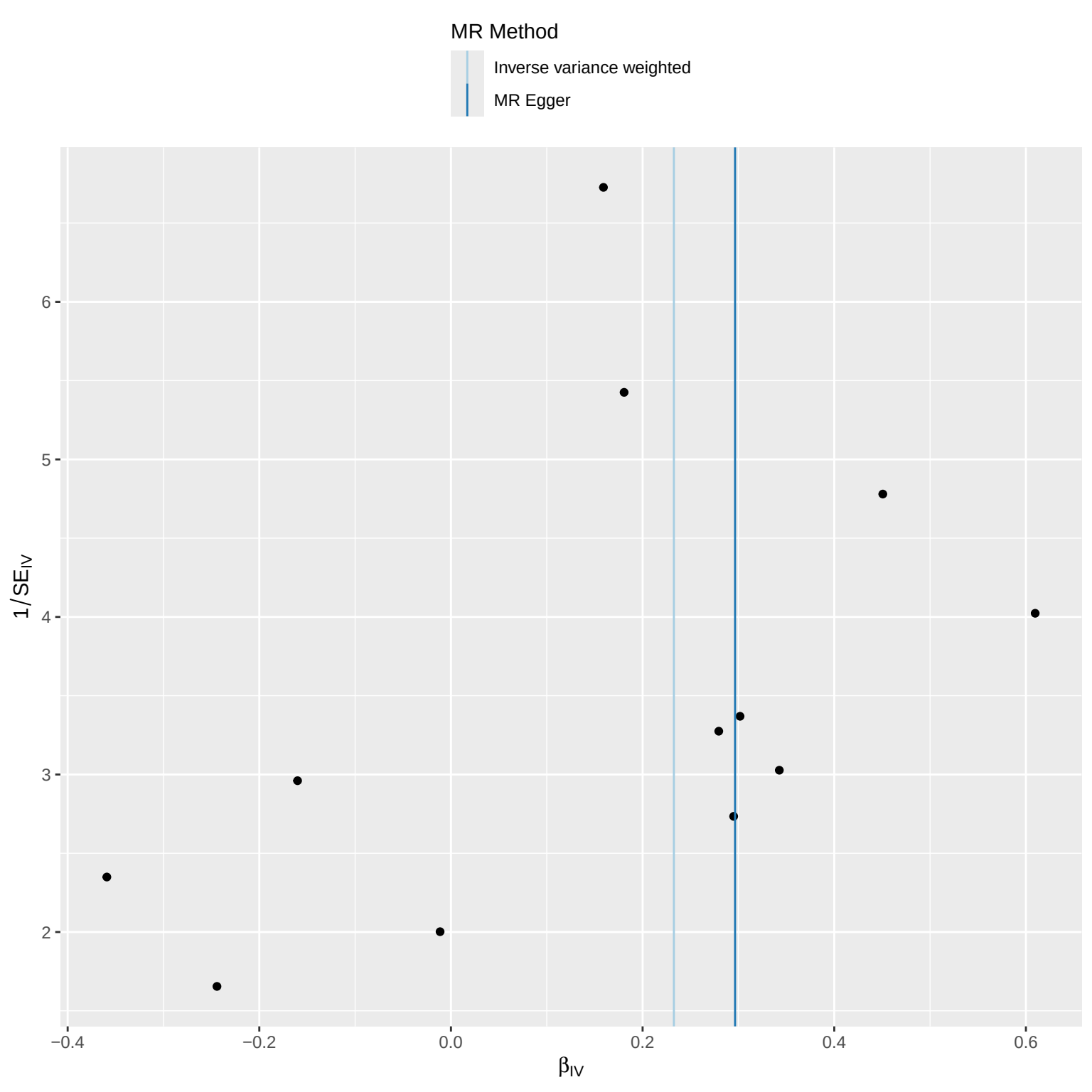
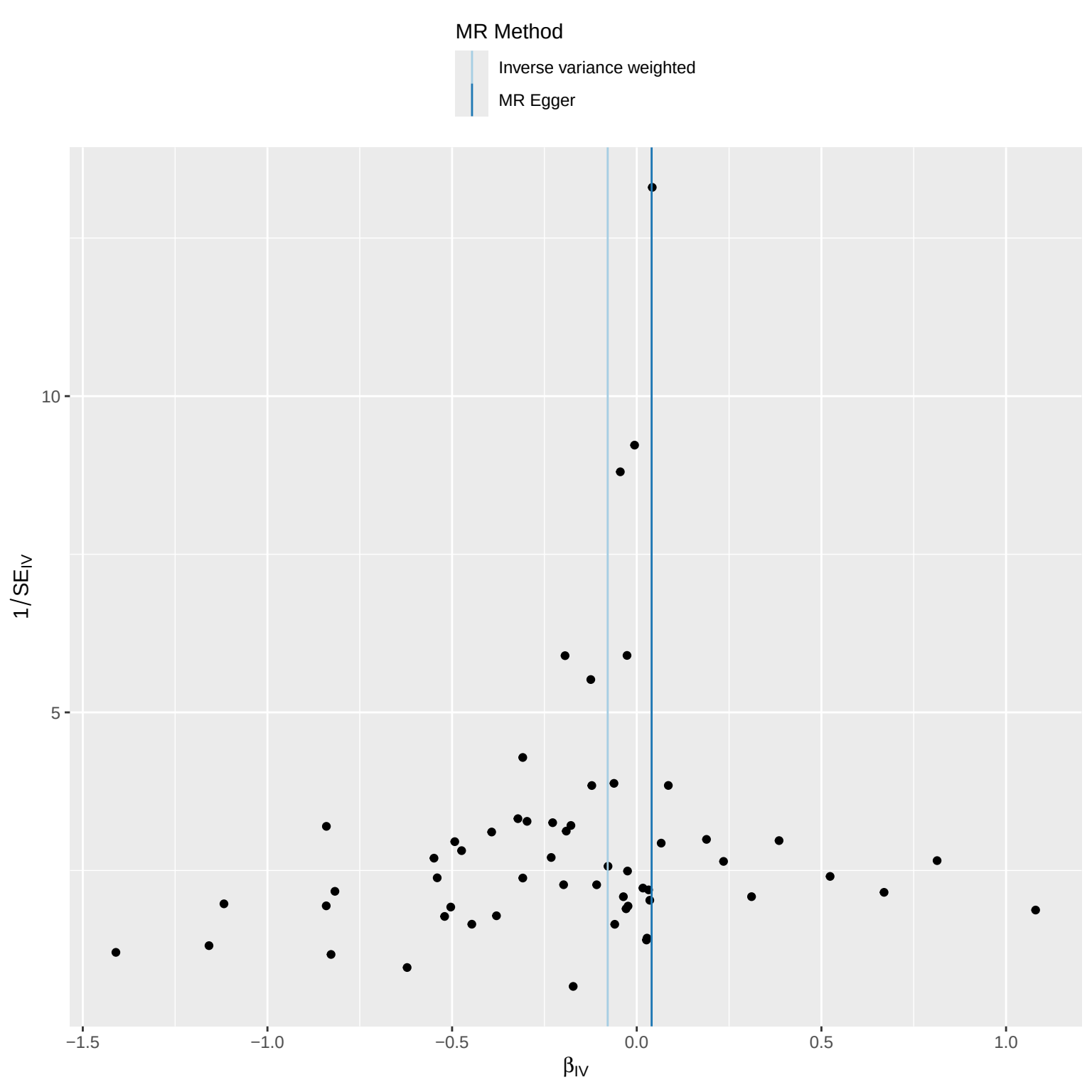
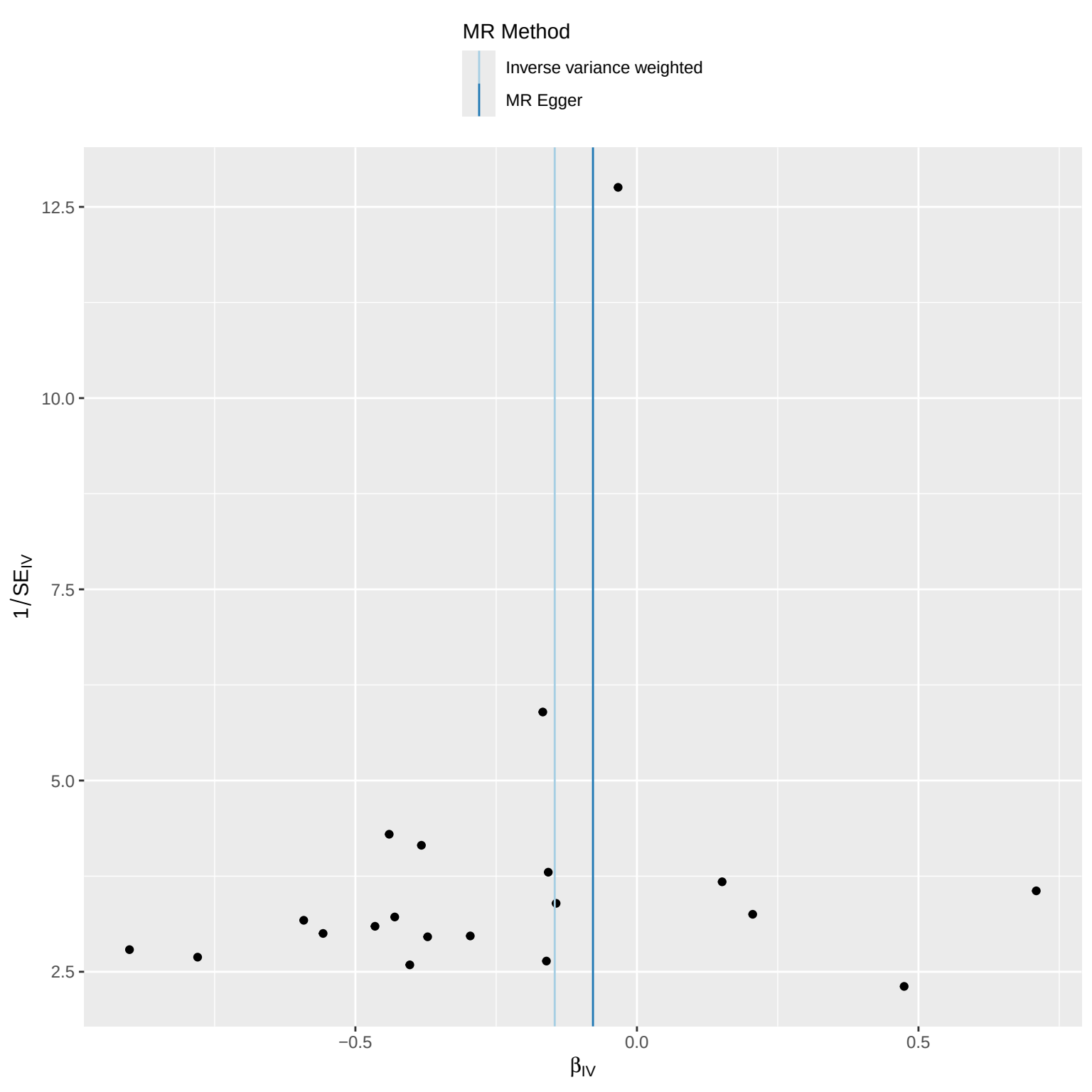
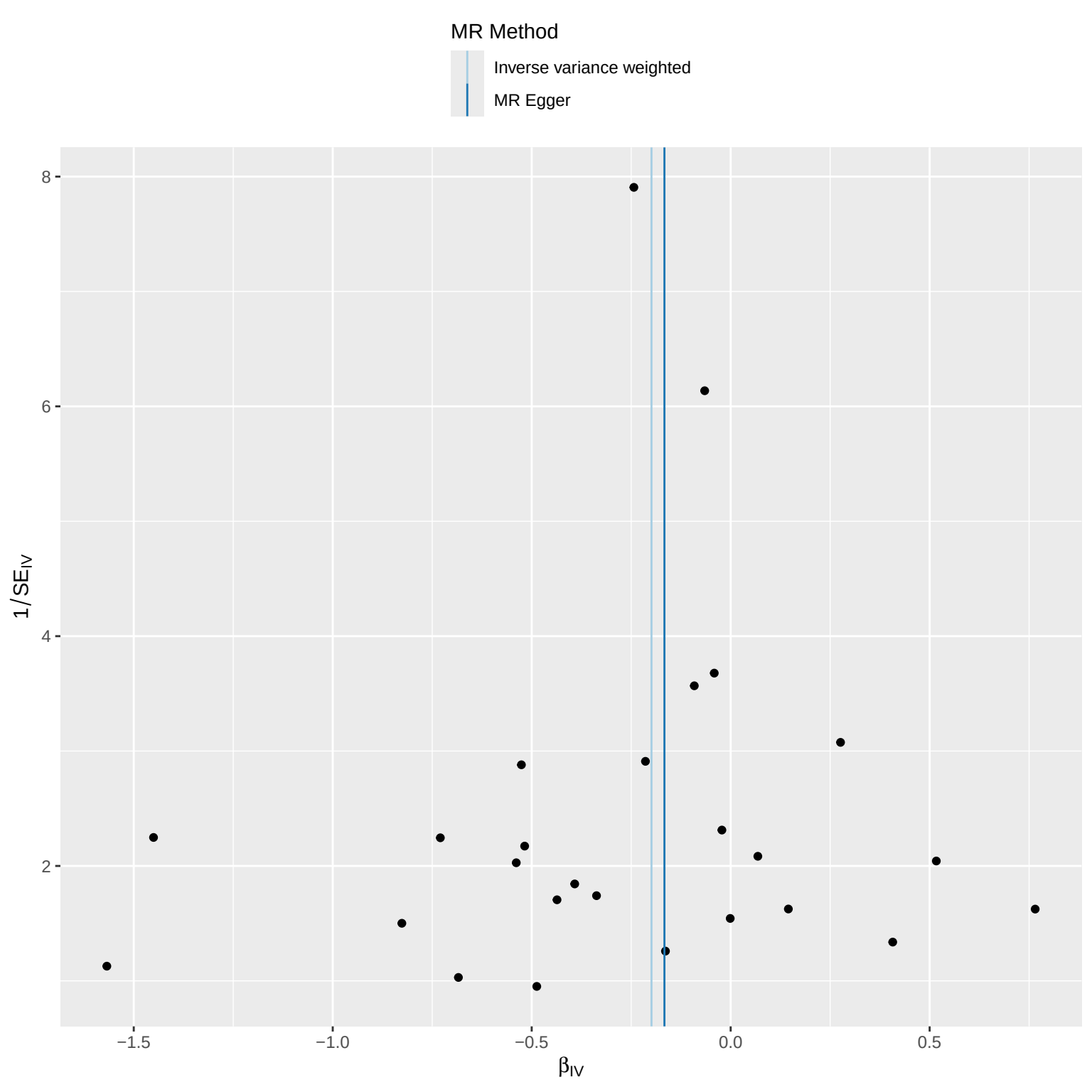
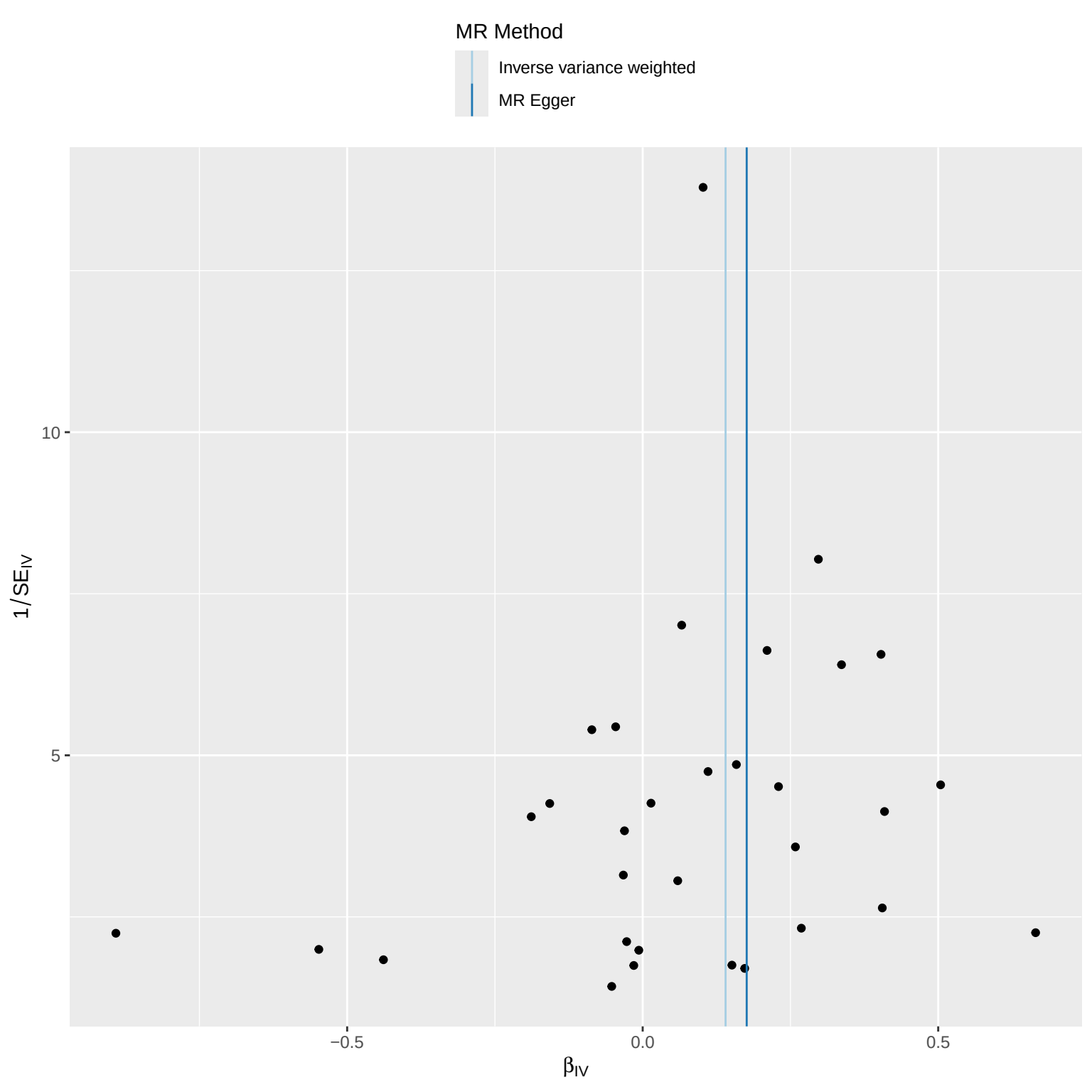
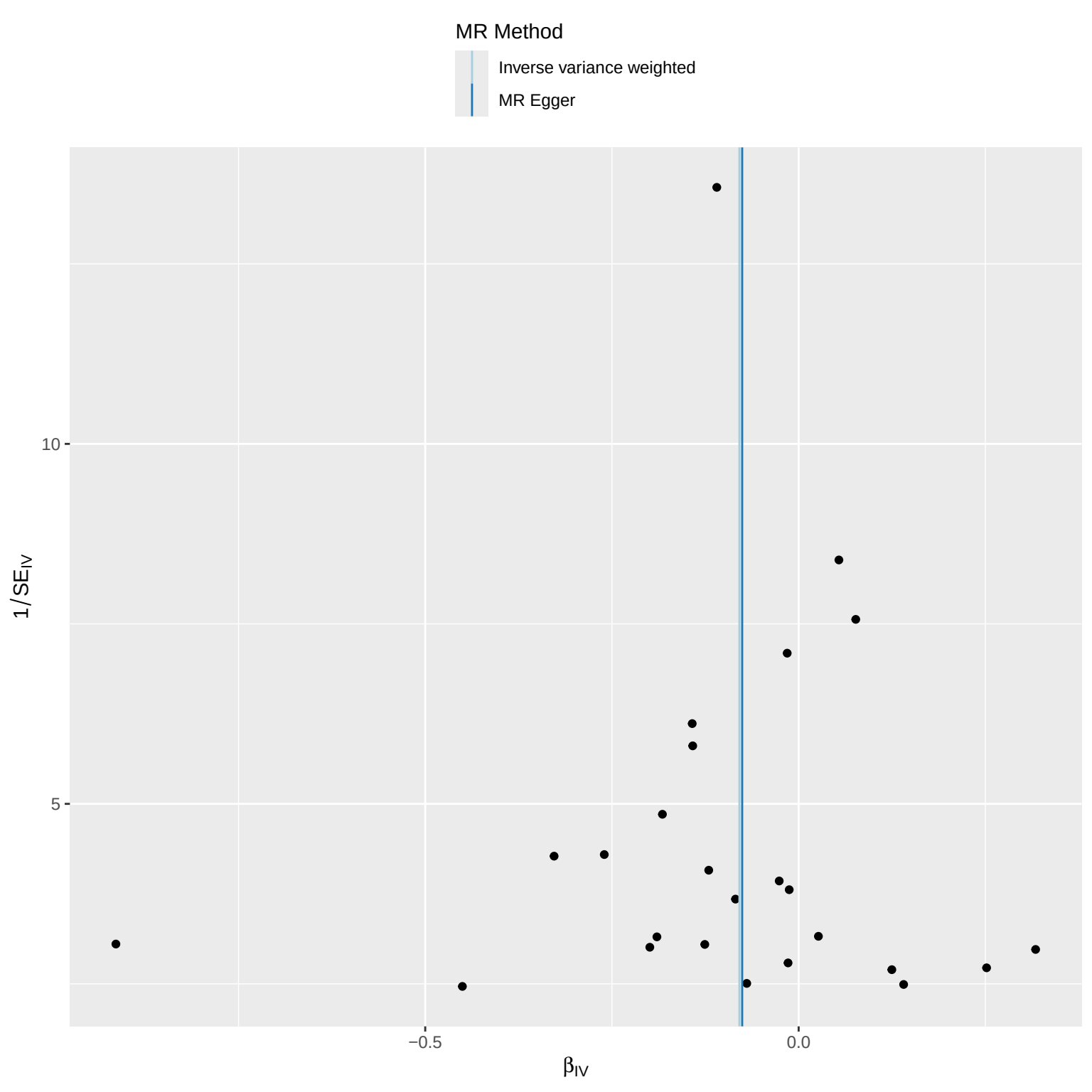

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.4
−0.2
0.0
0.2
0.4
0.6
β_IV

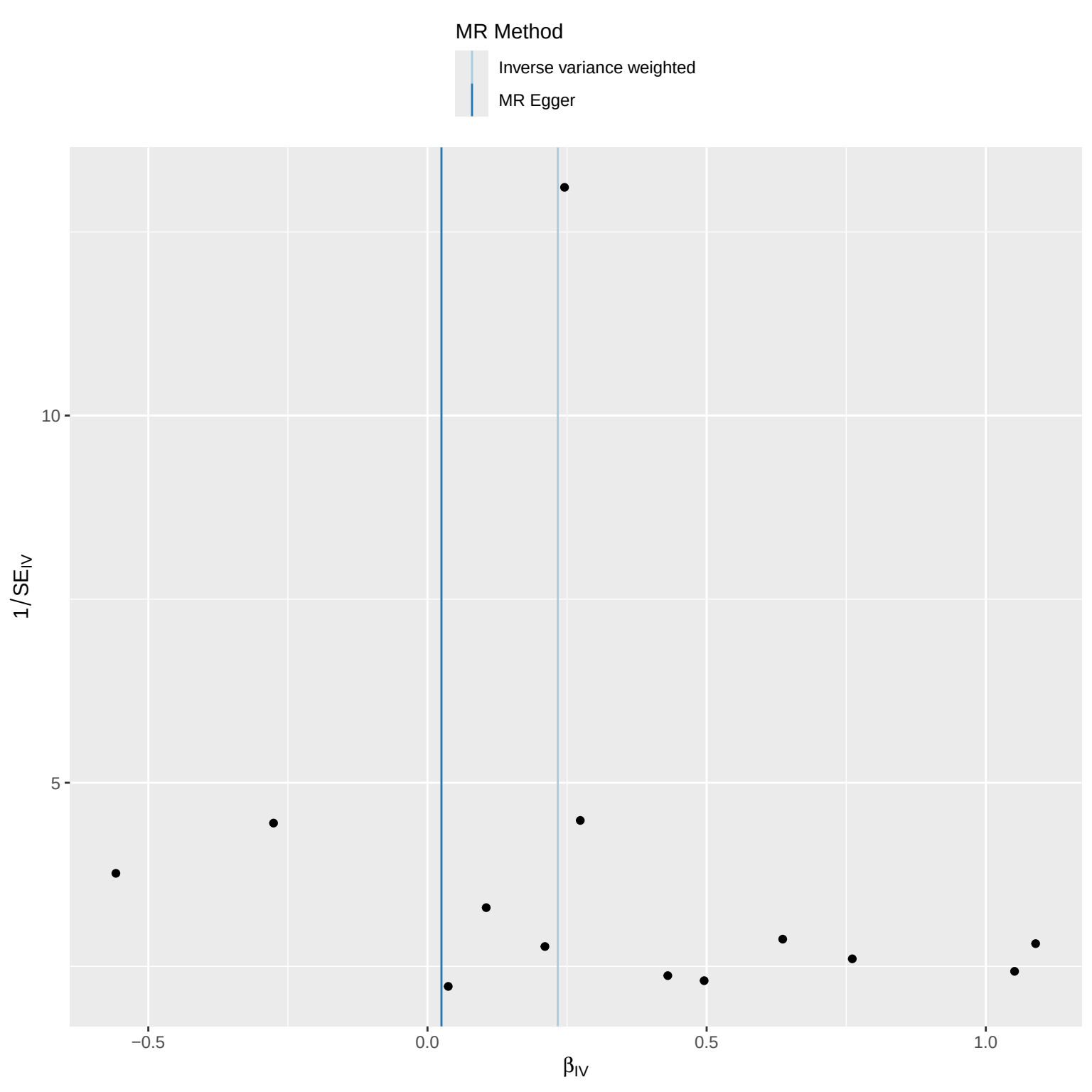

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

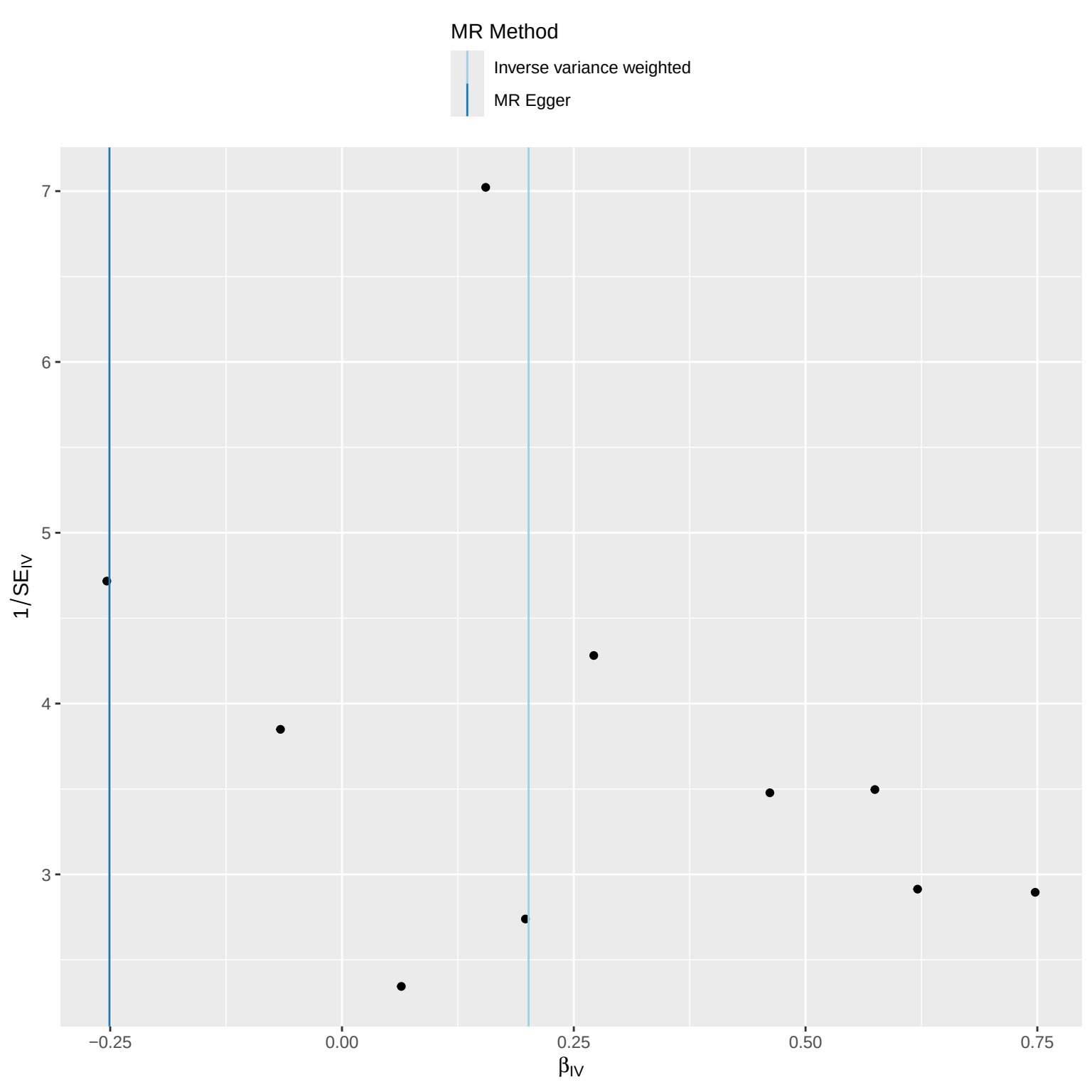

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

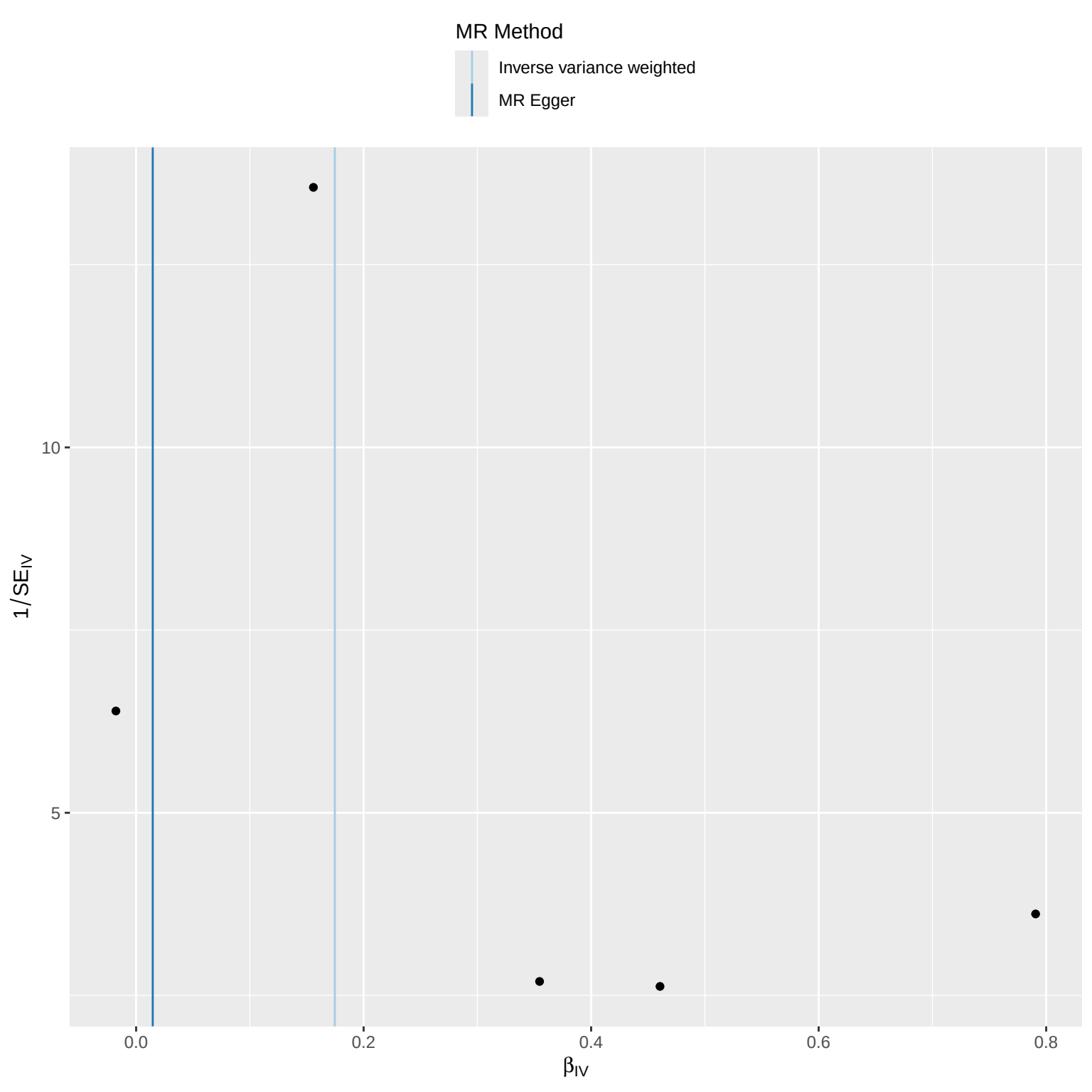

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

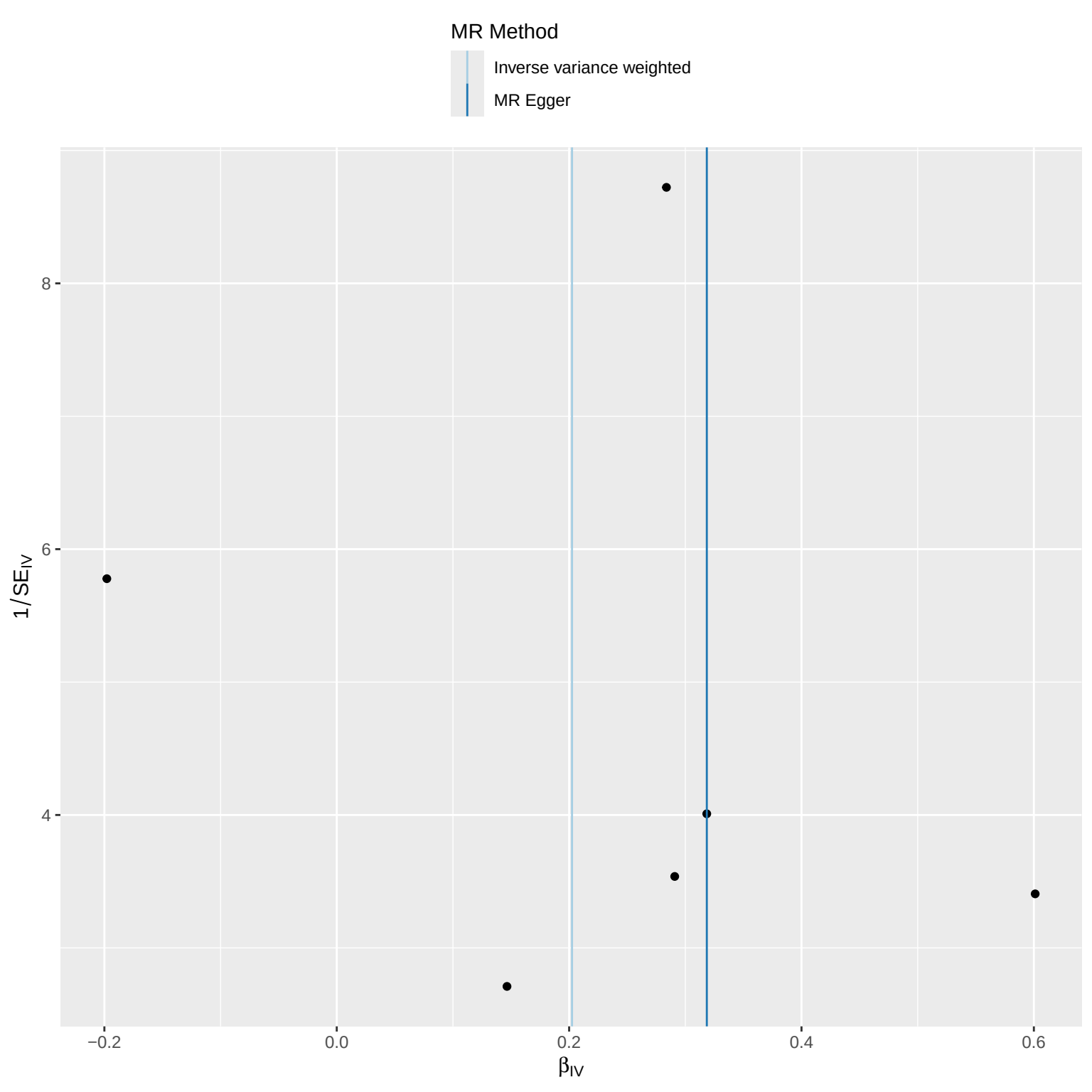

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.5
0.0
0.5
β_IV

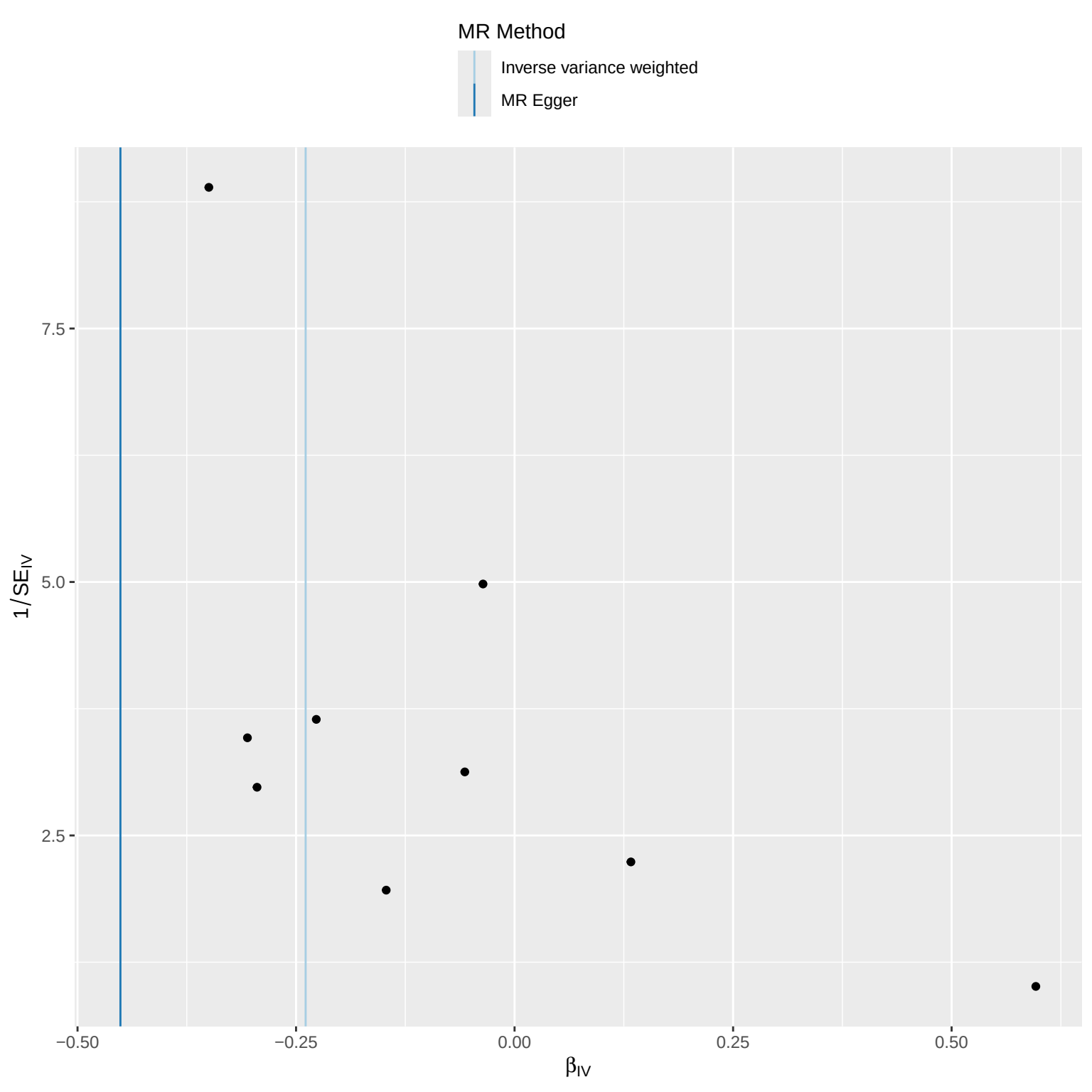

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.5
0.0
β_IV

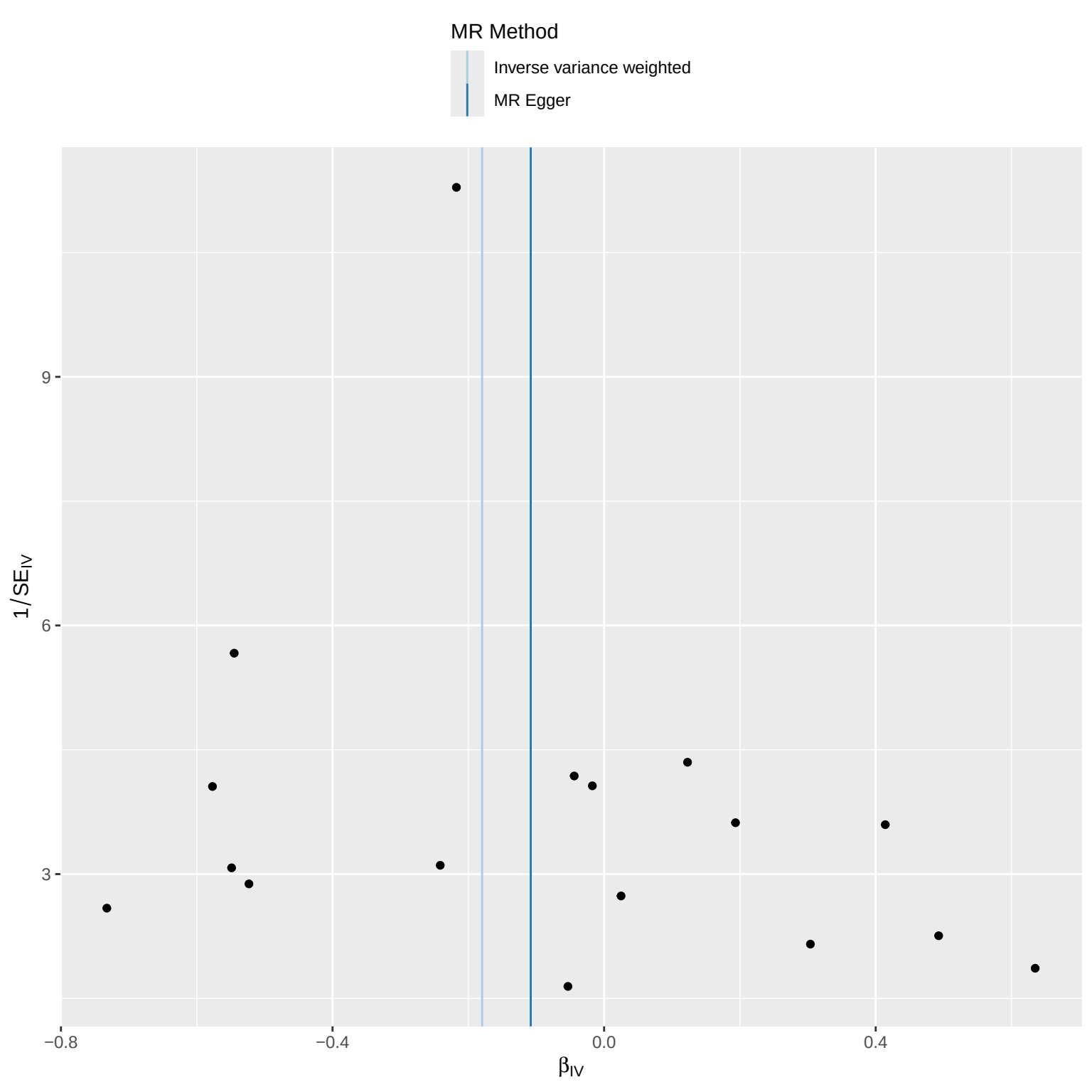

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

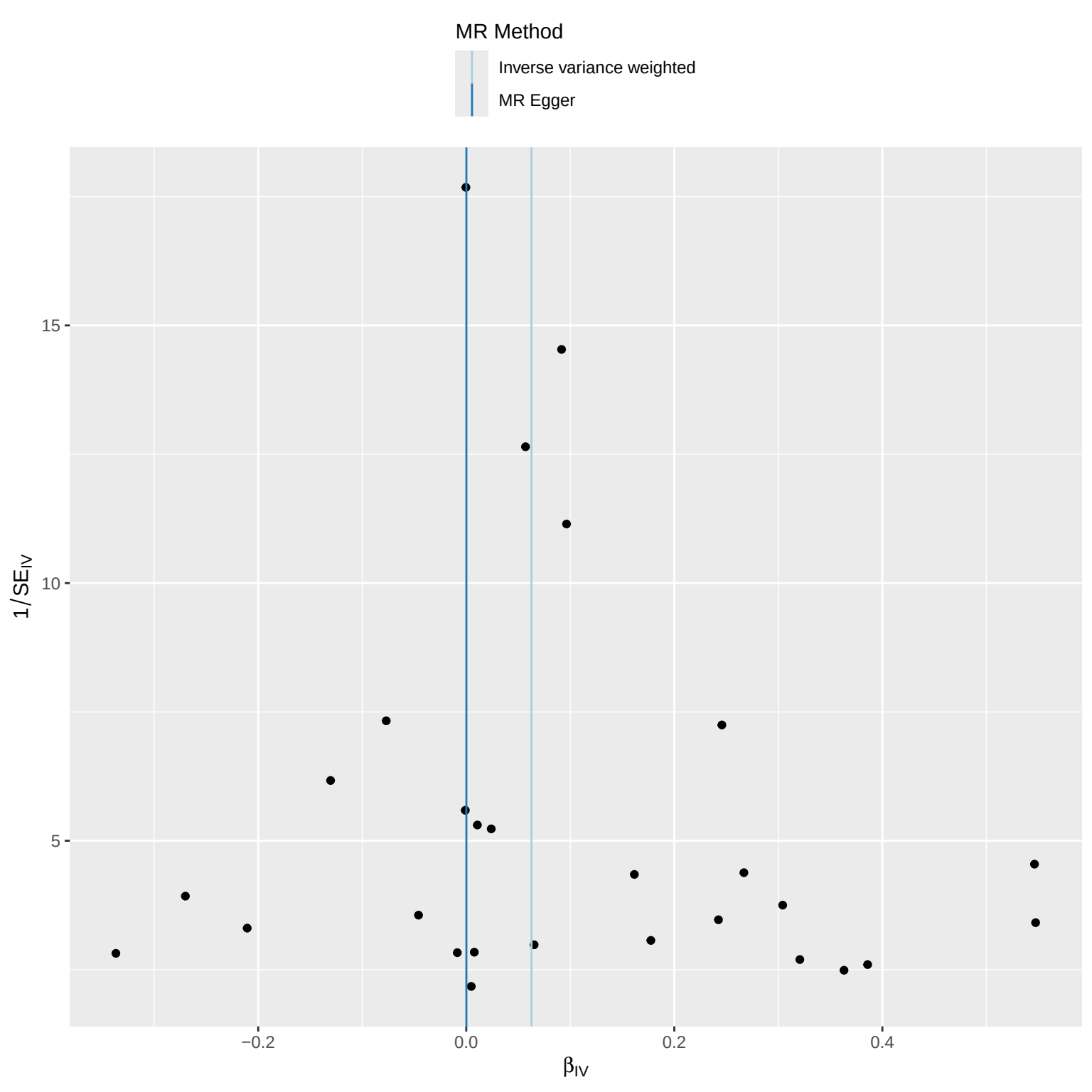

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
−0.25
0.00
0.25
0.50
0.75
β_IV

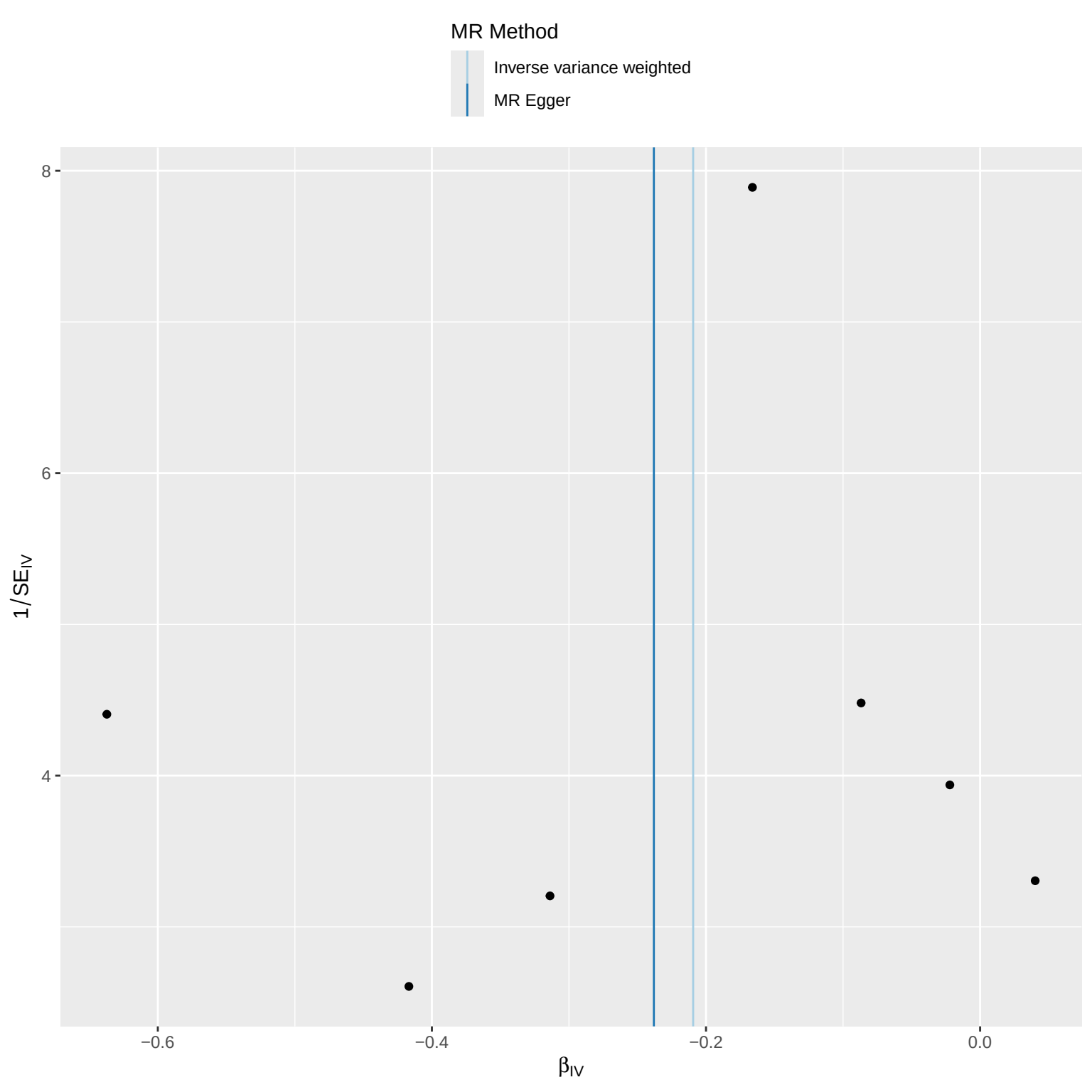

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
0.0
0.2
0.4
0.6
0.8
β_IV

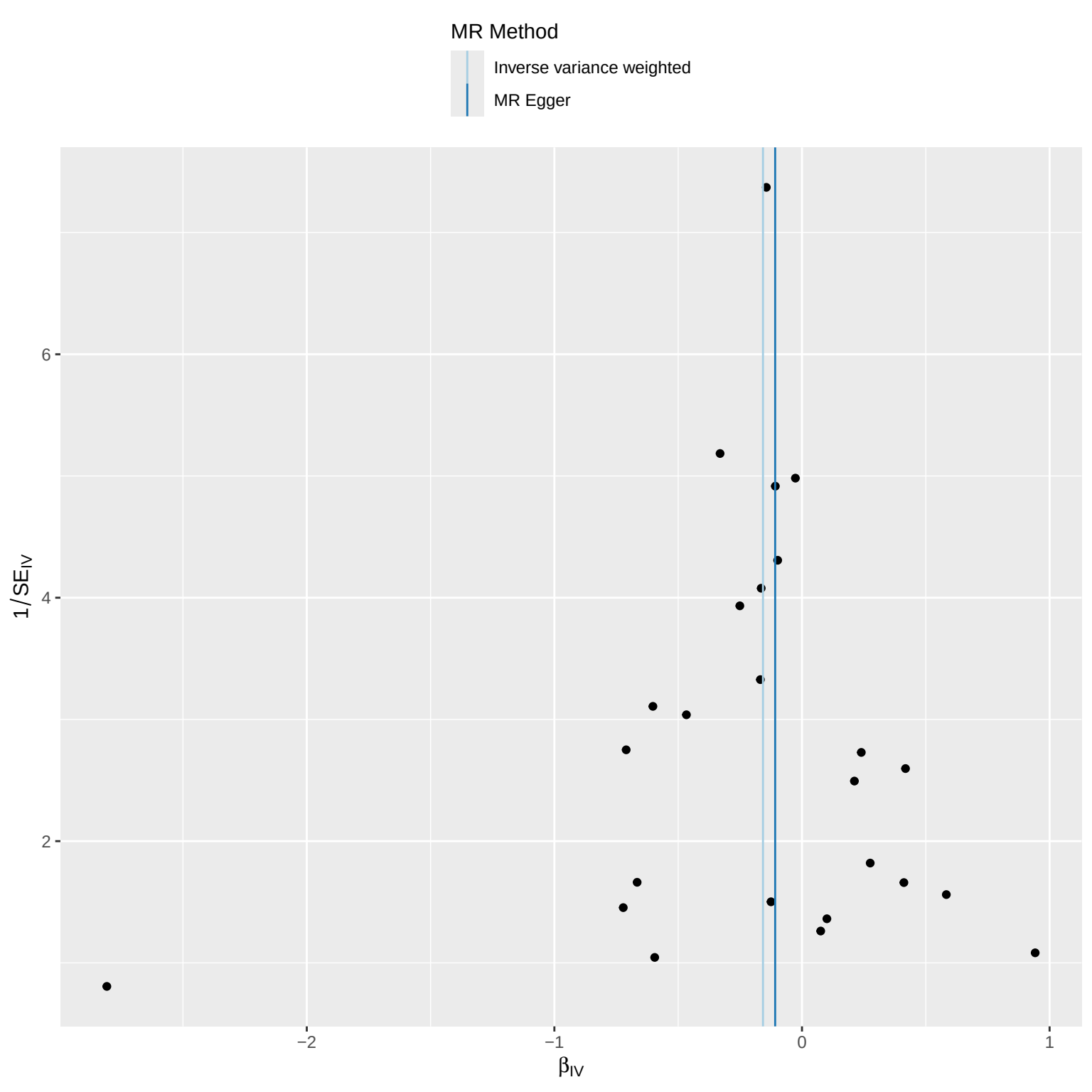

MR Method
Inverse variance weighted
MR Egger
8
6
4
1/SE_IV
−0.2
0.0
0.2
0.4
0.6
β_IV

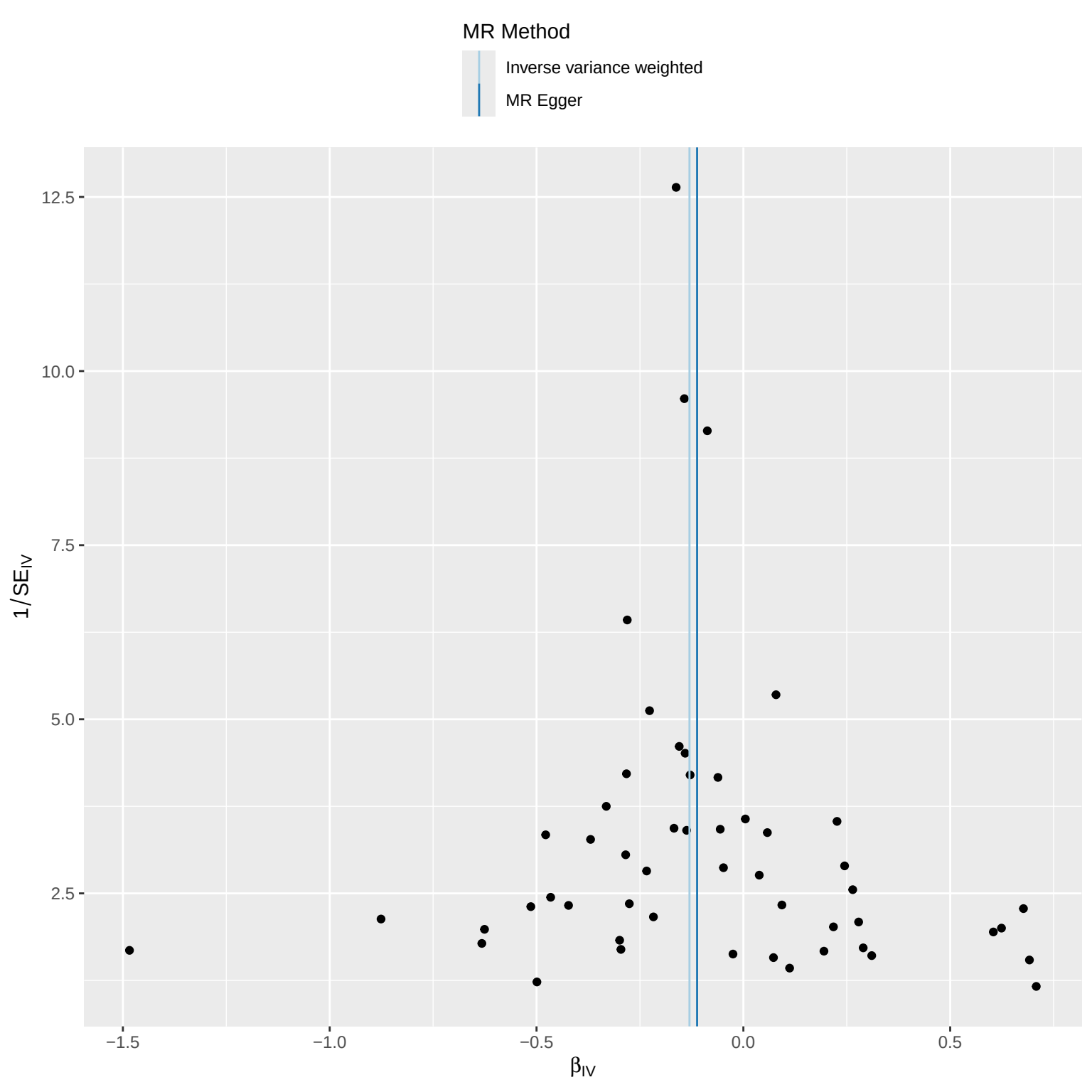

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.50
−0.25
0.00
0.25
0.50
β_IV

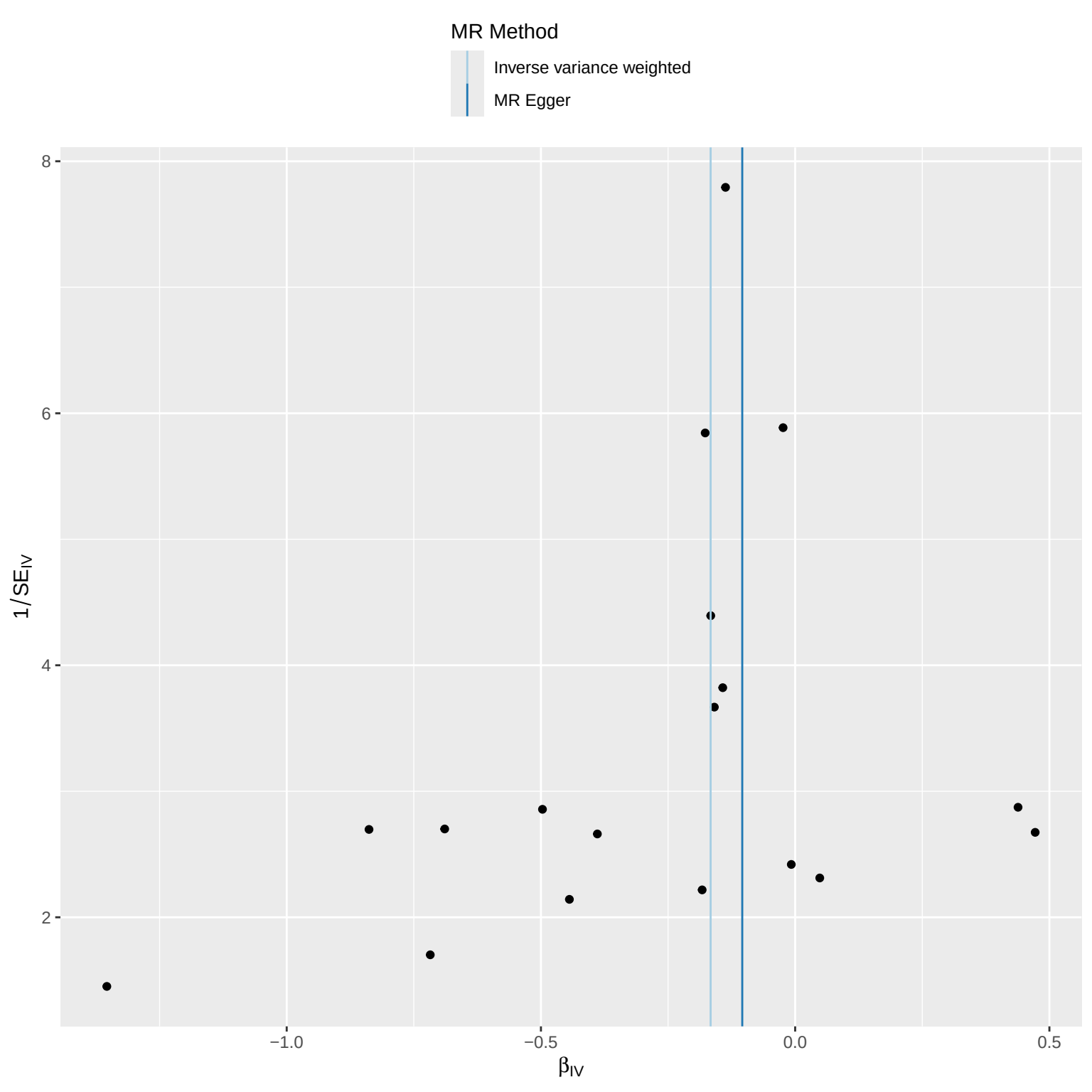

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

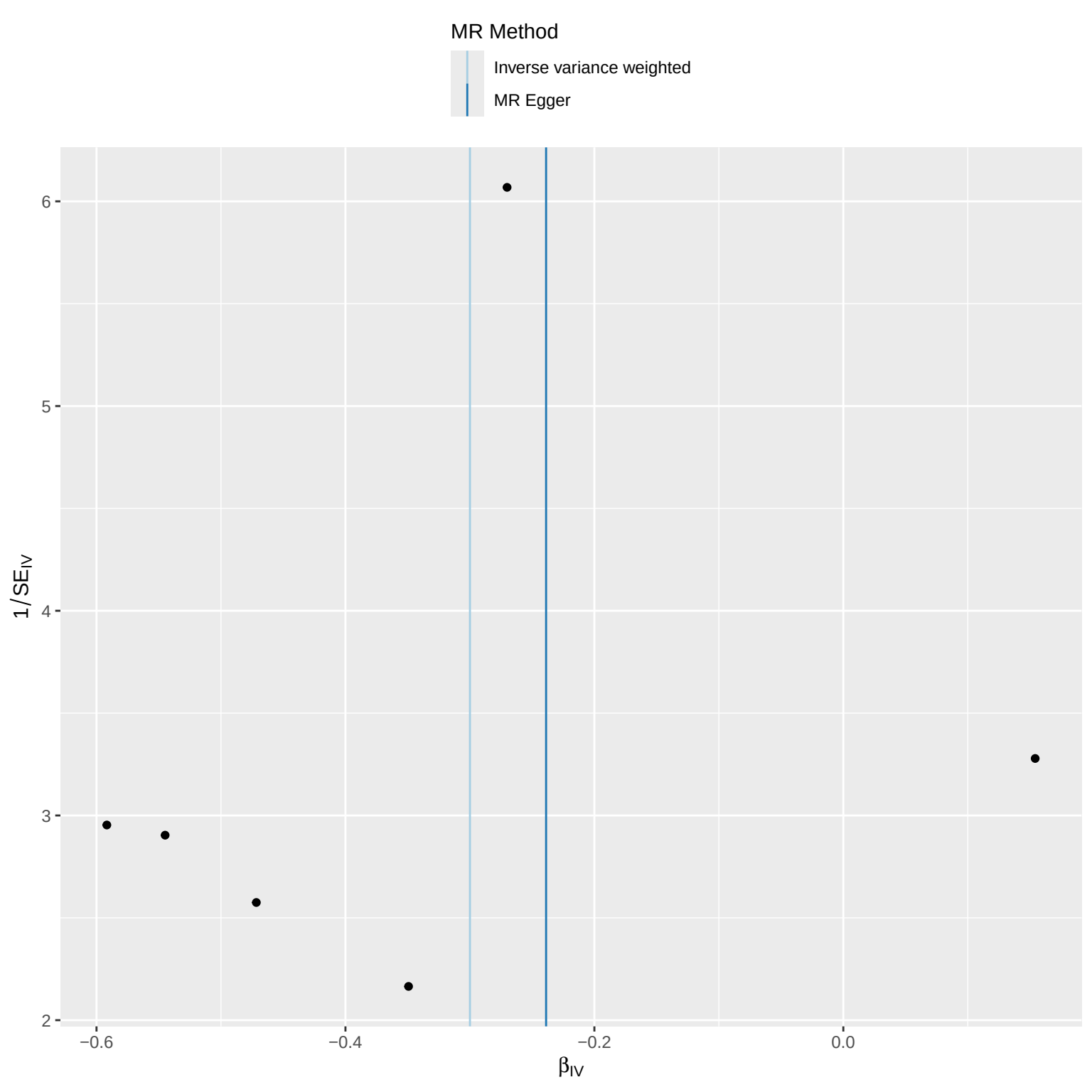

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.2
0.0
0.2
0.4
β_IV

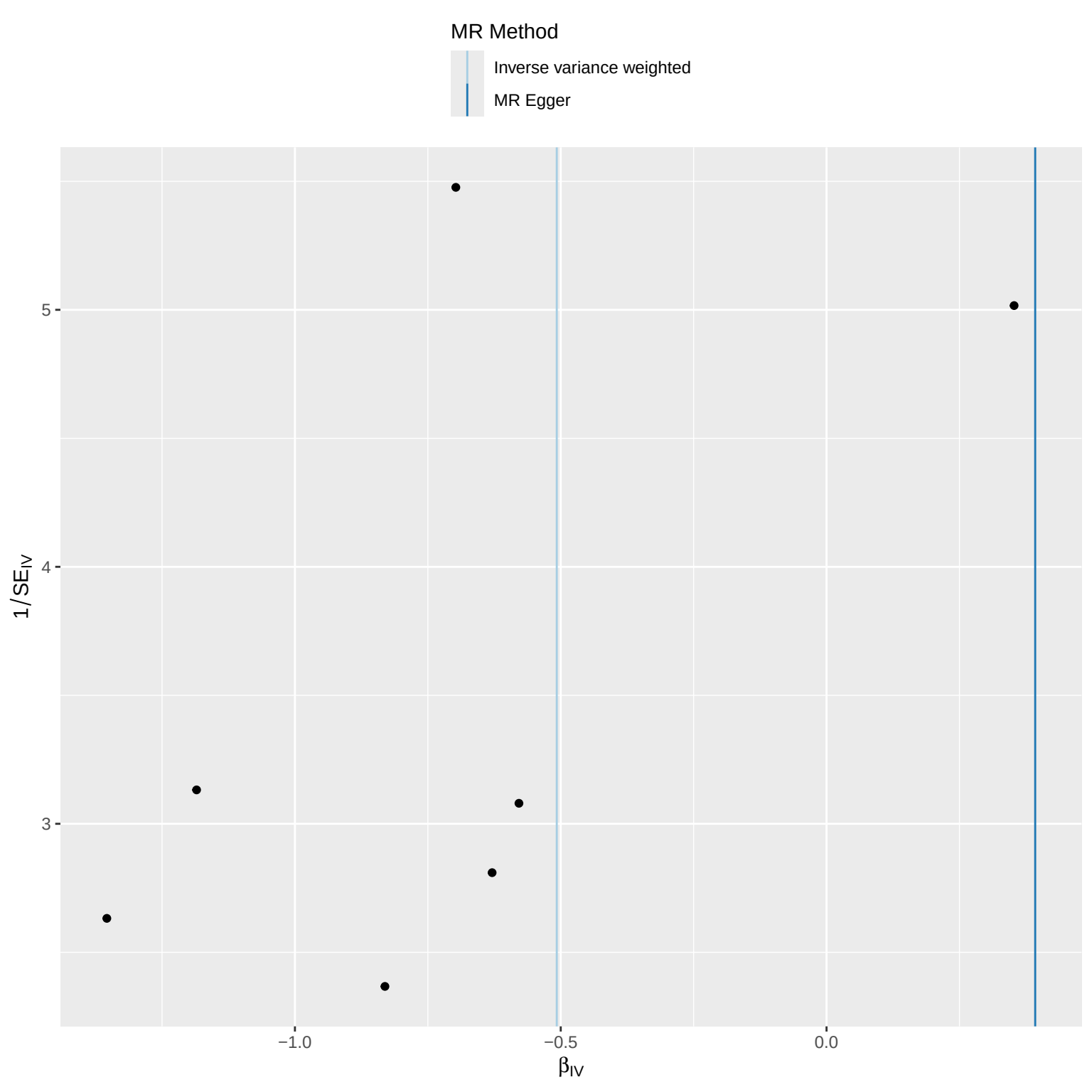

MR Method
Inverse variance weighted
MR Egger
8
6
4
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

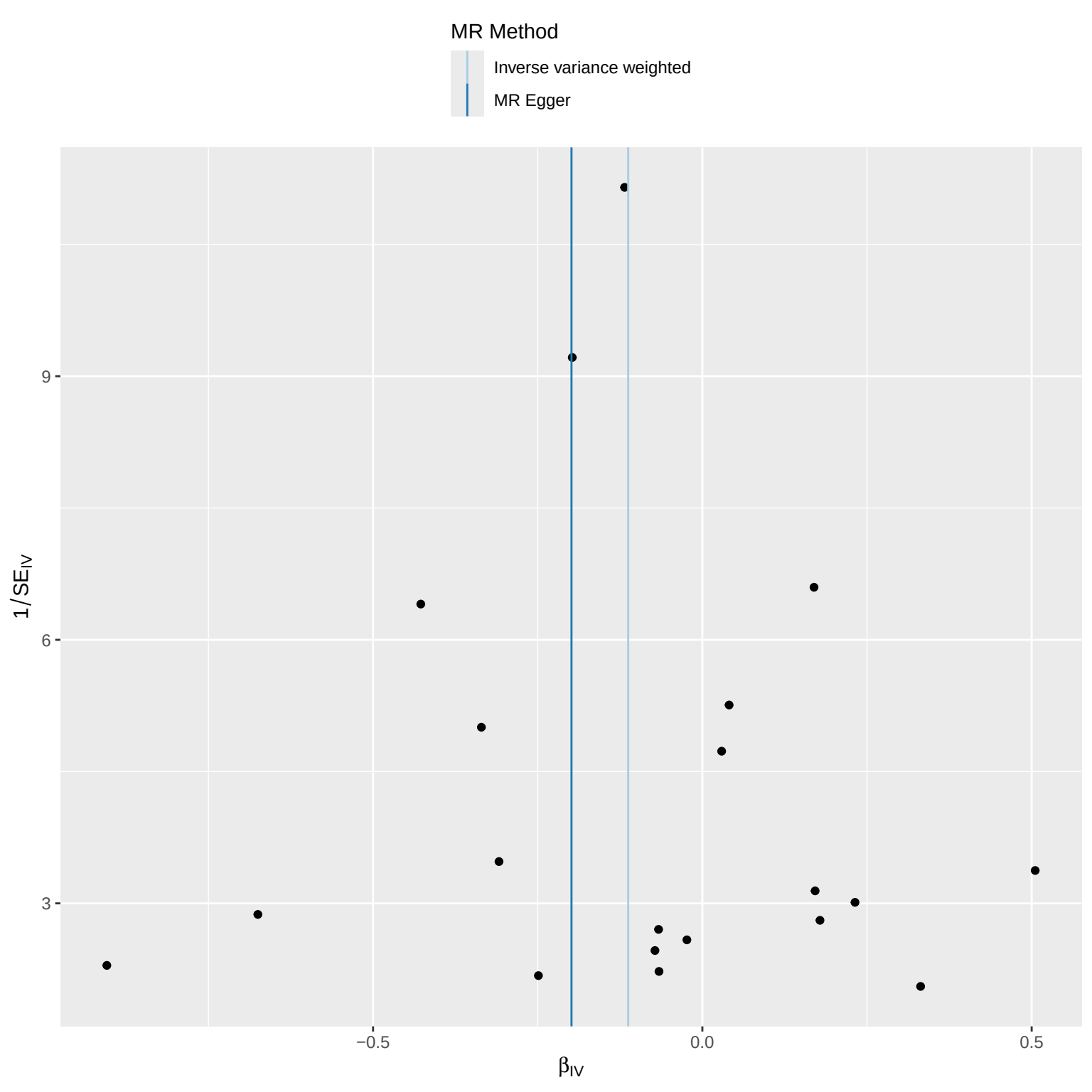

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

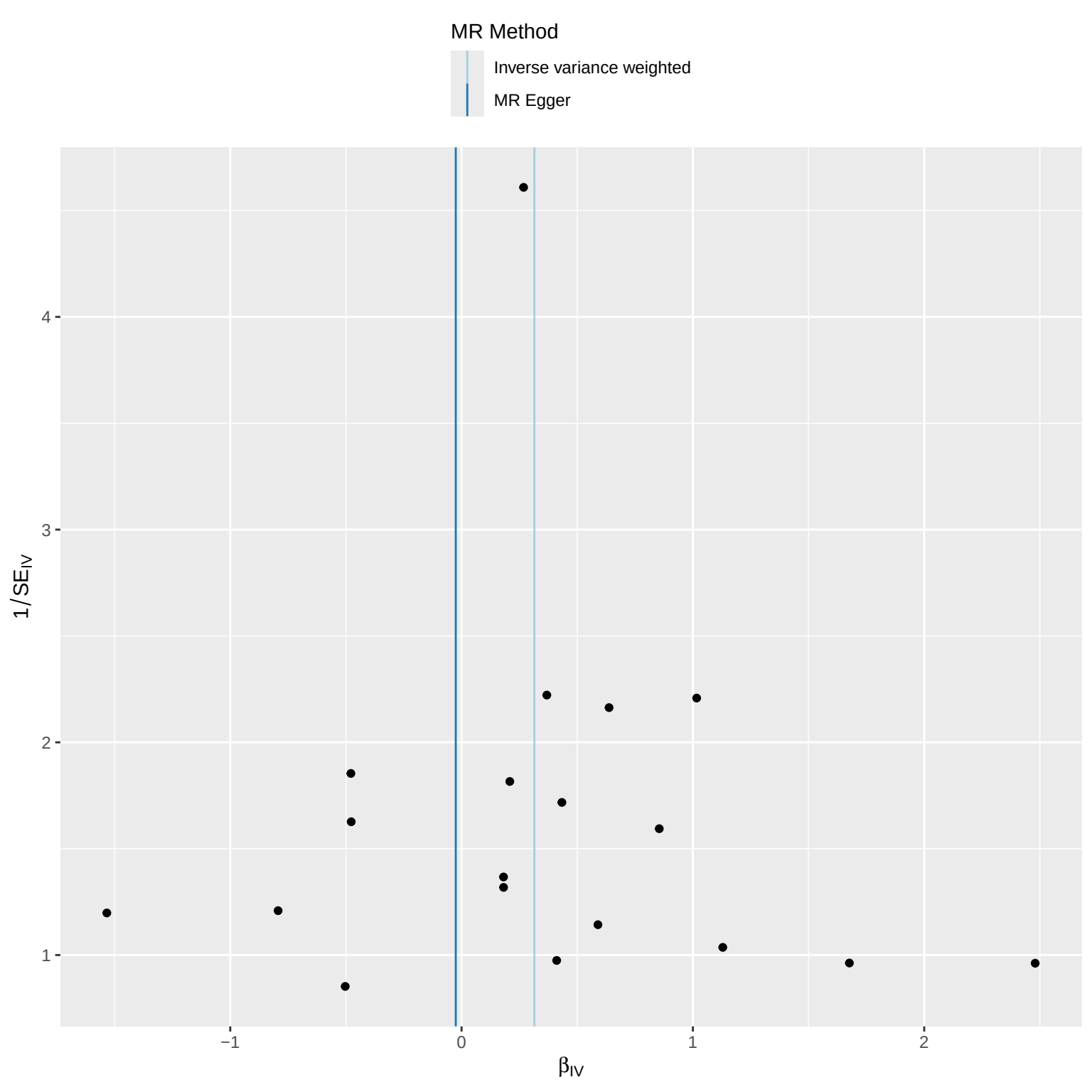

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

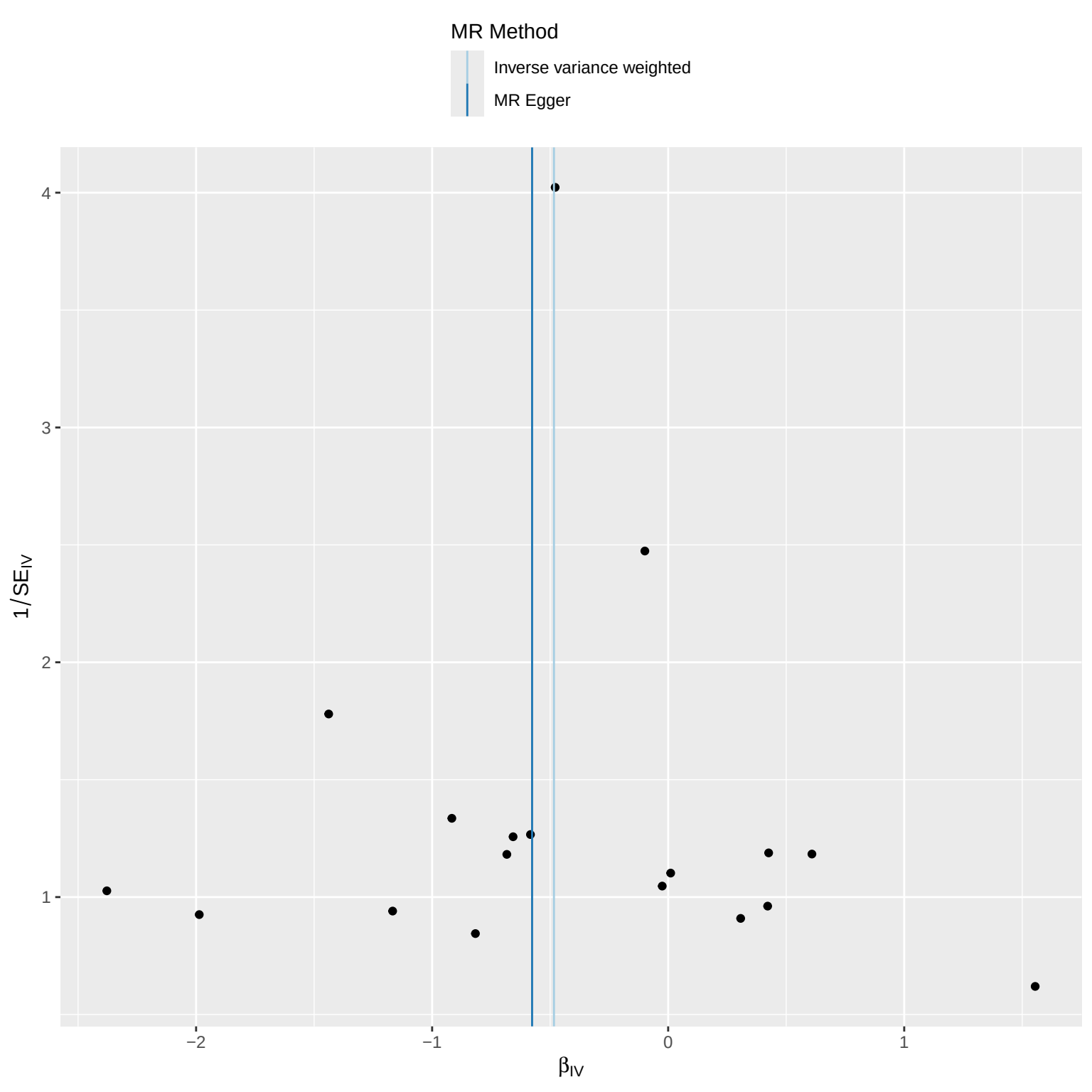

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

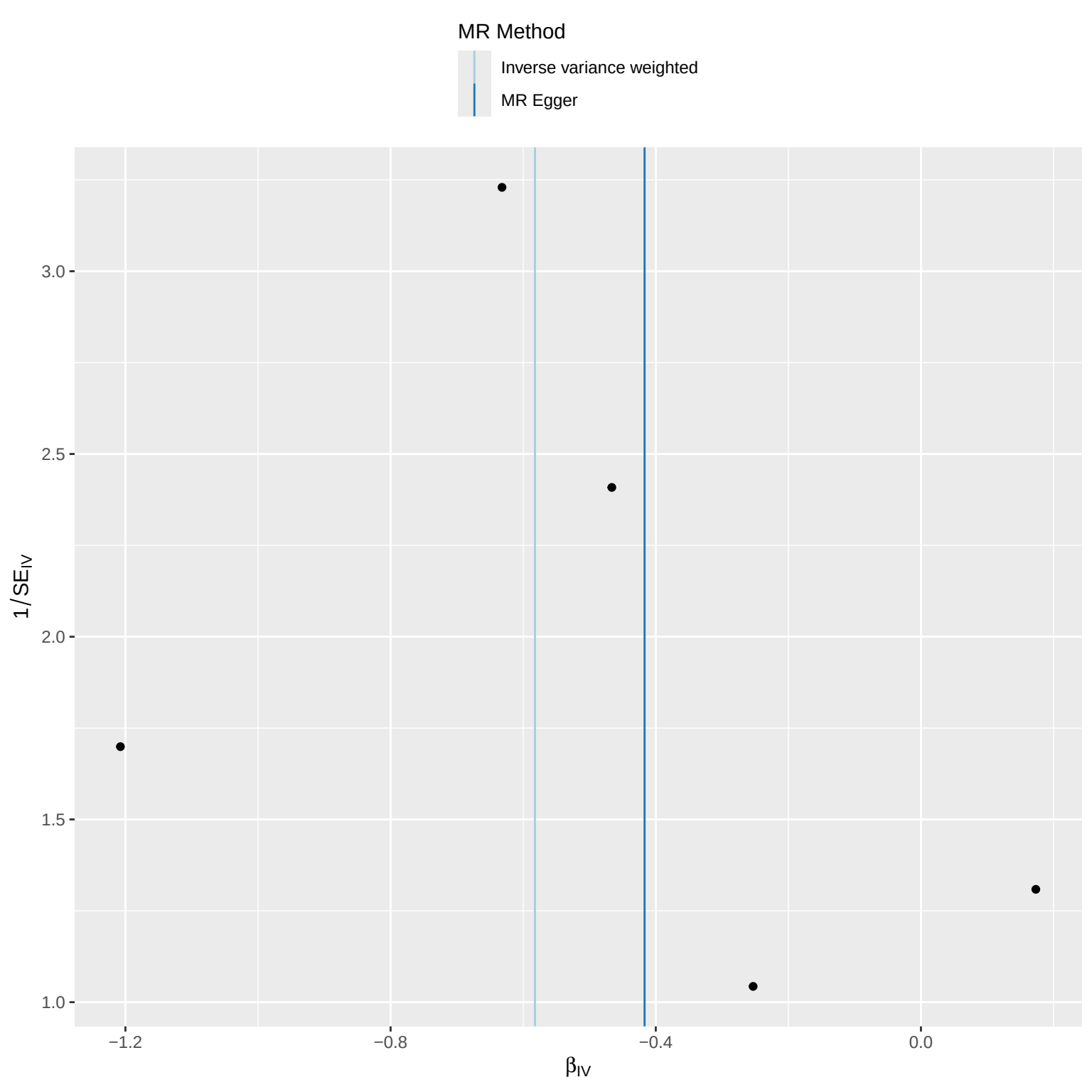

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

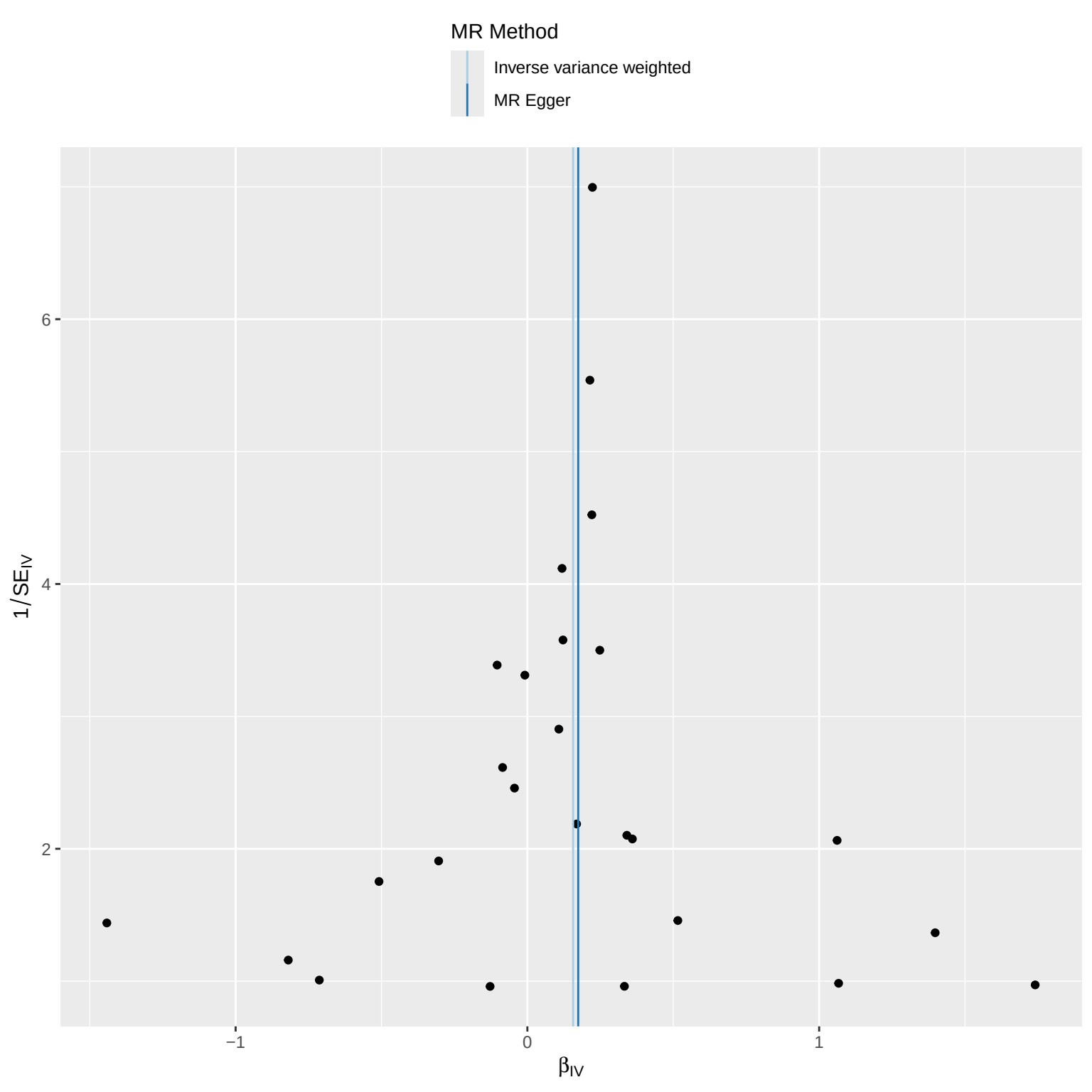

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
−1.0
−0.5
0.0
β_IV

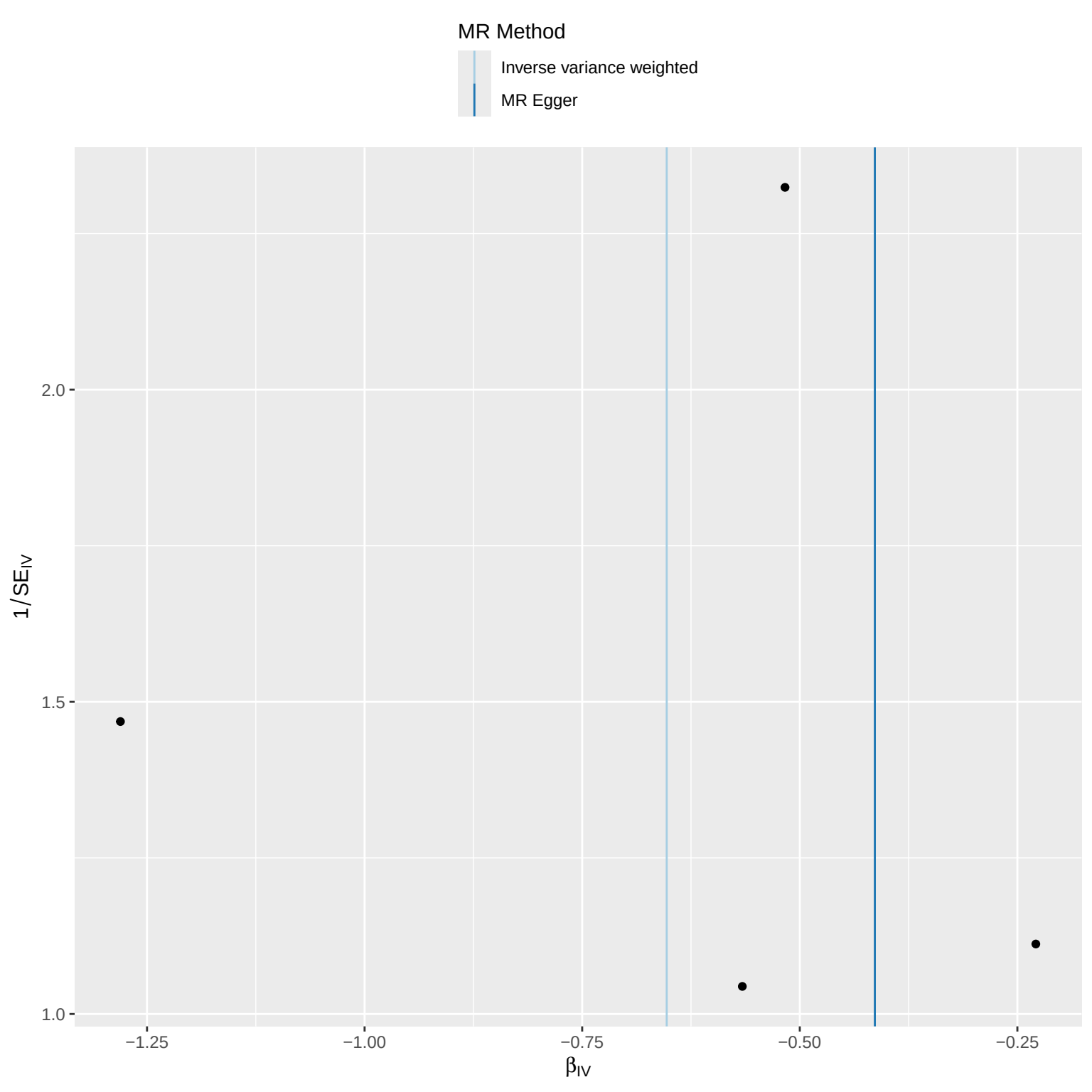

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.5
0.0
0.5
β_IV

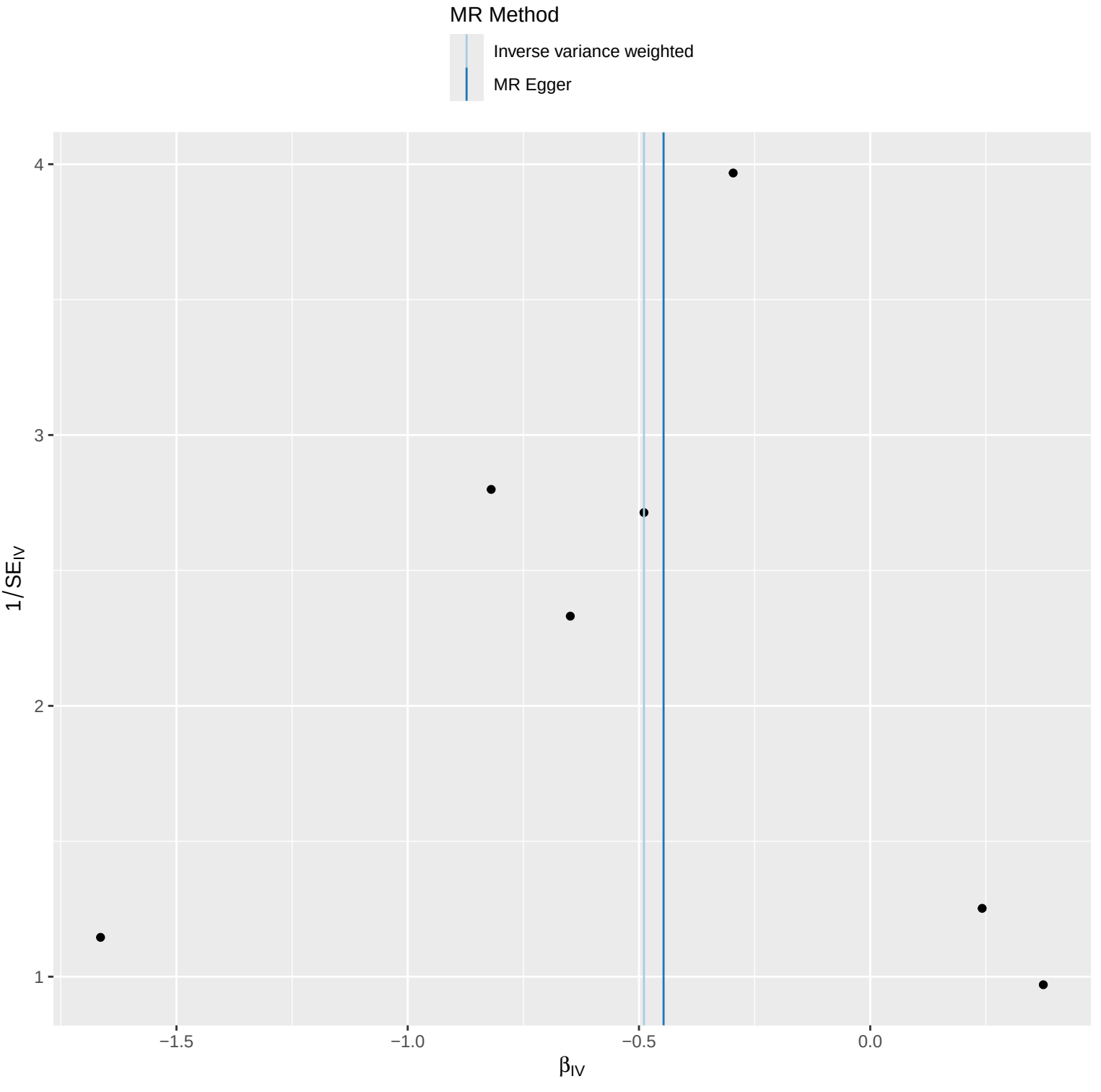

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

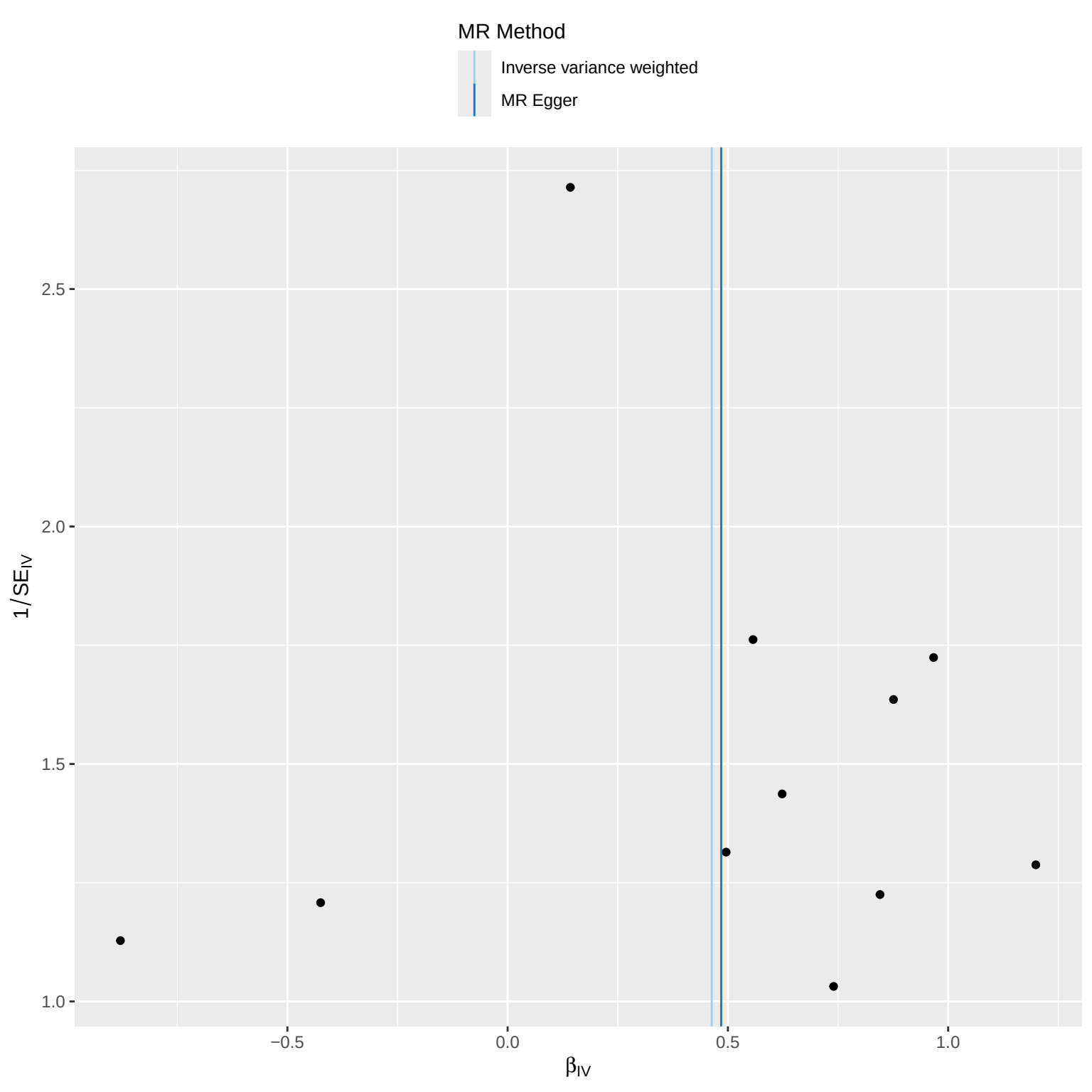

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

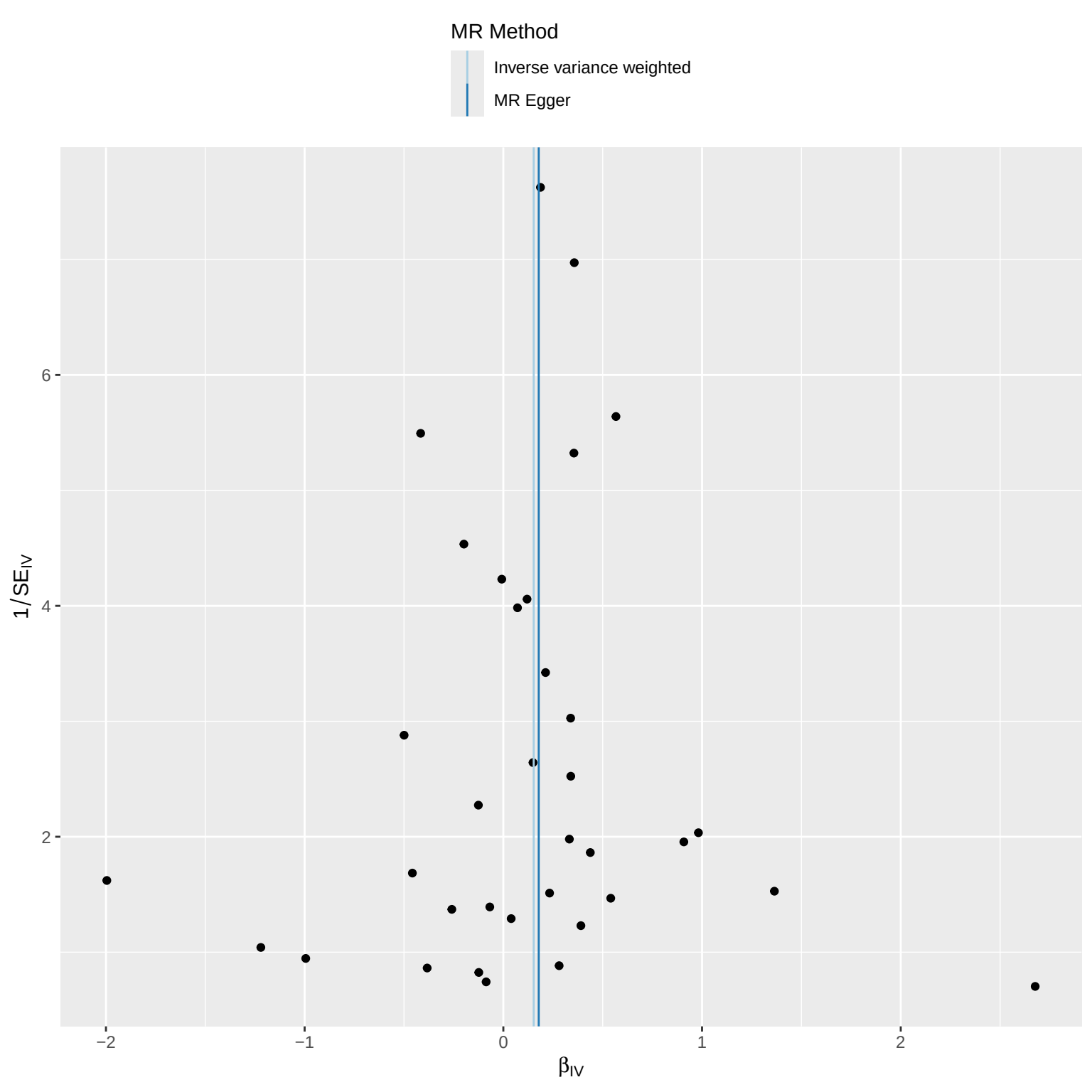

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

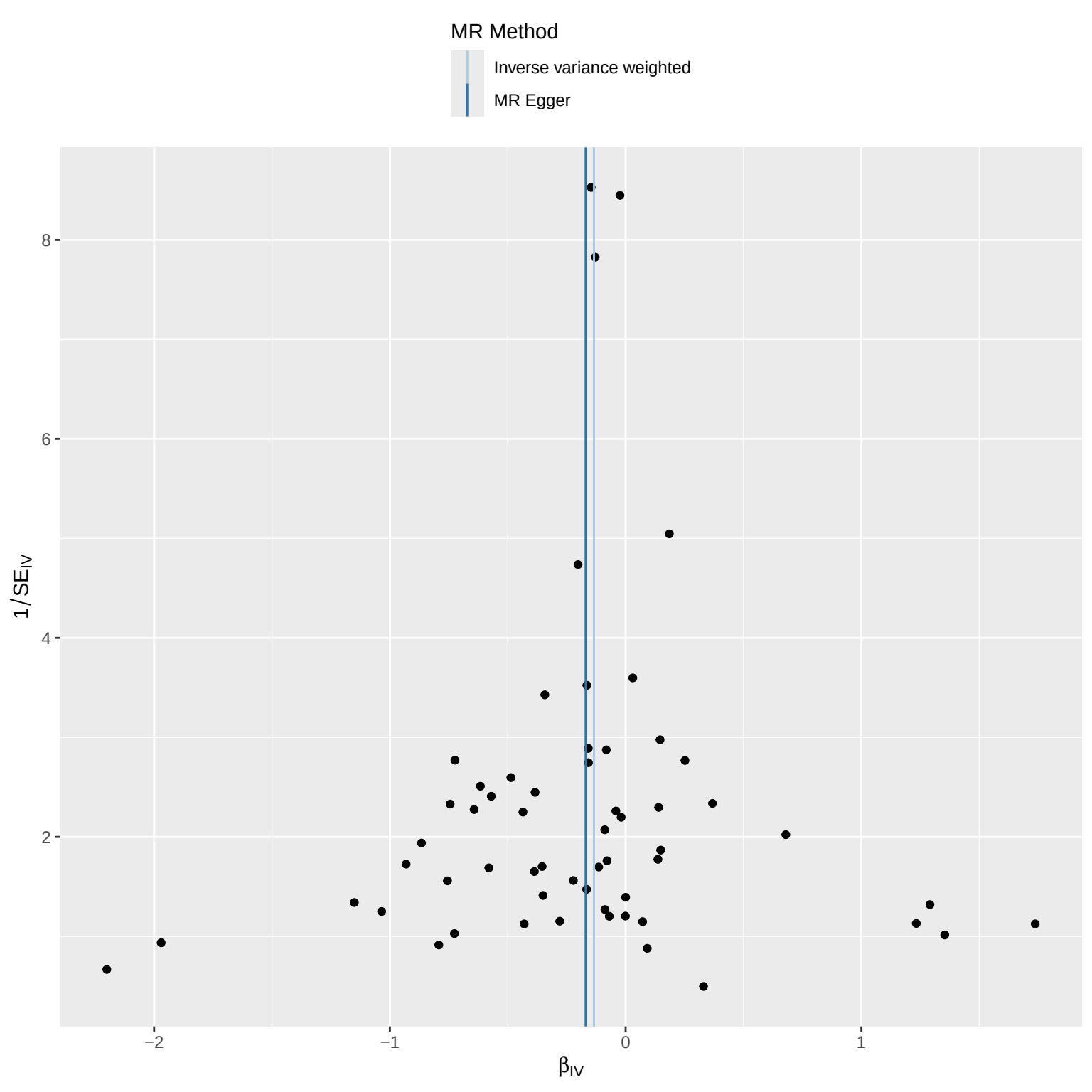

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

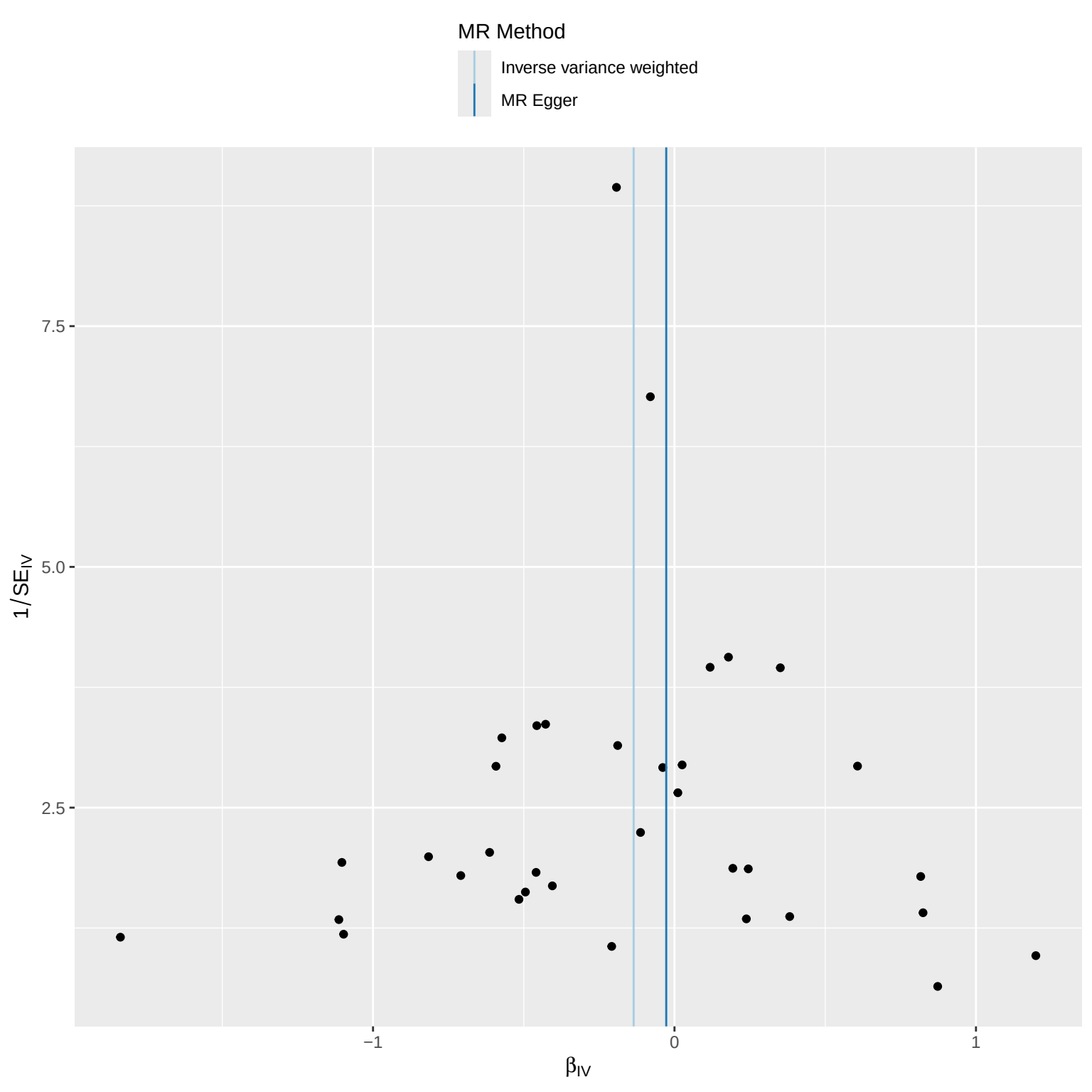

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.25
−1.00
−0.75
−0.50
−0.25
β_IV

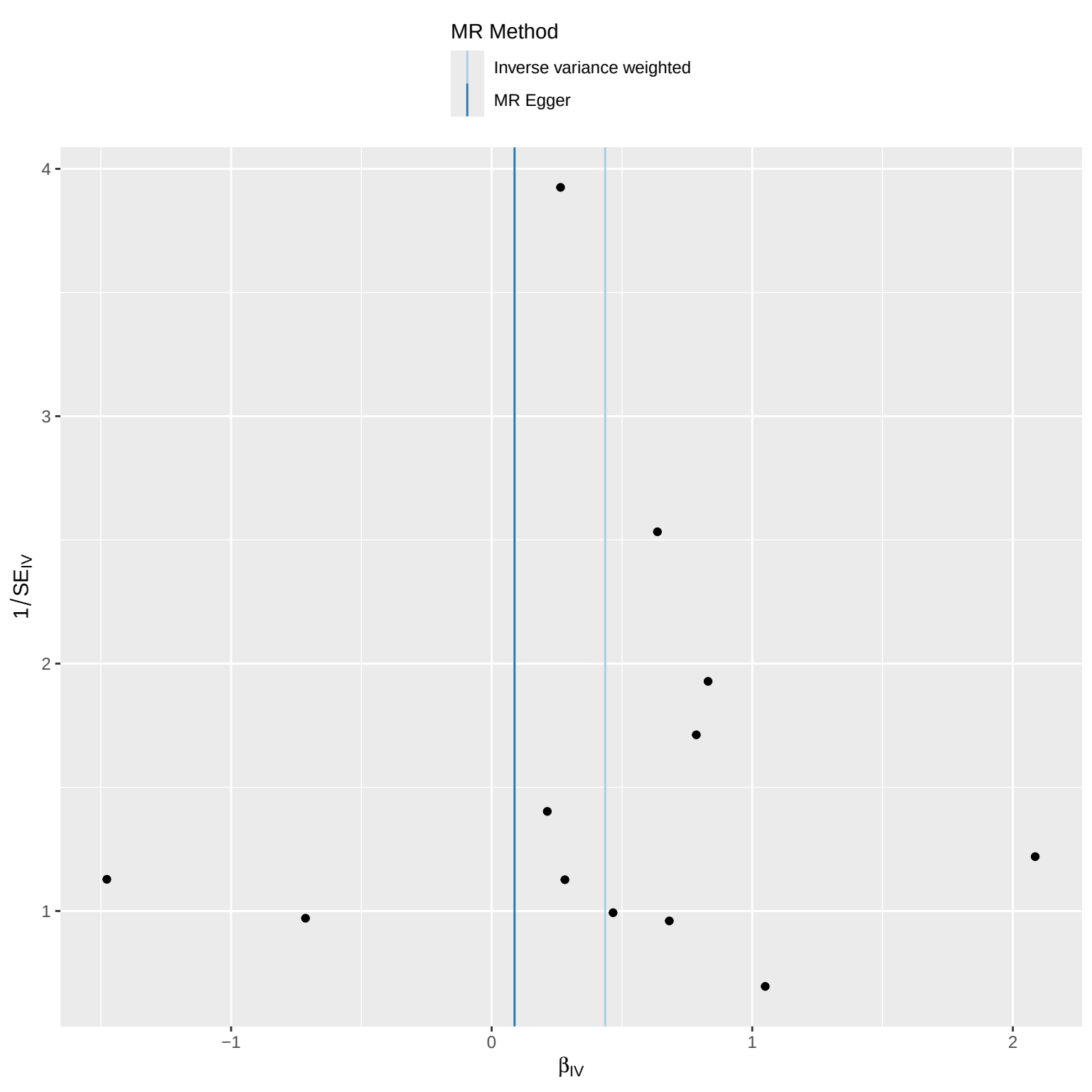

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−1.5
−1.0
−0.5
0.0
β_{IV}

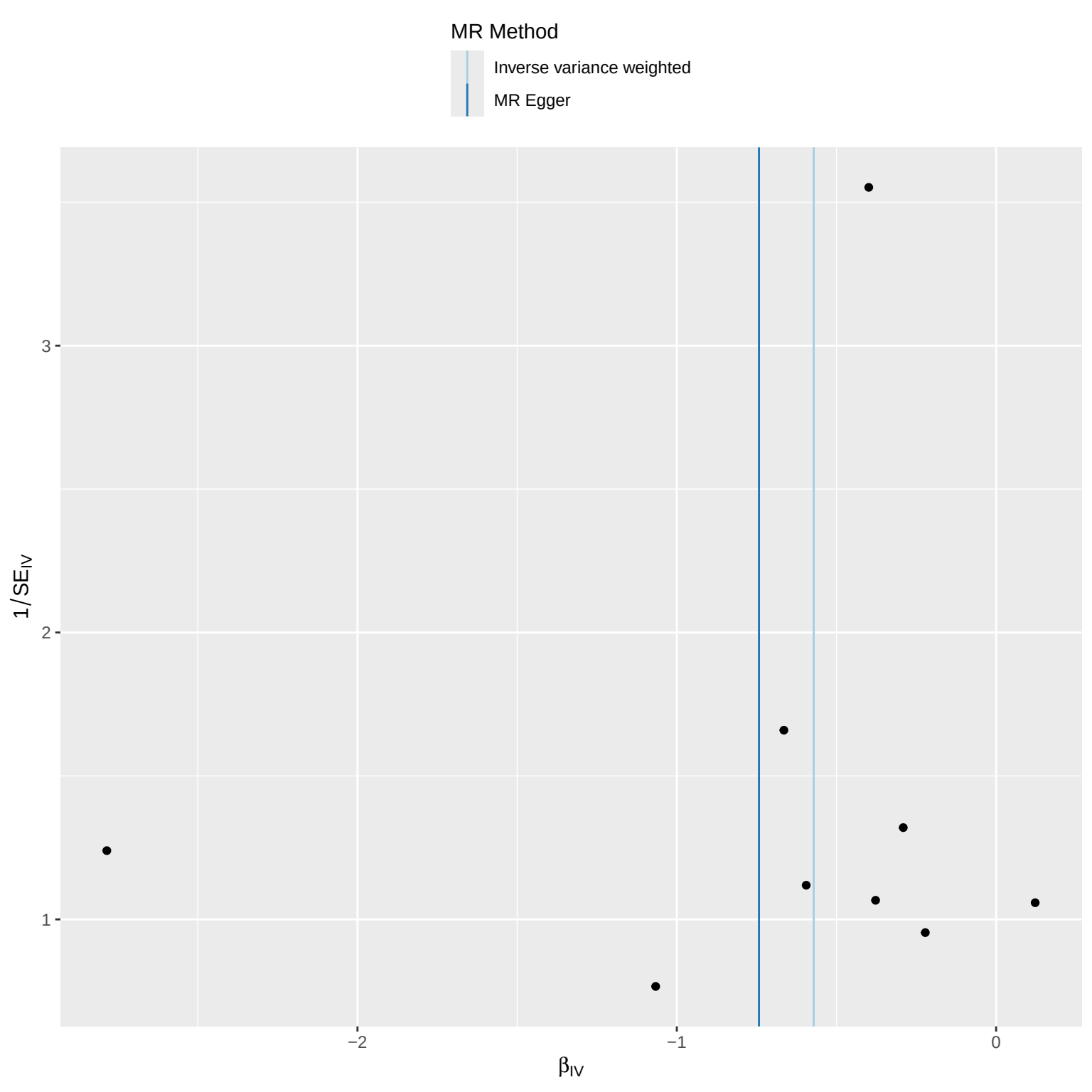

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

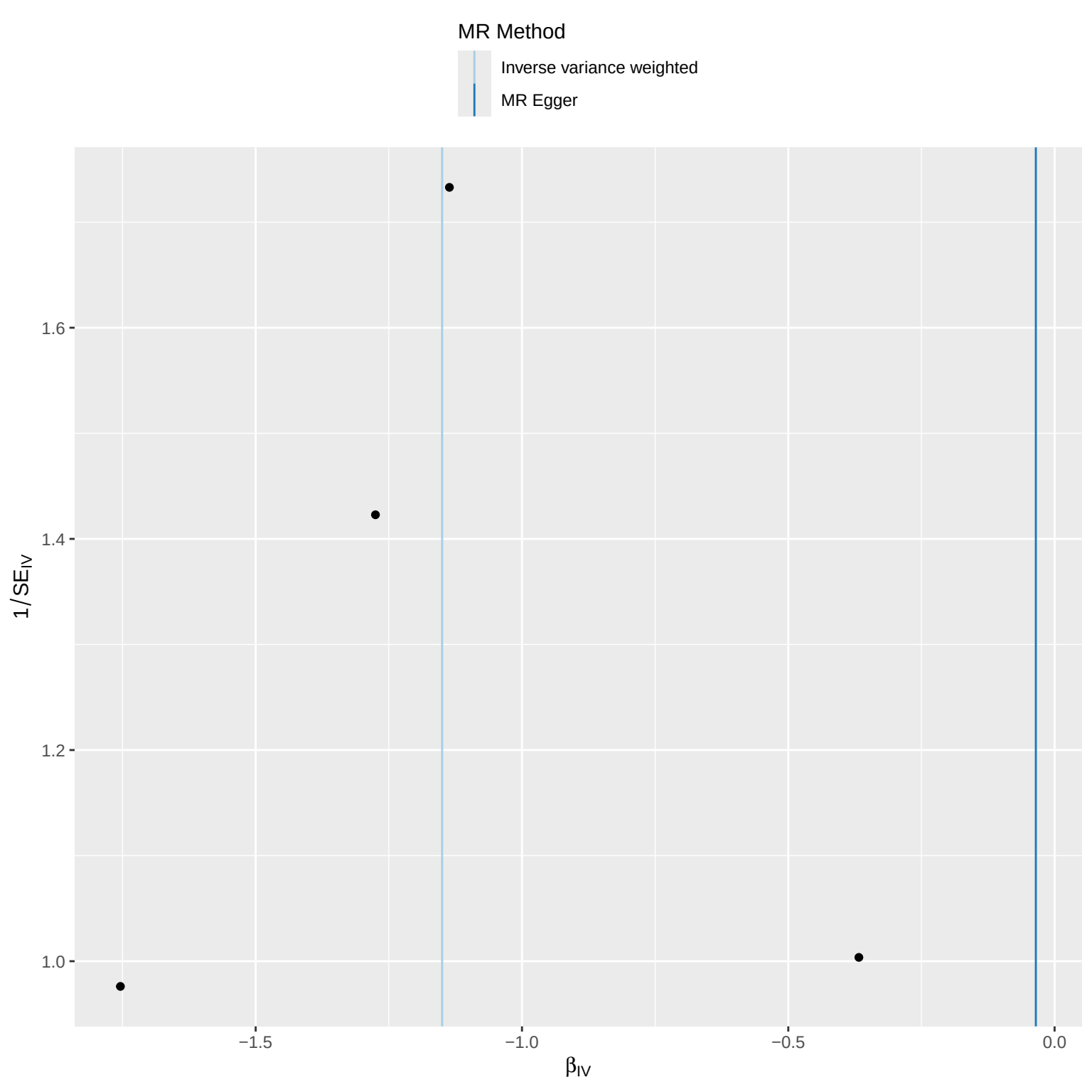

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

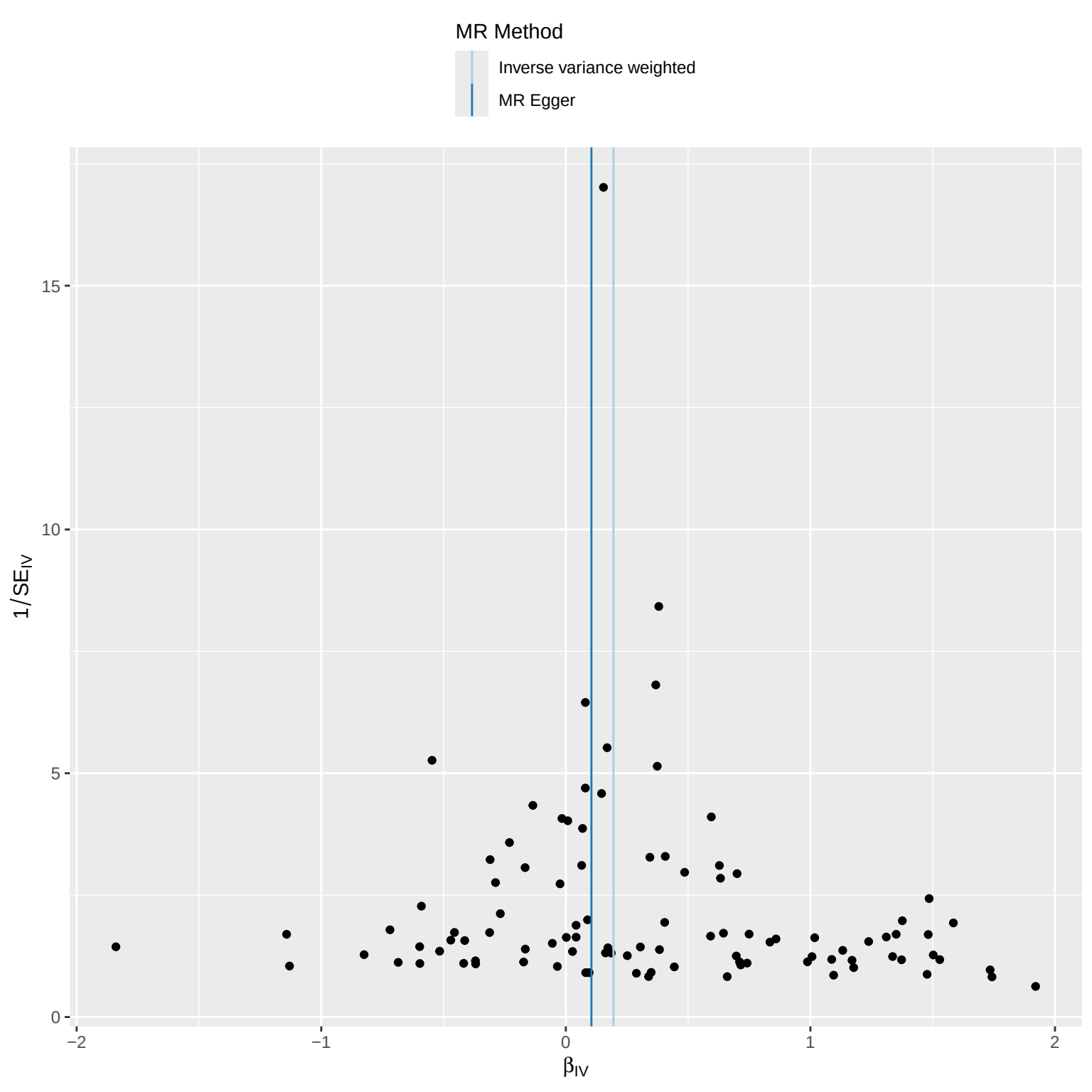

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

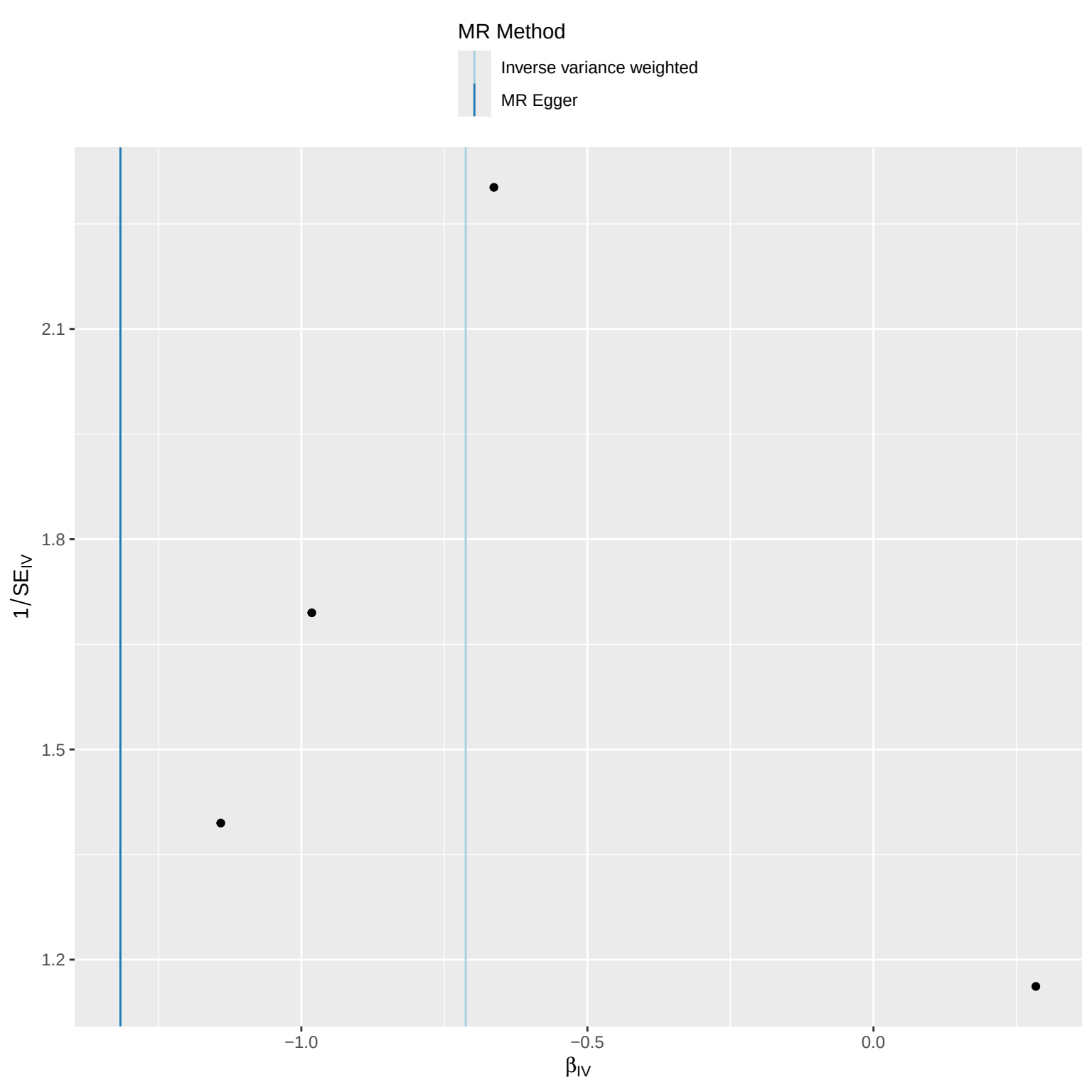

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

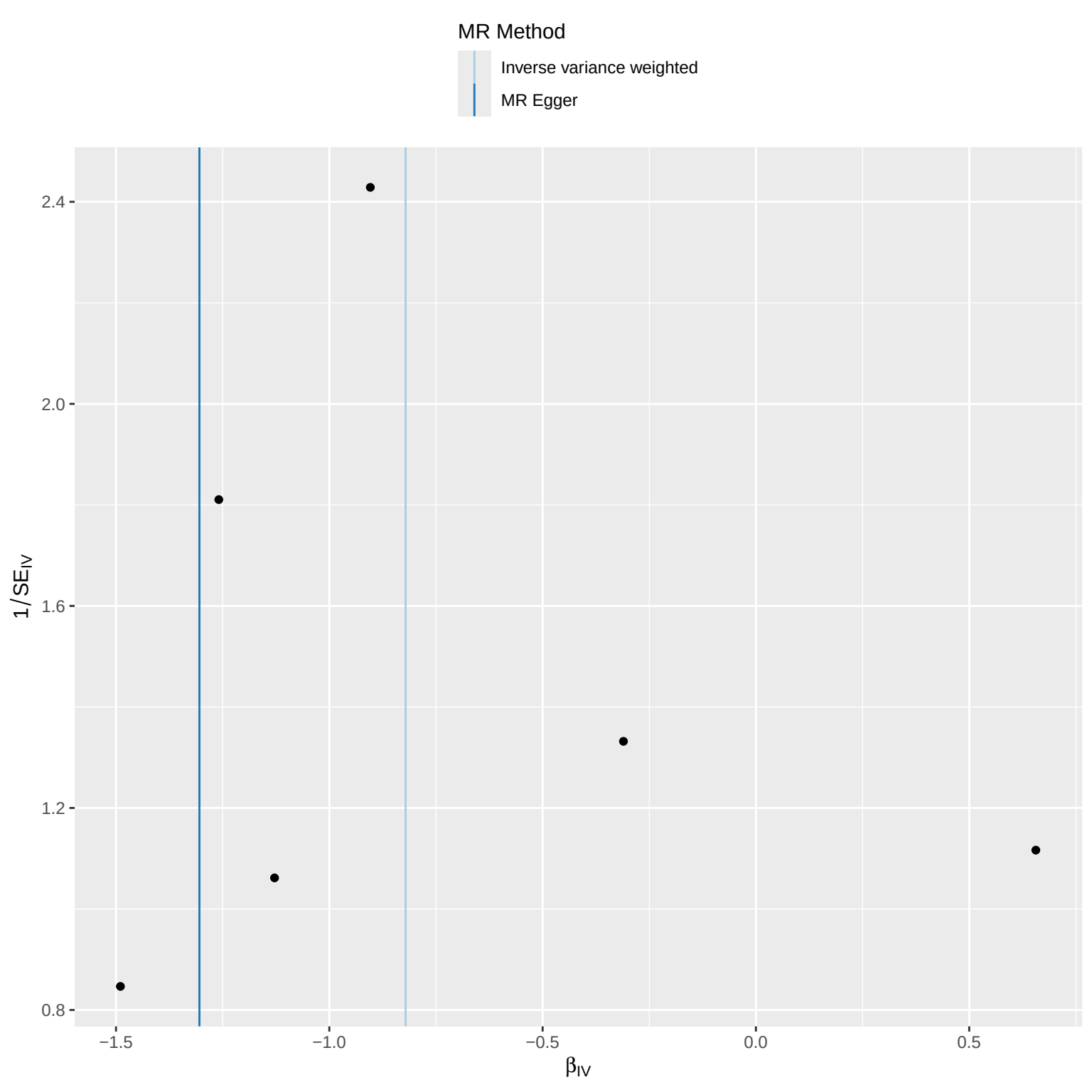

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

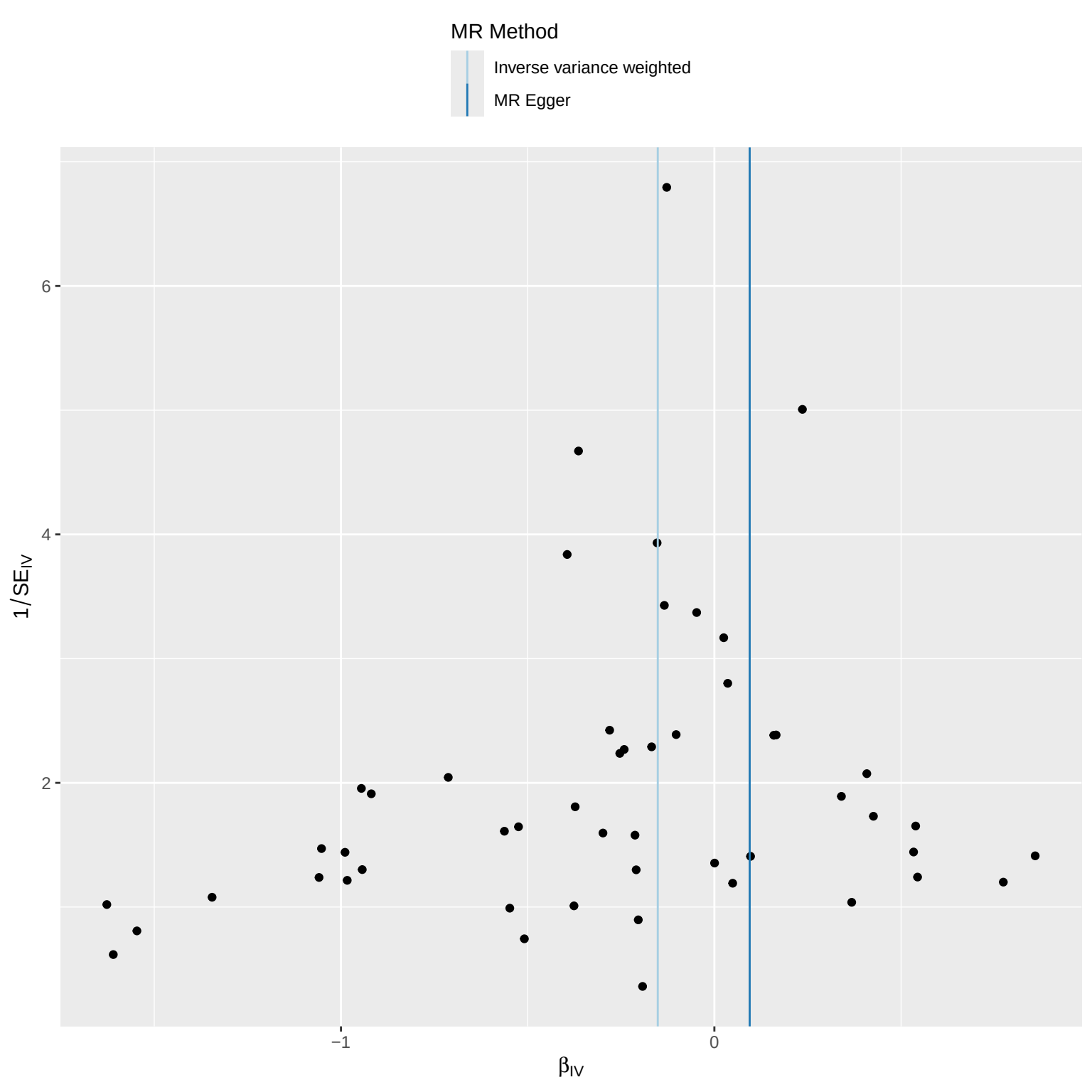

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

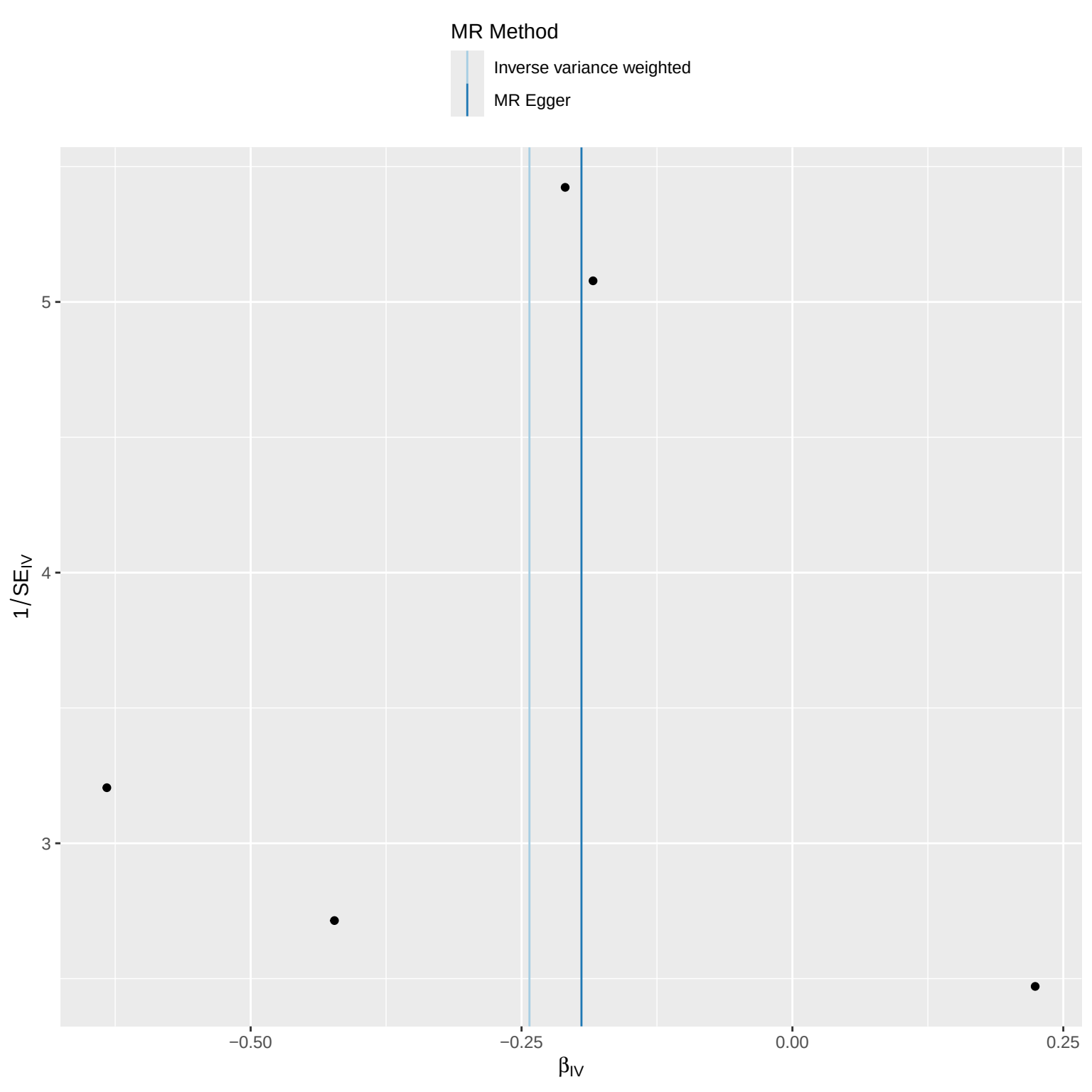

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

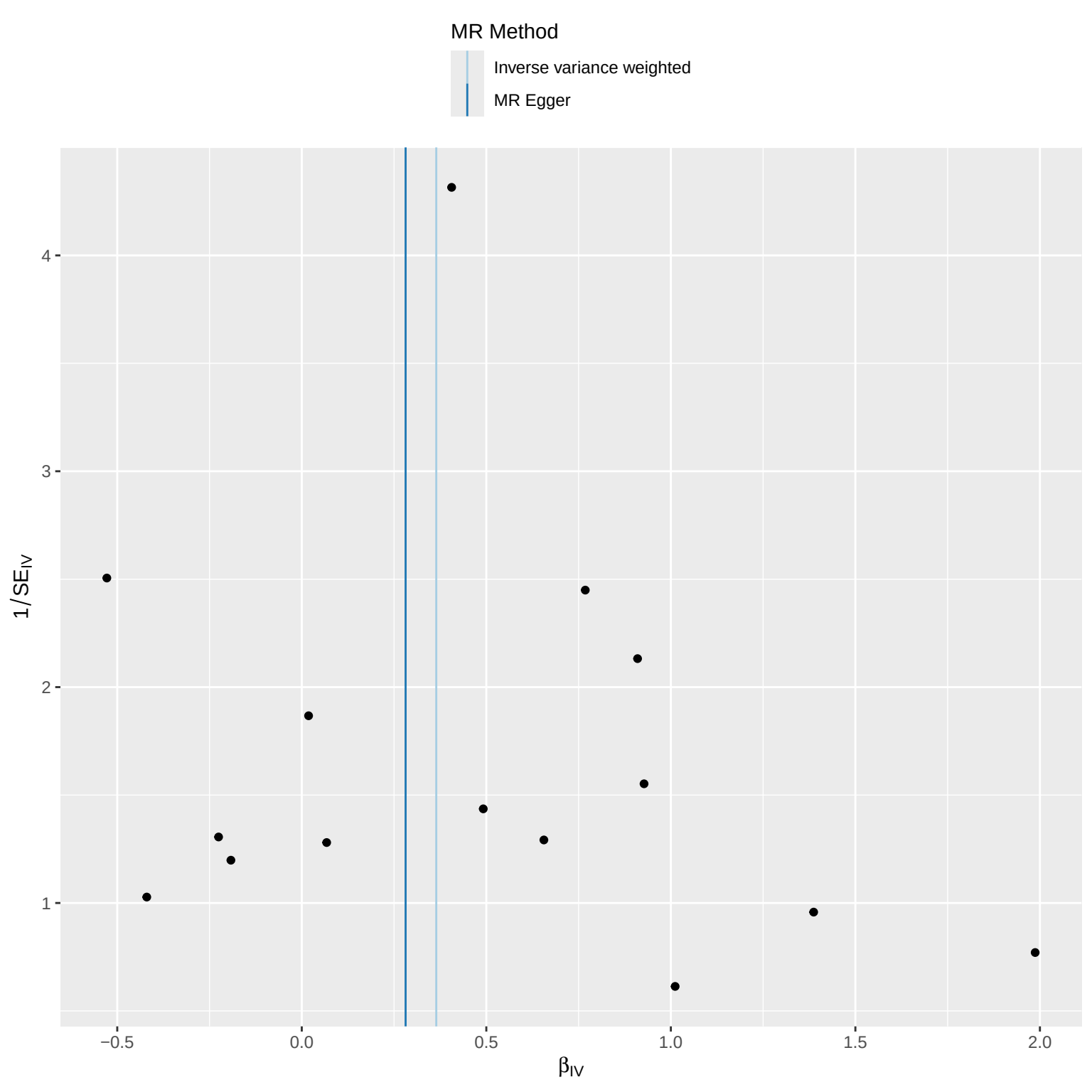

MR Method
Inverse variance weighted
MR Egger
15
10
5
0
1/SE_IV
−2
−1
0
1
2
β_IV

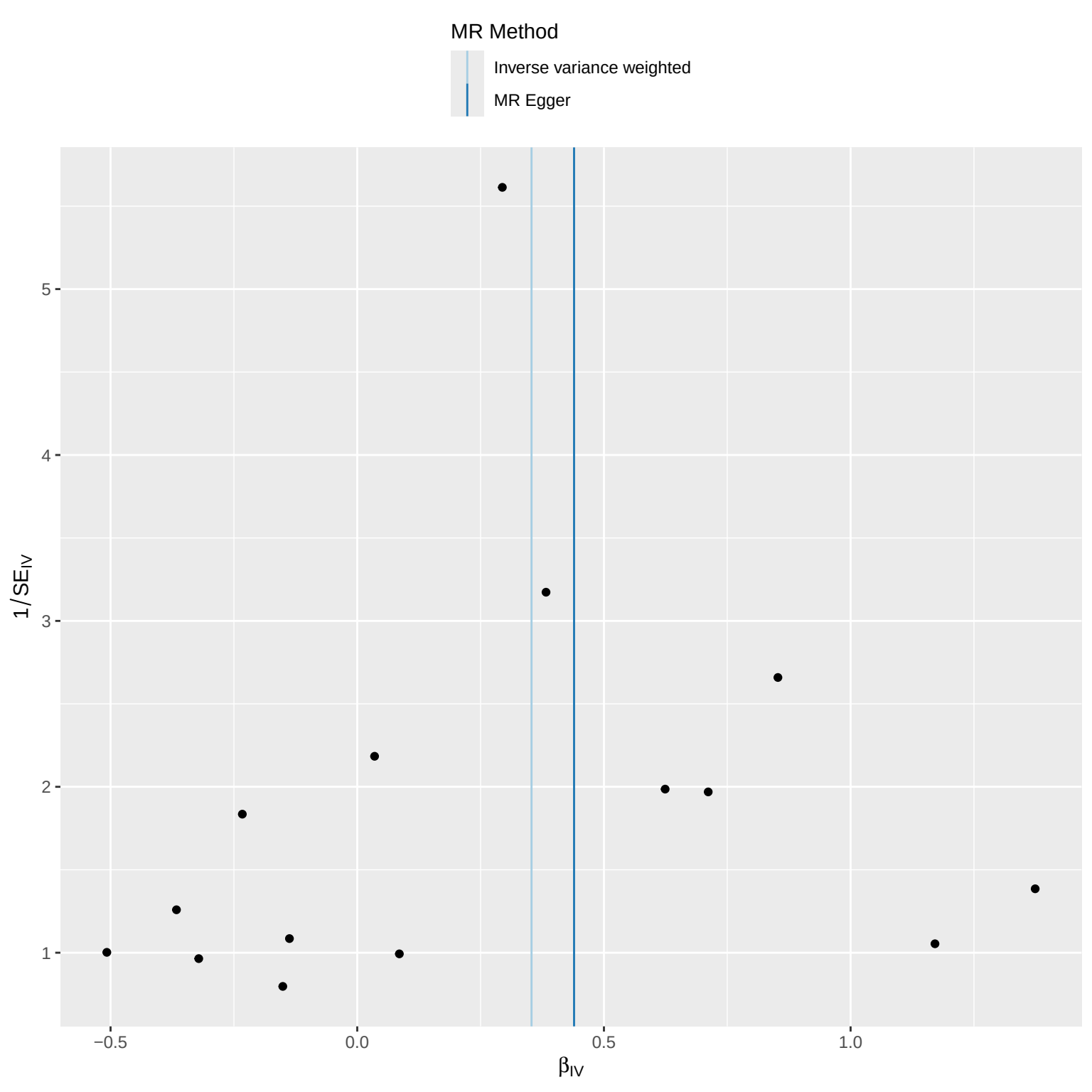

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
−1.0
−0.5
0.0
β_IV

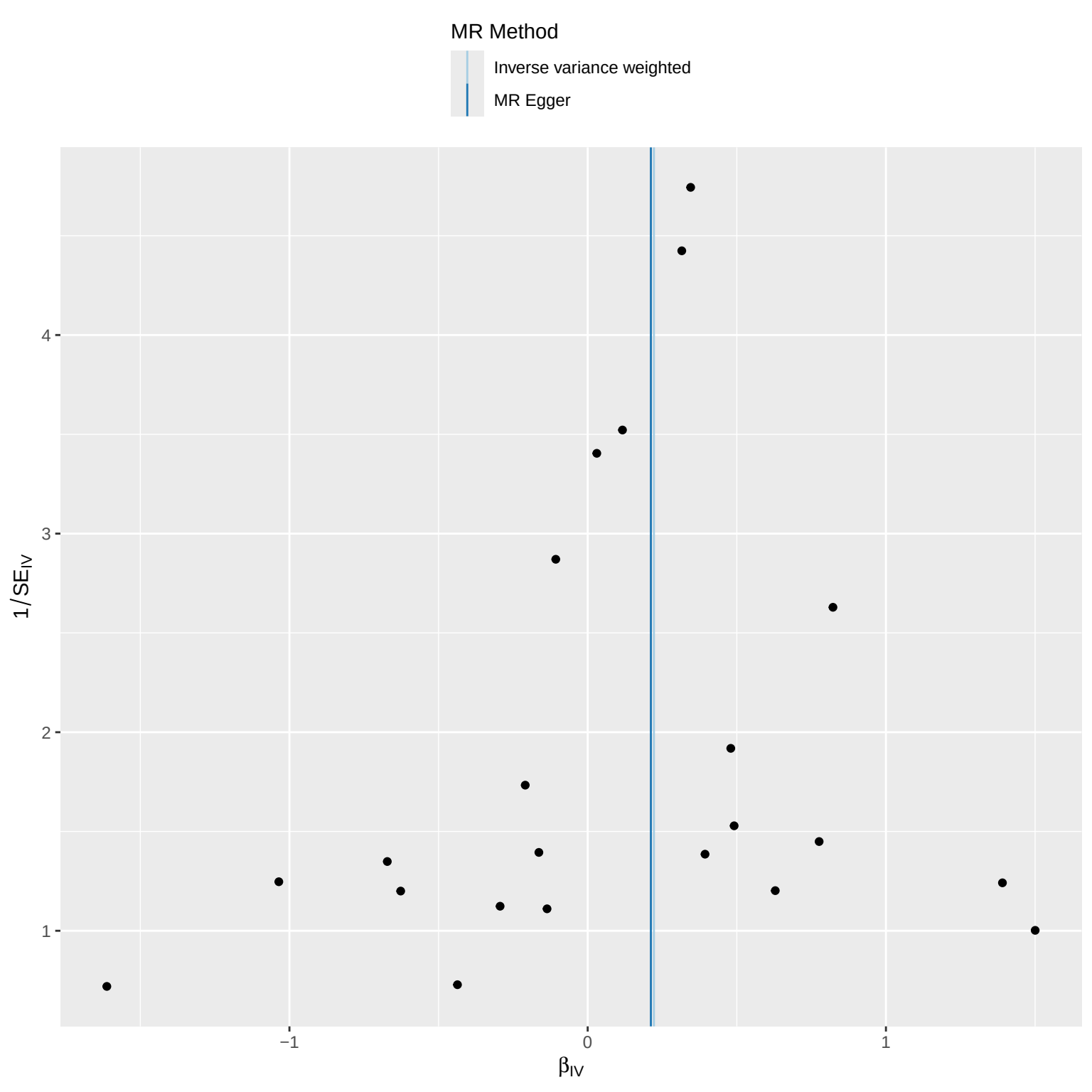

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

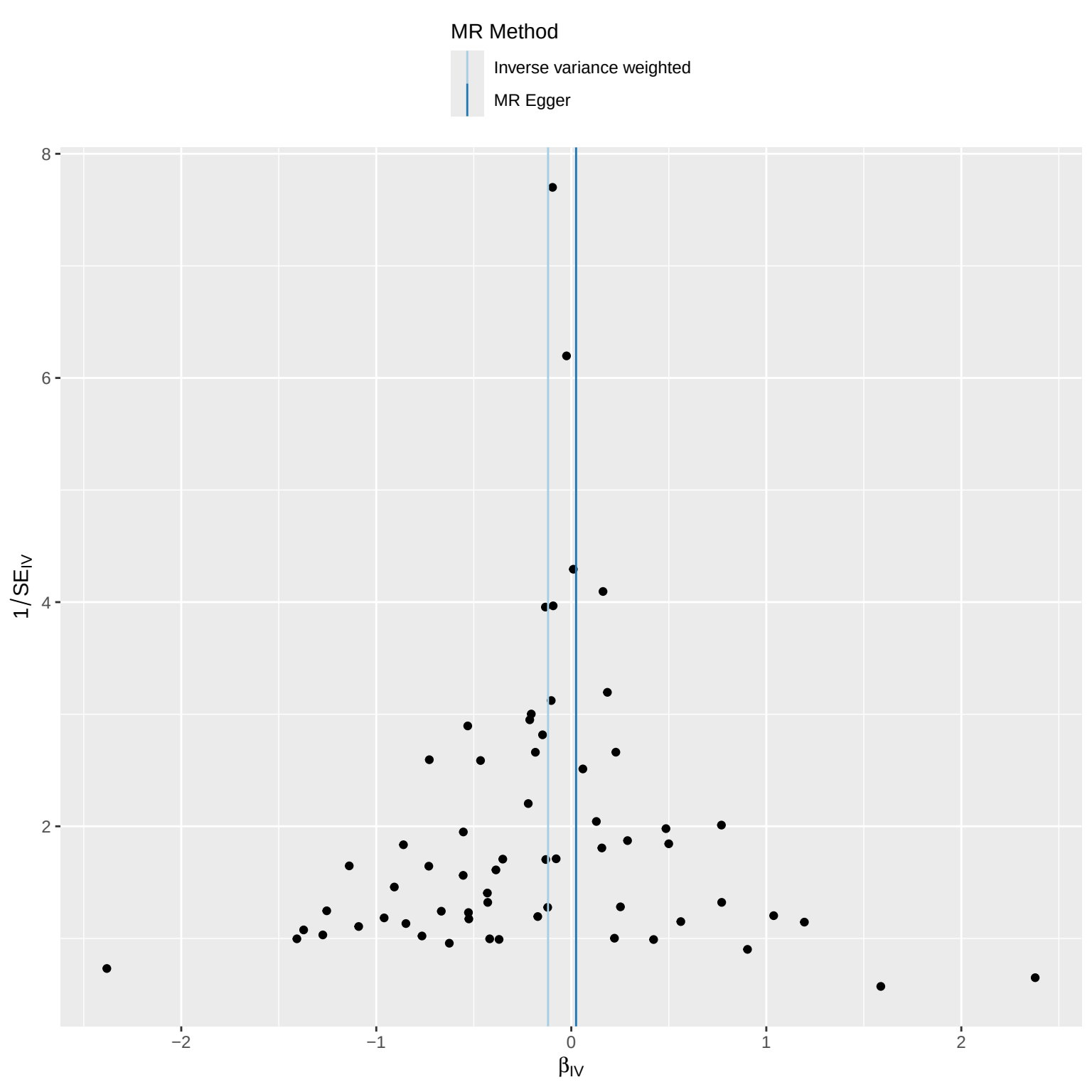

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
β_IV

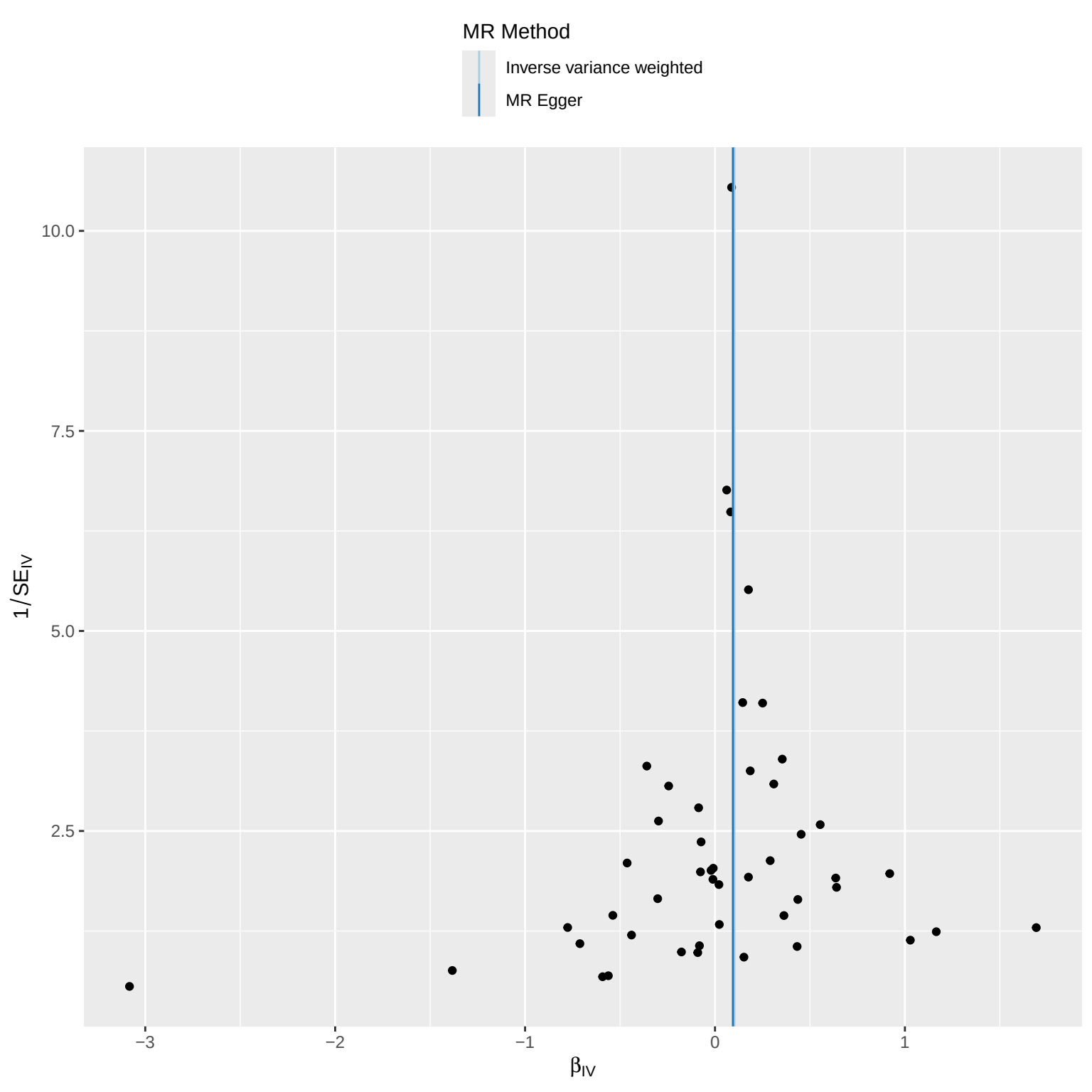

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

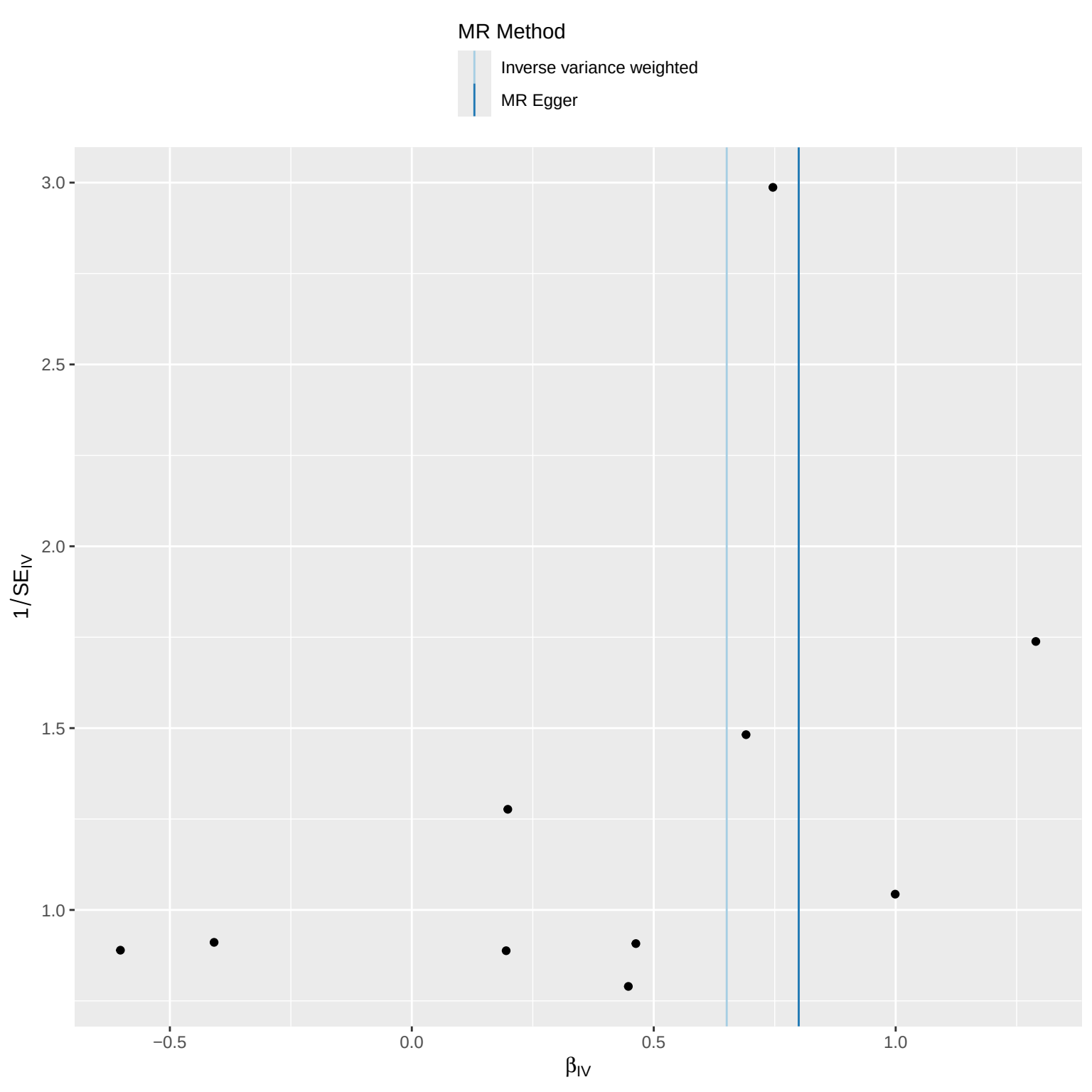

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

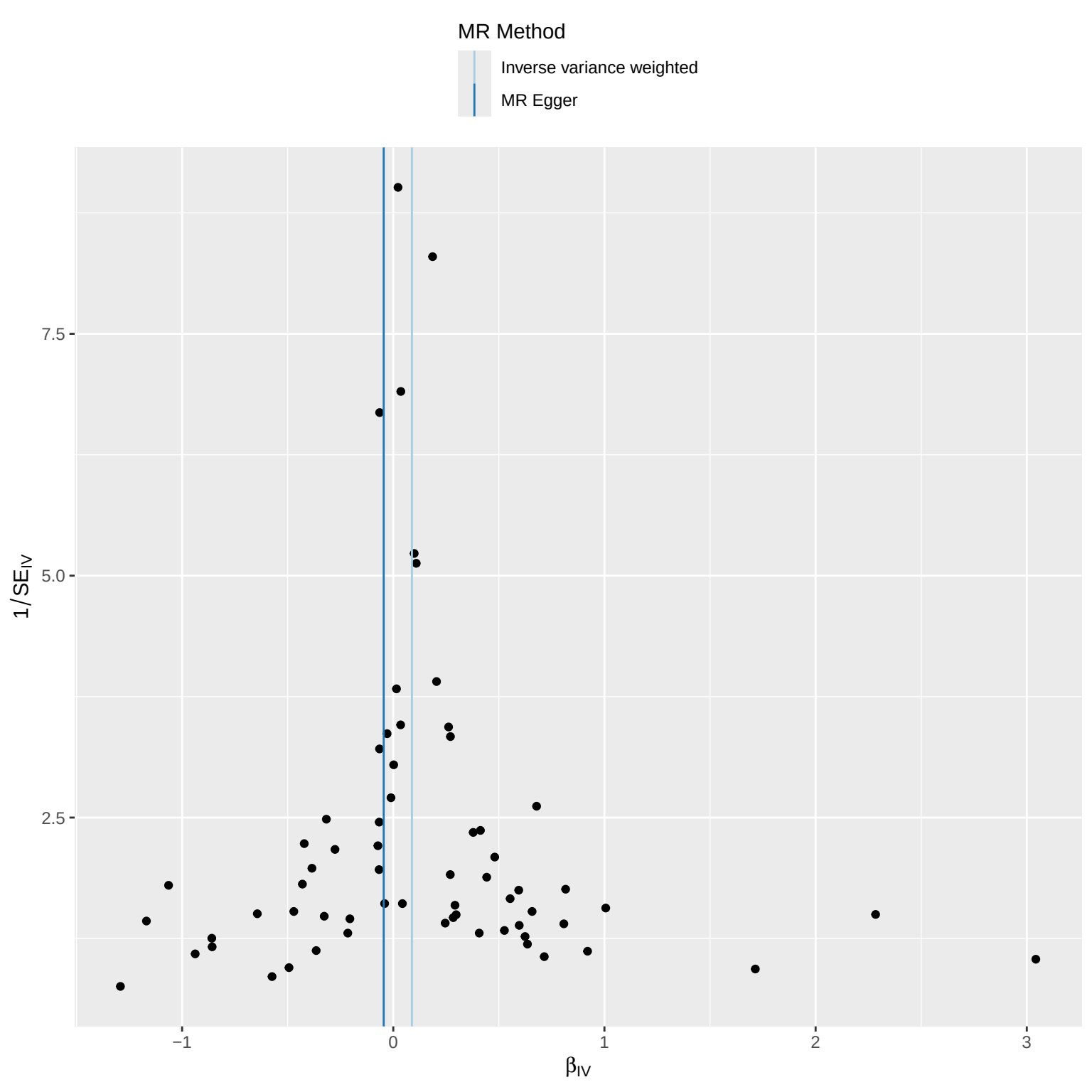

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

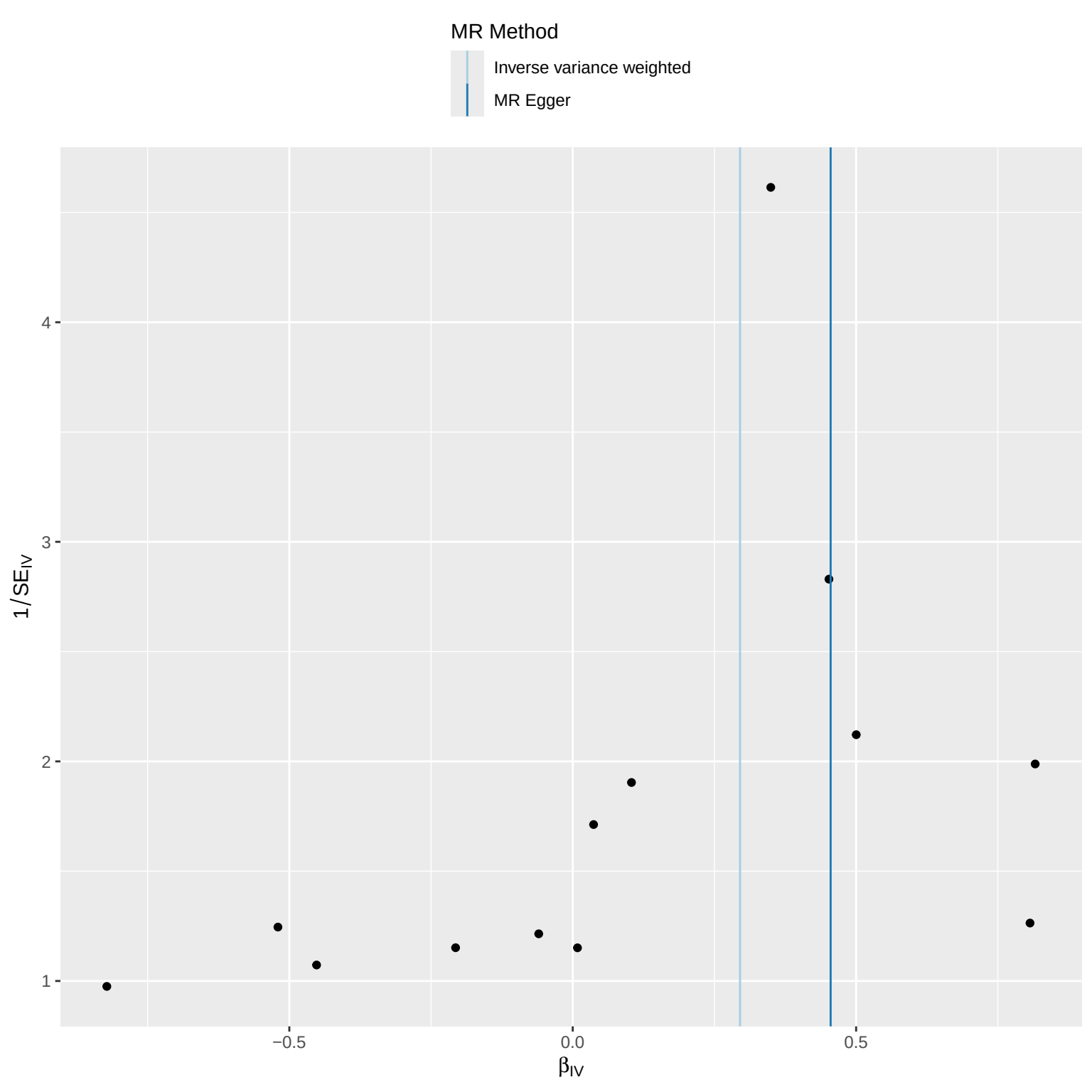

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

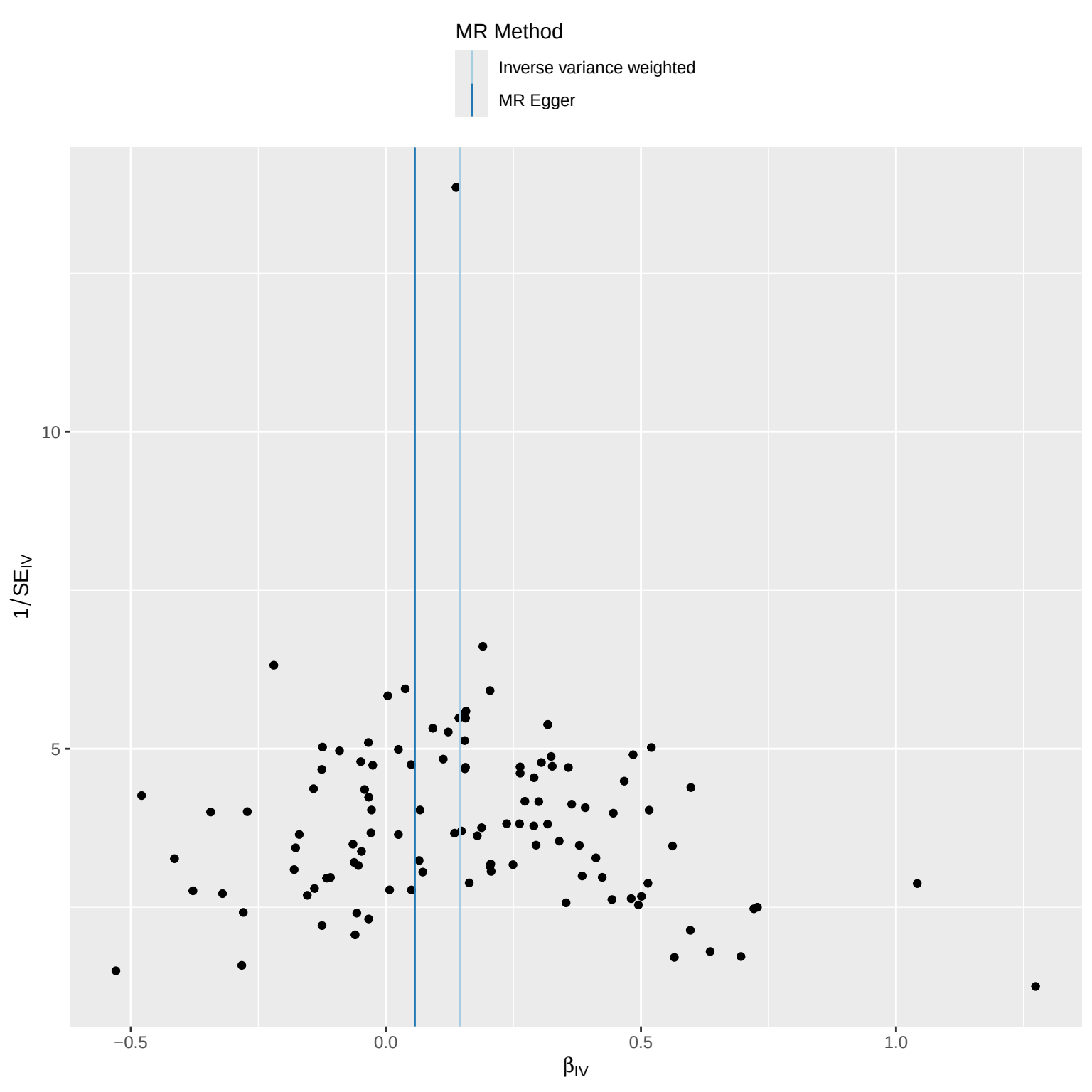

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

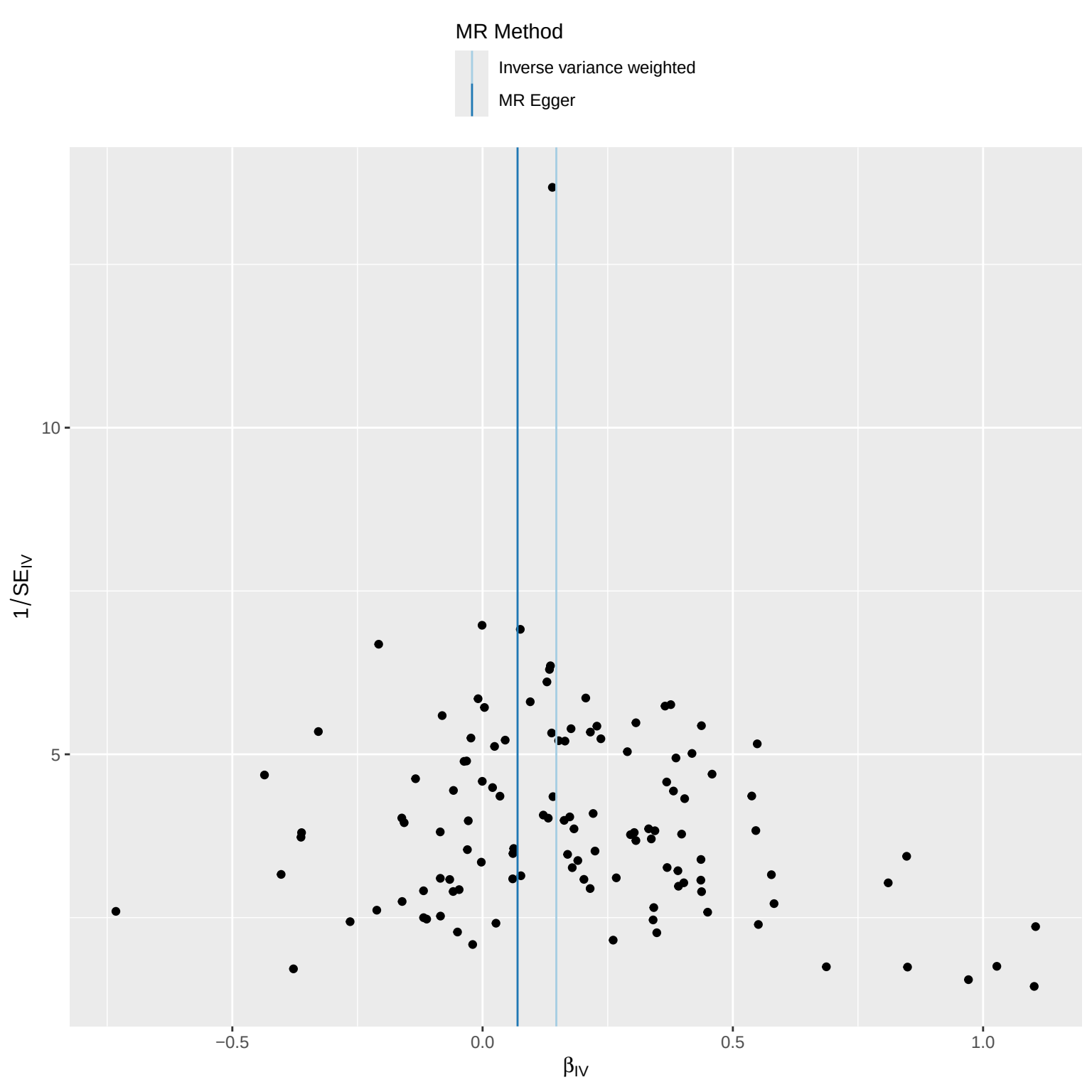

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−3
−2
−1
0
1
β_IV

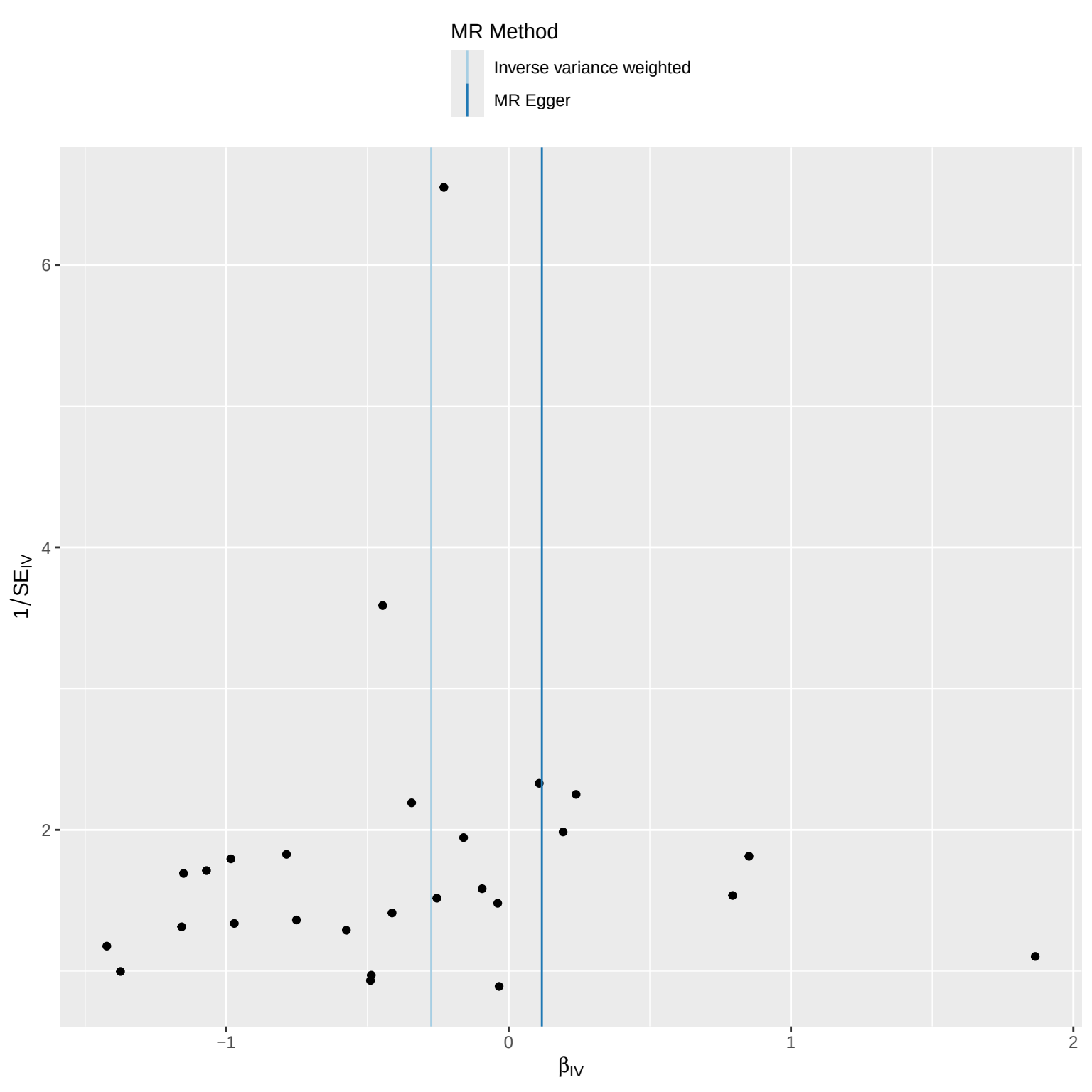

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

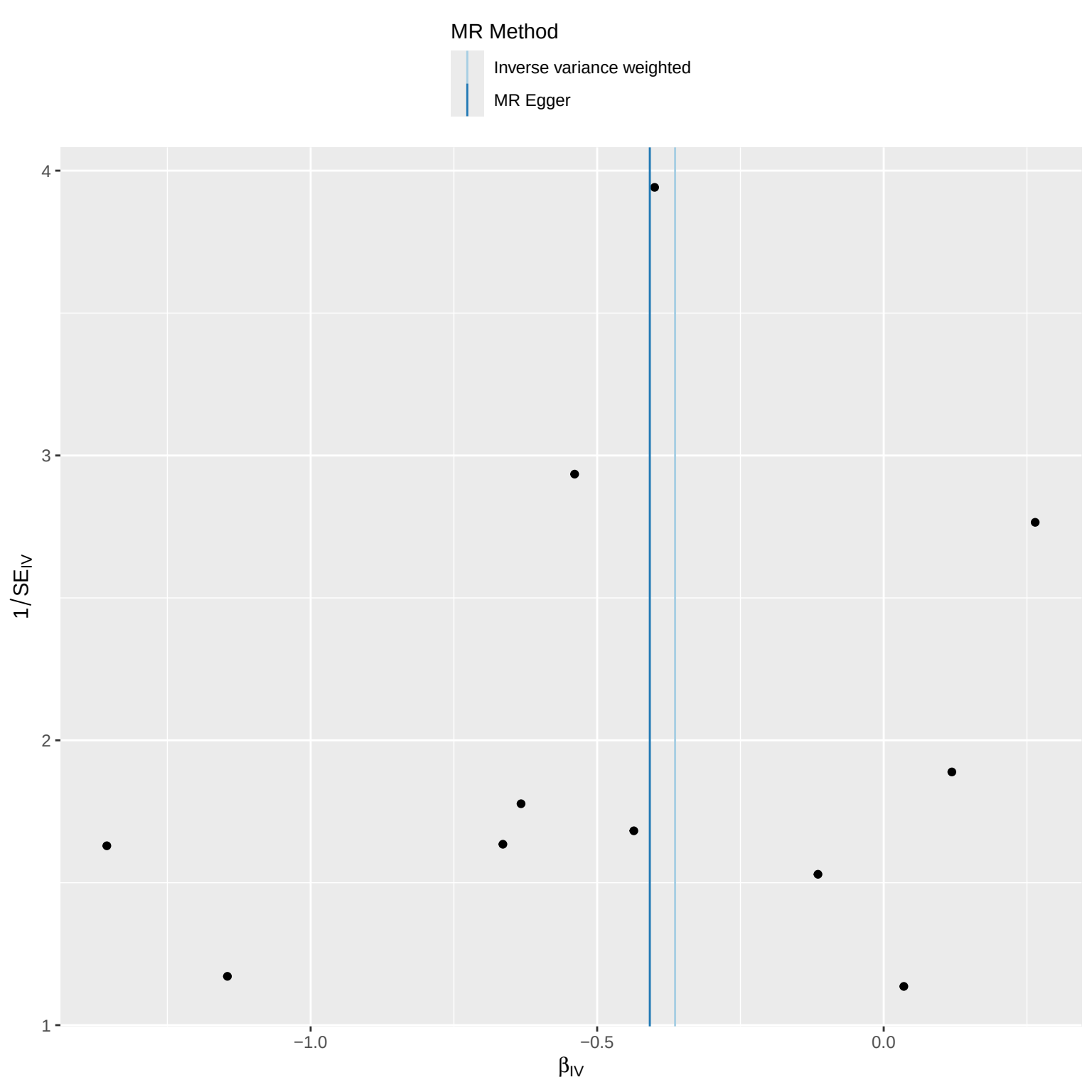

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
3
β_IV

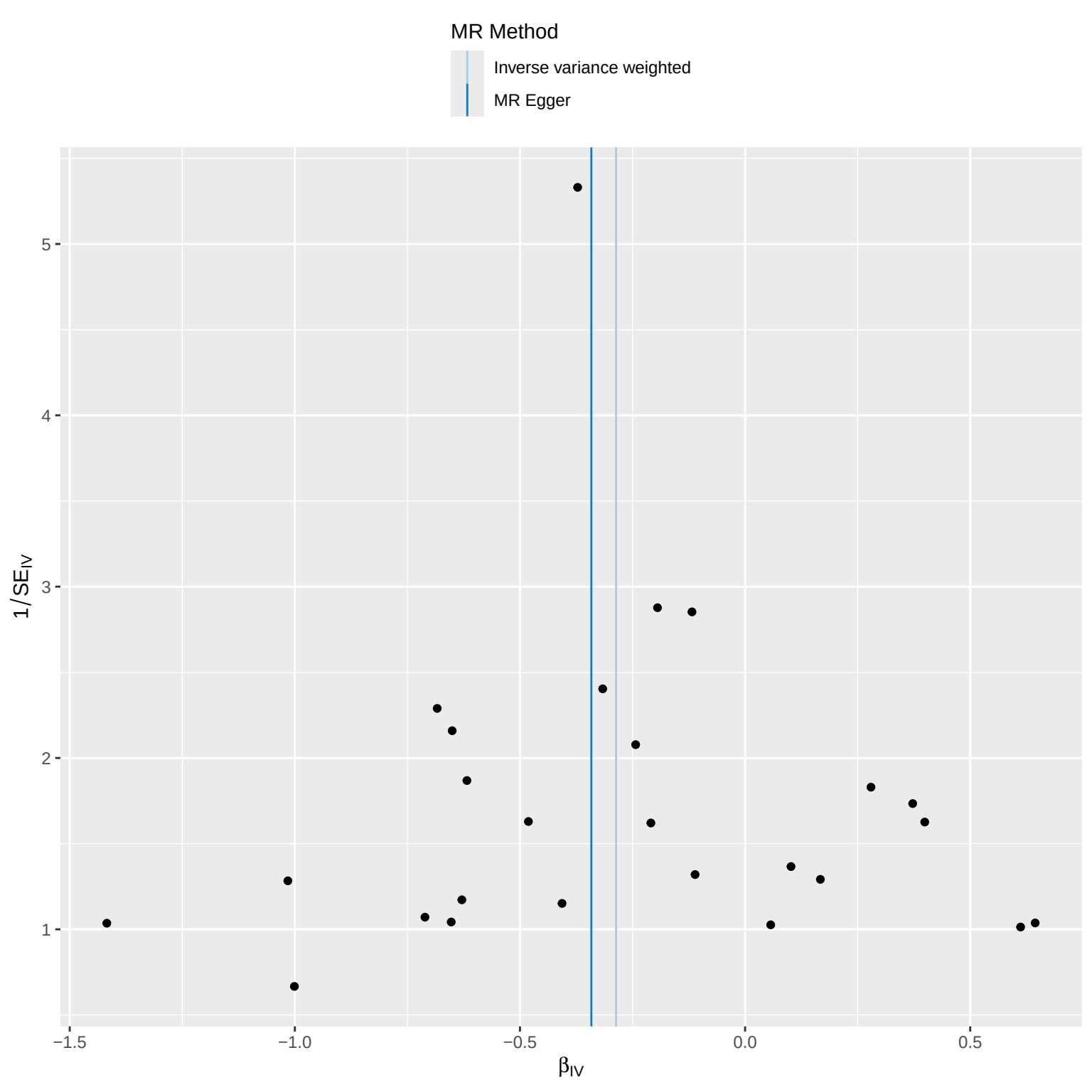

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
β_IV

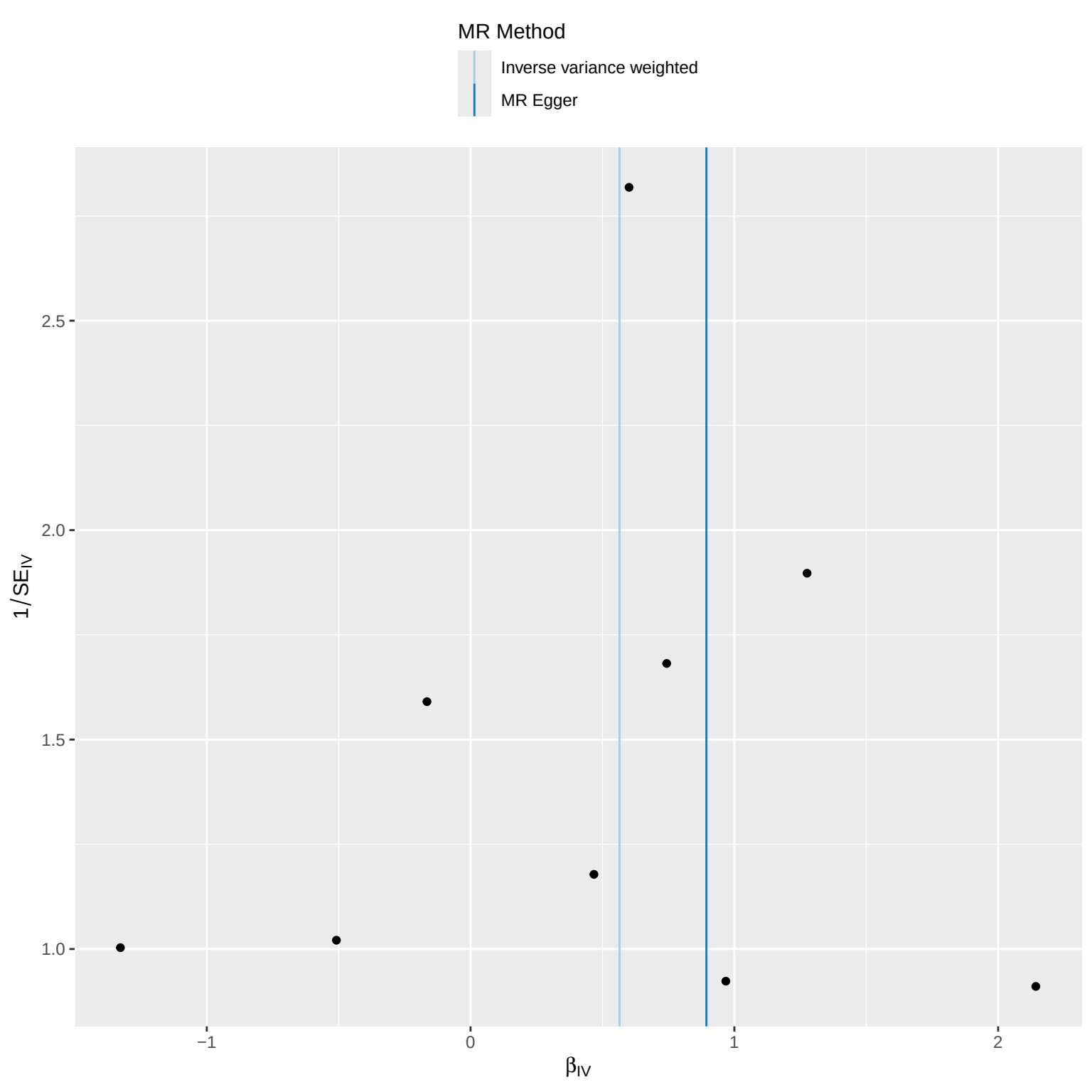

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

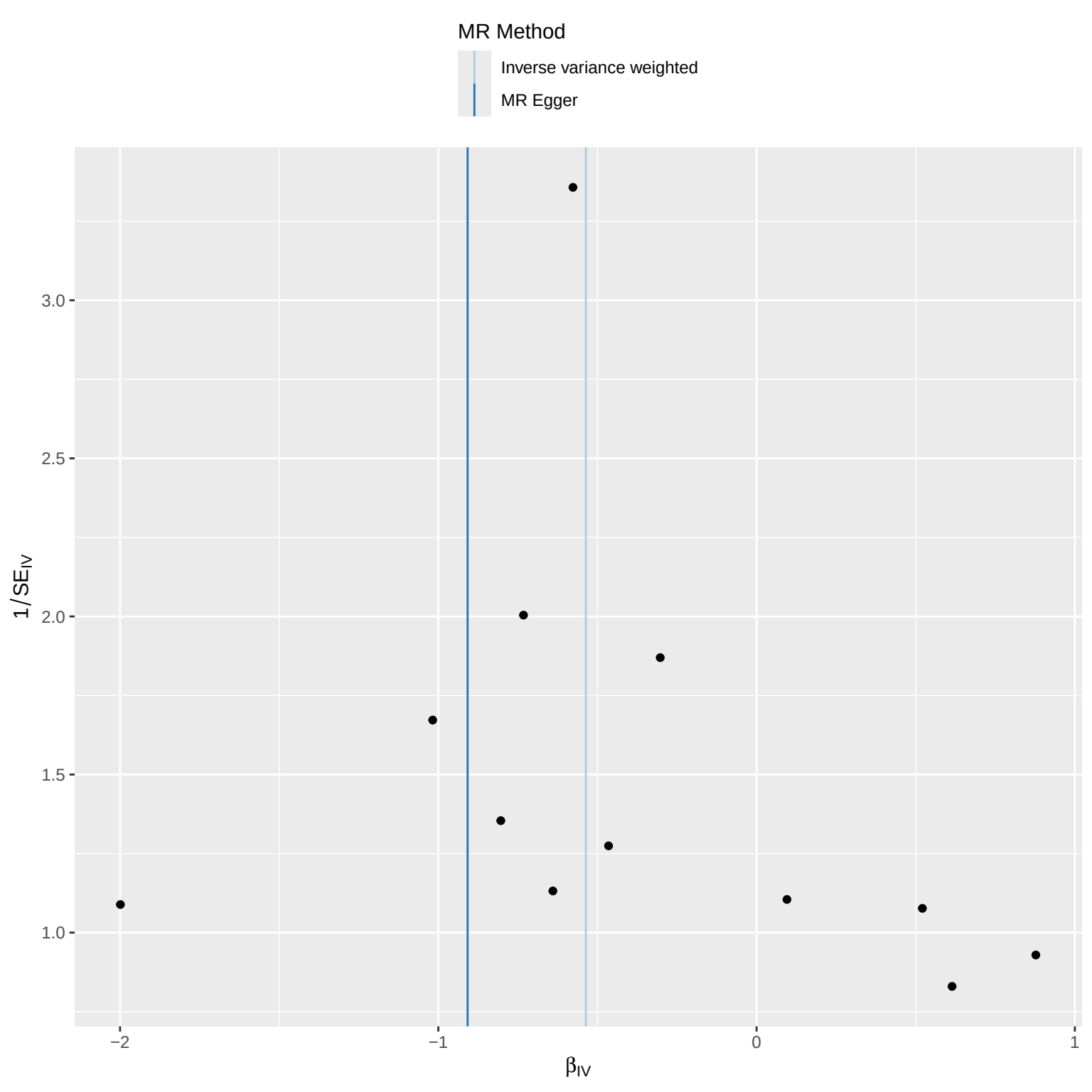

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

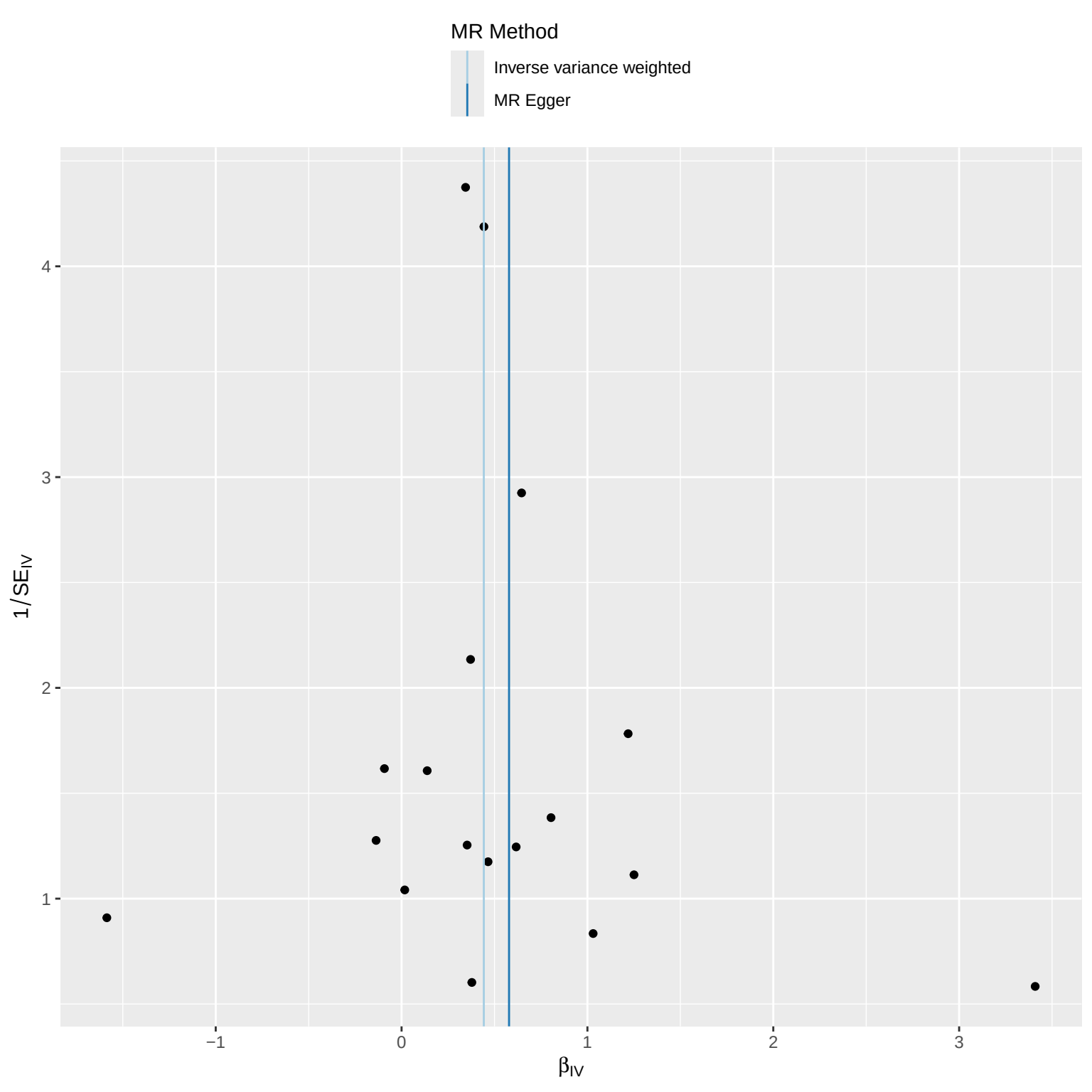

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

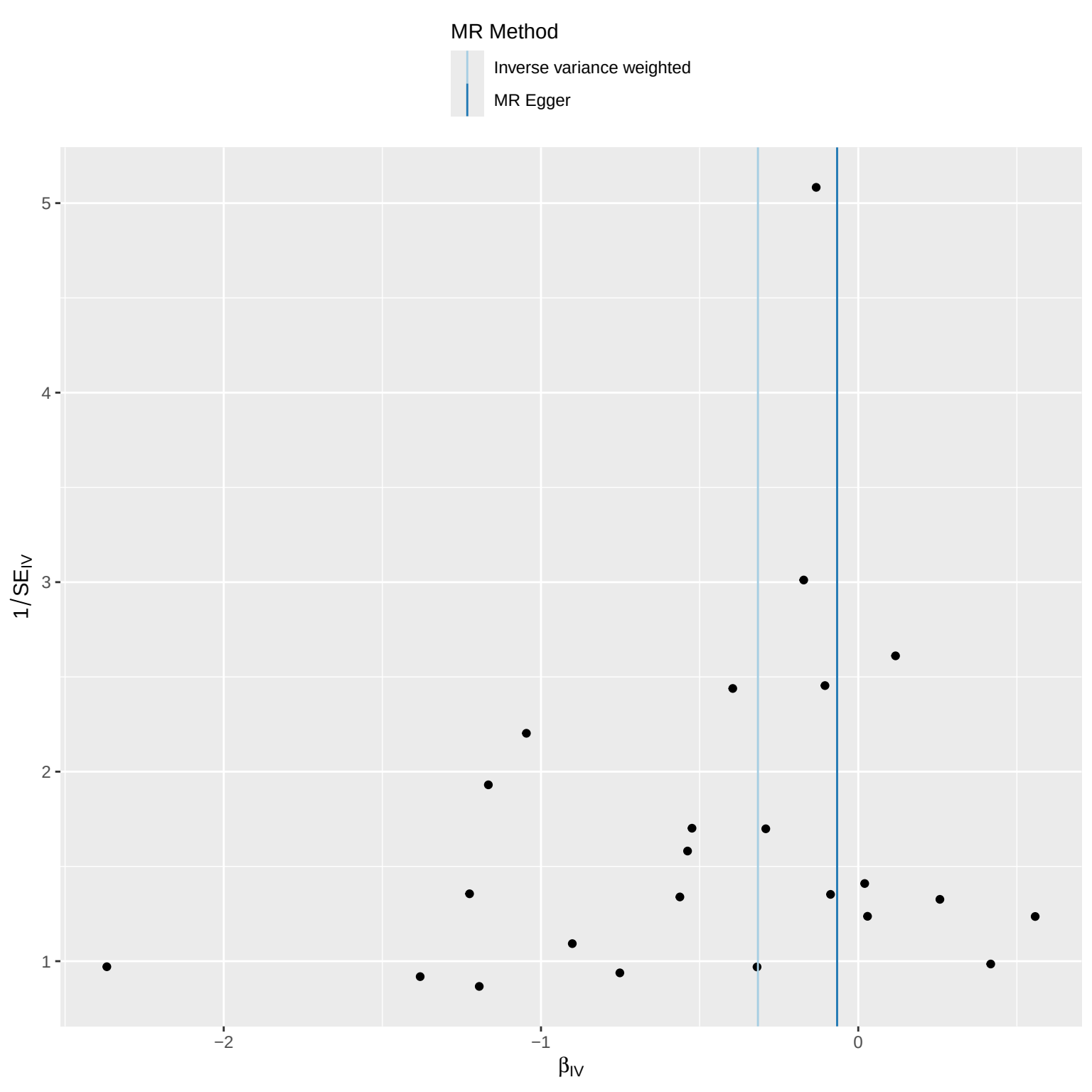

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
β_IV

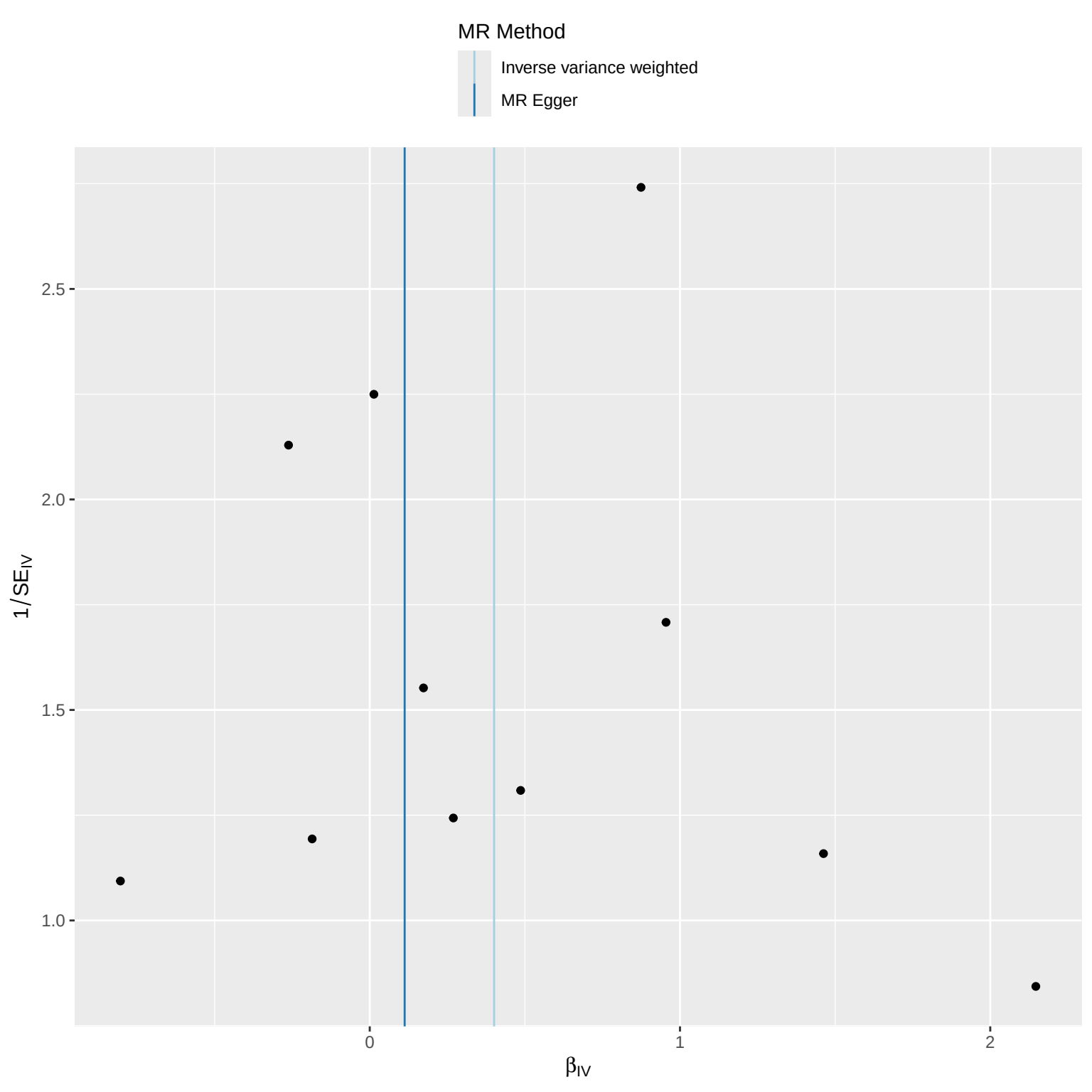

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5

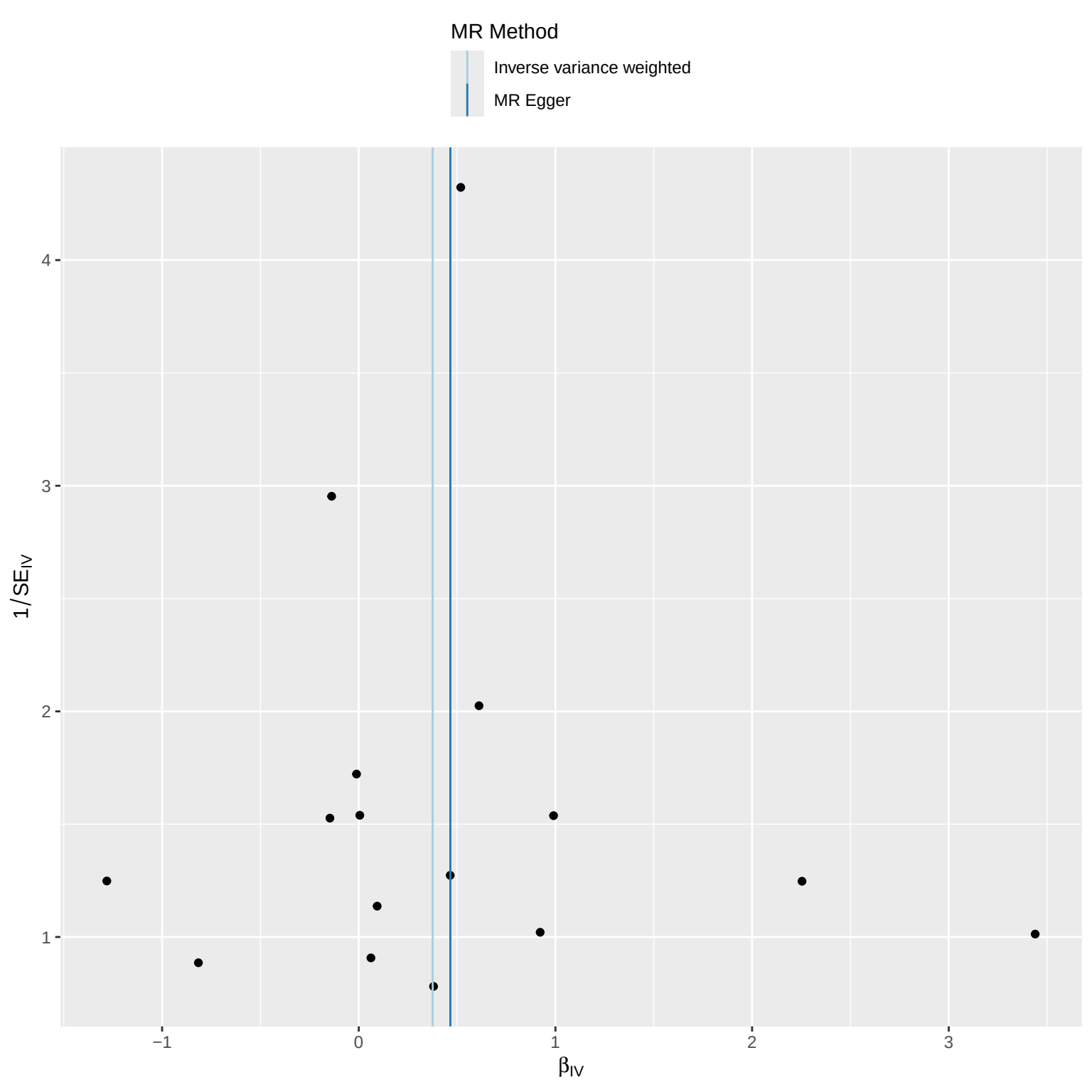

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

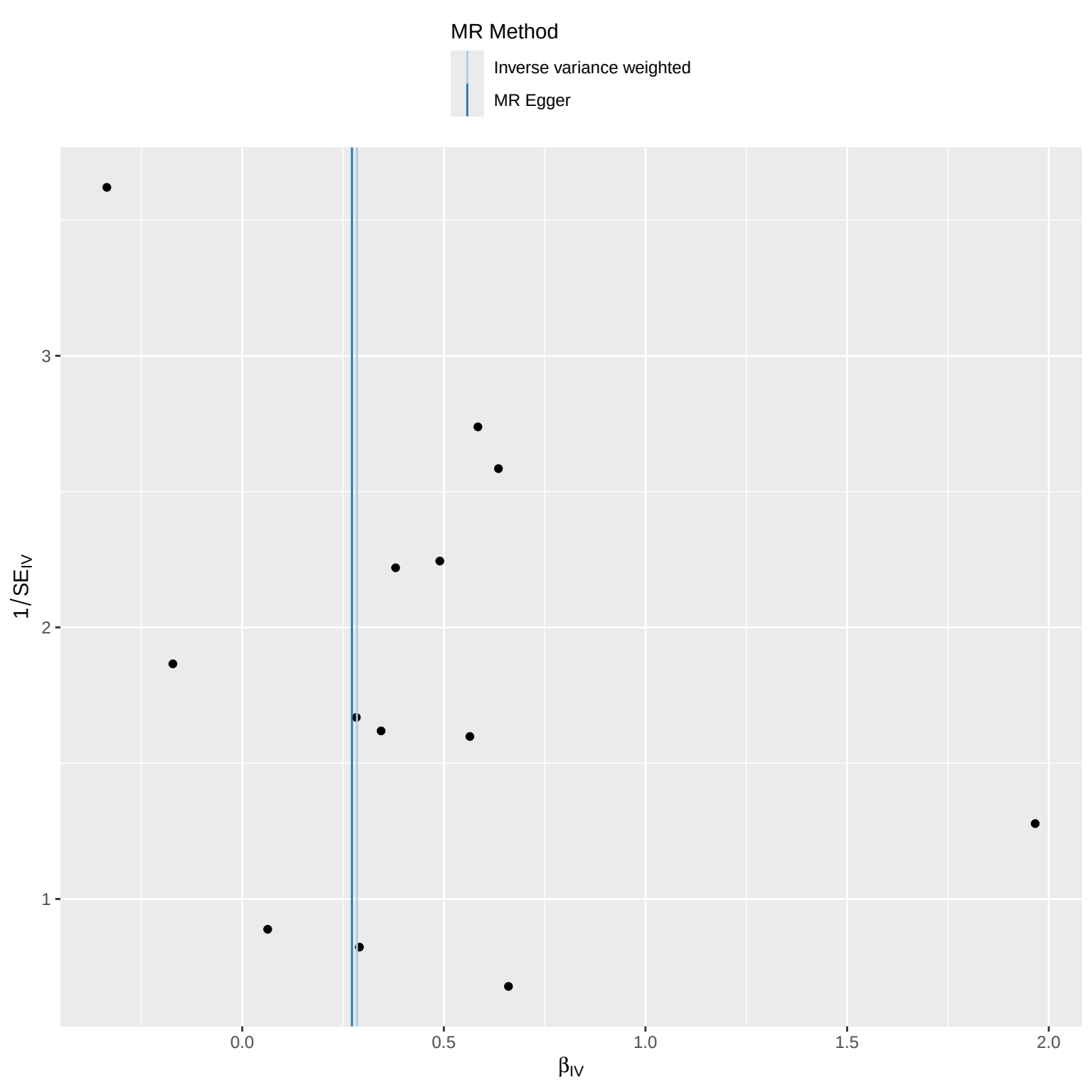

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

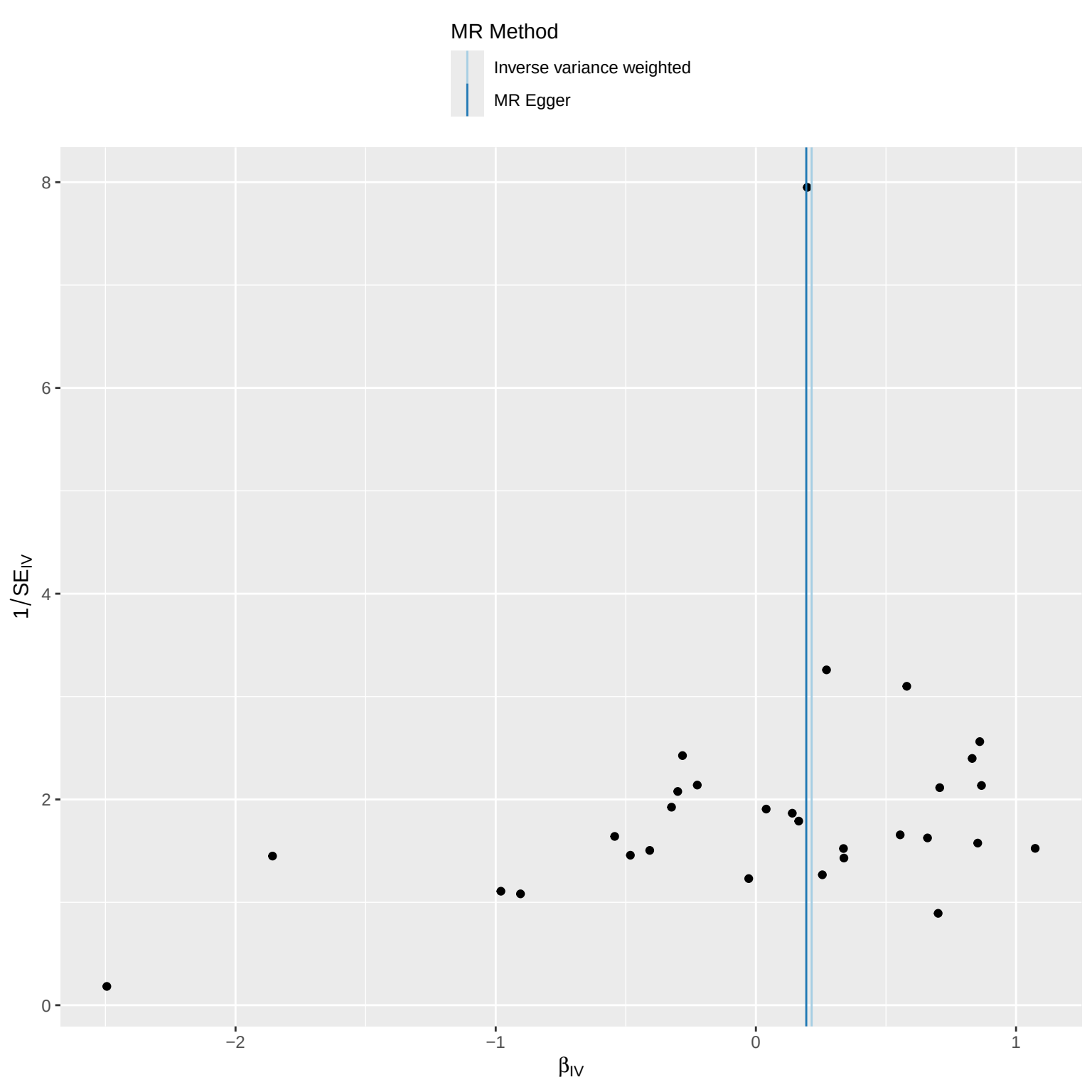

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

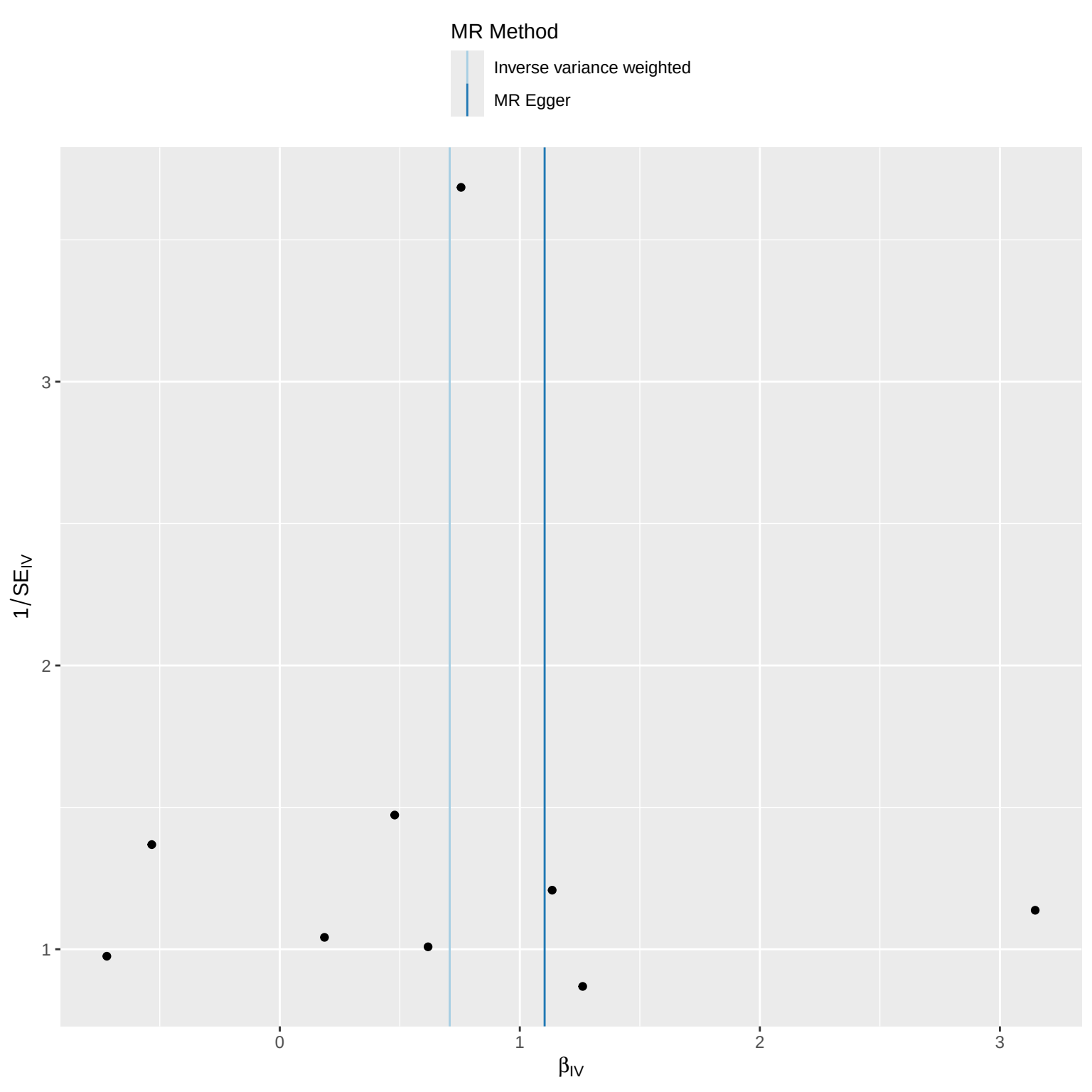

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

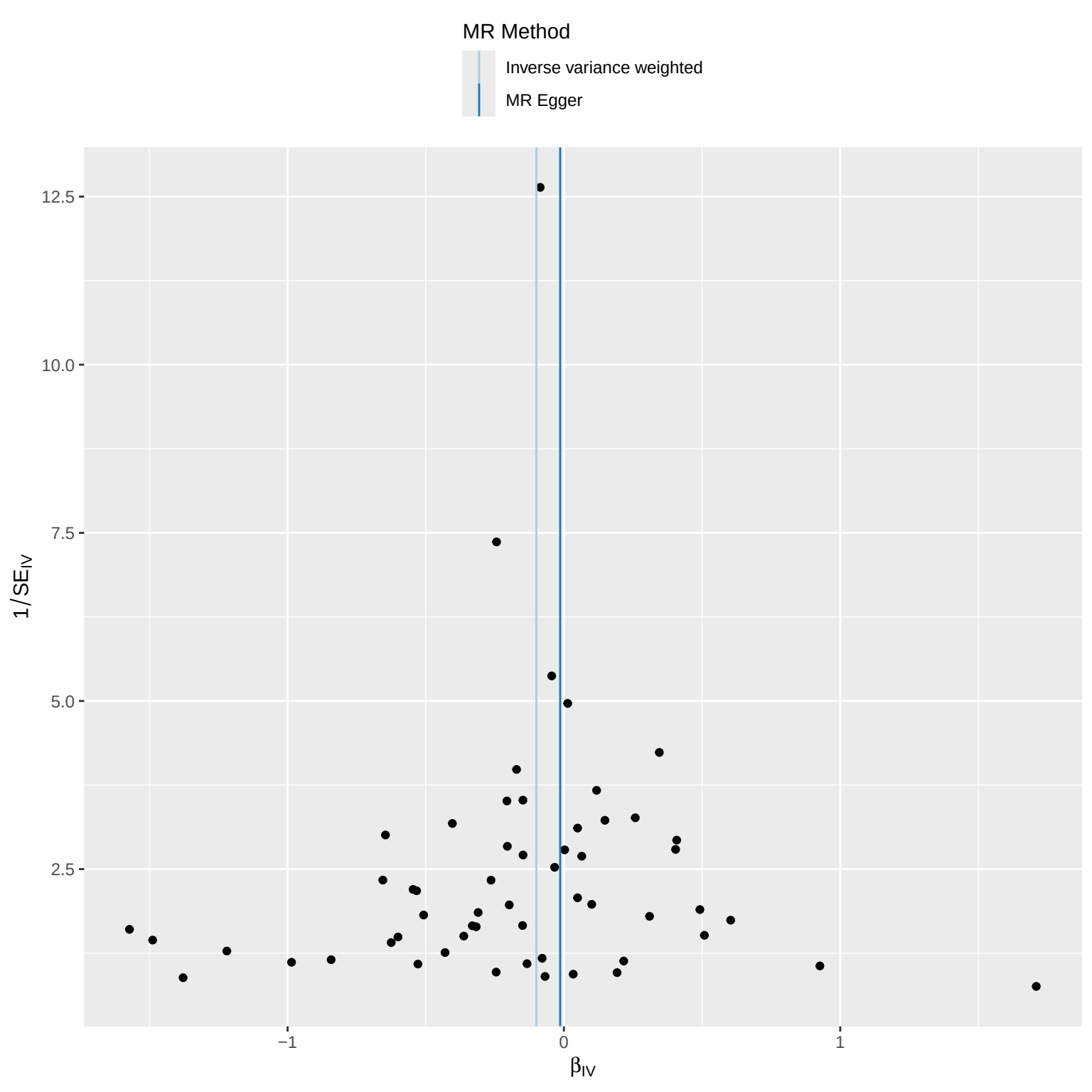

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

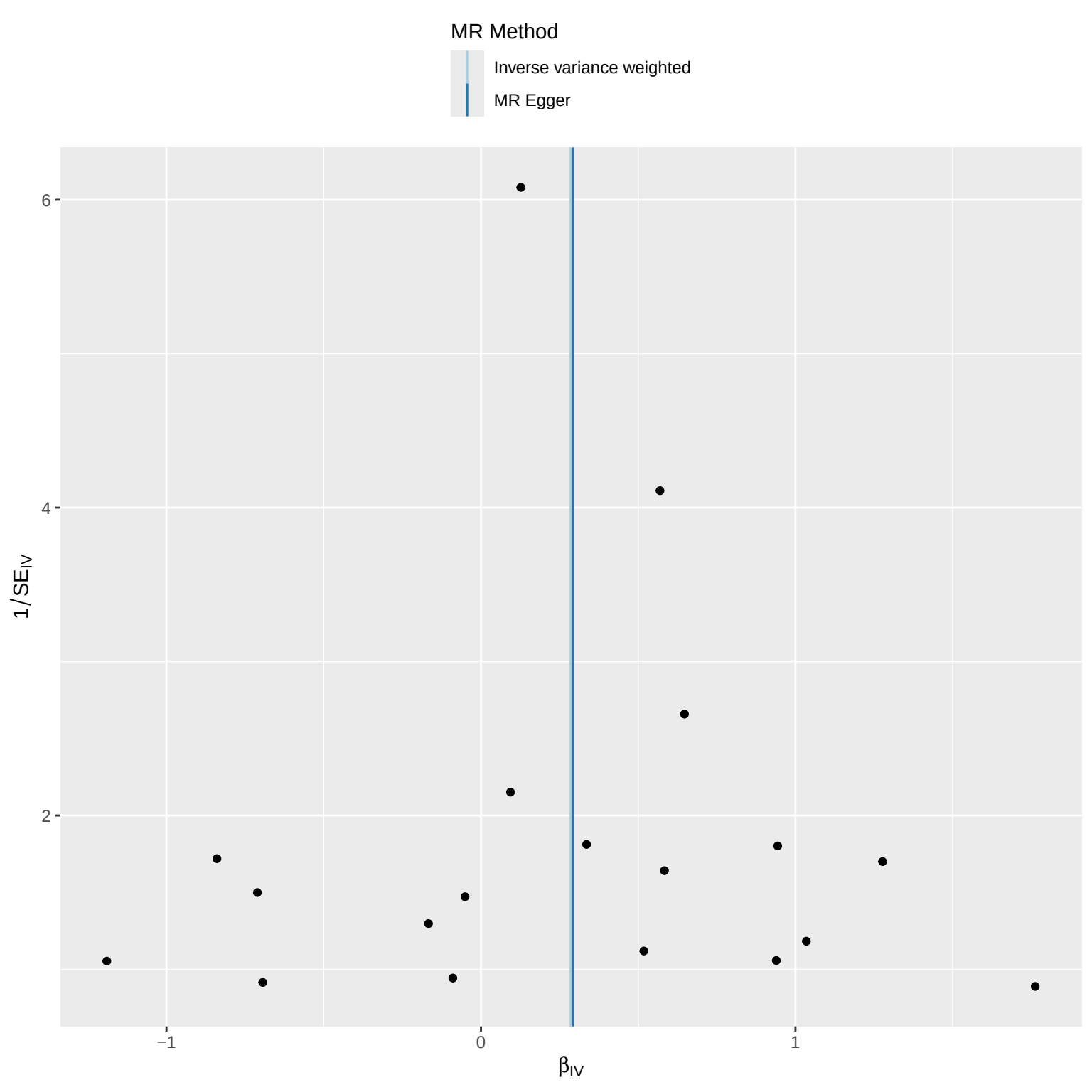

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

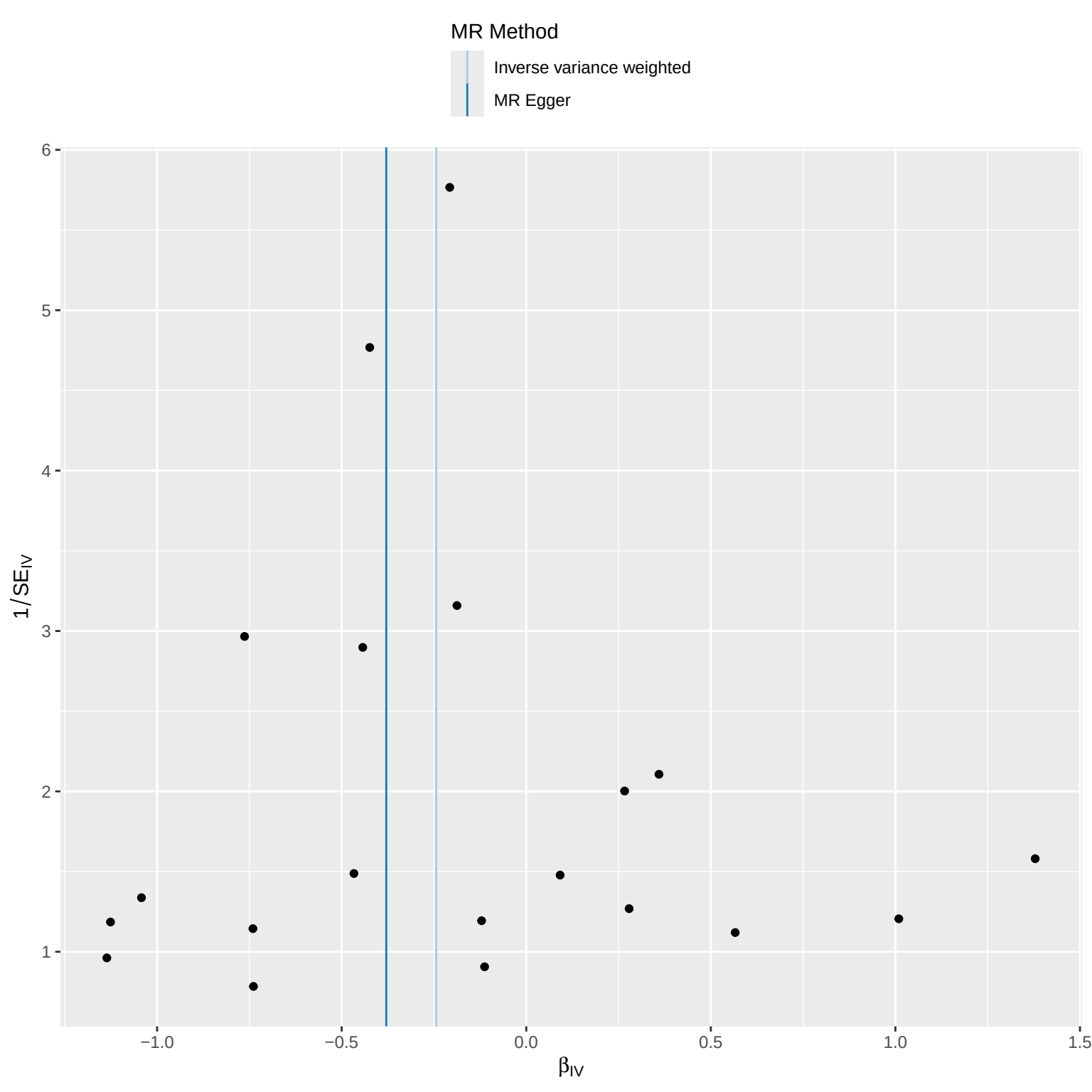

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

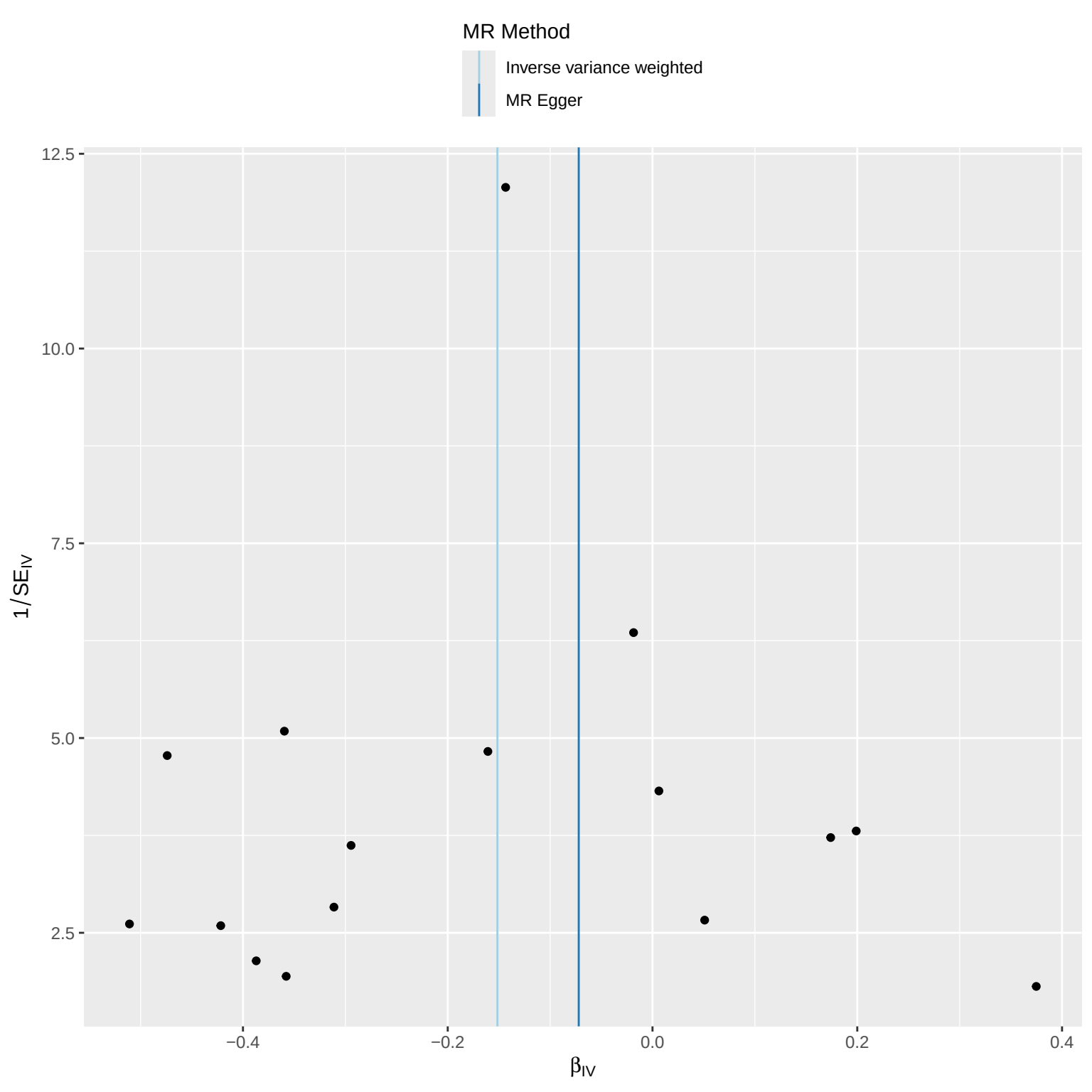

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−2
−1
0
1
β_IV

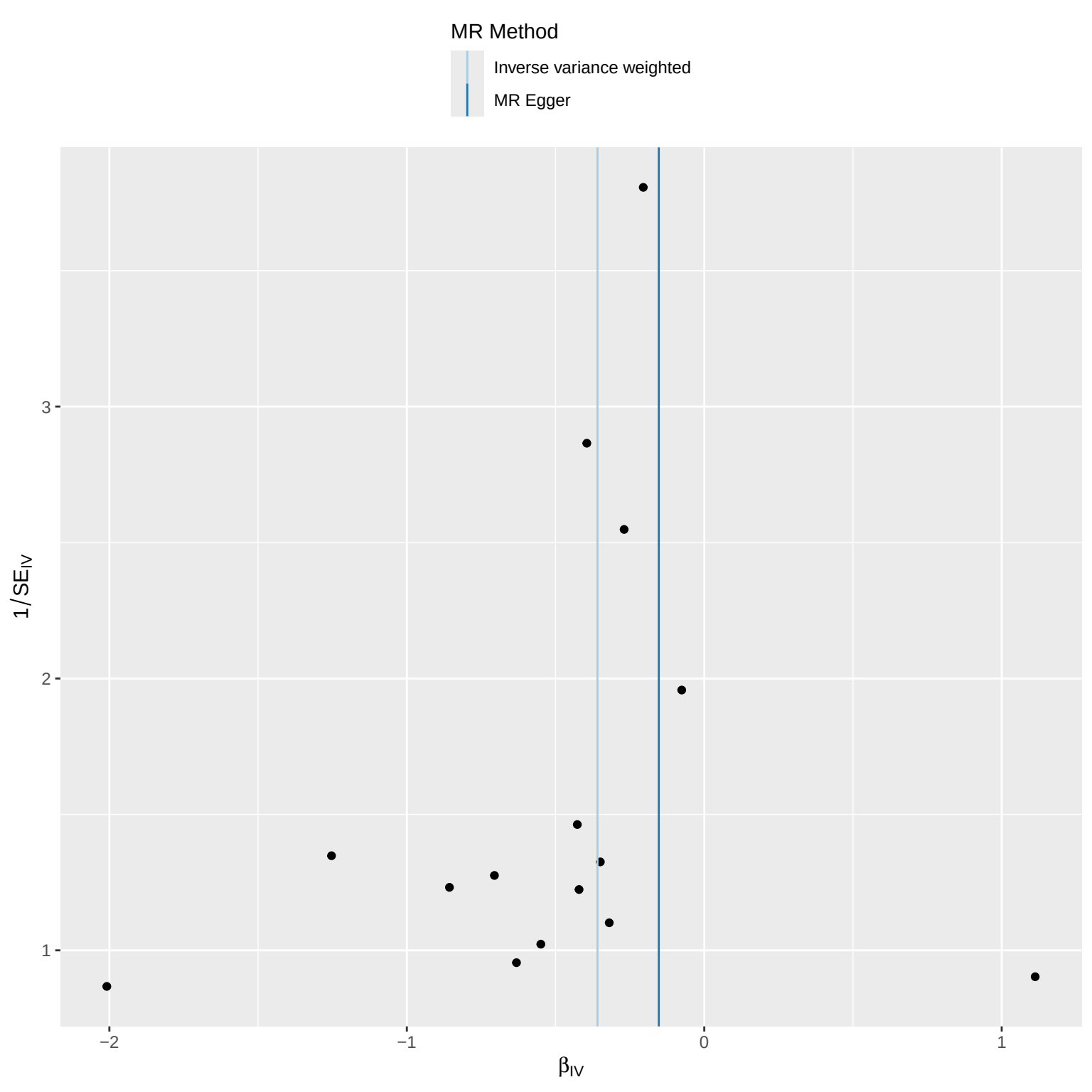

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
0
1
2
3
β_{IV}

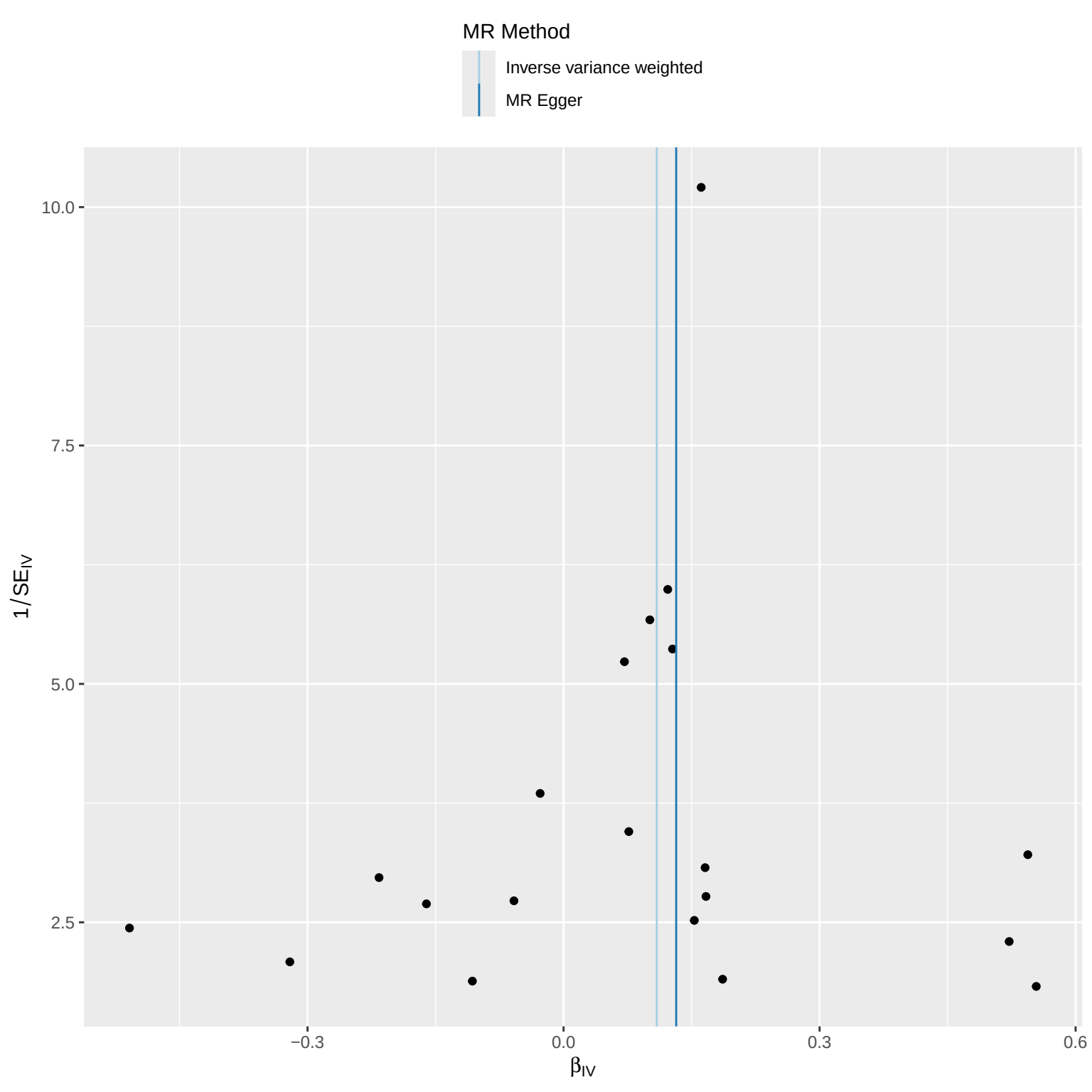

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

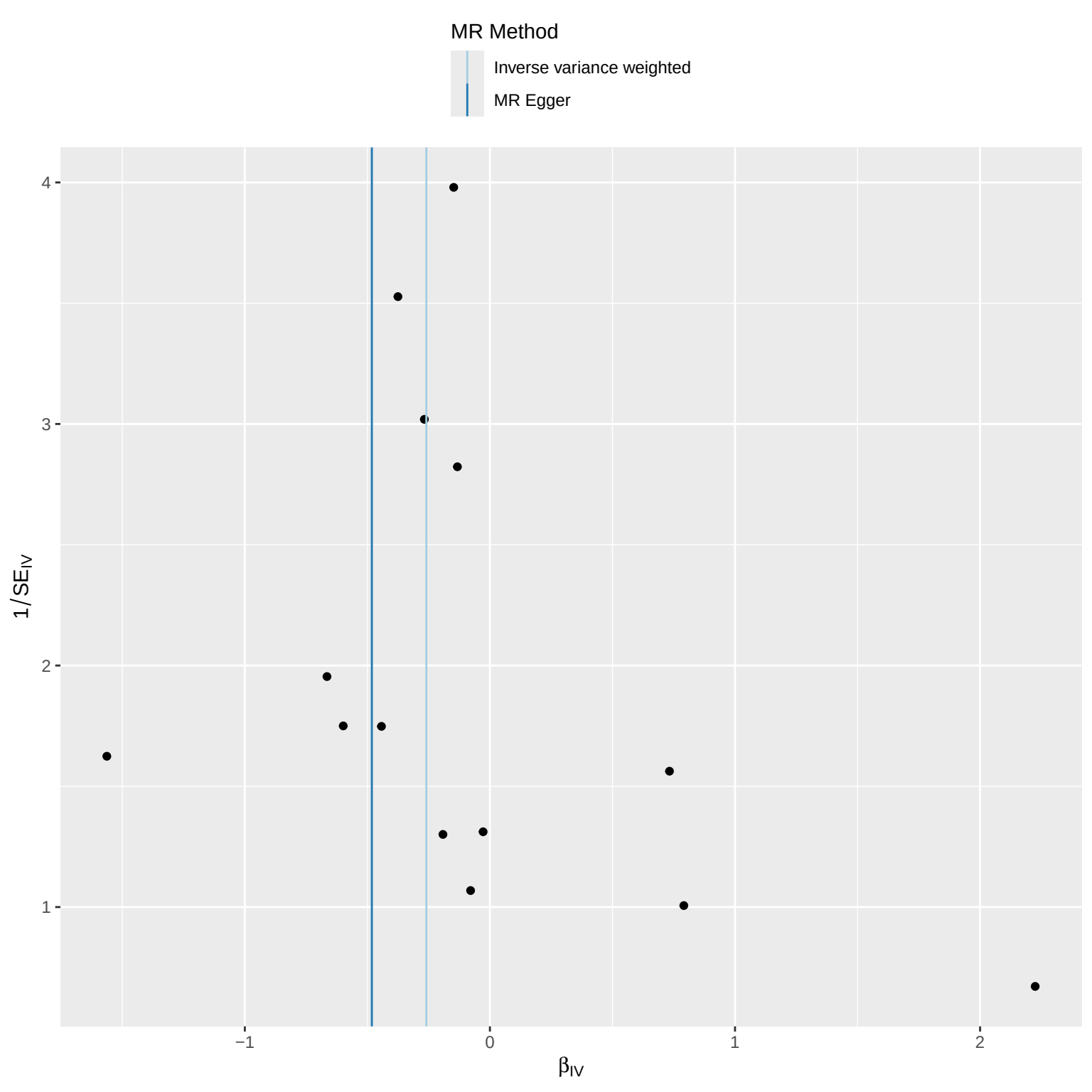

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

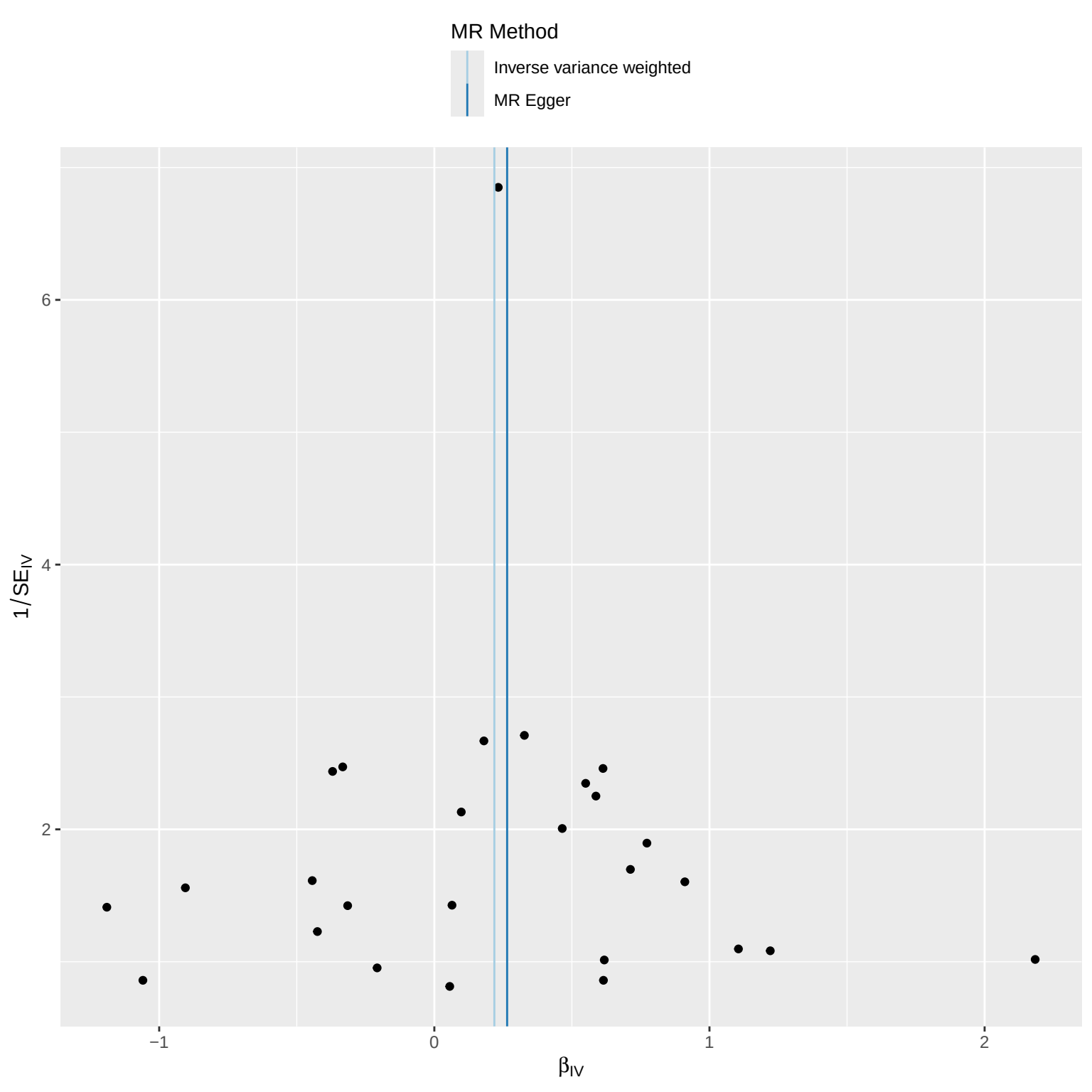

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

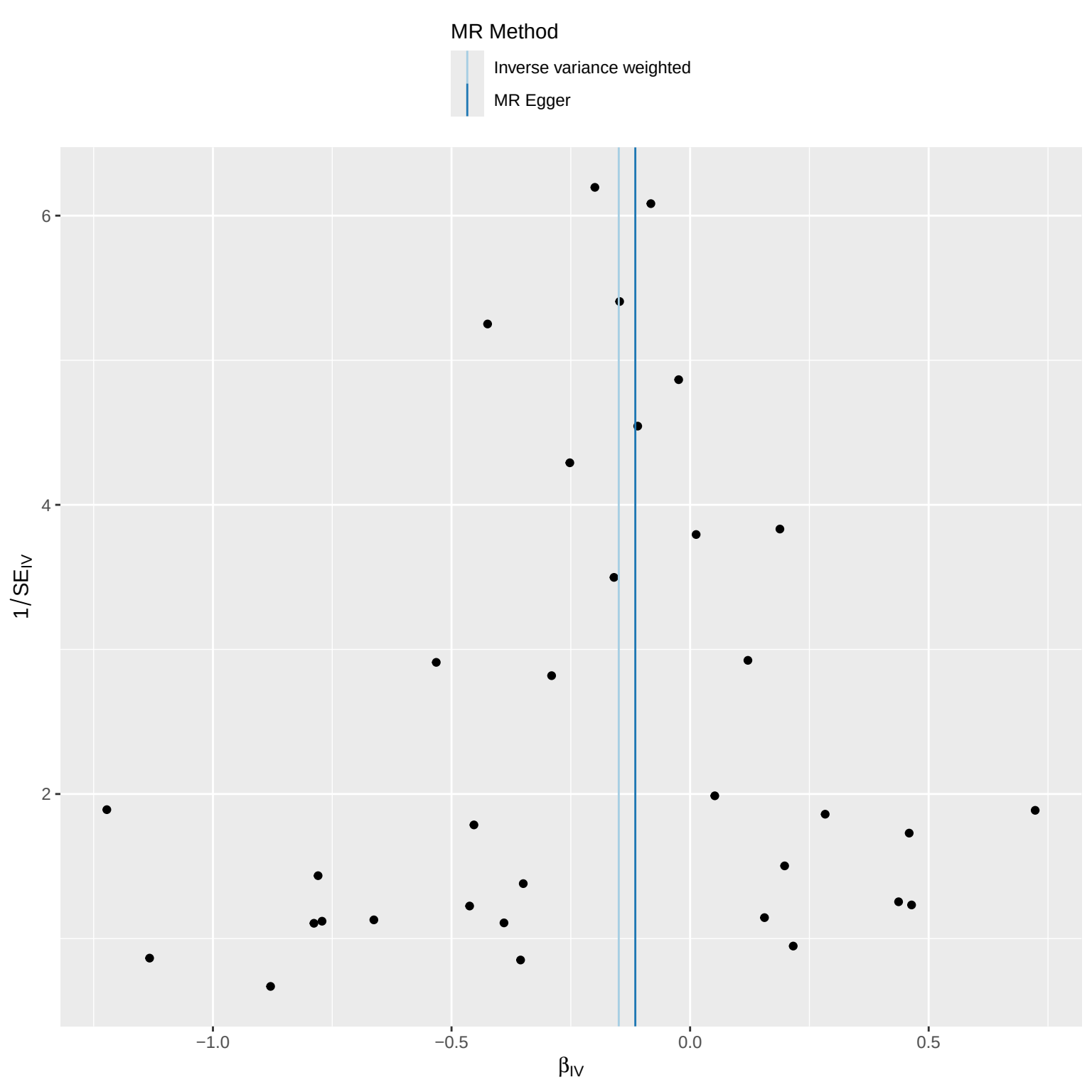

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.4
−0.2
0.0
0.2
0.4
β_IV

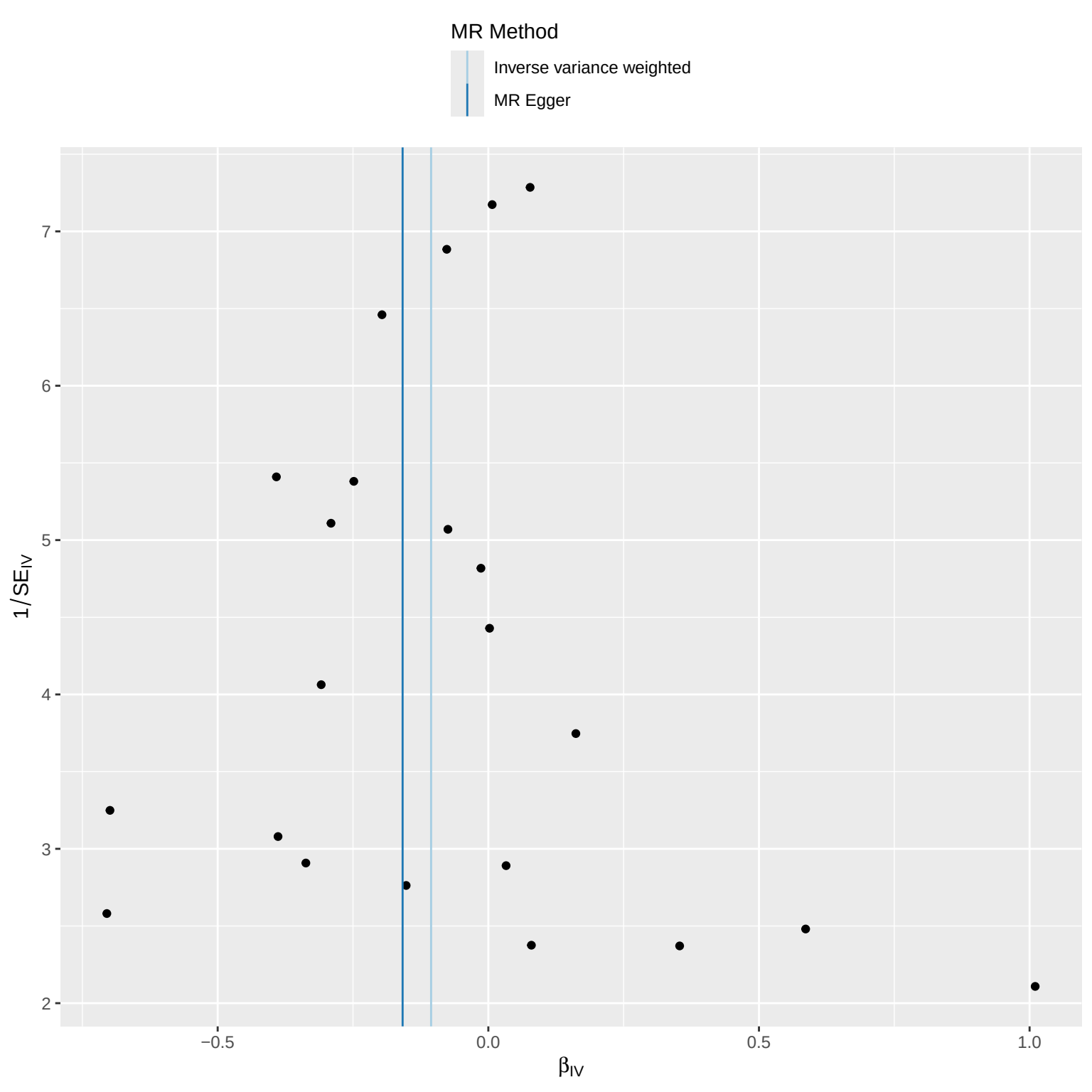

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

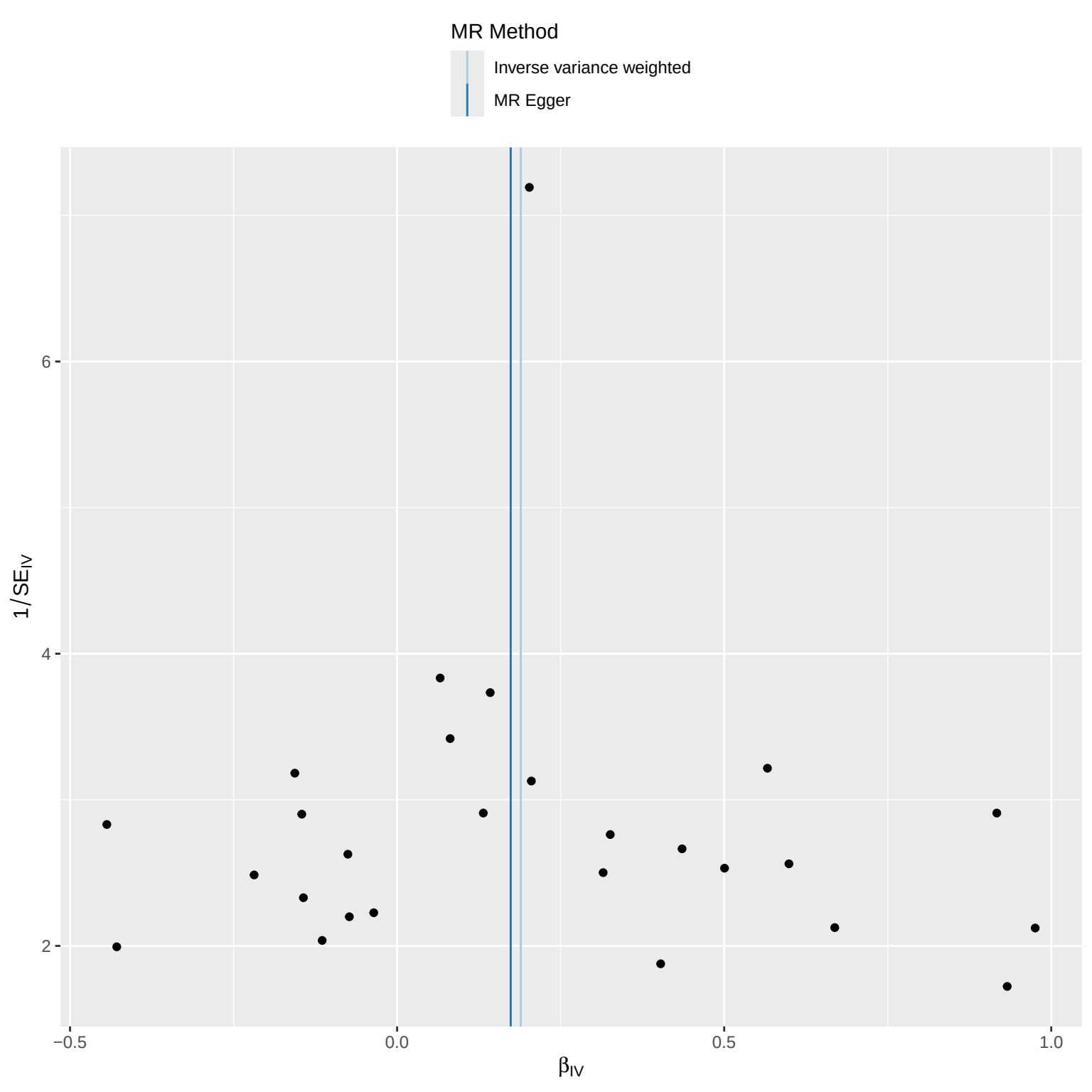

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.3
0.0
0.3
0.6
β_IV

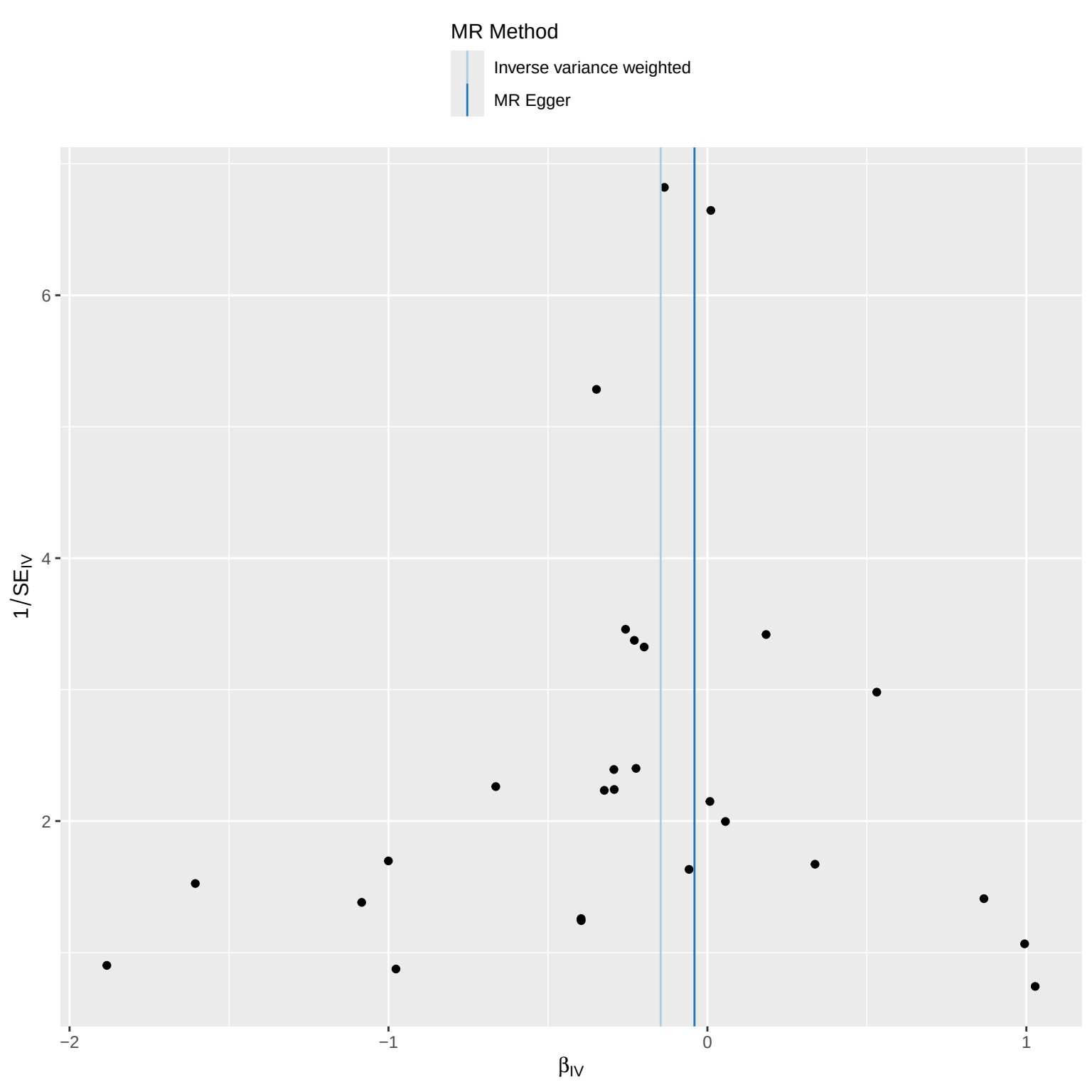

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

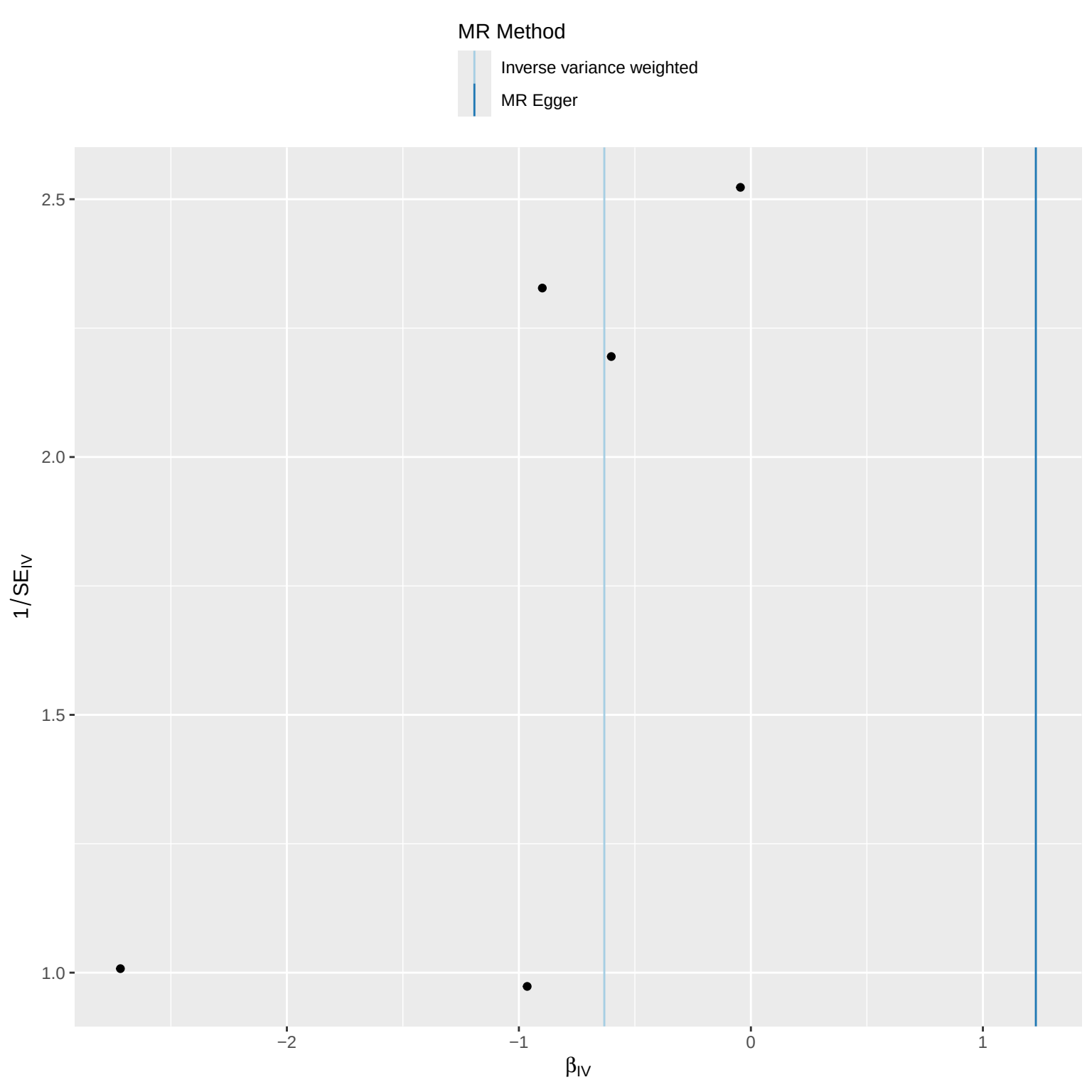

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

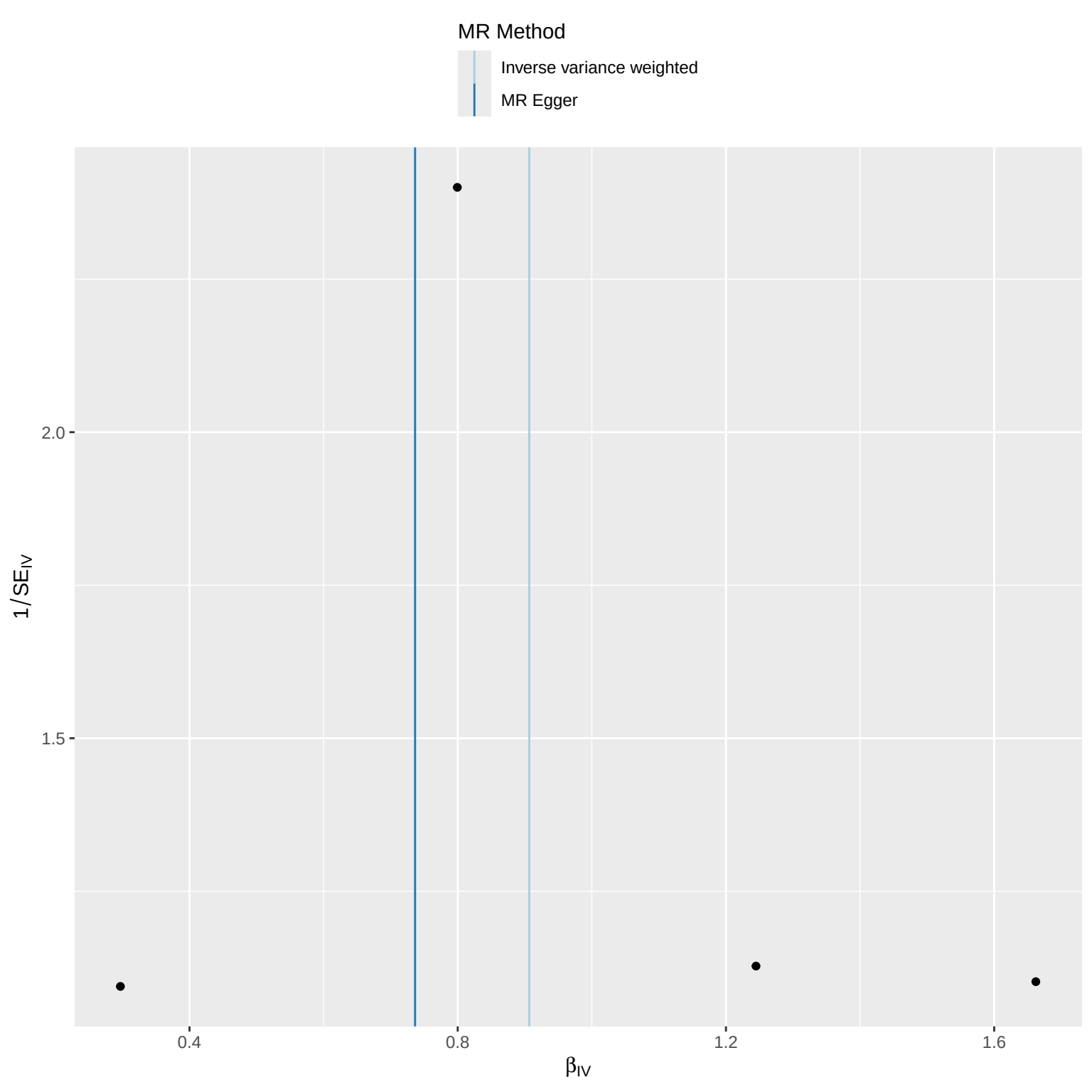

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

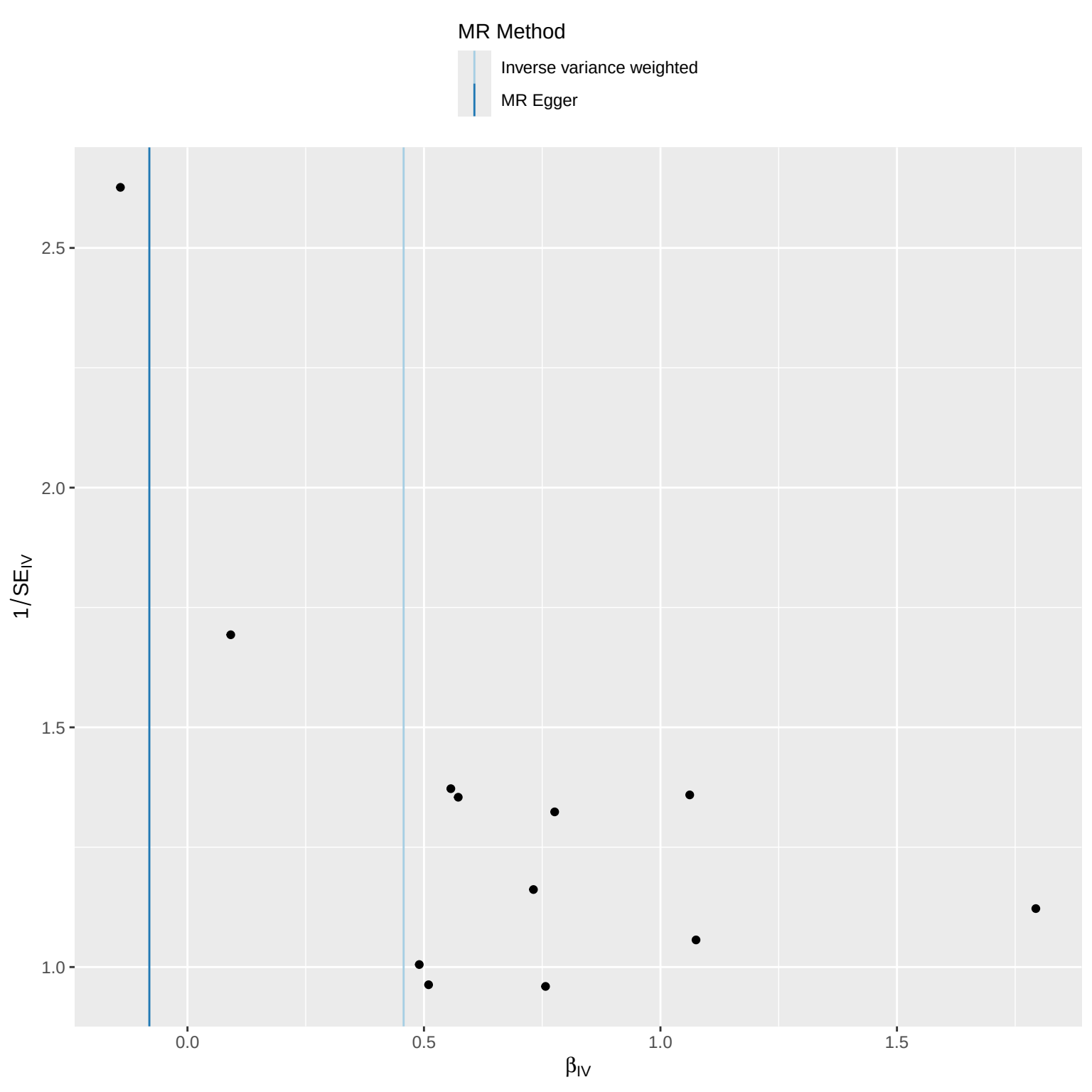

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

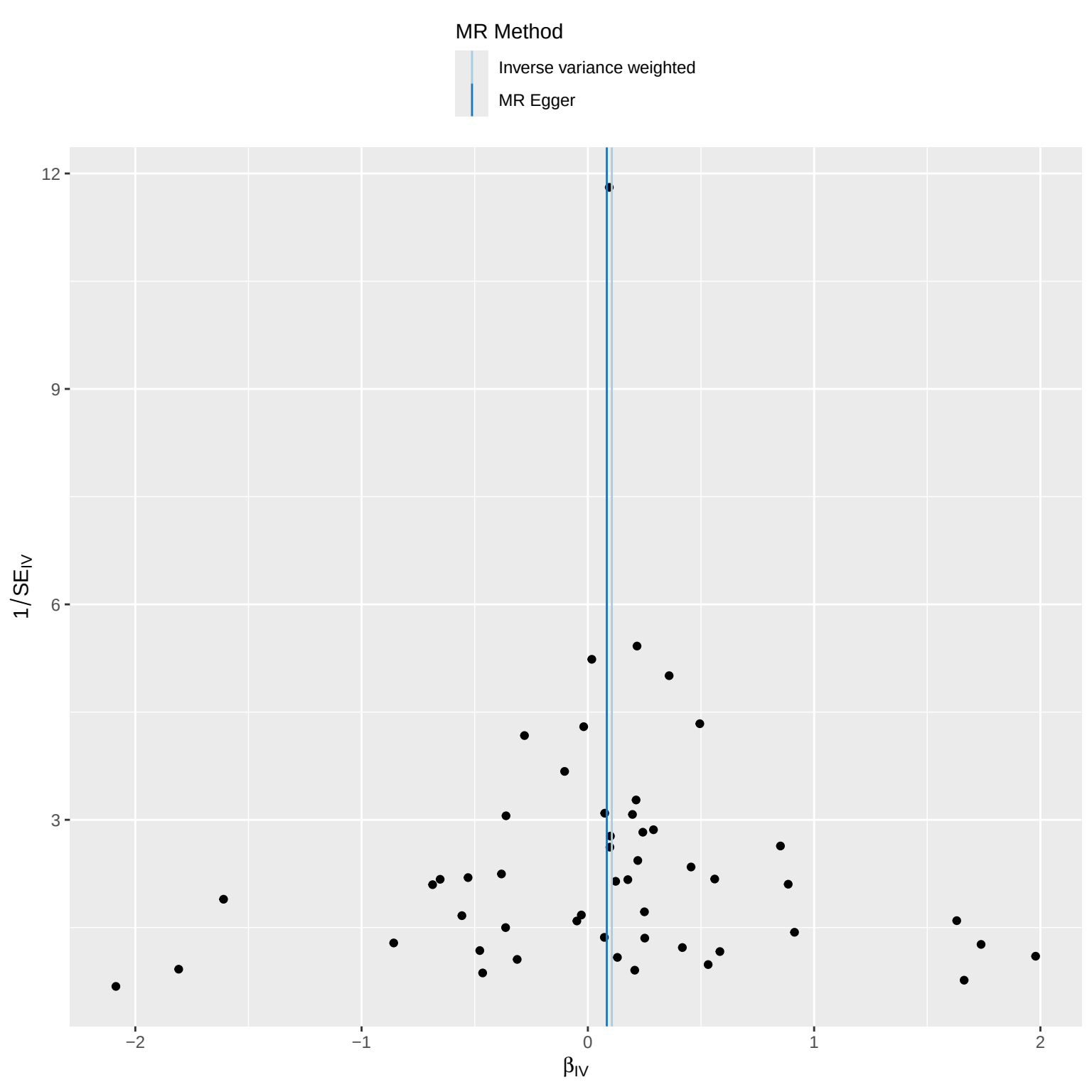

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

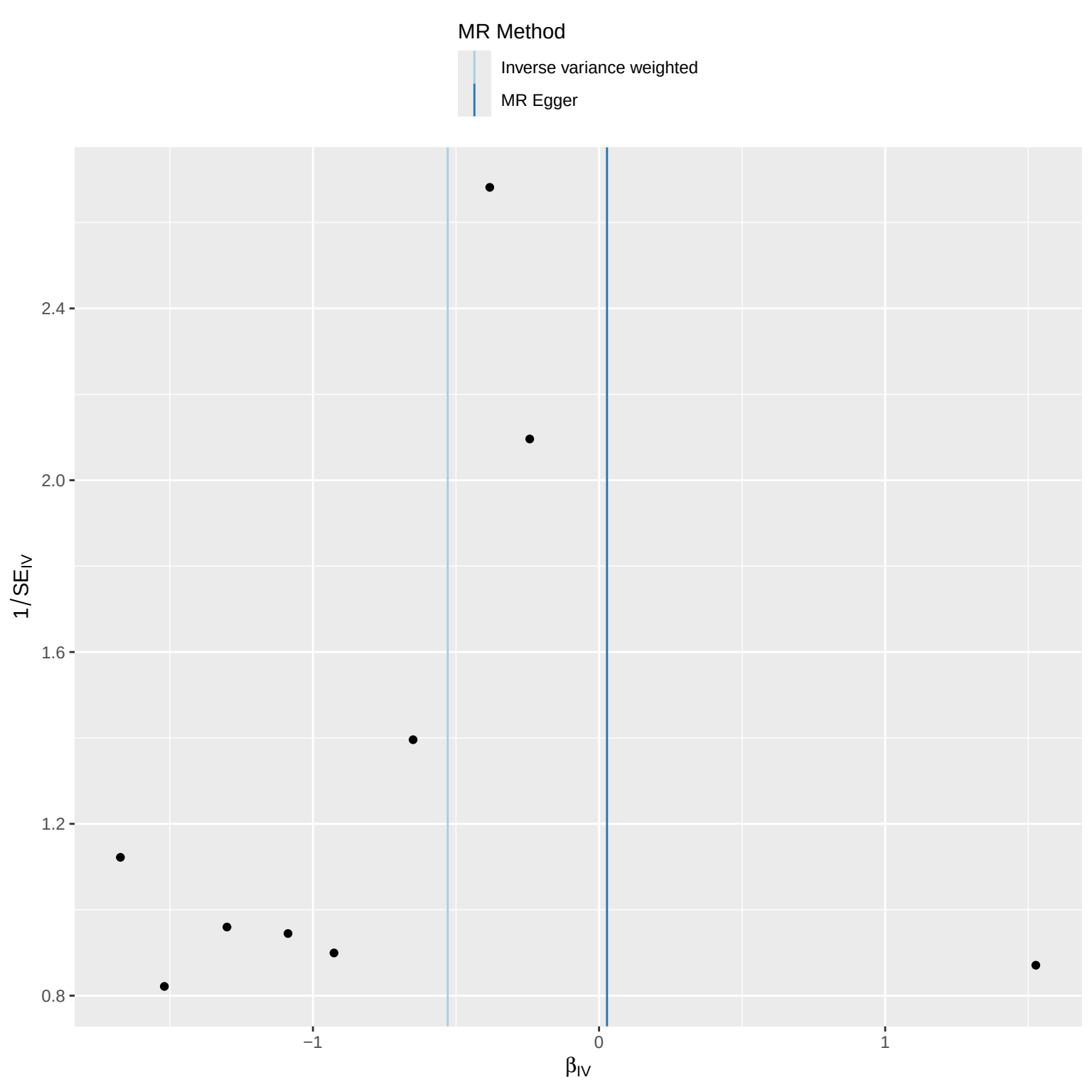

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

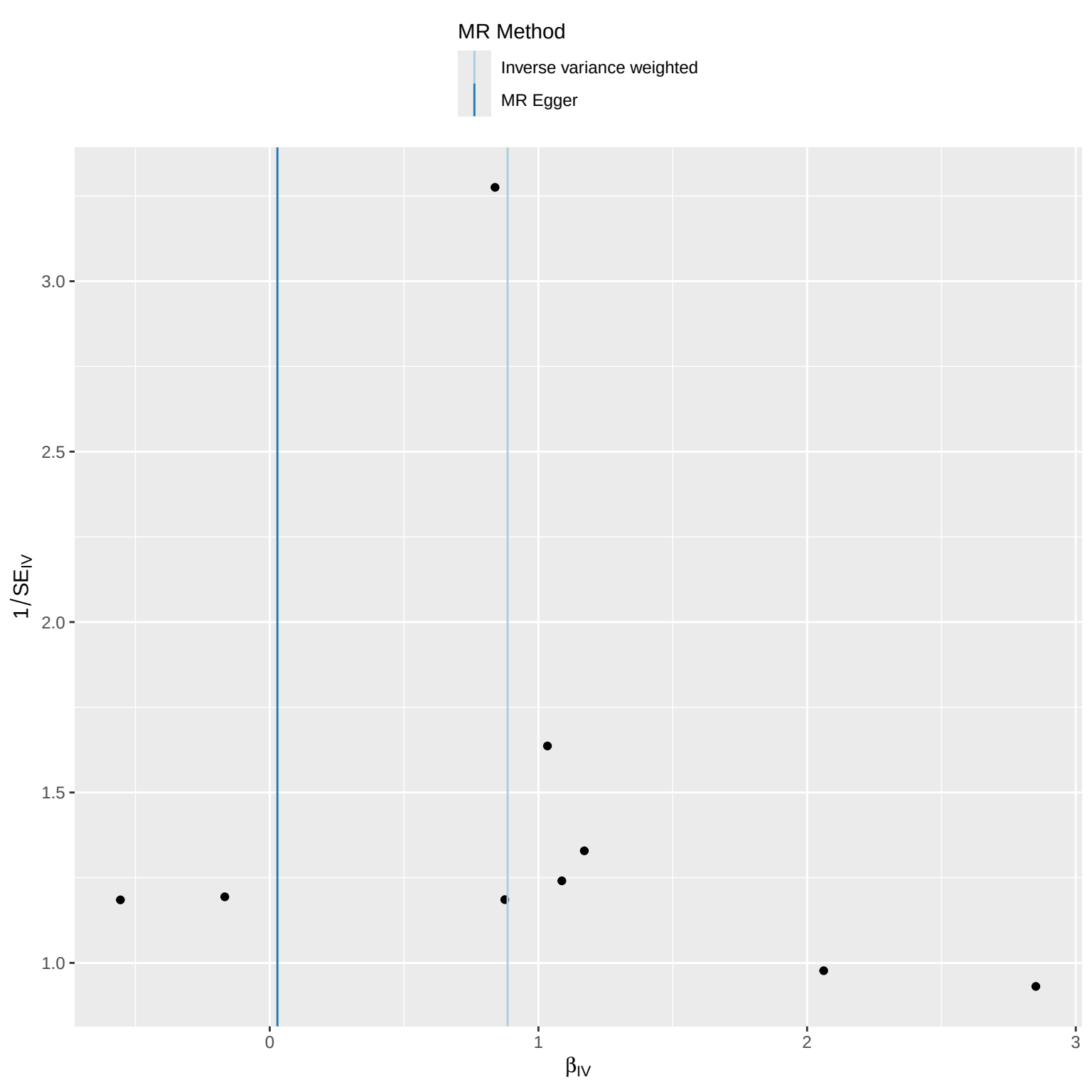

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

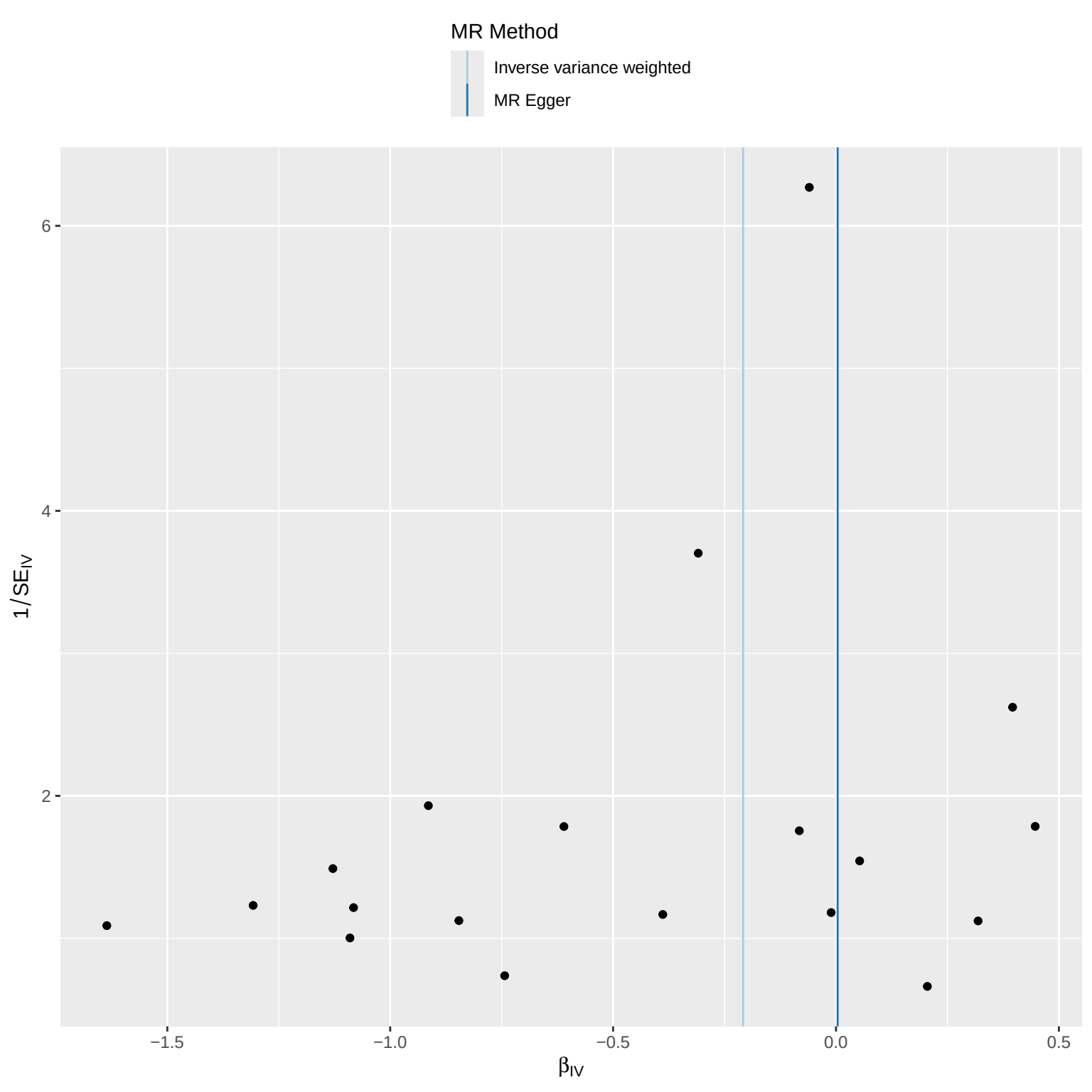

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1/SE_IV
0.4
0.8
1.2
1.6
β_IV

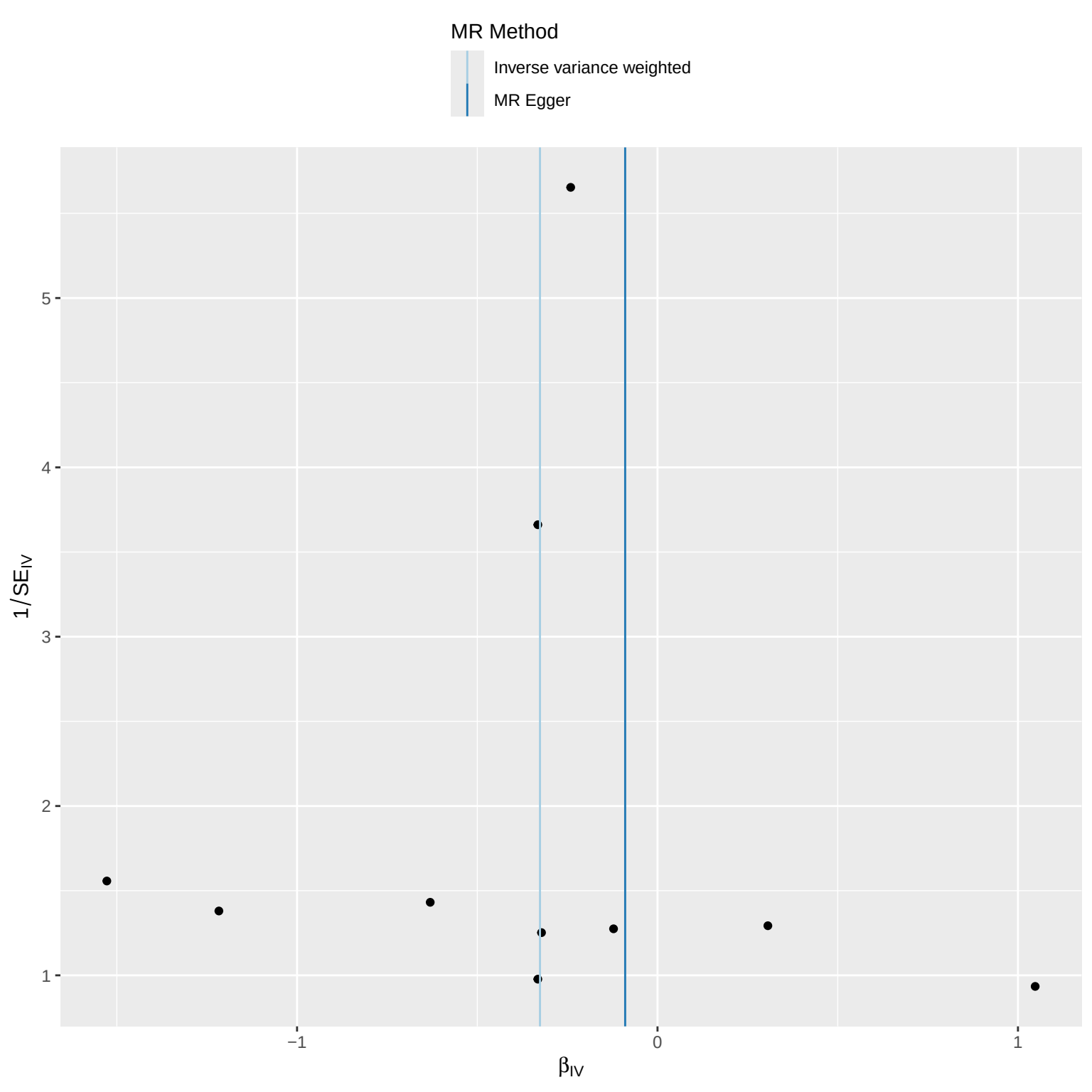

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

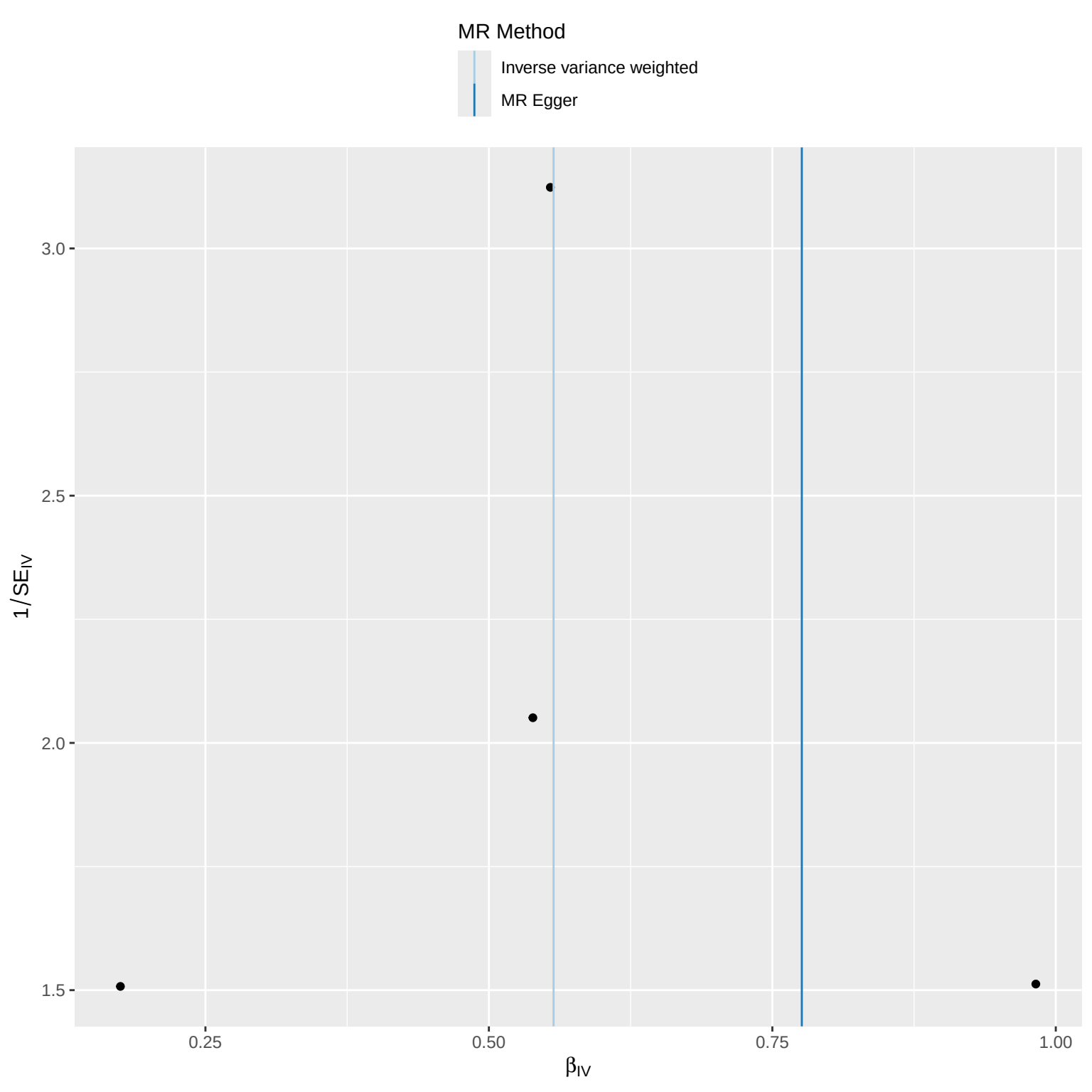

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−2
−1
0
1
2
β_IV

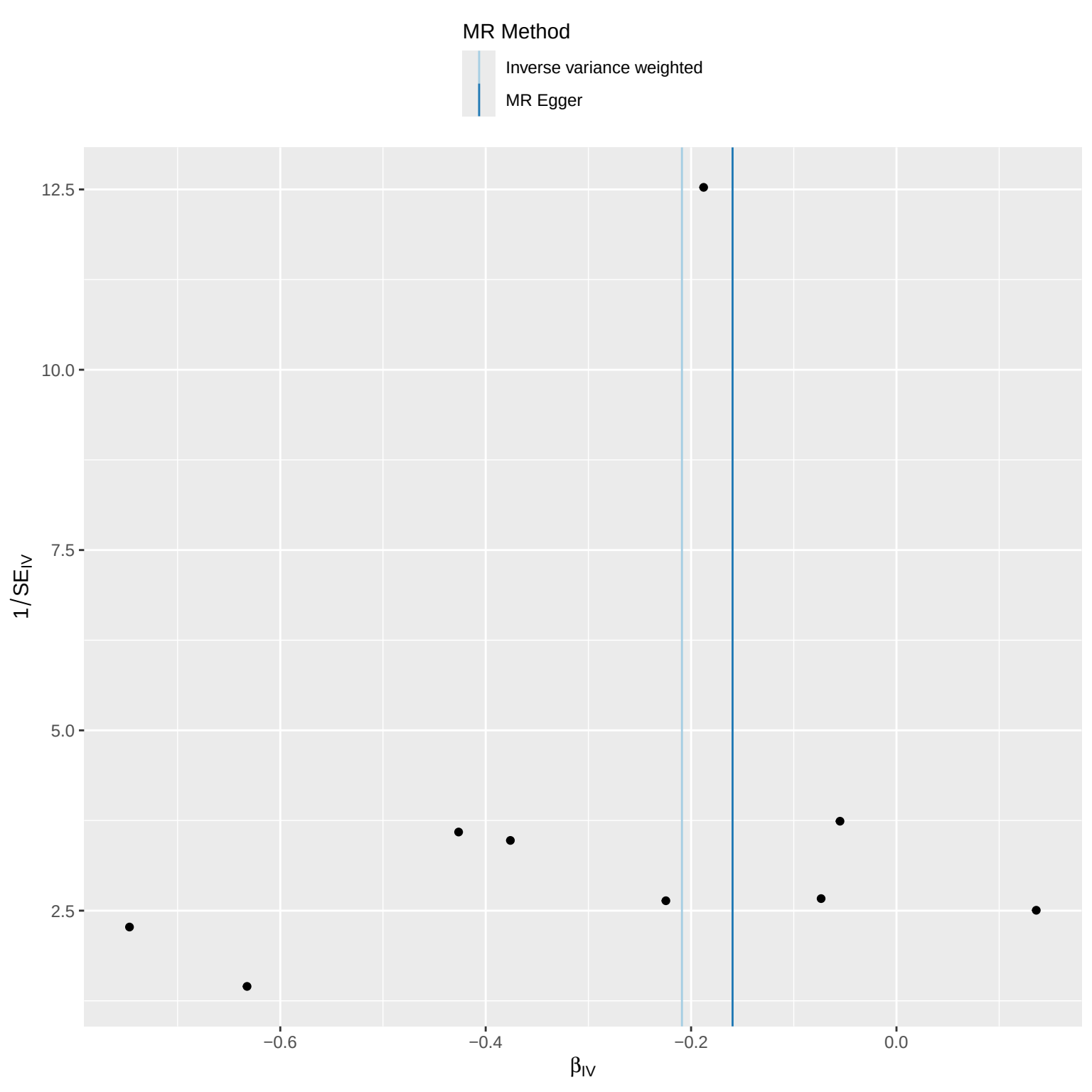

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−1
0
1
β_IV

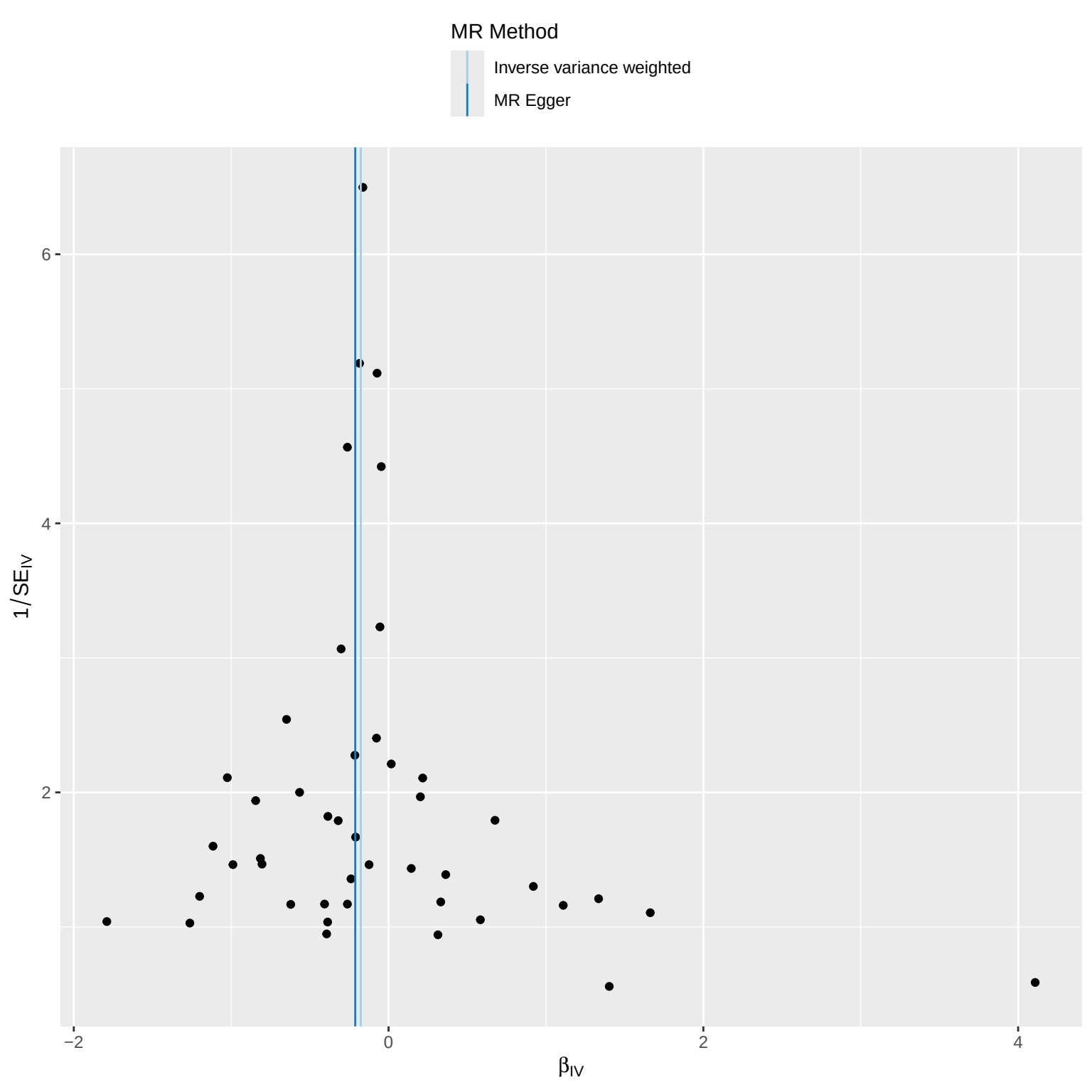

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
3
β_IV

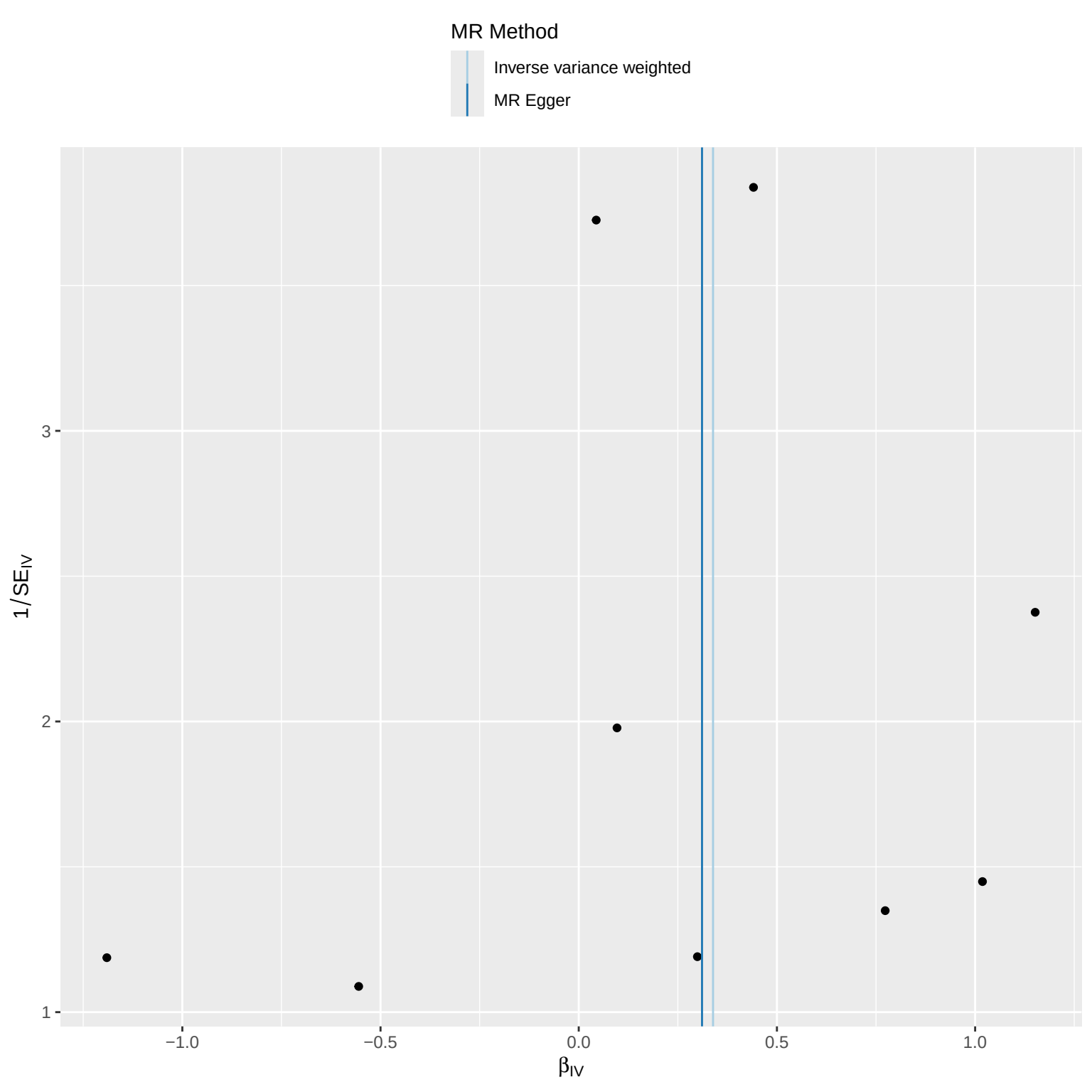

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

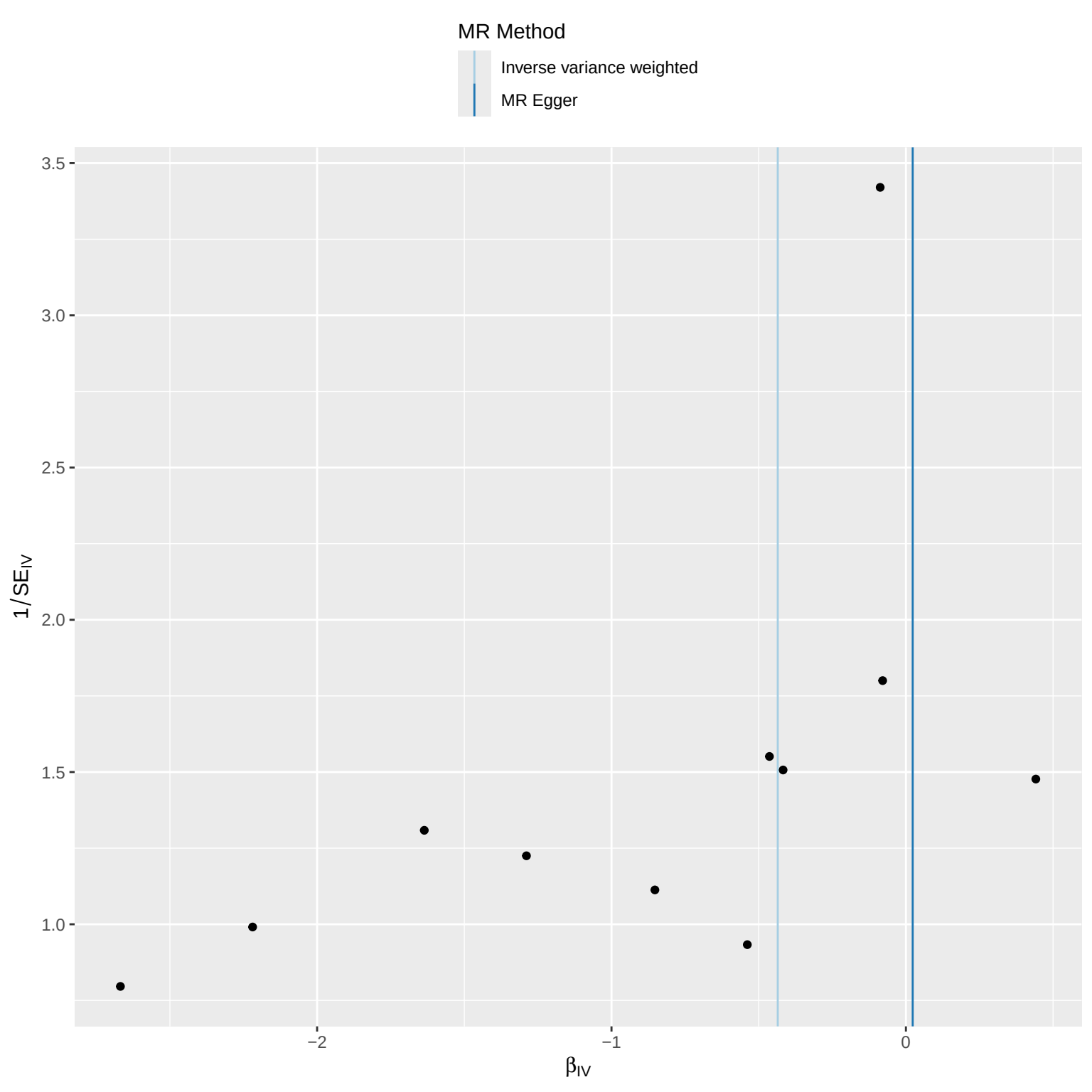

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

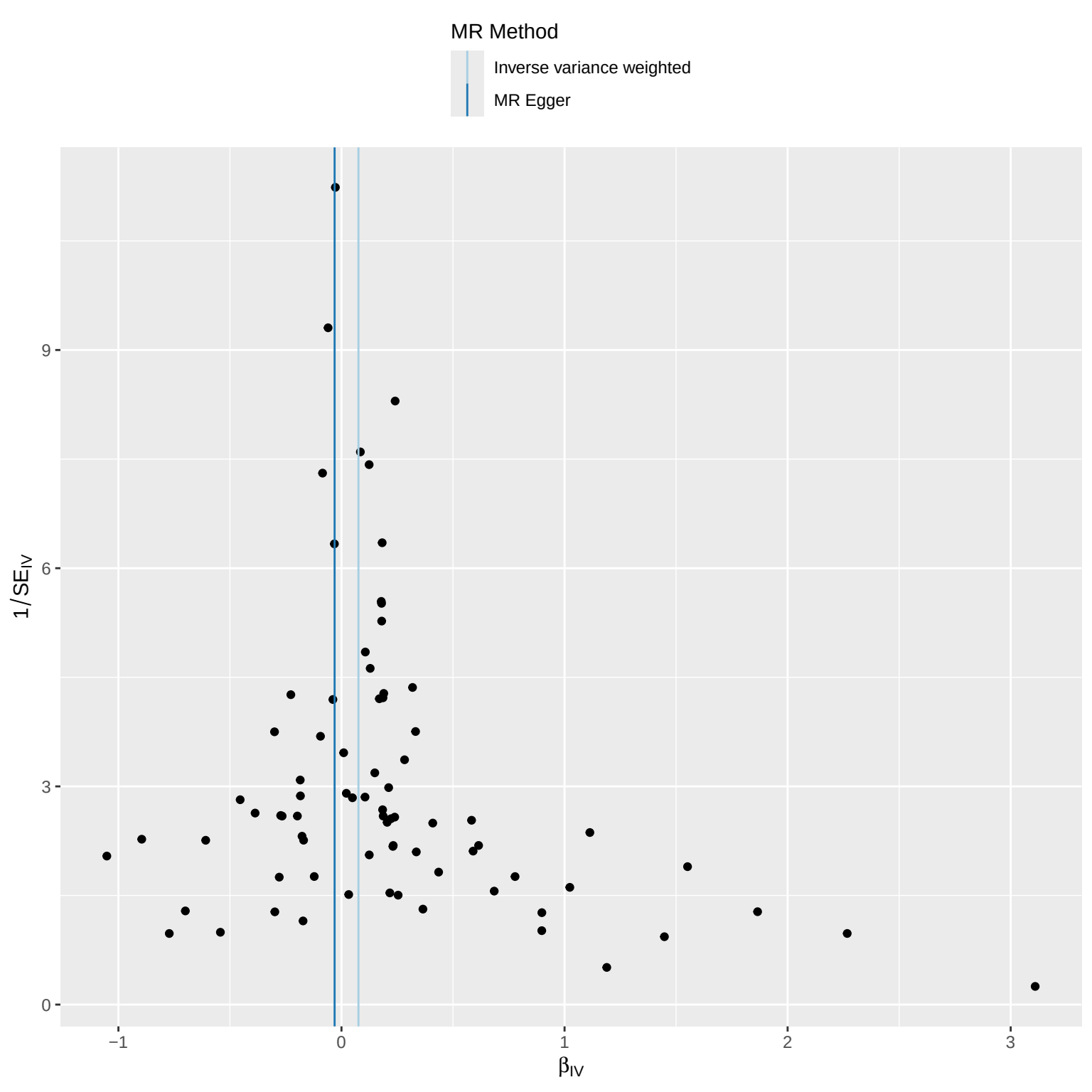

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.25
0.50
0.75
1.00
β_IV

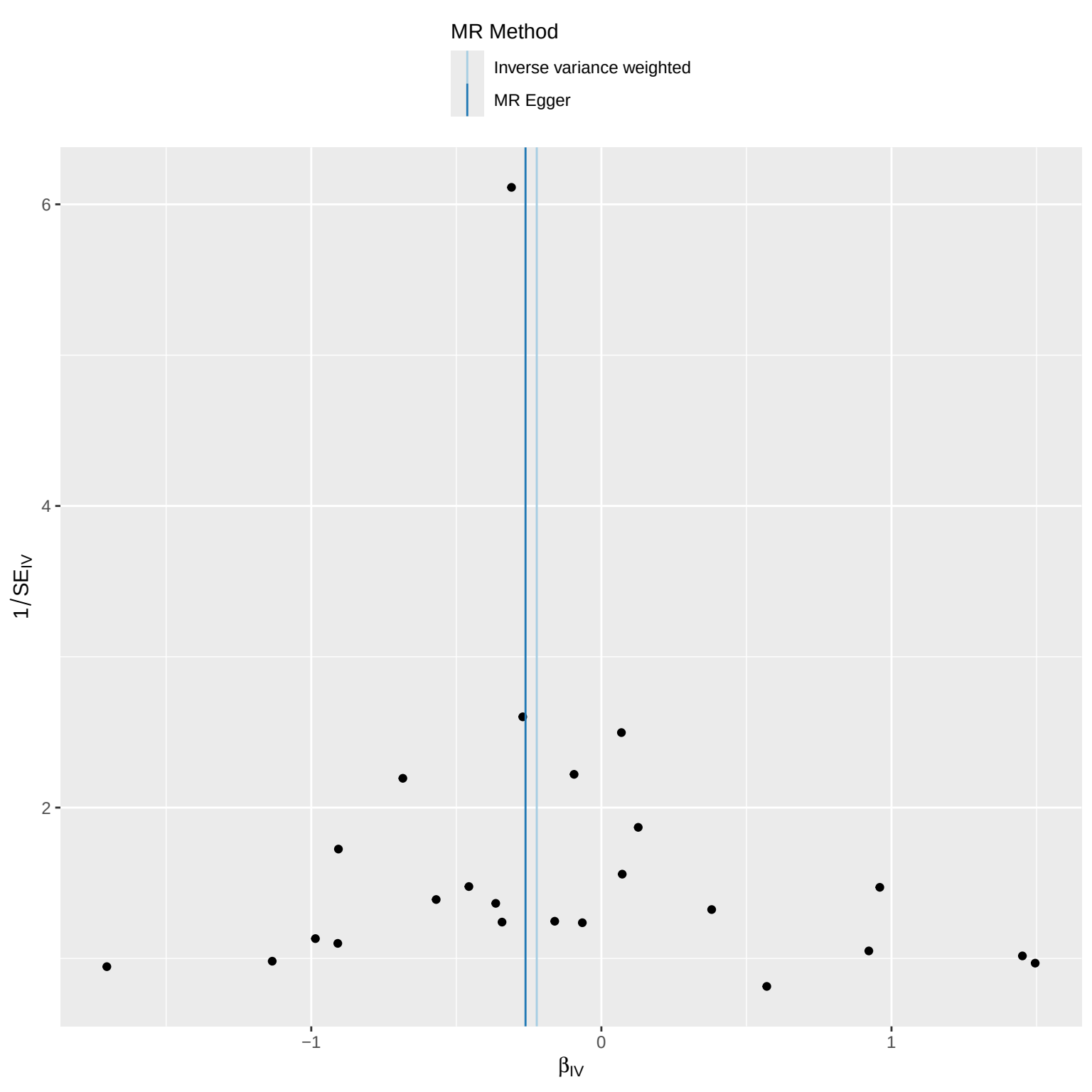

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

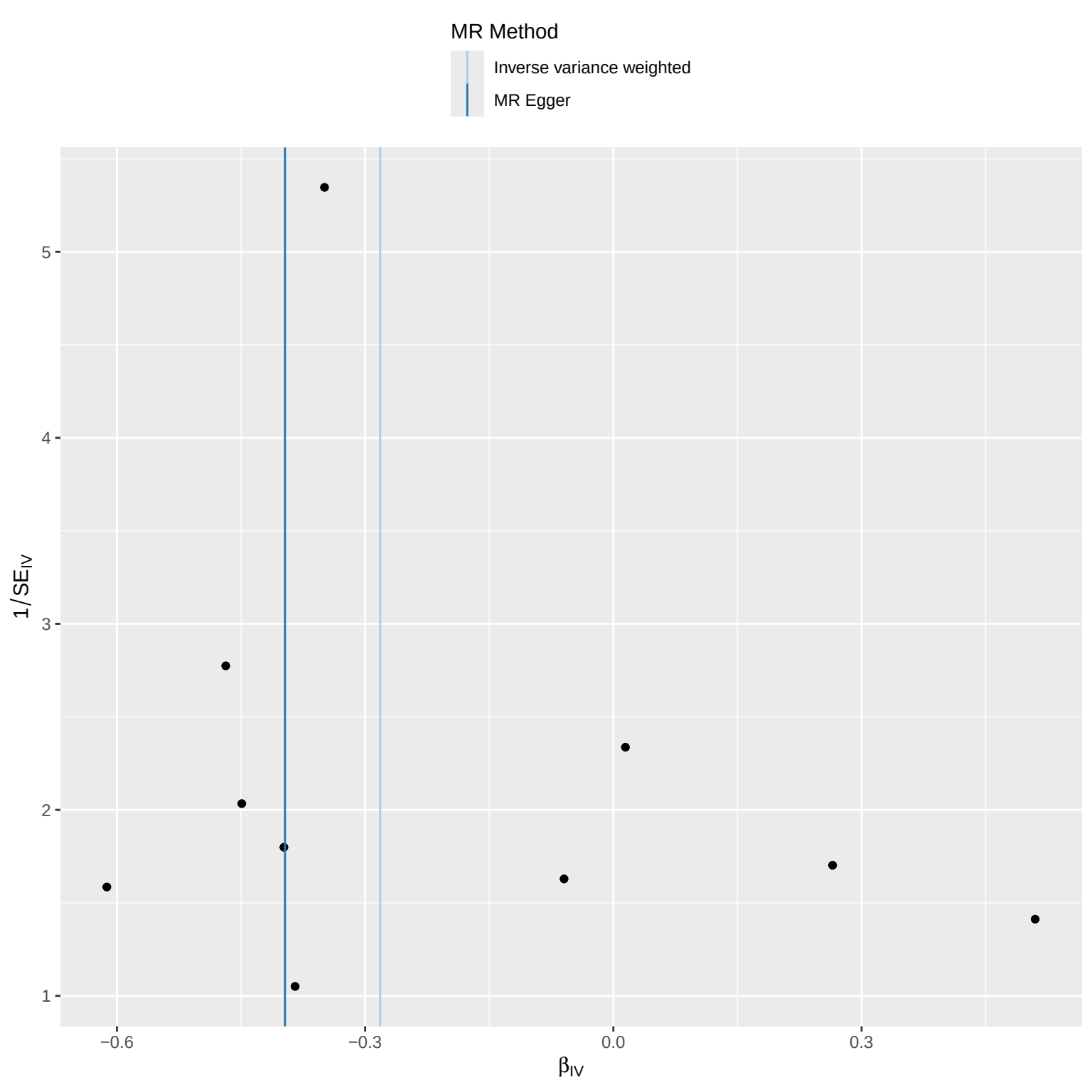

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
4
β_IV

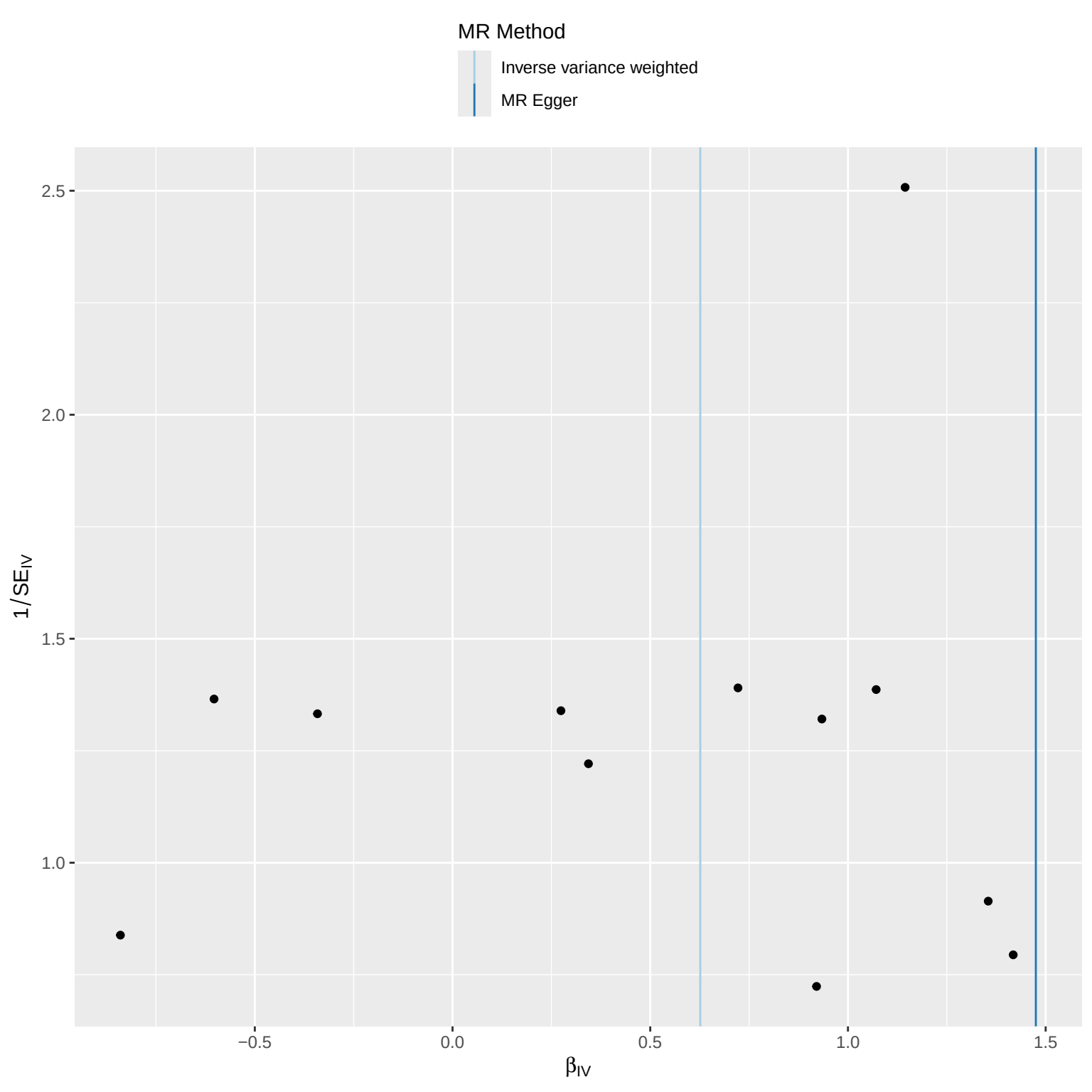

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

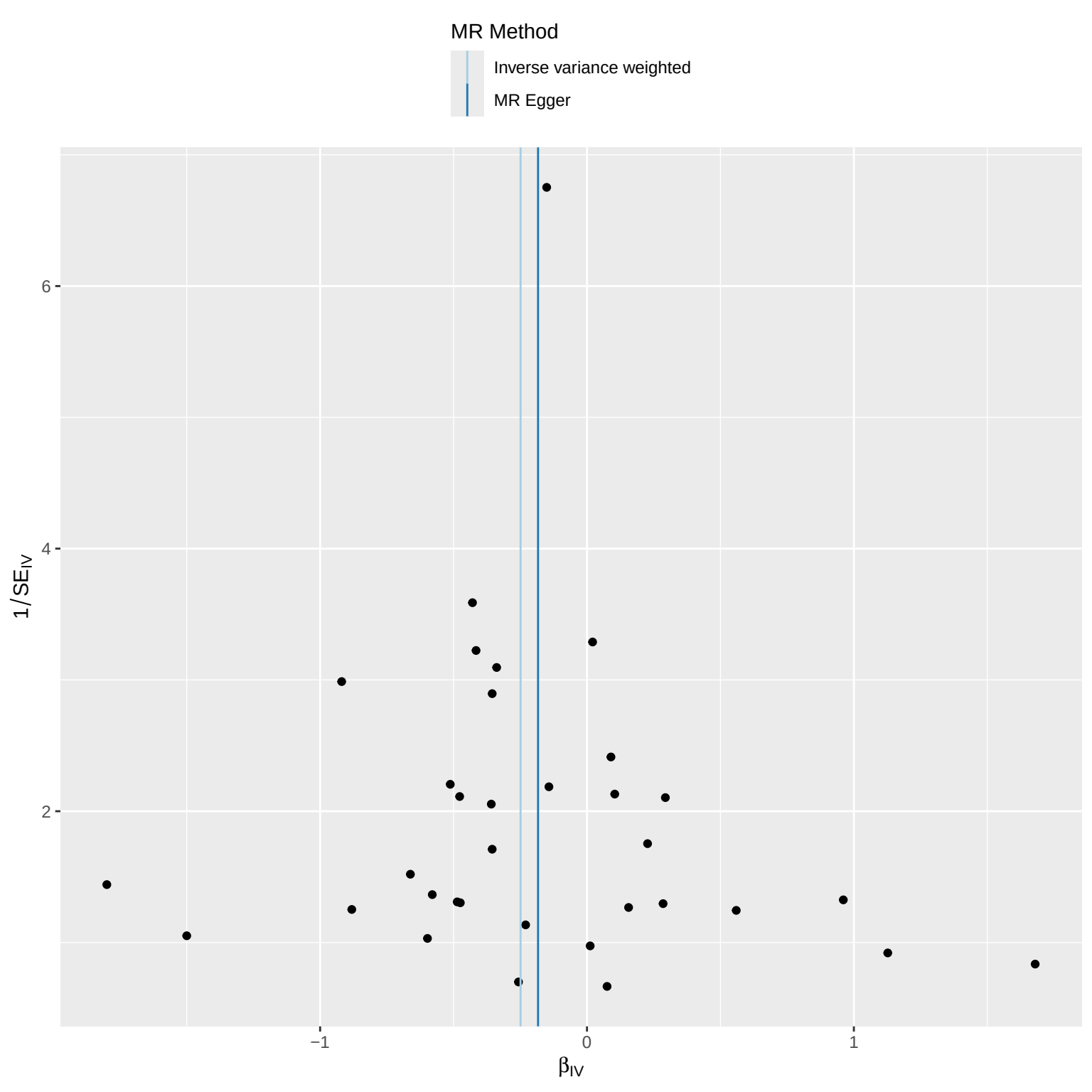

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

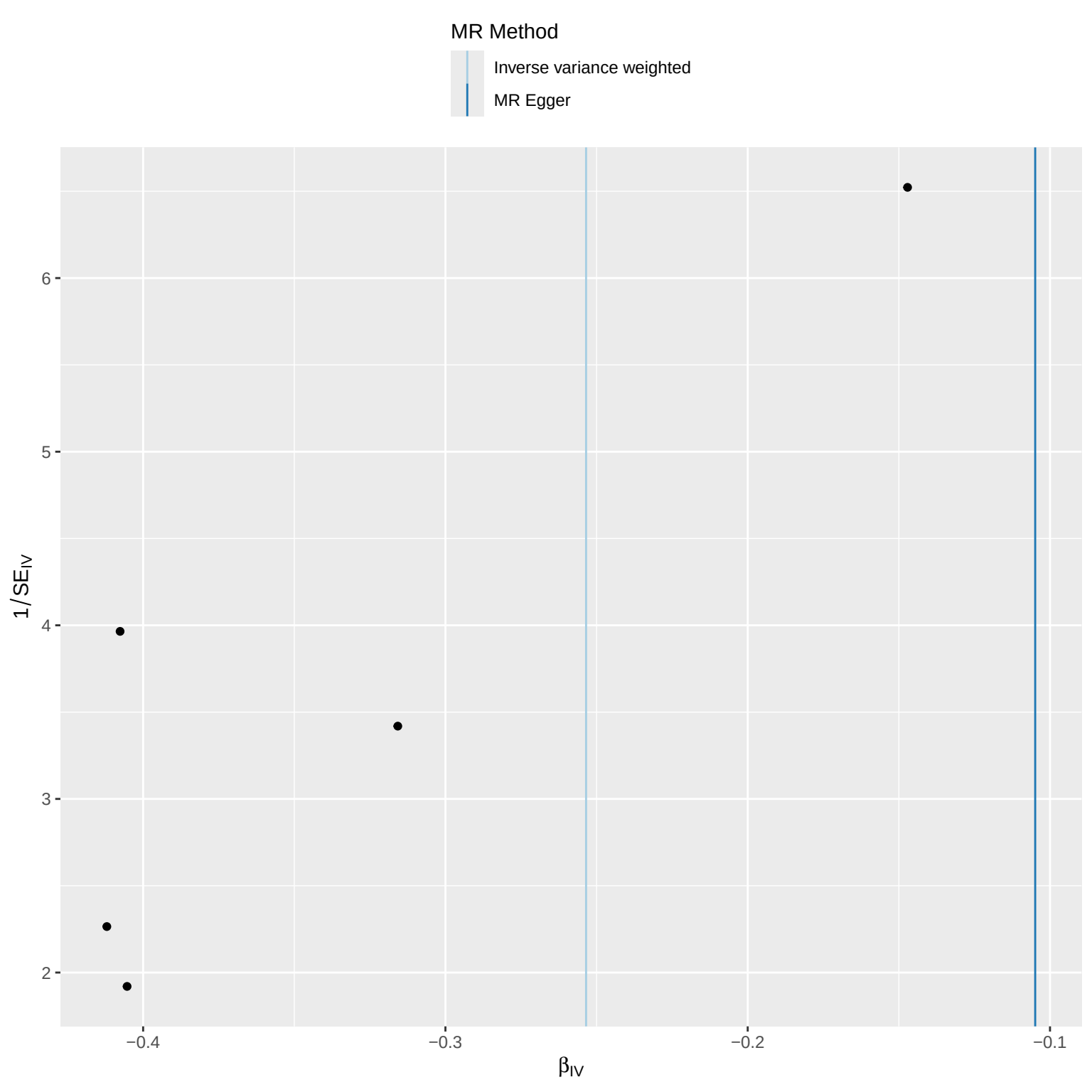

MR Method
Inverse variance weighted
MR Egger
9
6
3
0
1/SE_IV
−1
0
1
2
3
β_IV

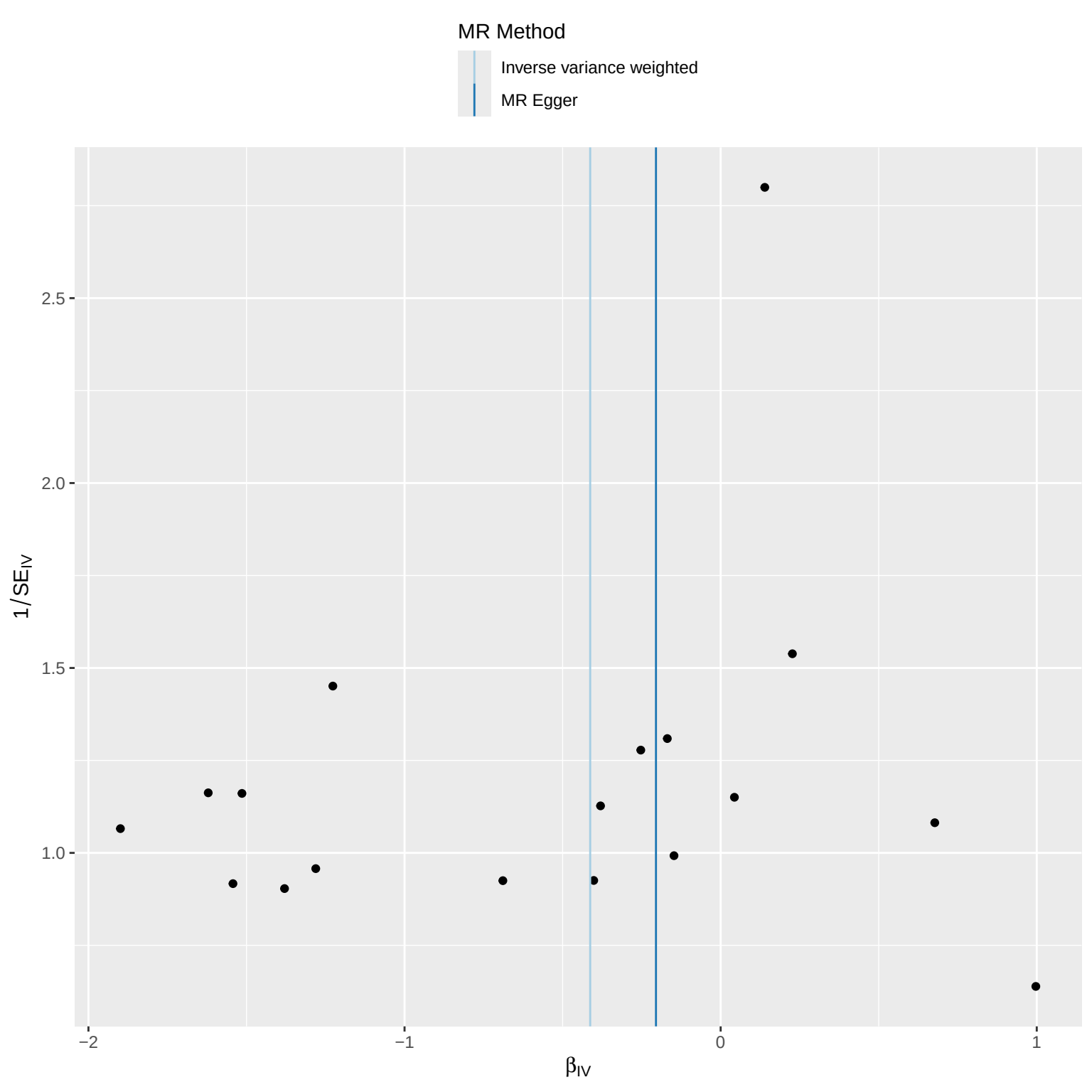

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

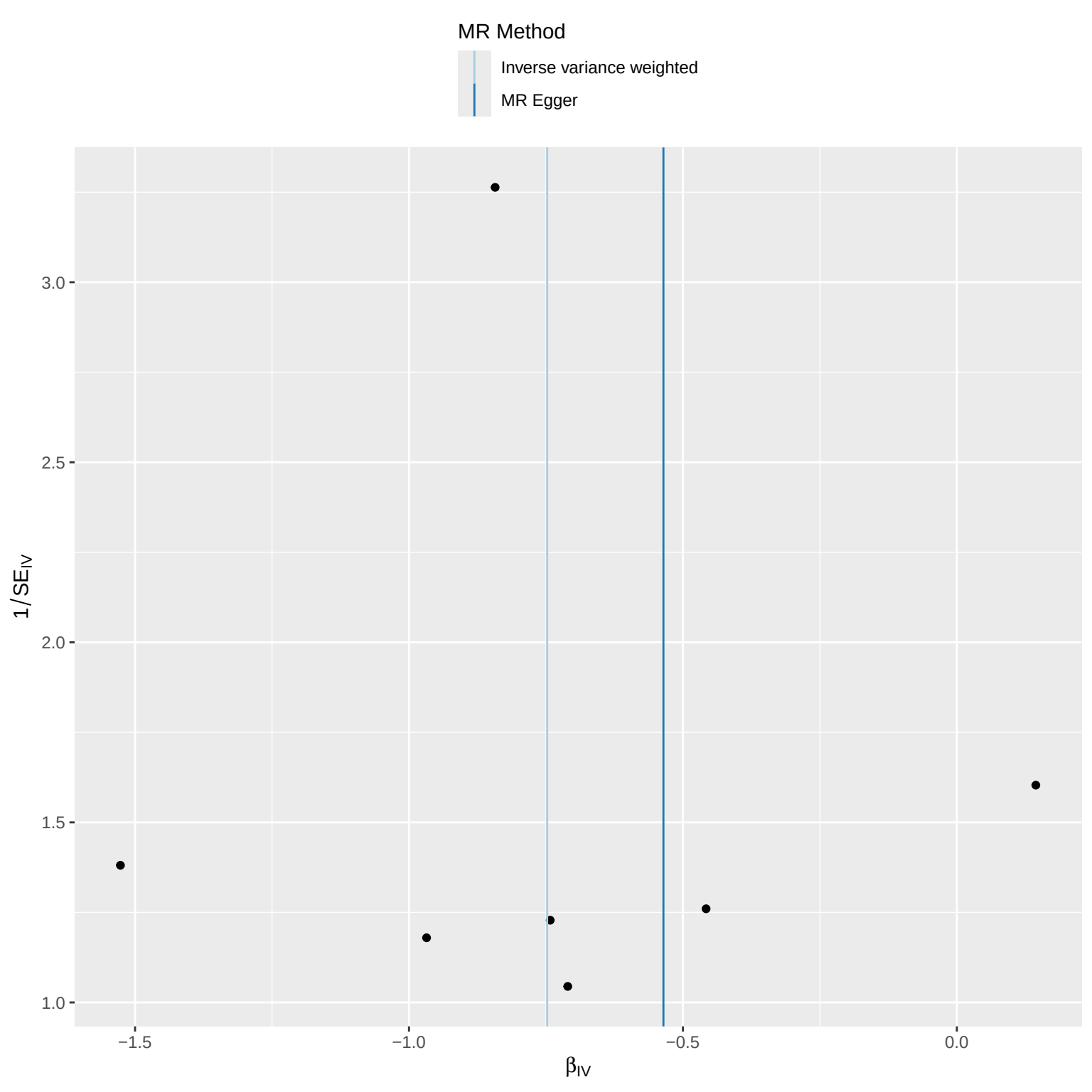

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

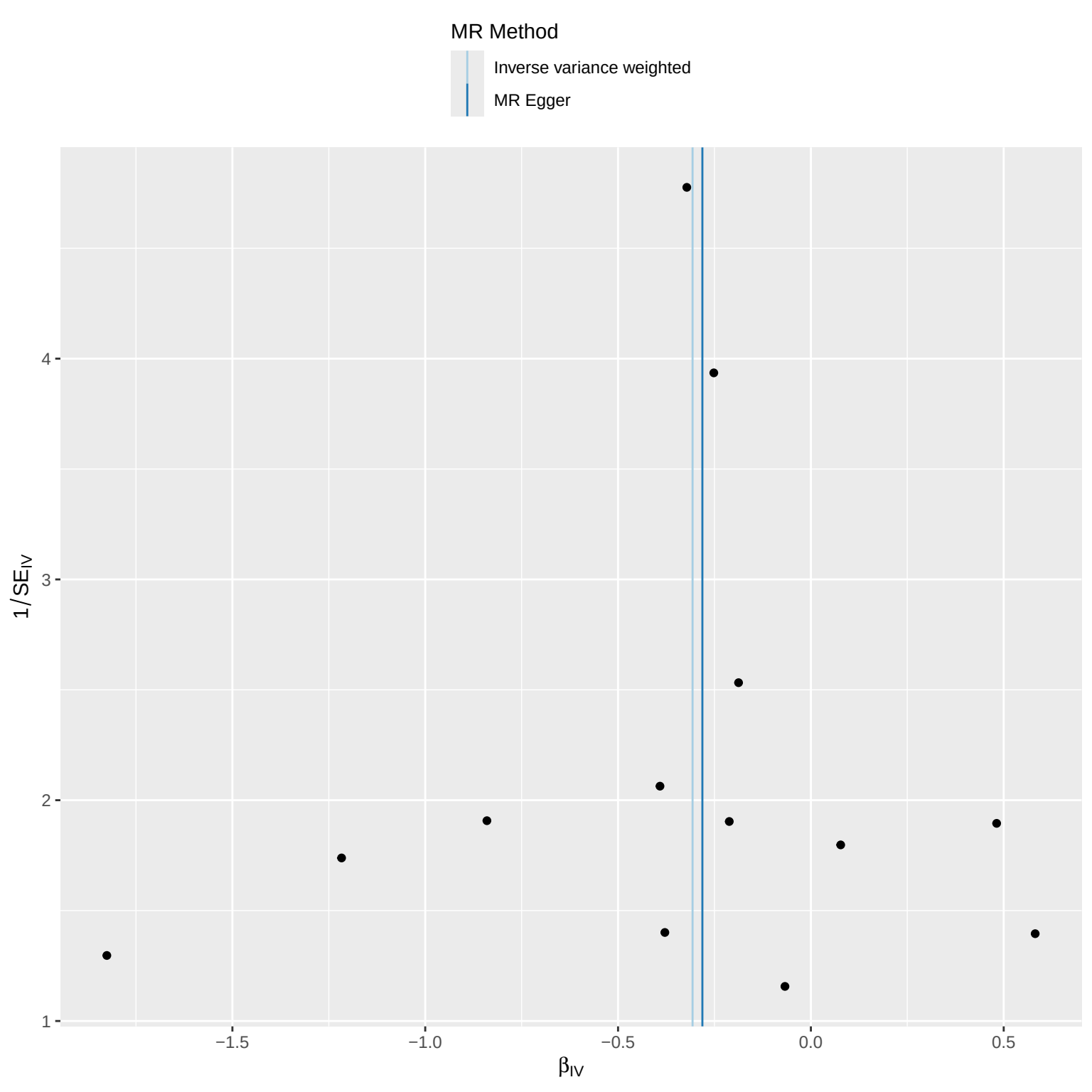

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

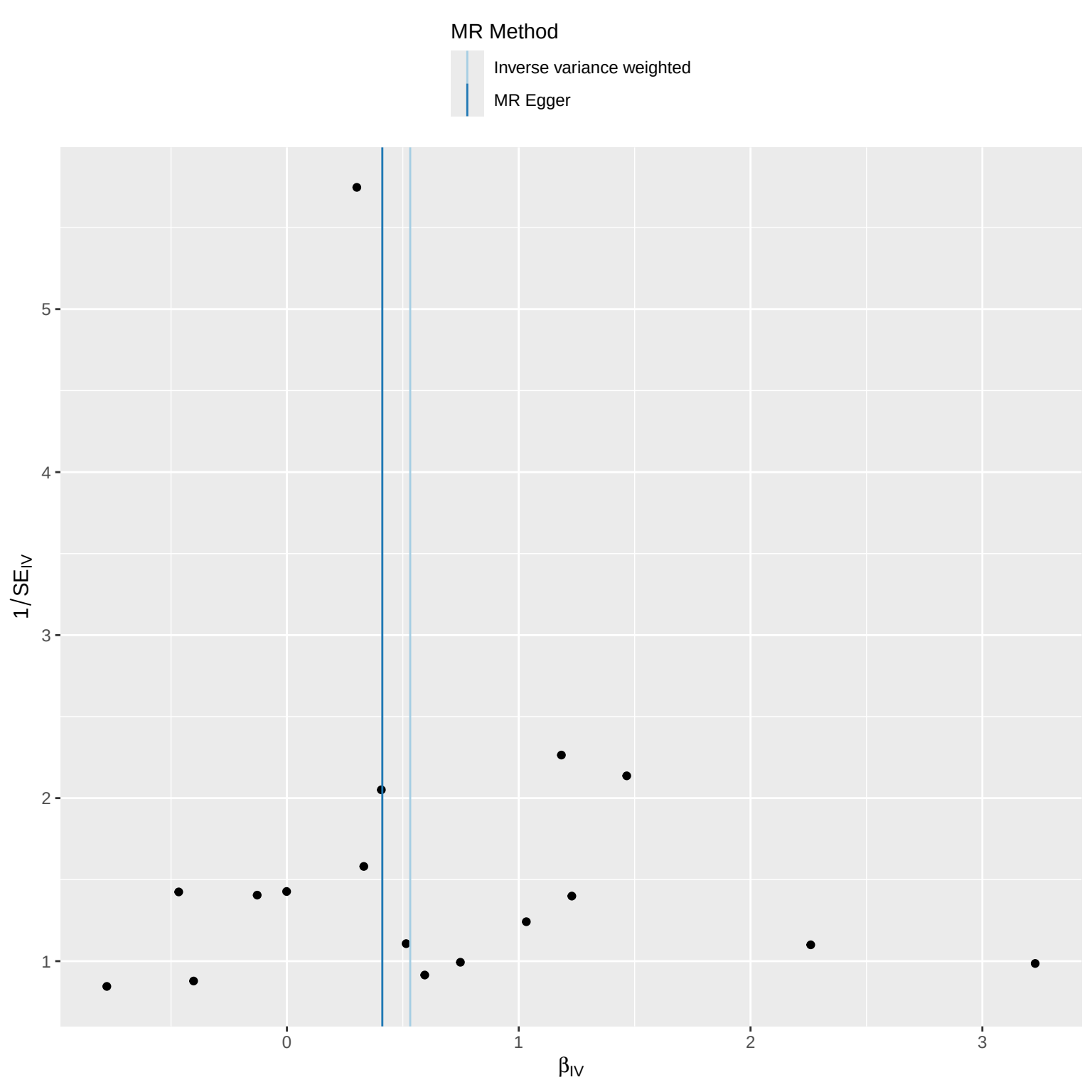

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

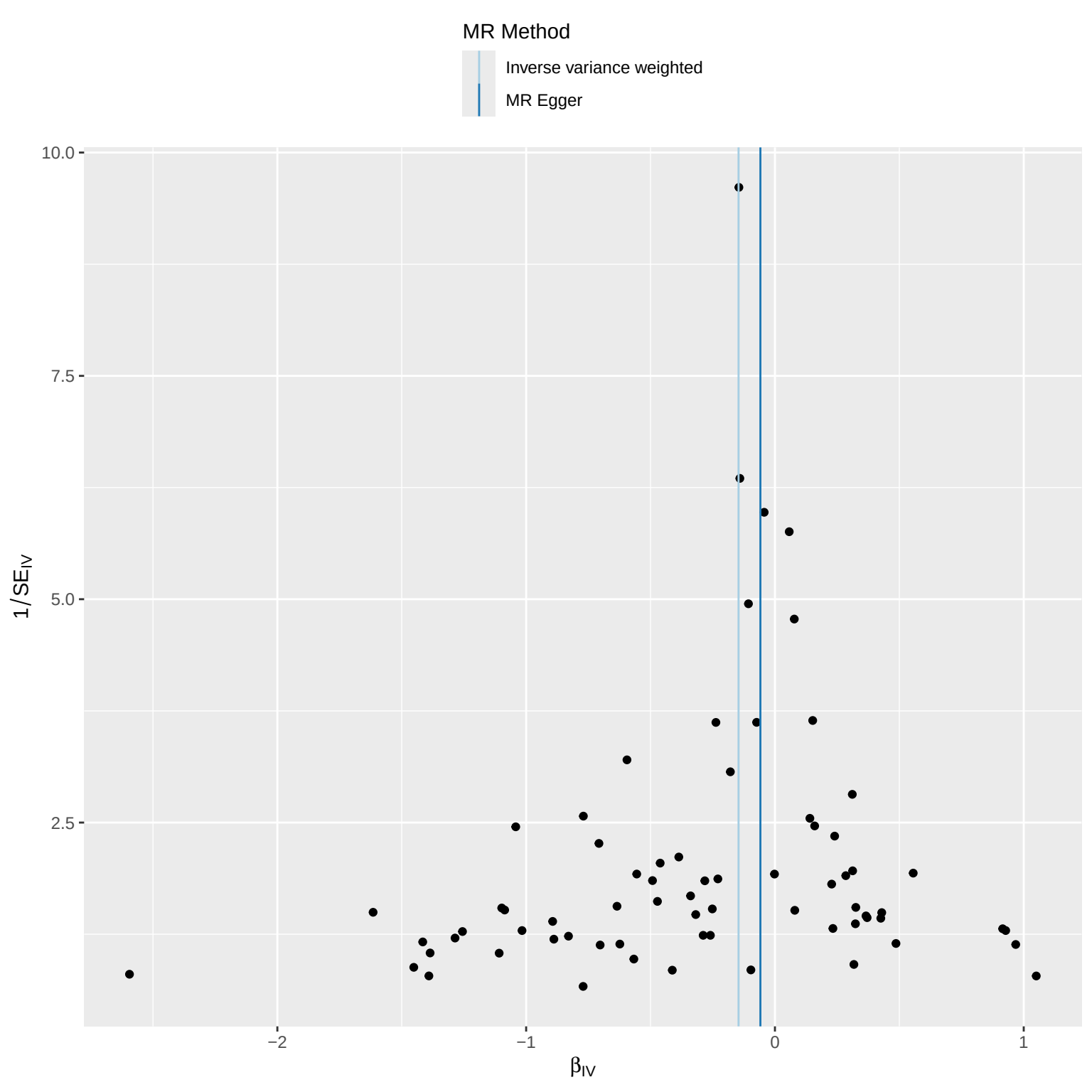

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.4
−0.3
−0.2
−0.1
β_IV

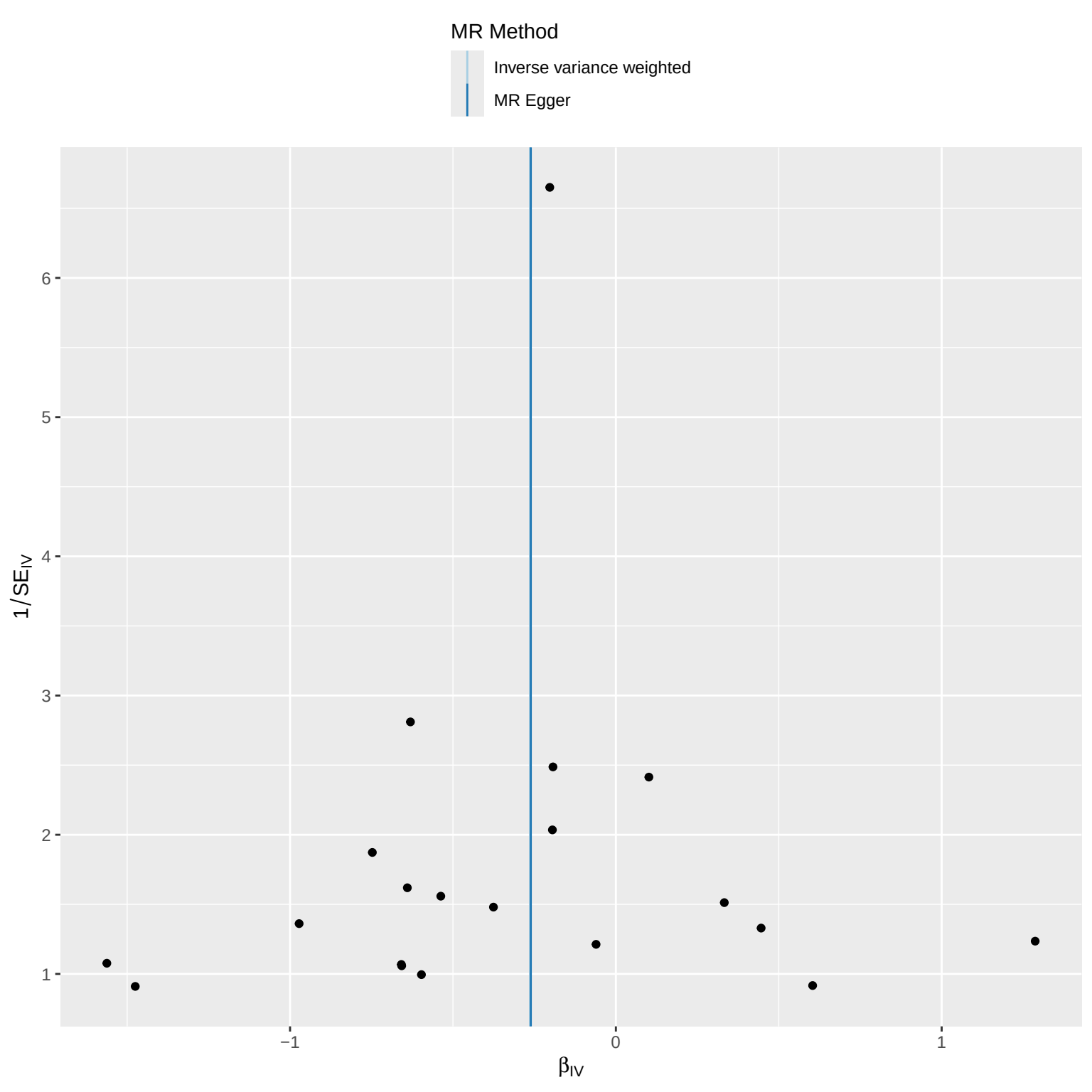

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

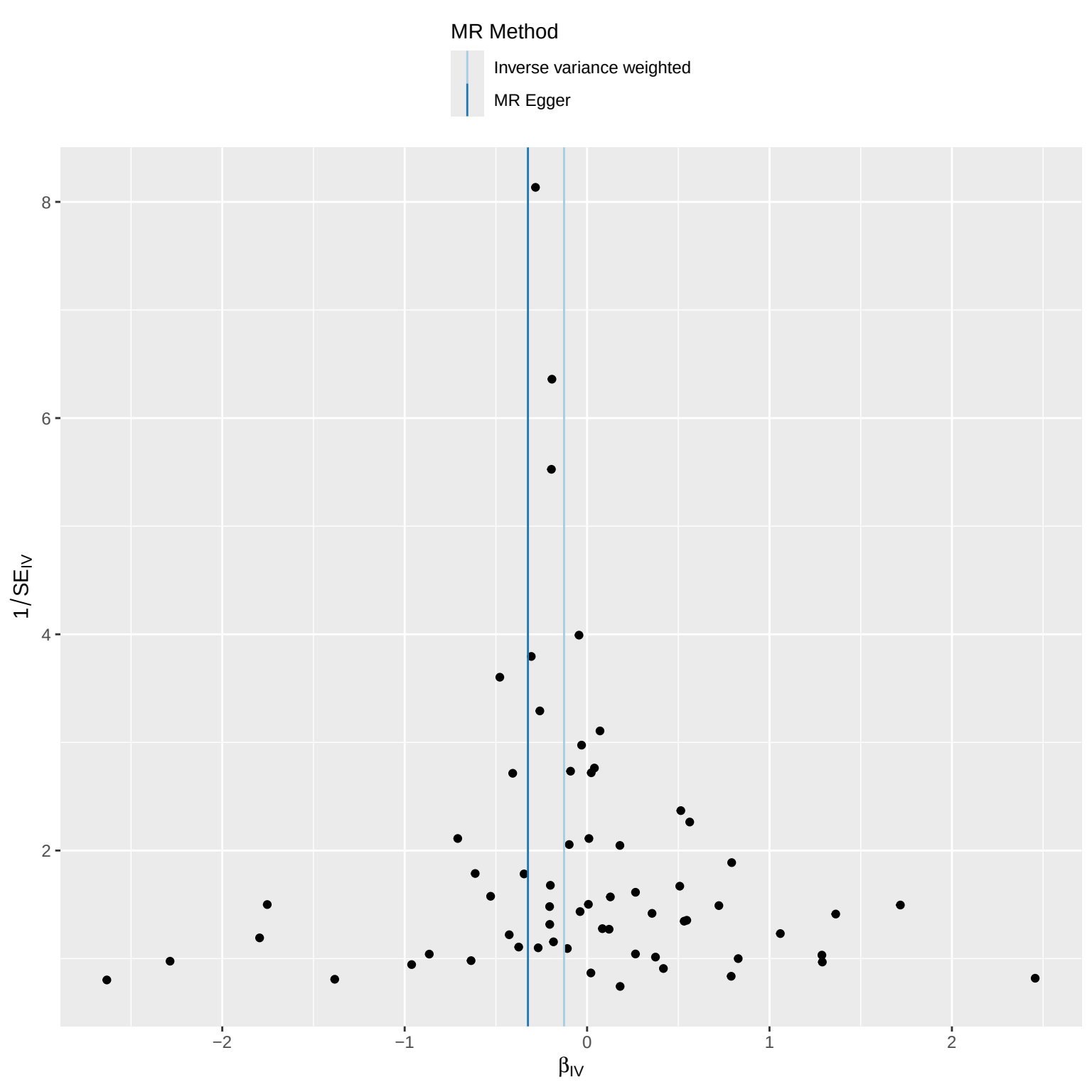

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

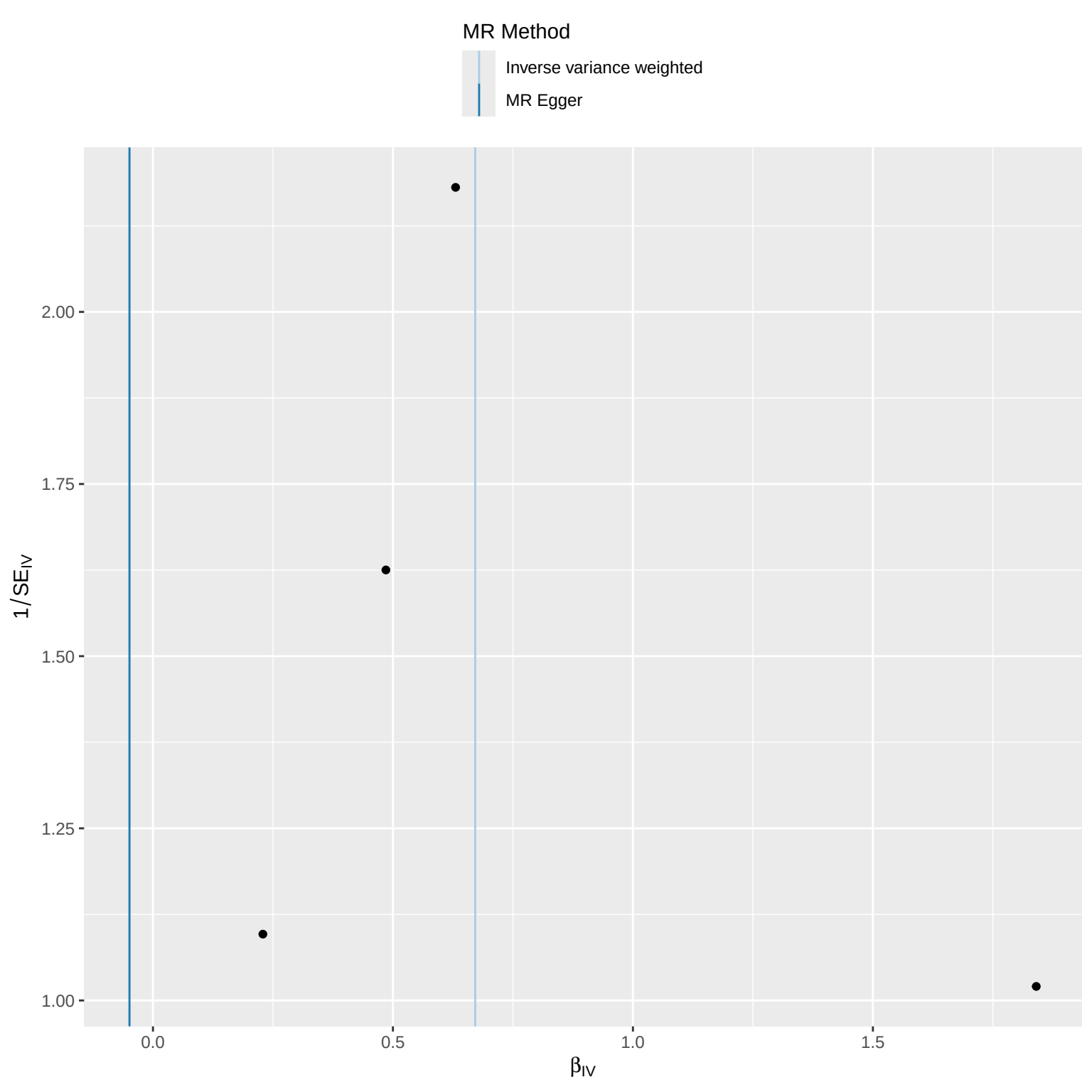

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
β_IV

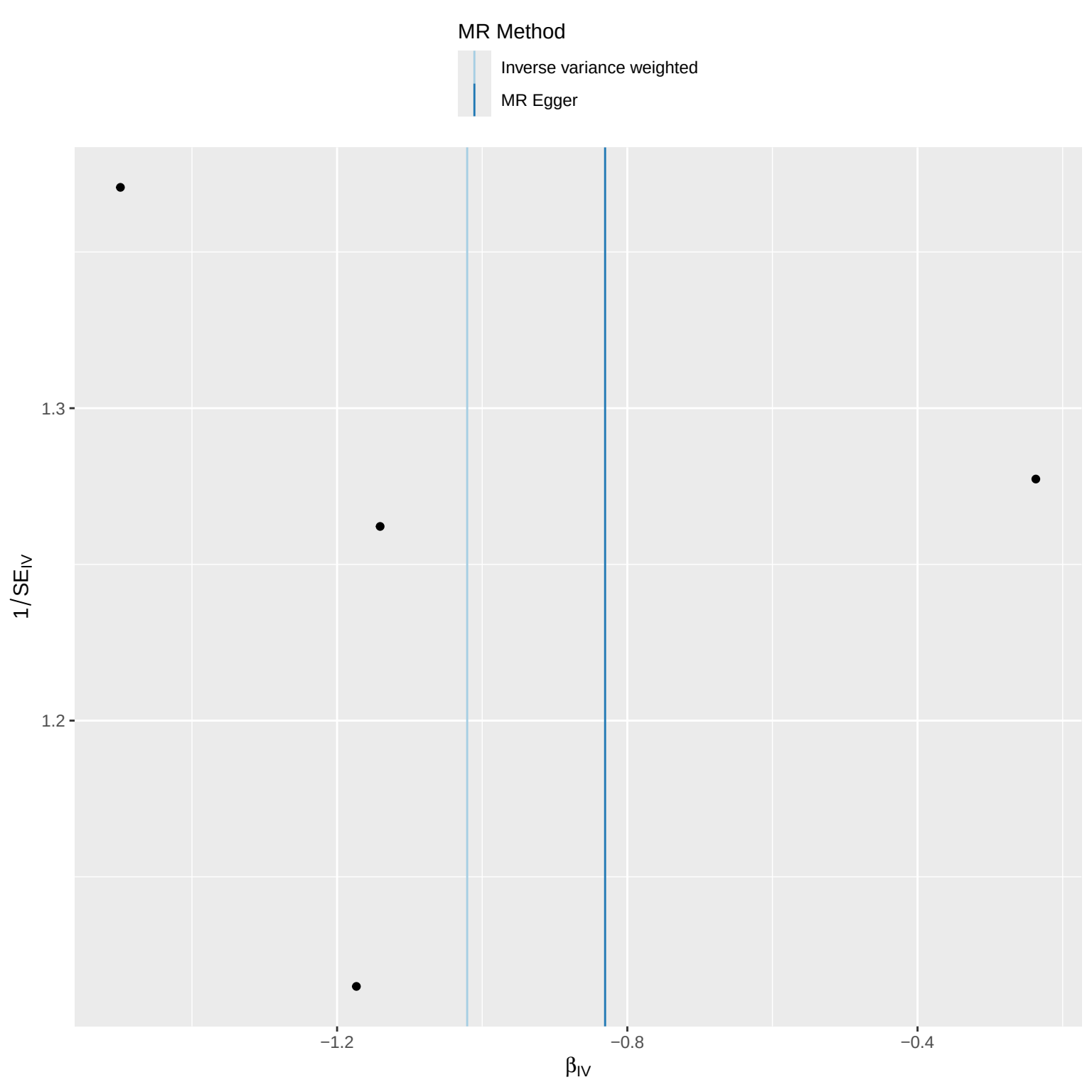

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
1
2
3
β_IV

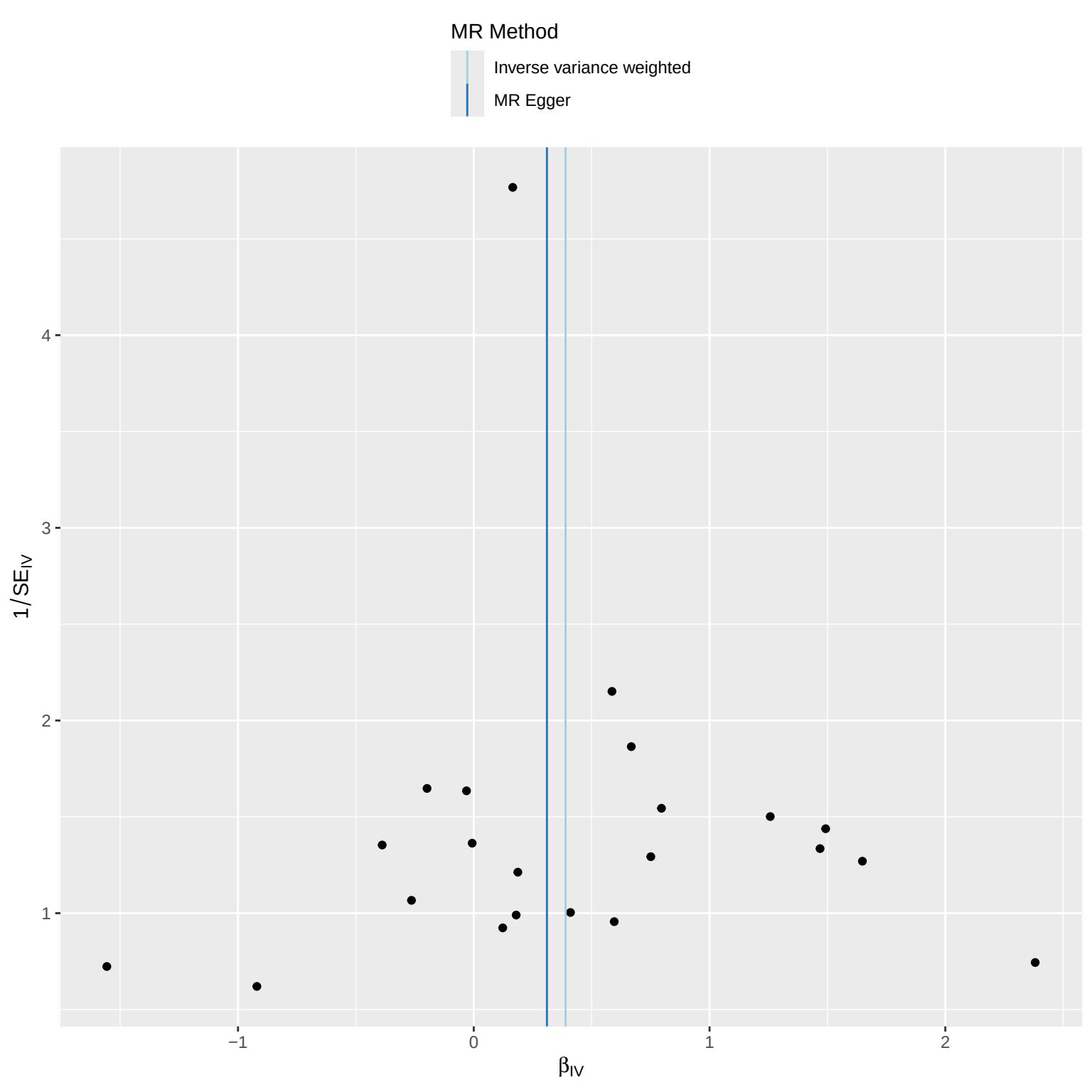

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

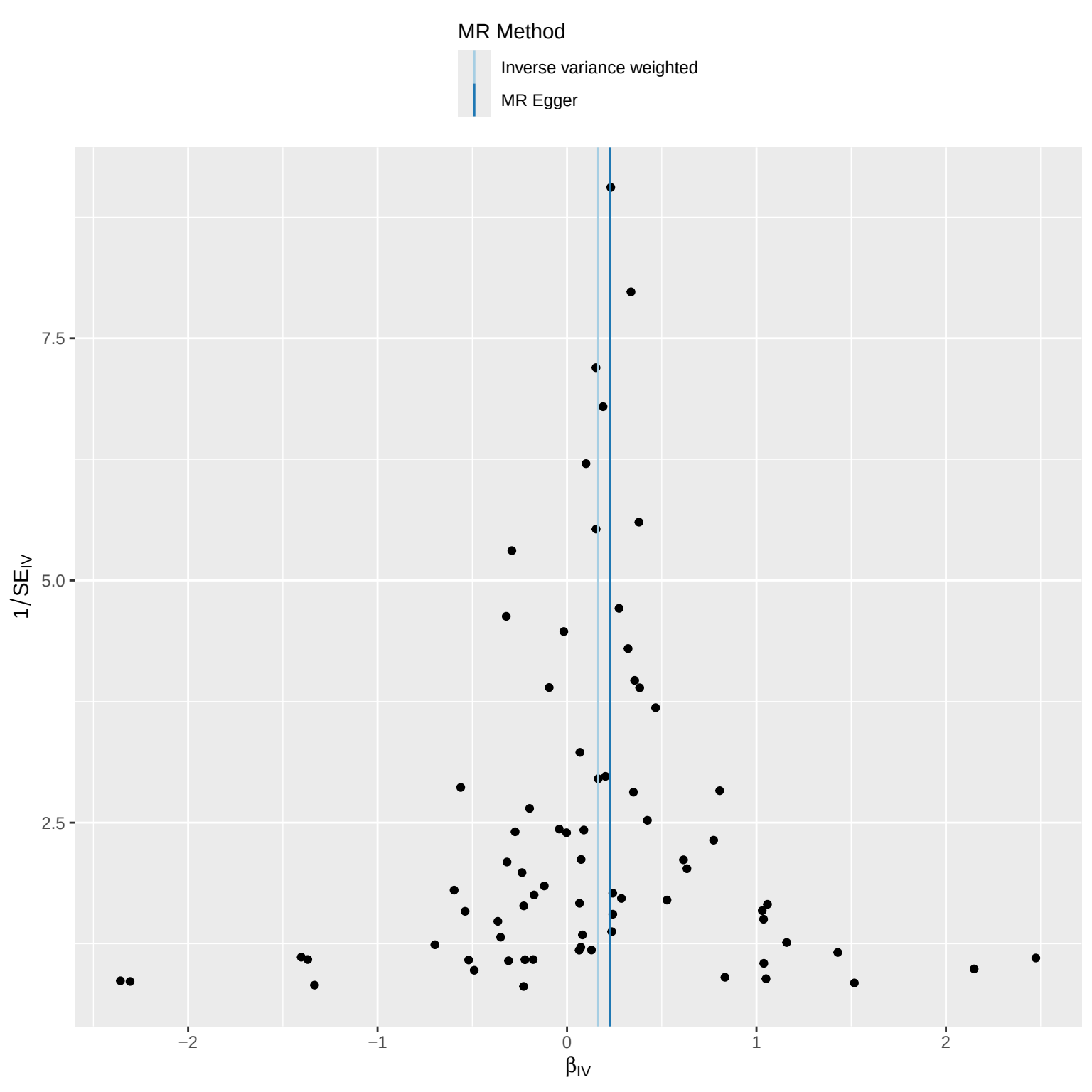

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

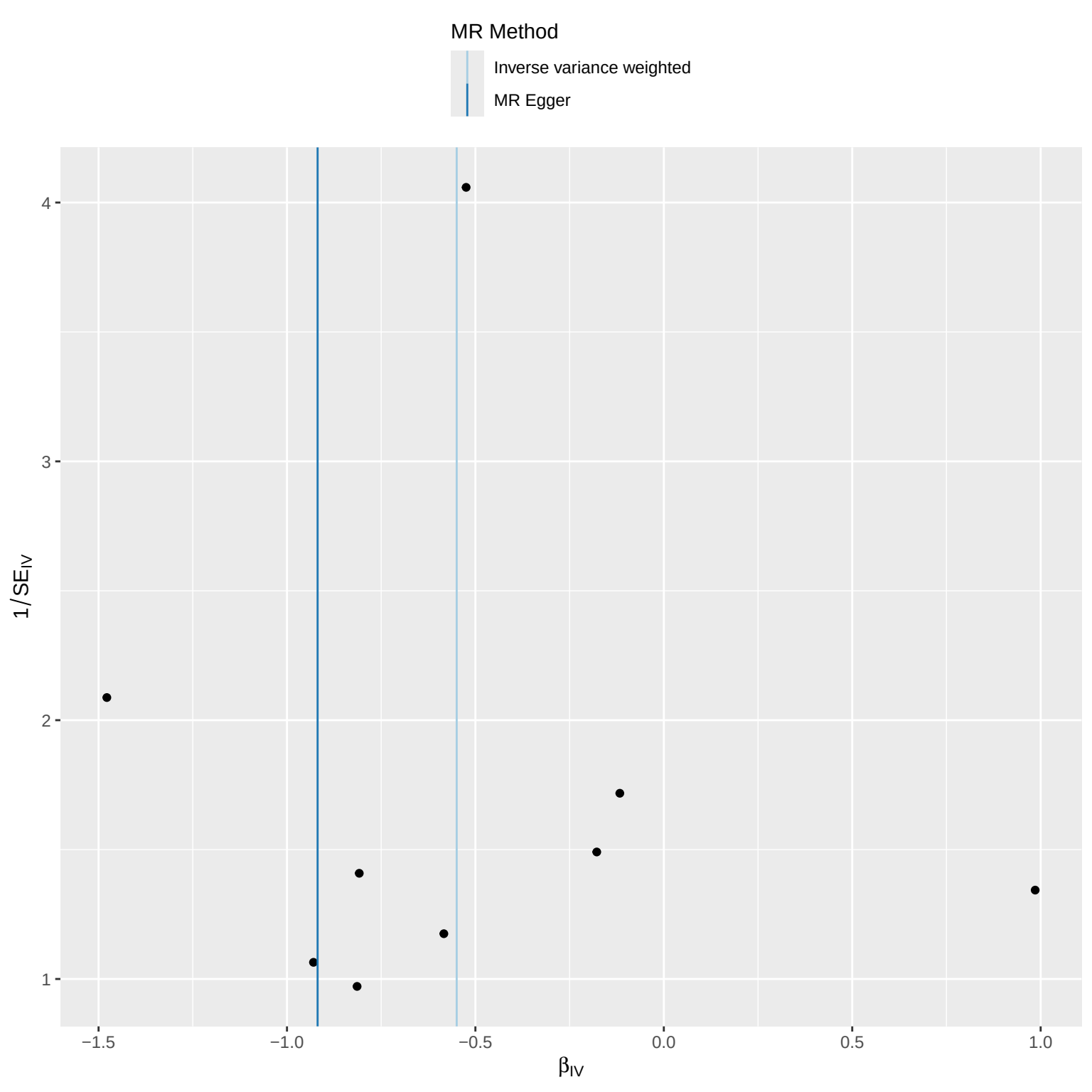

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

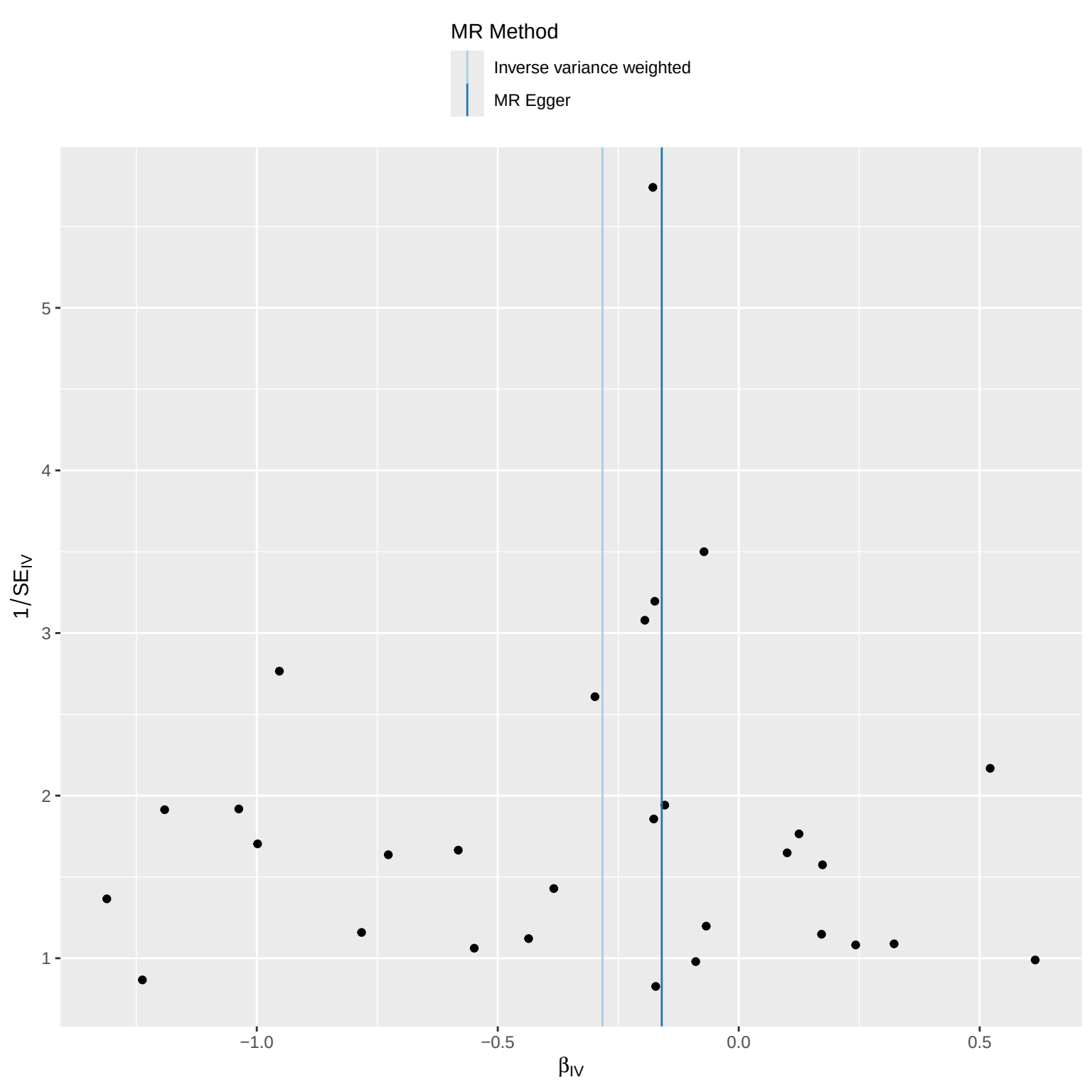

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

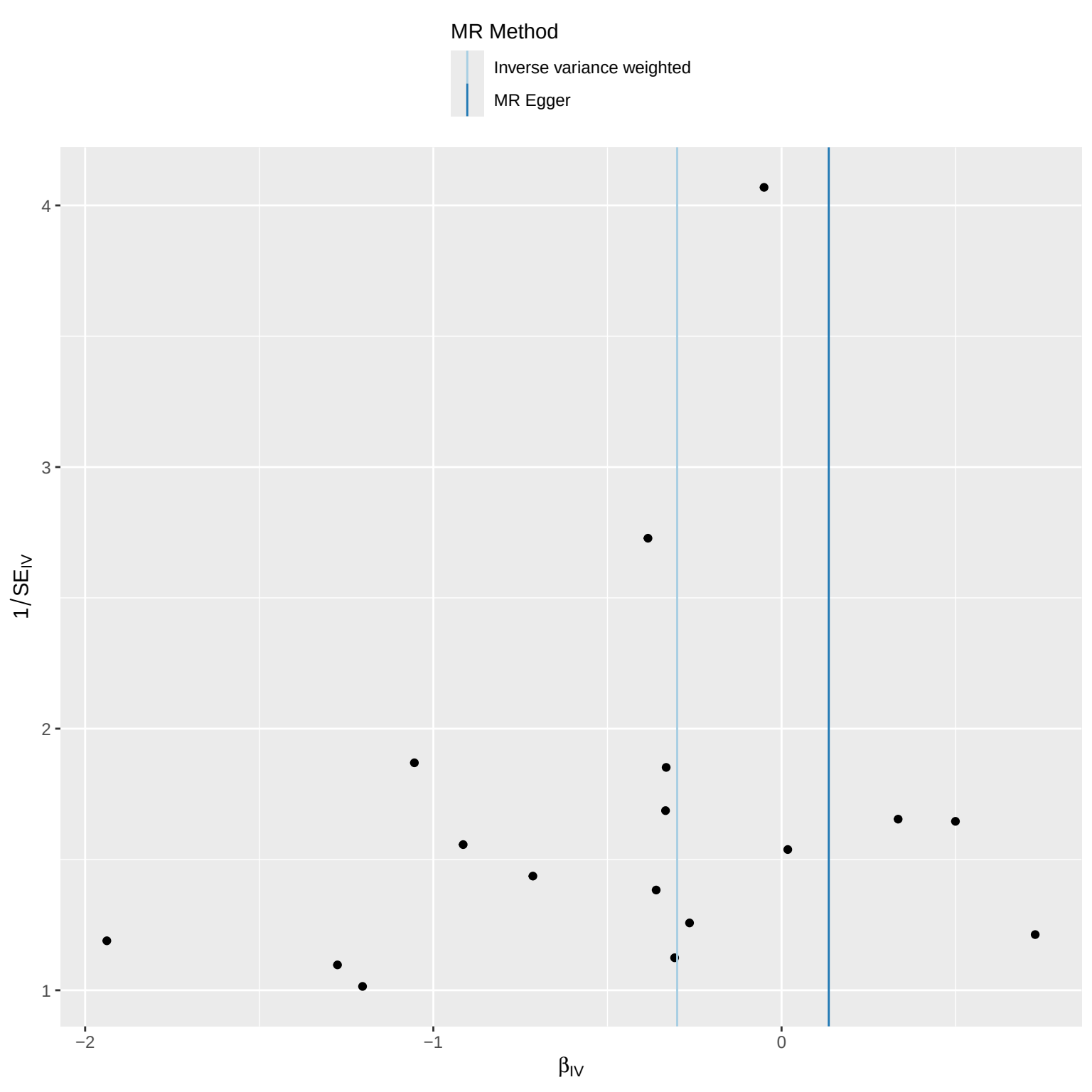

MR Method
Inverse variance weighted
MR Egger
1.3
1.2
1/SE_IV
−1.2
−0.8
−0.4
β_IV

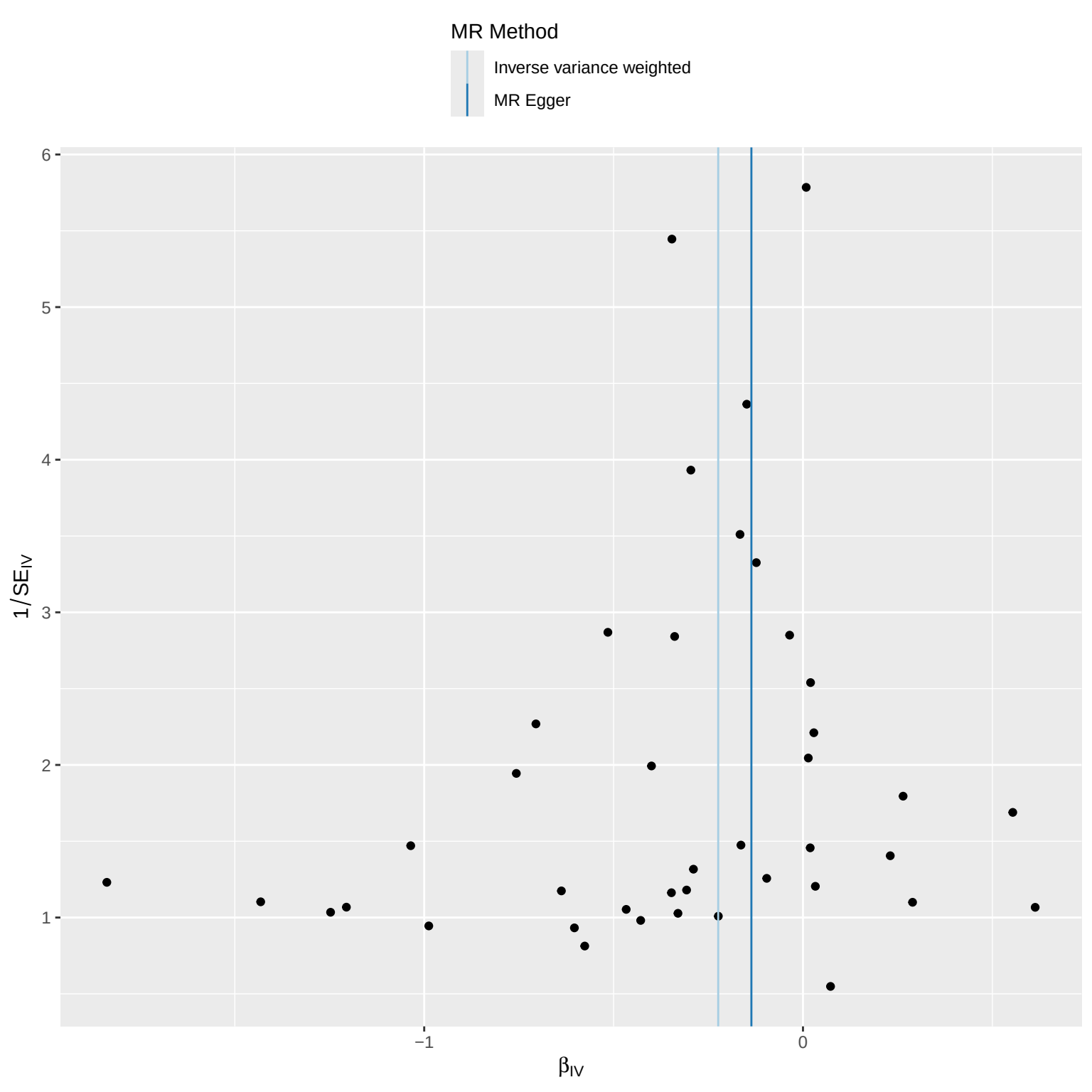

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

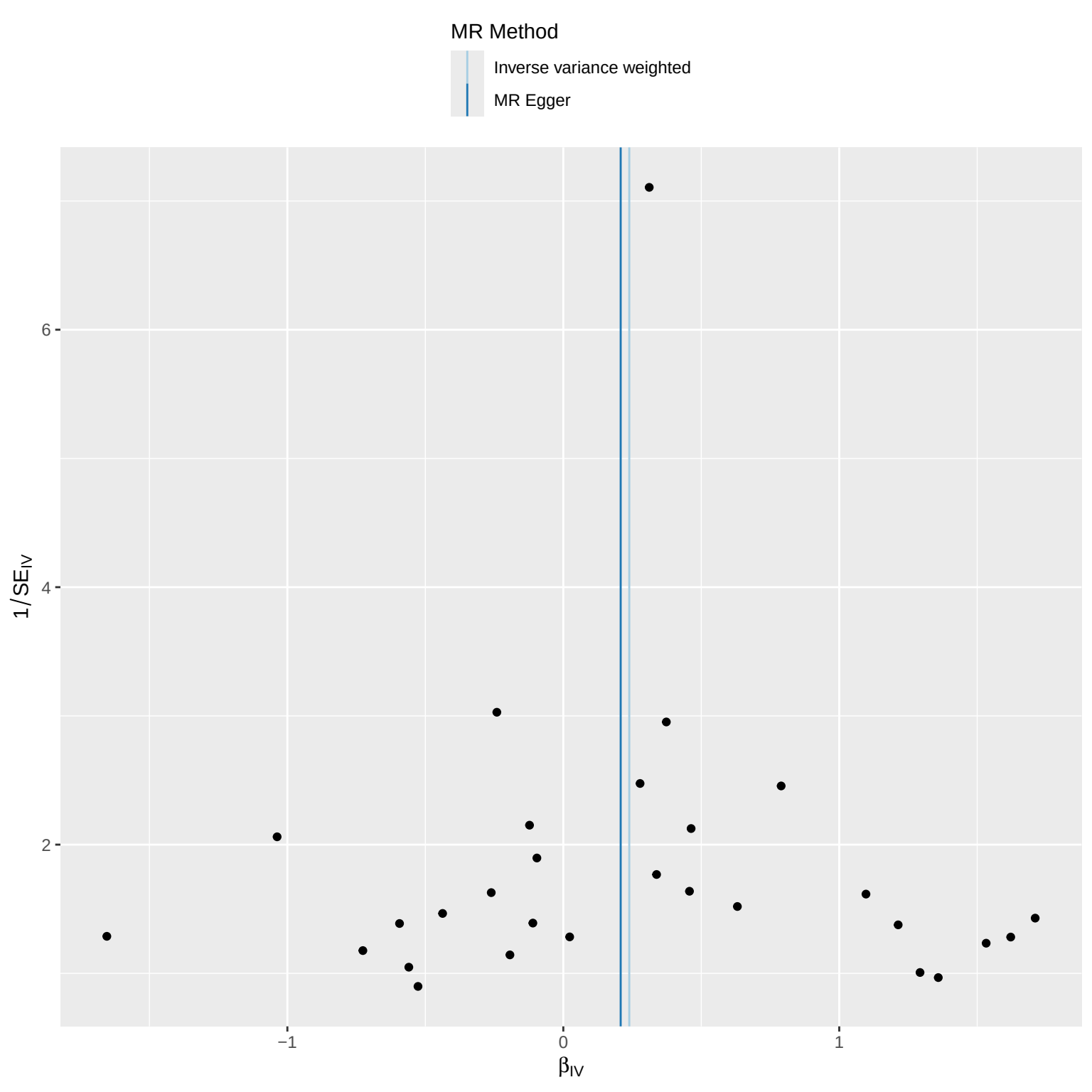

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

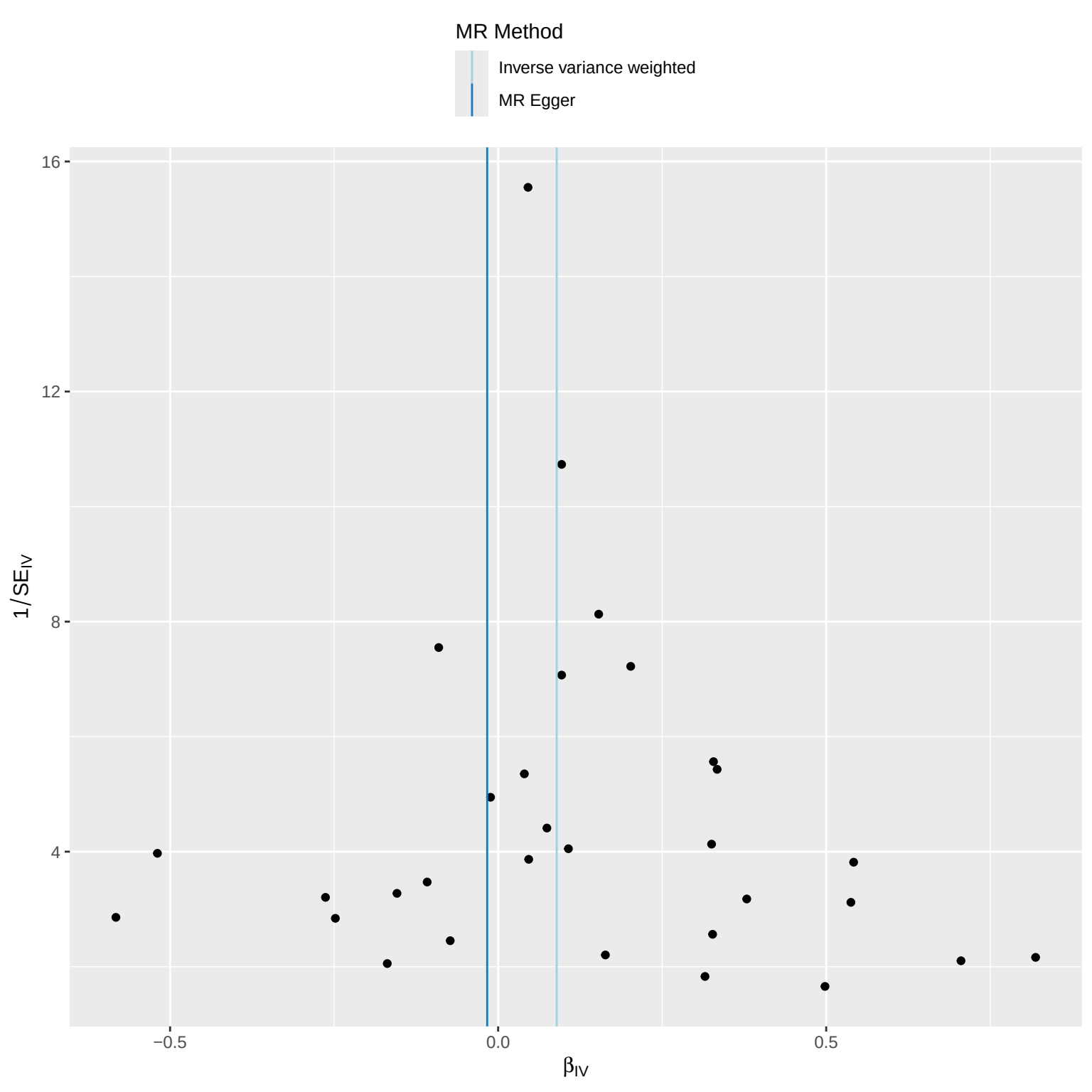

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

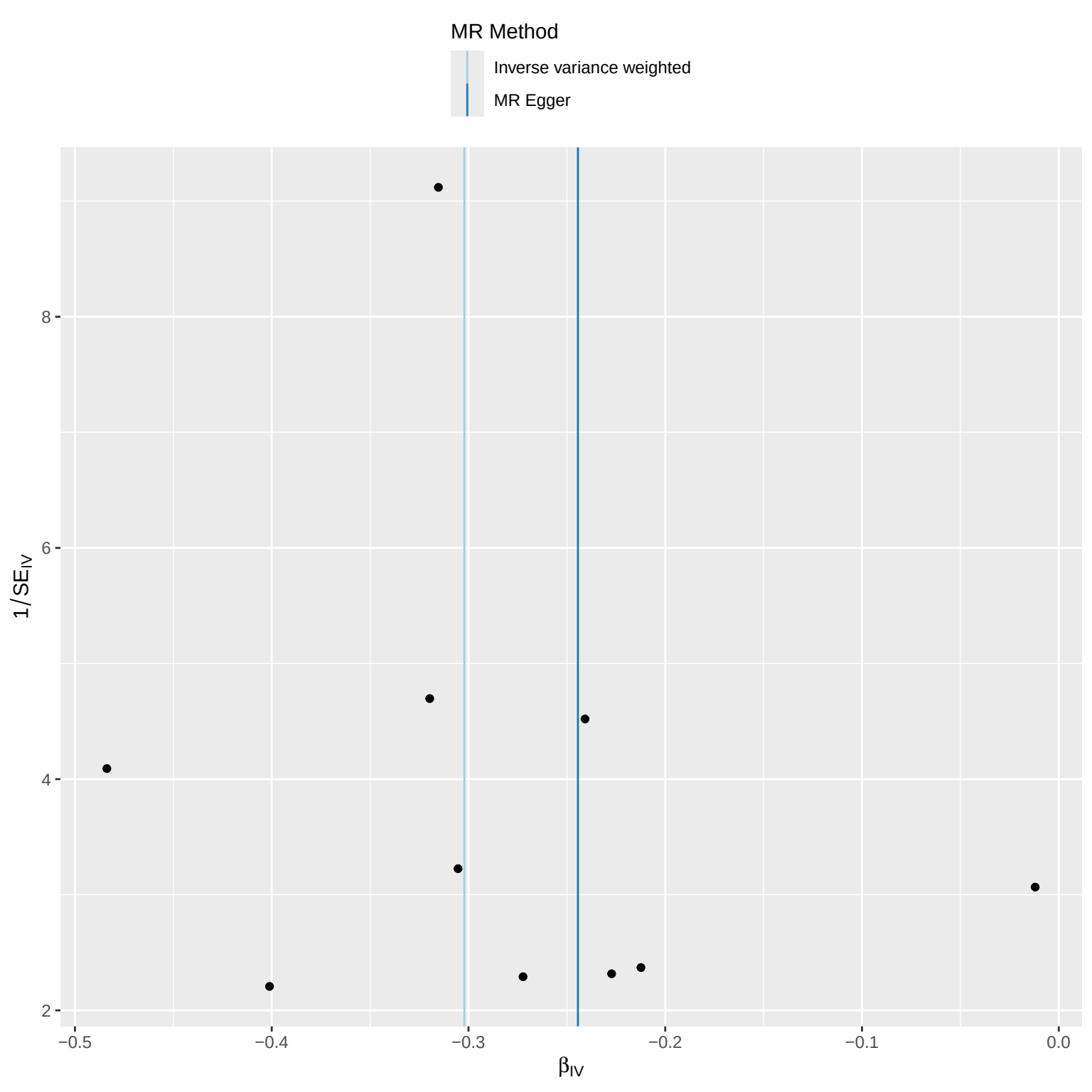

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

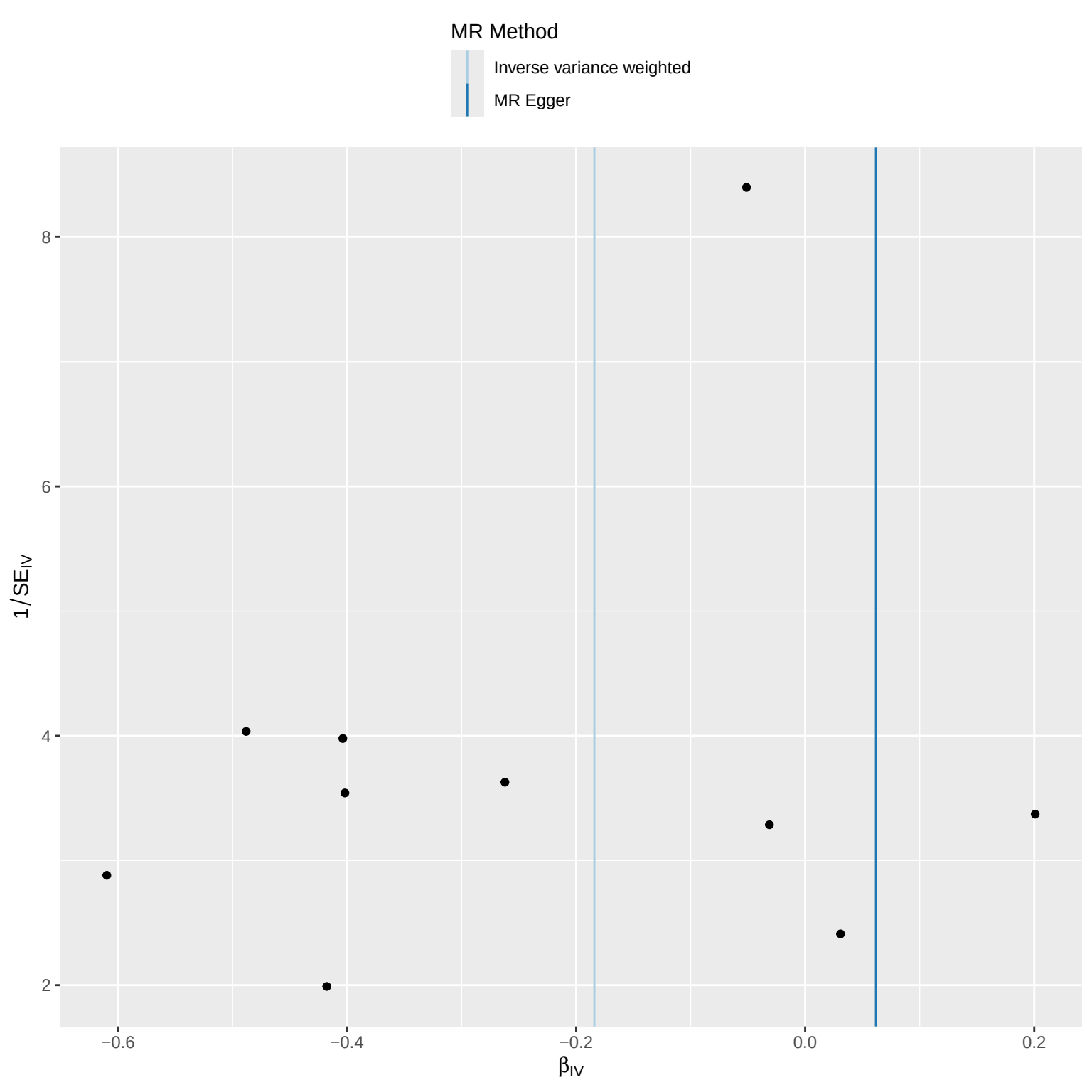

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

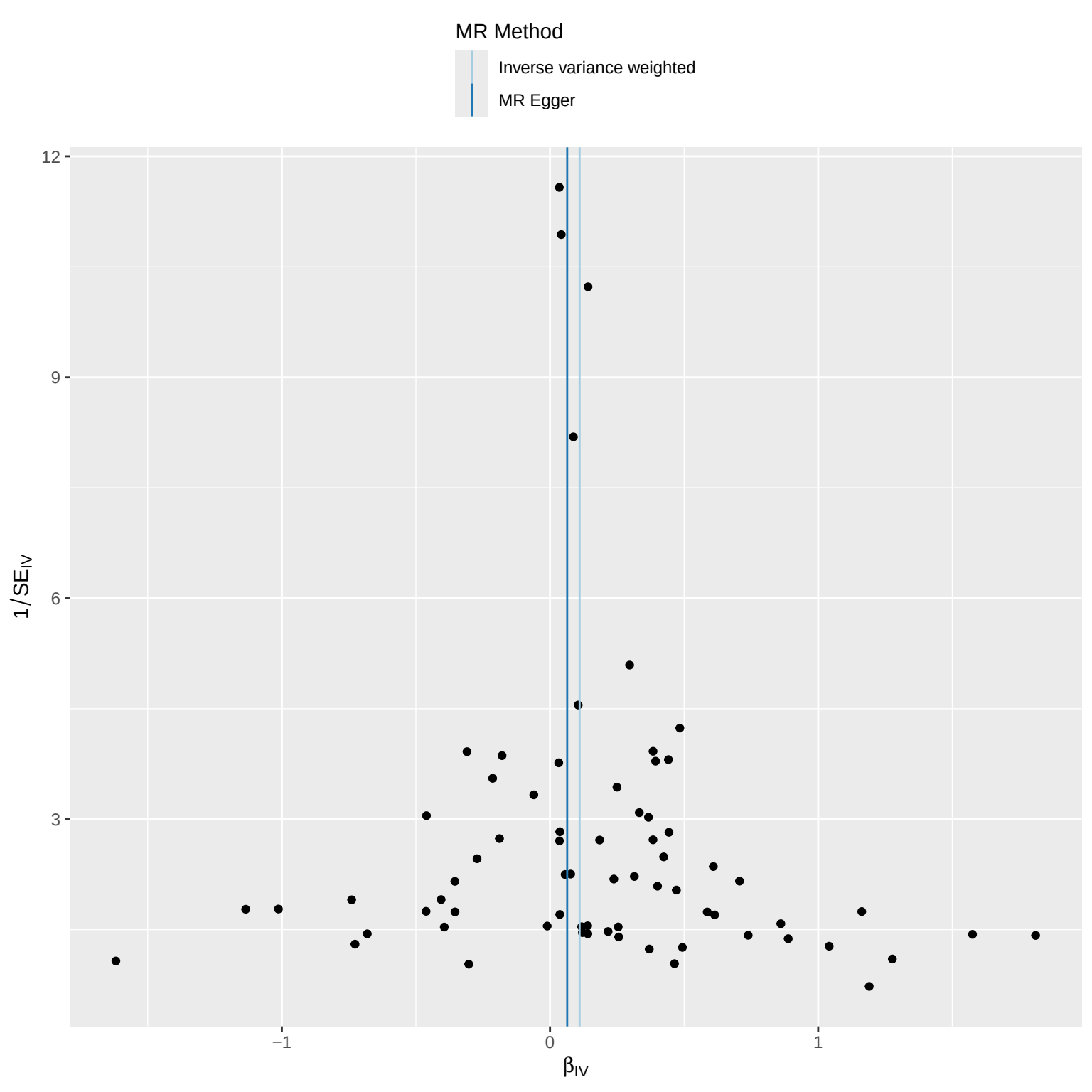

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
β_IV

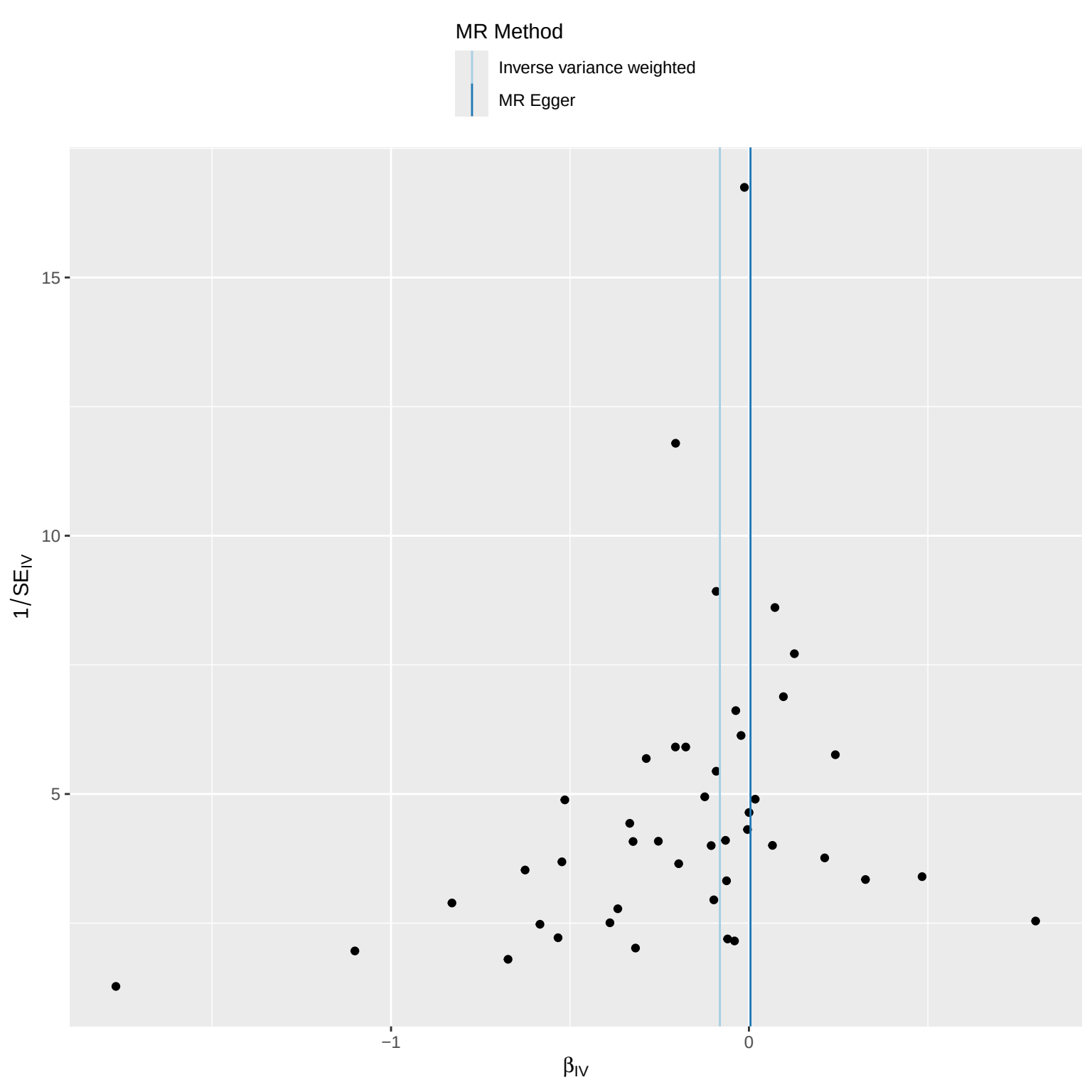

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

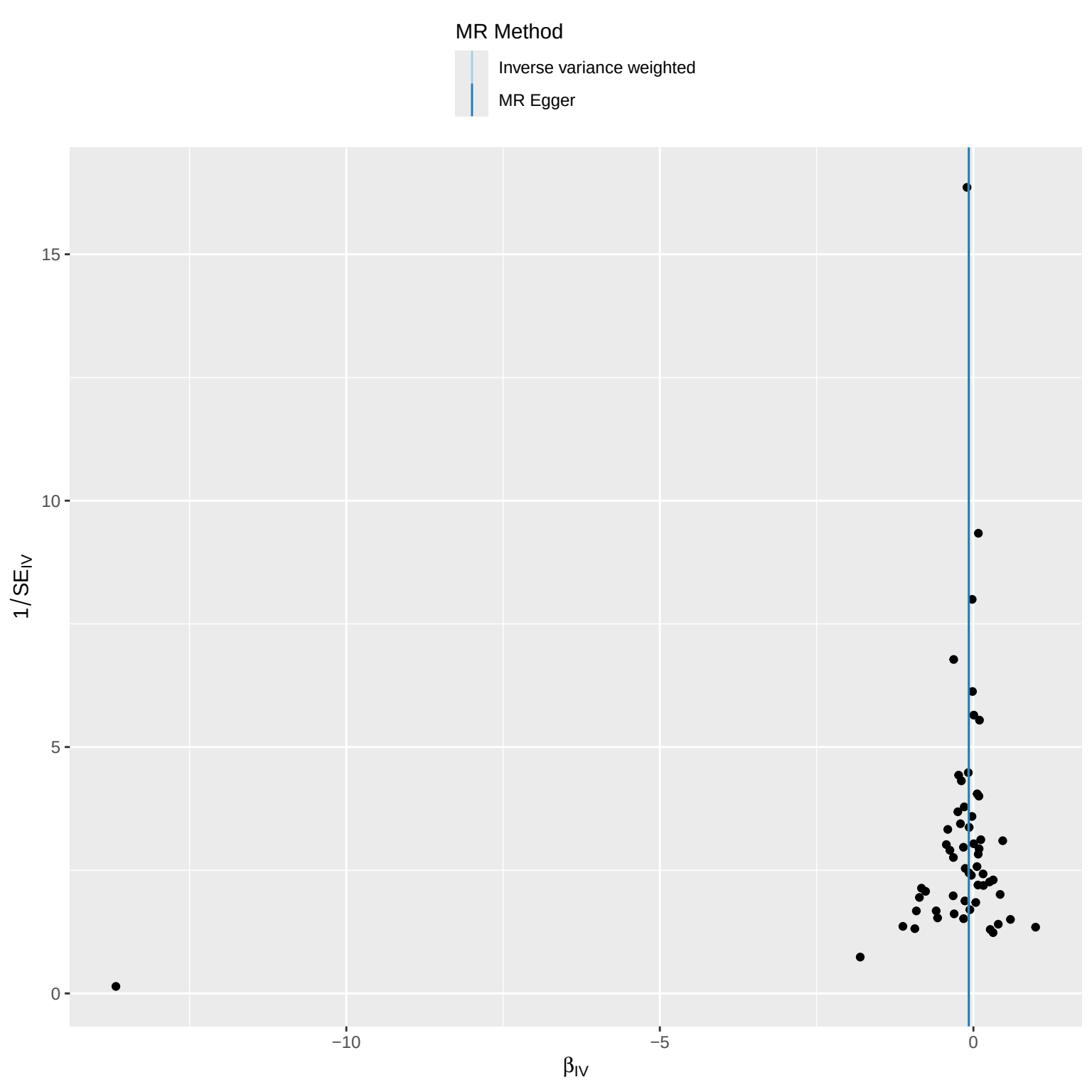

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.5
0.0
0.5
β_IV

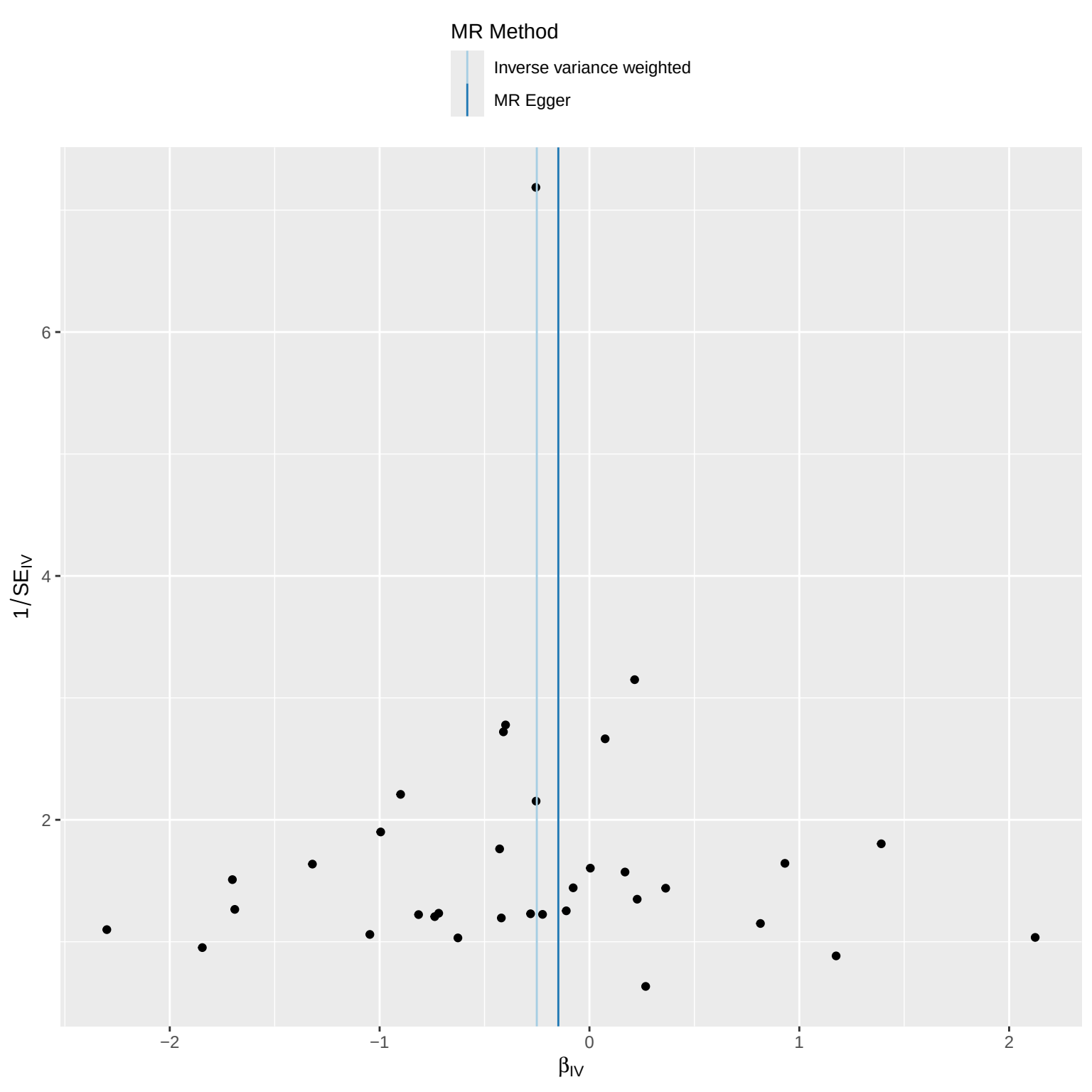

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
−0.4
−0.3
−0.2
−0.1
0.0
β_IV

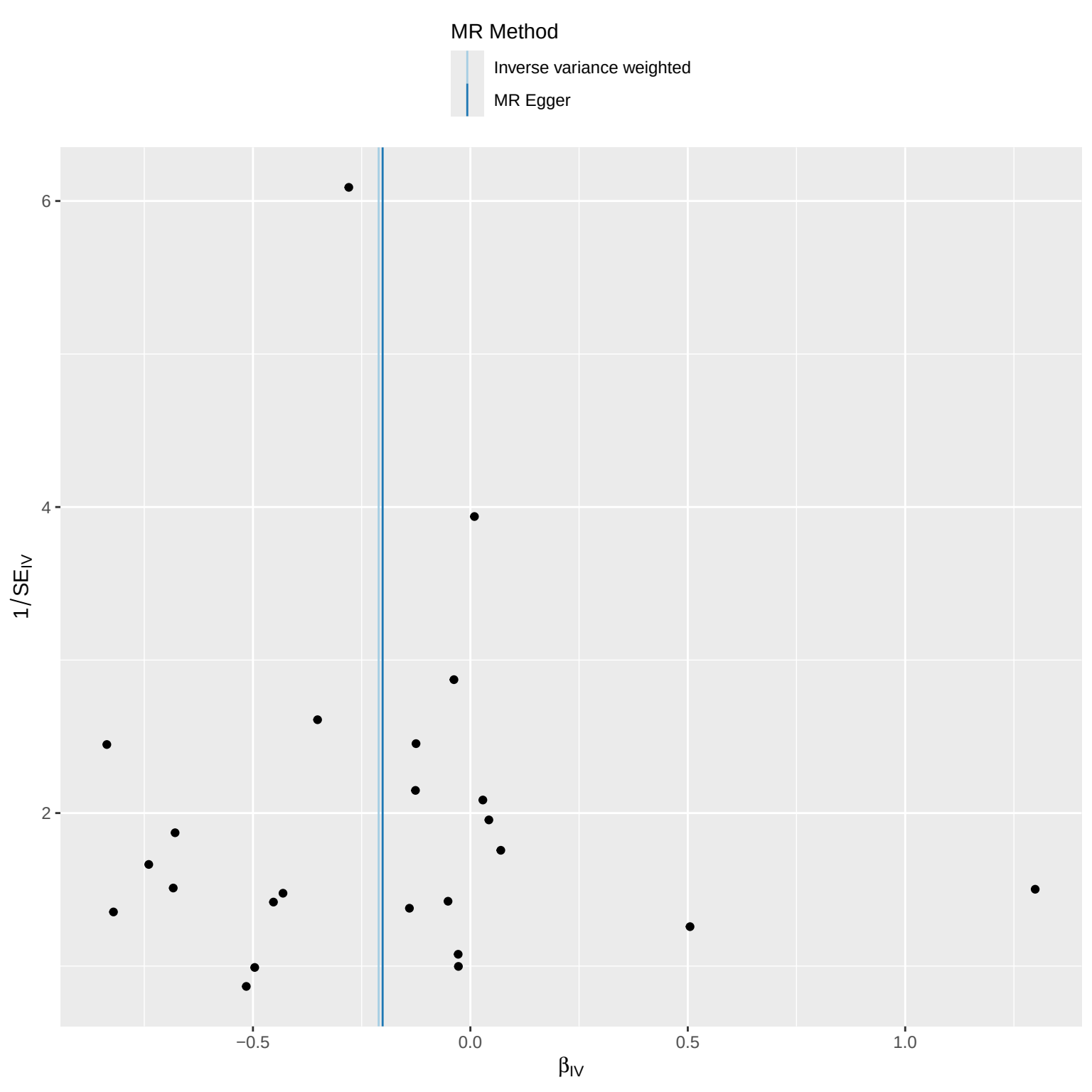

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
β_IV

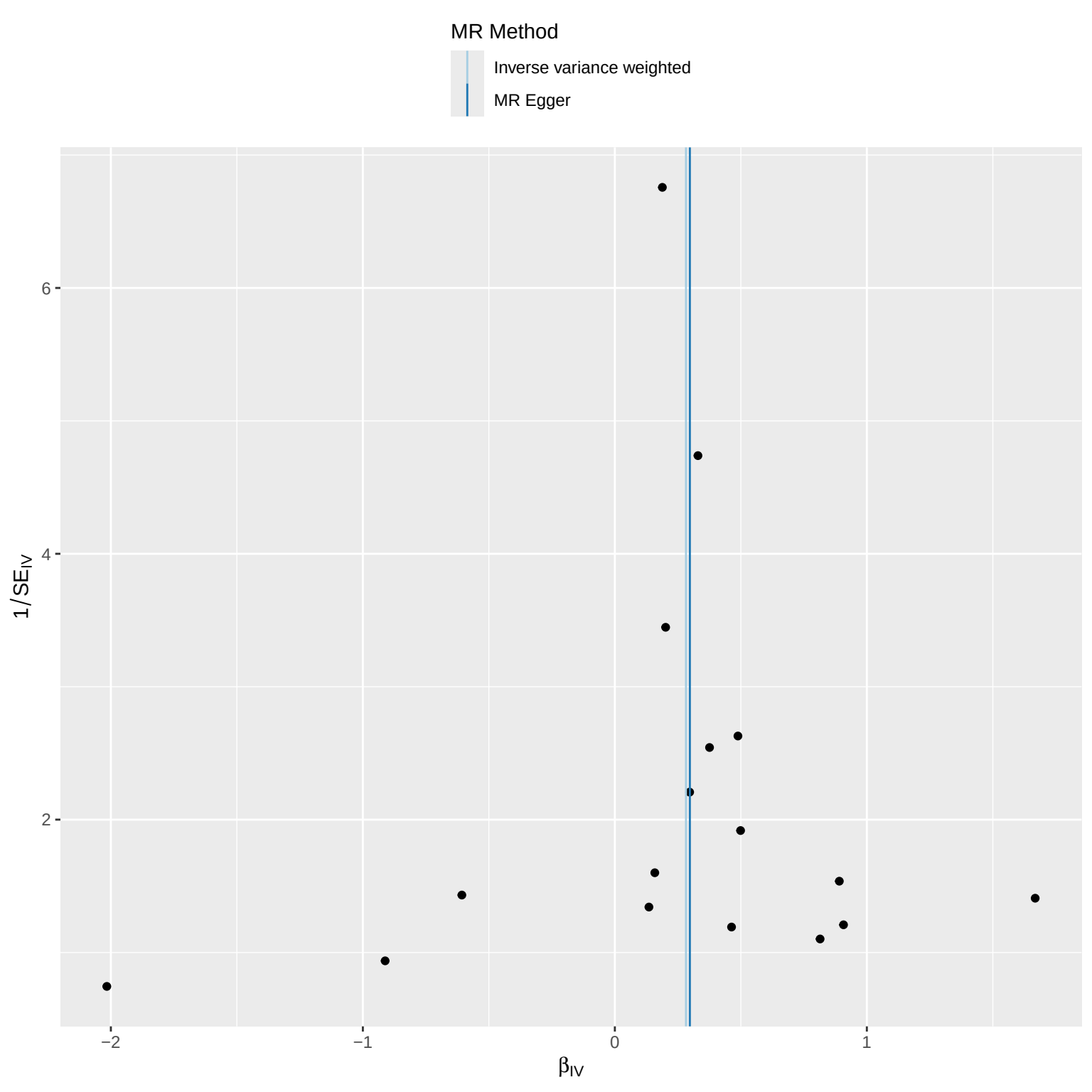

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−1
0
1
β_IV

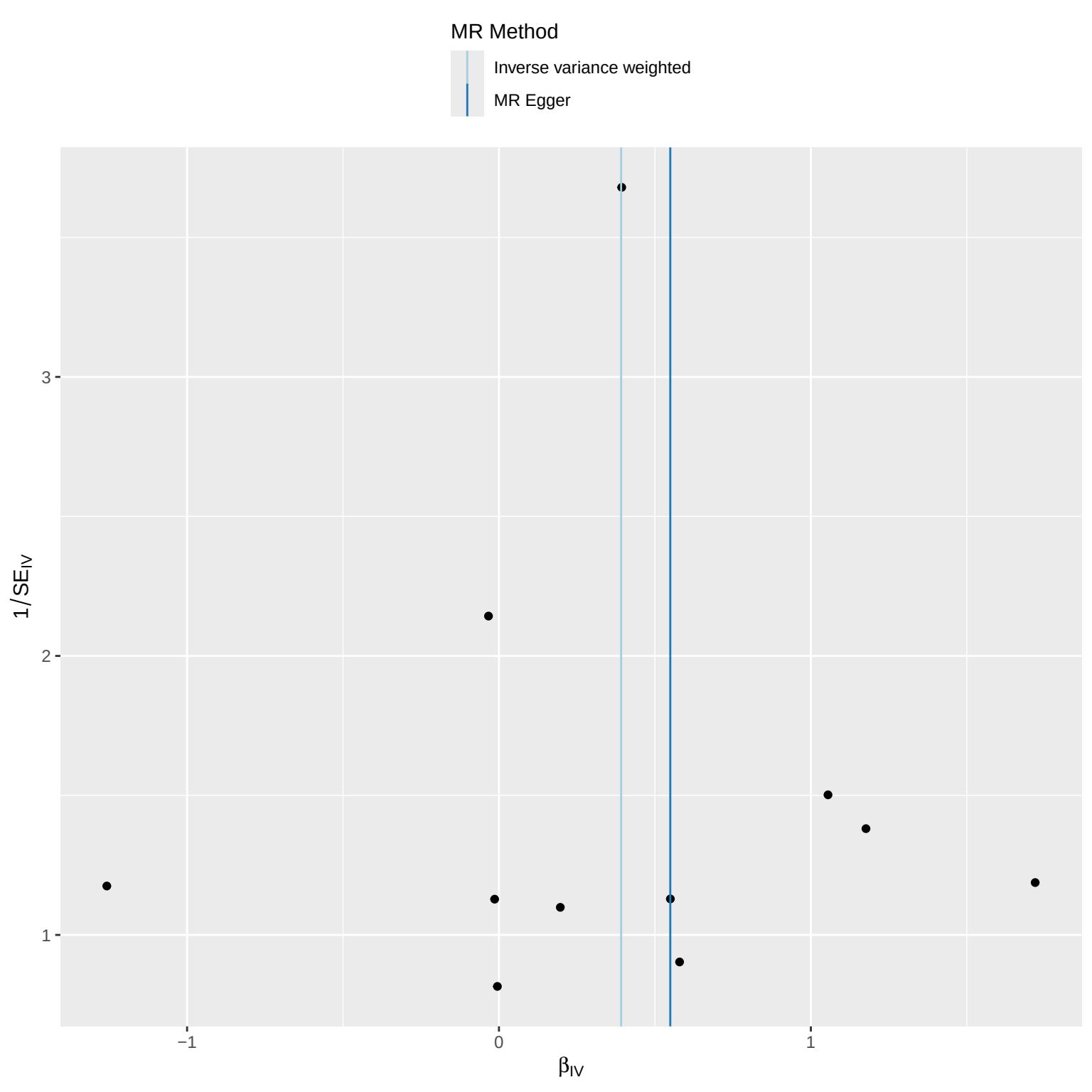

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−1
0
β_IV

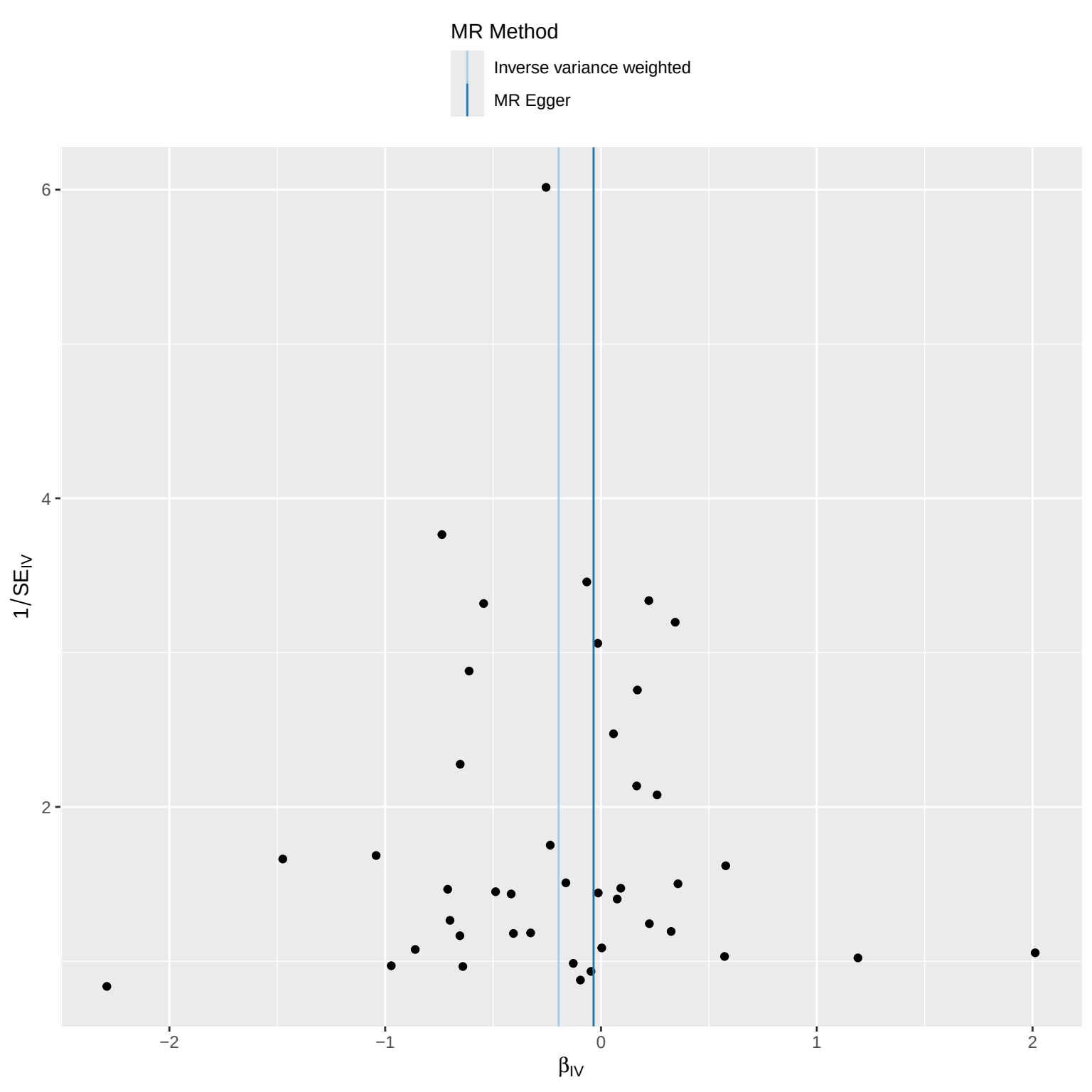

MR Method
Inverse variance weighted
MR Egger
15
10
5
0
1/SE_IV
−10
−5
0
β_IV

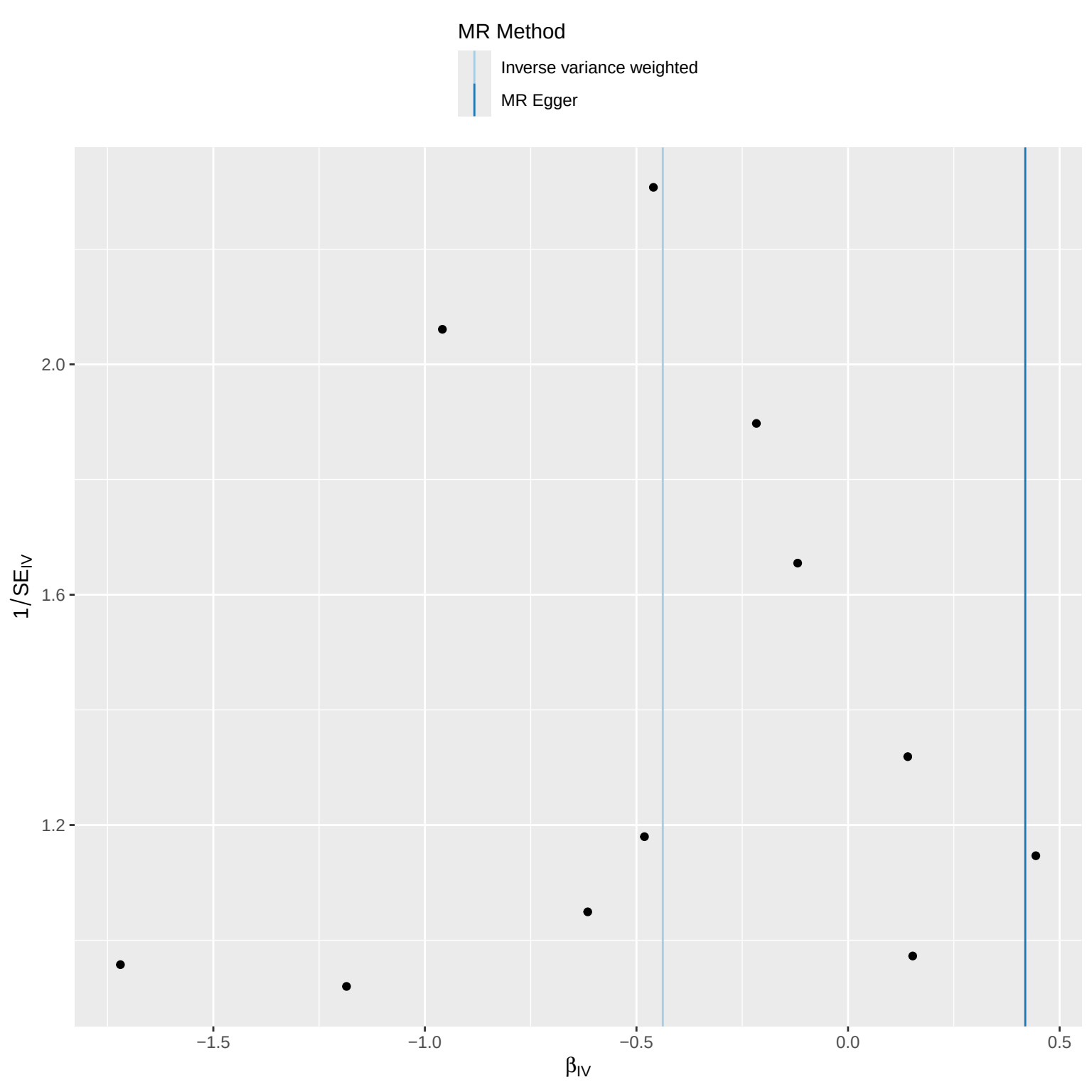

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

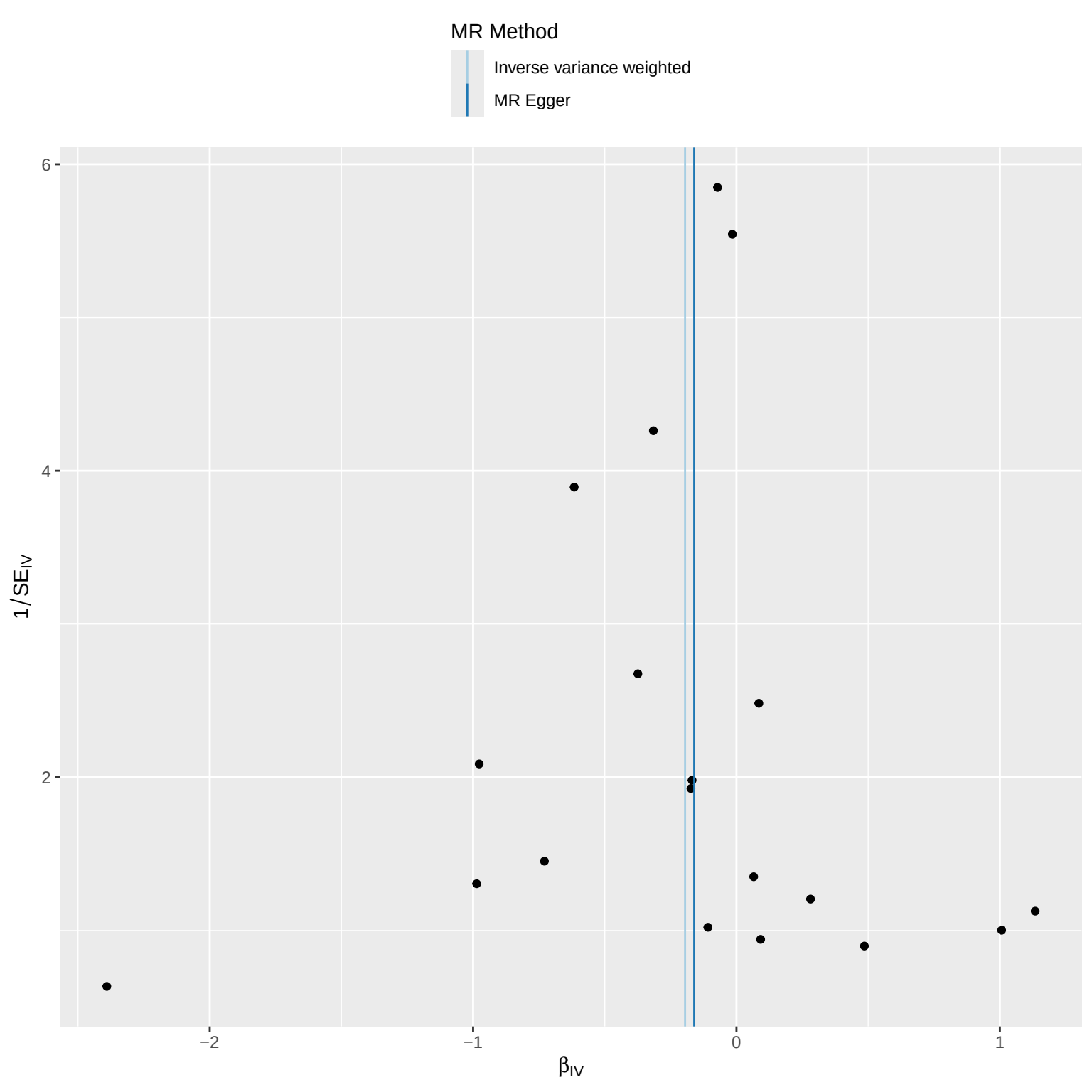

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

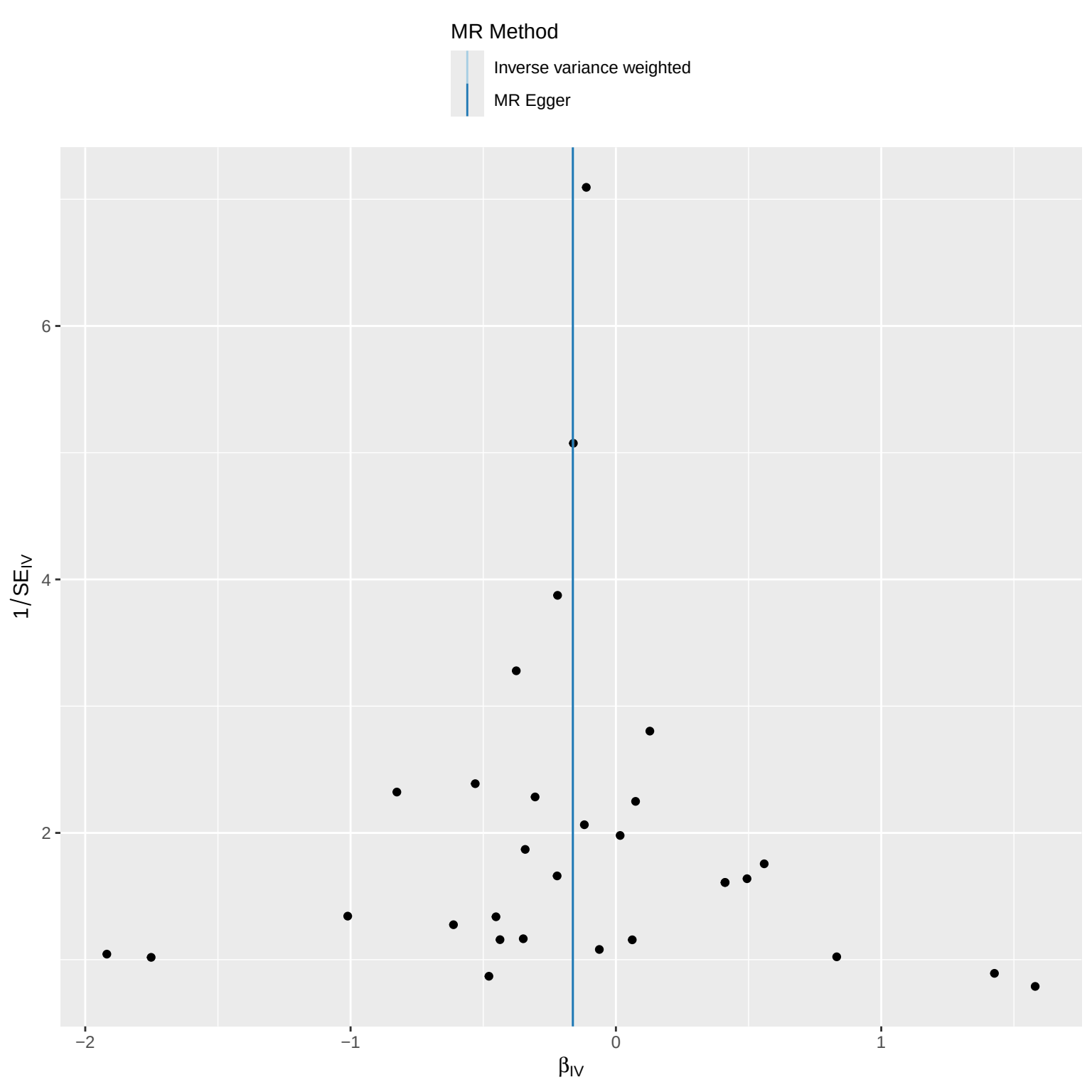

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

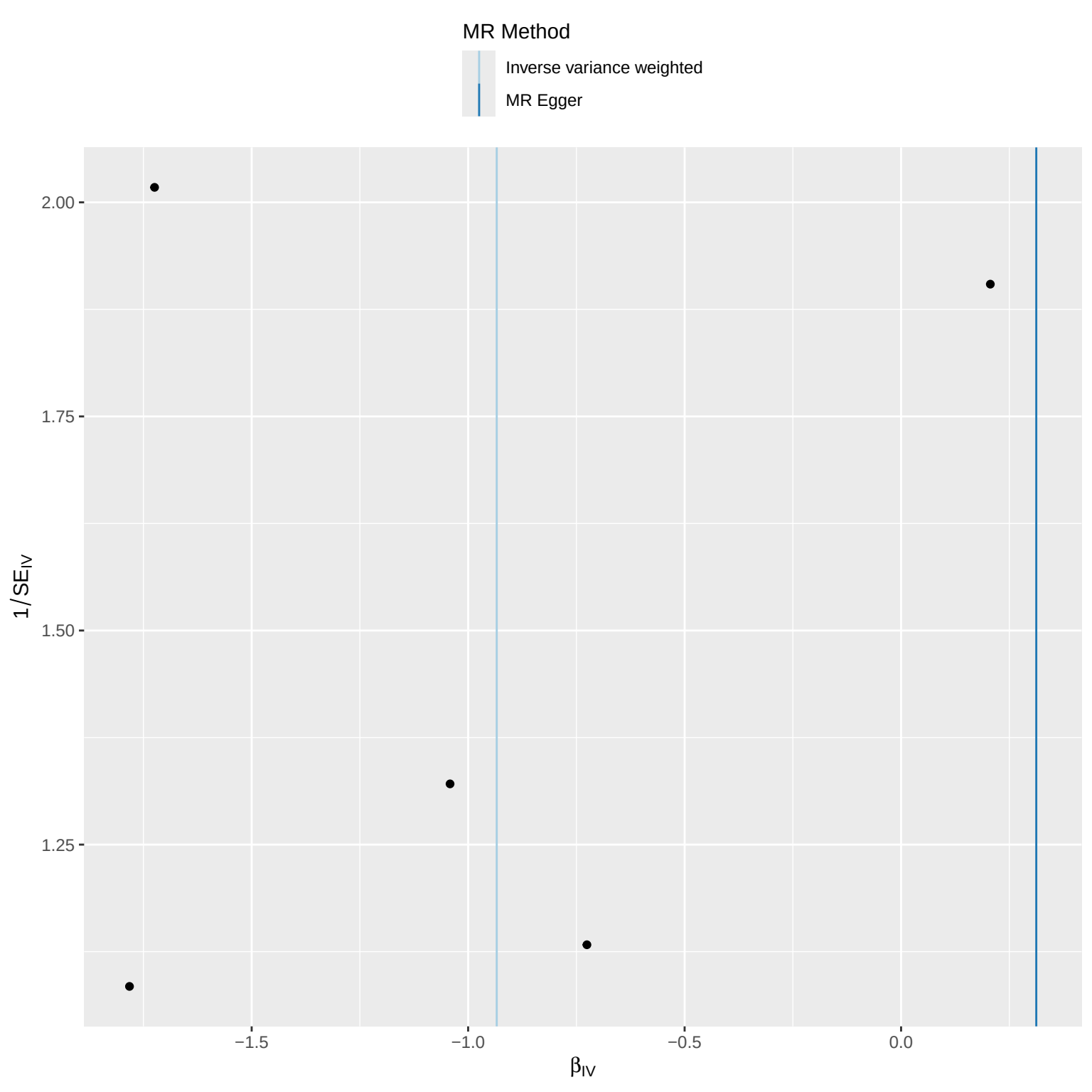

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

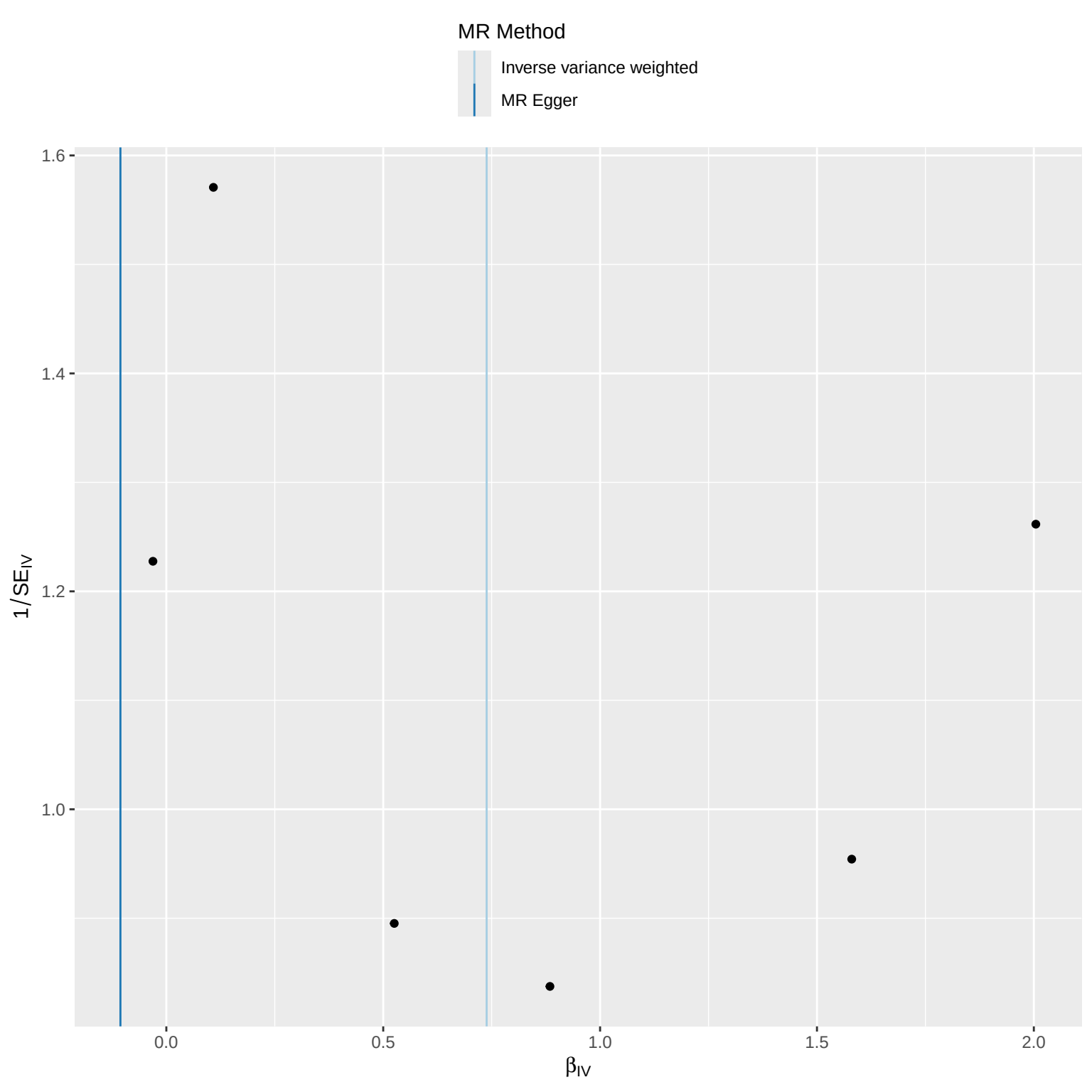

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

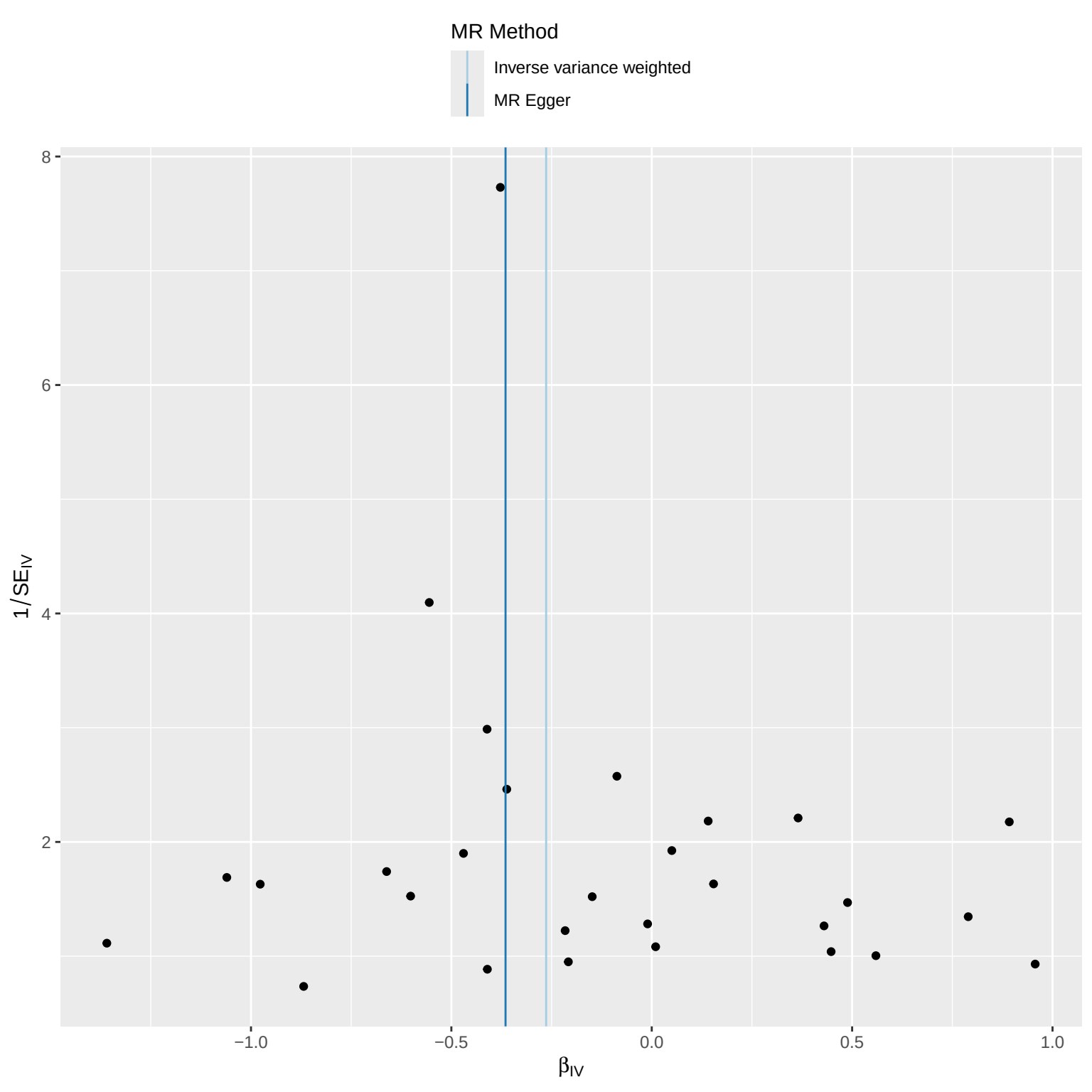

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

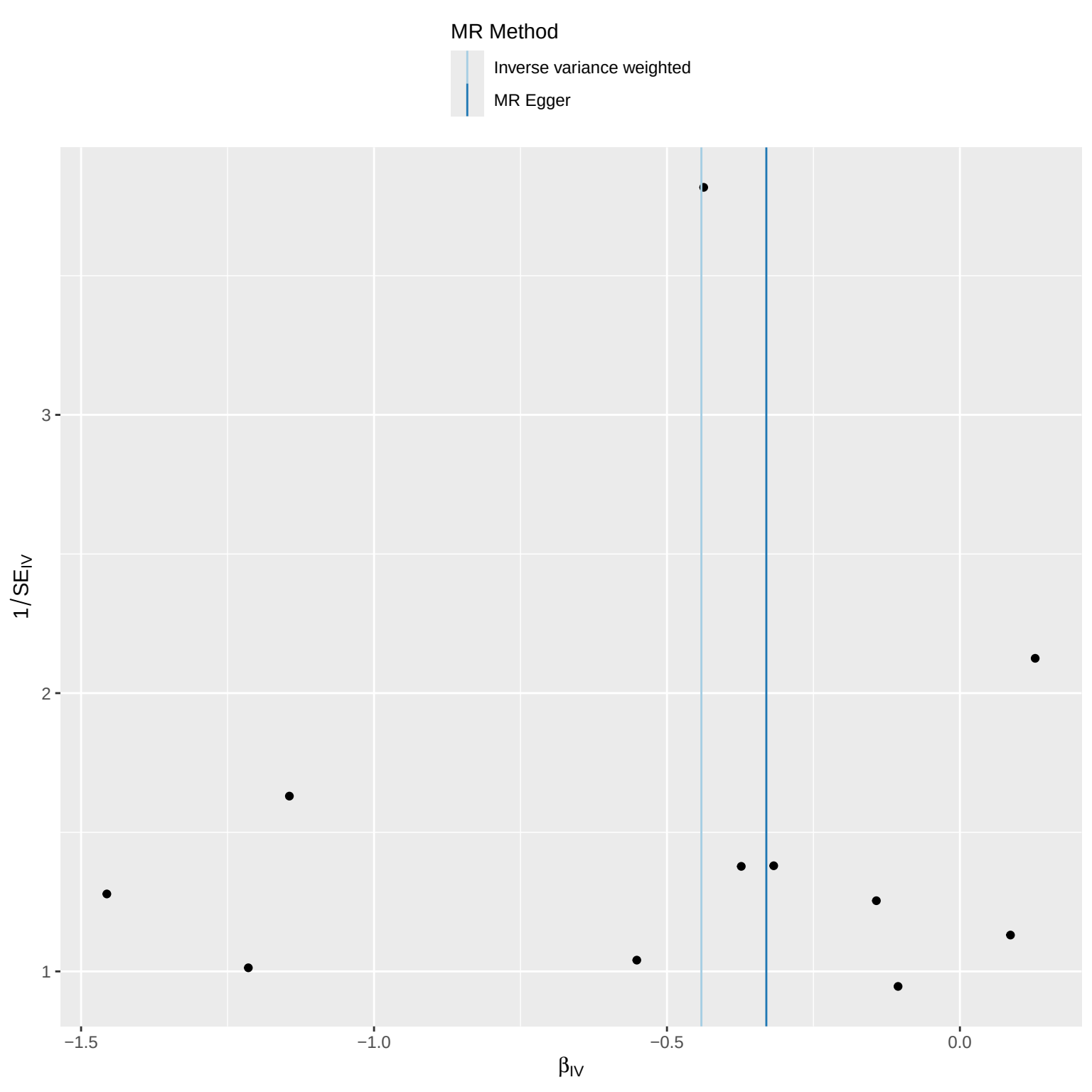

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

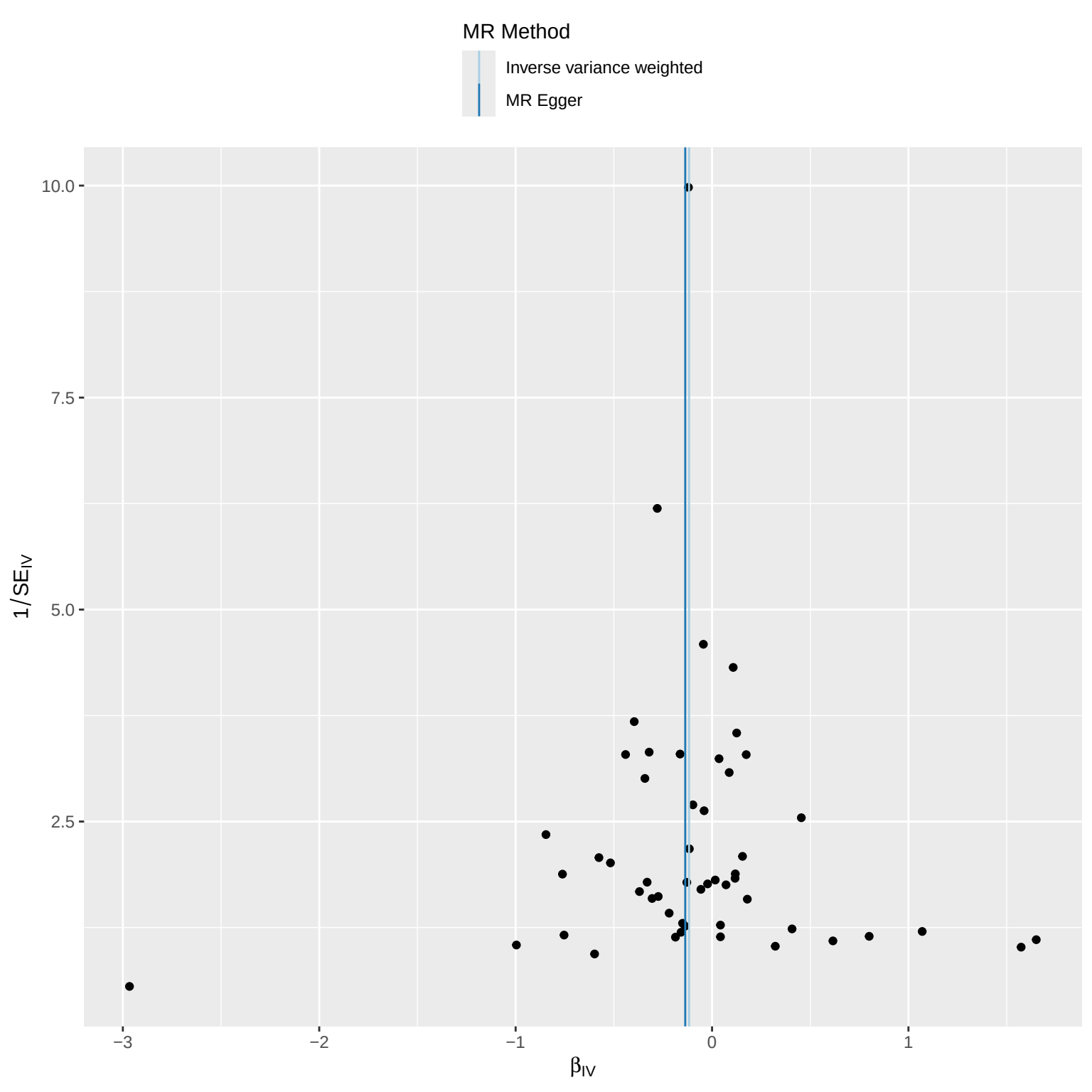

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

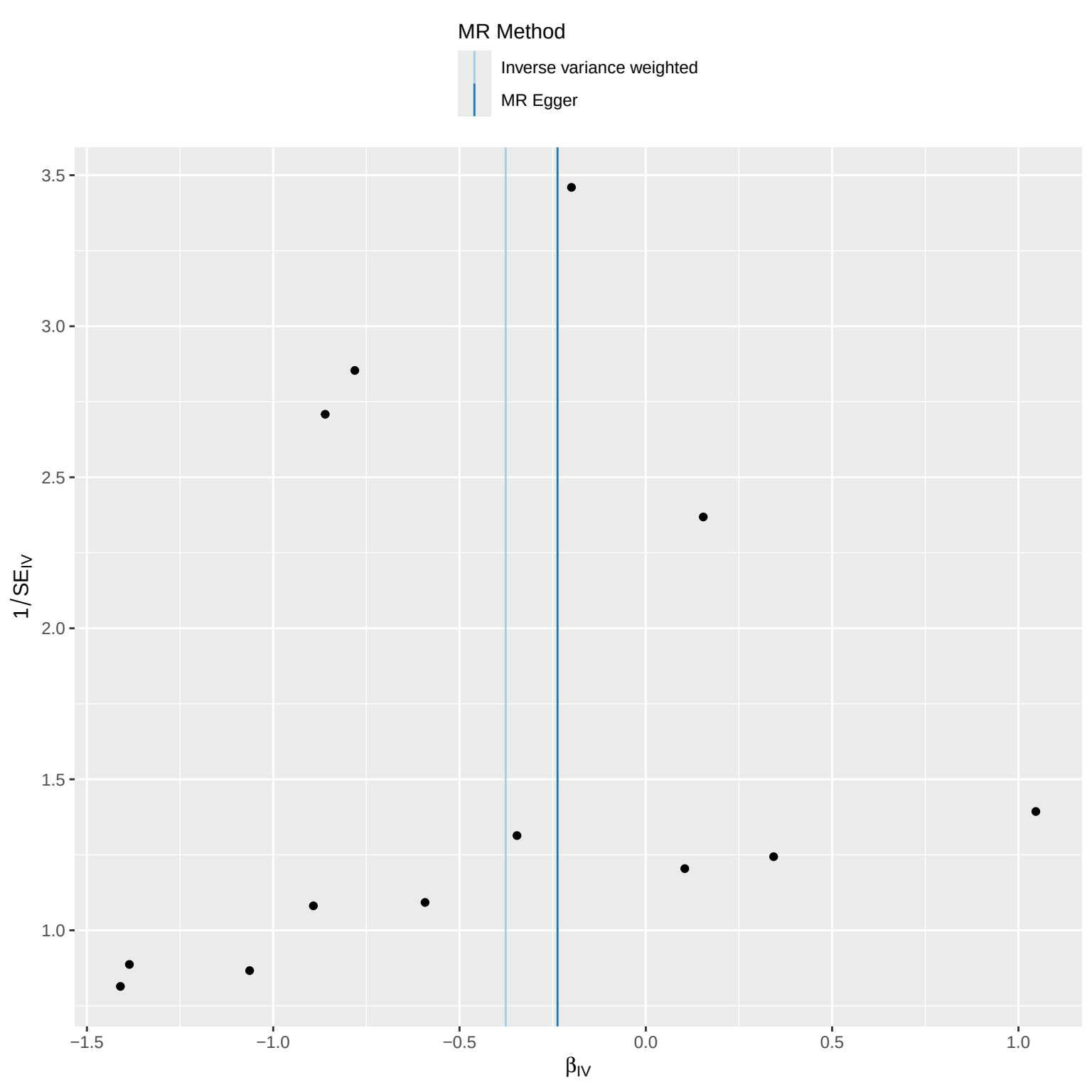

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

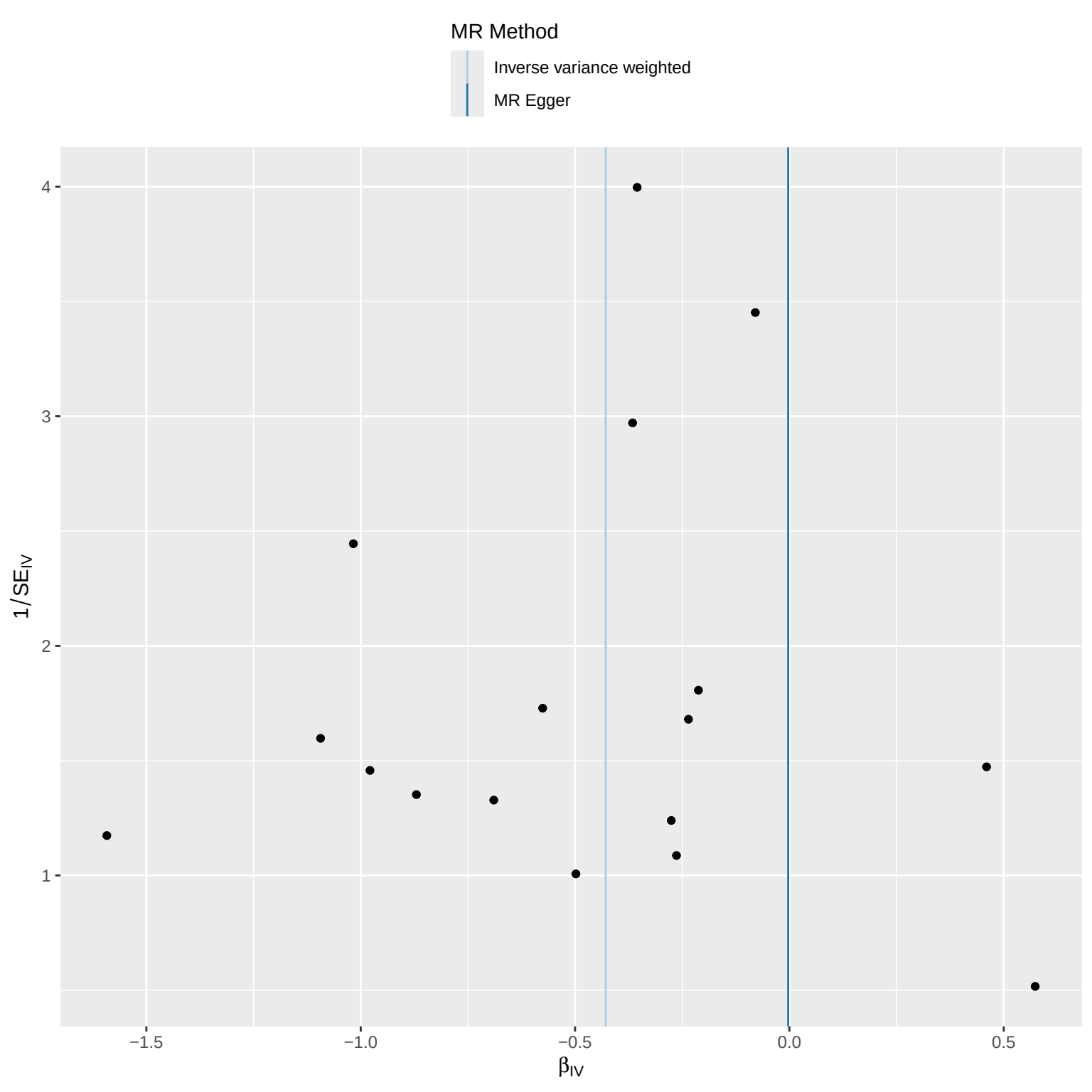

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

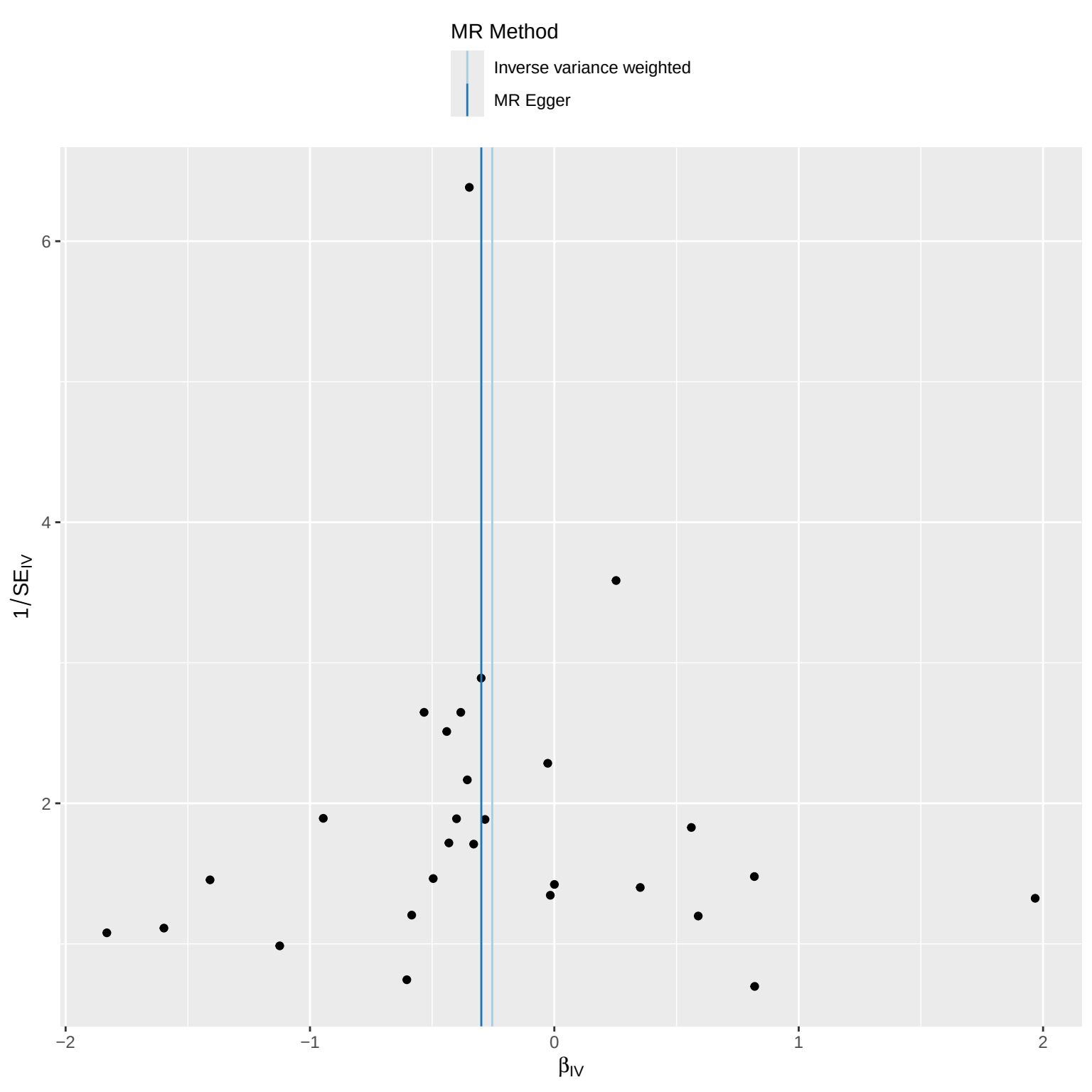

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

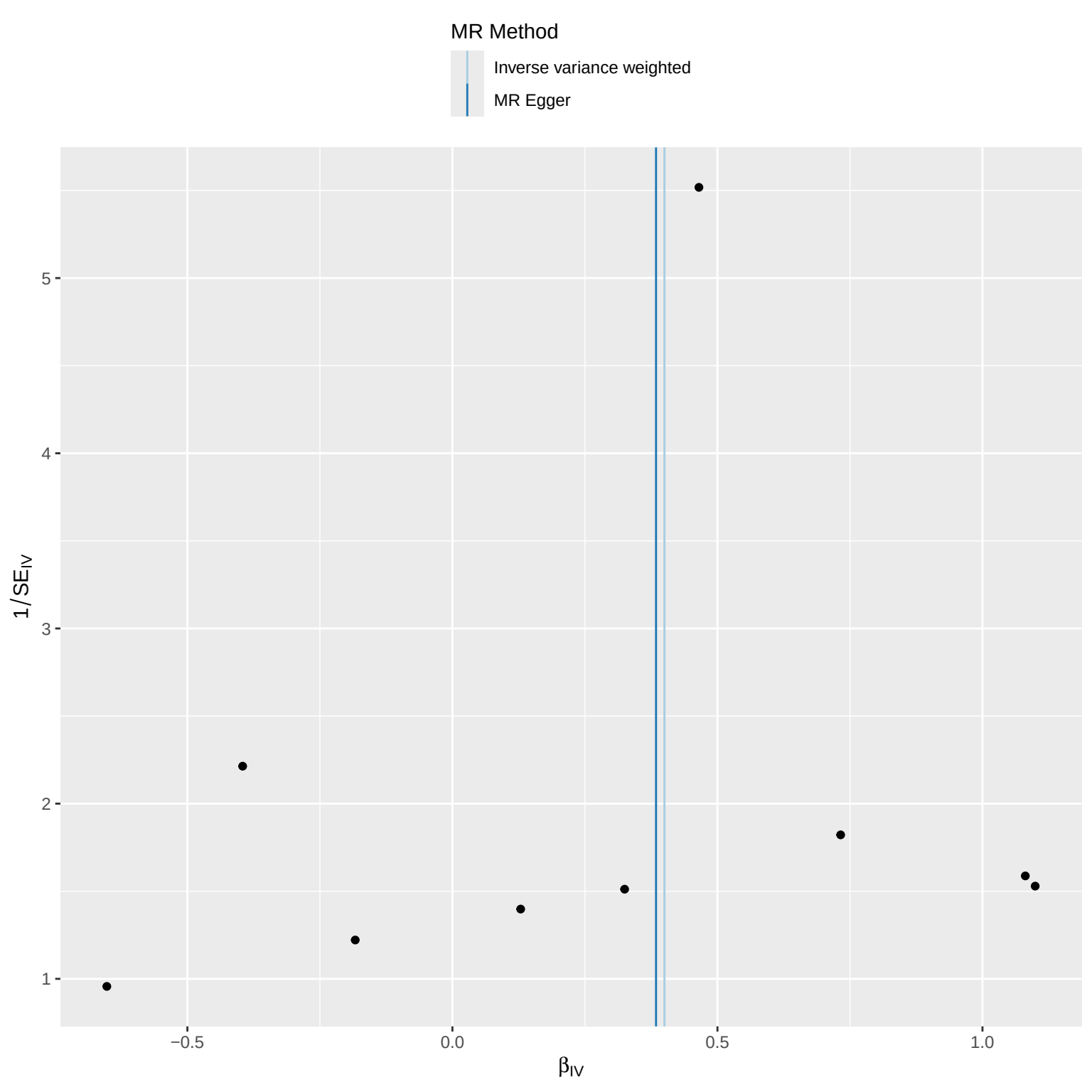

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

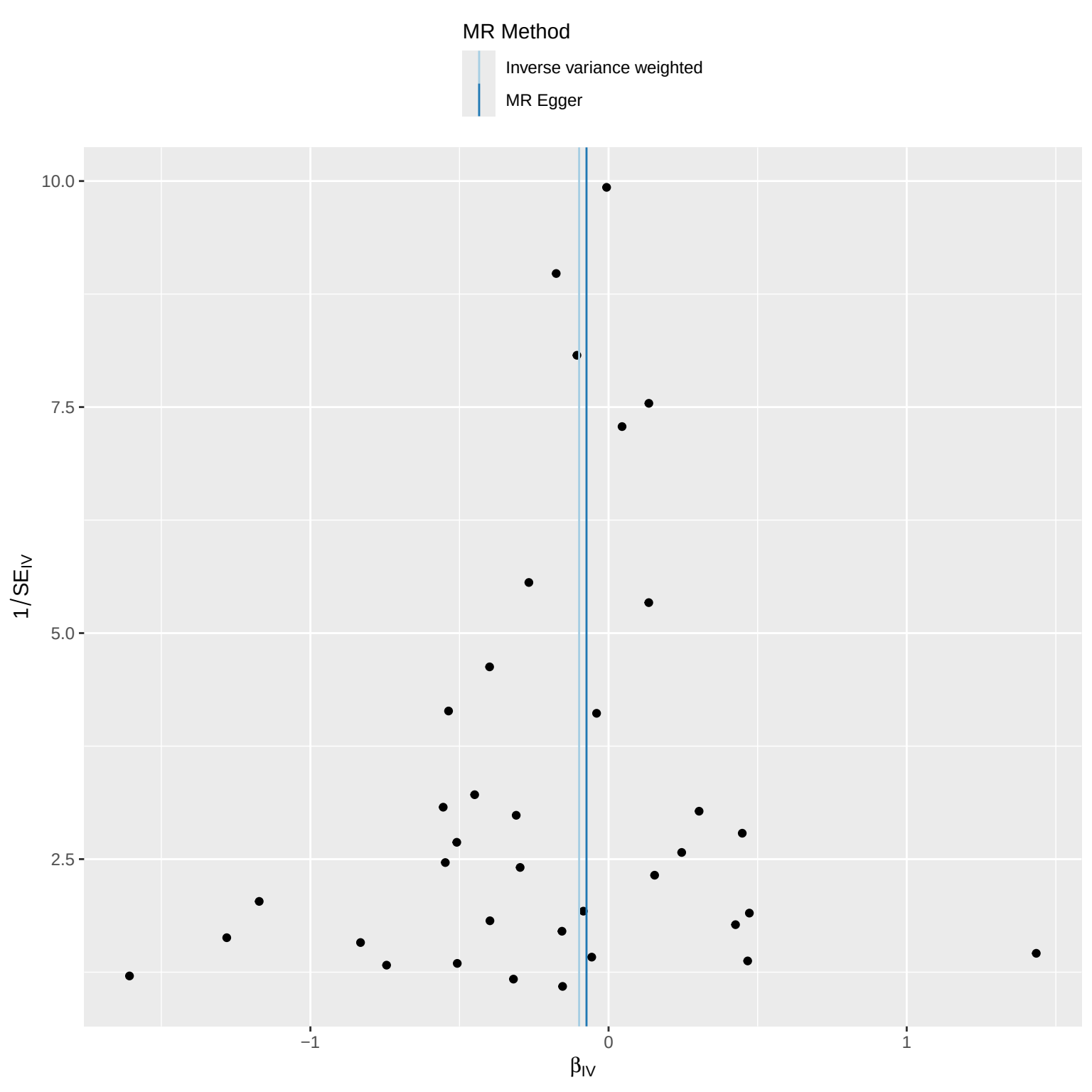

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−3
−2
−1
0
1
β_IV

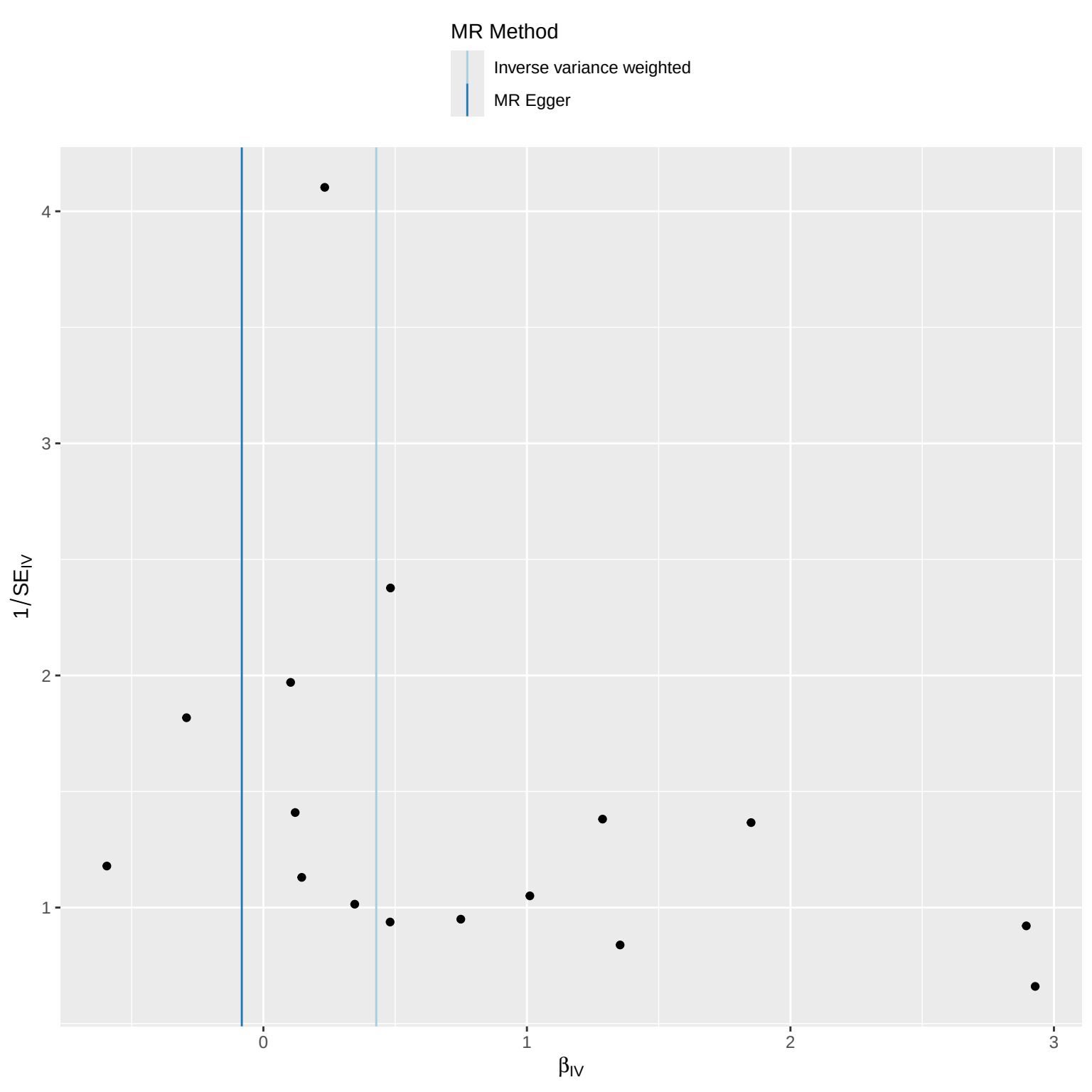

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

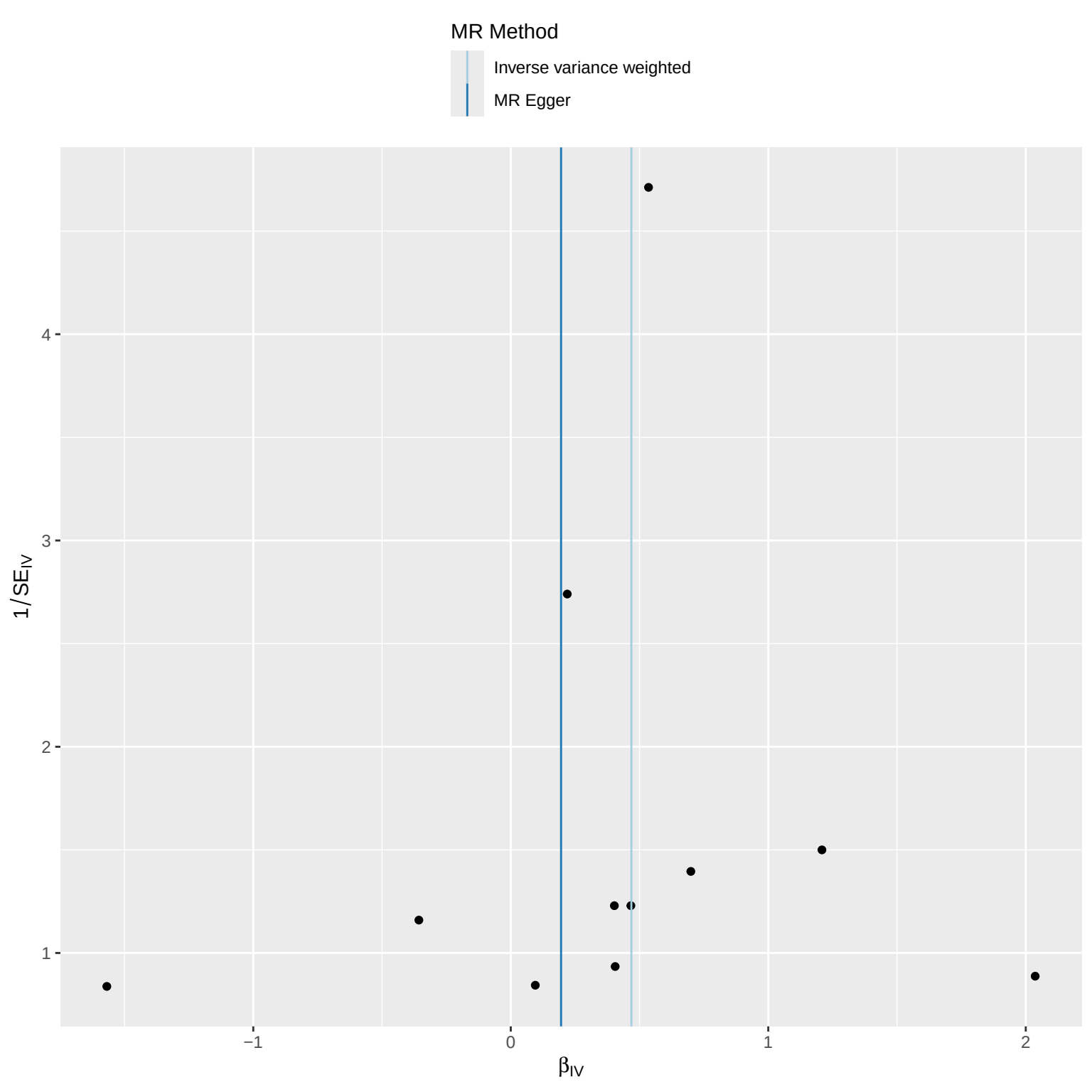

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

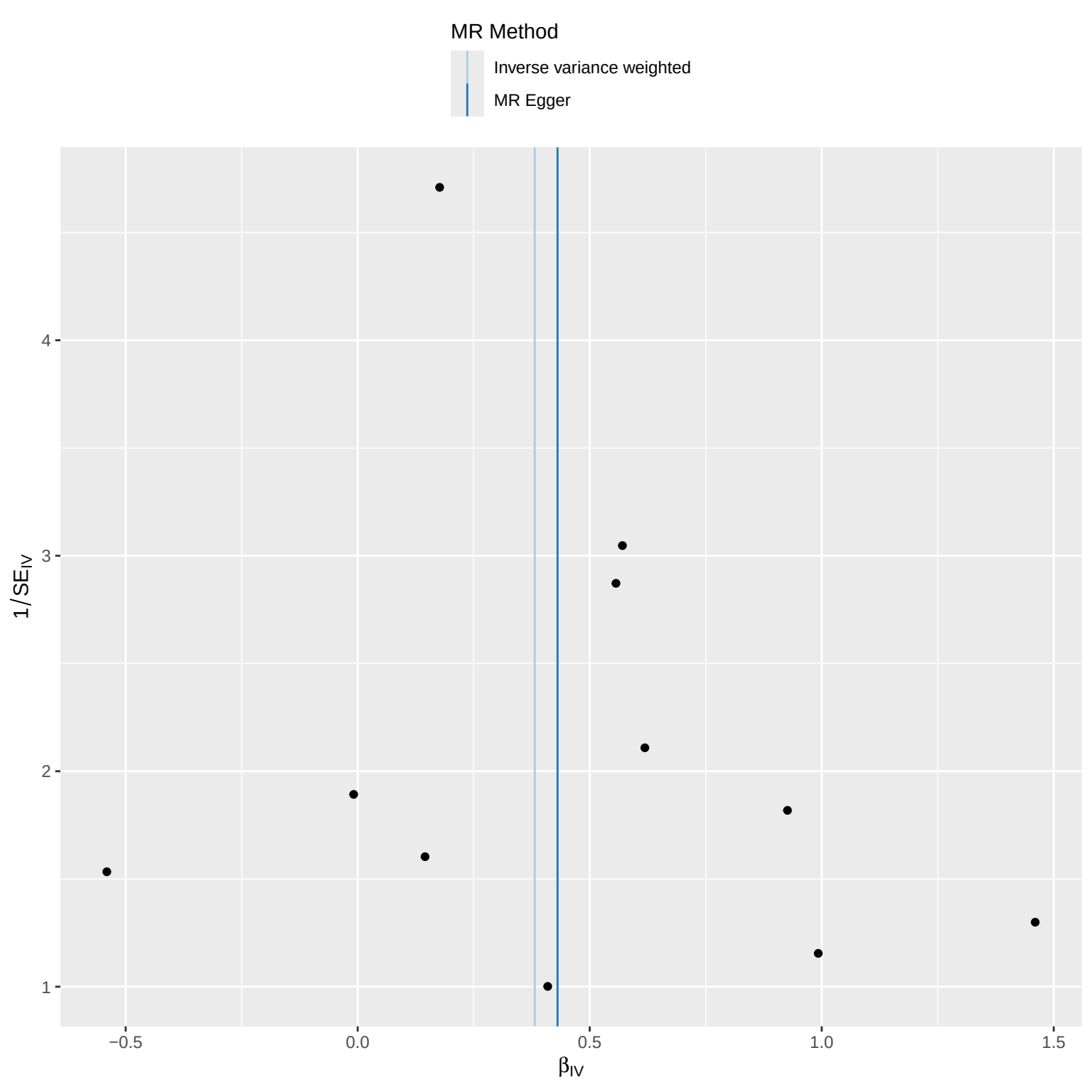

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

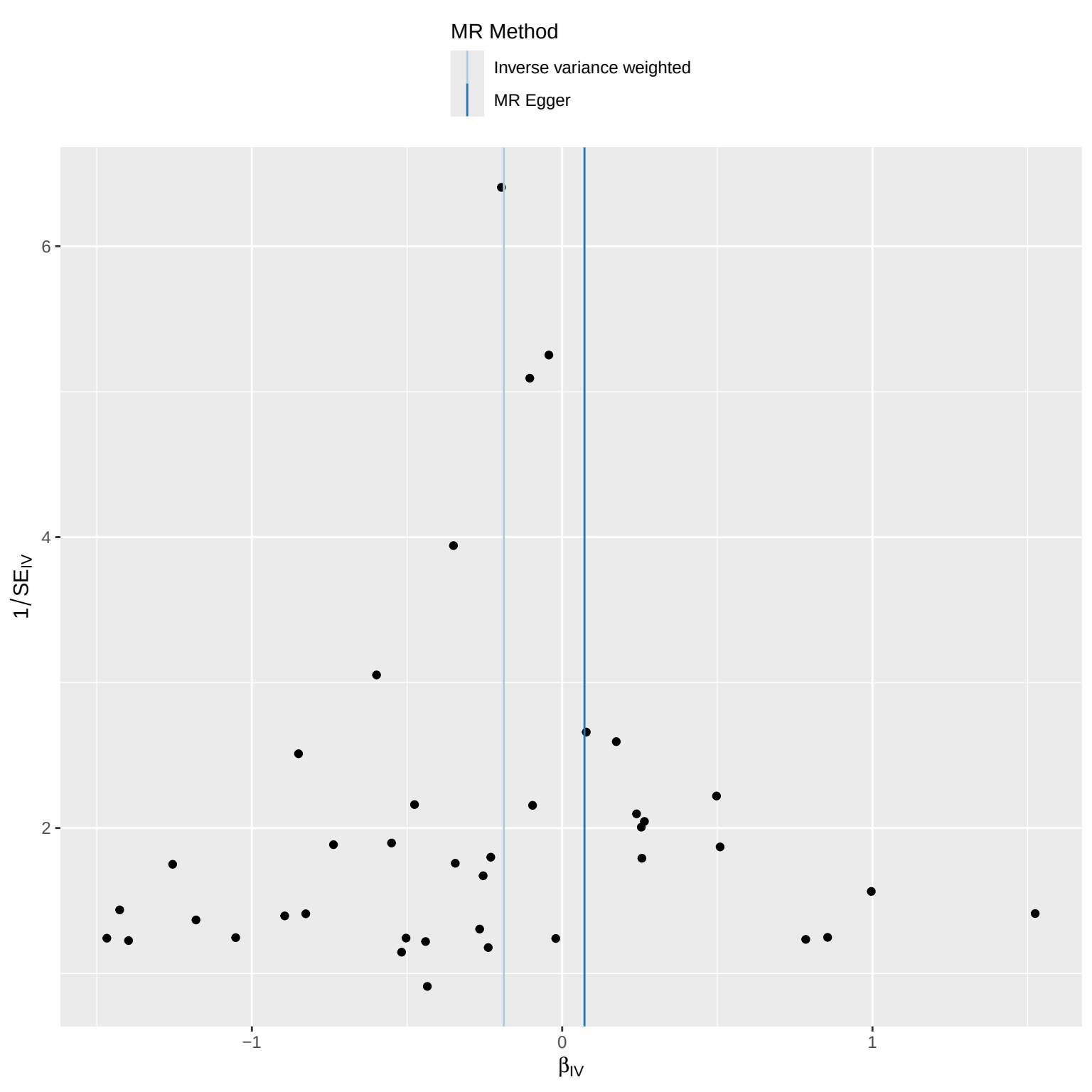

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

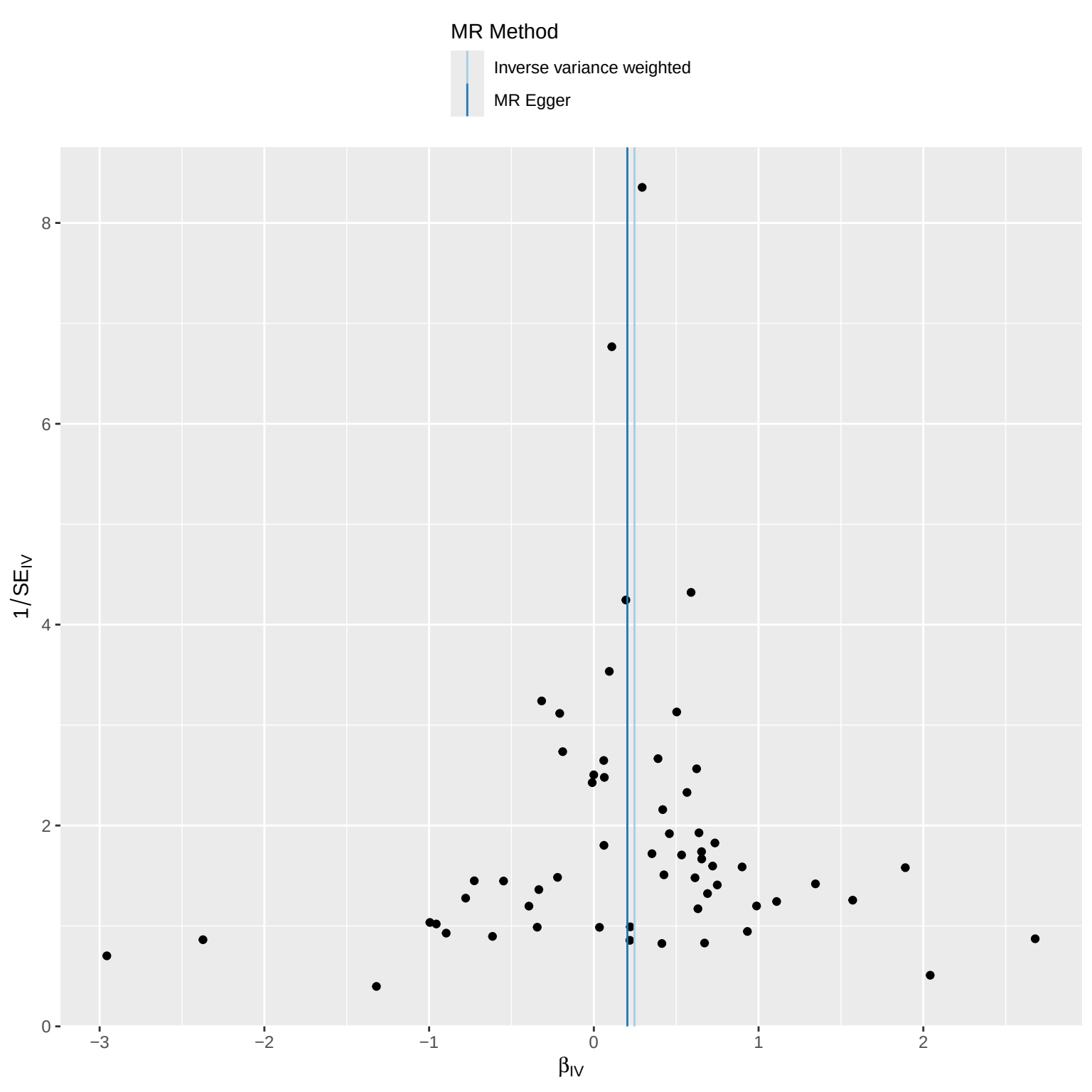

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

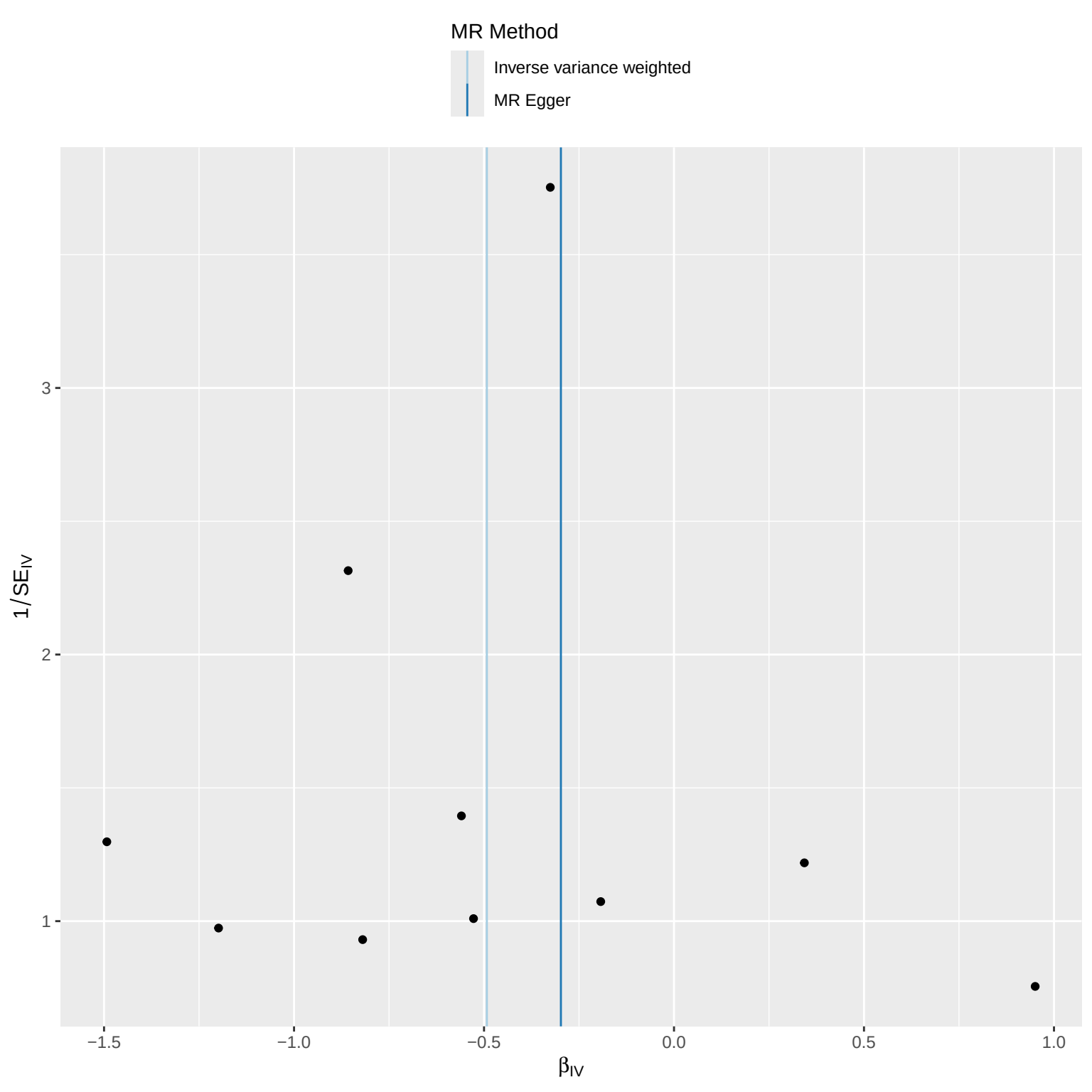

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

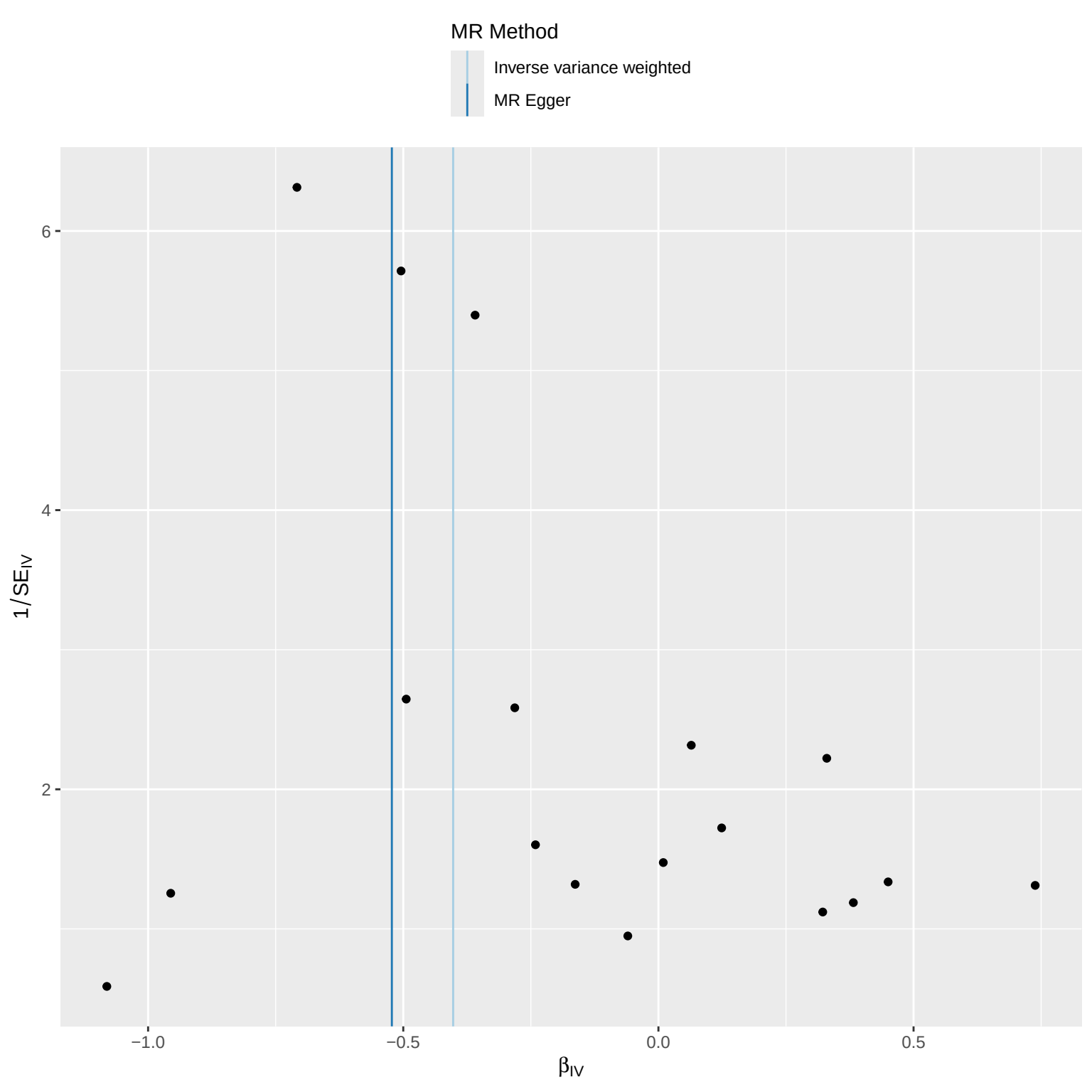

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−1
0
1
2

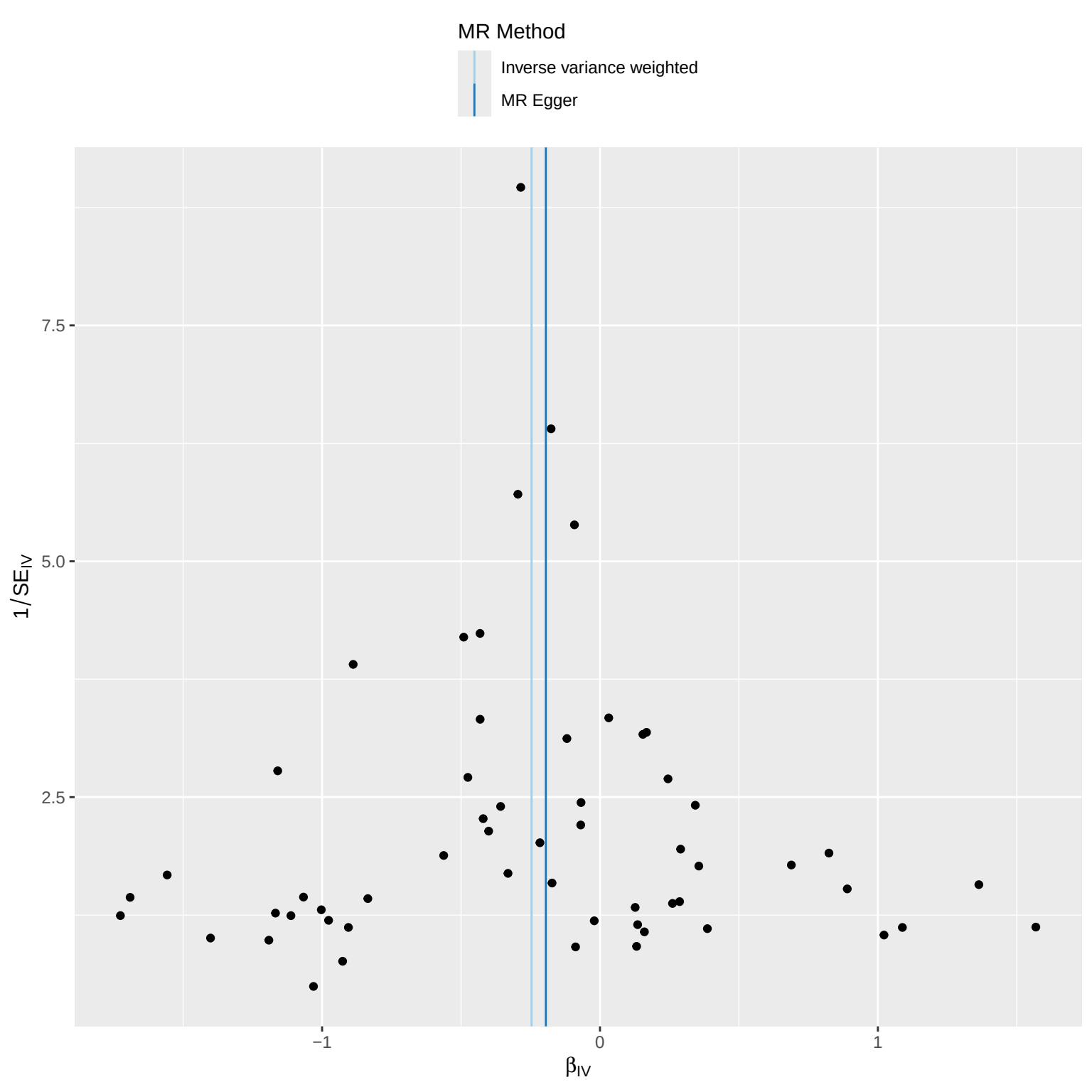

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
−0.5
0.0
0.5
1.0
1.5
β_IV

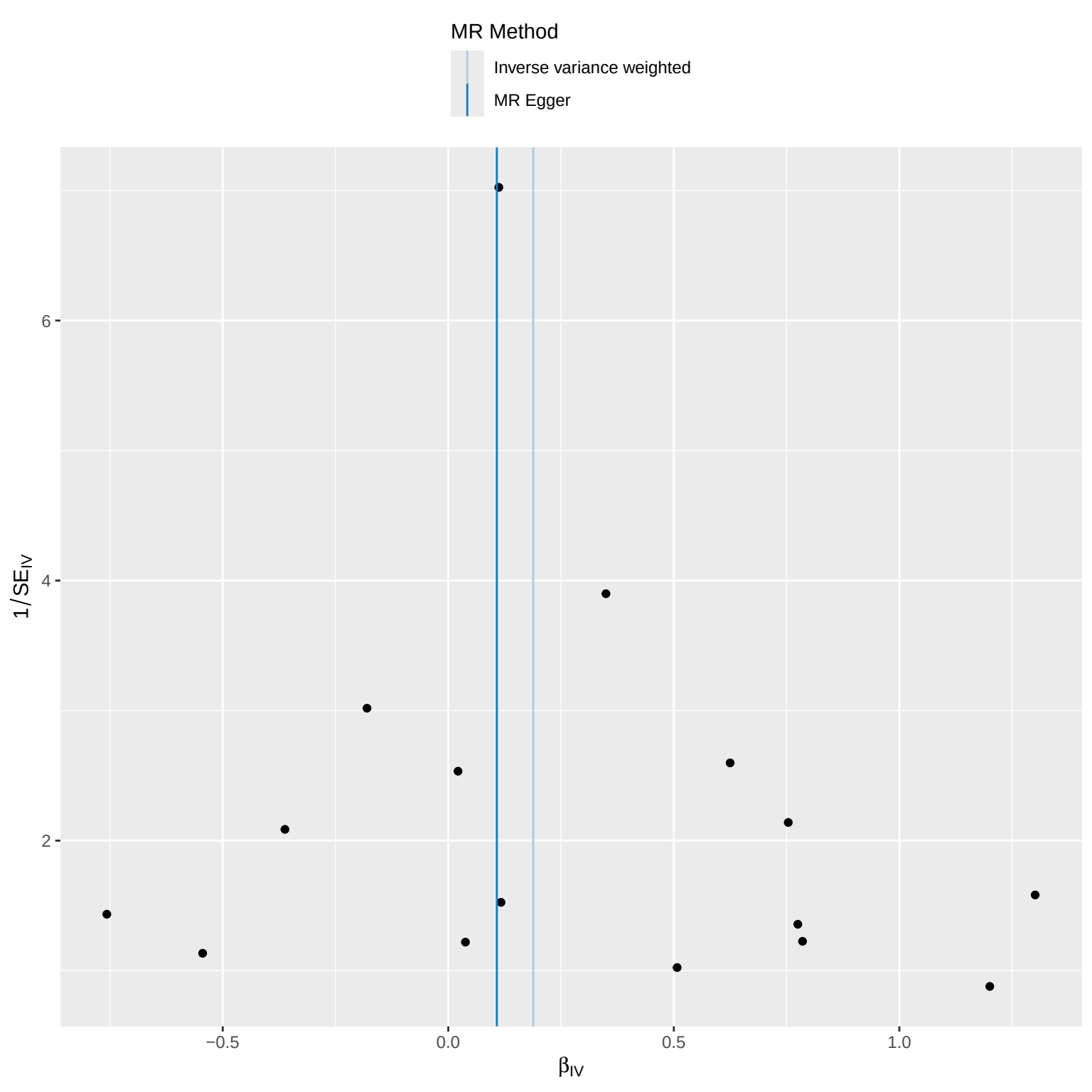

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

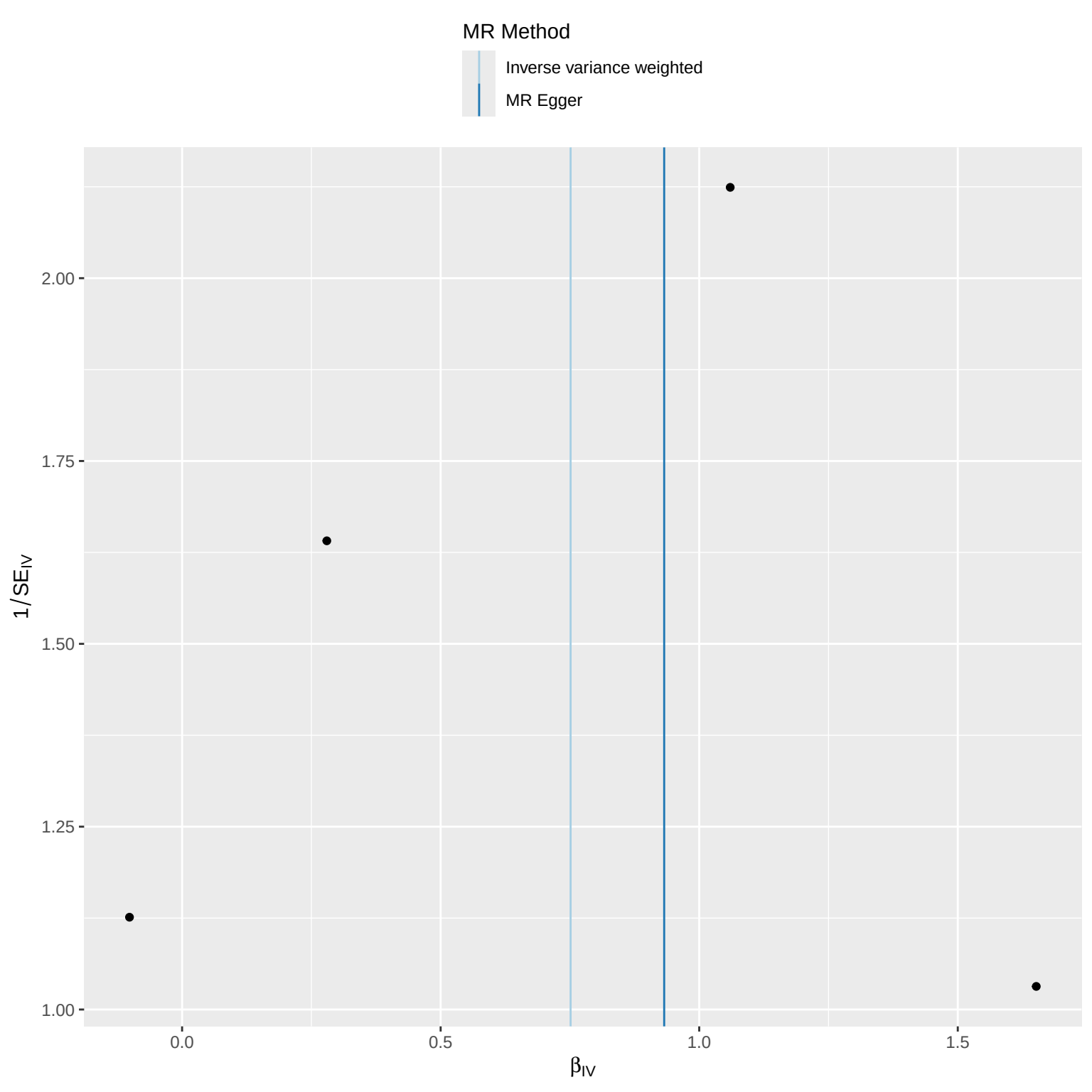

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−3
−2
−1
0
1
2
β_IV

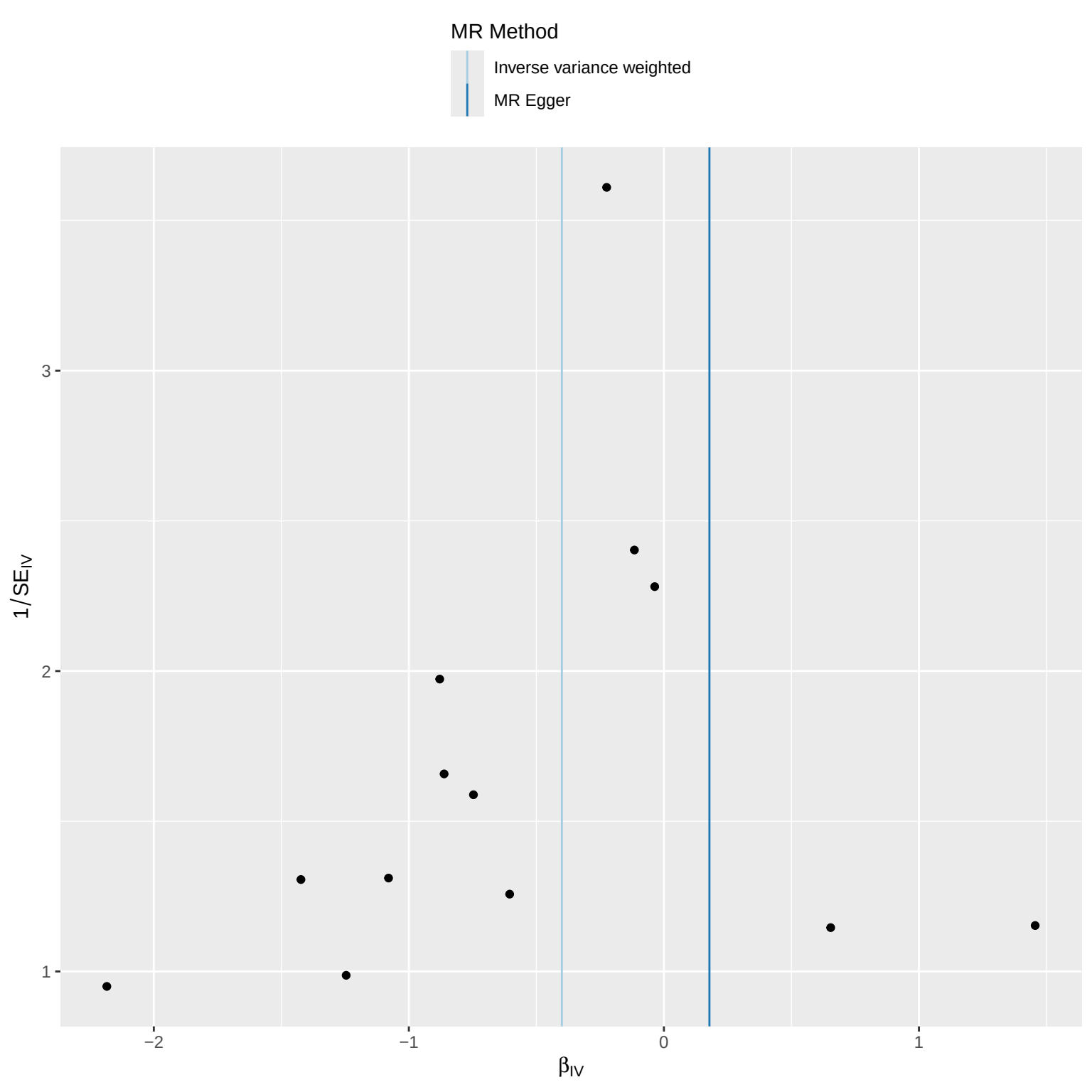

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

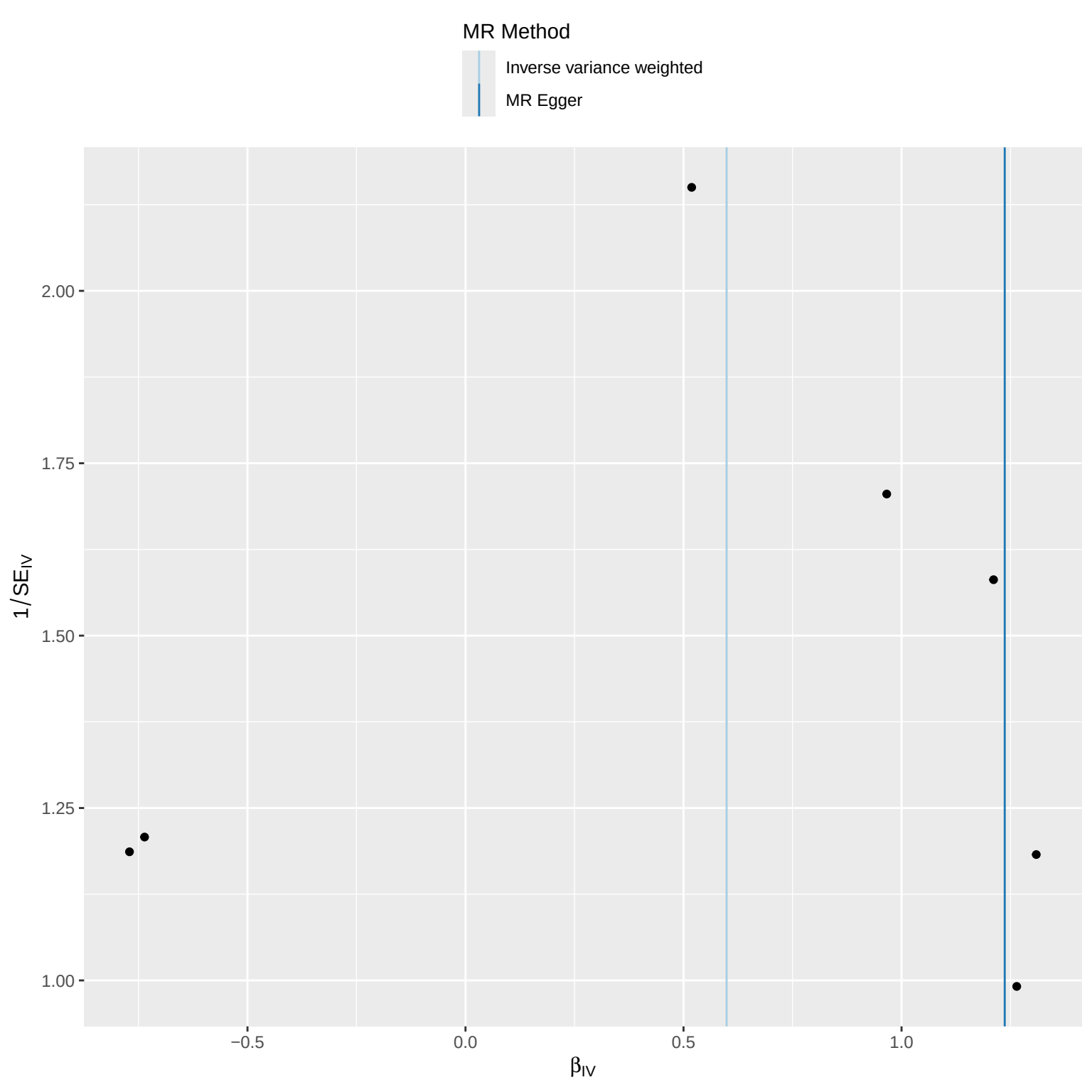

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

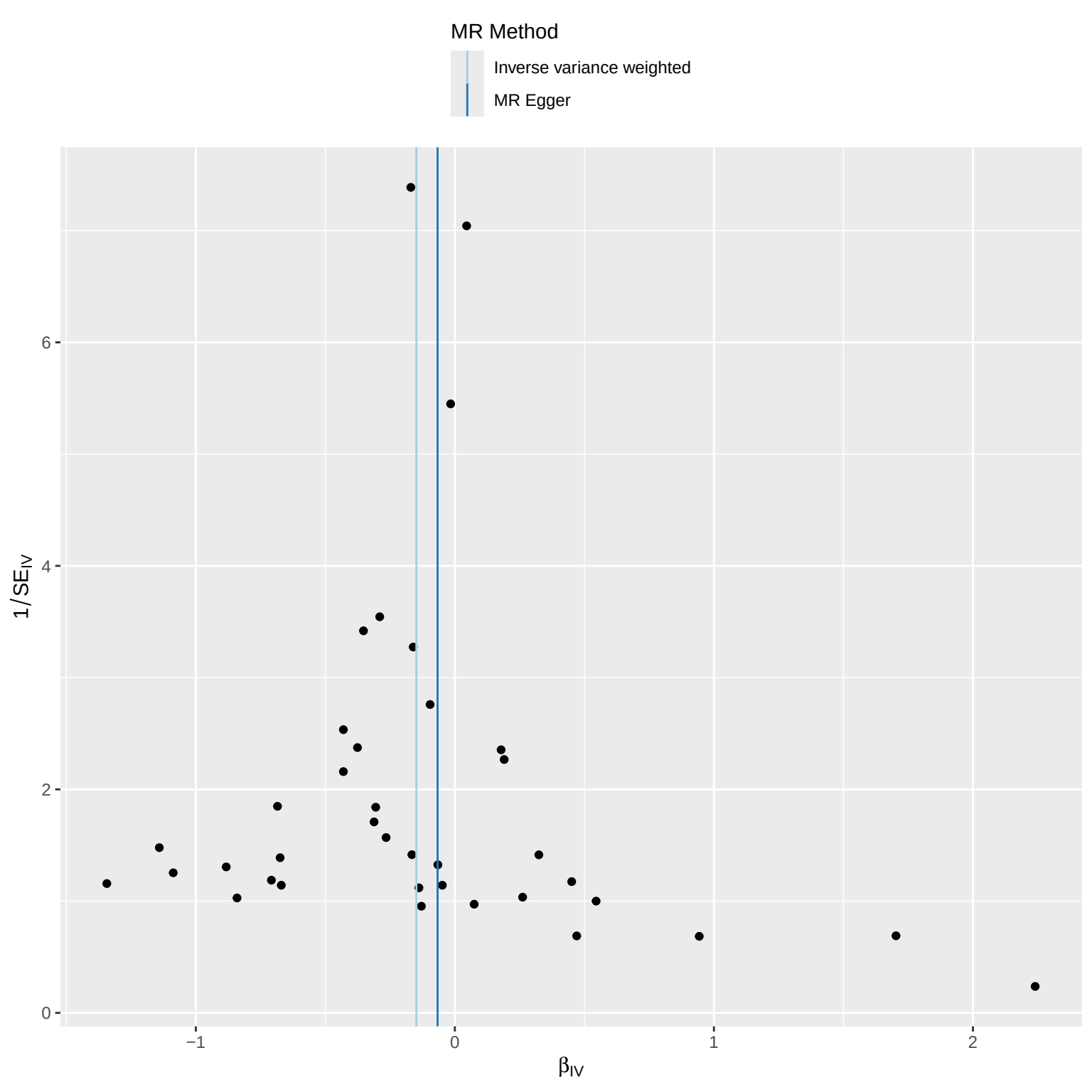

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

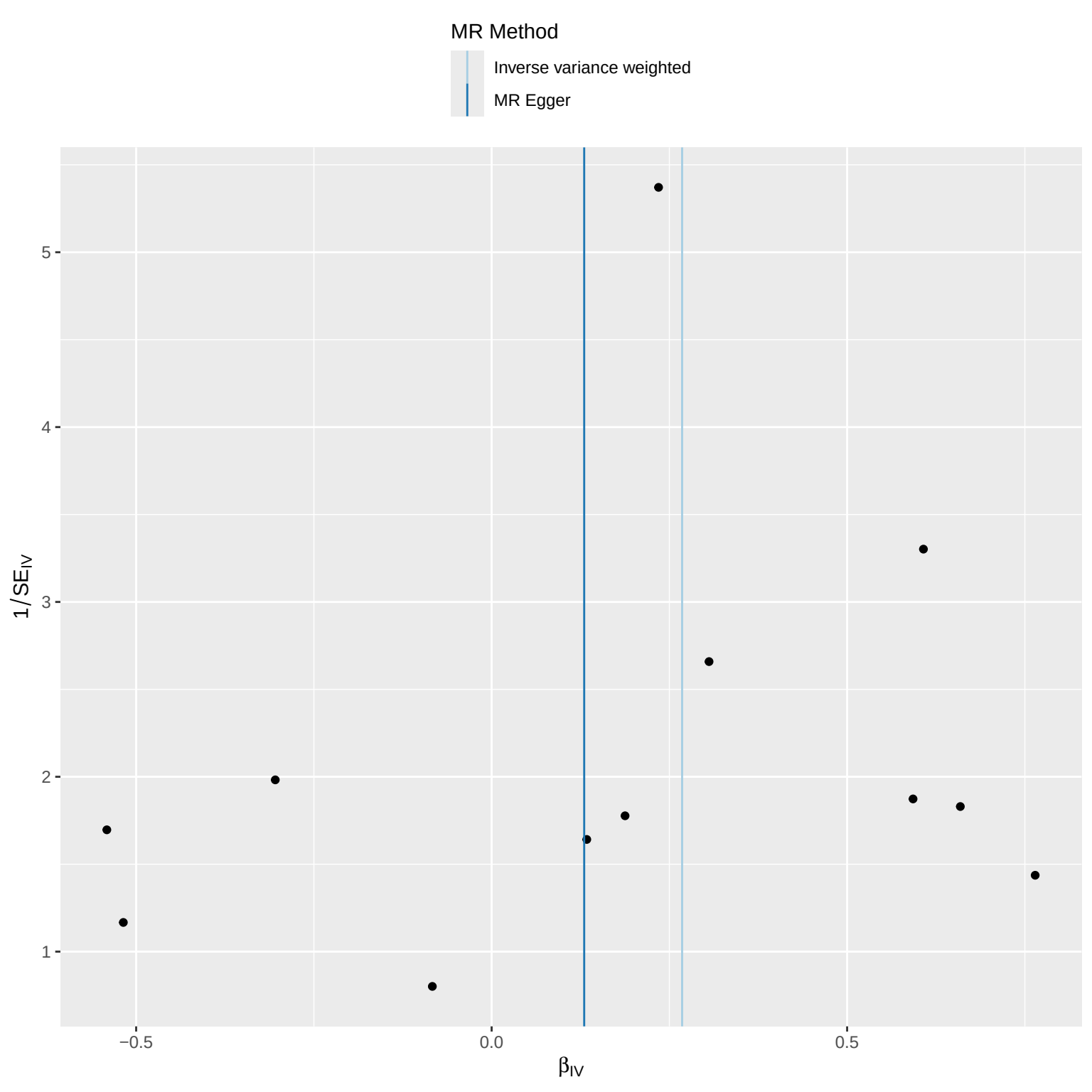

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

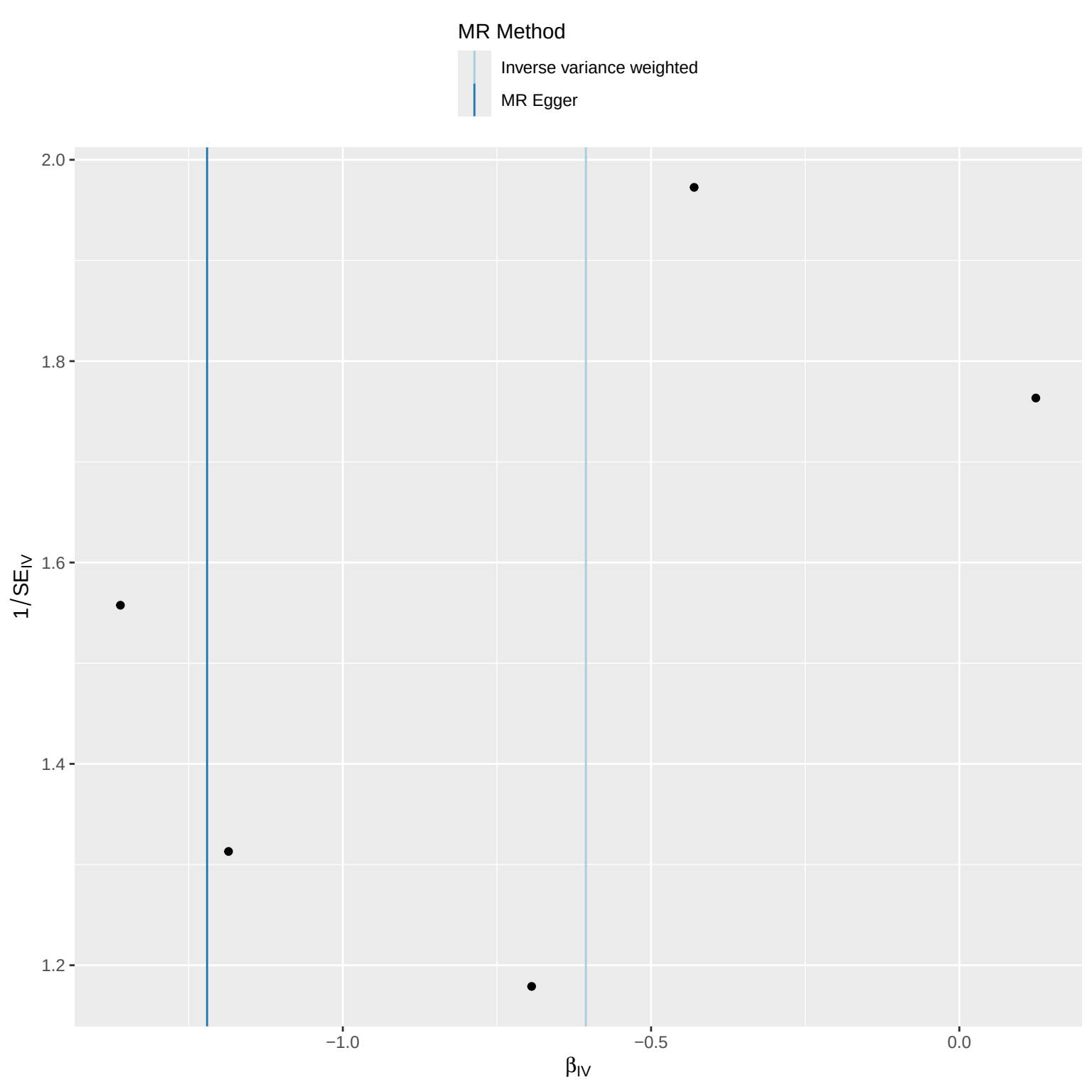

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

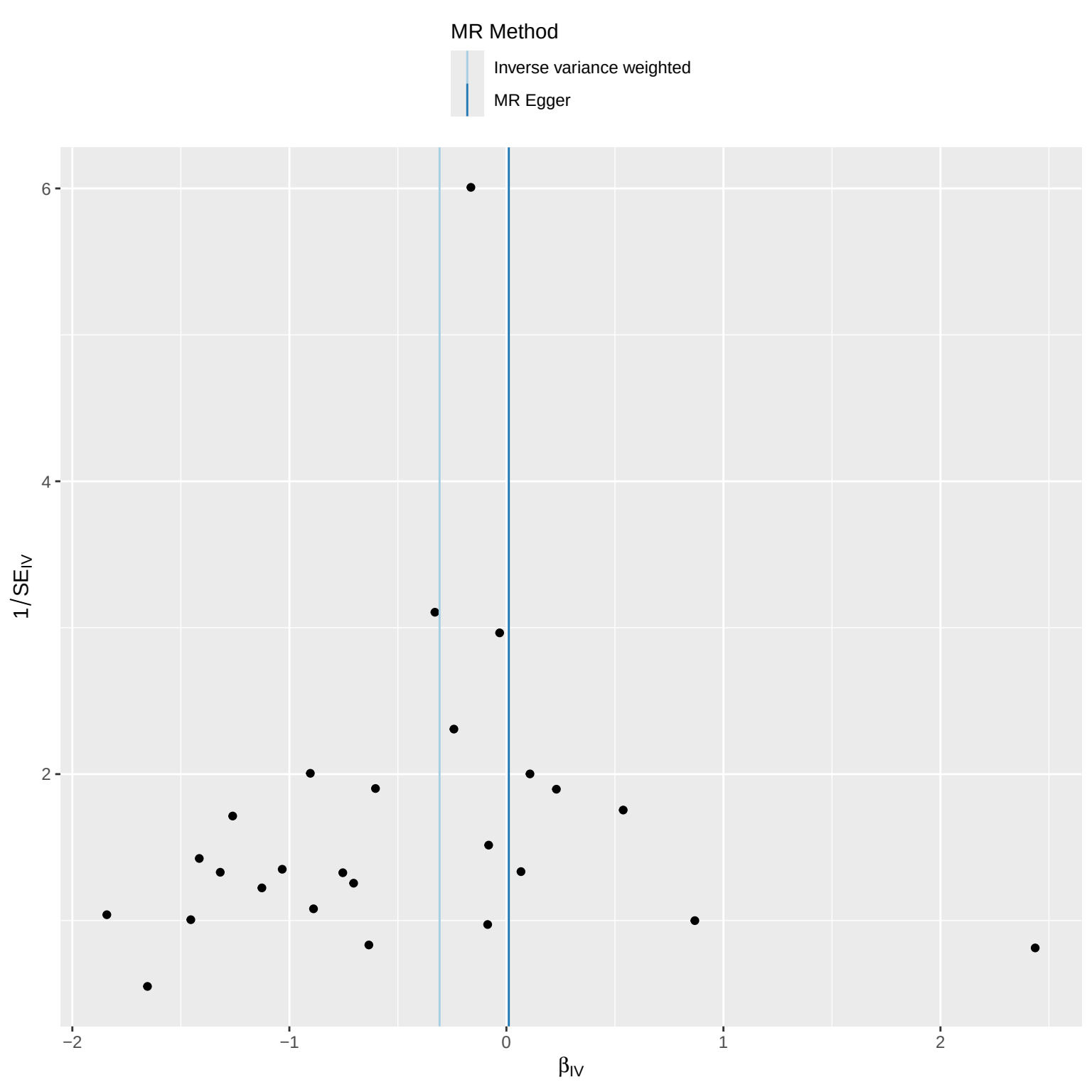

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

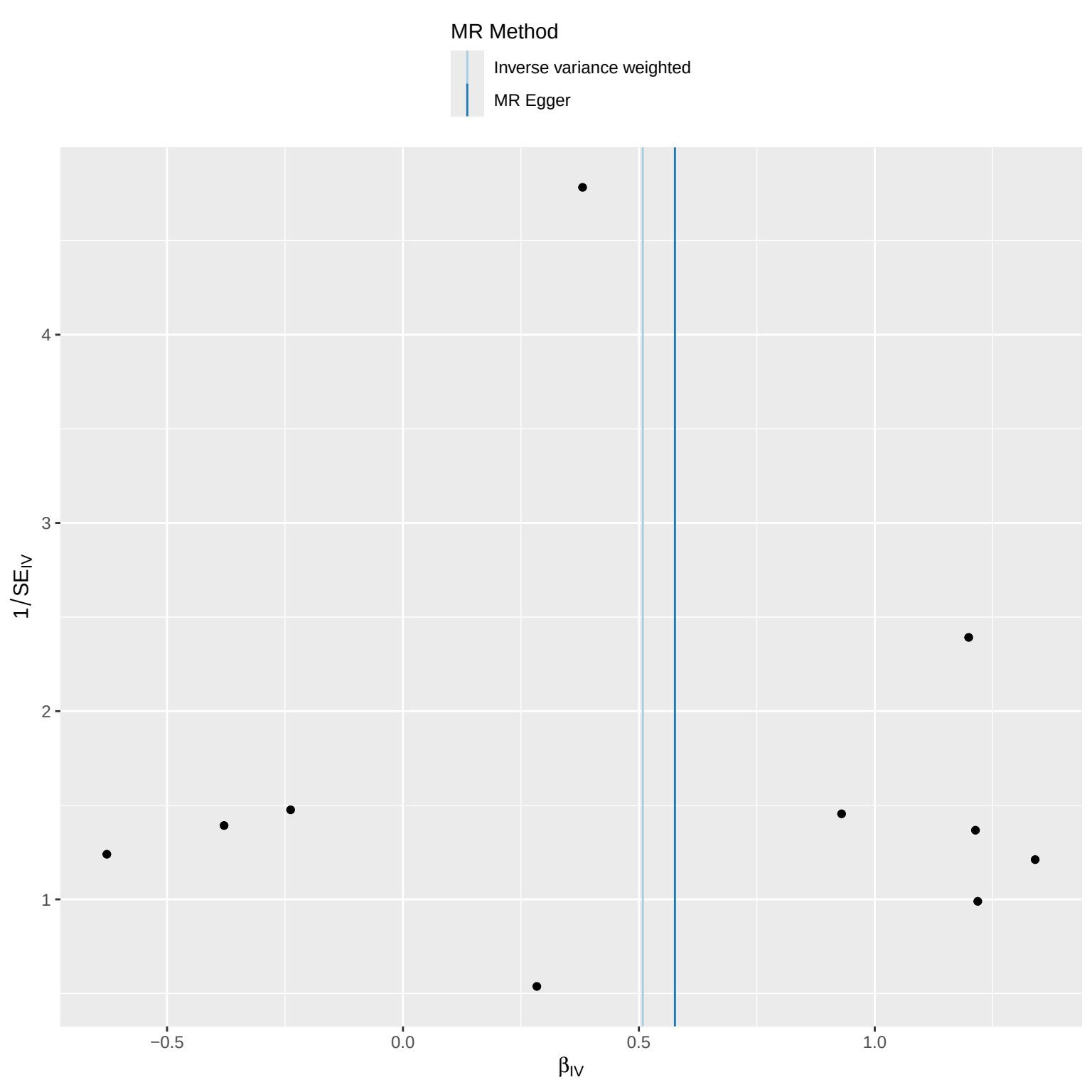

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

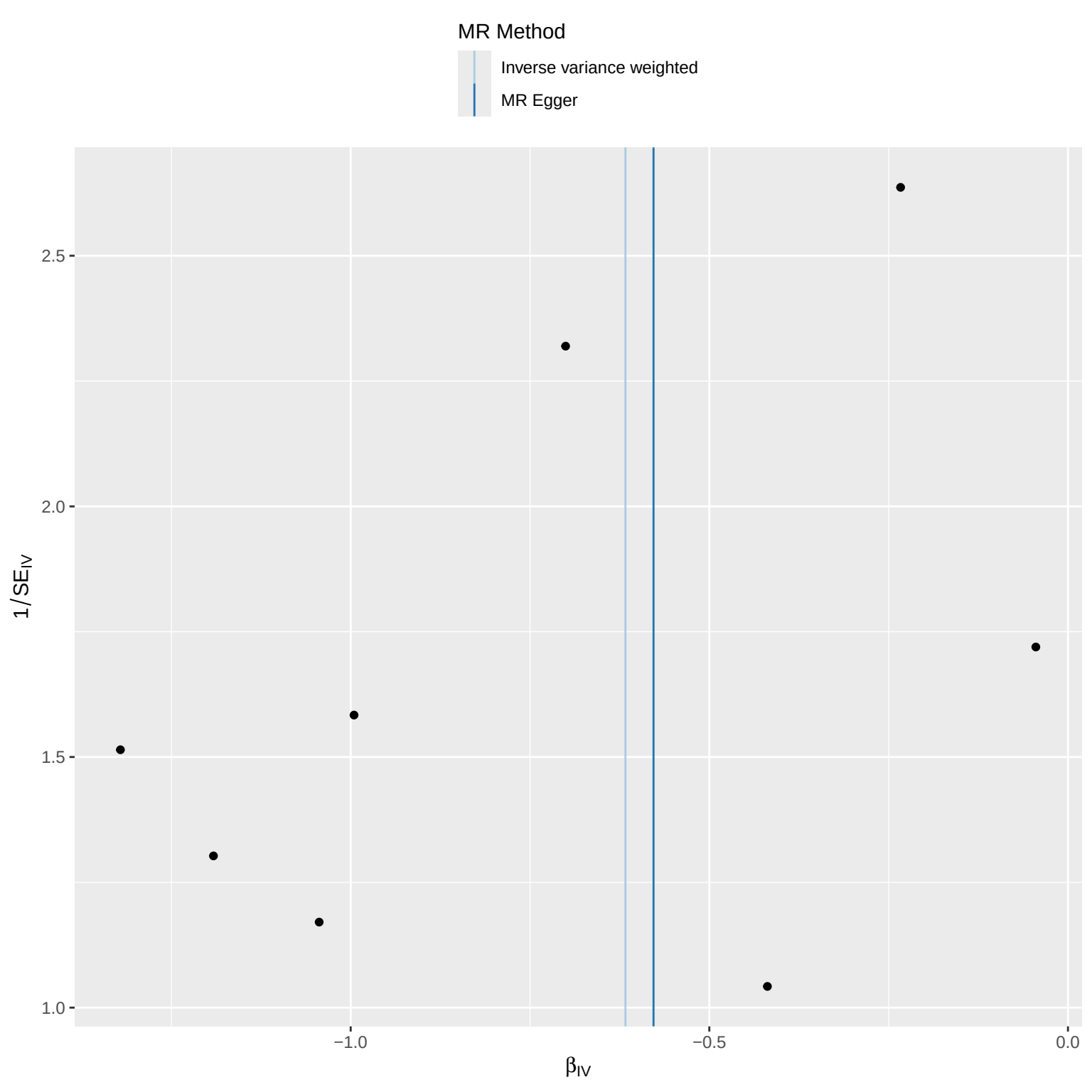

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
6
4
2
0
−1
0
1
2
β_IV

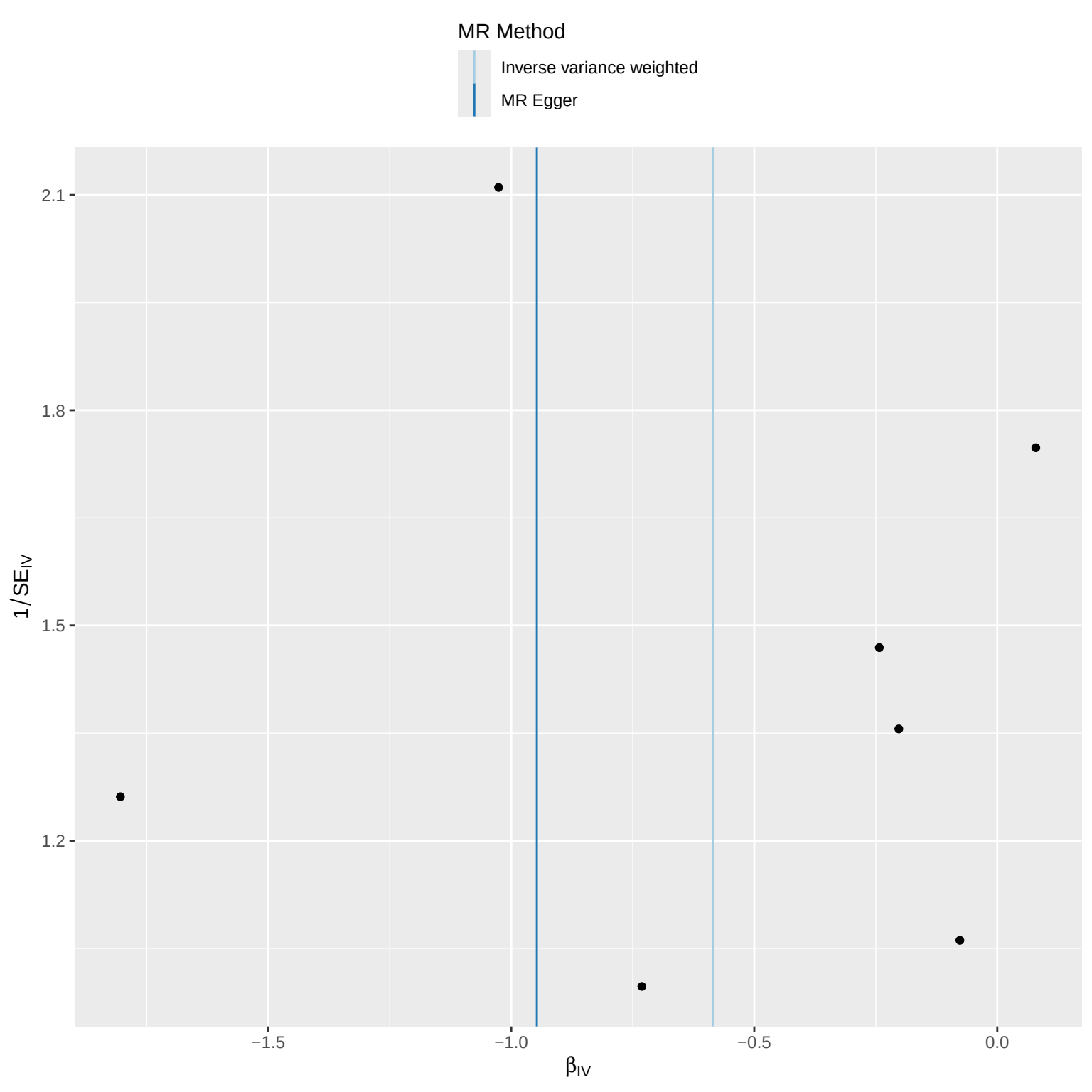

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
β_IV

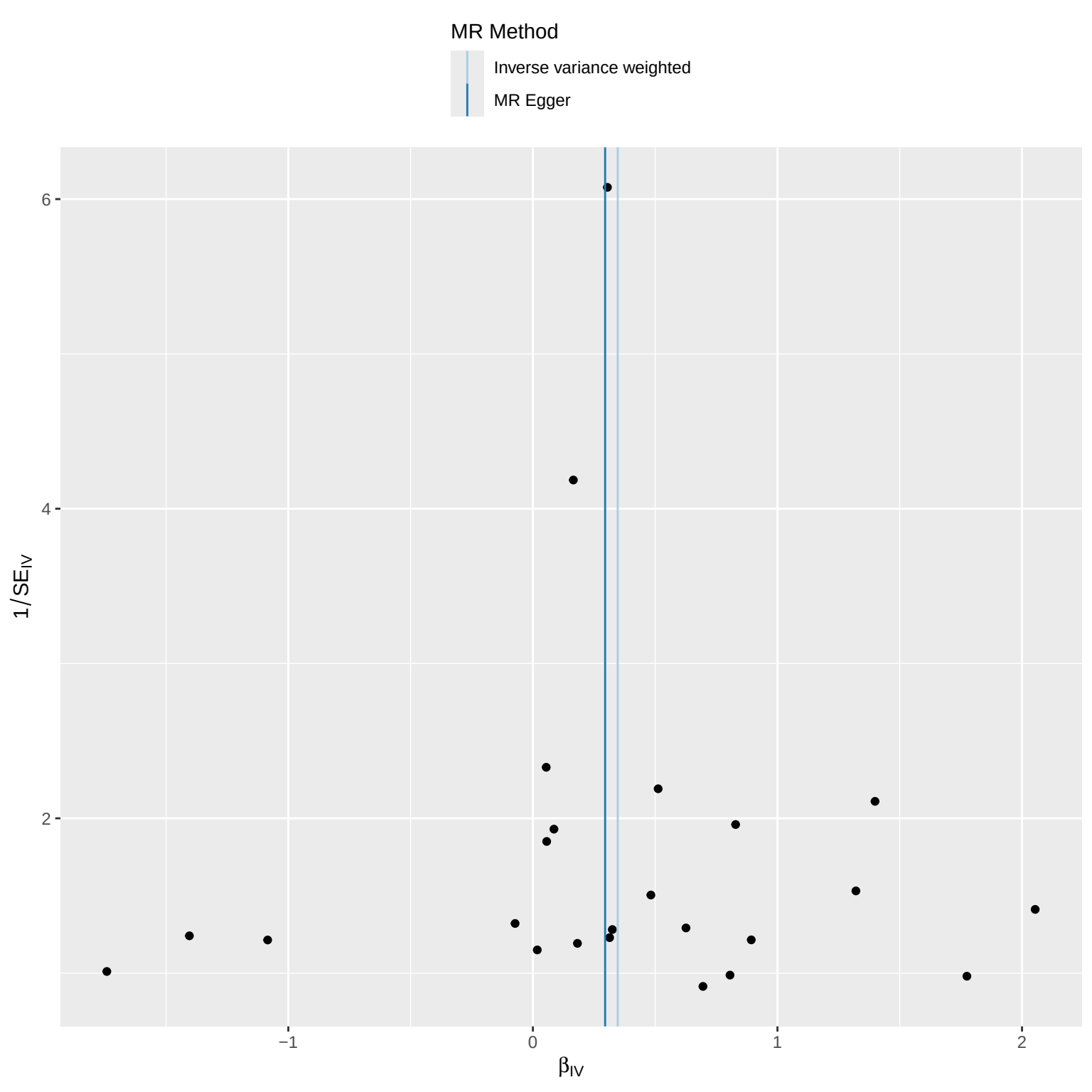

MR Method
Inverse variance weighted
MR Egger
2.0
1.8
1.6
1.4
1.2
1/SE_IV
−1.0
−0.5
0.0
β_IV

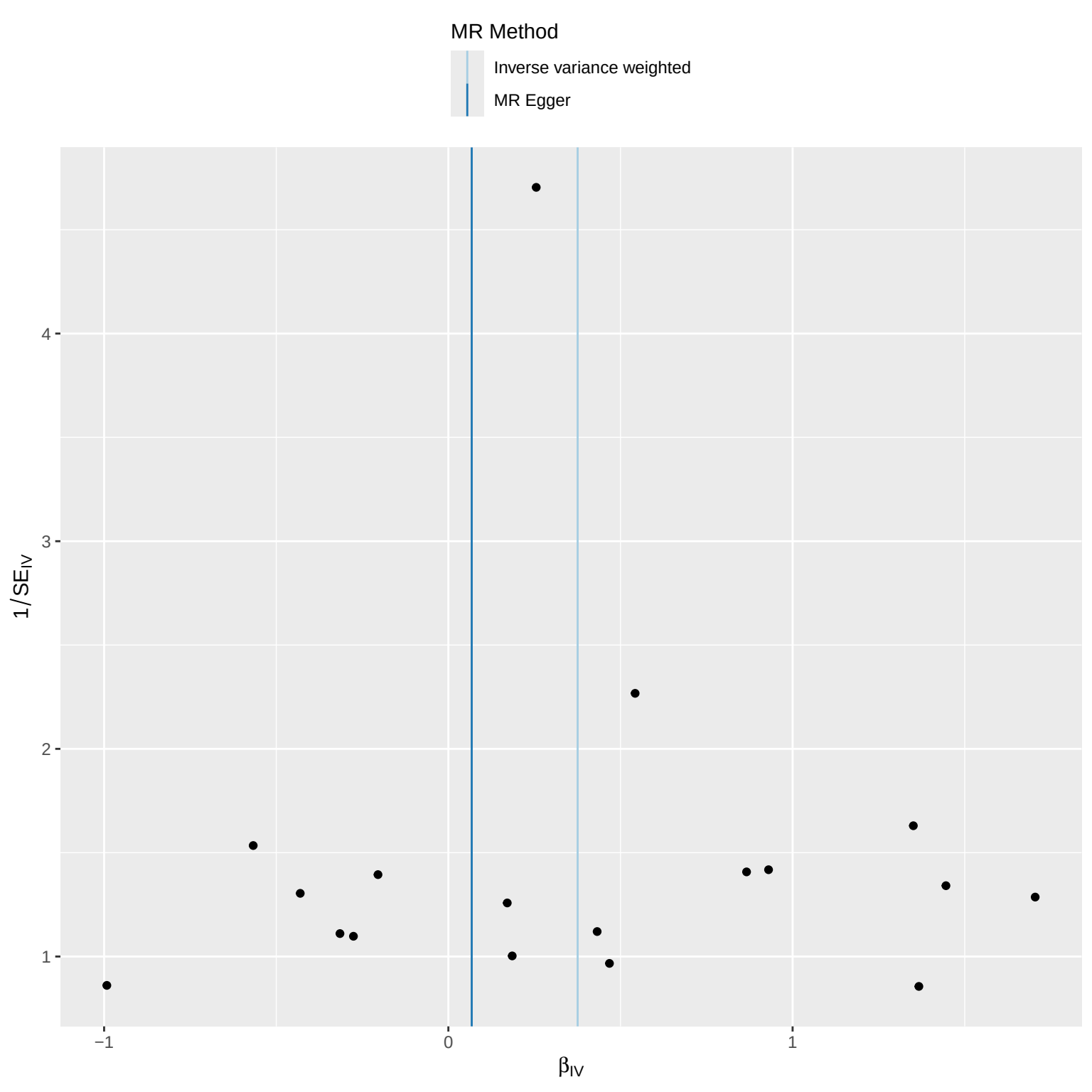

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

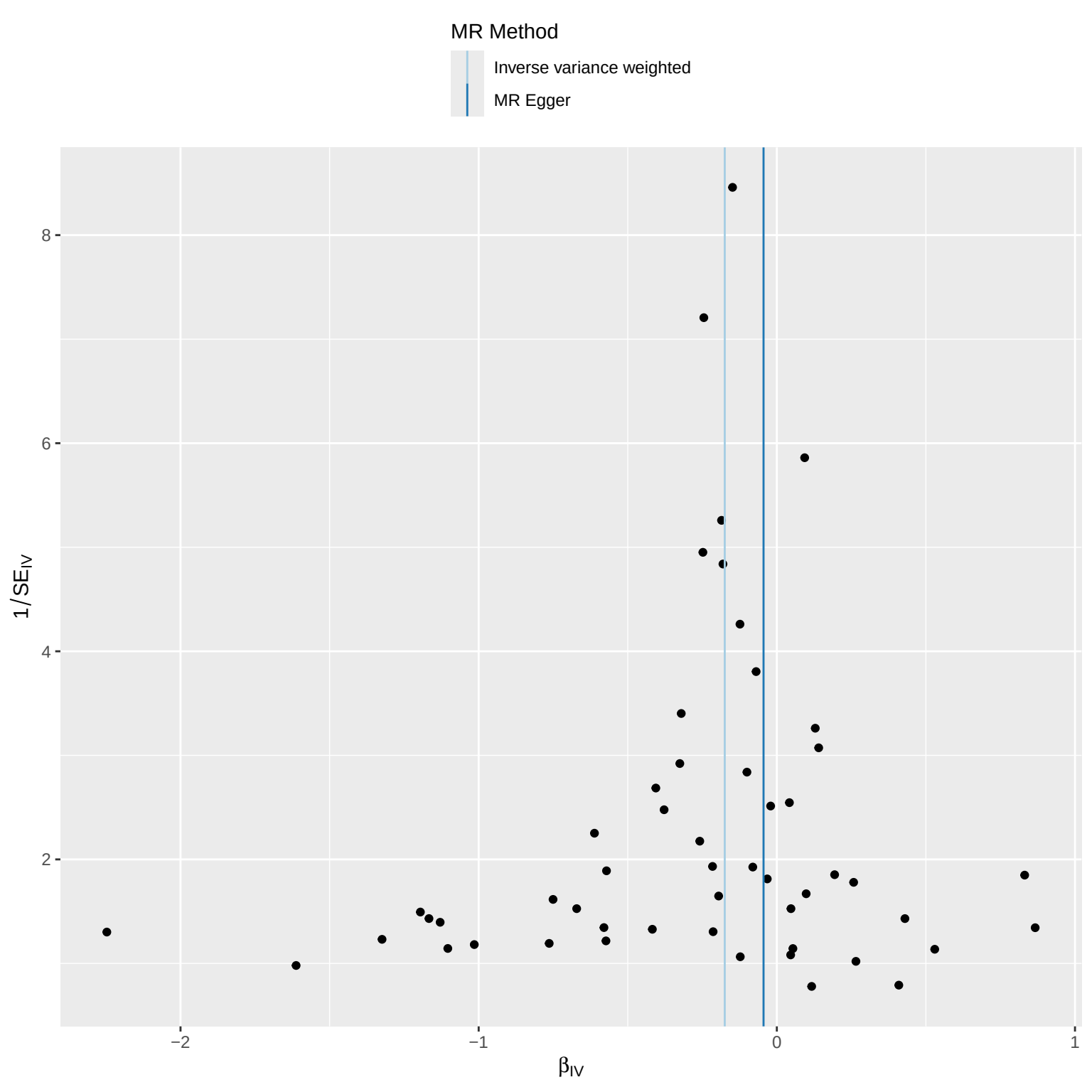

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
−0.5
0.0
0.5
1.0
β_IV

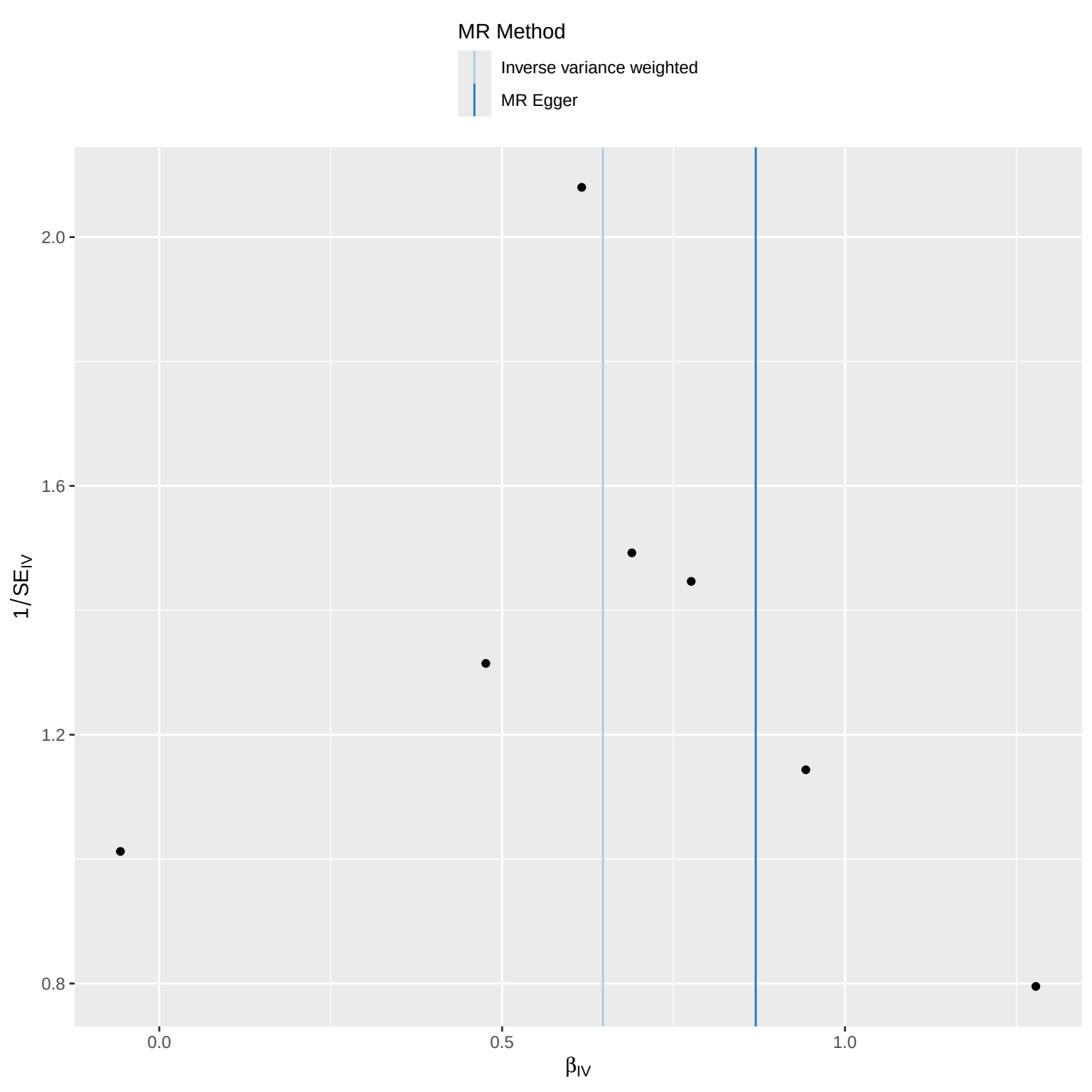

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

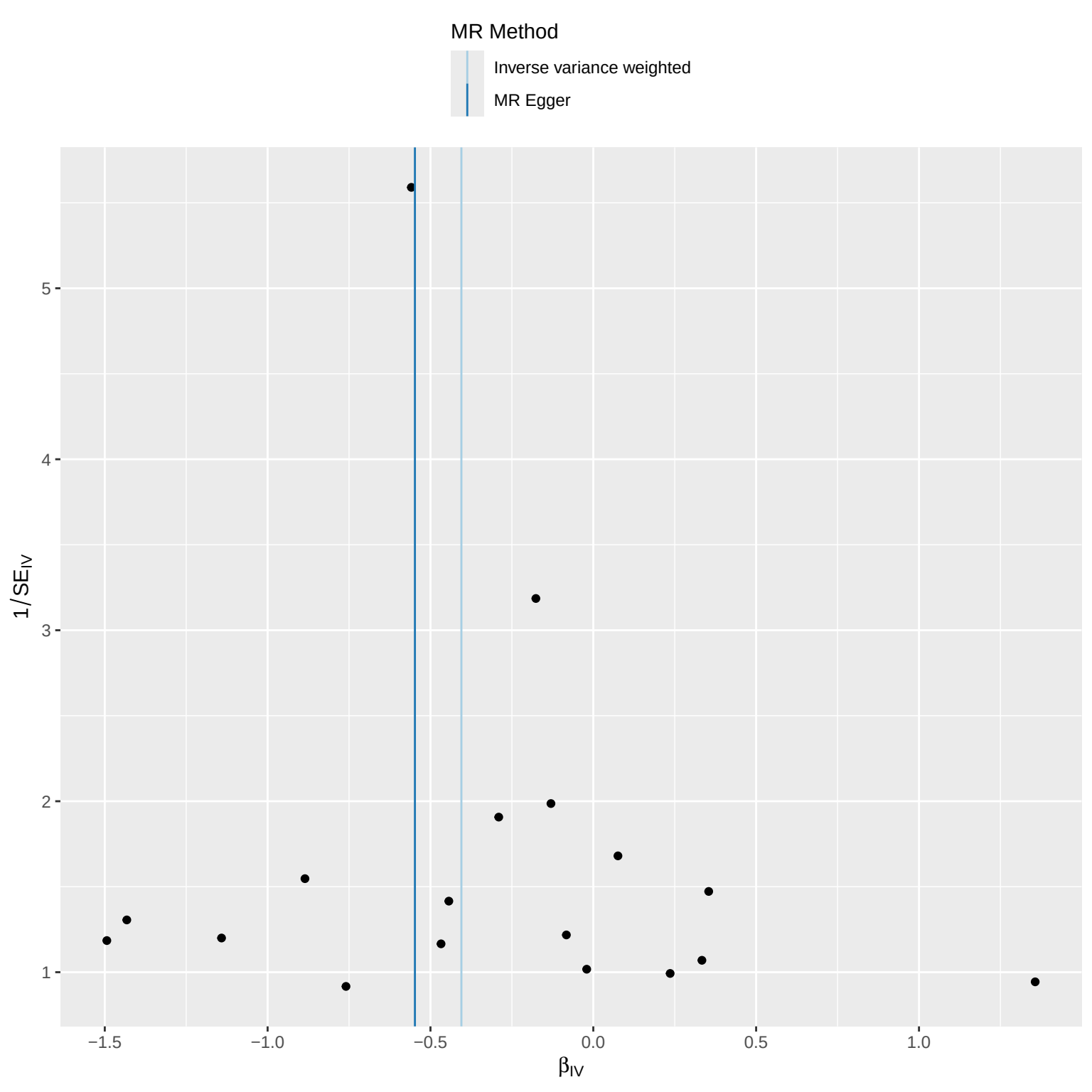

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

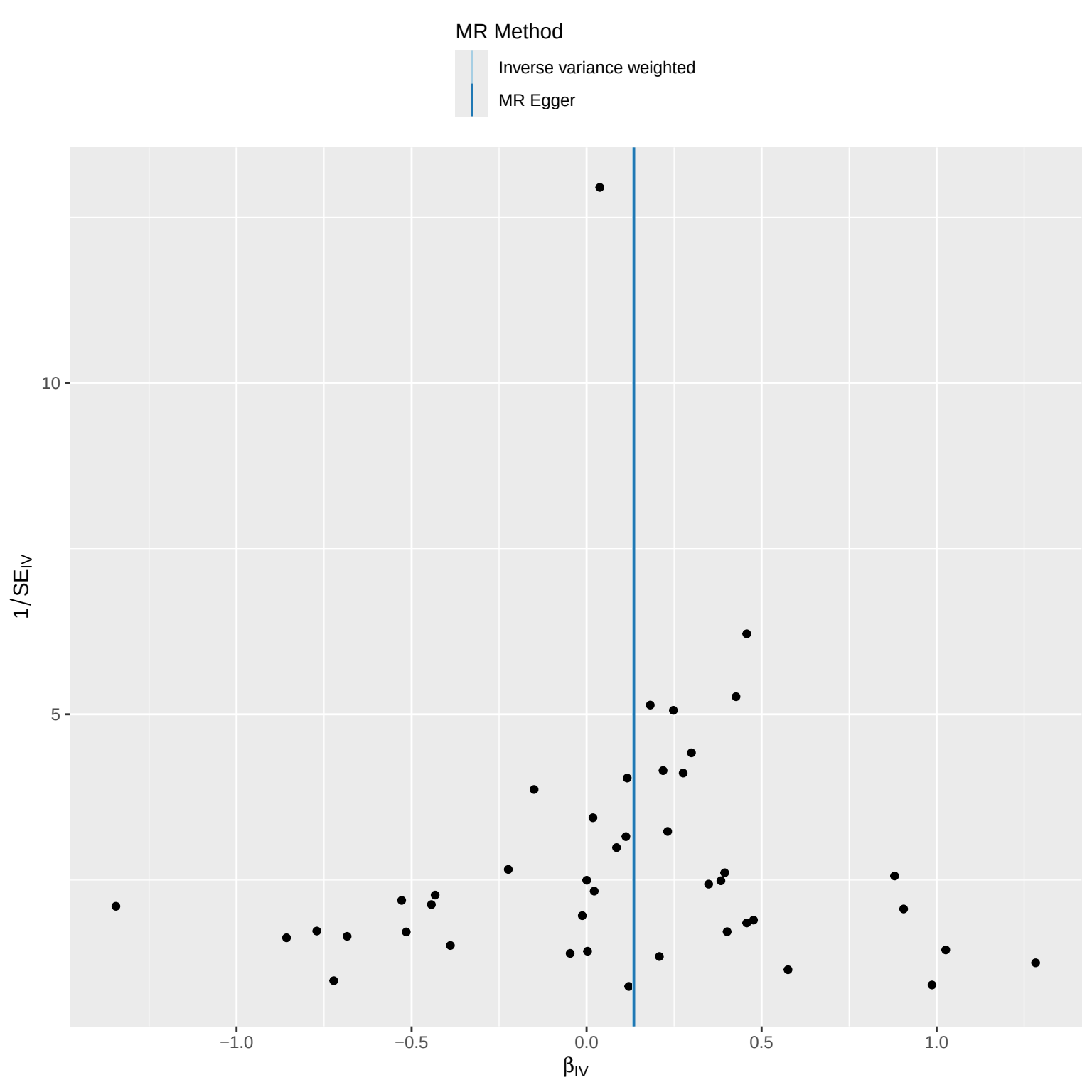

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

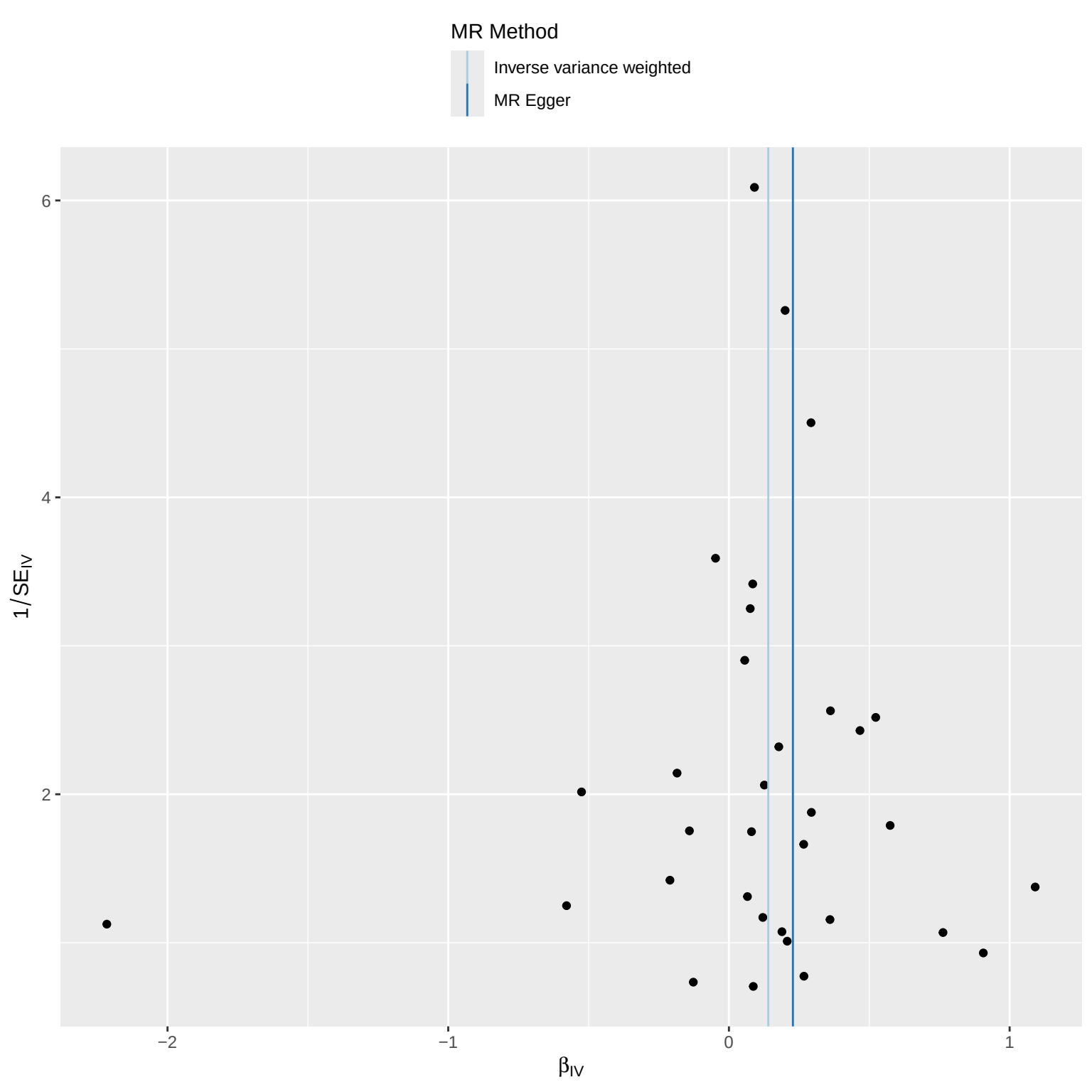

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

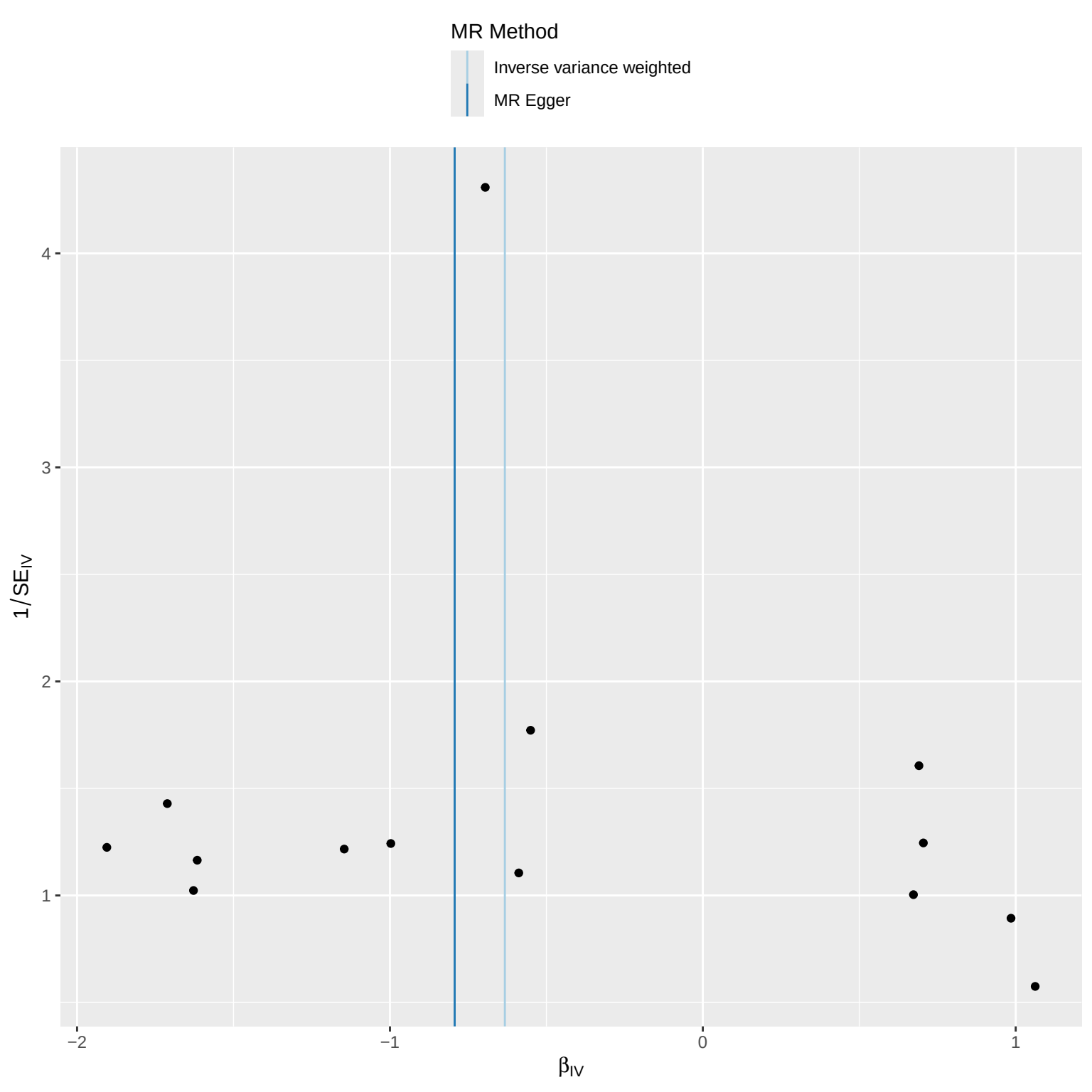

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

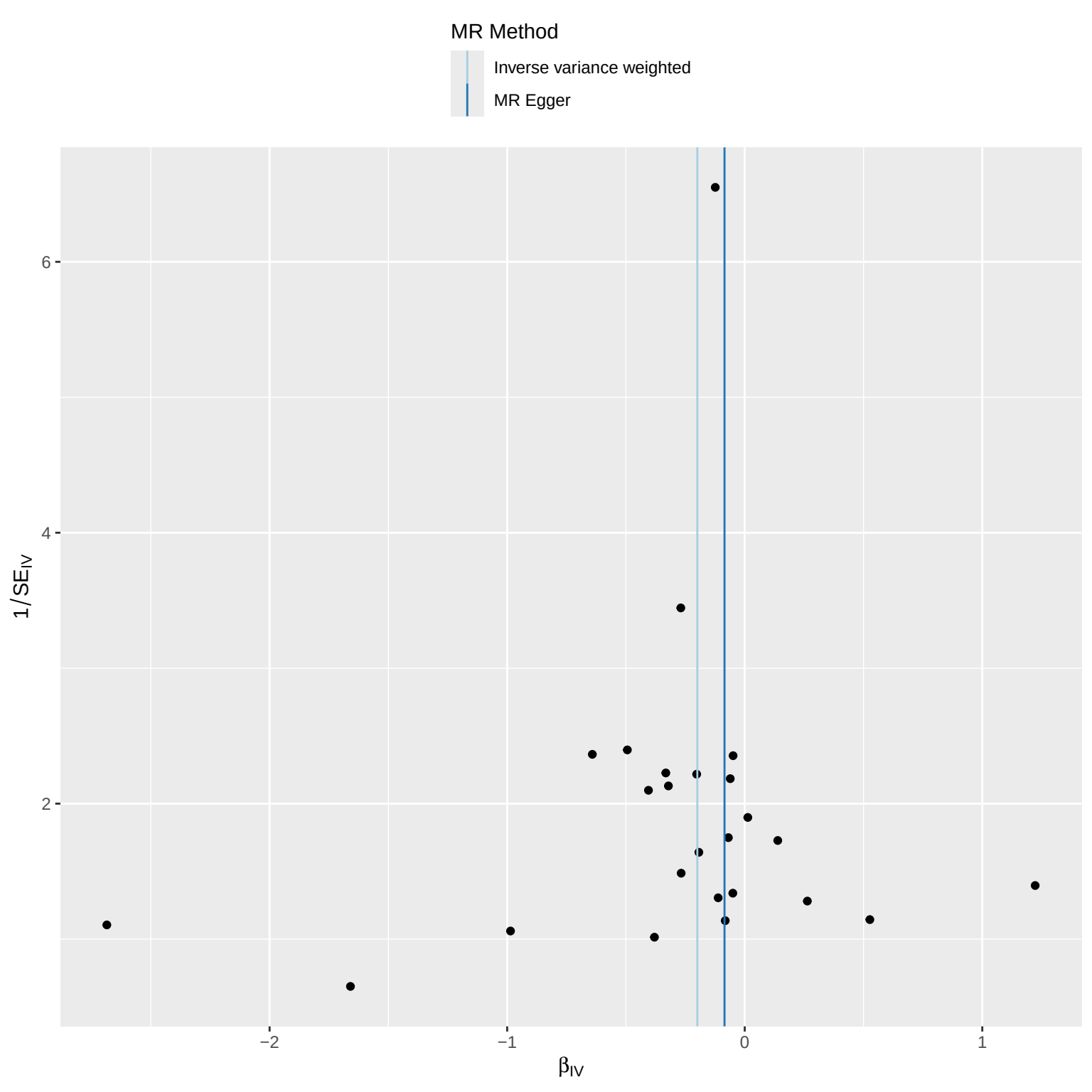

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
0.0
0.5
1.0
β_IV

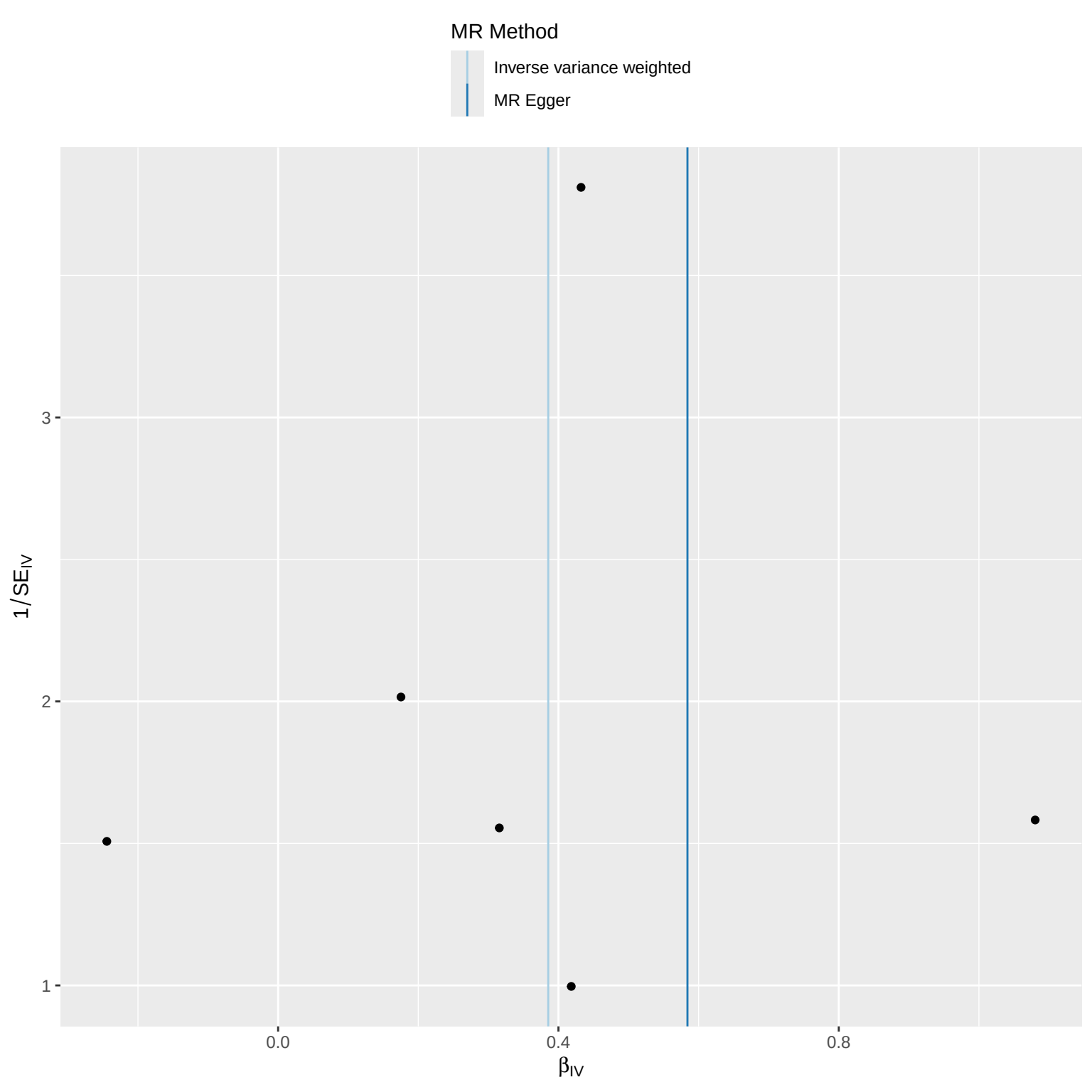

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
1.0

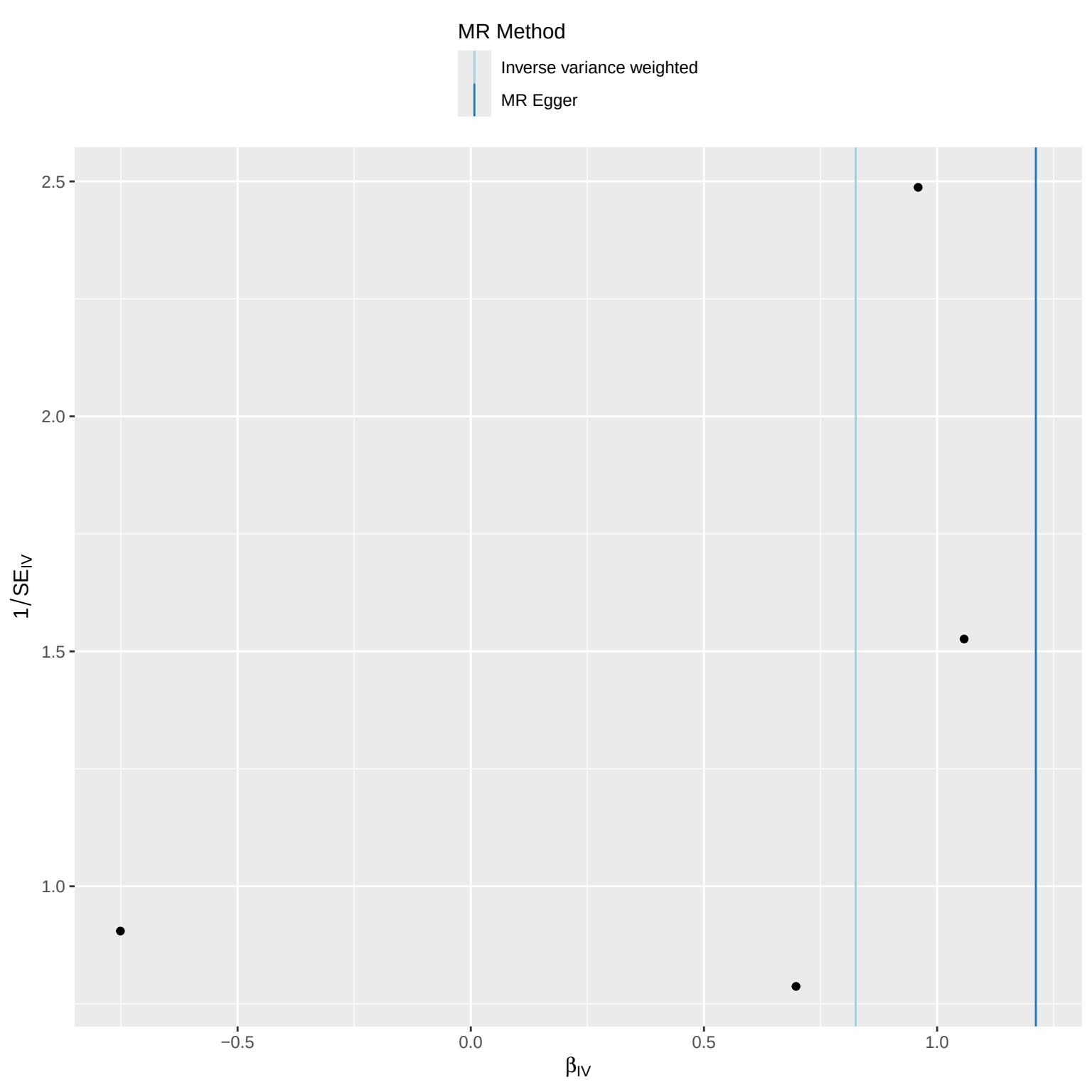

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

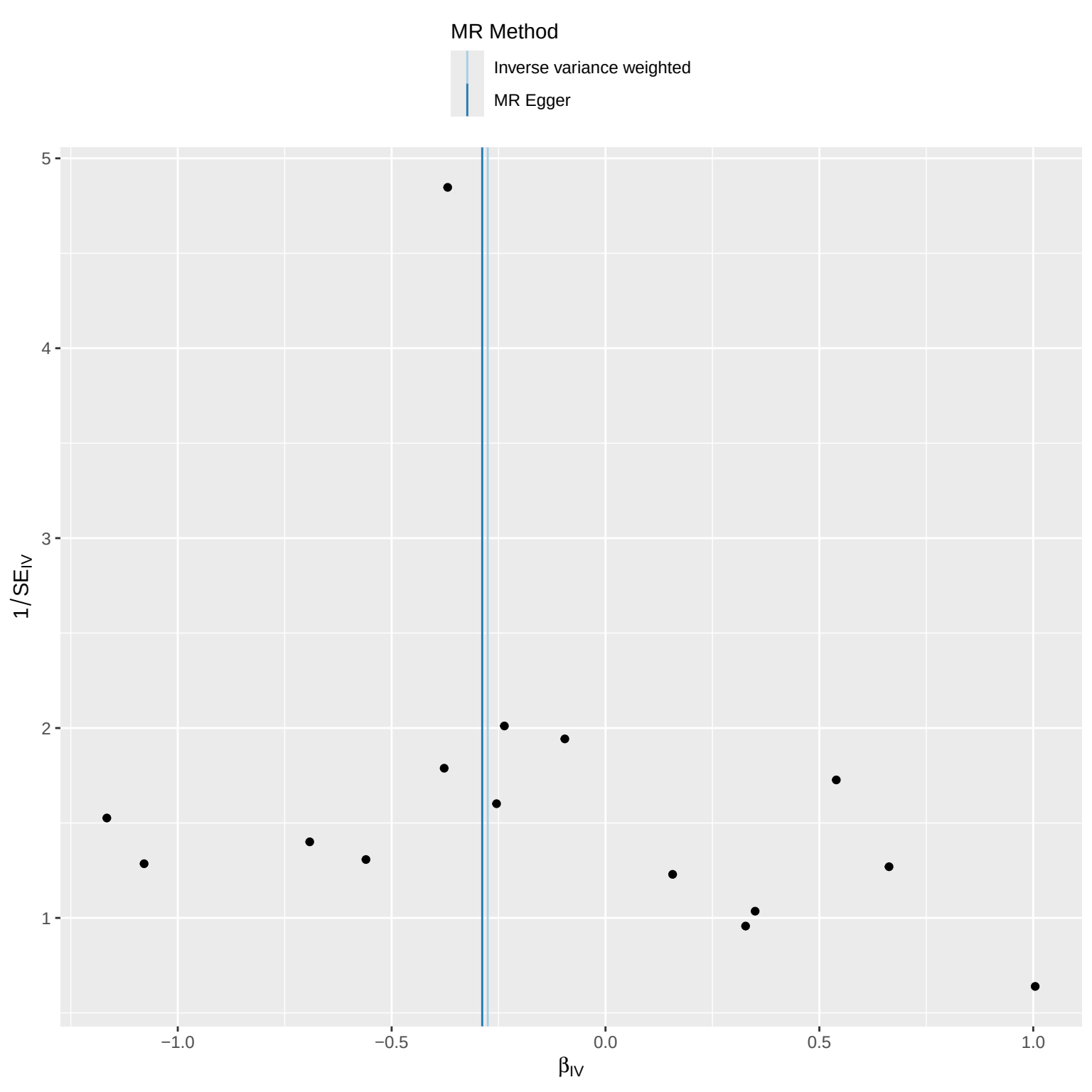

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

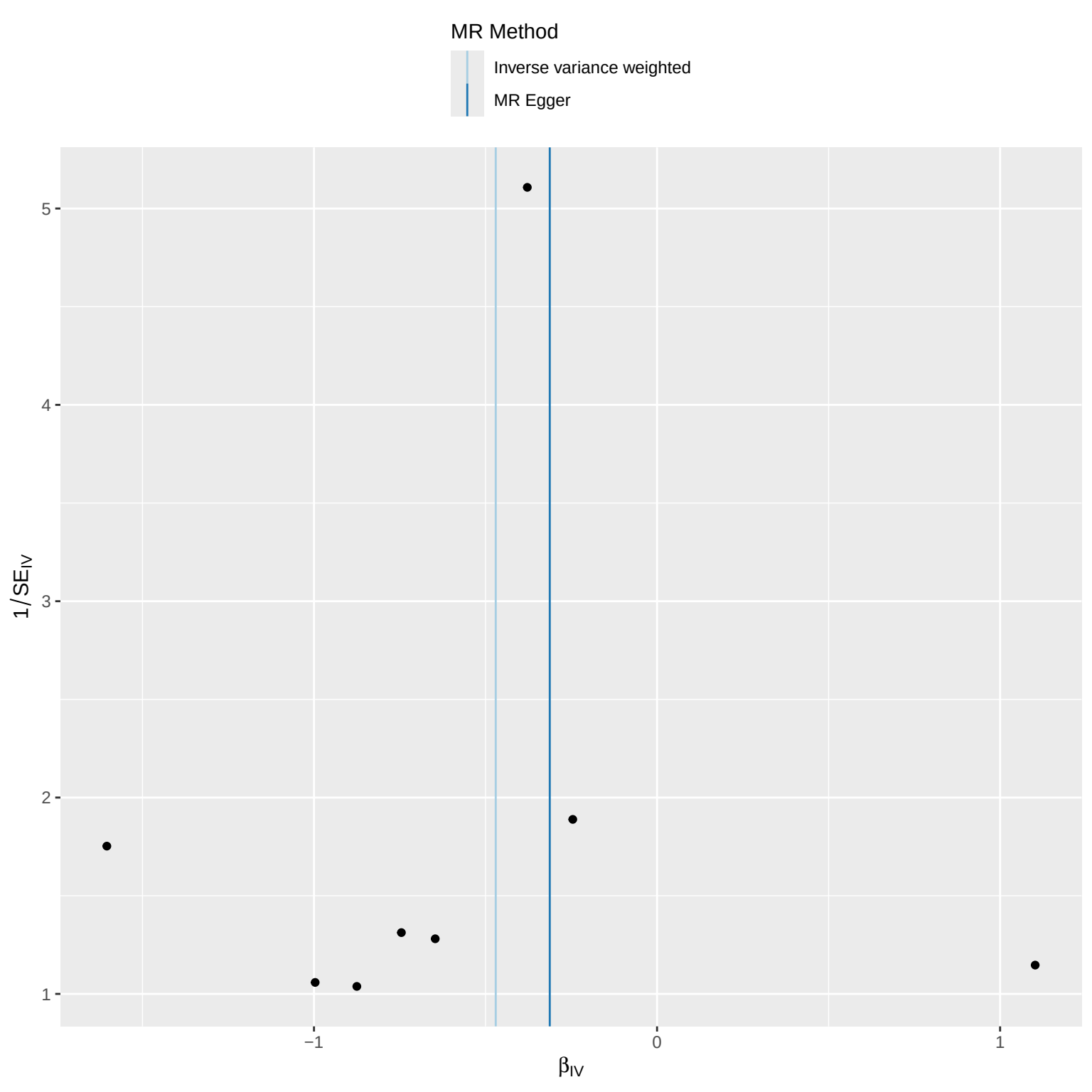

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

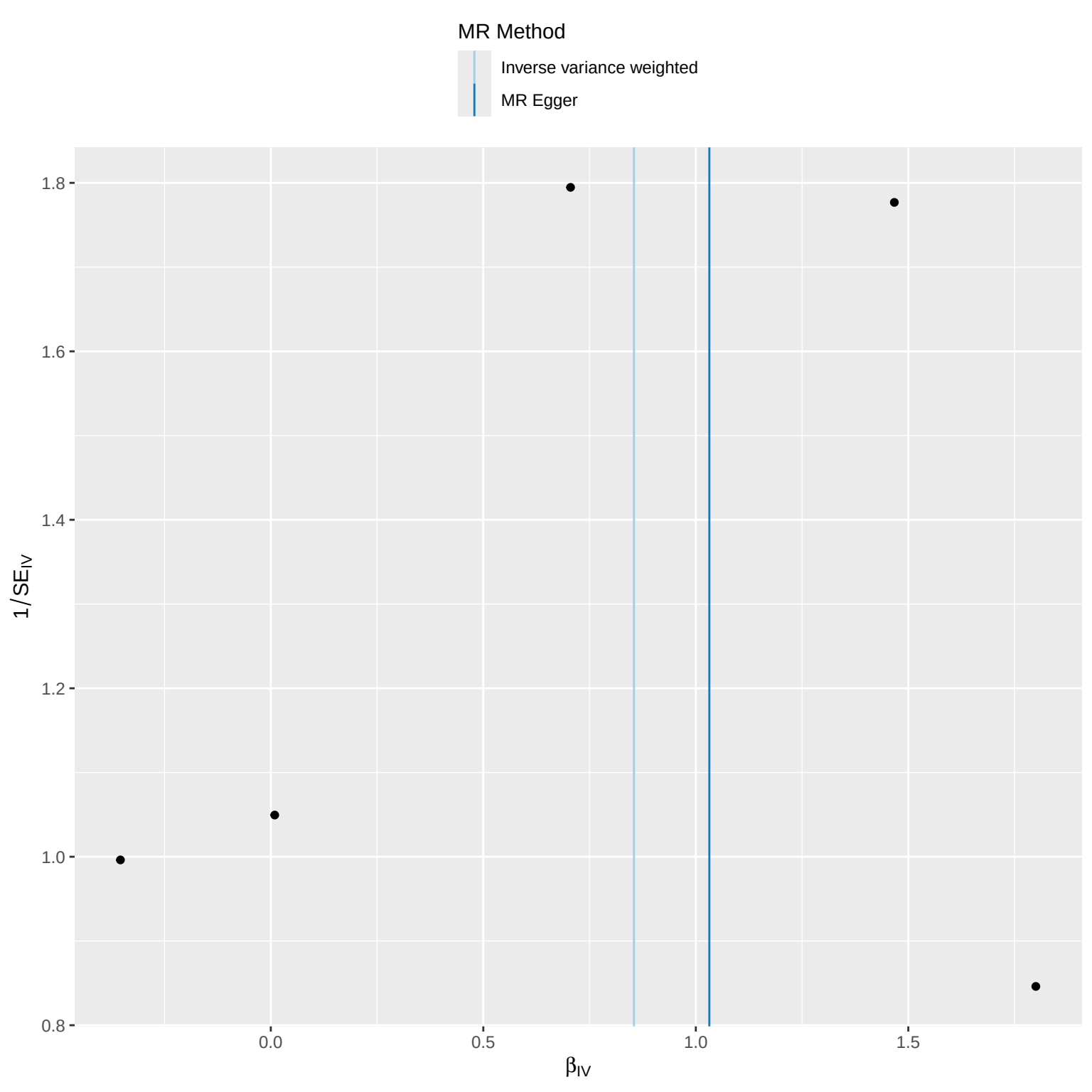

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

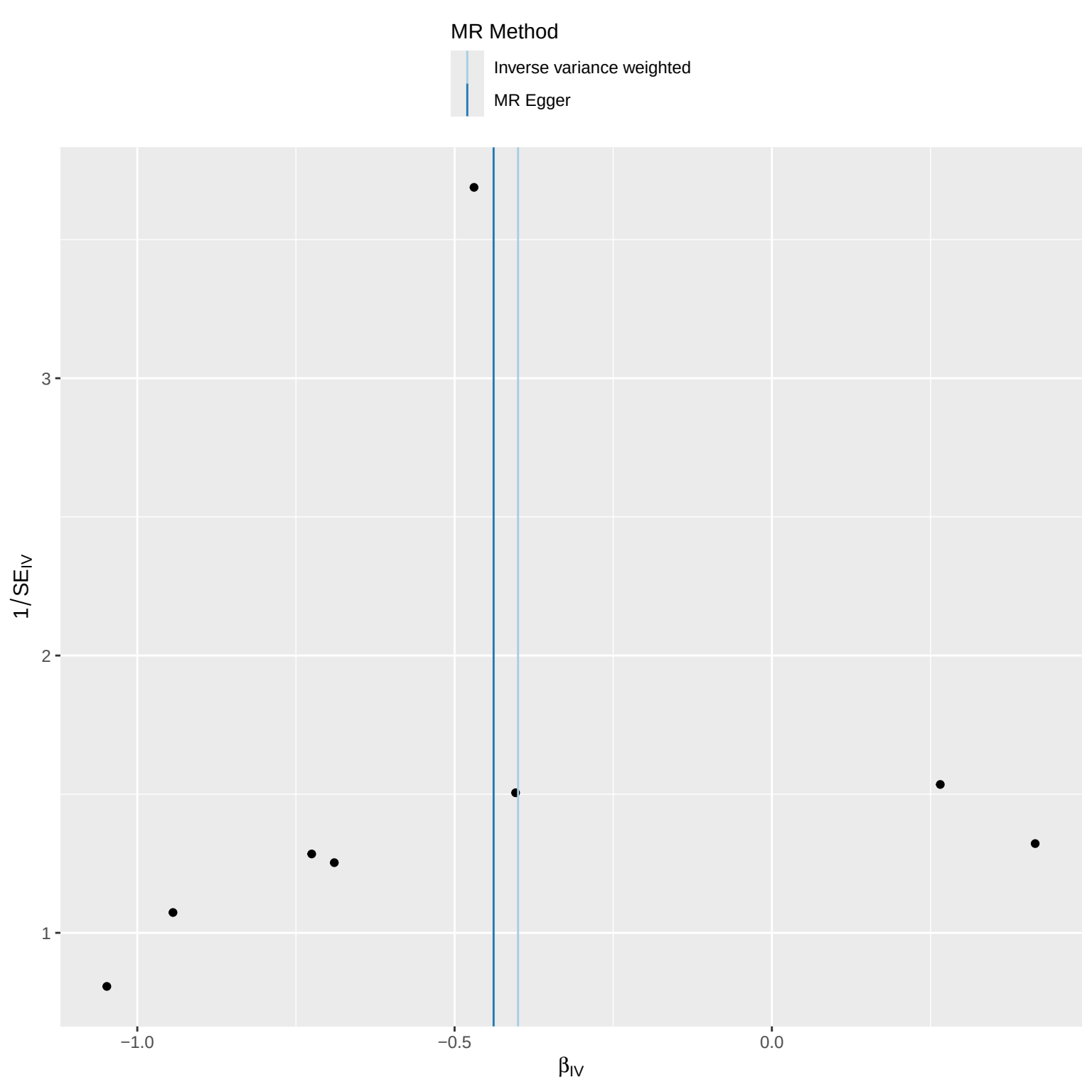

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.4
0.8
β_IV

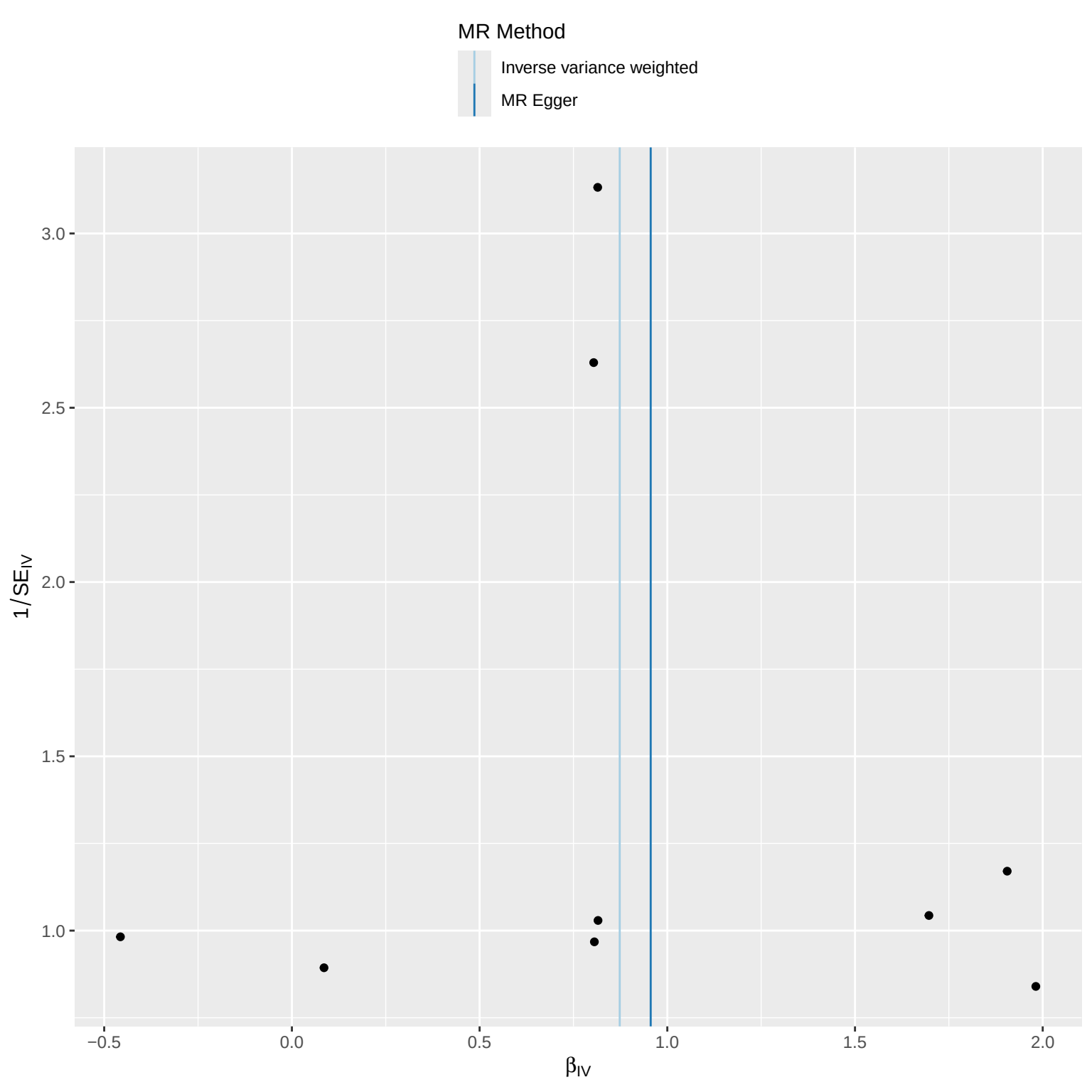

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

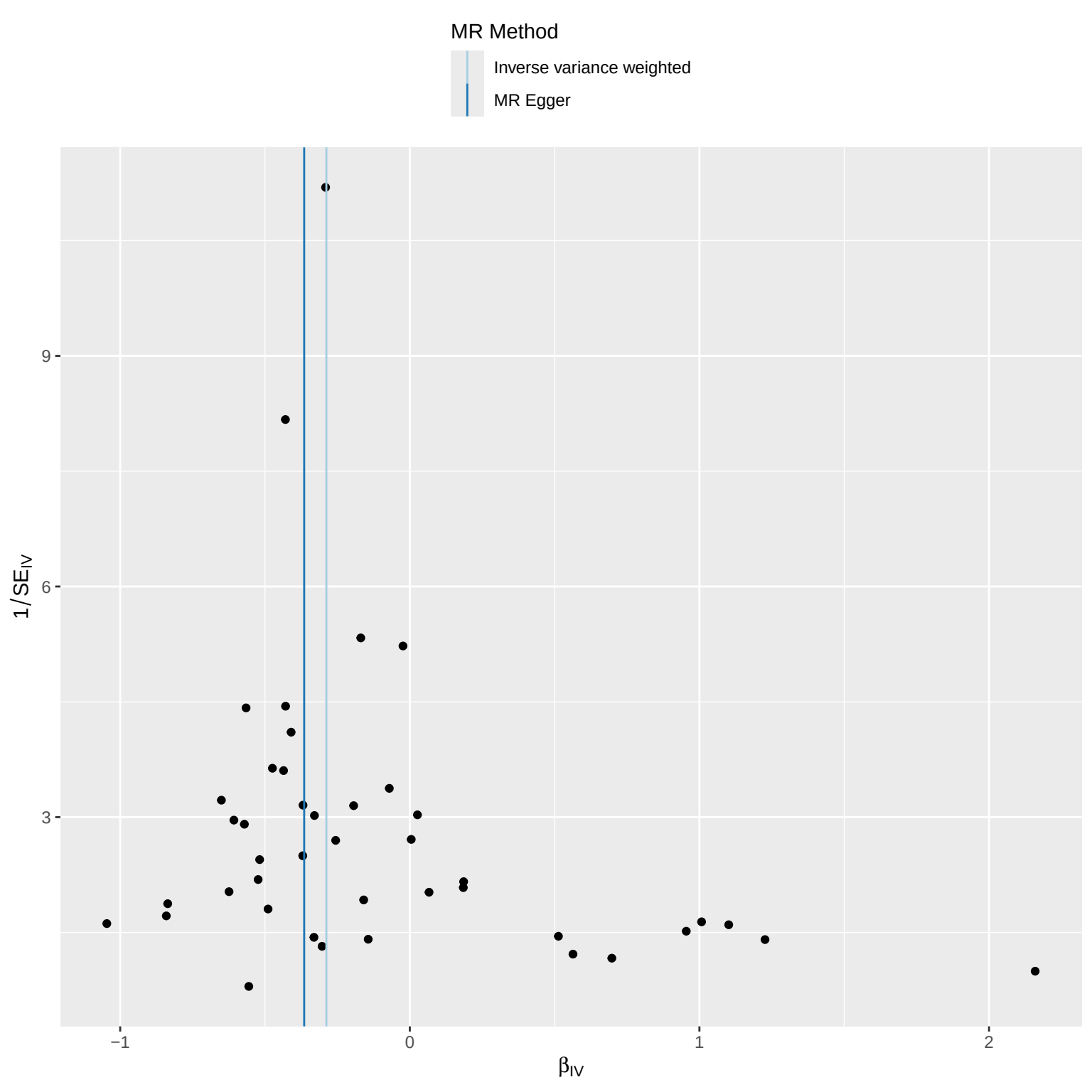

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

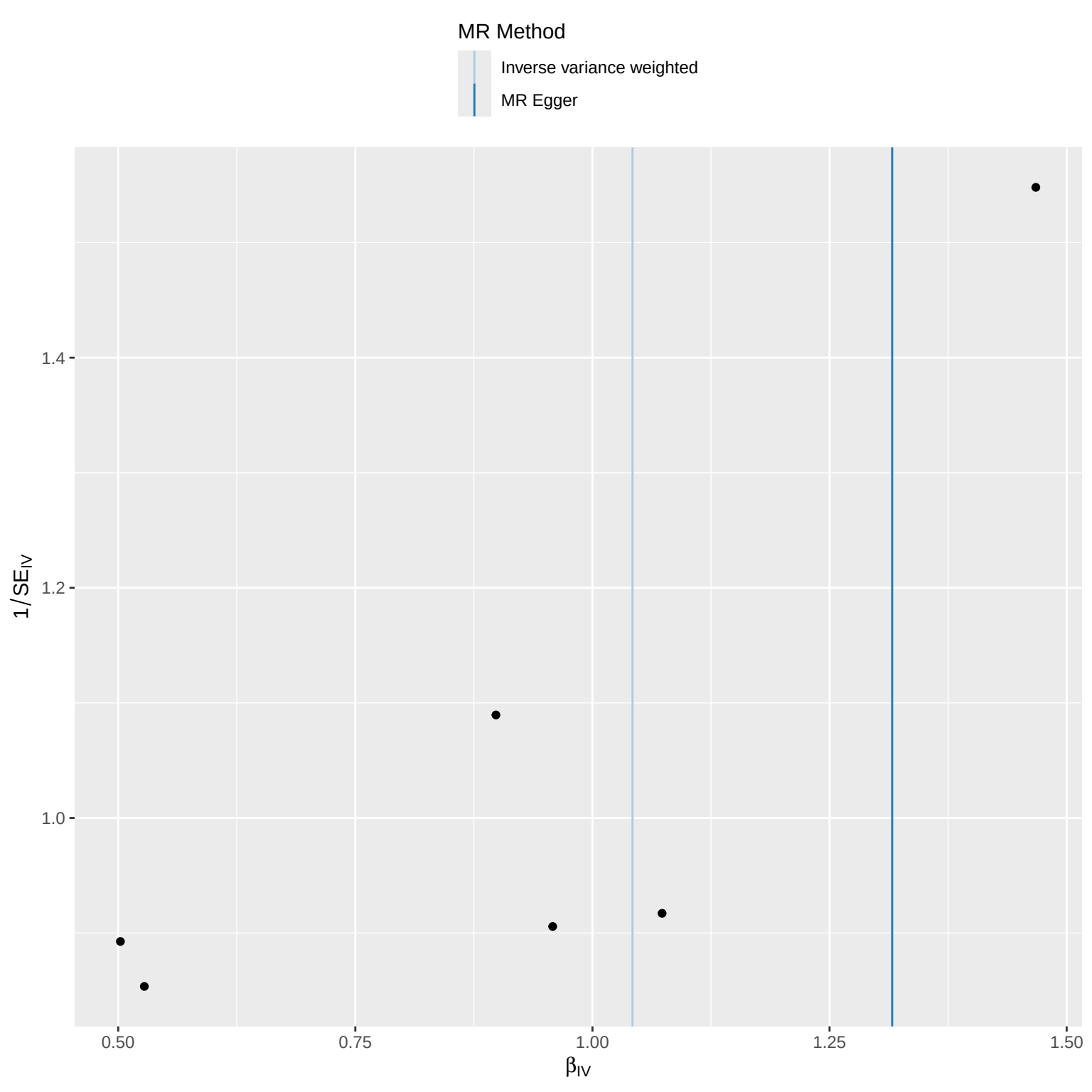

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

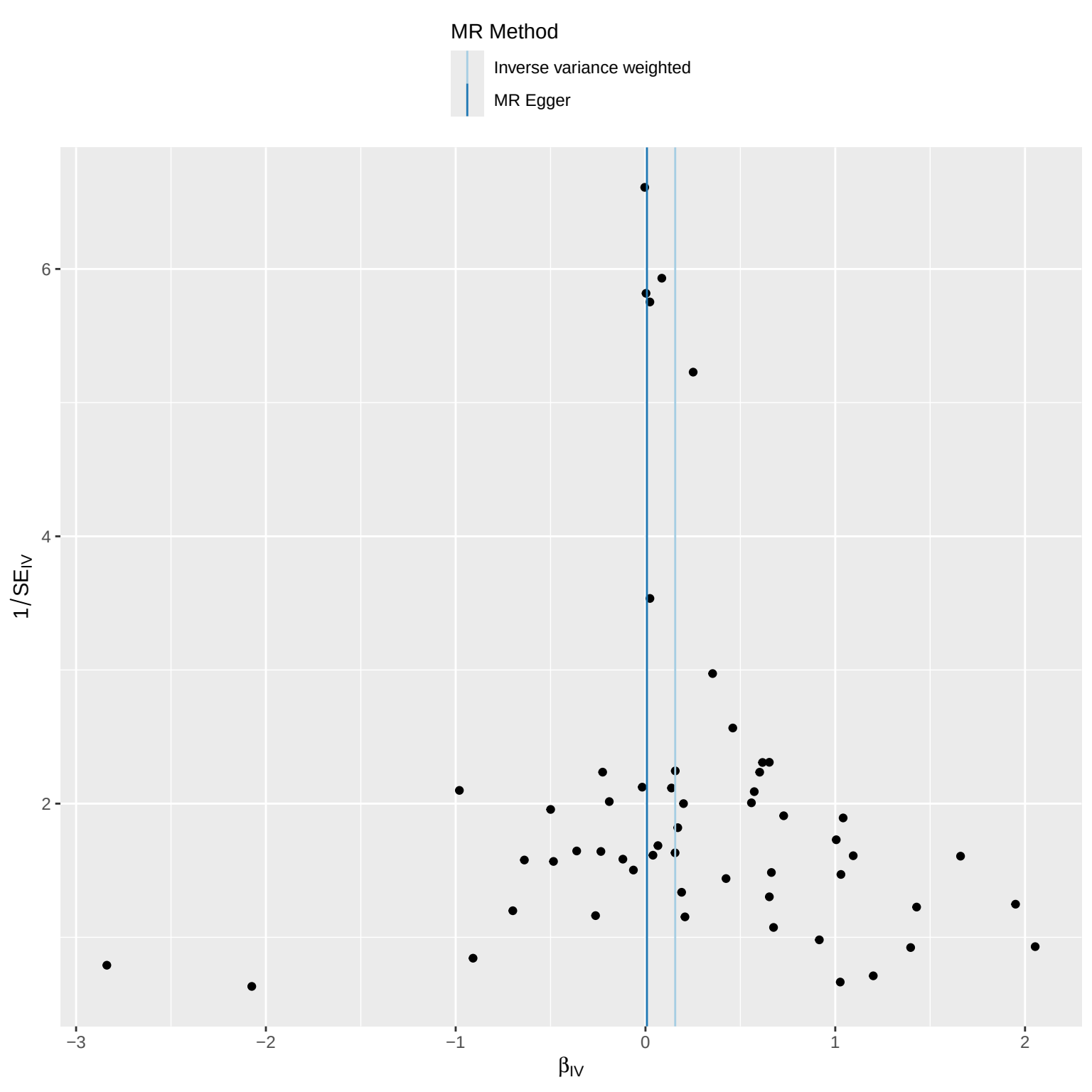

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
0.8
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

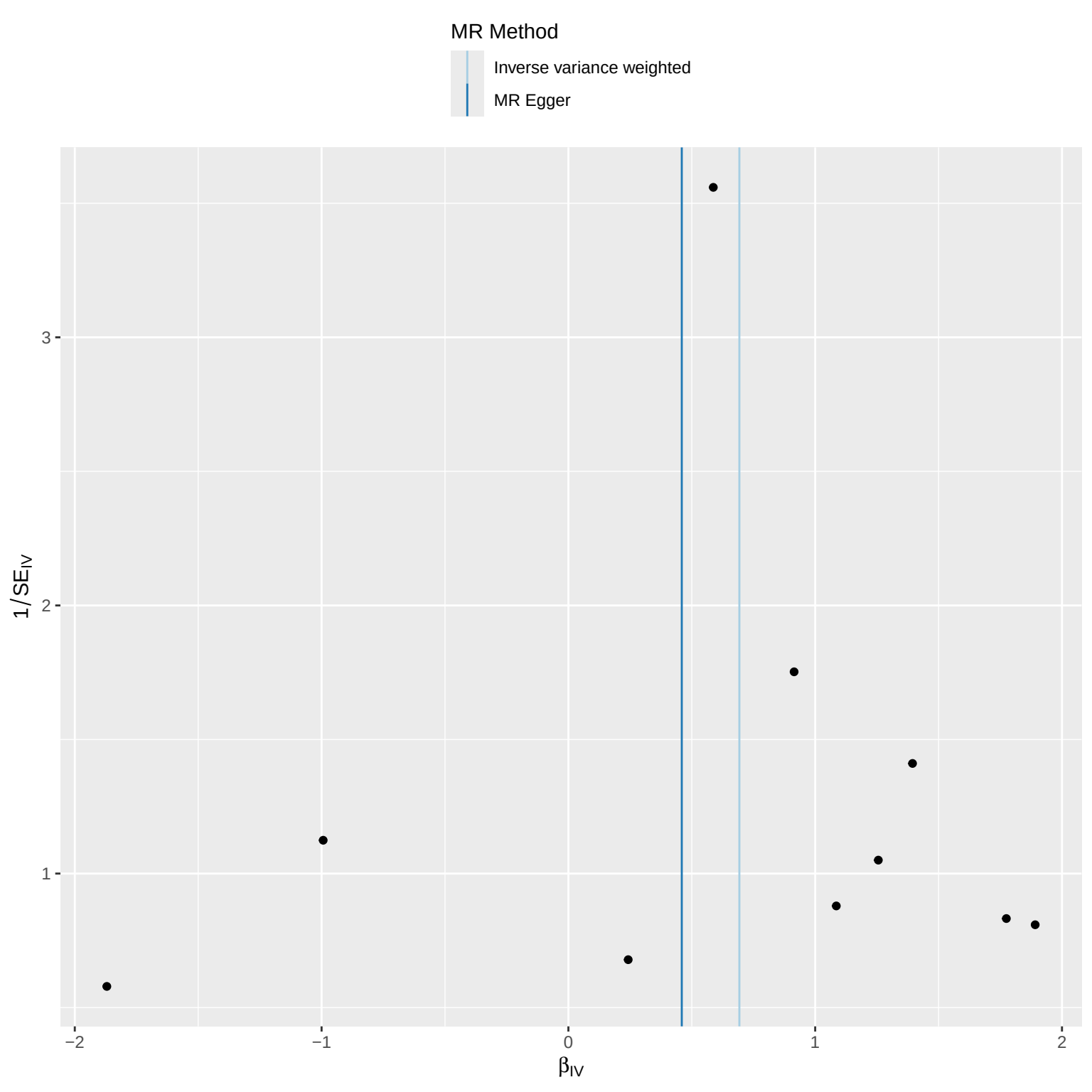

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
β_IV

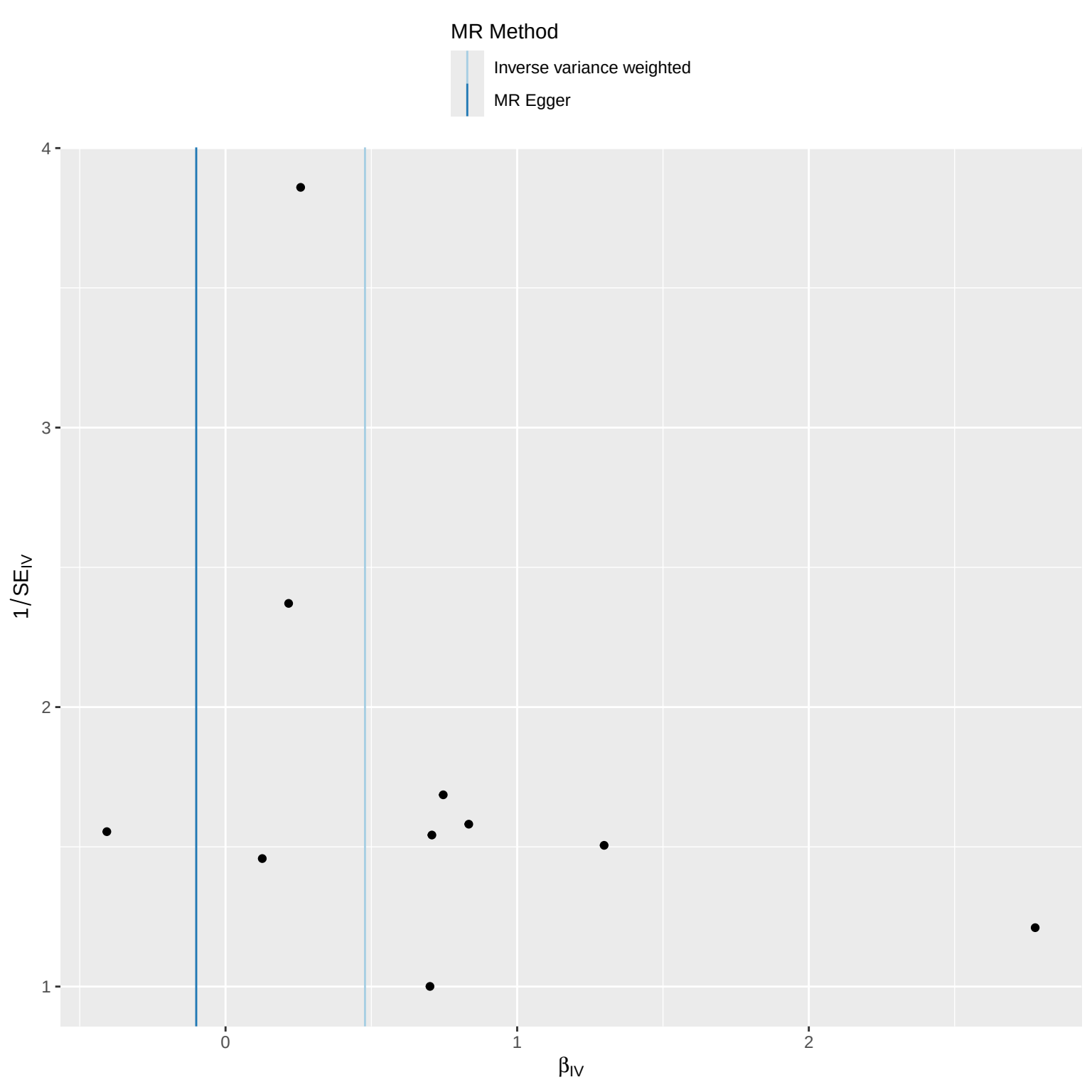

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

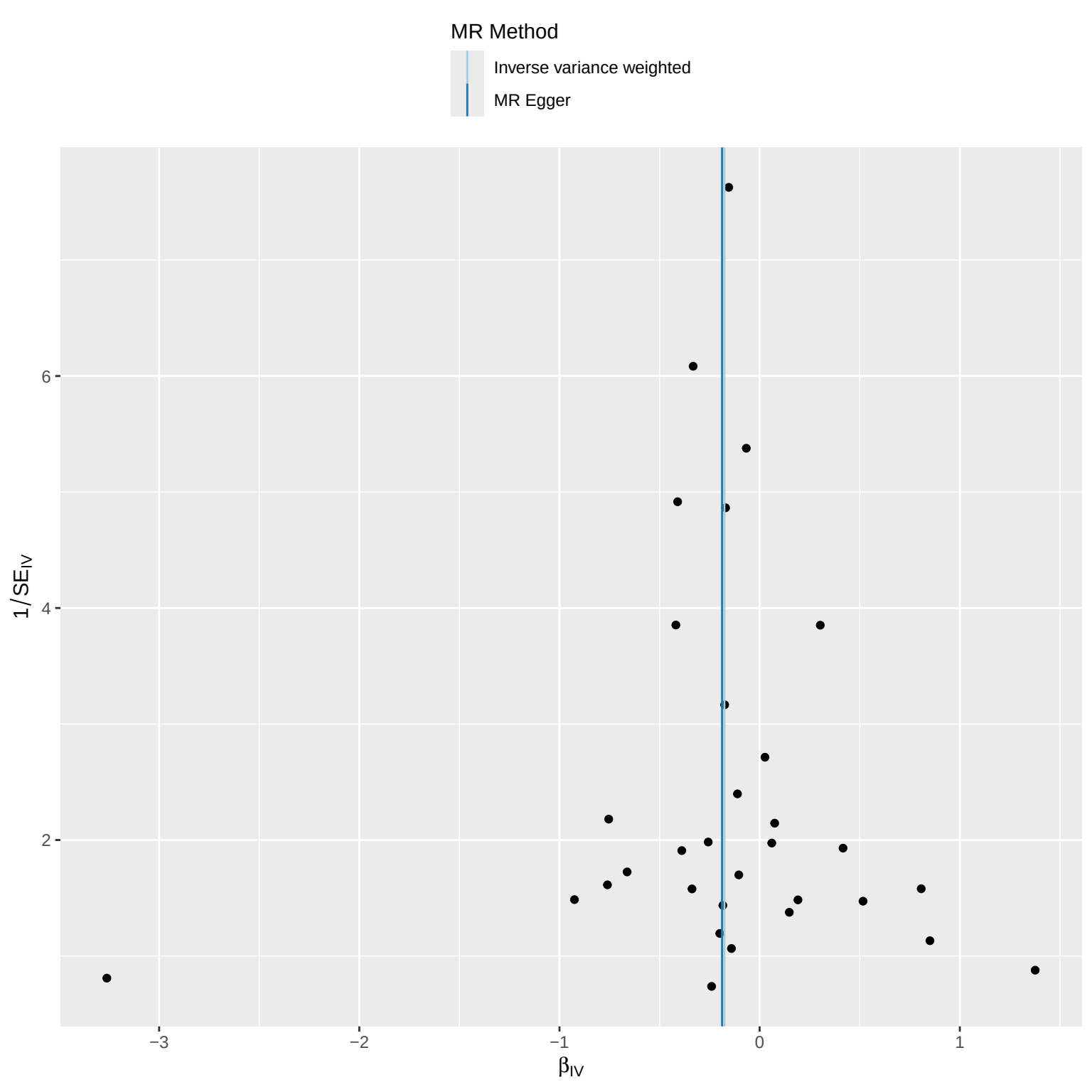

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1
0
1
2
β_IV

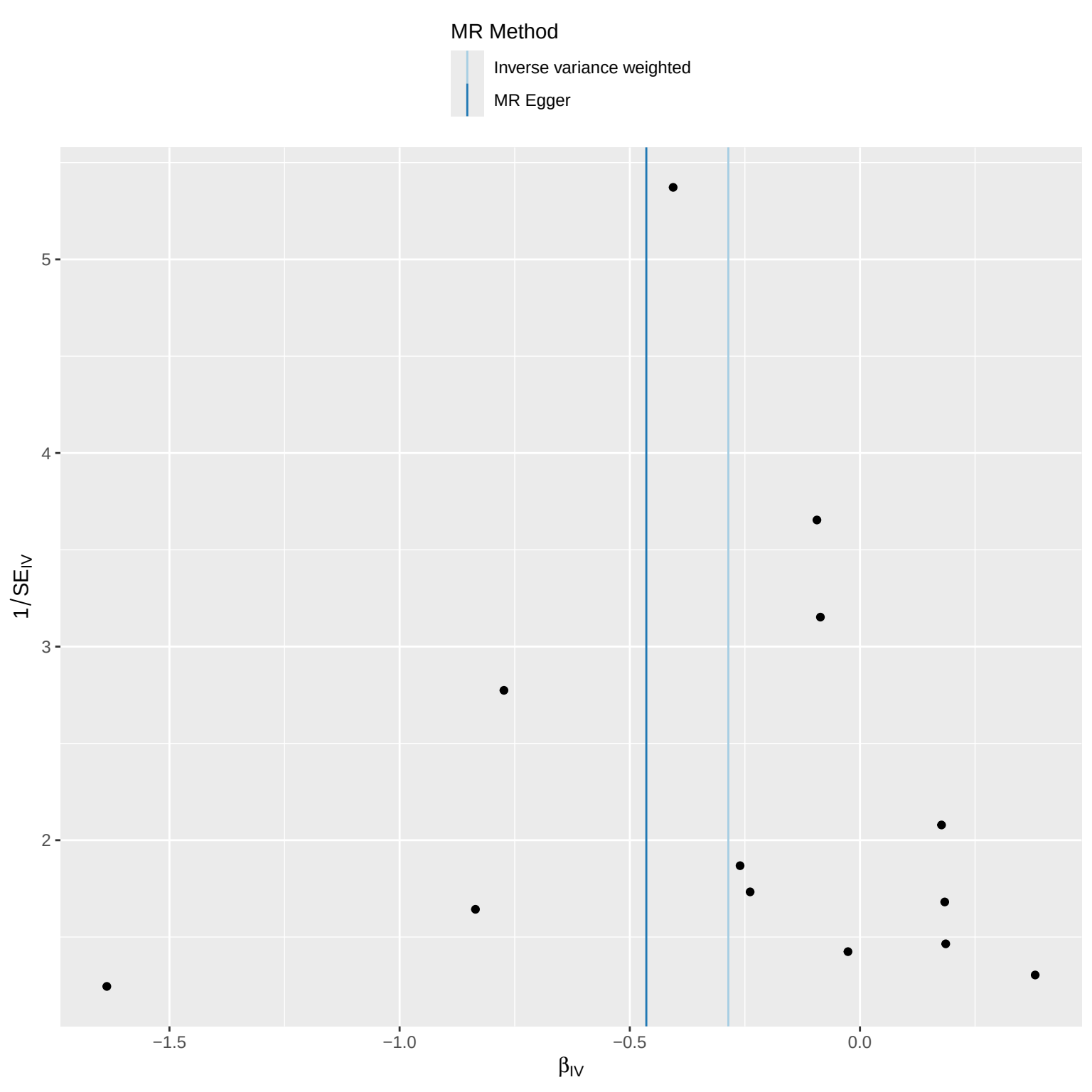

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
1/SE_IV
0.50
0.75
1.00
1.25
1.50
β_IV

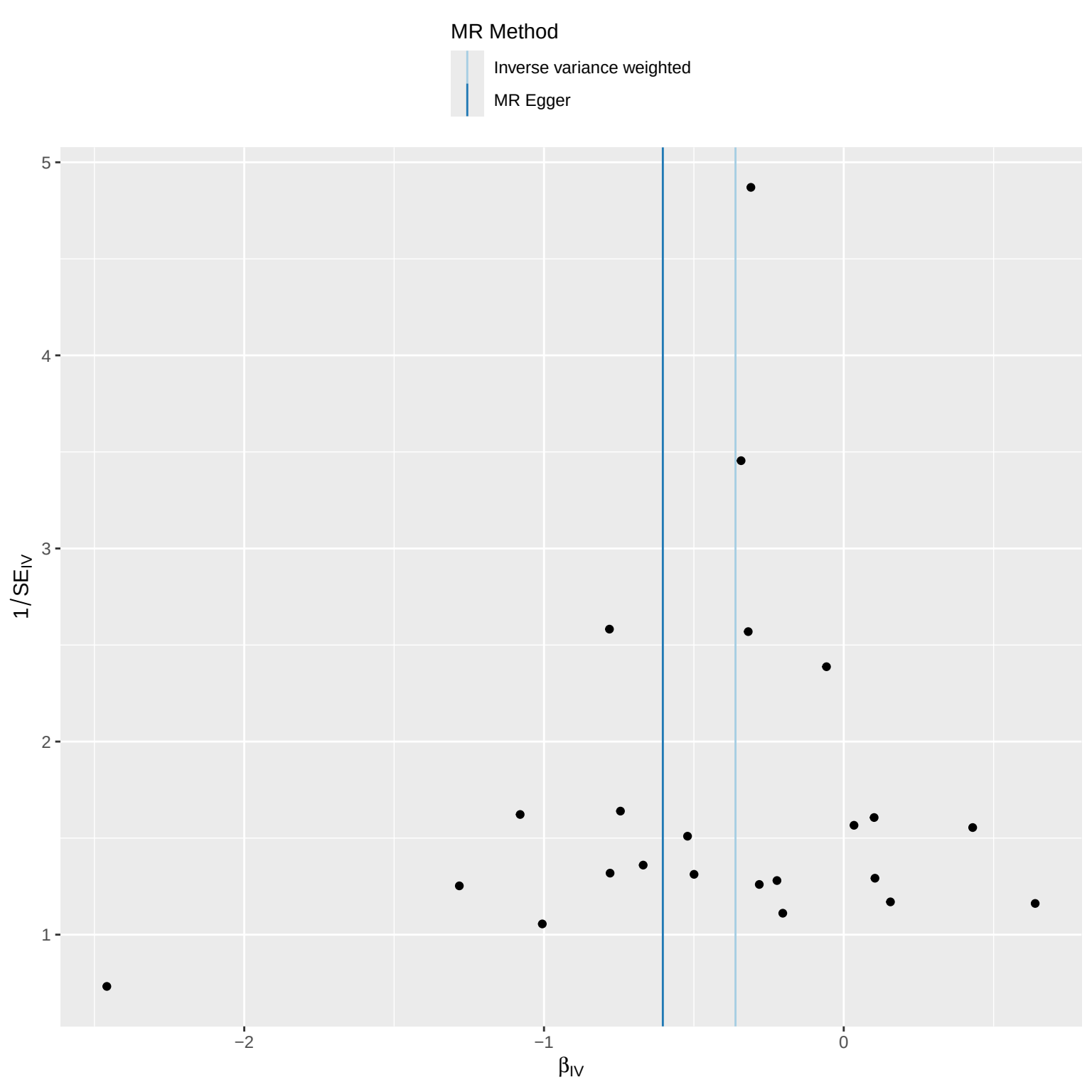

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

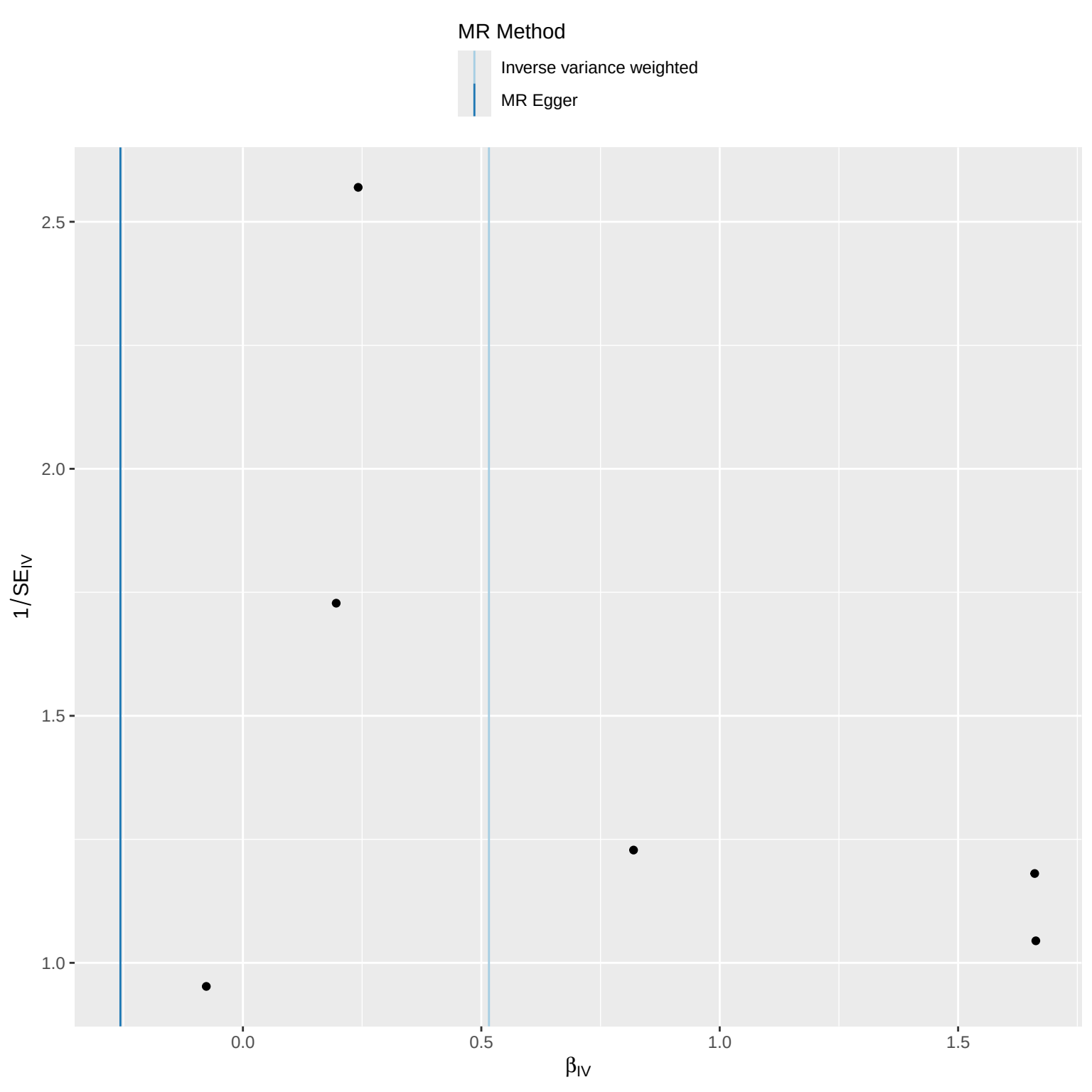

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

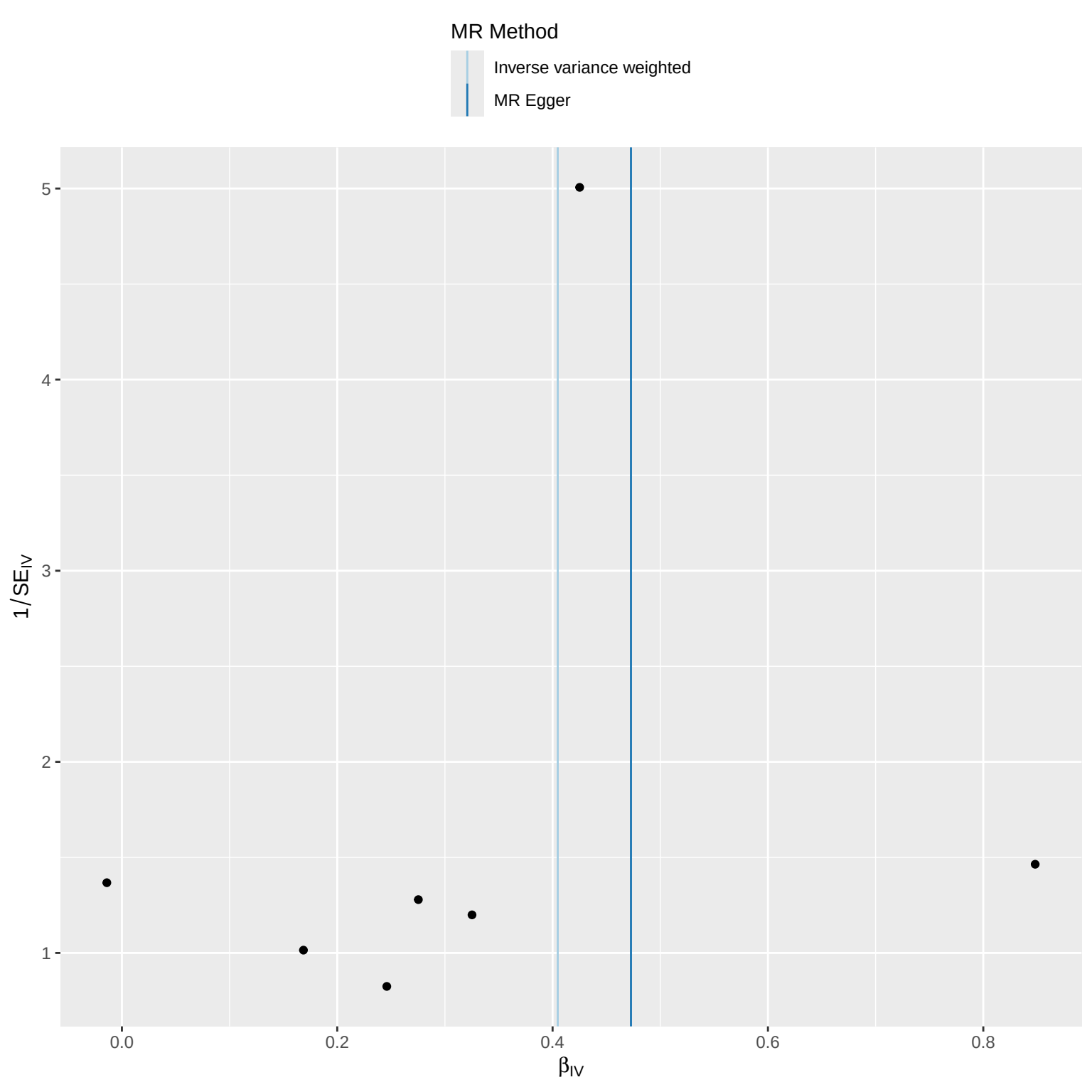

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

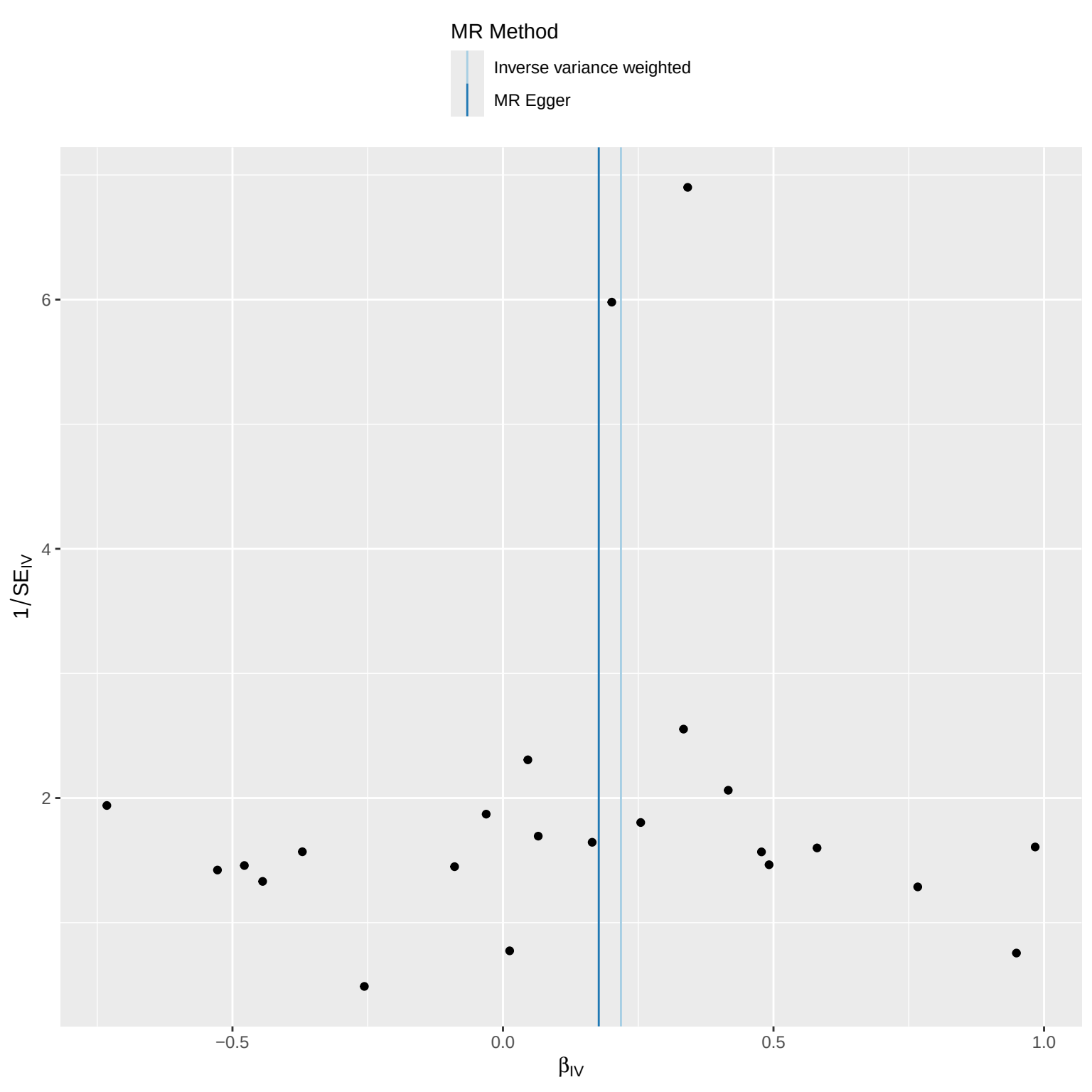

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

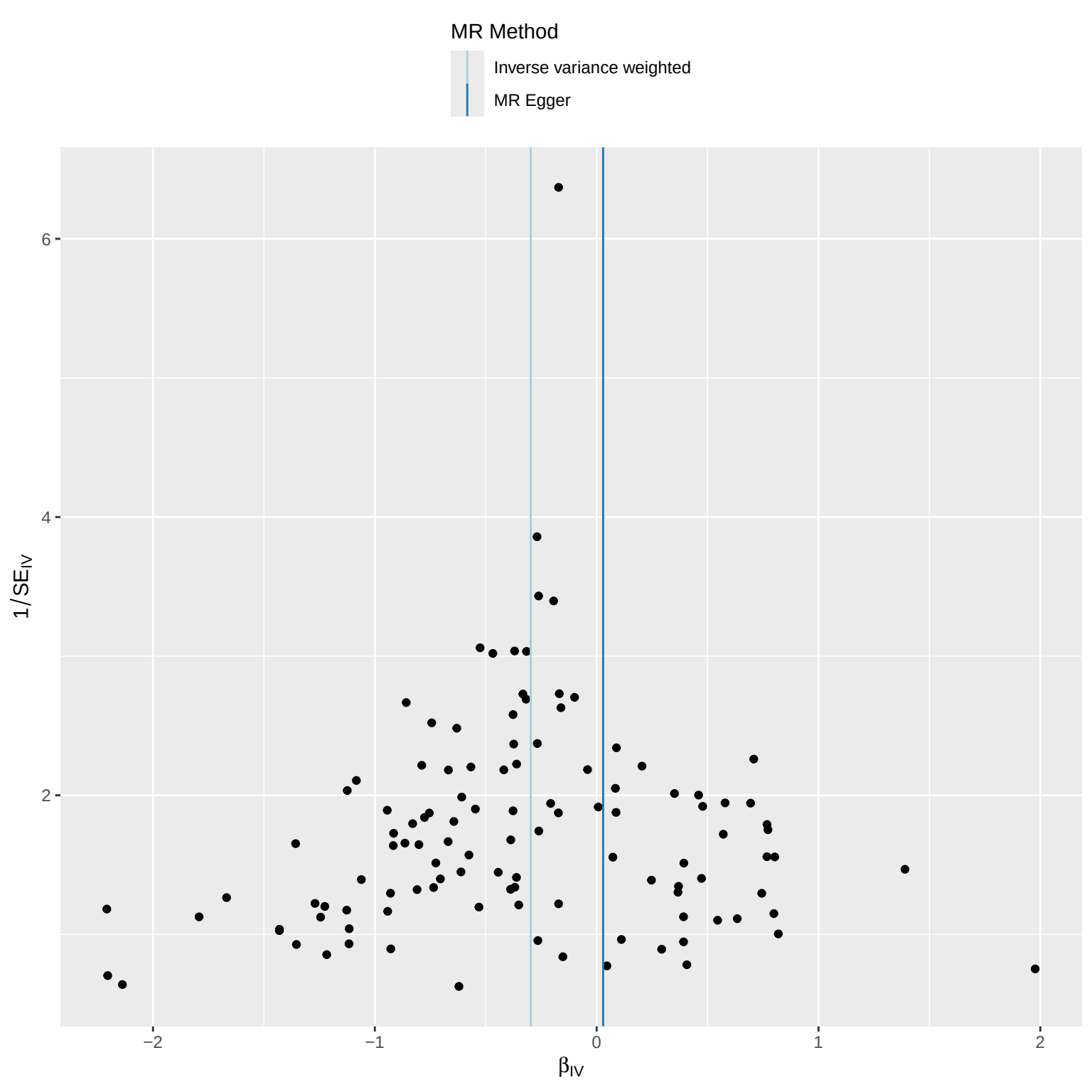

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

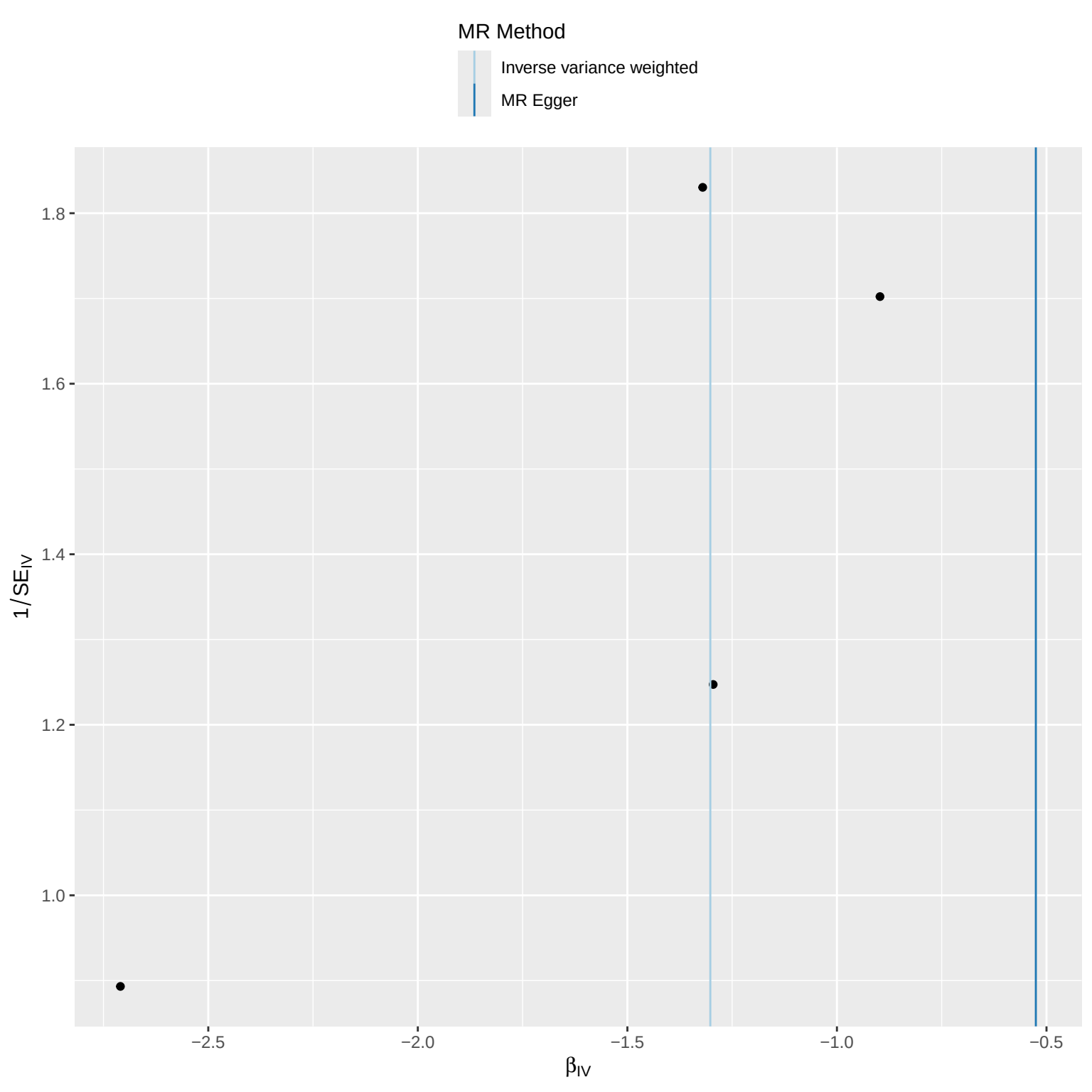

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

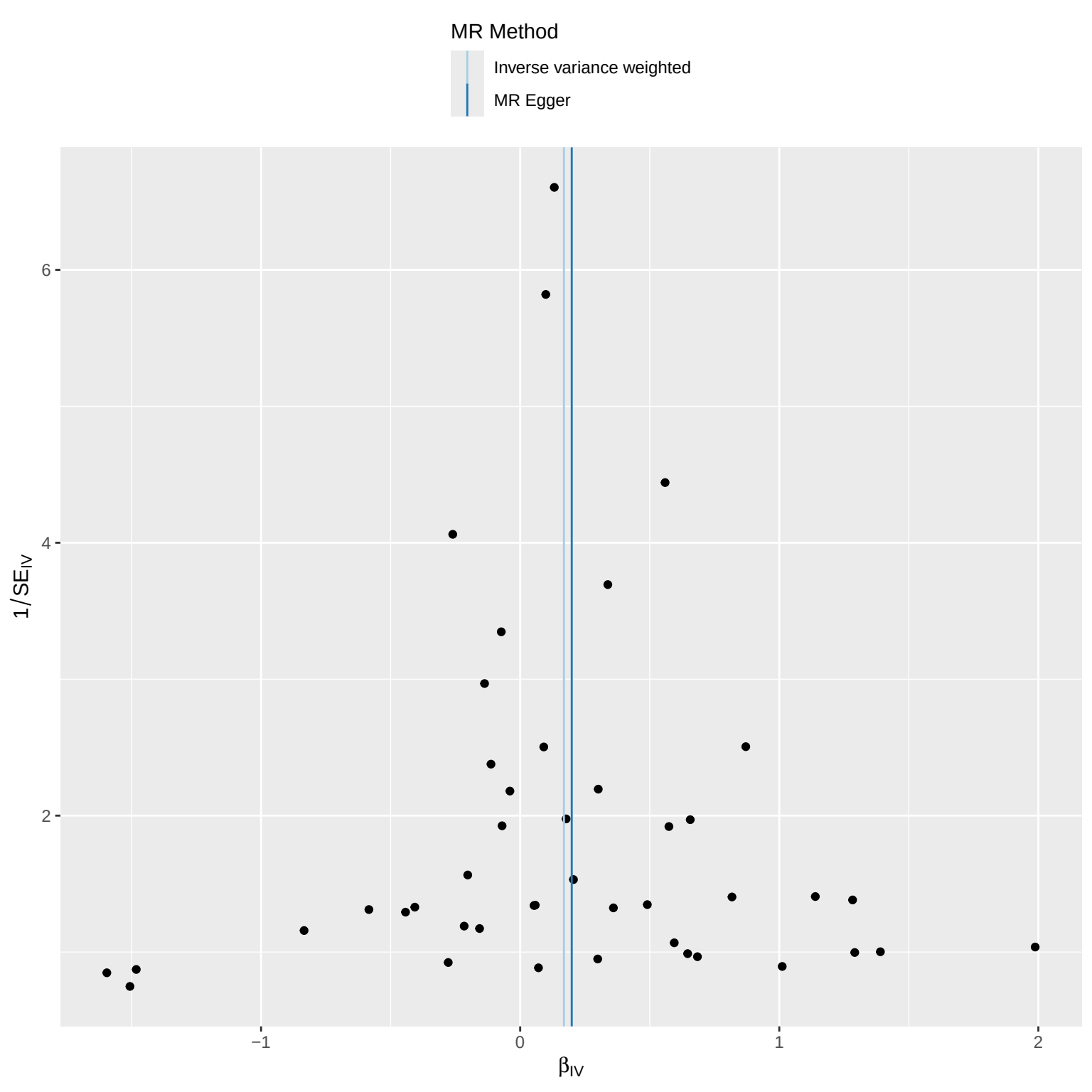

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

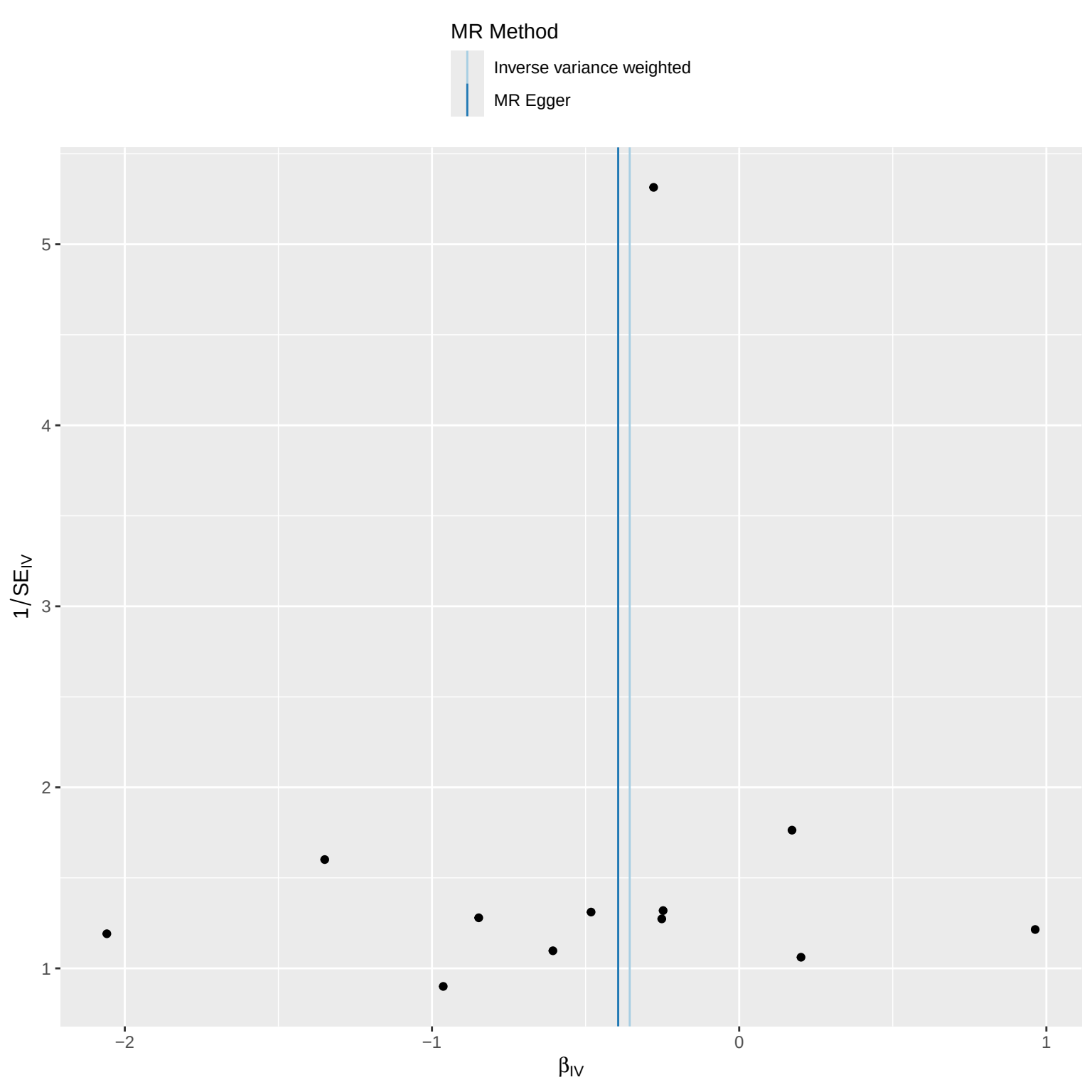

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.2
0.4
0.6
0.8
β_IV

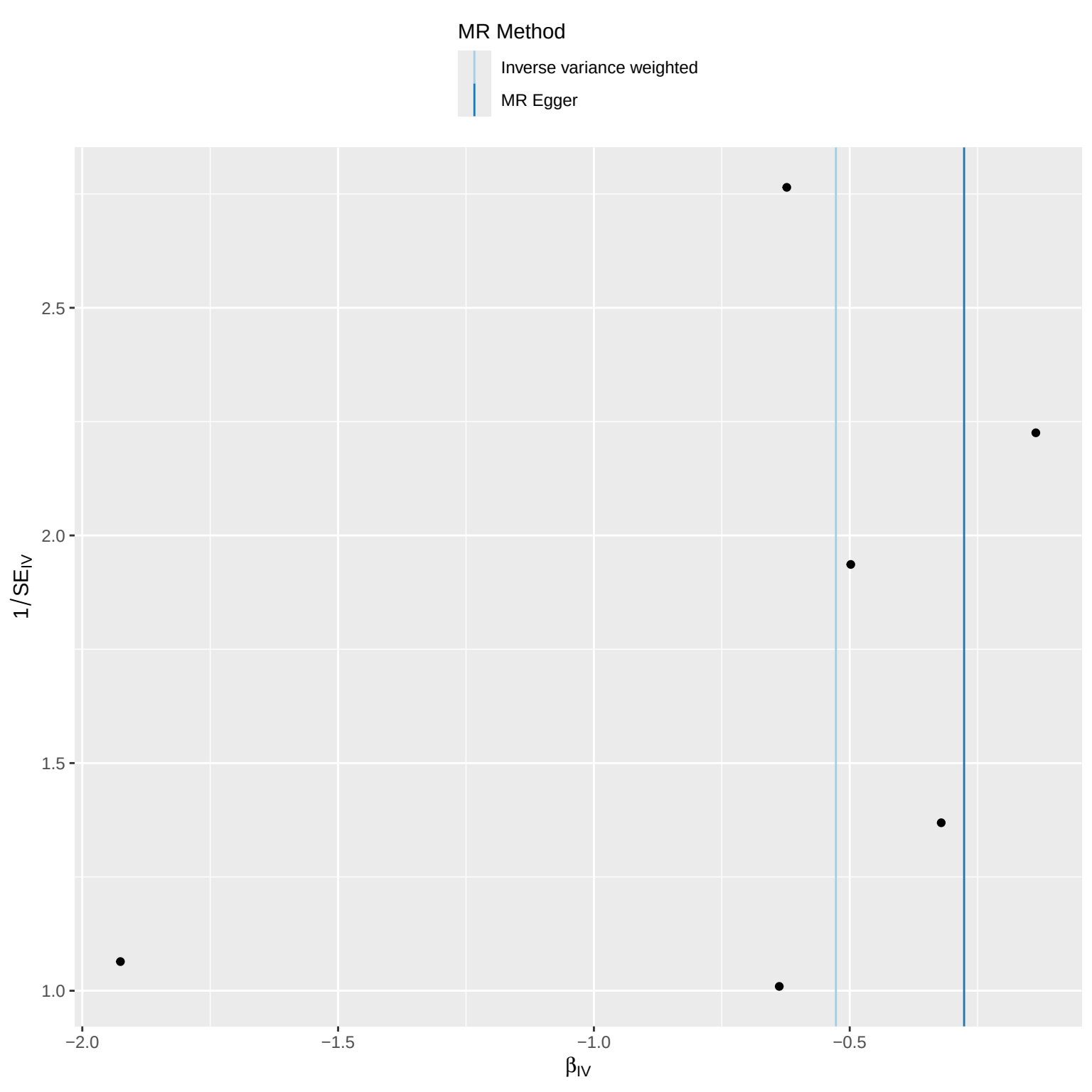

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

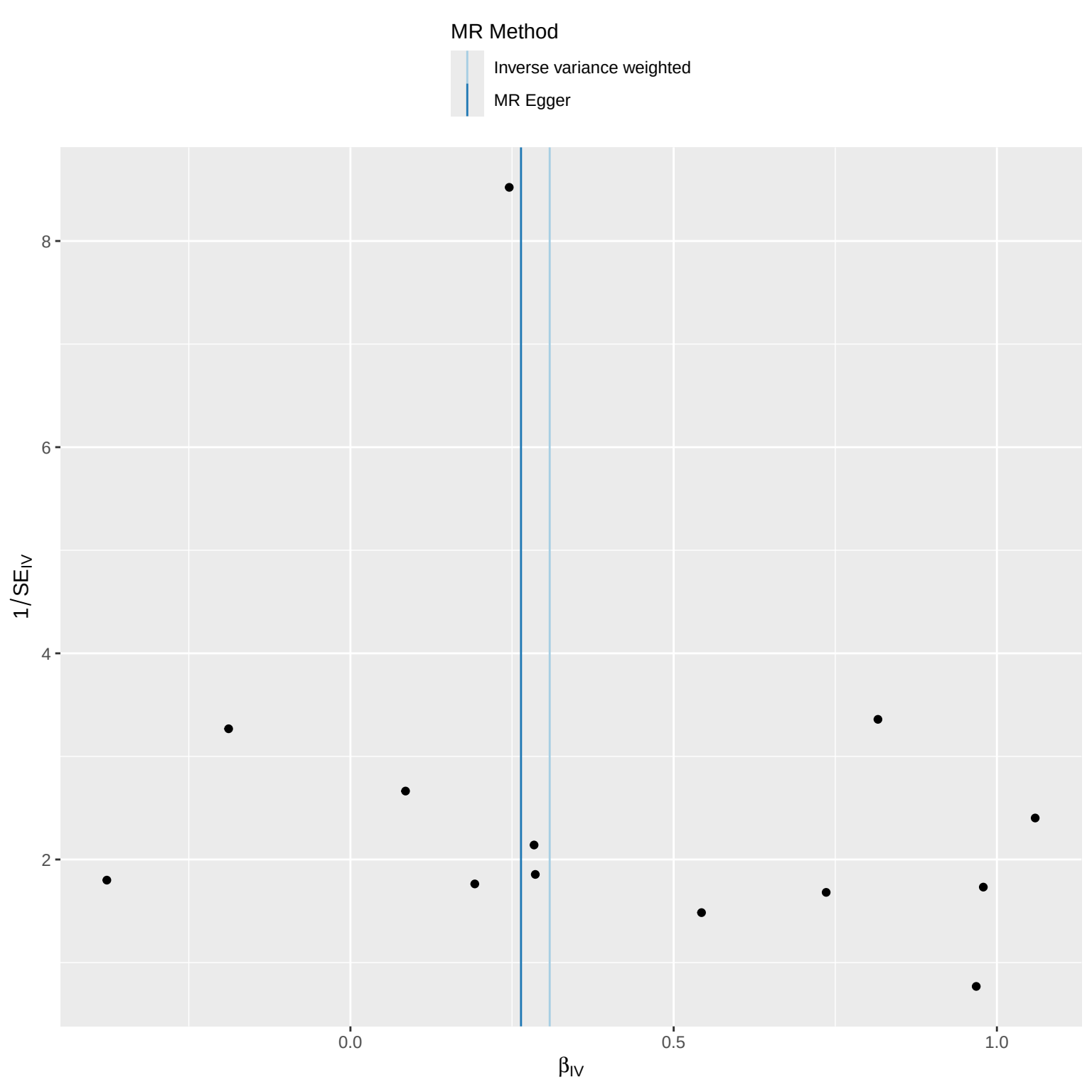

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

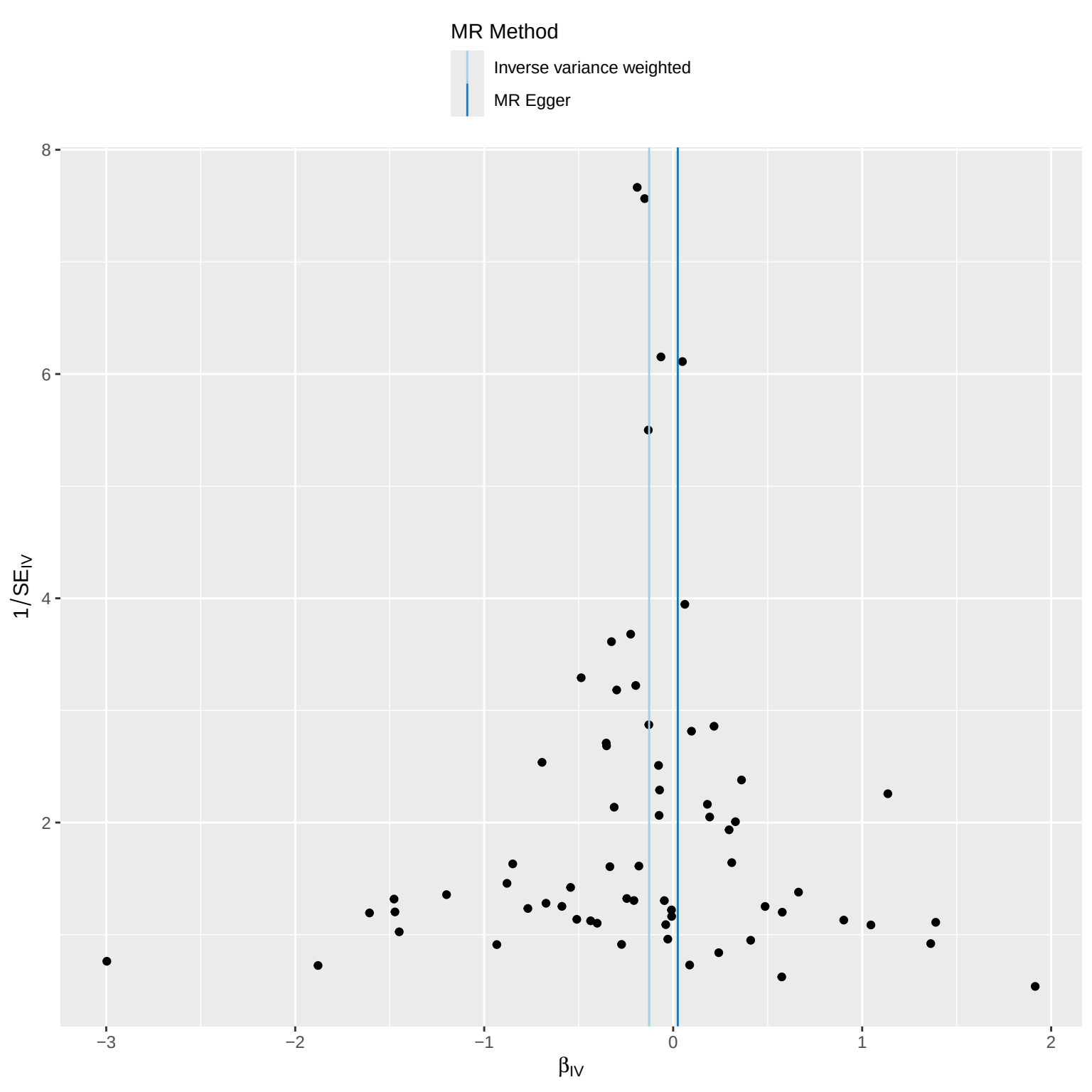

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

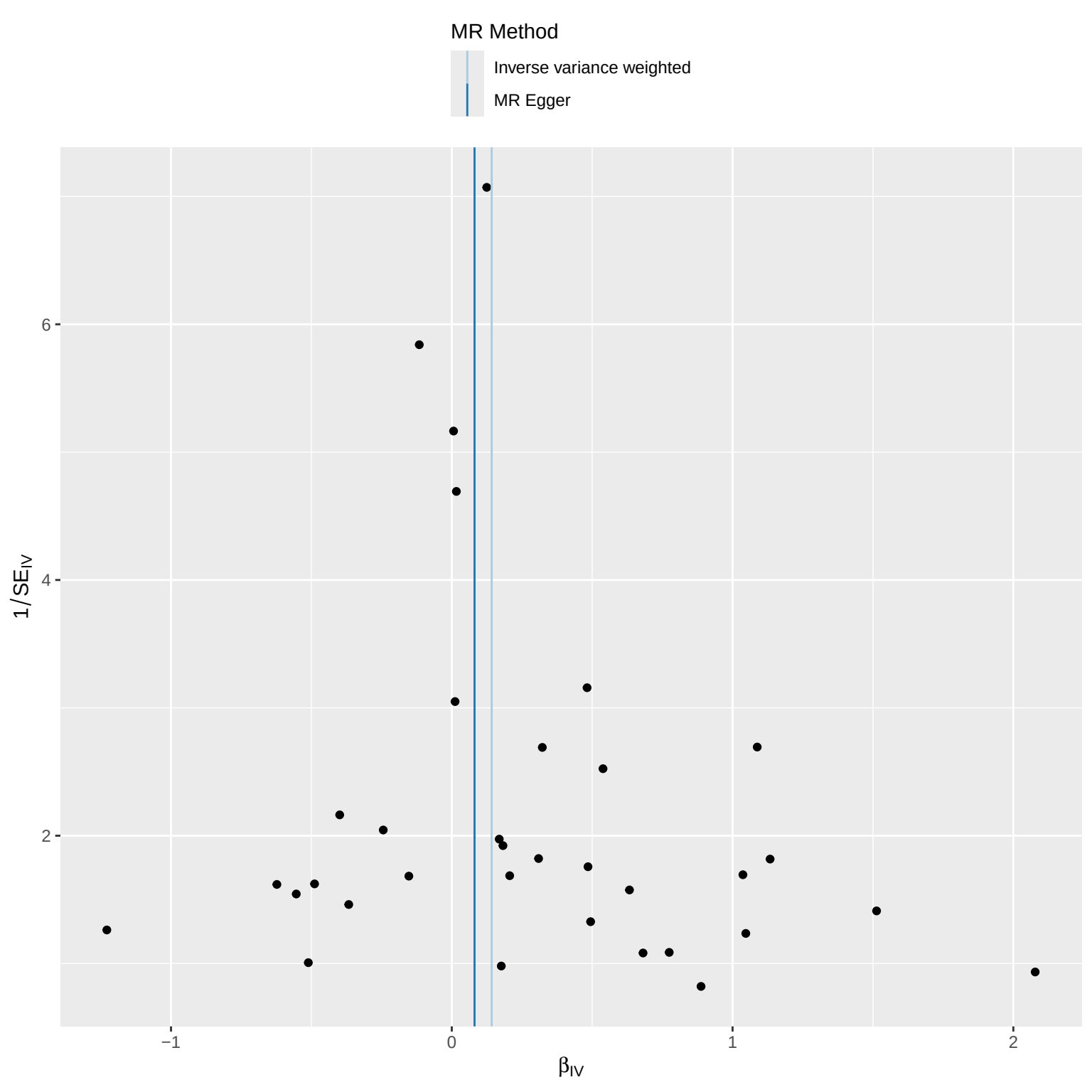

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

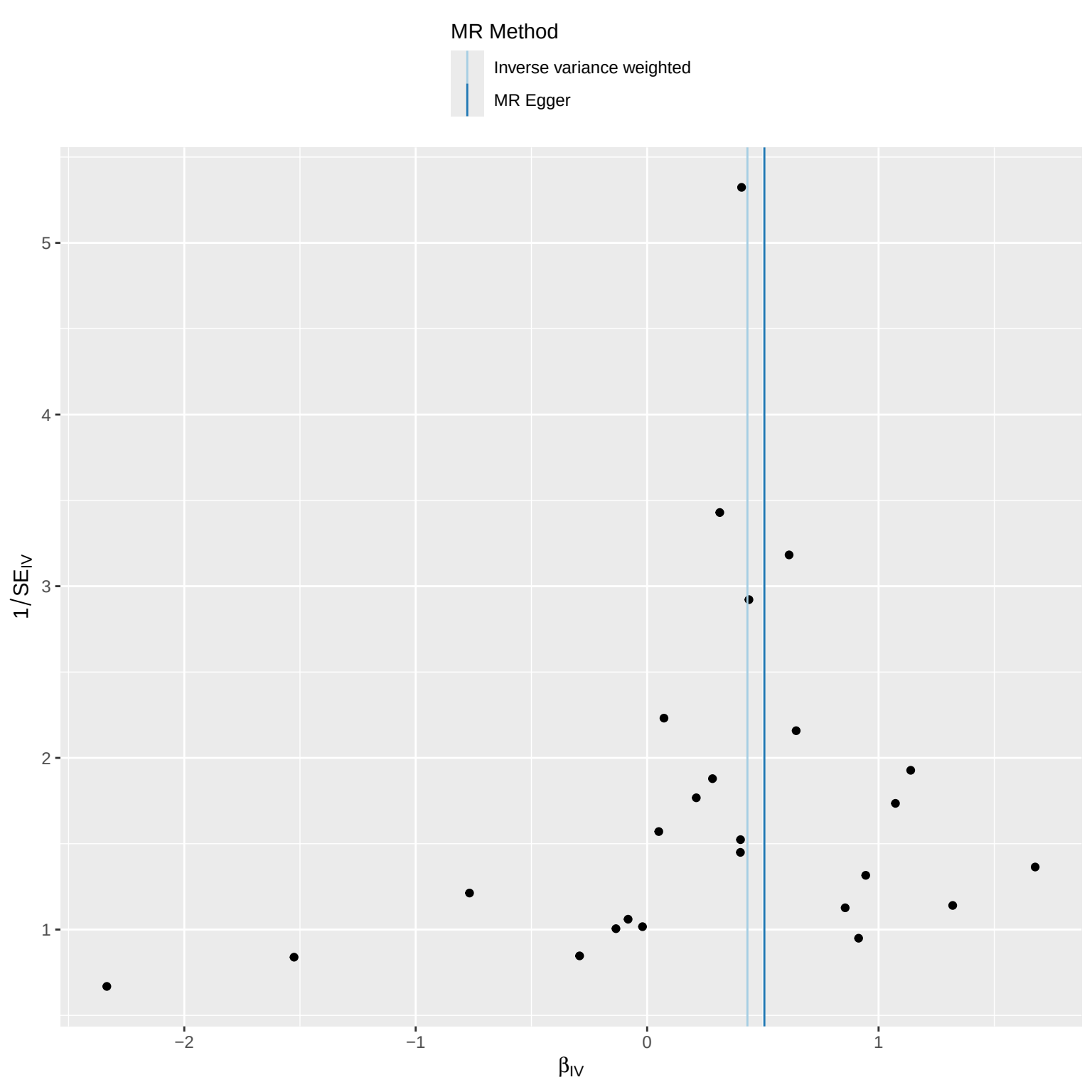

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

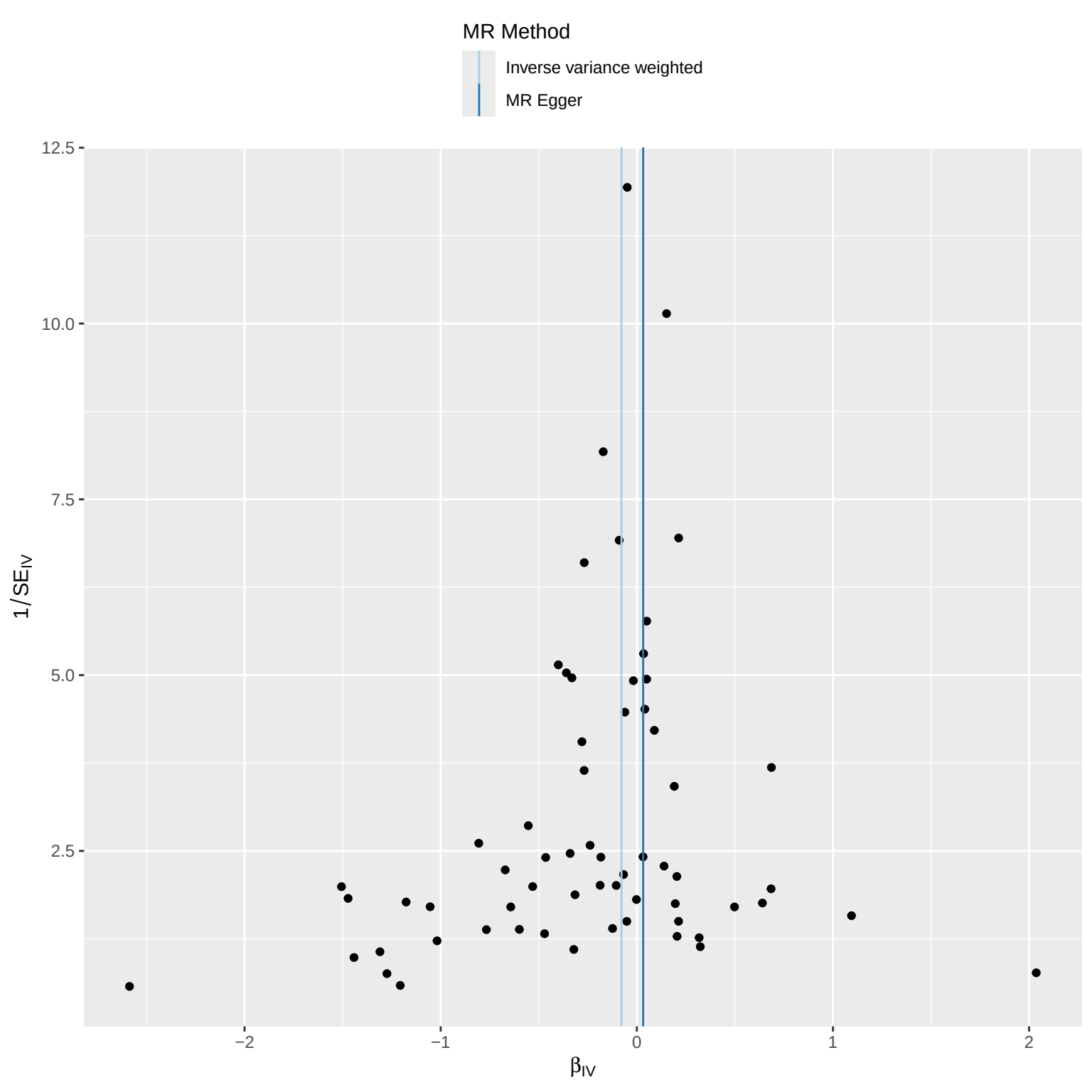

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

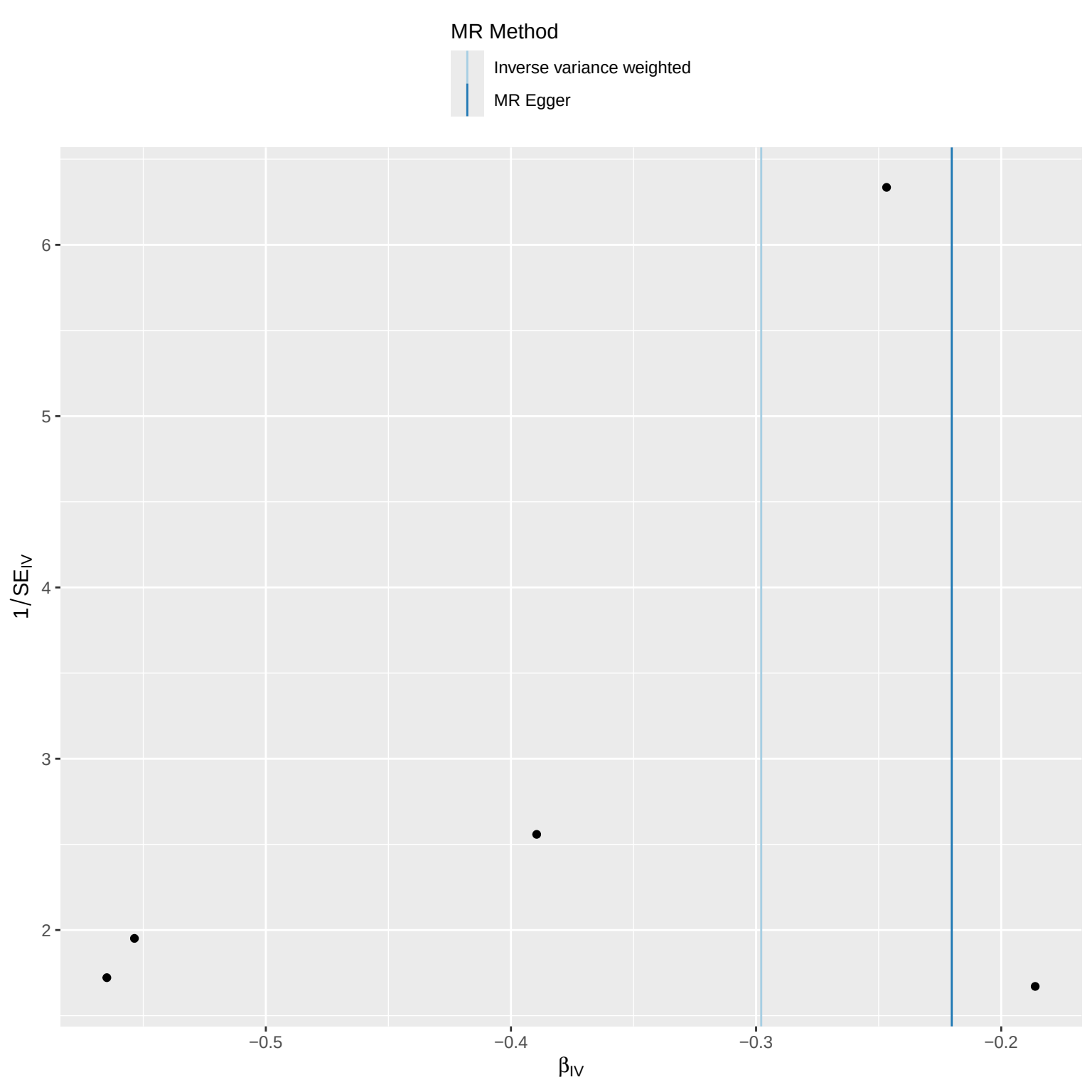

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.0
0.5
1.0
β_IV

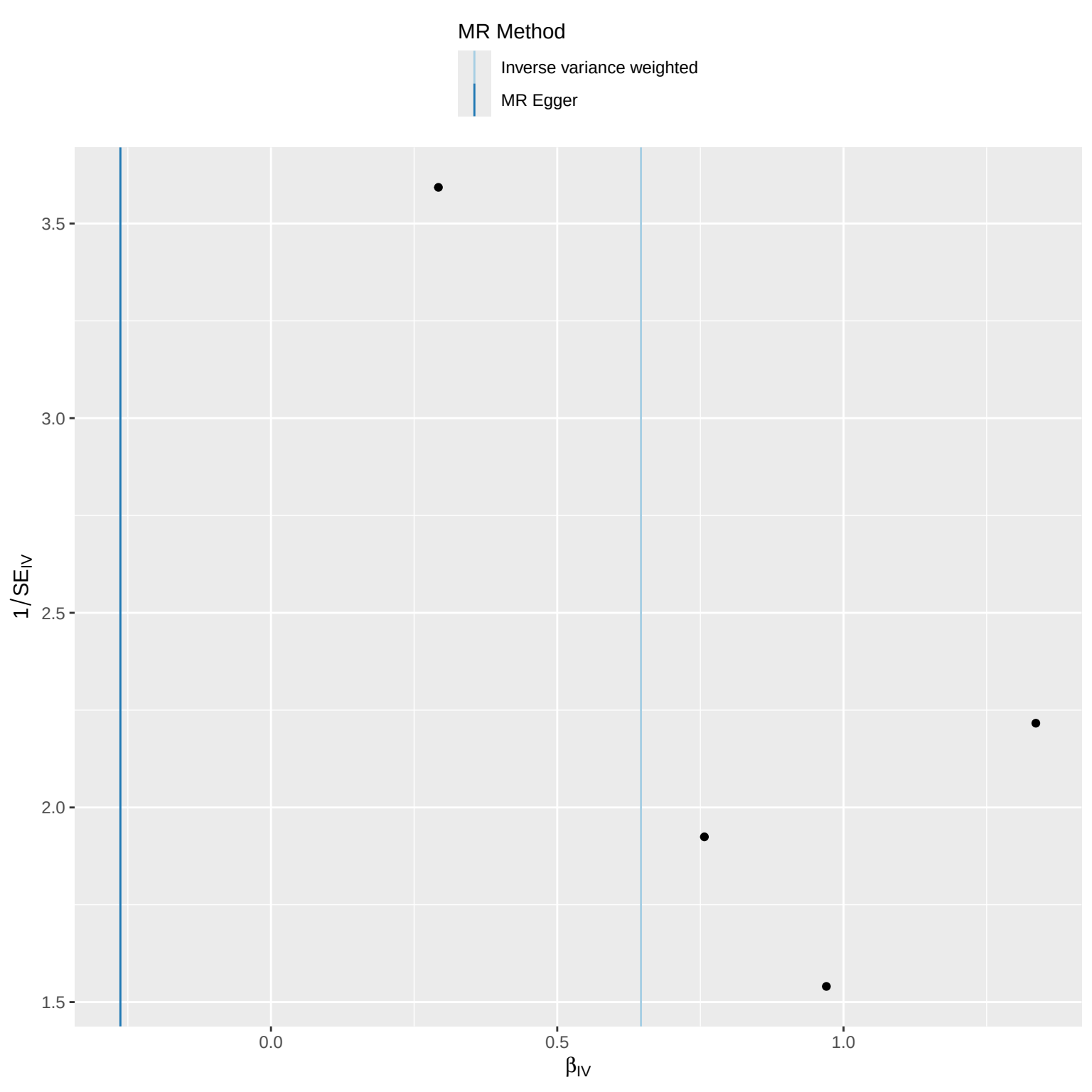

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

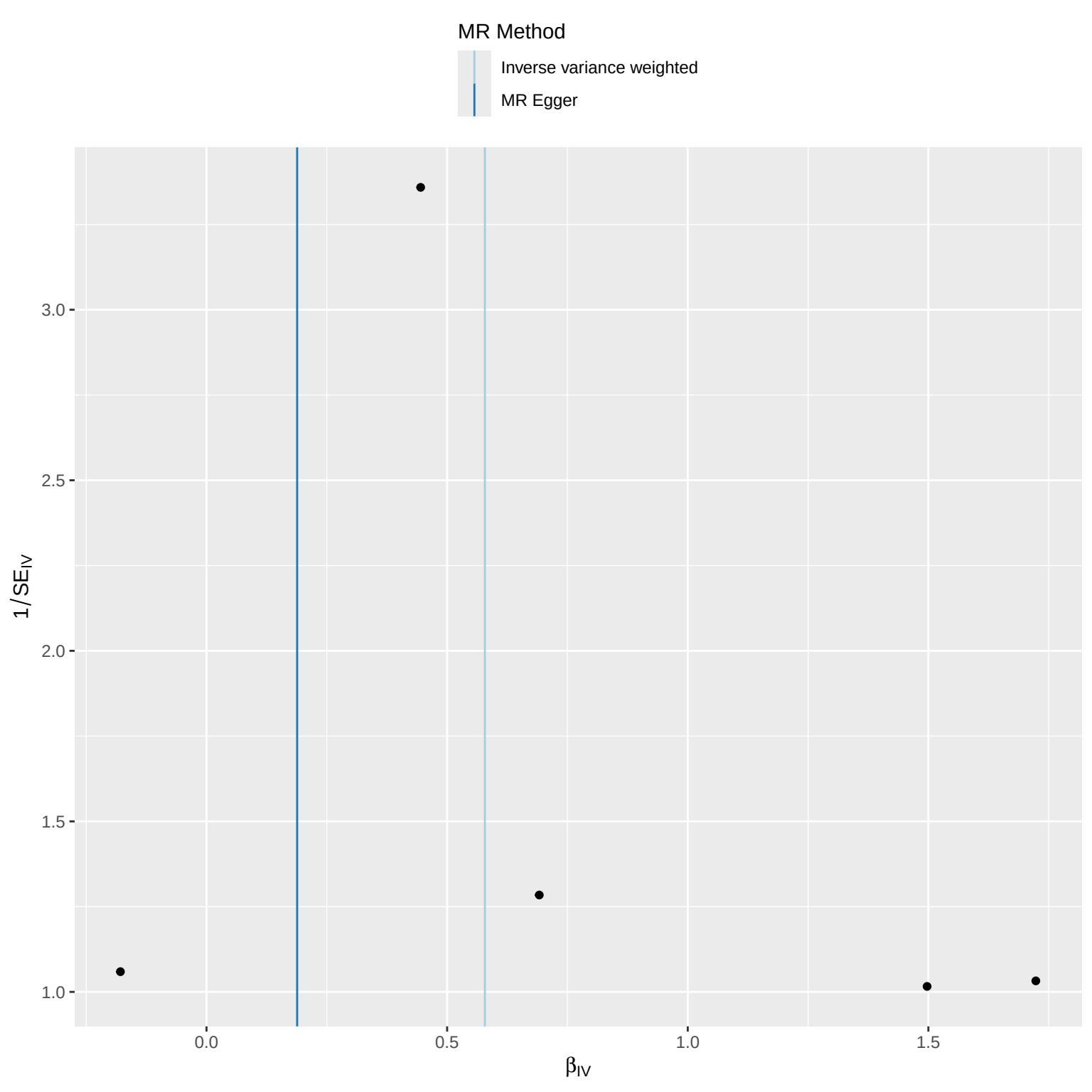

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

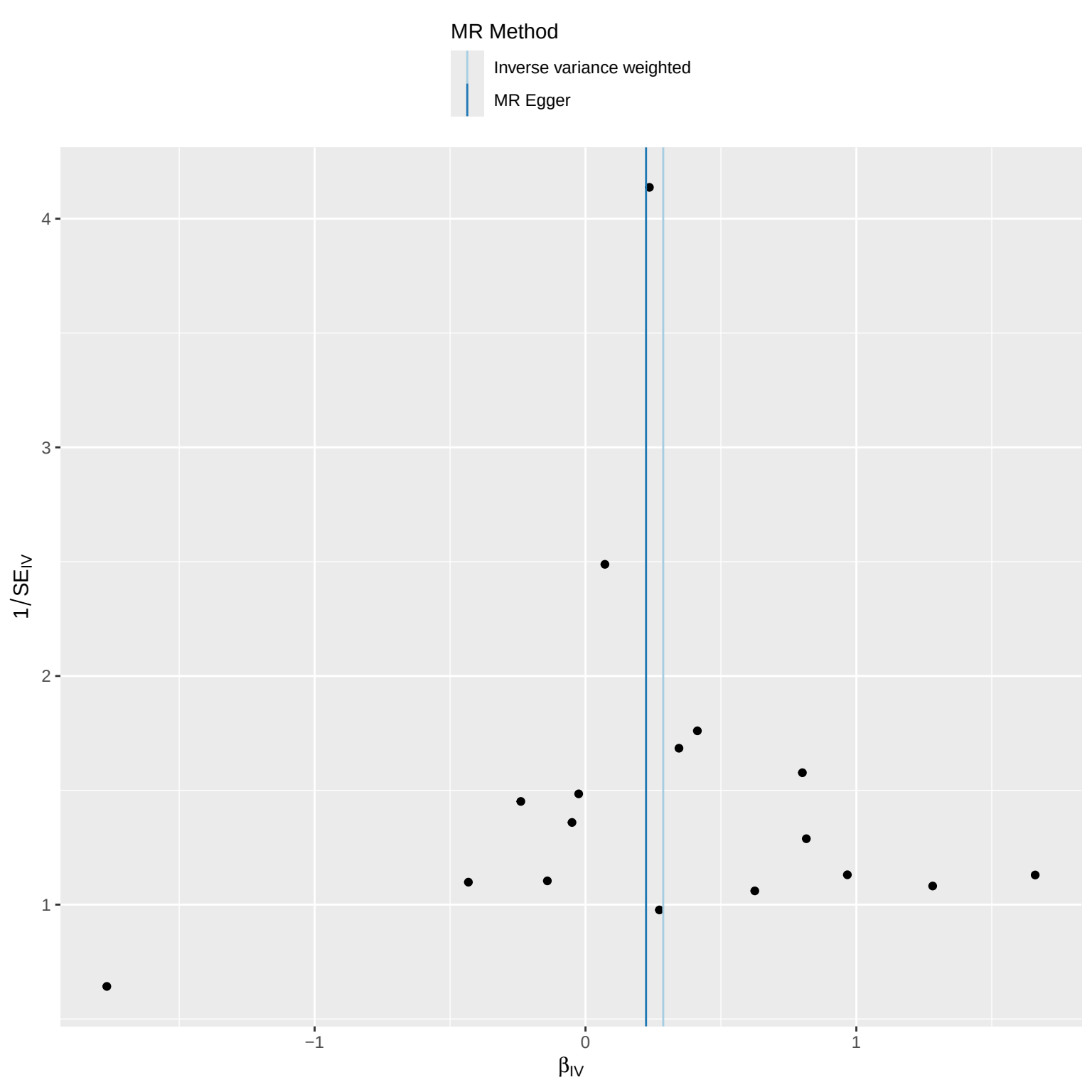

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

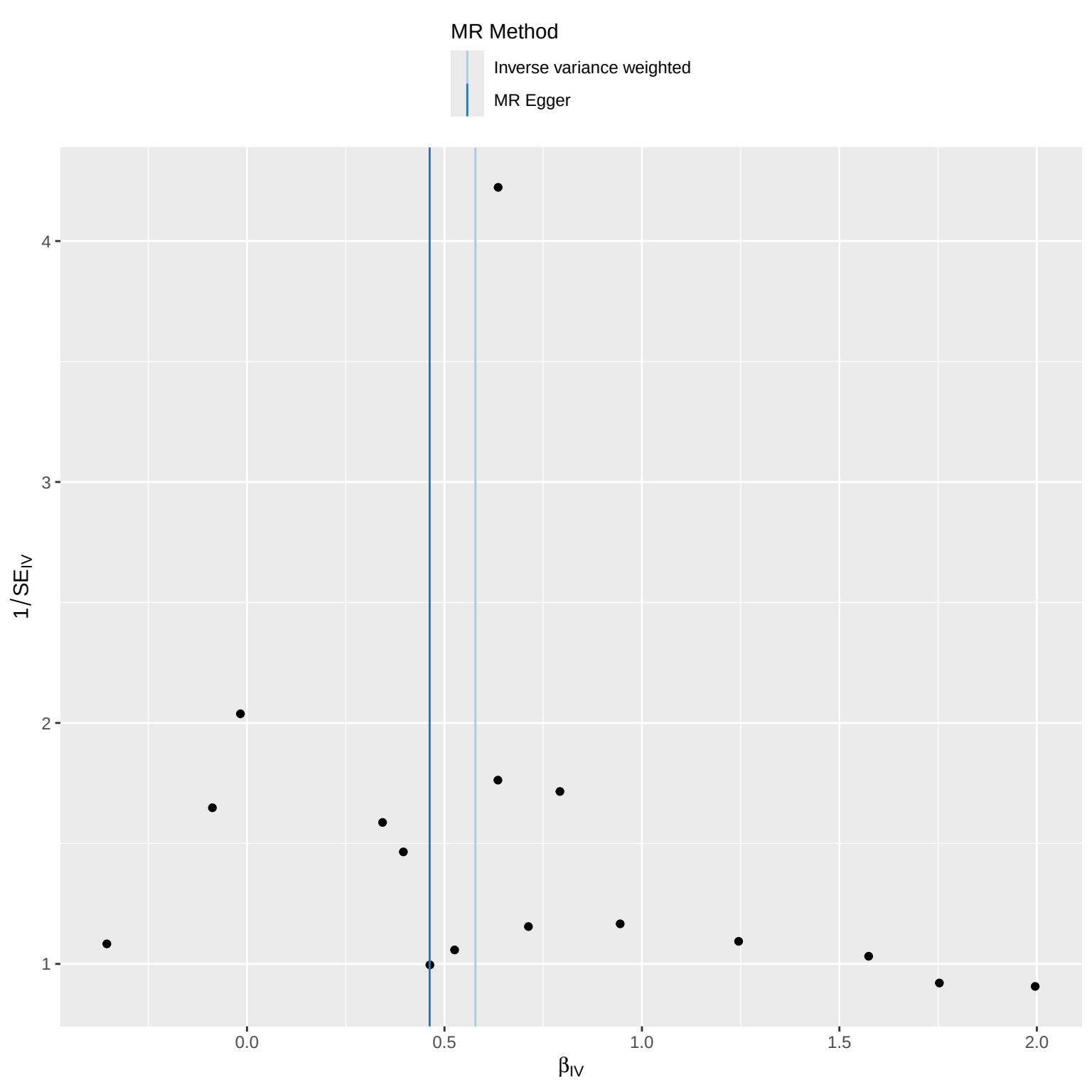

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

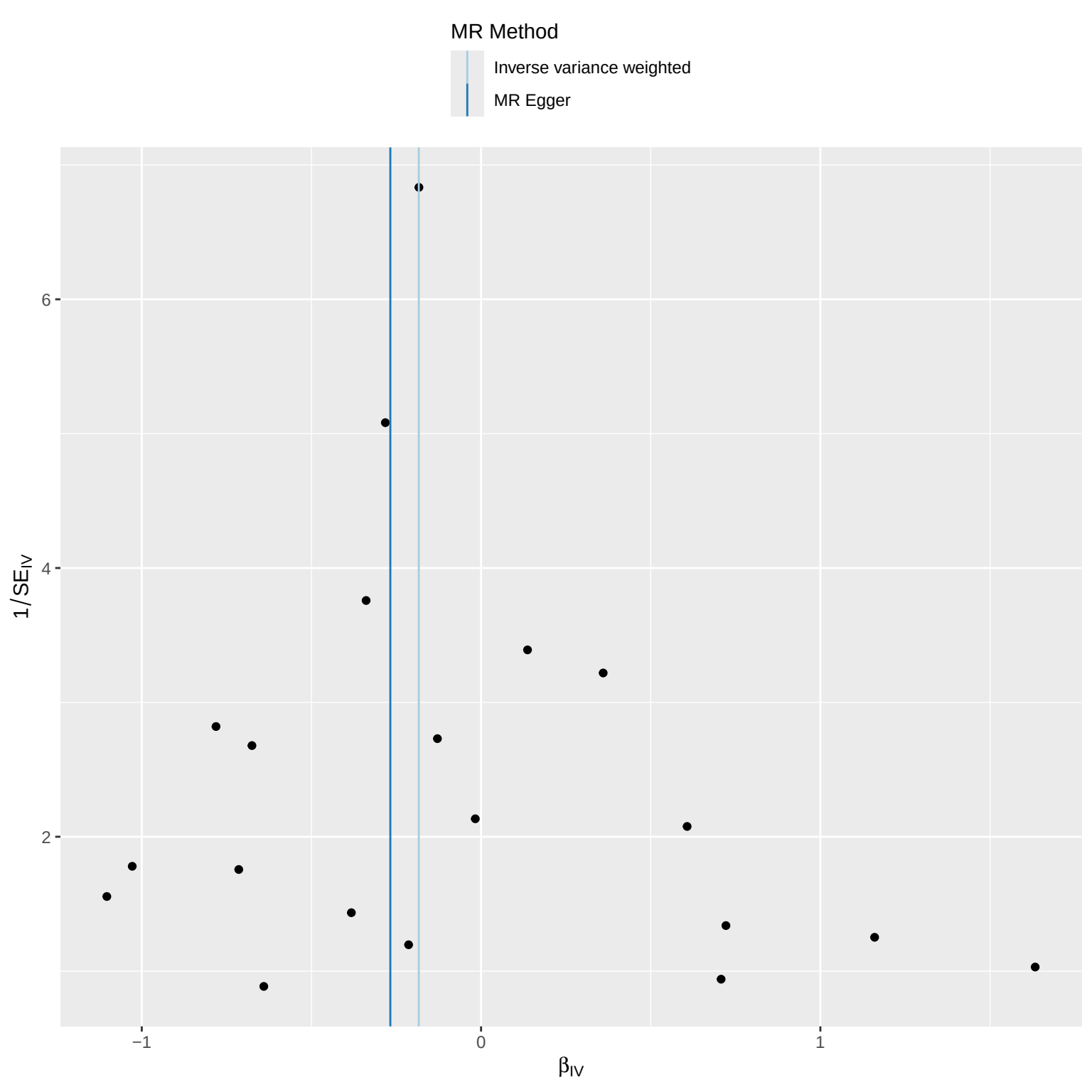

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.5
−0.4
−0.3
−0.2
β_IV

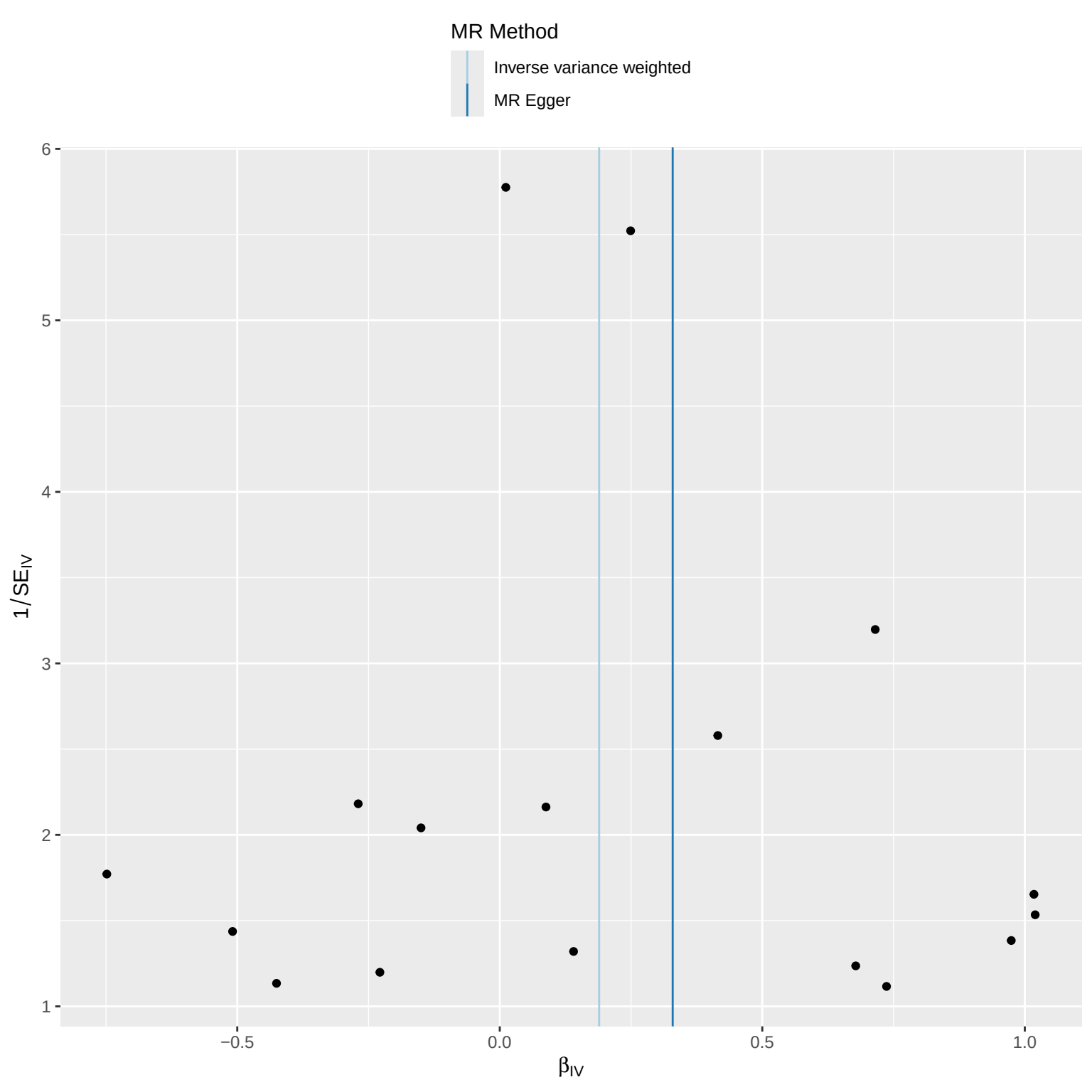

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
0.0
0.5
1.0
β_IV

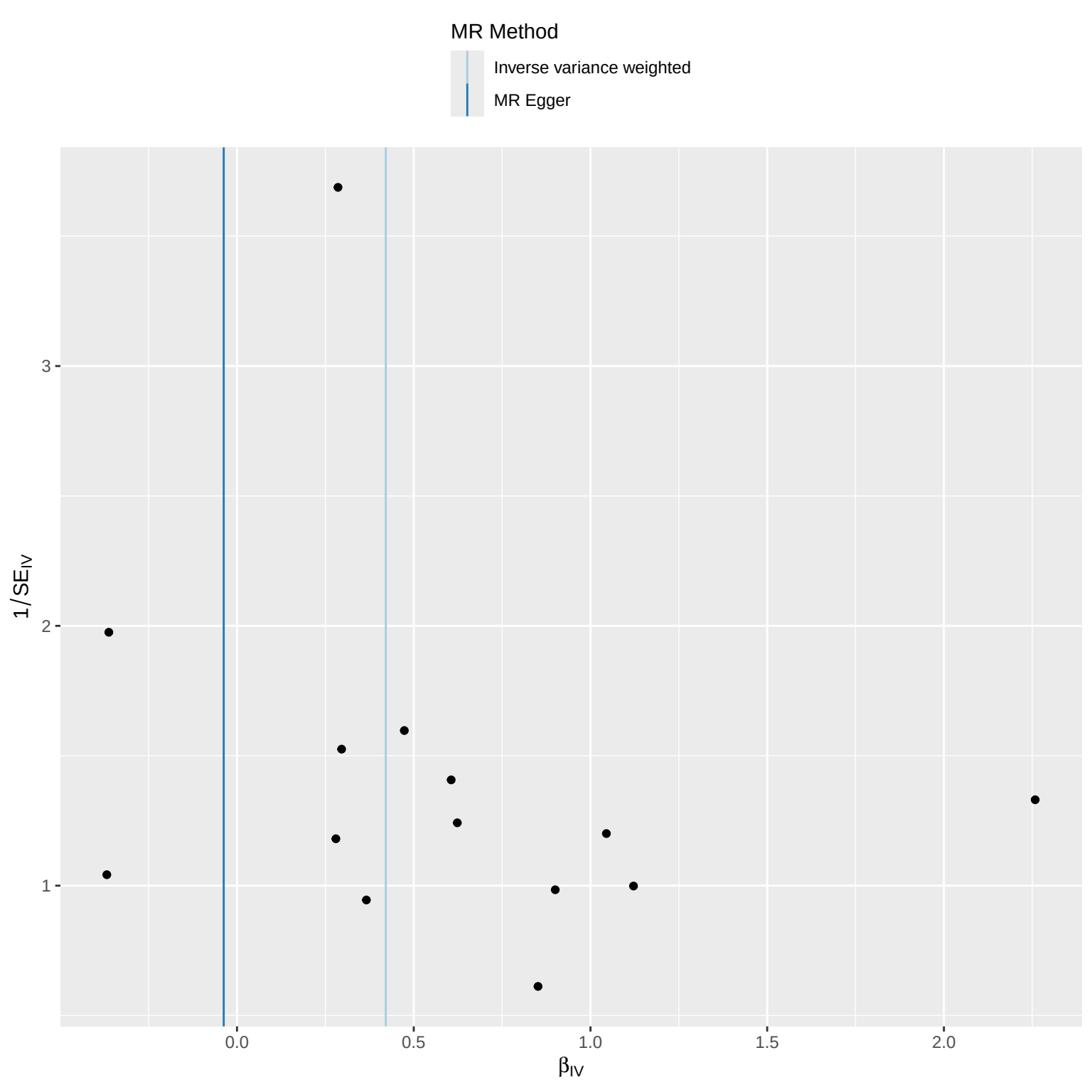

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

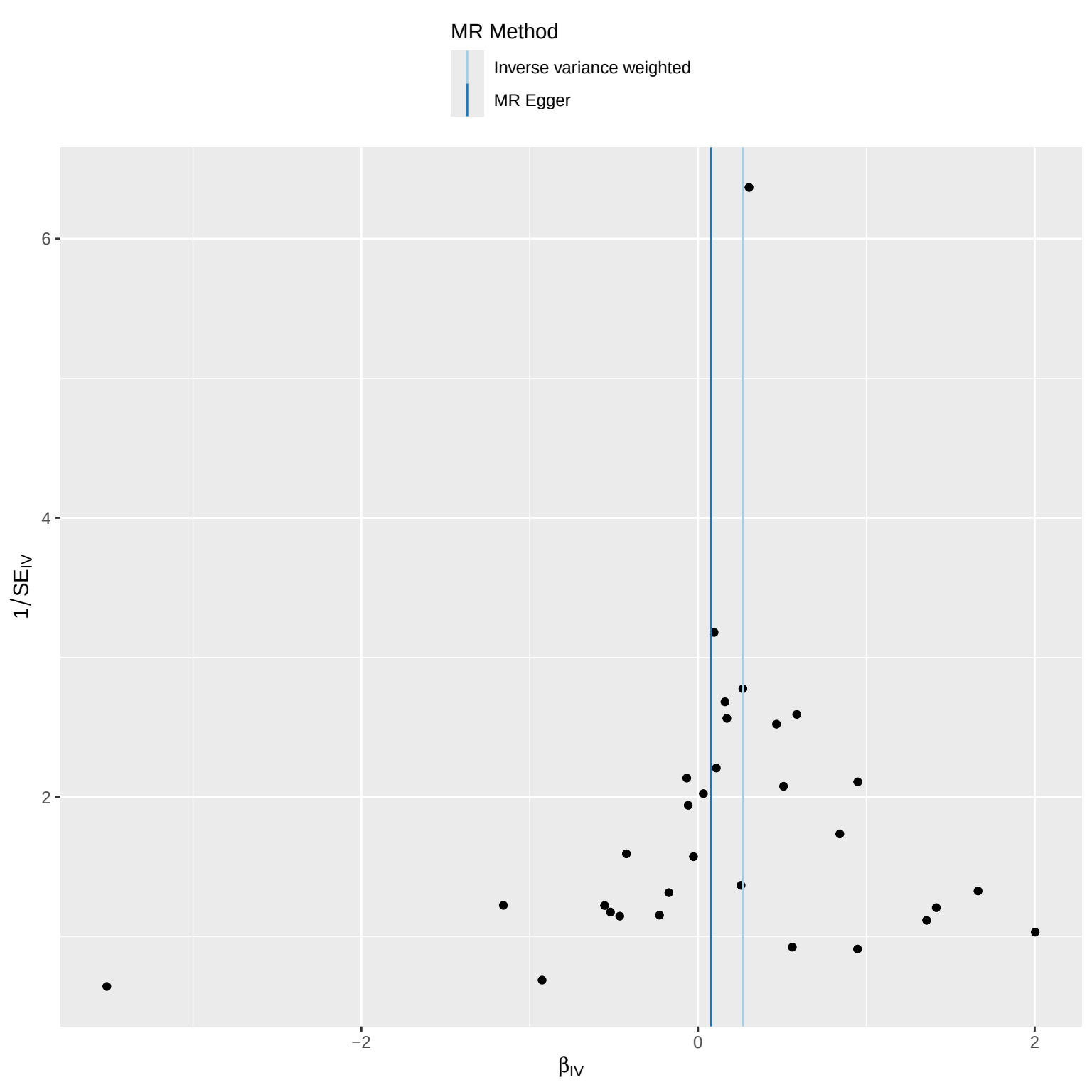

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

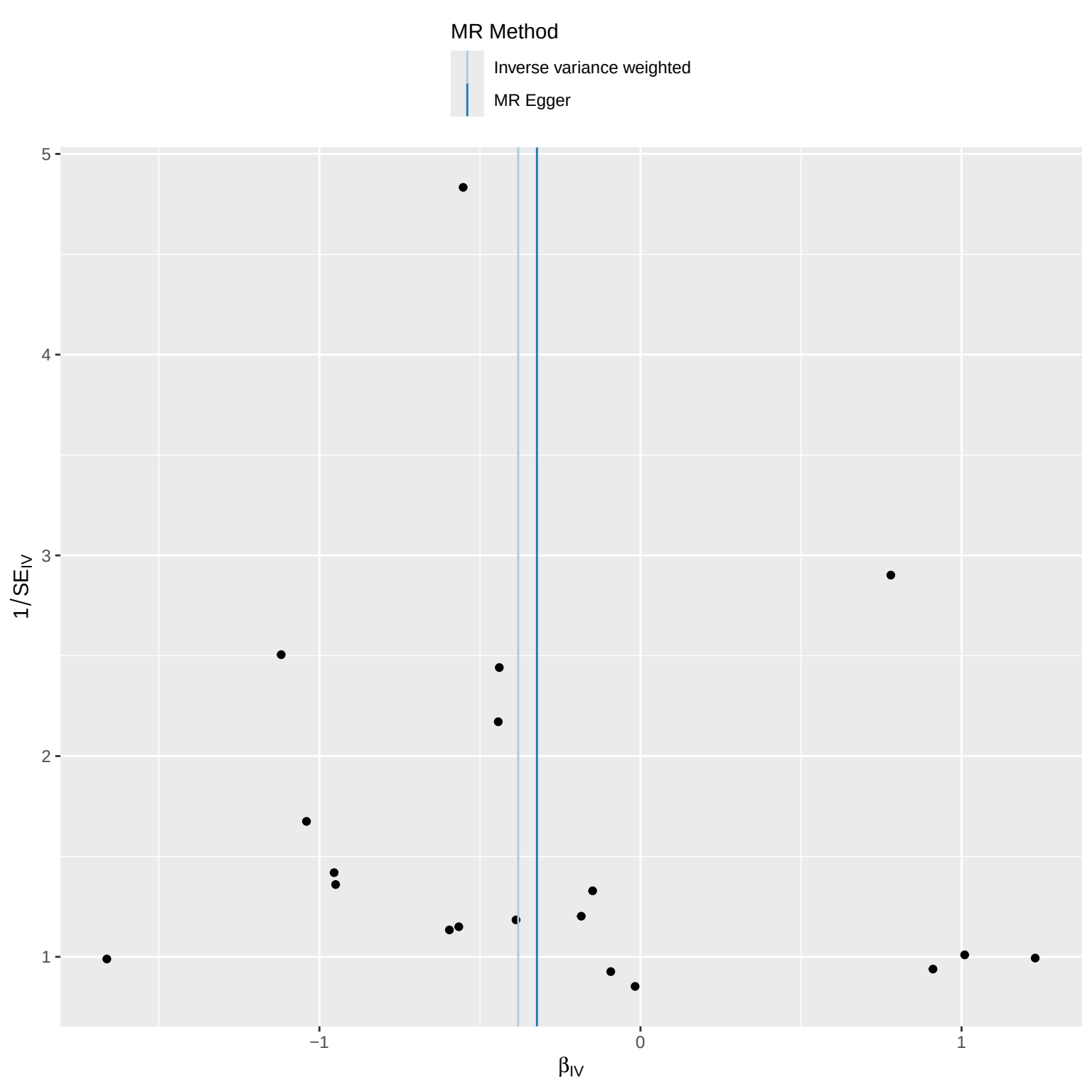

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

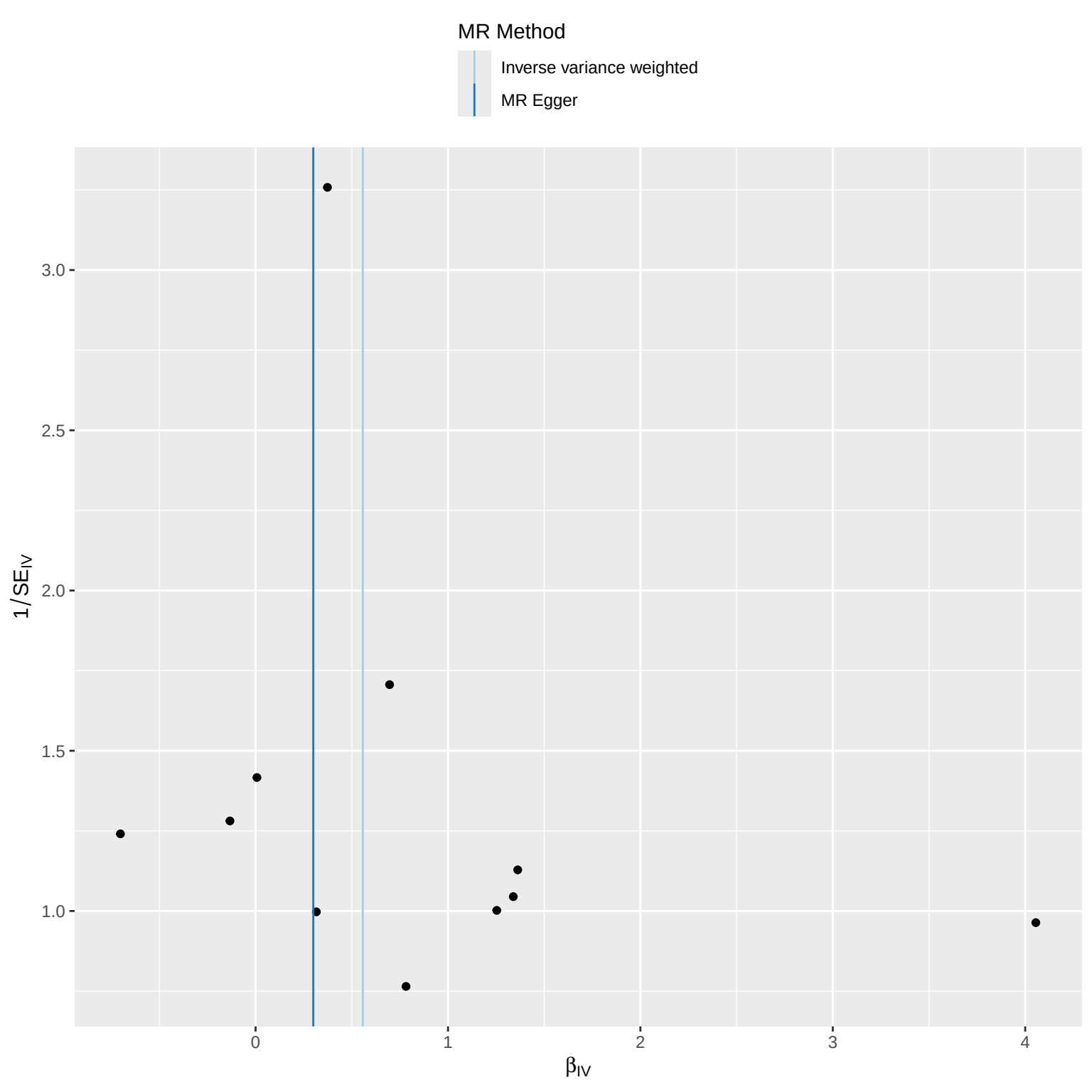

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

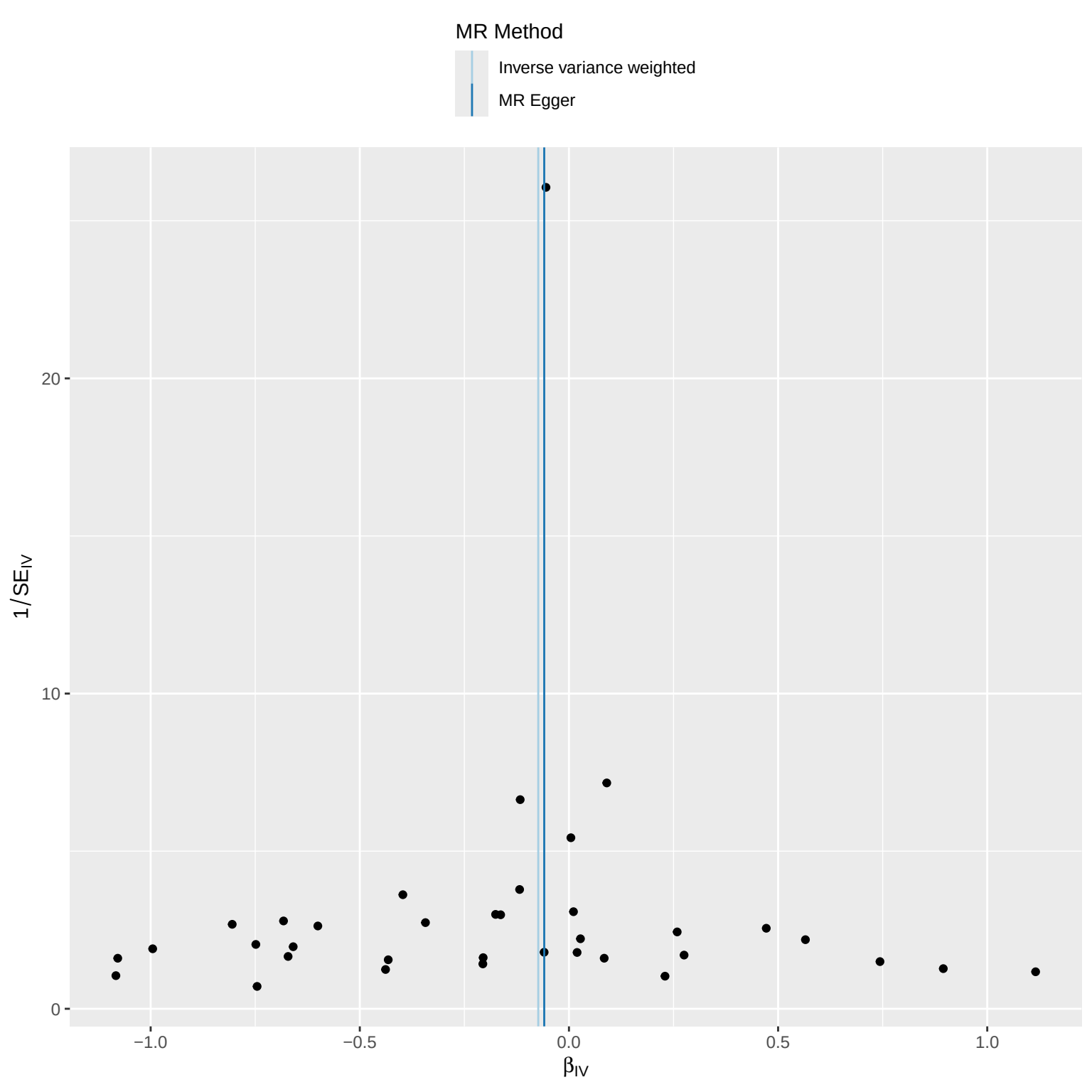

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

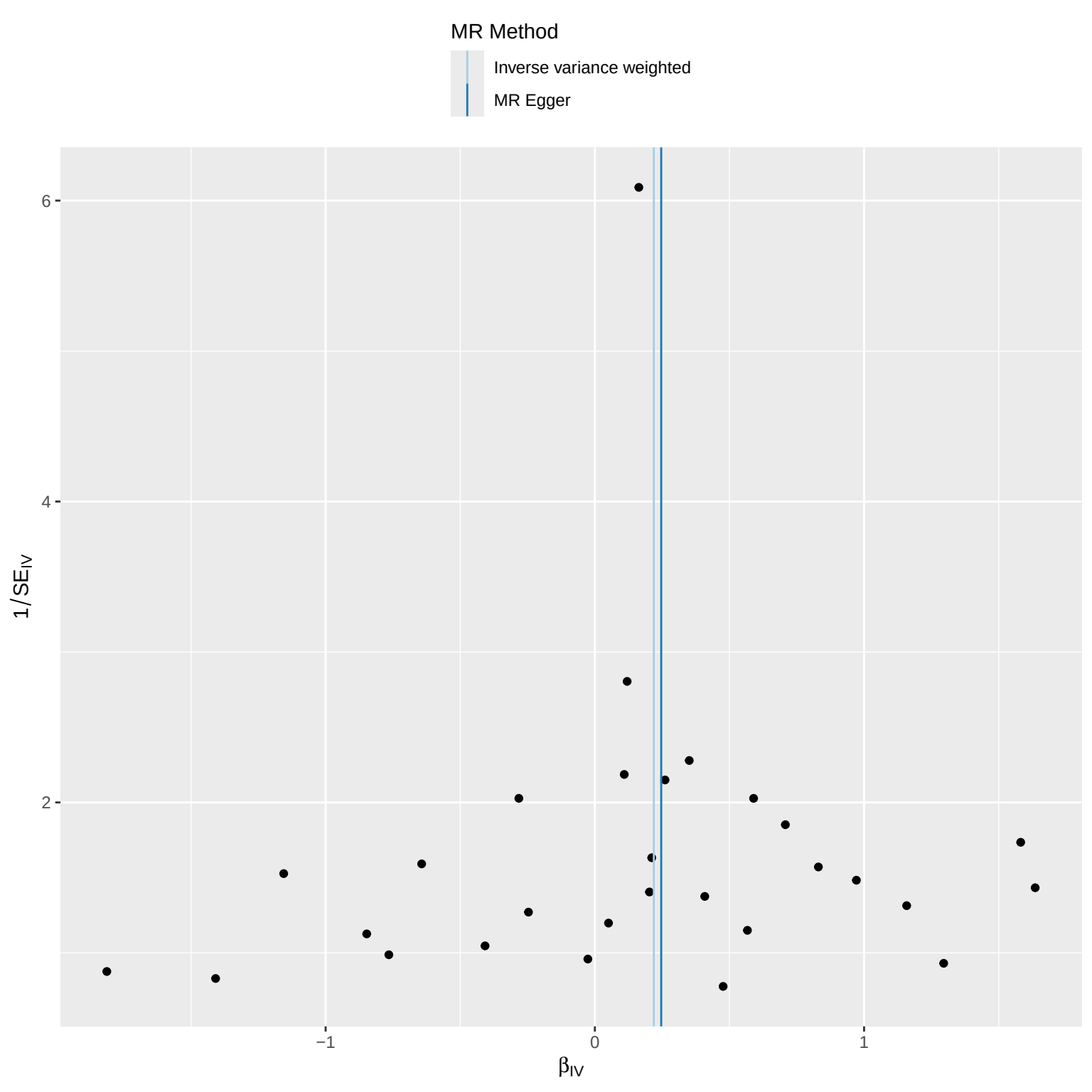

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

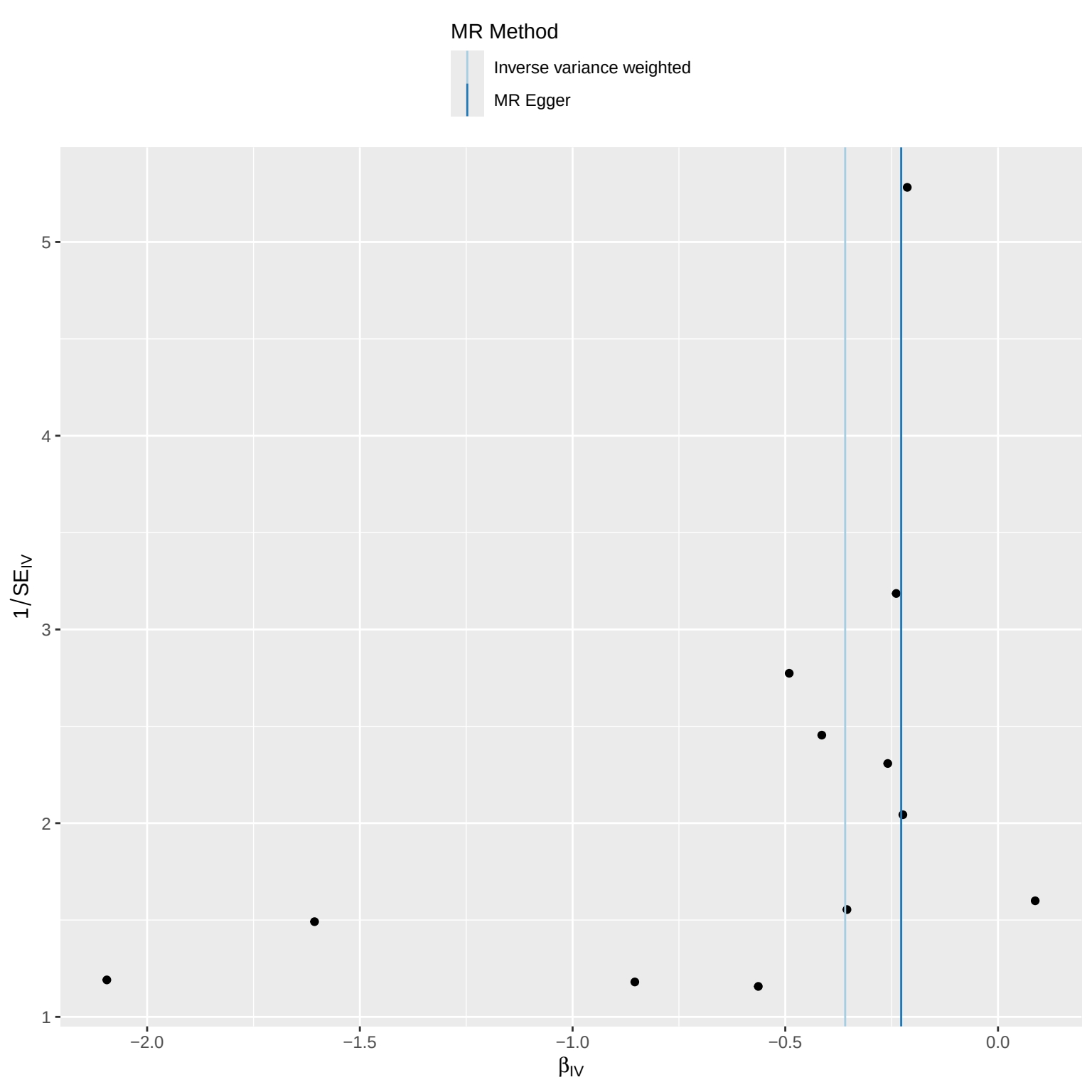

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

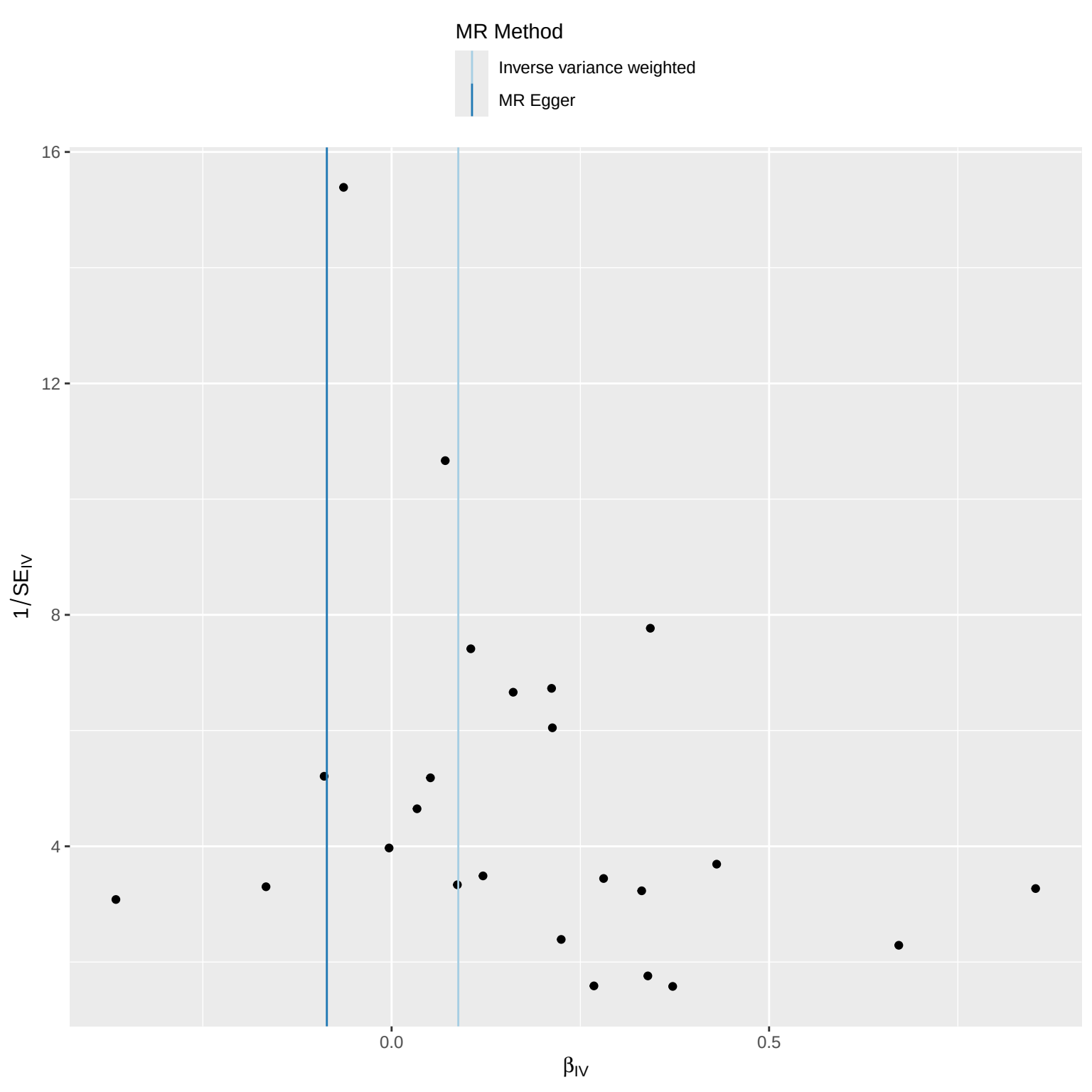

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

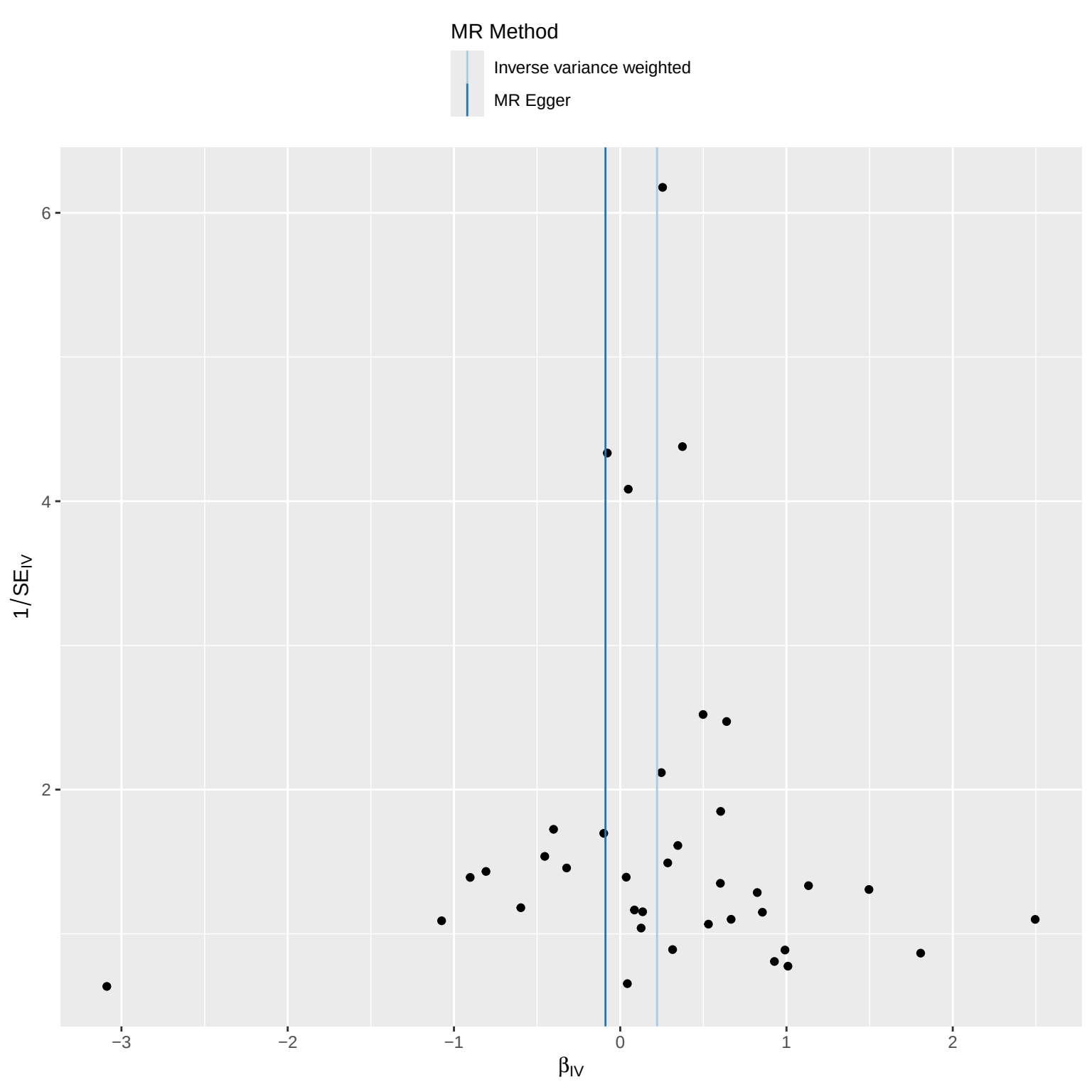

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
3
4
β_IV

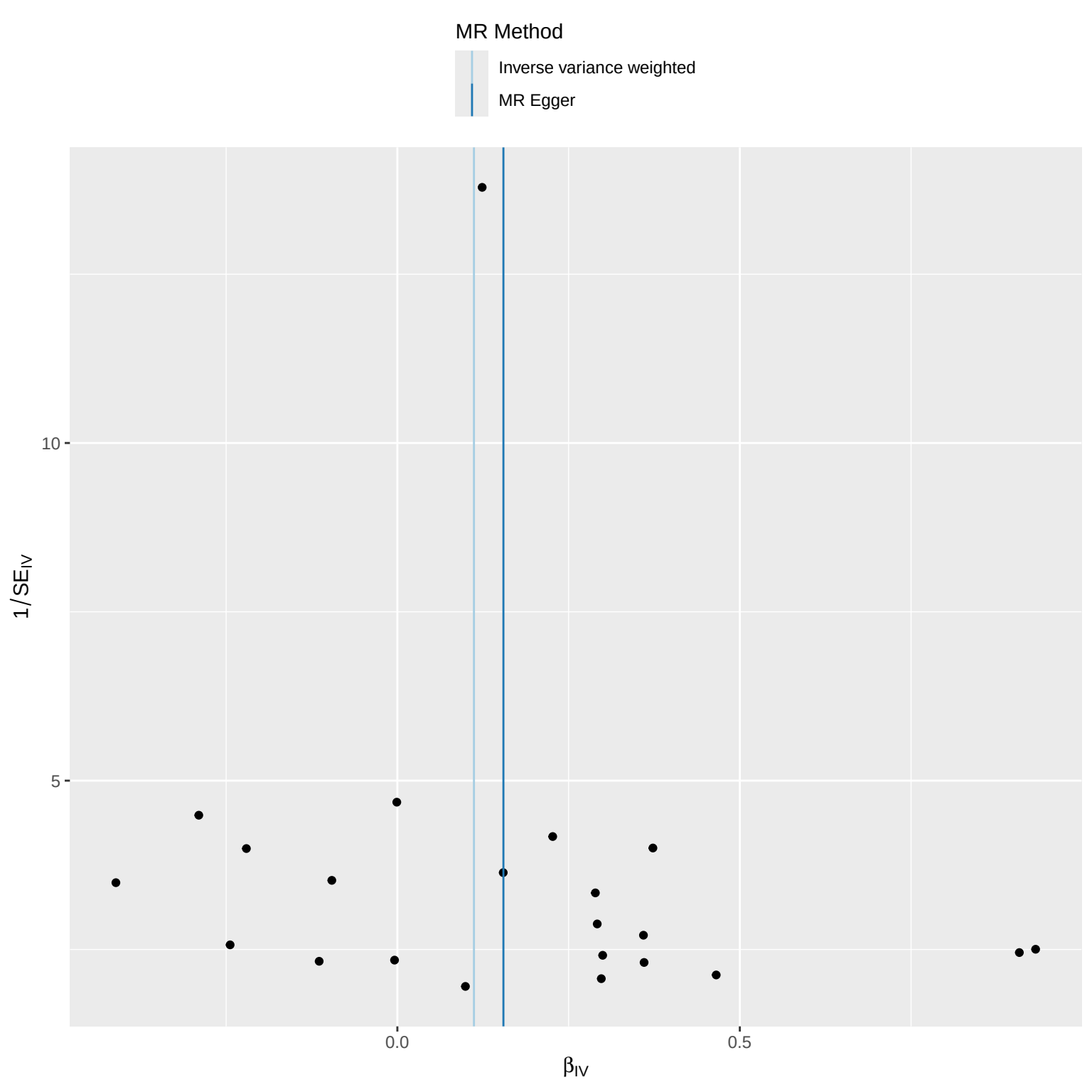

MR Method
Inverse variance weighted
MR Egger
20
10
0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

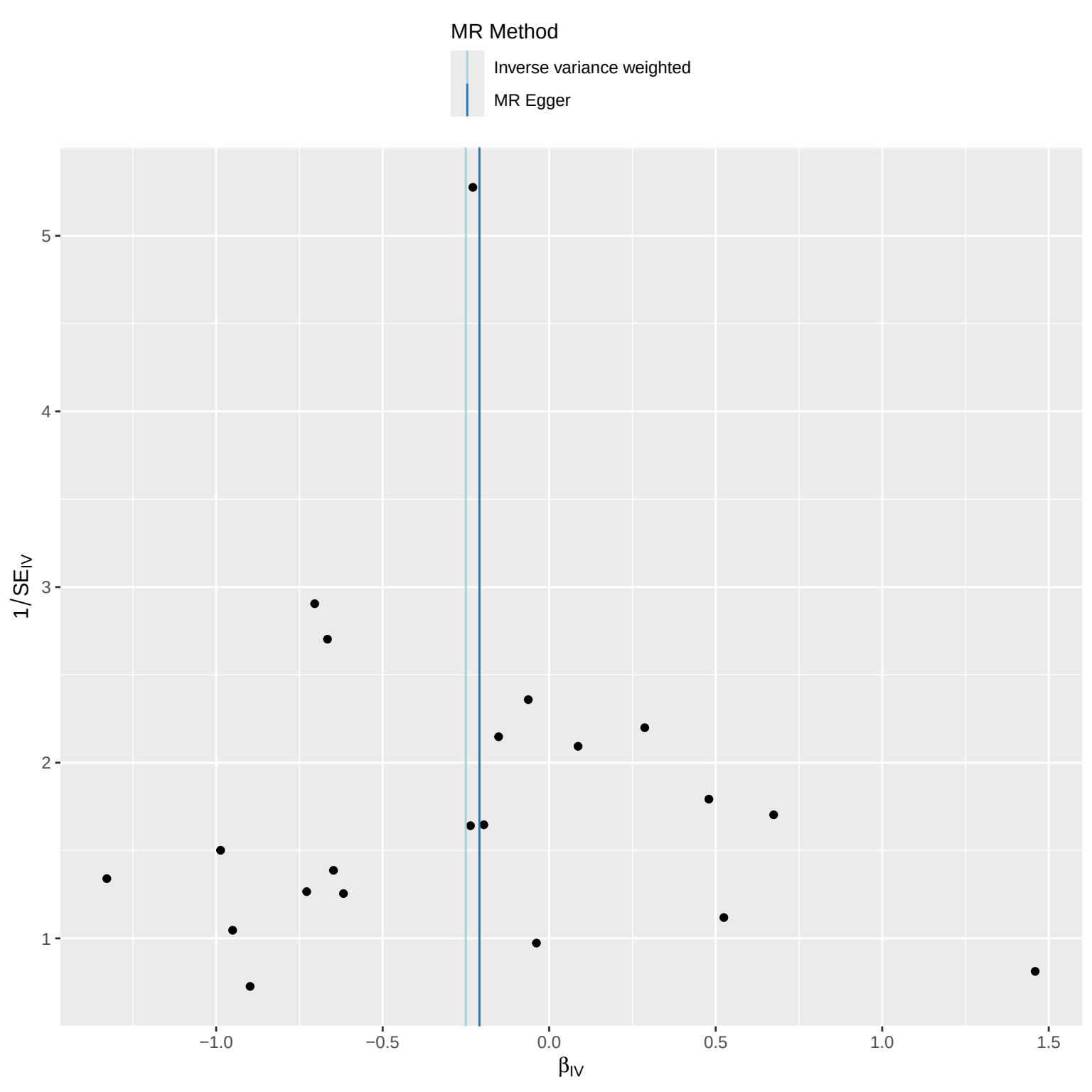

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

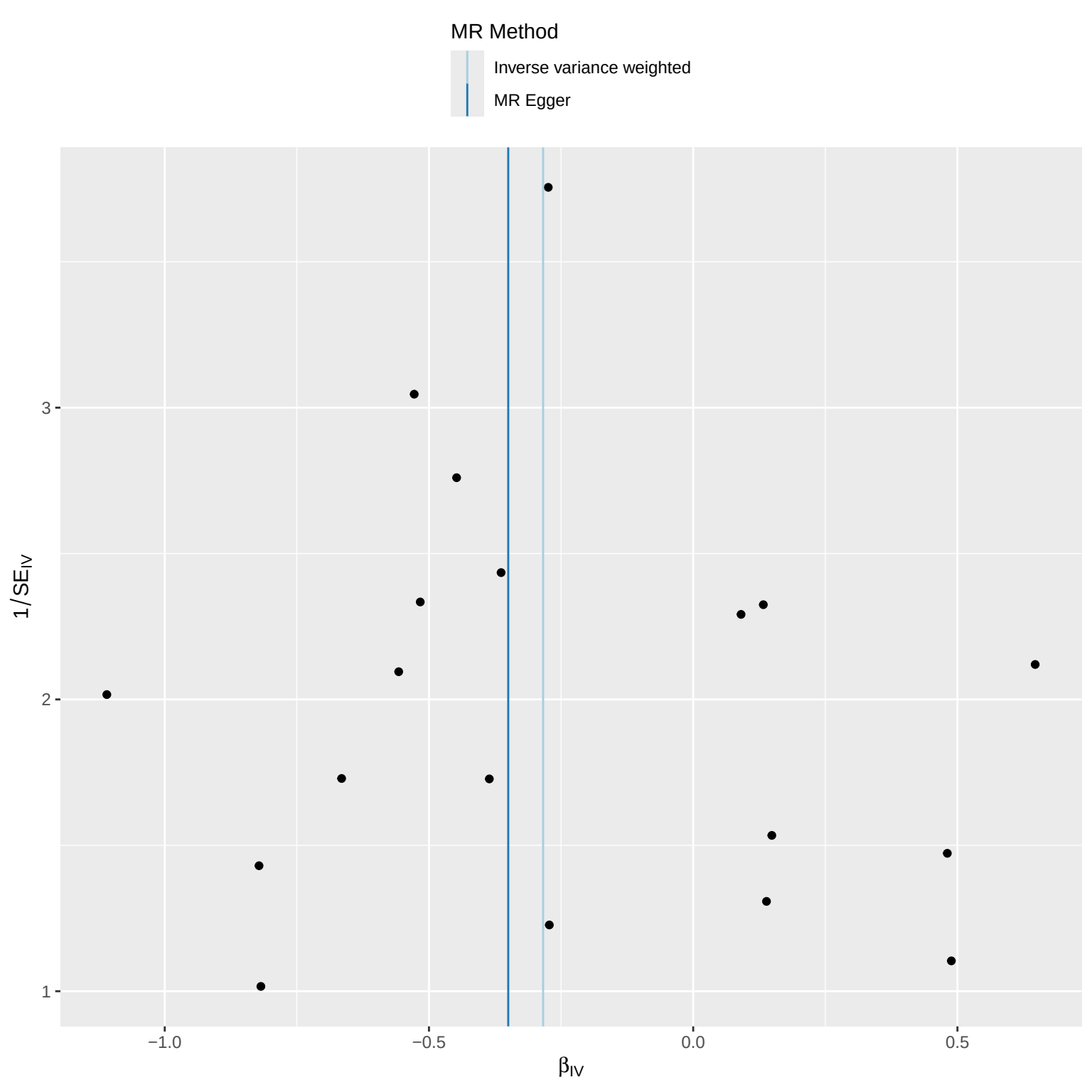

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

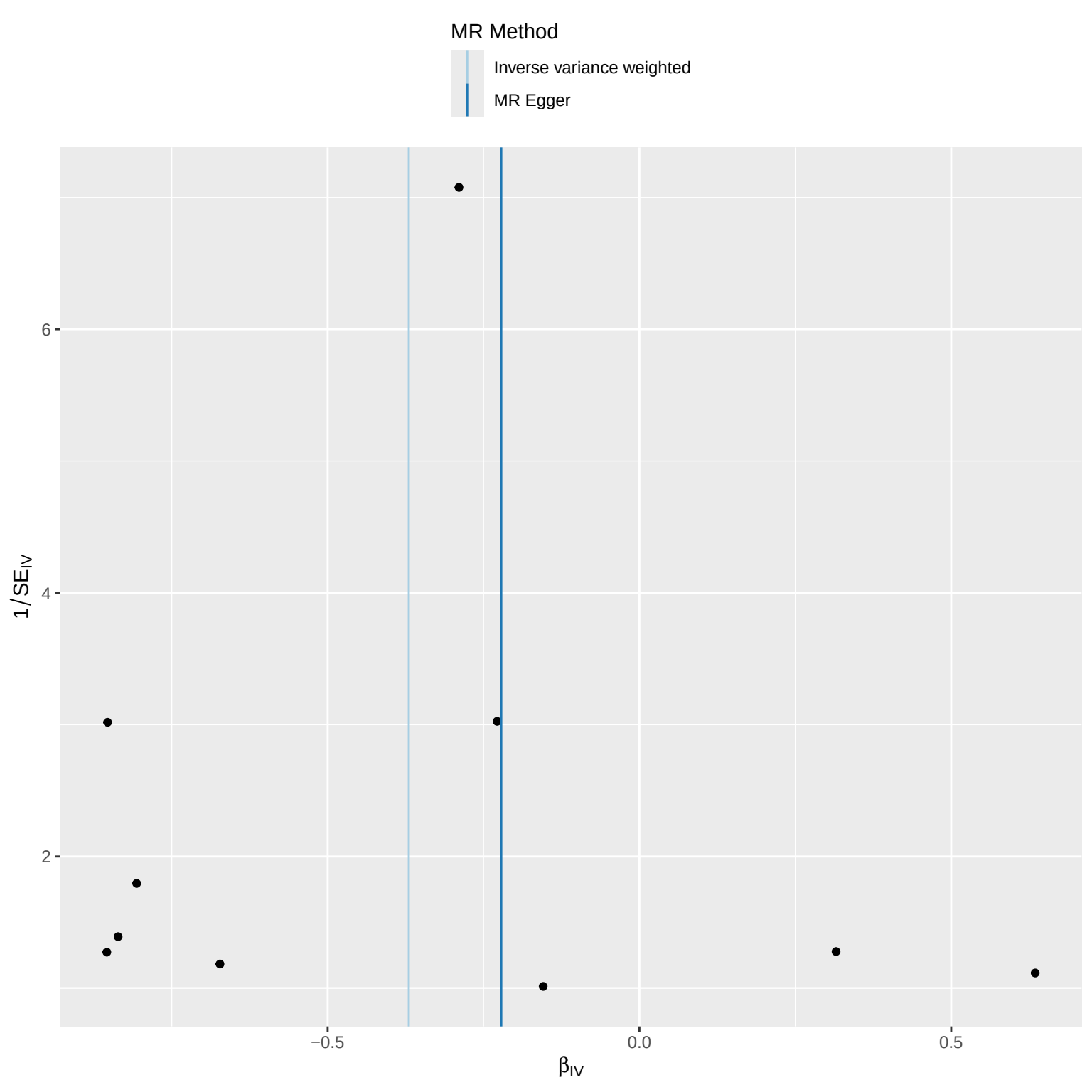

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
0.0
0.5
β_IV

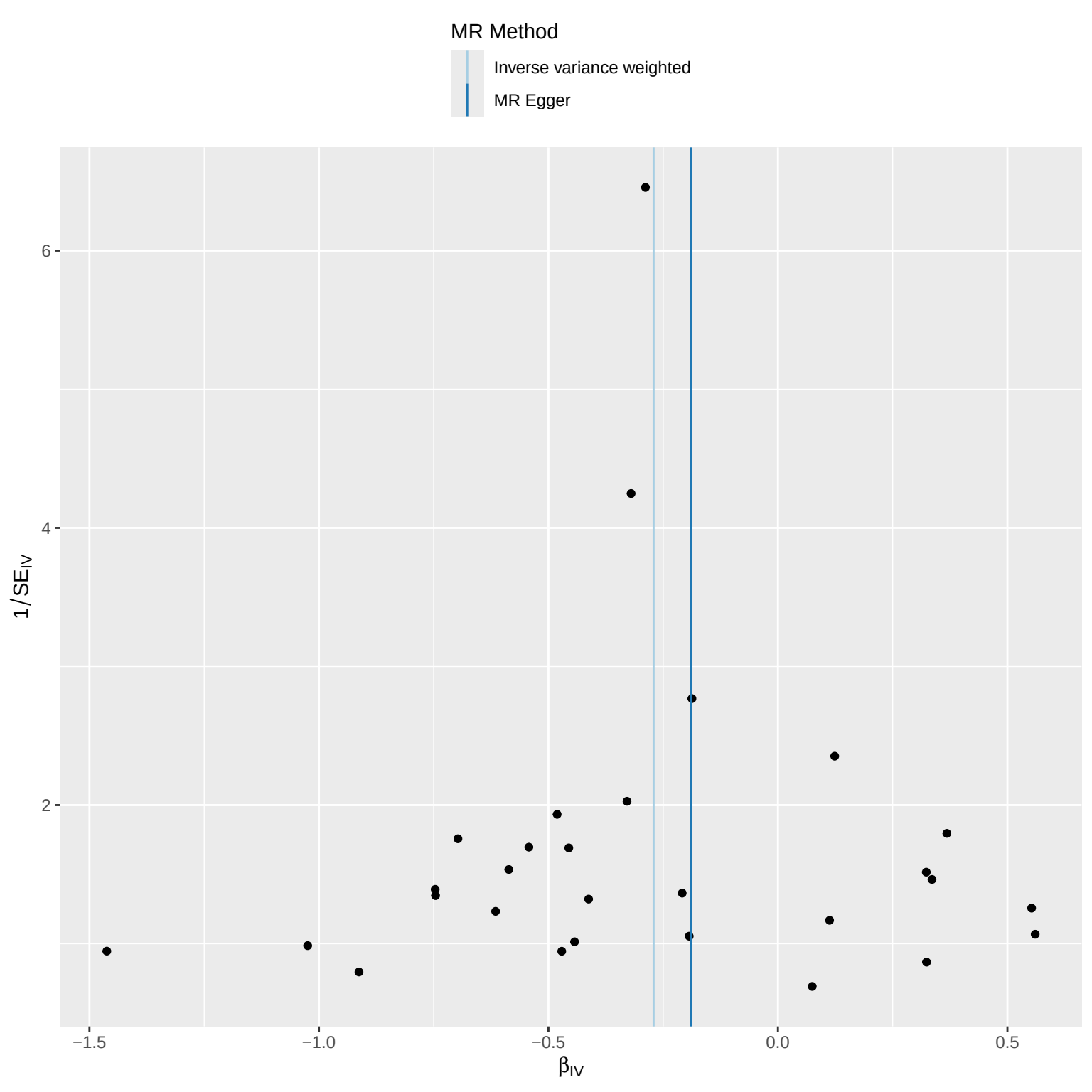

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

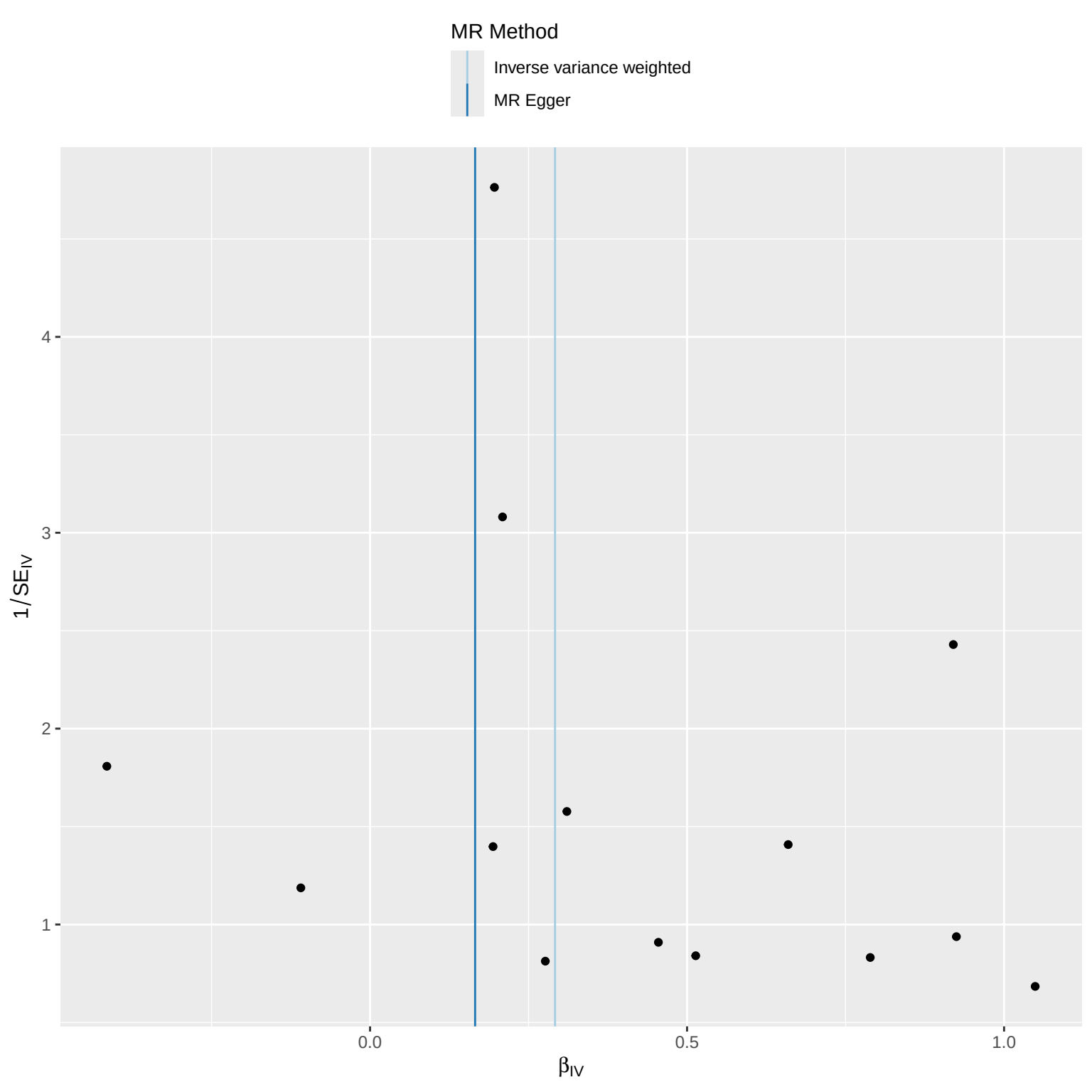

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
0.0
0.5
β_IV

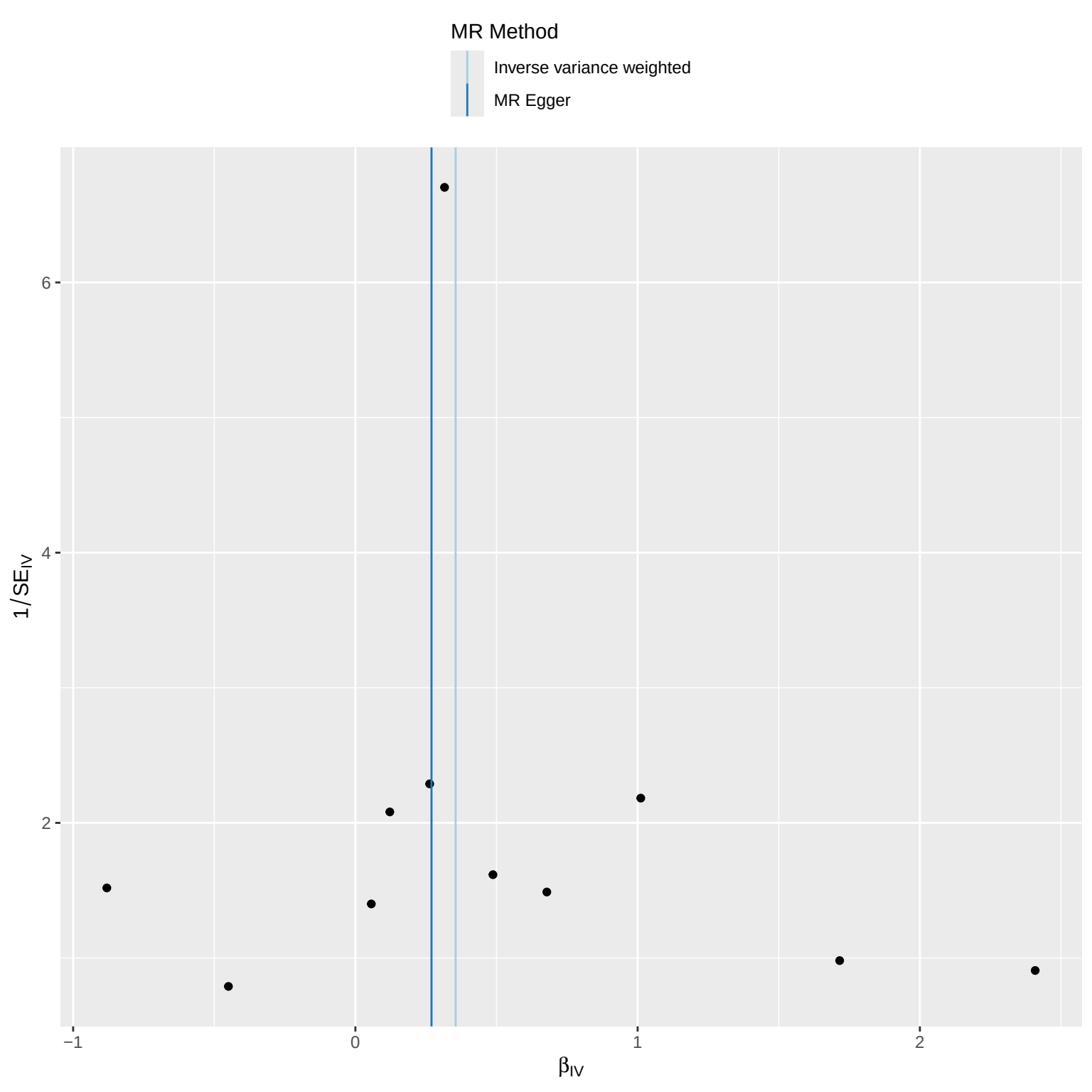

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

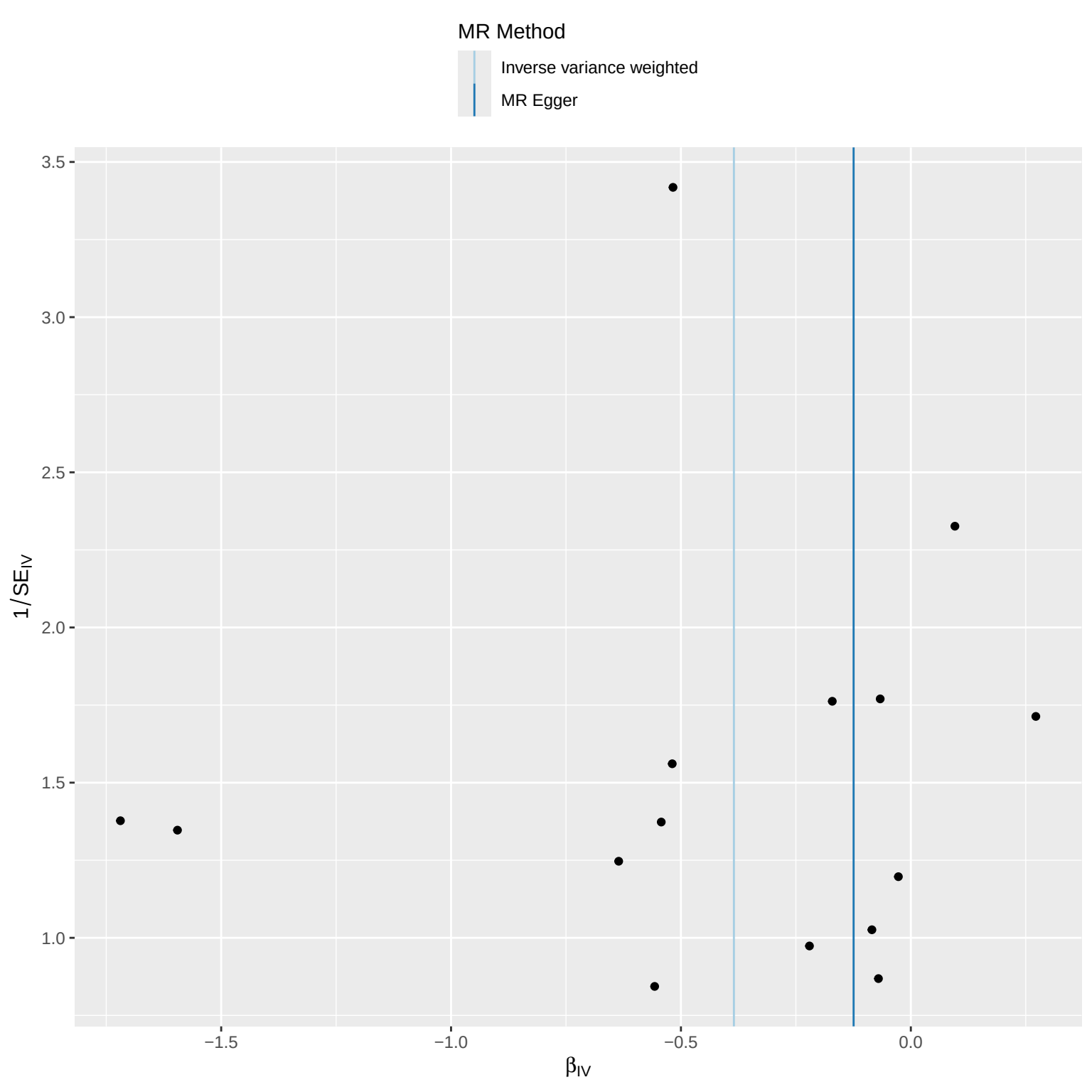

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

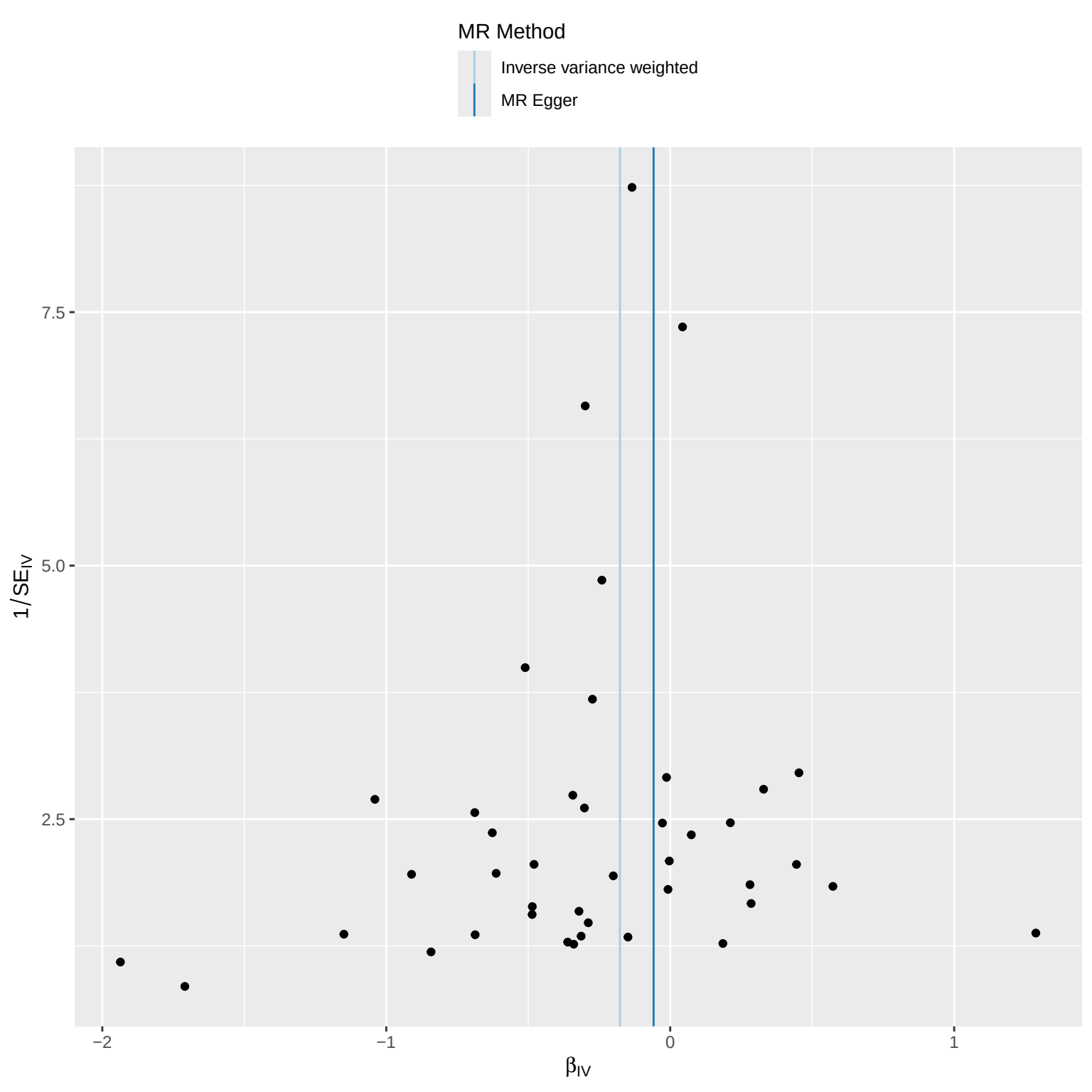

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

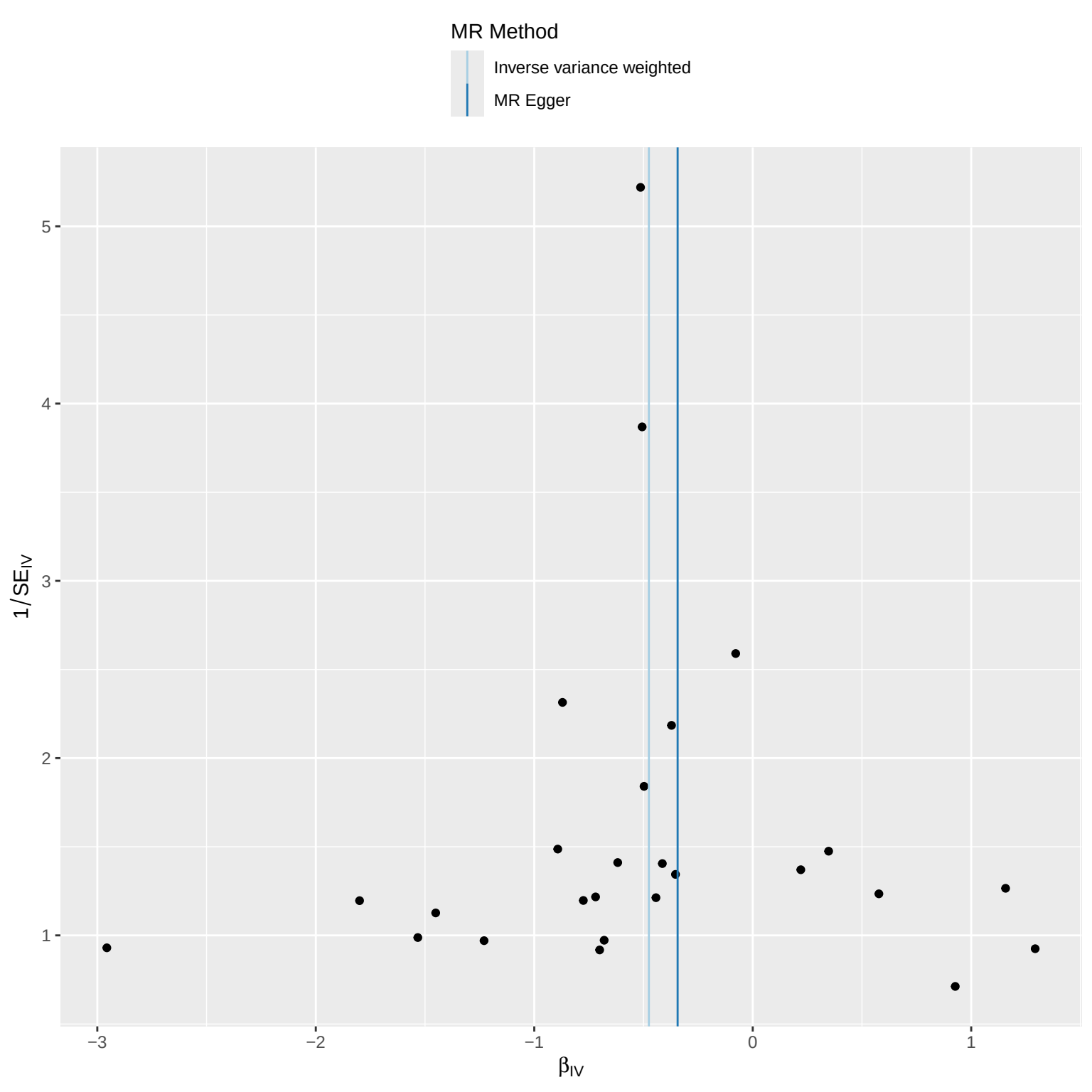

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

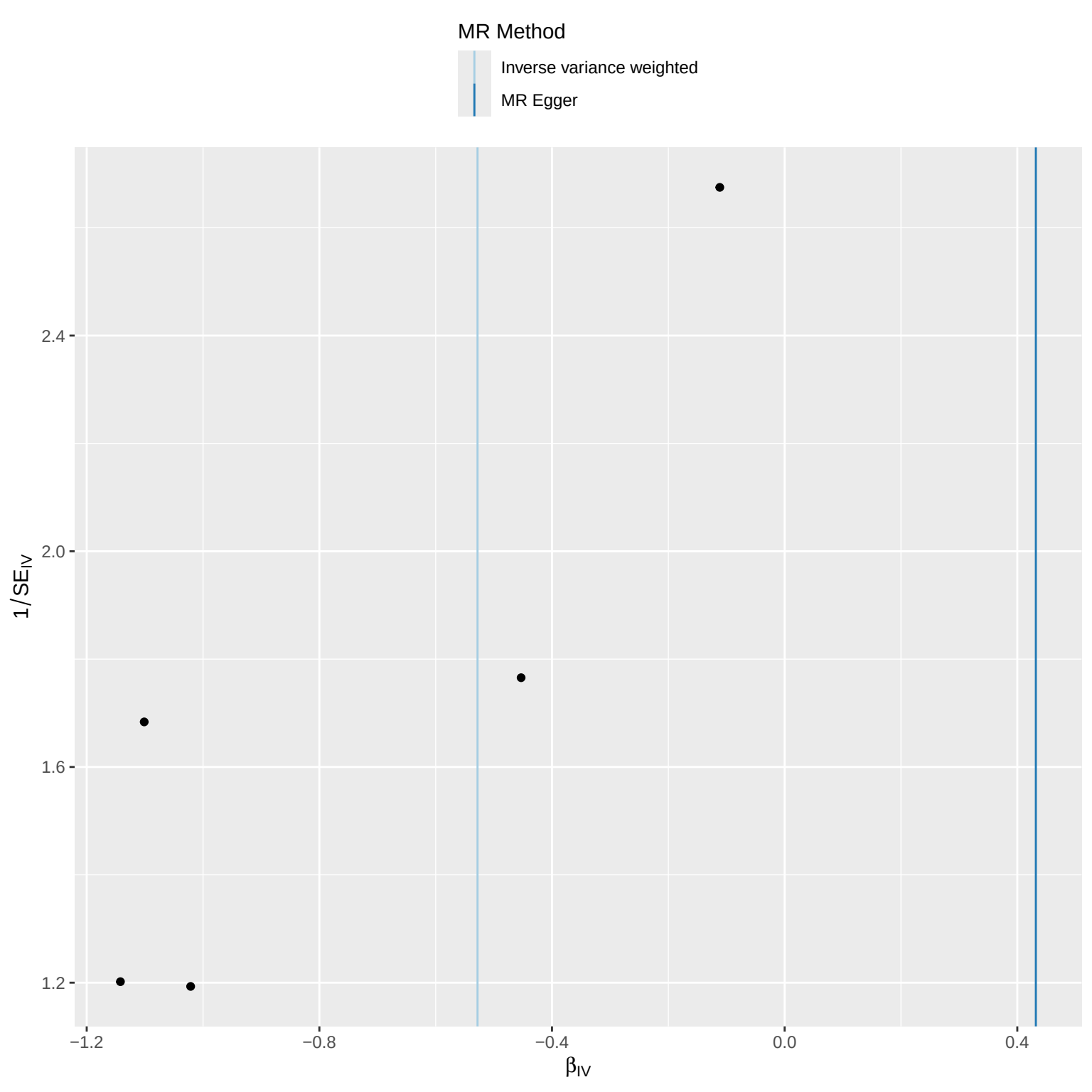

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
0.0
0.5
1.0
β_{IV}

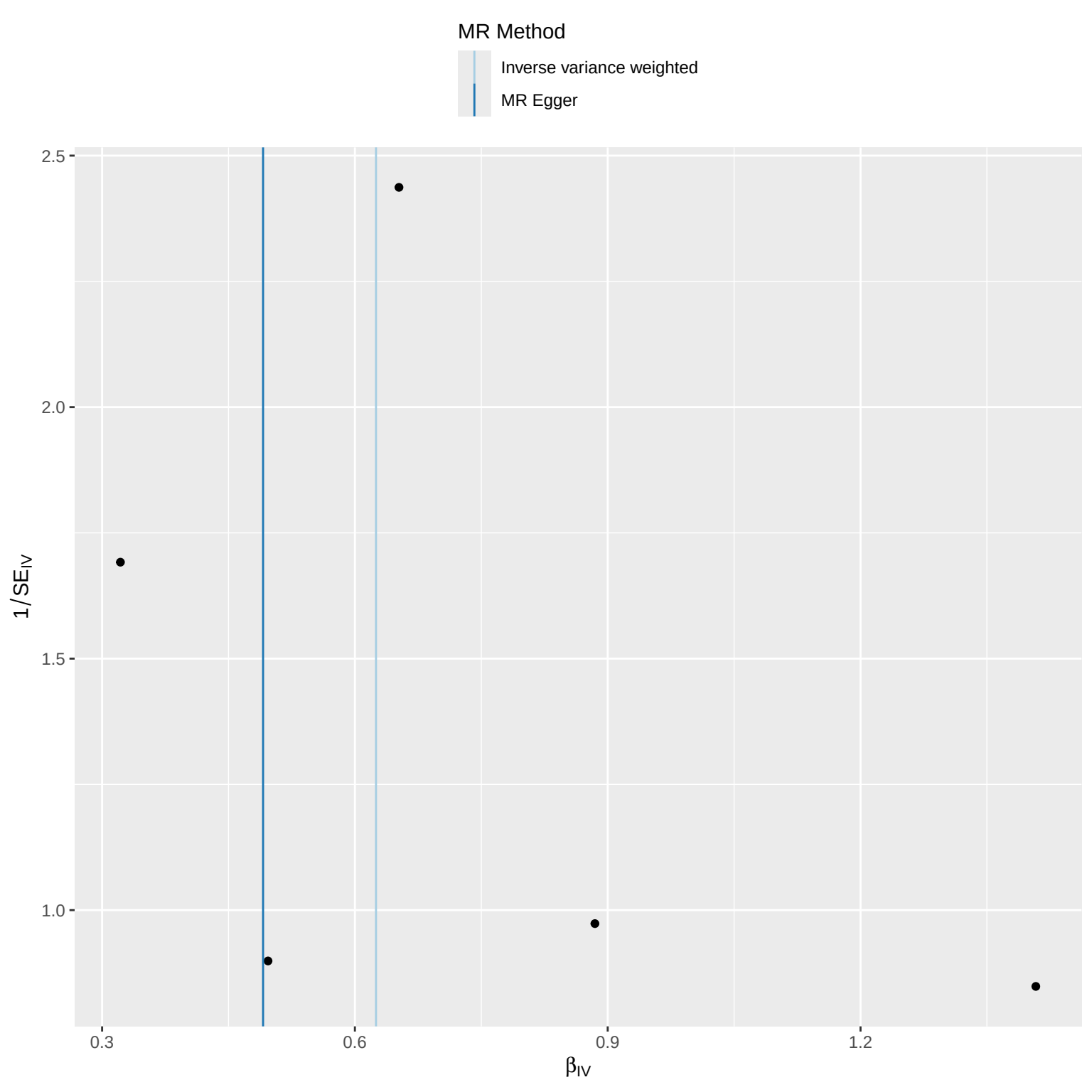

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

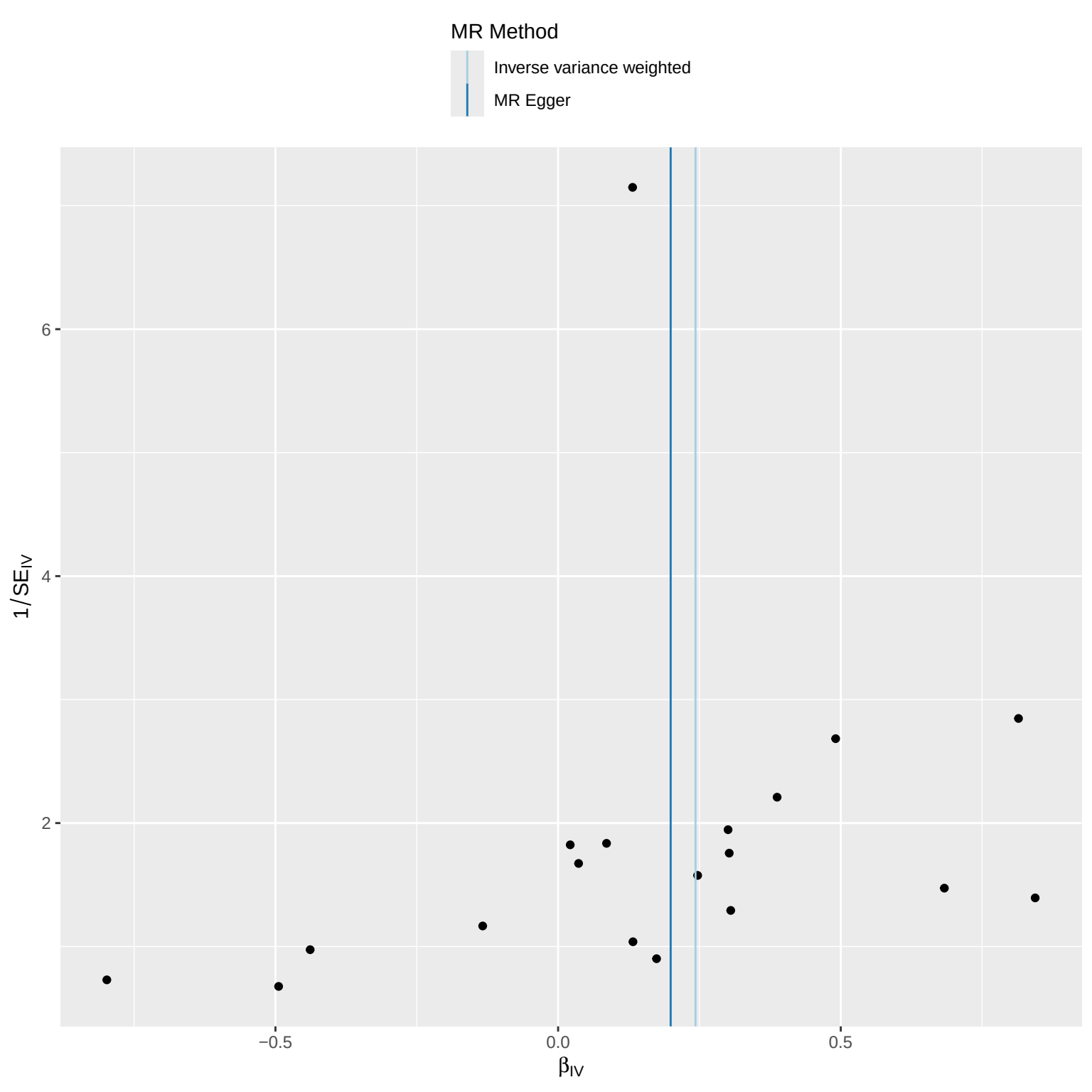

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

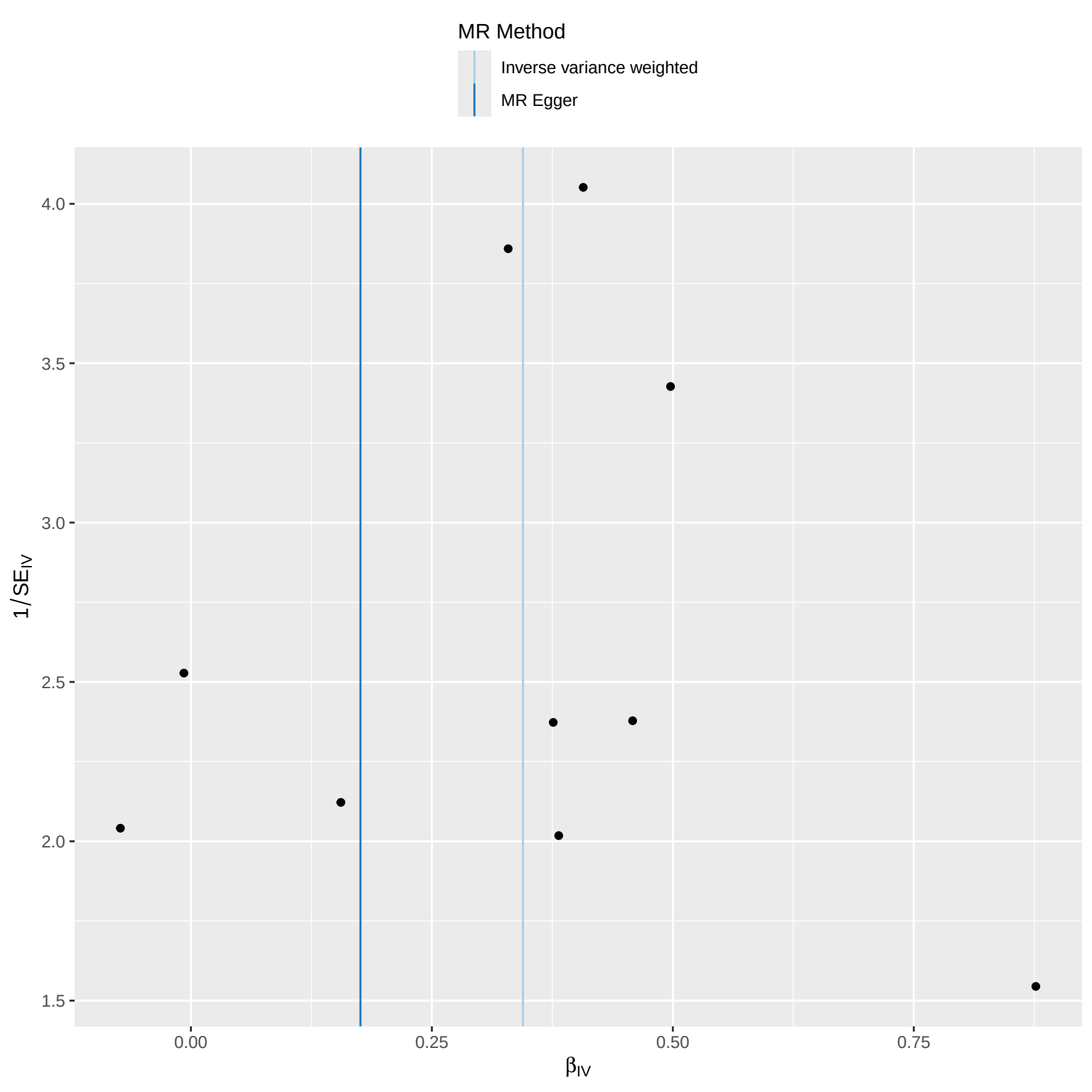

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

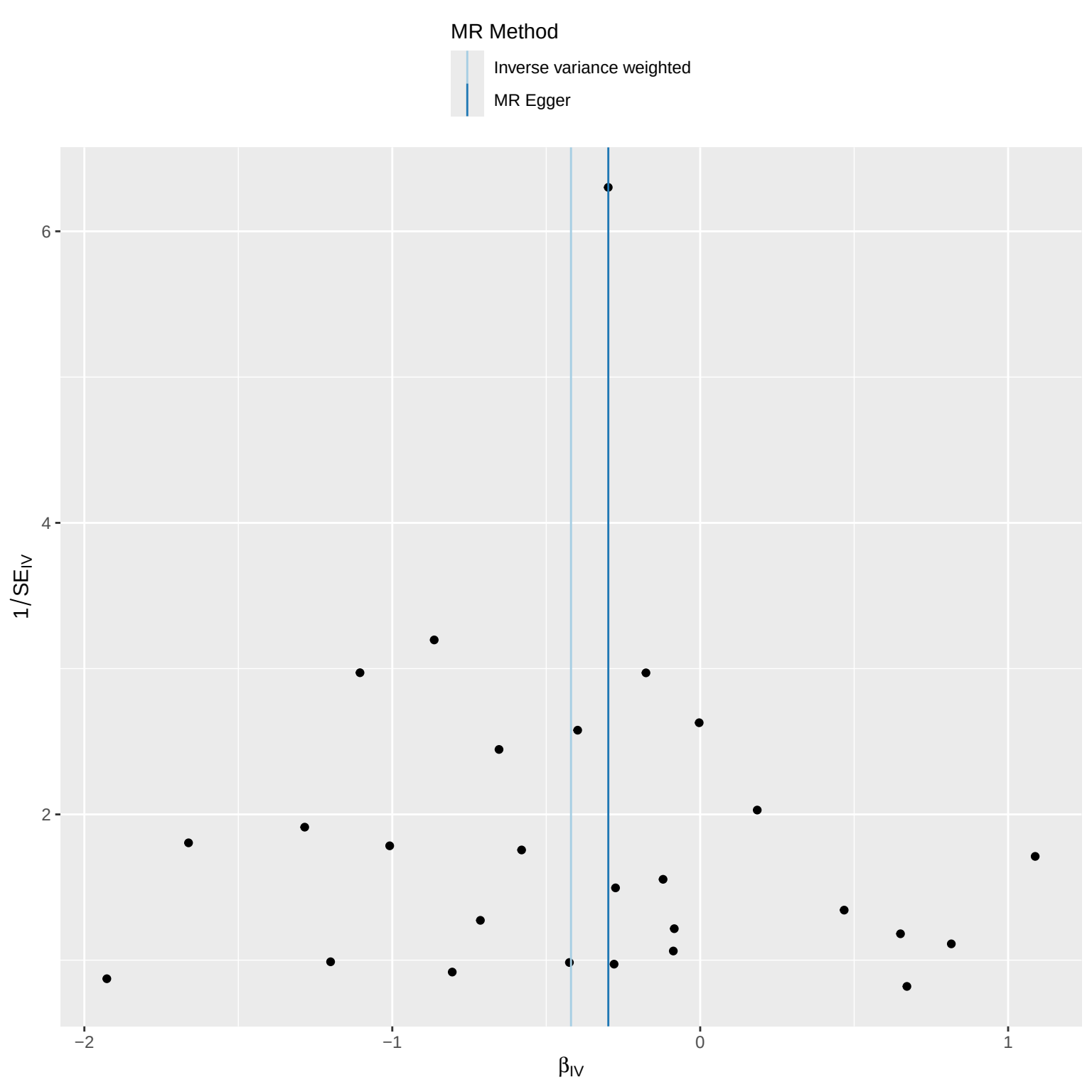

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

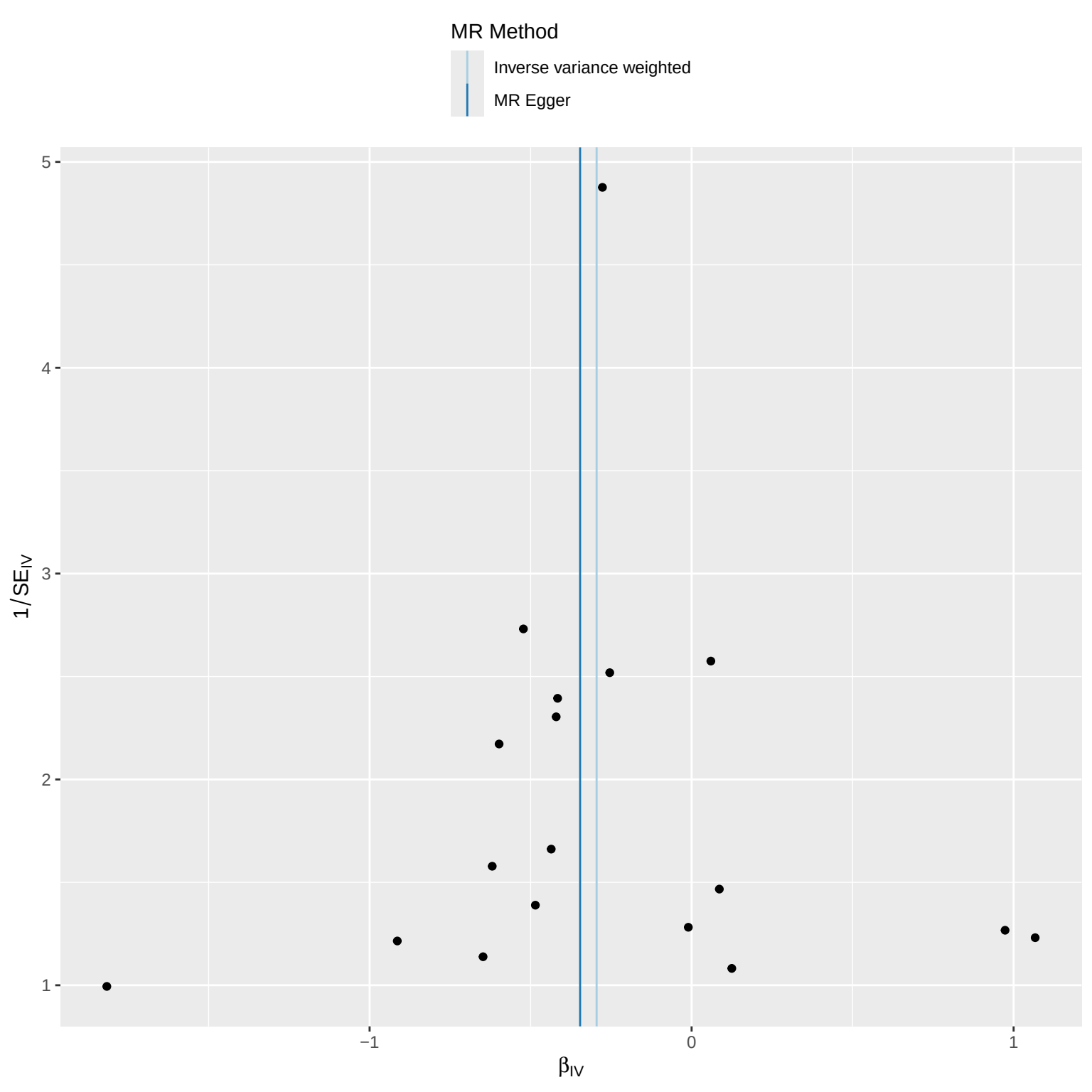

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
1/SE_IV
−1.2
−0.8
−0.4
0.0
0.4
β_IV

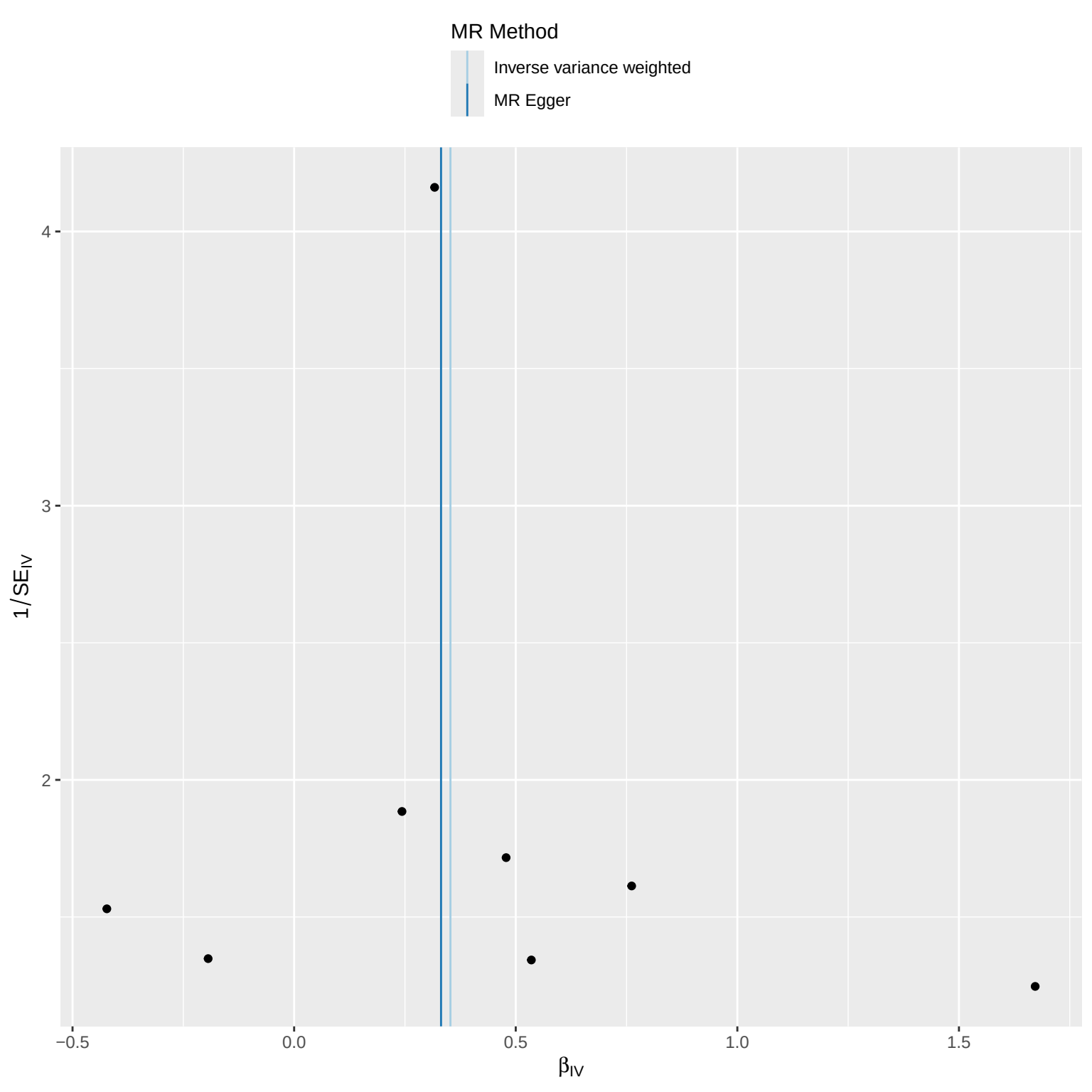

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.3
0.6
0.9
1.2
β_IV

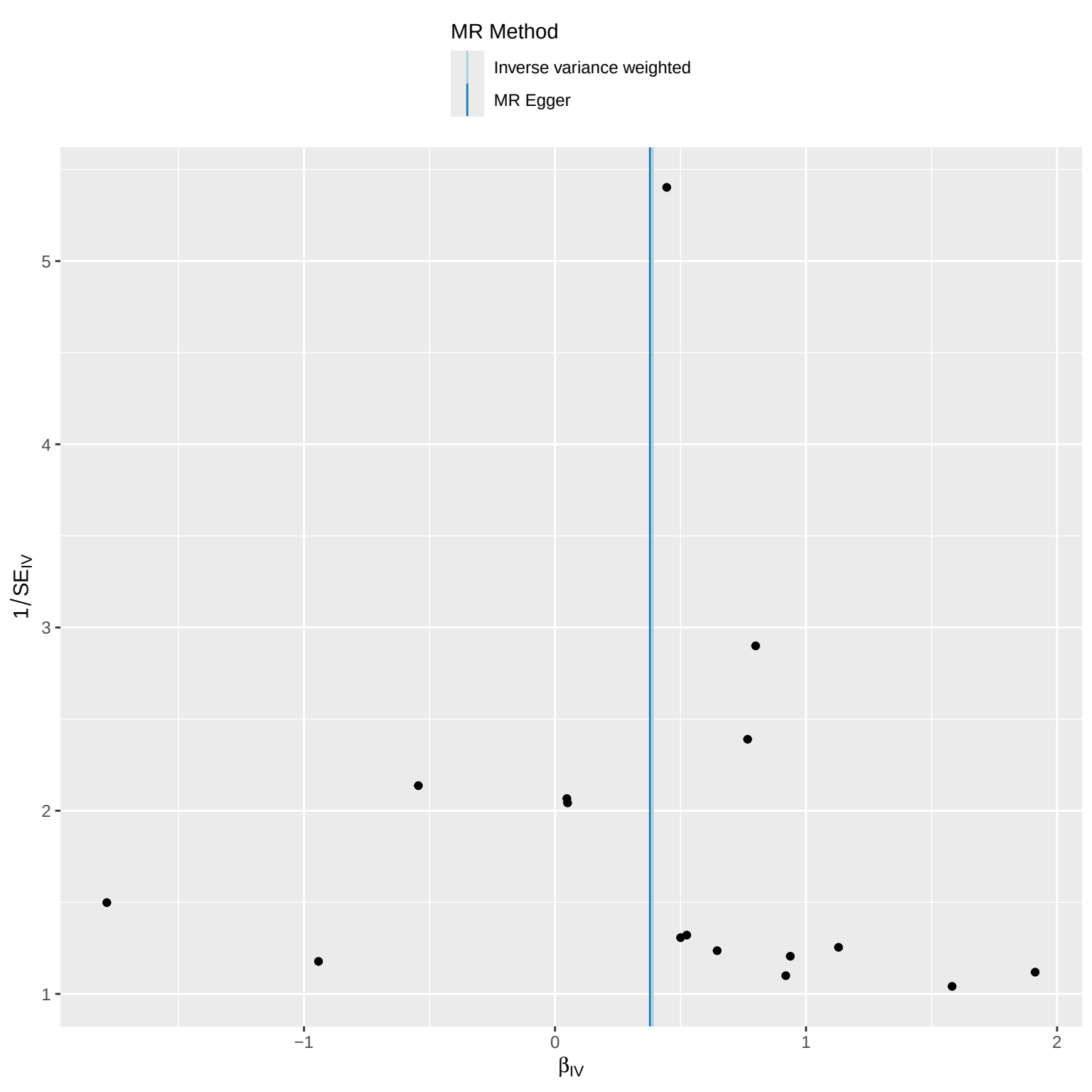

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

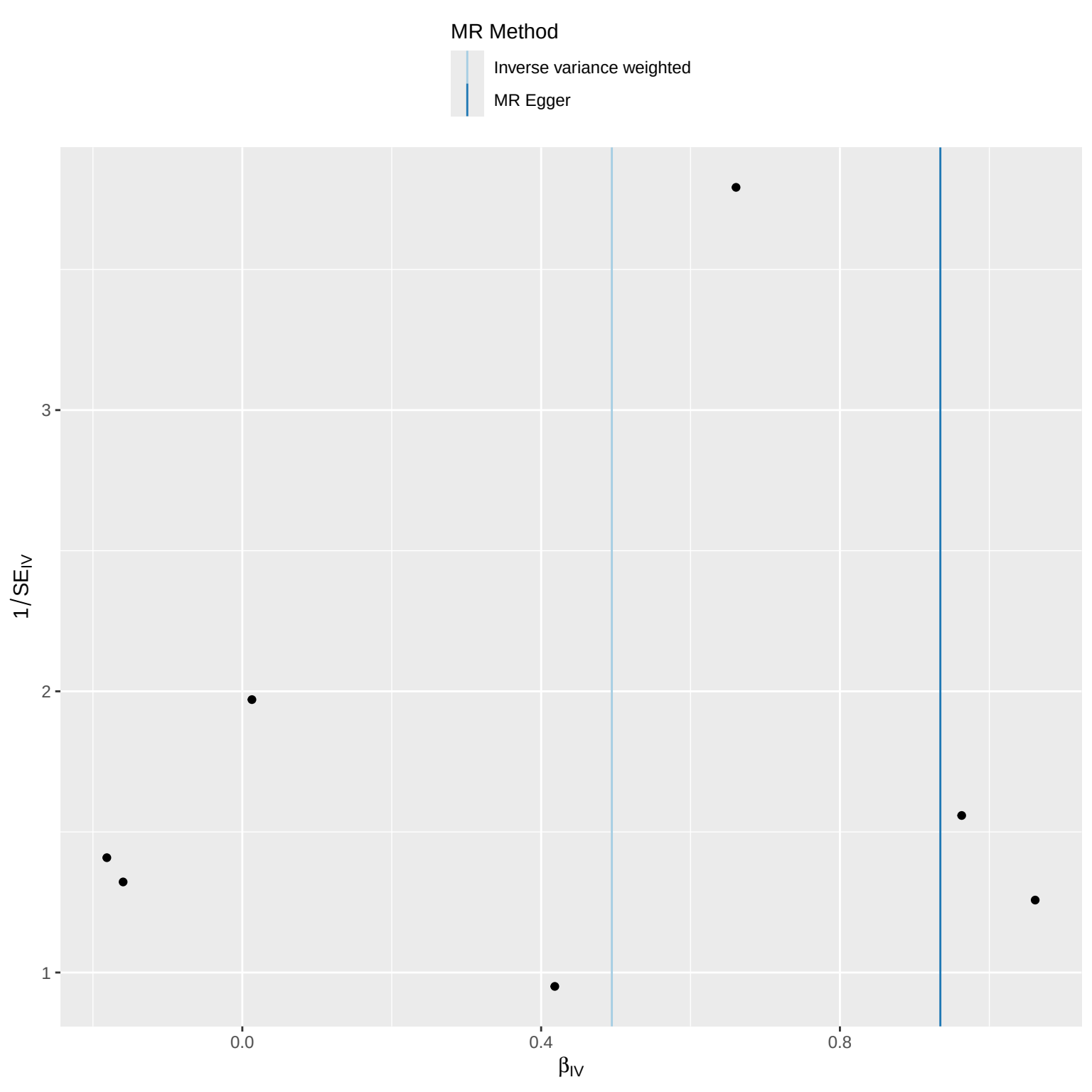

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
2.0
1.5
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

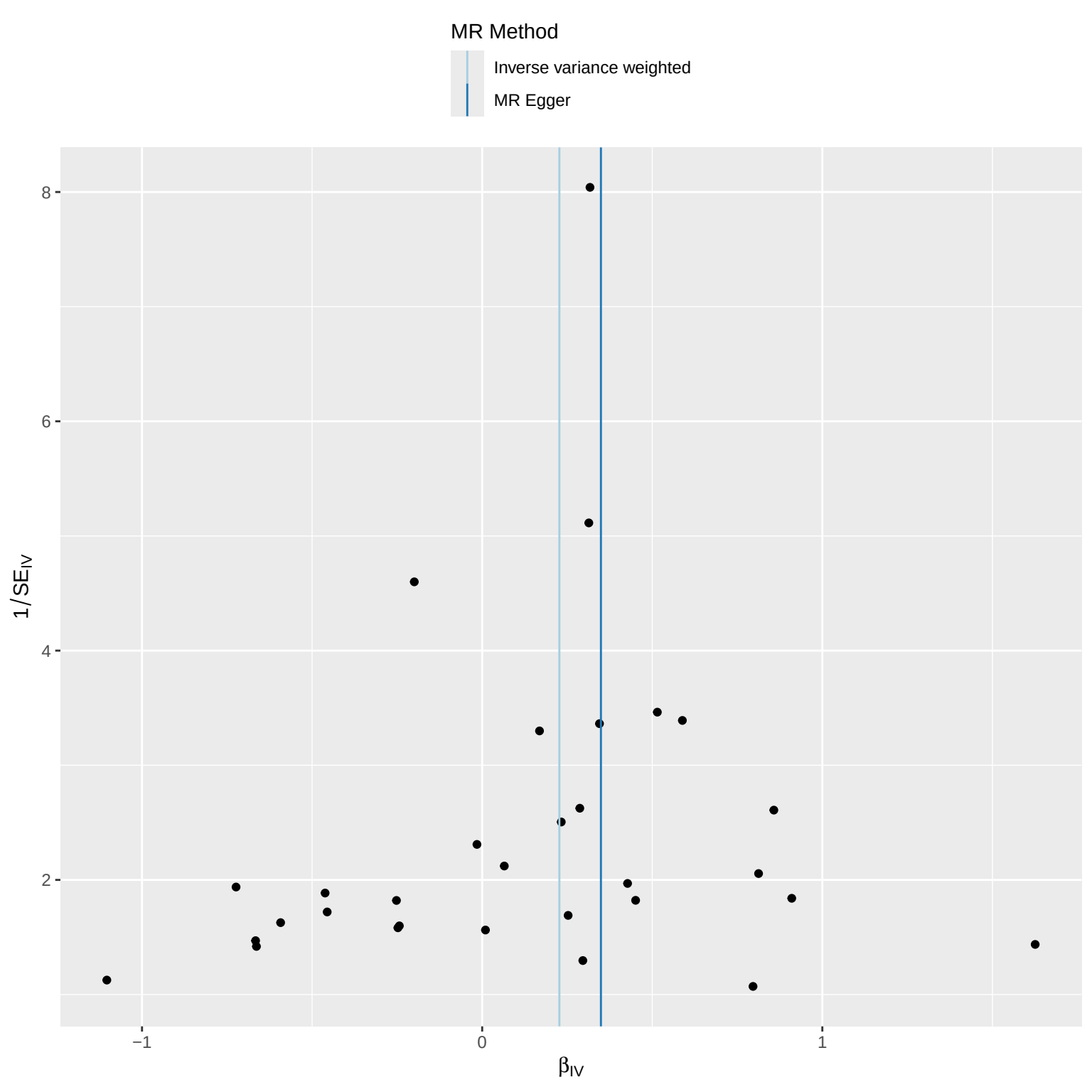

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

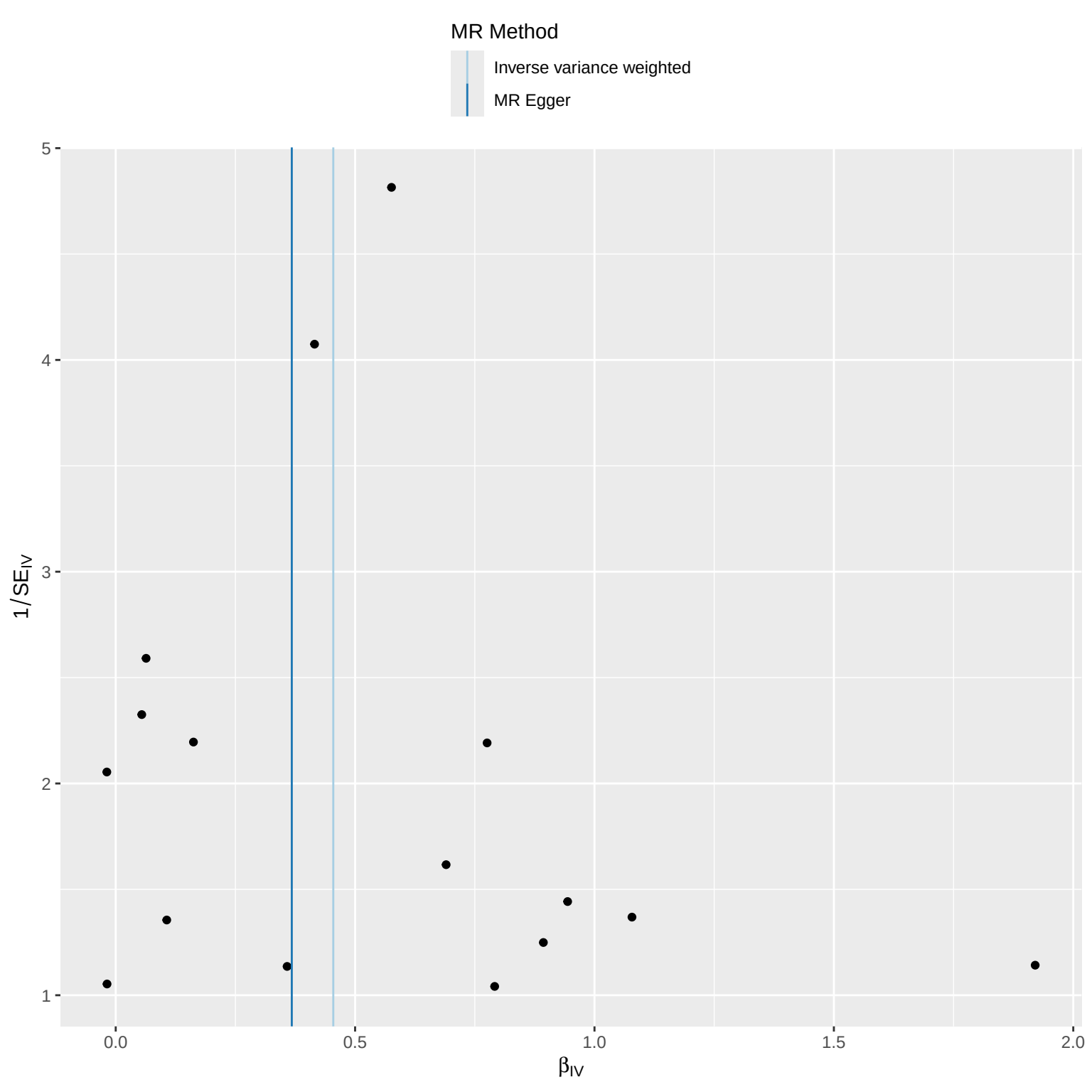

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

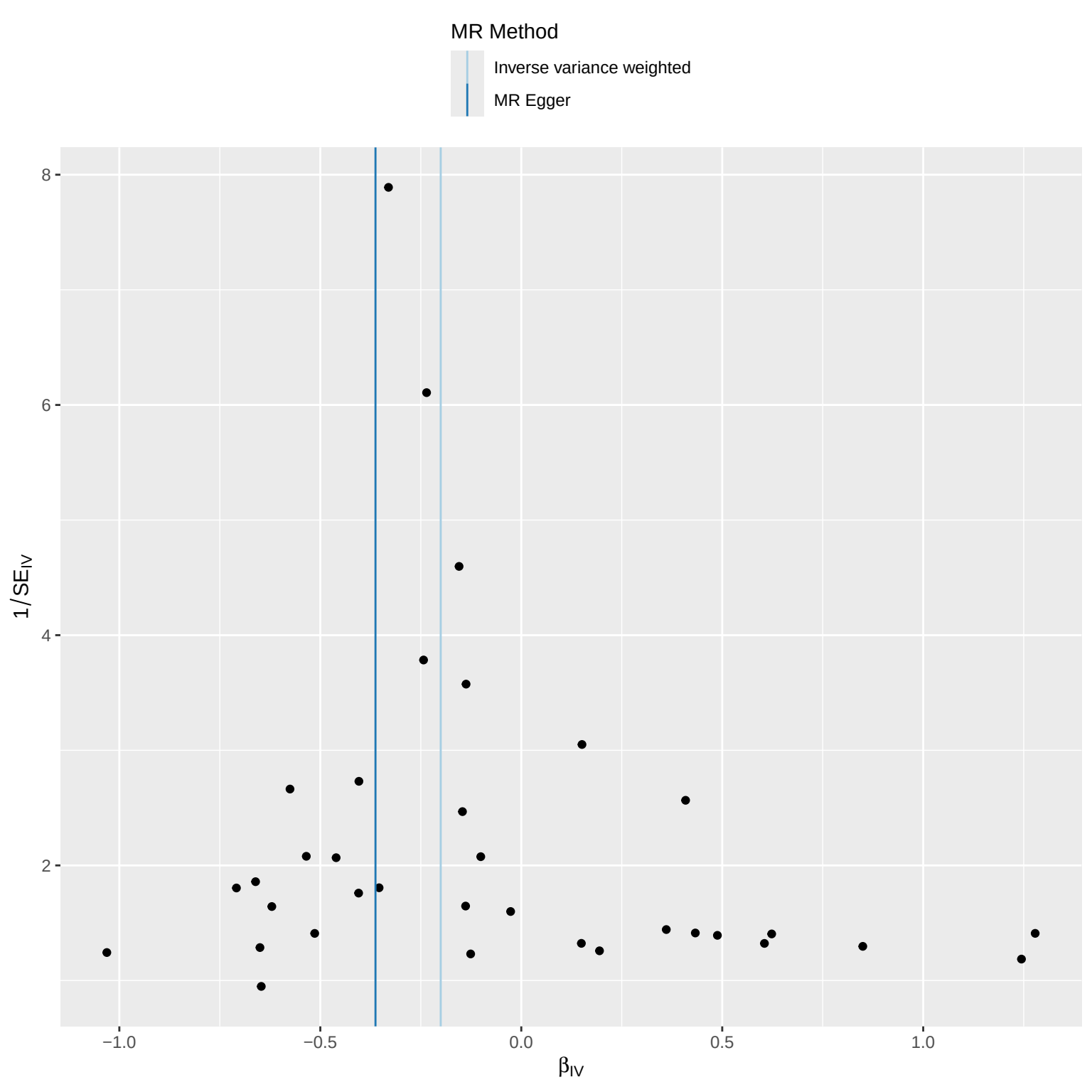

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

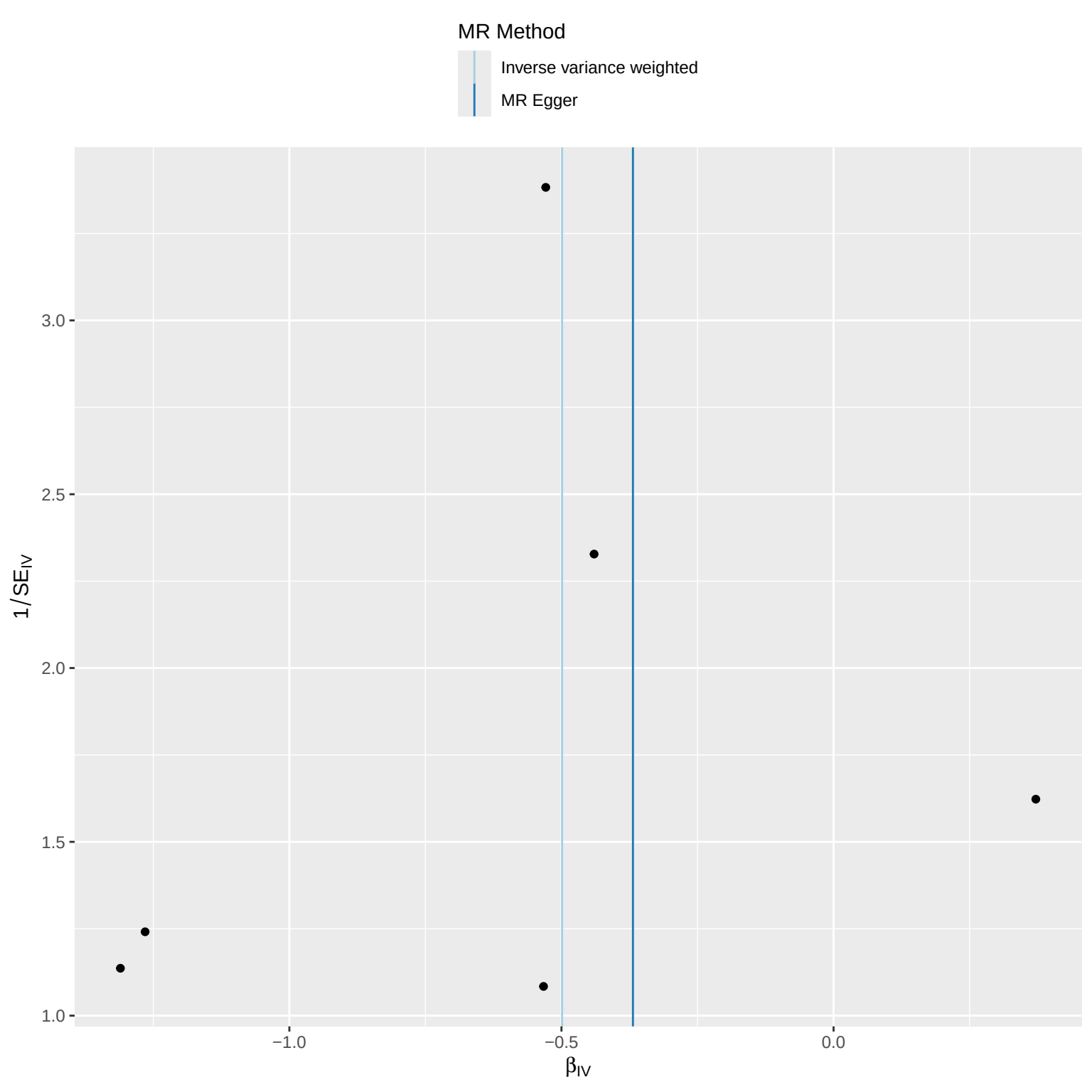

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

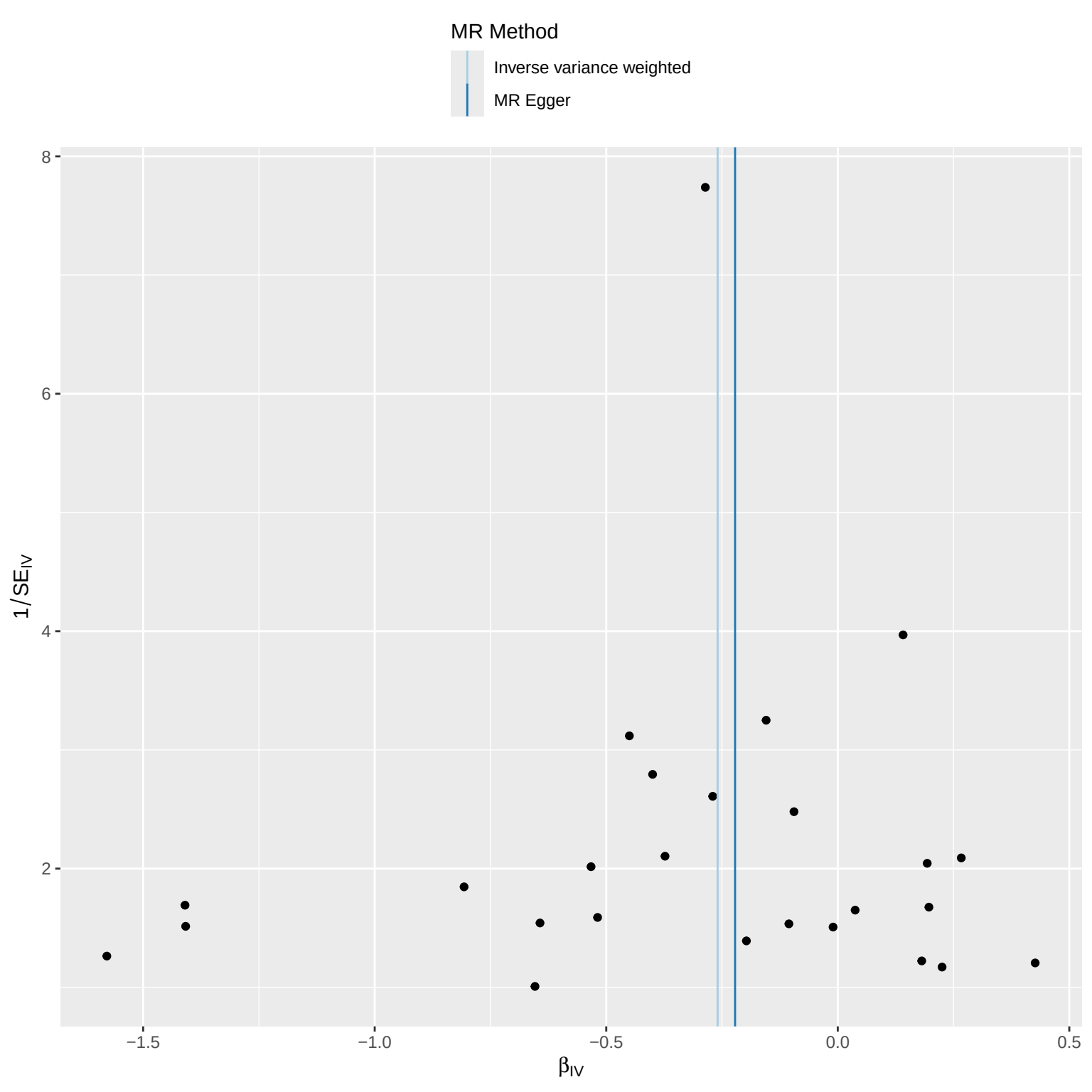

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.4
0.8
β_IV

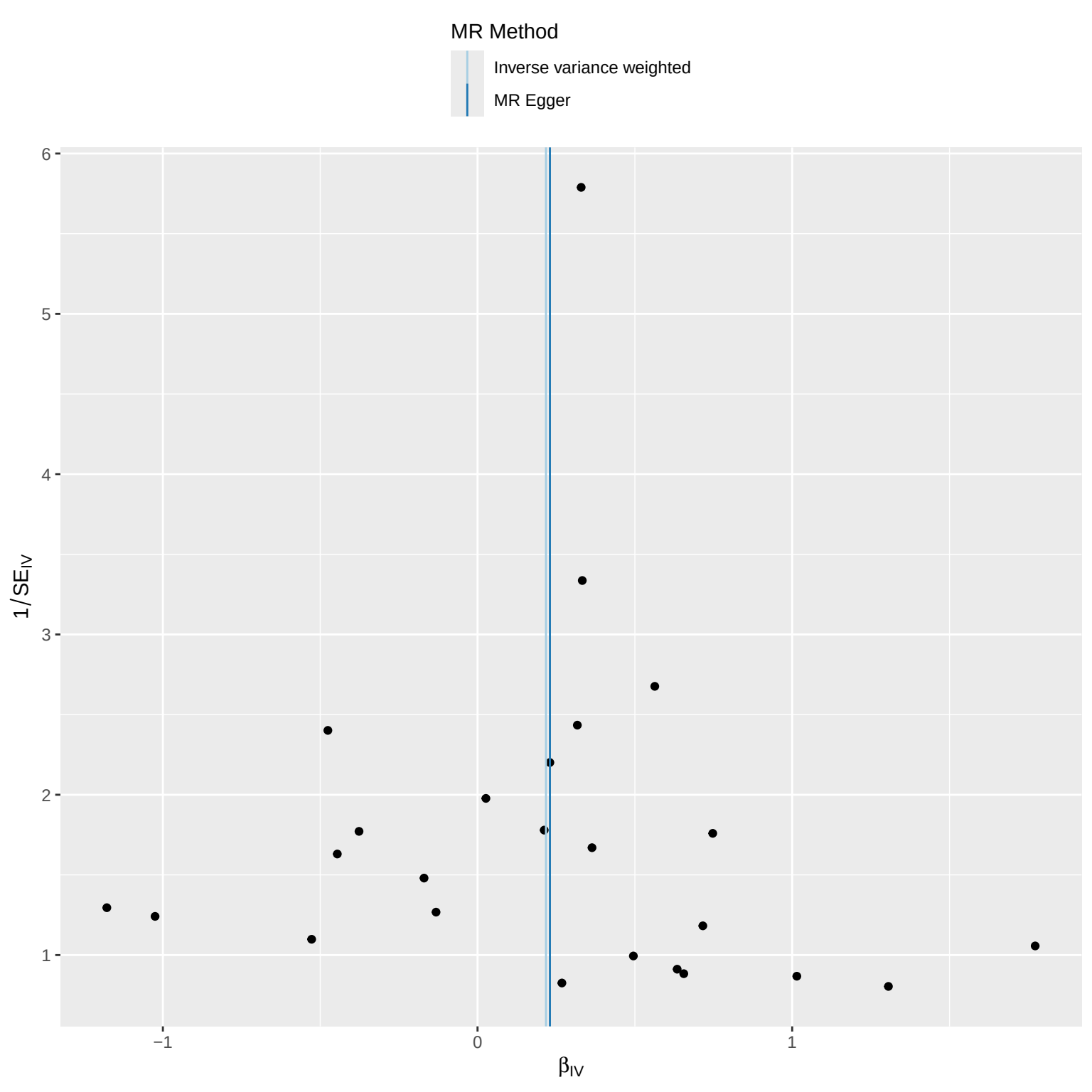

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

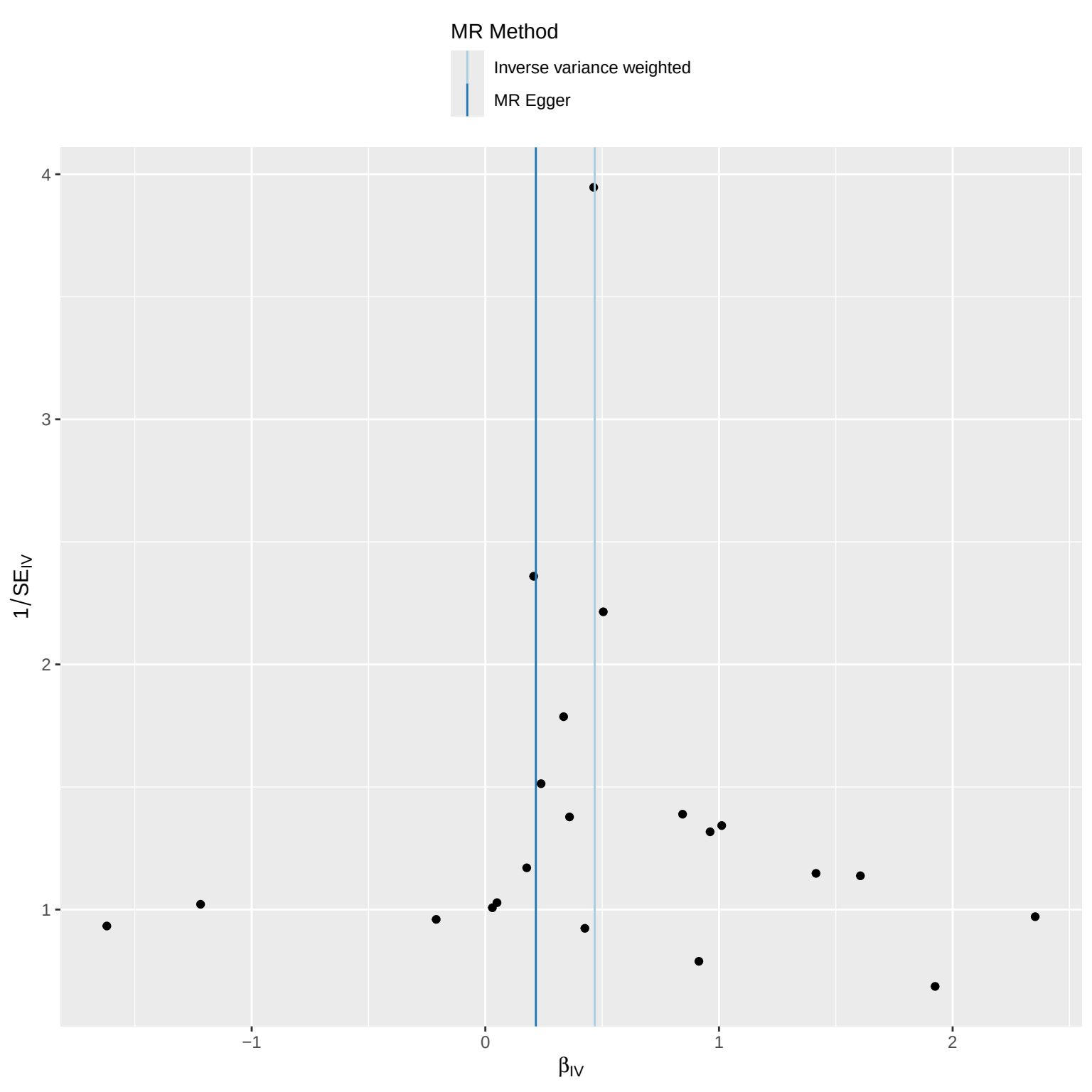

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

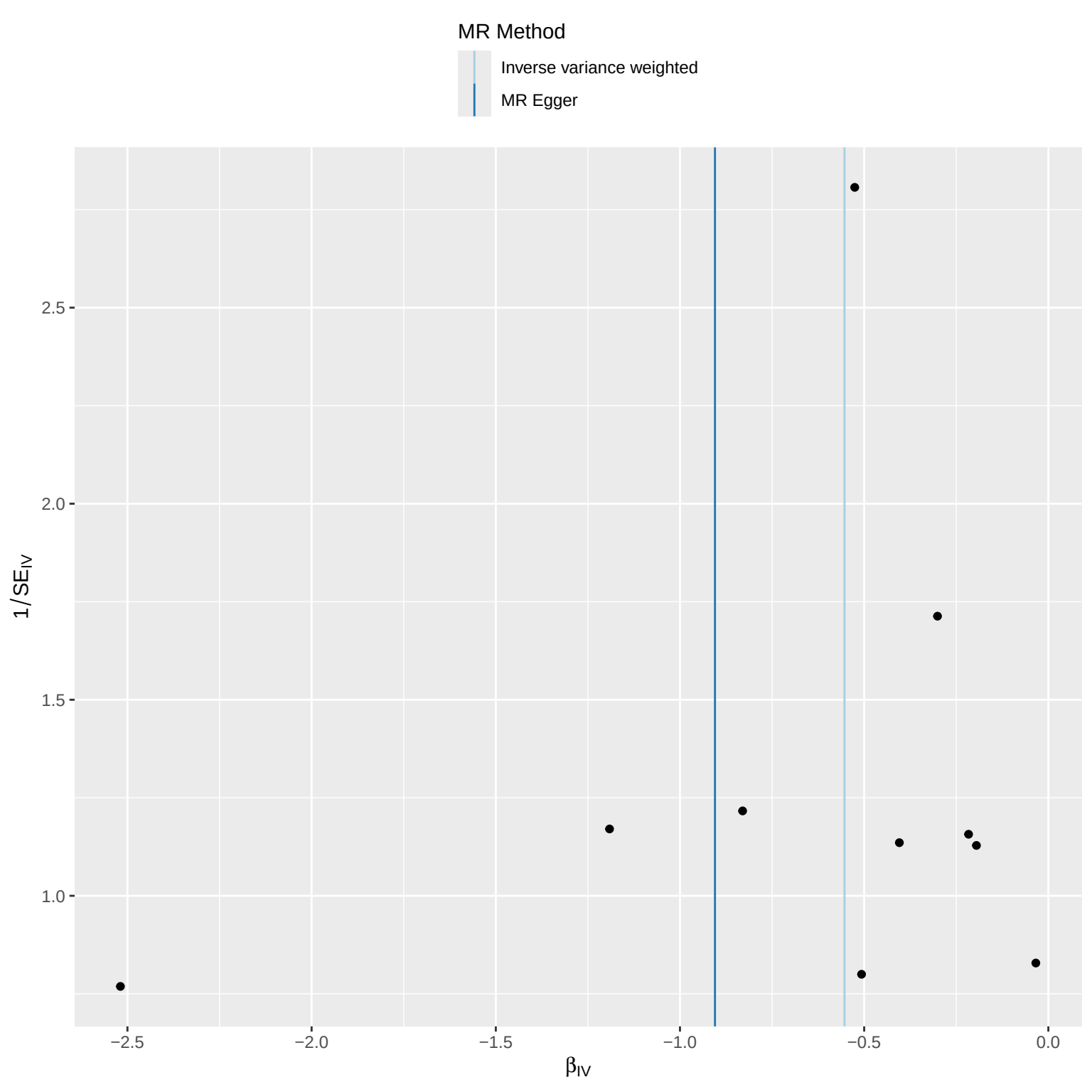

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

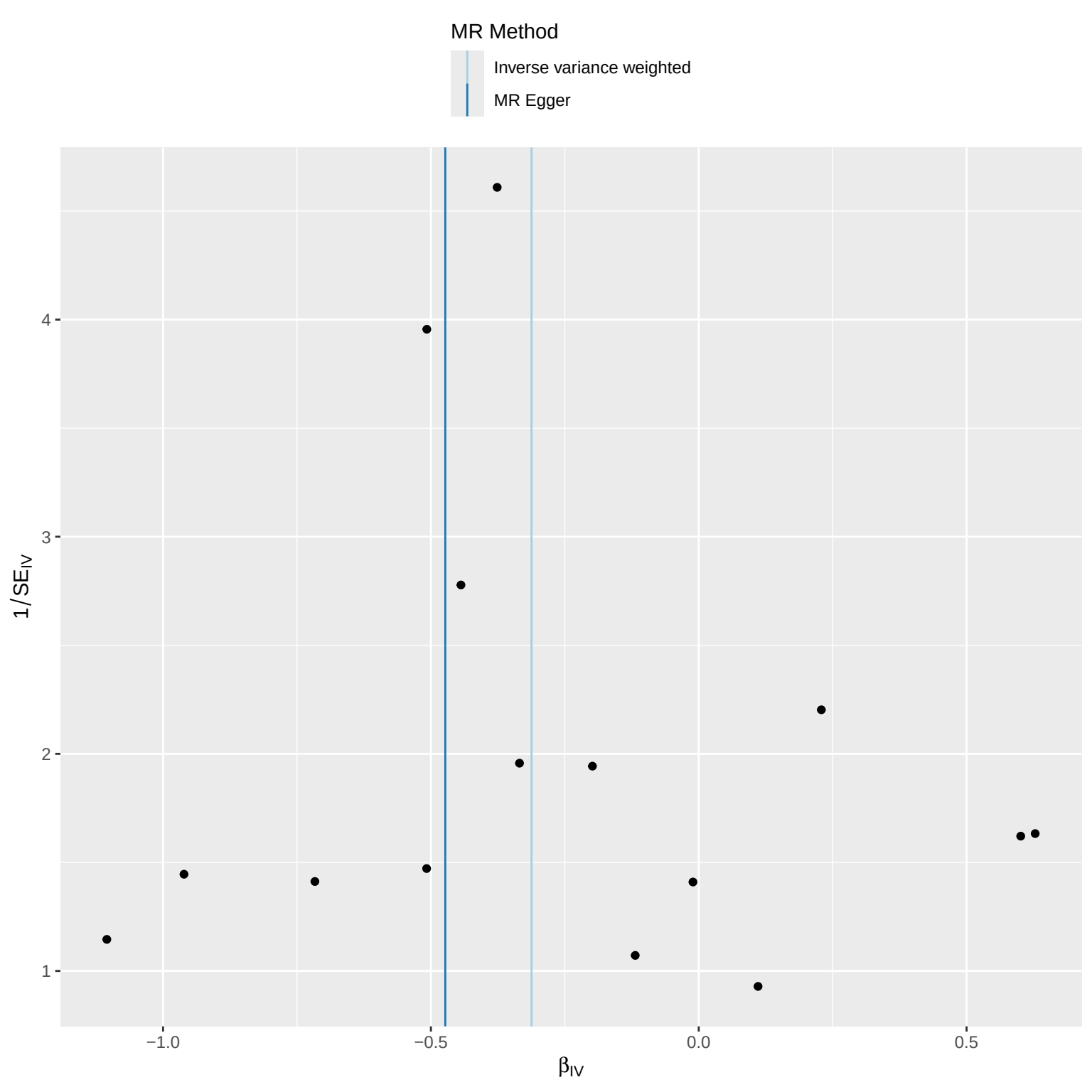

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

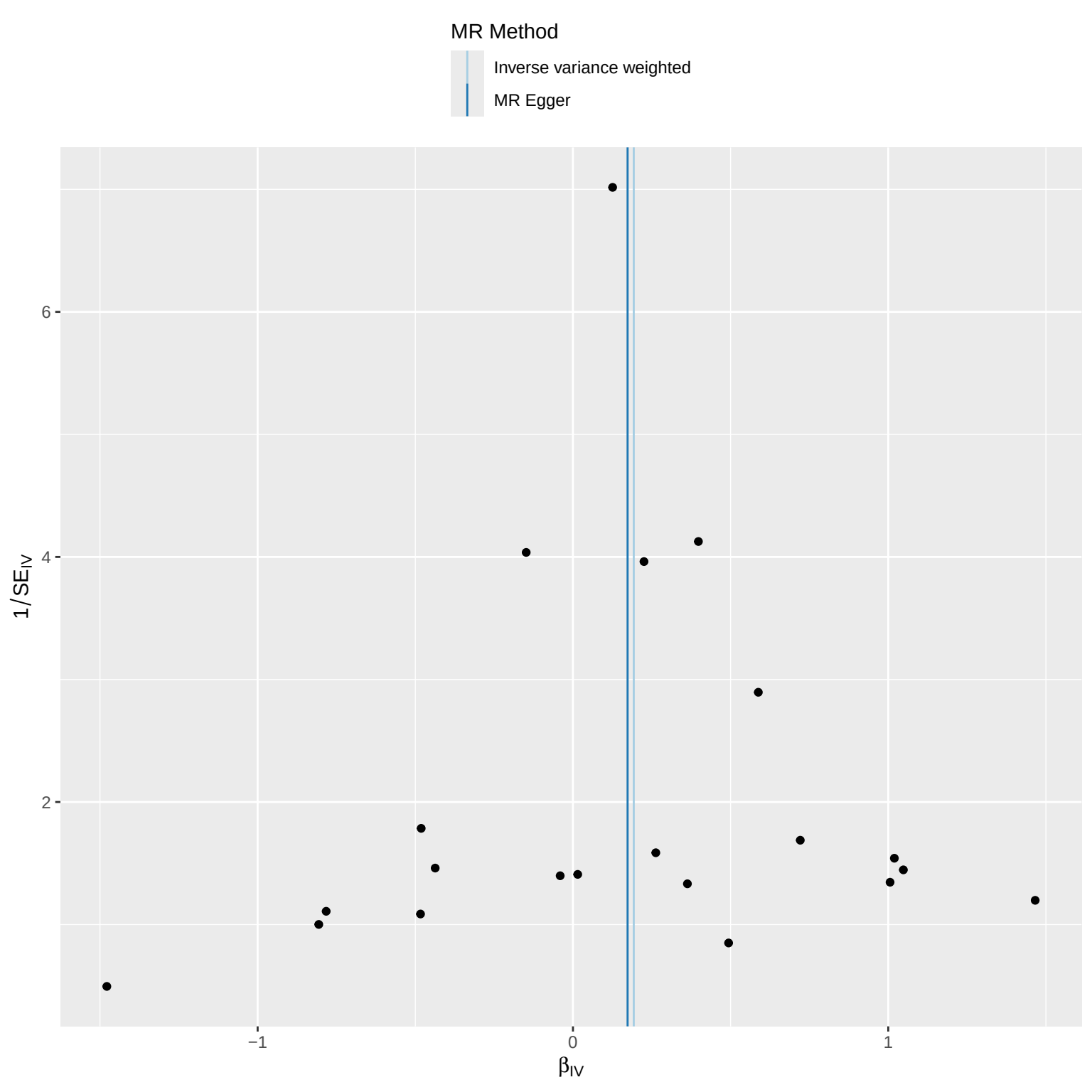

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

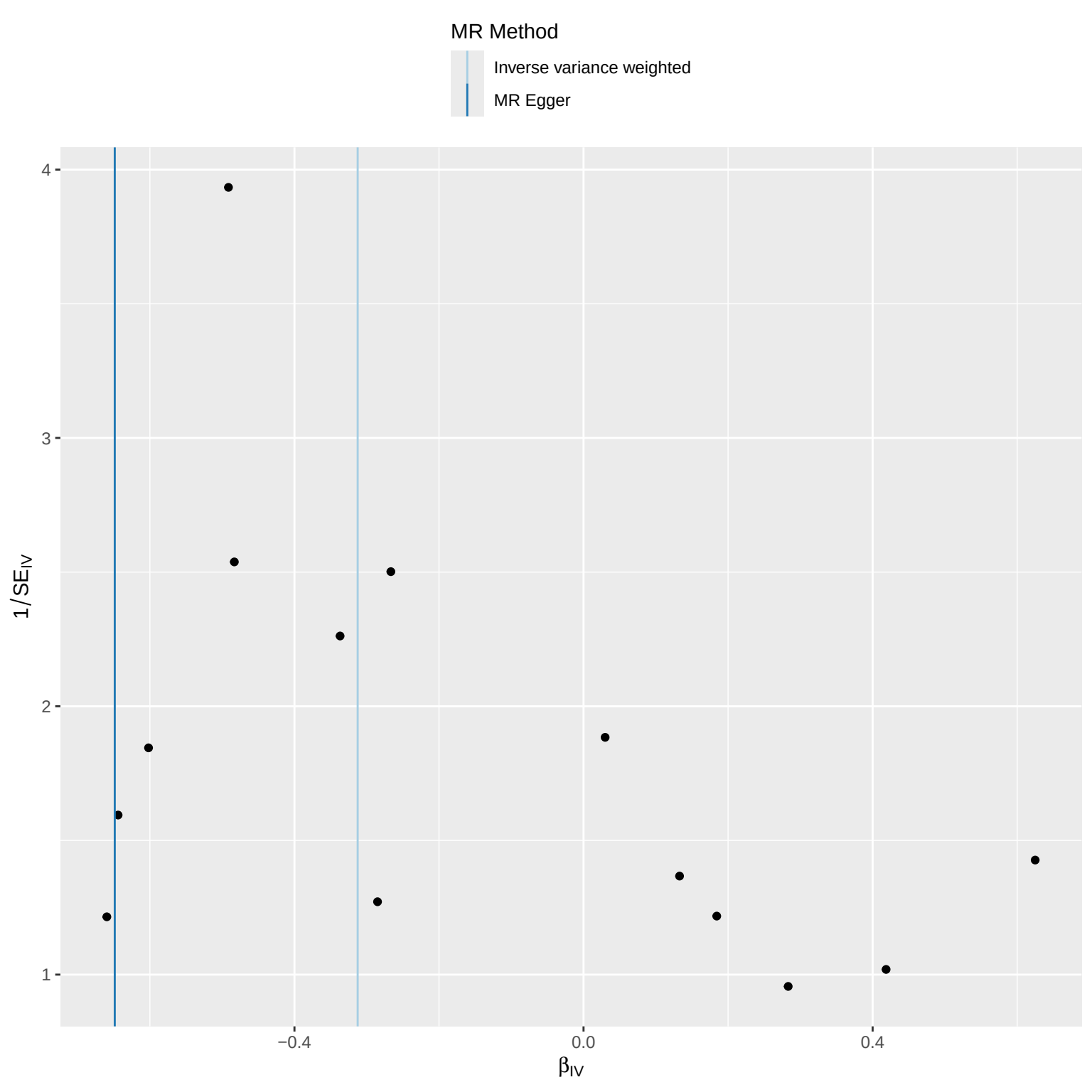

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

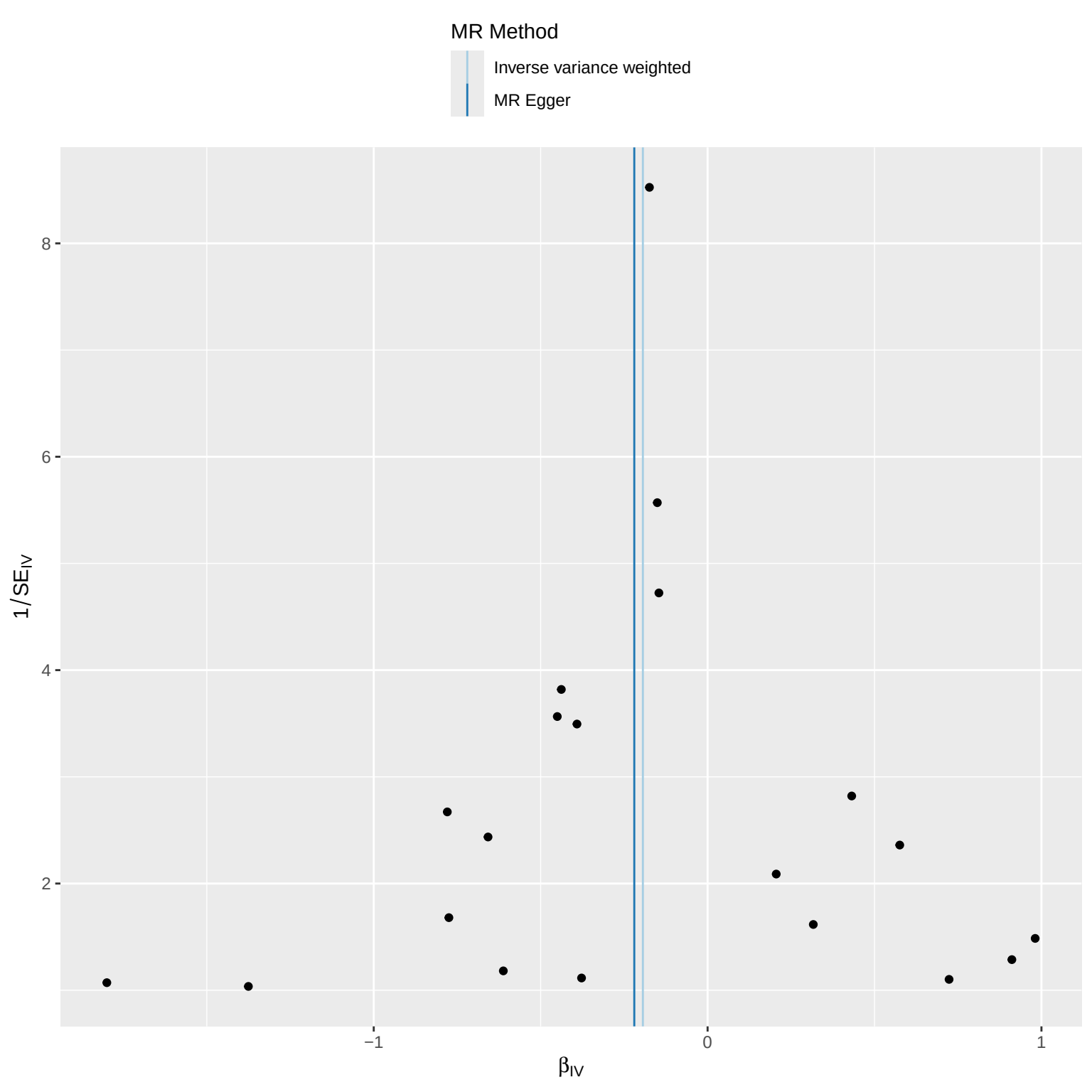

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

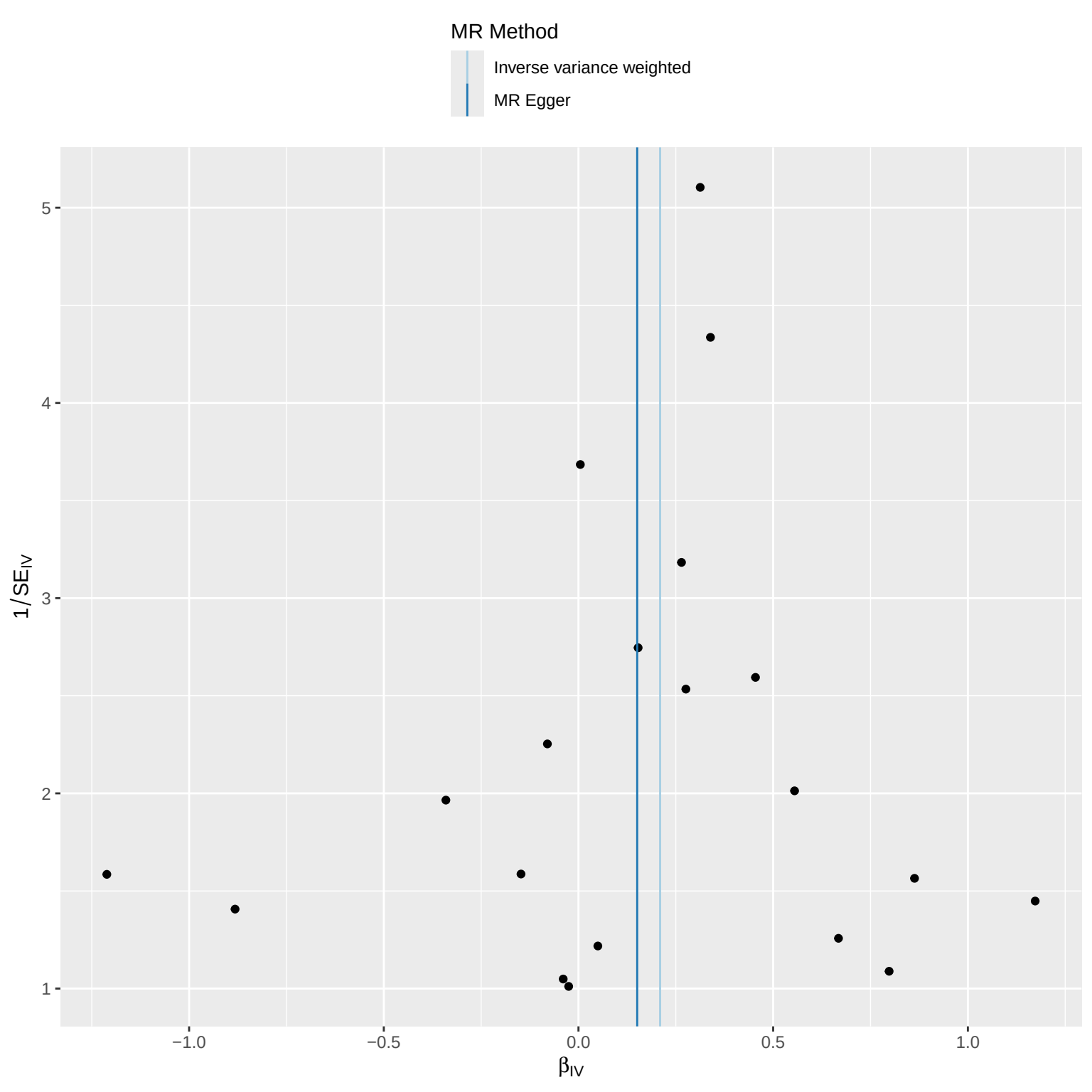

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

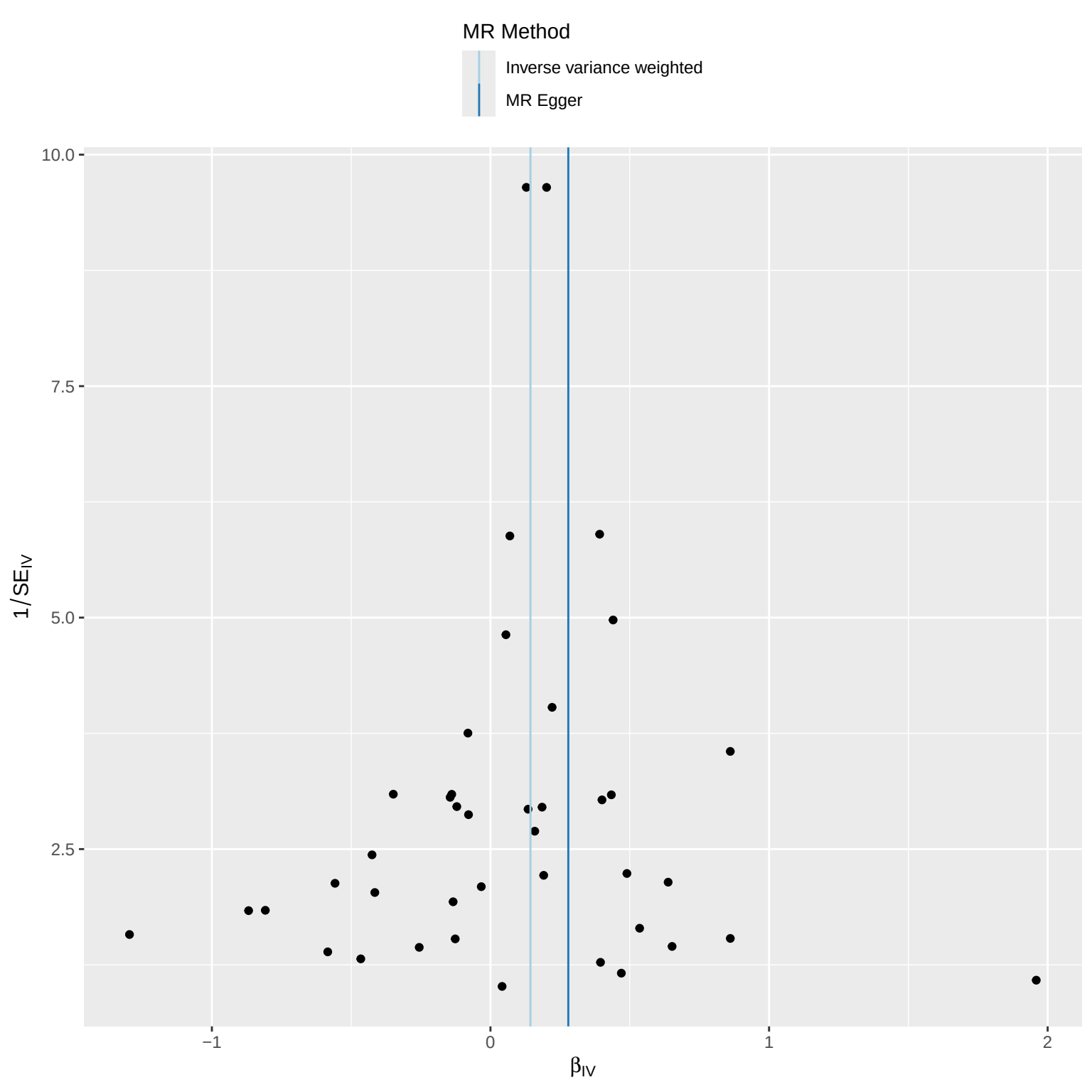

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

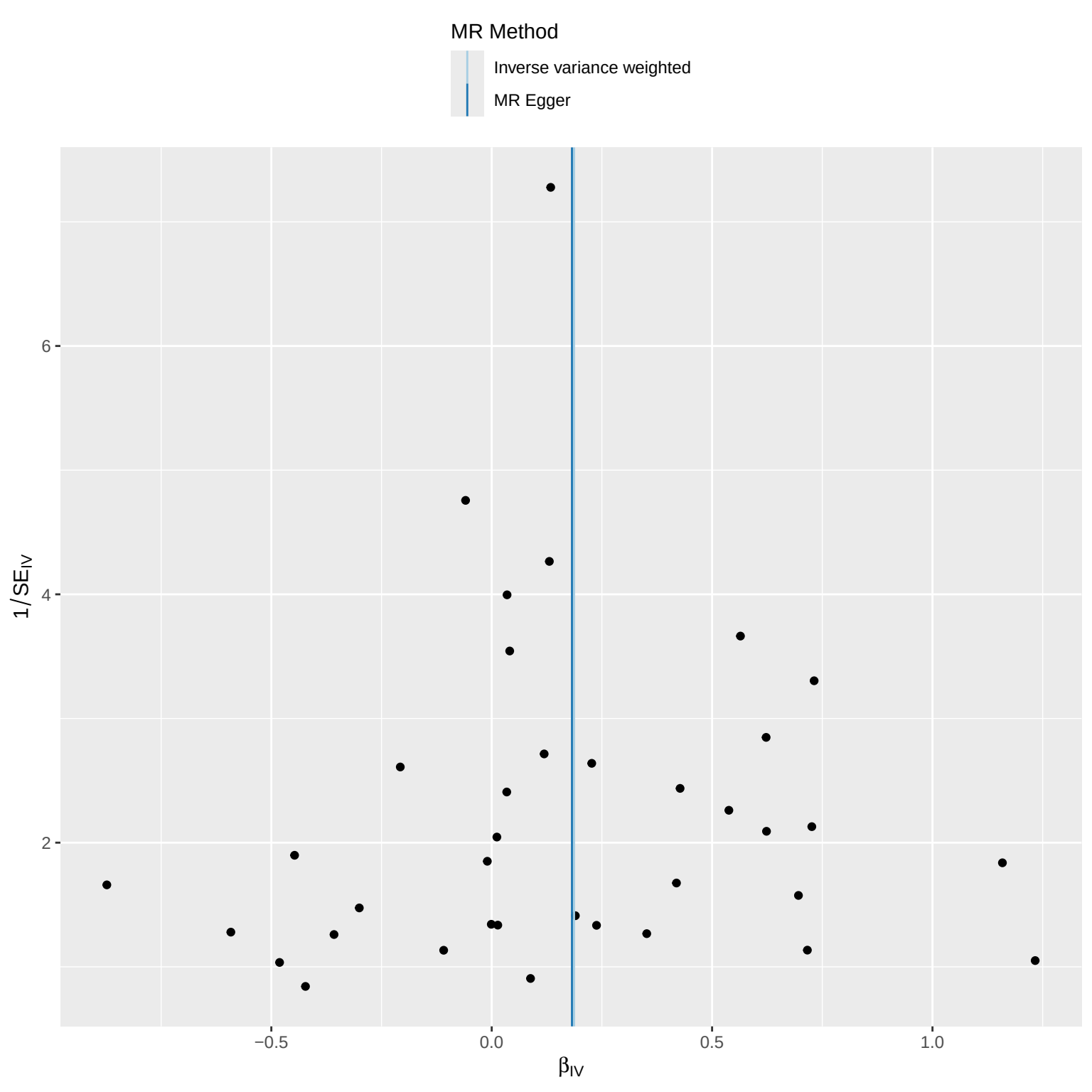

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

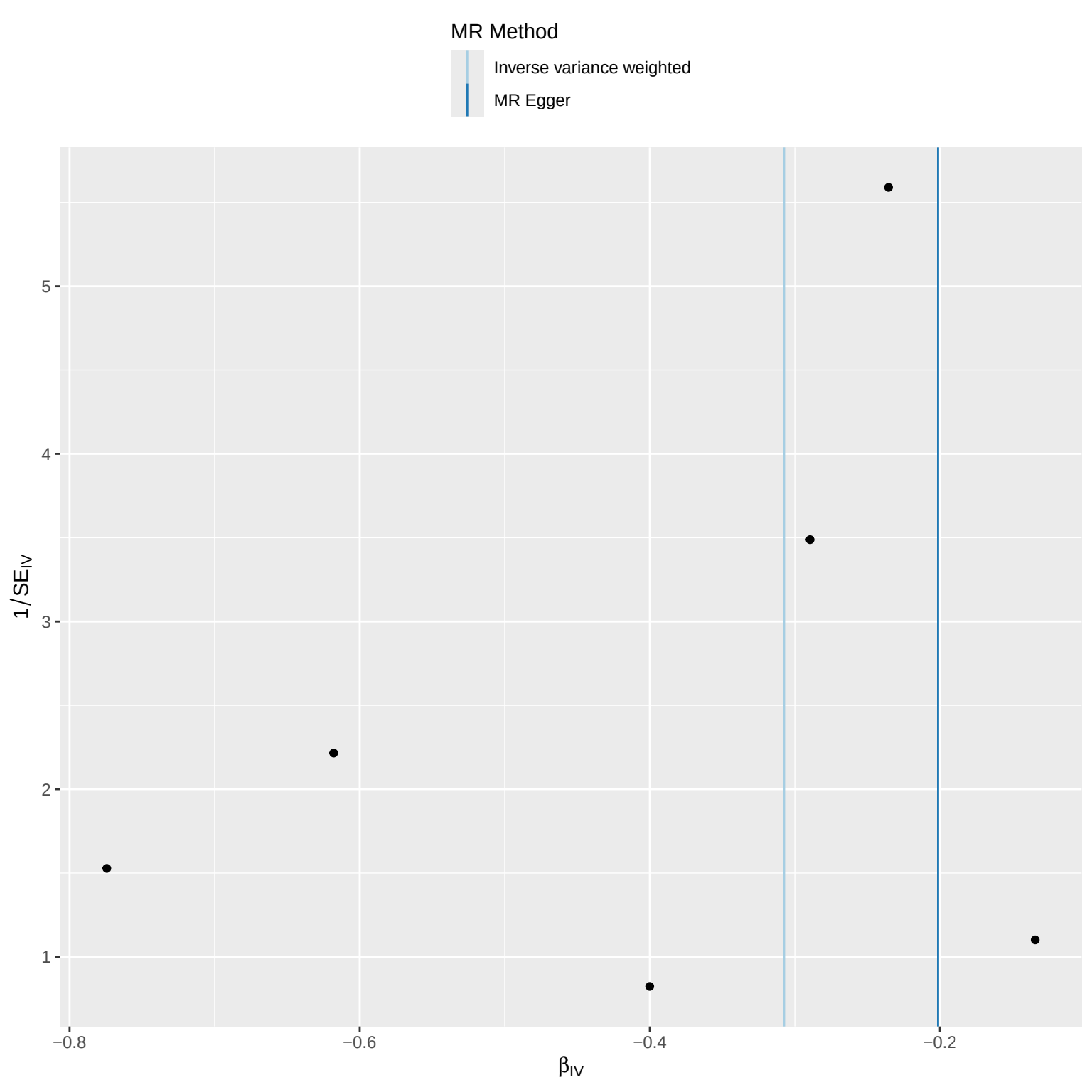

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.4
0.0
0.4
β_IV

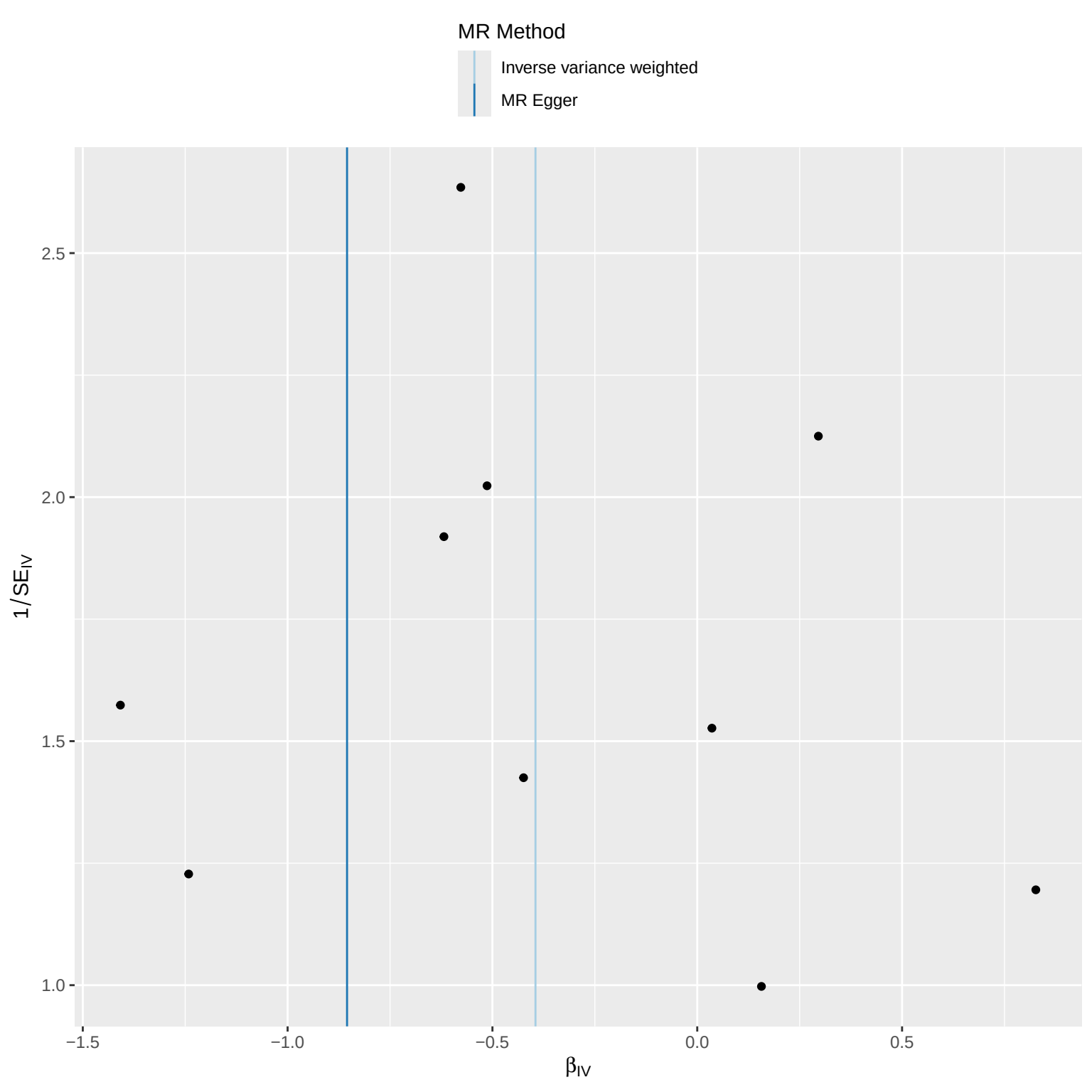

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

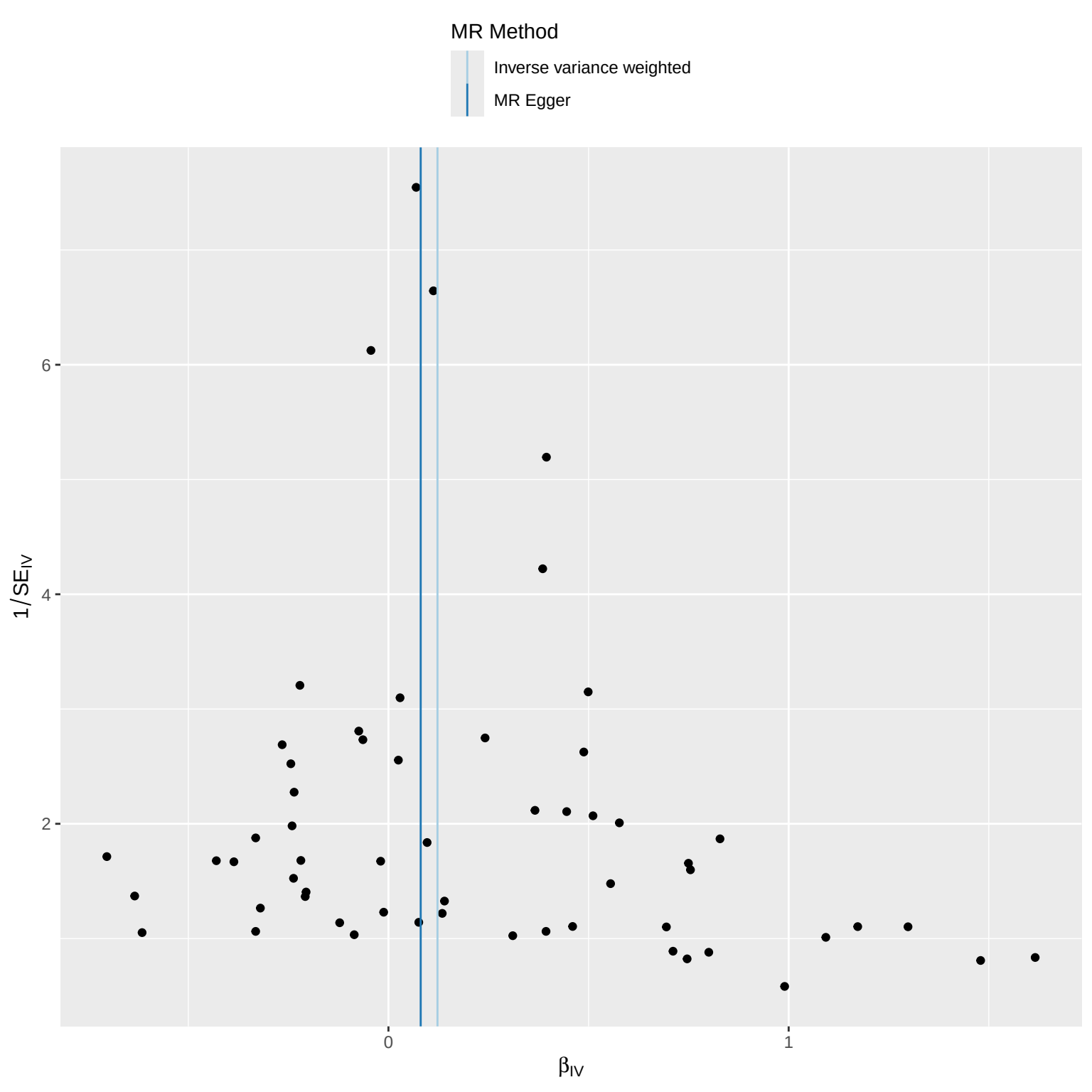

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

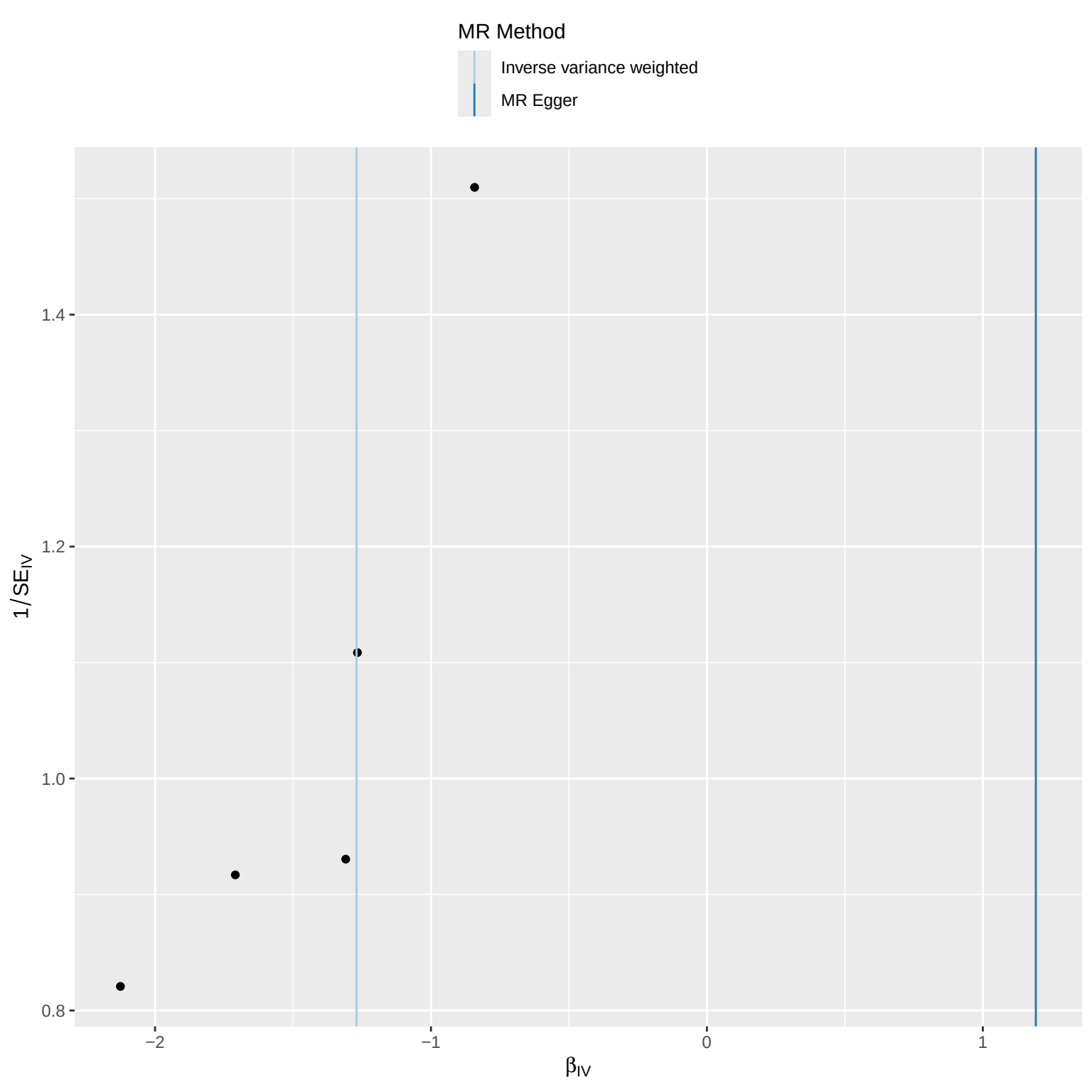

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

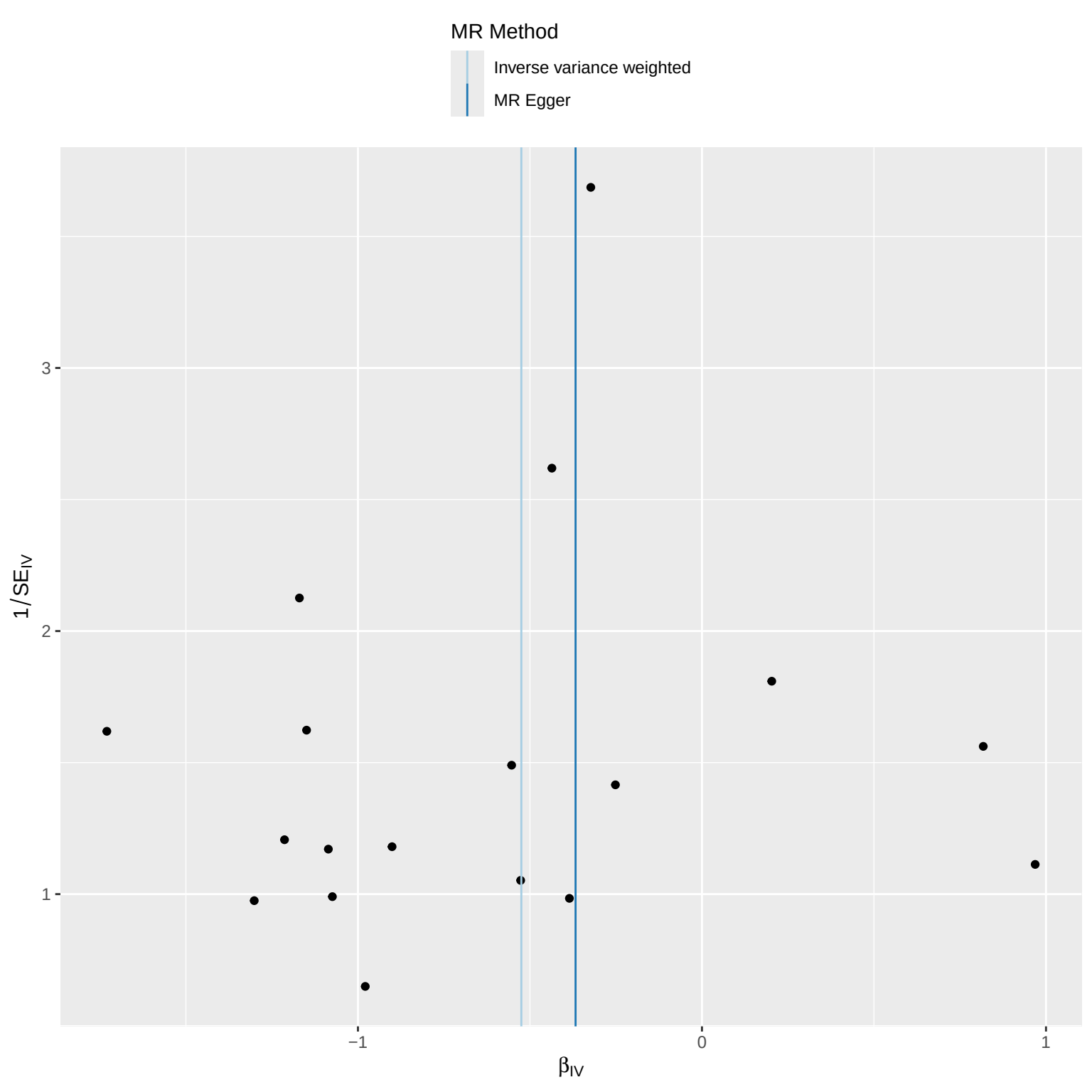

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

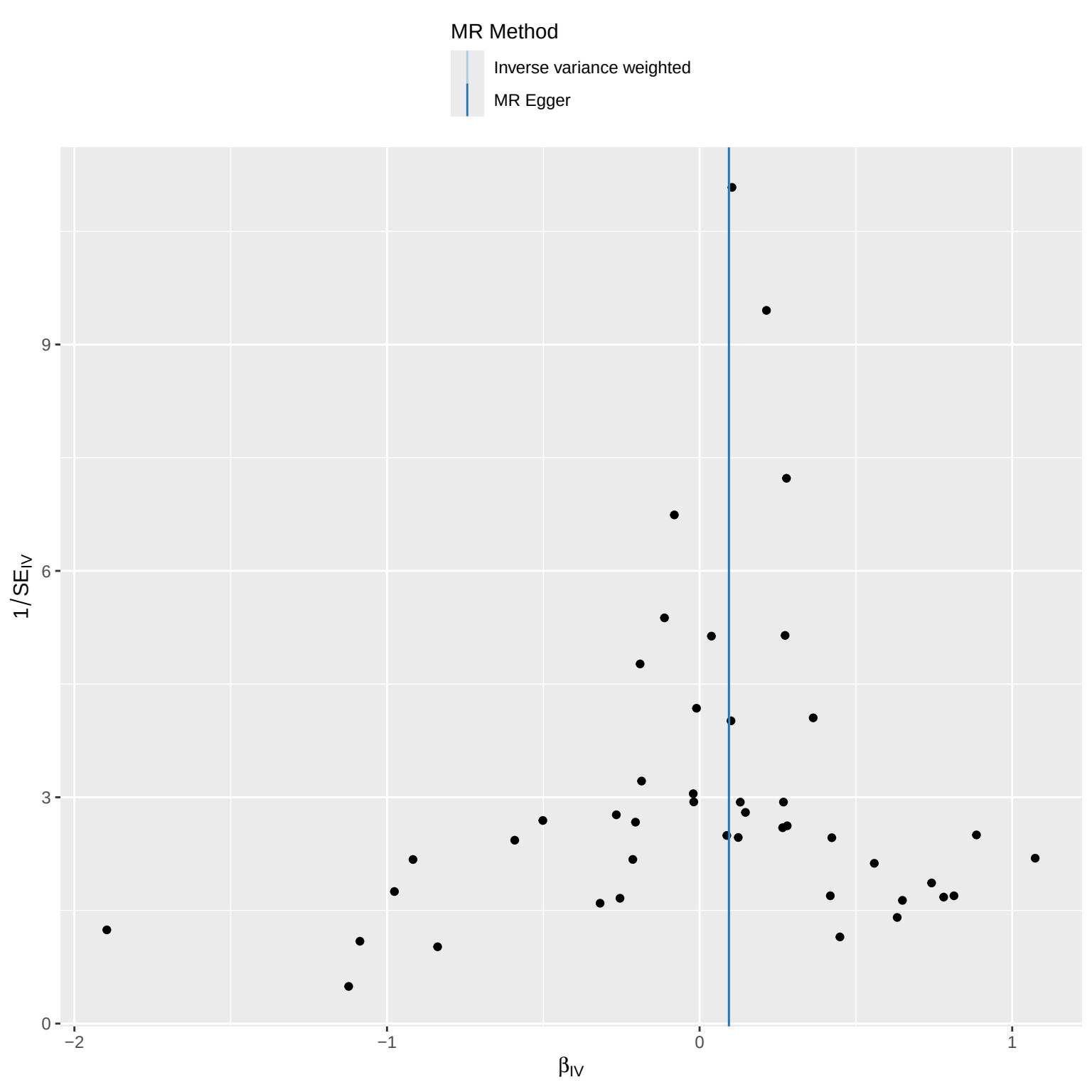

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.8
−0.6
−0.4
−0.2
β_IV

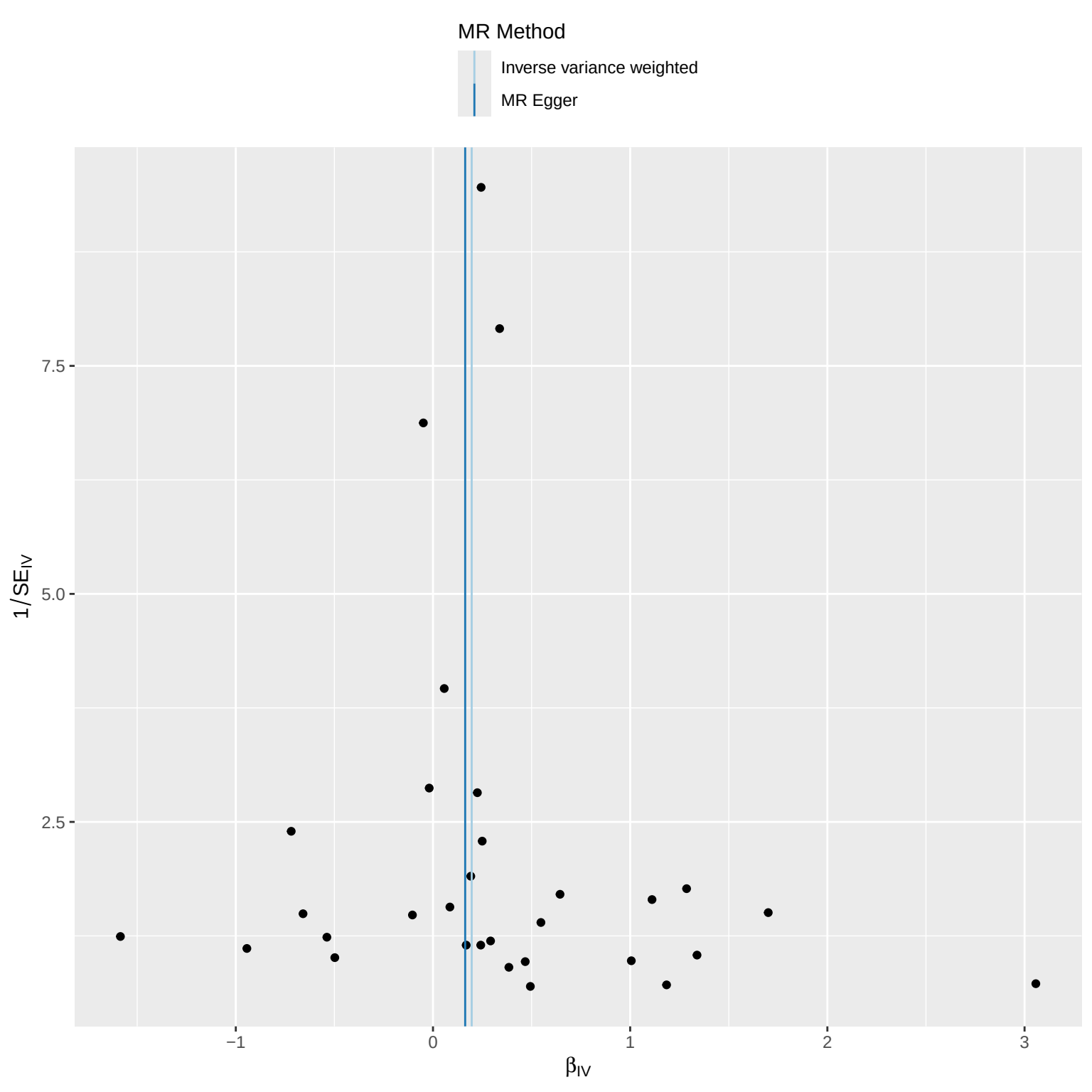

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

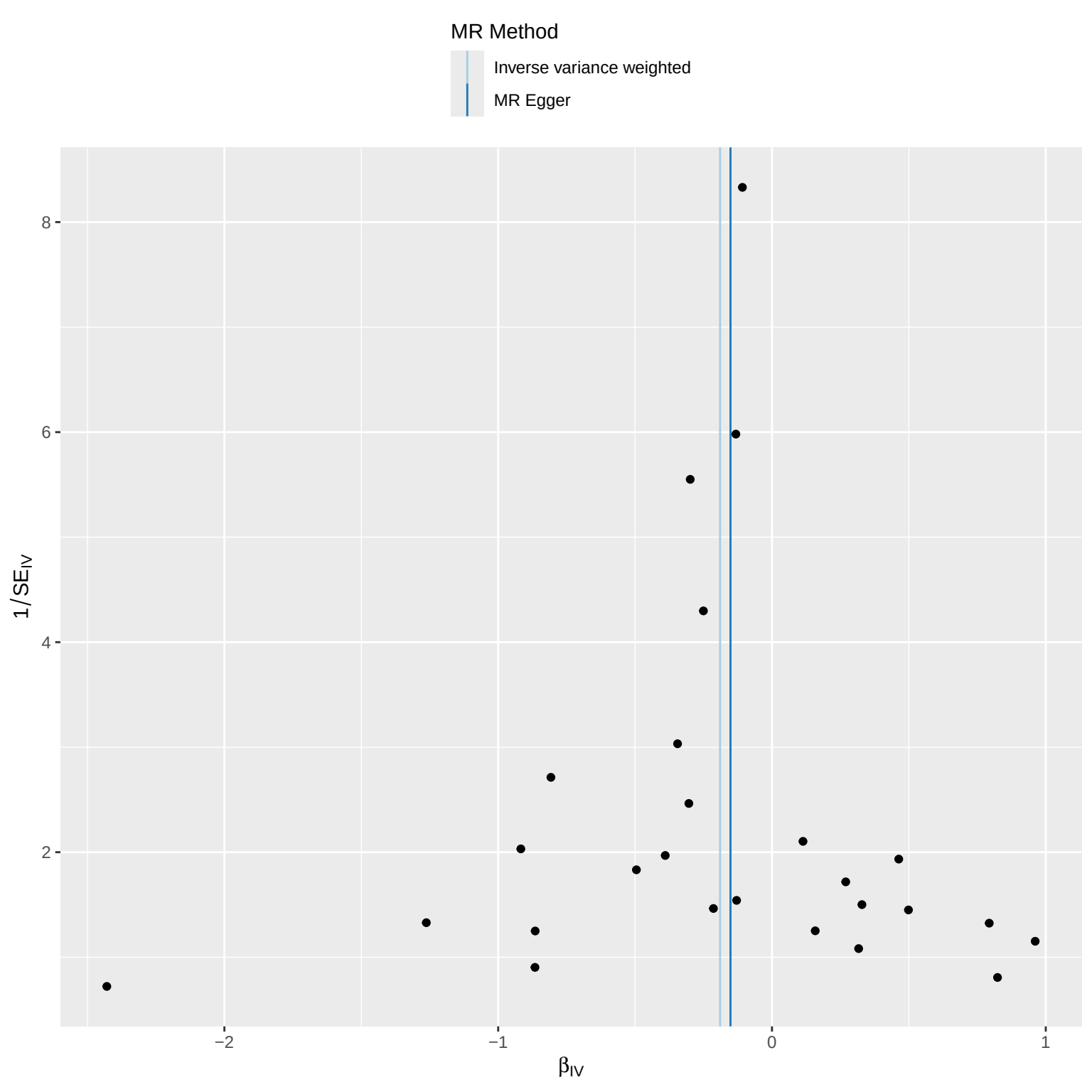

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1
1/SE_IV
β_IV

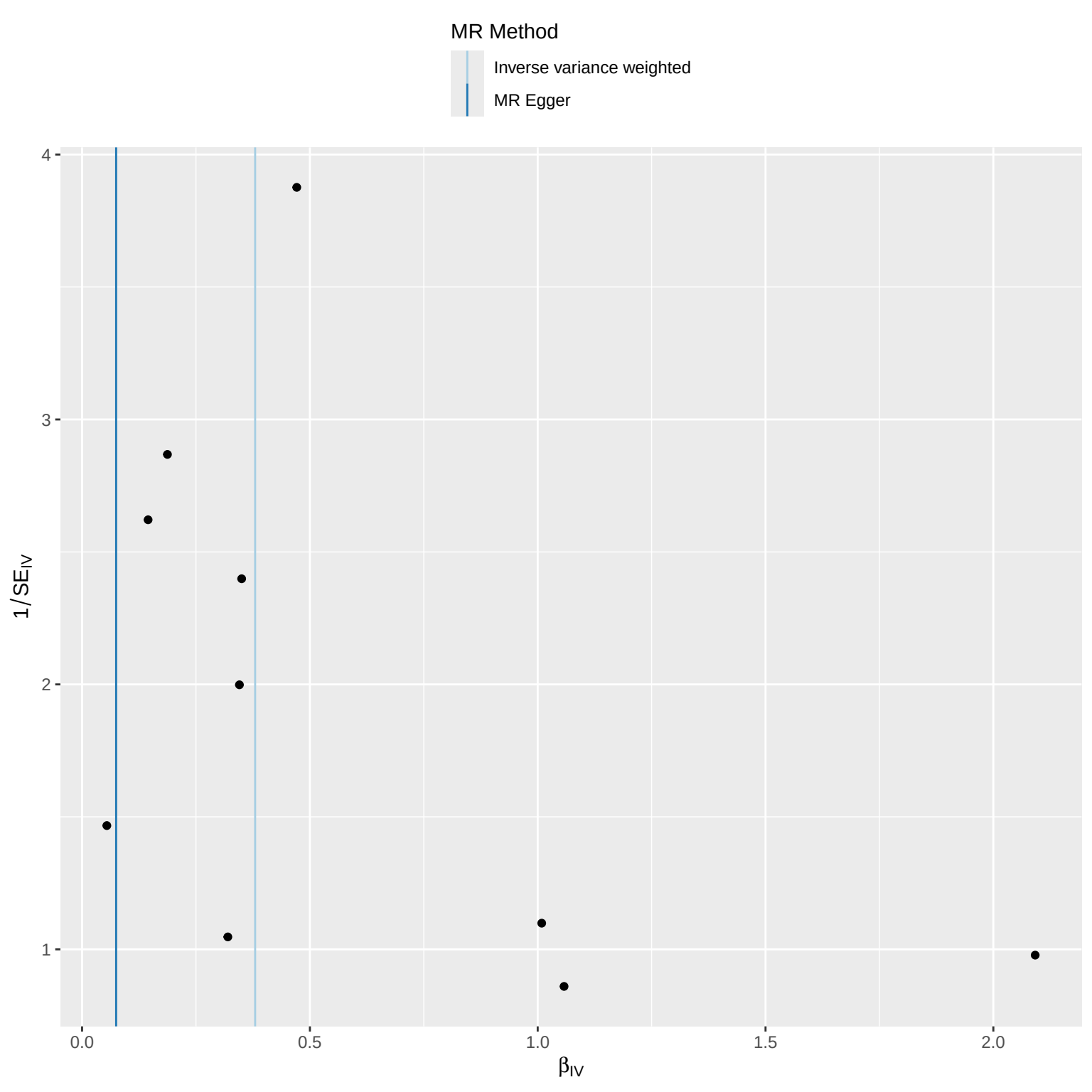

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
−2
−1
0
1
β_IV

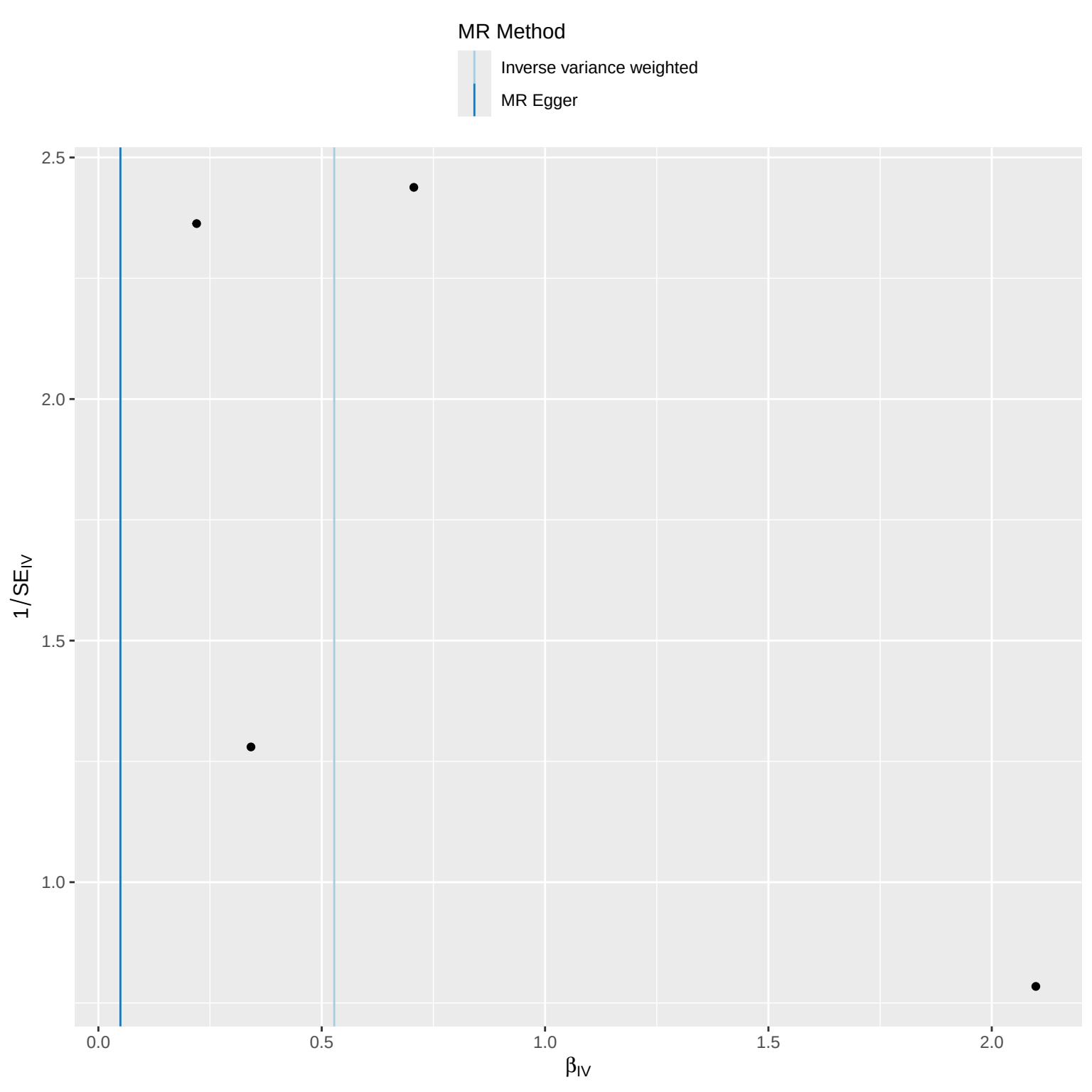

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

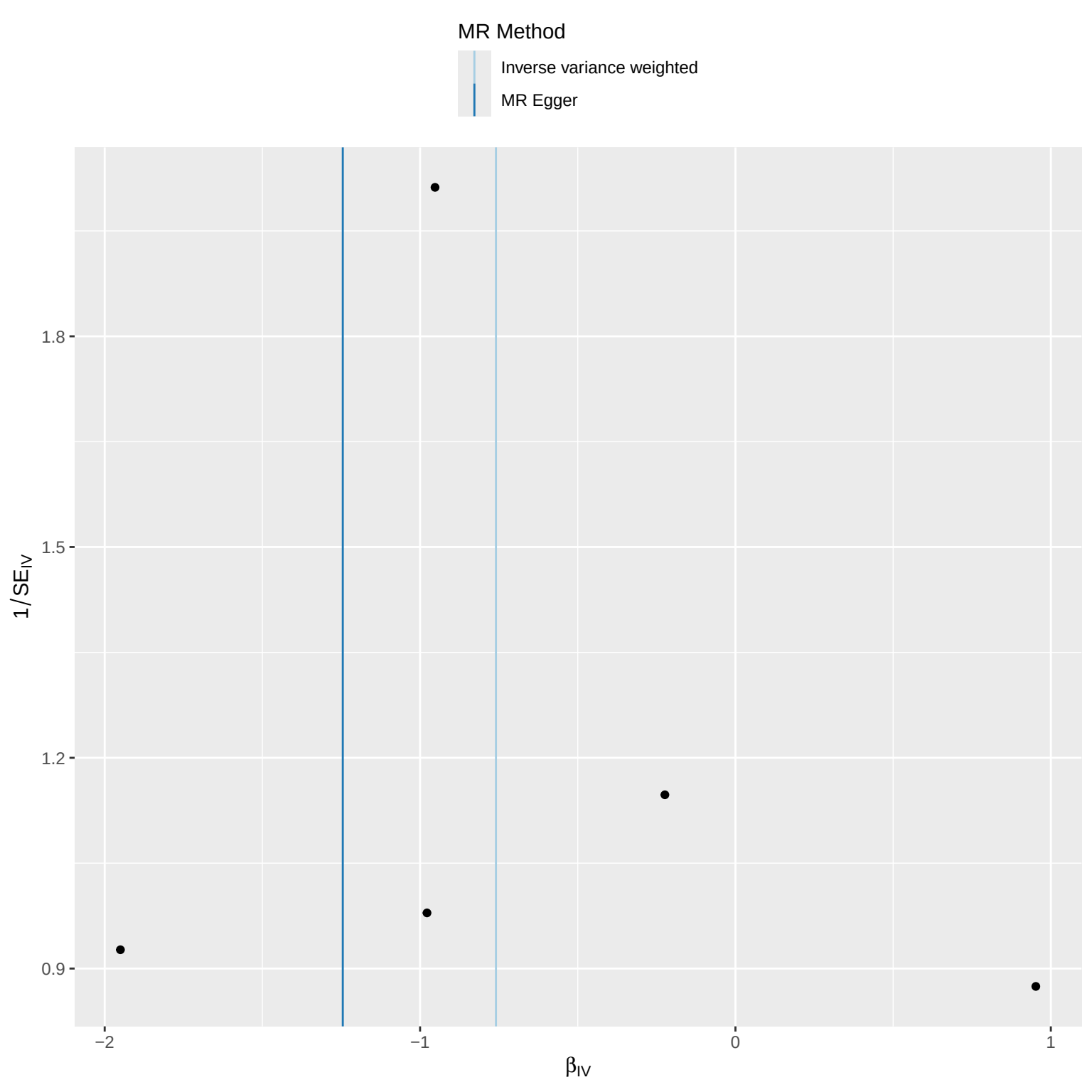

MR Method
Inverse variance weighted
MR Egger
9
6
3
0
1/SE_IV
−2
−1
0
1
β_IV

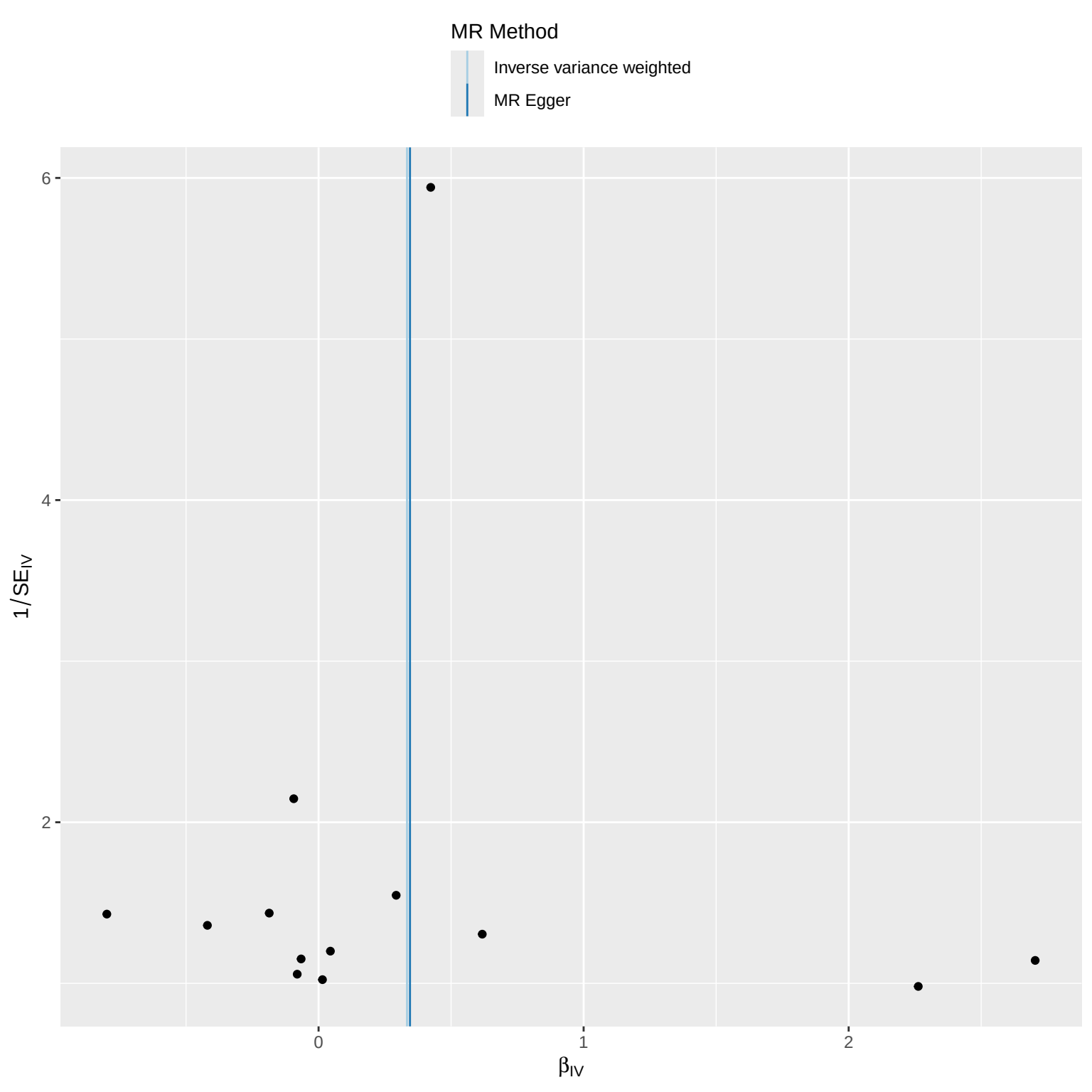

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
3
β_IV

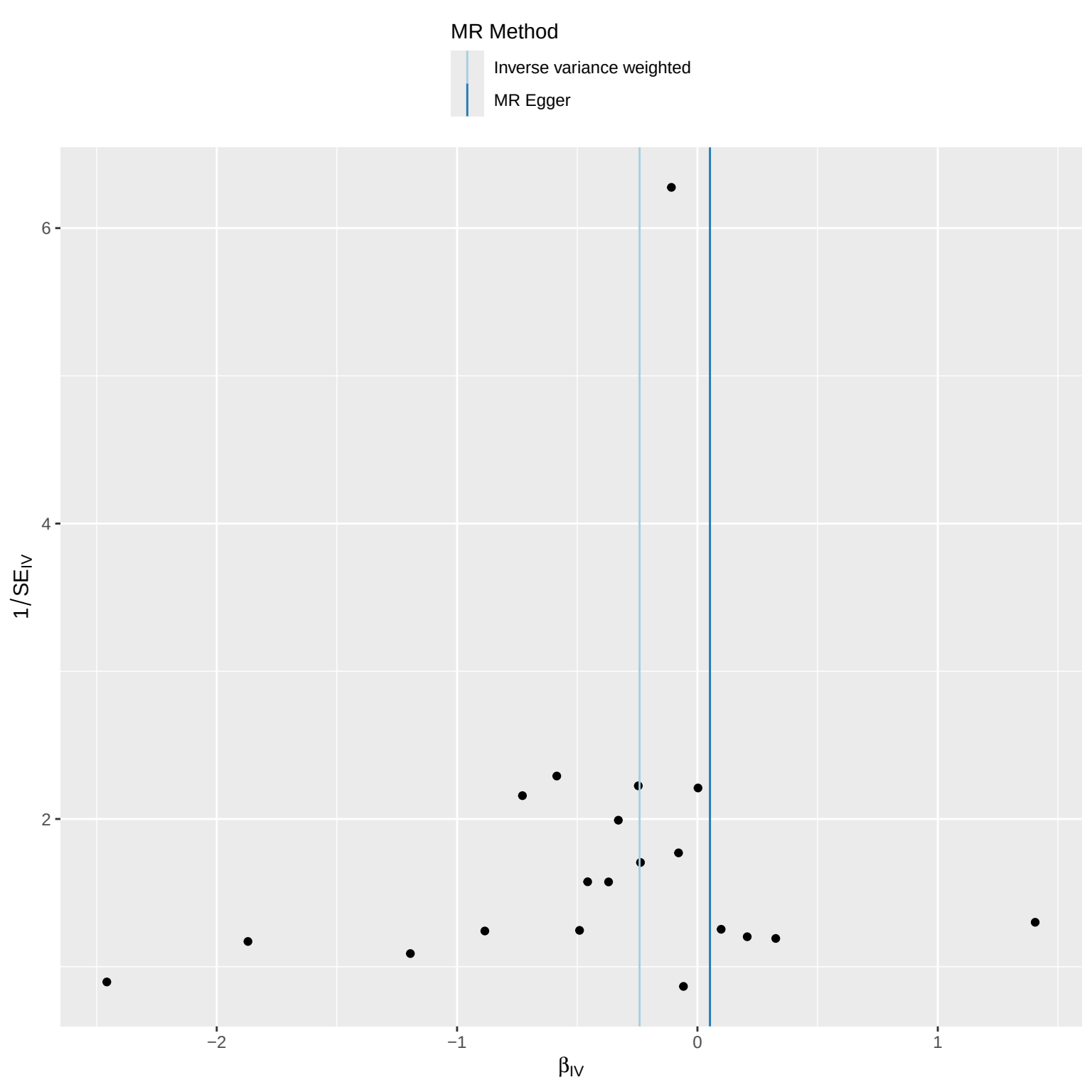

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

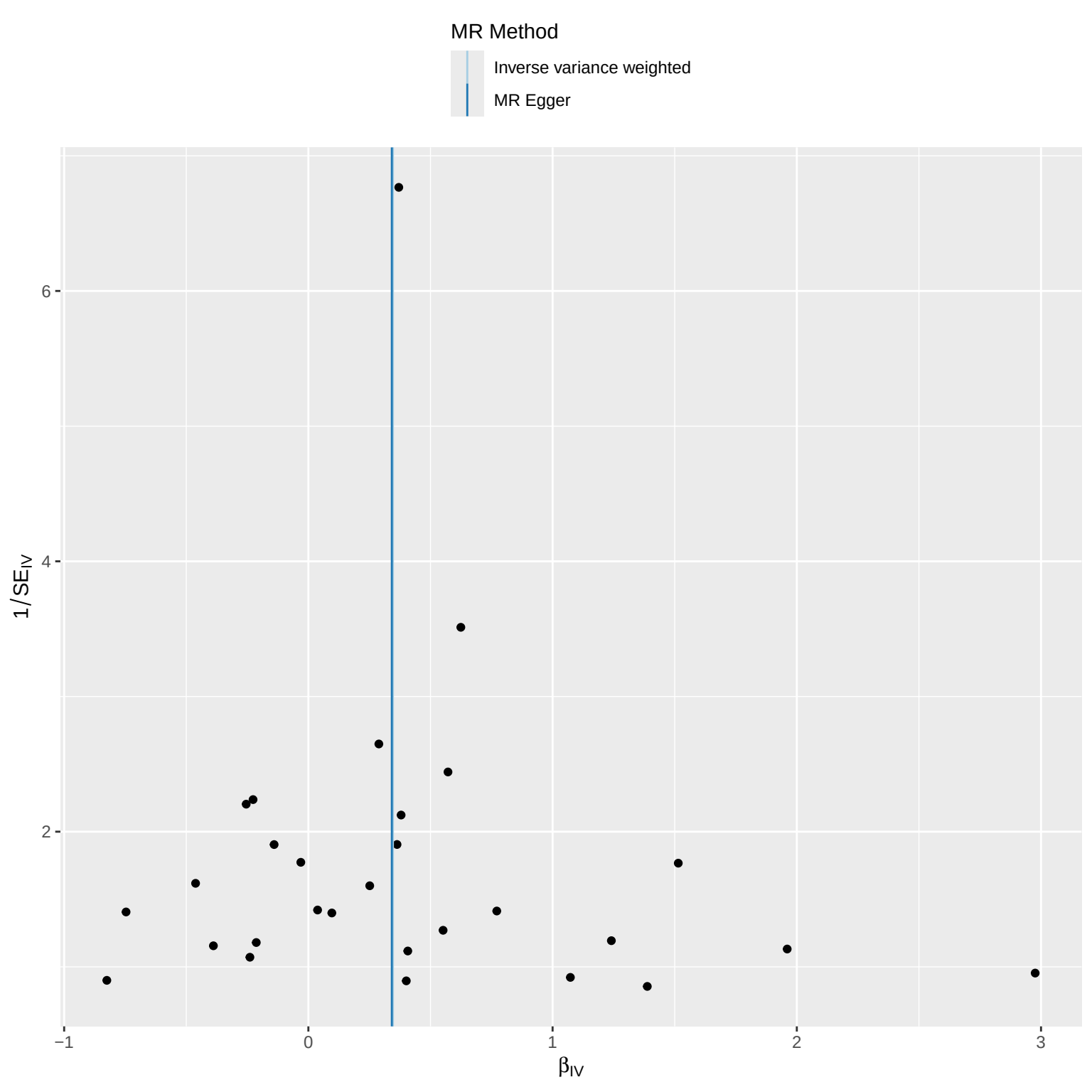

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0.0
0.5
1.0
1.5
2.0
1/SE_IV
β_IV

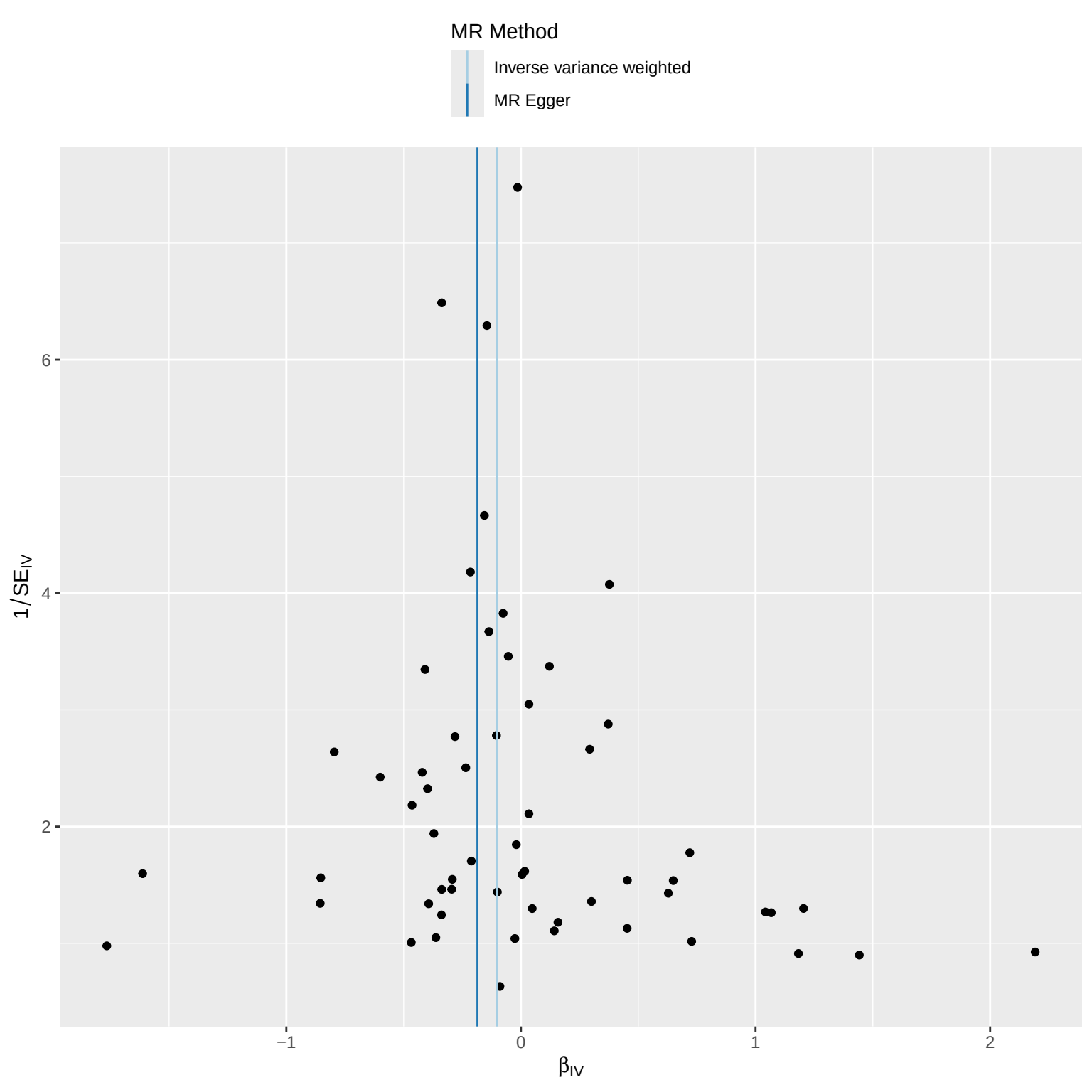

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

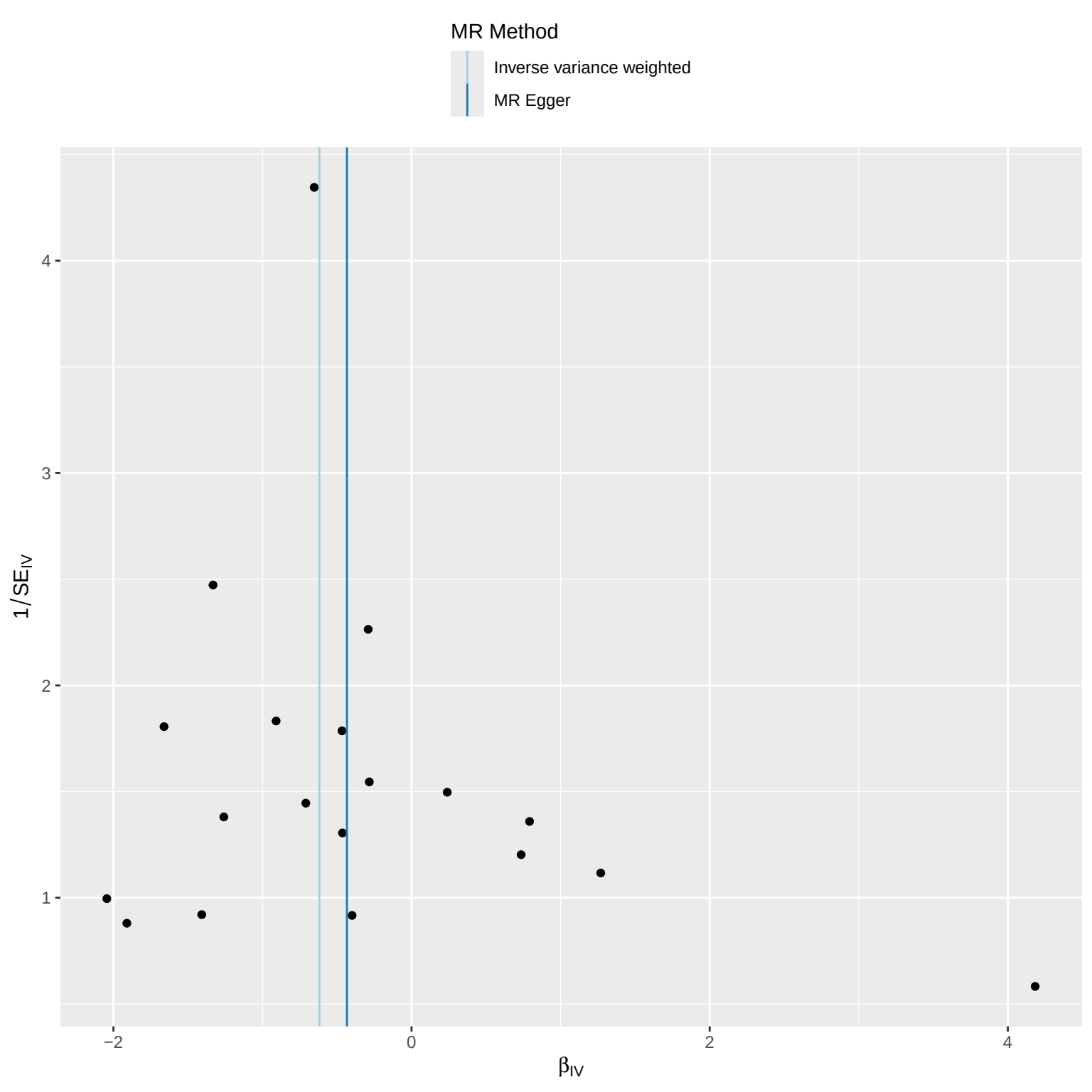

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
−2
−1
0
1
β_IV

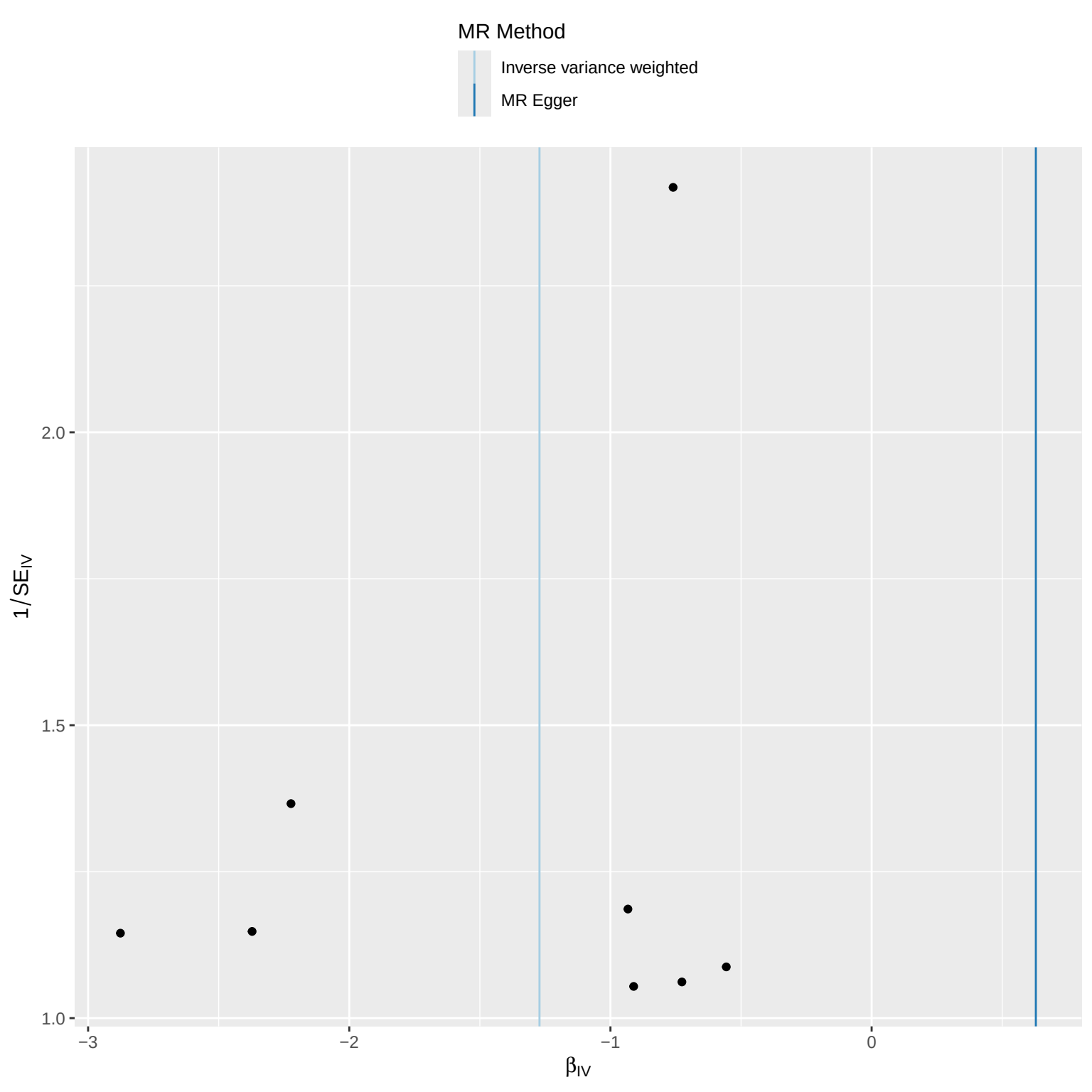

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

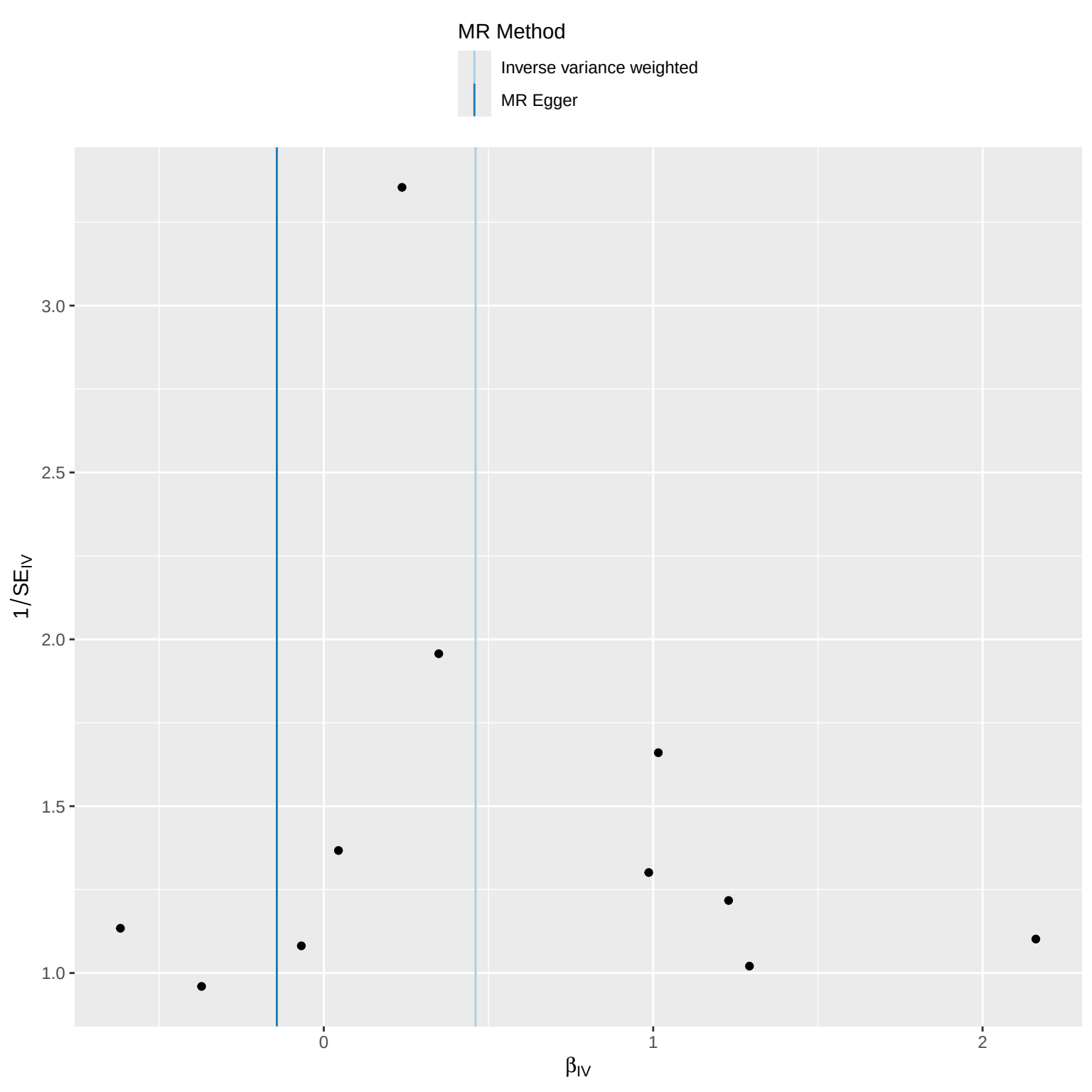

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

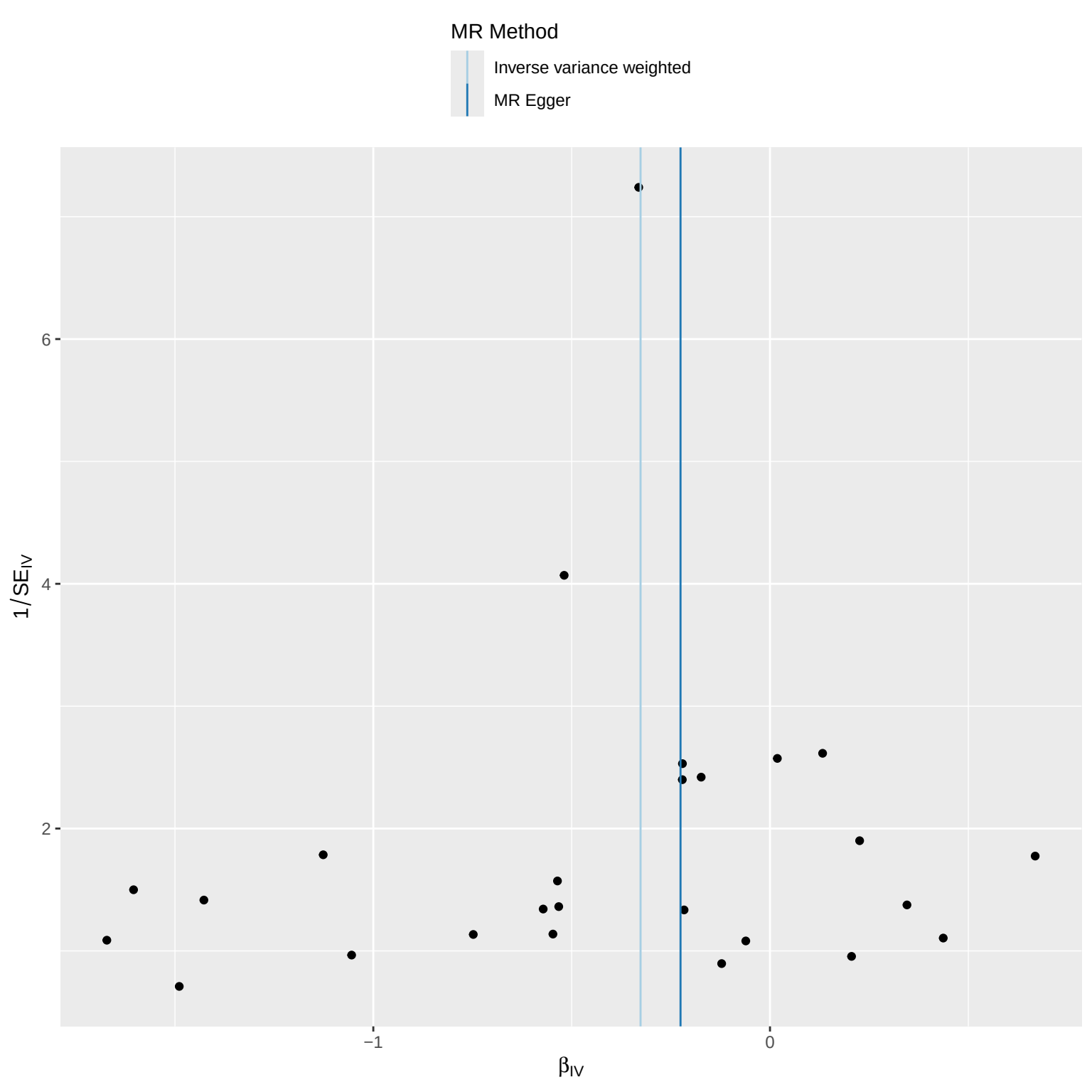

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
3
β_IV

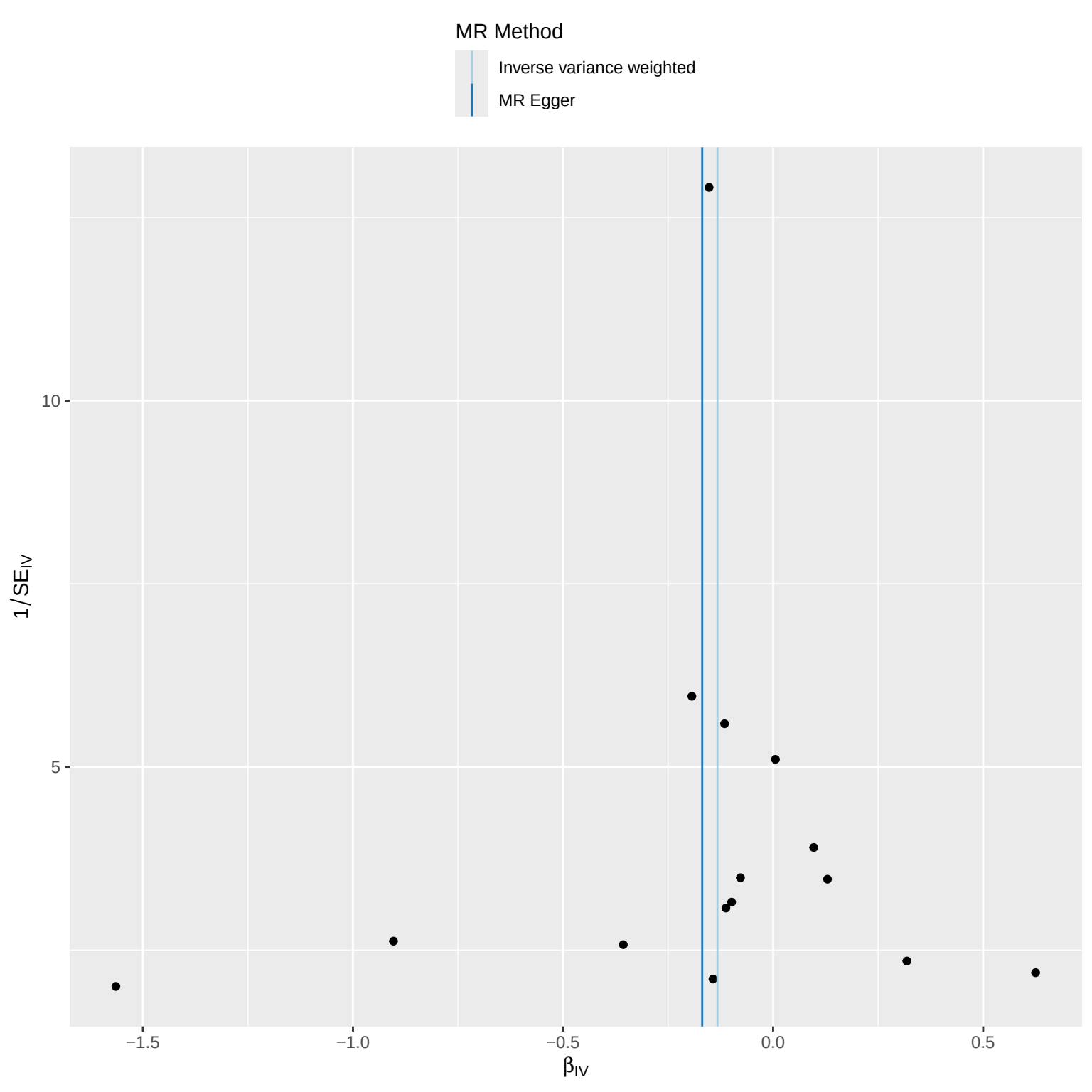

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

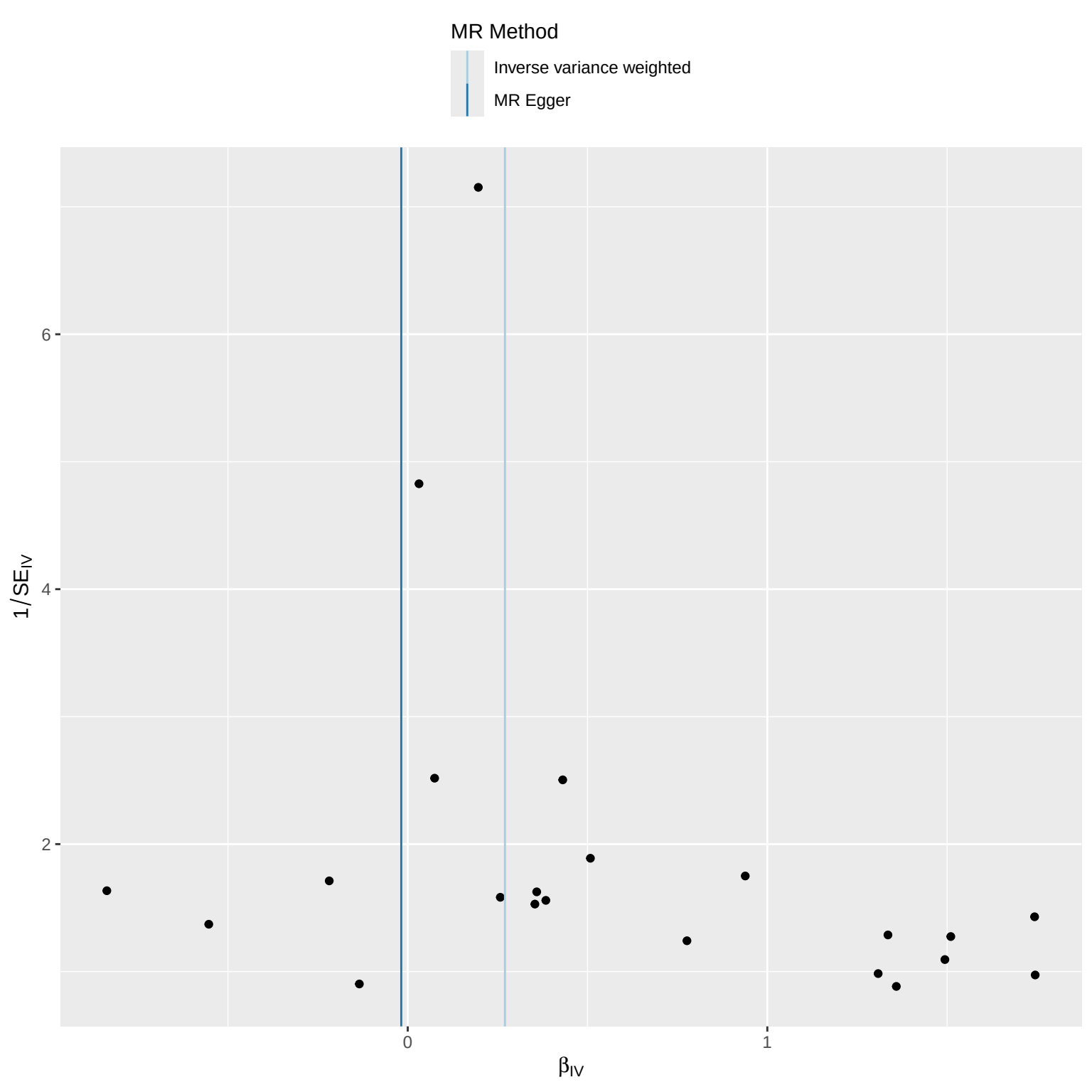

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

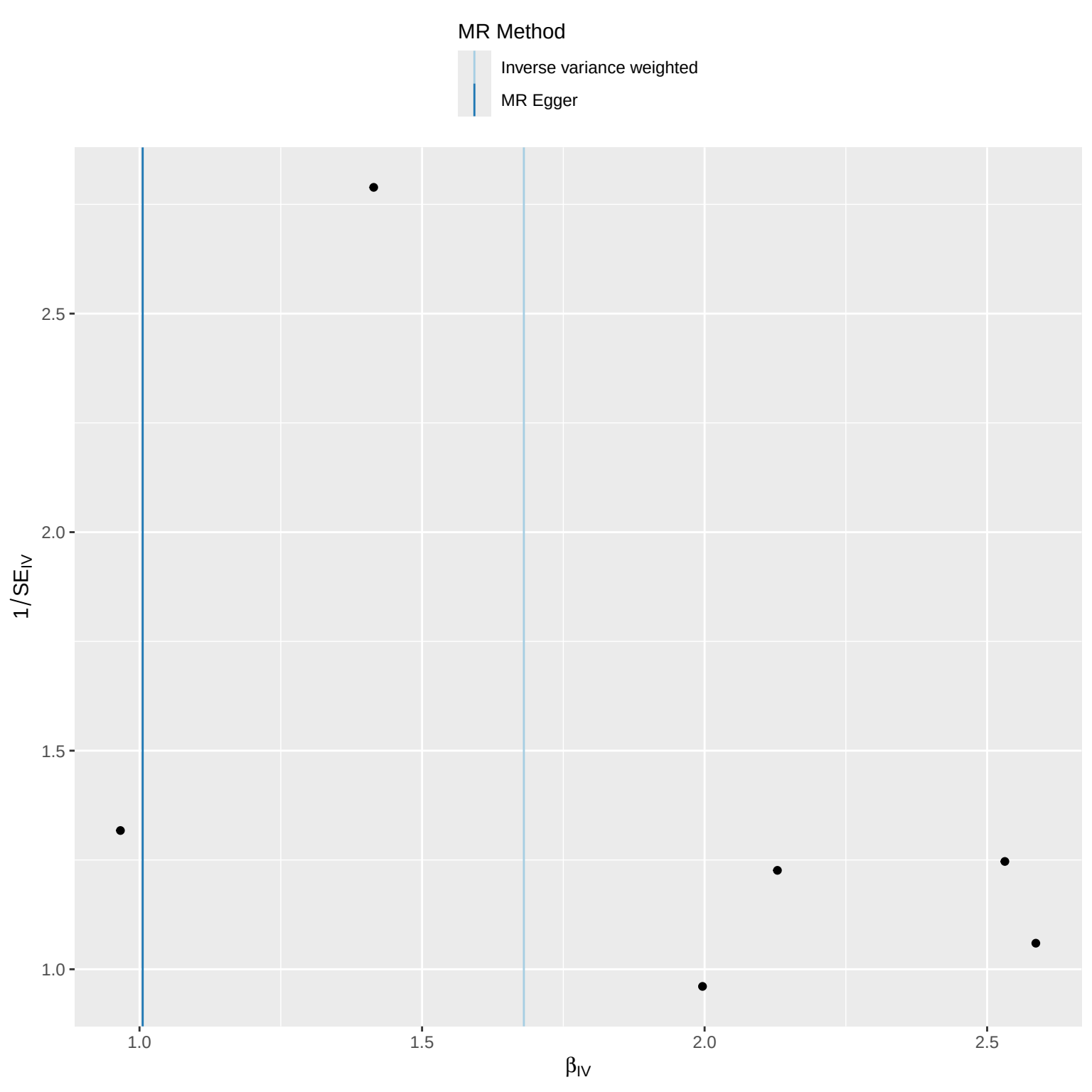

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

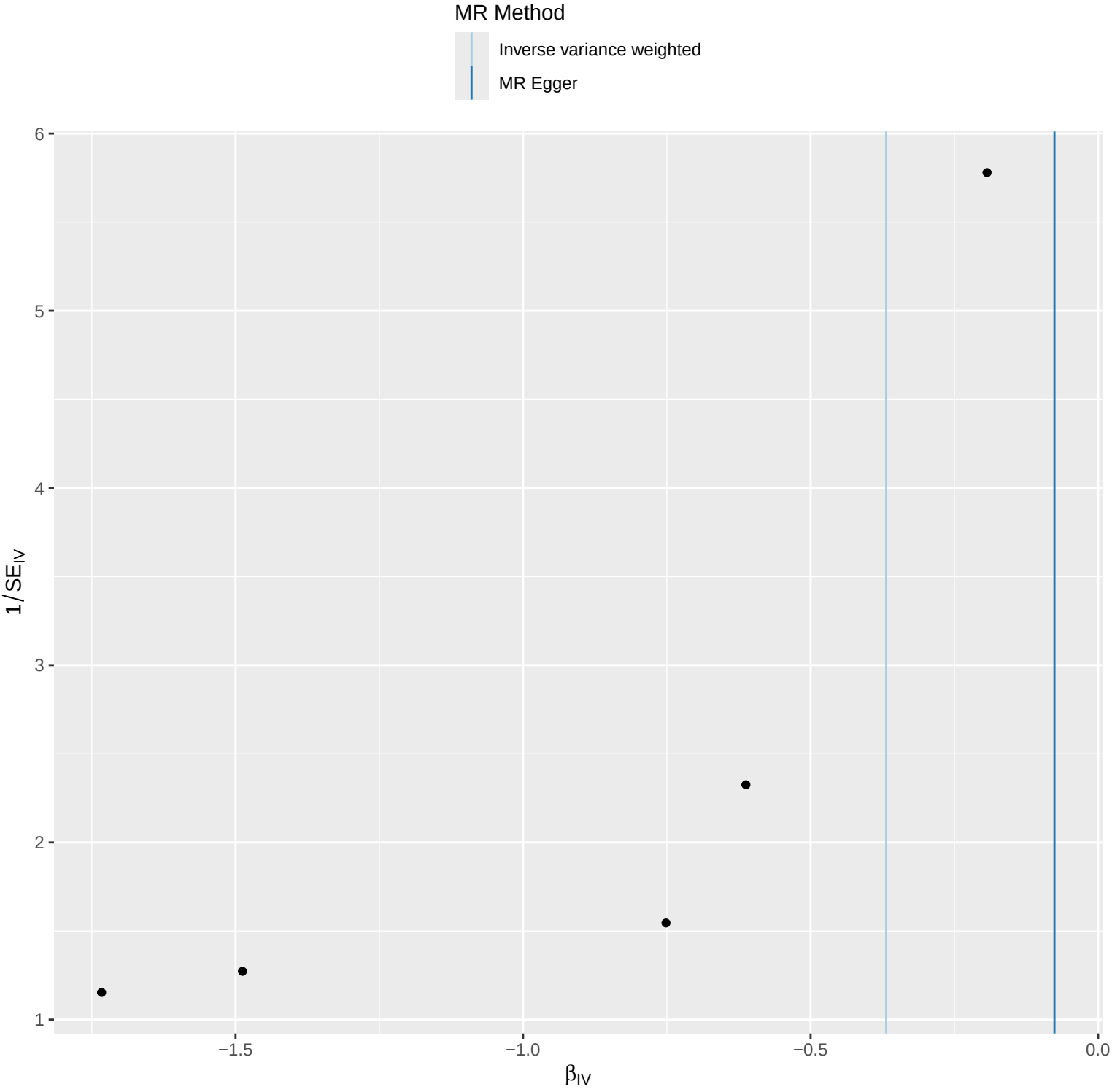

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

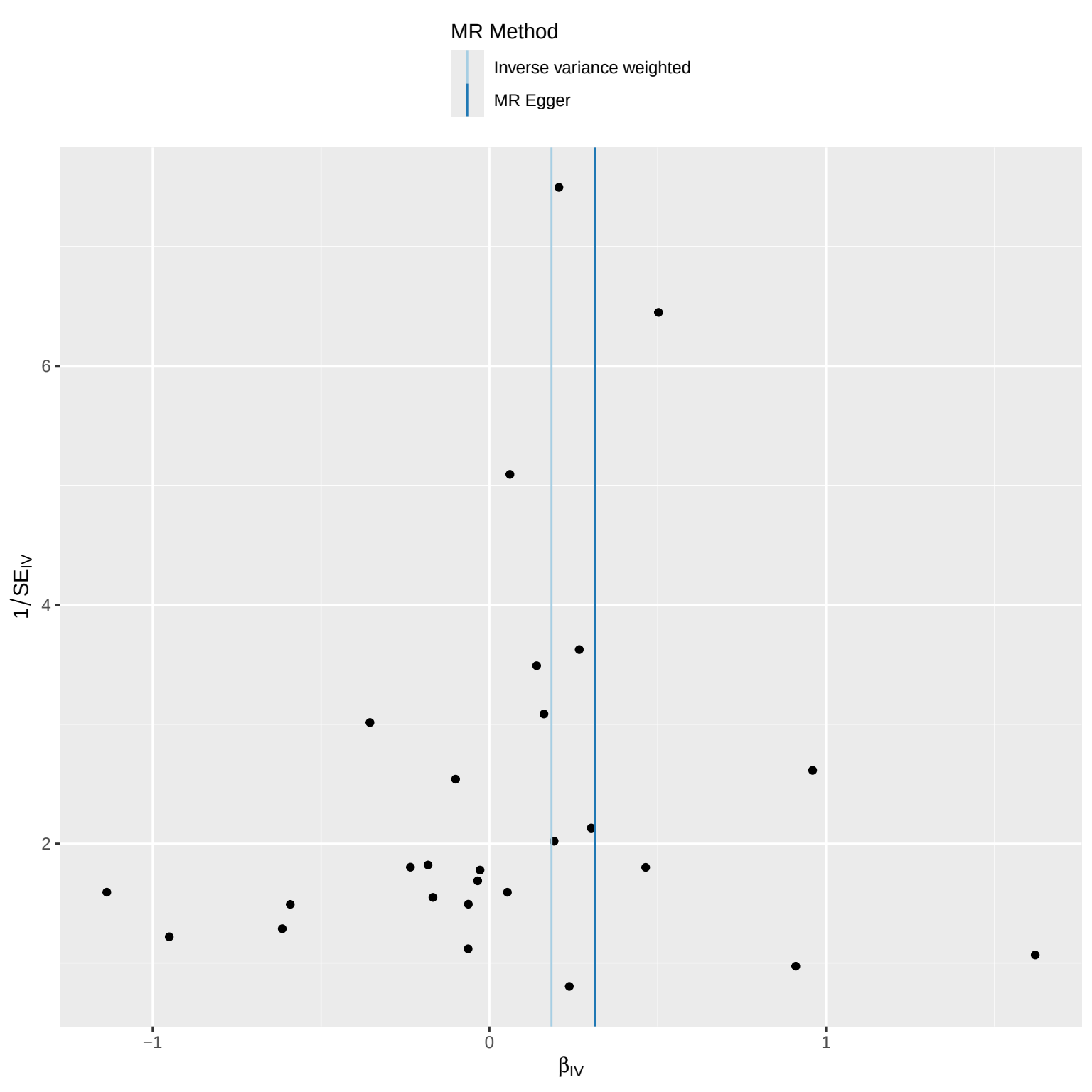

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
β_IV

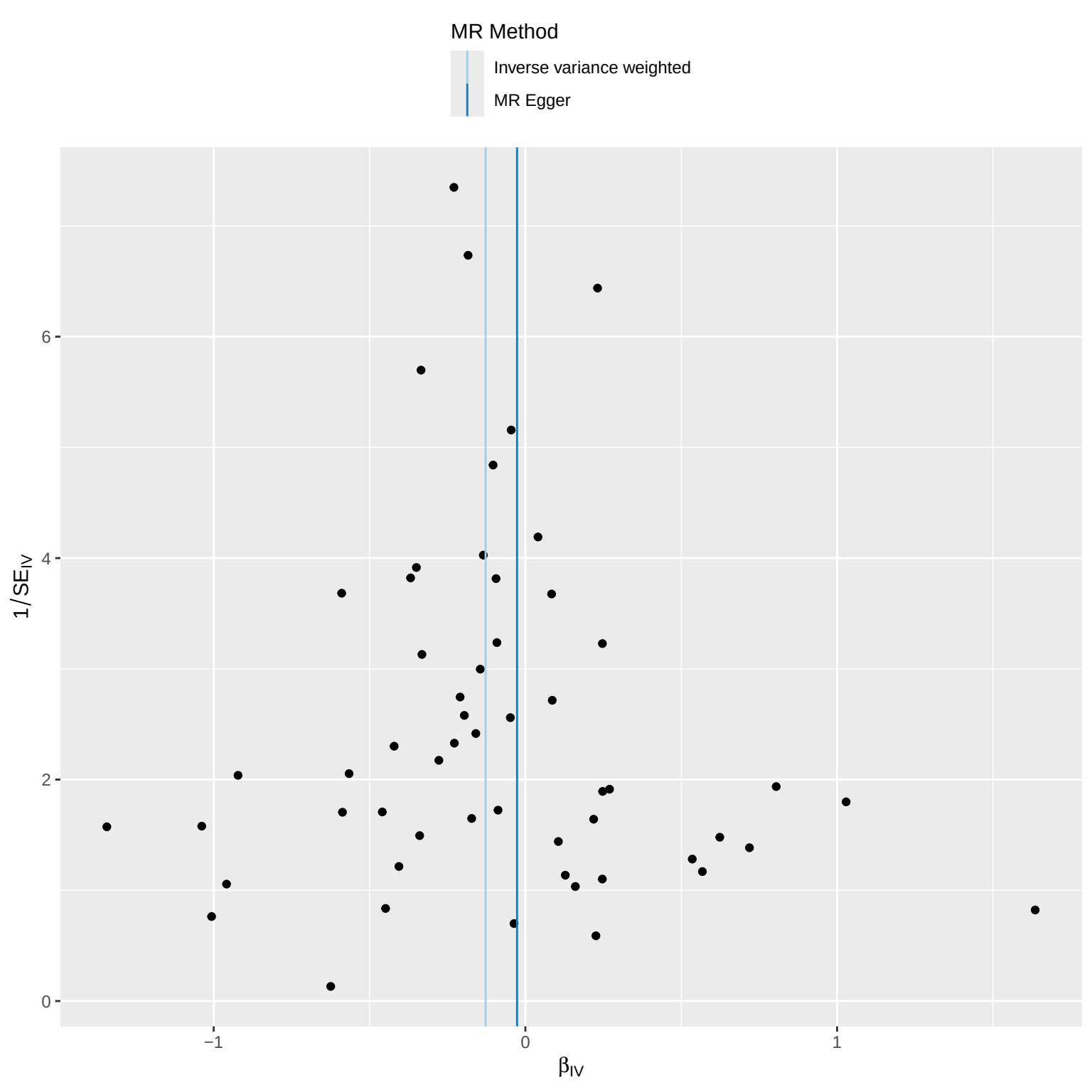

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

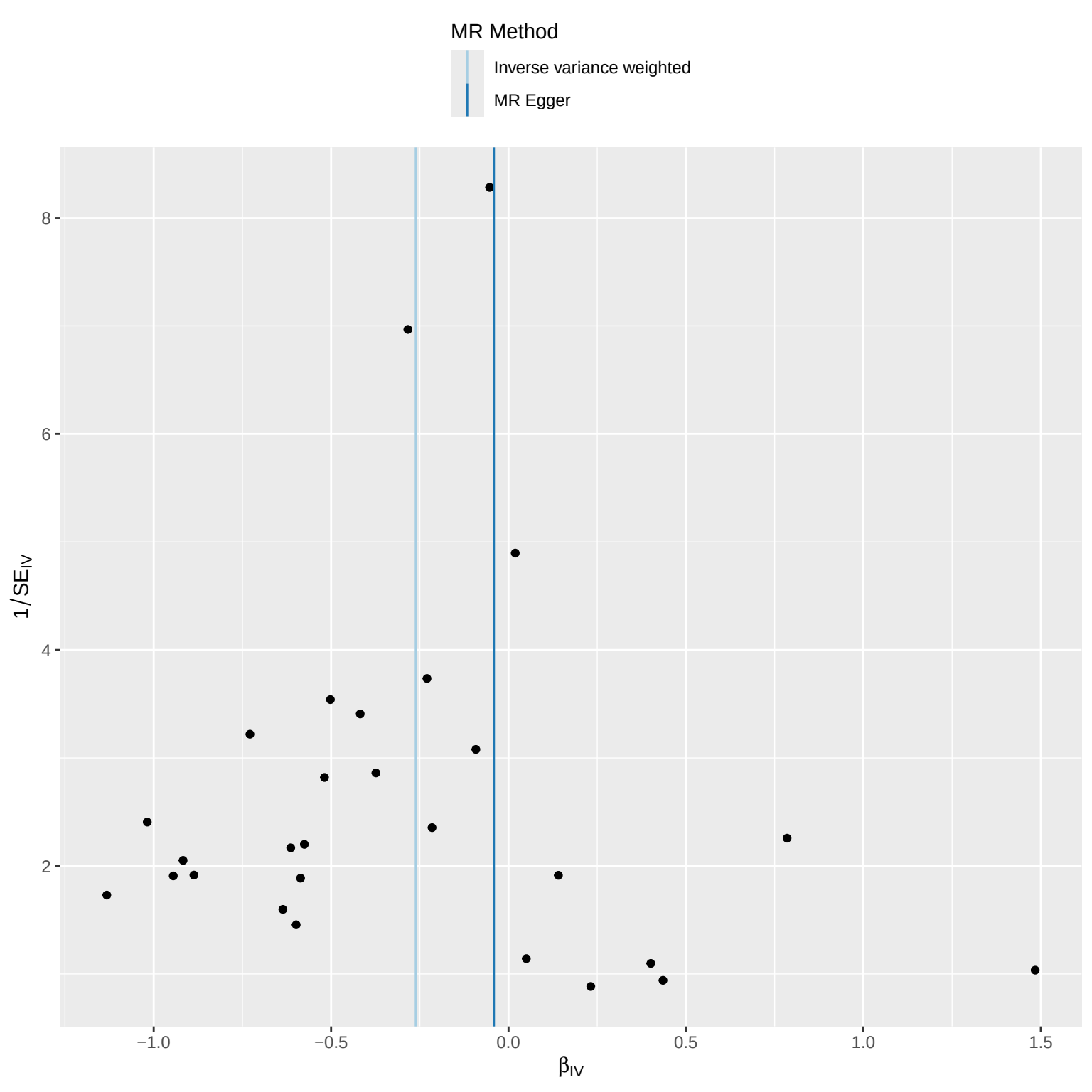

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
β_IV

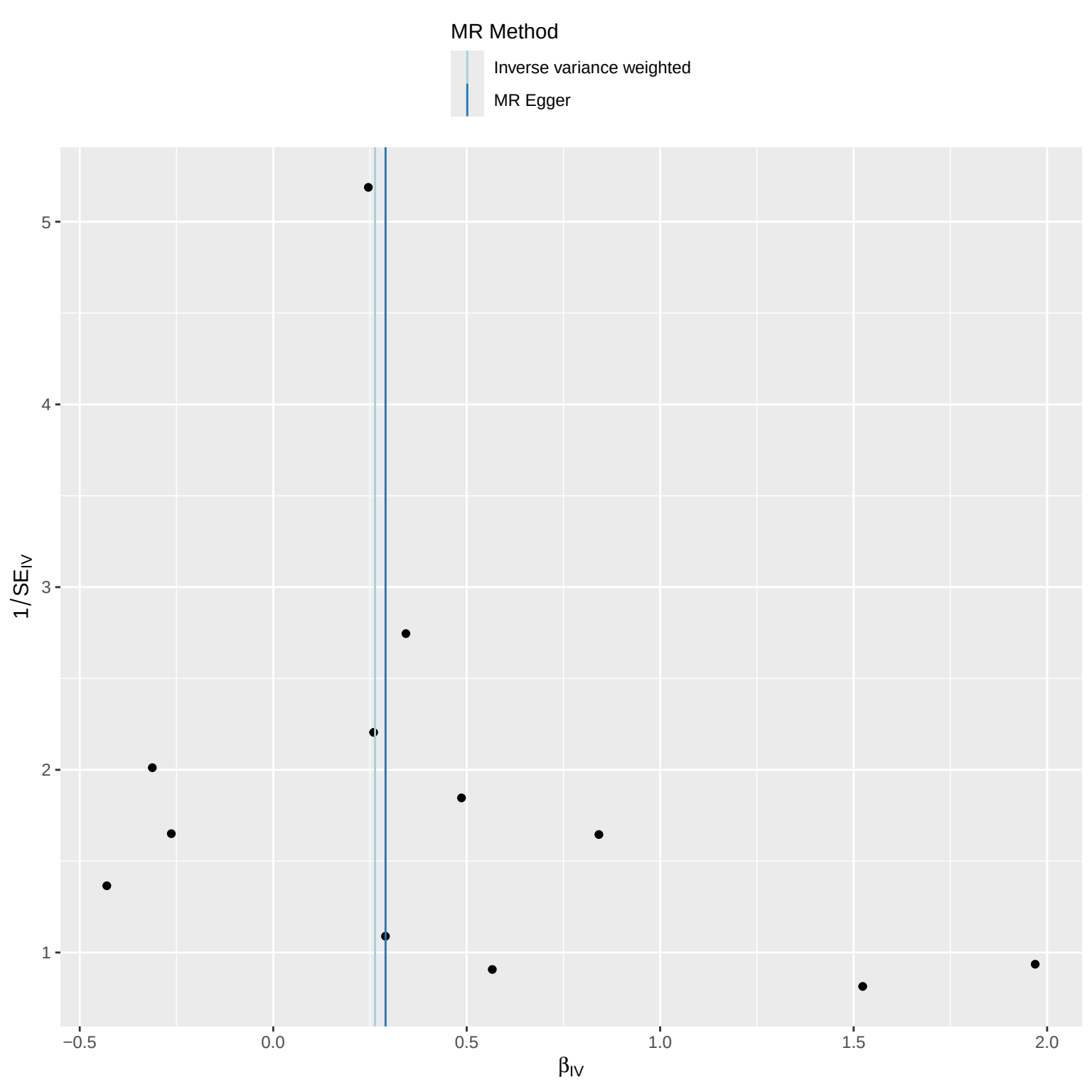

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

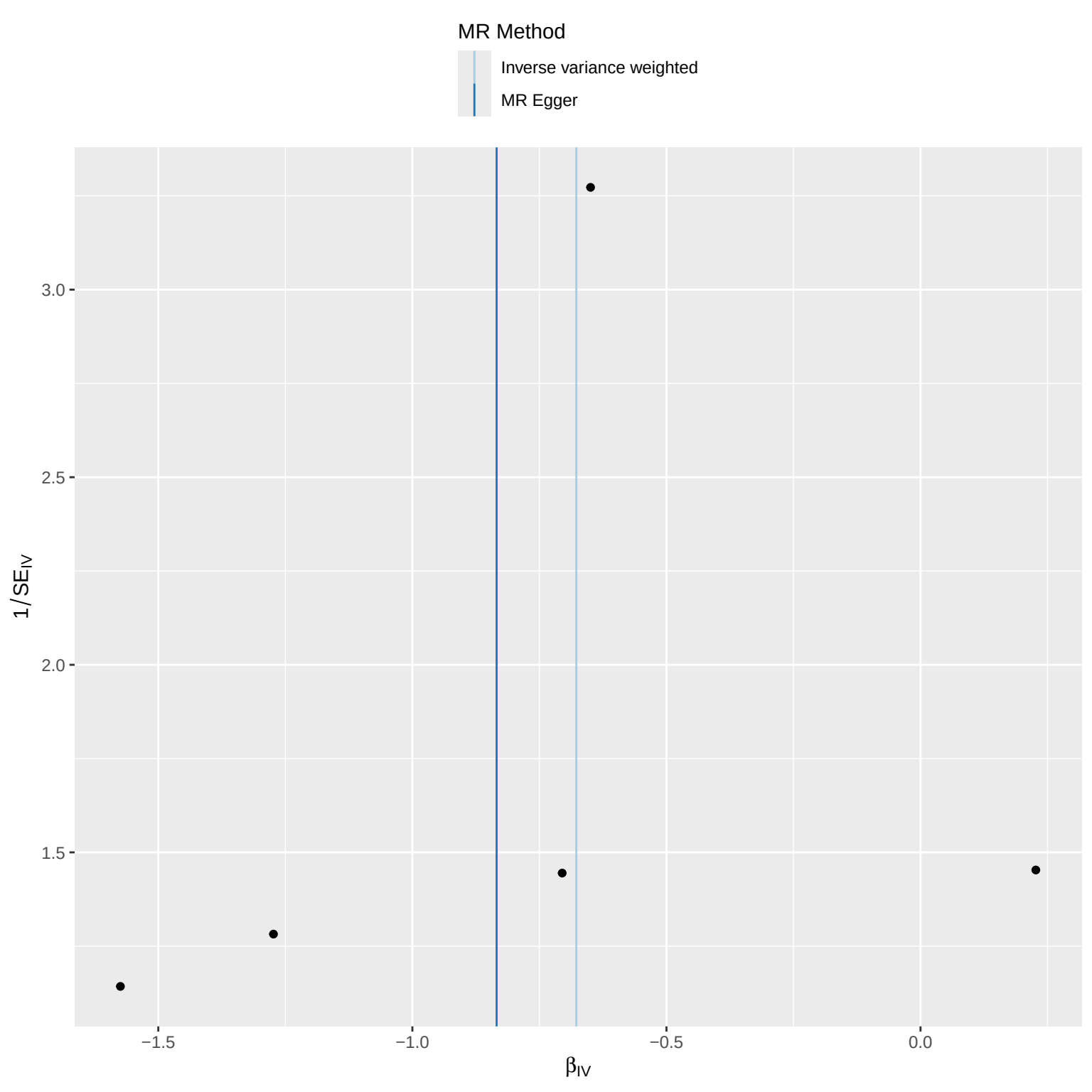

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

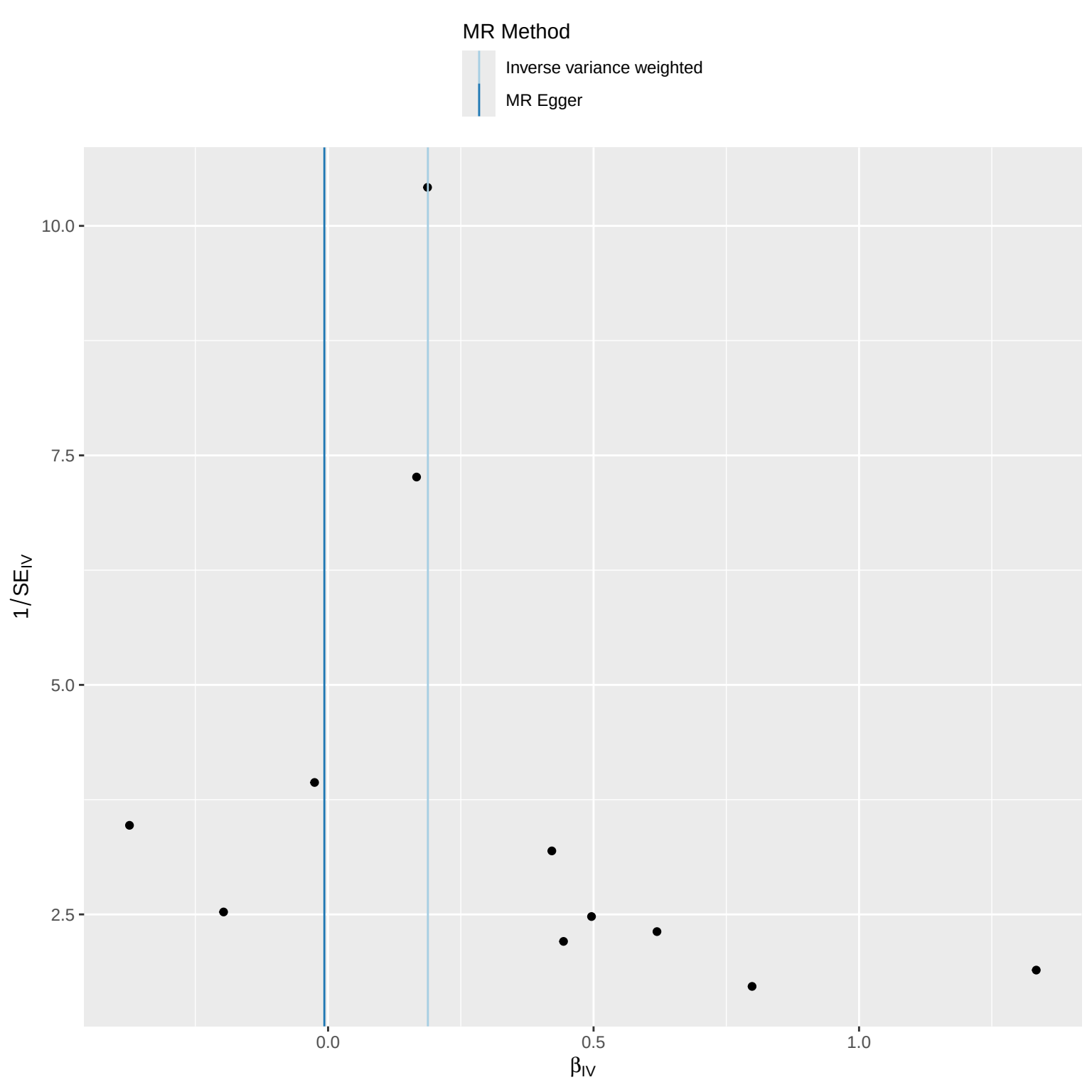

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

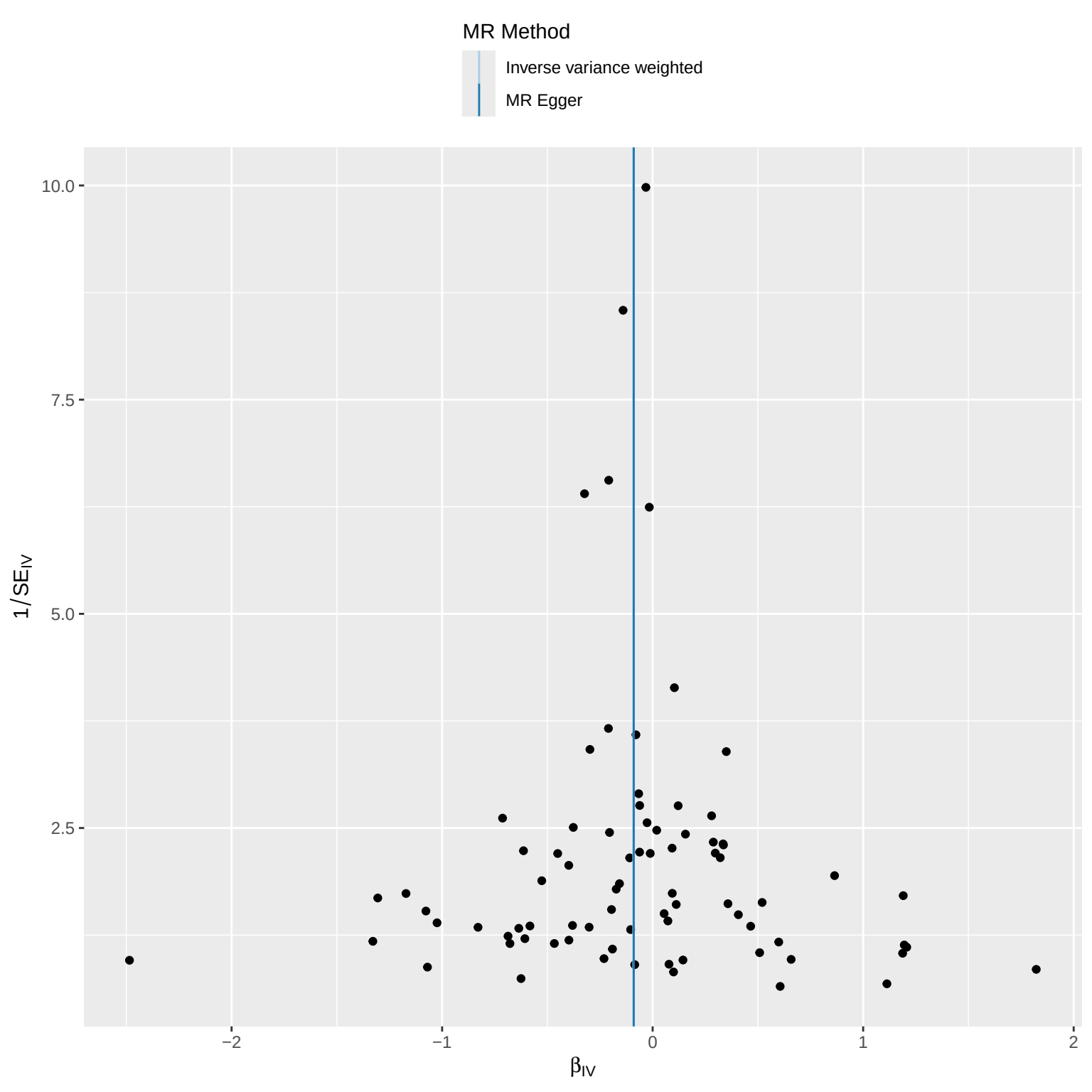

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
6
4
2
0
−1
0
1
β_IV

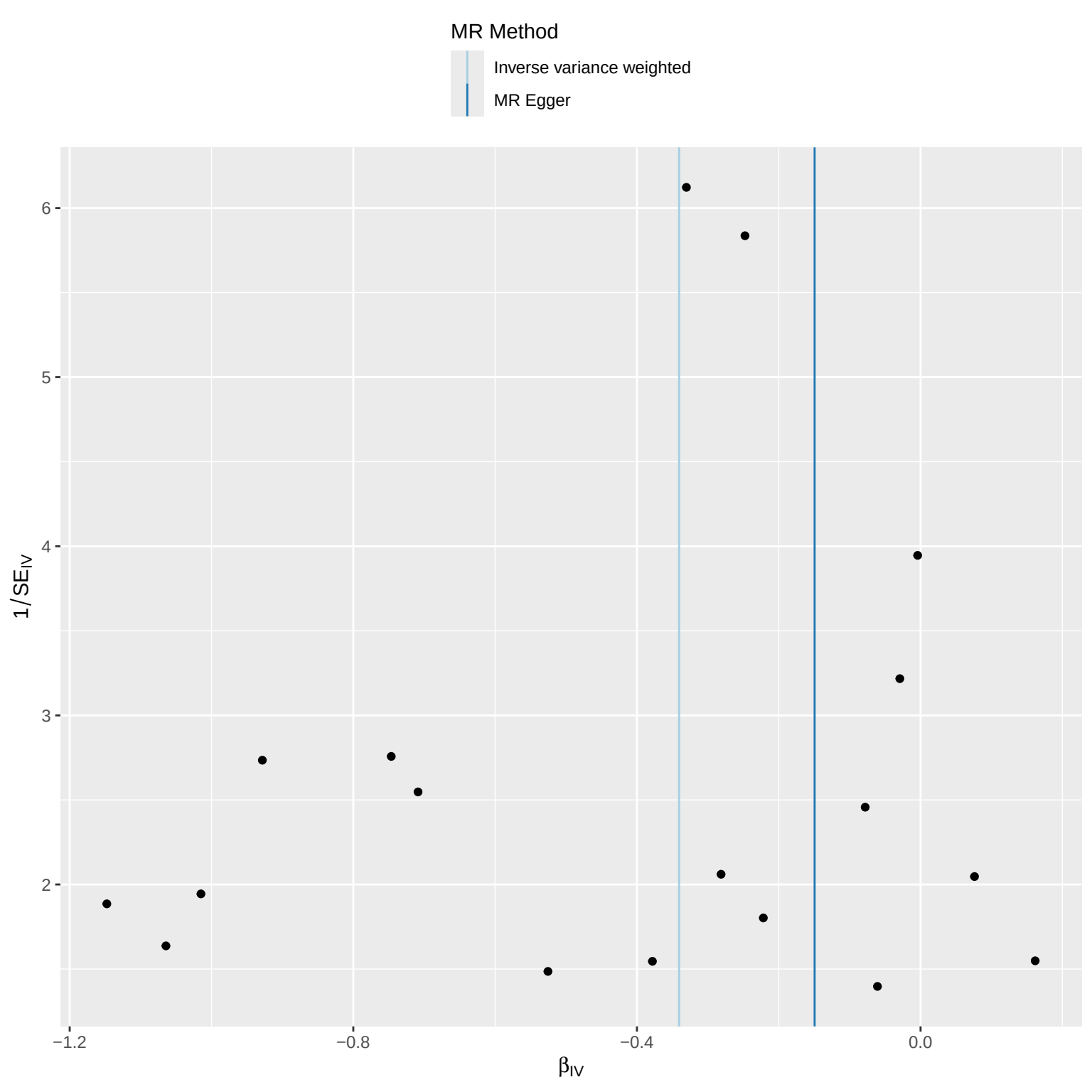

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

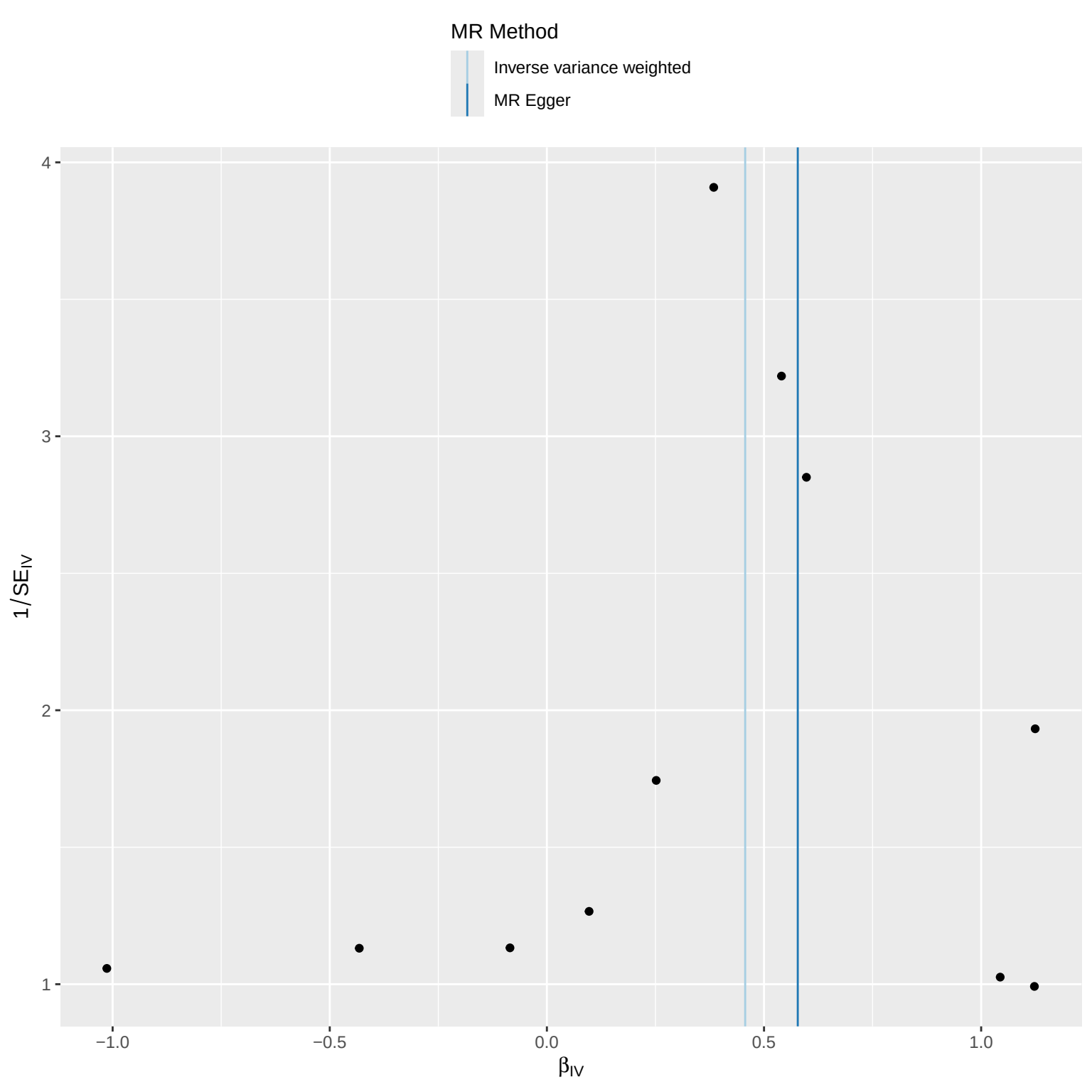

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

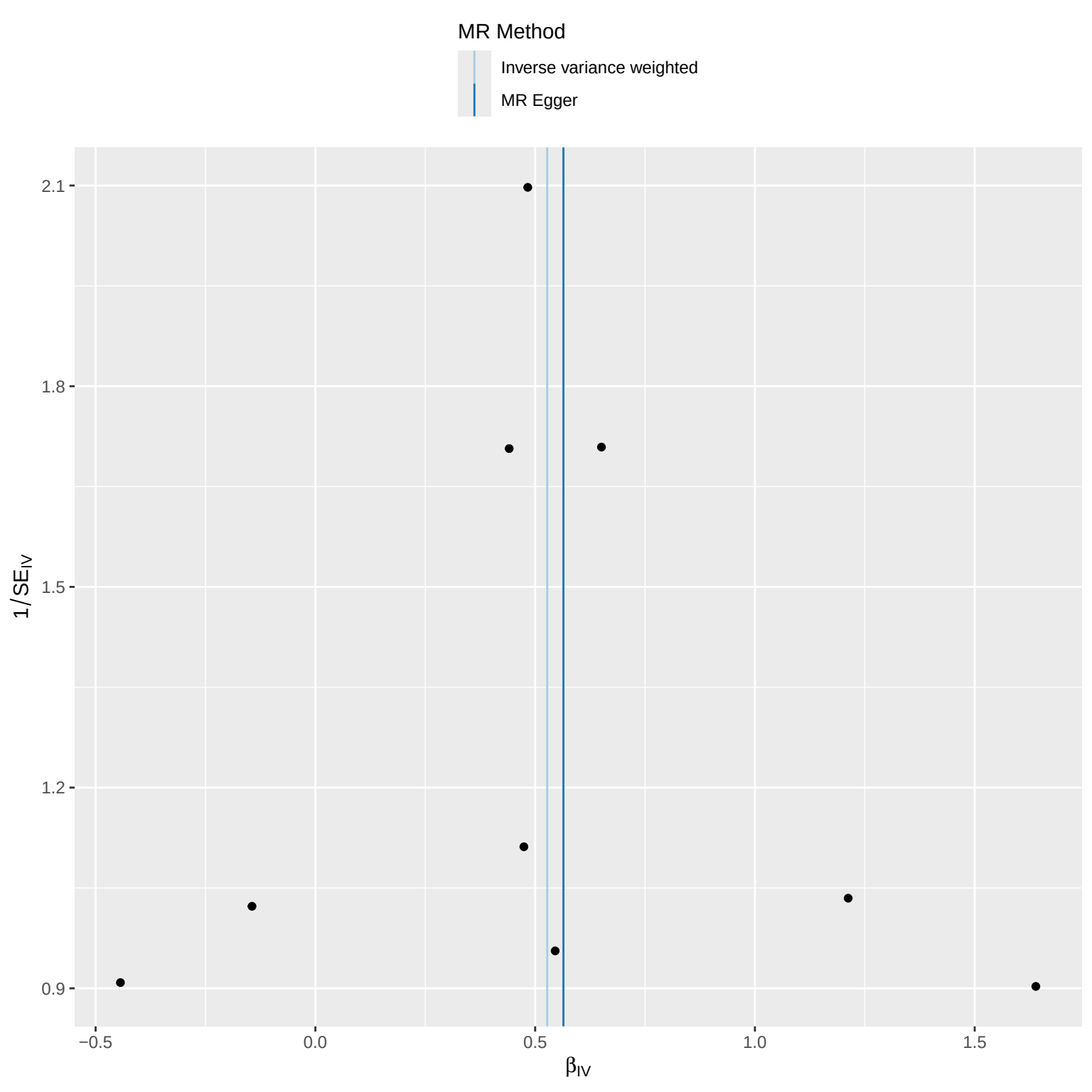

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

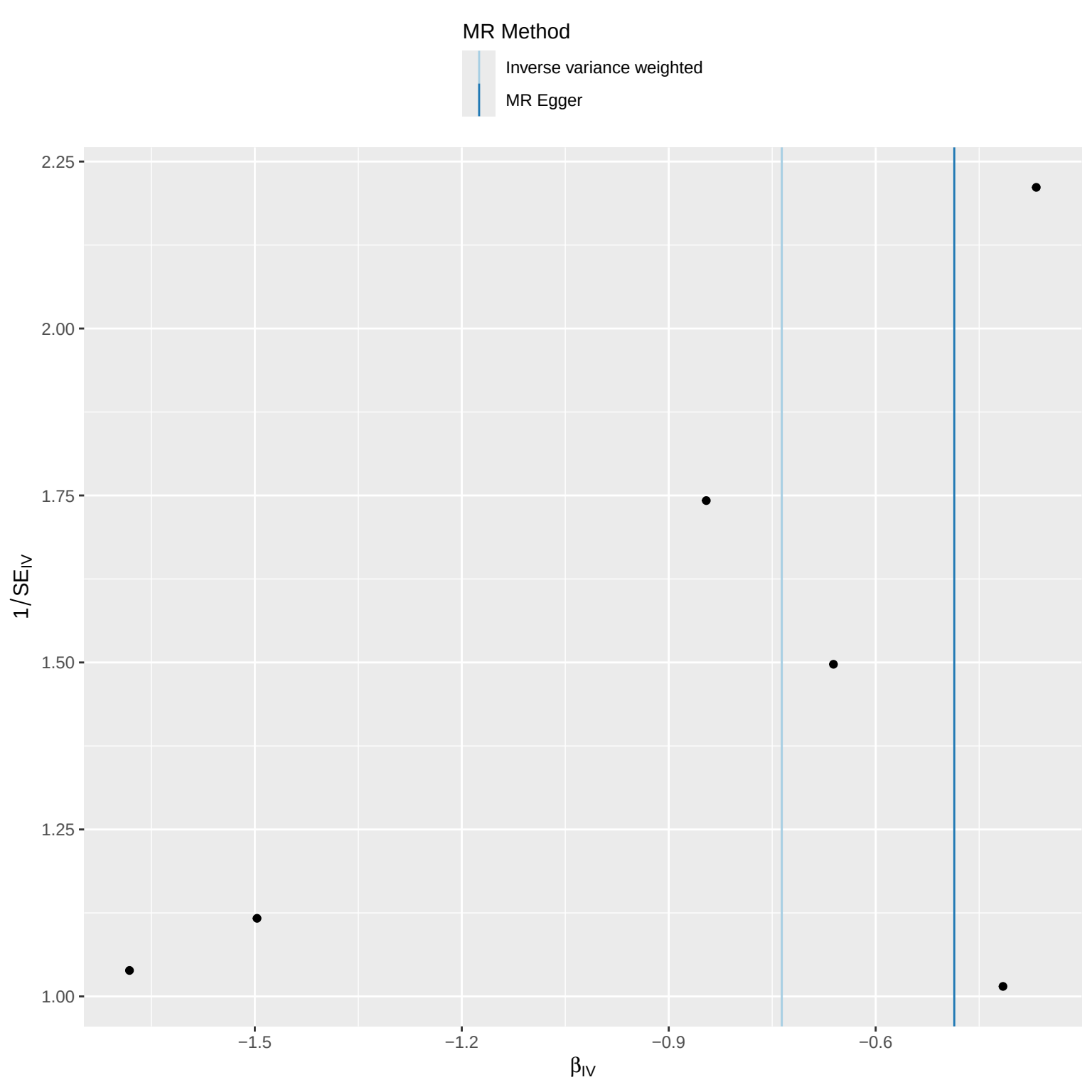

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
0.0
0.5
1.0
β_IV

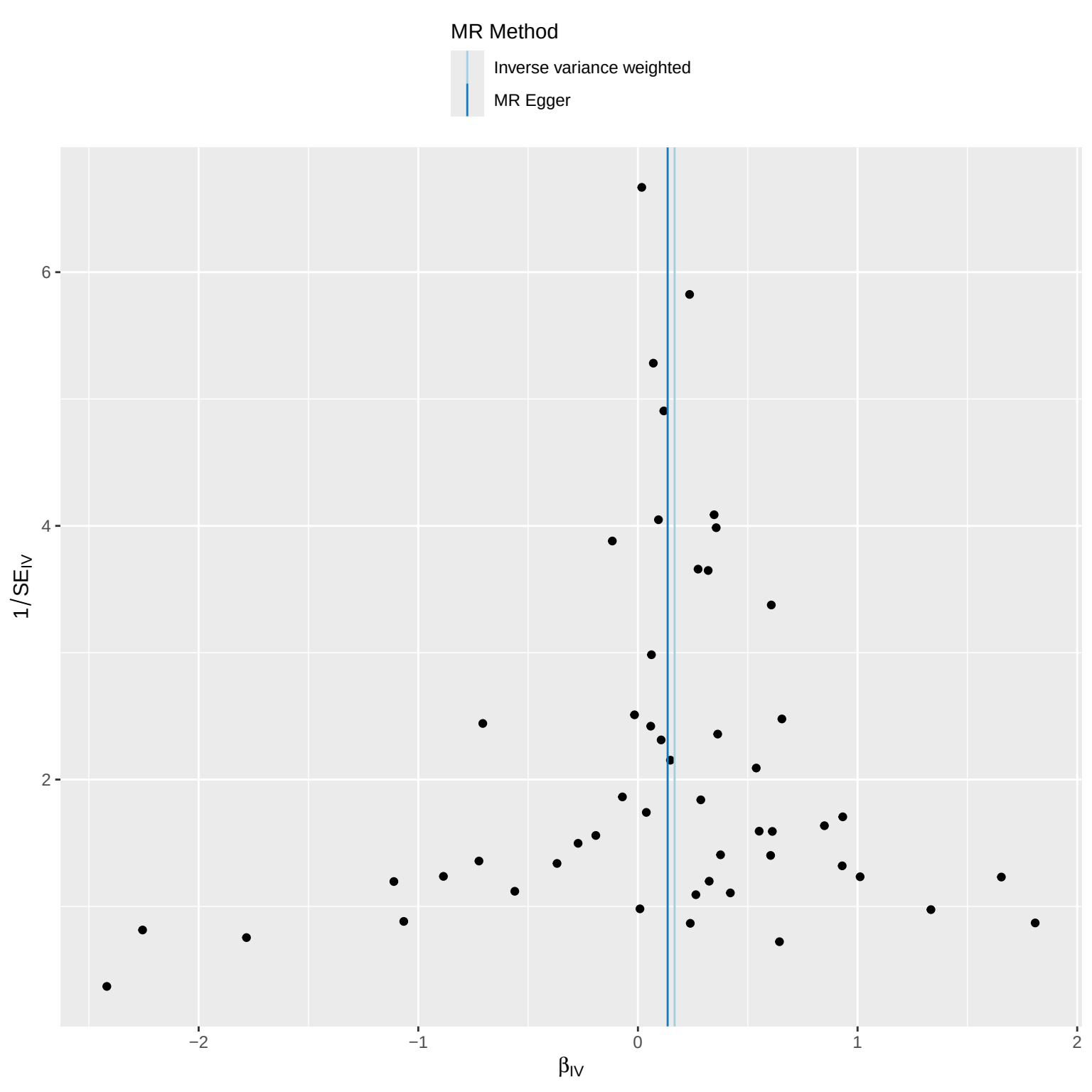

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

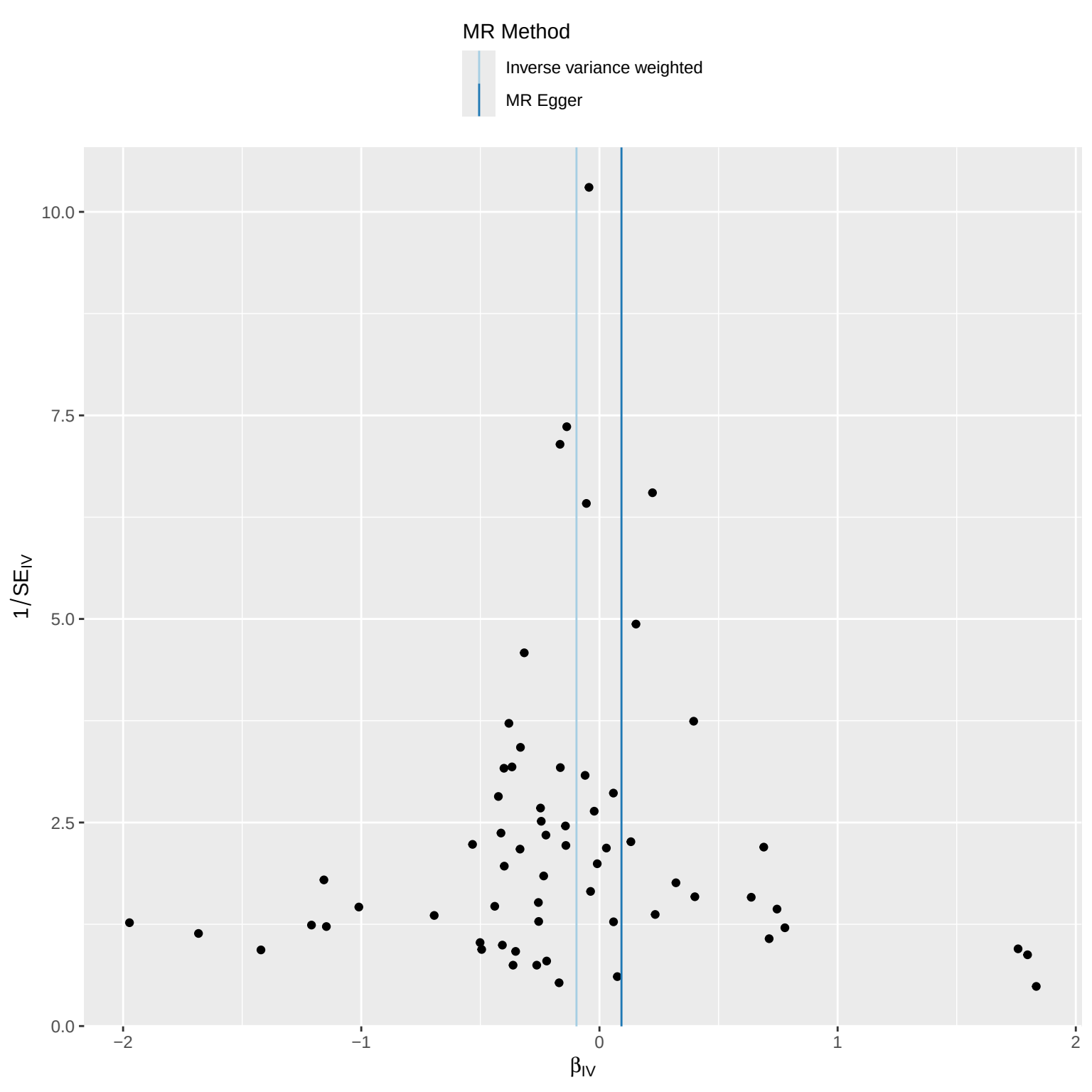

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

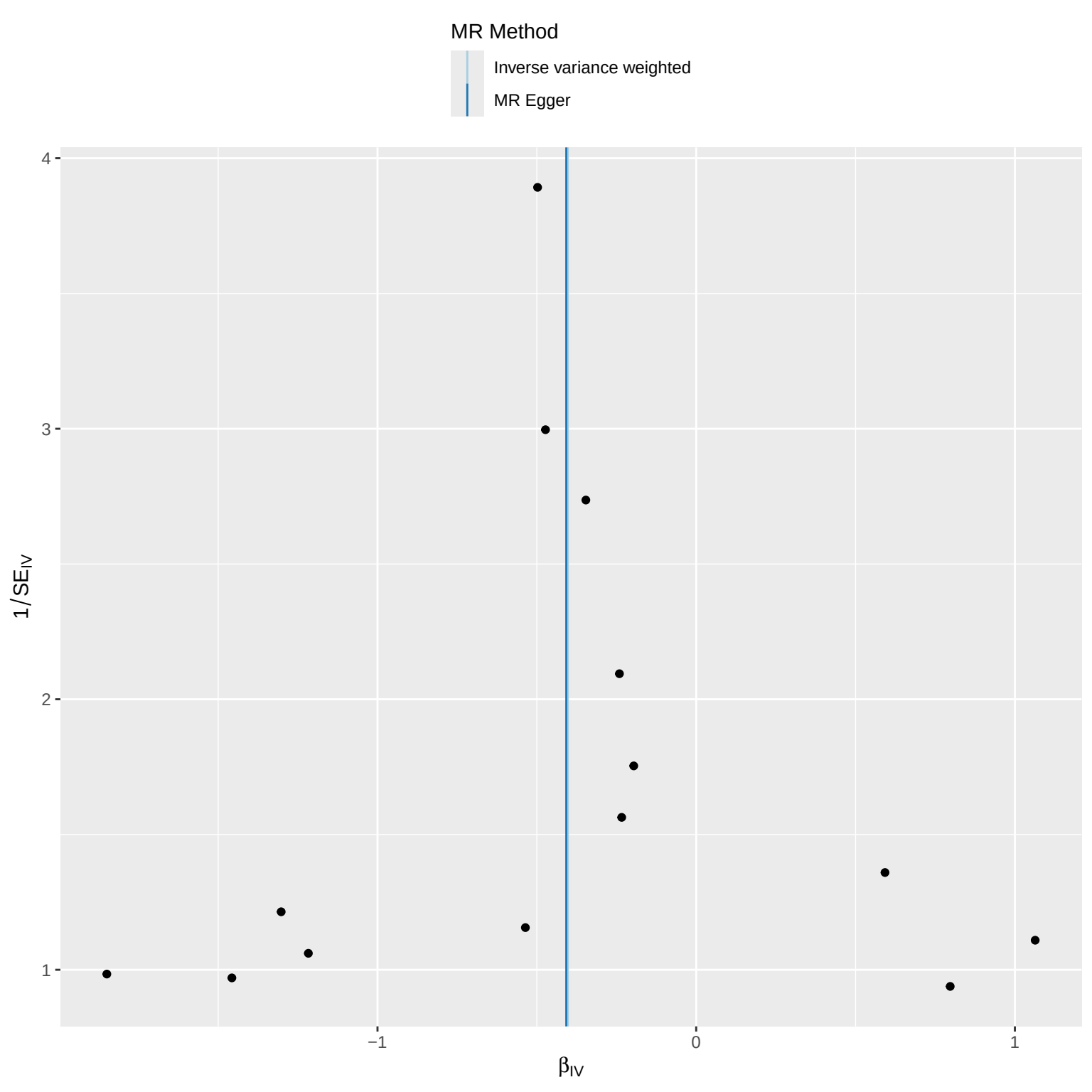

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

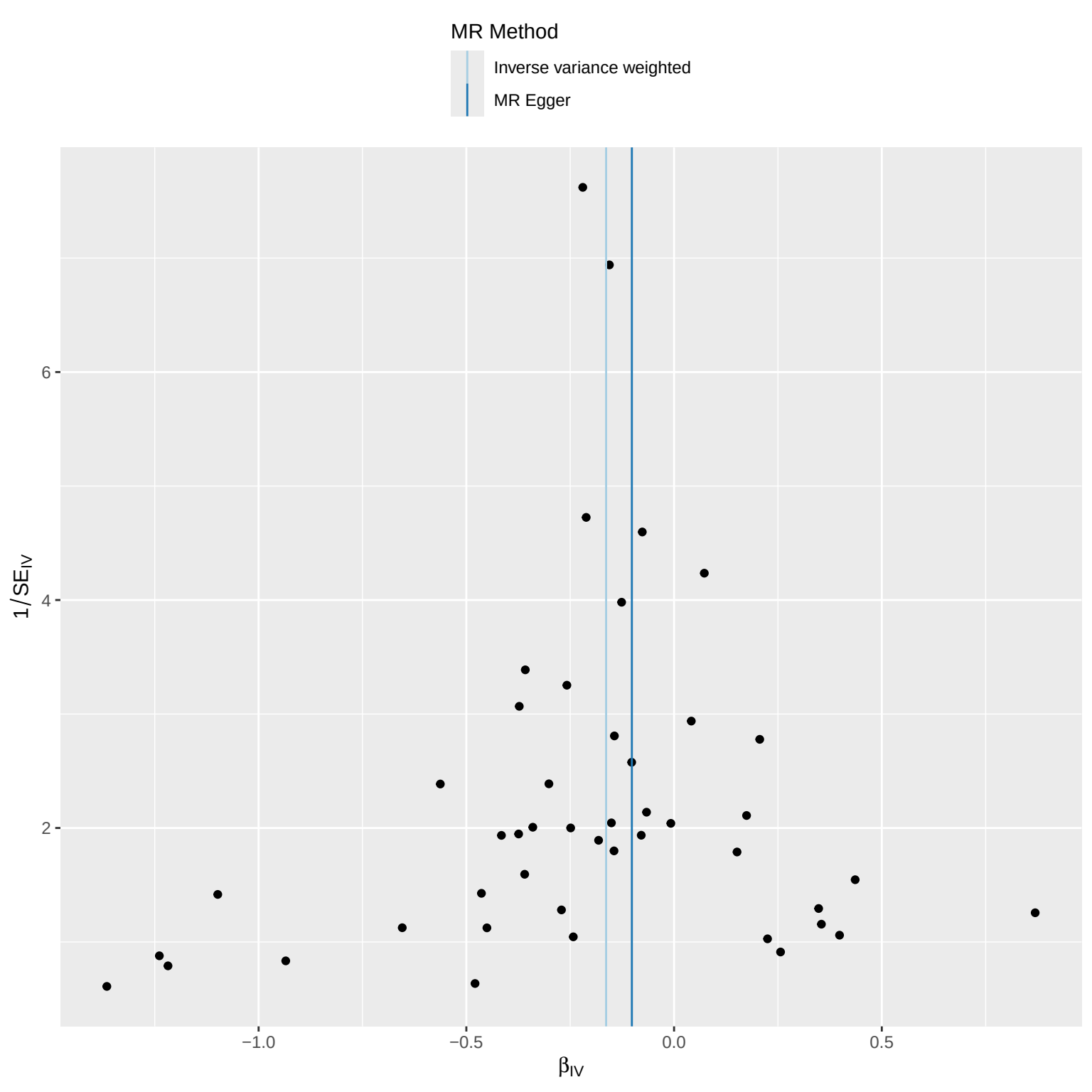

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

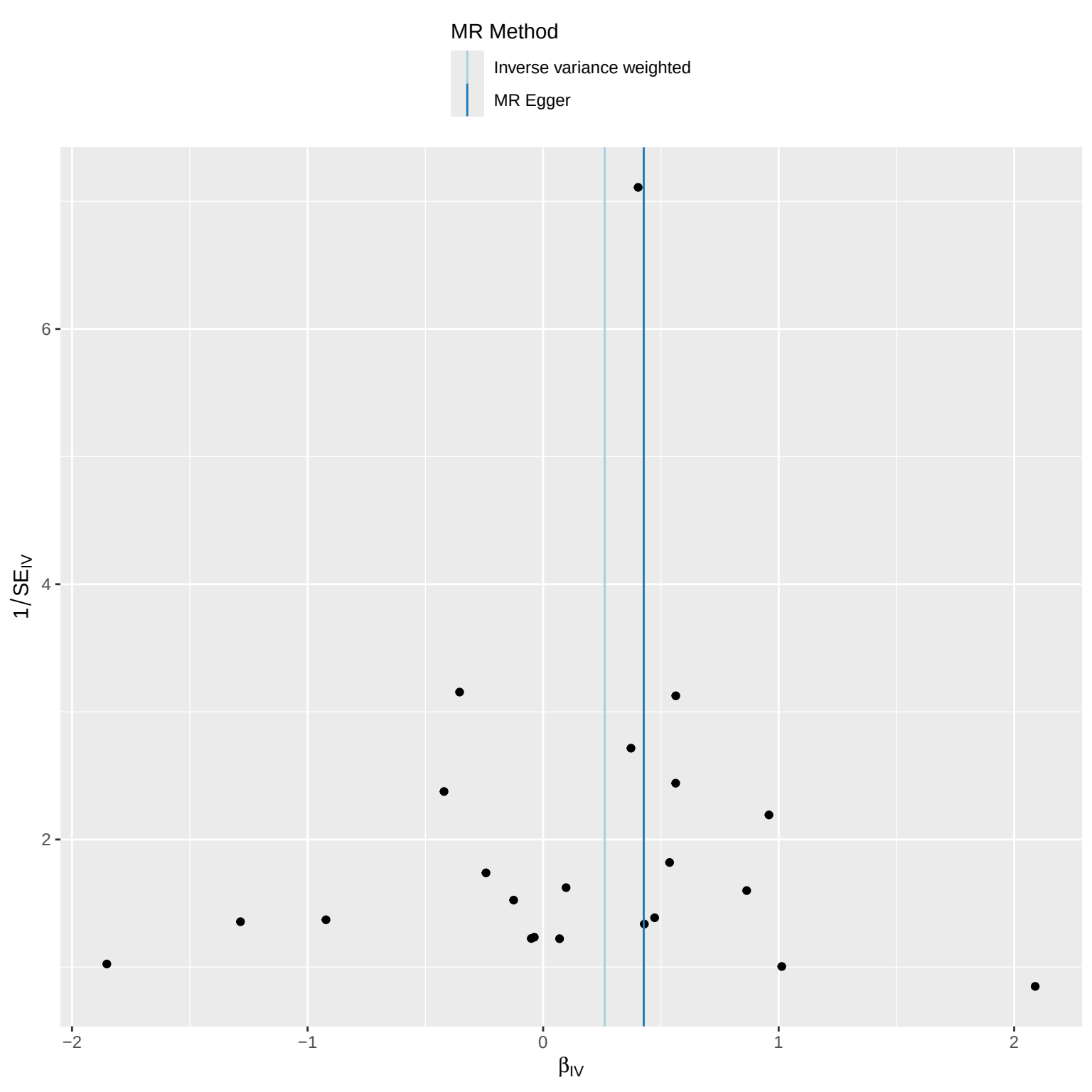

MR Method
Inverse variance weighted
MR Egger
2.25
2.00
1.75
1.50
1.25
1.00
1/SE_IV
−1.5
−1.2
−0.9
−0.6
β_IV

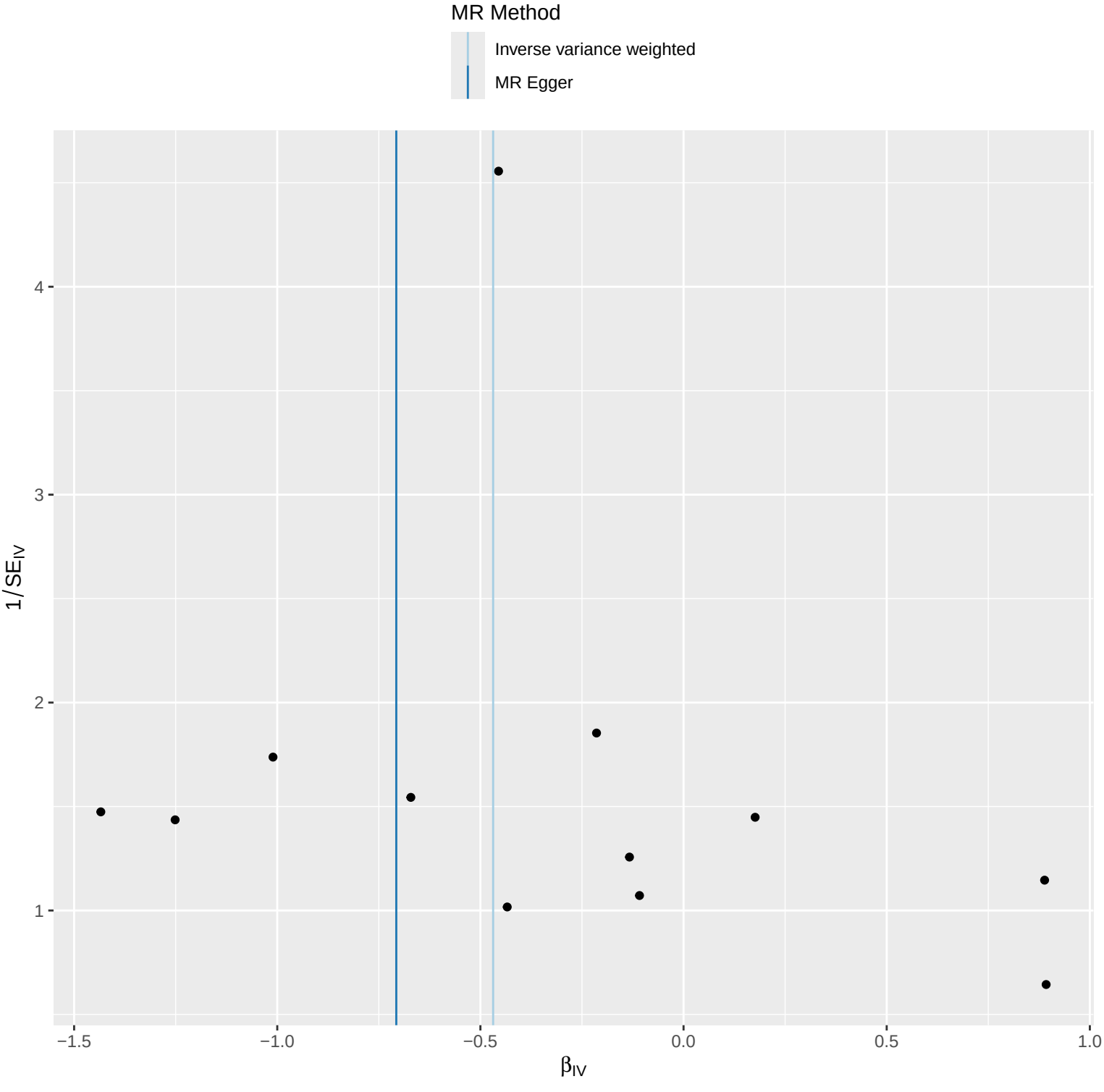

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

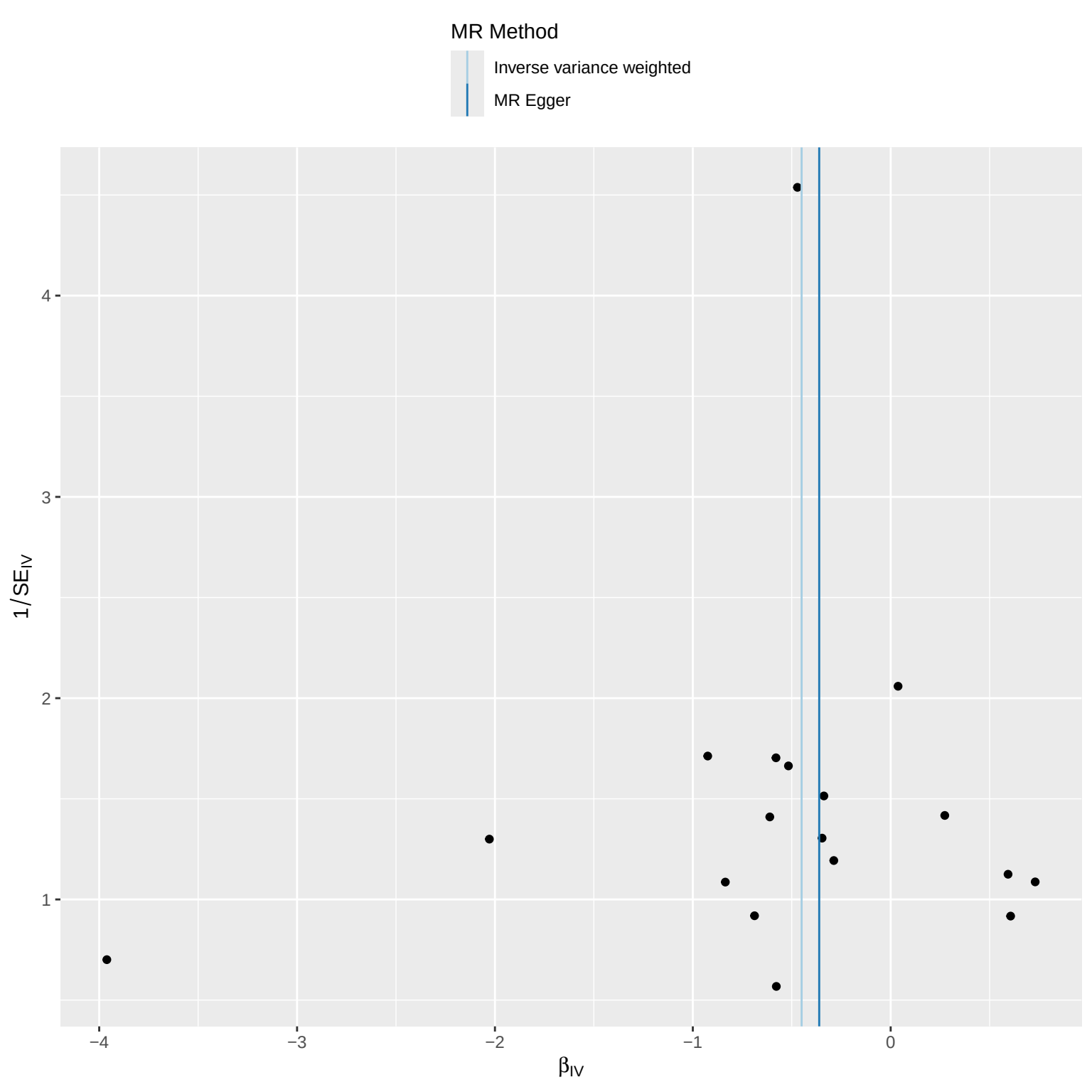

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−2
−1
0
1
2
β_IV

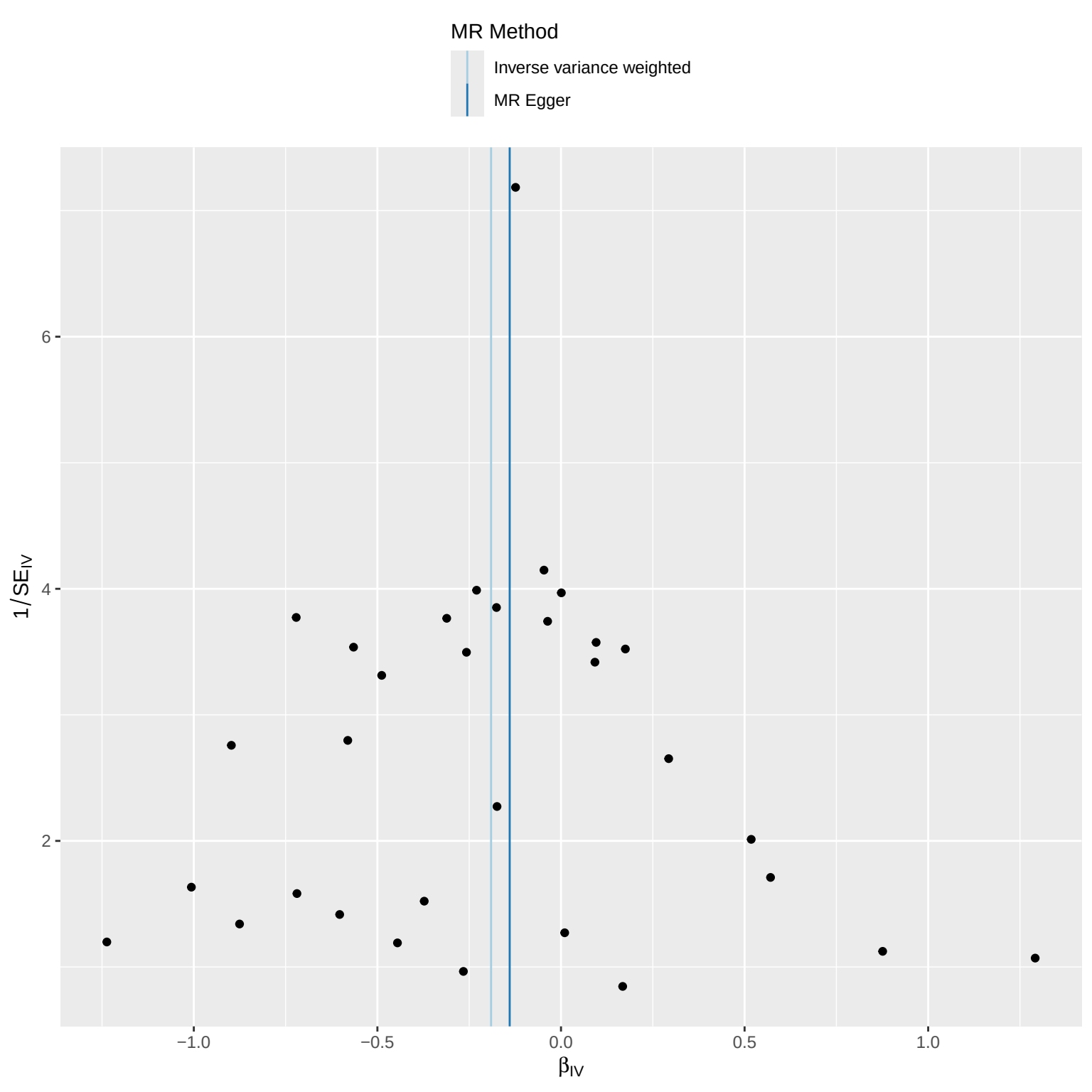

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

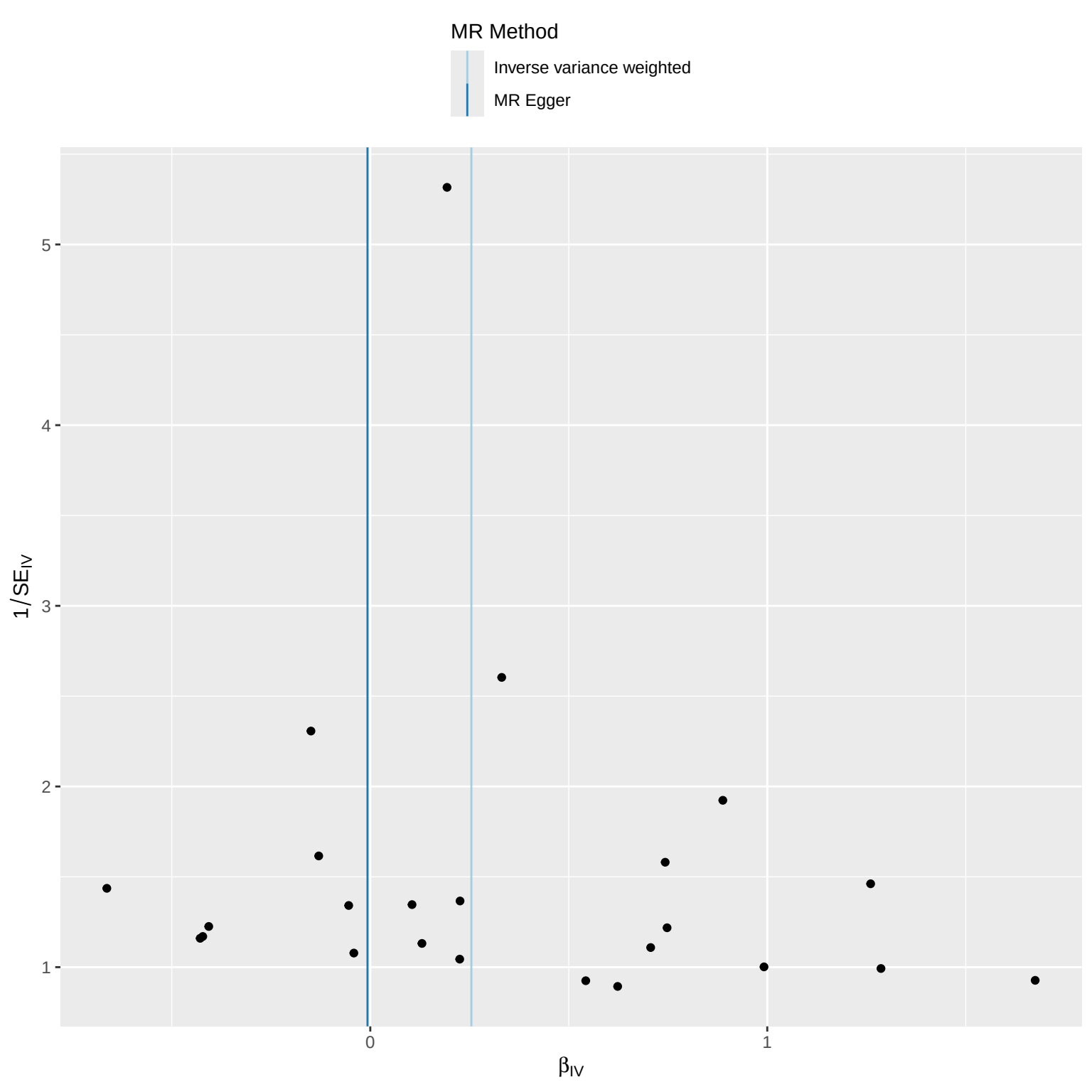

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

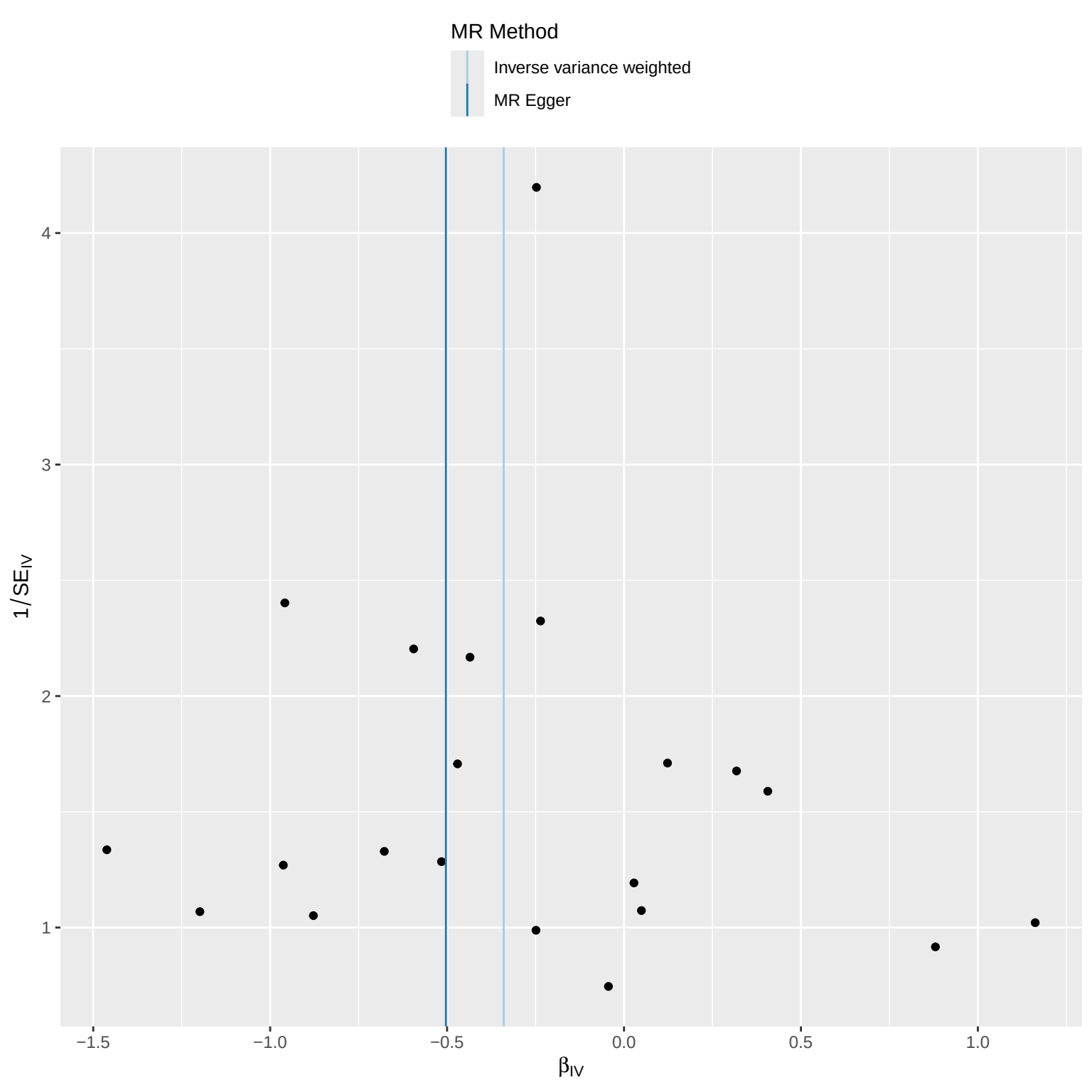

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

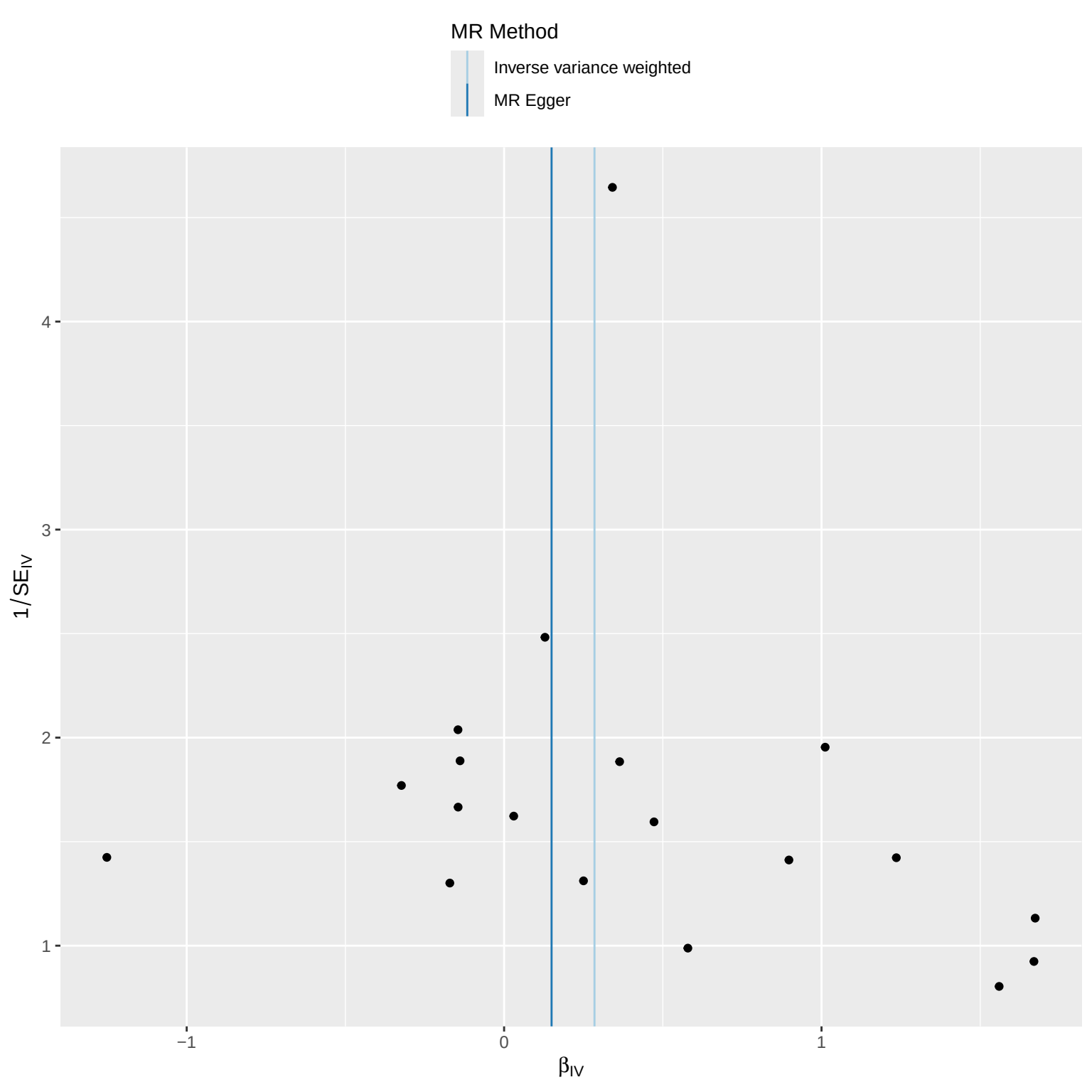

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

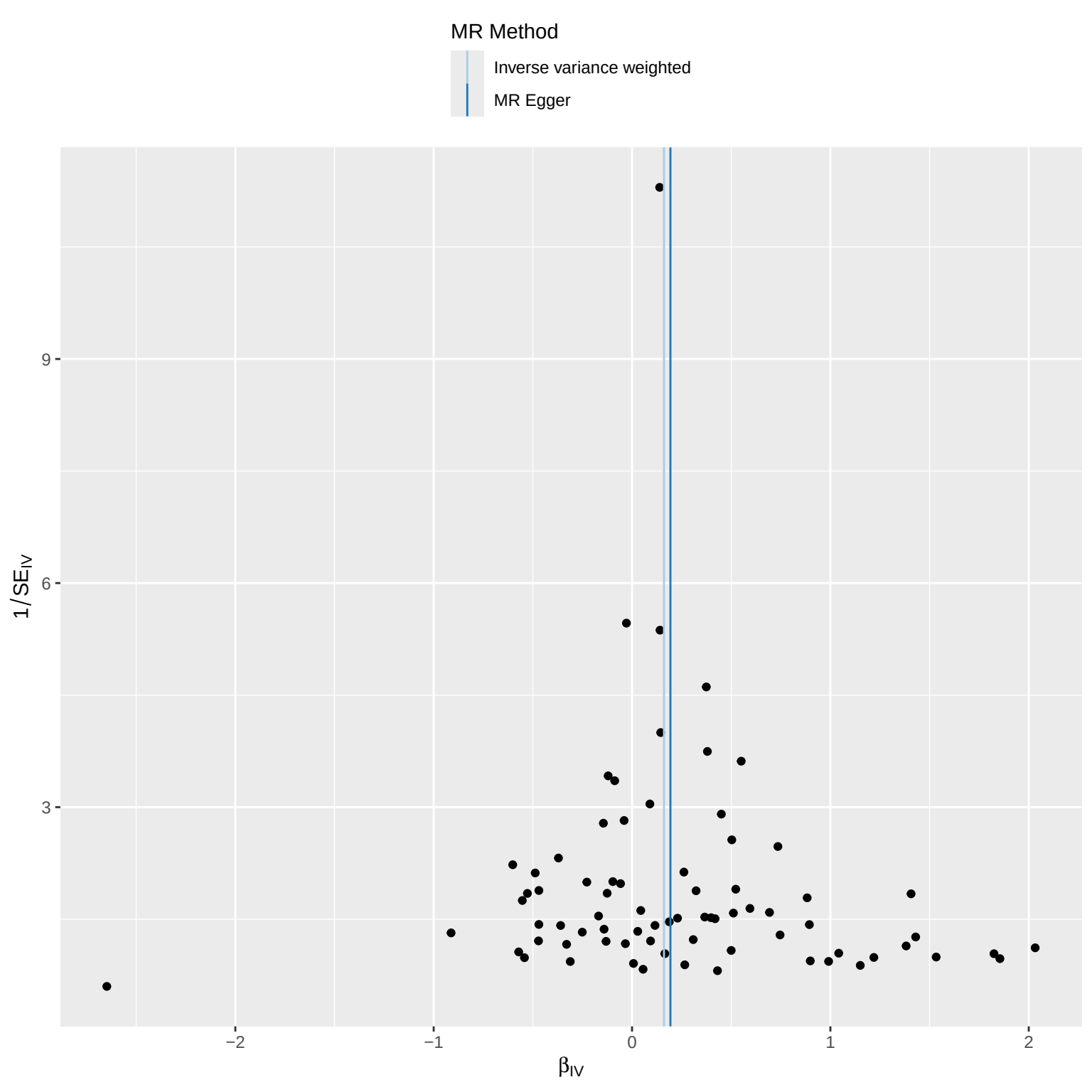

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
−4
−3
−2
−1
0
β_IV

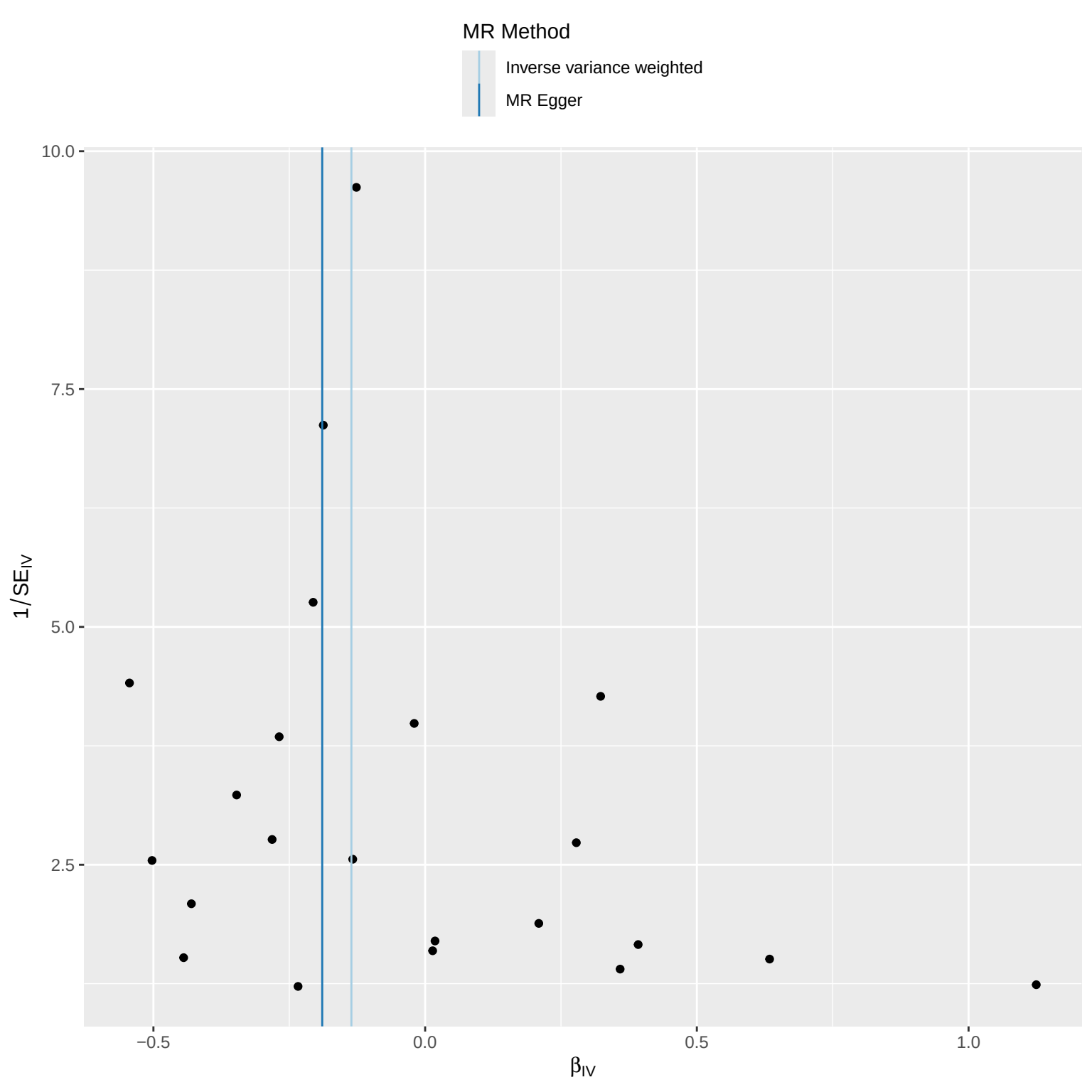

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

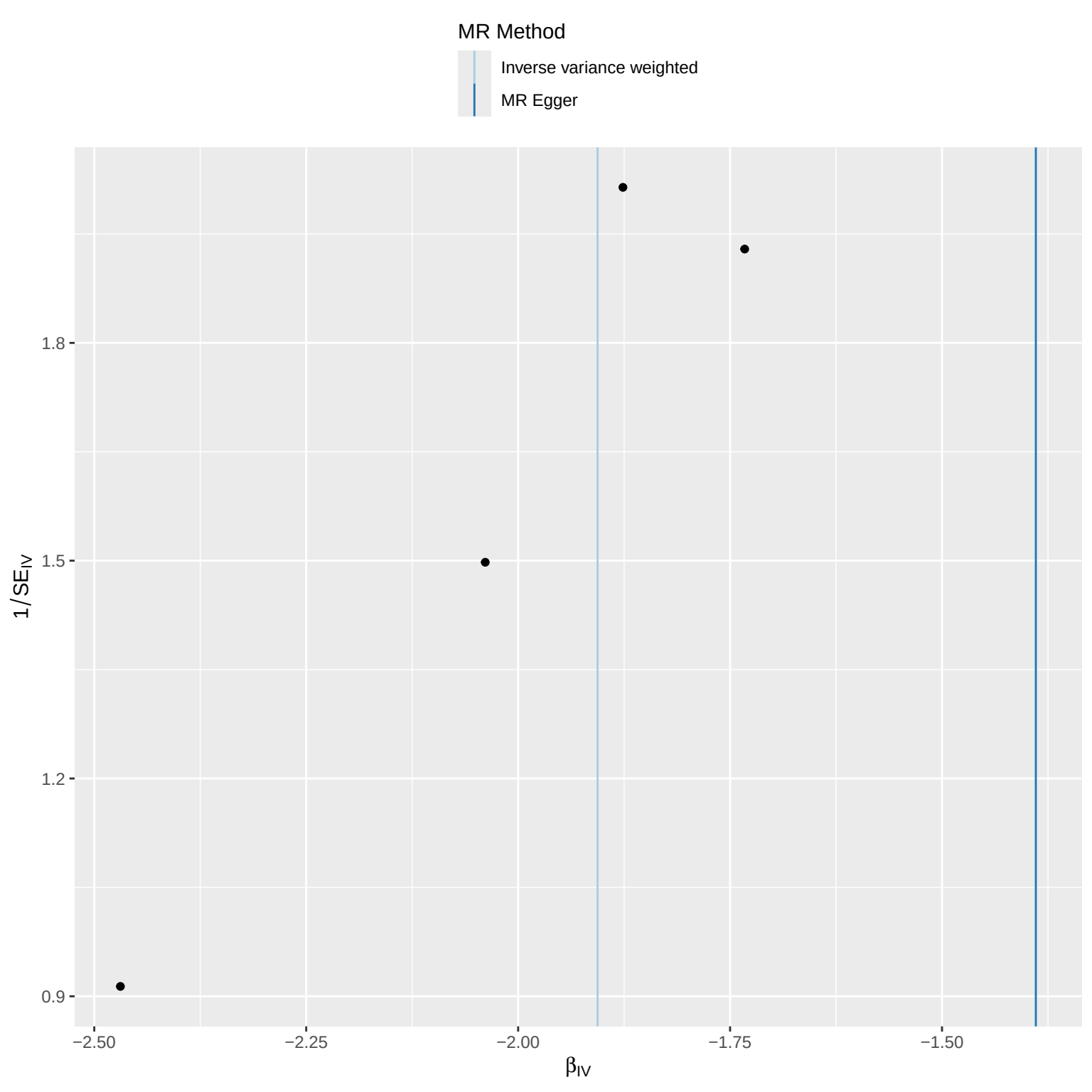

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
1
β_IV

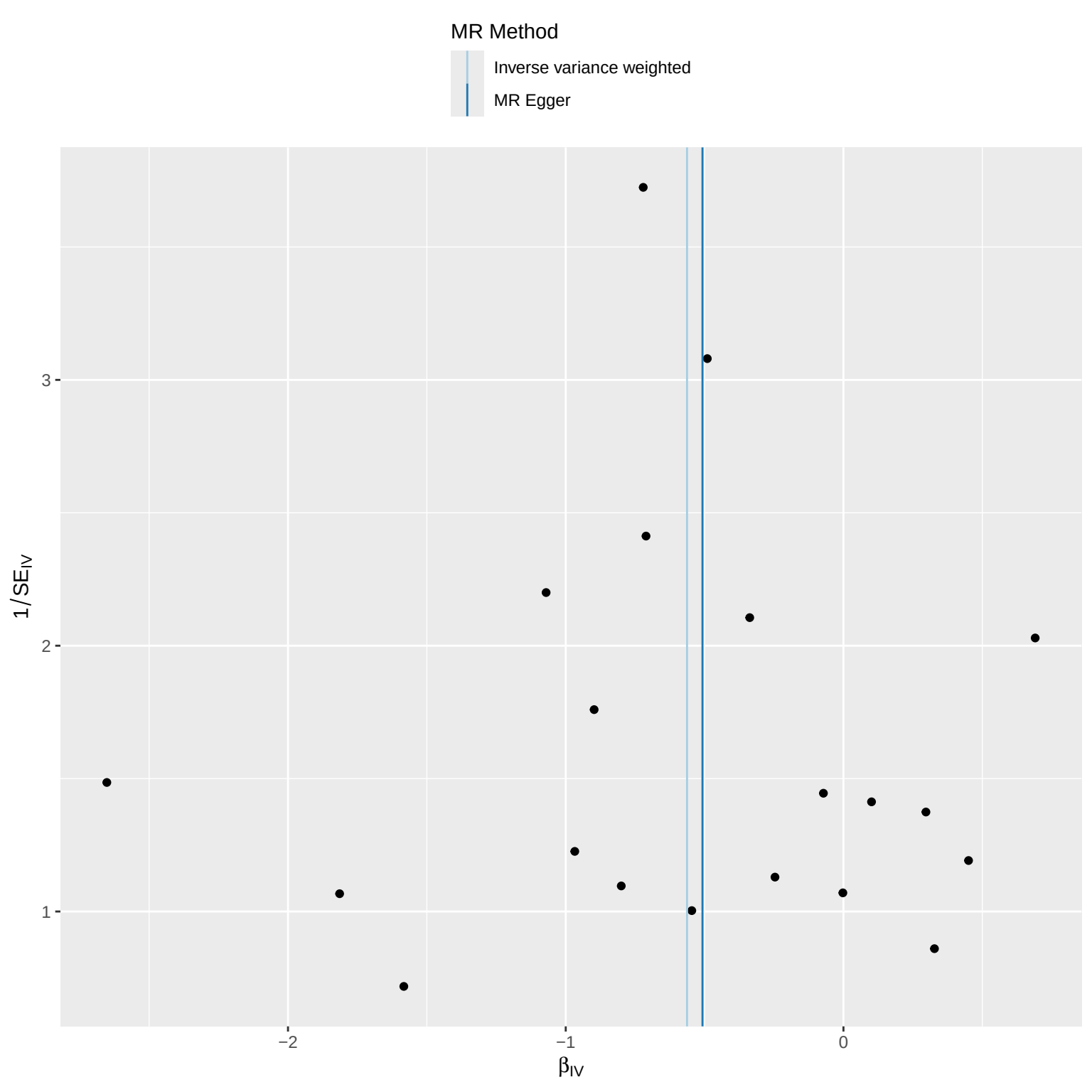

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

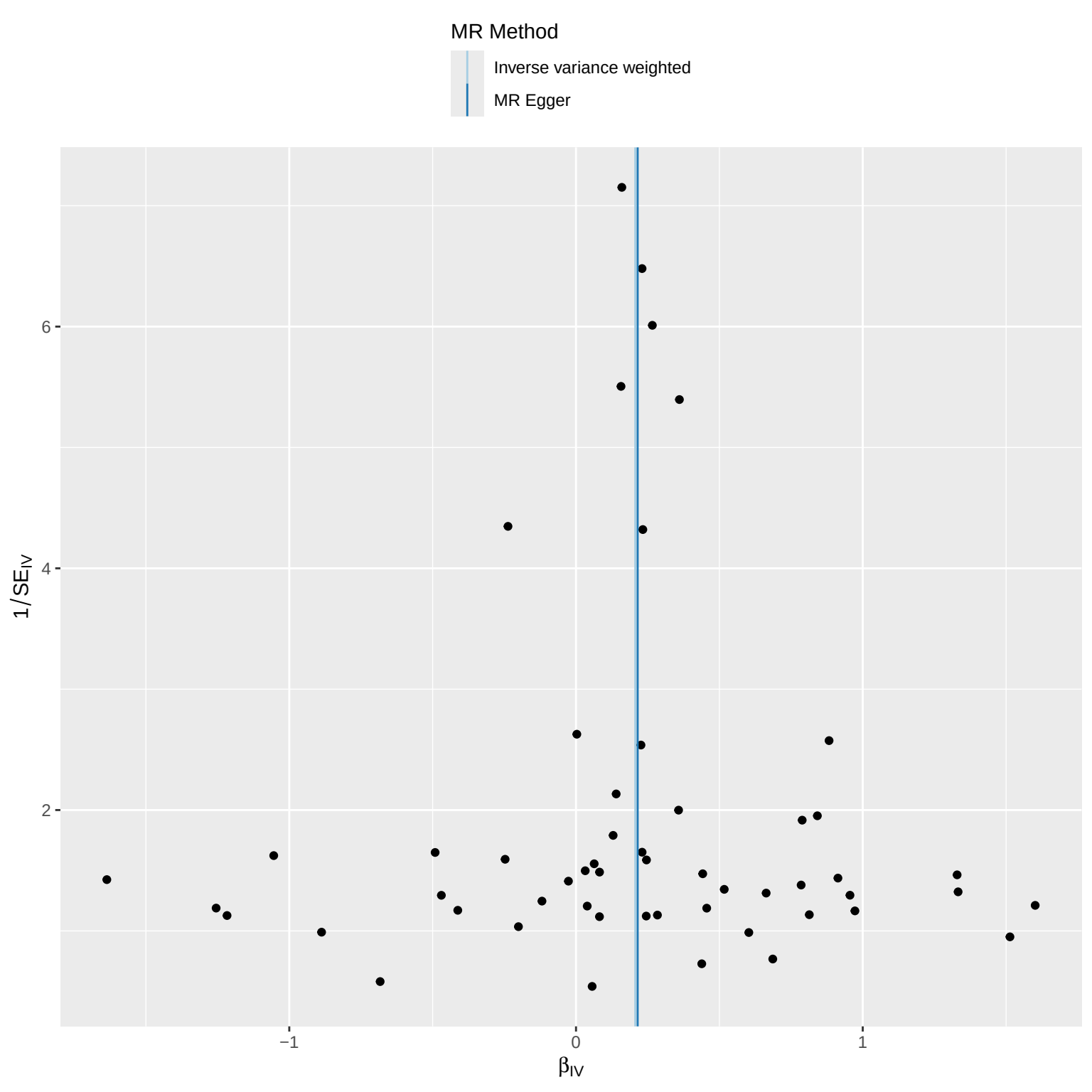

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

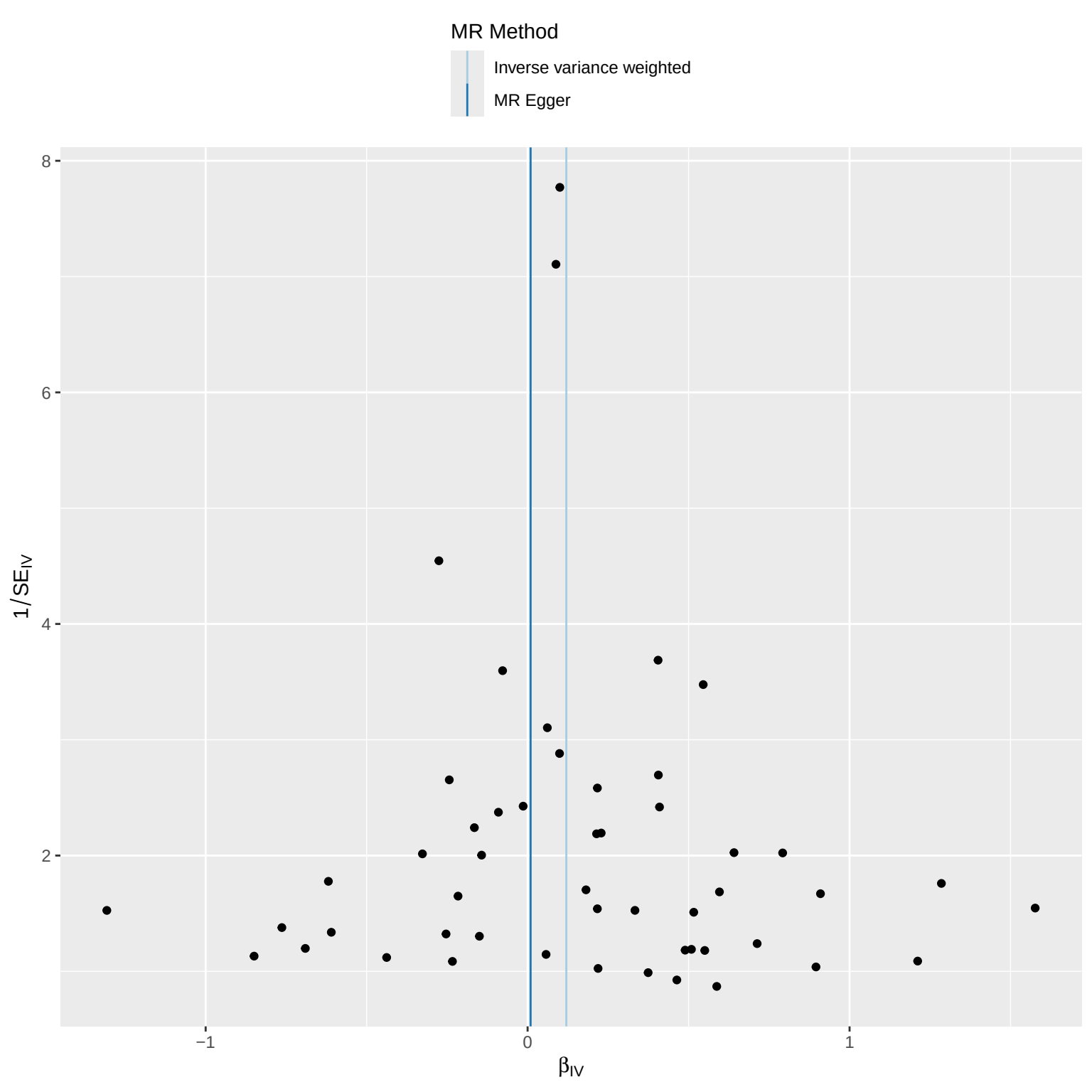

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−2
−1
0
1
2
β_IV

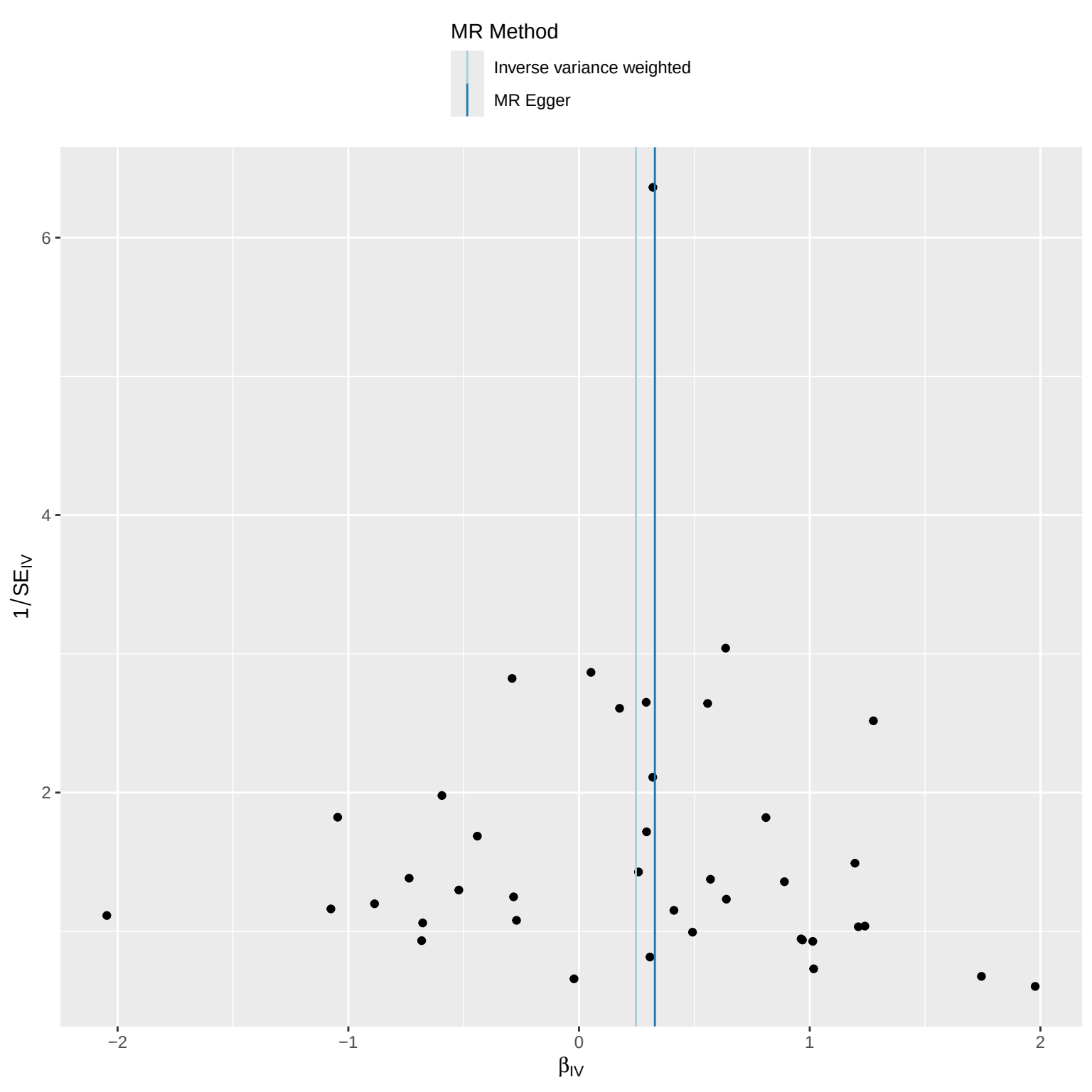

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

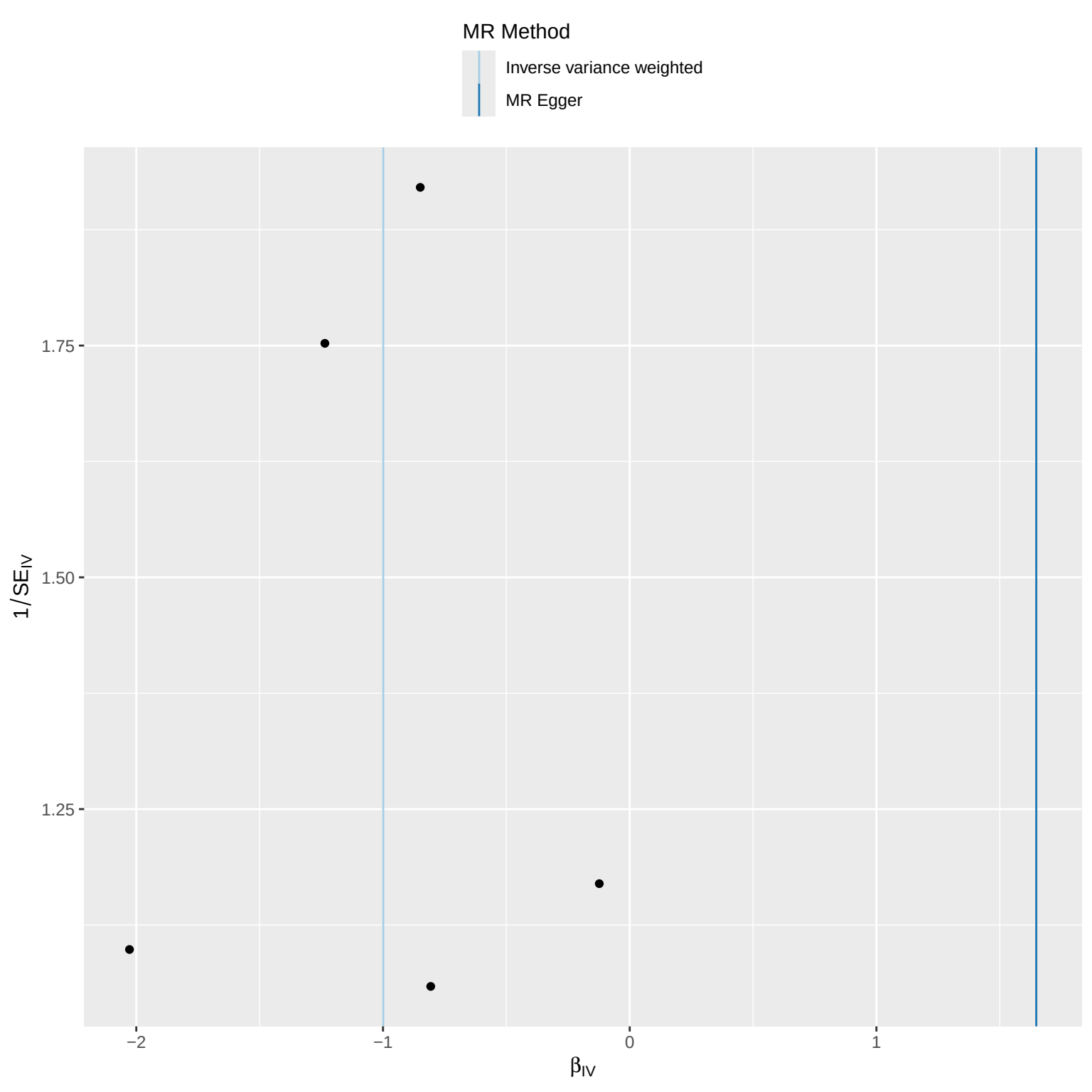

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
−2.50
−2.25
−2.00
−1.75
−1.50
β_IV

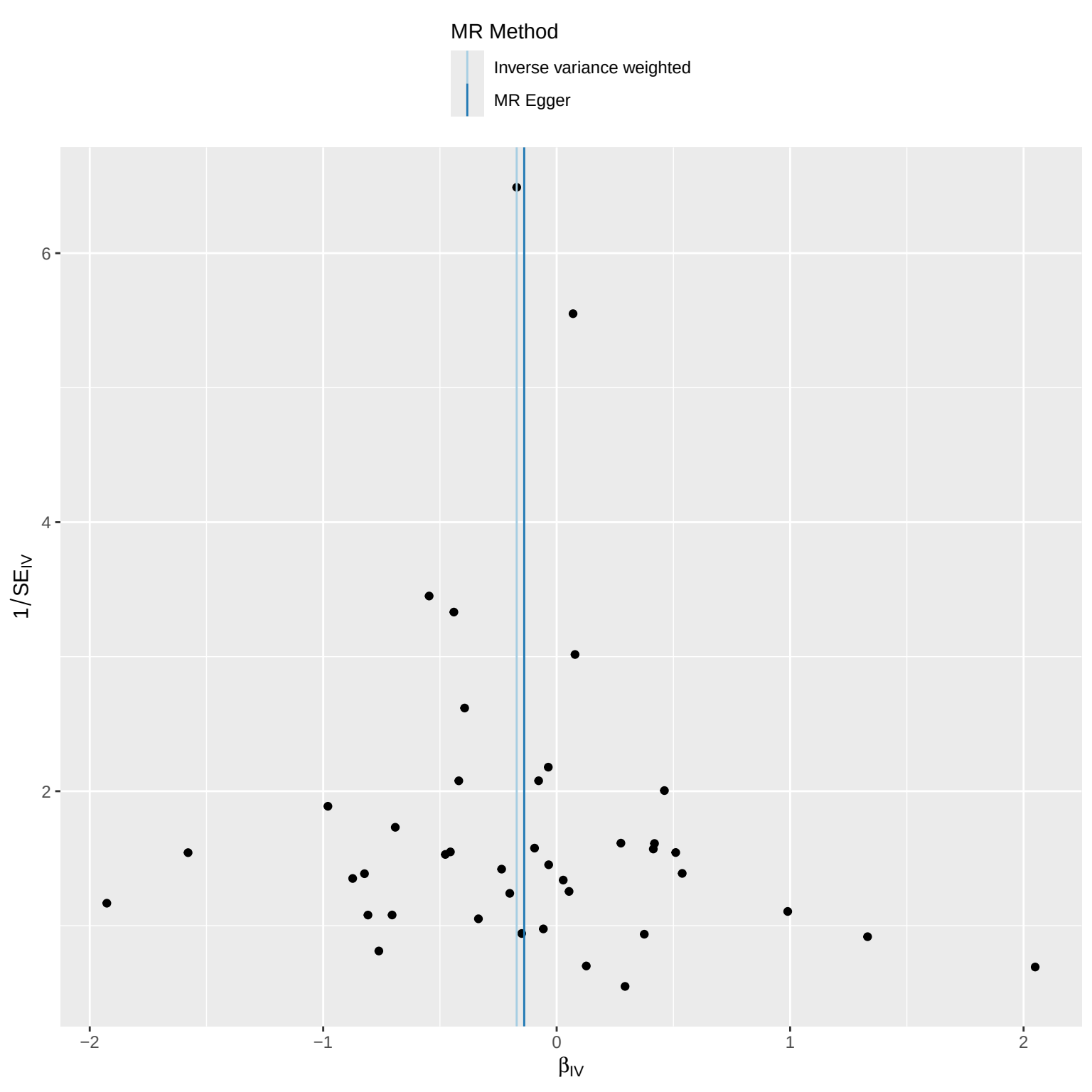

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

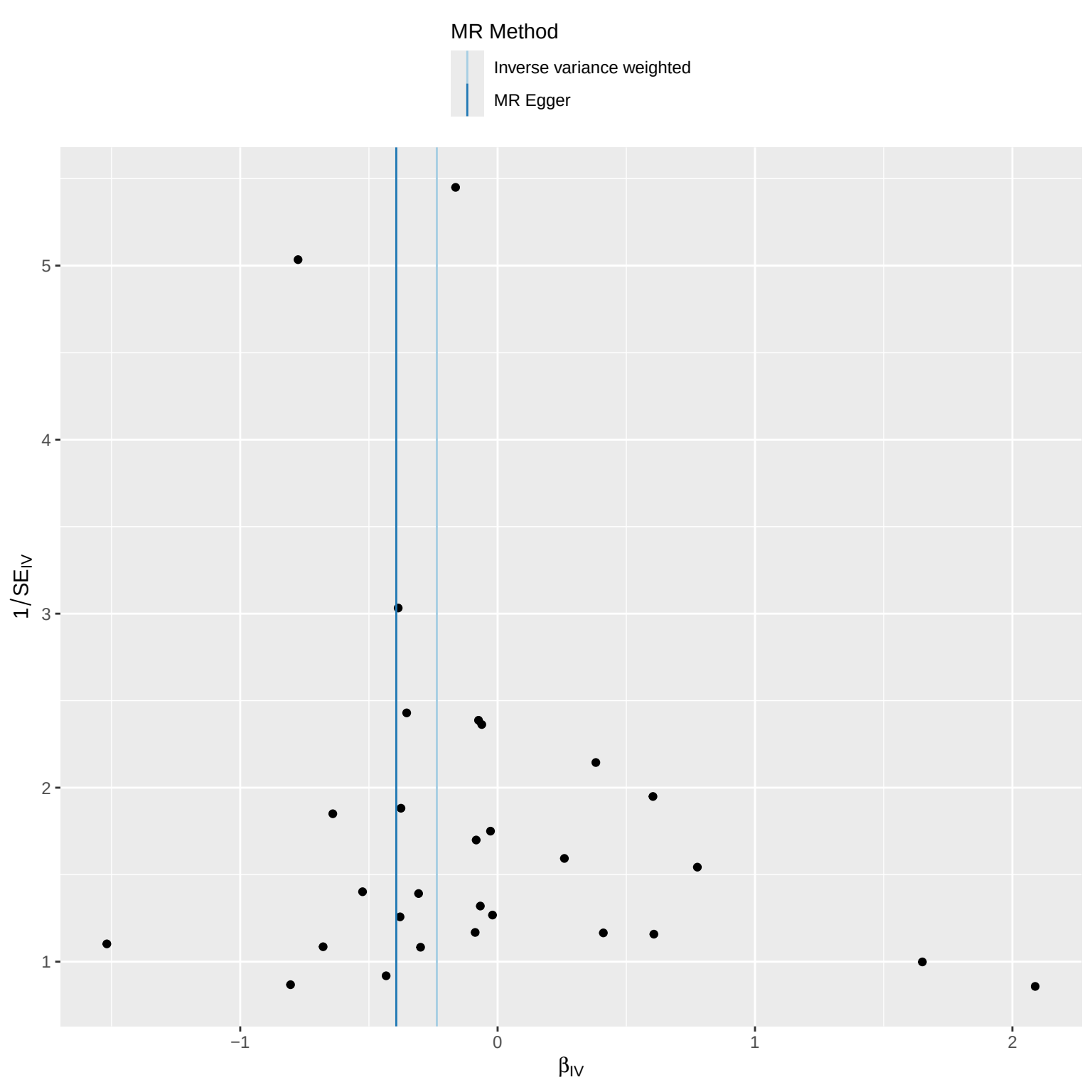

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

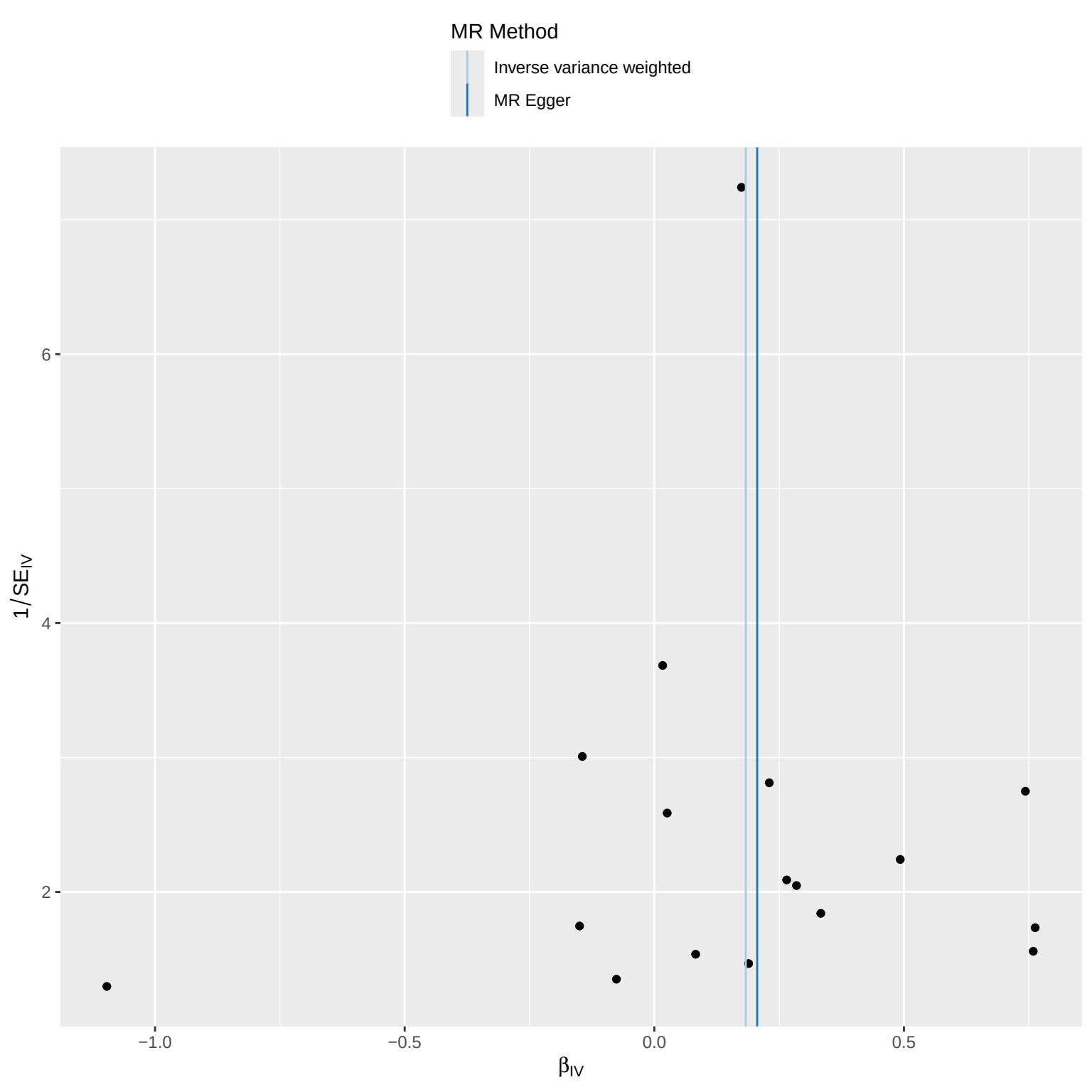

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

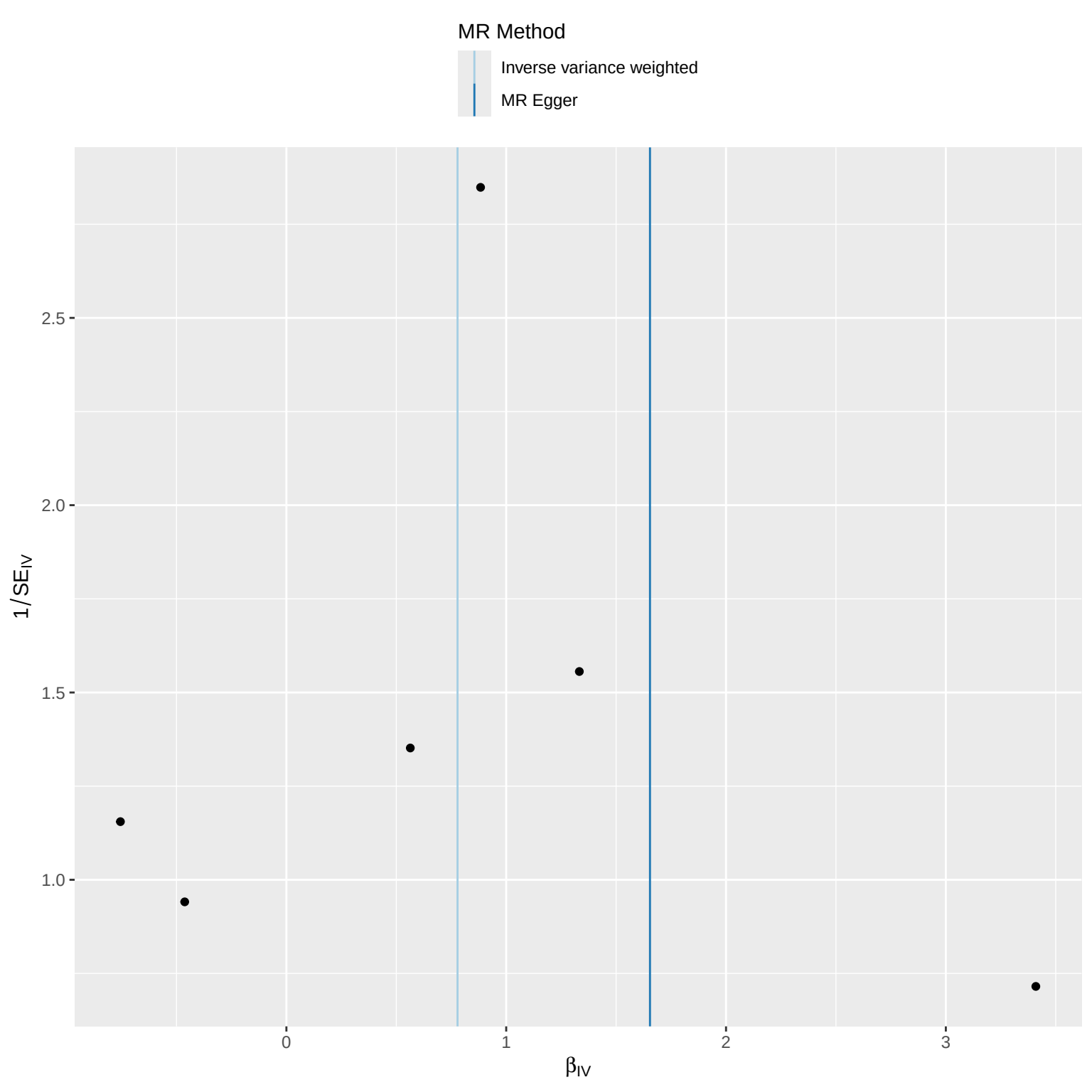

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

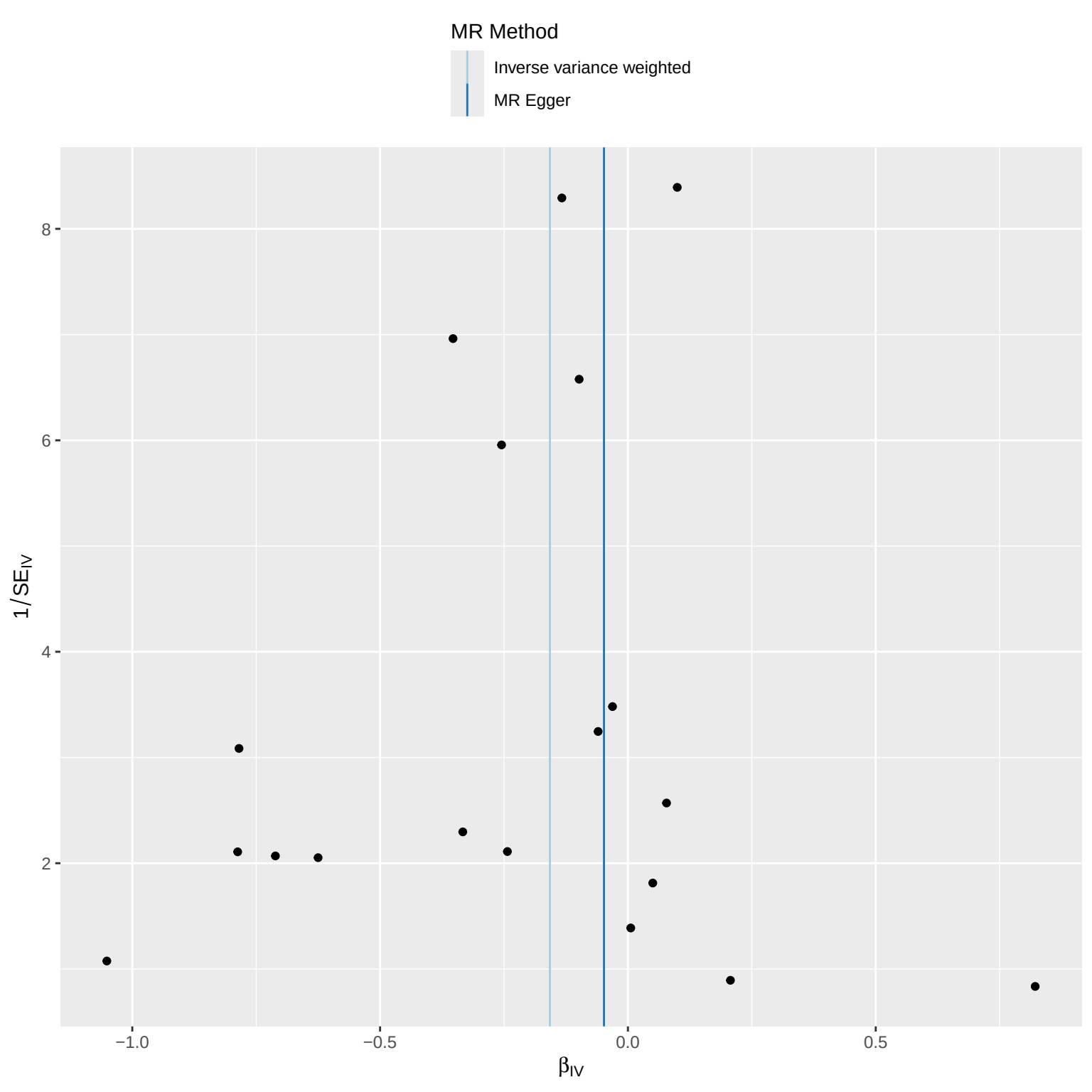

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1/SE_IV
−2
−1
0
1
β_IV

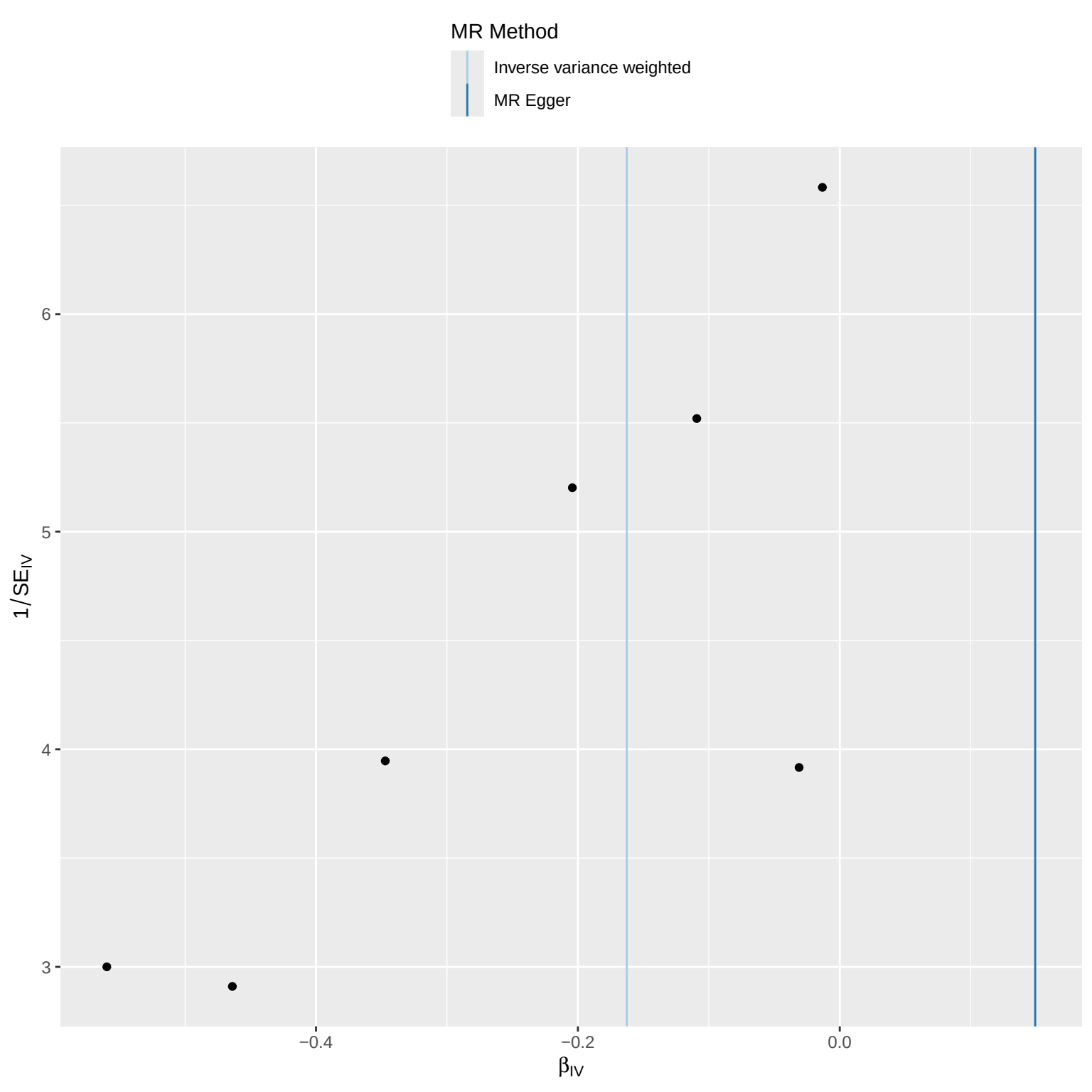

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

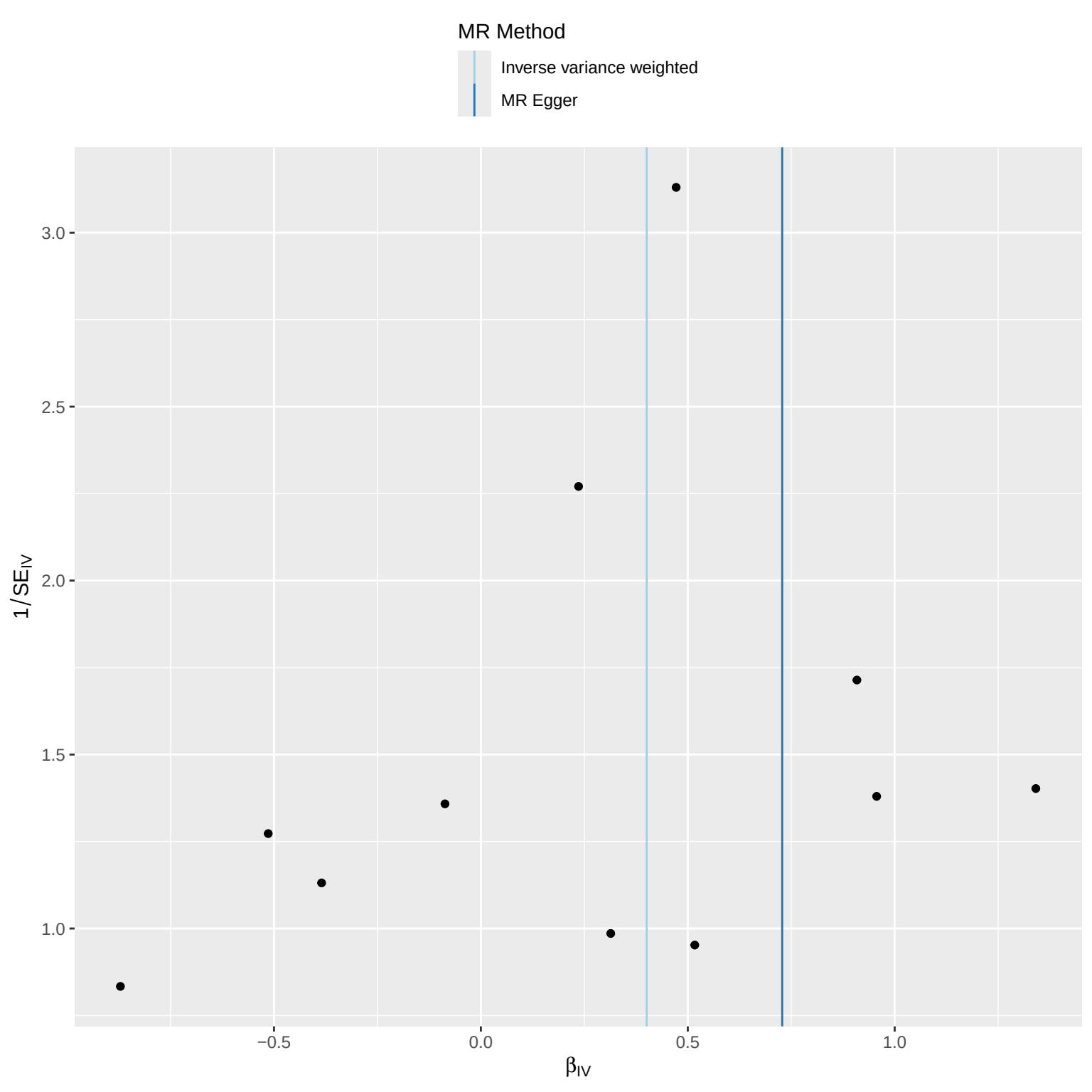

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

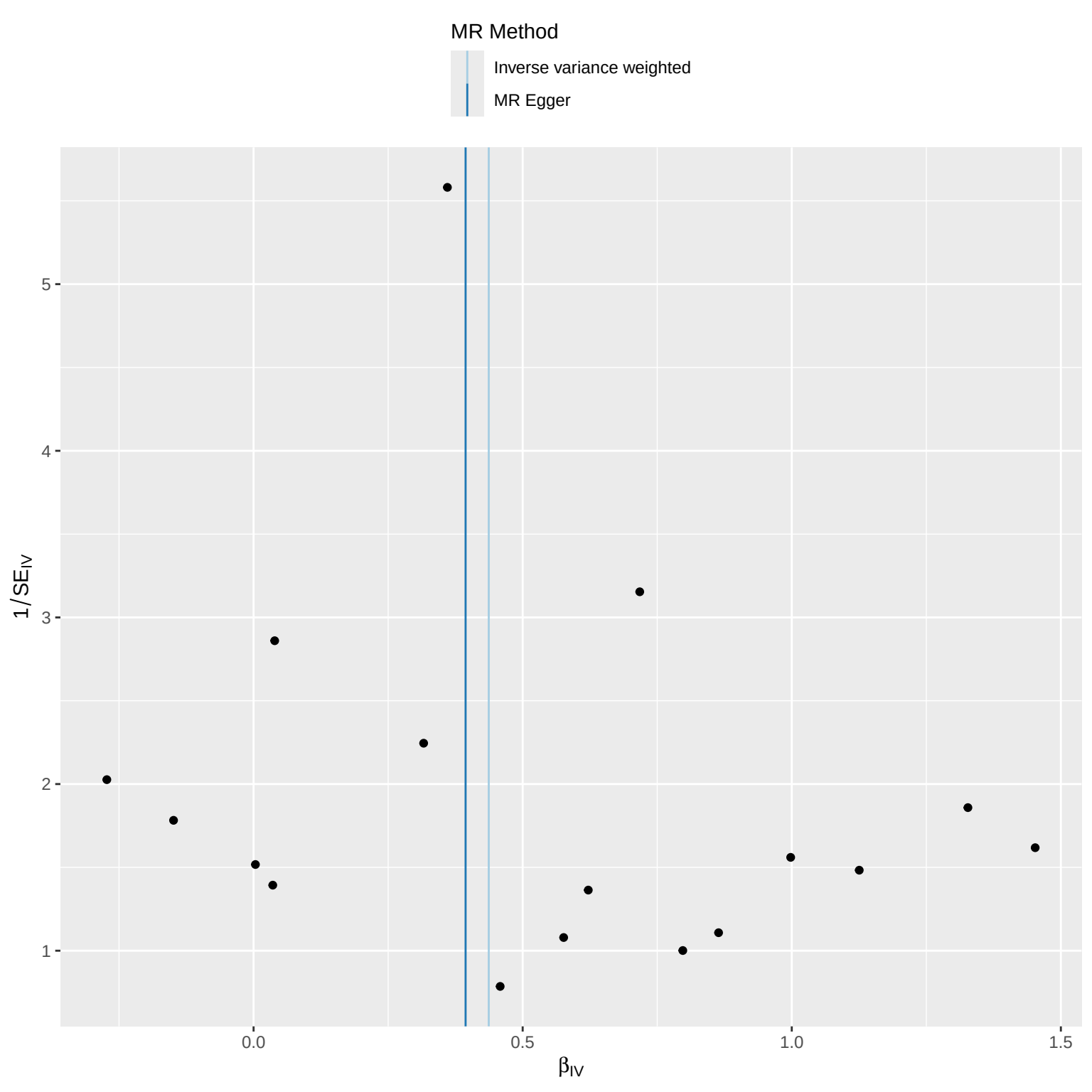

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

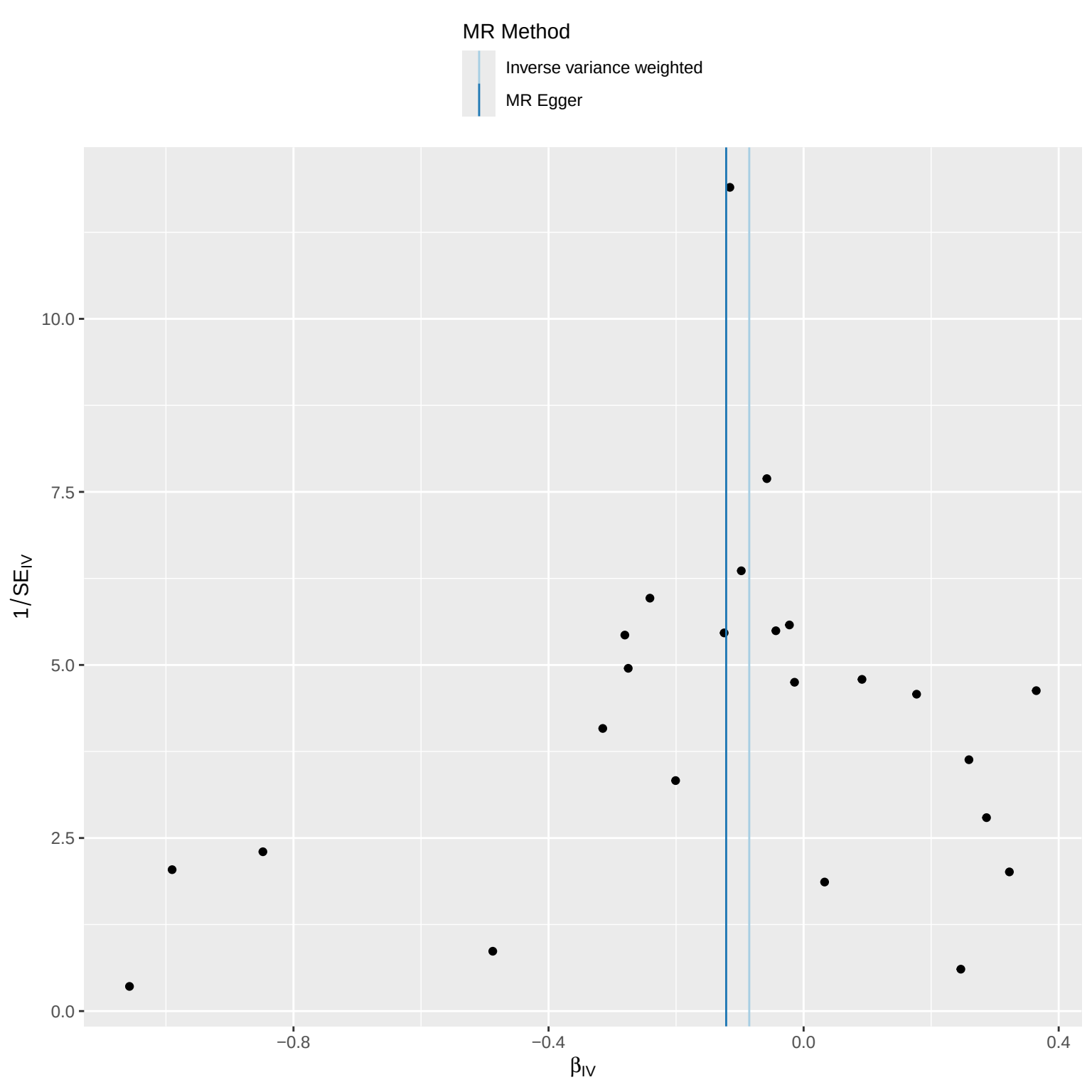

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
3
β_IV

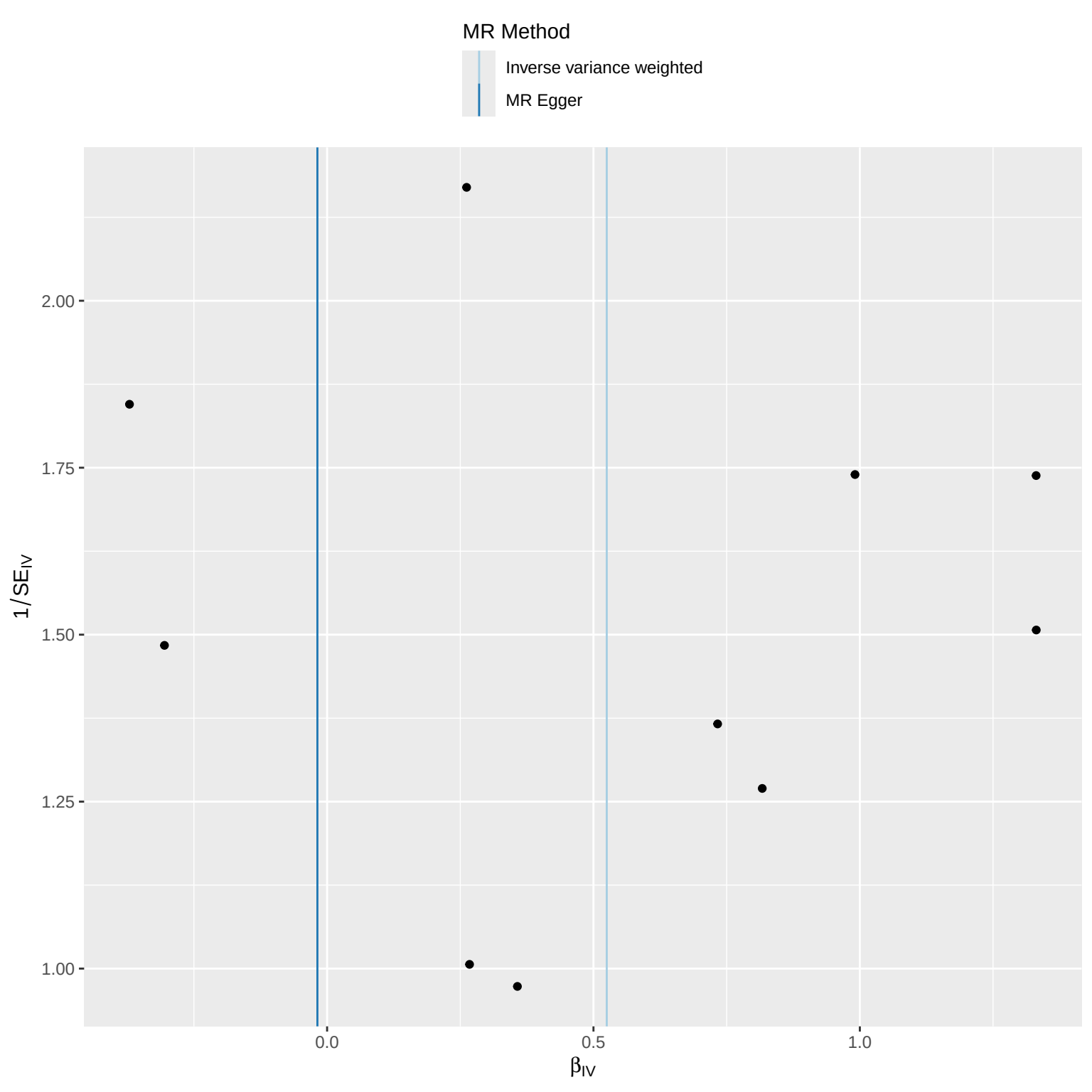

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

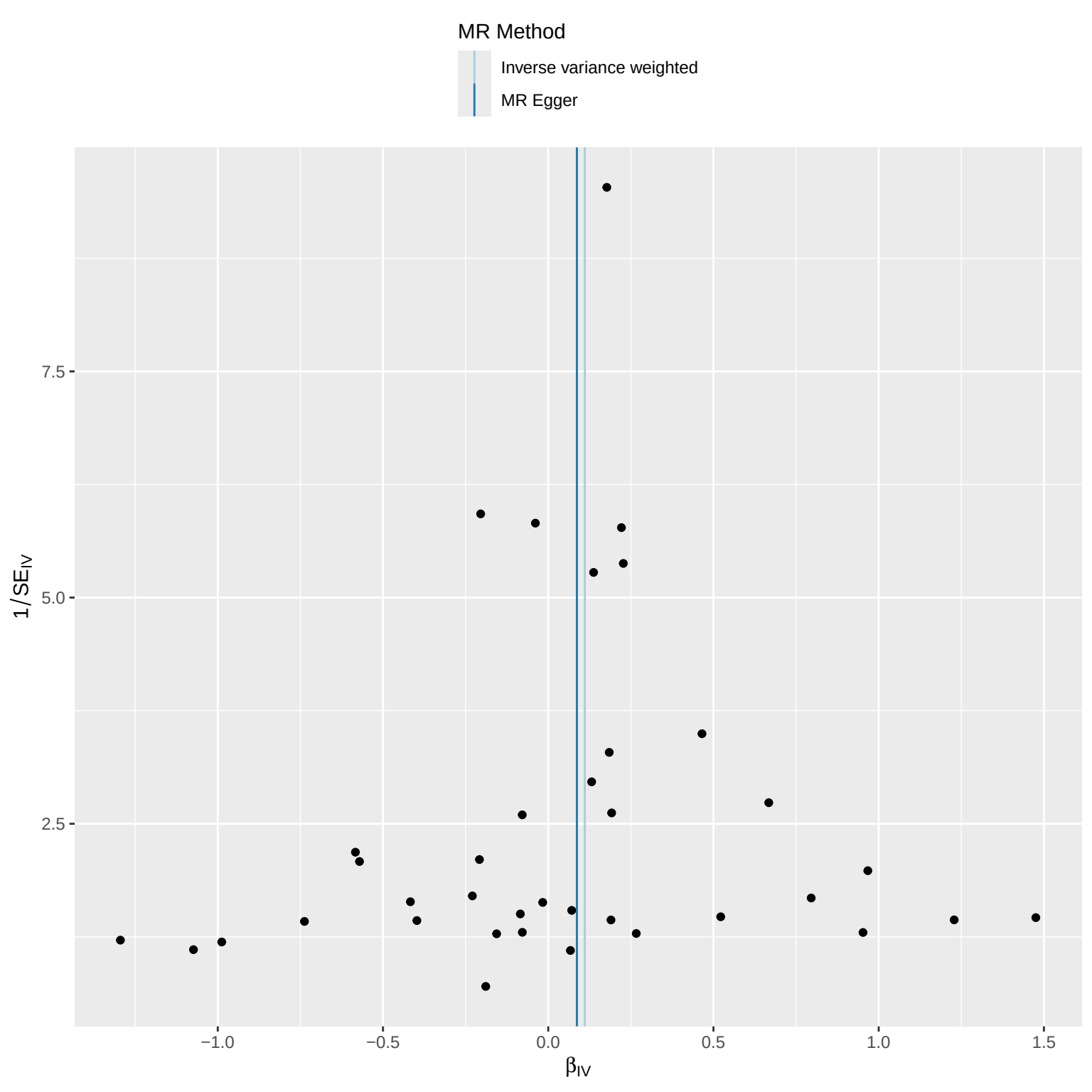

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
1/SE_IV
−0.4
−0.2
0.0
β_IV

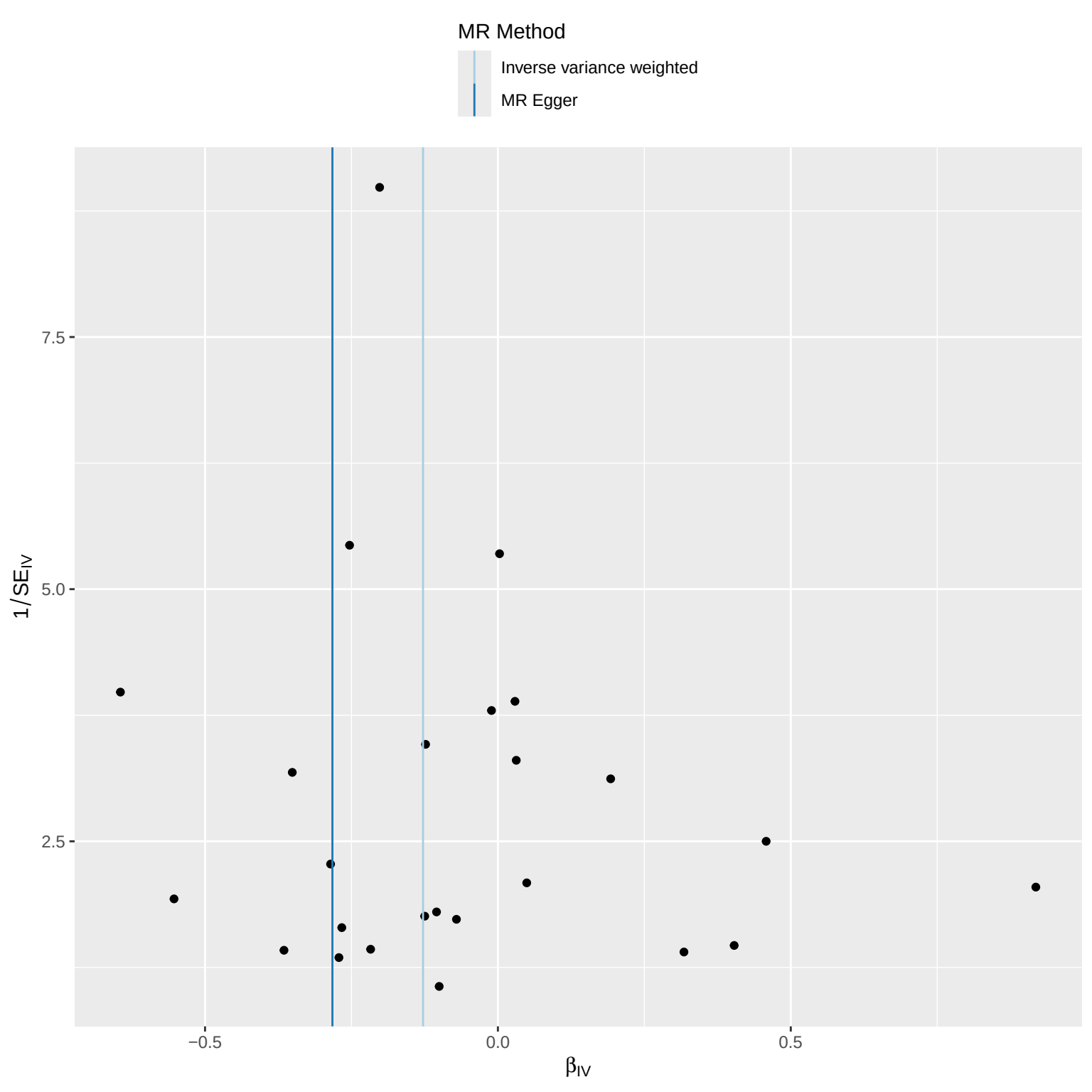

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

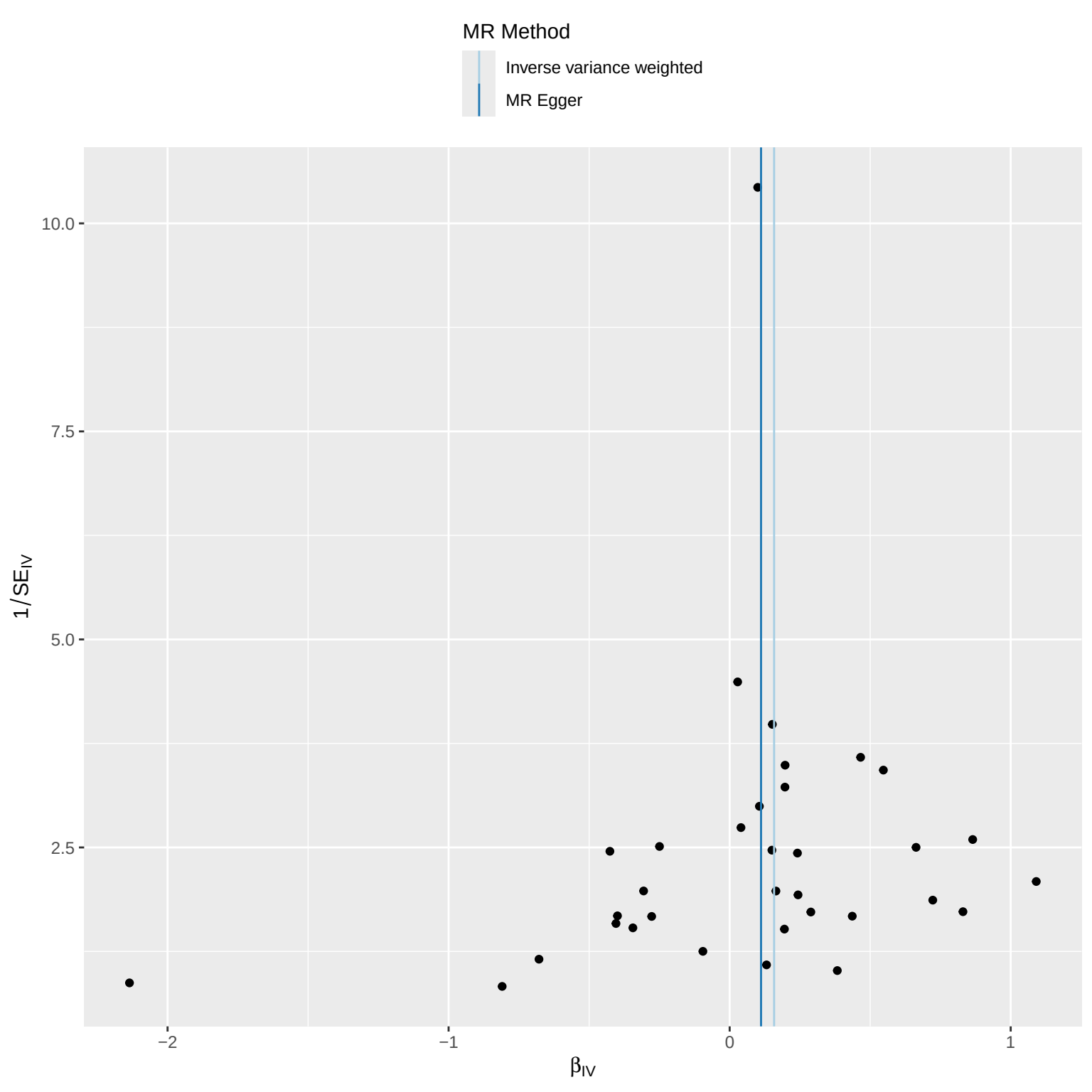

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
0.0
0.5
1.0
1.5

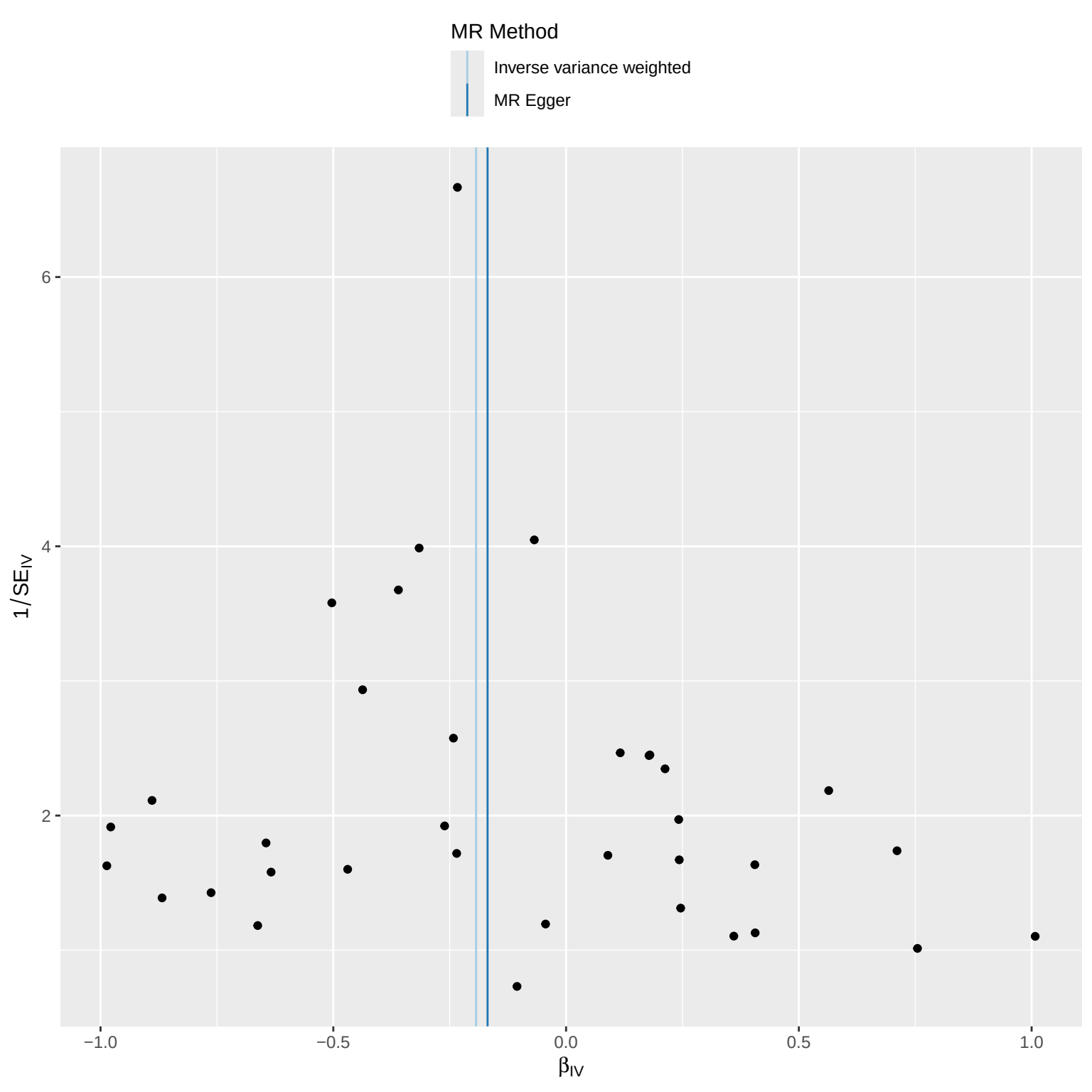

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

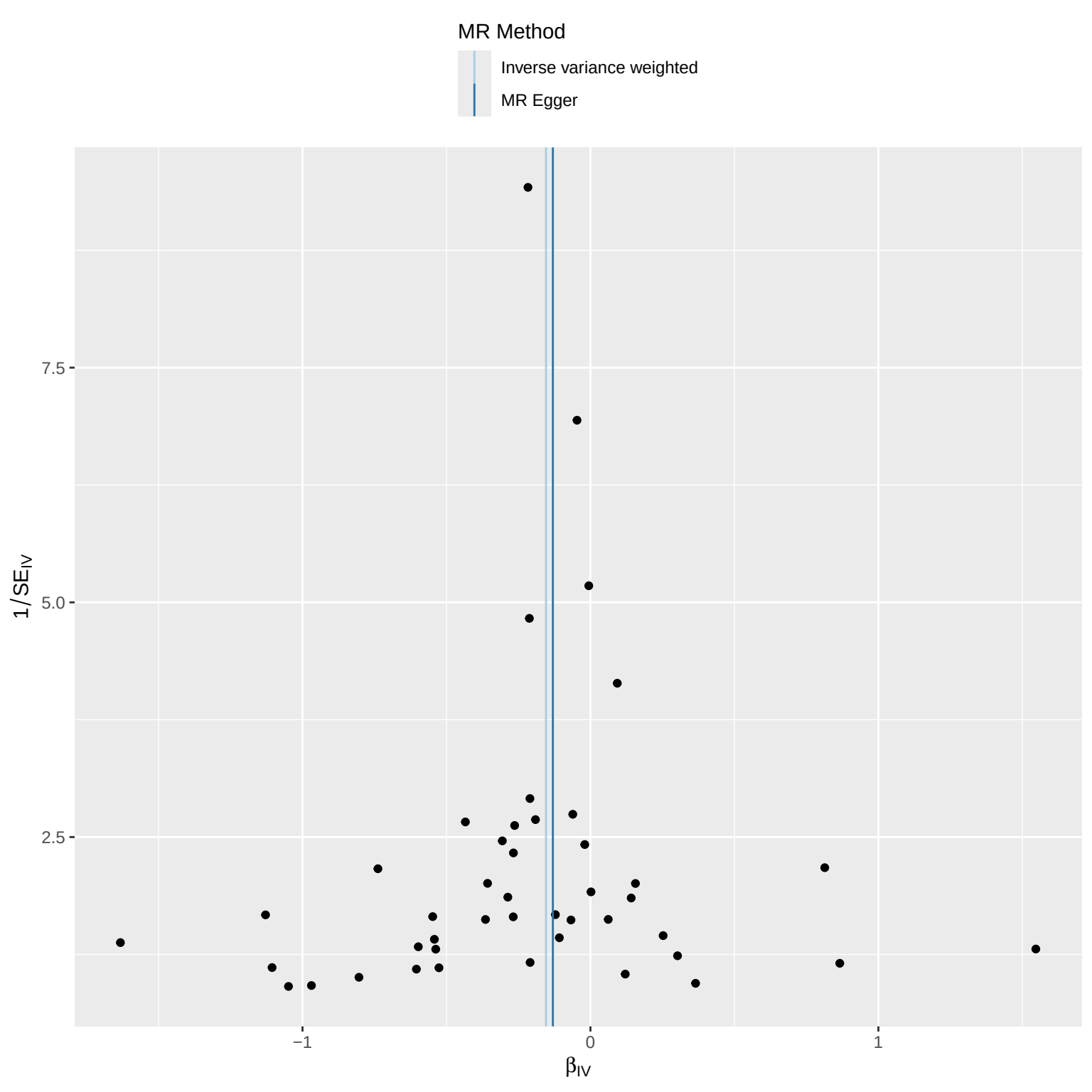

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
0.0
0.5
1.0
β_IV

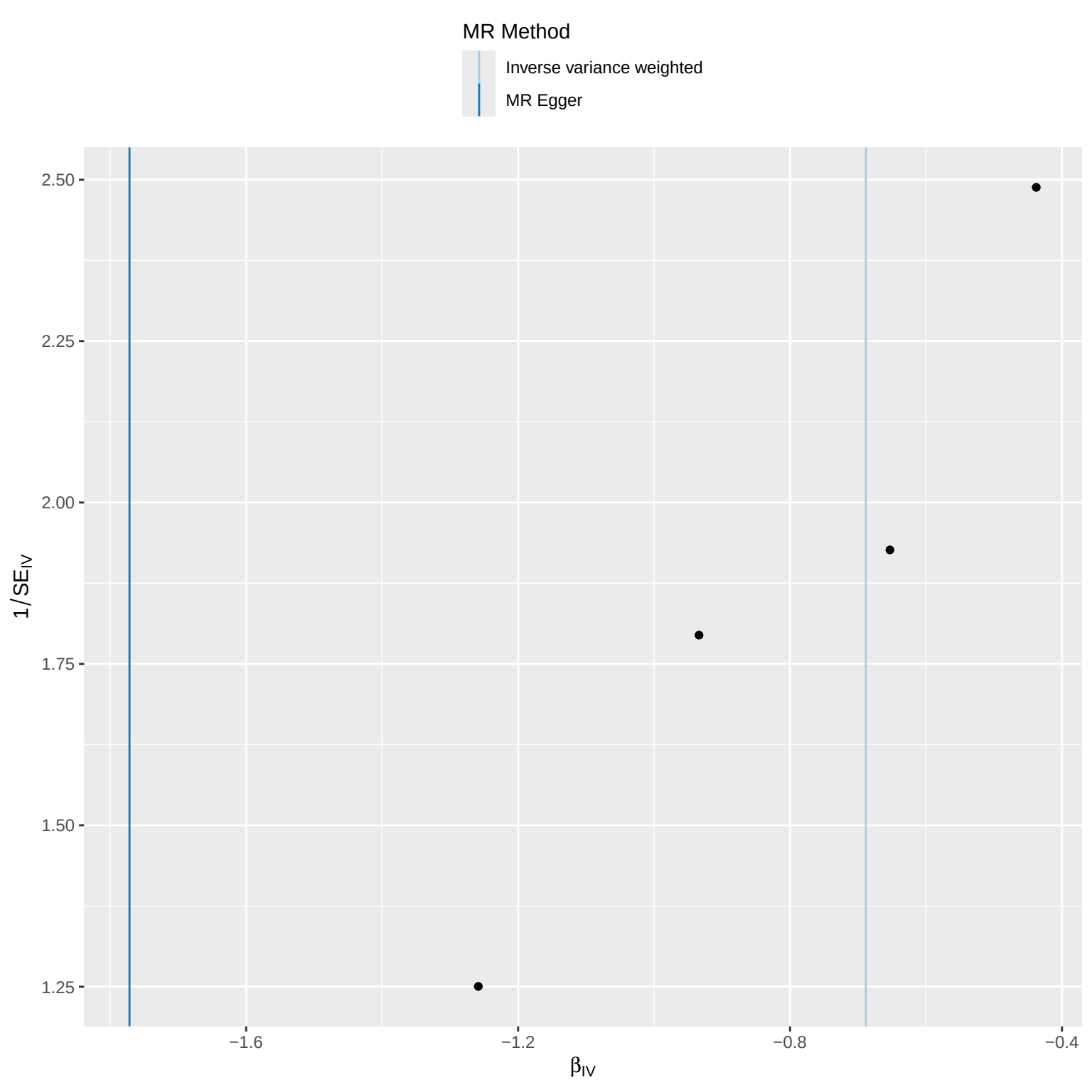

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

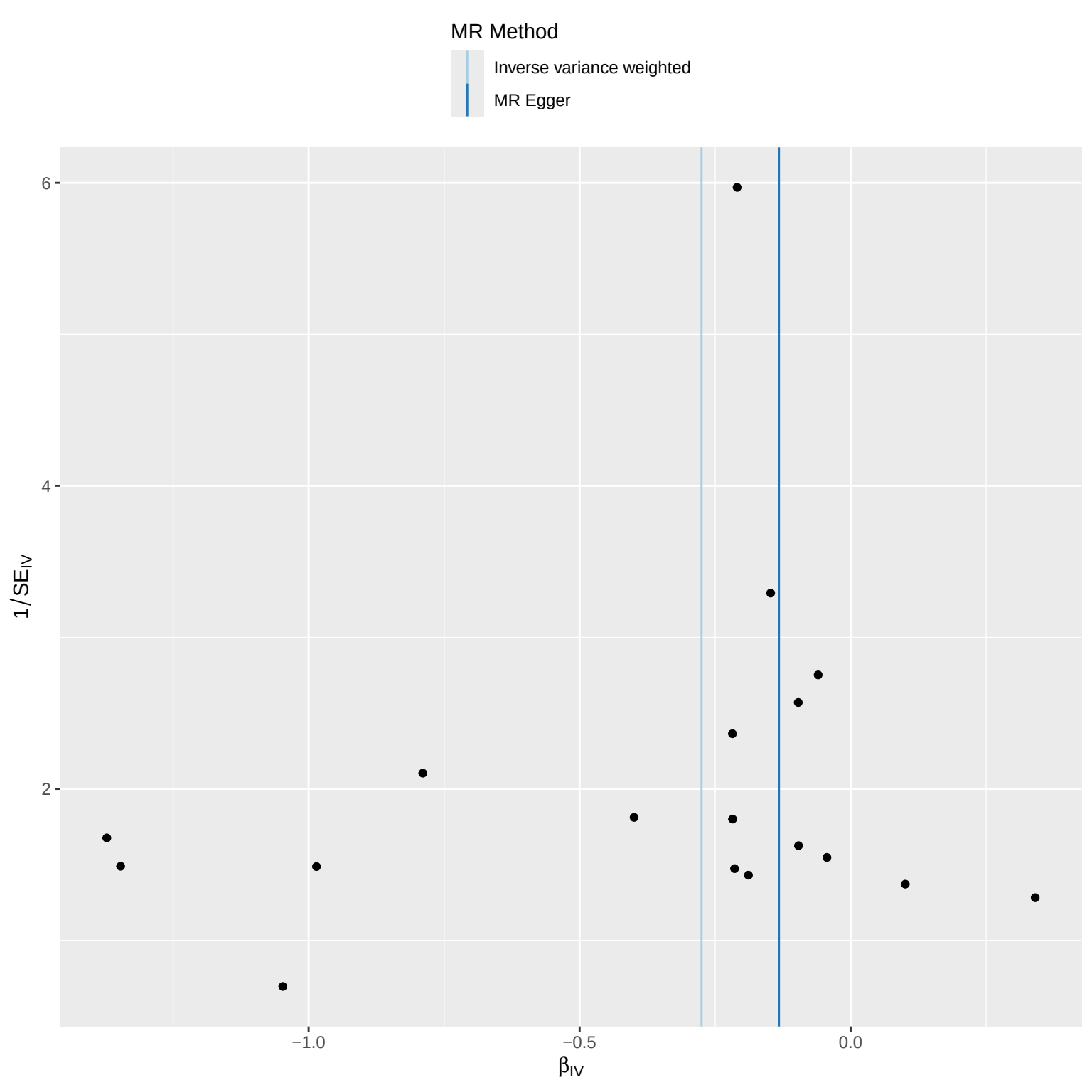

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

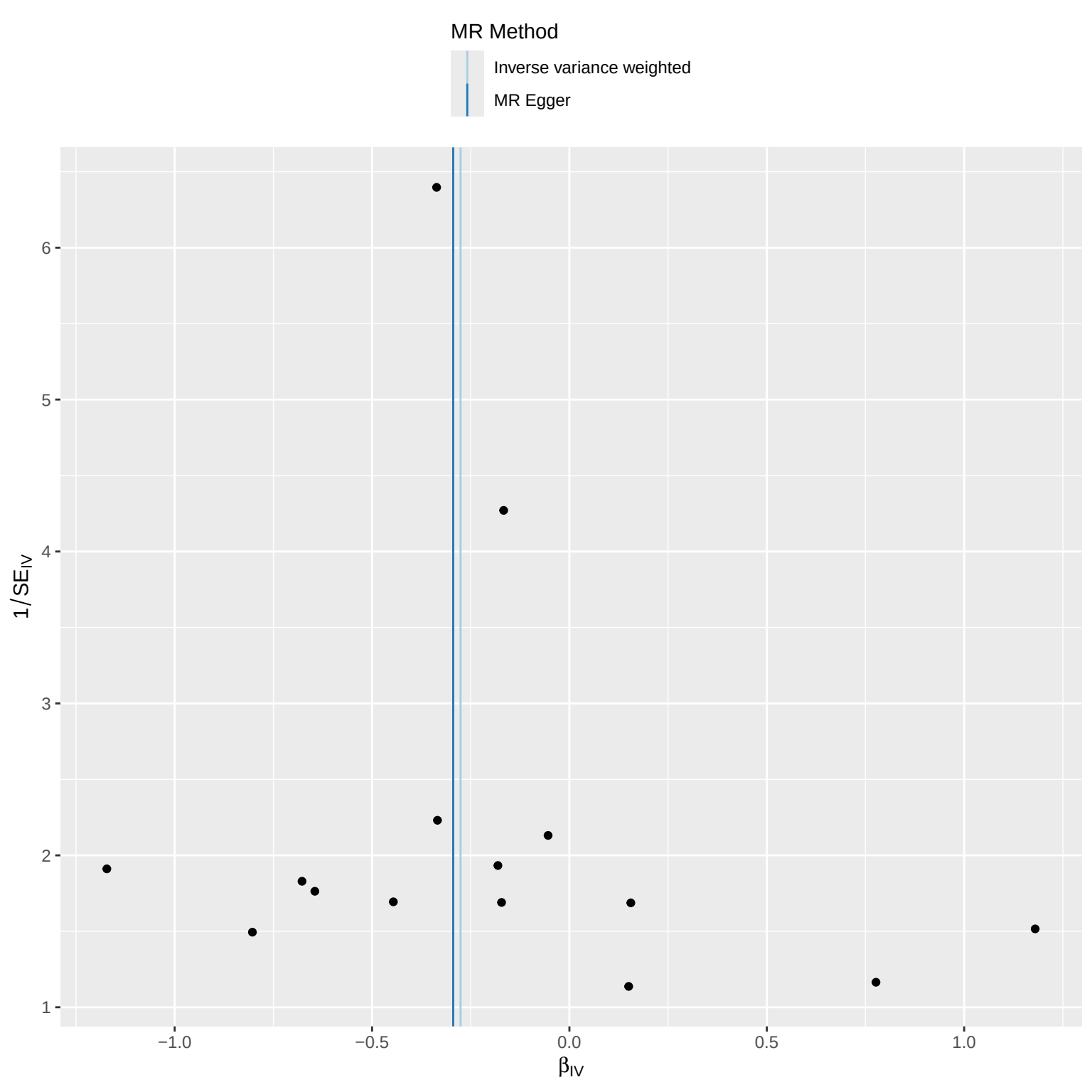

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

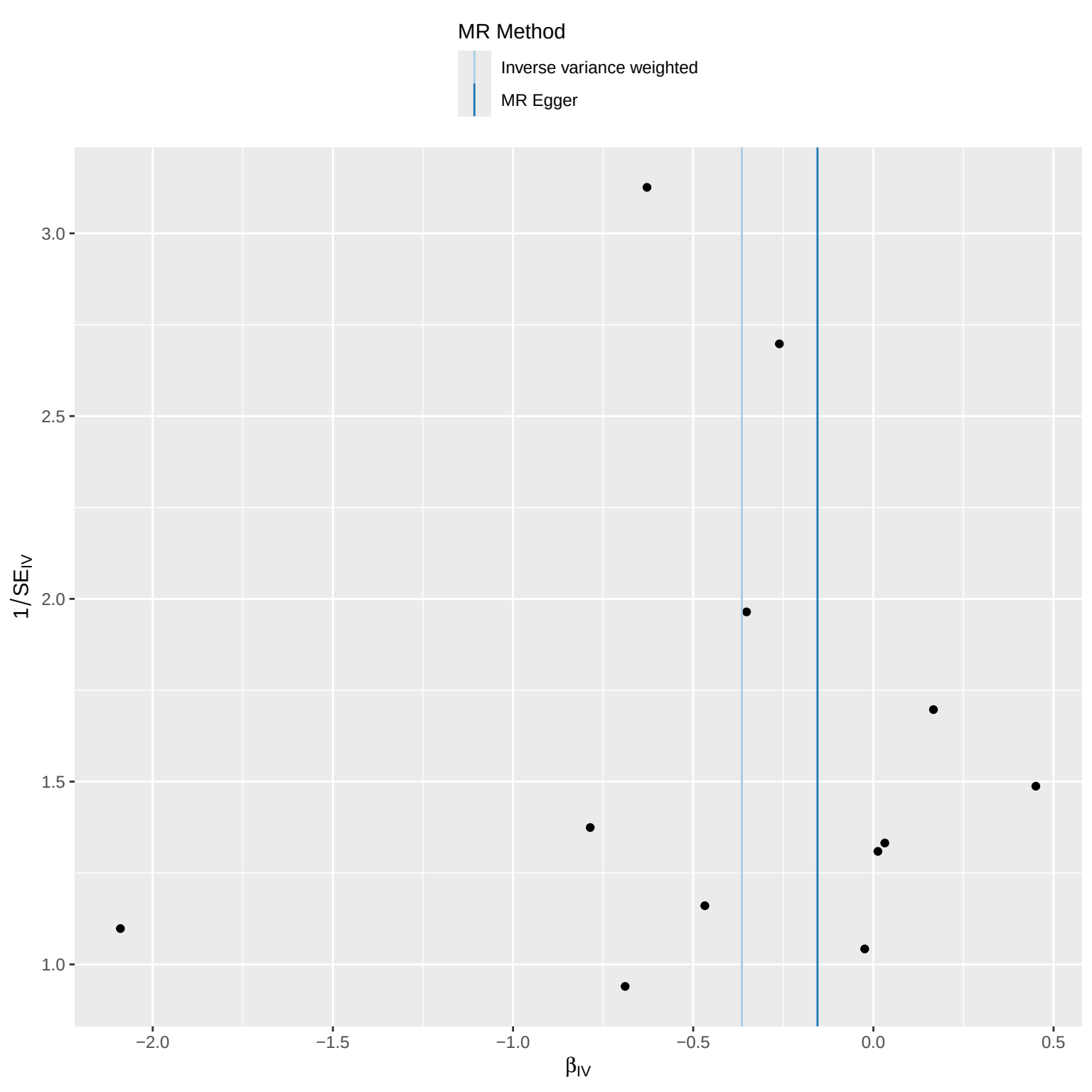

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

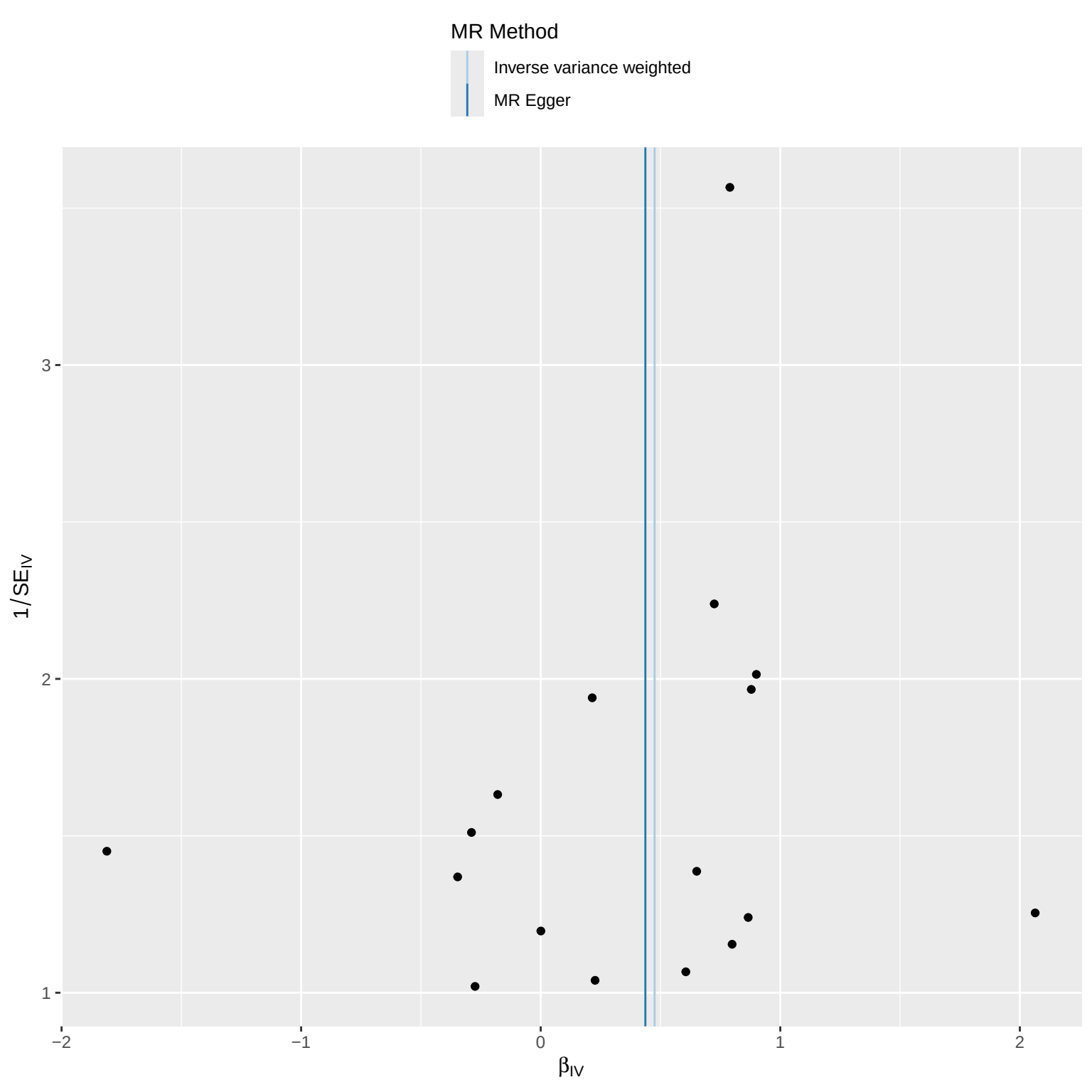

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

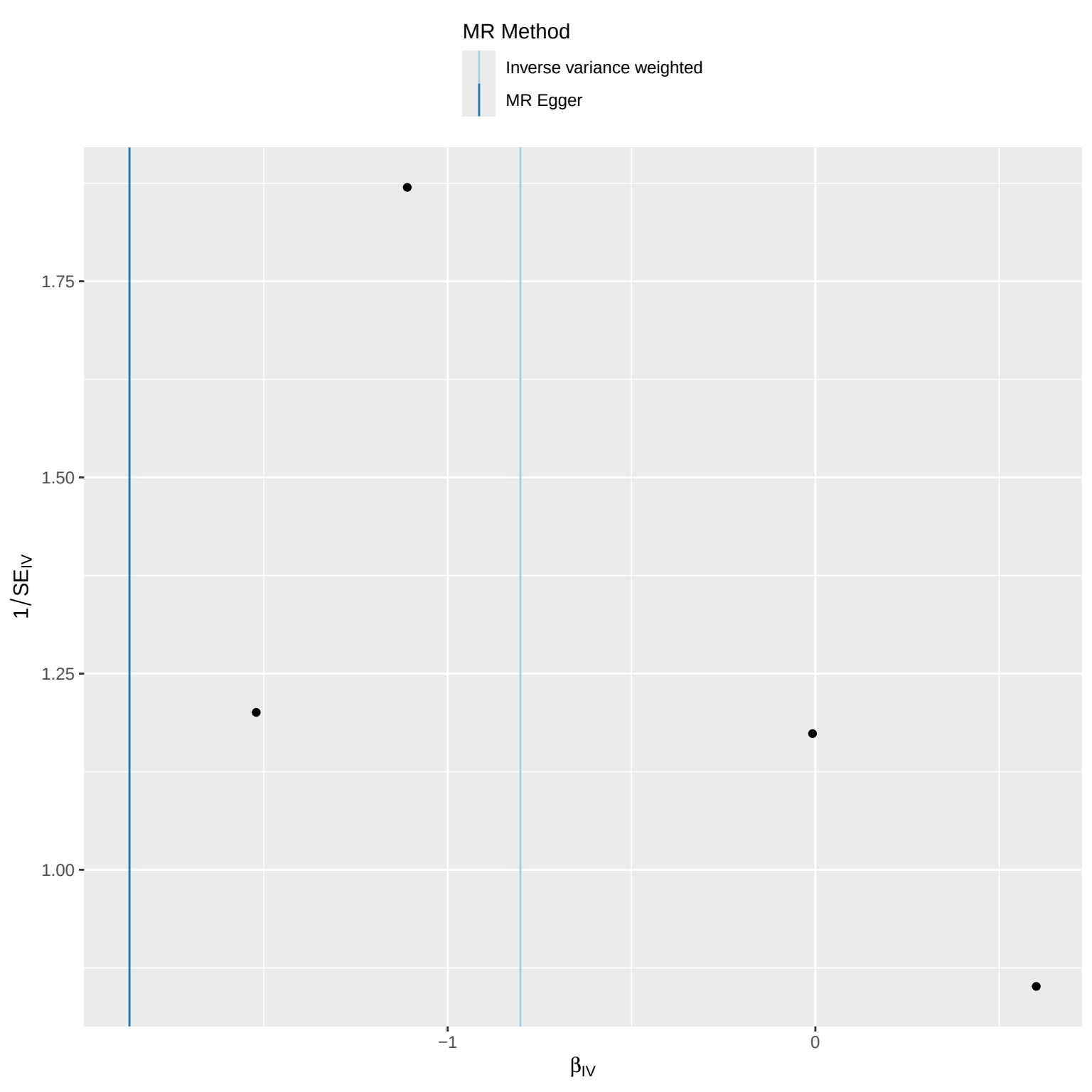

MR Method
Inverse variance weighted
MR Egger
2.50
2.25
2.00
1.75
1.50
1.25
1/SE_IV
−1.6
−1.2
−0.8
−0.4
β_IV

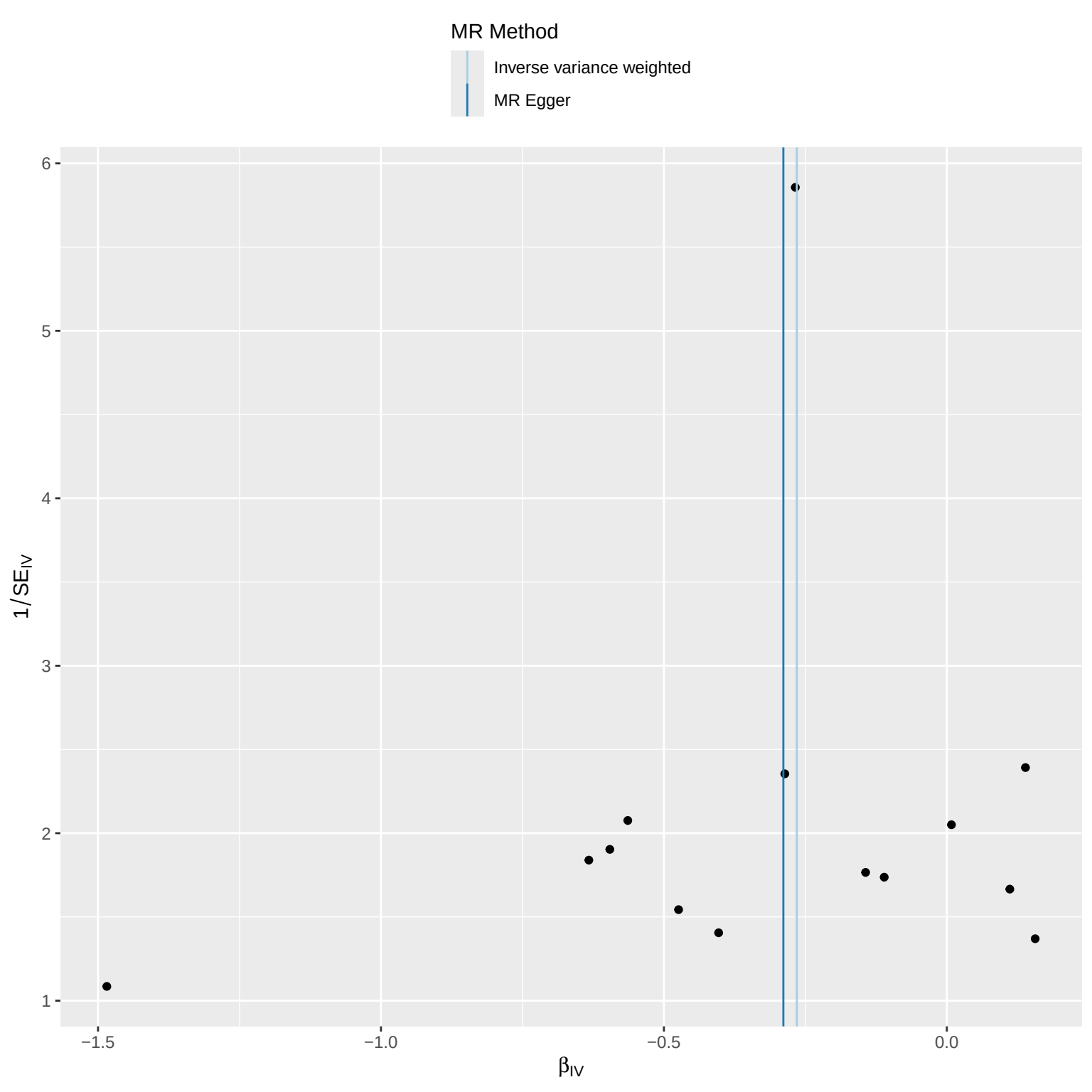

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
β_IV

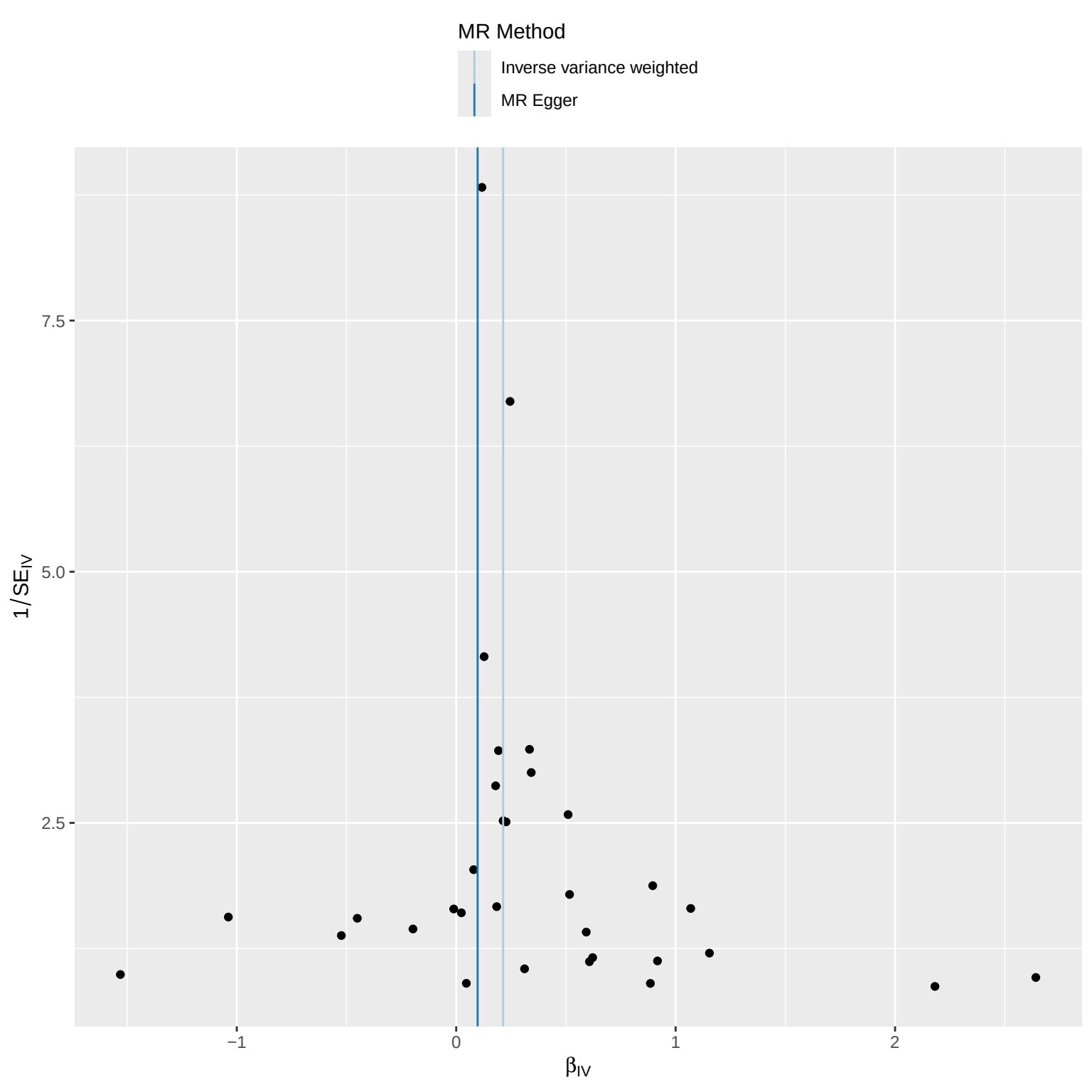

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

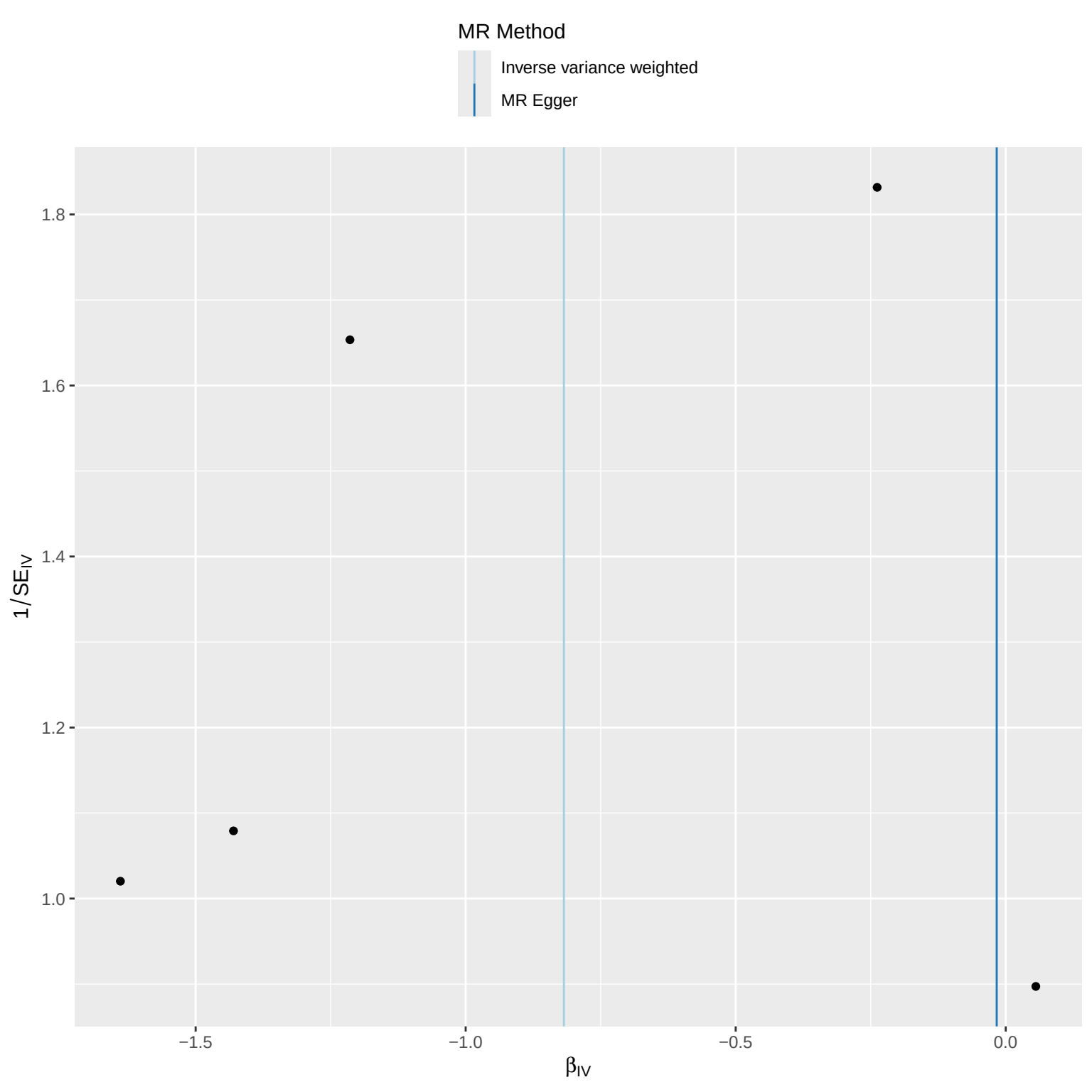

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

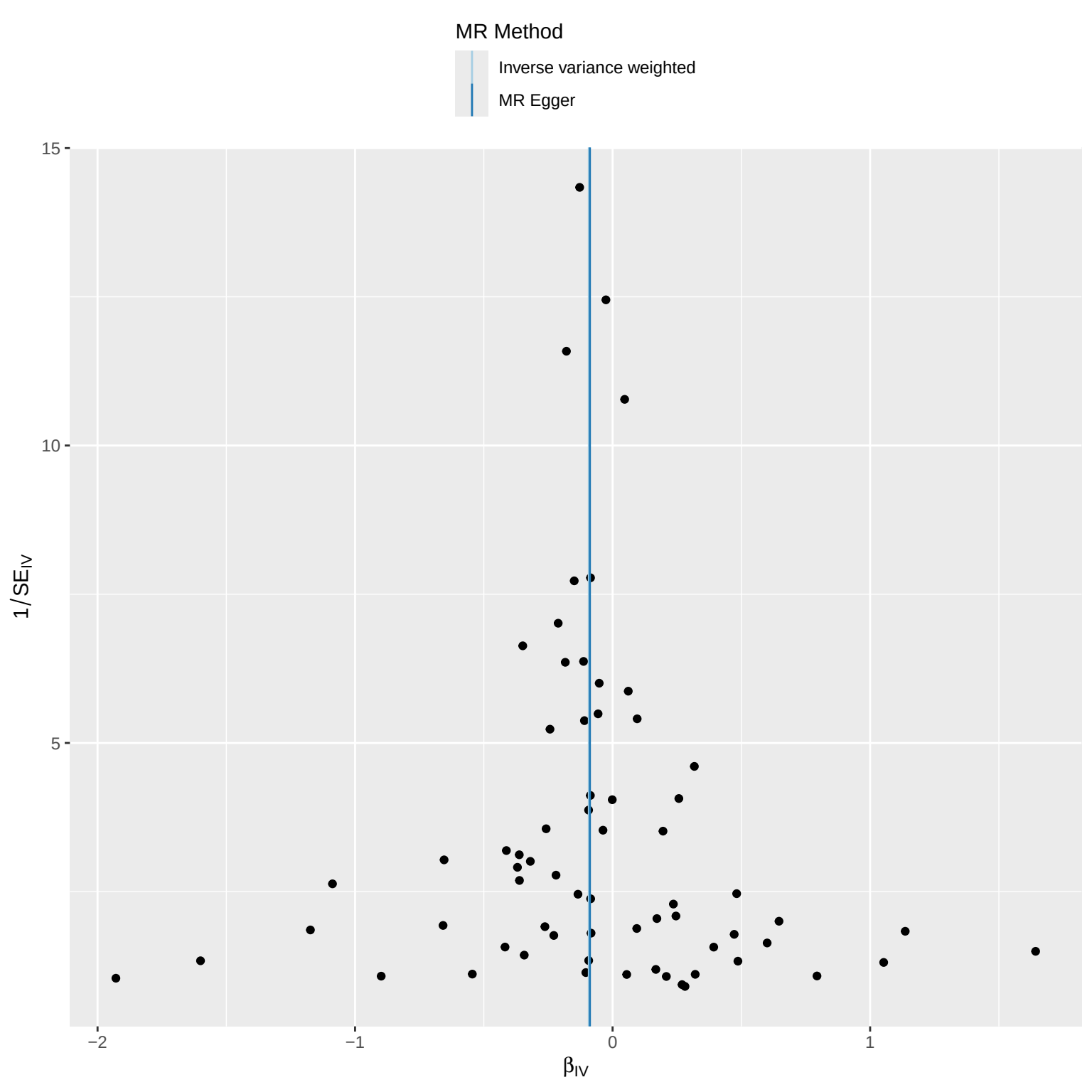

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

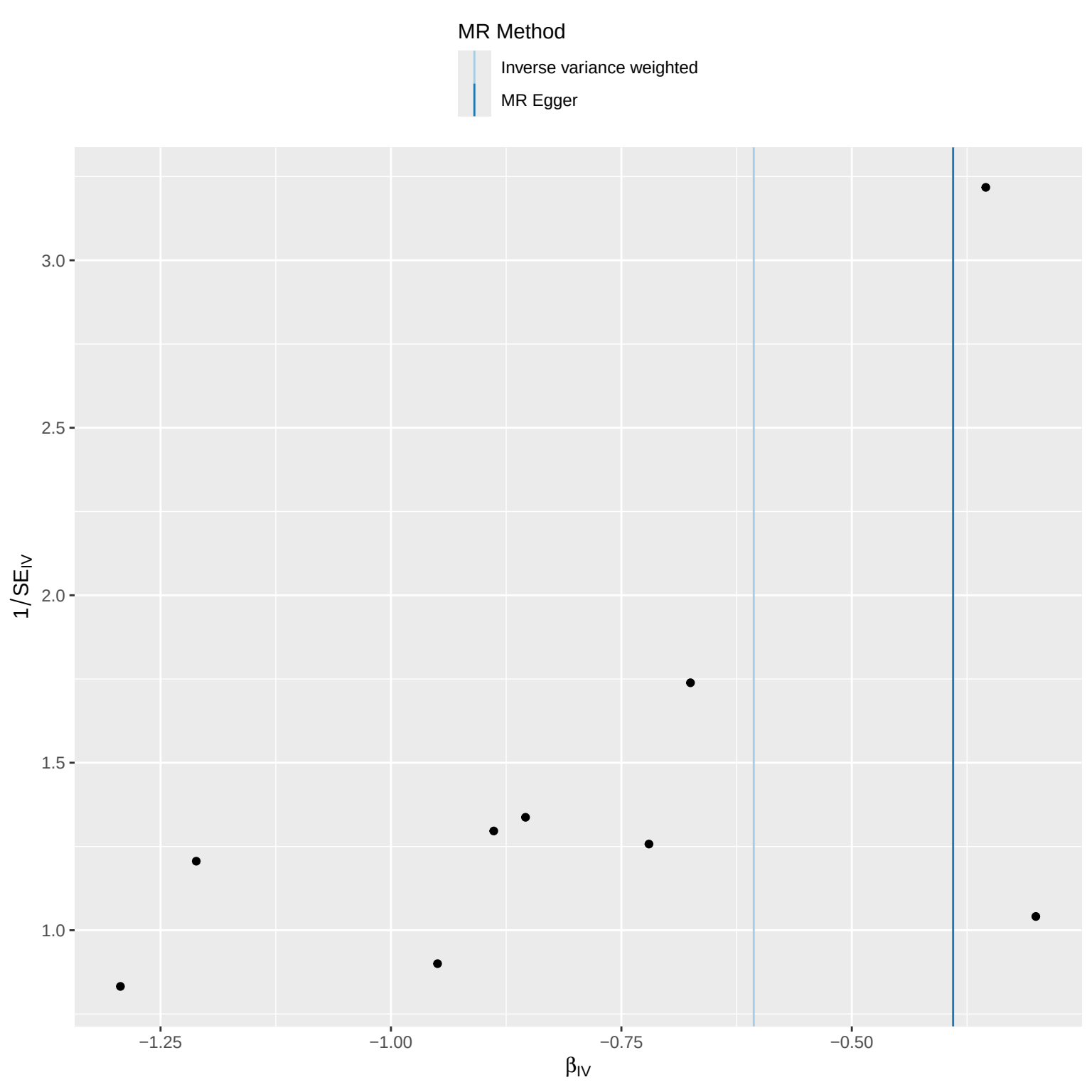

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
−1
0
β_IV

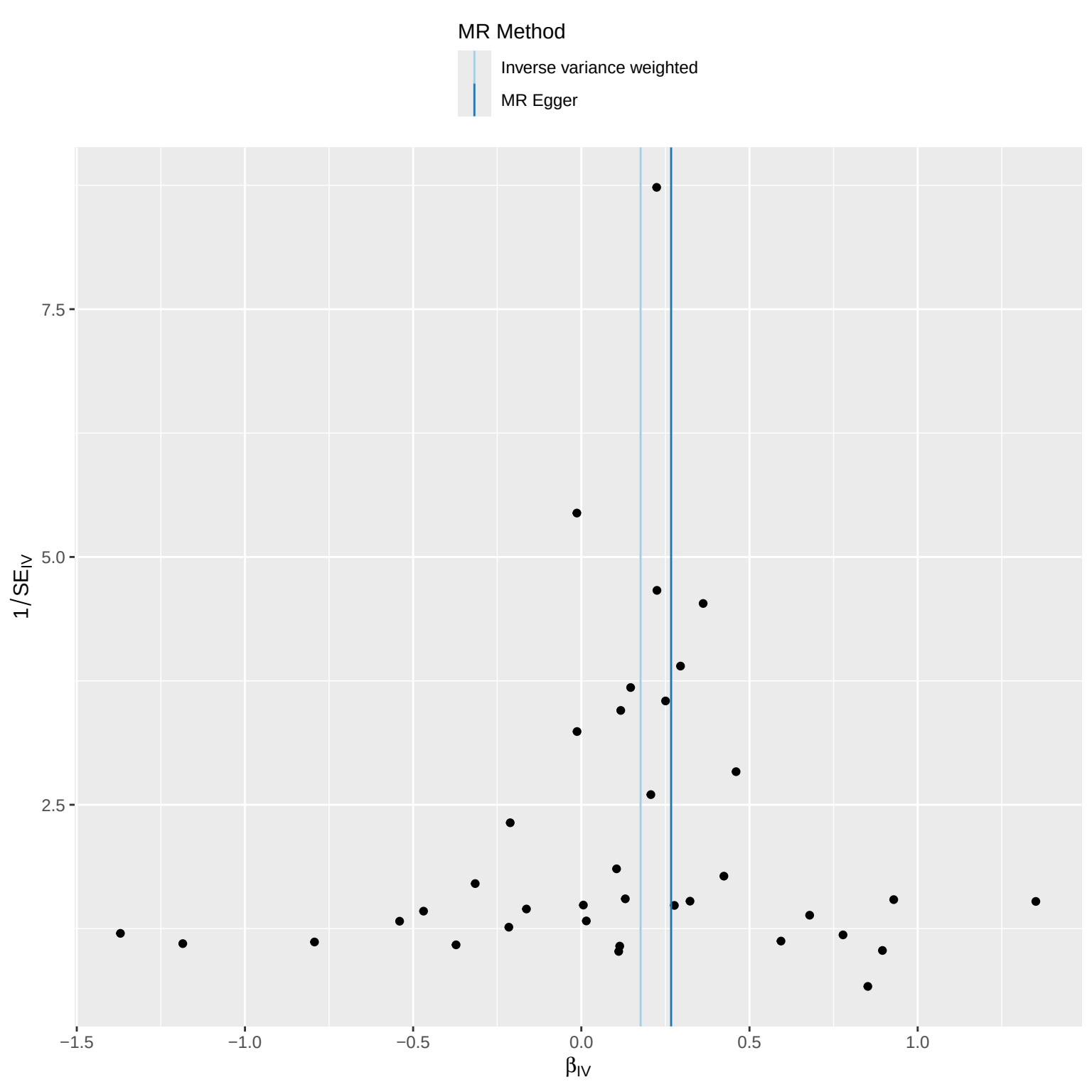

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

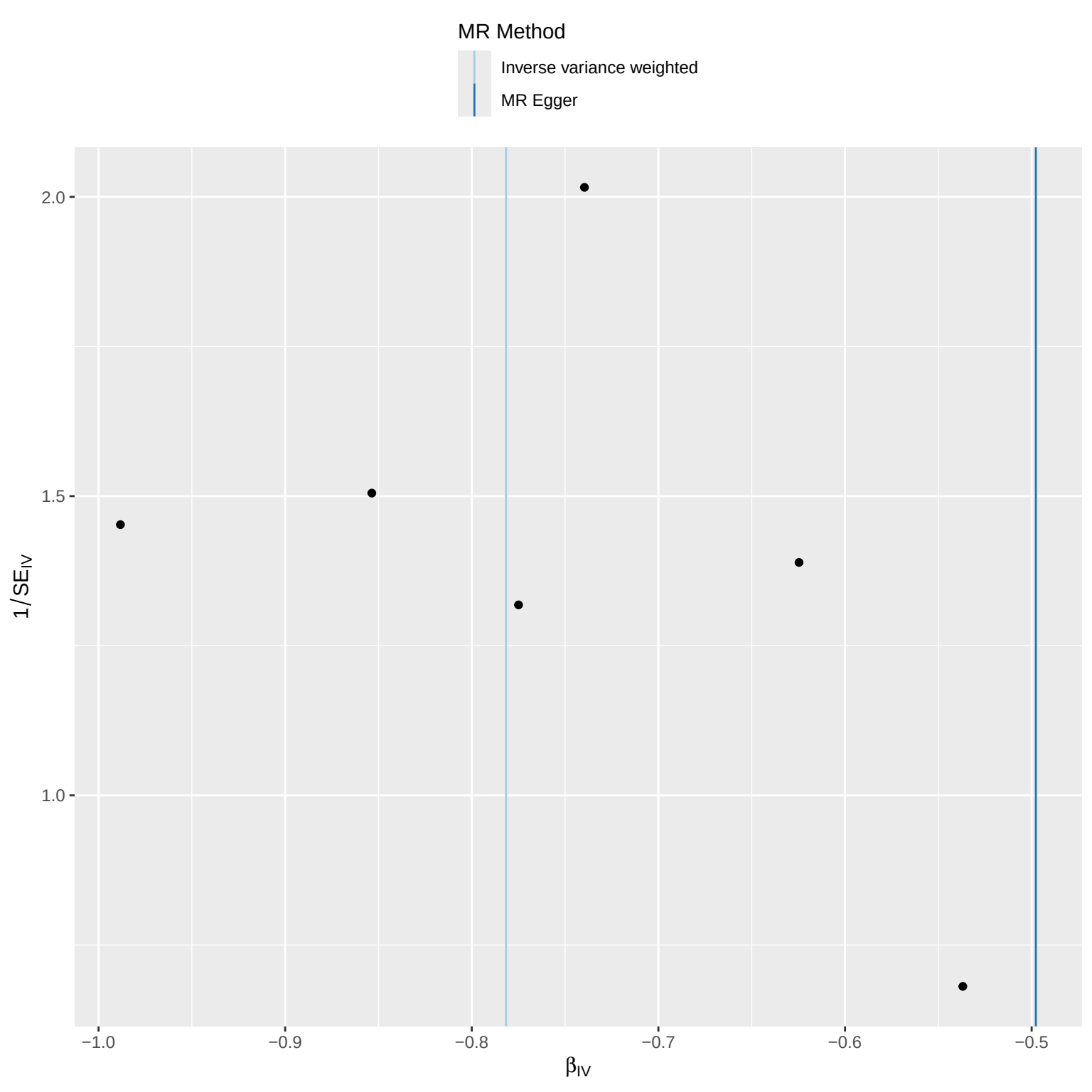

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

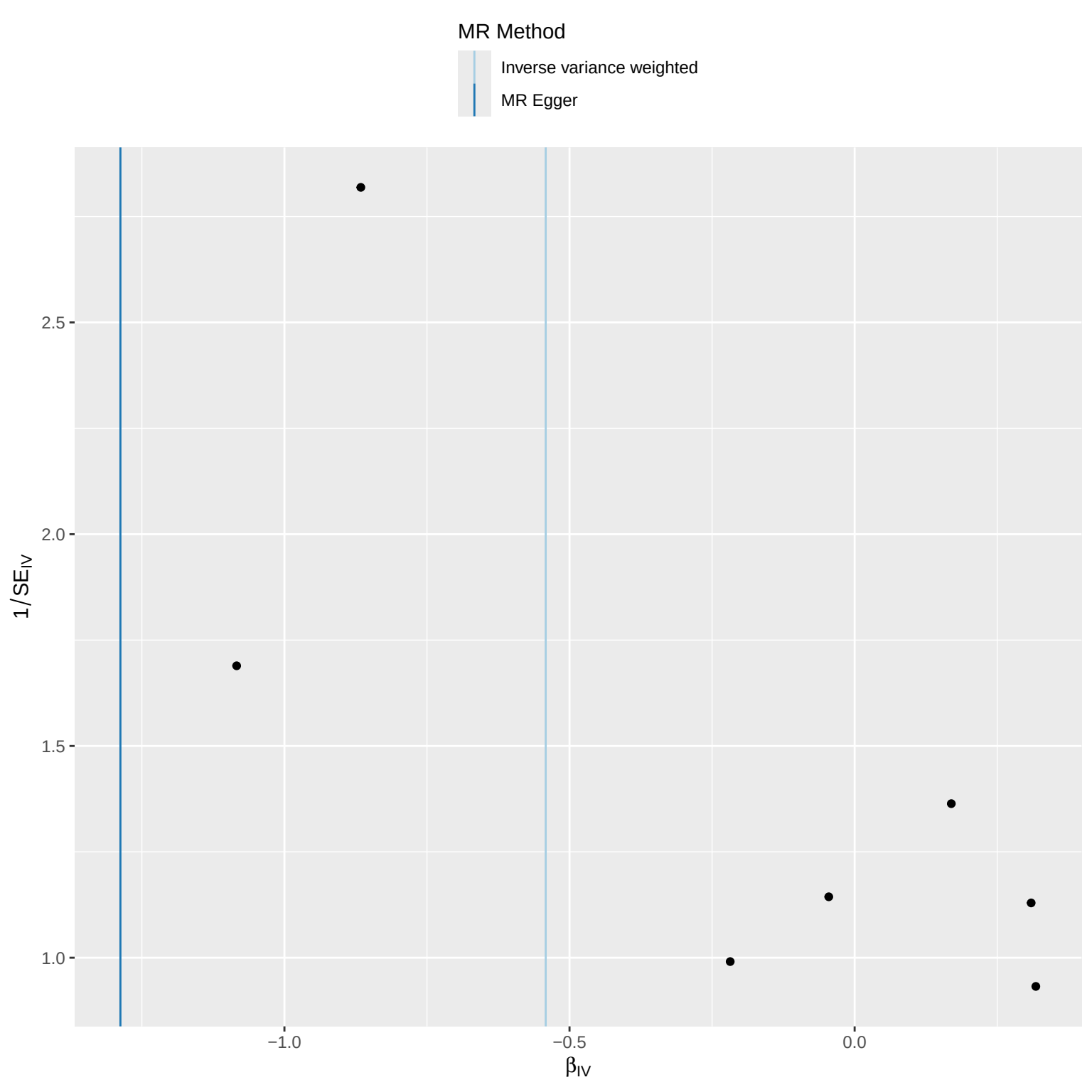

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

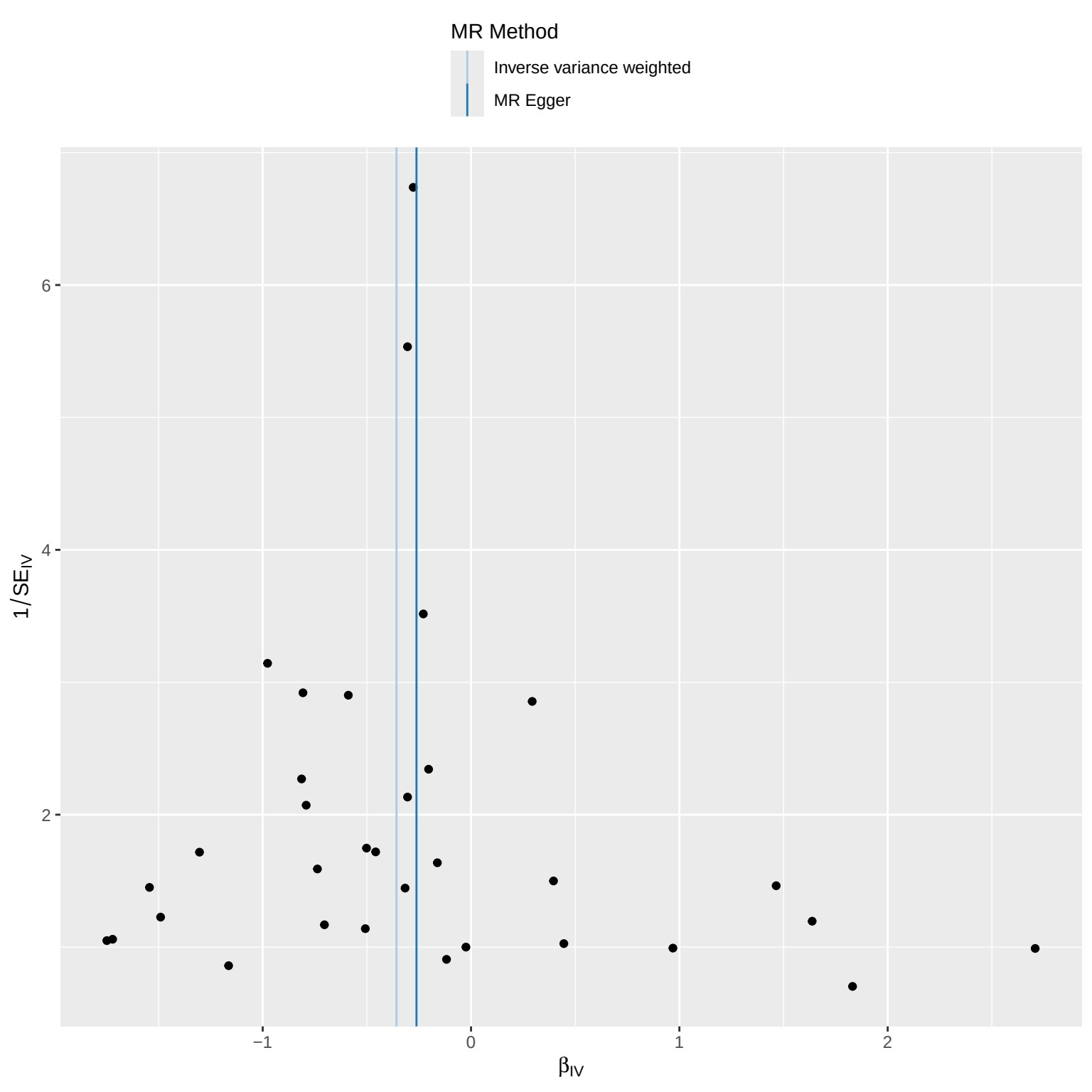

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−2
−1
0
1
β_IV

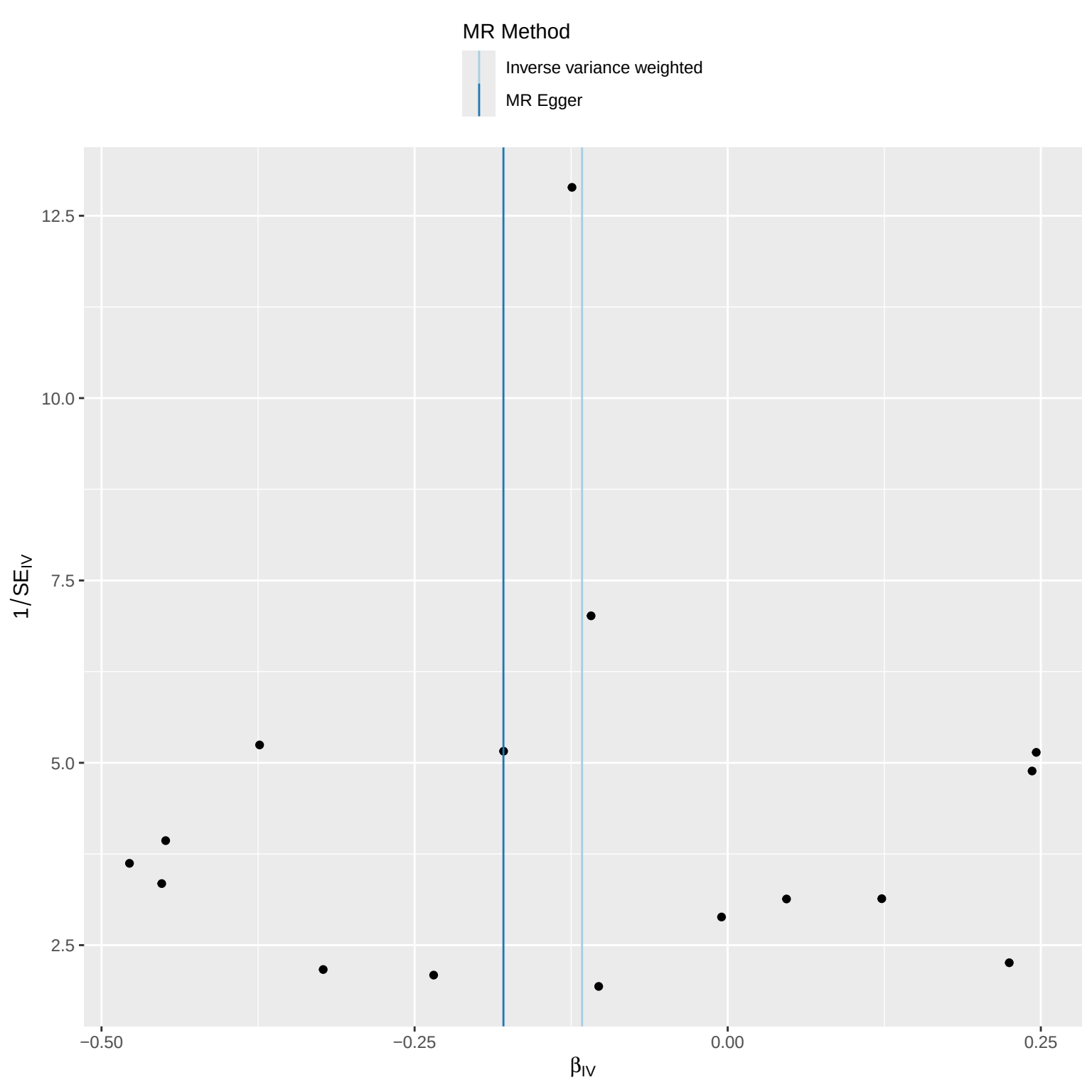

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.25
−1.00
−0.75
−0.50
β_IV

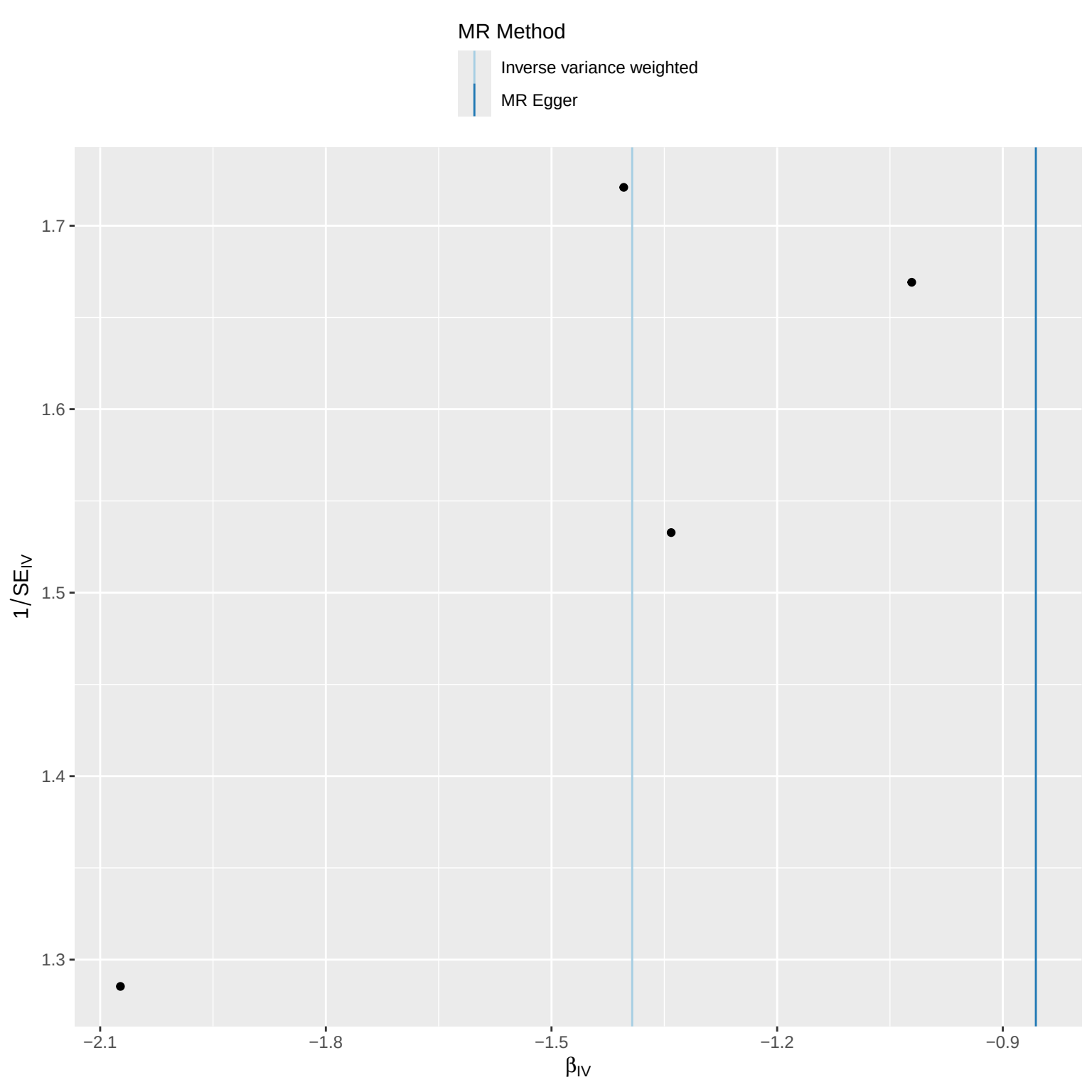

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

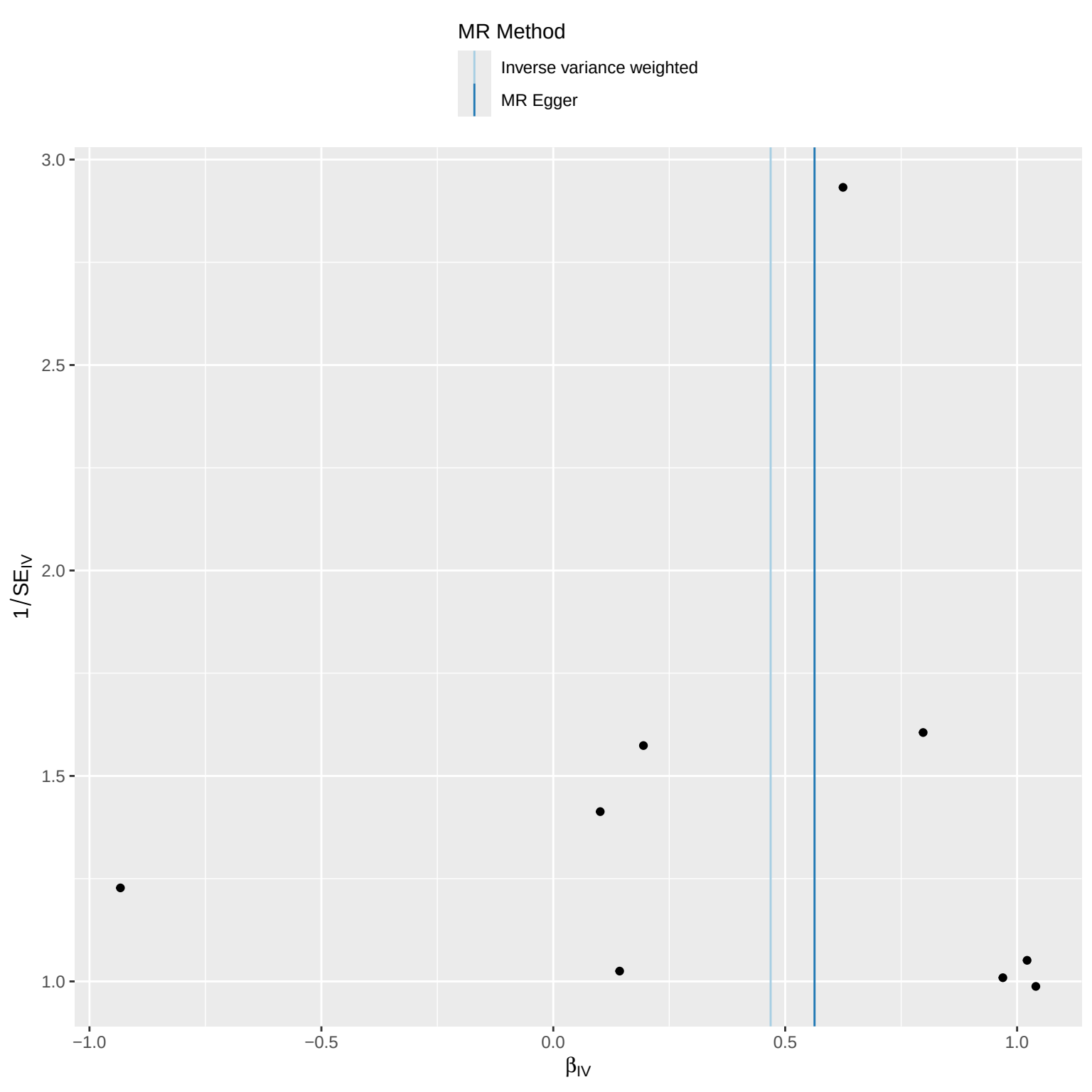

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.0
−0.9
−0.8
−0.7
−0.6
−0.5
β_IV

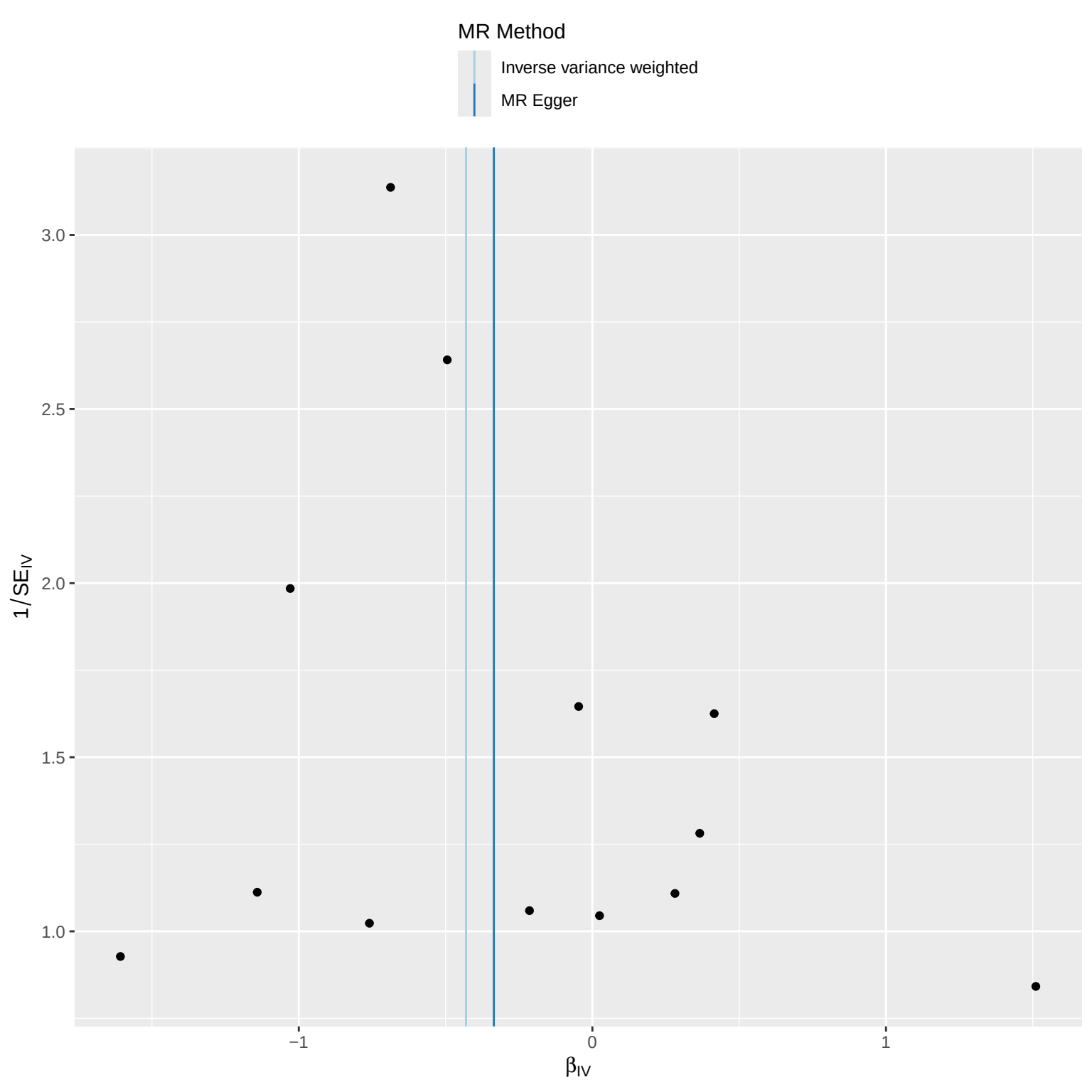

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

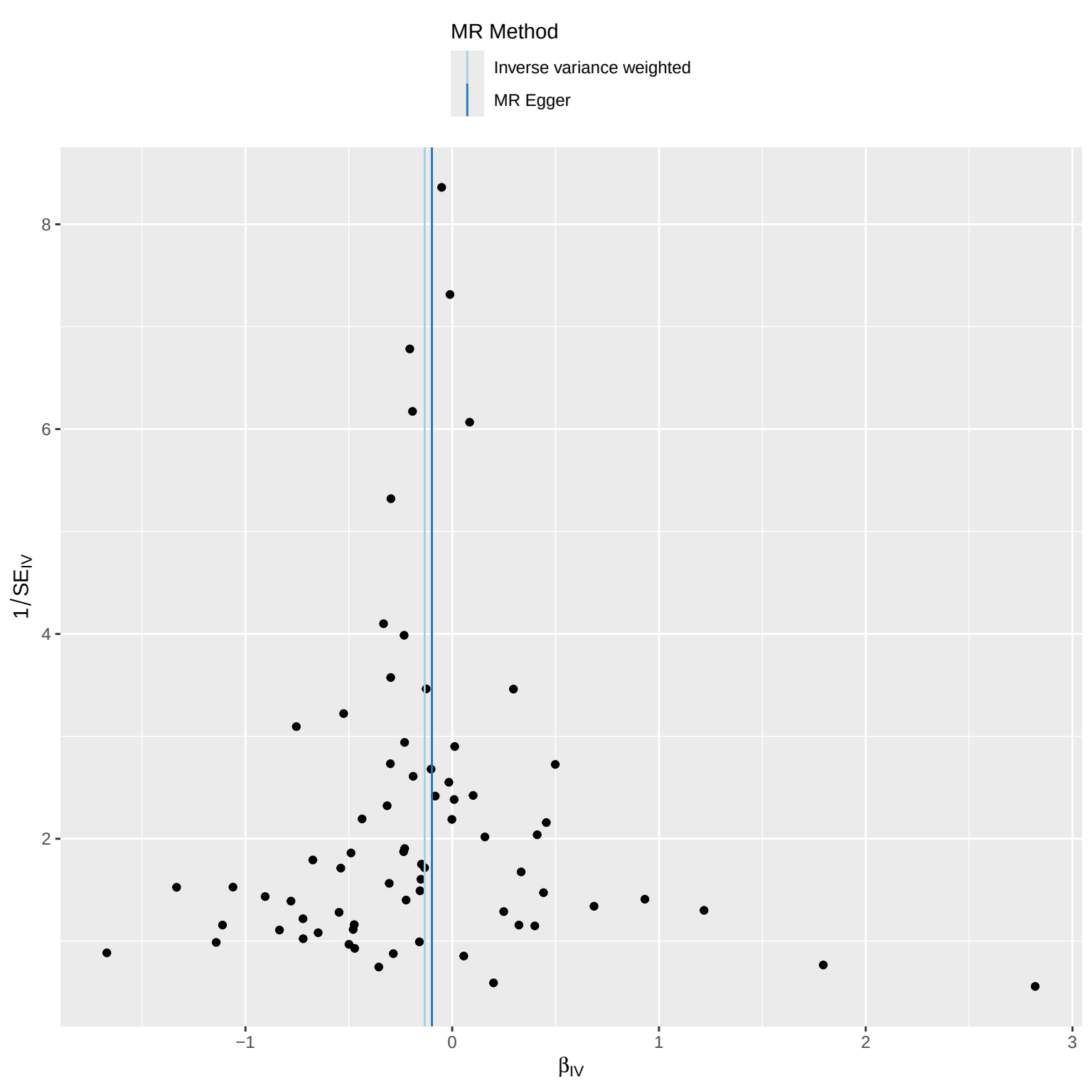

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

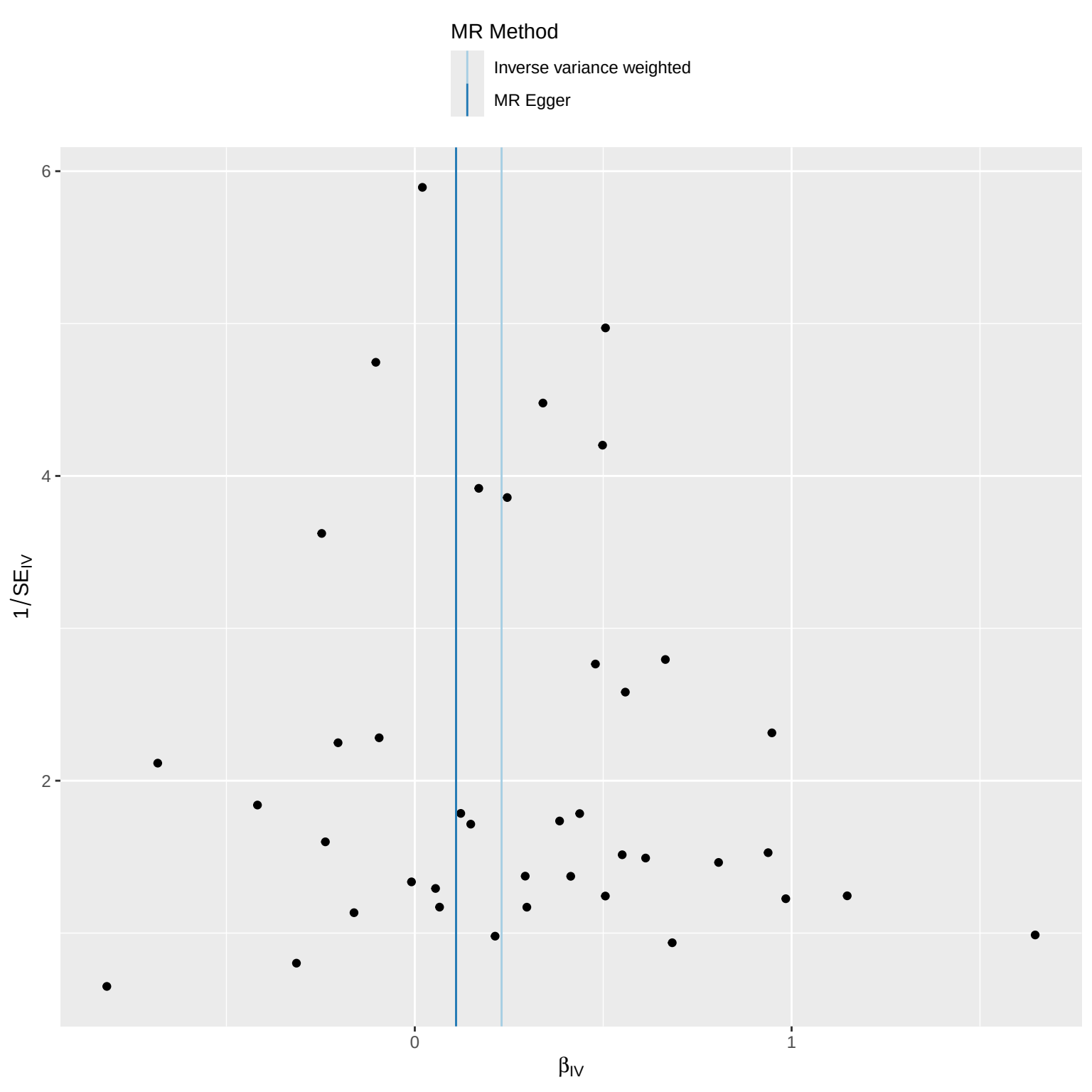

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

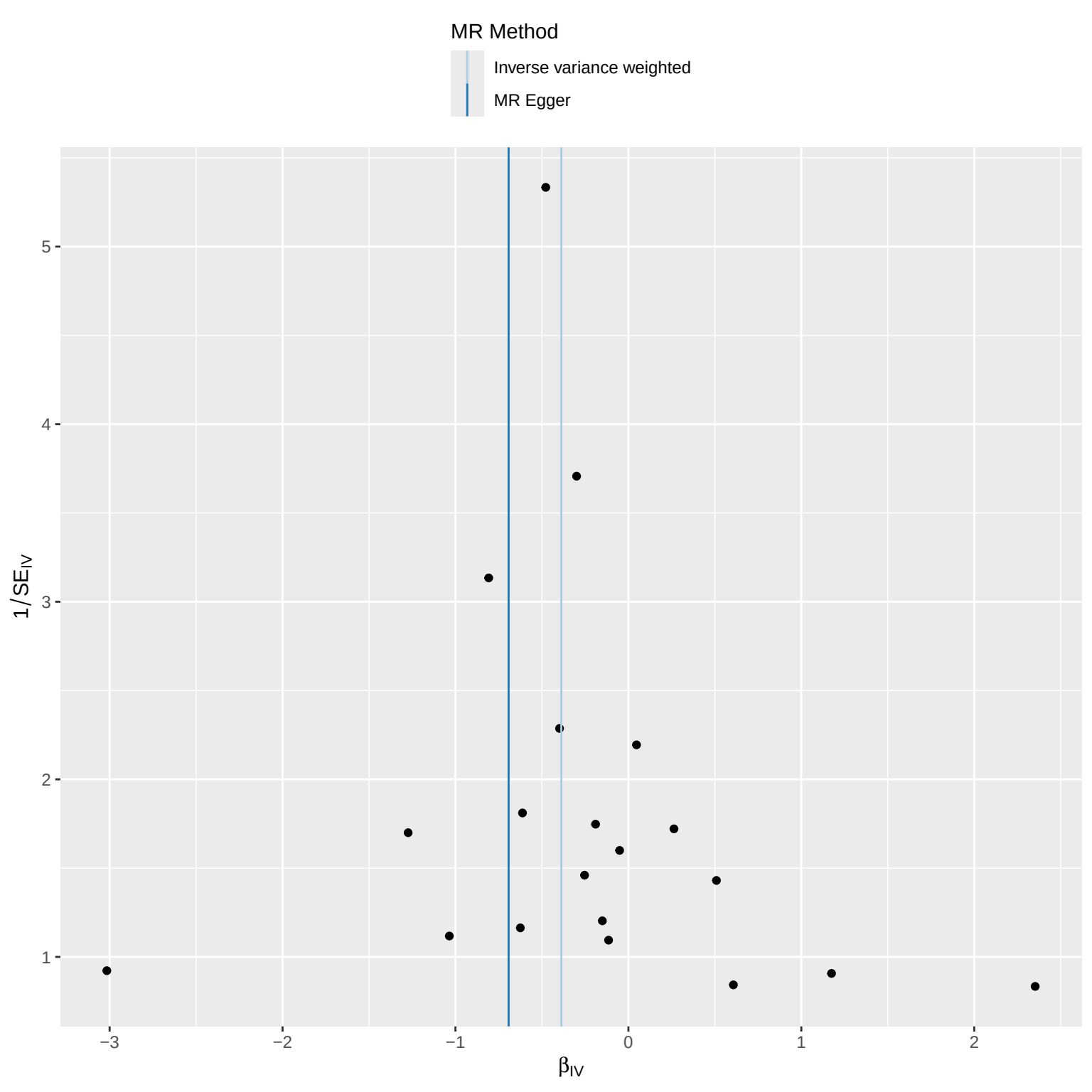

MR Method
Inverse variance weighted
MR Egger
1.7
1.6
1.5
1.4
1.3
1/SE_IV
−2.1
−1.8
−1.5
−1.2
−0.9
β_IV

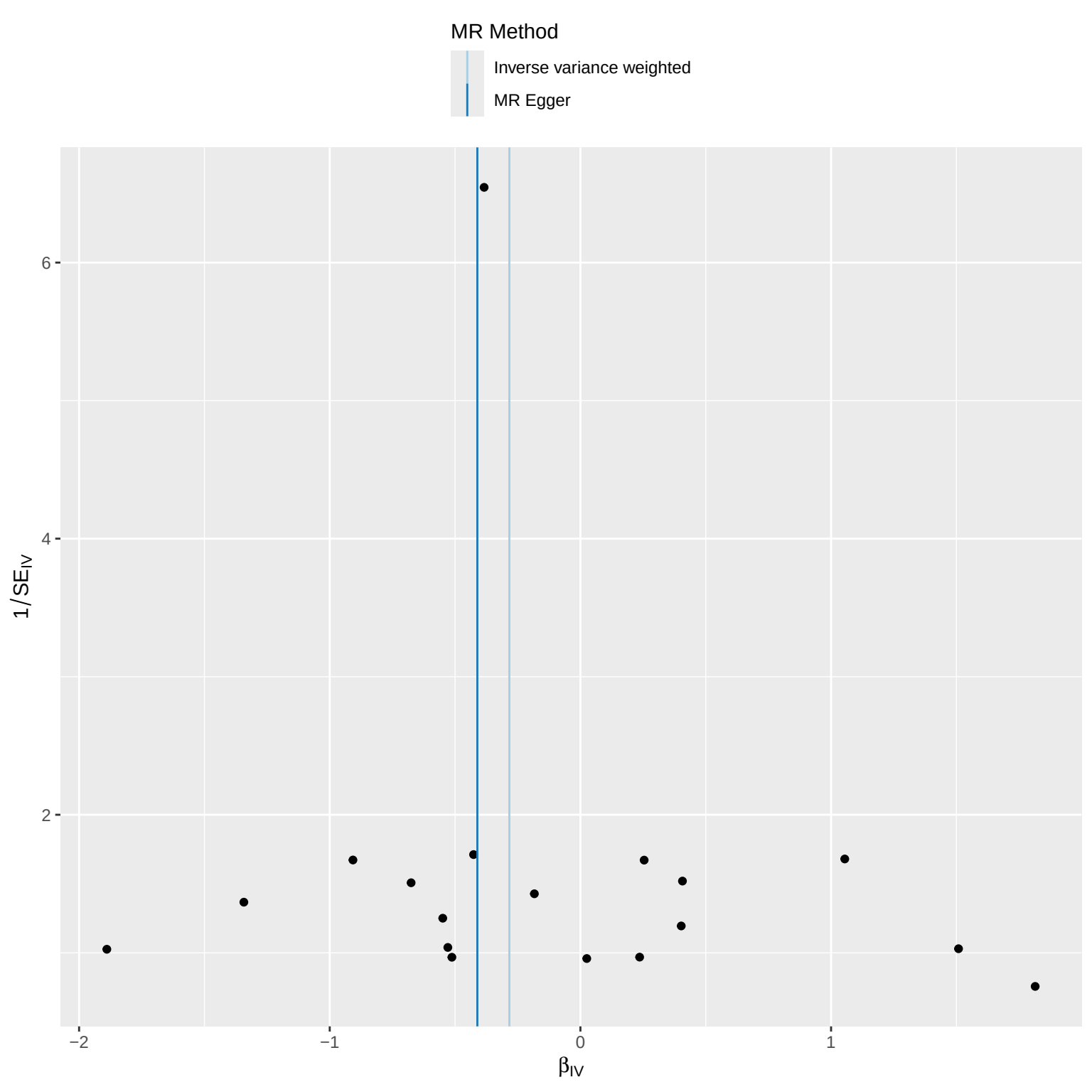

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

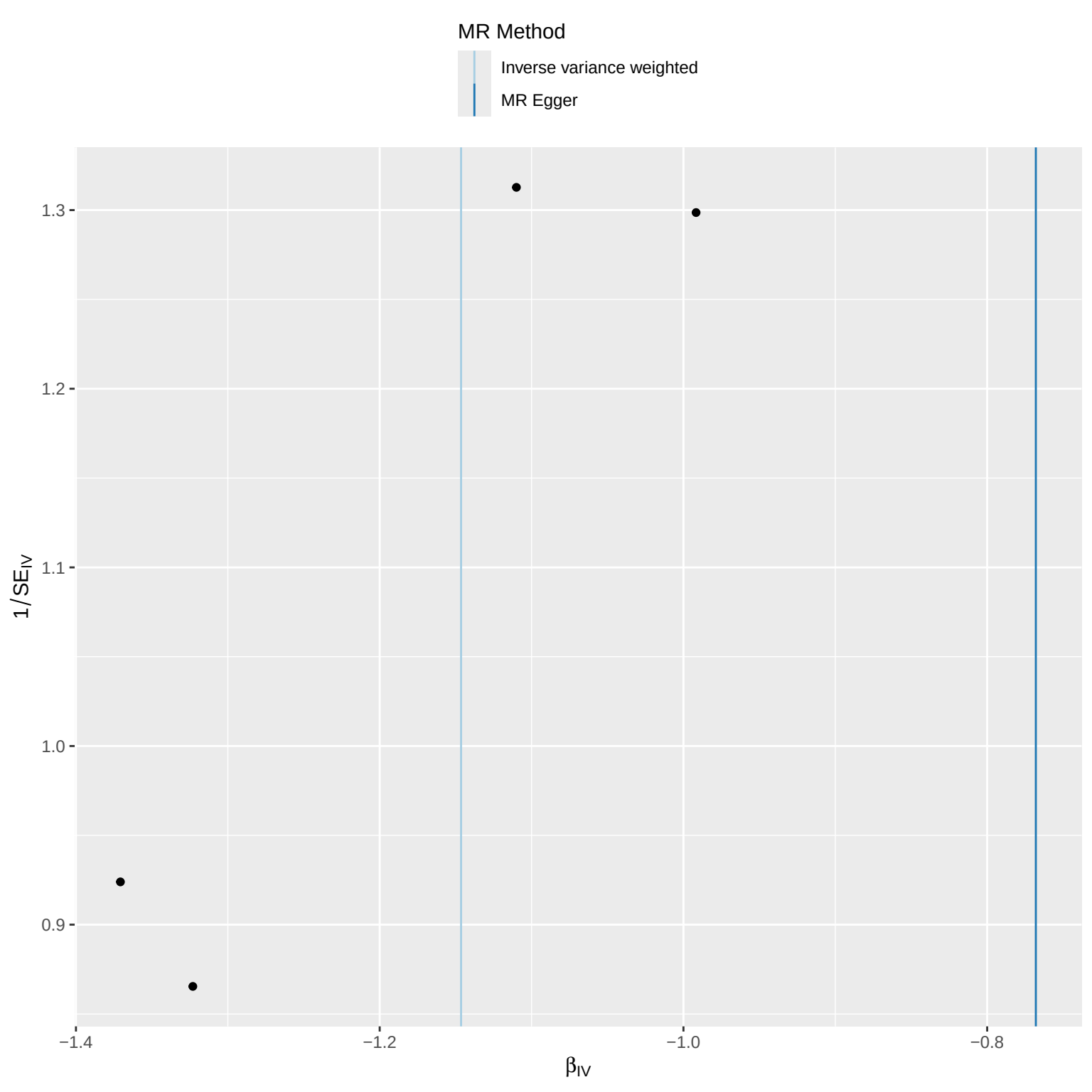

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

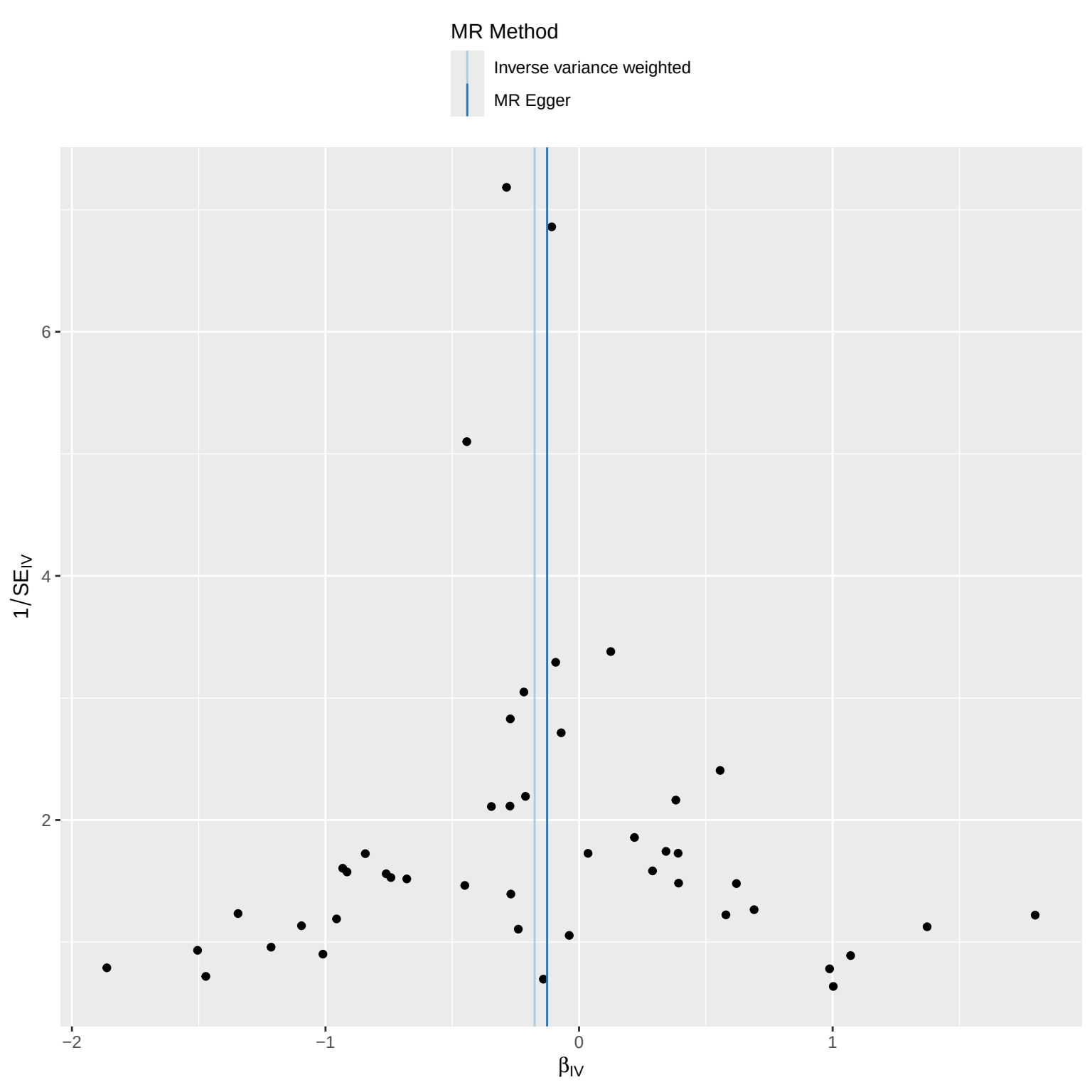

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
3
β_IV

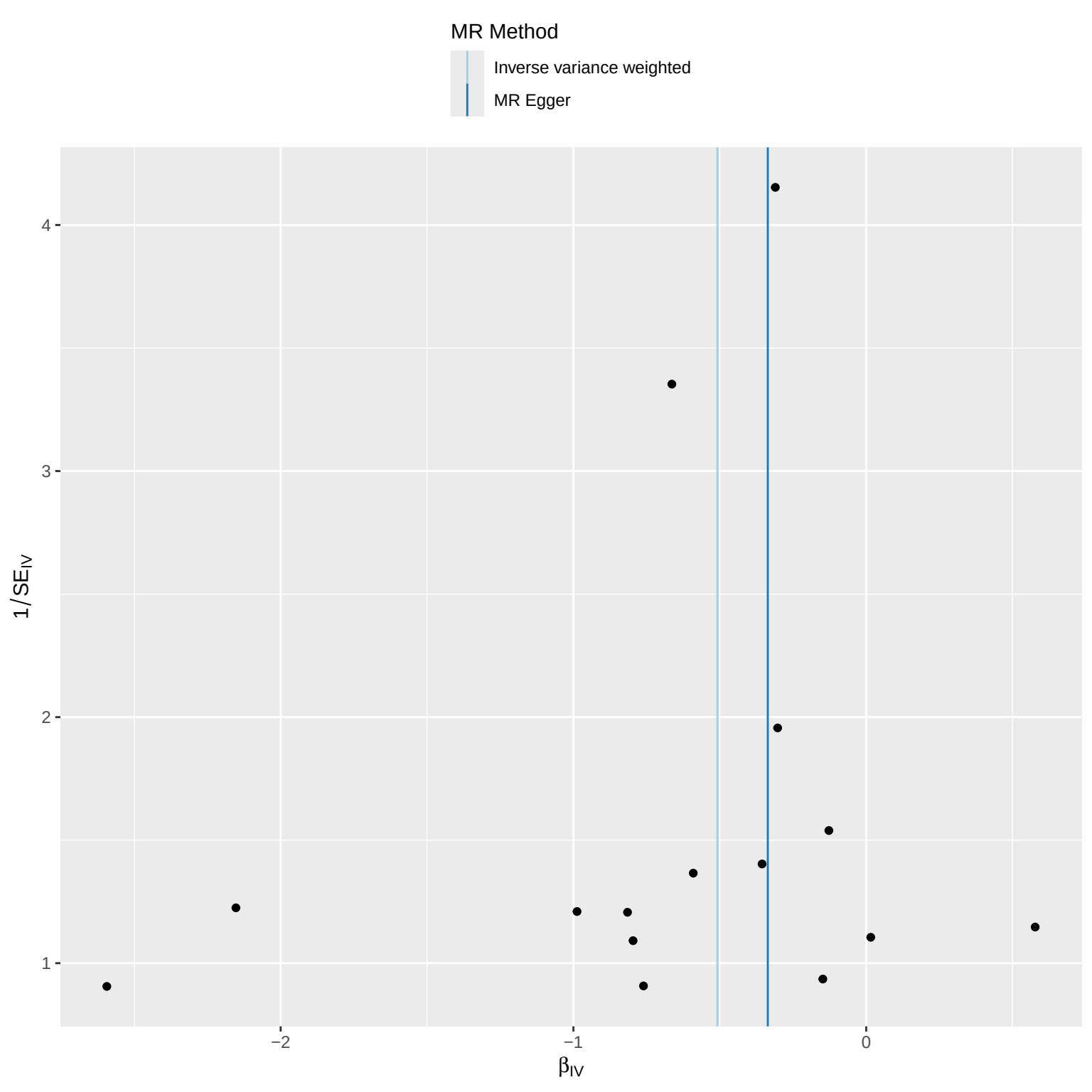

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1
1/SE_IV
β_IV

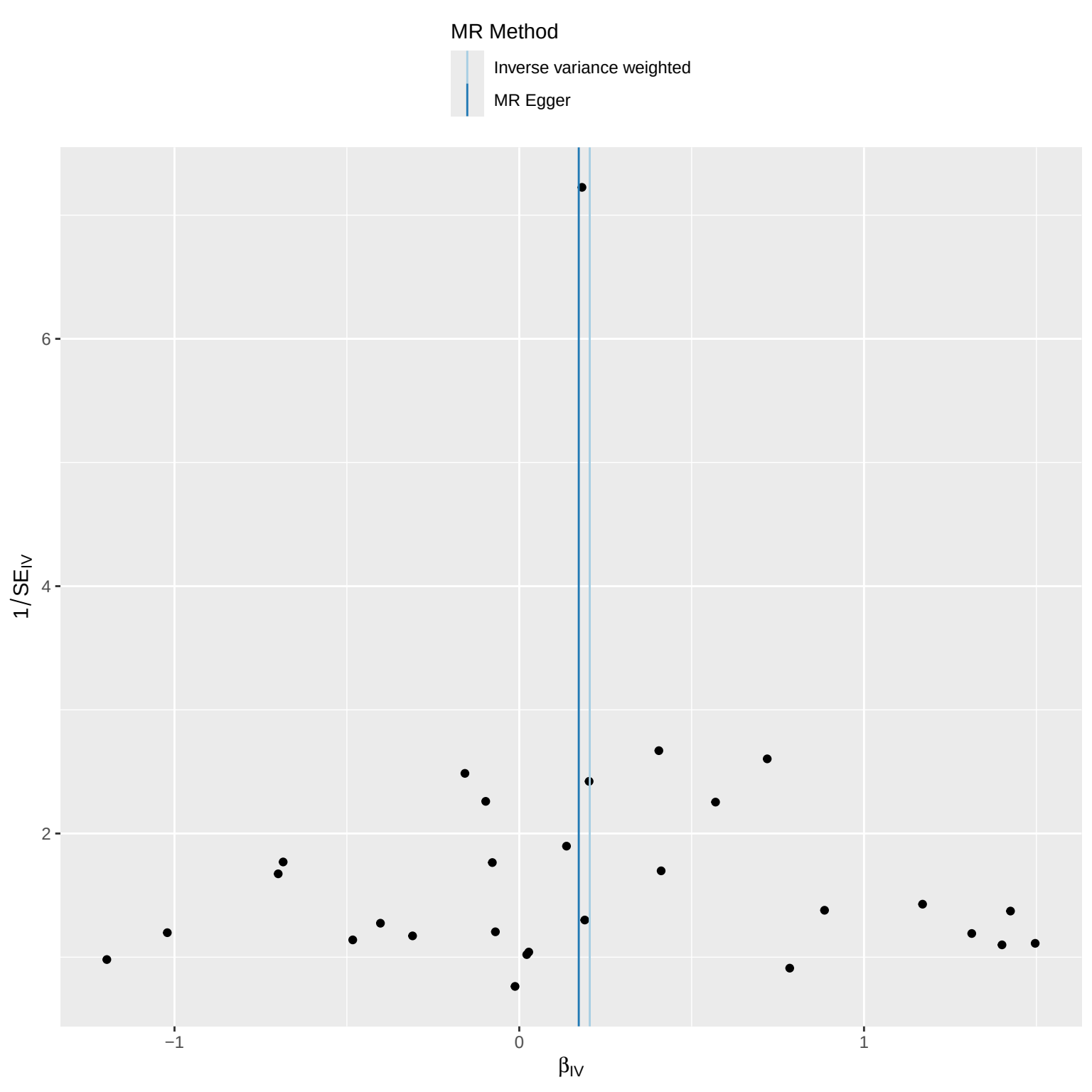

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

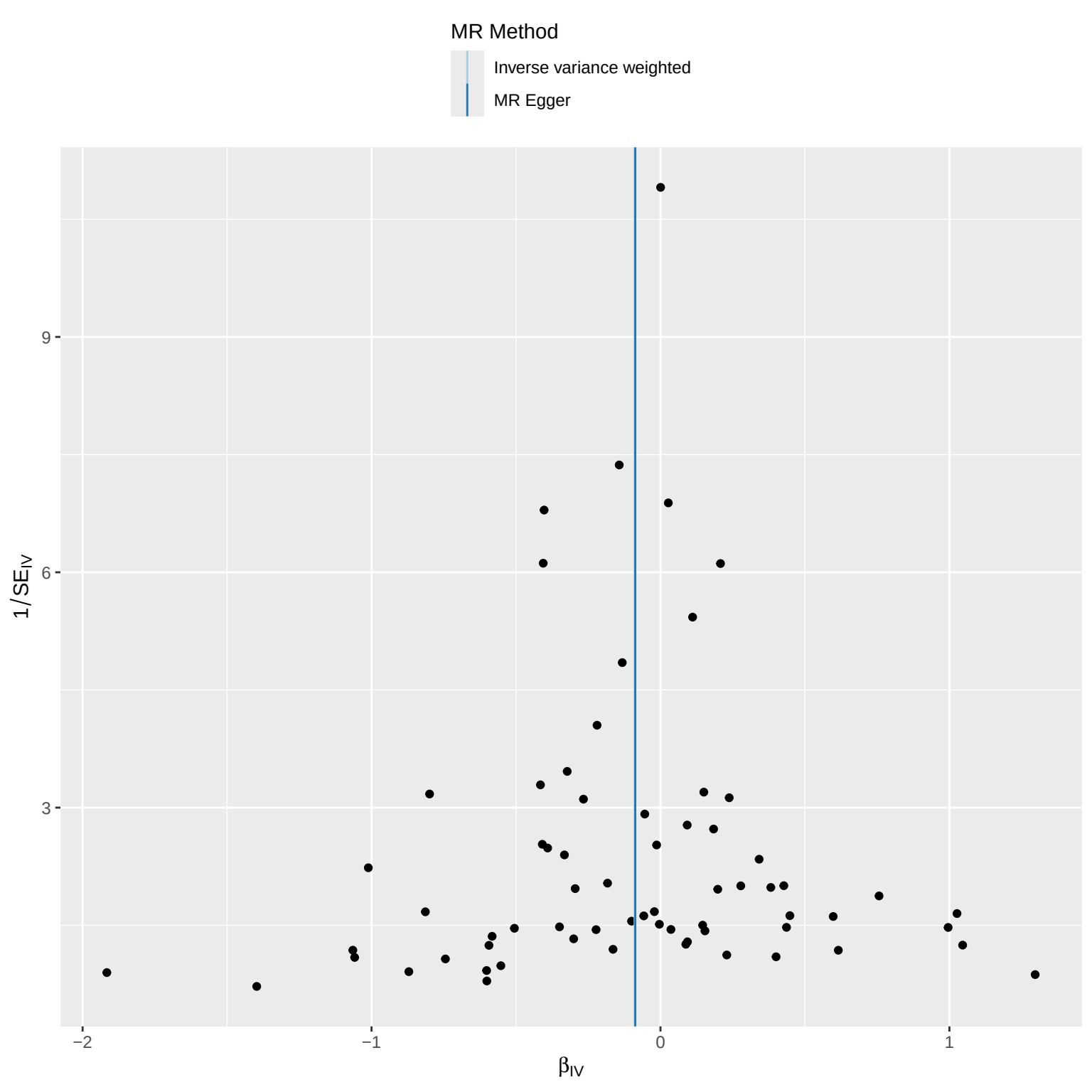

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

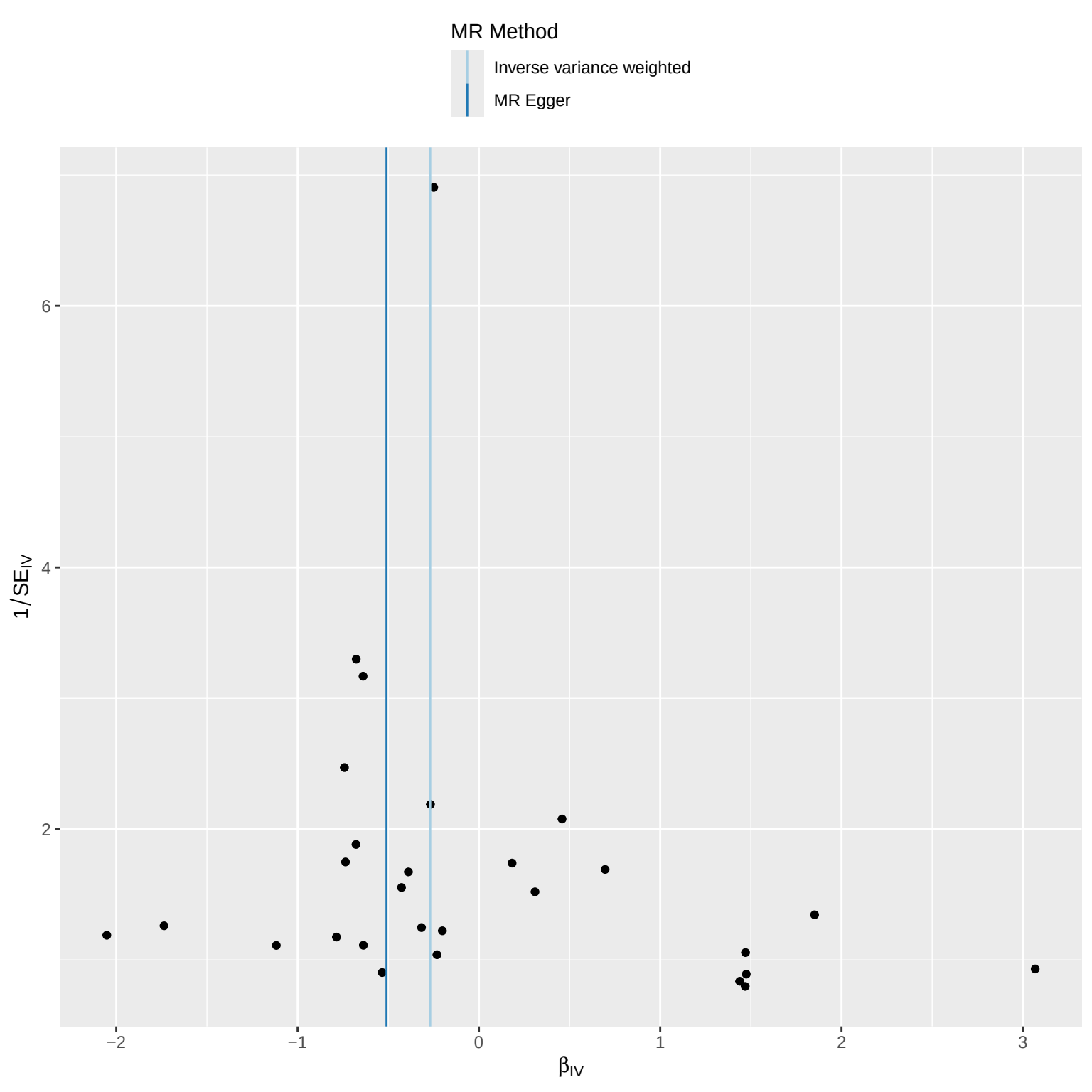

MR Method
Inverse variance weighted
MR Egger
1.3
1.2
1.1
1.0
0.9
1/SE_IV
−1.4
−1.2
−1.0
−0.8
β_IV

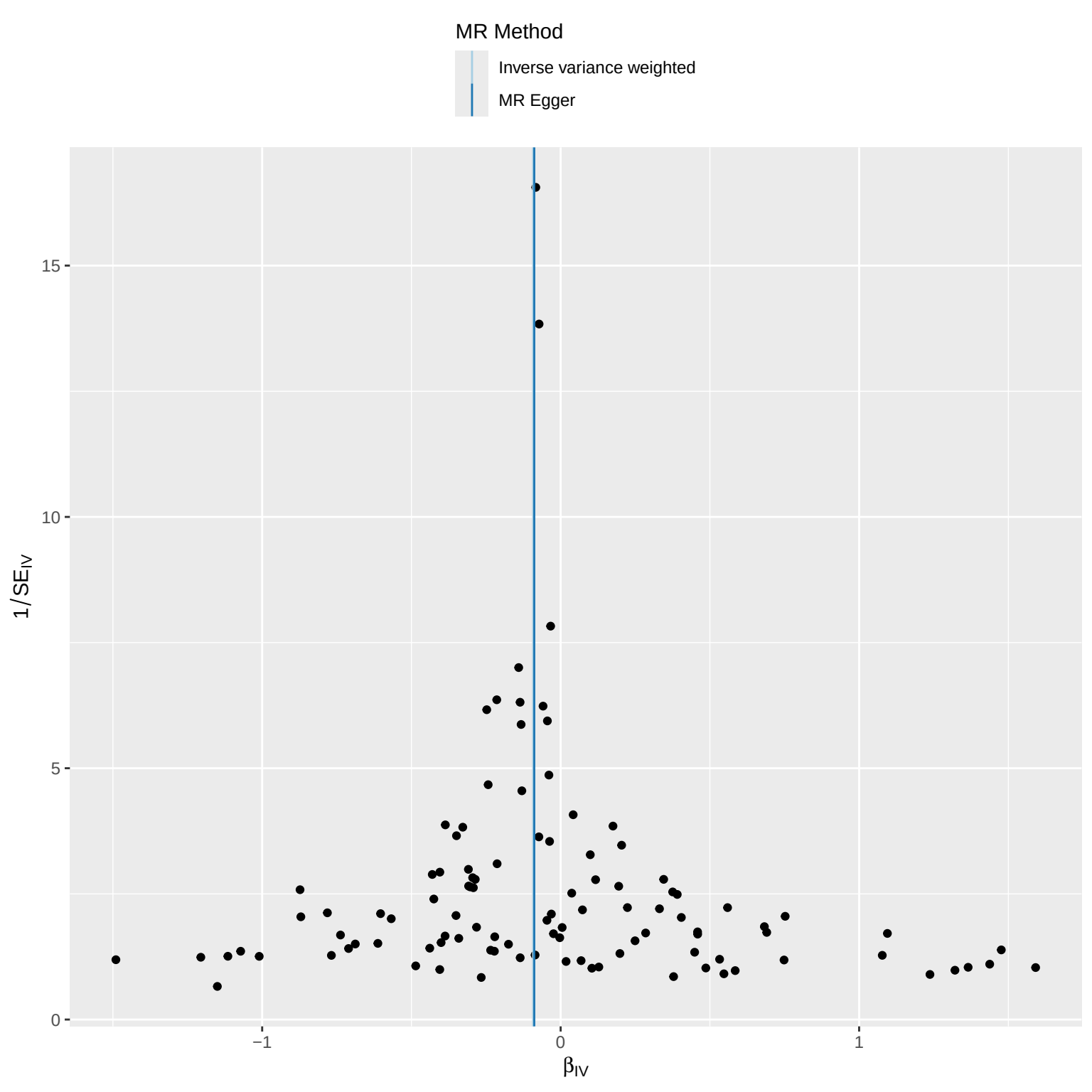

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

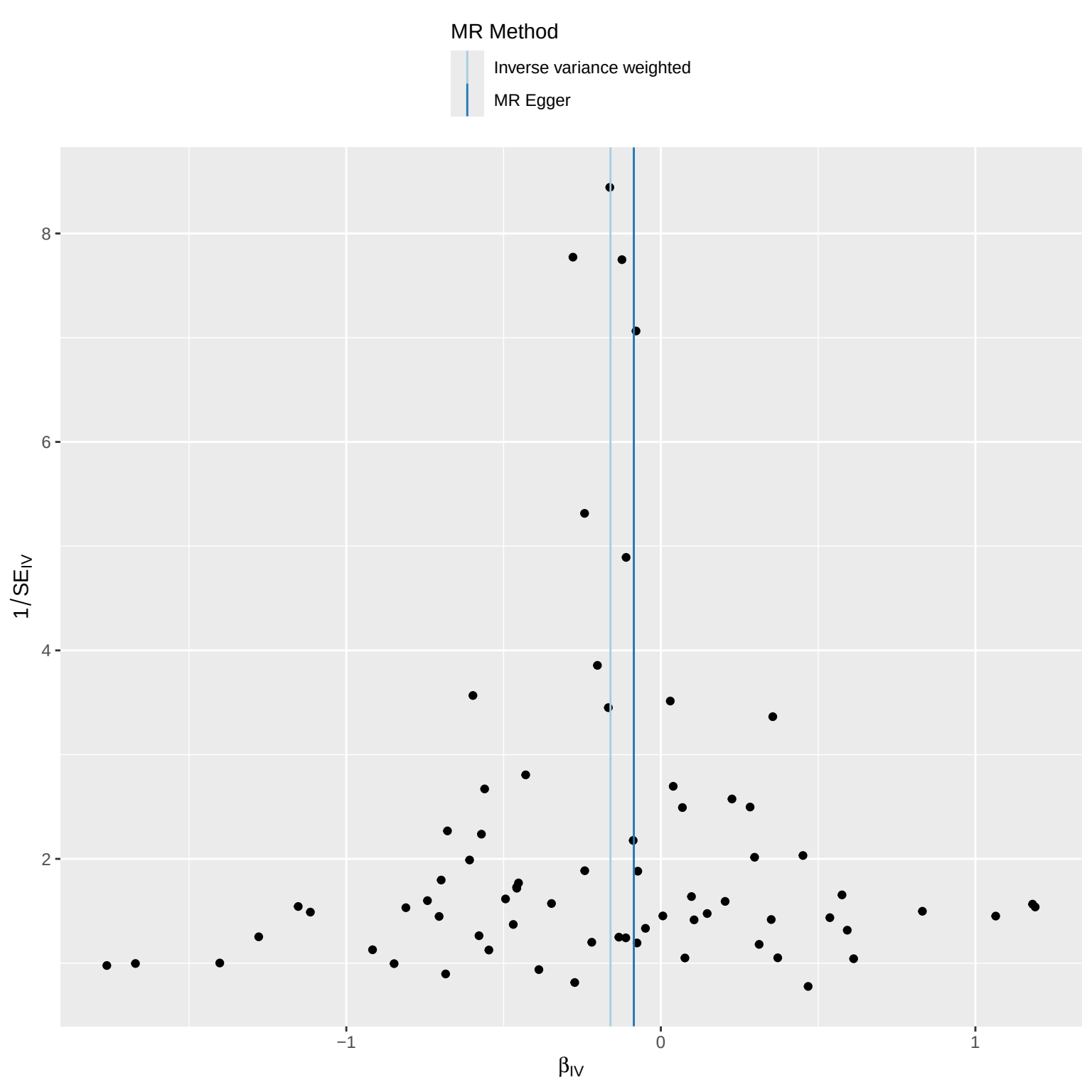

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

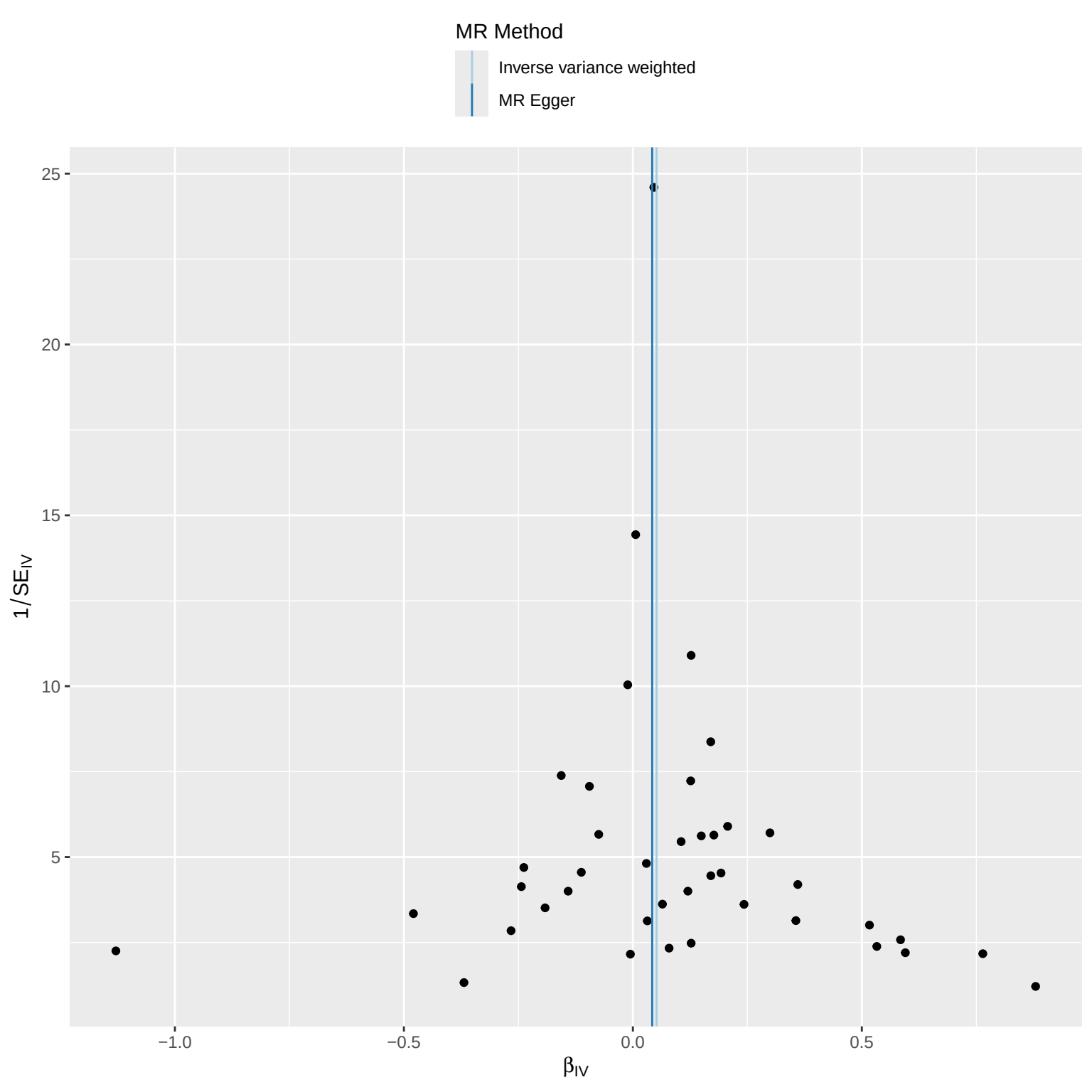

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

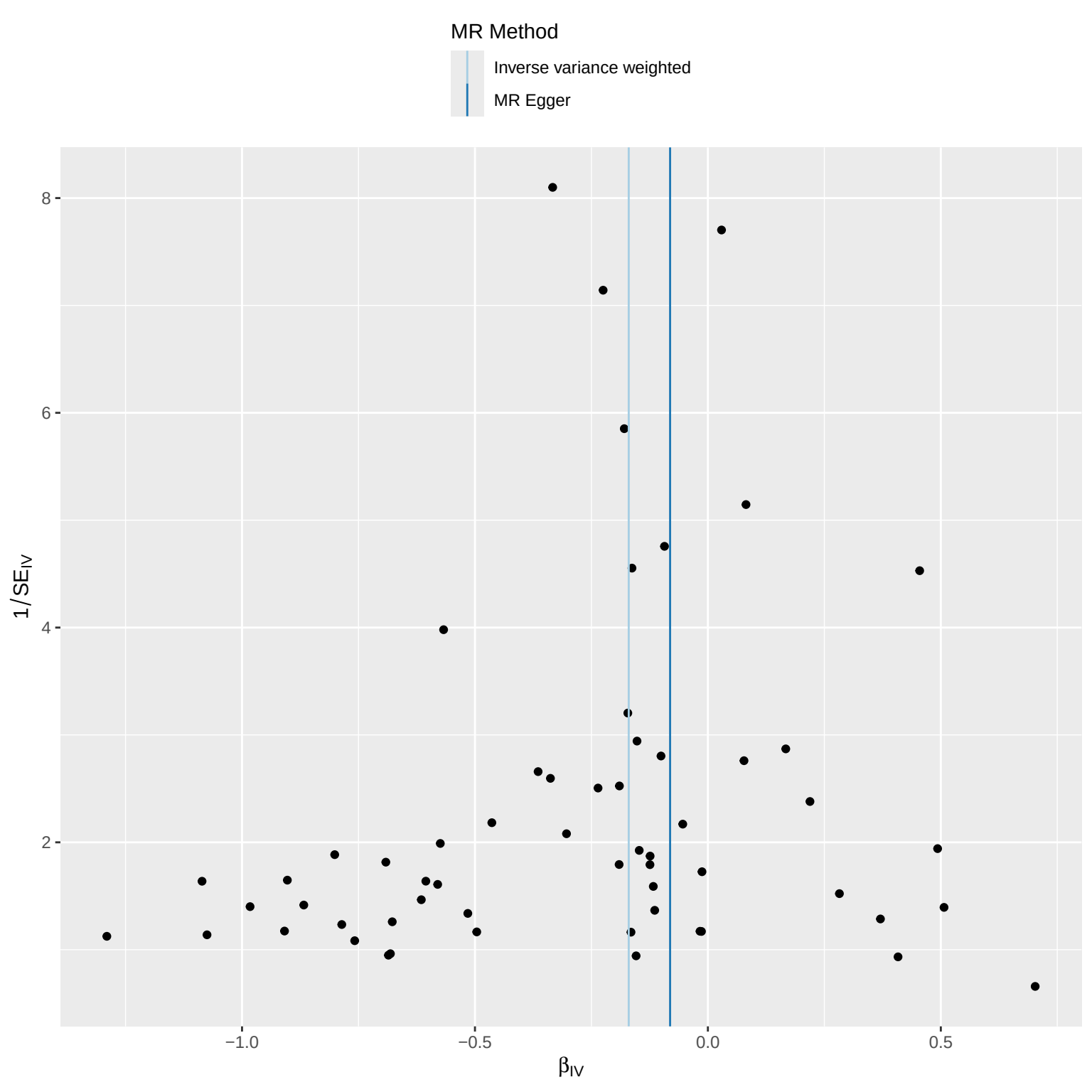

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−2
−1
0
1
β_IV

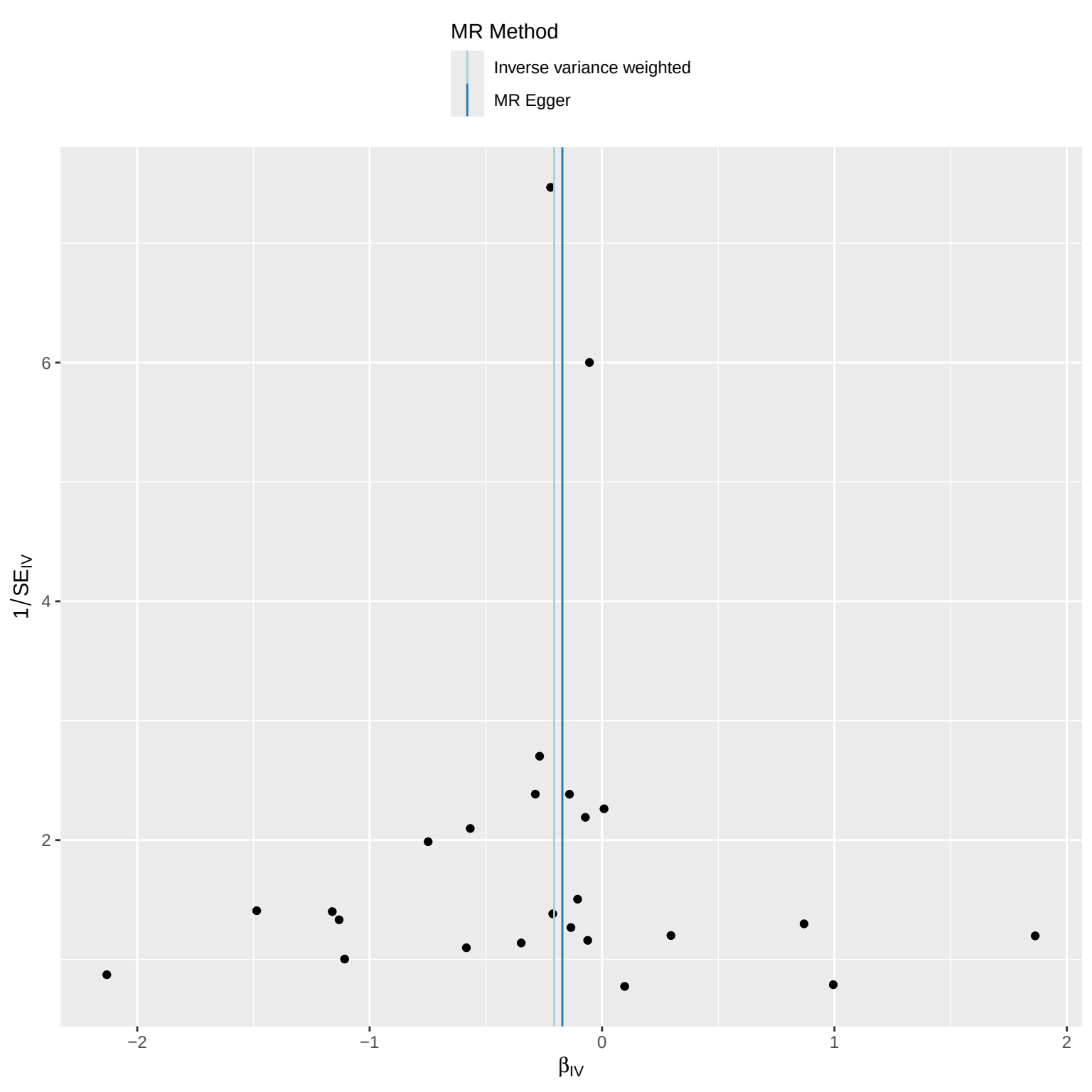

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

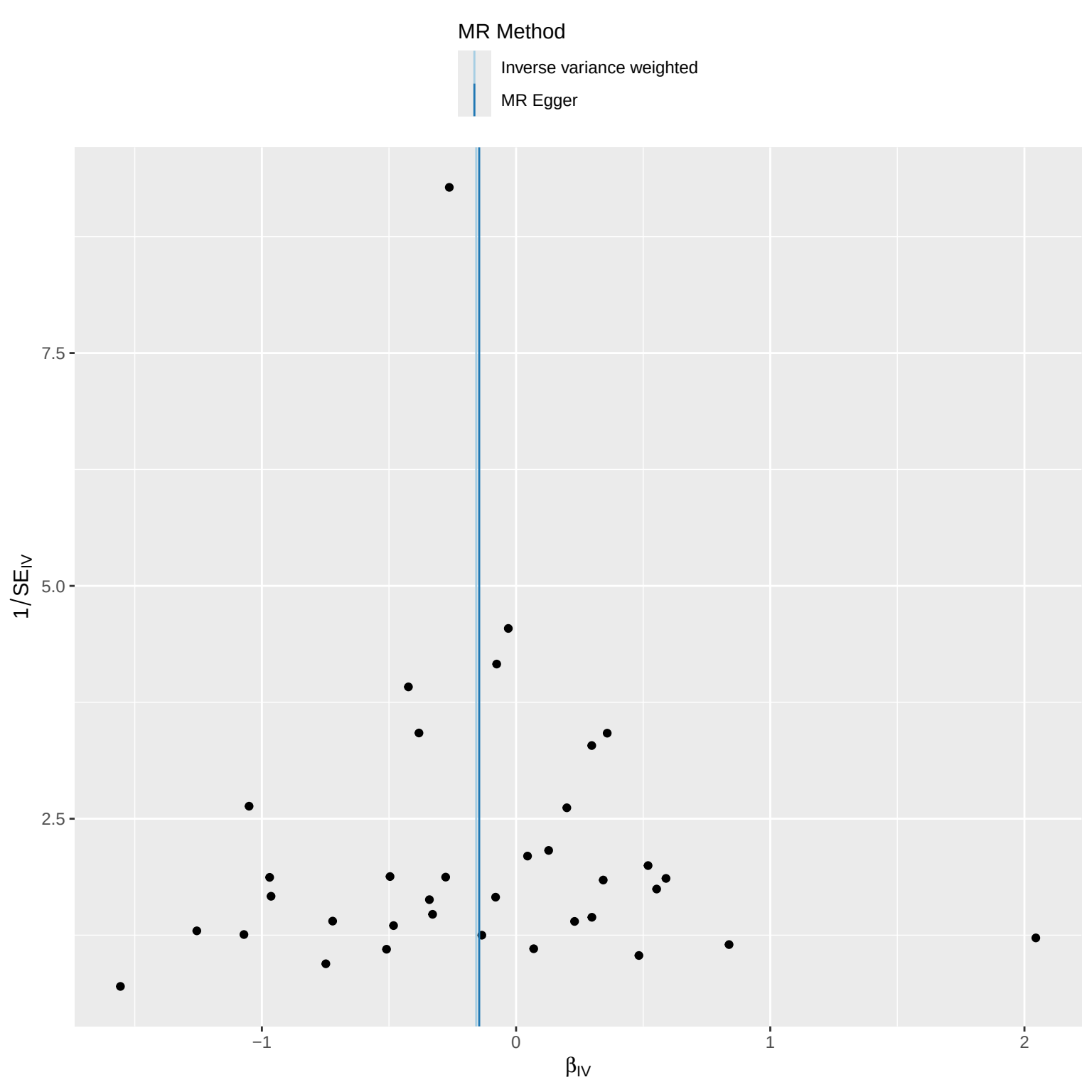

MR Method
Inverse variance weighted
MR Egger
15
10
5
0
1/SE_IV
−1
0
1
β_IV

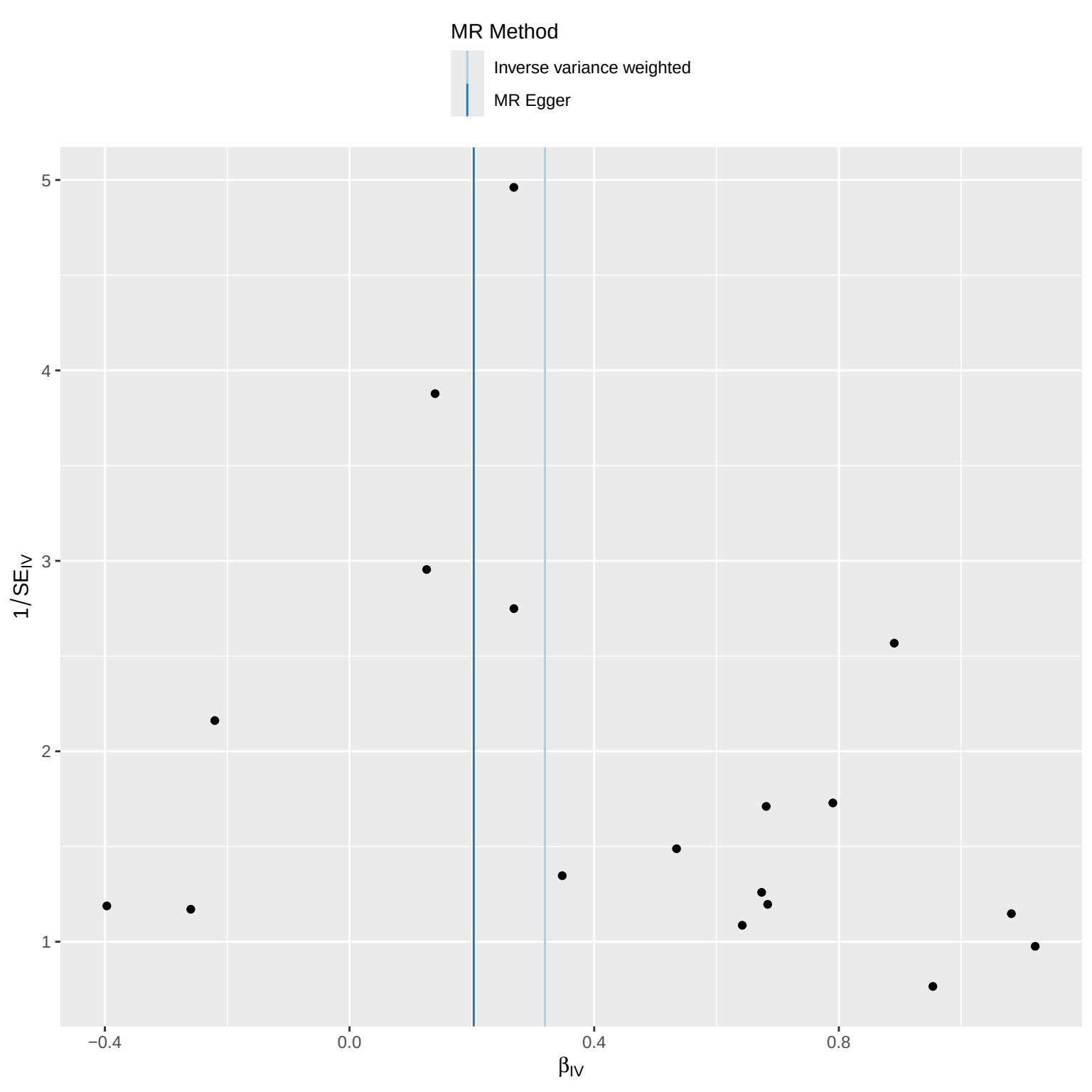

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

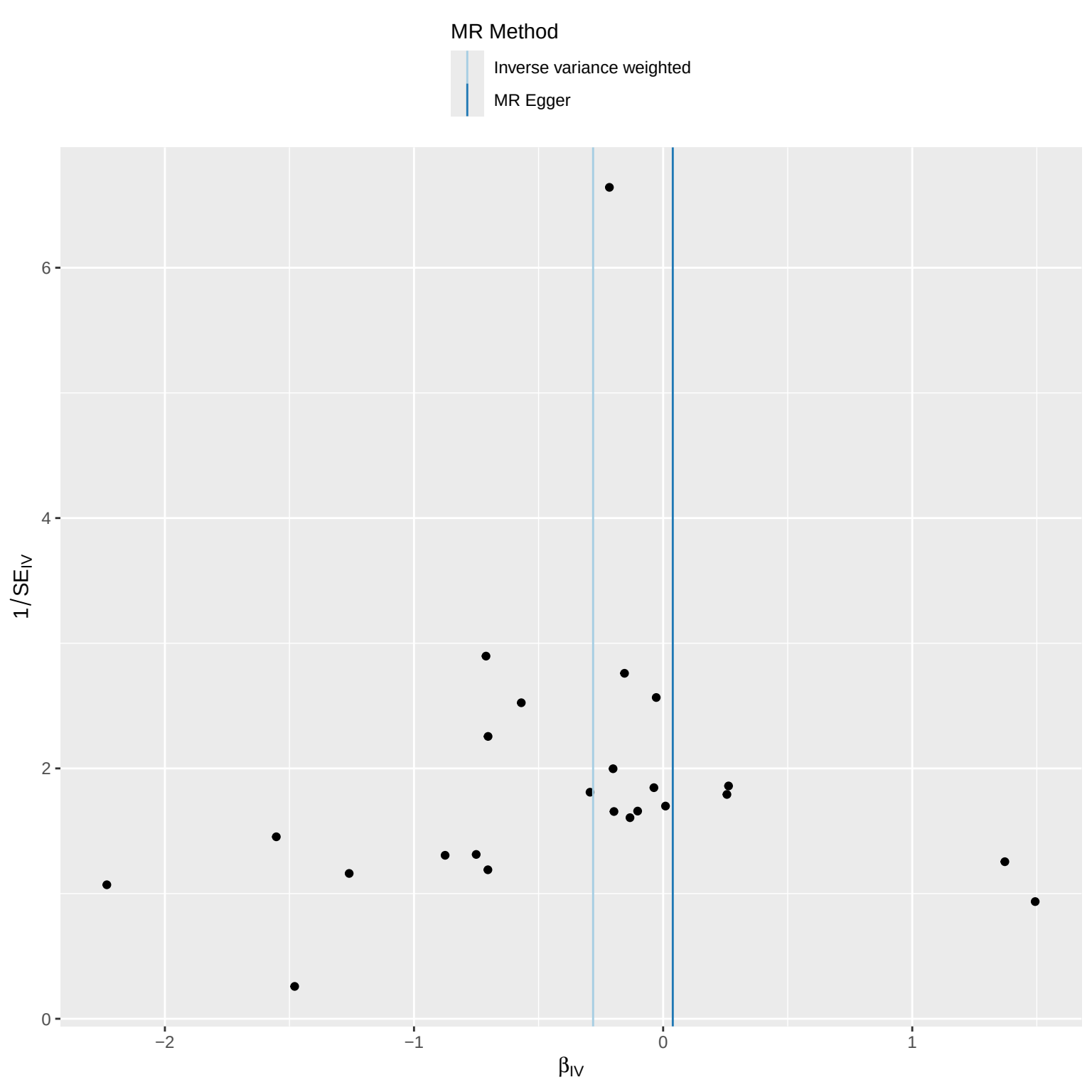

MR Method
Inverse variance weighted
MR Egger
25
20
15
10
5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

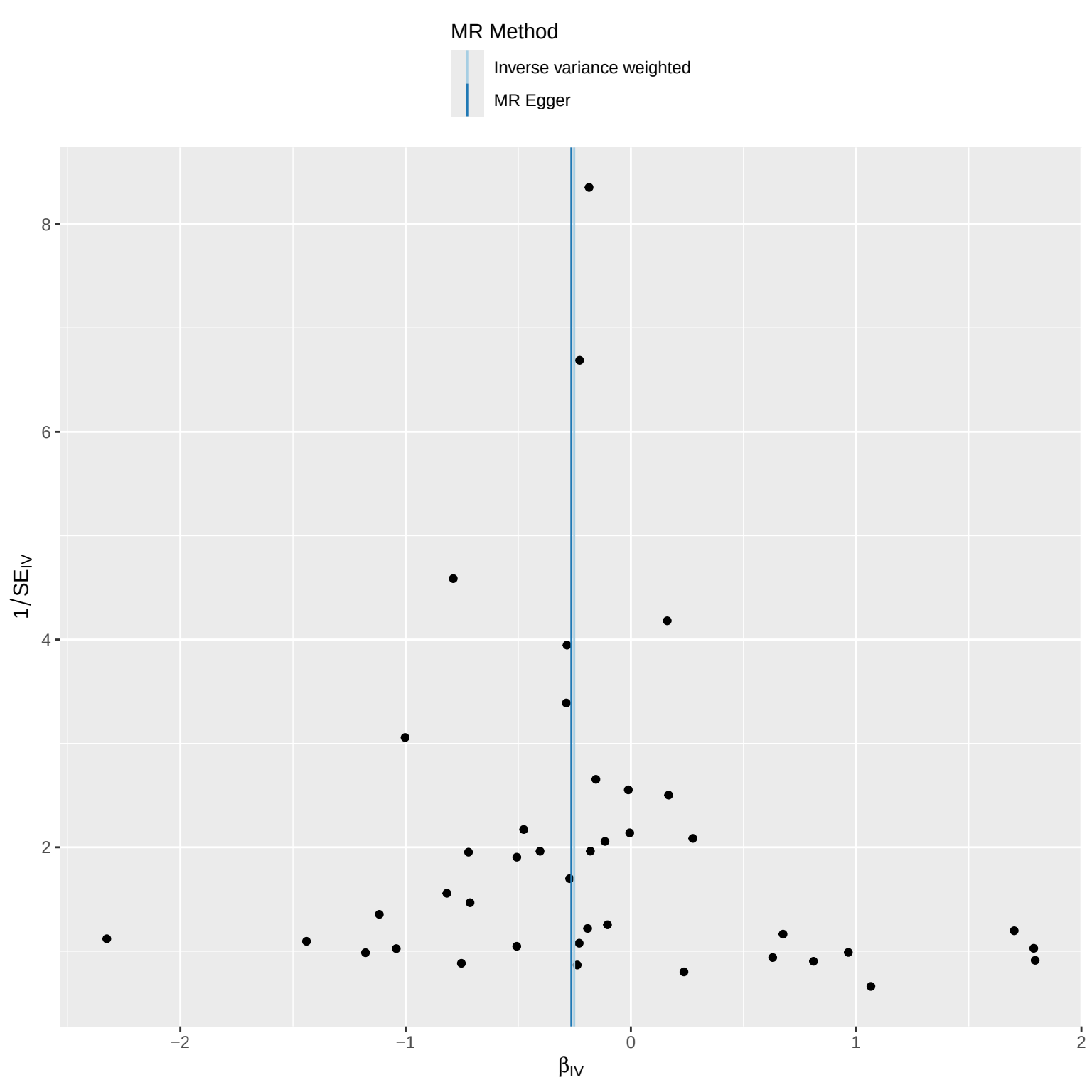

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

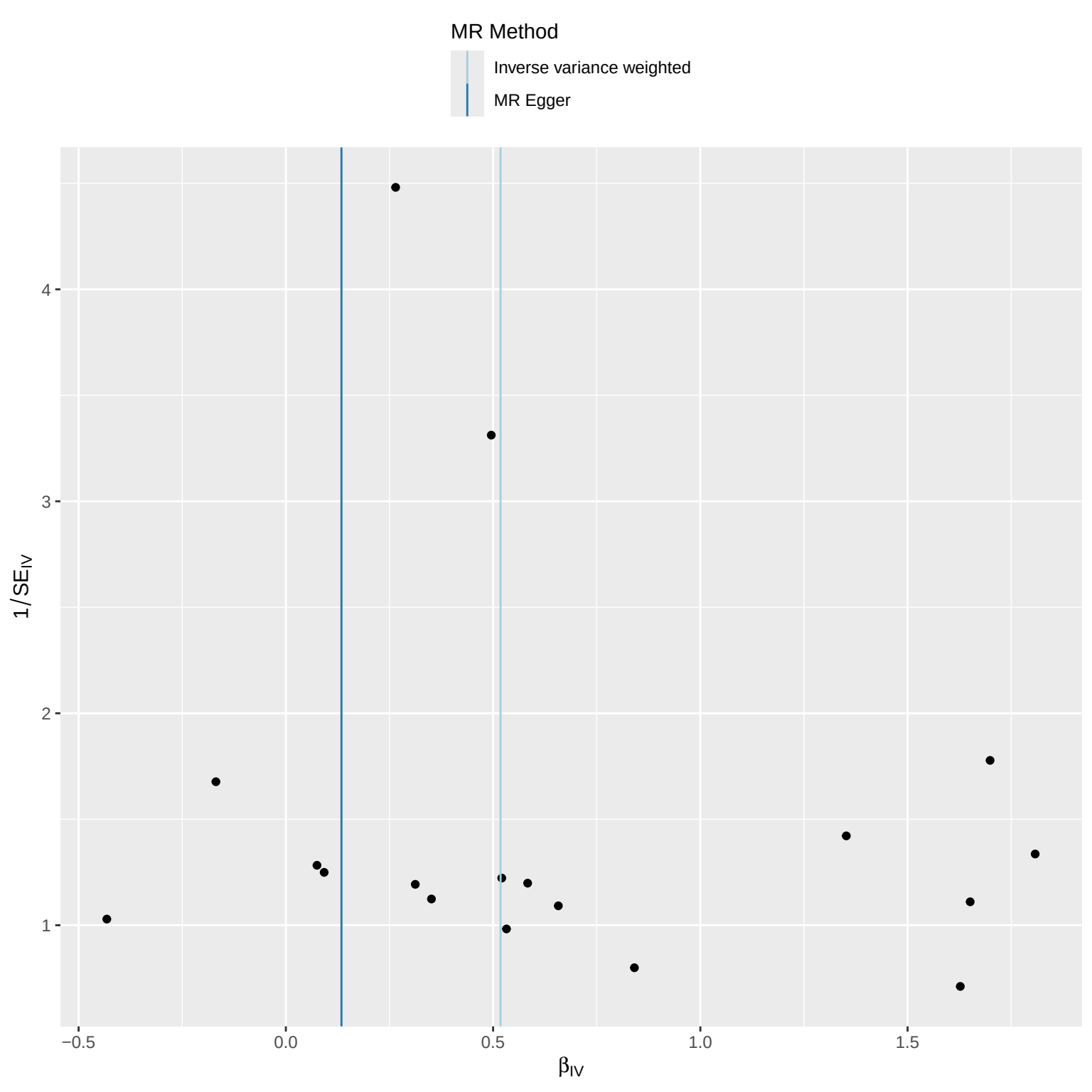

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

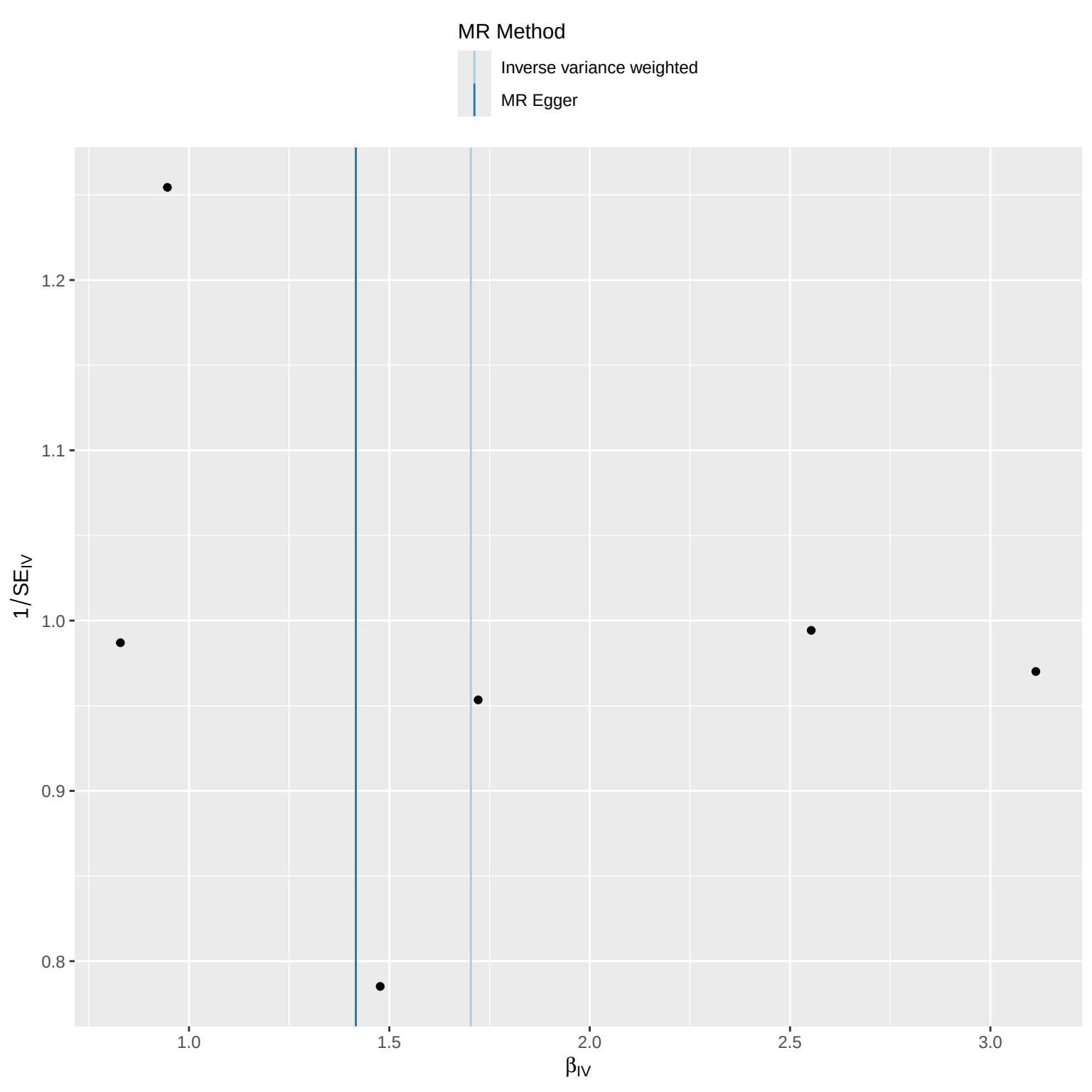

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

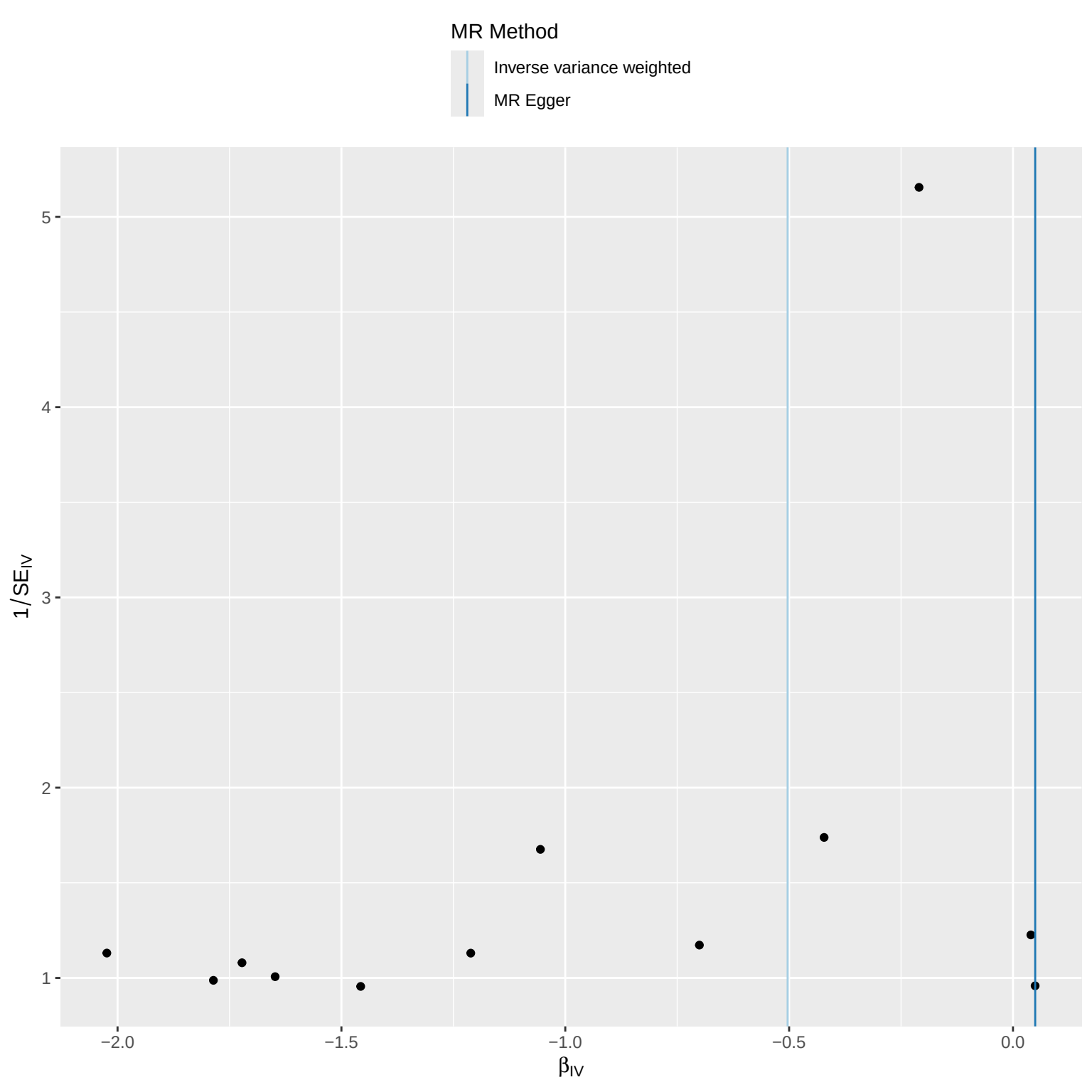

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

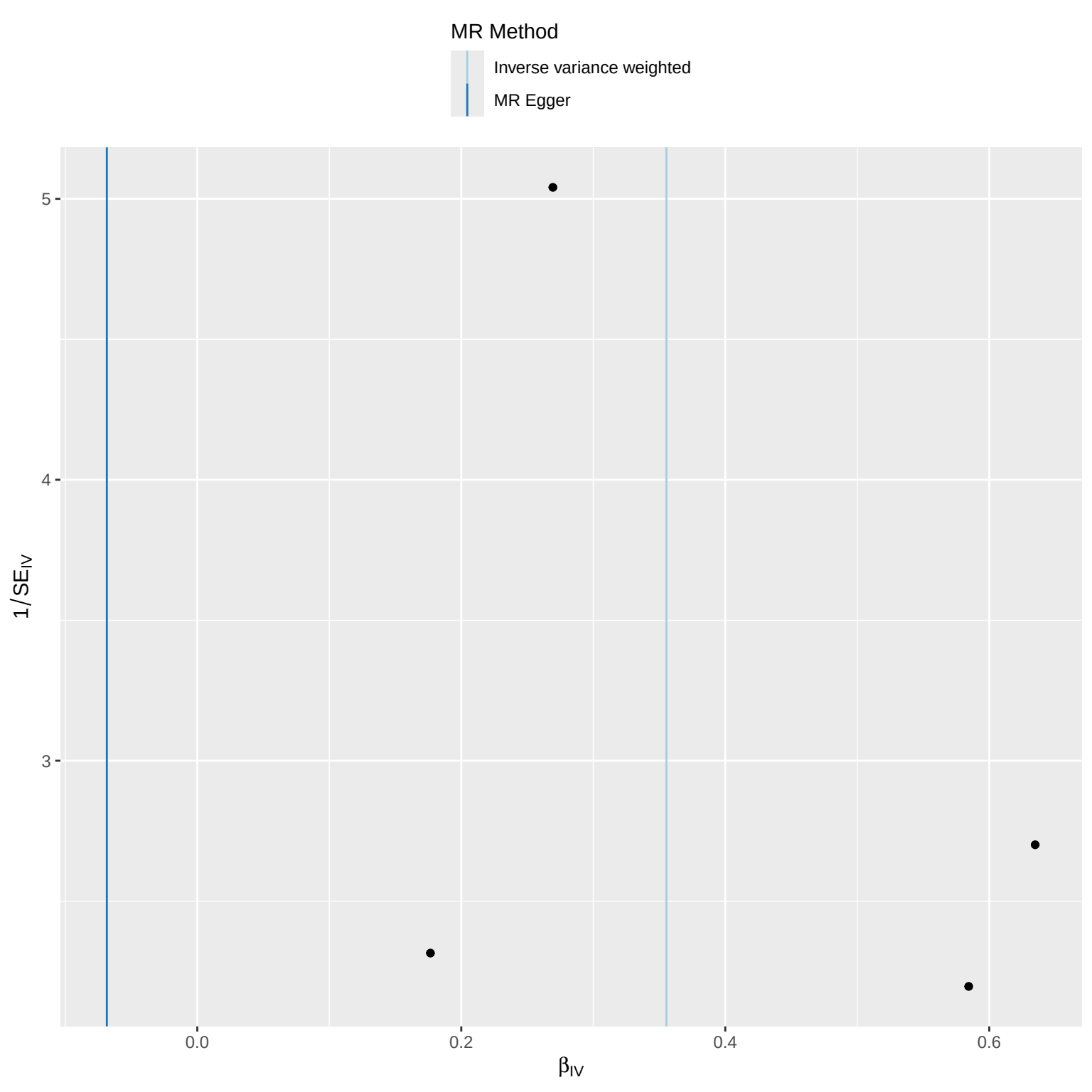

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2
−1
0
1
β_IV

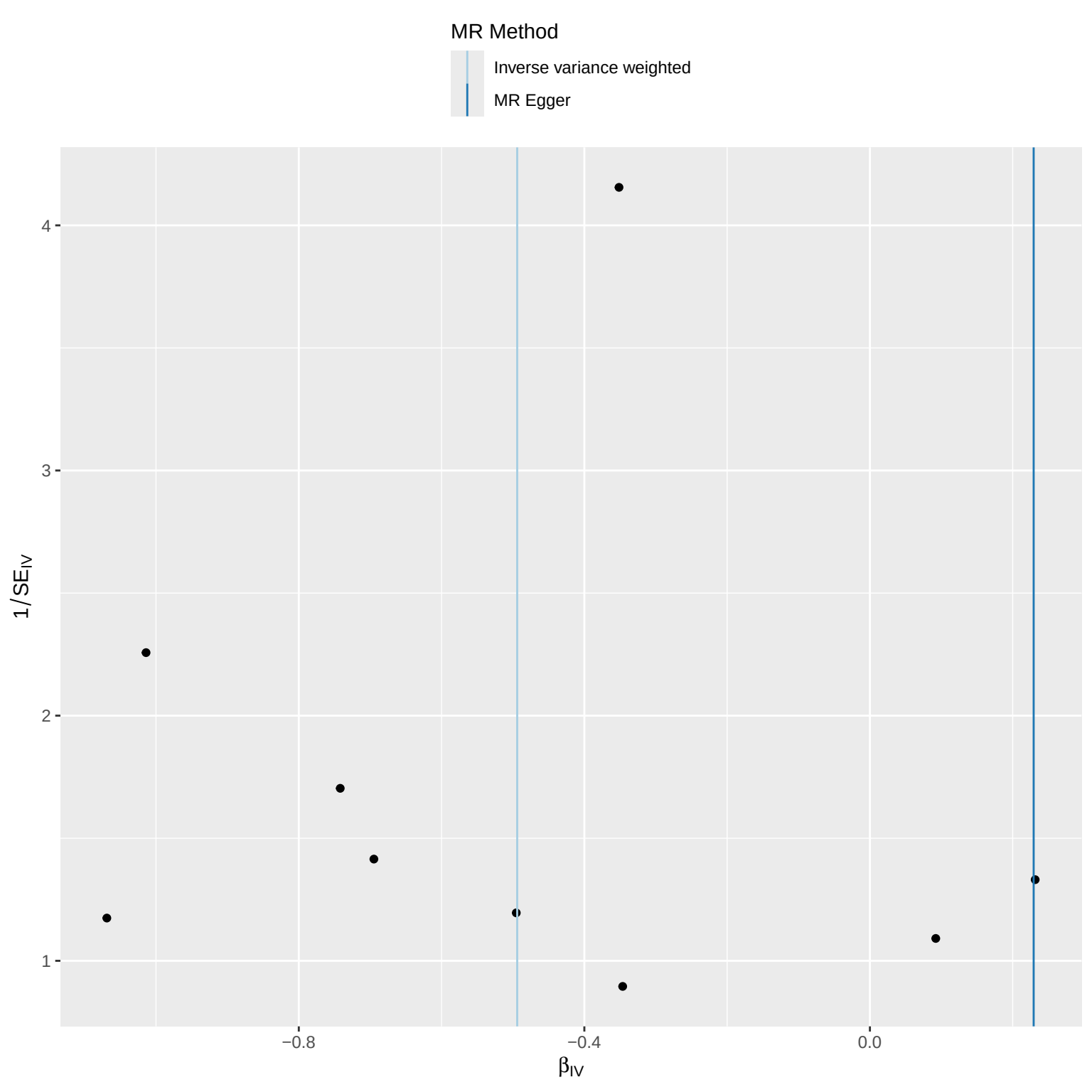

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

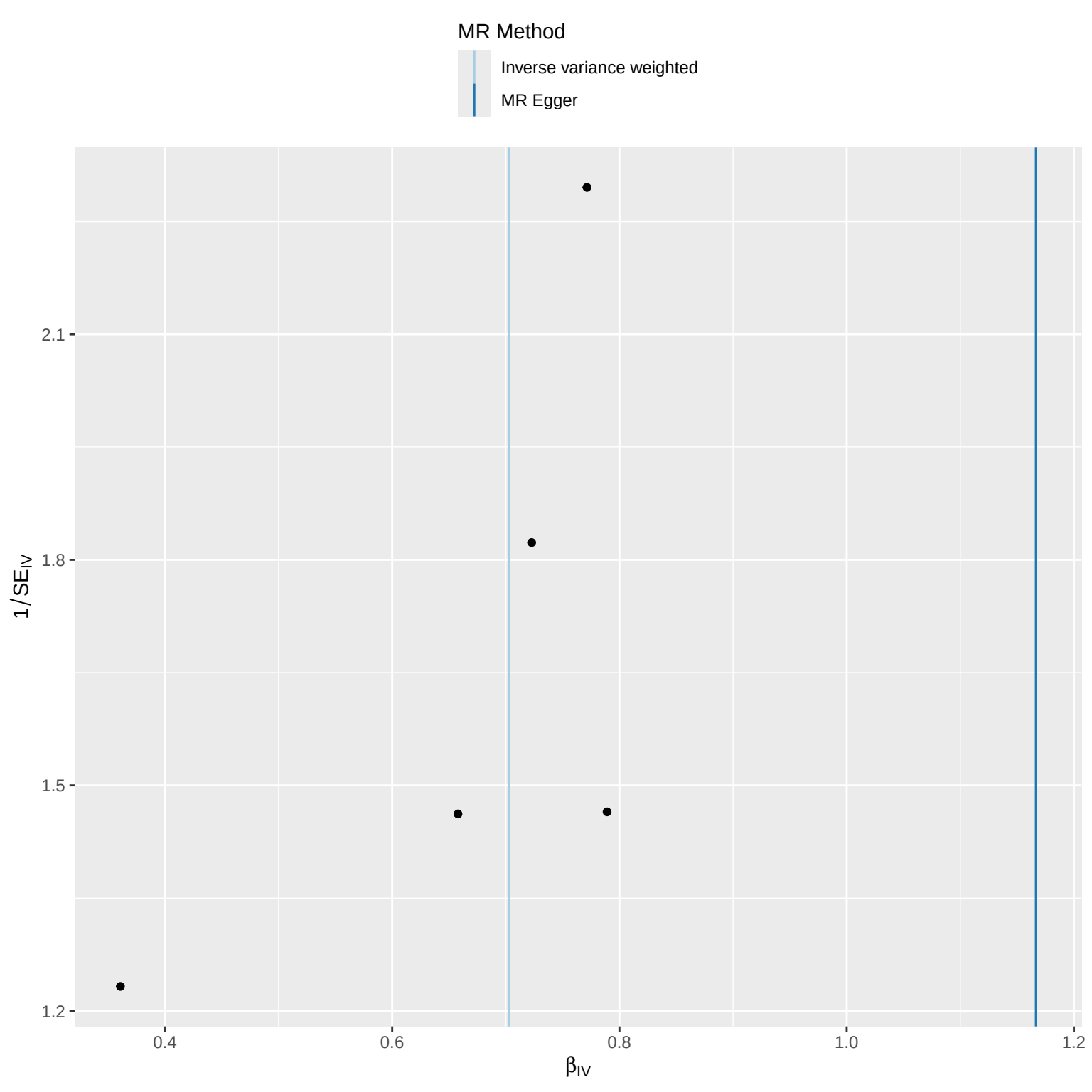

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

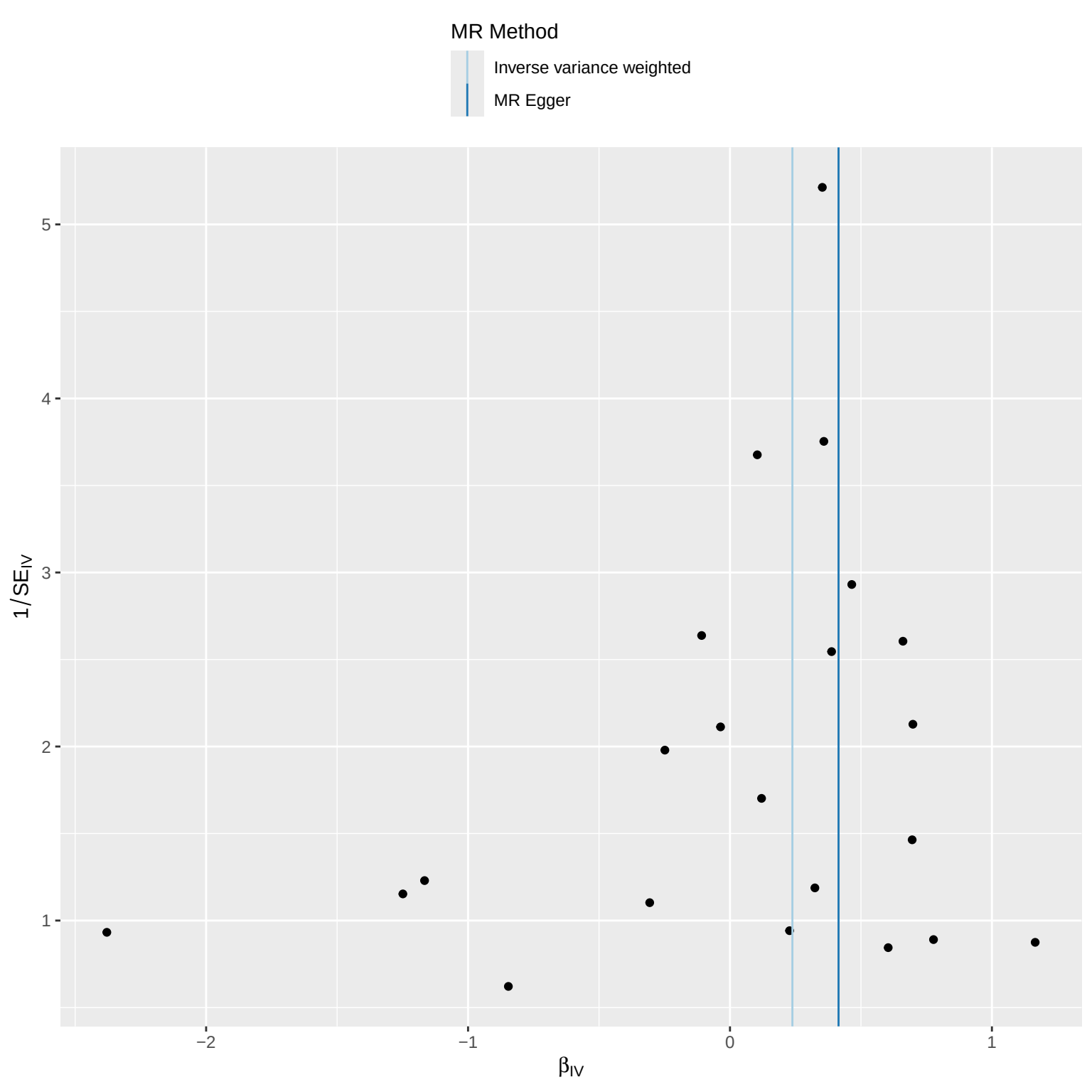

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
0.9
0.8
1/SE_IV
1.0
1.5
2.0
2.5
3.0
β_IV

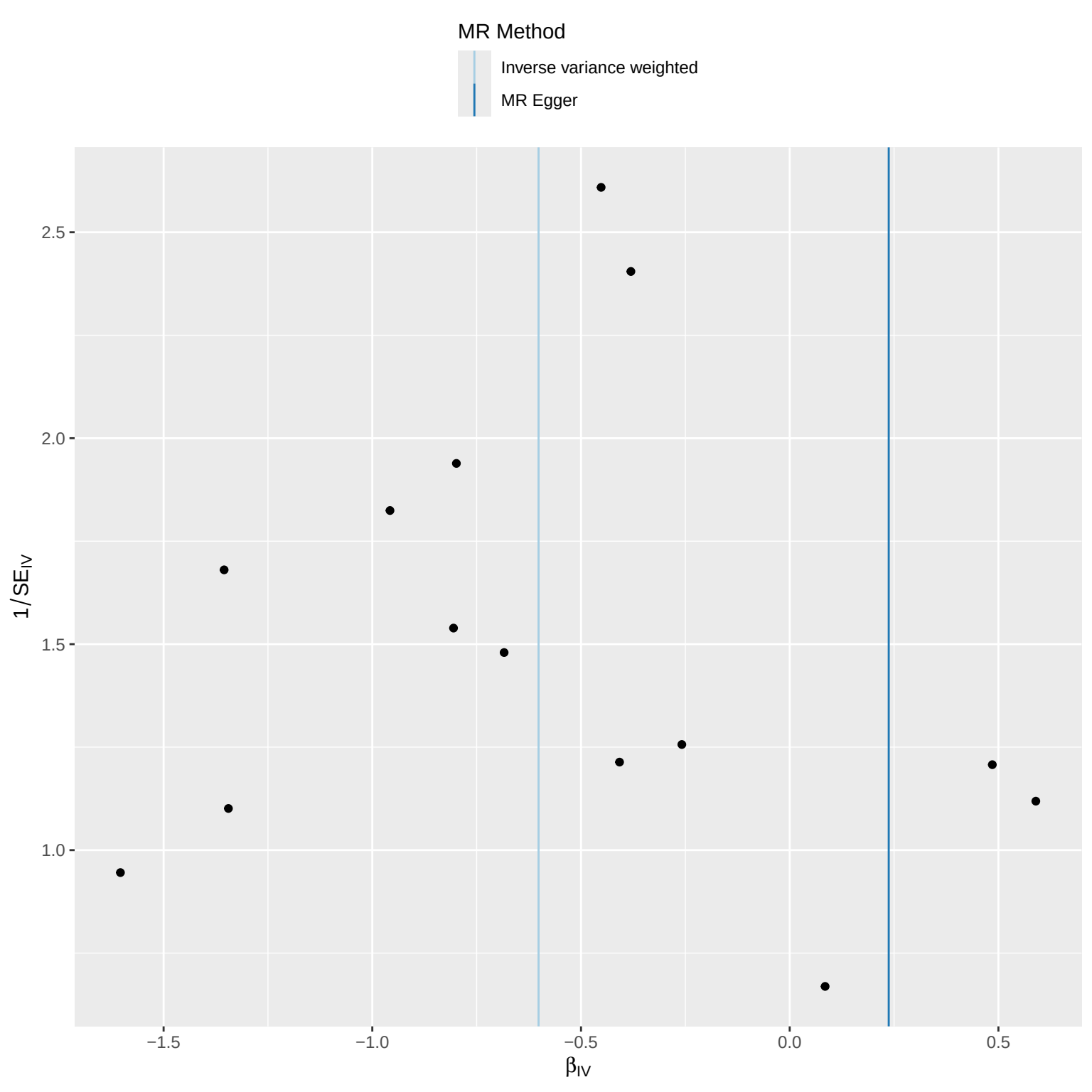

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

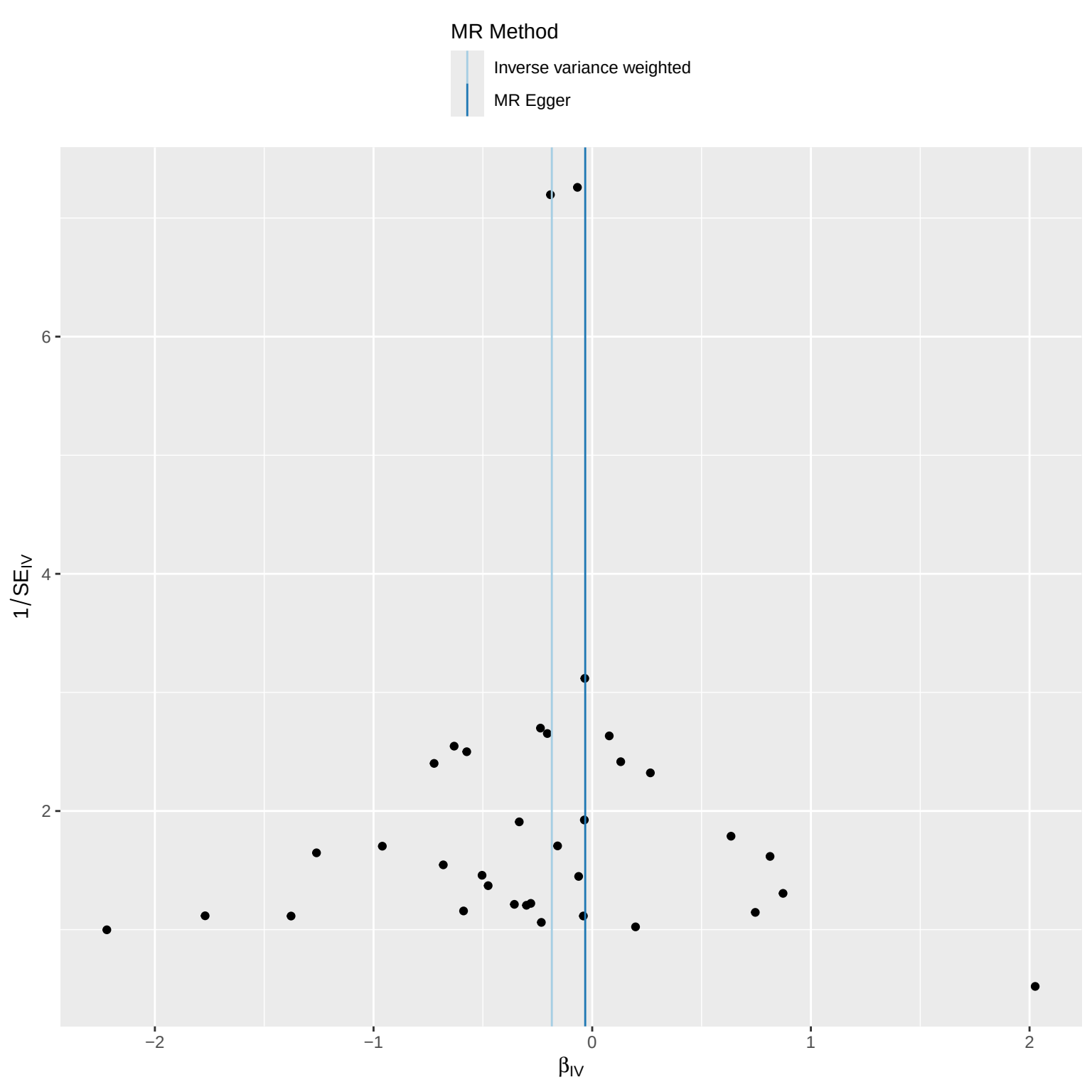

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

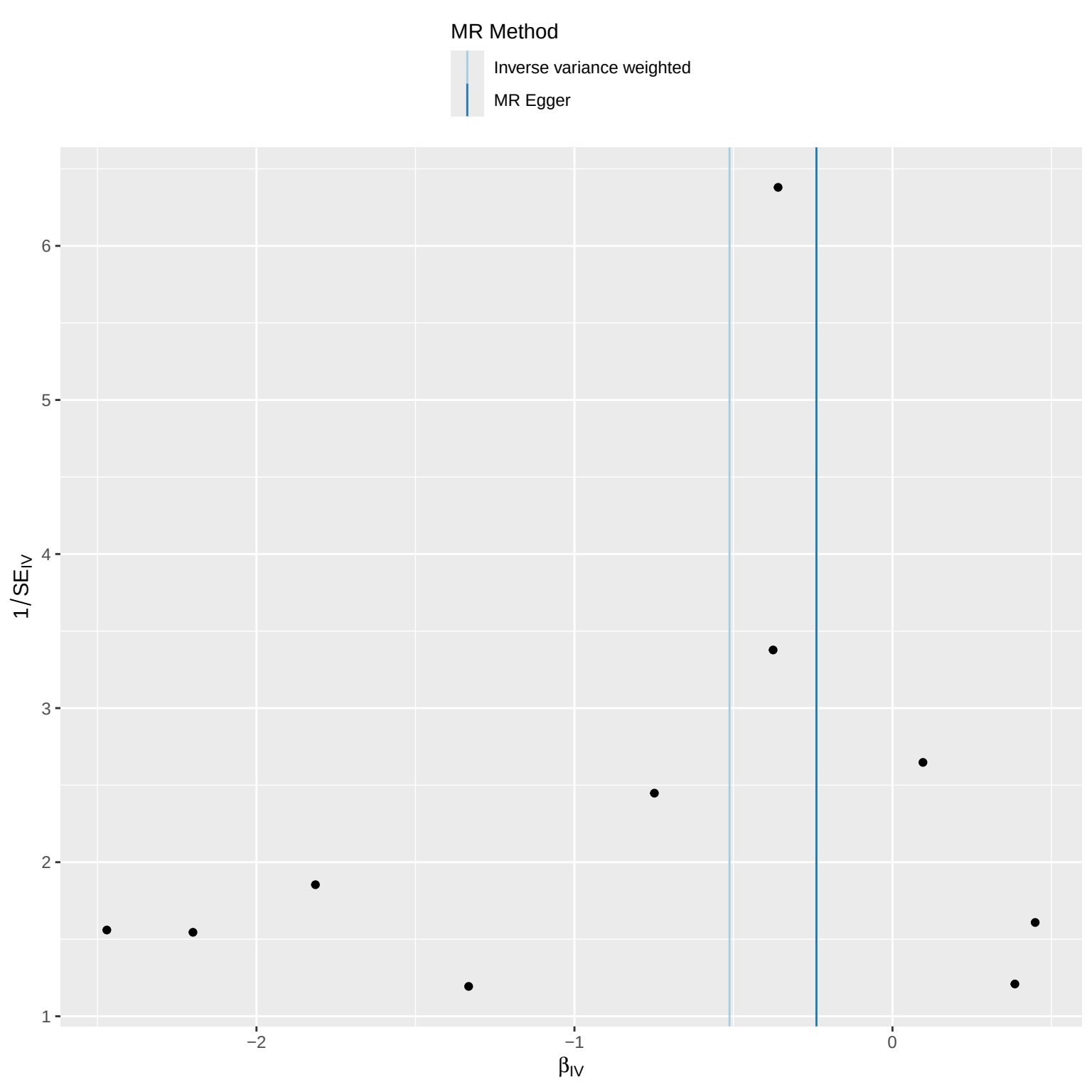

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.8
−0.4
0.0
β_IV

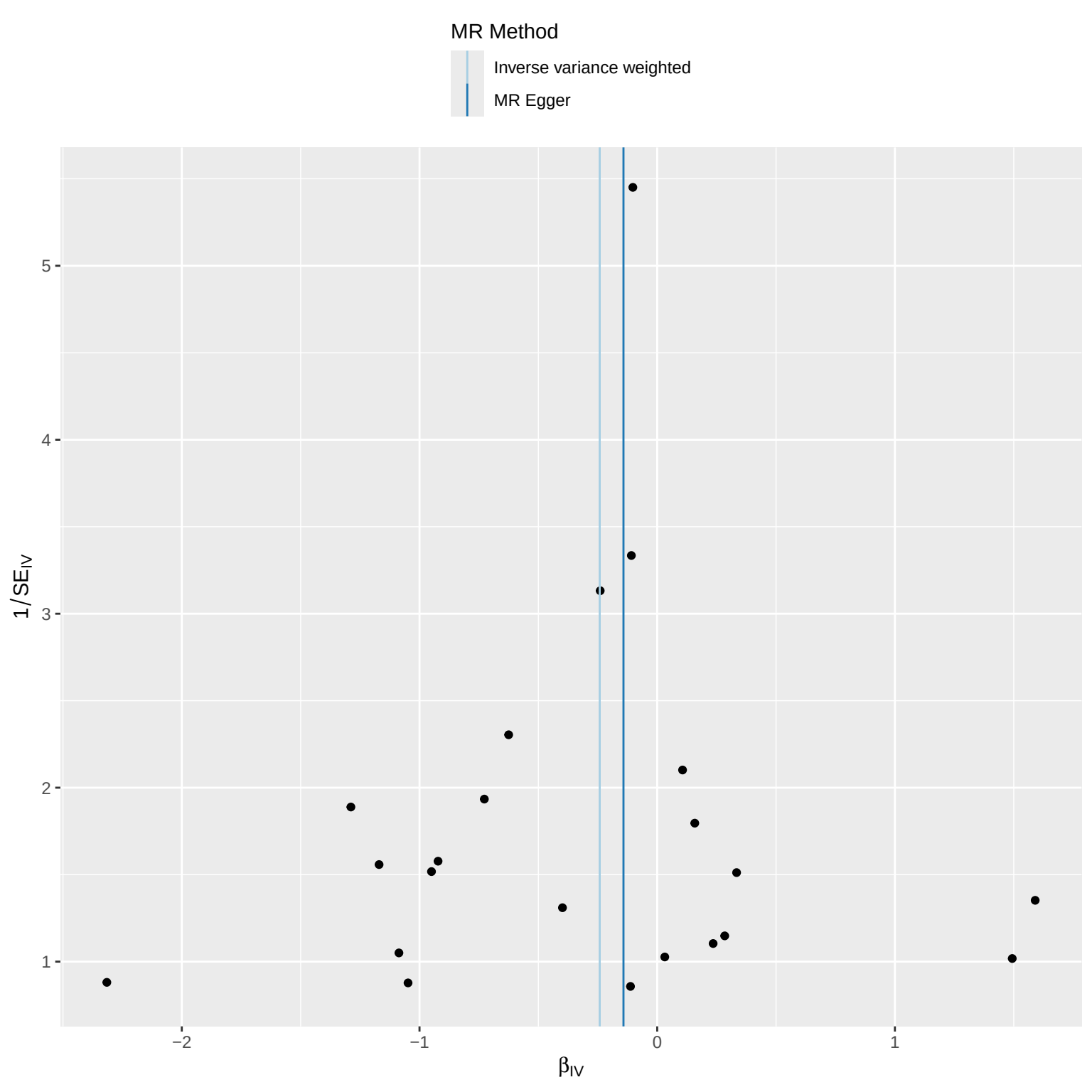

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
0.4
0.6
0.8
1.0
1.2
β_IV

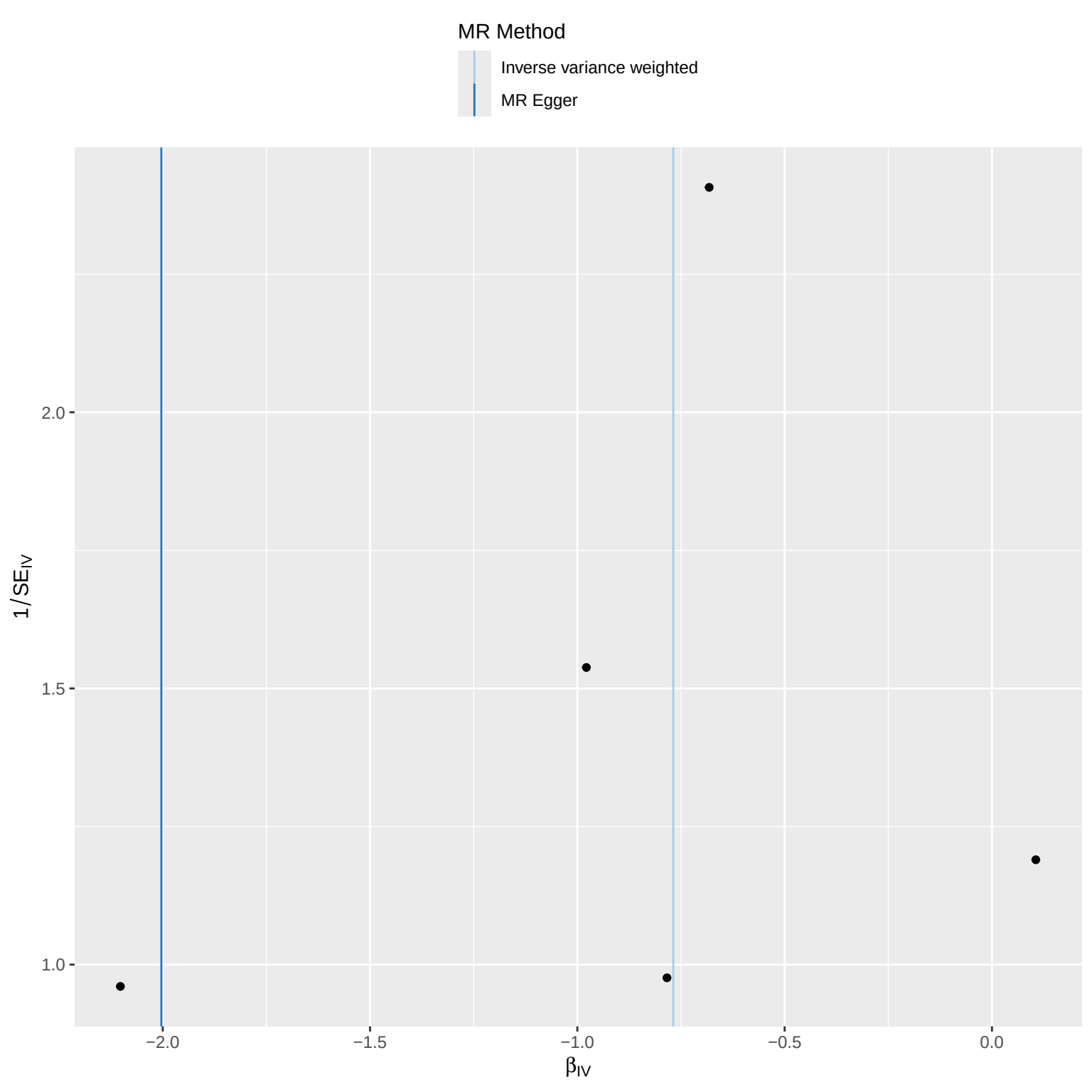

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

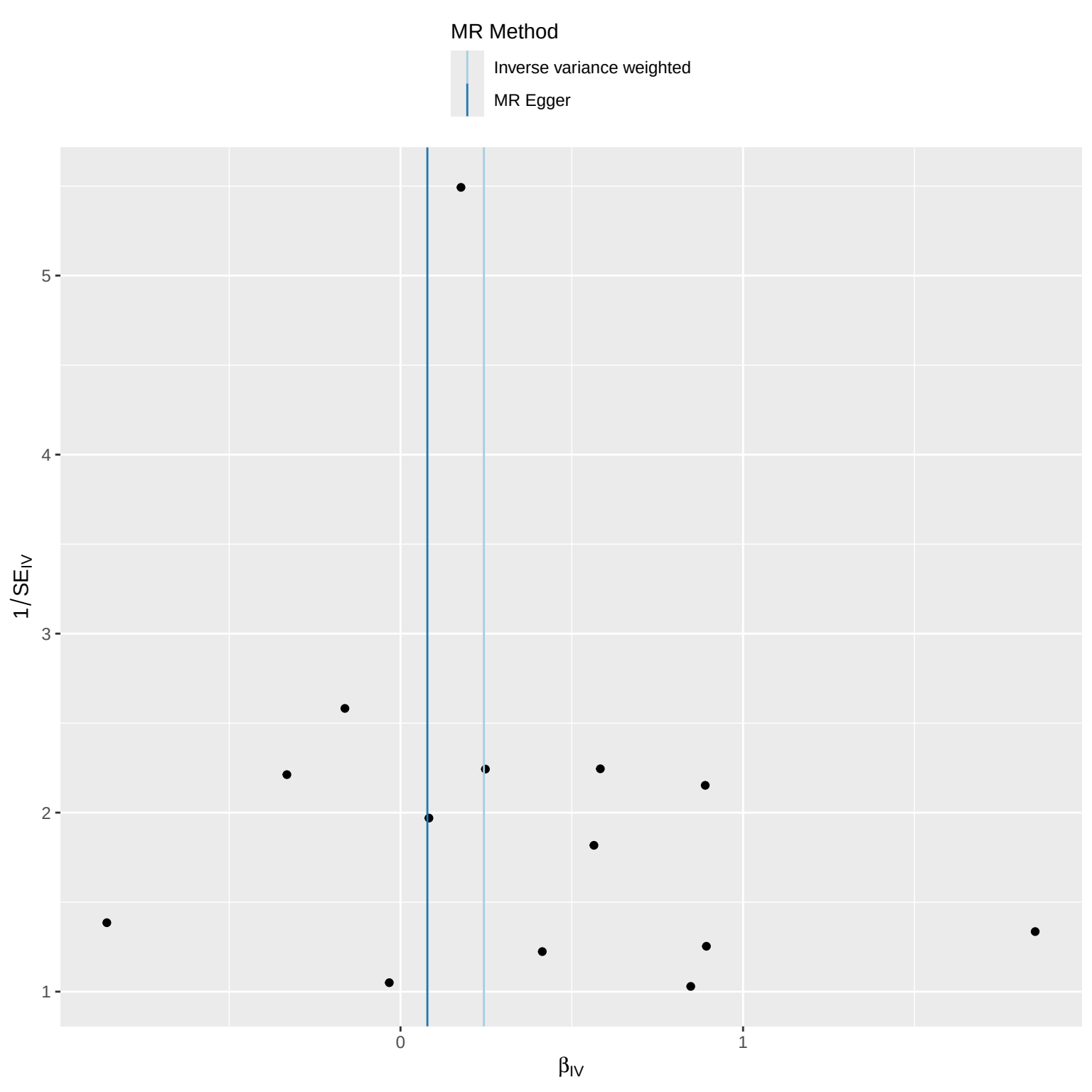

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

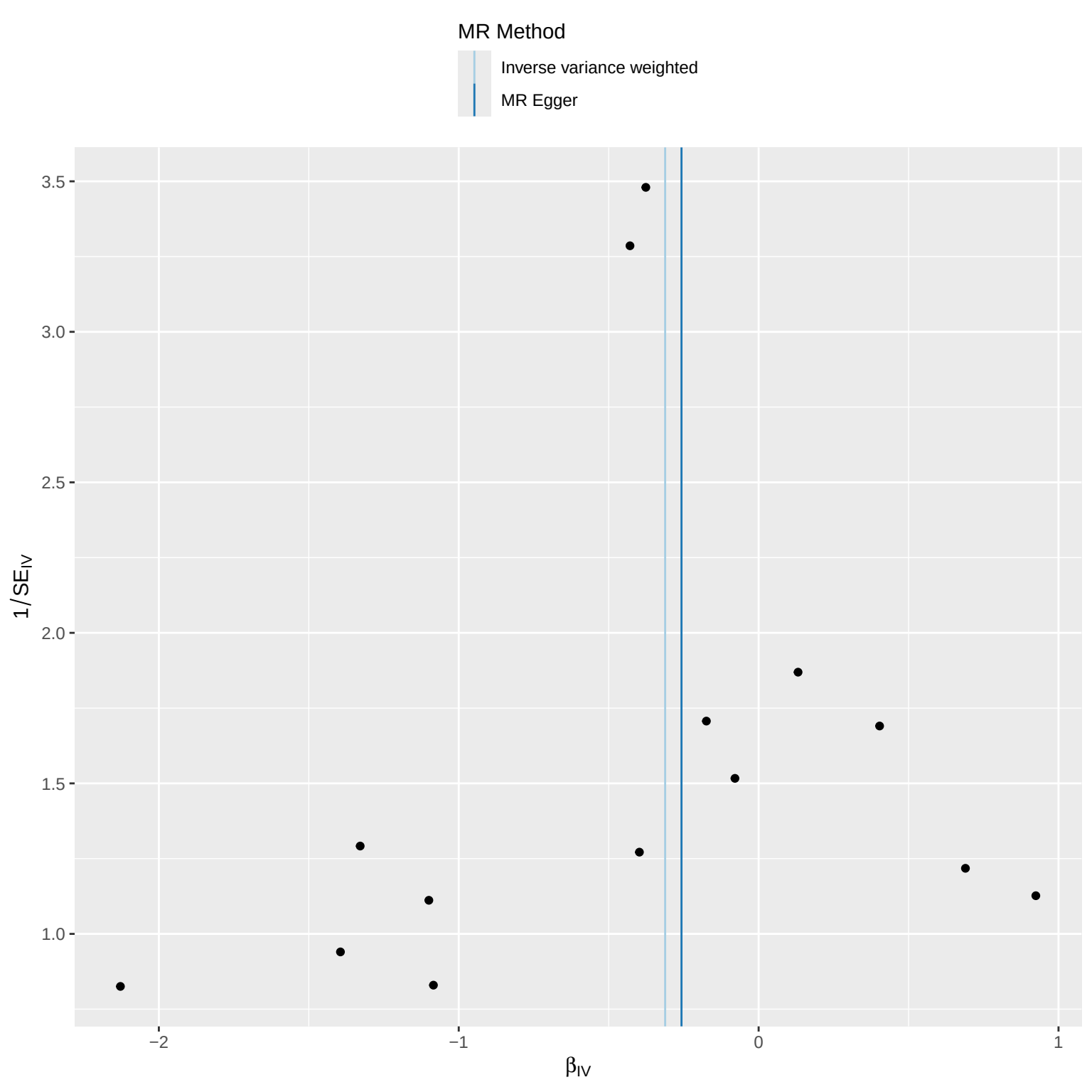

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

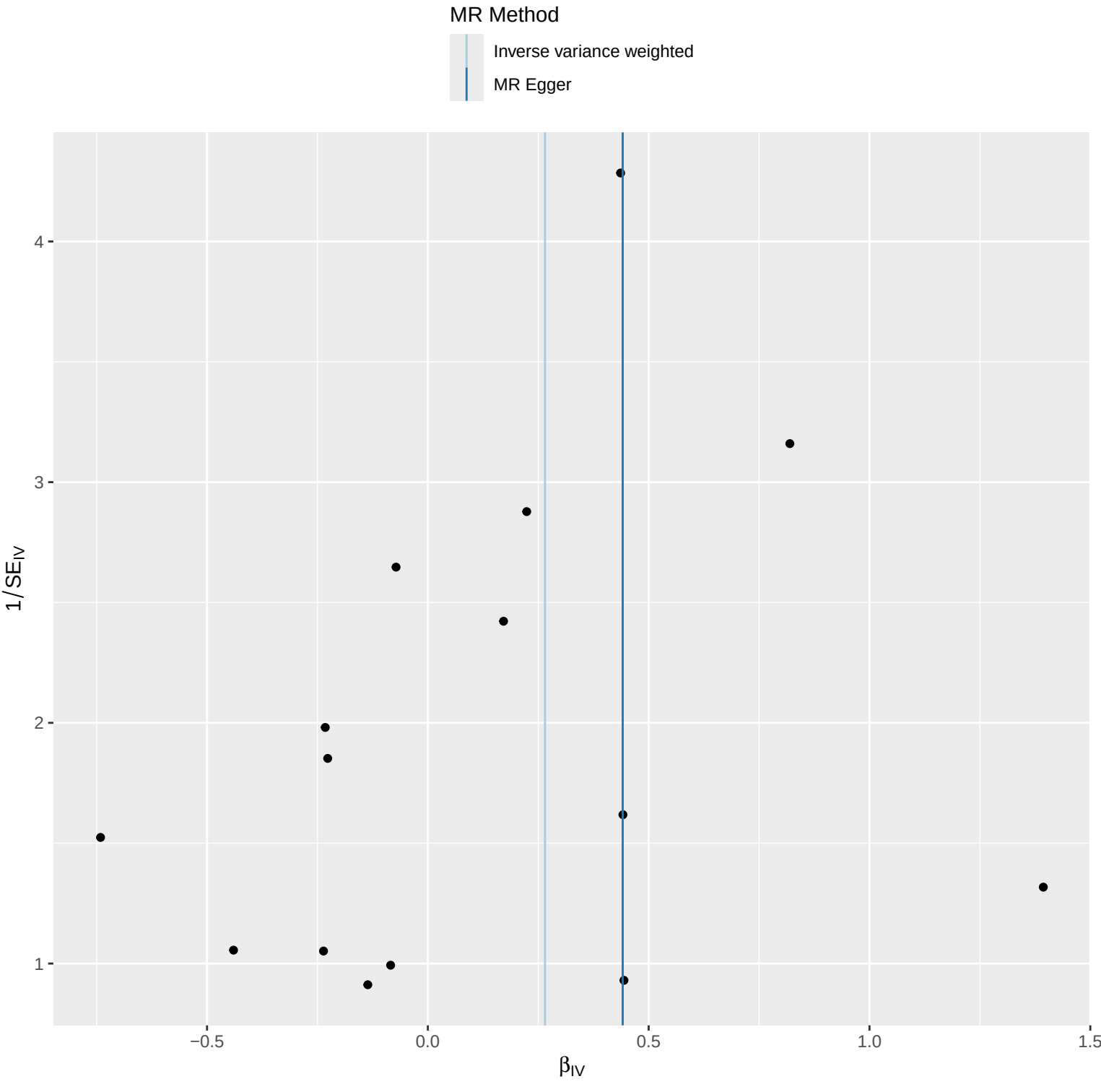

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

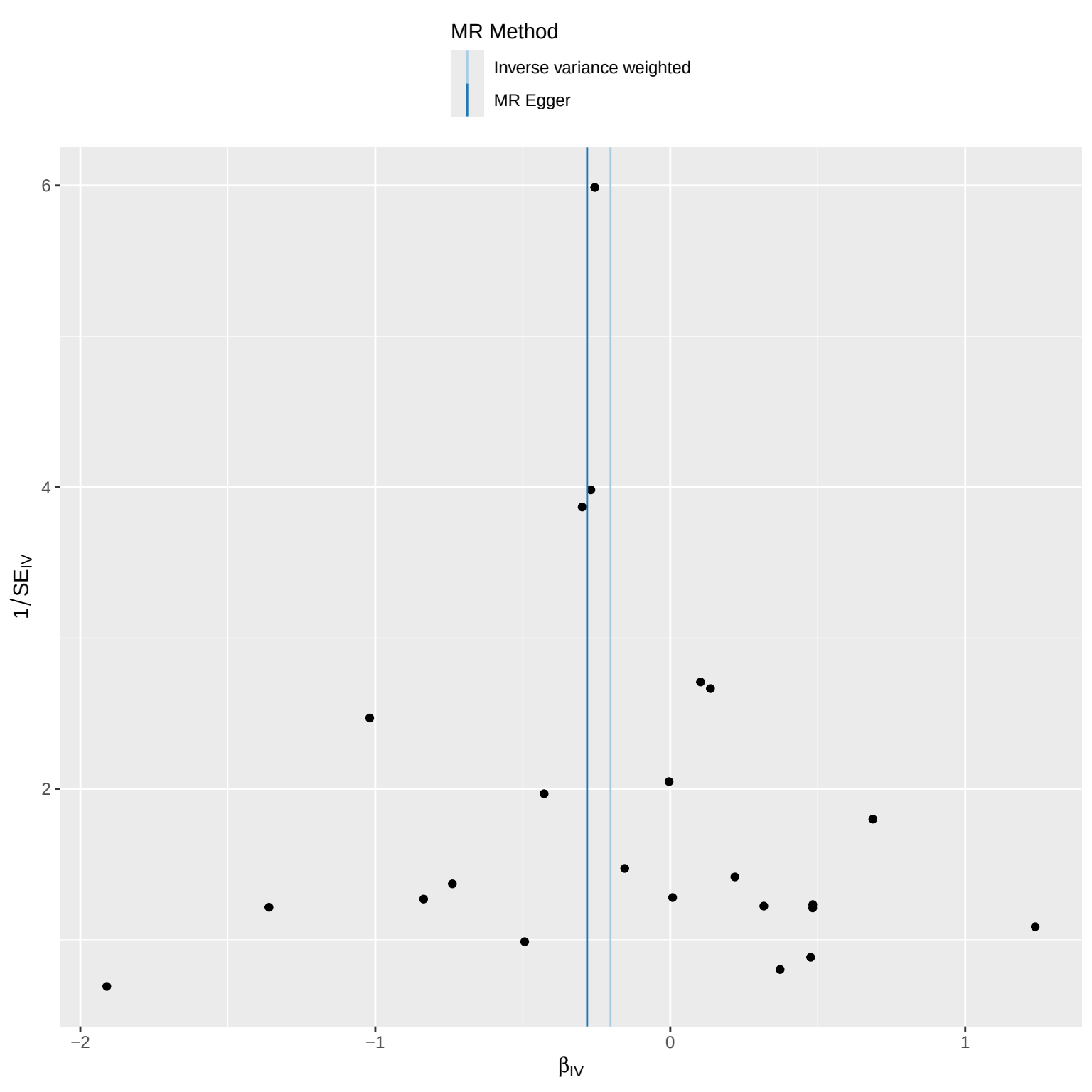

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

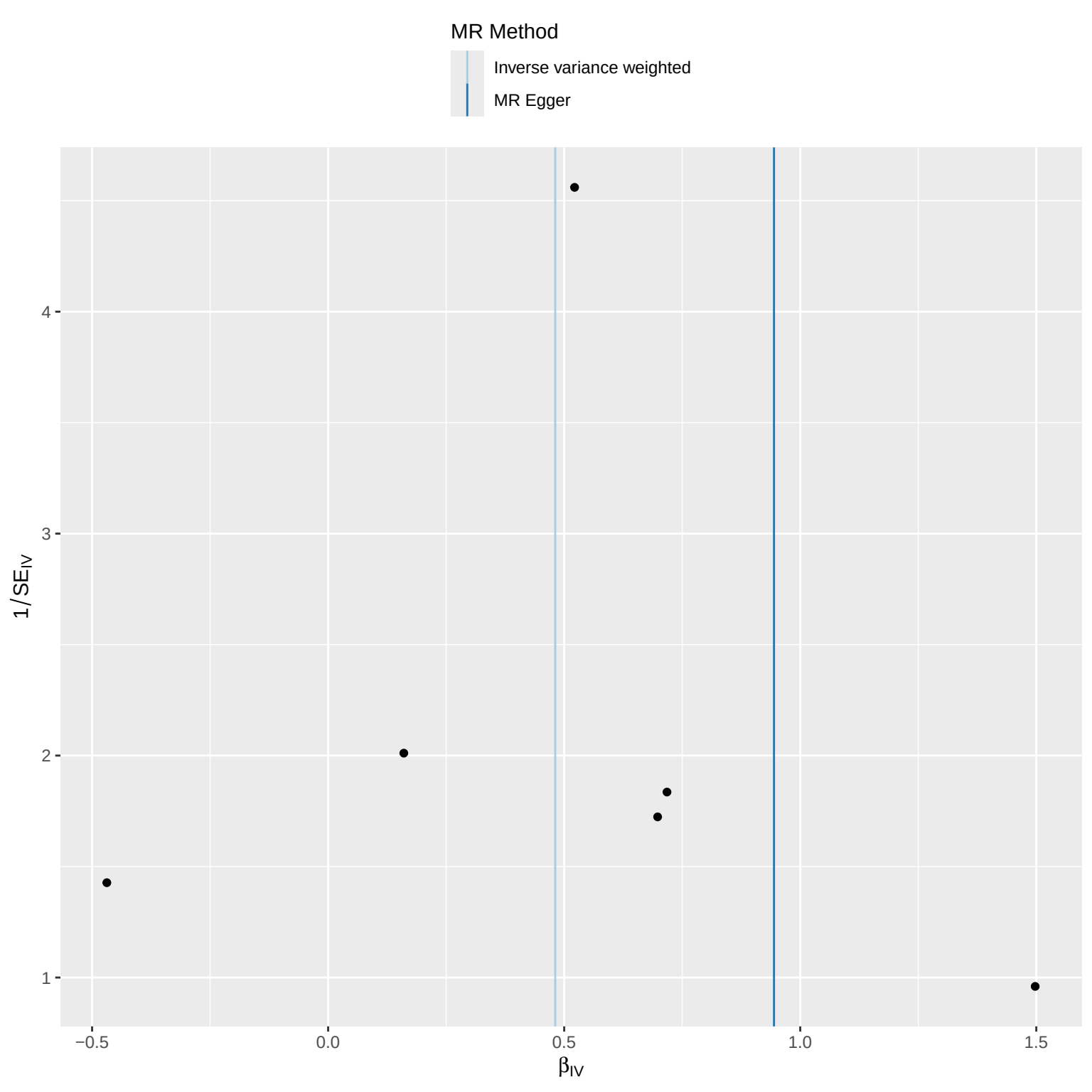

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

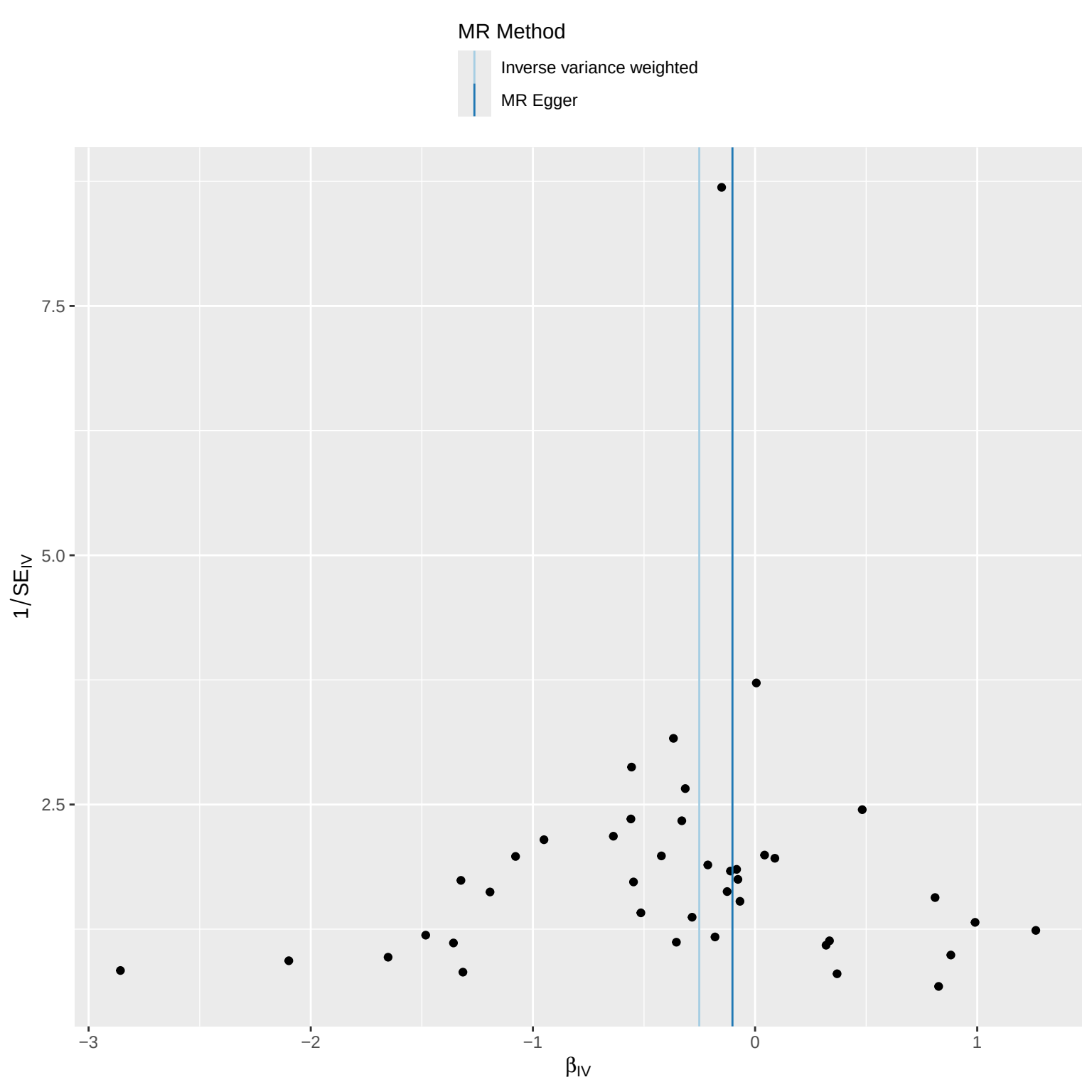

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
1
β_IV

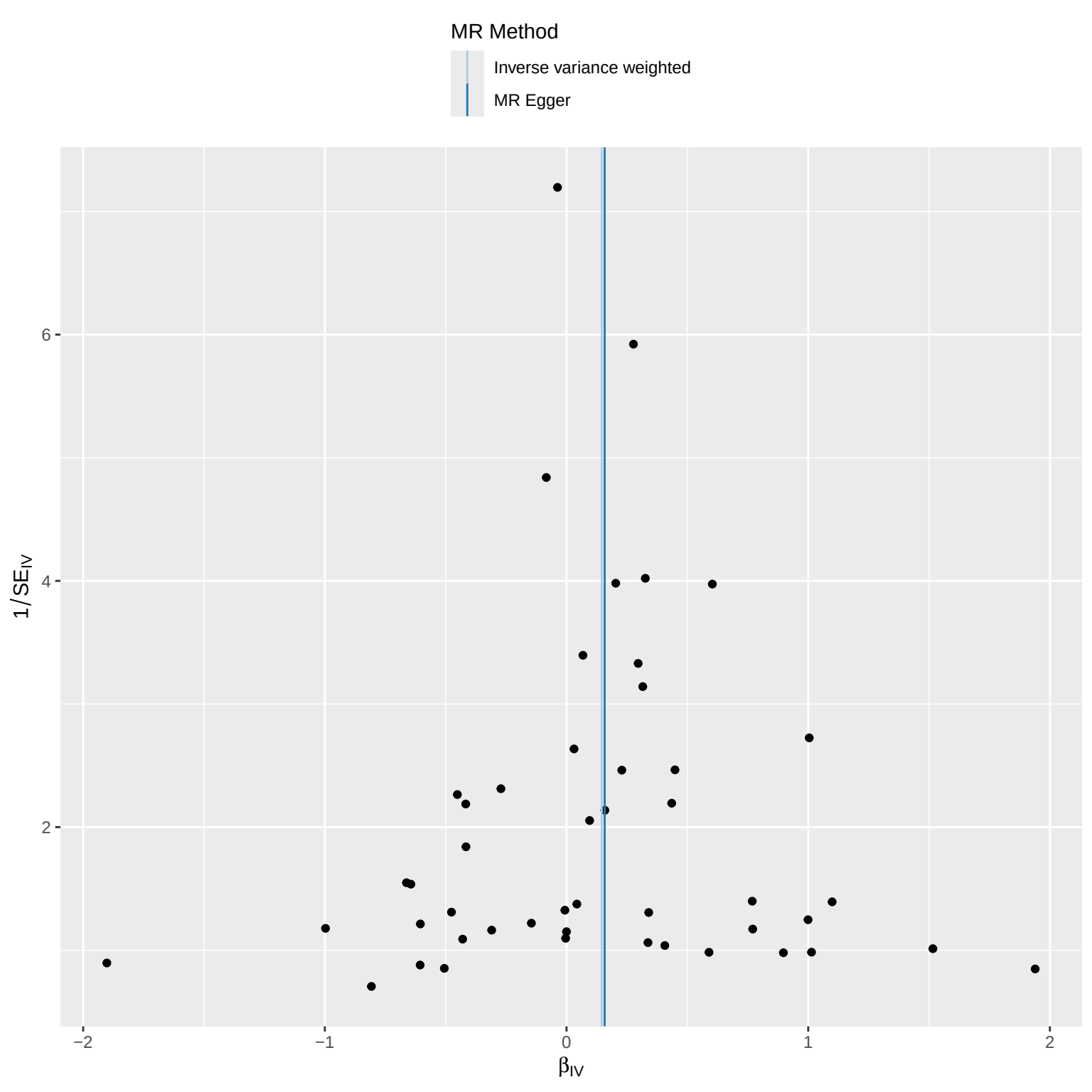

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

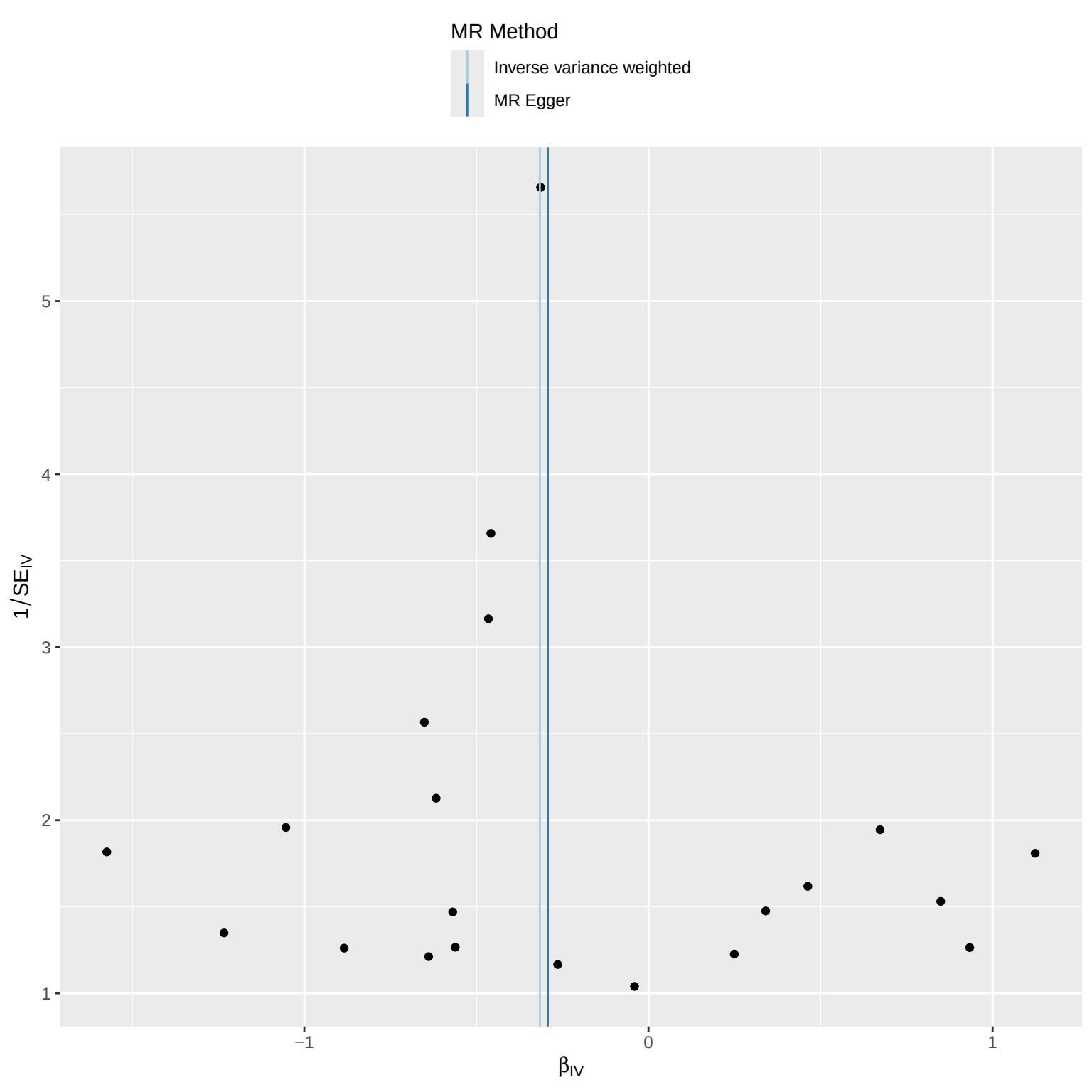

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

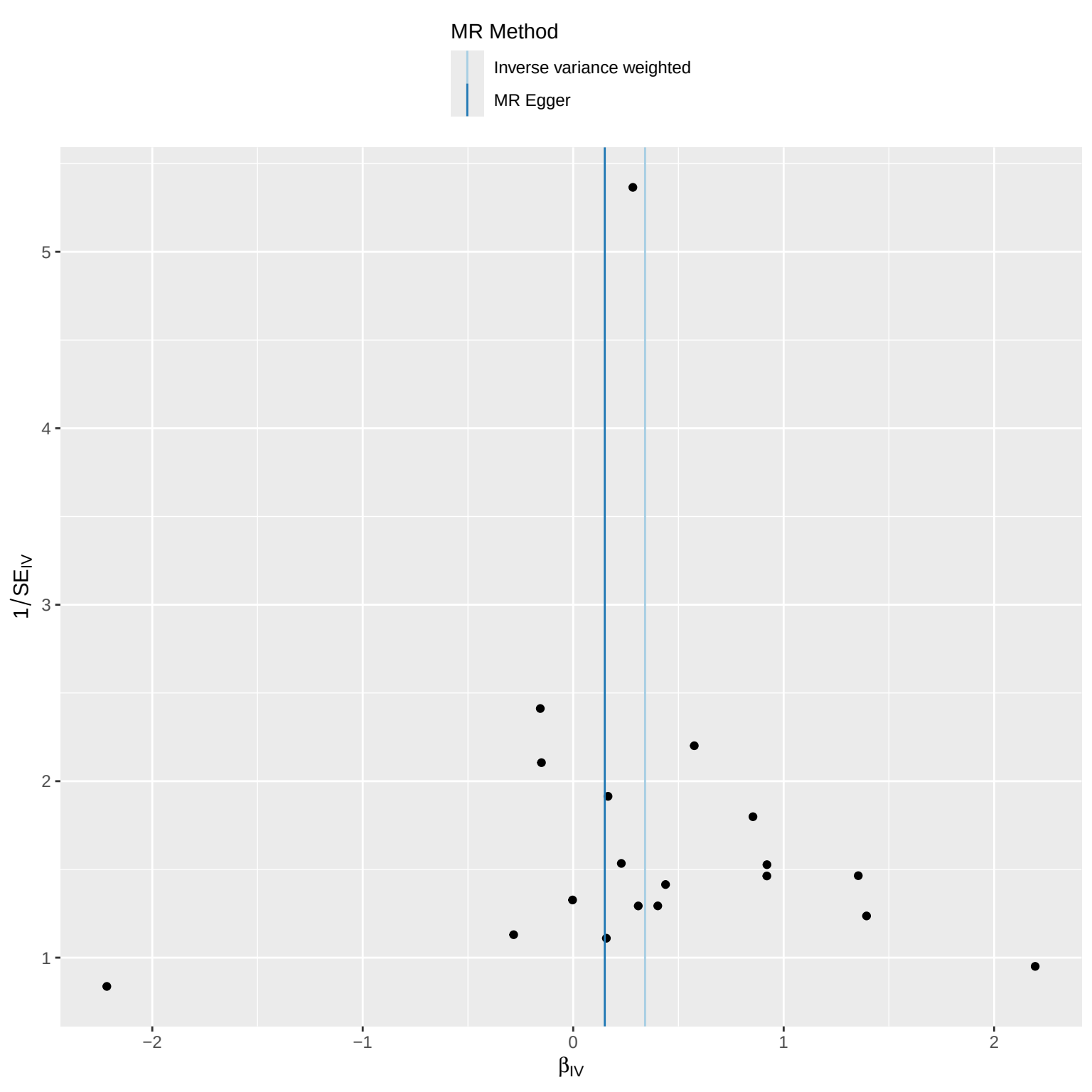

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

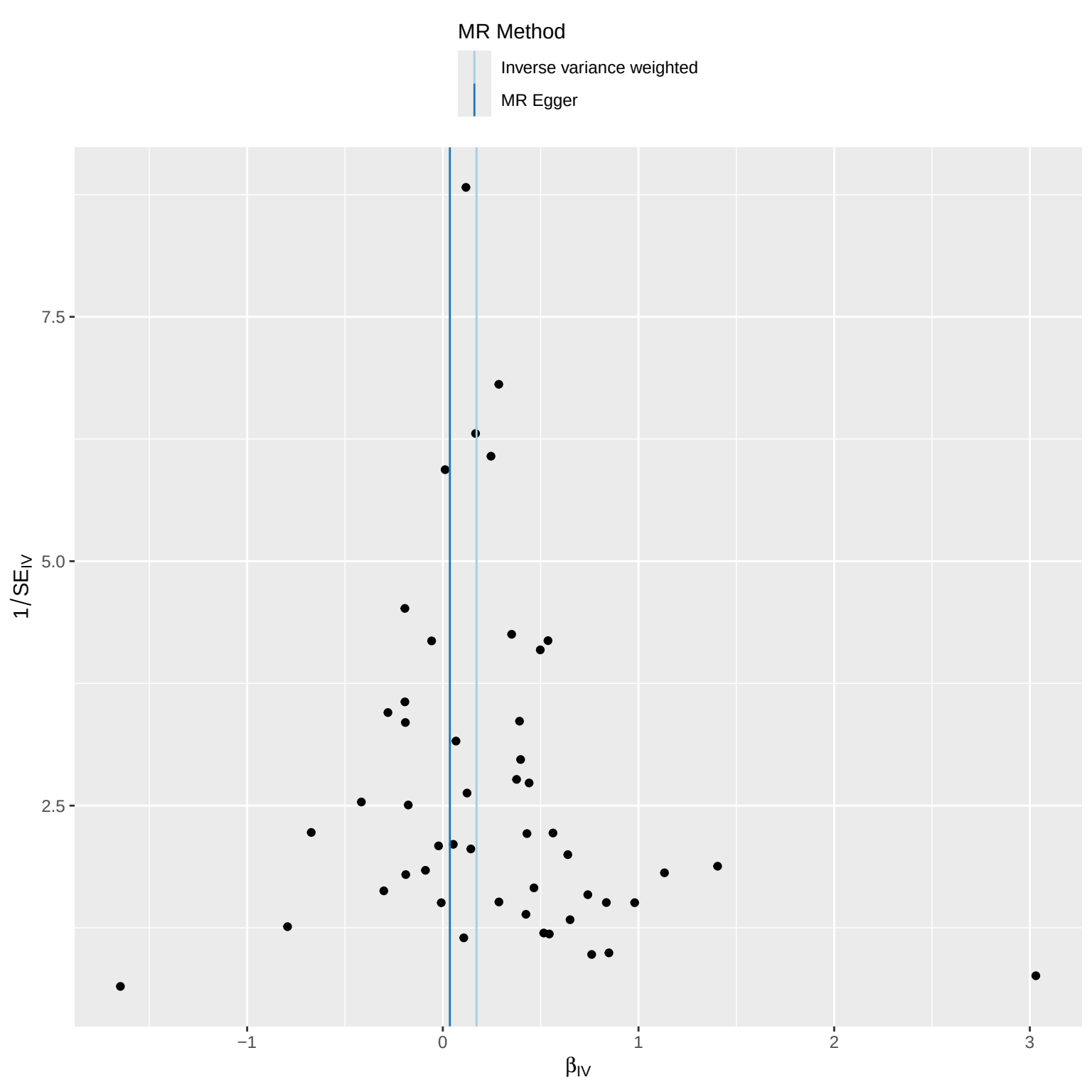

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

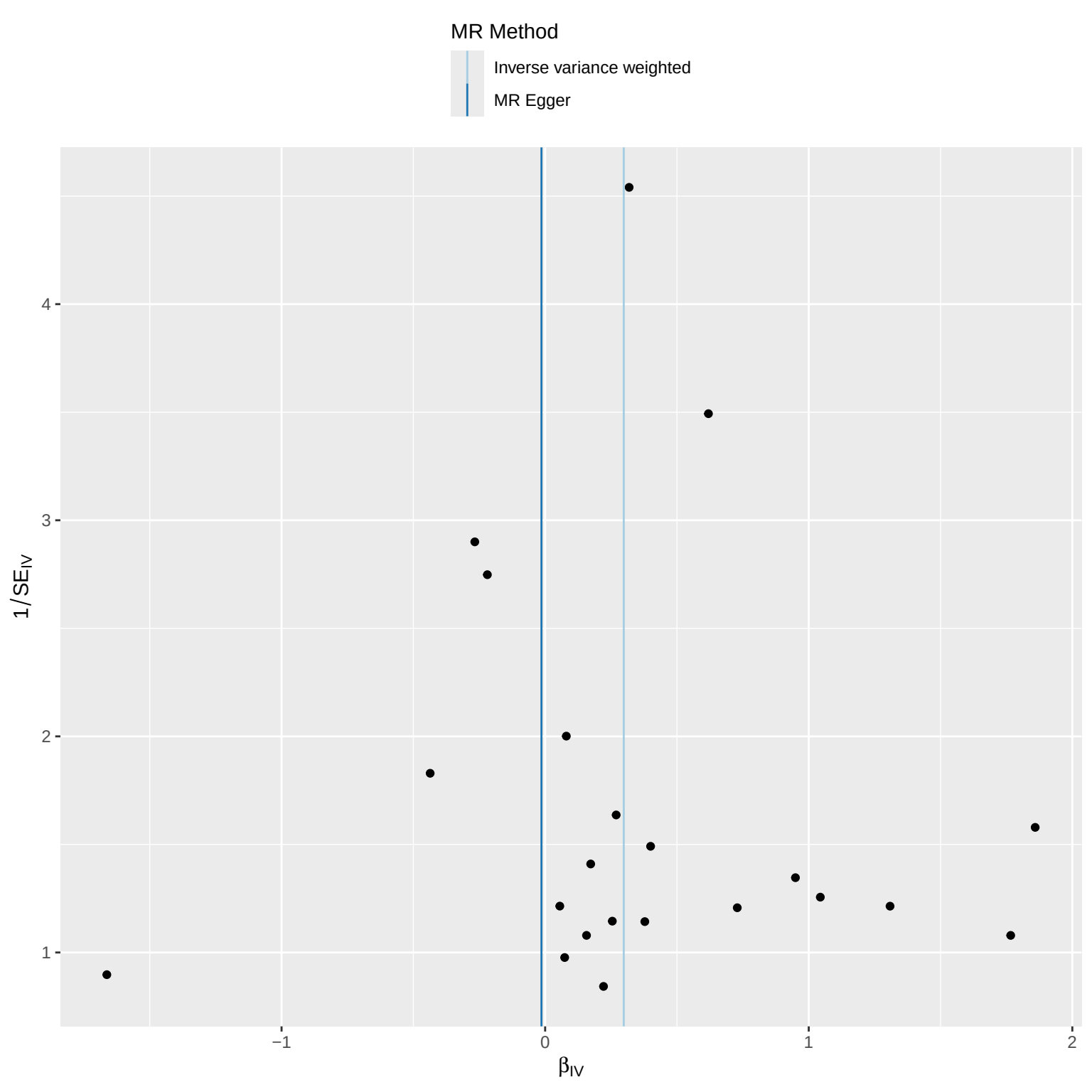

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−3
−2
−1
0
1
β_IV

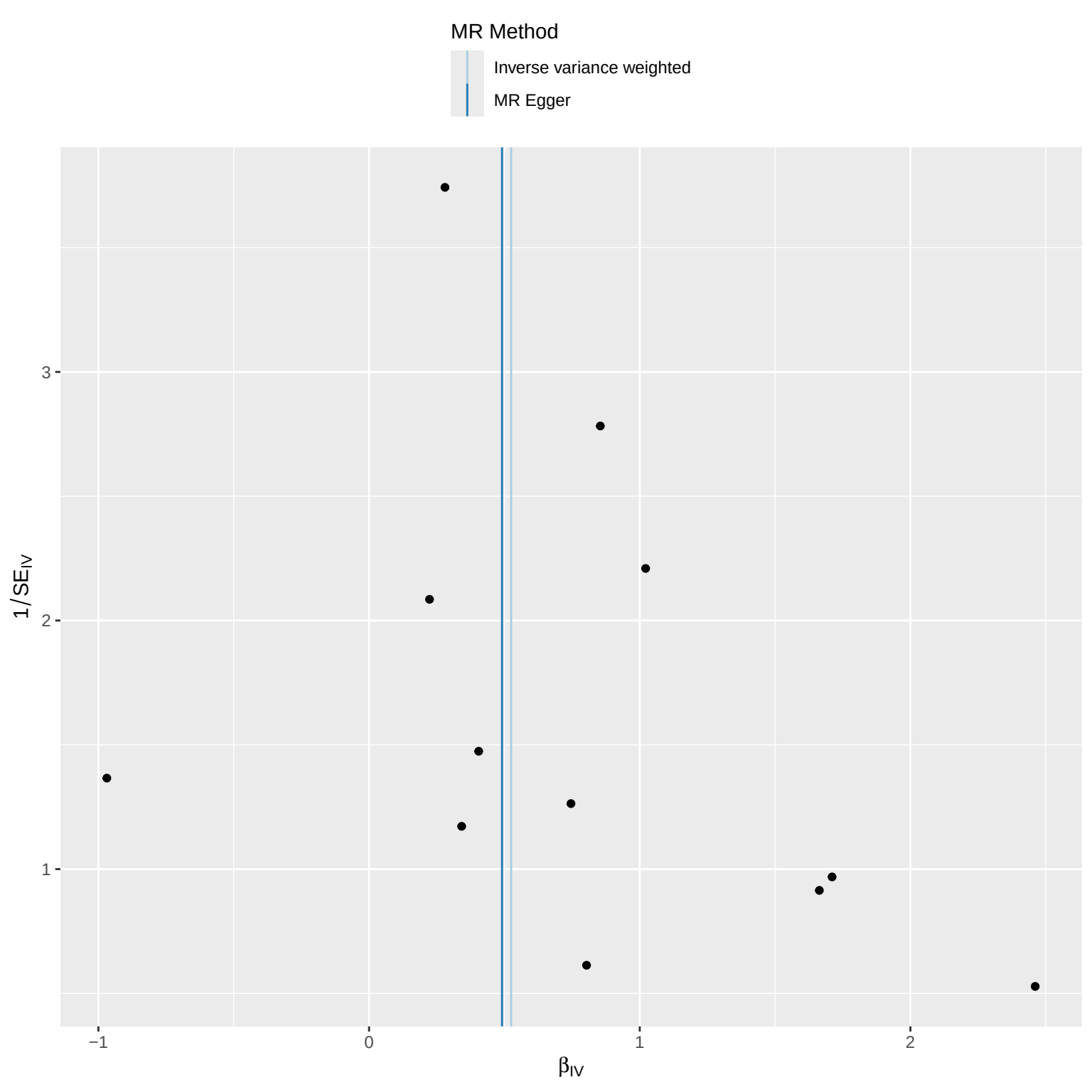

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

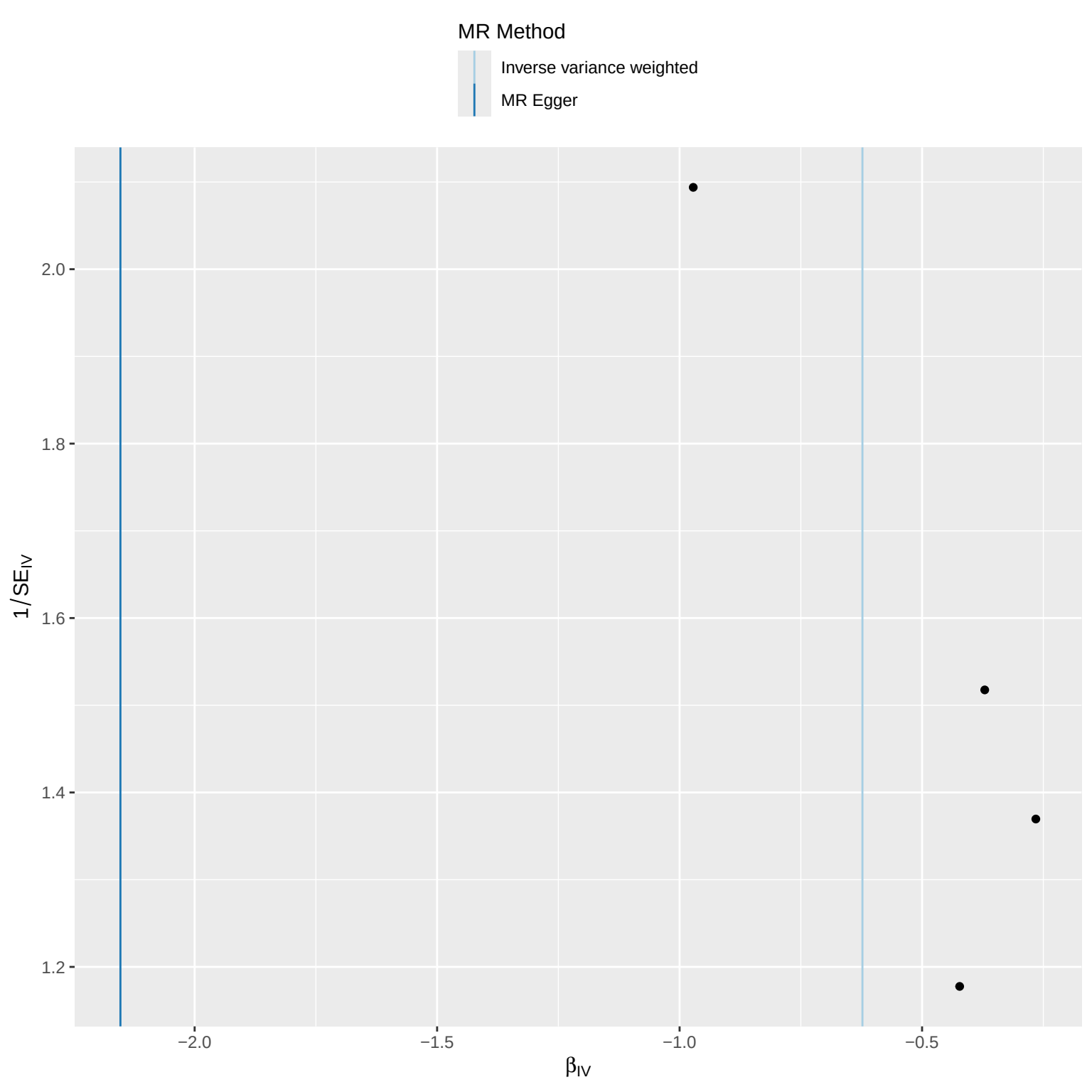

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1
0
1
β_IV

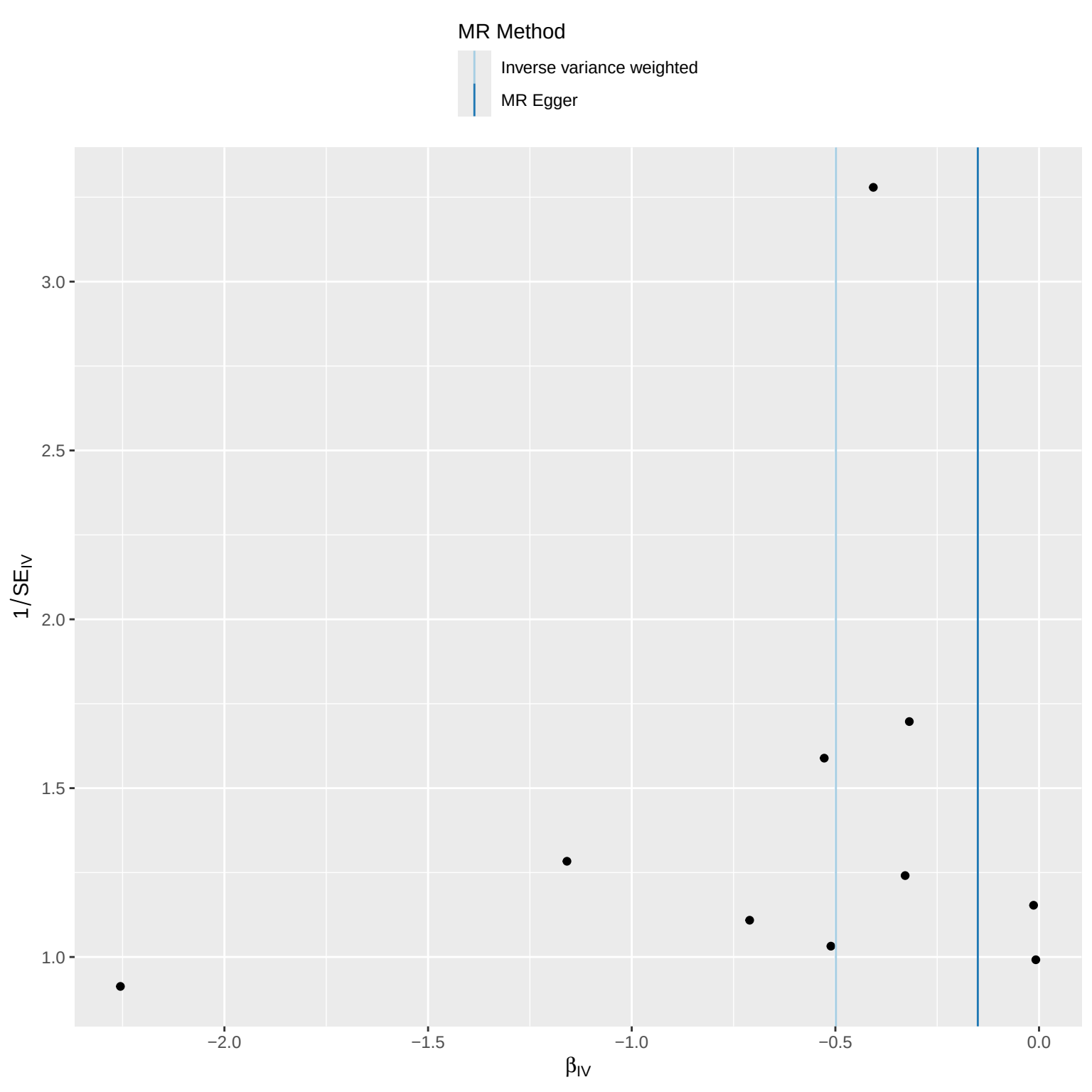

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

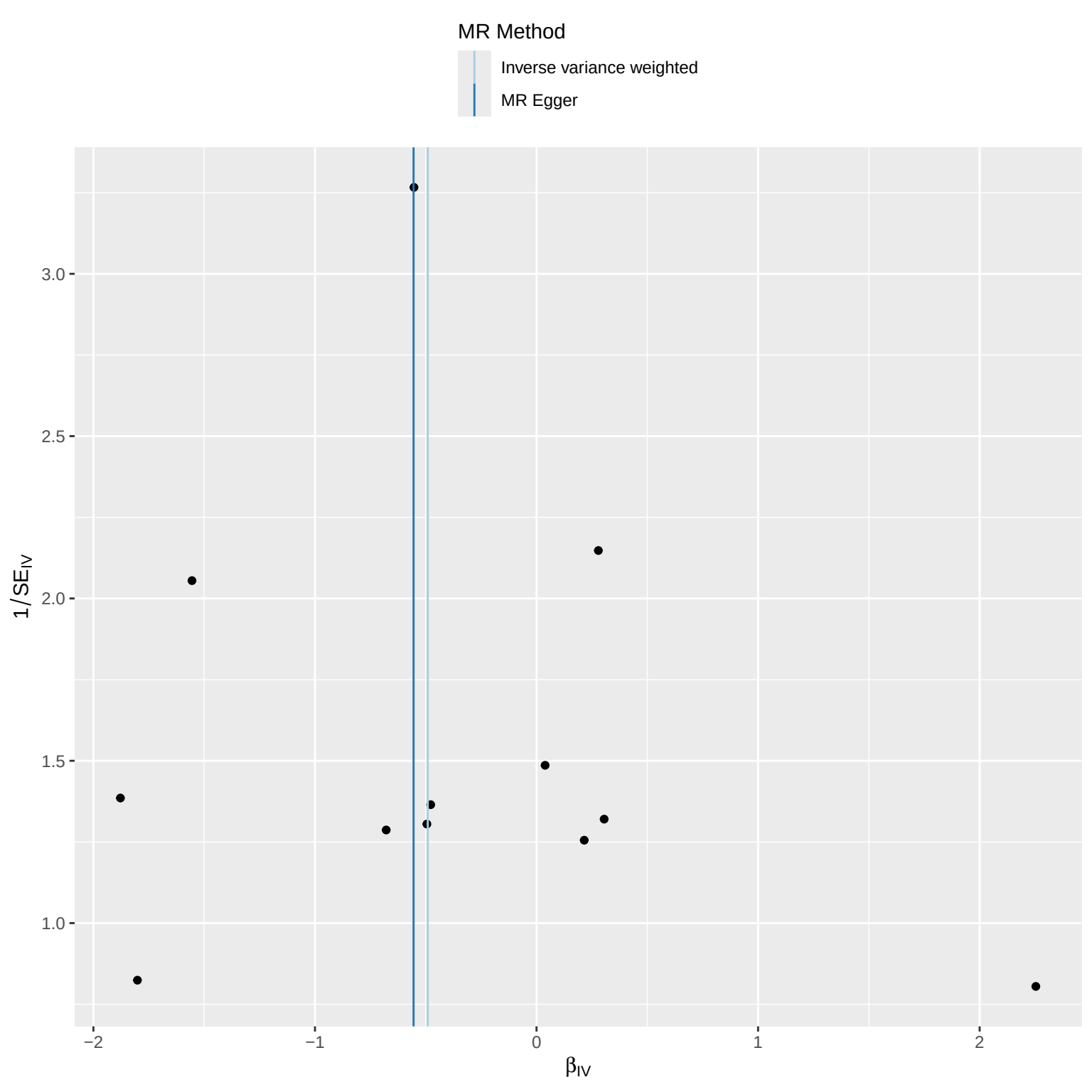

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
3
β_IV

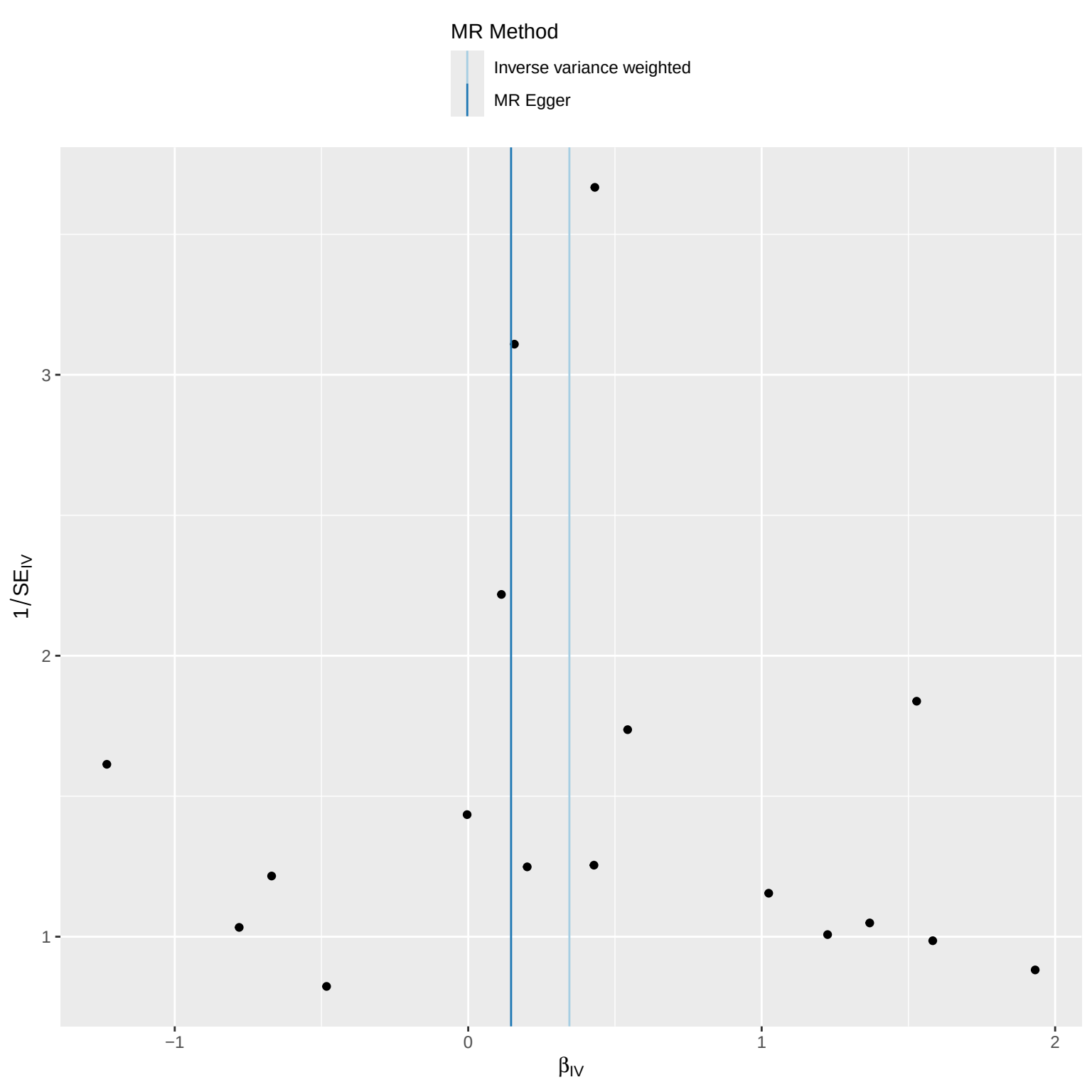

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

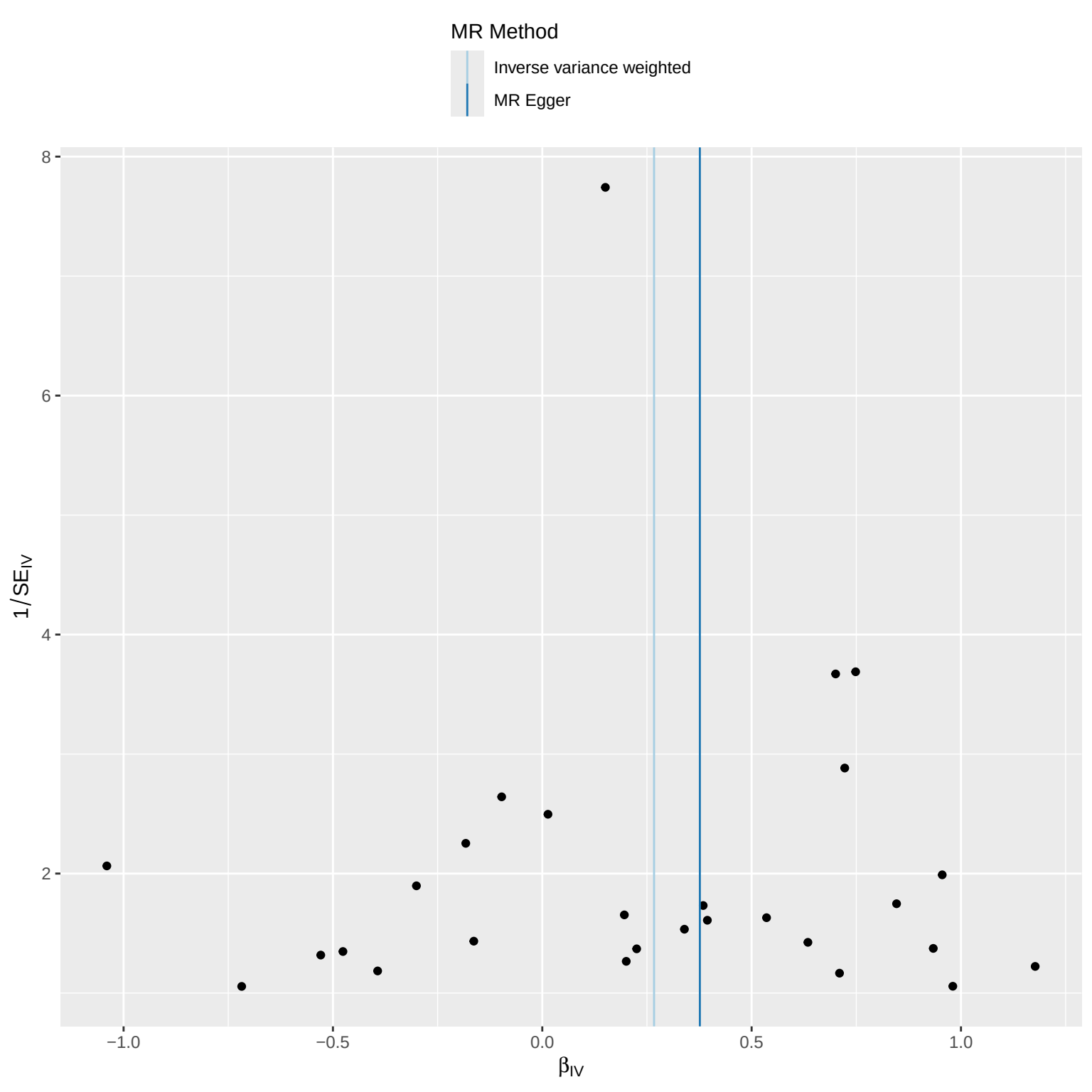

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

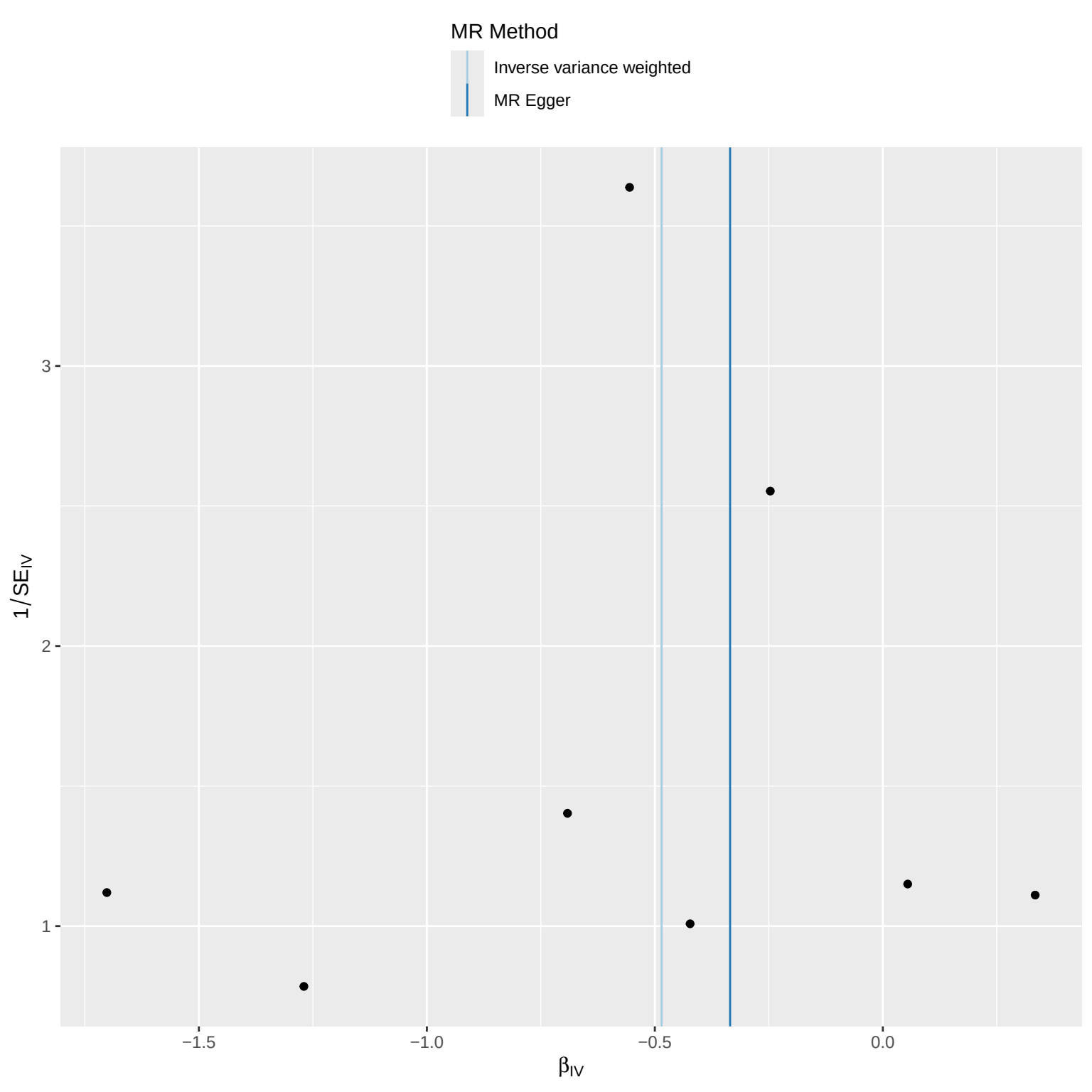

MR Method
Inverse variance weighted
MR Egger
2.0
1.8
1.6
1.4
1.2
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

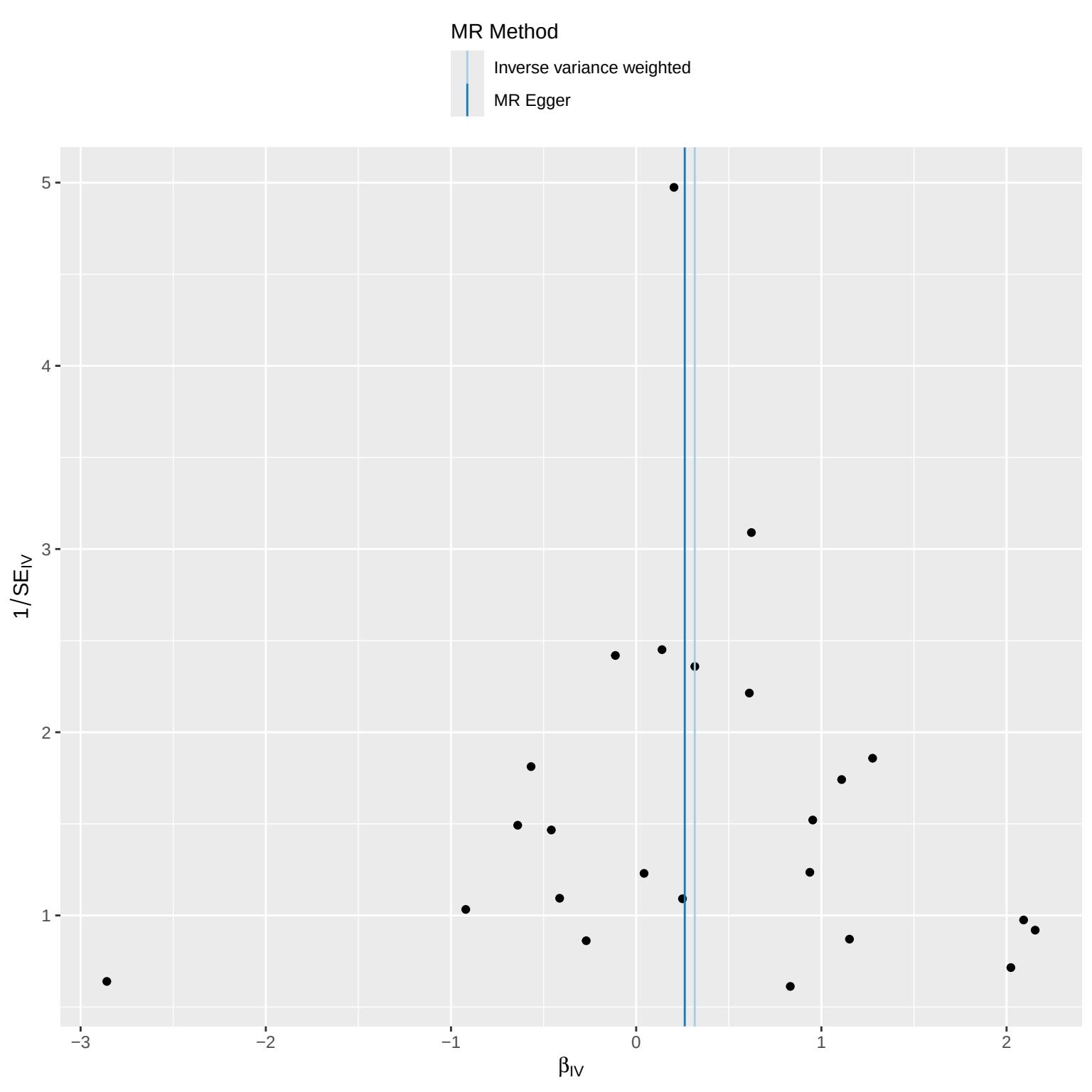

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

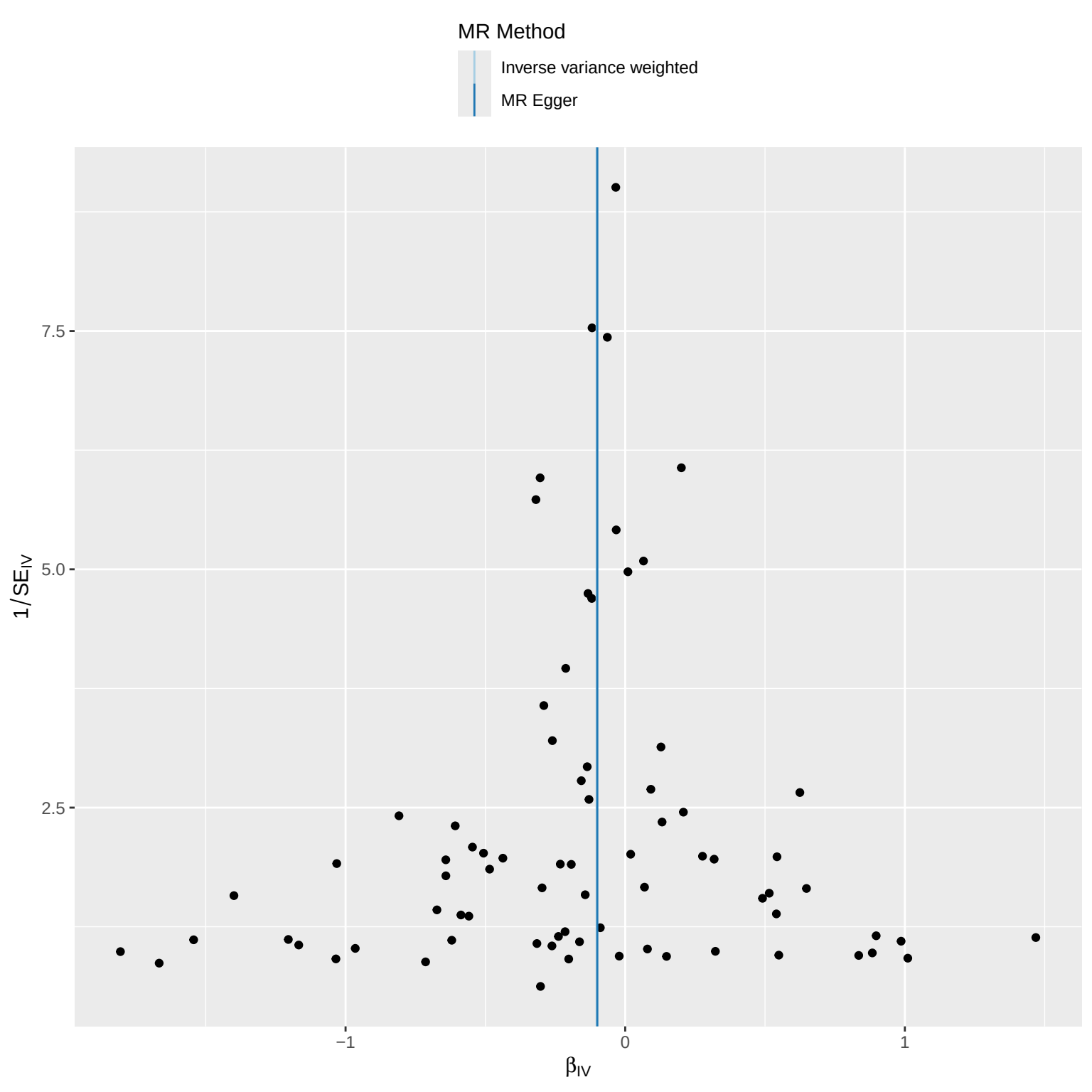

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
2
β_IV

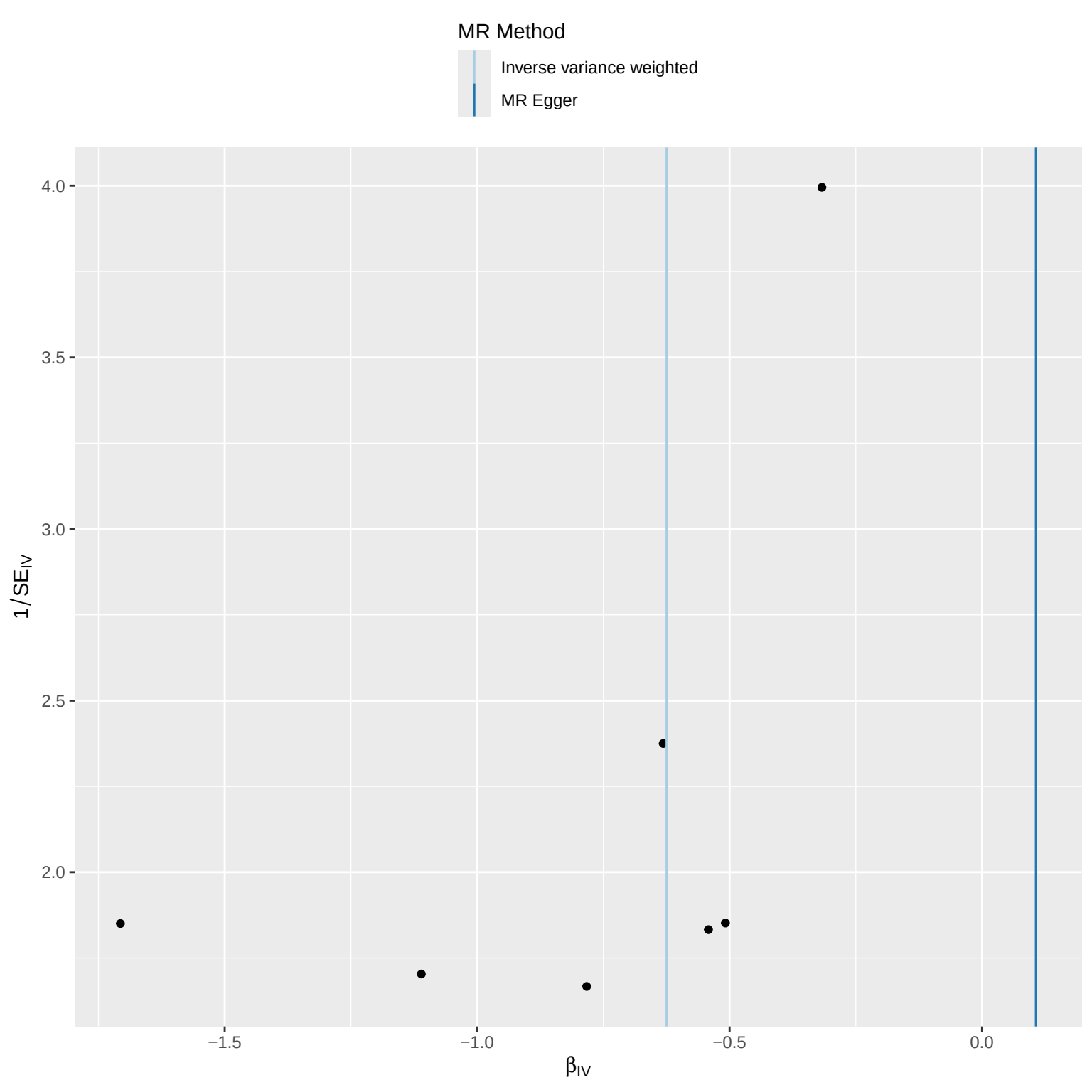

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

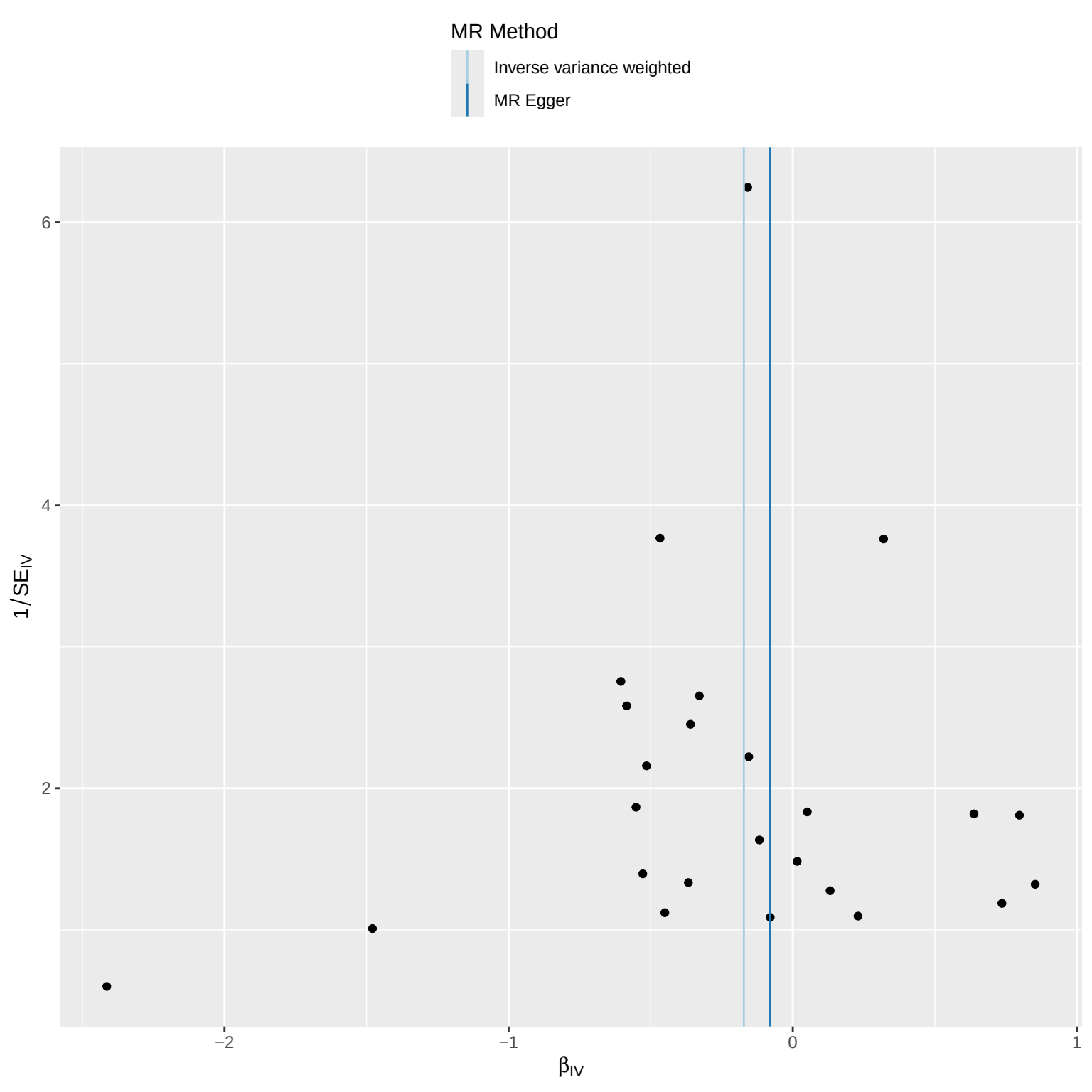

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

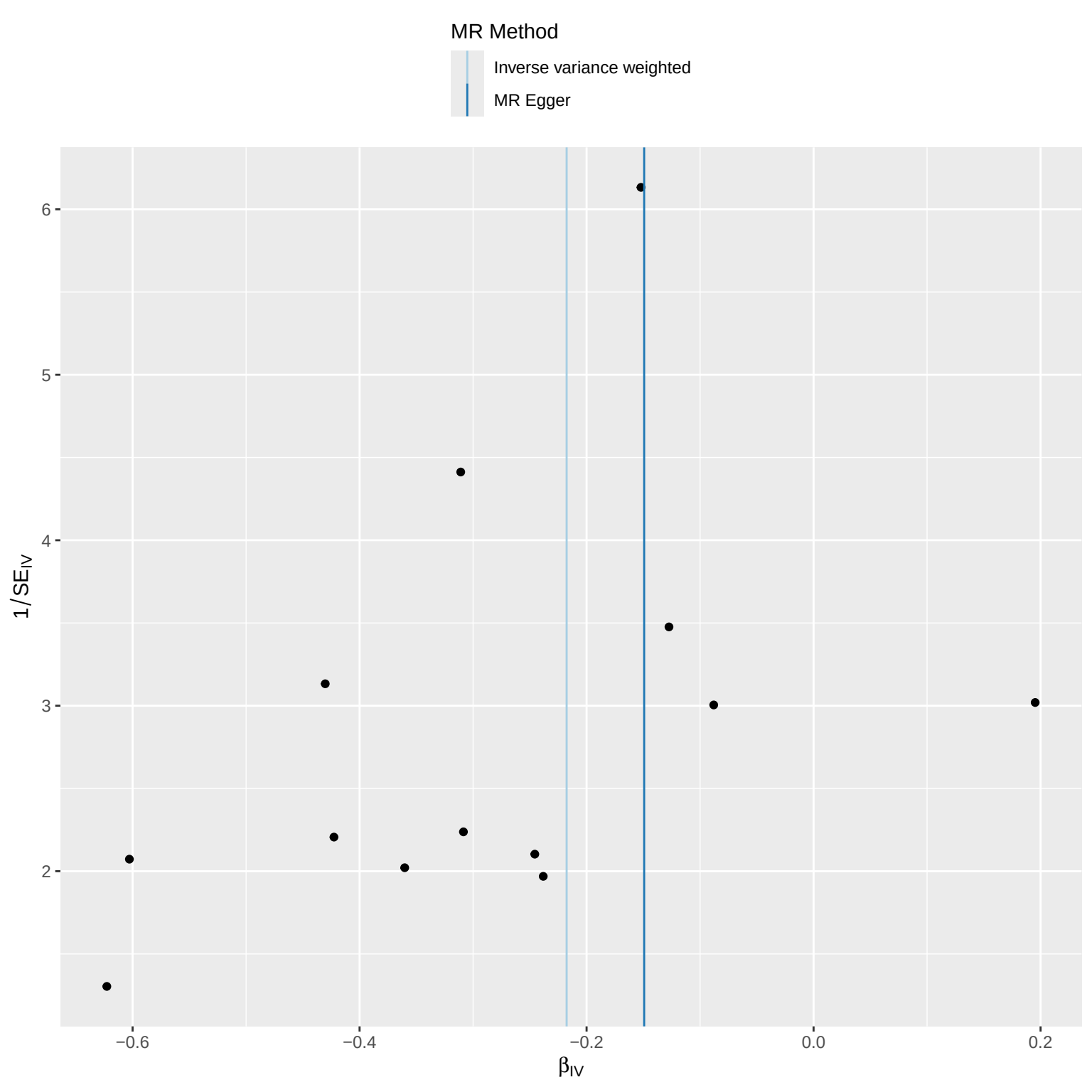

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

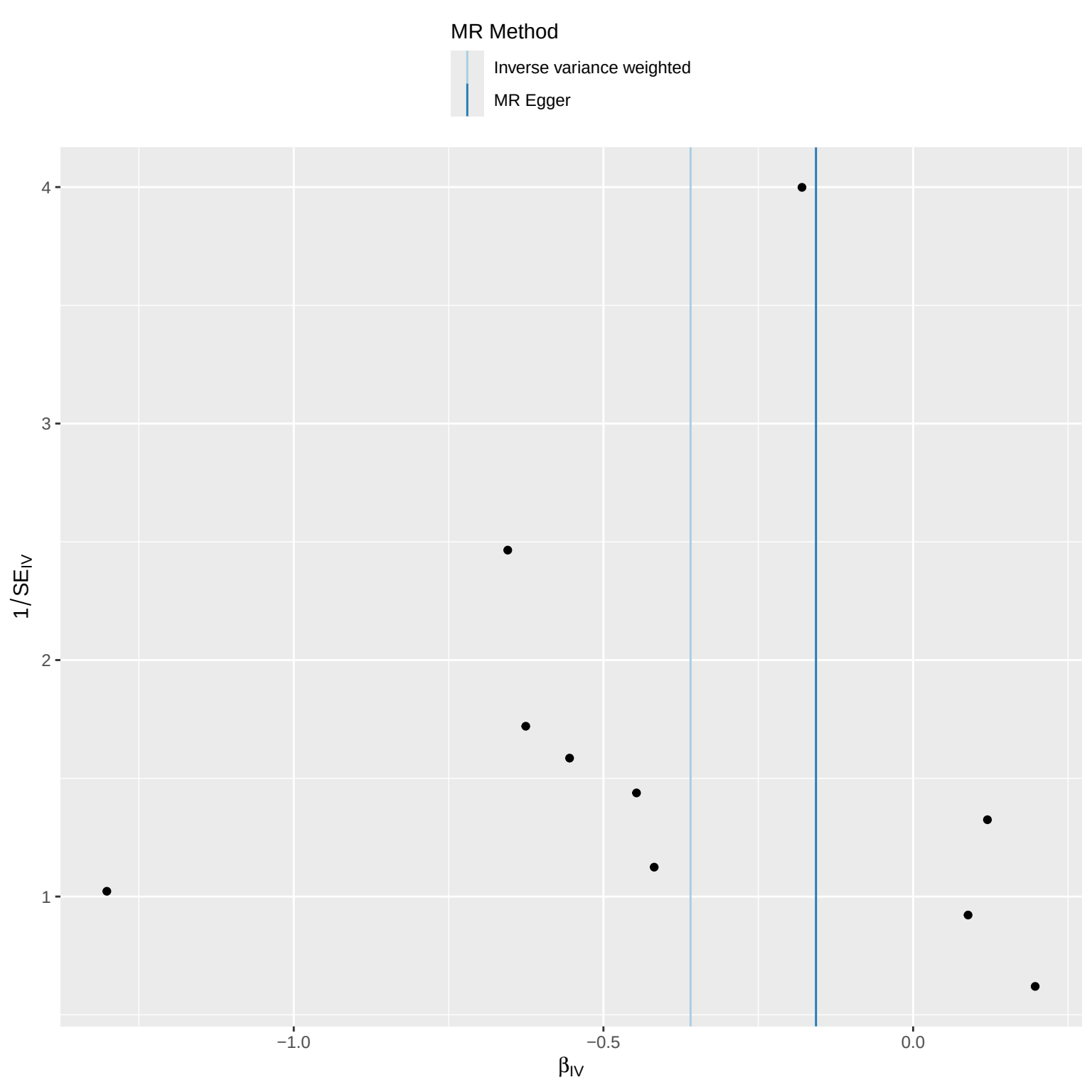

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

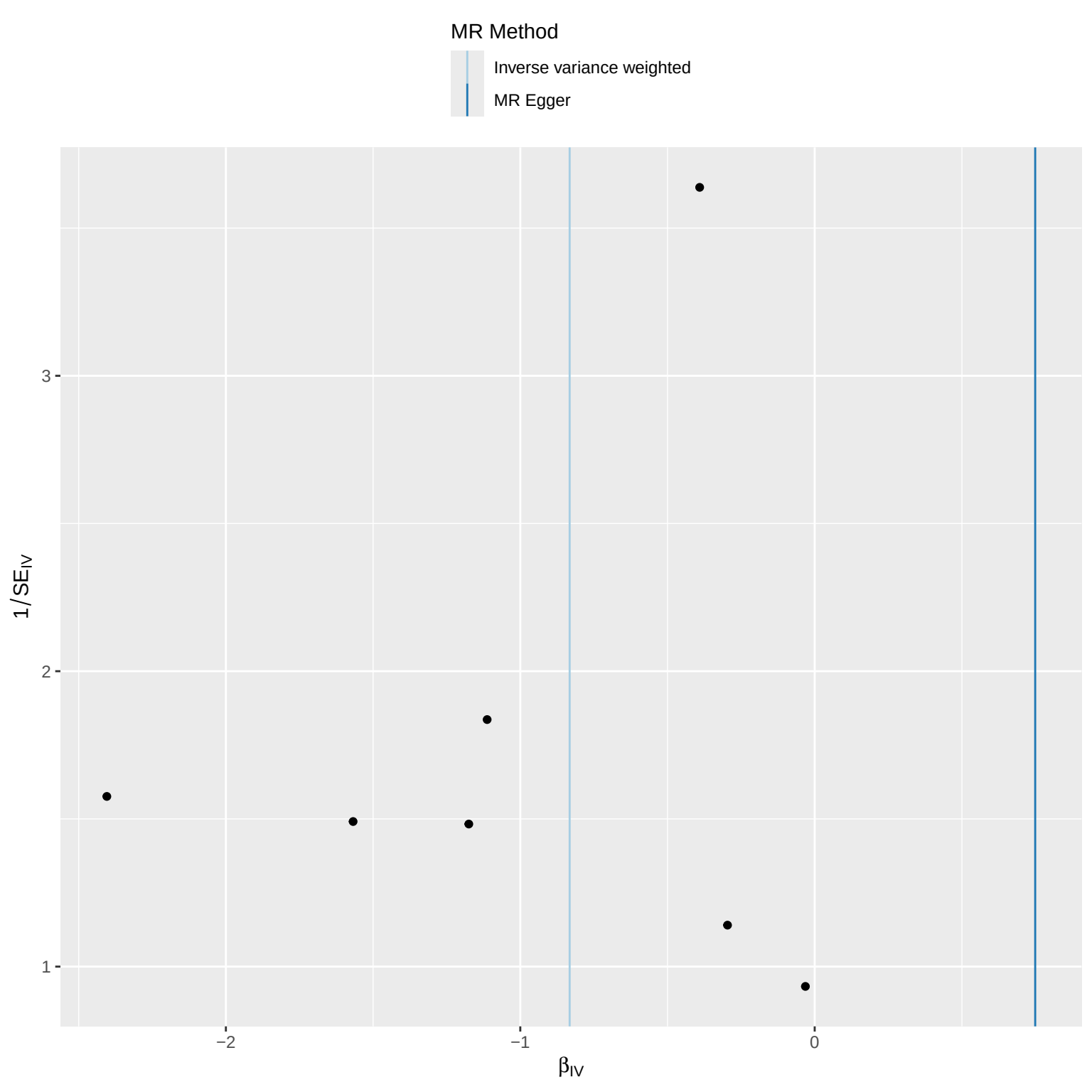

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

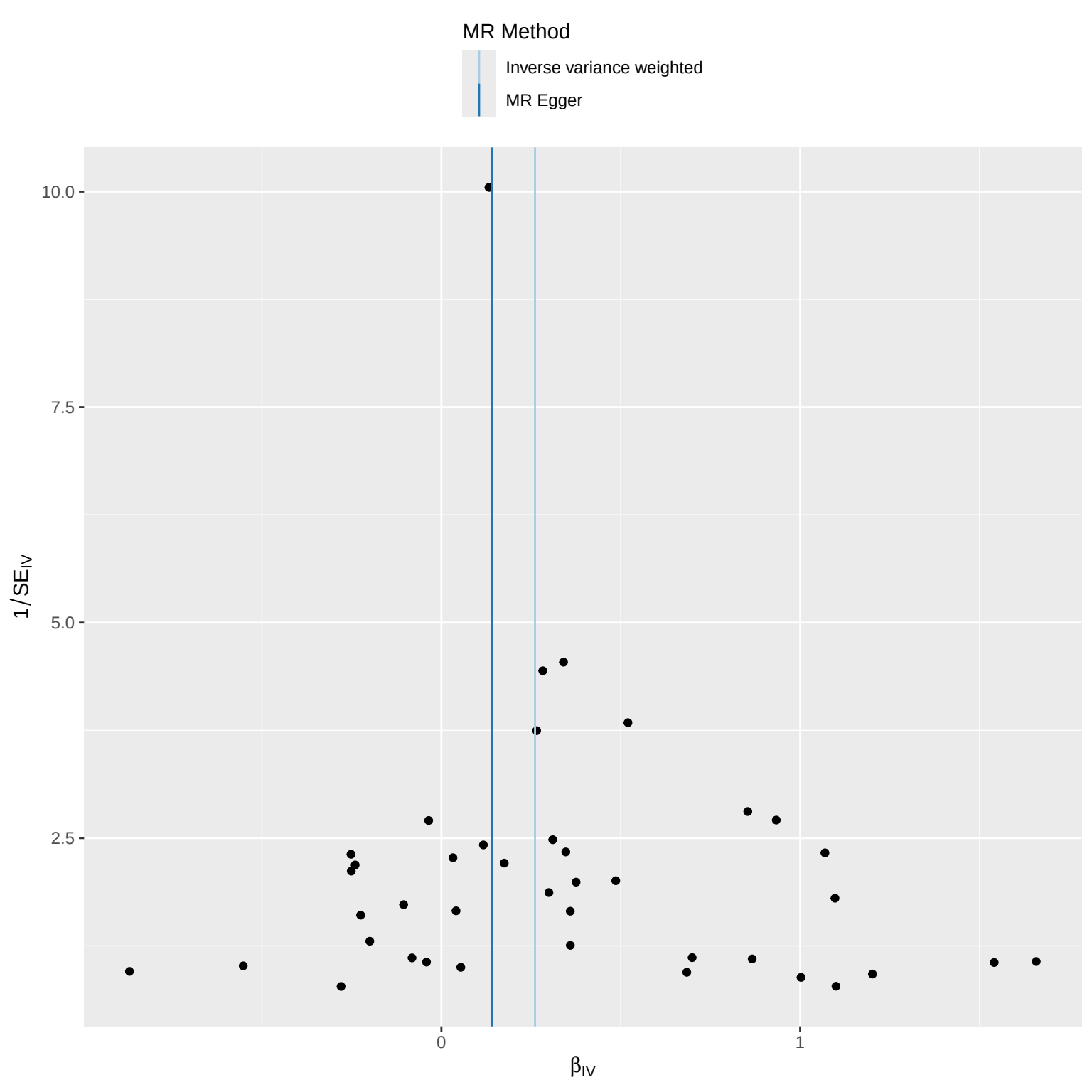

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
2.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

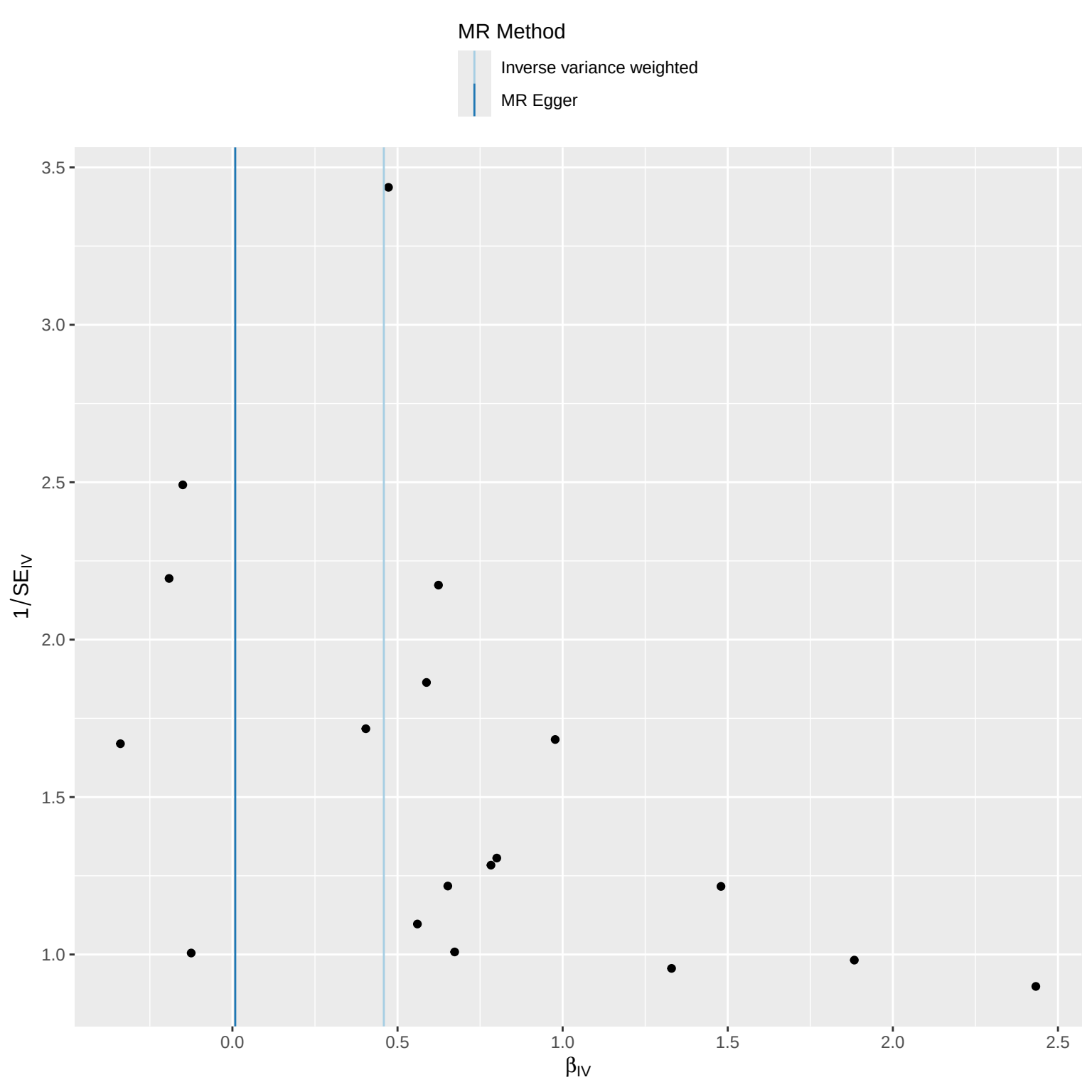

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

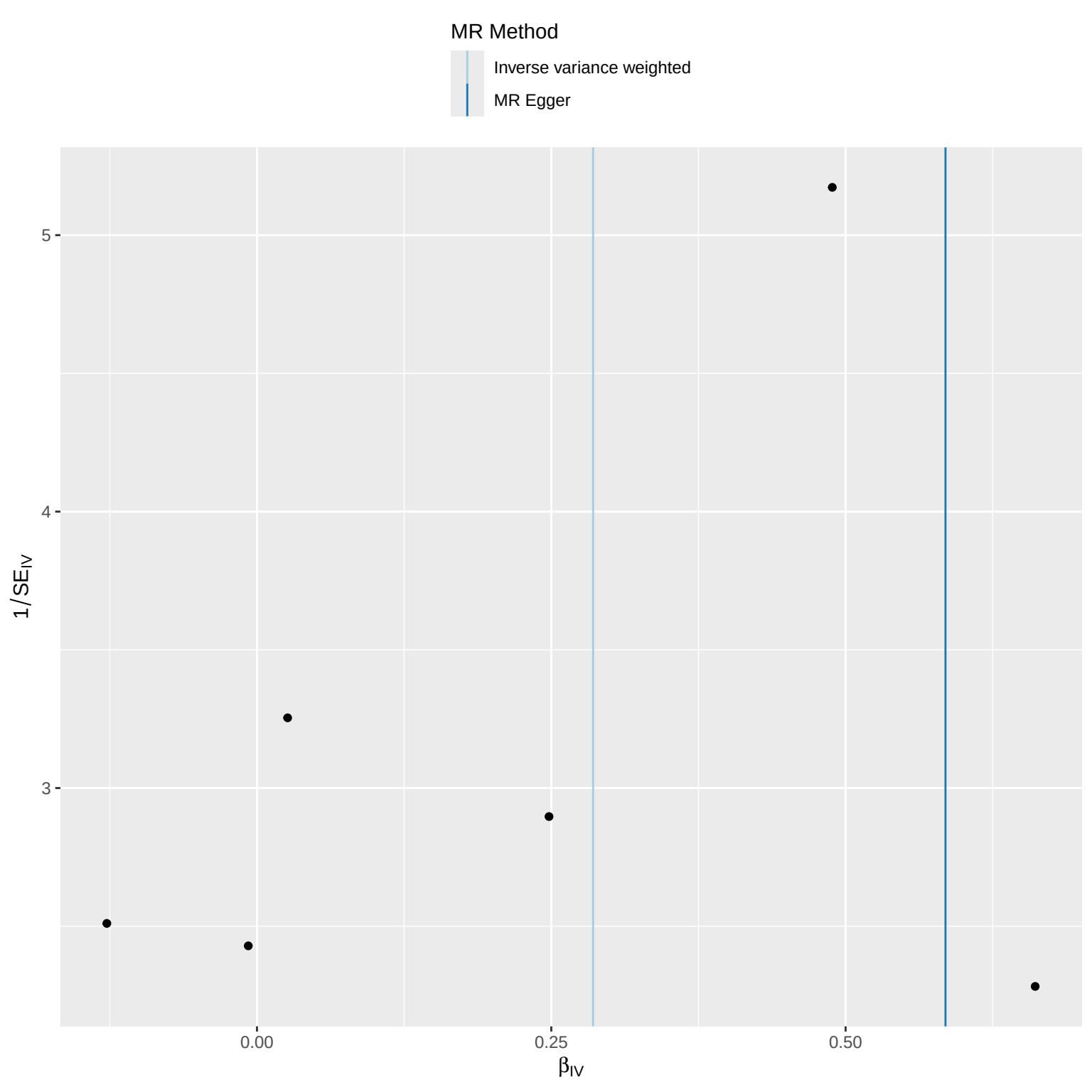

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
β_IV

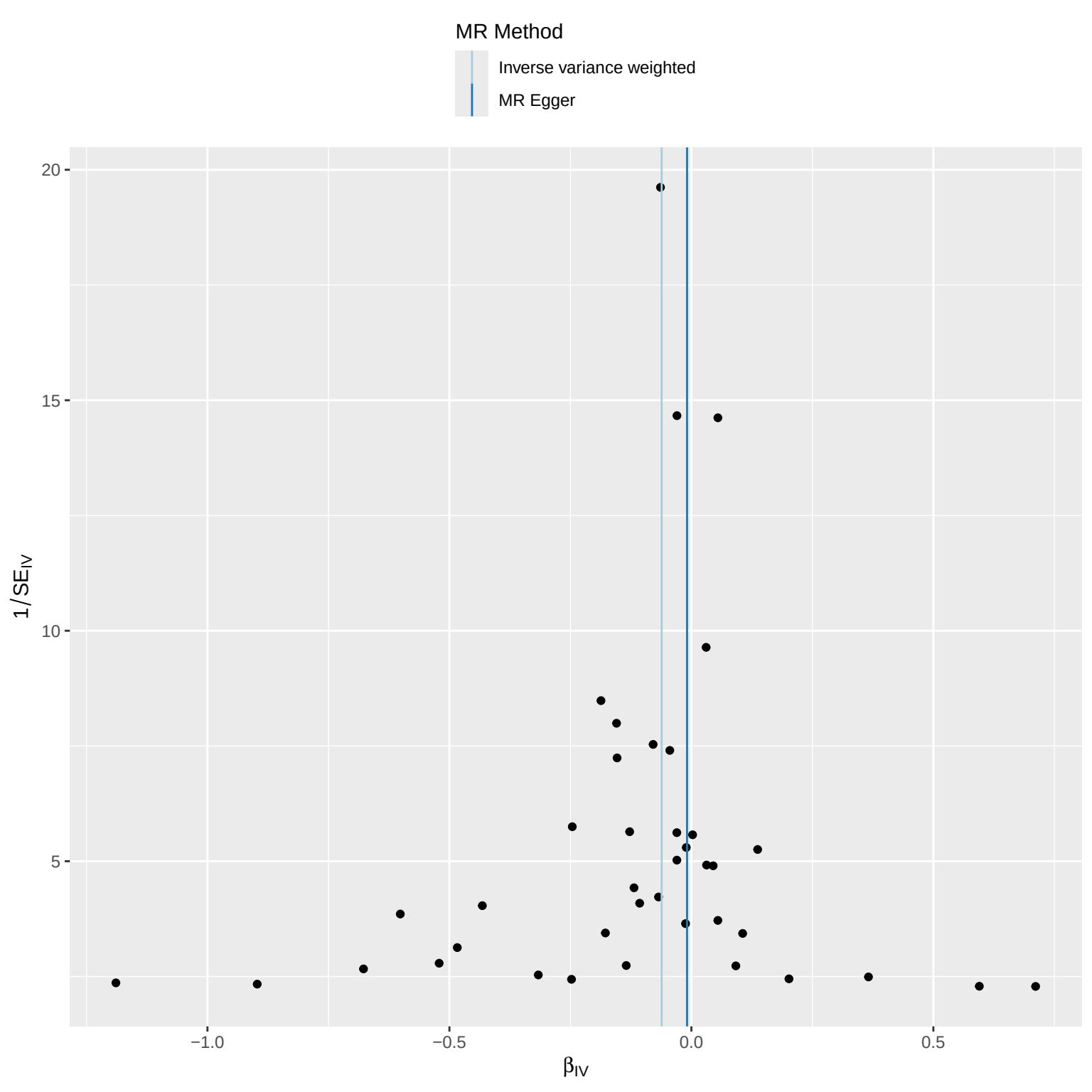

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
β_IV

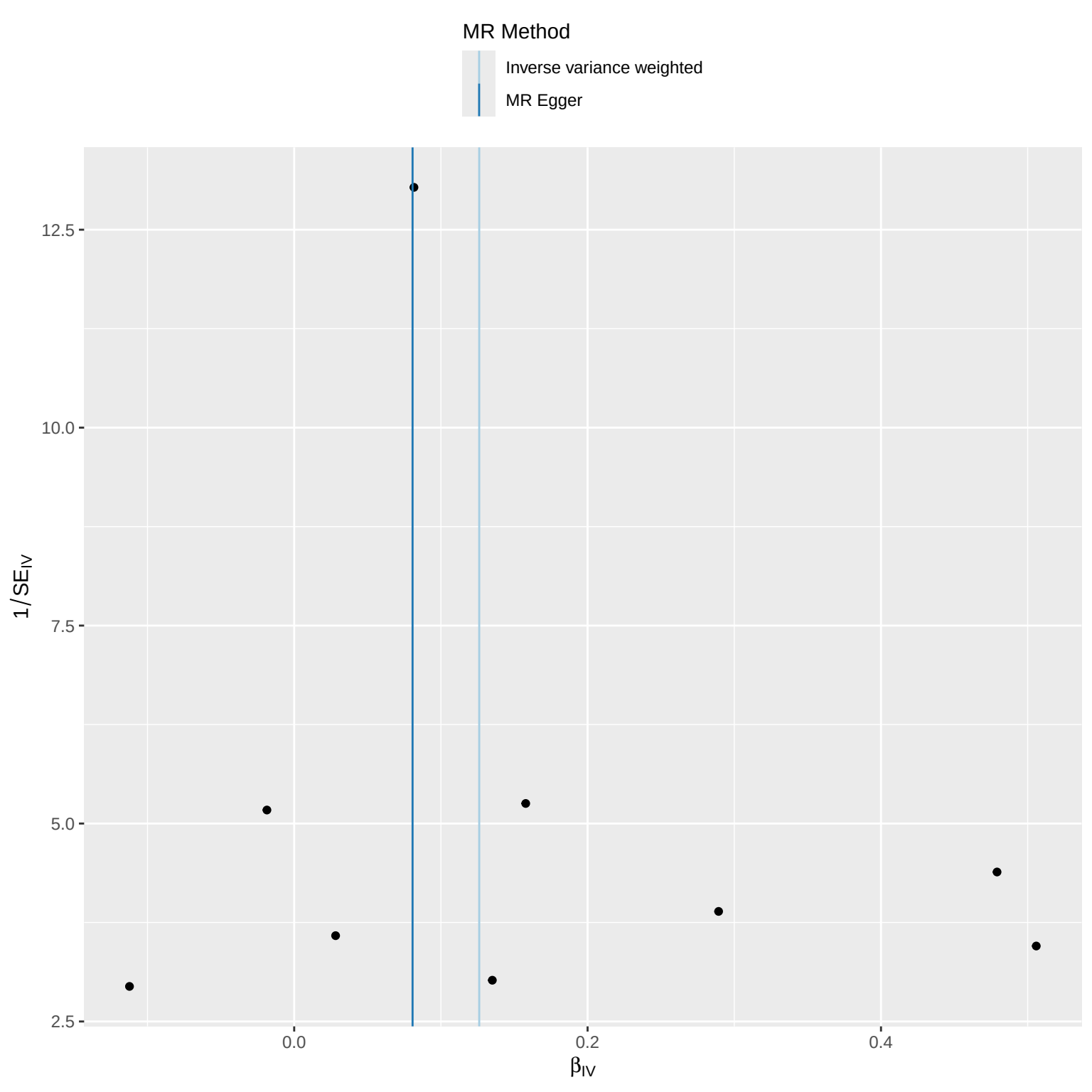

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

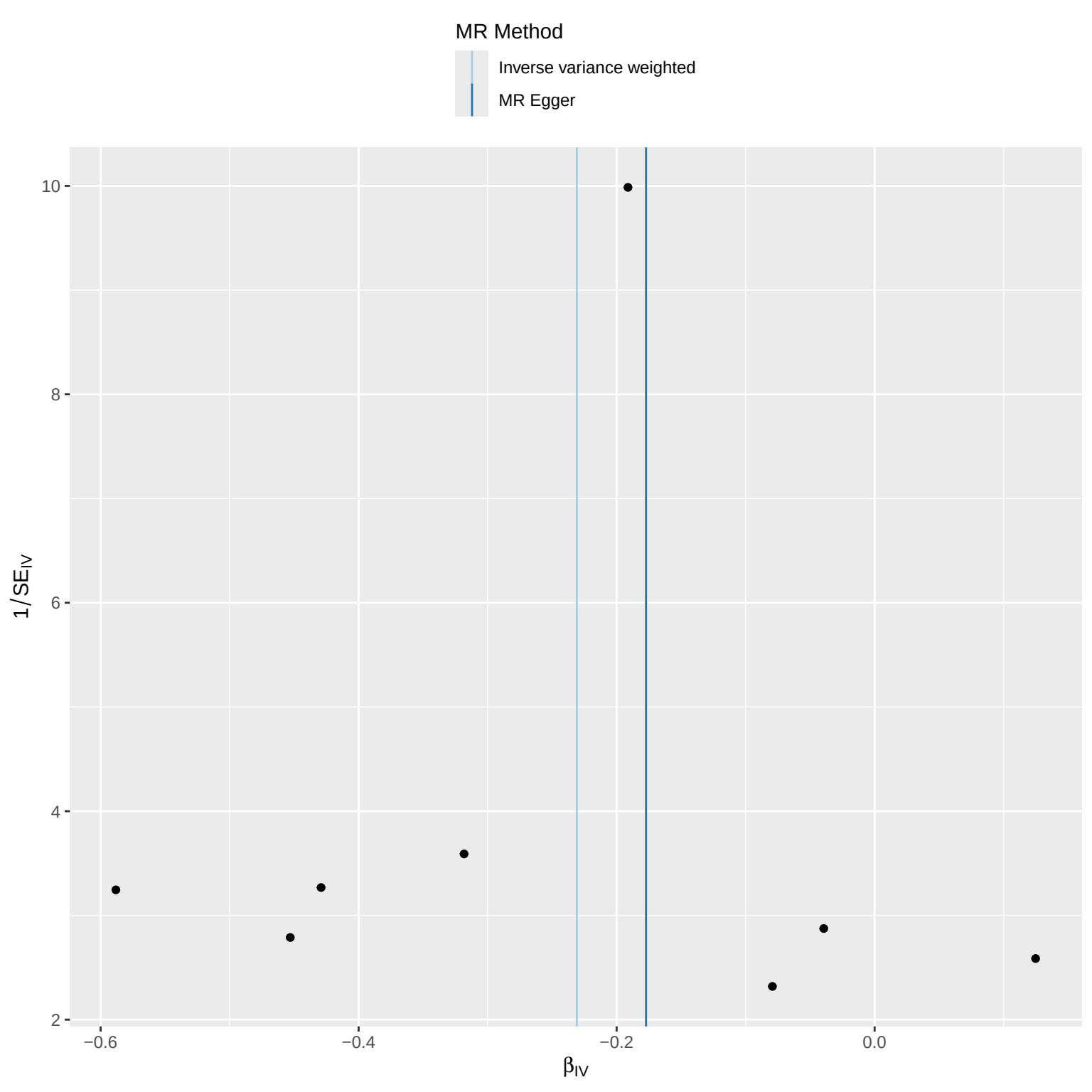

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
0
1
β_IV

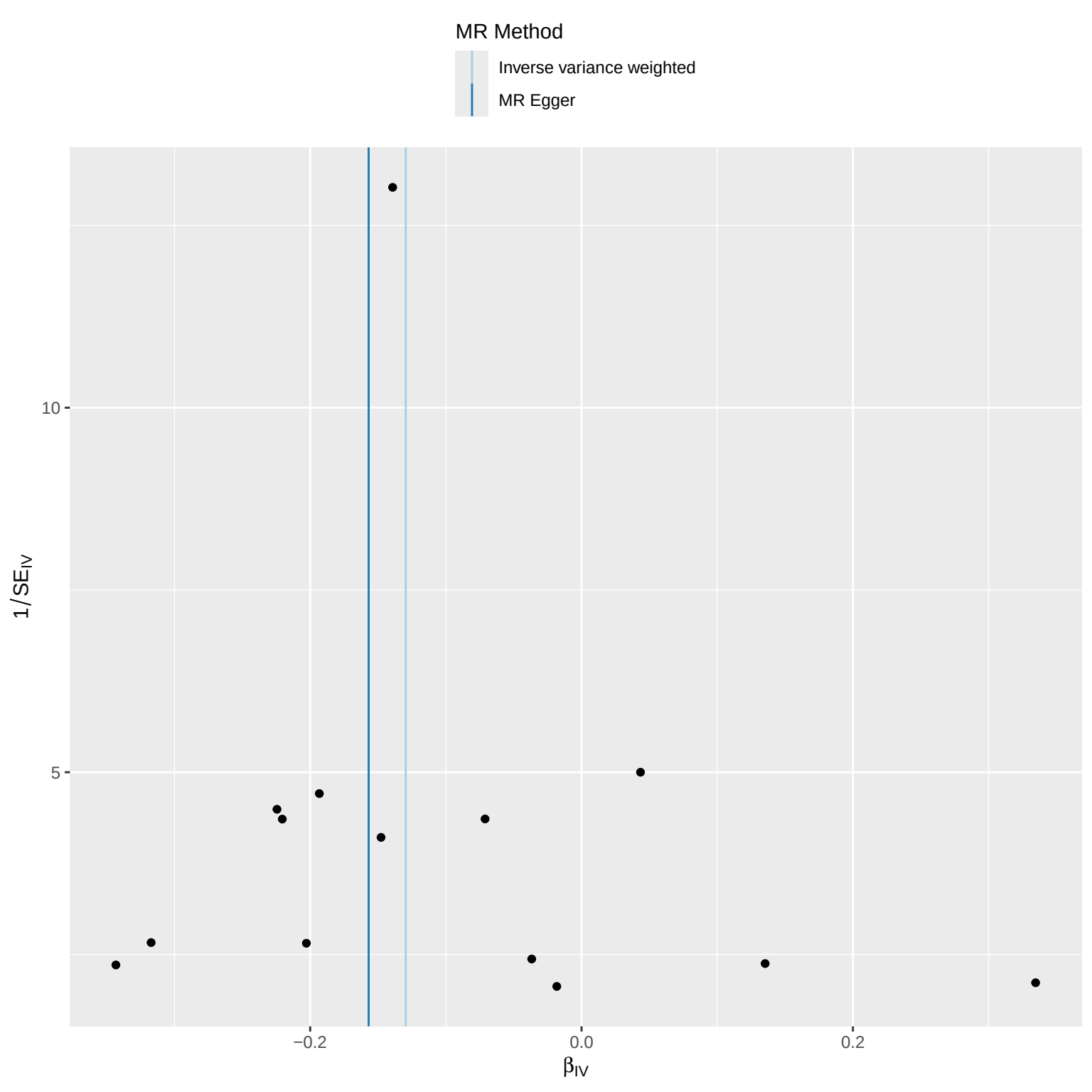

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

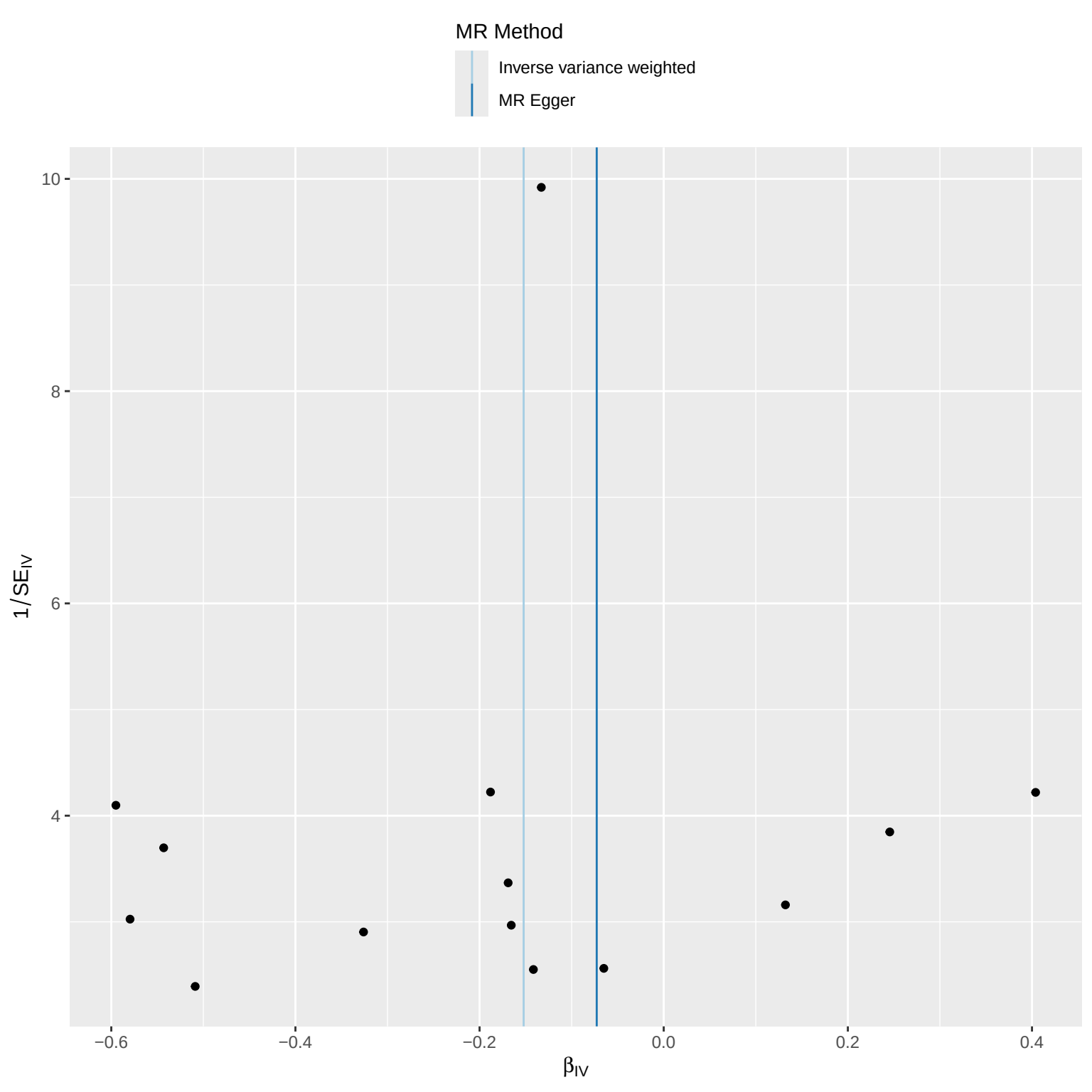

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
0.00
0.25
0.50
β_IV

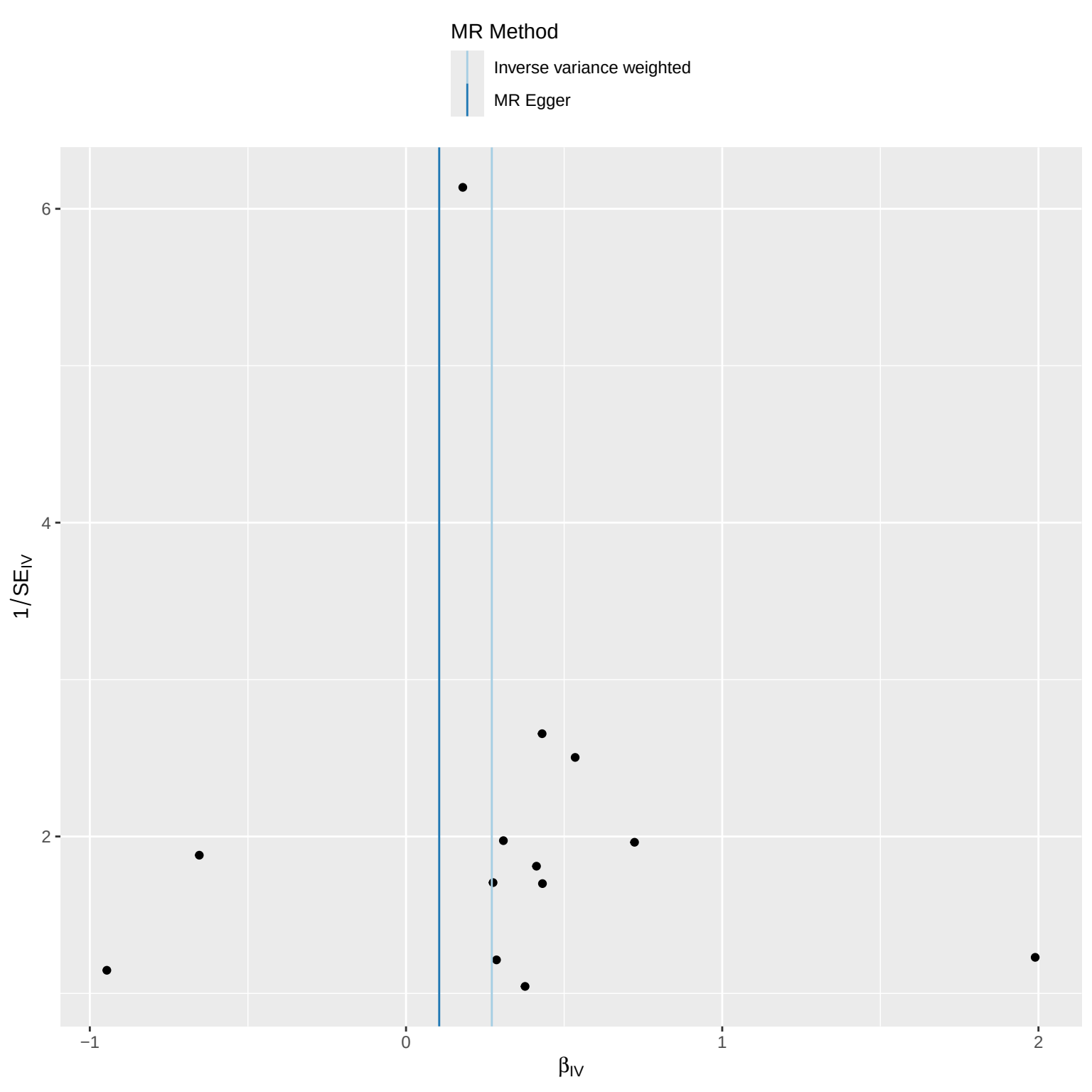

MR Method
Inverse variance weighted
MR Egger
20
15
10
5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

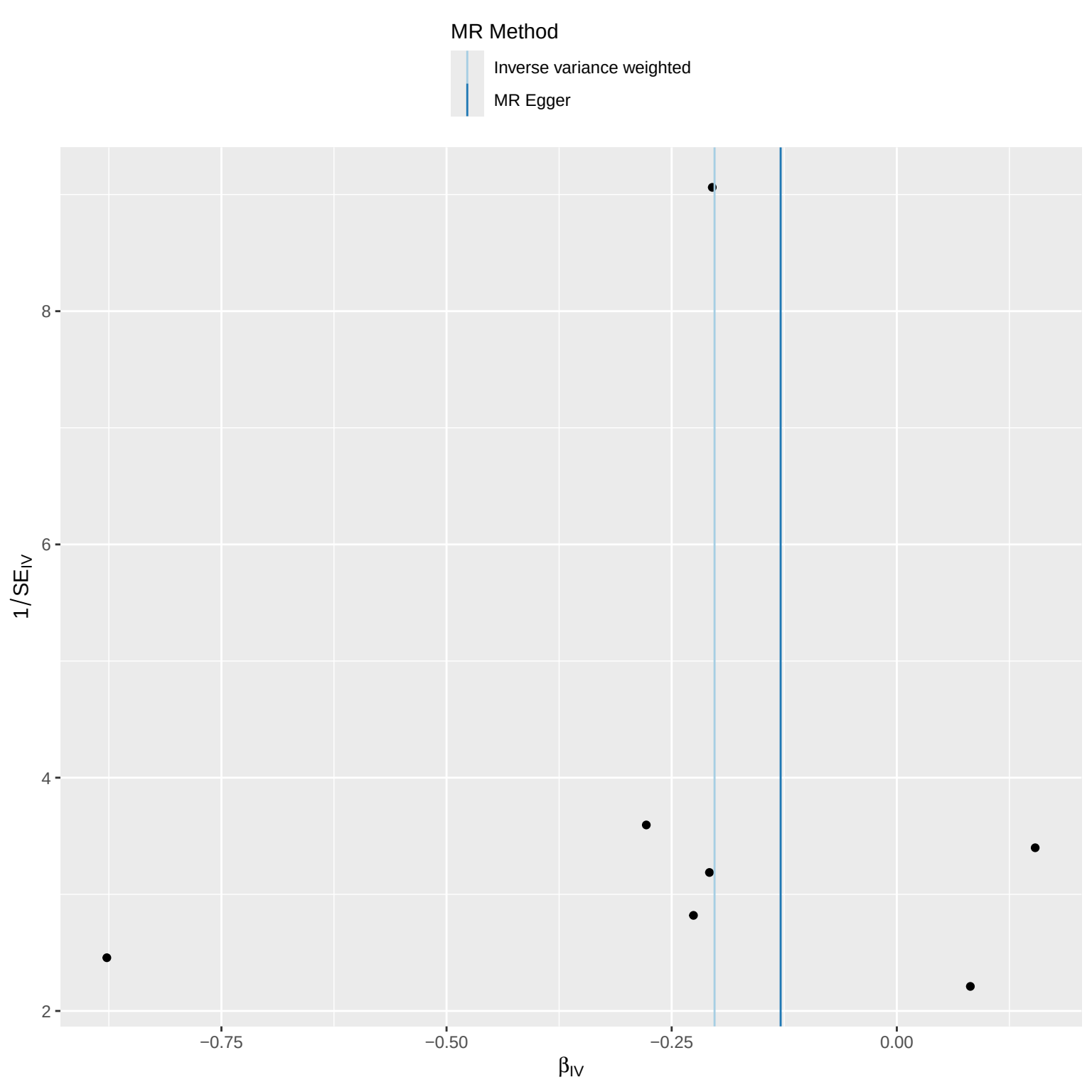

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
0.0
0.2
0.4
β_IV

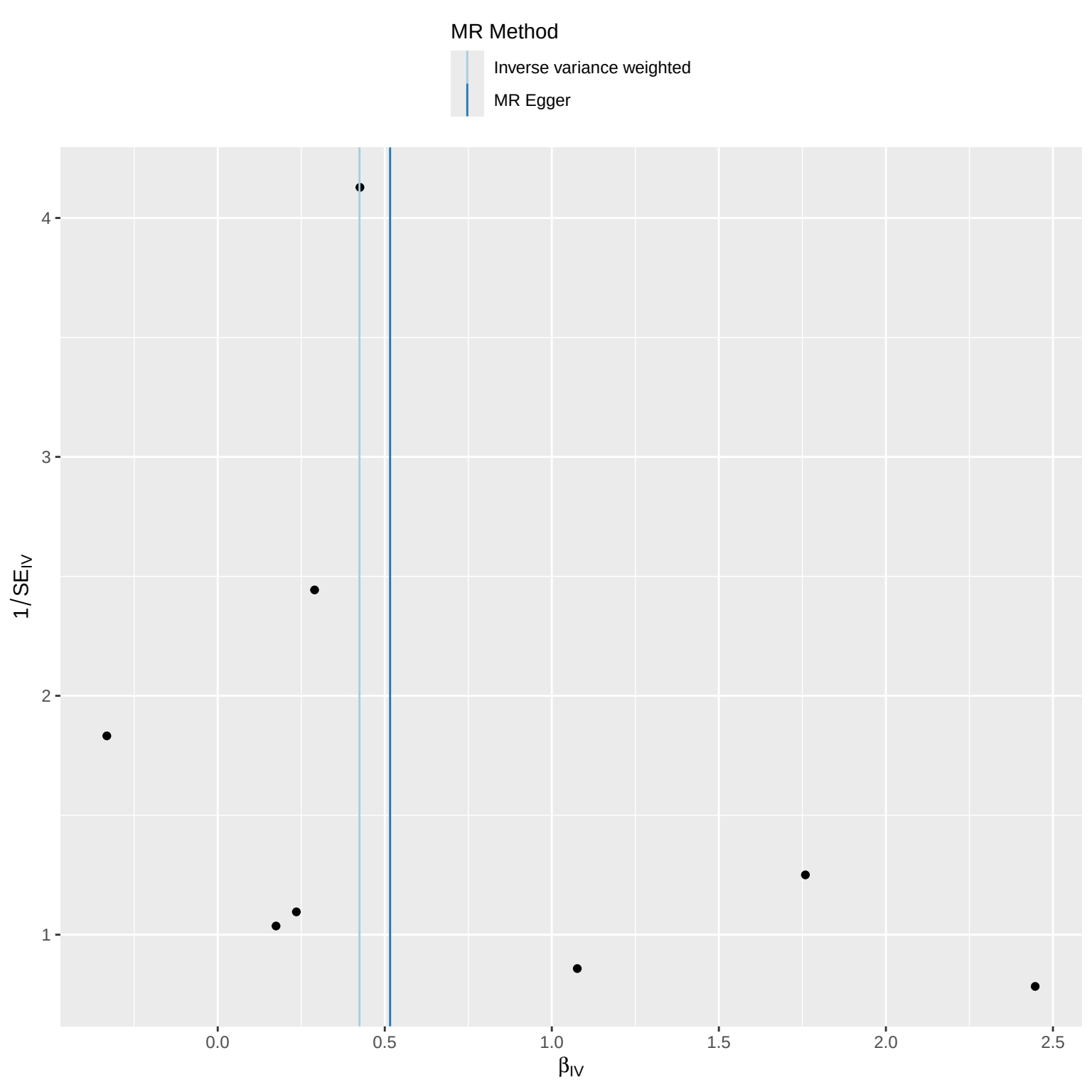

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

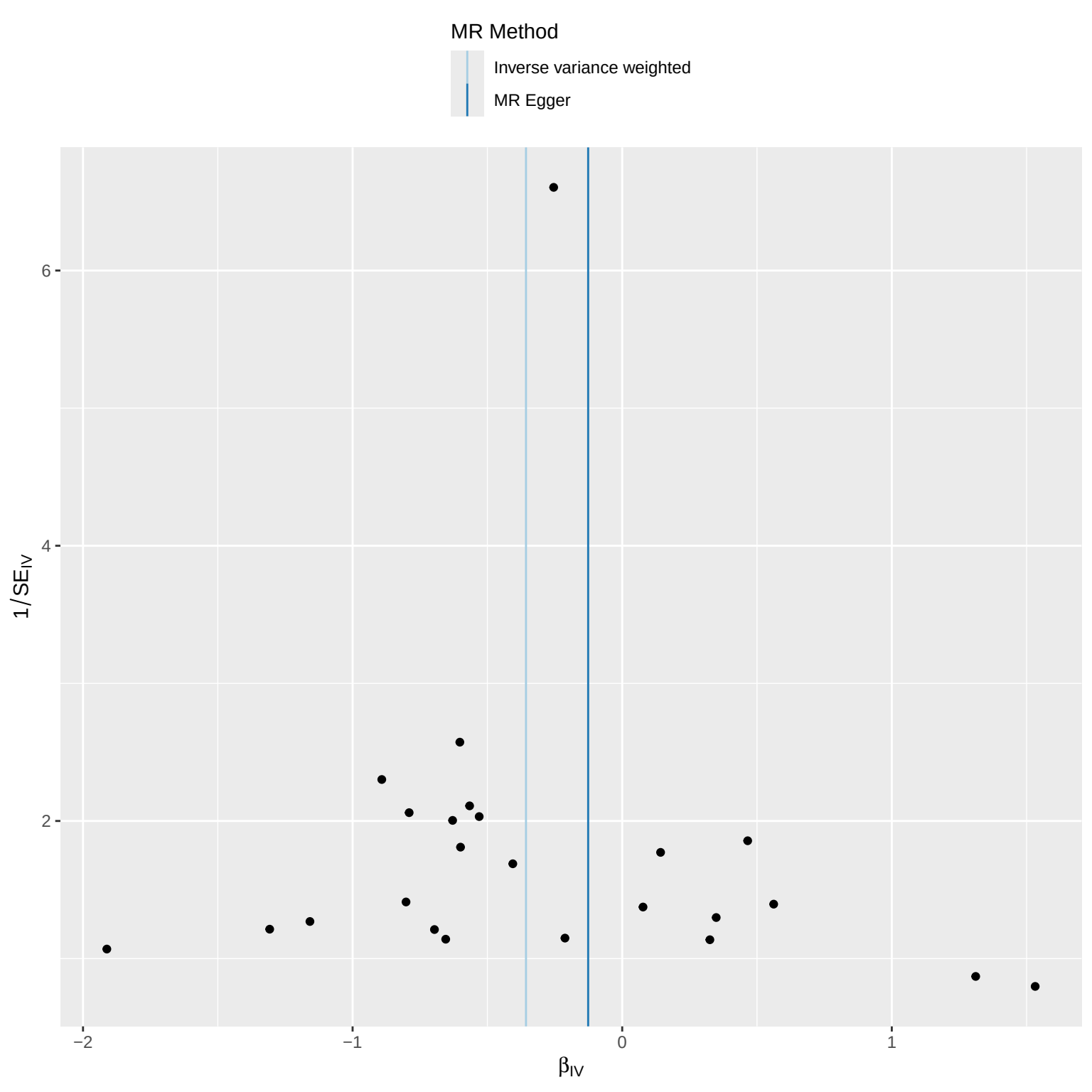

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.2
0.0
0.2
β_IV

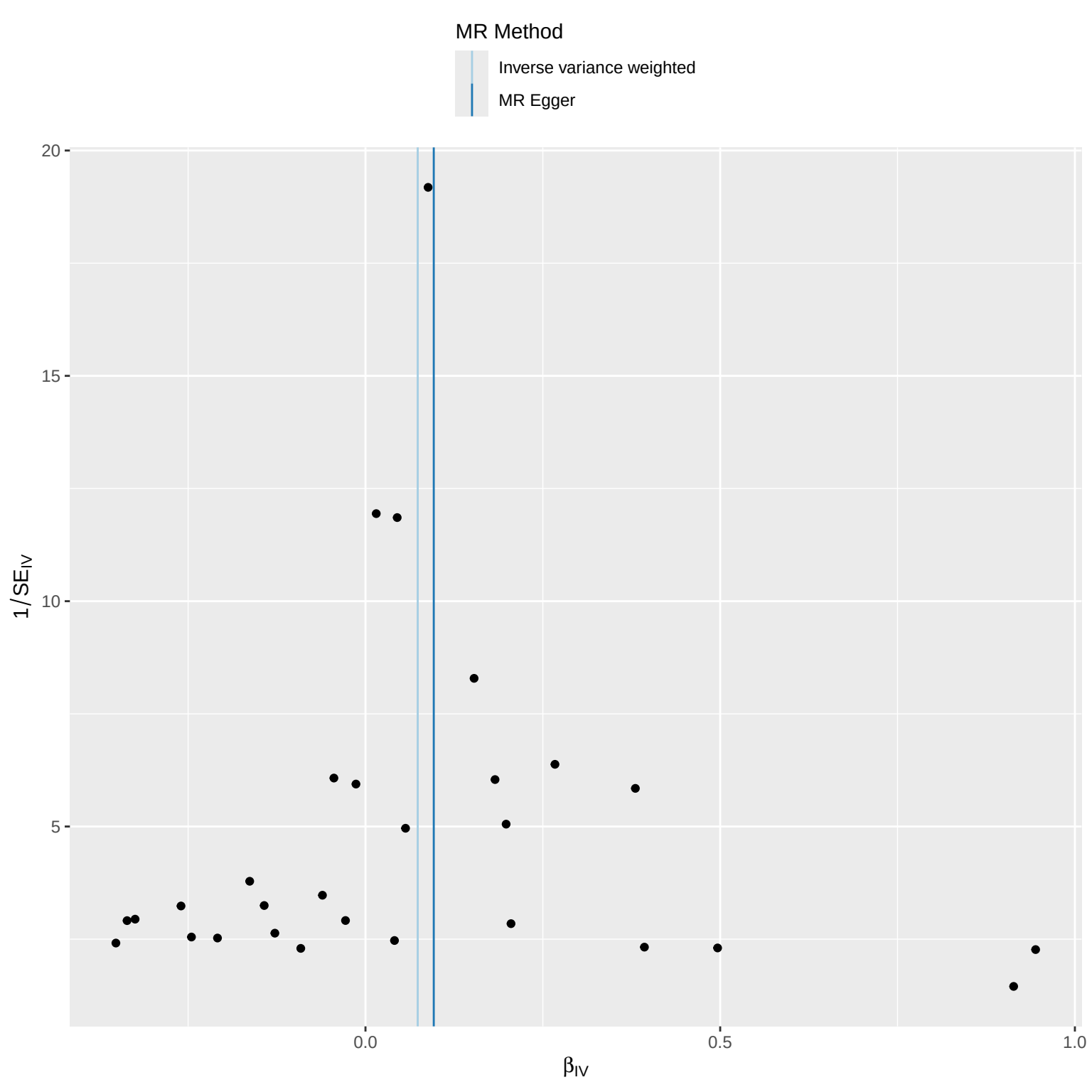

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
0.4
β_IV

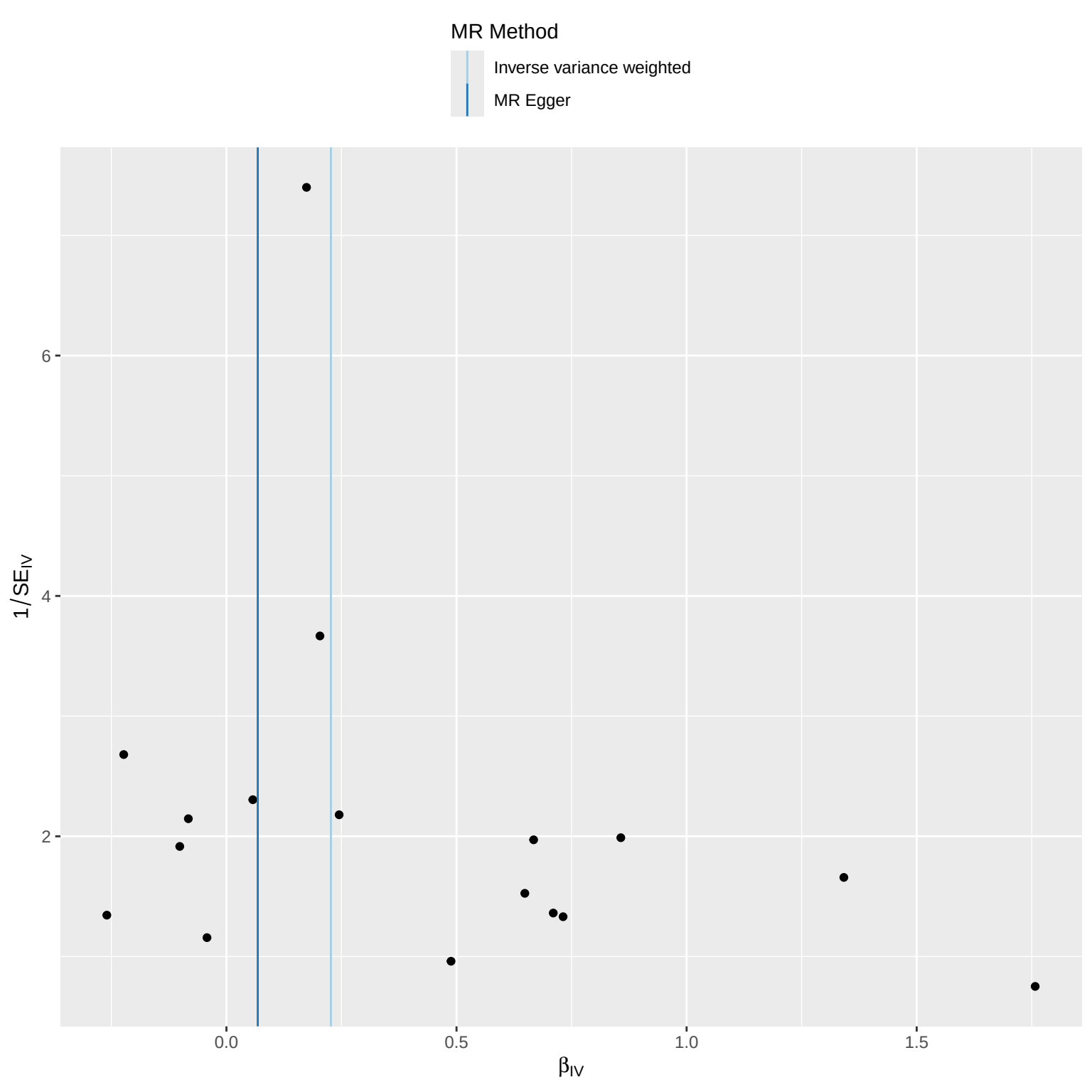

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

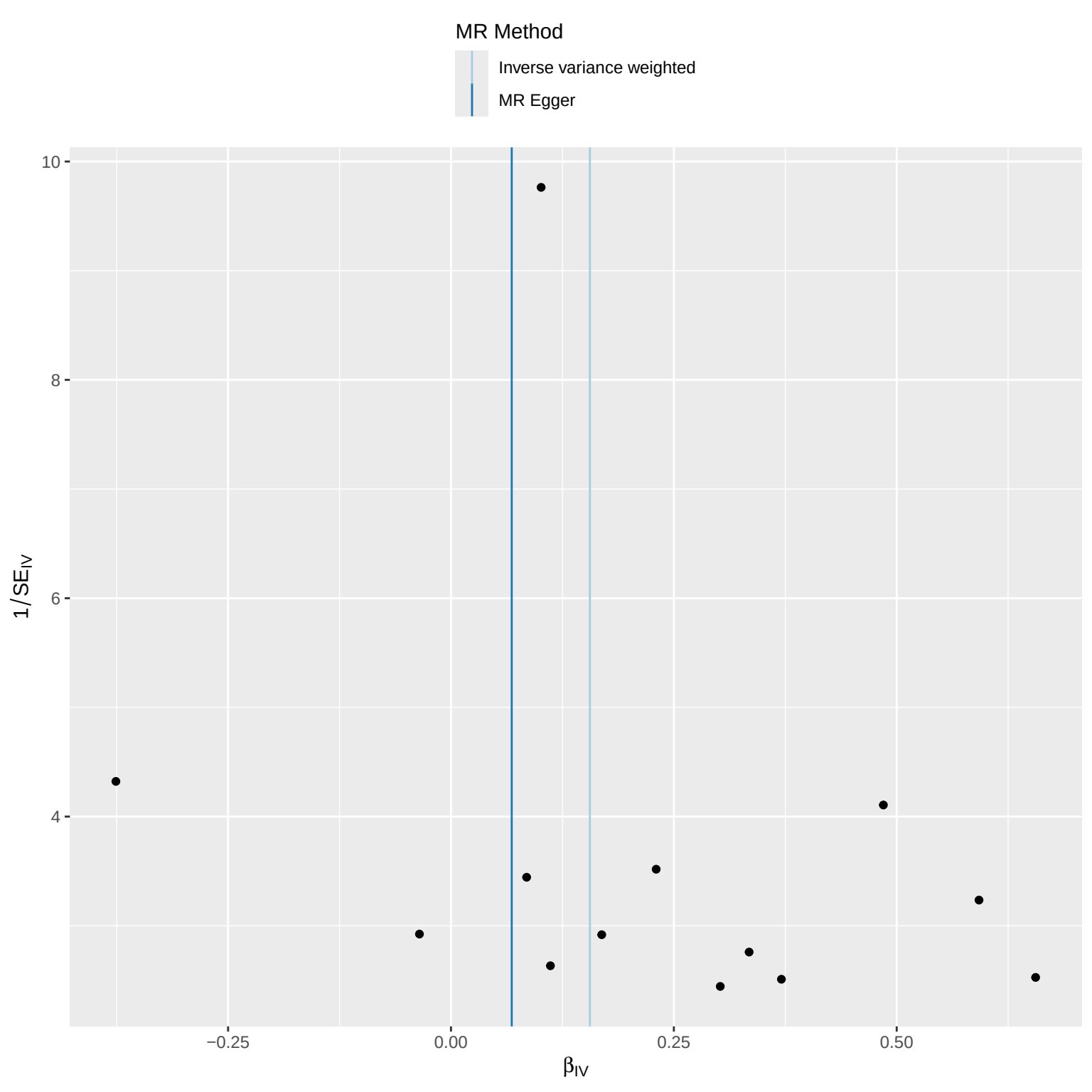

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

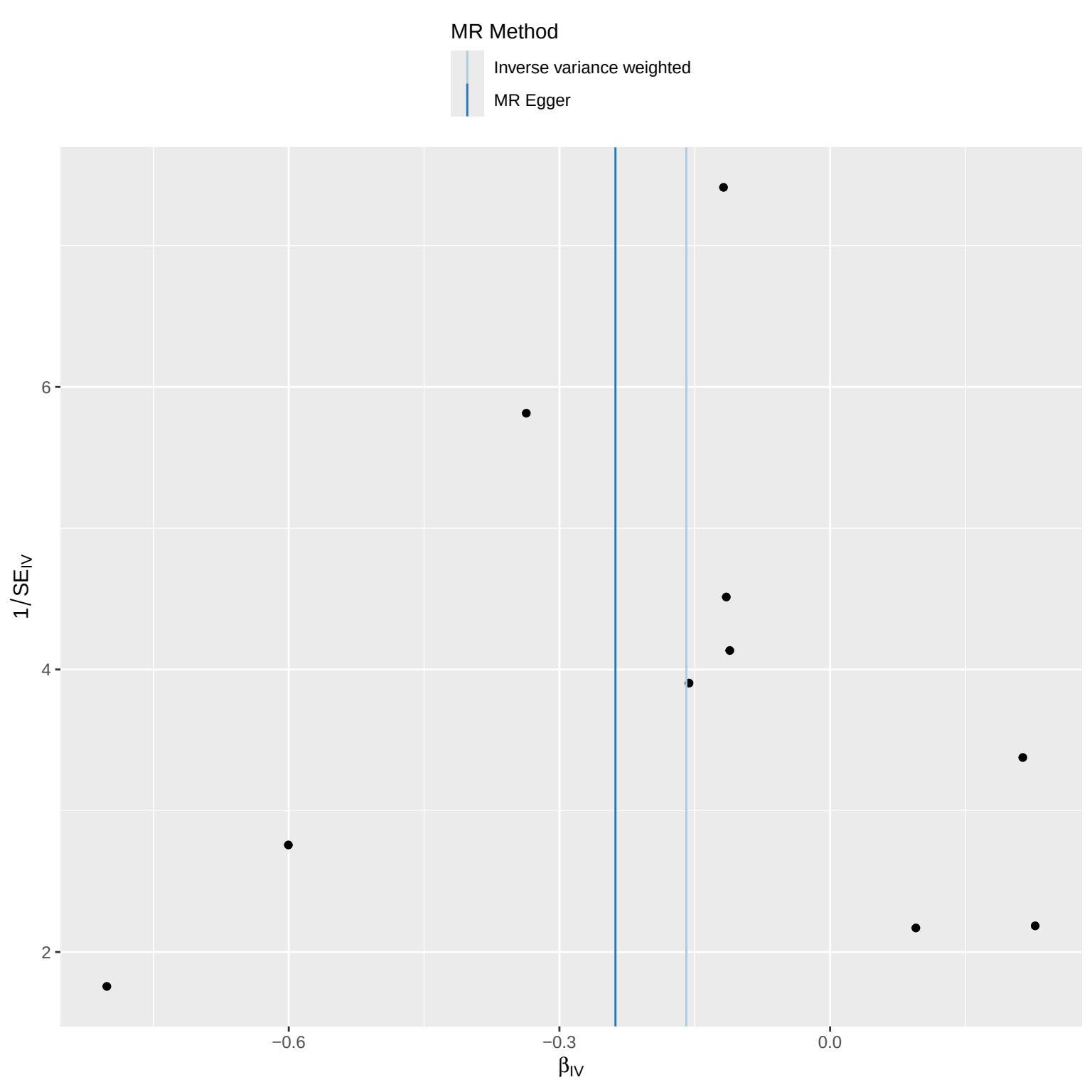

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

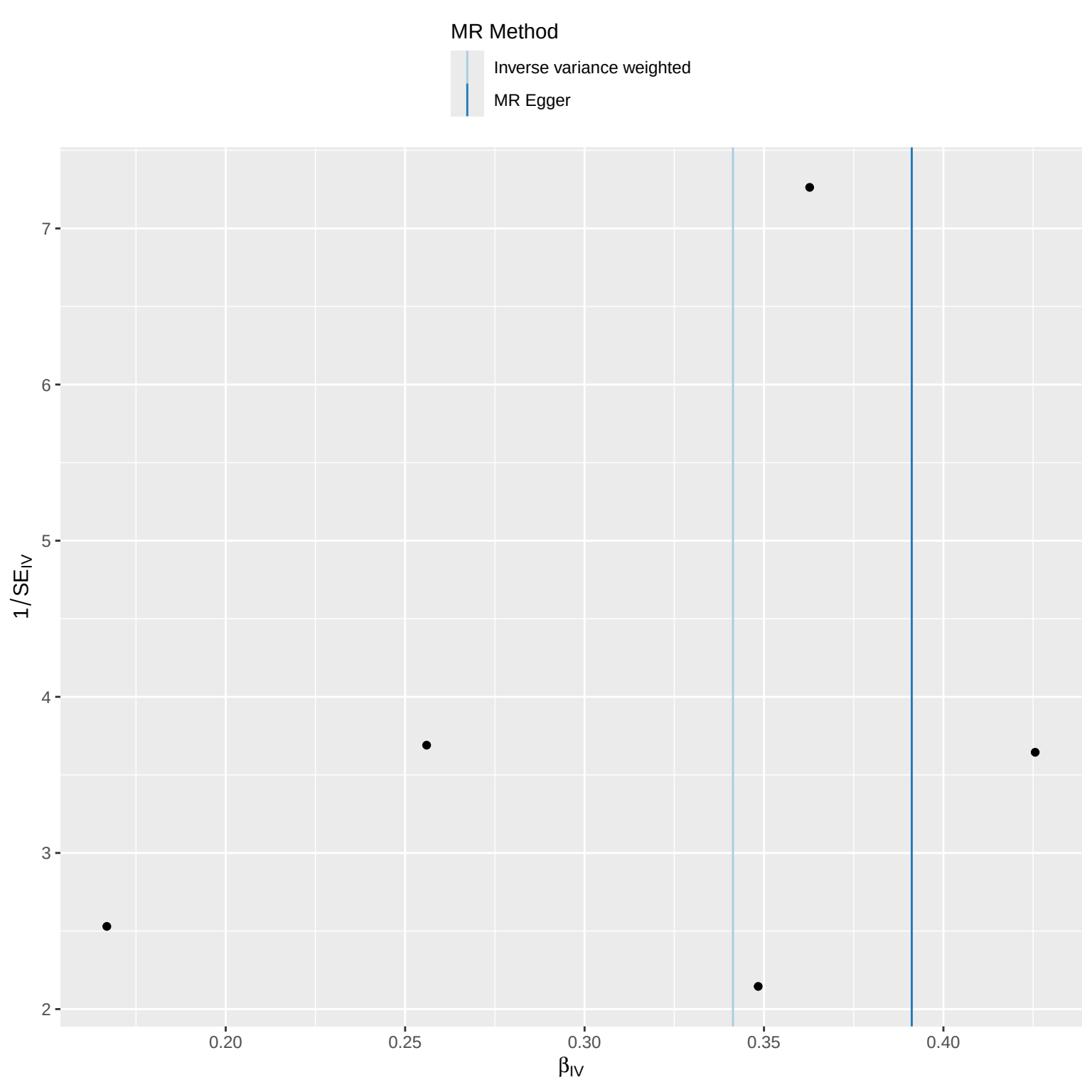

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

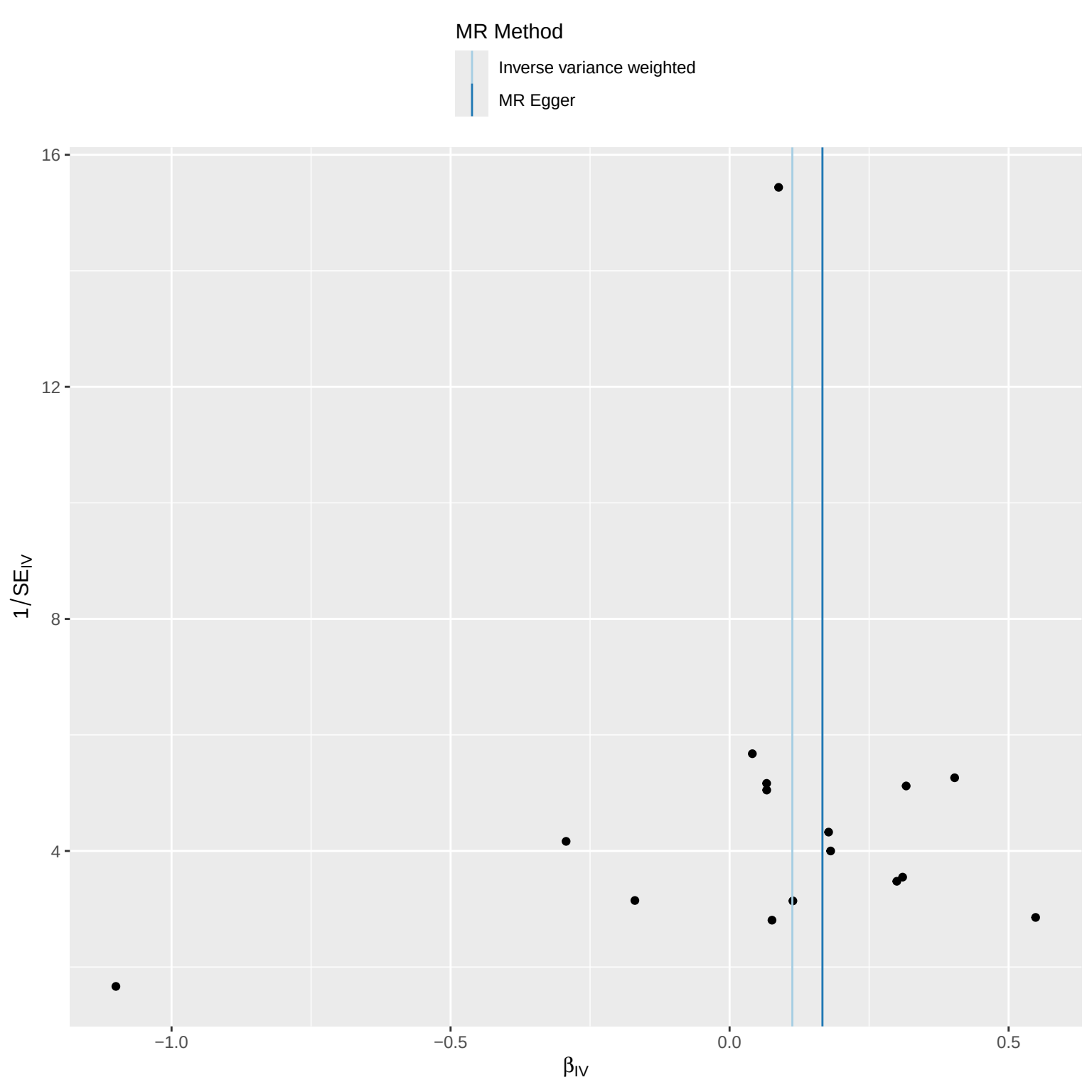

MR Method
Inverse variance weighted
MR Egger
20
15
10
5
1/SE_IV
0.0
0.5
1.0
β_IV

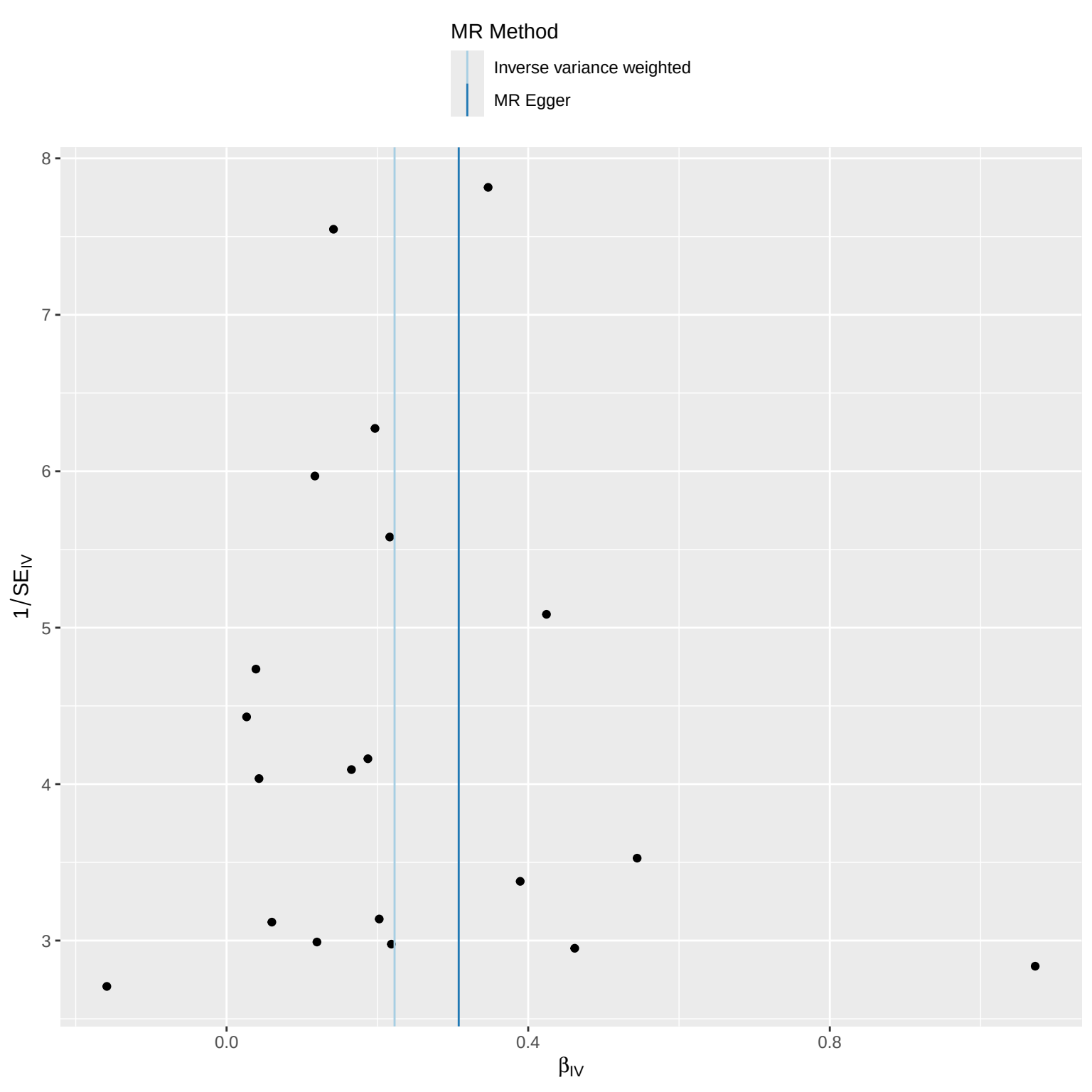

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

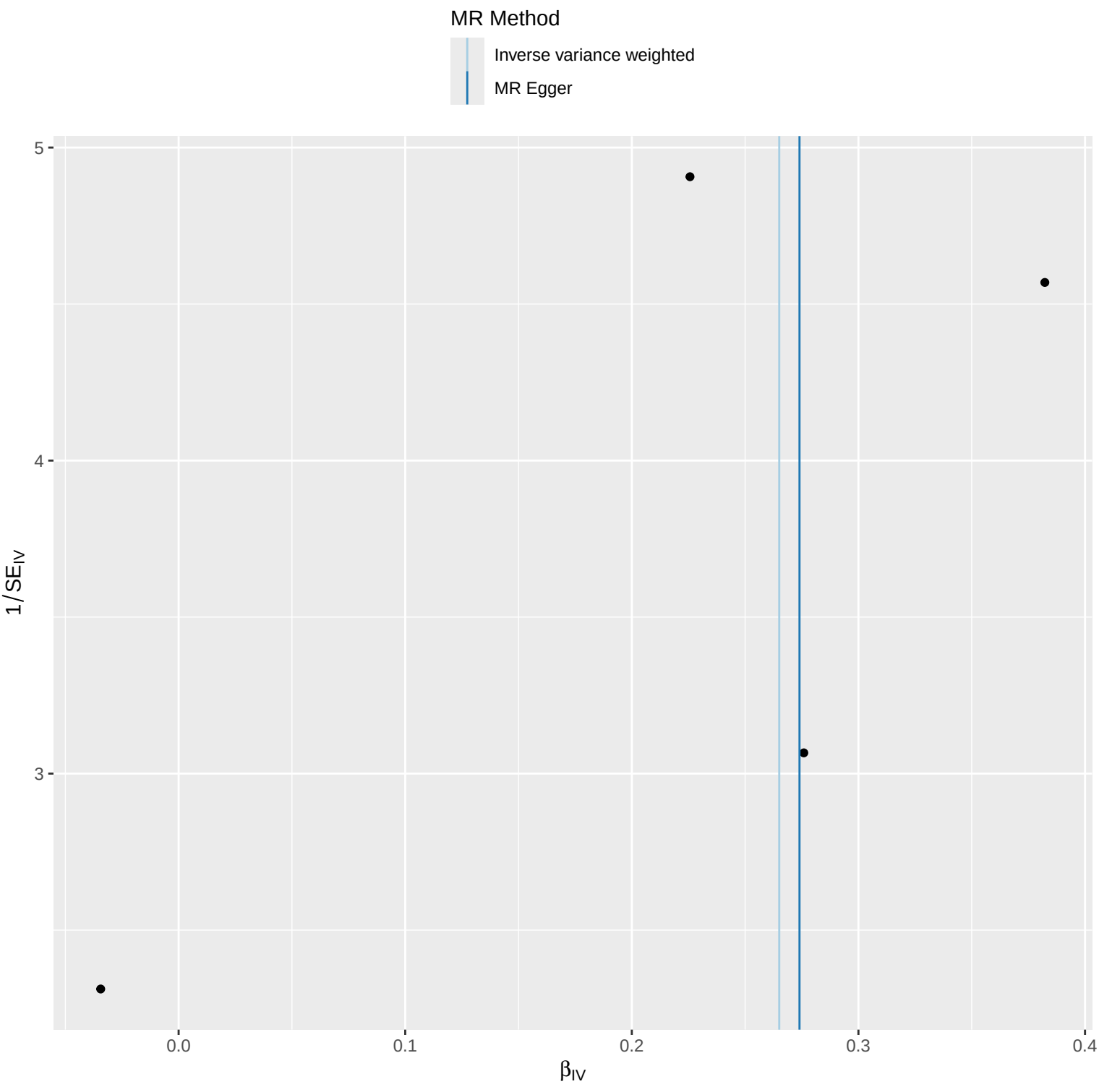

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

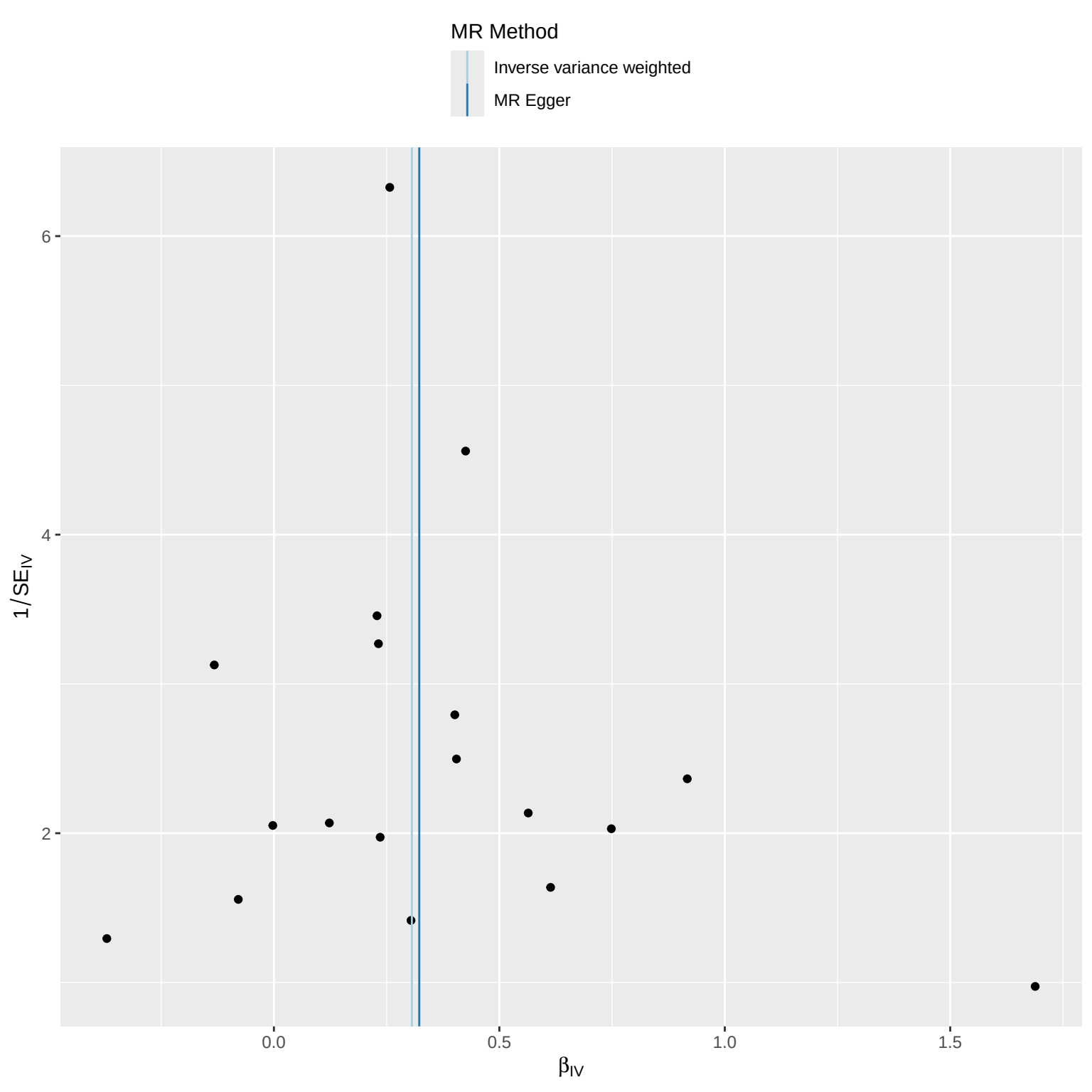

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.6
−0.3
0.0
β_IV

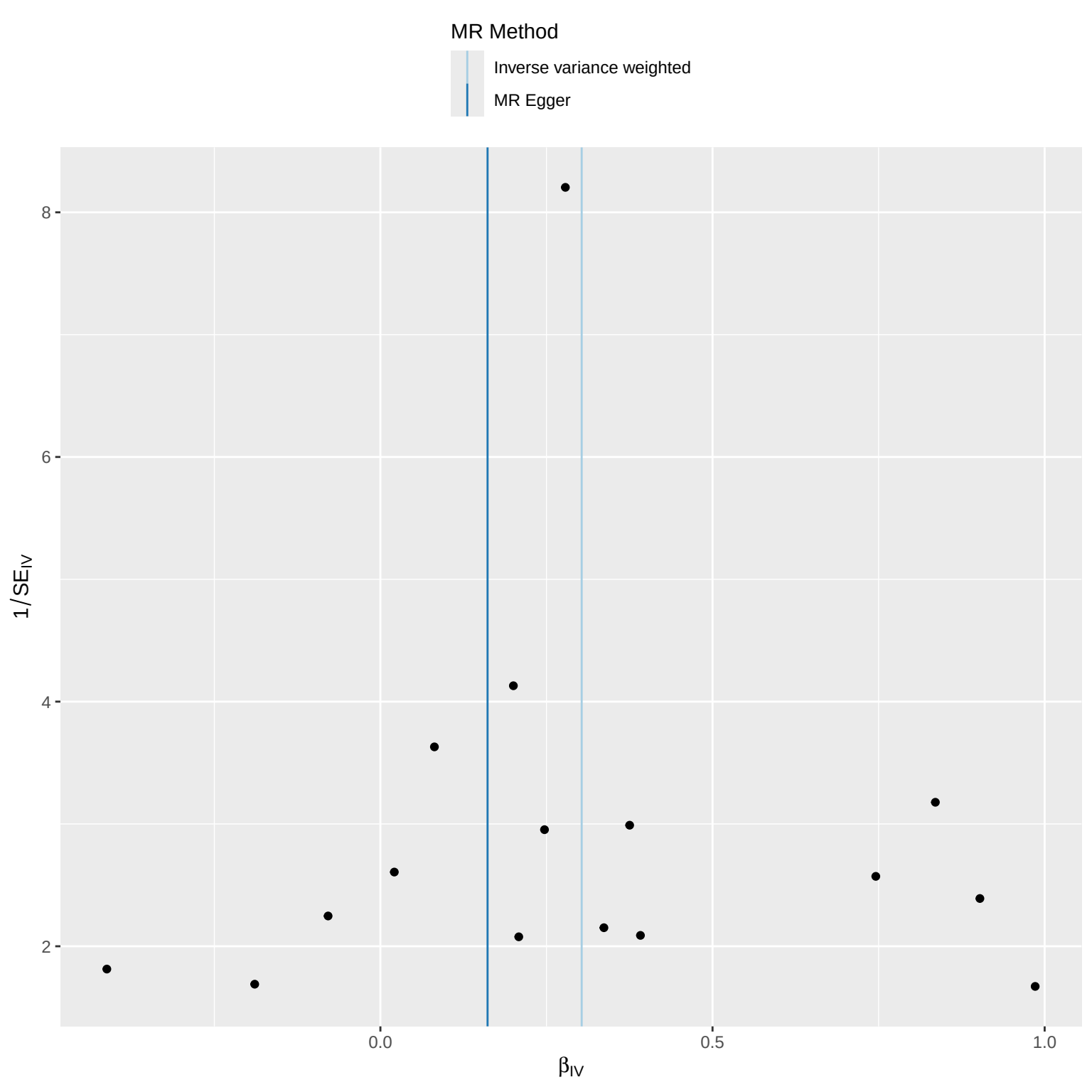

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
0.20
0.25
0.30
0.35
0.40
β_IV

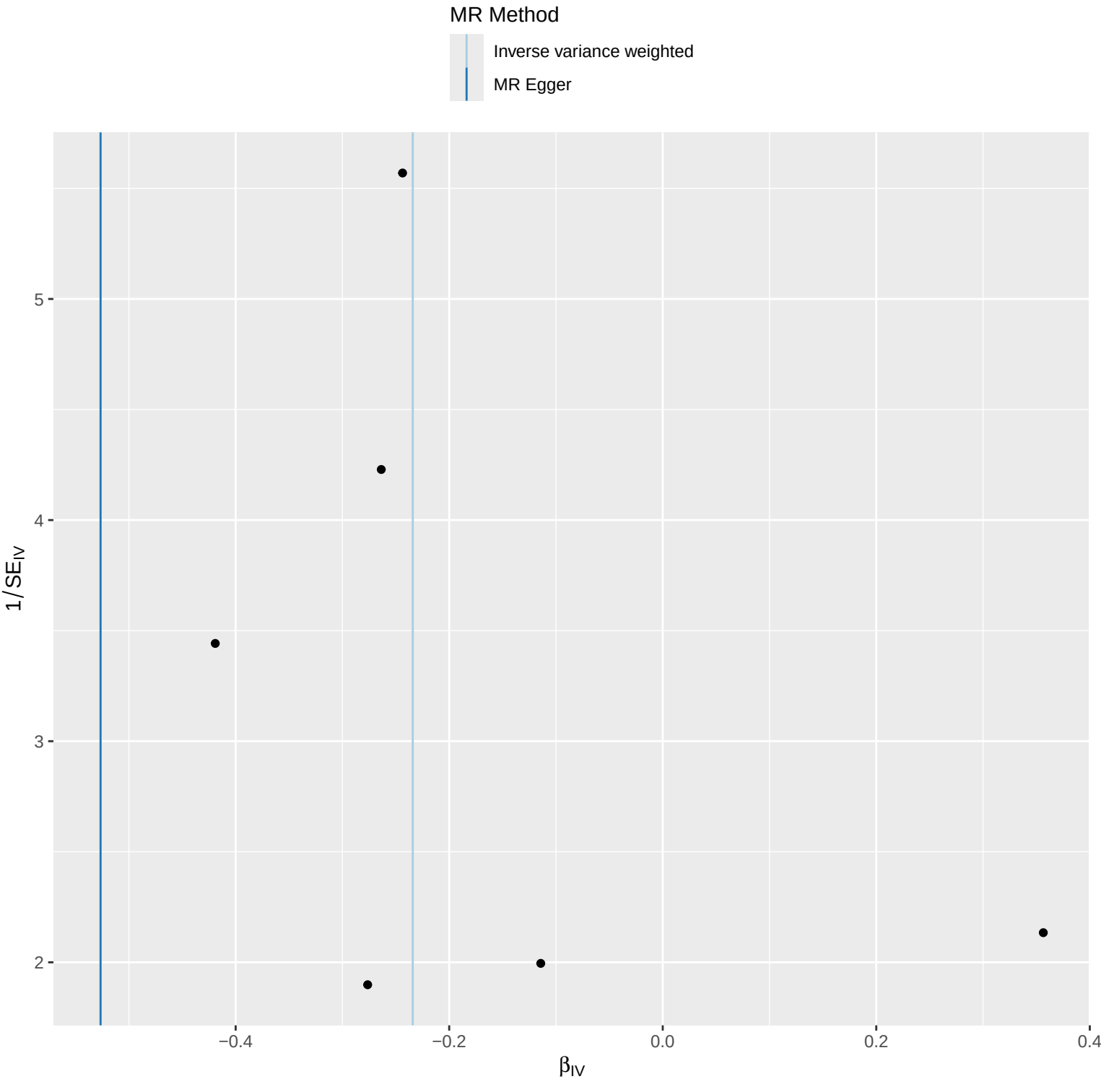

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

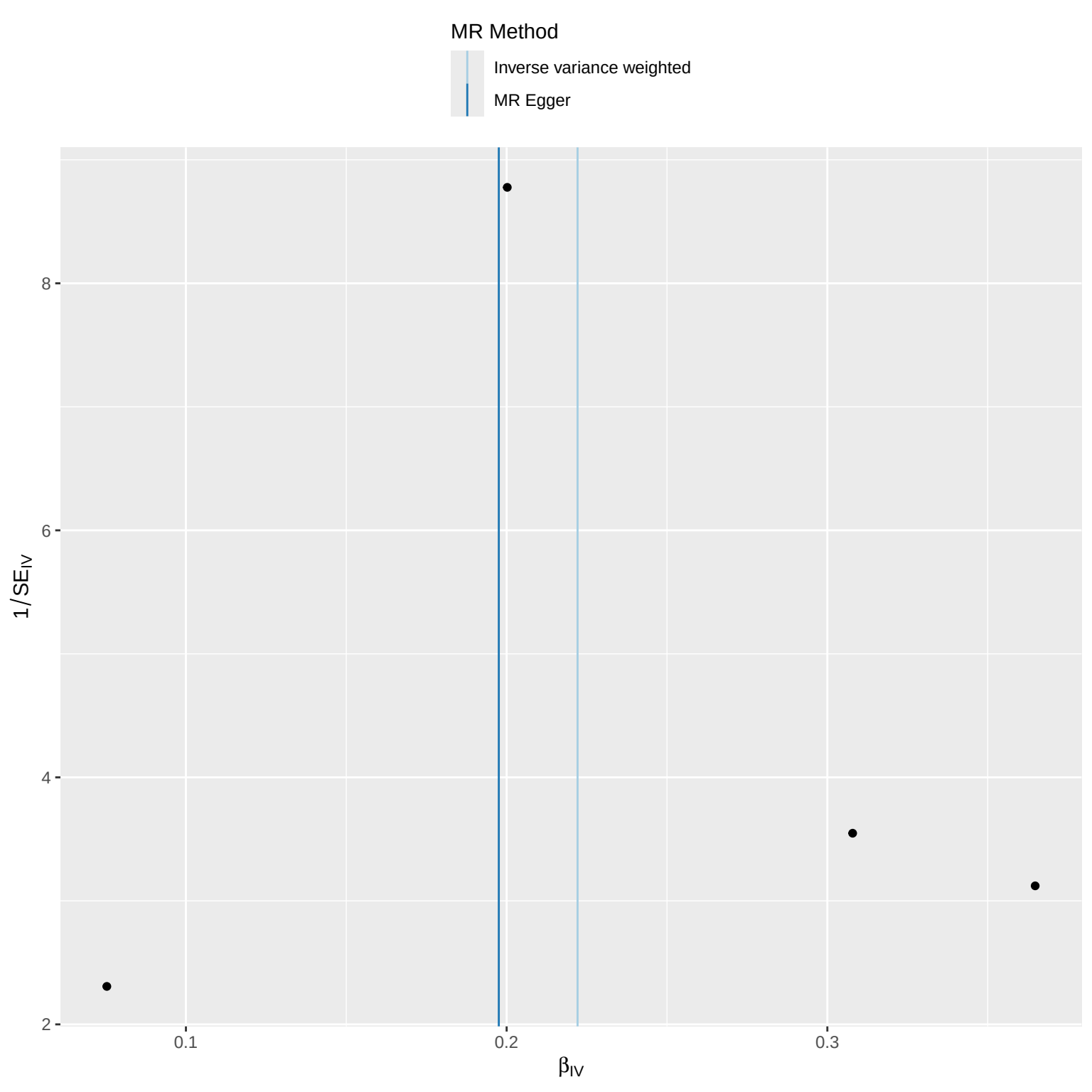

MR Method
Inverse variance weighted
MR Egger
8
7
6
5
4
3
1/SE_IV
0.0
0.4
0.8
β_IV

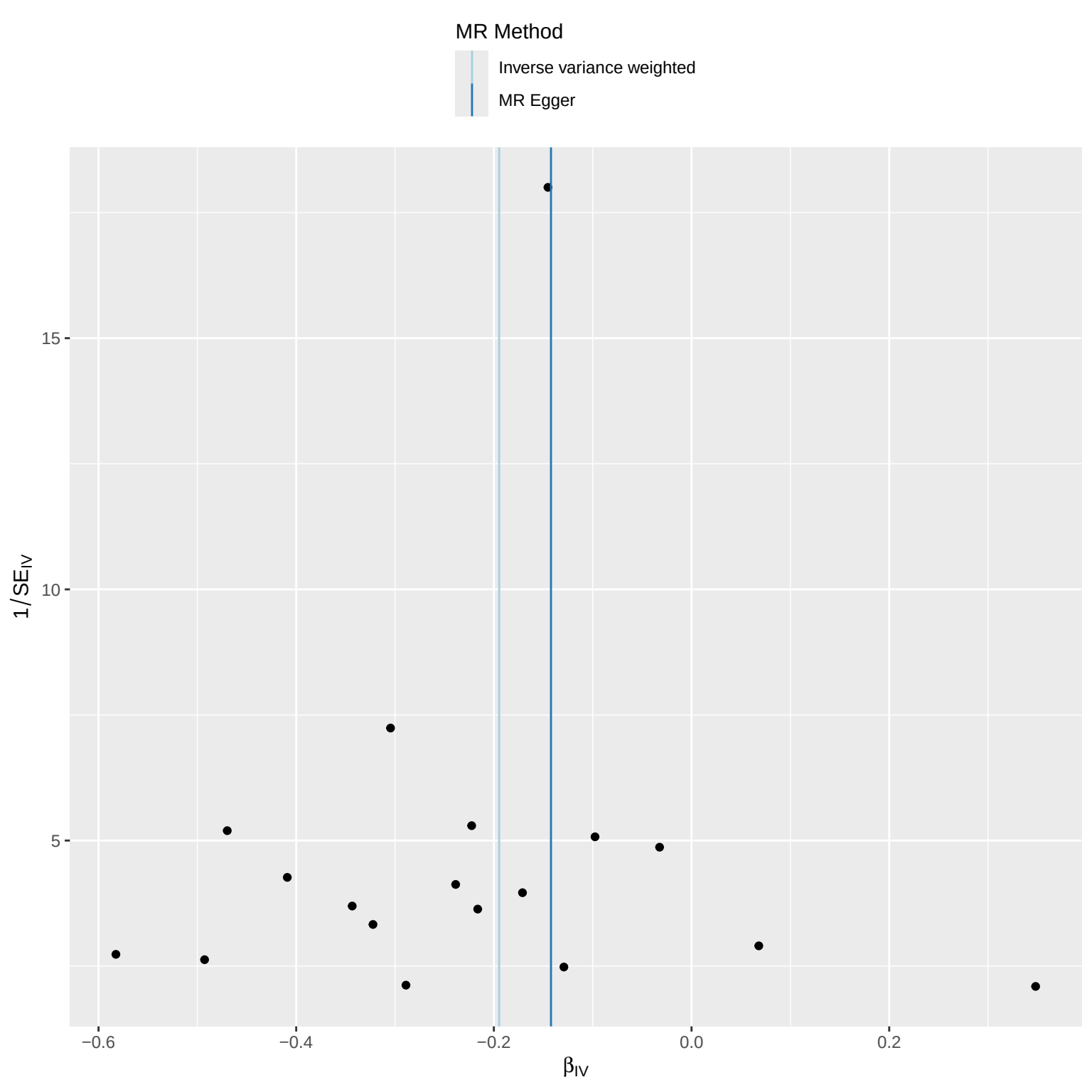

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
0.0
0.1
0.2
0.3
0.4
β_IV

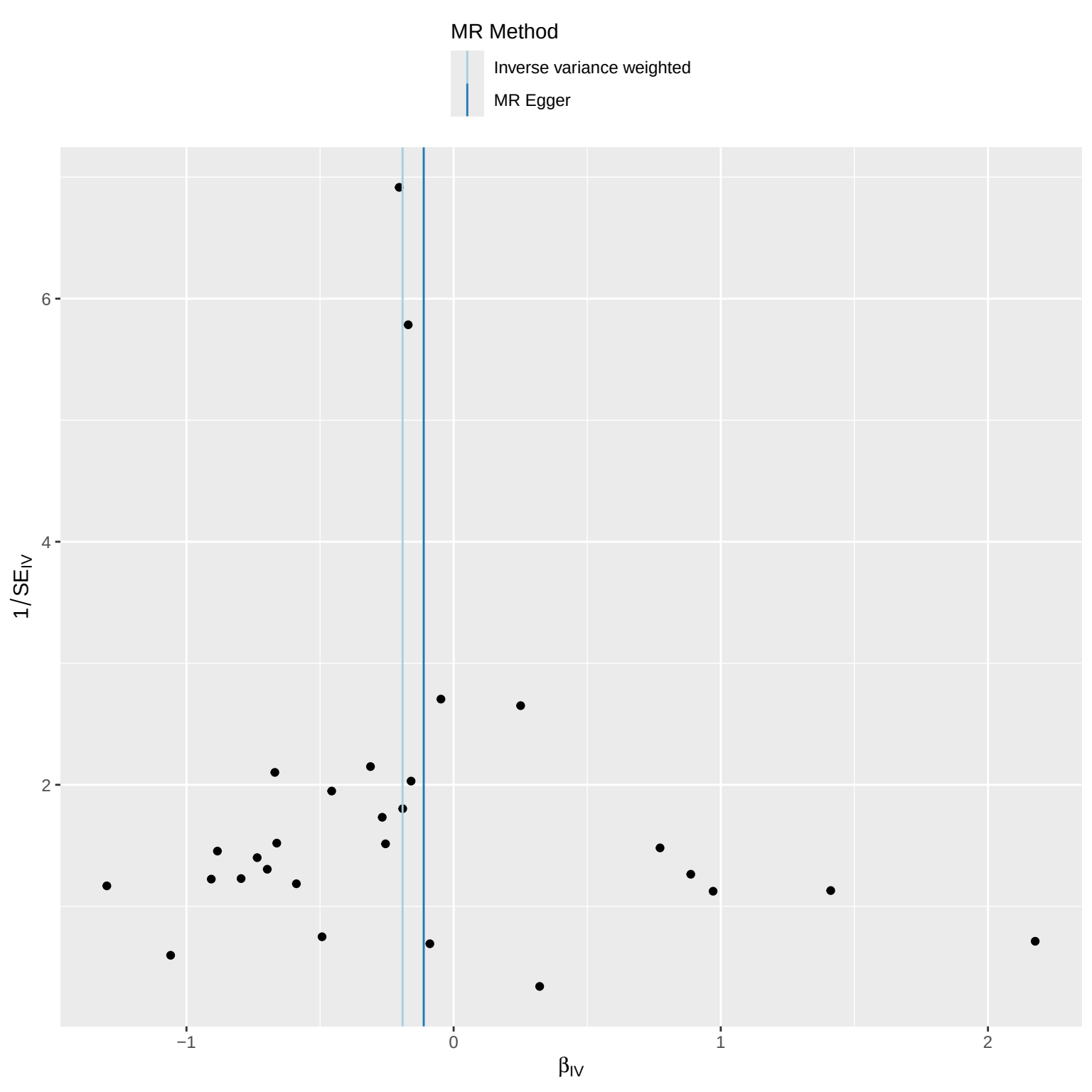

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

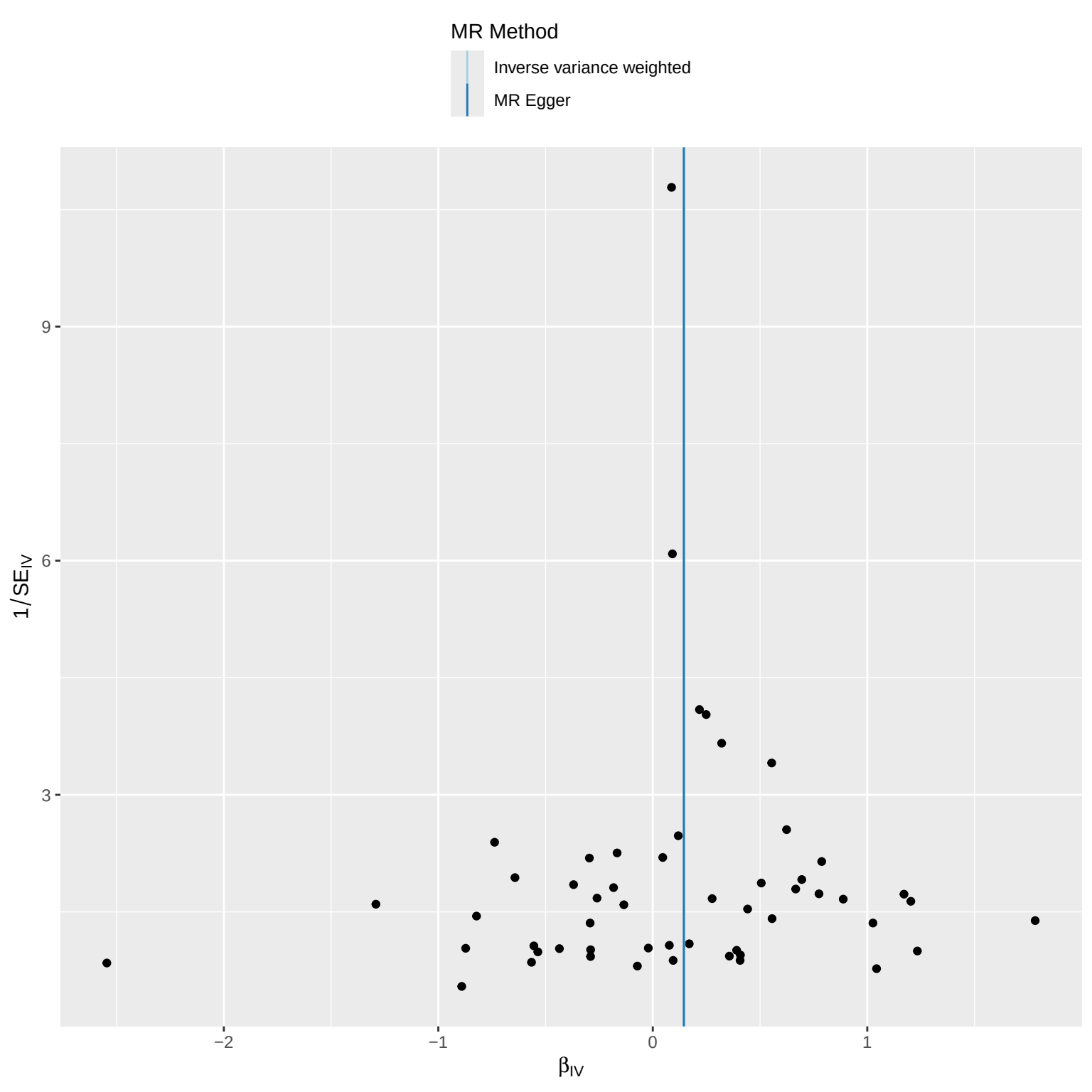

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.0
0.5
1.0
β_IV

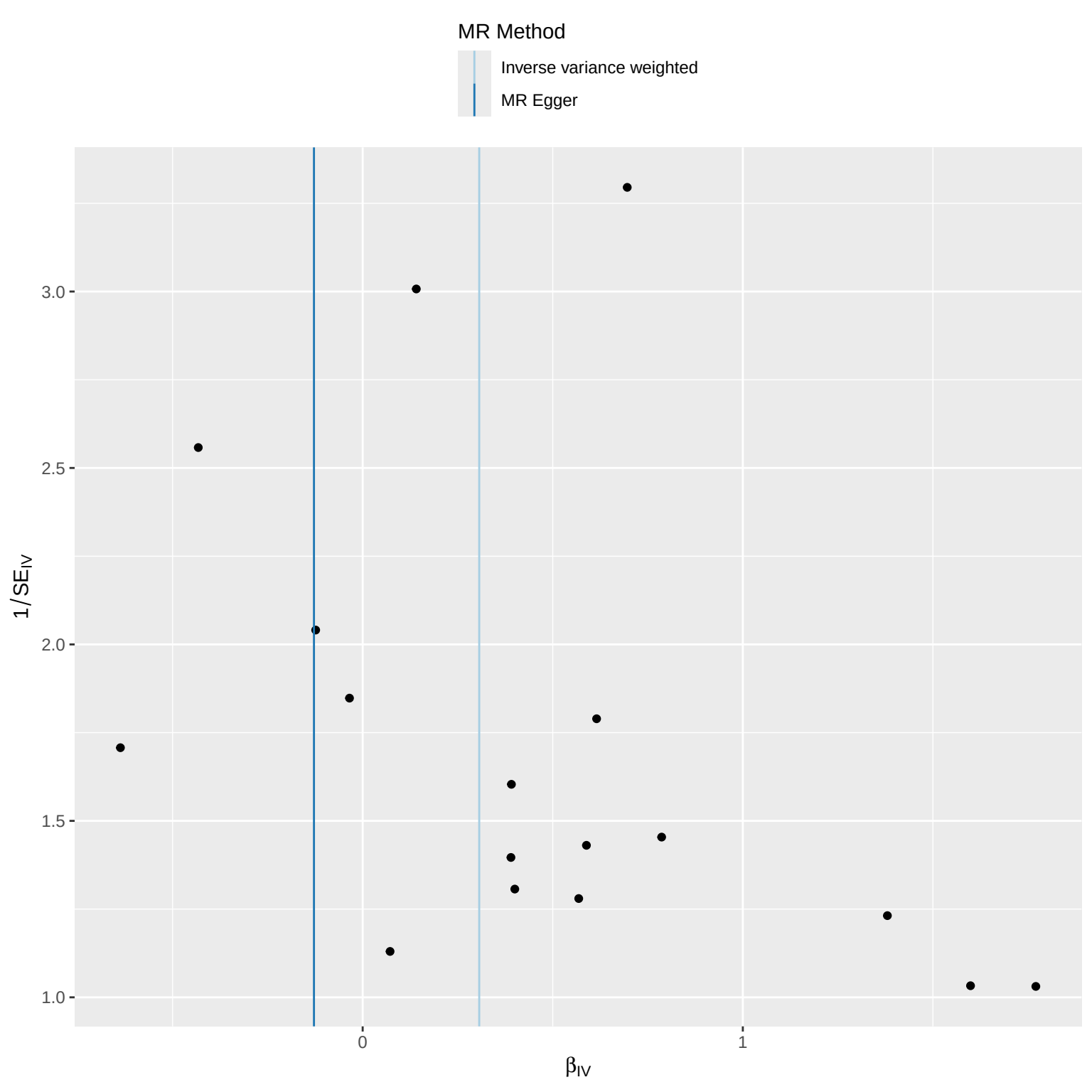

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.4
−0.2
0.0
0.2
0.4
β_IV

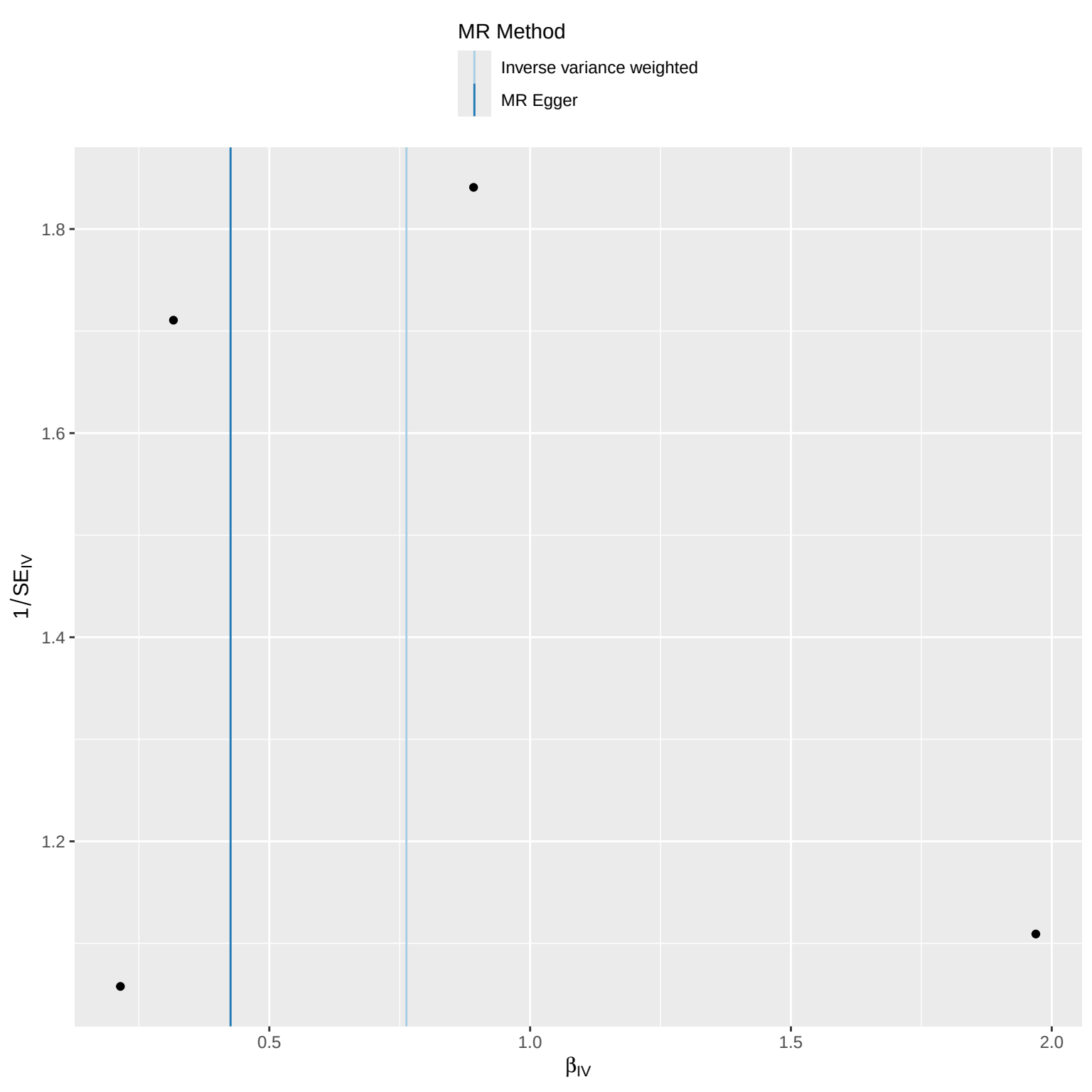

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.1
0.2
0.3
β_IV

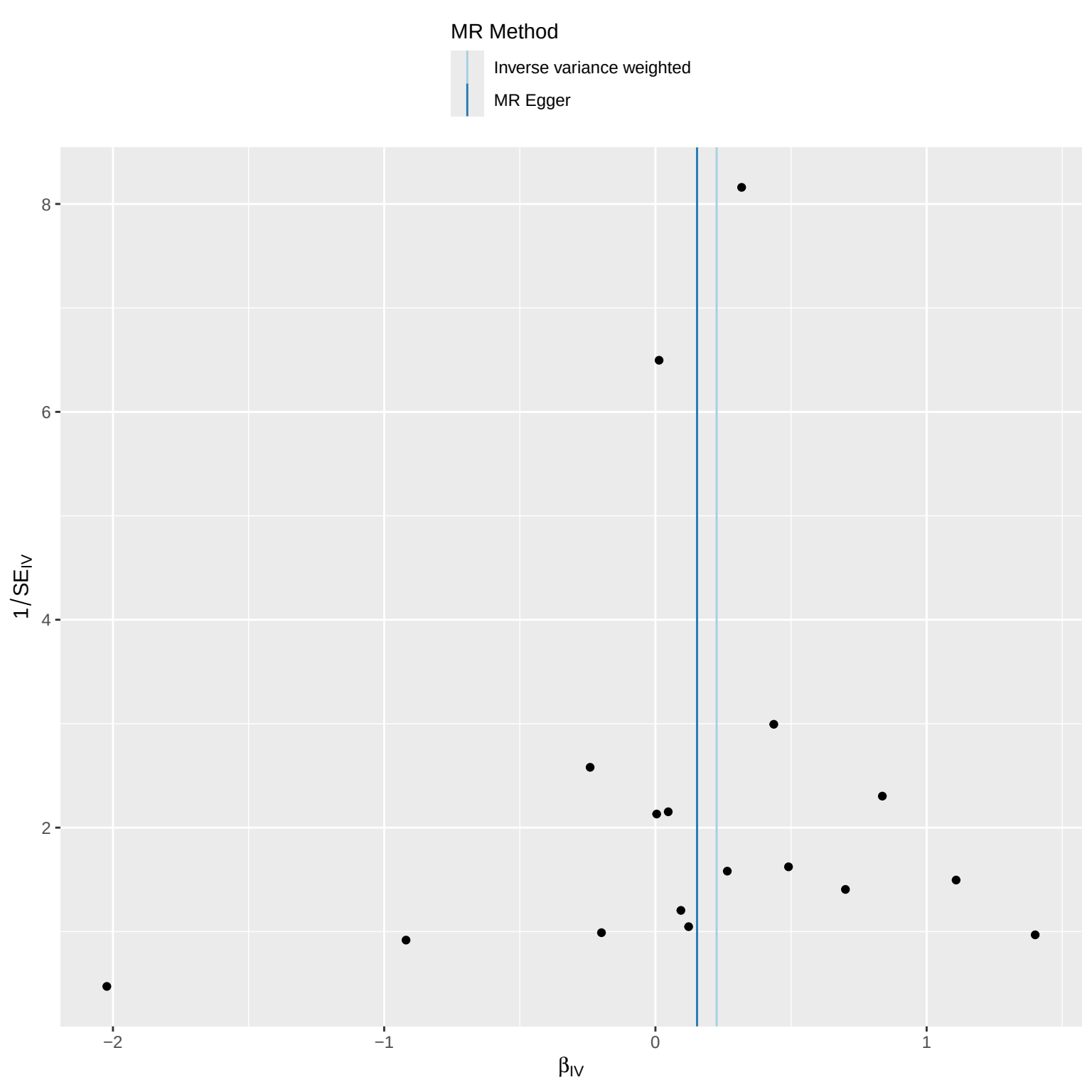

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
β_IV

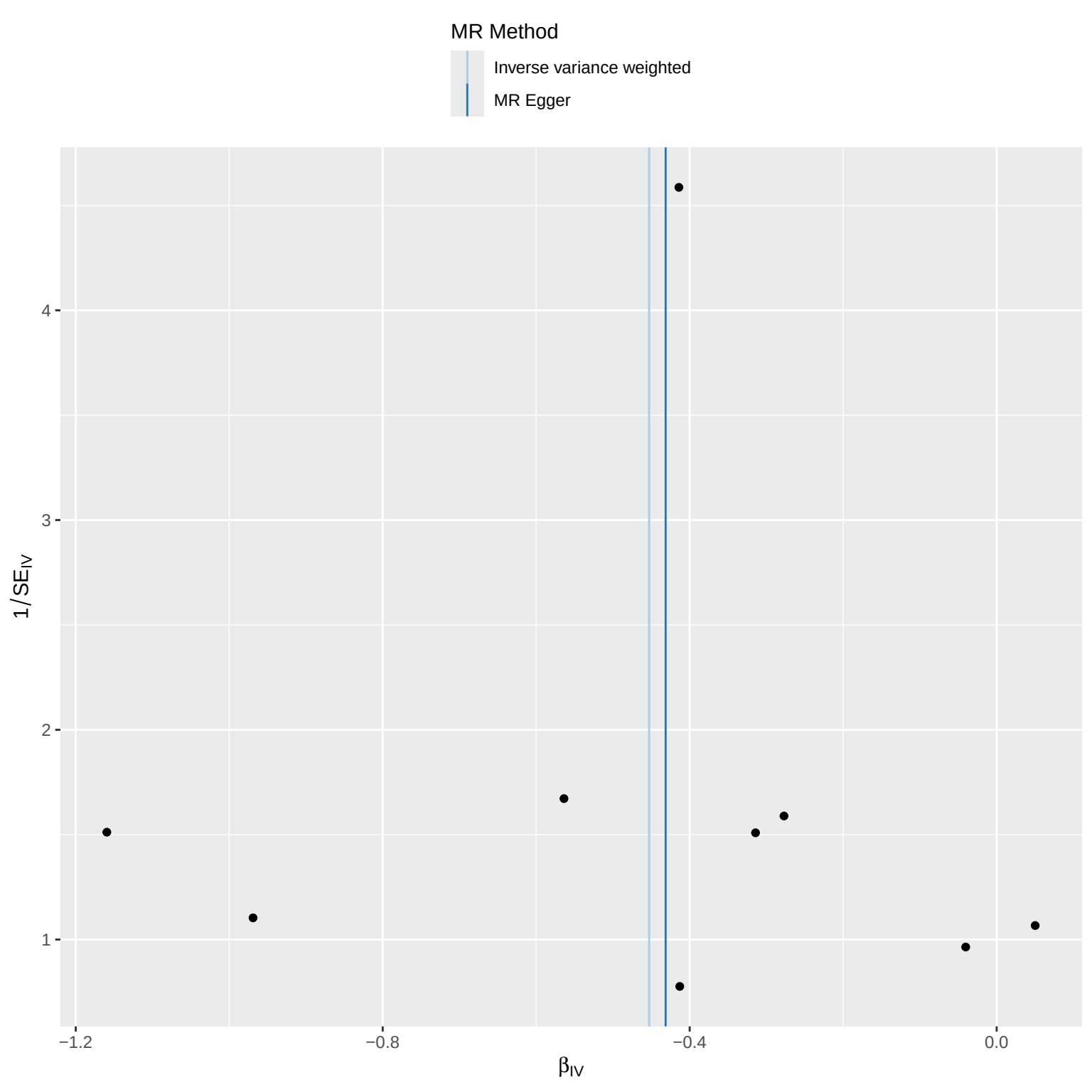

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

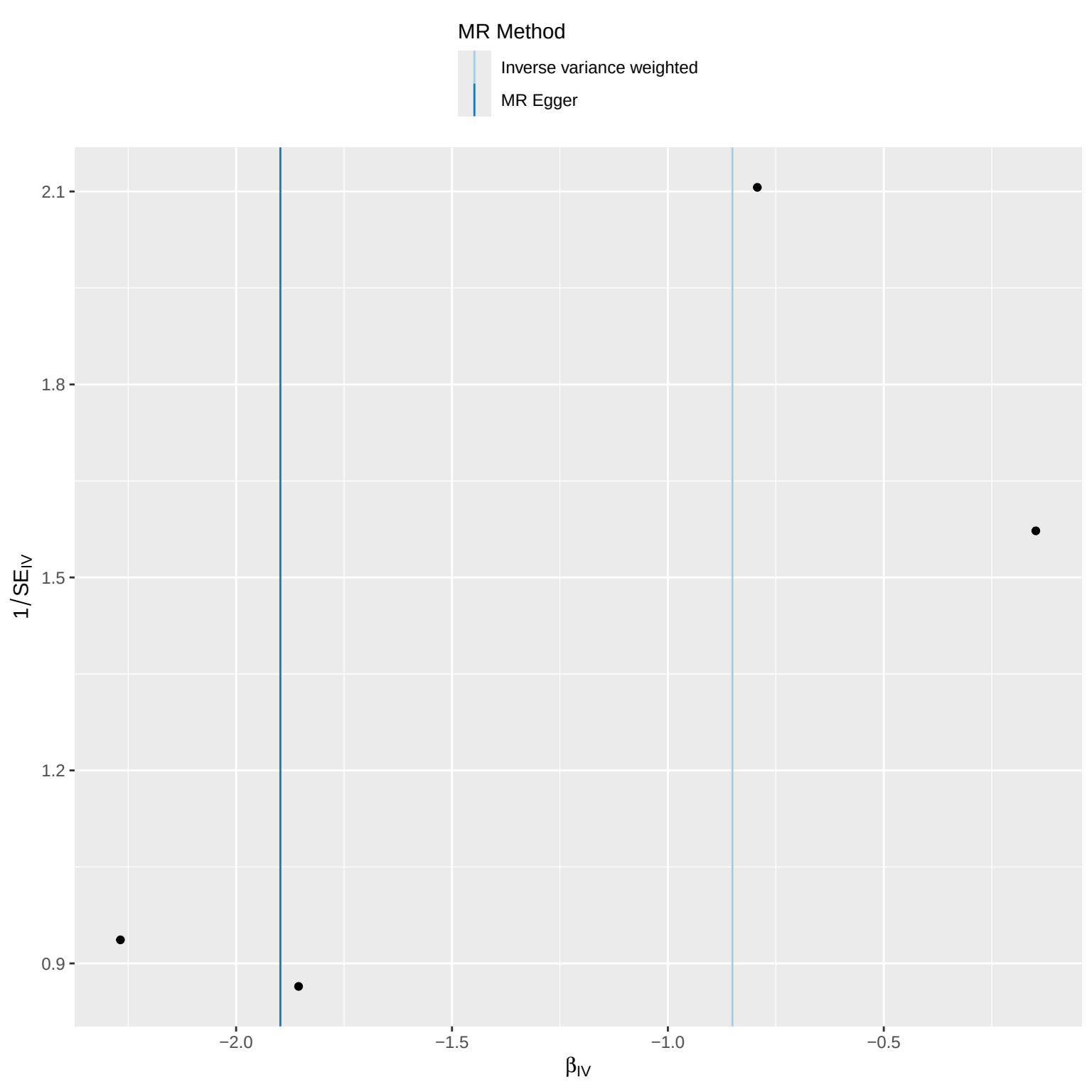

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−2
−1
0
1
β_IV

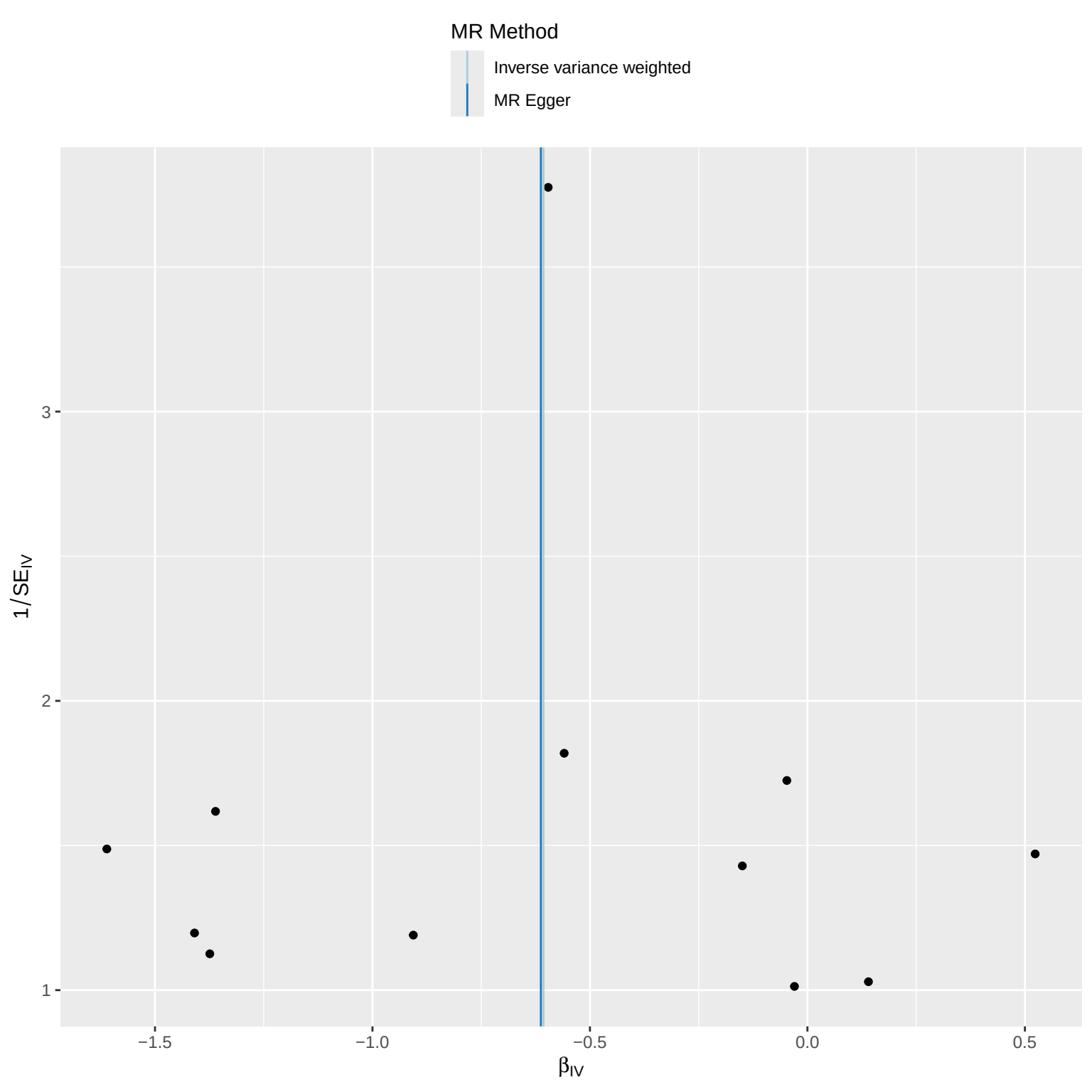

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
β_IV

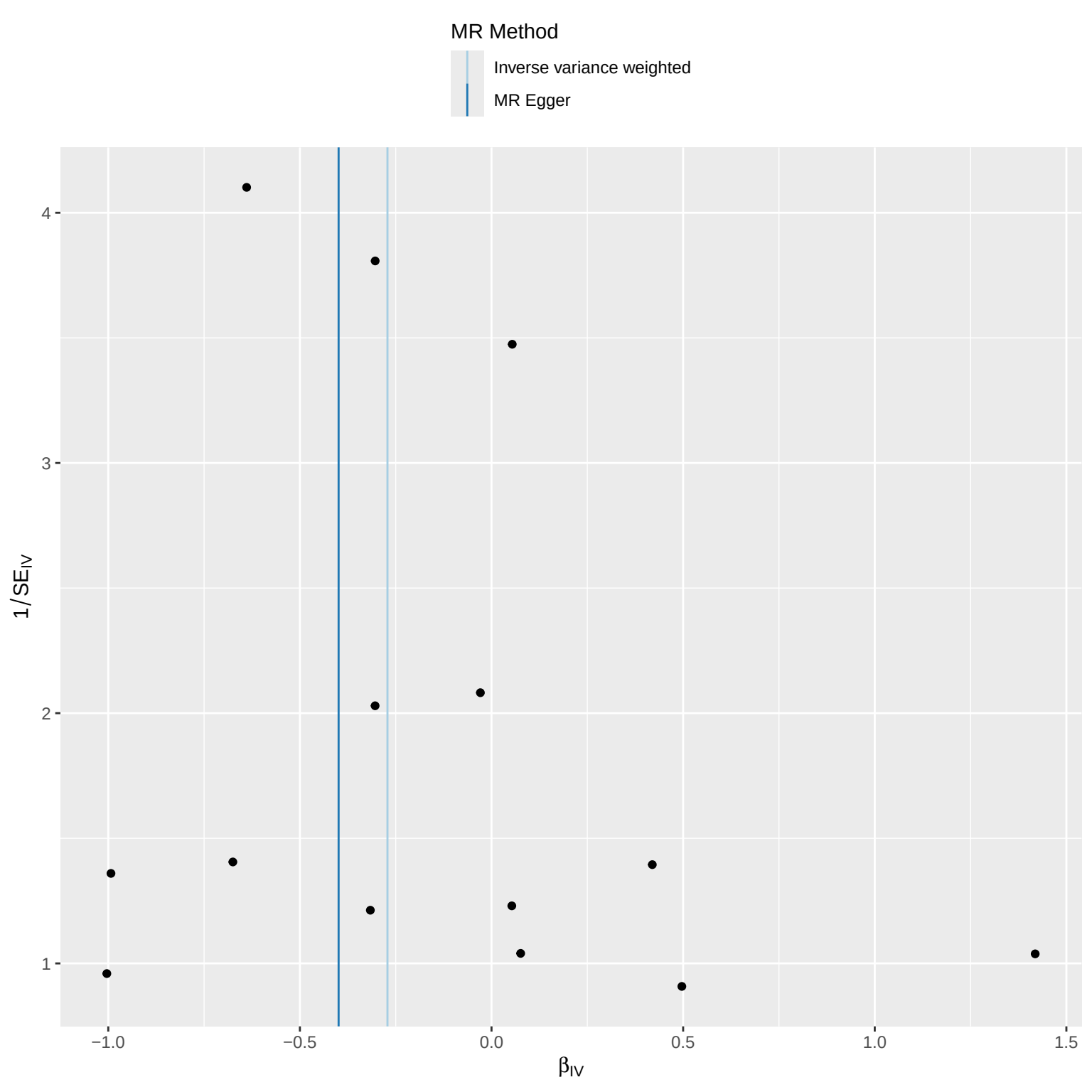

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

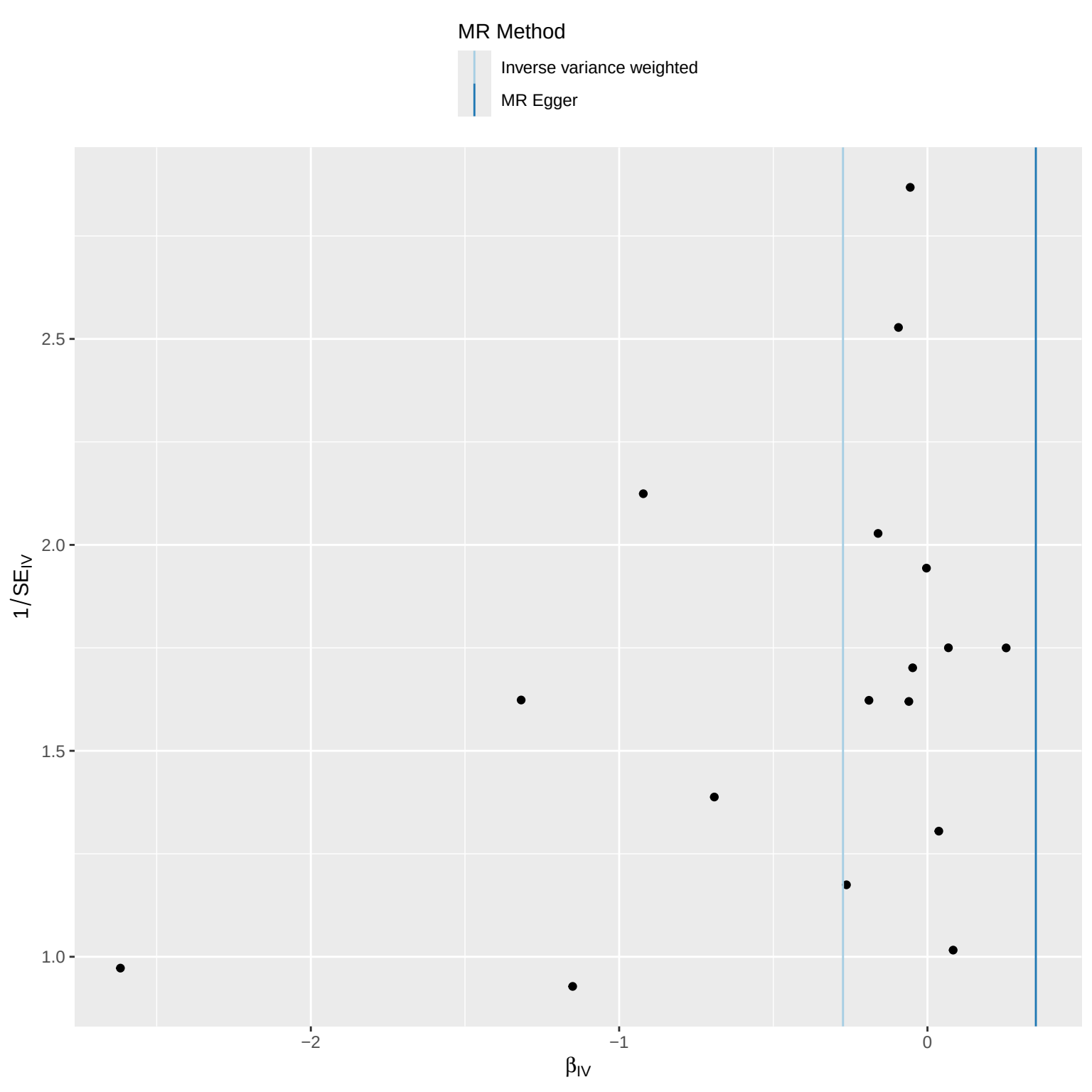

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

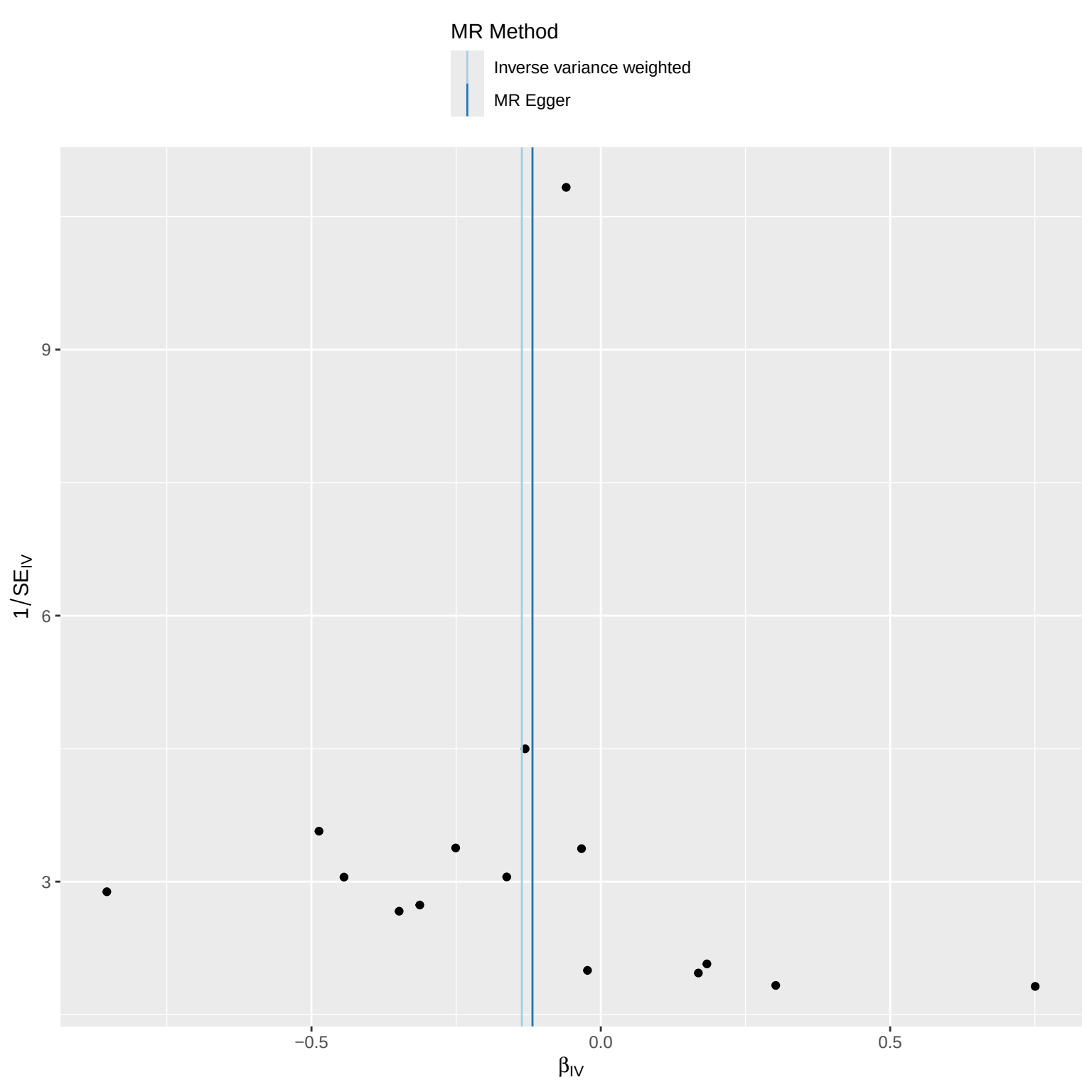

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

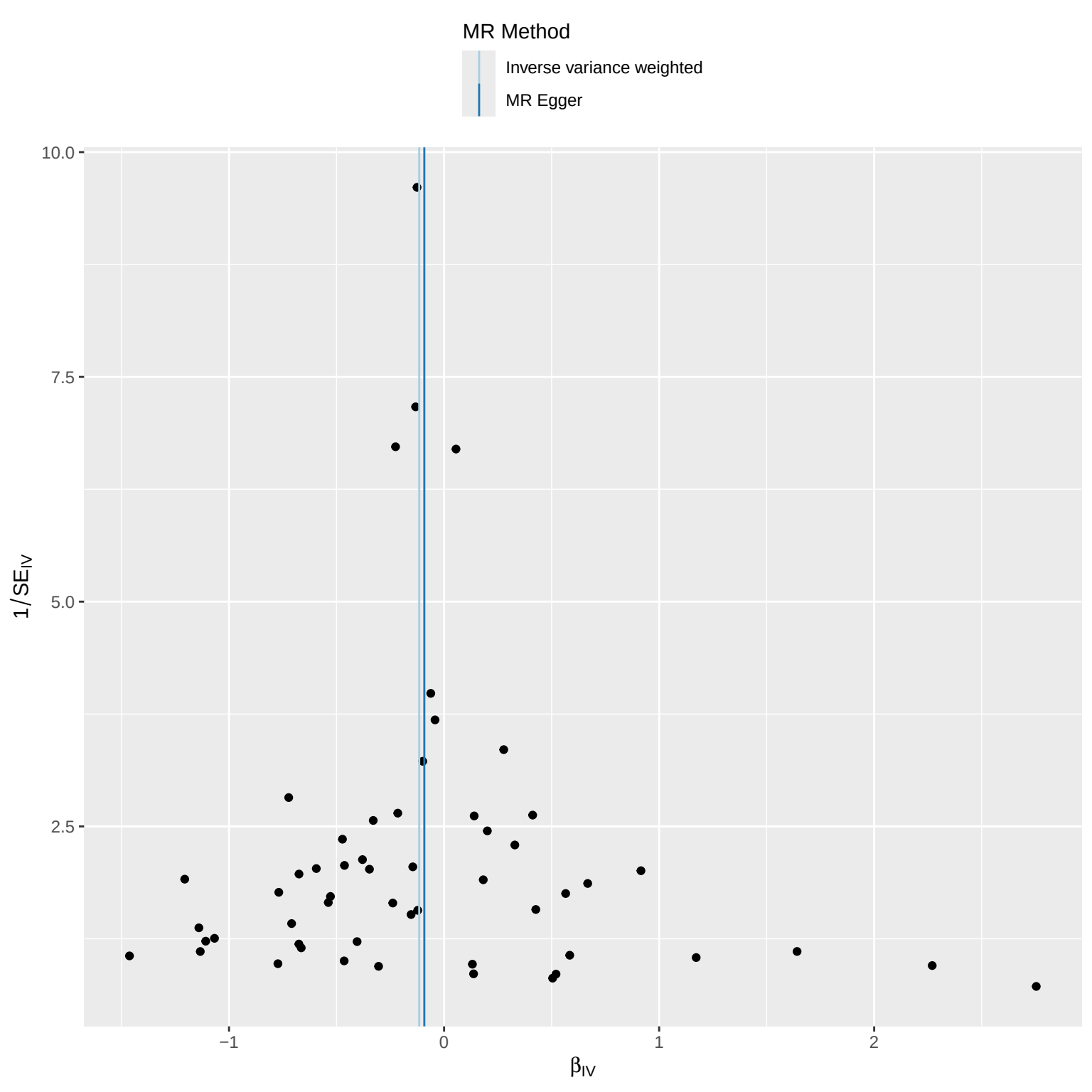

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

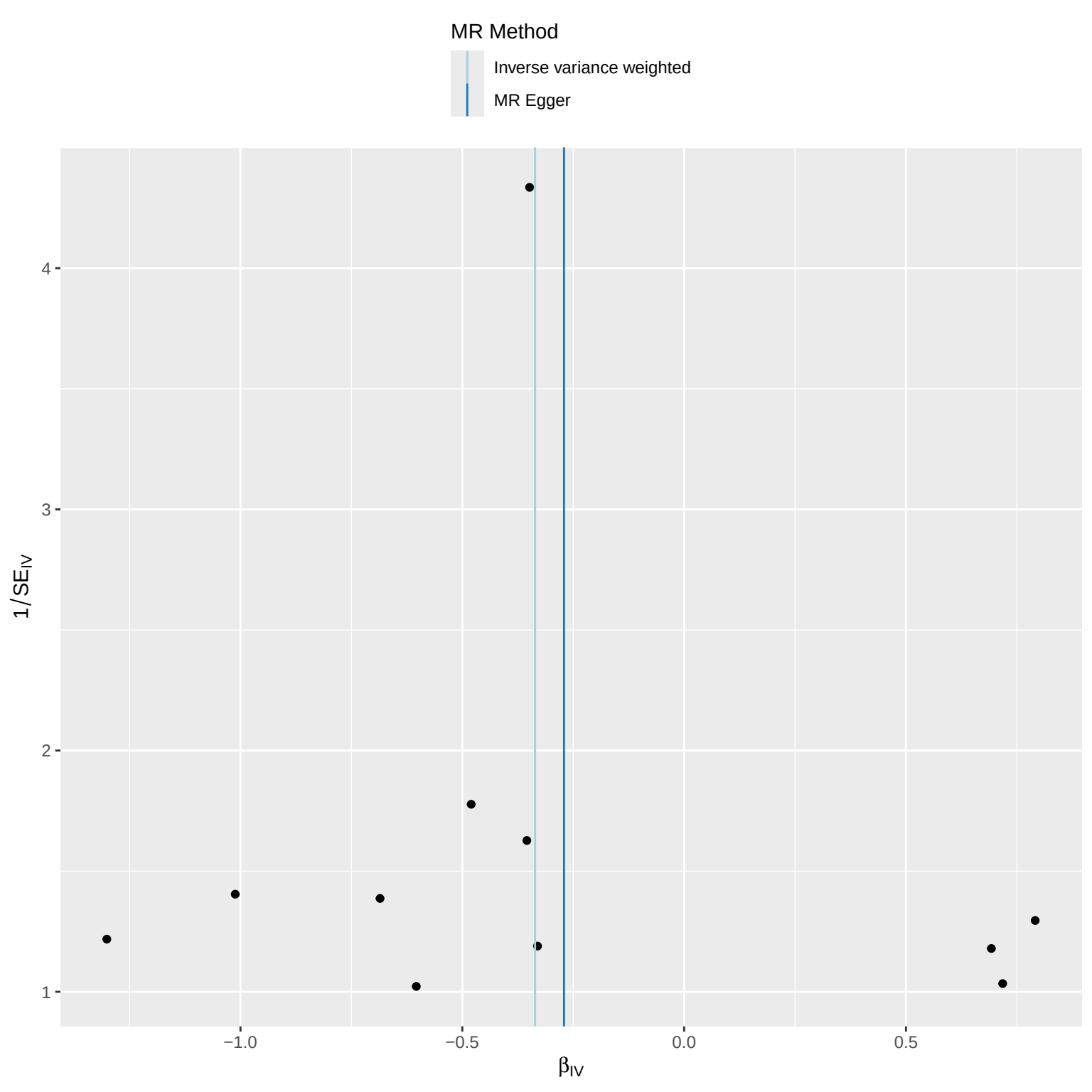

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

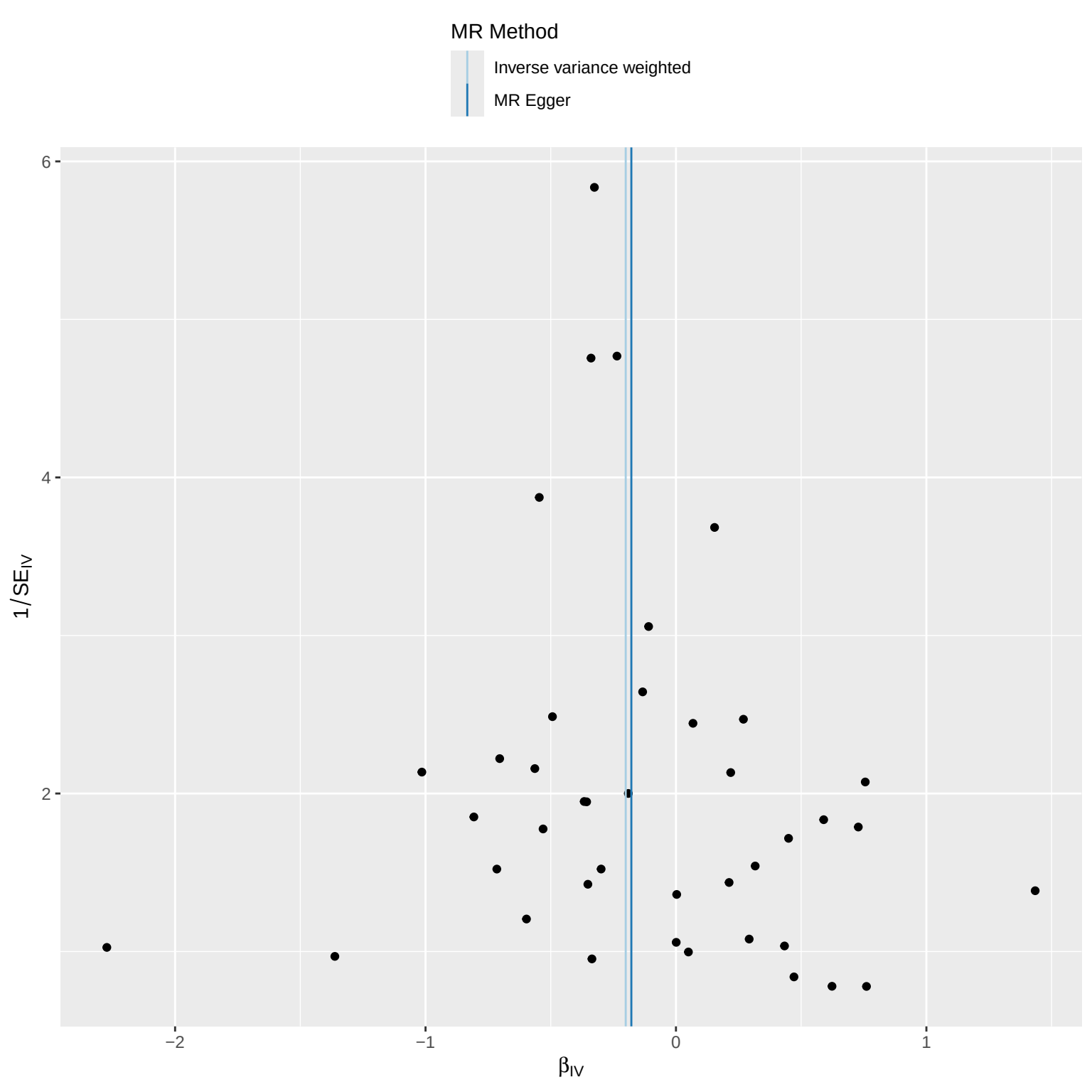

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

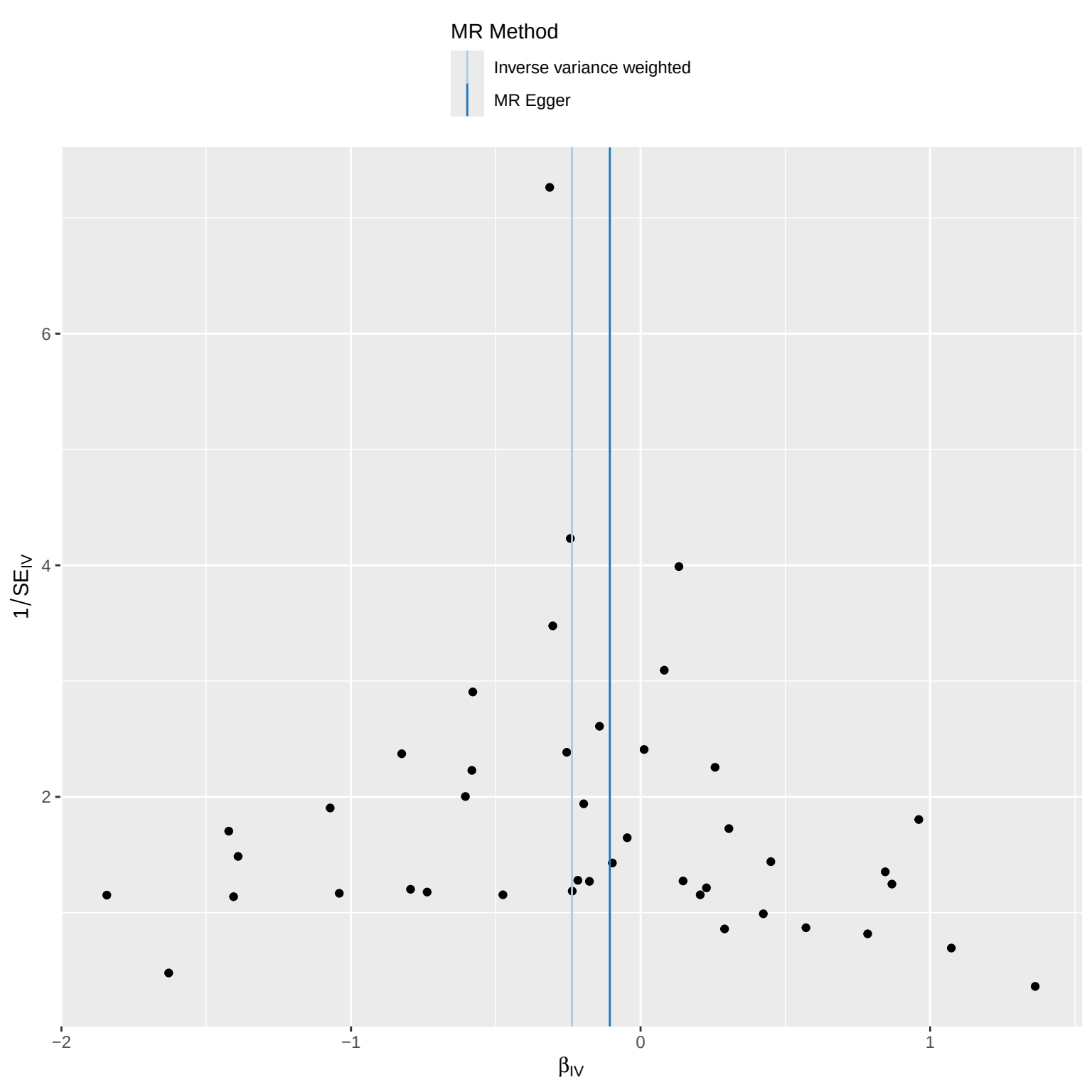

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

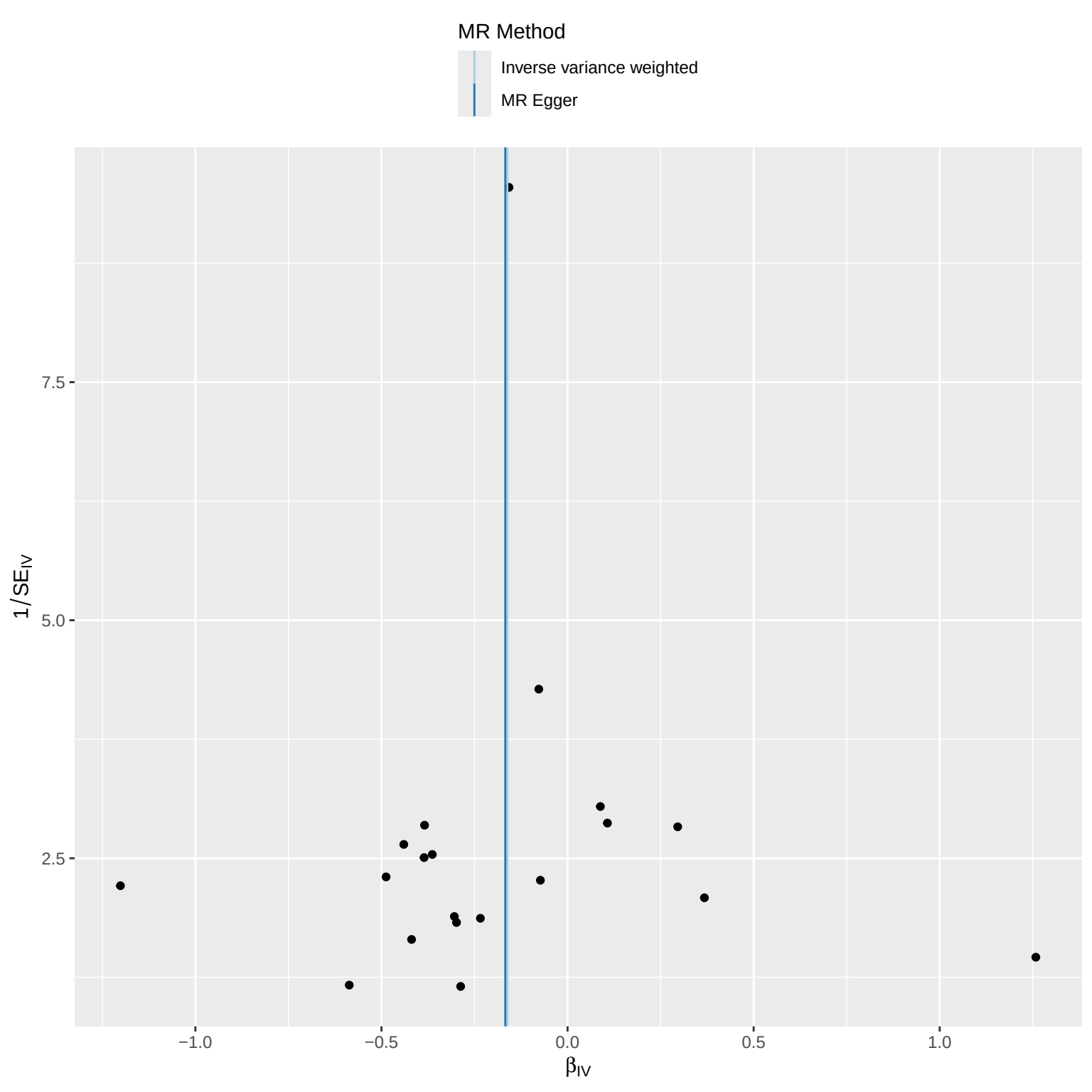

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.5
0.0
0.5
β_IV

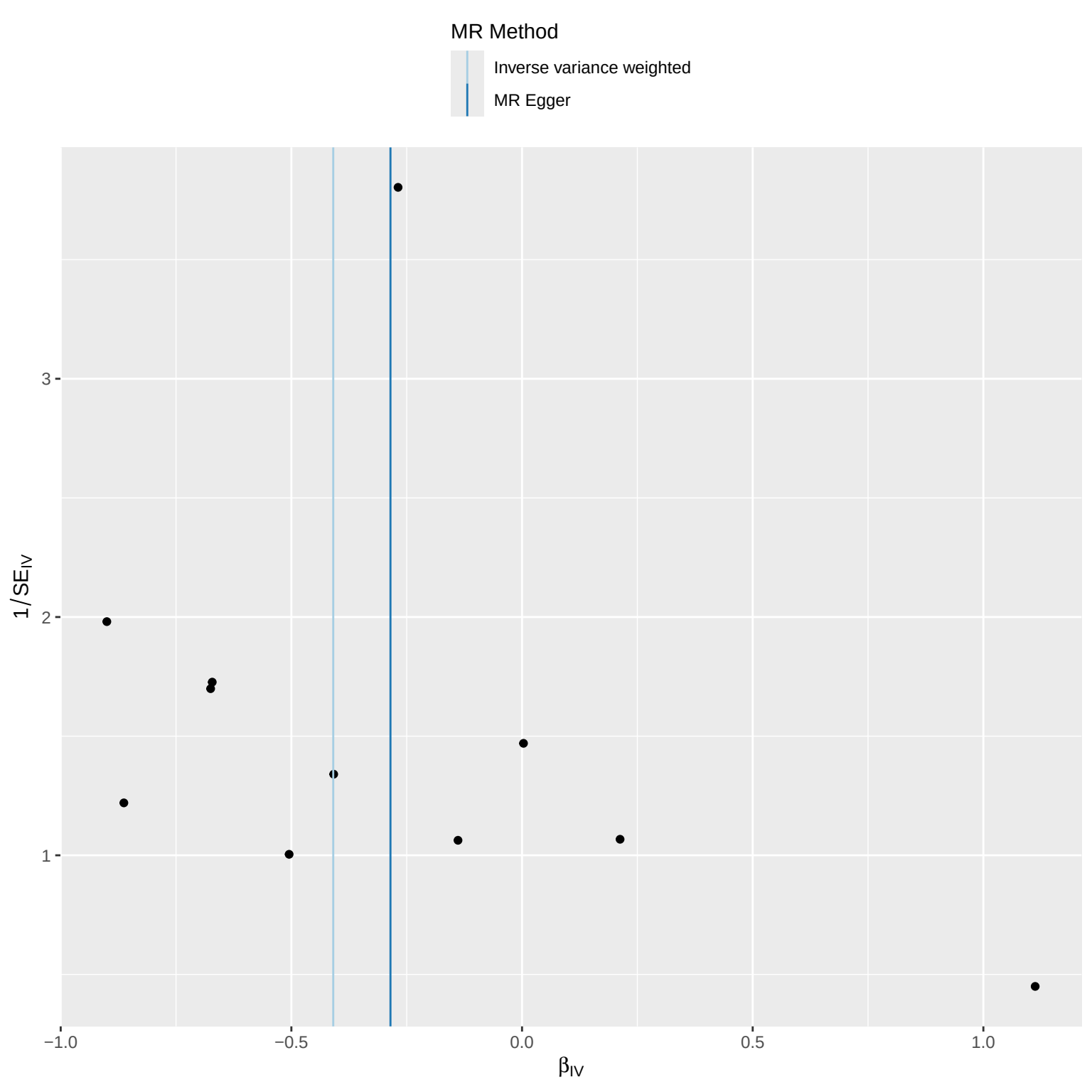

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

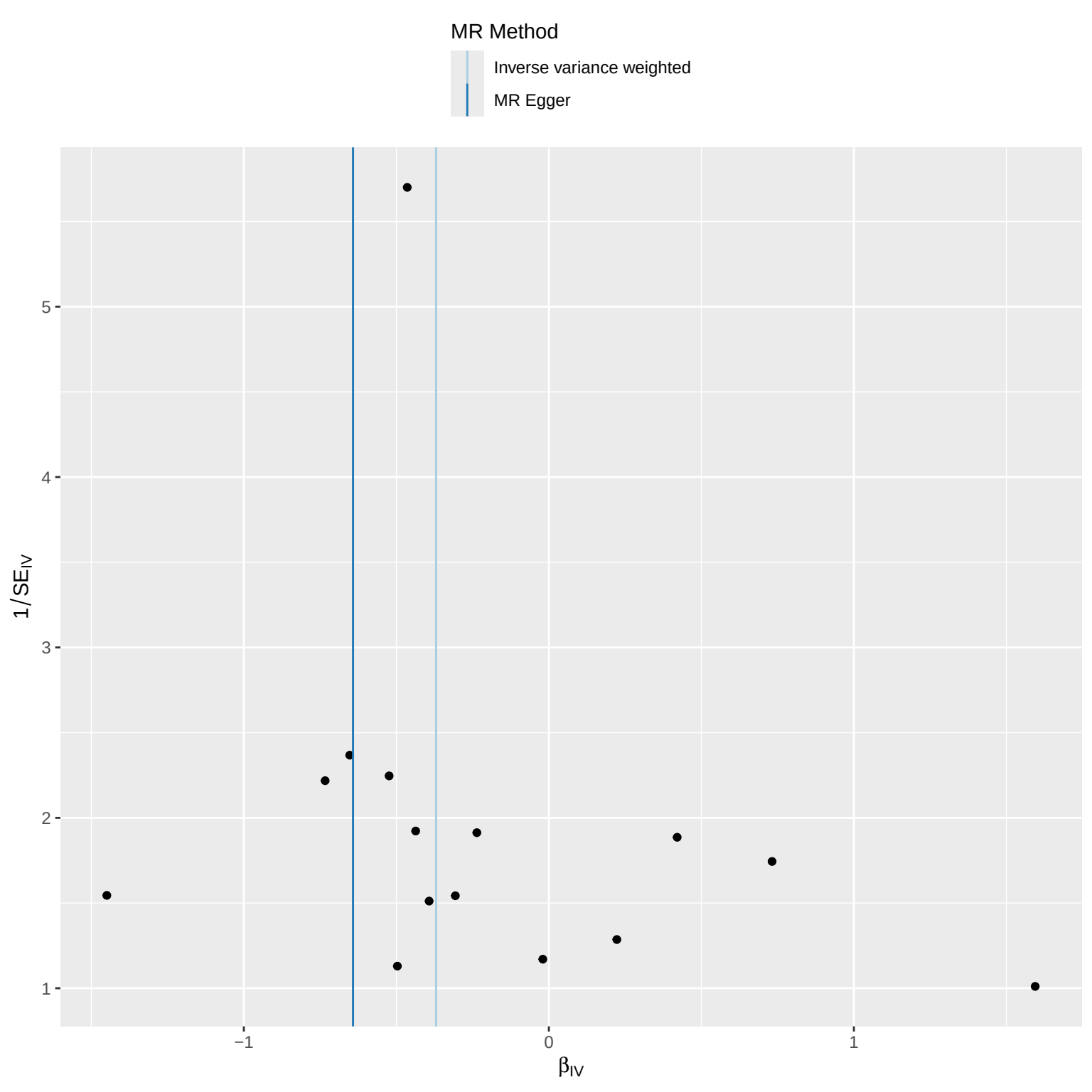

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

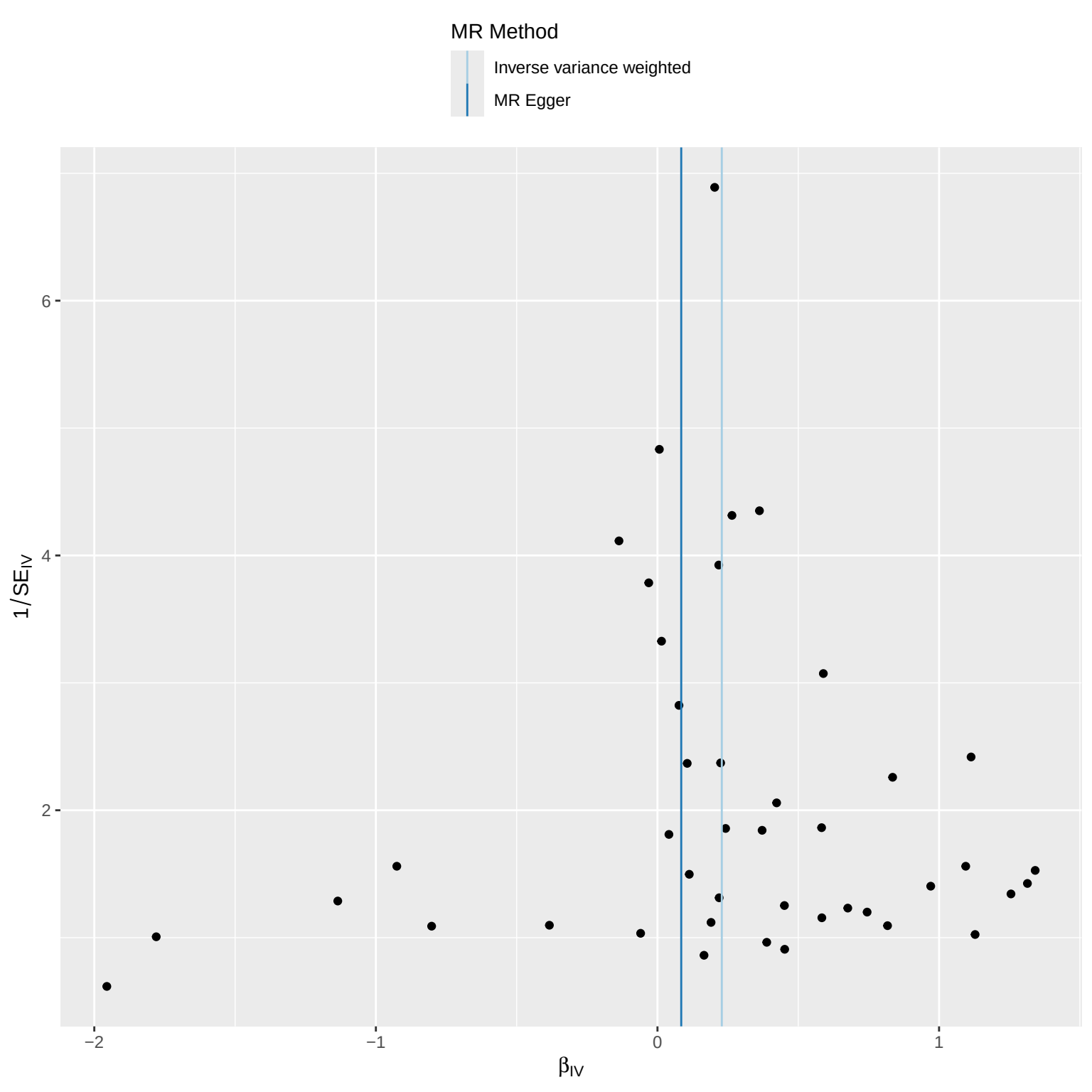

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

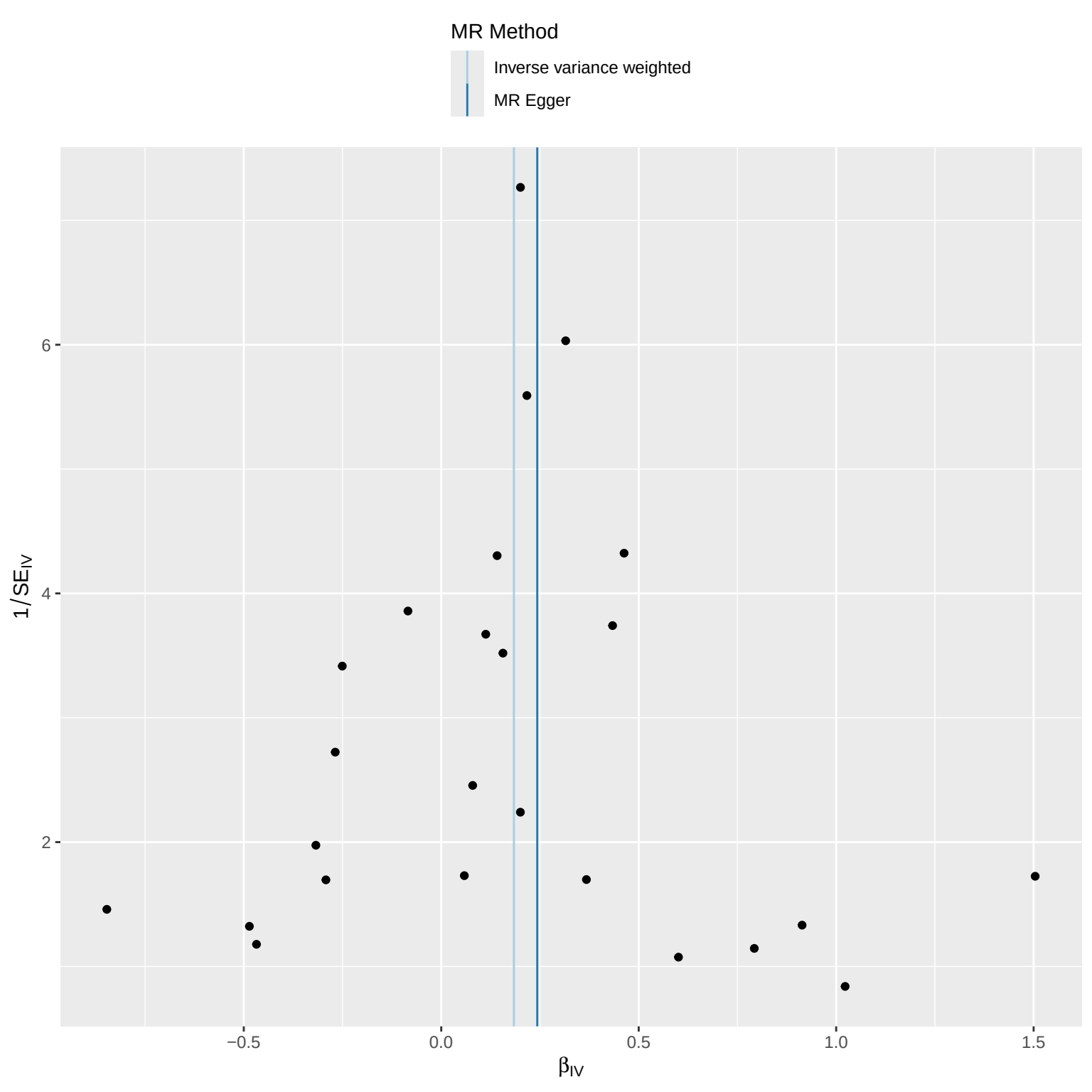

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

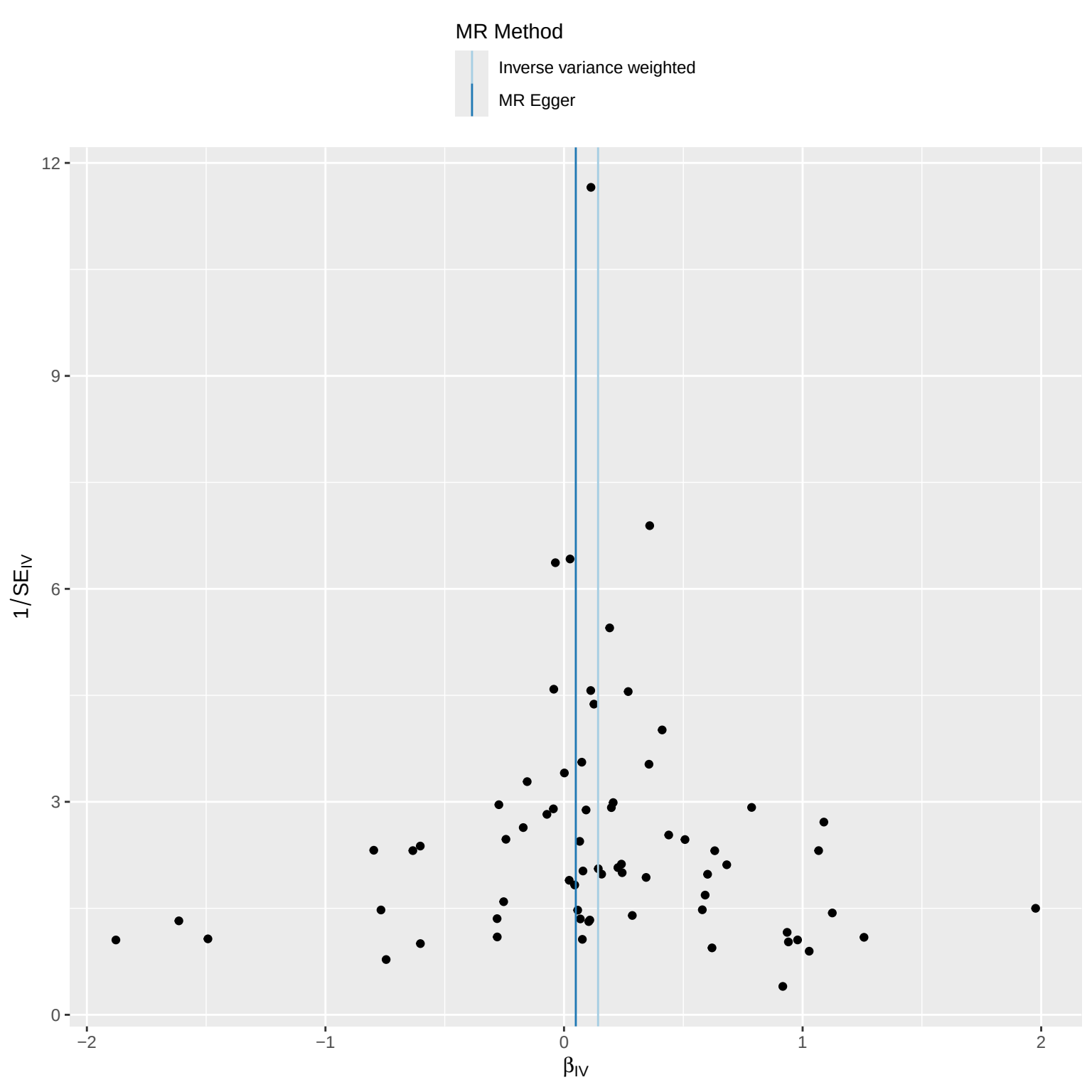

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

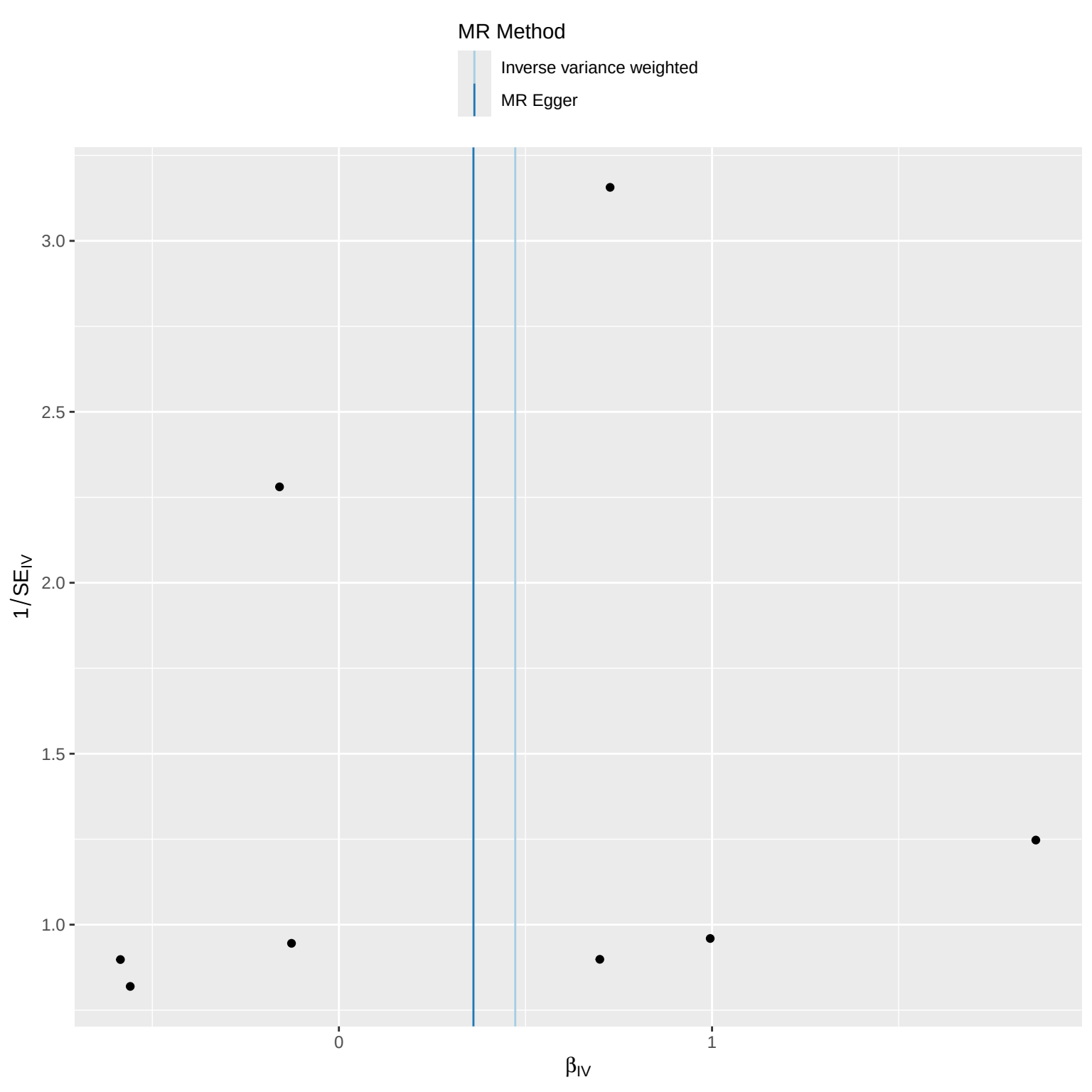

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

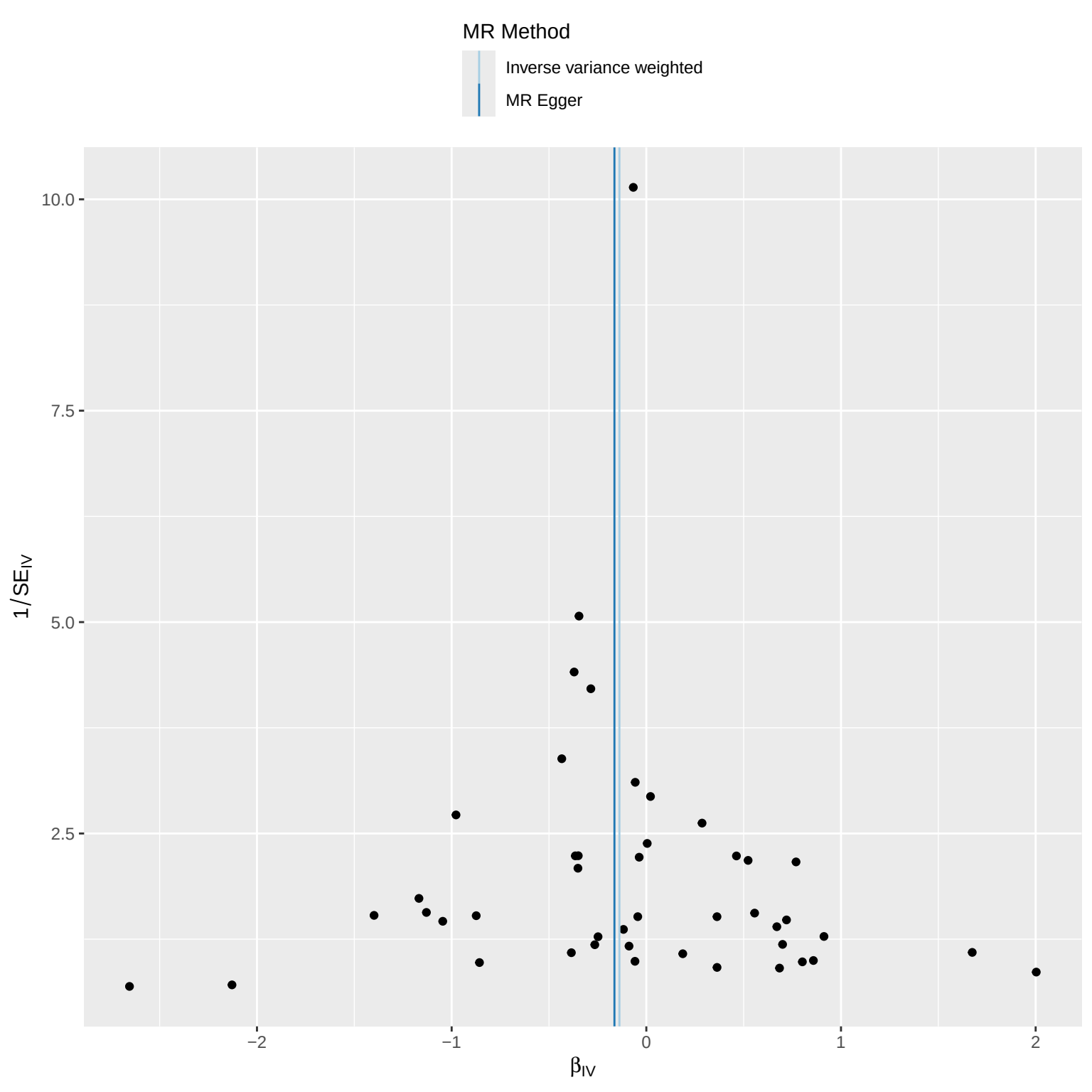

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1
0
1
β_IV

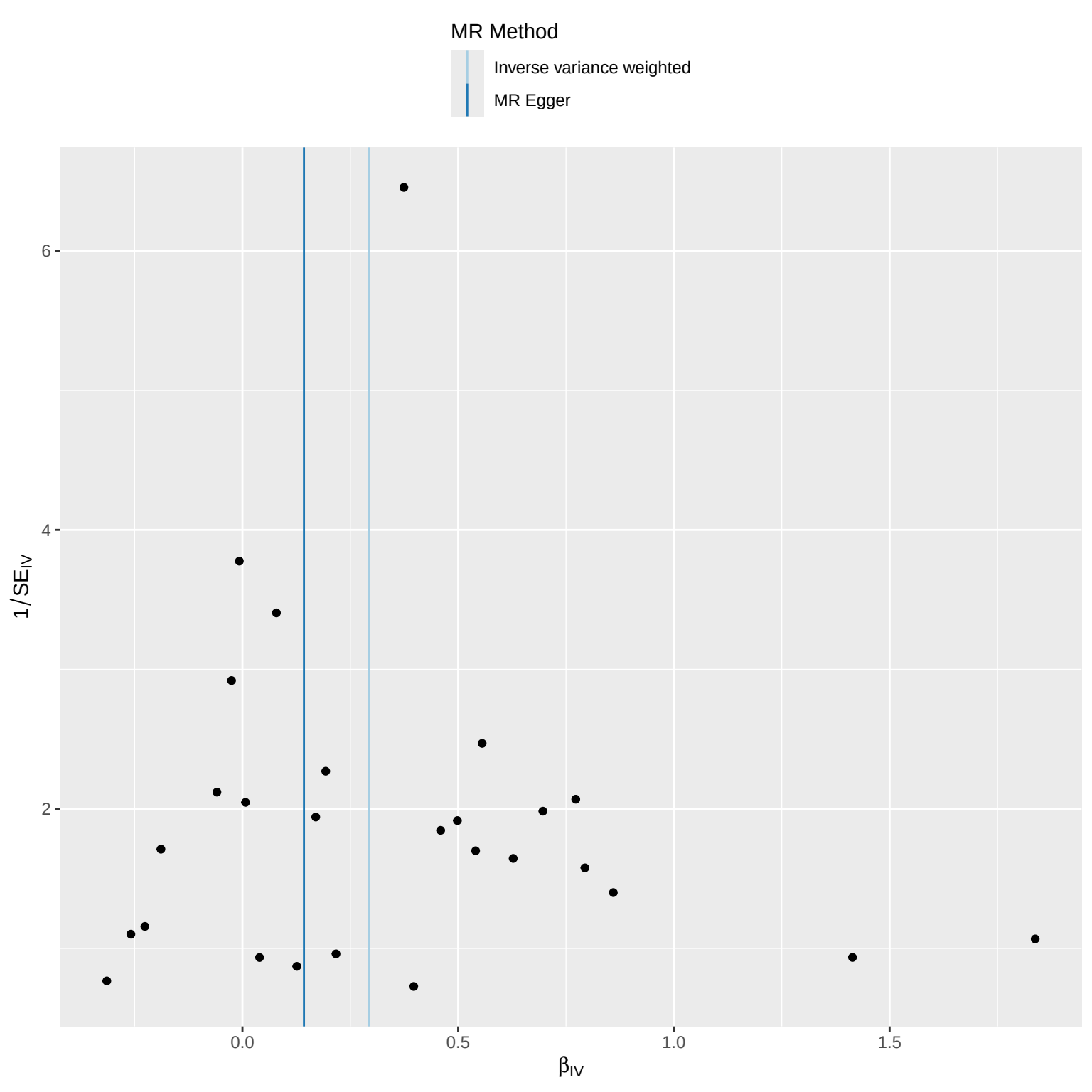

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

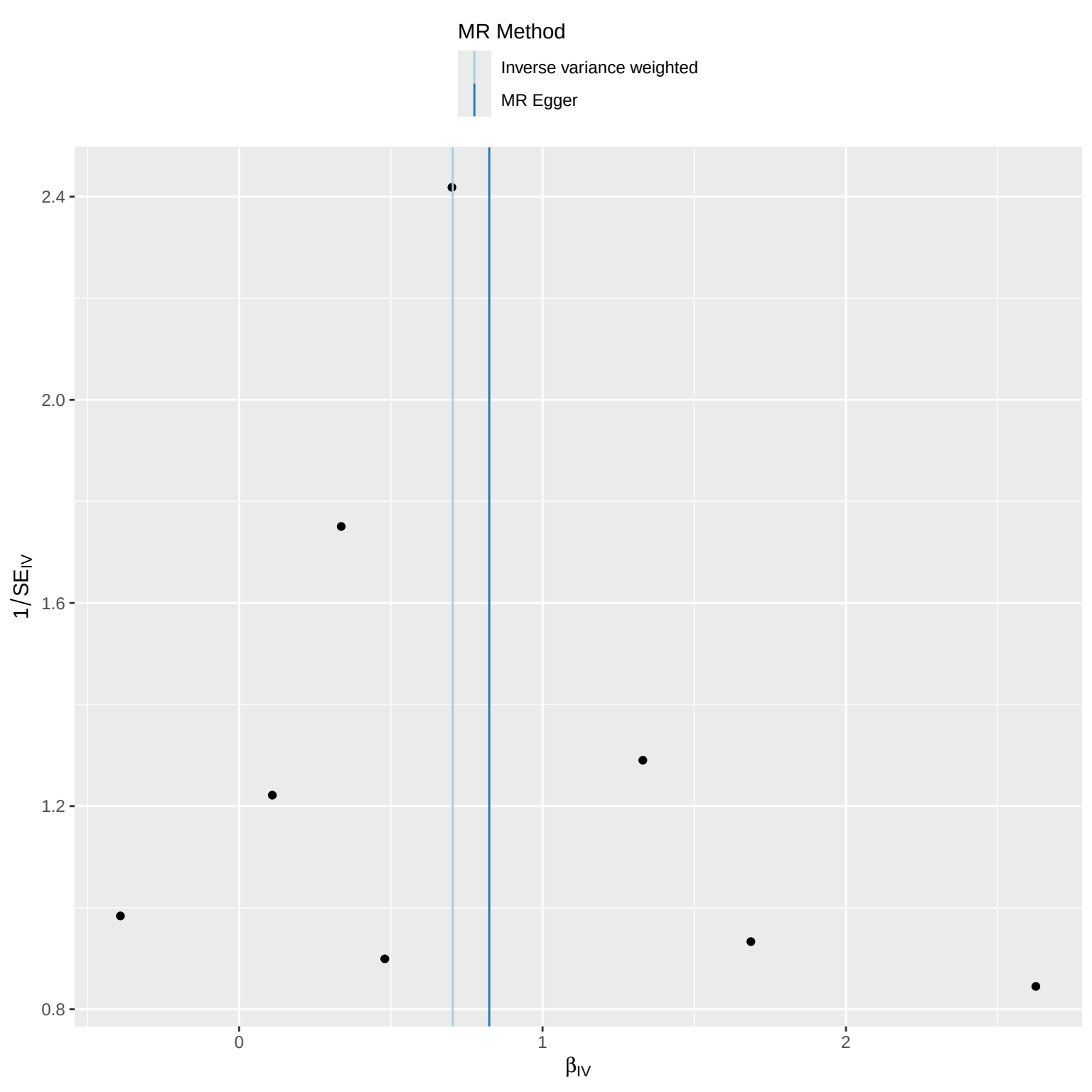

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

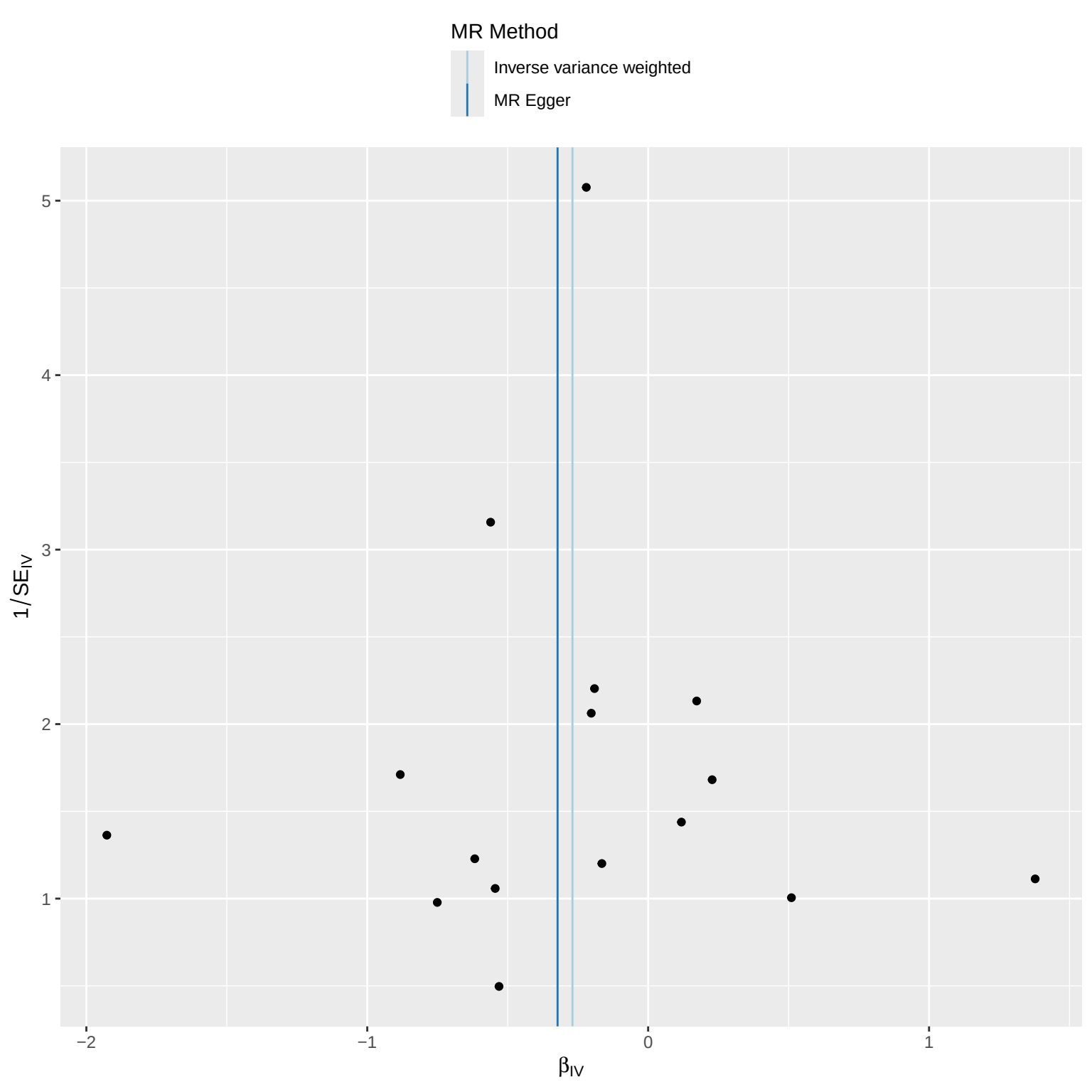

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
0
1/SE_IV
−2
−1
0
1
2
β_IV

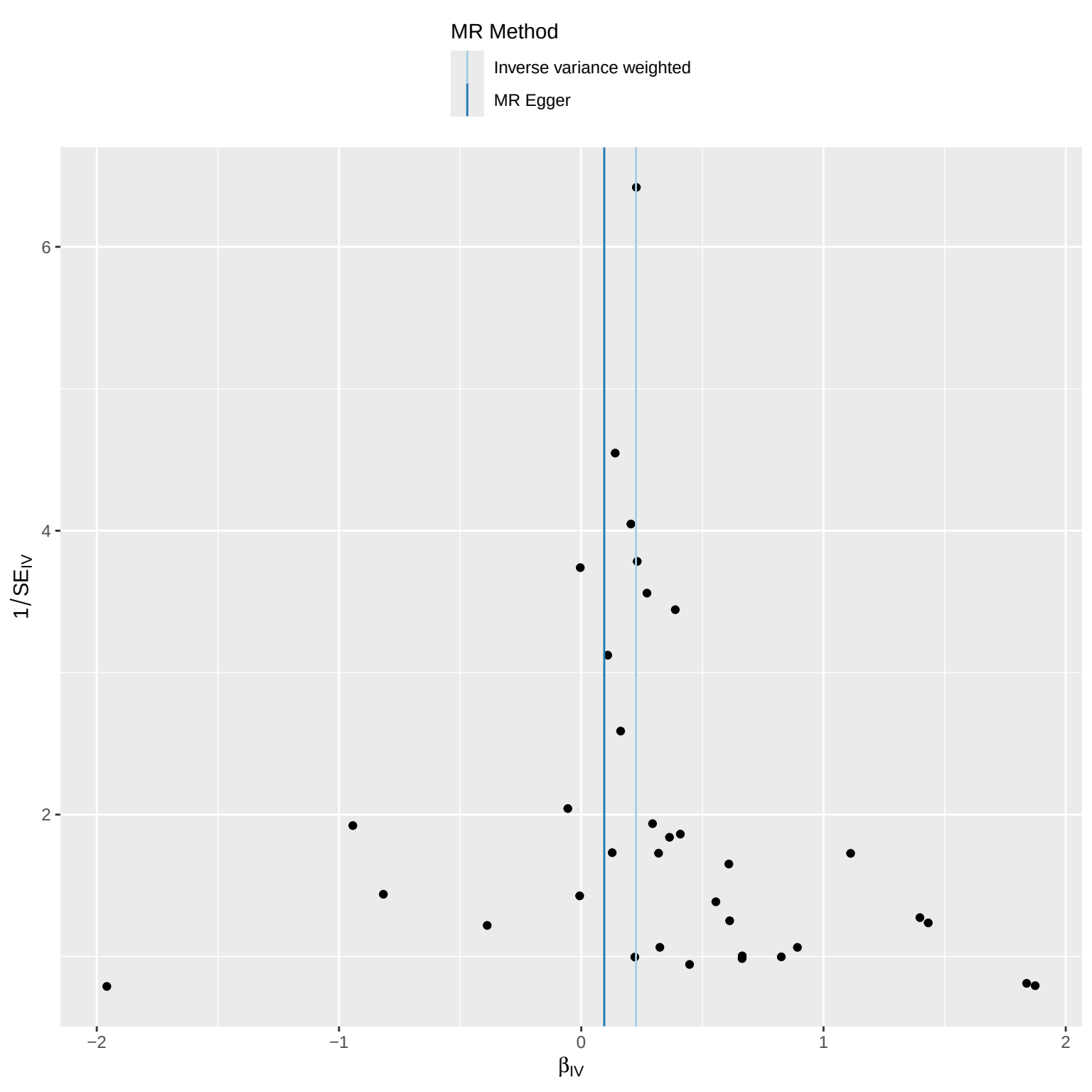

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
β_IV

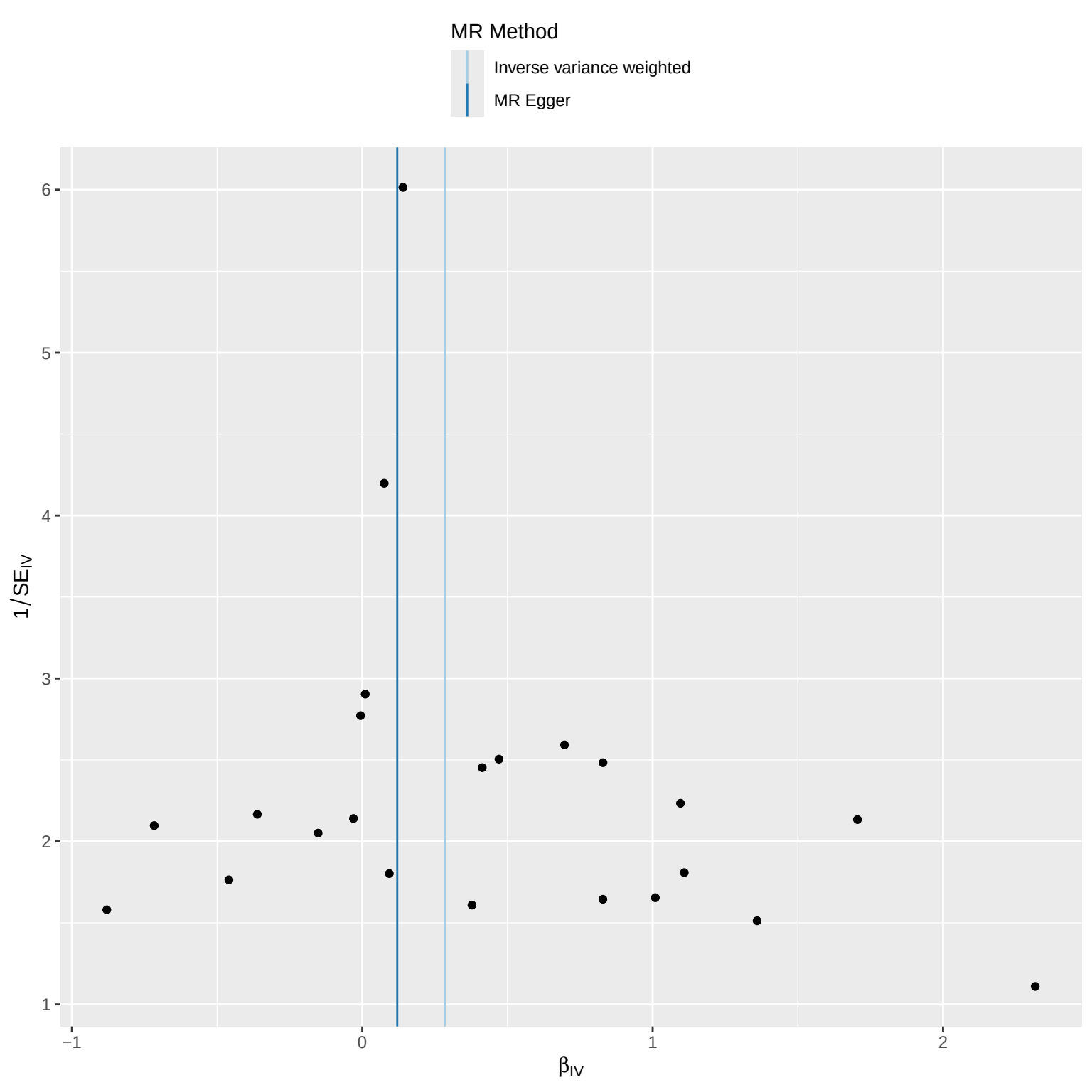

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

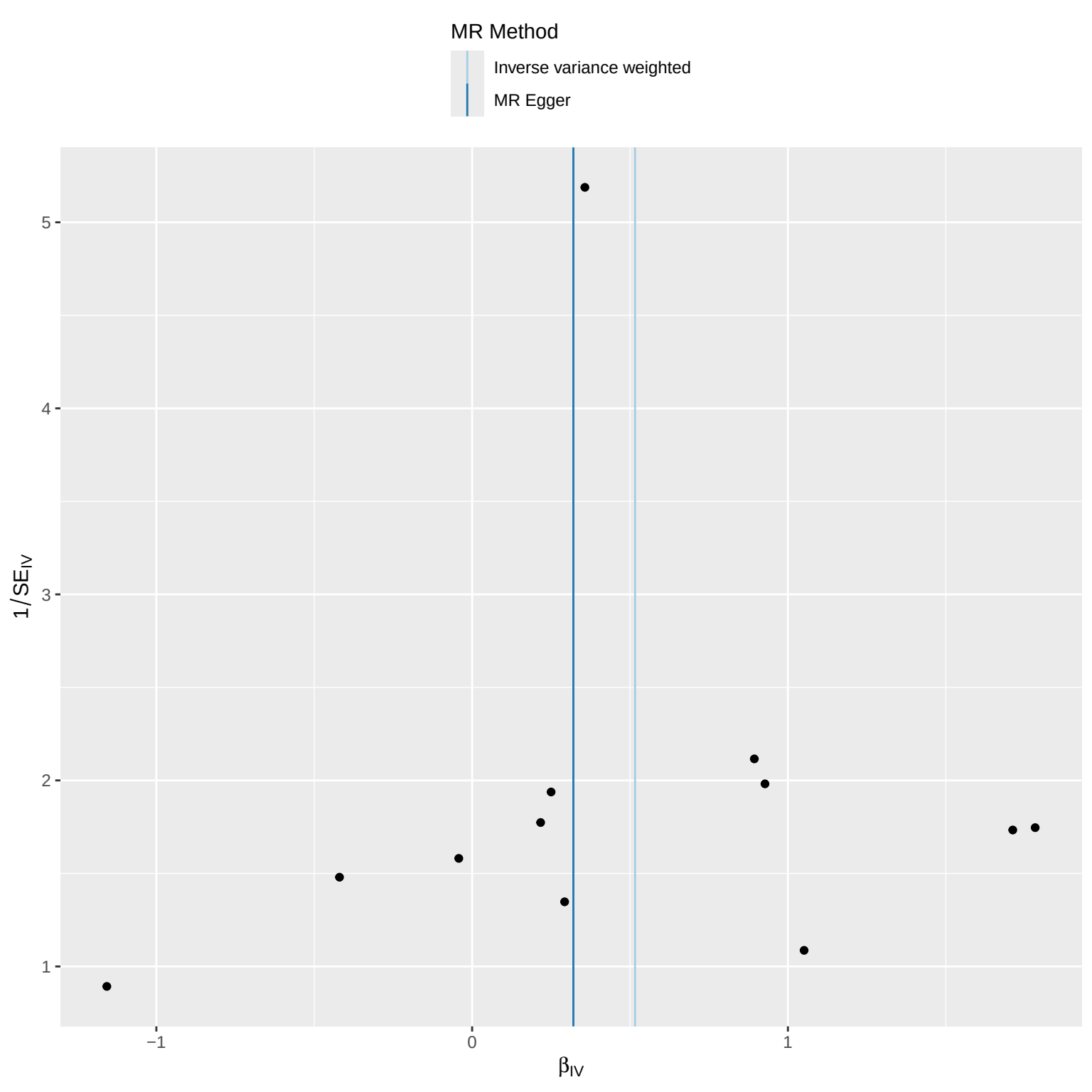

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

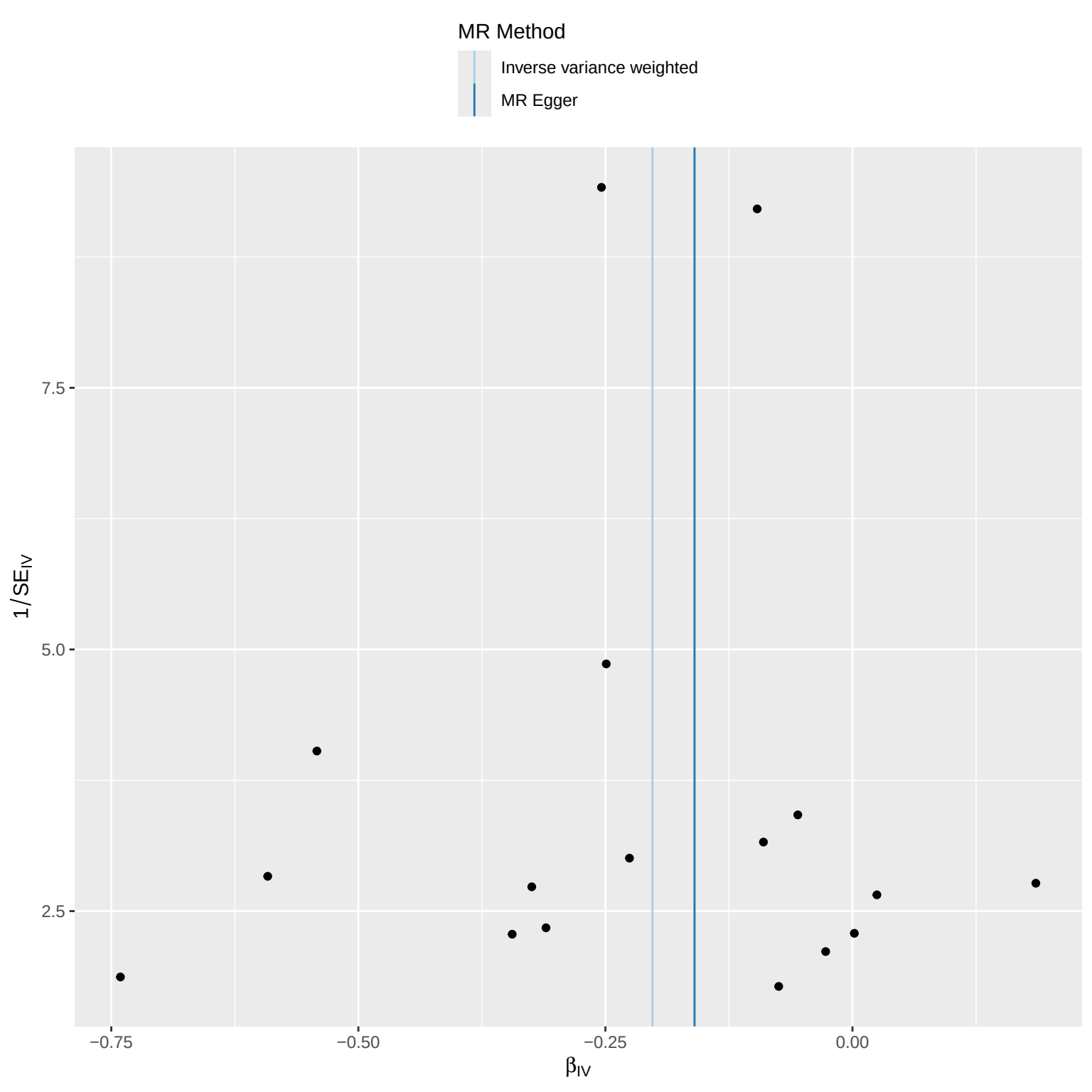

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
0
1
2
β_IV

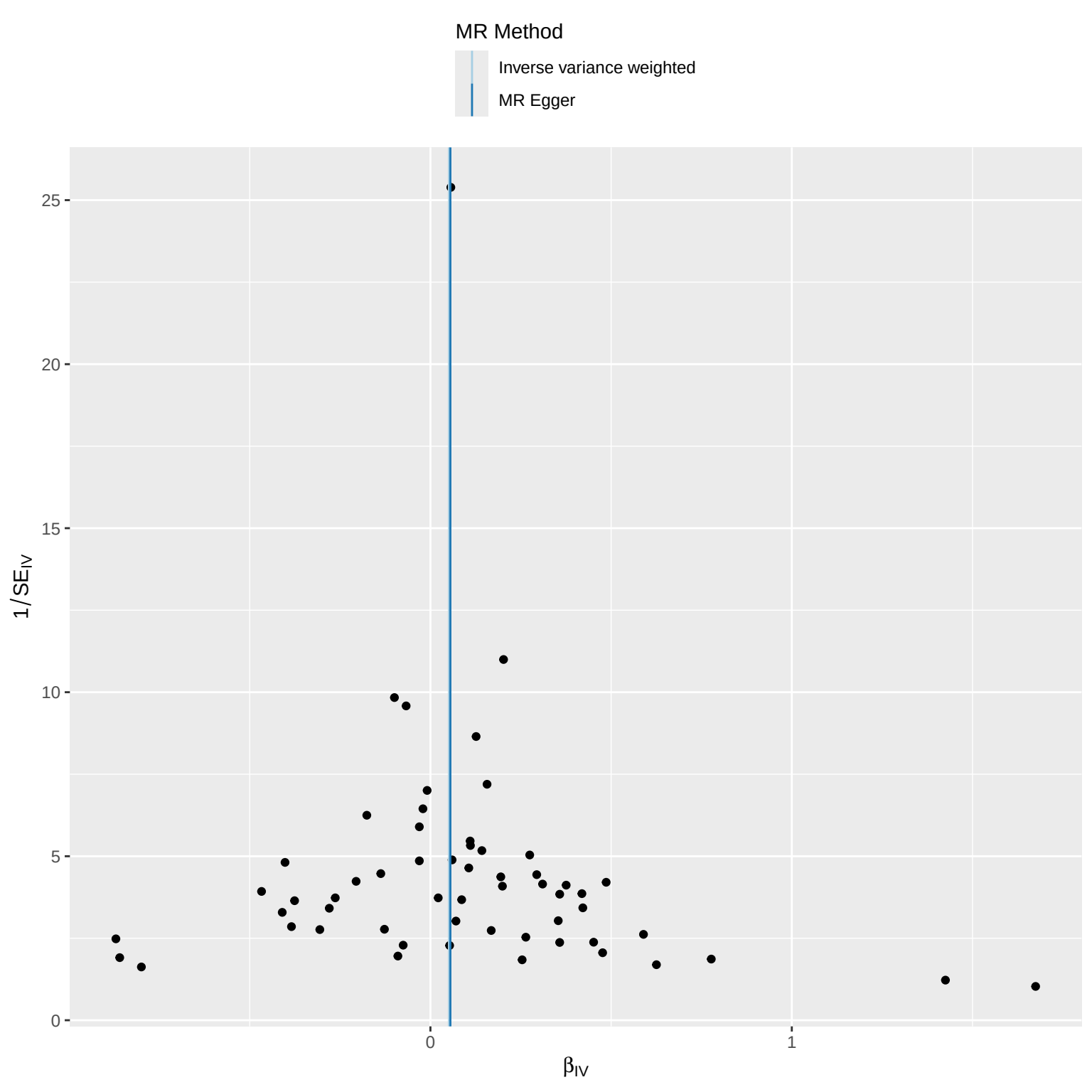

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

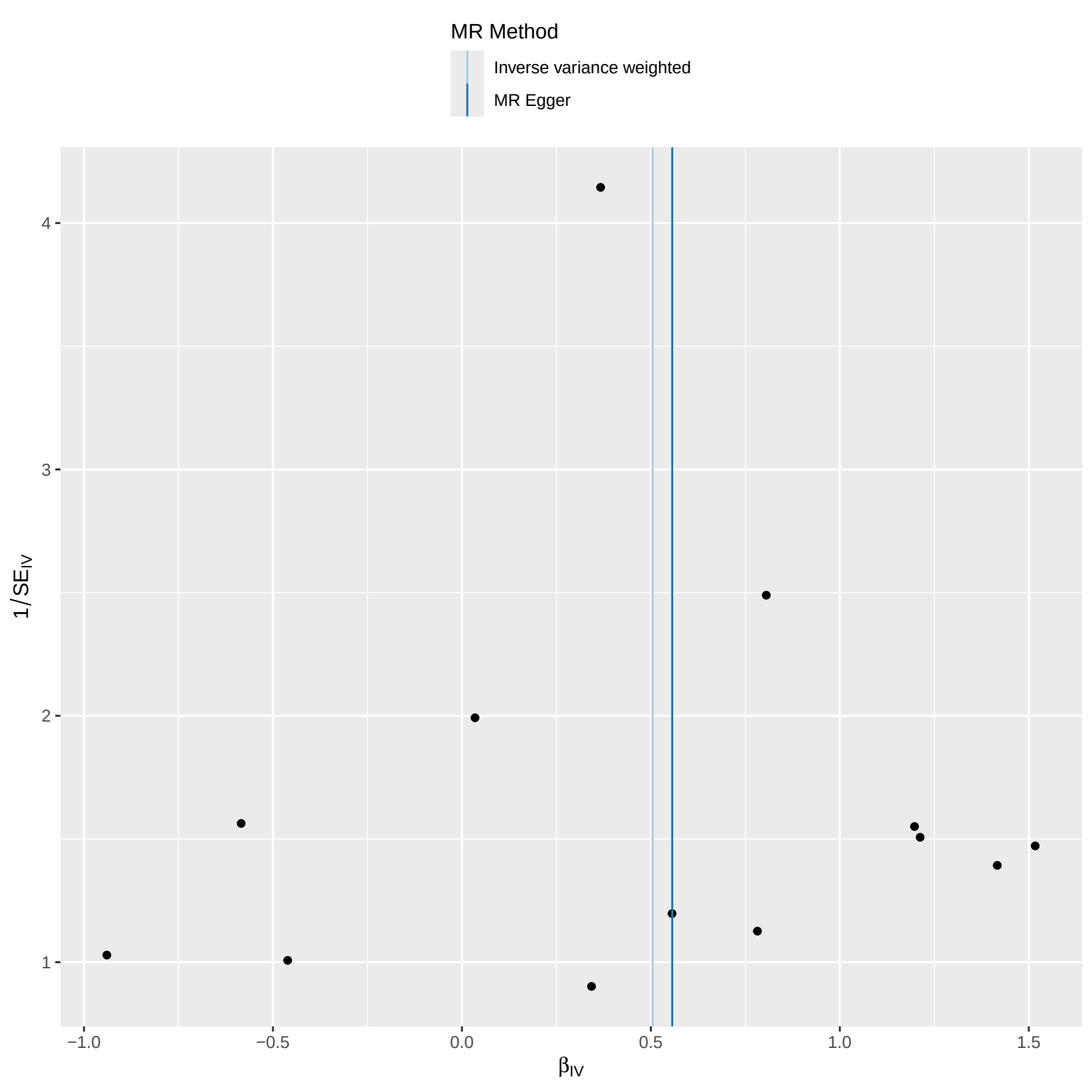

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

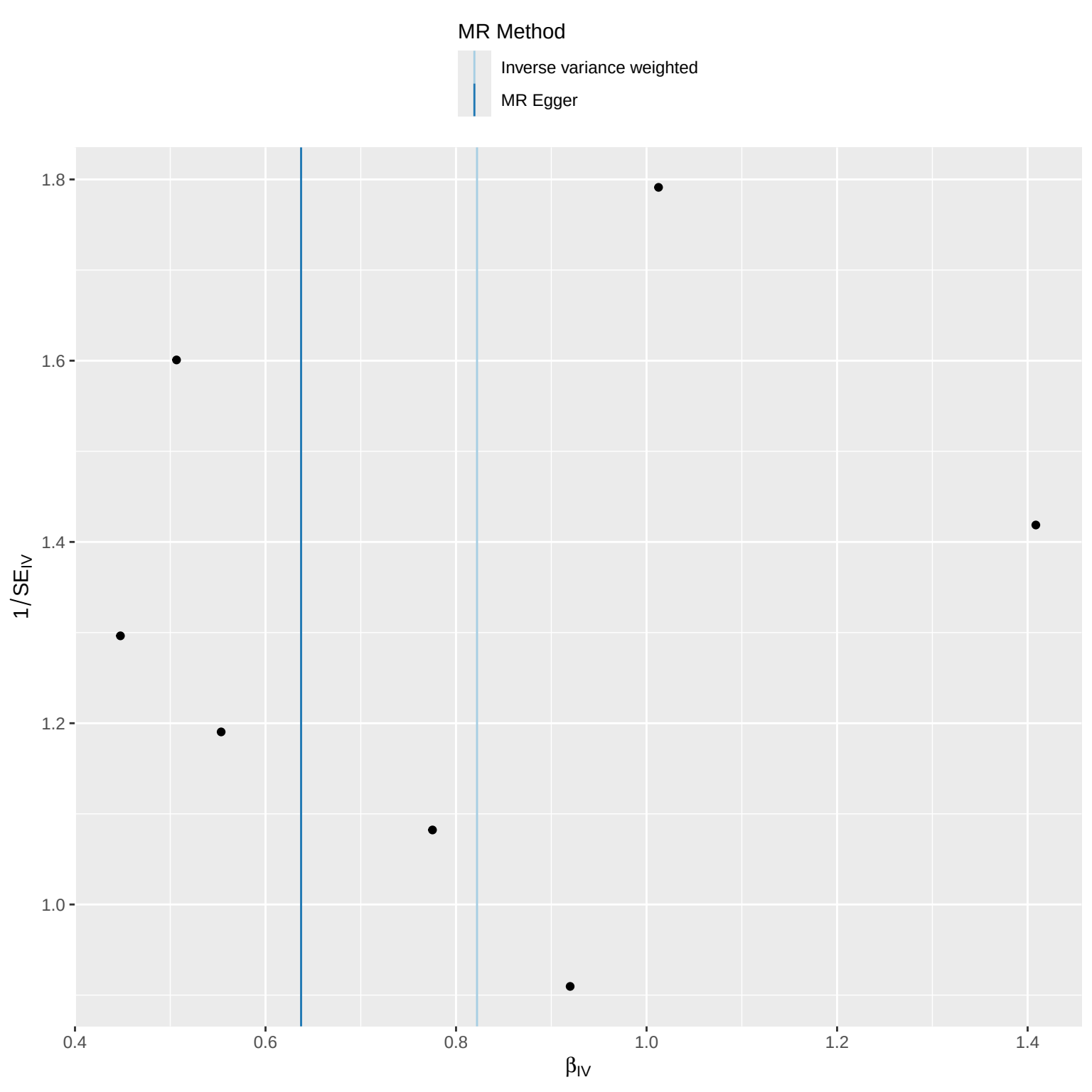

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

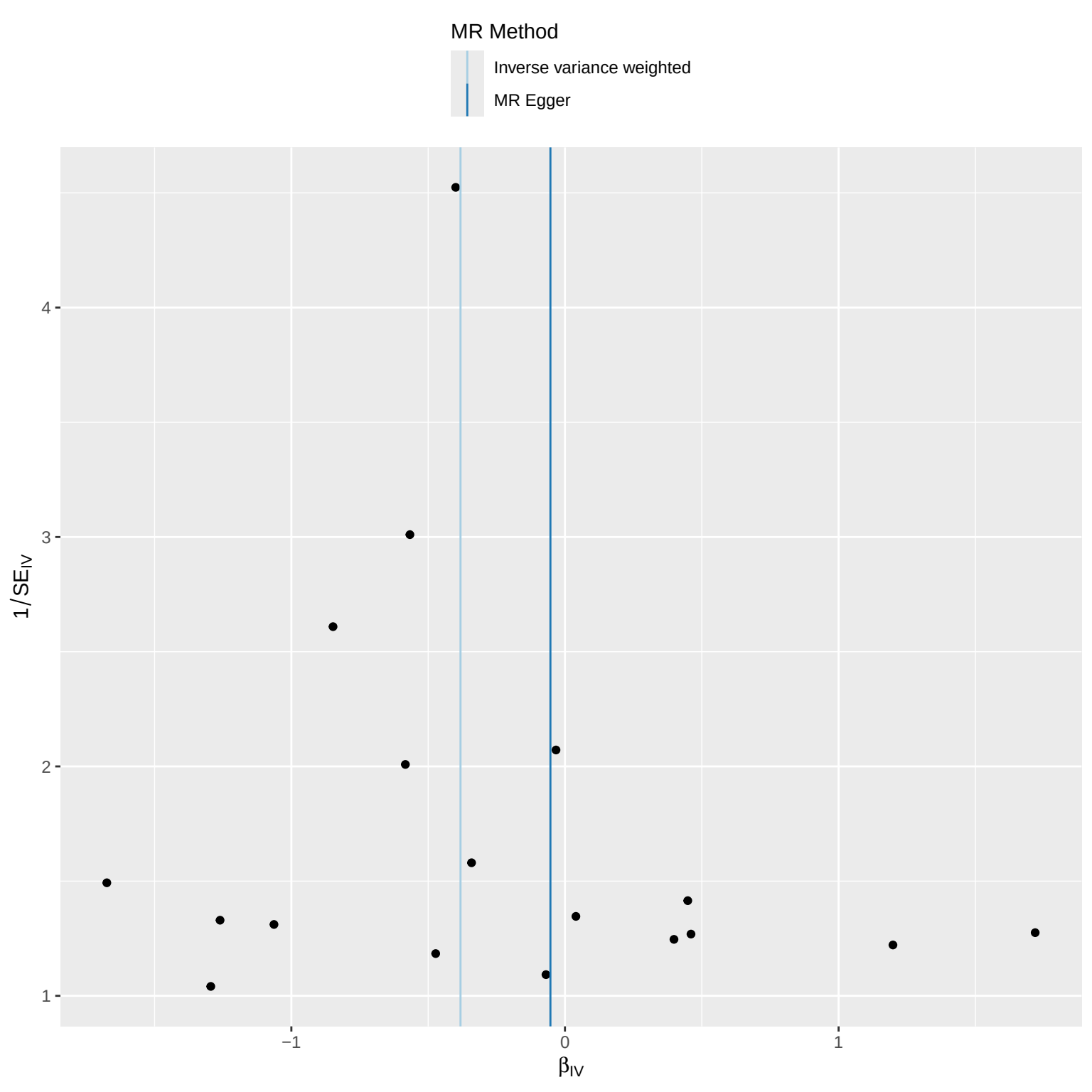

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

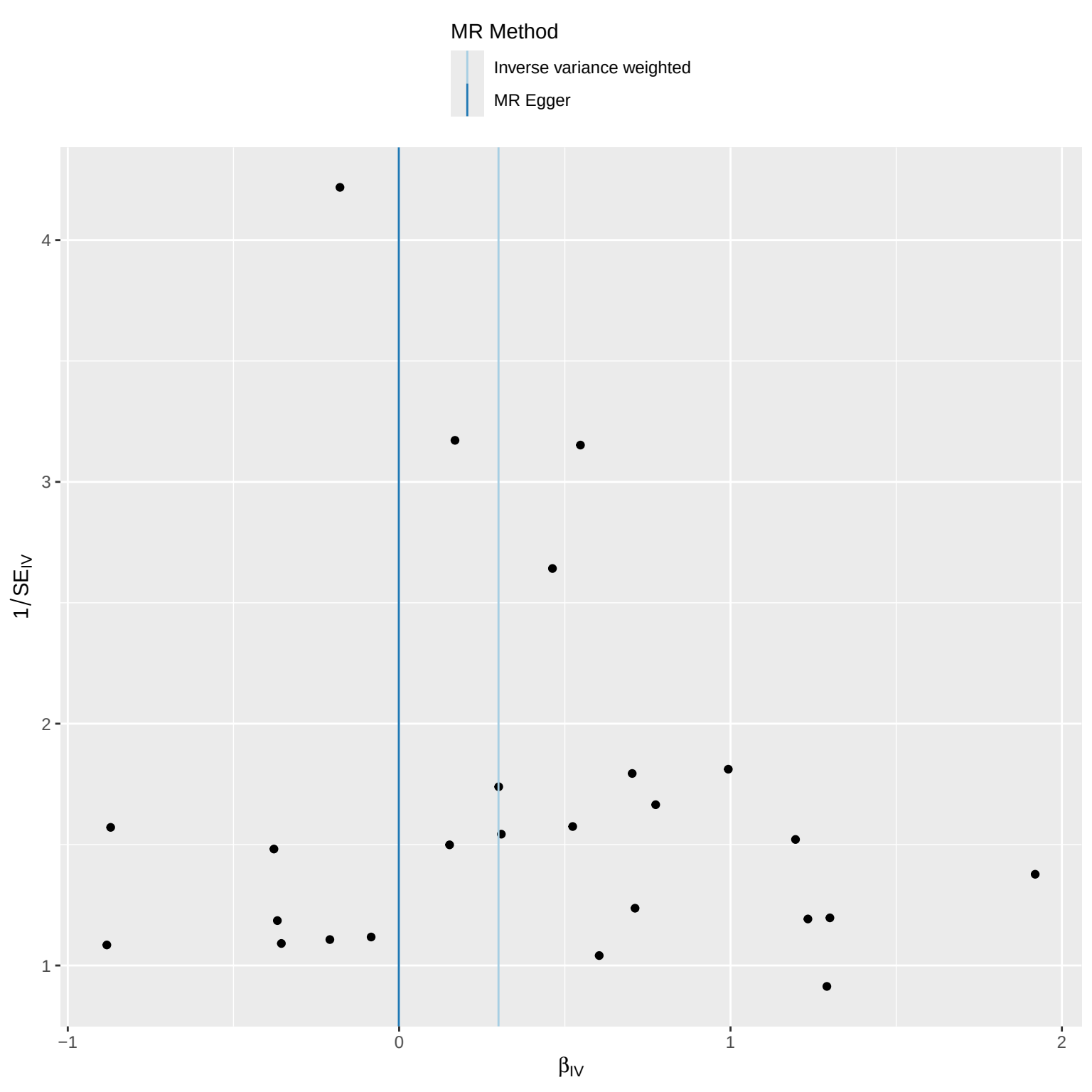

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

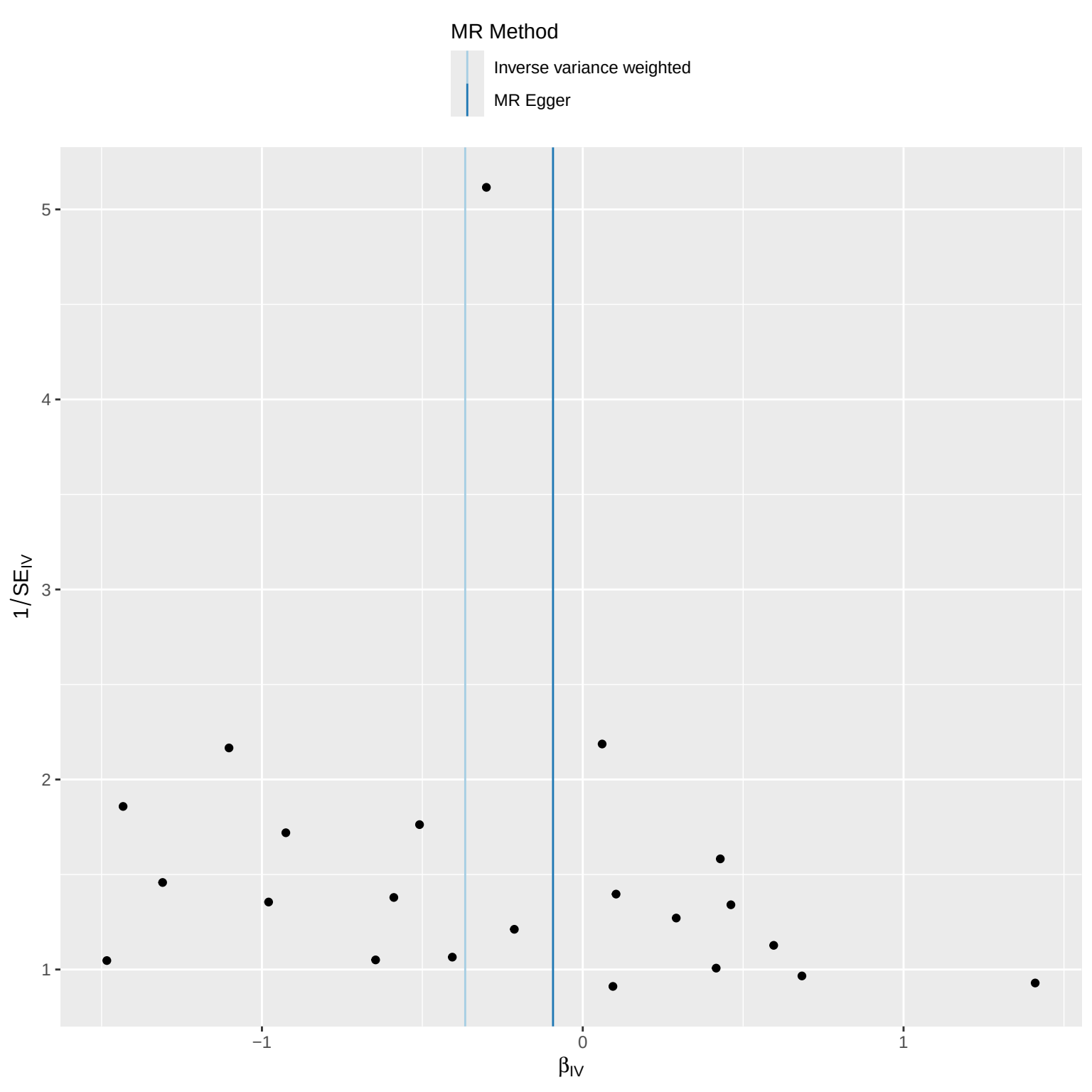

MR Method
Inverse variance weighted
MR Egger
25
20
15
10
5
0
1/SE_IV
0
1
β_IV

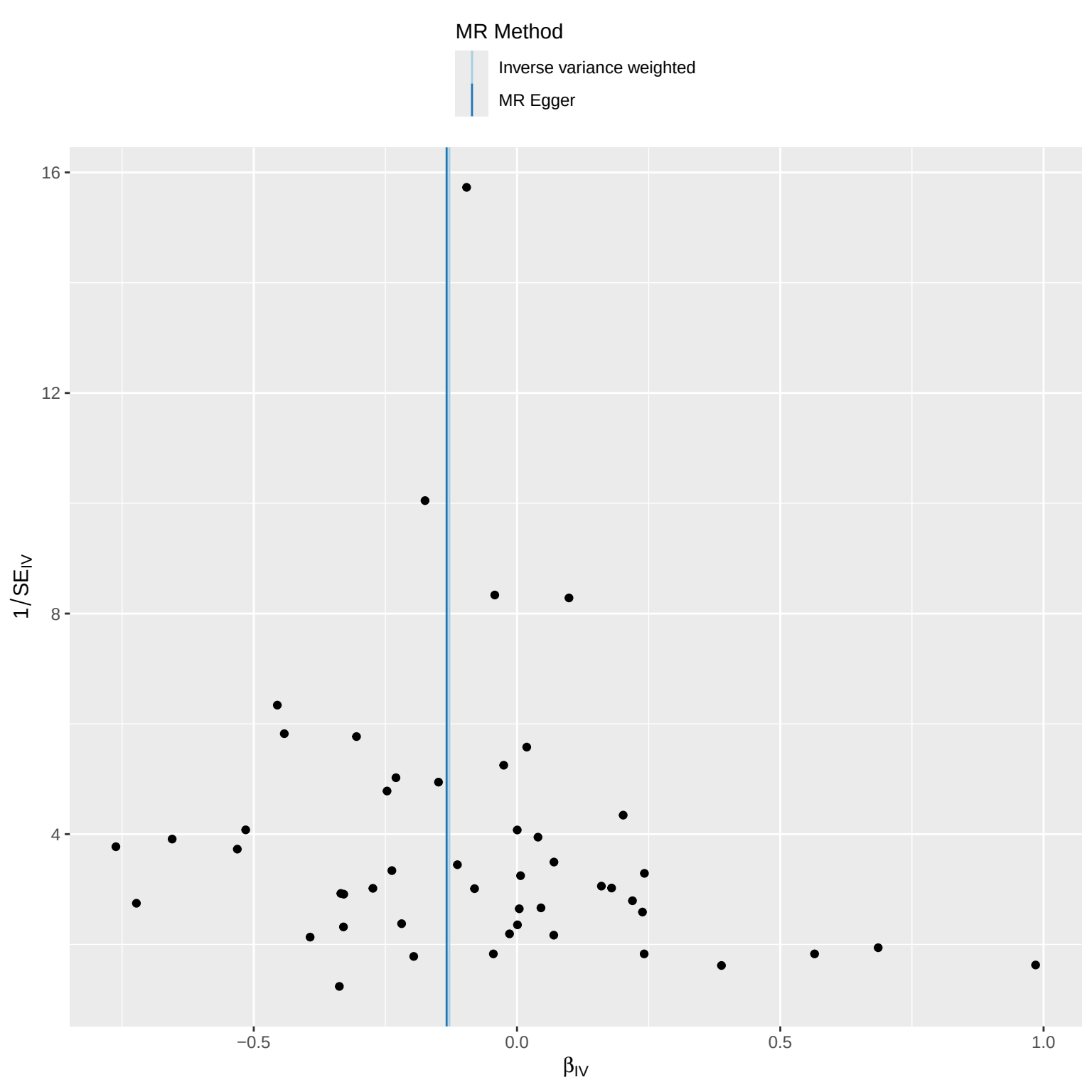

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

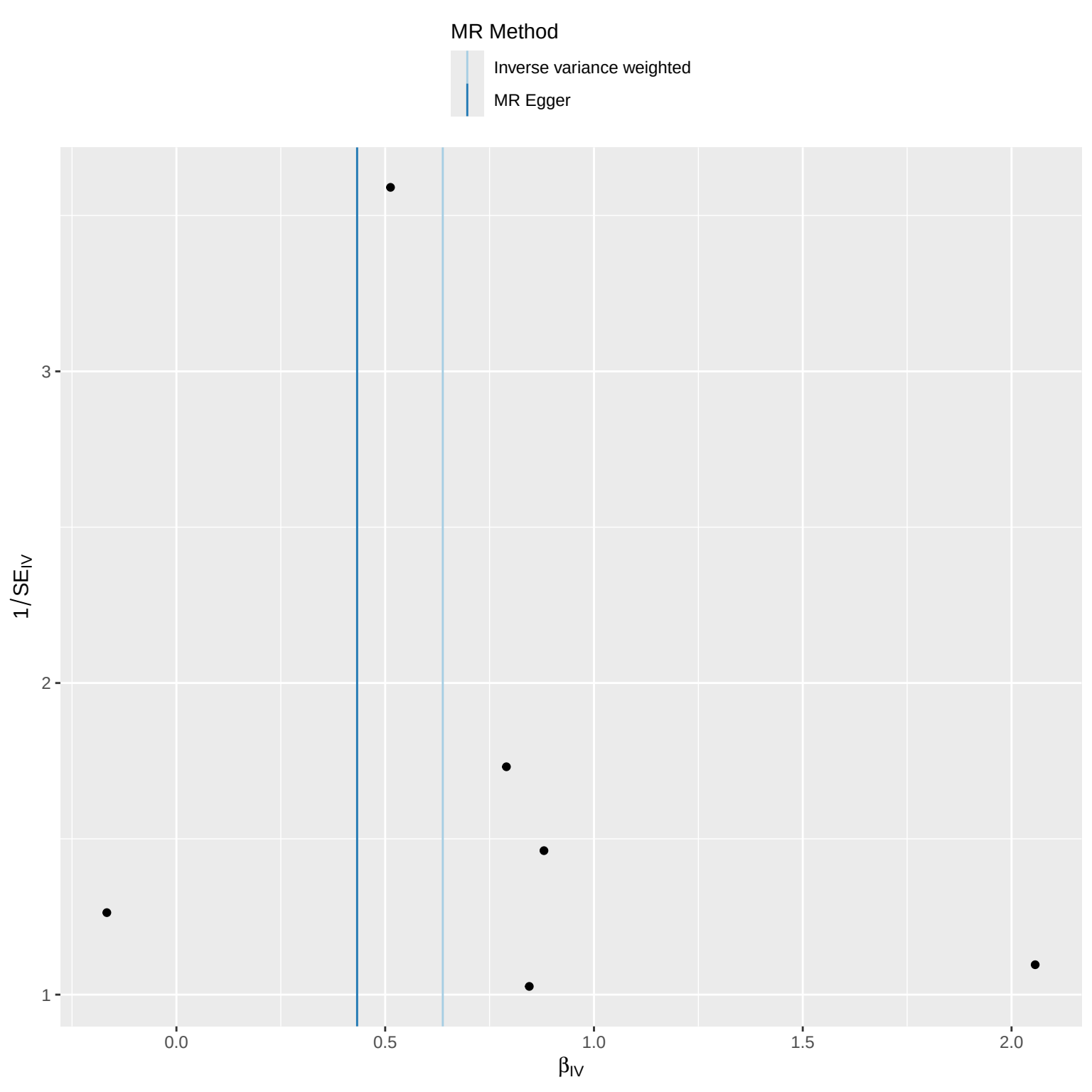

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
0.4
0.6
0.8
1.0
1.2
1.4
β_IV

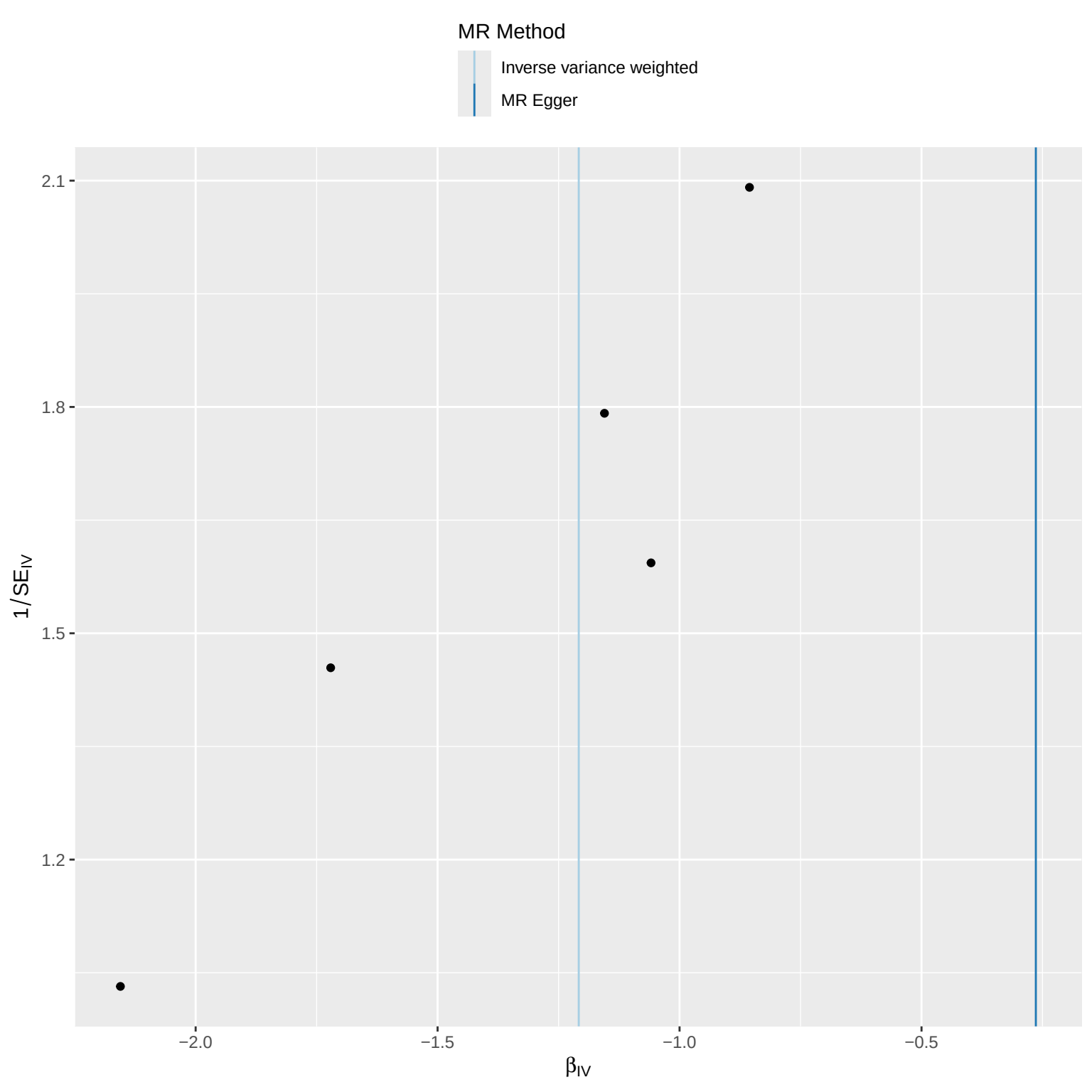

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

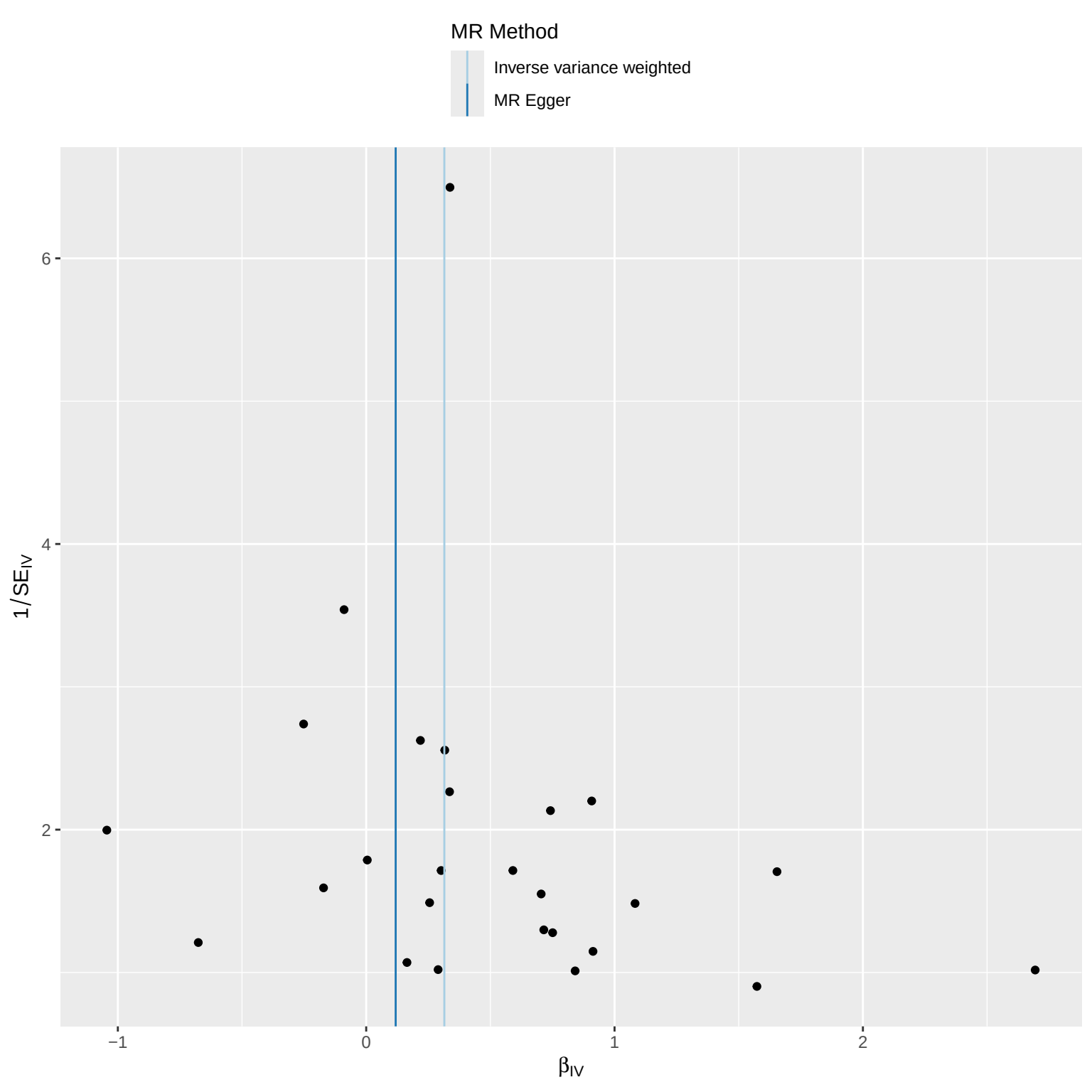

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

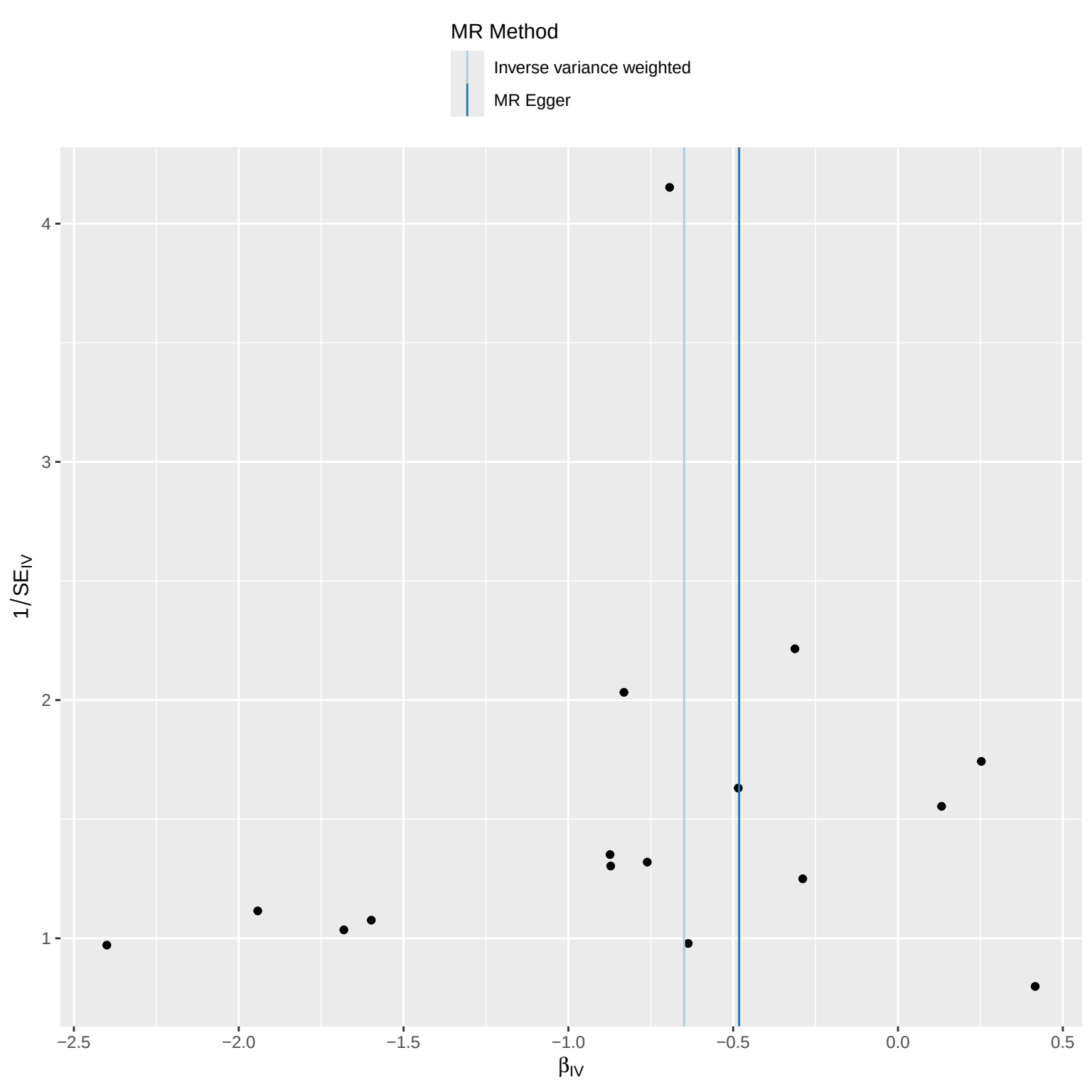

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

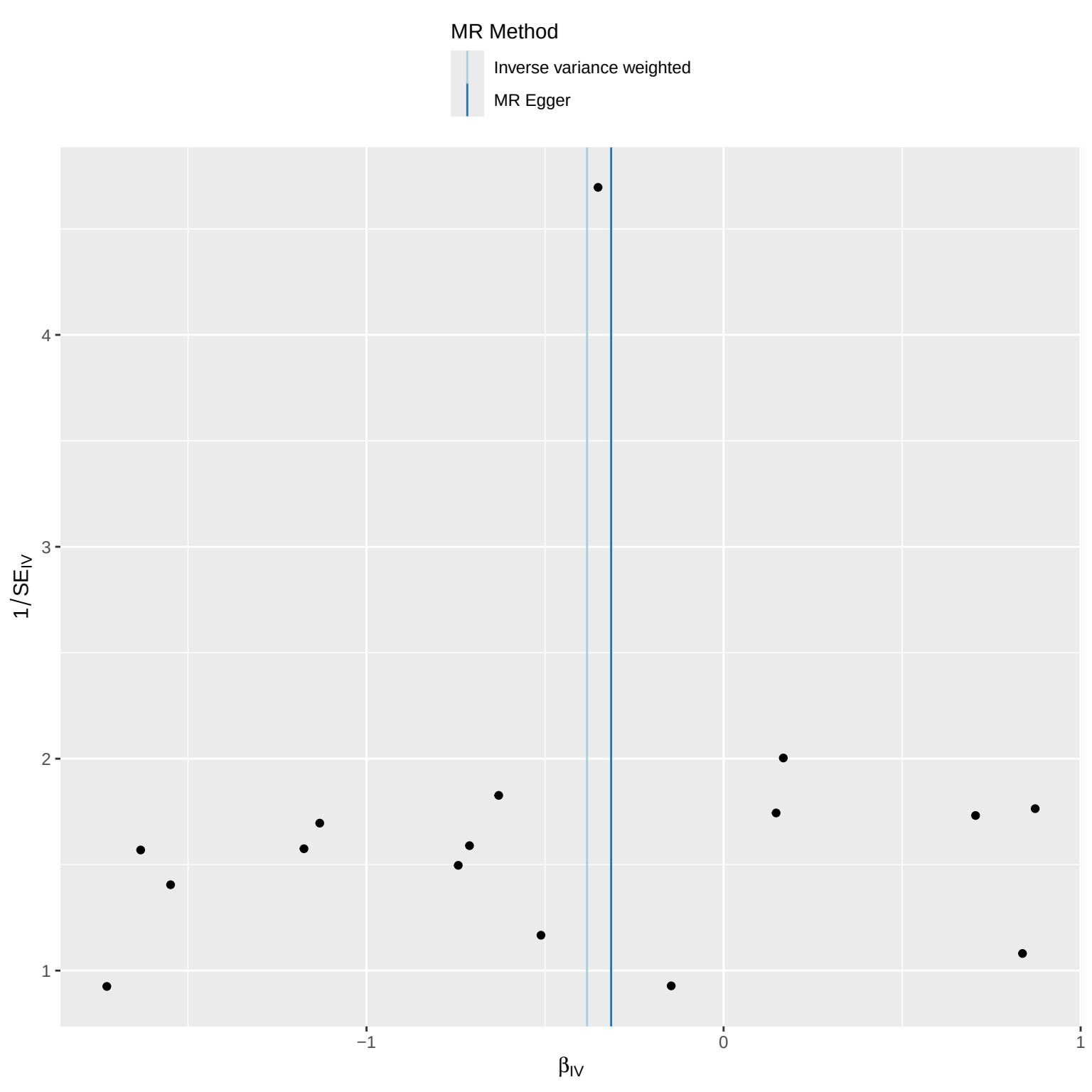

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

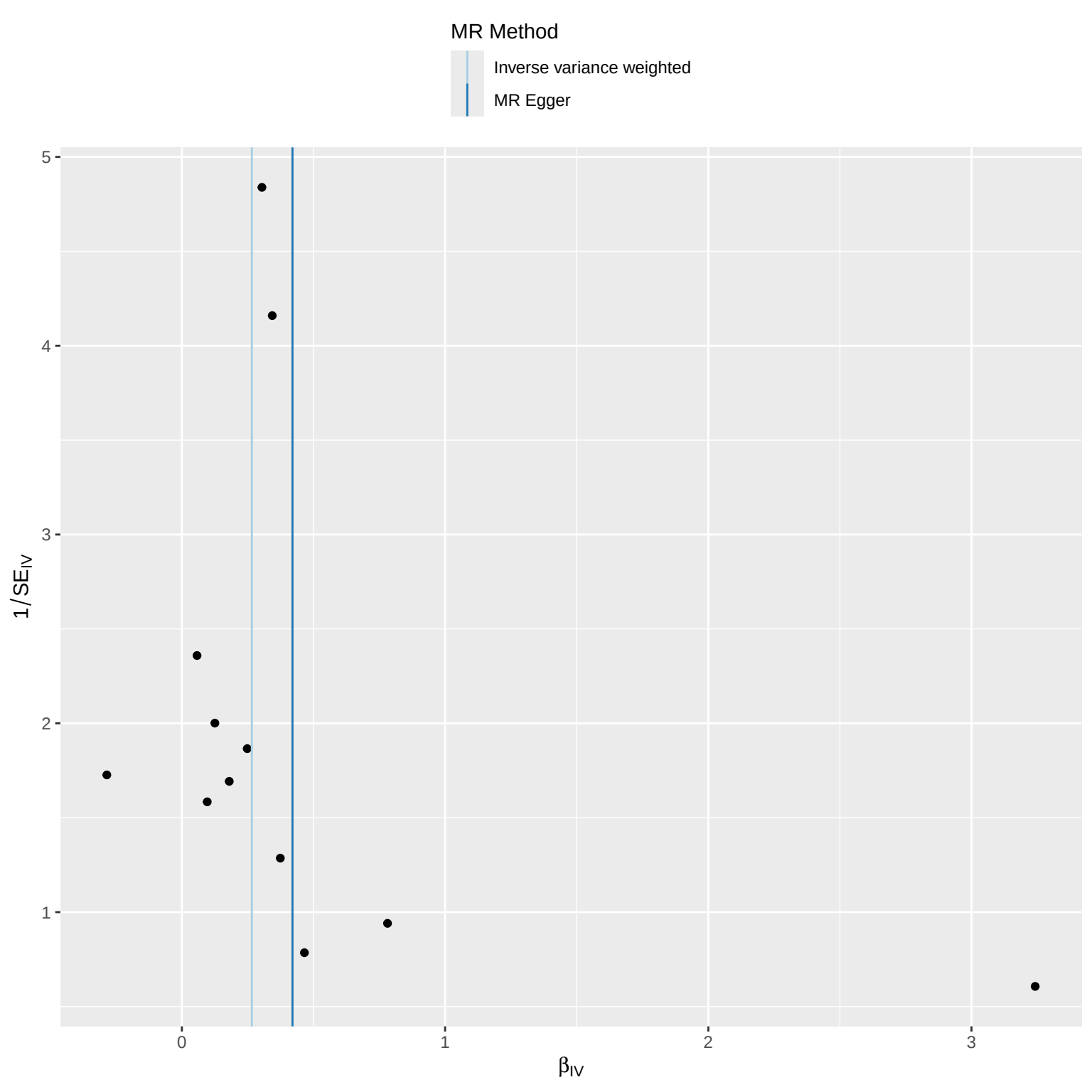

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

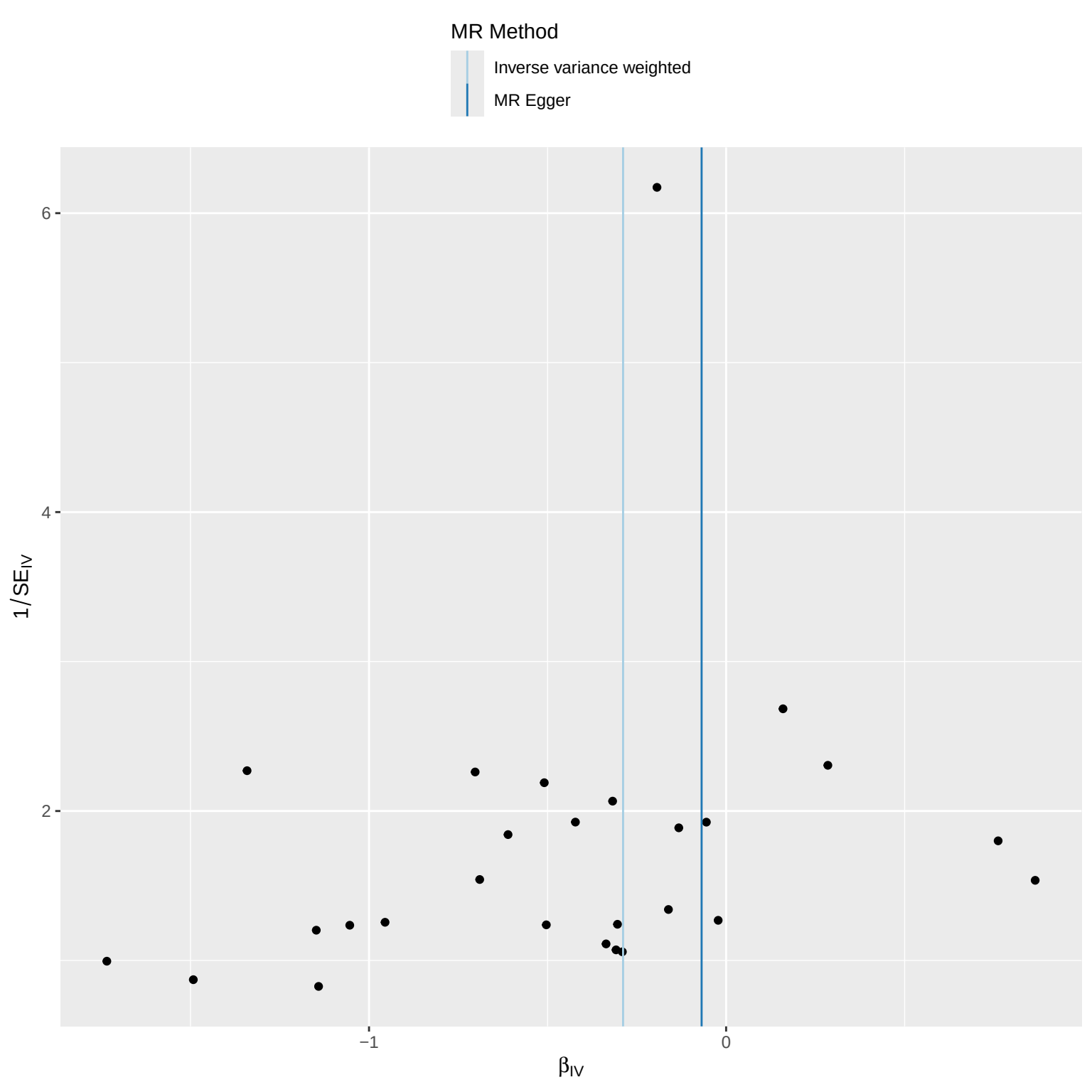

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

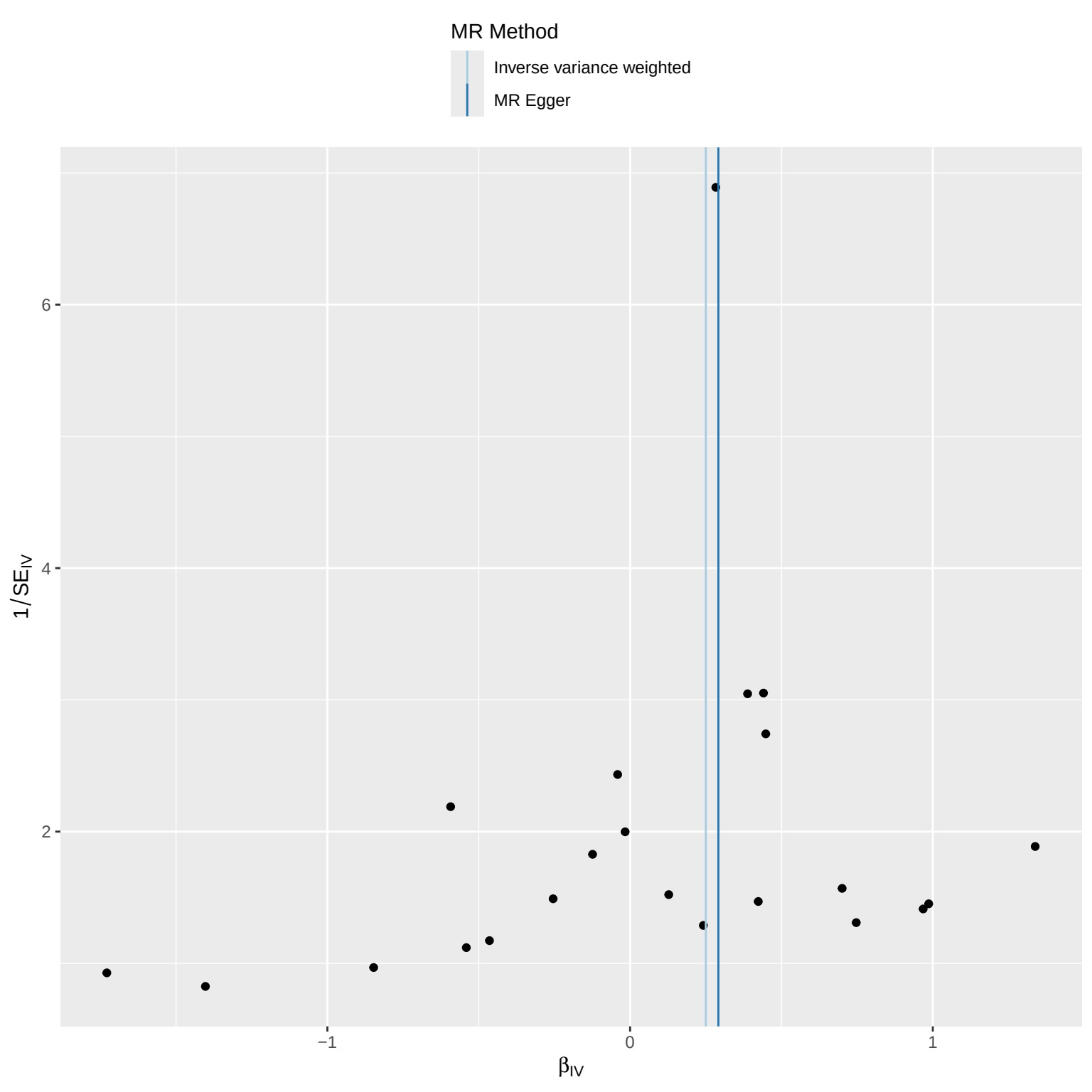

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

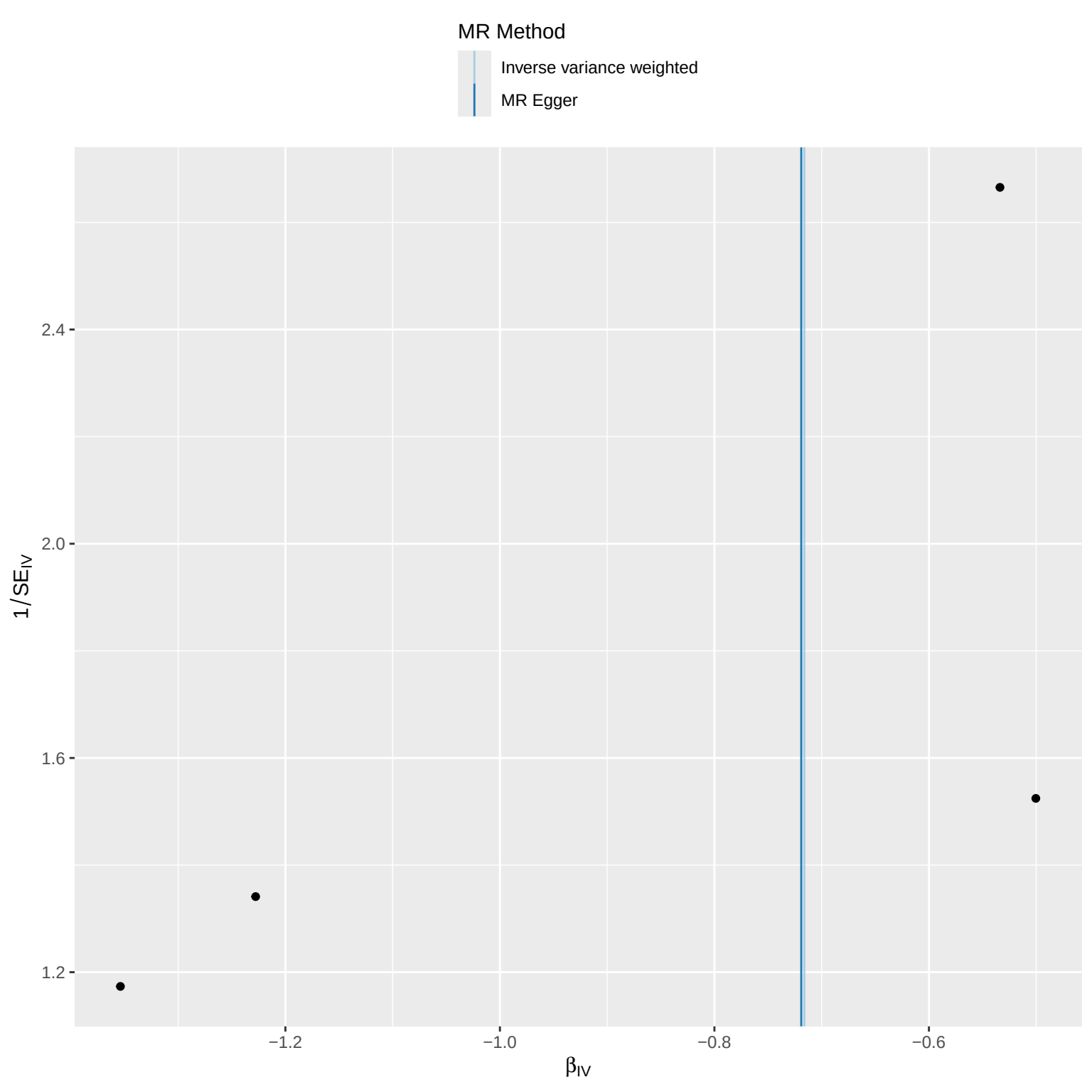

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

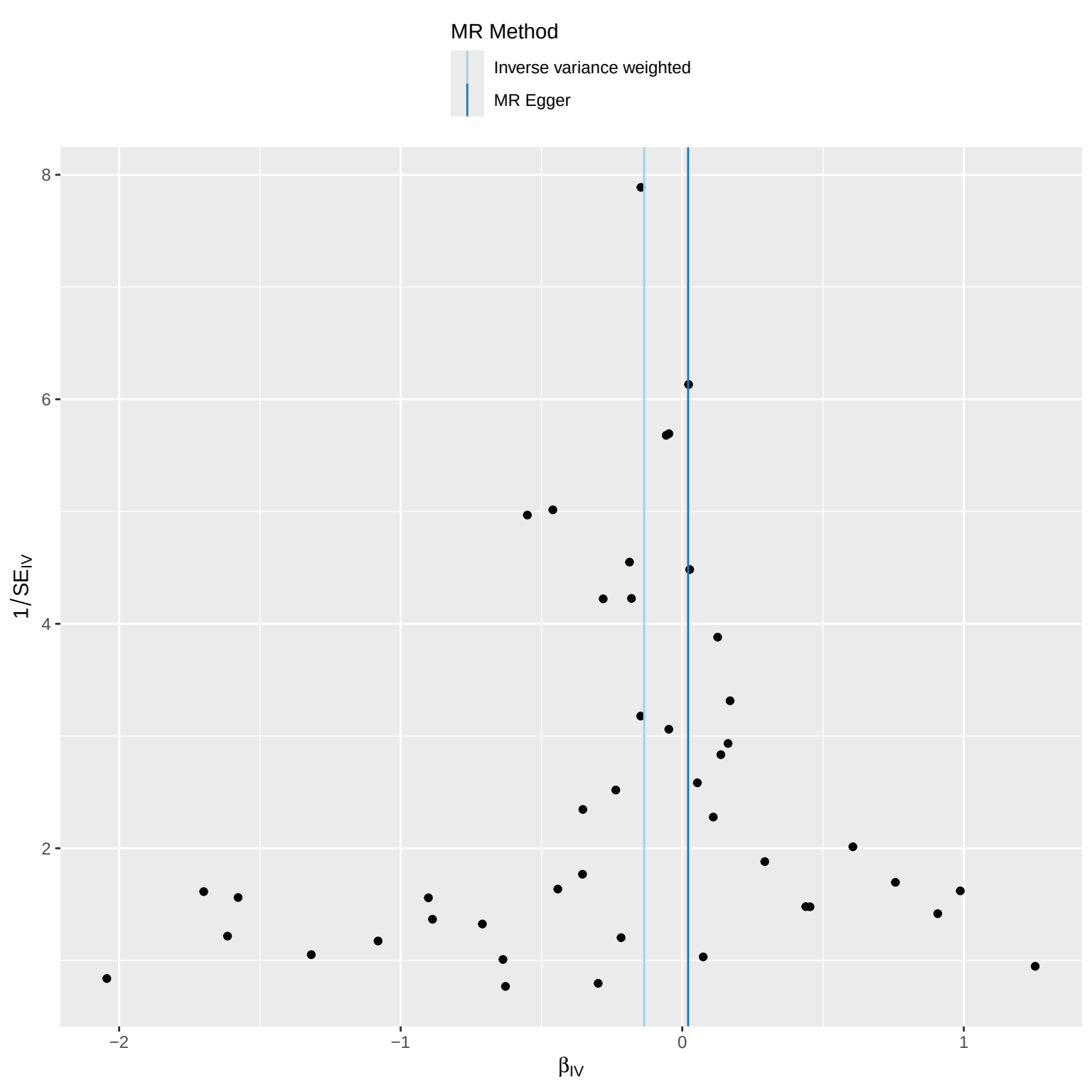

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

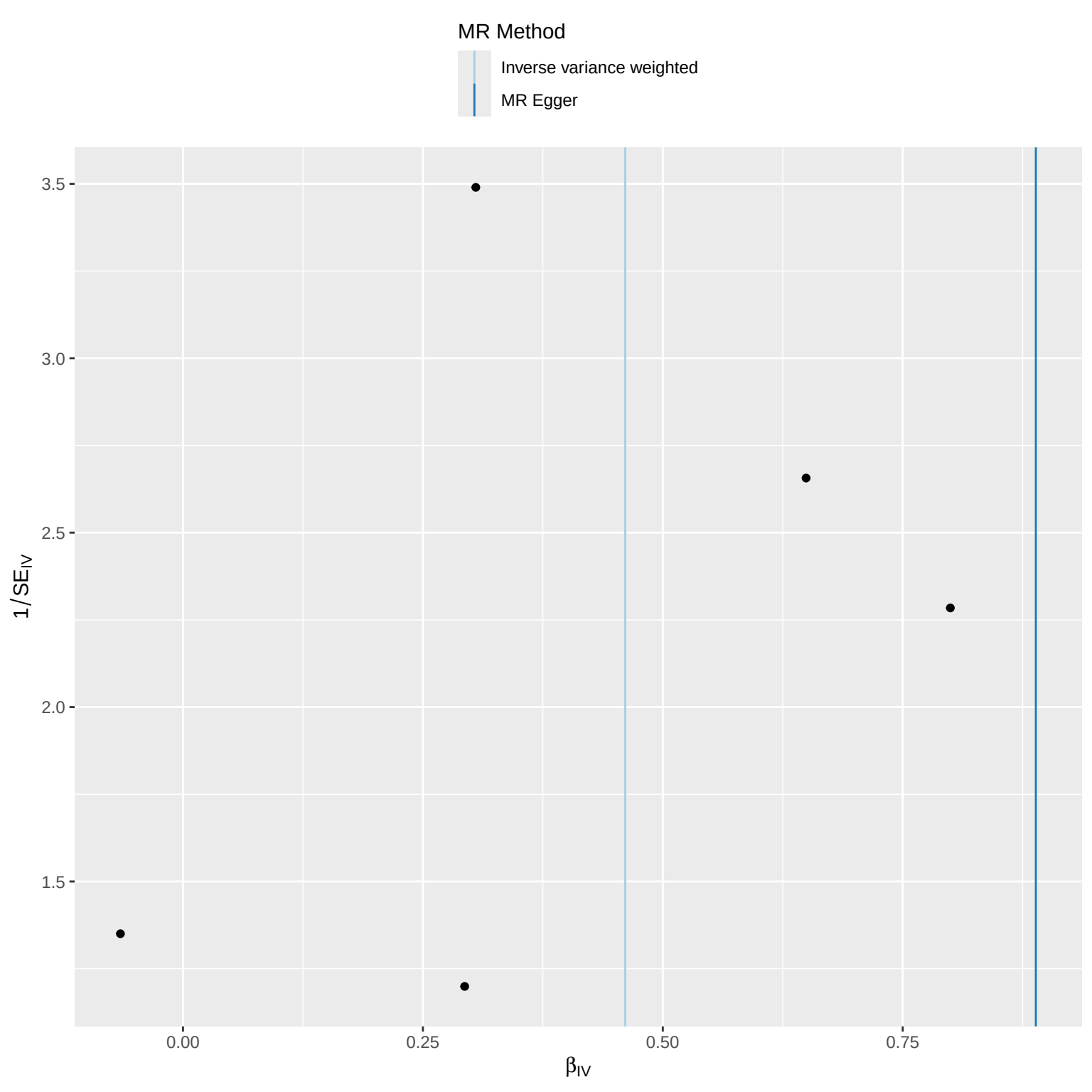

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

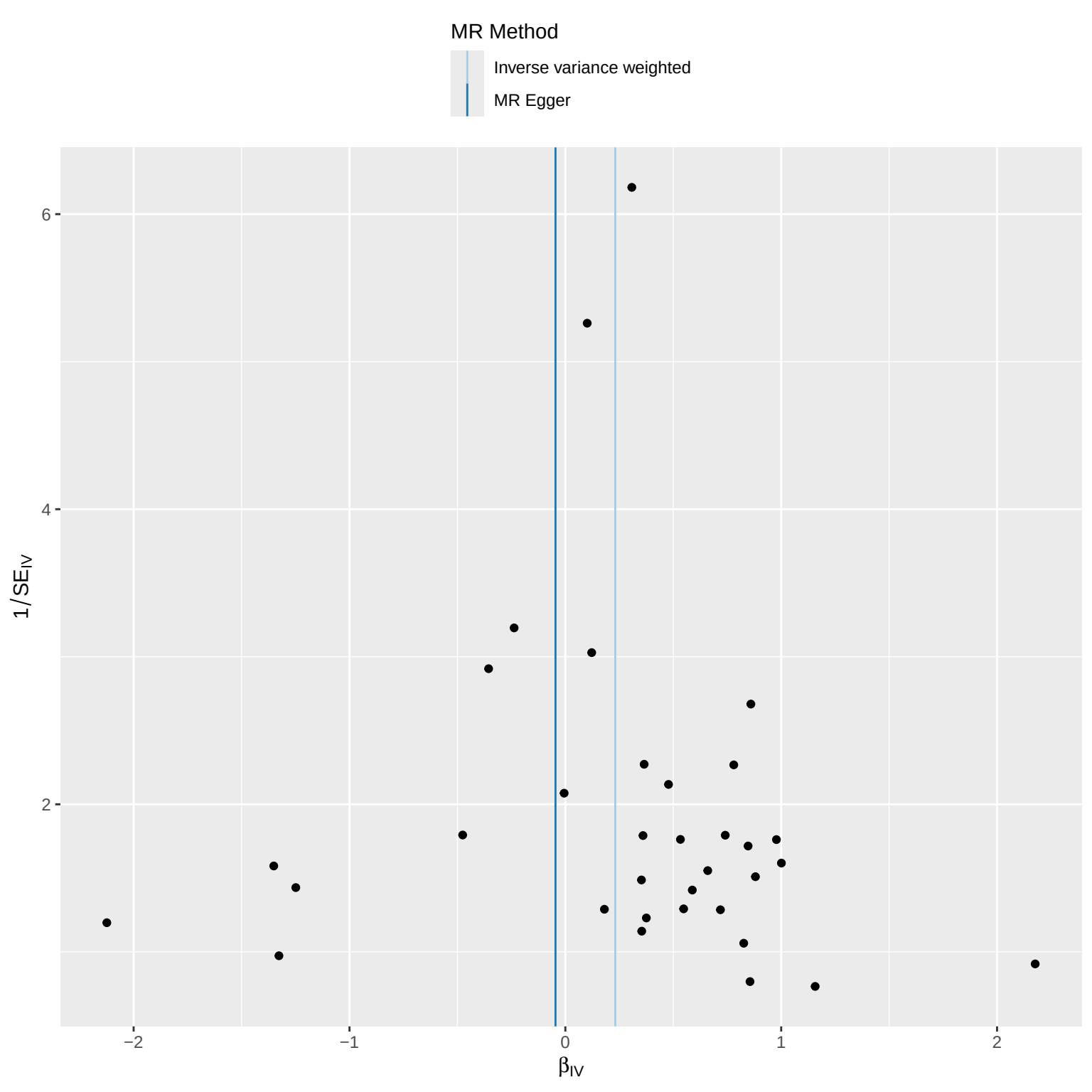

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
β_IV

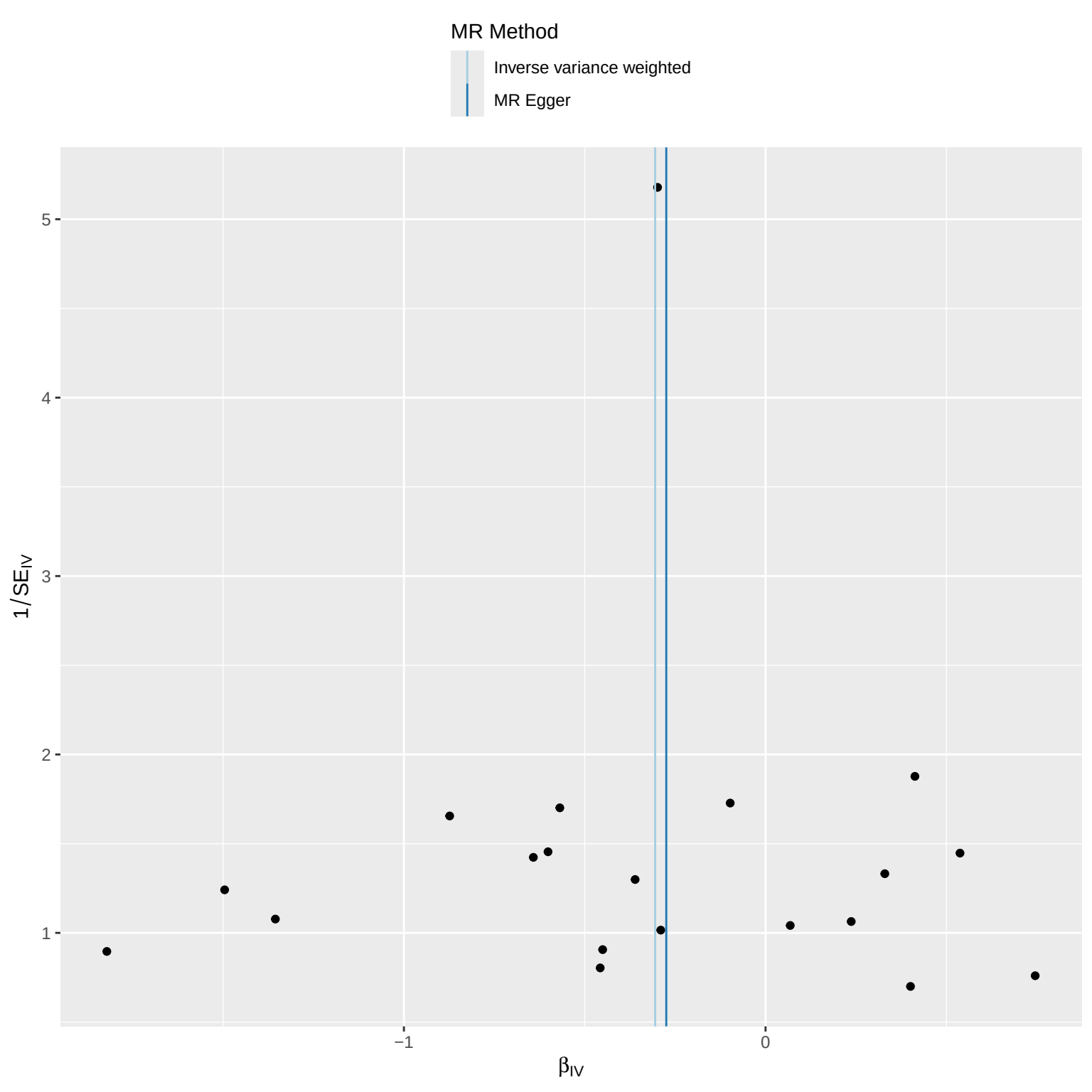

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

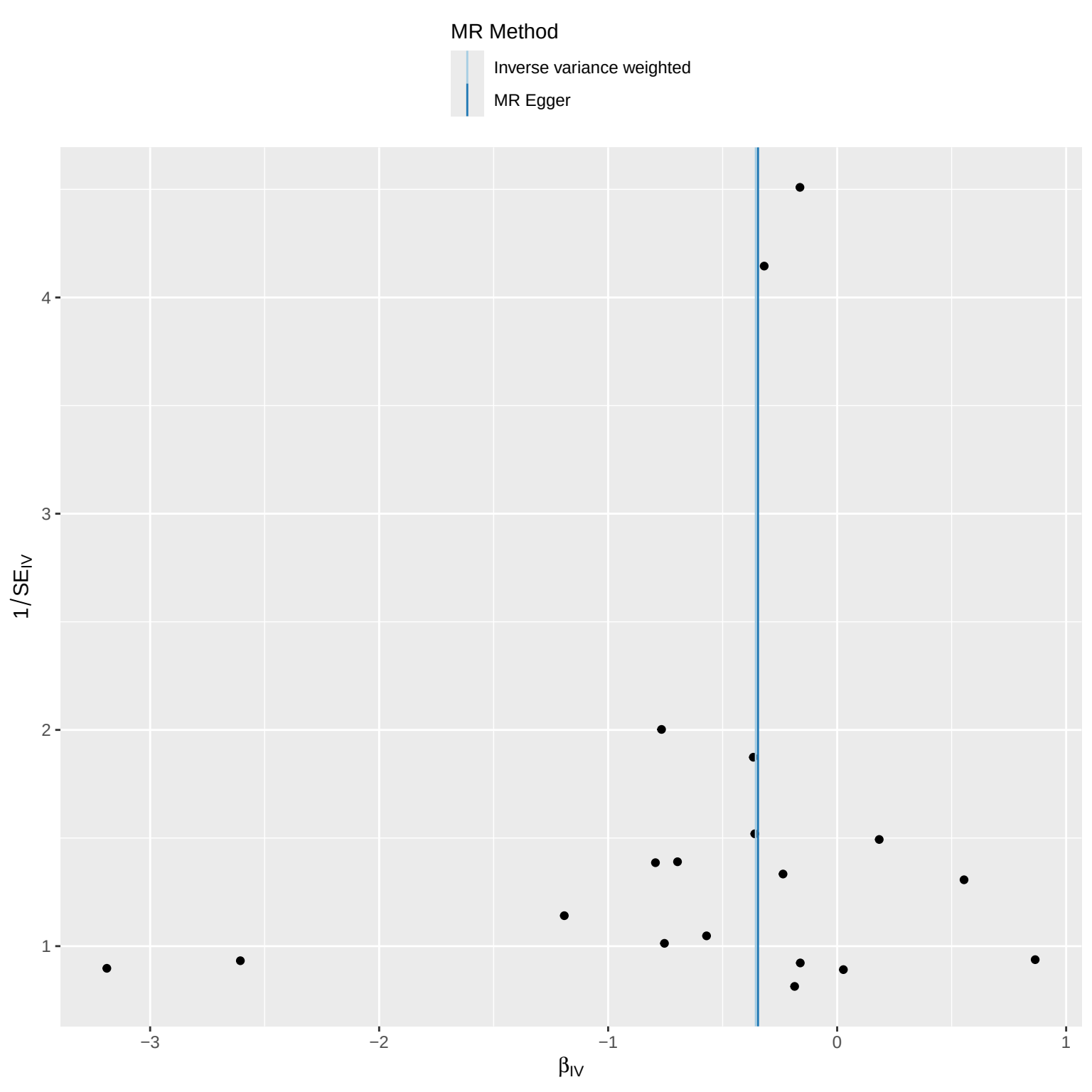

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
1/SE_IV
−1.2
−1.0
−0.8
−0.6
β_IV

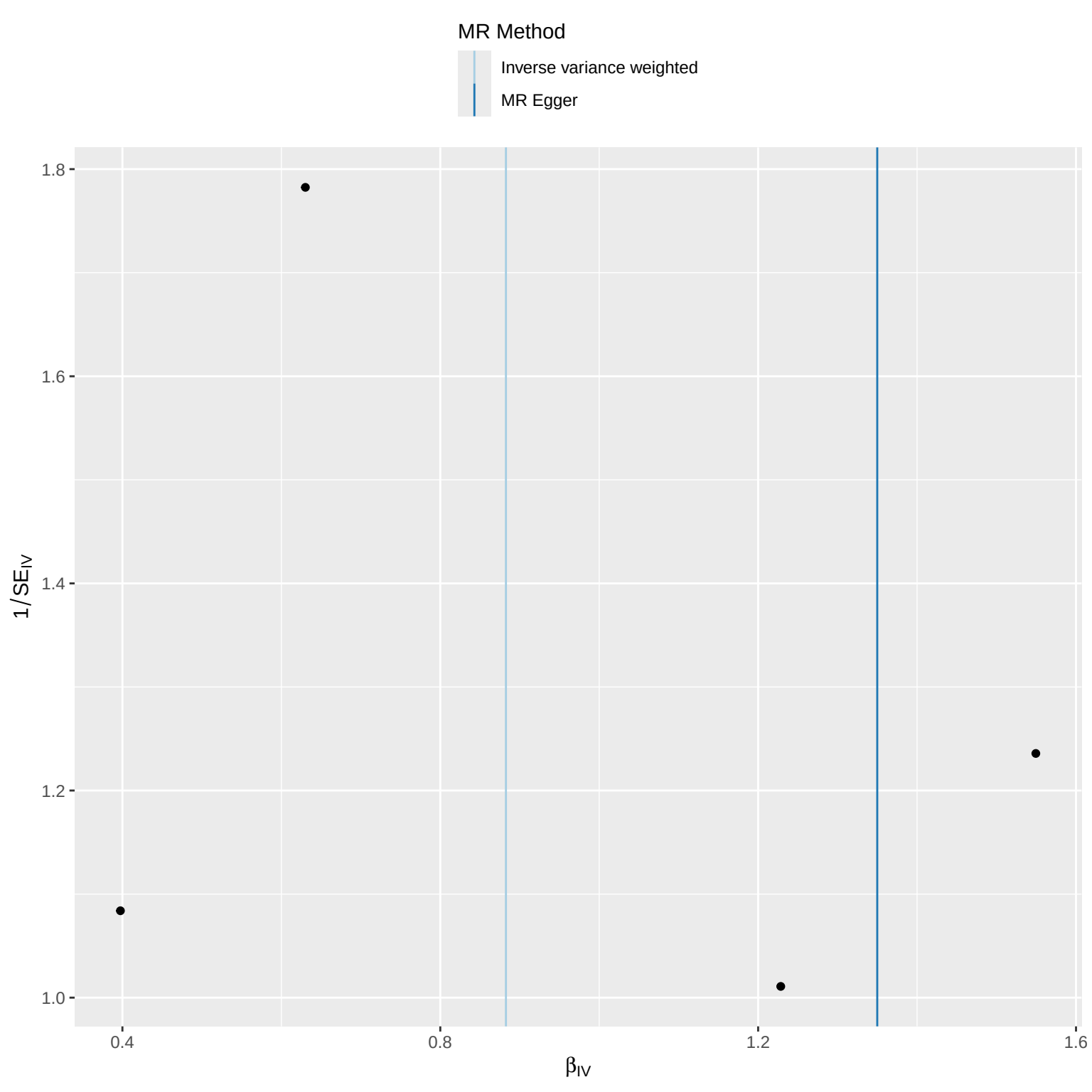

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

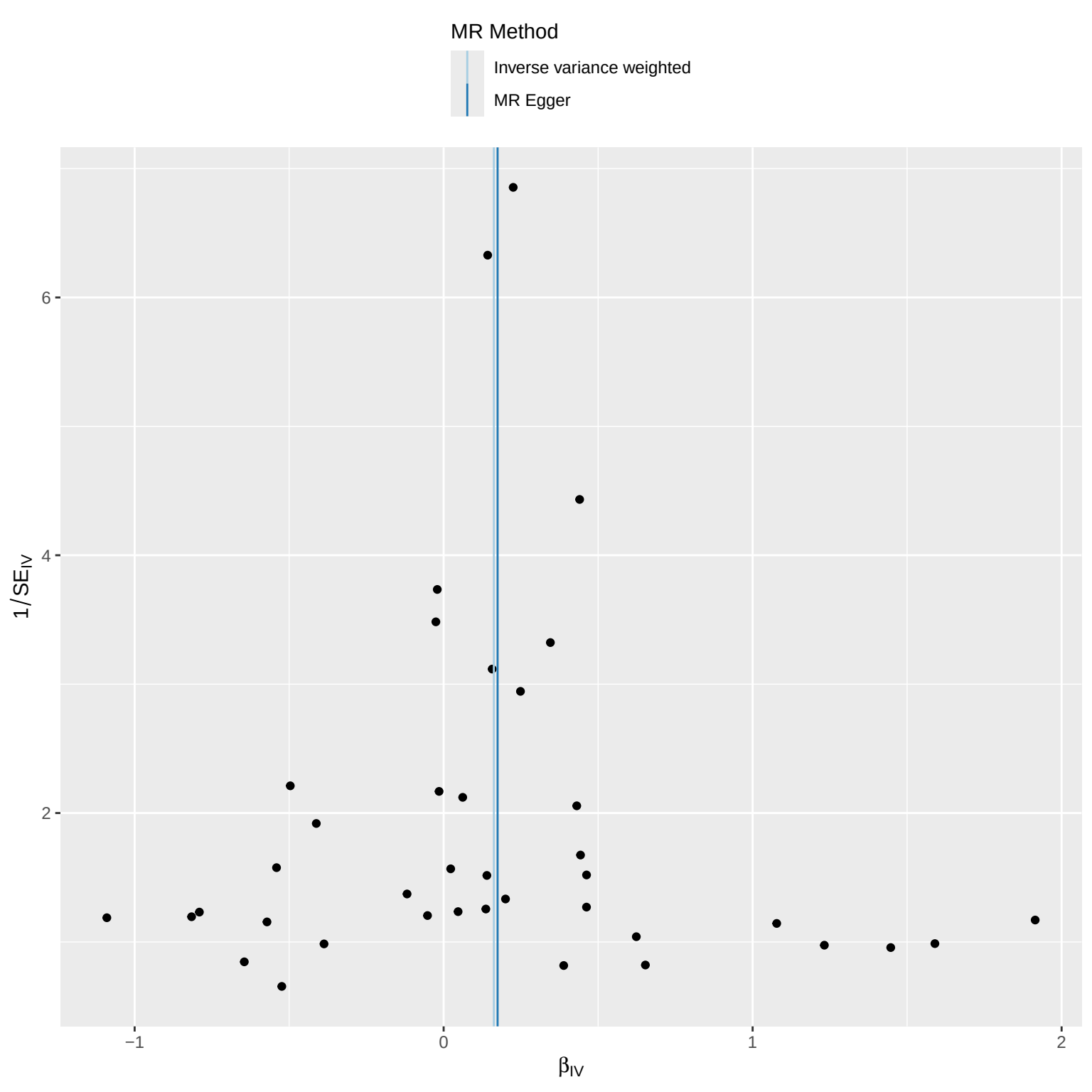

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

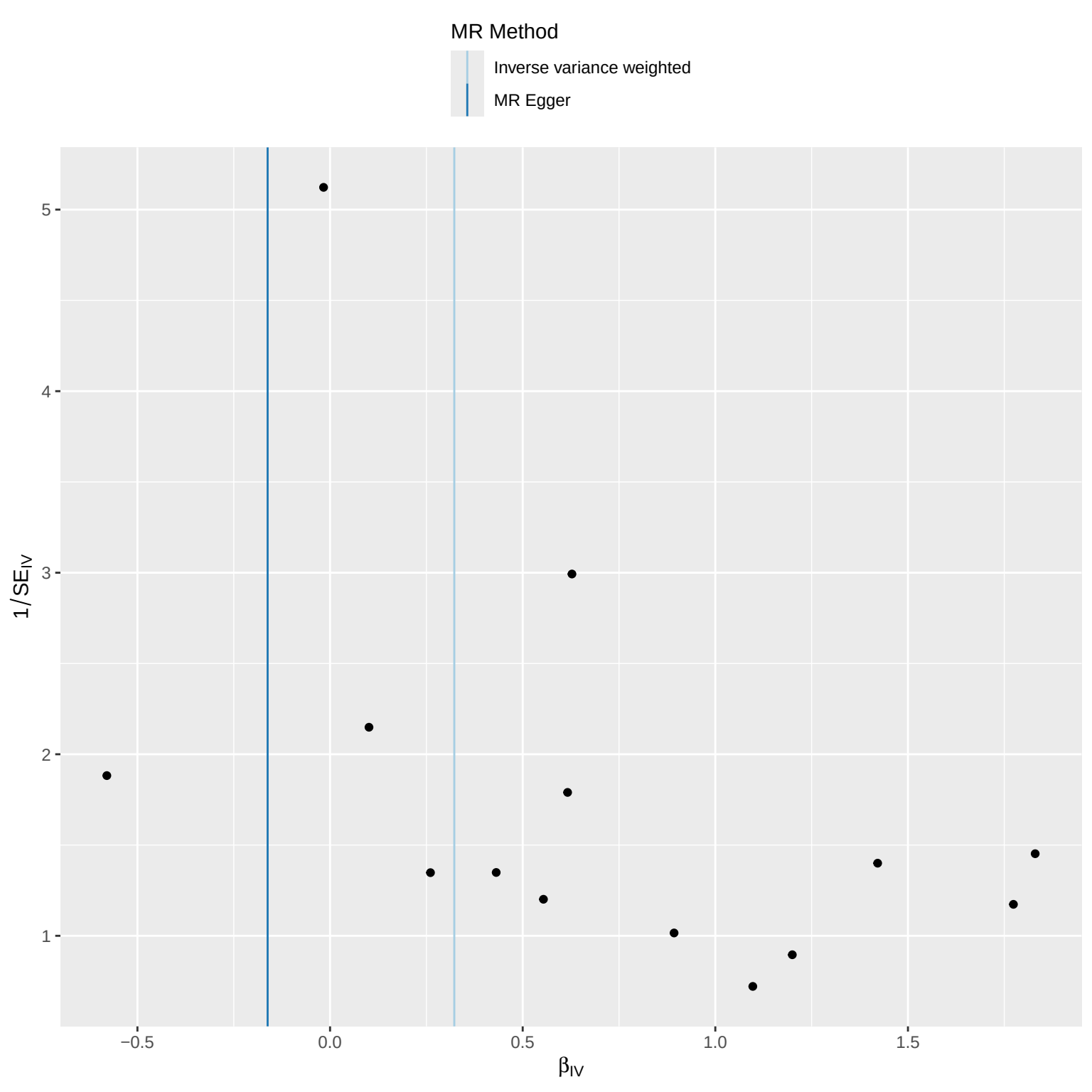

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

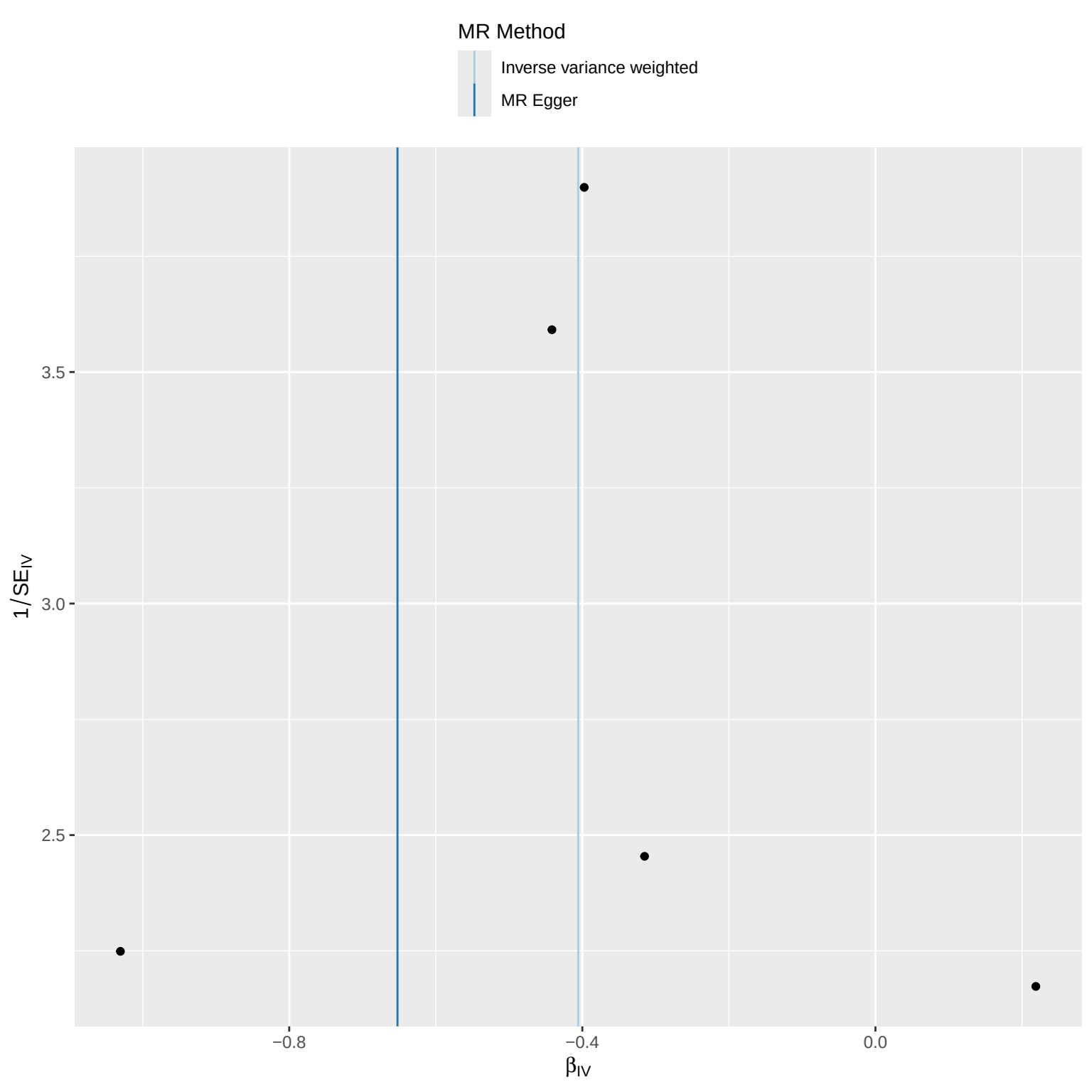

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
β_IV

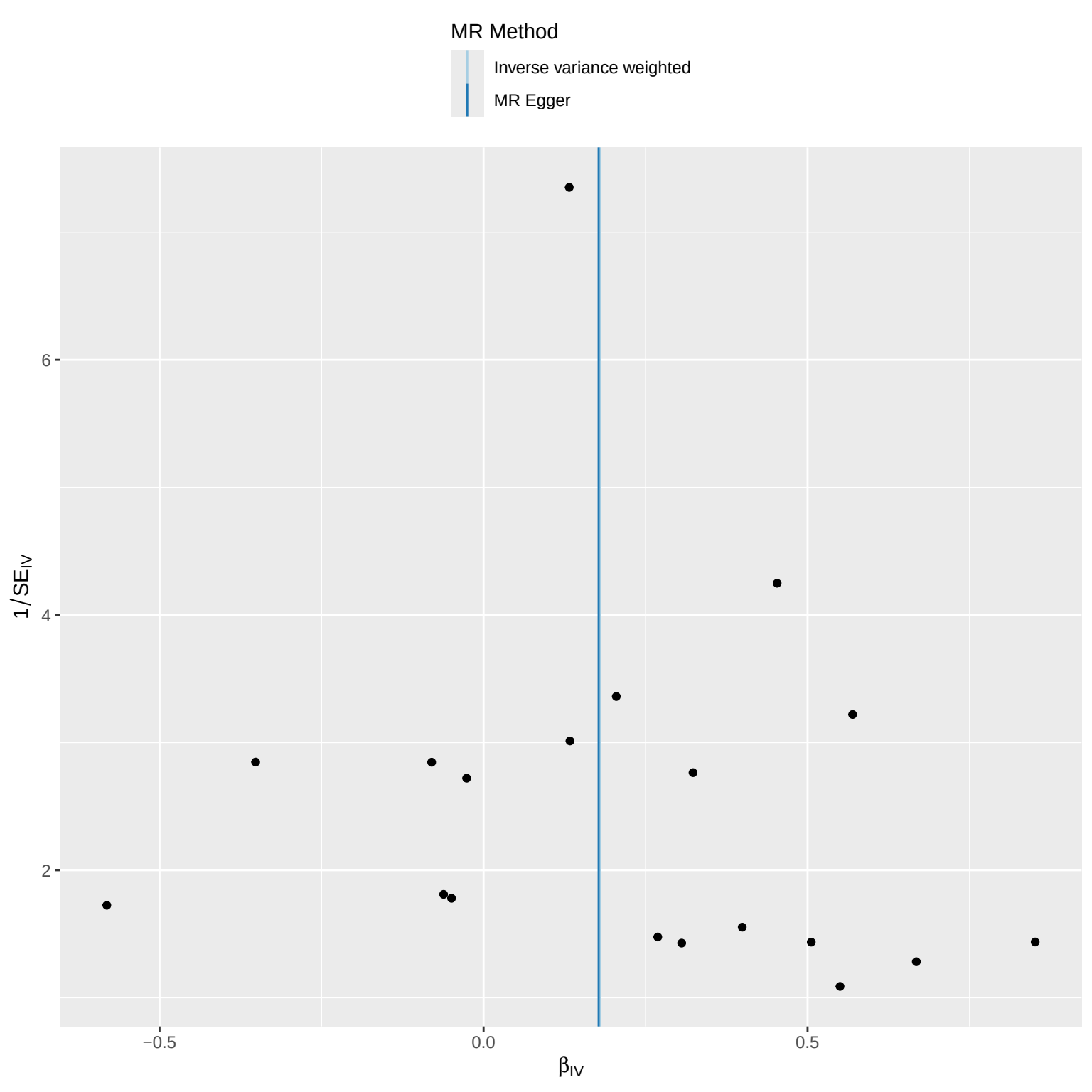

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

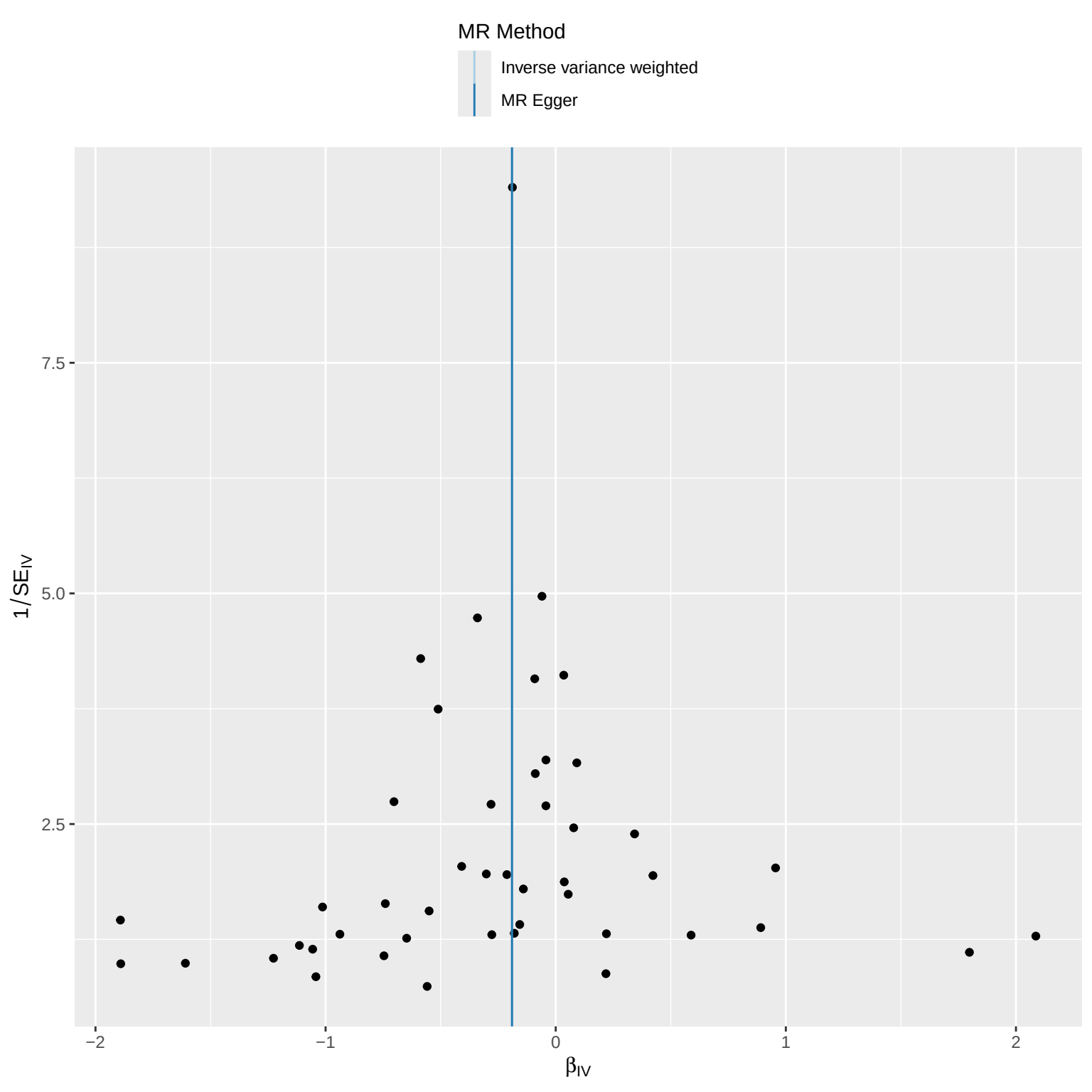

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
0.4
0.8
1.2
1.6
β_IV

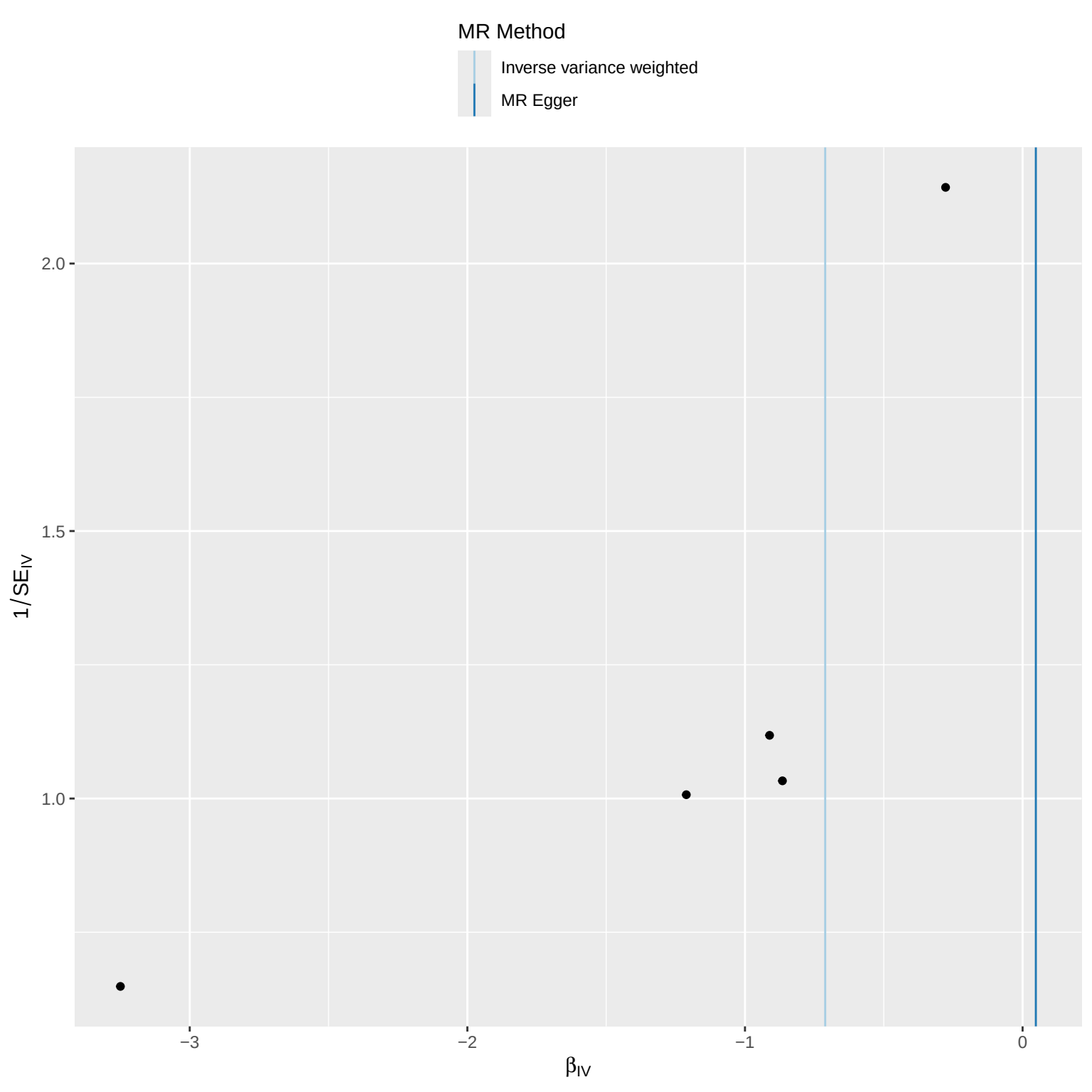

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

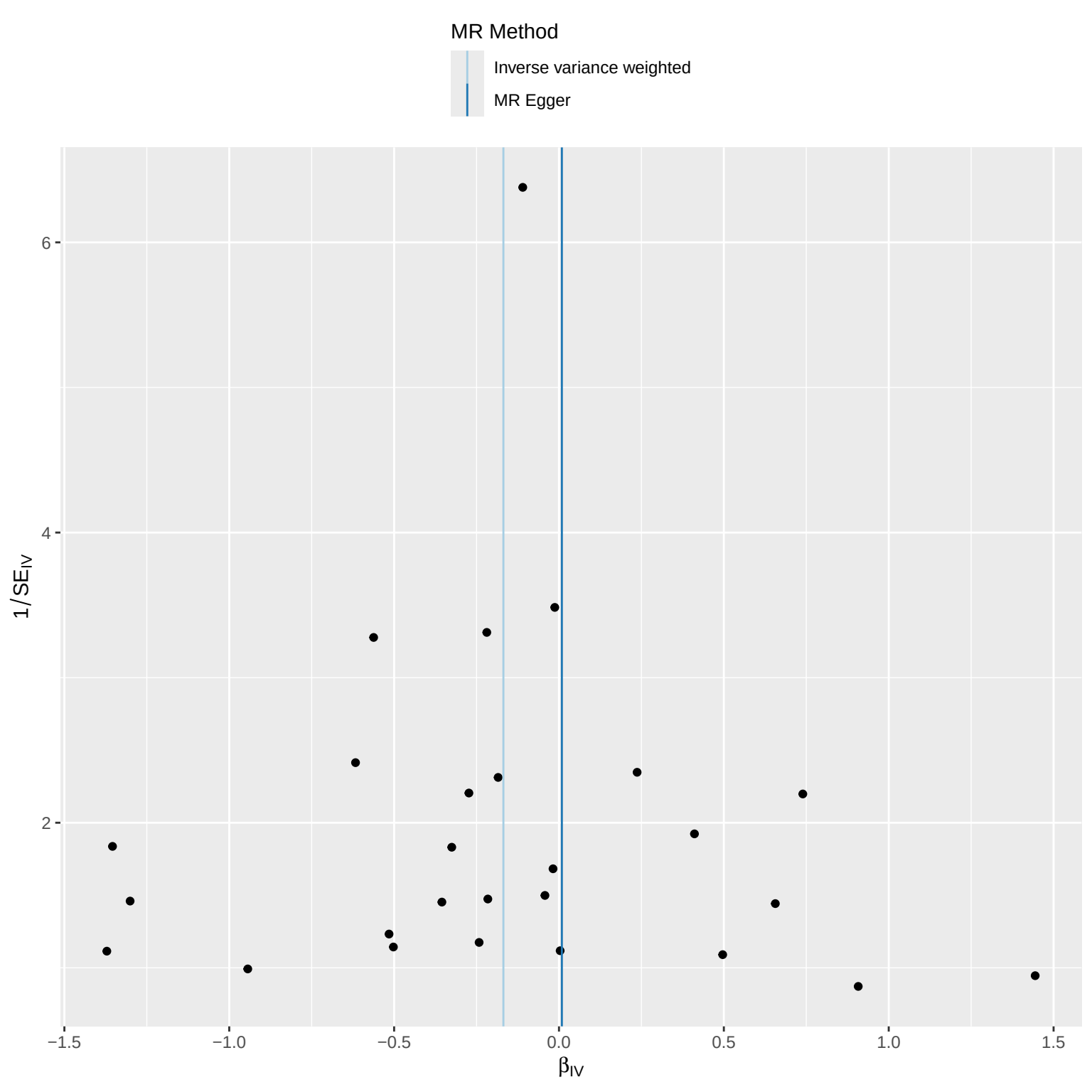

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

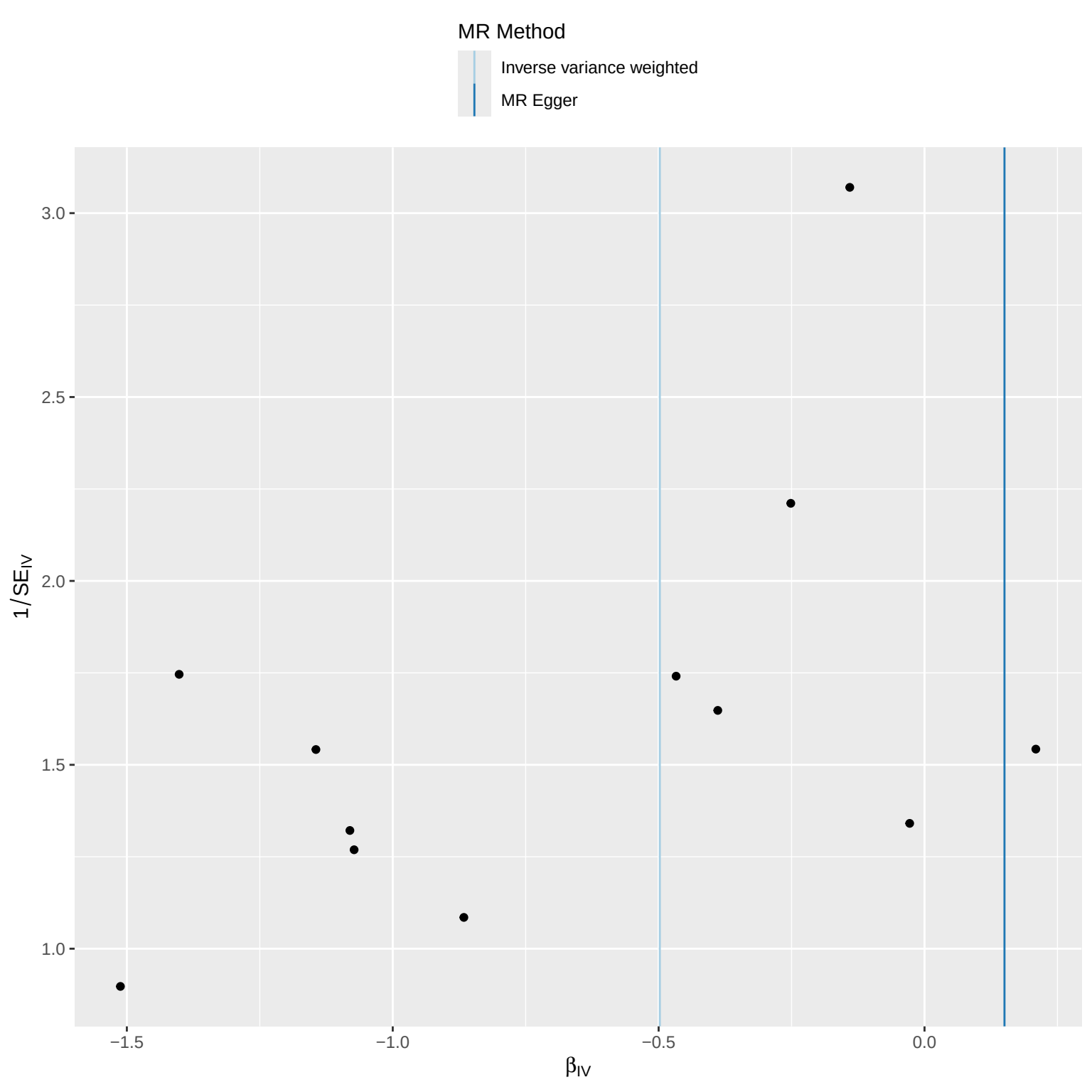

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
1/SE_IV
−0.8
−0.4
0.0
β_IV

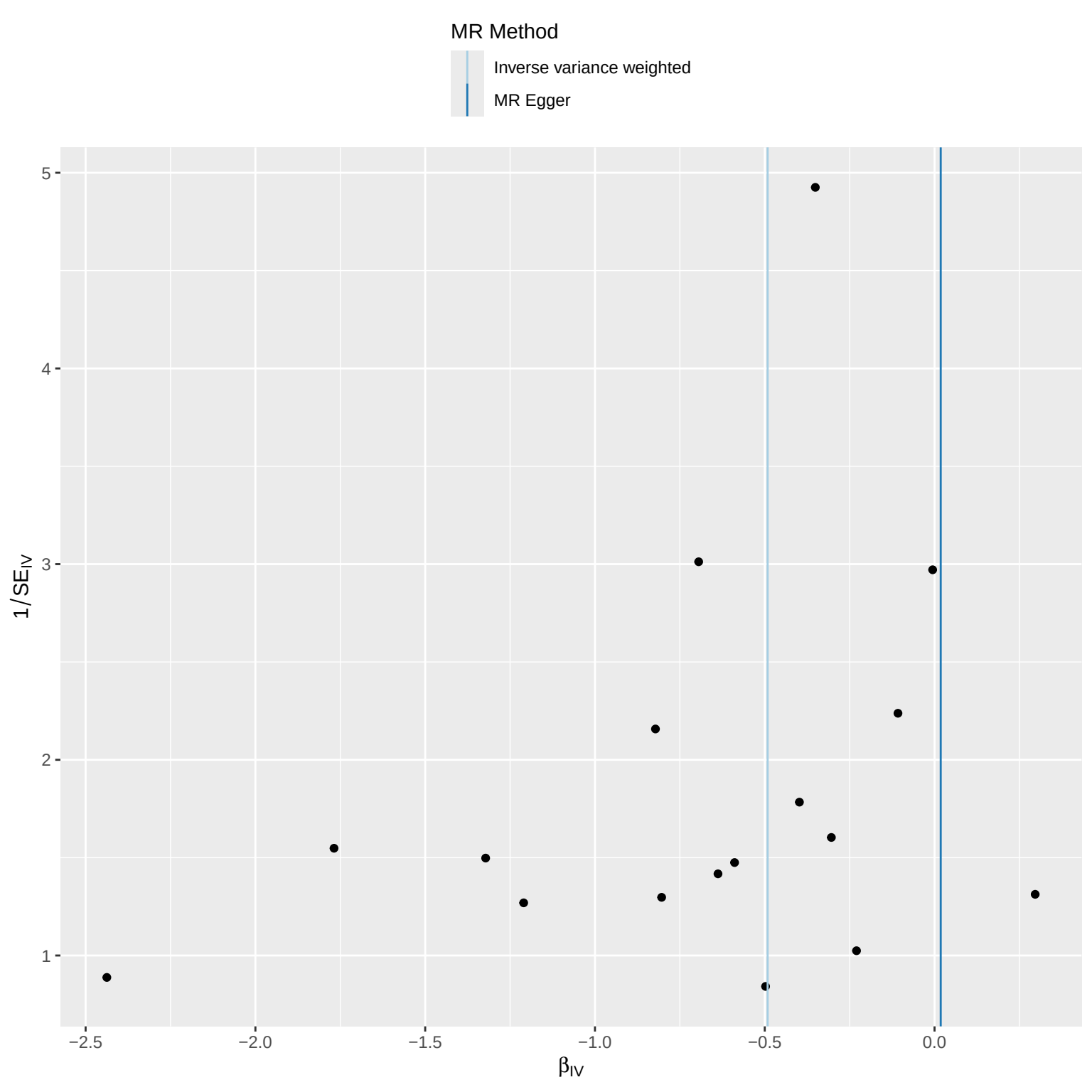

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

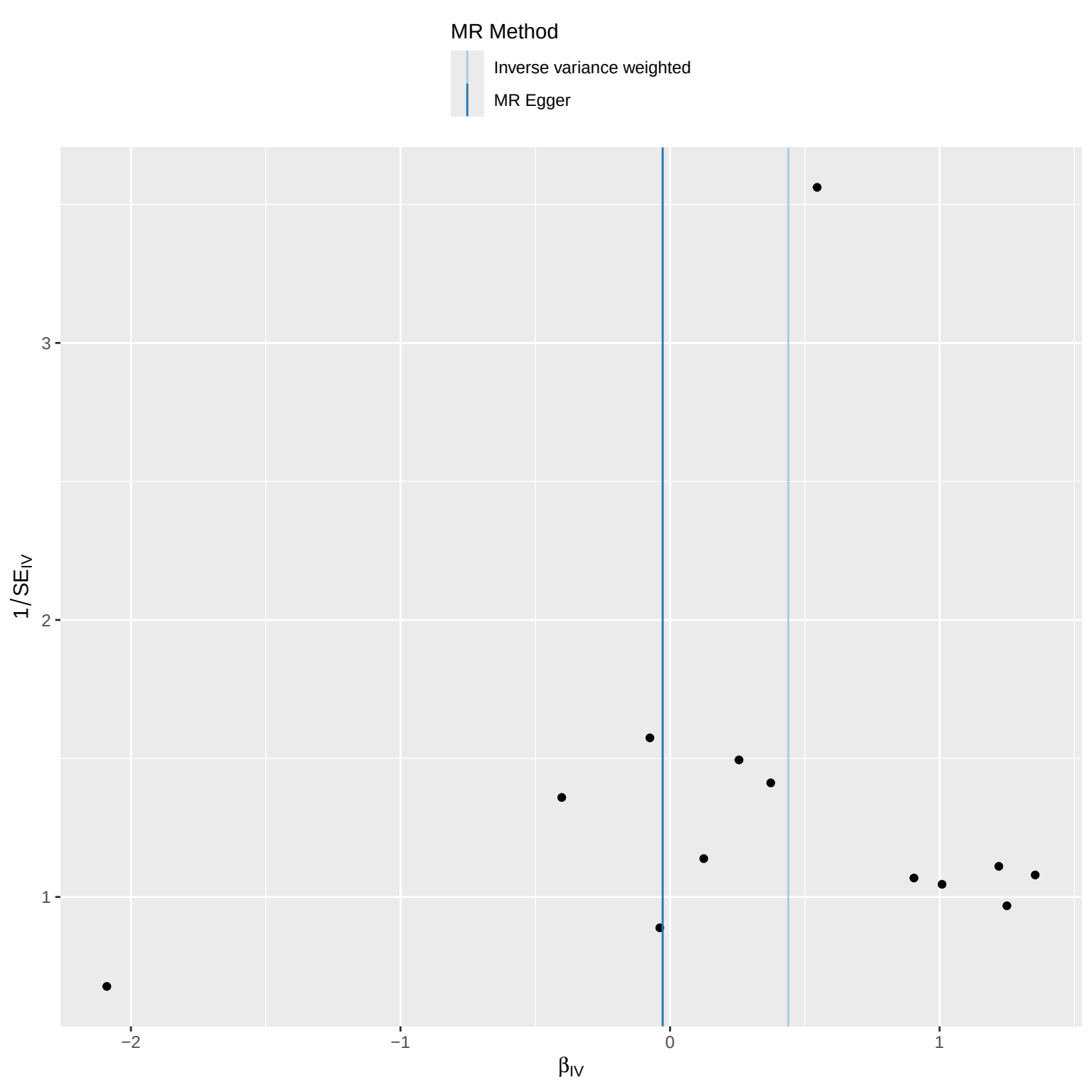

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

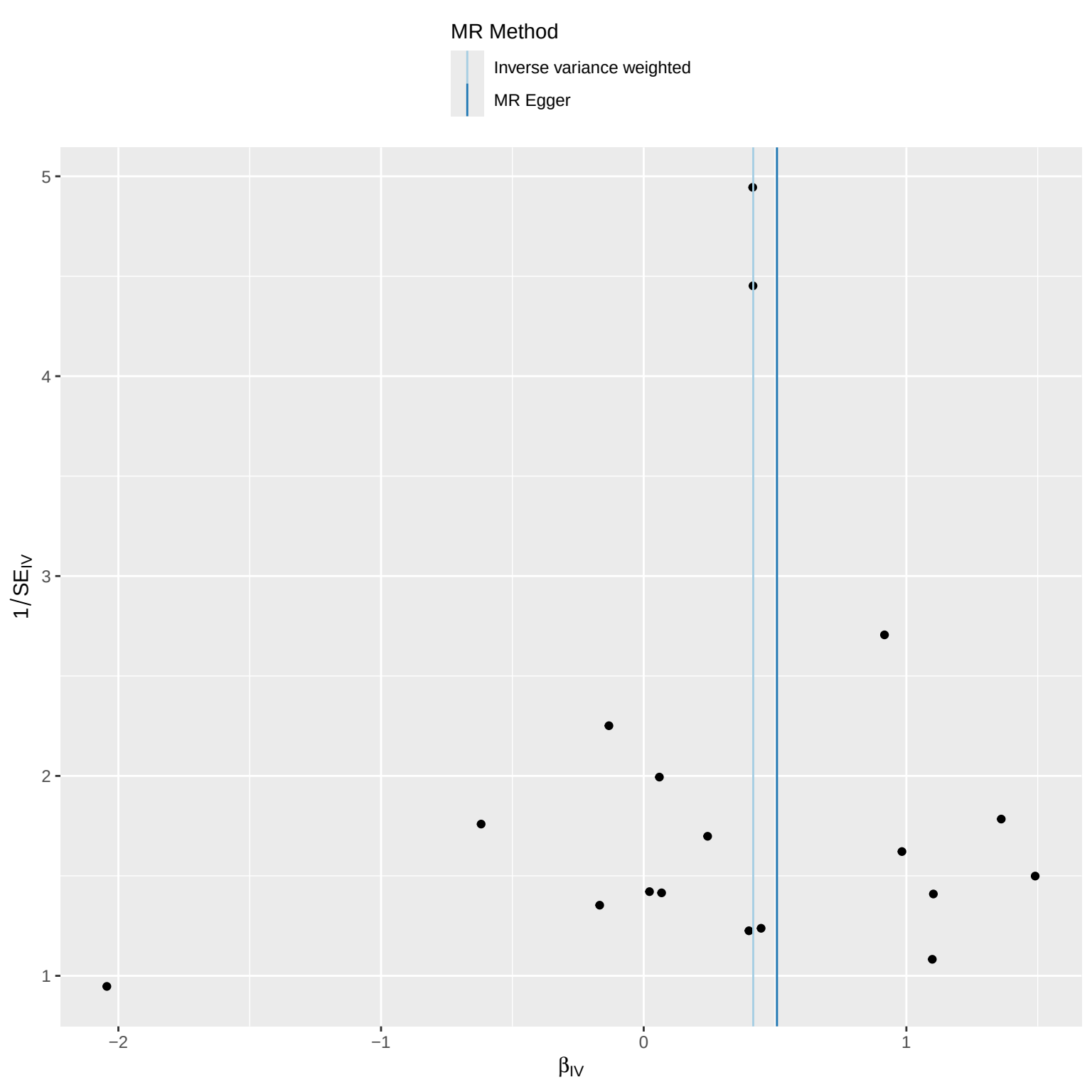

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

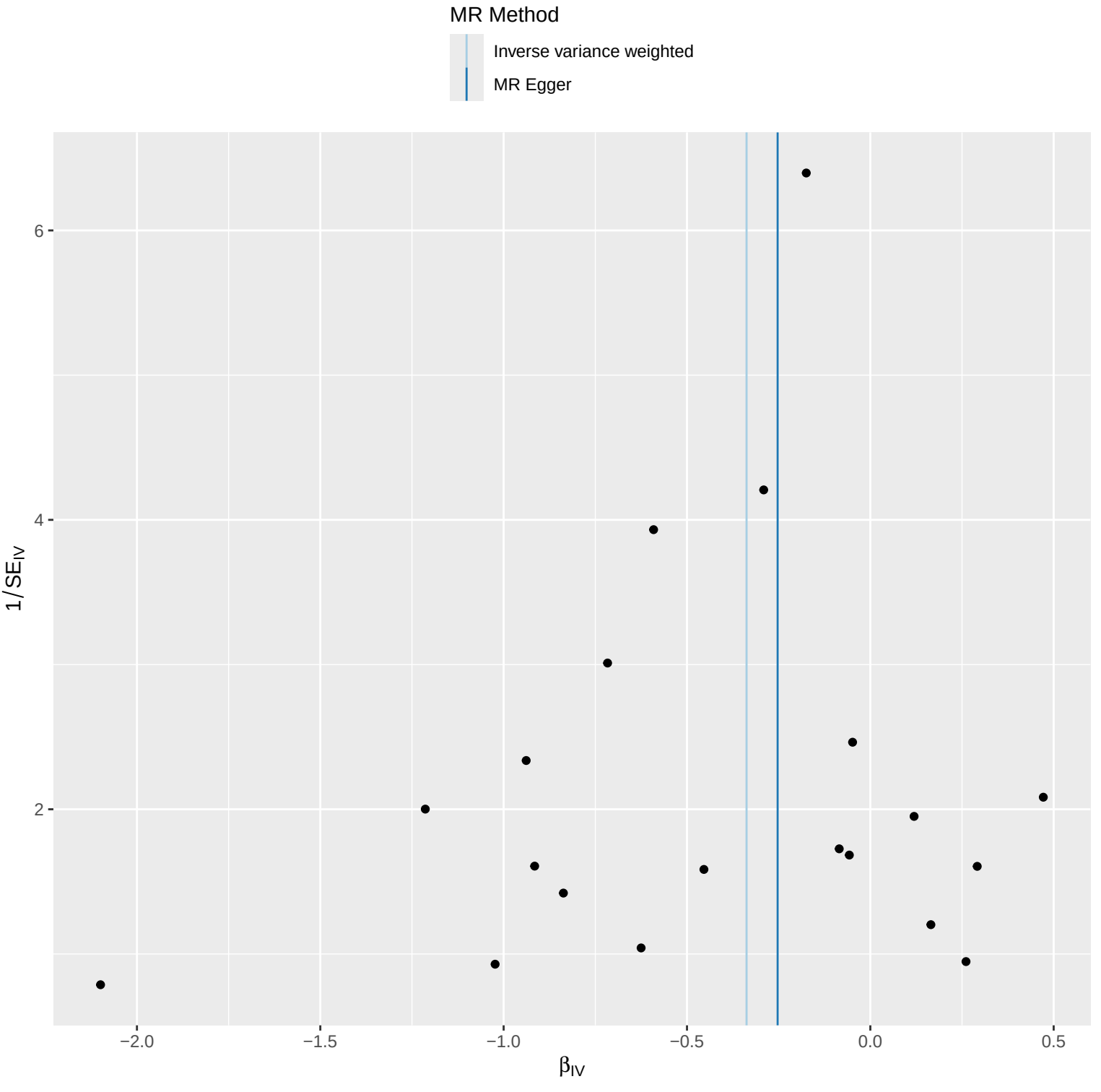

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

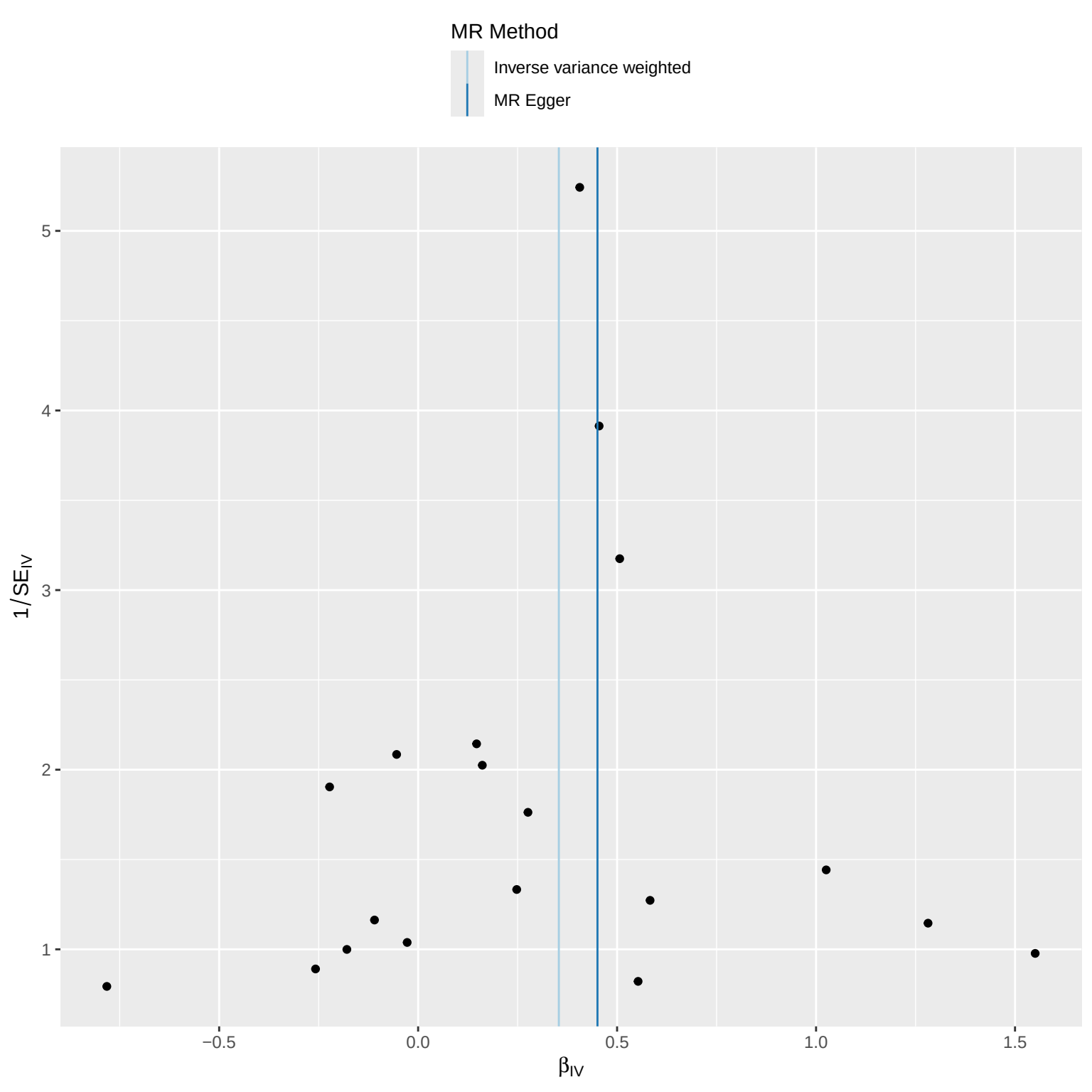

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

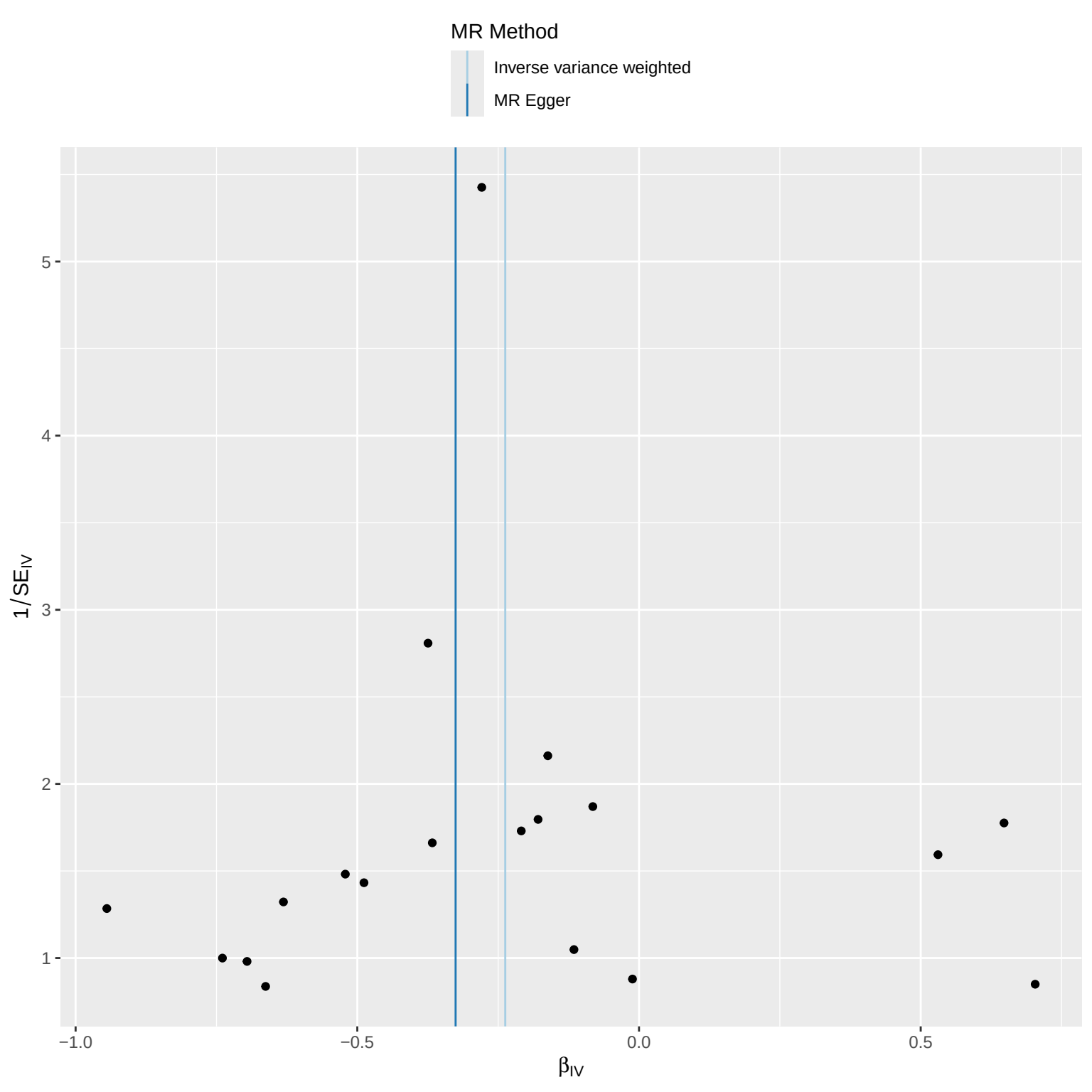

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

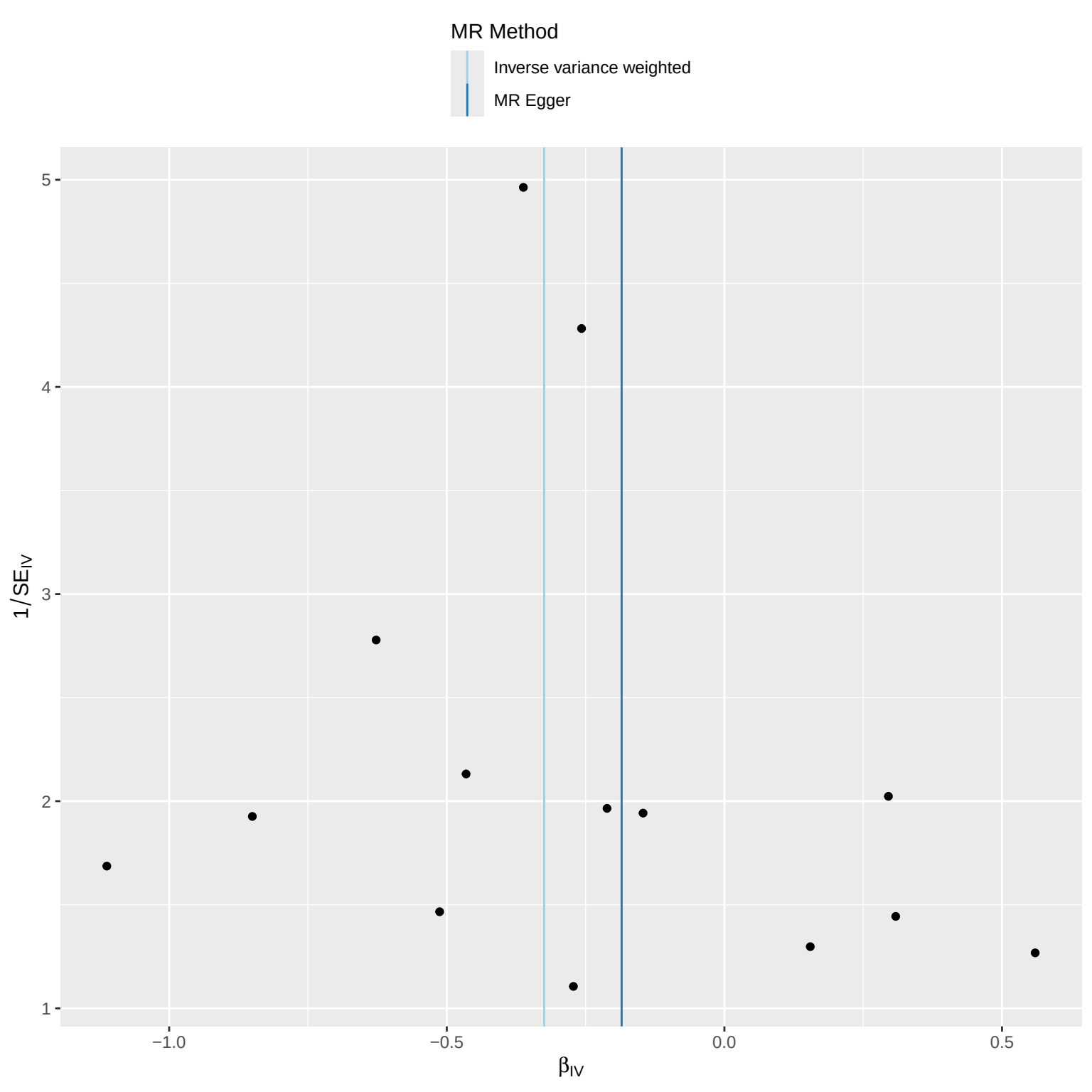

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

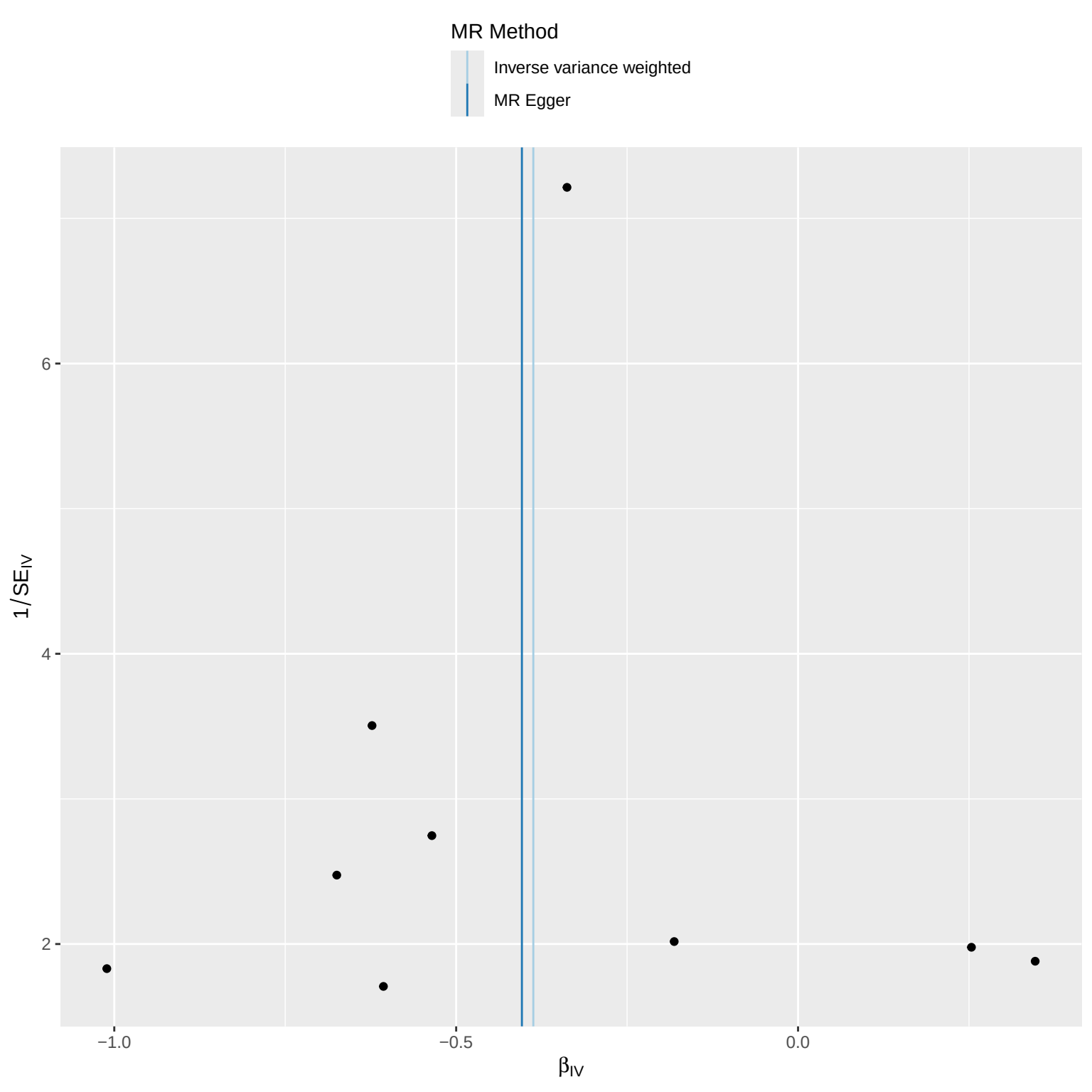

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

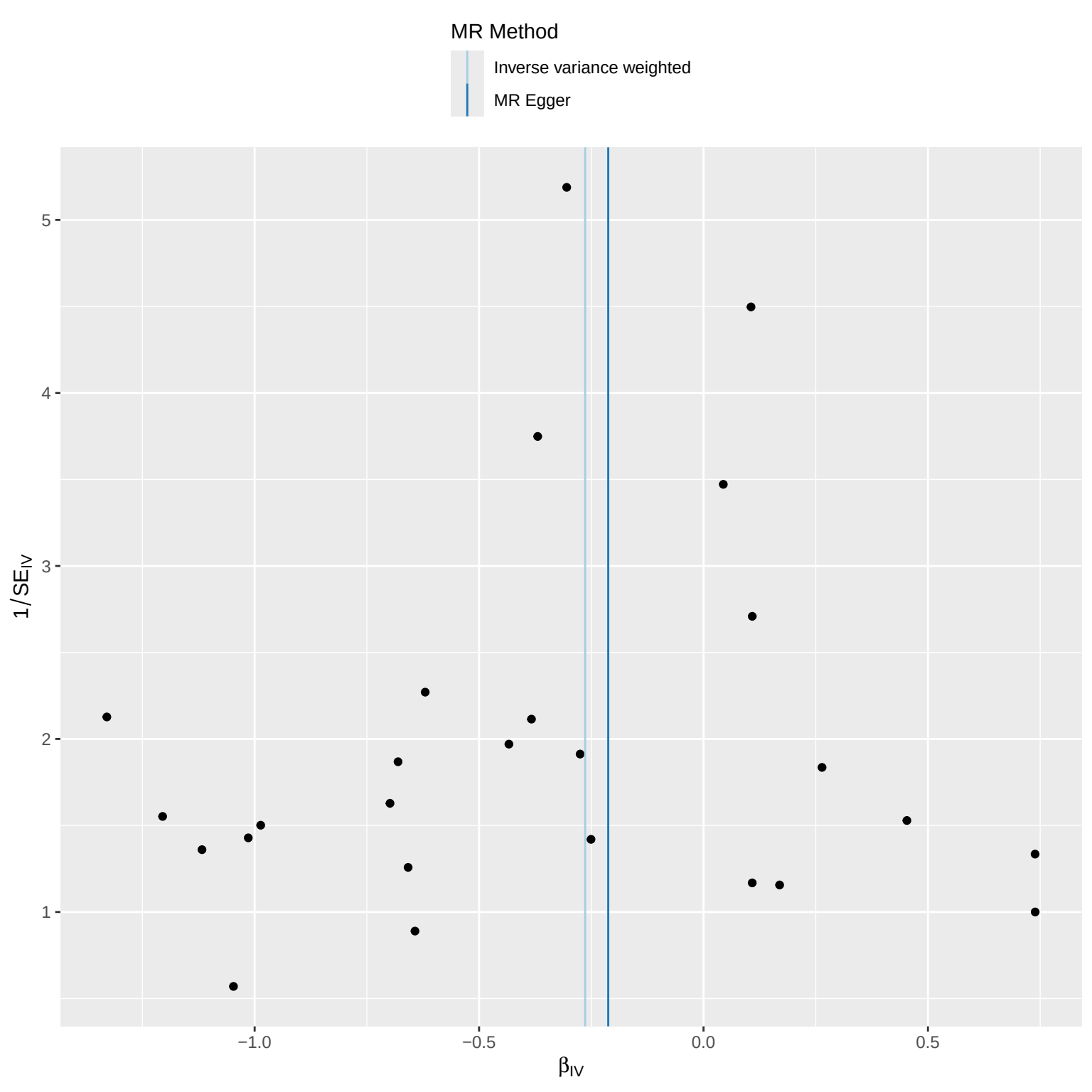

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

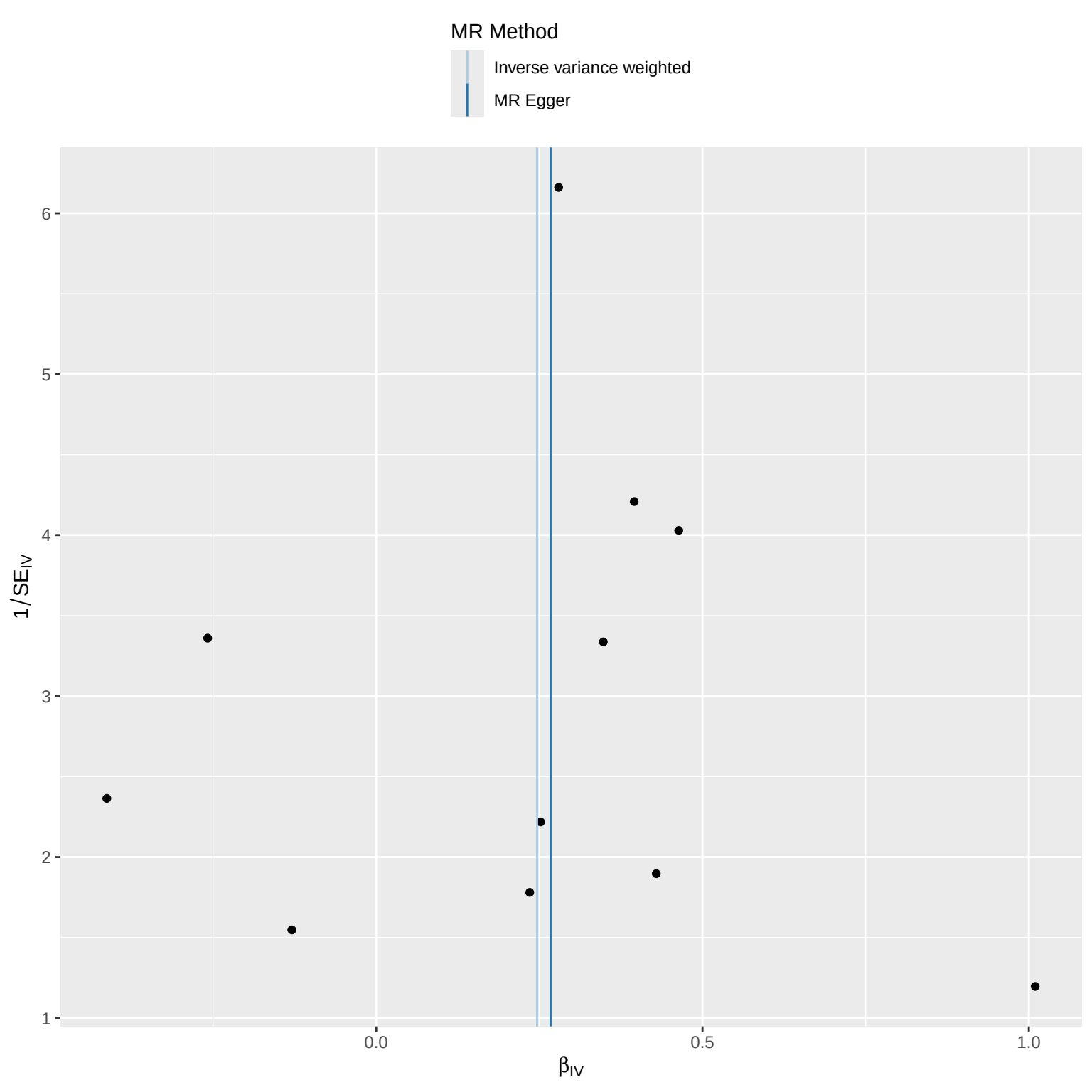

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

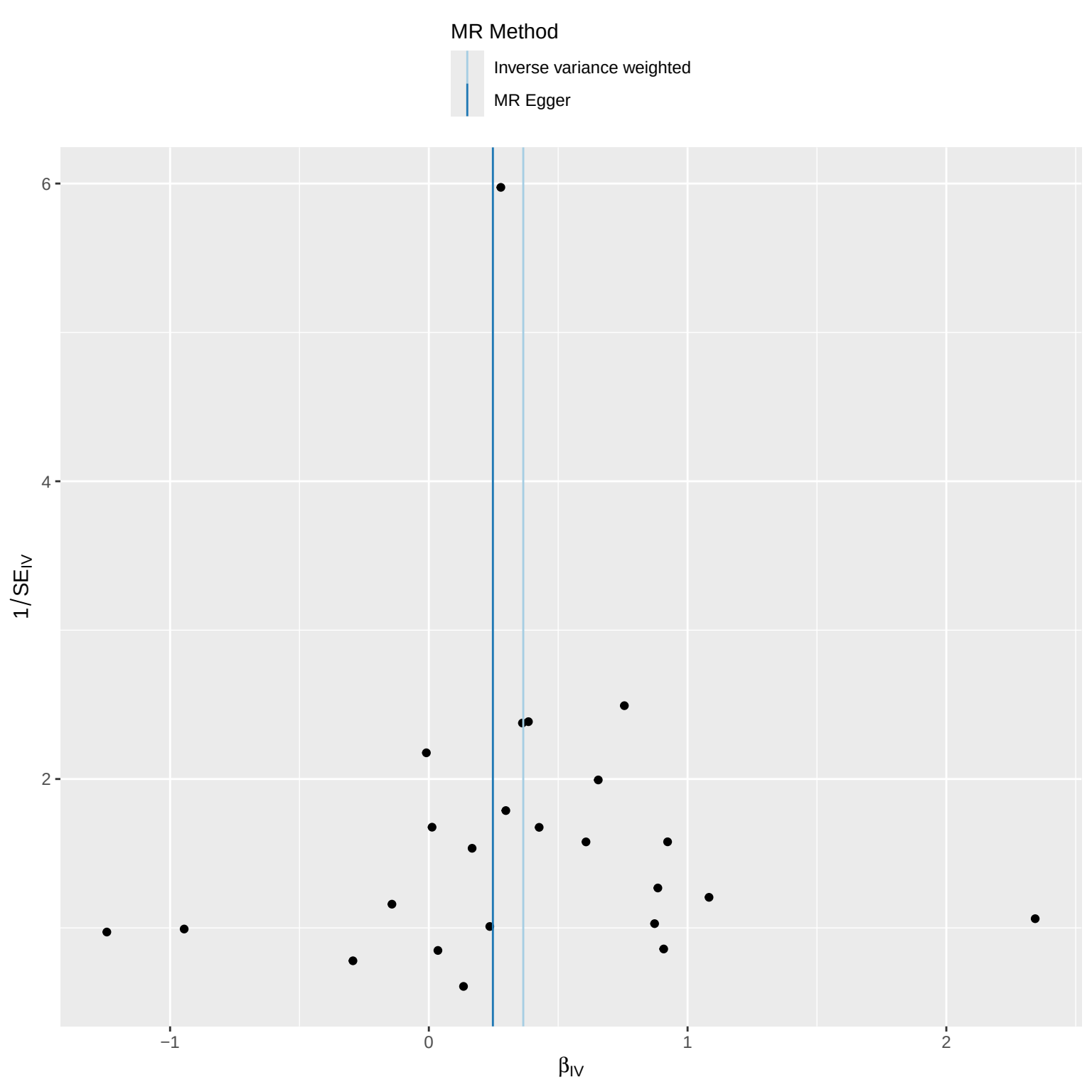

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1.0
−0.5
0.0
0.5
β_IV

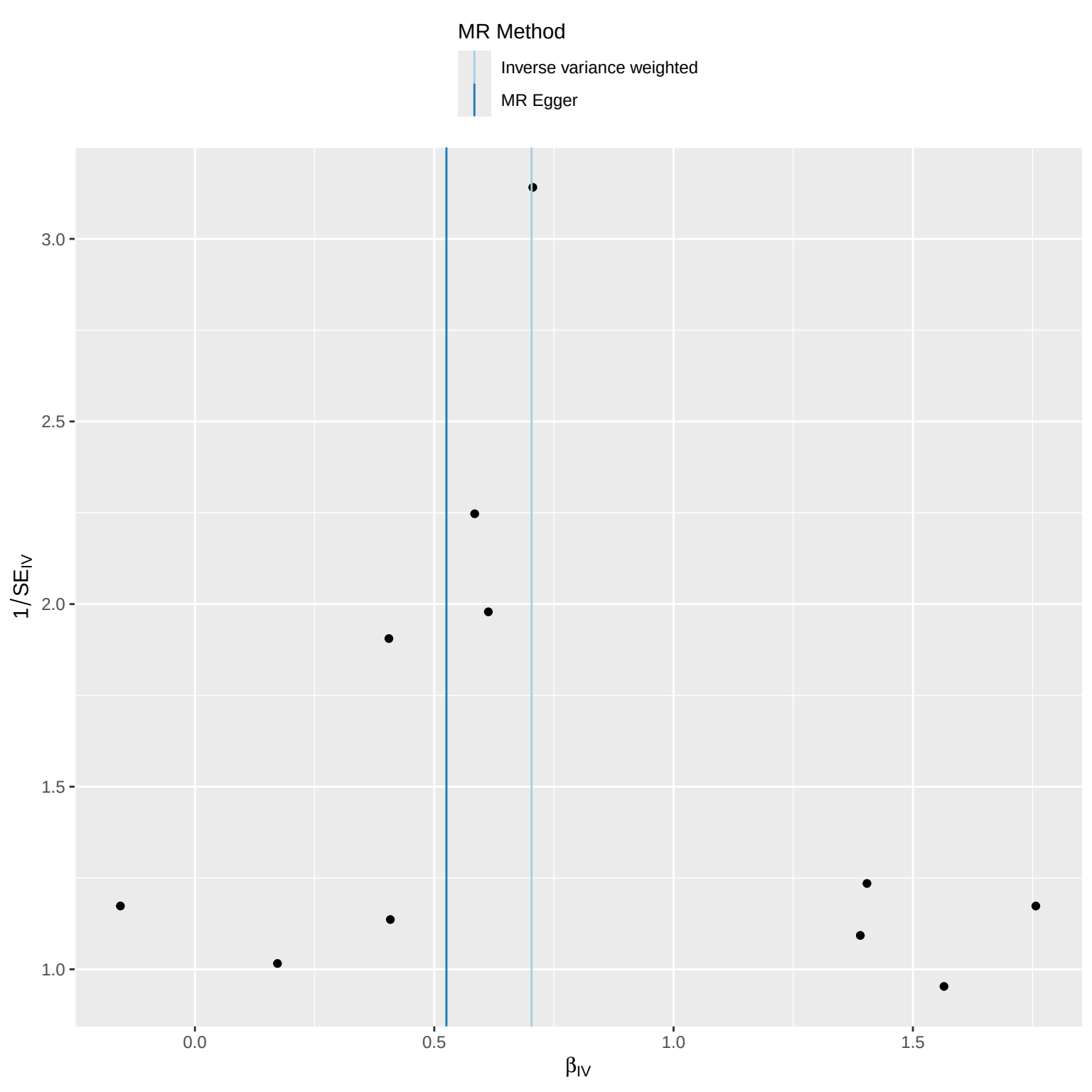

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

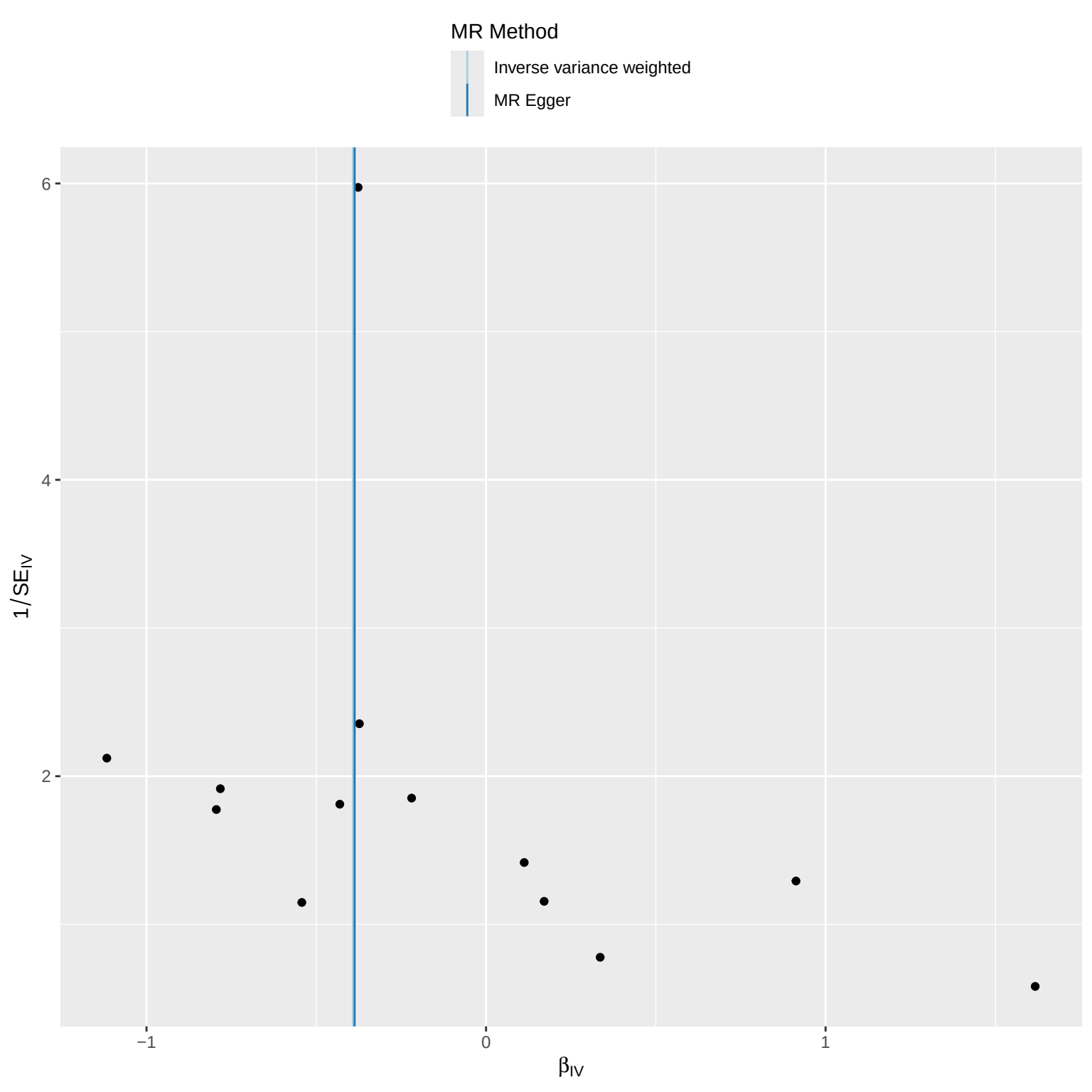

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
β_IV

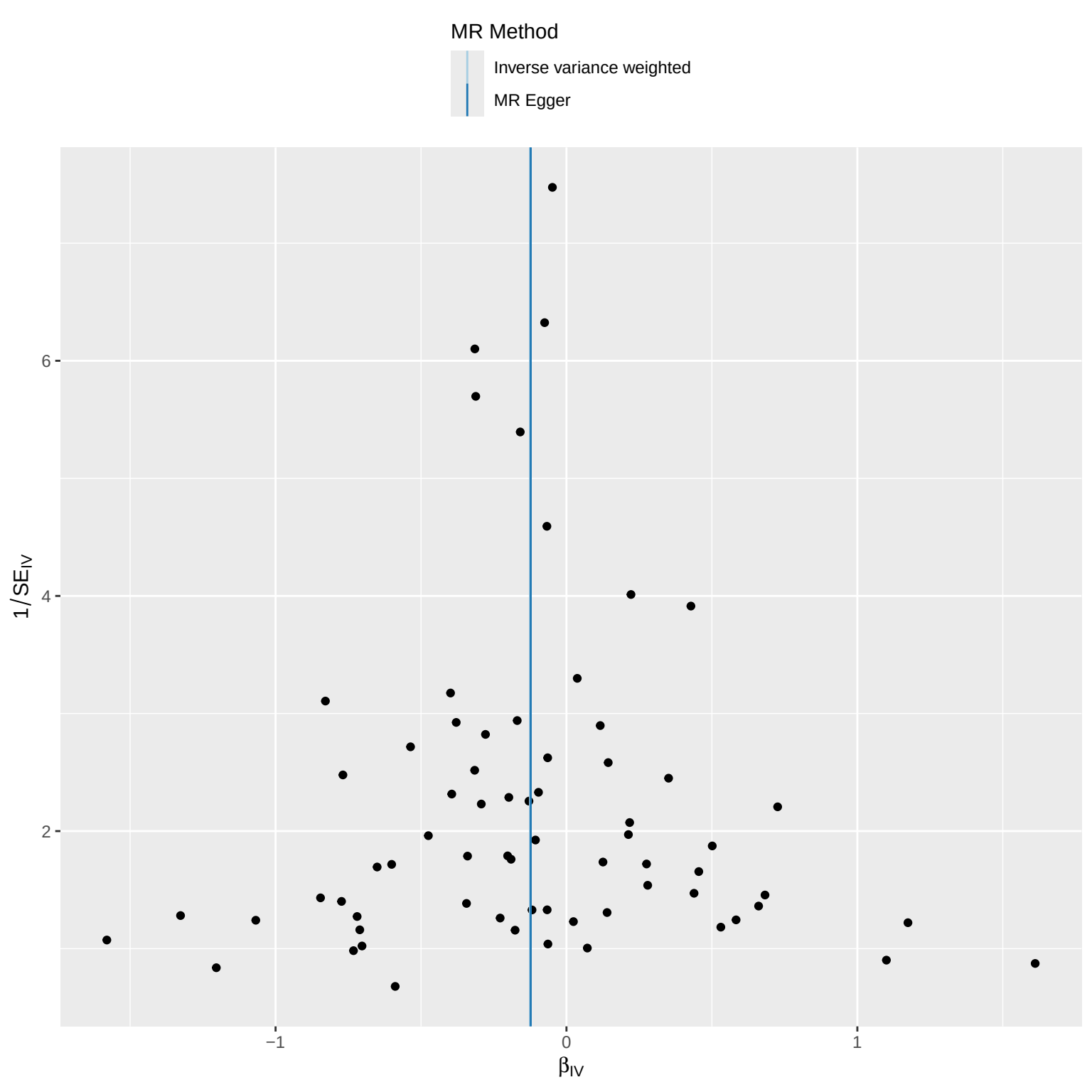

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

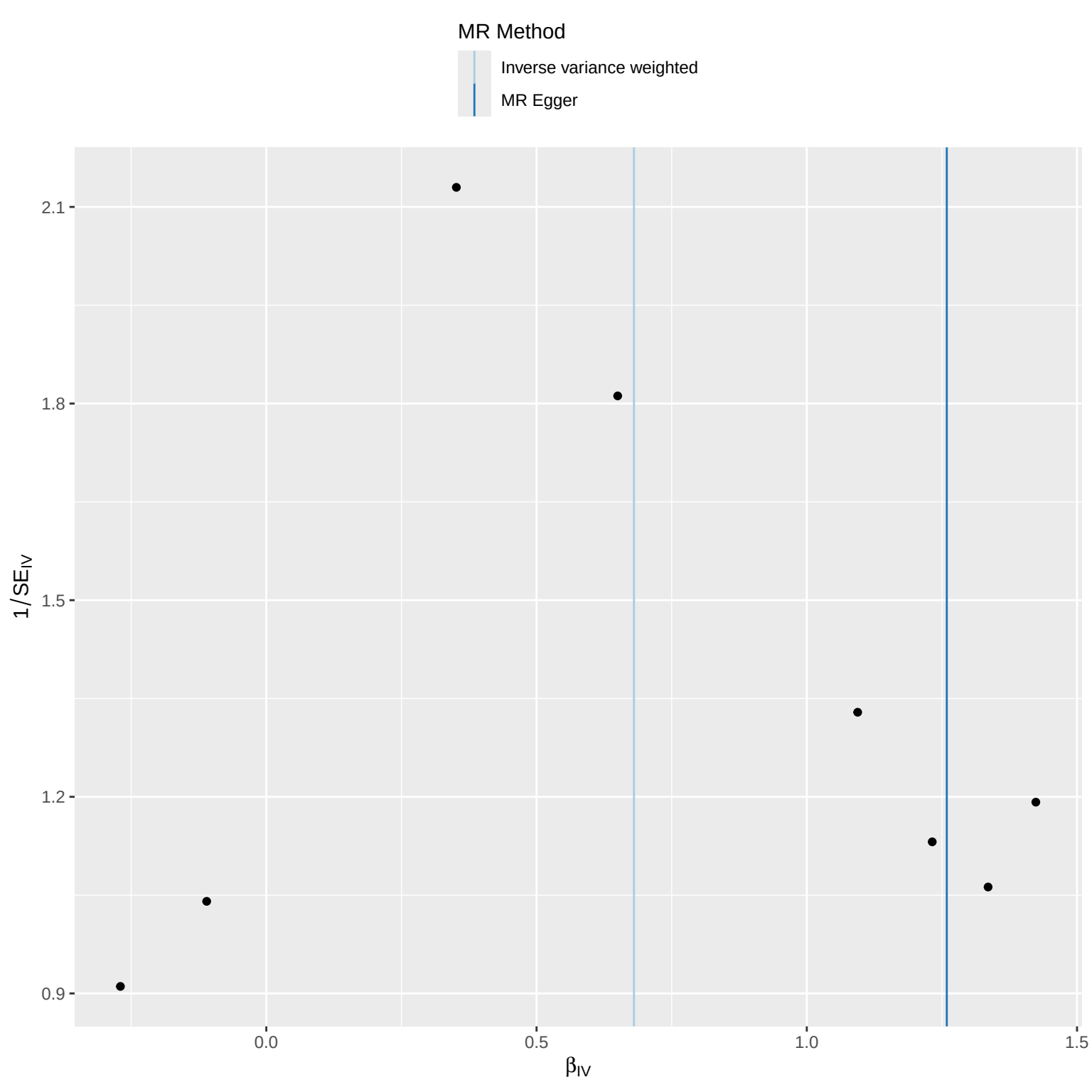

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
$1/SE_{IV}$
0.0
0.5
1.0
β_{IV}

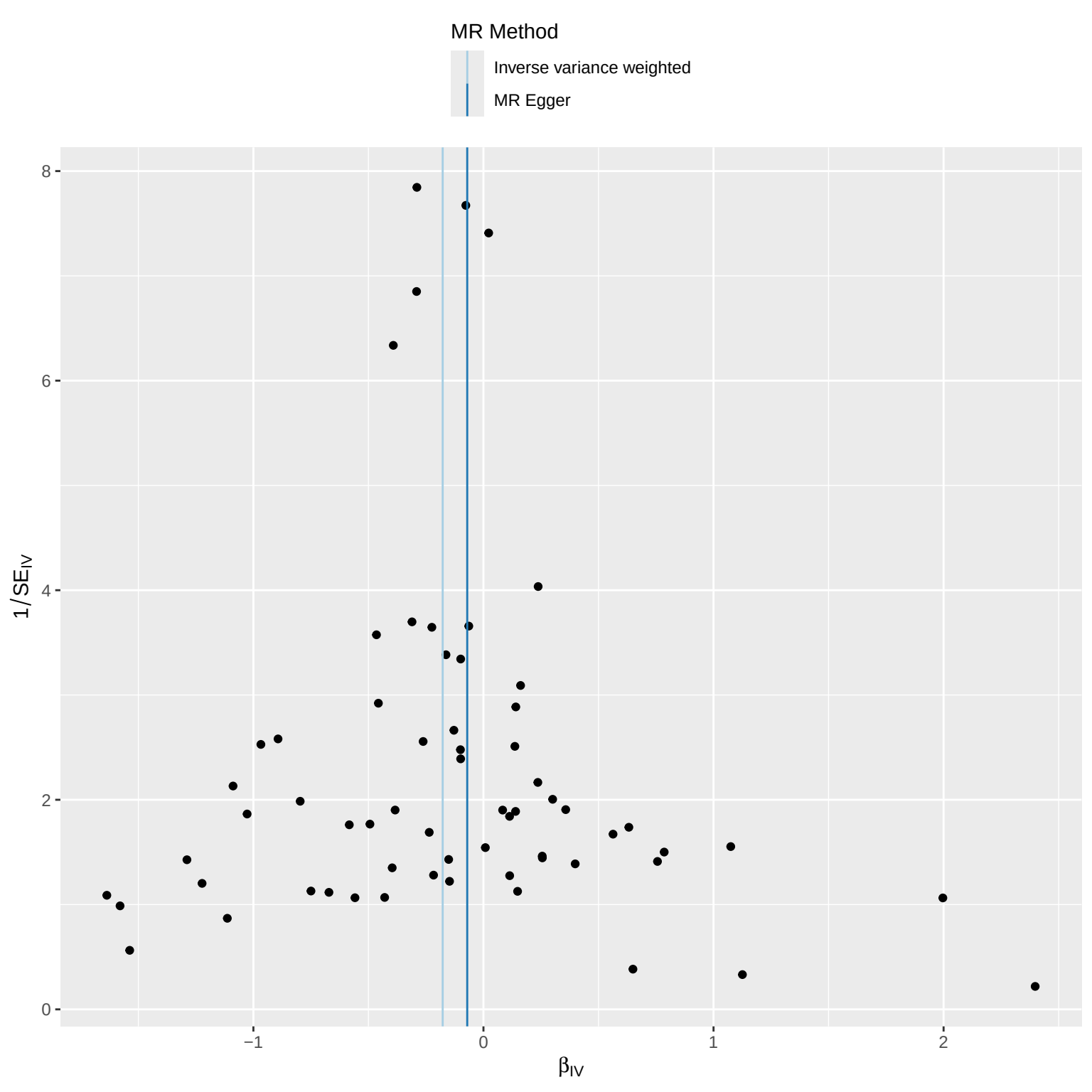

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

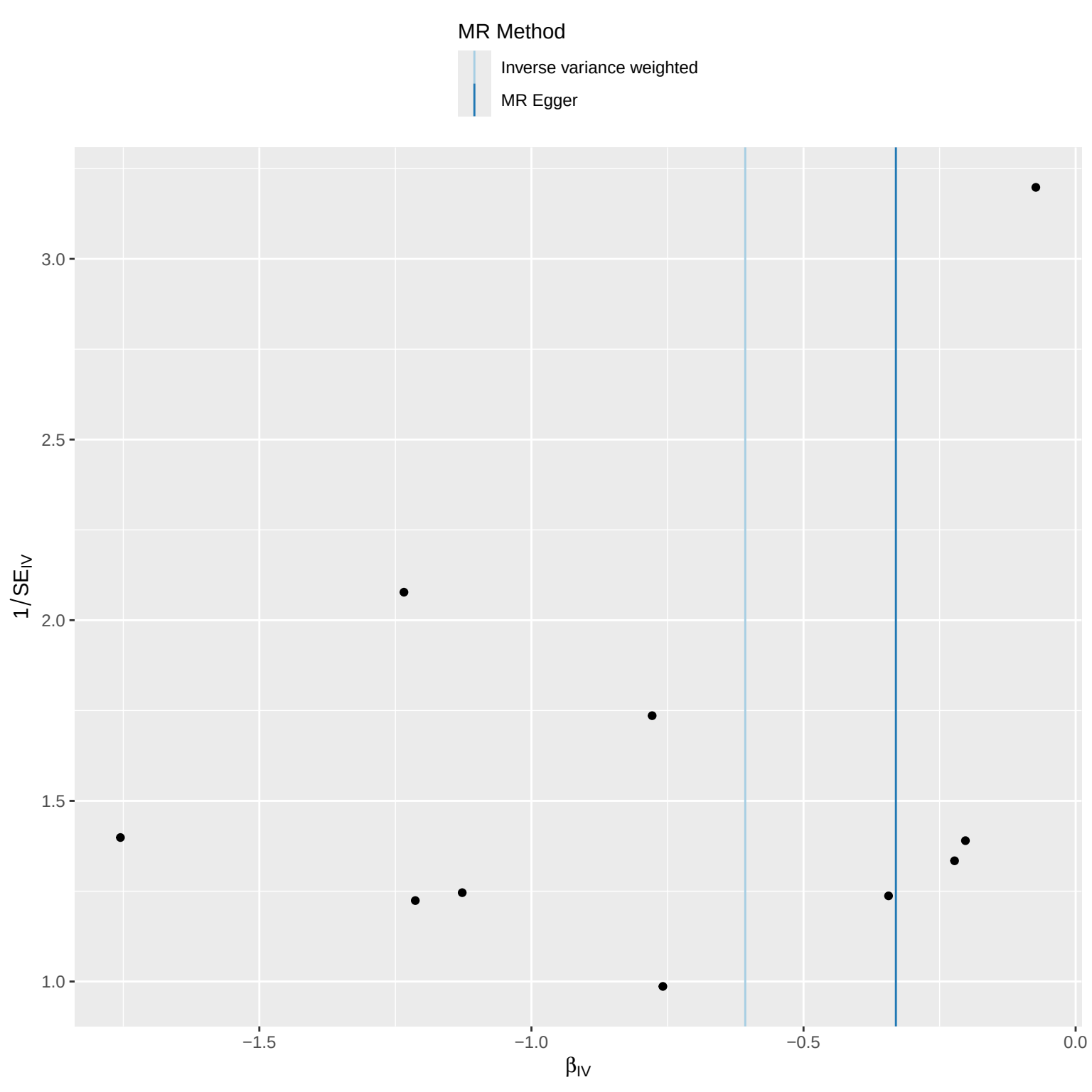

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

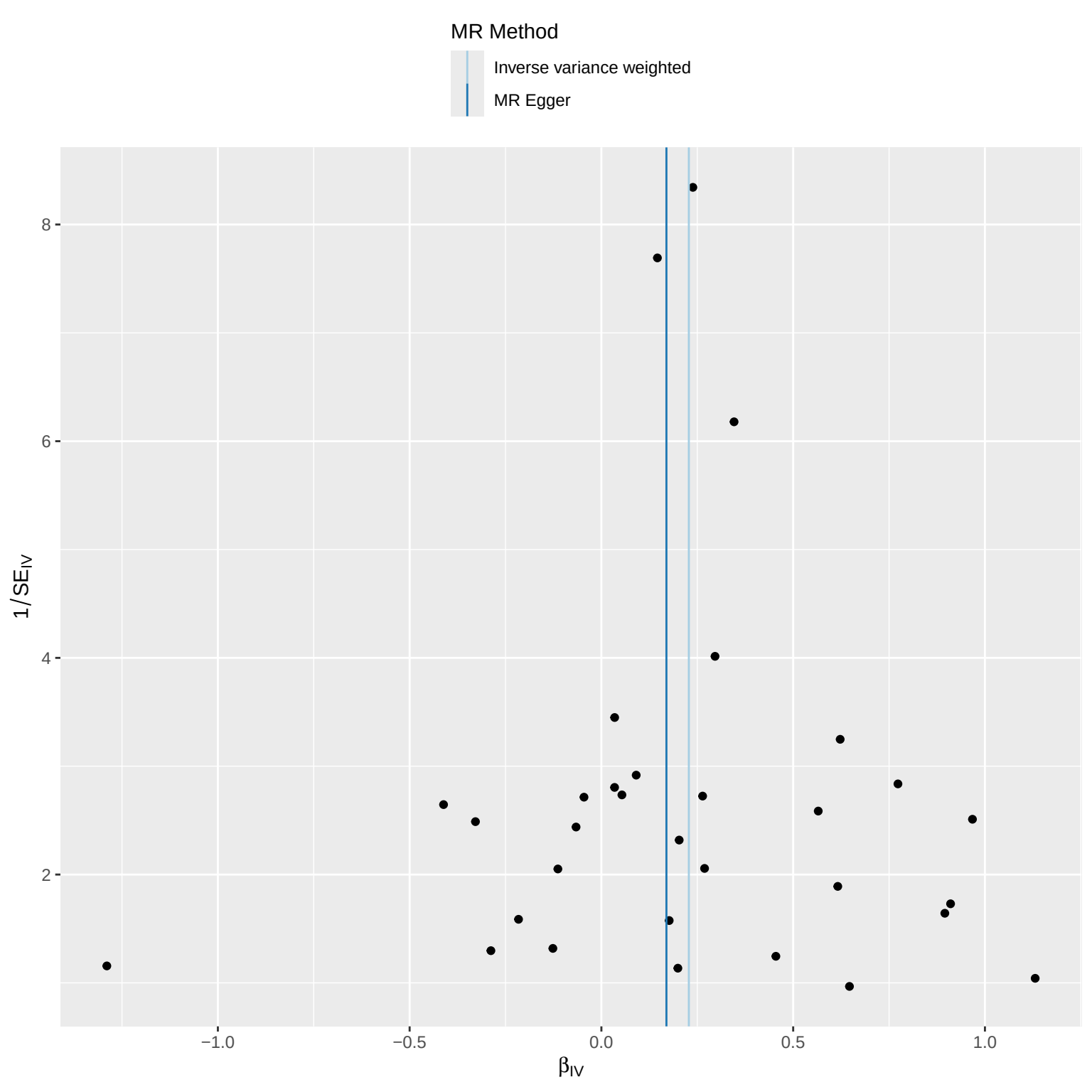

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

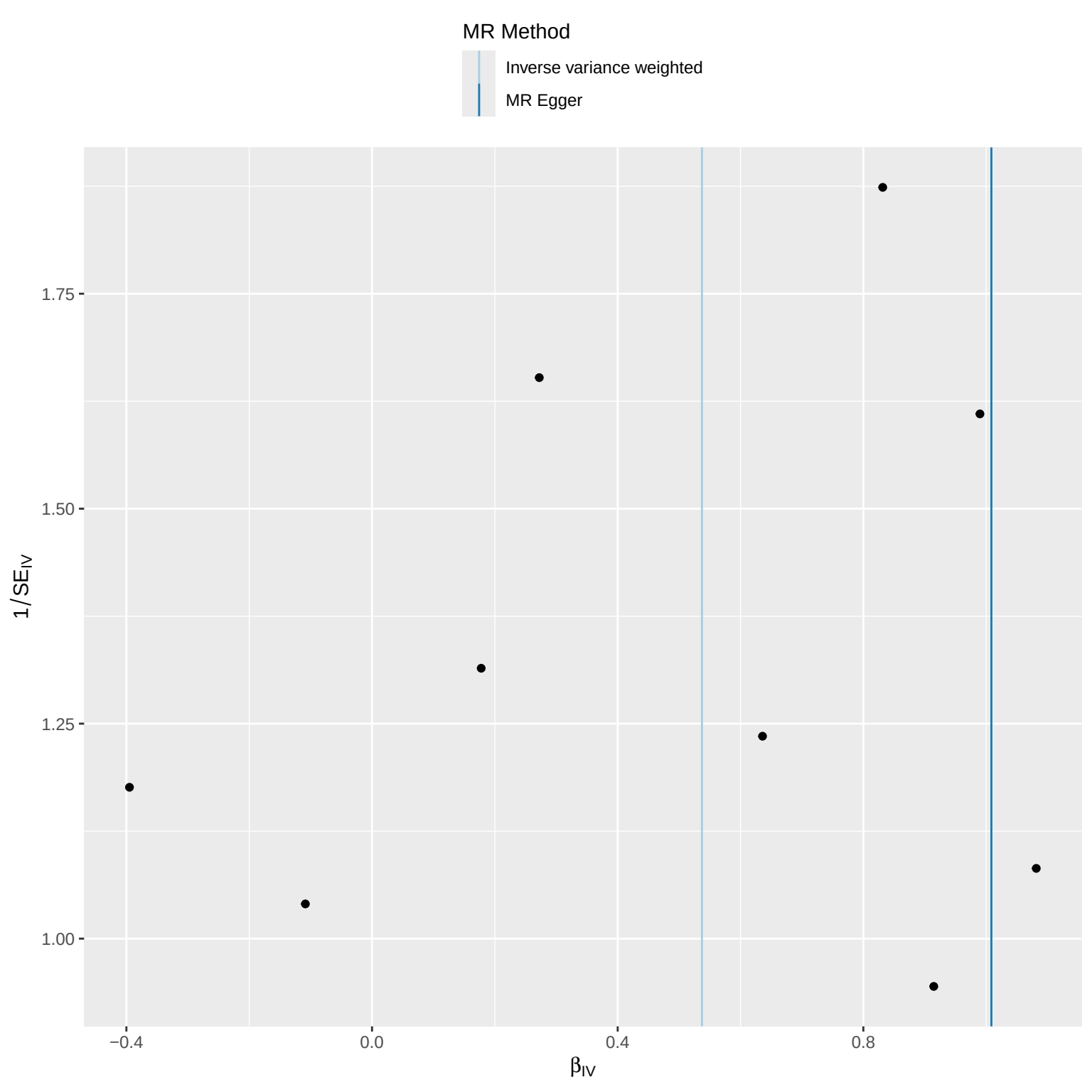

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

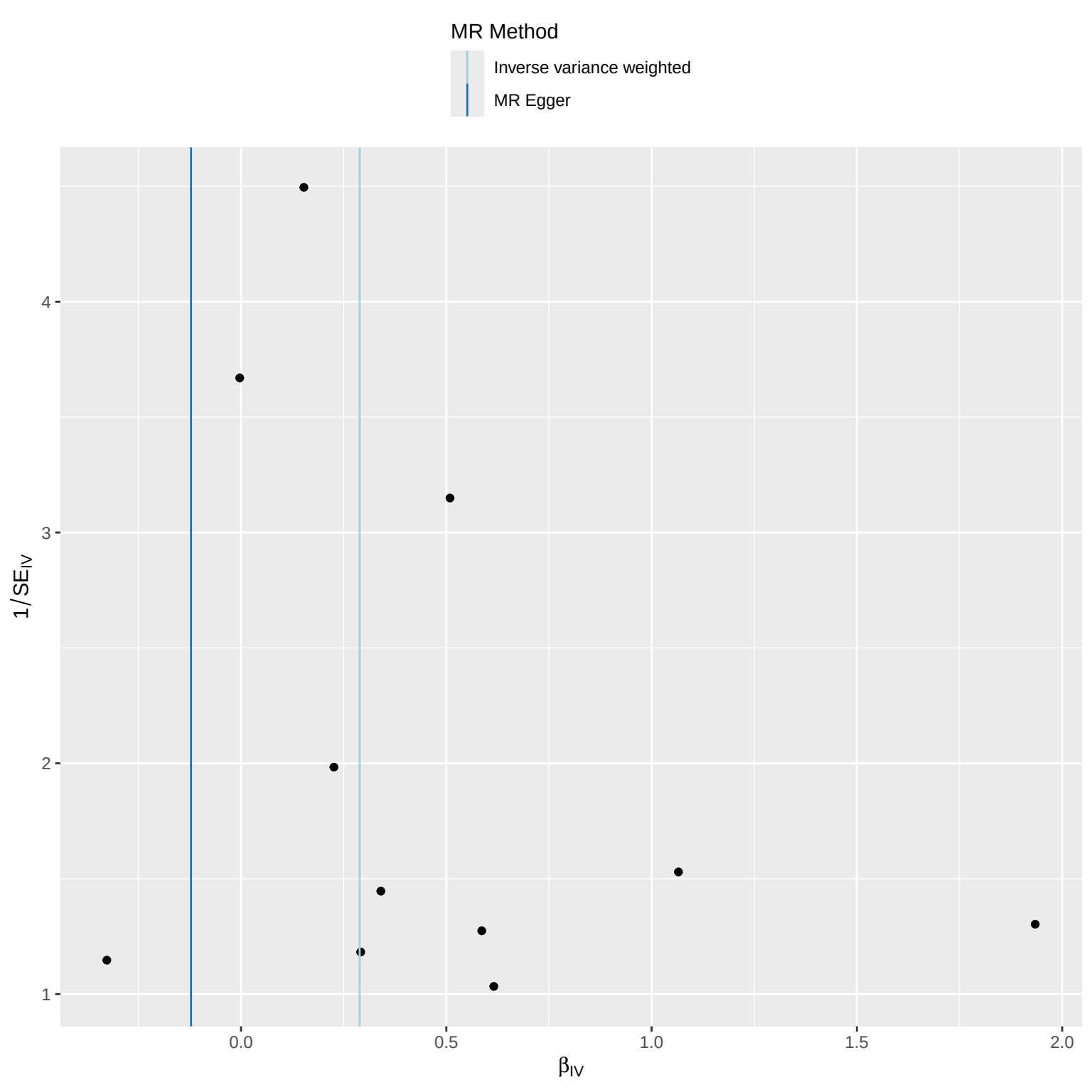

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

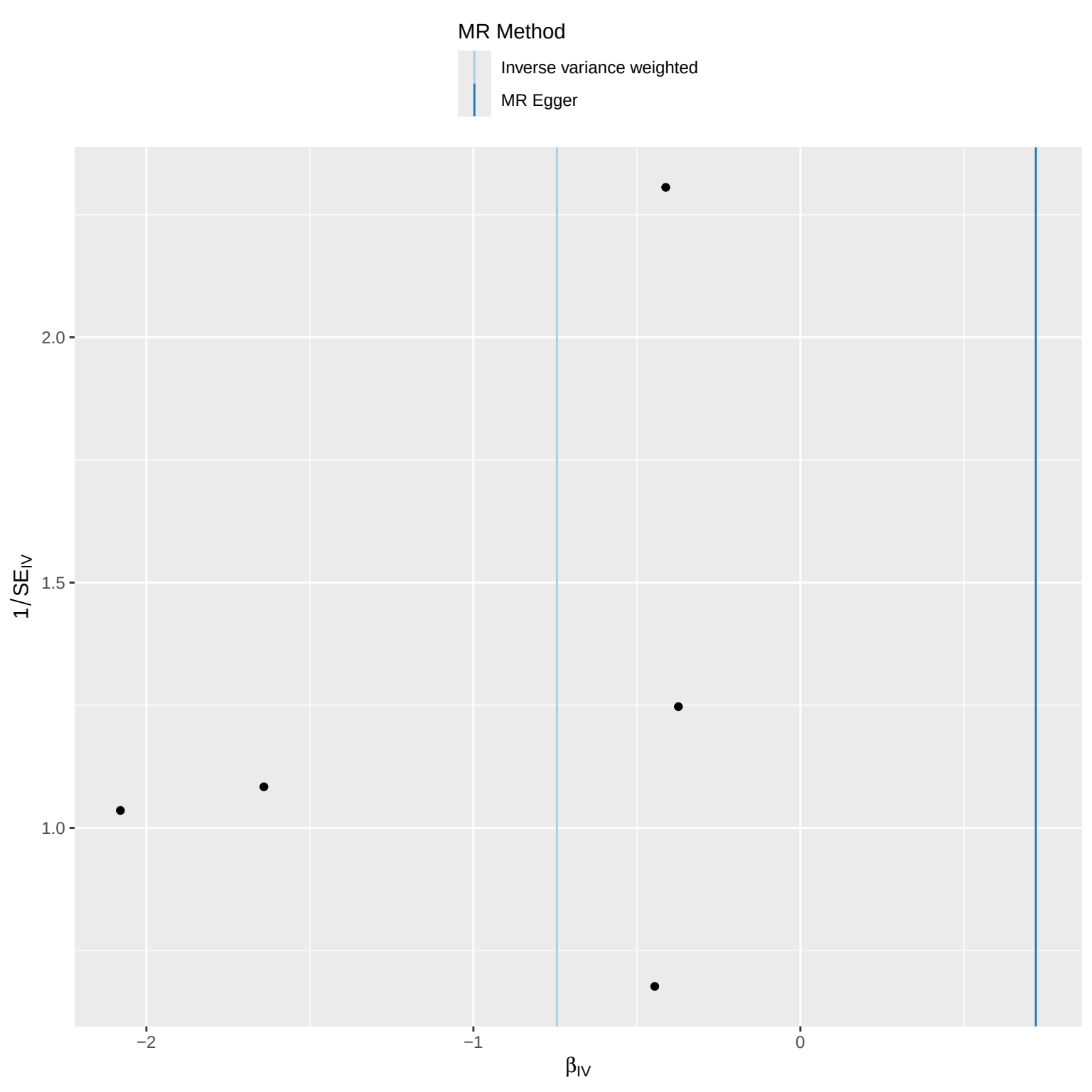

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−1
0
1
2
β_IV

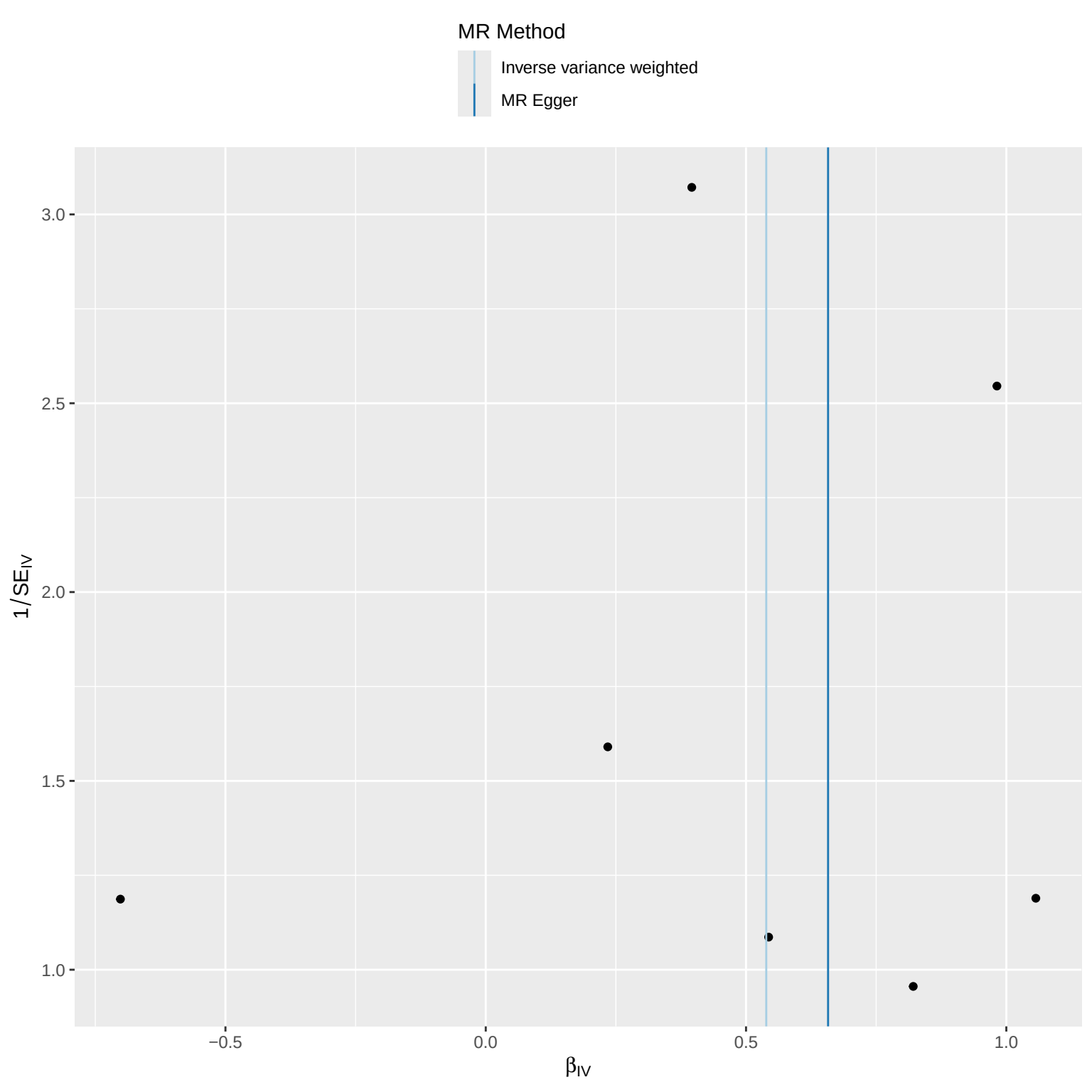

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

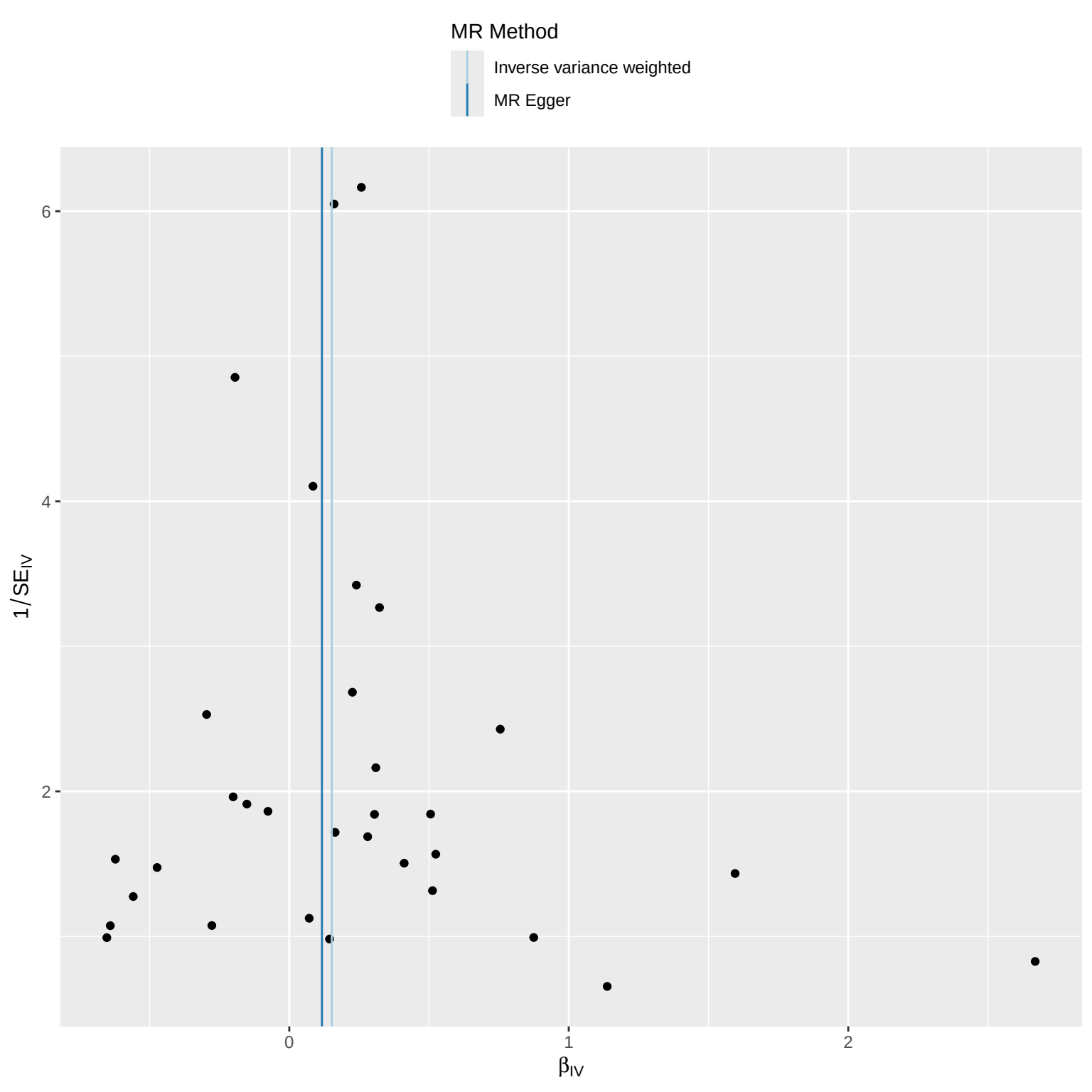

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

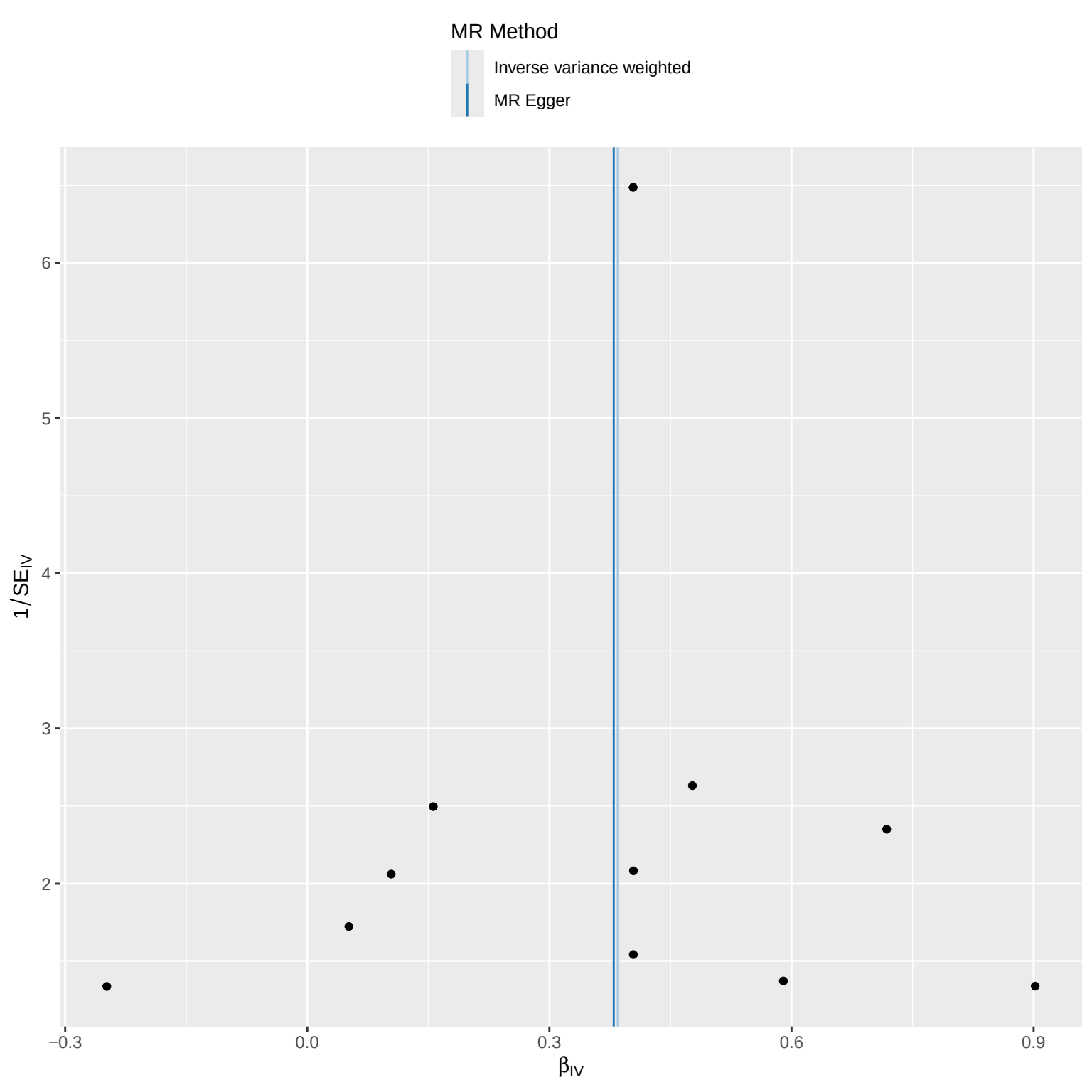

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

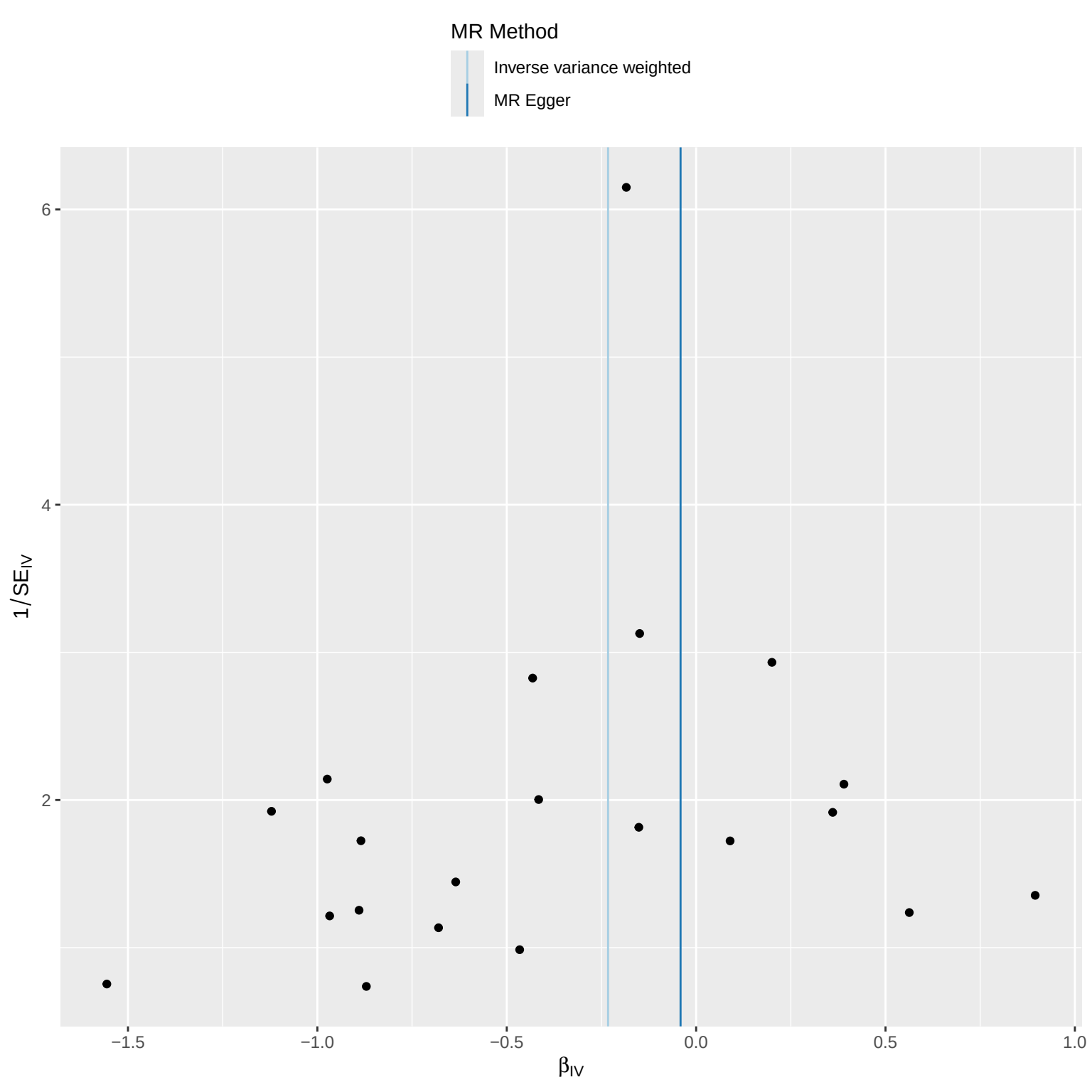

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

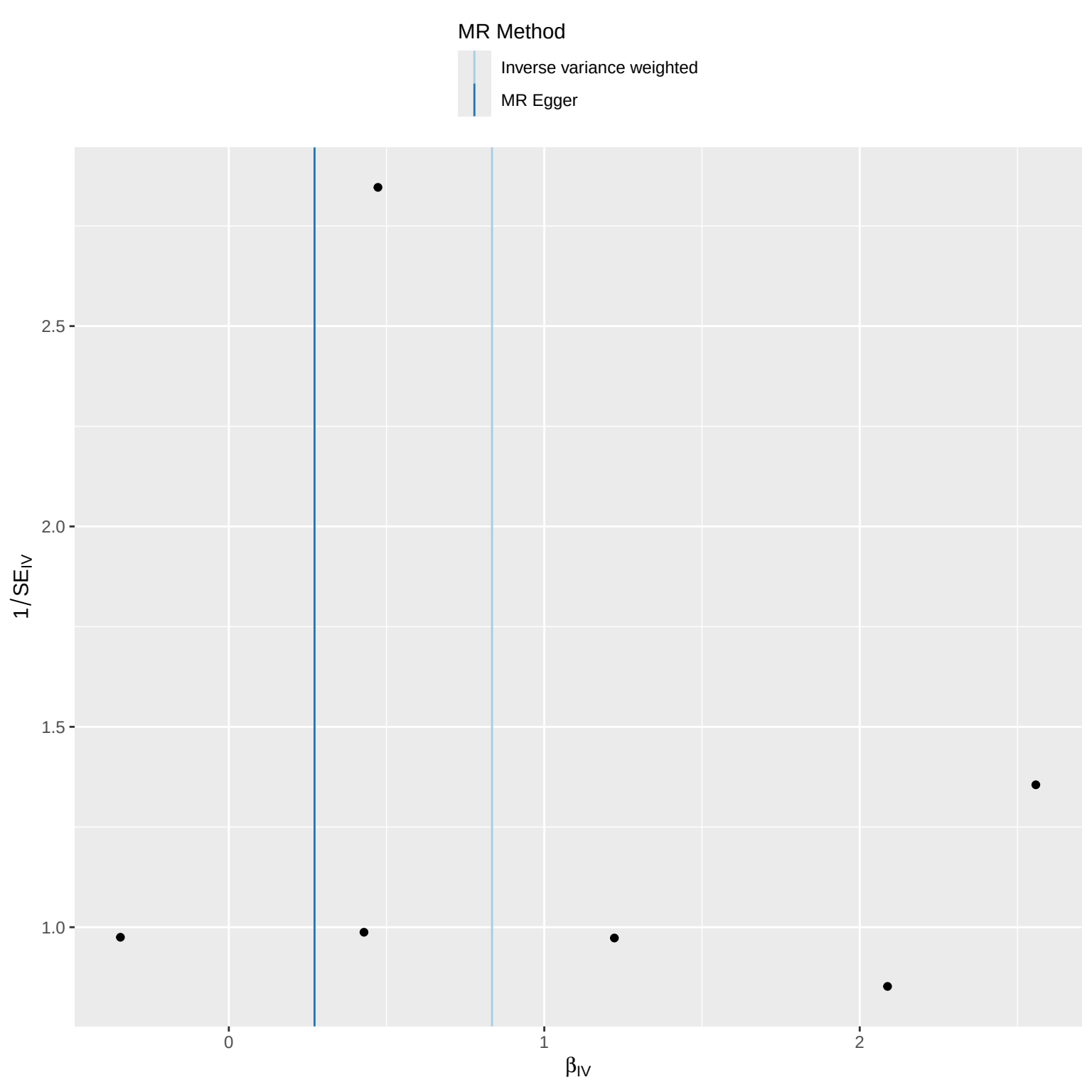

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

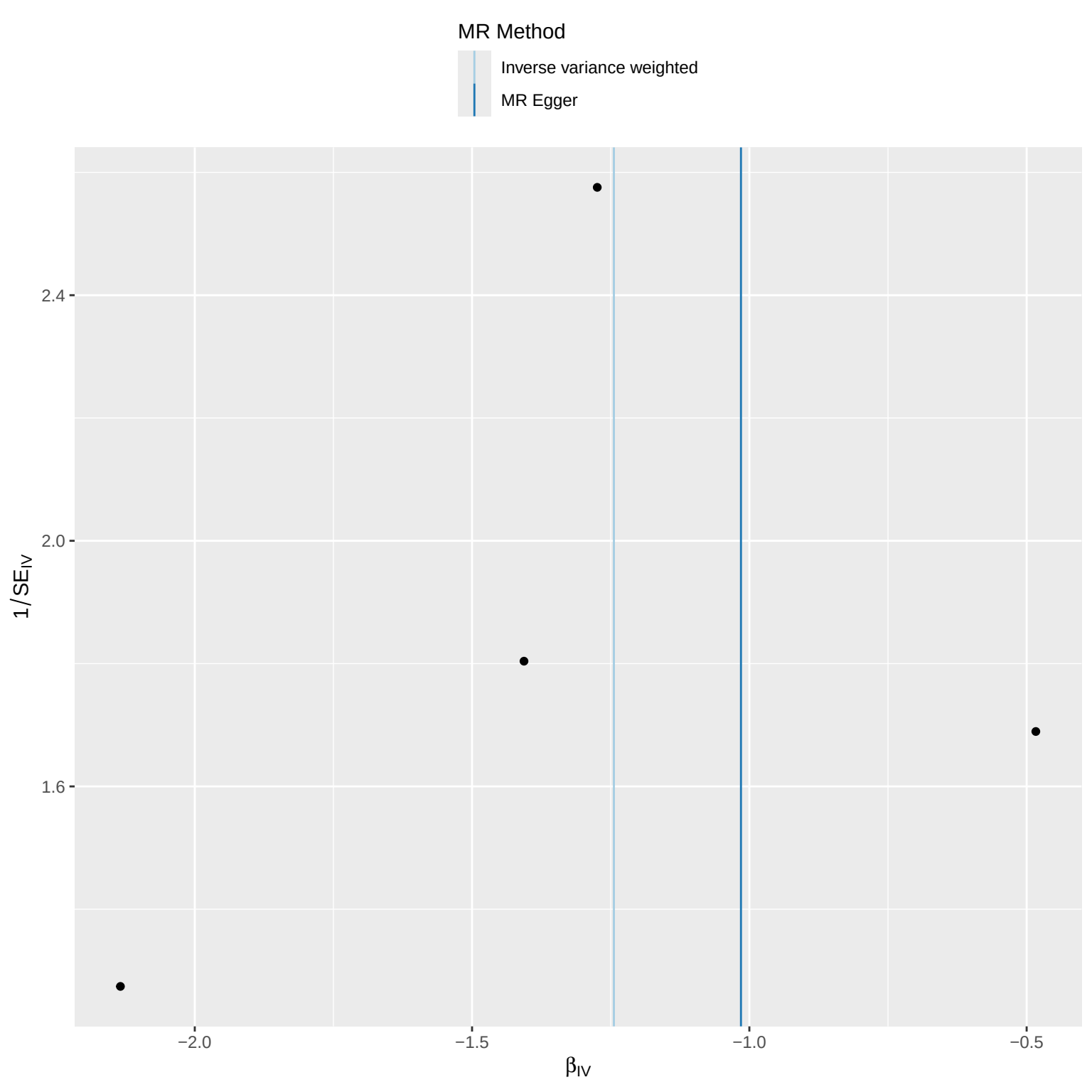

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

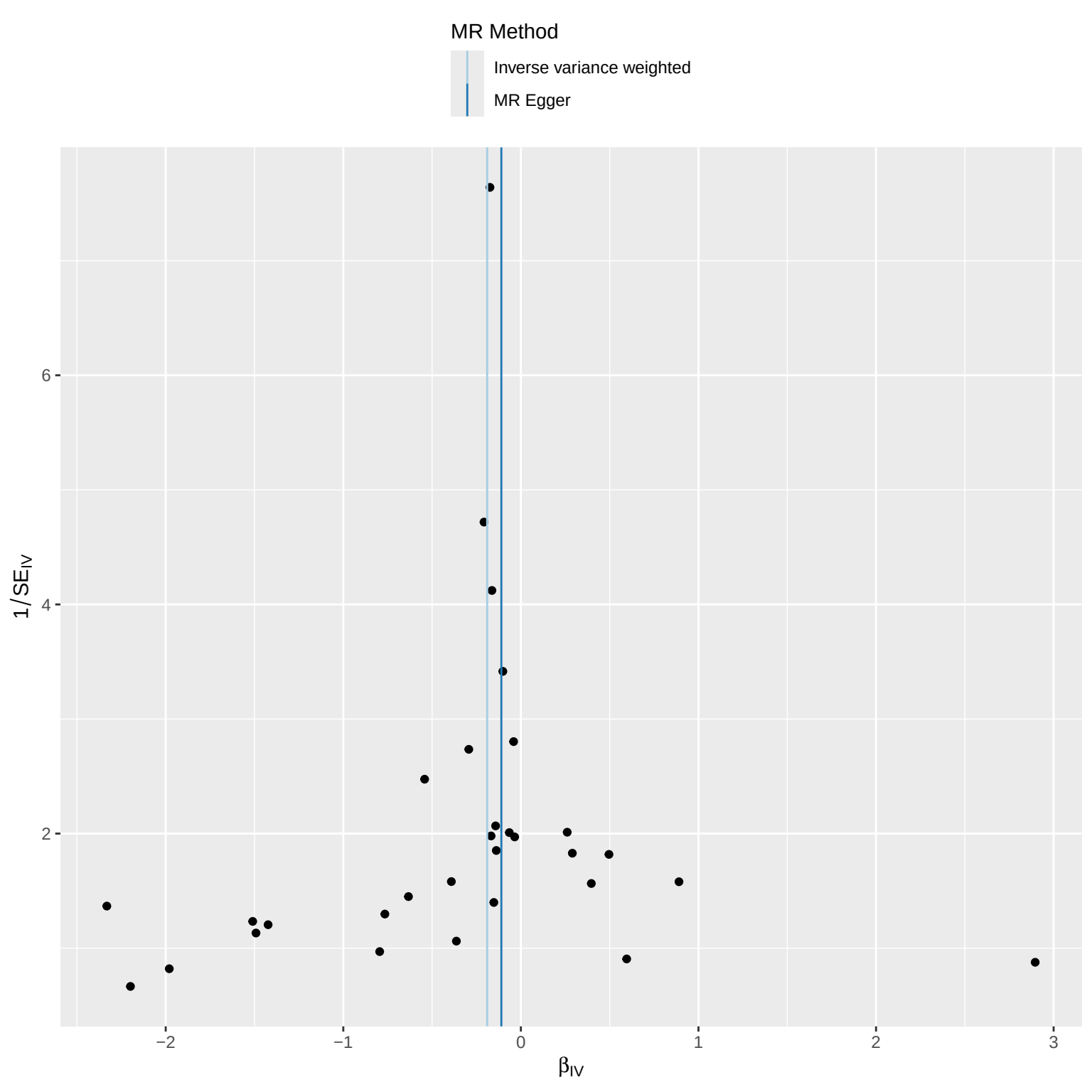

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1
2
1/SE_IV
β_IV

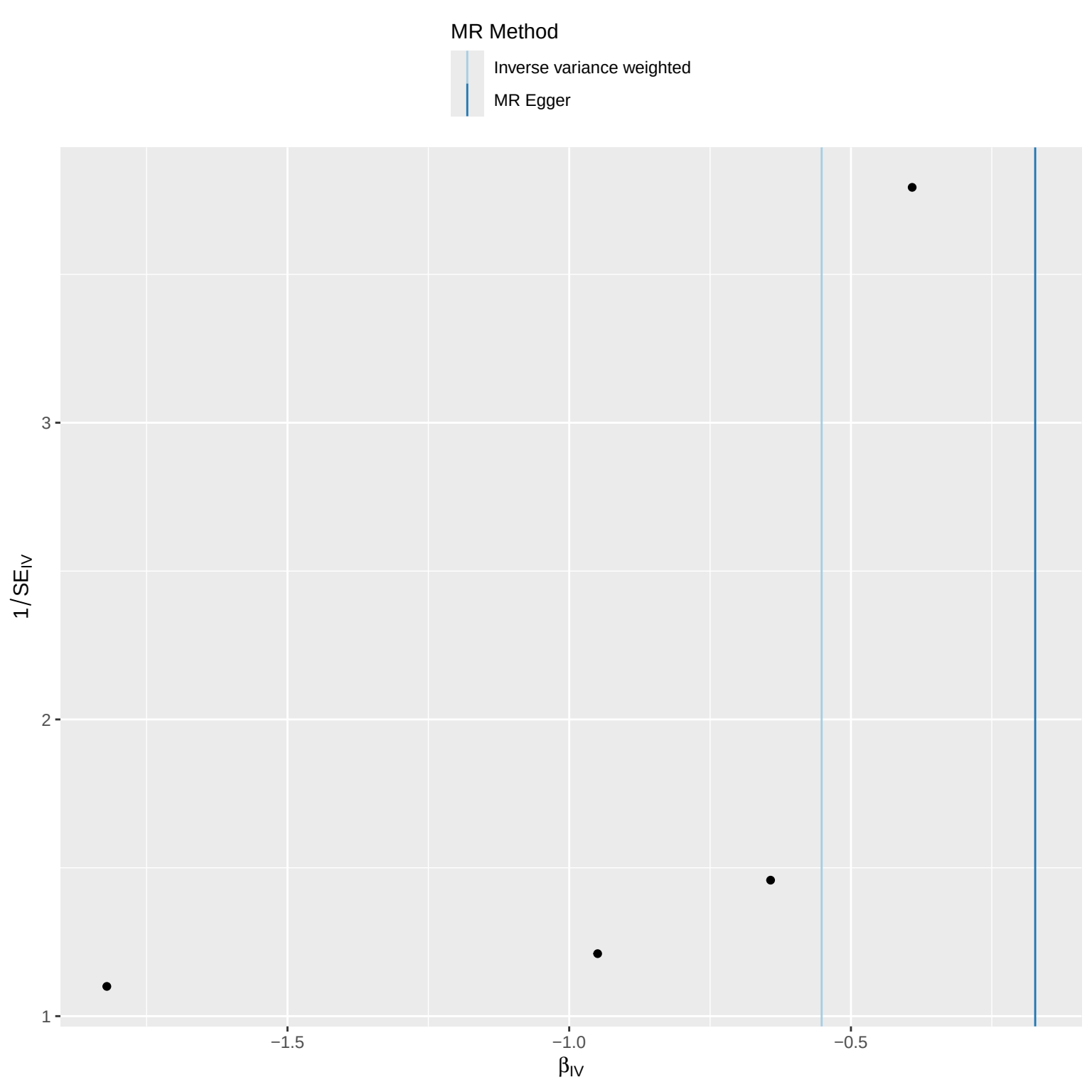

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.3
0.0
0.3
0.6
0.9
β_IV

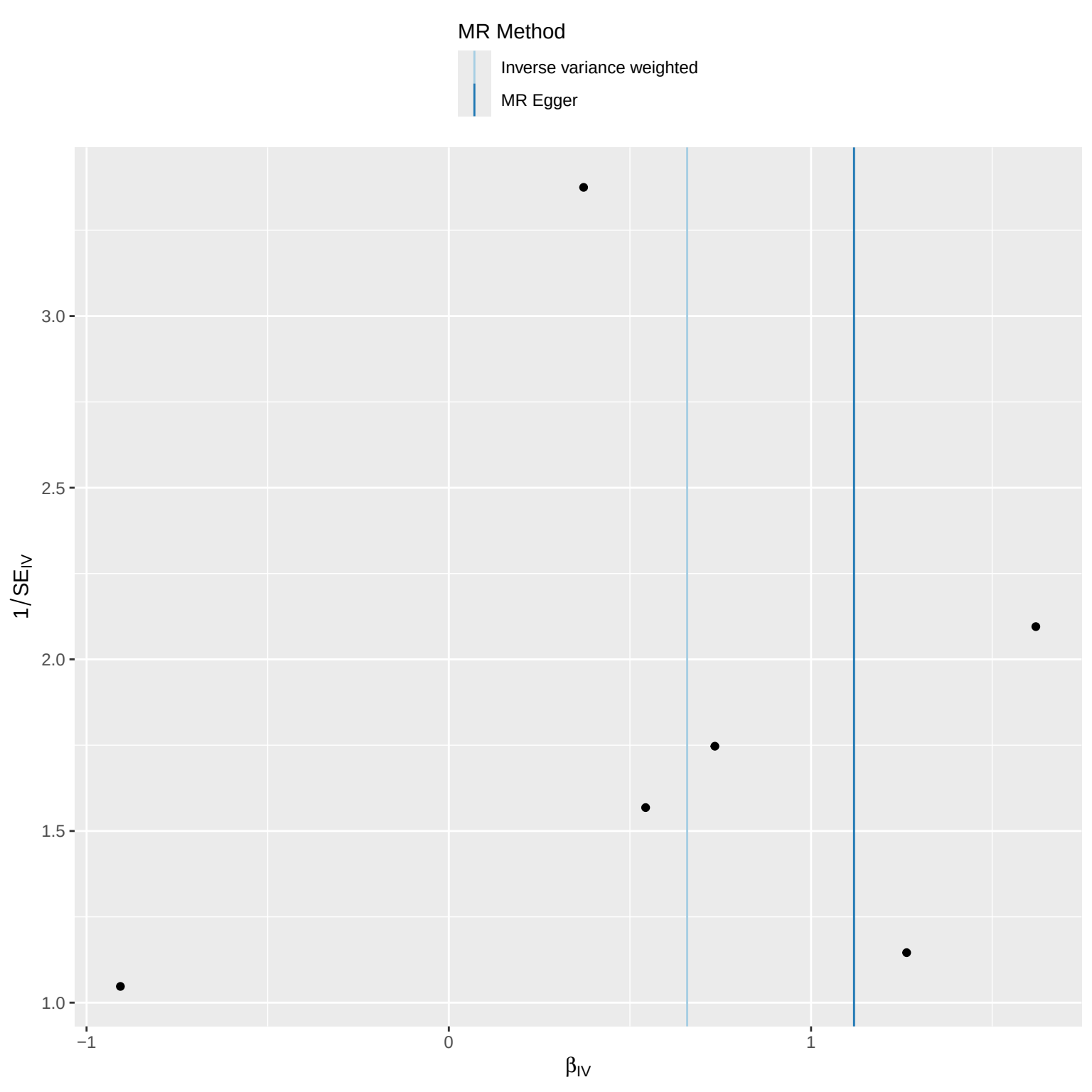

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

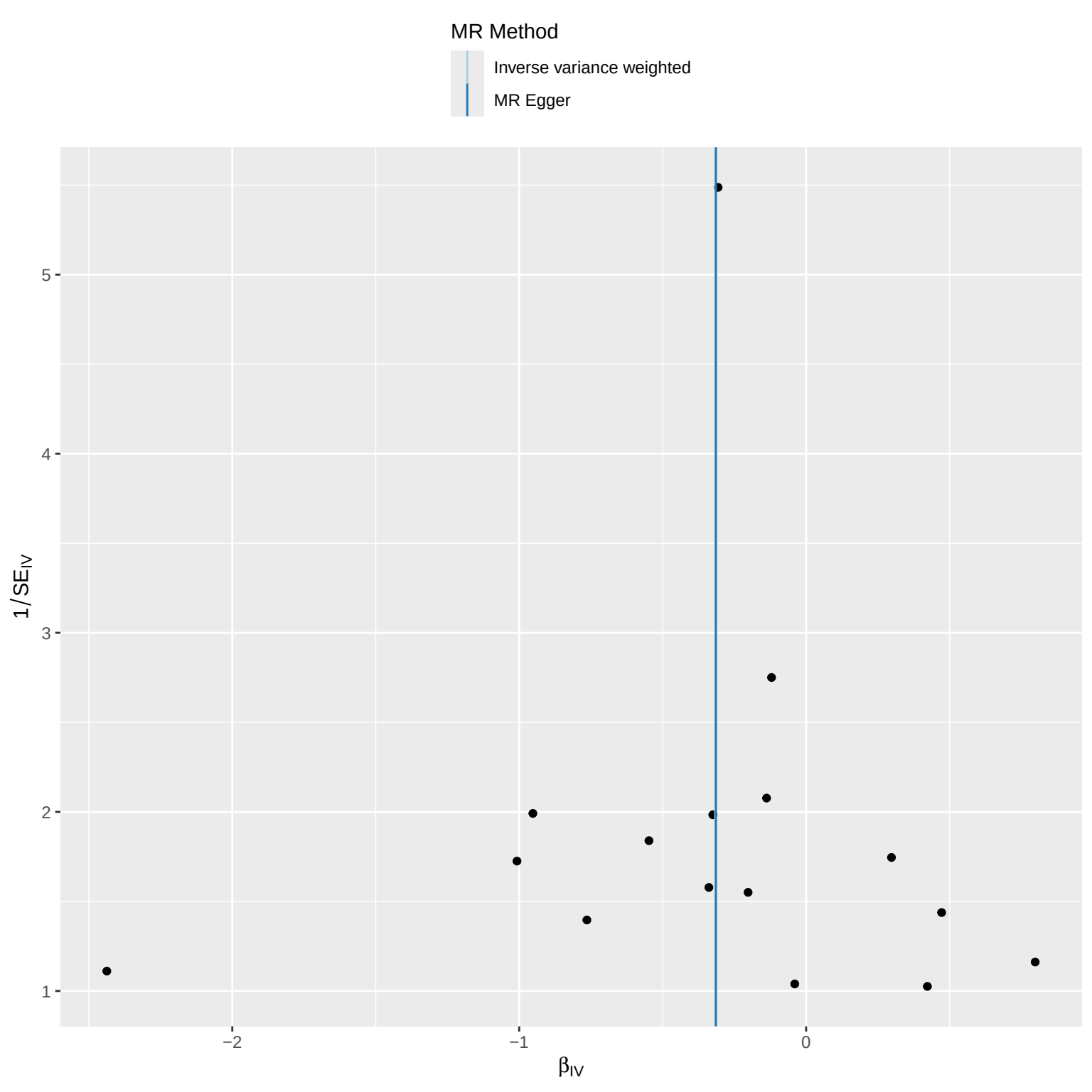

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

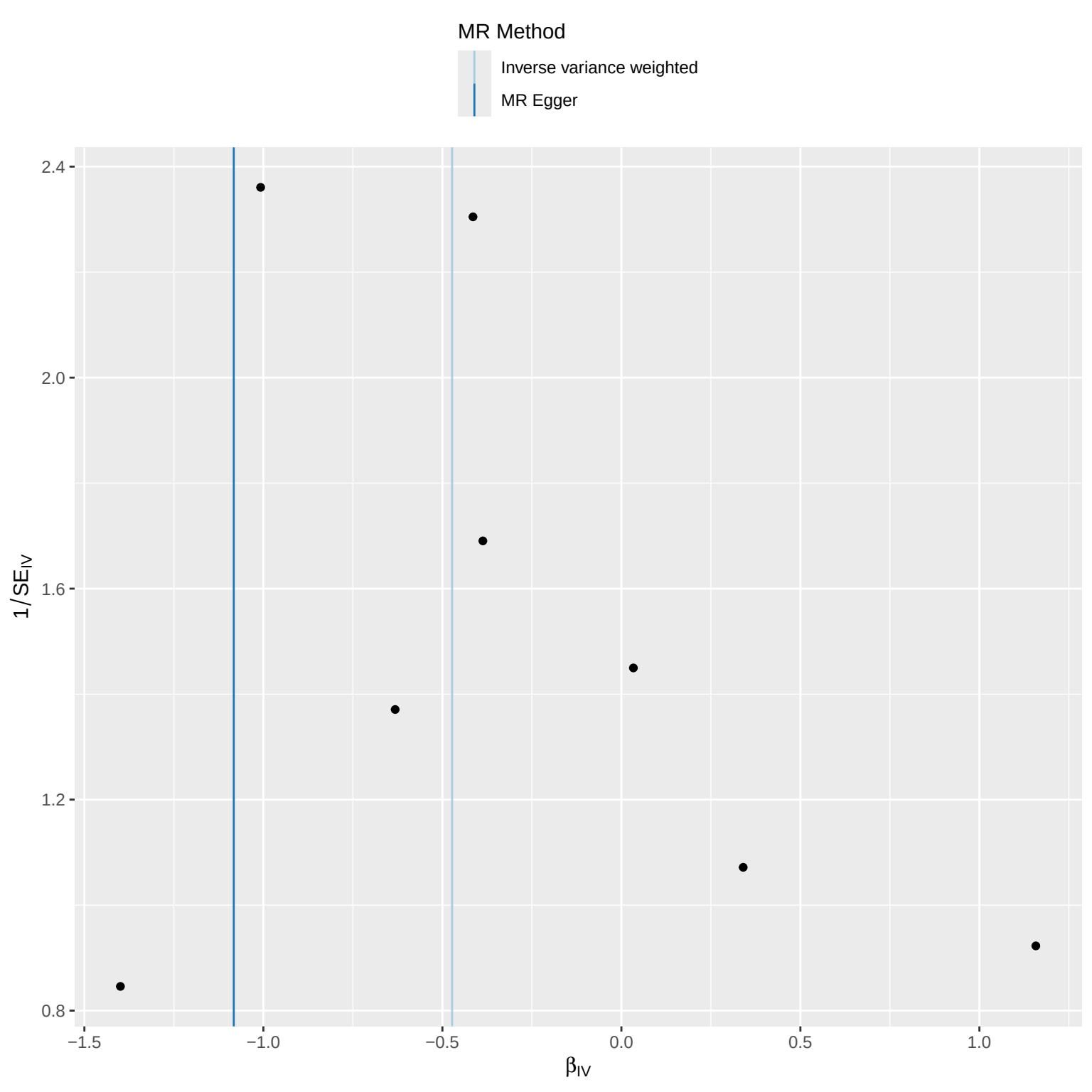

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

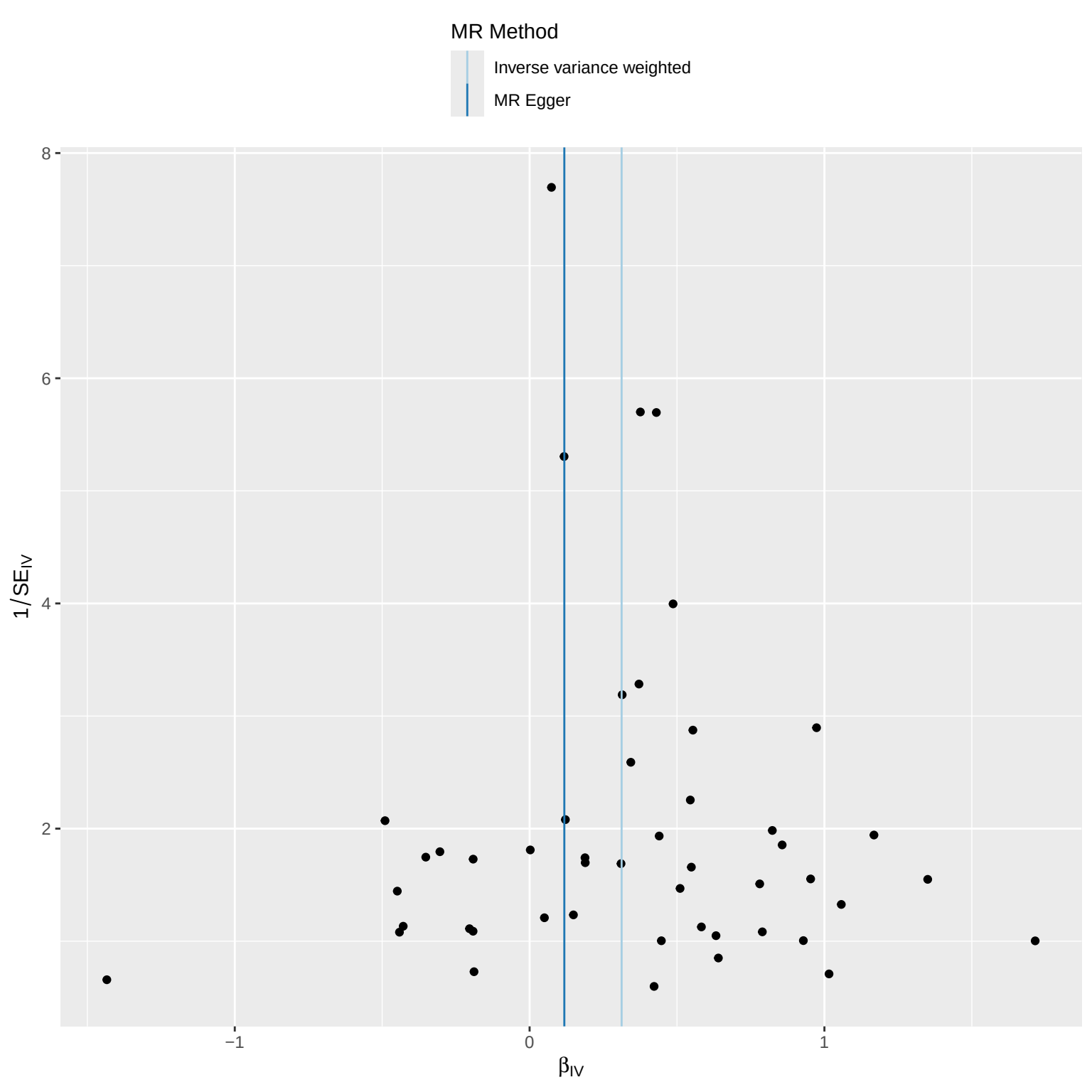

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
6
4
2
−2
−1
0
1
2
3
β_IV

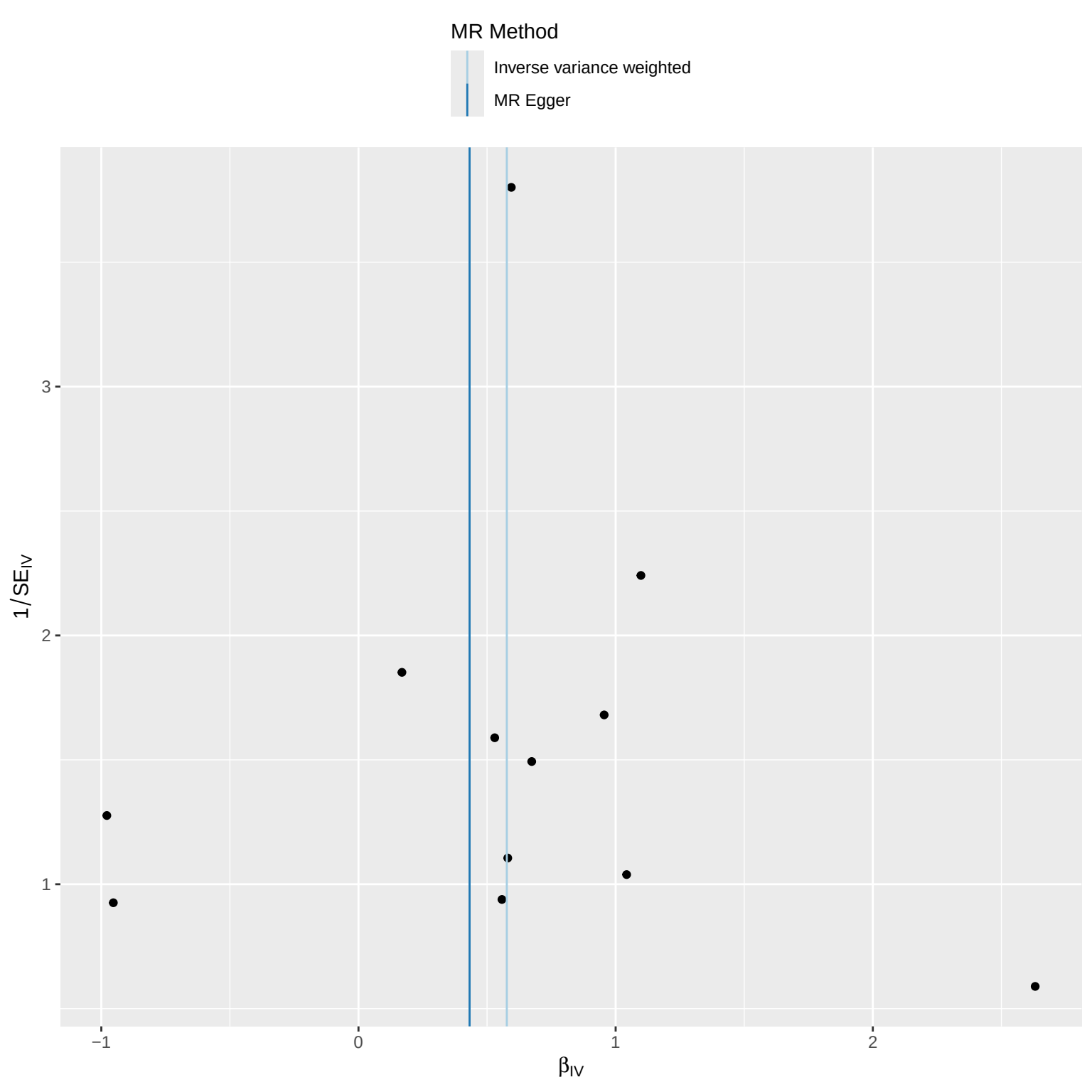

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
β_IV

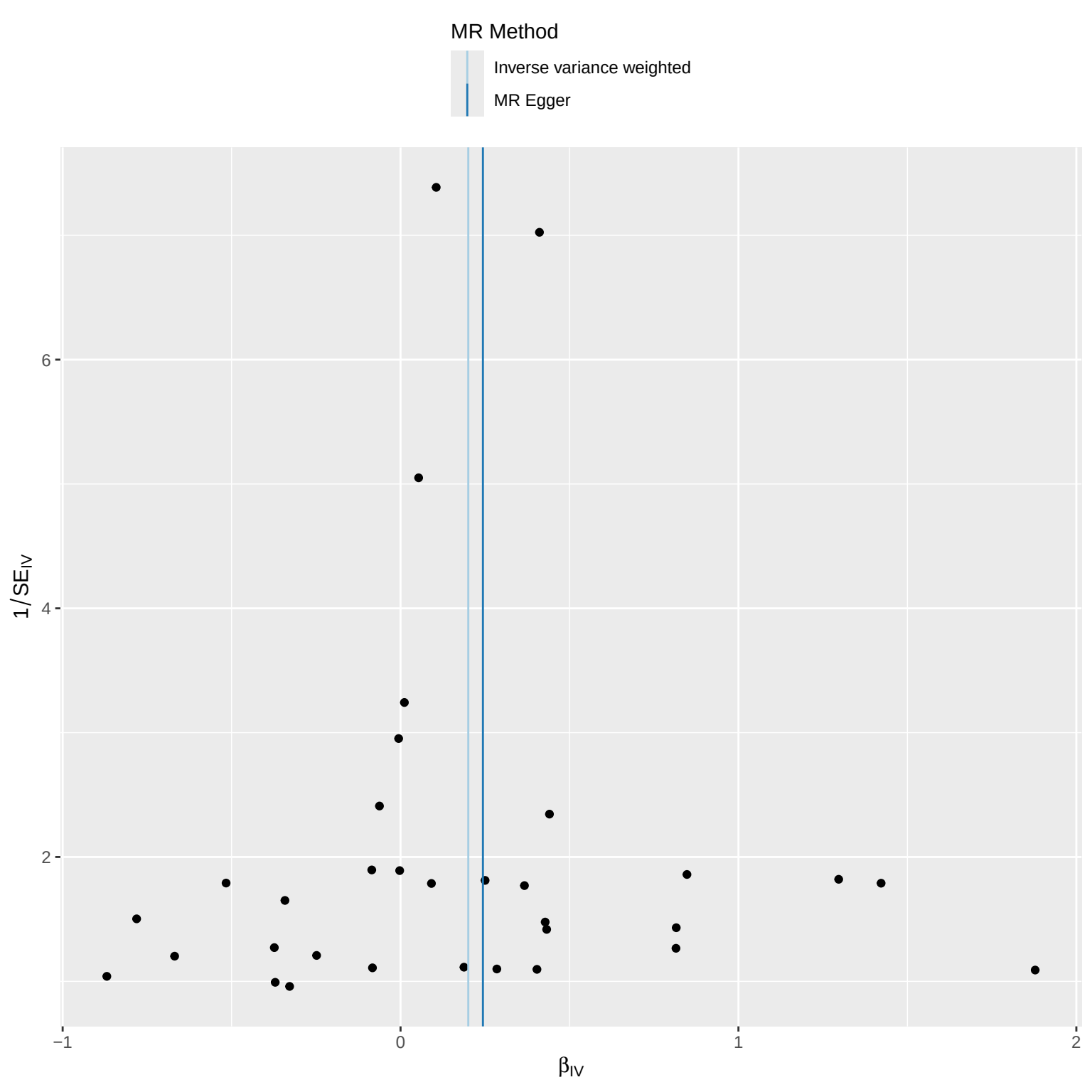

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

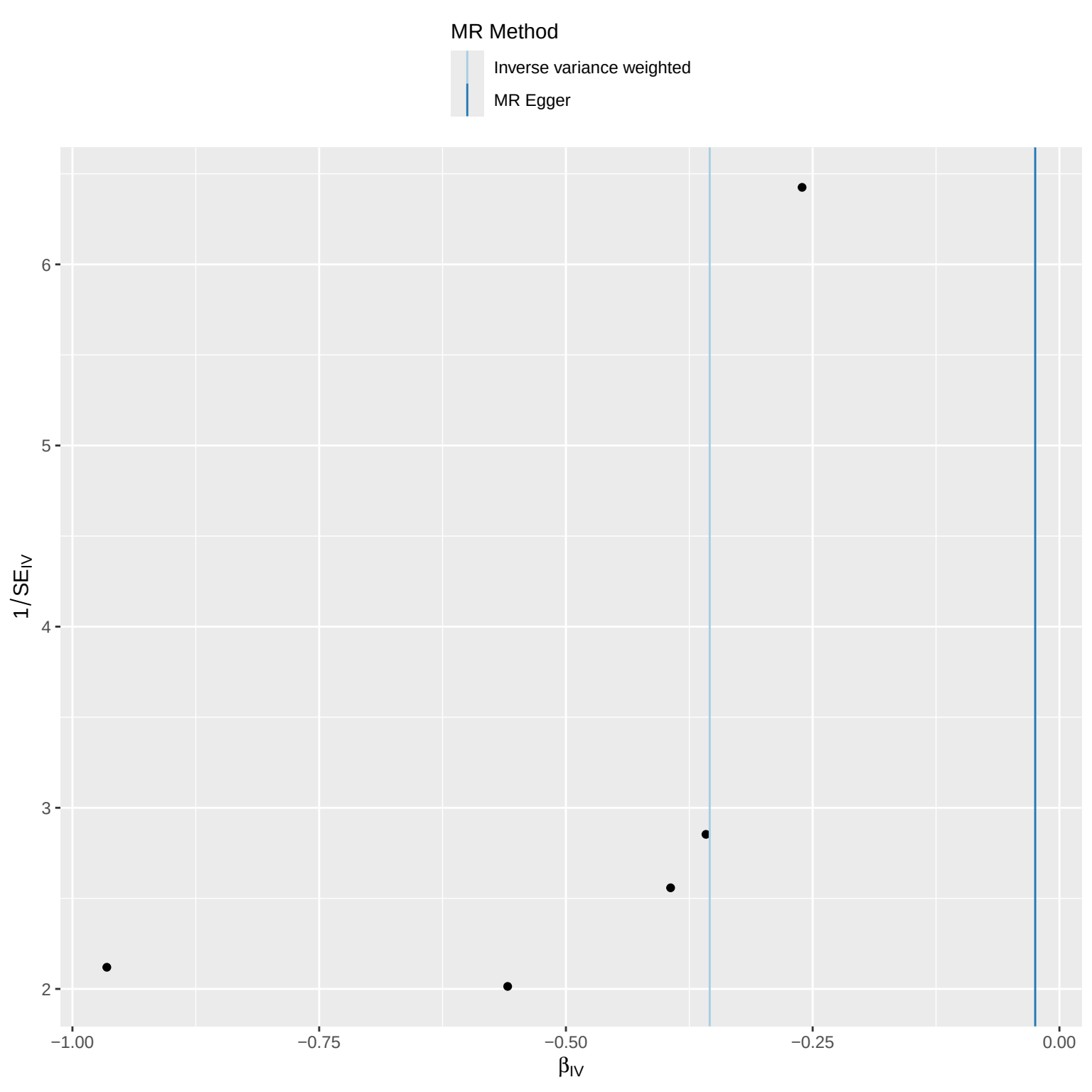

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−2
−1
0
β_IV

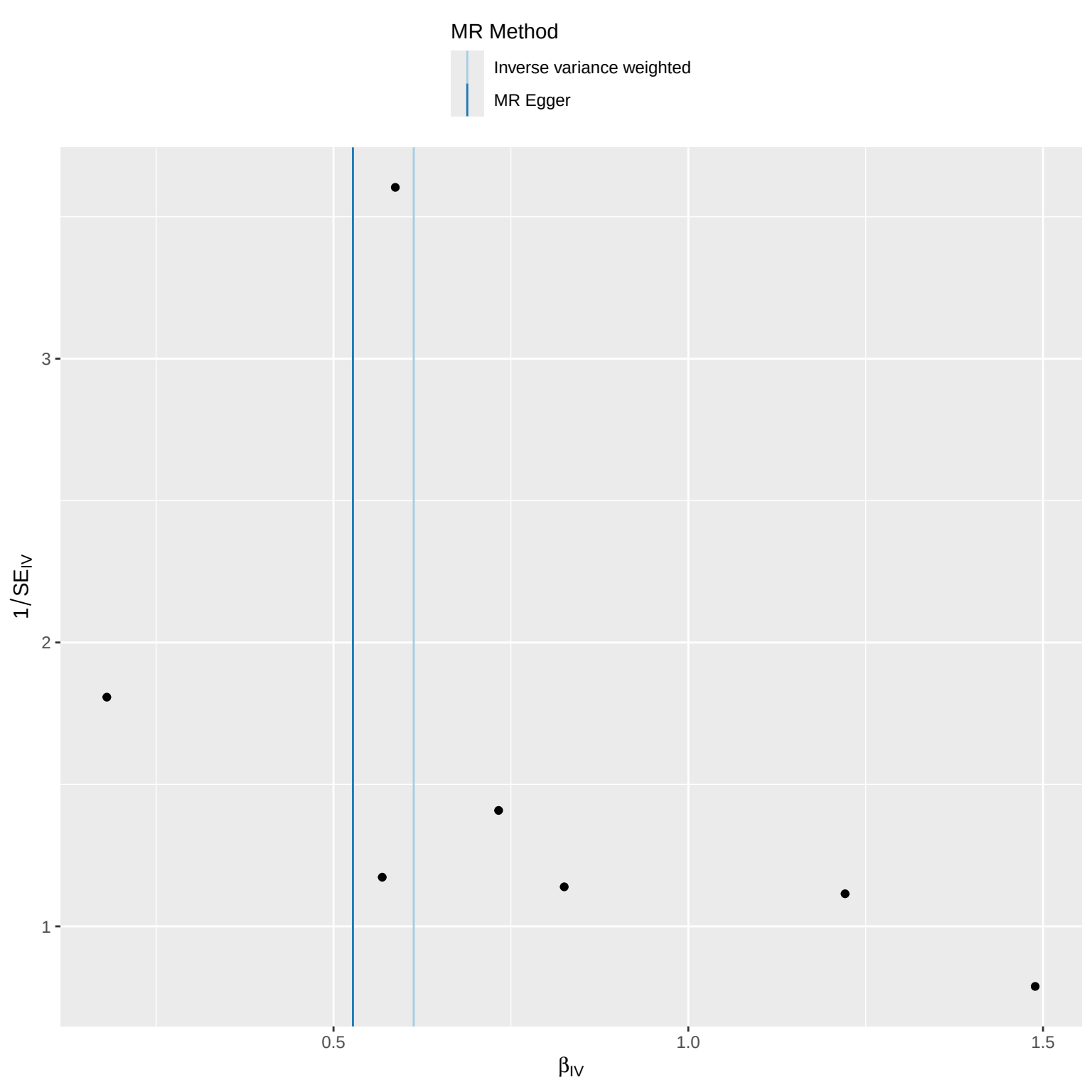

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

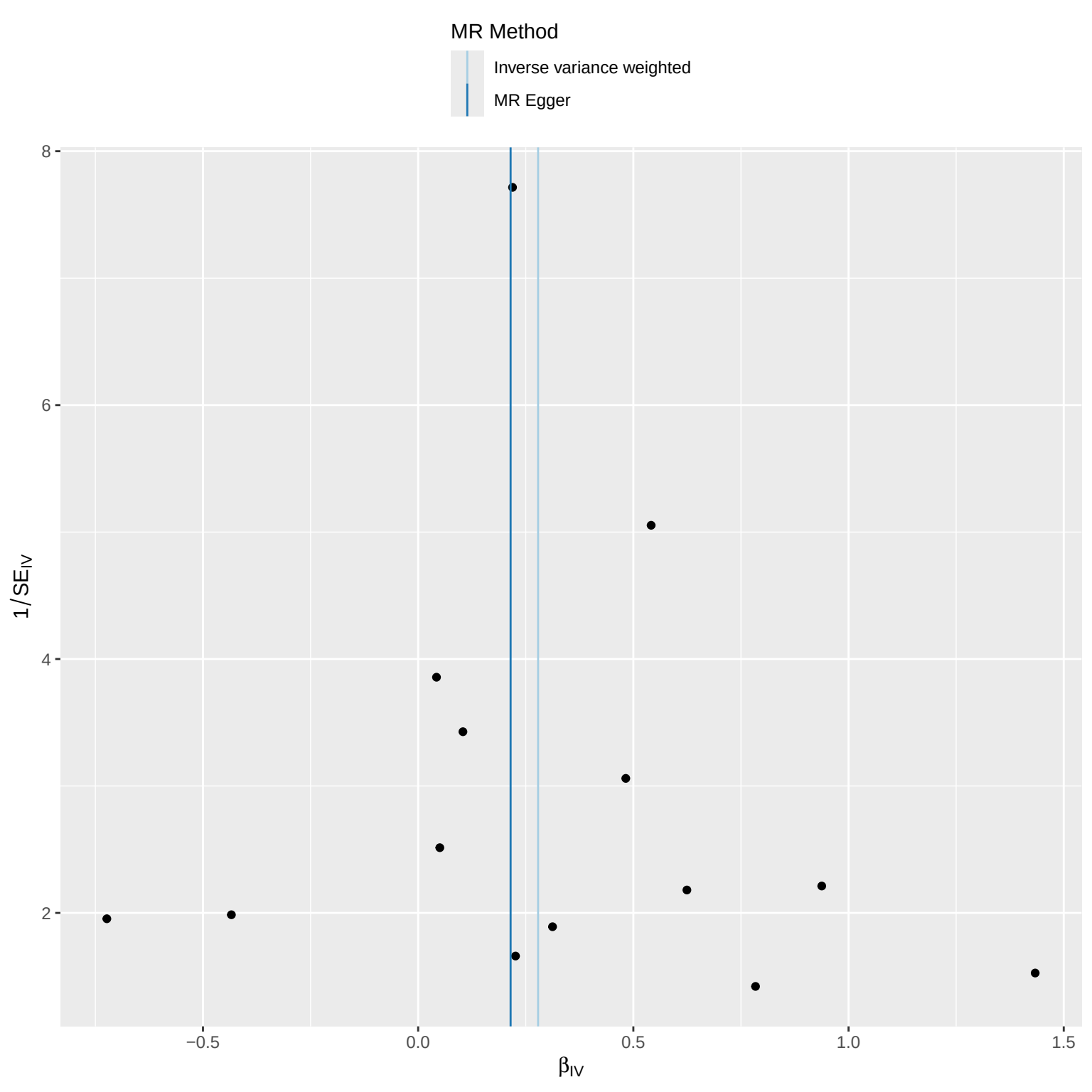

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

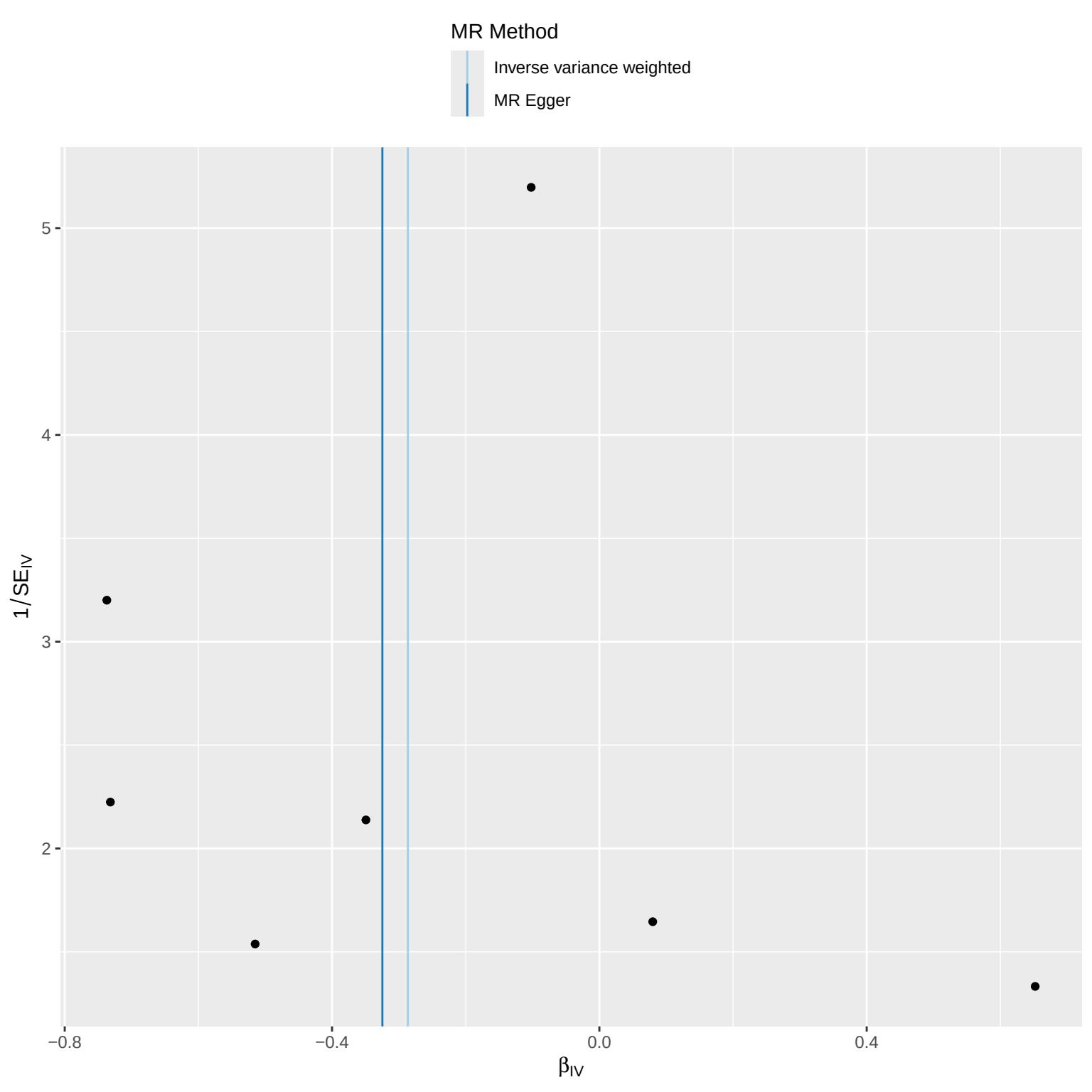

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

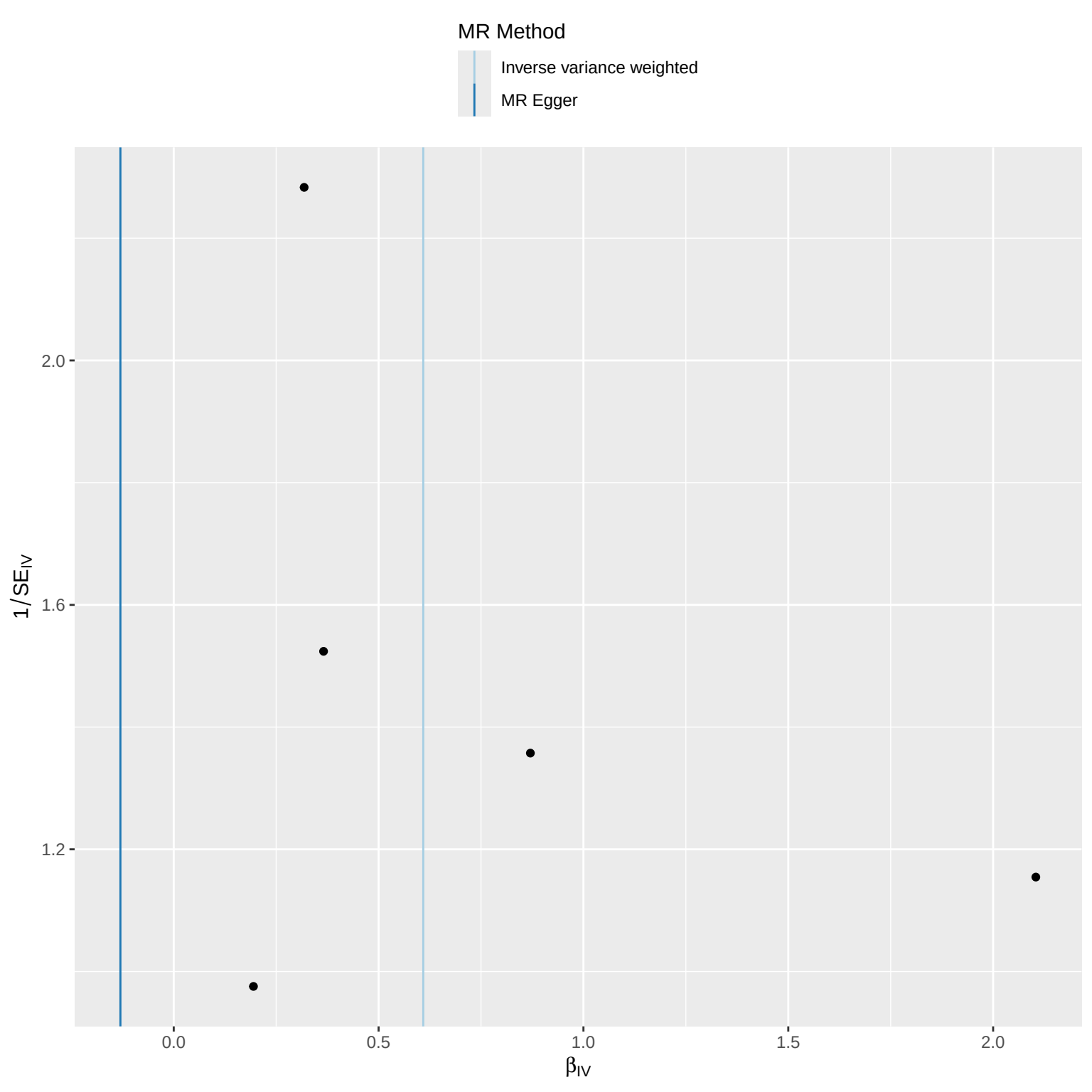

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

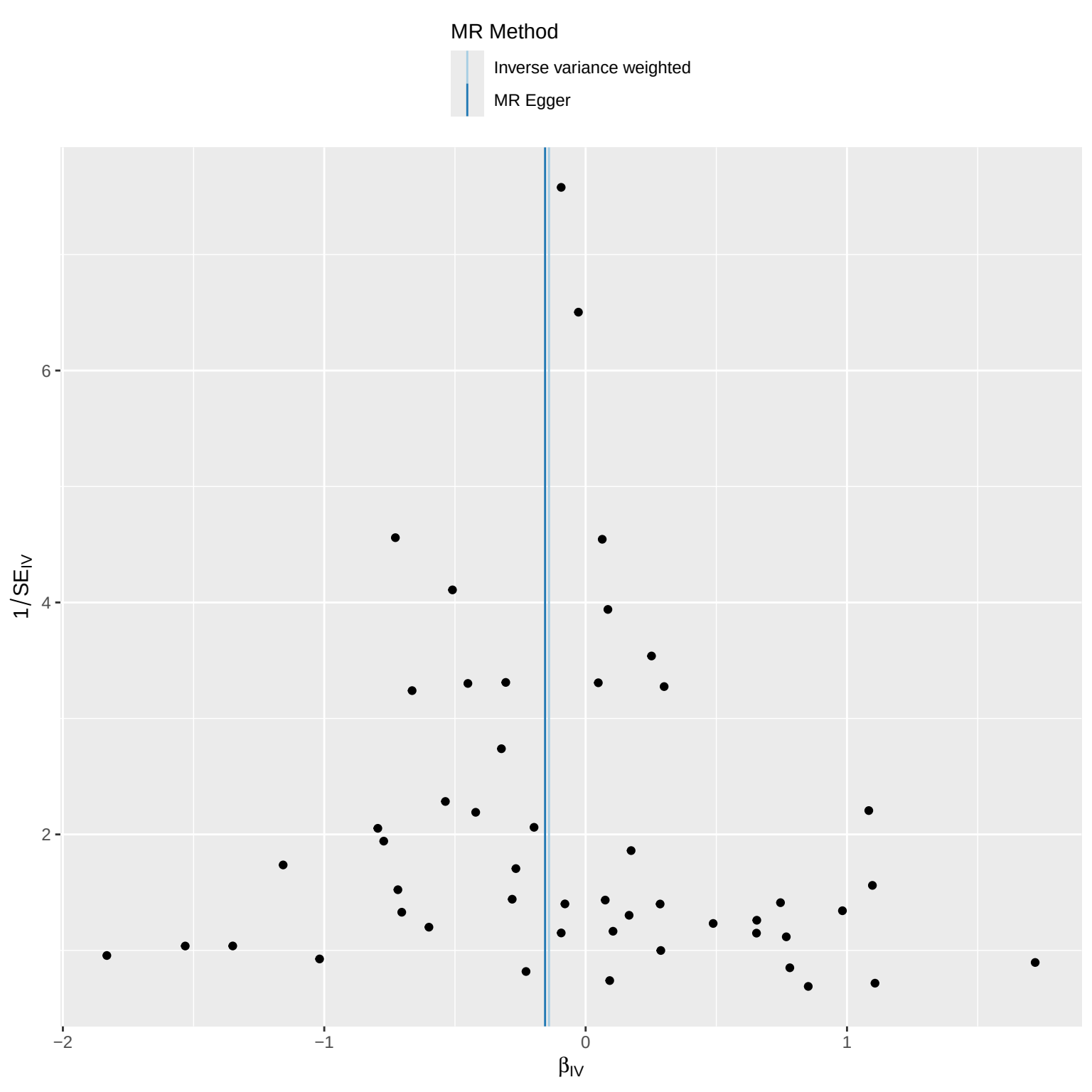

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
β_IV

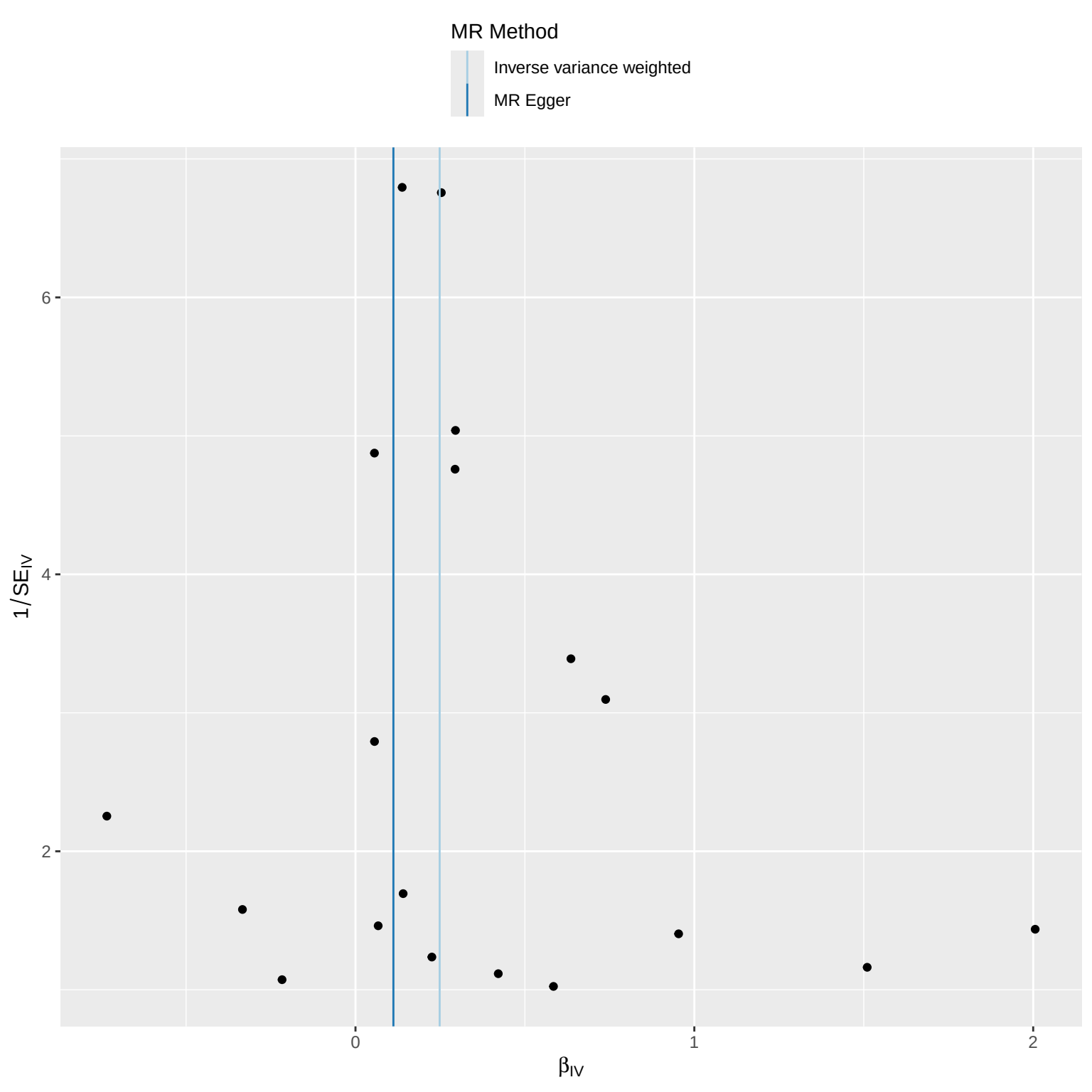

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.5
1.0
1.5
β_IV

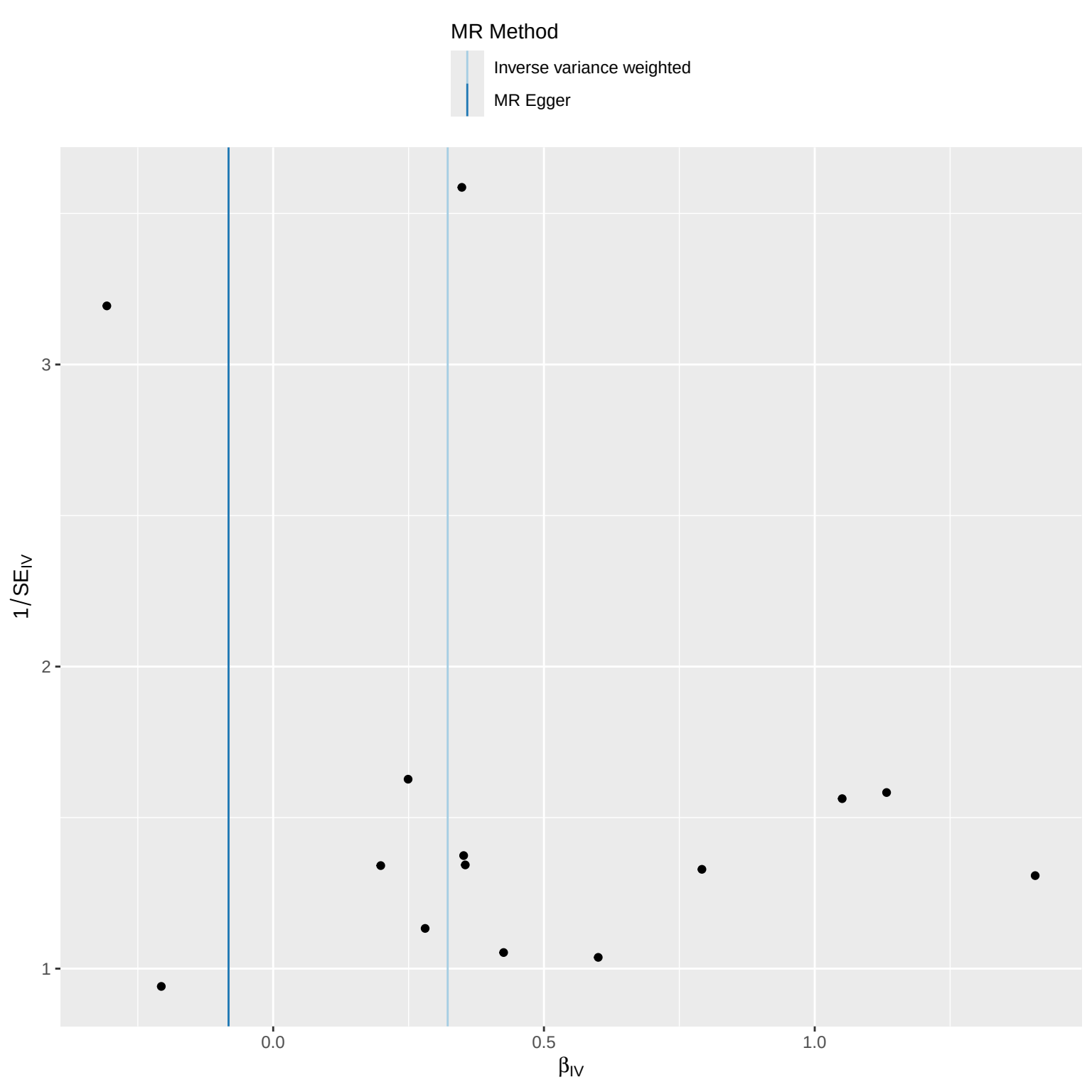

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

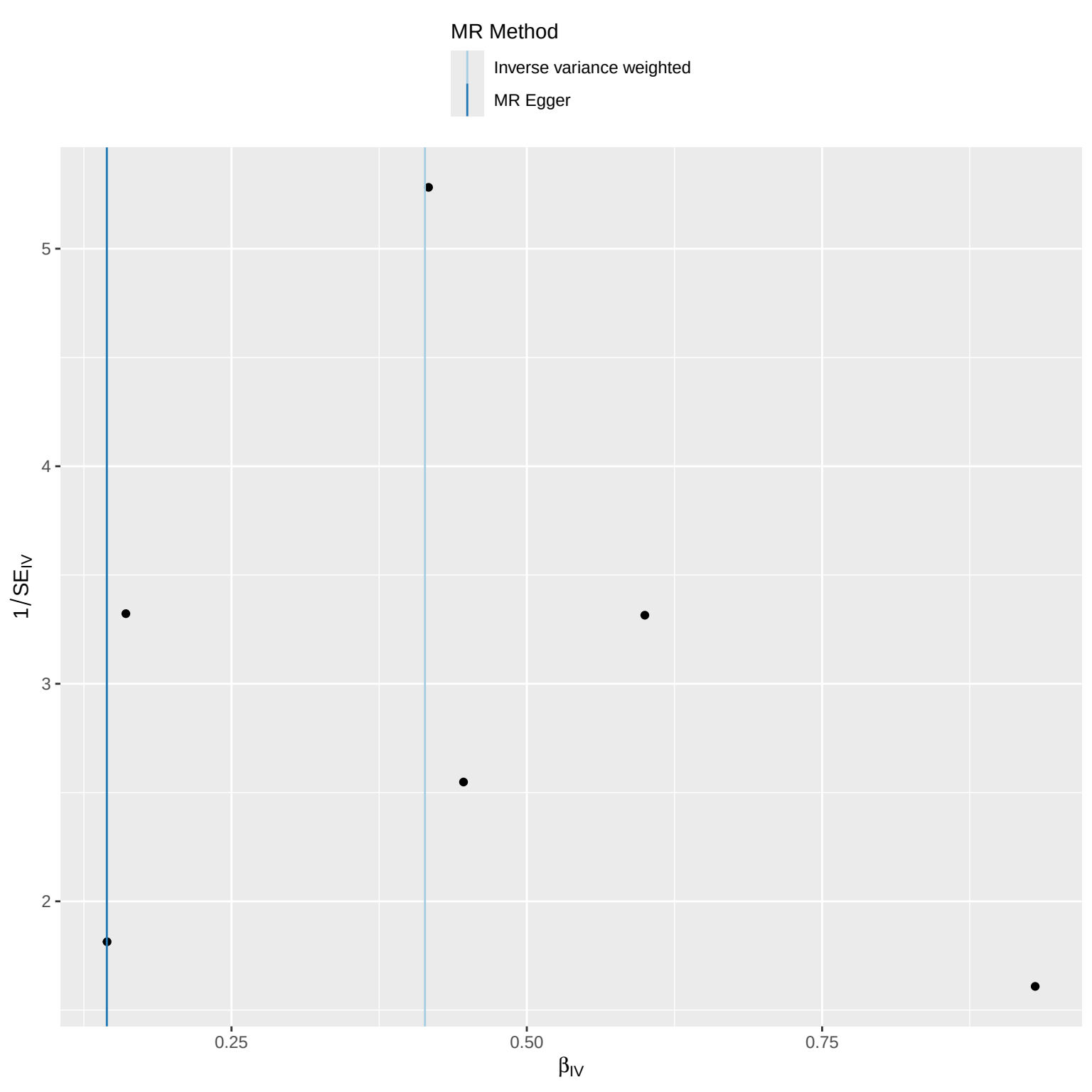

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

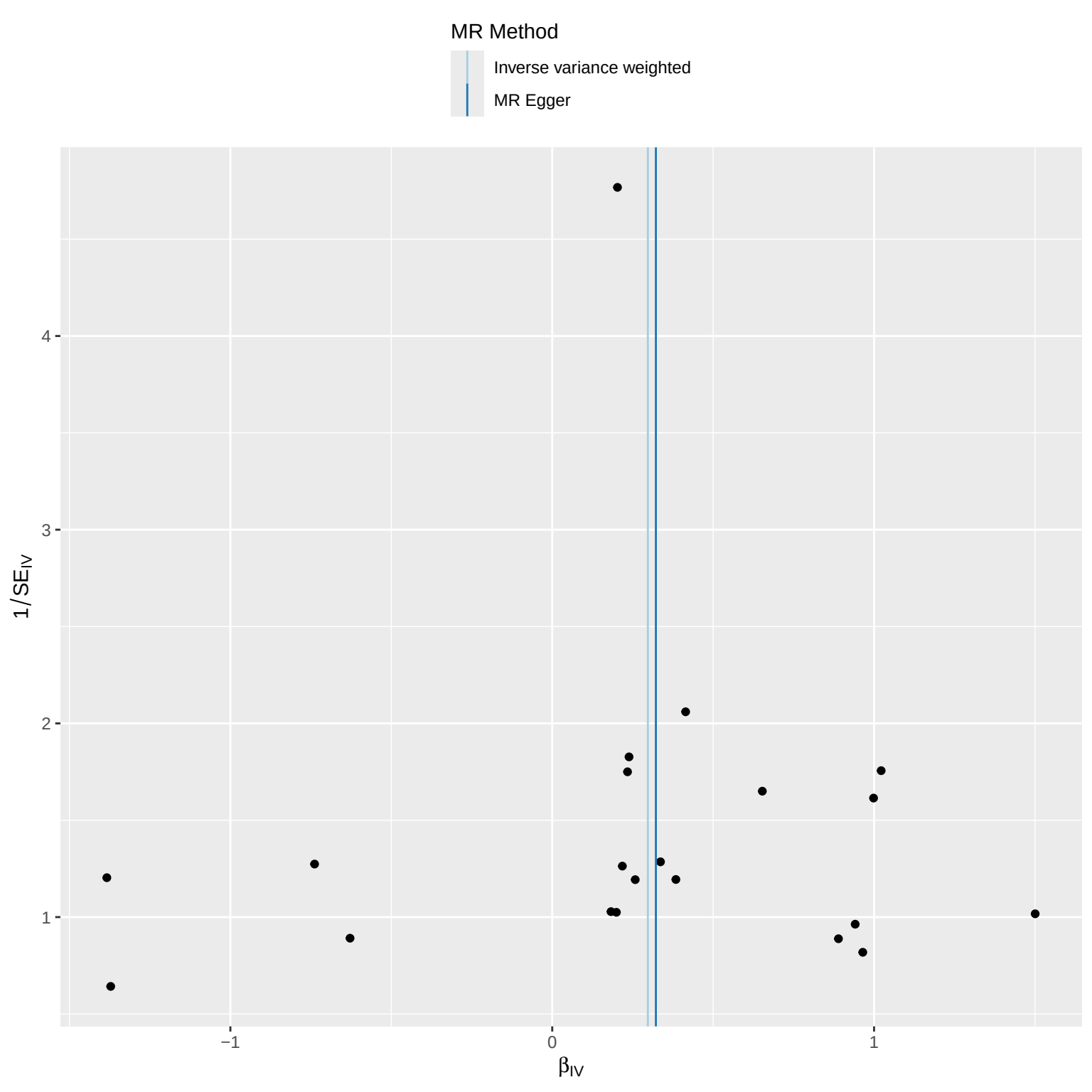

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

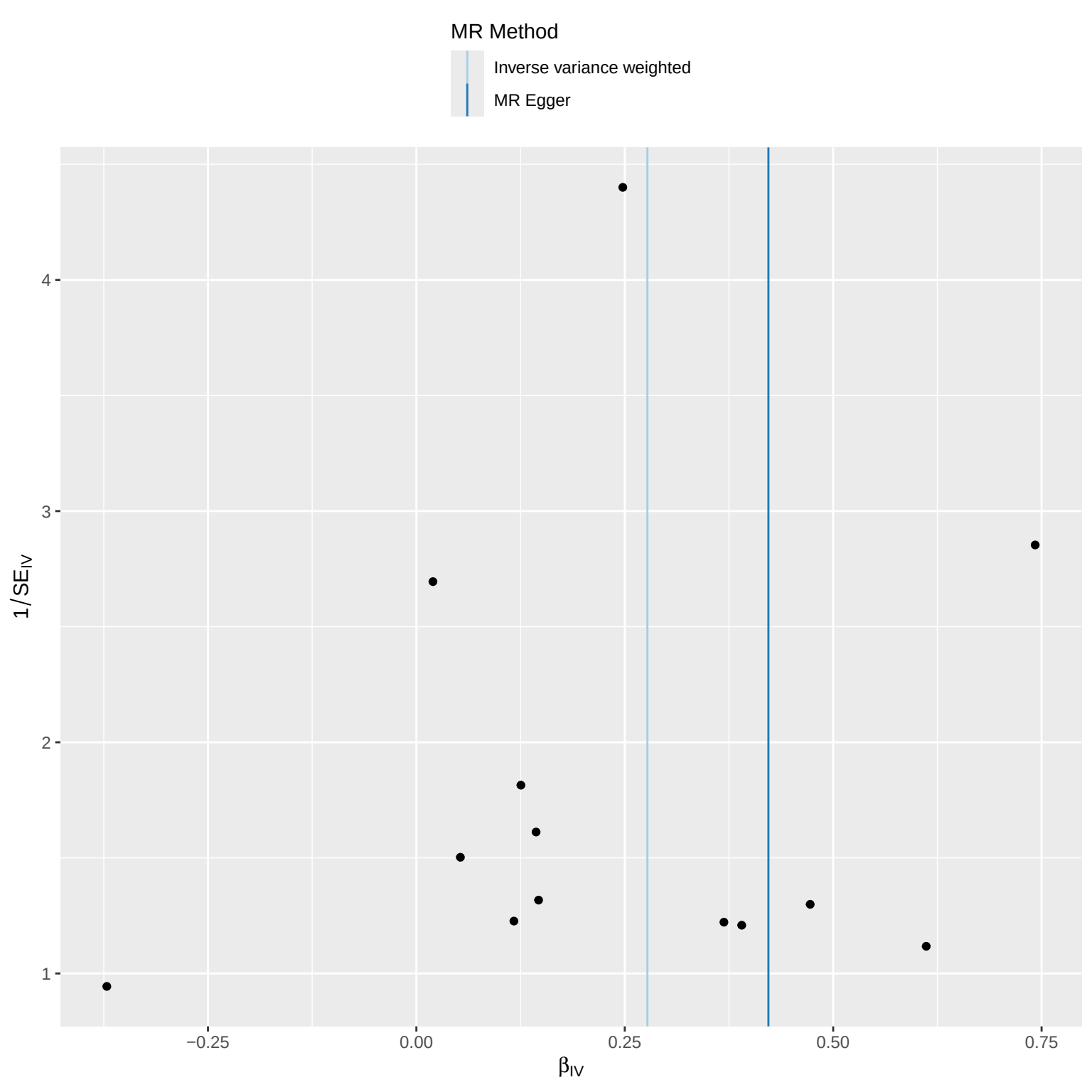

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

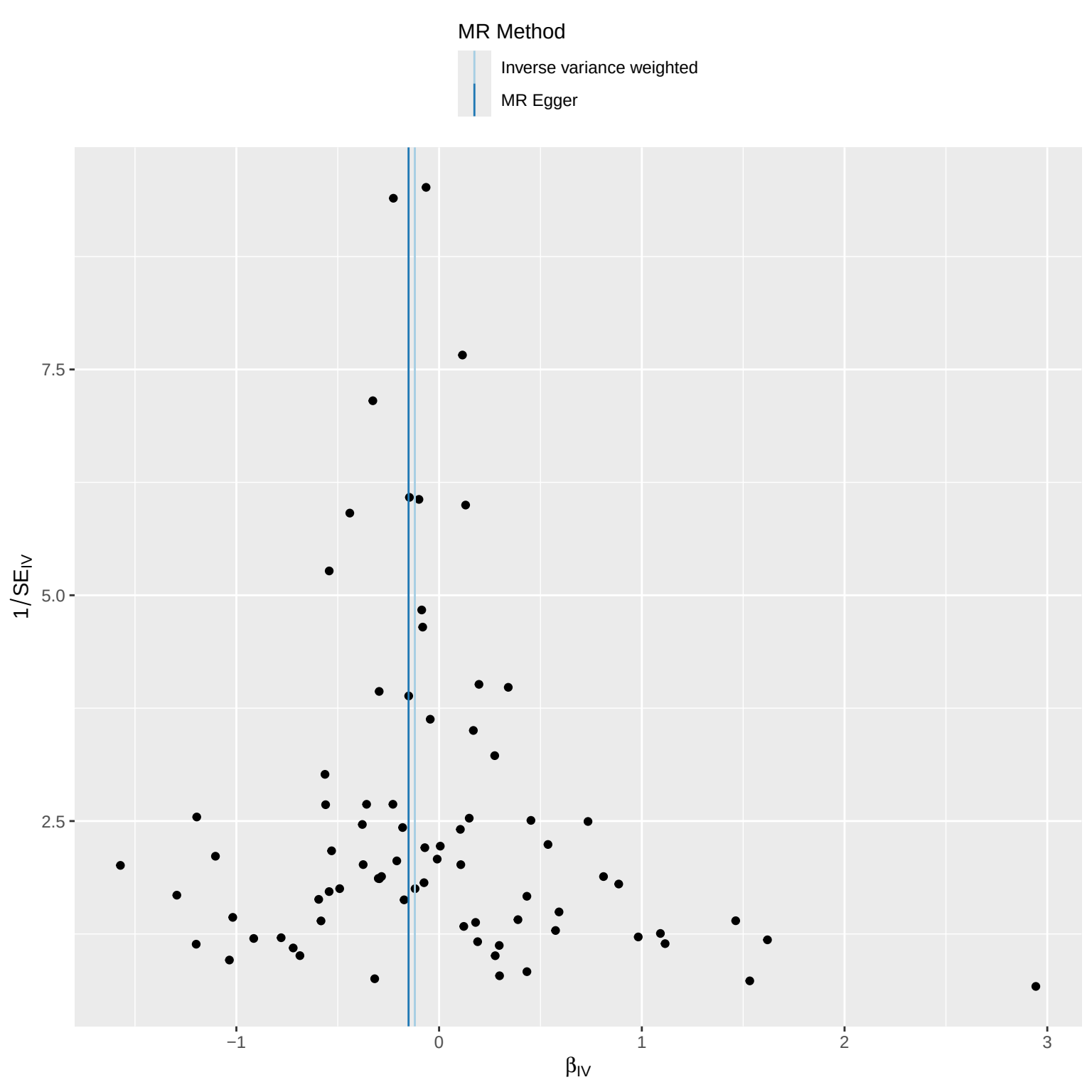

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

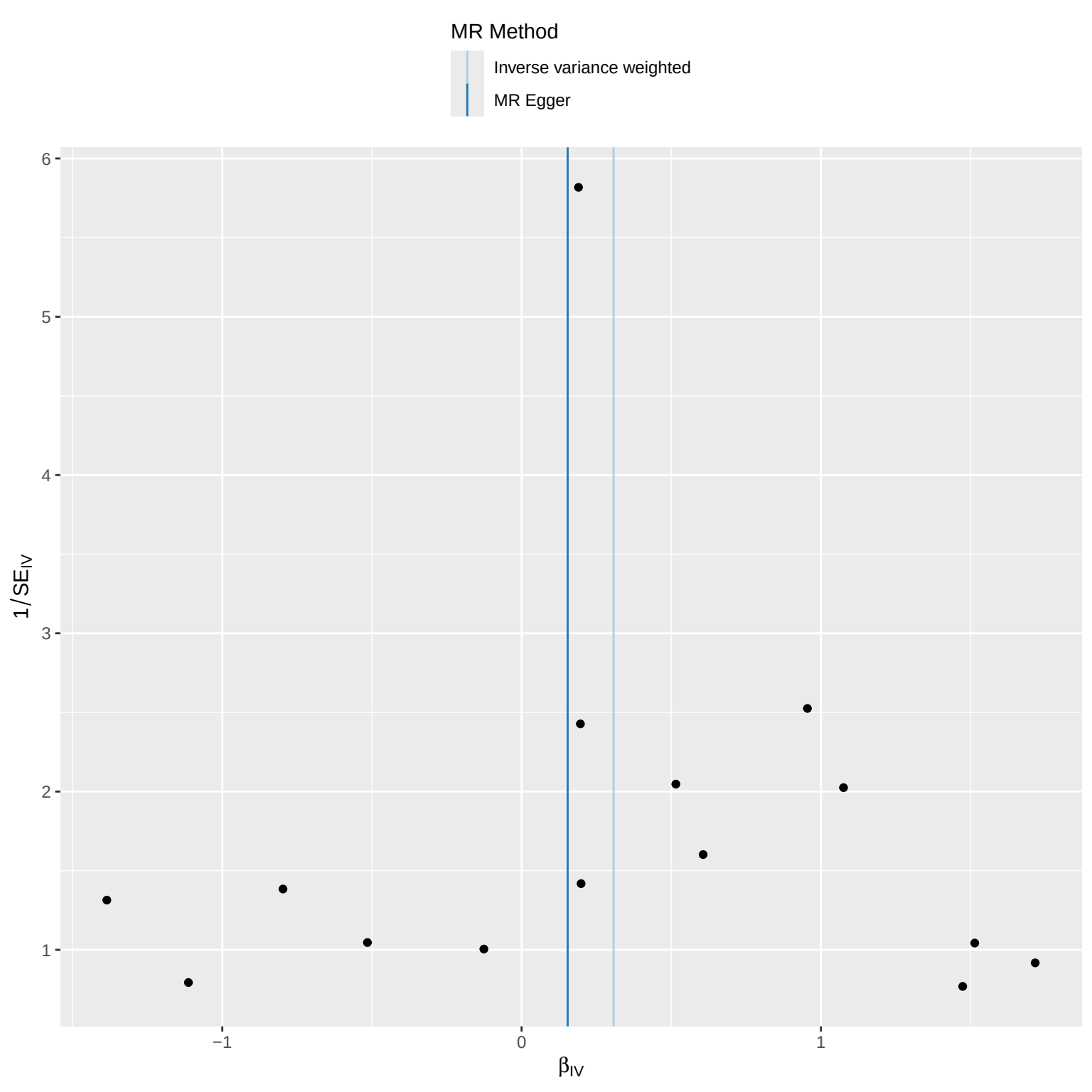

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

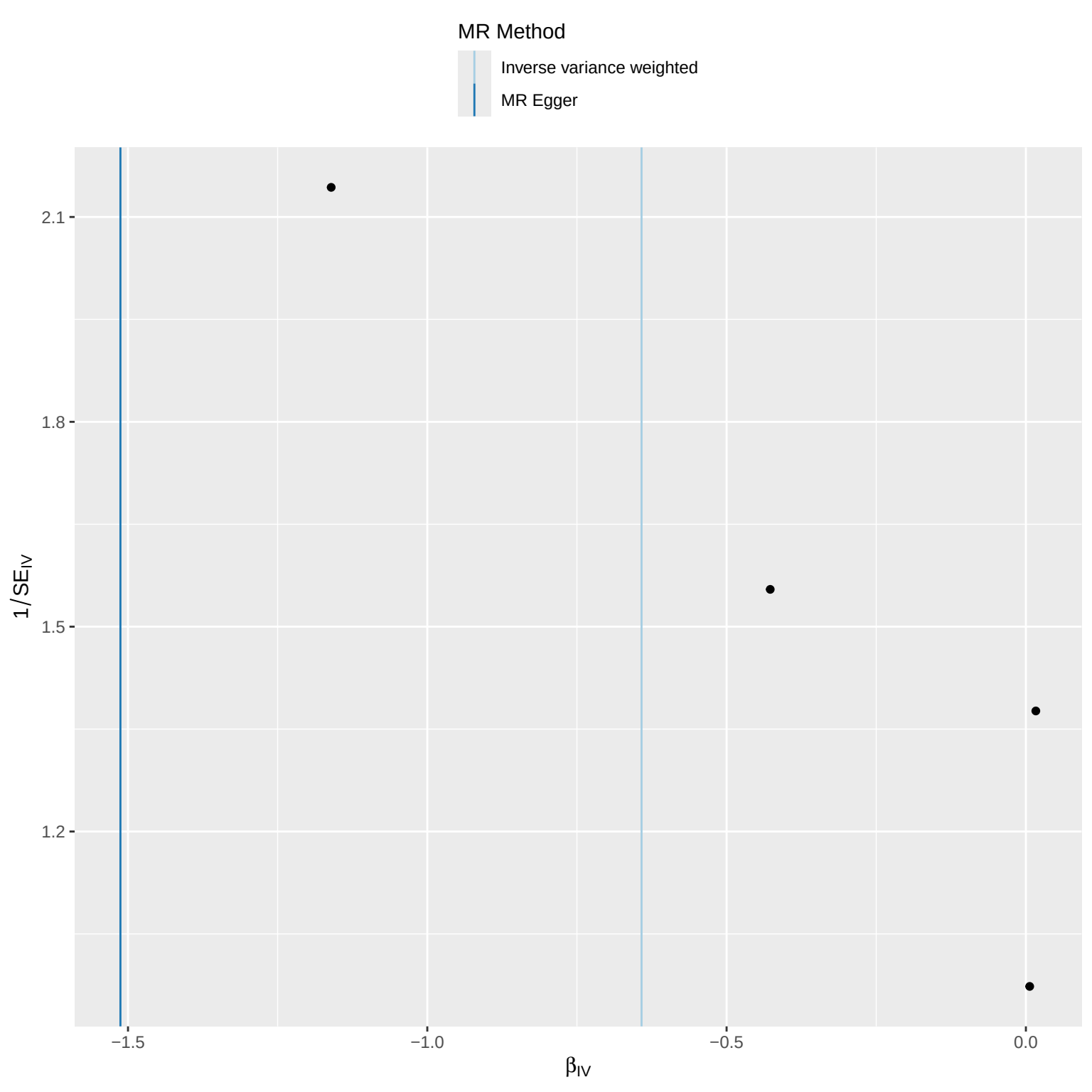

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.25
0.50
0.75
β_IV

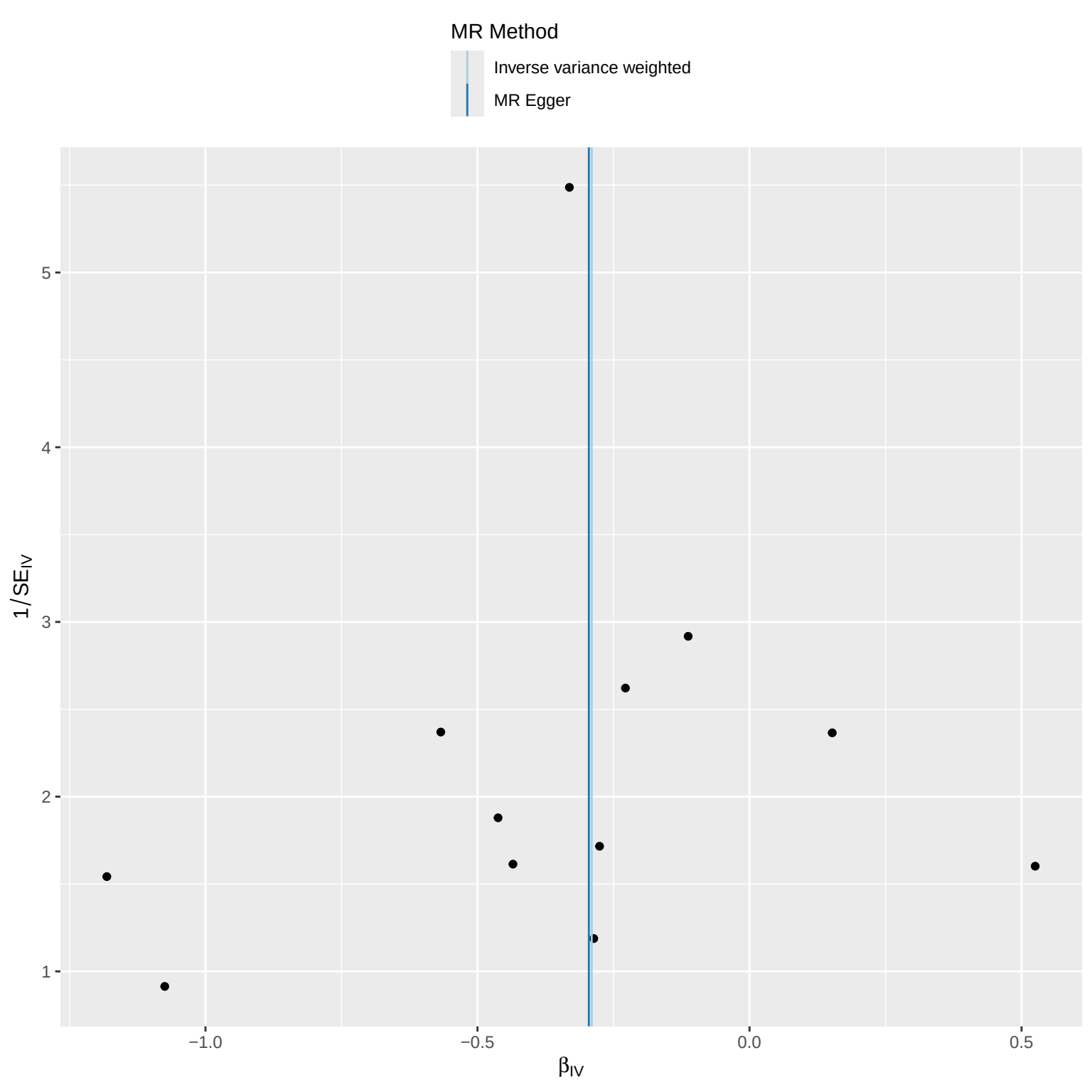

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

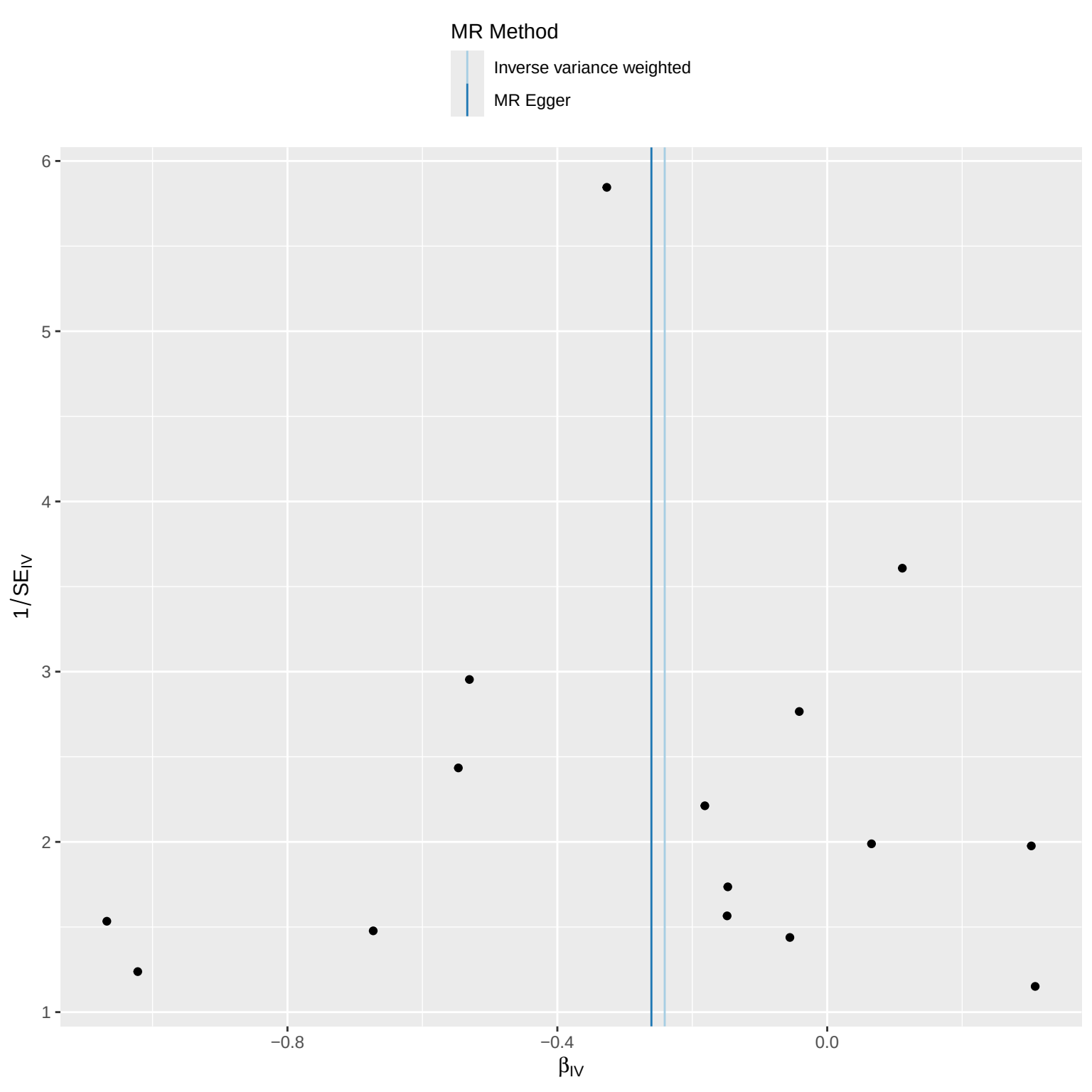

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−0.25
0.00
0.25
0.50
0.75
β_{IV}

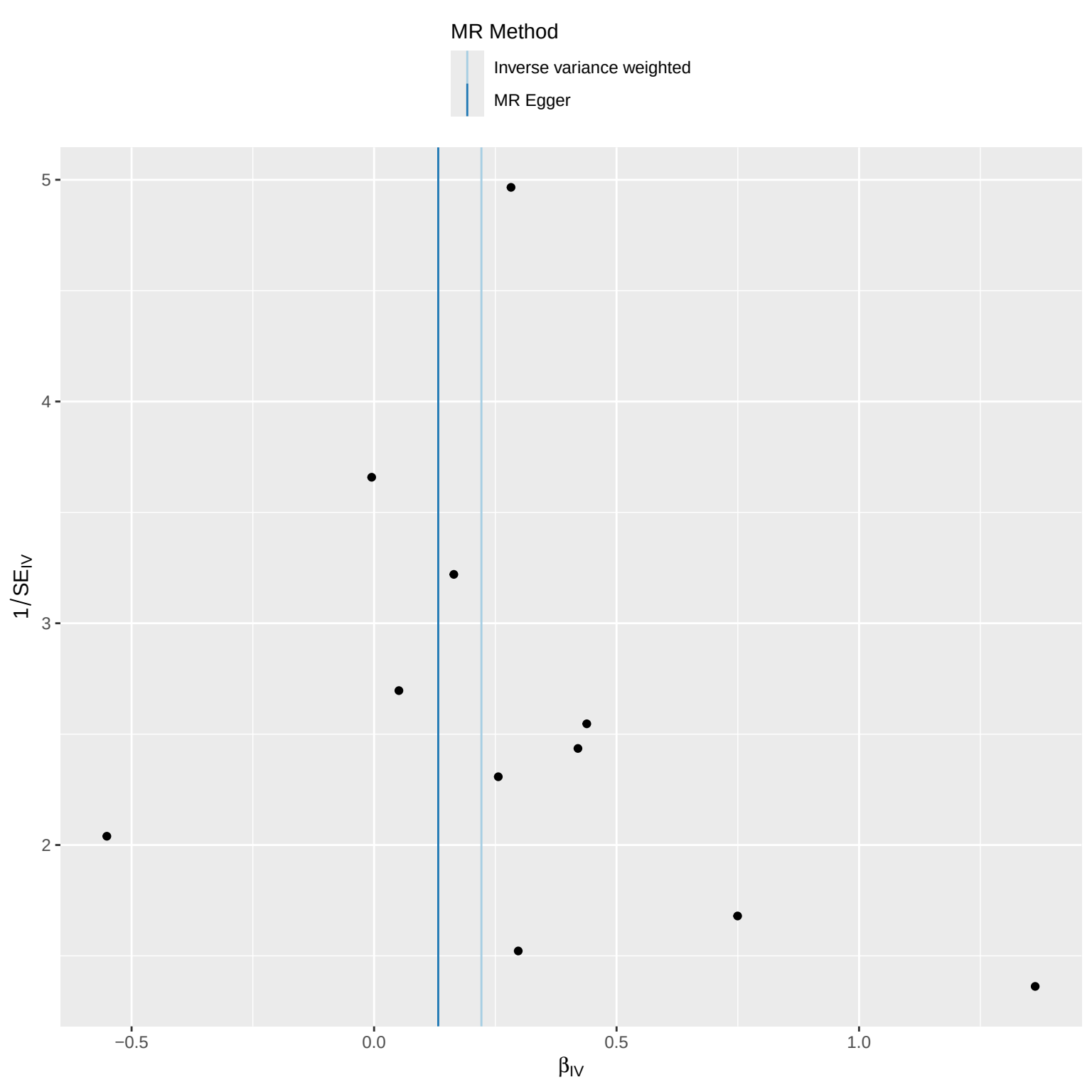

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
3
β_IV

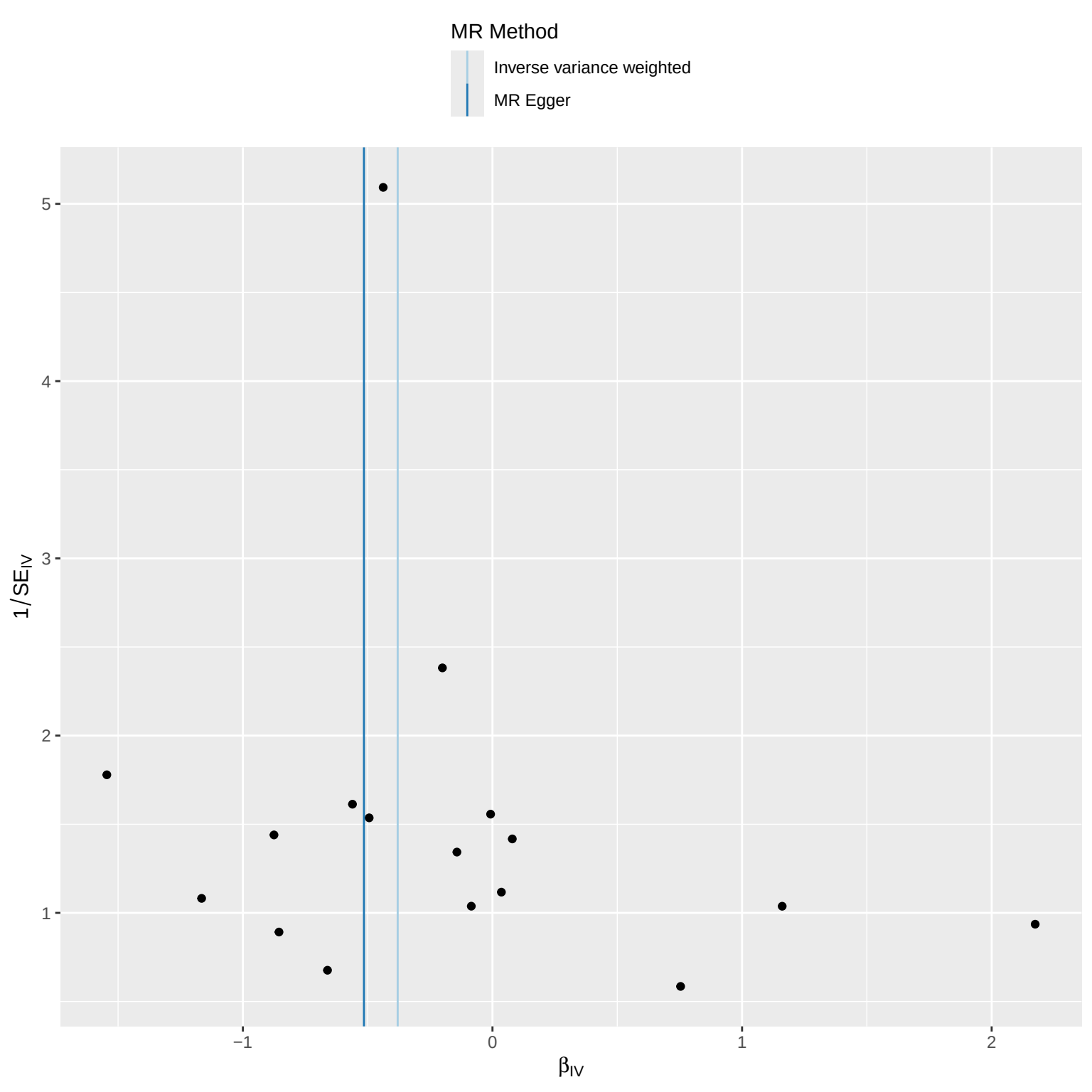

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

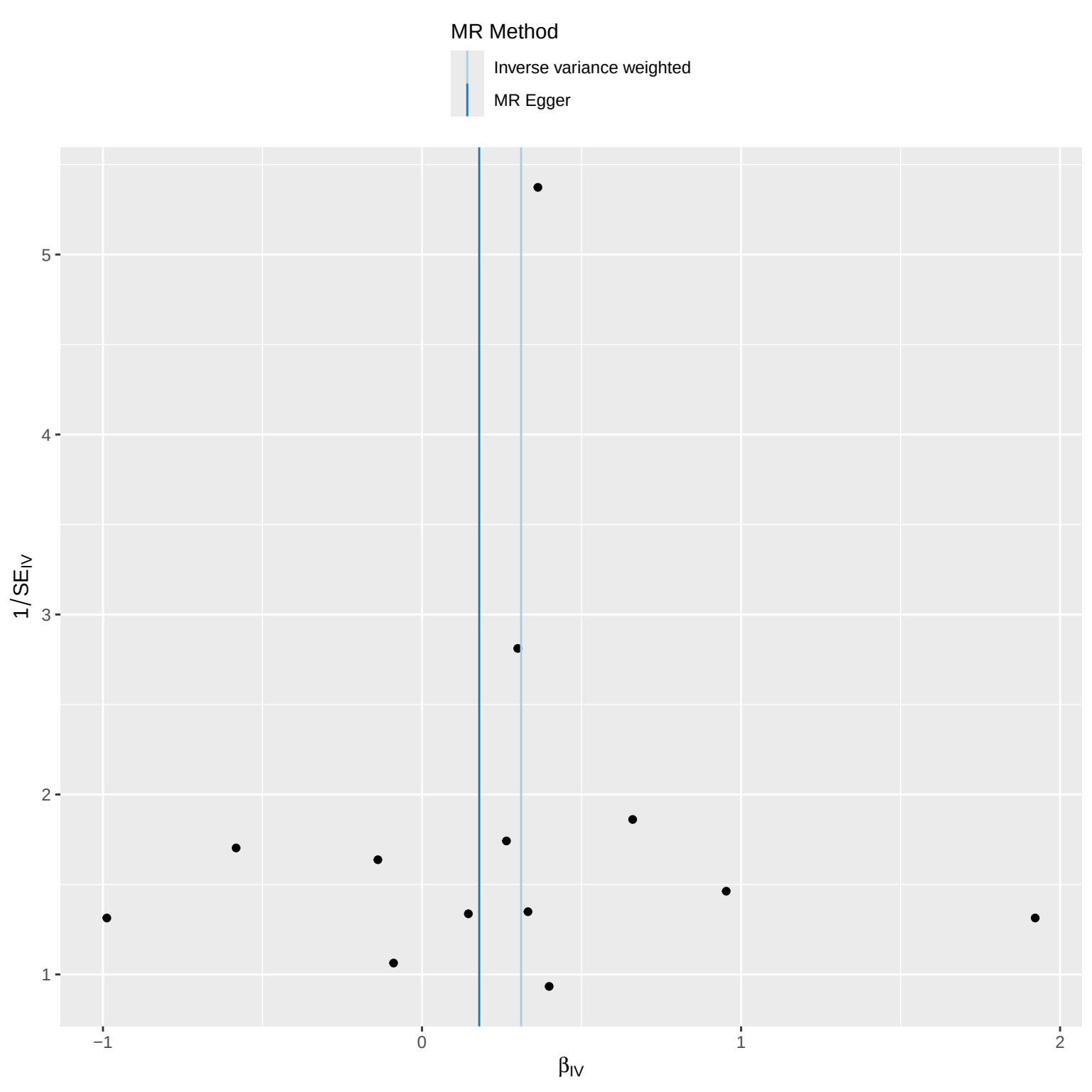

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

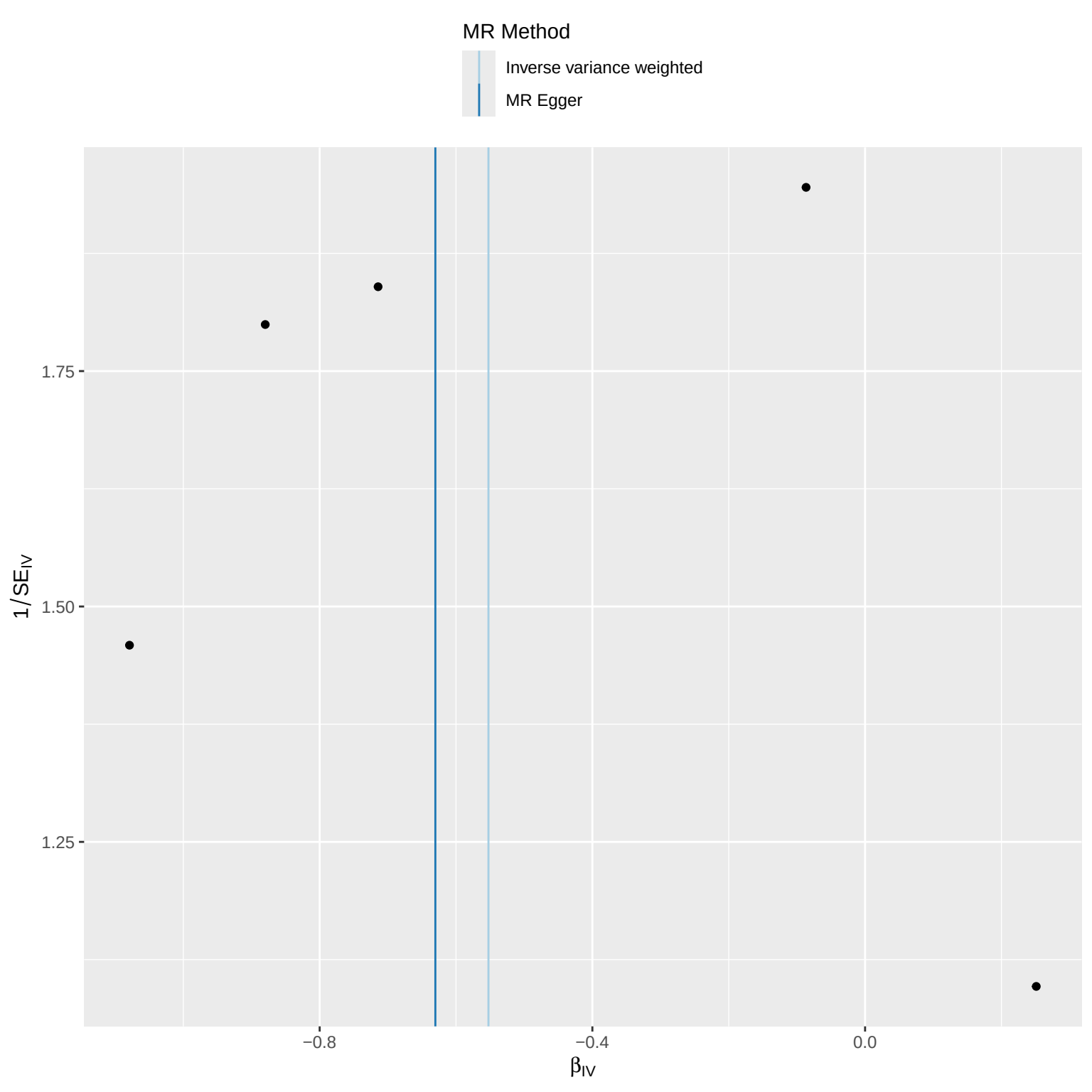

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

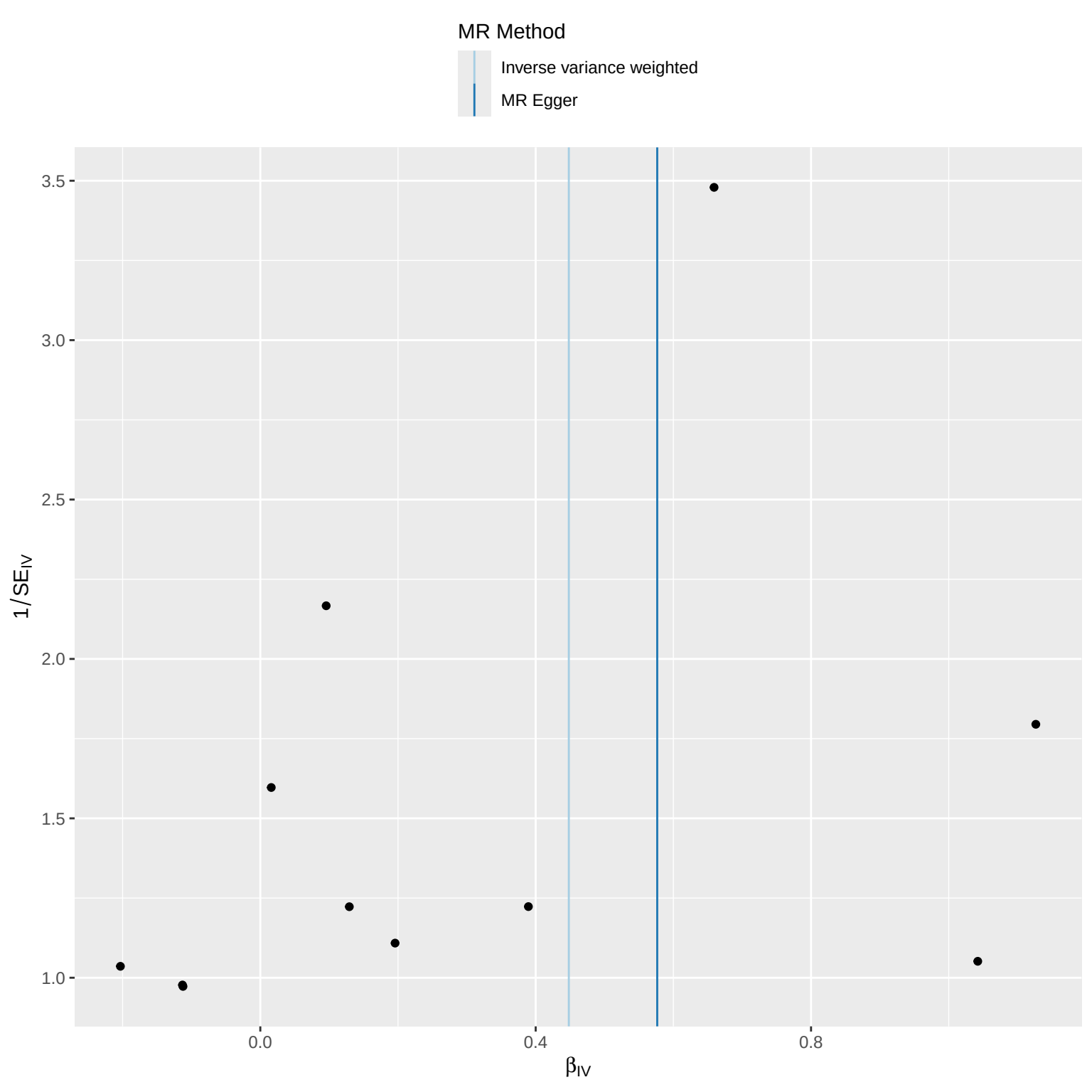

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−0.8
−0.4
0.0
β_IV

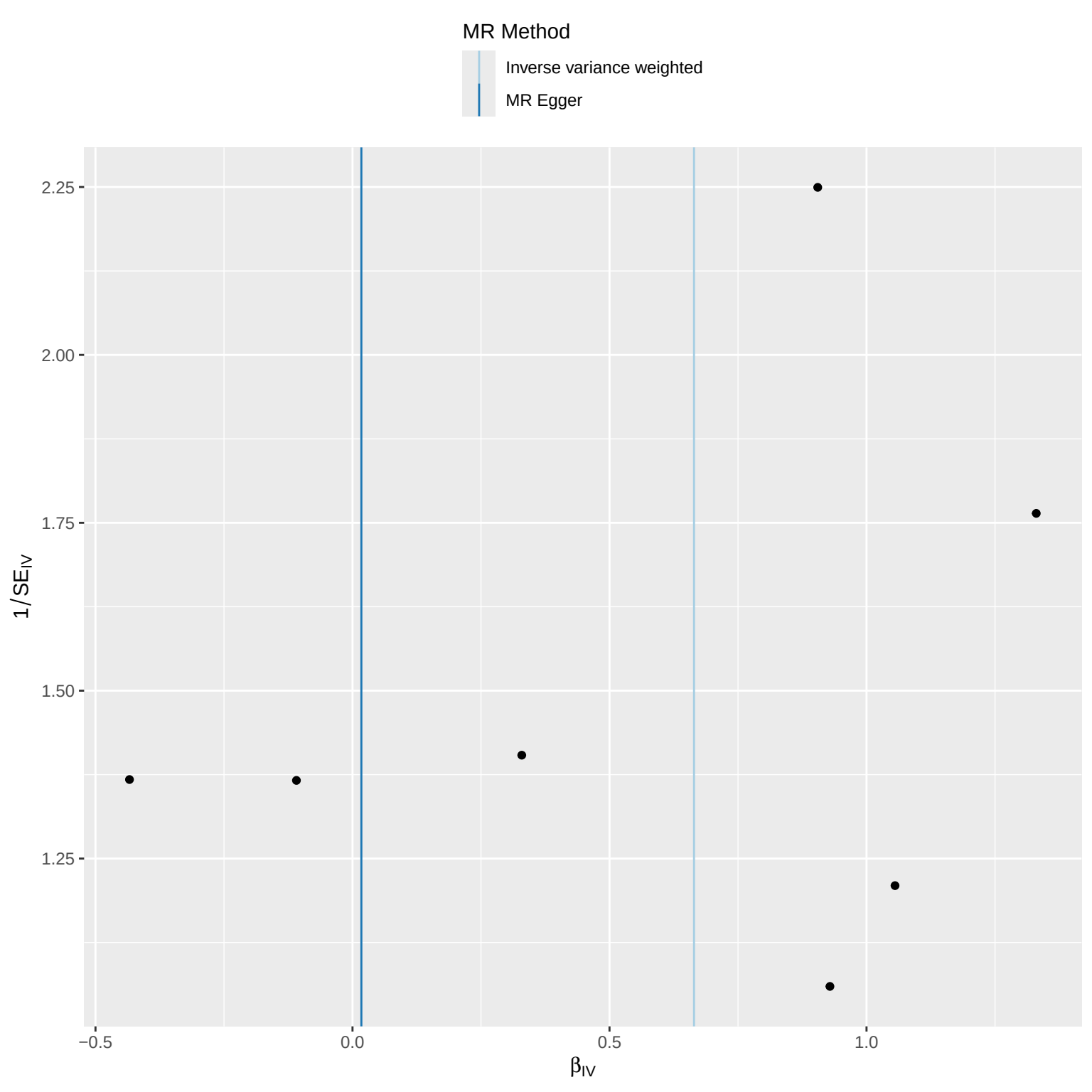

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

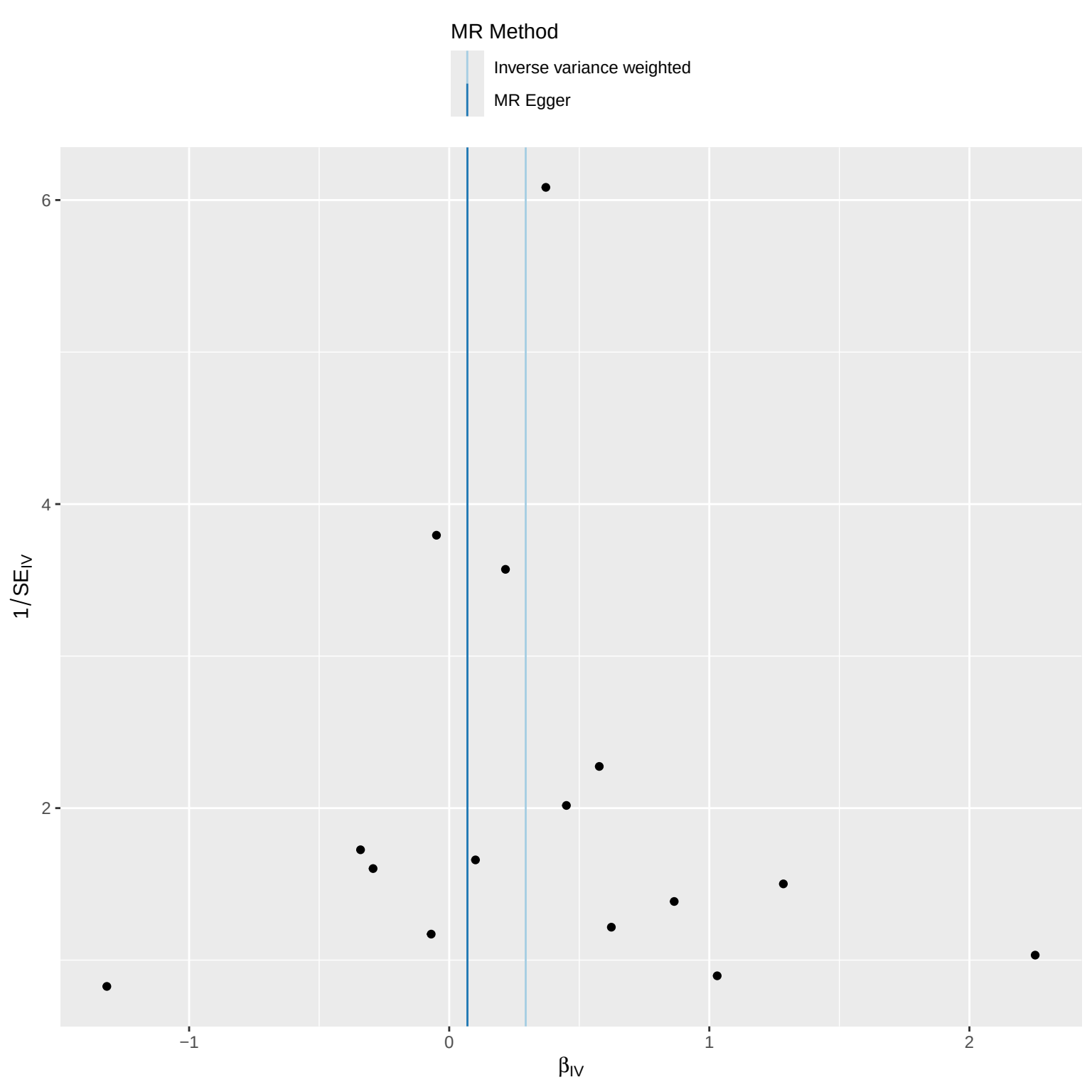

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

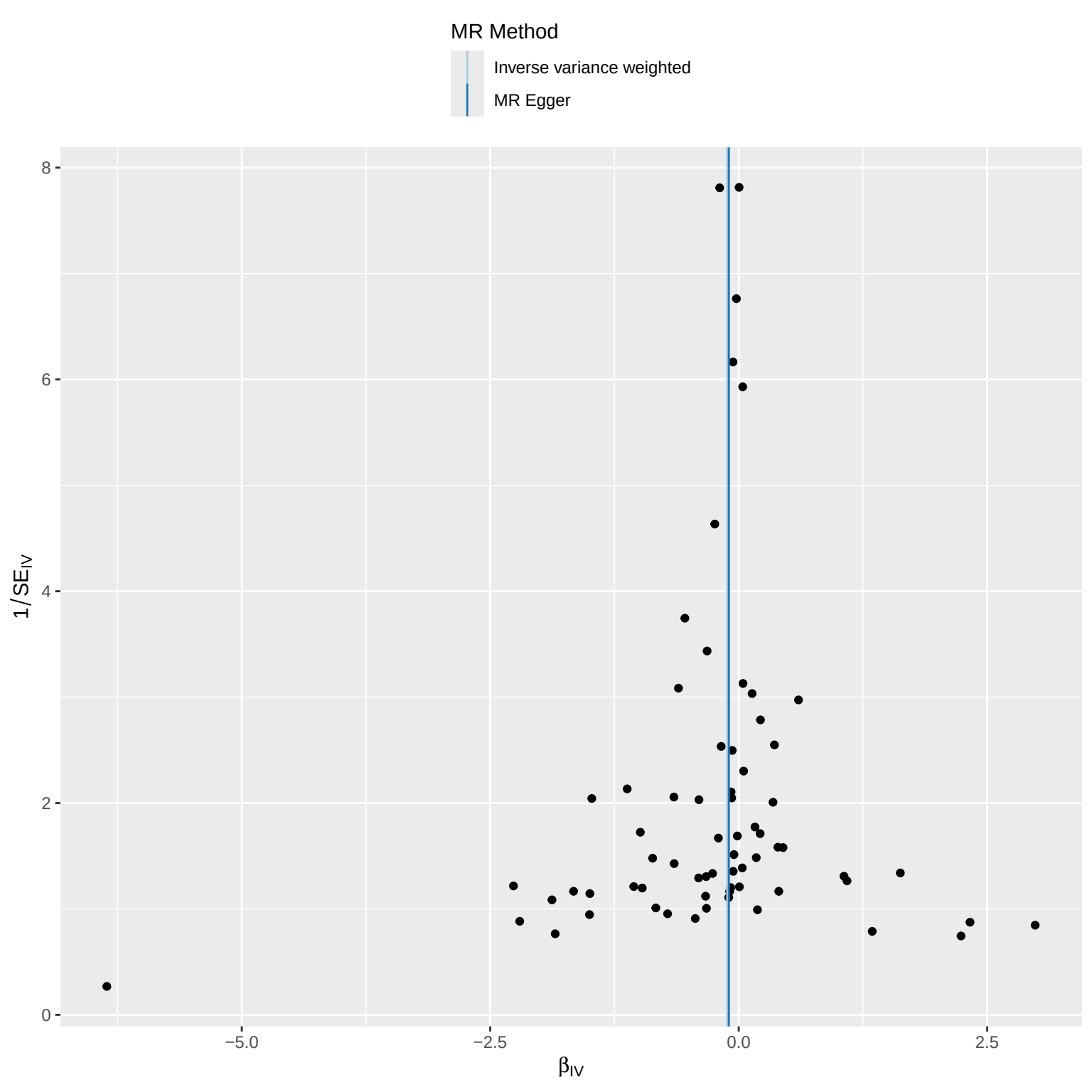

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

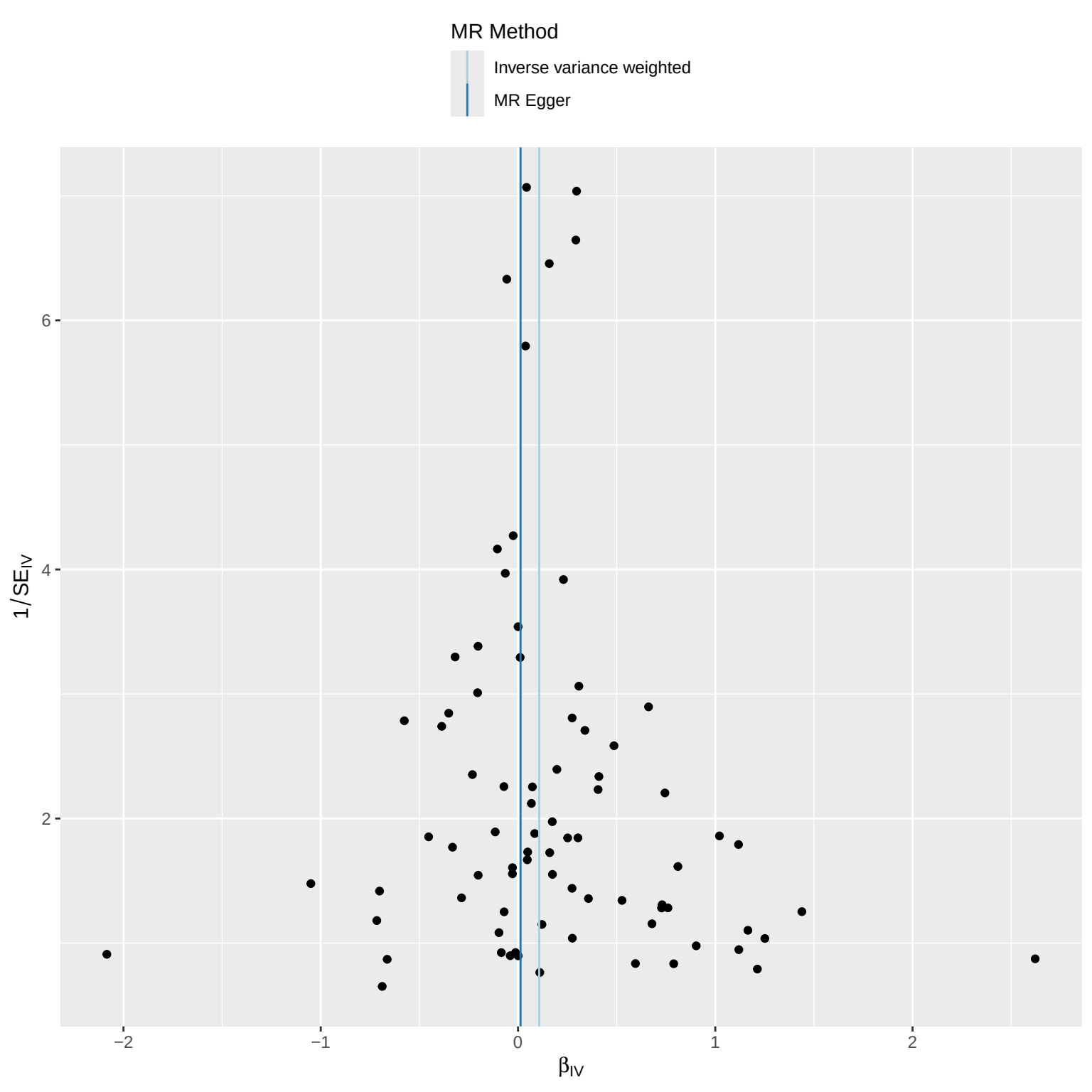

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1/SE_IV
−0.8
−0.4
0.0
β_IV

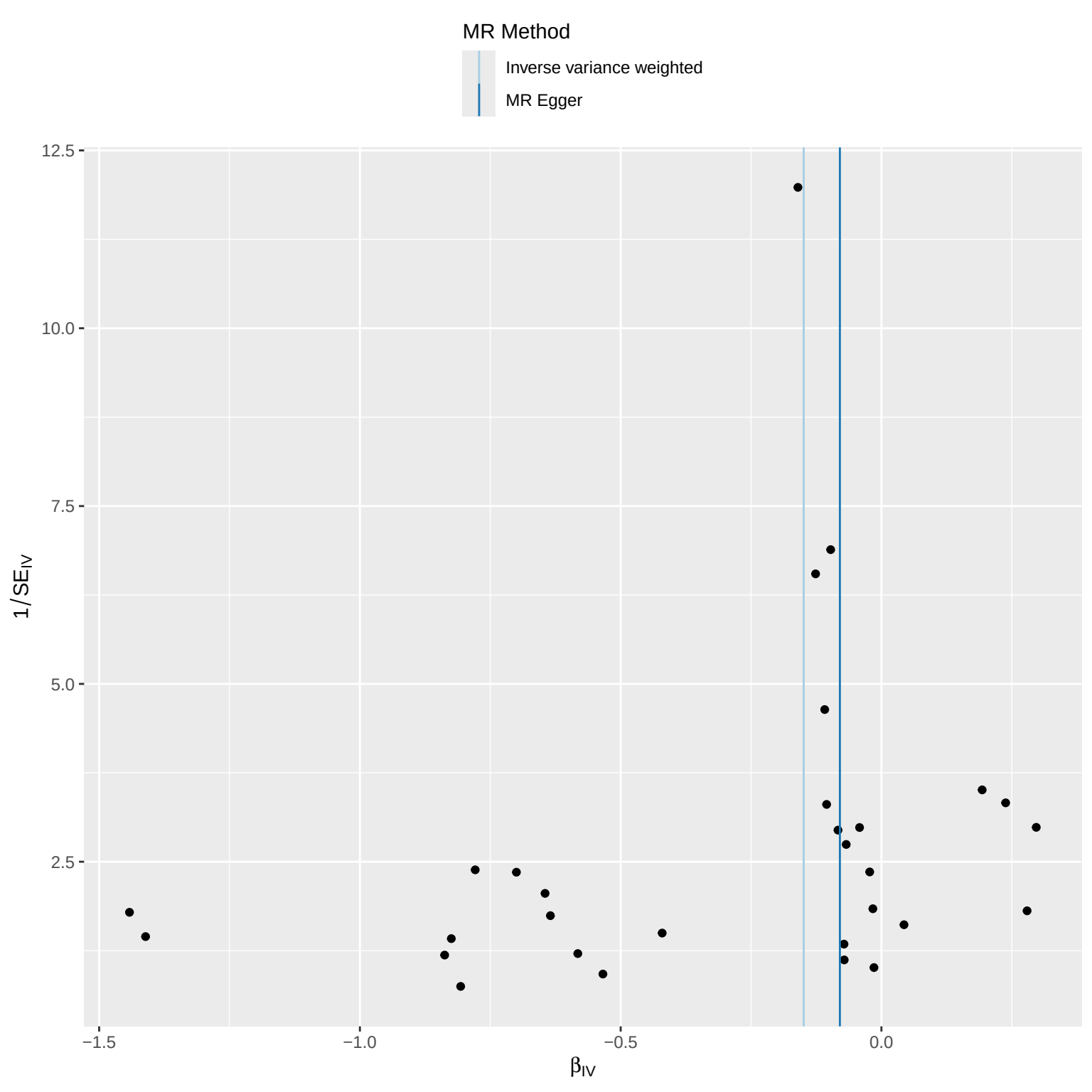

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.4
0.8
β_IV

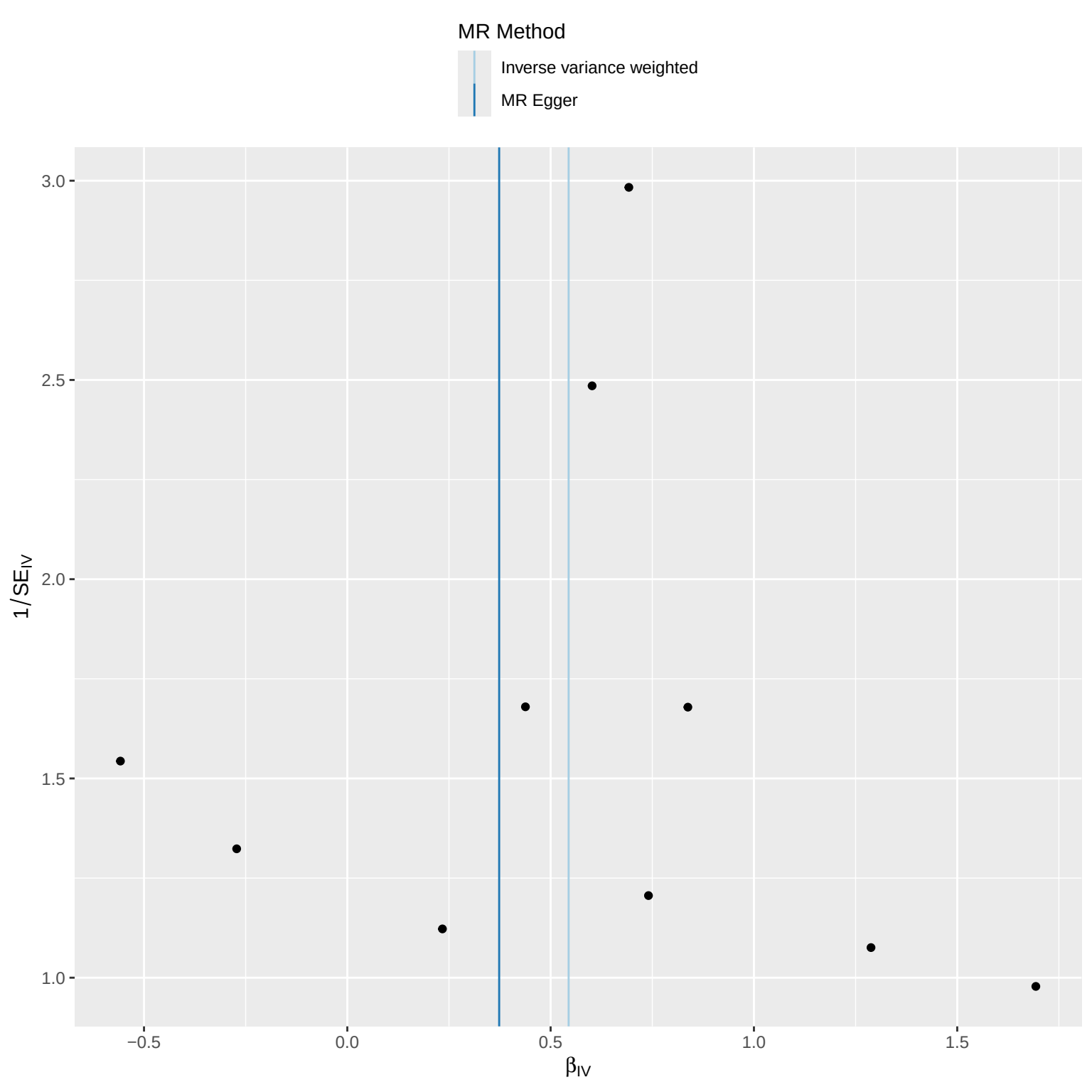

MR Method
Inverse variance weighted
MR Egger
2.25
2.00
1.75
1.50
1.25
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

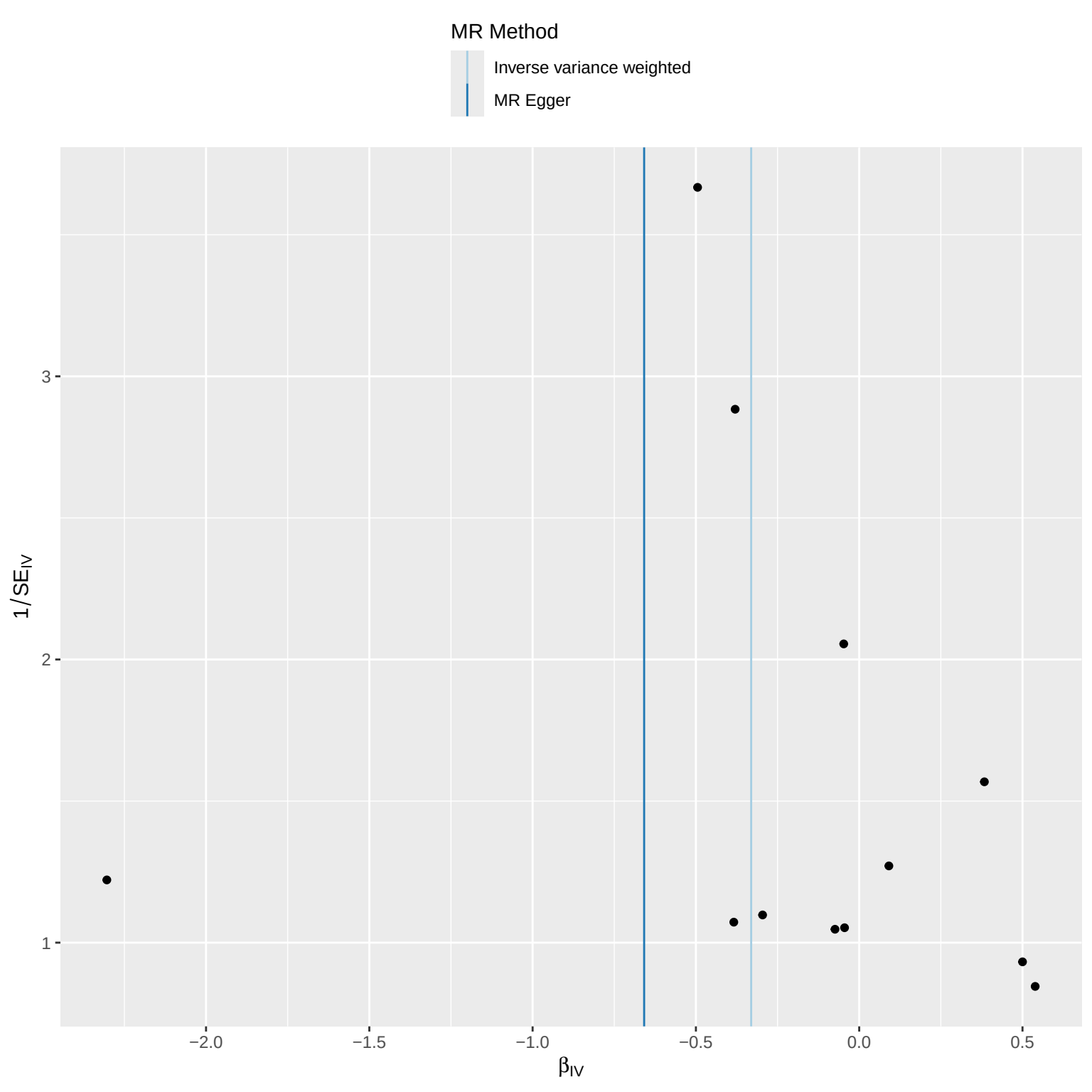

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

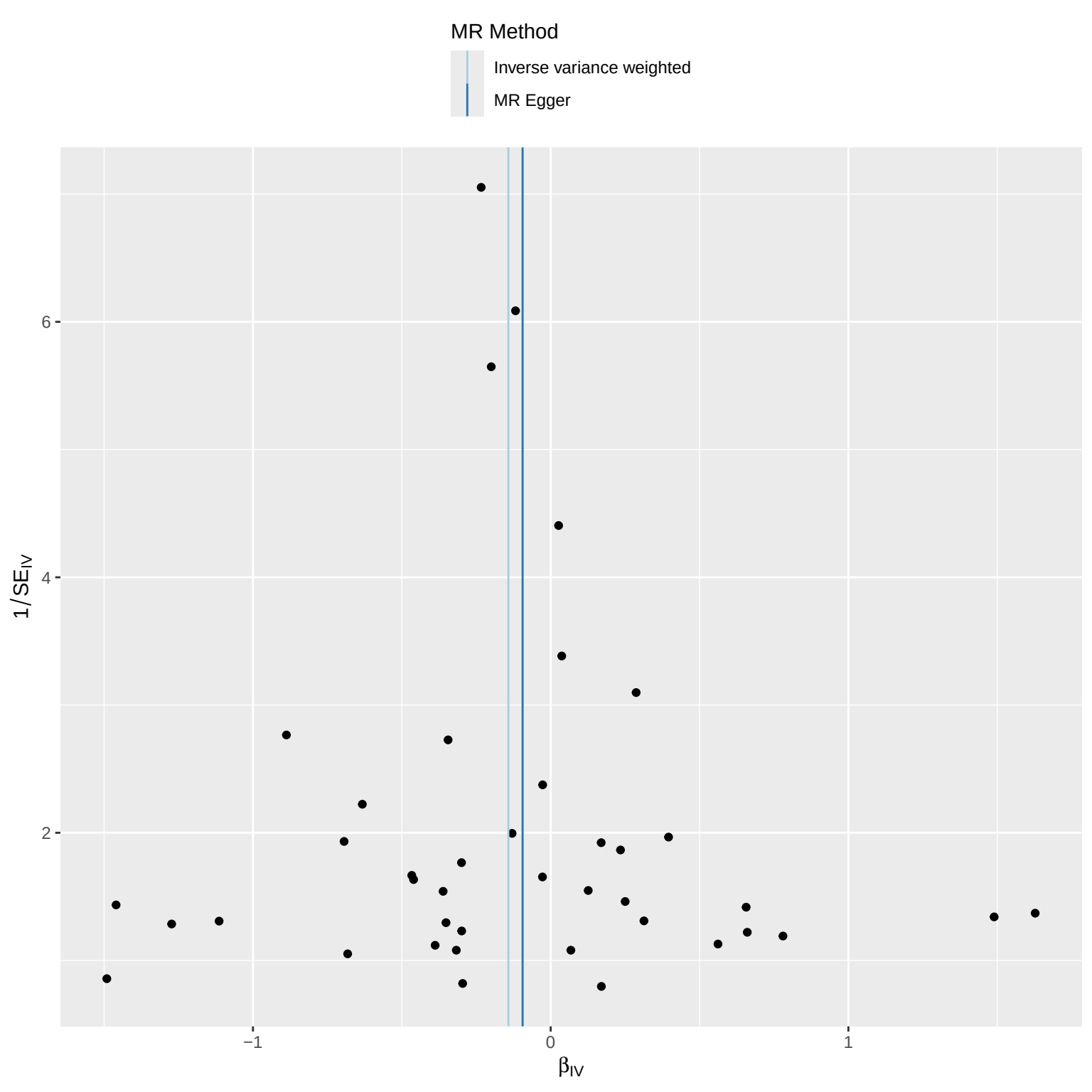

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

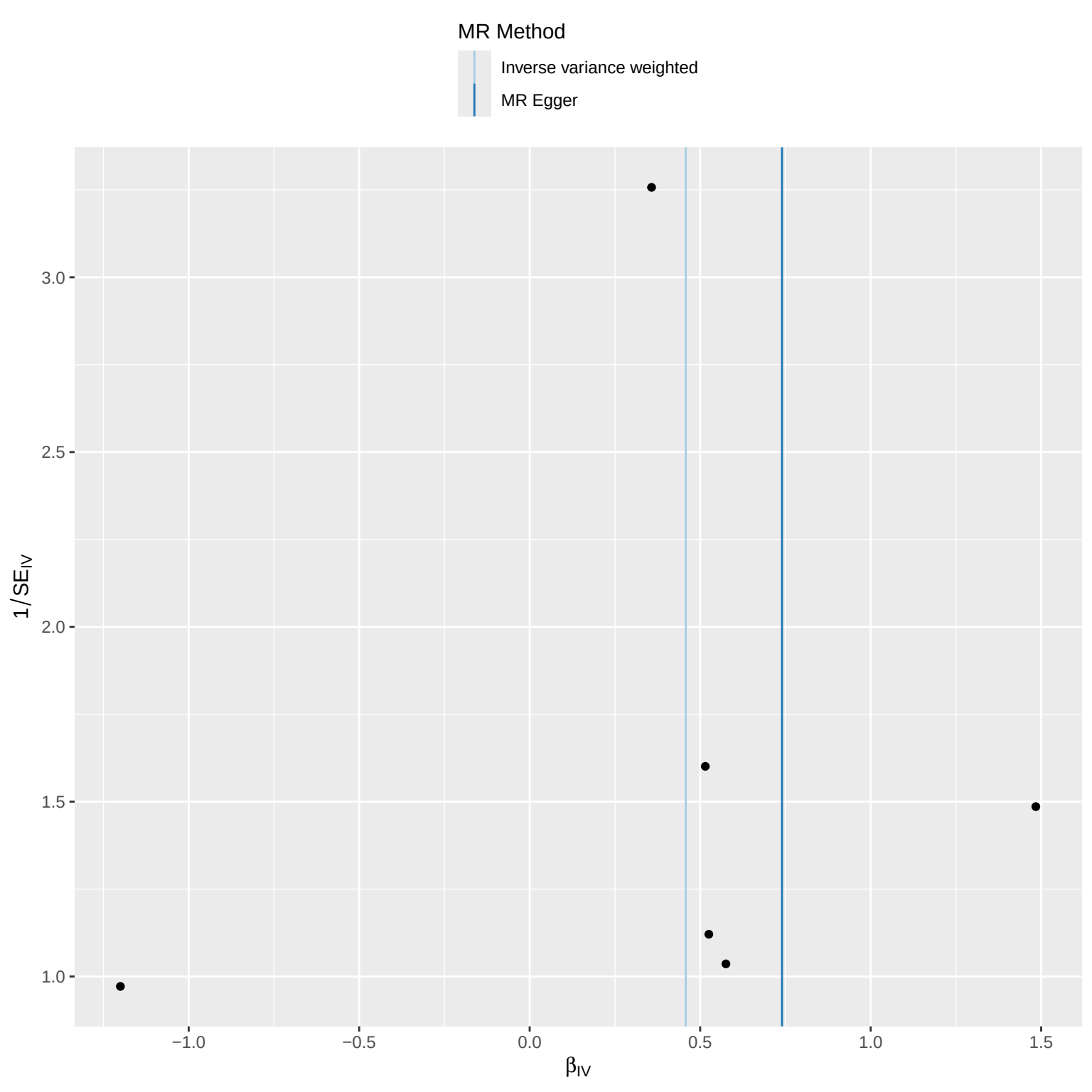

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

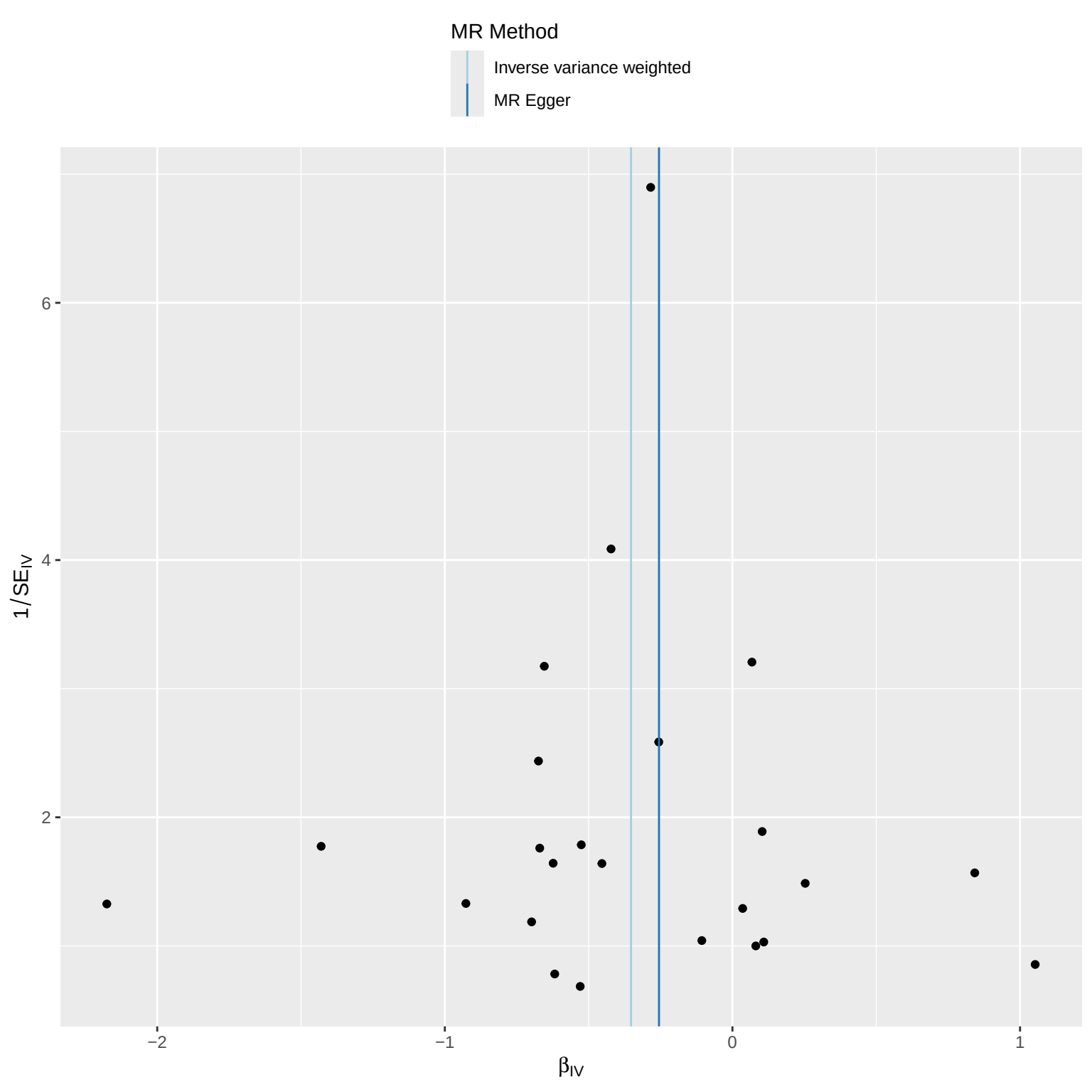

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

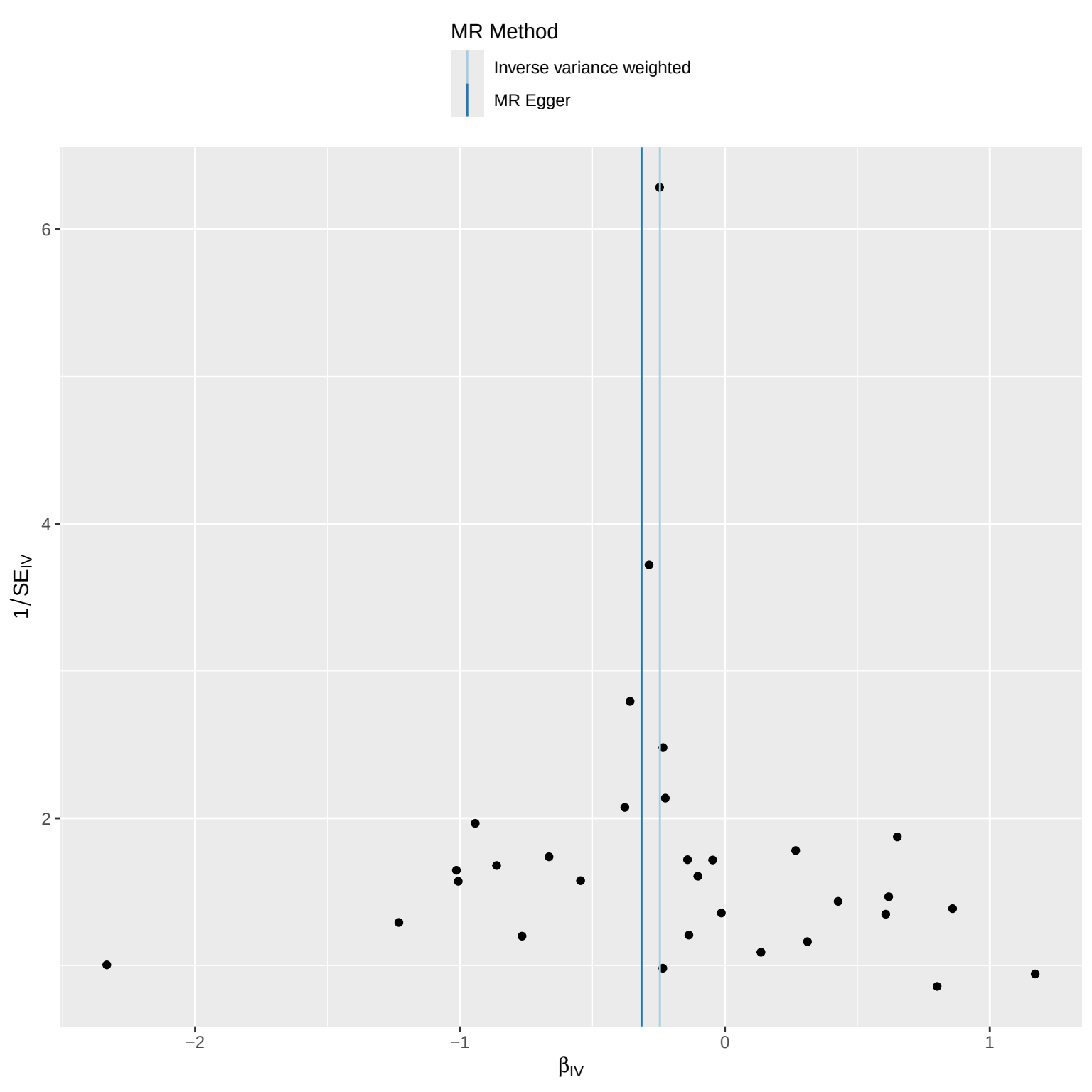

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

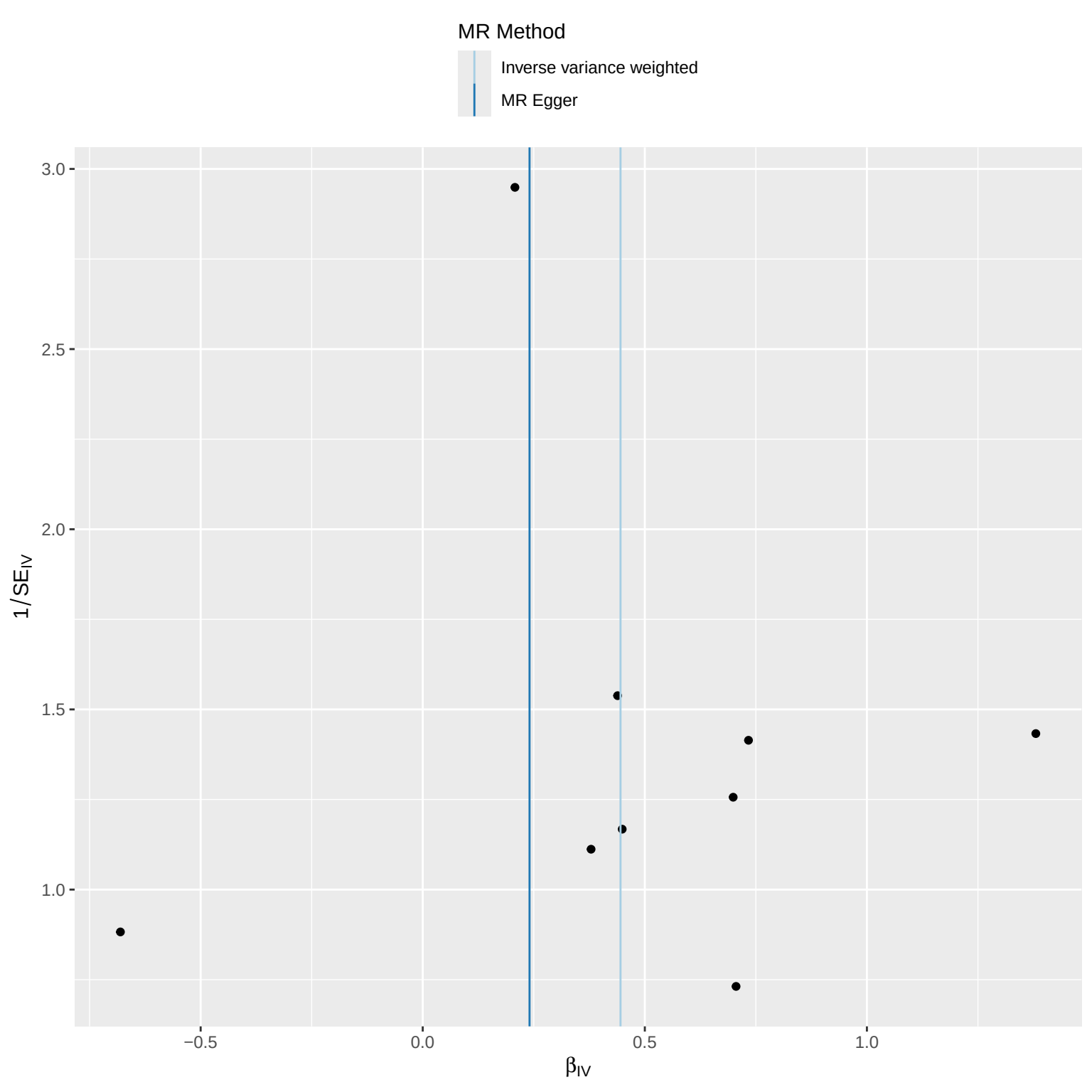

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

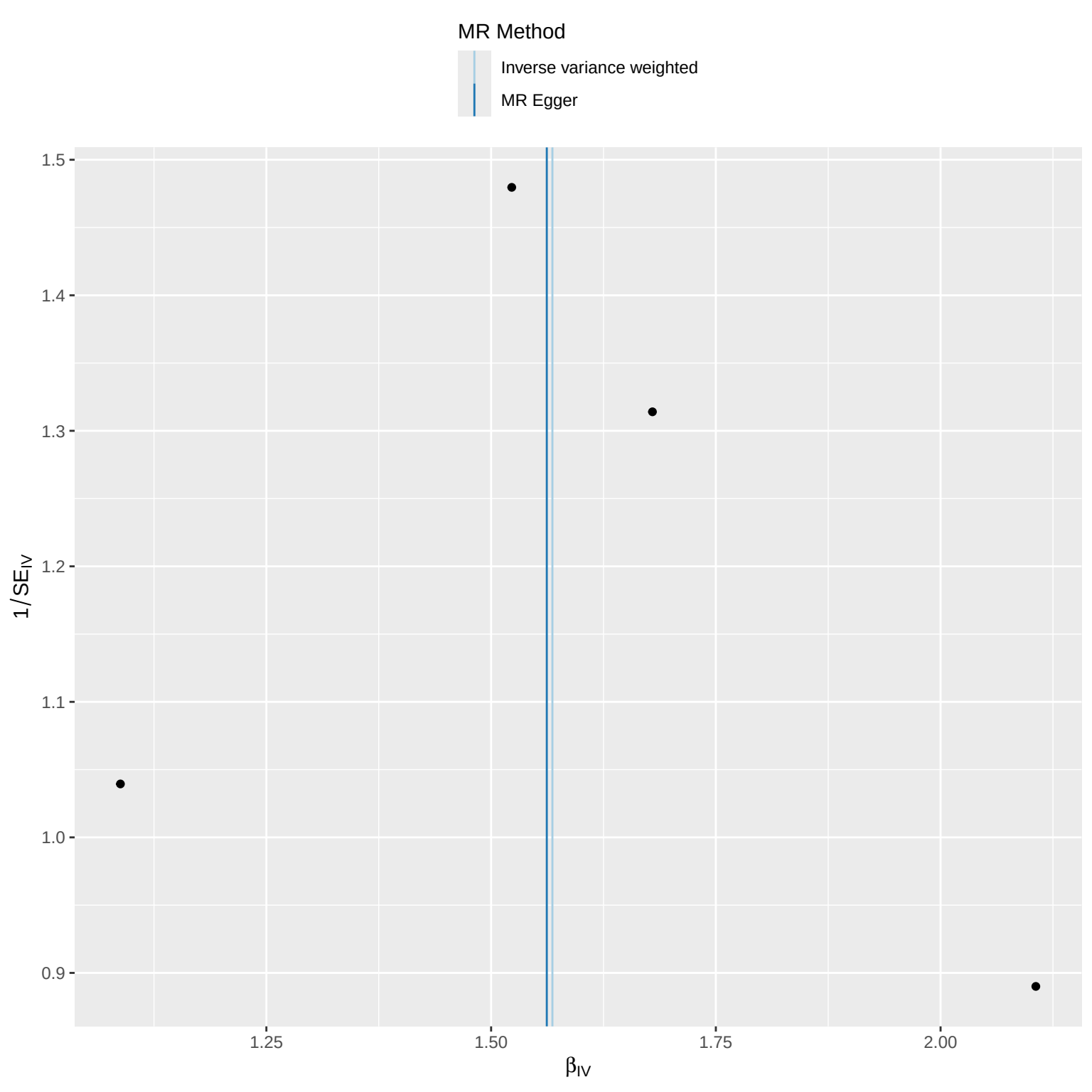

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

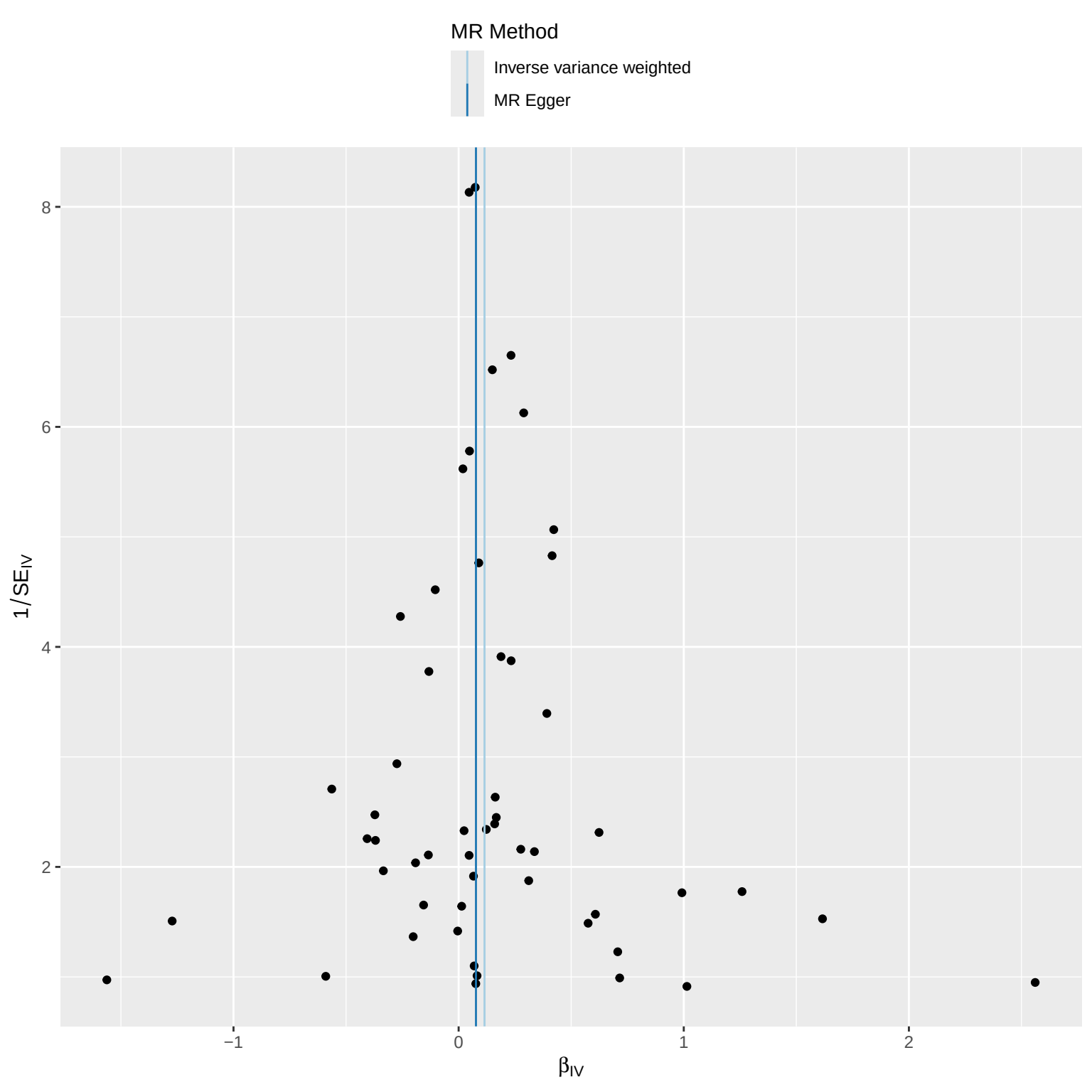

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

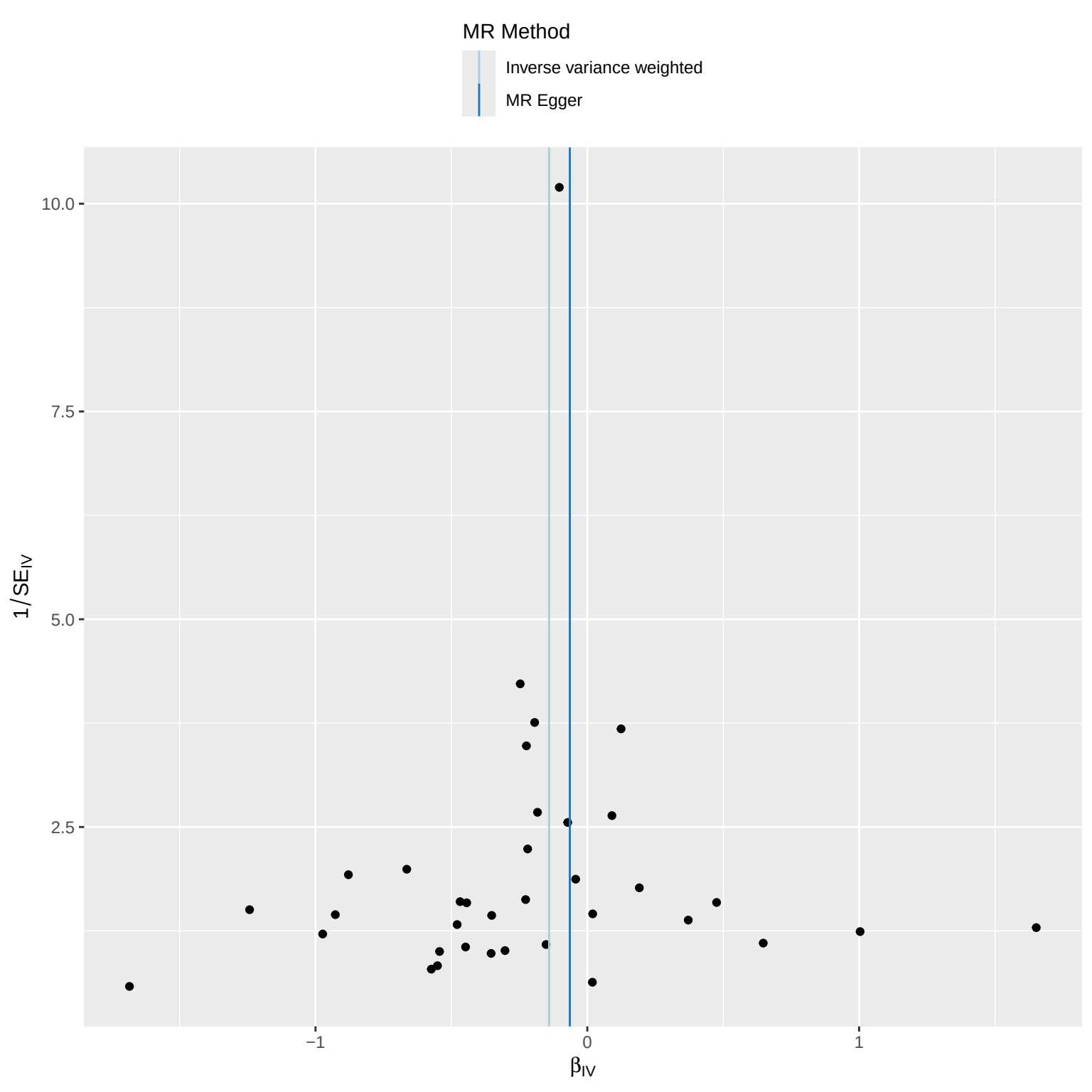

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

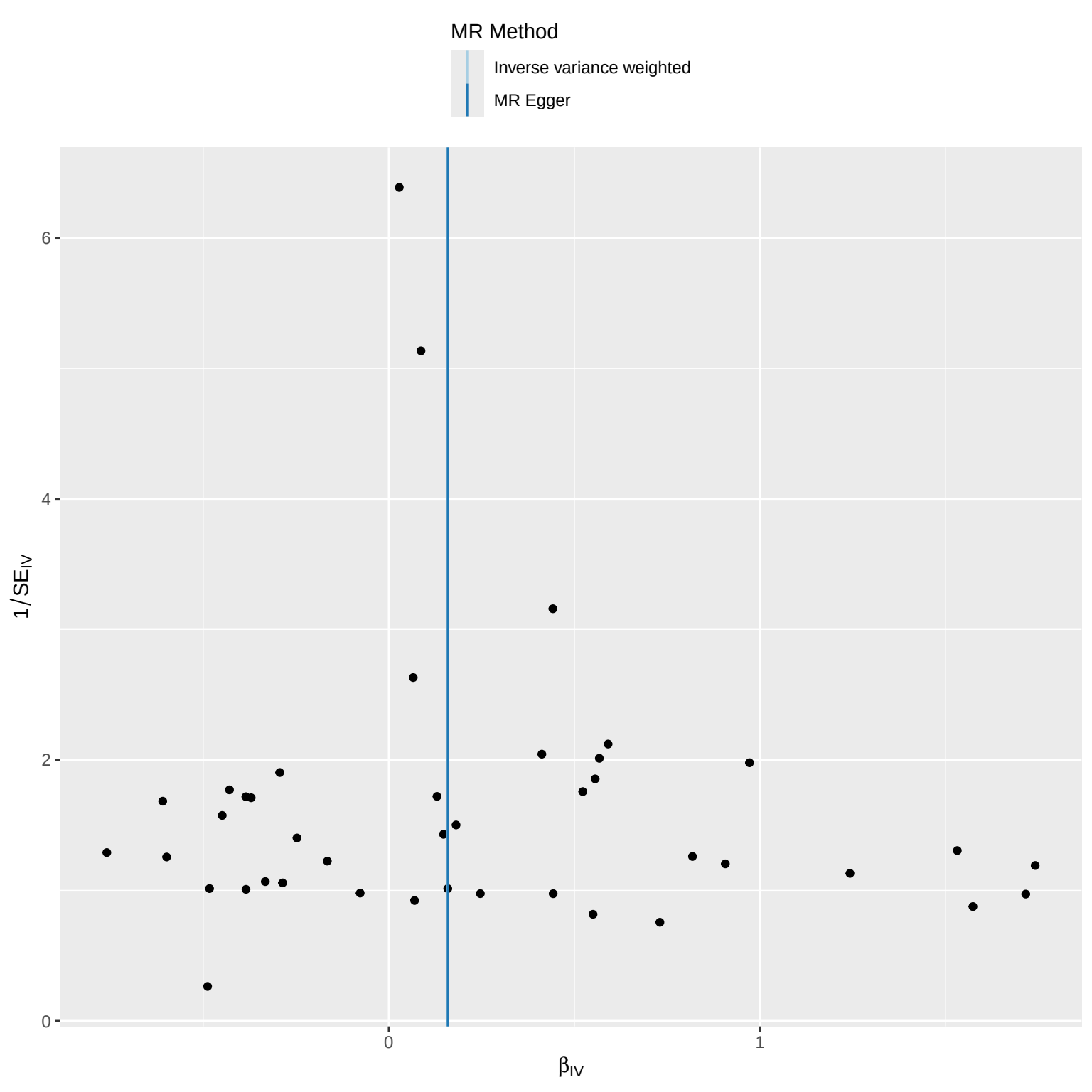

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

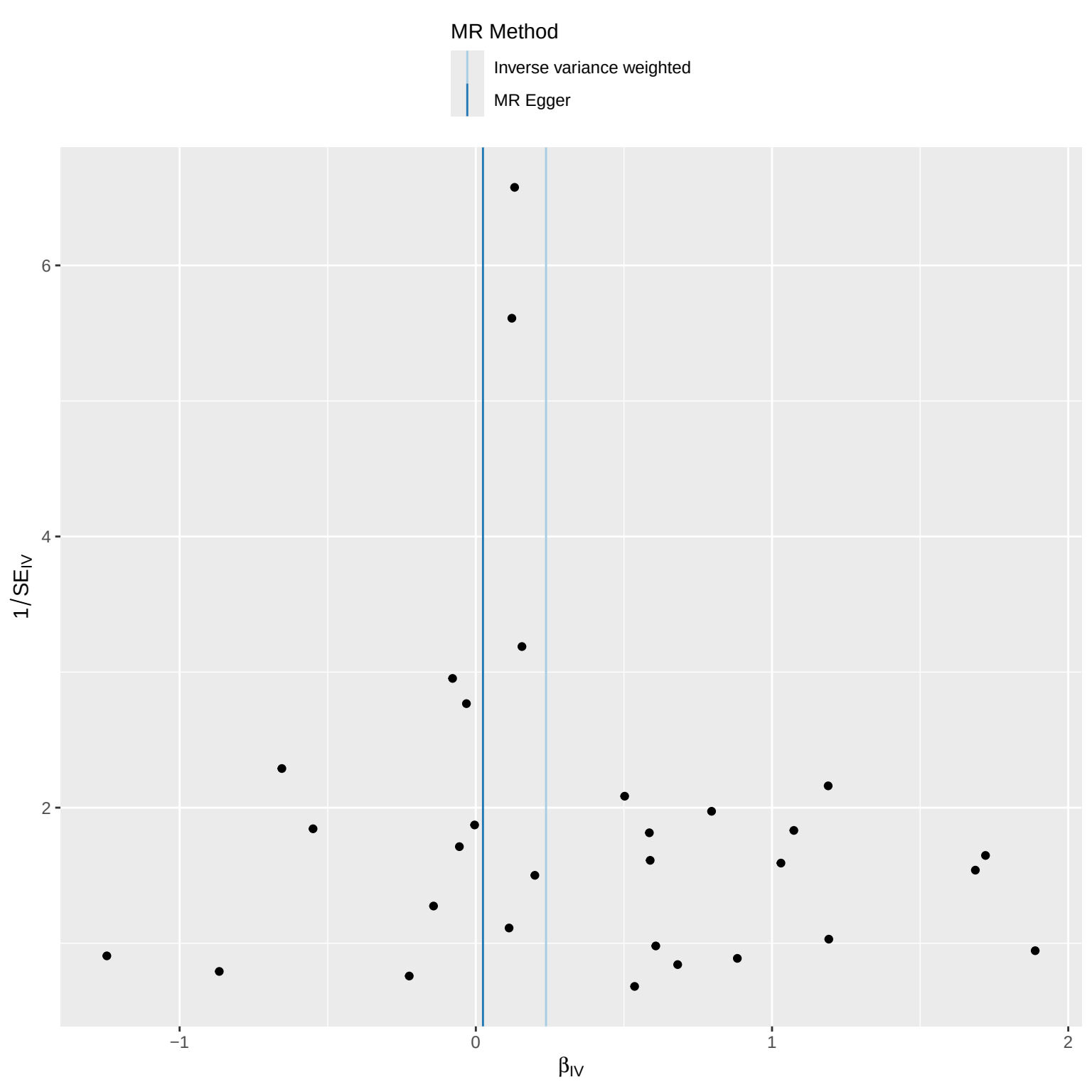

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

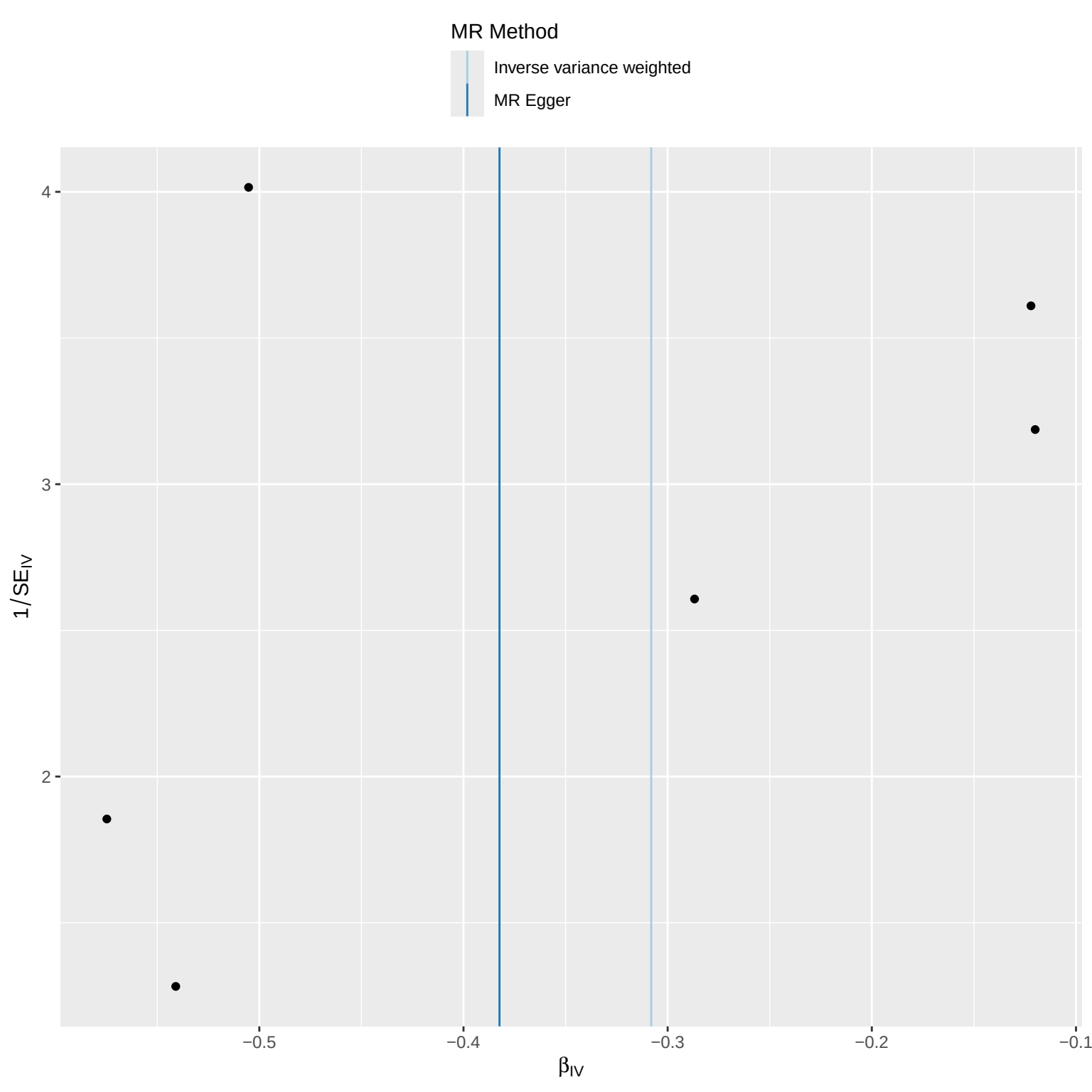

MR Method
Inverse variance weighted
MR Egger
1.5
1.4
1.3
1.2
1.1
1.0
0.9
1/SE_IV
1.25
1.50
1.75
2.00
β_IV

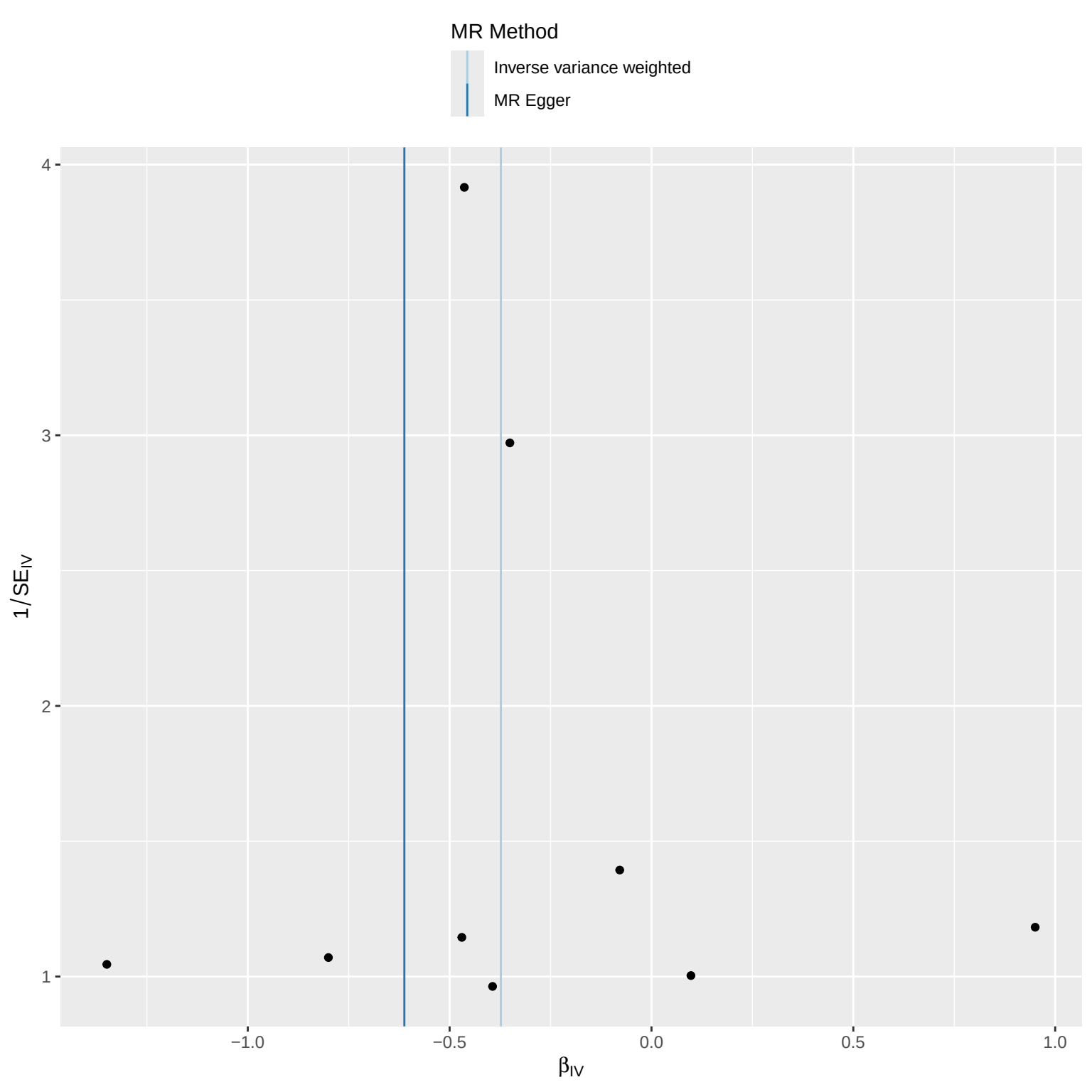

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

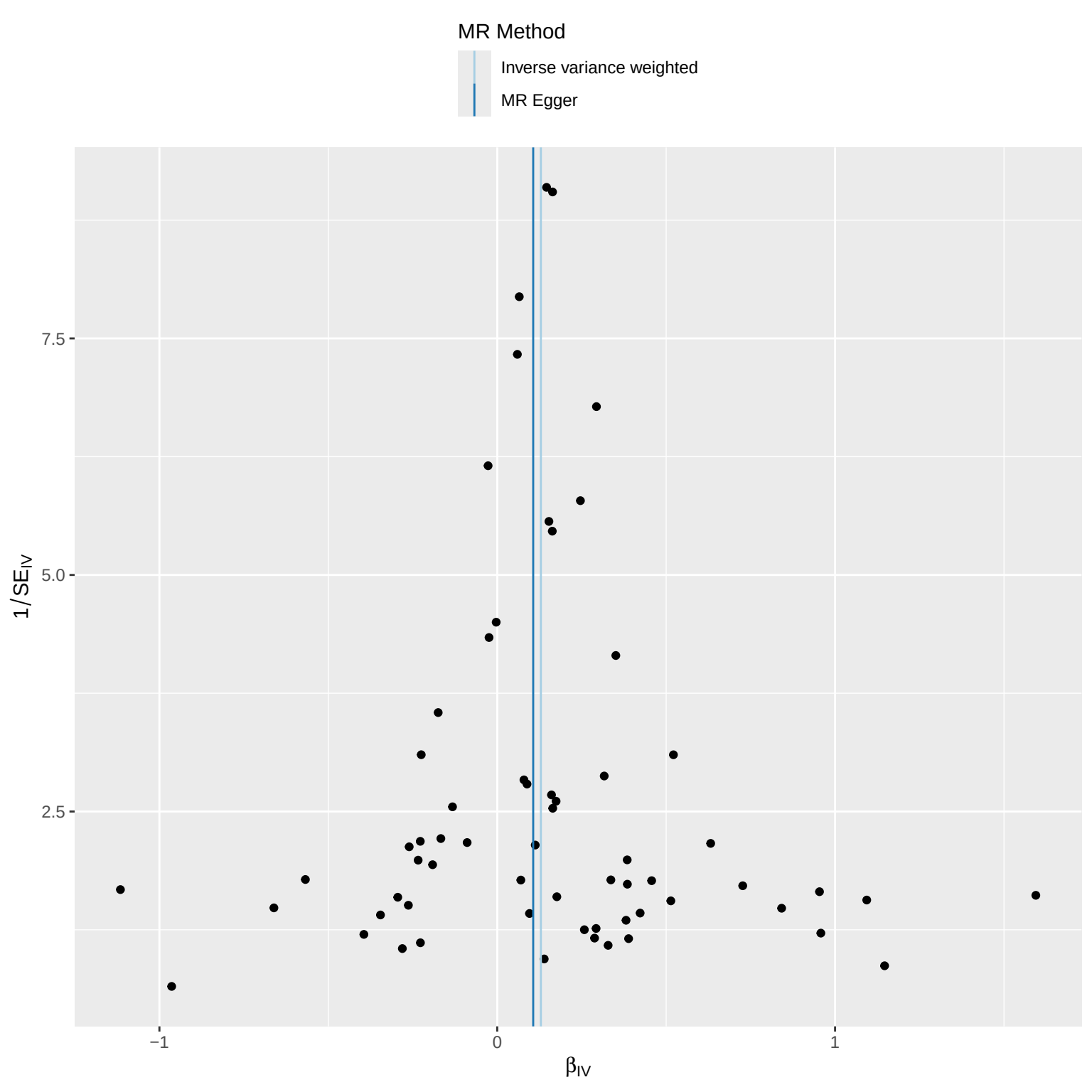

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

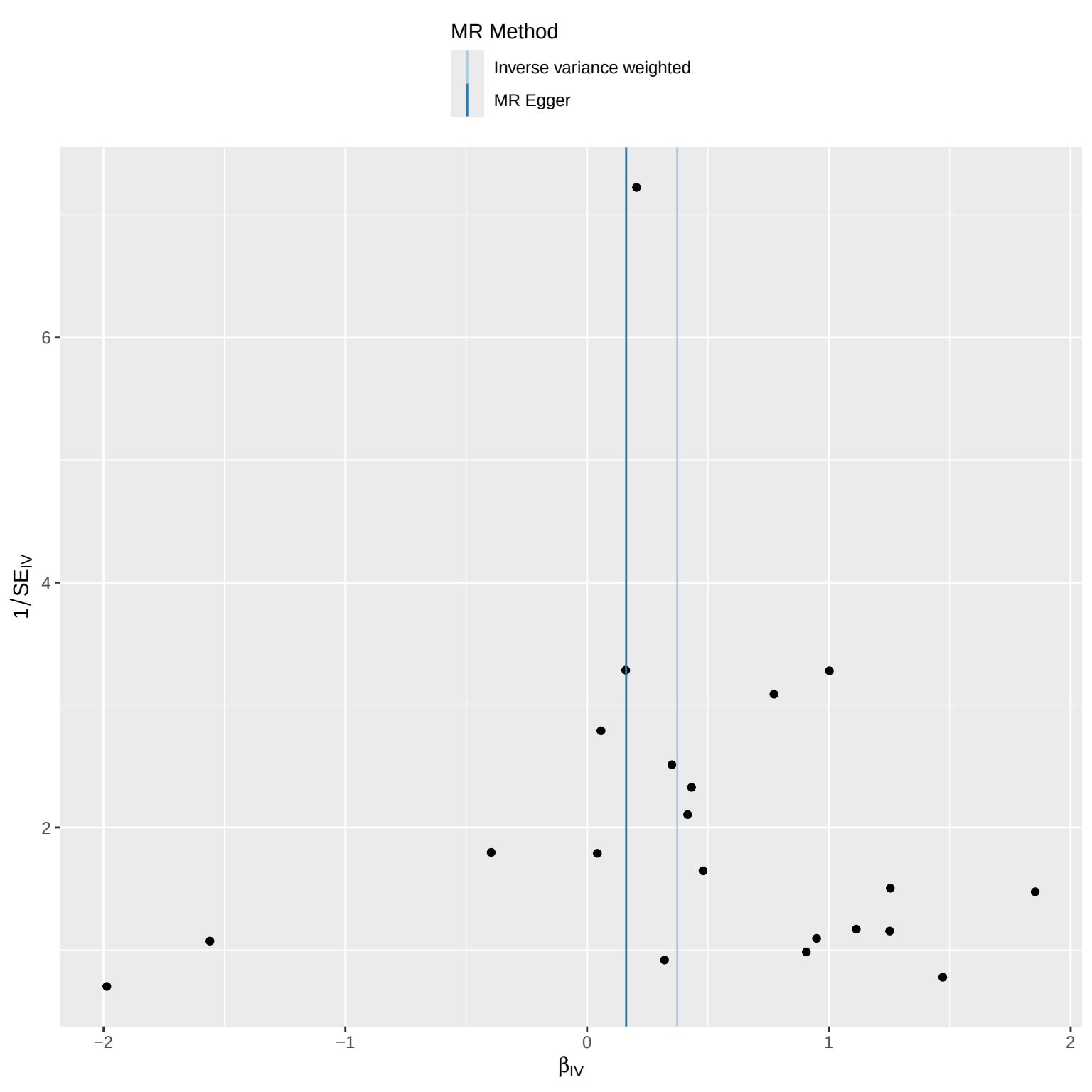

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
0
1
β_IV

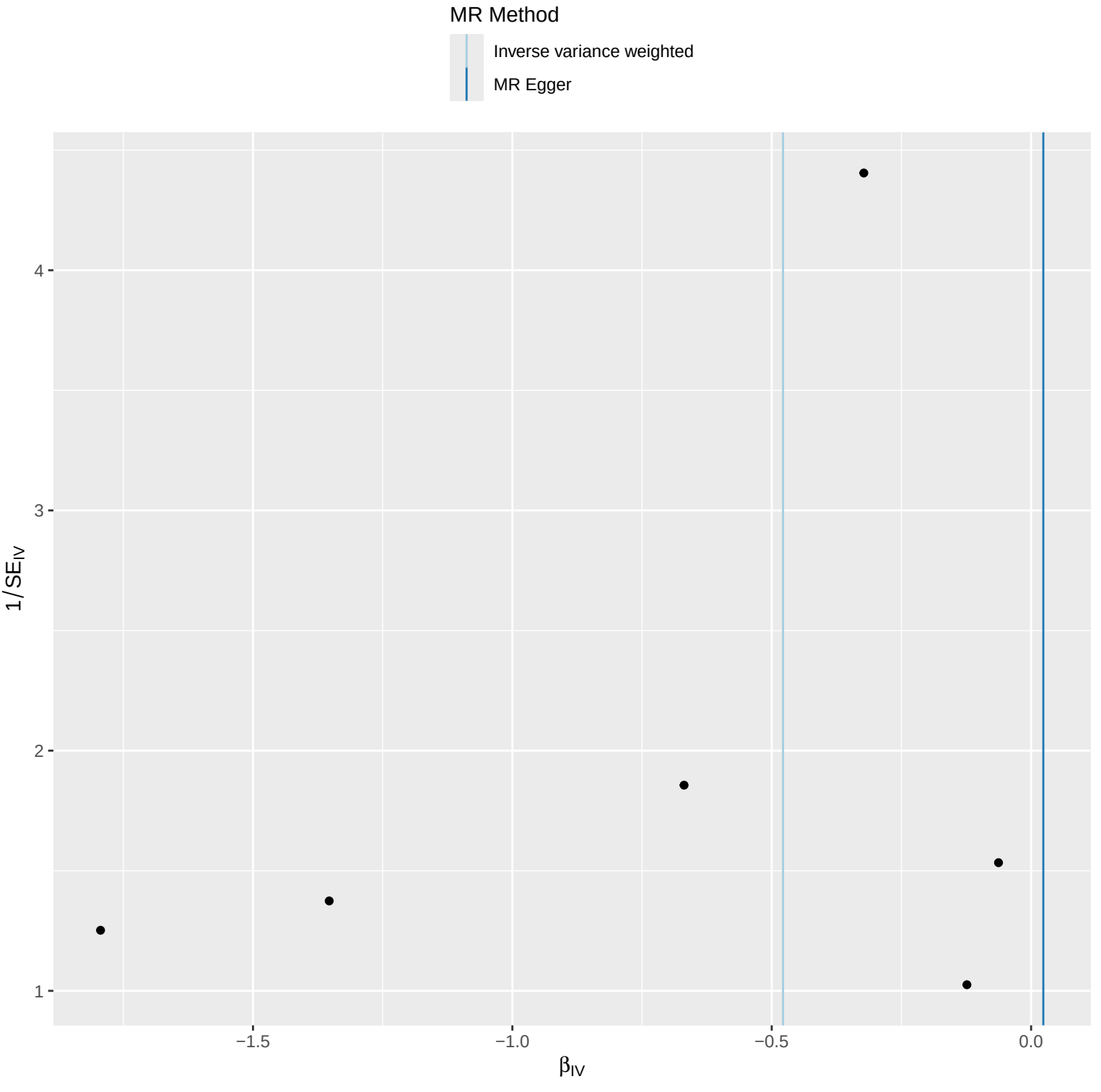

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

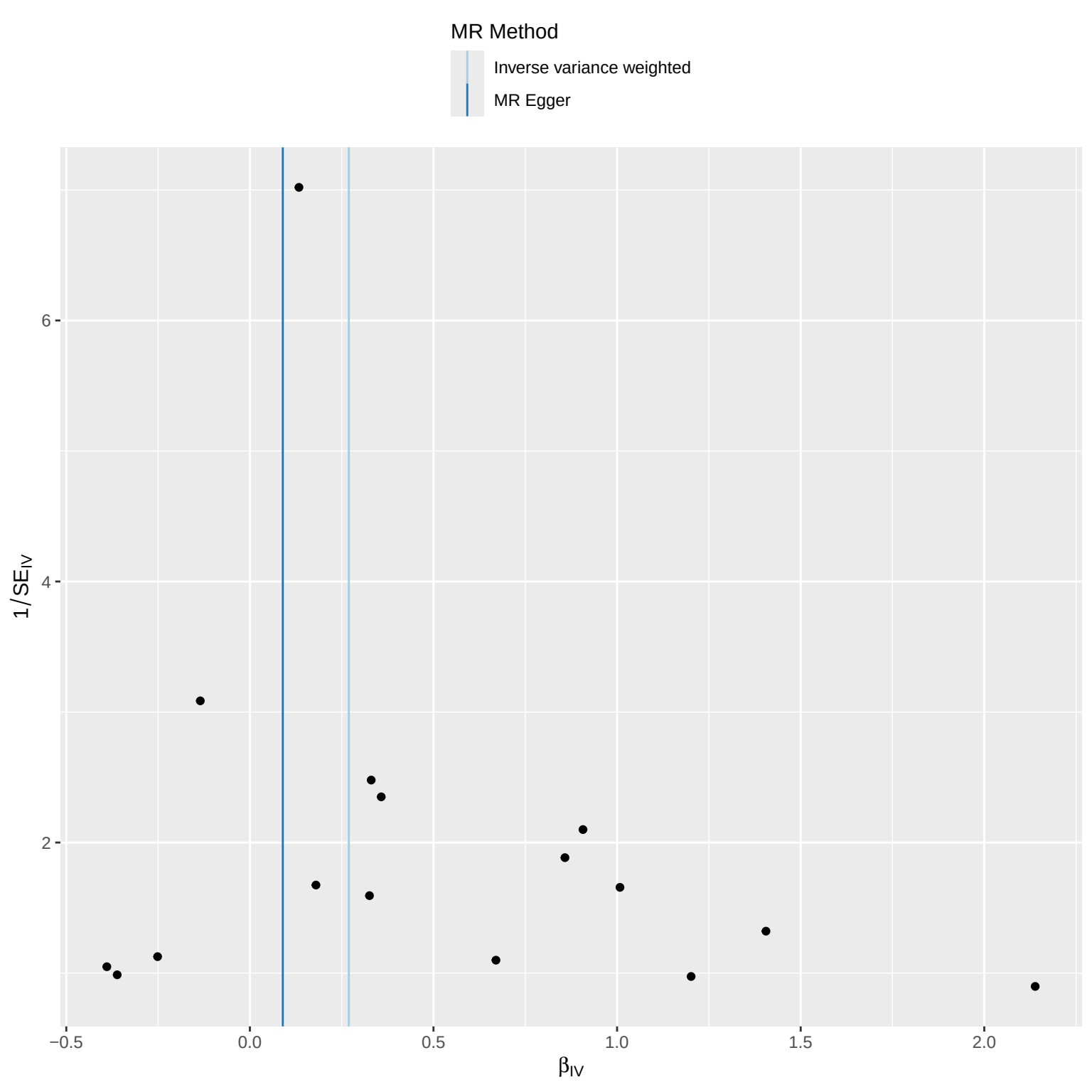

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.5
−0.4
−0.3
−0.2
−0.1
β_IV

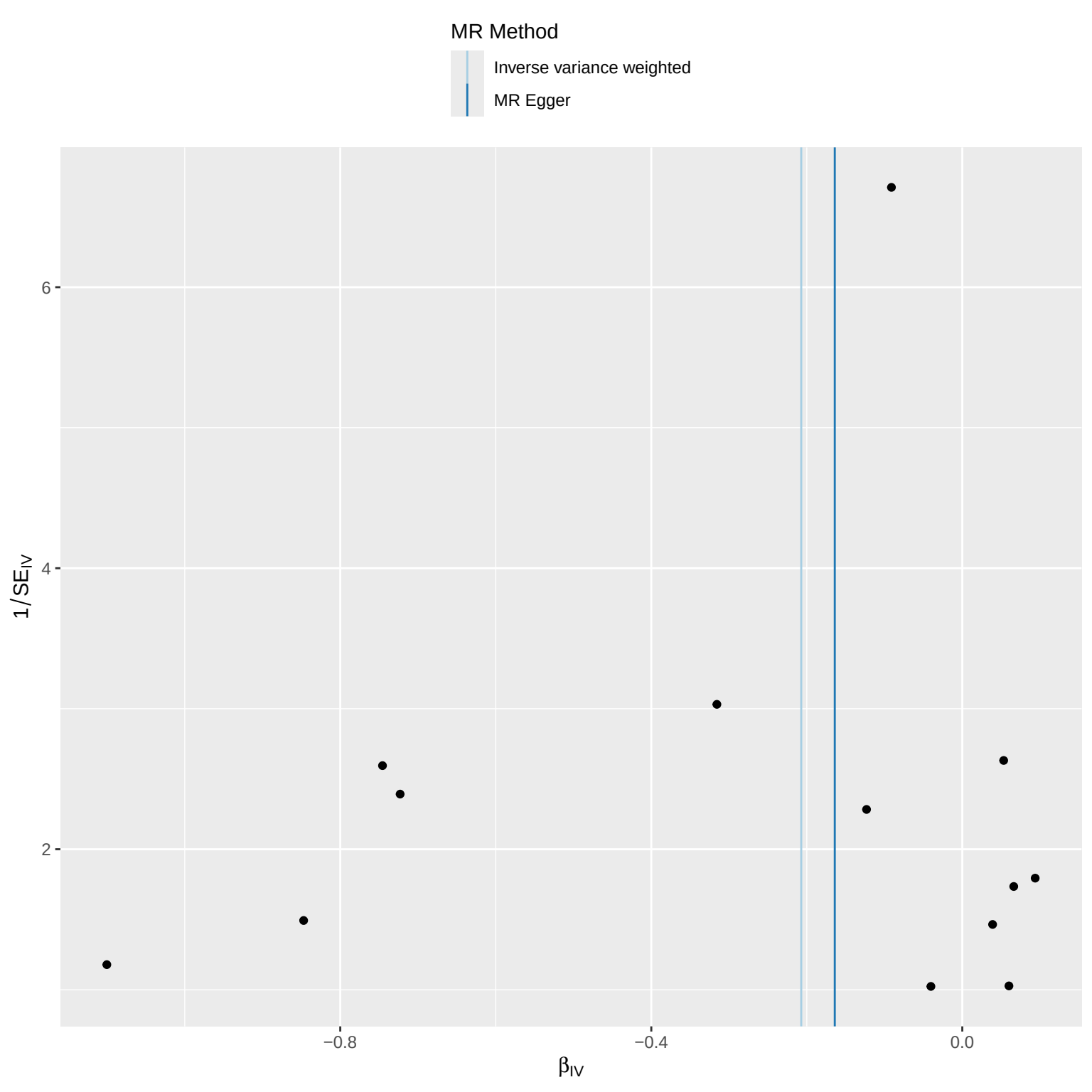

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

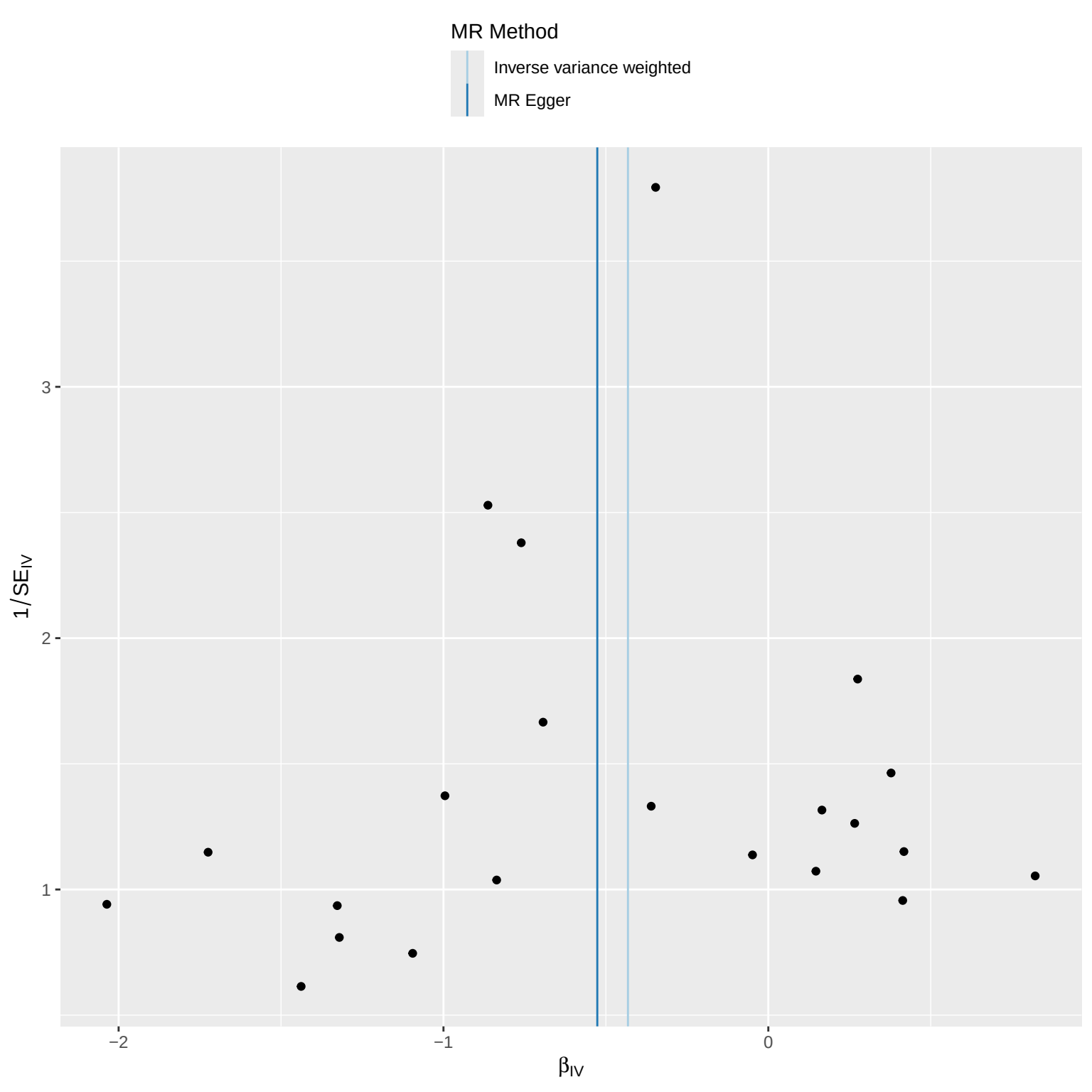

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

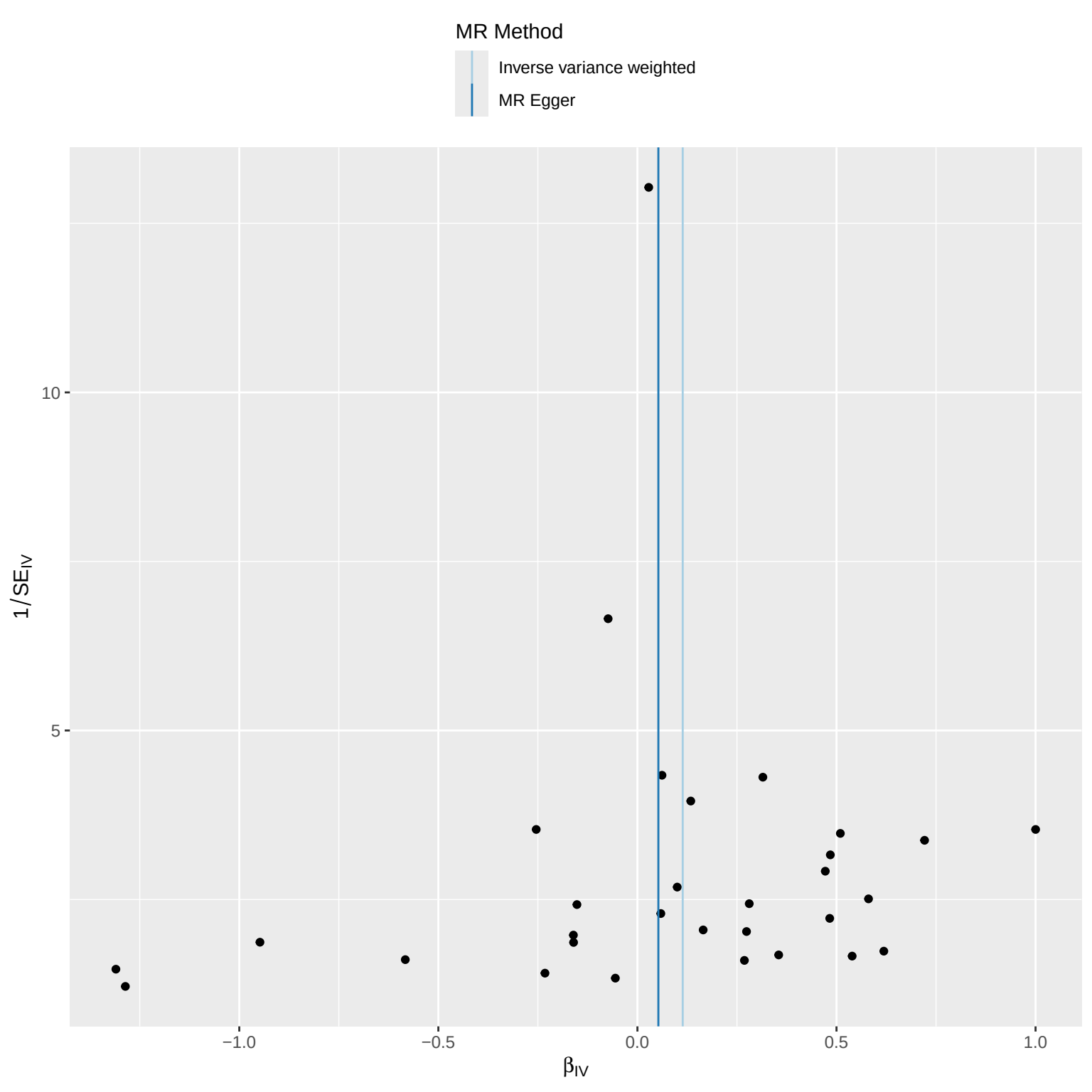

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

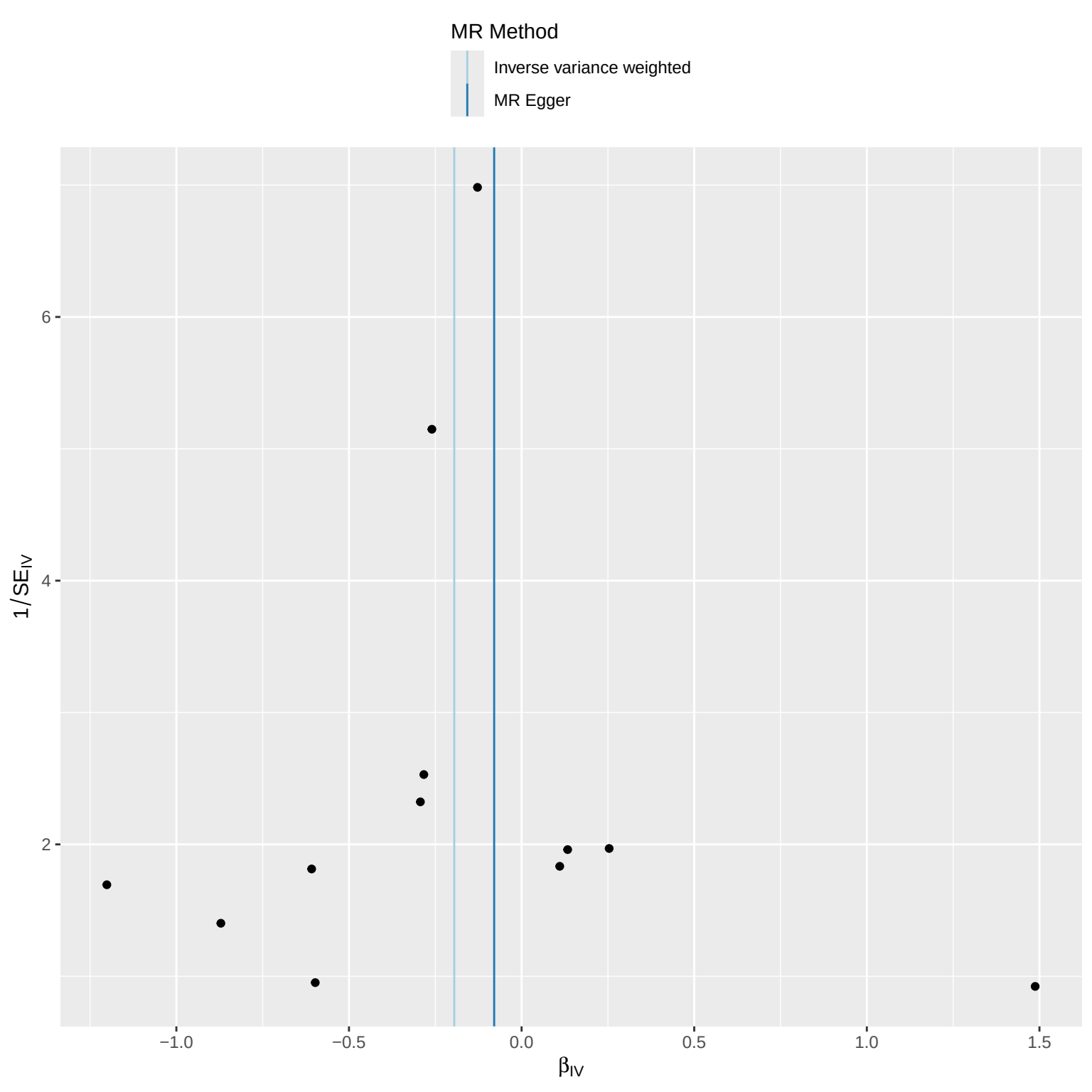

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

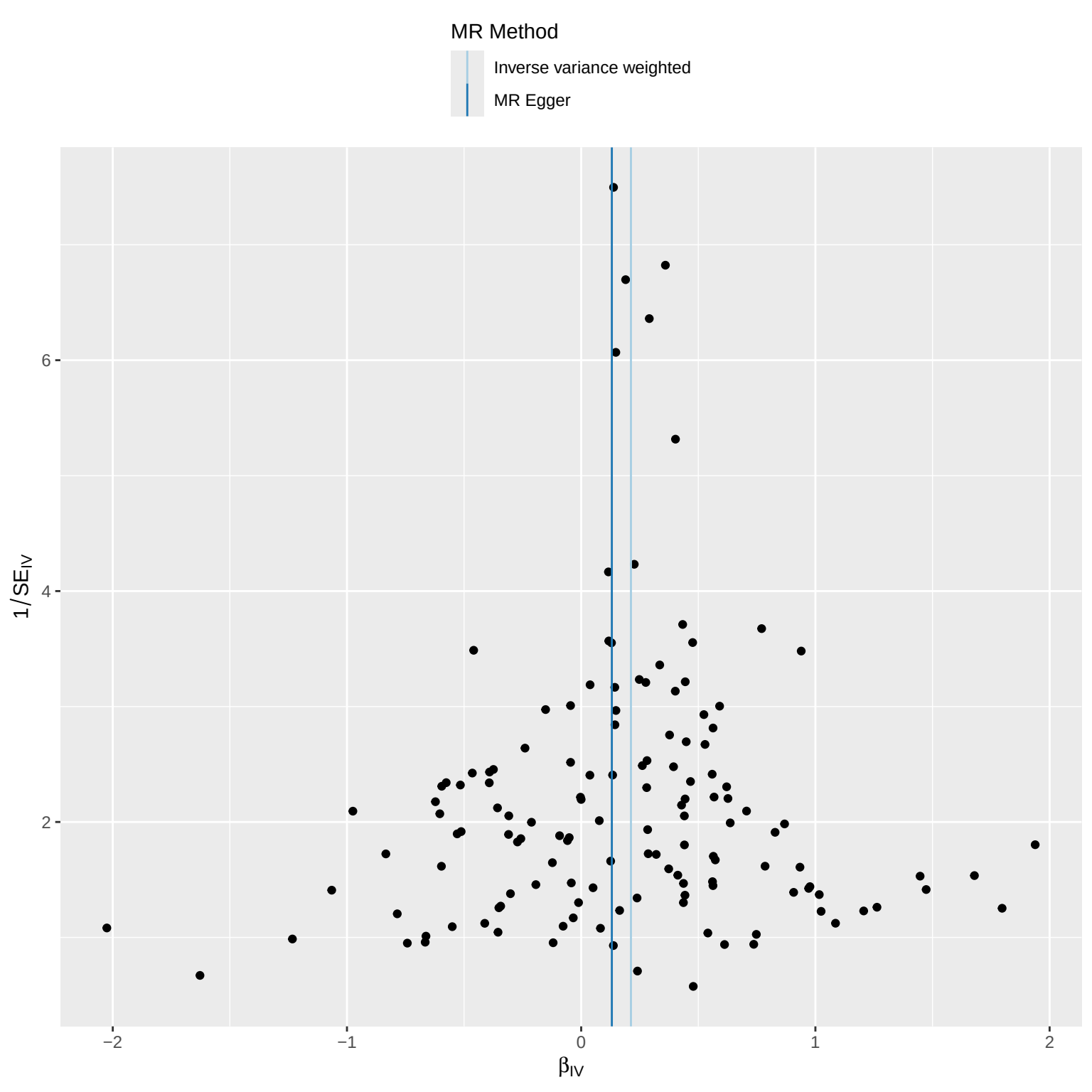

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

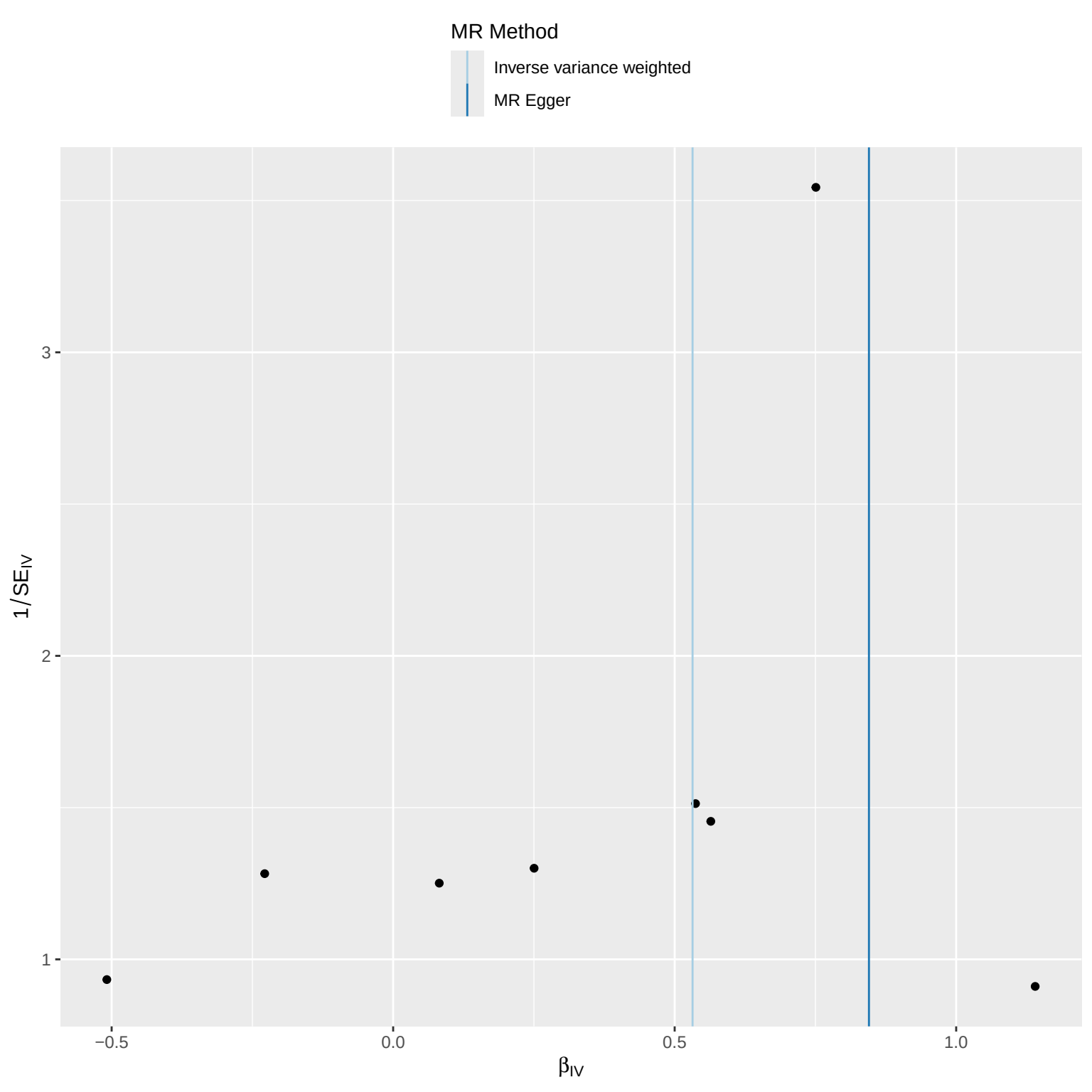

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.8
−0.4
0.0
β_IV

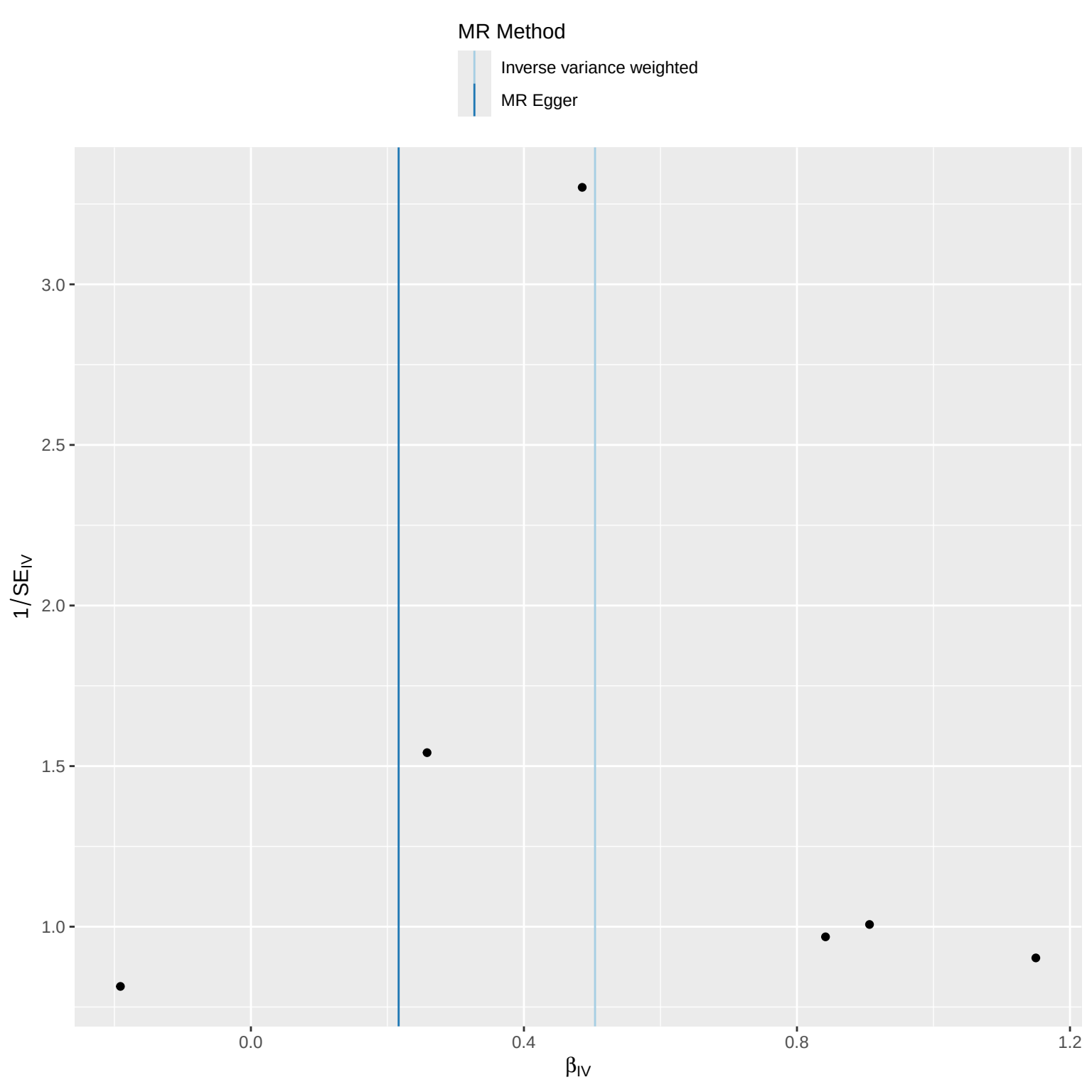

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

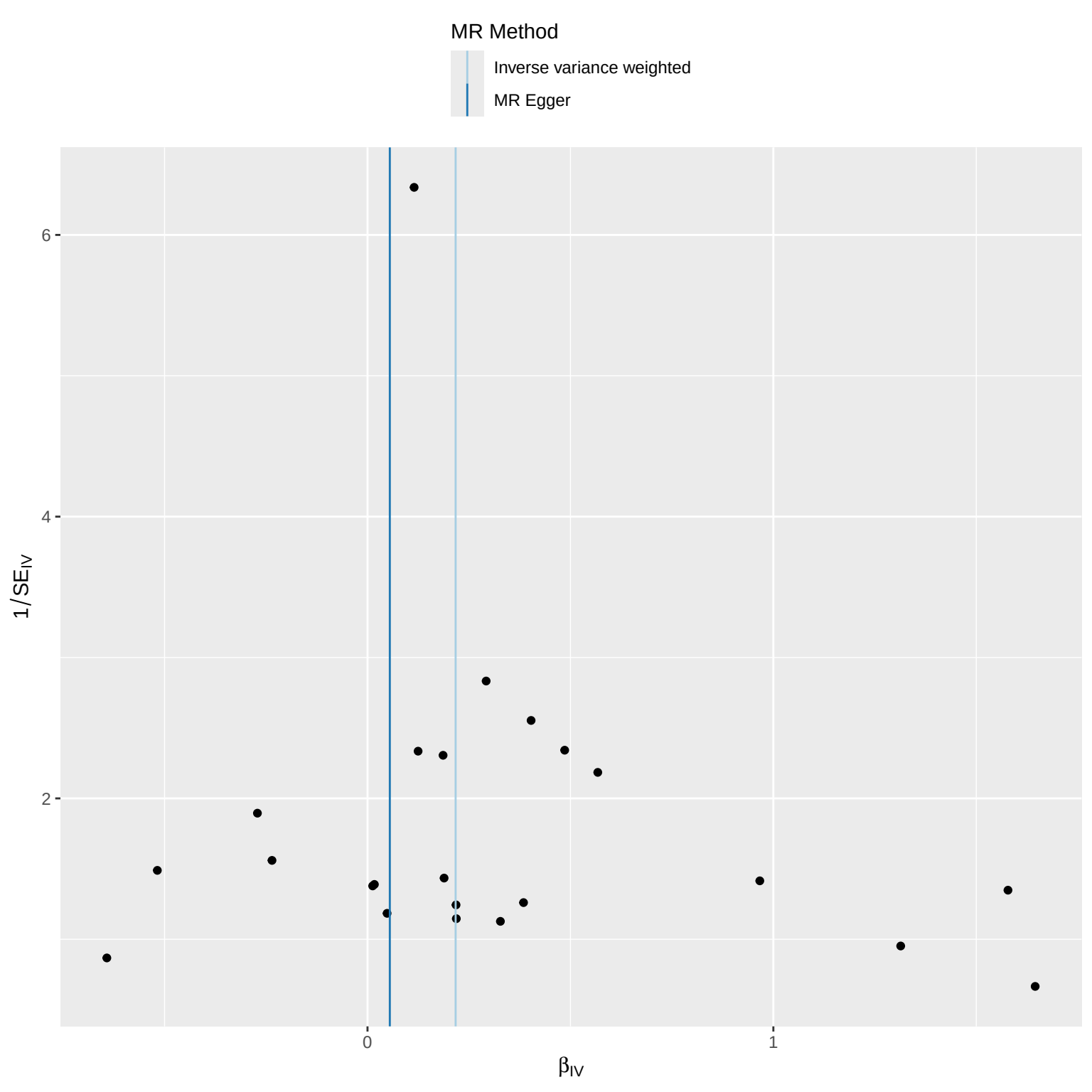

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

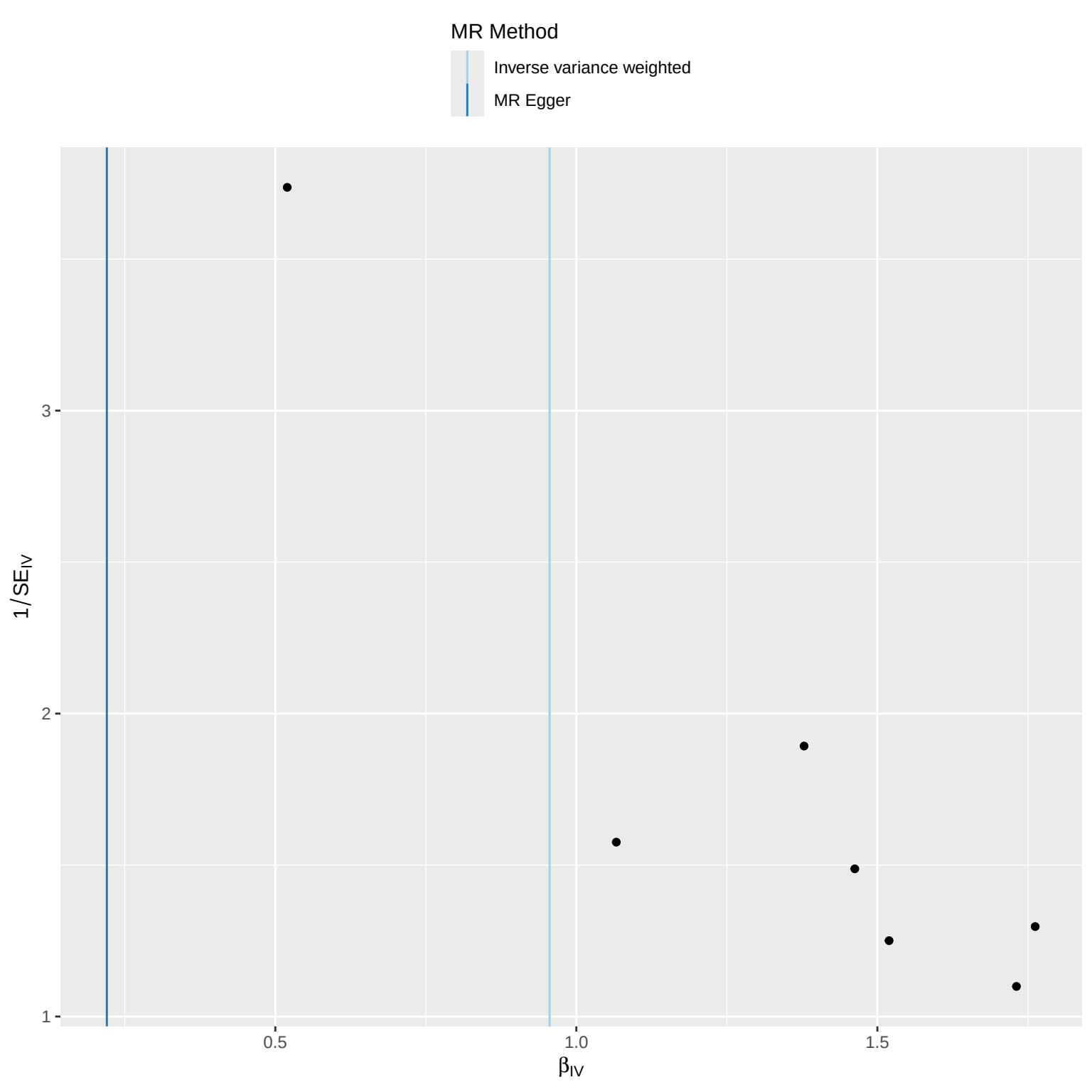

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

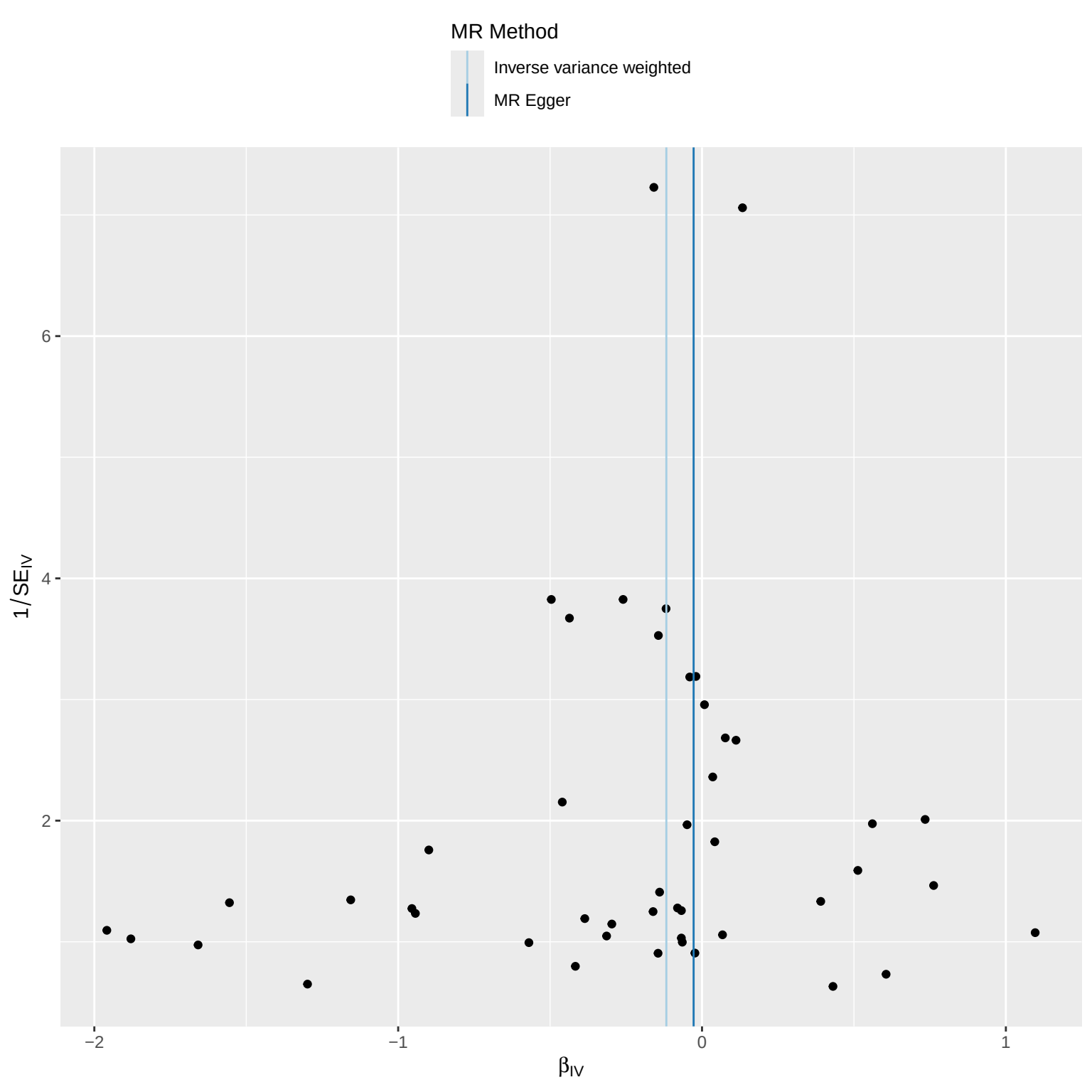

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

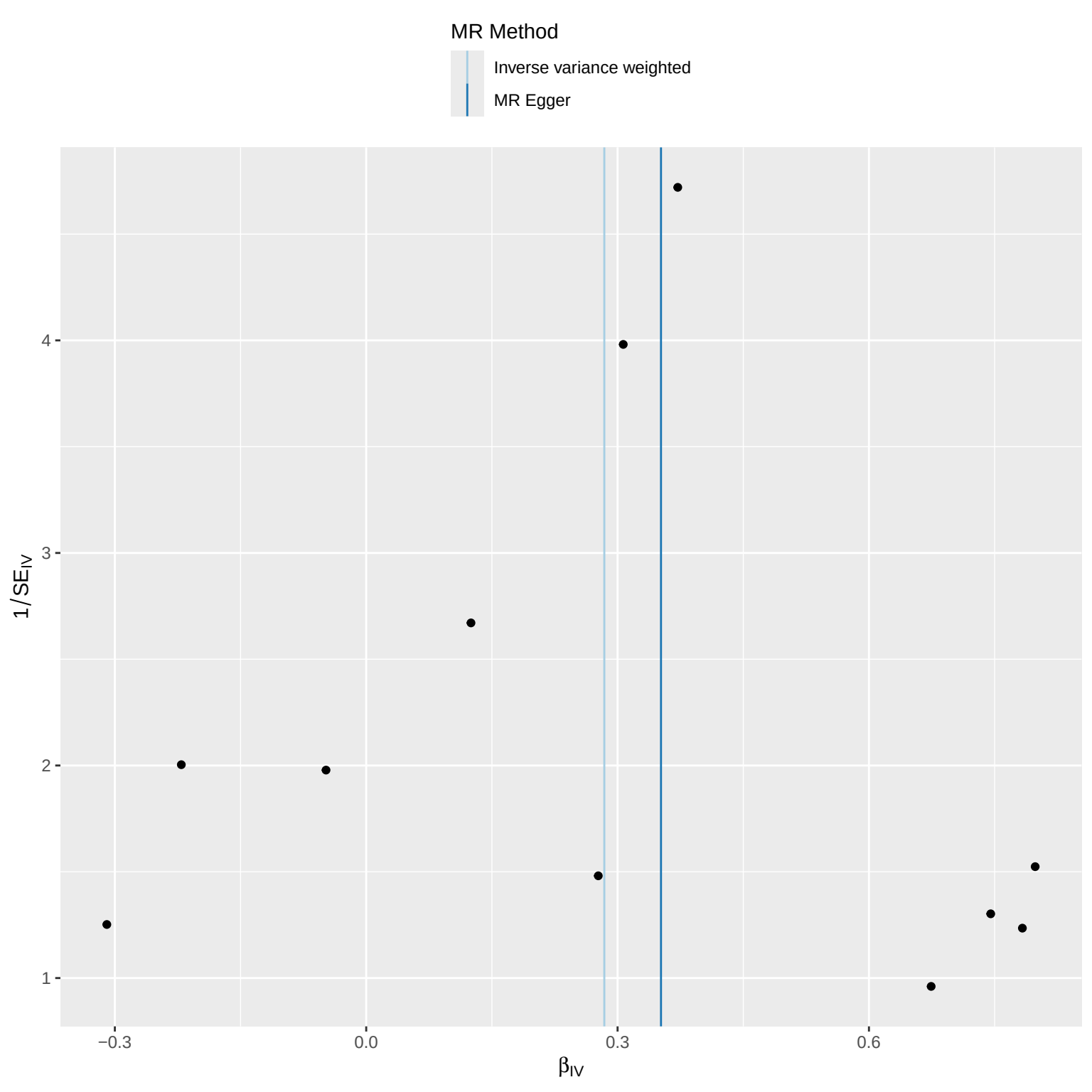

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

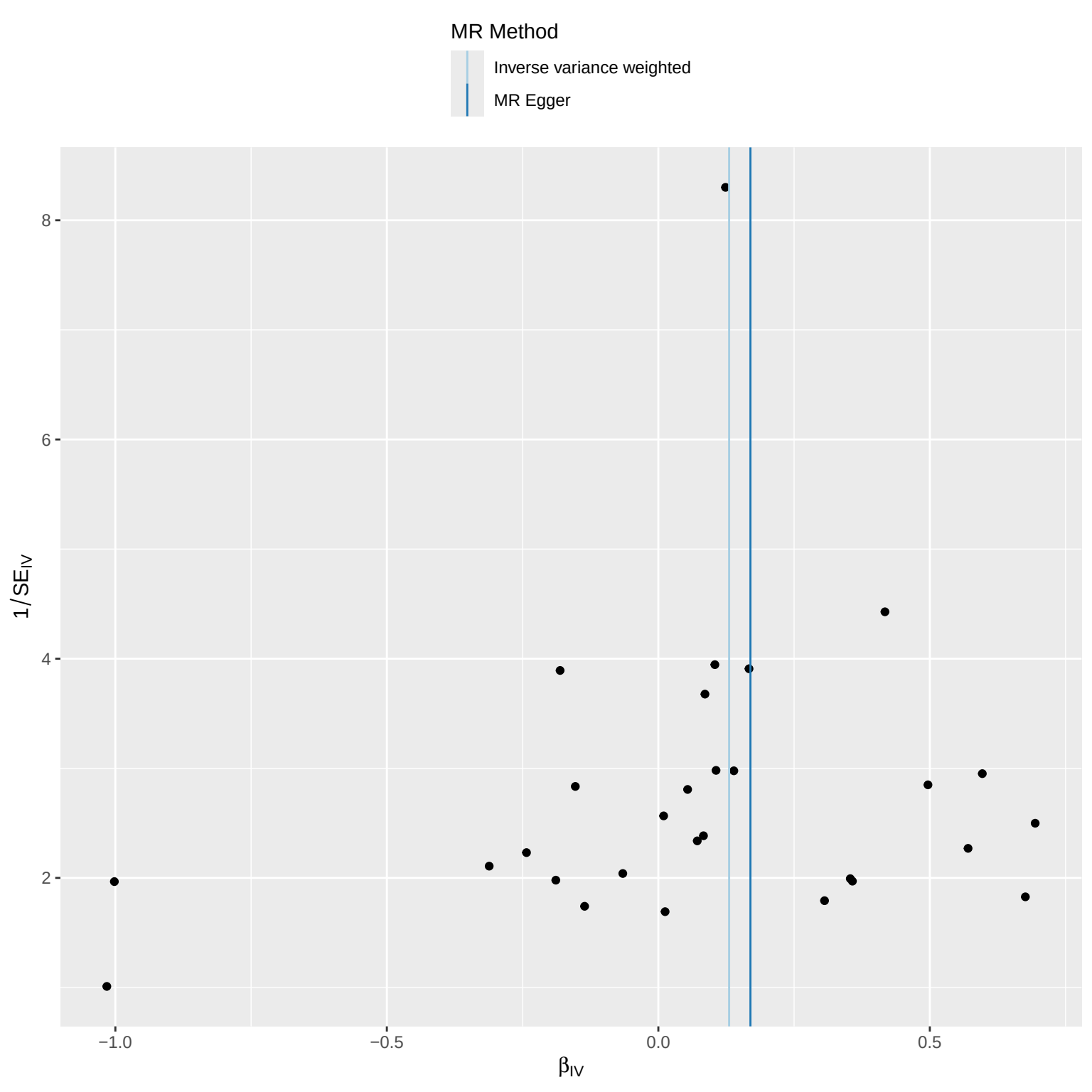

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

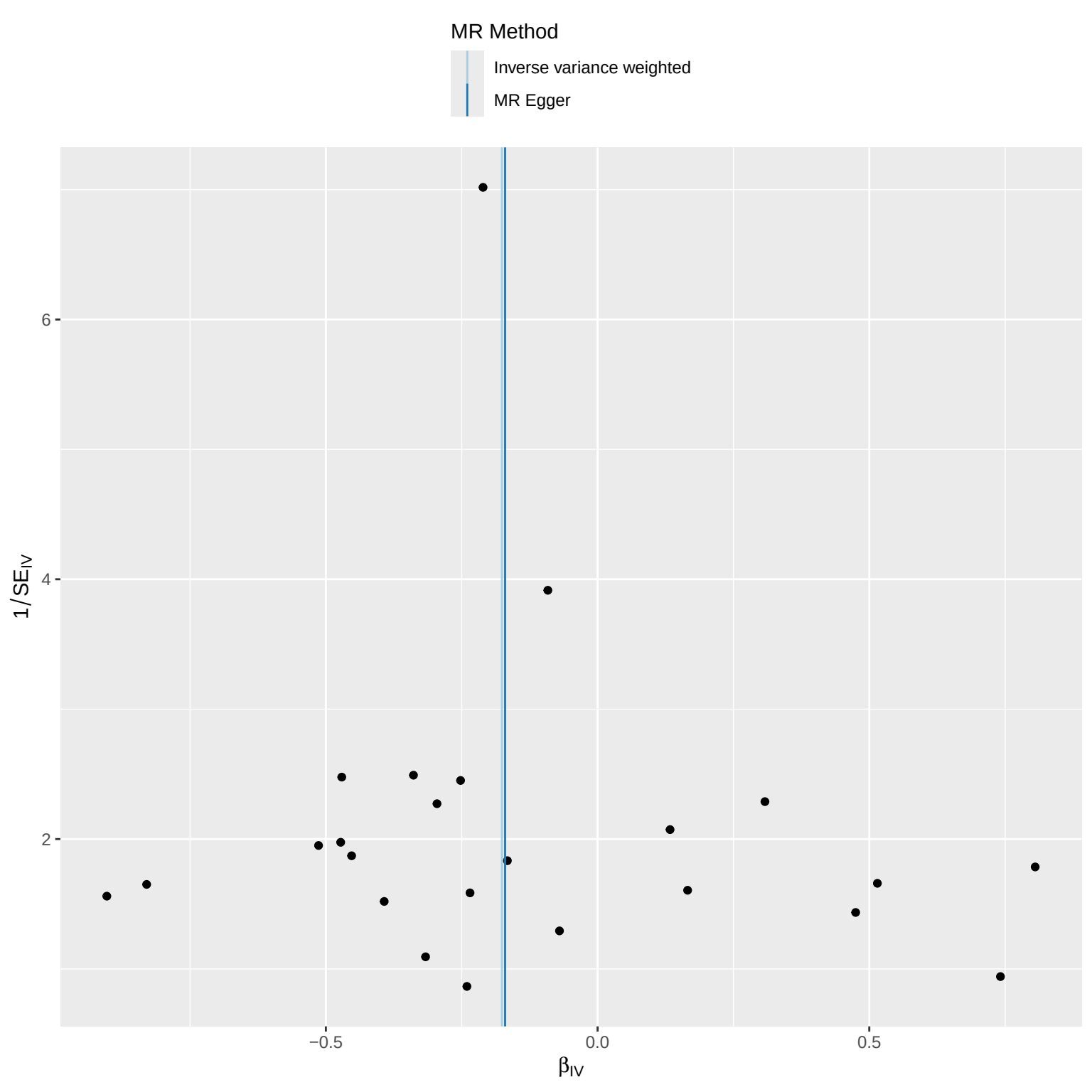

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1
1/SE_IV
β_IV

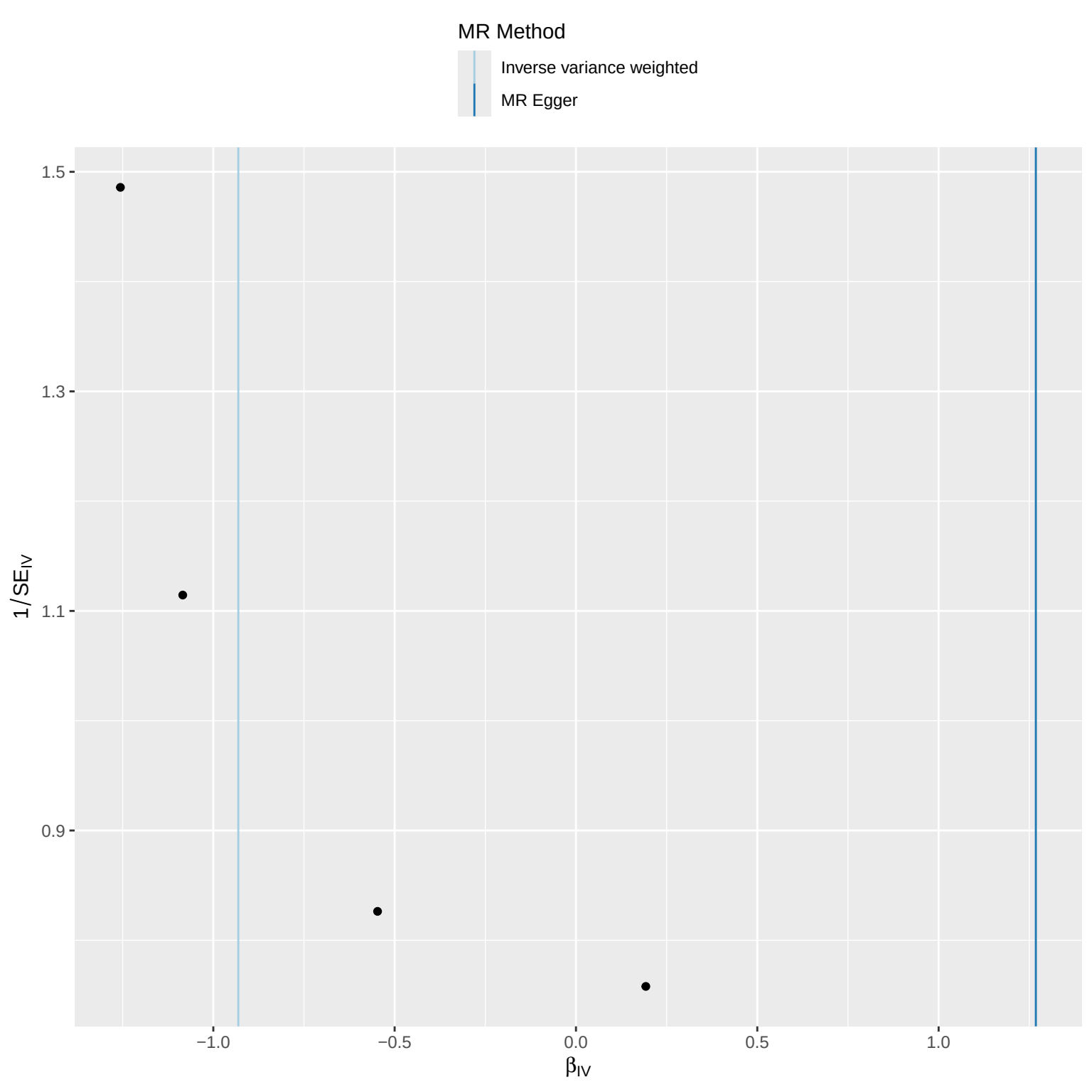

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.5
1.0
1.5
β_IV

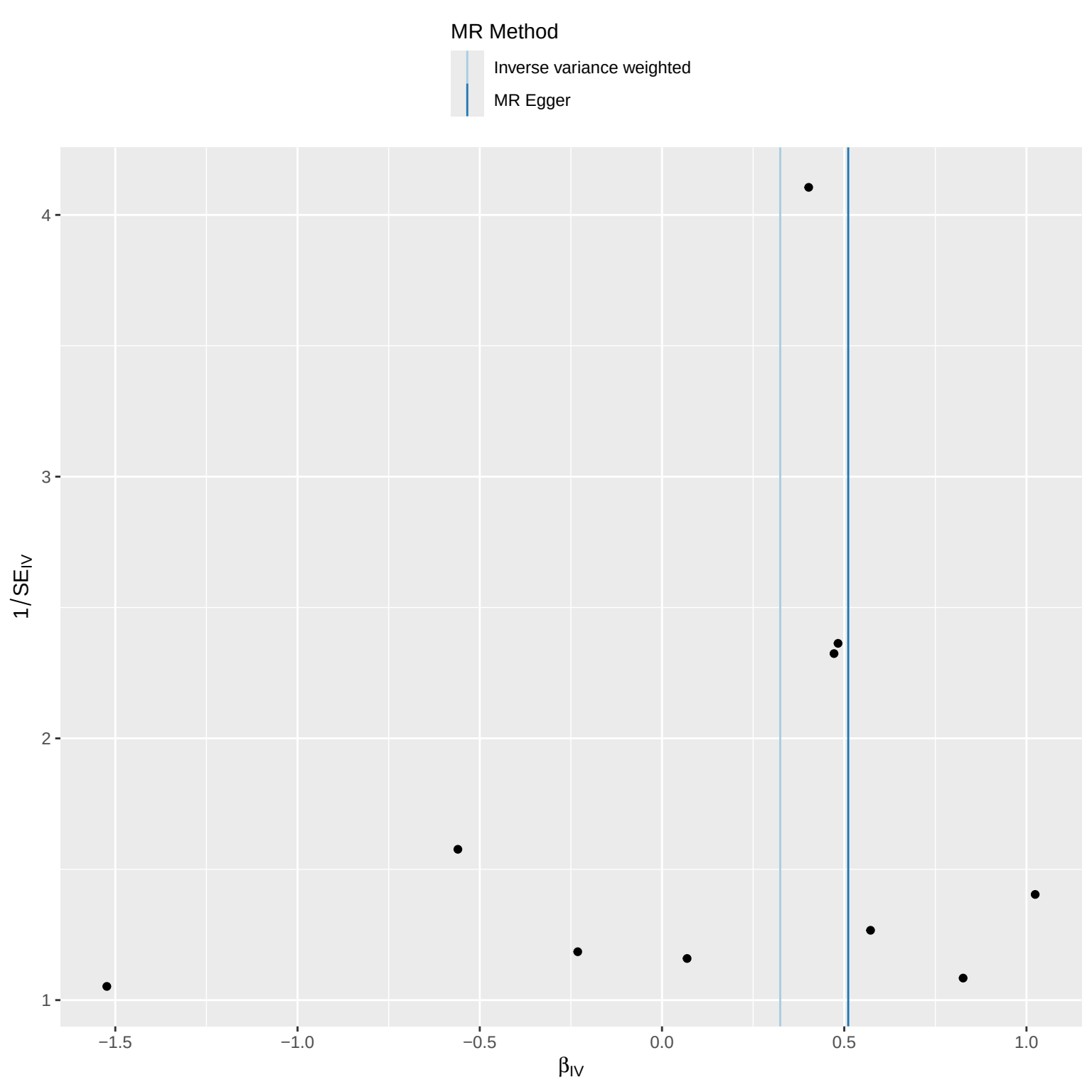

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

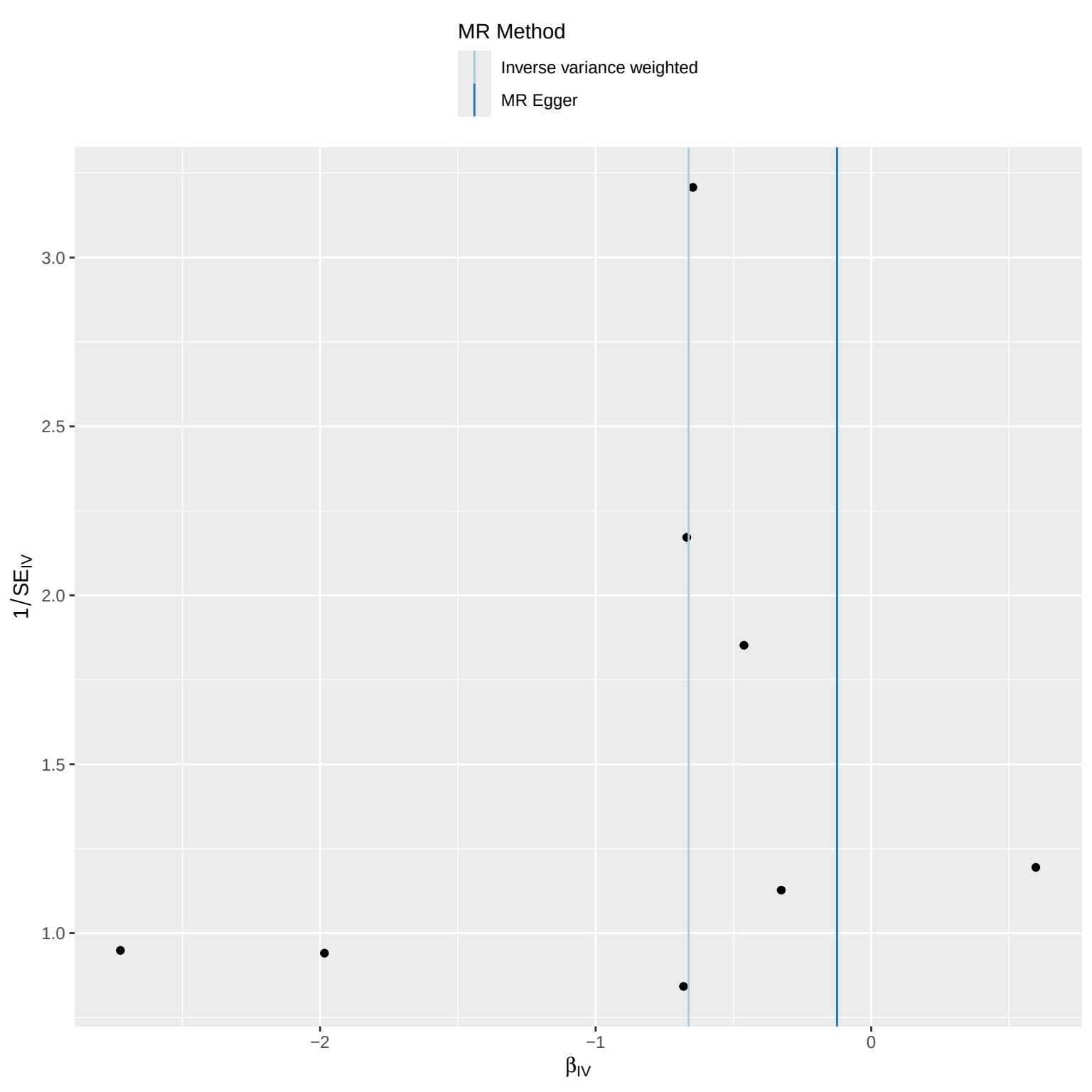

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.3
0.0
0.3
0.6
β_IV

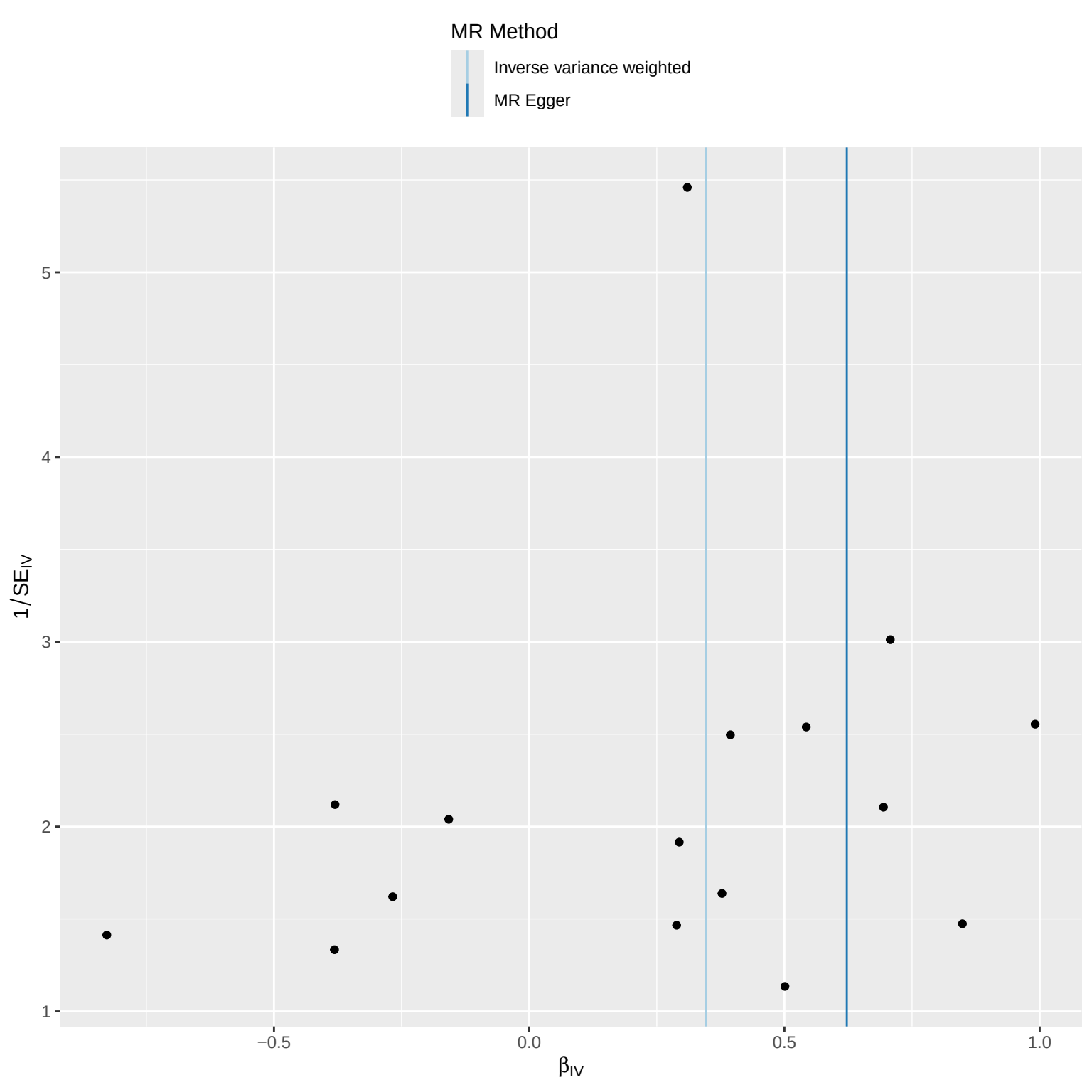

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

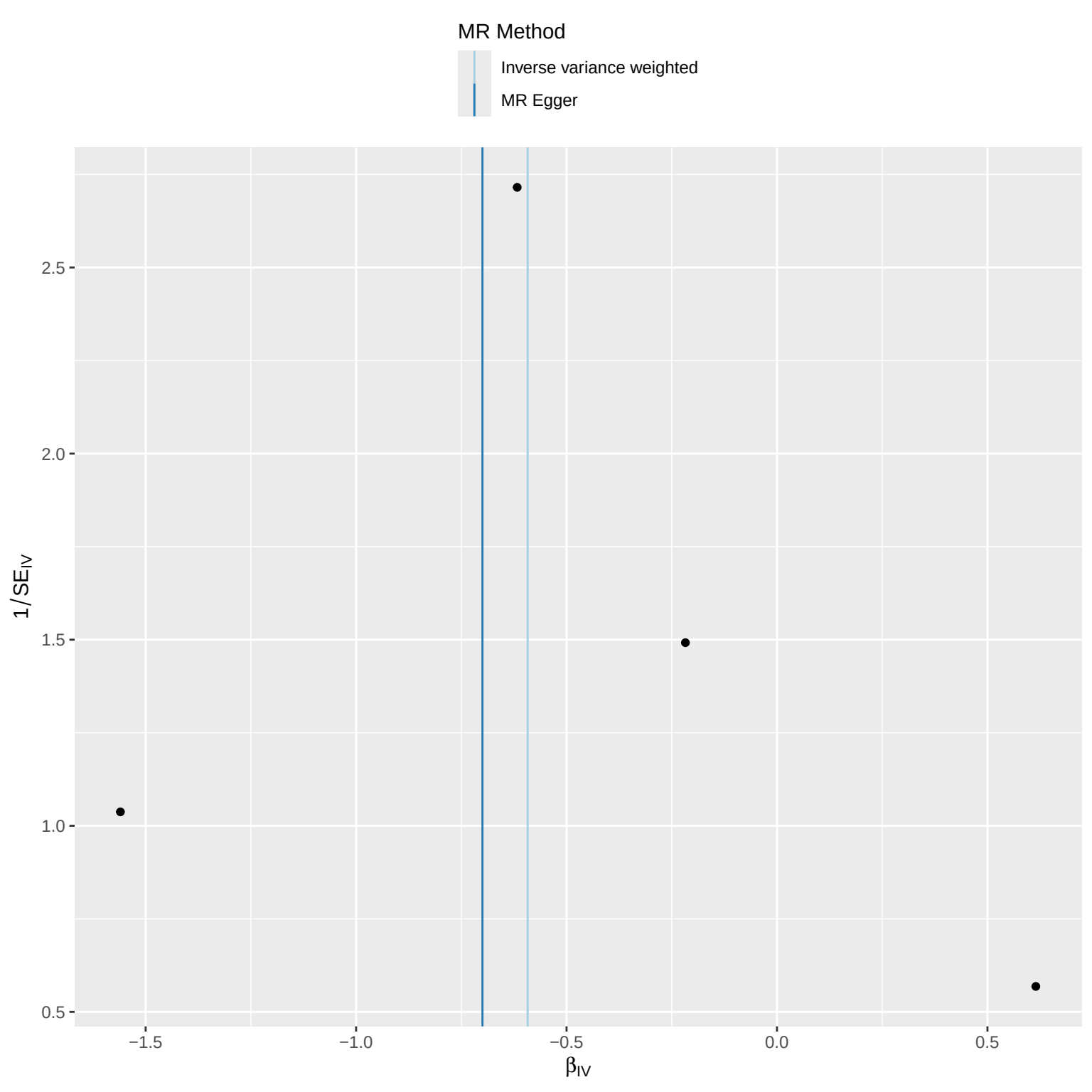

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

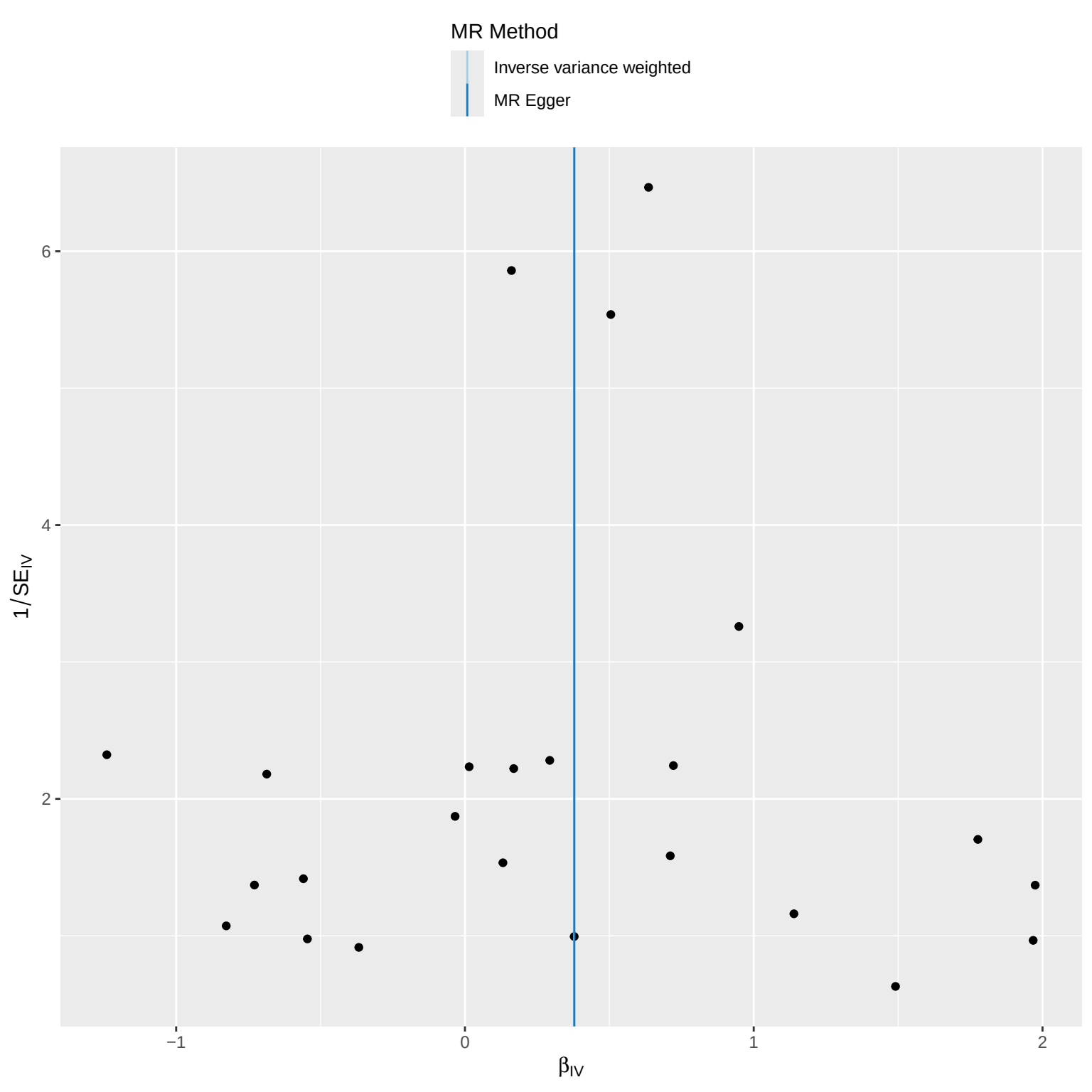

MR Method
Inverse variance weighted
MR Egger
1.5
1.3
1.1
0.9
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

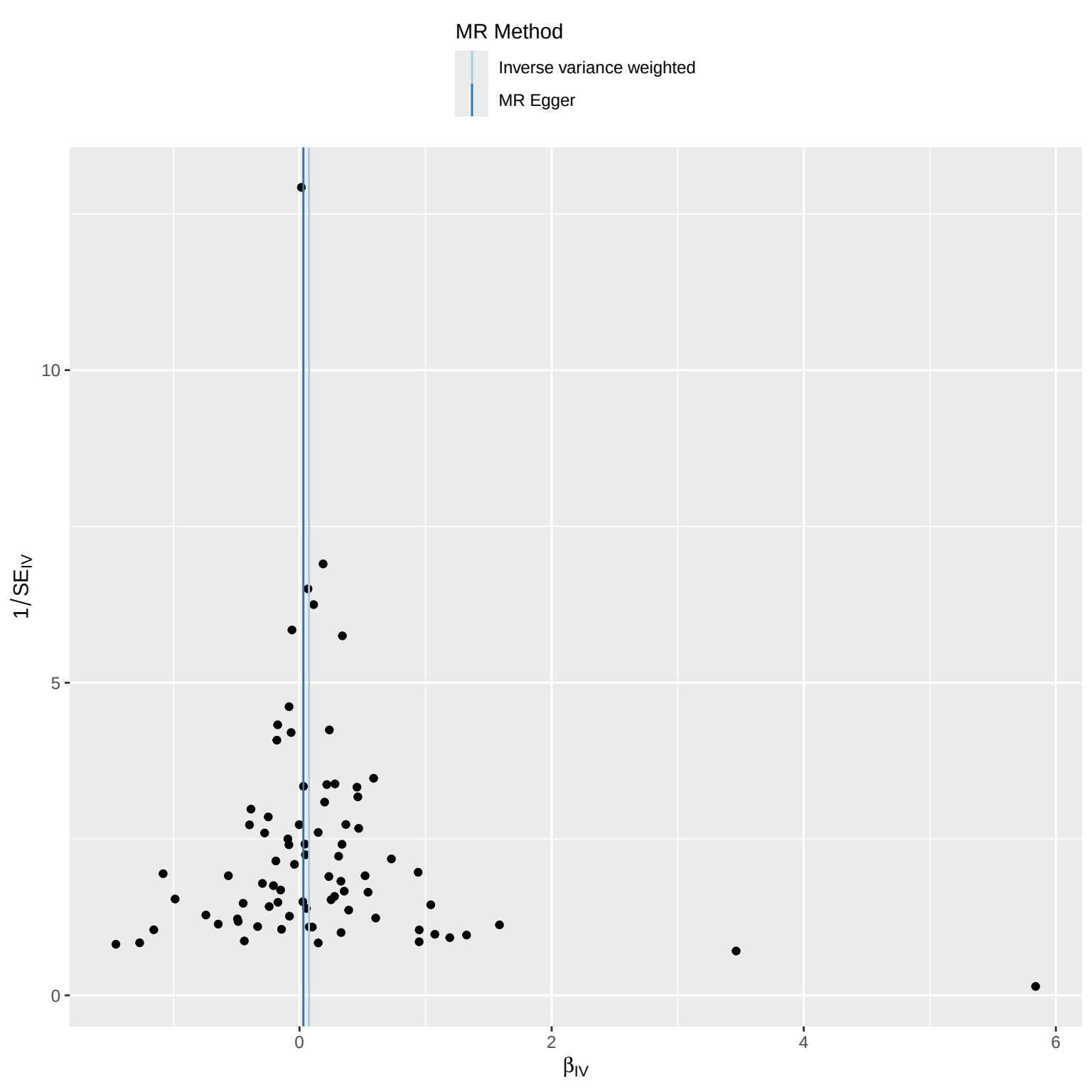

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

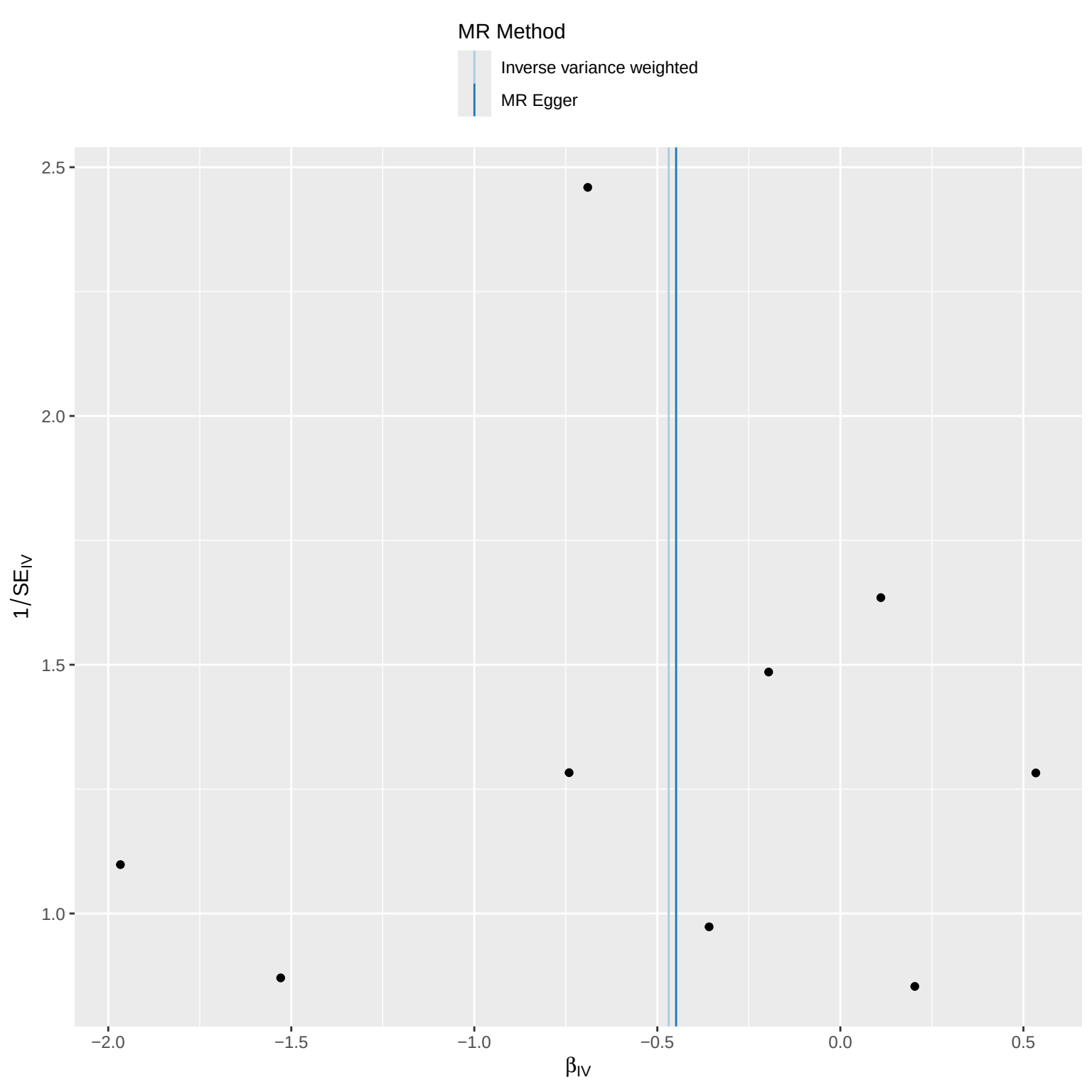

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

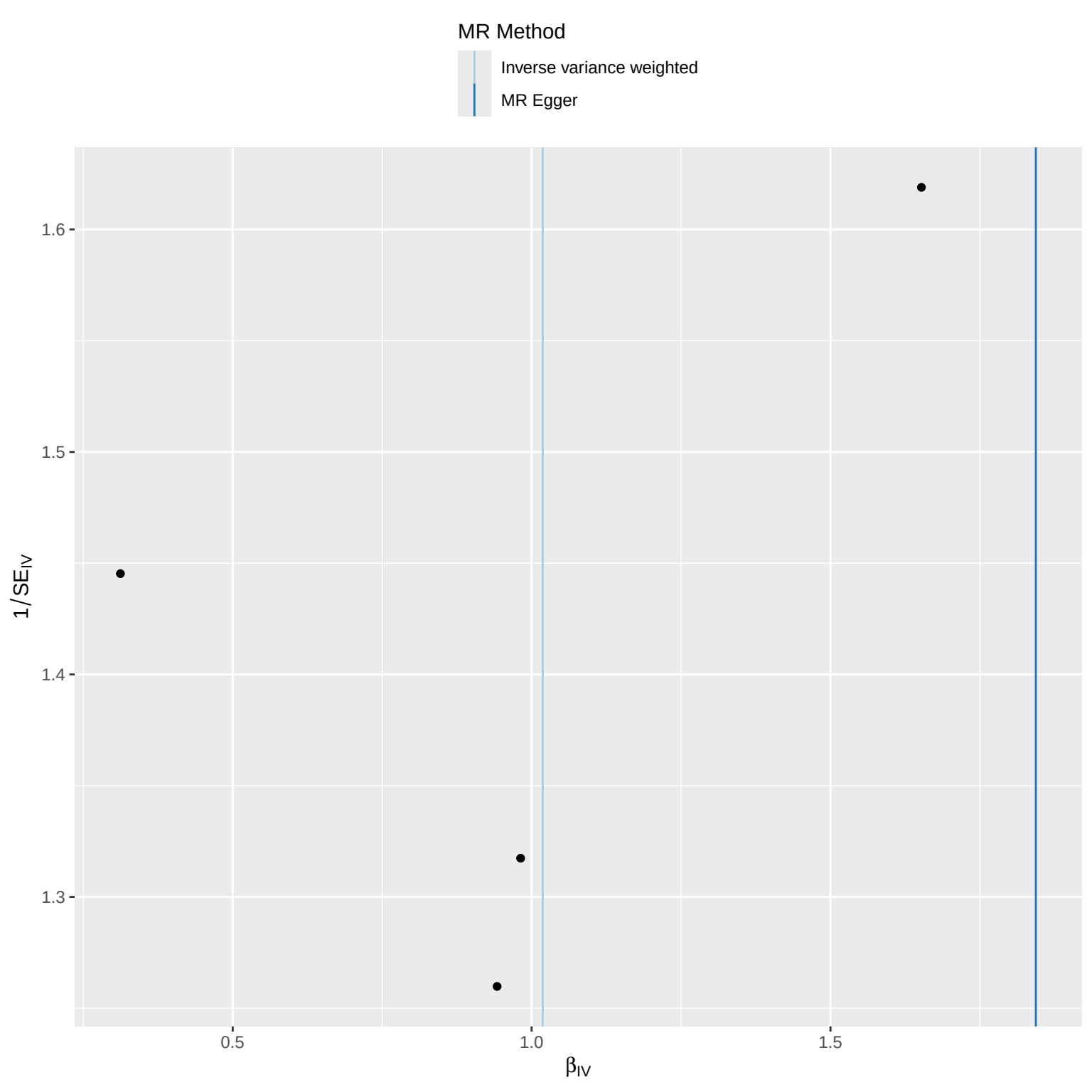

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−0.5
0.0
0.5
1.0
β_IV

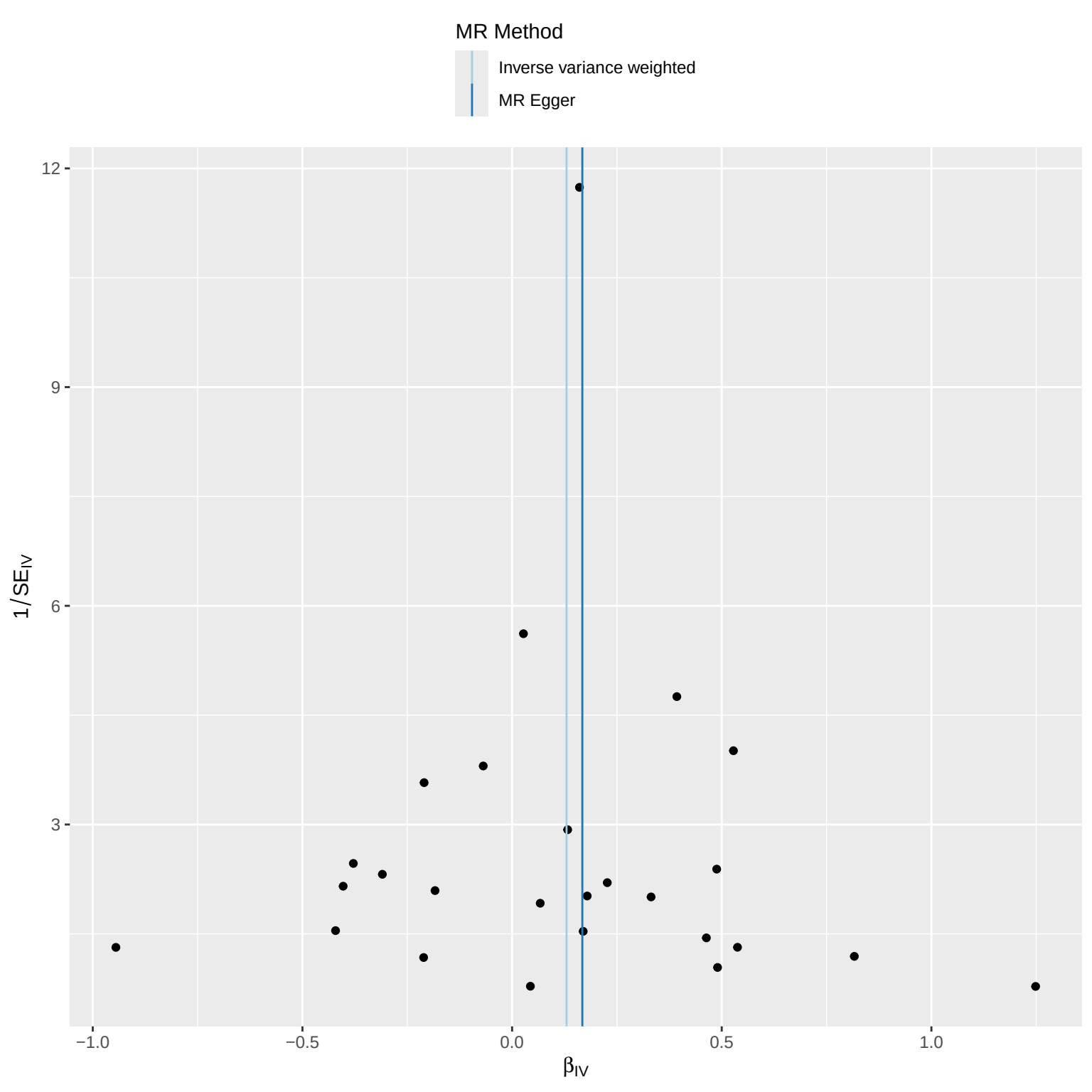

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

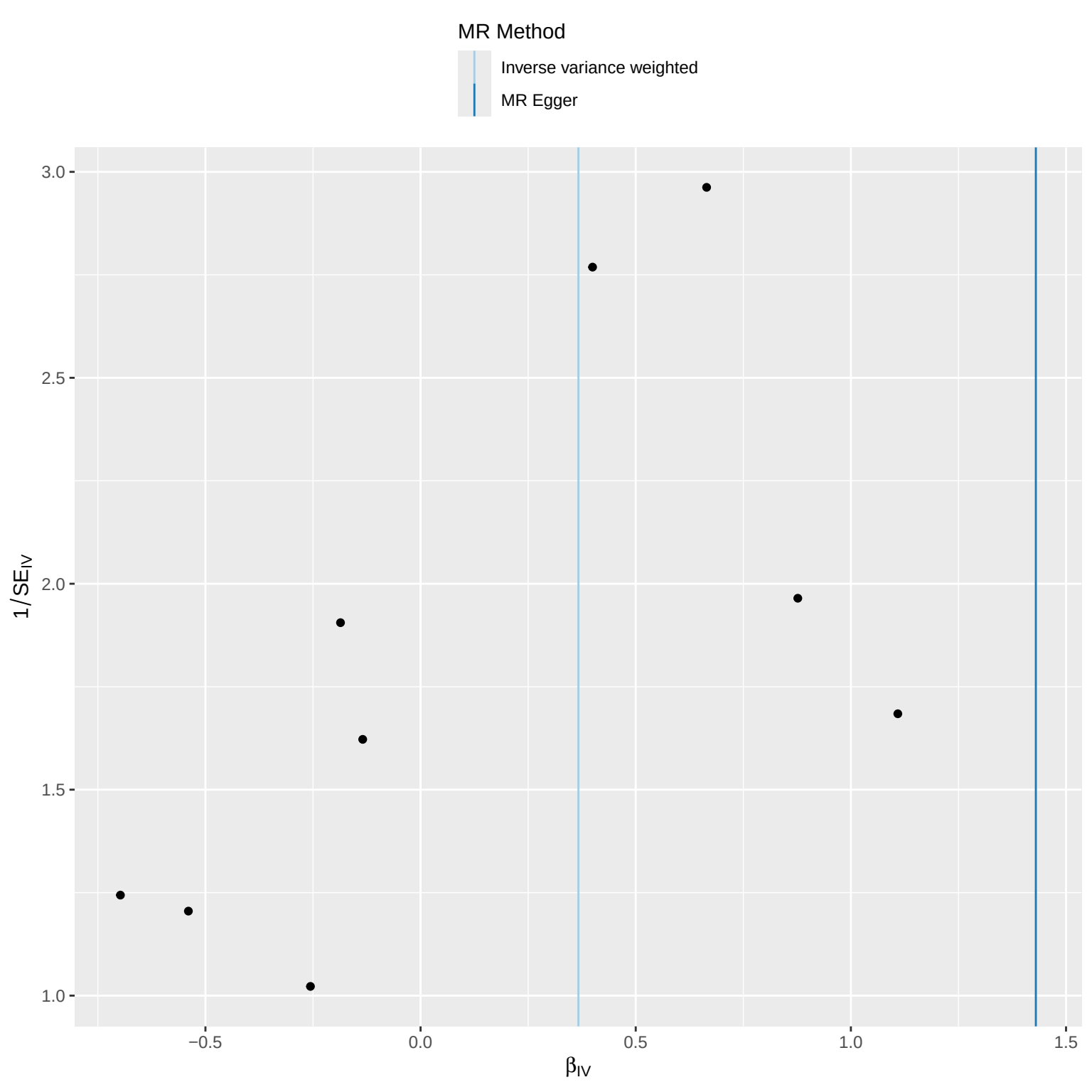

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

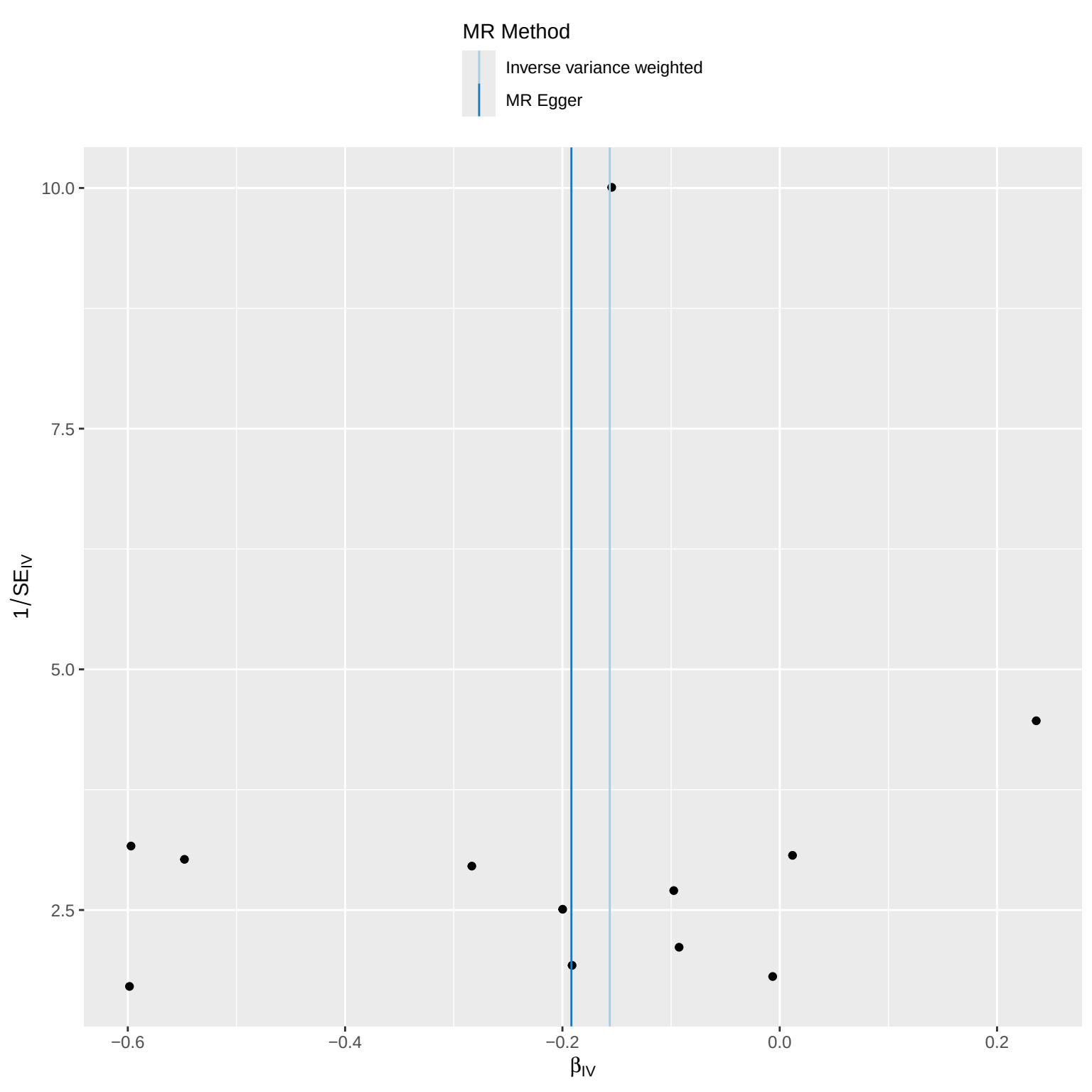

MR Method
Inverse variance weighted
MR Egger
10
5
0
1/SE_IV
0
2
4
6
β_IV

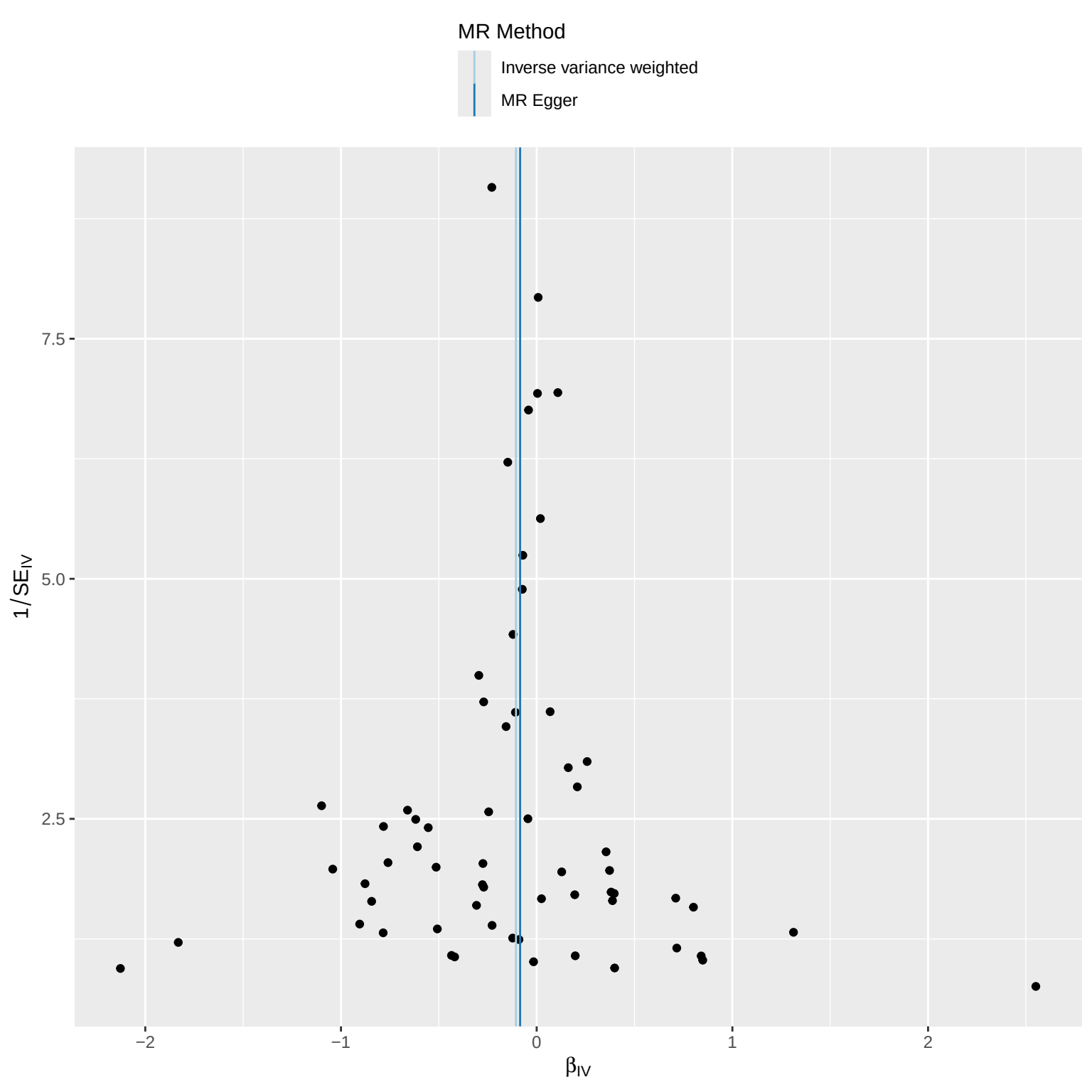

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

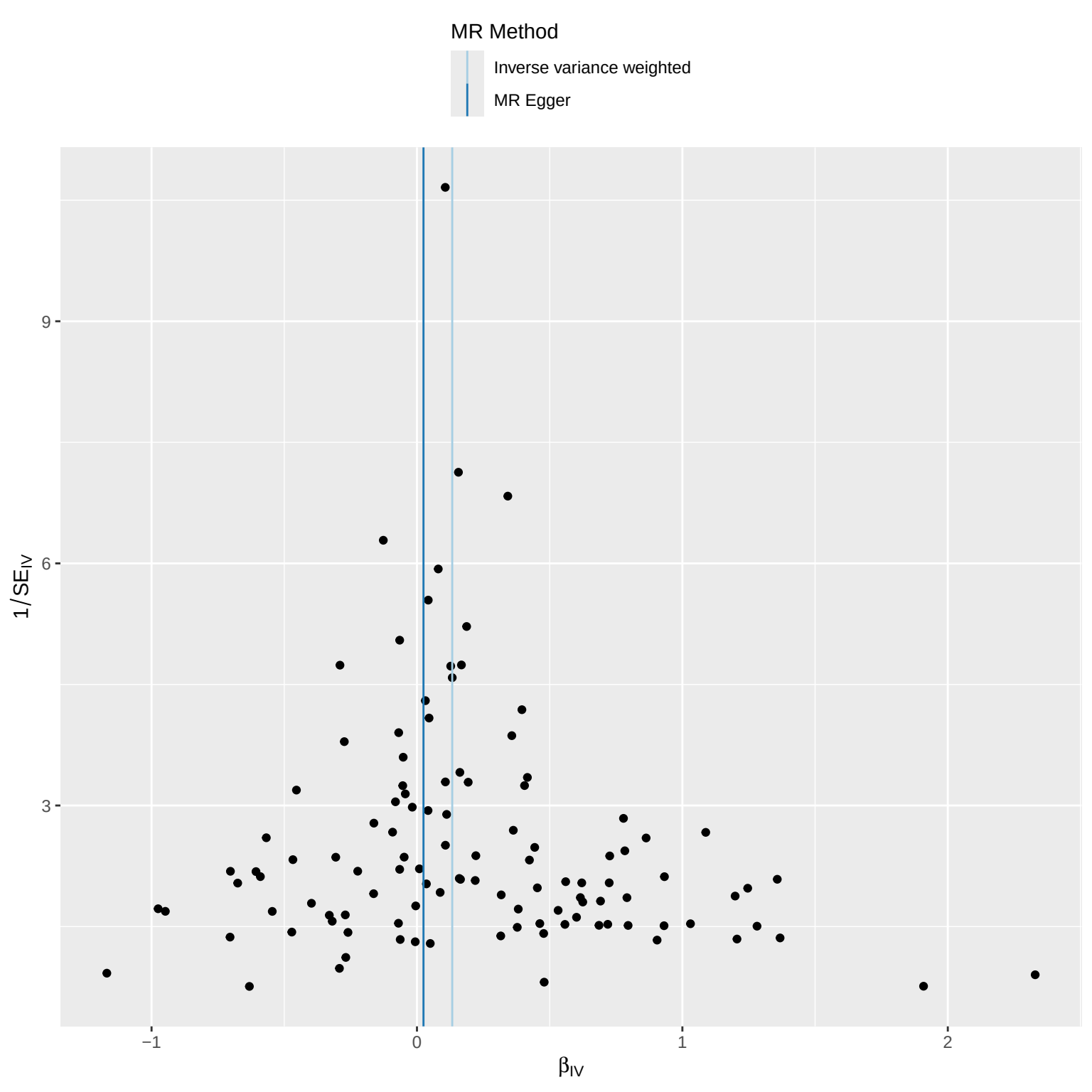

MR Method
Inverse variance weighted
MR Egger
1.6
1.5
1.4
1.3
1/SE_IV
0.5
1.0
1.5
β_IV

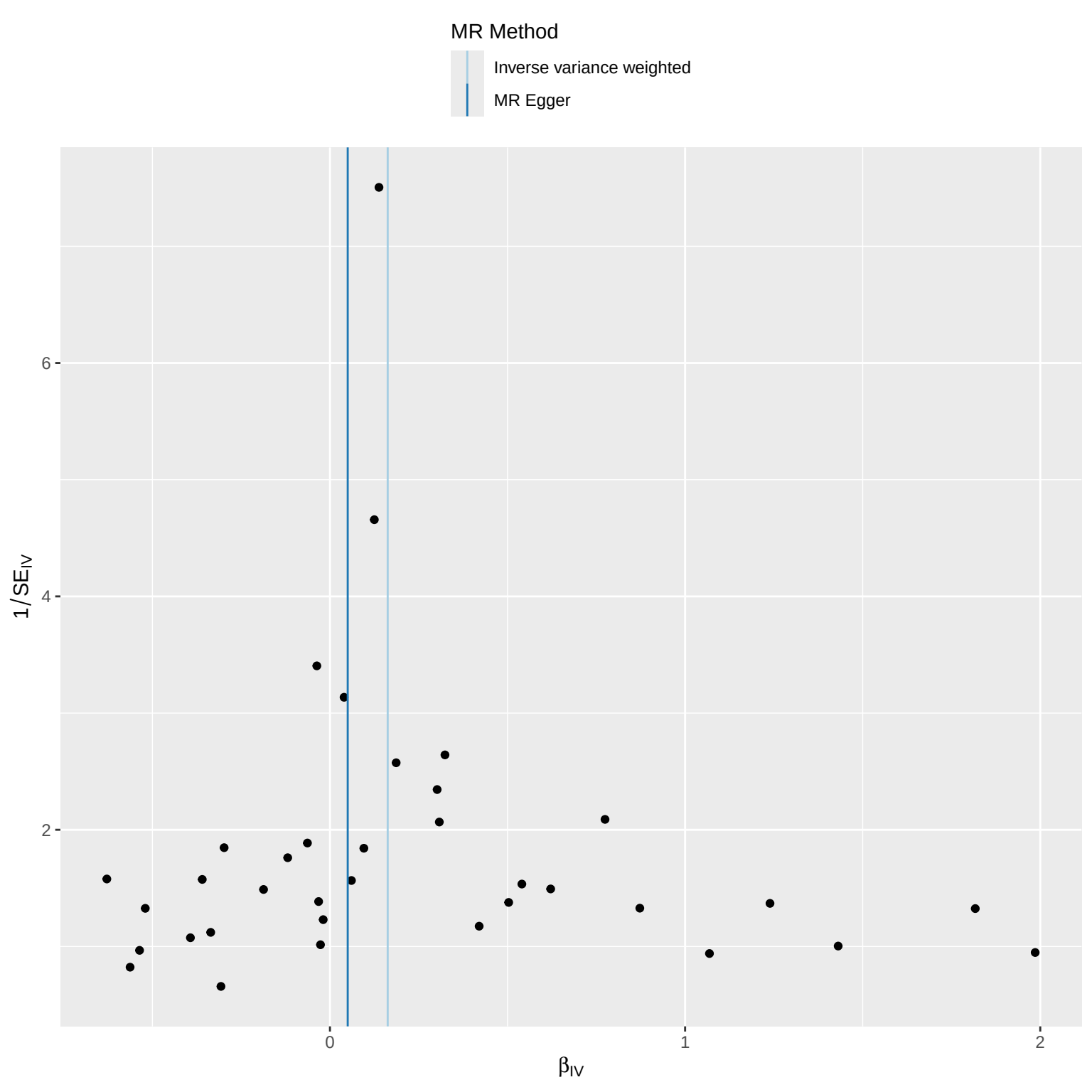

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

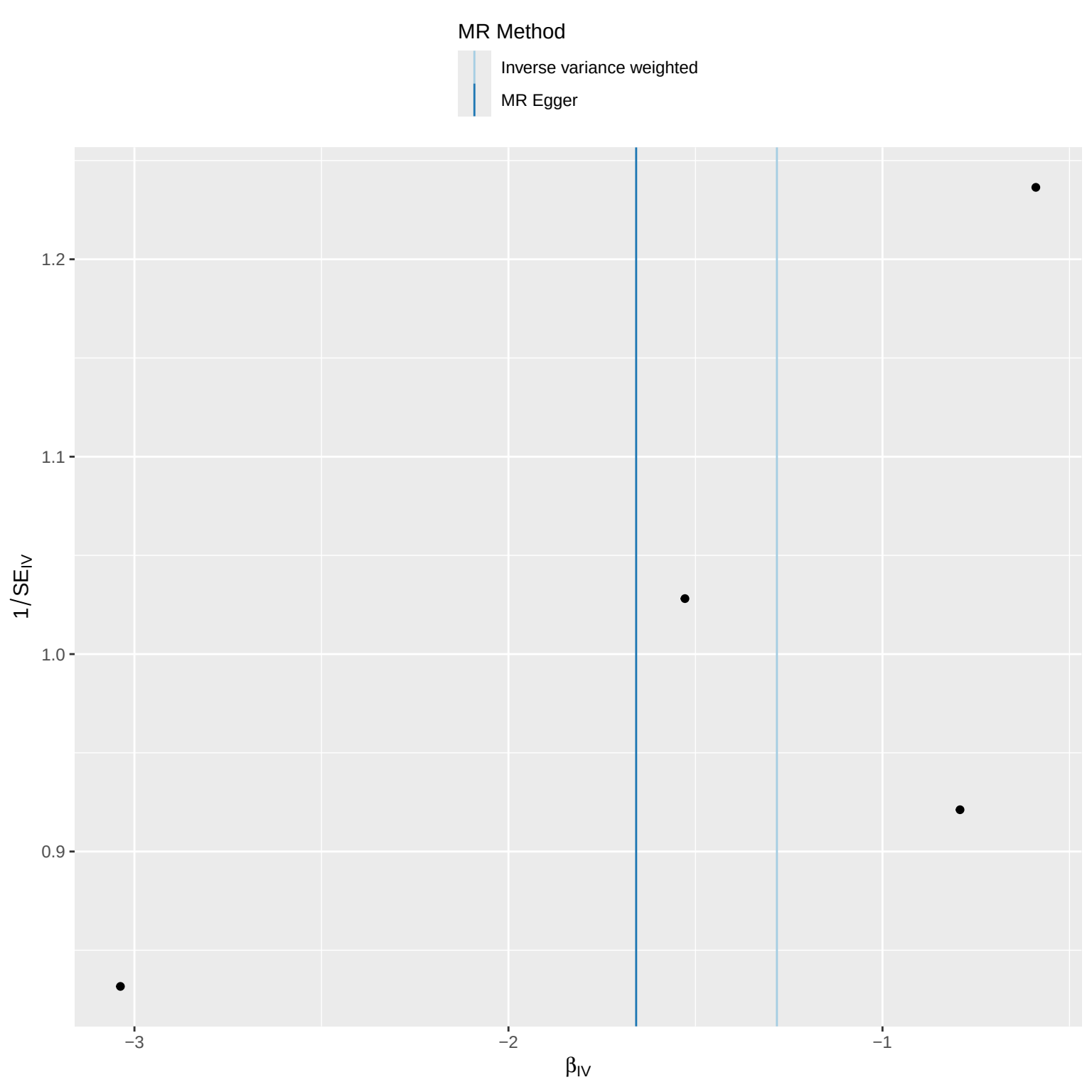

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

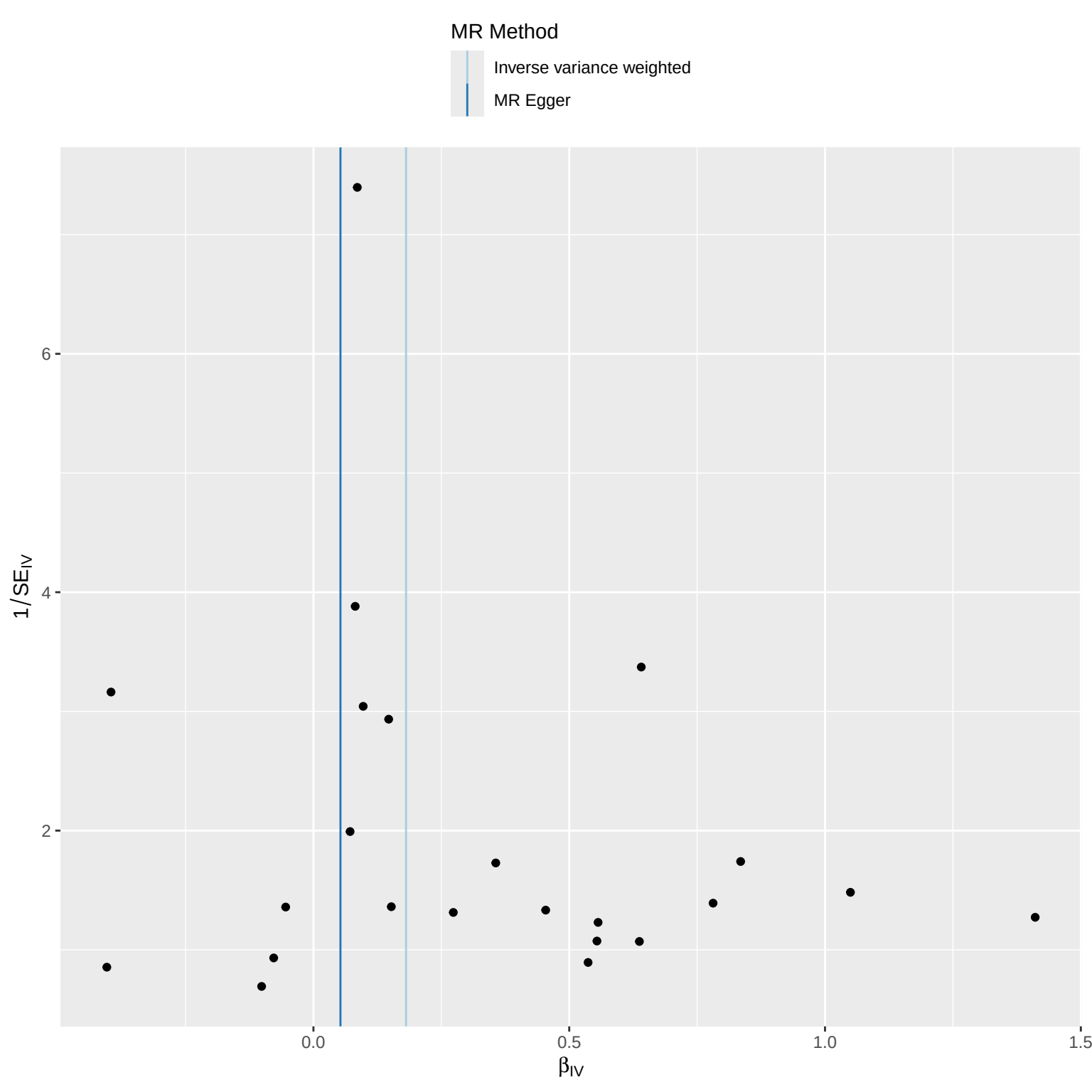

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
β_IV

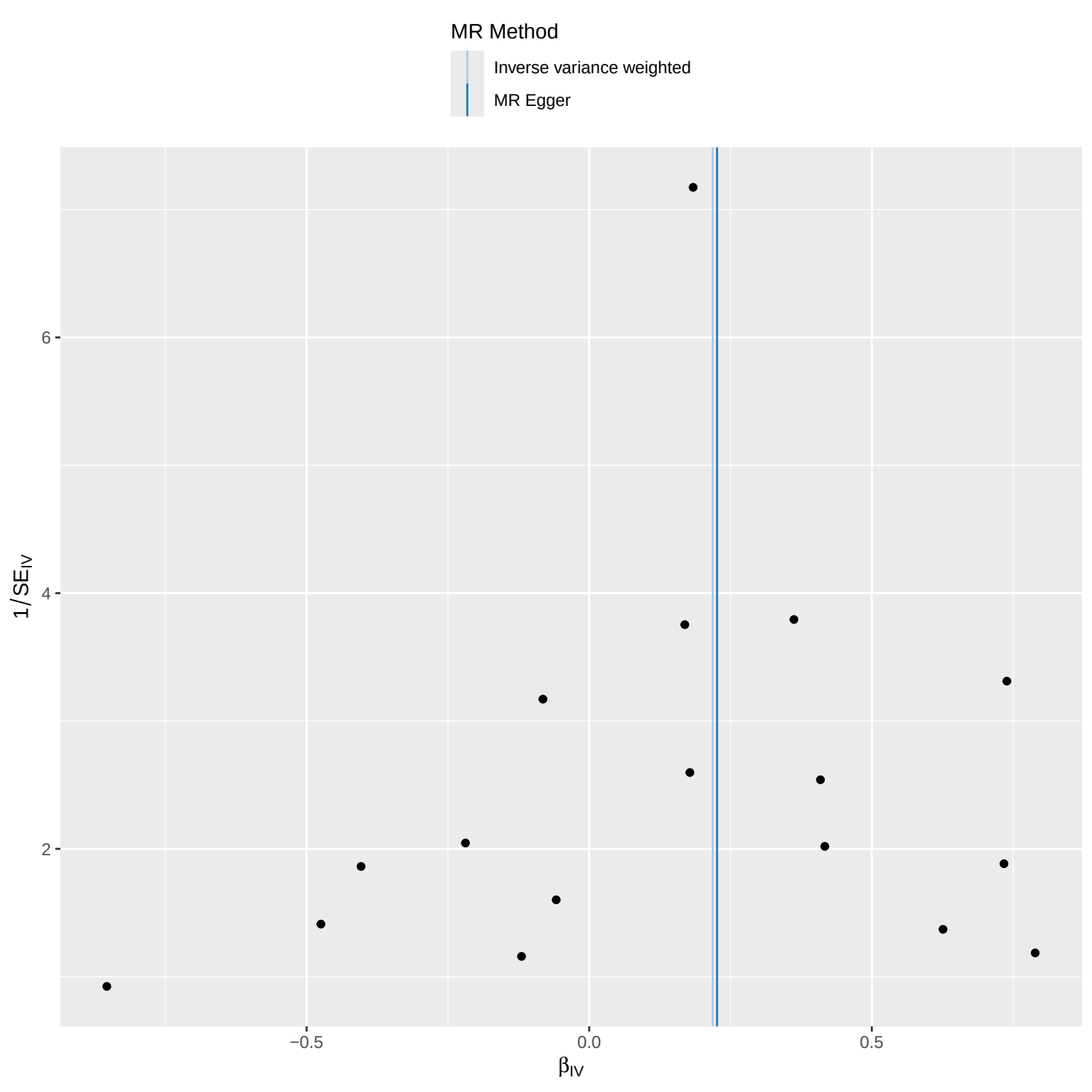

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

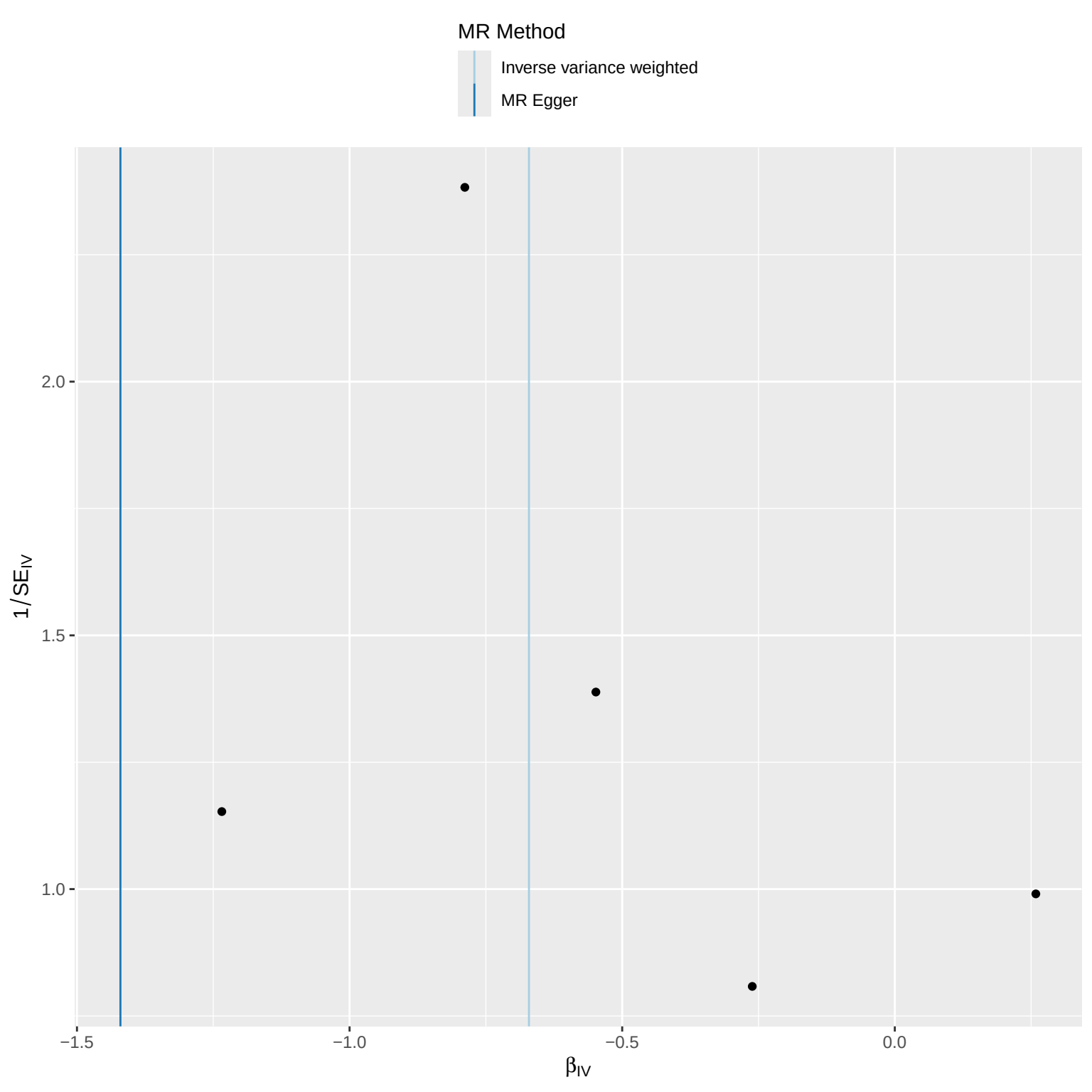

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1
0
1
2
β_IV

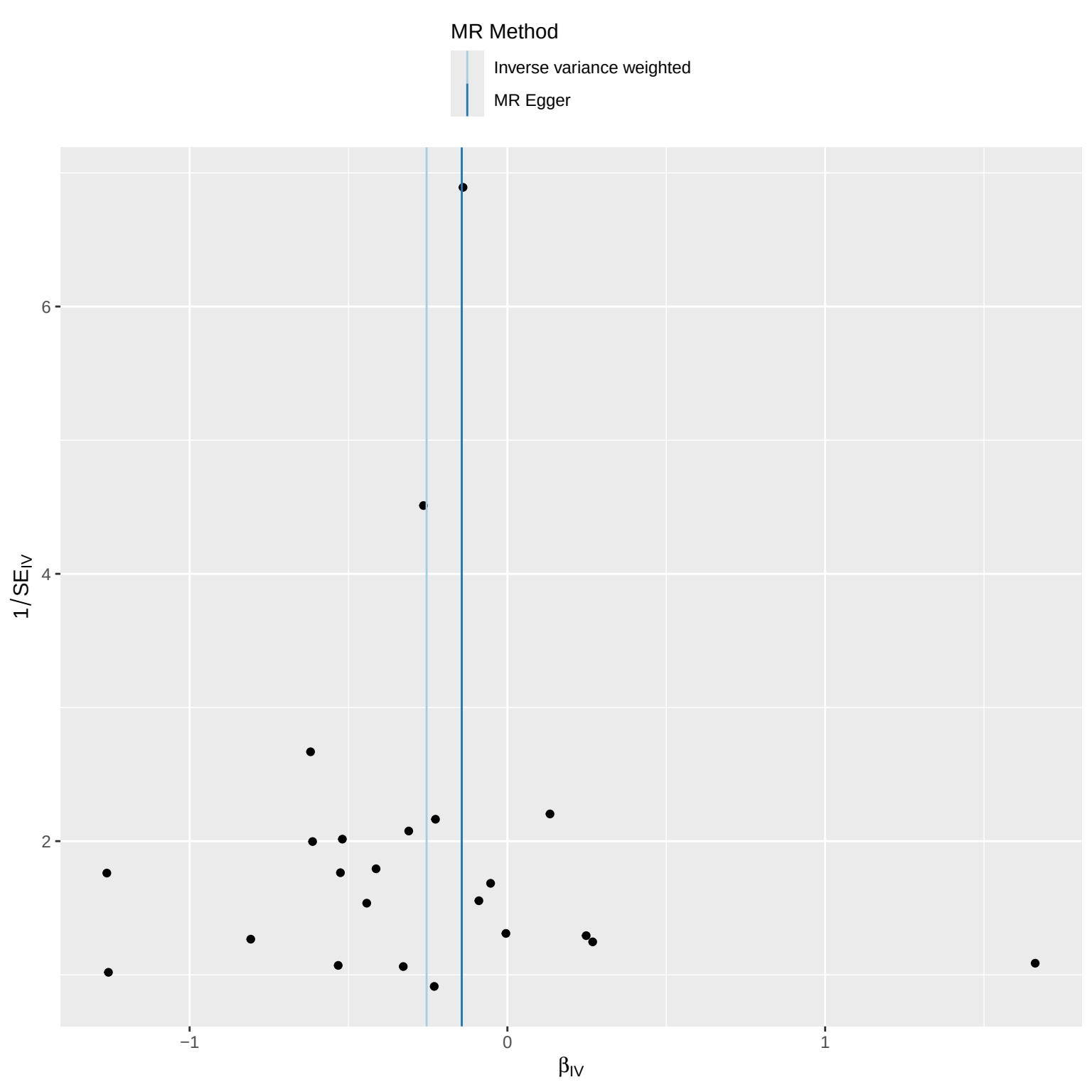

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

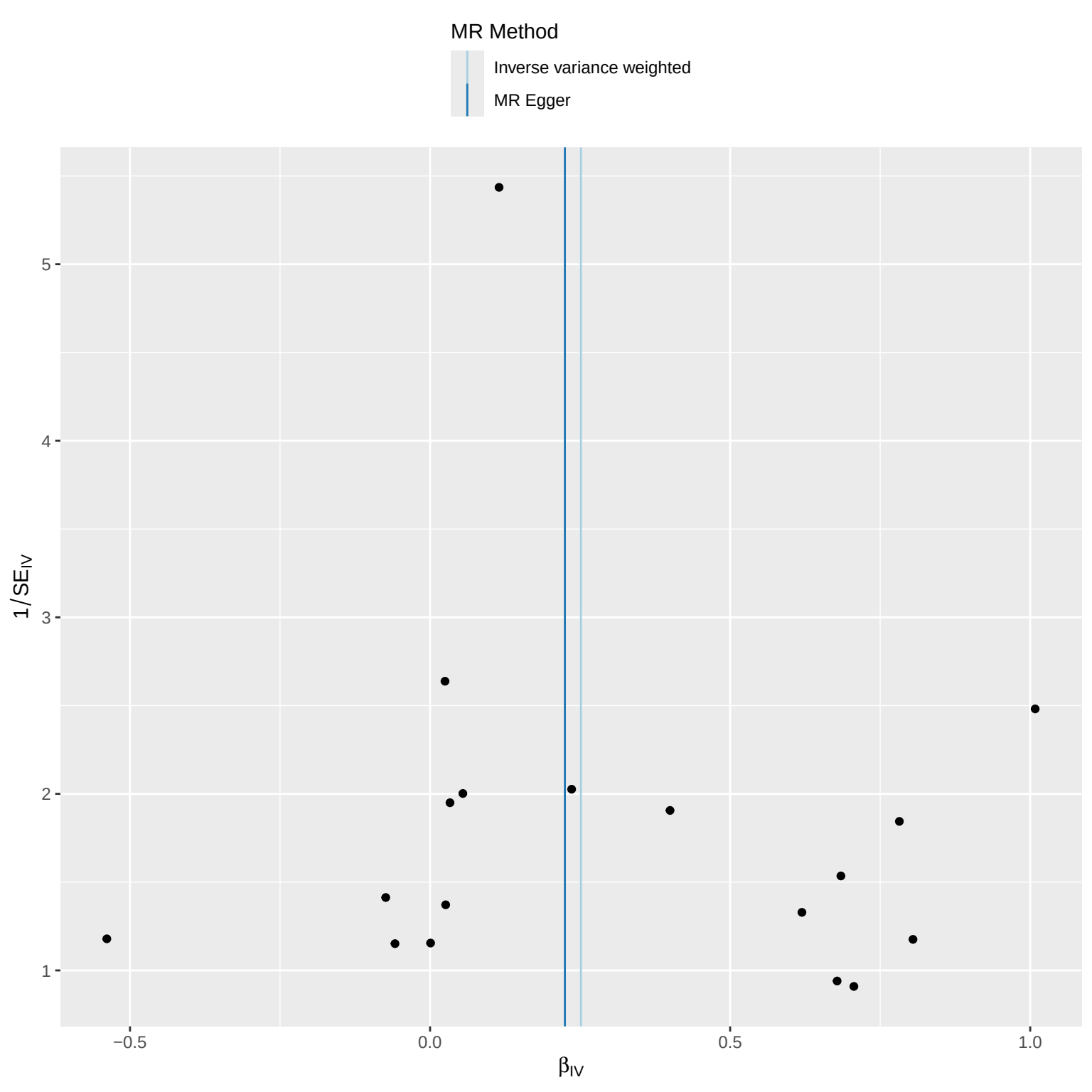

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
0.9
1/SE_IV
−3
−2
−1
β_IV

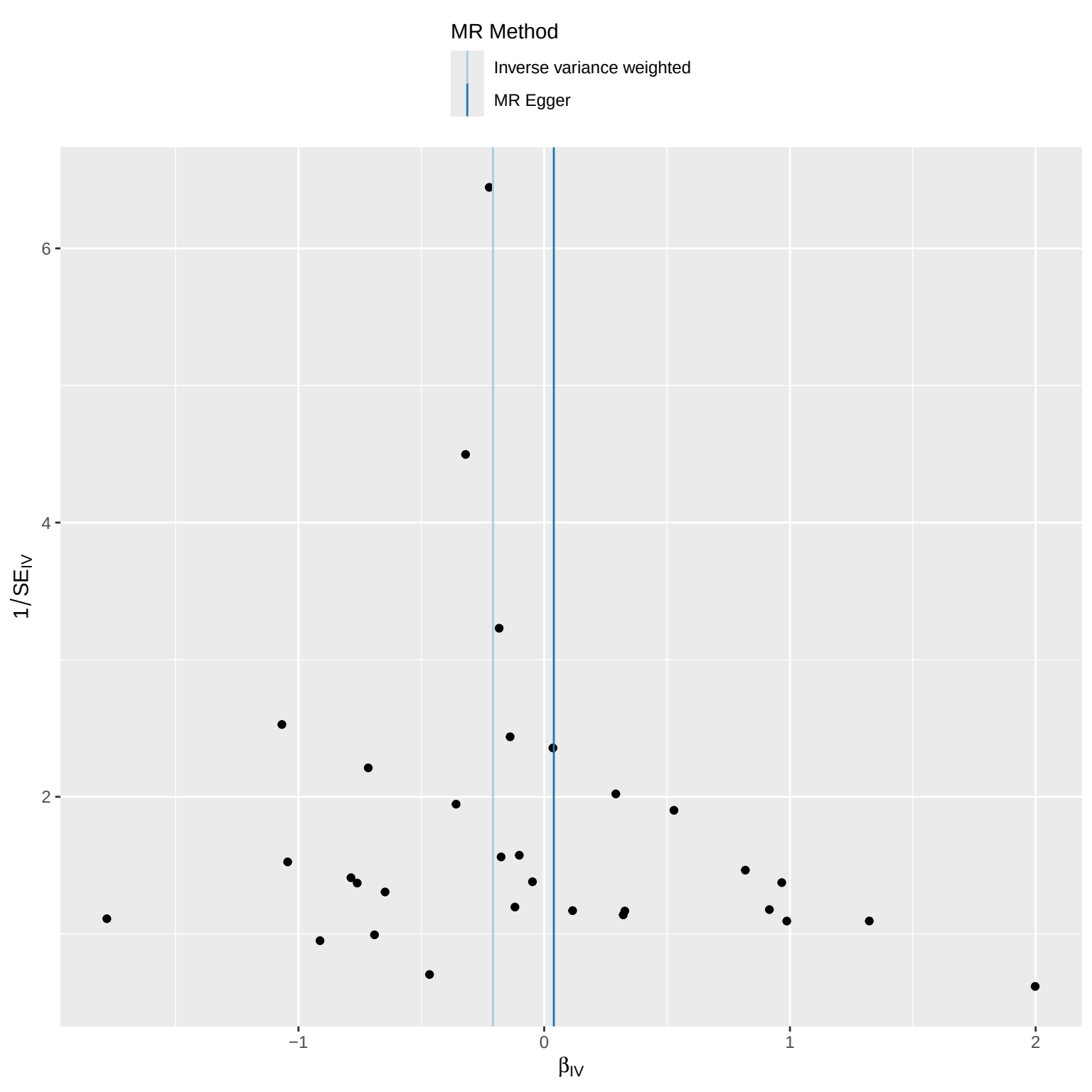

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

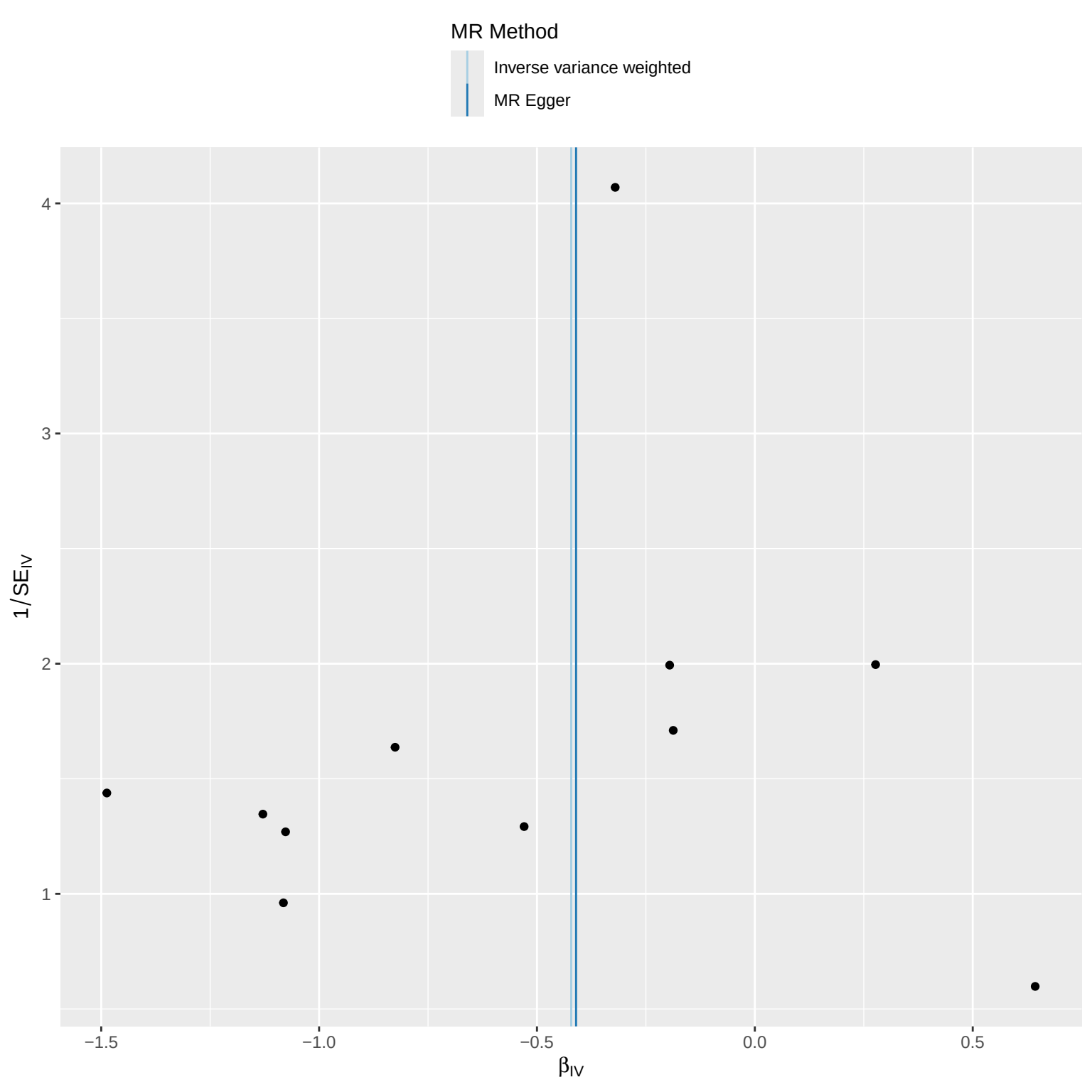

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

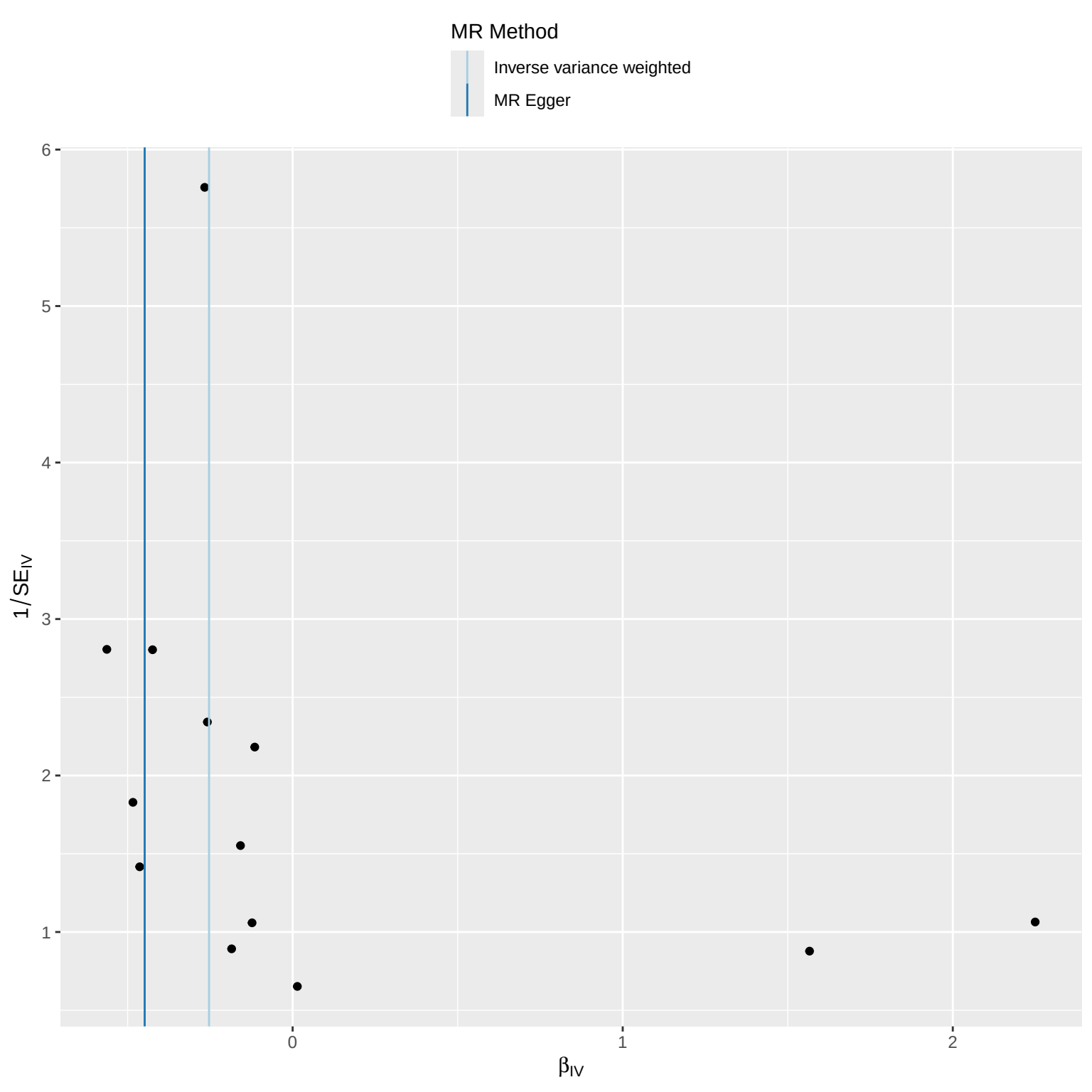

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

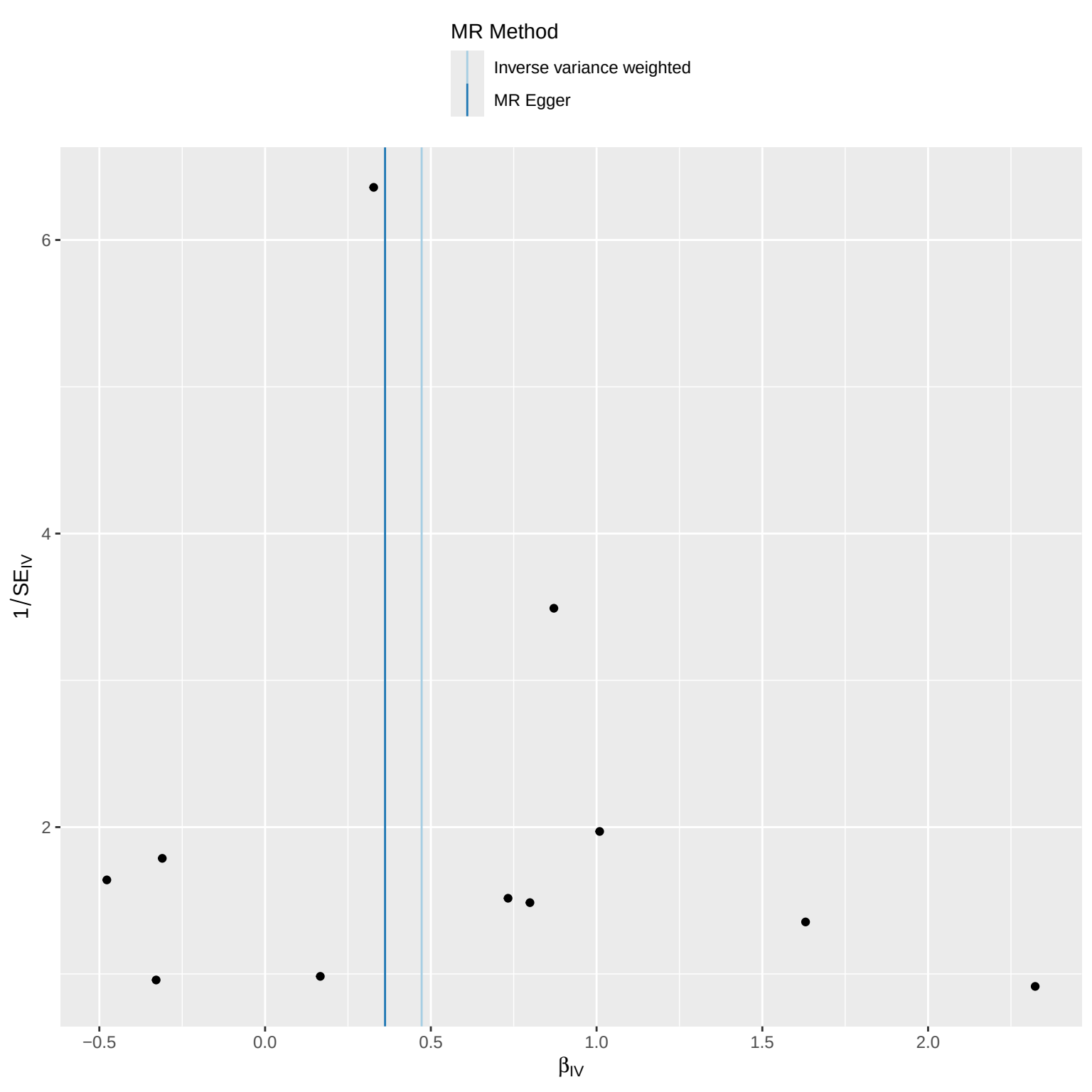

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

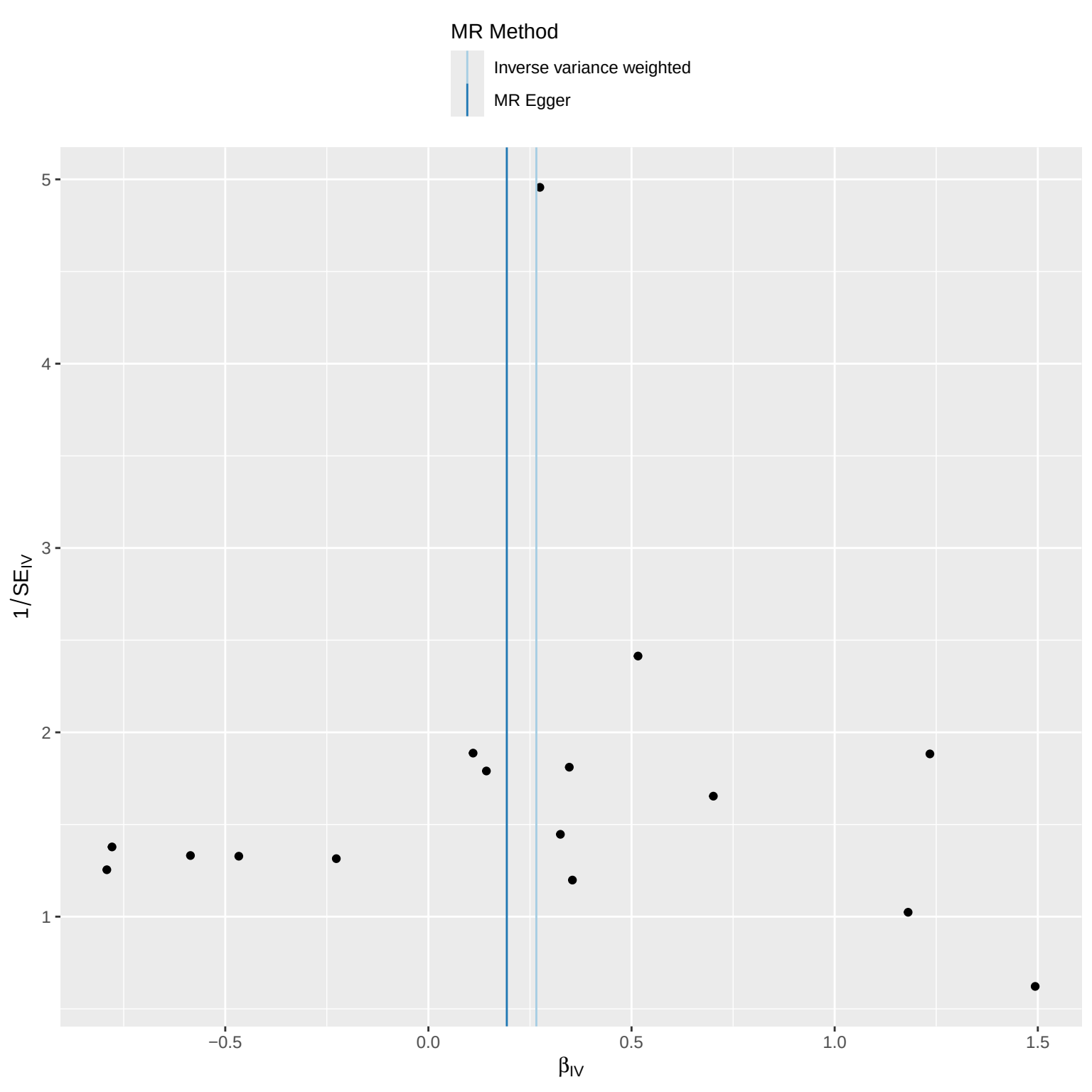

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

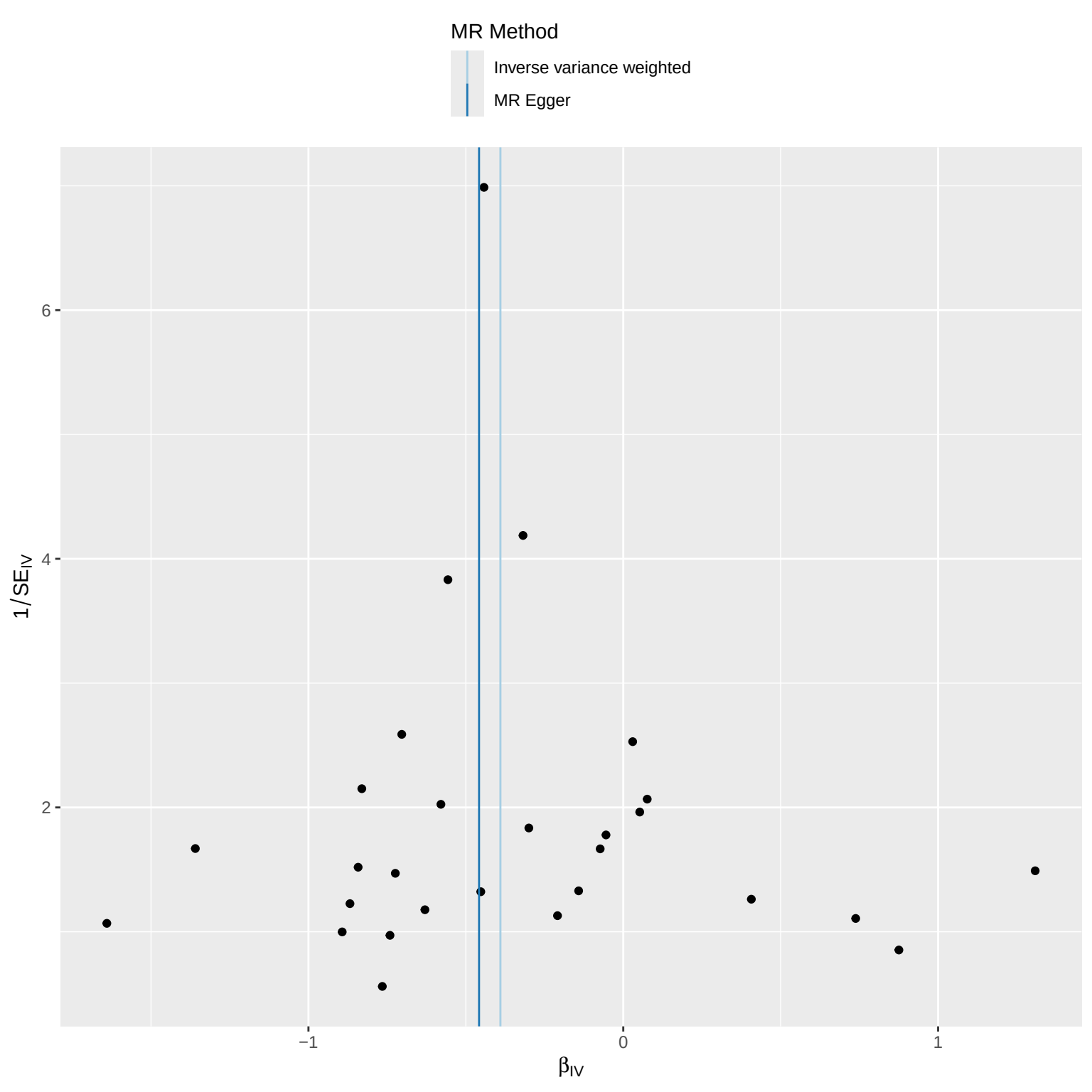

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

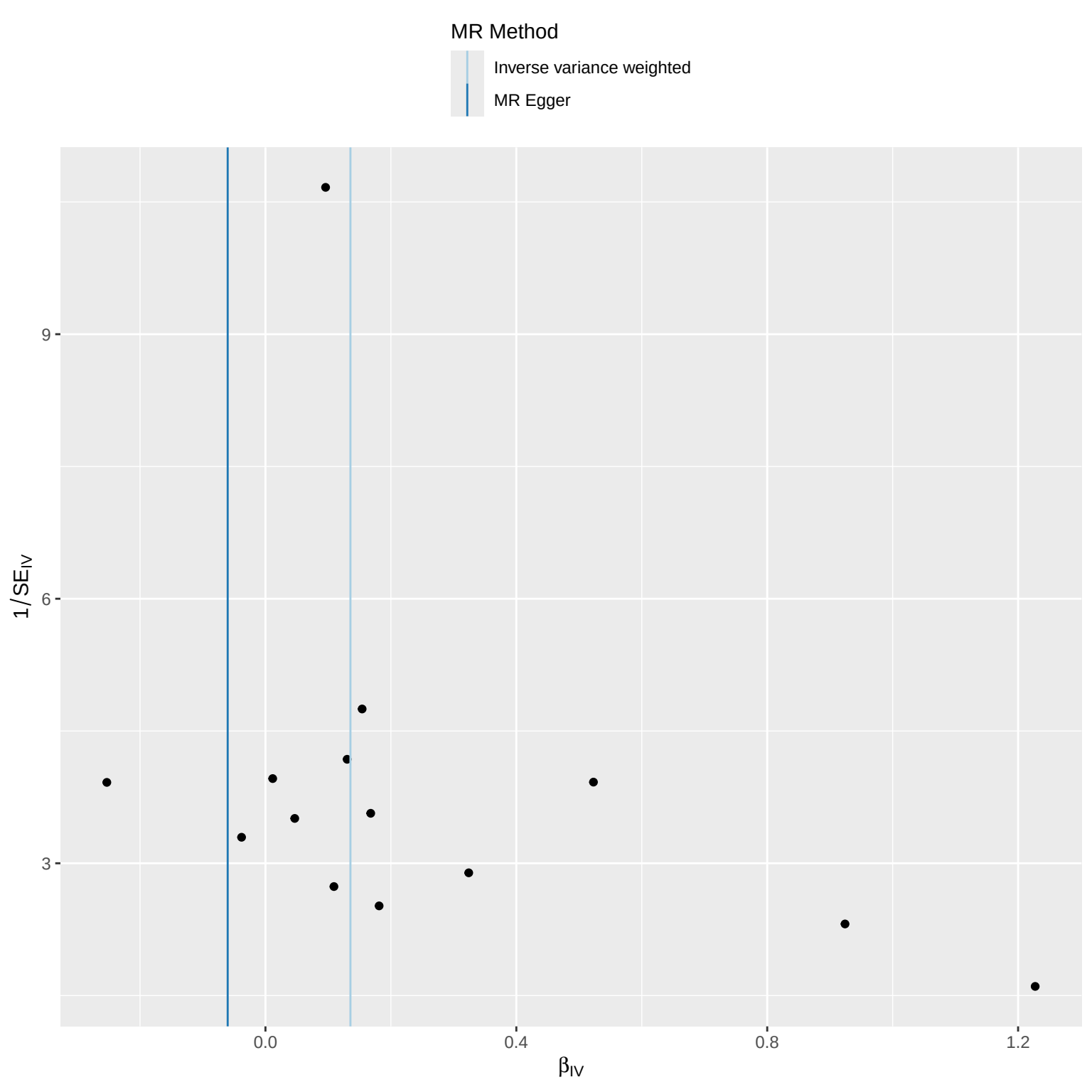

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

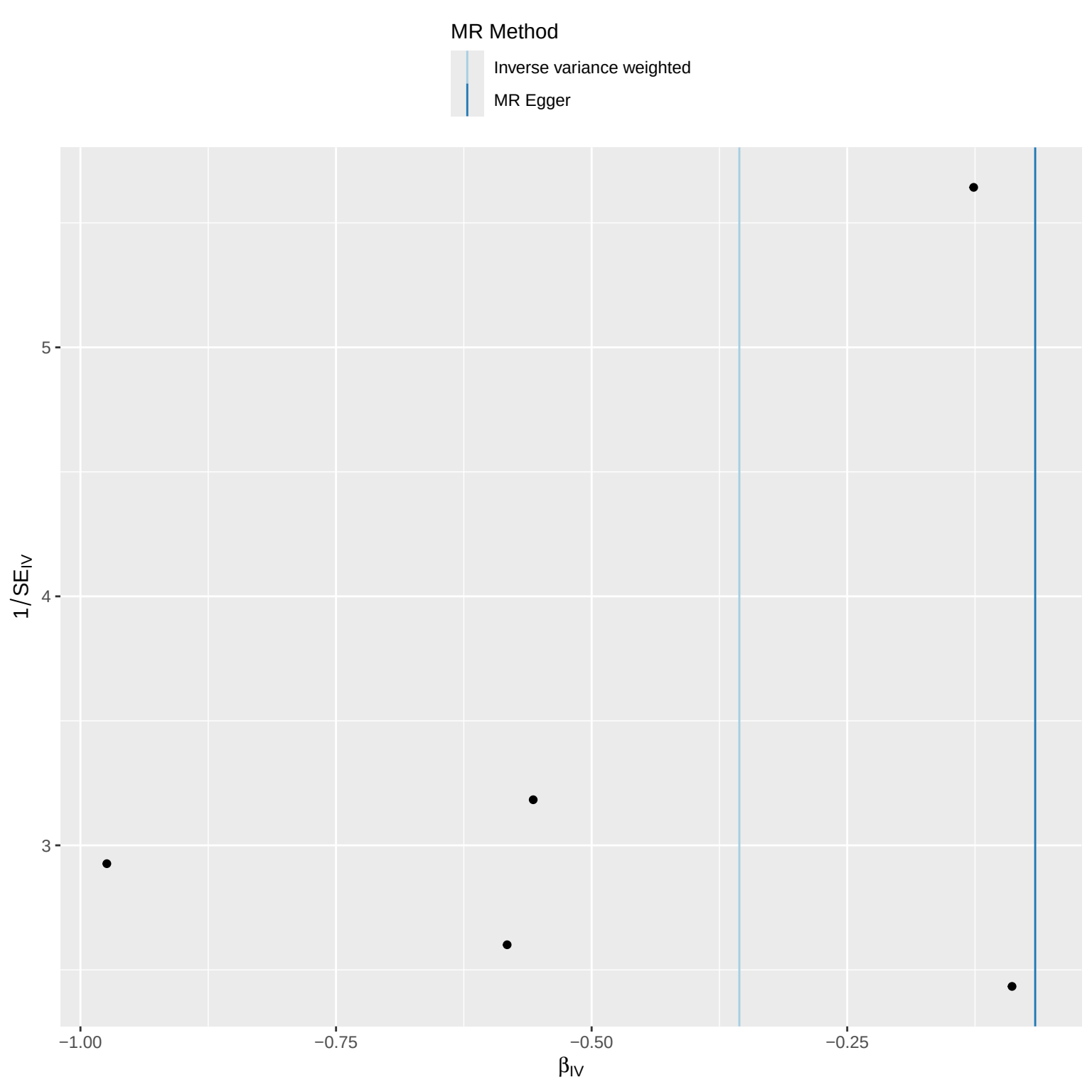

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
0
1
2
1/SE_IV
β_IV

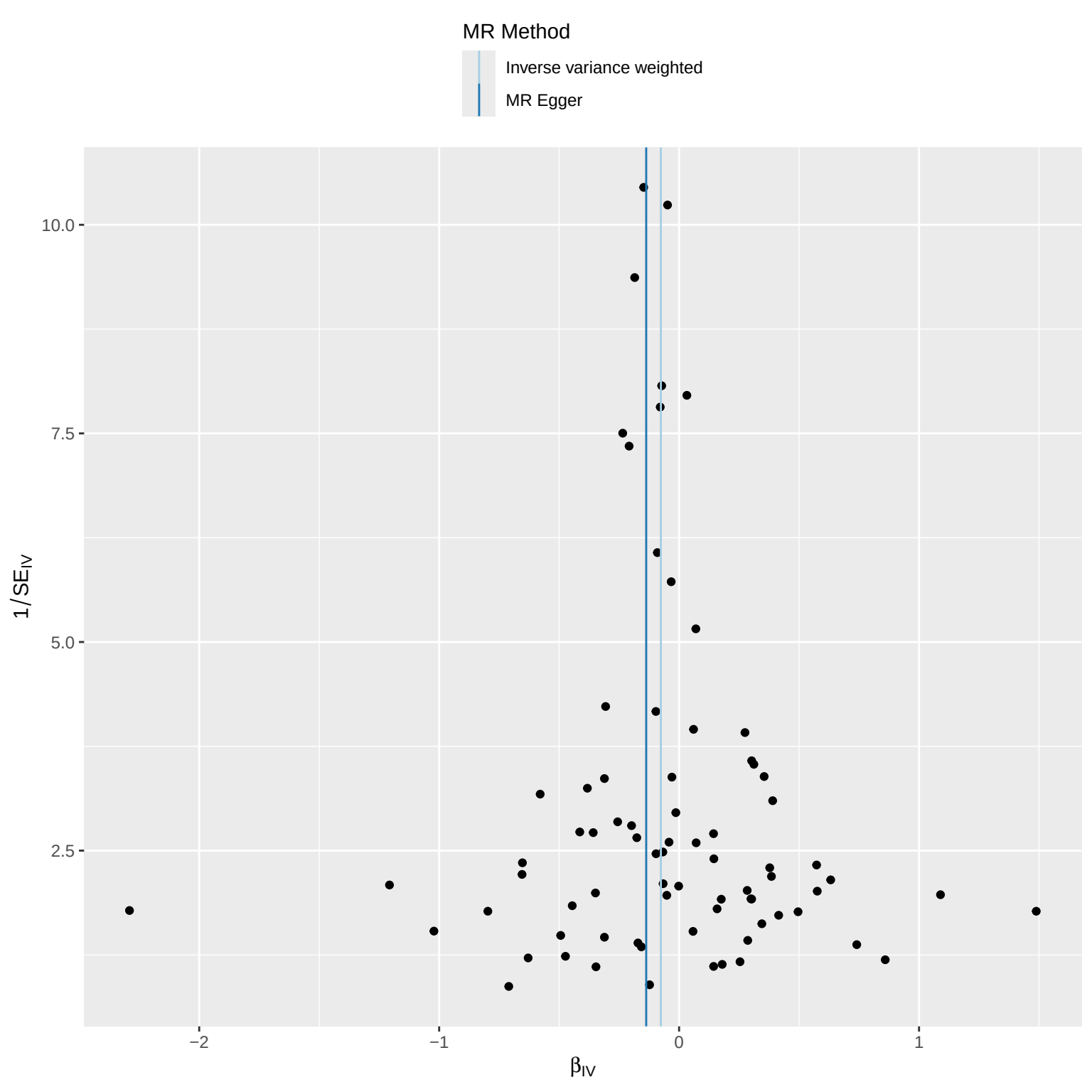

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

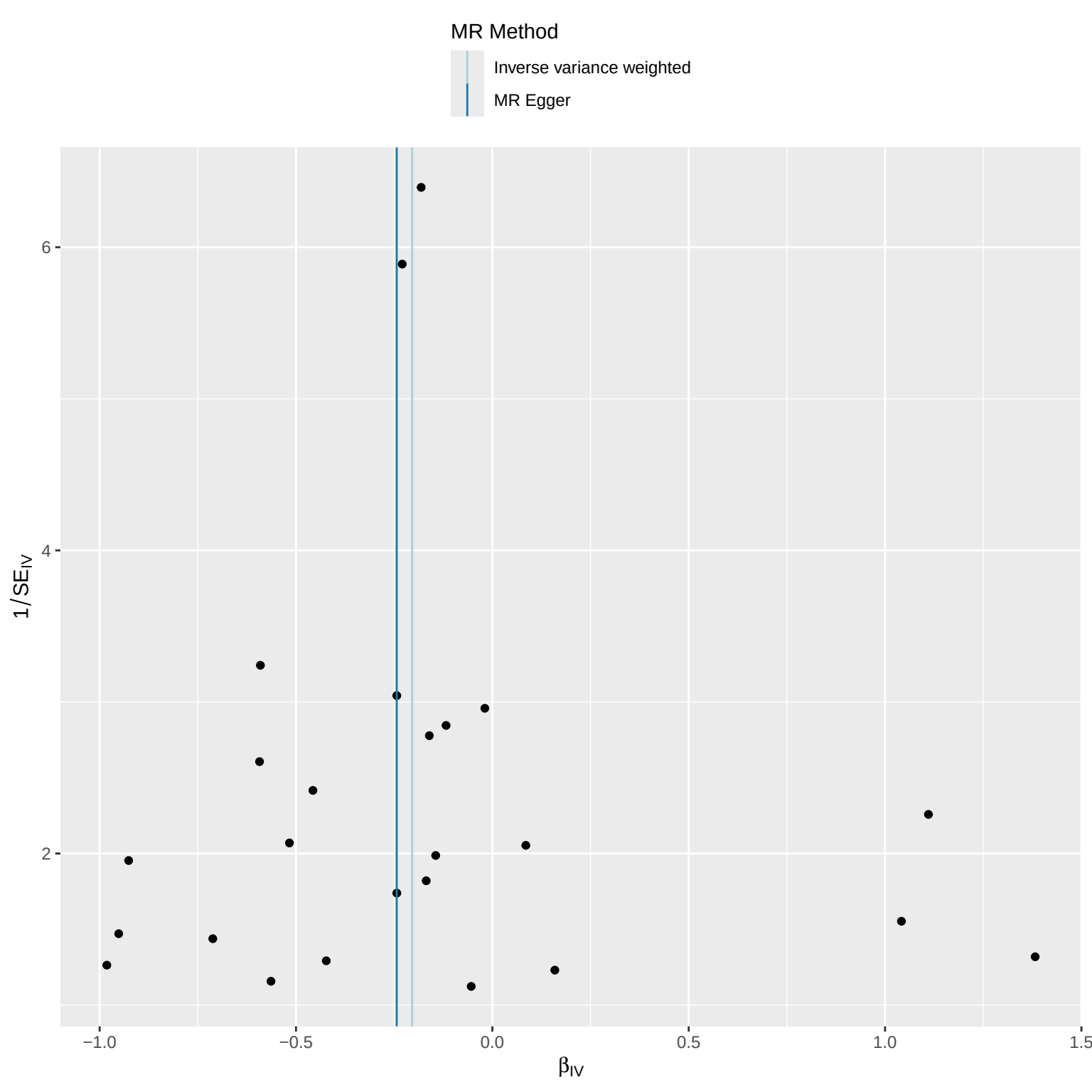

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

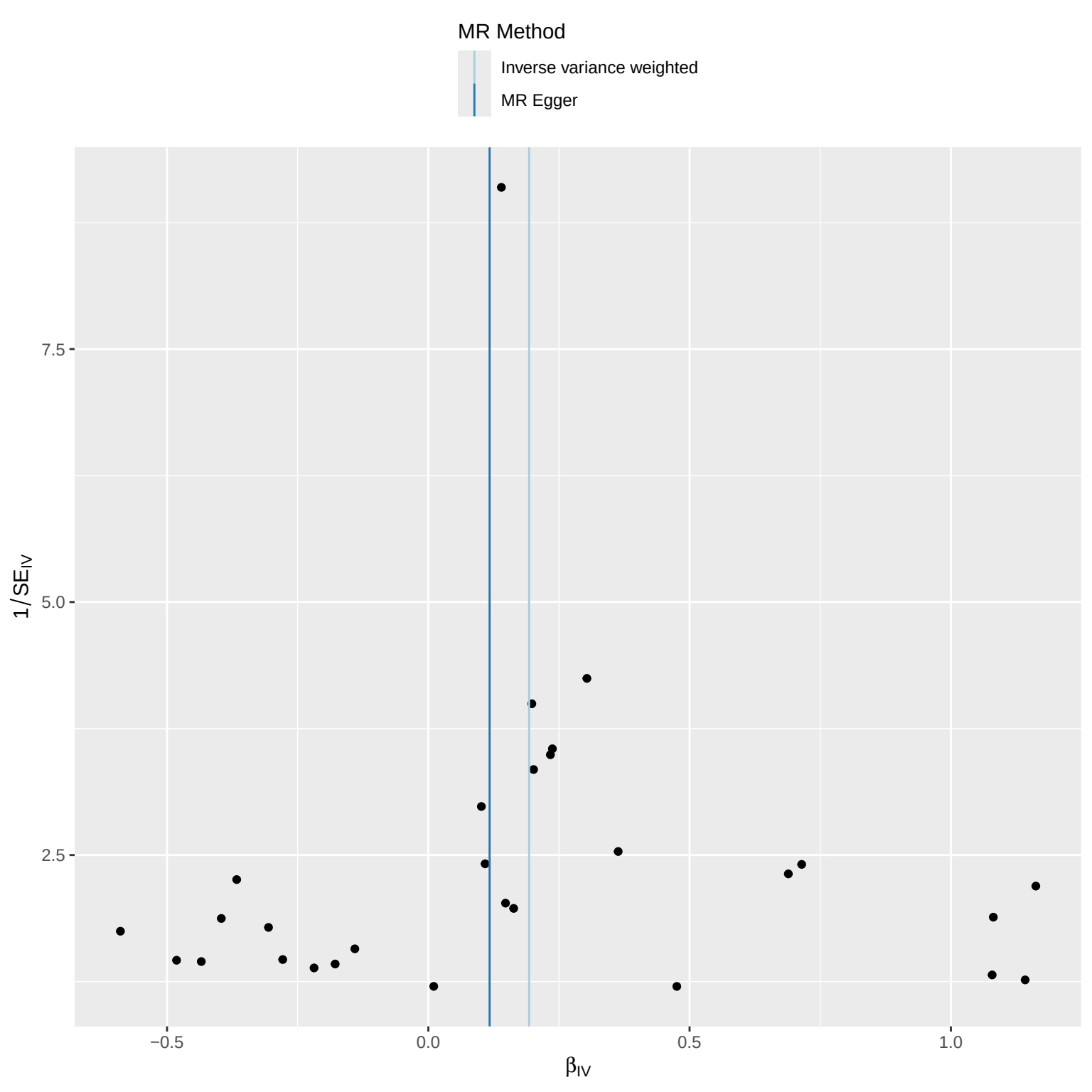

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

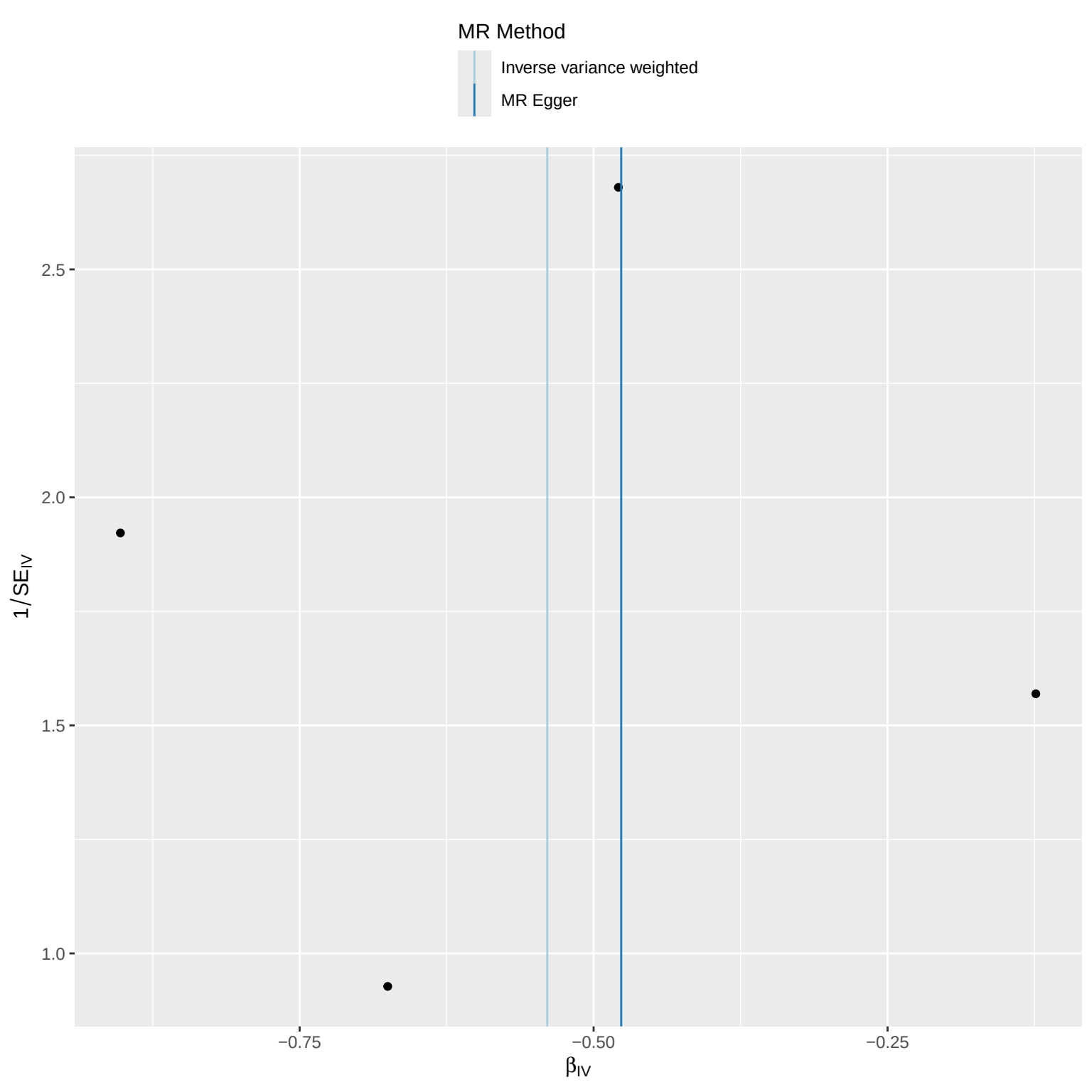

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

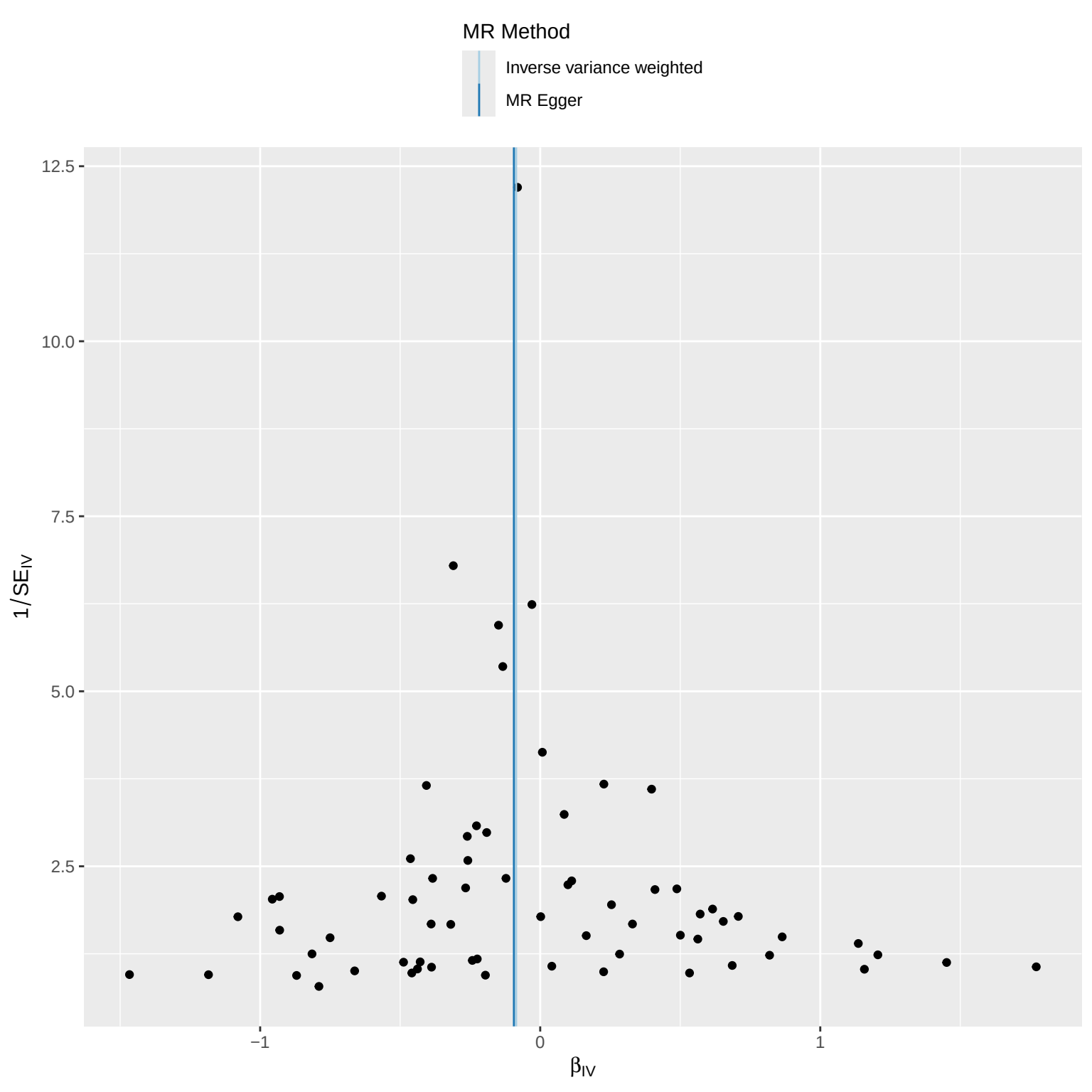

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
−1.00
−0.75
−0.50
−0.25
β_IV

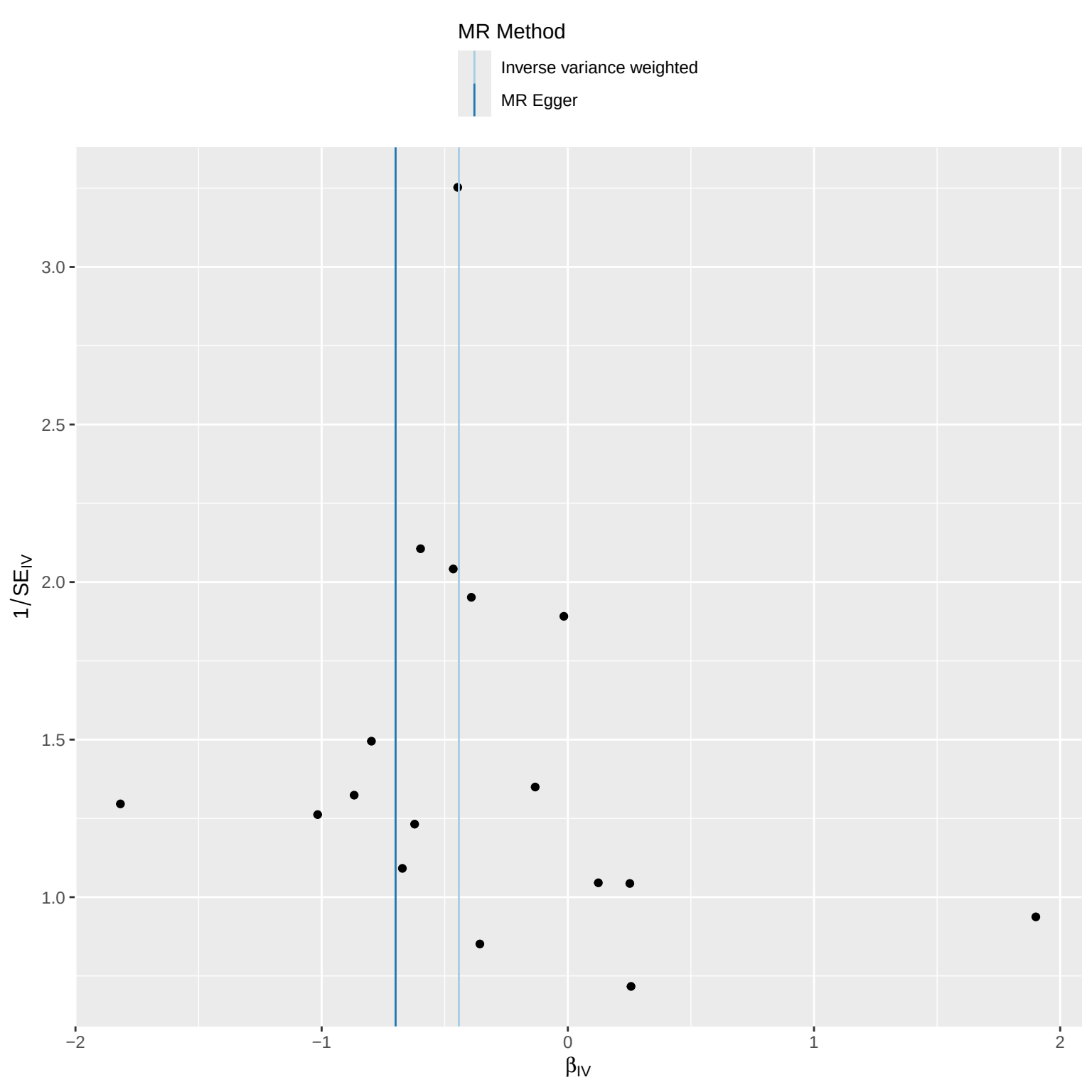

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

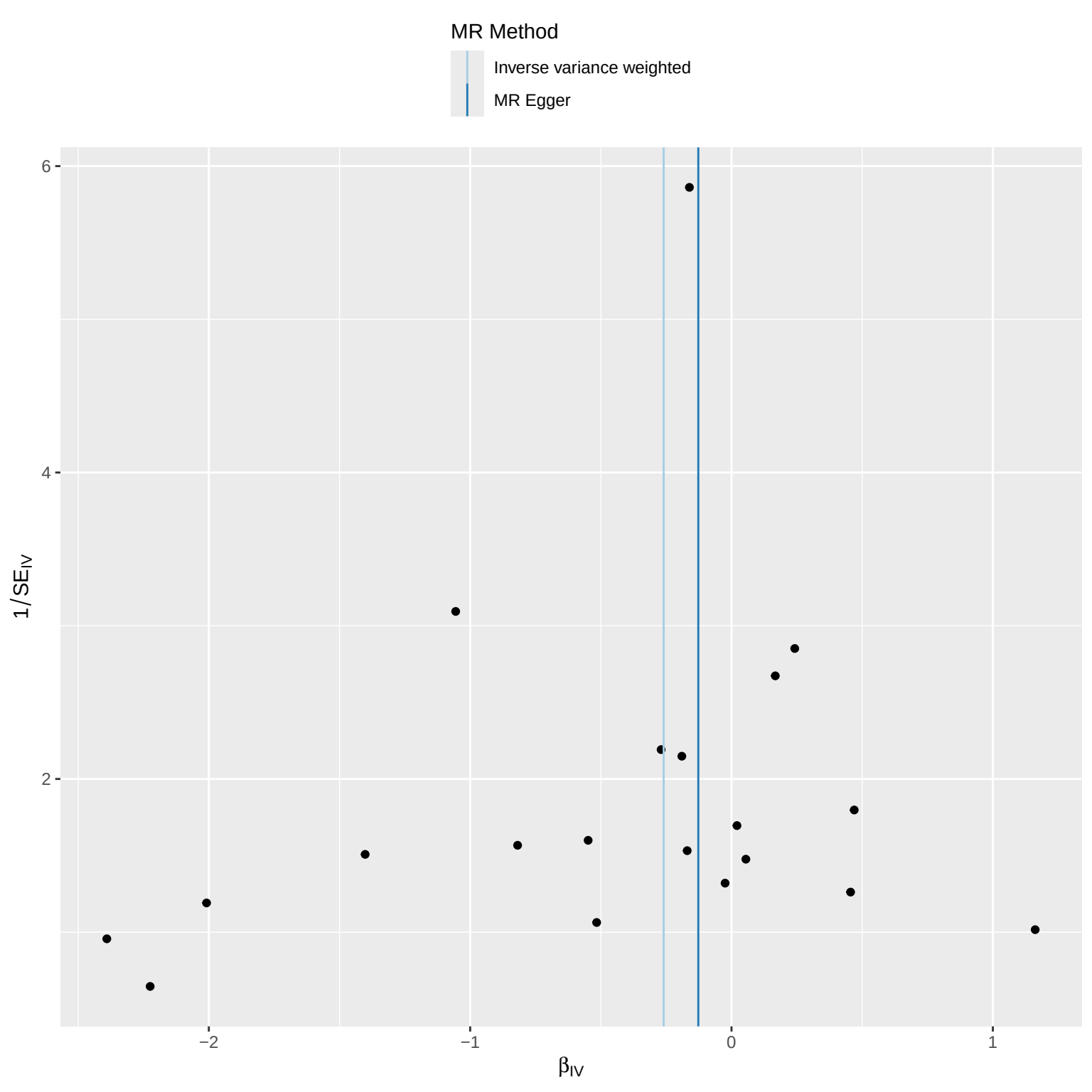

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

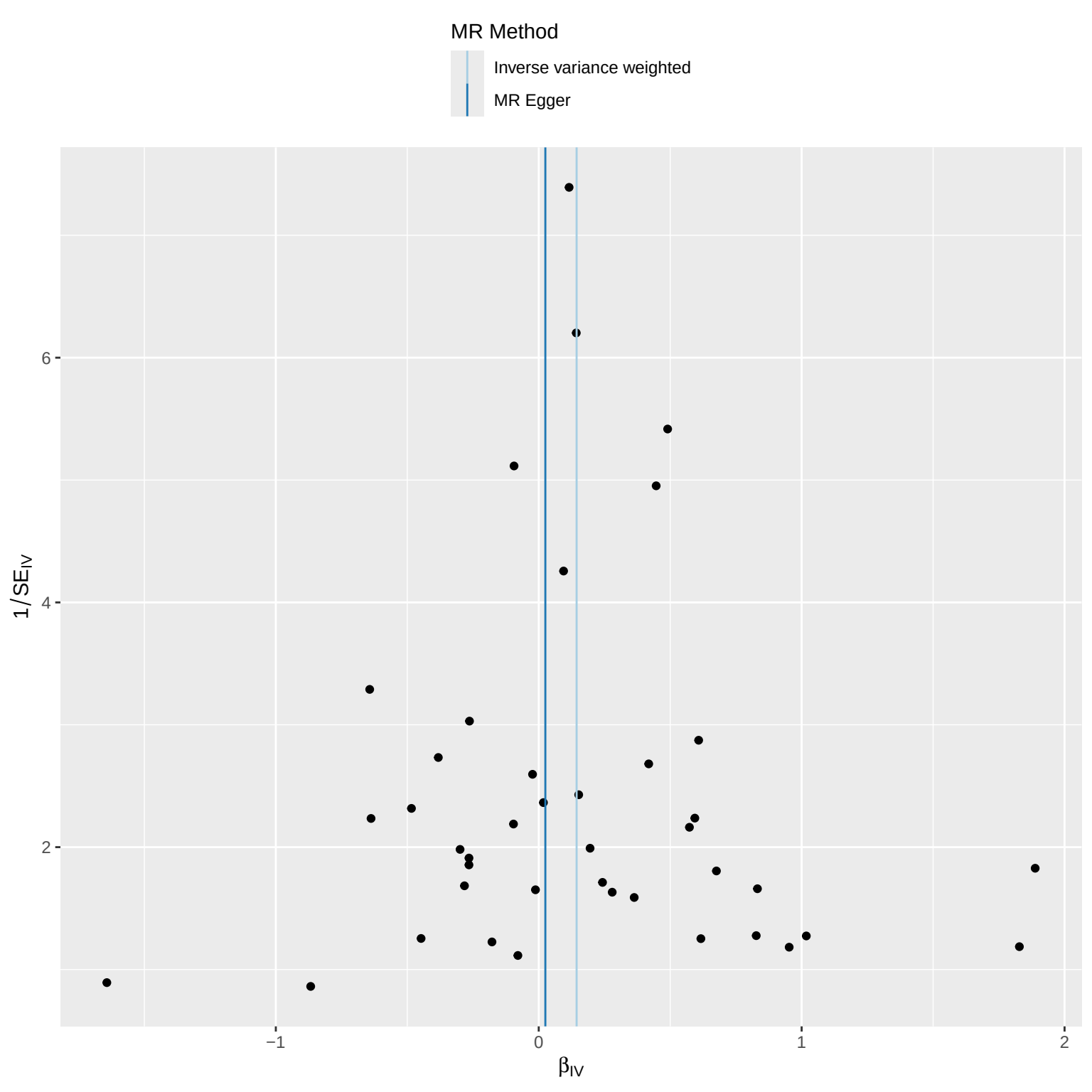

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

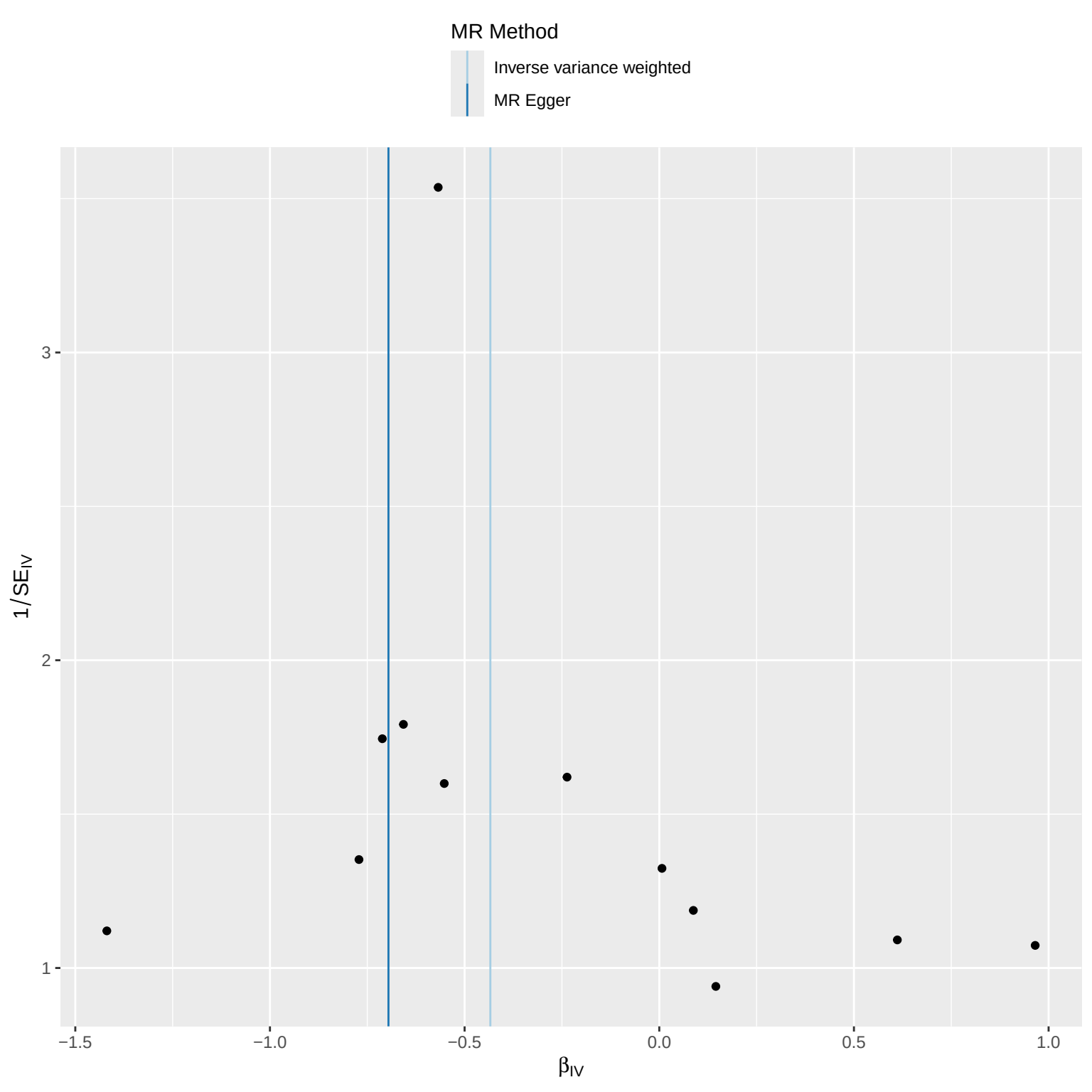

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.75
−0.50
−0.25
β_IV

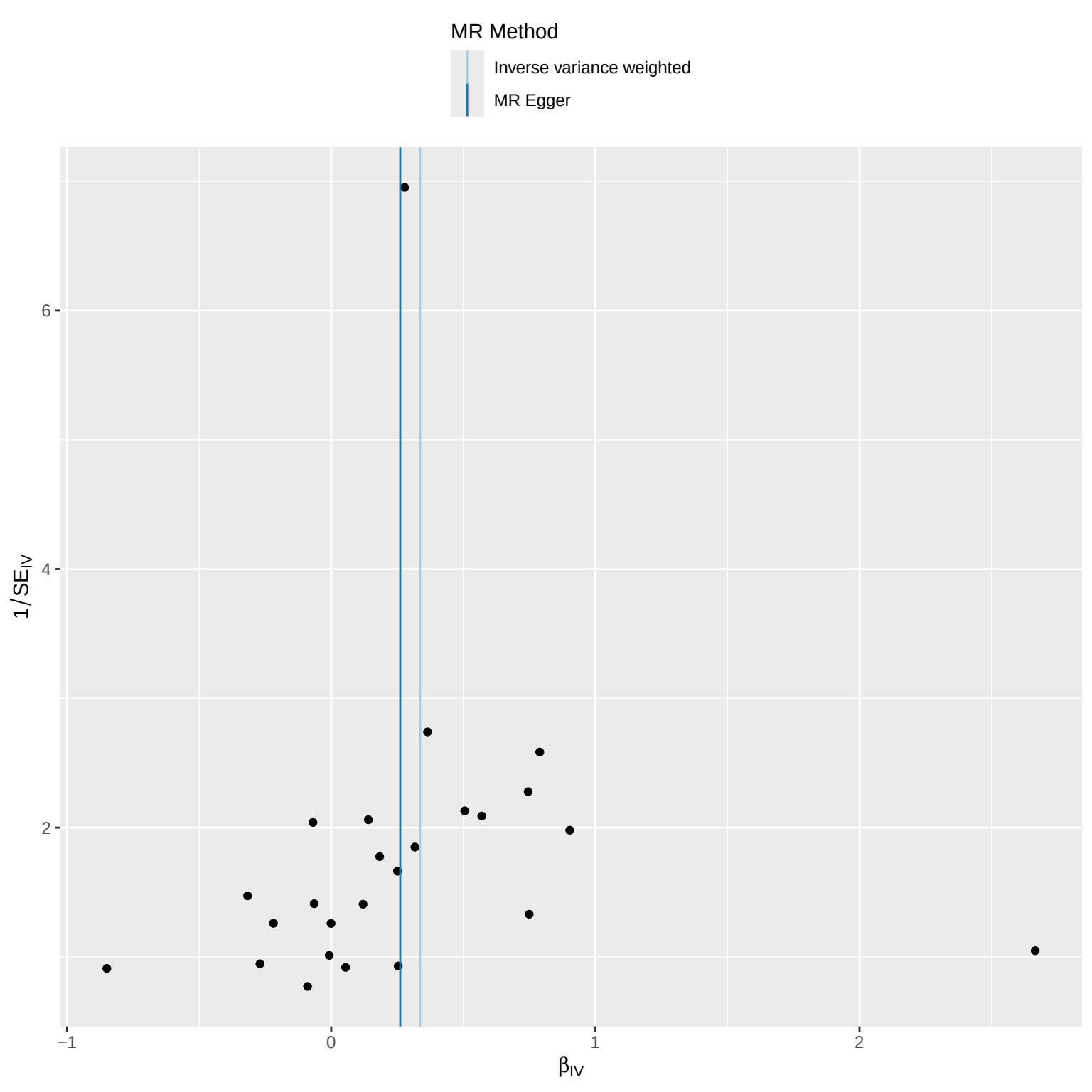

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

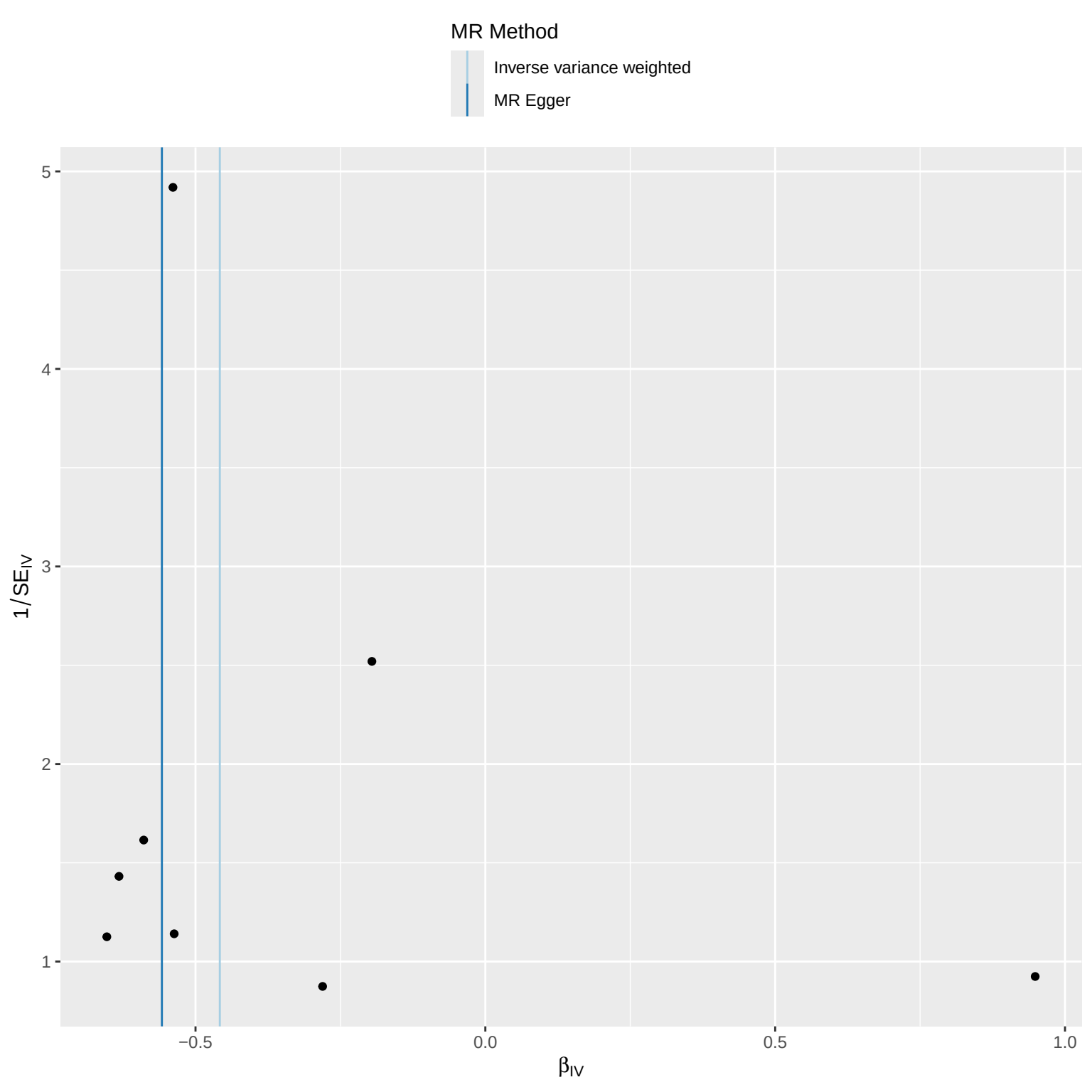

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
2
β_IV

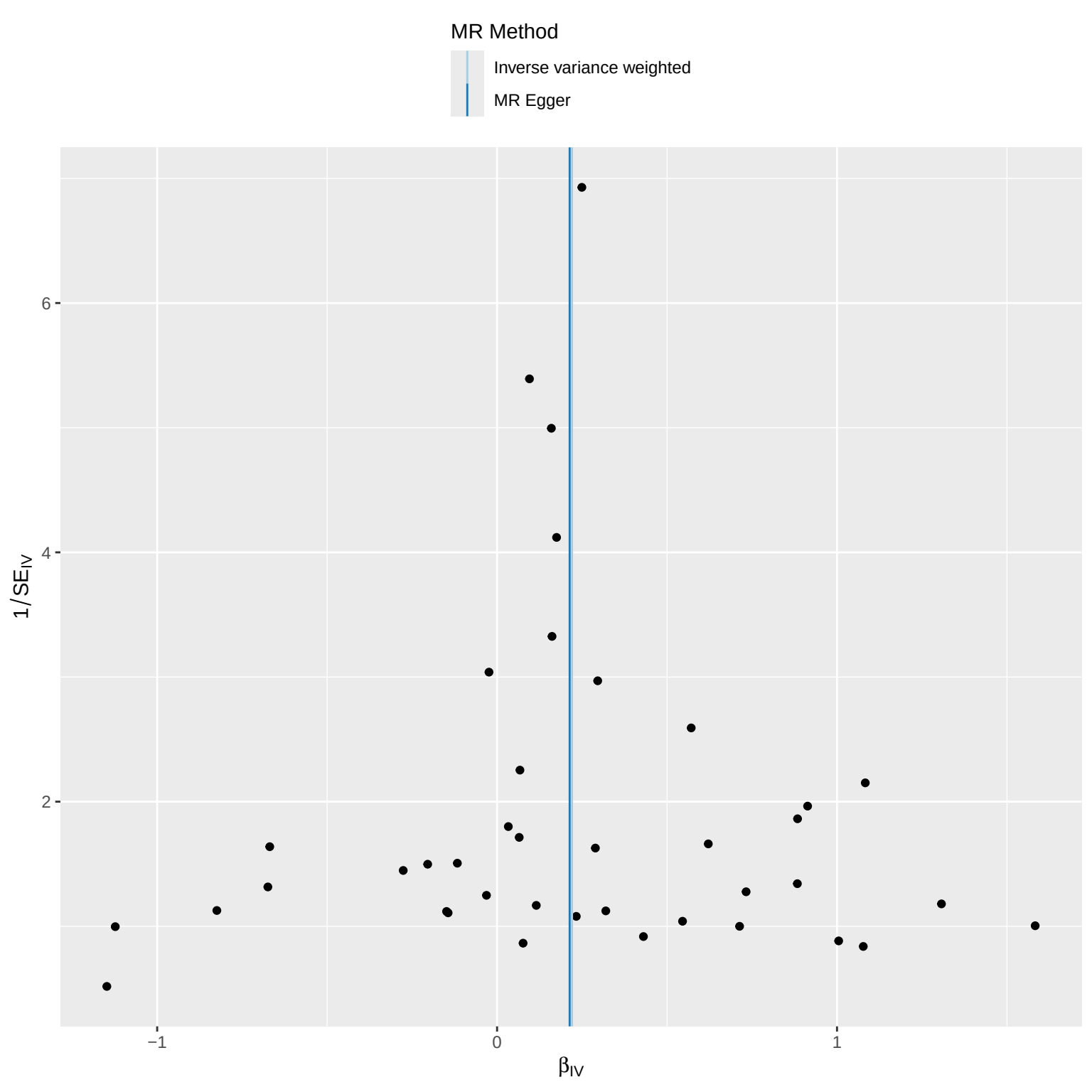

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

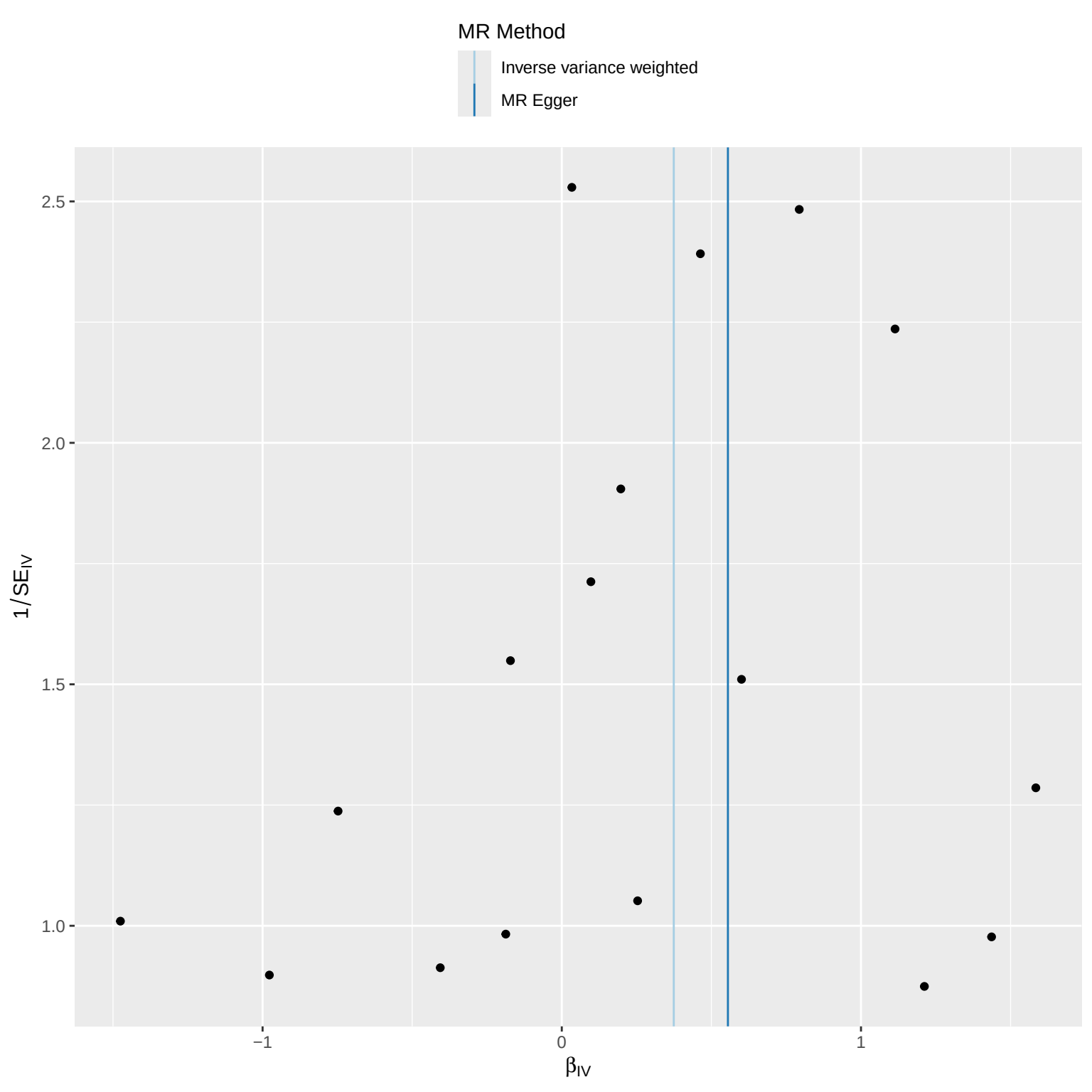

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

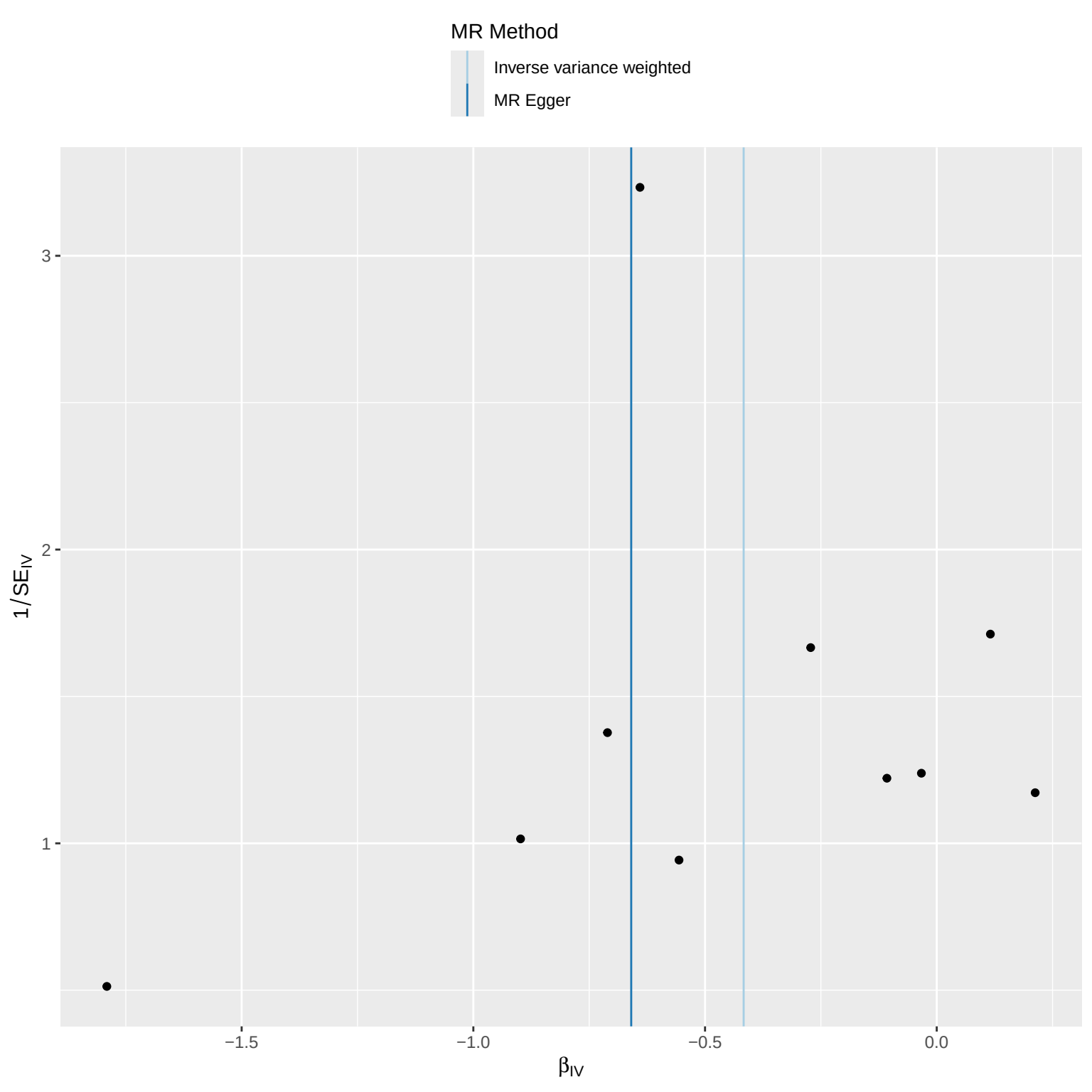

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

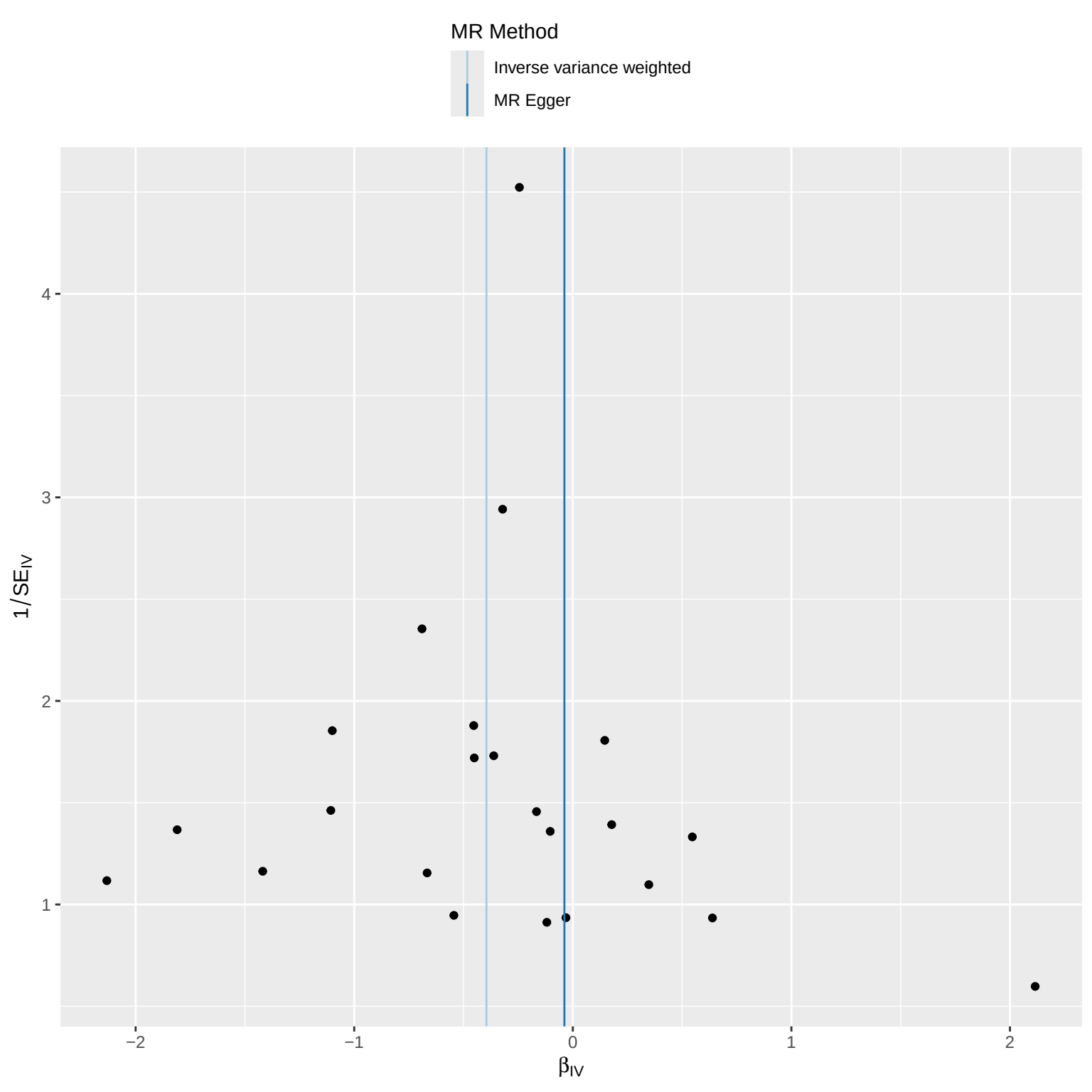

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

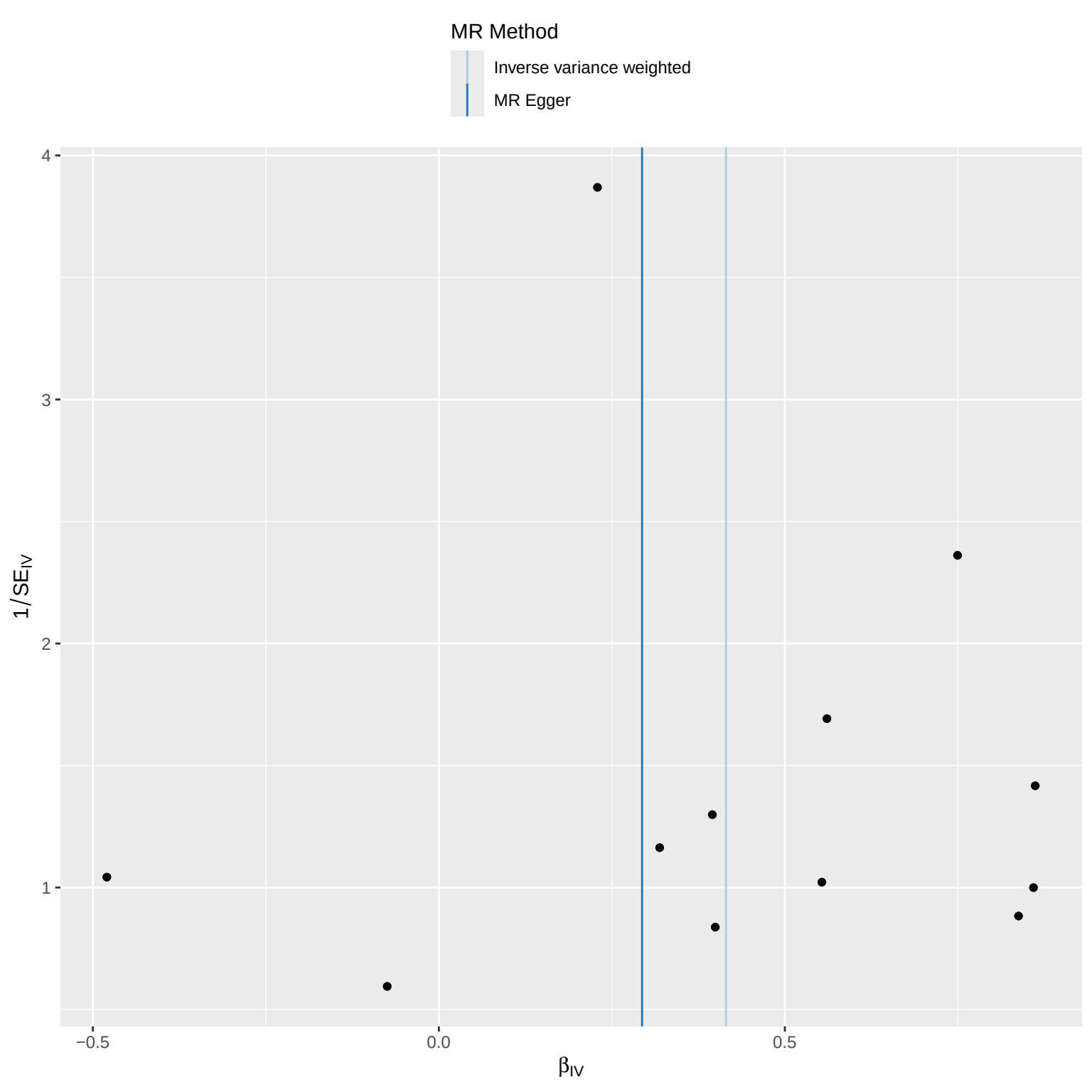

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

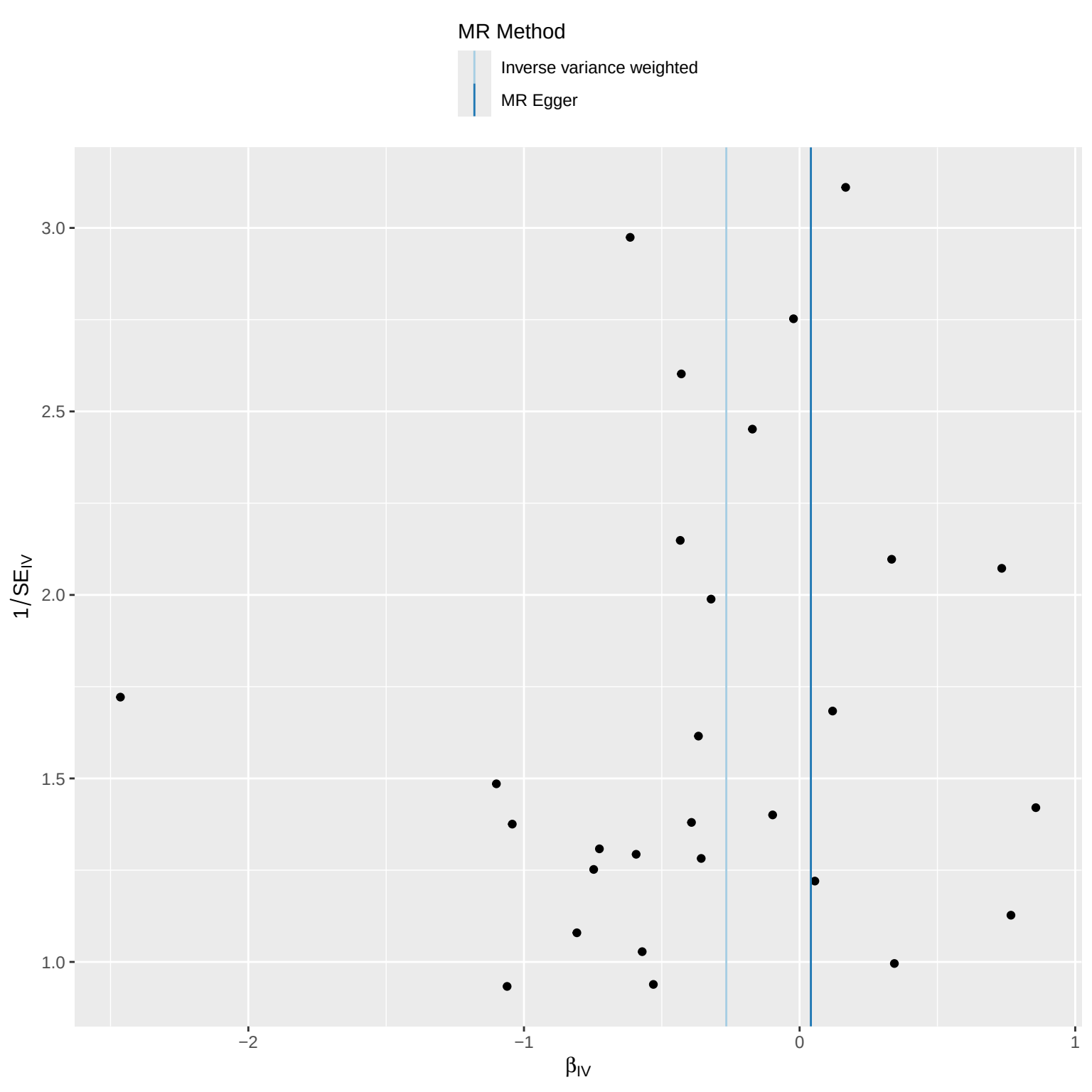

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

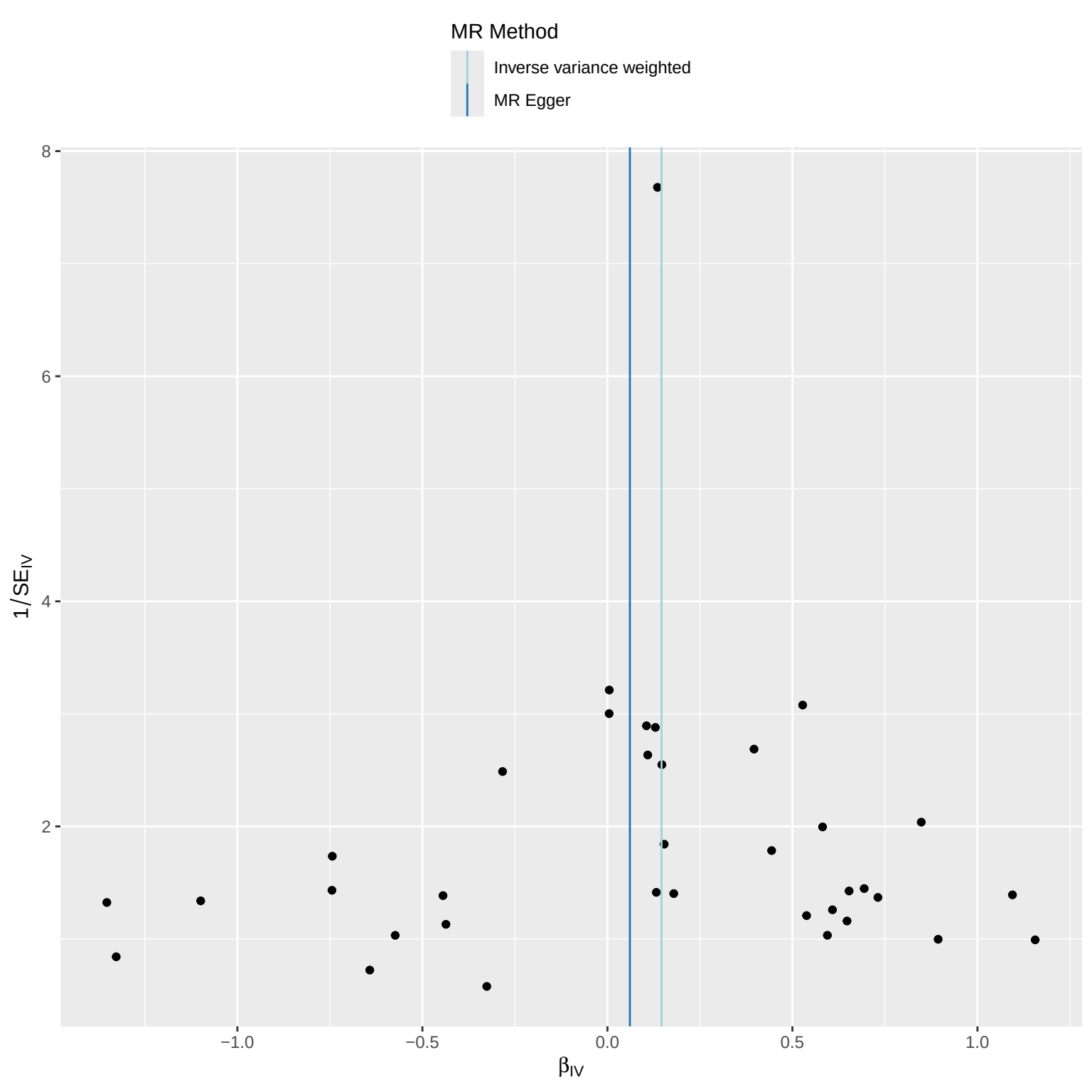

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

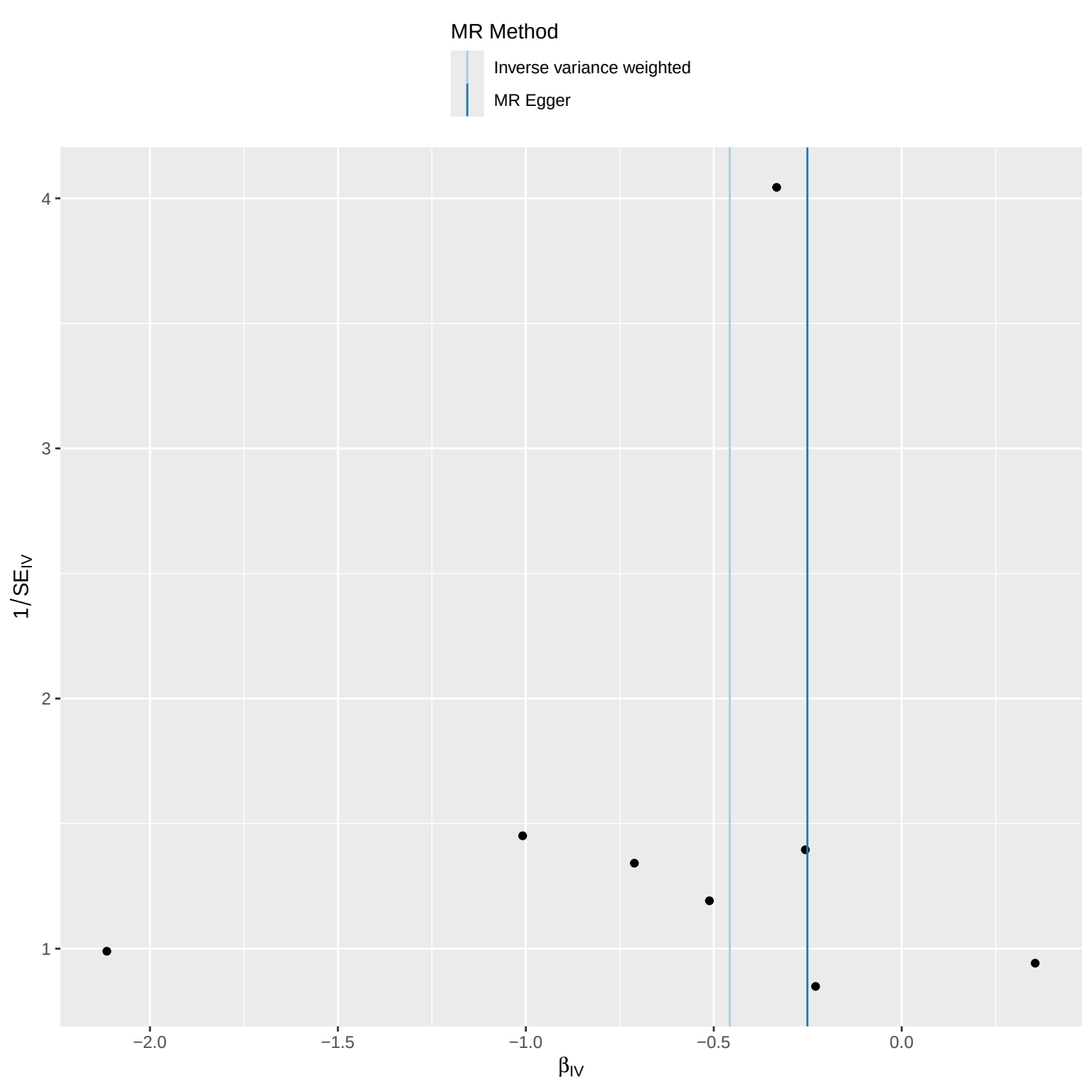

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

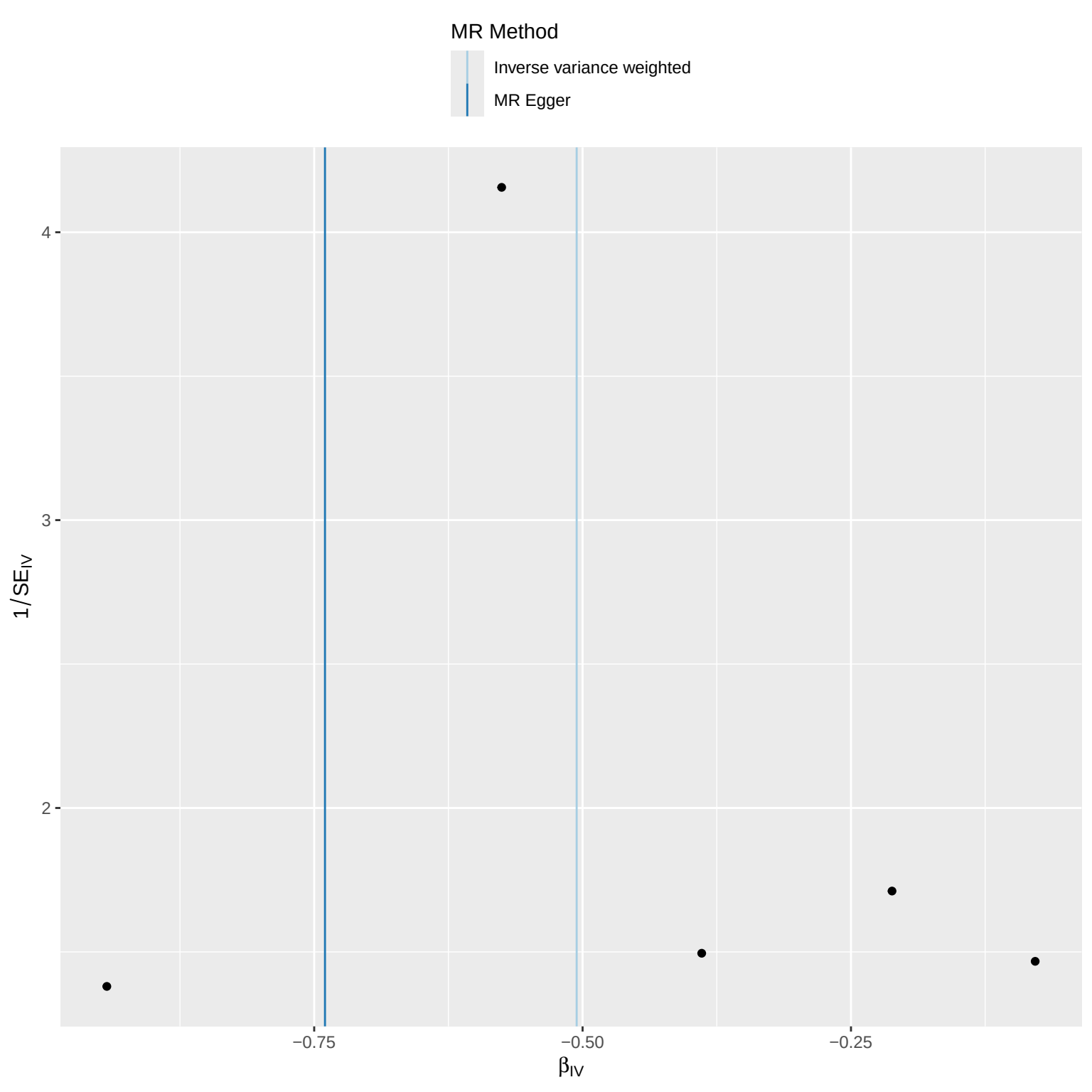

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

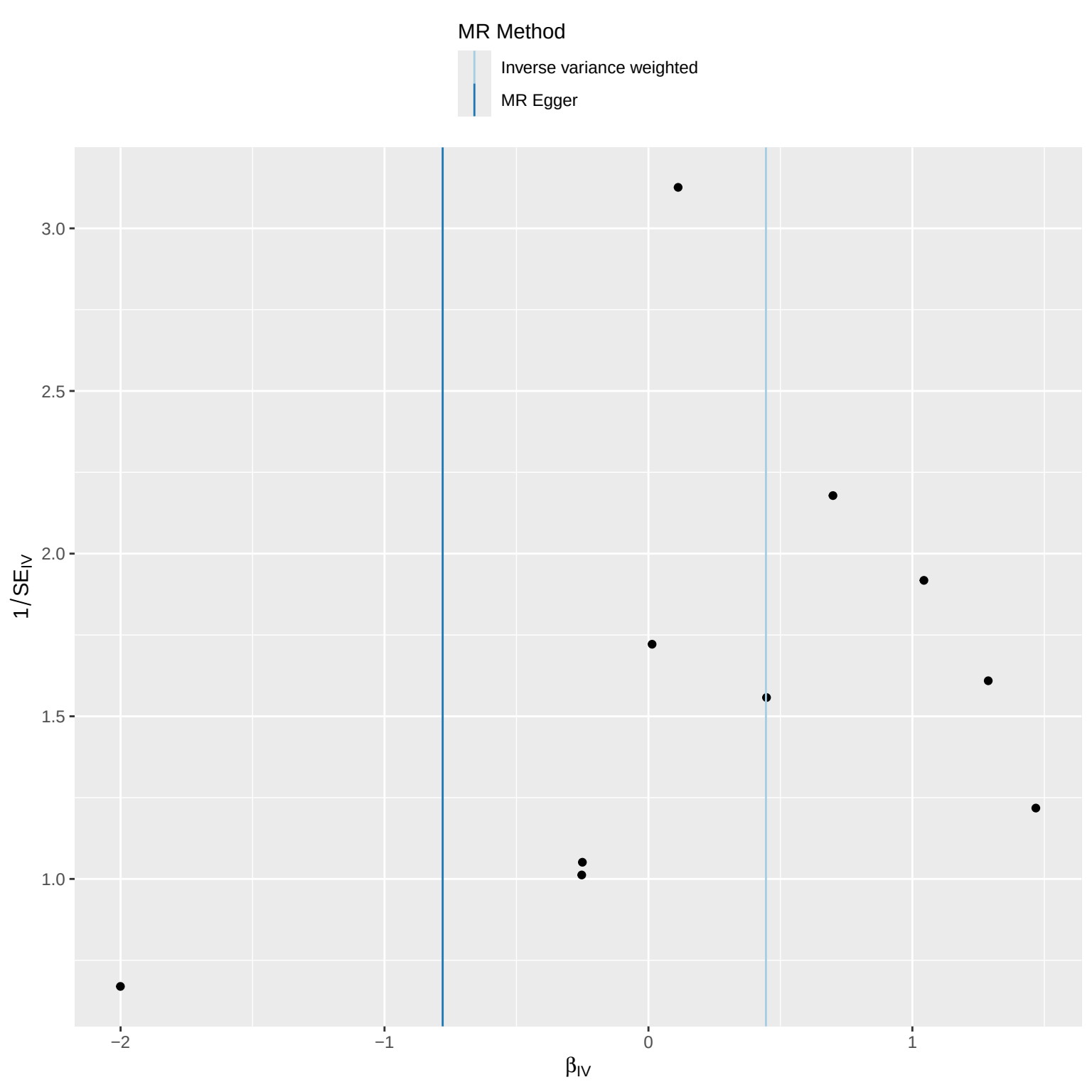

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
β_IV

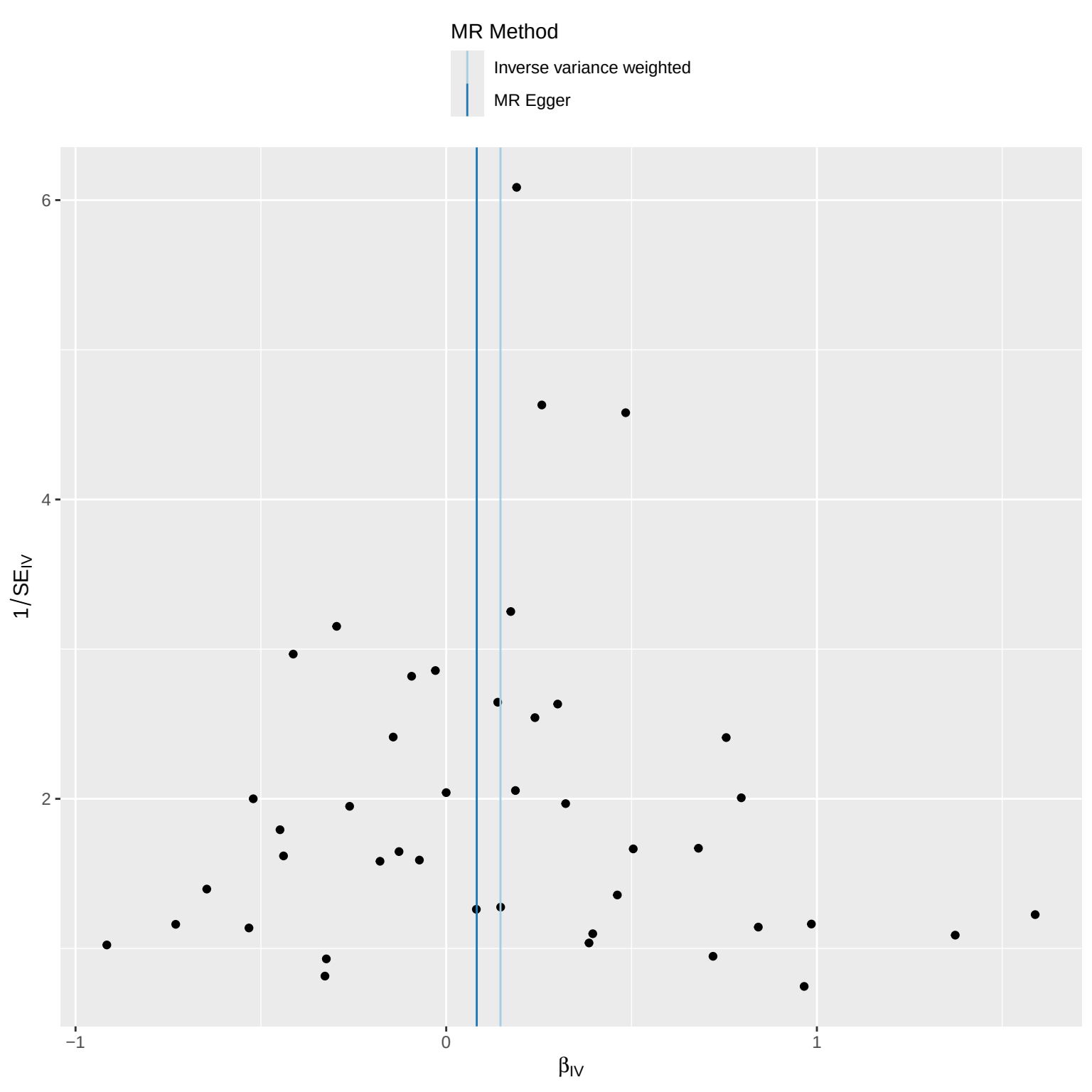

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

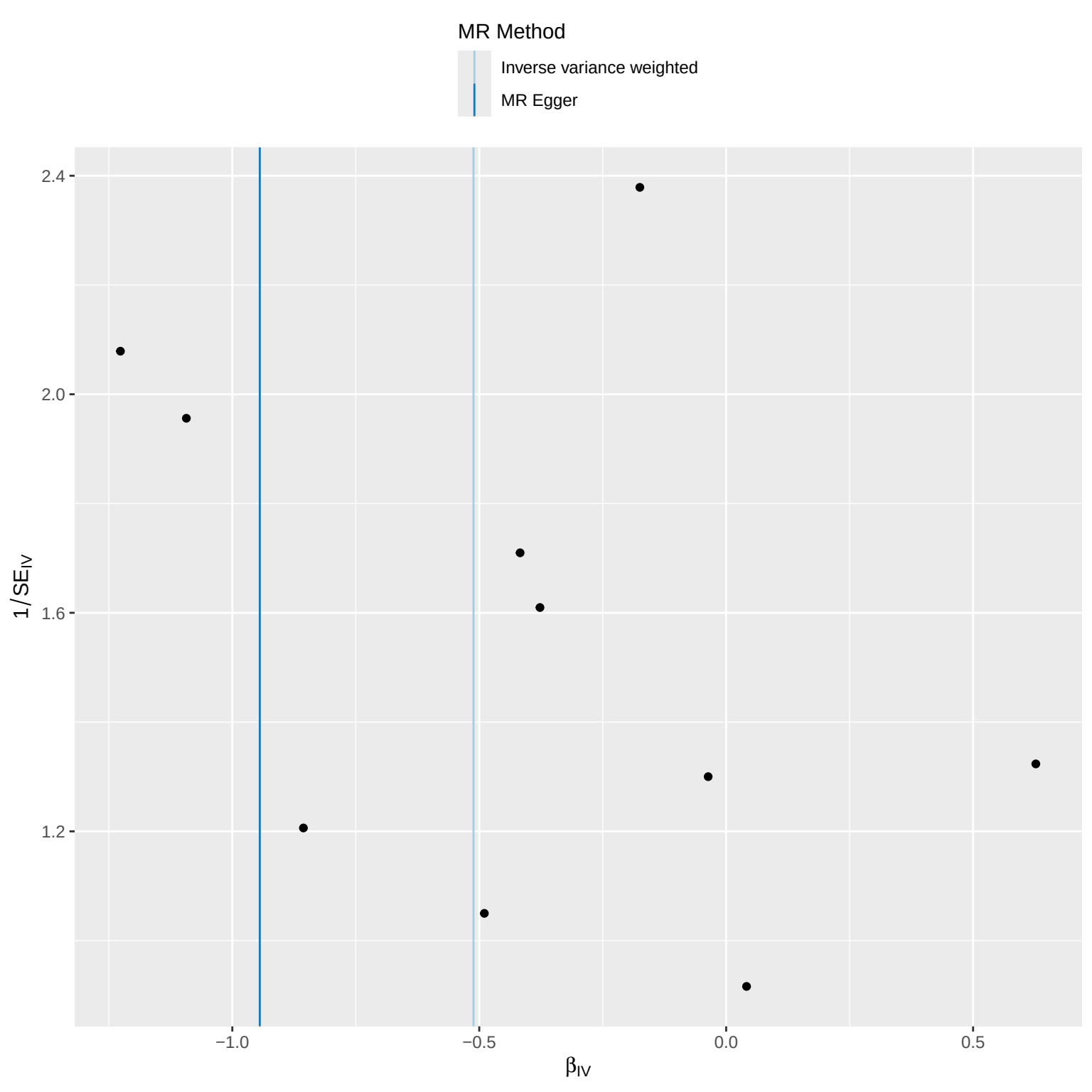

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

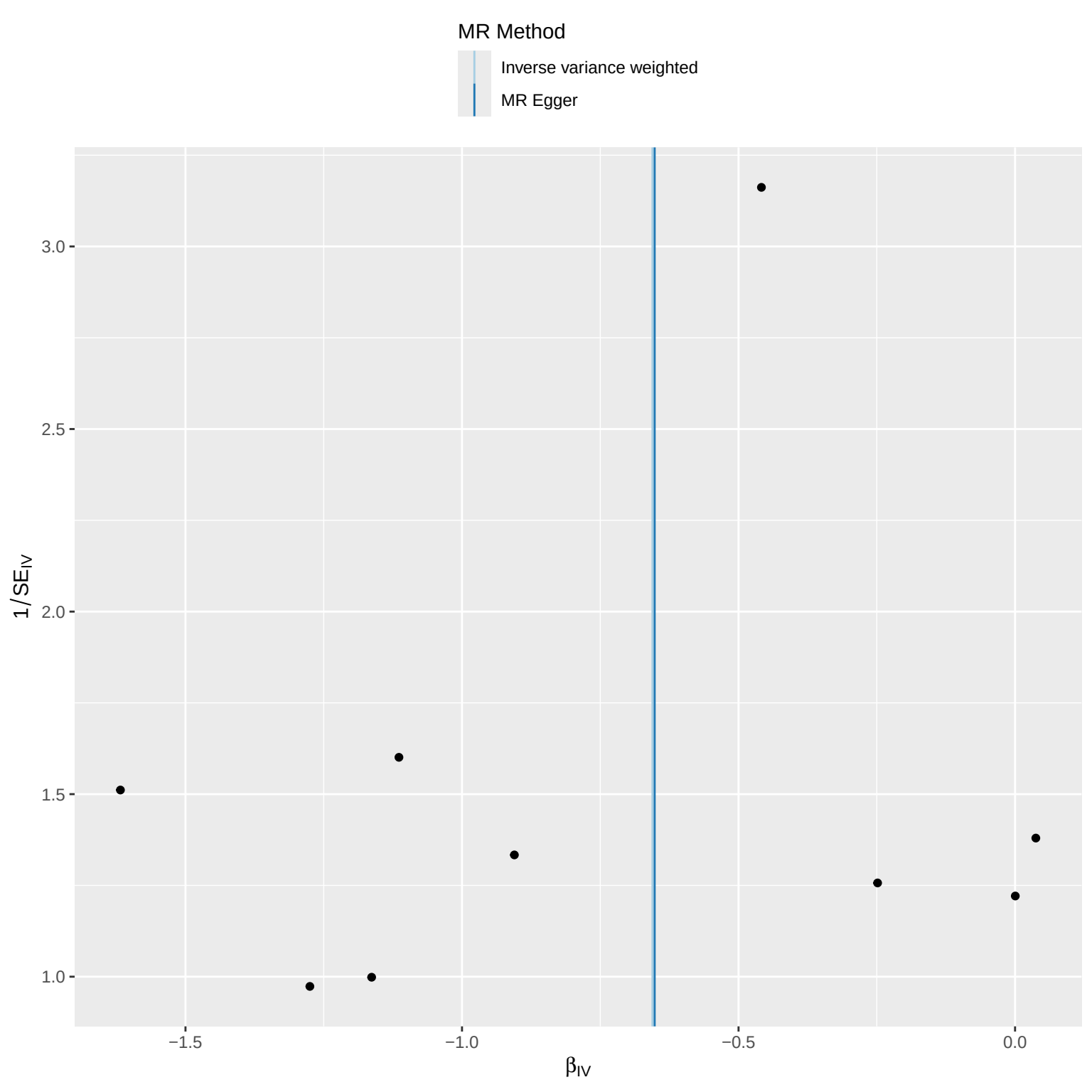

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

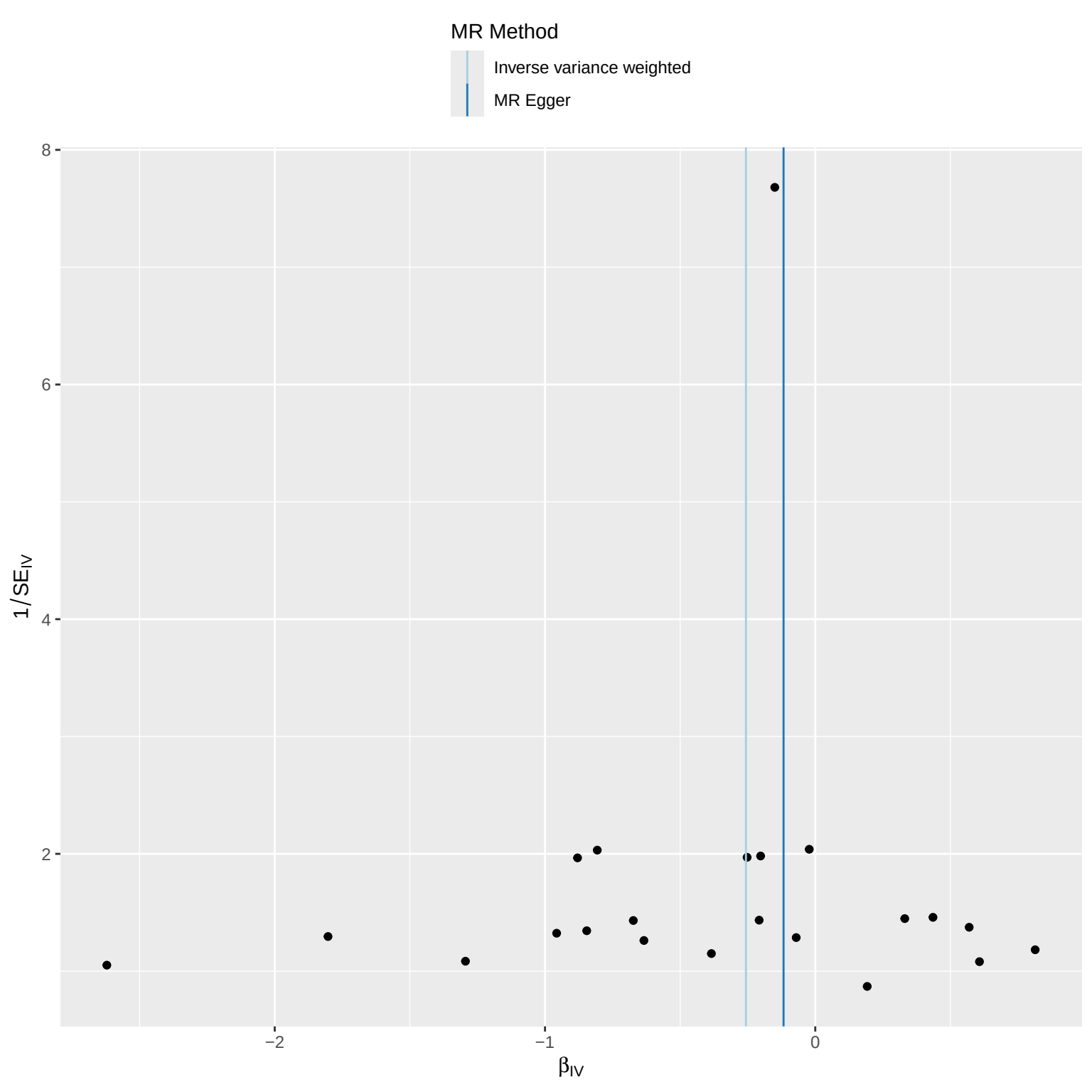

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.75
−0.50
−0.25
β_IV

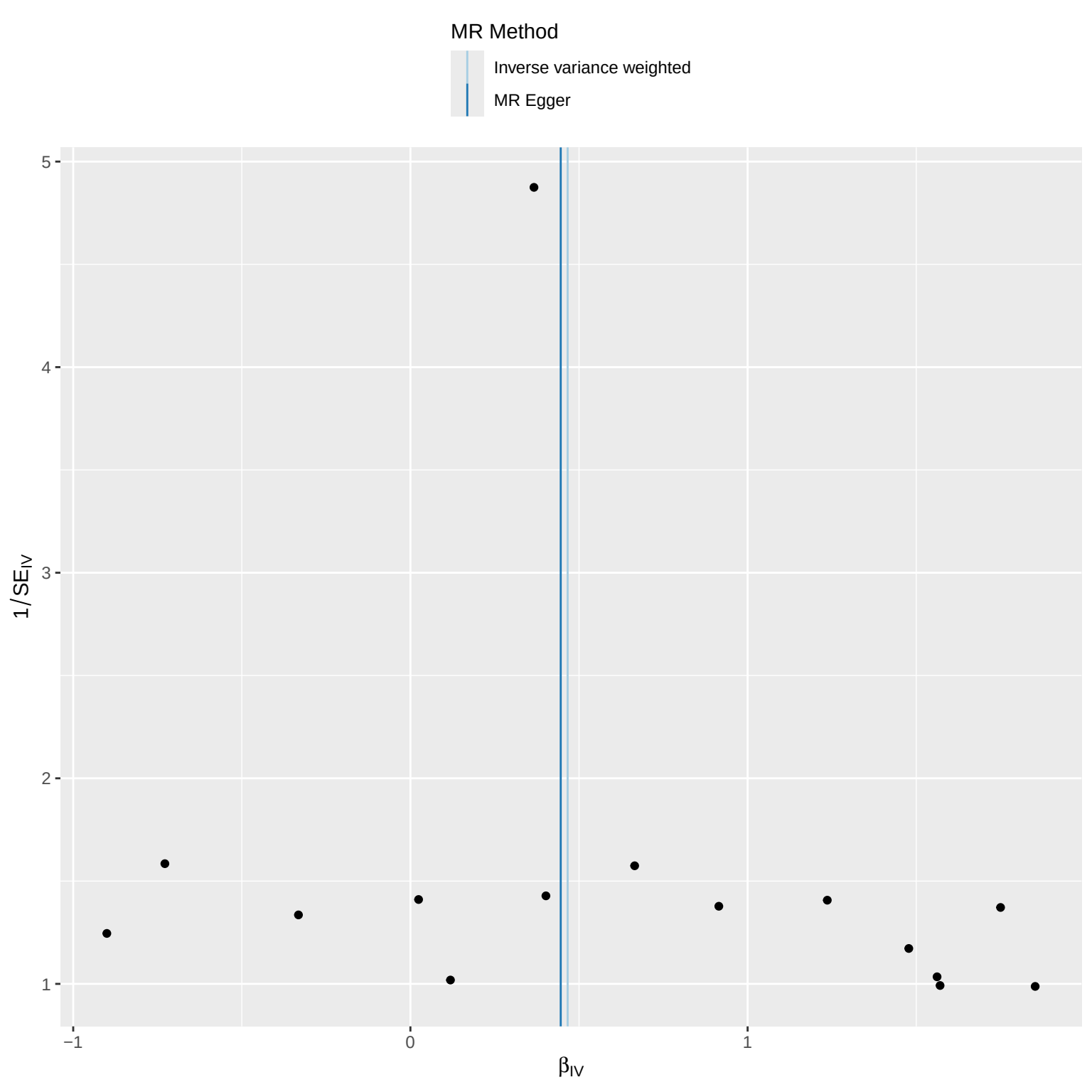

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

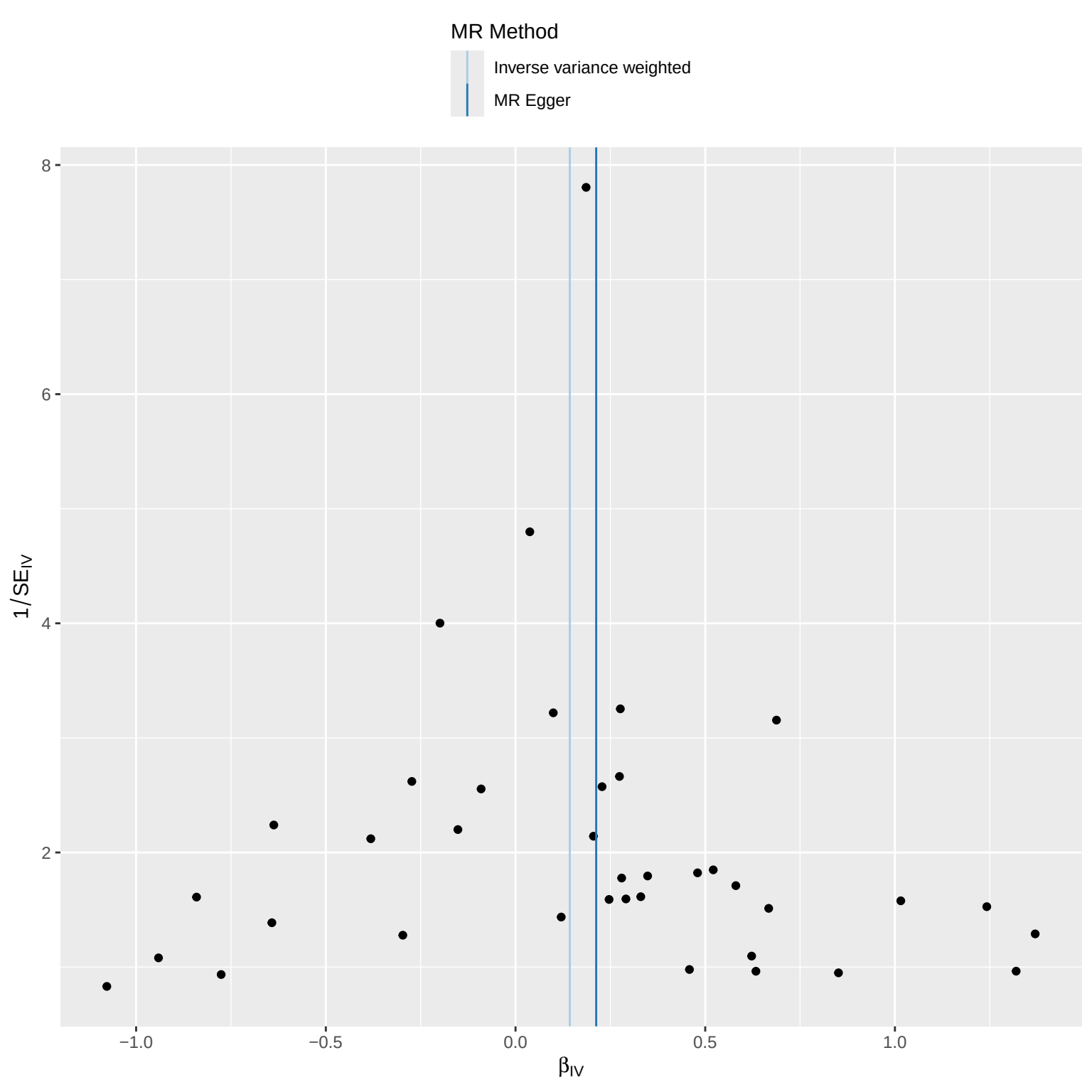

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

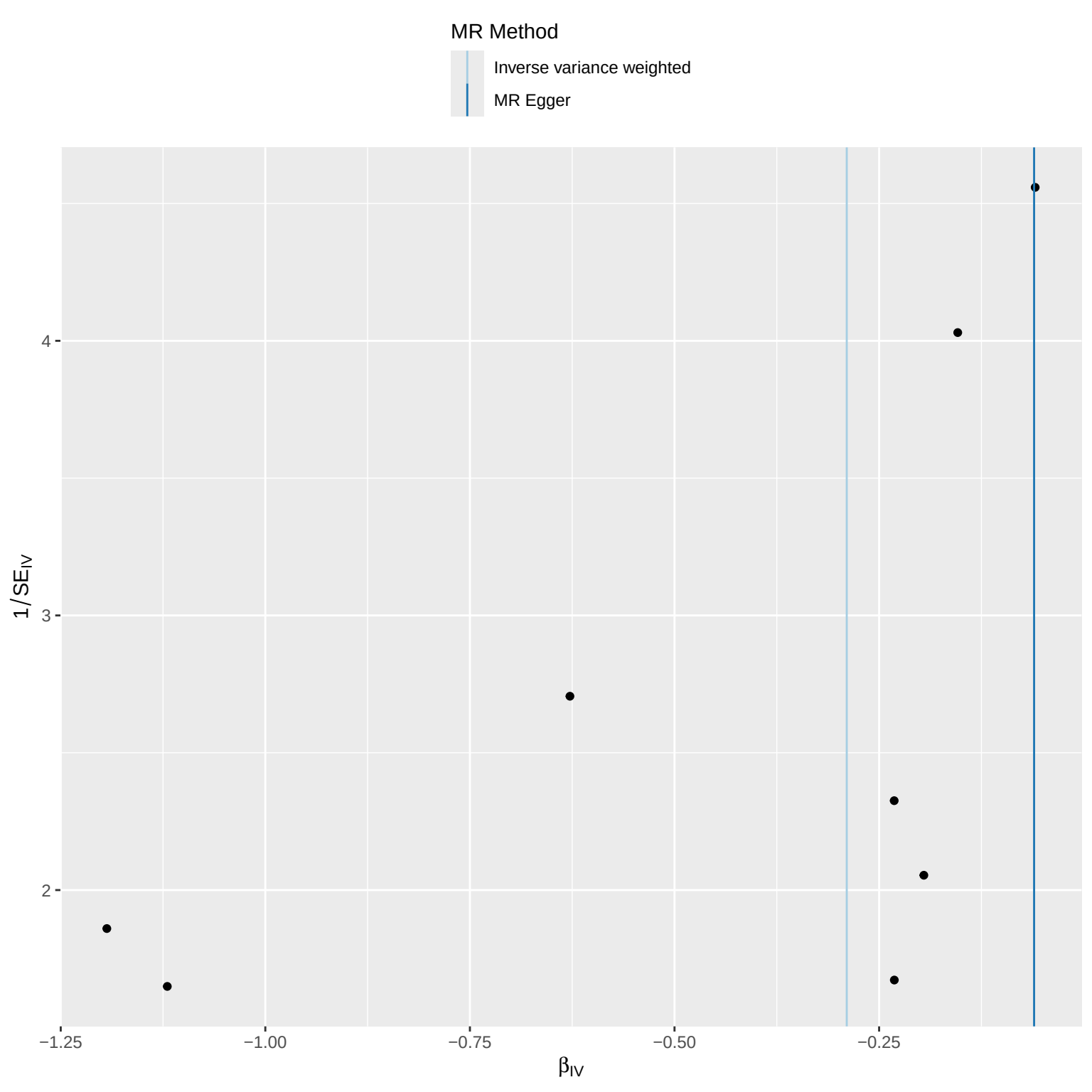

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

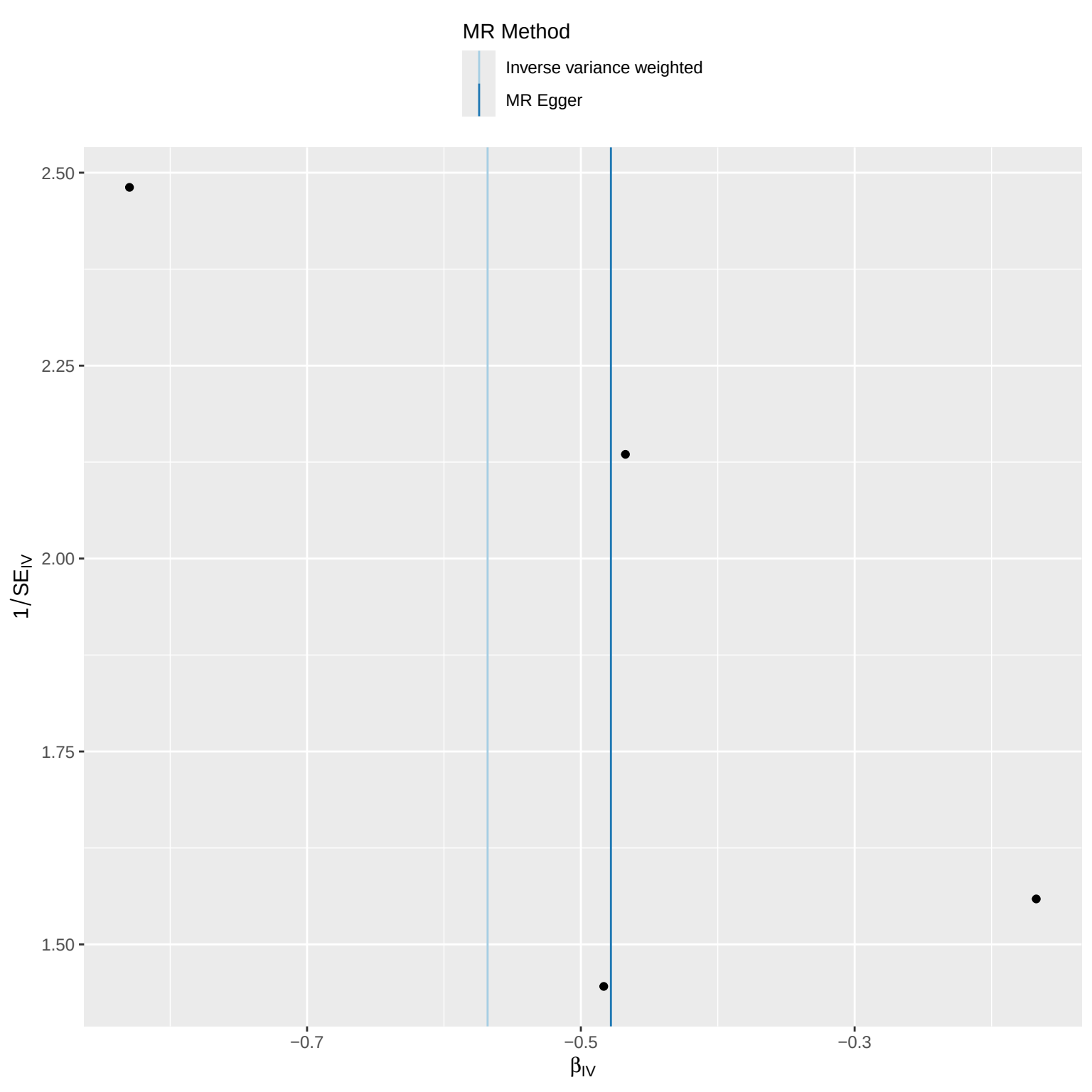

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

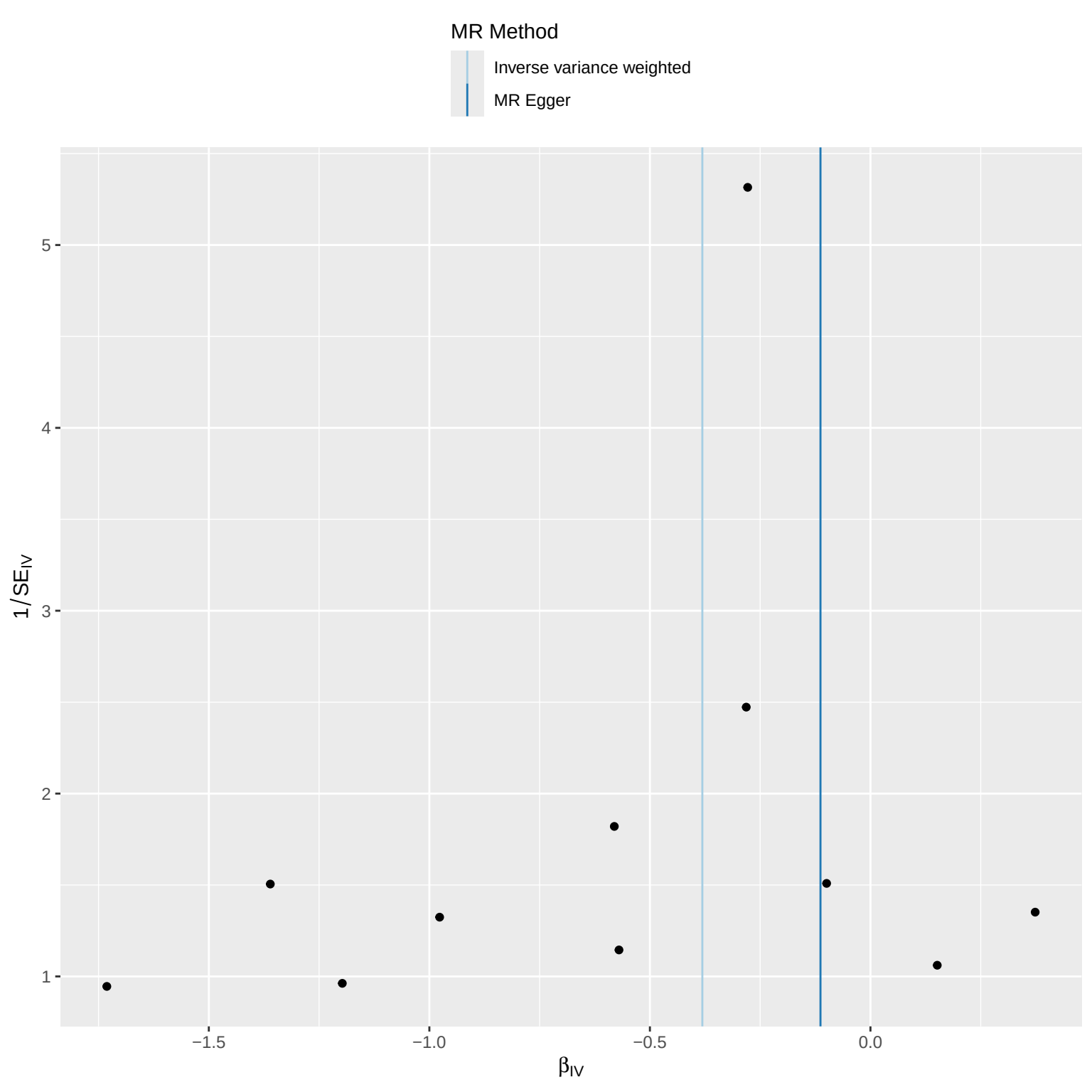

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
β_IV

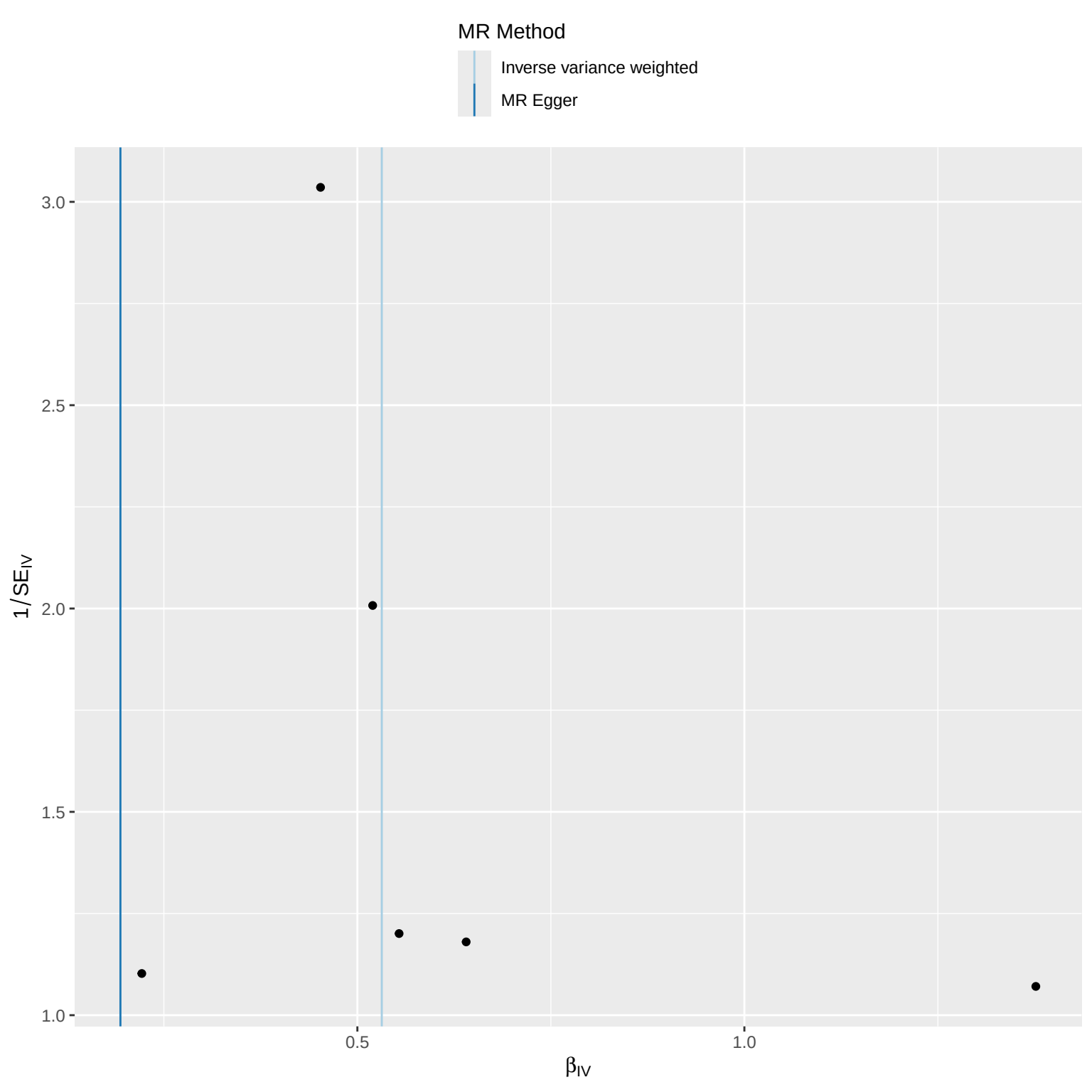

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

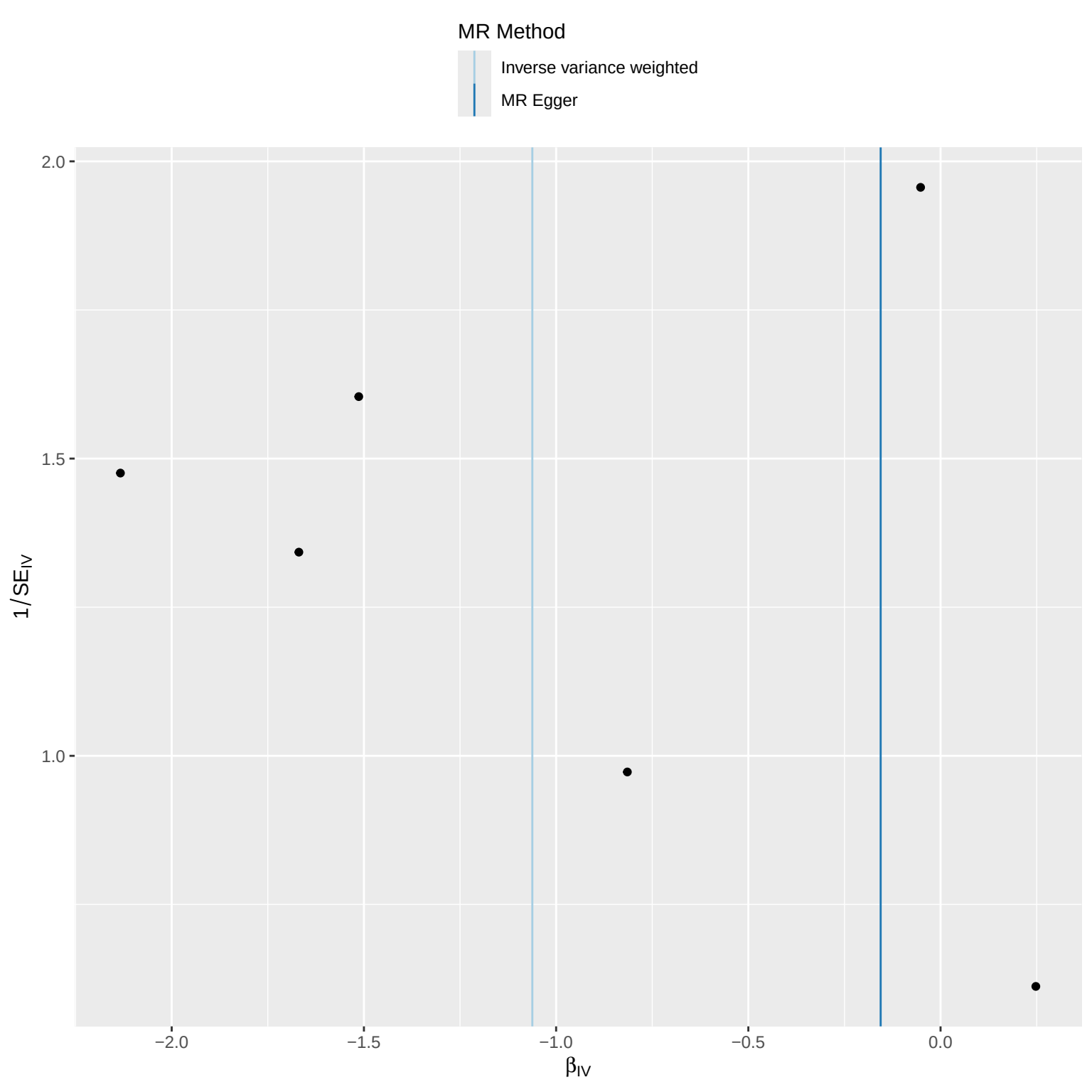

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

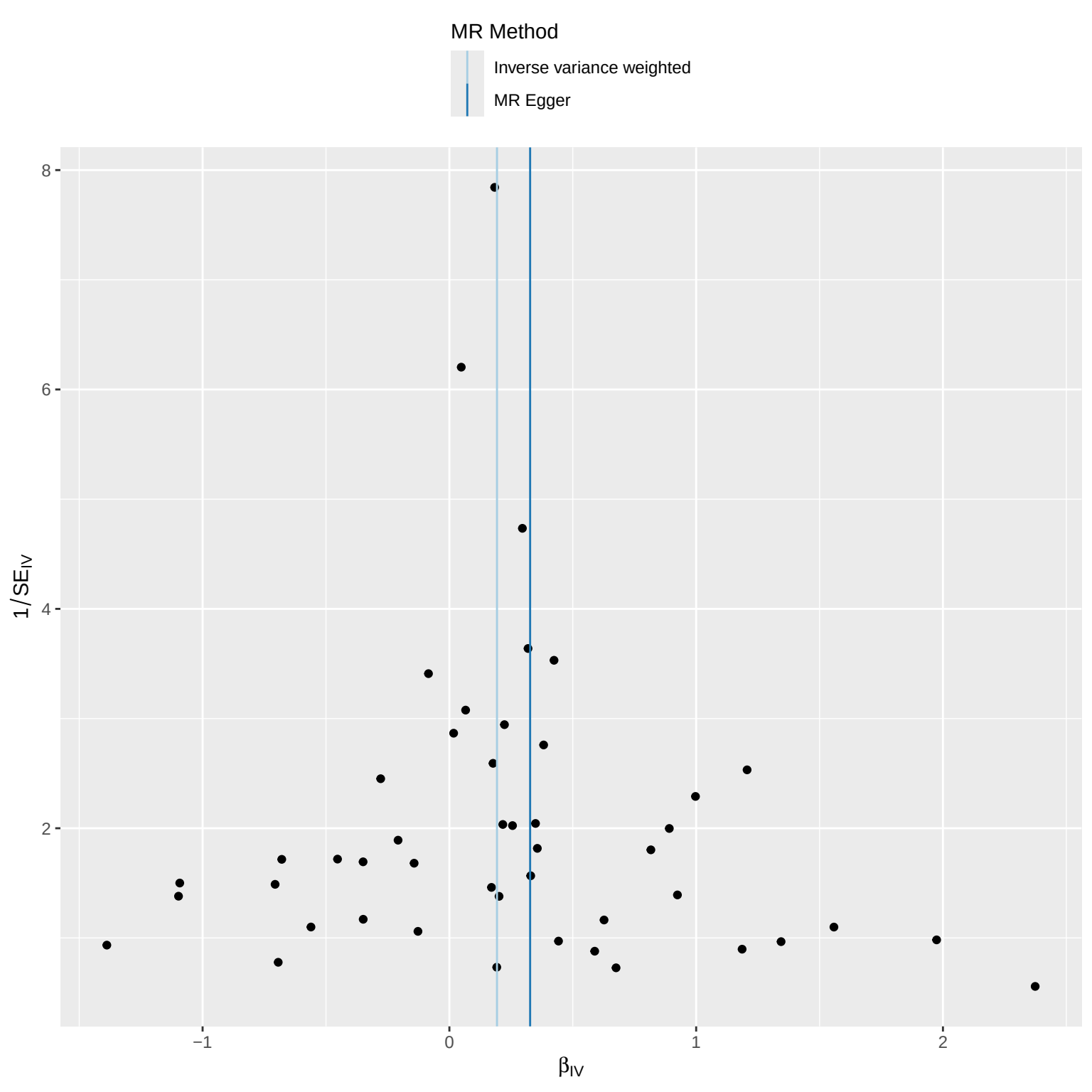

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.25
−1.00
−0.75
−0.50
−0.25
β_IV

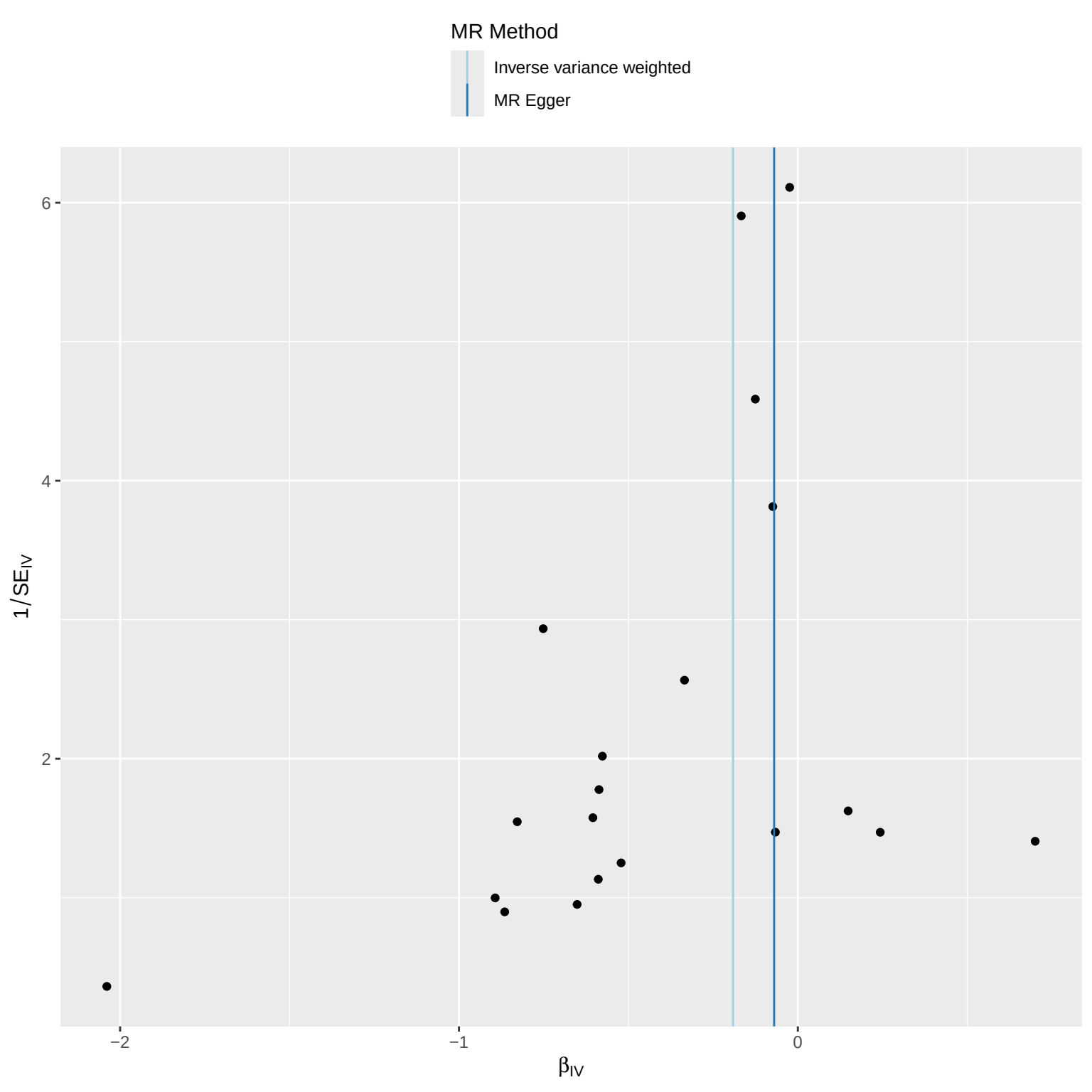

MR Method
Inverse variance weighted
MR Egger
2.50
2.25
2.00
1.75
1.50
1/SE_IV
−0.7
−0.5
−0.3
β_IV

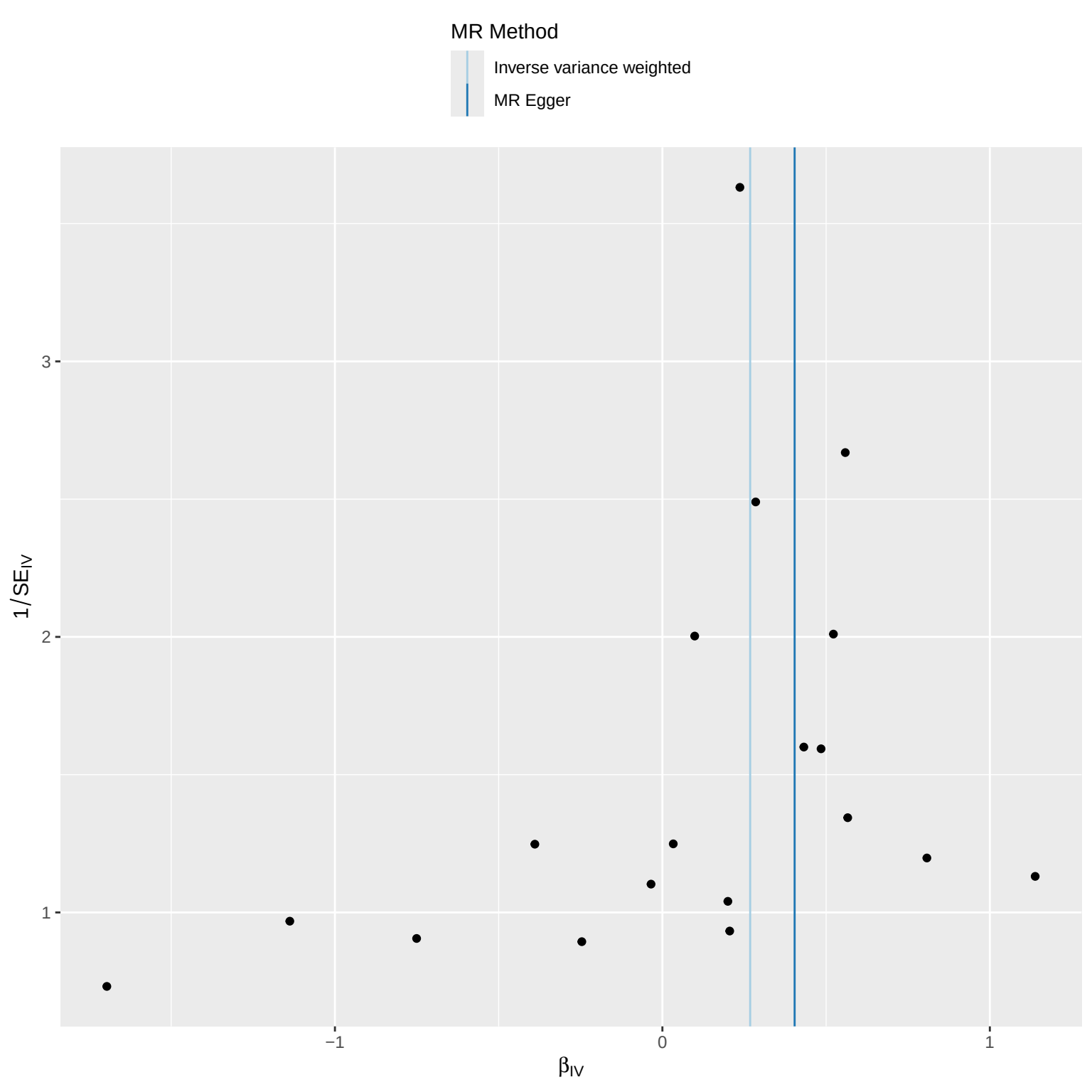

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

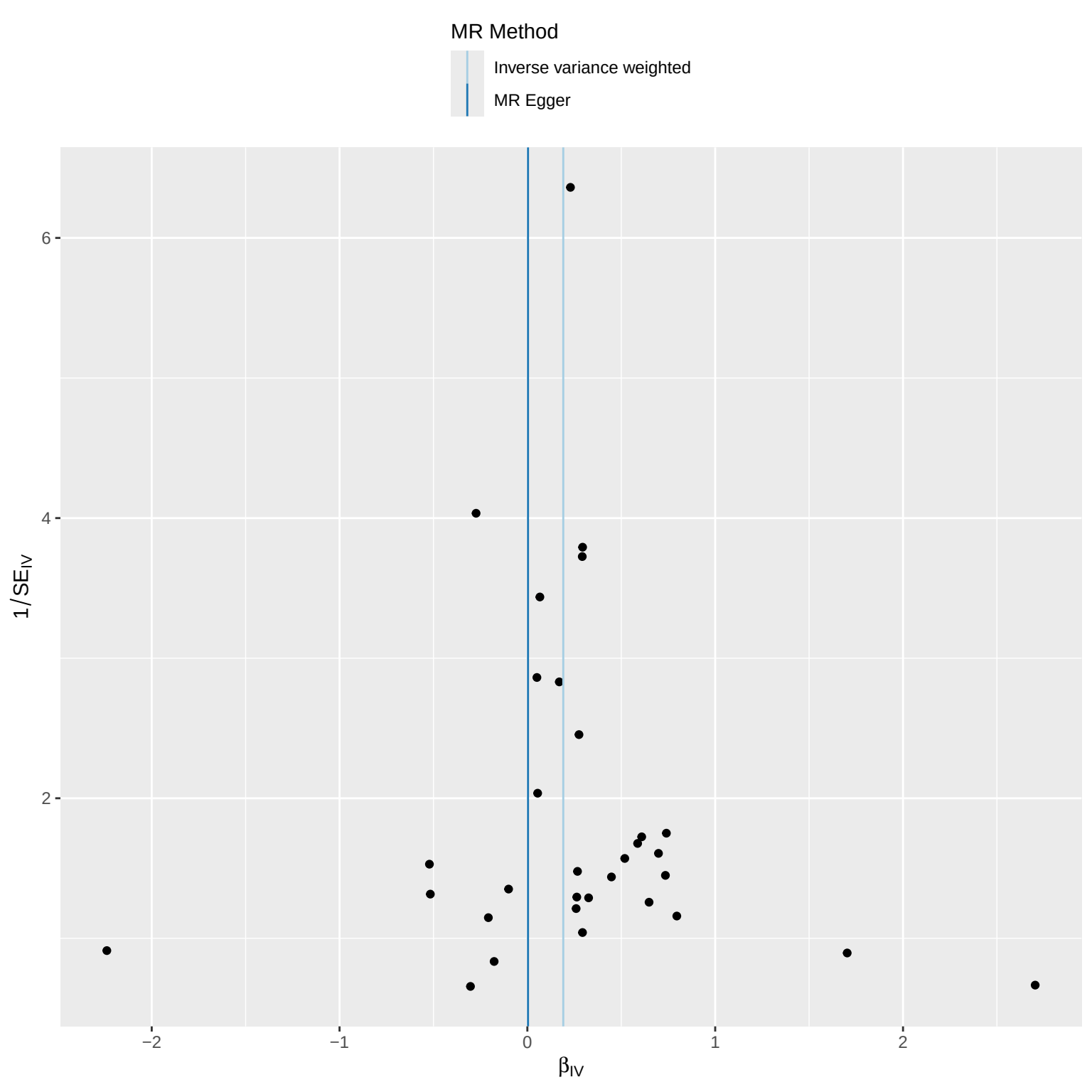

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.5
1.0
β_IV

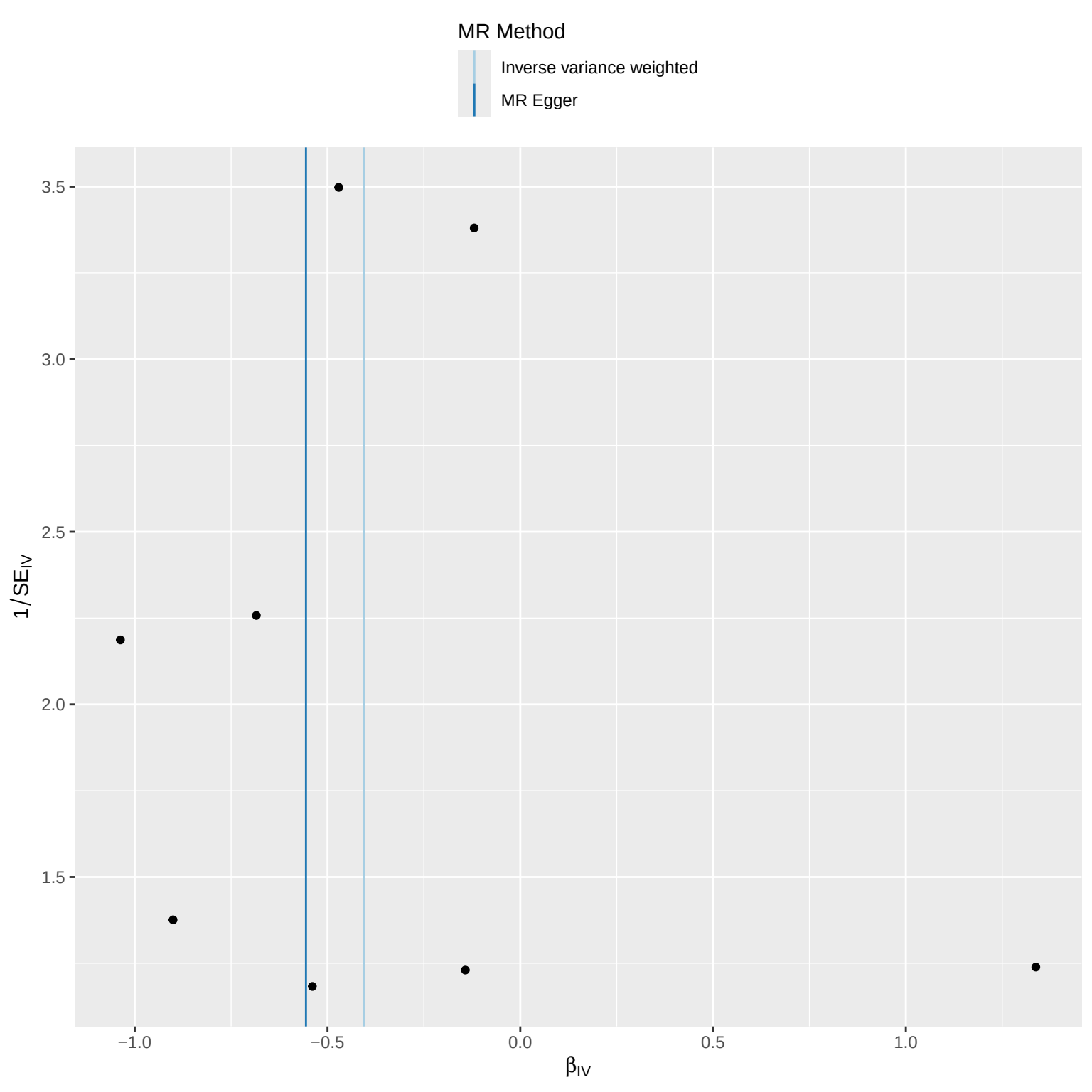

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

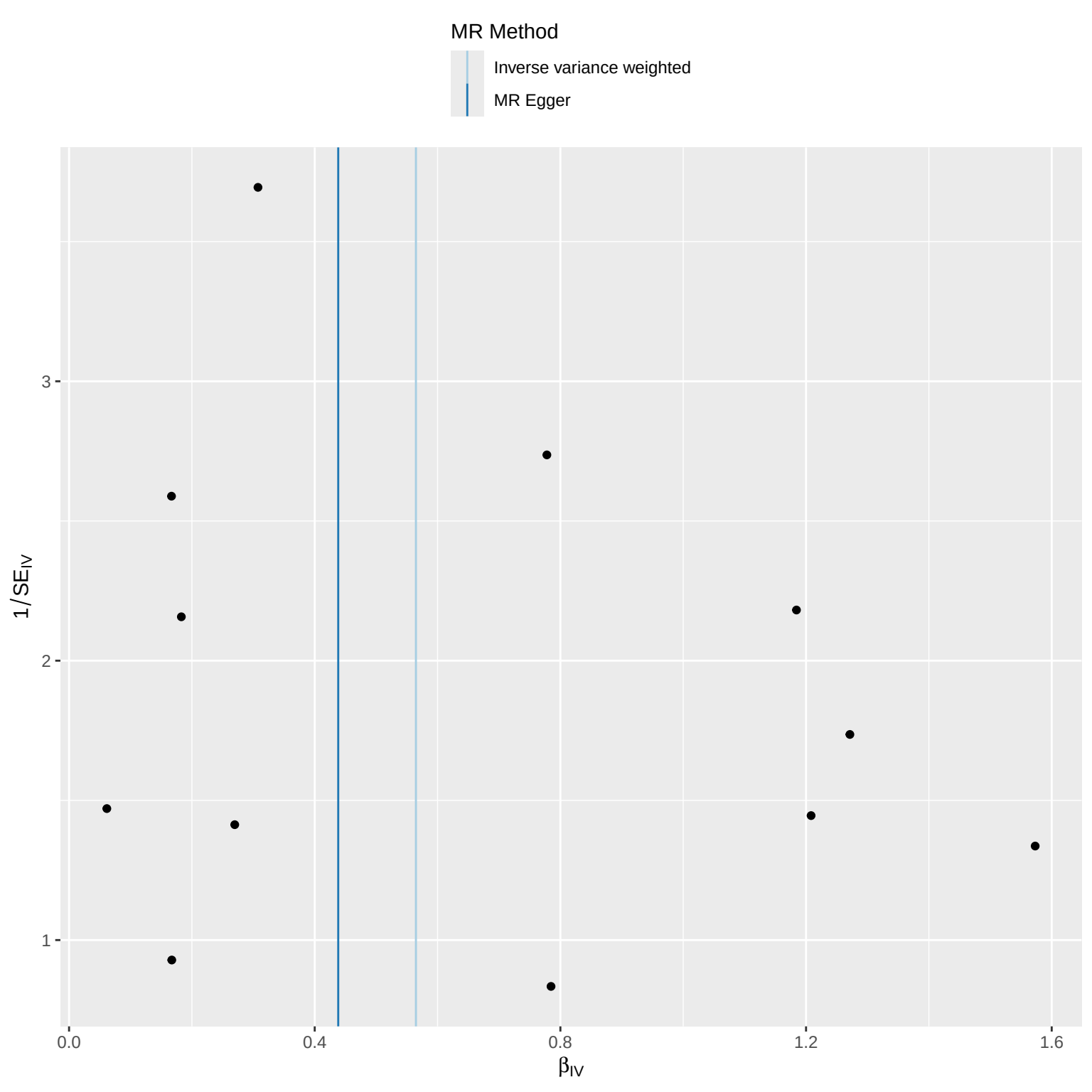

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

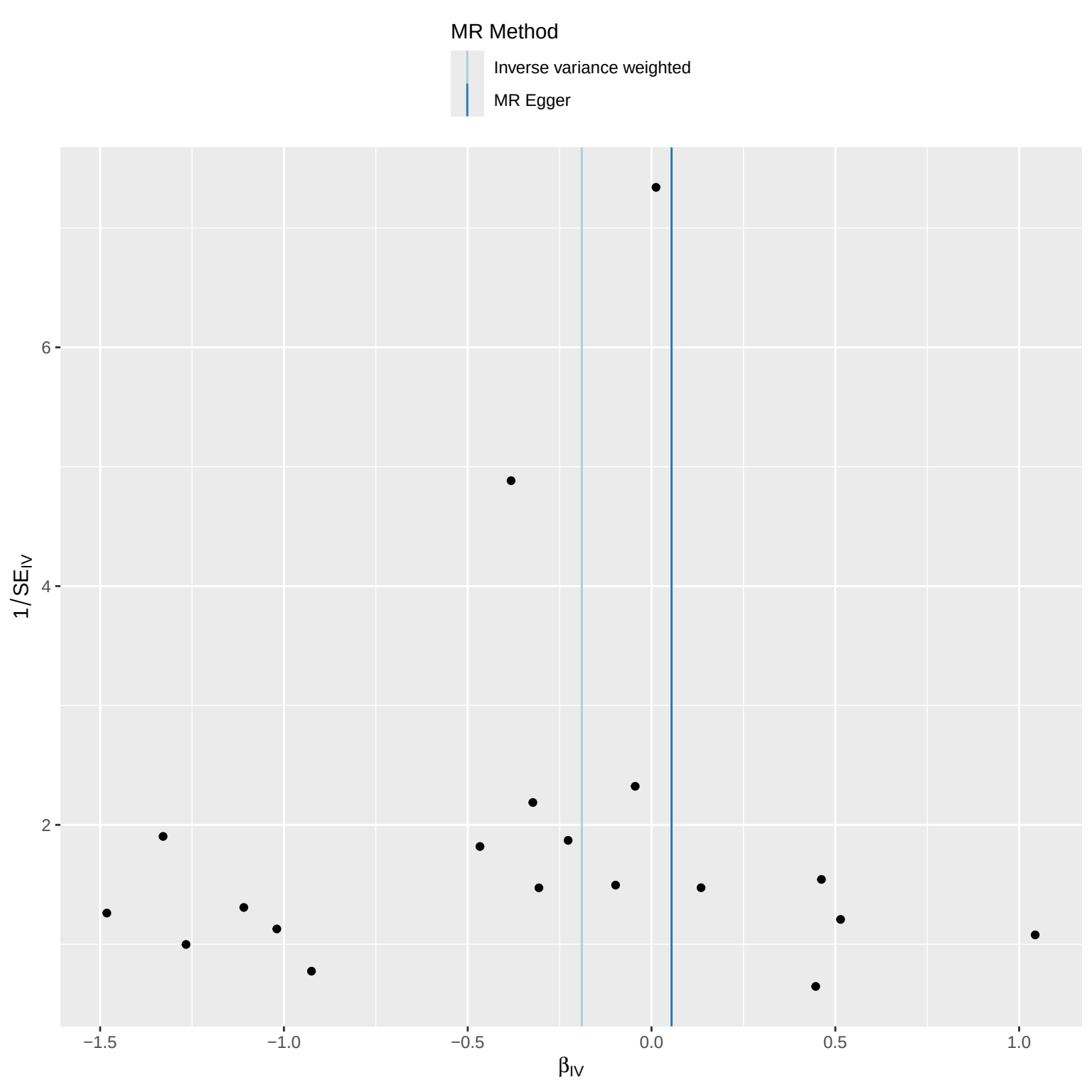

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

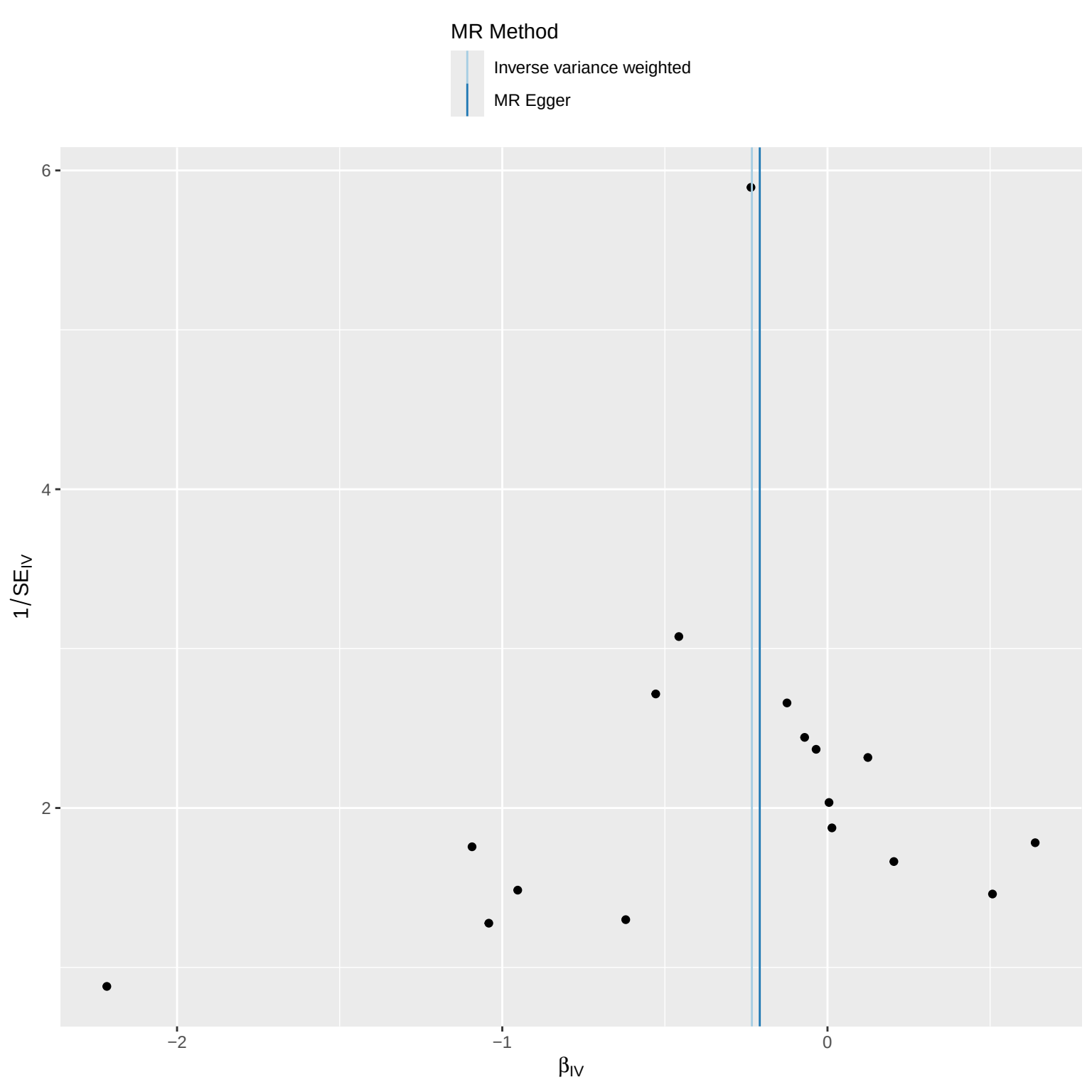

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

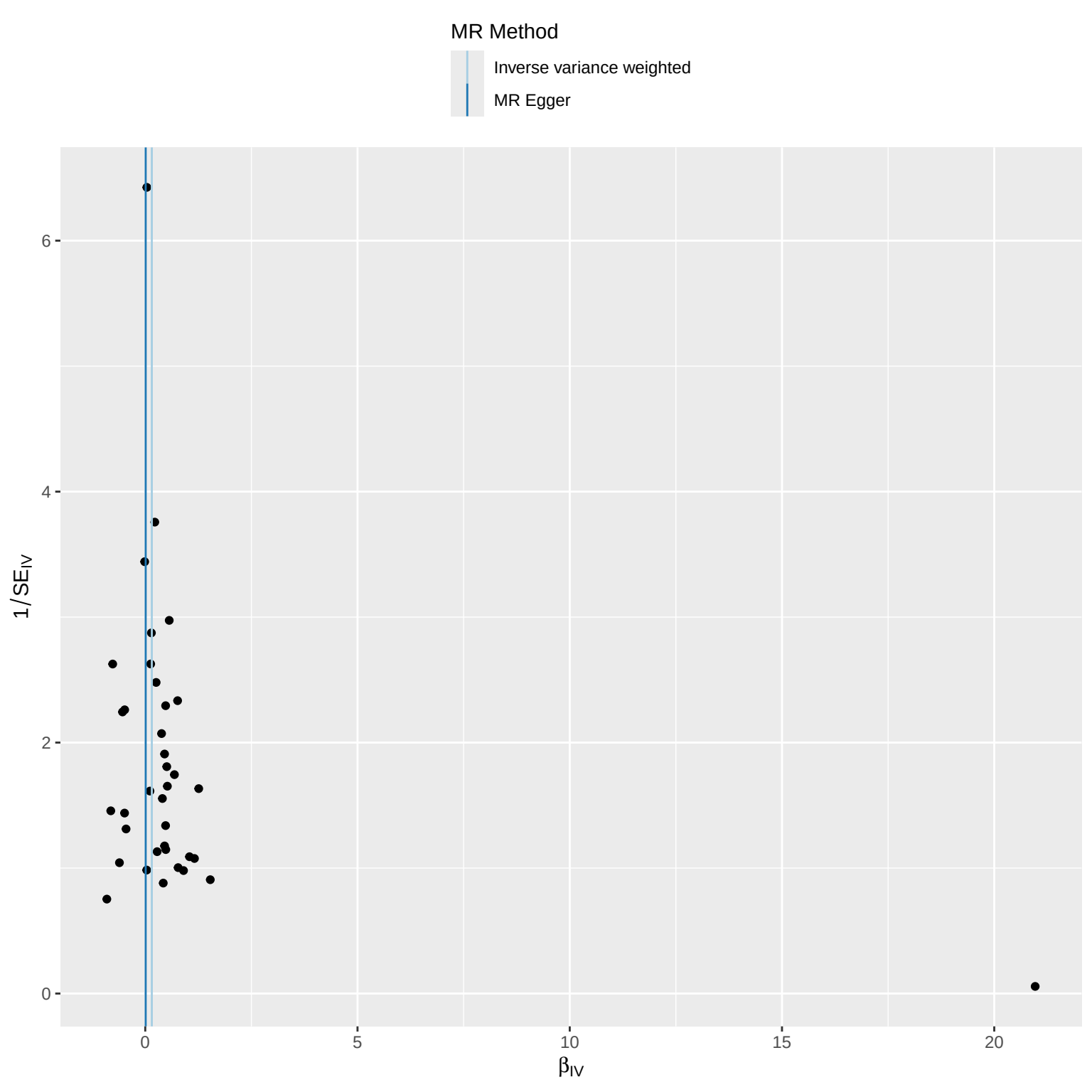

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

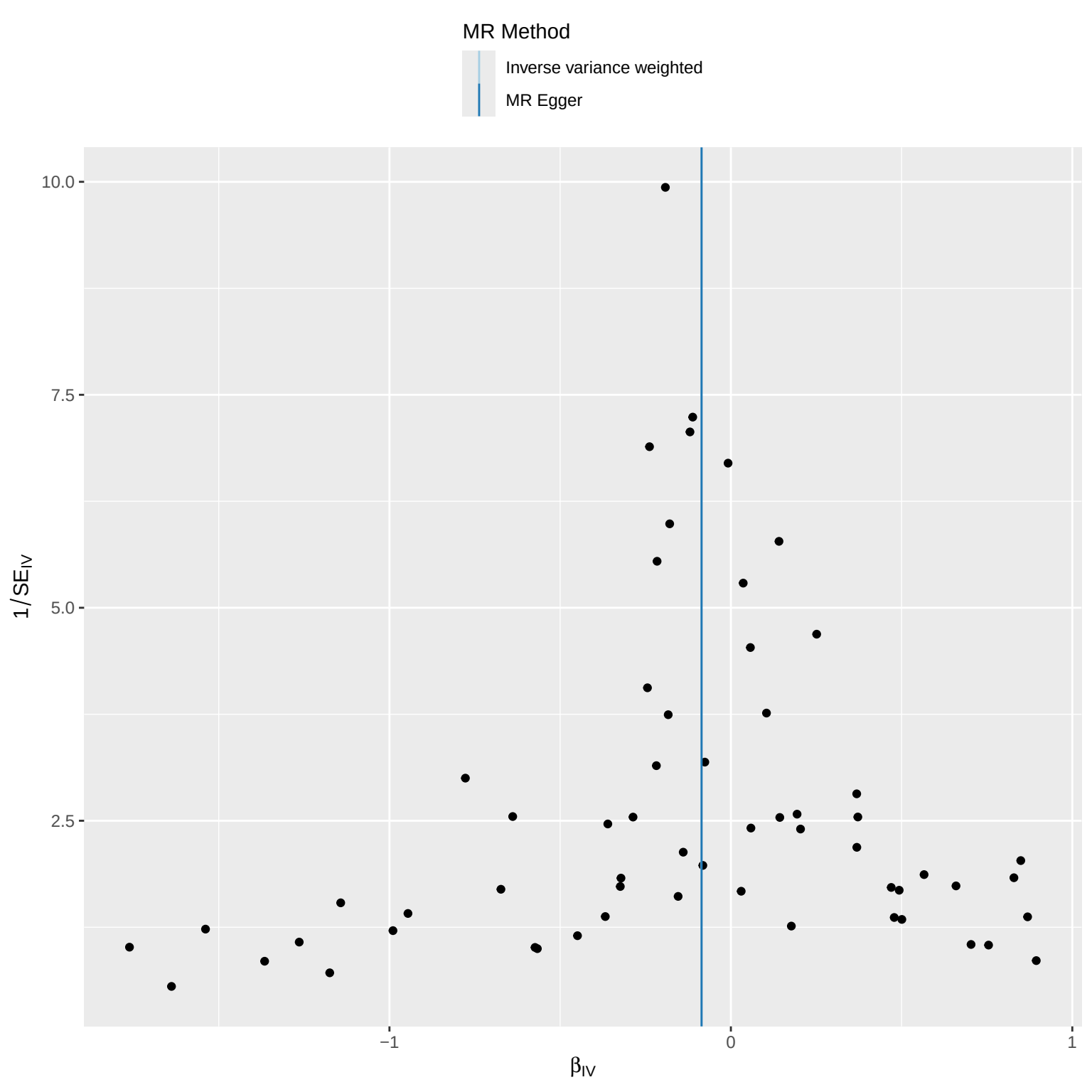

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

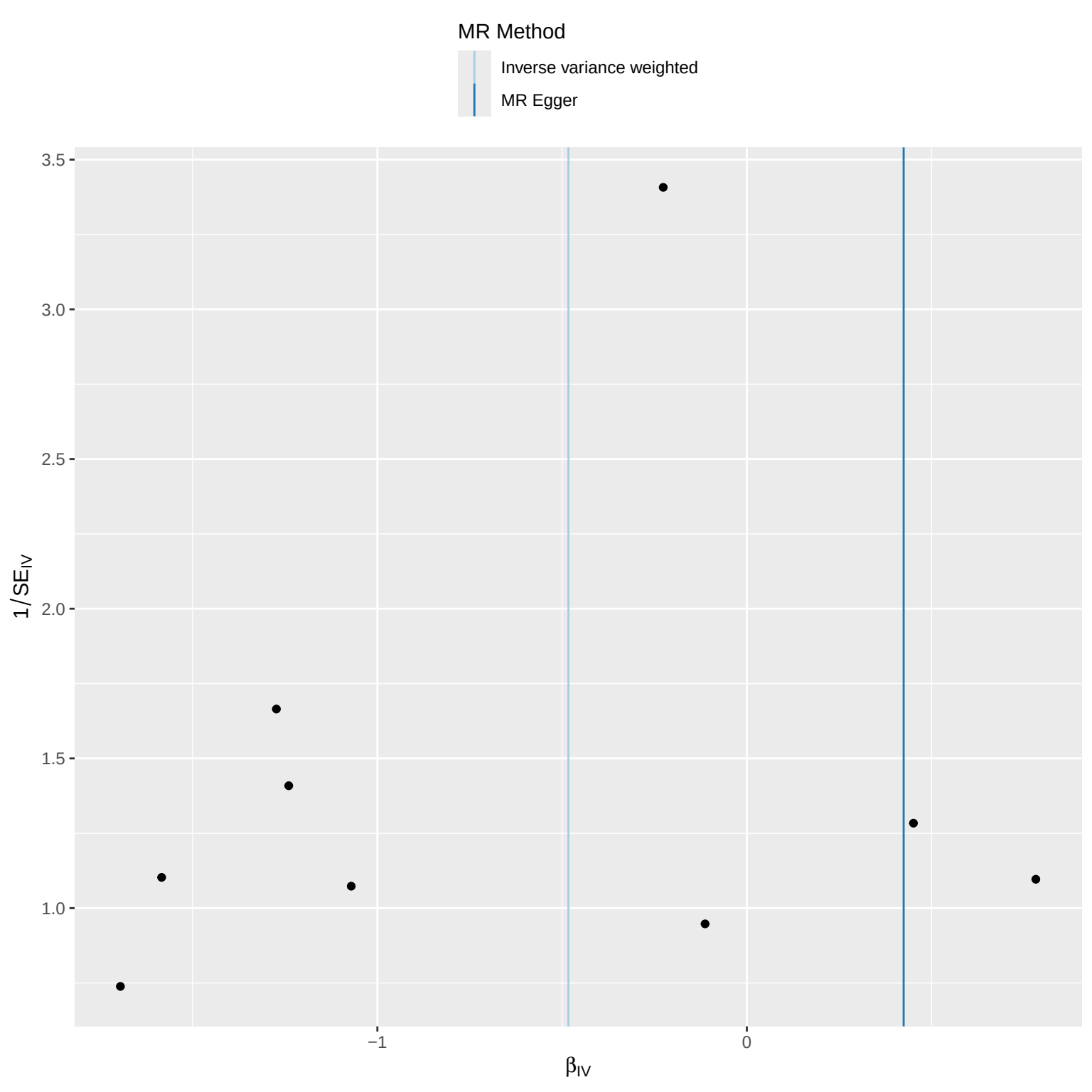

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.4
0.8
1.2
1.6
β_IV

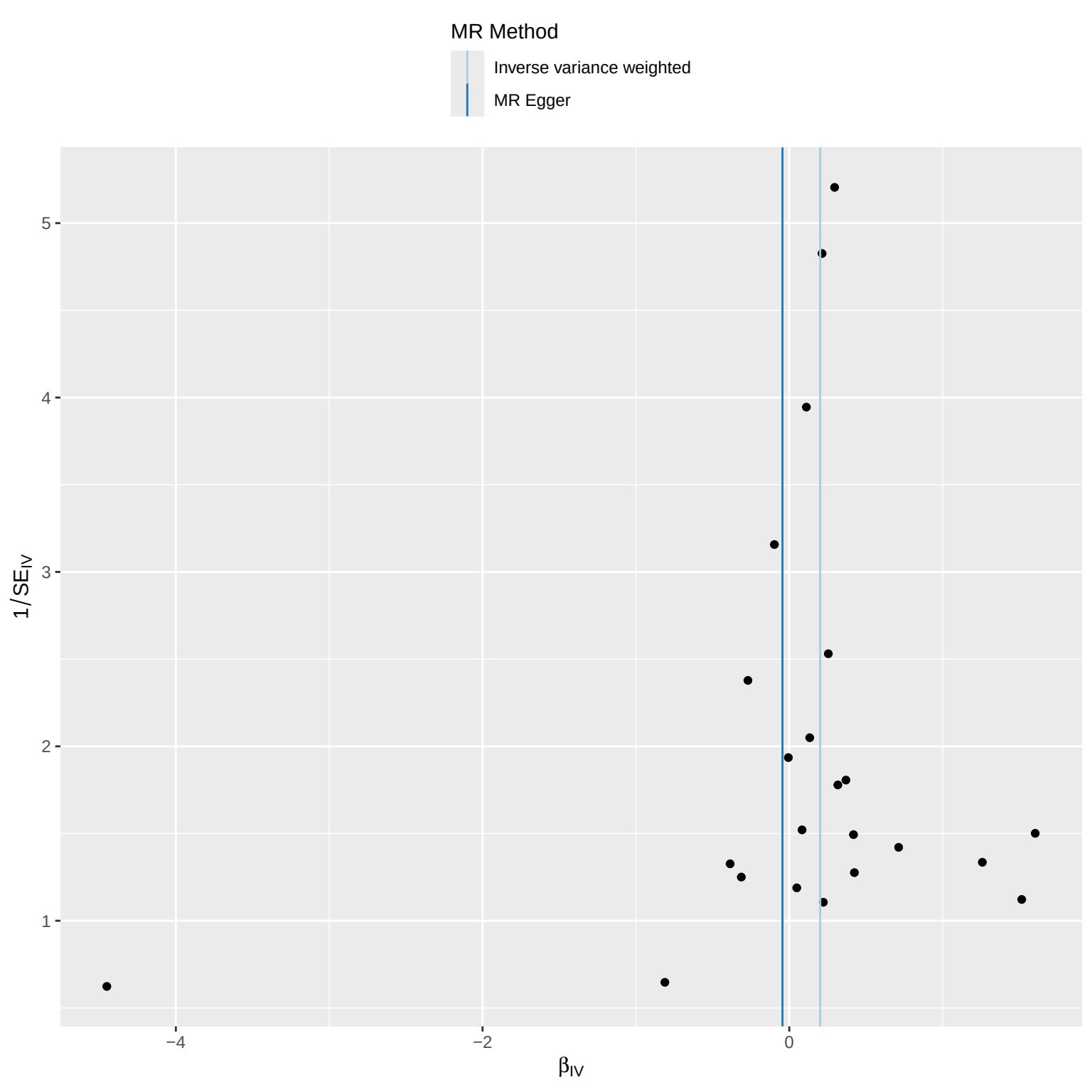

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

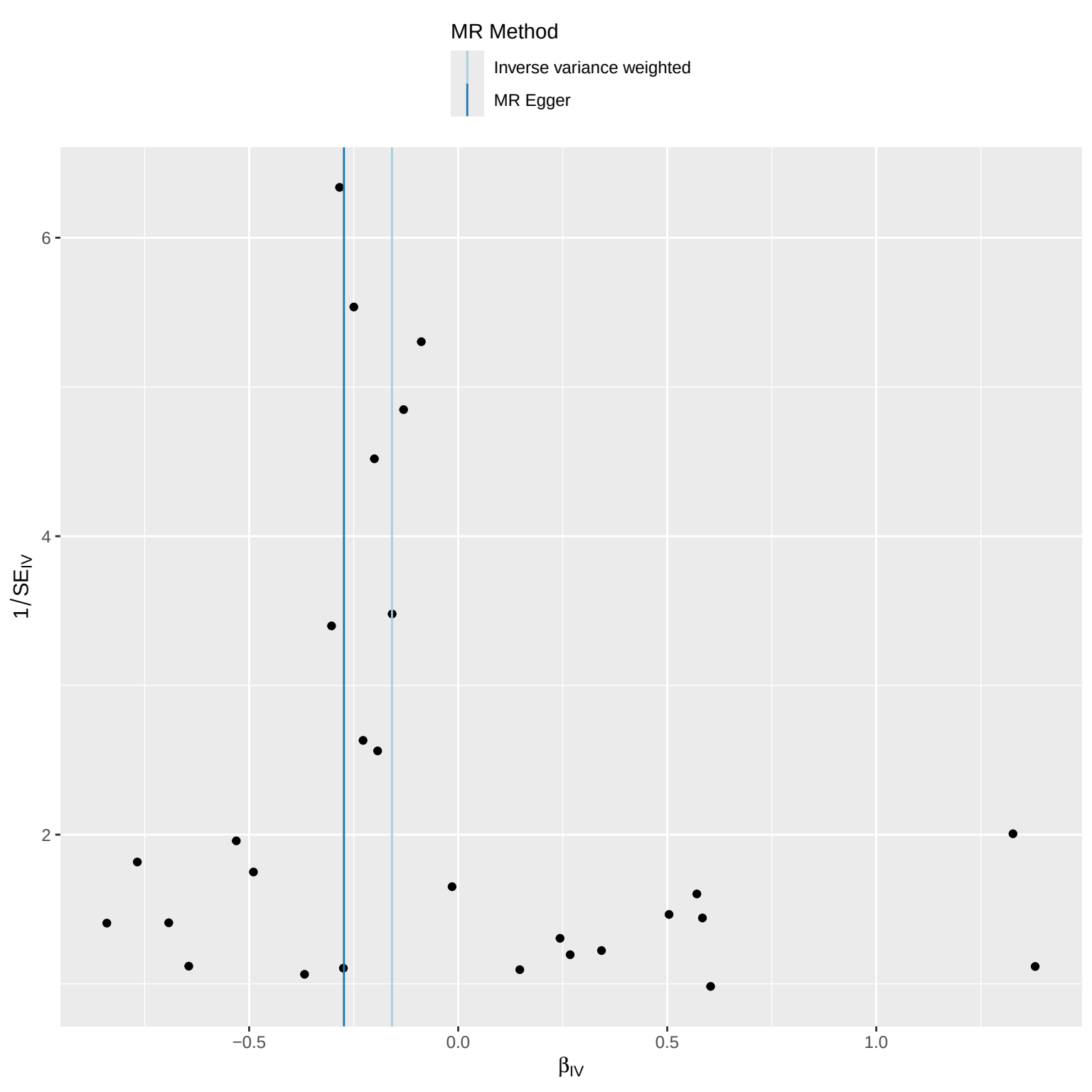

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

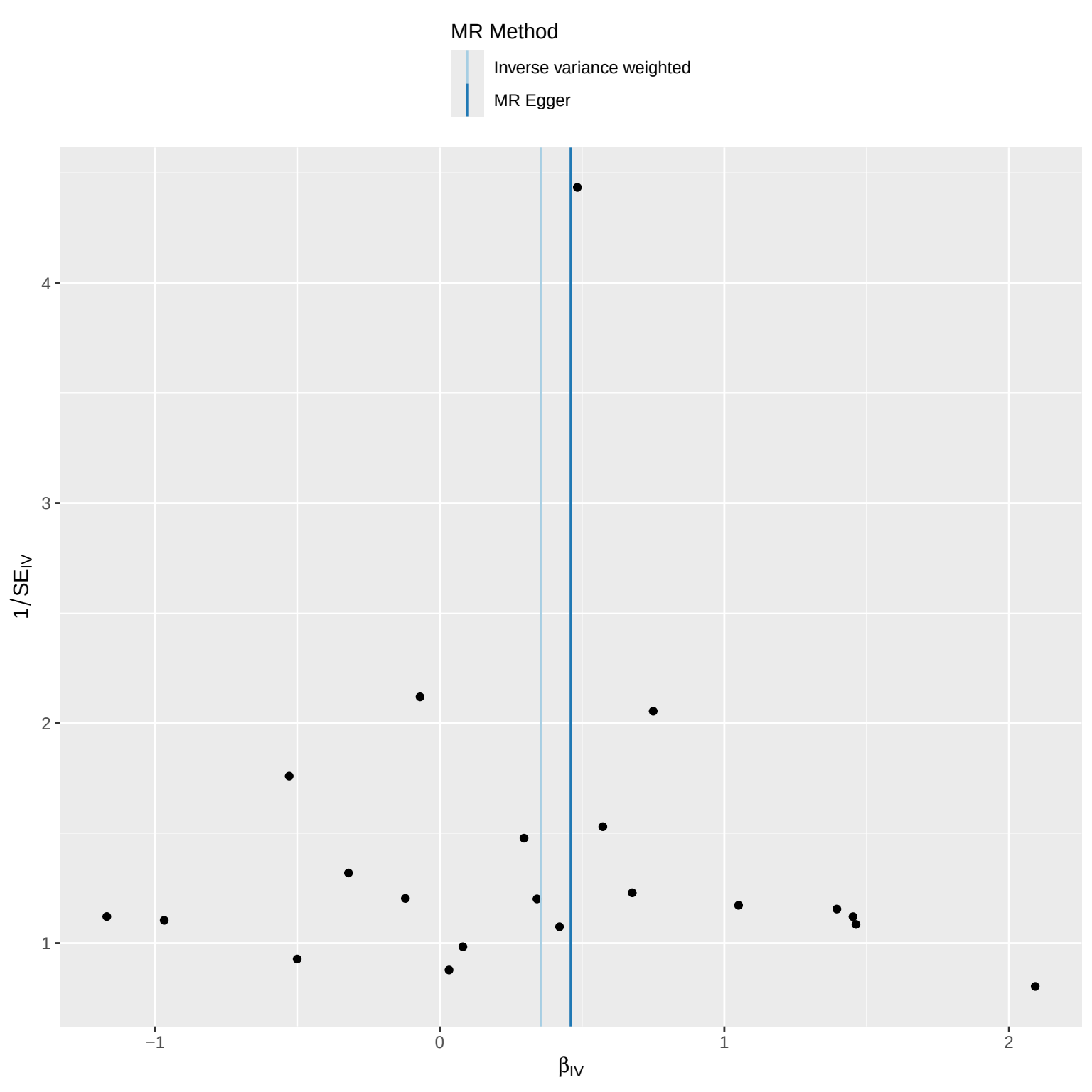

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
0
5
10
15
20
β_IV

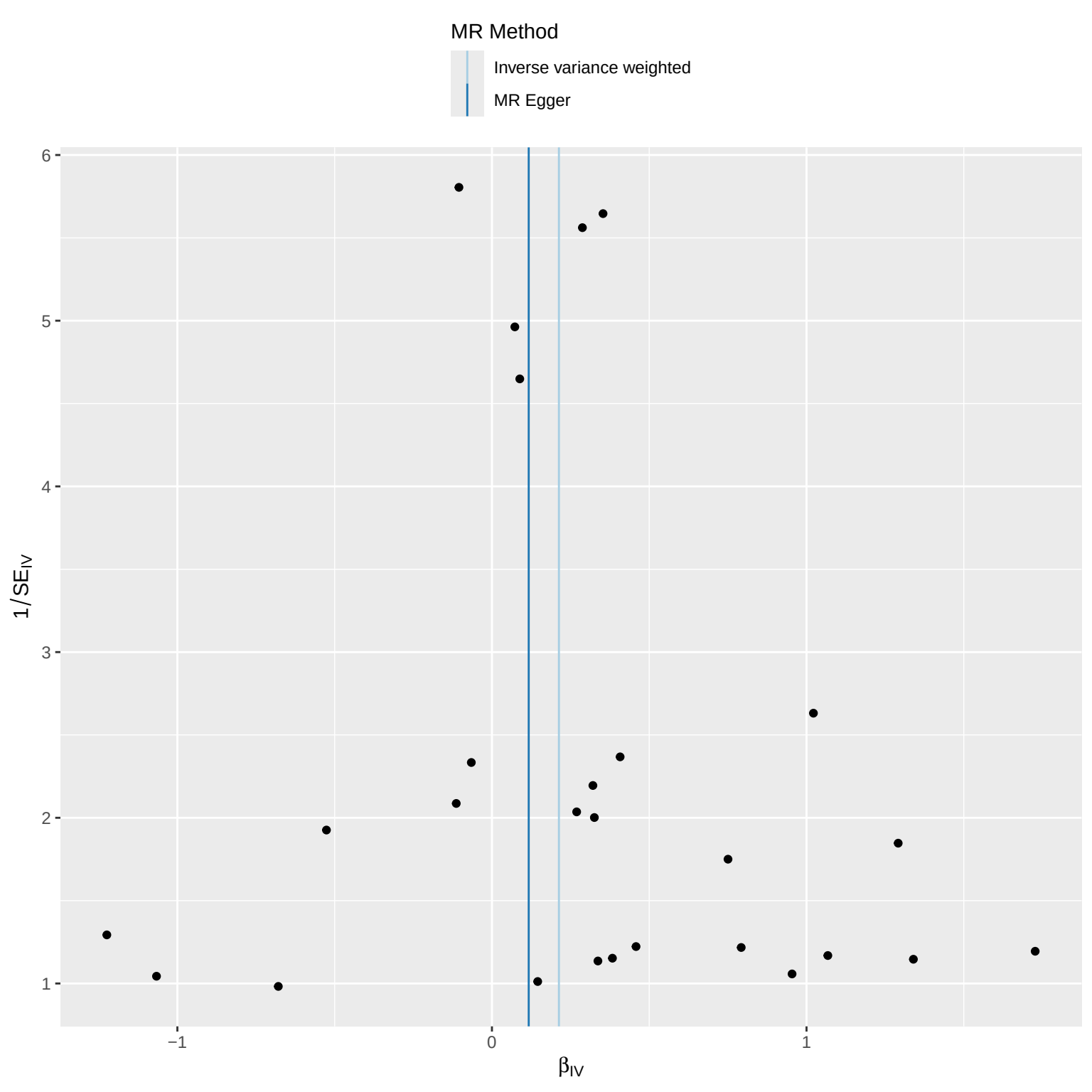

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

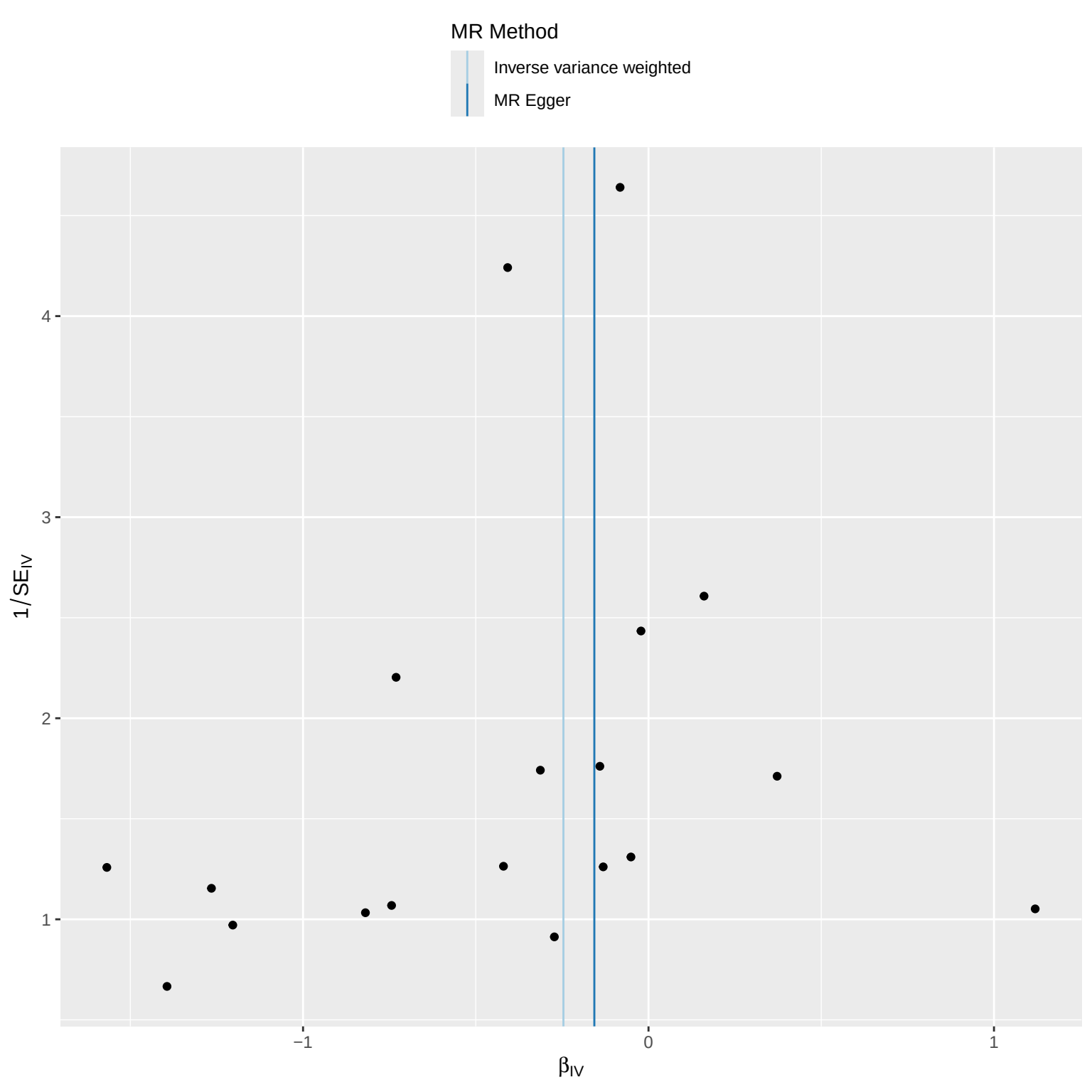

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
β_IV

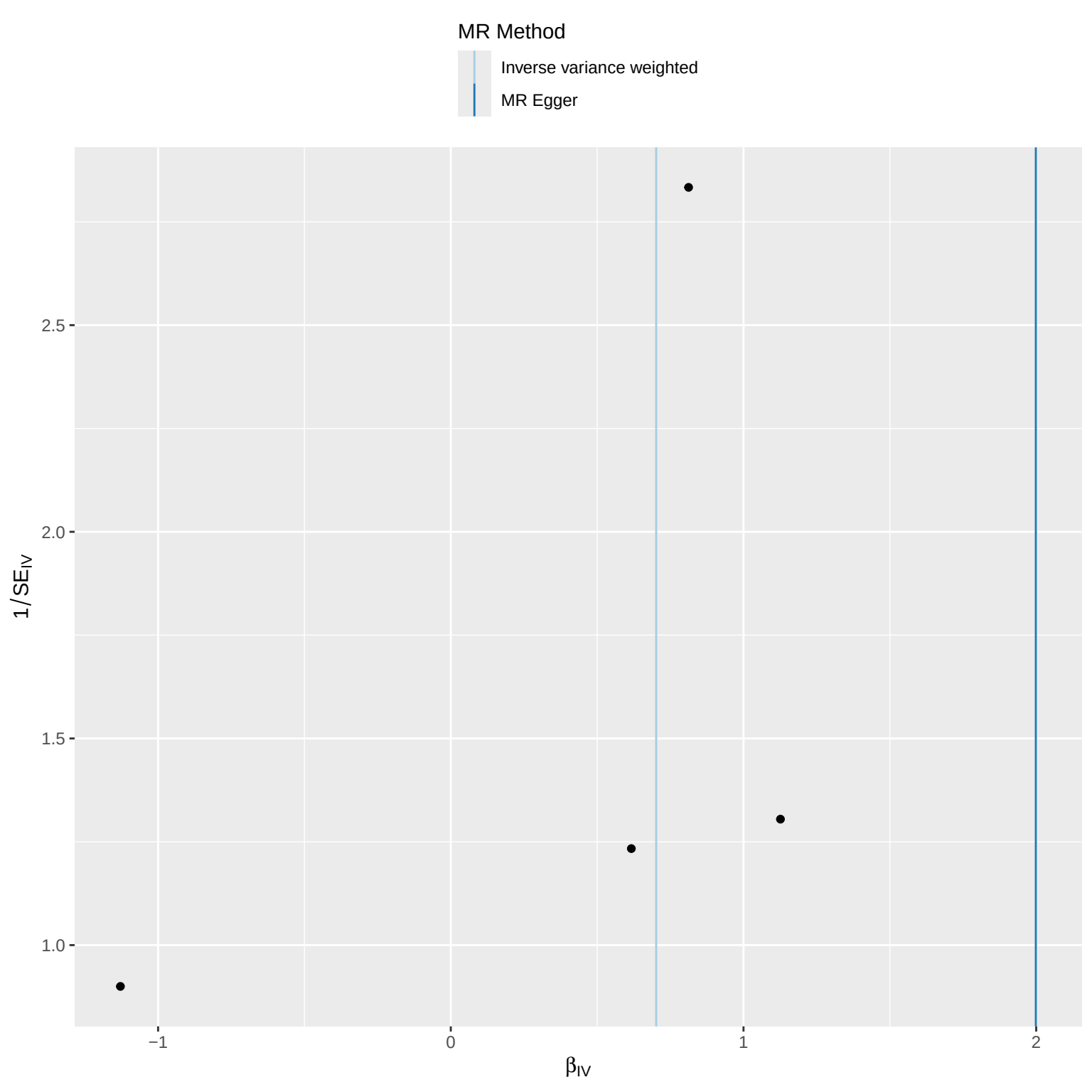

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
β_IV

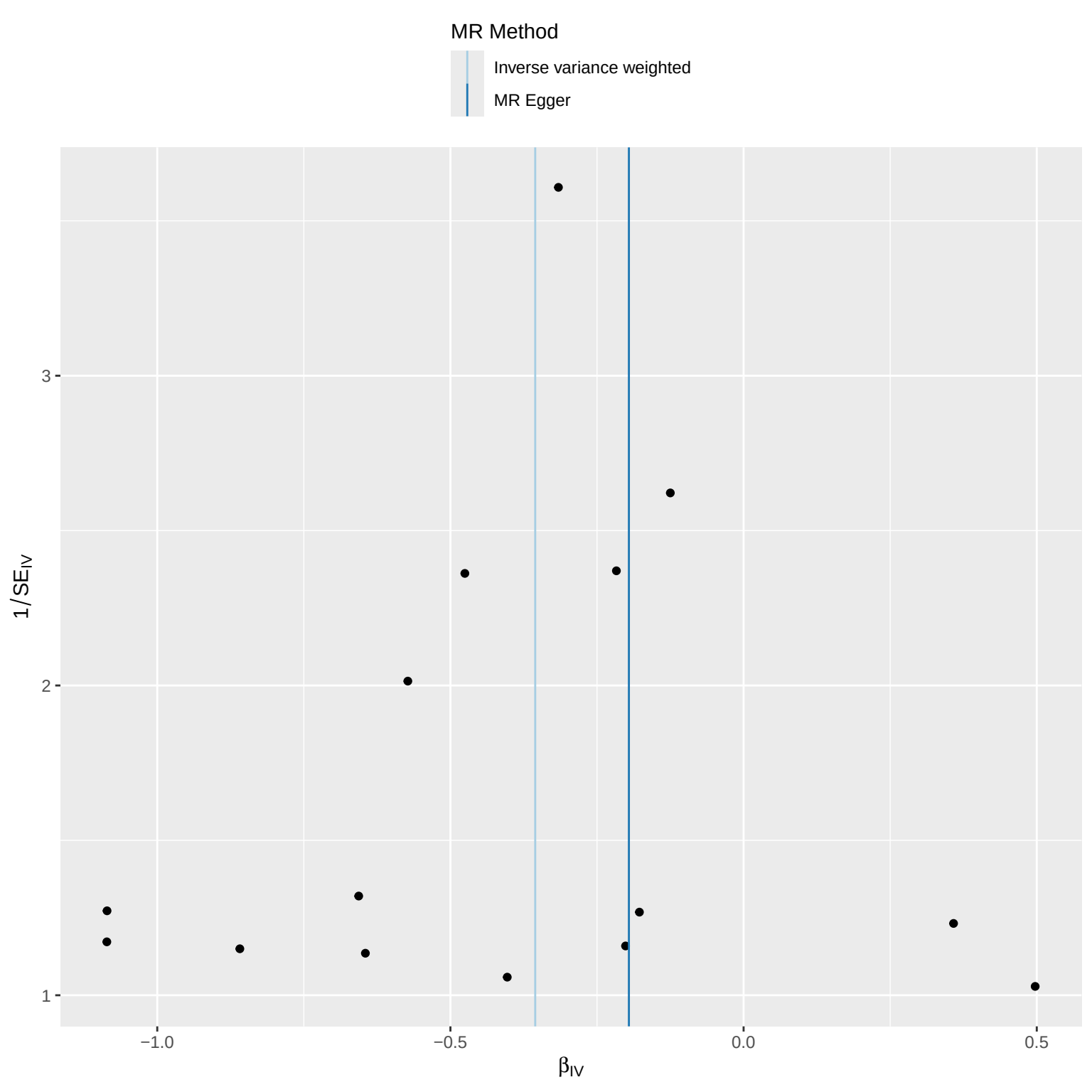

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

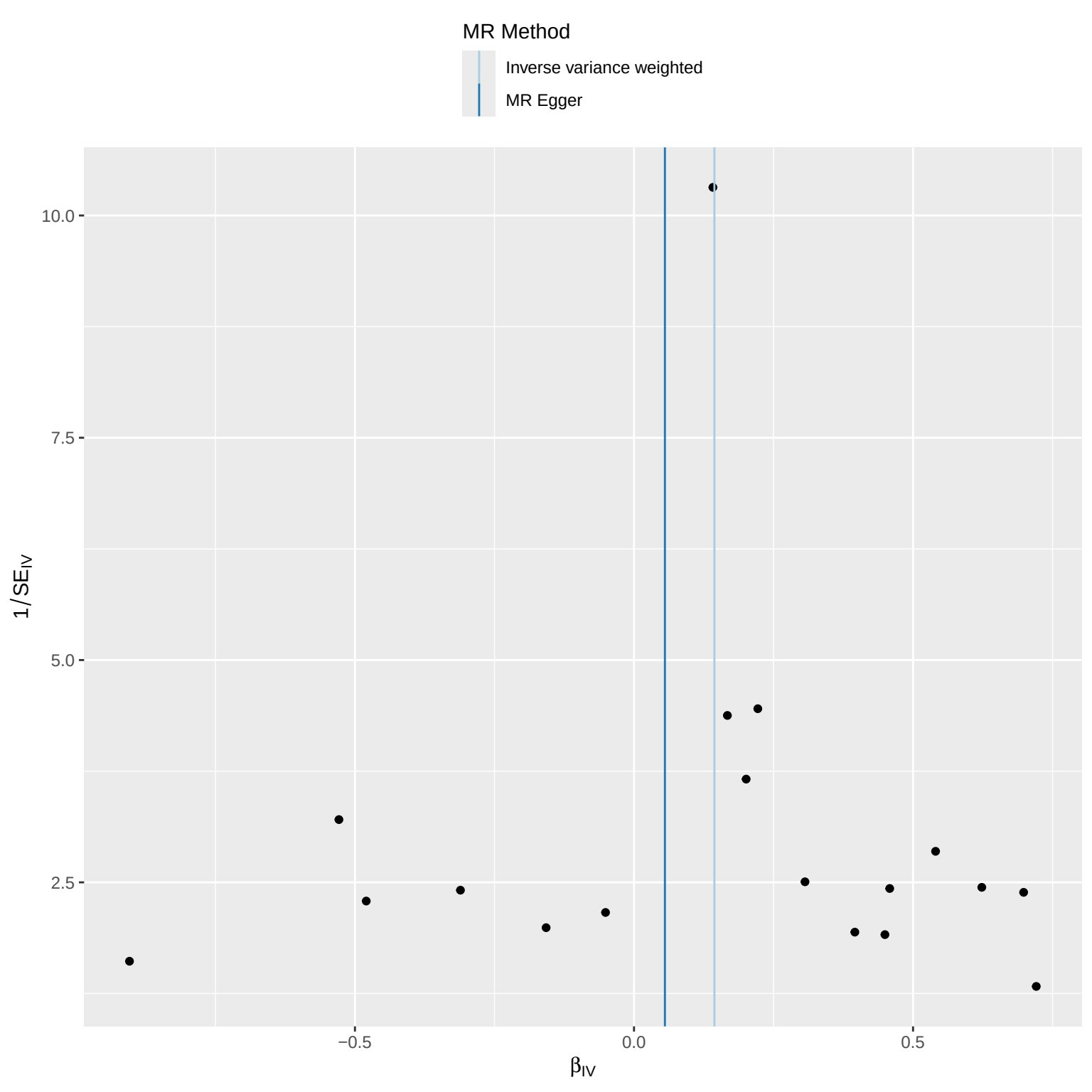

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

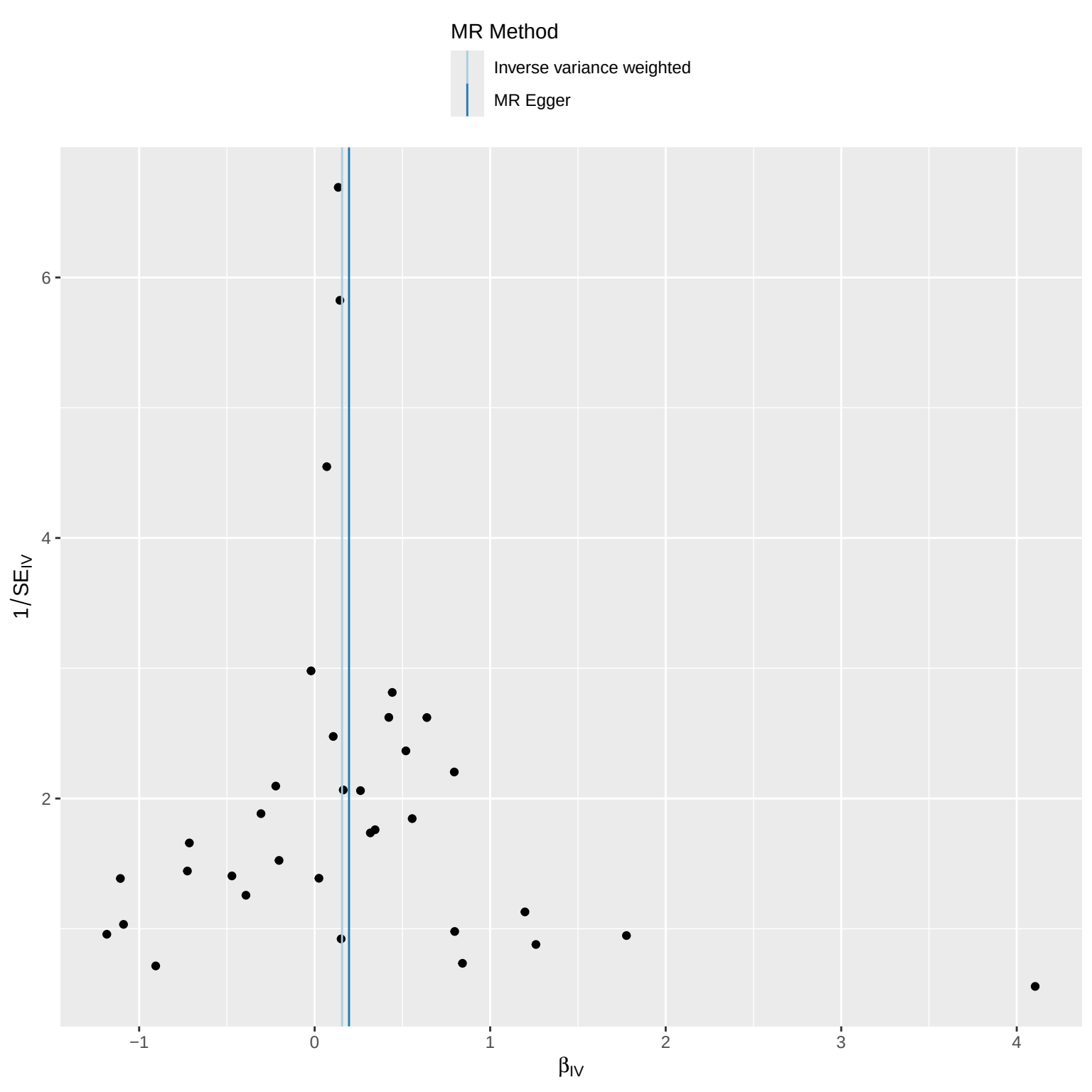

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

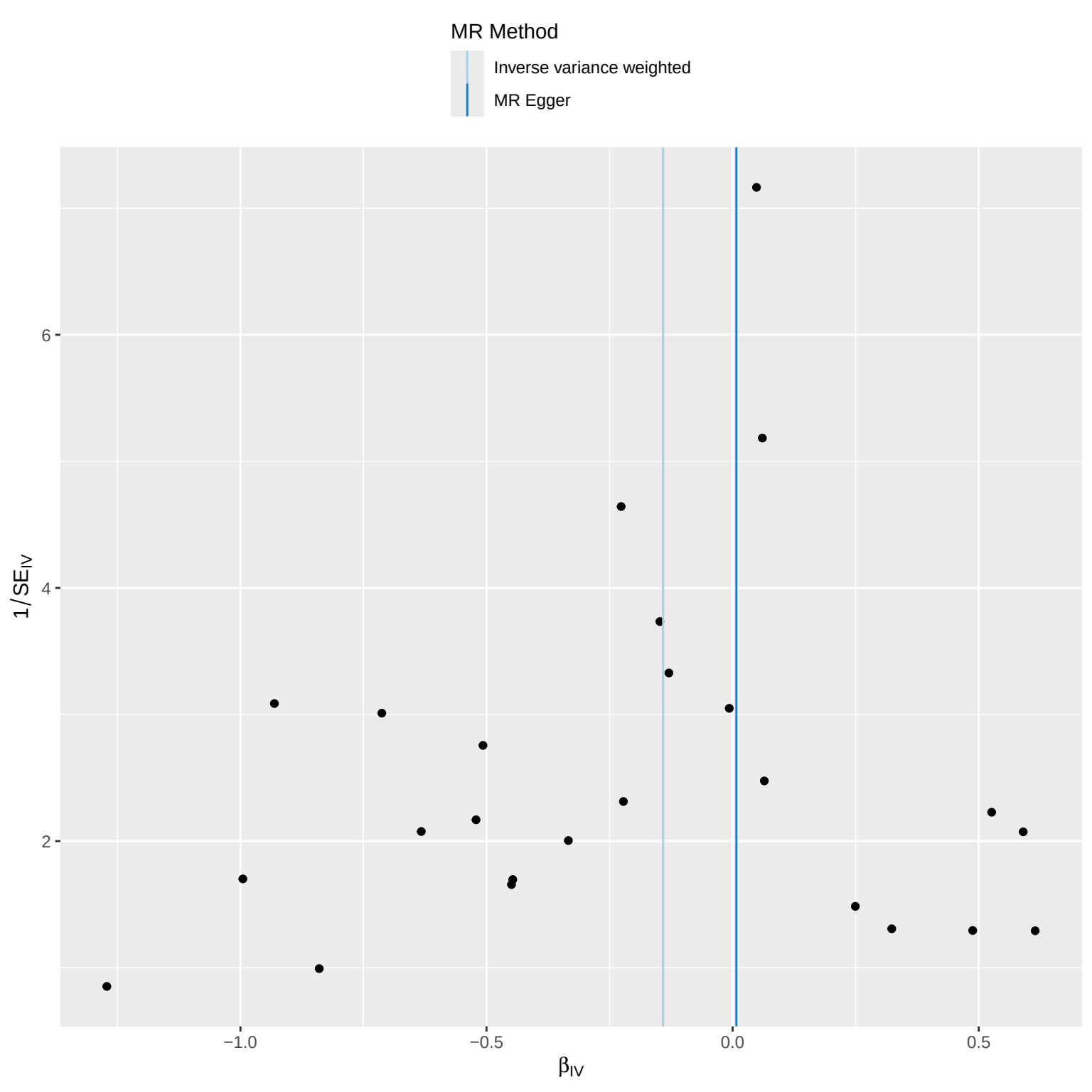

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

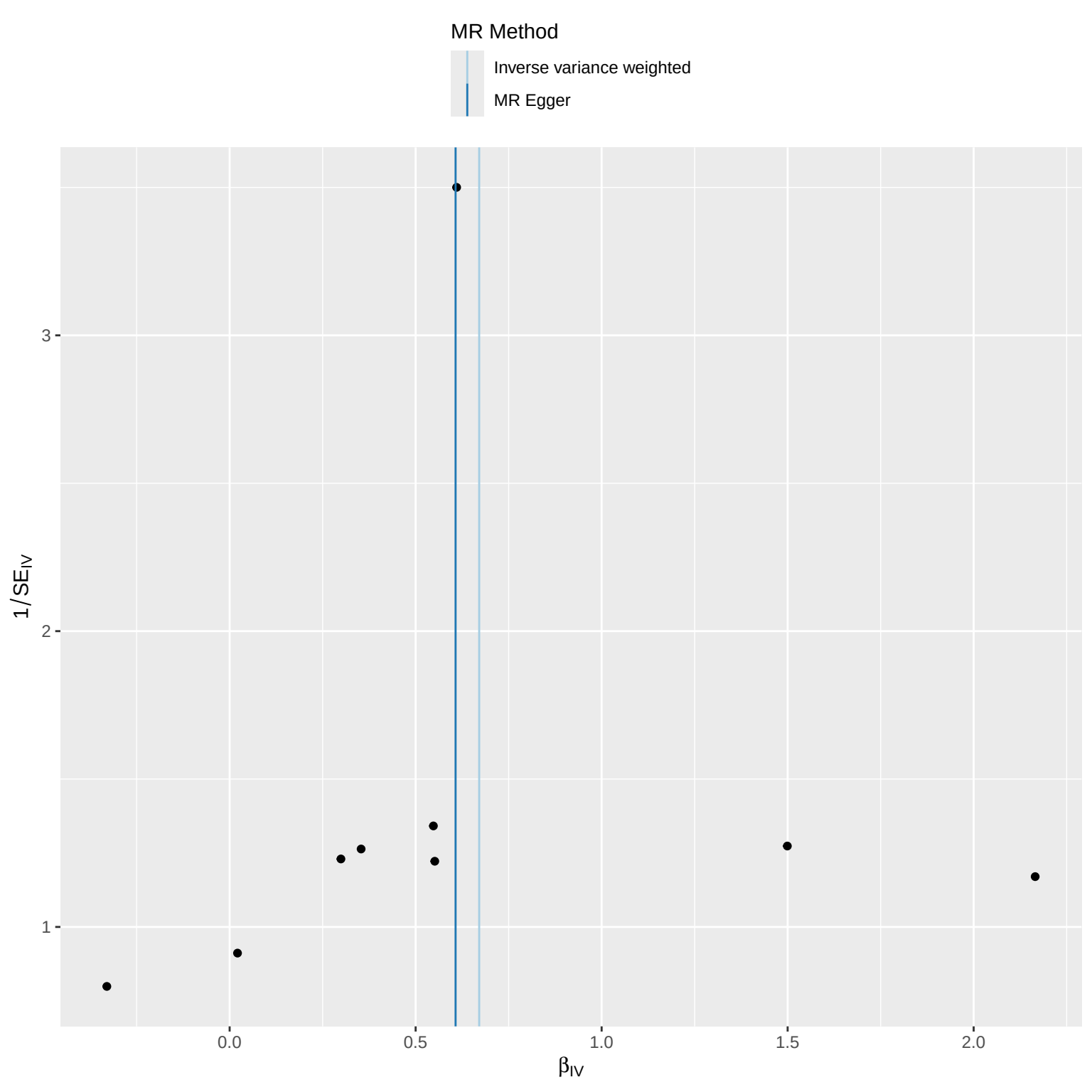

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

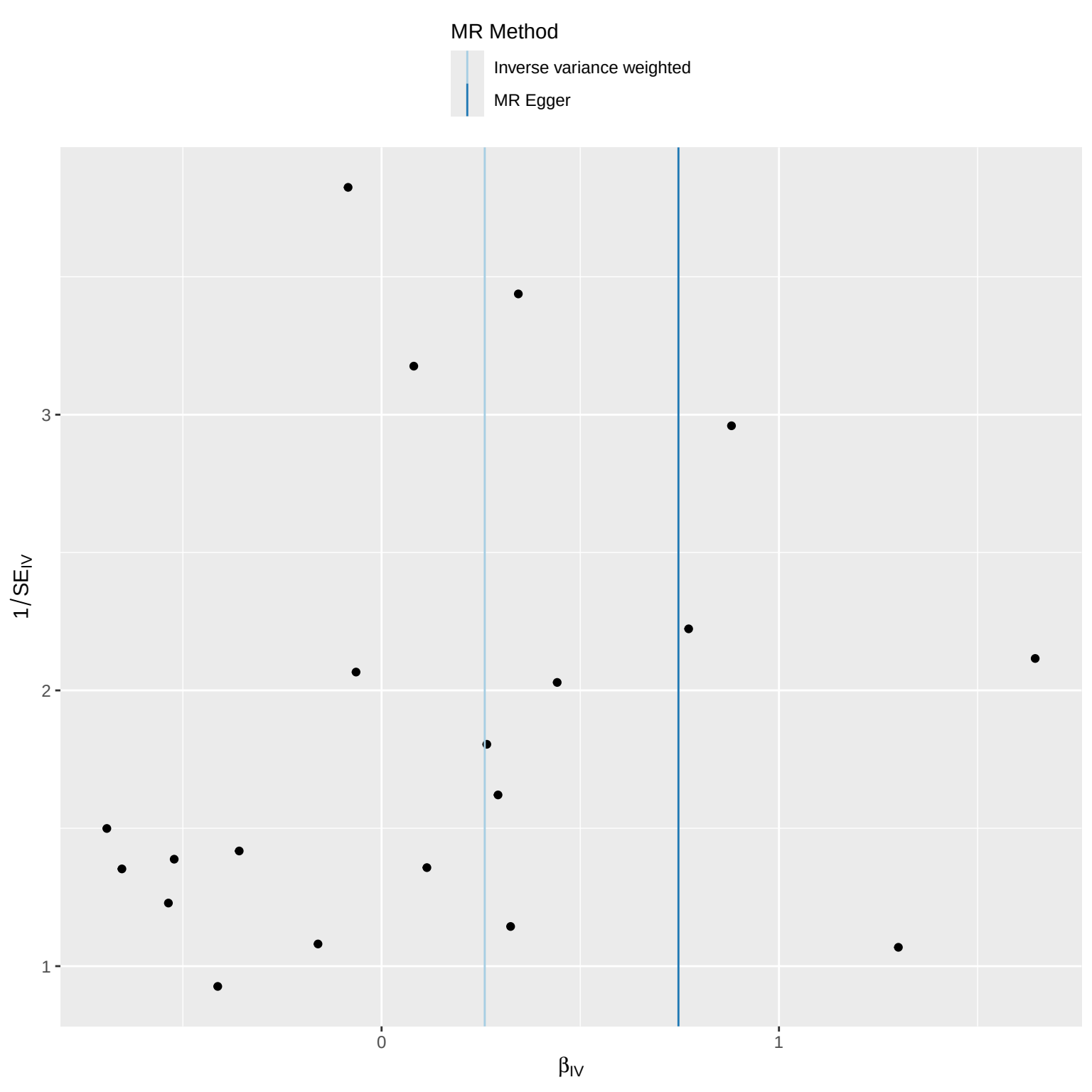

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

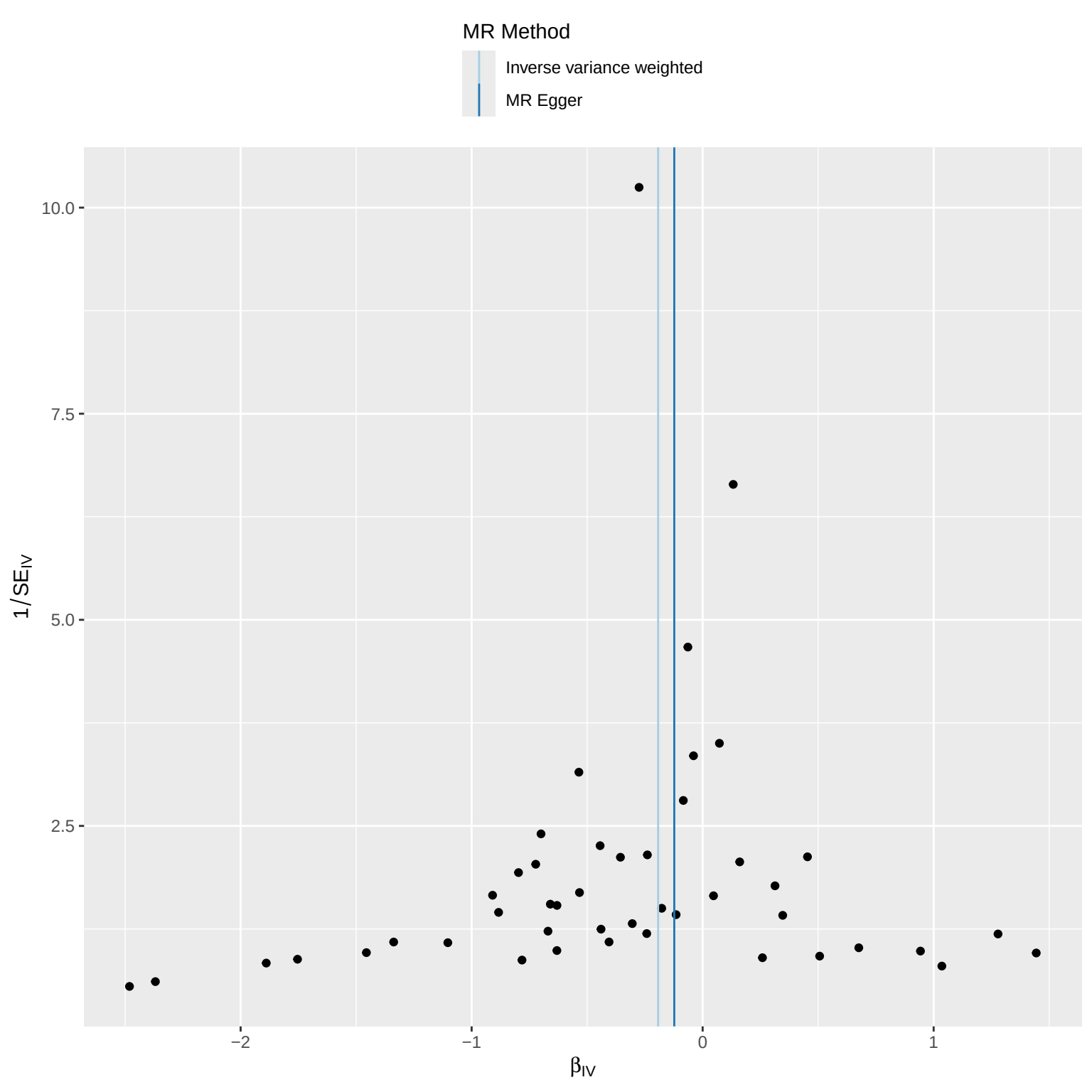

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

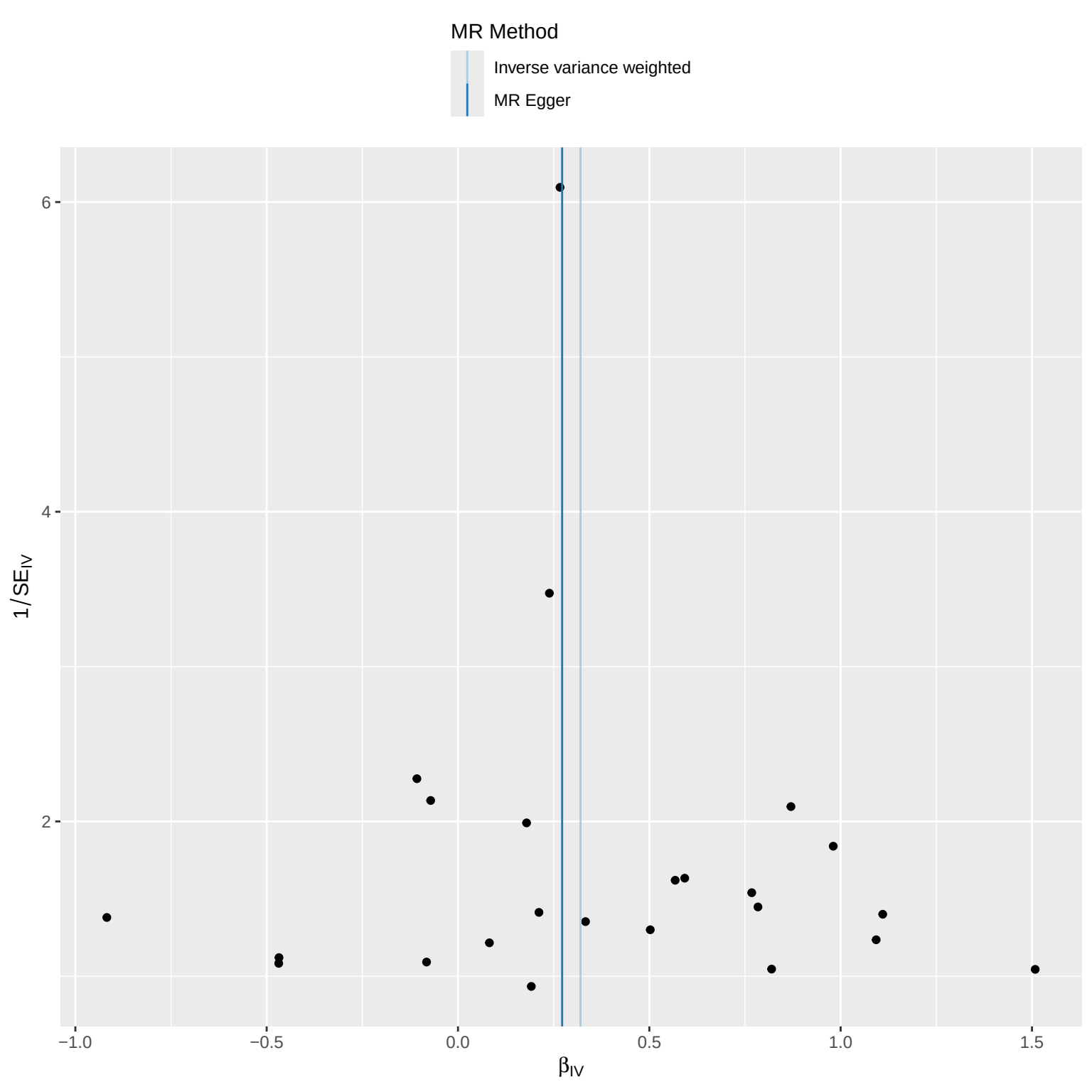

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
3
4
β_IV

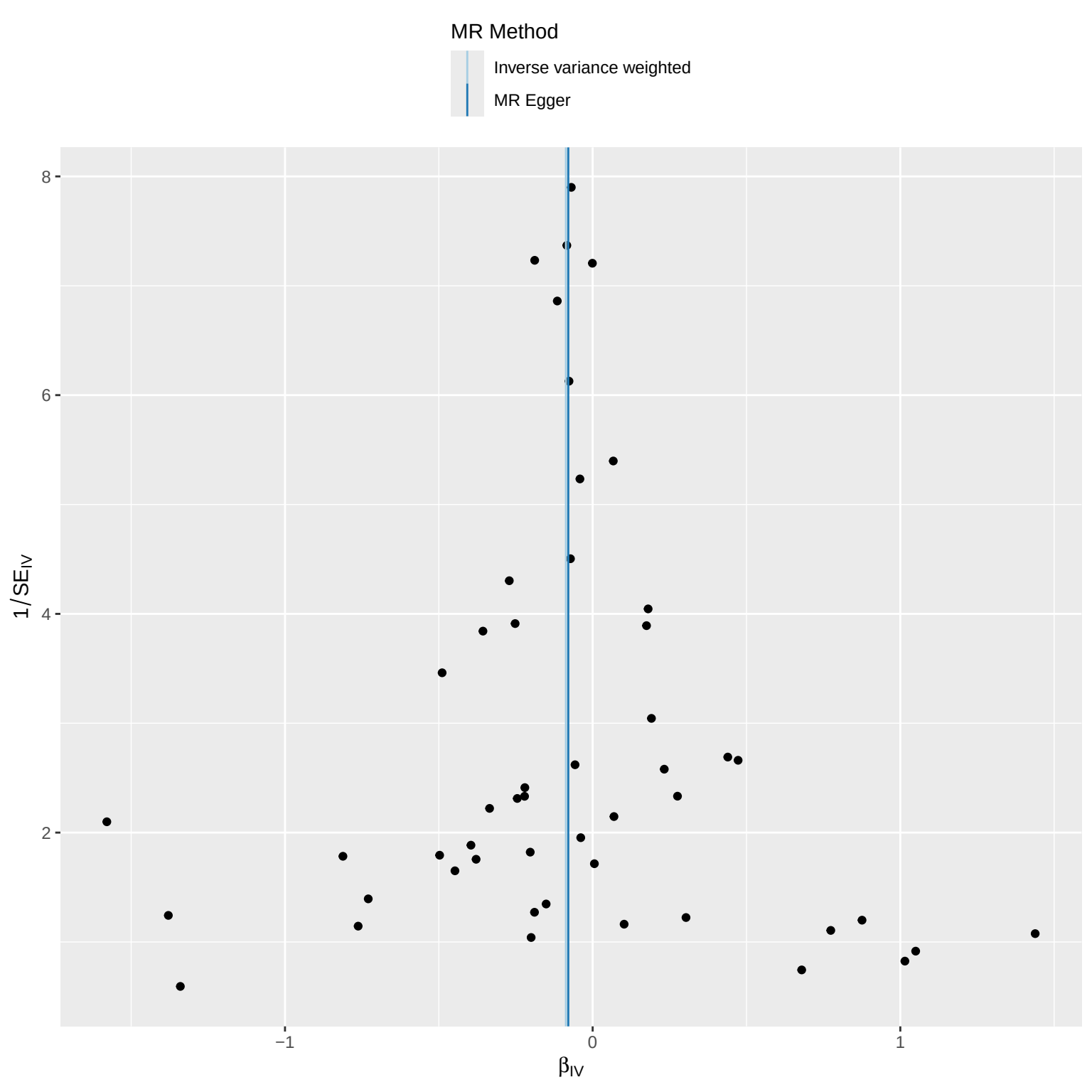

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

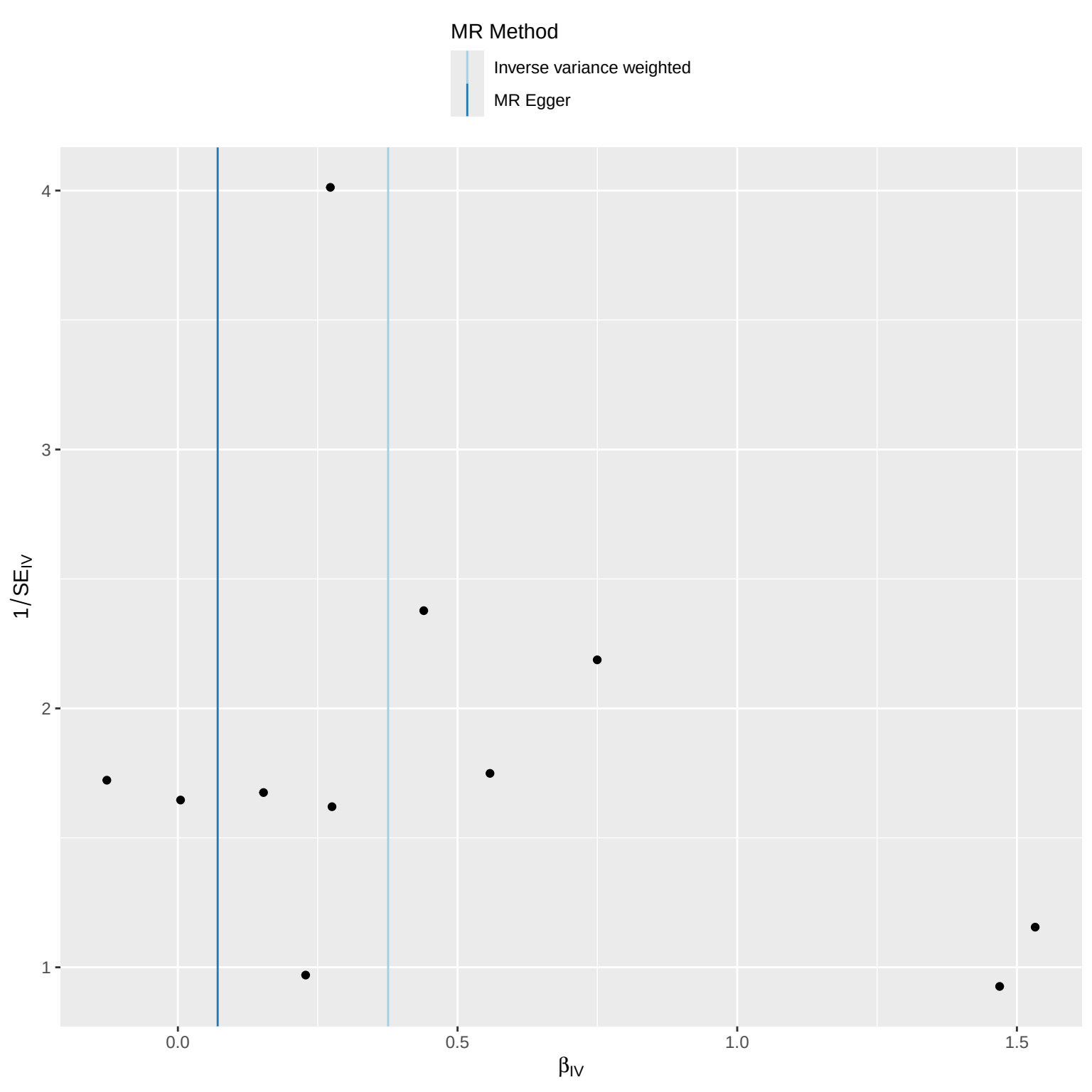

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
0.0
0.5
1.0
1.5
2.0
β_{IV}

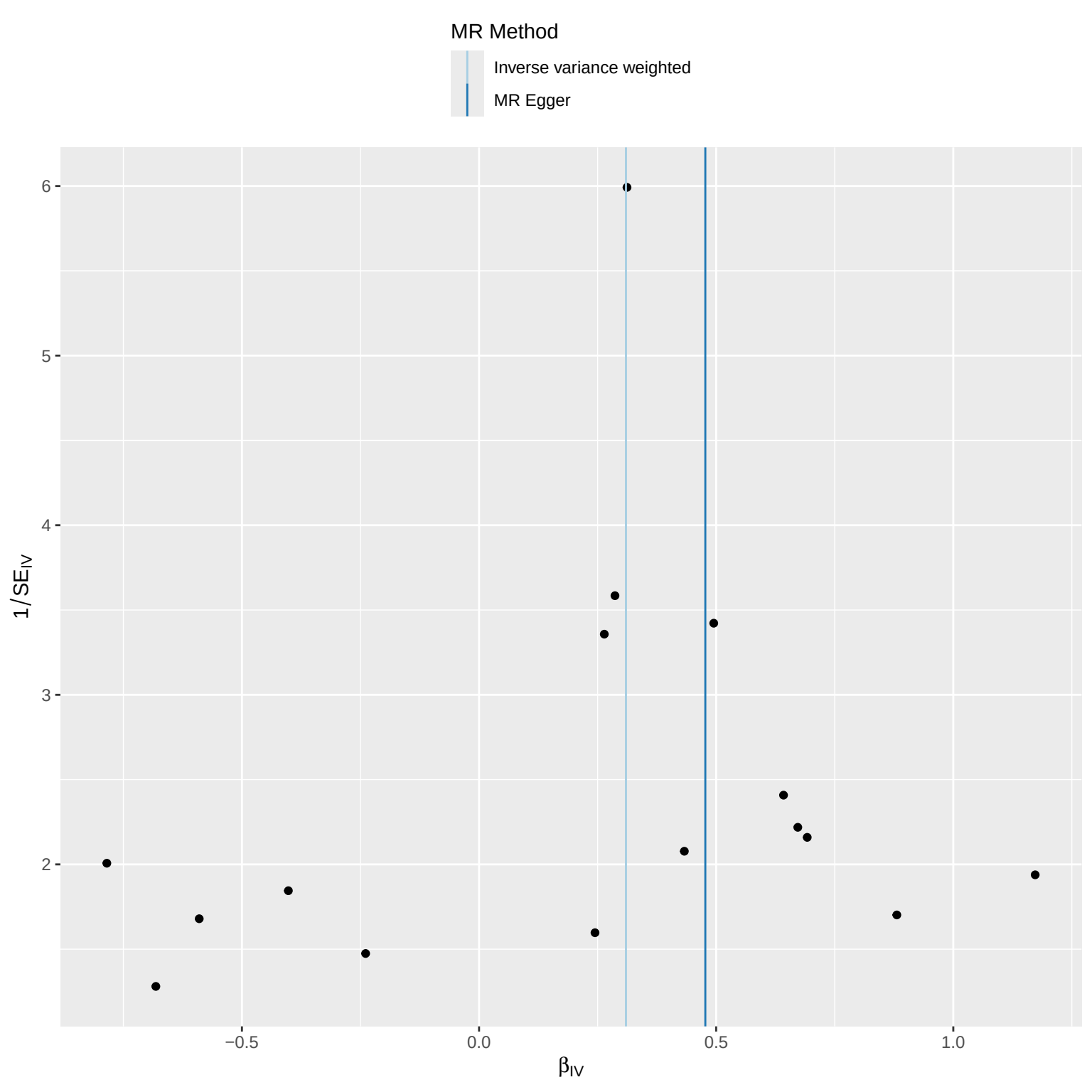

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
1/SE_IV
β_IV

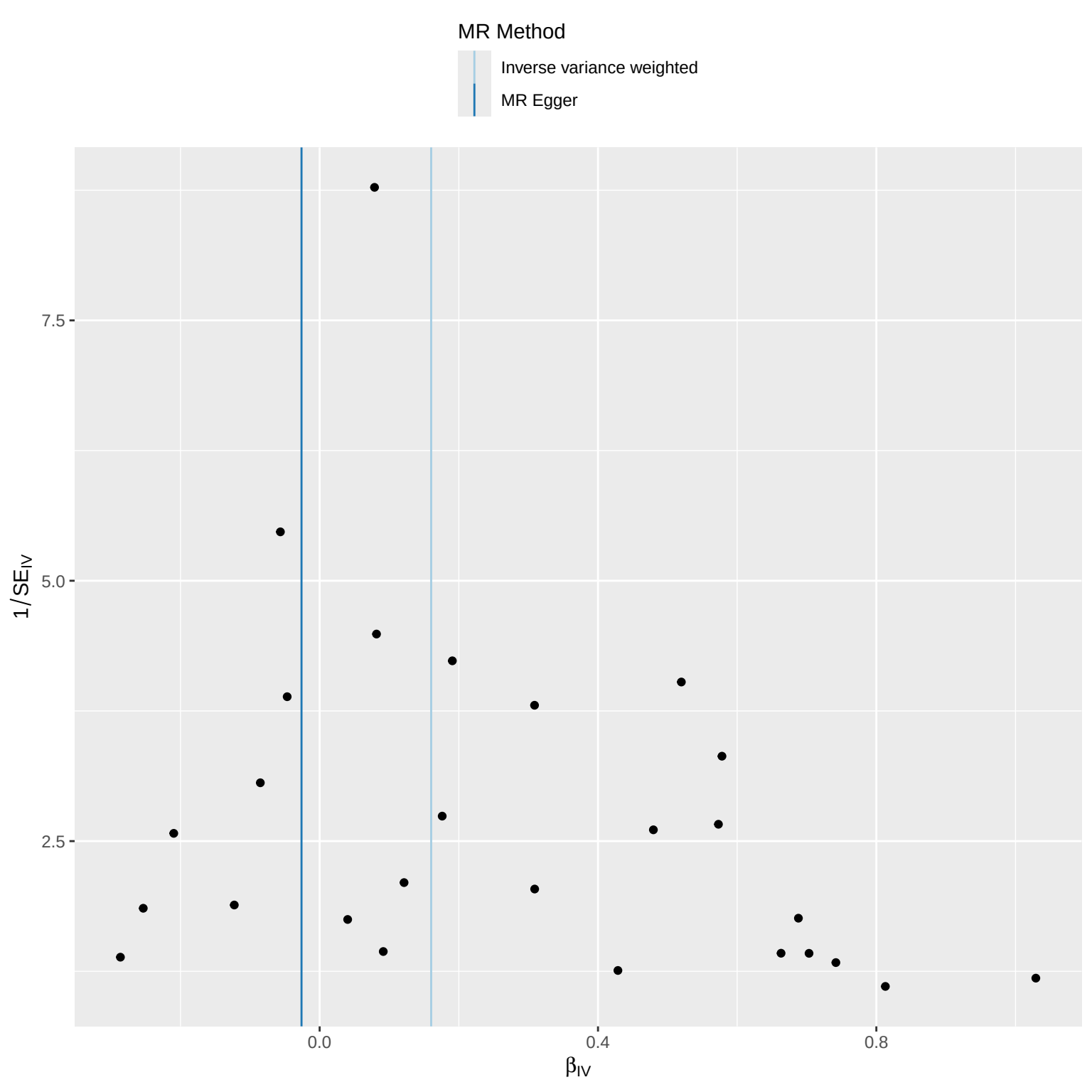

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

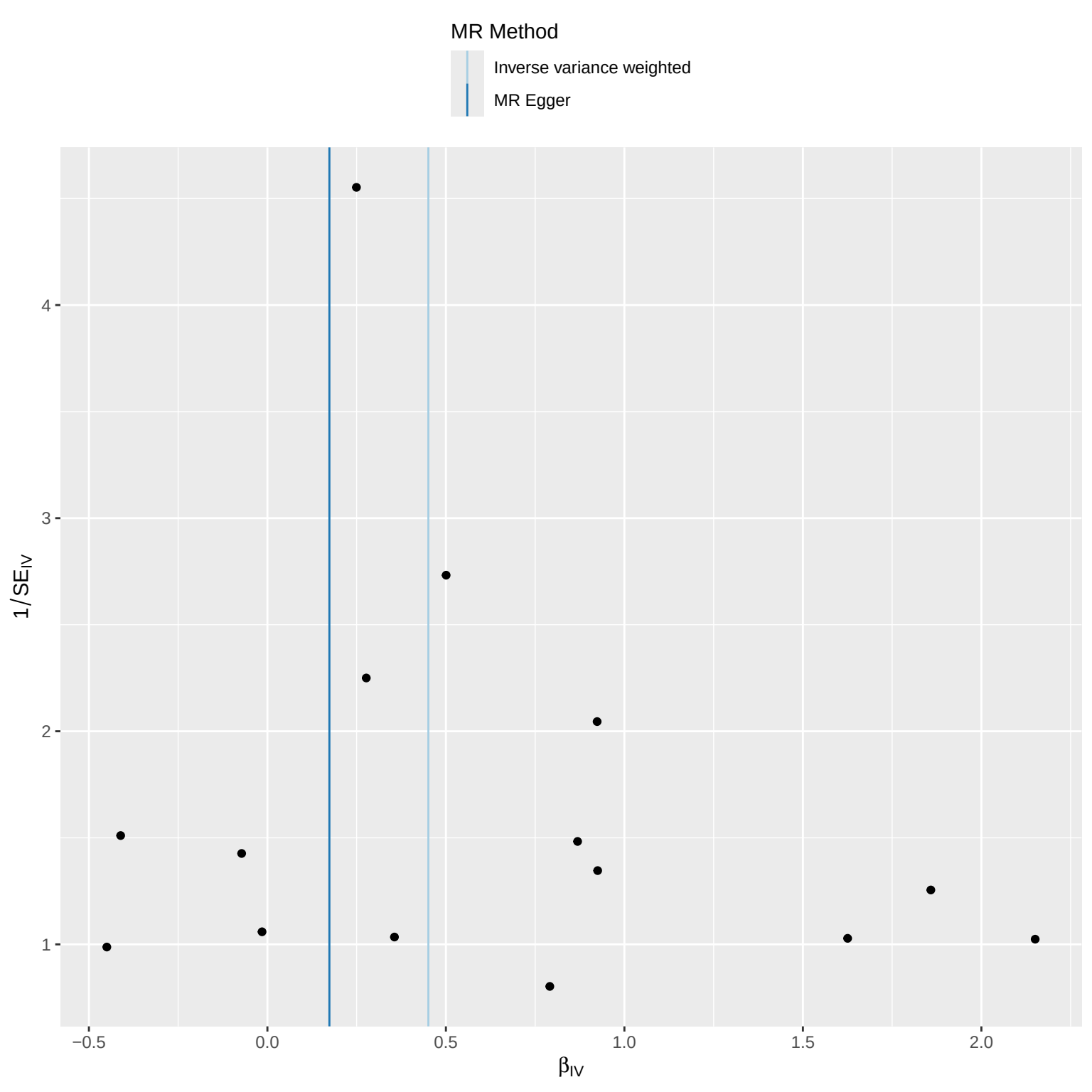

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

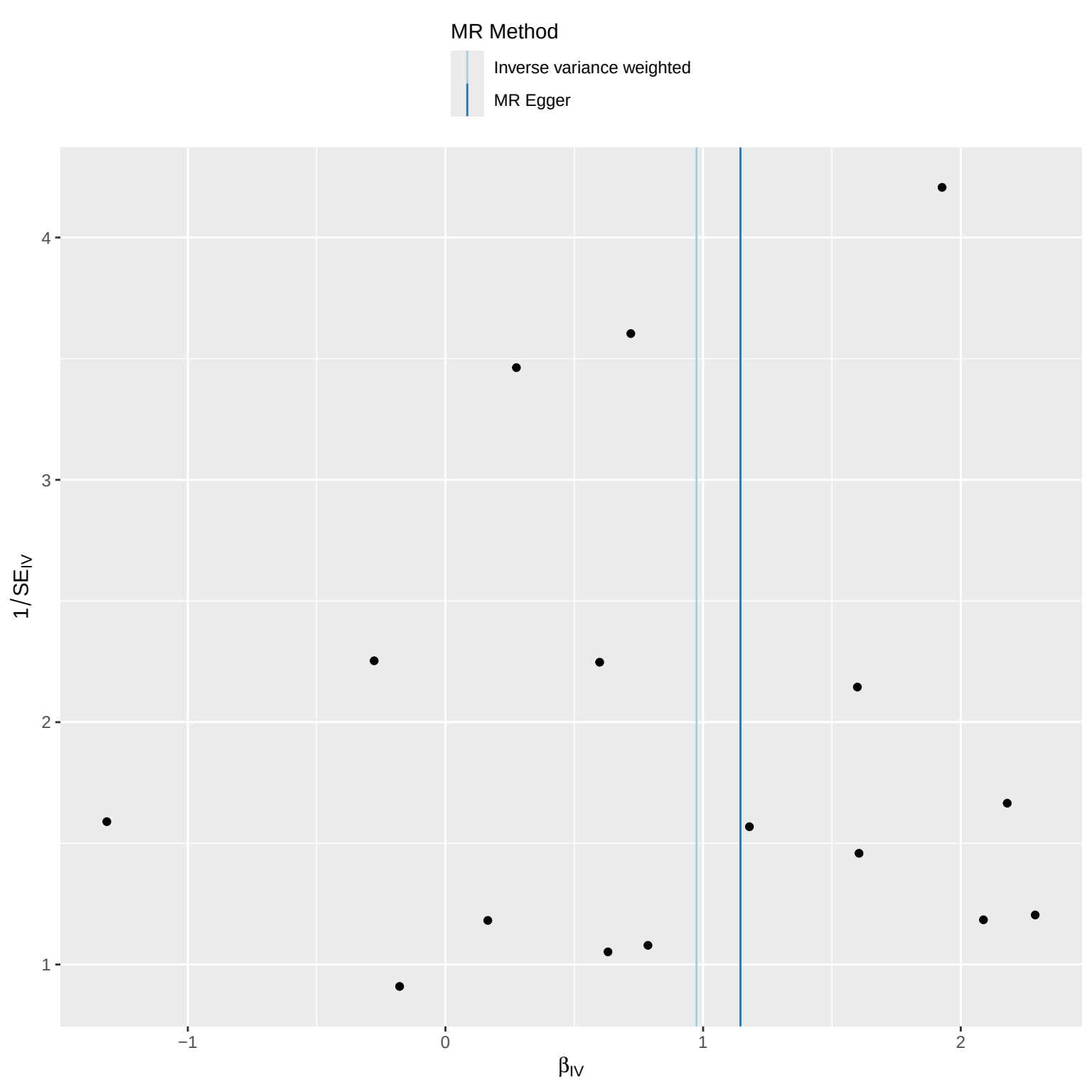

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

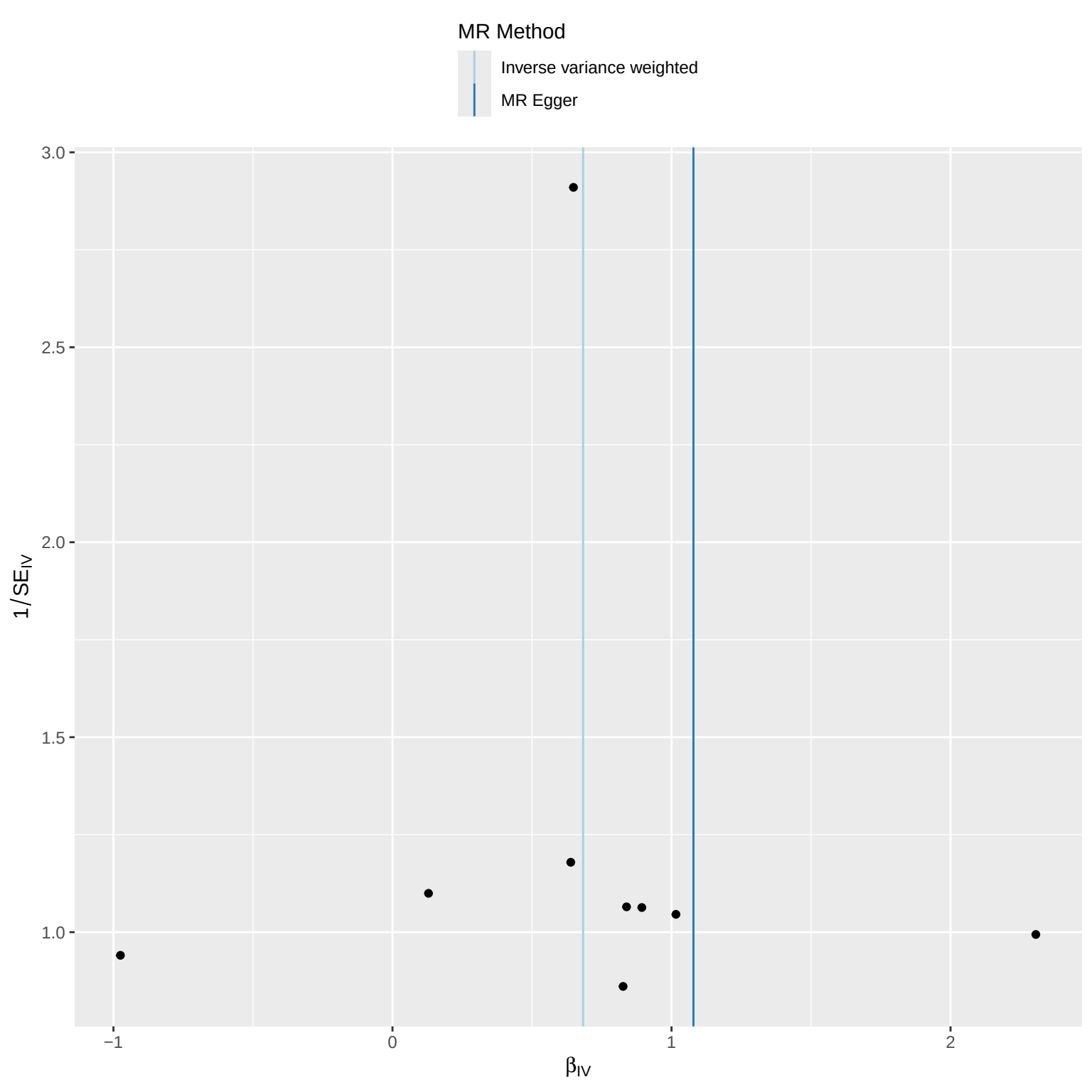

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

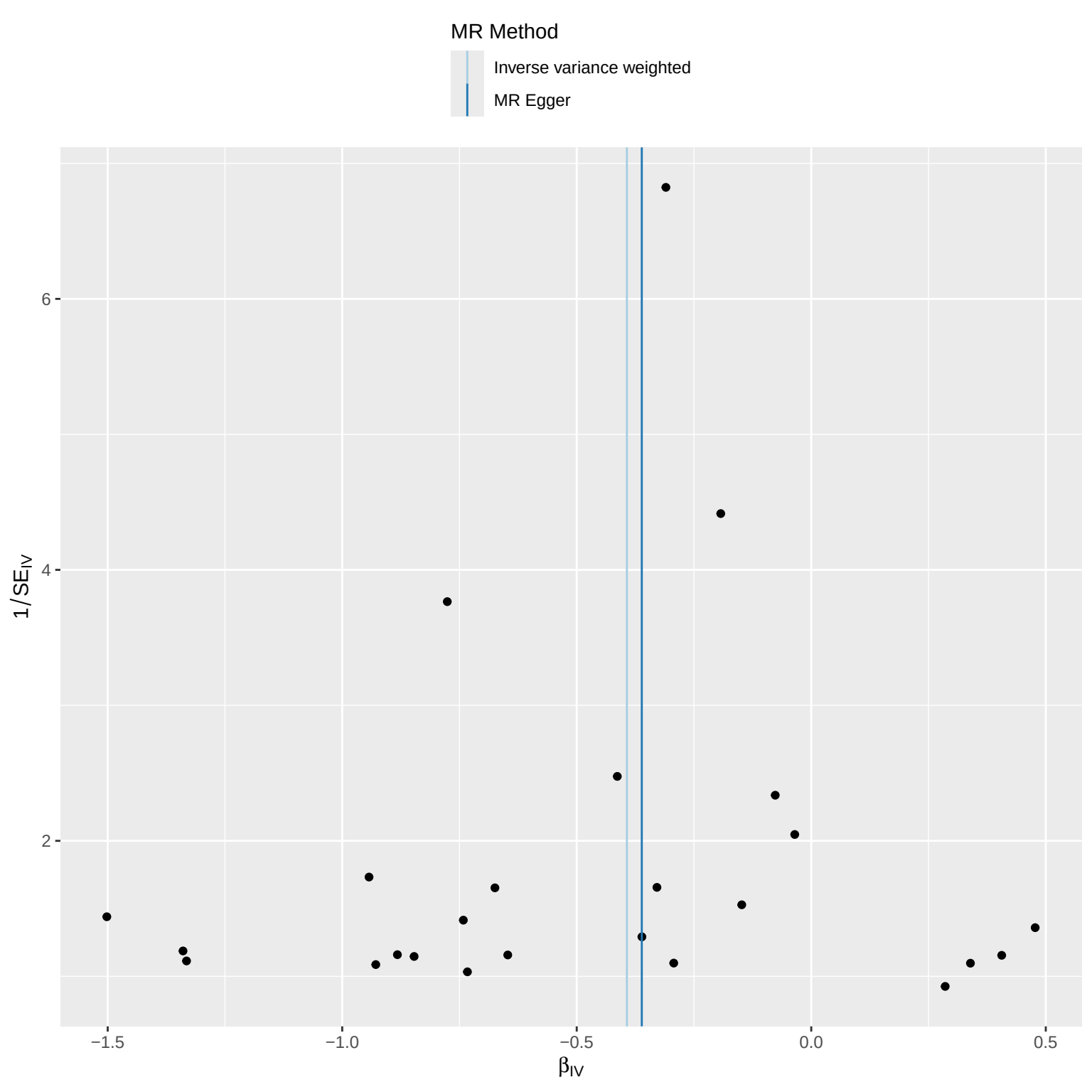

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

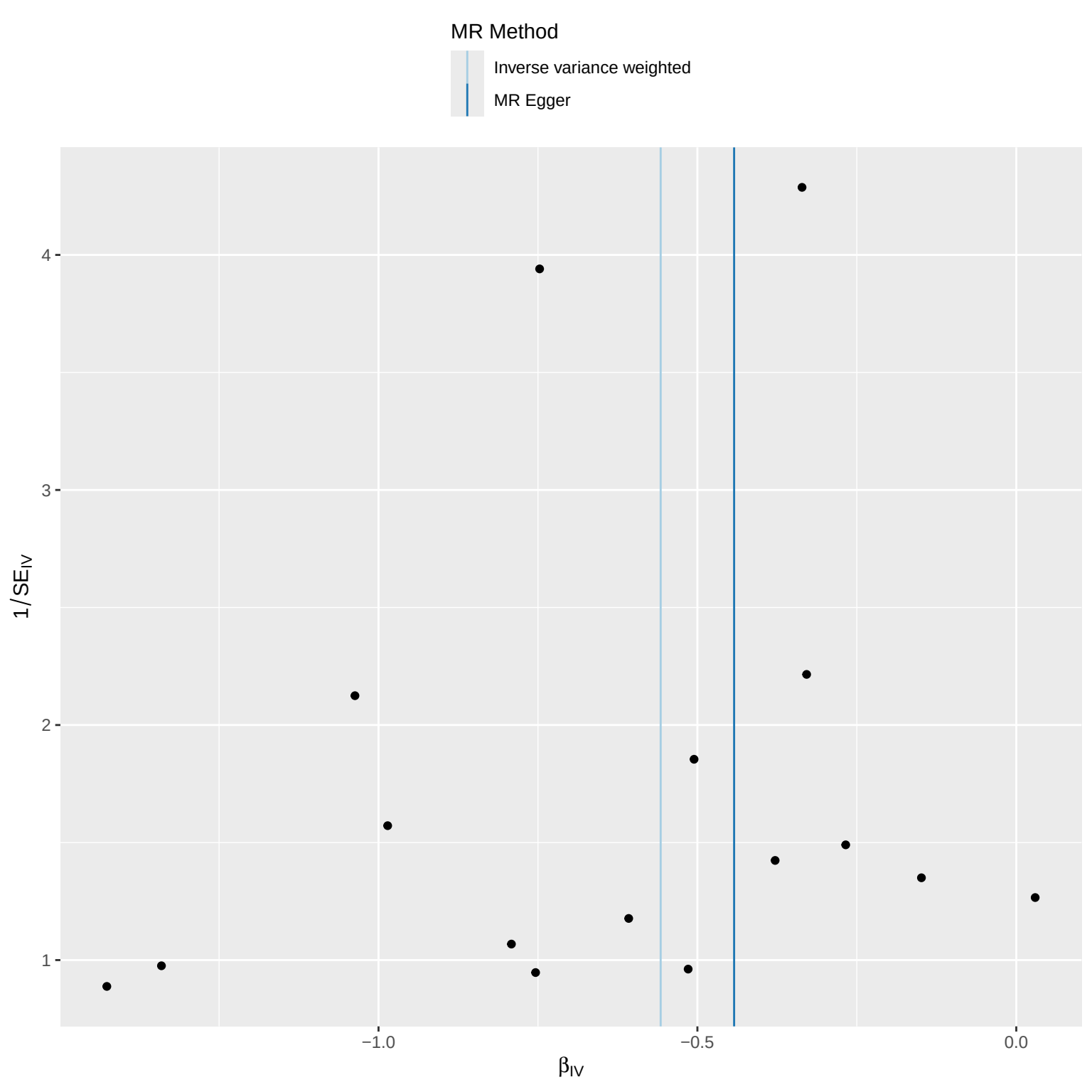

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
0.0
0.4
0.8
β_IV

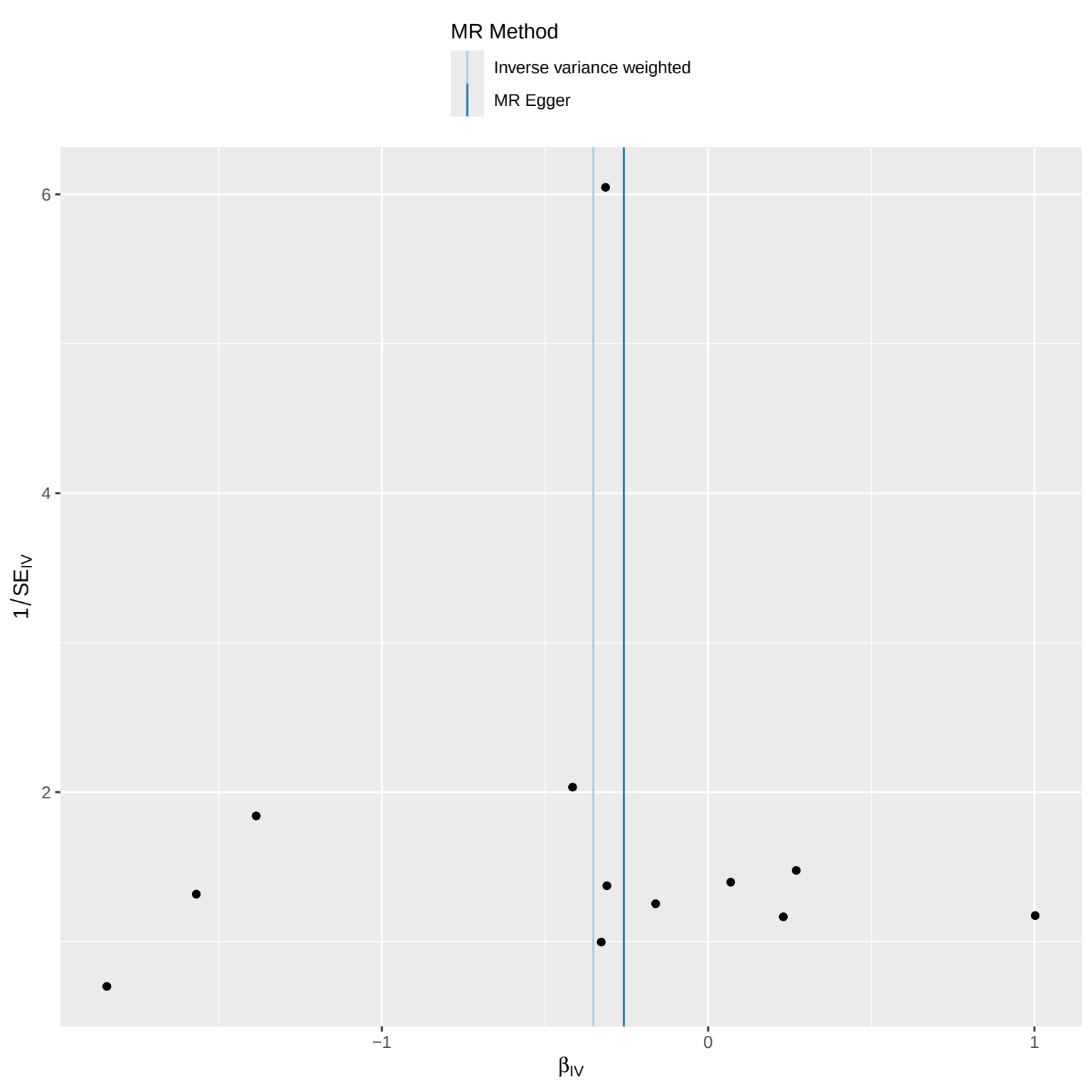

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

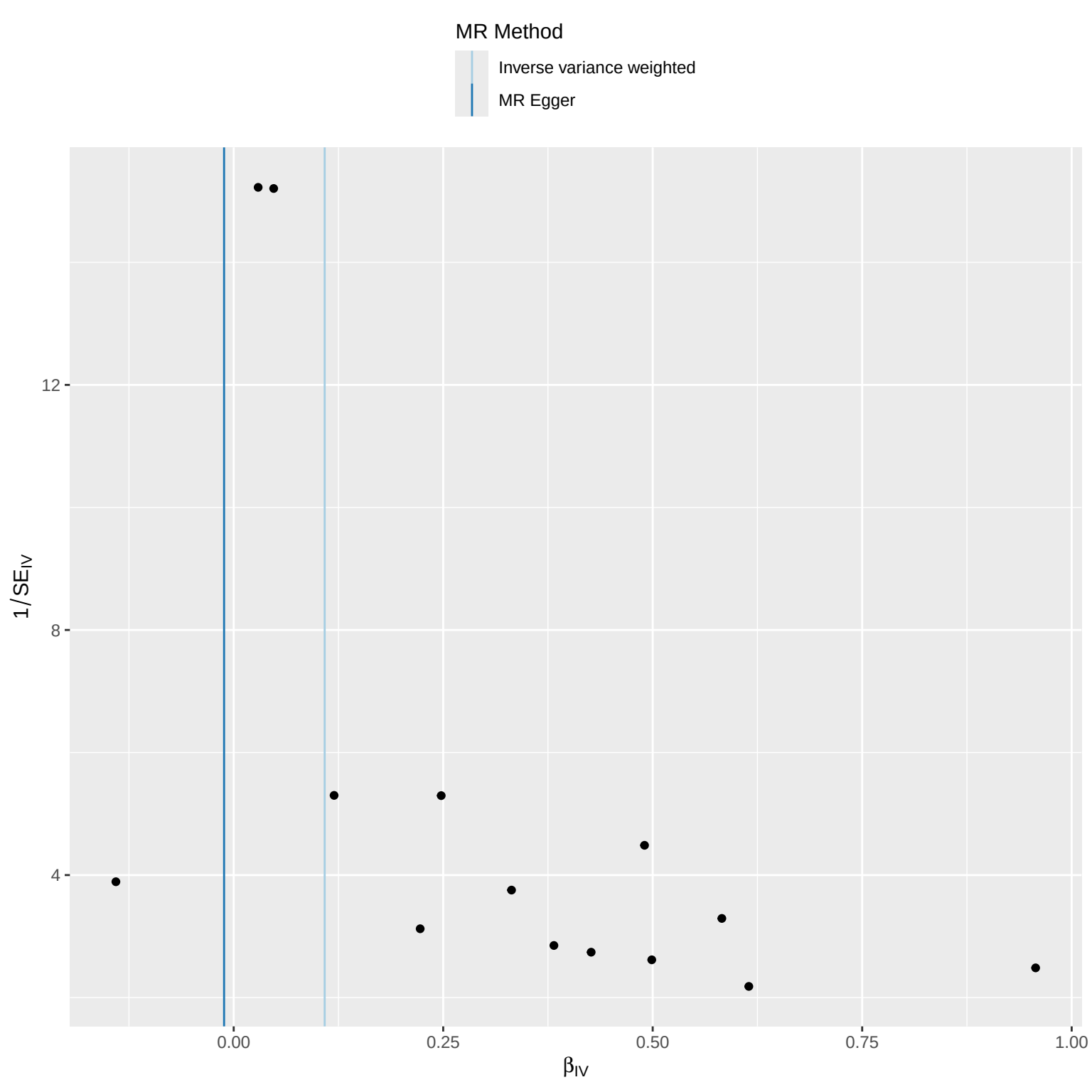

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

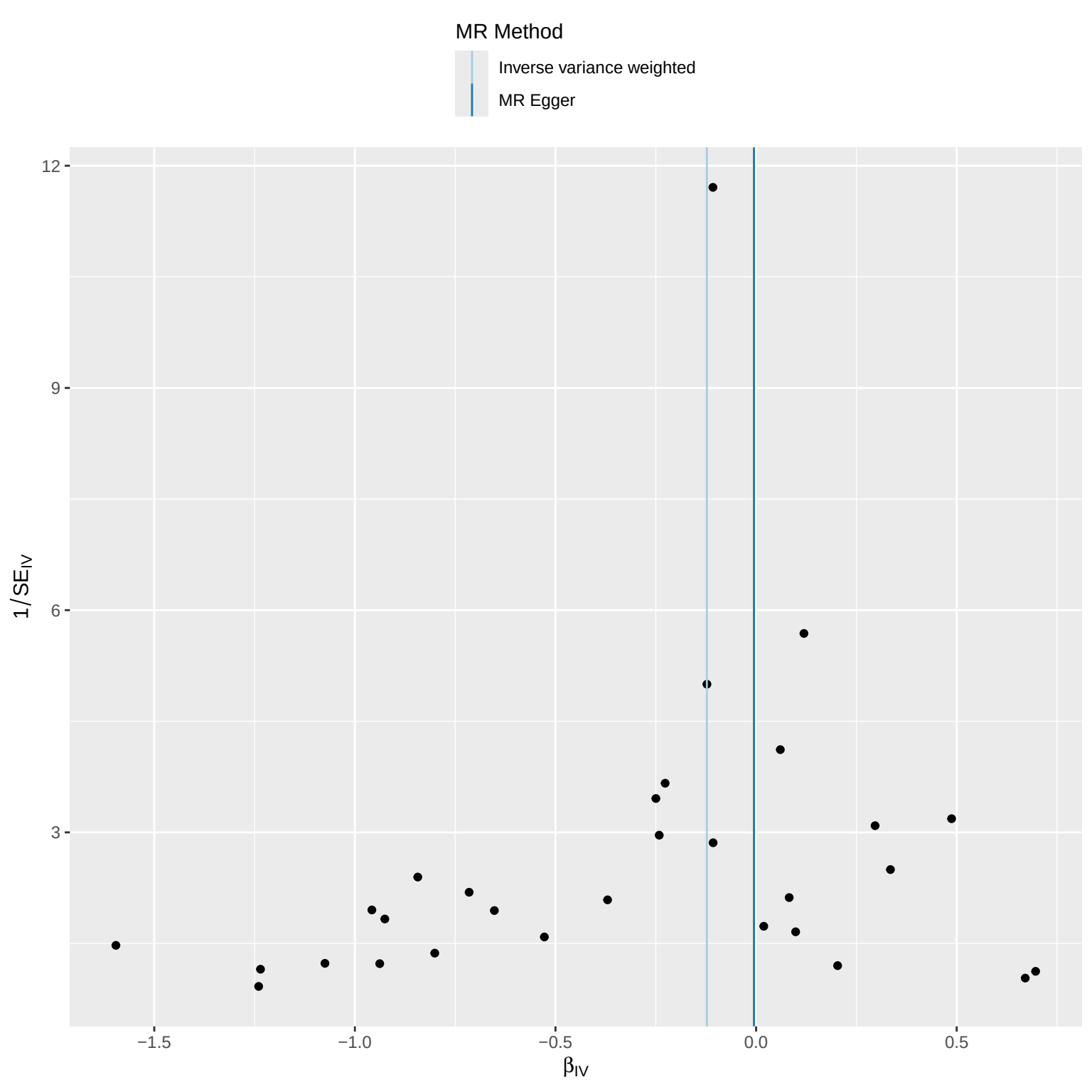

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

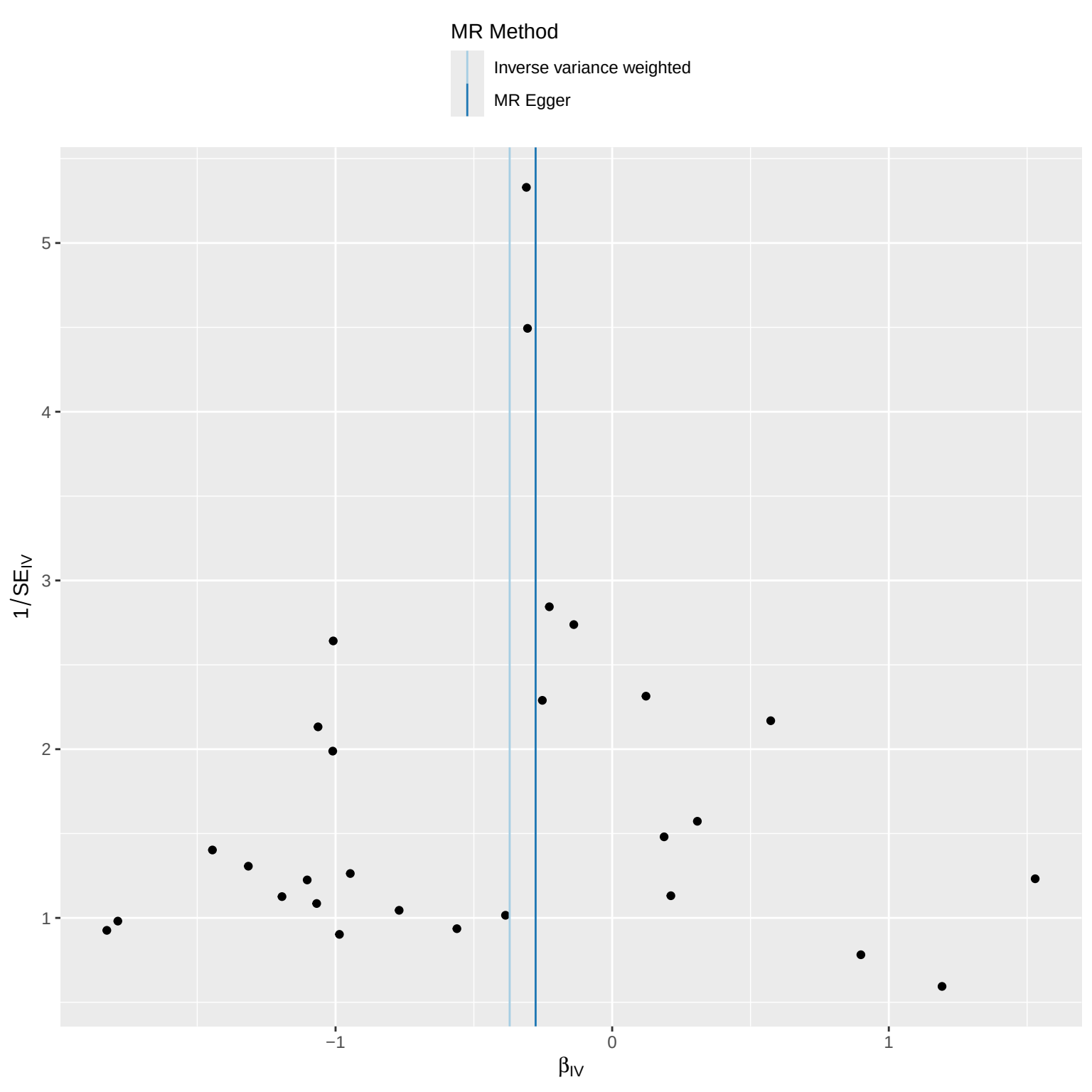

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

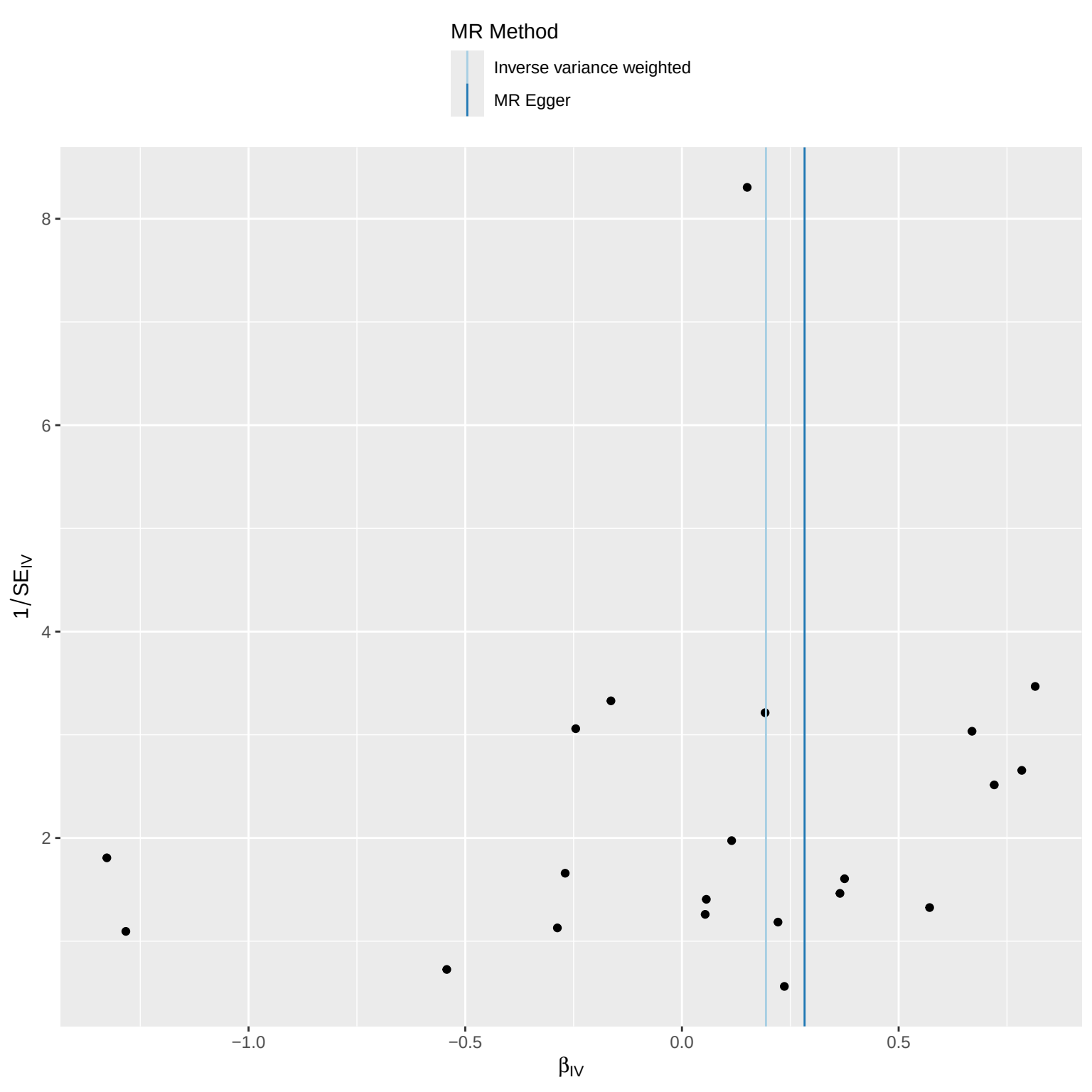

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
β_IV

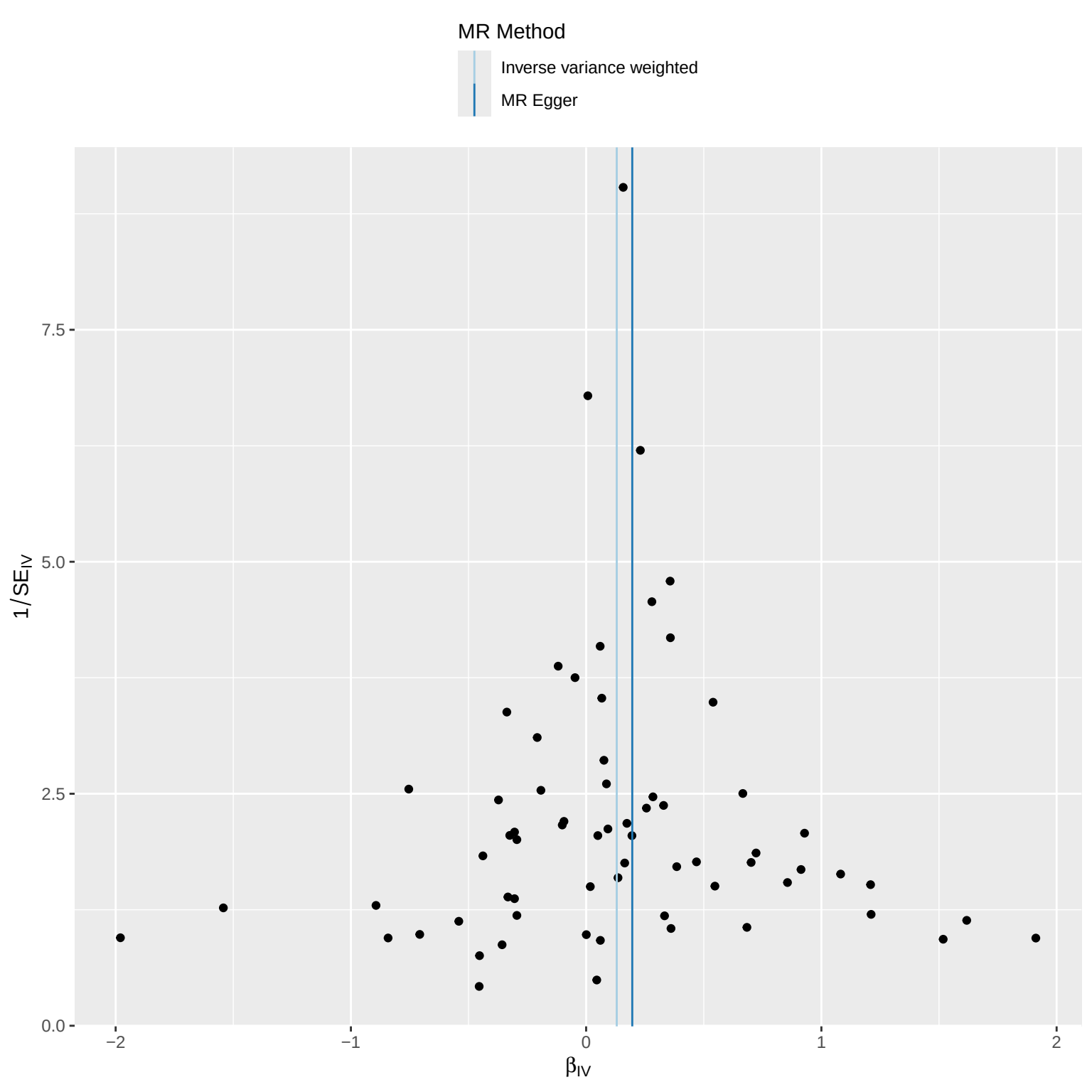

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

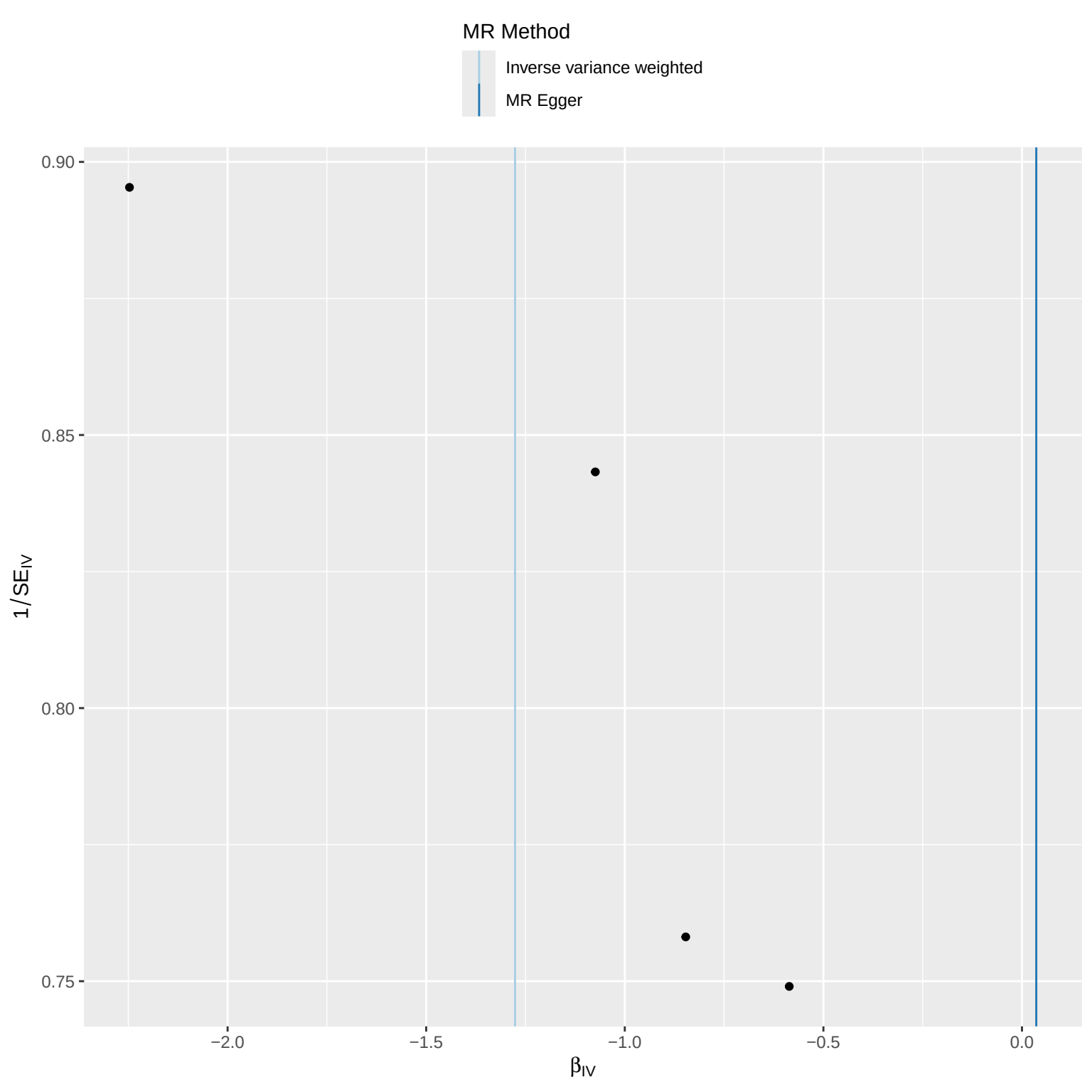

MR Method
Inverse variance weighted
MR Egger
12
8
4
1/SE_IV
0.00
0.25
0.50
0.75
1.00
β_IV

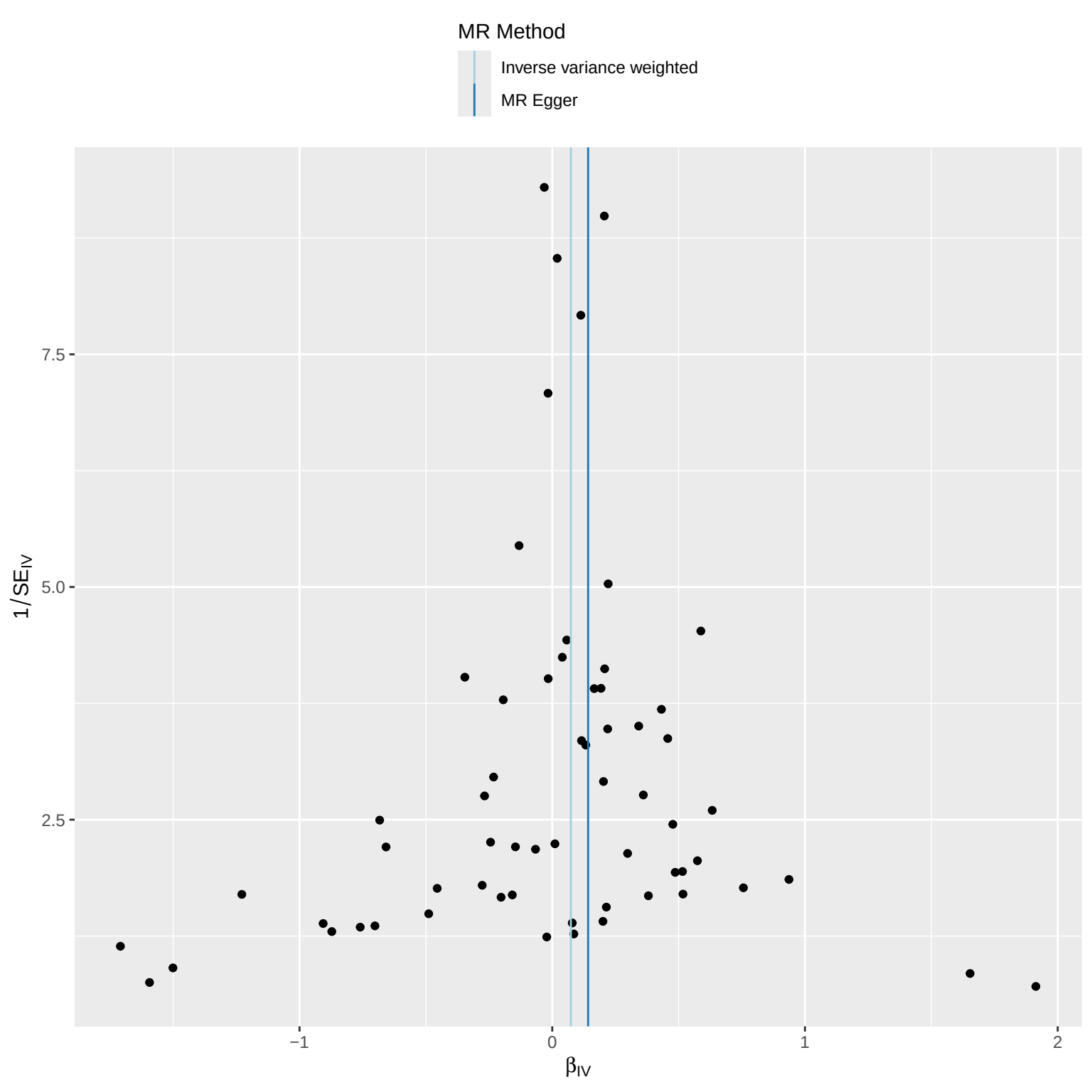

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

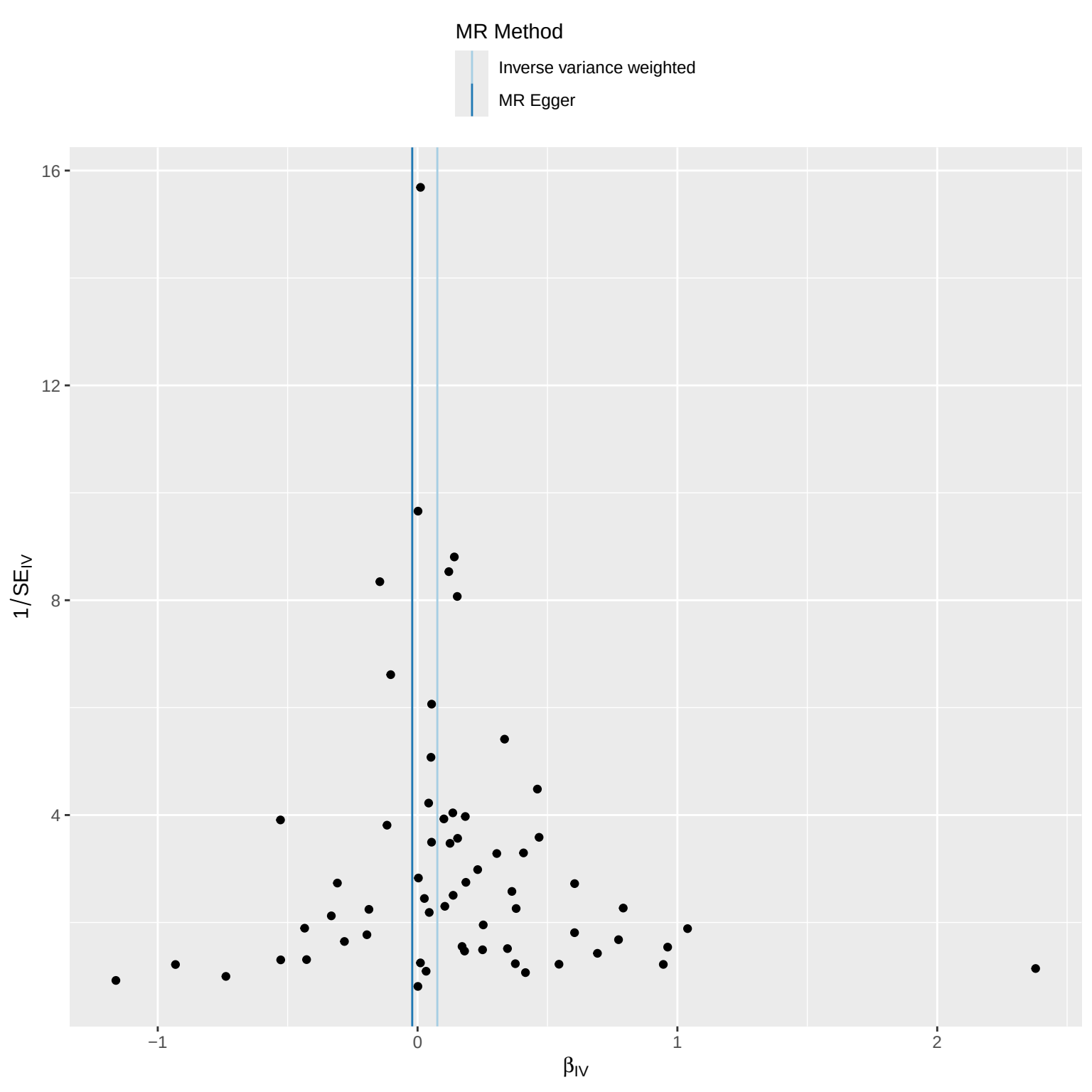

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

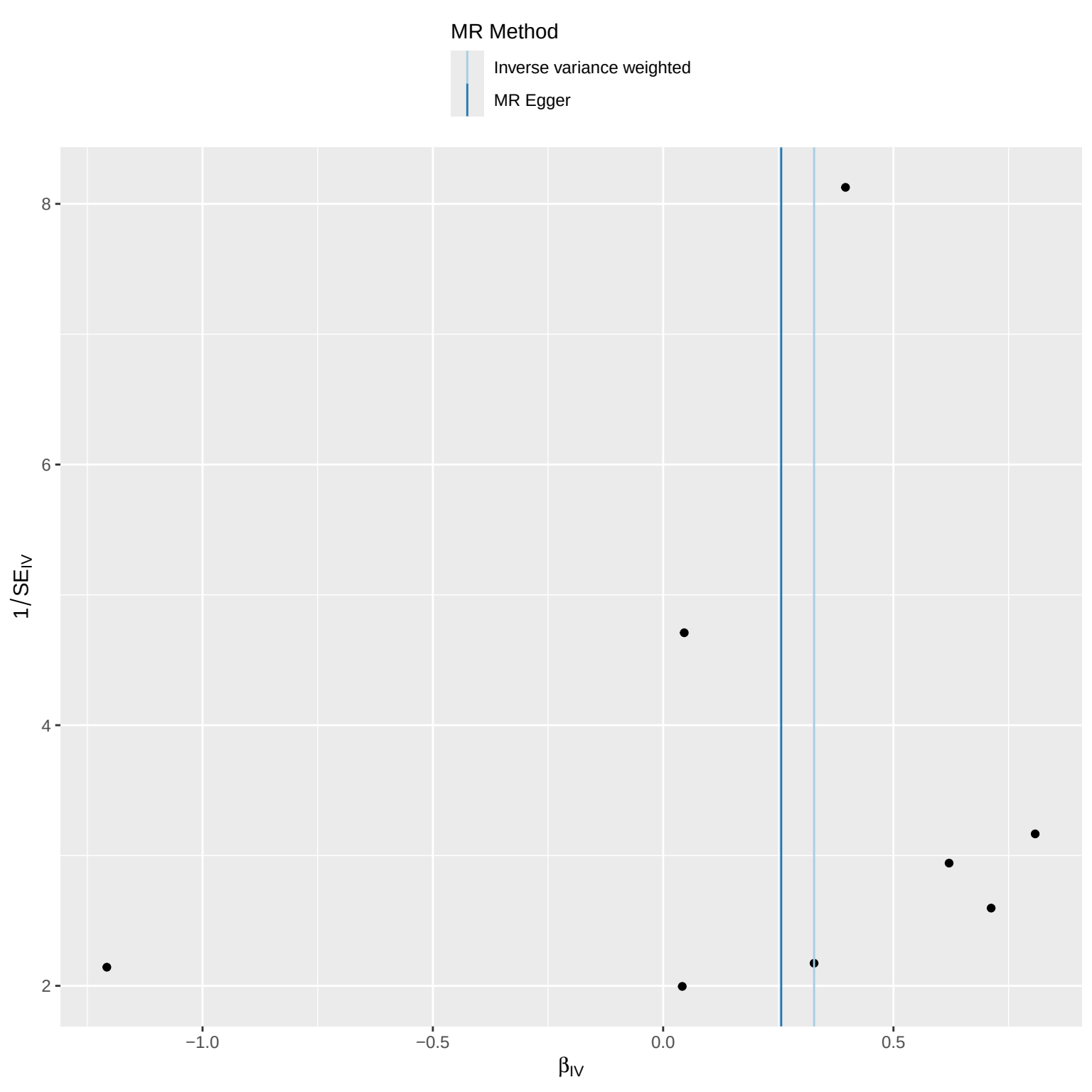

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

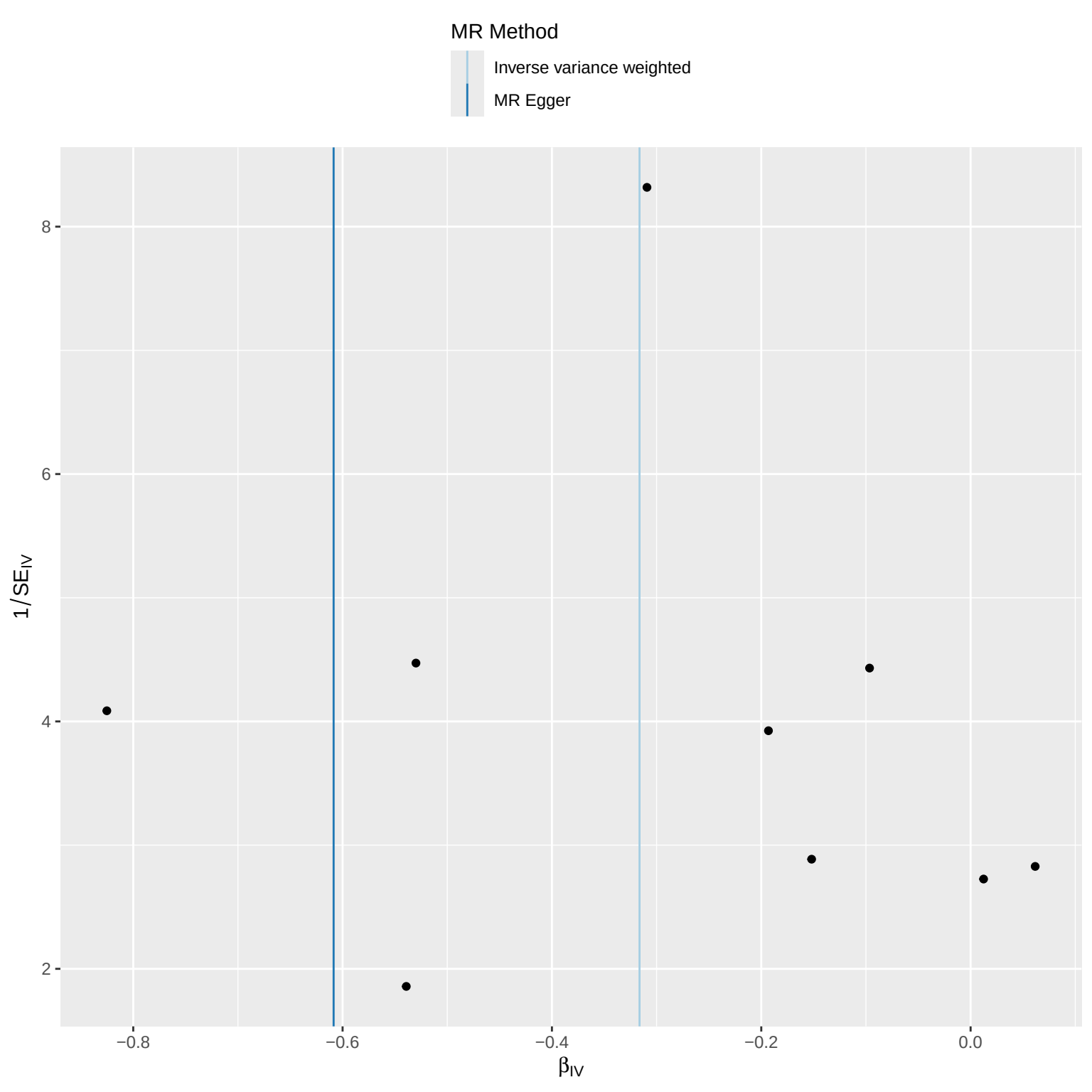

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−2
−1
0
1
2
β_IV

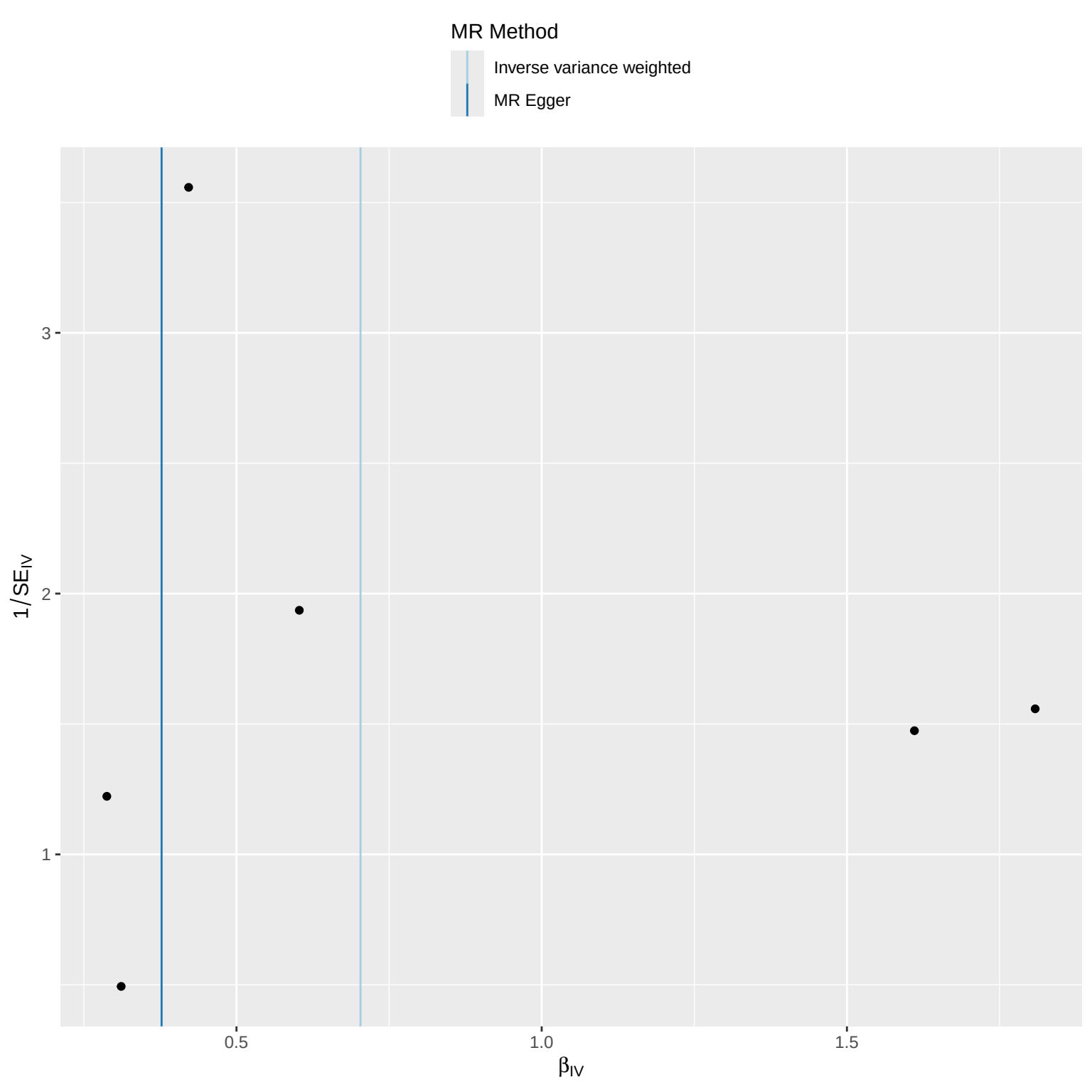

MR Method
Inverse variance weighted
MR Egger
0.90
0.85
0.80
0.75
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

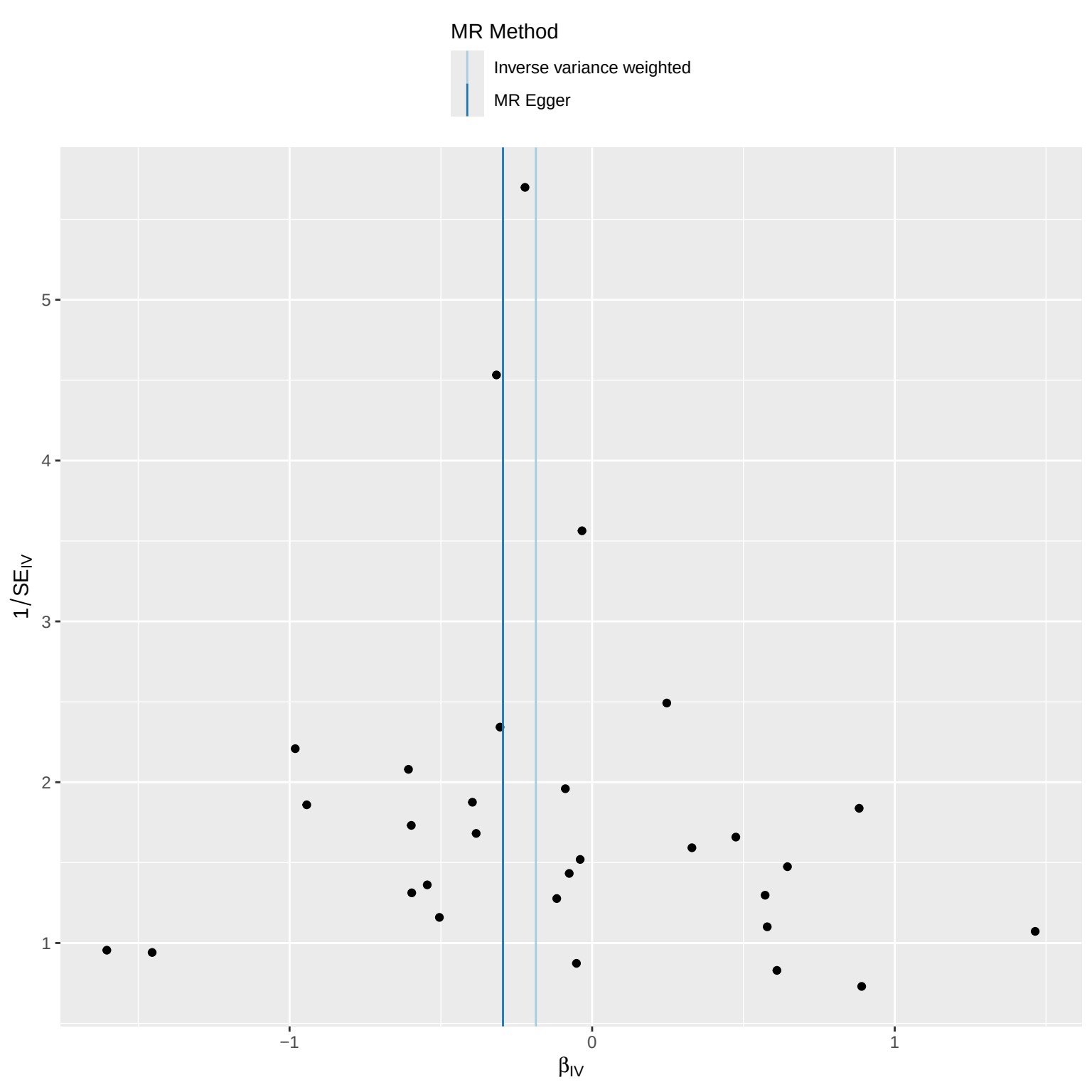

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

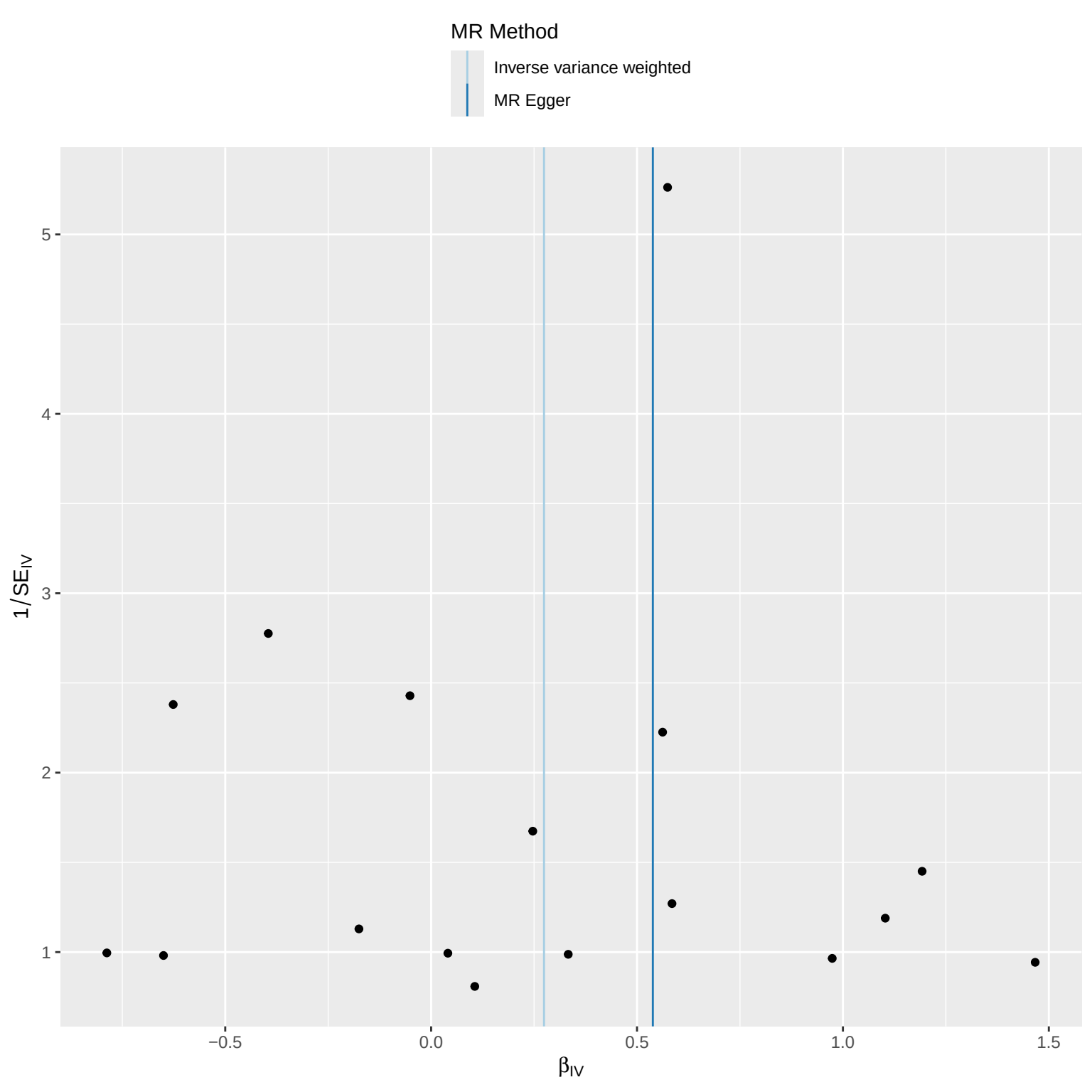

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−1
0
1
2
β_IV

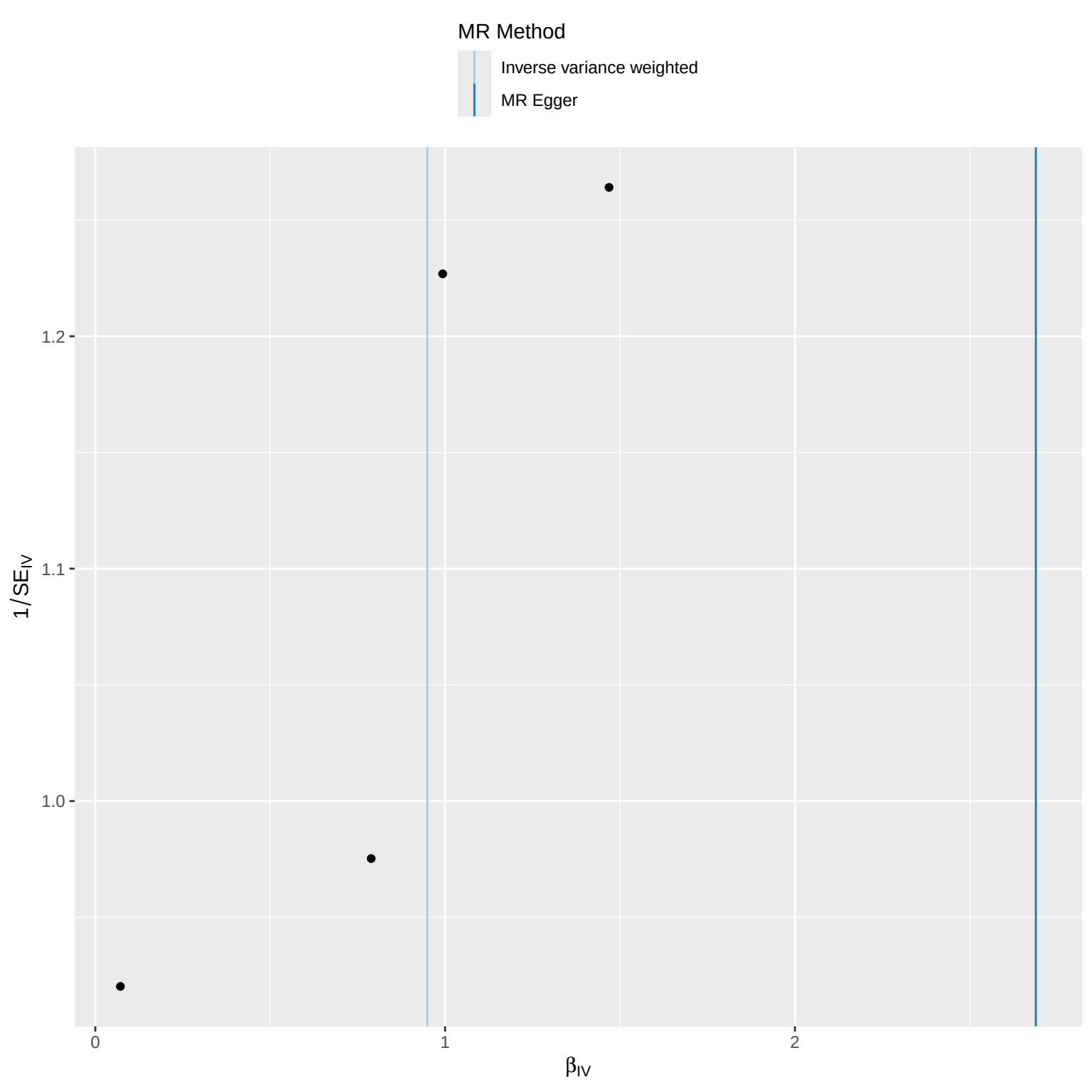

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

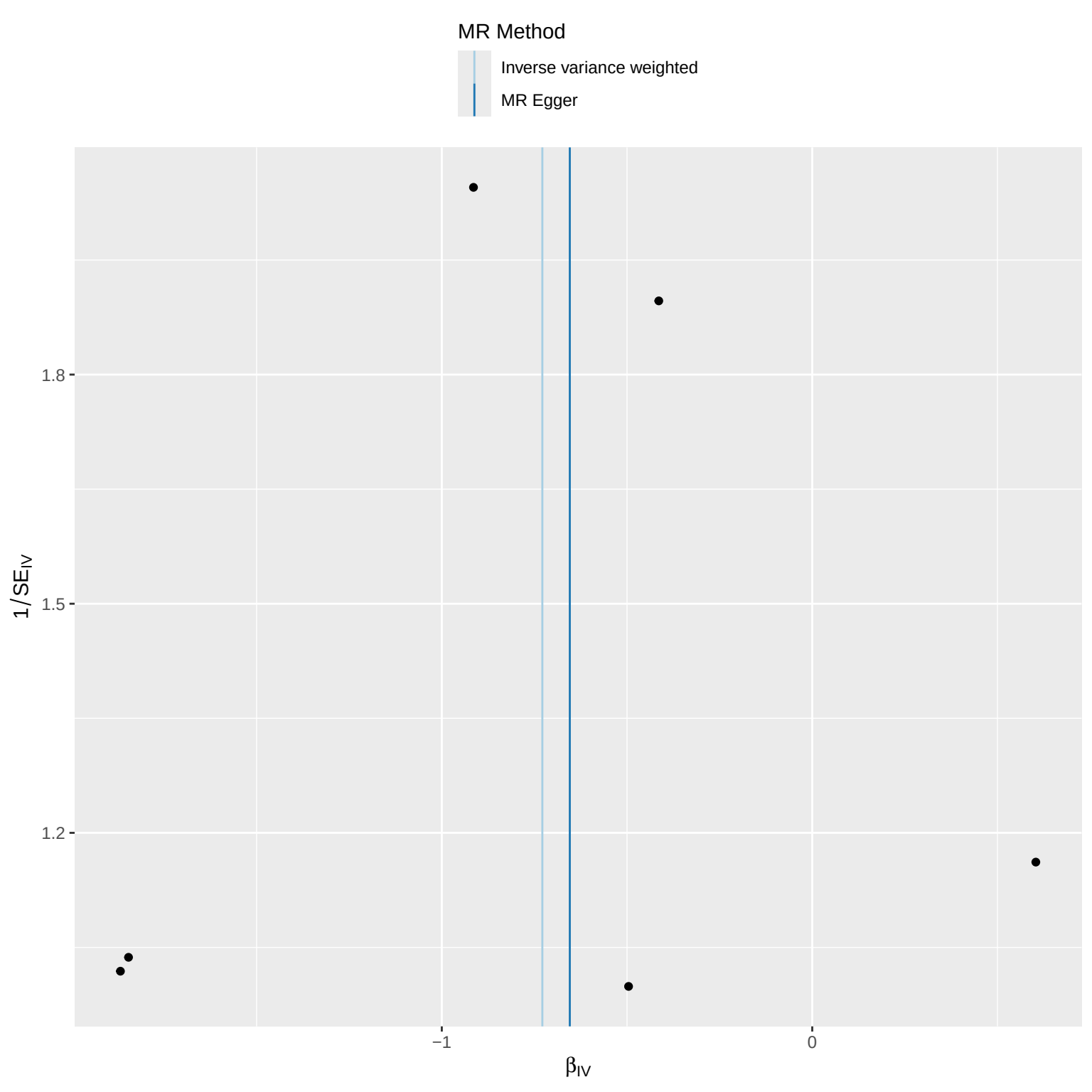

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.8
−0.6
−0.4
−0.2
0.0
β_IV

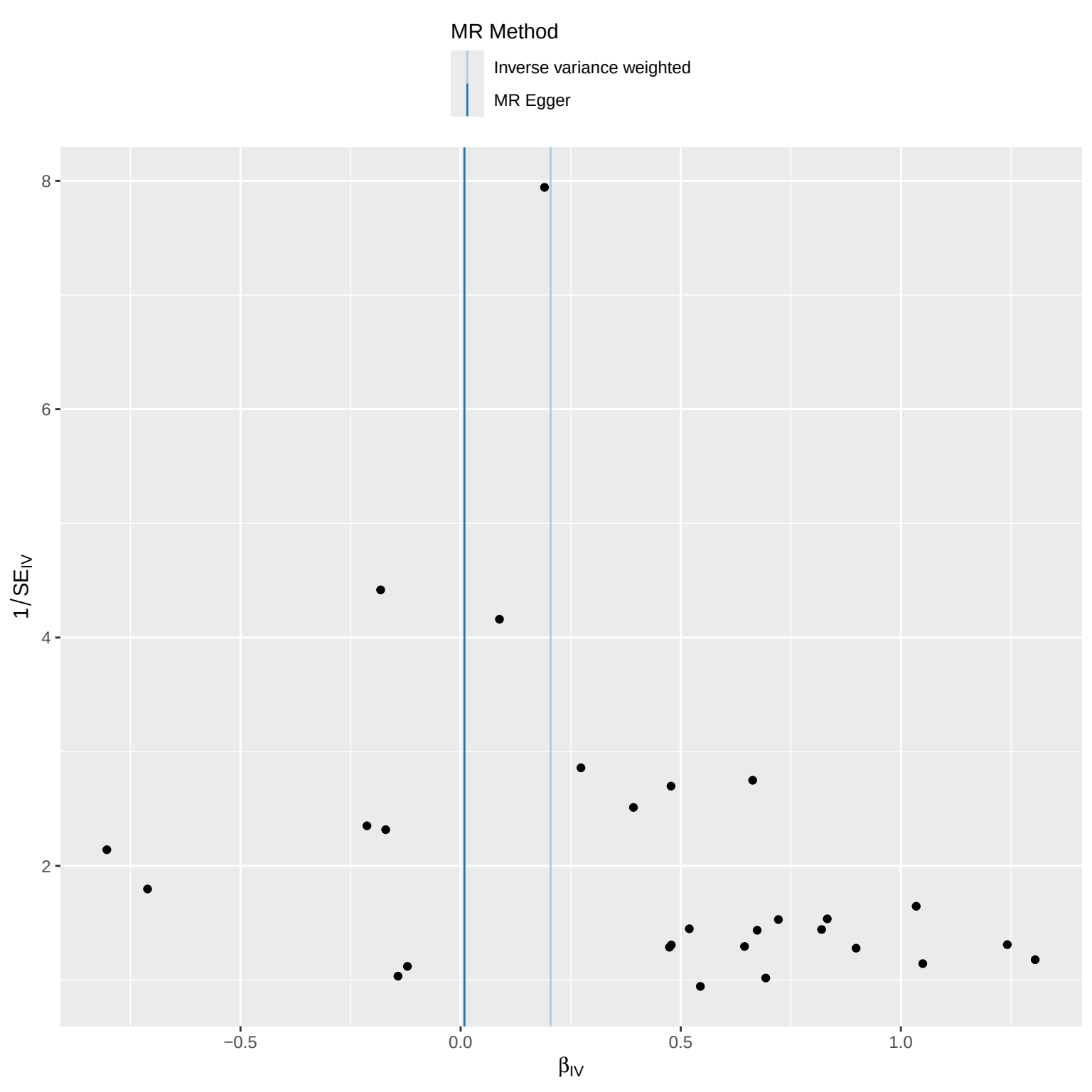

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.5
1.0
1.5
β_IV

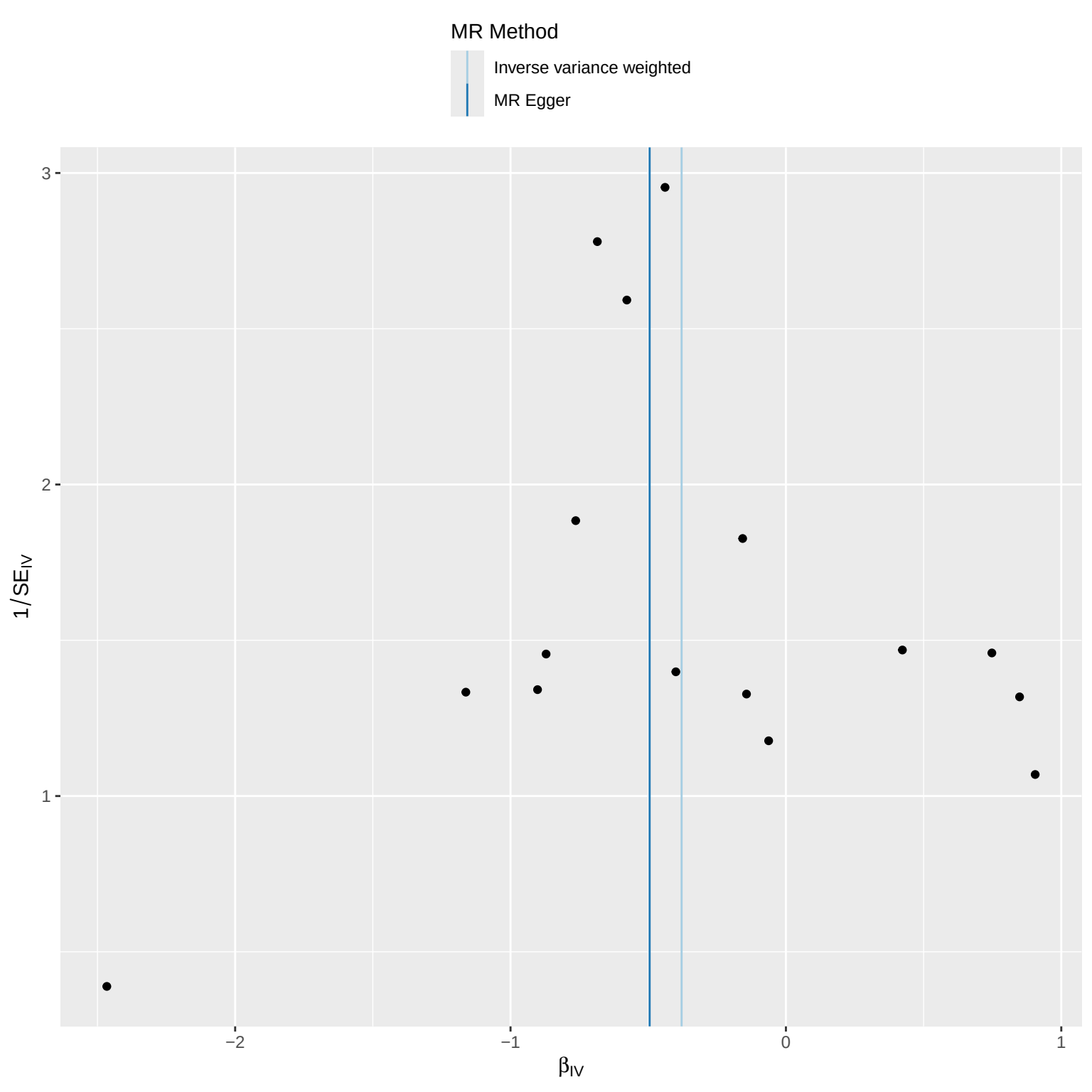

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

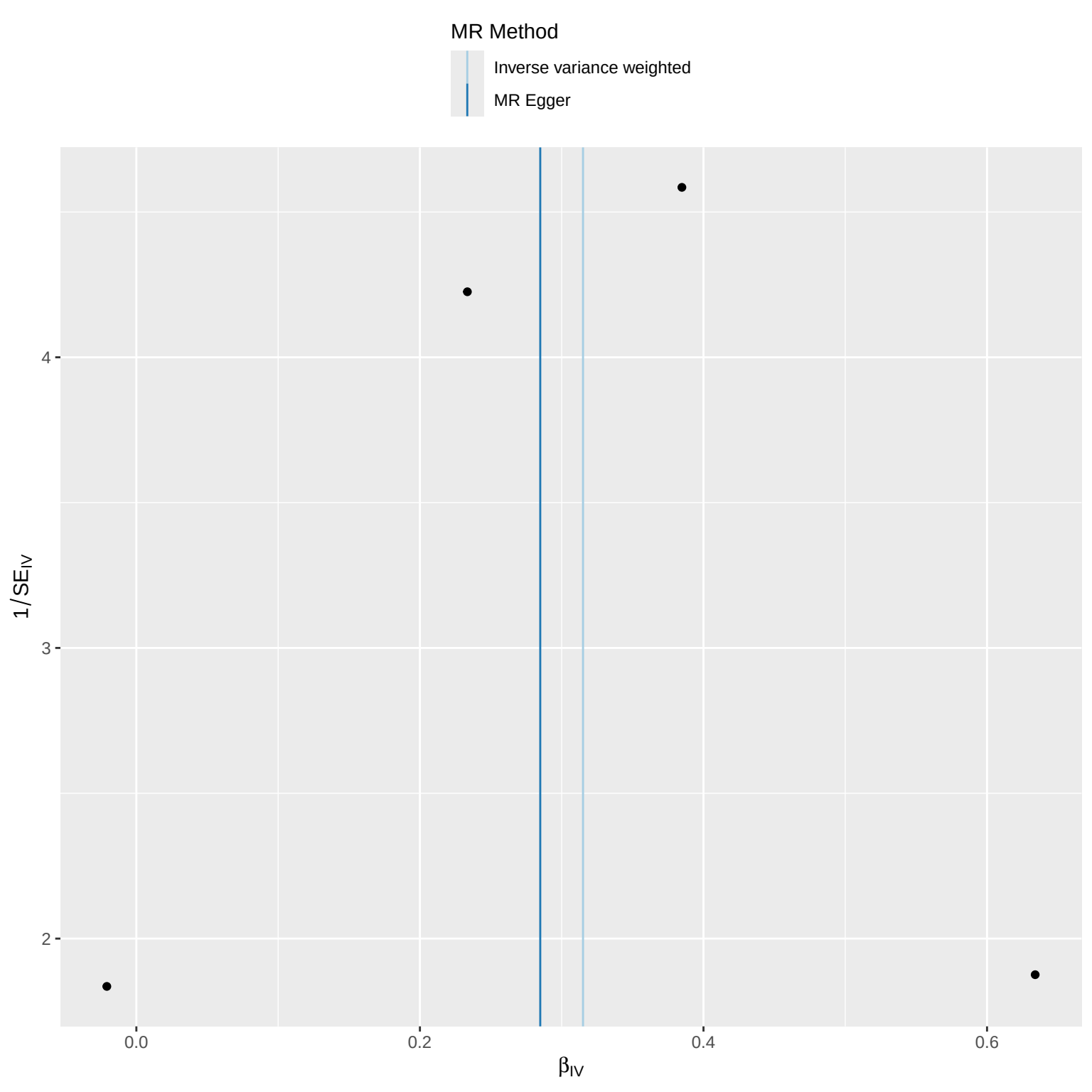

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

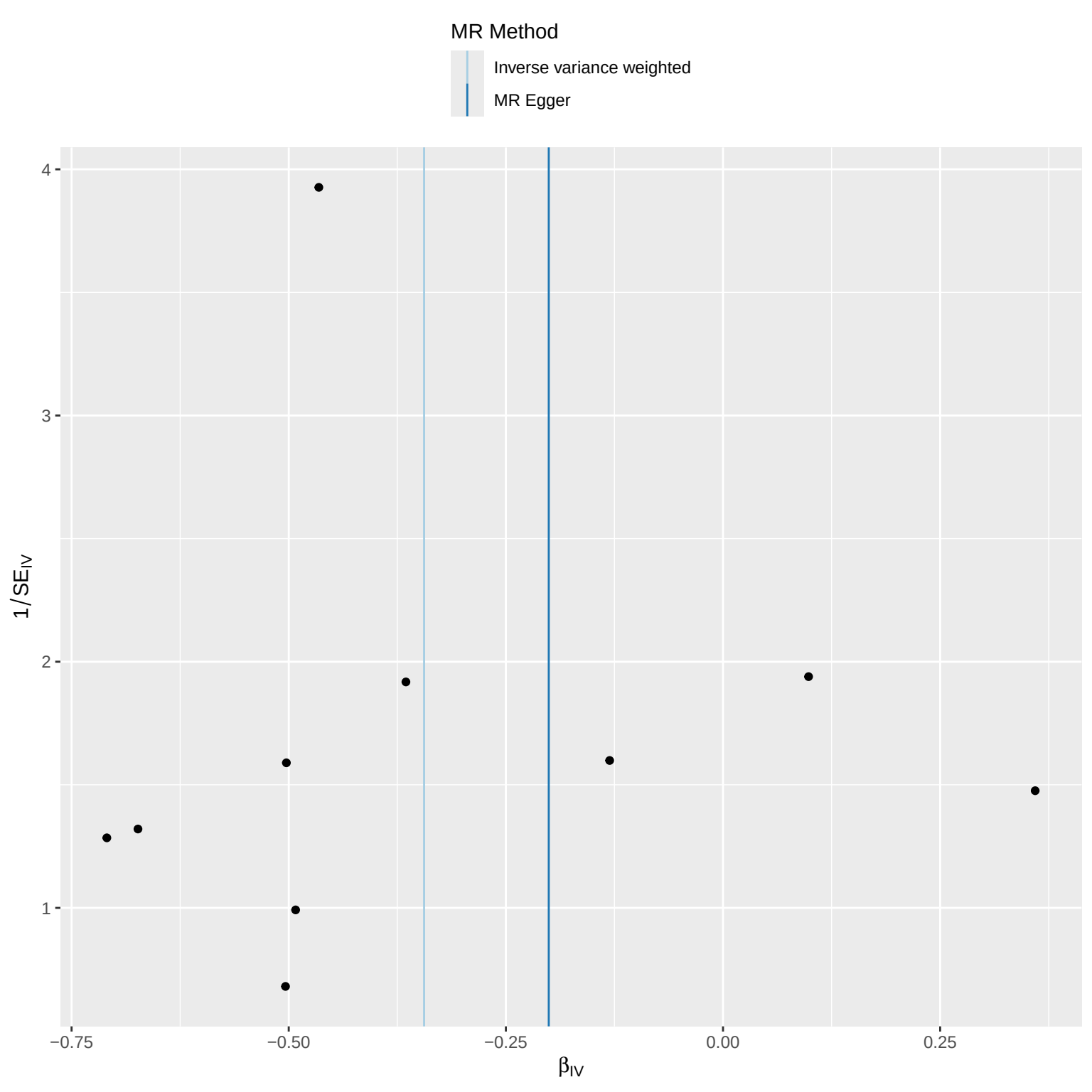

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
1/SE_IV
0
1
2
β_IV

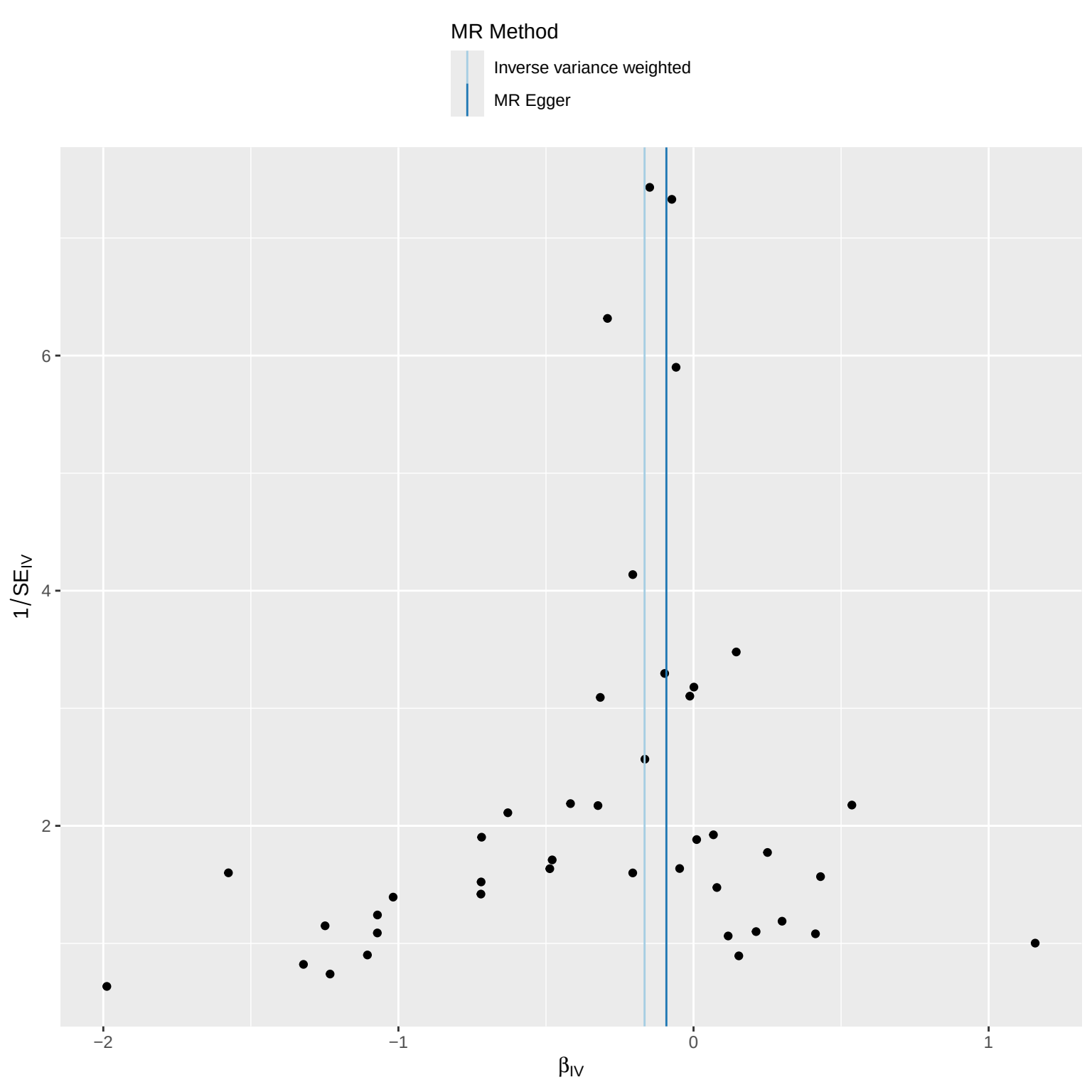

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
1/SE_IV
−1
0
β_IV

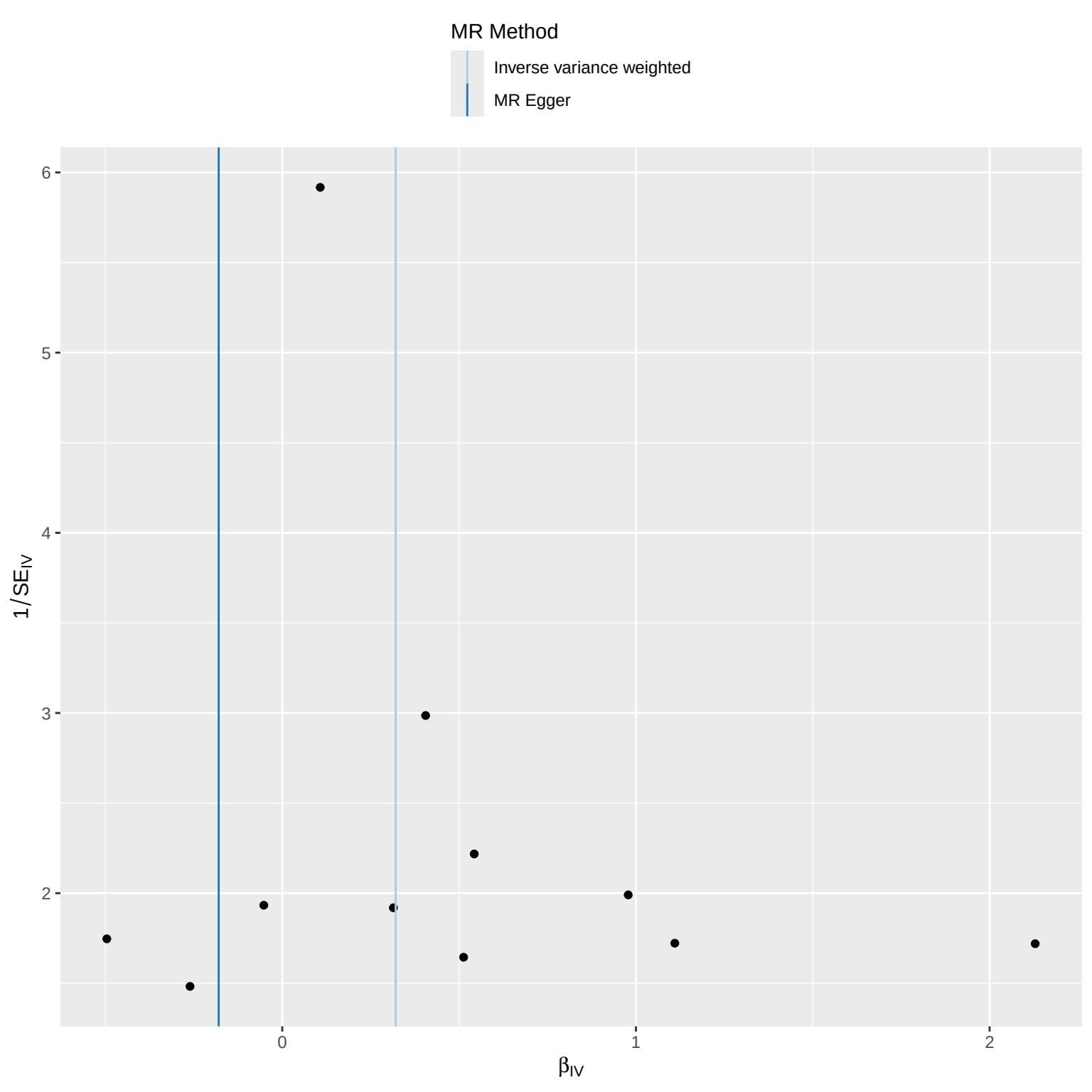

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

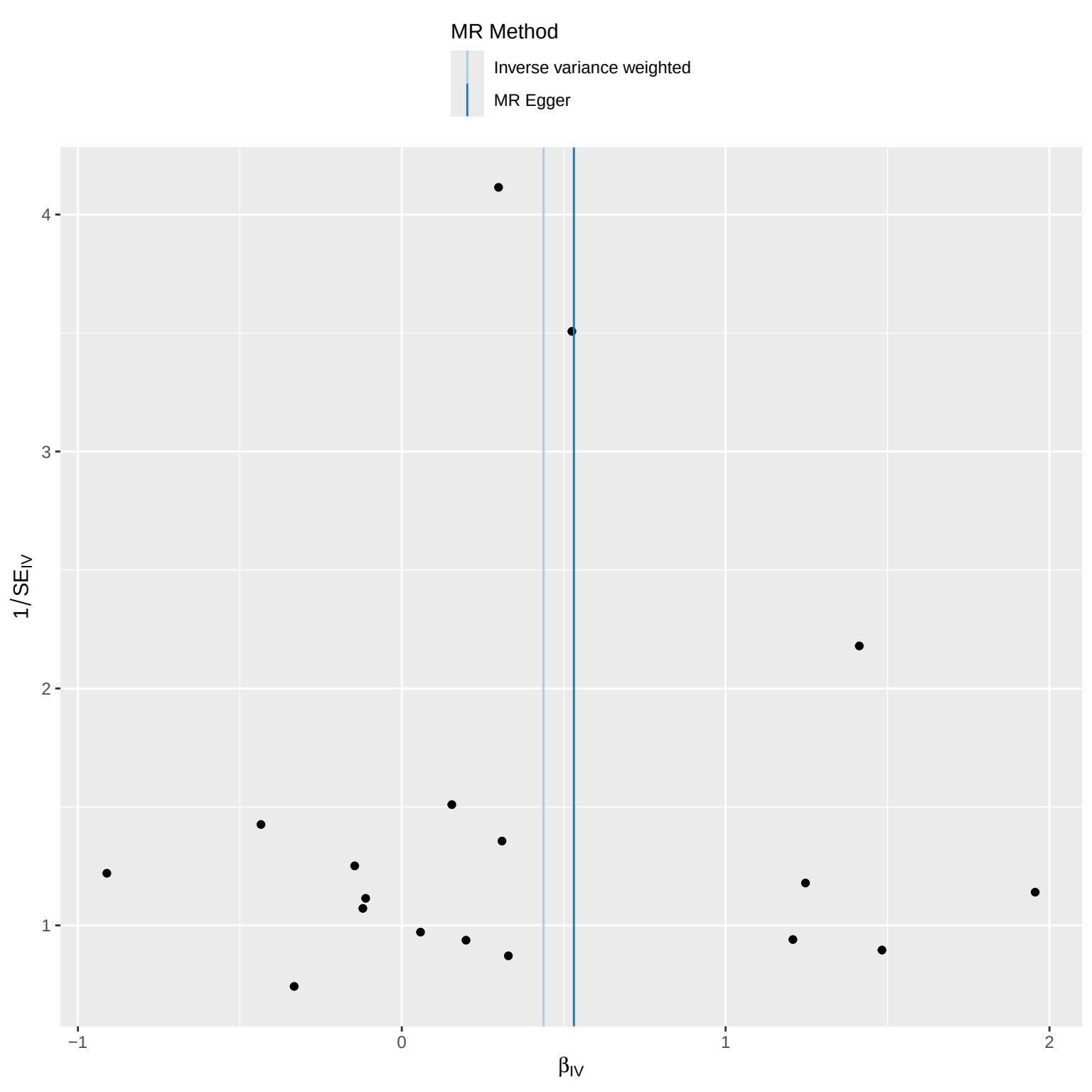

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

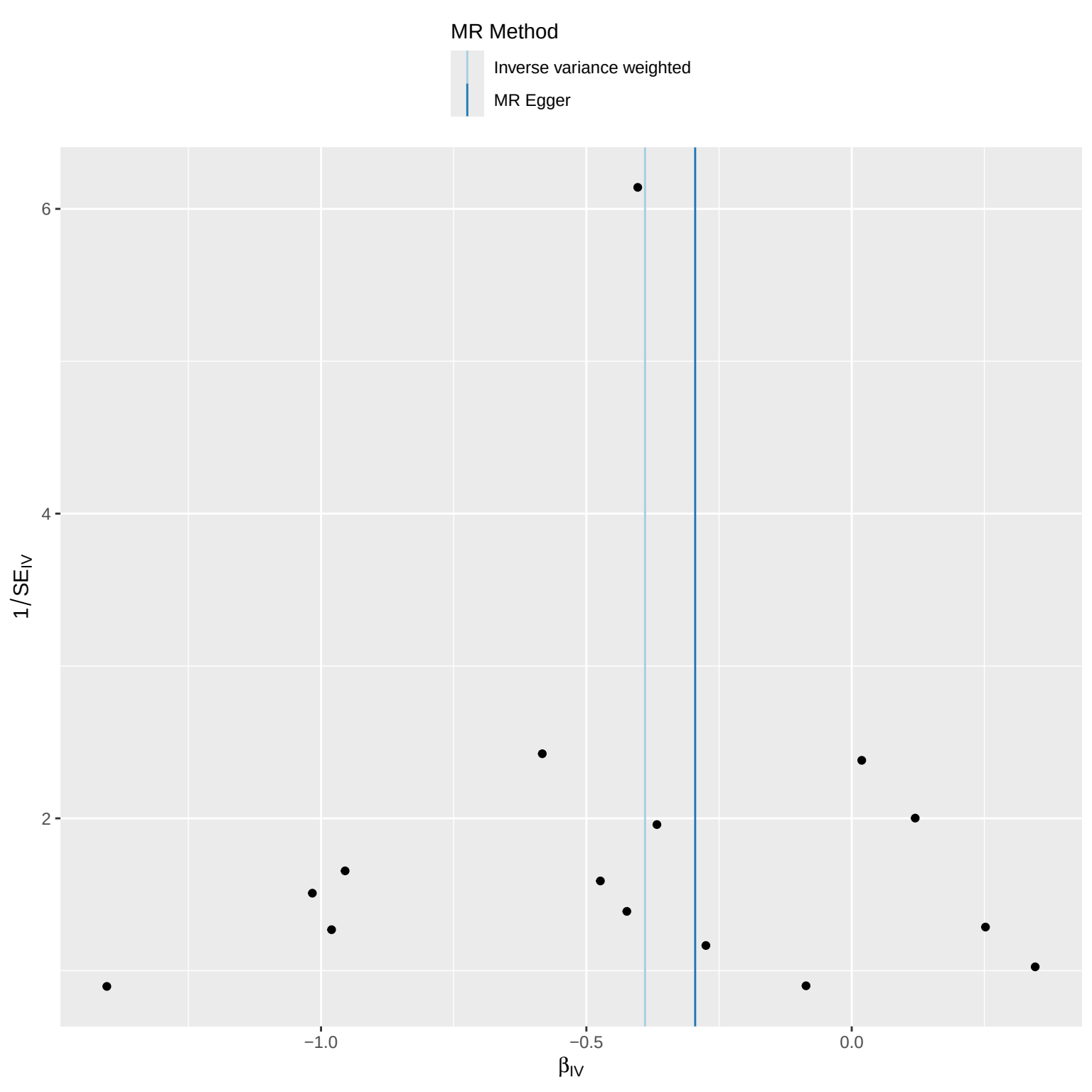

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

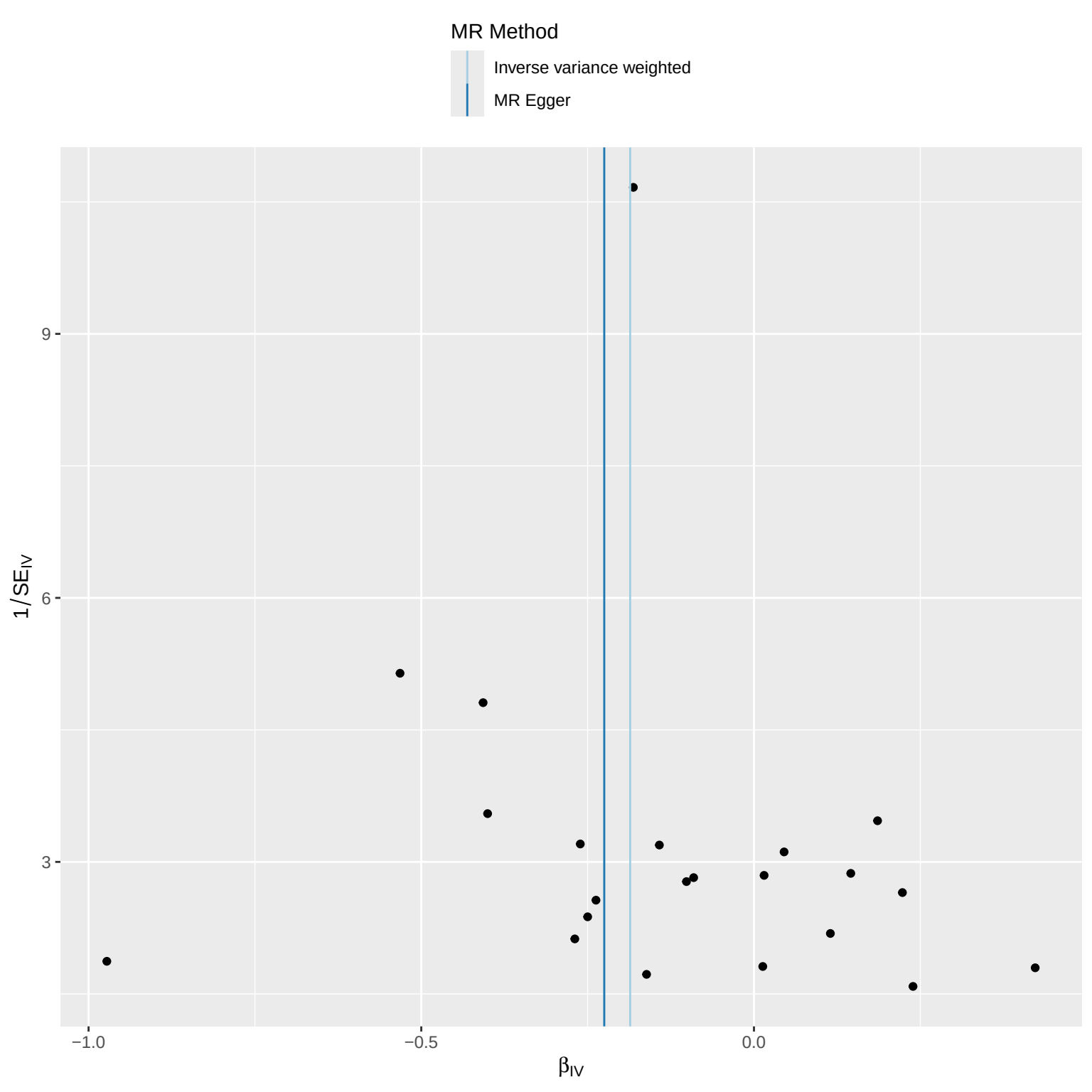

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.75
−0.50
−0.25
0.00
0.25
β_IV

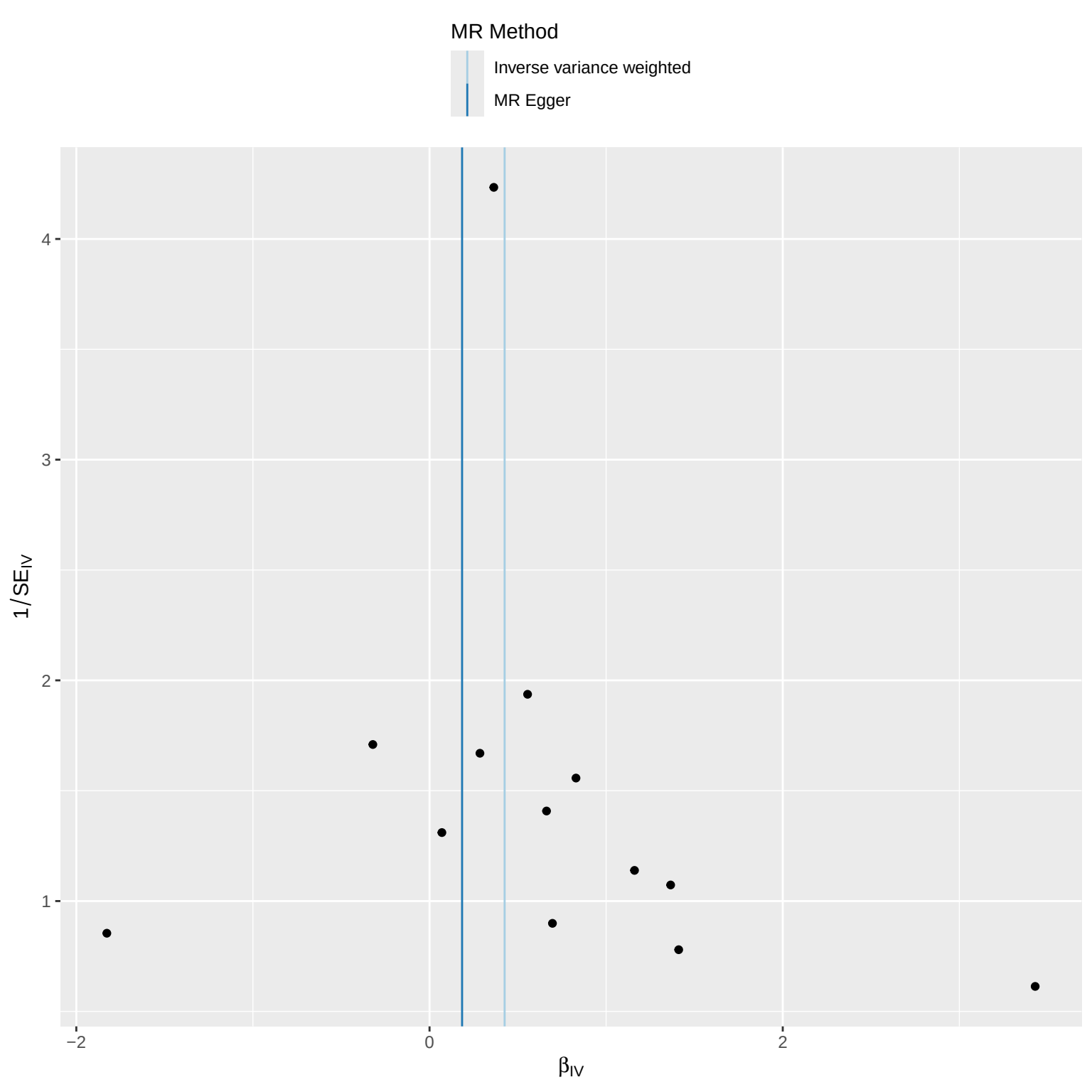

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

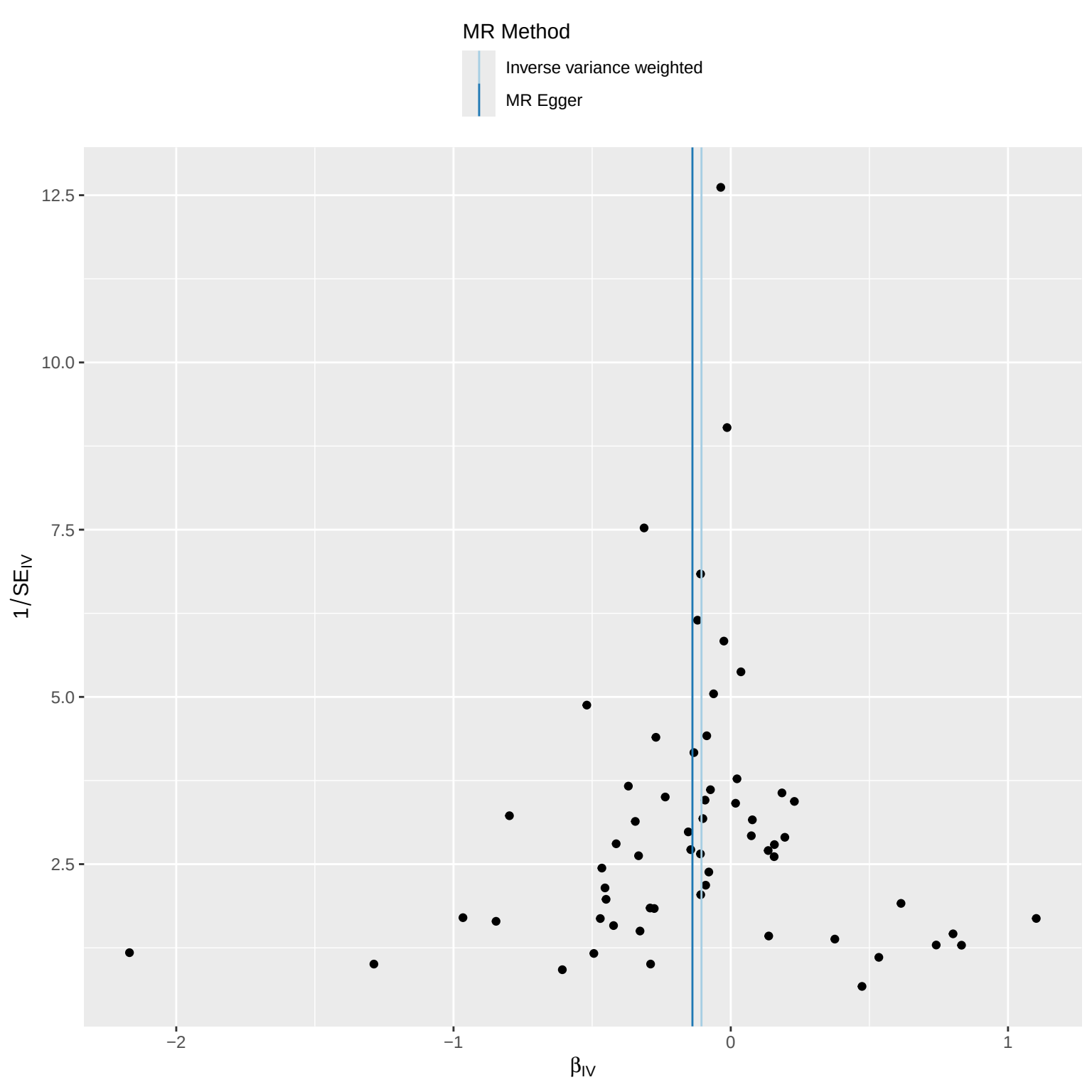

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
0
1
2
β_IV

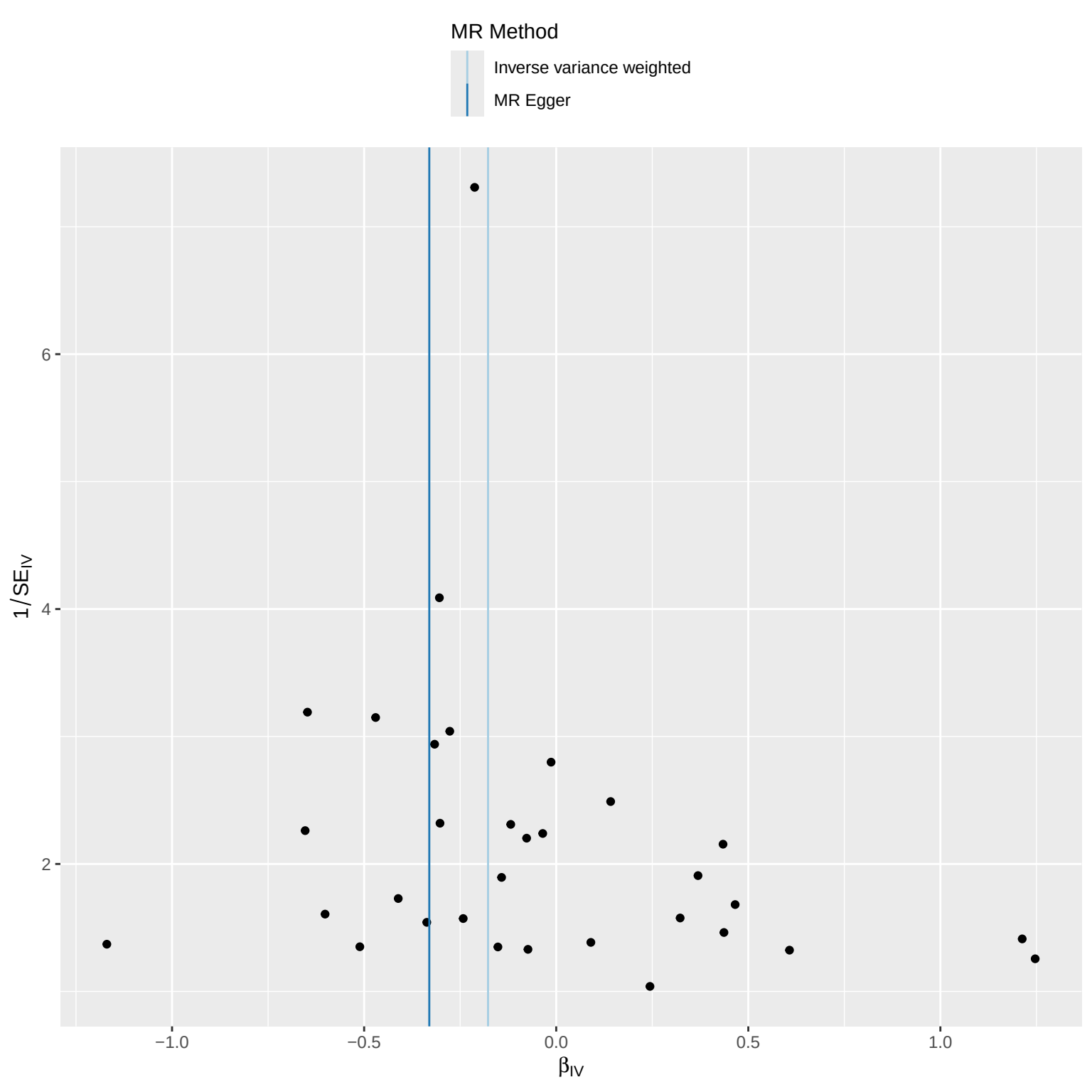

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

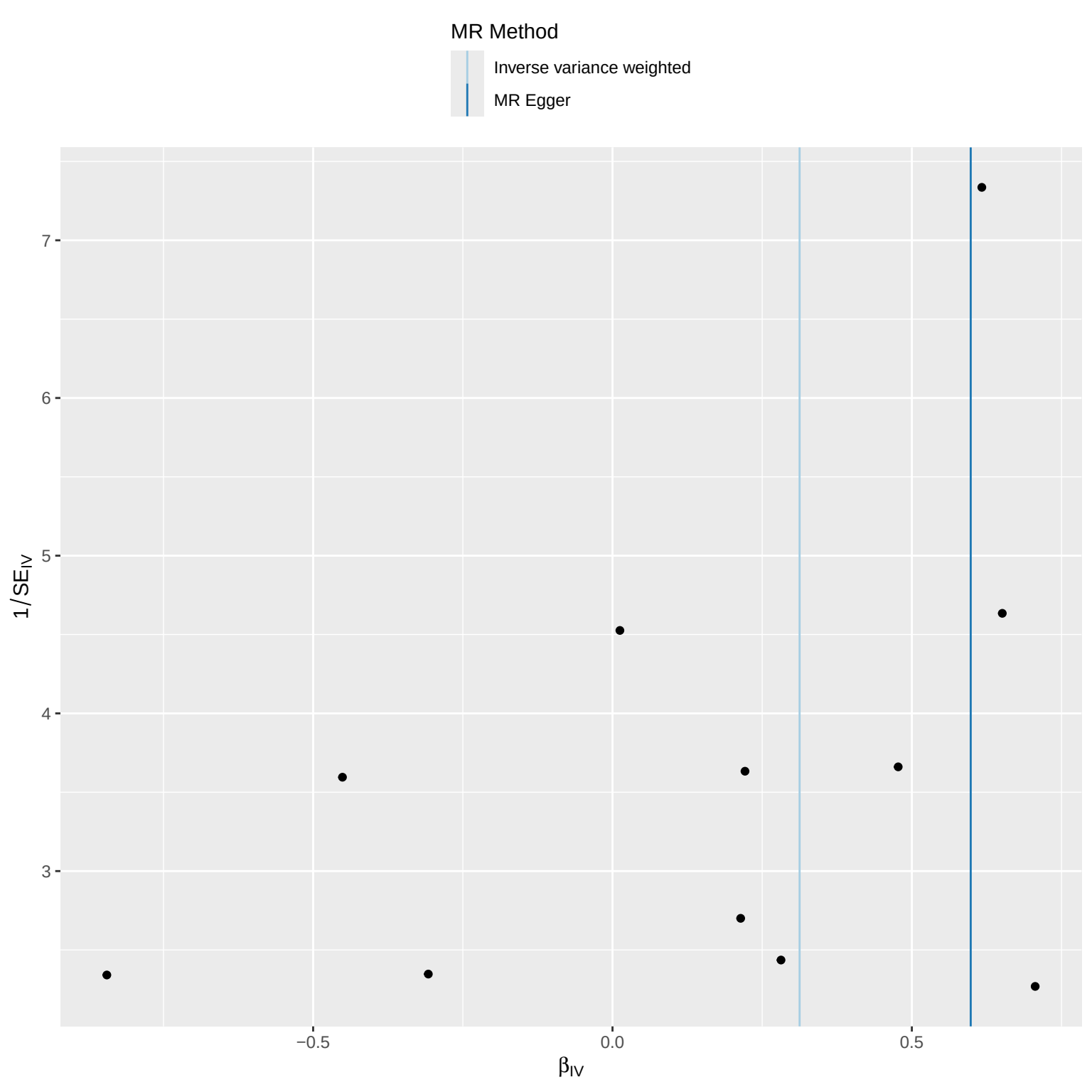

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
β_IV

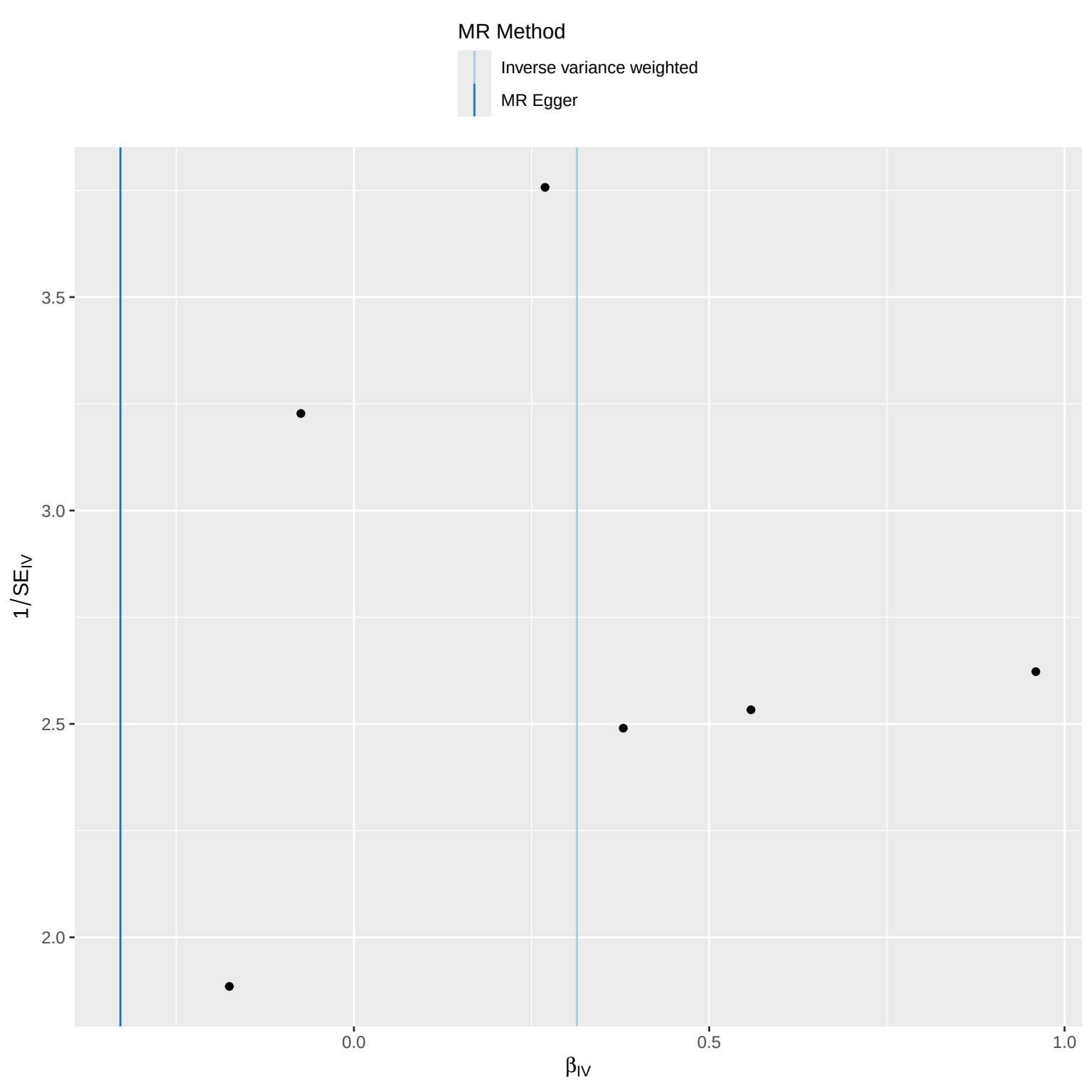

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1.0
−0.5
0.0
β_IV

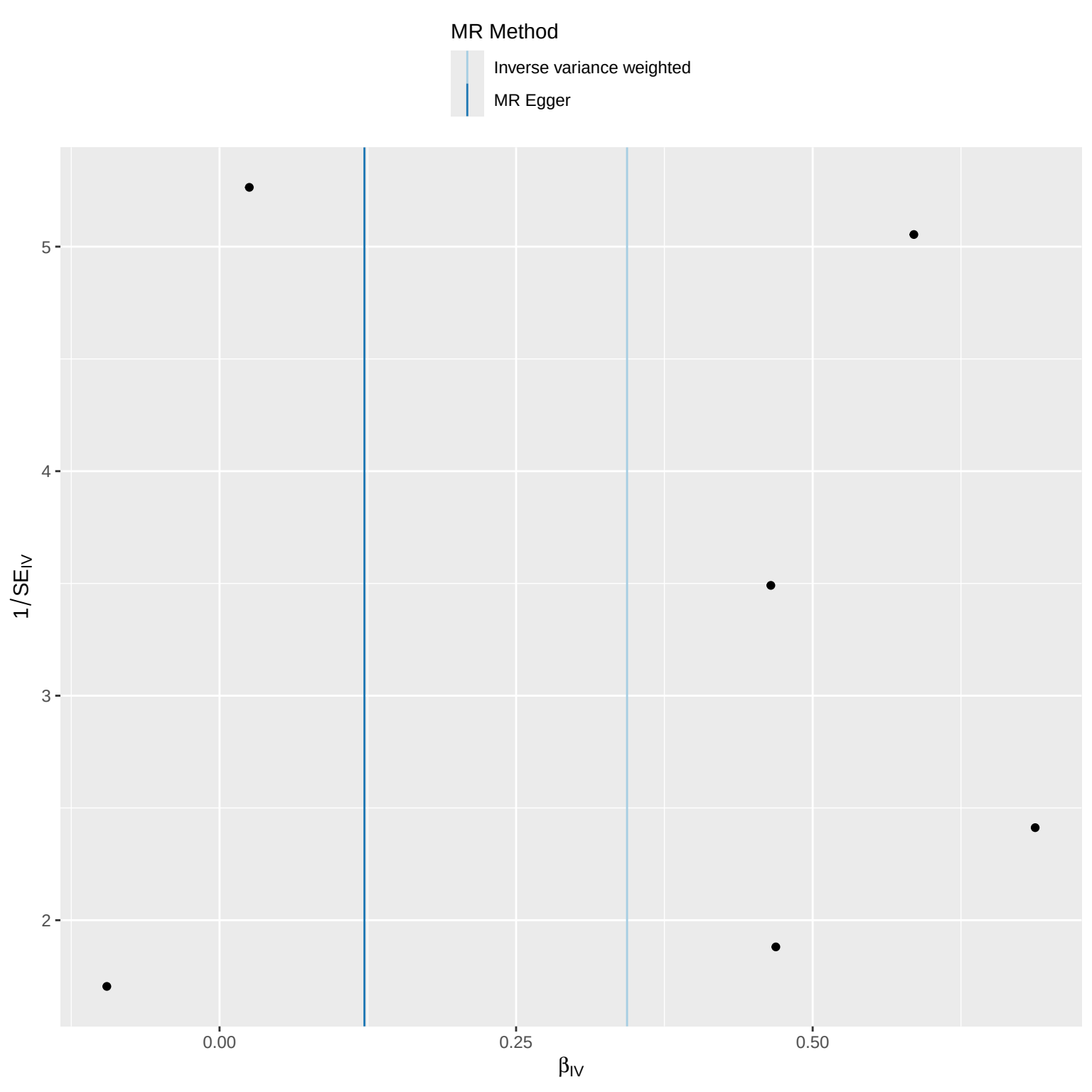

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

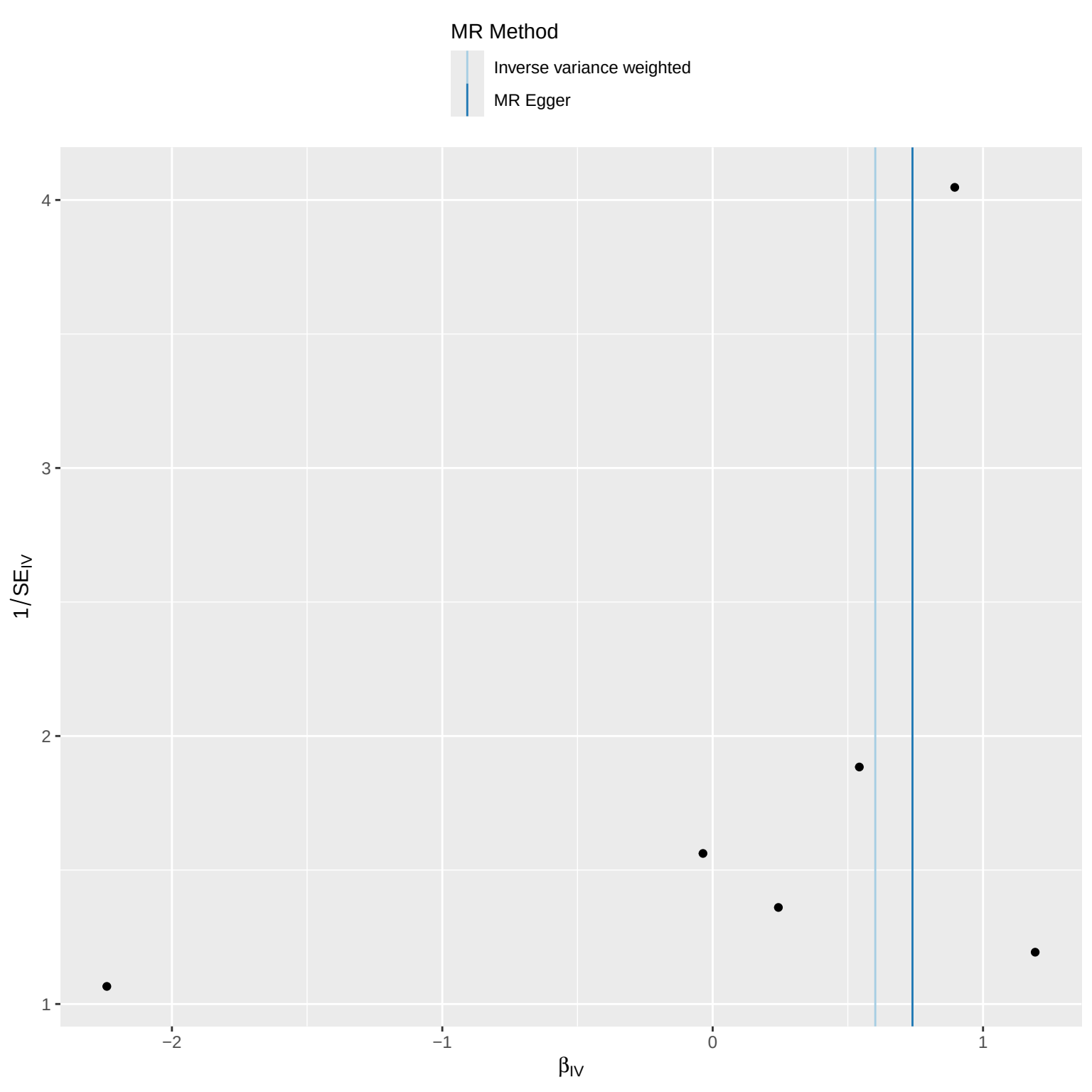

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

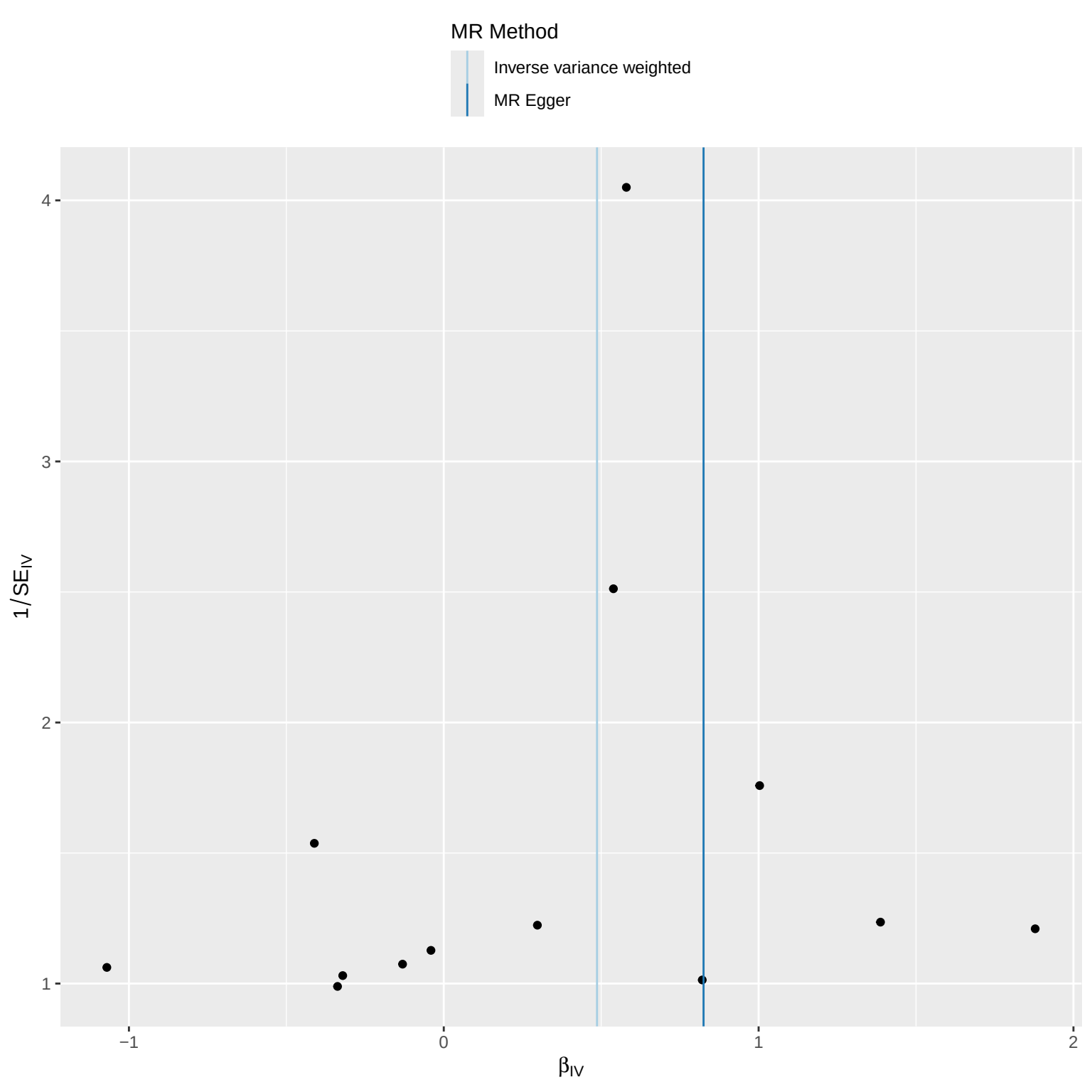

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

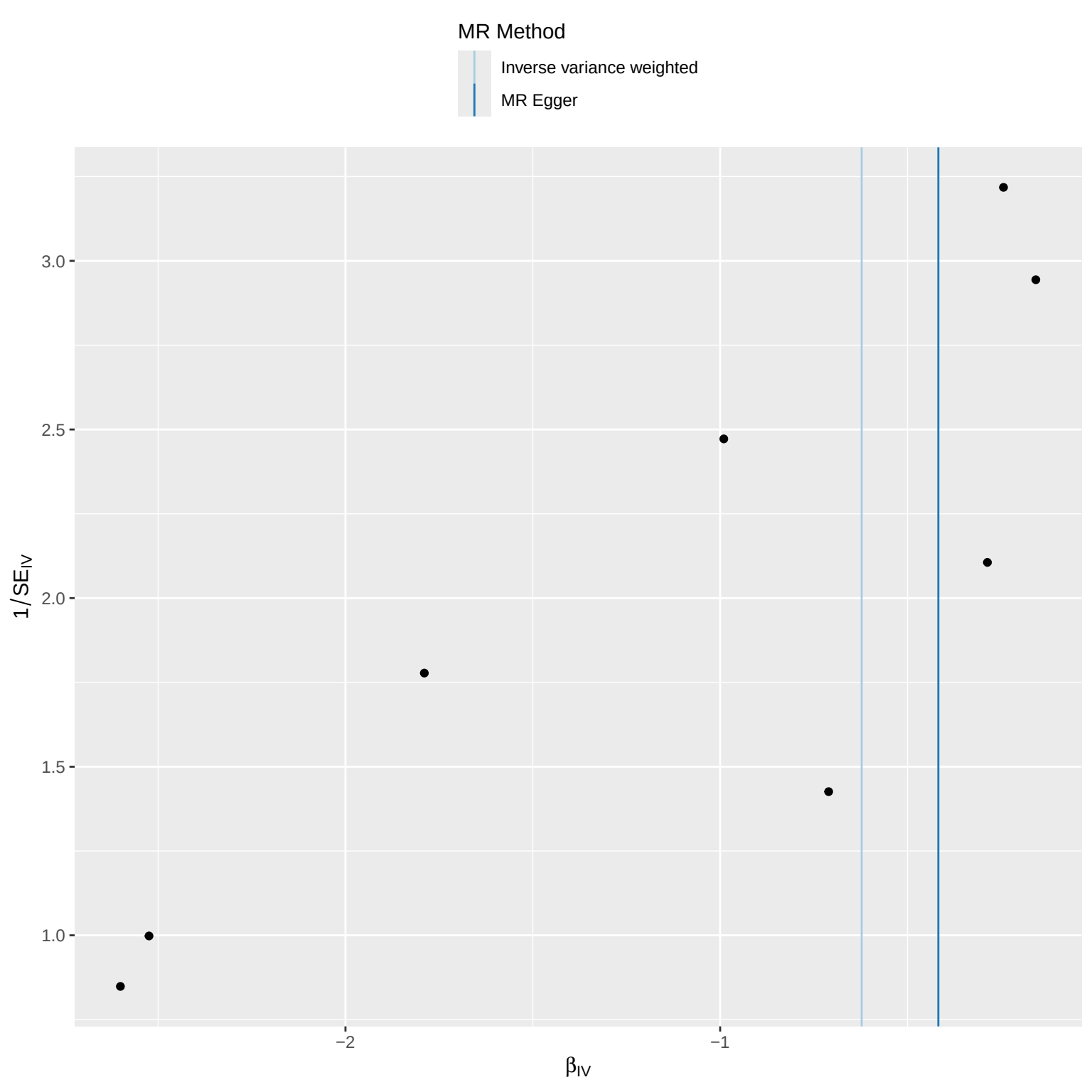

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
−0.5
0.0
0.5
β_IV

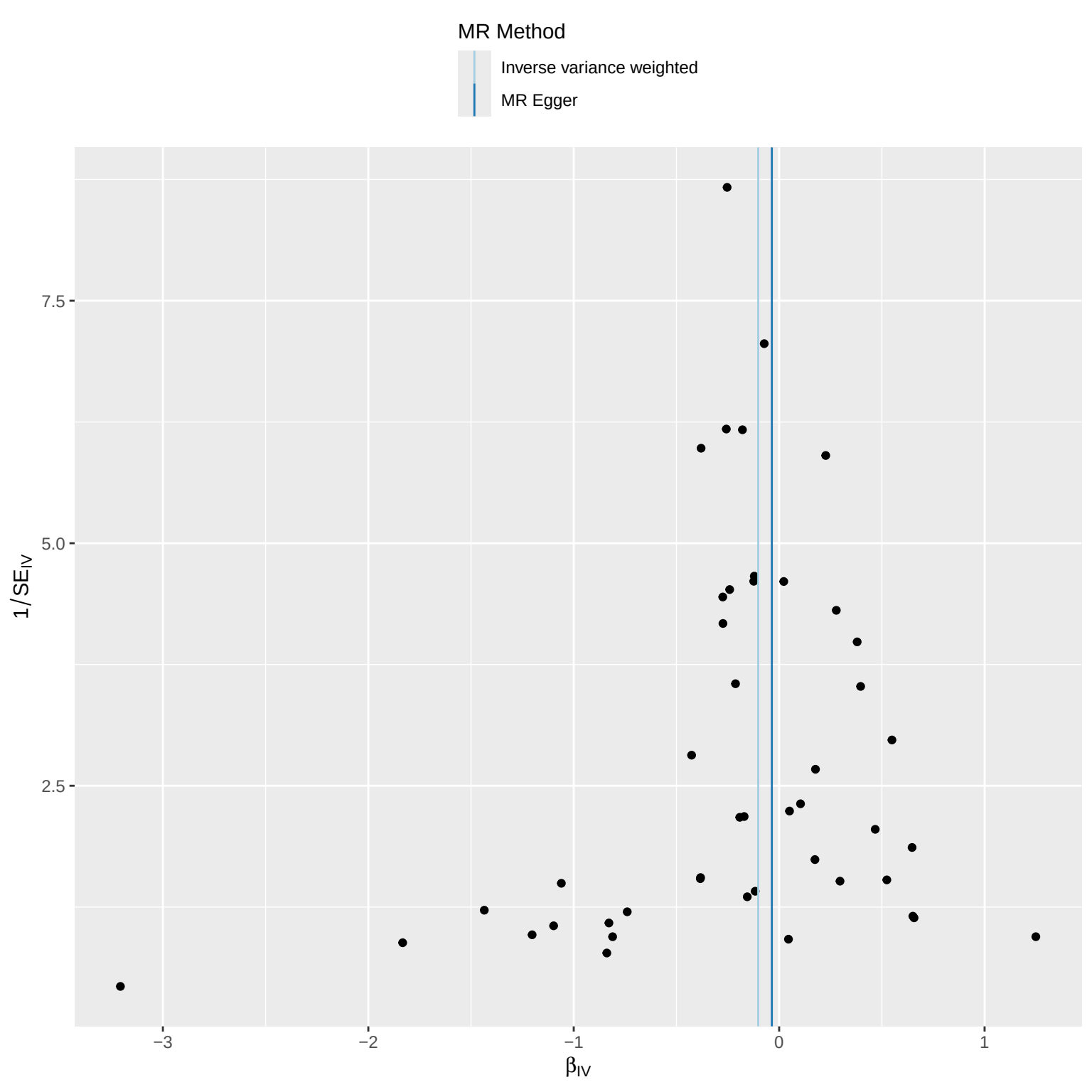

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1/SE_IV
0.0
0.5
1.0
β_IV

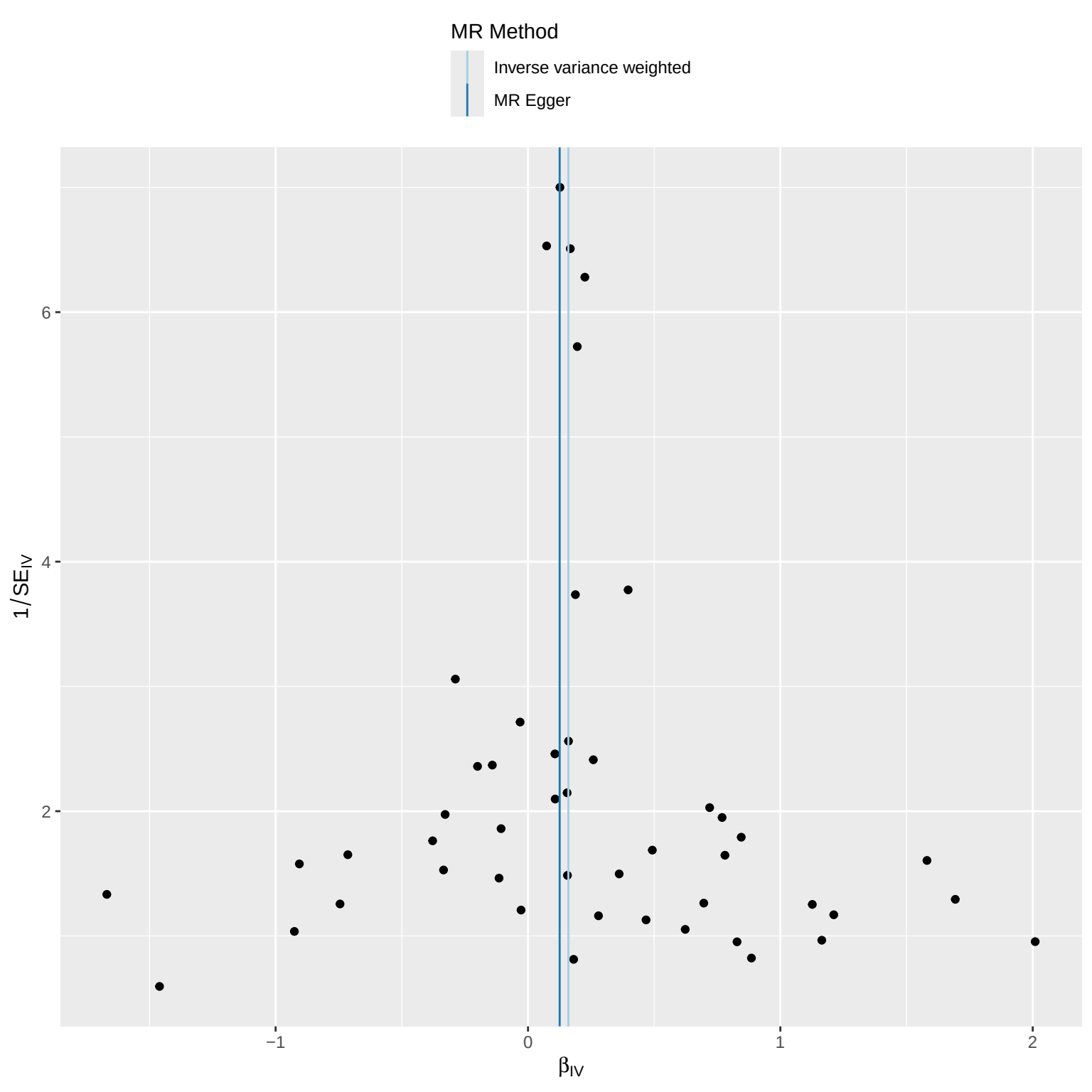

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.00
0.25
0.50
β_IV

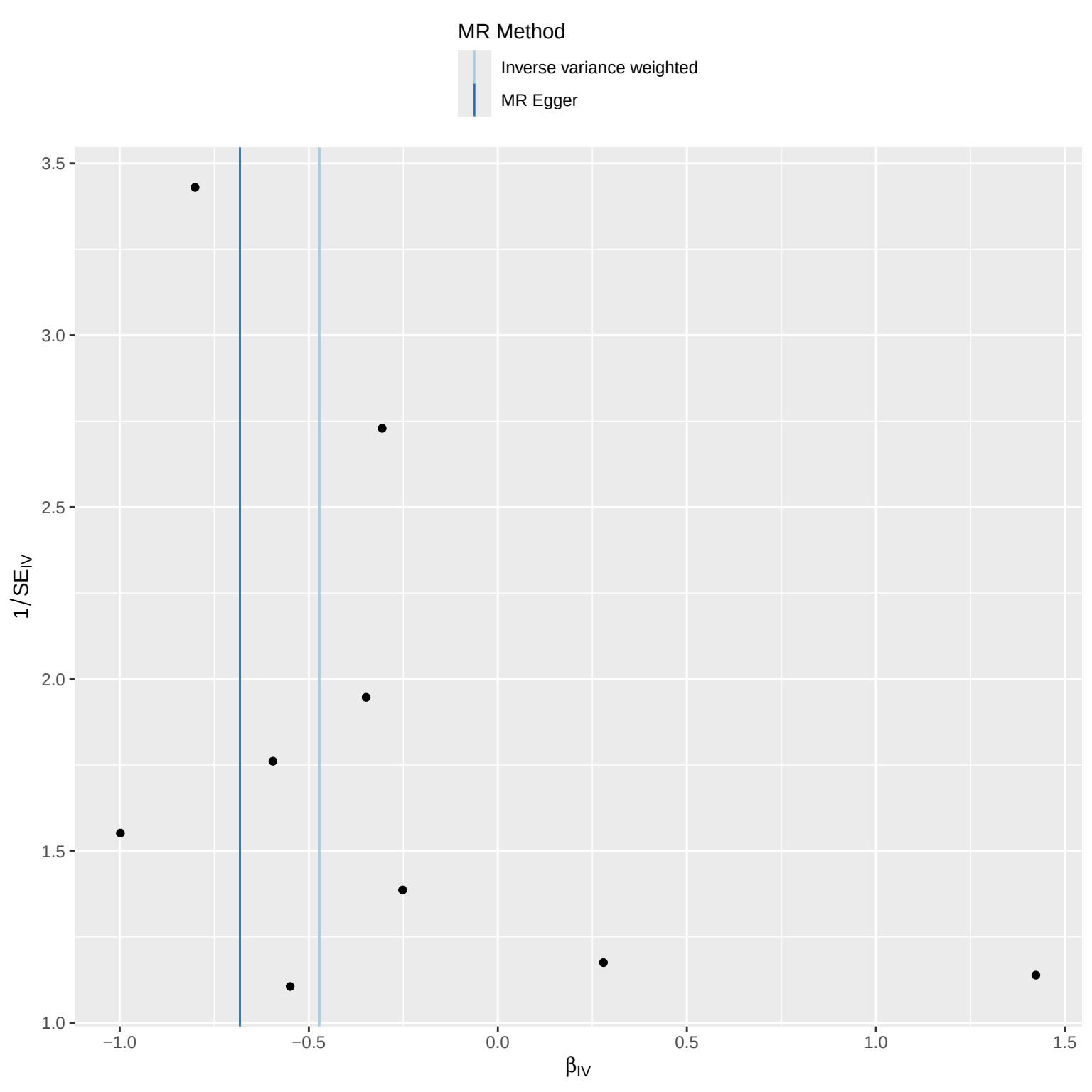

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

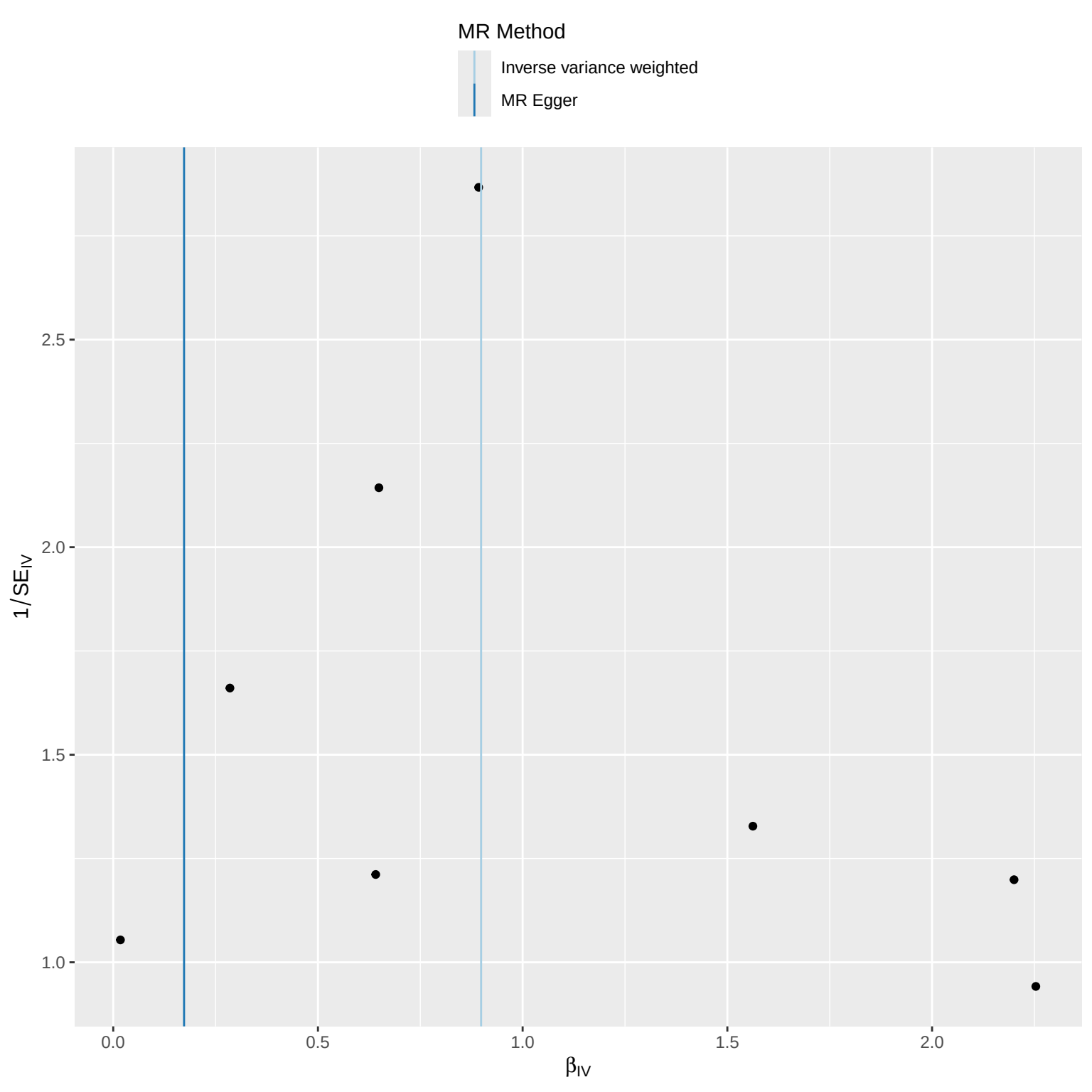

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

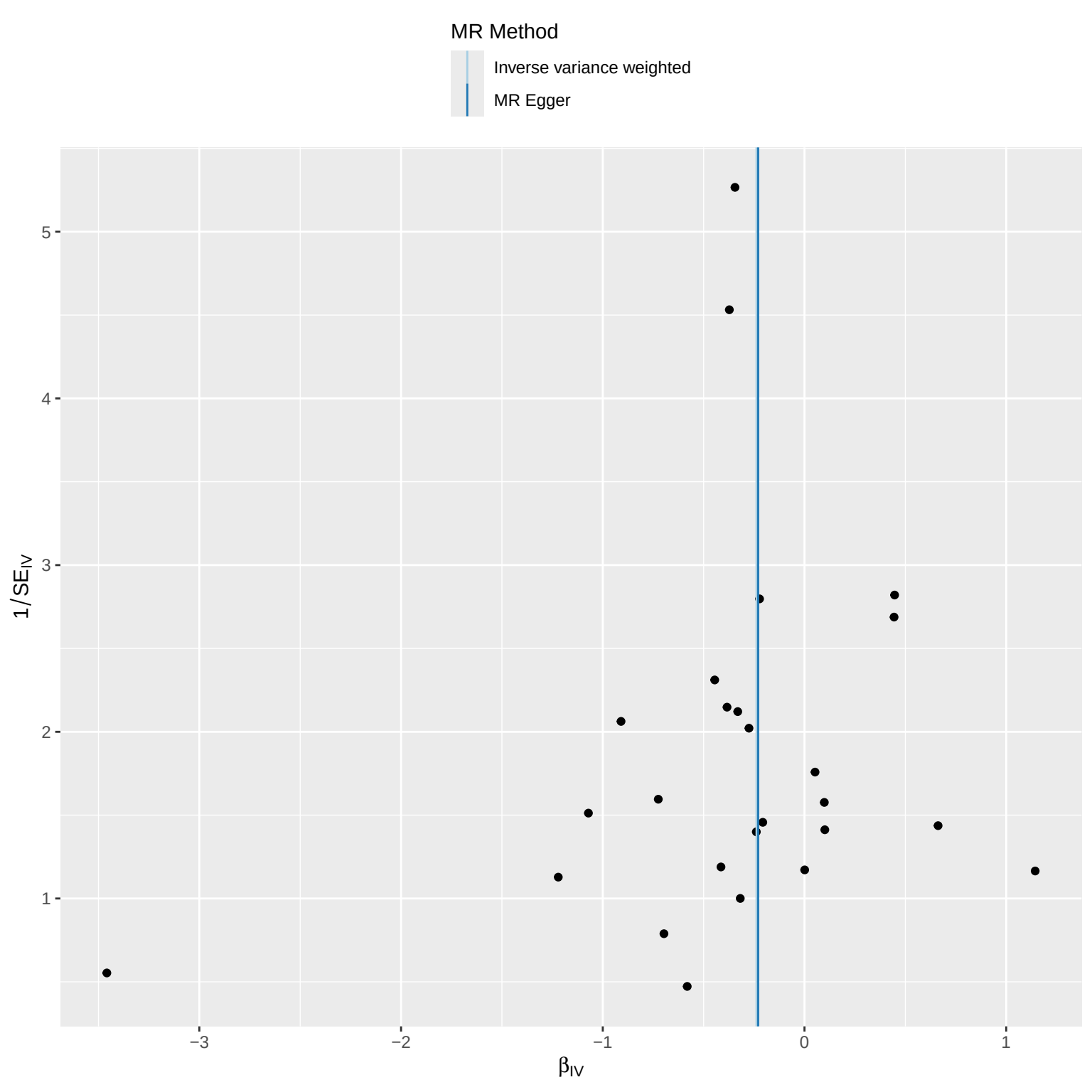

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
β_IV

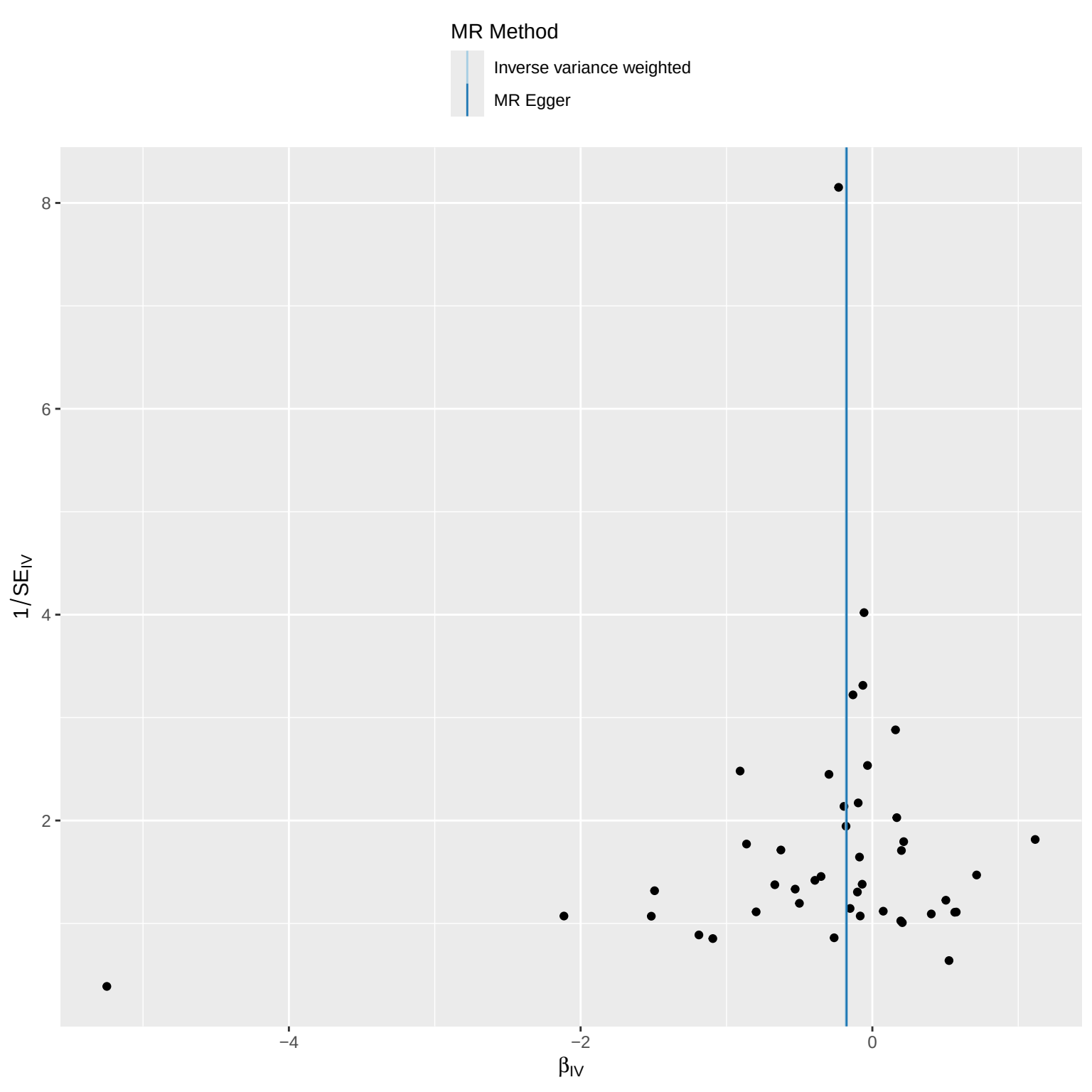

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−3
−2
−1
0
1
β_IV

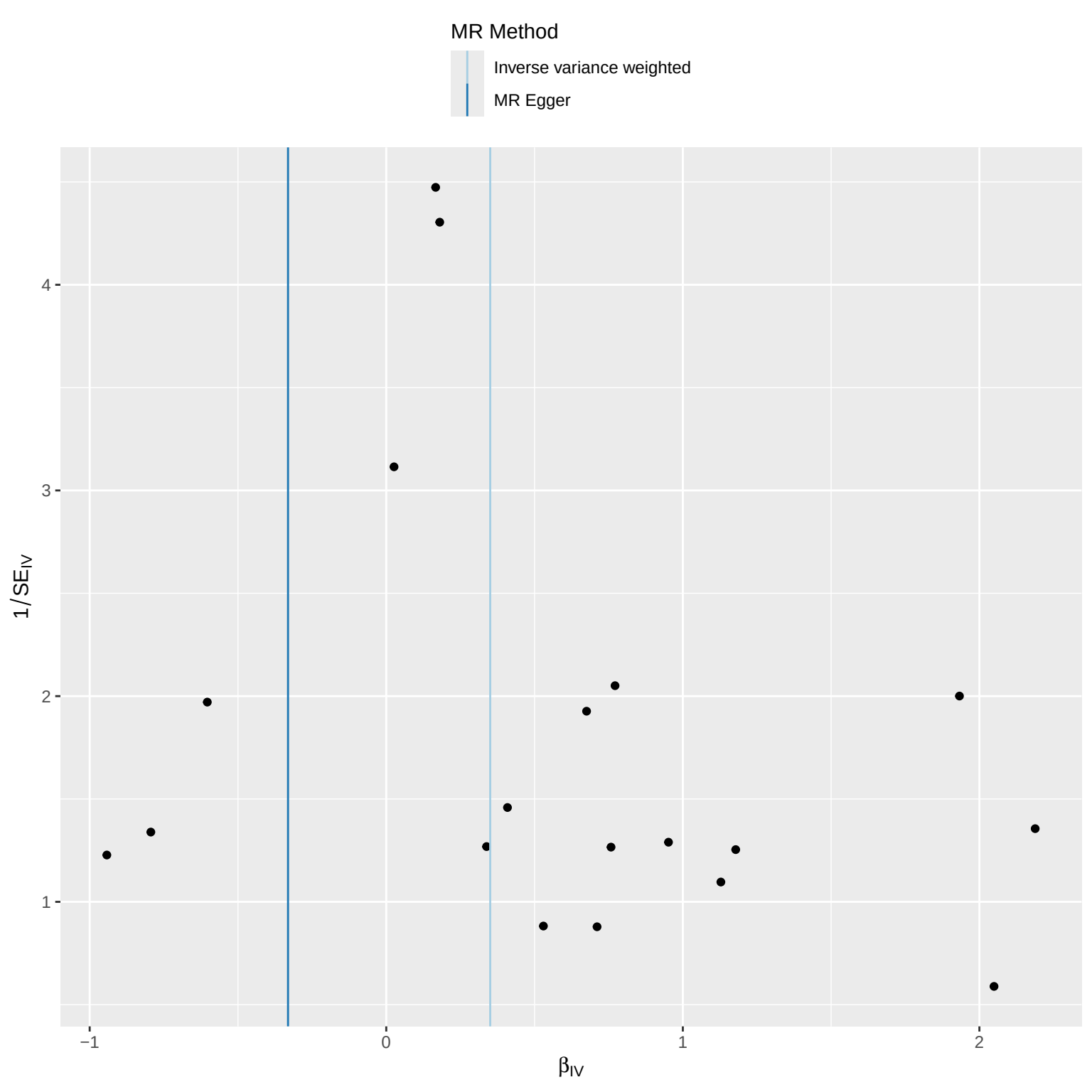

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

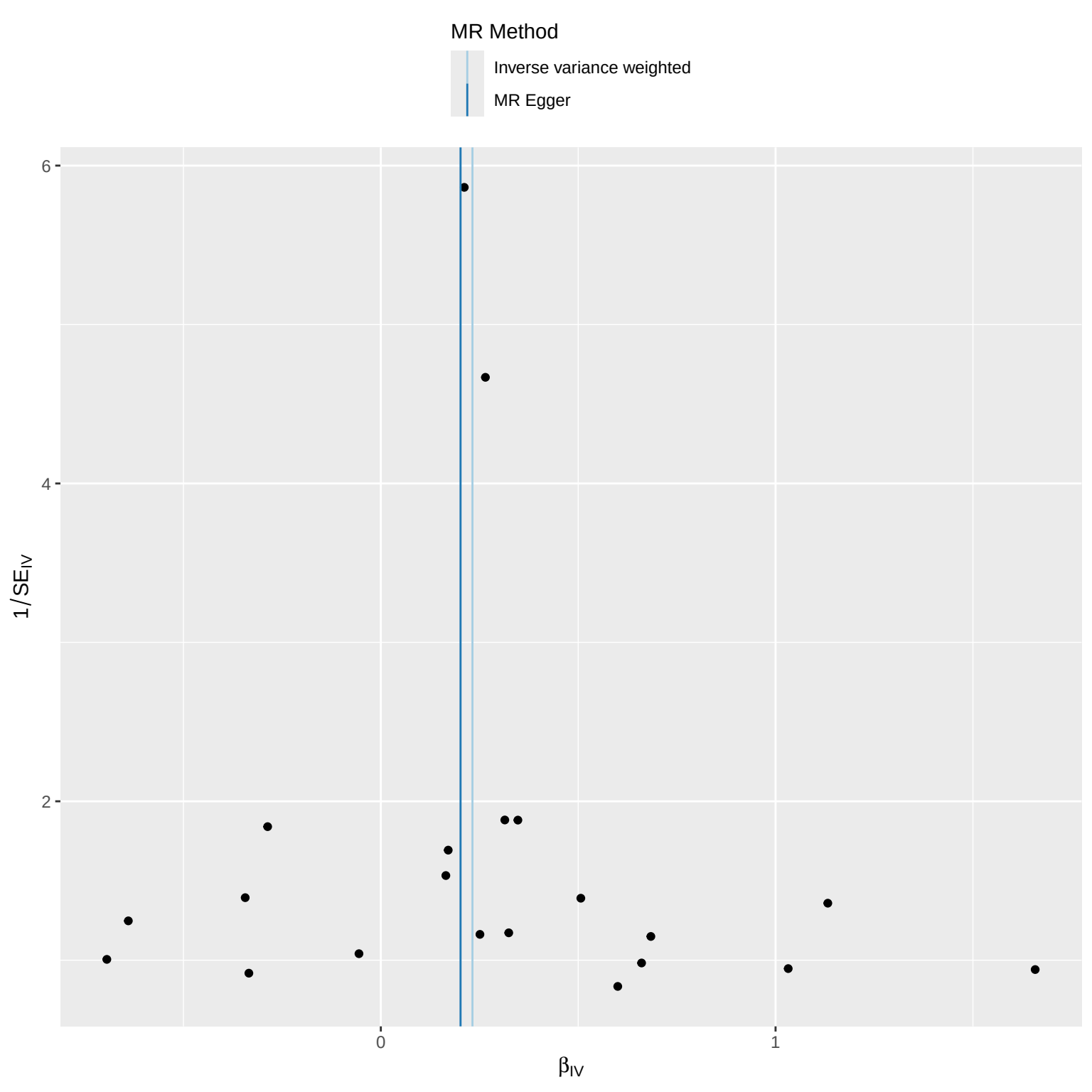

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

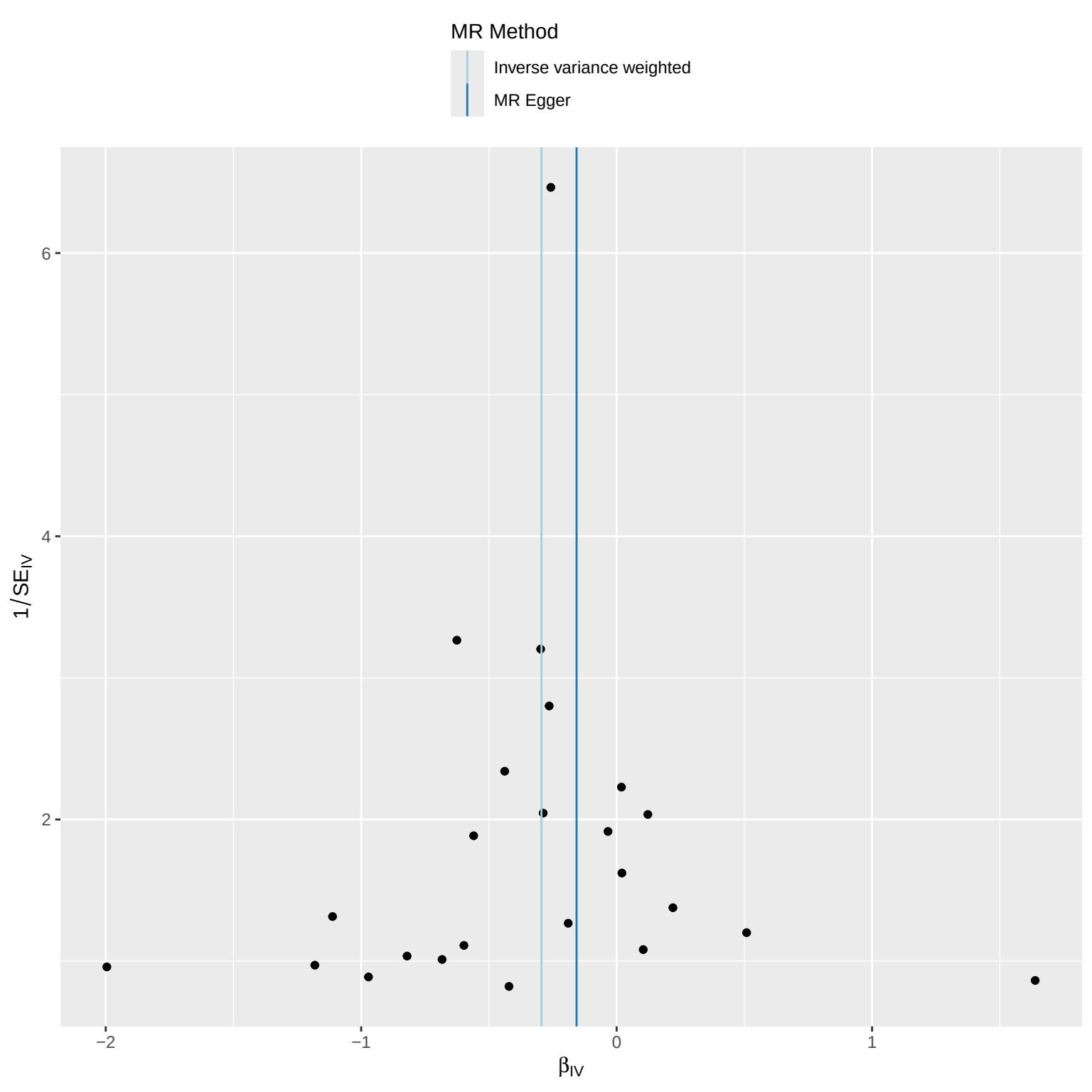

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

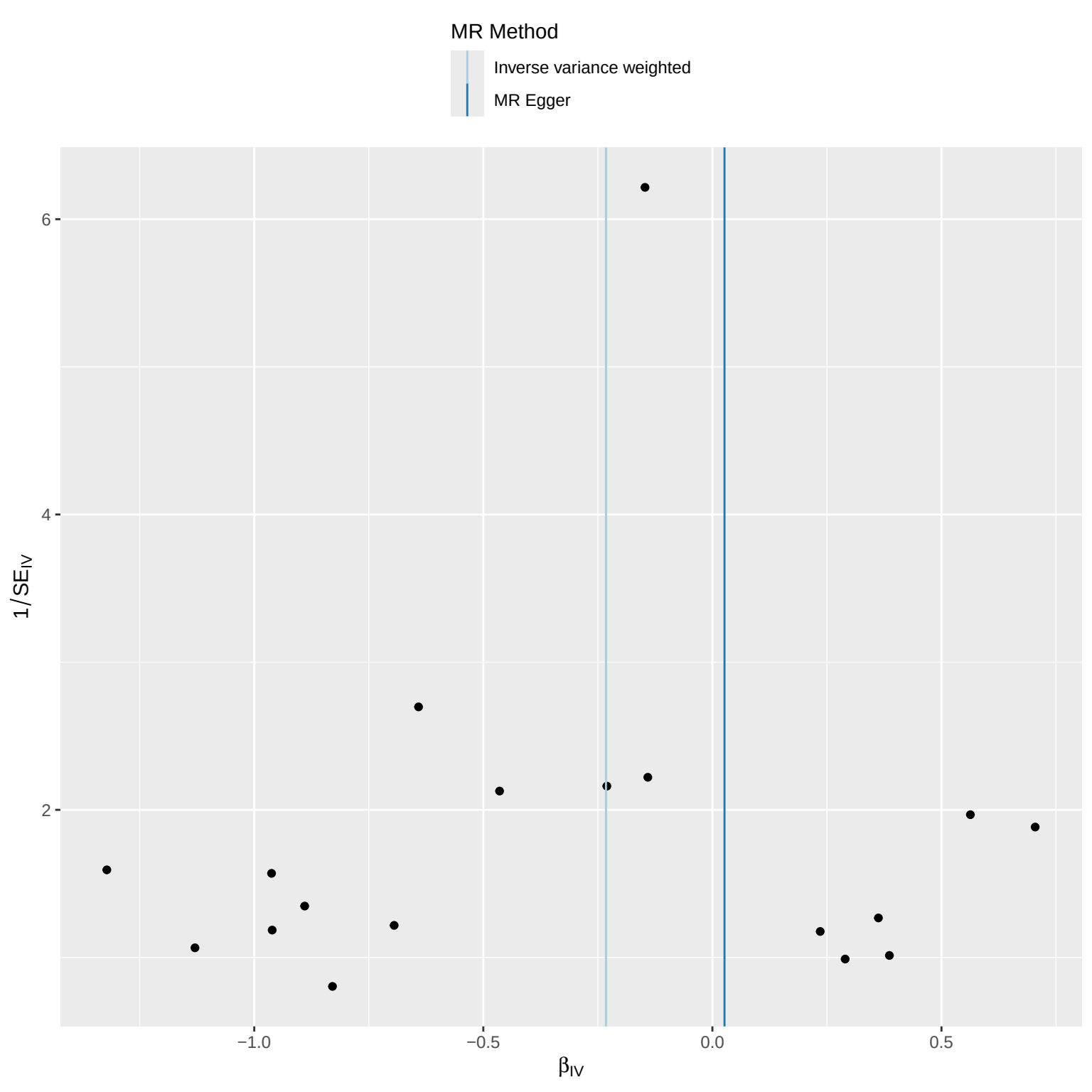

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

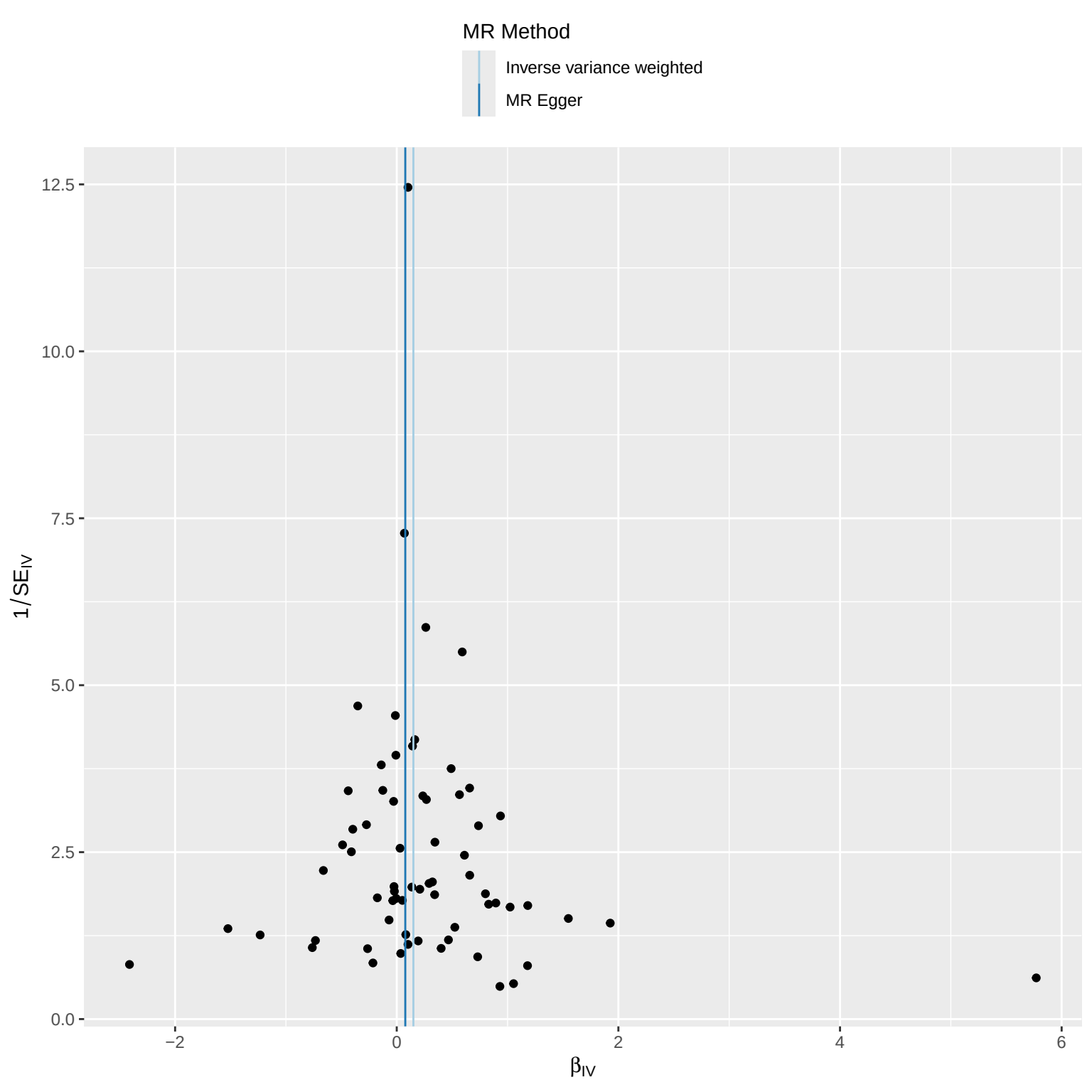

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−4
−2
0
β_IV

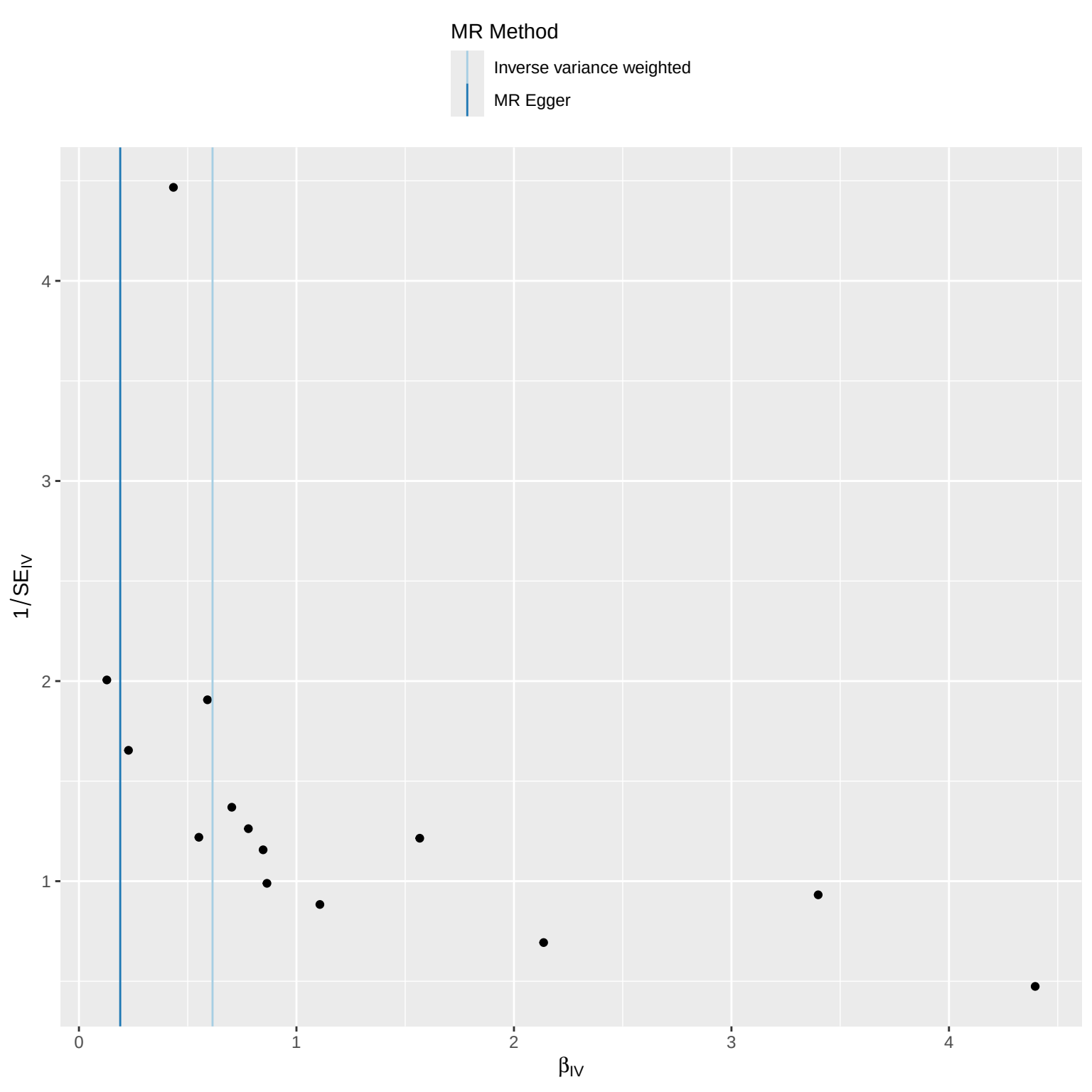

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

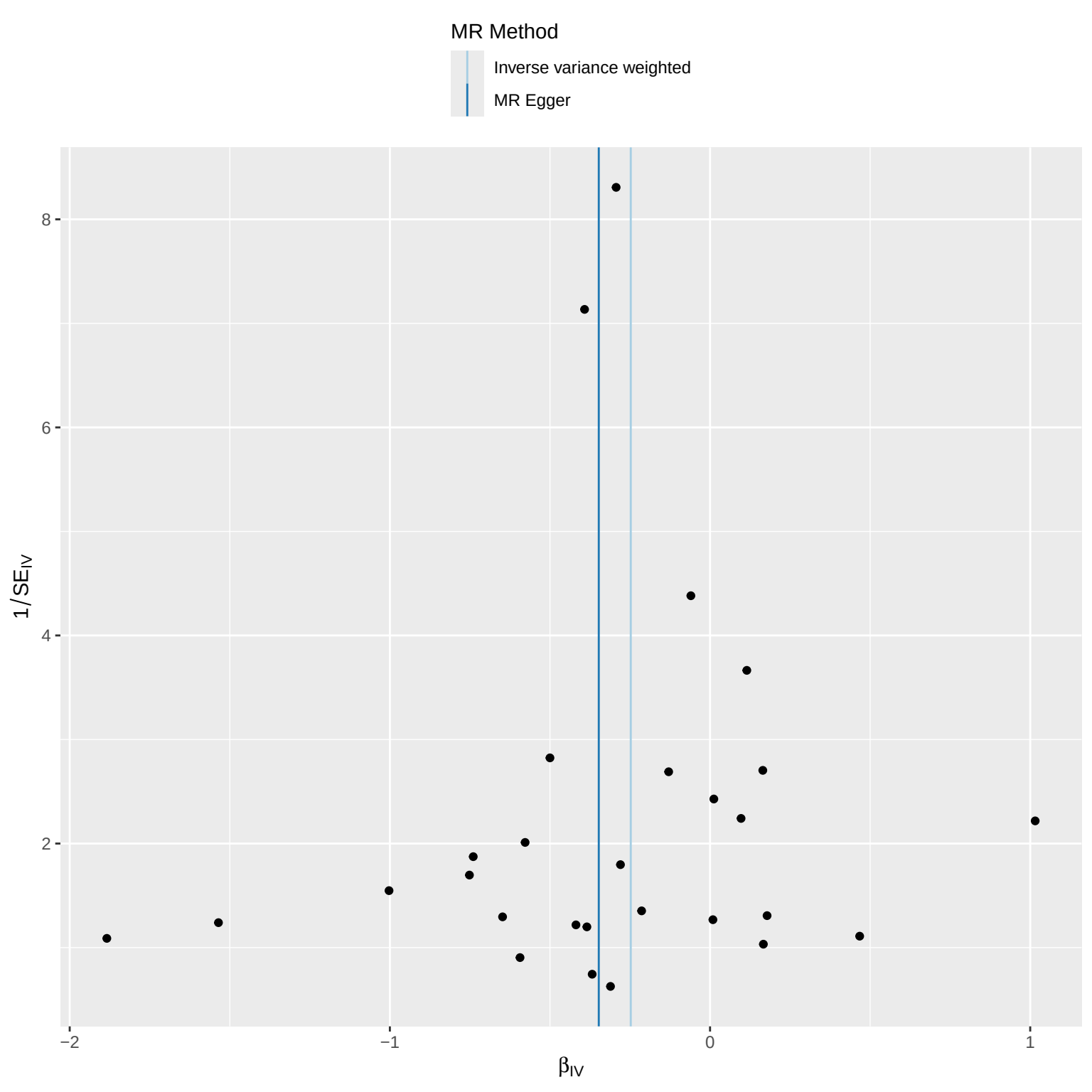

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
β_IV

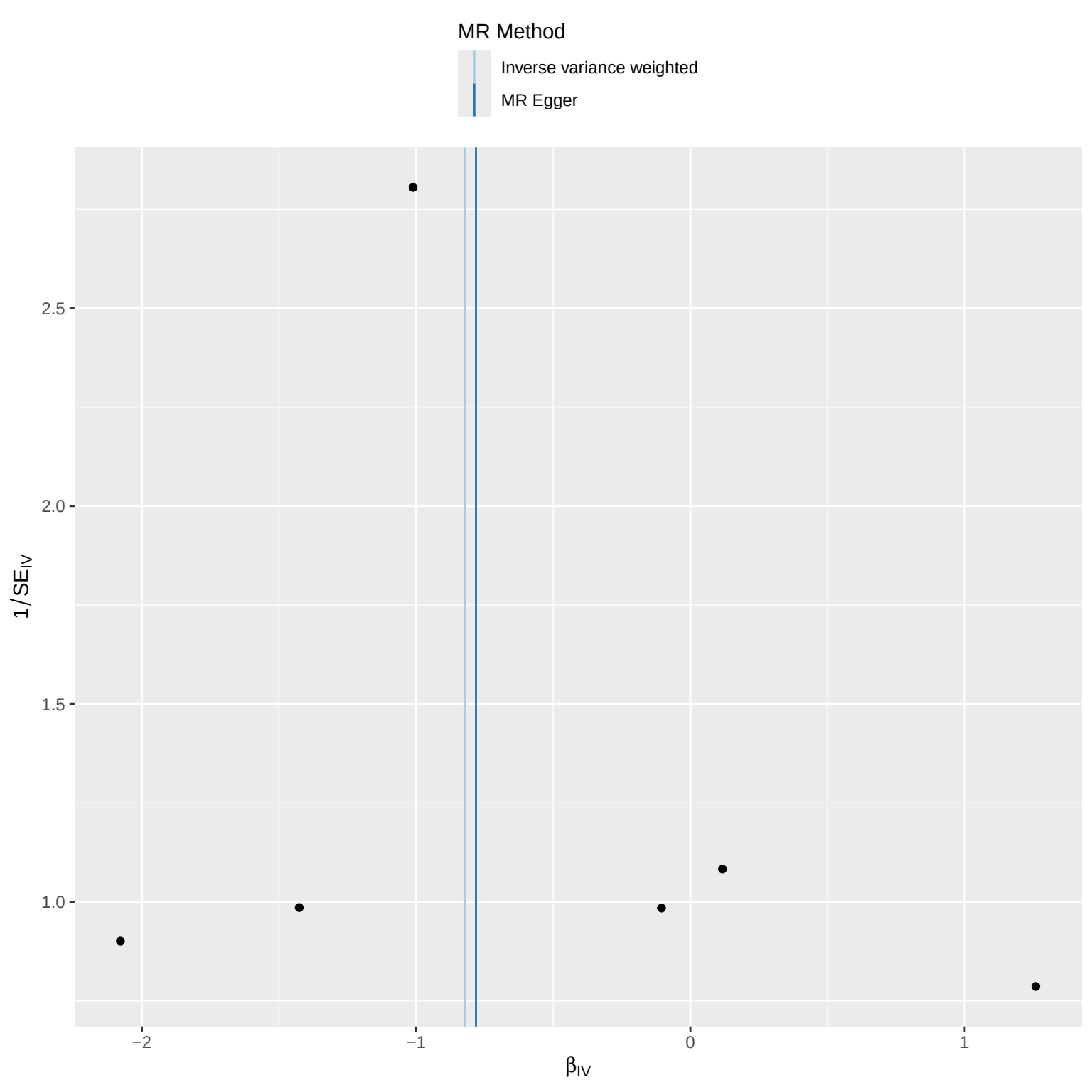

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

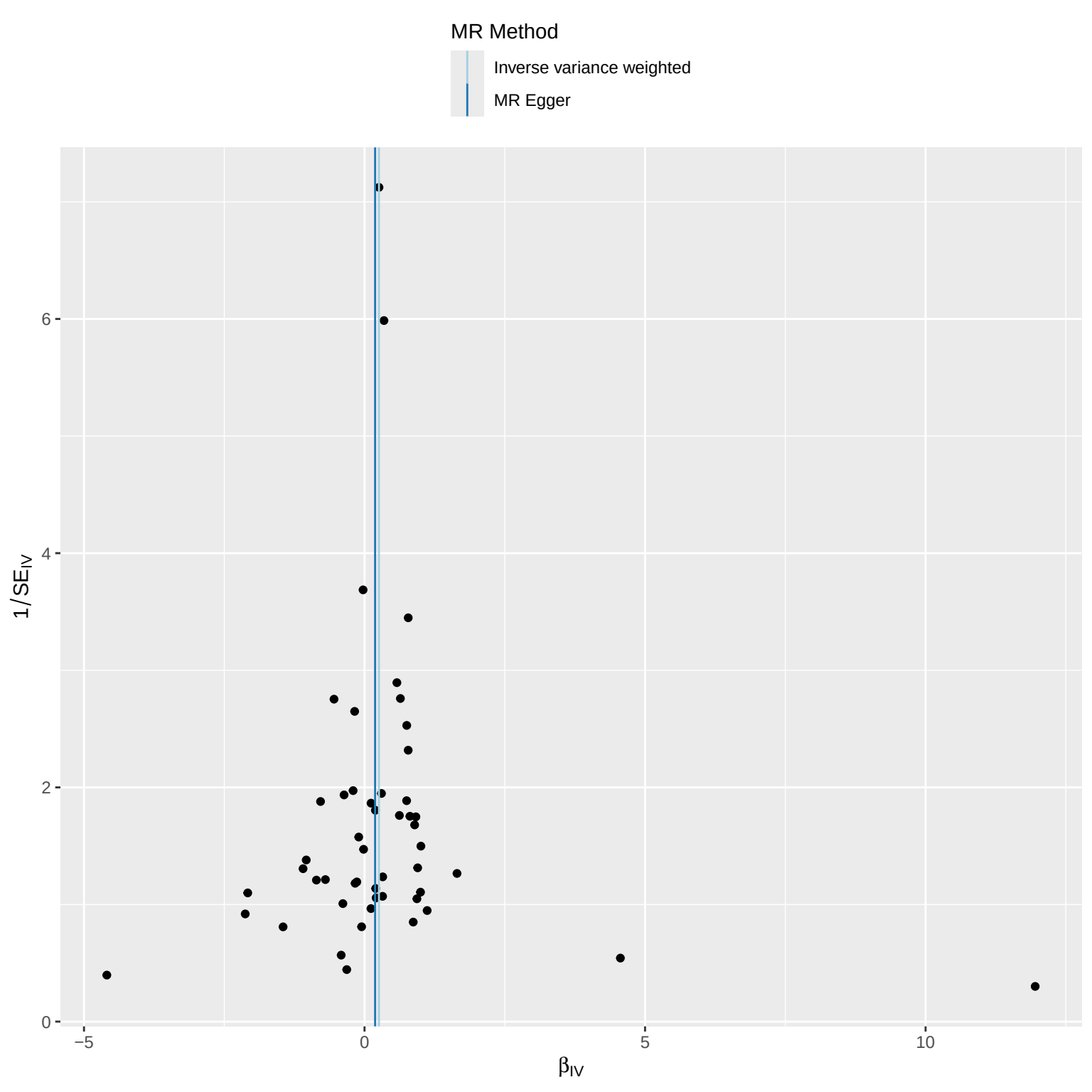

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

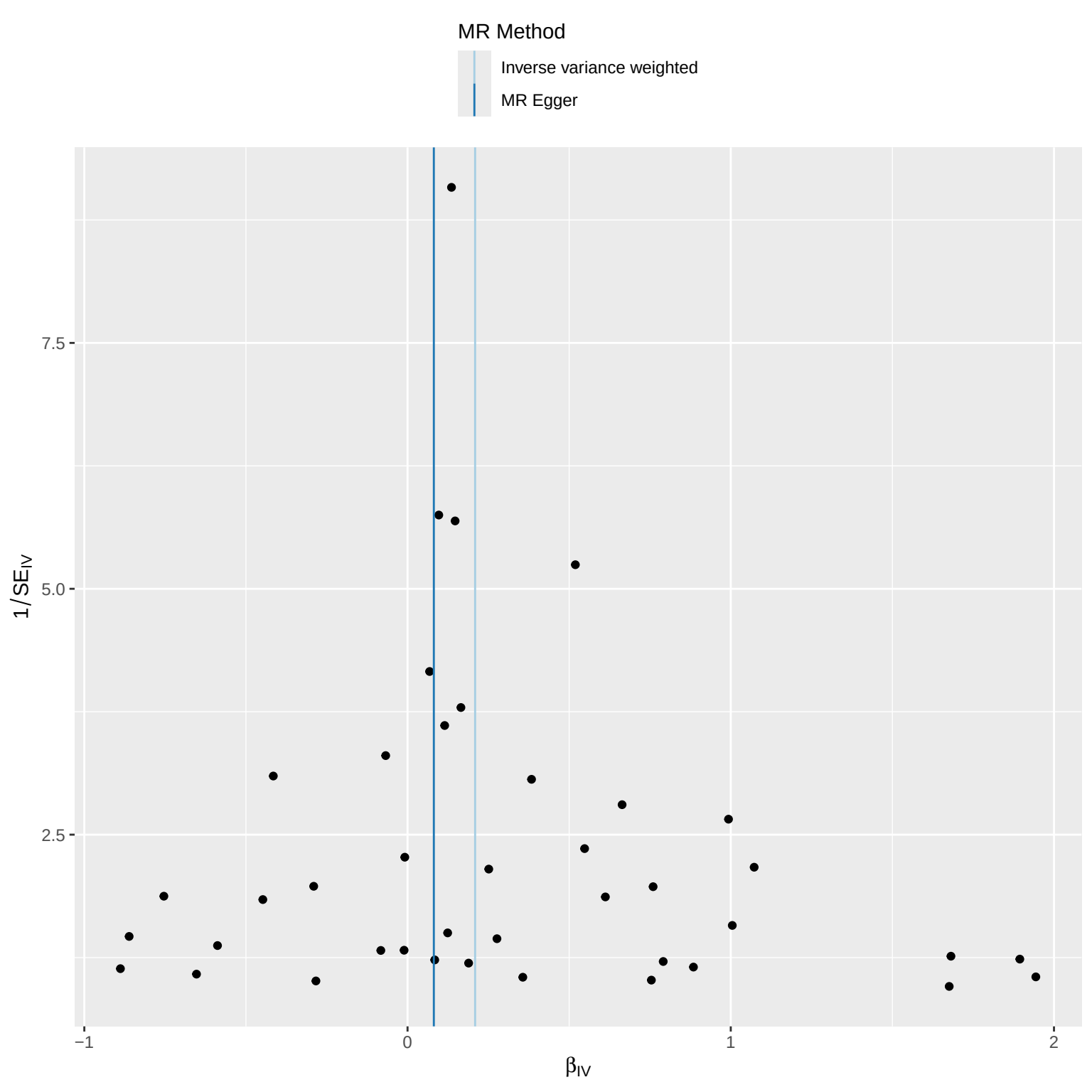

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−2
0
2
4
6
β_IV

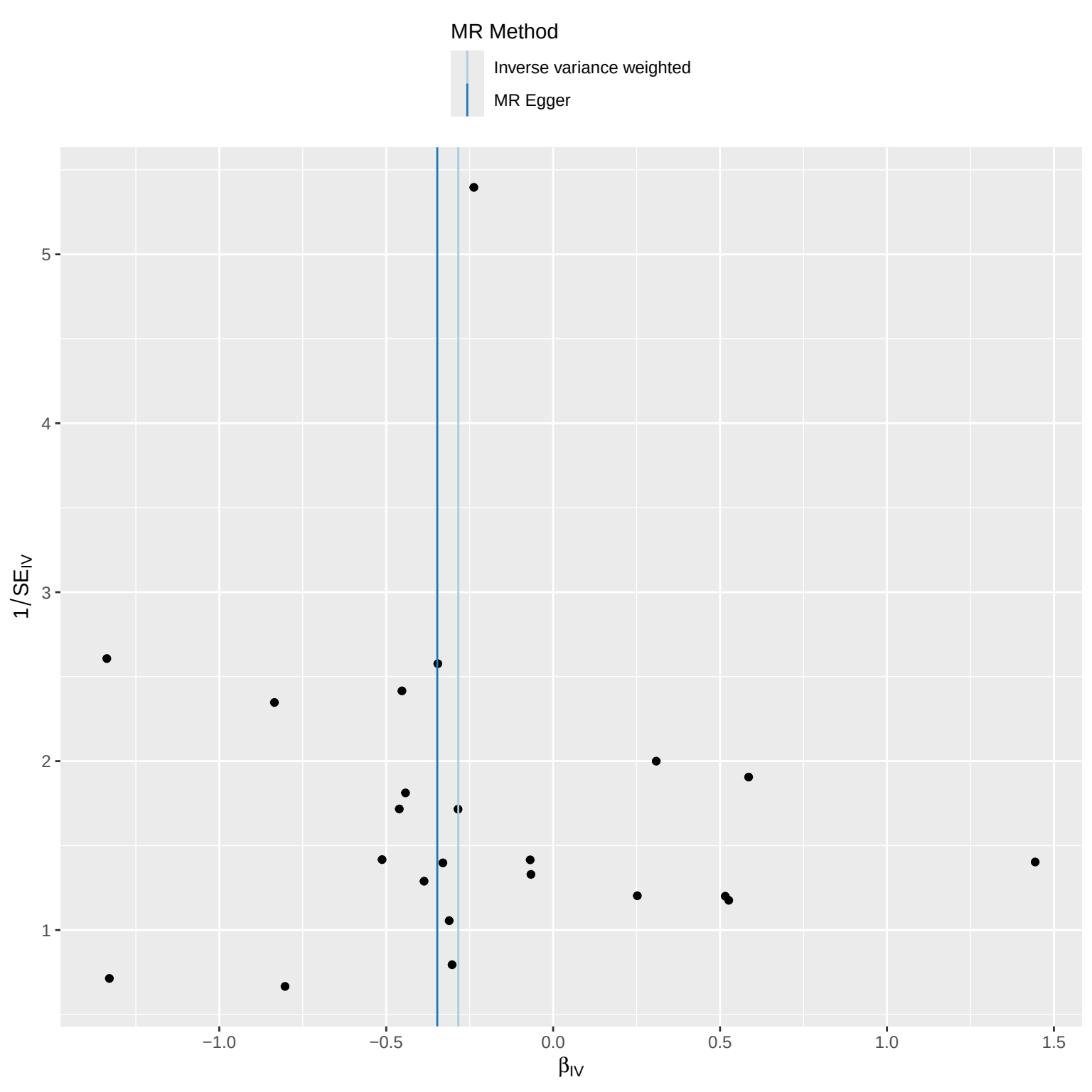

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
4
1/SE_IV
β_IV

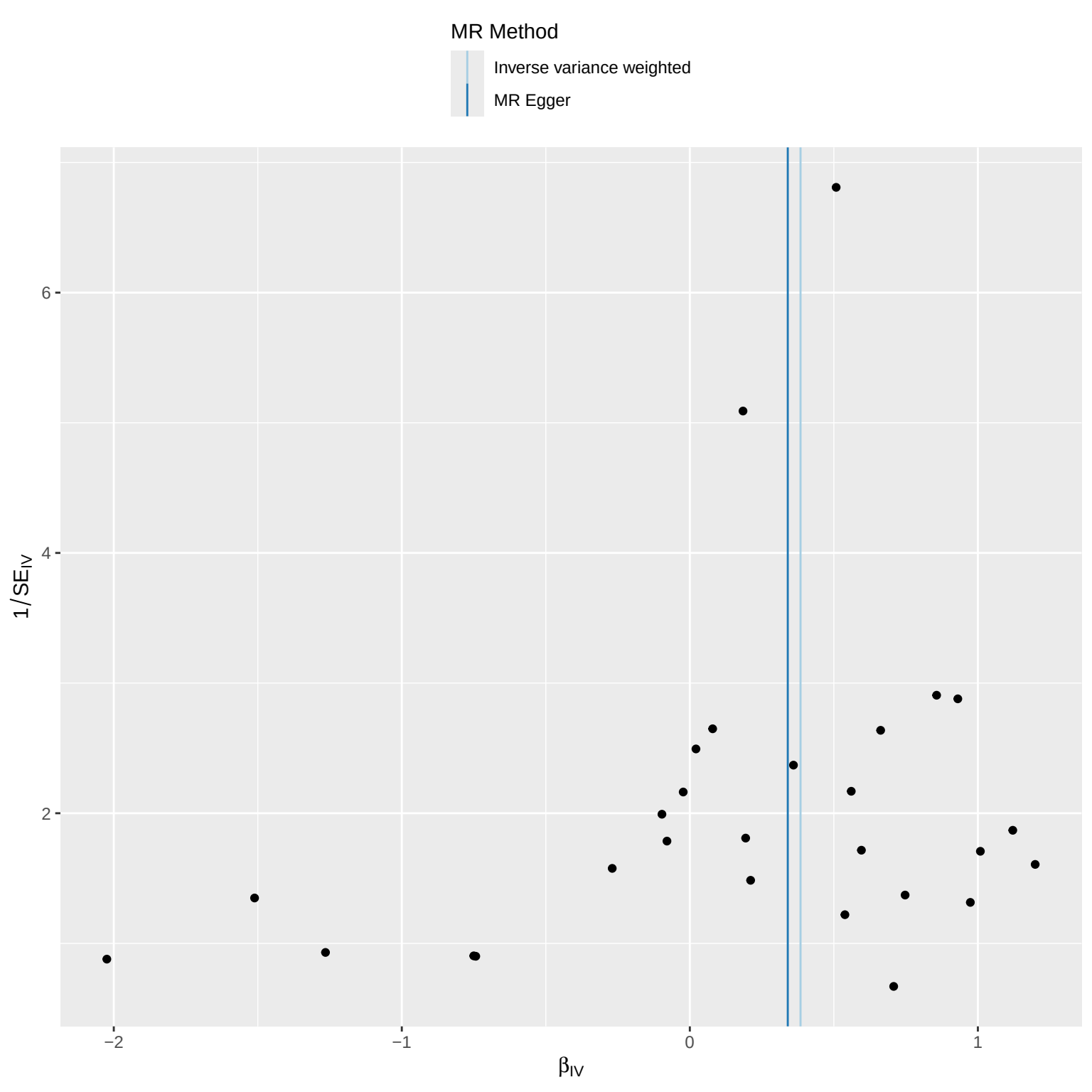

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

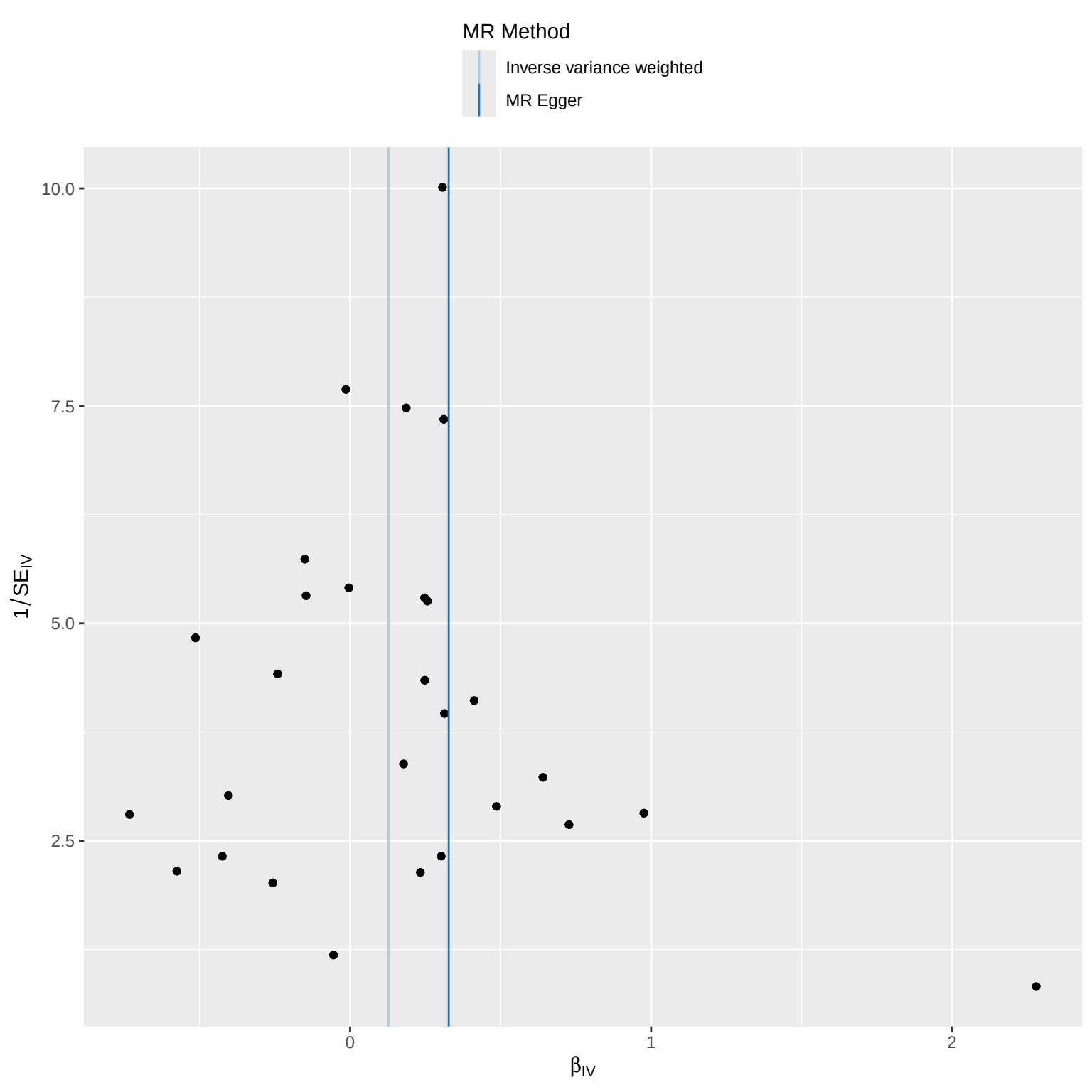

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

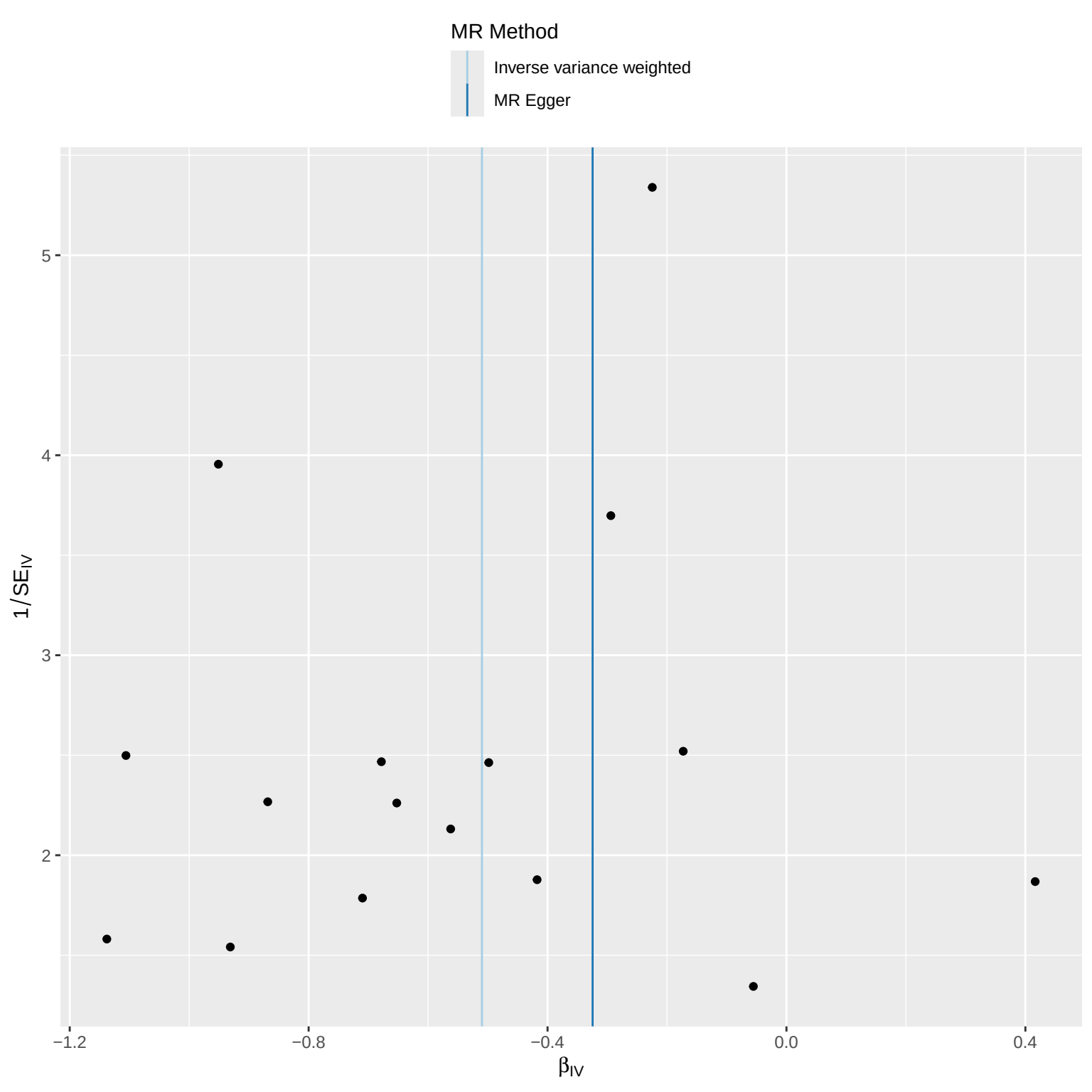

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−5
0
5
10
β_IV

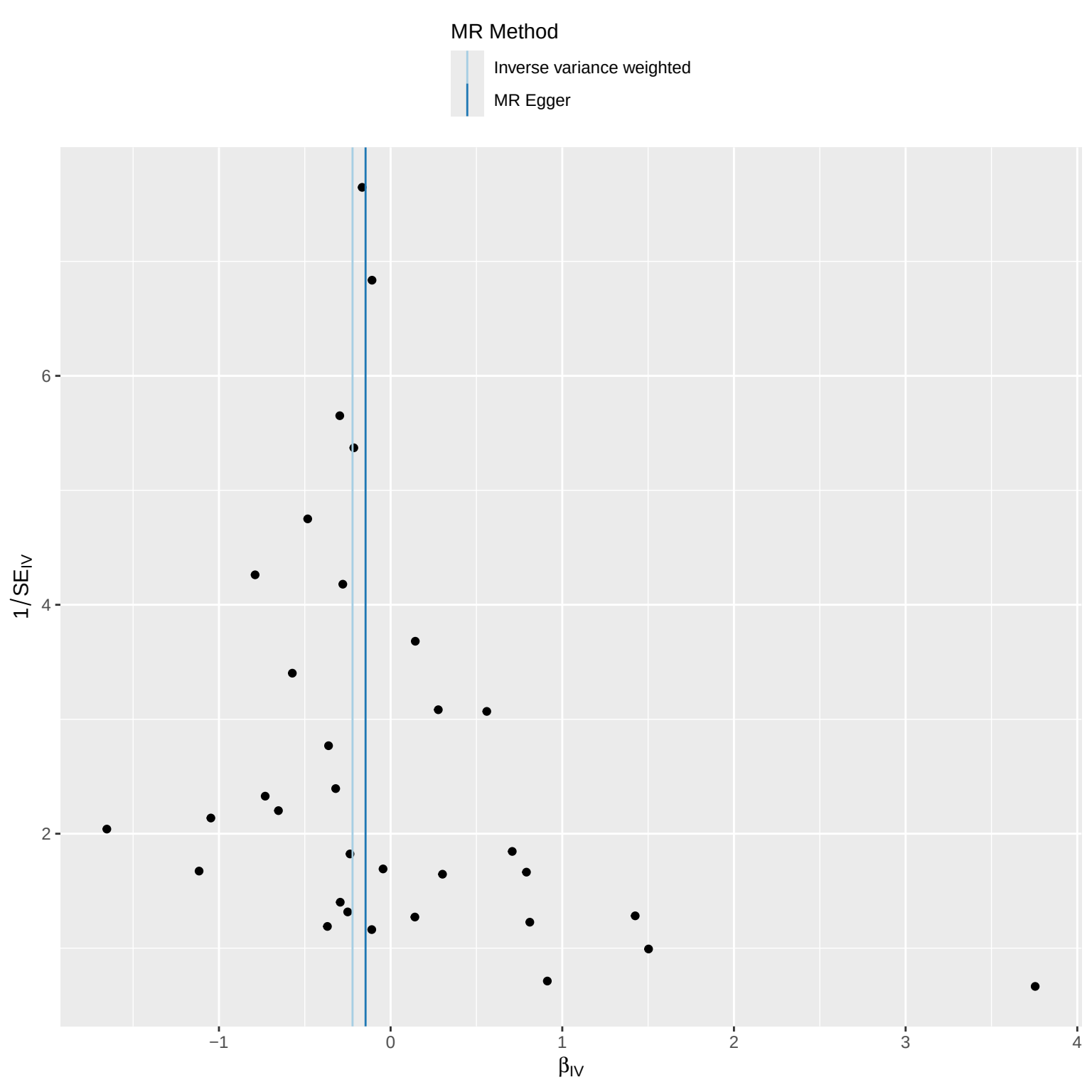

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

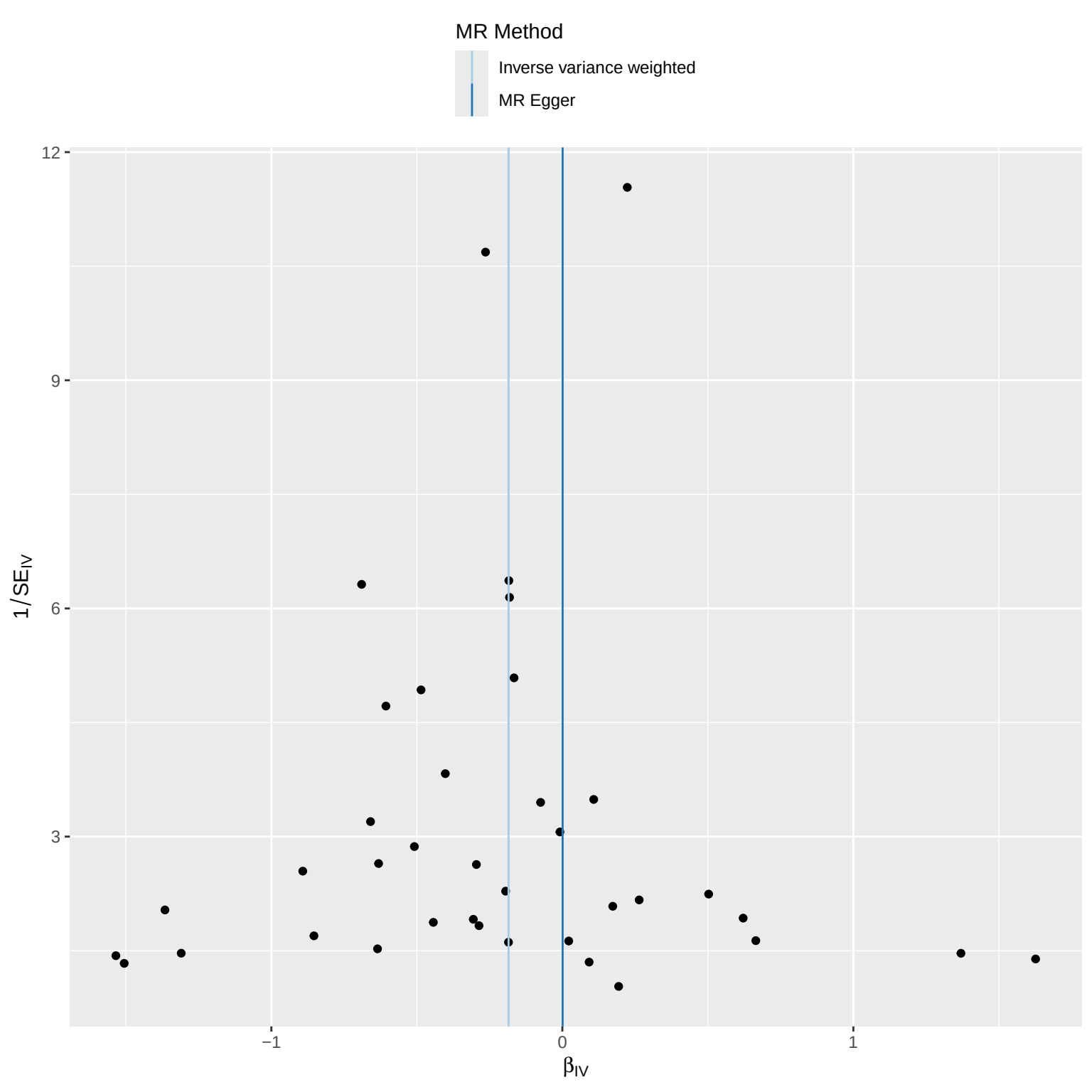

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

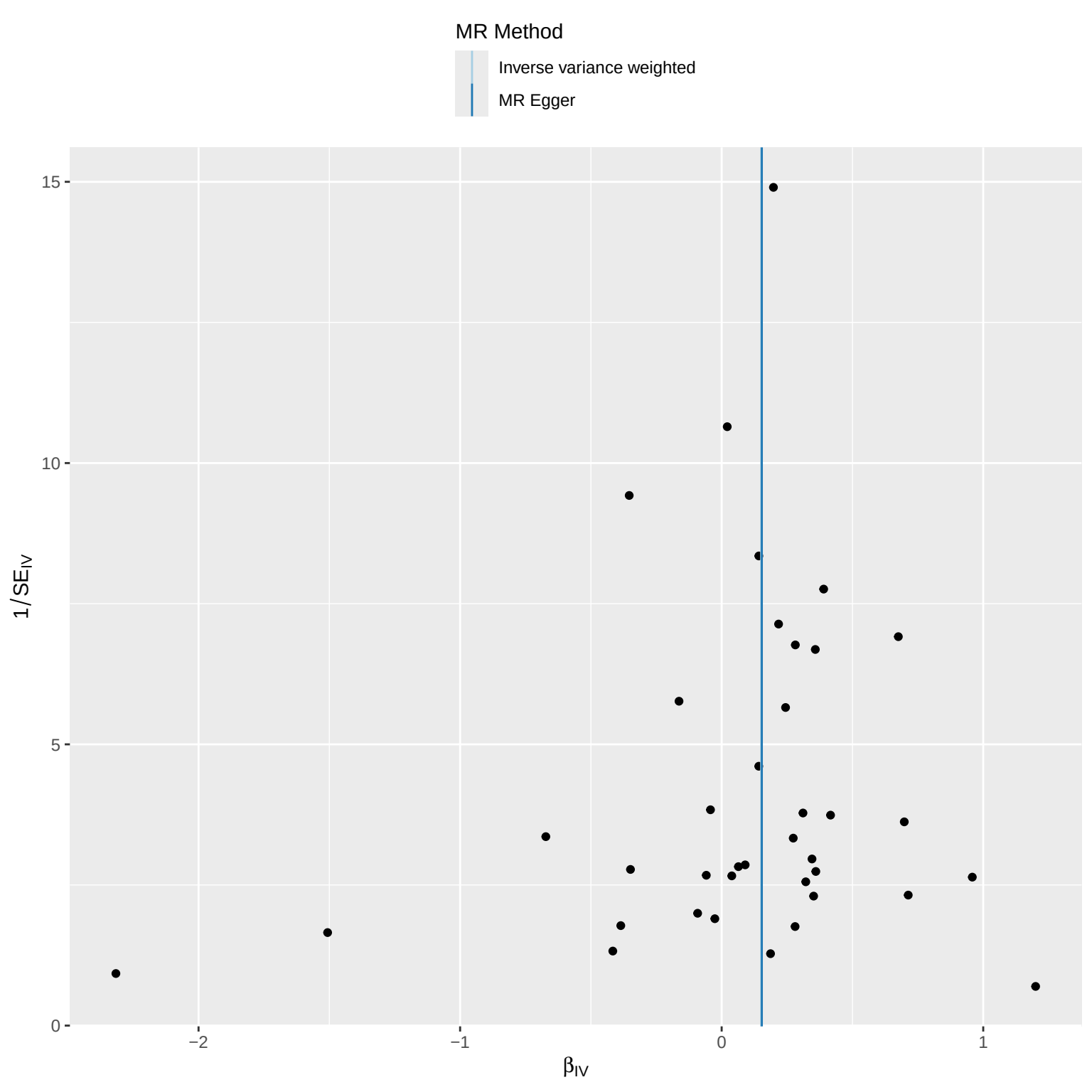

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

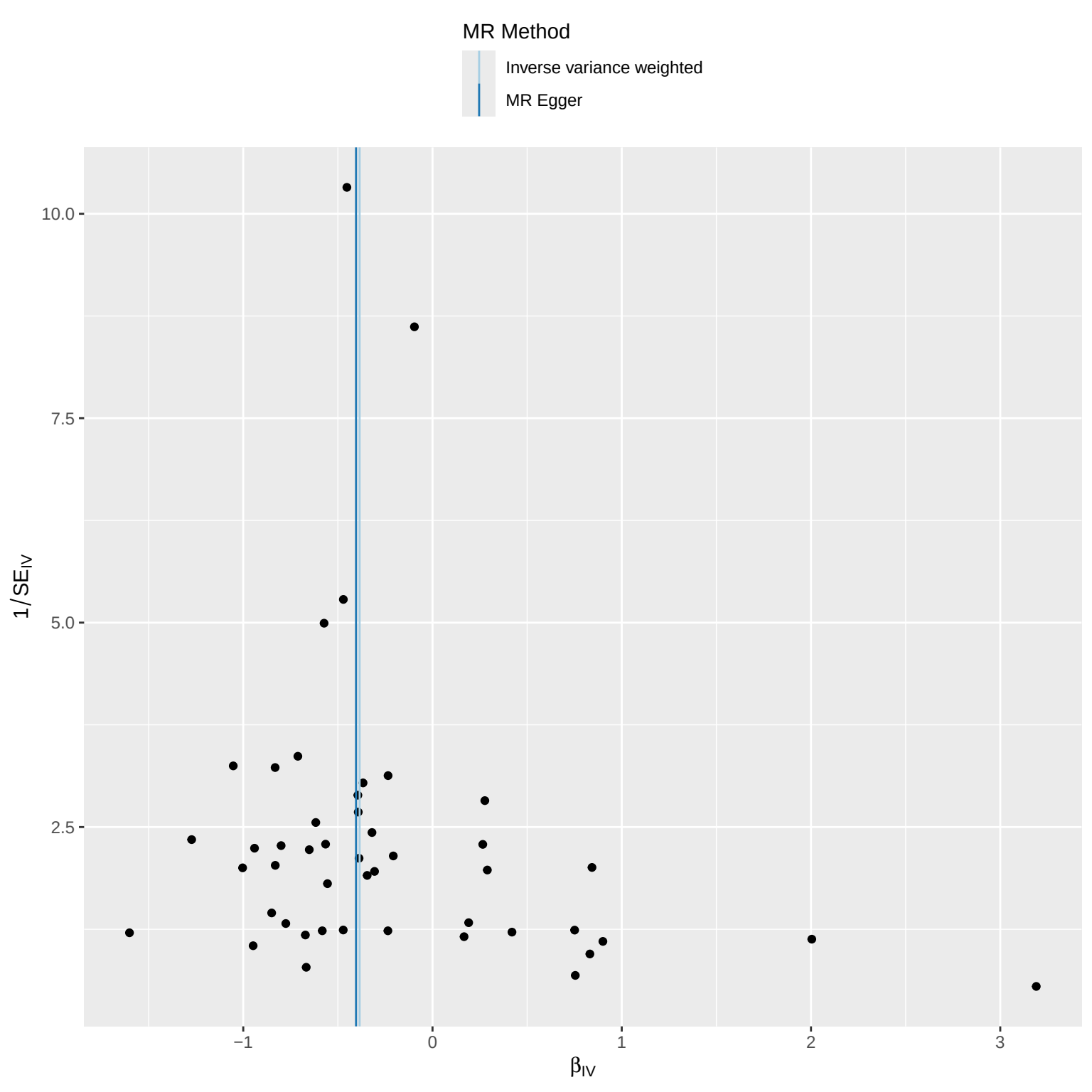

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
0
1
2
β_IV

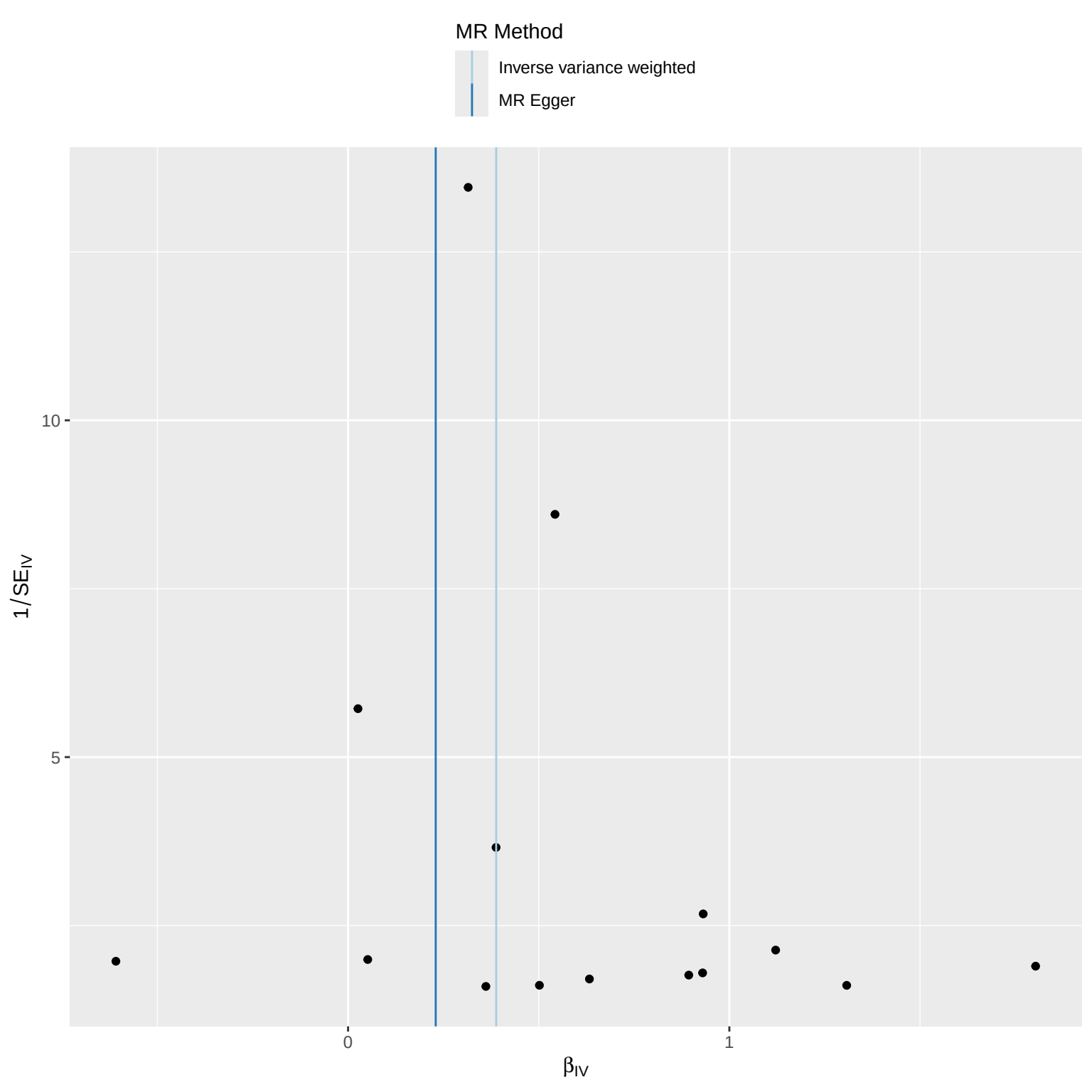

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.2
−0.8
−0.4
0.0
0.4
β_IV

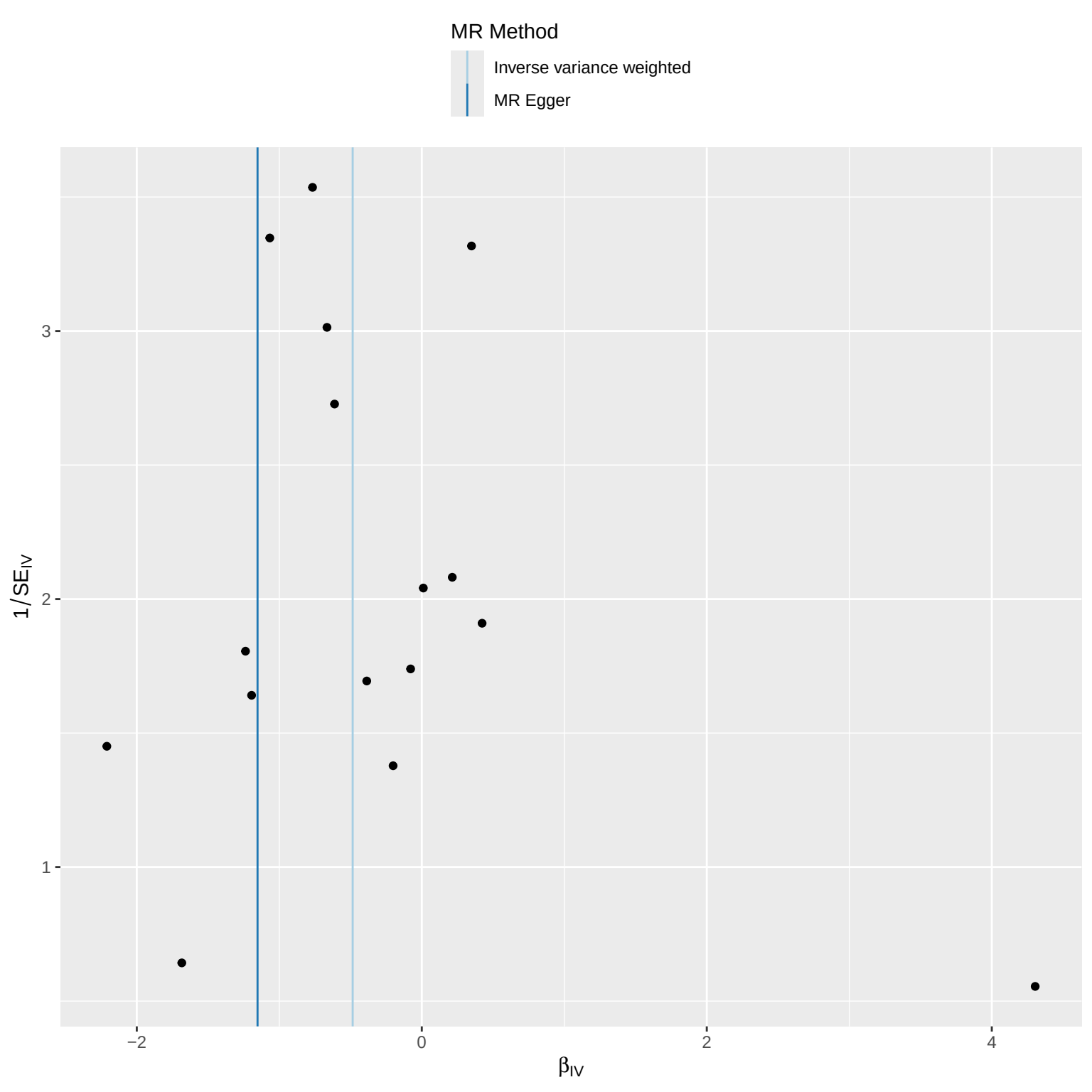

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
3
4
β_IV

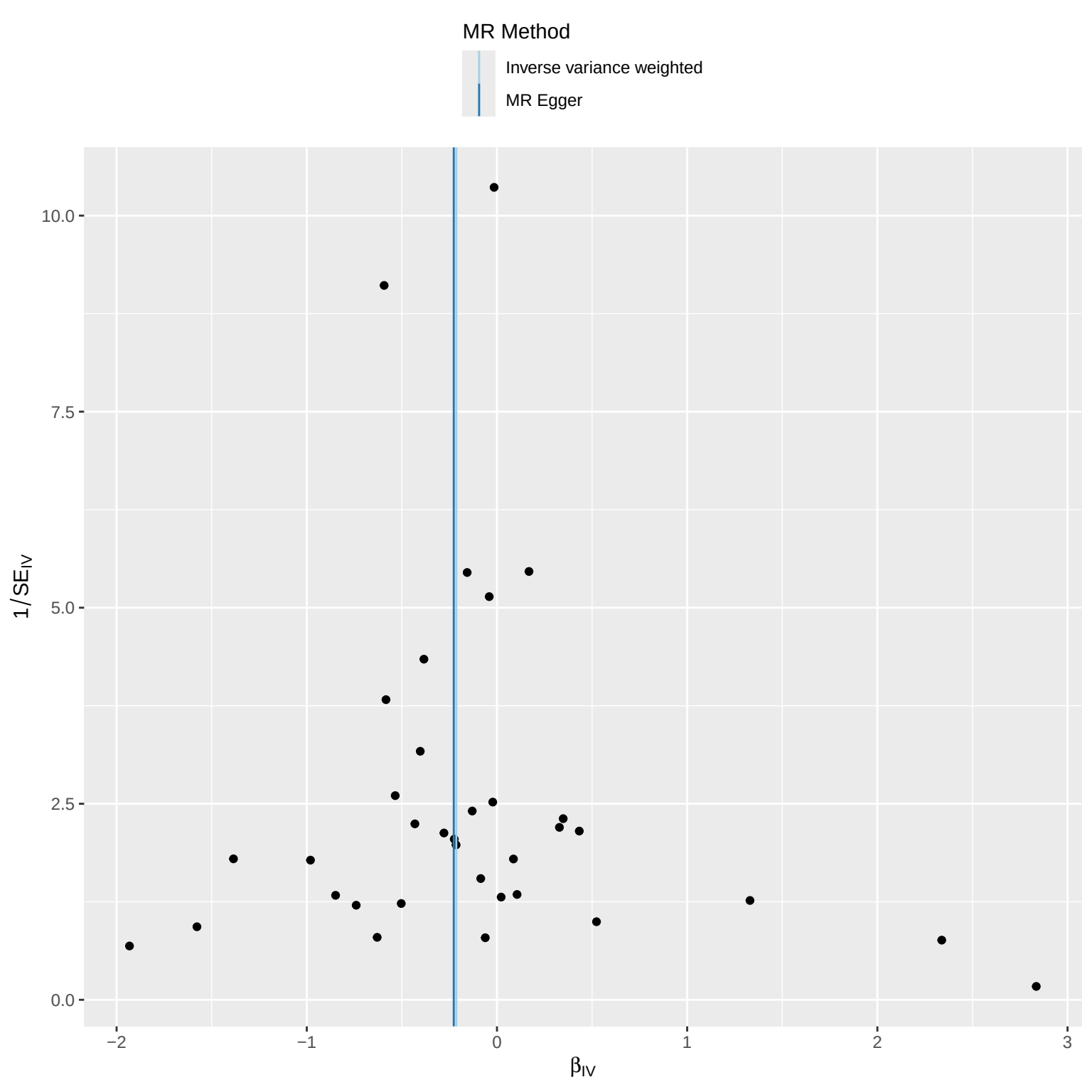

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−1
0
1
β_IV

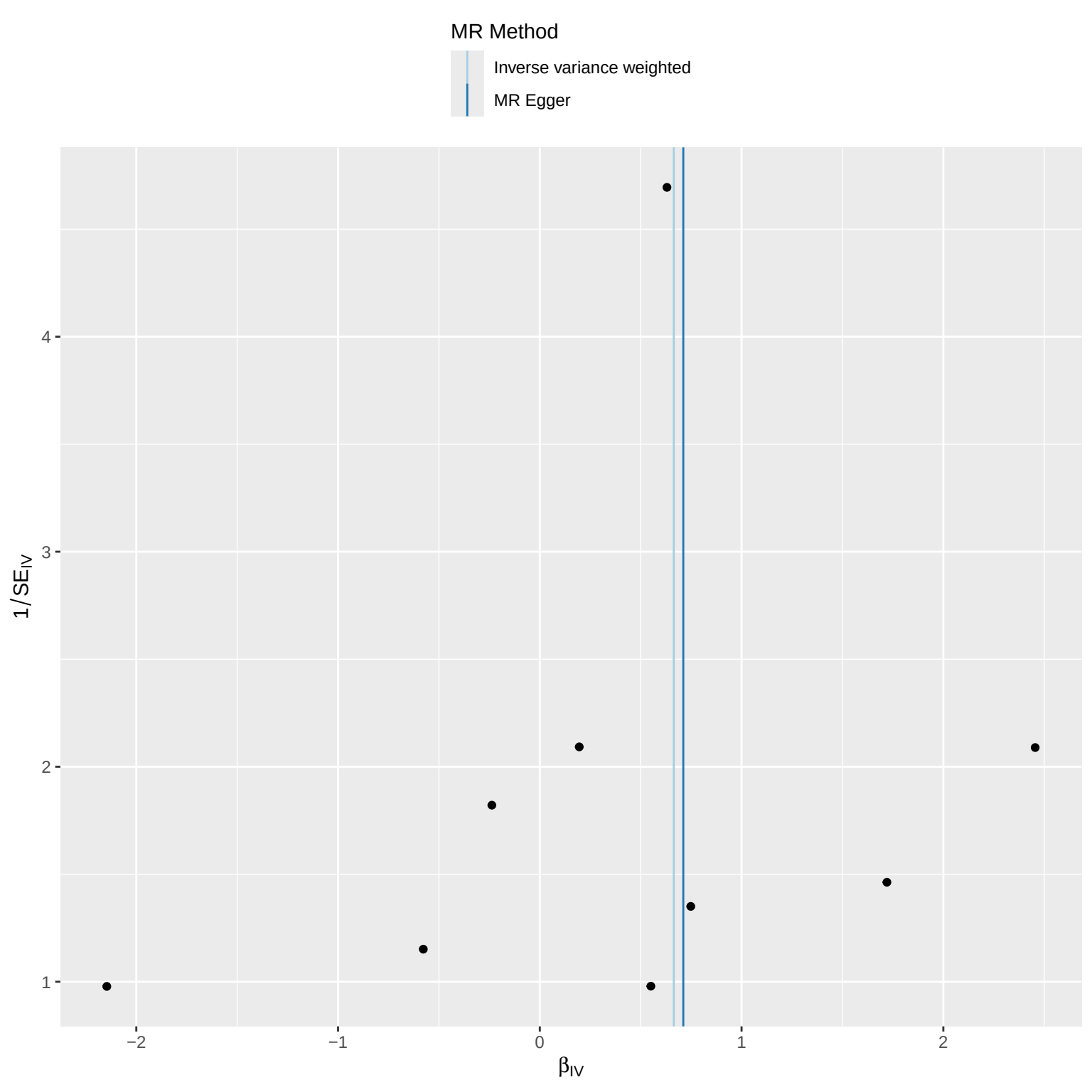

MR Method
Inverse variance weighted
MR Egger
15
10
5
0
−2
−1
0
1
1/SE_IV
β_IV

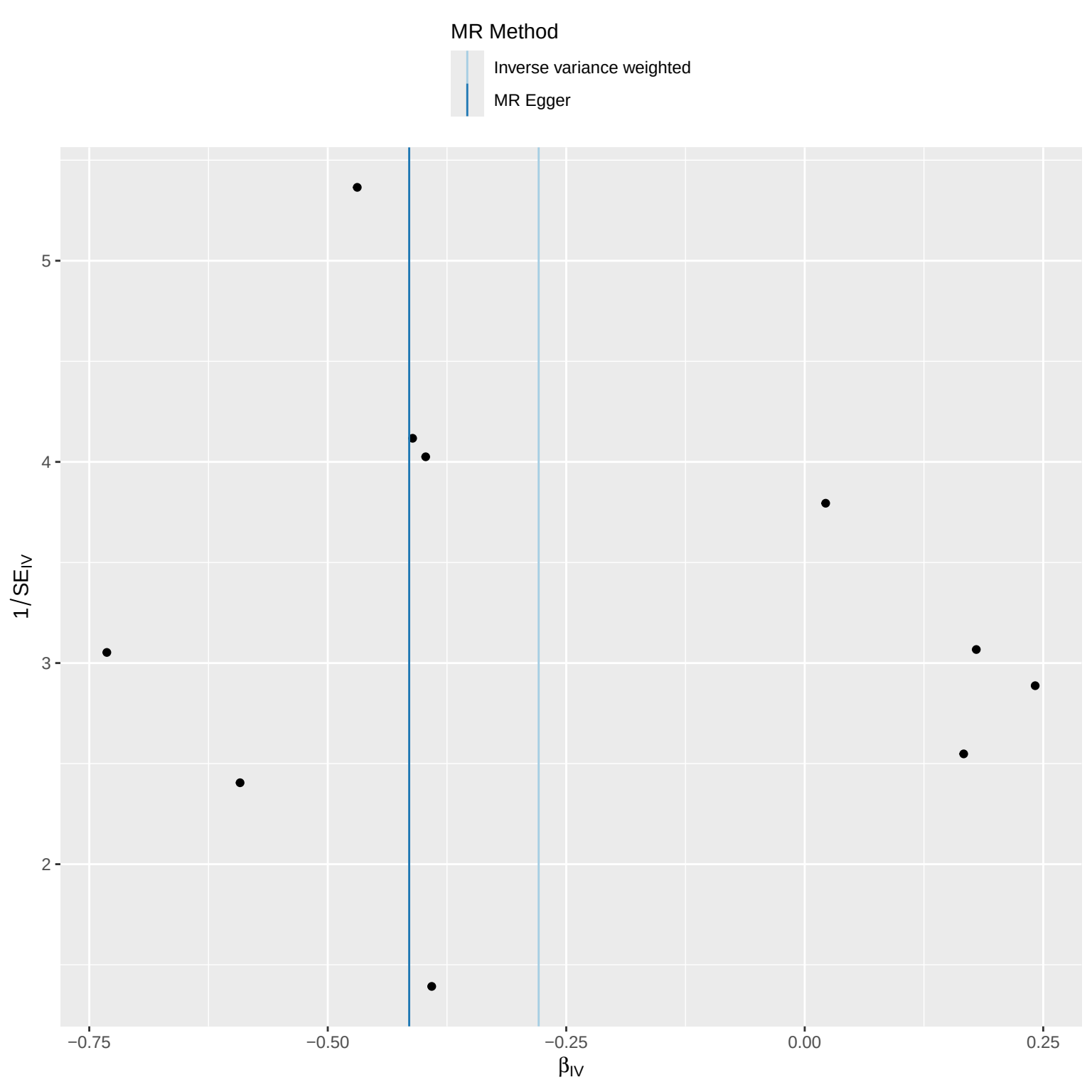

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
3
β_IV

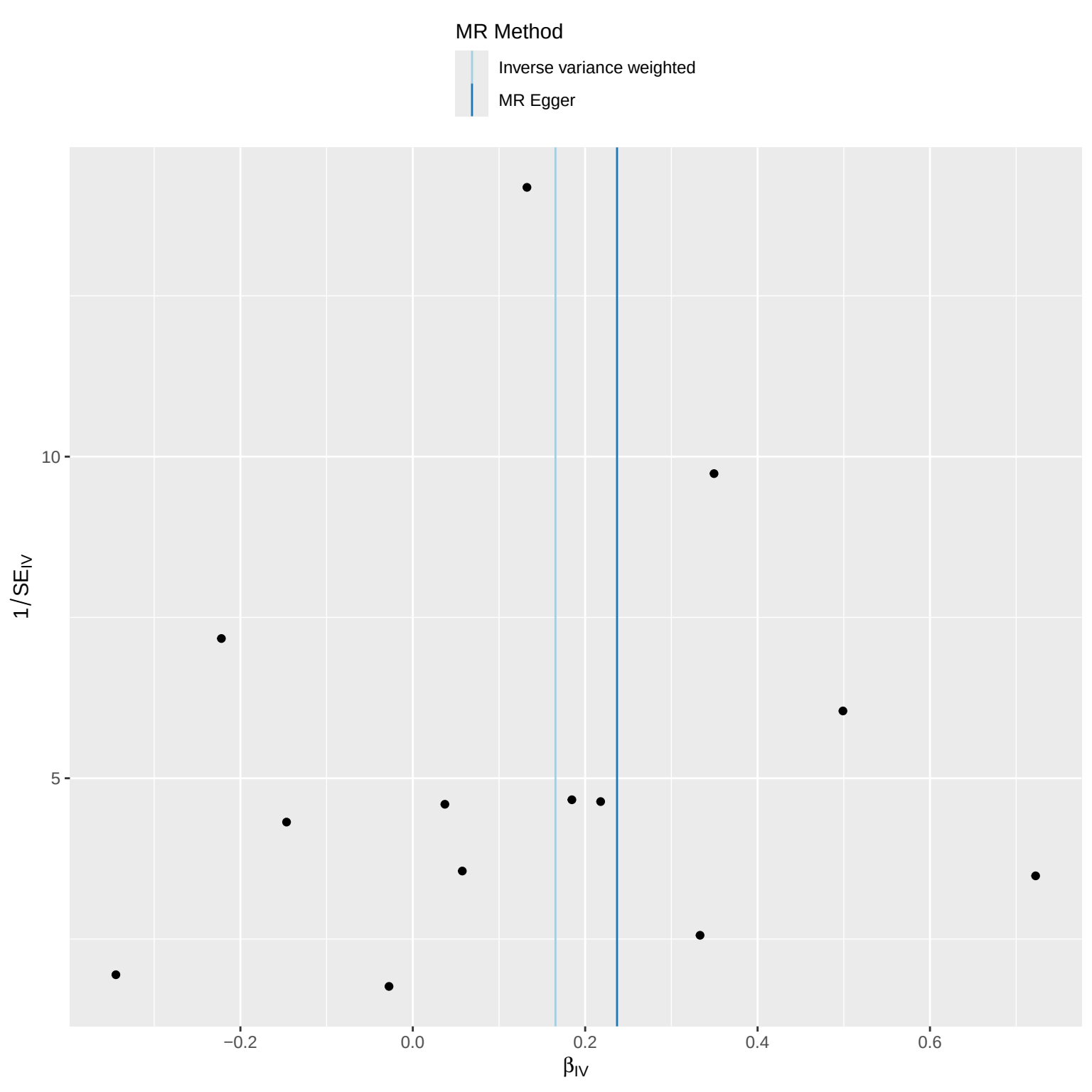

MR Method
Inverse variance weighted
MR Egger
10
5
0
1
1/SE_IV
β_IV

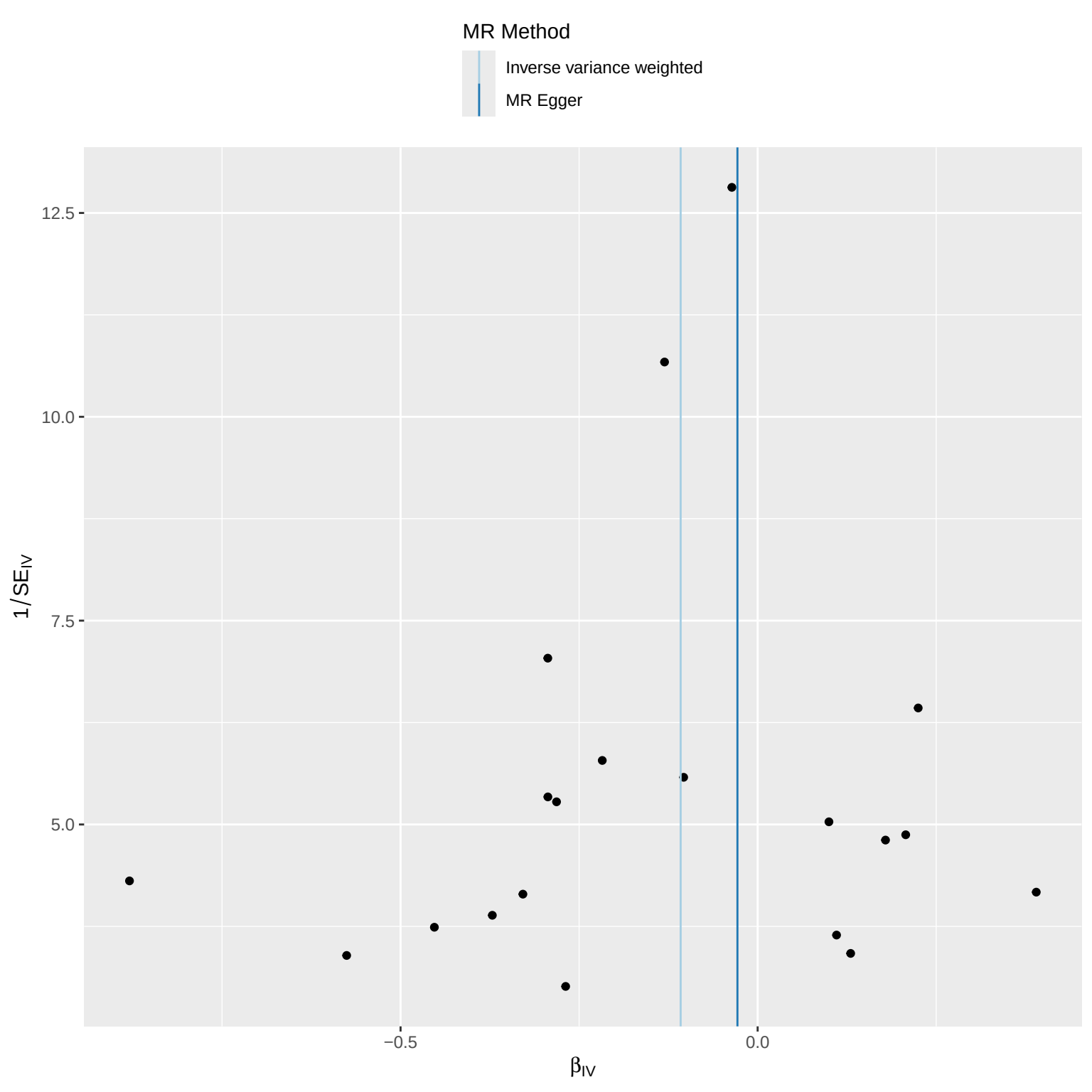

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

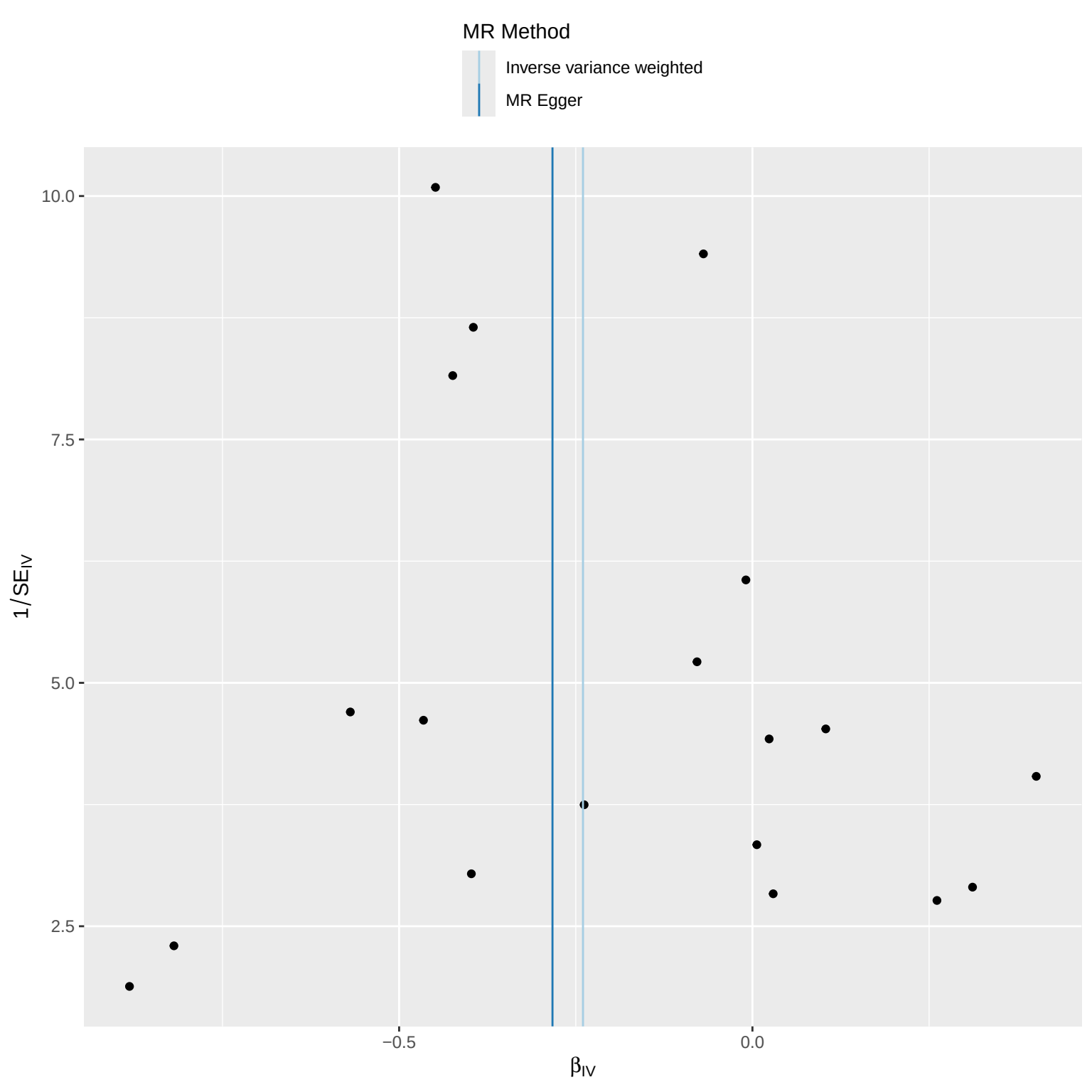

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−2
−1
0
1
2
3
β_IV

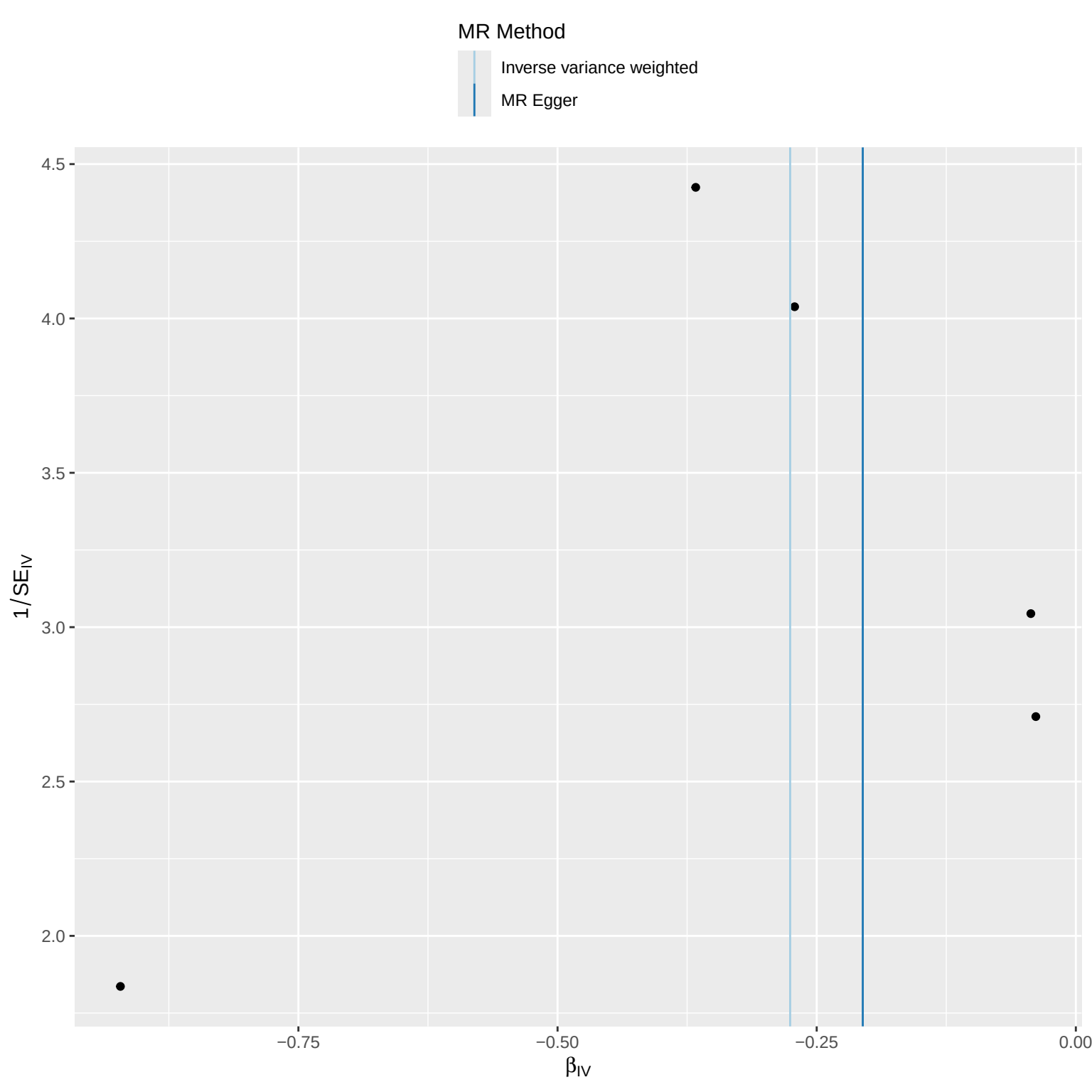

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2

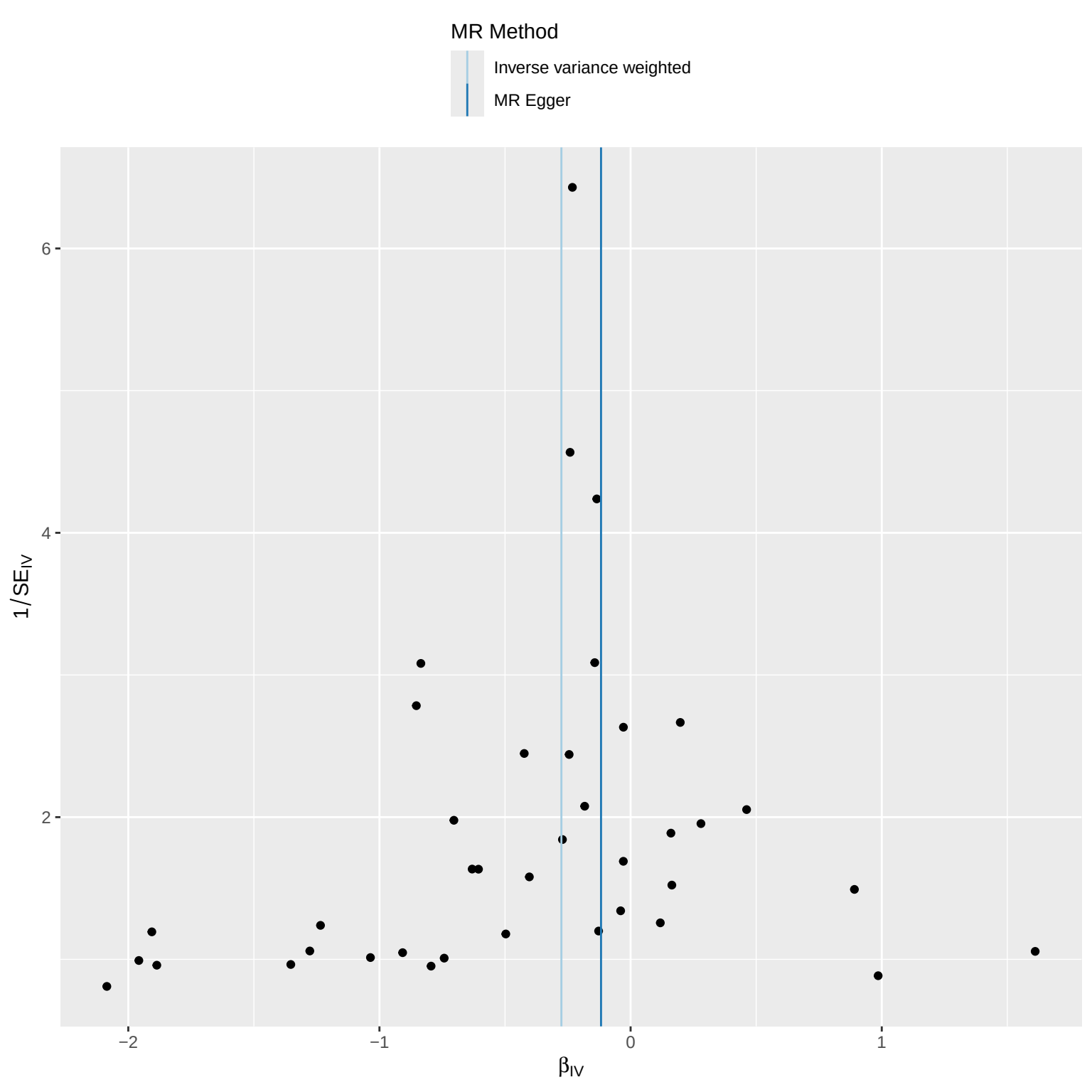

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.75
−0.50
−0.25
0.00
0.25
β_IV

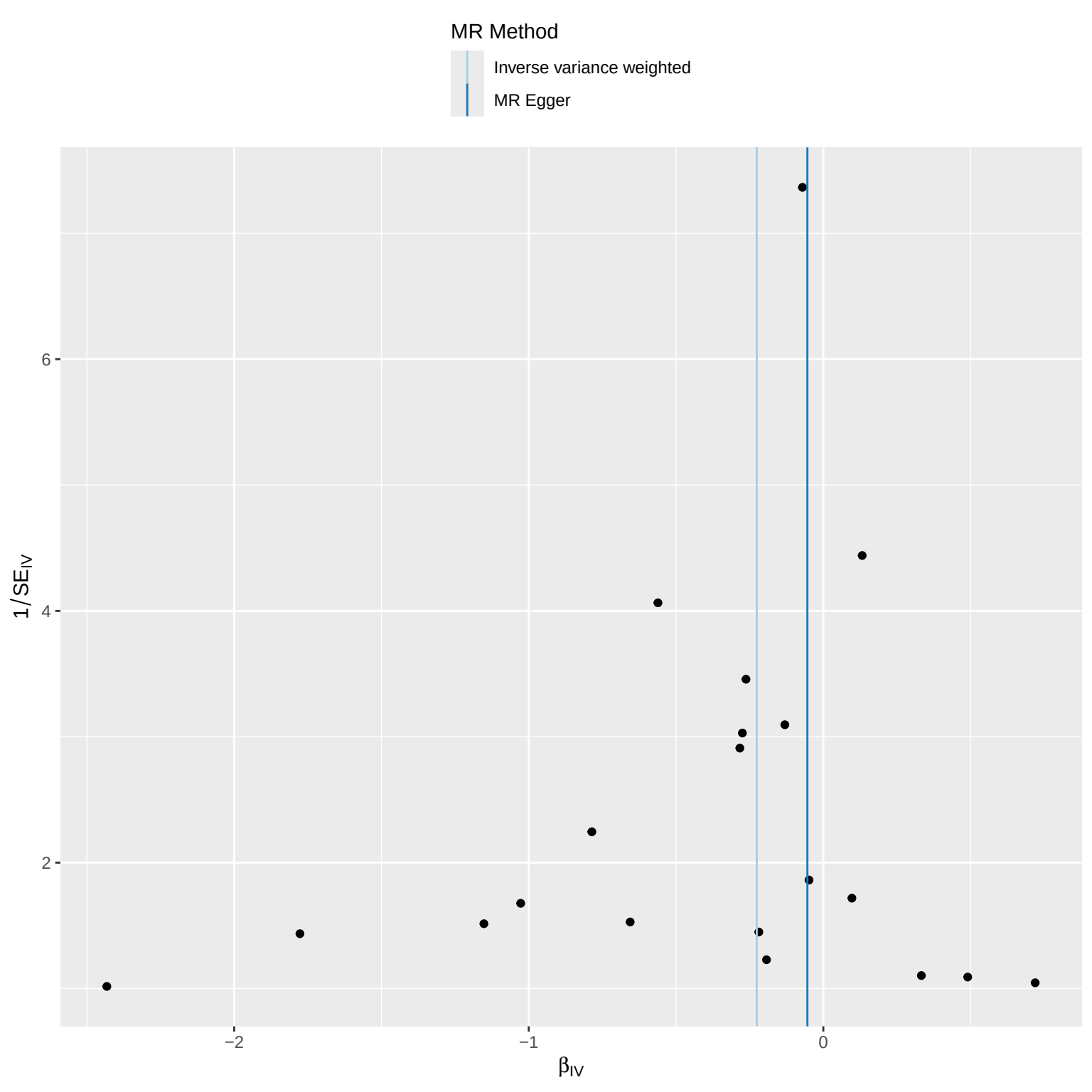

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.2
0.0
0.2
0.4
0.6
β_IV

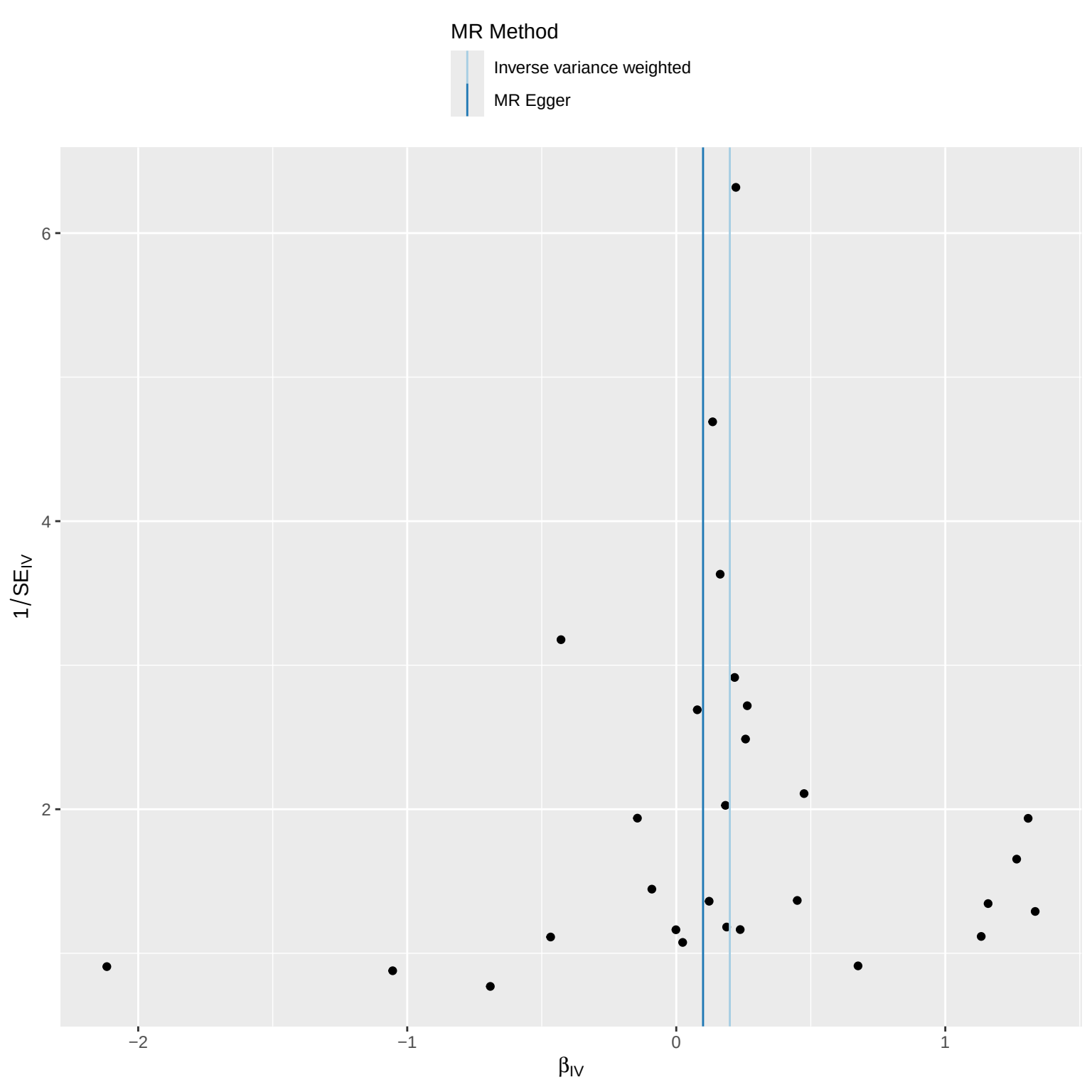

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
1/SE_IV
−0.5
0.0
β_IV

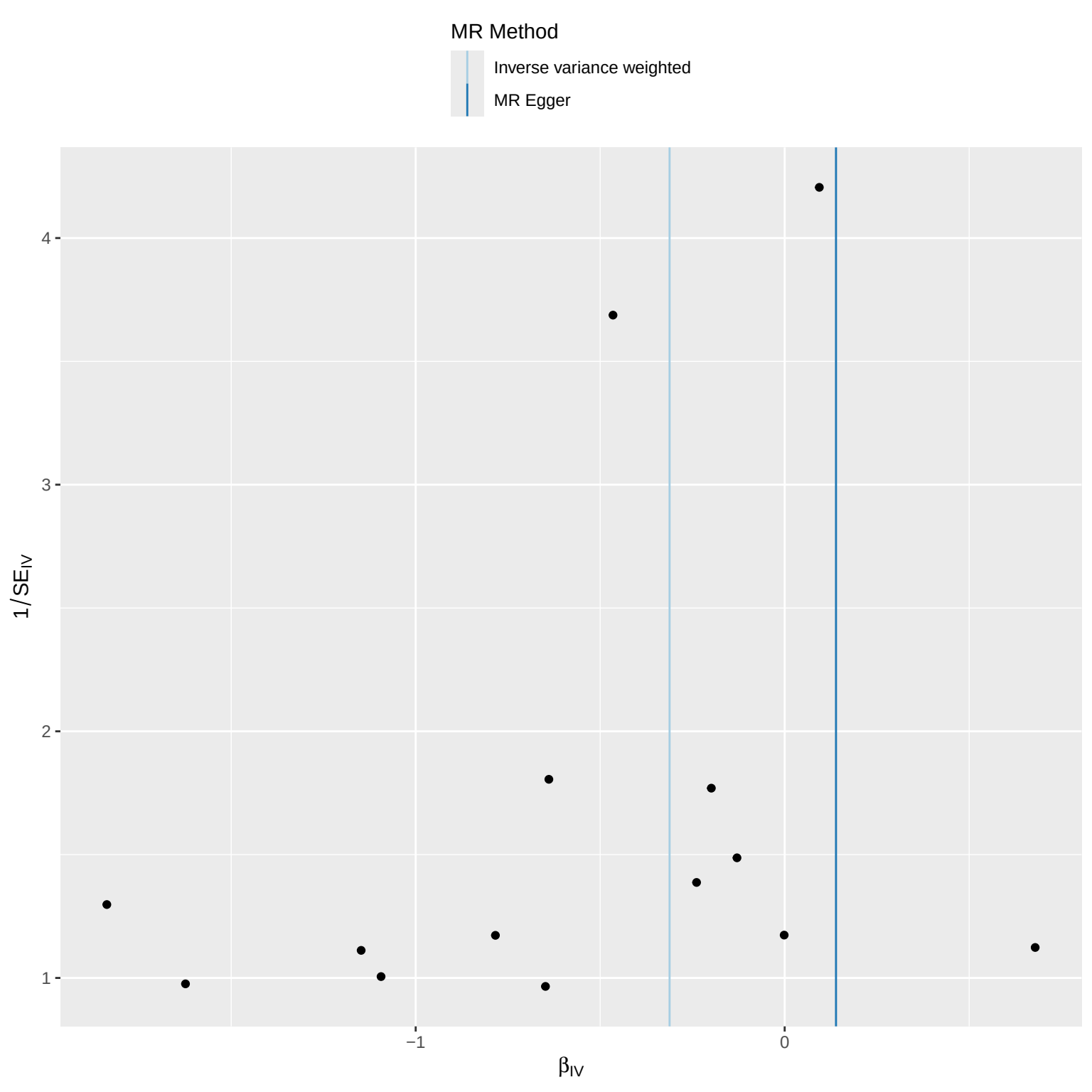

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
β_IV

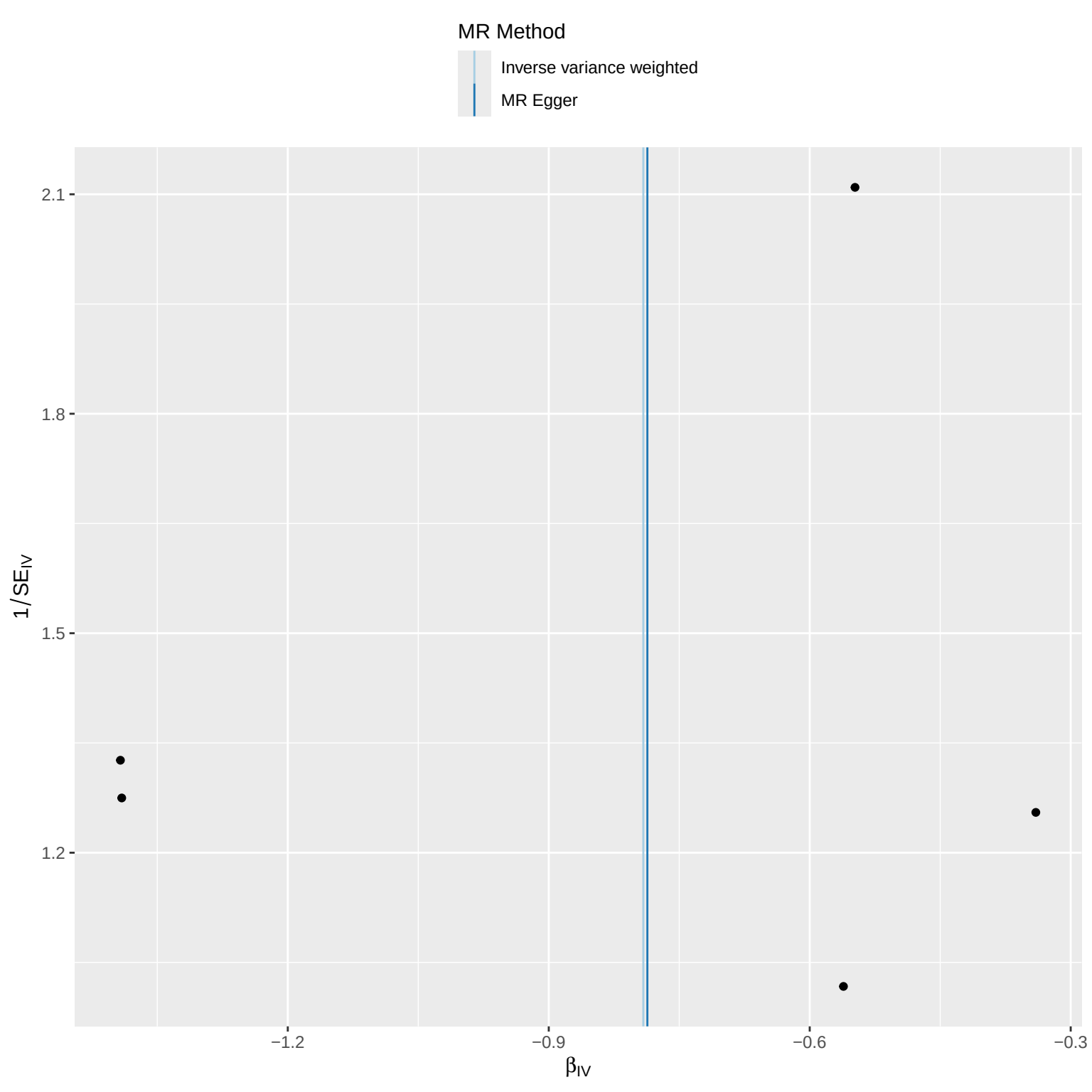

MR Method
Inverse variance weighted
MR Egger
4.5
4.0
3.5
3.0
2.5
2.0
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

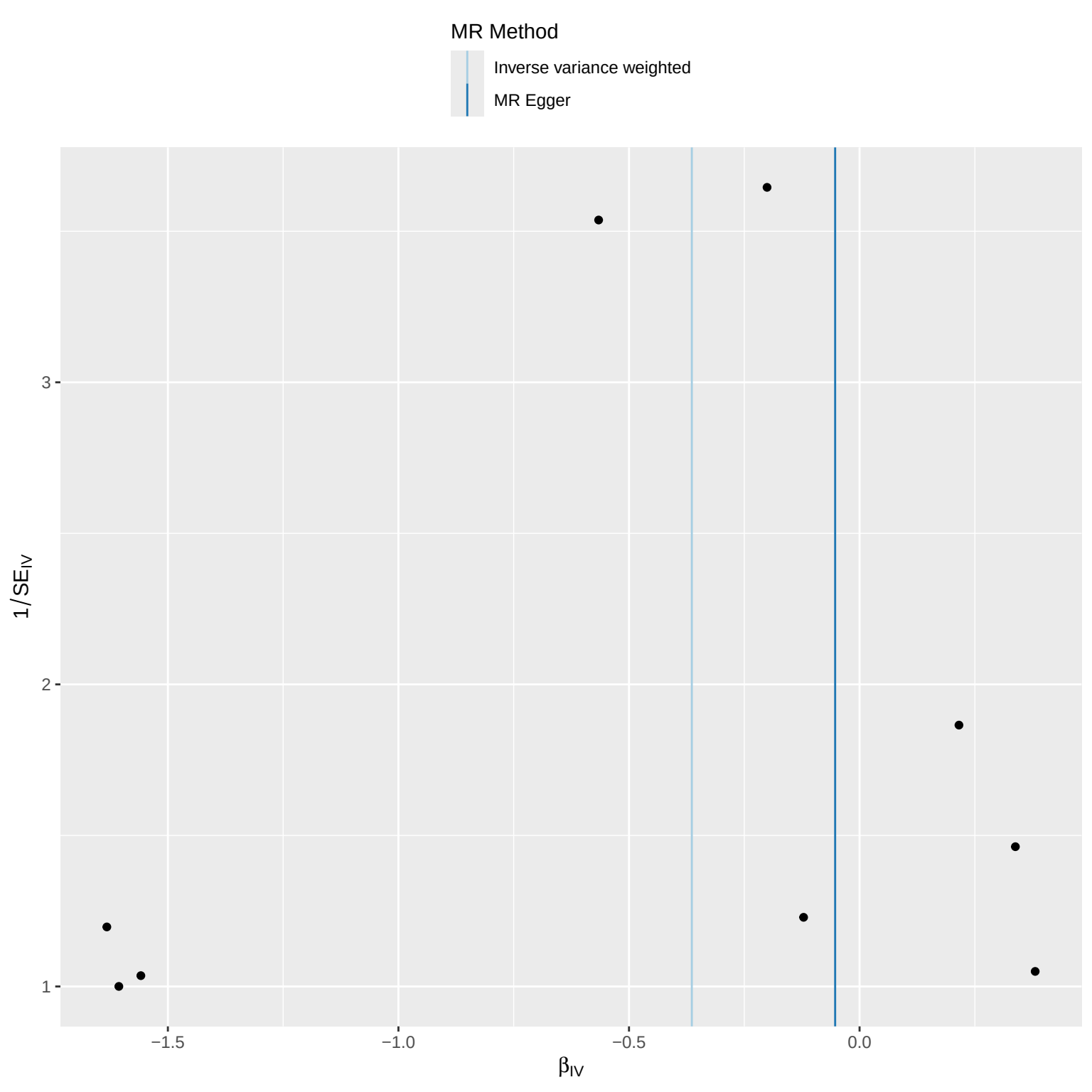

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

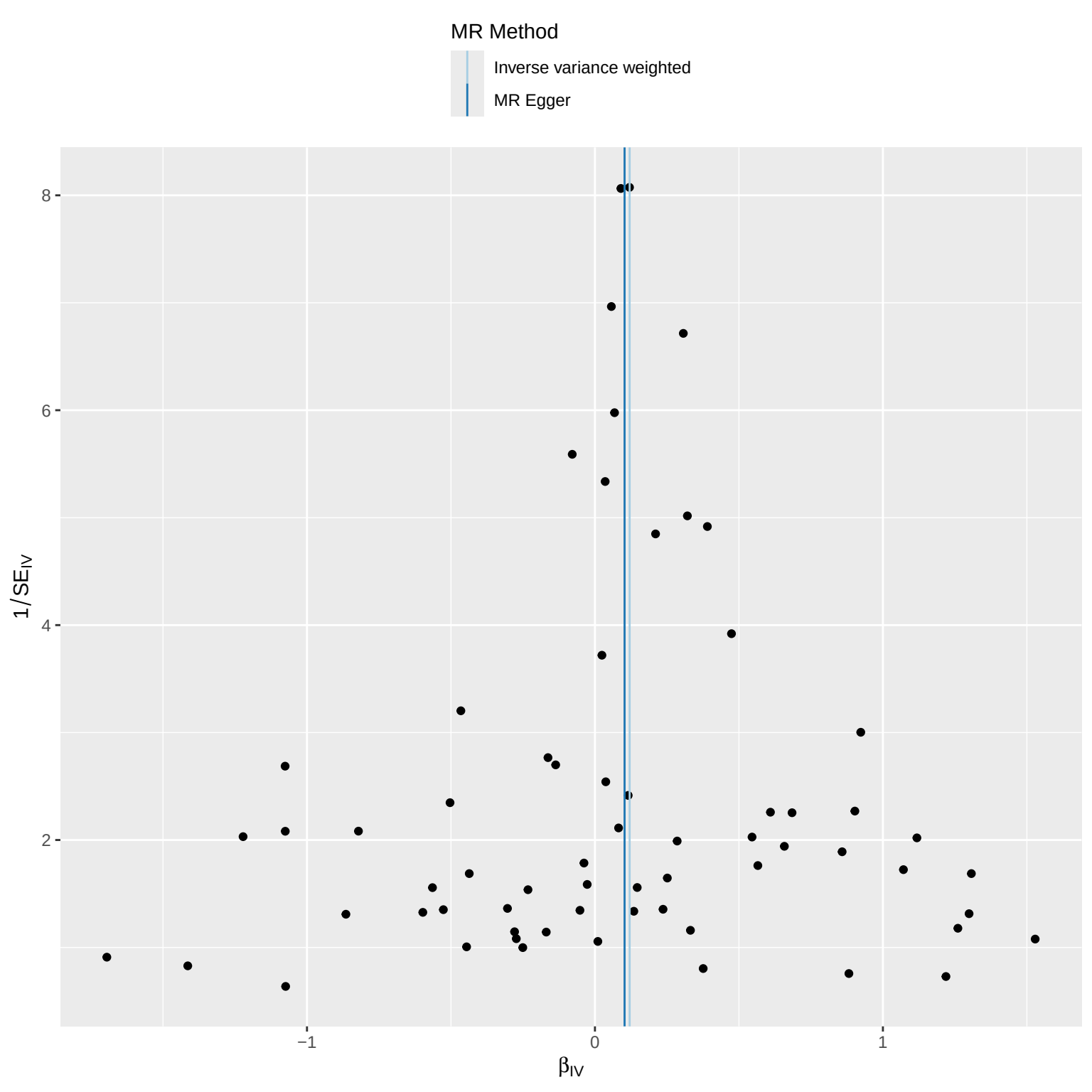

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

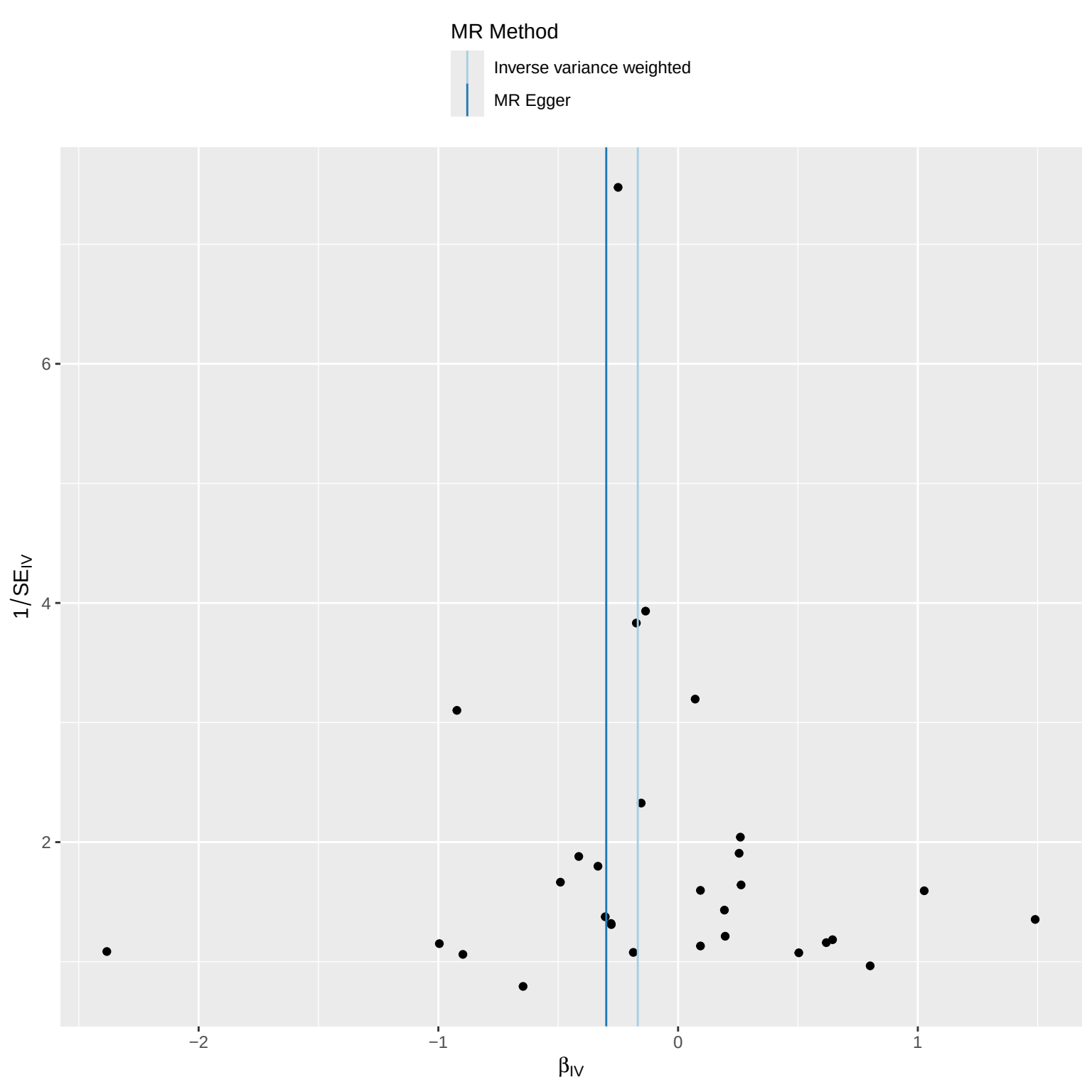

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

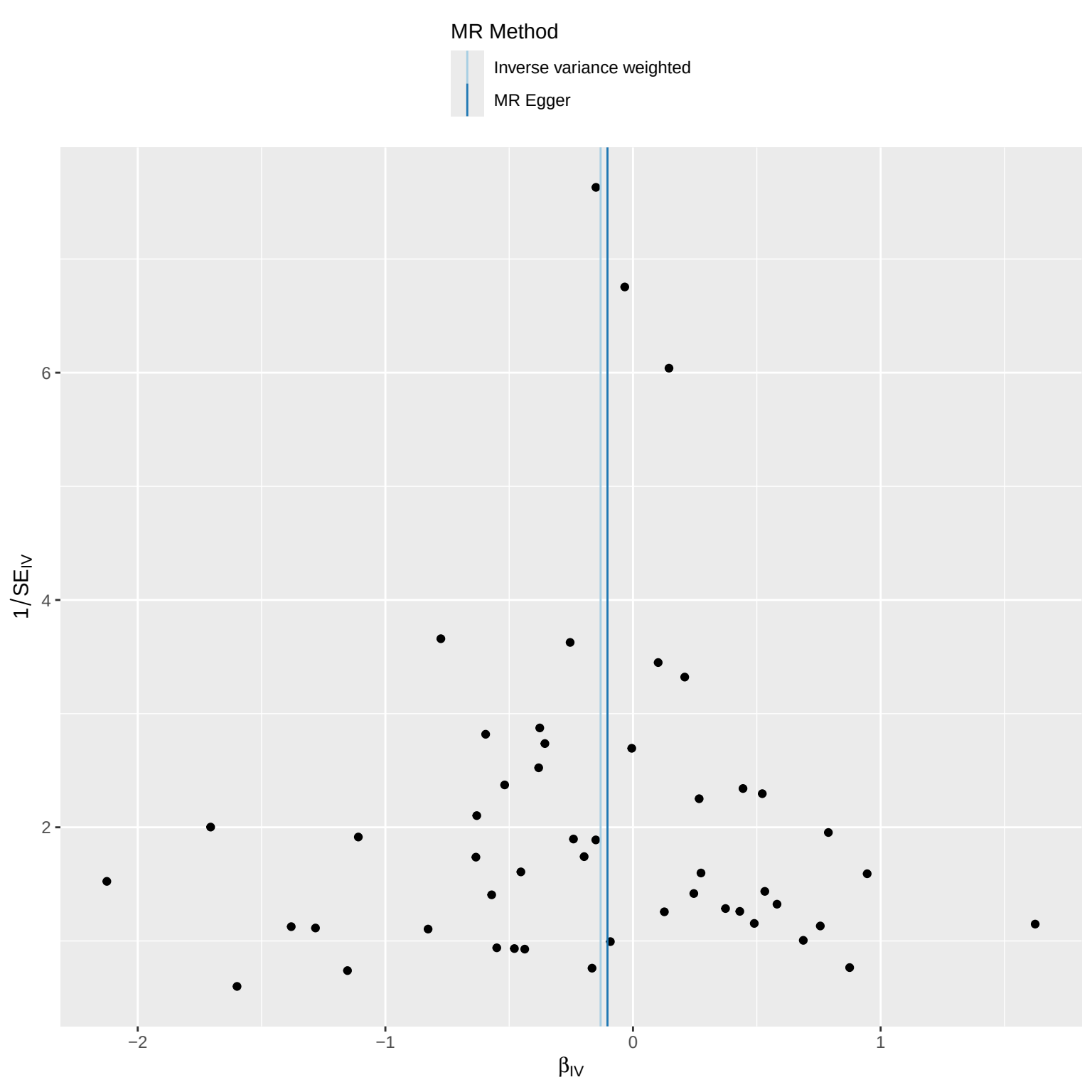

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
β_IV

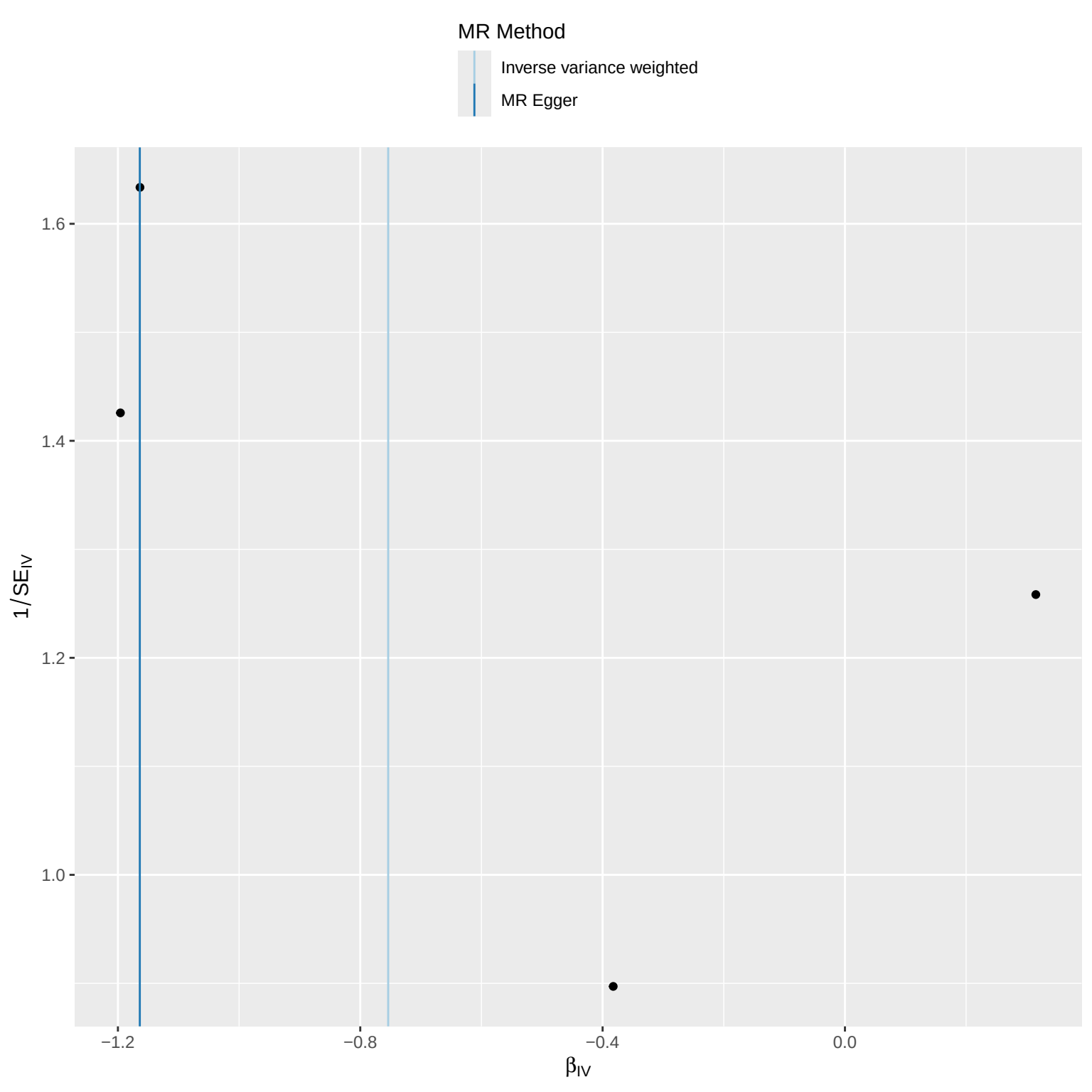

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
−1.2
−0.9
−0.6
−0.3
β_IV

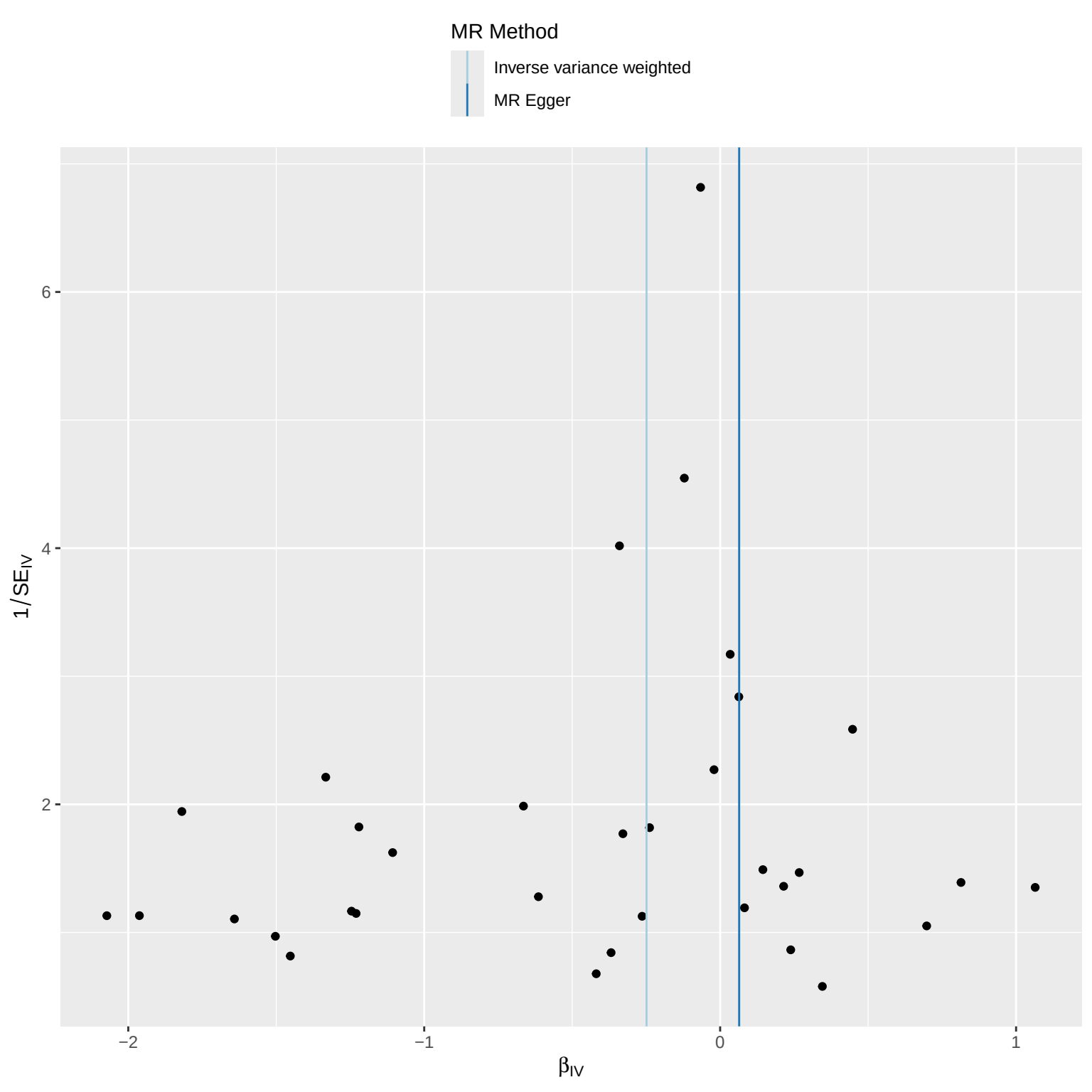

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

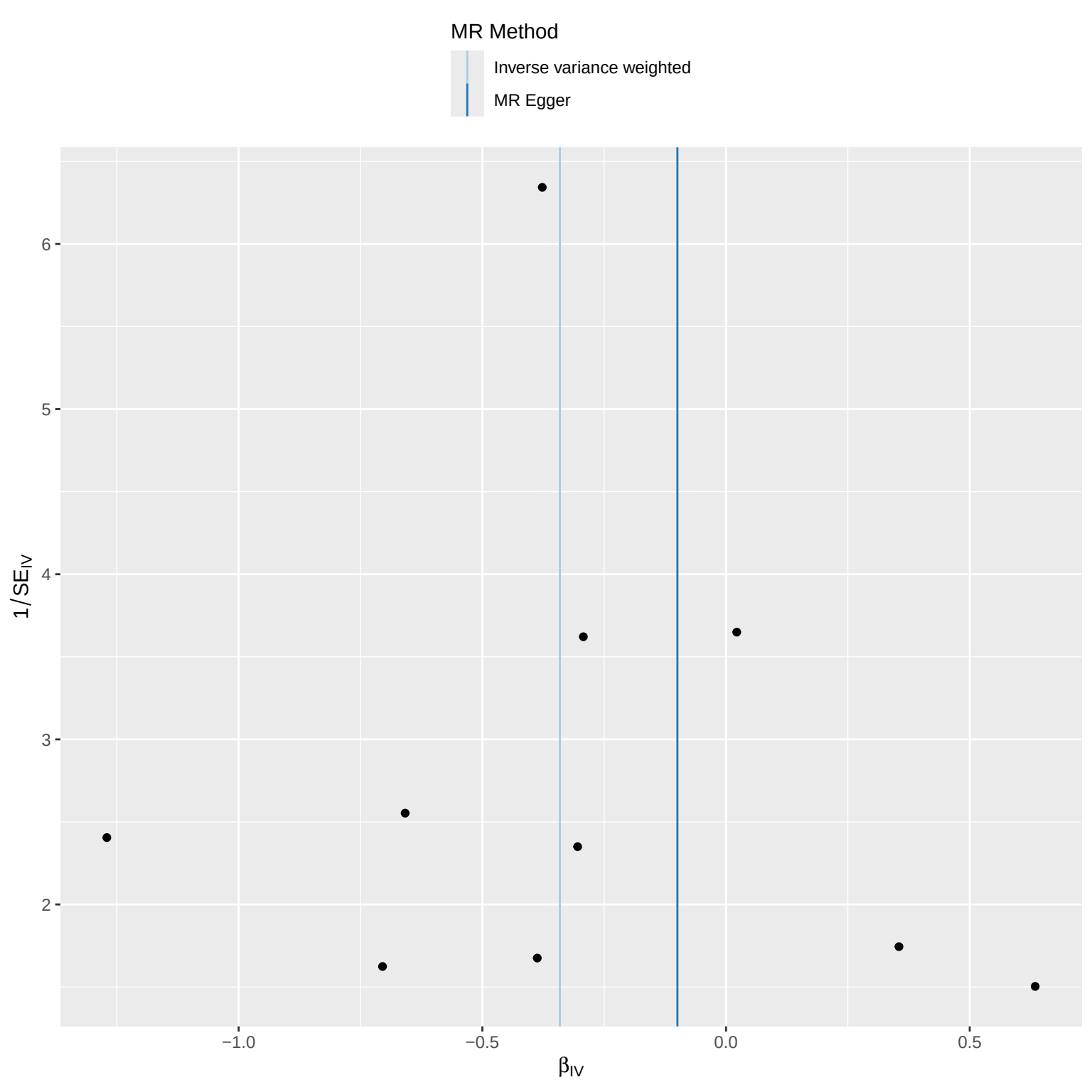

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

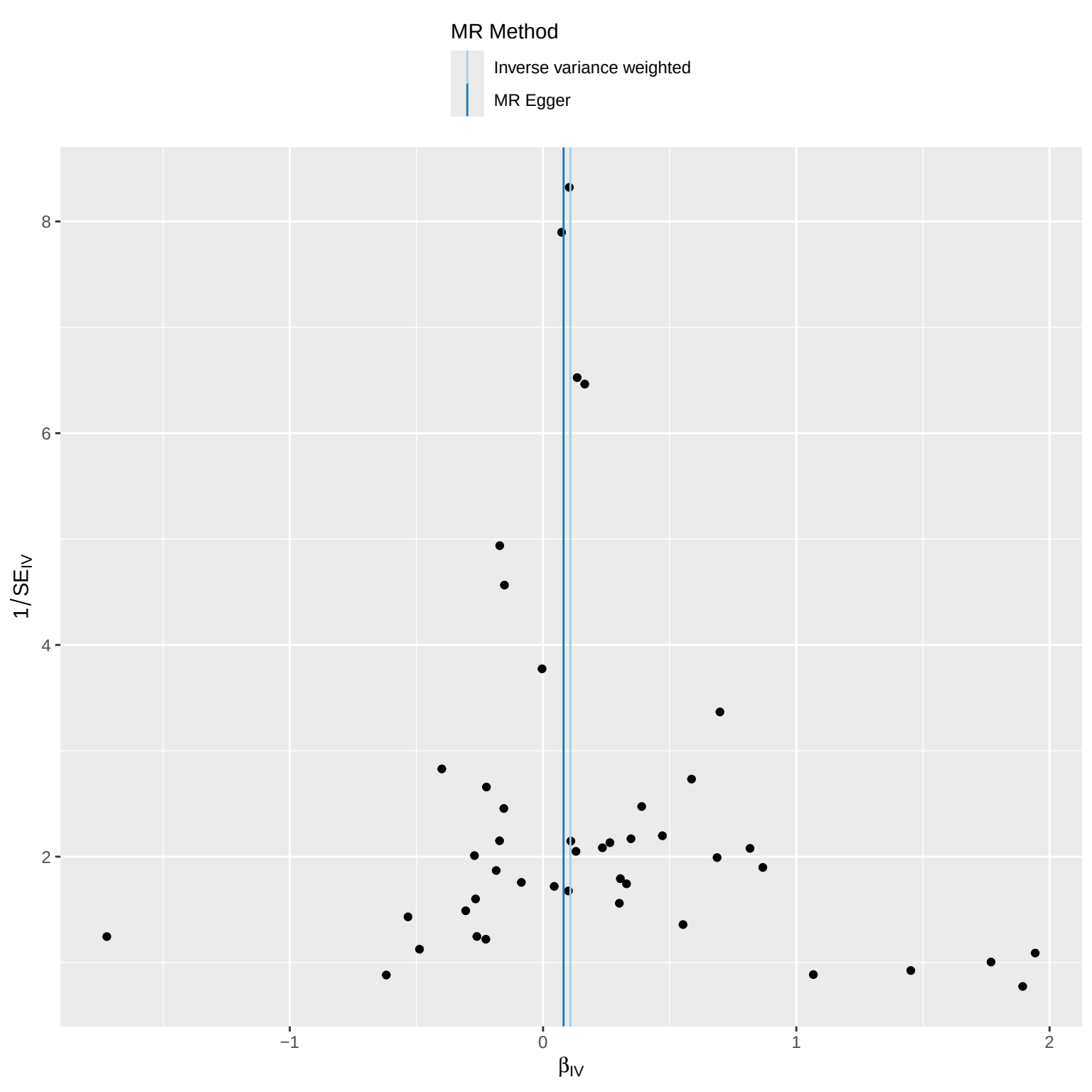

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

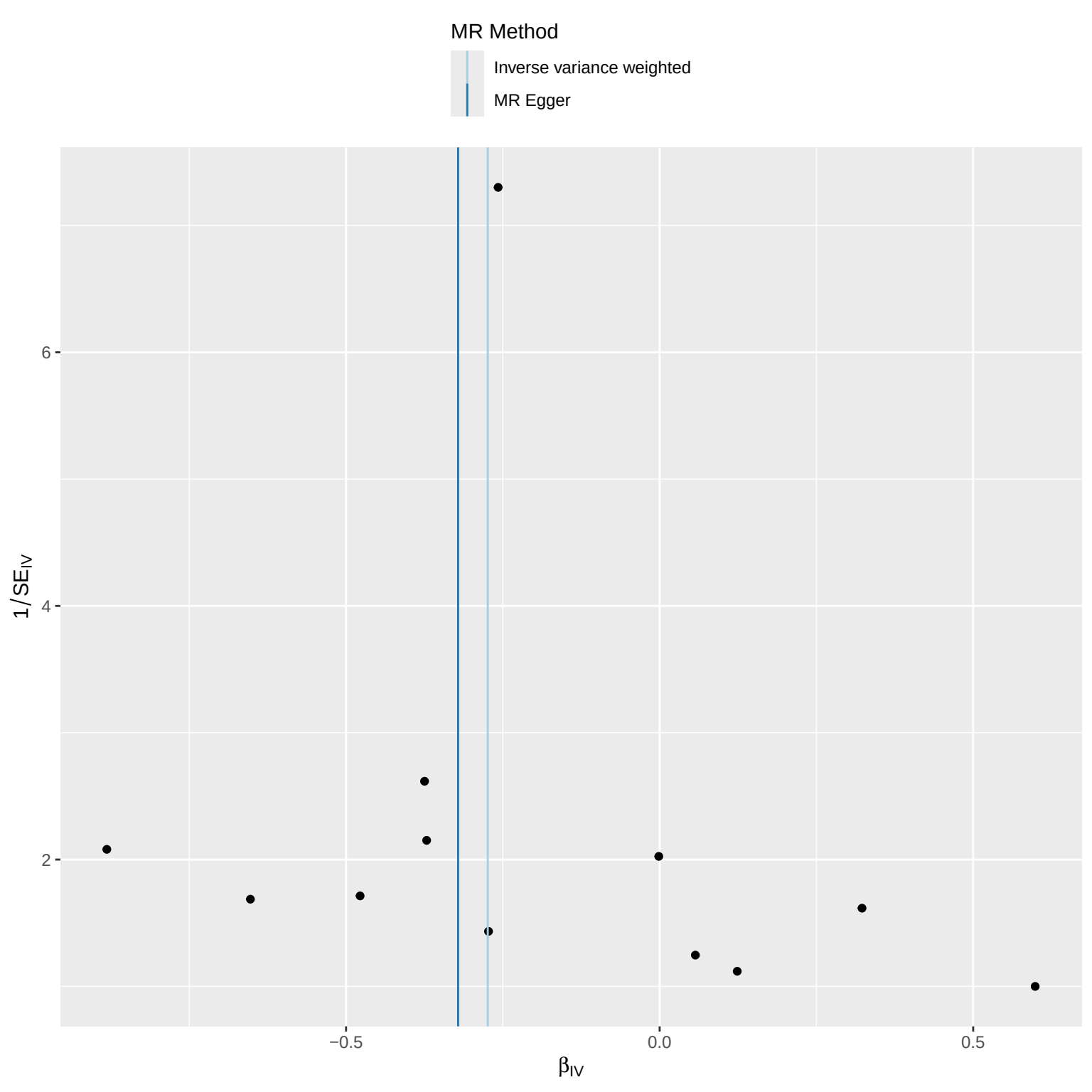

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

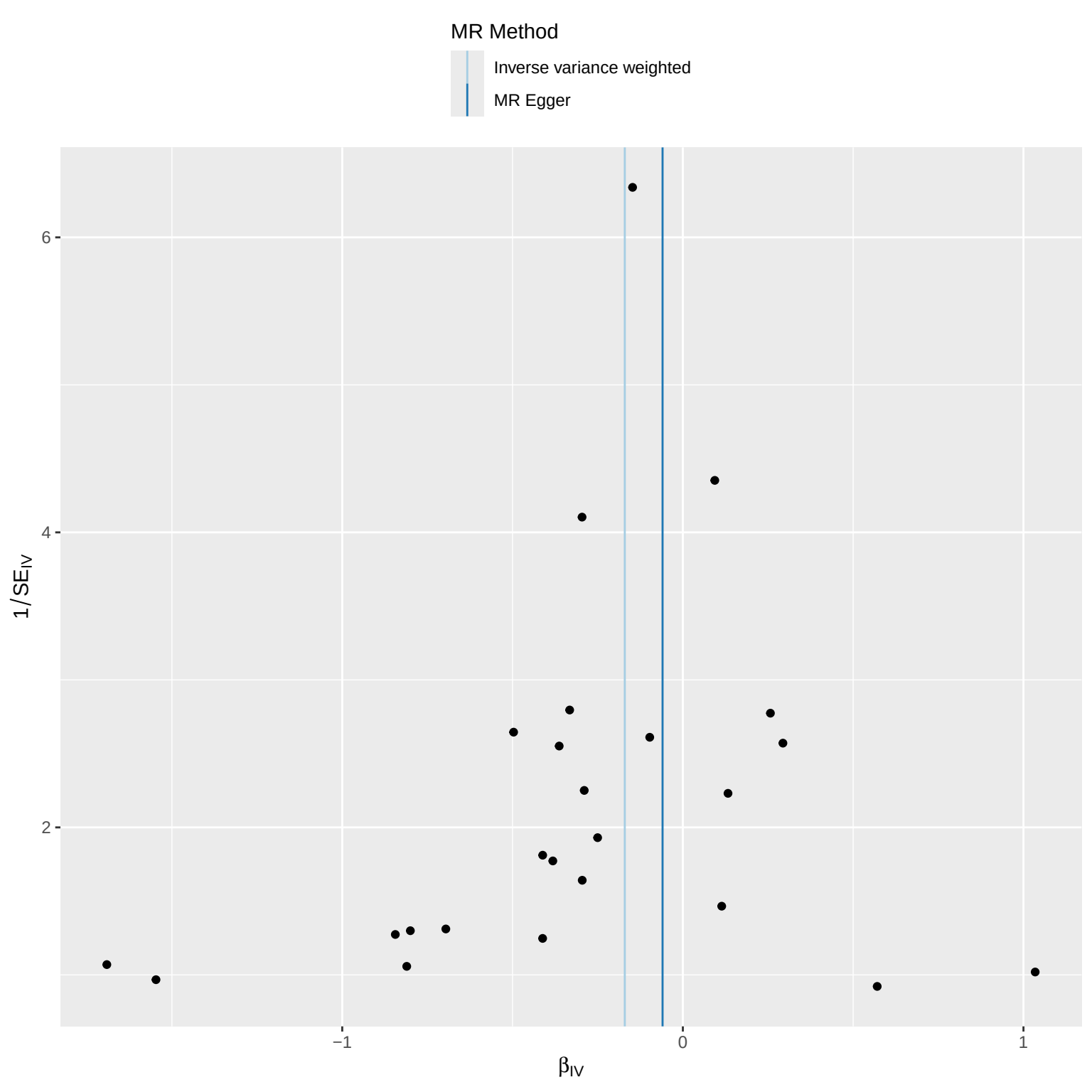

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

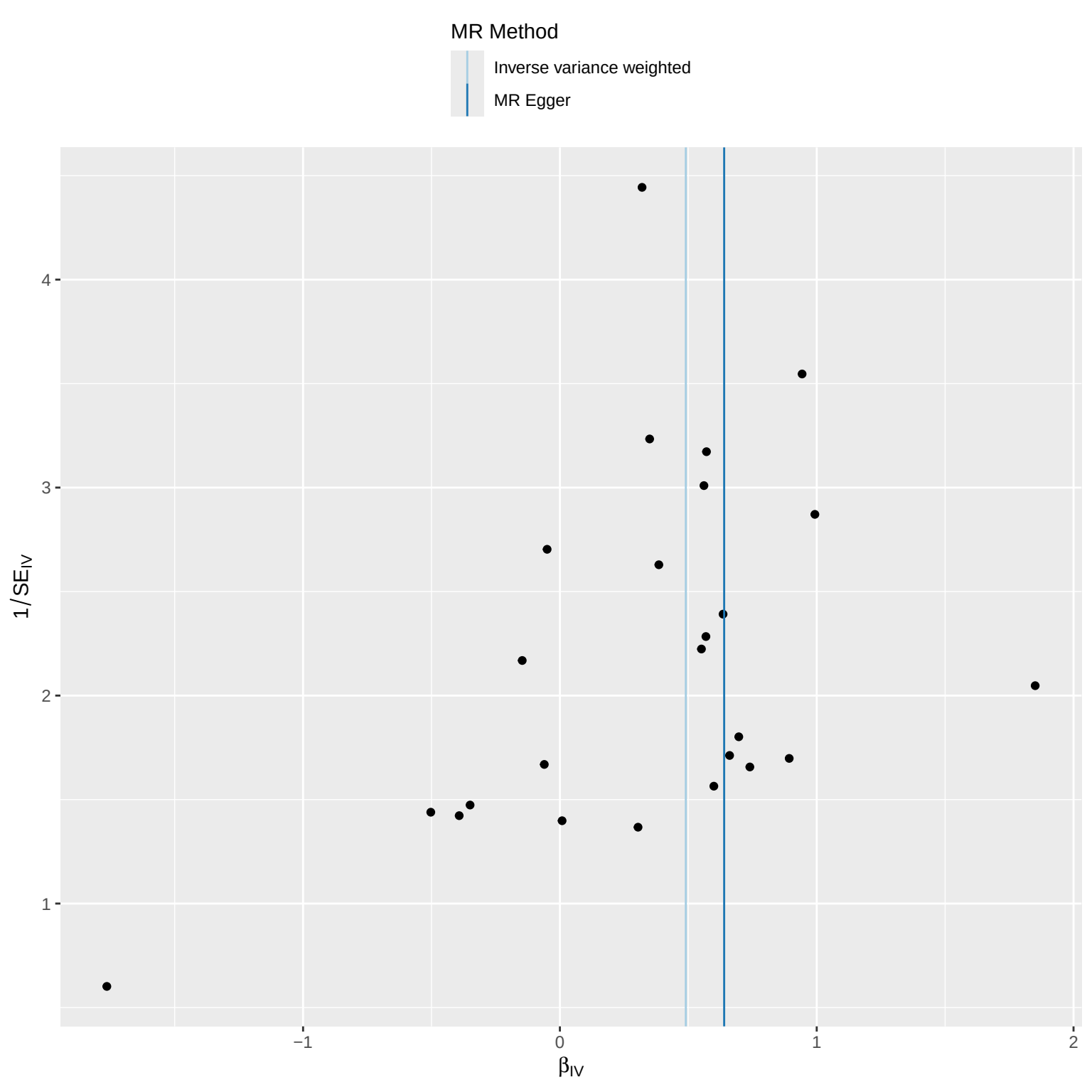

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

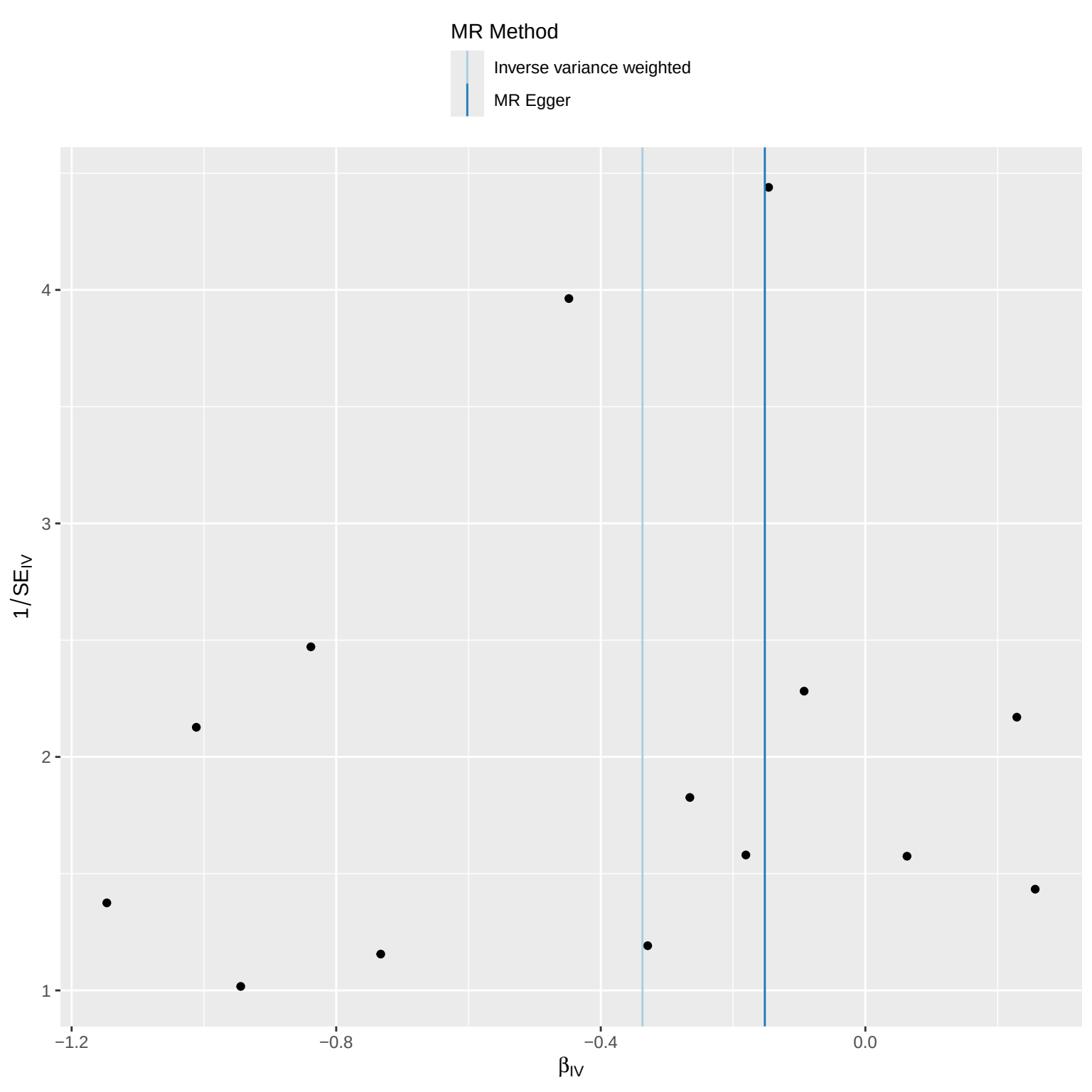

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

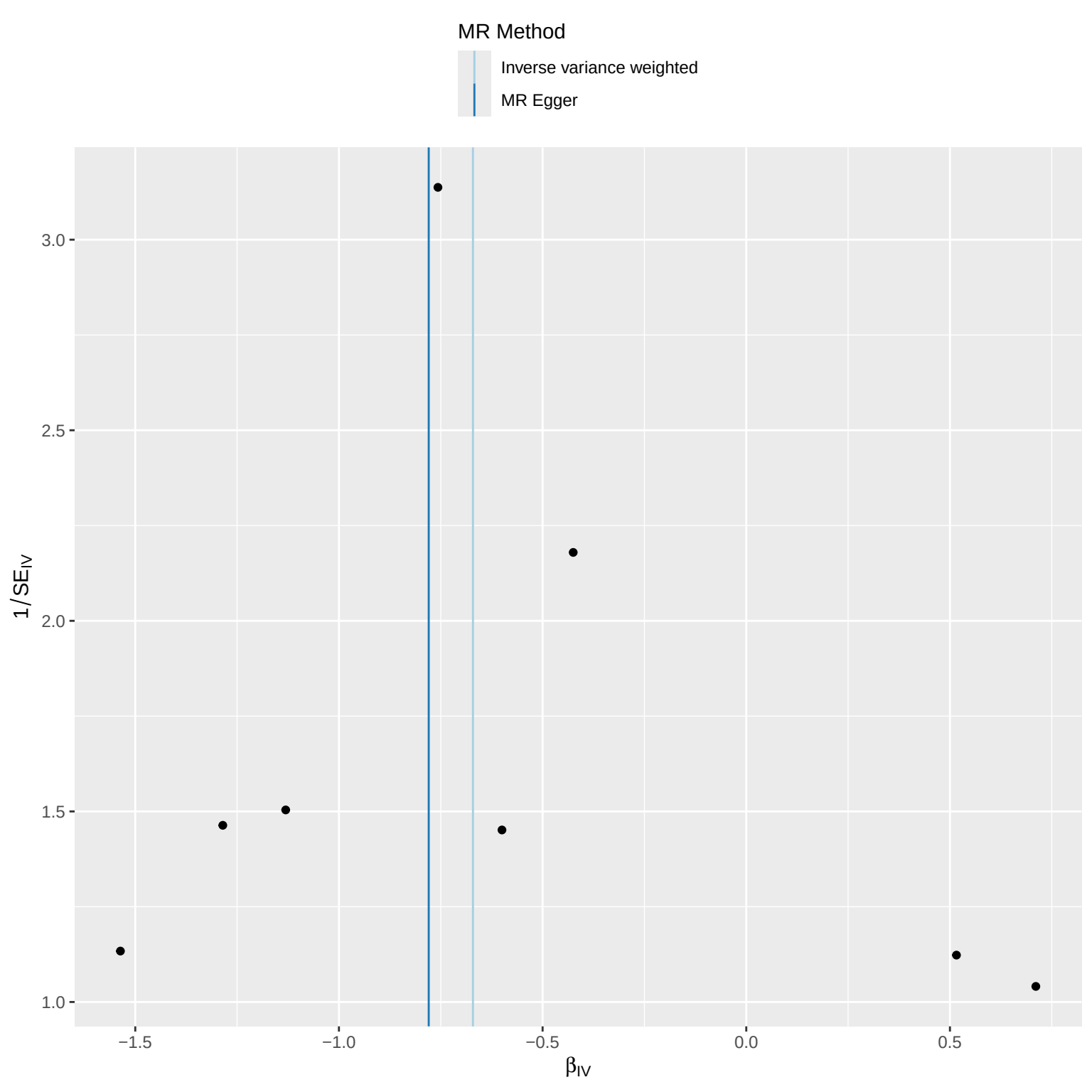

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

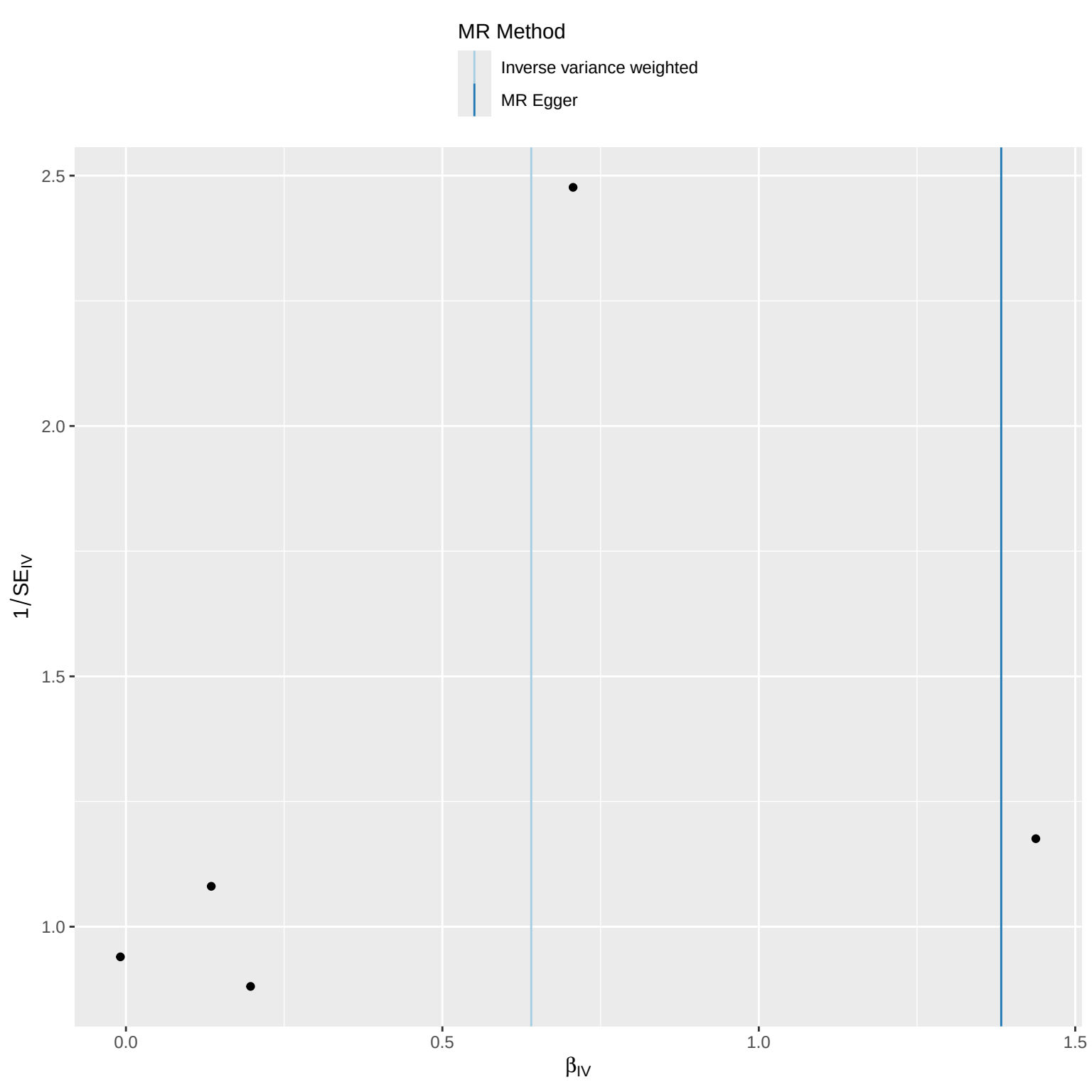

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

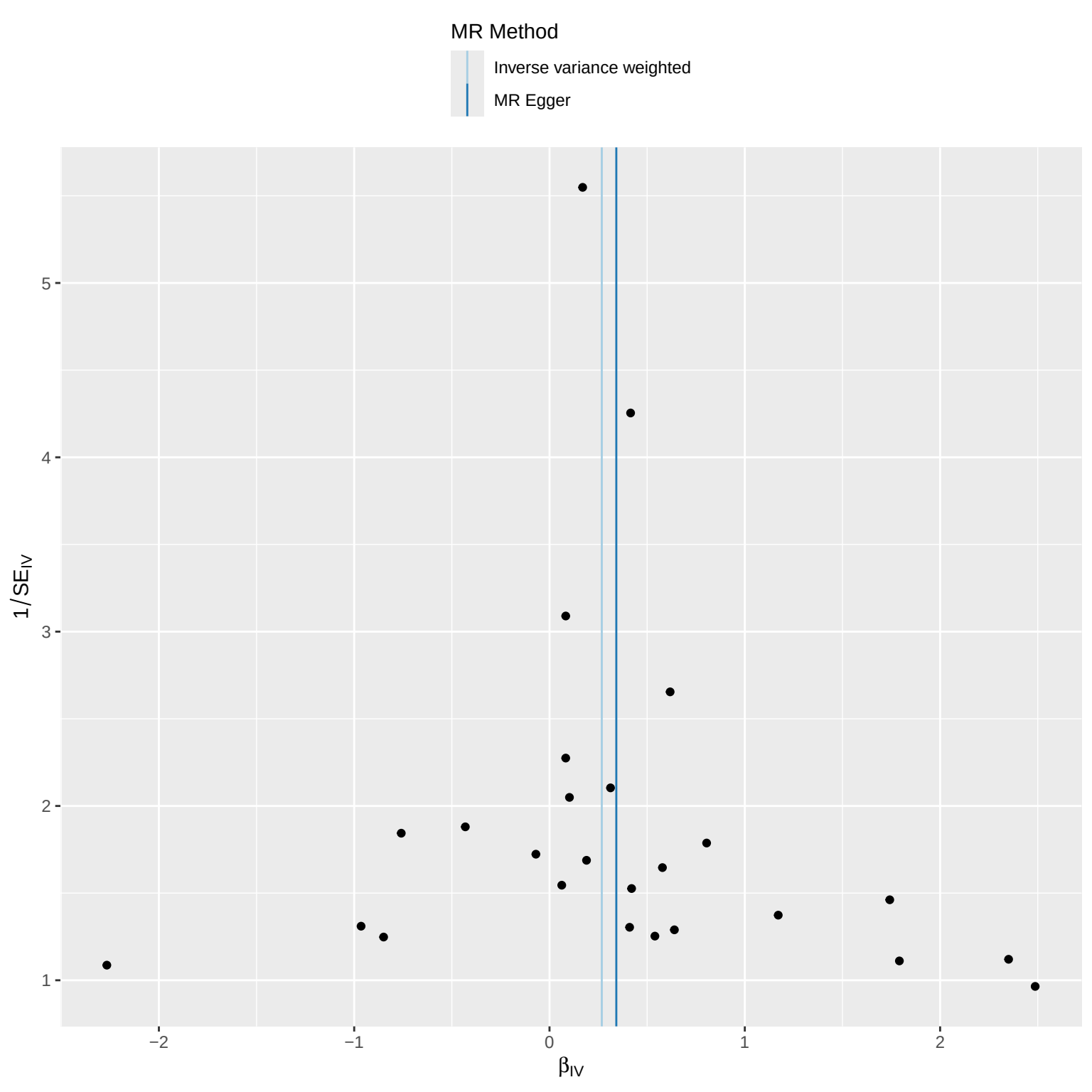

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

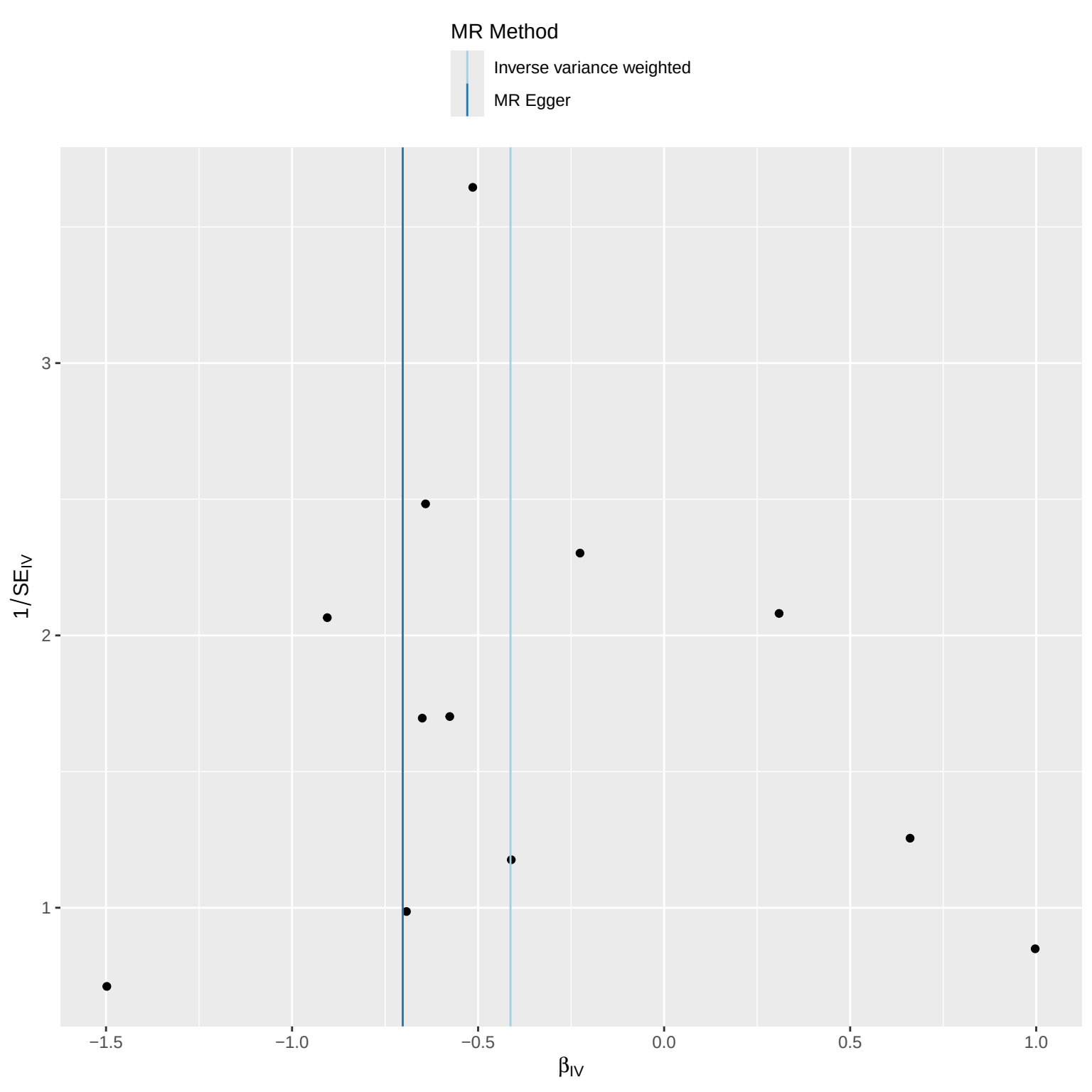

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

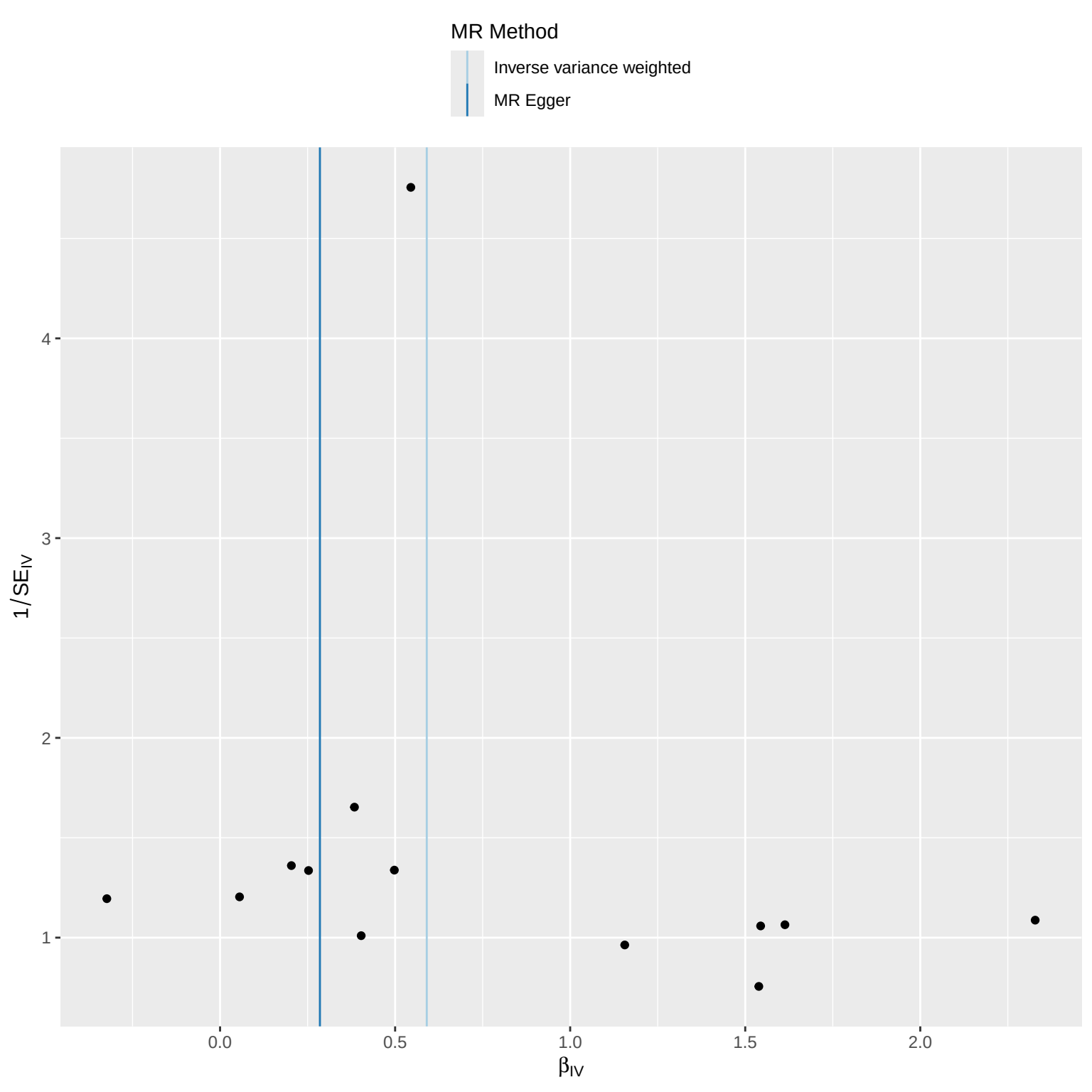

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

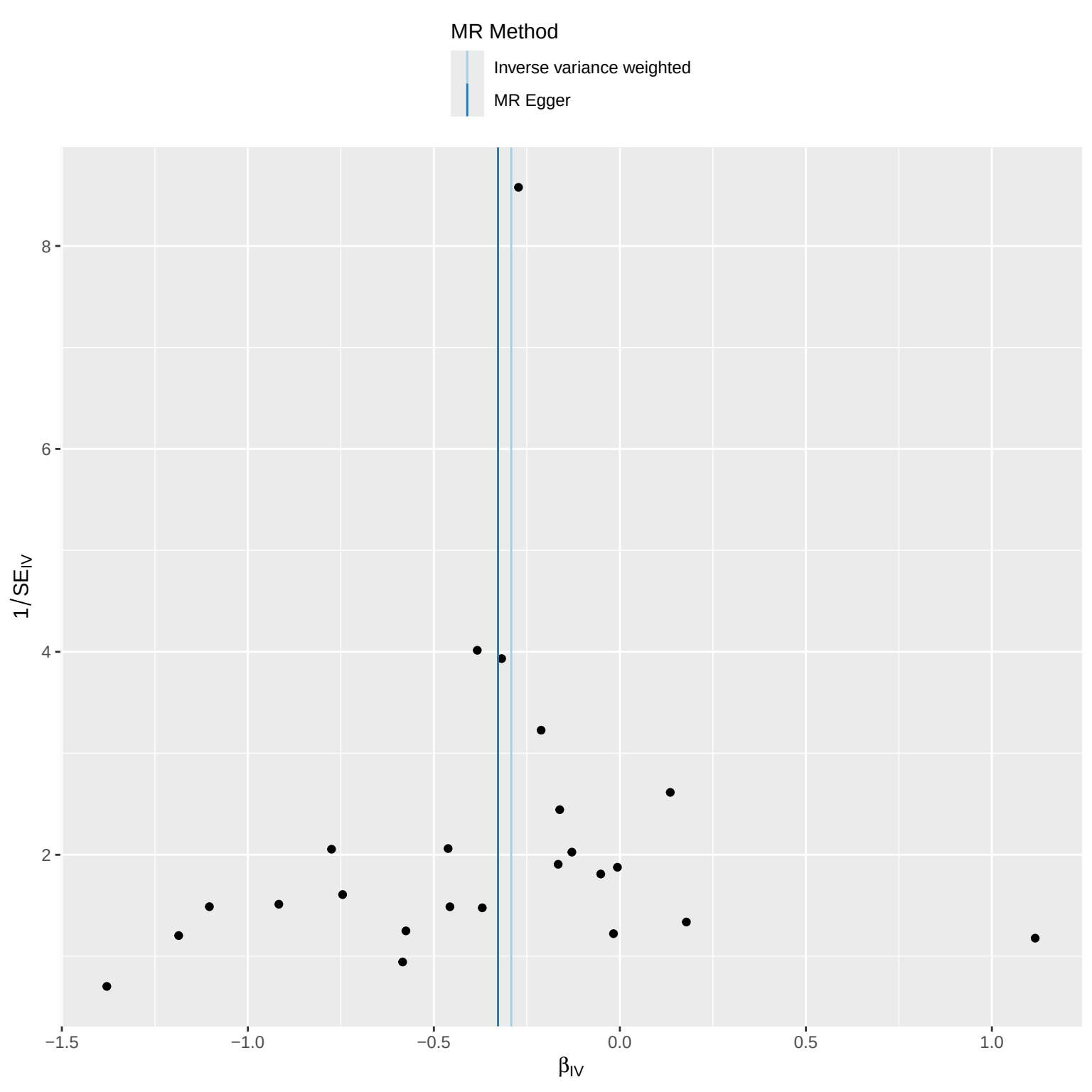

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

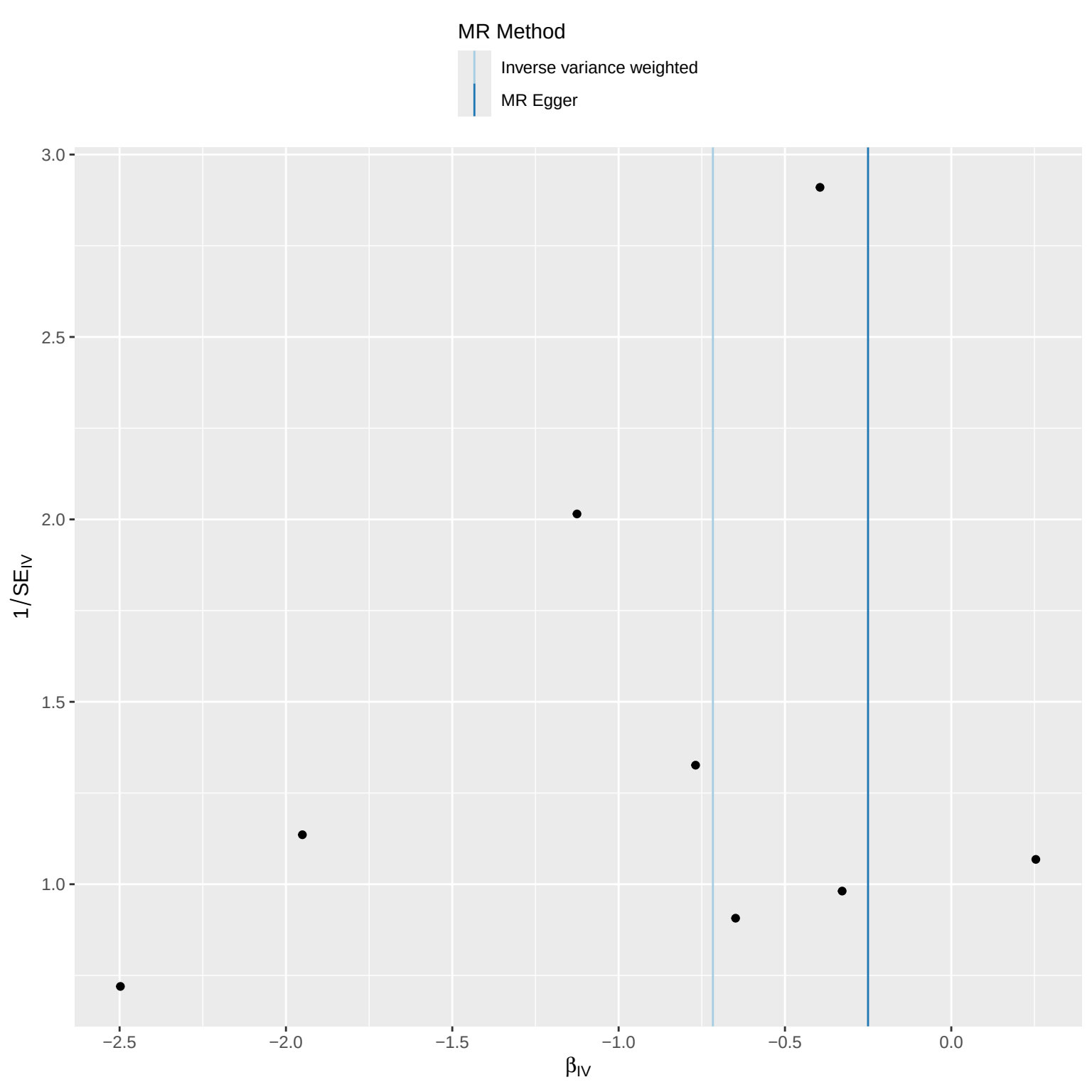

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

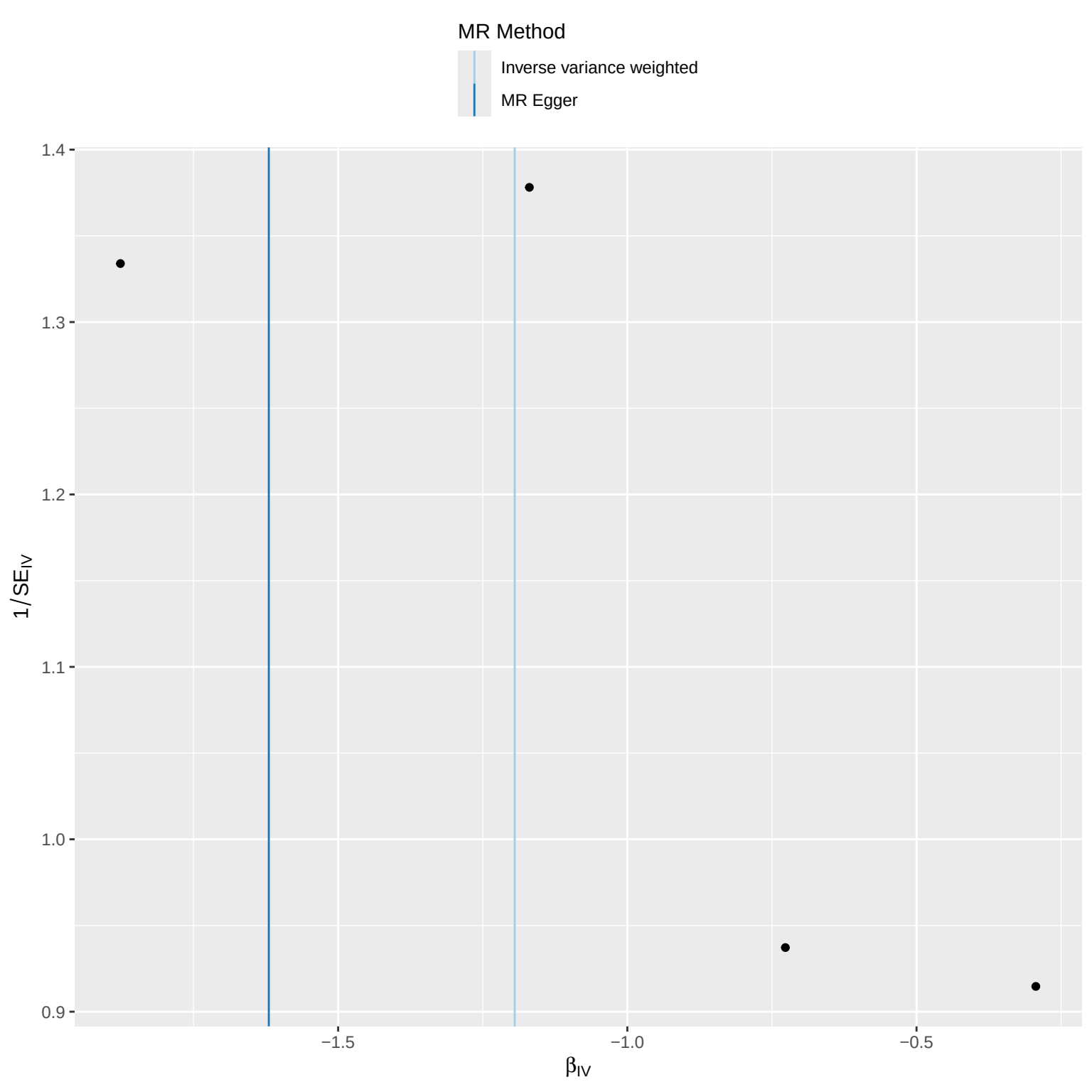

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

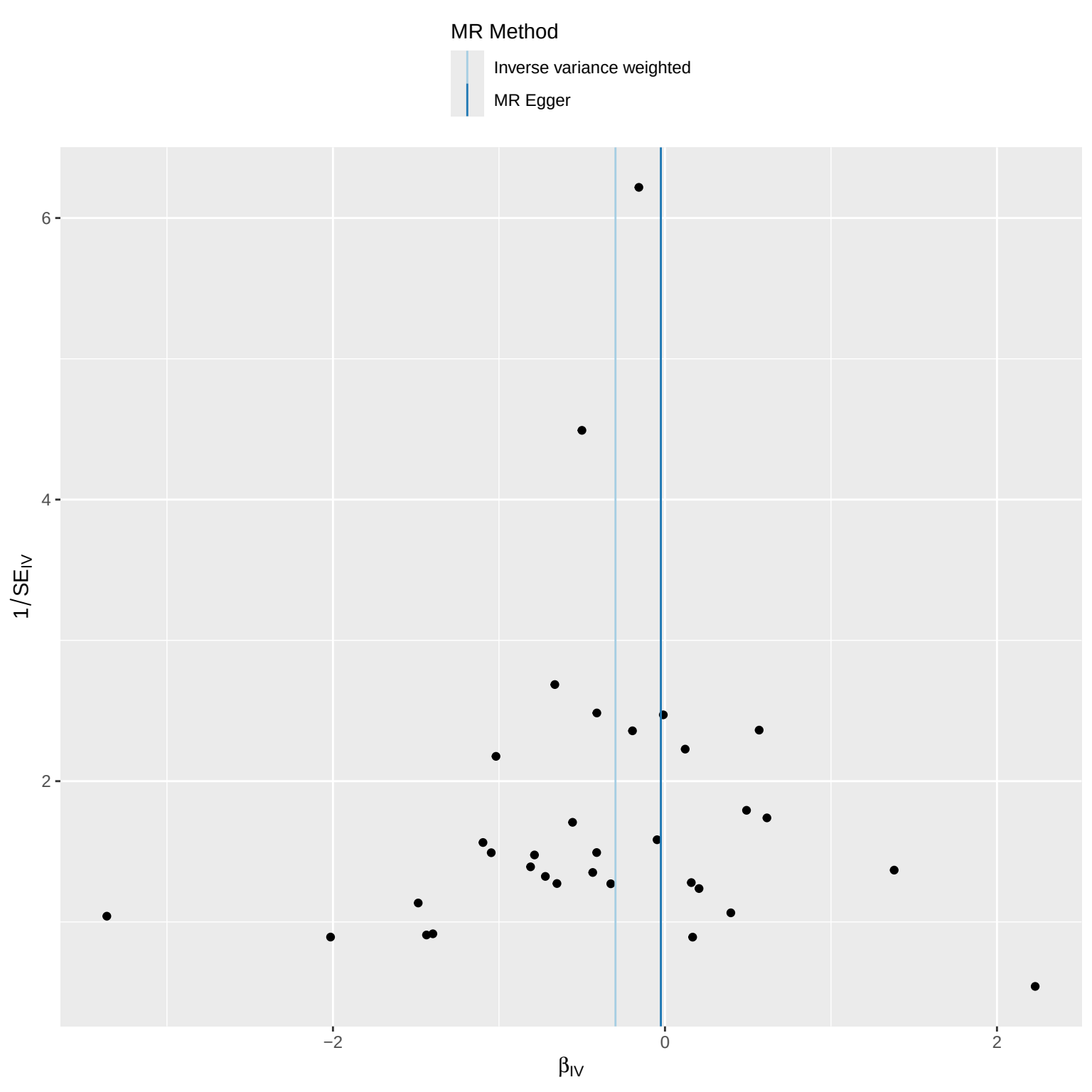

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

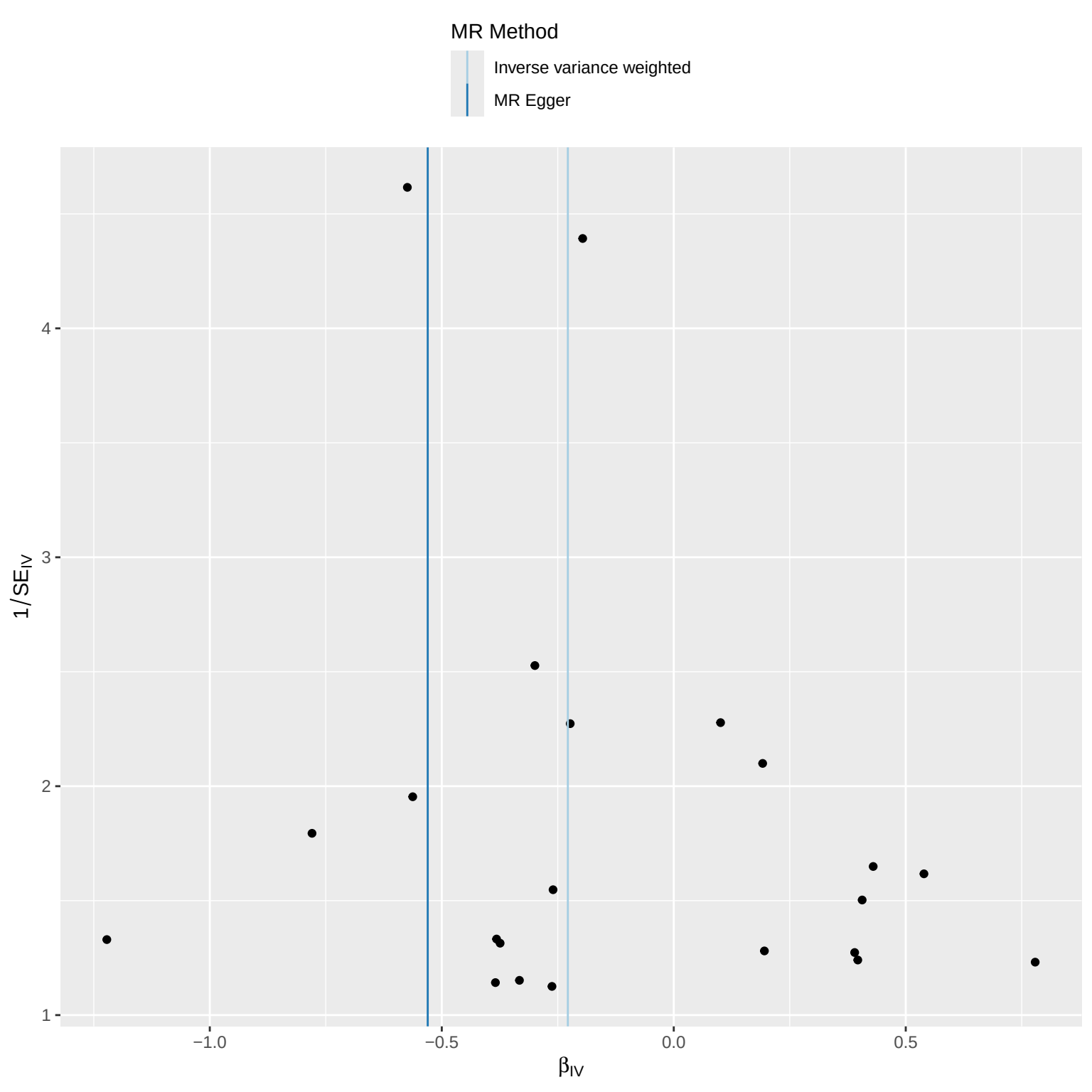

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
0.0
0.5
1.0
1.5
2.0
β_IV

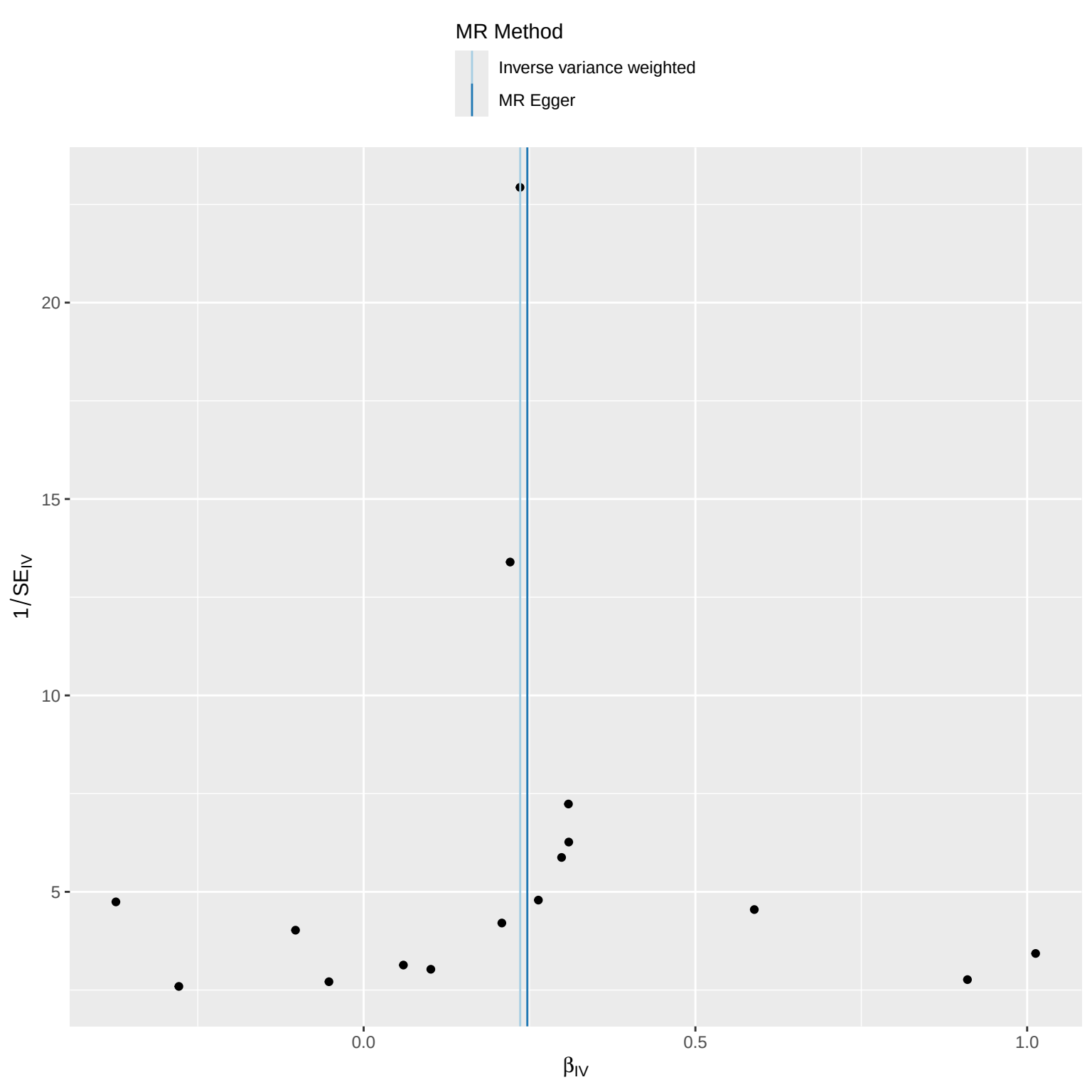

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

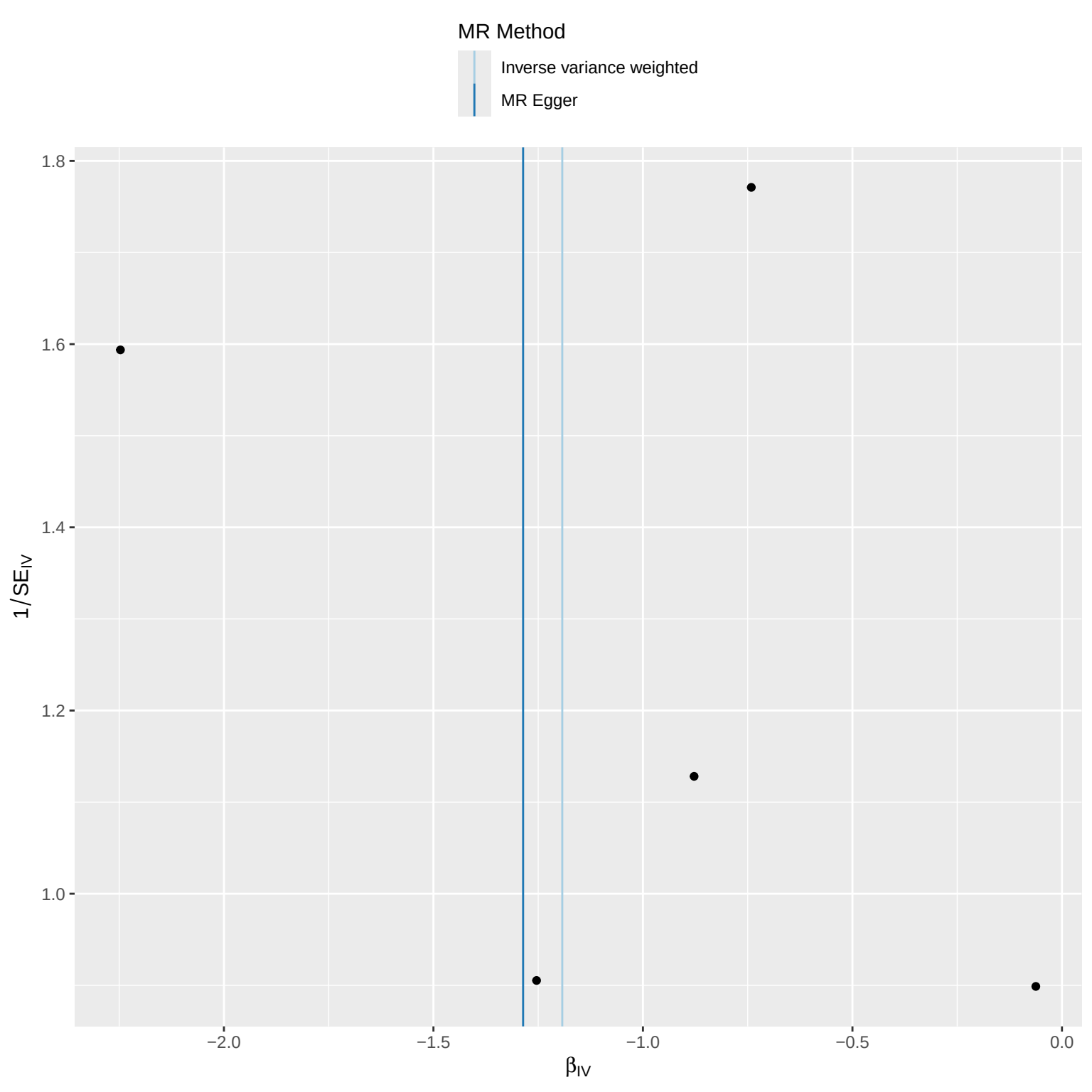

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

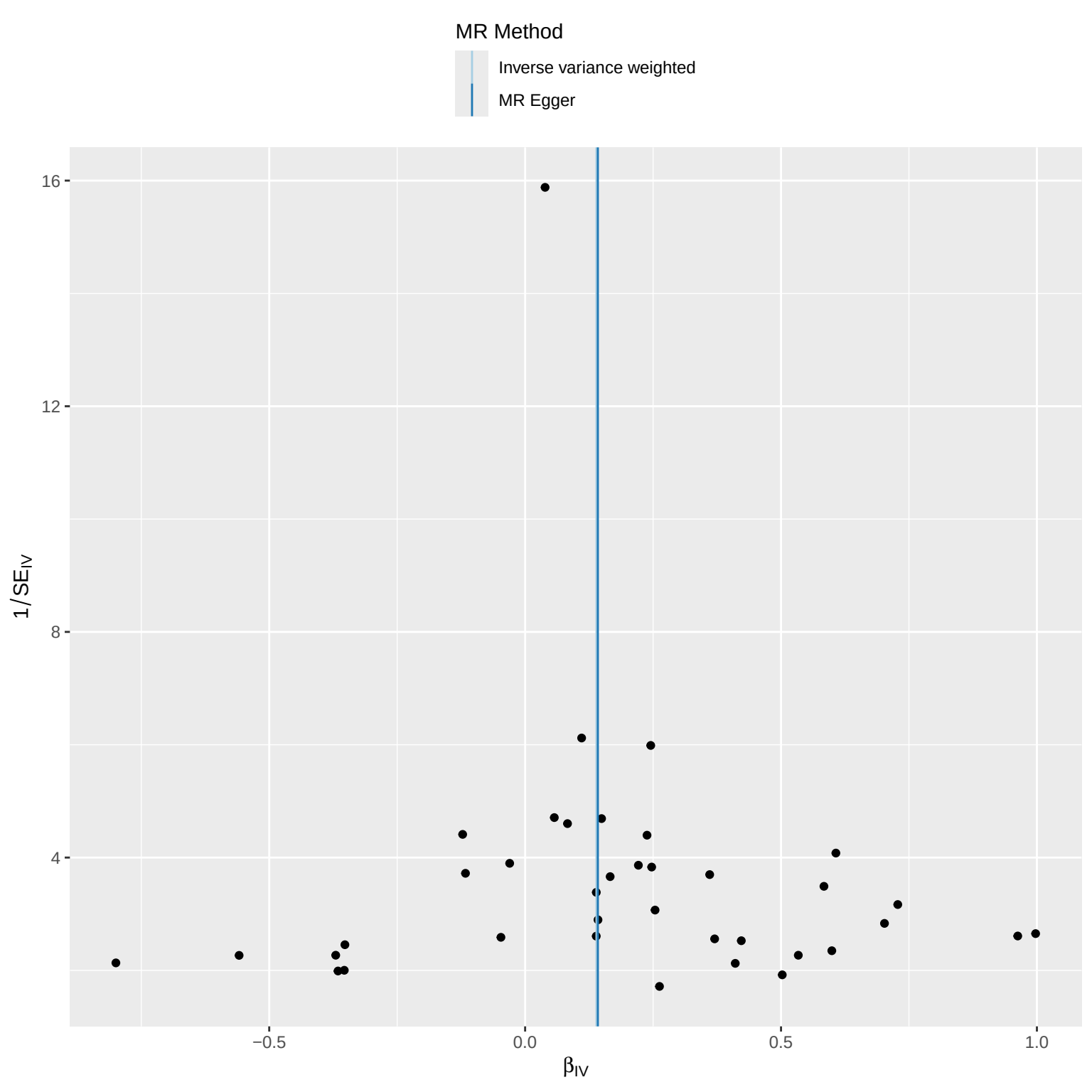

MR Method
Inverse variance weighted
MR Egger
1.4
1.3
1.2
1.1
1.0
0.9
1/SE_IV
−1.5
−1.0
−0.5
β_IV

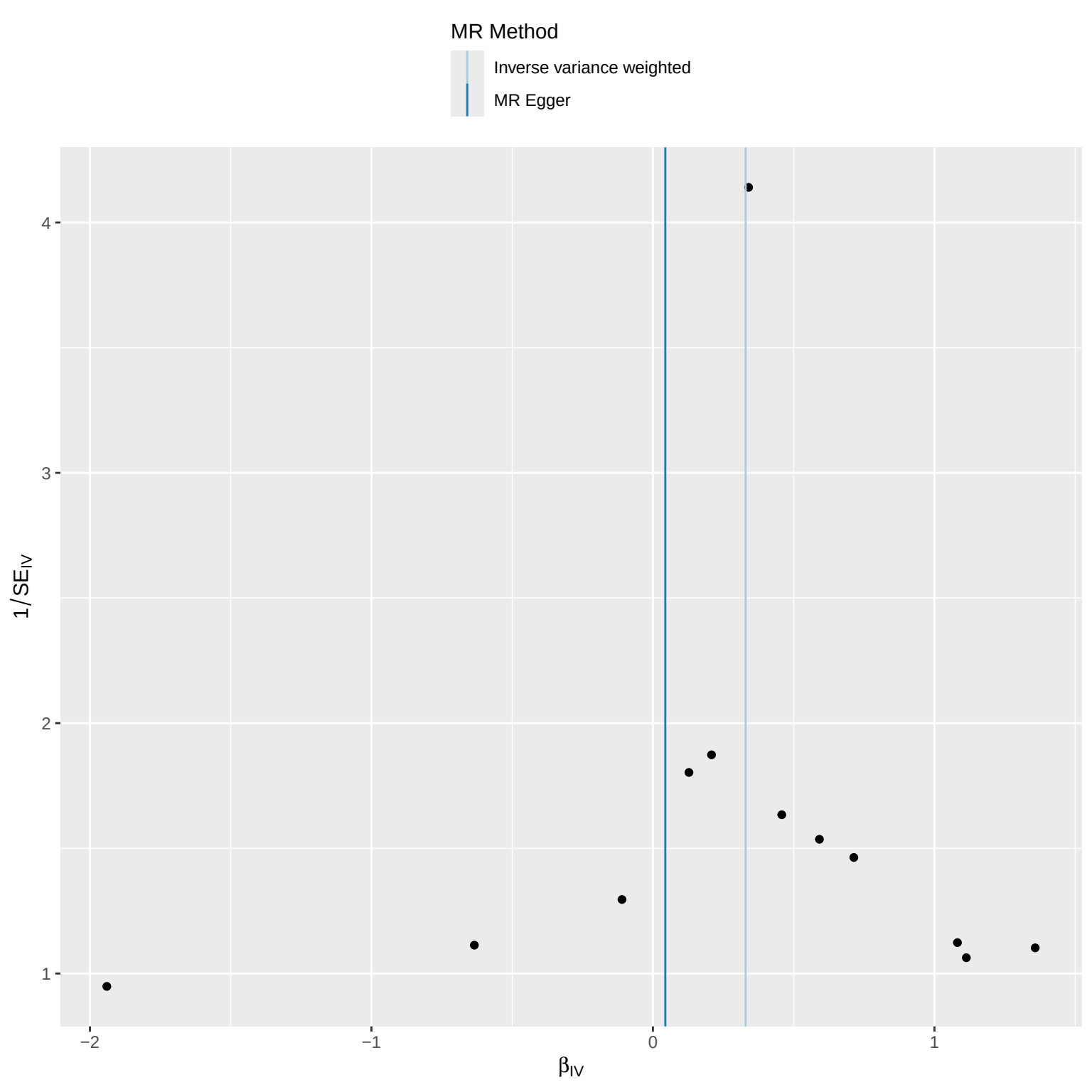

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

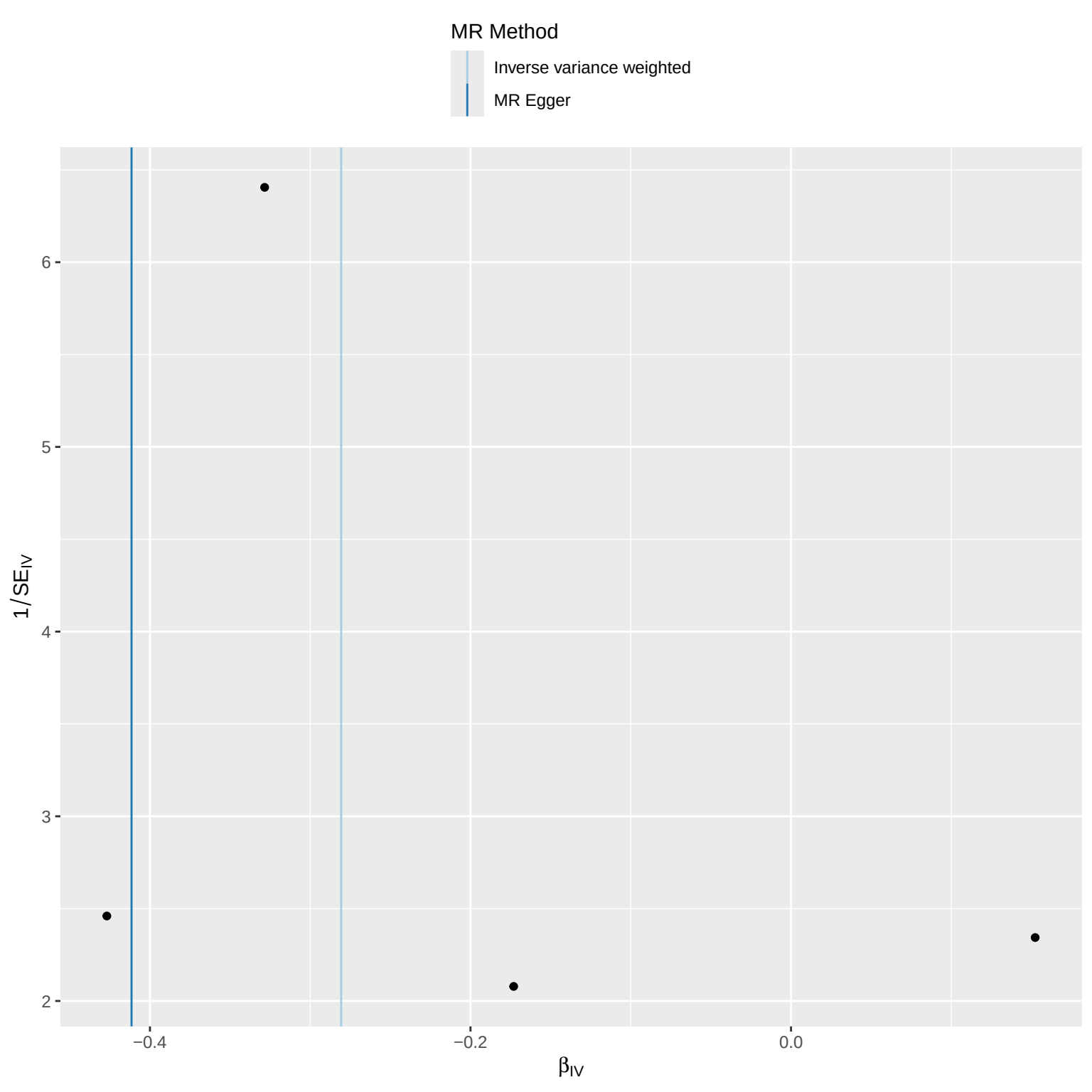

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

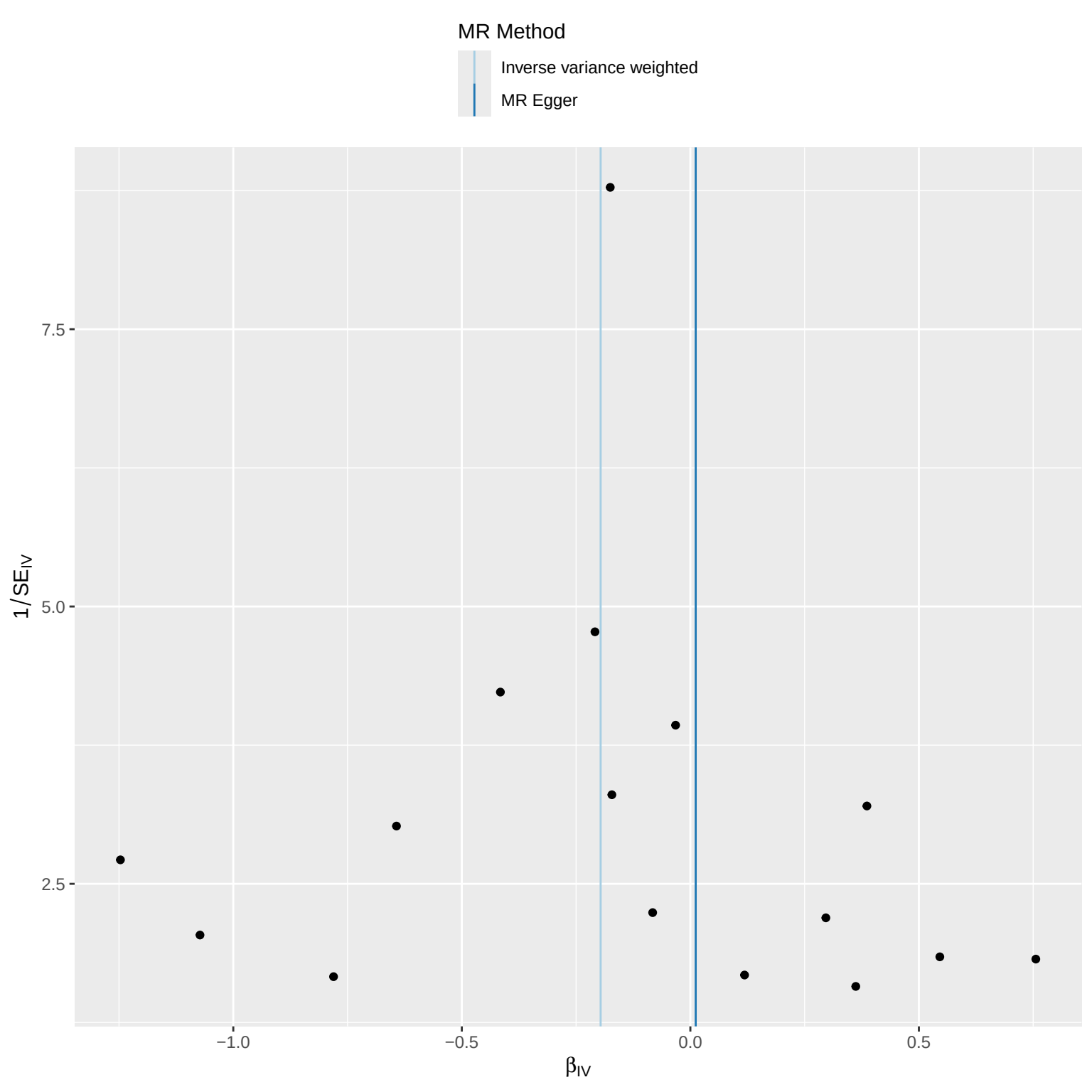

MR Method
Inverse variance weighted
MR Egger
20
15
10
5
1/SE_IV
0.0
0.5
1.0
β_IV

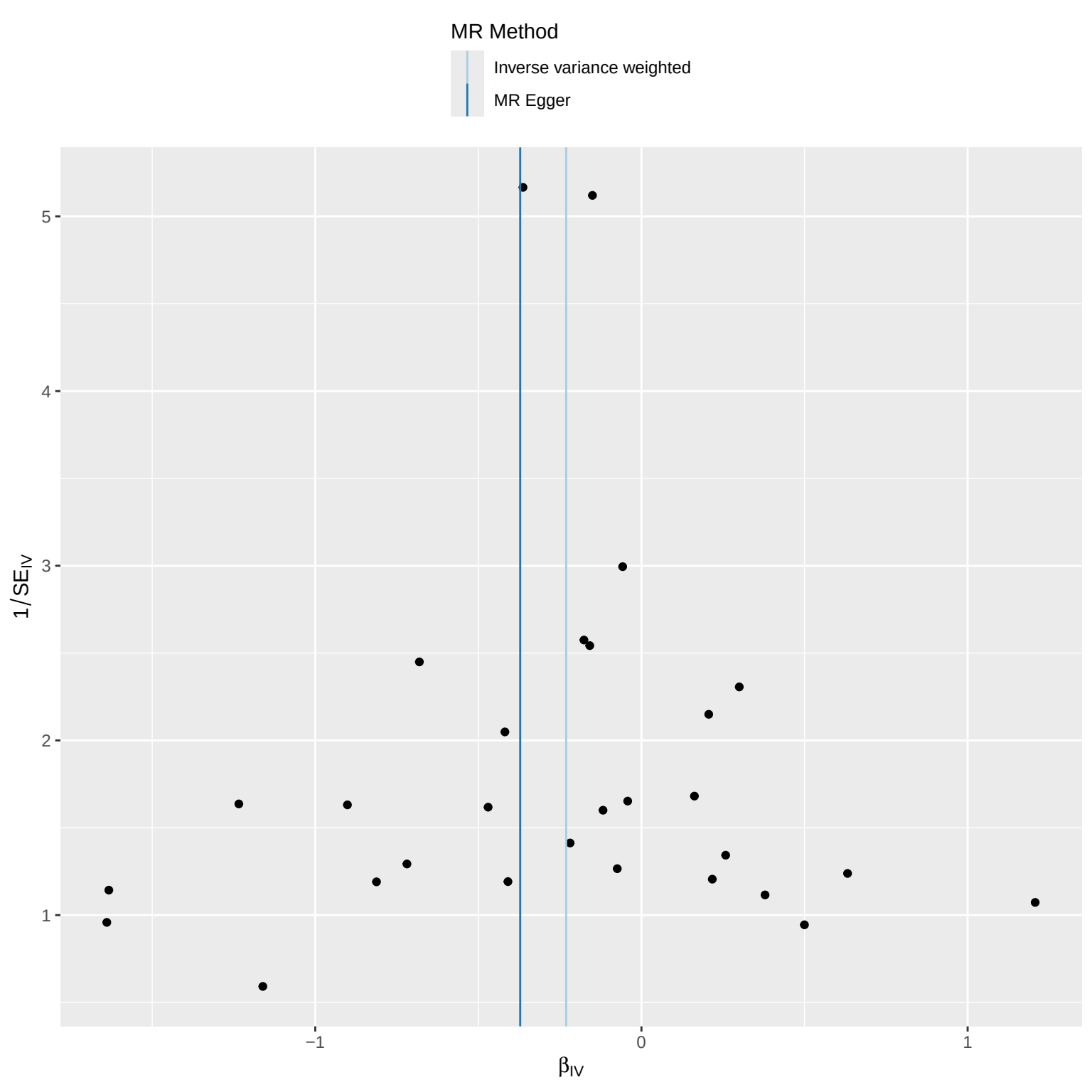

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

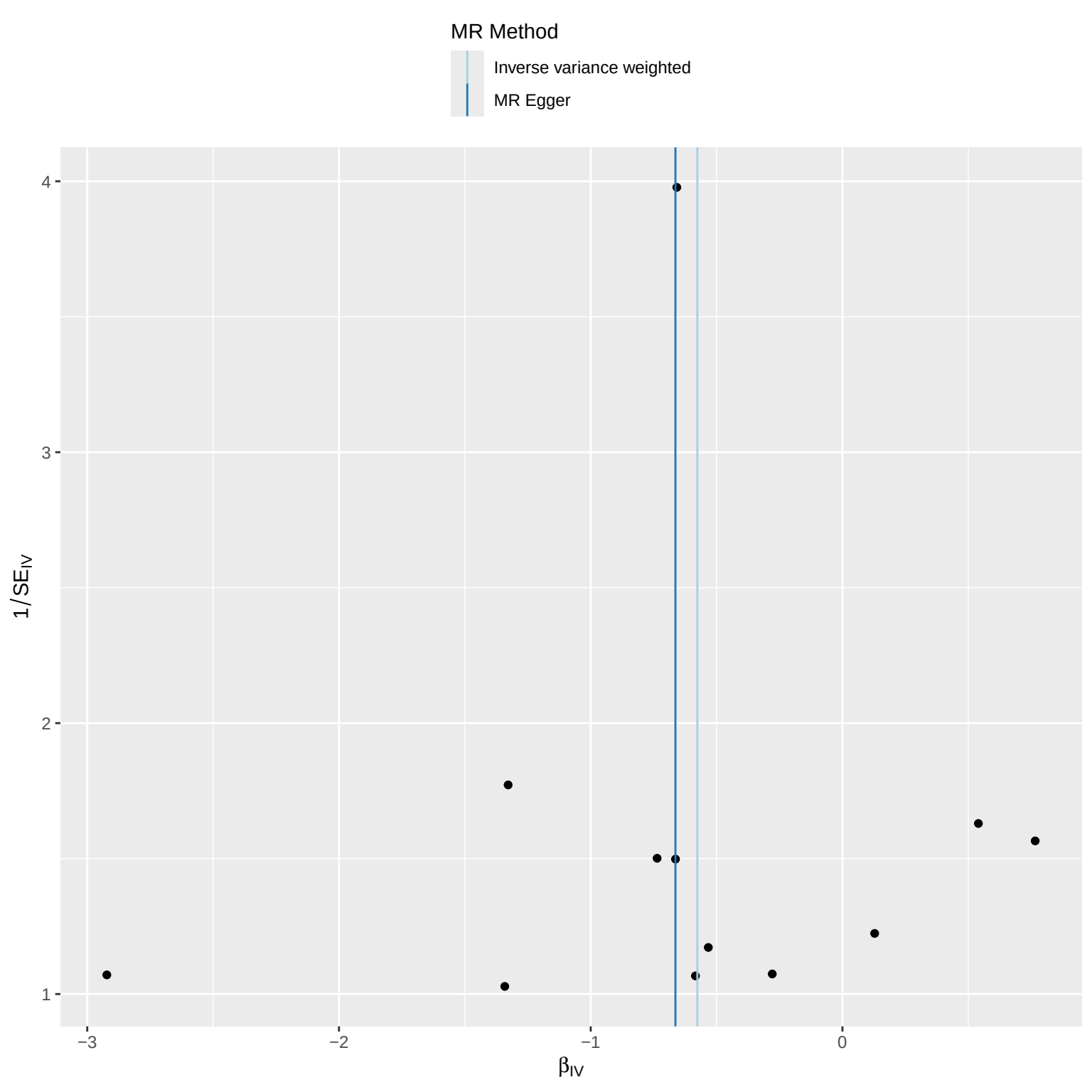

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

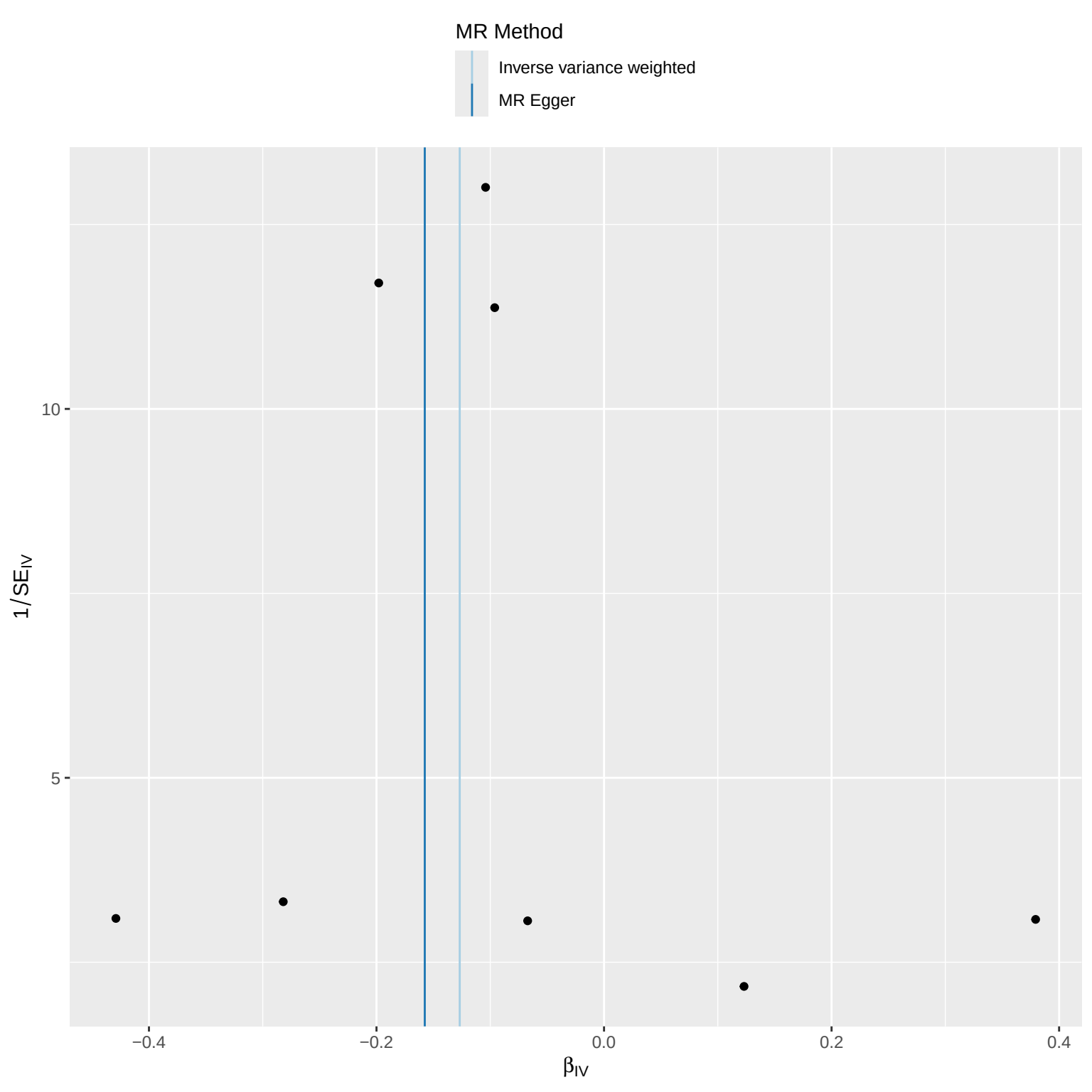

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

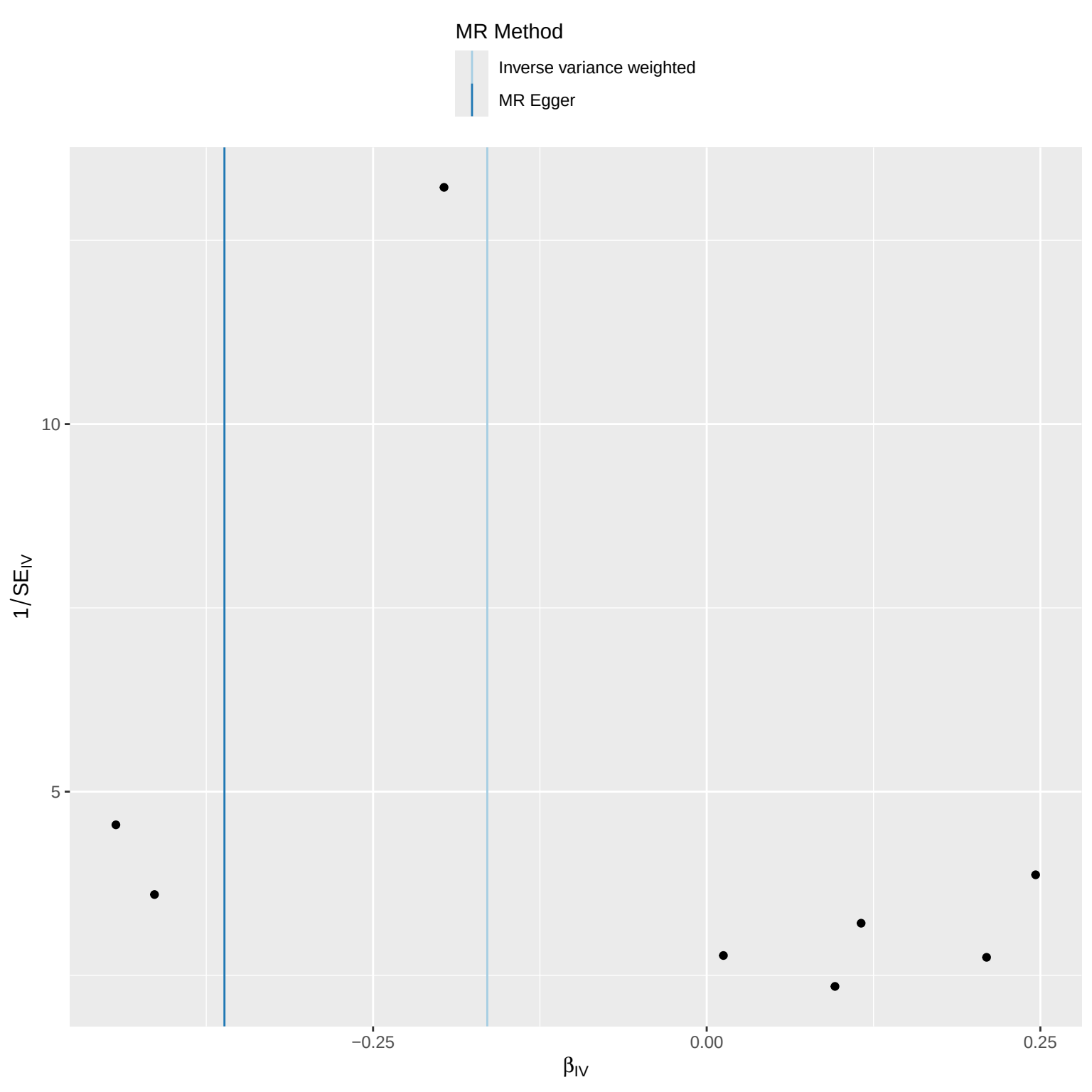

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.4
−0.2
0.0
β_IV

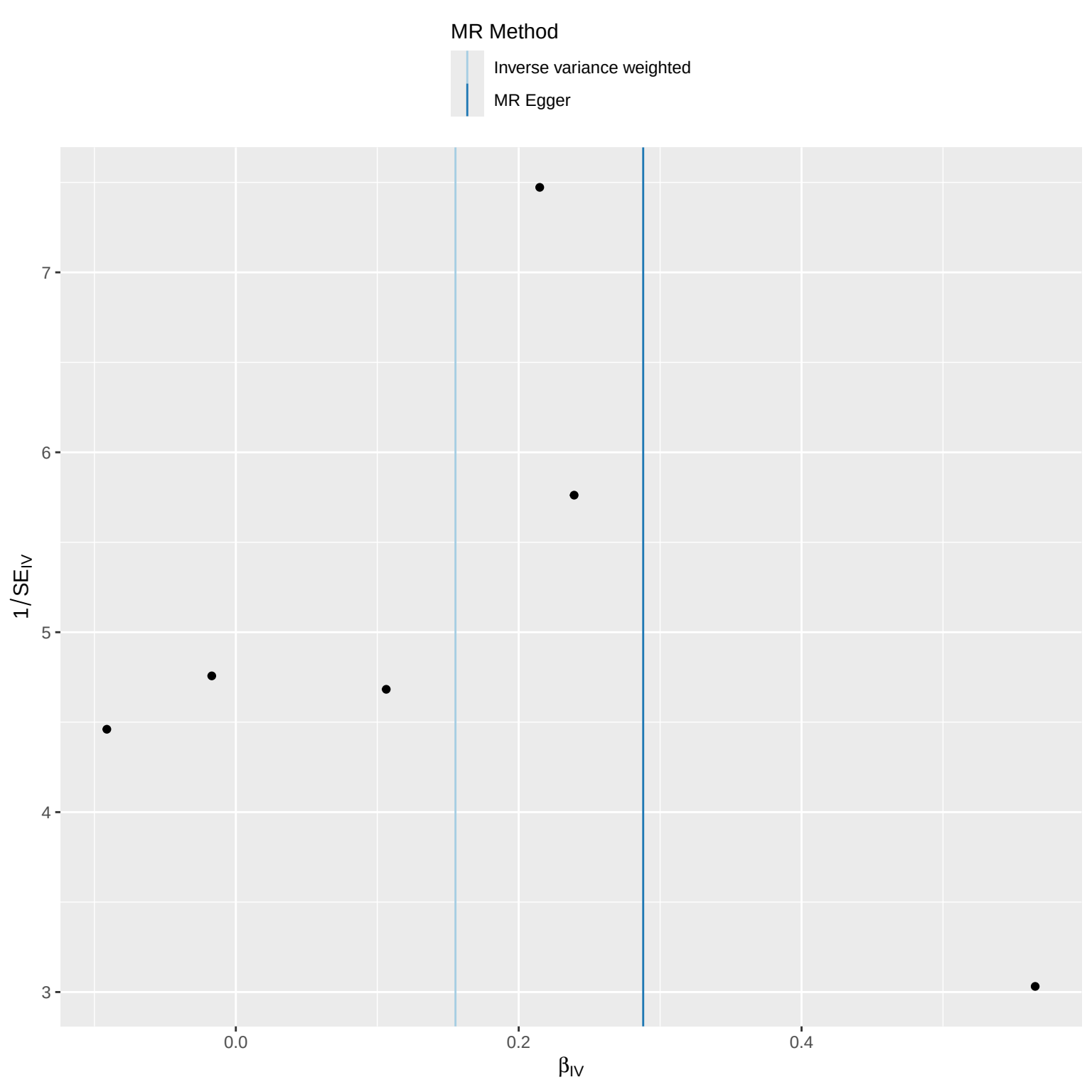

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

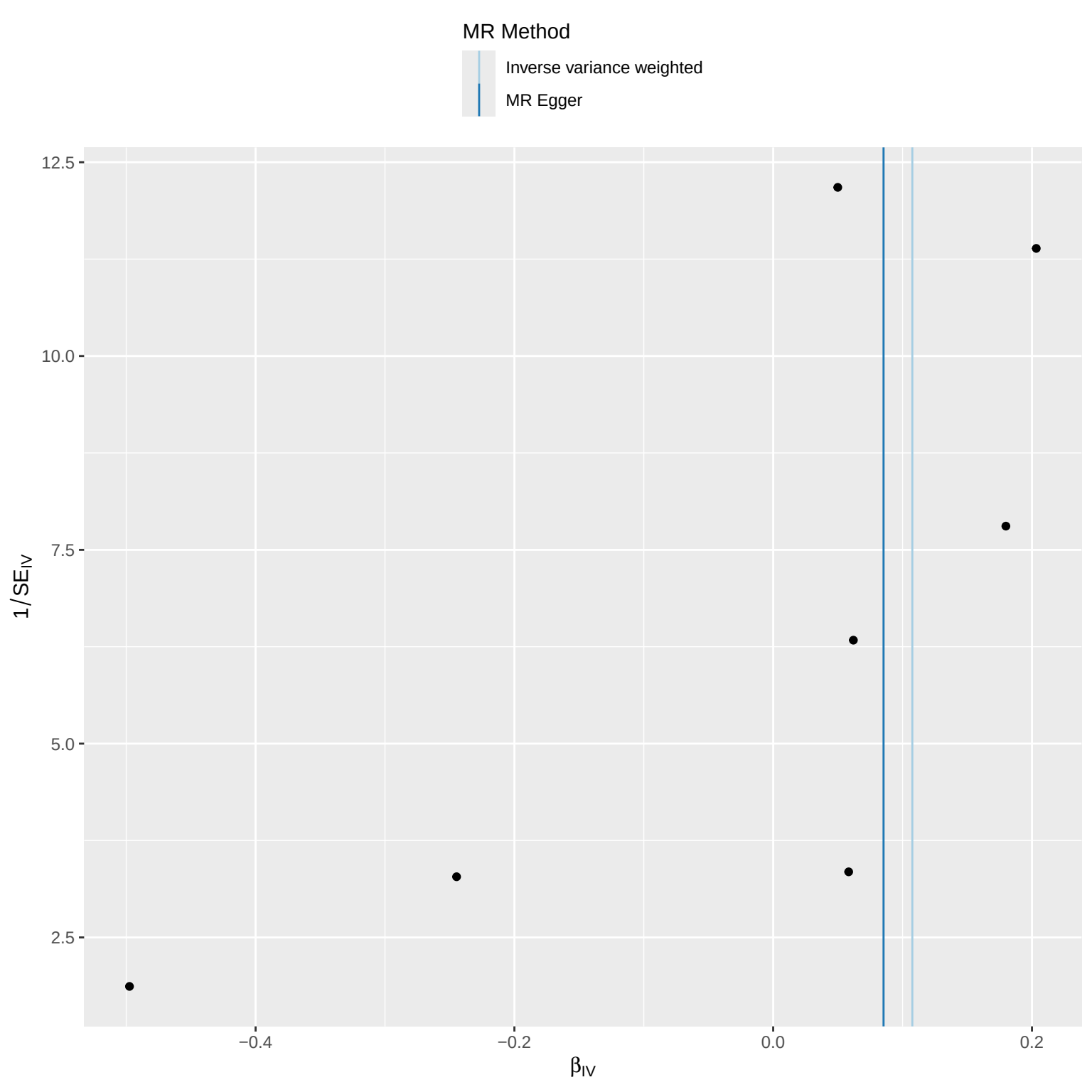

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

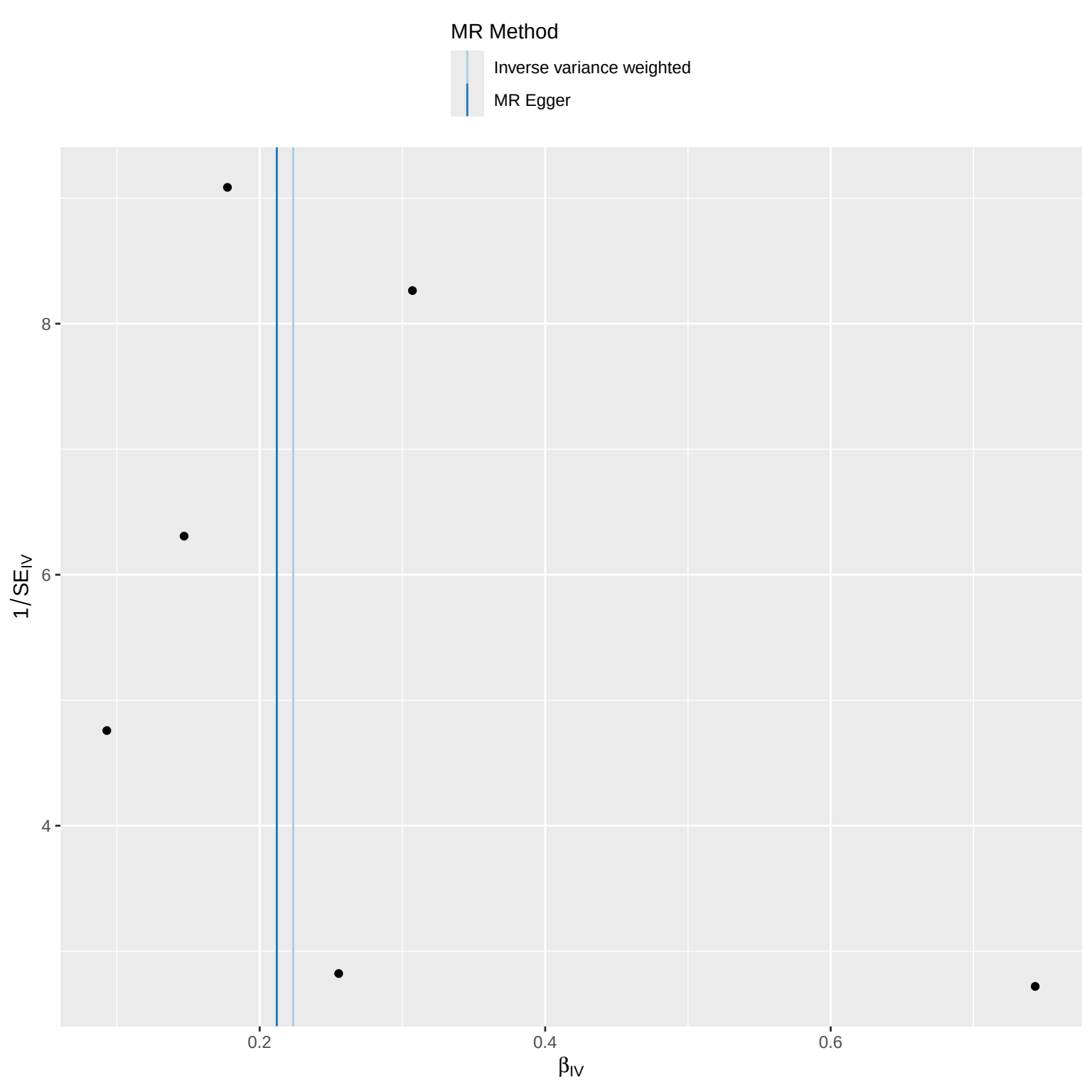

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

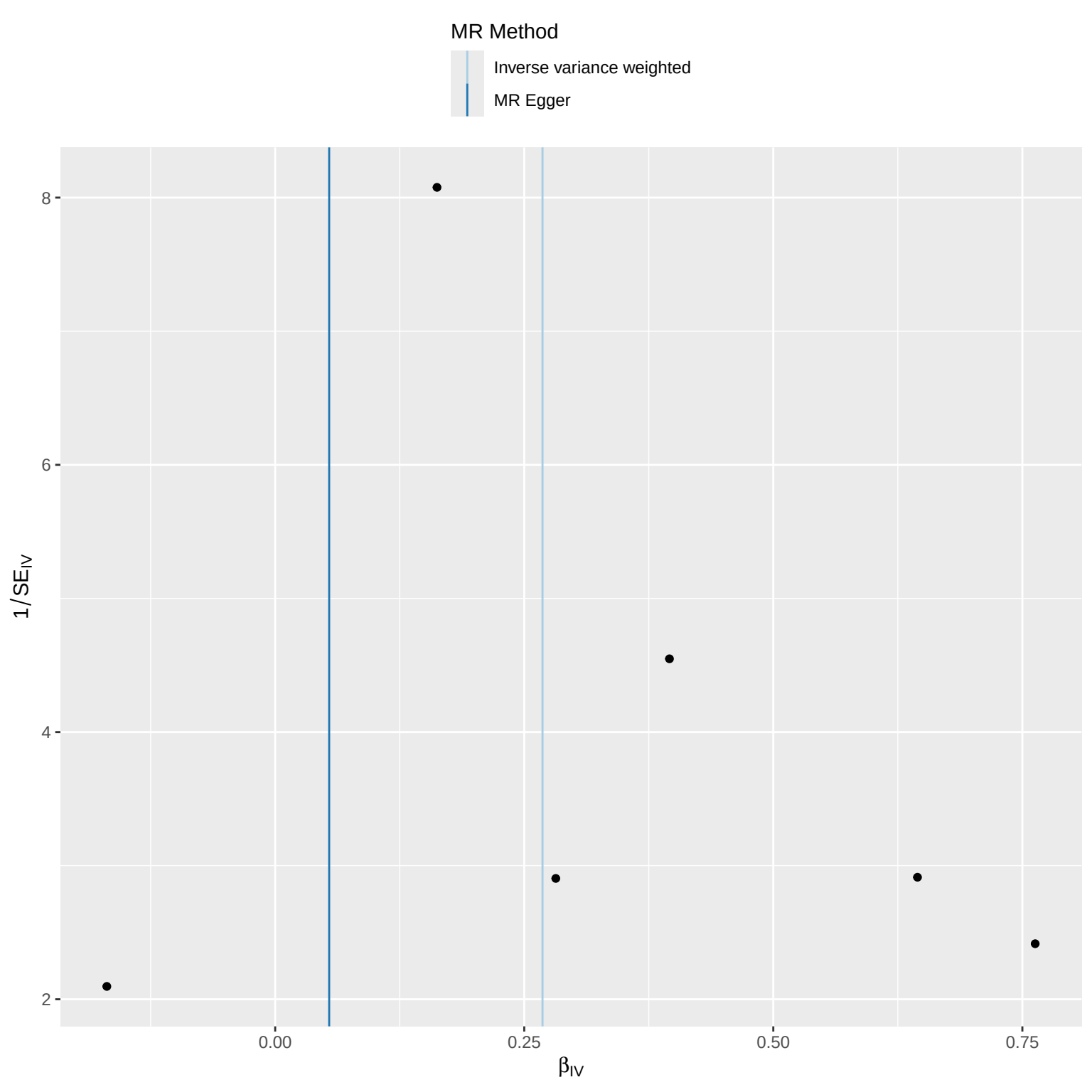

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.4
−0.2
0.0
0.2
0.4
β_IV

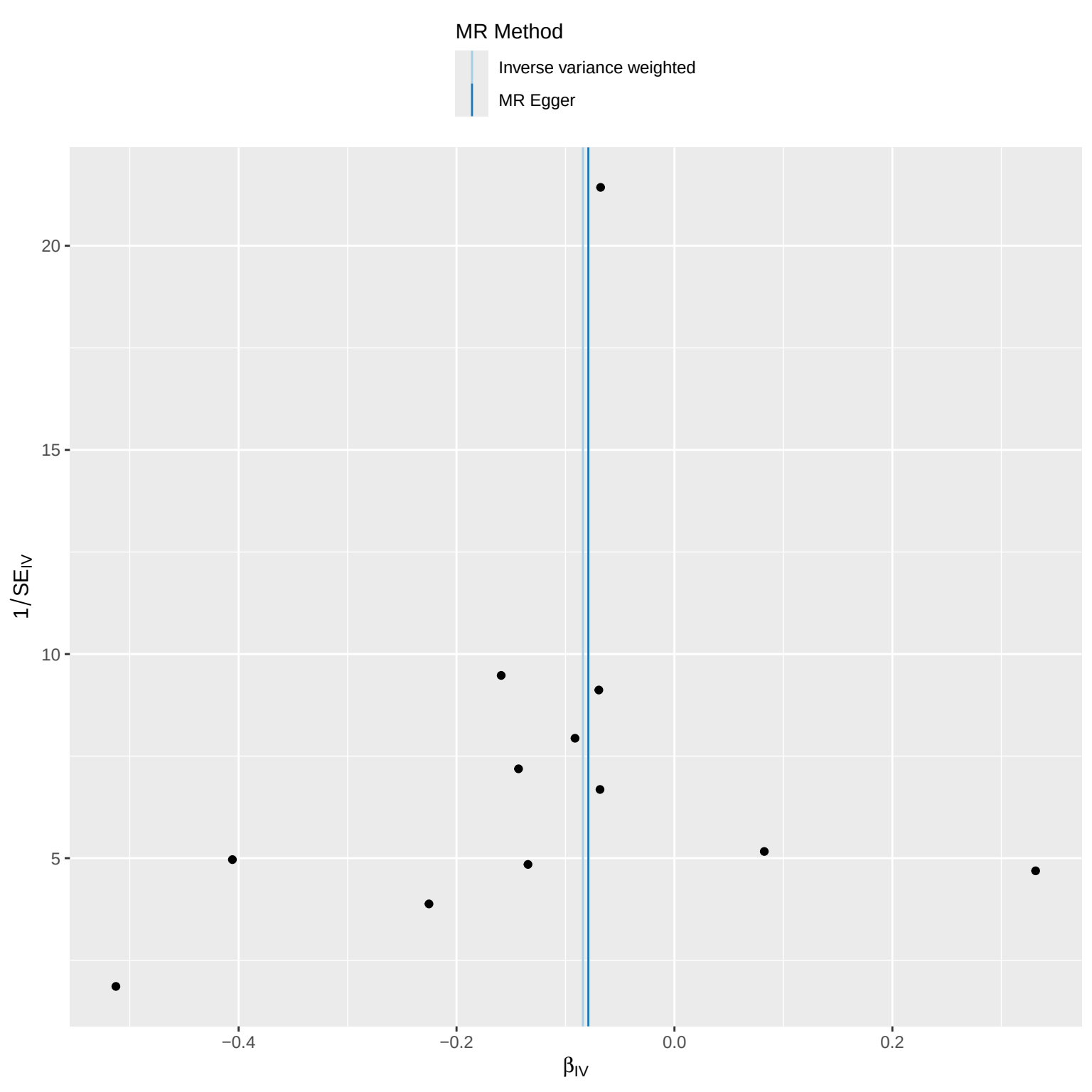

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.25
0.00
0.25
β_IV

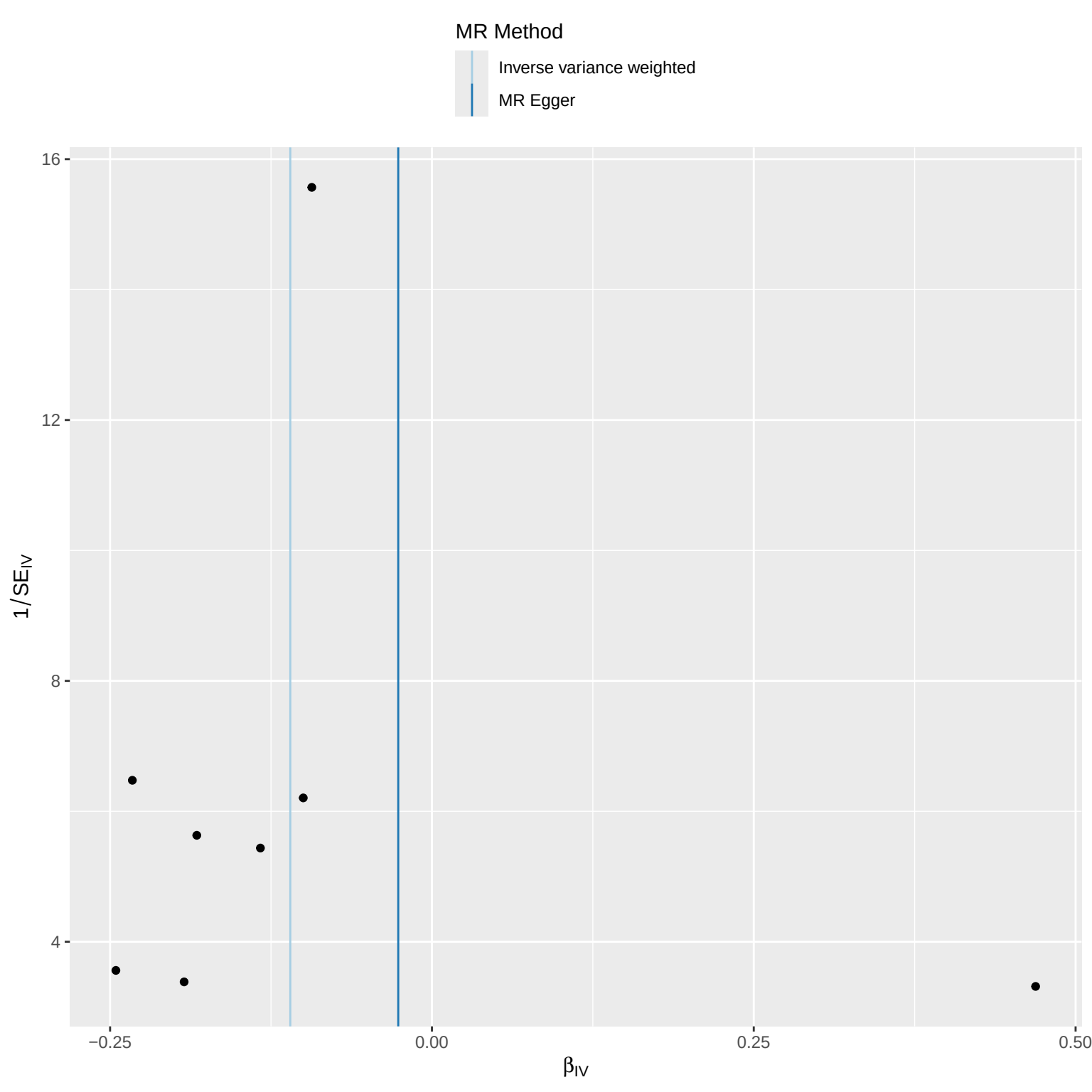

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
0.0
0.2
0.4
β_IV

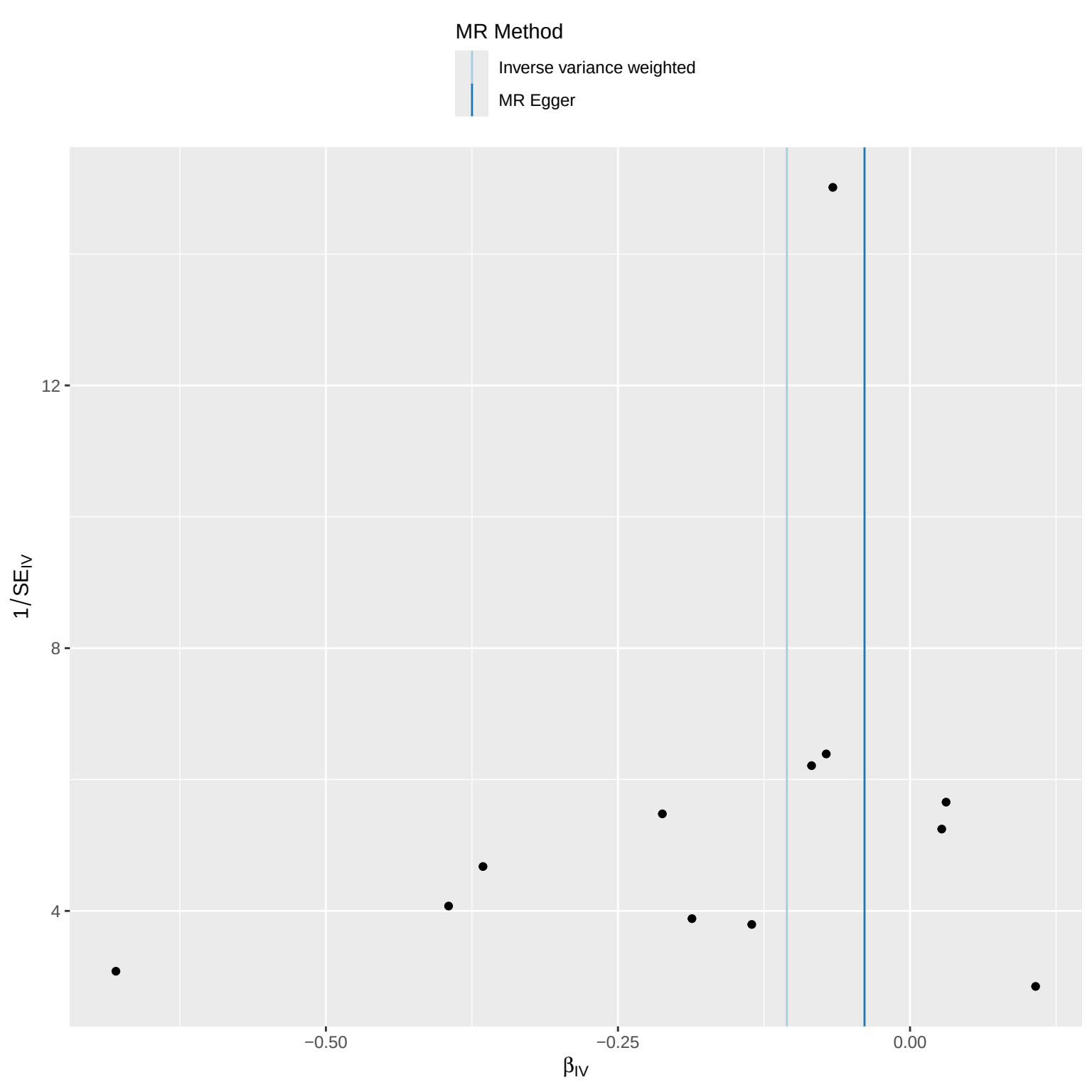

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.4
−0.2
0.0
0.2
β_IV

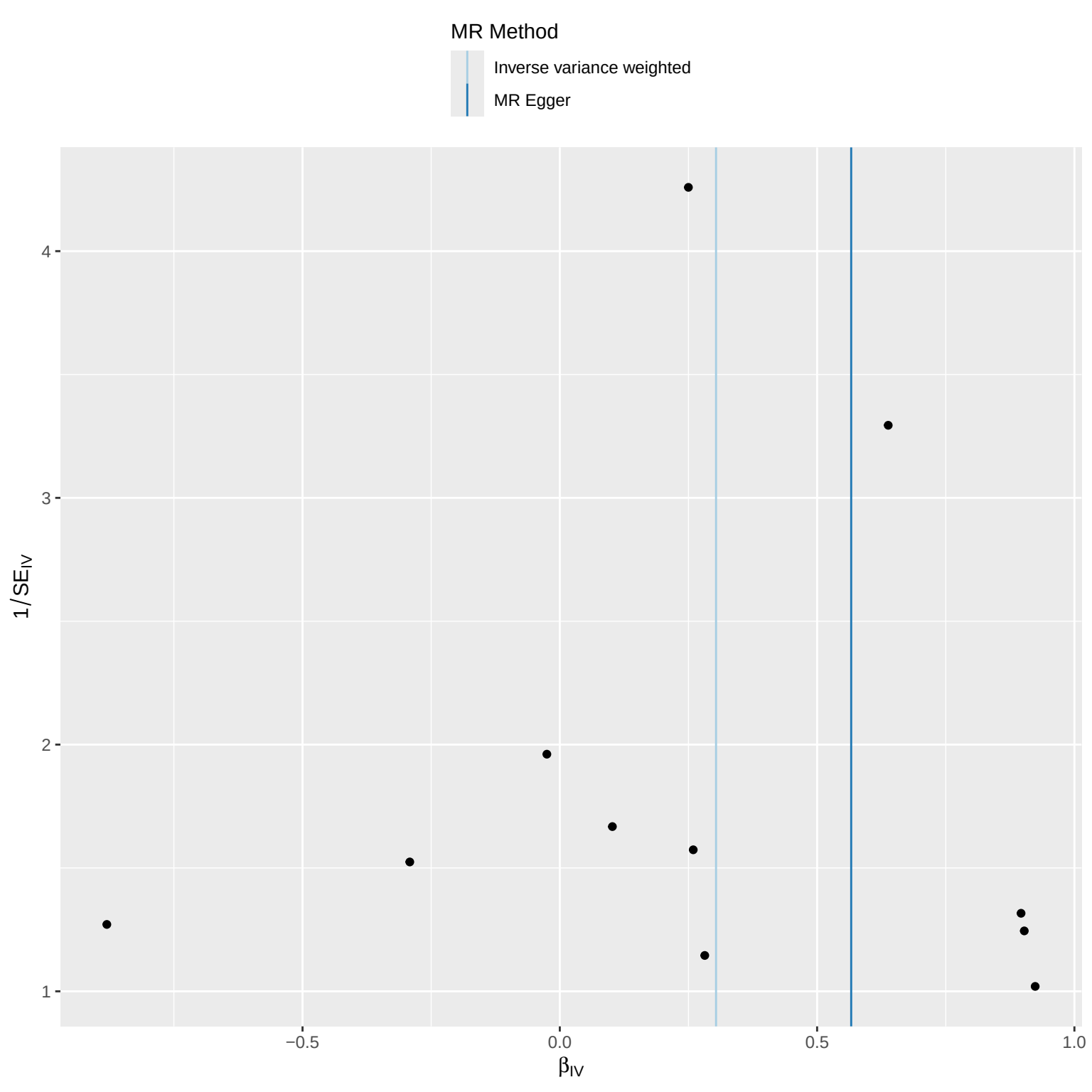

MR Method
Inverse variance weighted
MR Egger
8
6
4
1/SE_IV
0.2
0.4
0.6
β_IV

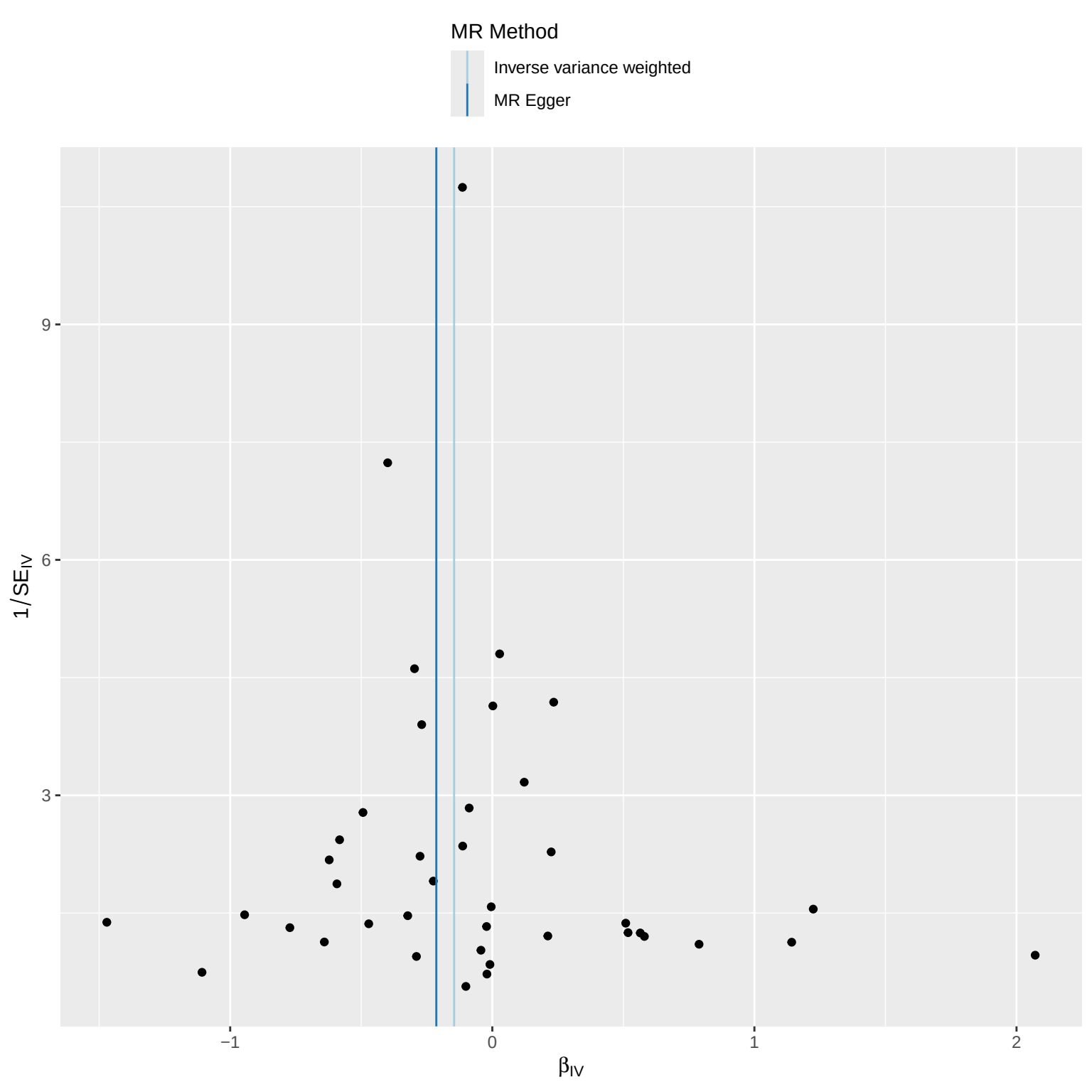

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

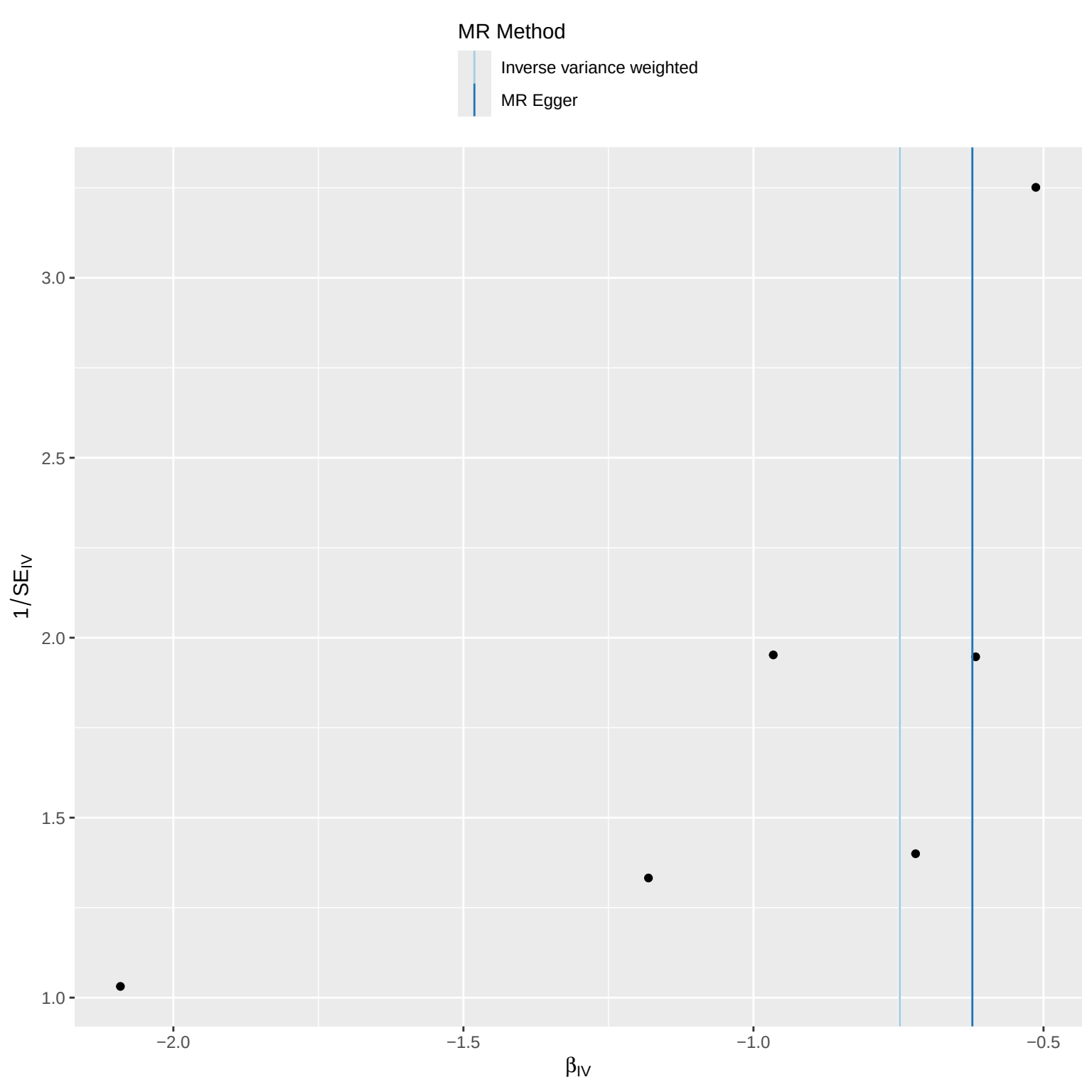

MR Method
Inverse variance weighted
MR Egger
20
15
10
5
1/SE_IV
−0.4
−0.2
0.0
0.2
β_IV

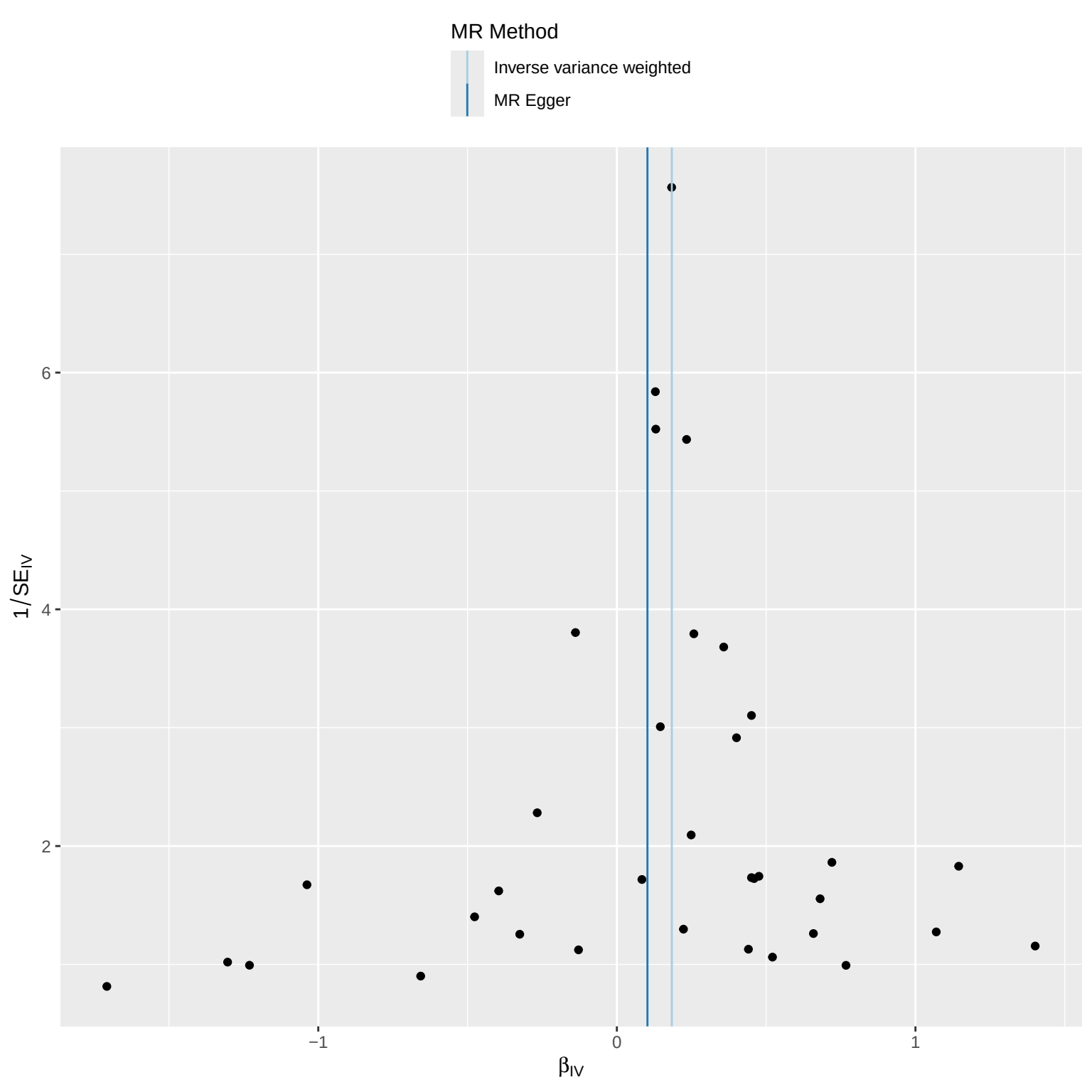

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

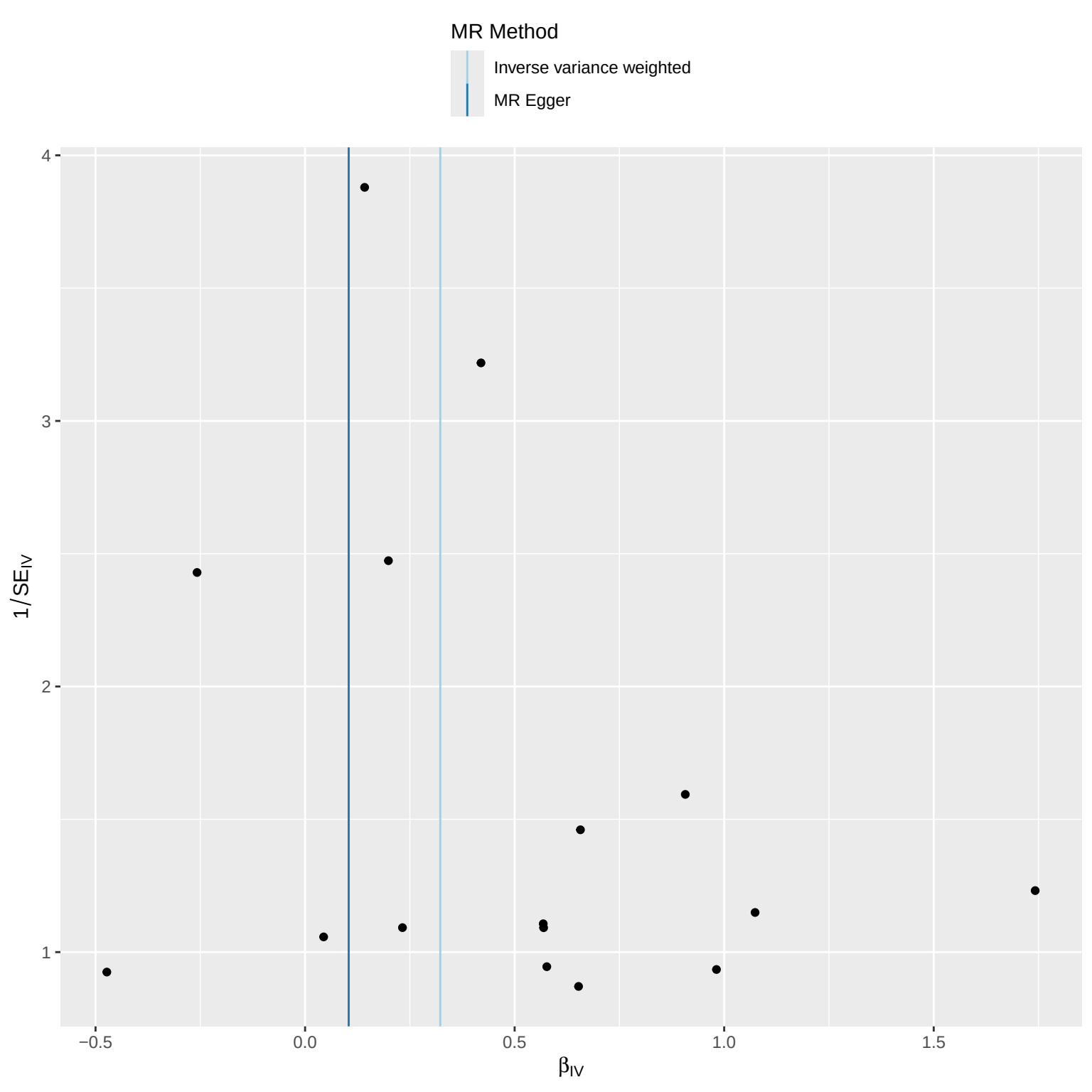

MR Method
Inverse variance weighted
MR Egger
12
8
4
1/SE_IV
−0.50
−0.25
0.00
β_IV

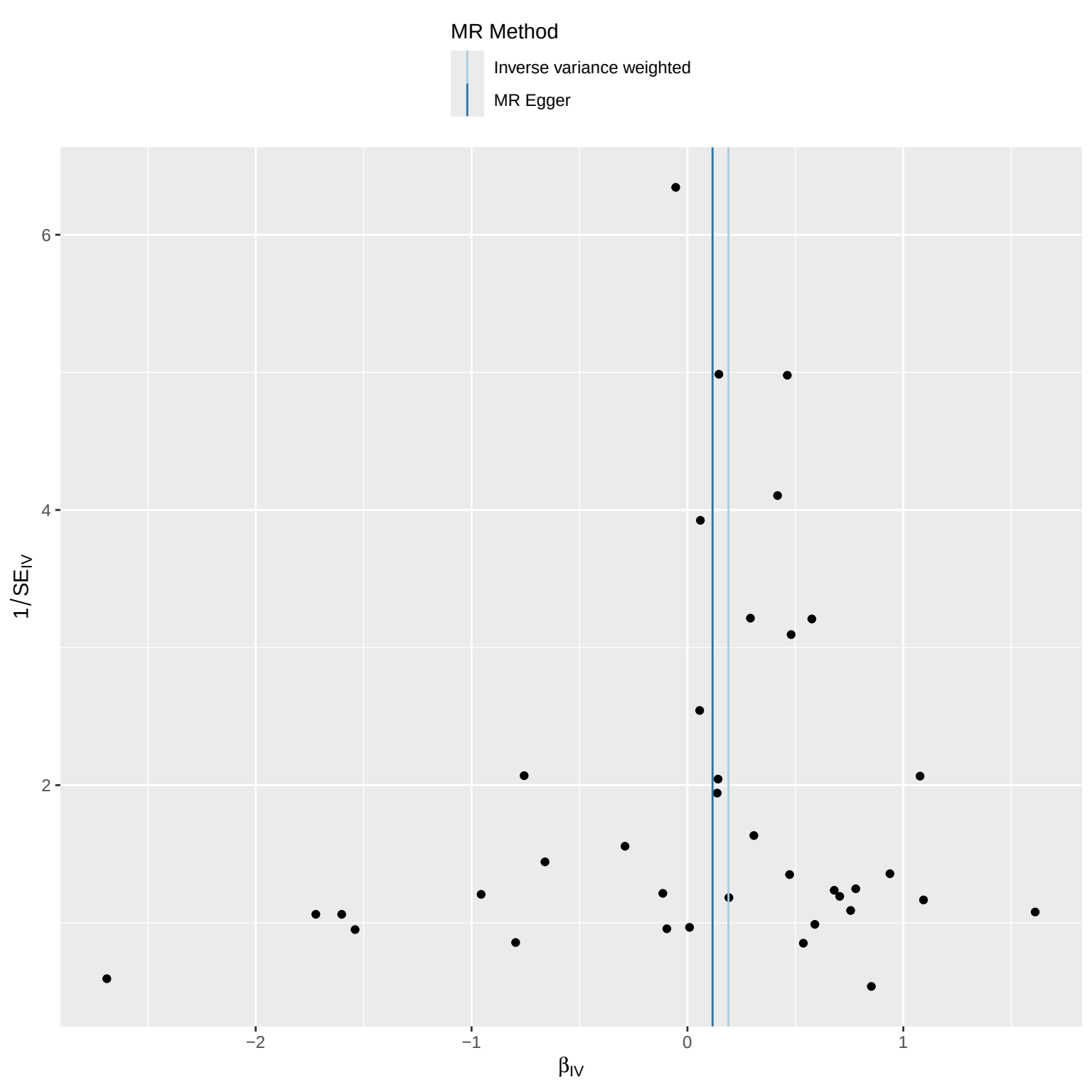

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

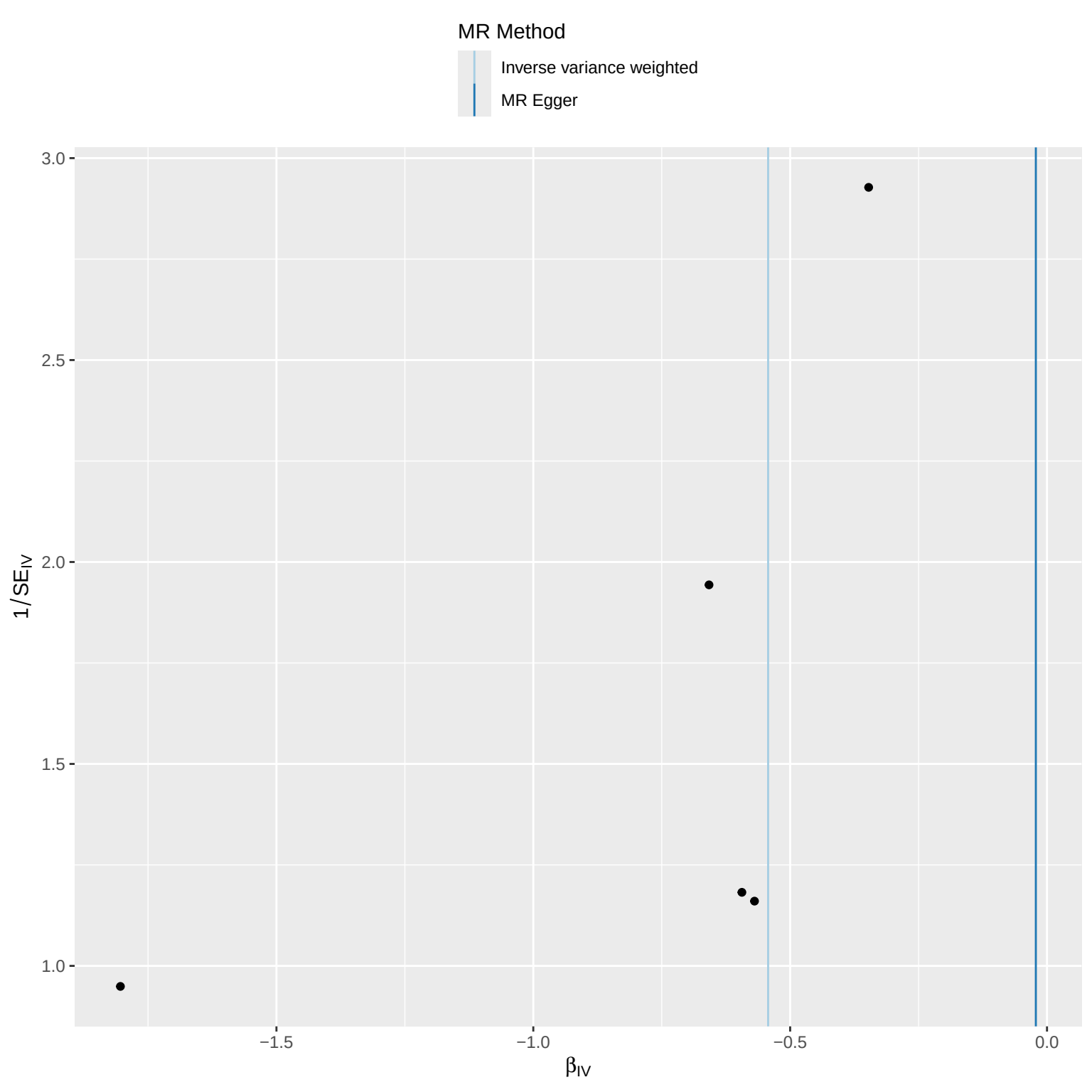

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1
0
1
2
β_IV

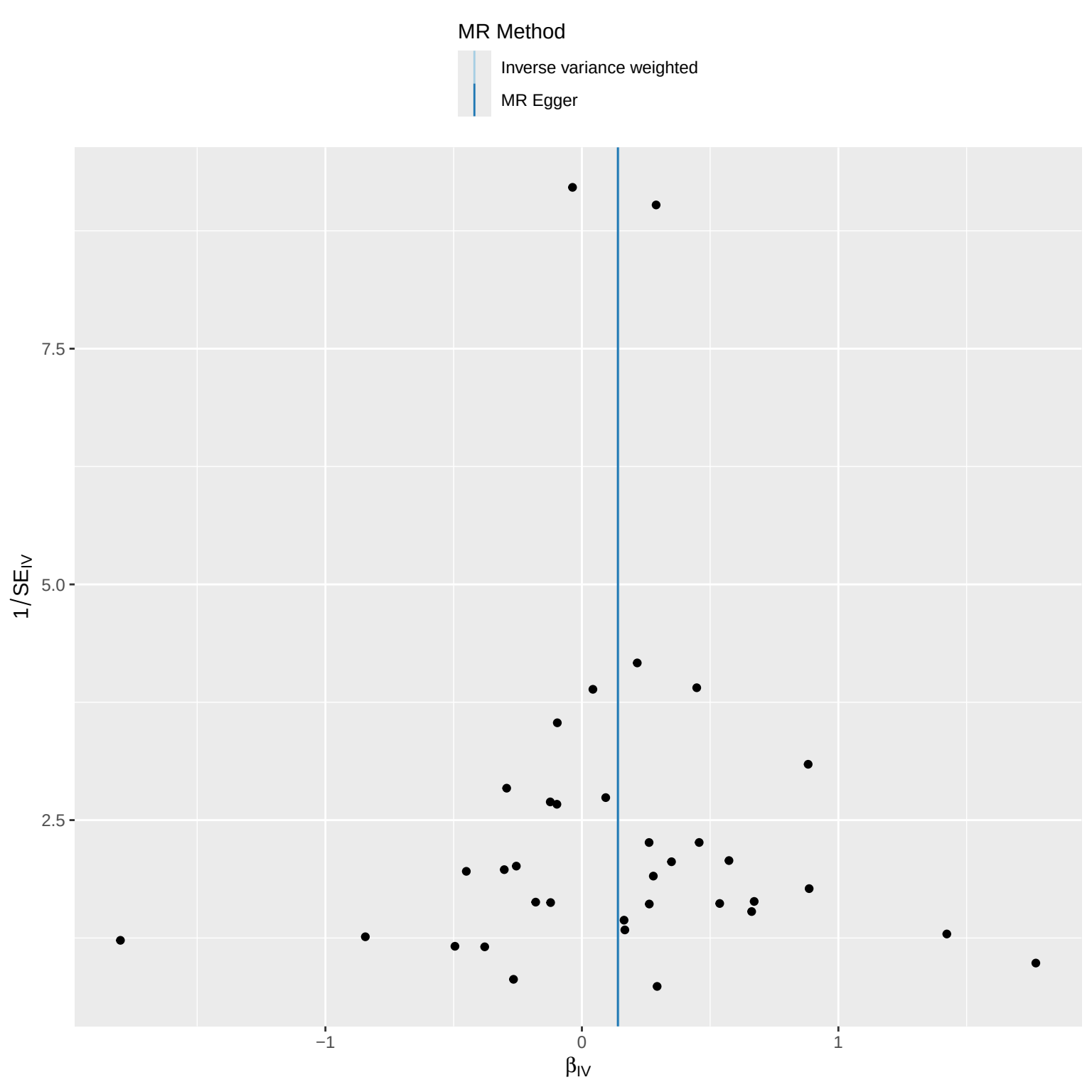

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

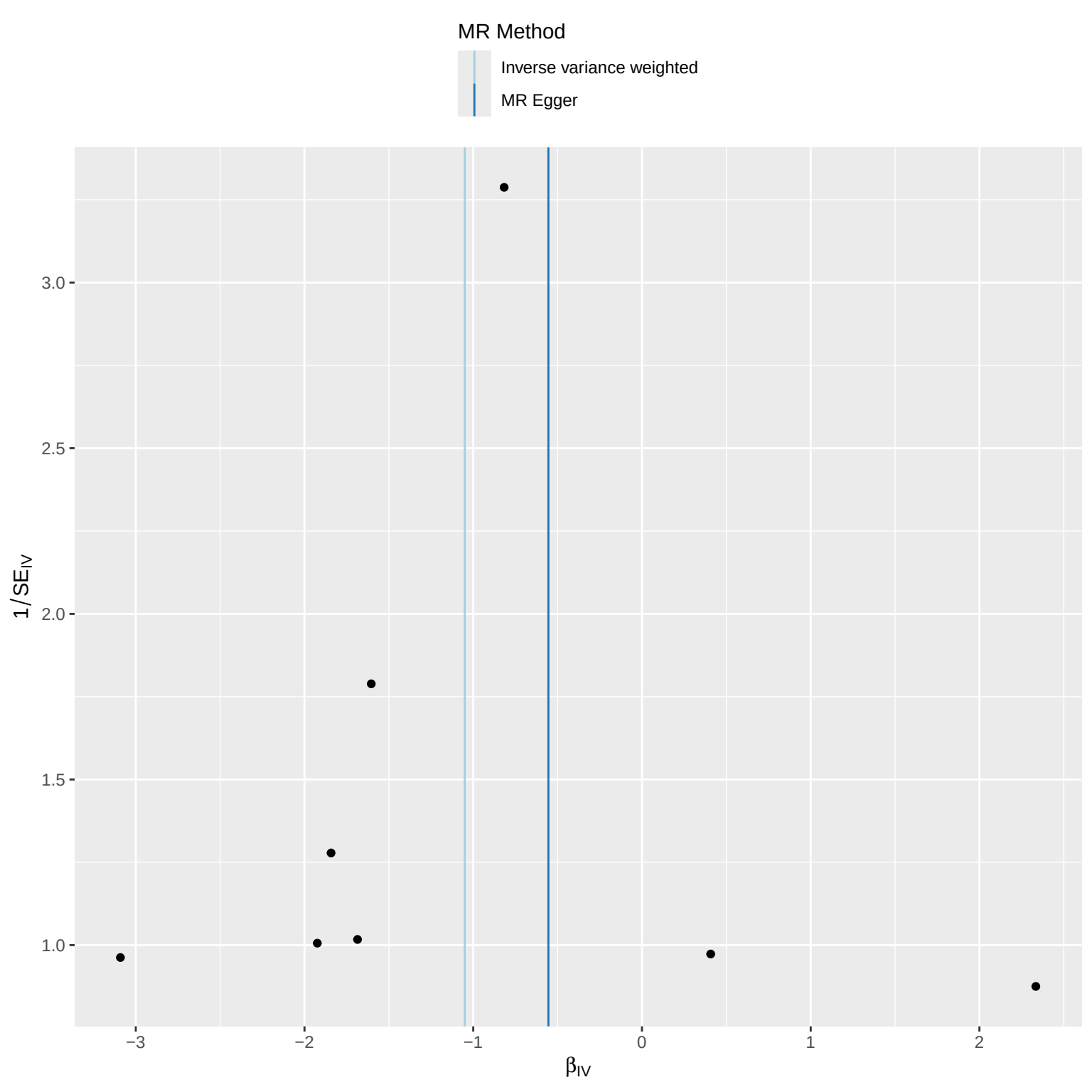

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

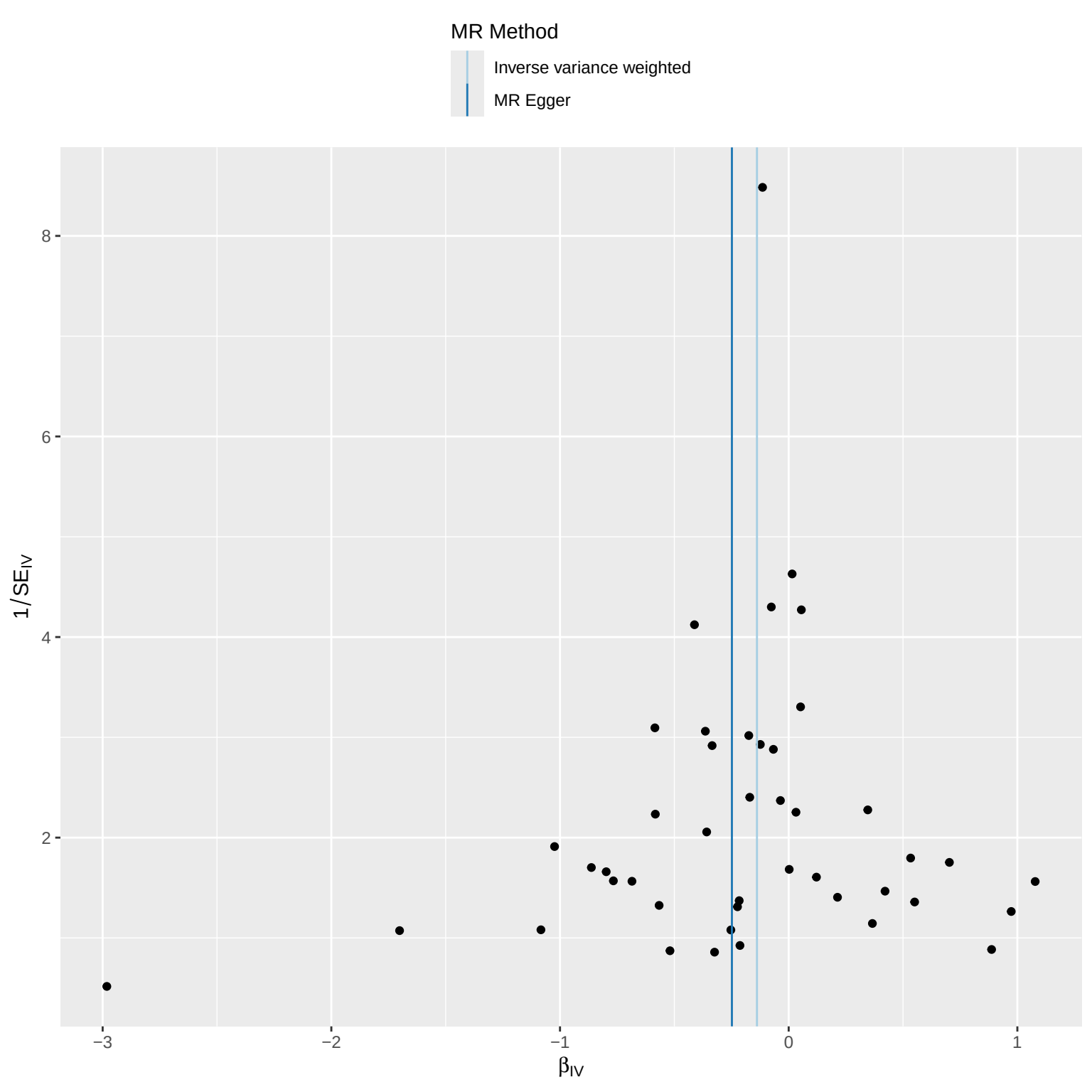

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

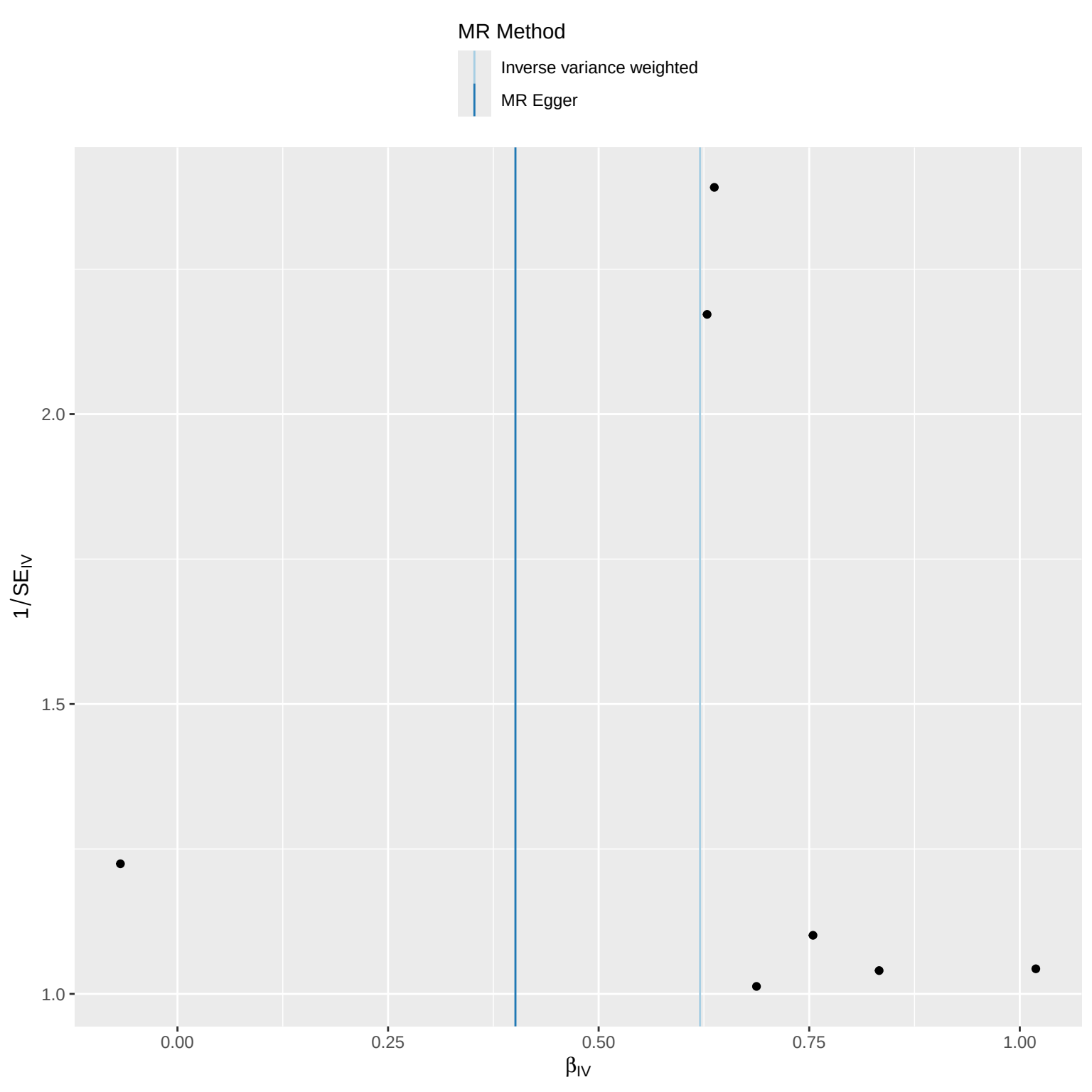

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

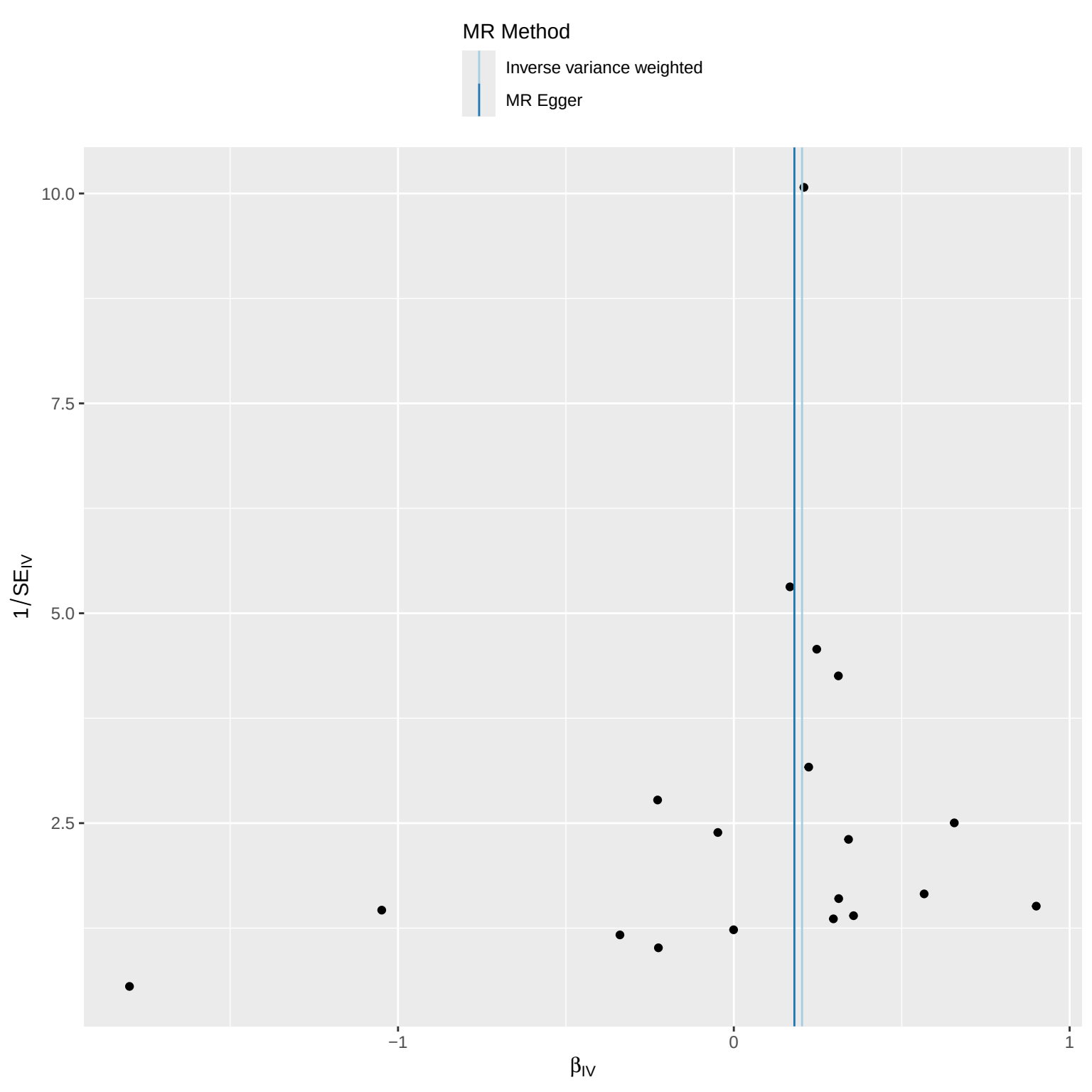

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

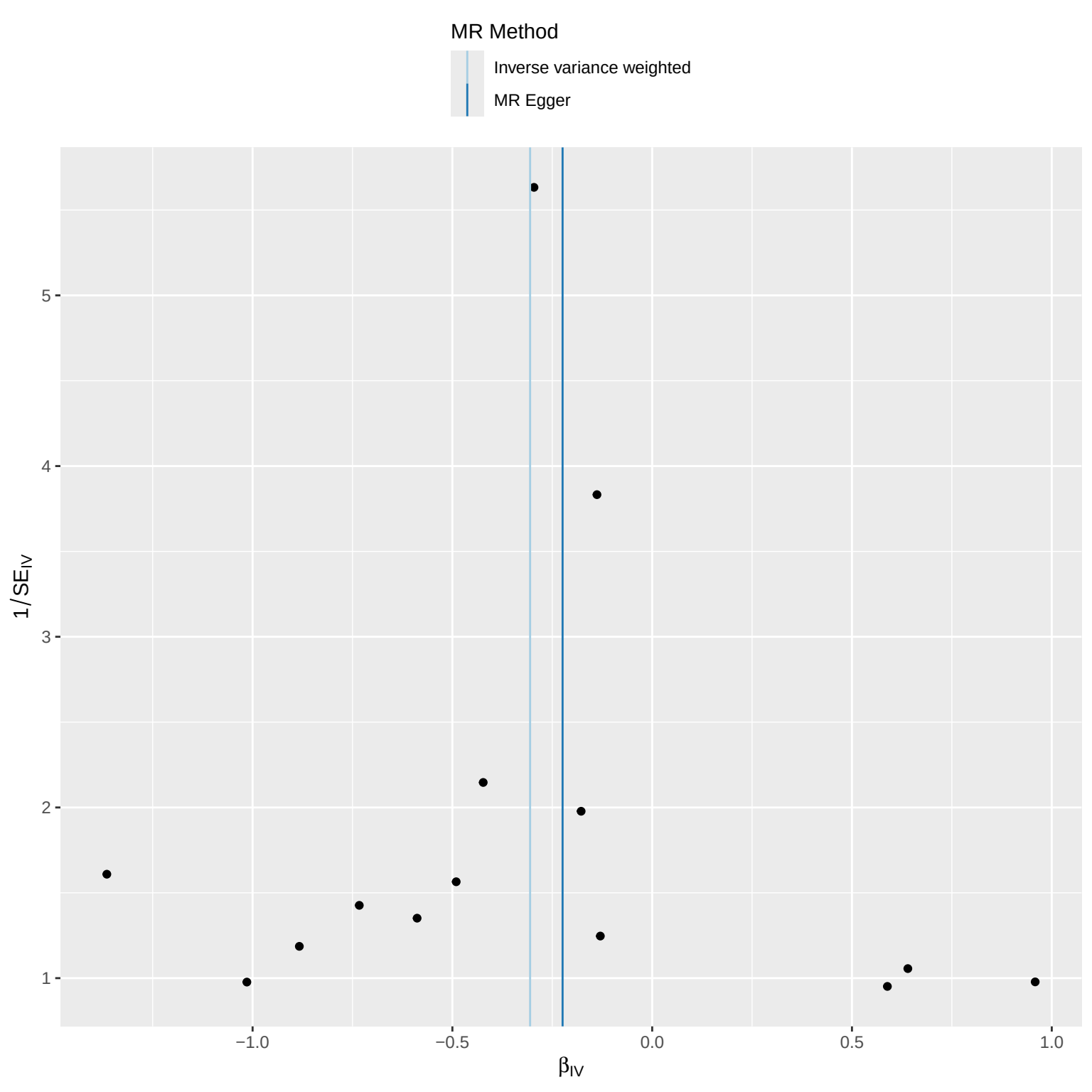

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

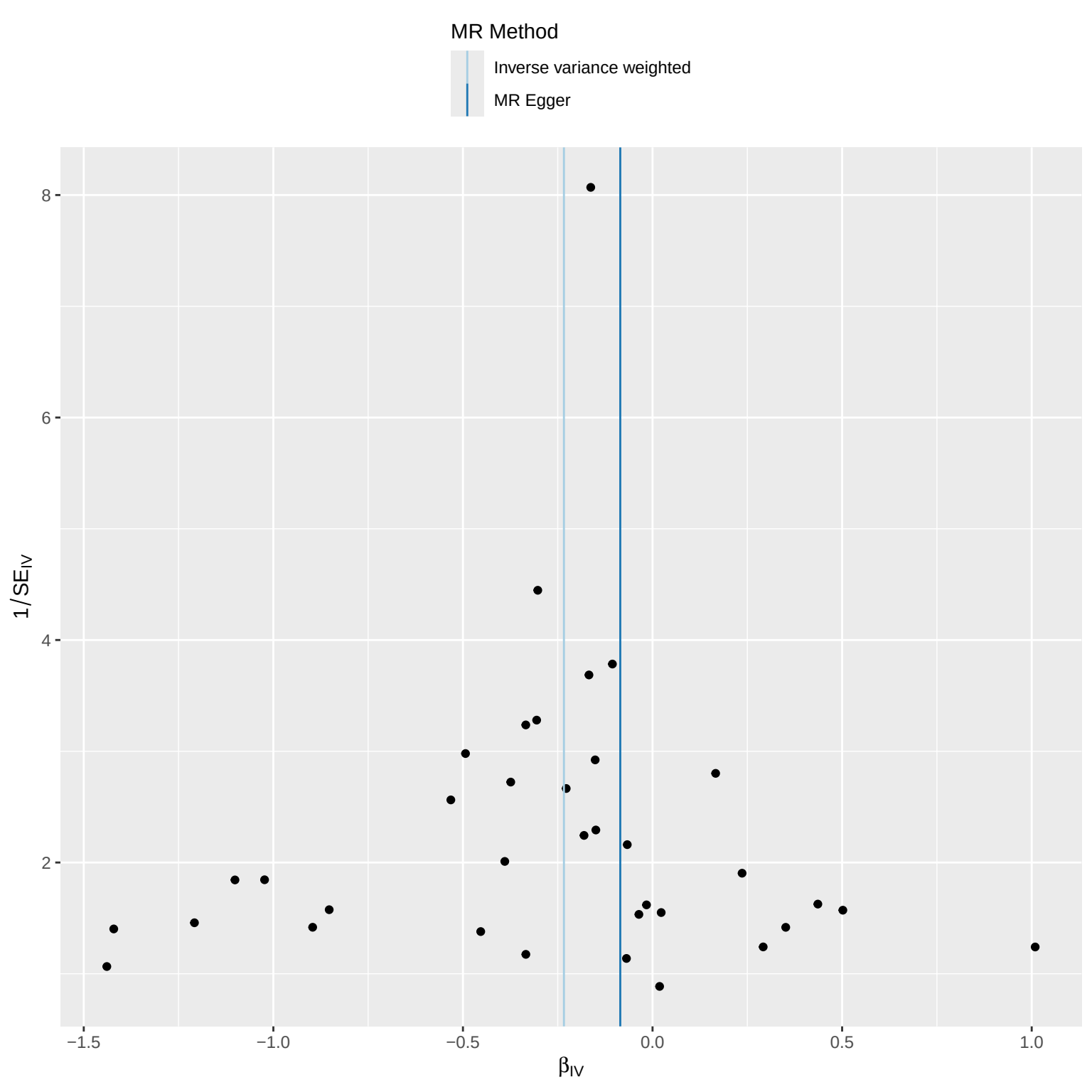

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
2
β_IV

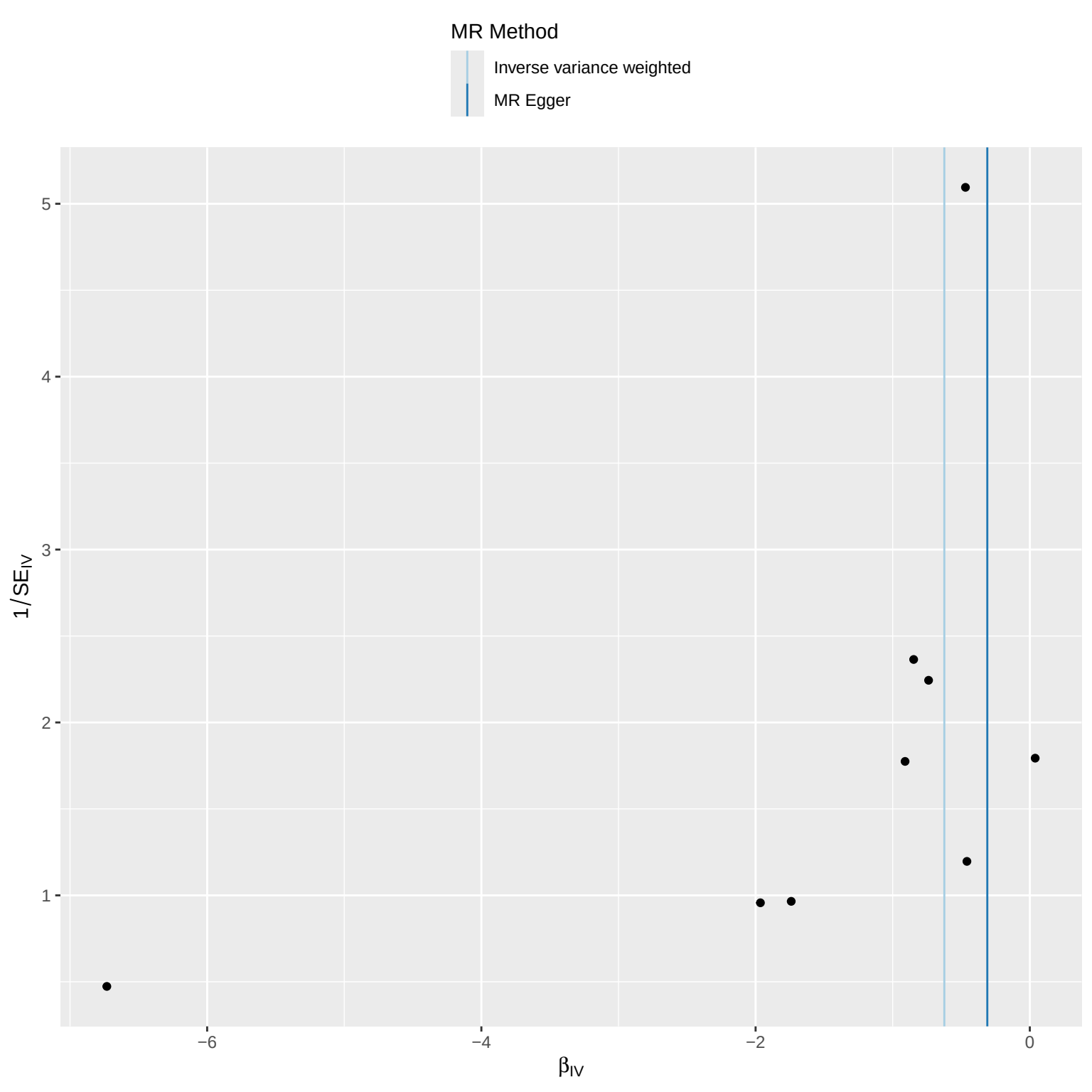

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

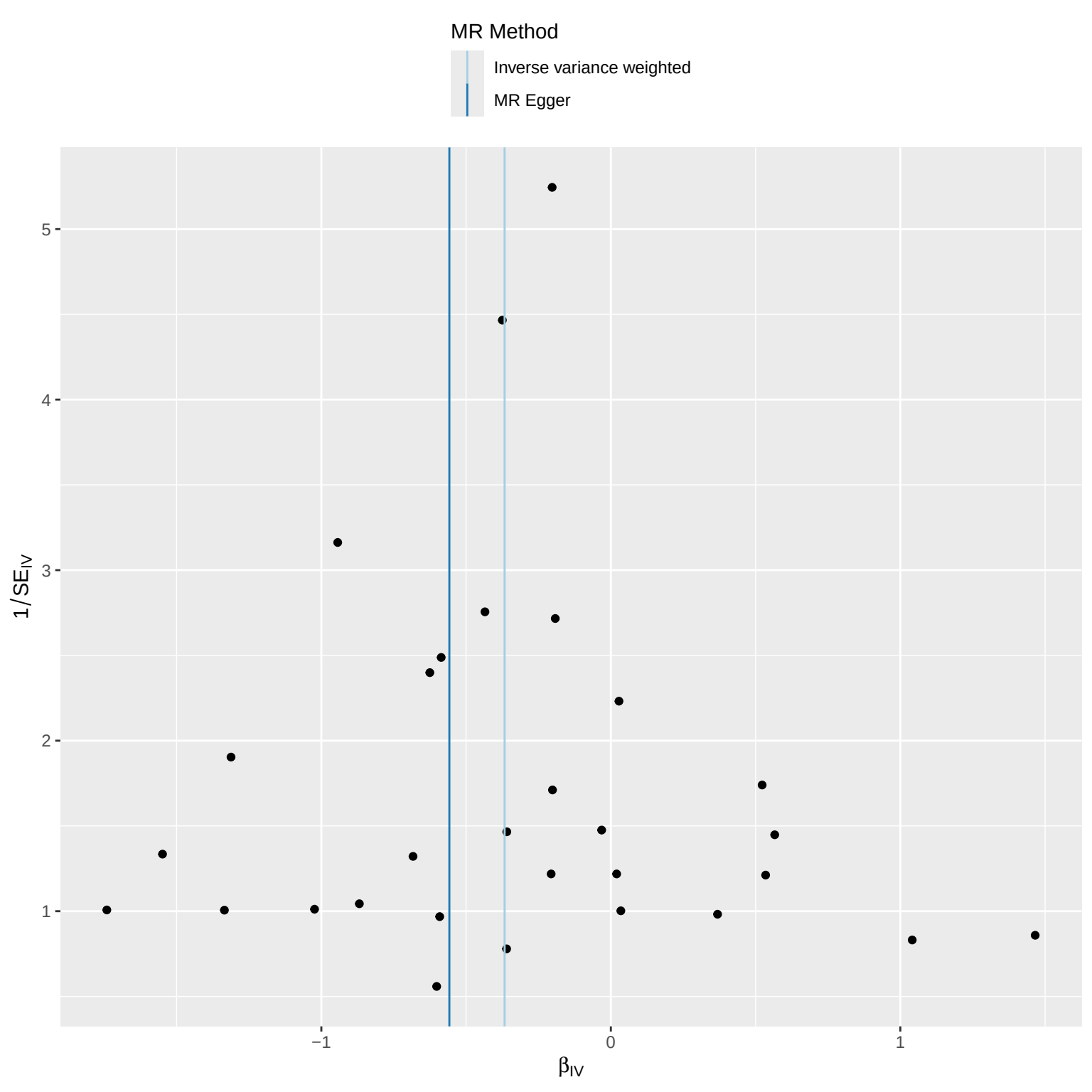

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.00
0.25
0.50
0.75
1.00
β_IV

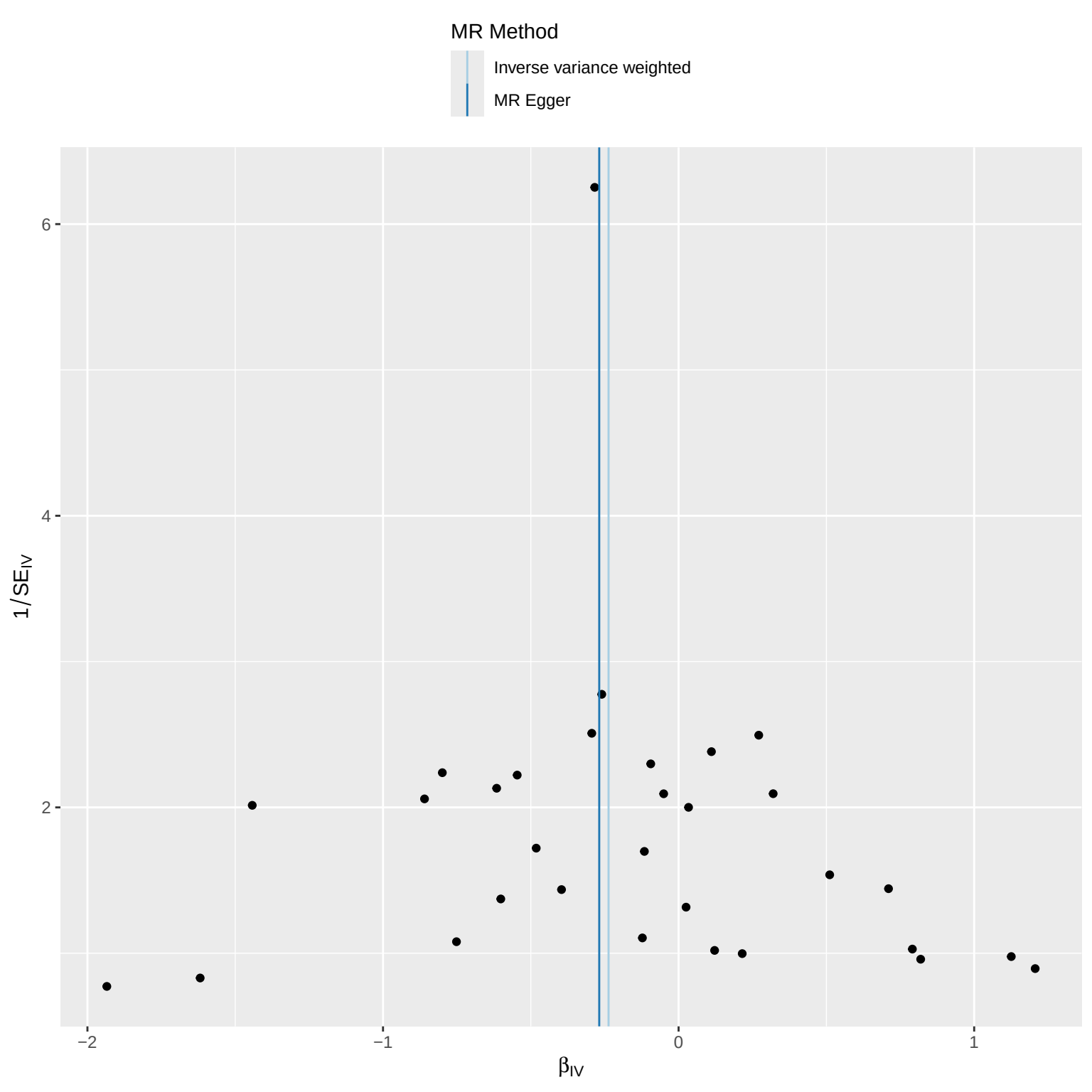

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

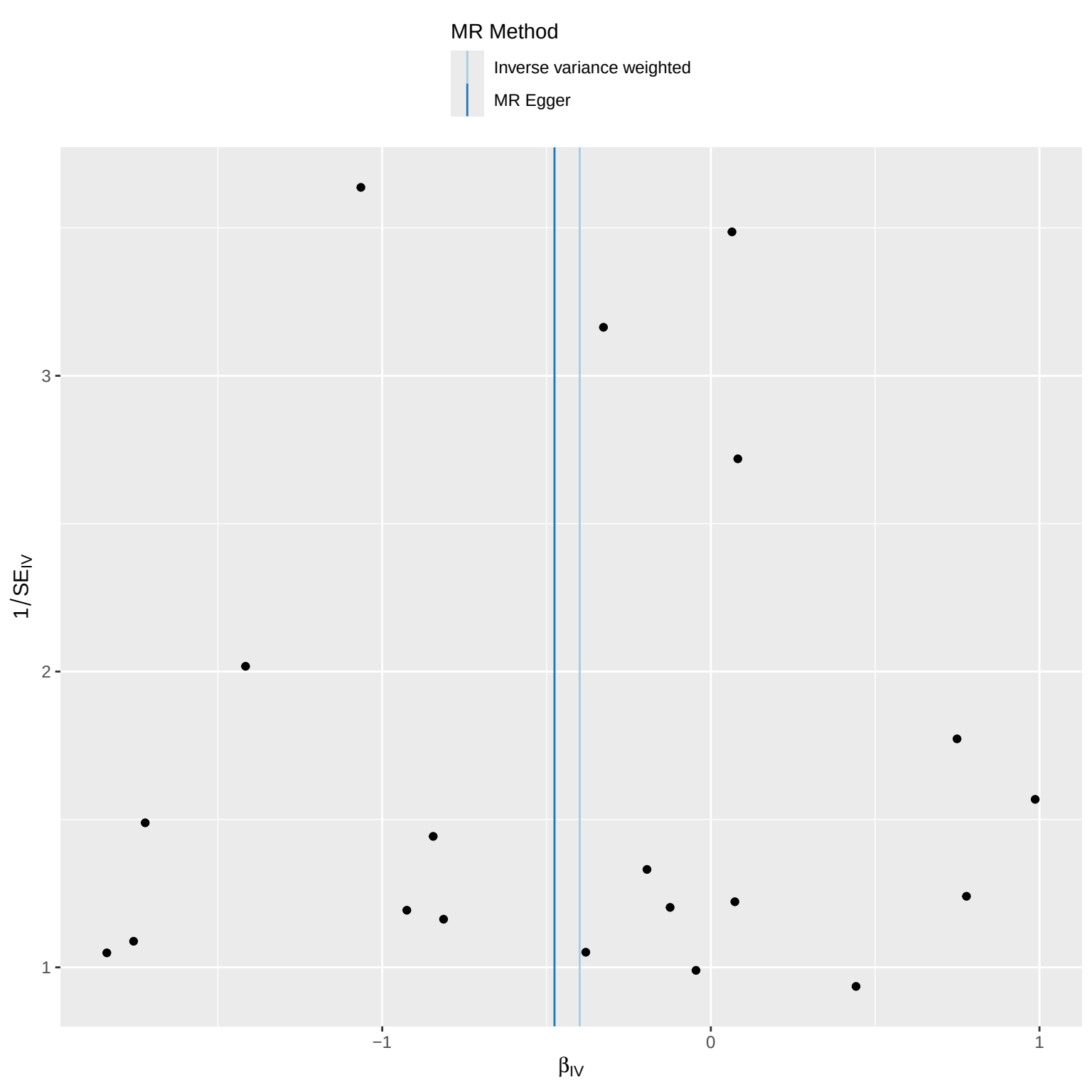

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1.0
−0.5
0.0
0.5
1.0
β_IV

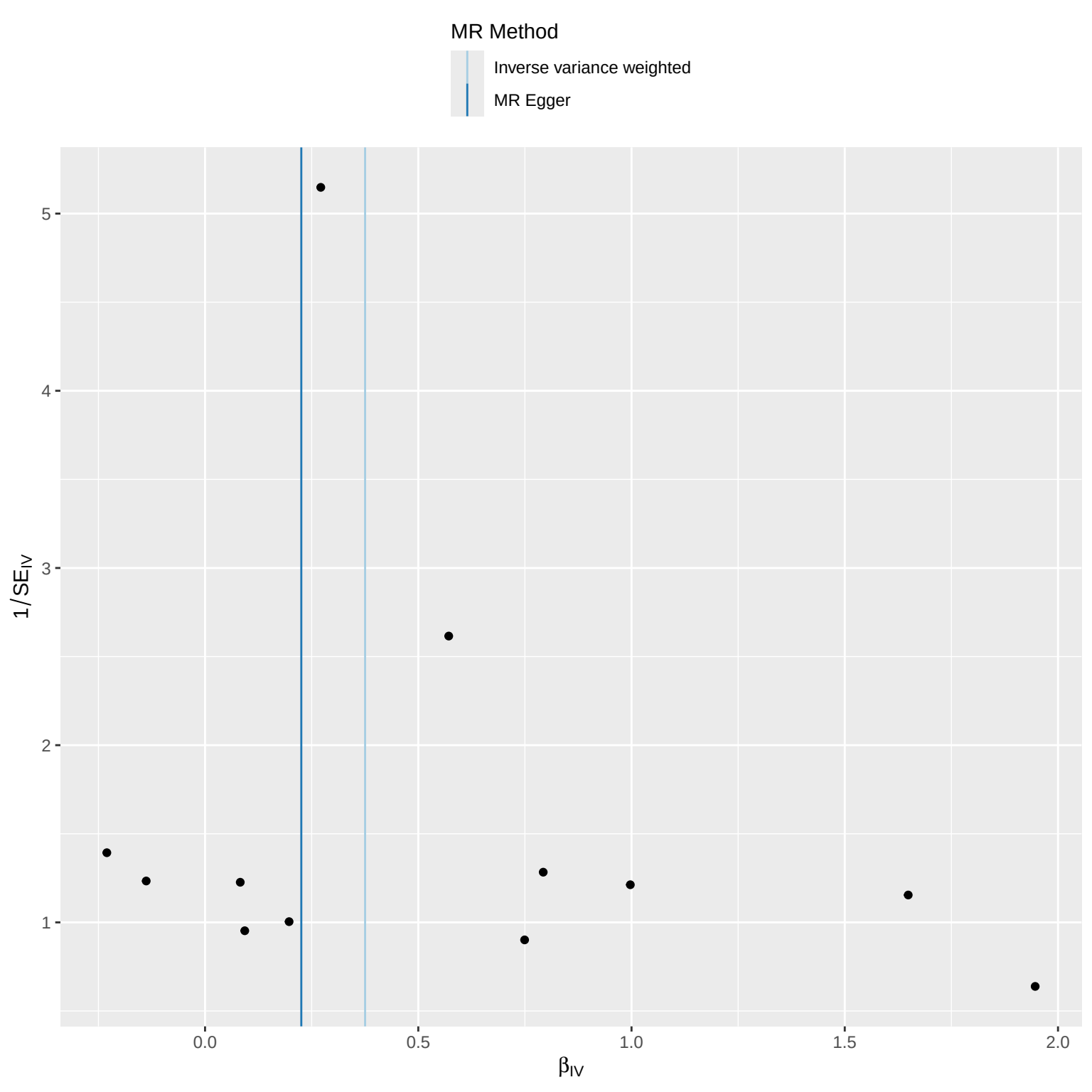

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

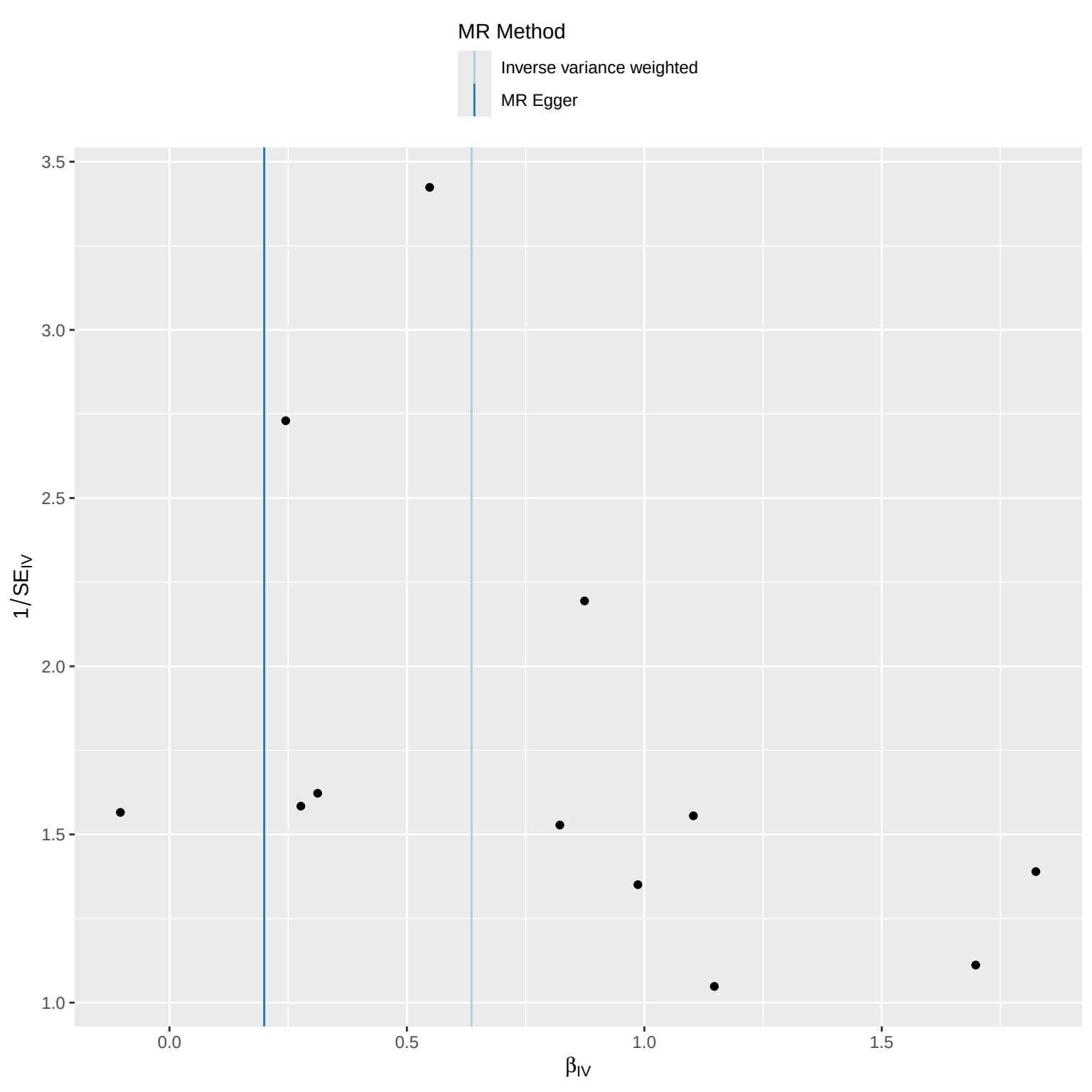

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−6
−4
−2
0
β_IV

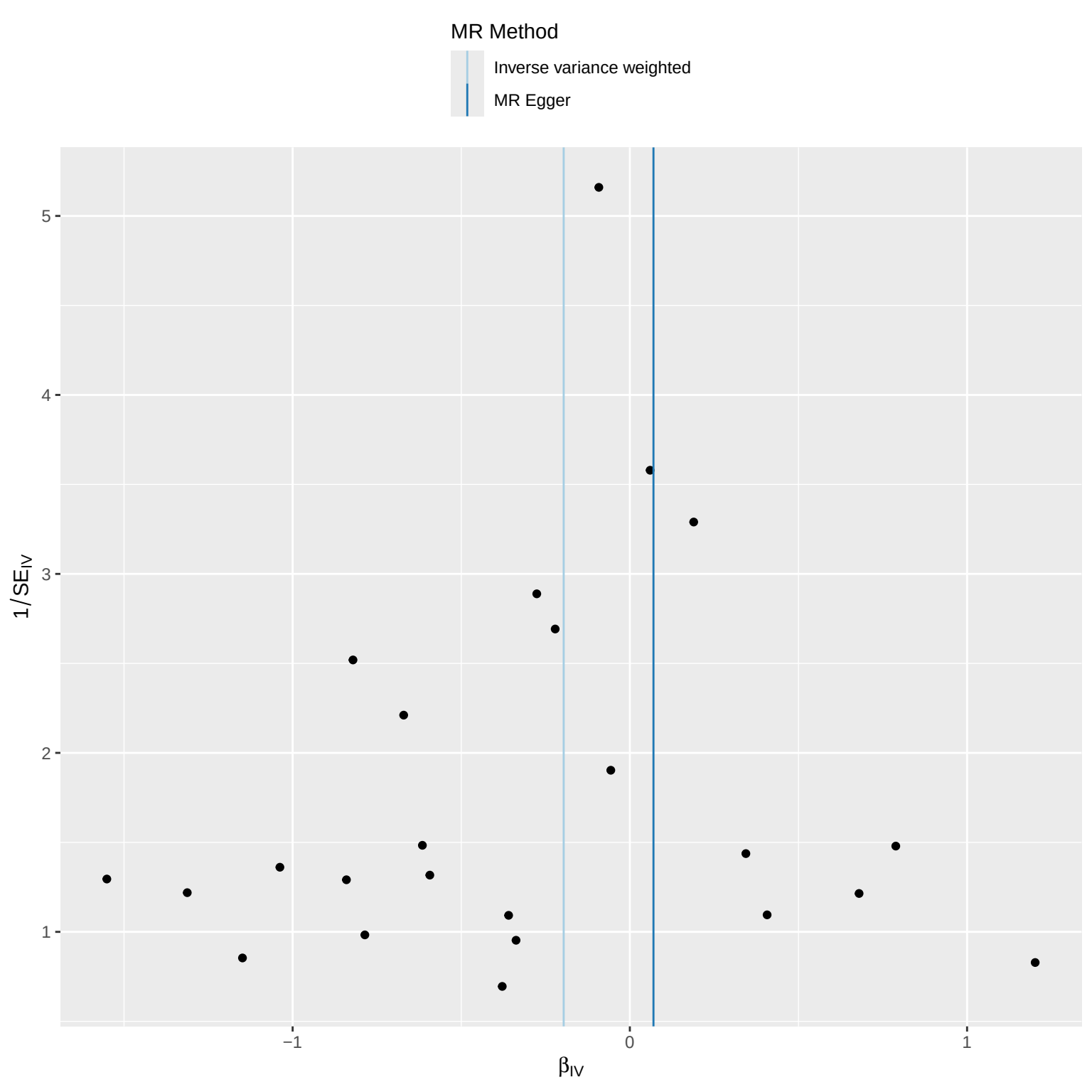

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

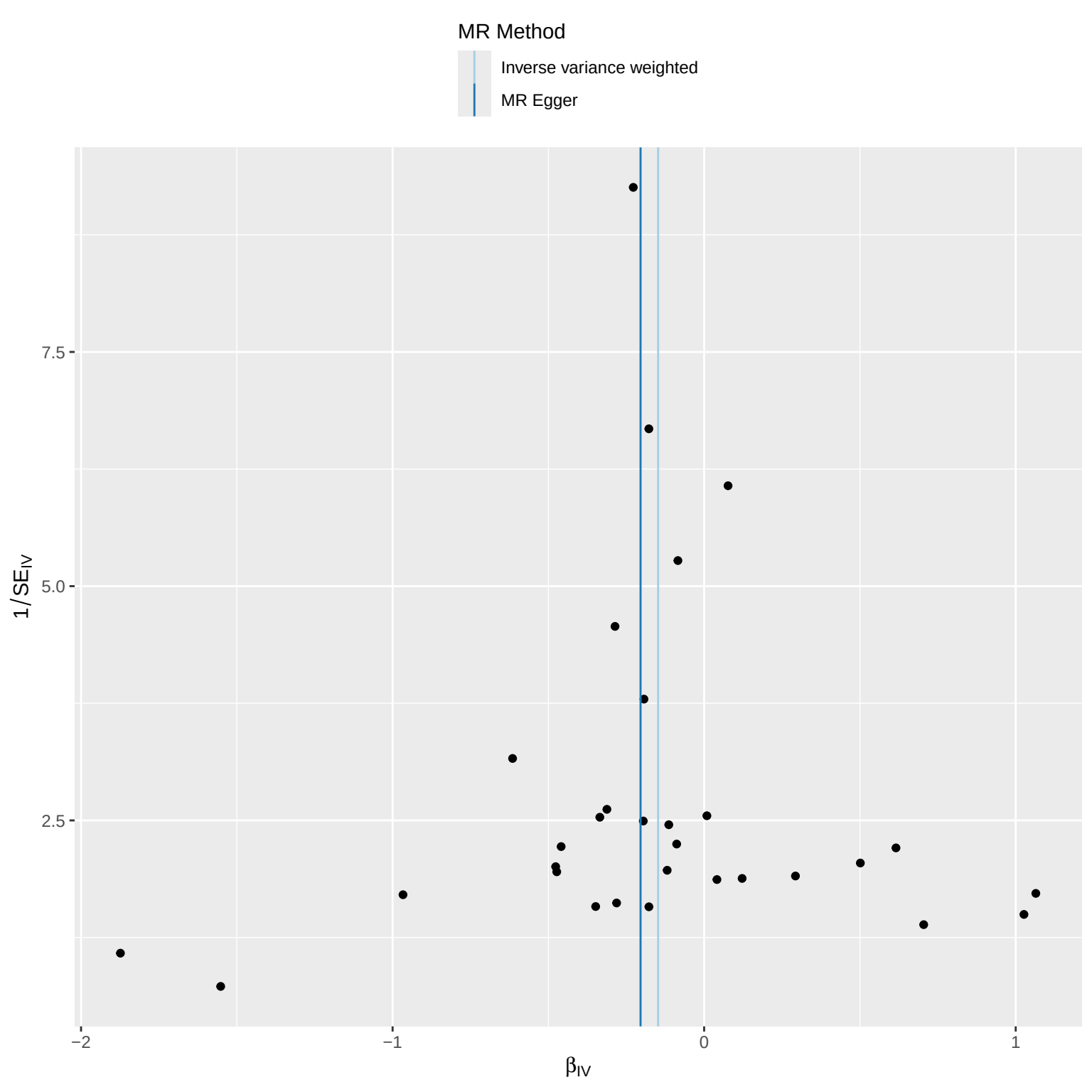

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

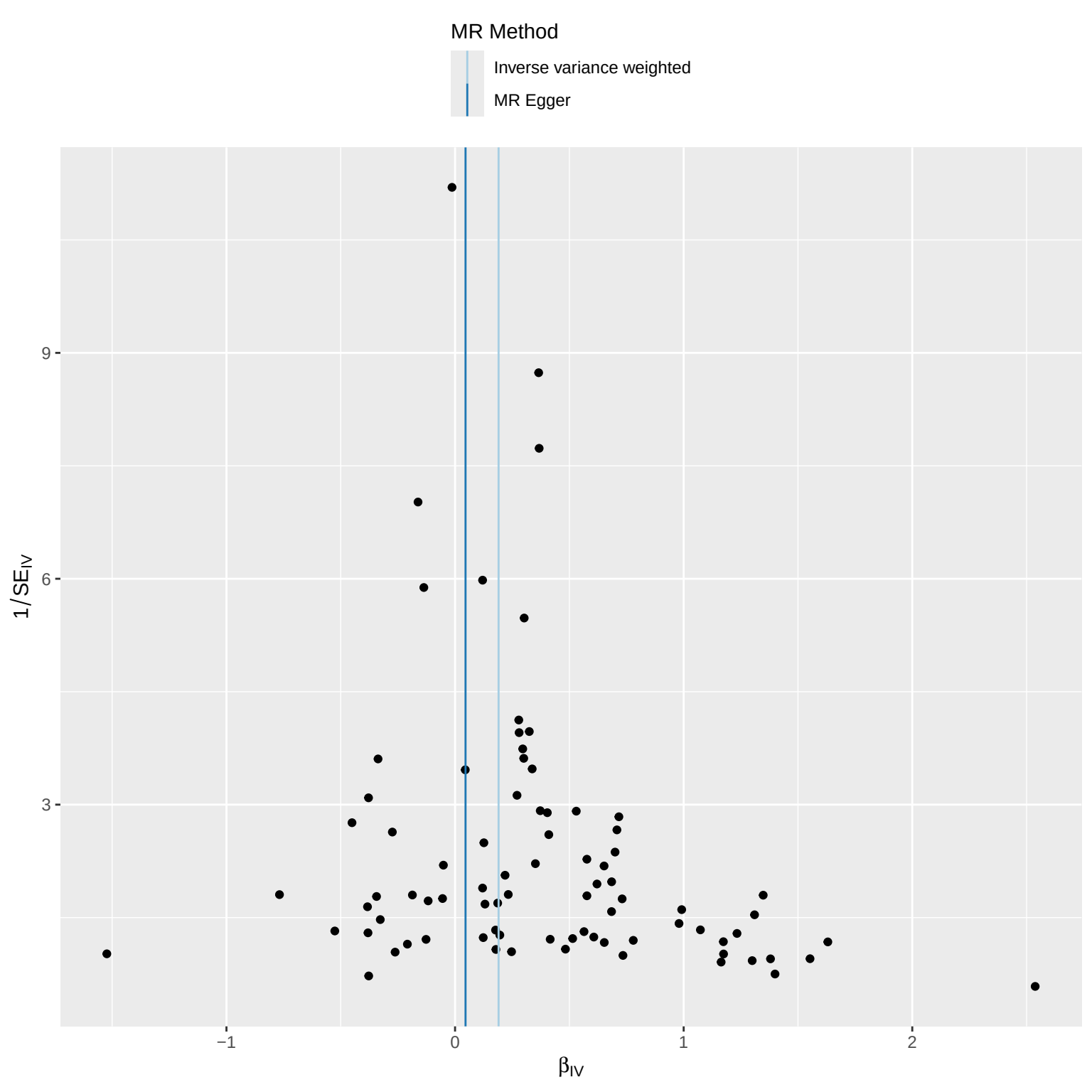

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

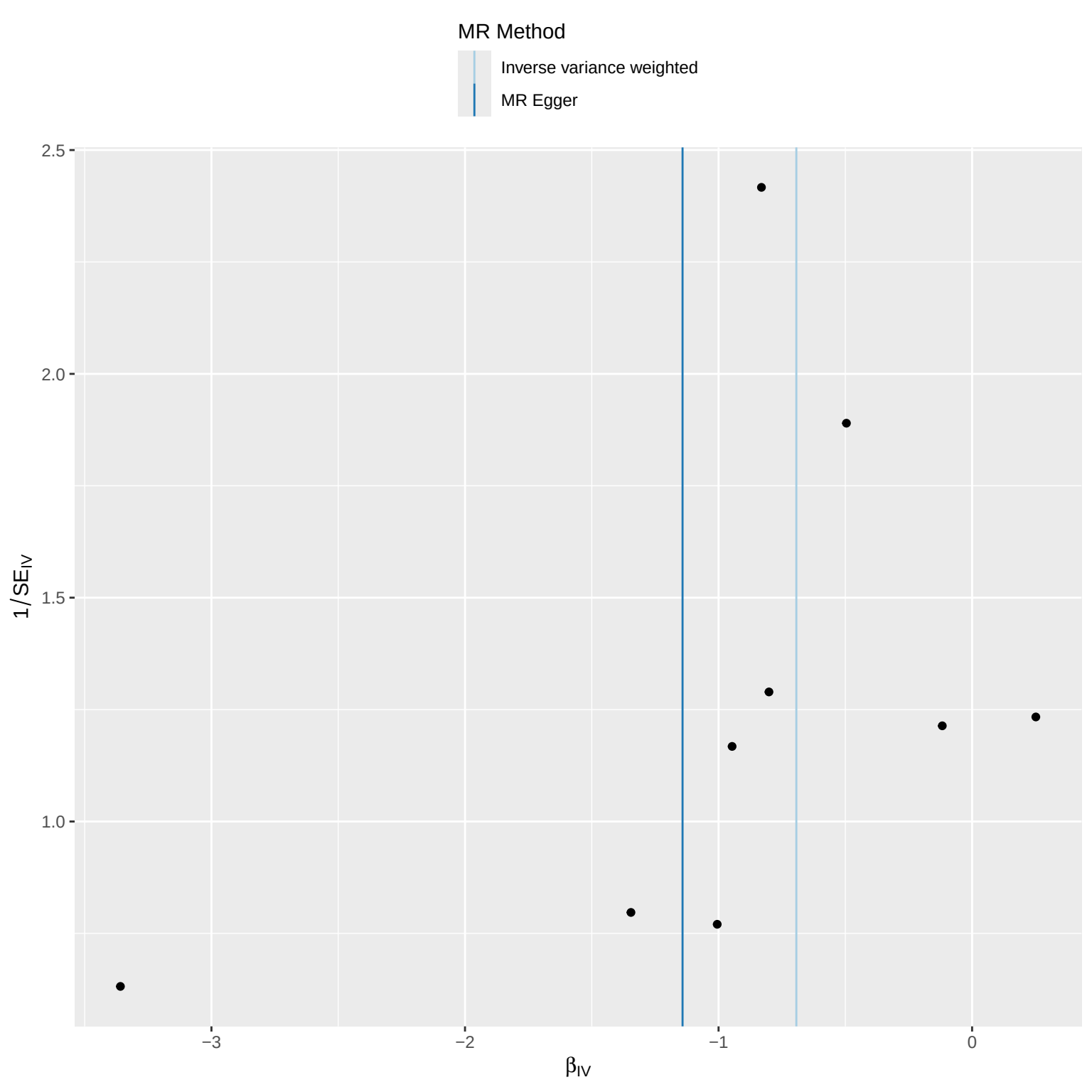

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

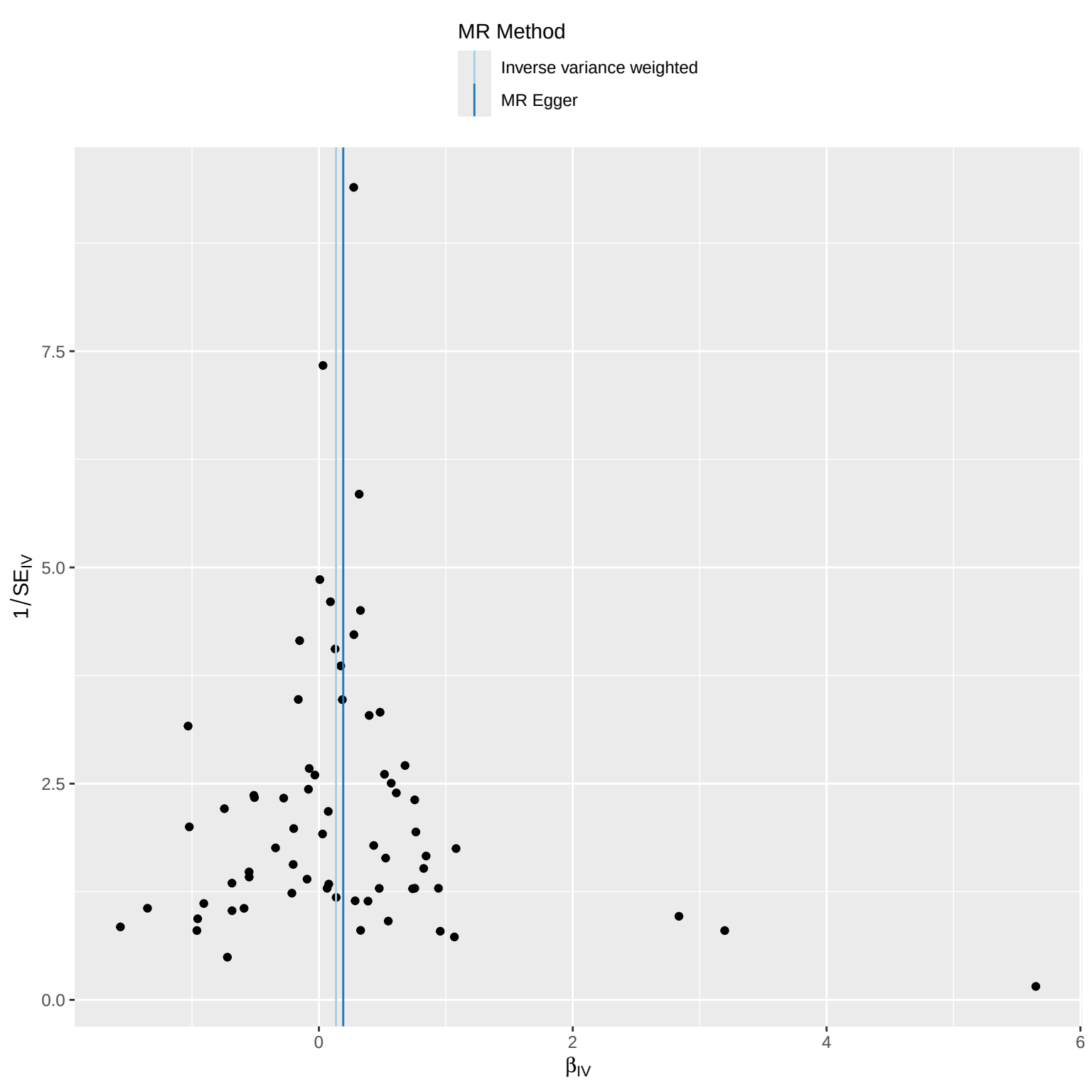

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

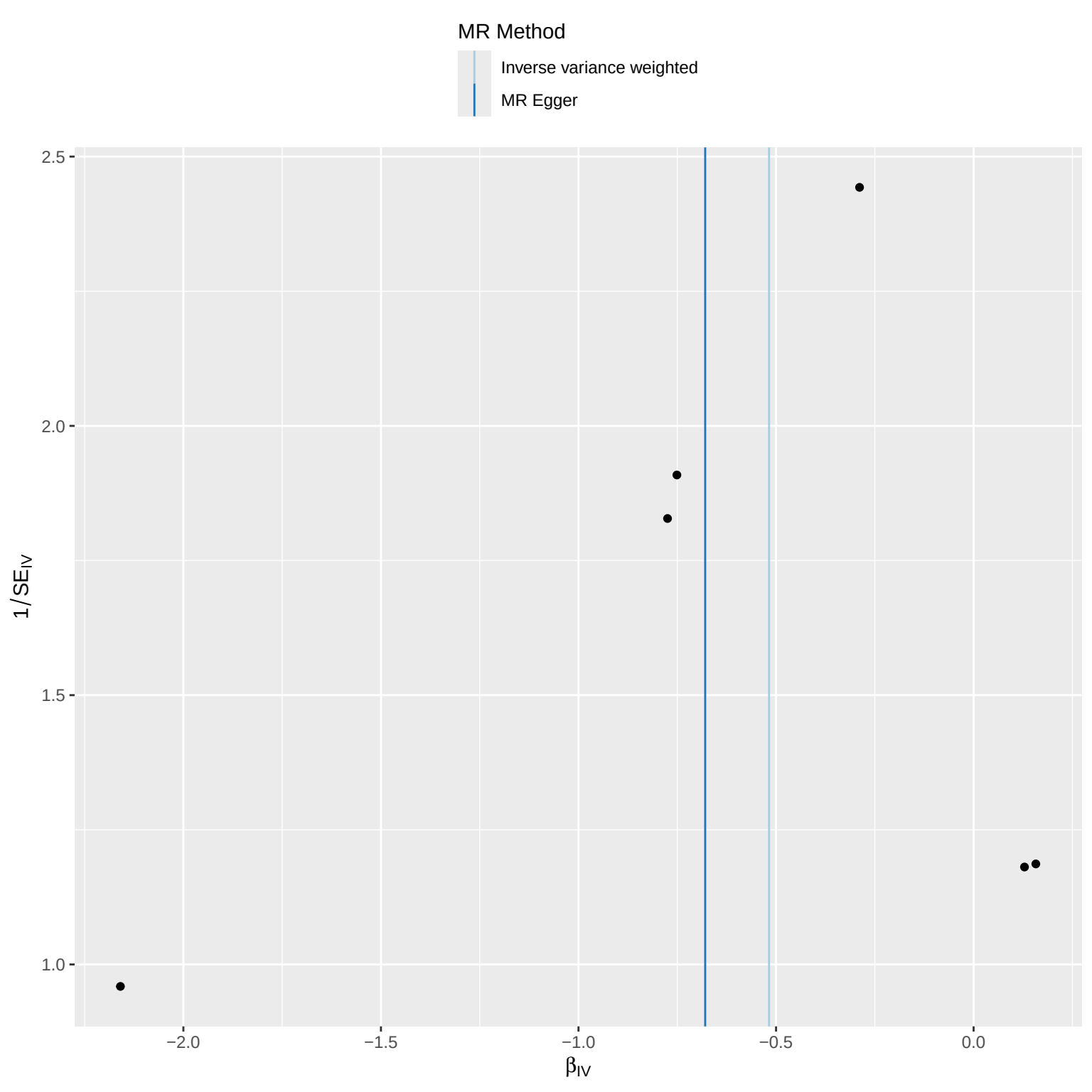

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

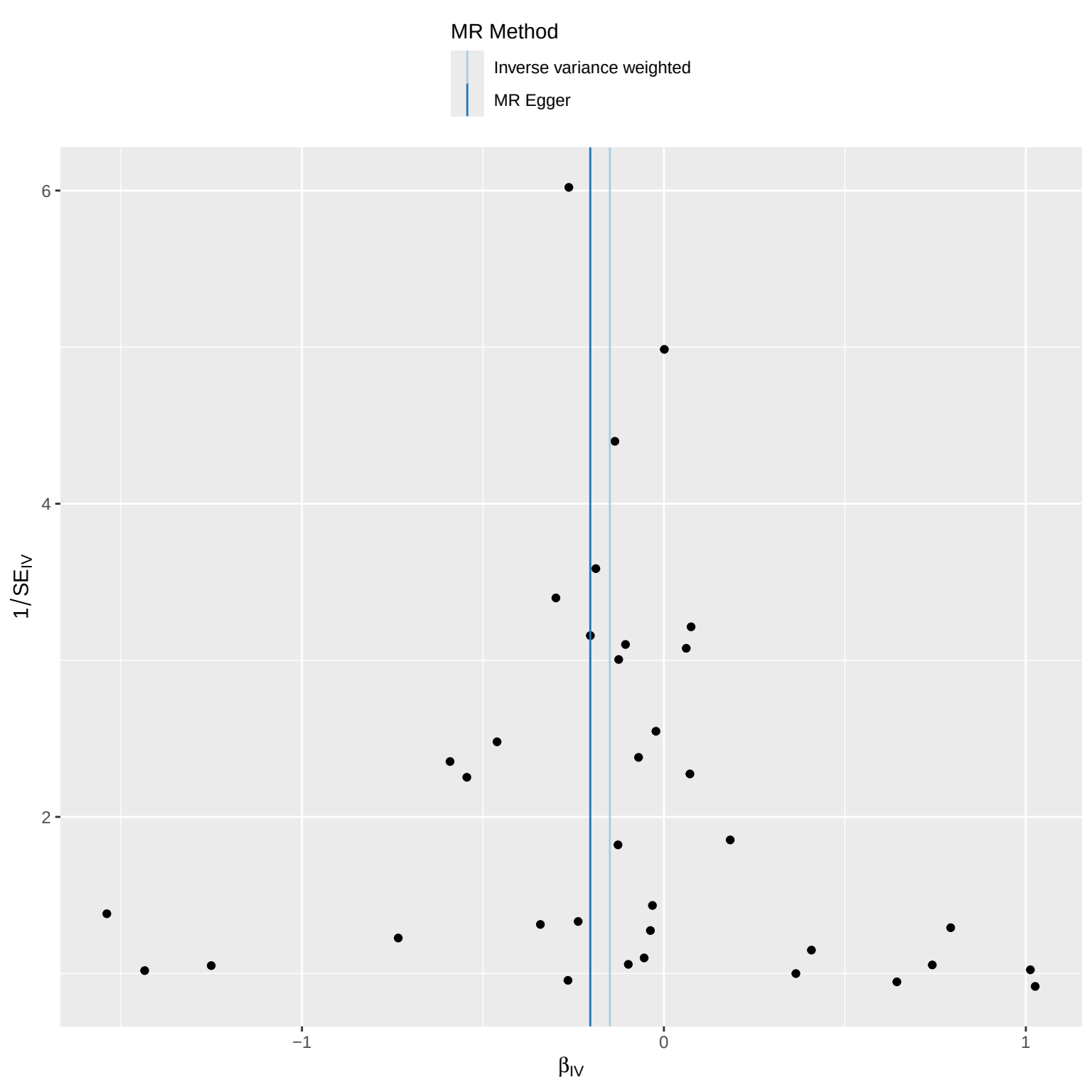

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

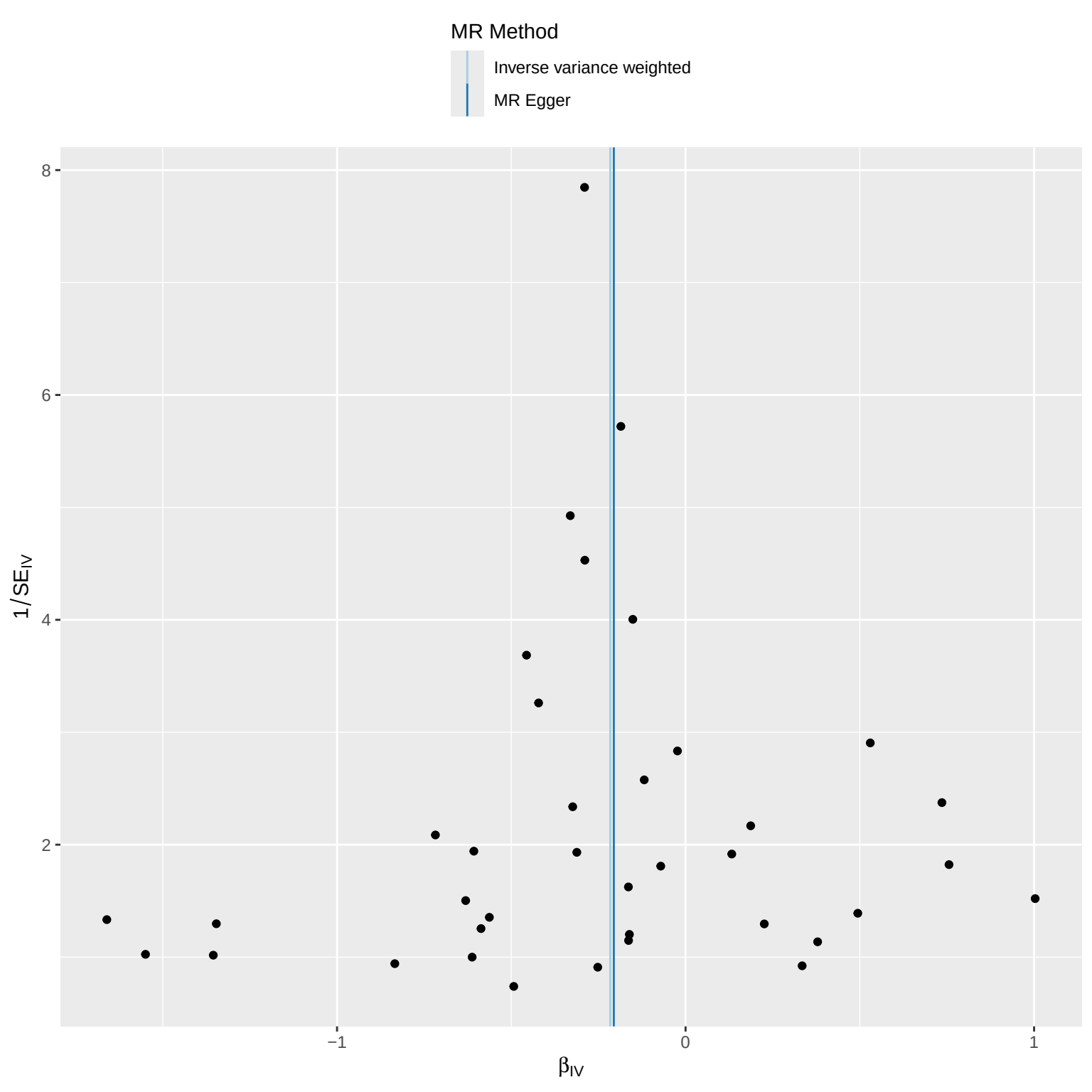

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1
0
1
2
β_IV

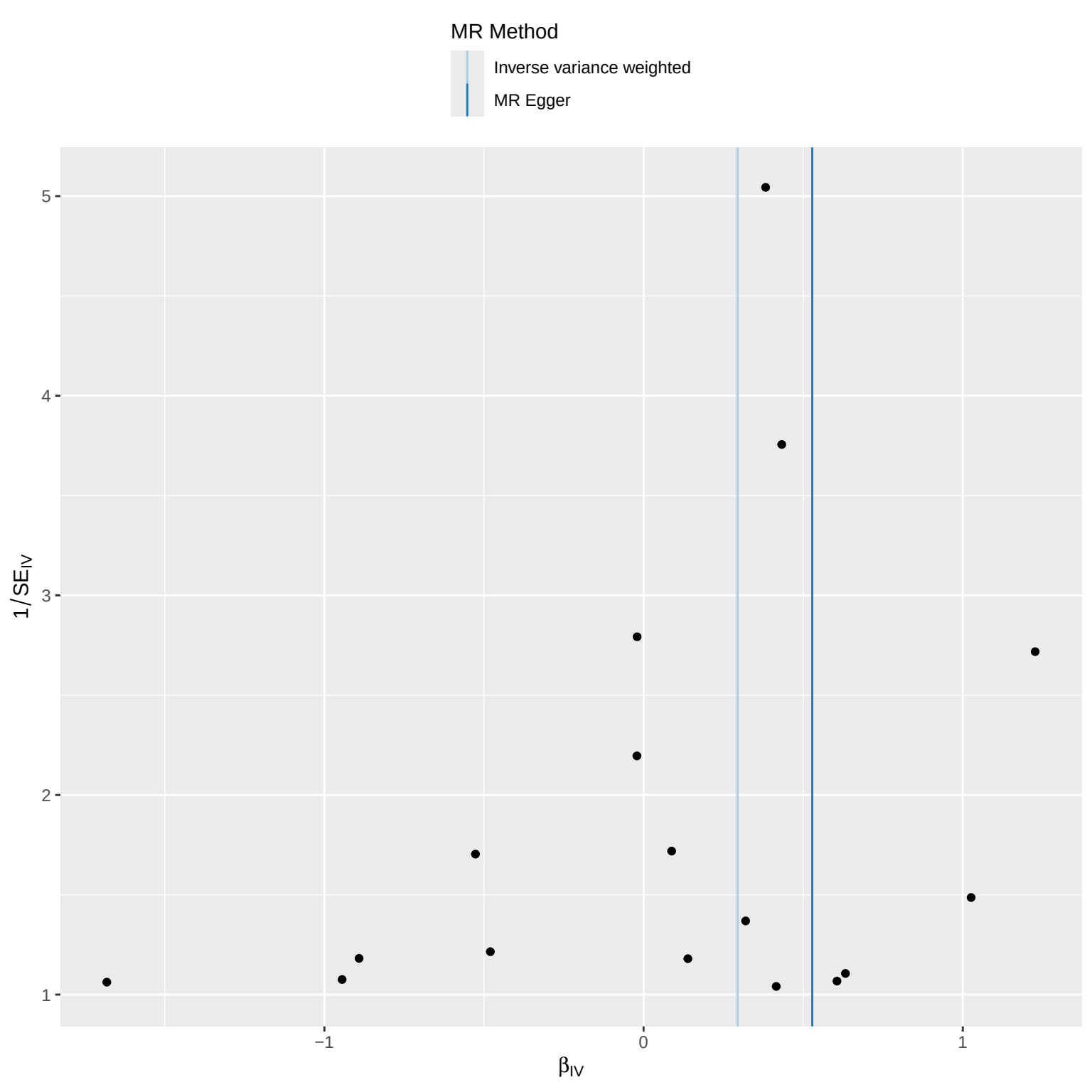

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

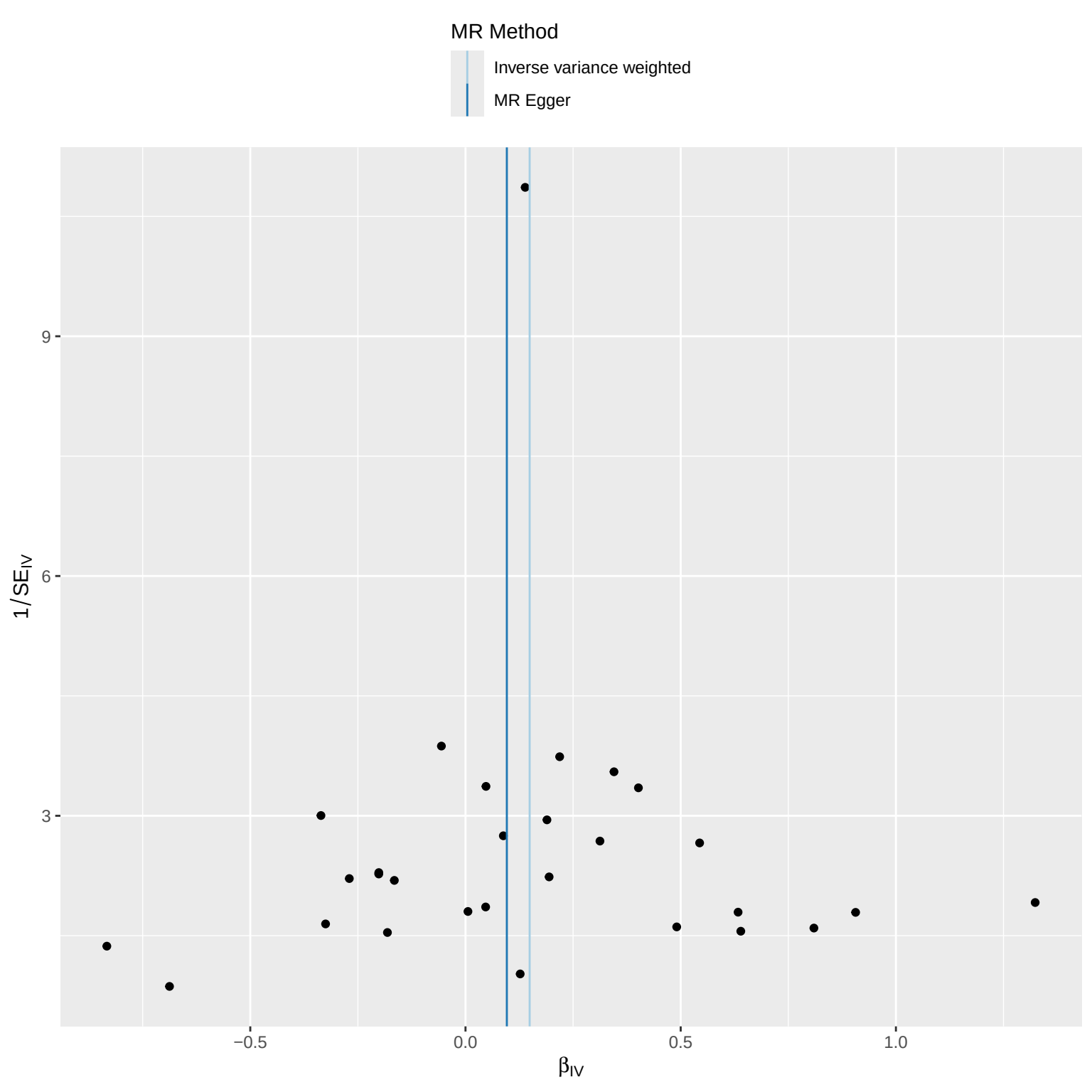

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
0
2
4
6
β_IV

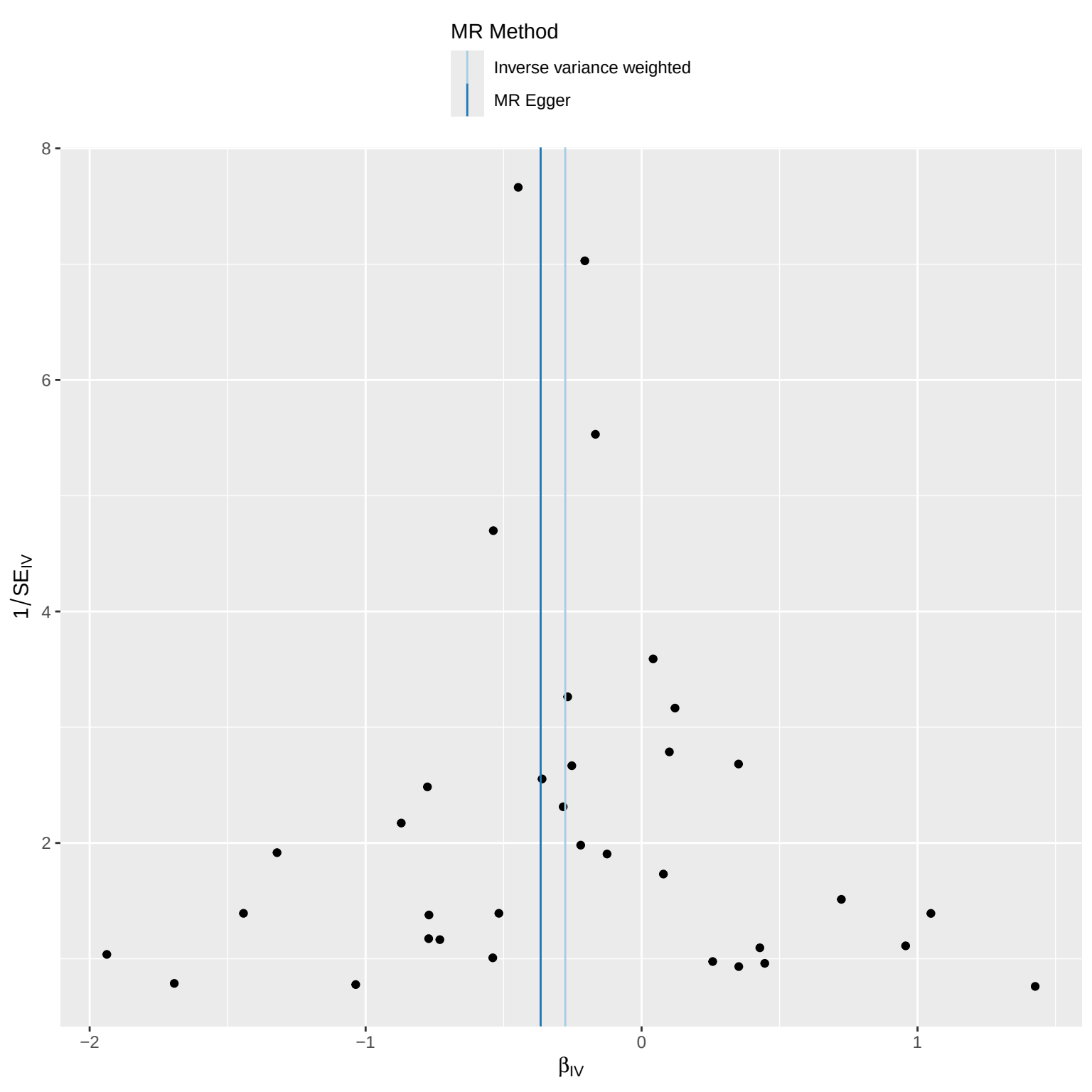

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

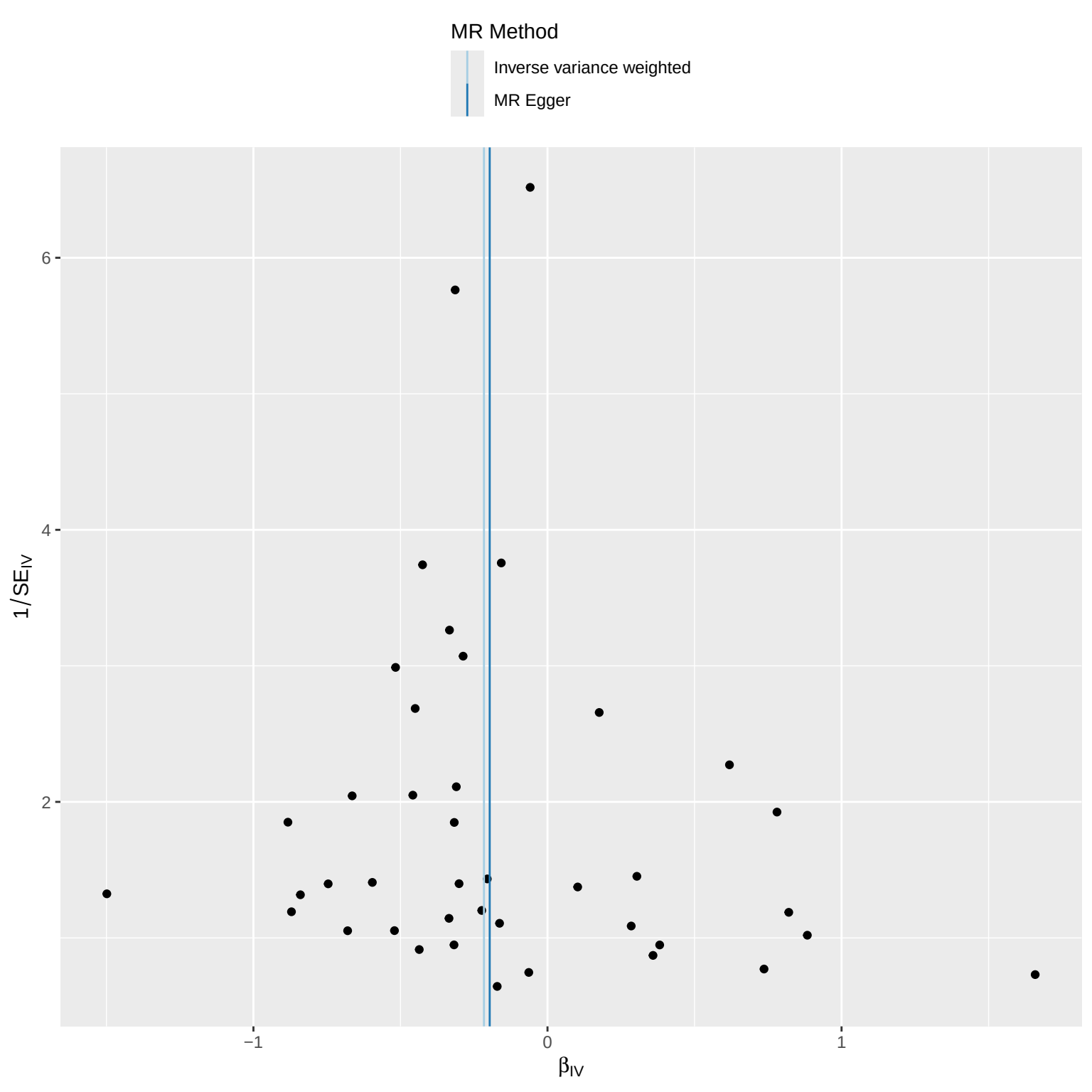

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

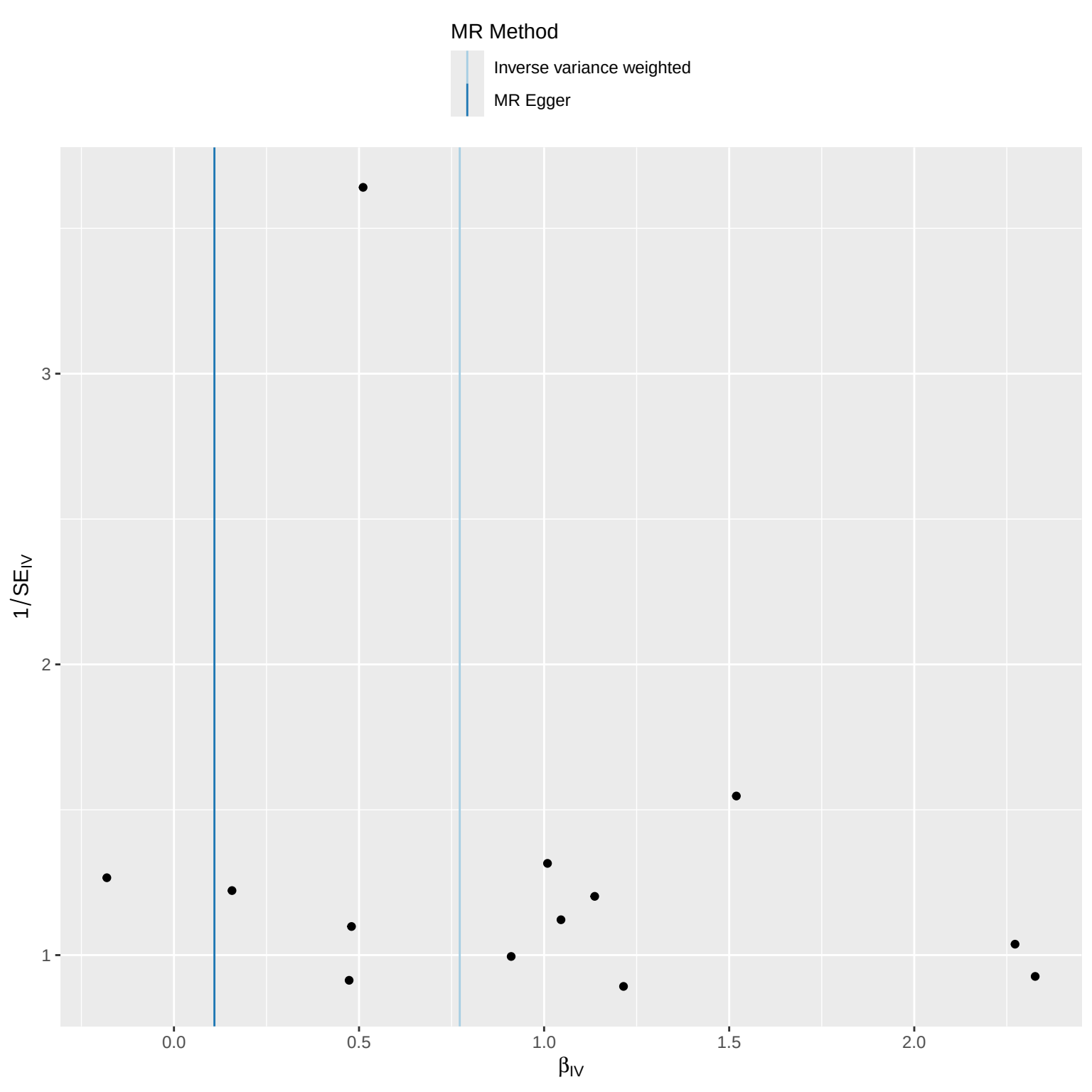

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

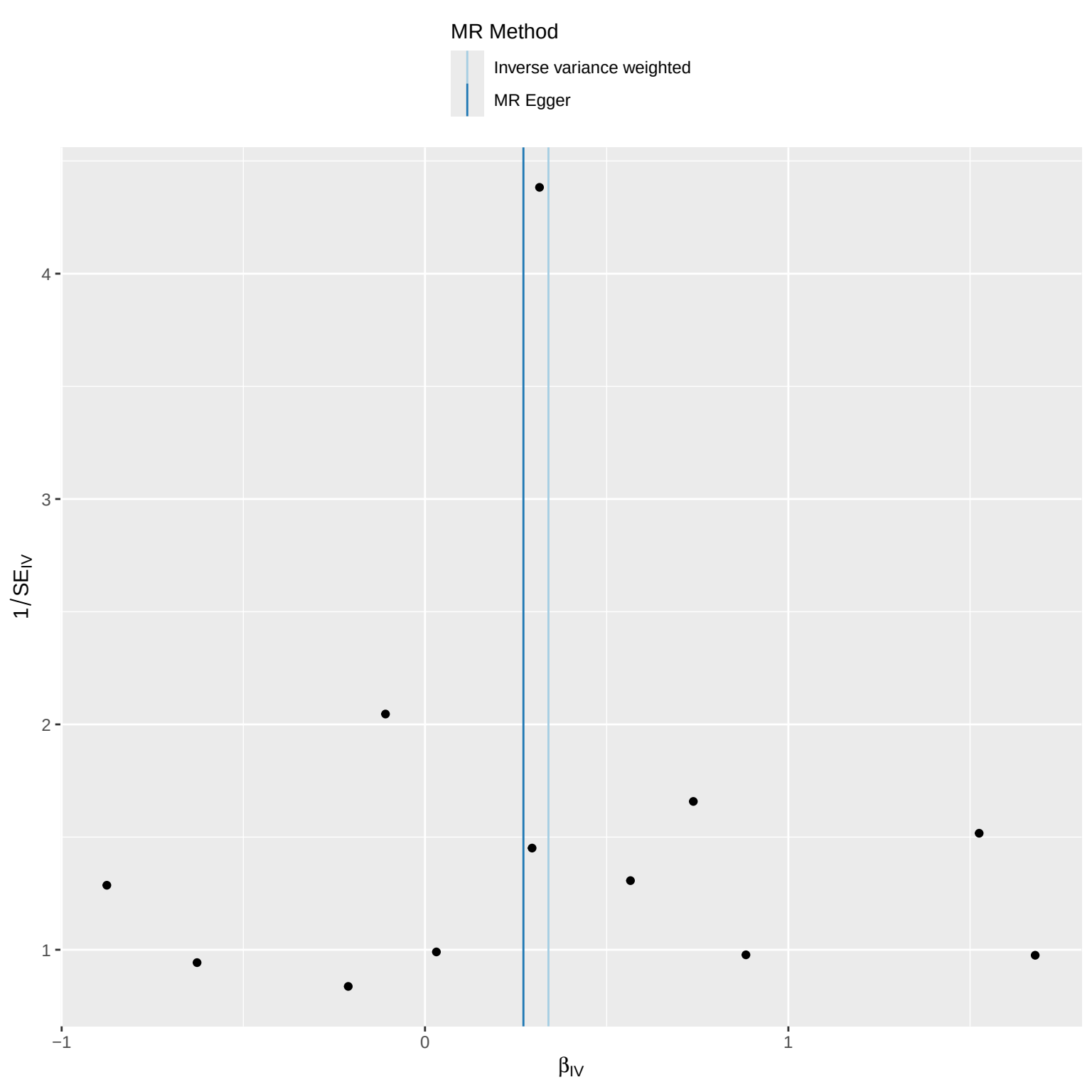

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

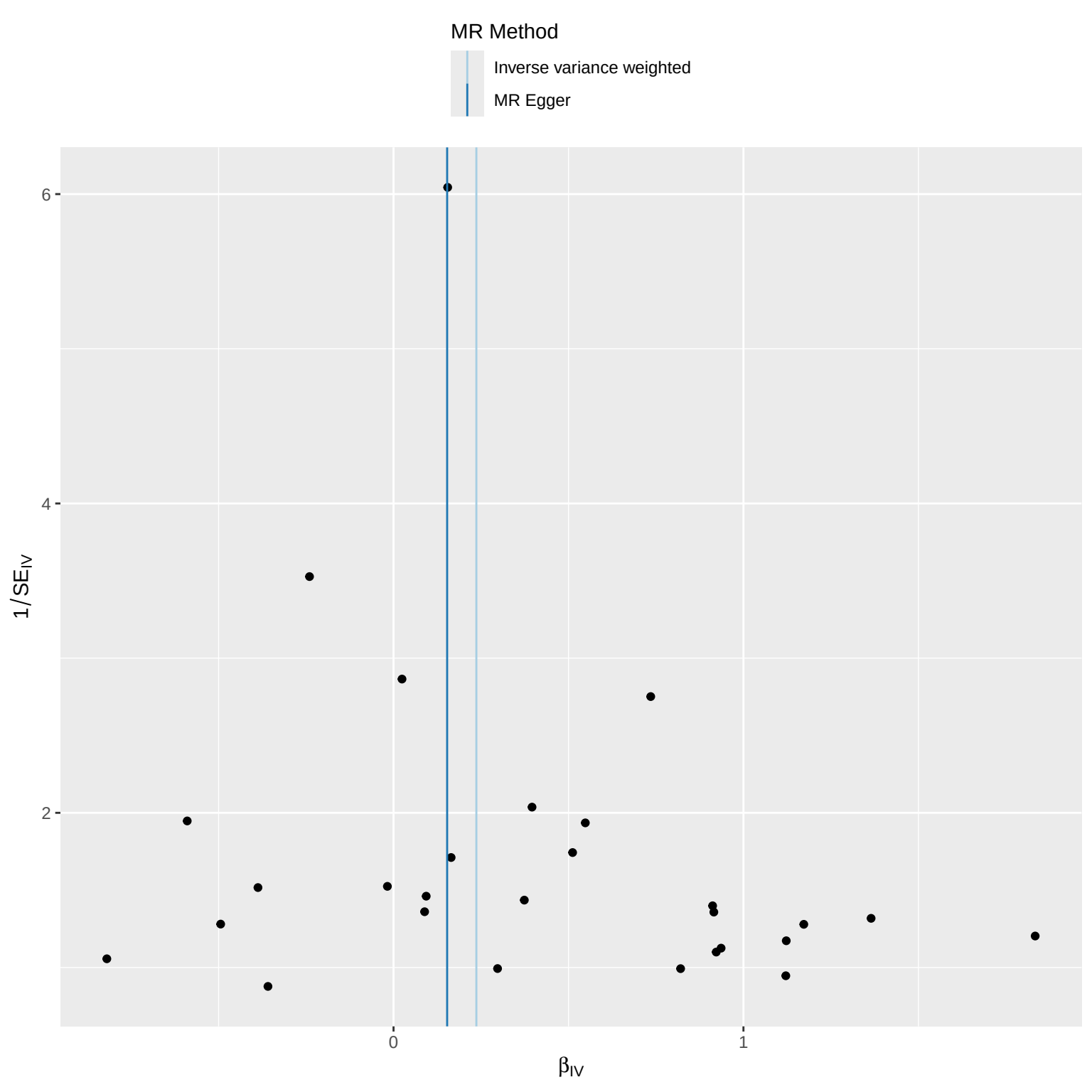

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

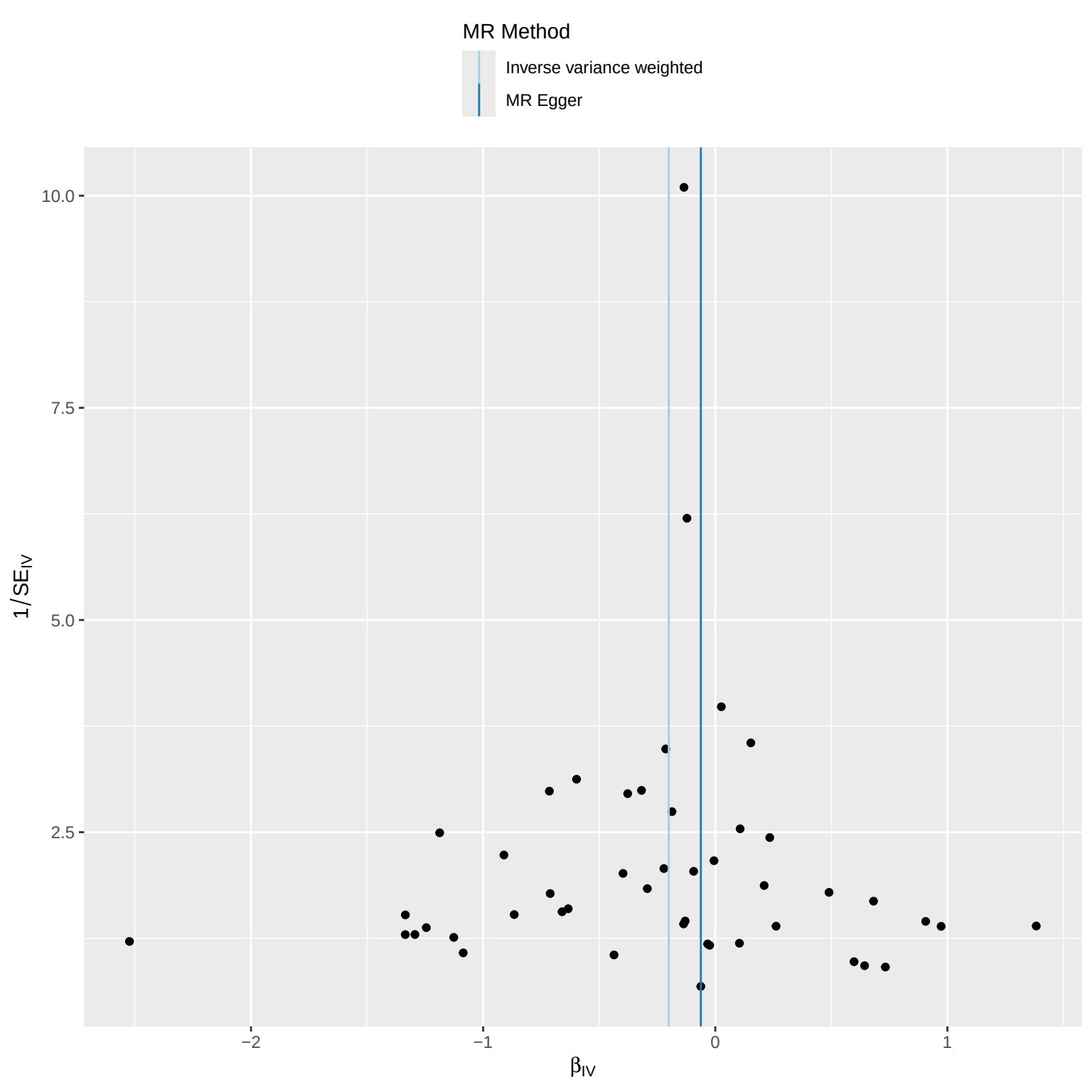

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

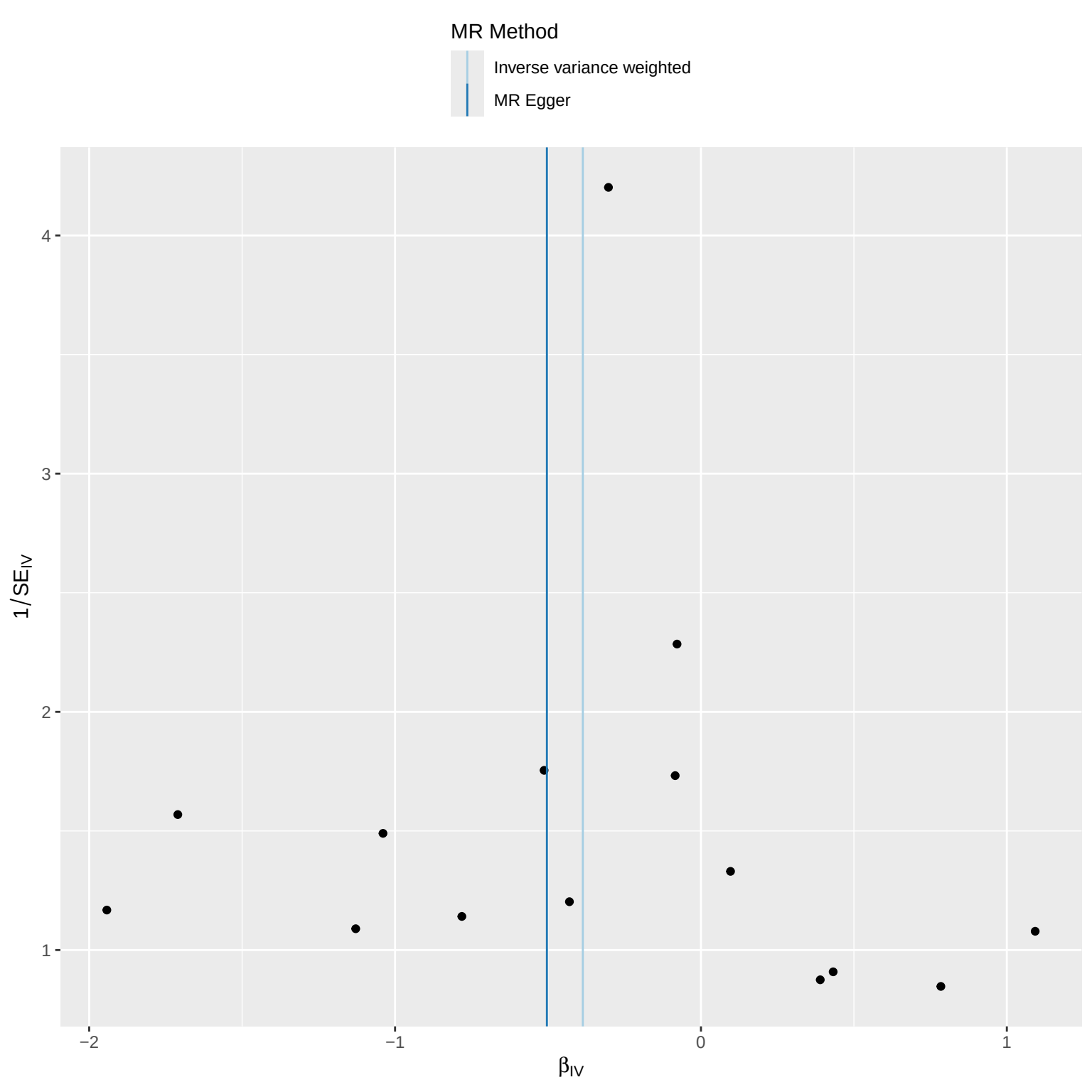

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

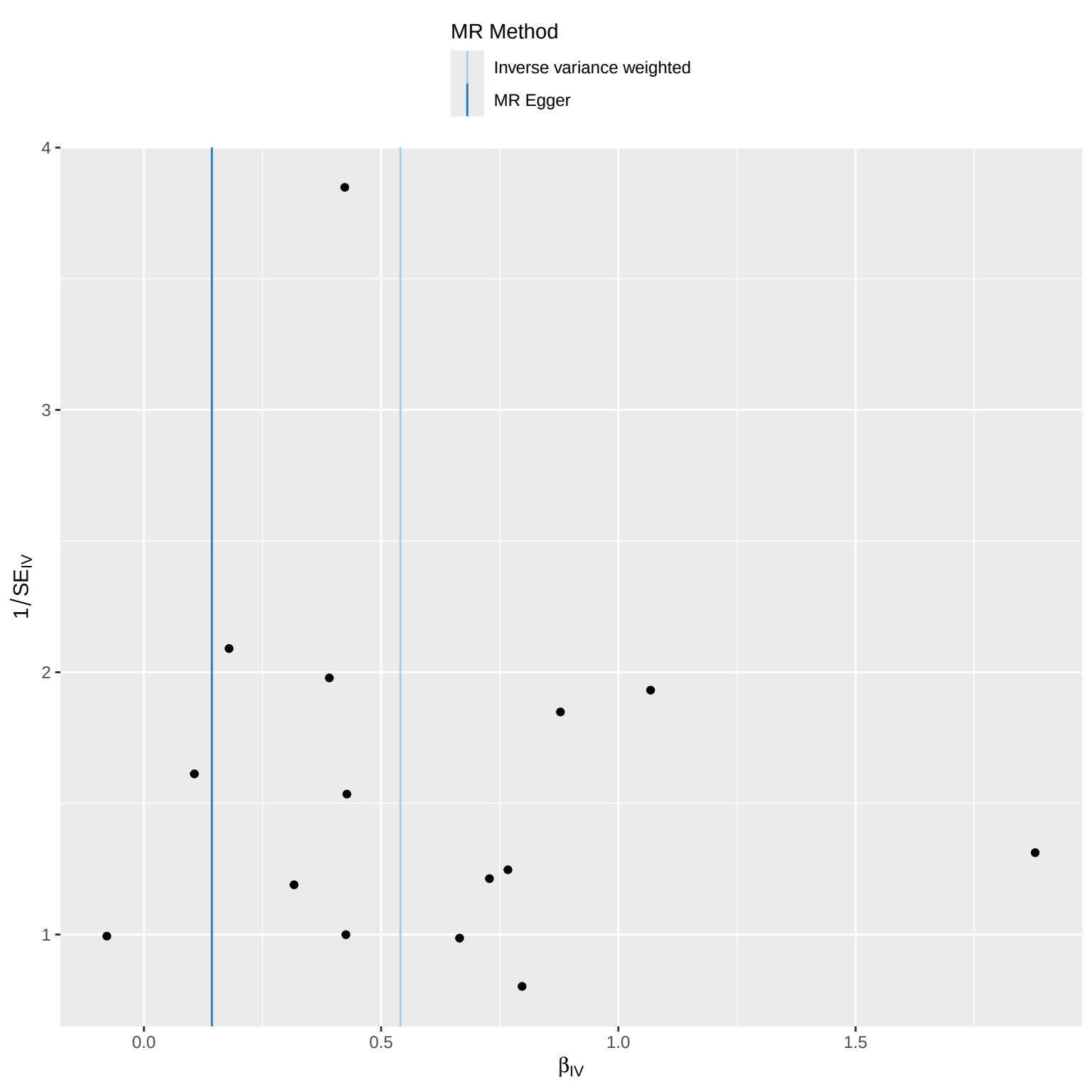

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

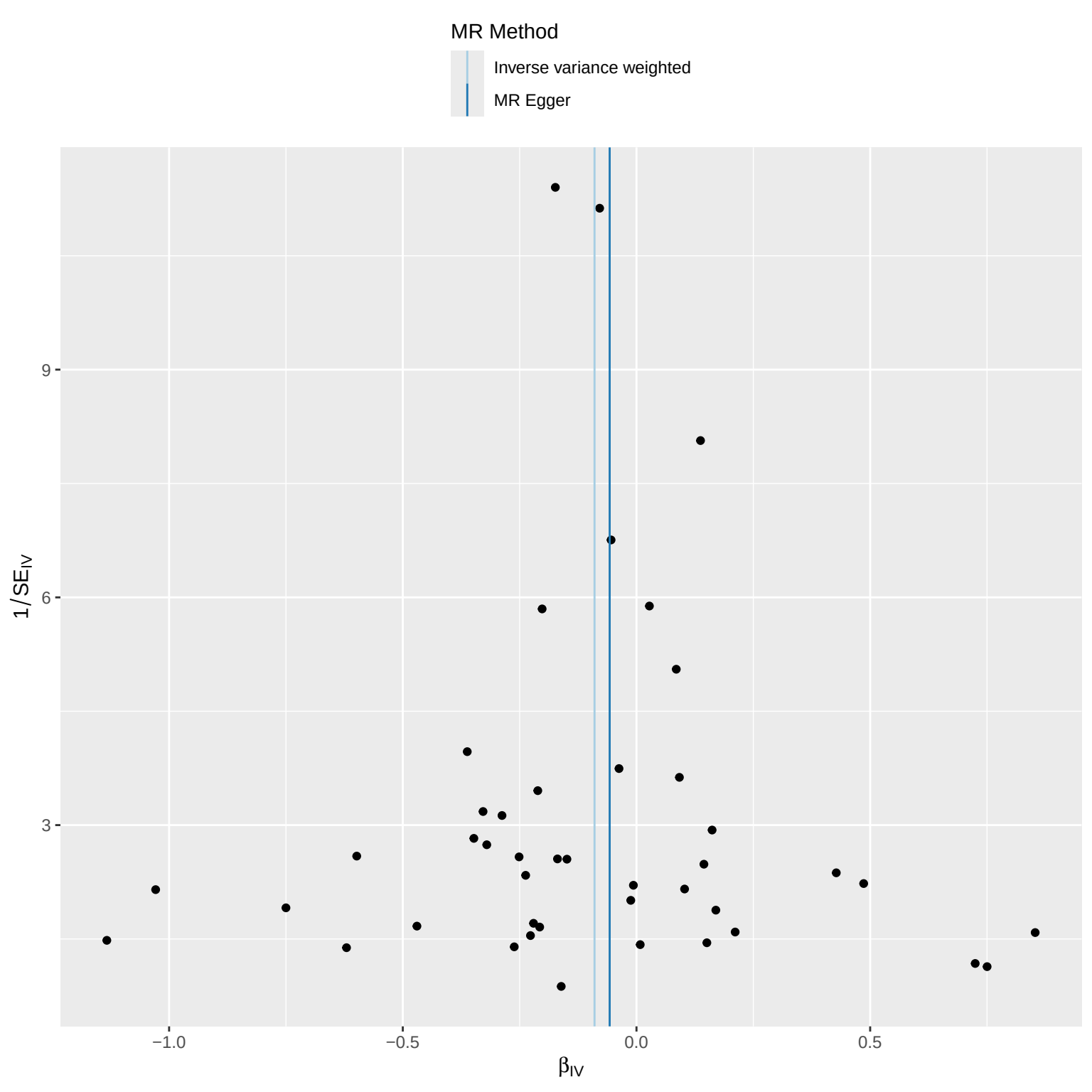

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

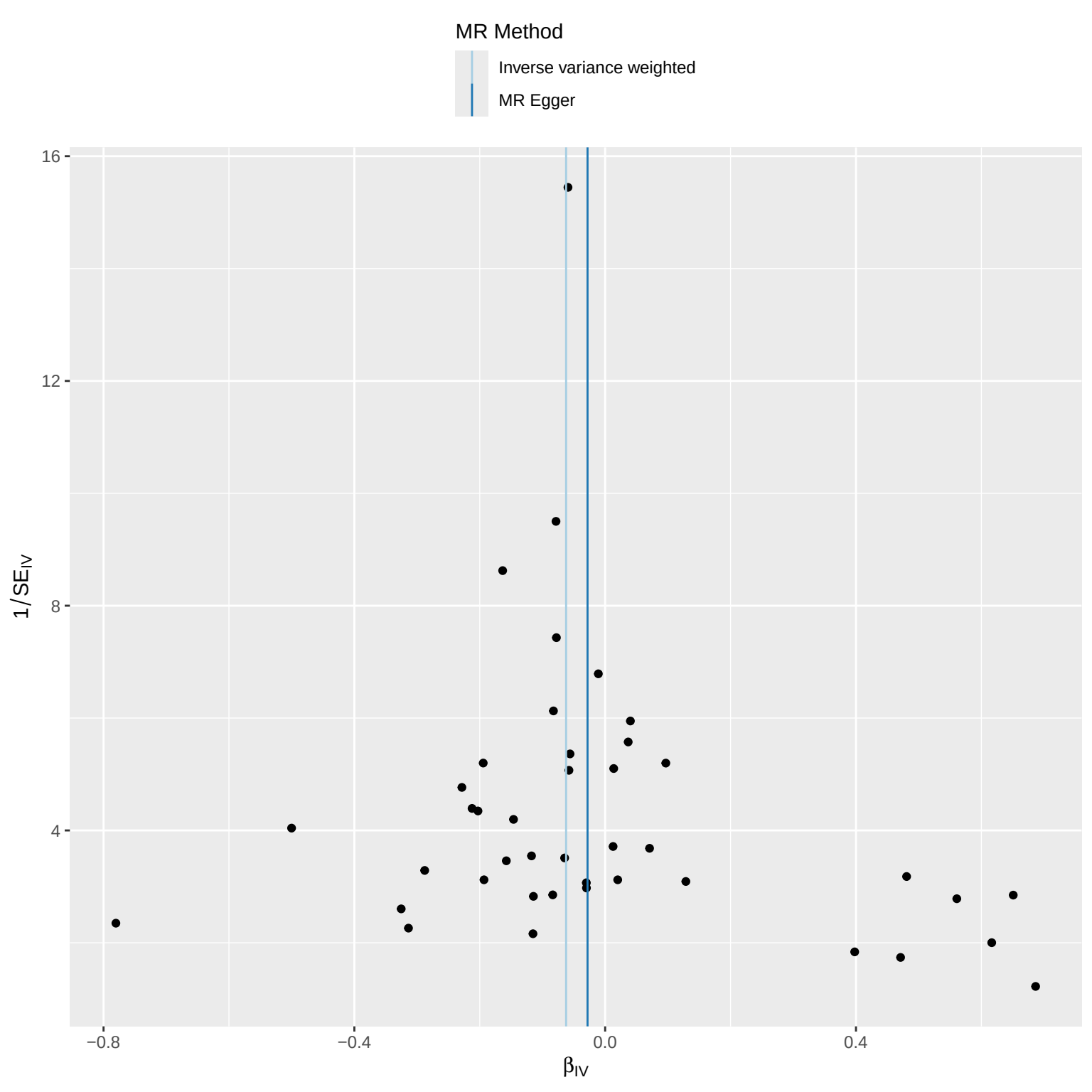

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1
1/SE_IV
β_IV

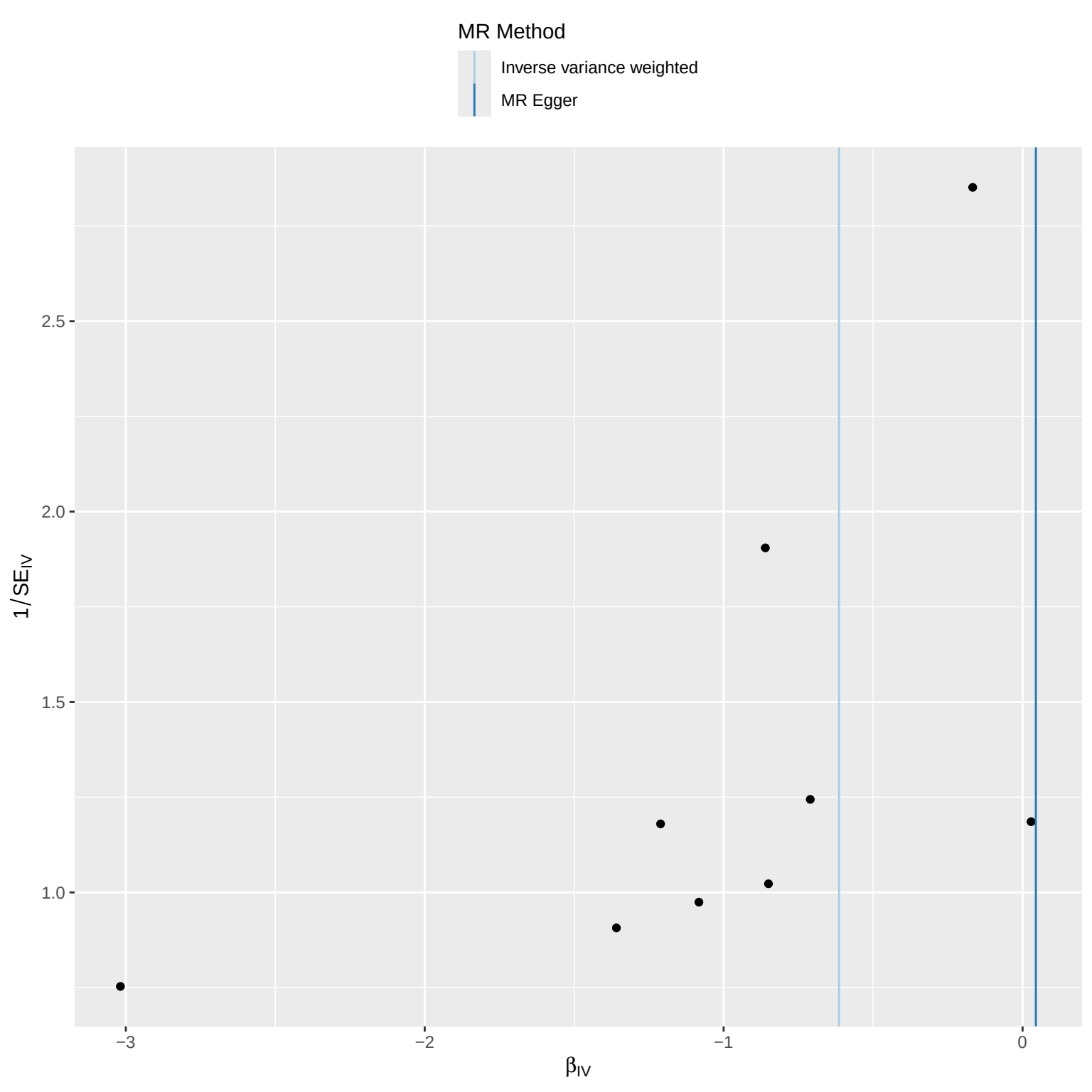

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

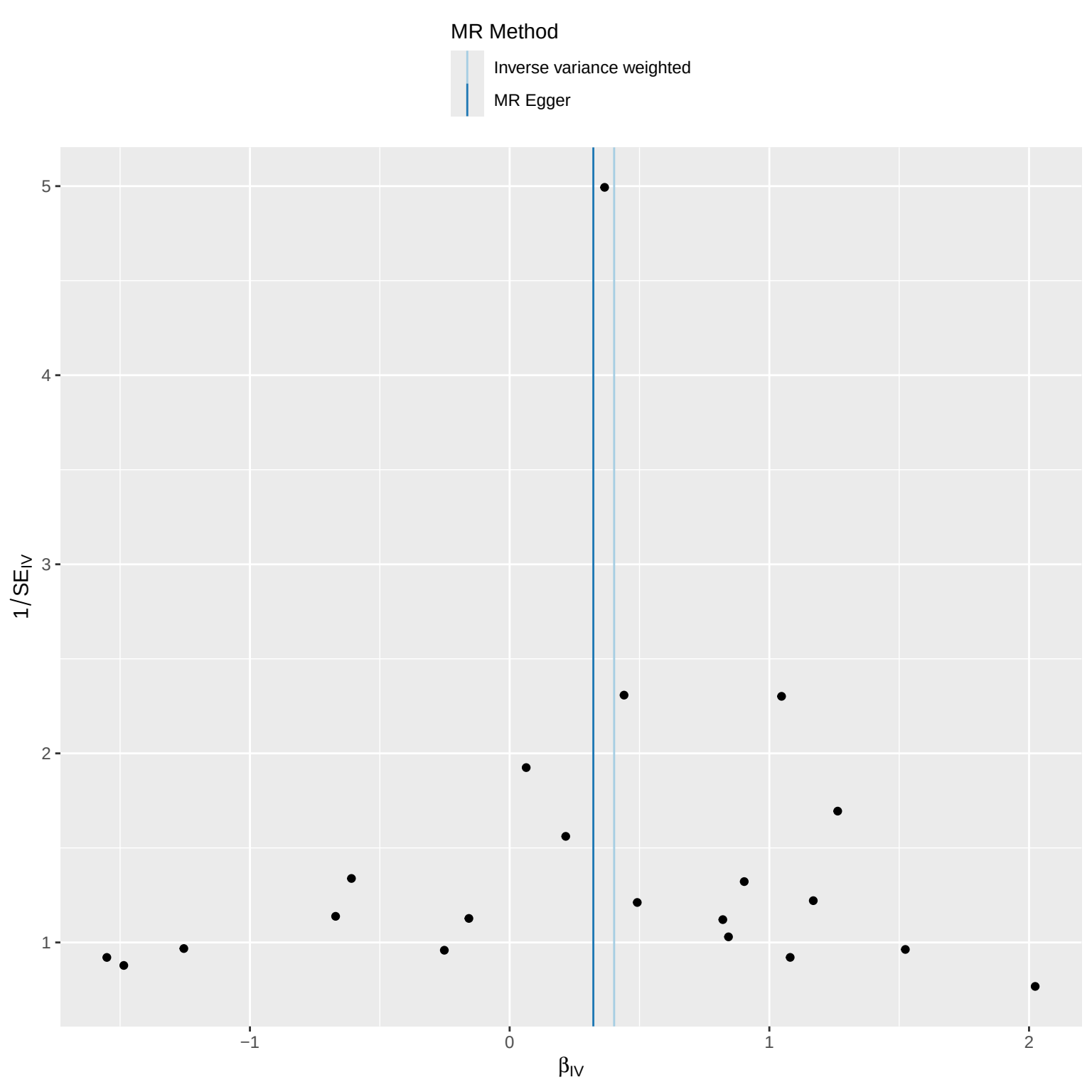

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

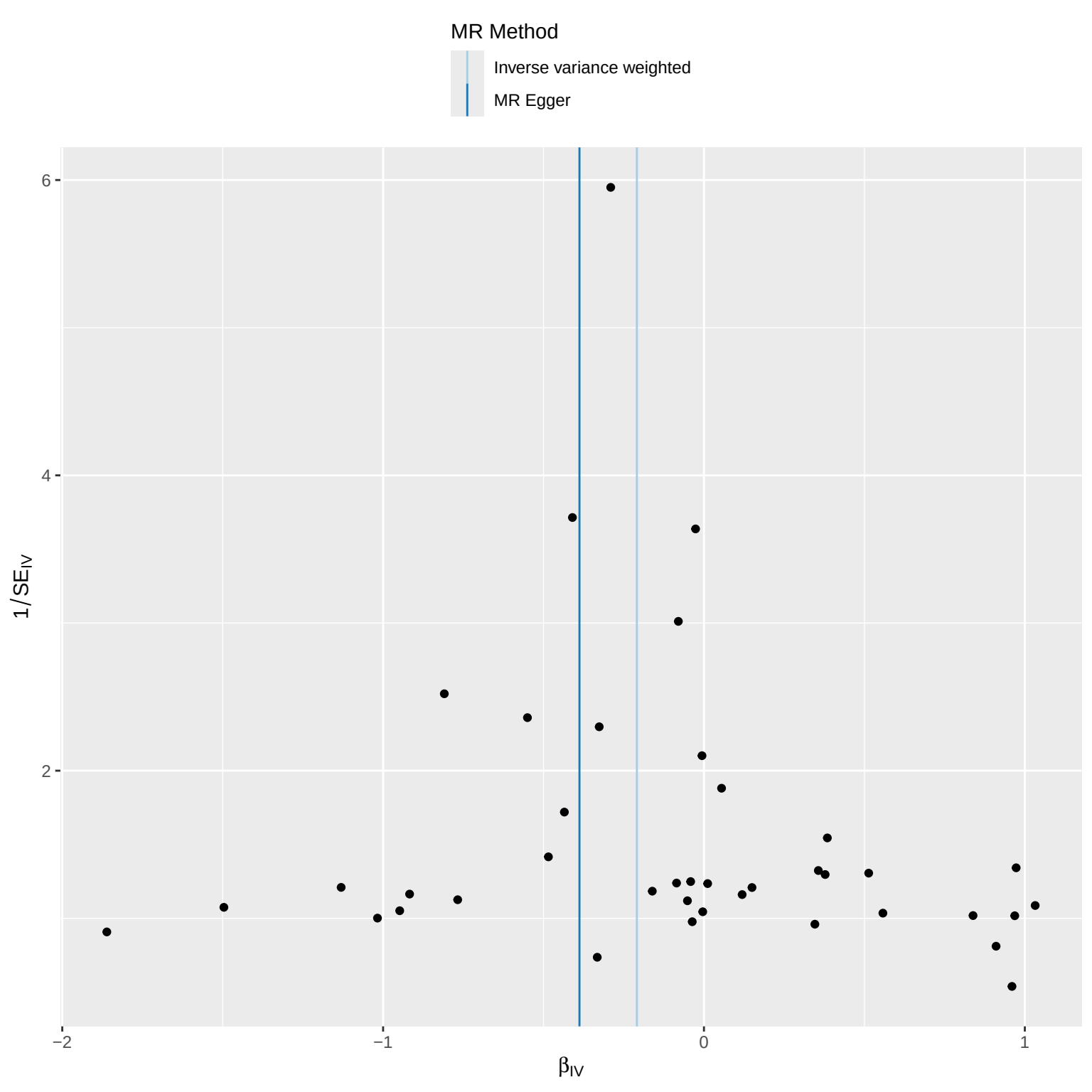

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

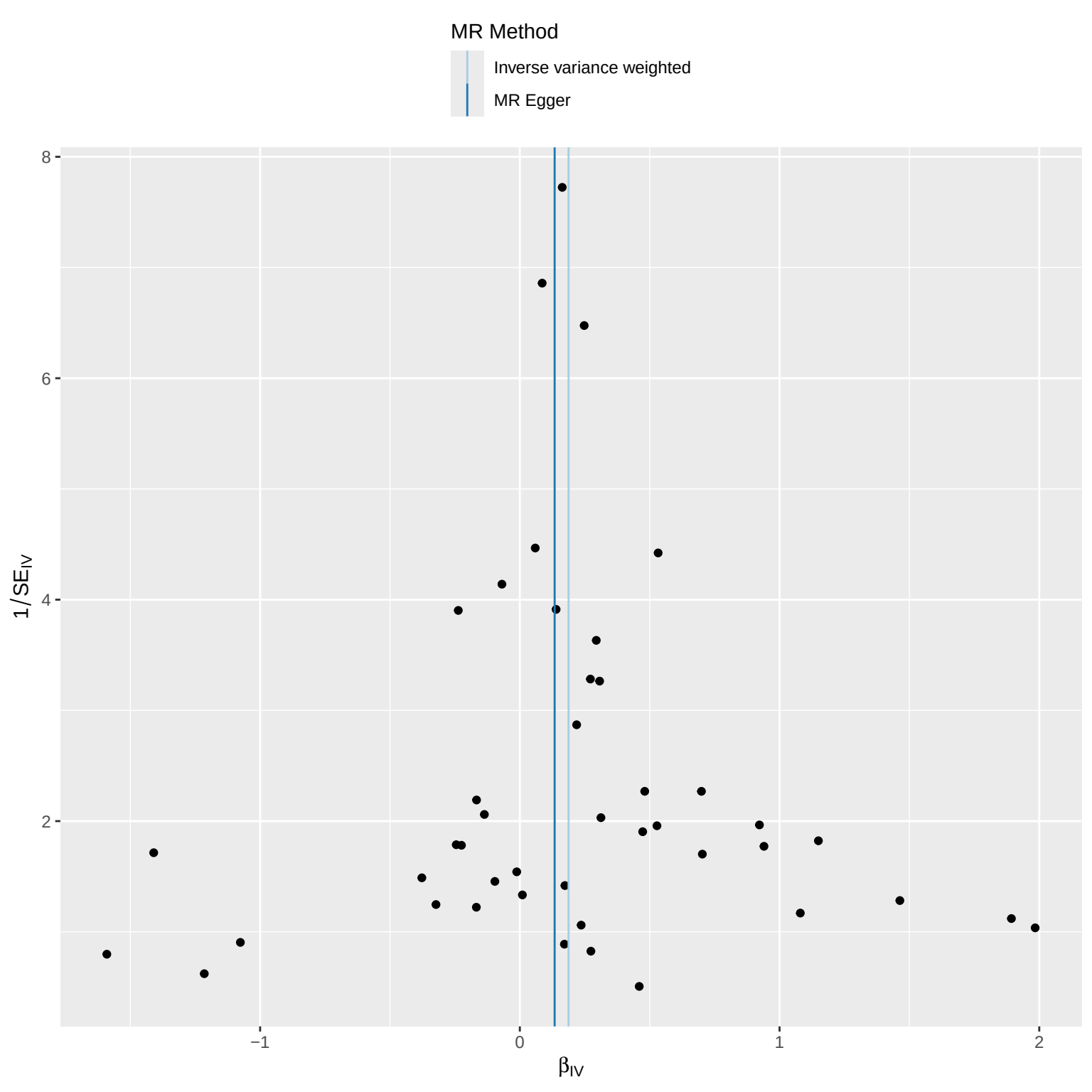

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

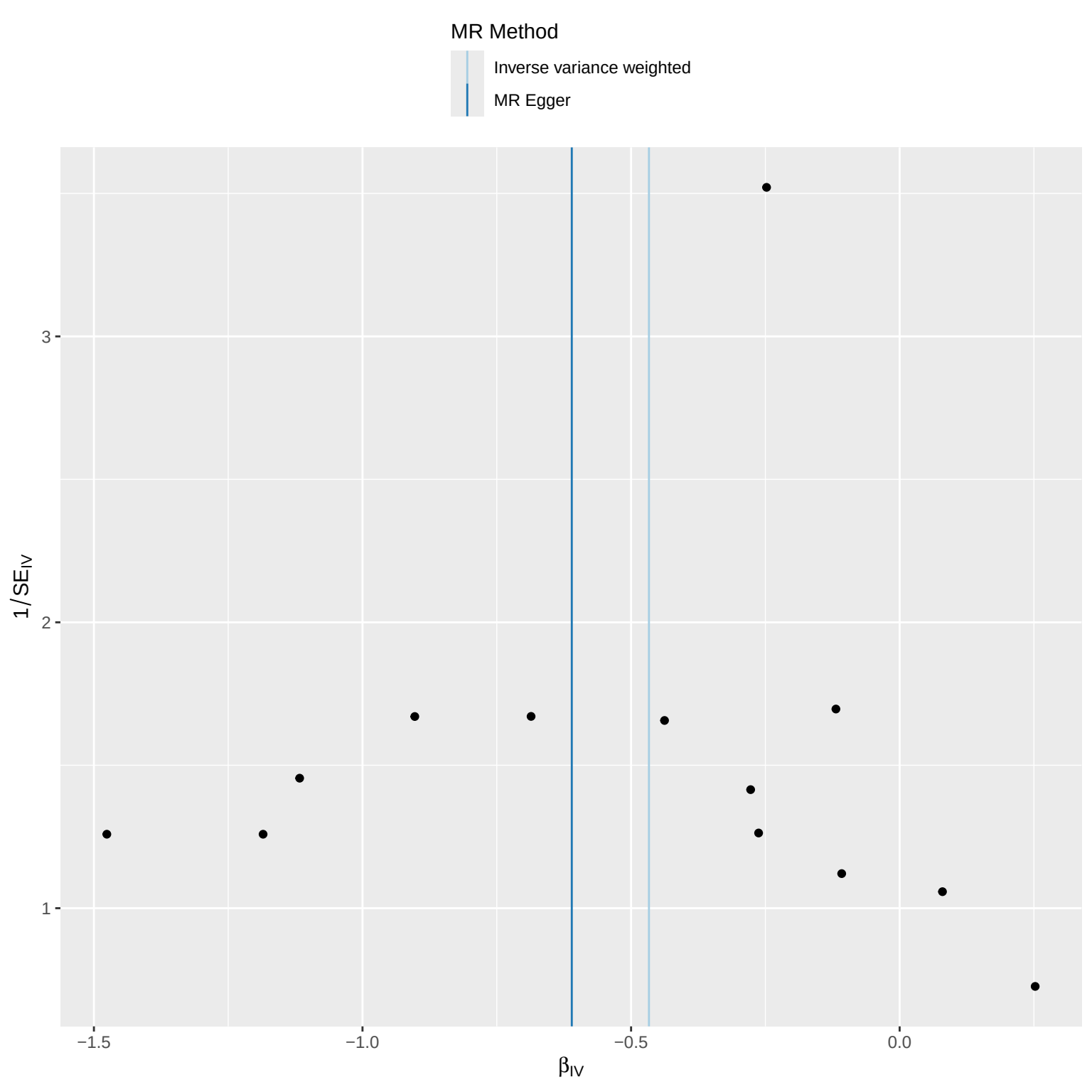

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

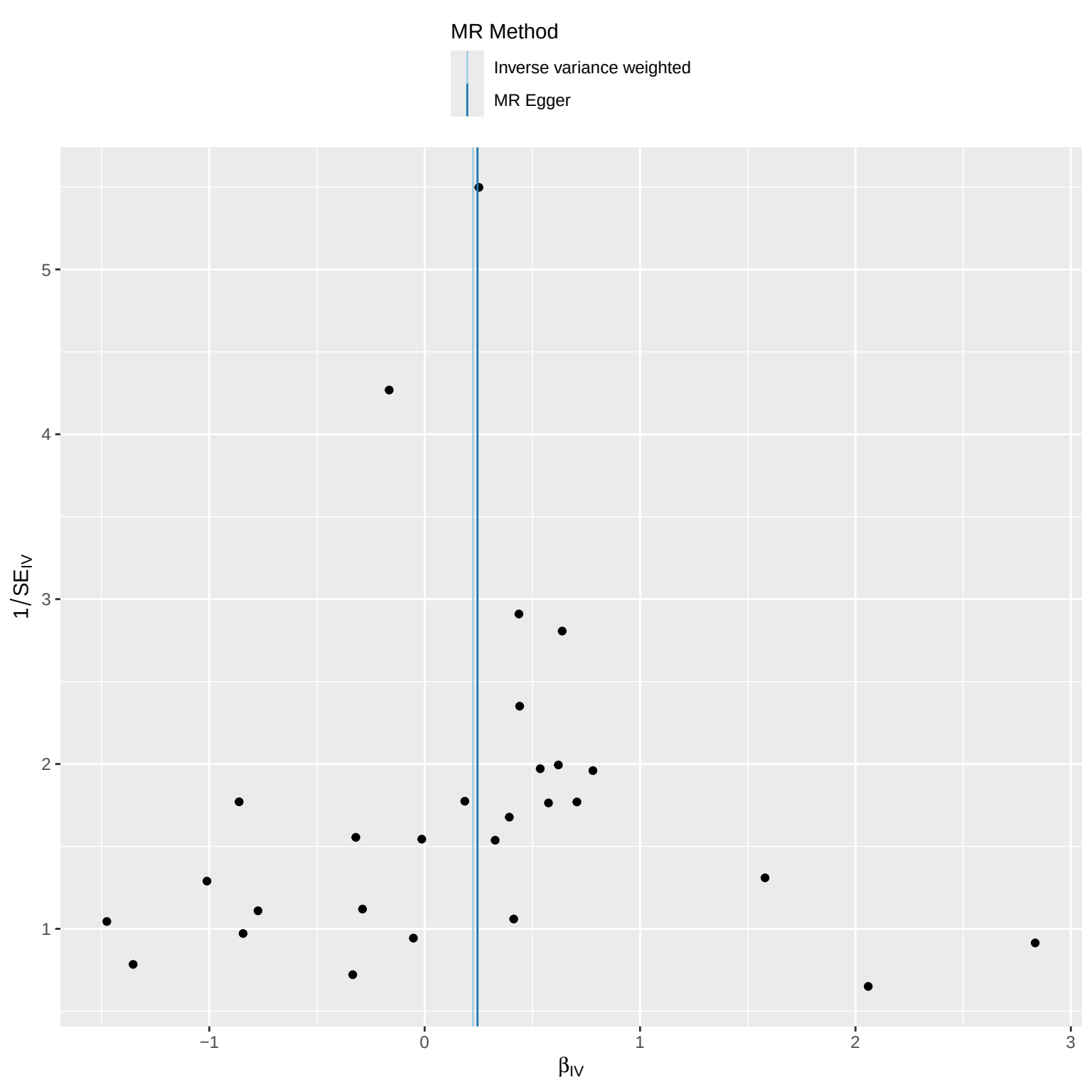

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

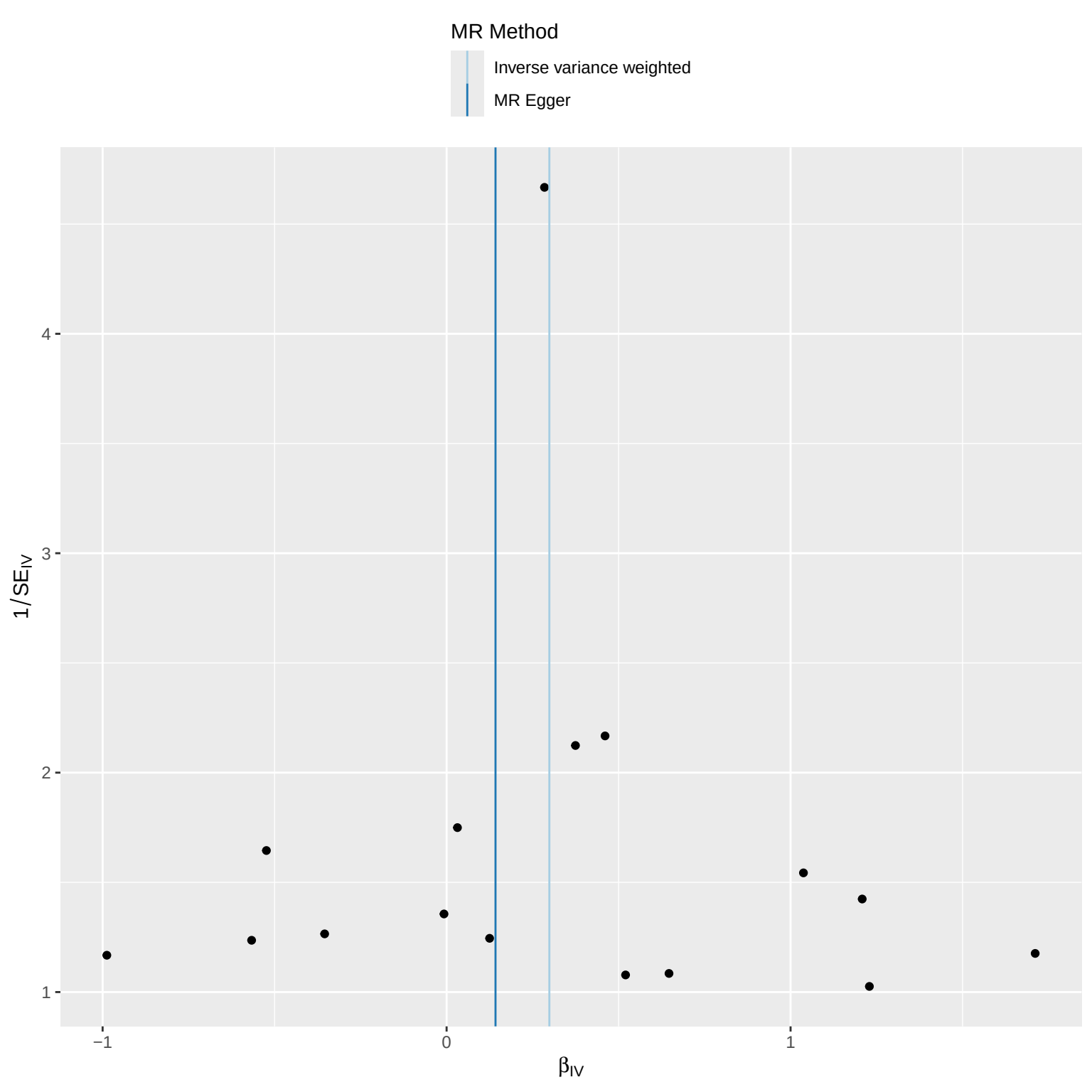

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

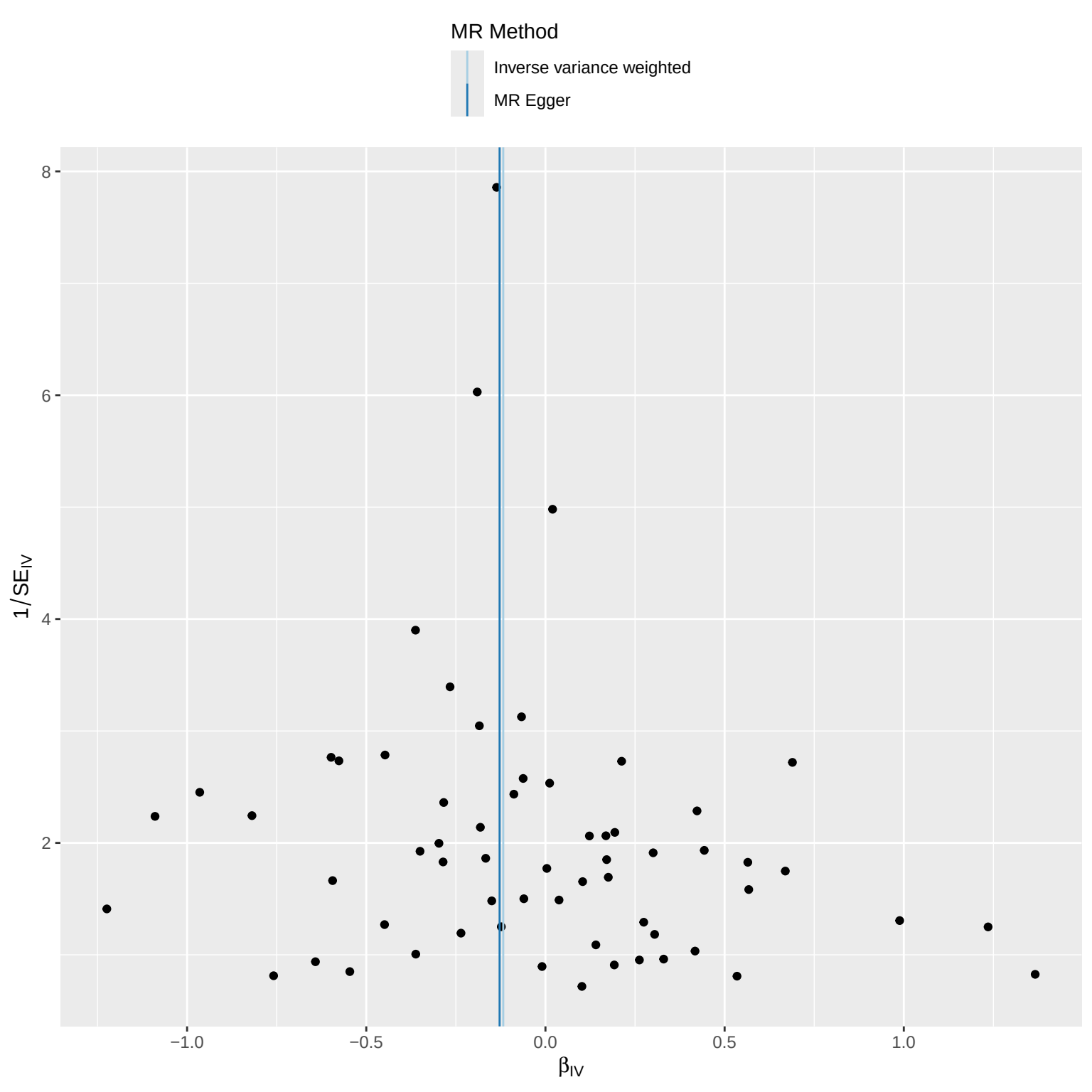

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

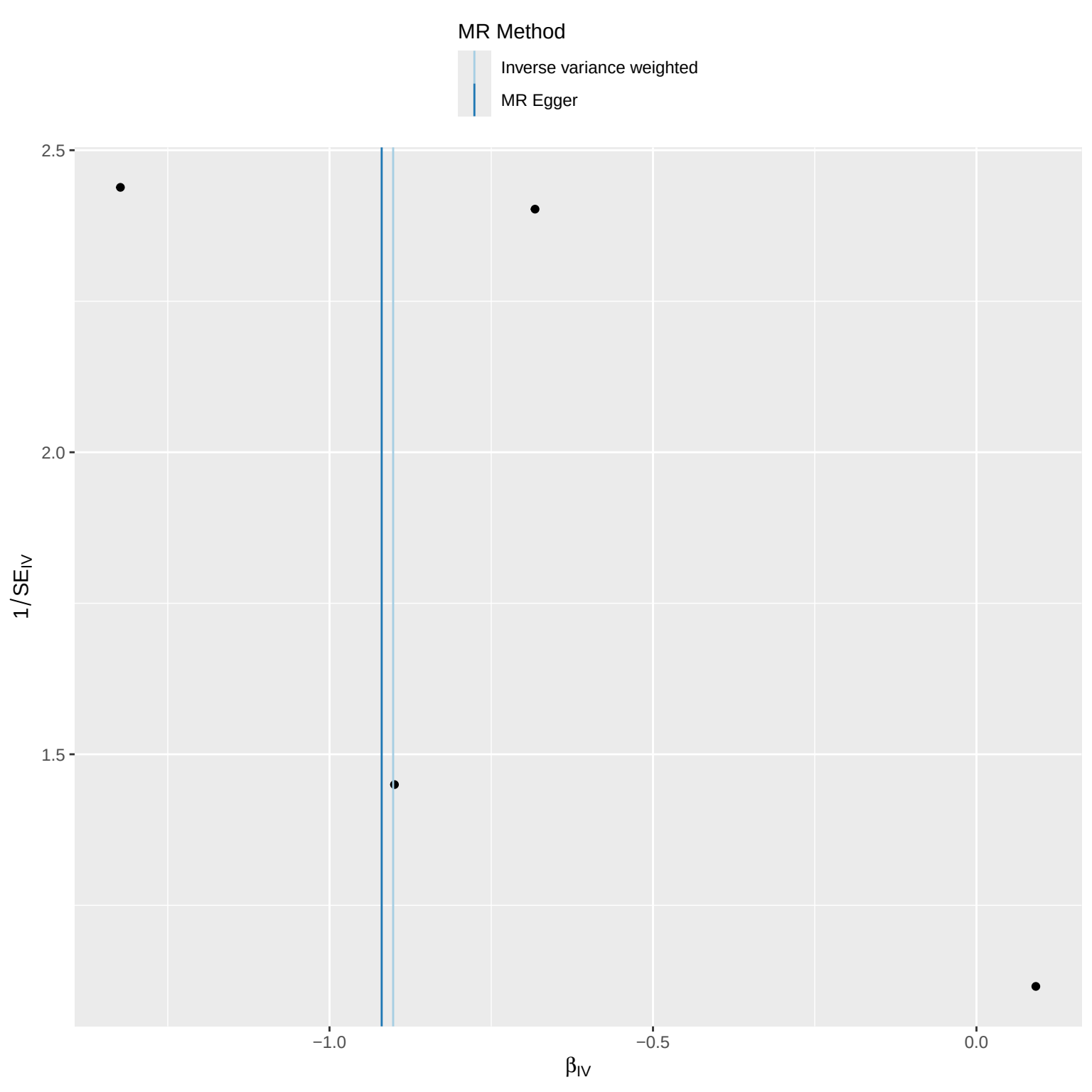

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

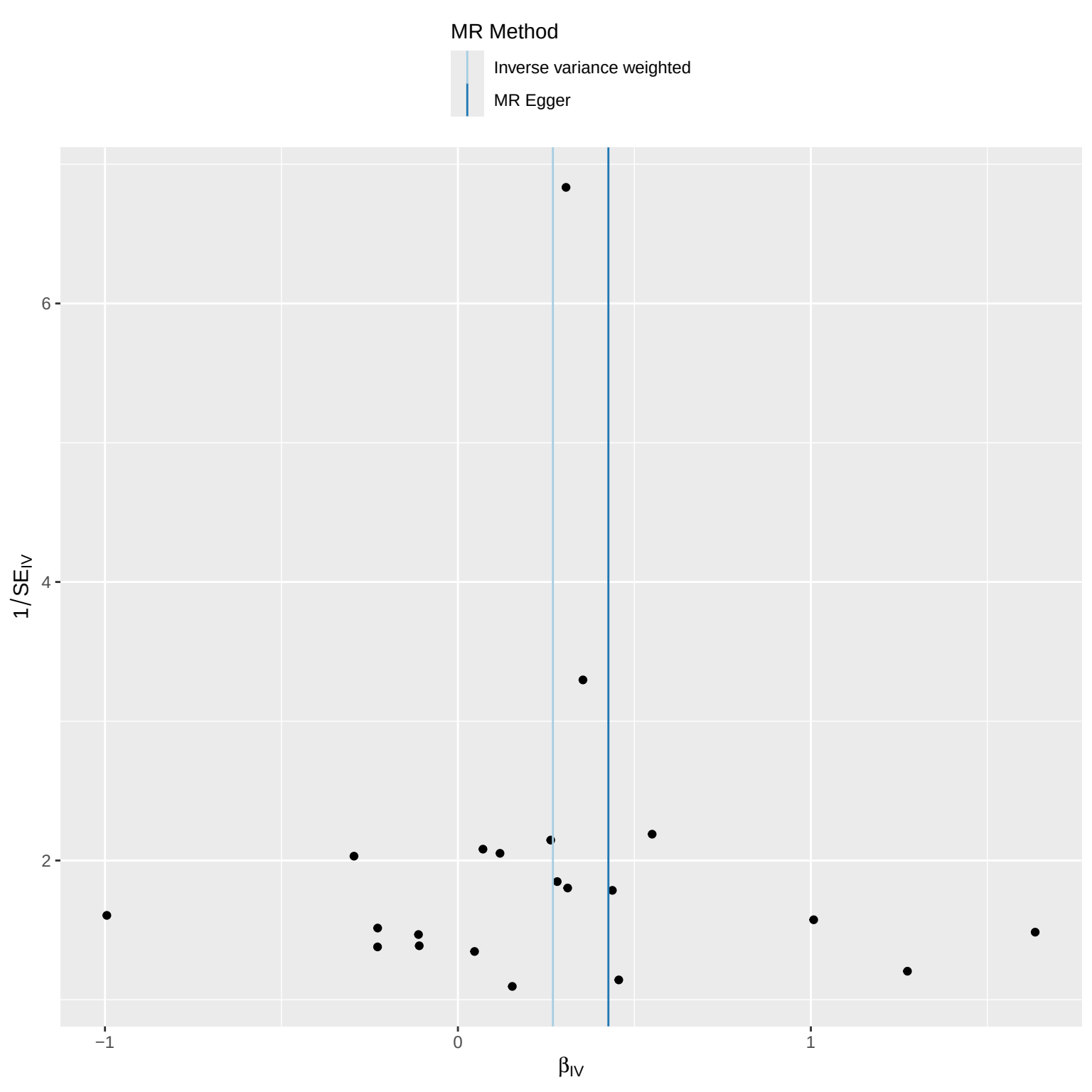

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

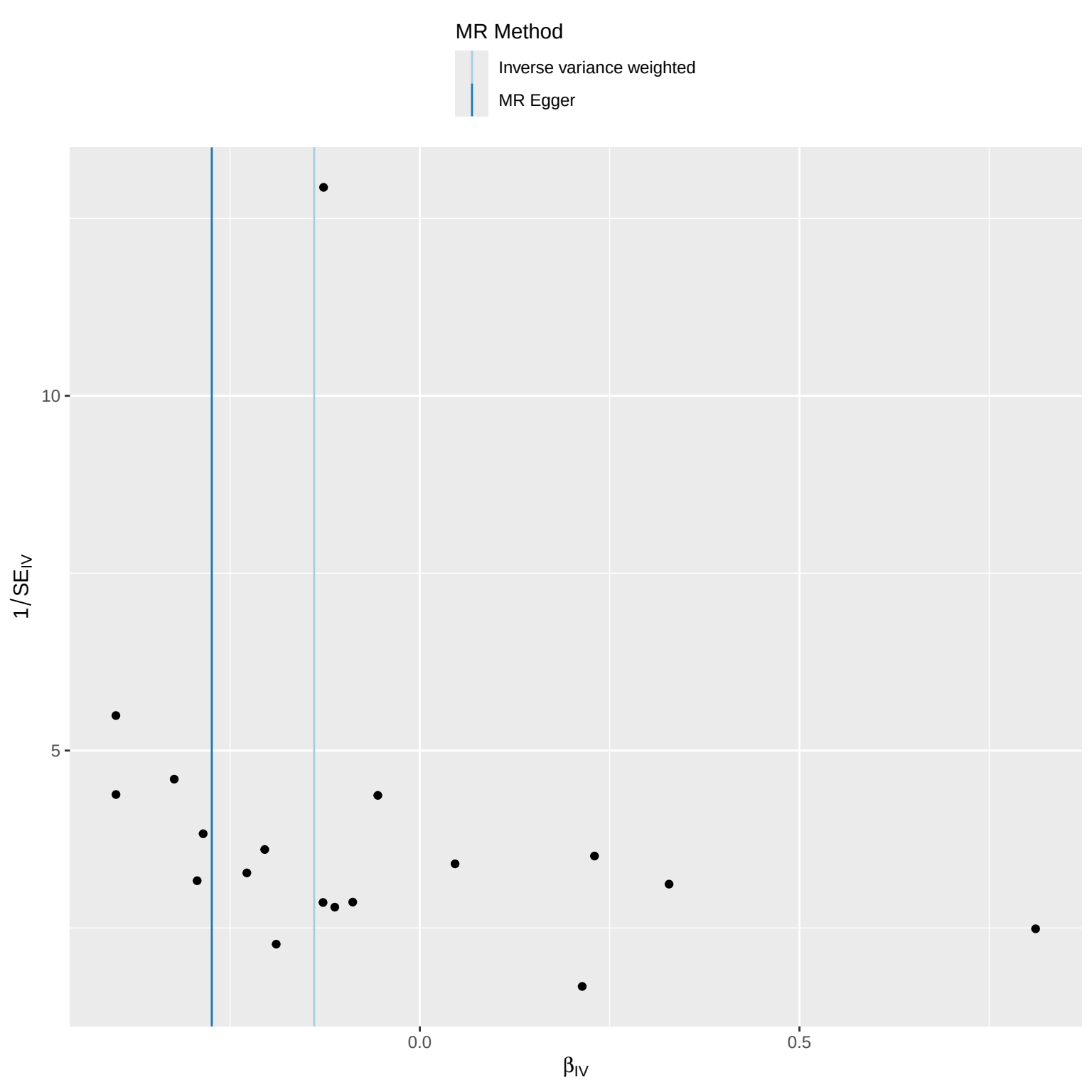

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

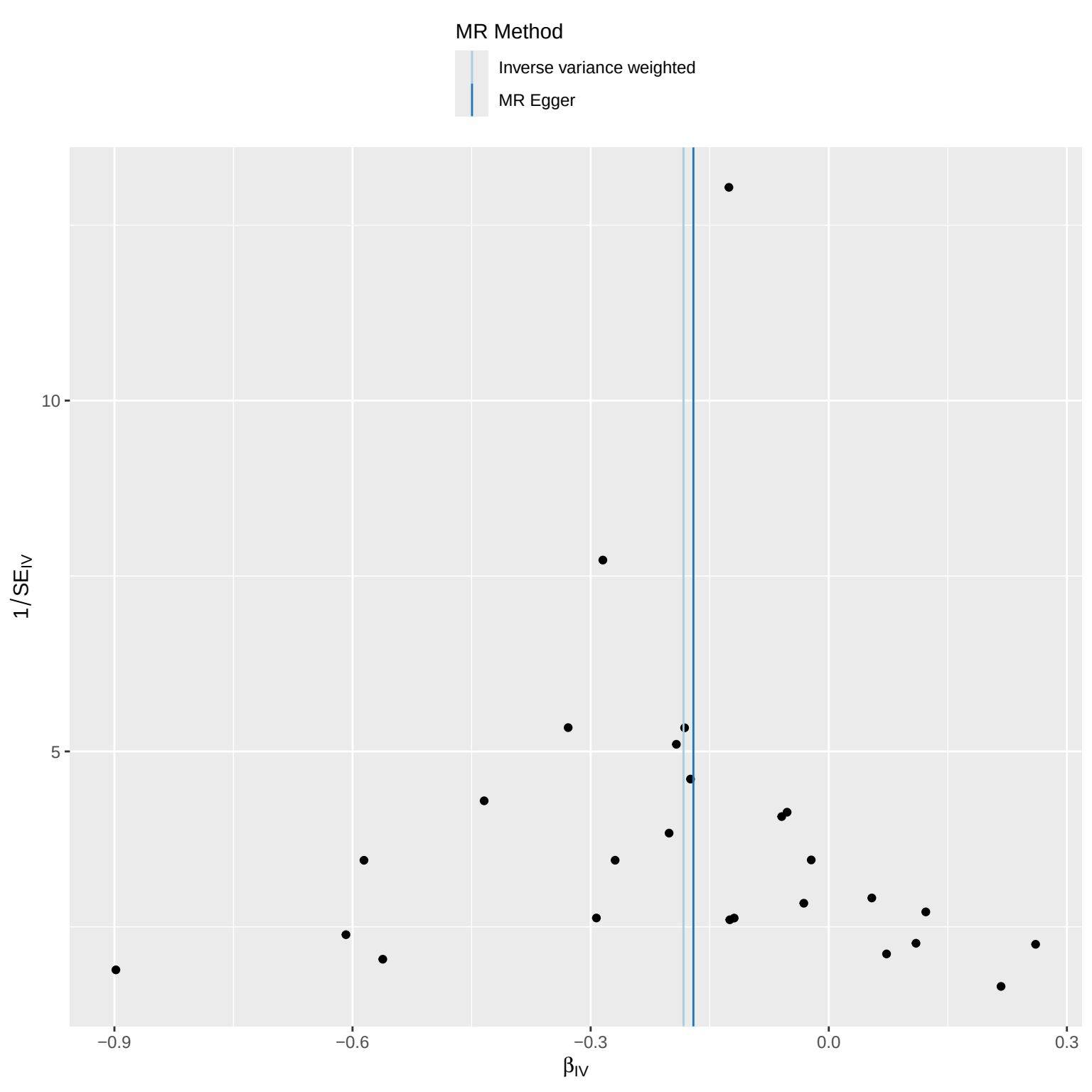

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

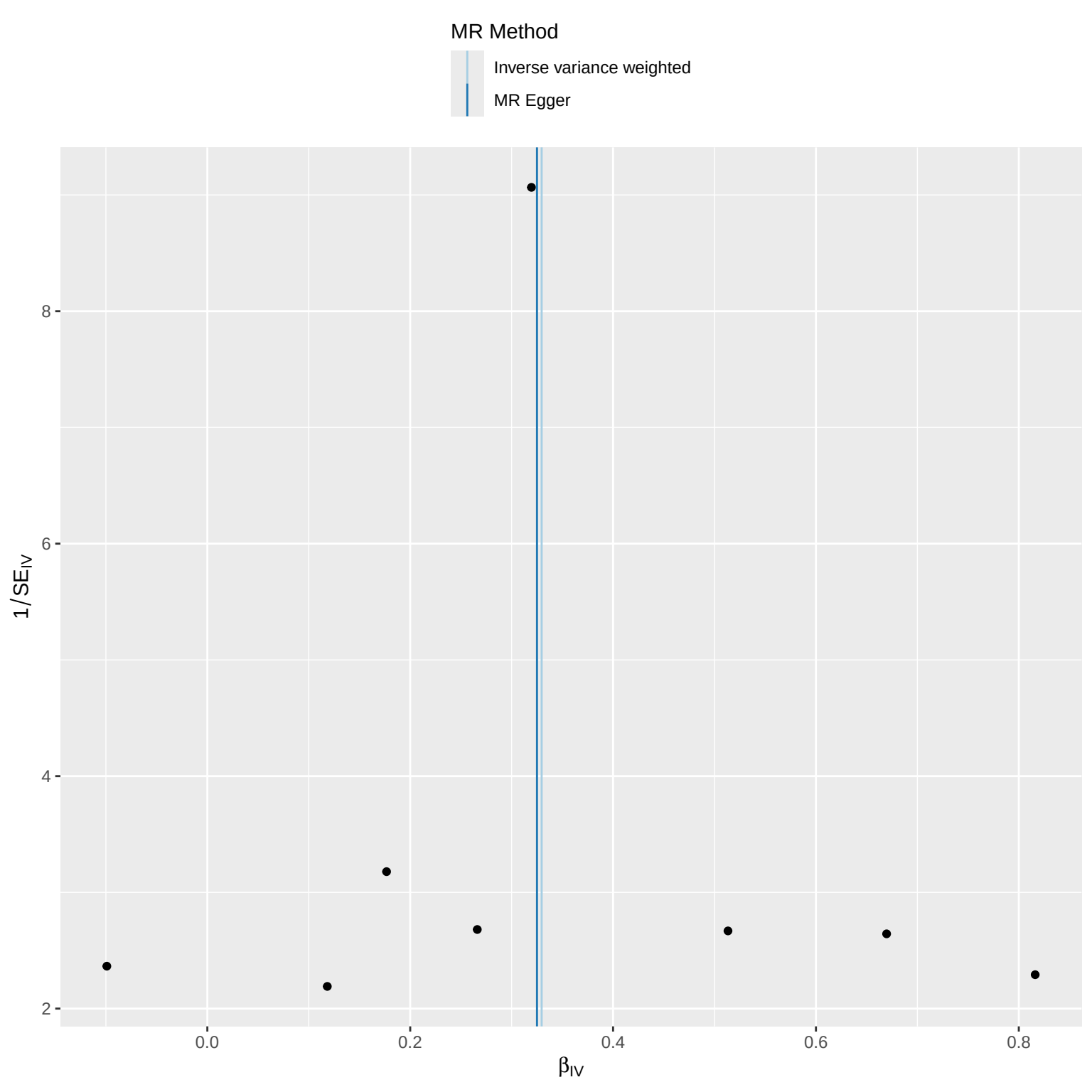

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

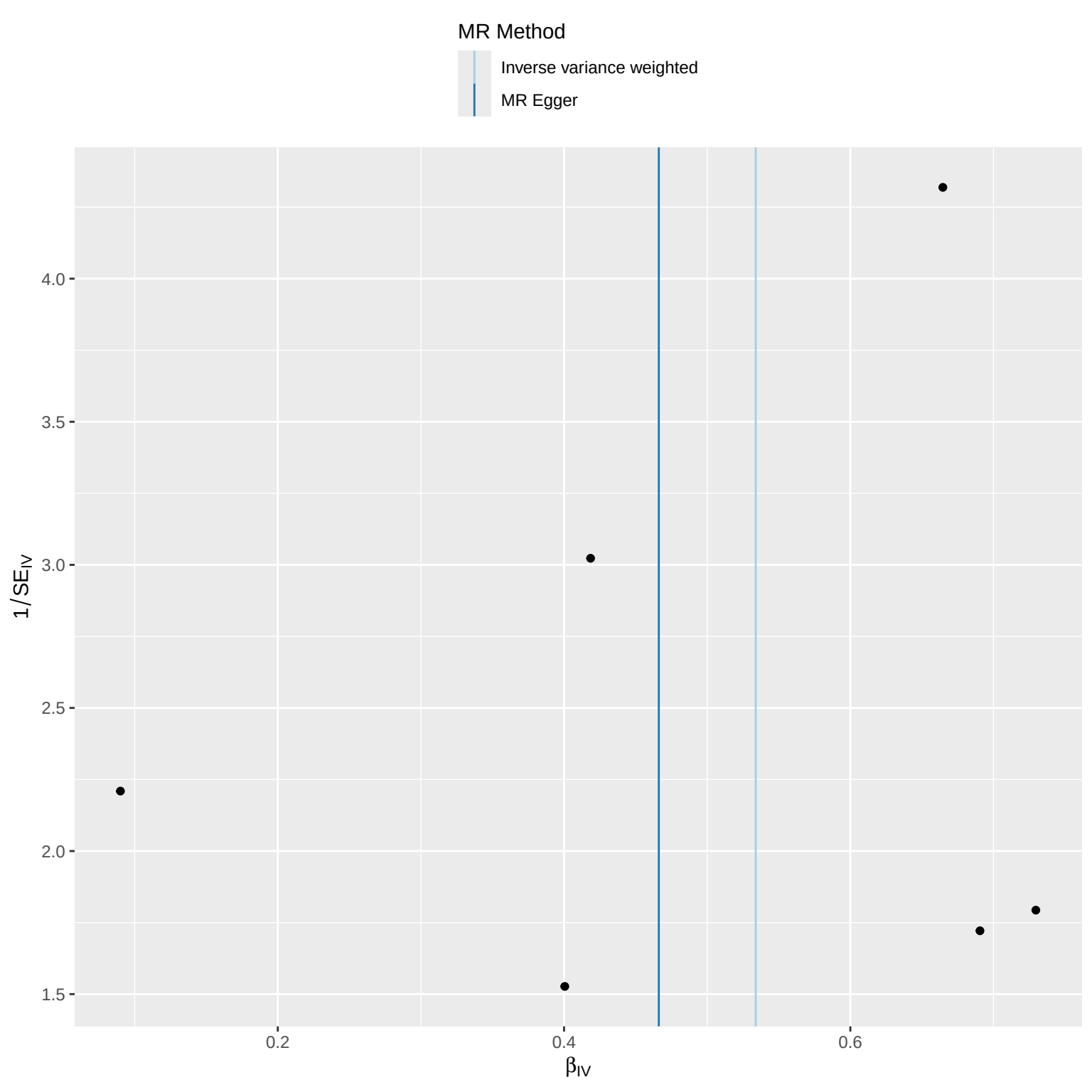

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
β_IV

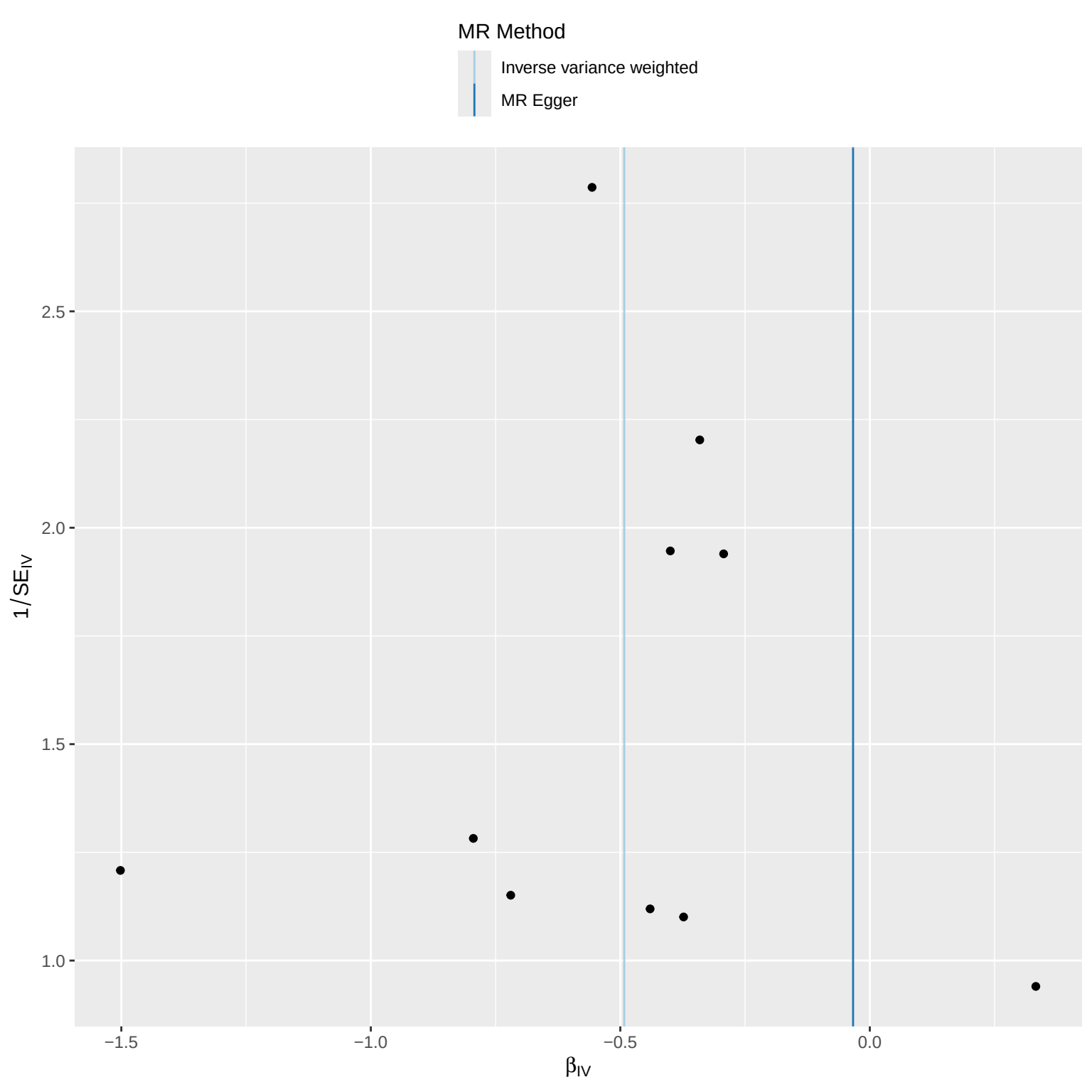

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

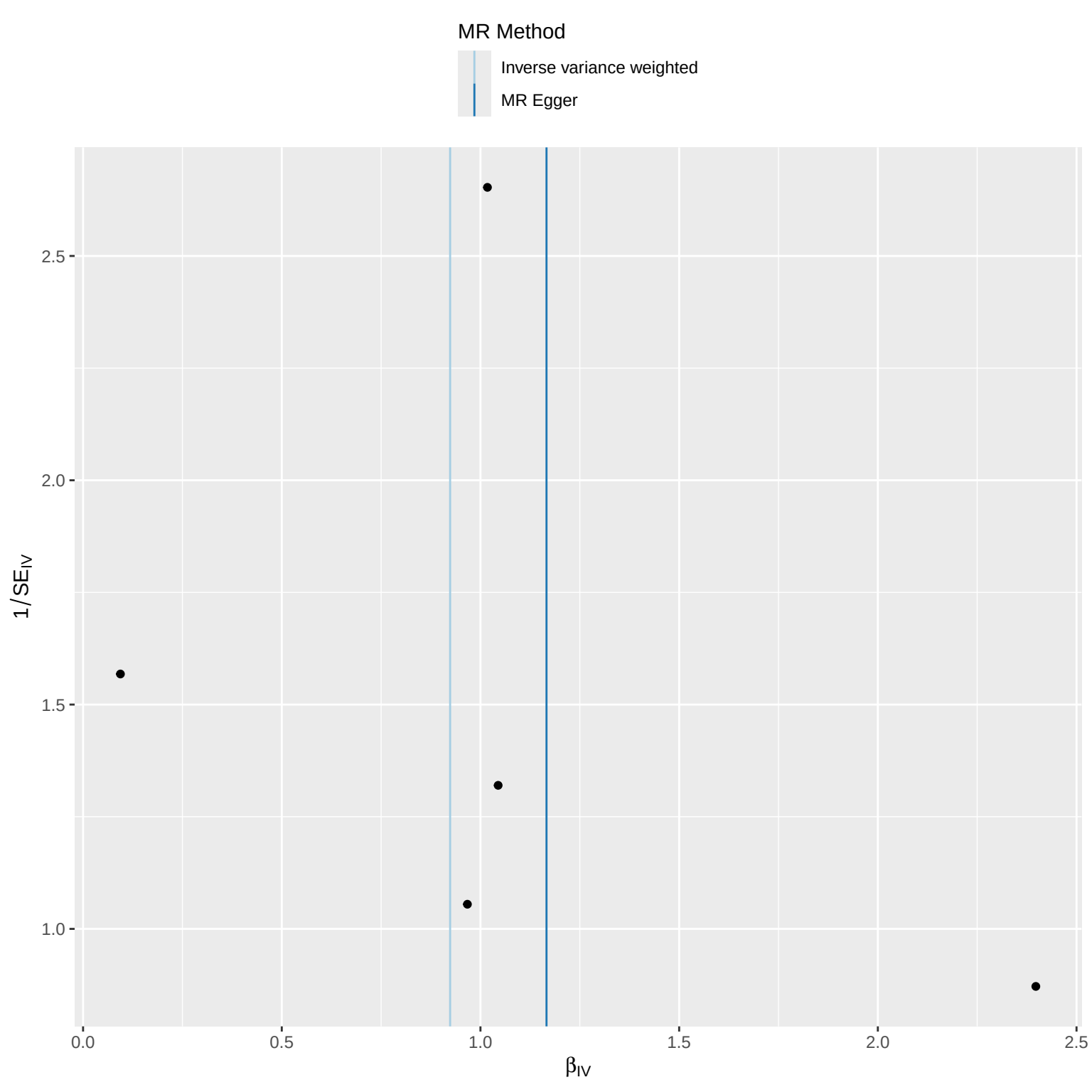

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
0.0
0.5
β_IV

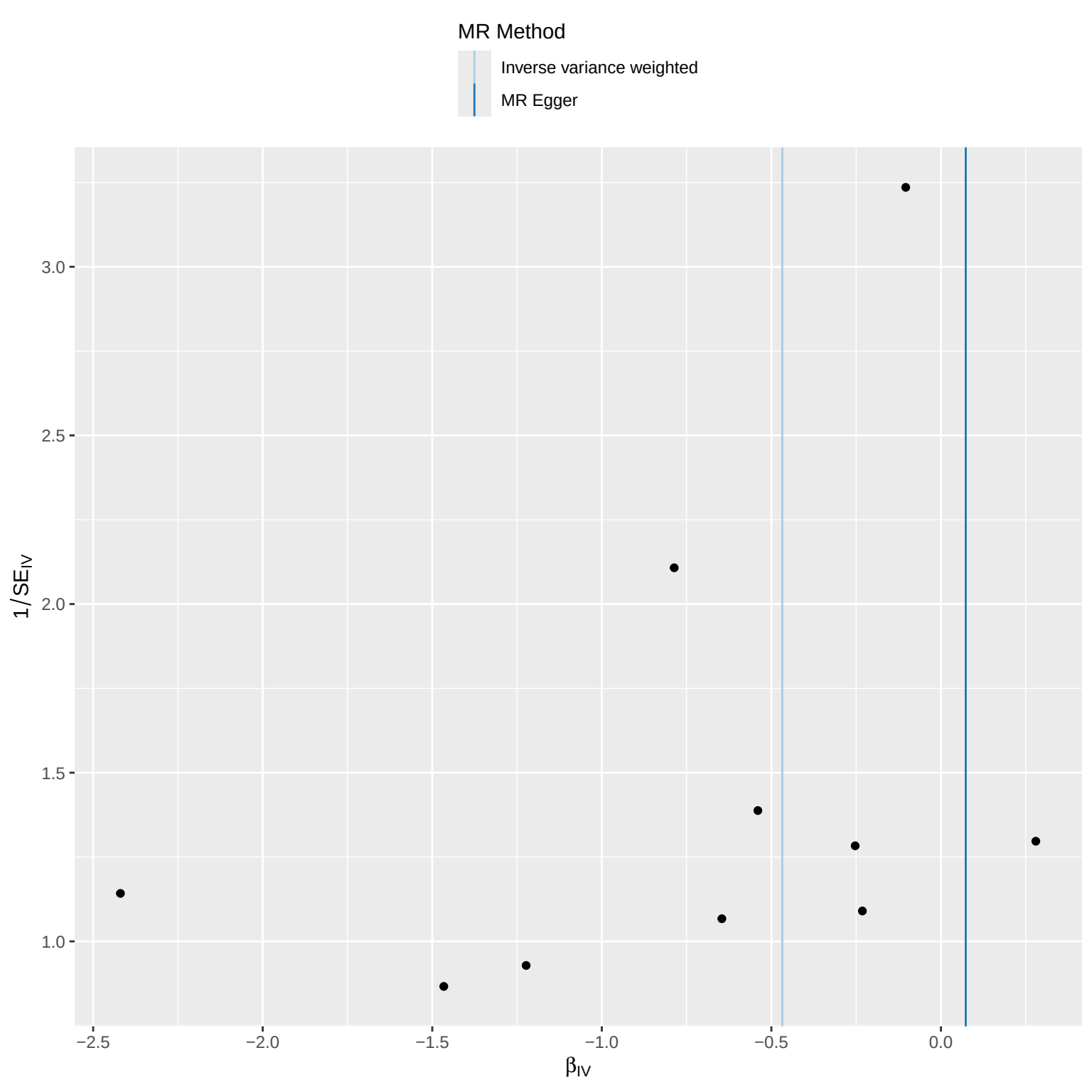

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.9
−0.6
−0.3
0.0
0.3
β_IV

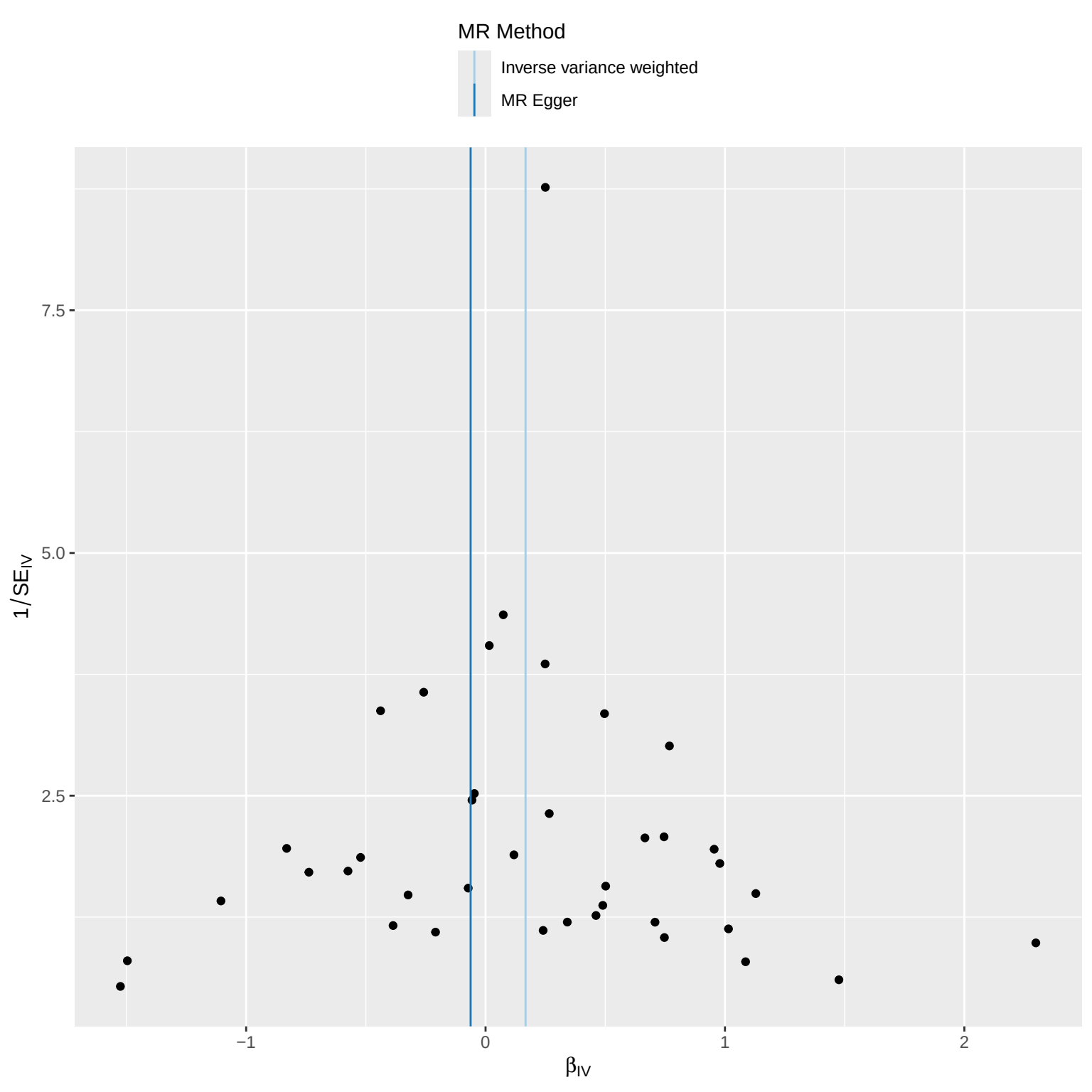

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.0
0.2
0.4
0.6
0.8
β_IV

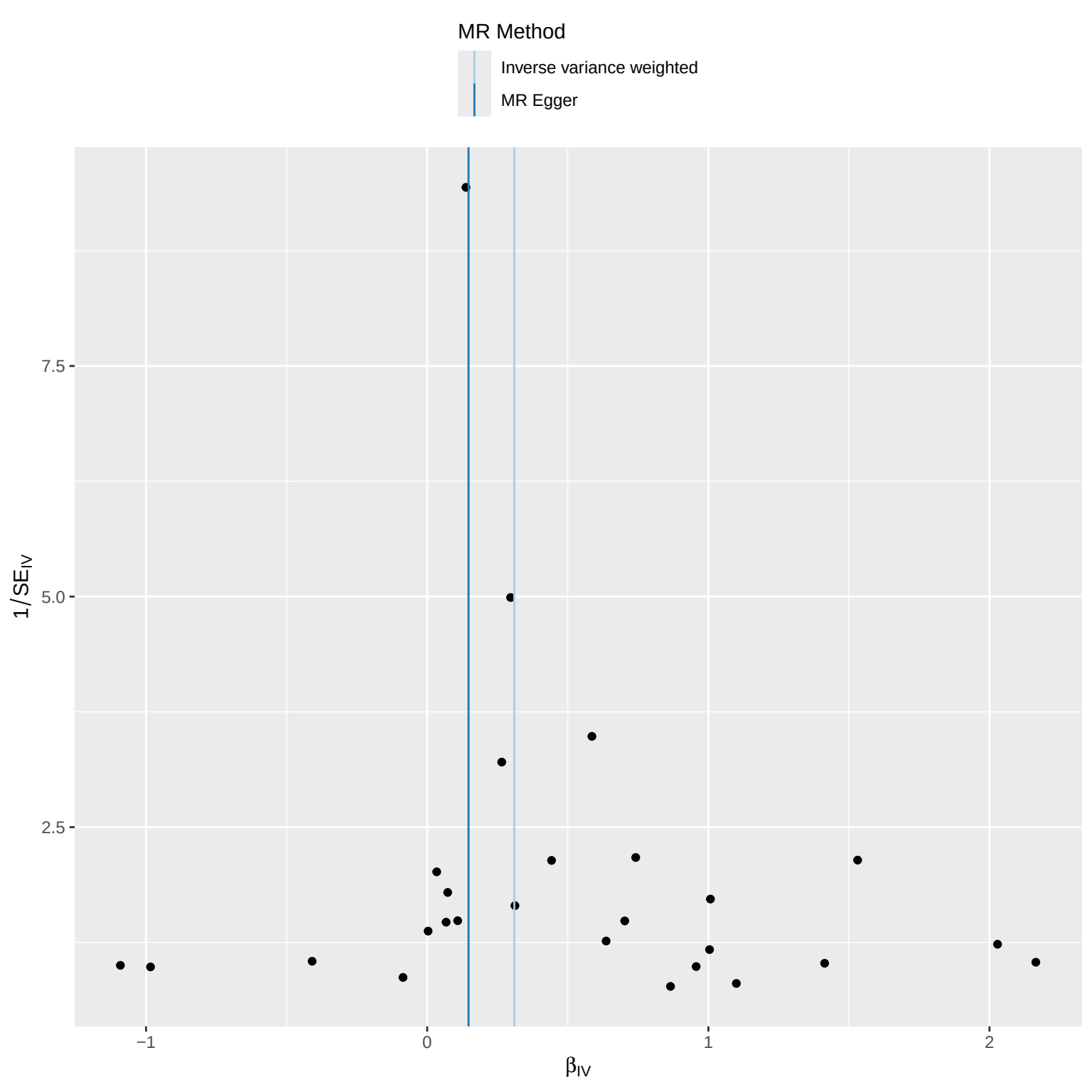

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
2.0
1.5
1/SE_IV
0.2
0.4
0.6
β_IV

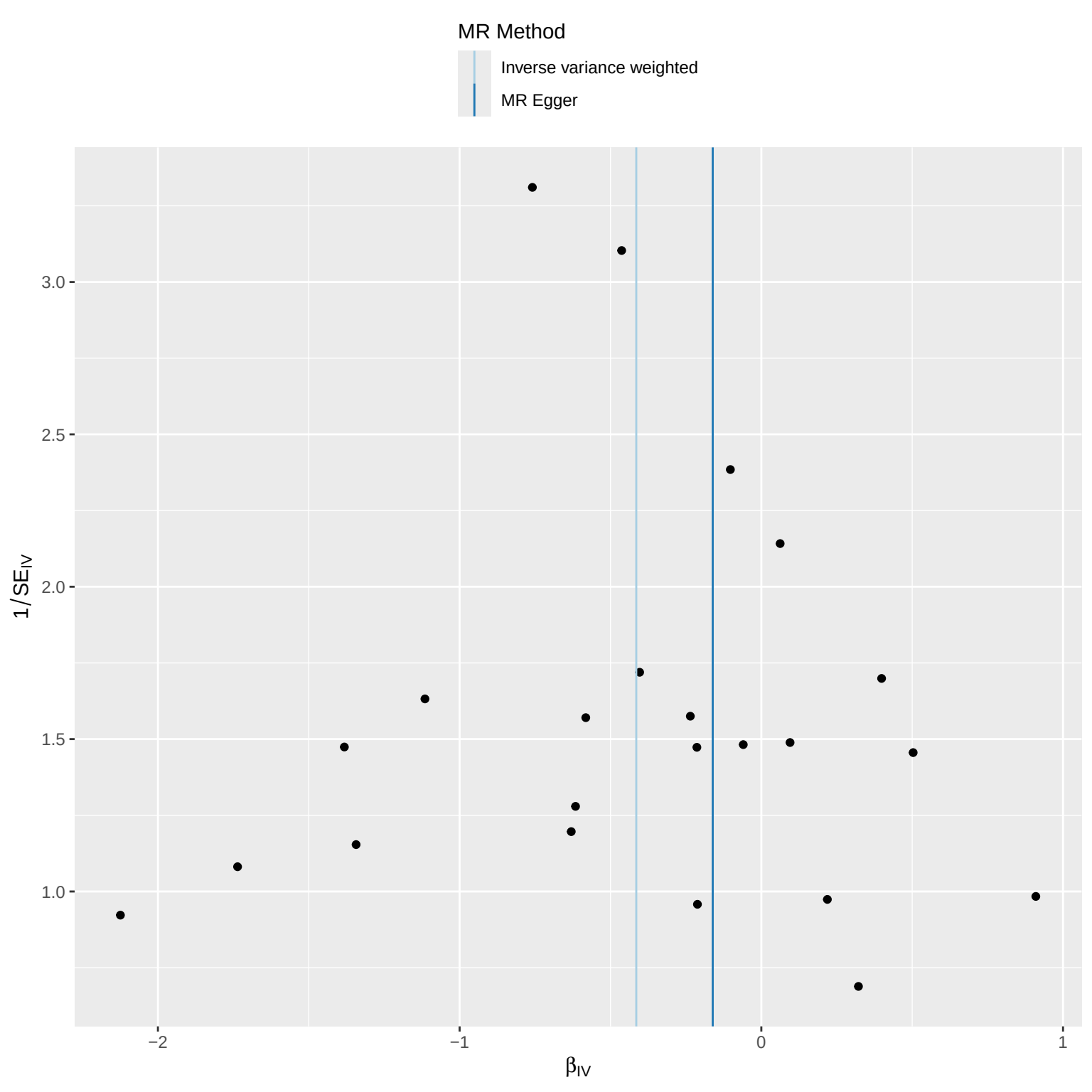

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

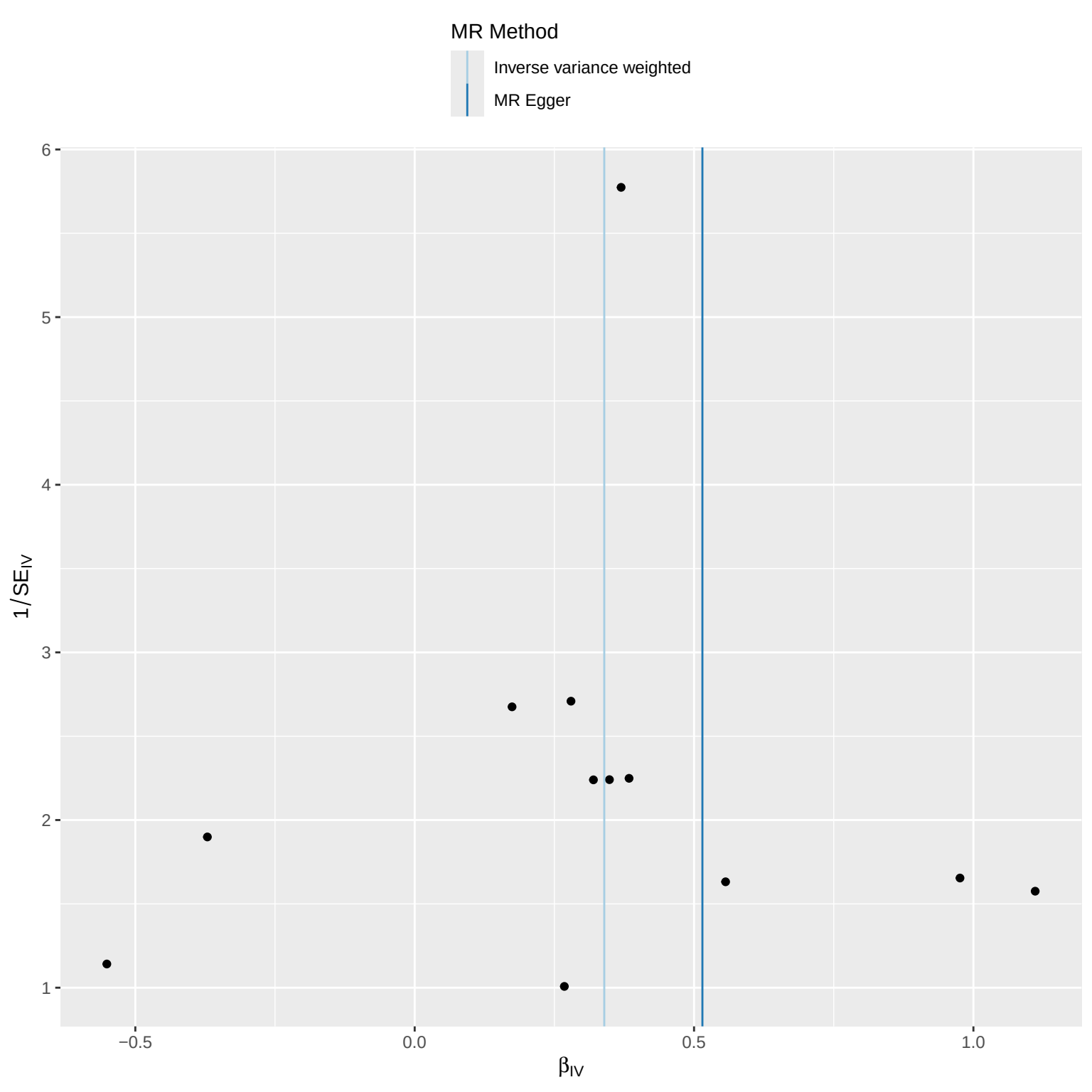

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

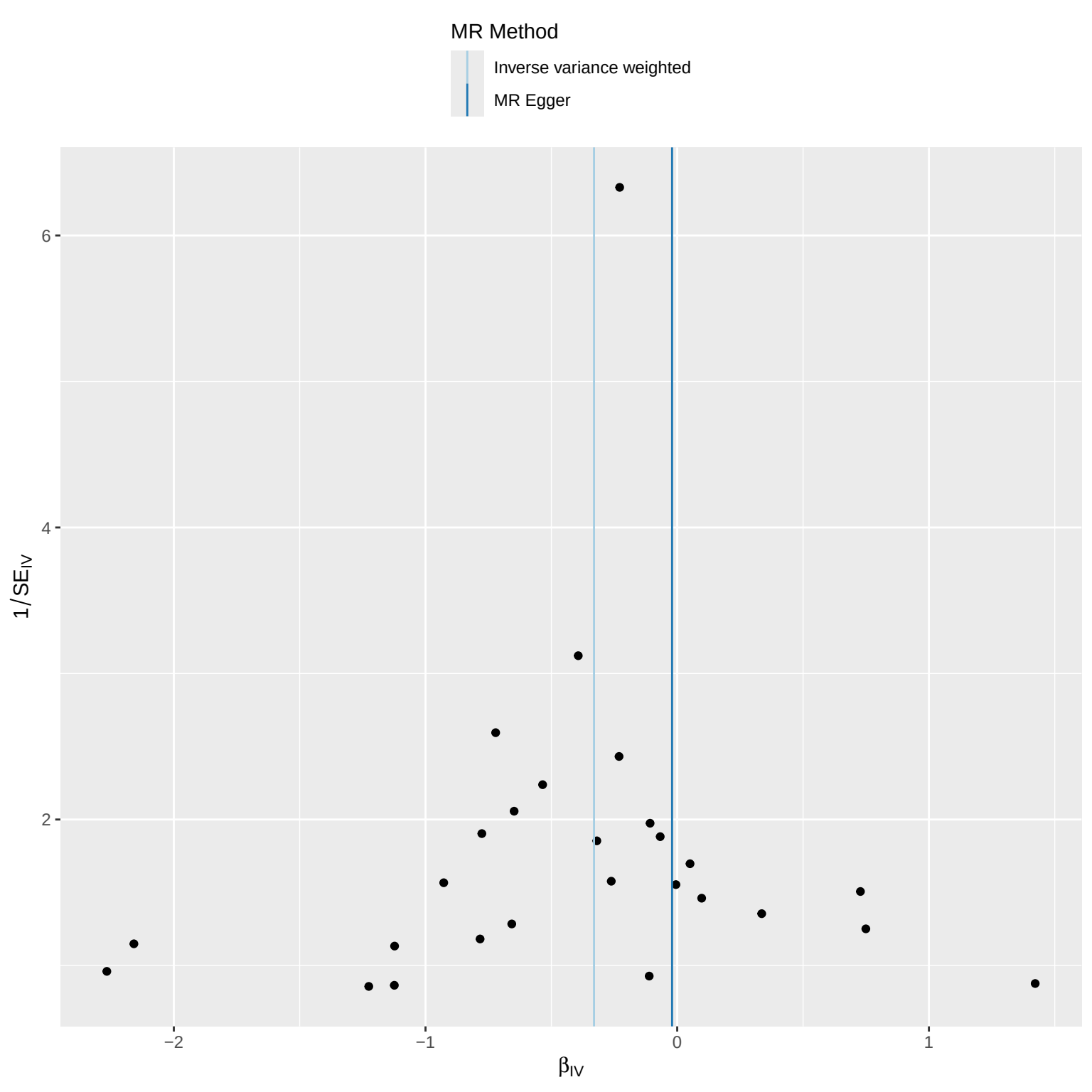

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

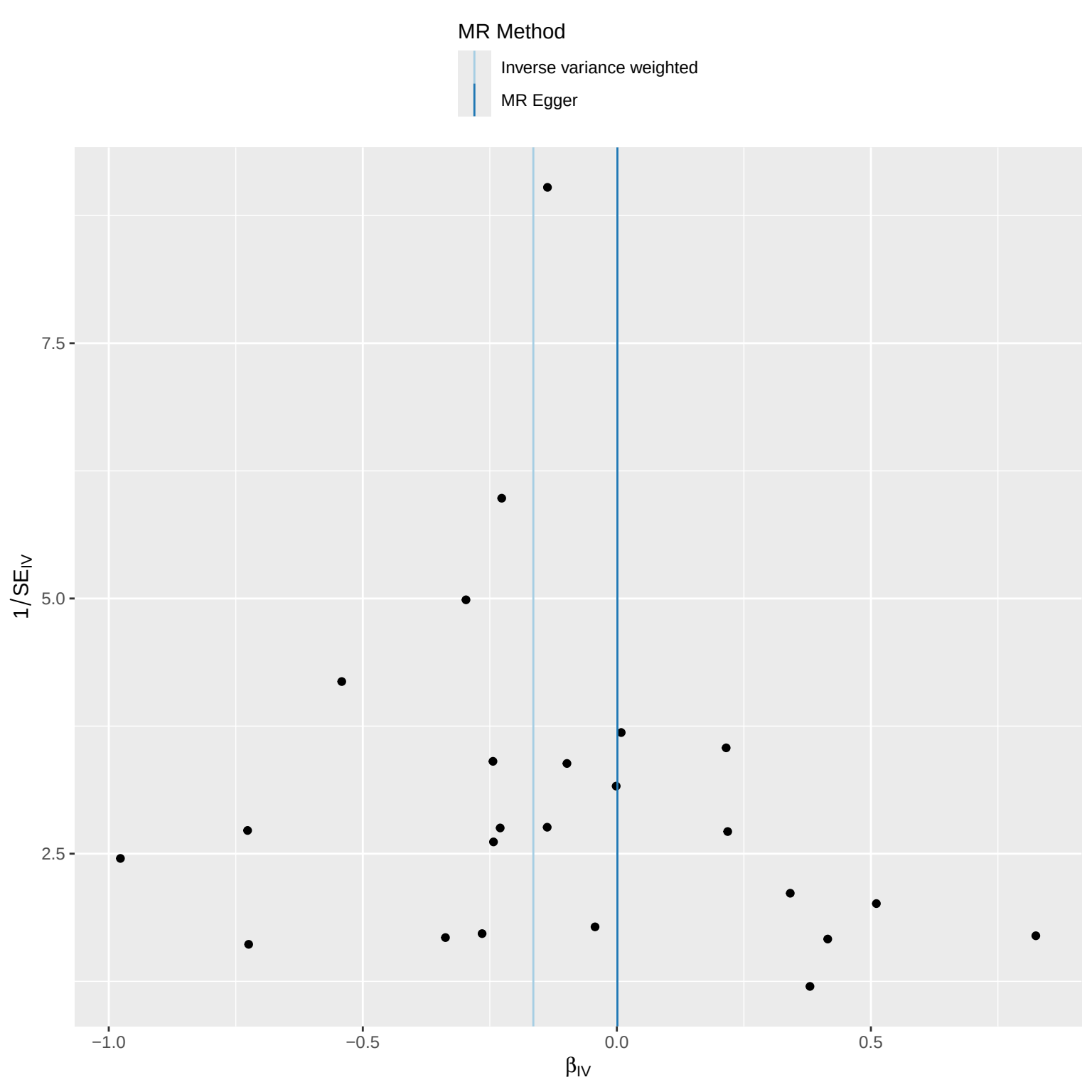

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

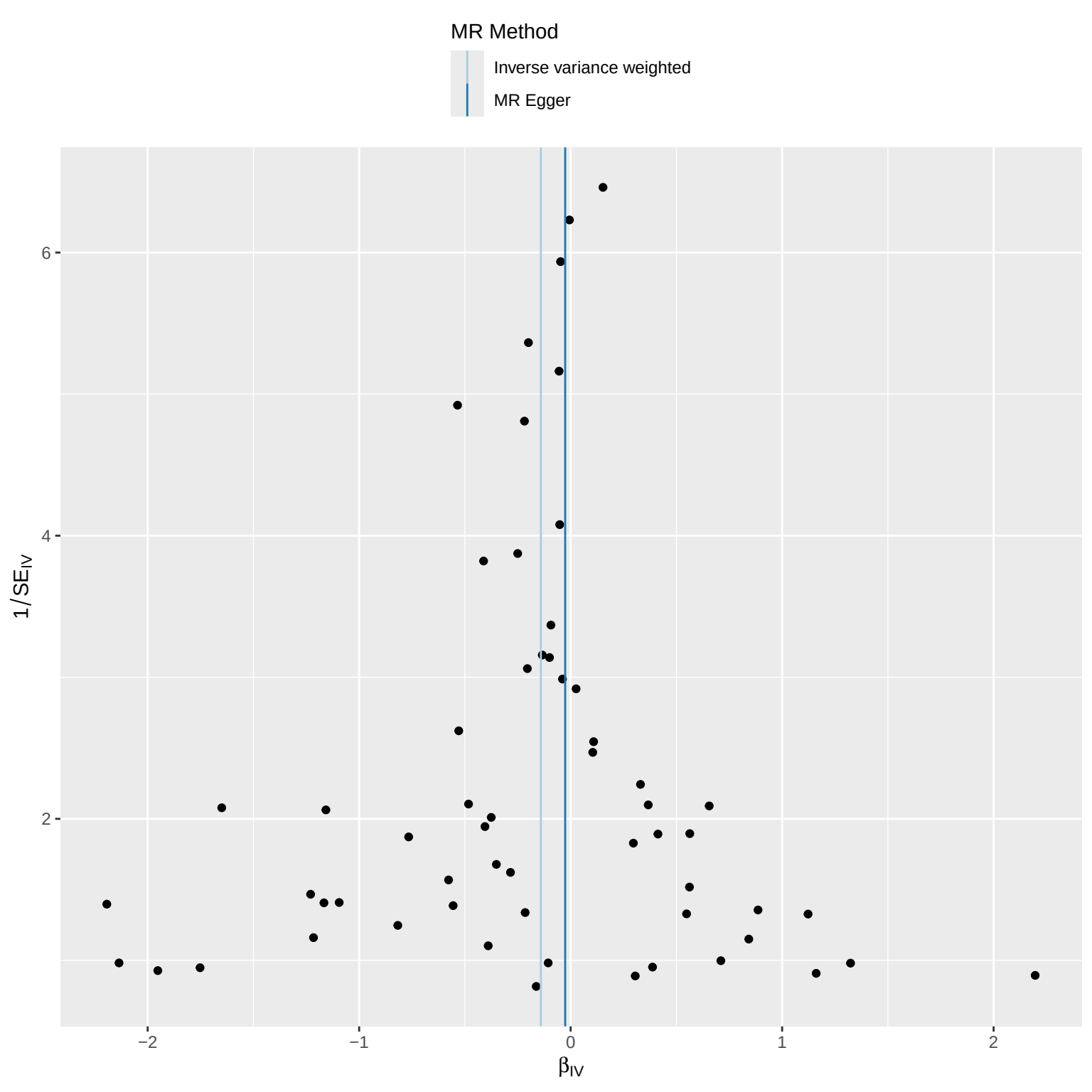

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

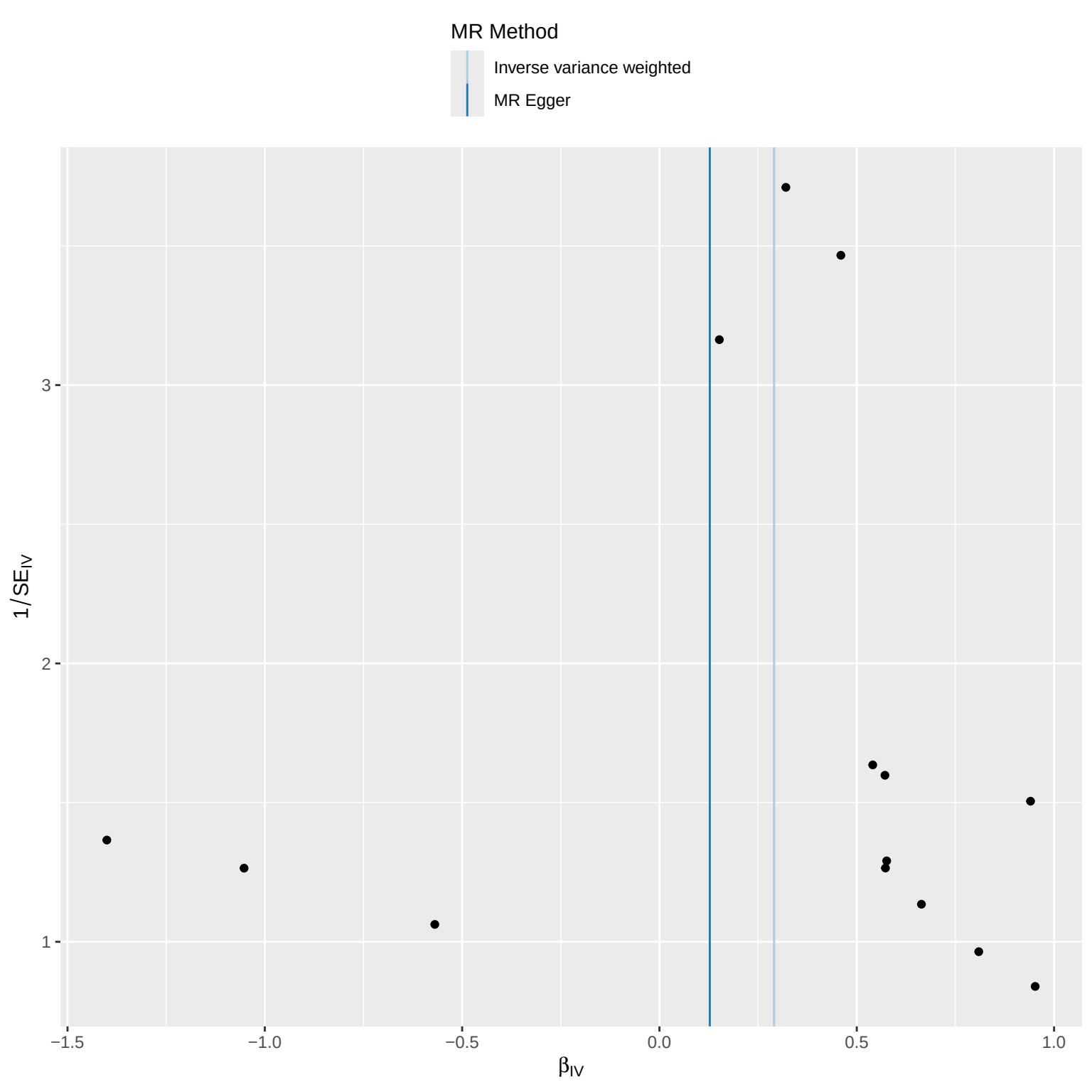

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

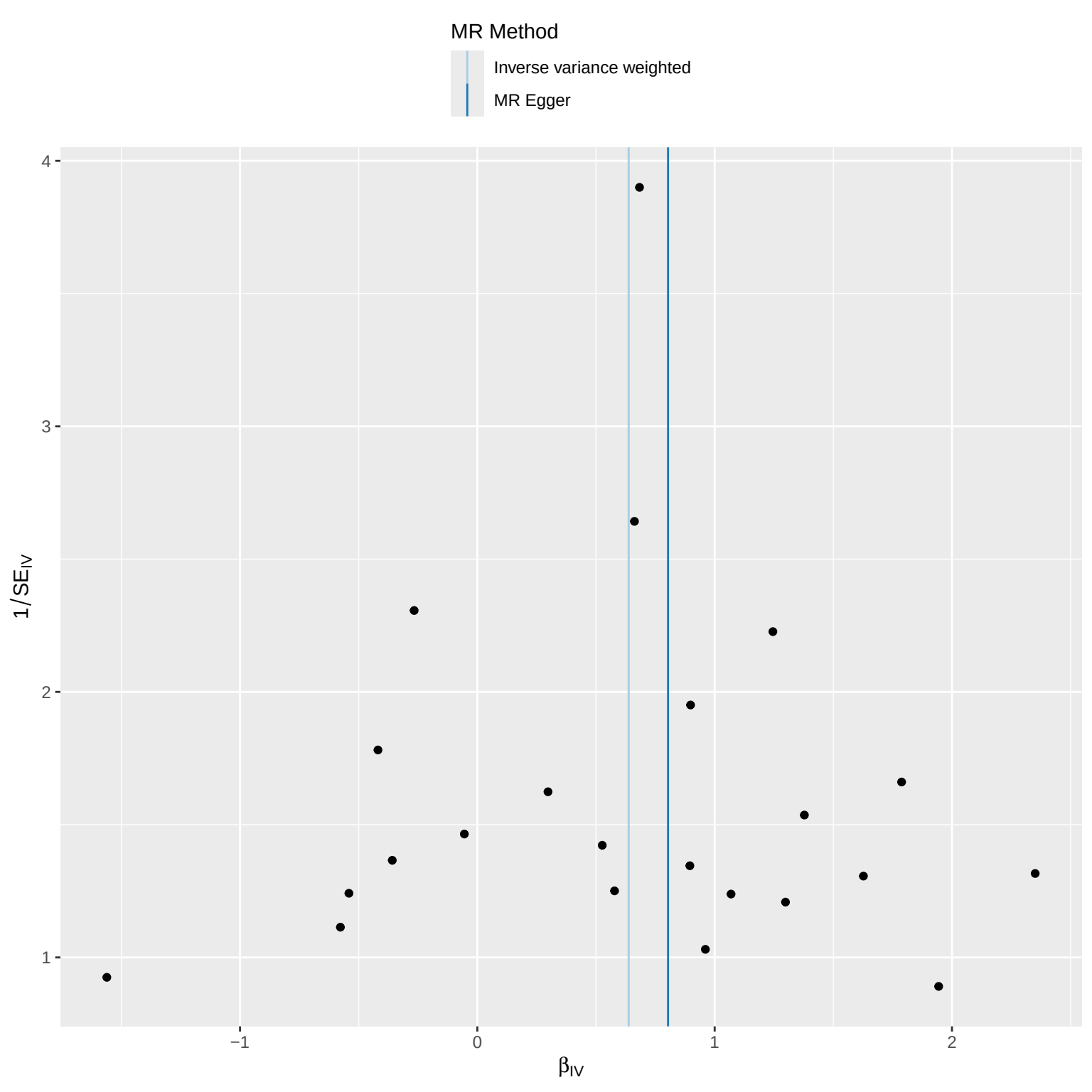

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

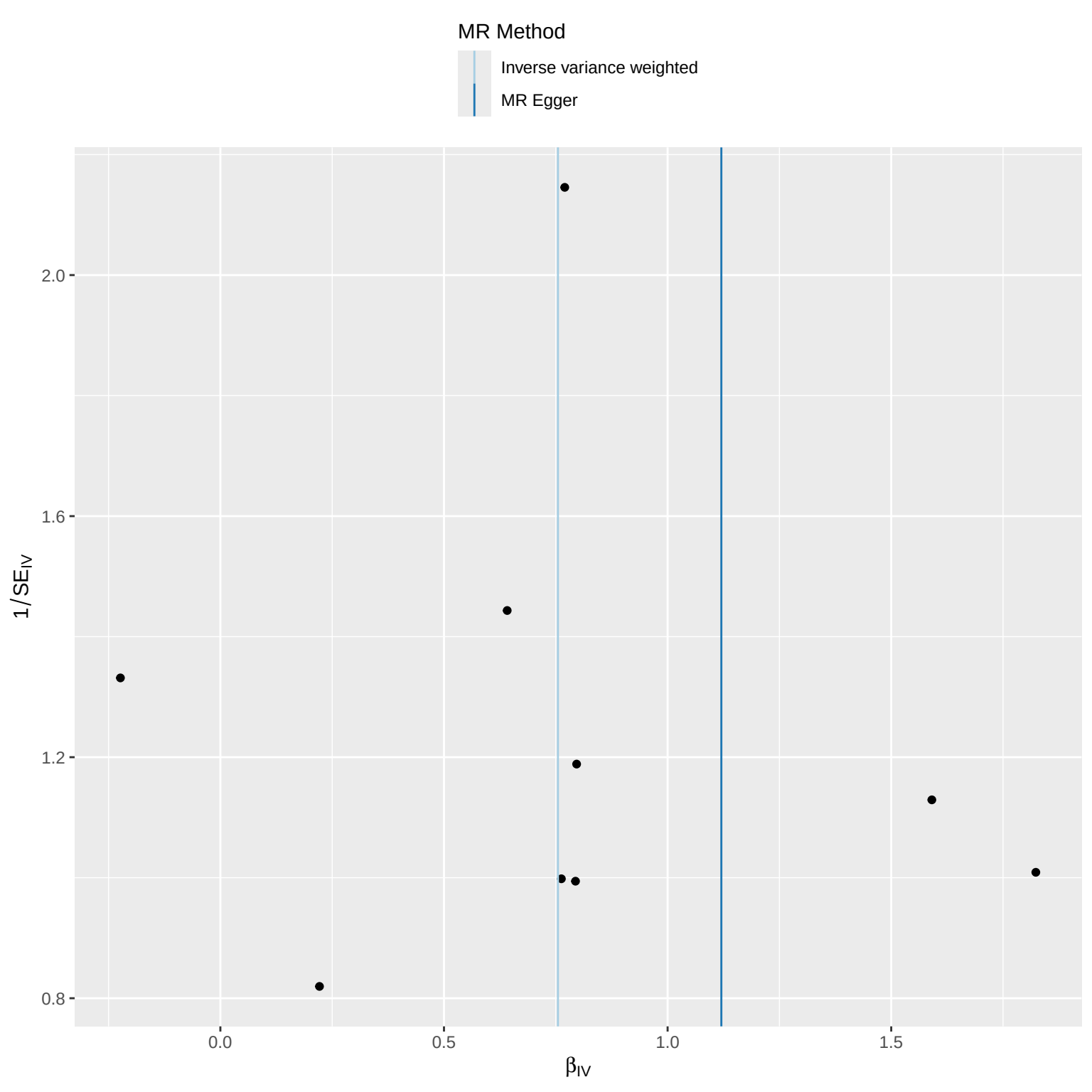

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

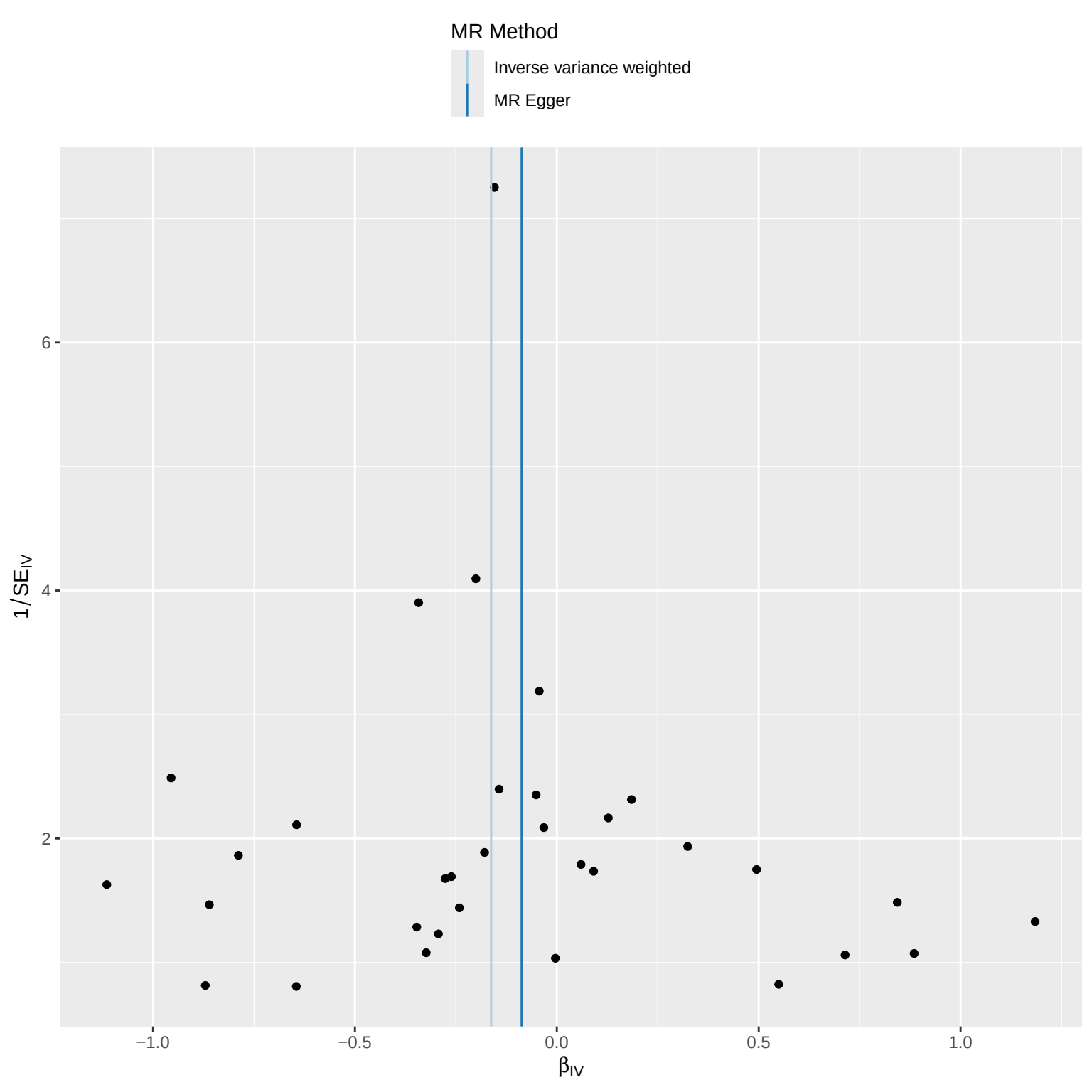

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

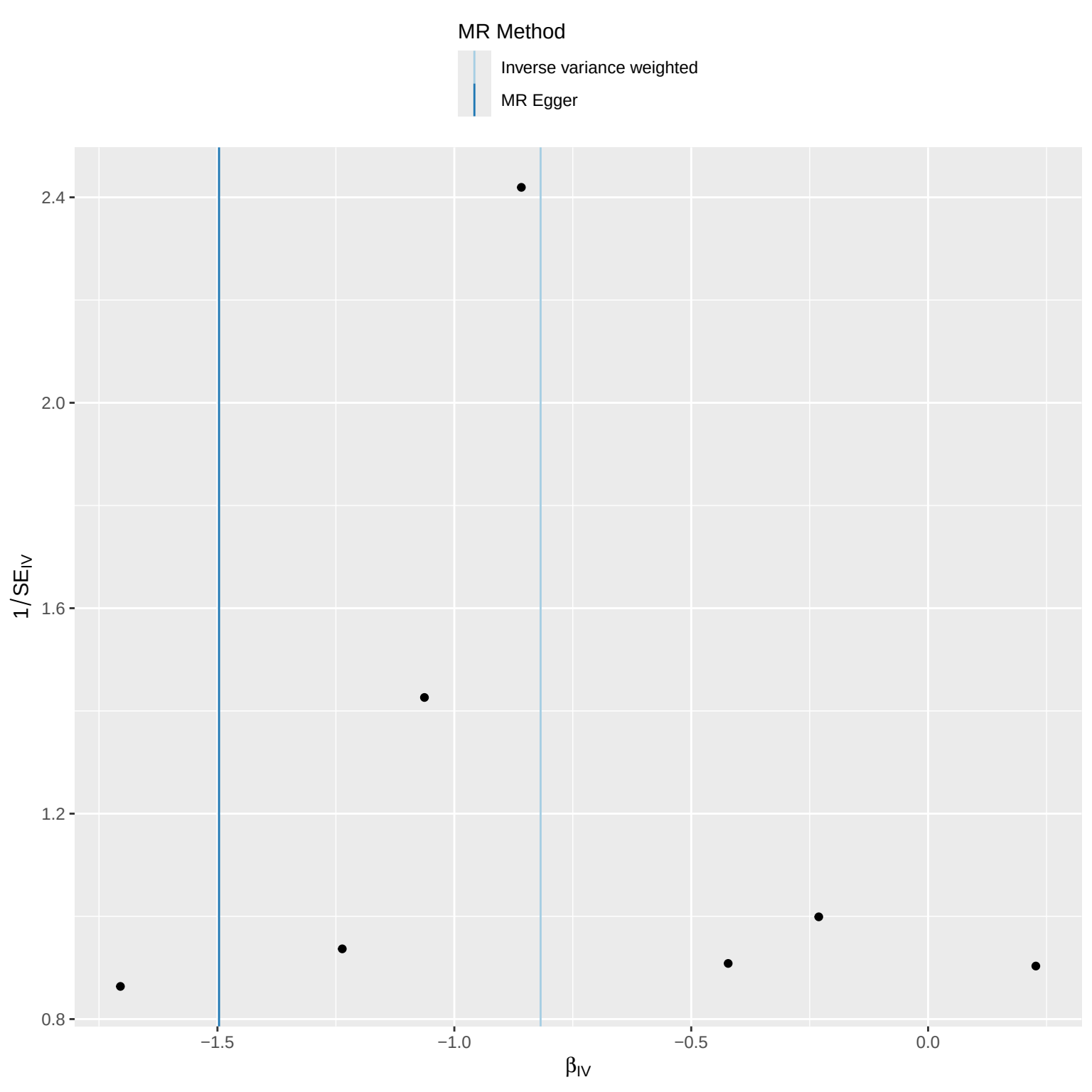

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

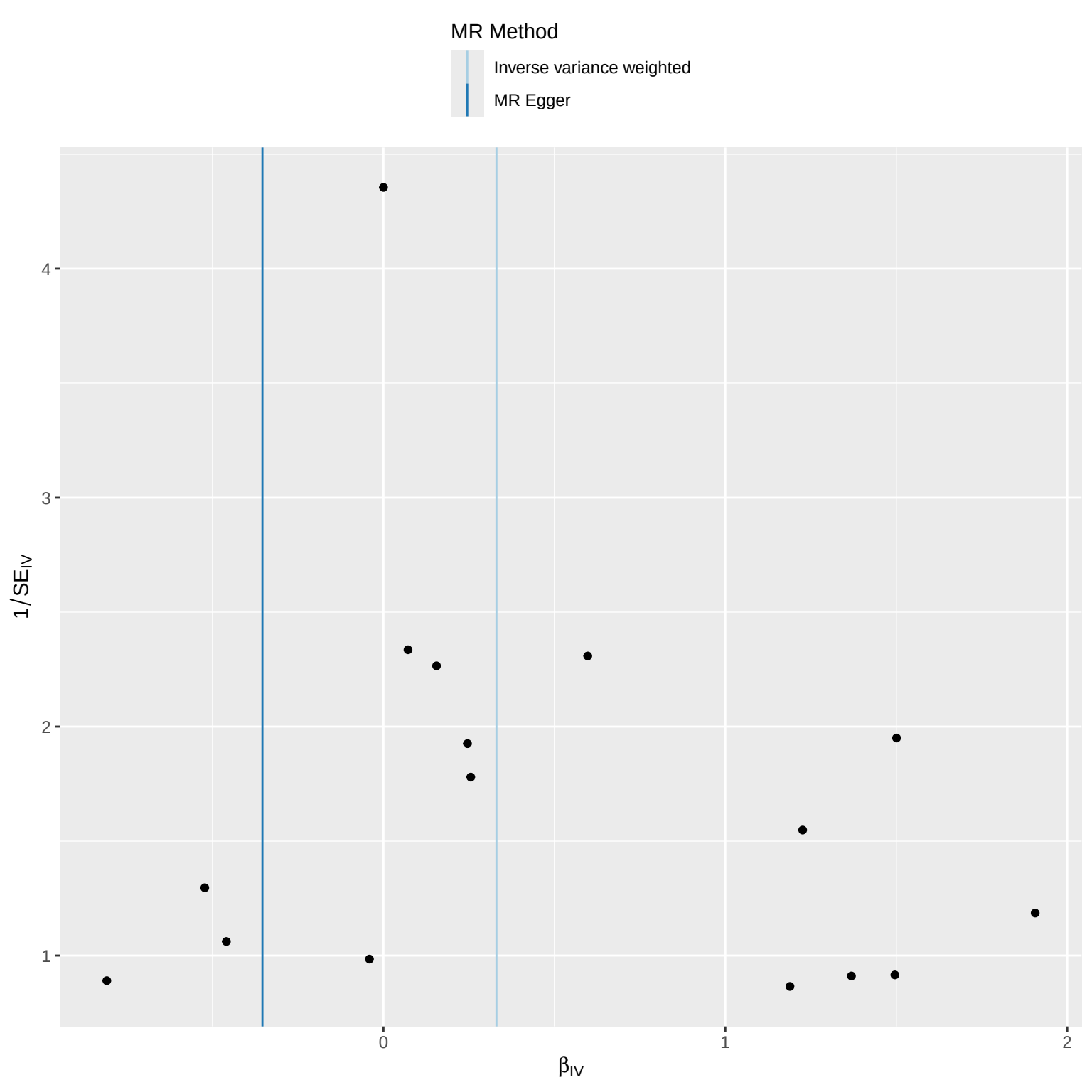

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

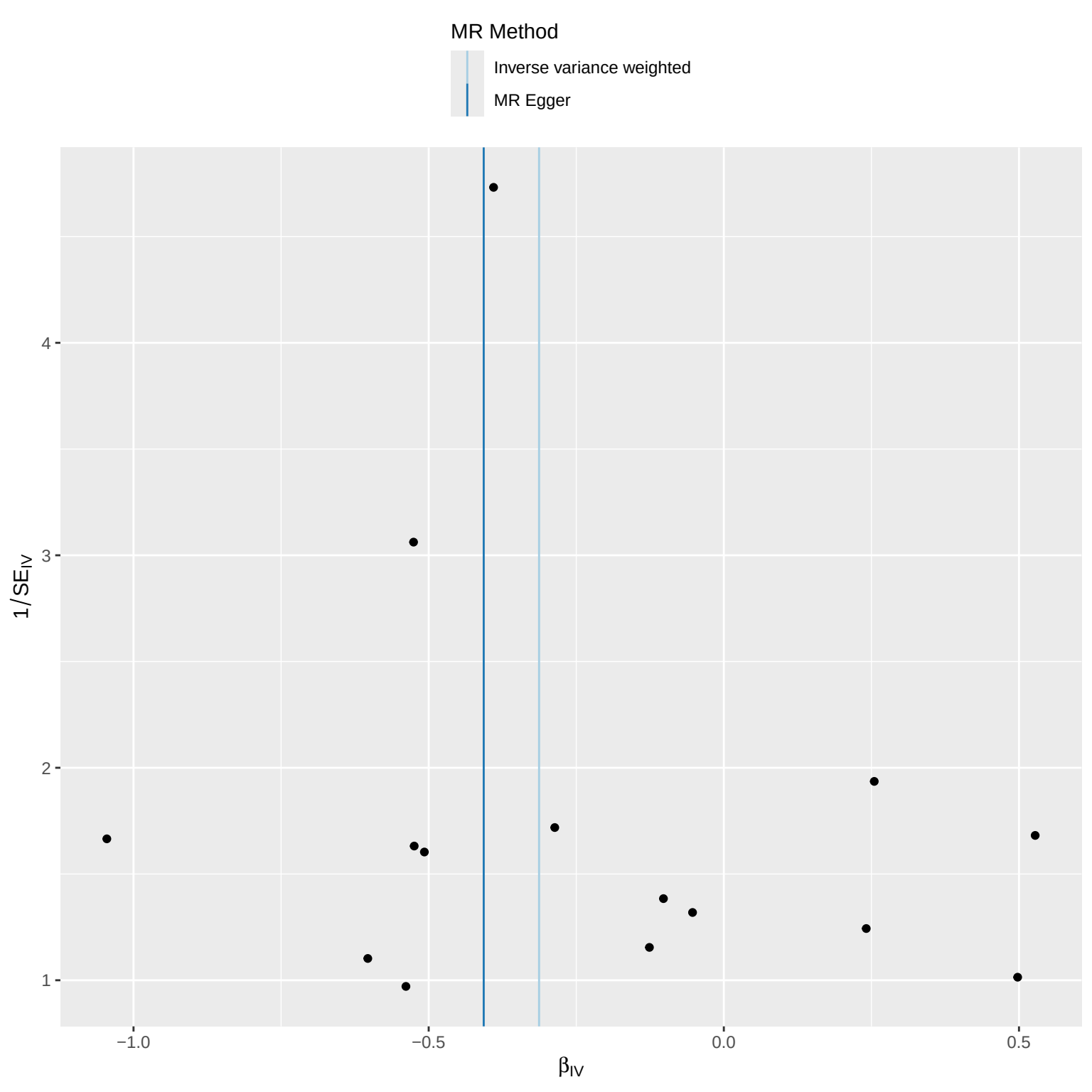

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

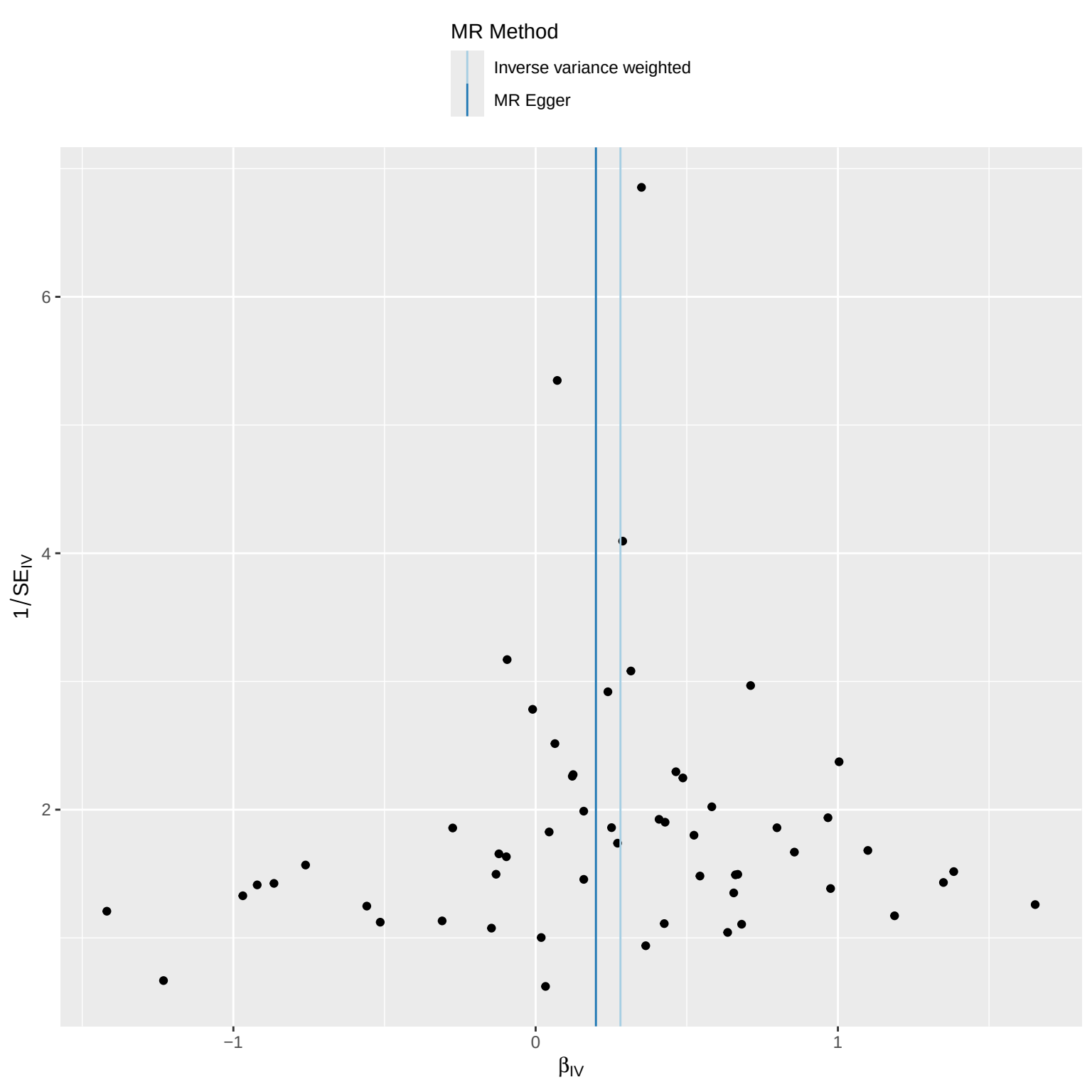

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

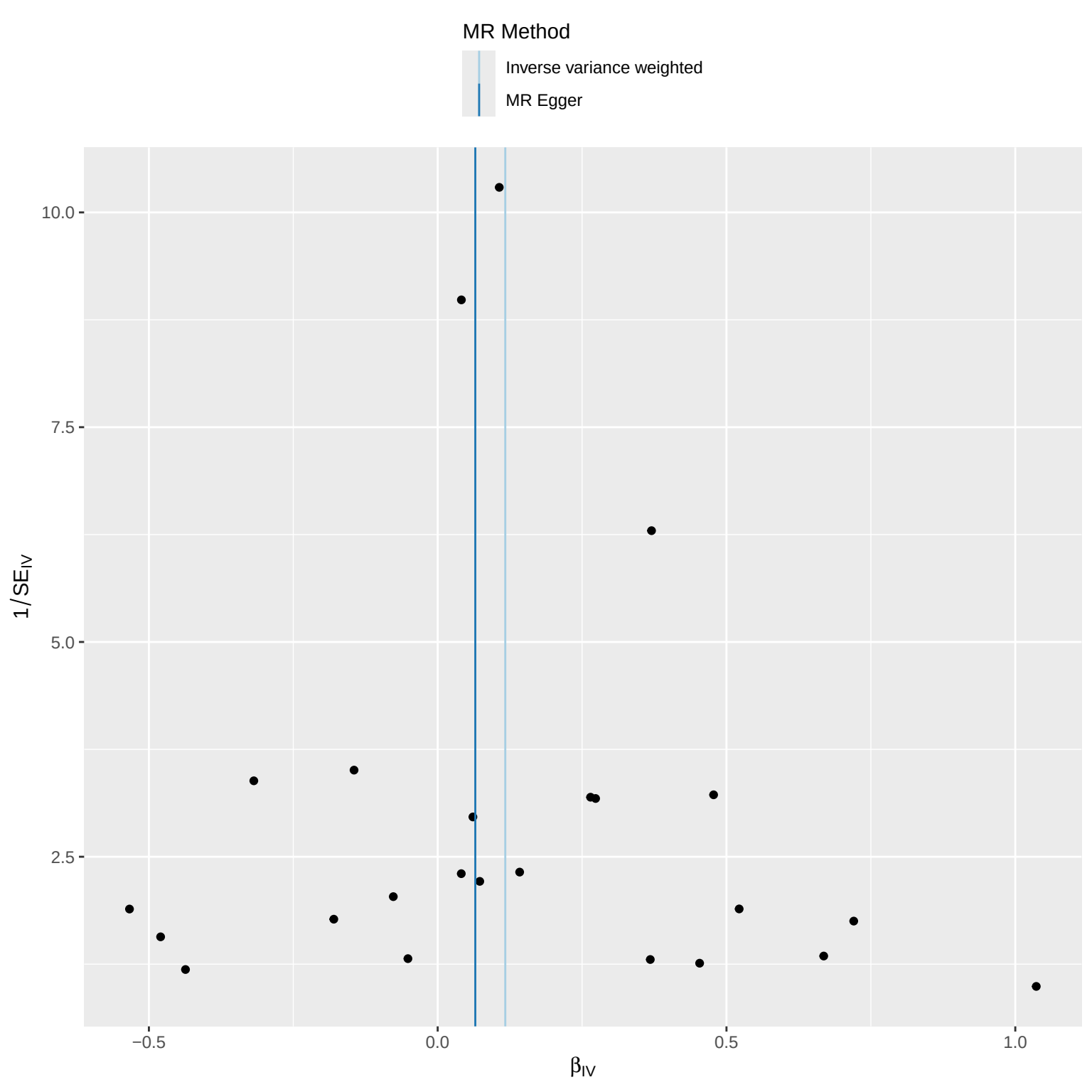

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

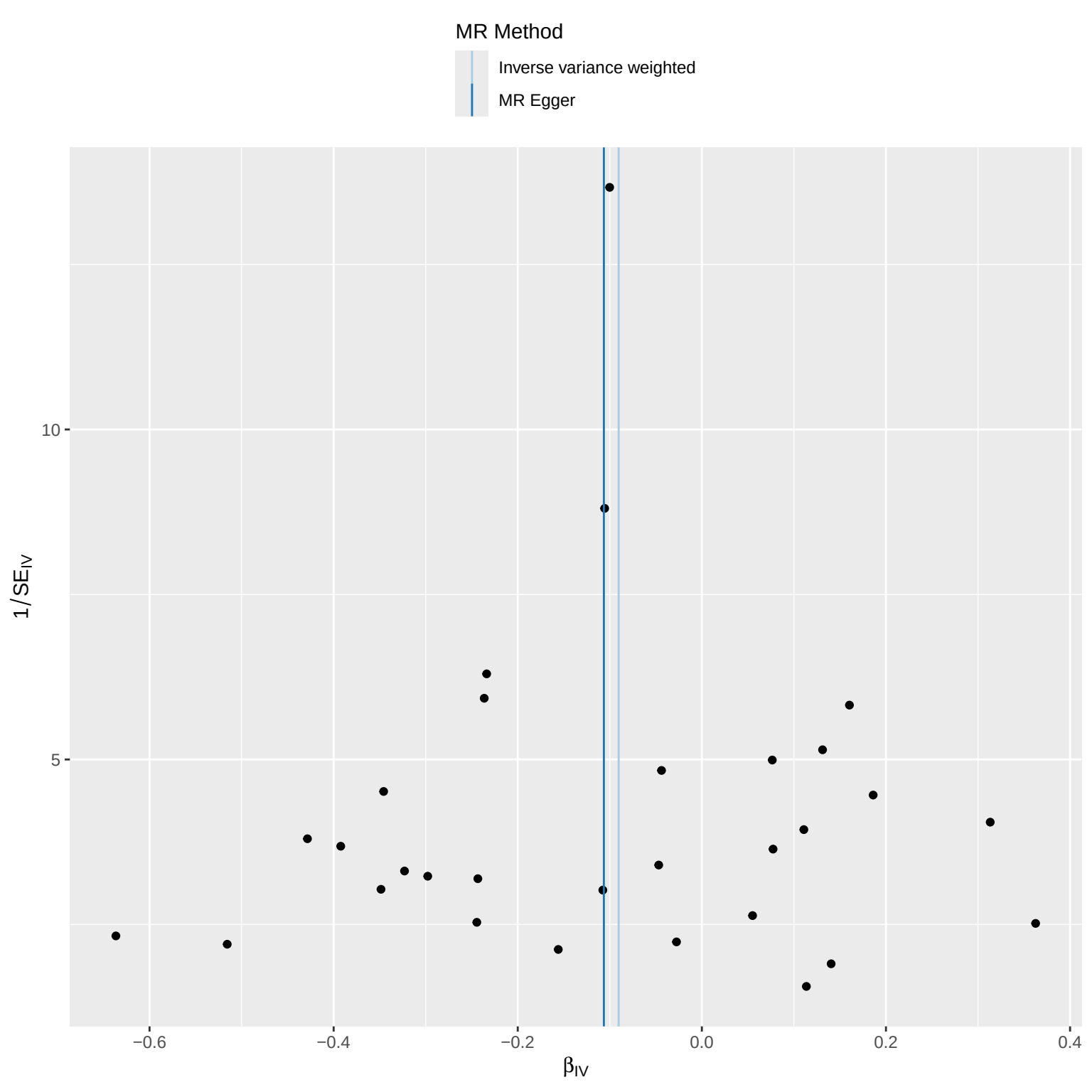

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

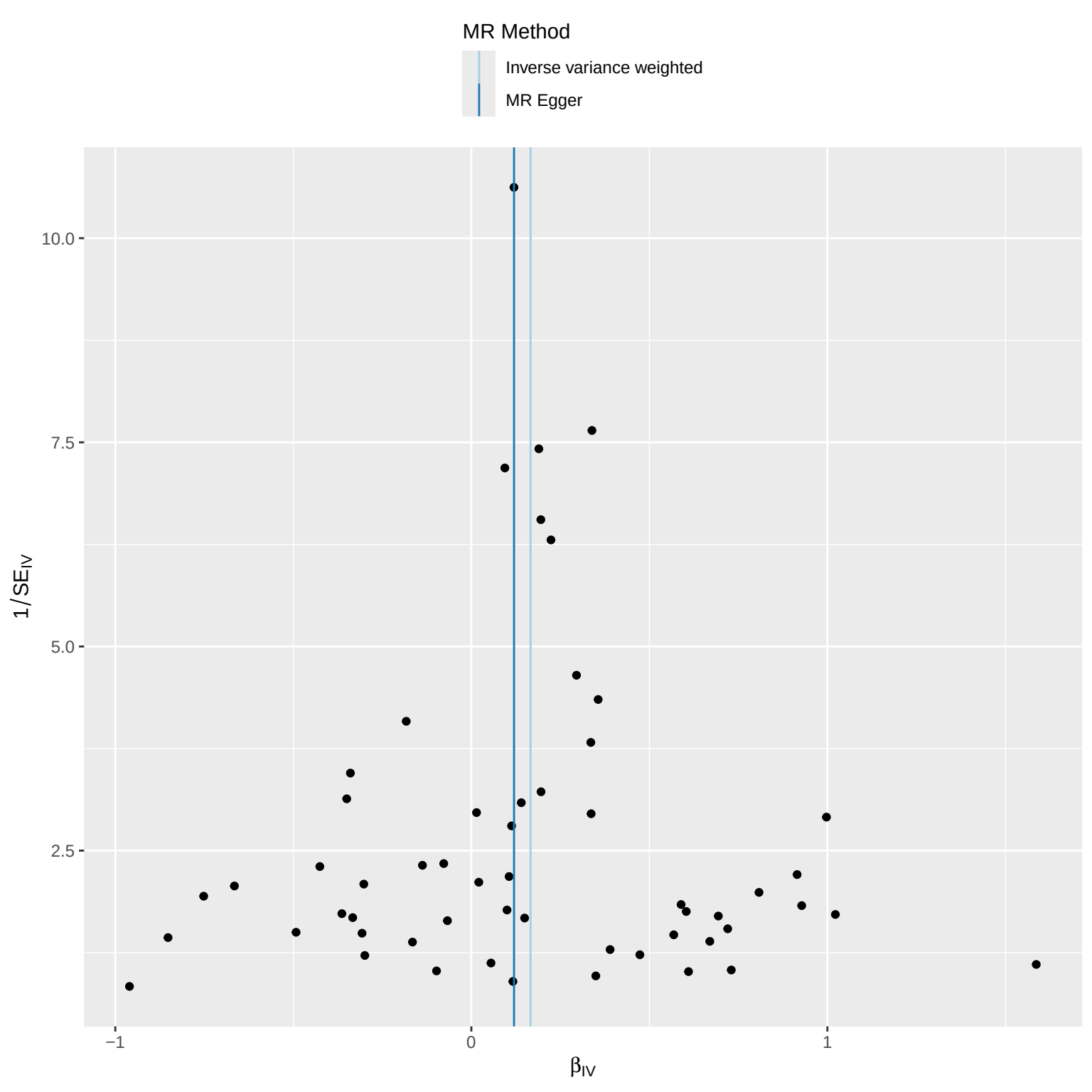

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

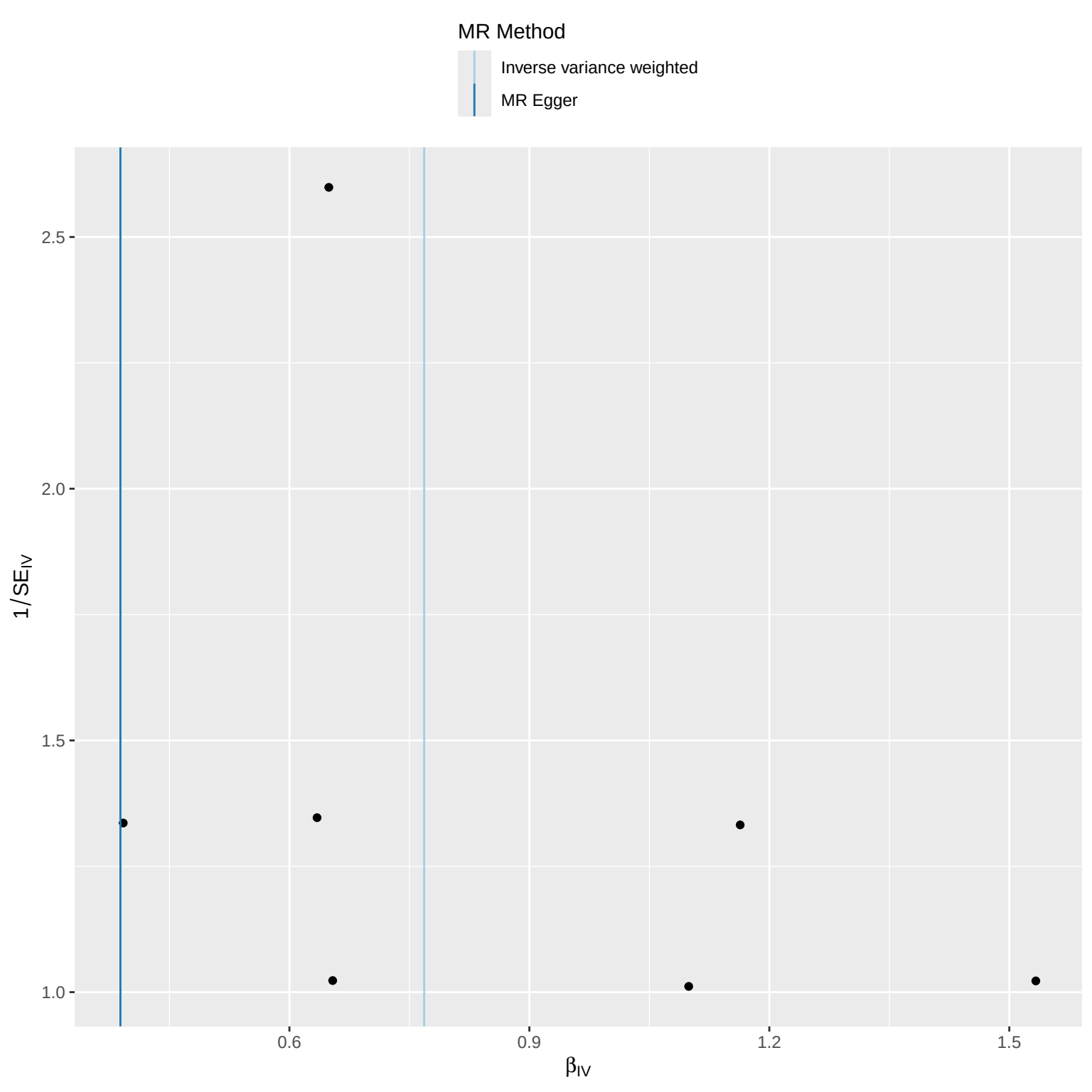

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

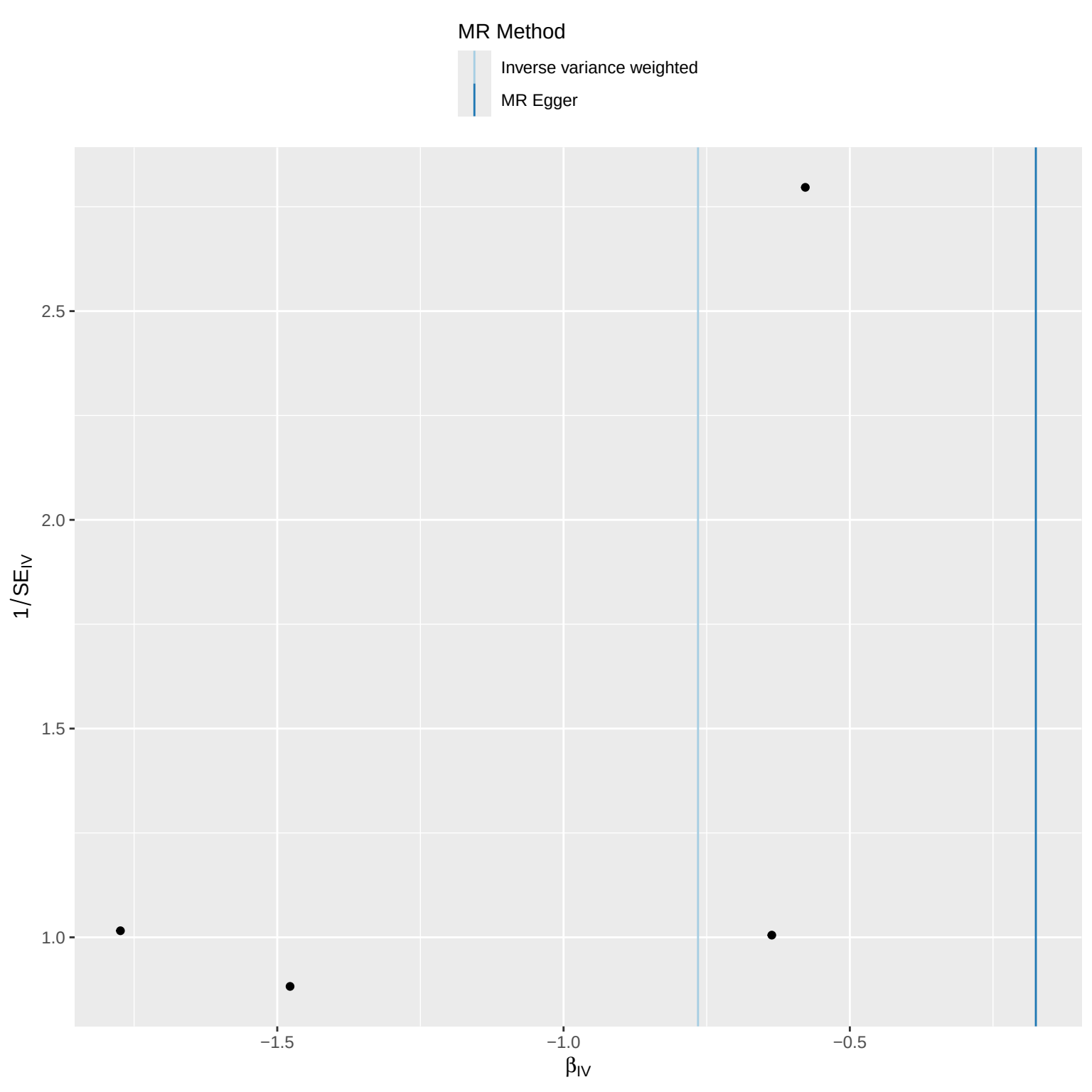

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

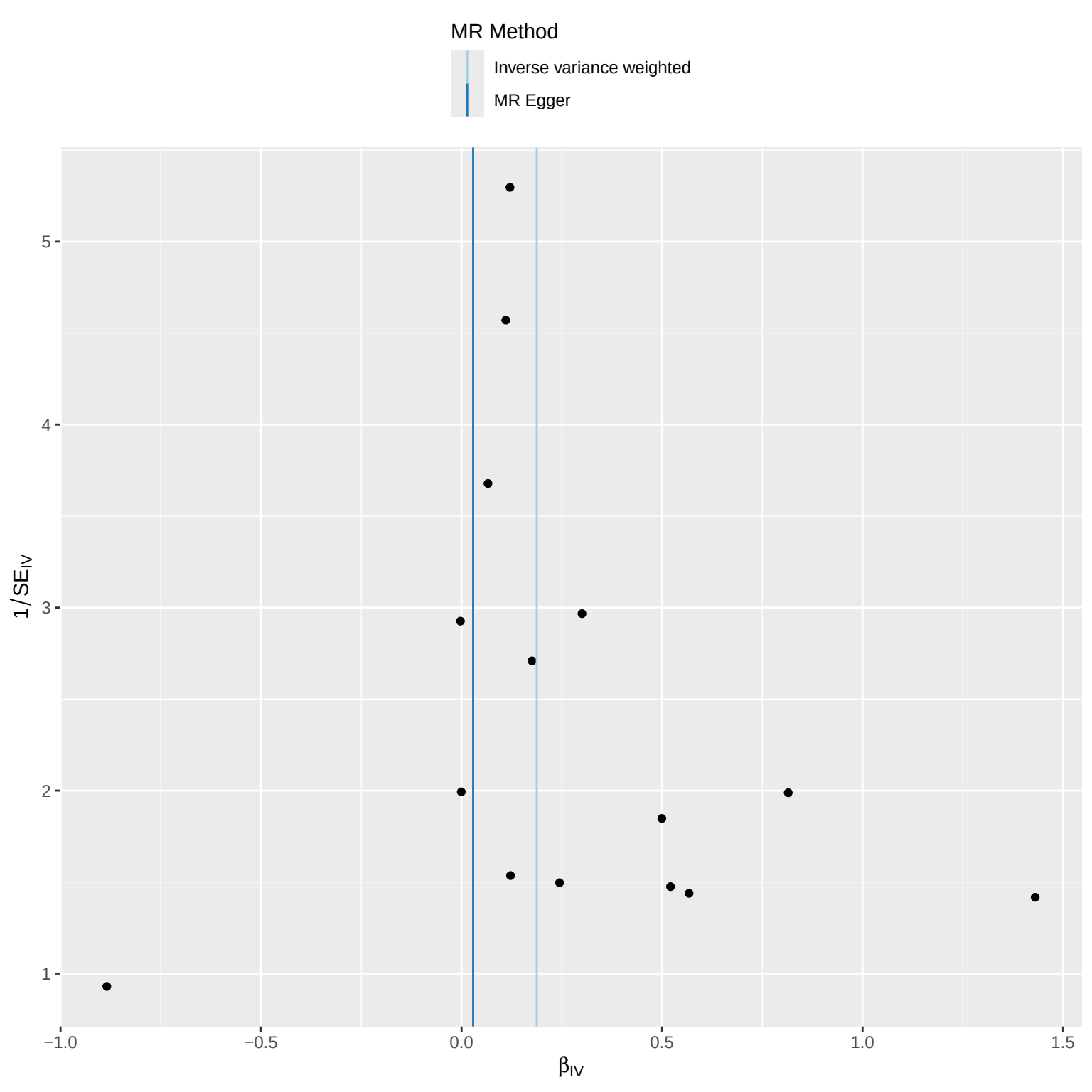

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

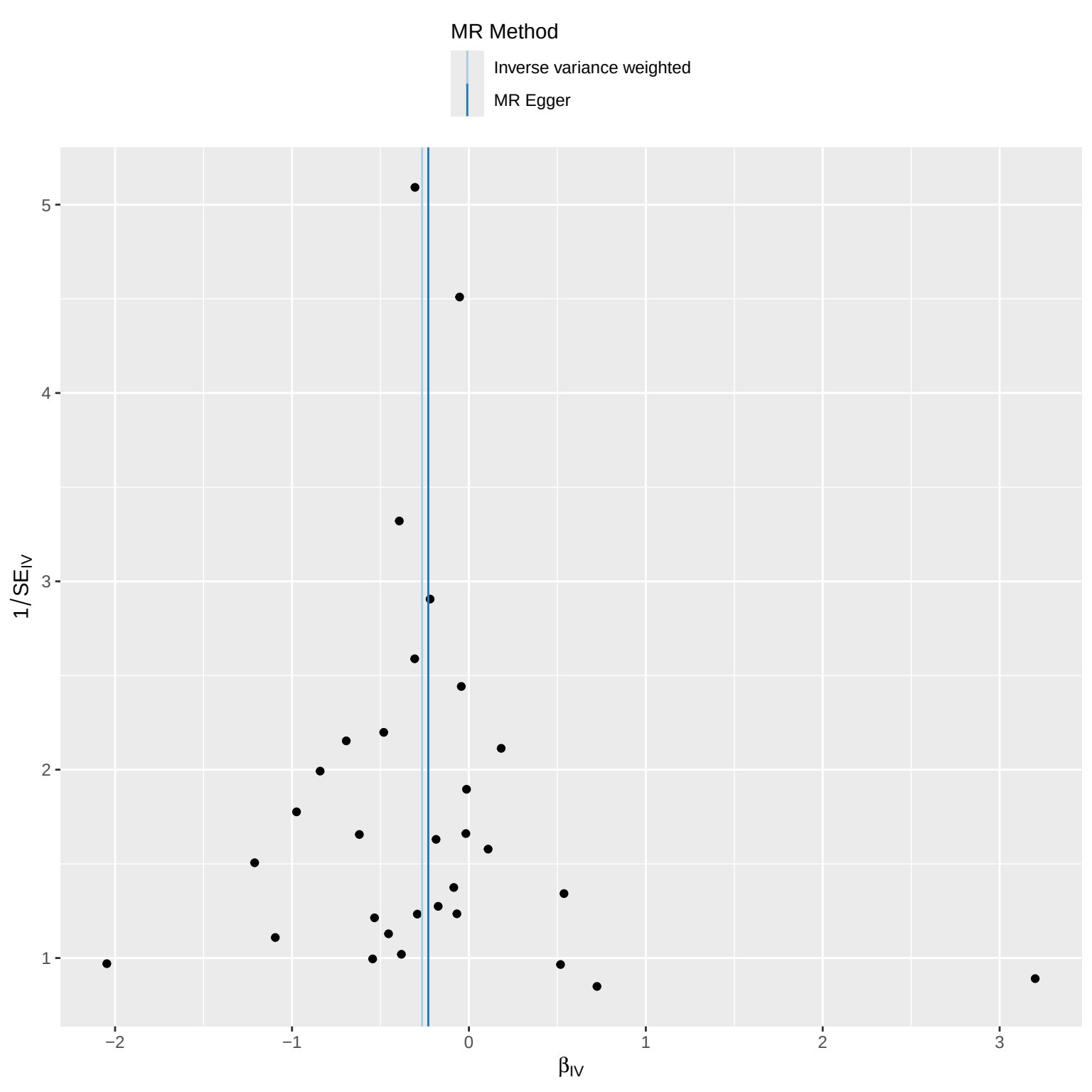

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
0.4
β_IV

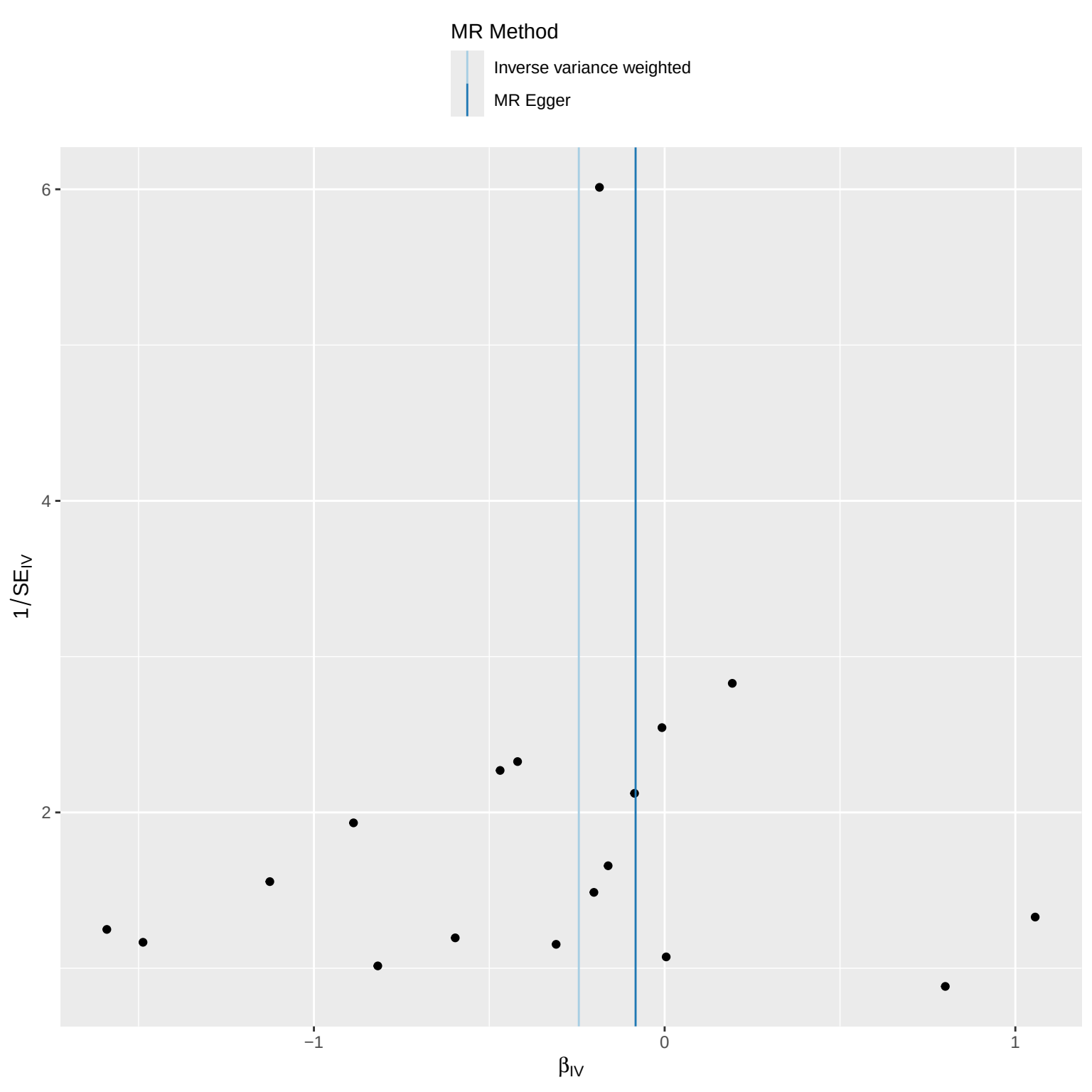

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

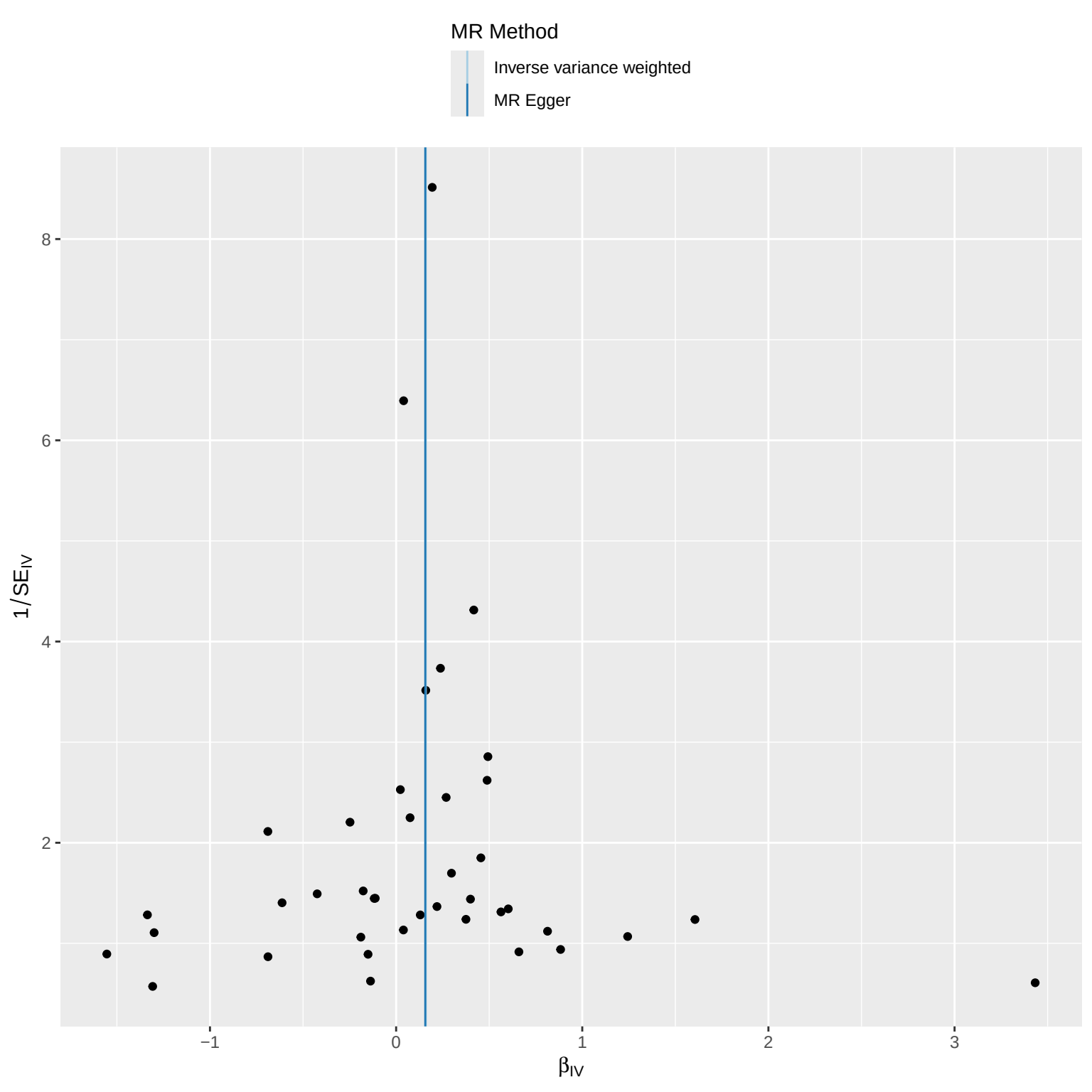

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.6
0.9
1.2
1.5
β_IV

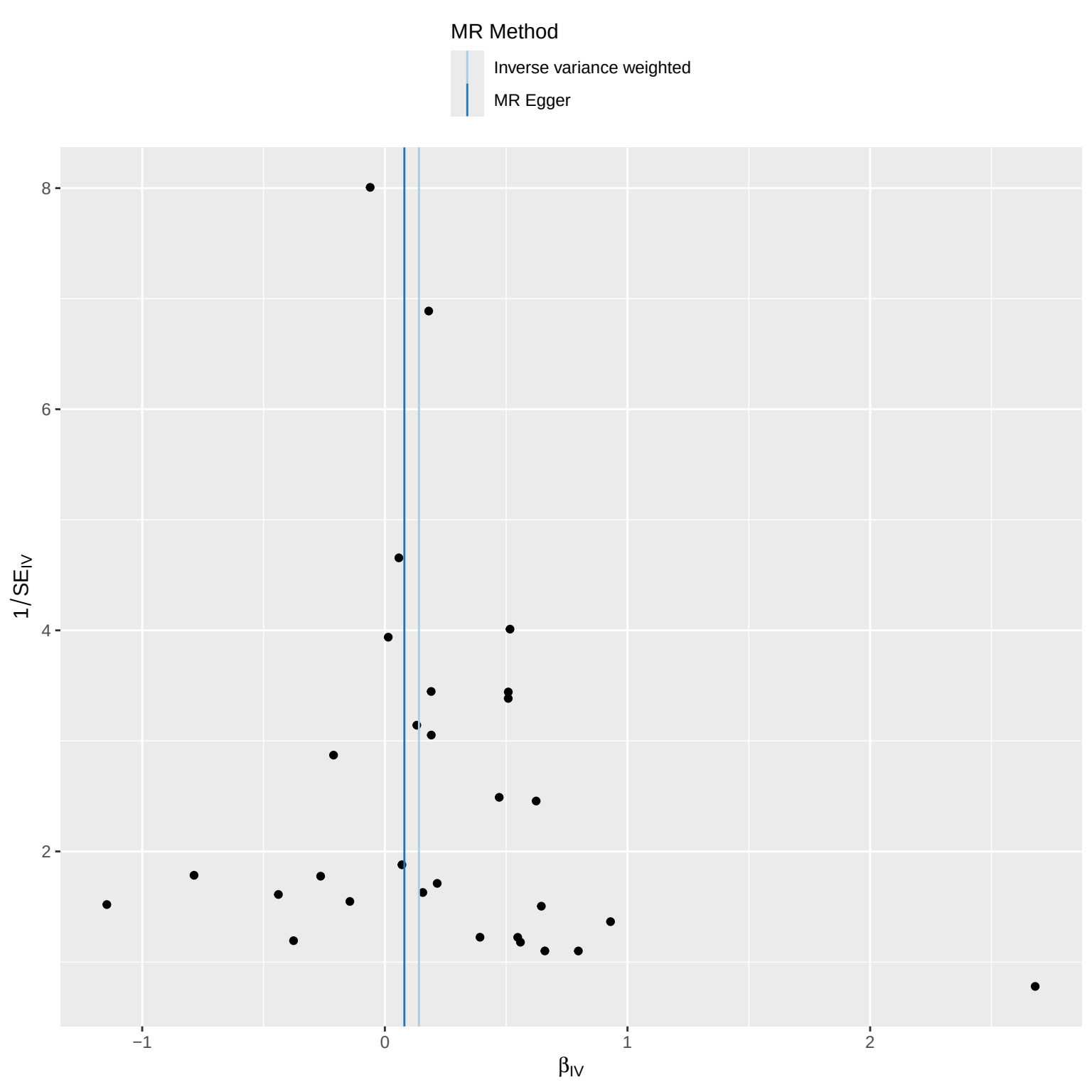

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
β_IV

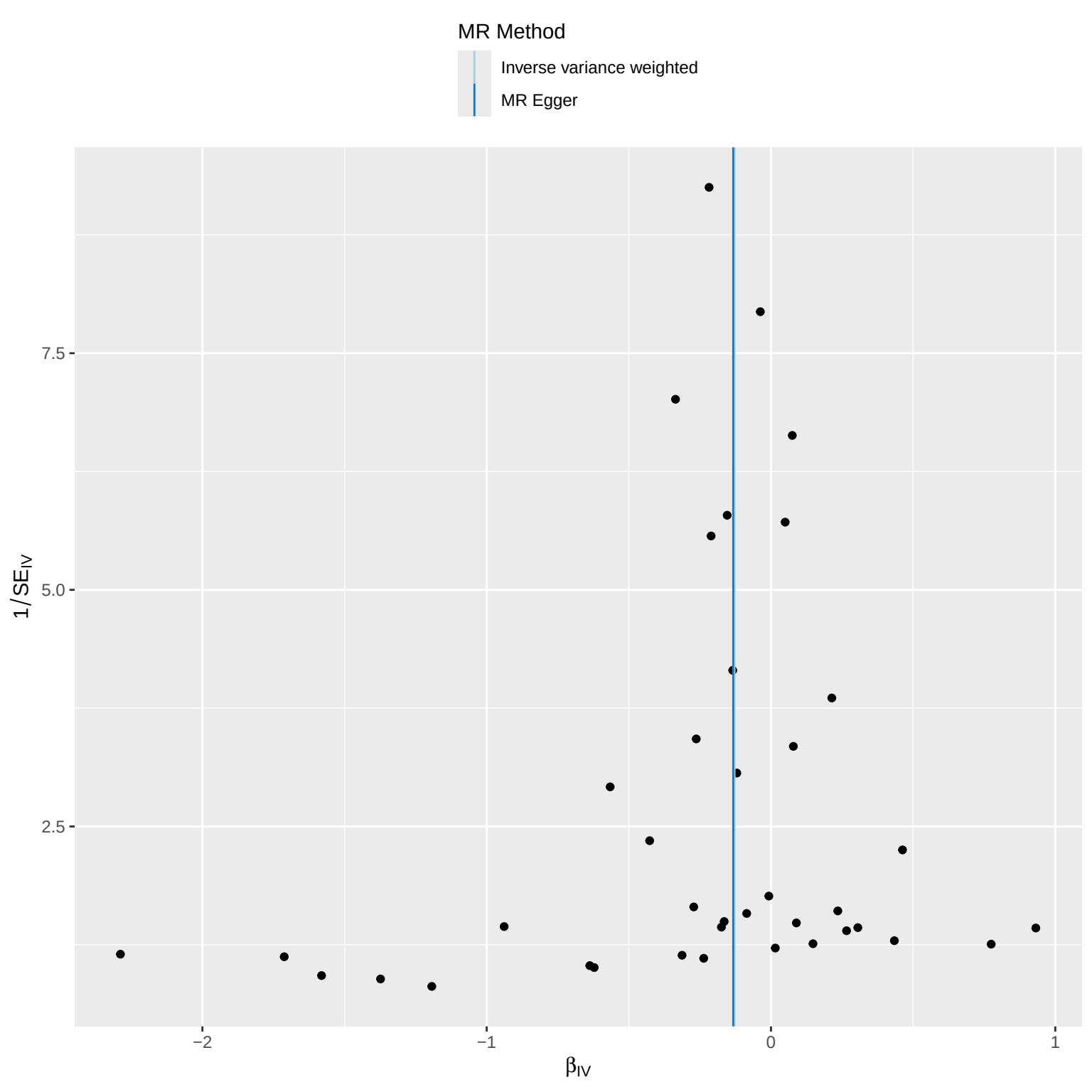

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1.0
−0.5
0.0
0.5
1.0
1.5

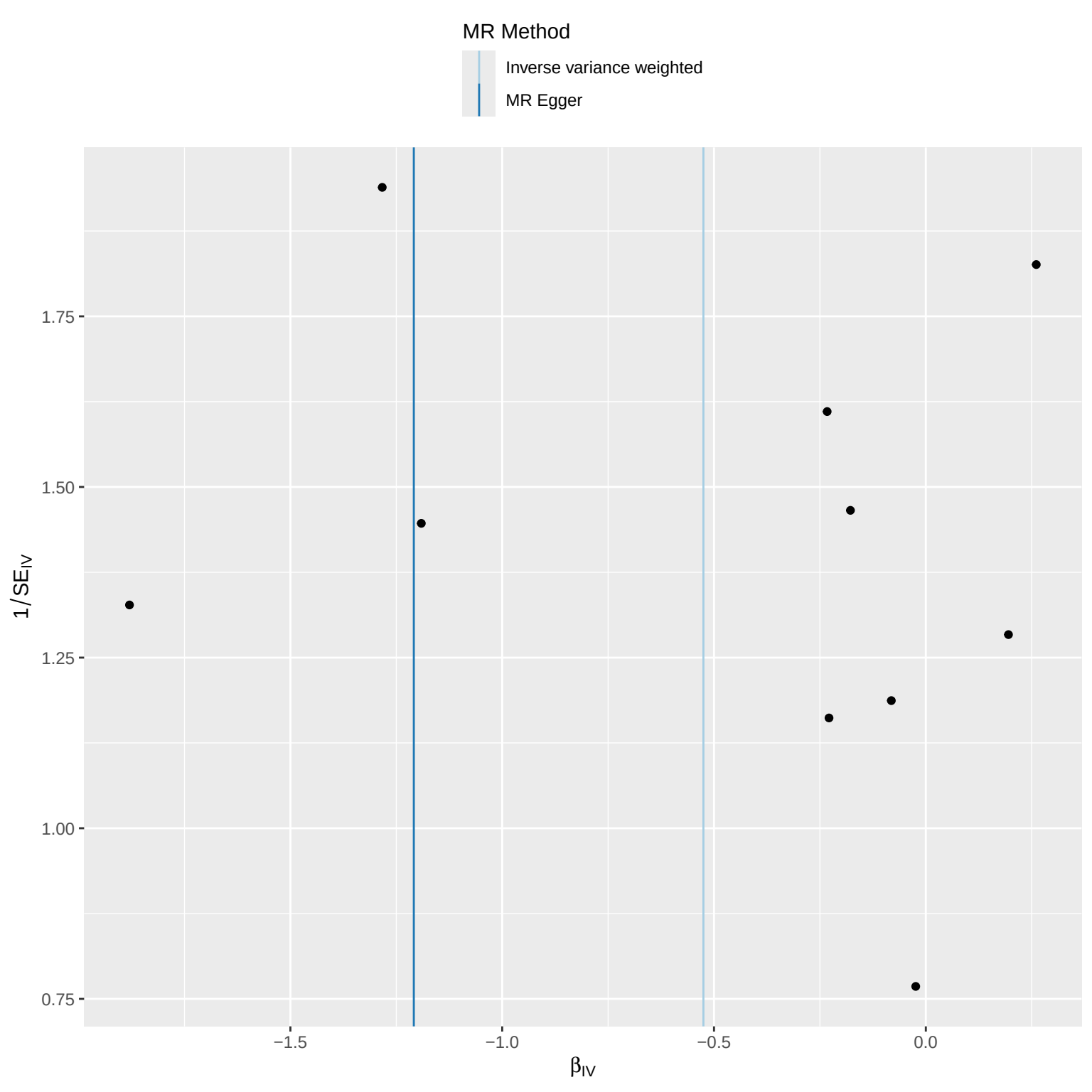

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

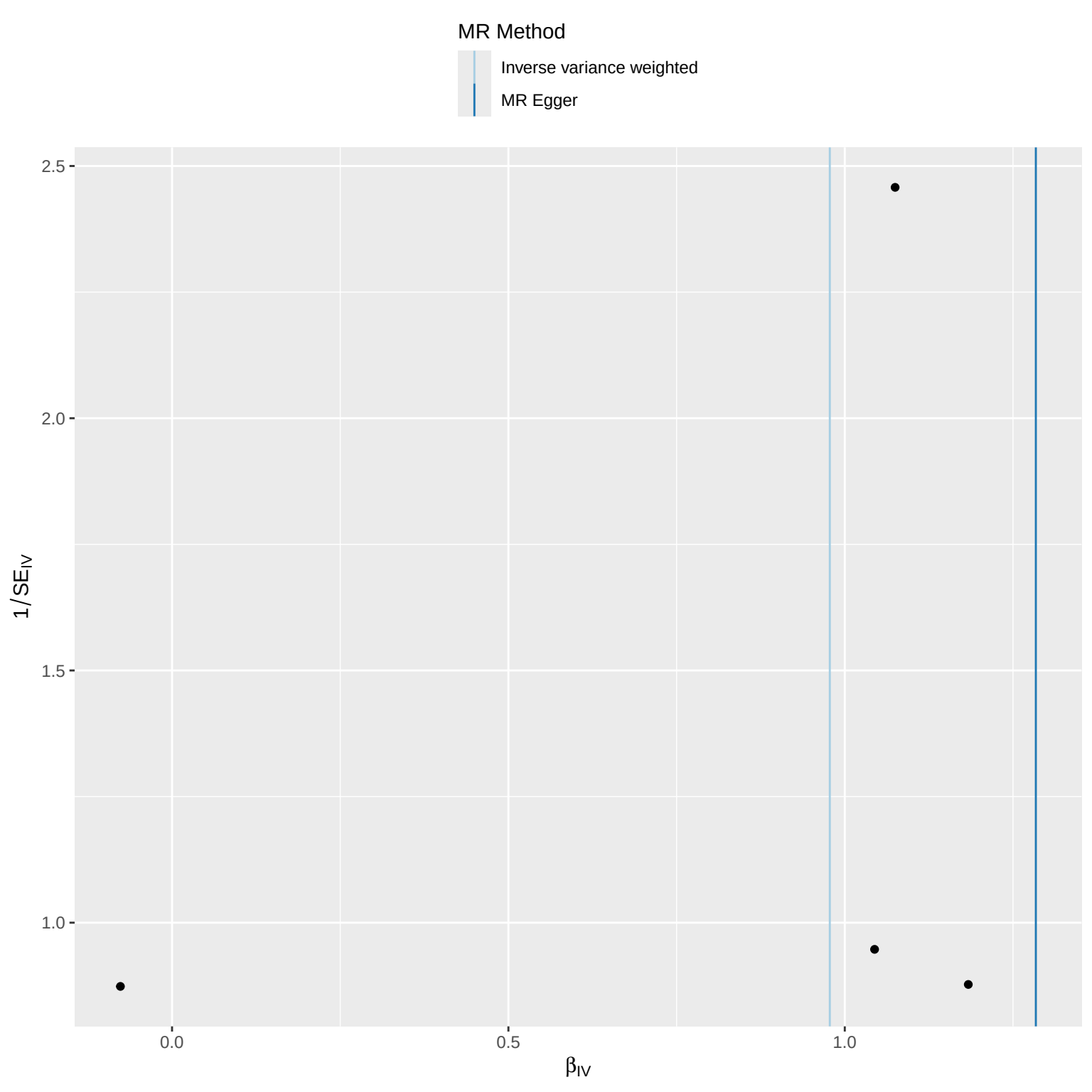

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

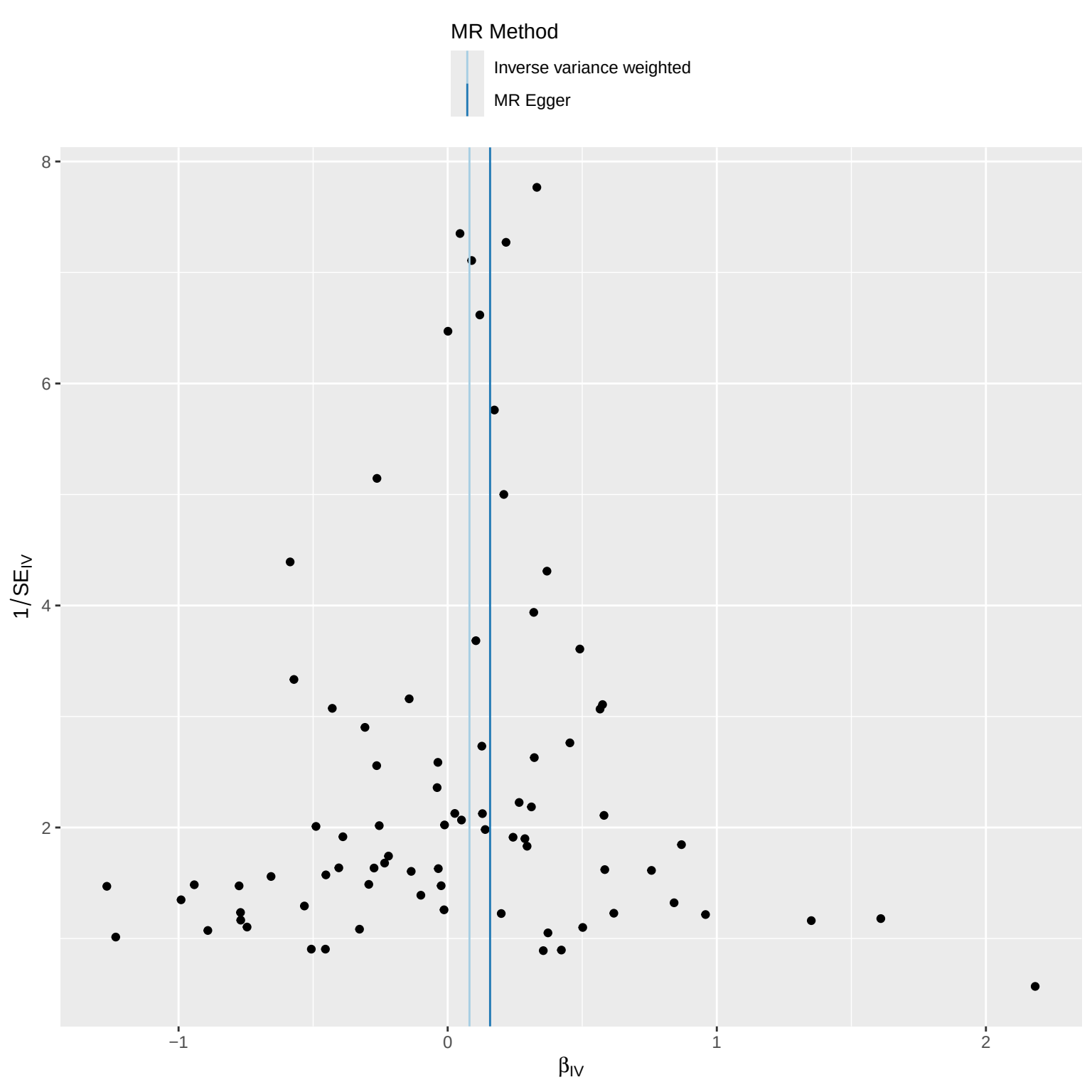

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
3
β_IV

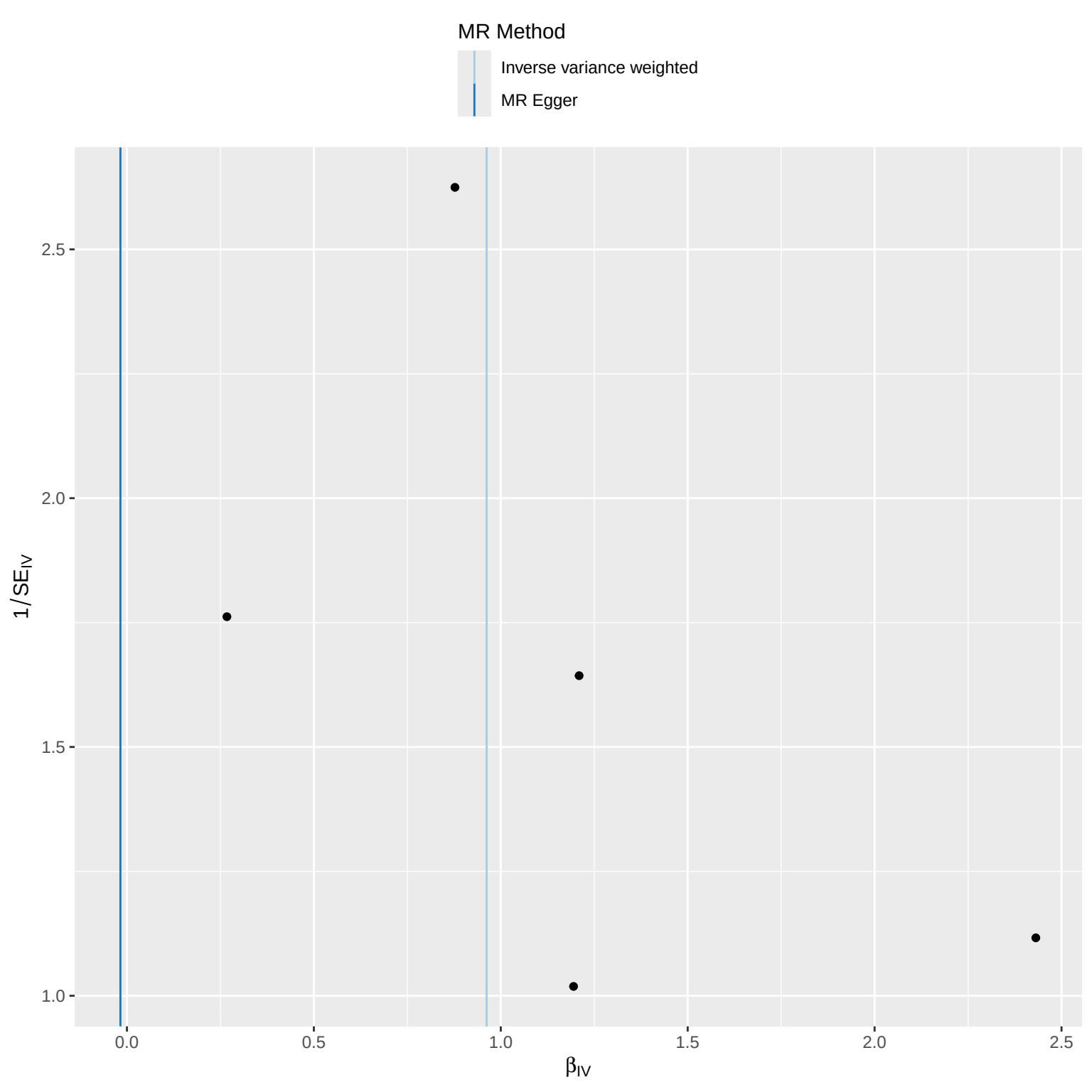

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

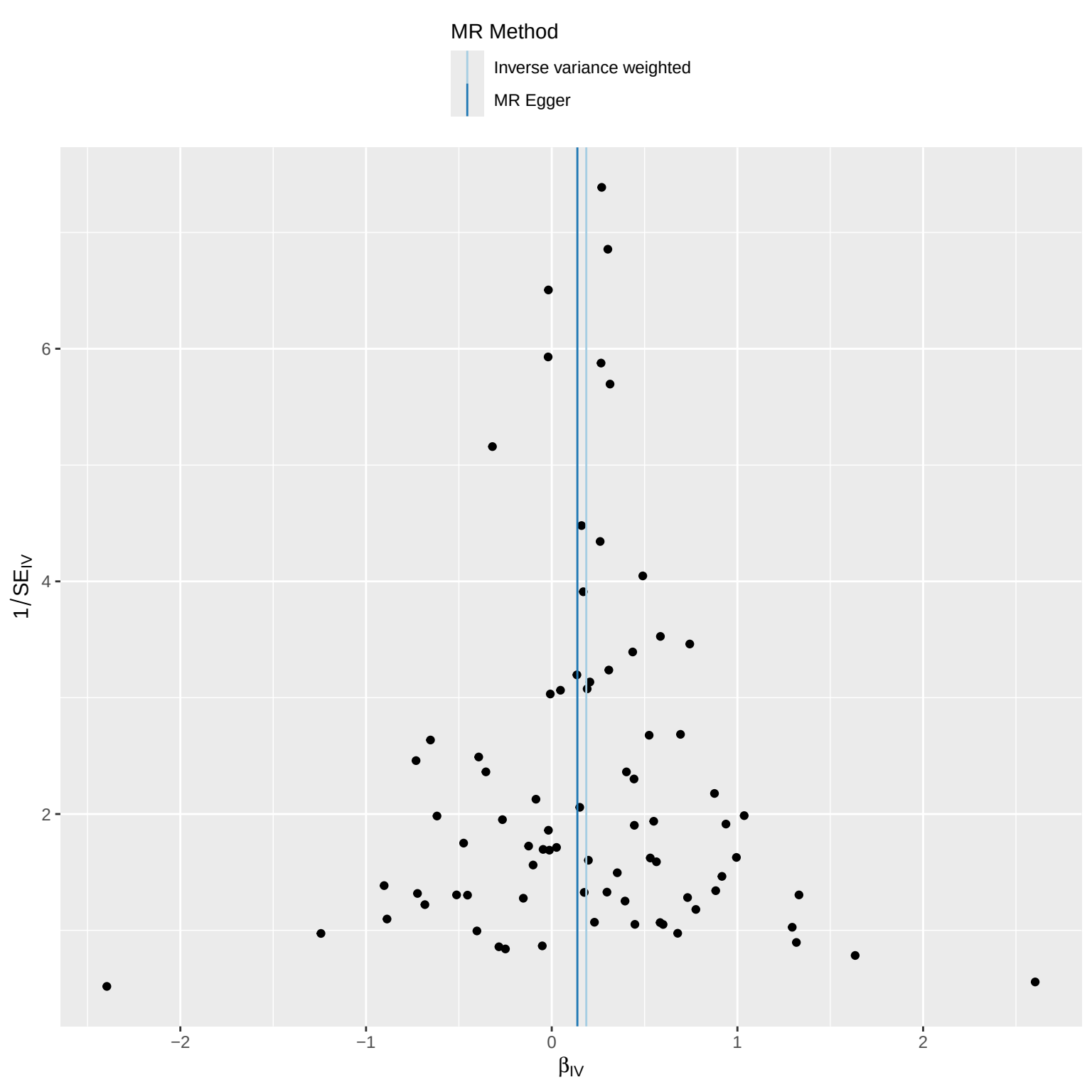

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

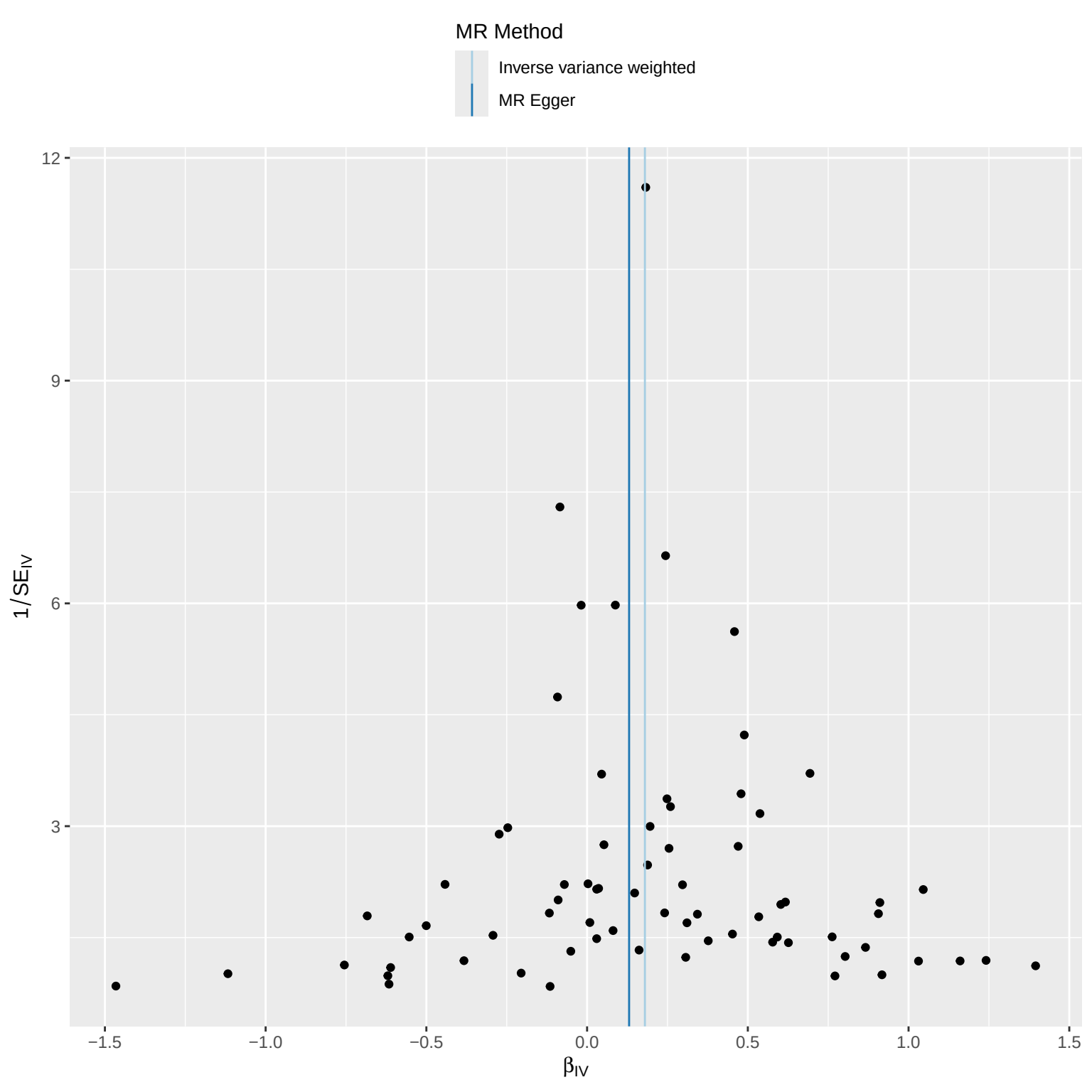

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

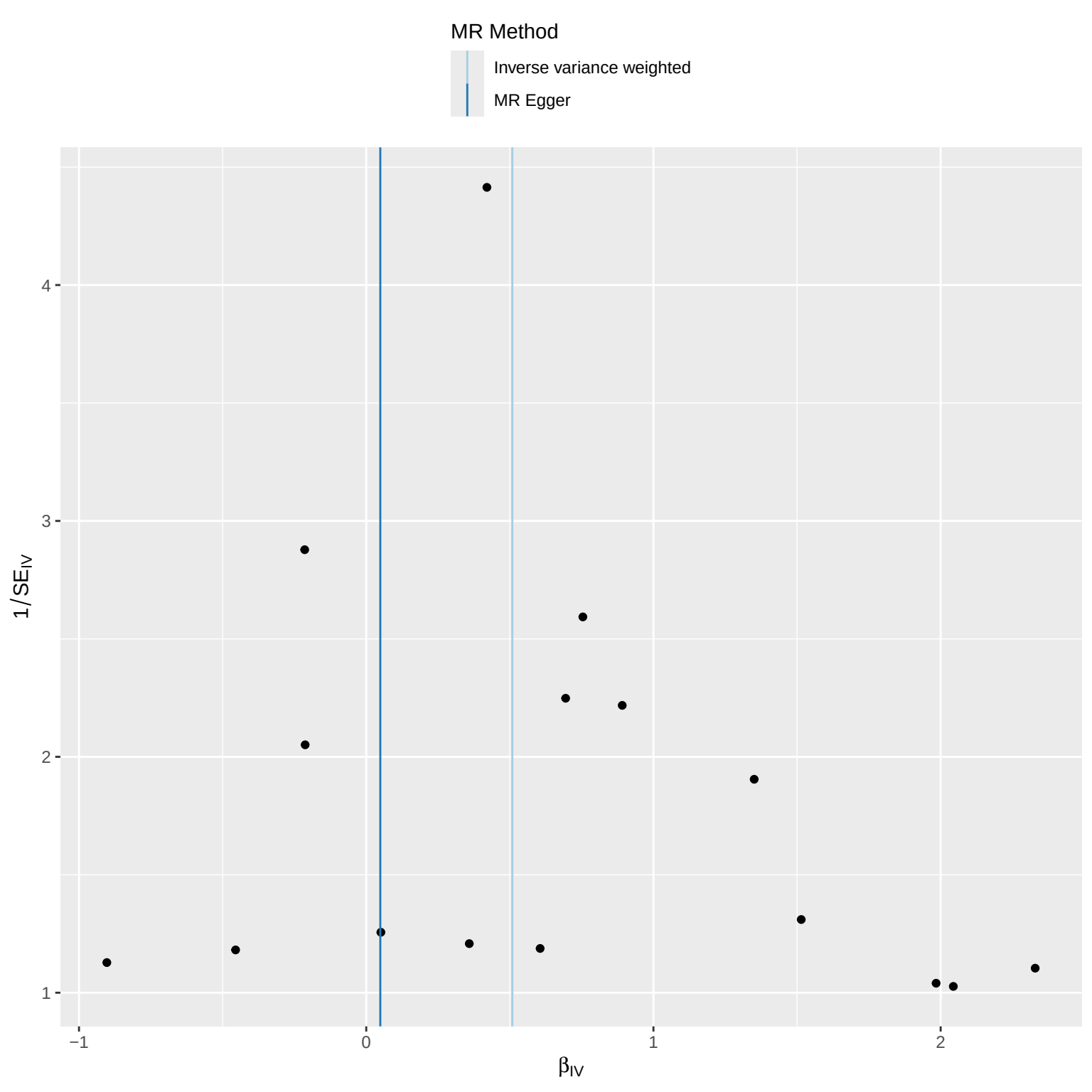

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
β_IV

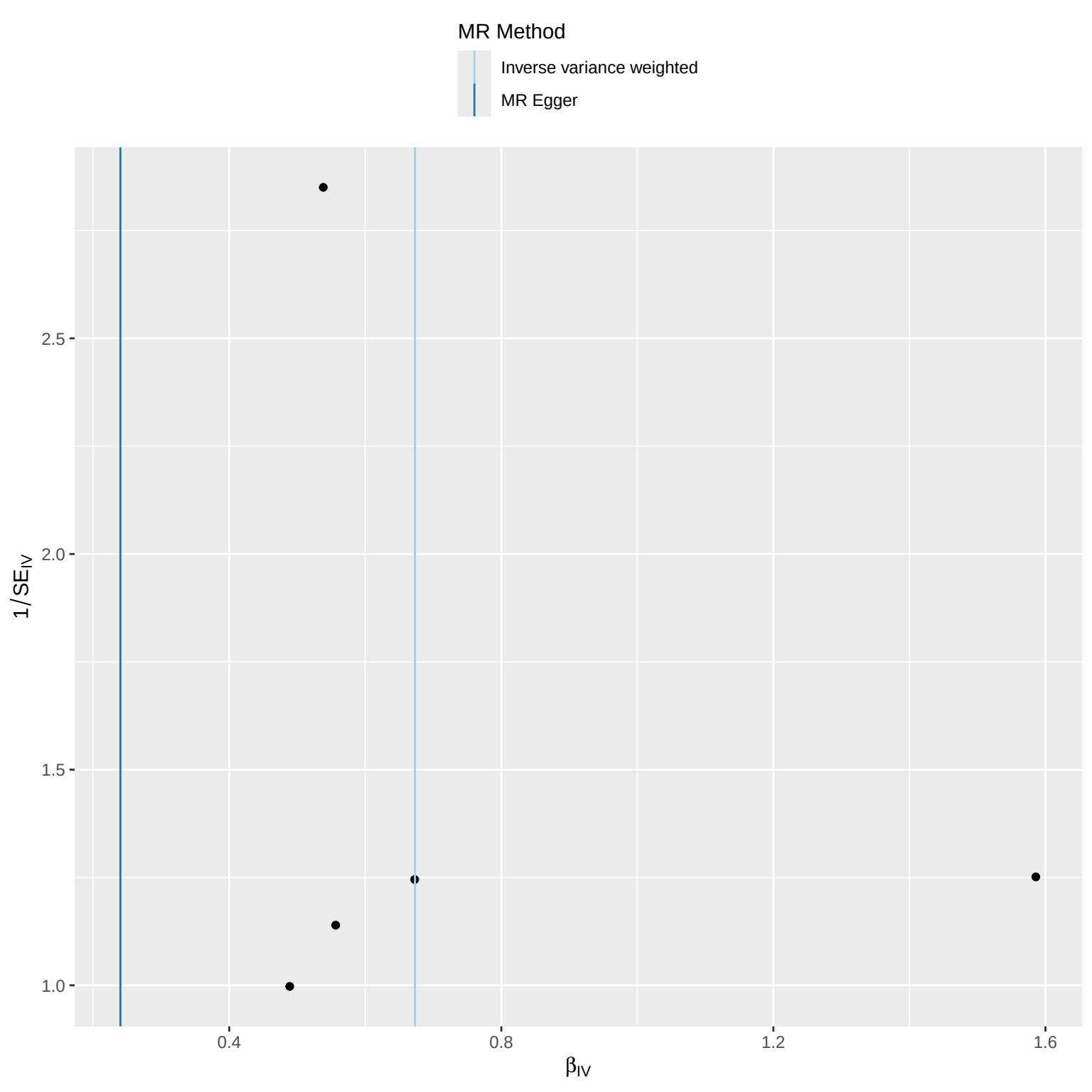

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

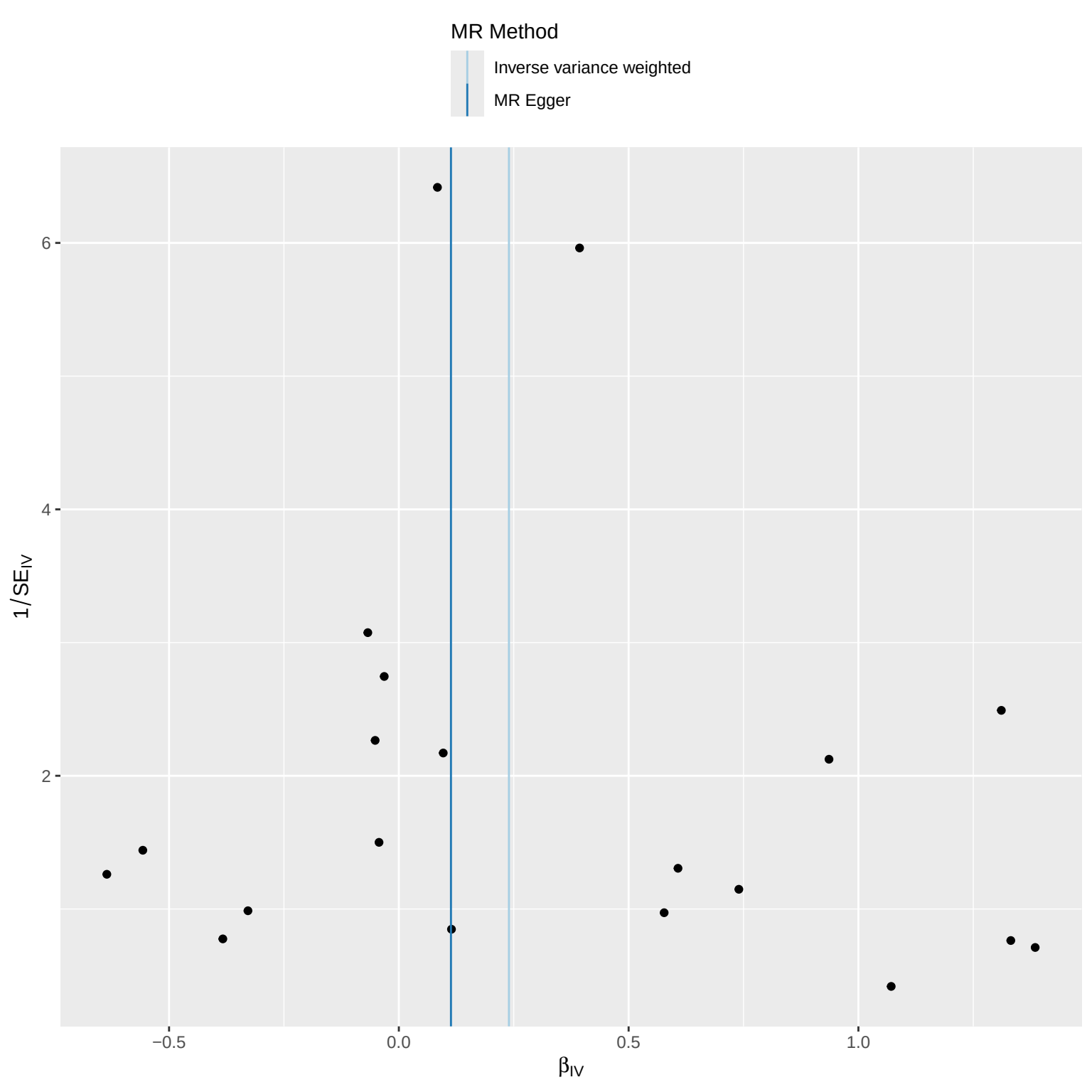

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

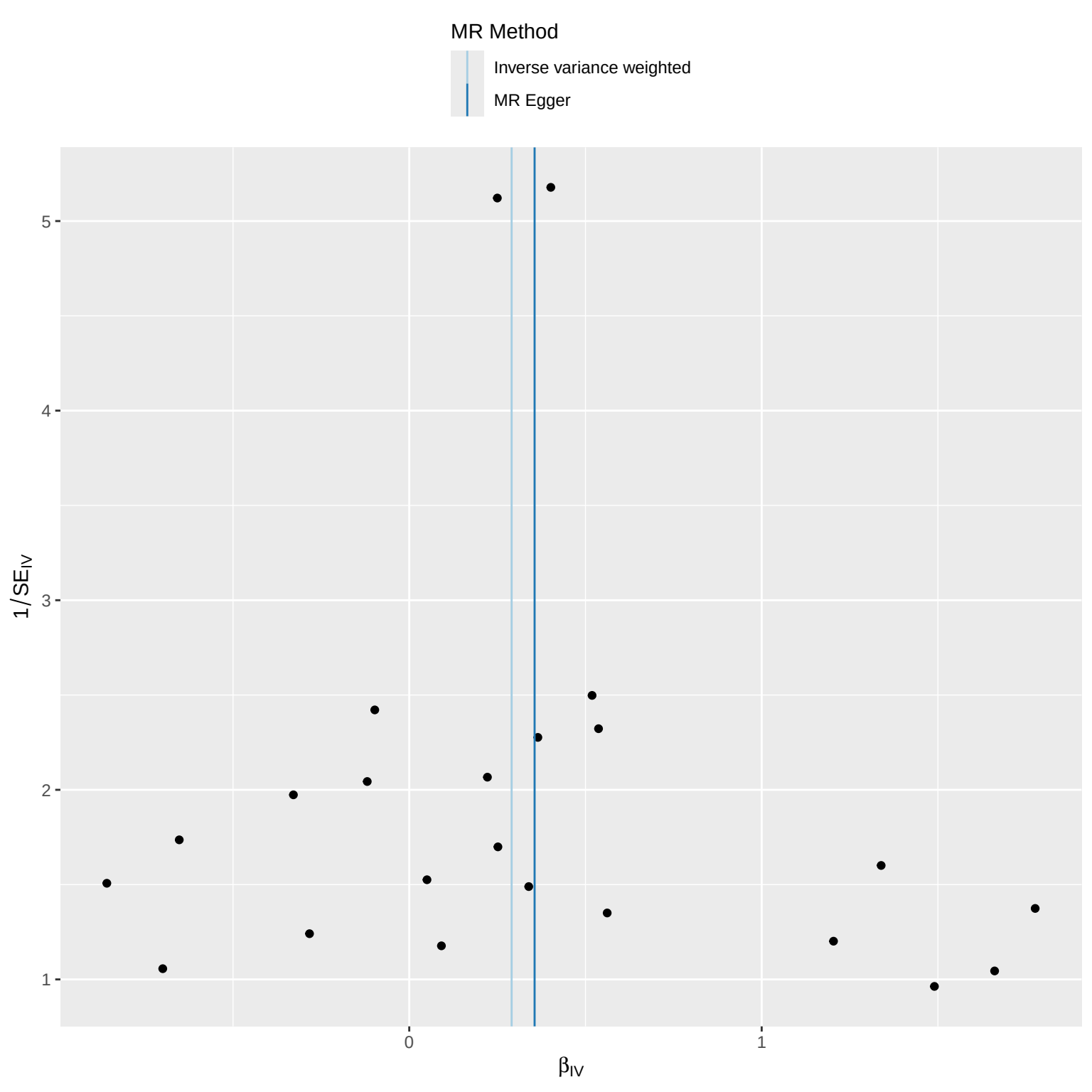

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

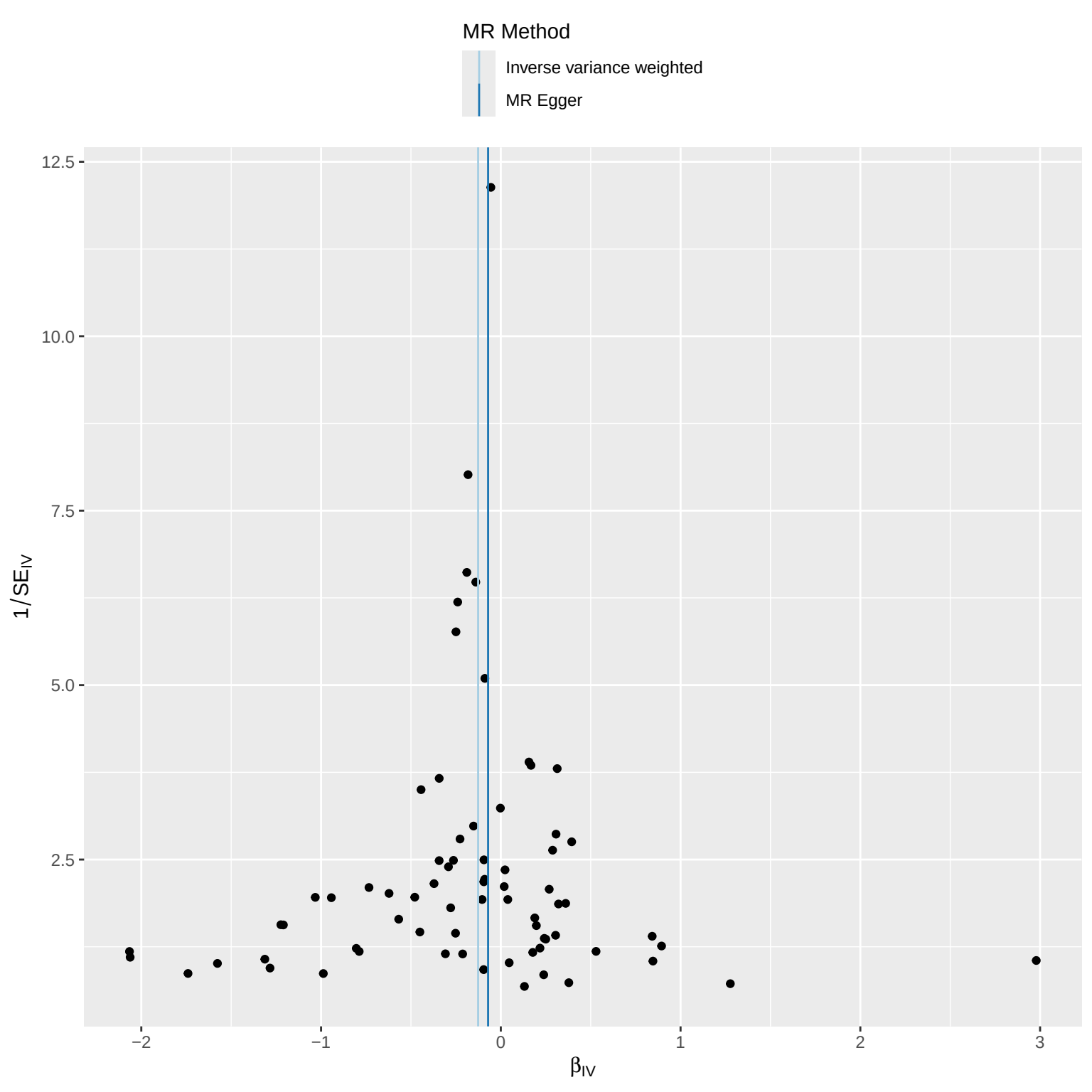

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

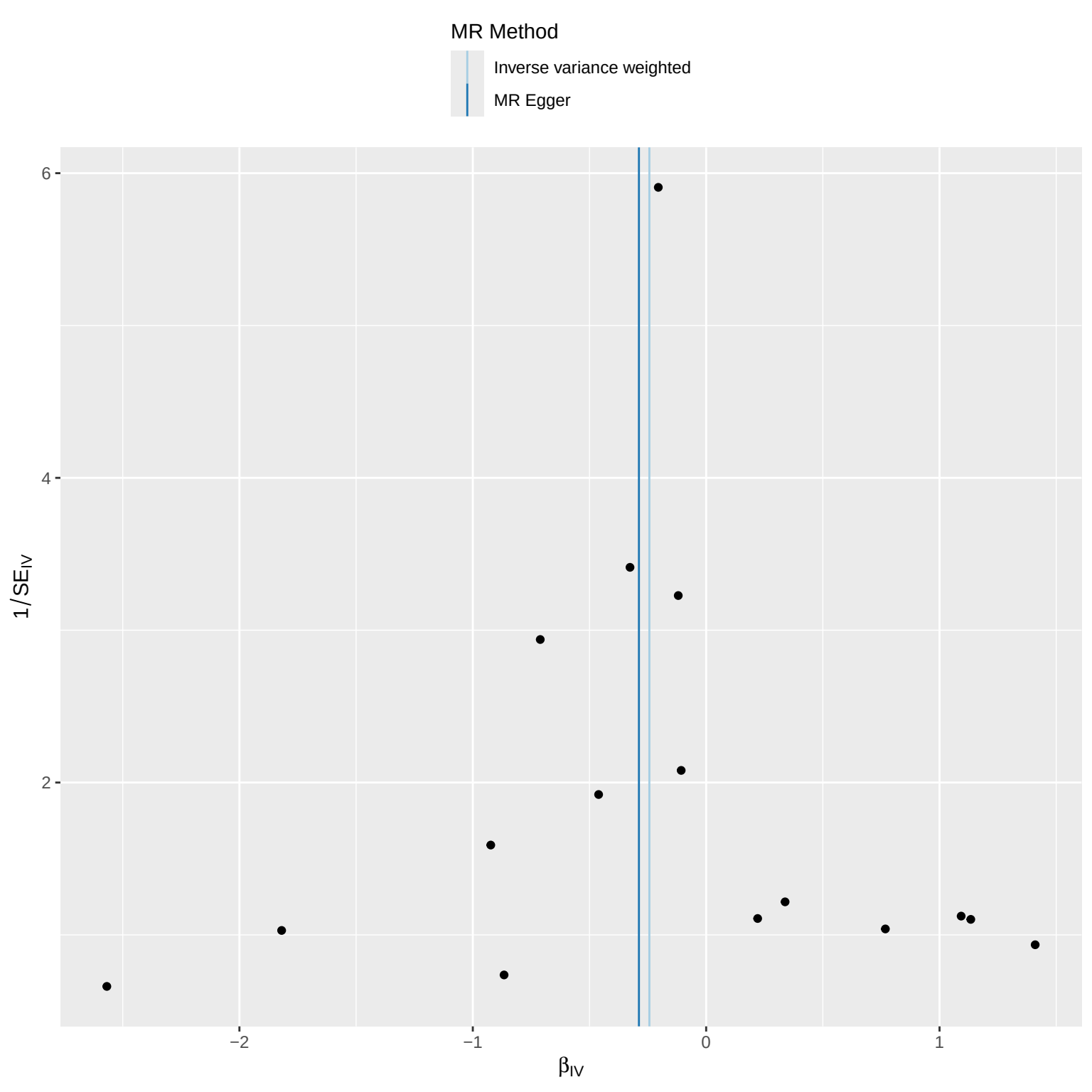

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

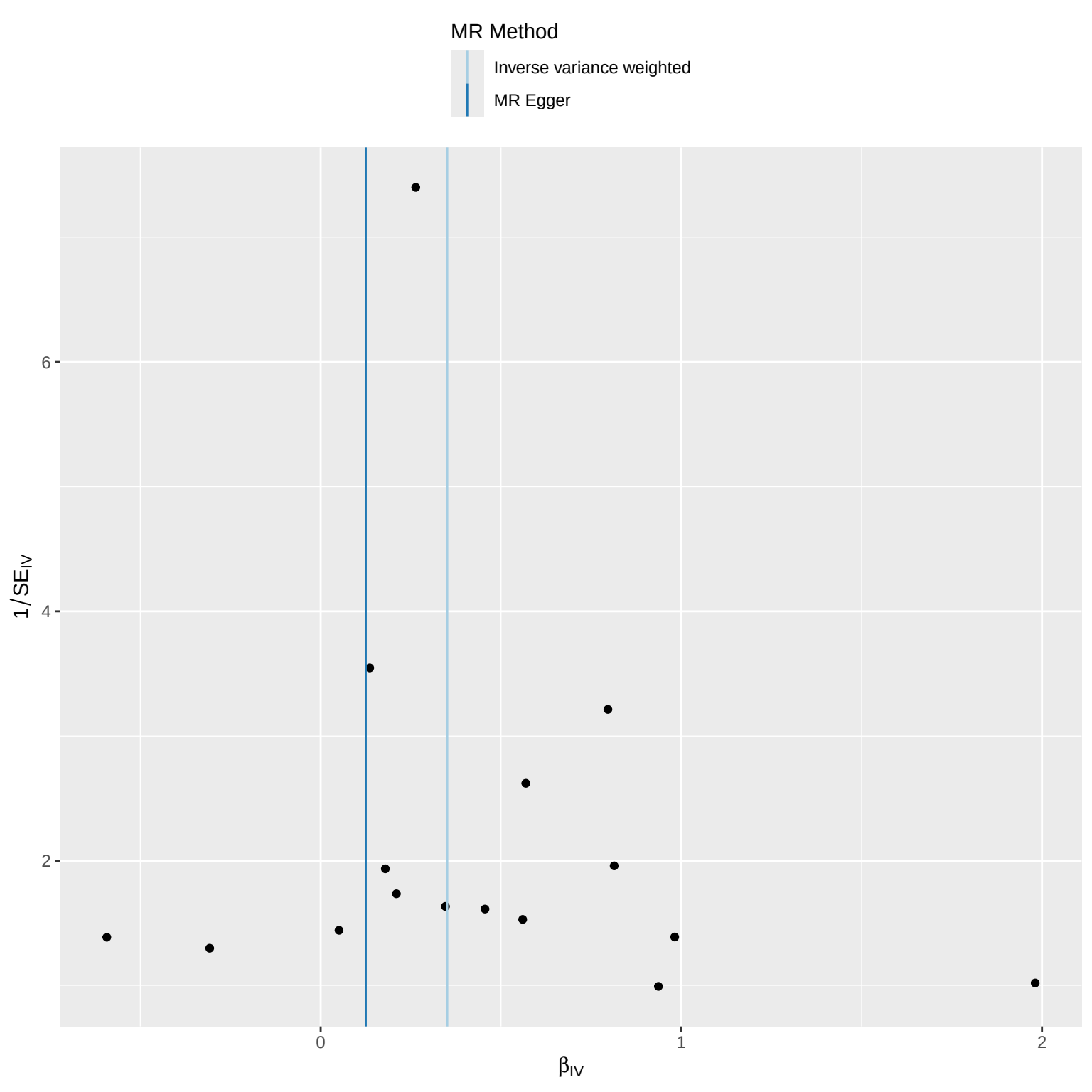

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.4
0.8
1.2
1.6
β_IV

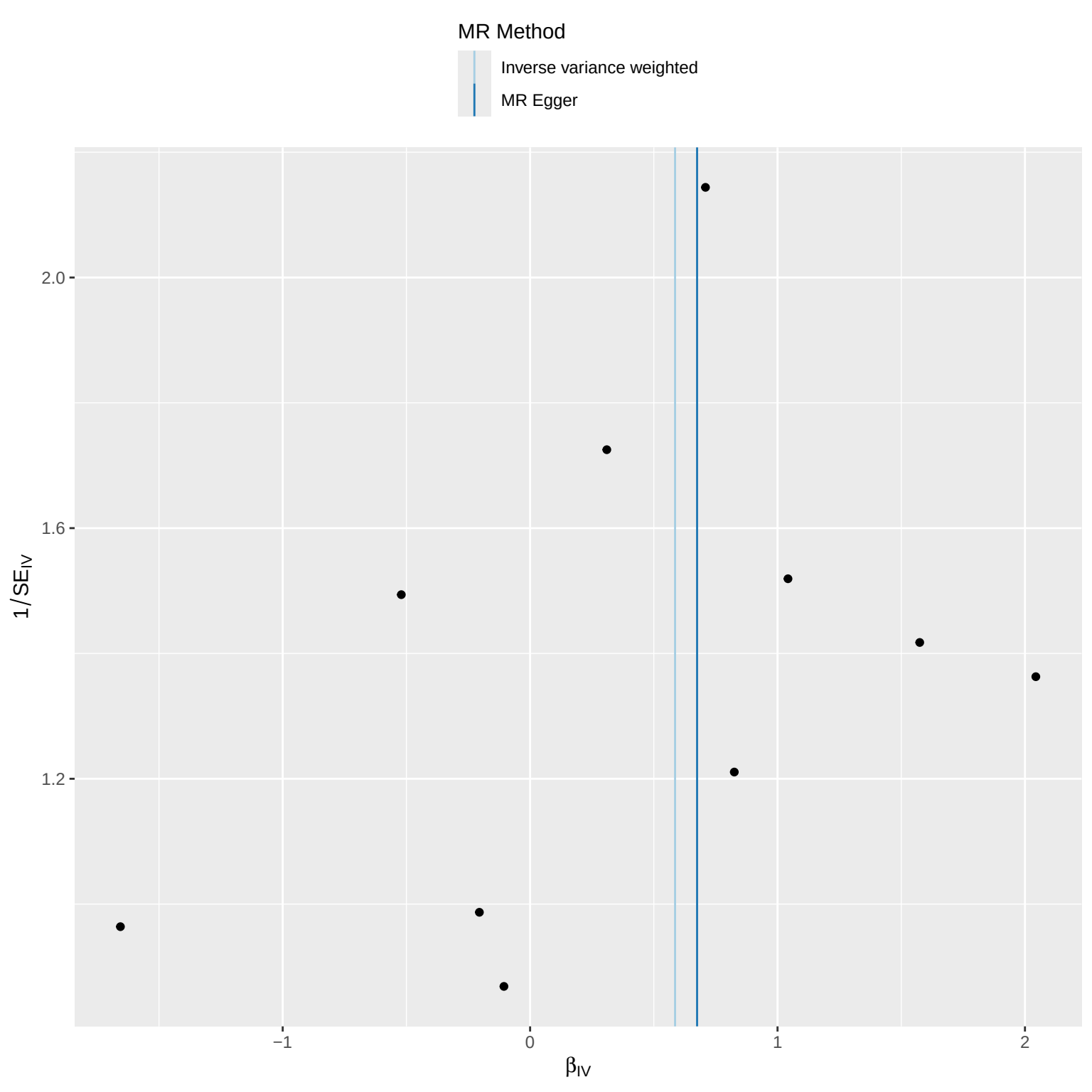

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

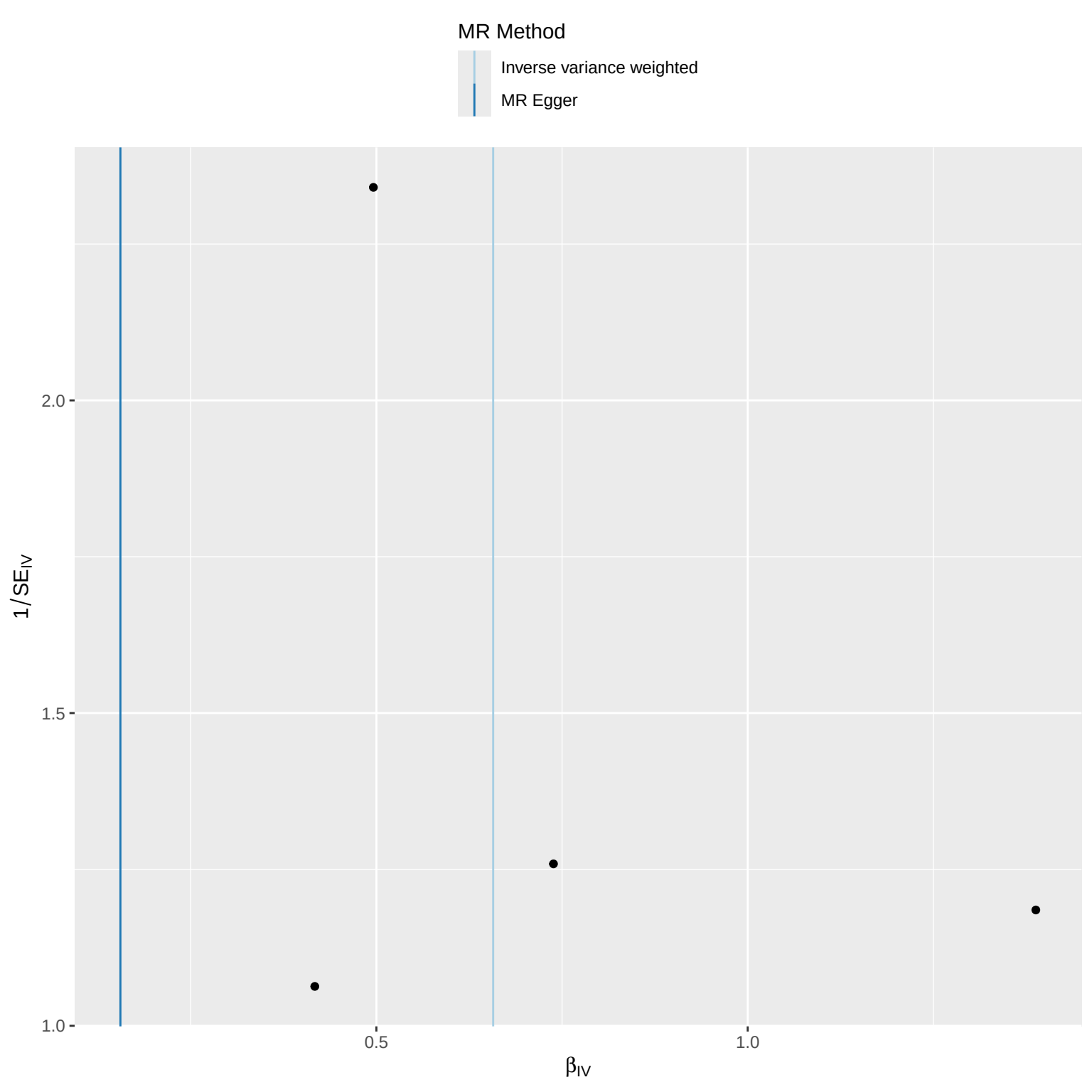

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
1
β_IV

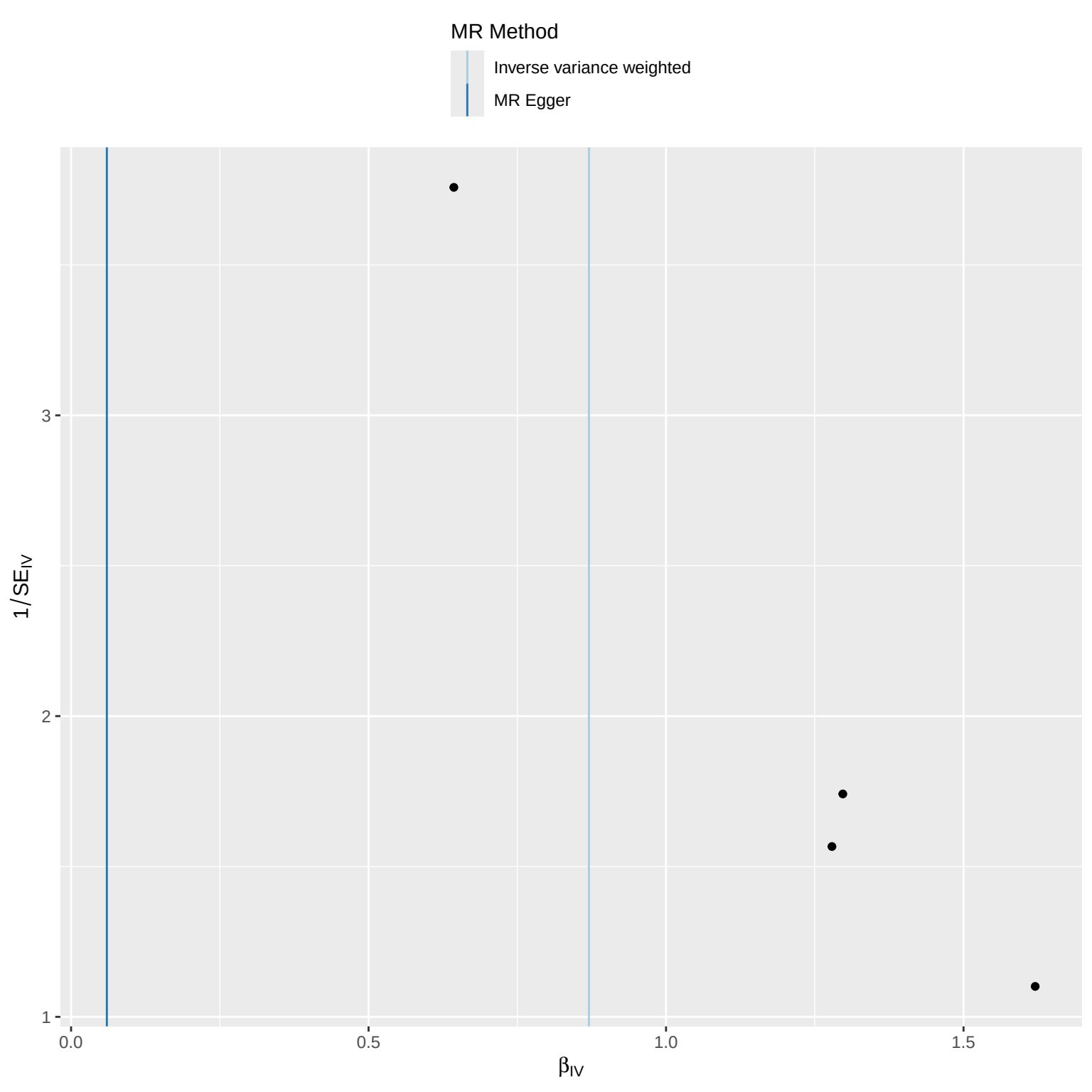

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

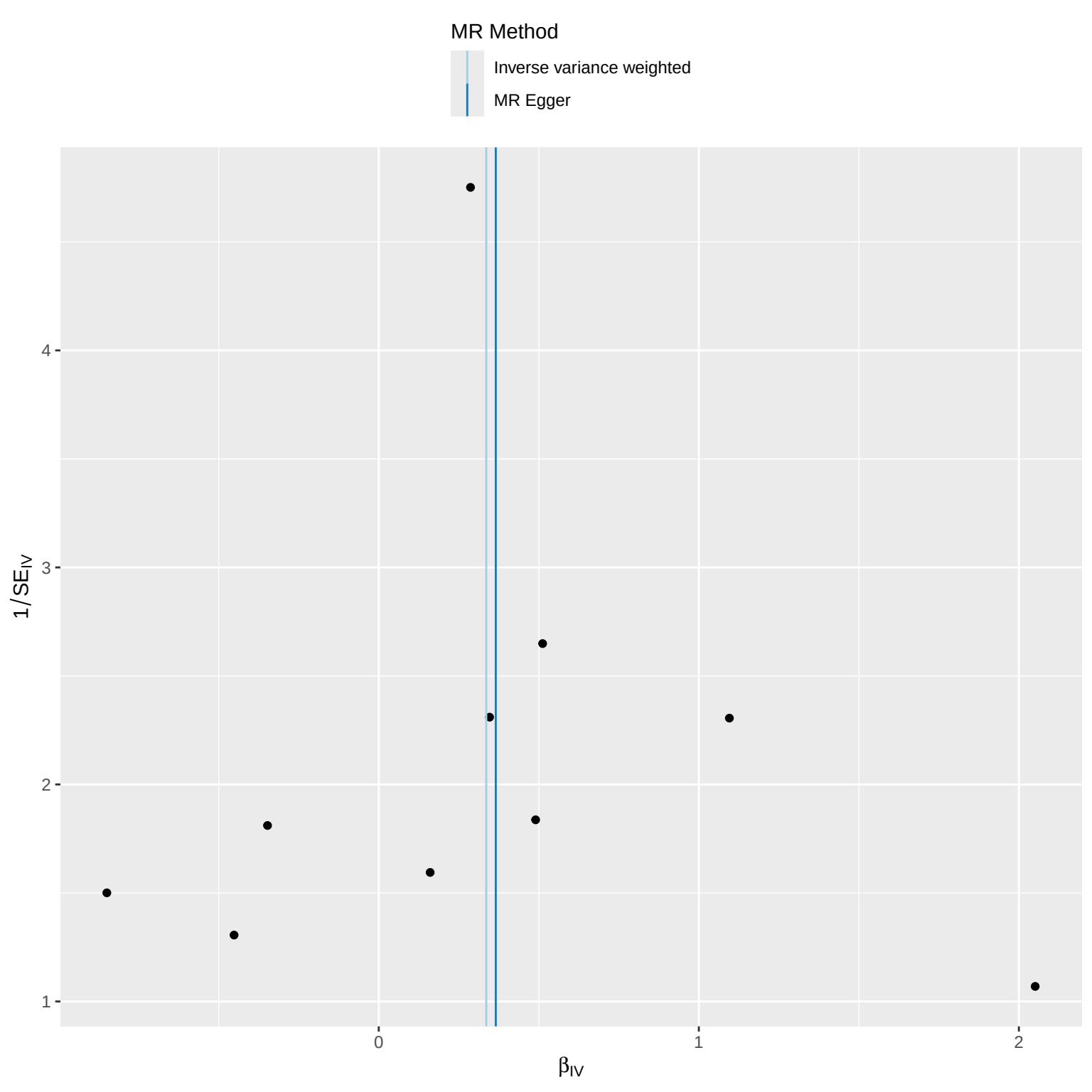

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

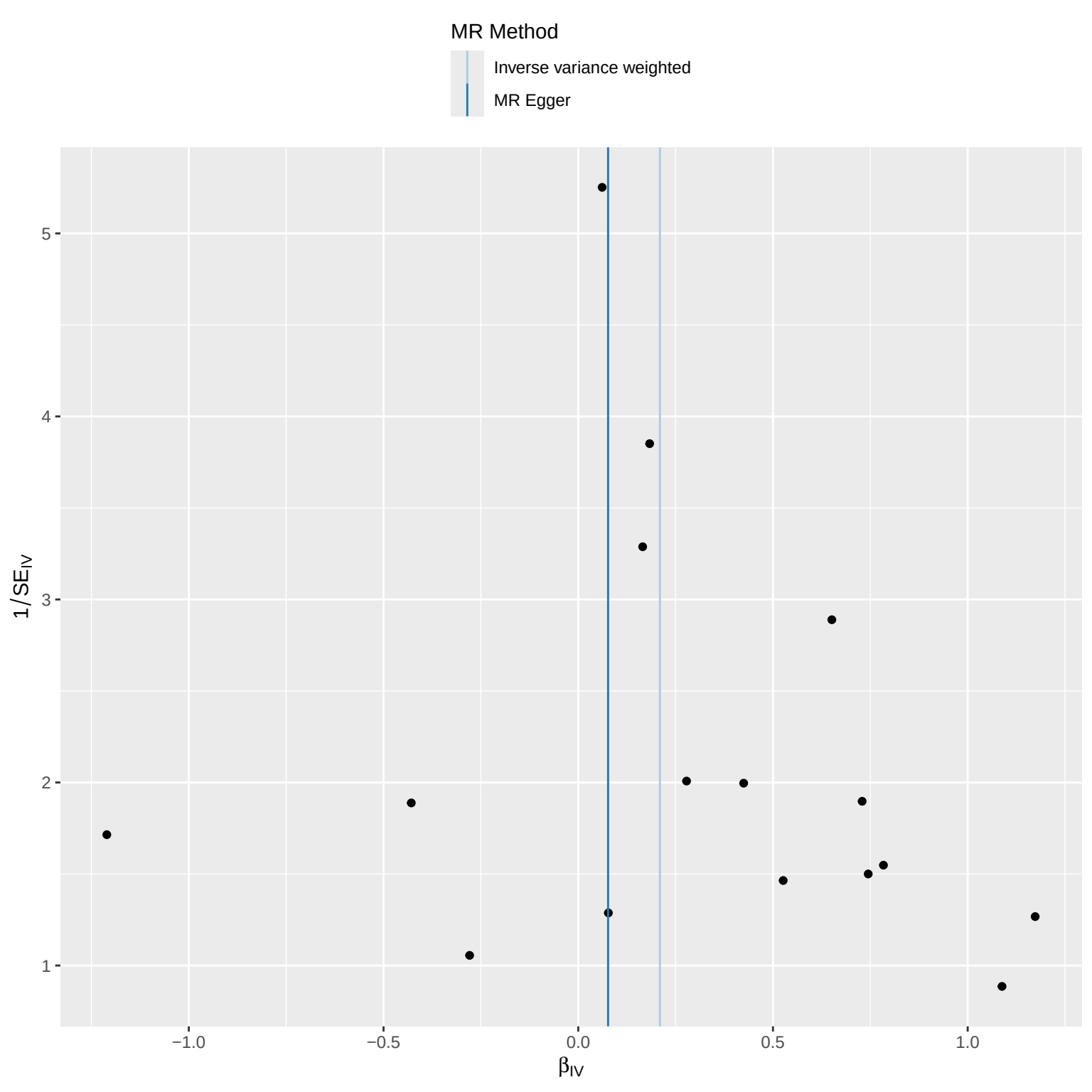

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

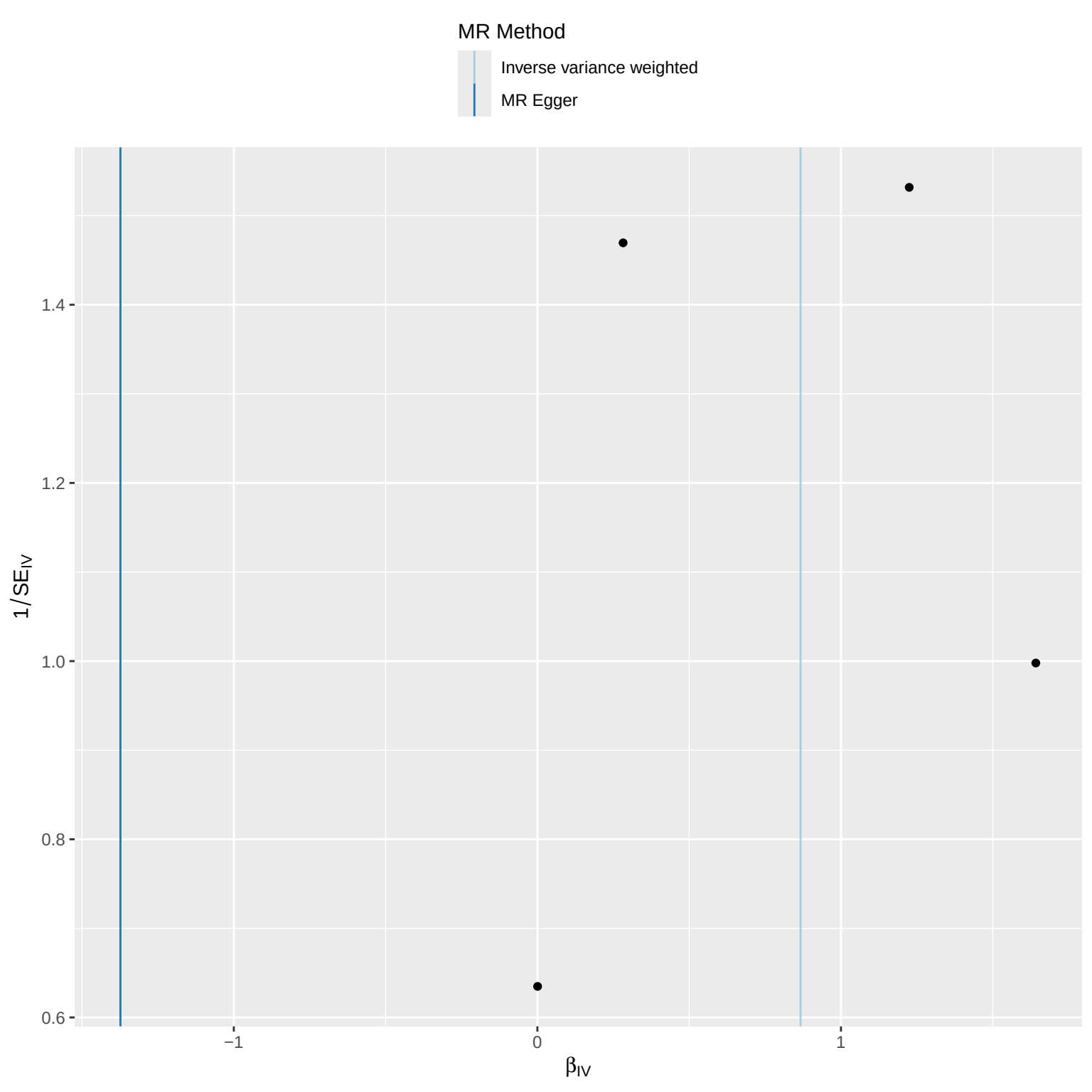

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
−1
0
1
2
β_IV

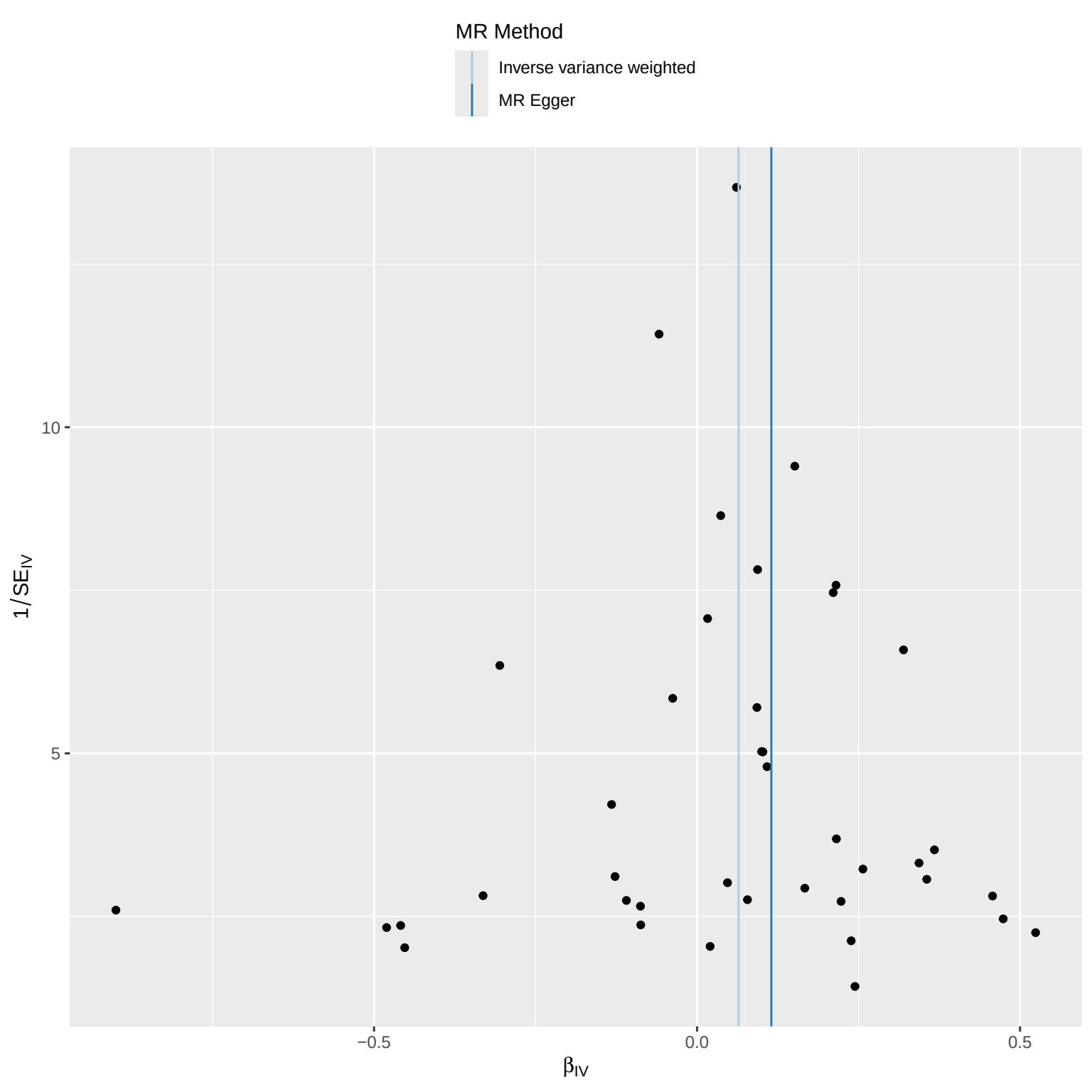

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1.0
1/SE_IV
β_IV

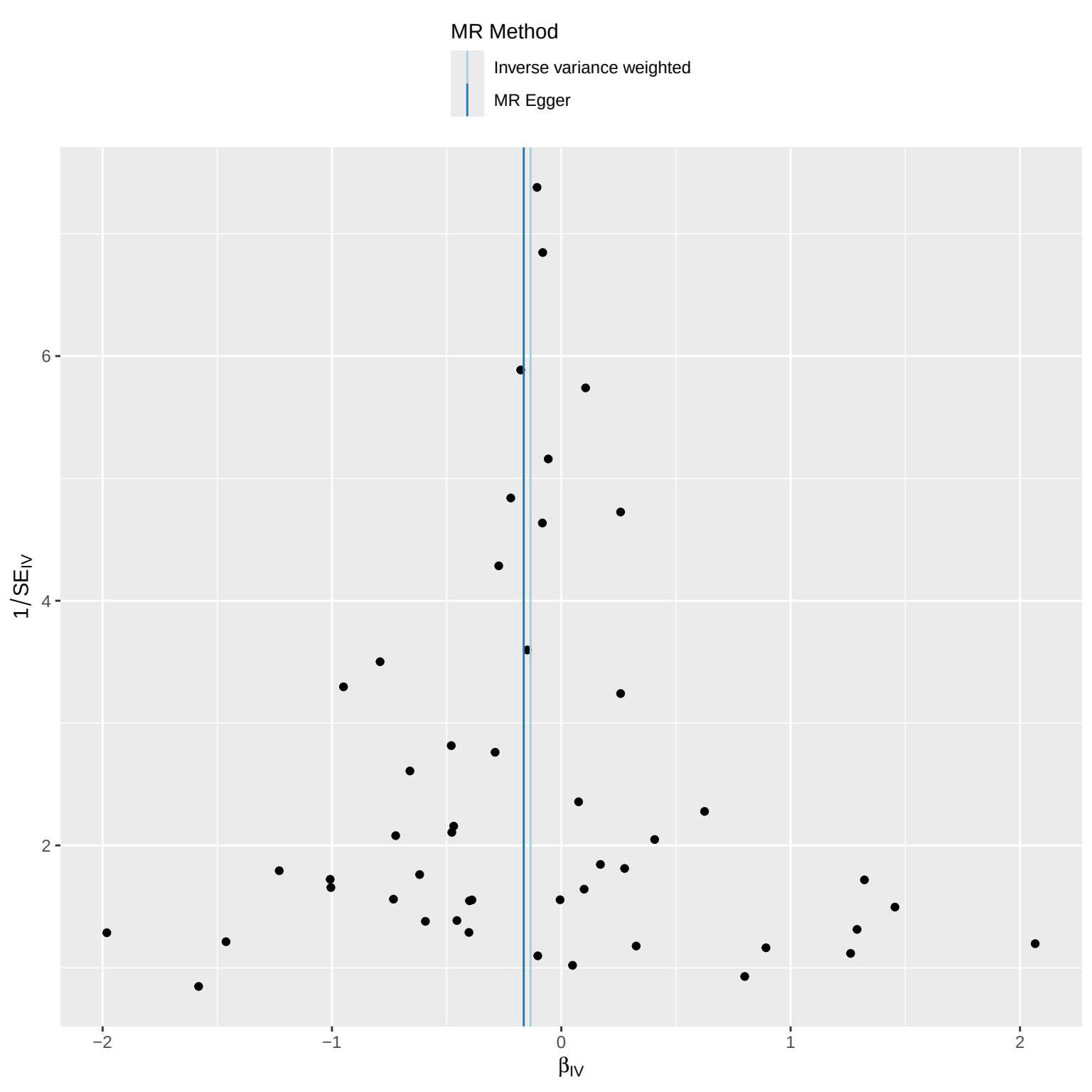

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

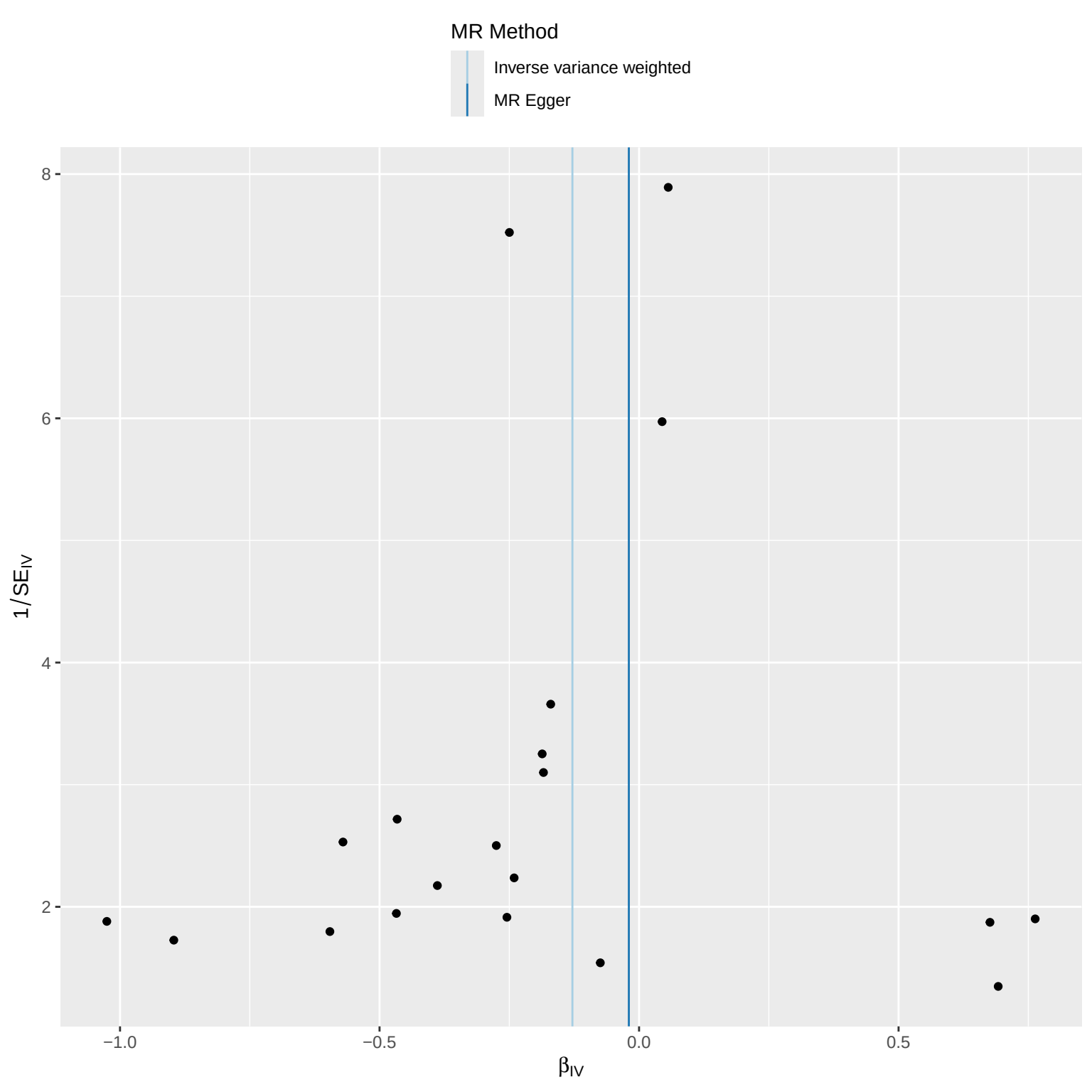

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0
1
2
β_IV

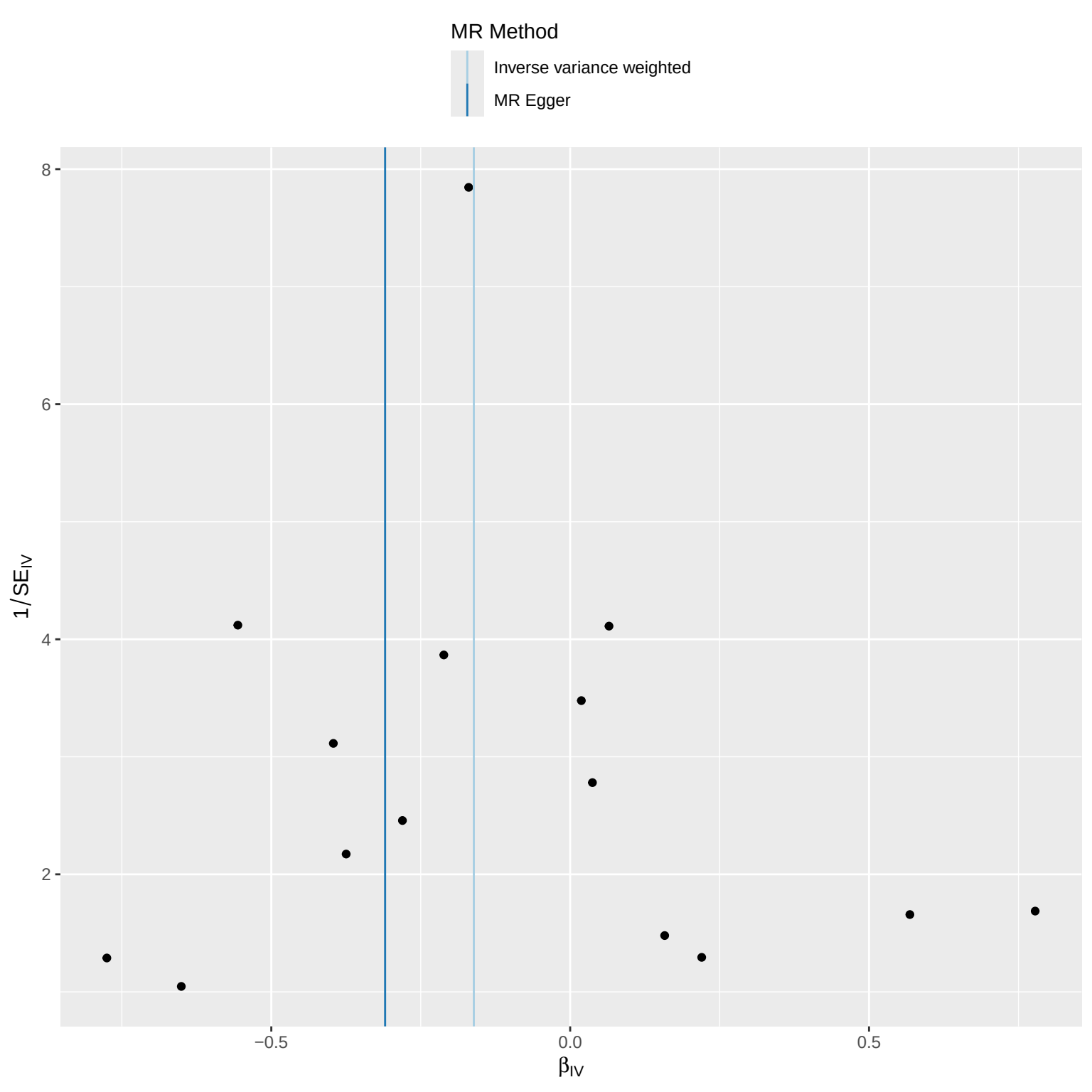

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1.0
−0.5
0.0
0.5
1.0

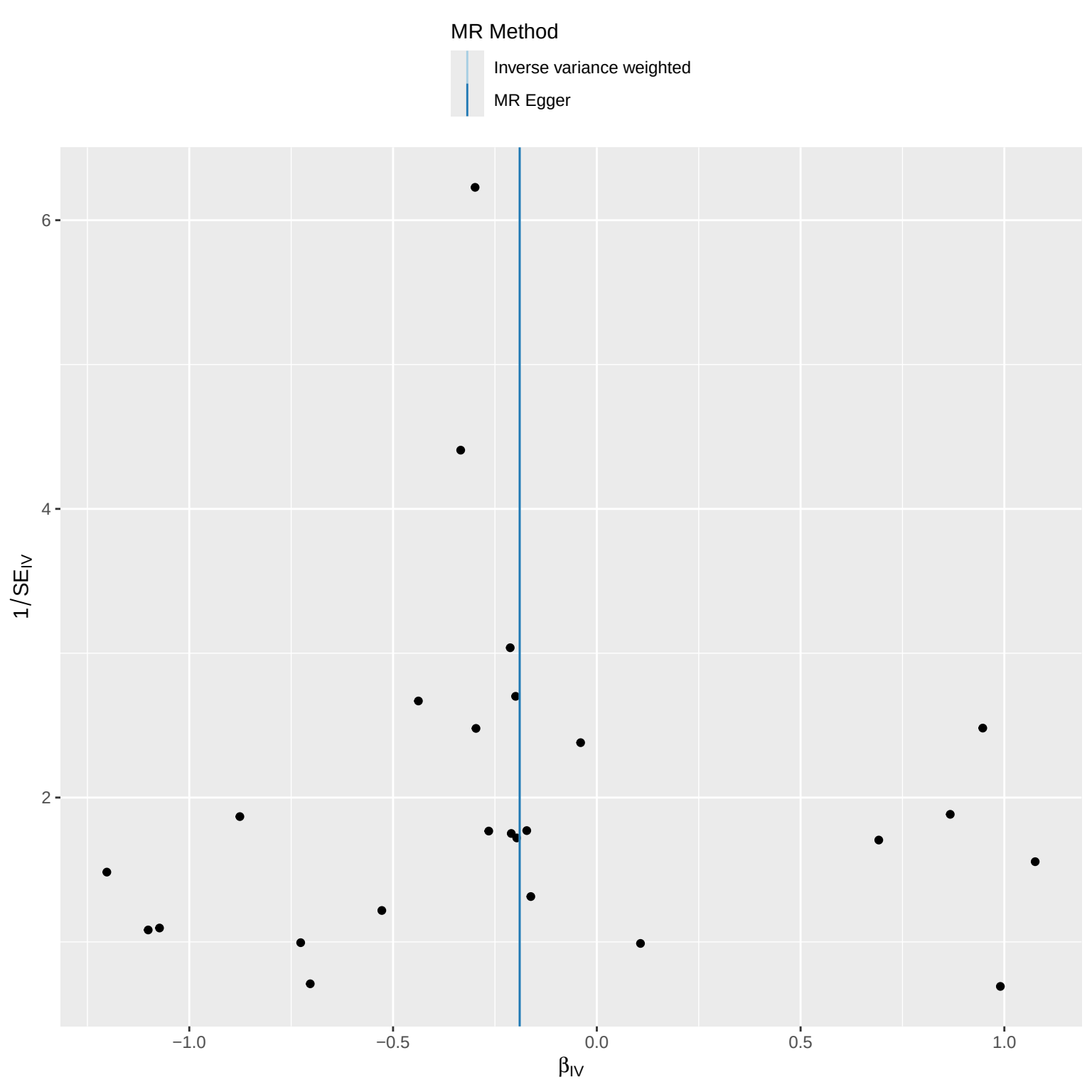

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
β_IV

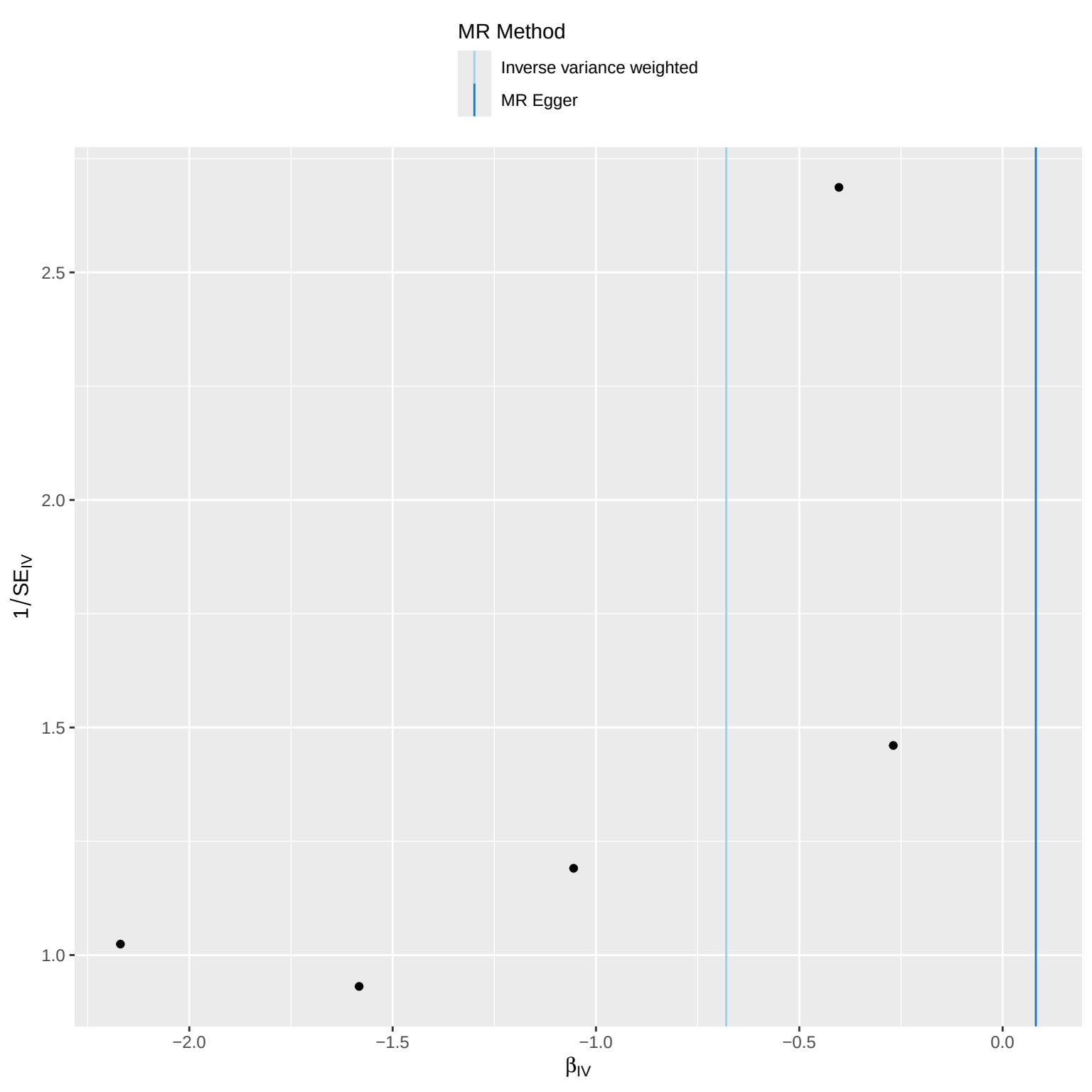

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.5
0.0
0.5
β_IV

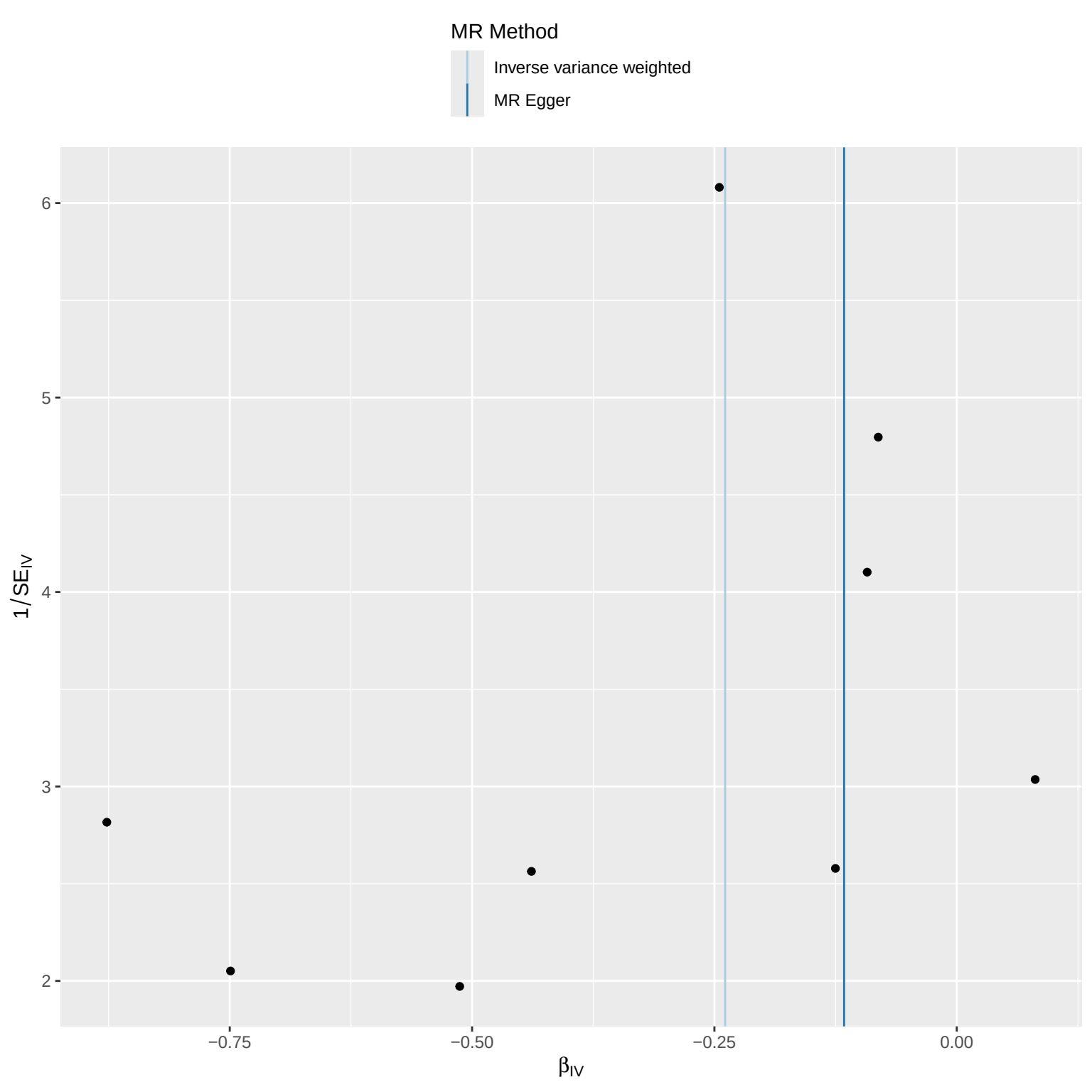

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

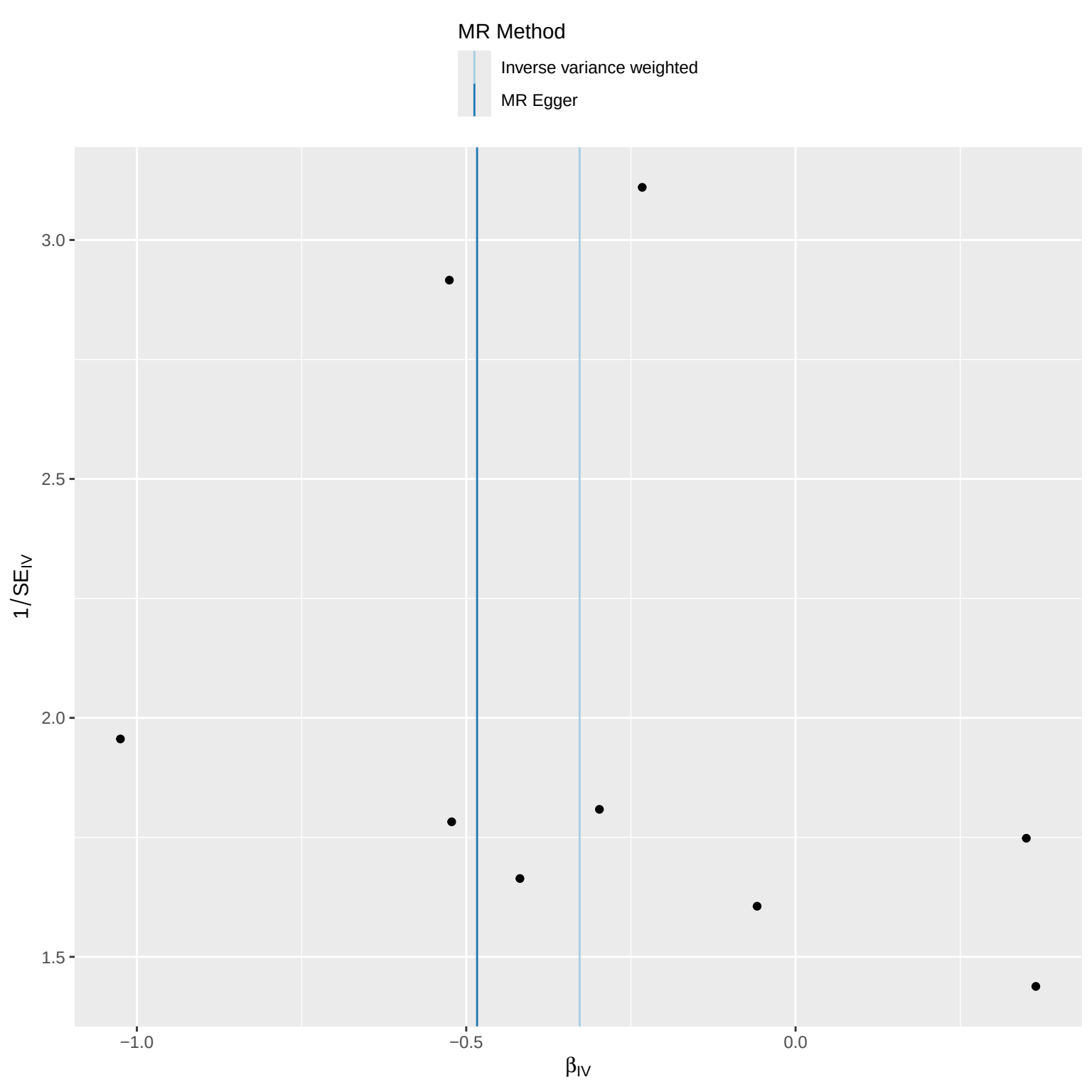

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

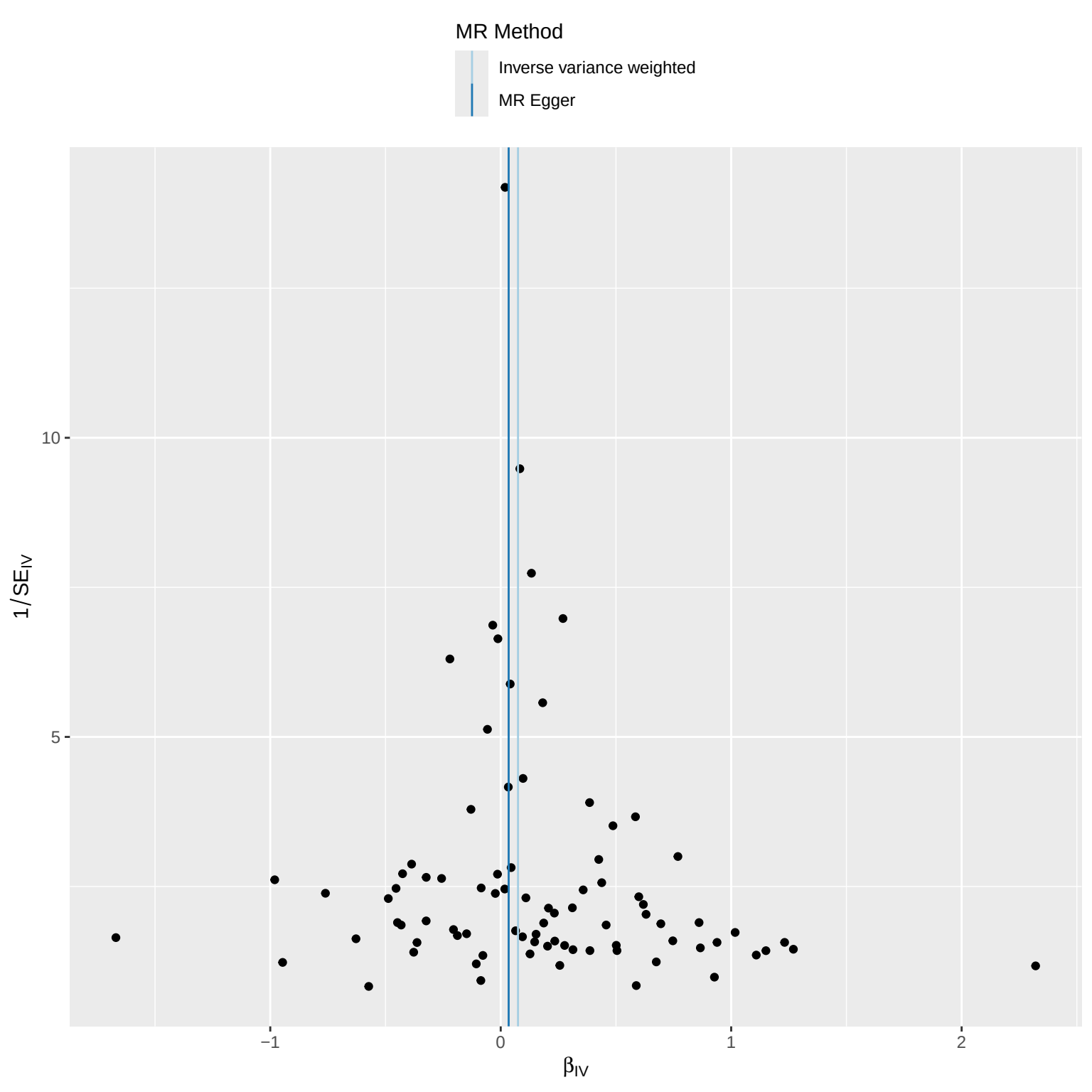

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

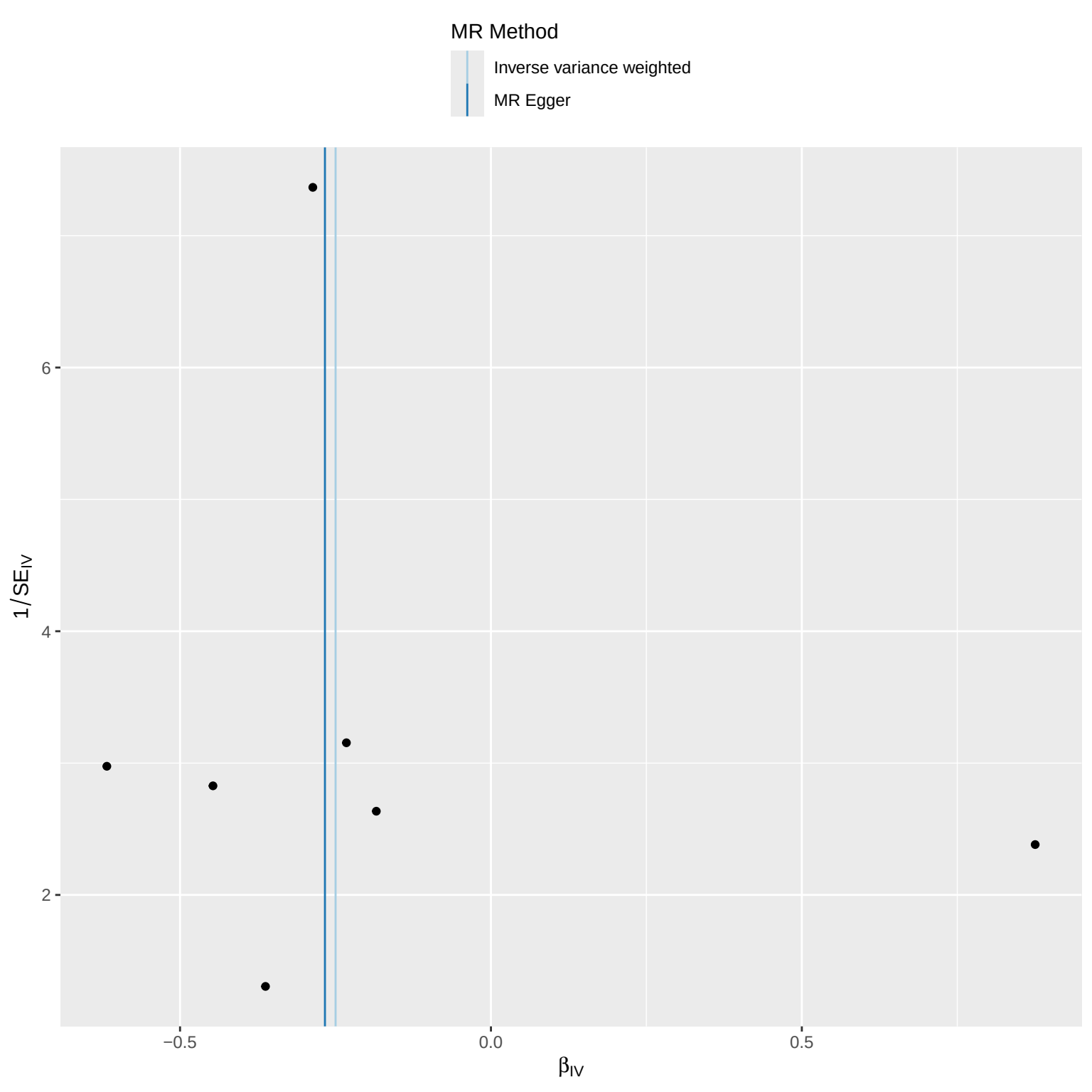

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

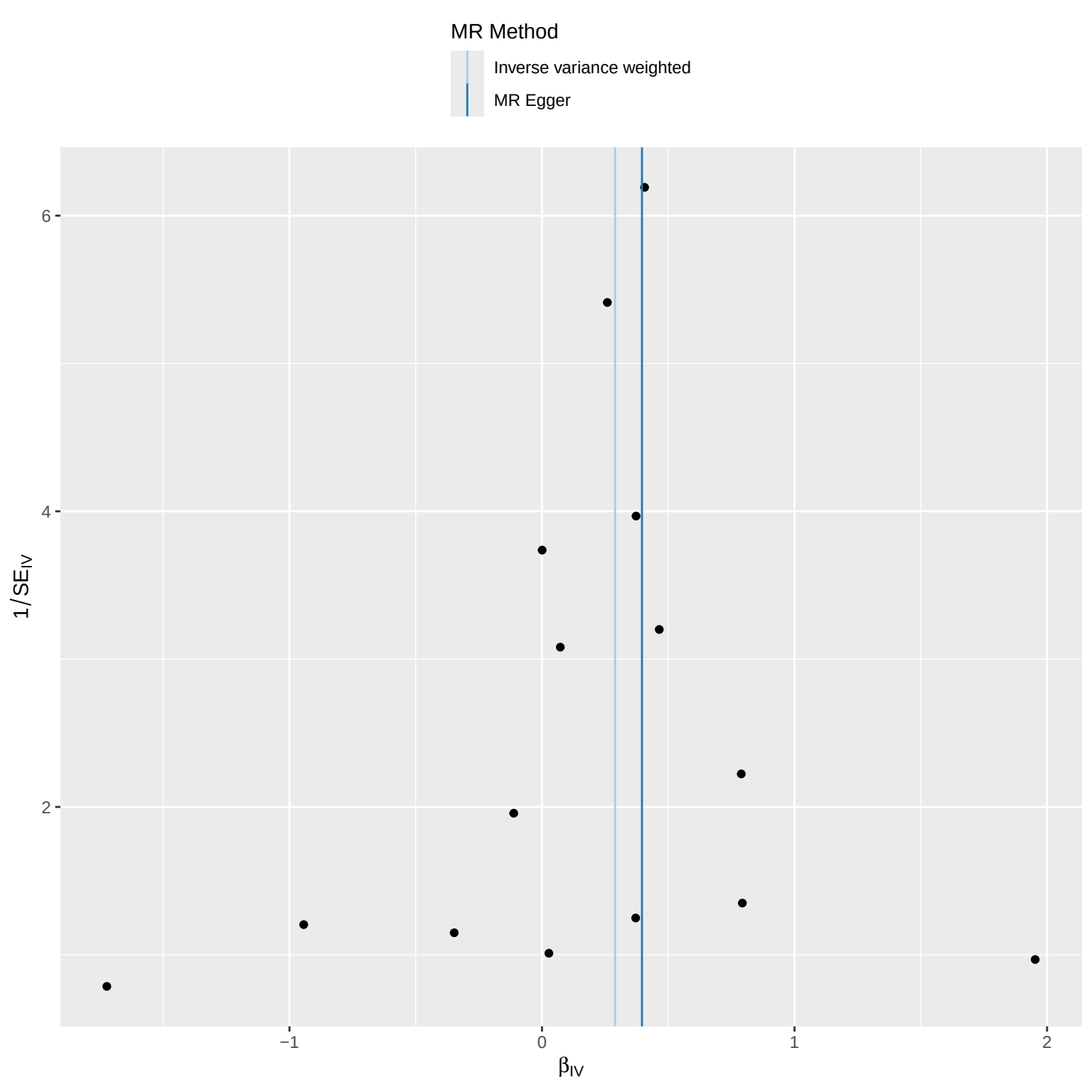

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

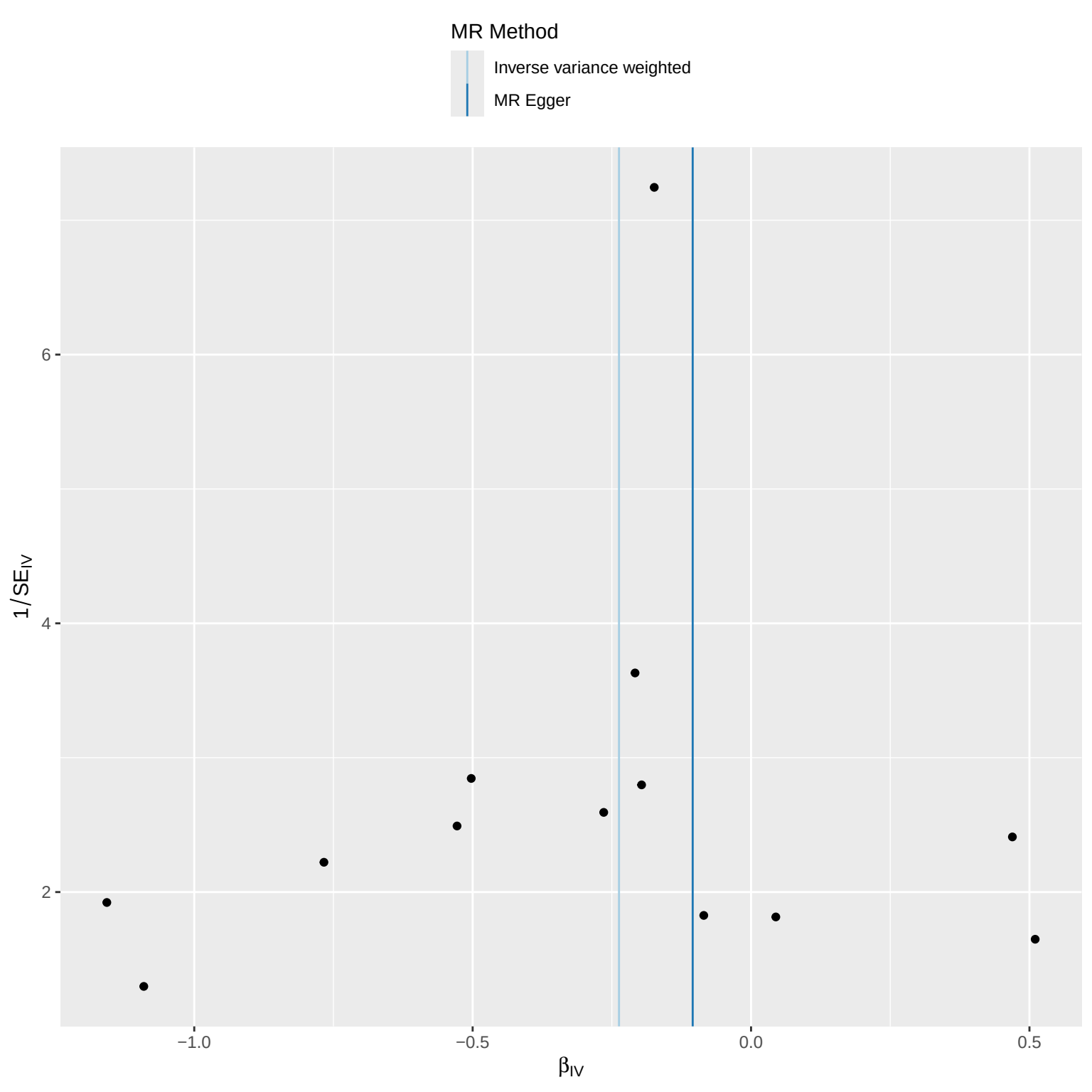

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

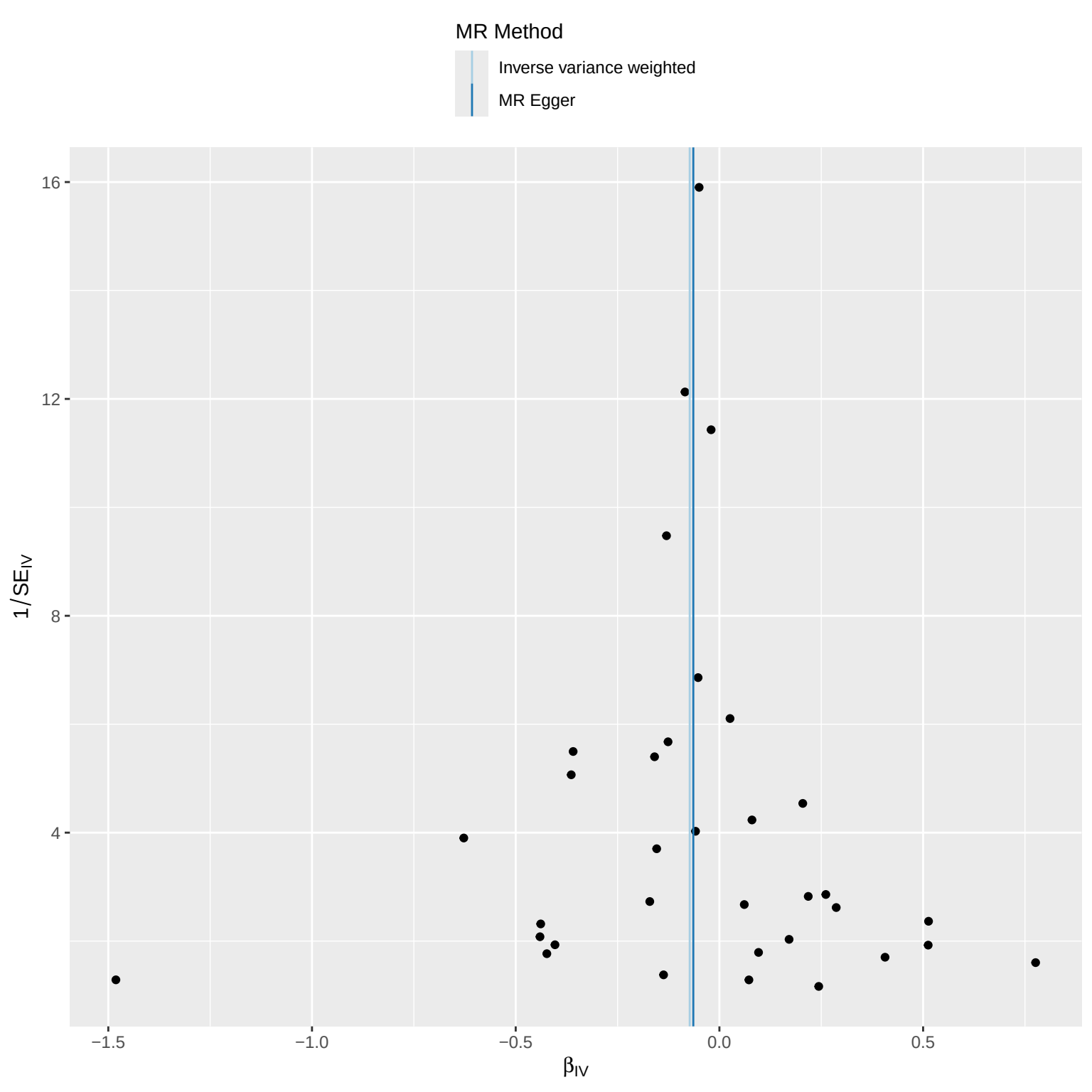

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
β_IV

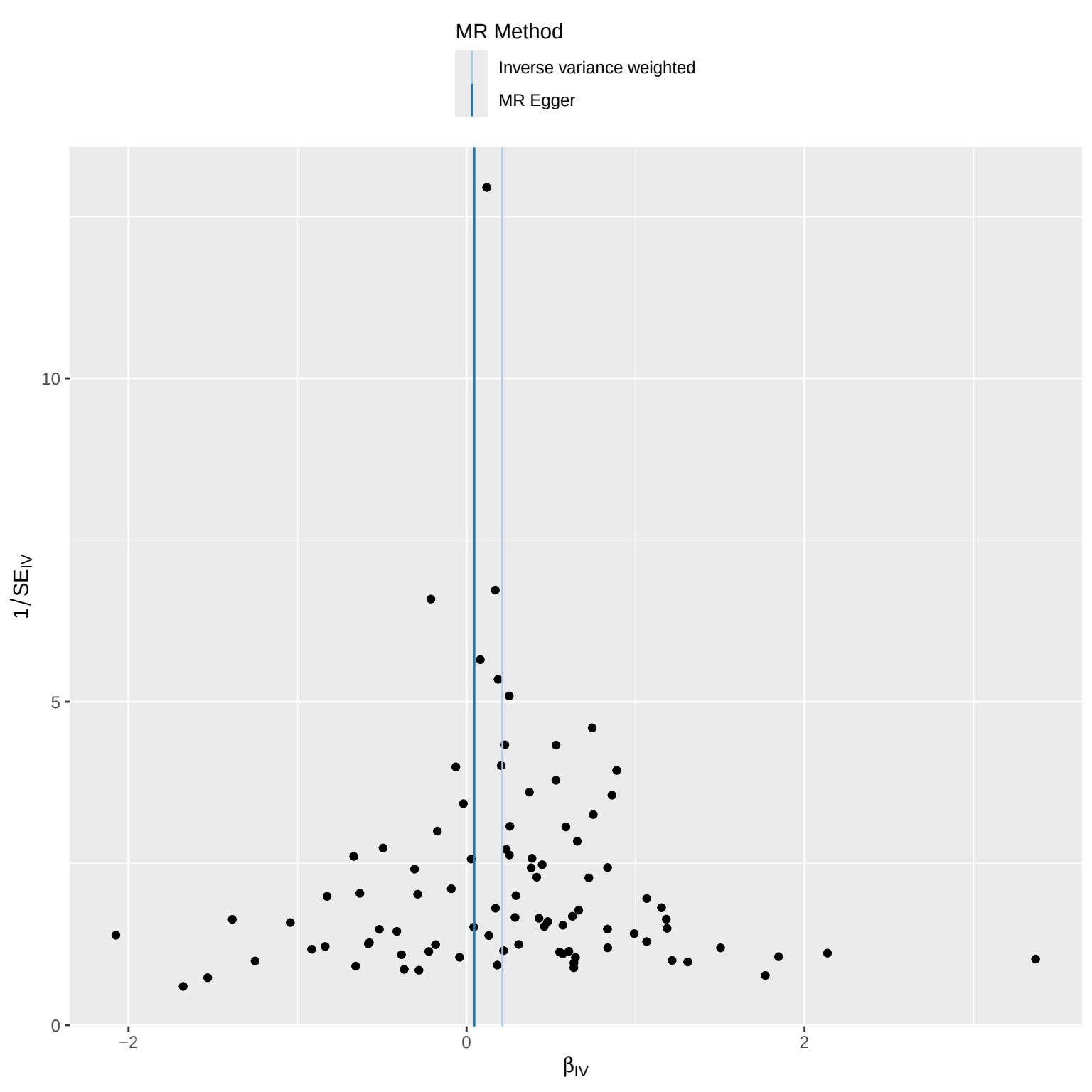

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−1
0
1
2
β_IV

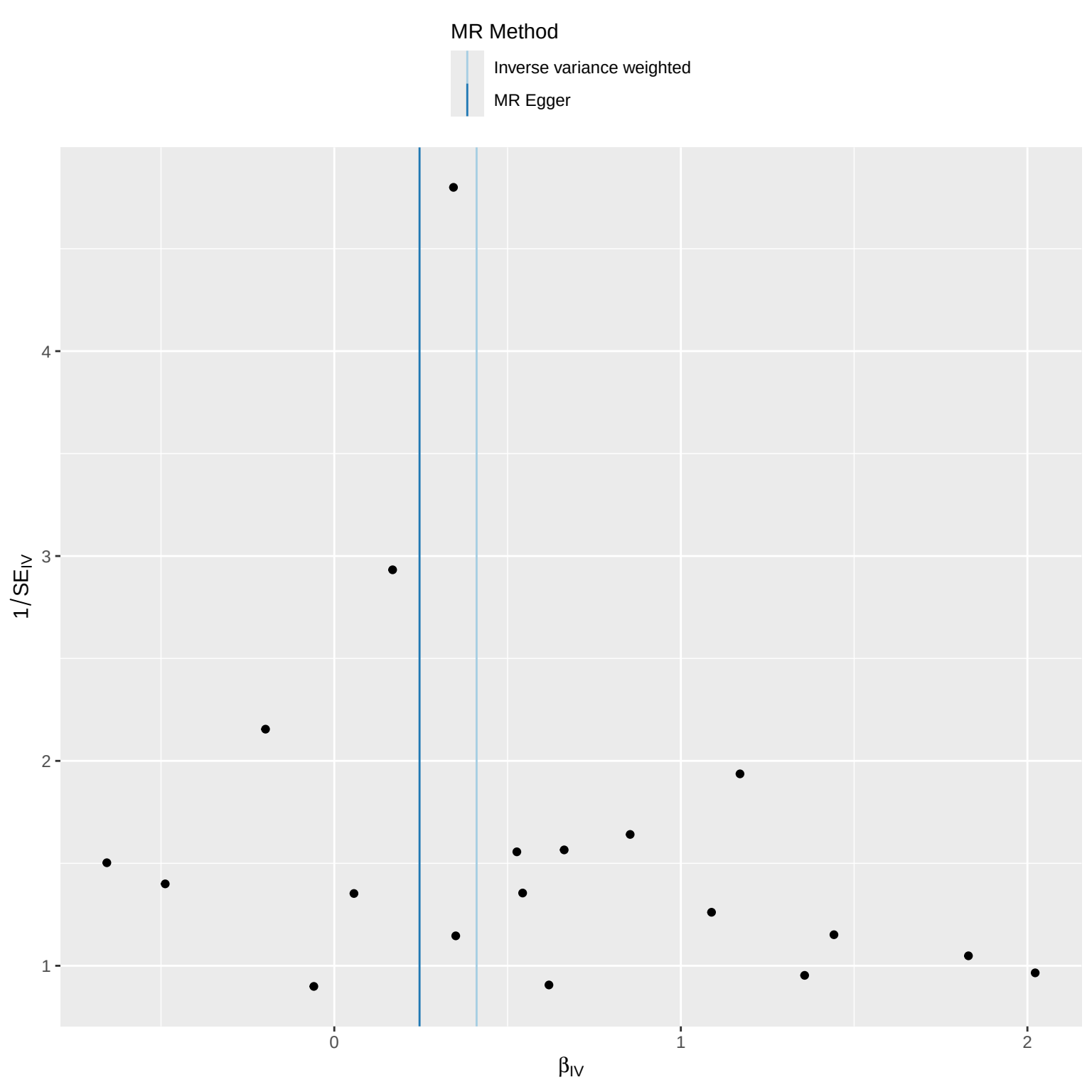

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

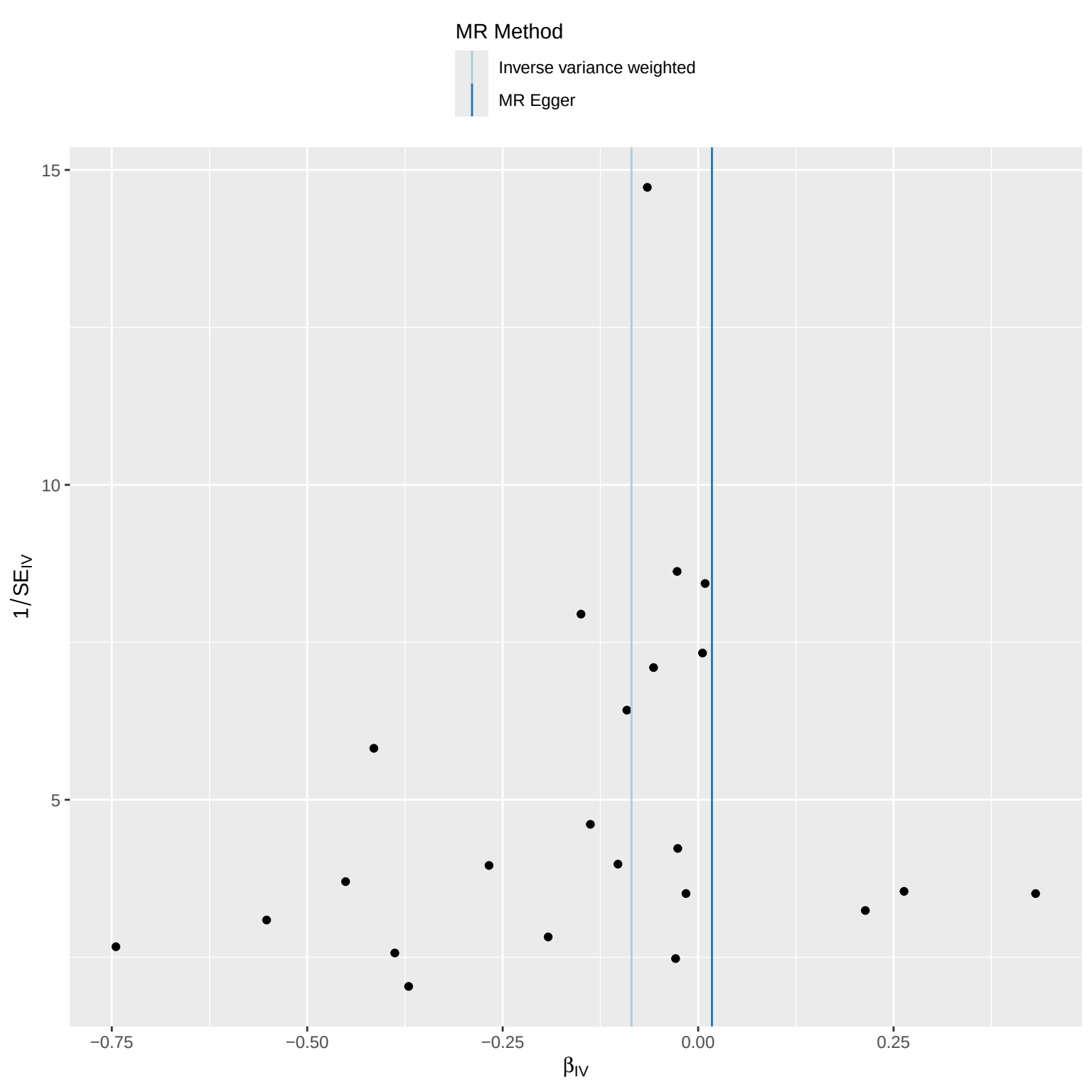

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

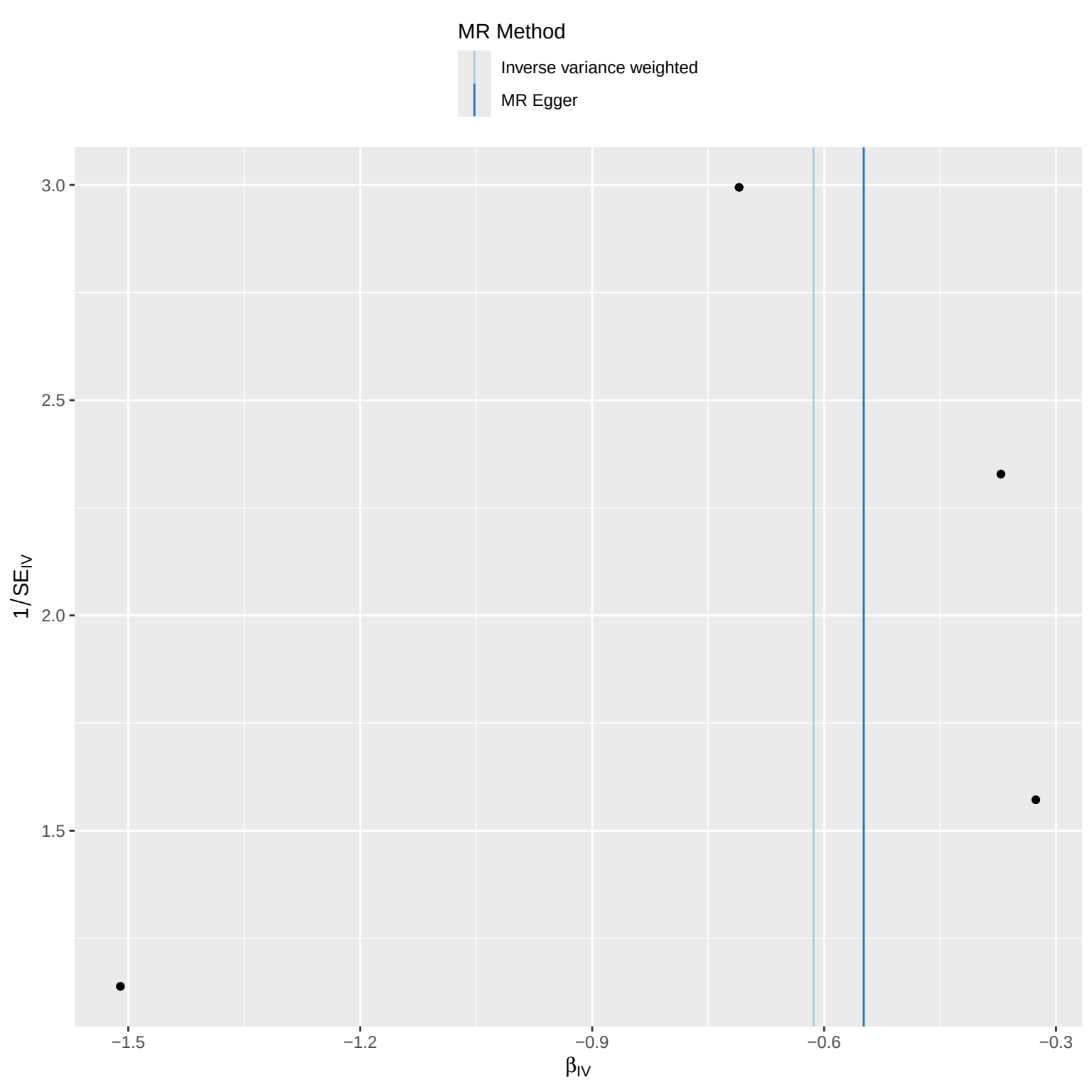

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

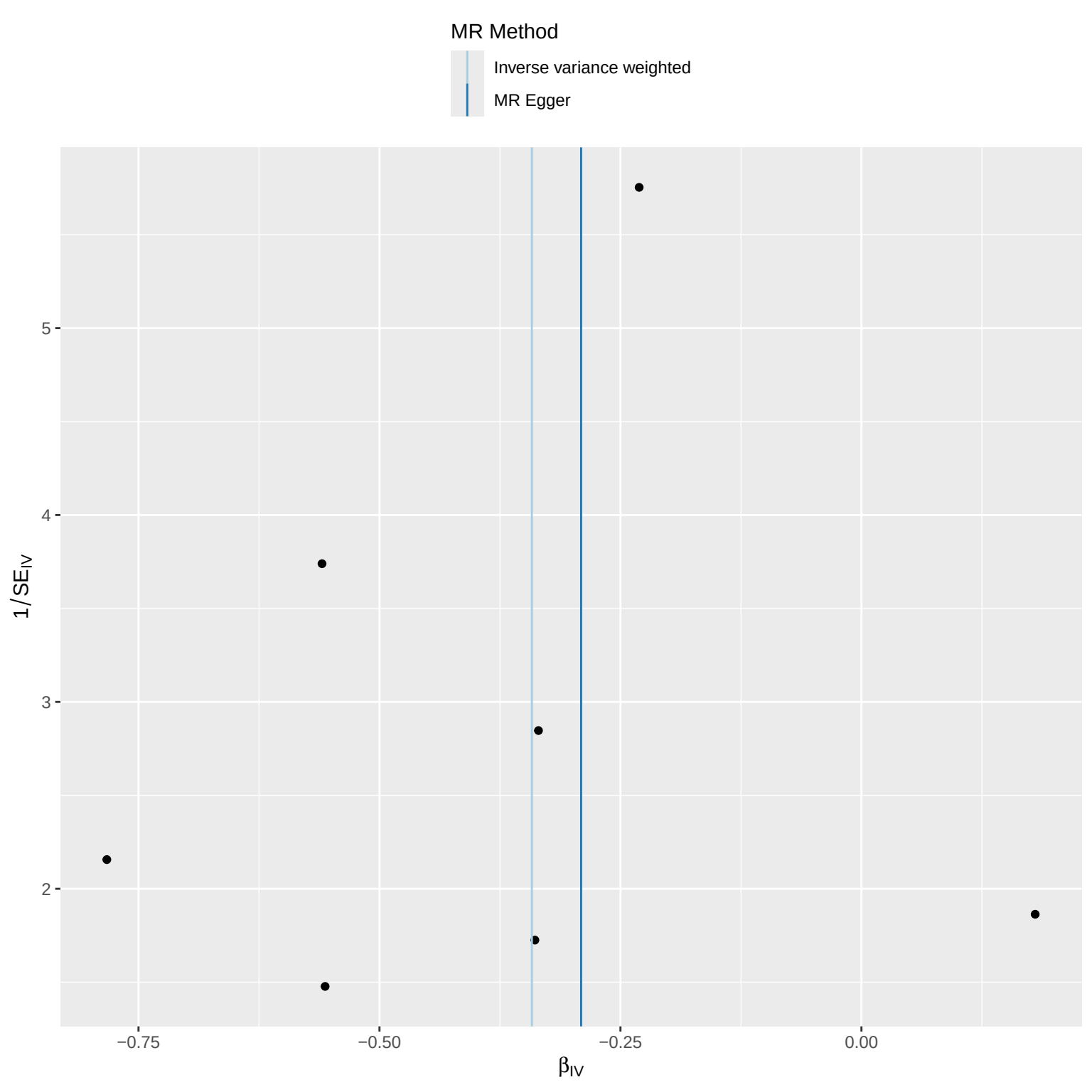

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

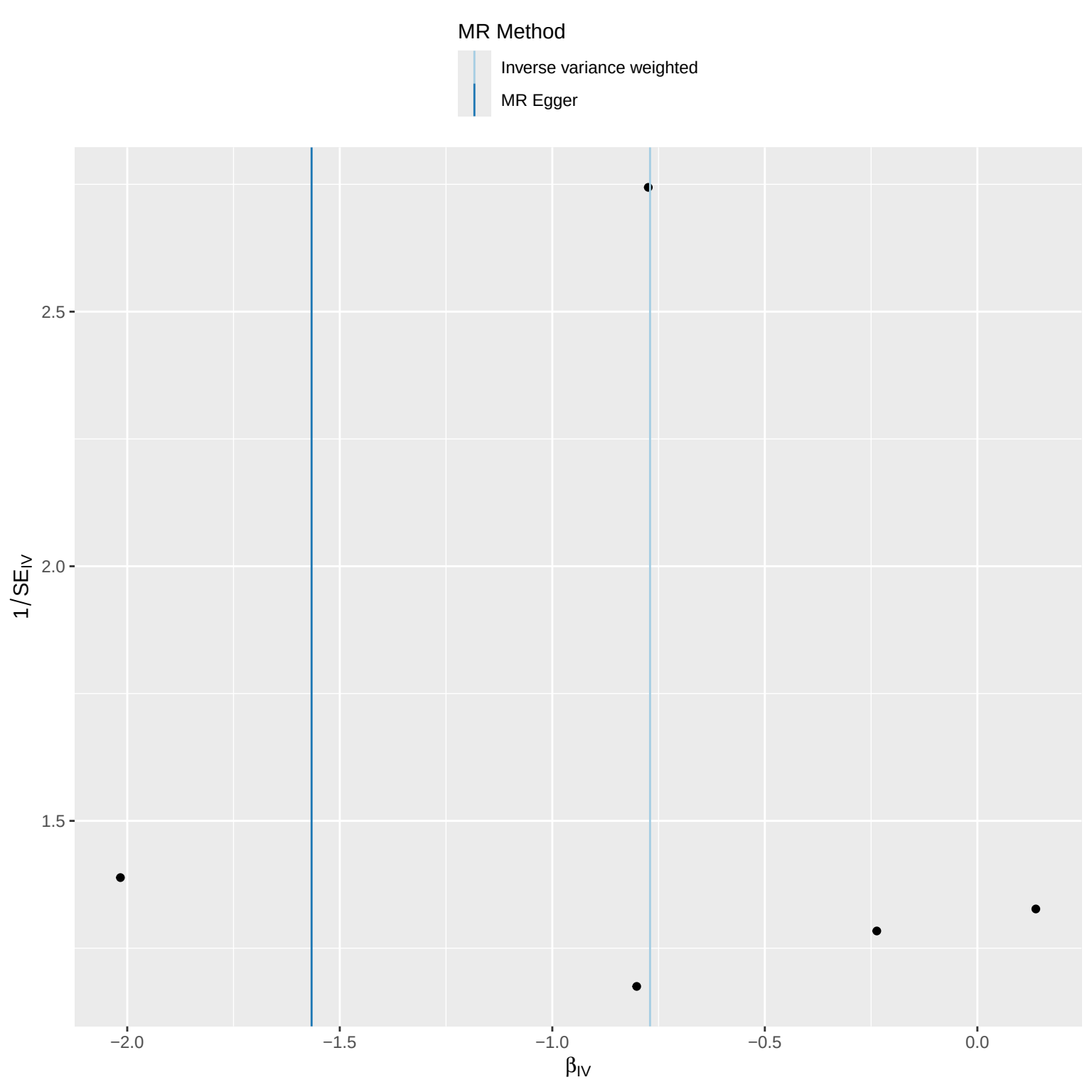

MR Method
Inverse variance weighted
MR Egger
10
5
0
1/SE_IV
−2
0
2
β_IV

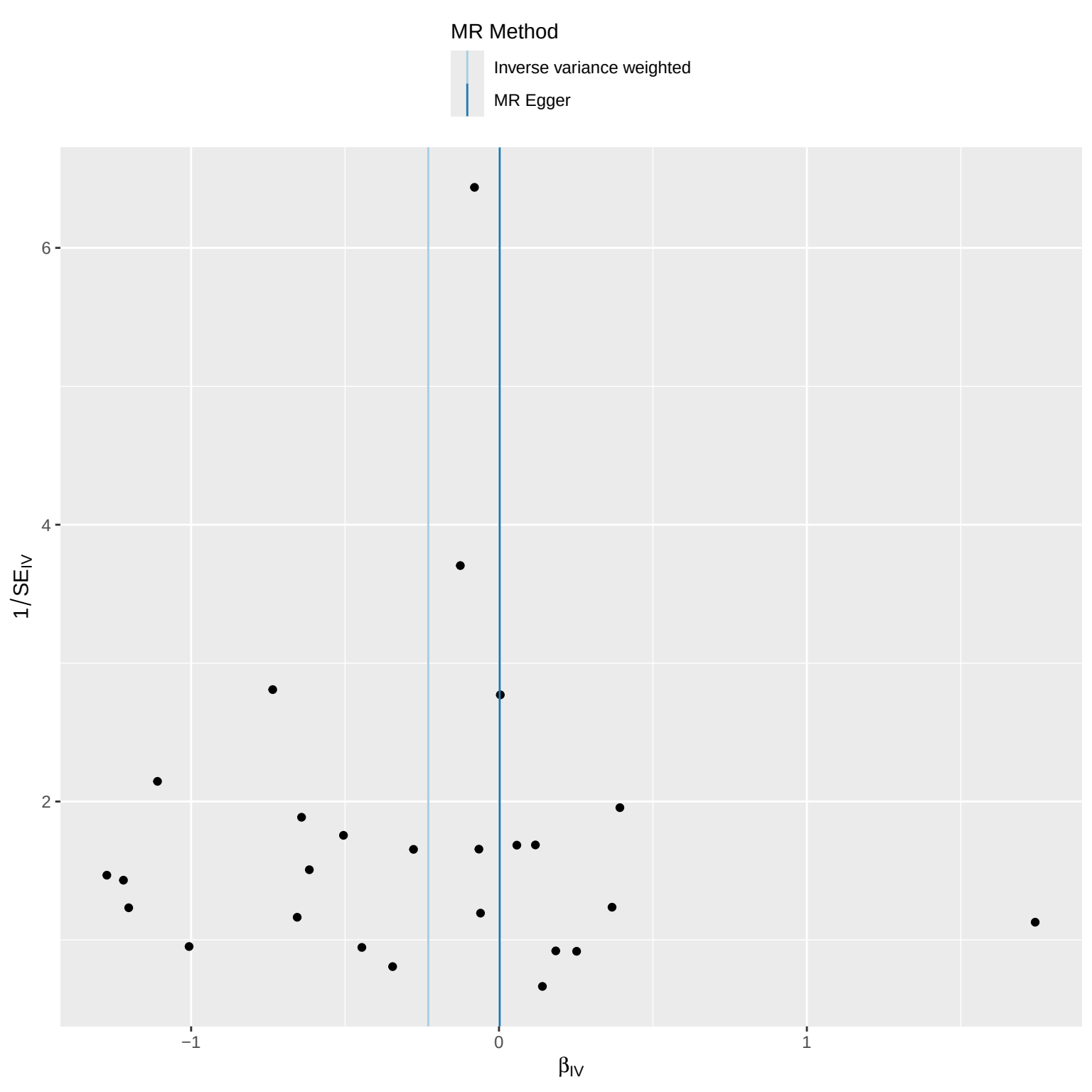

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0
1
2
β_IV

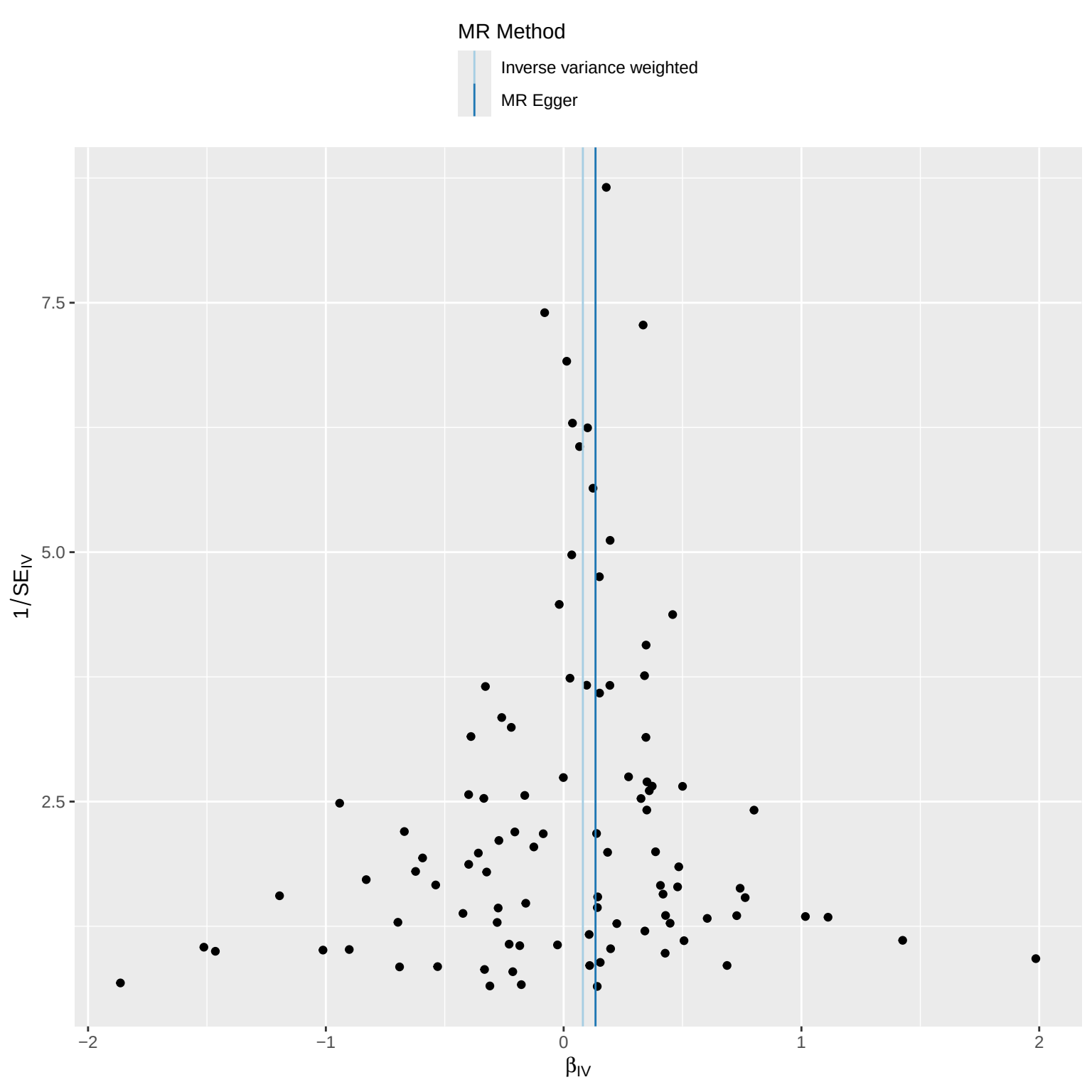

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.75
−0.50
−0.25
0.00
0.25
β_IV

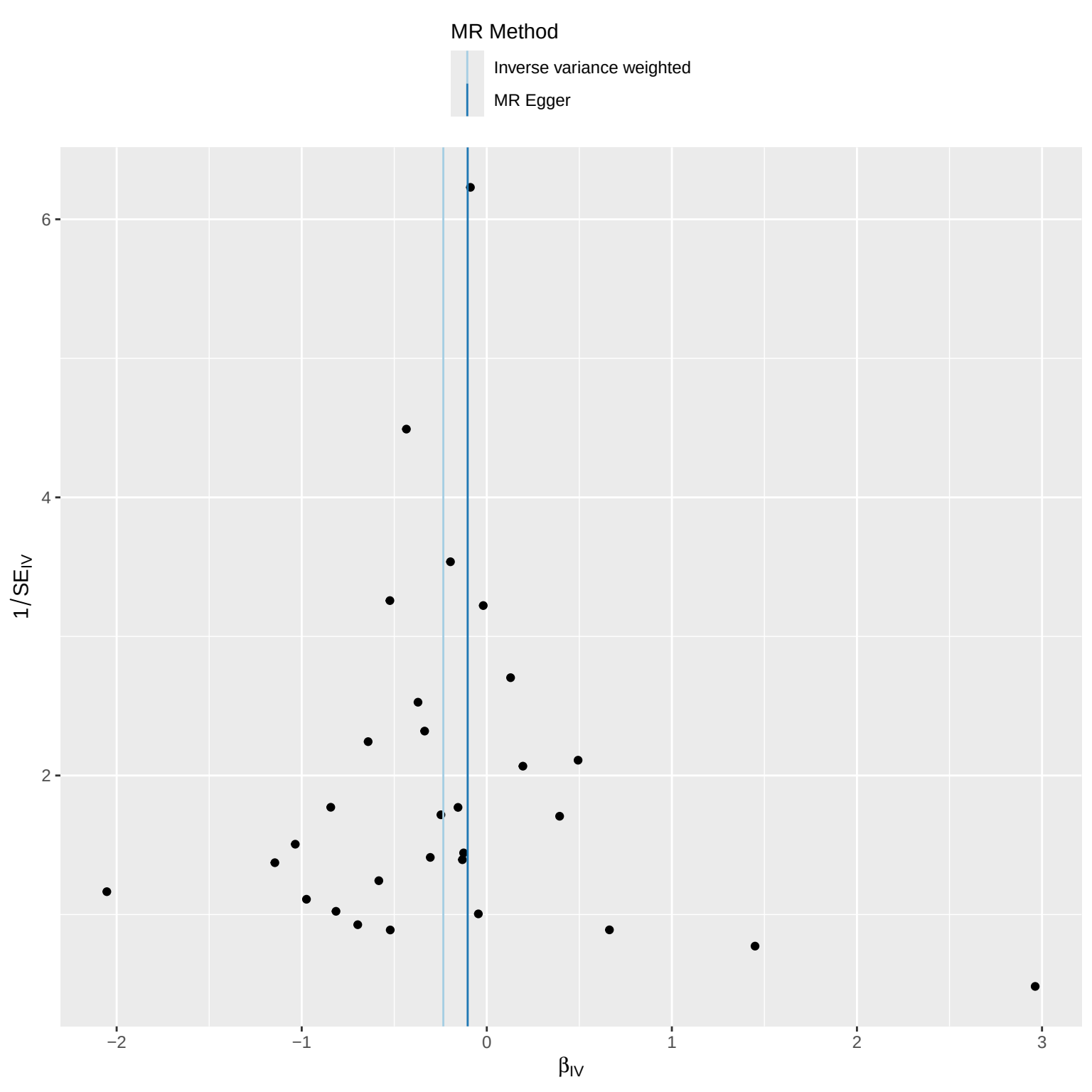

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.5
−1.2
−0.9
−0.6
−0.3
β_IV

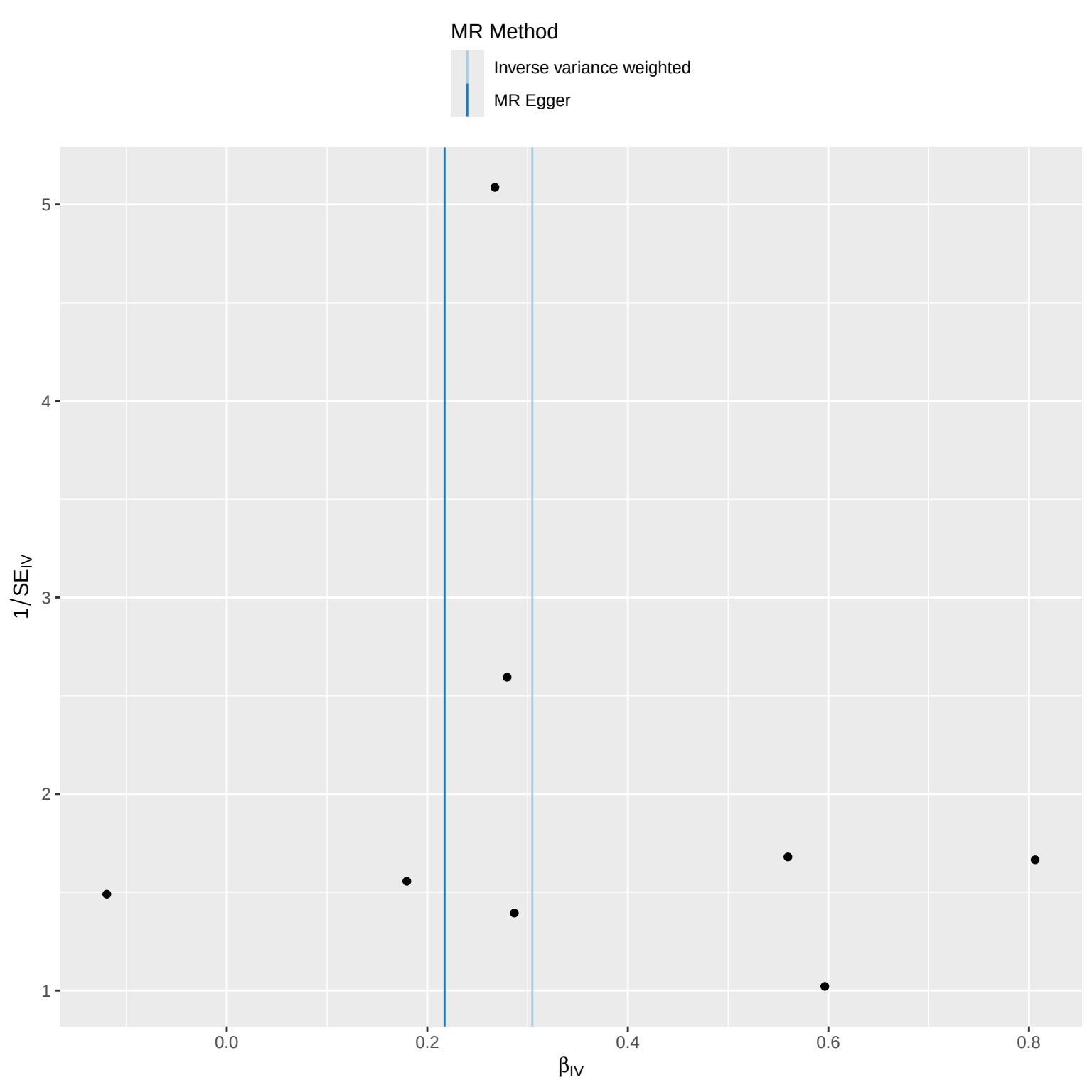

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

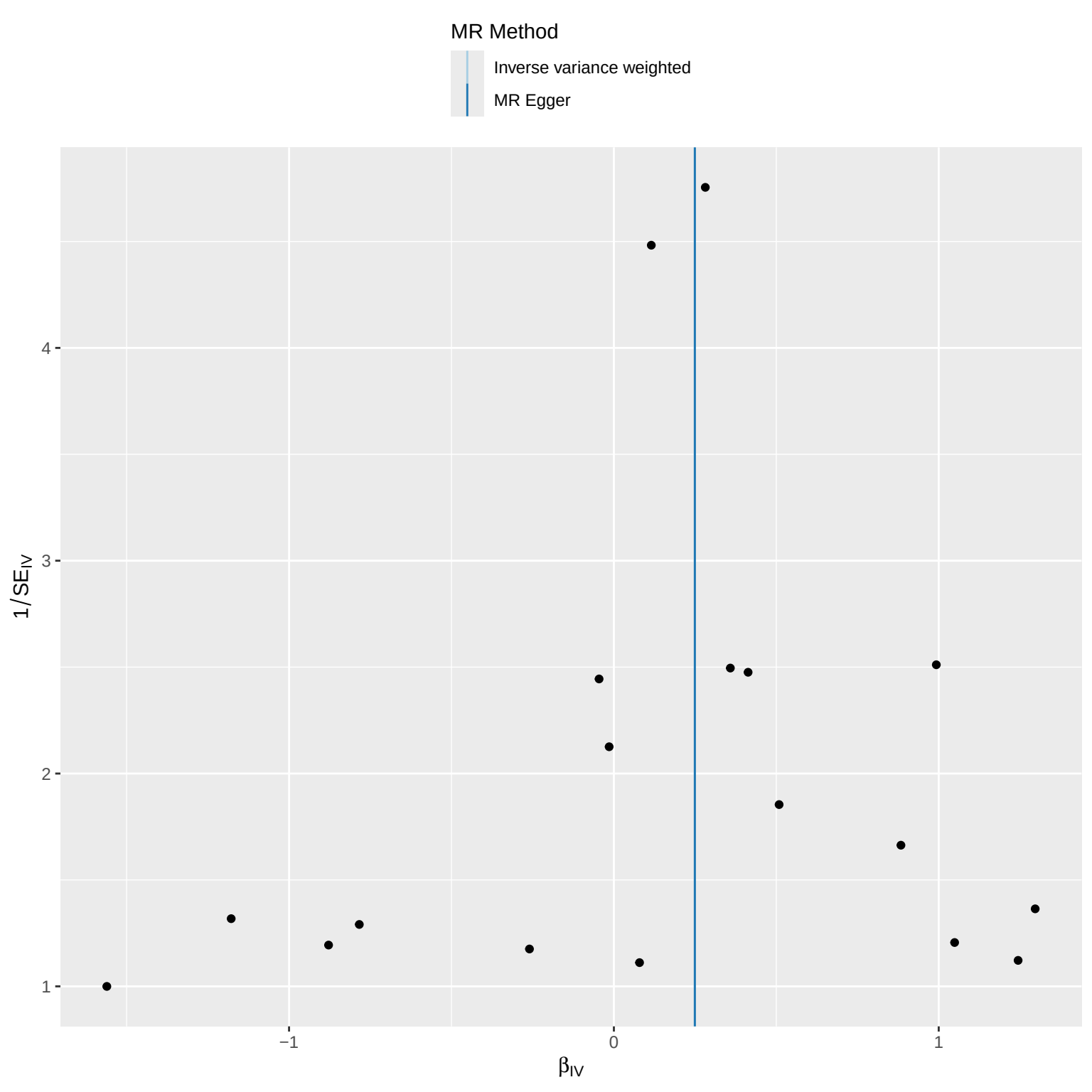

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

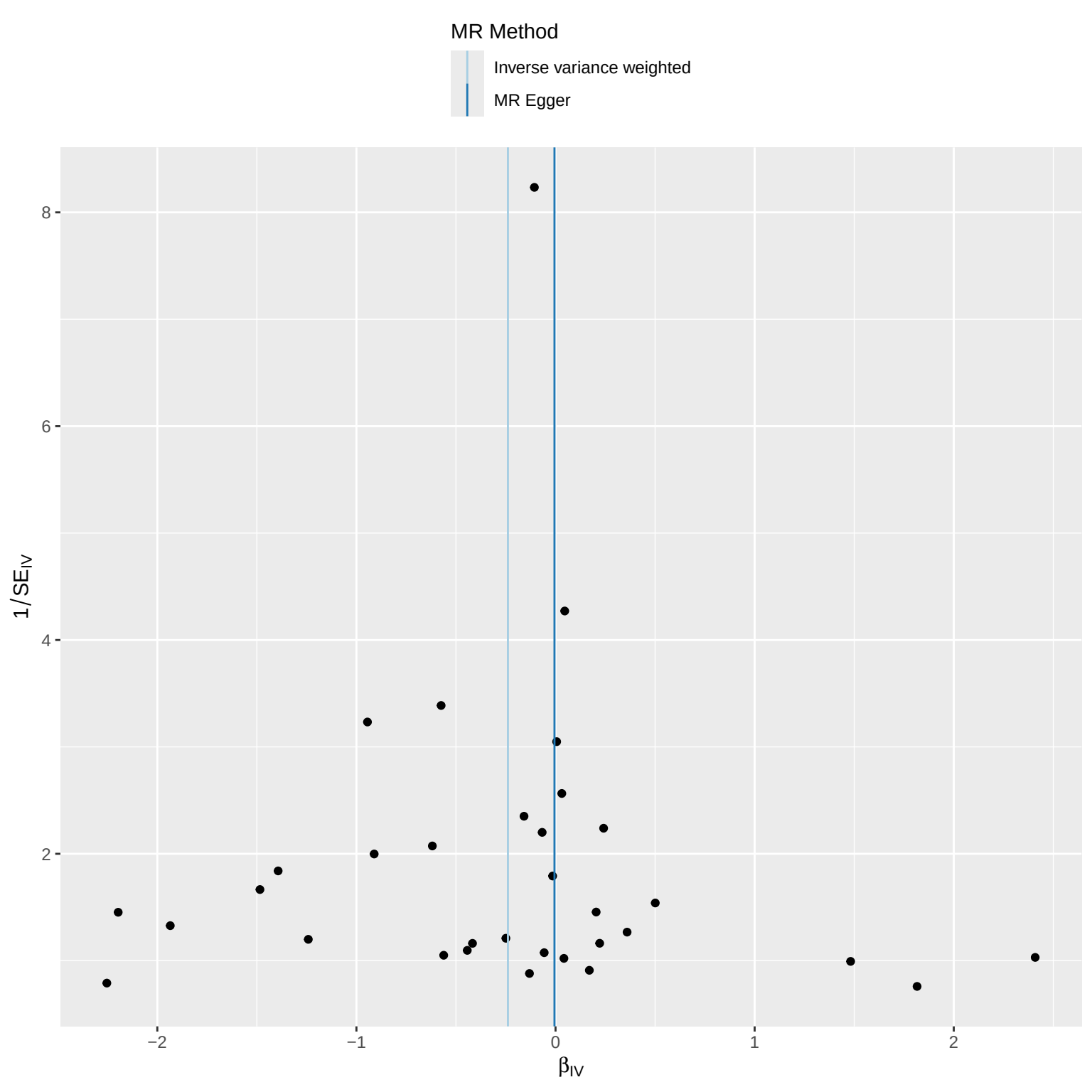

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

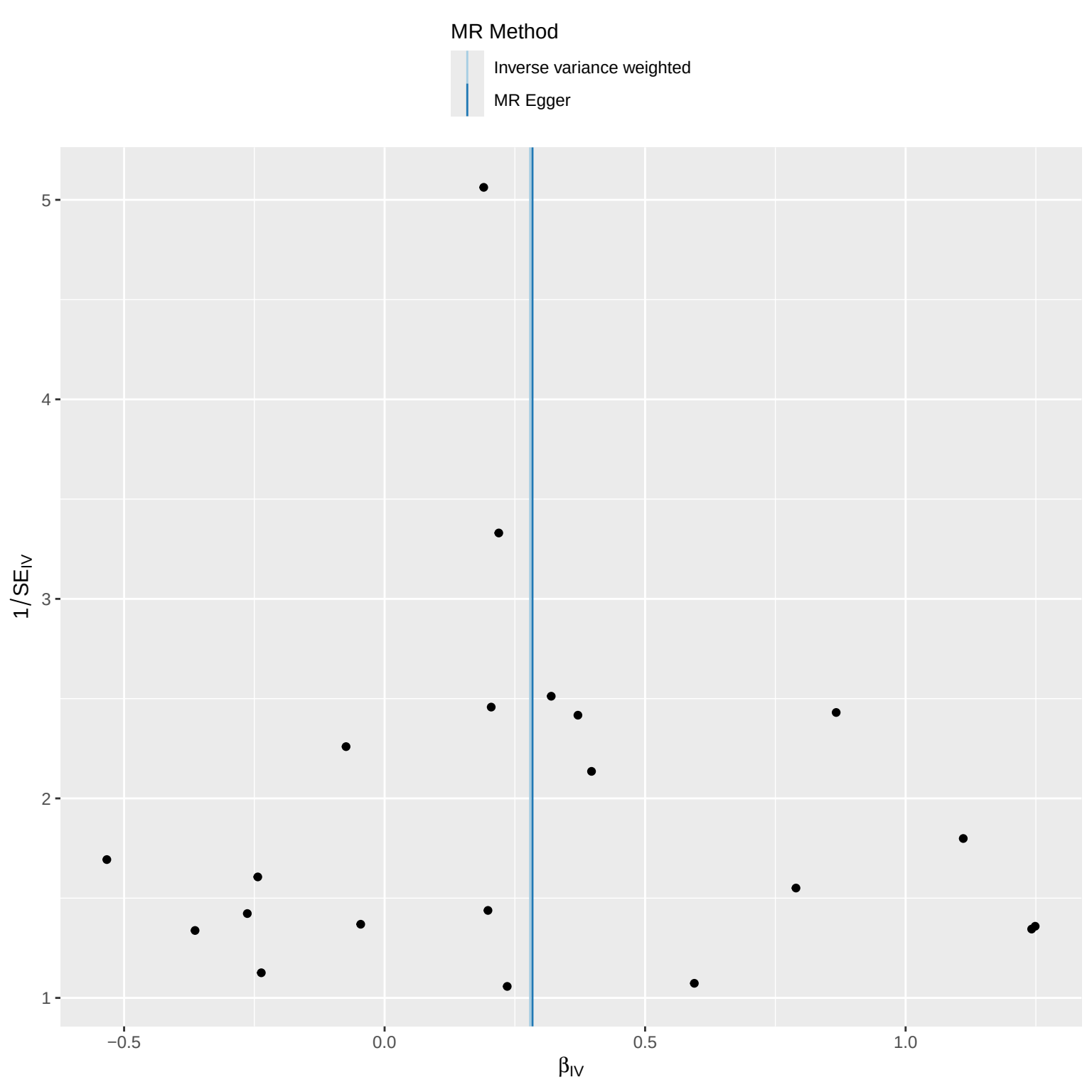

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

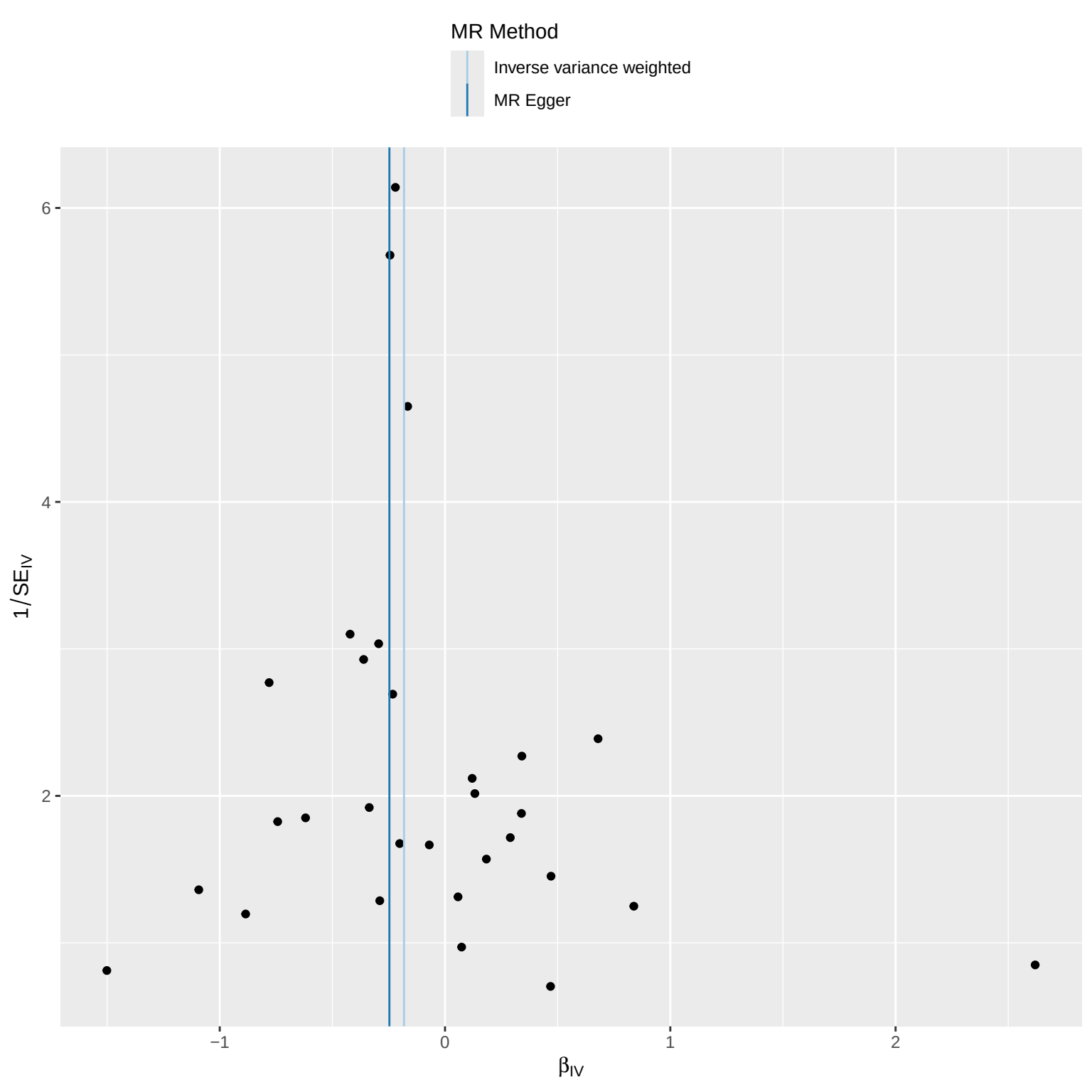

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

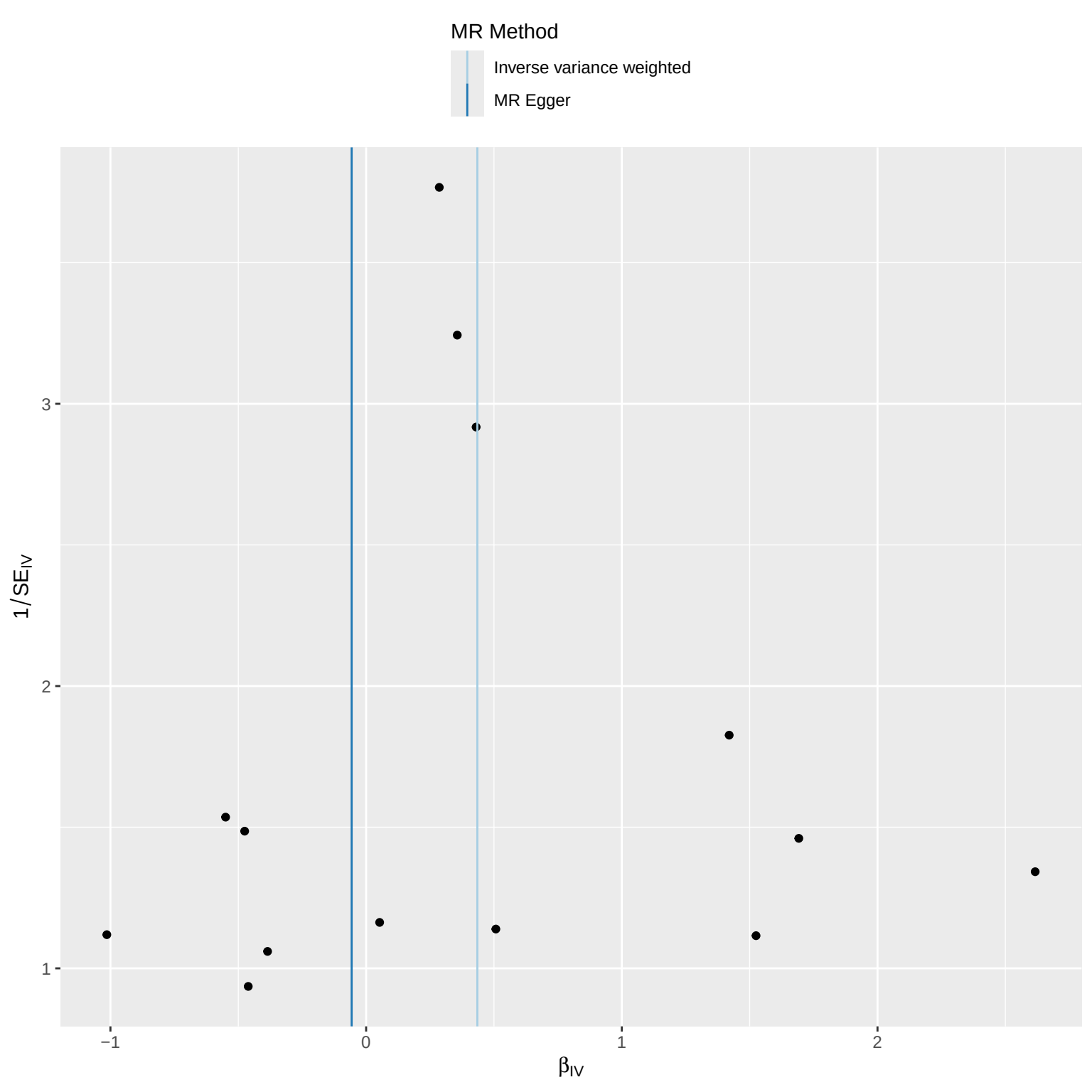

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.2
0.4
0.6
0.8
β_IV

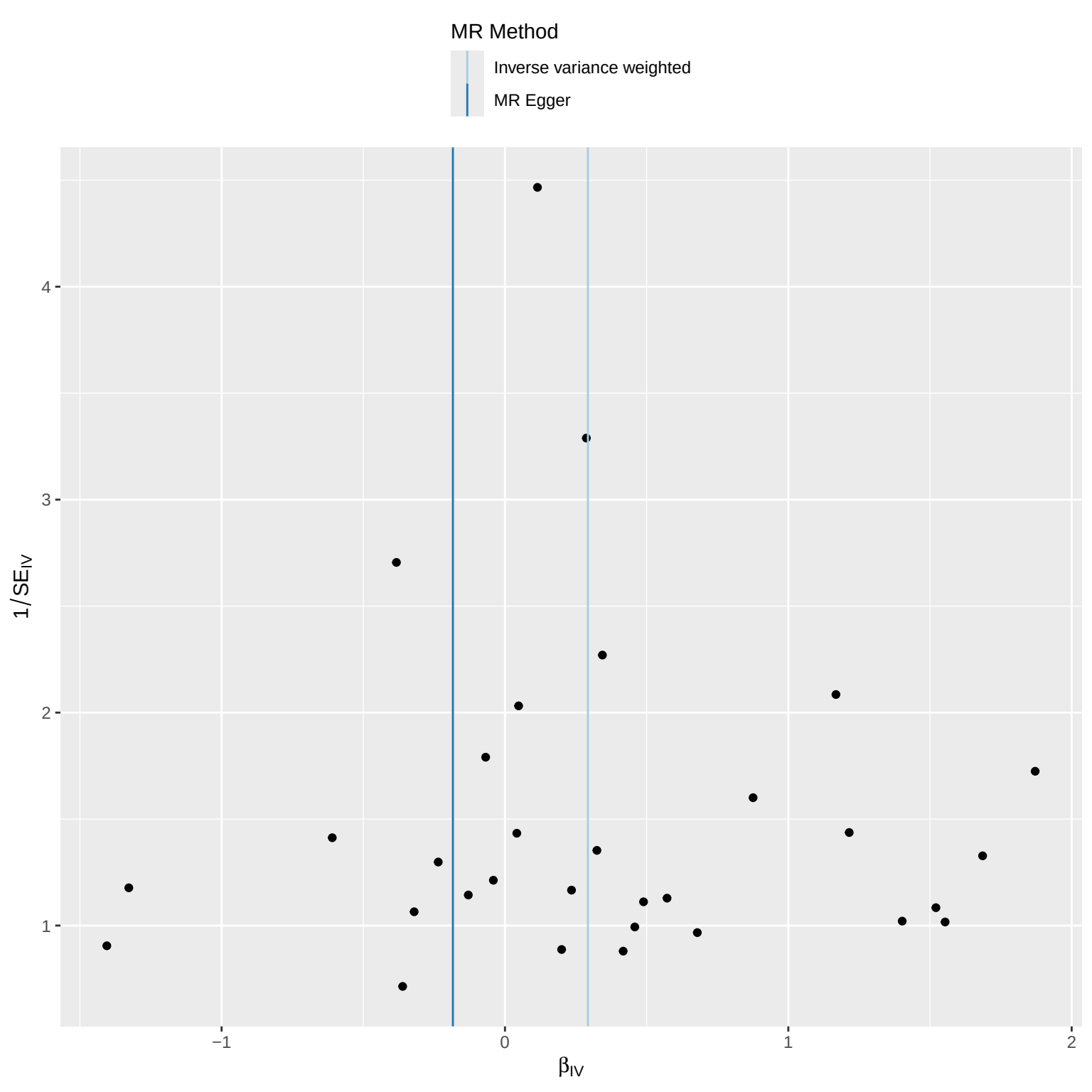

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

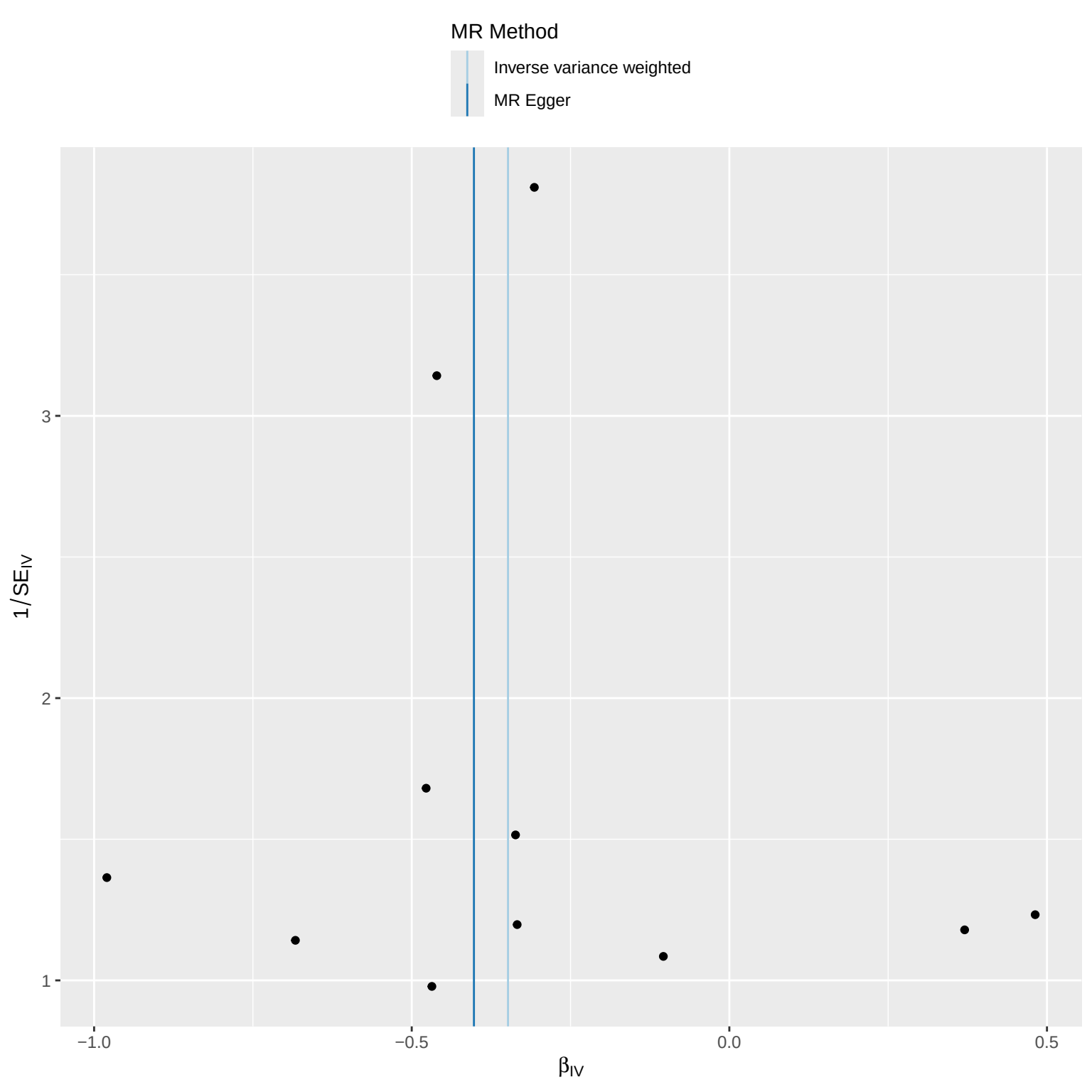

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

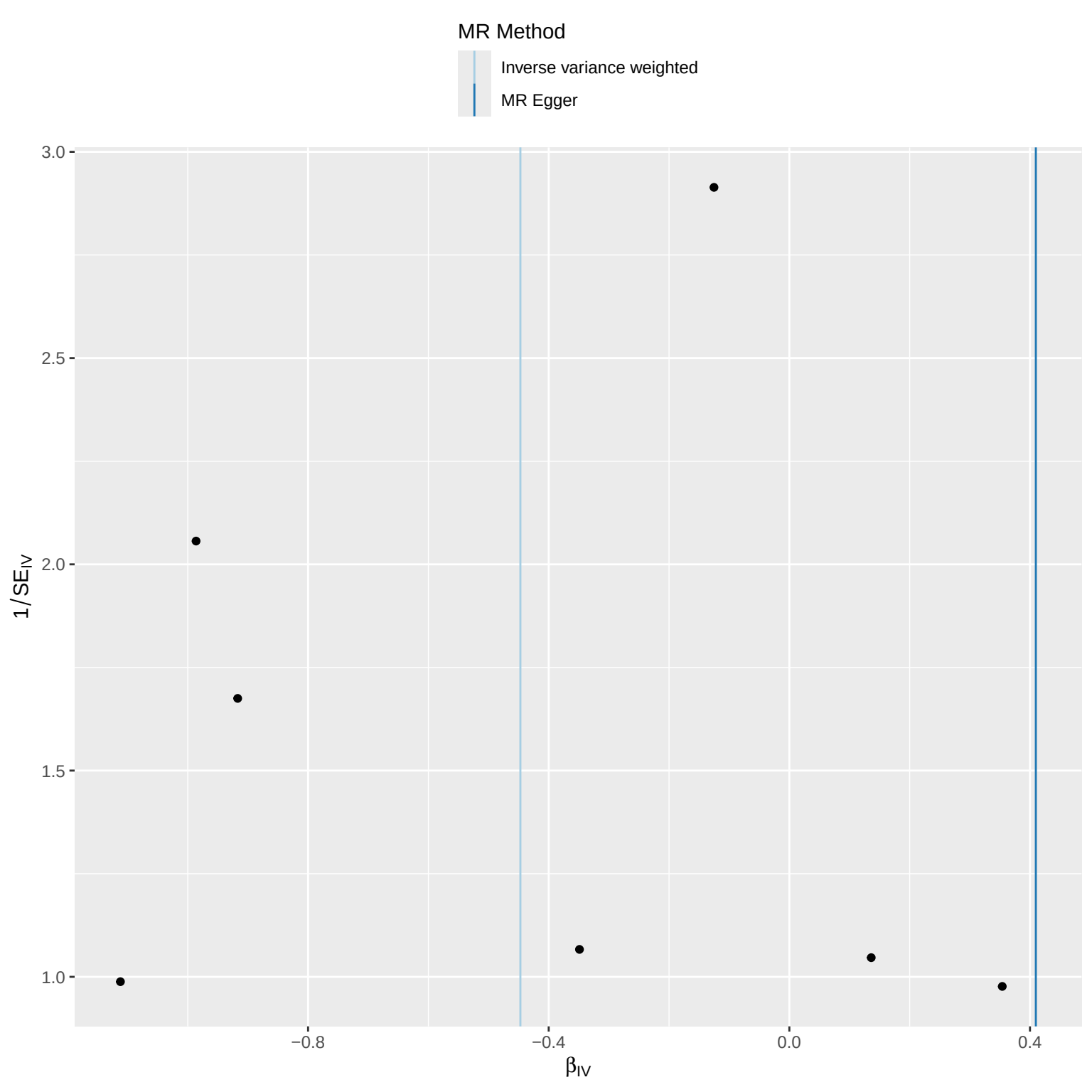

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

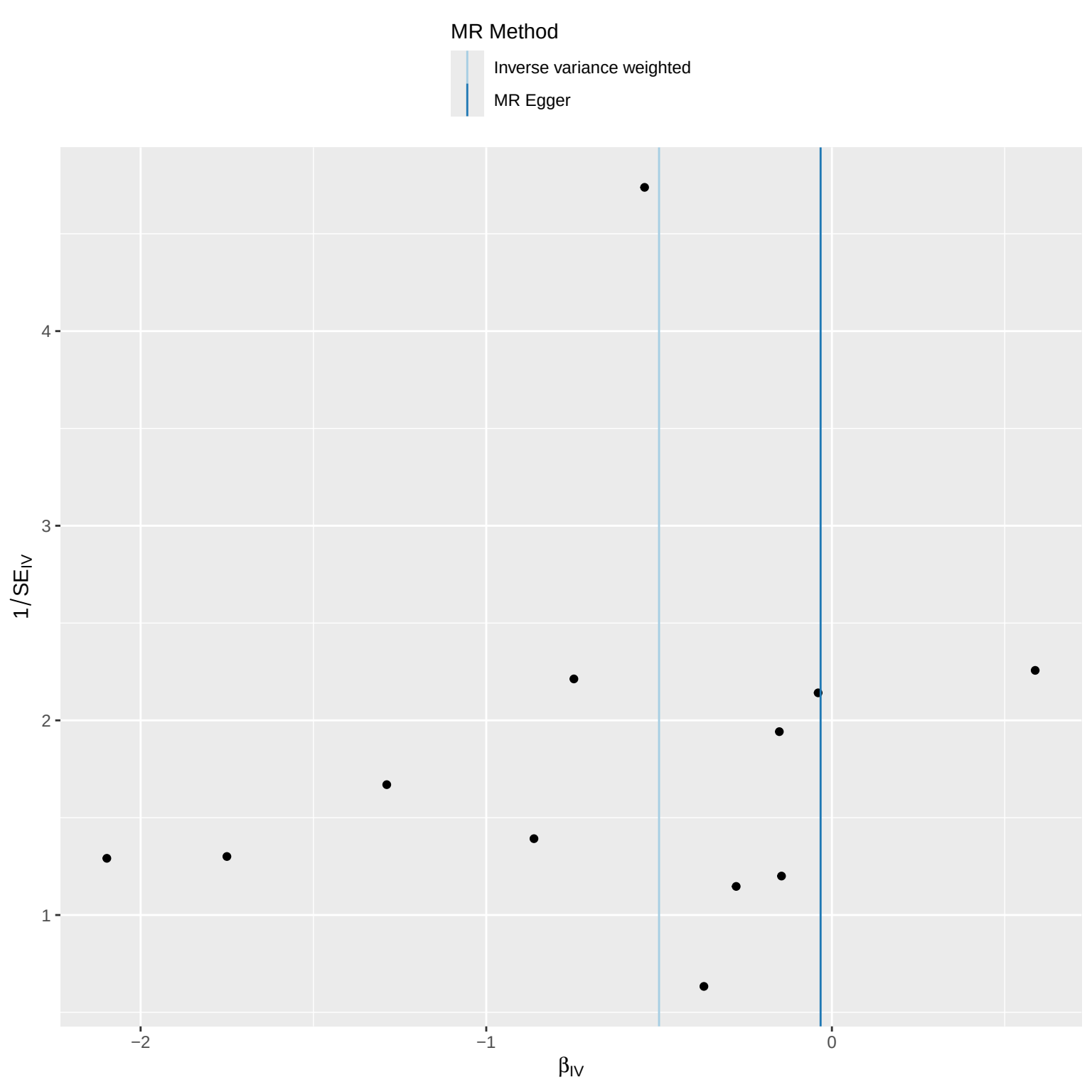

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

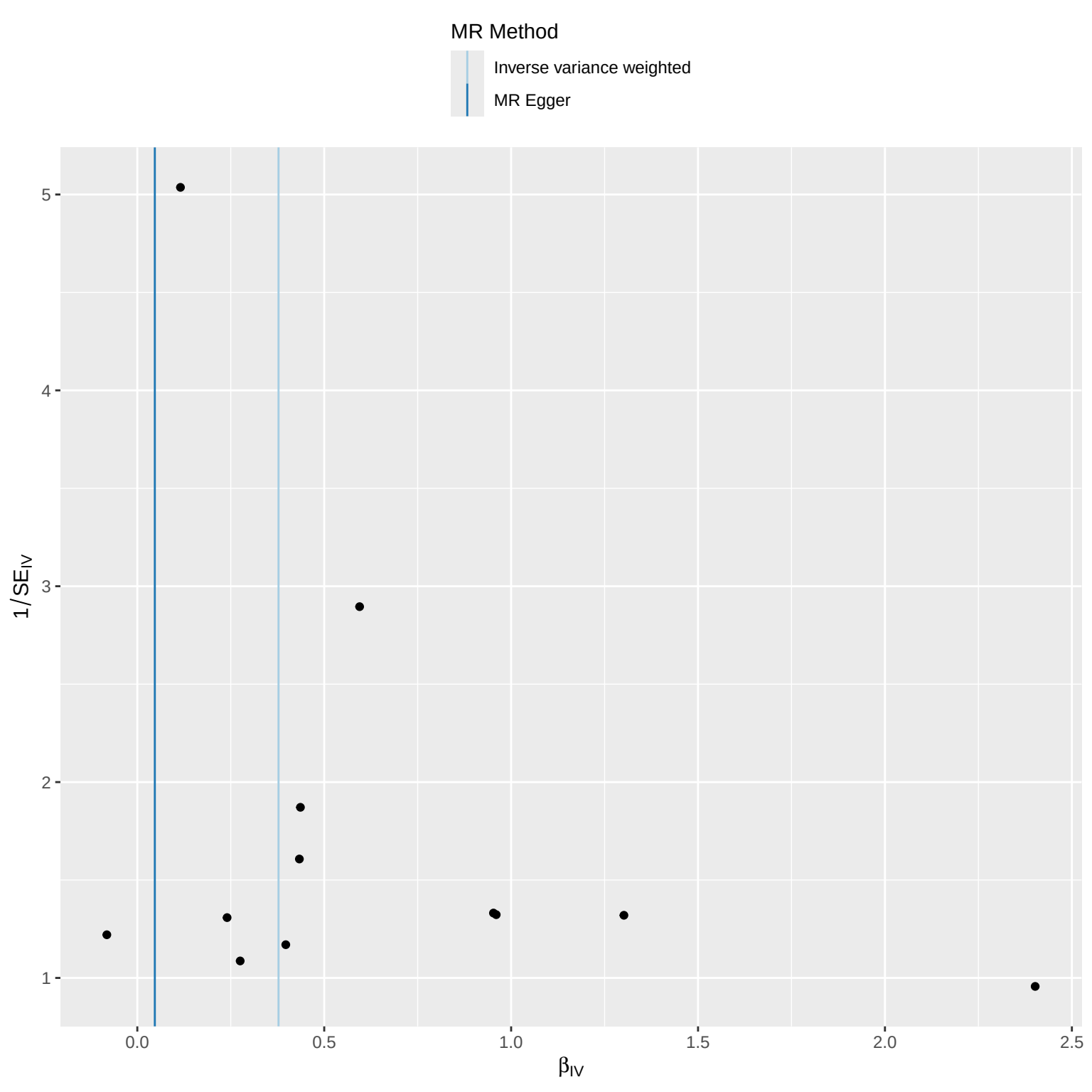

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

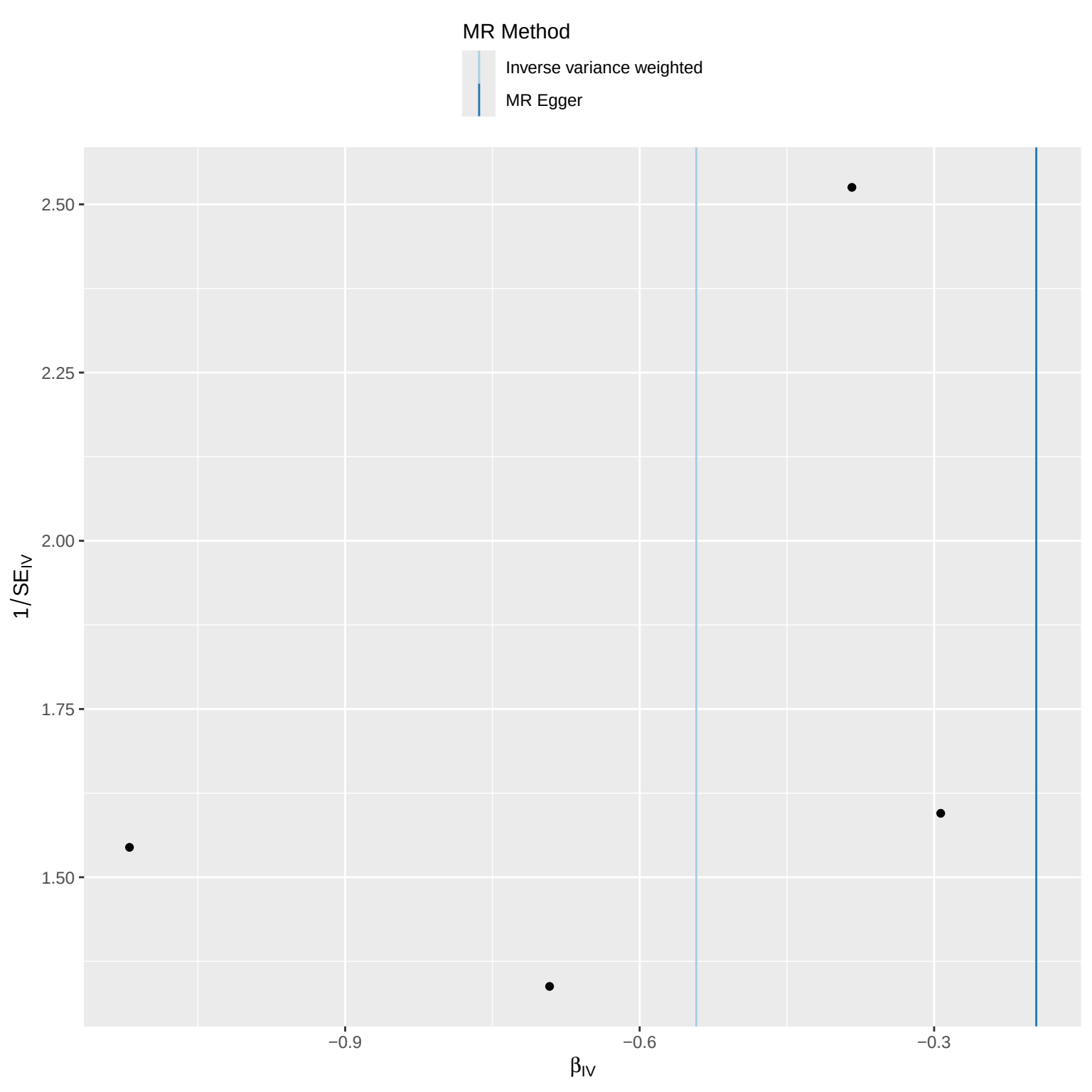

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

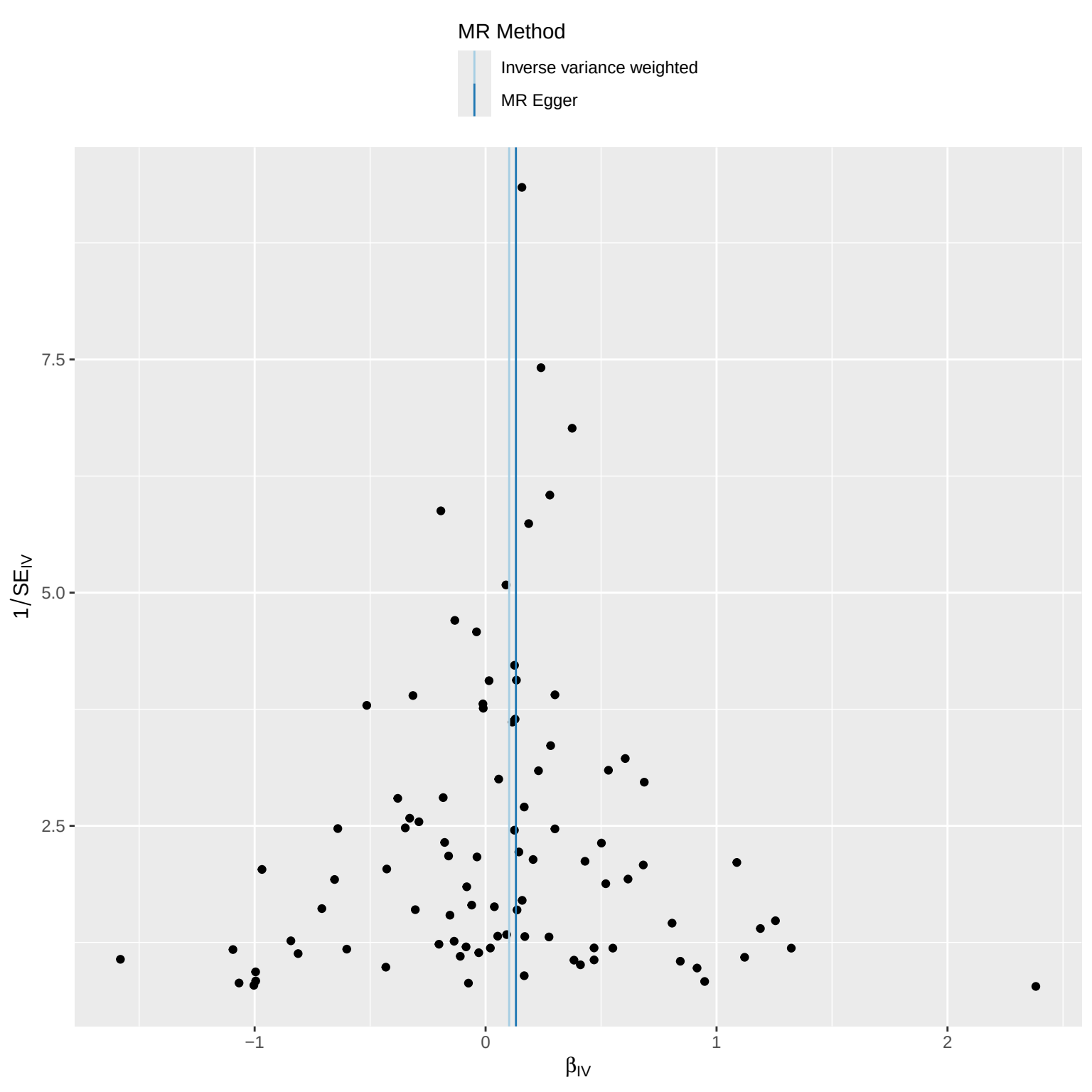

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

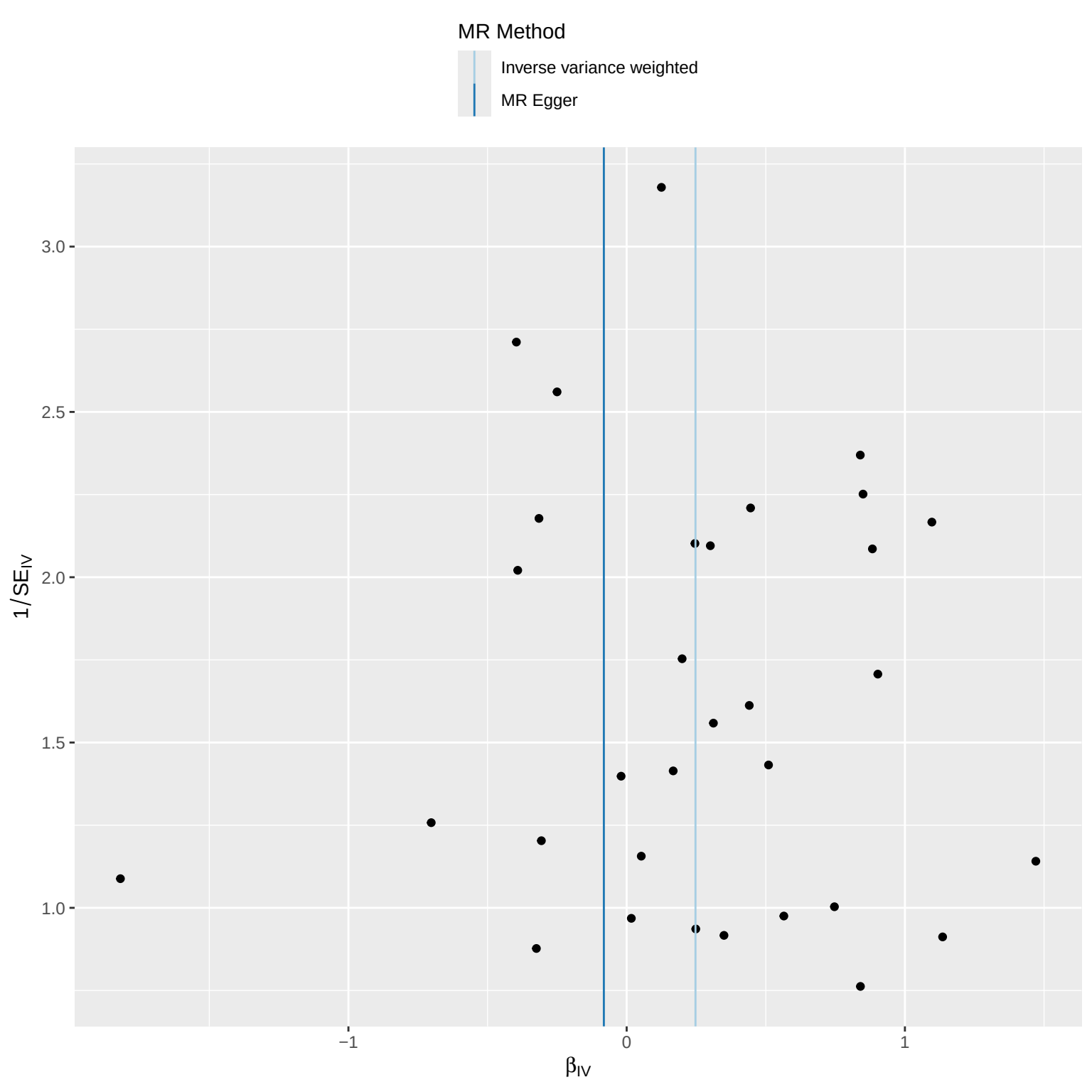

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

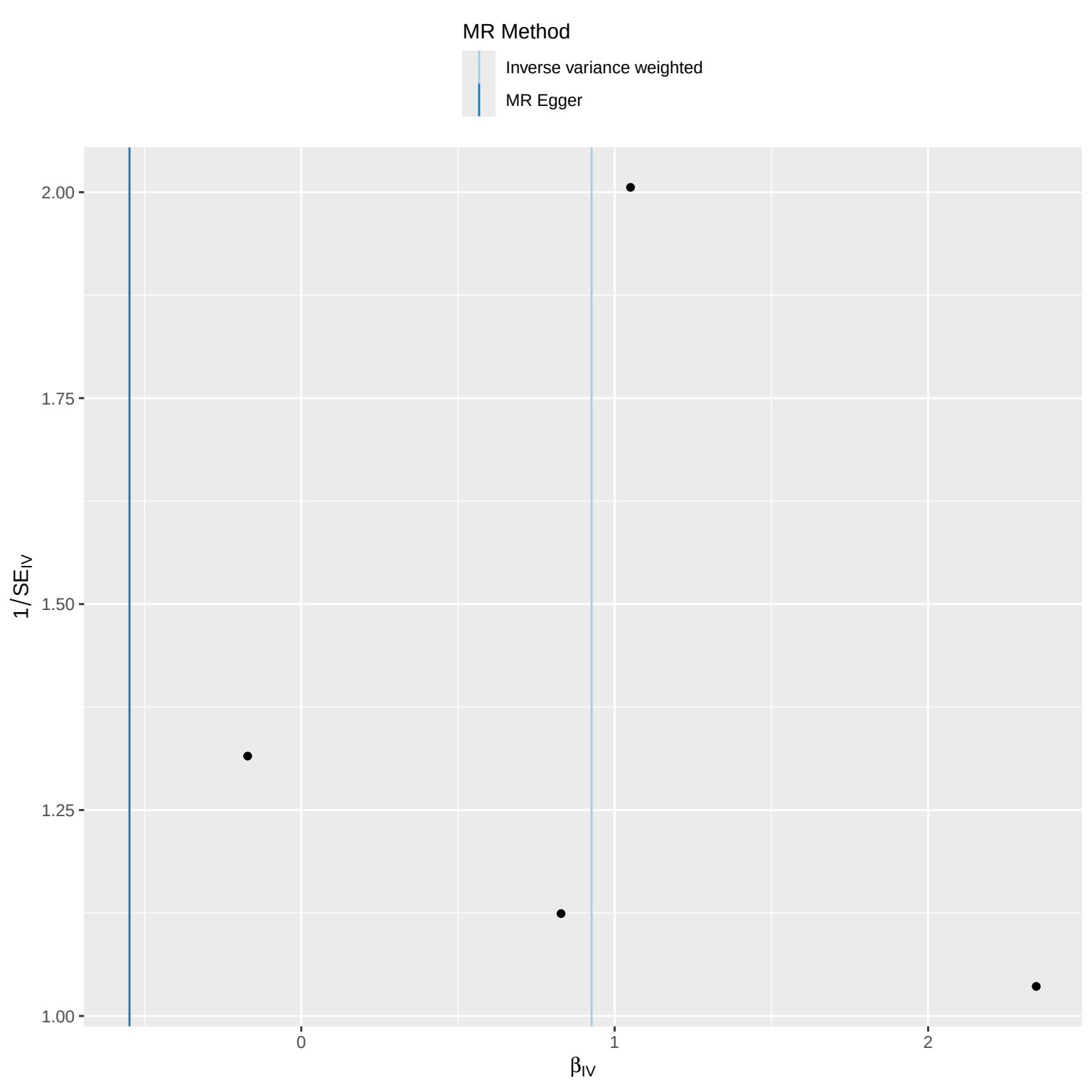

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

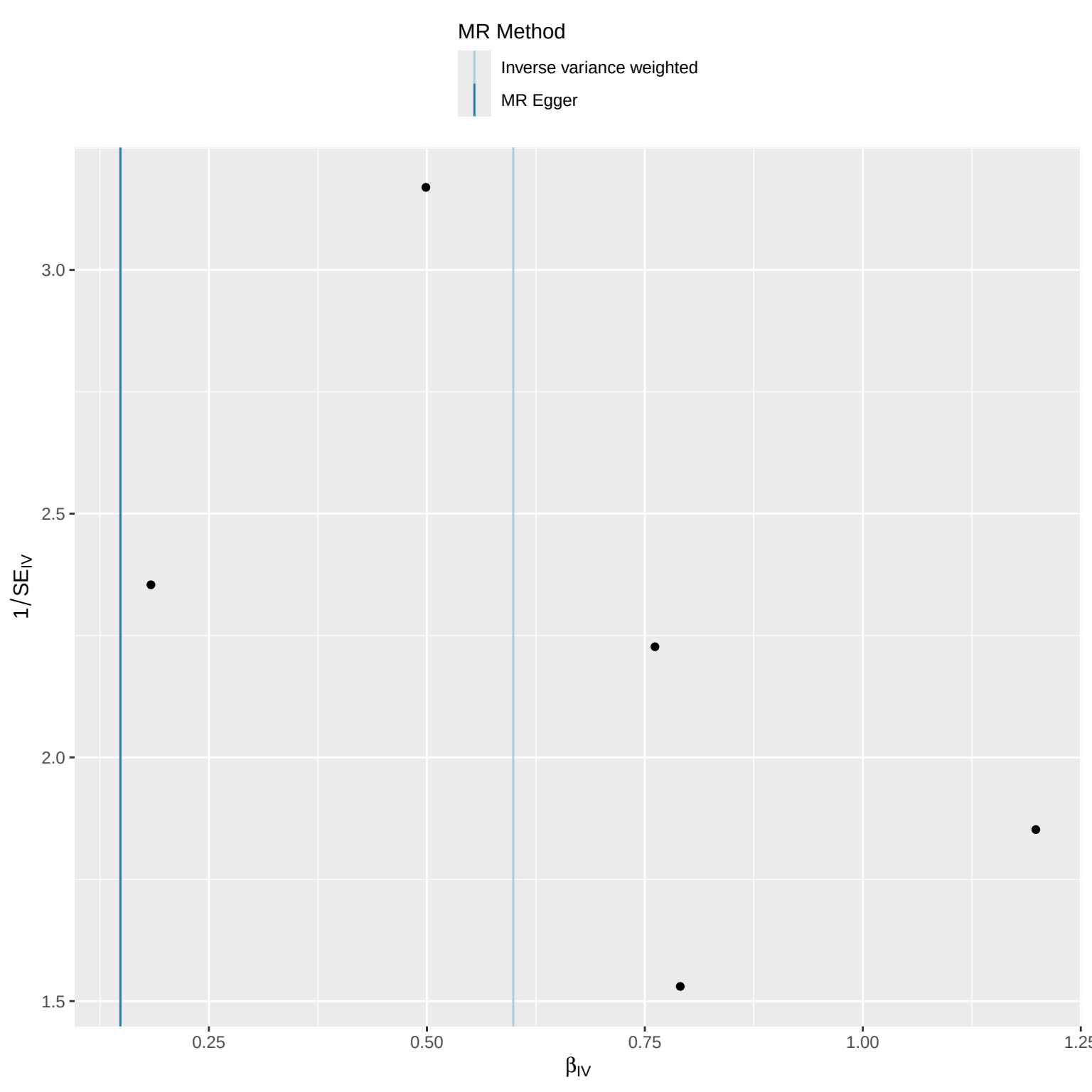

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

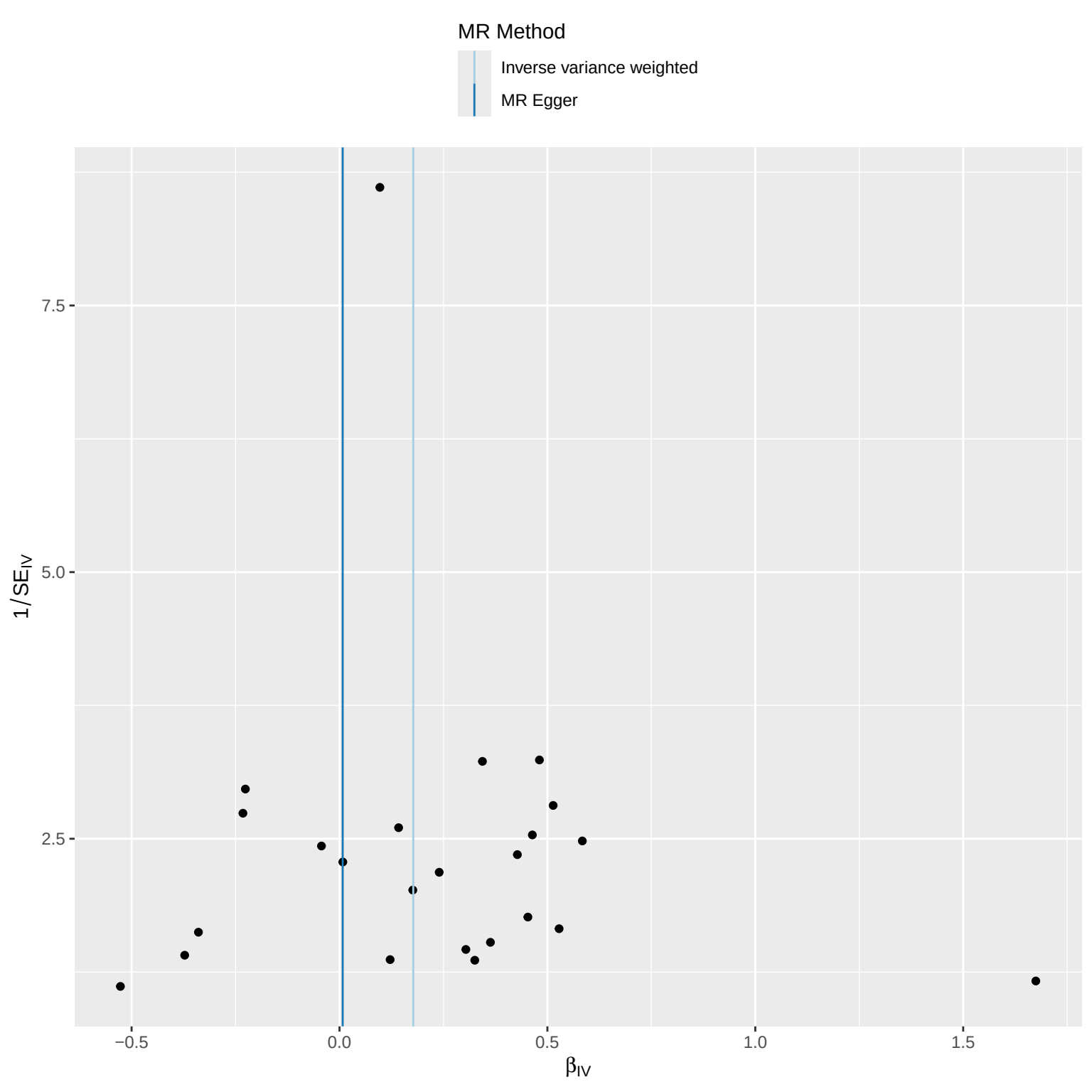

MR Method
Inverse variance weighted
MR Egger
2.50
2.25
2.00
1.75
1.50
1/SE_IV
−0.9
−0.6
−0.3
β_IV

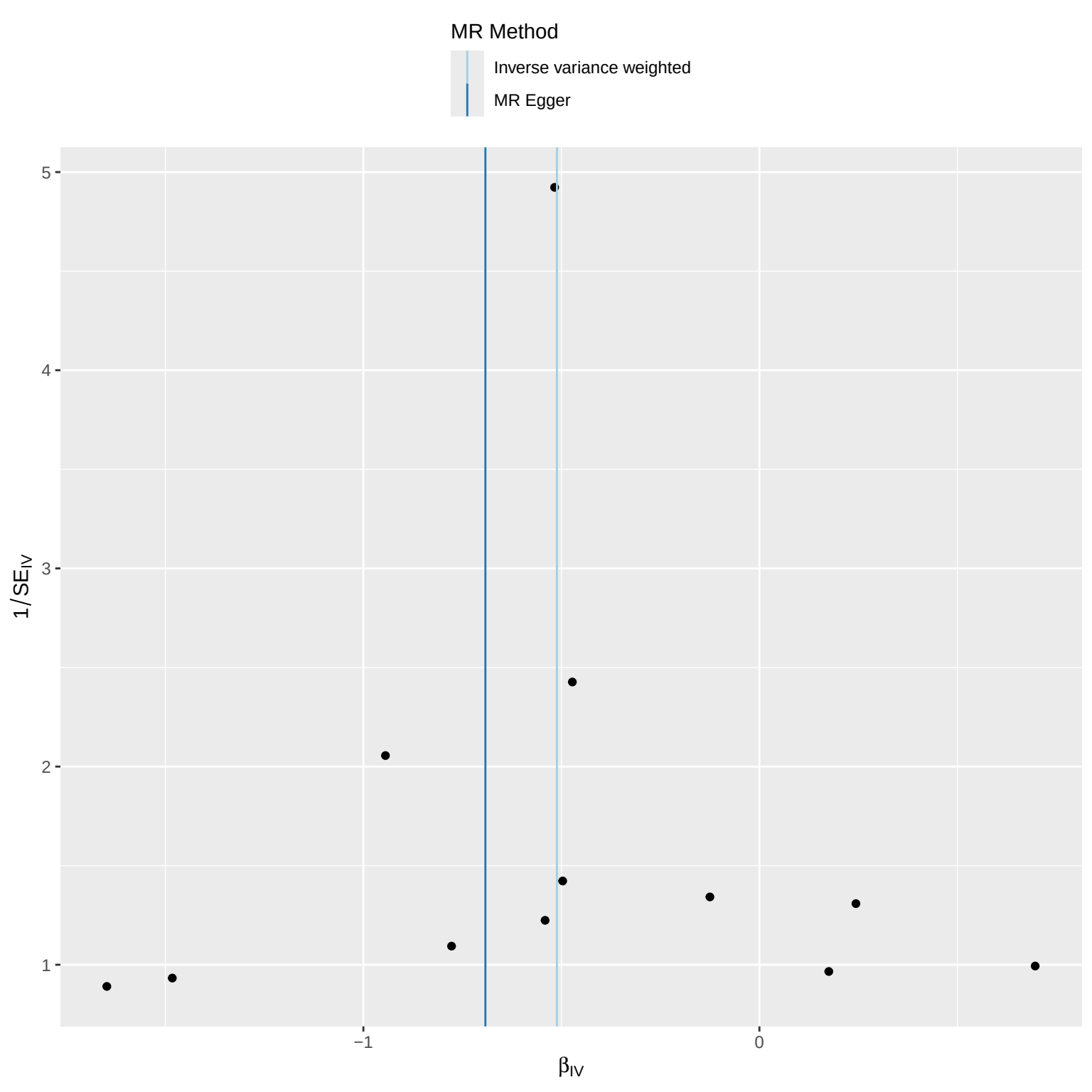

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

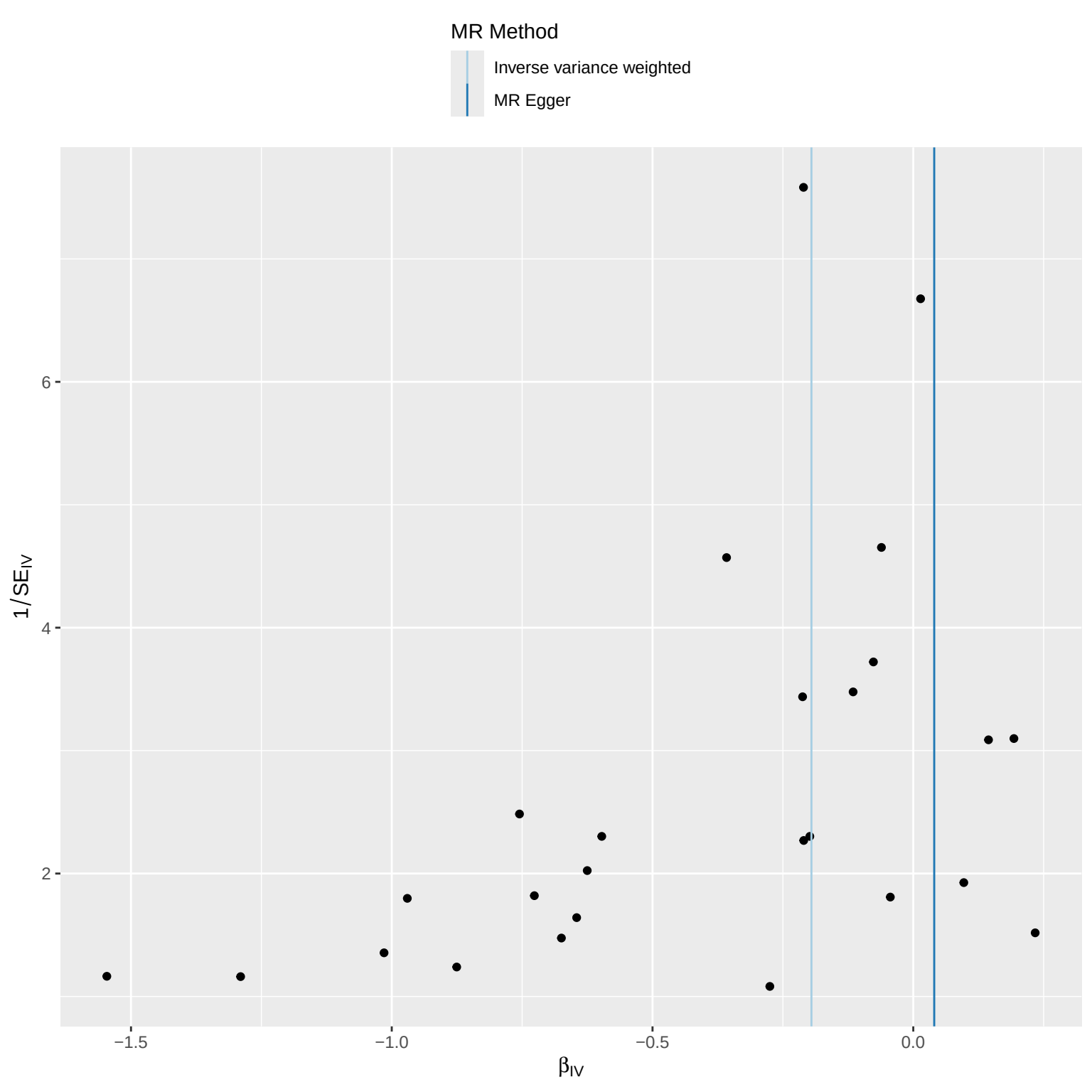

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

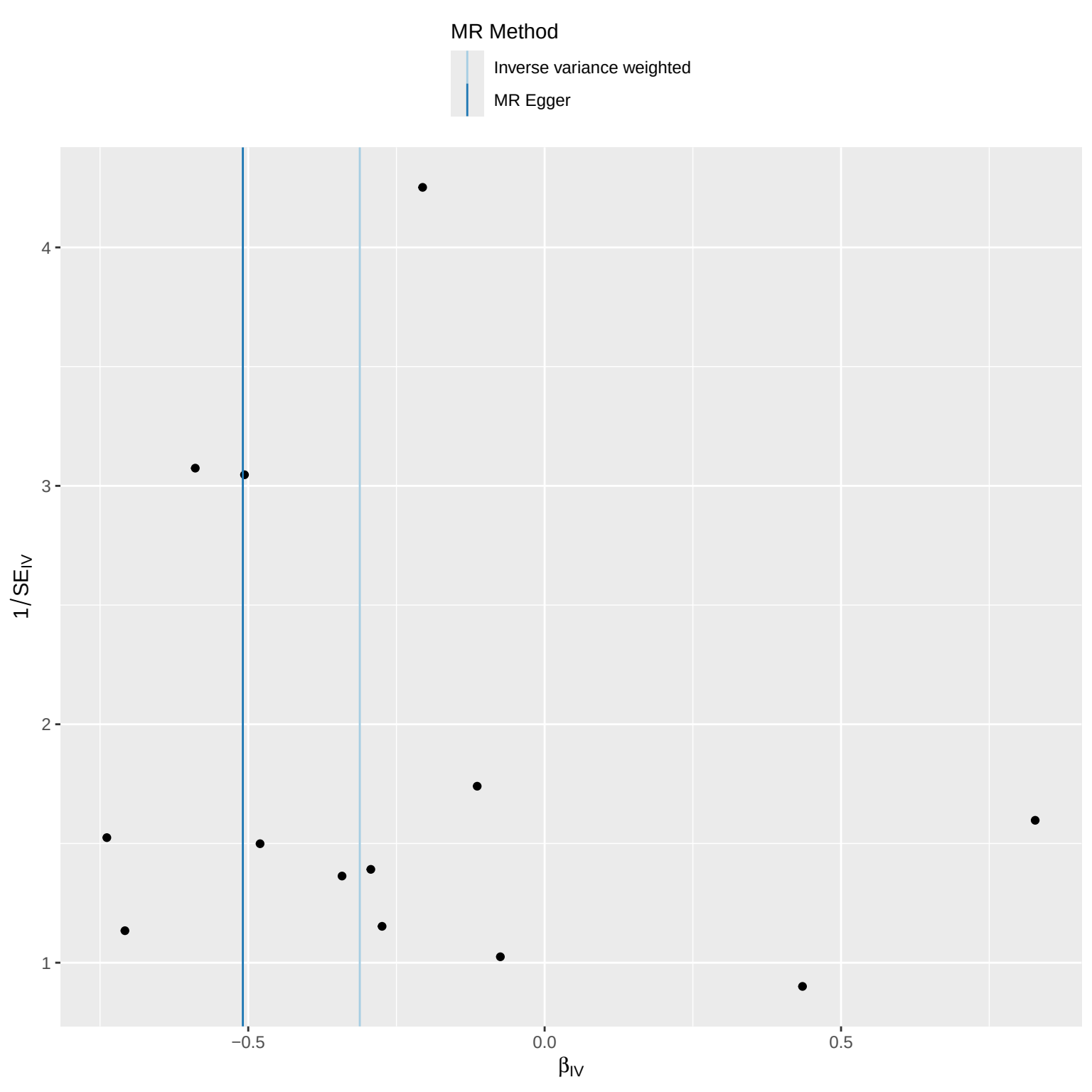

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
0
1
2
β_IV

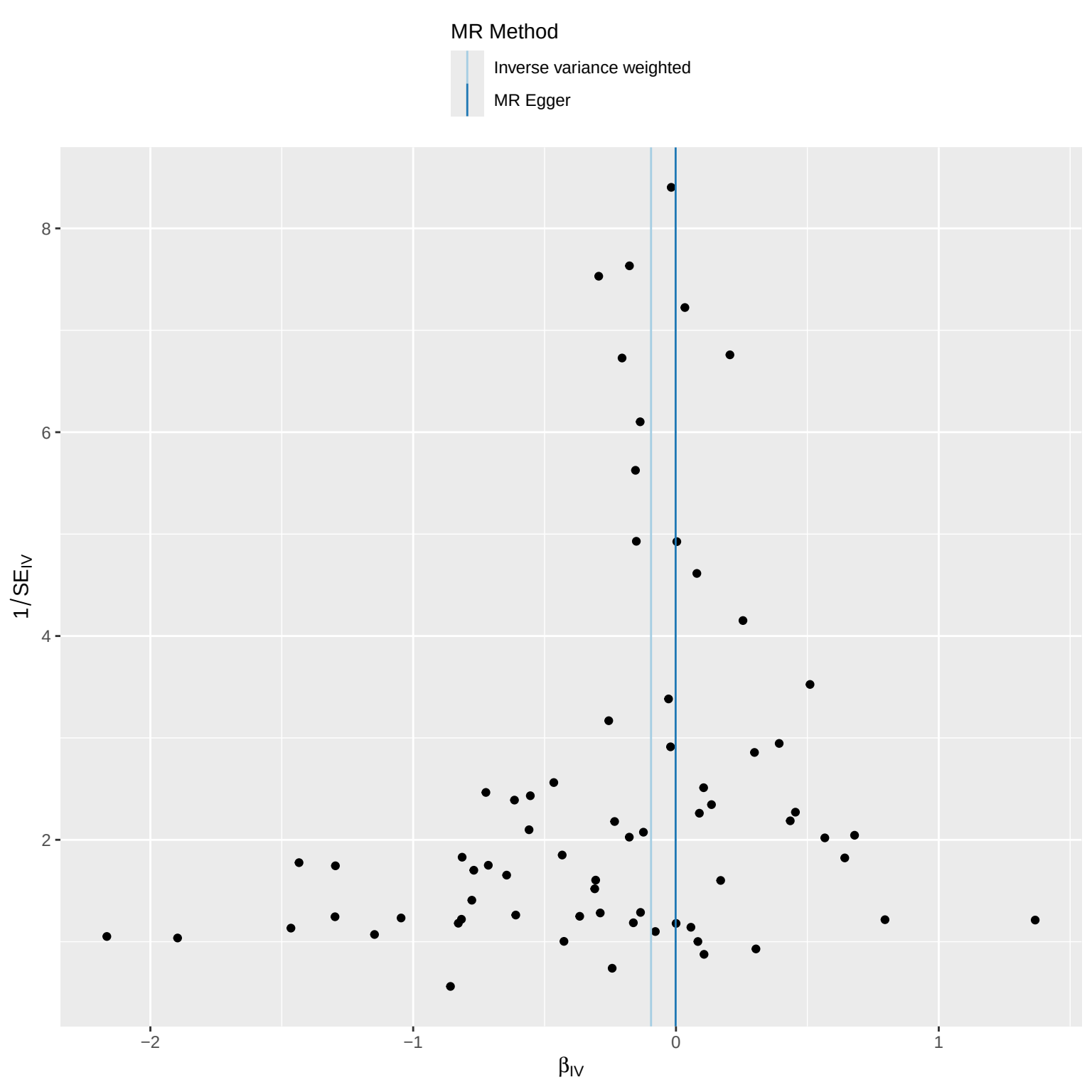

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.25
0.50
0.75
1.00
1.25
β_IV

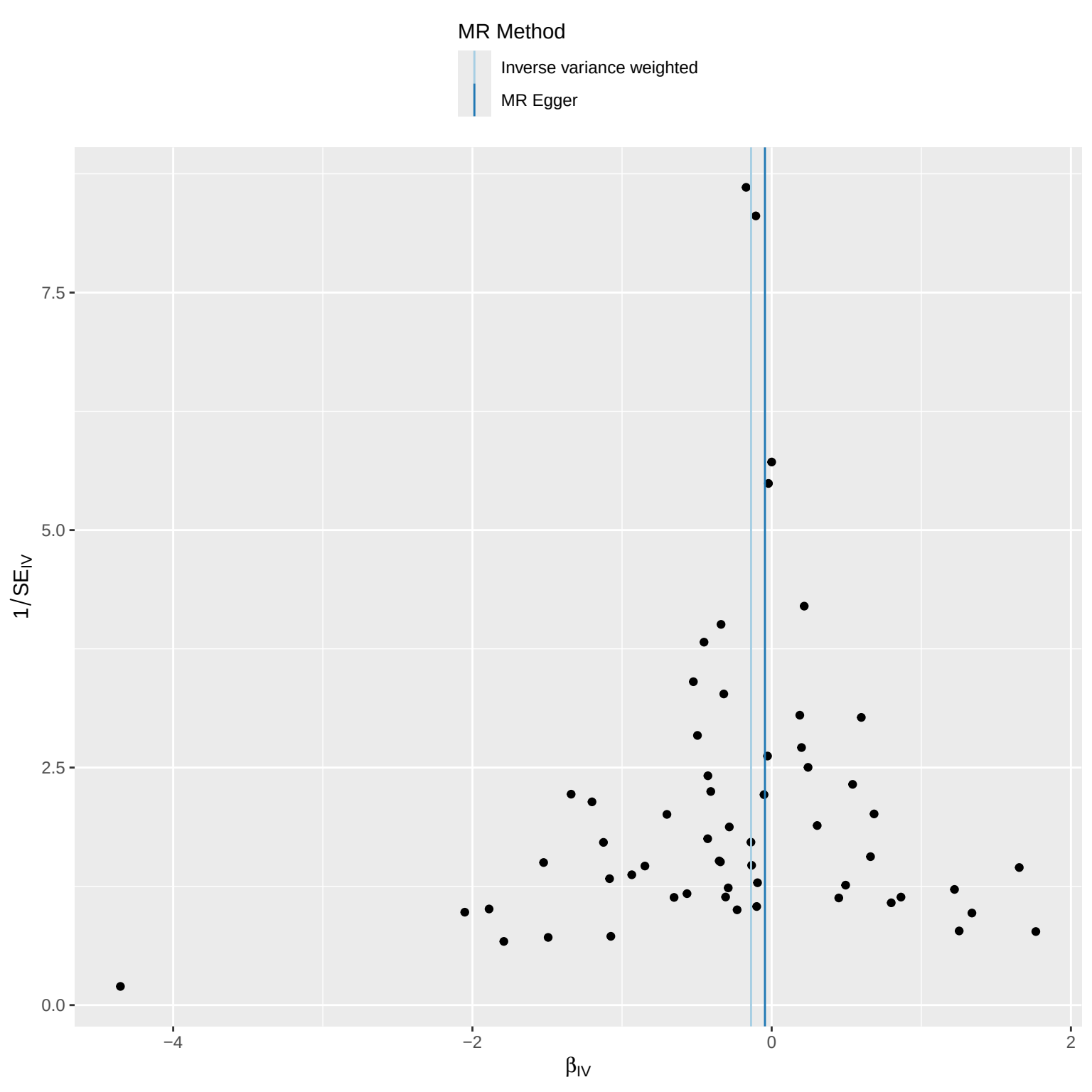

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

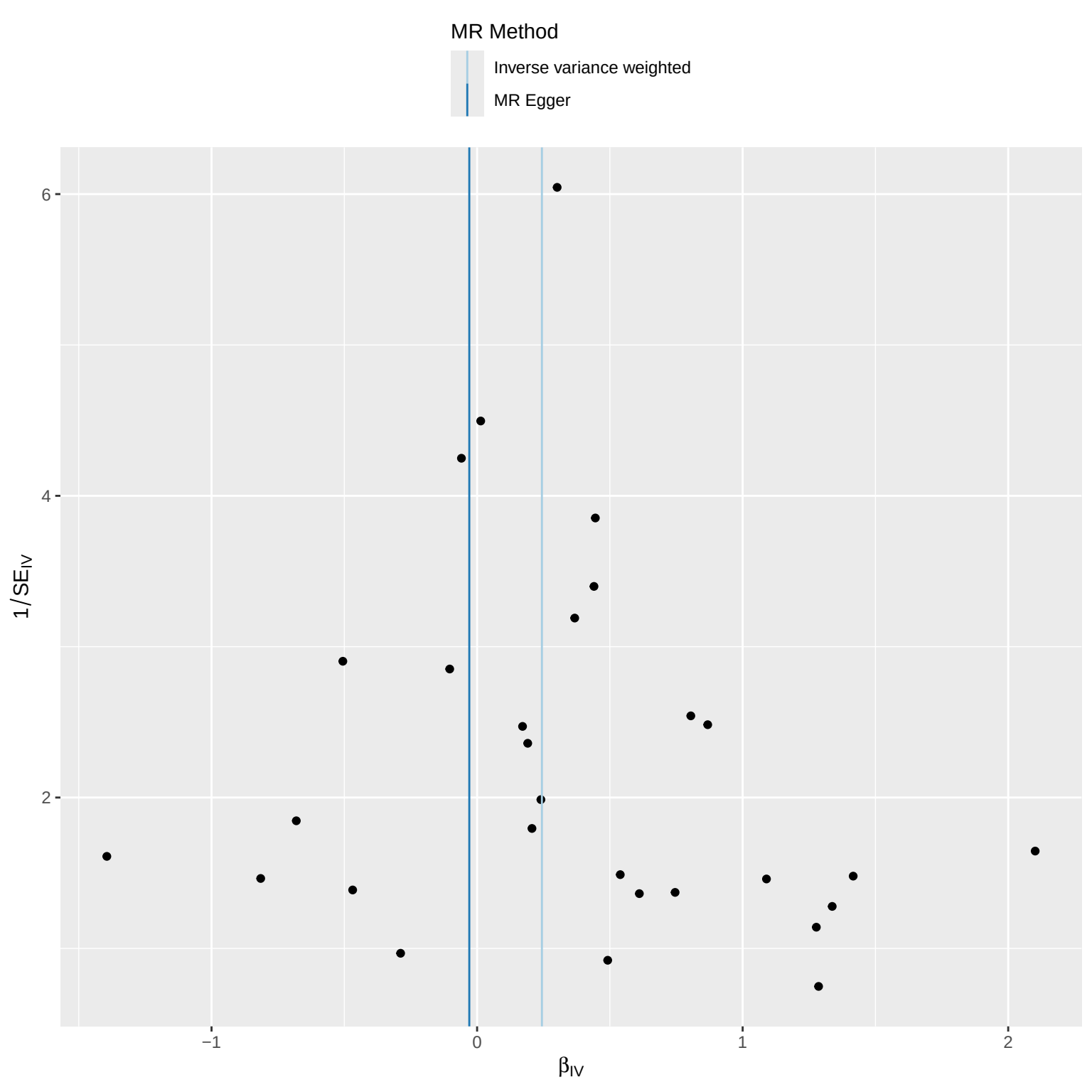

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
β_IV

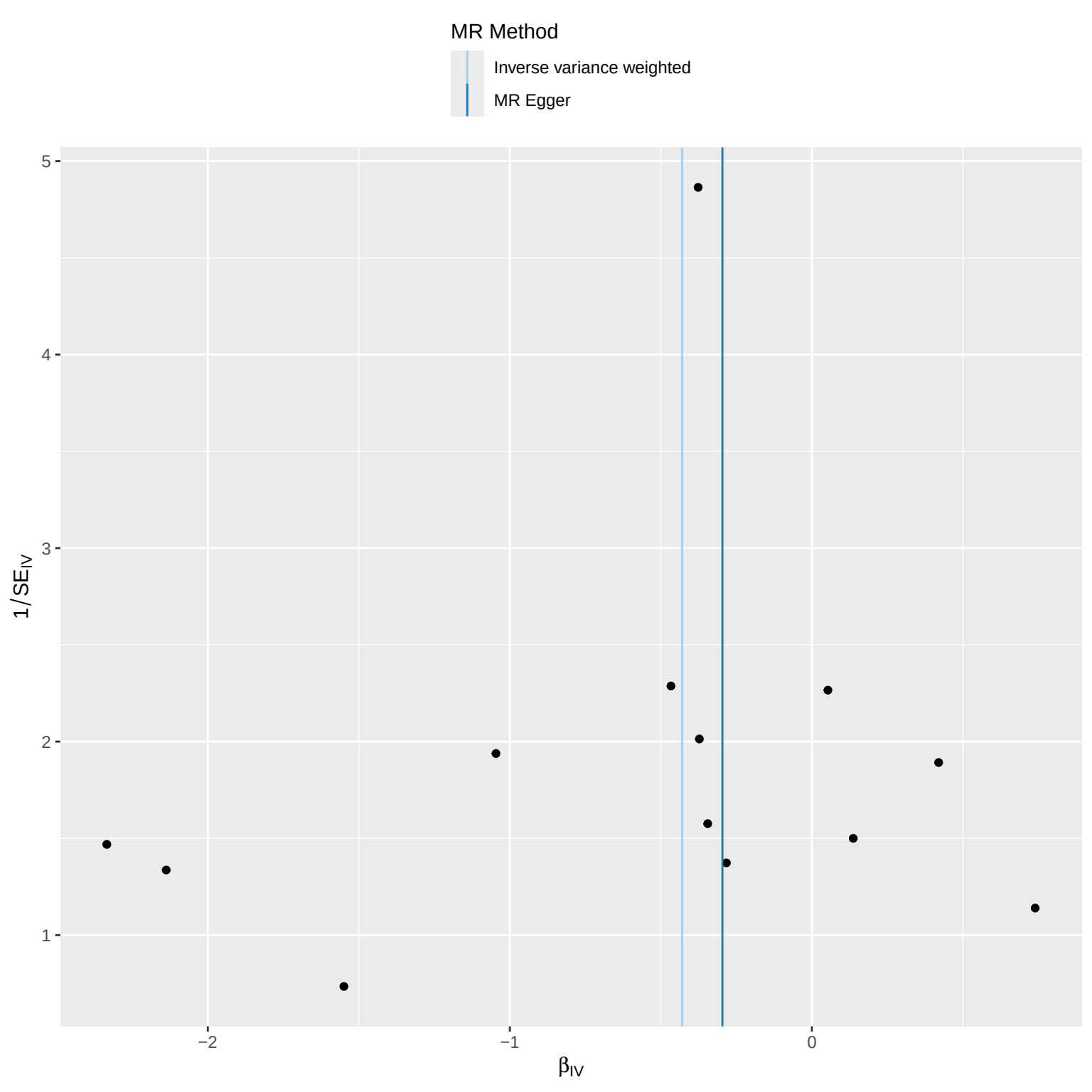

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

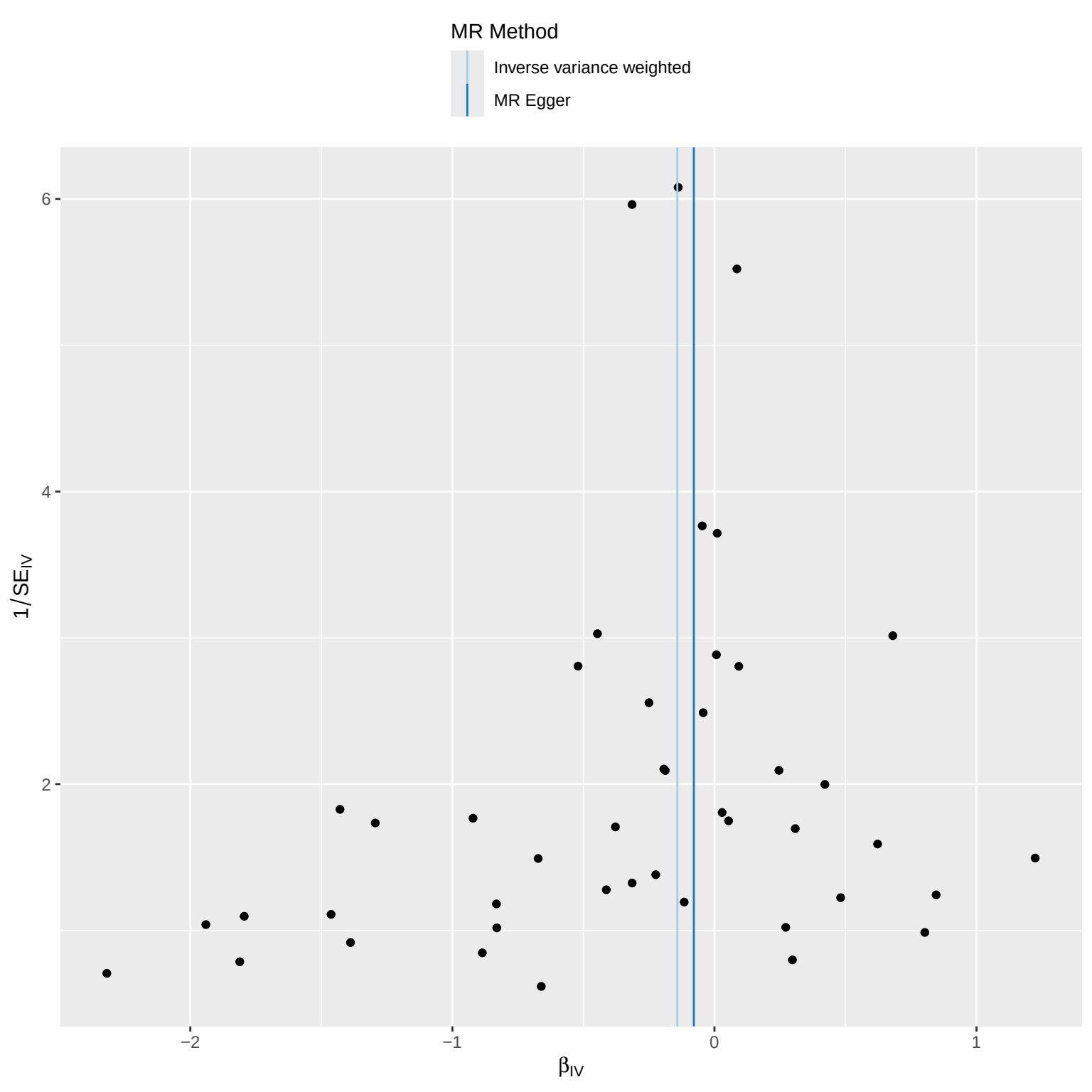

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
β_IV

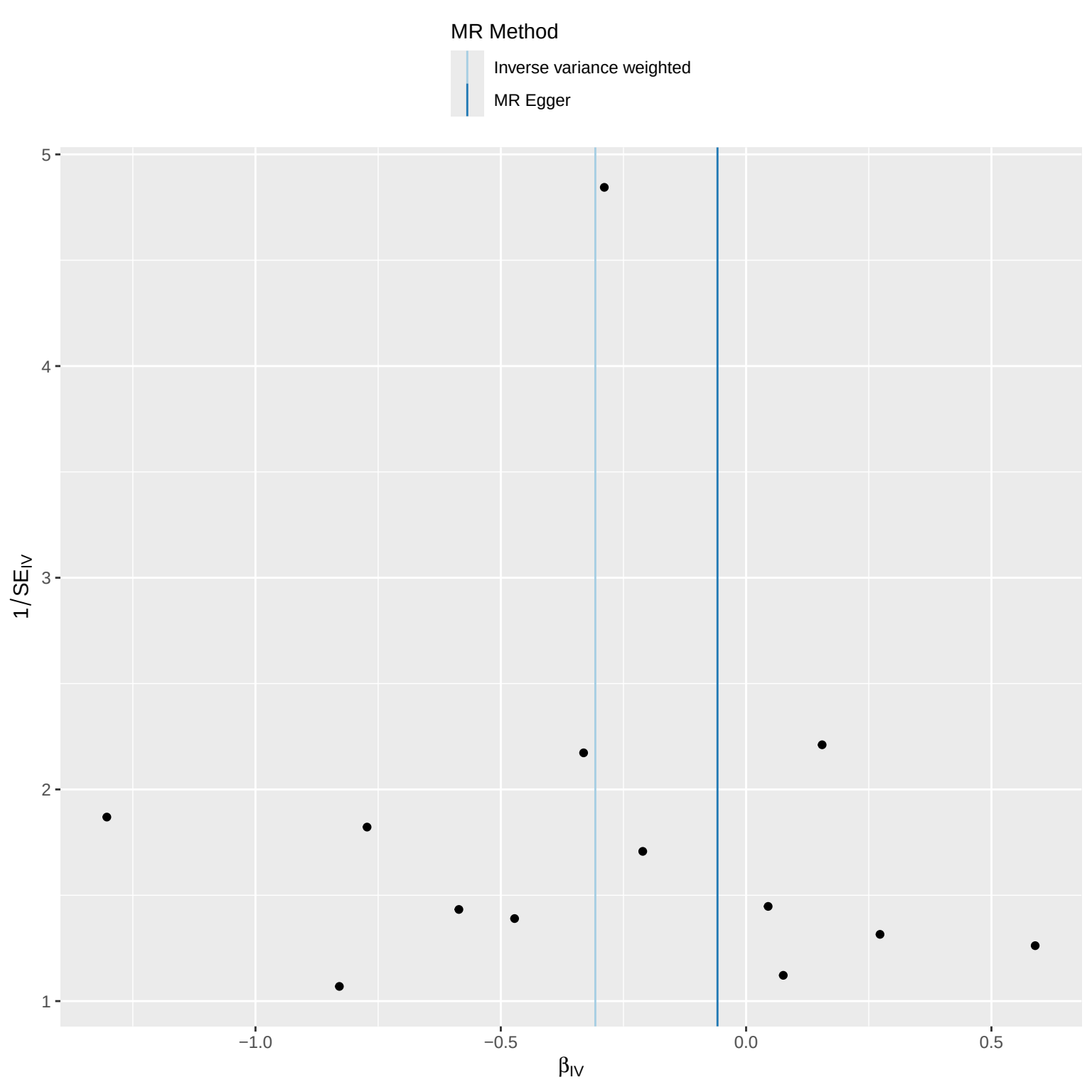

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

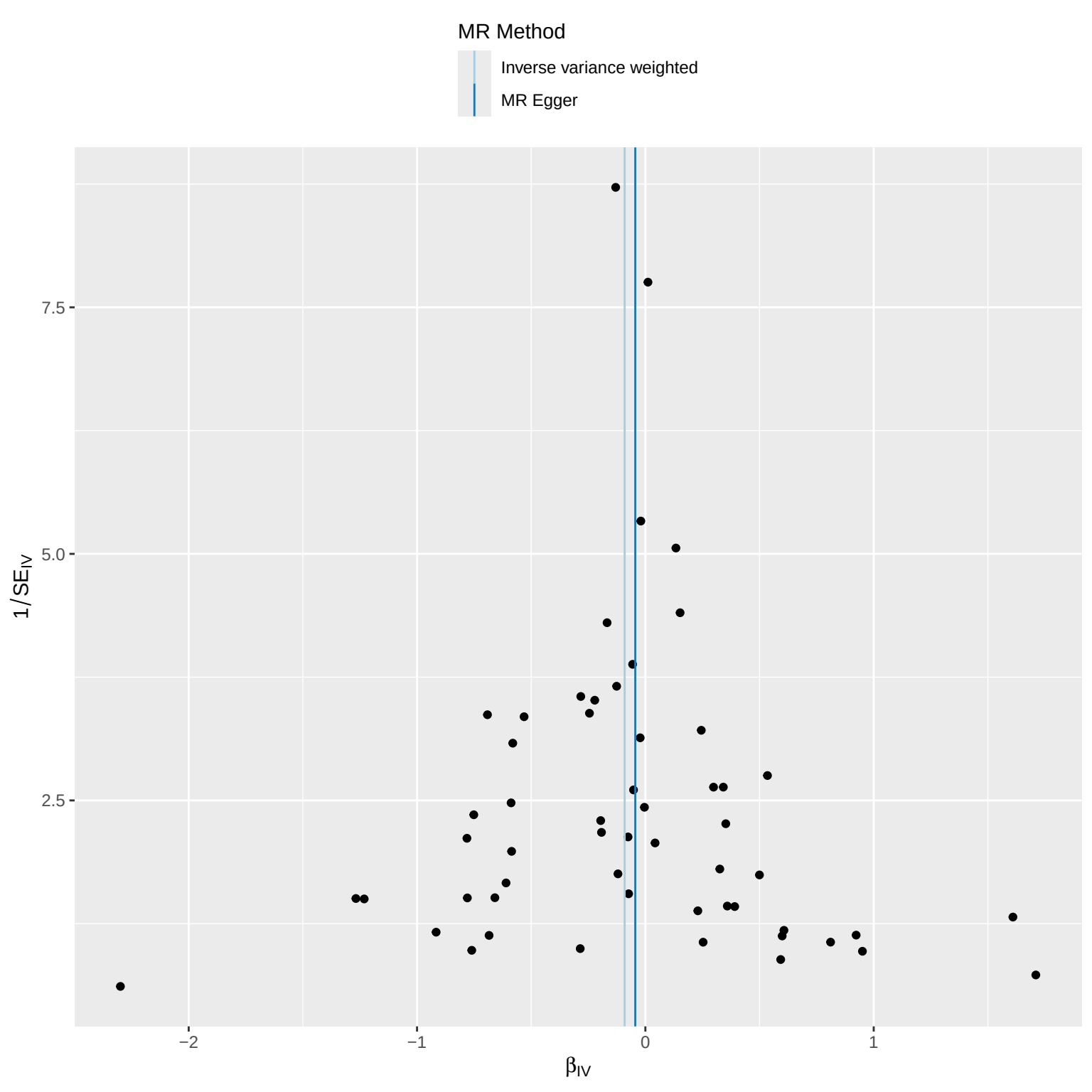

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−4
−2
0
2
β_IV

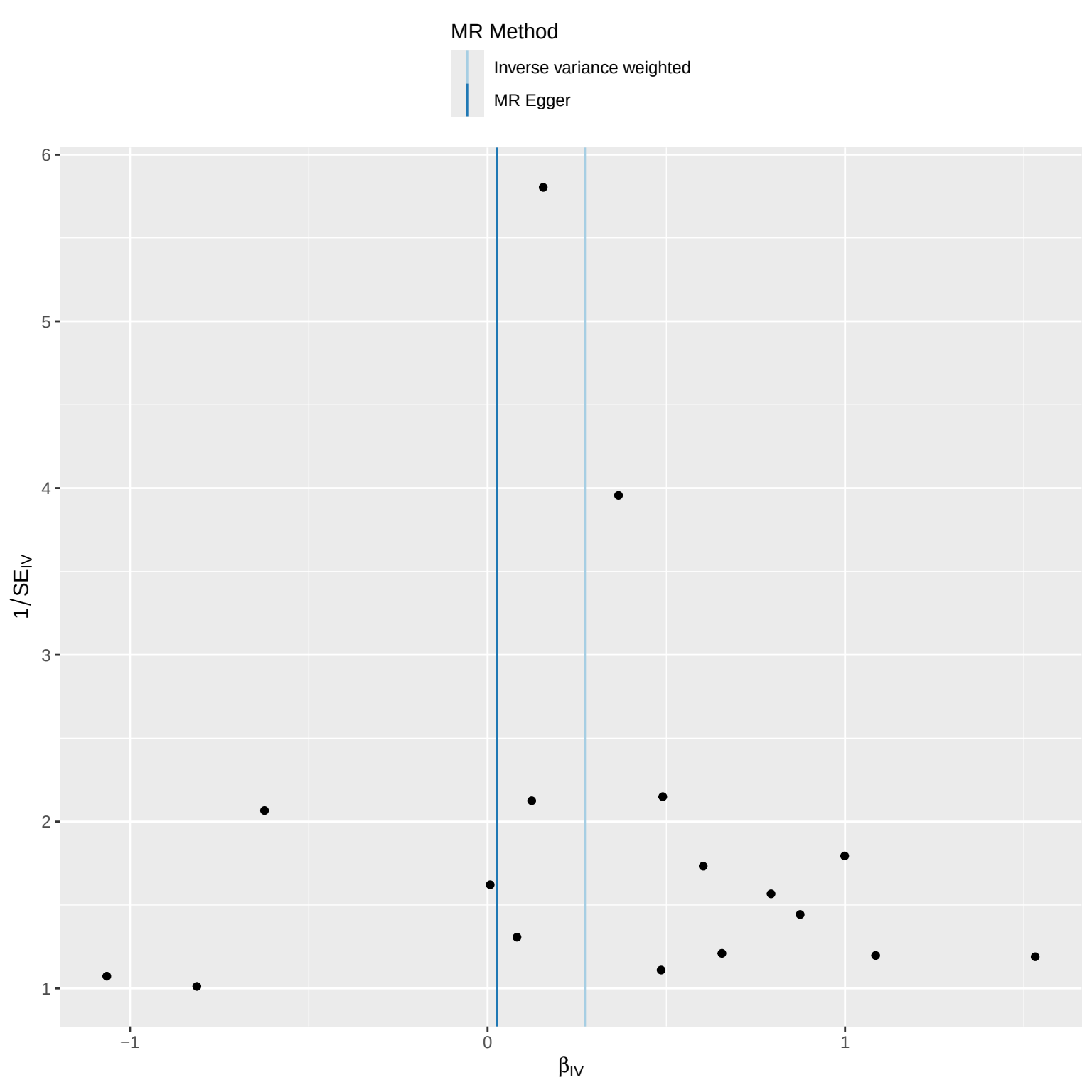

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

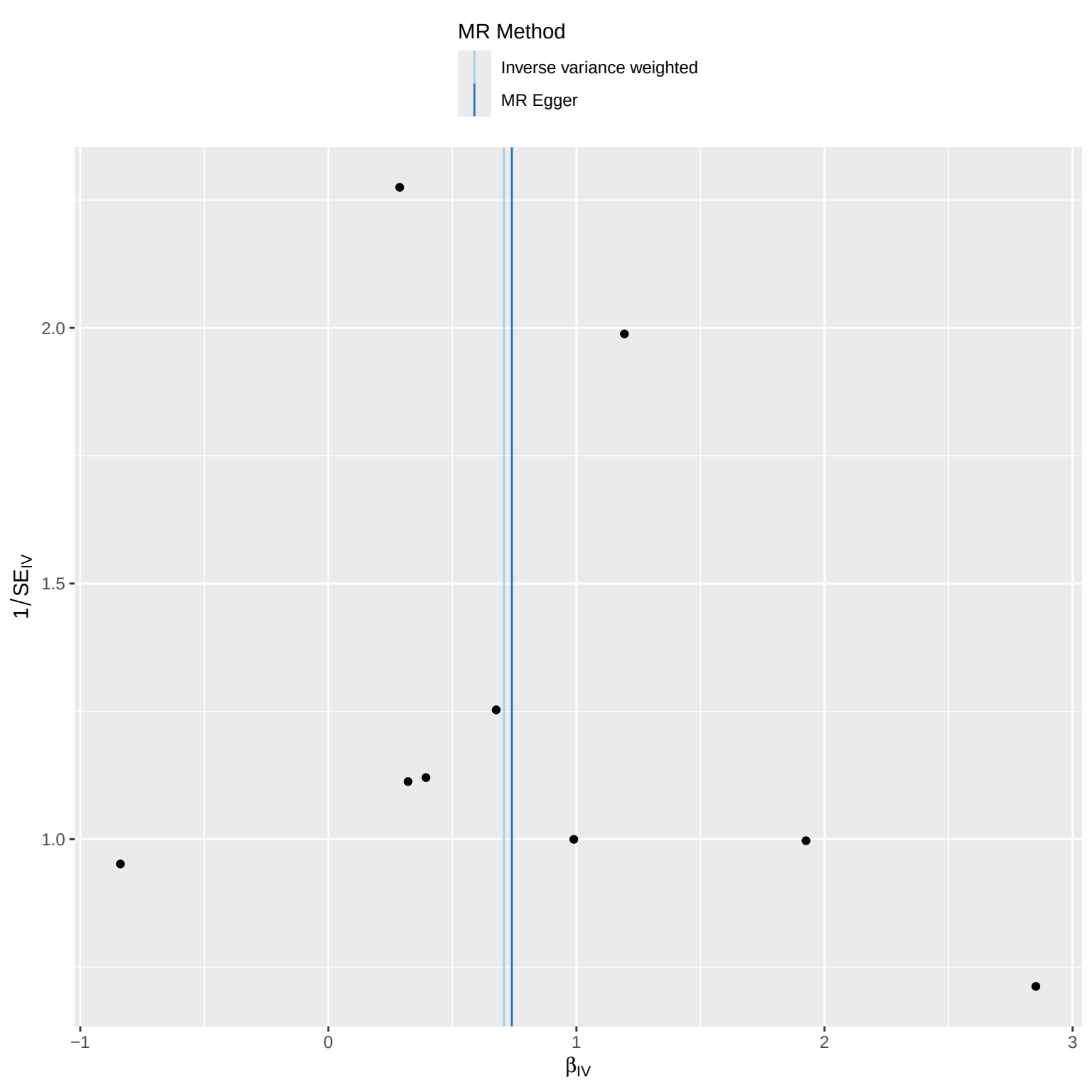

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

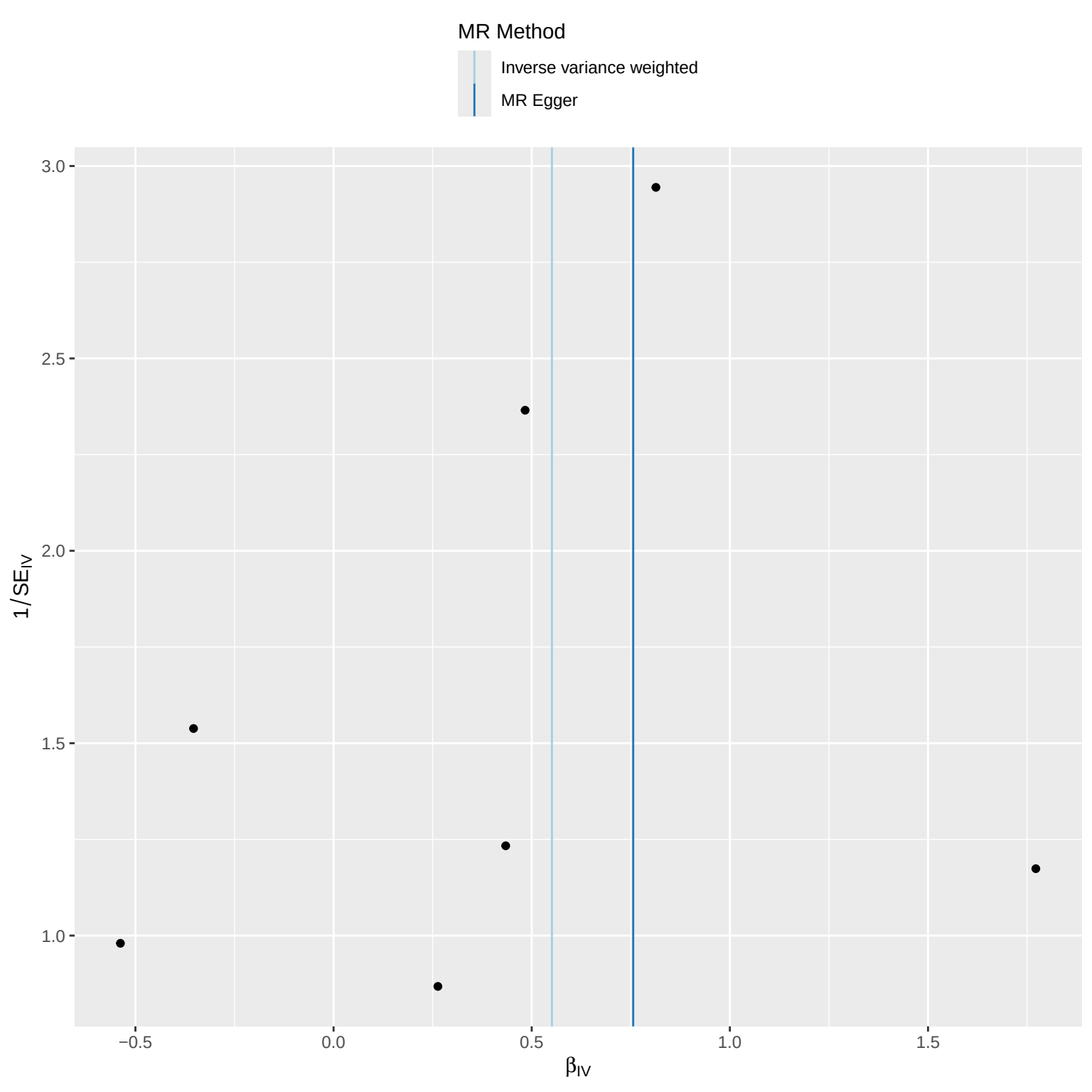

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

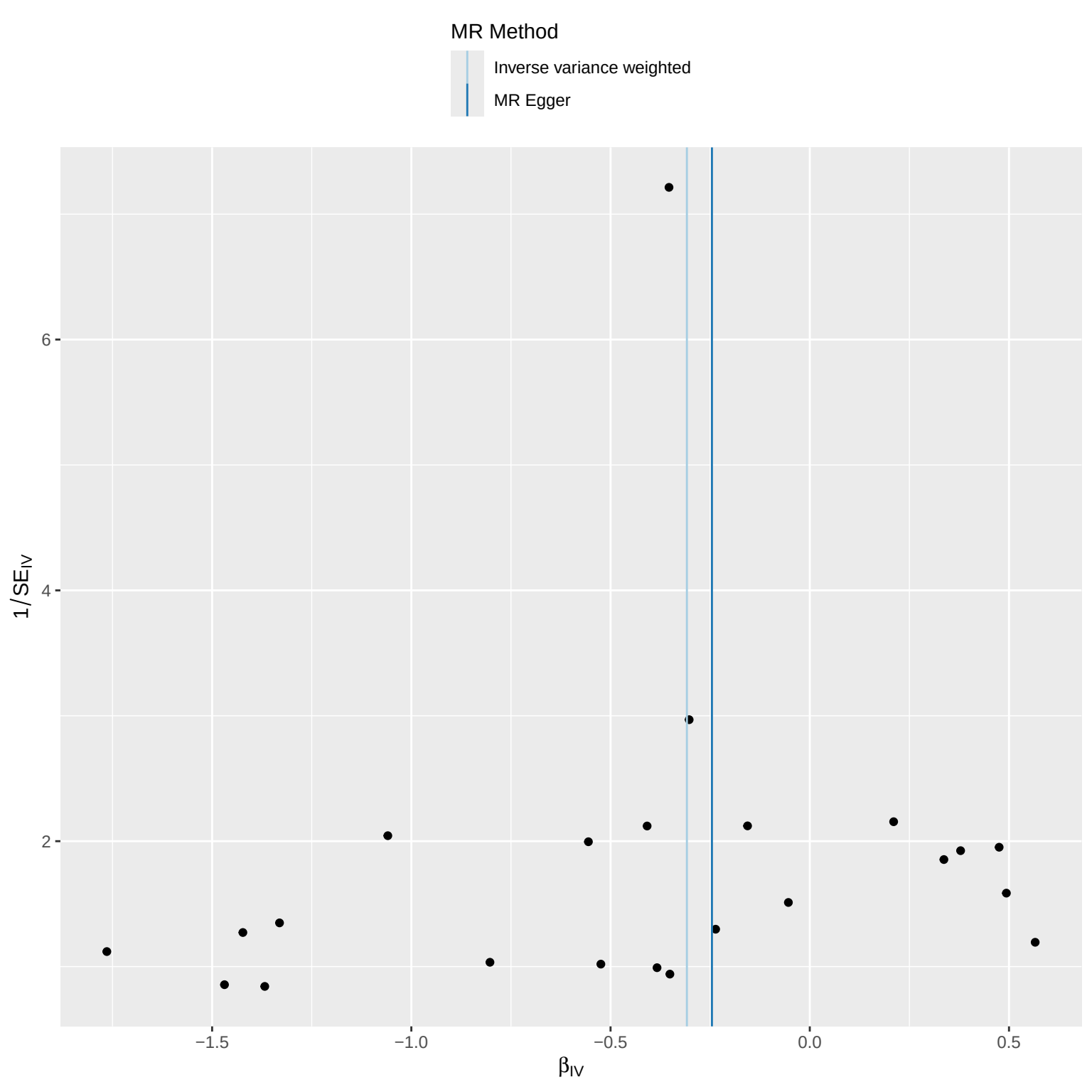

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

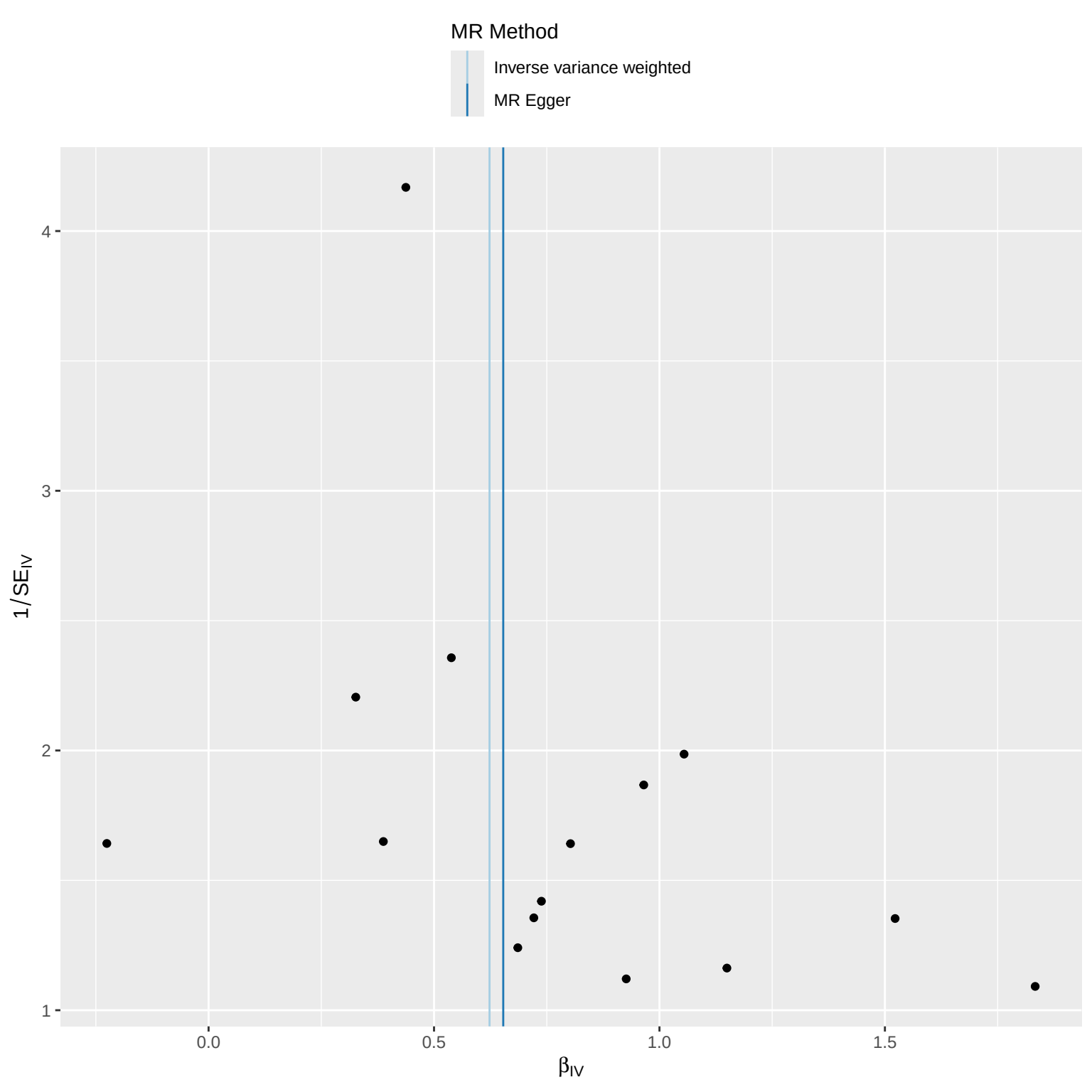

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

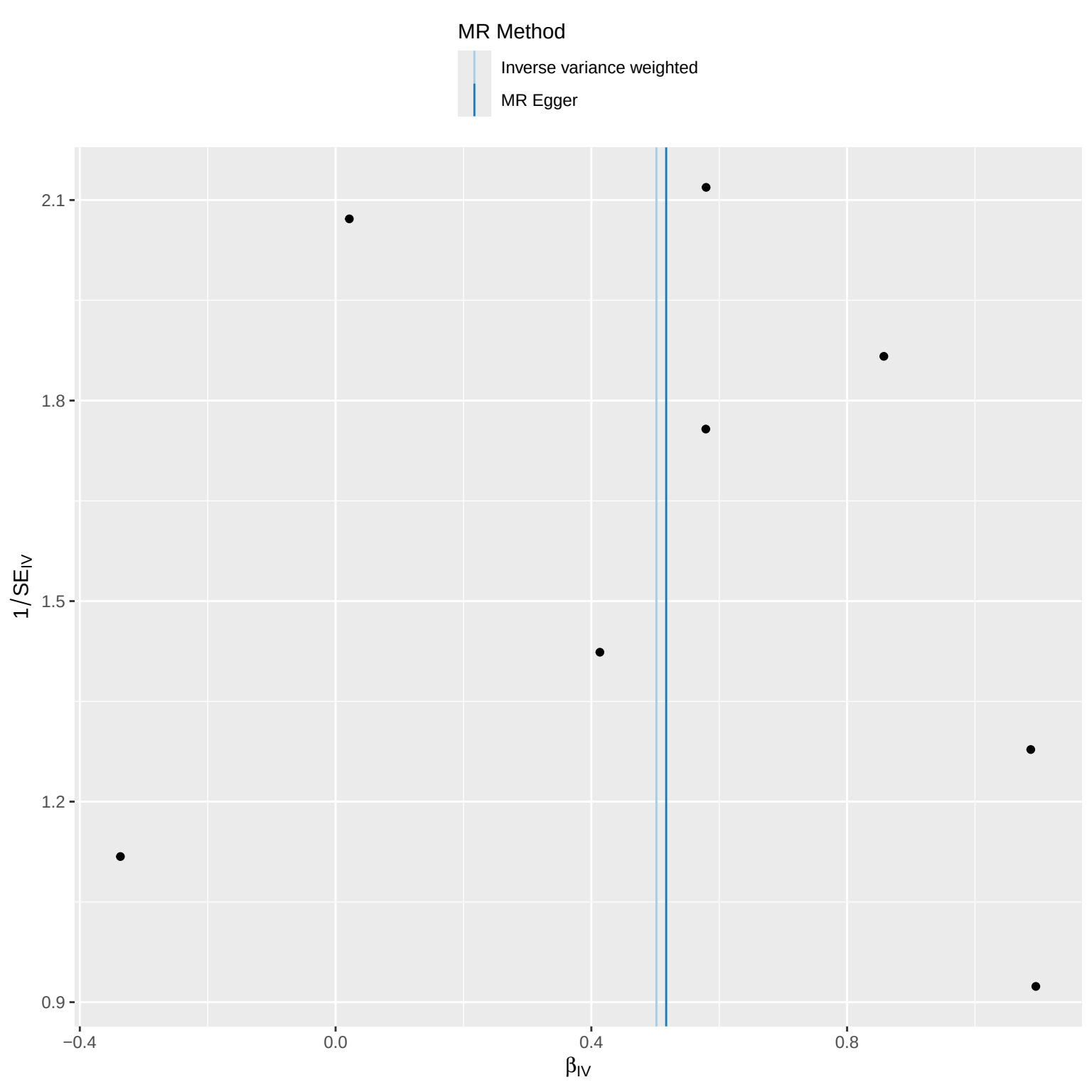

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

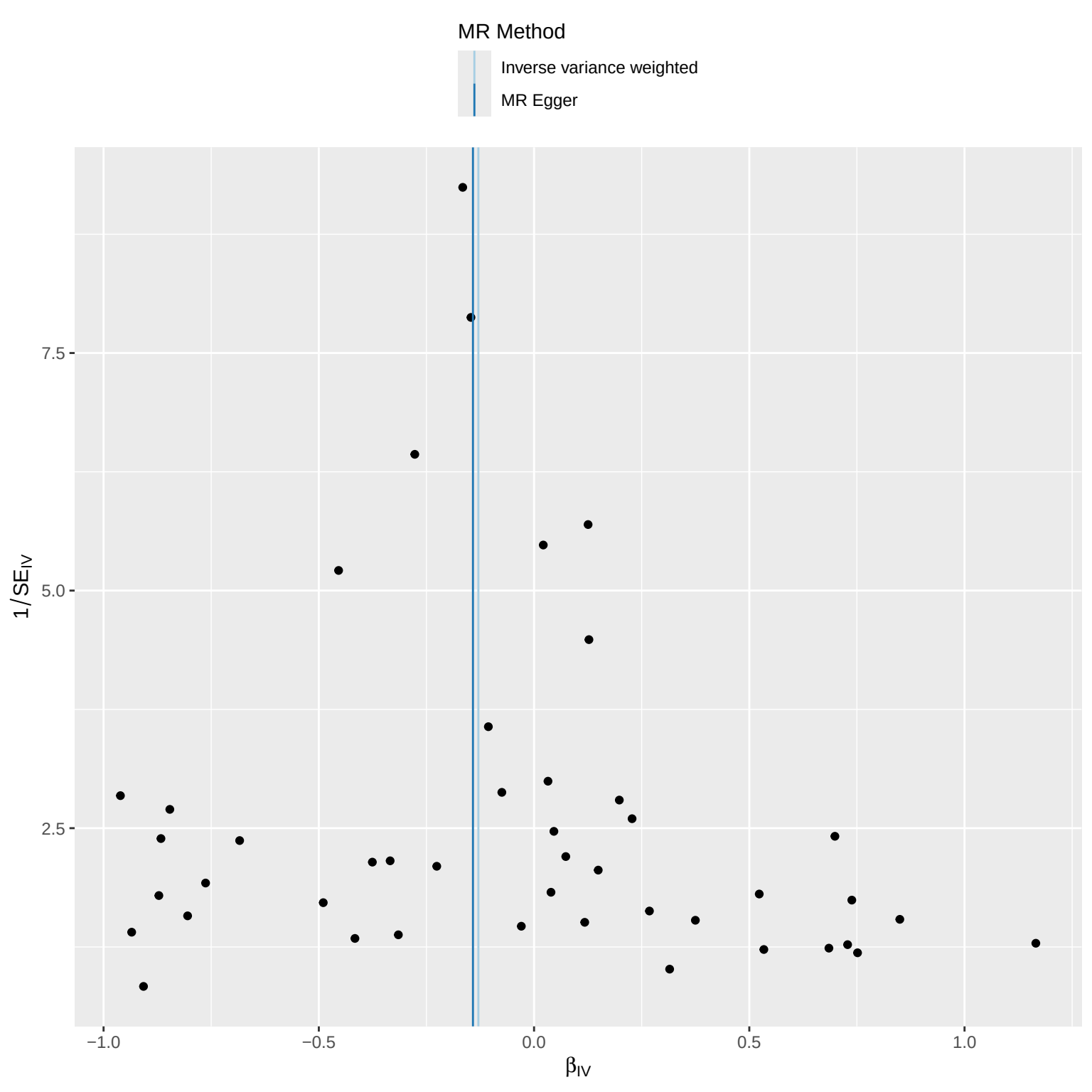

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
3
β_IV

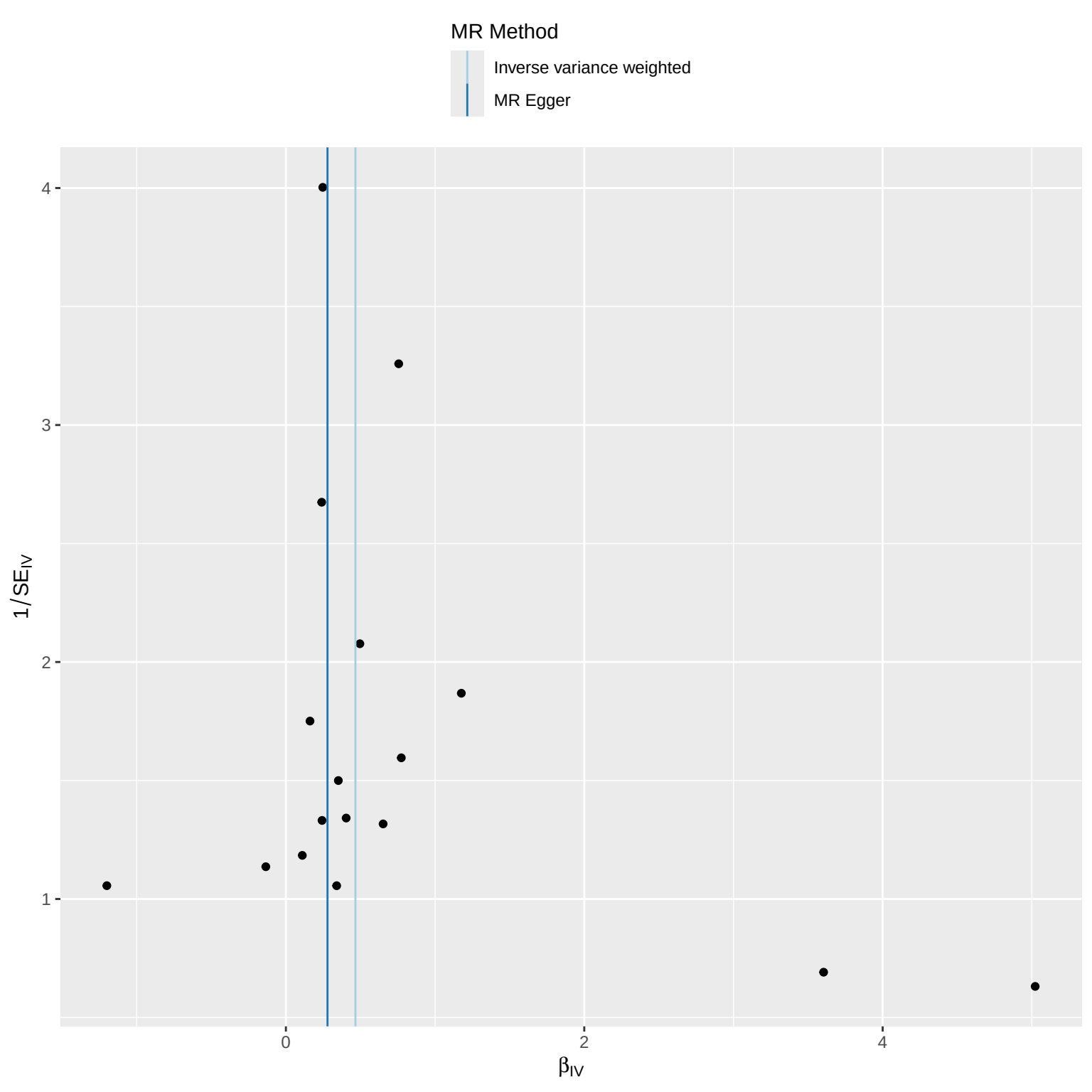

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

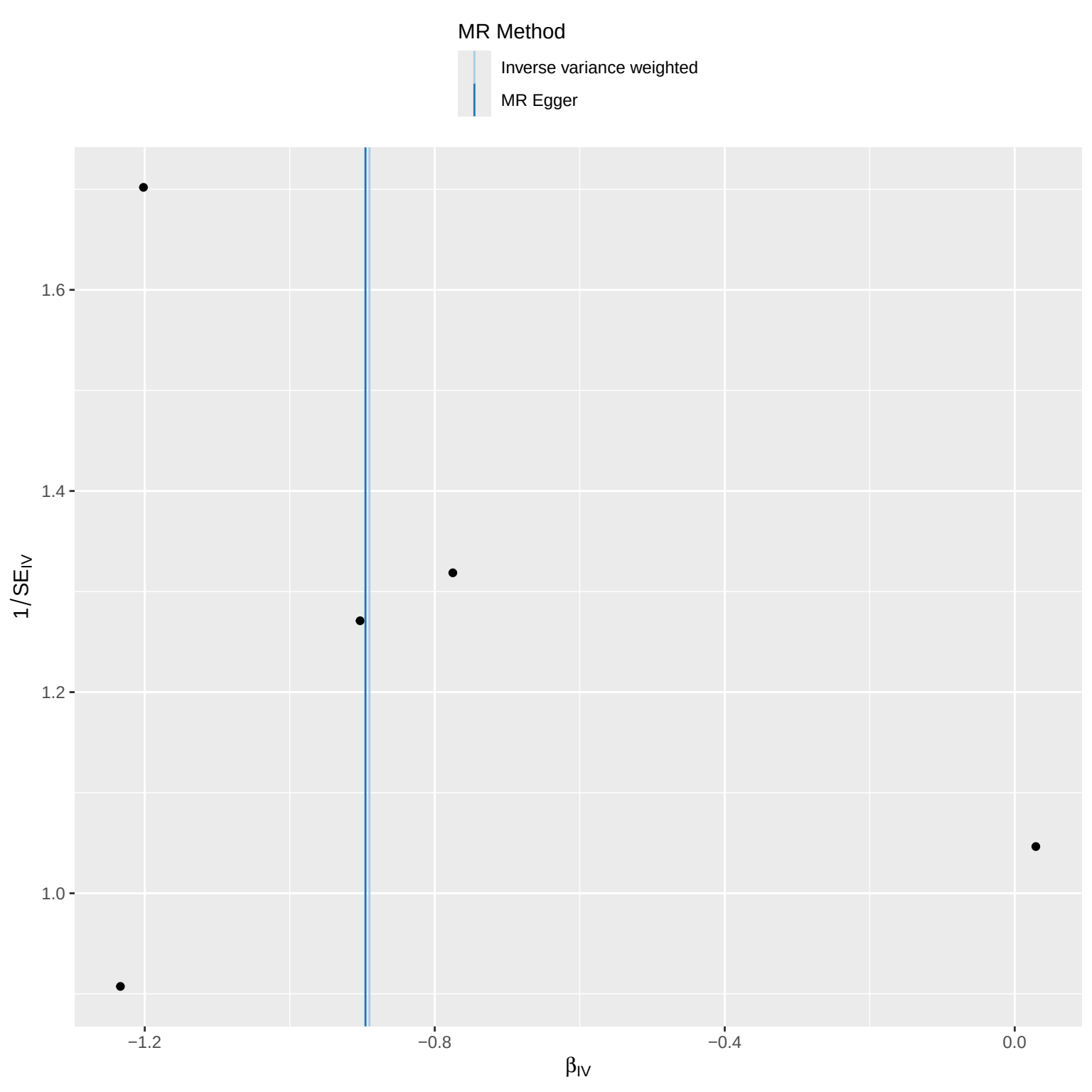

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

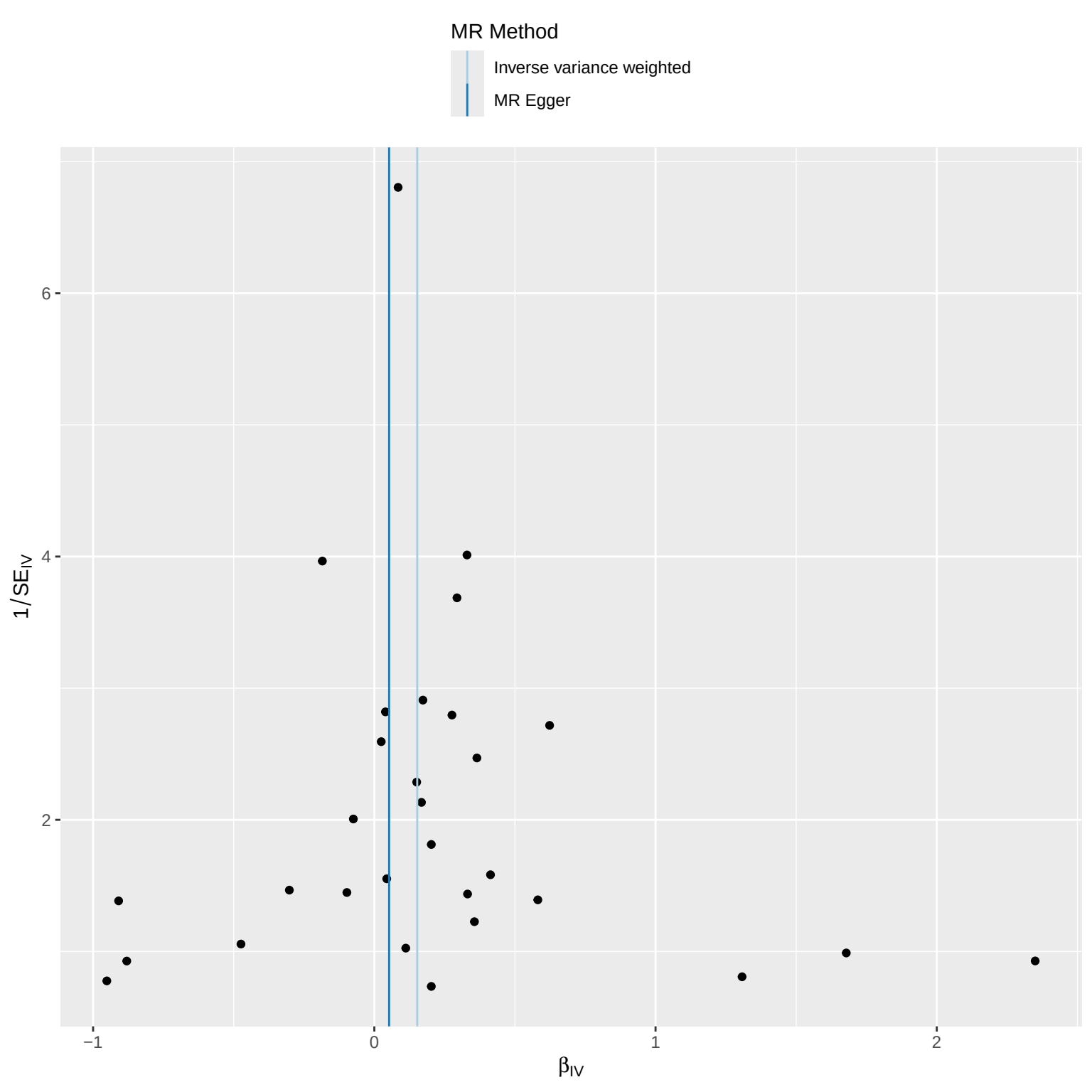

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

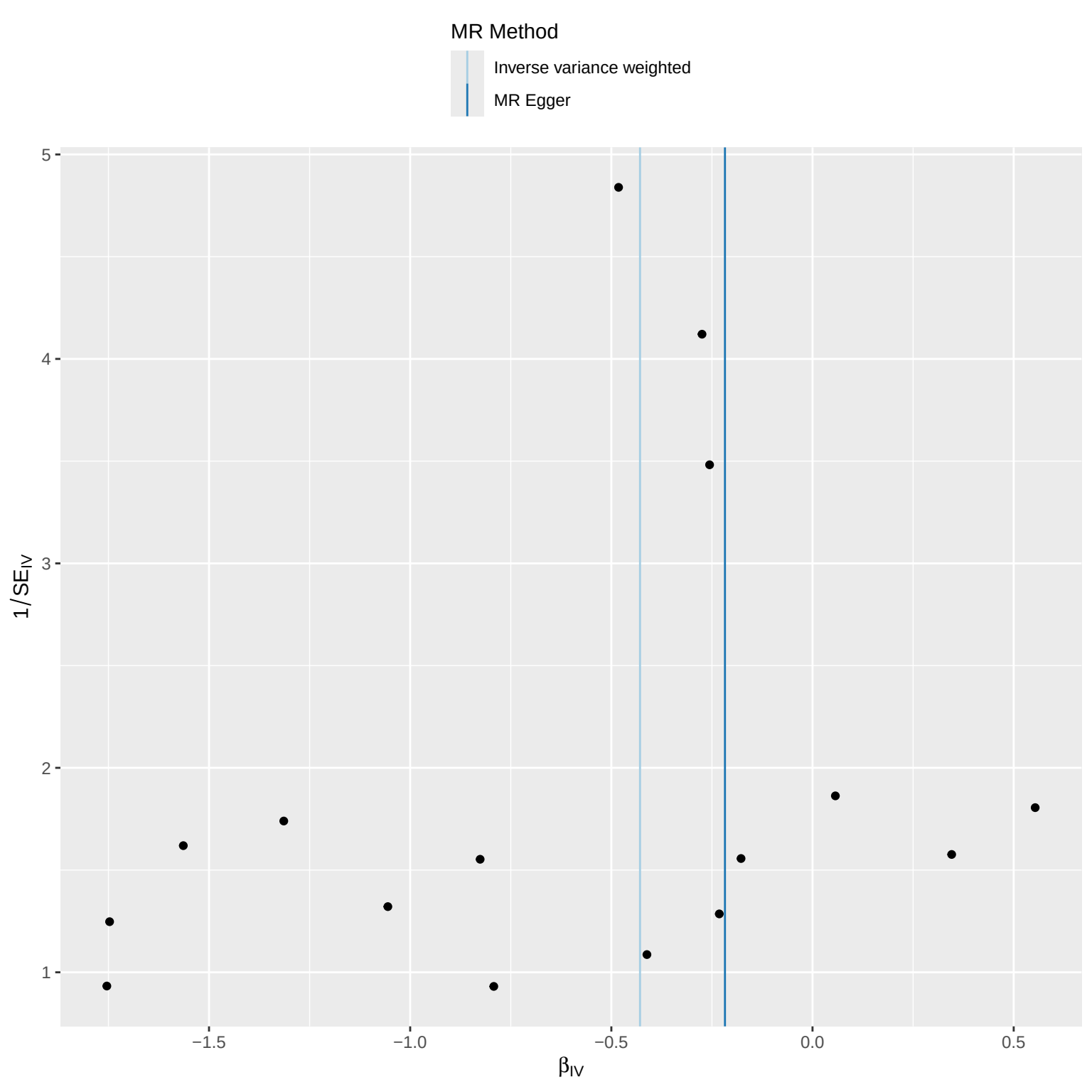

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

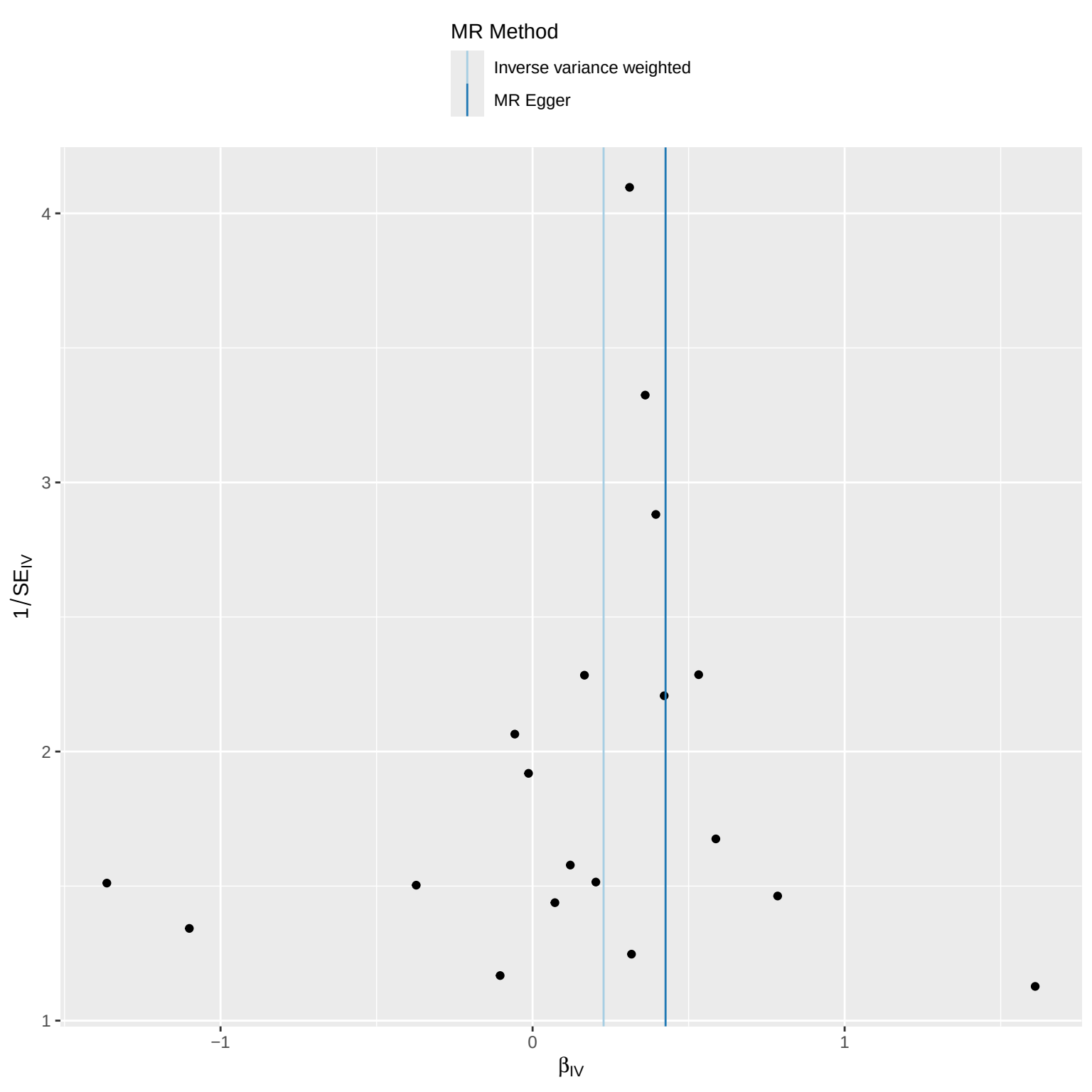

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

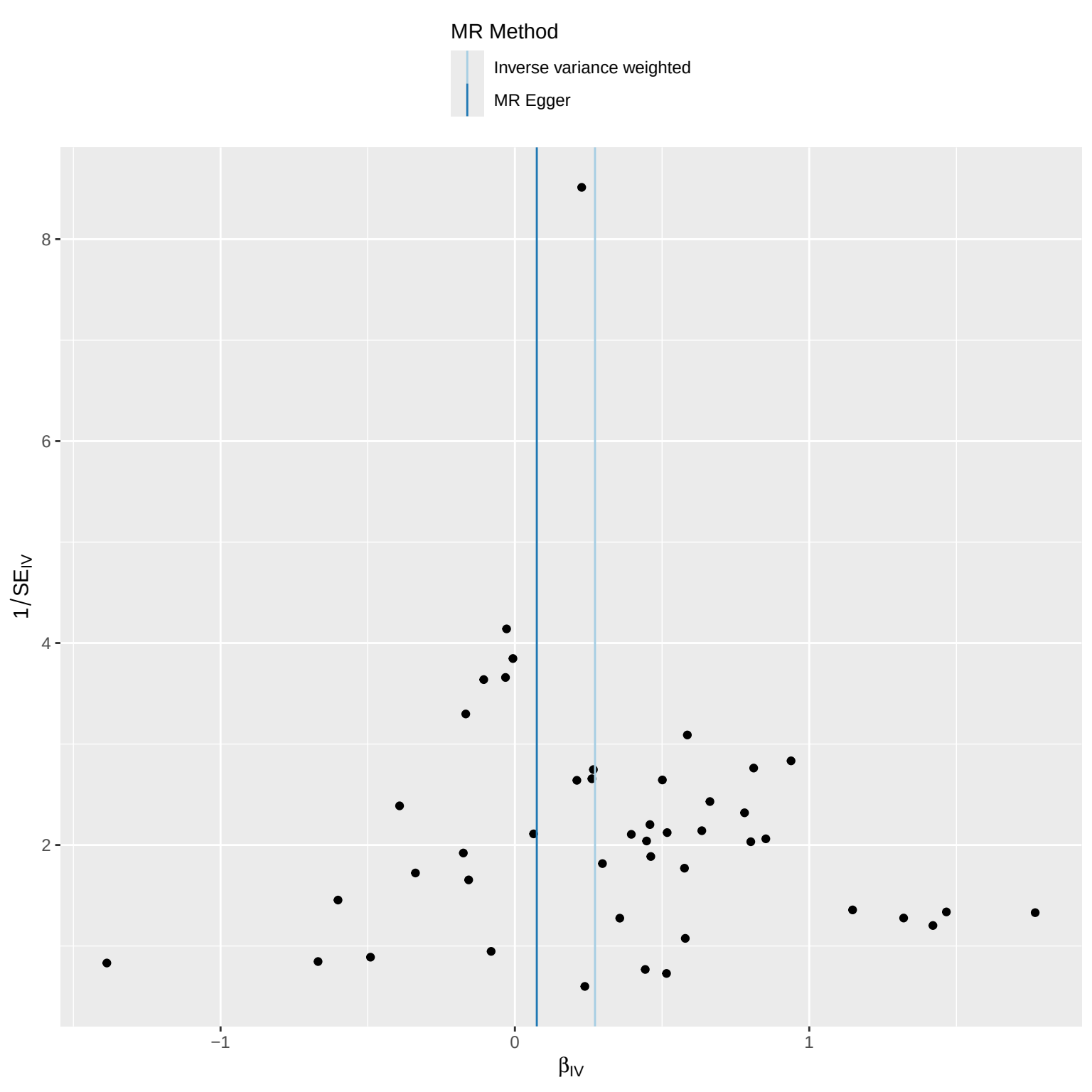

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
2
4
1/SE_IV
β_IV

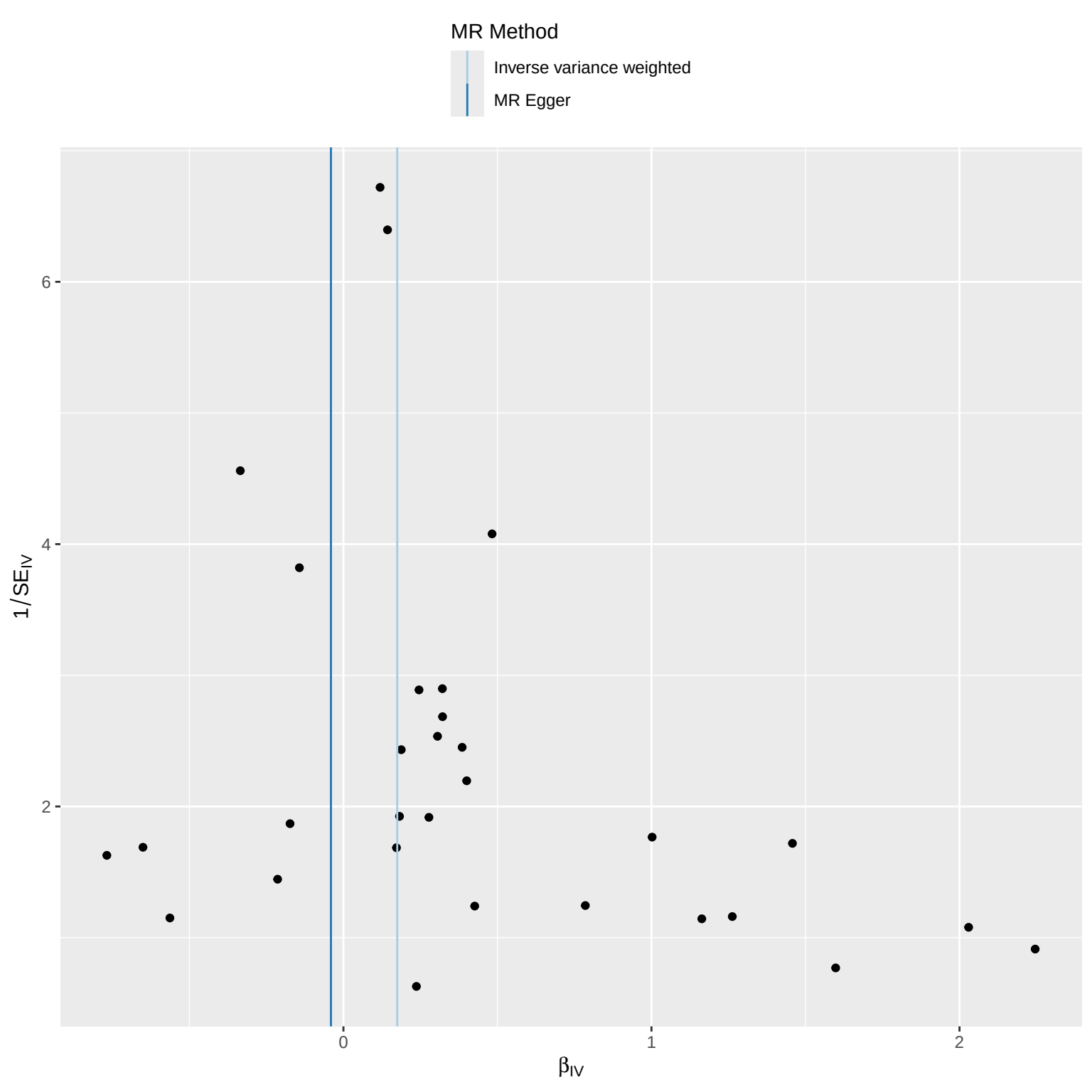

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

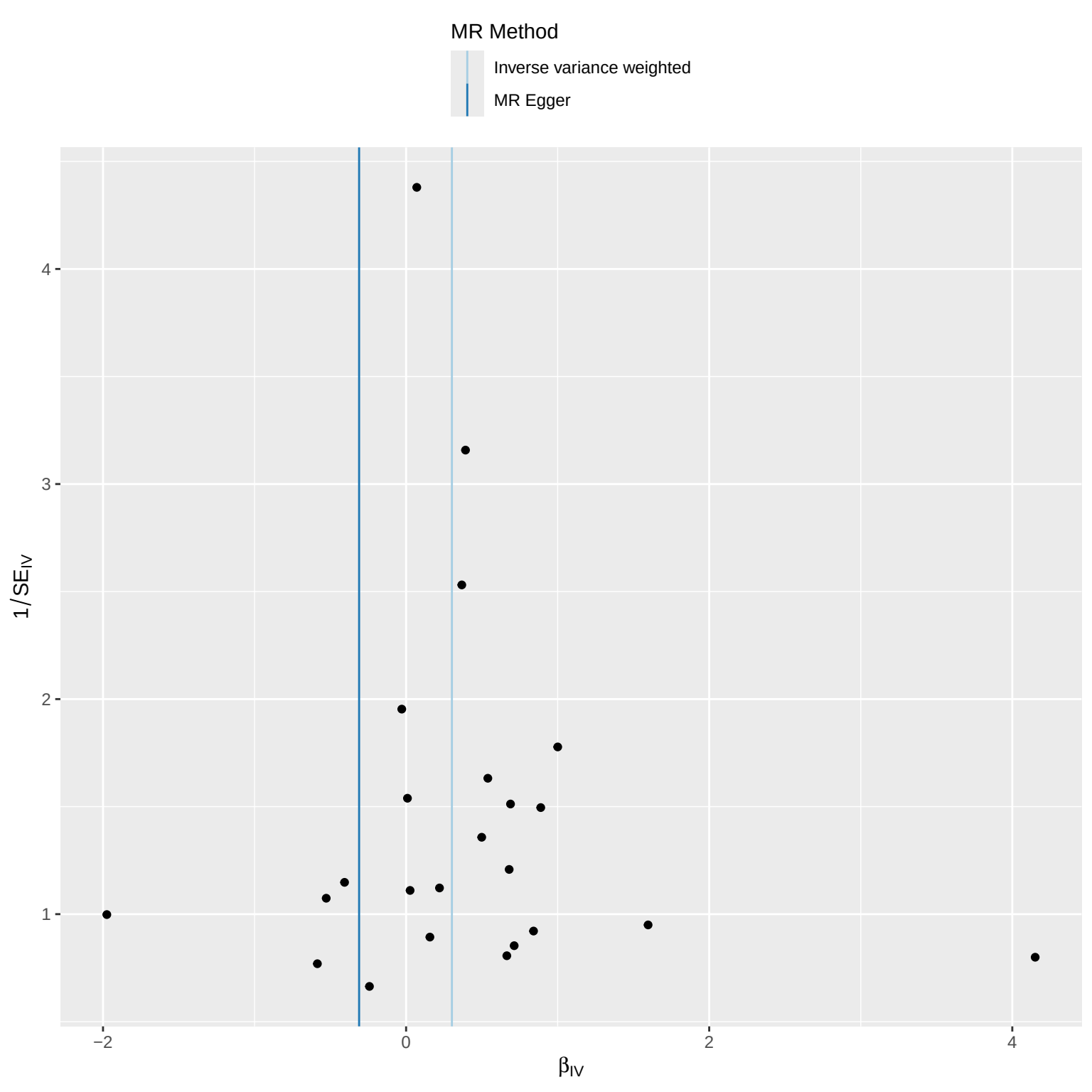

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

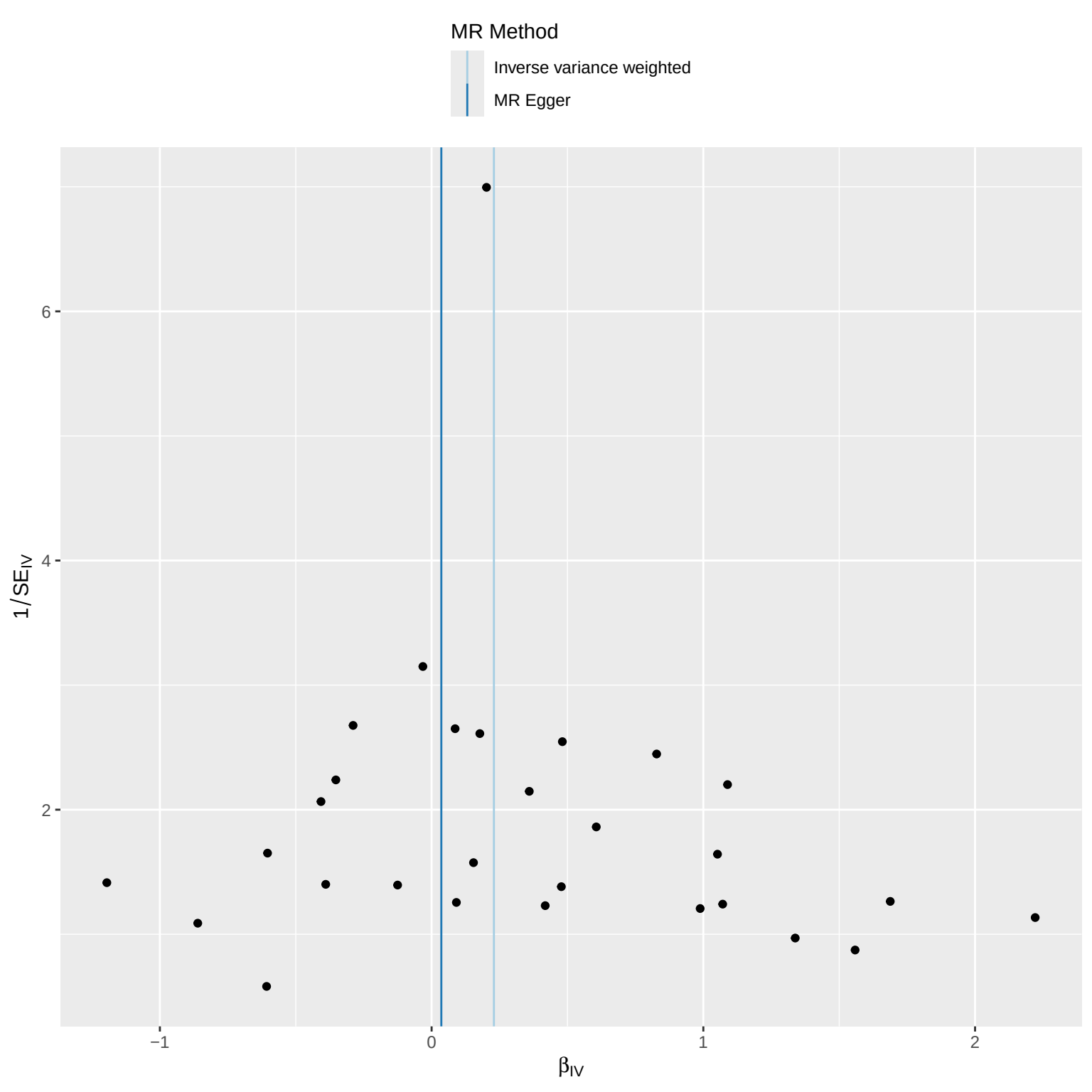

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

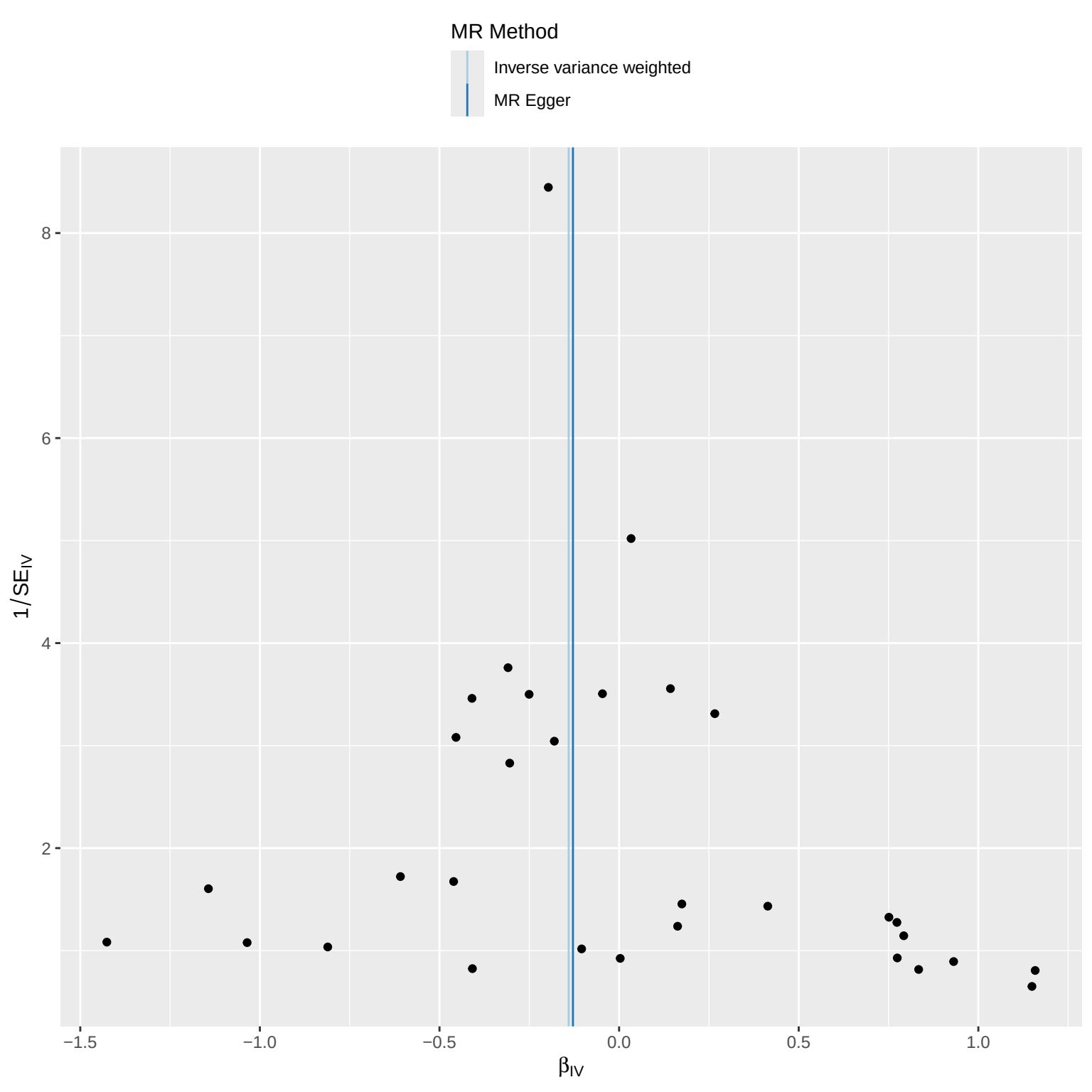

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

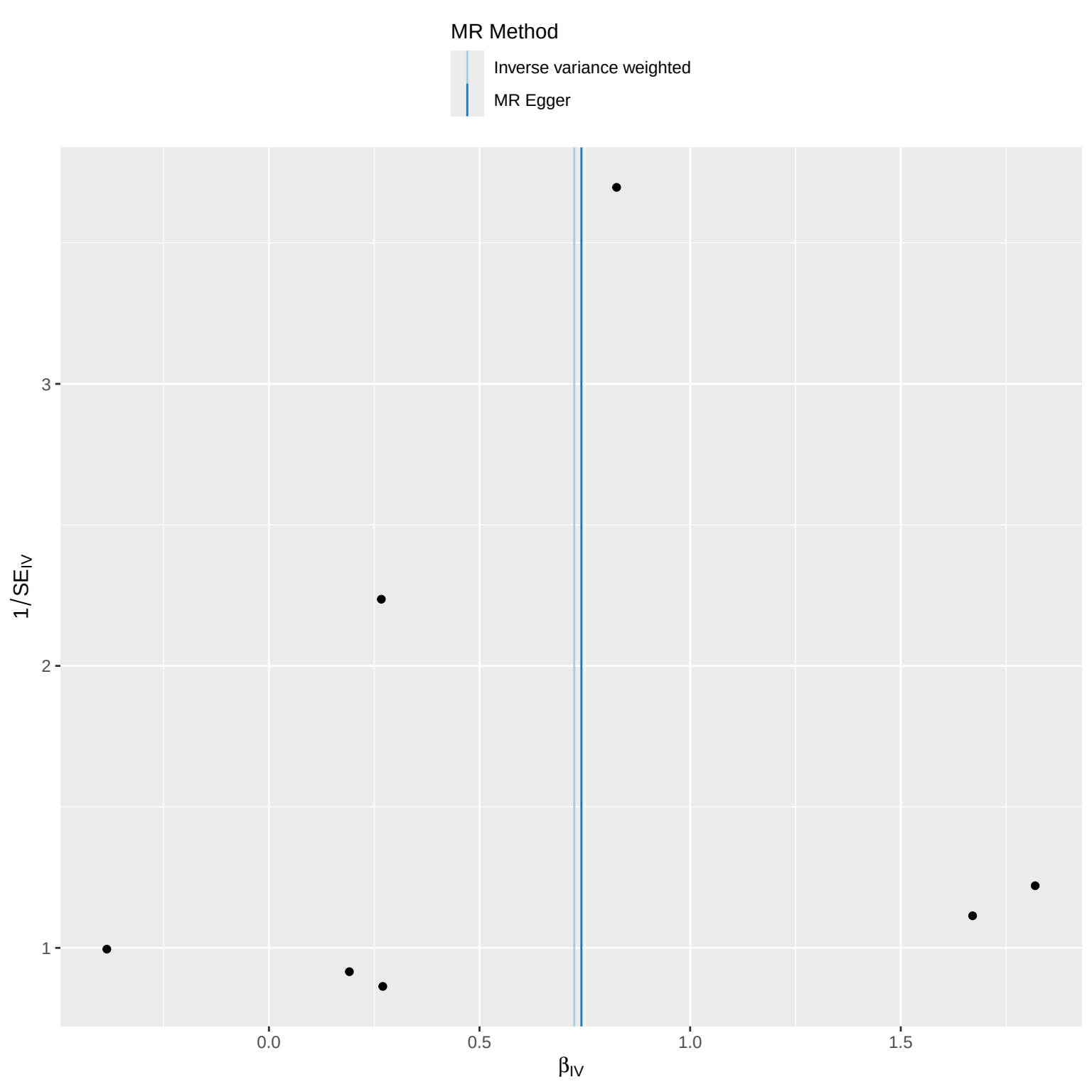

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

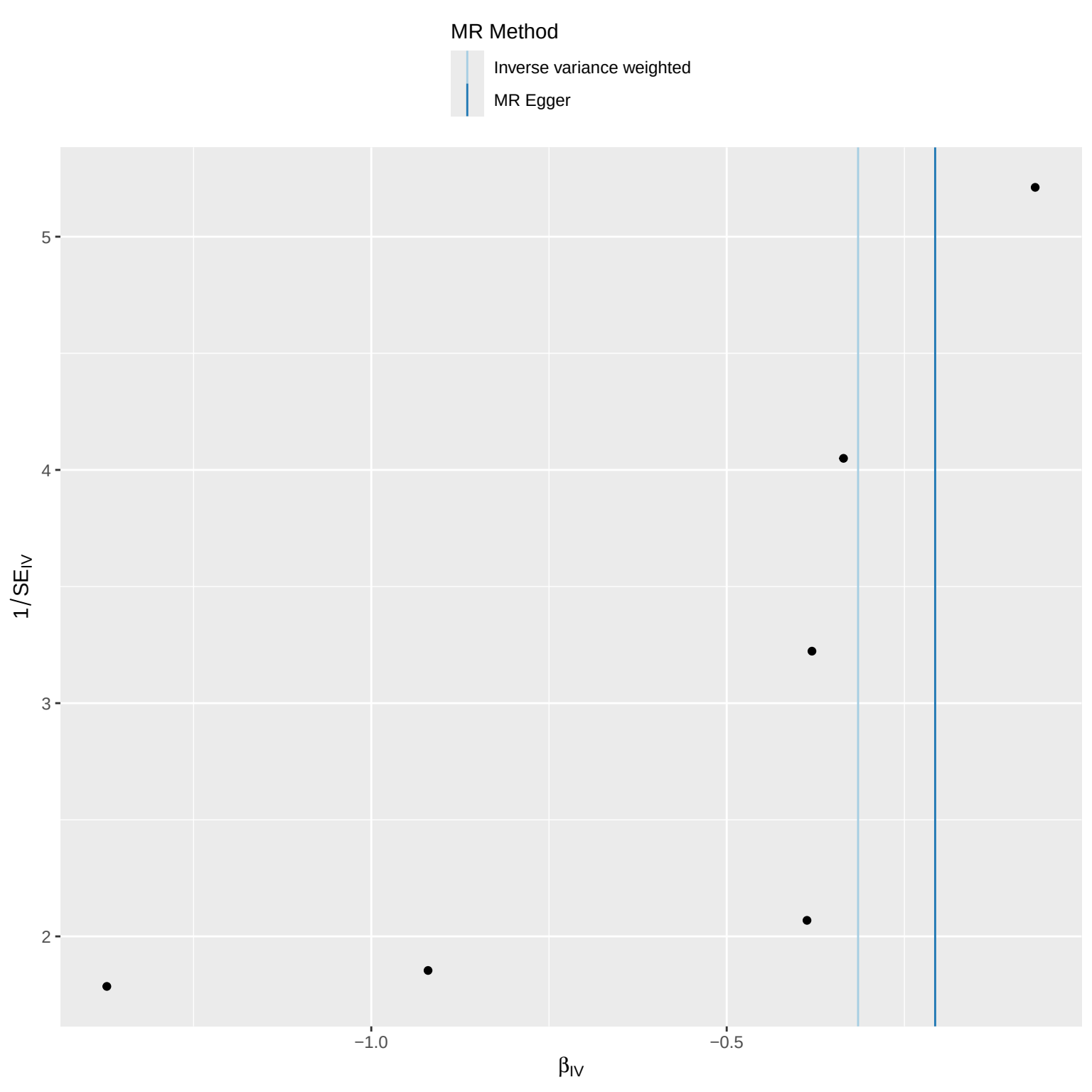

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

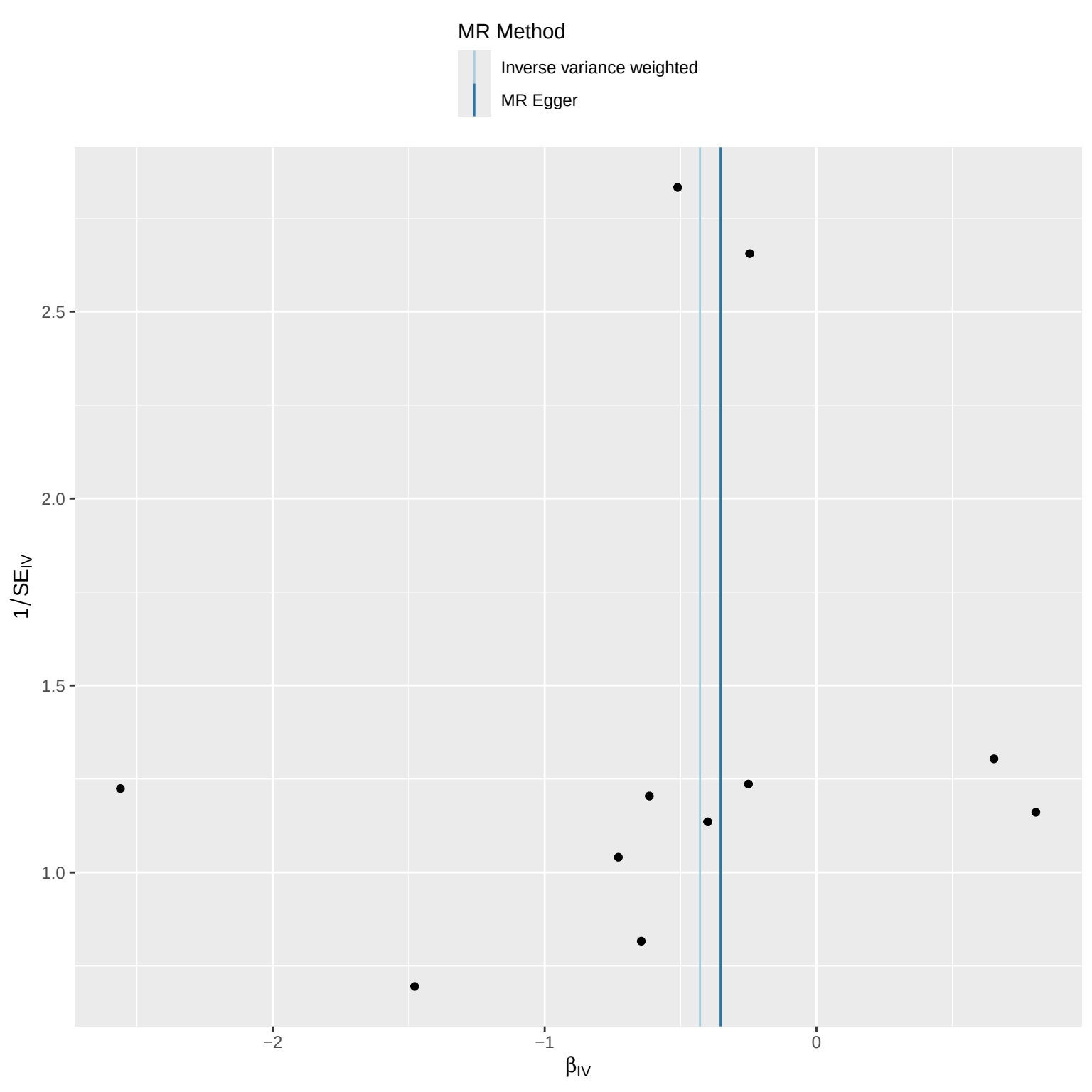

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

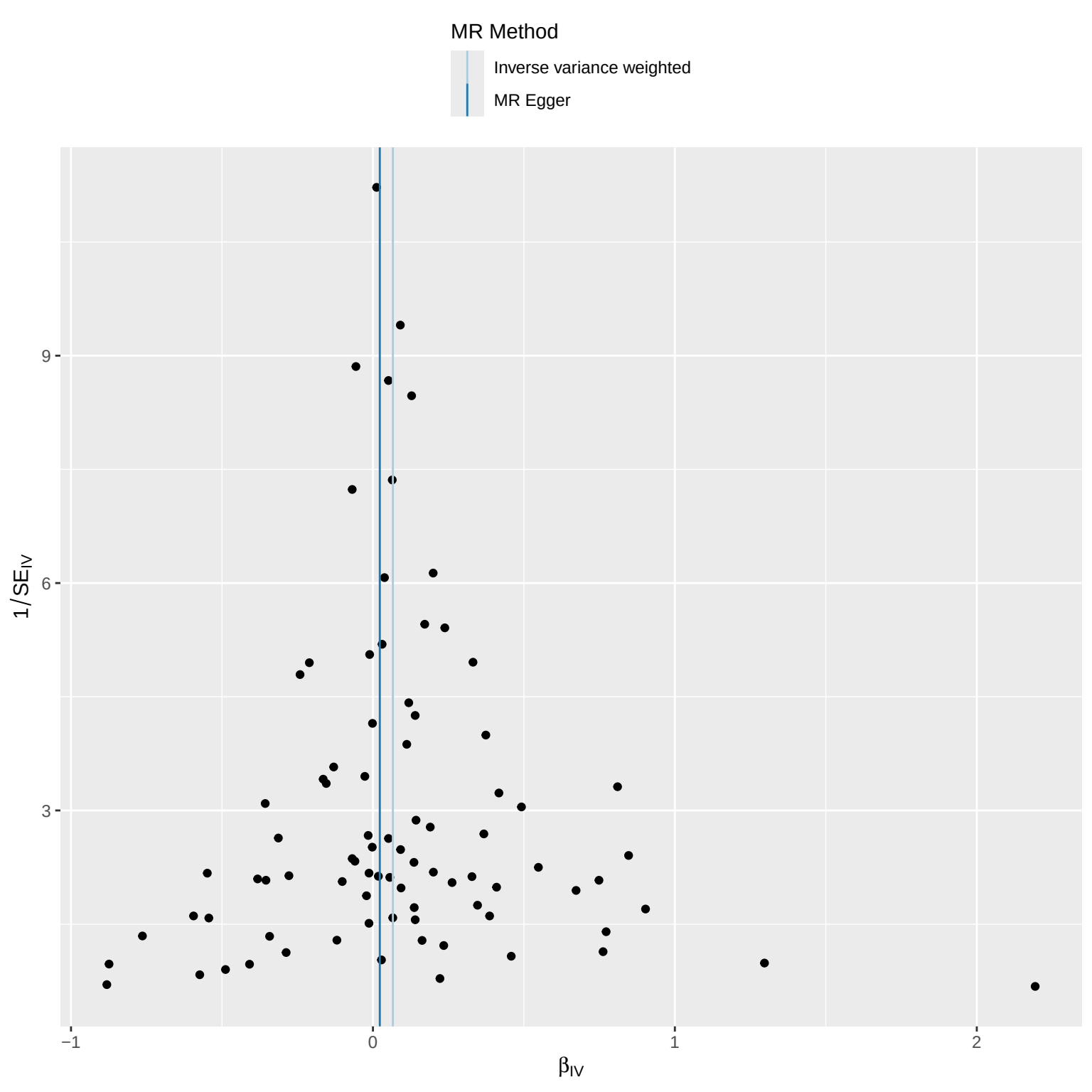

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

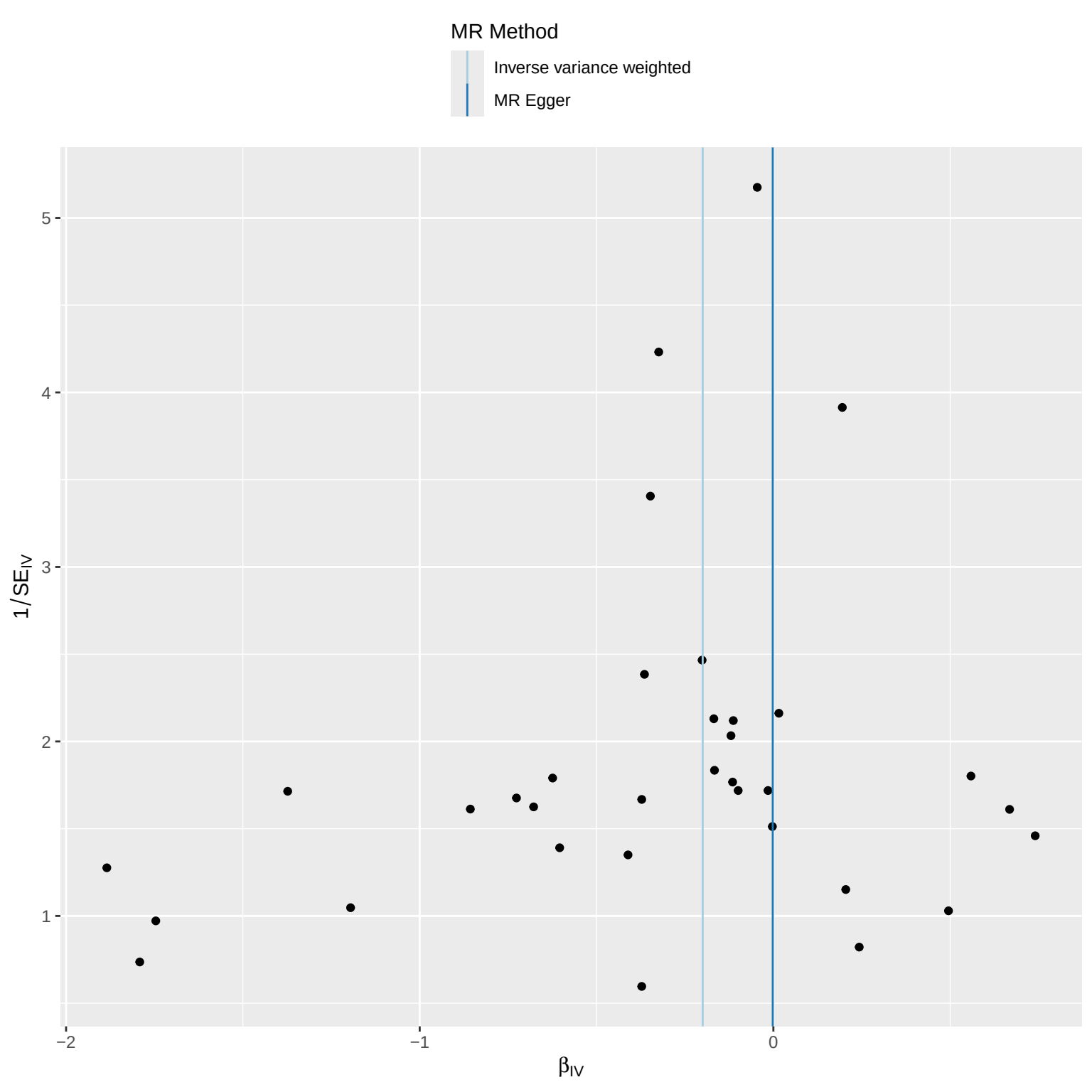

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

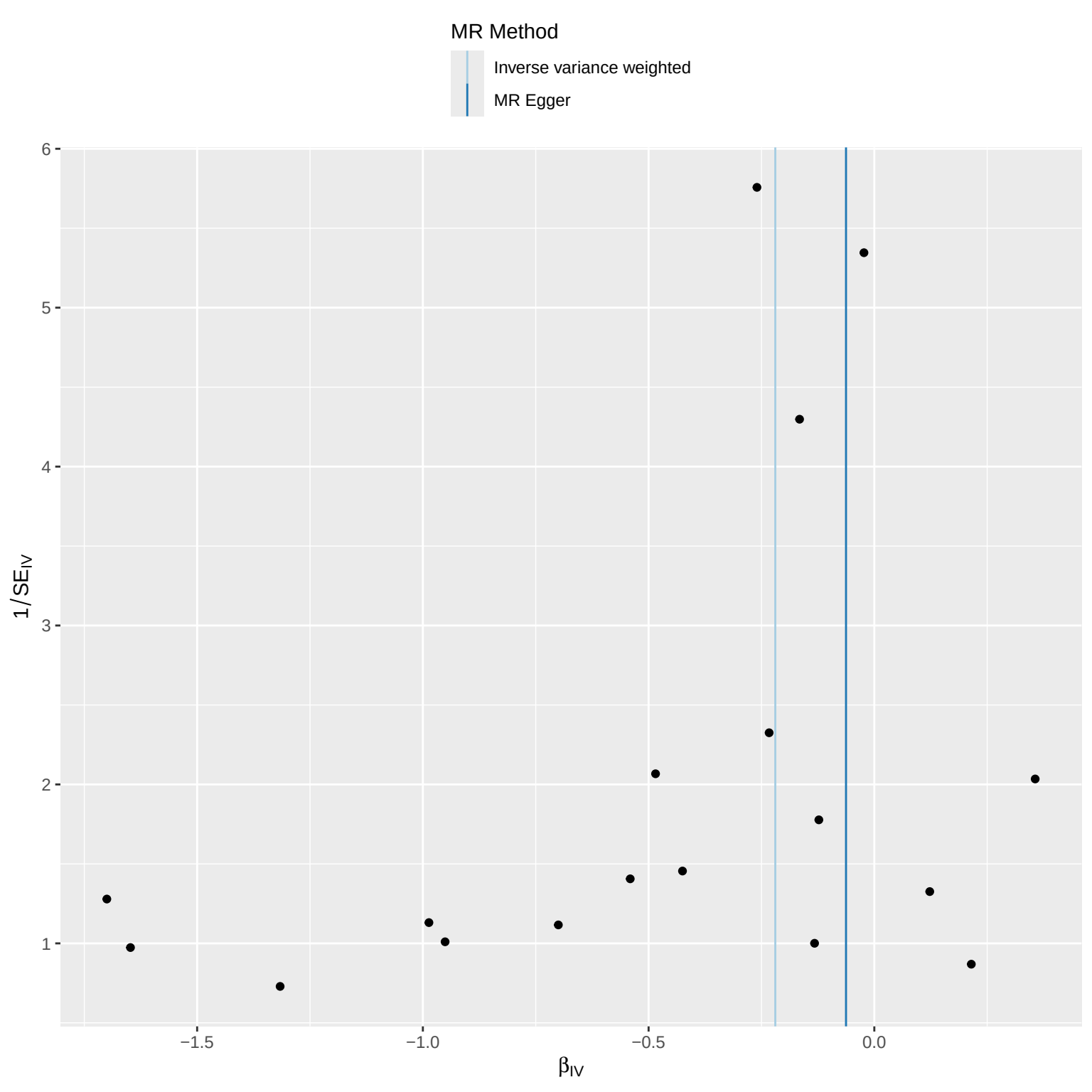

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

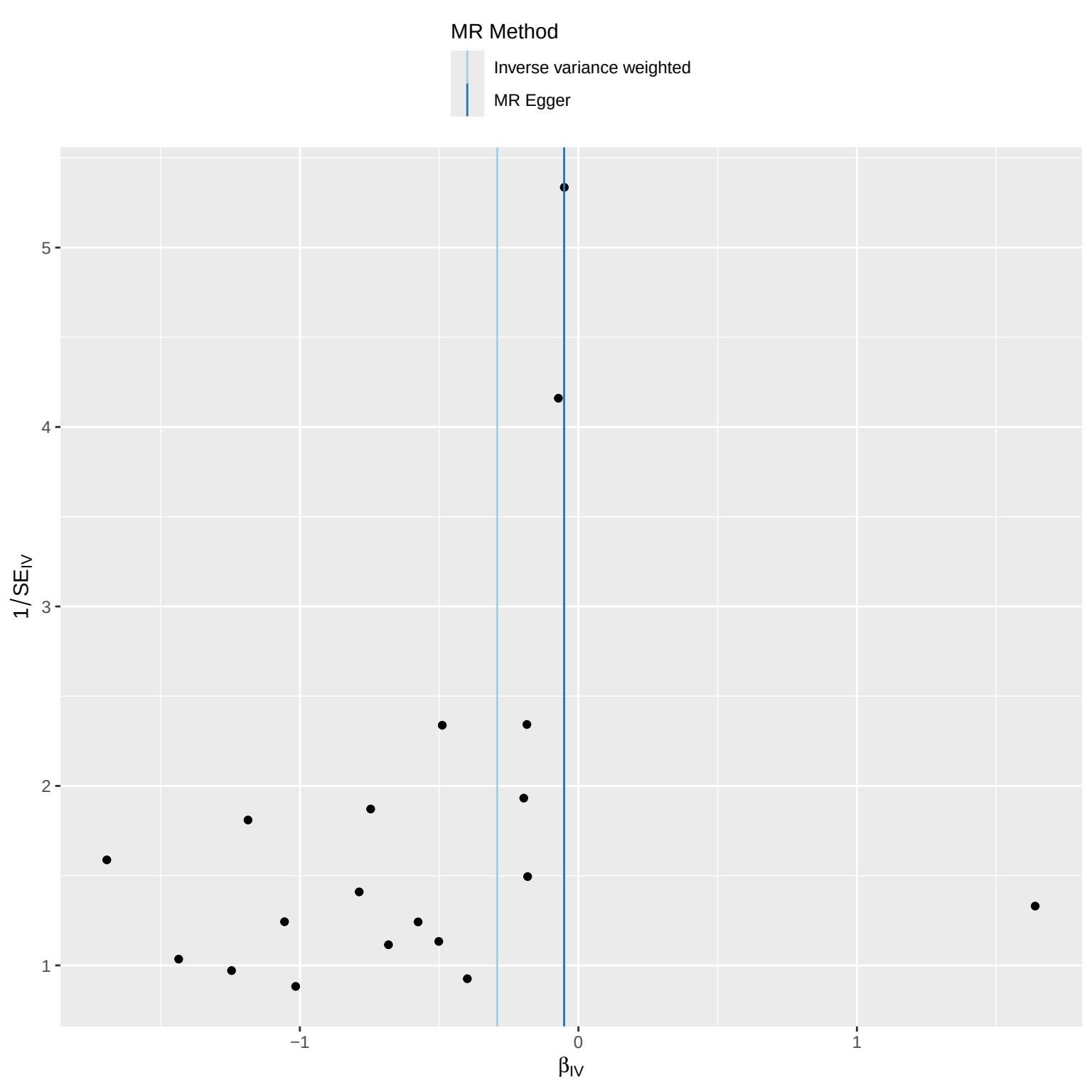

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.0
−0.5
β_IV

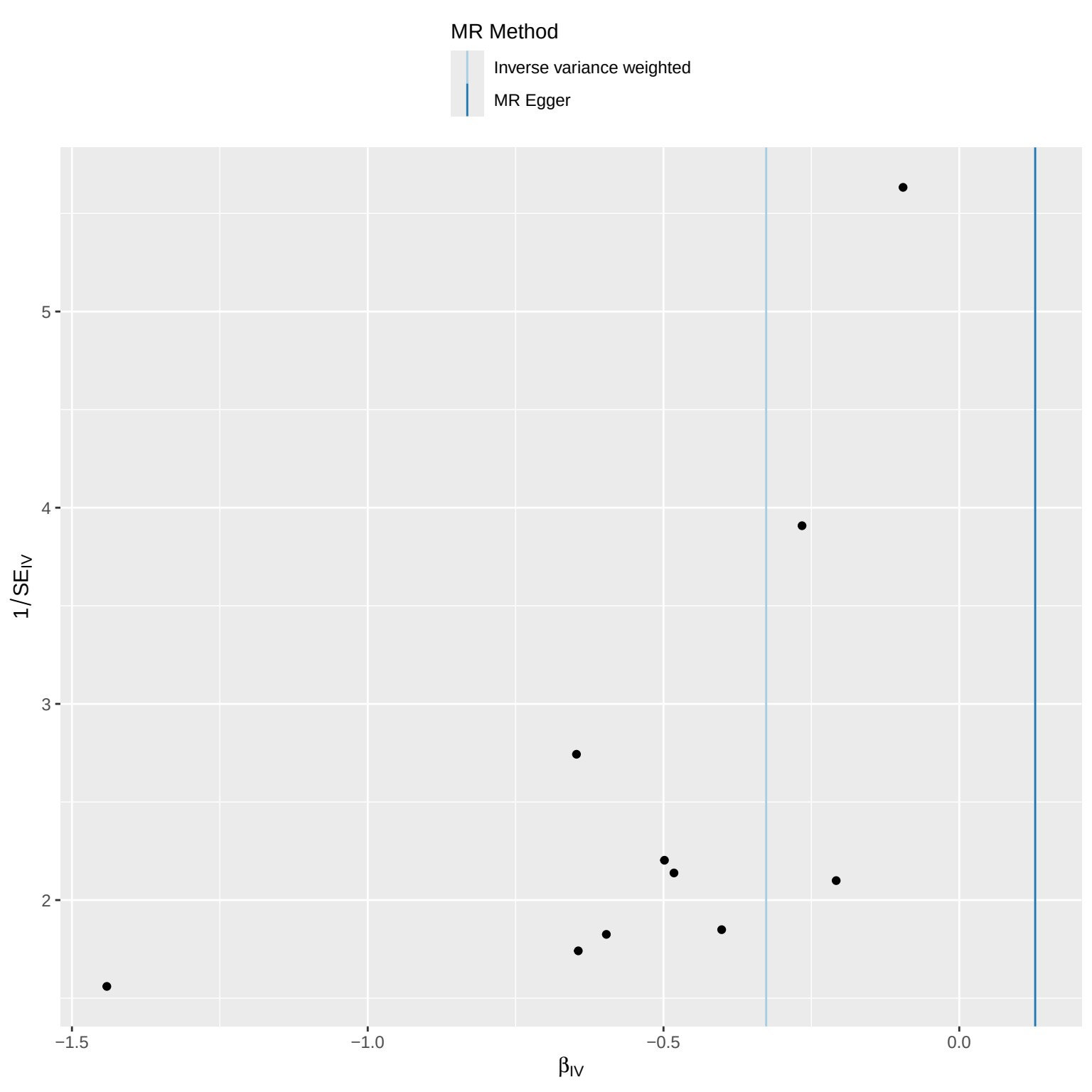

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

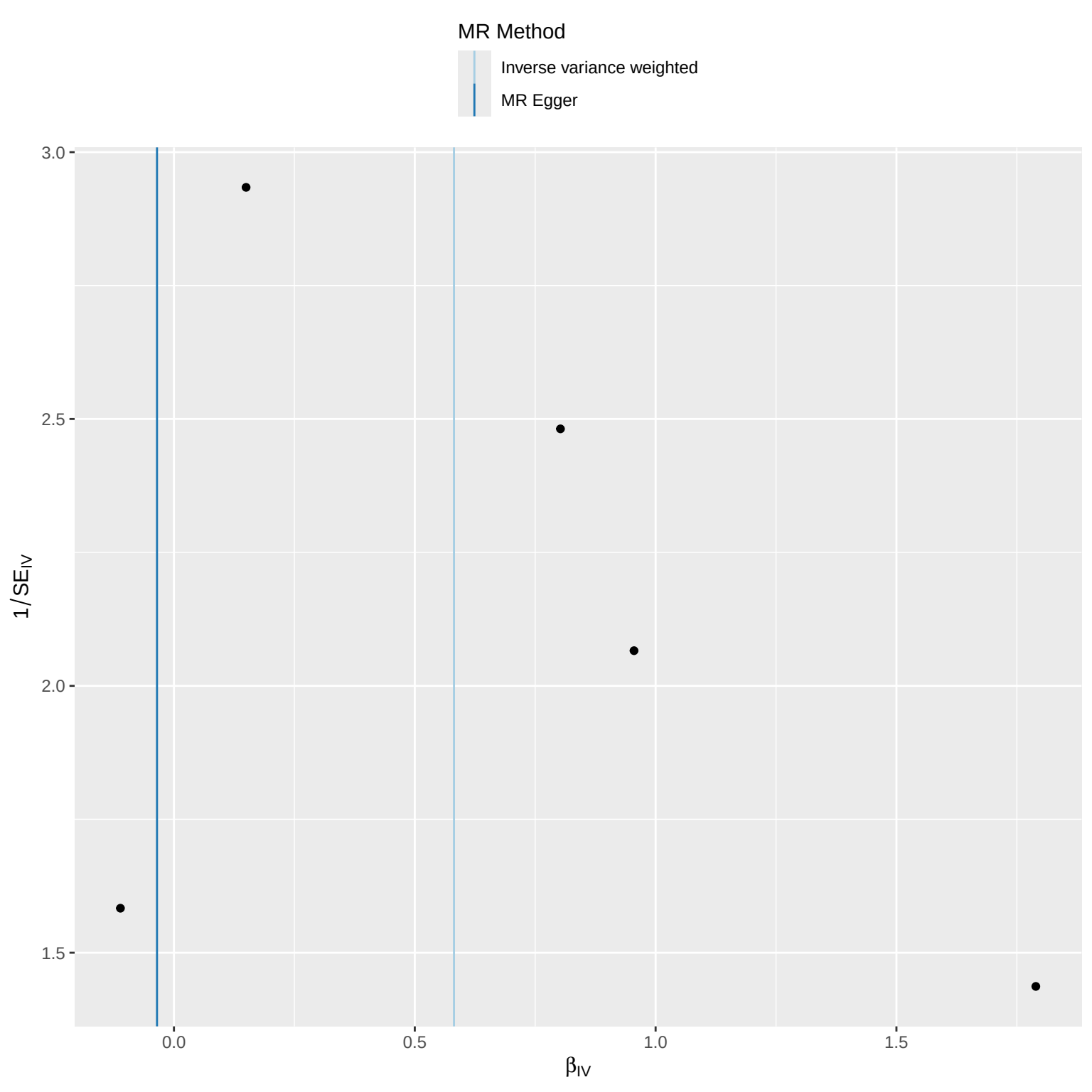

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1
0
1
2
β_IV

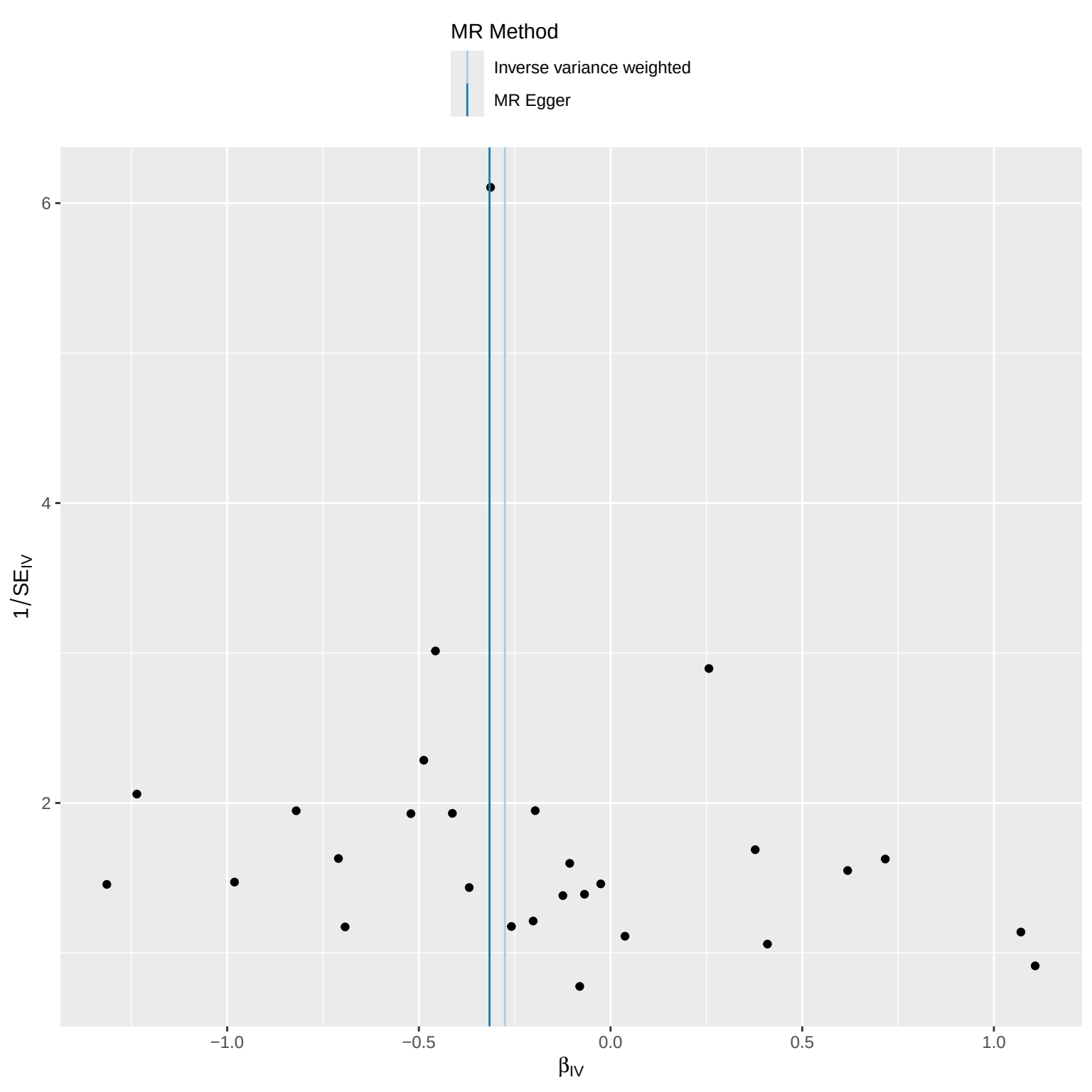

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0

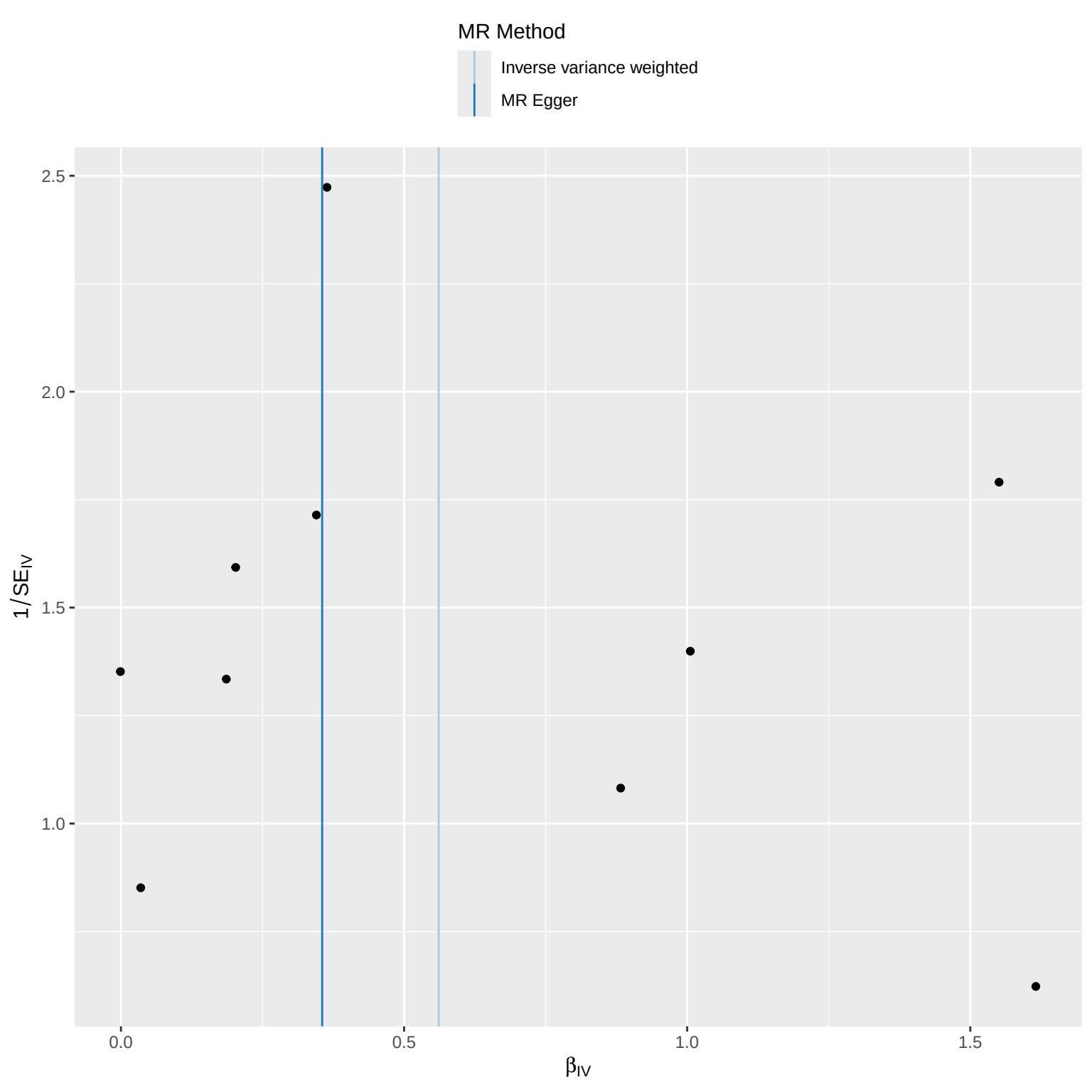

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

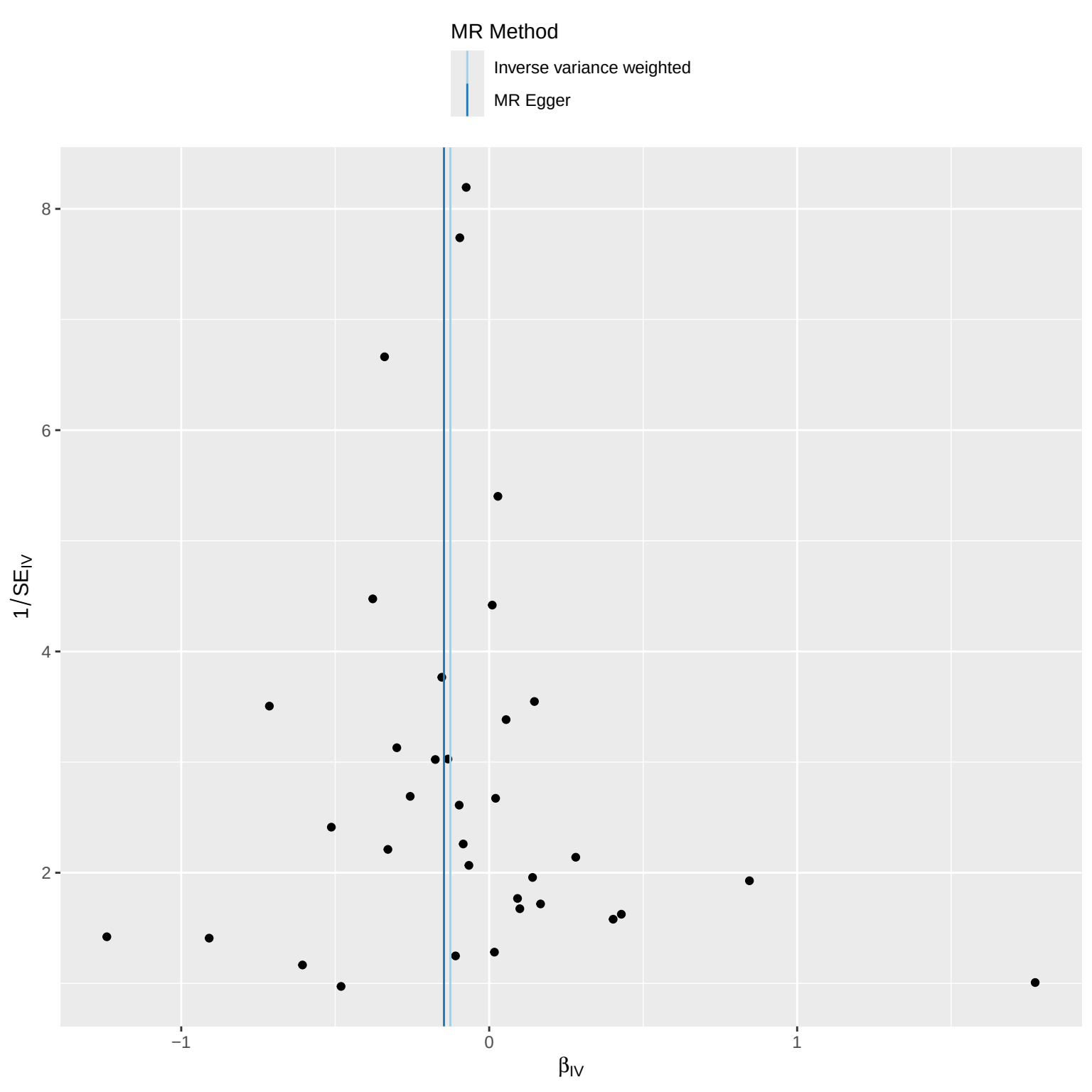

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

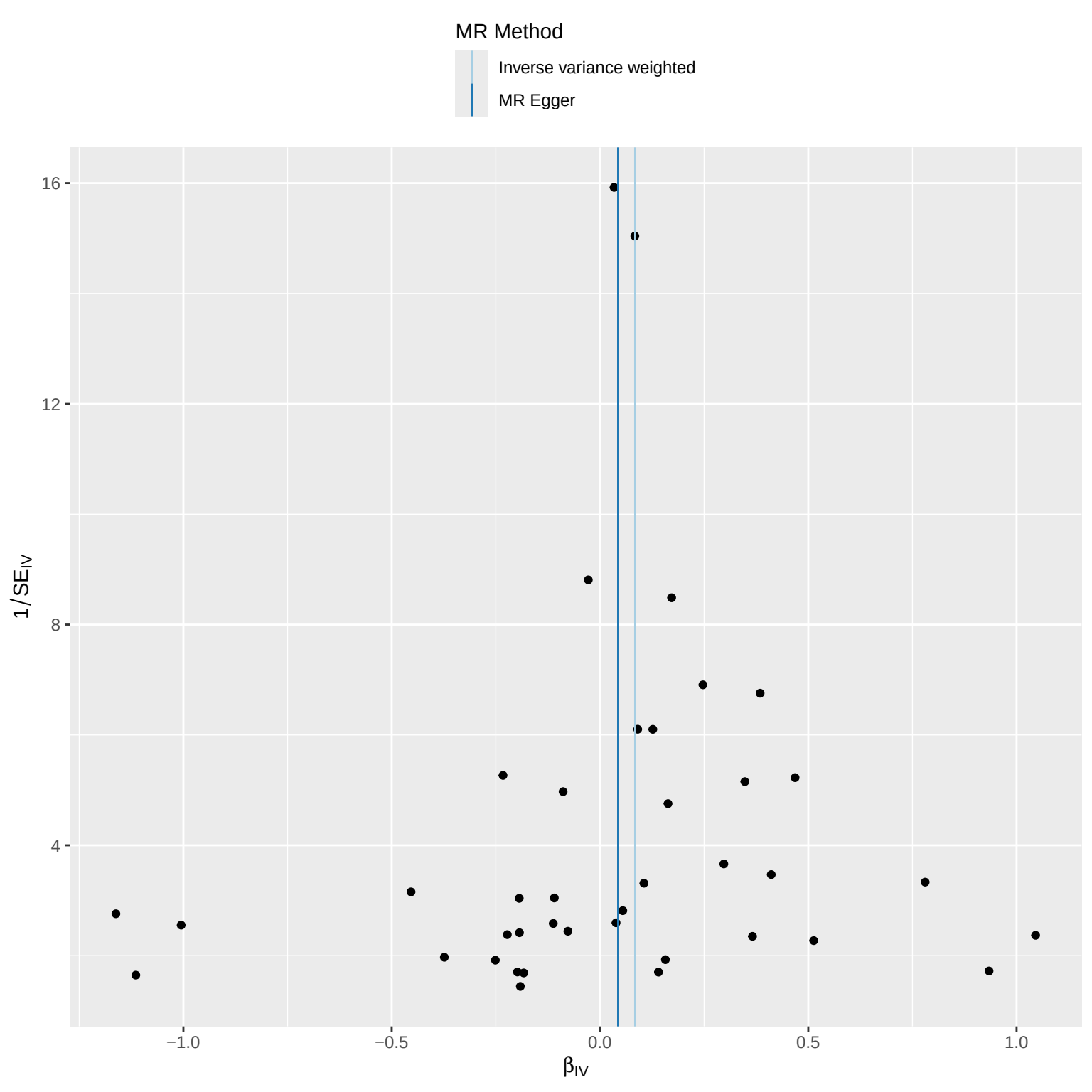

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

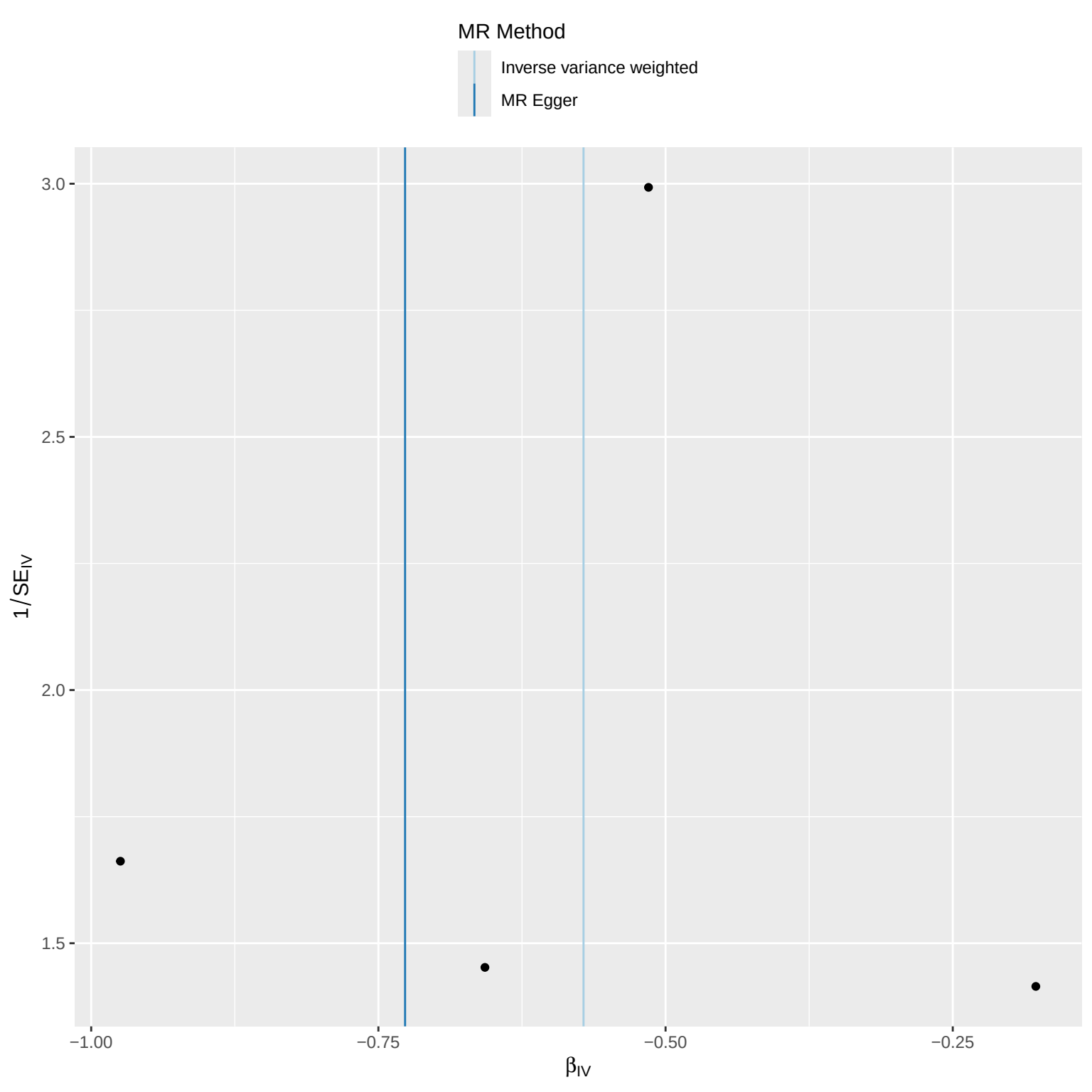

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

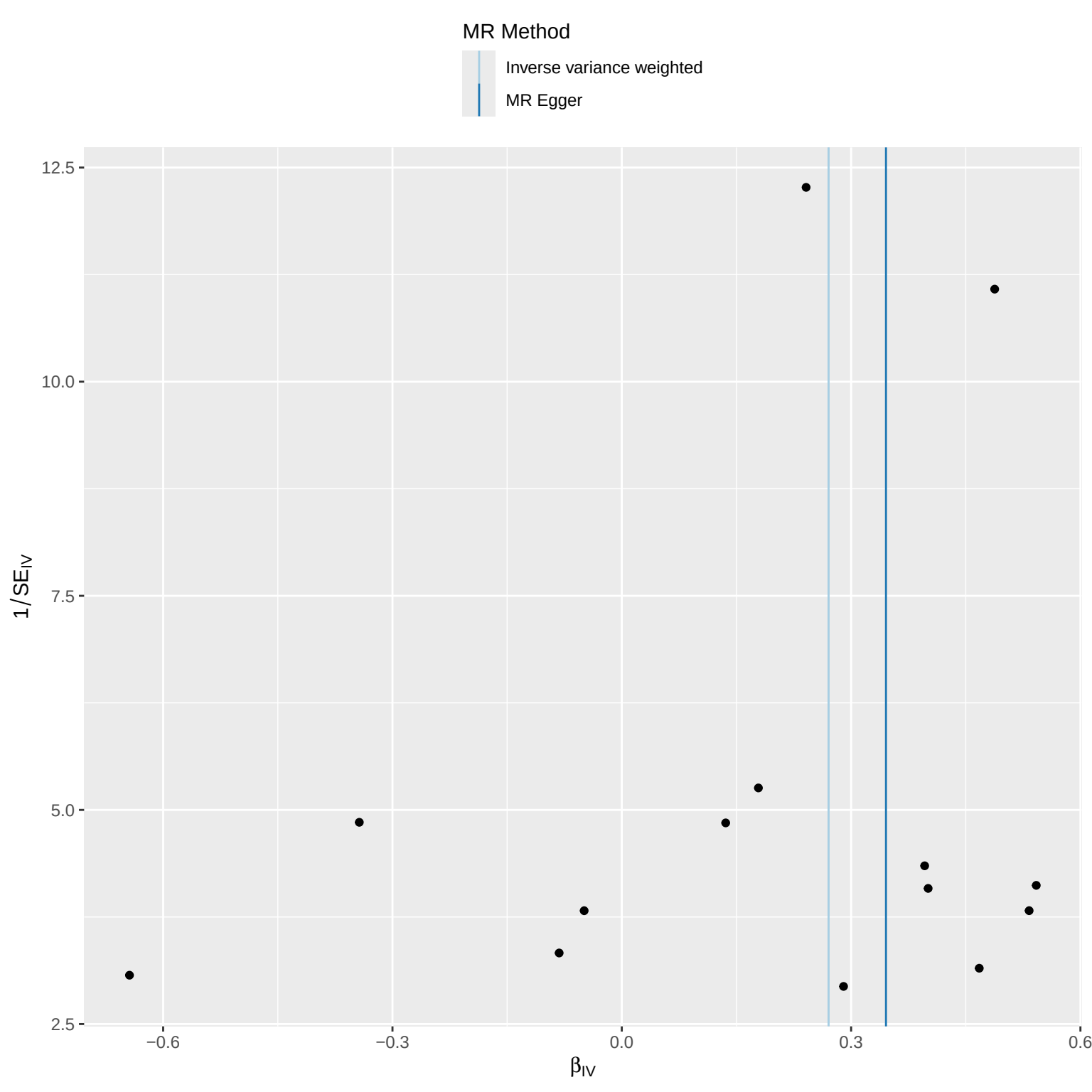

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

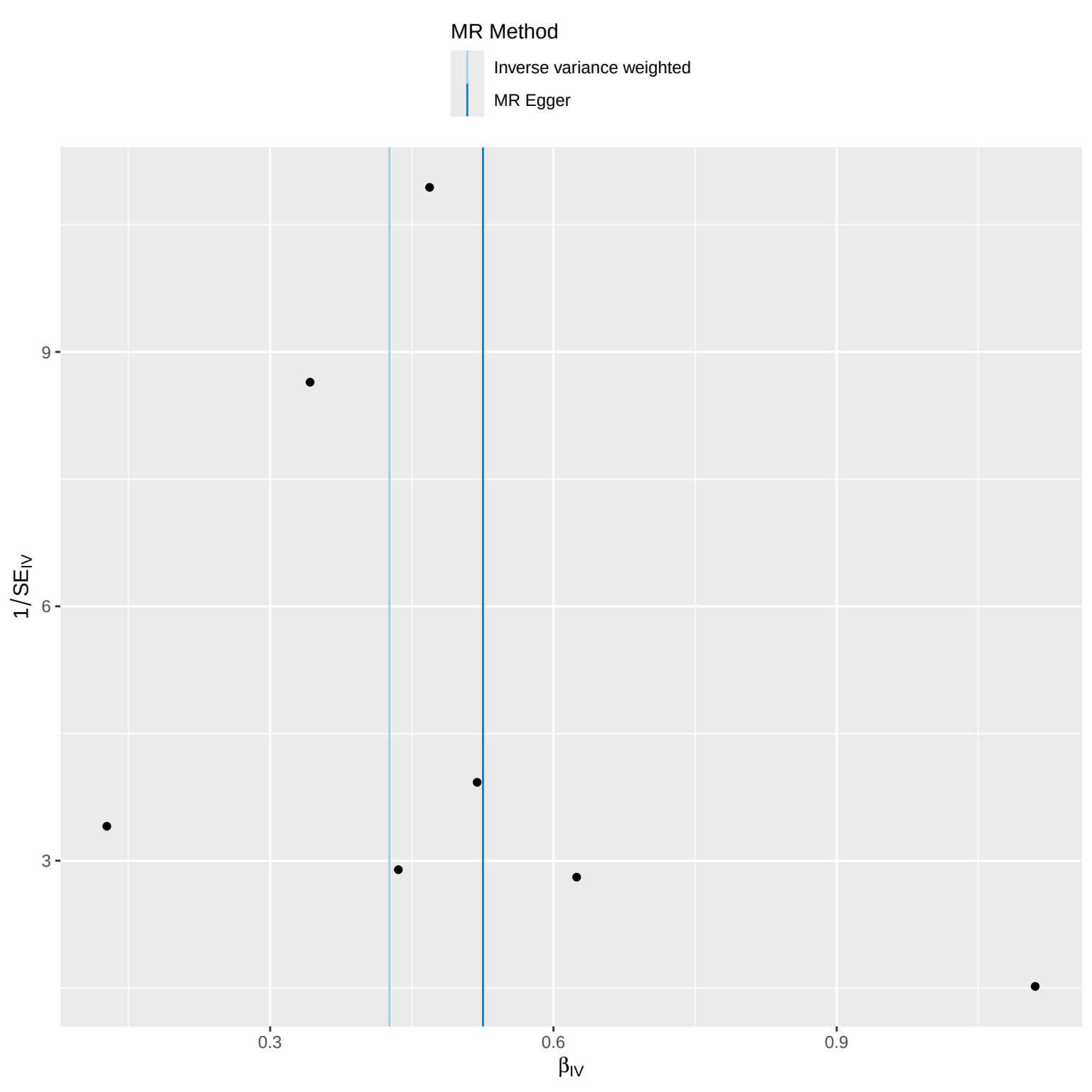

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

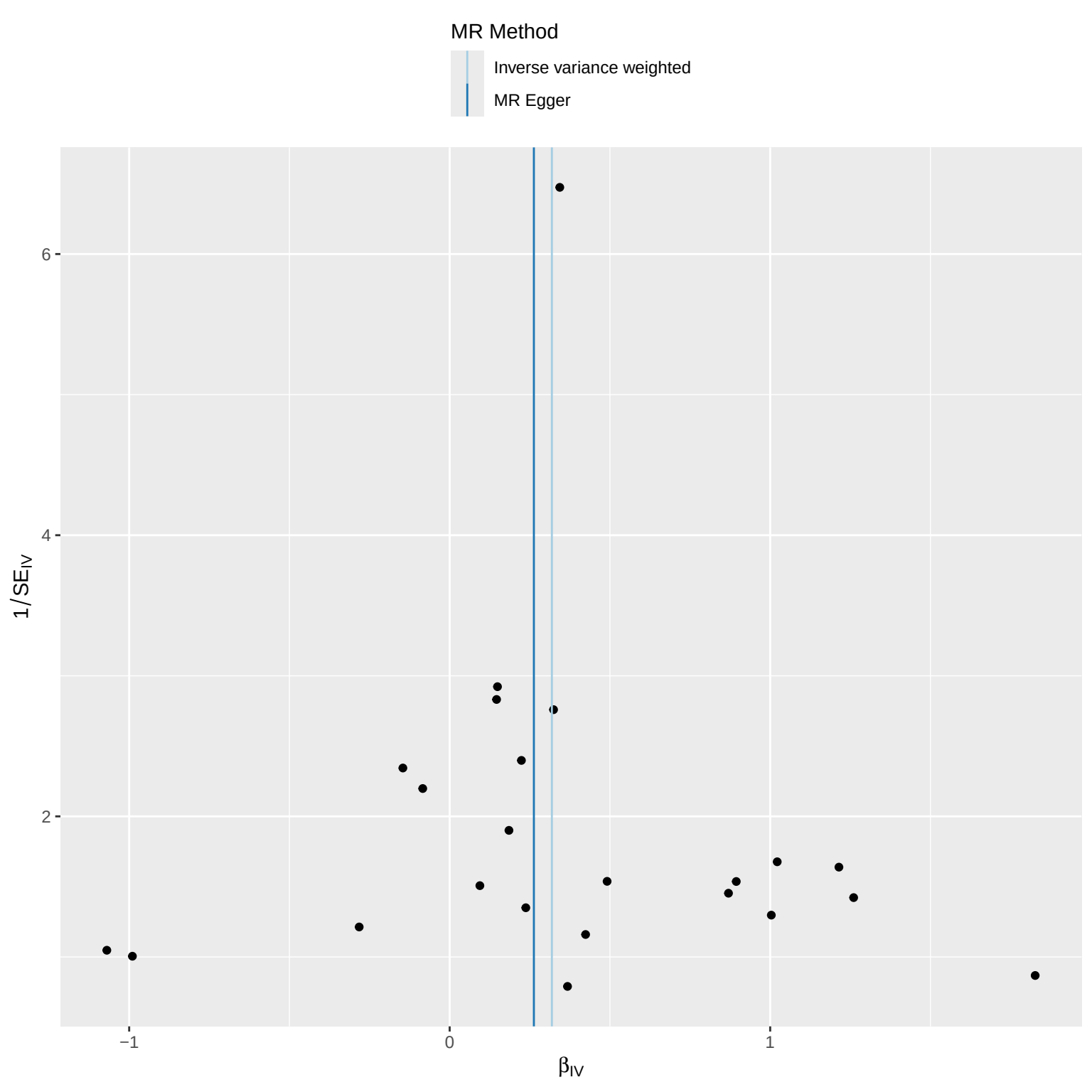

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

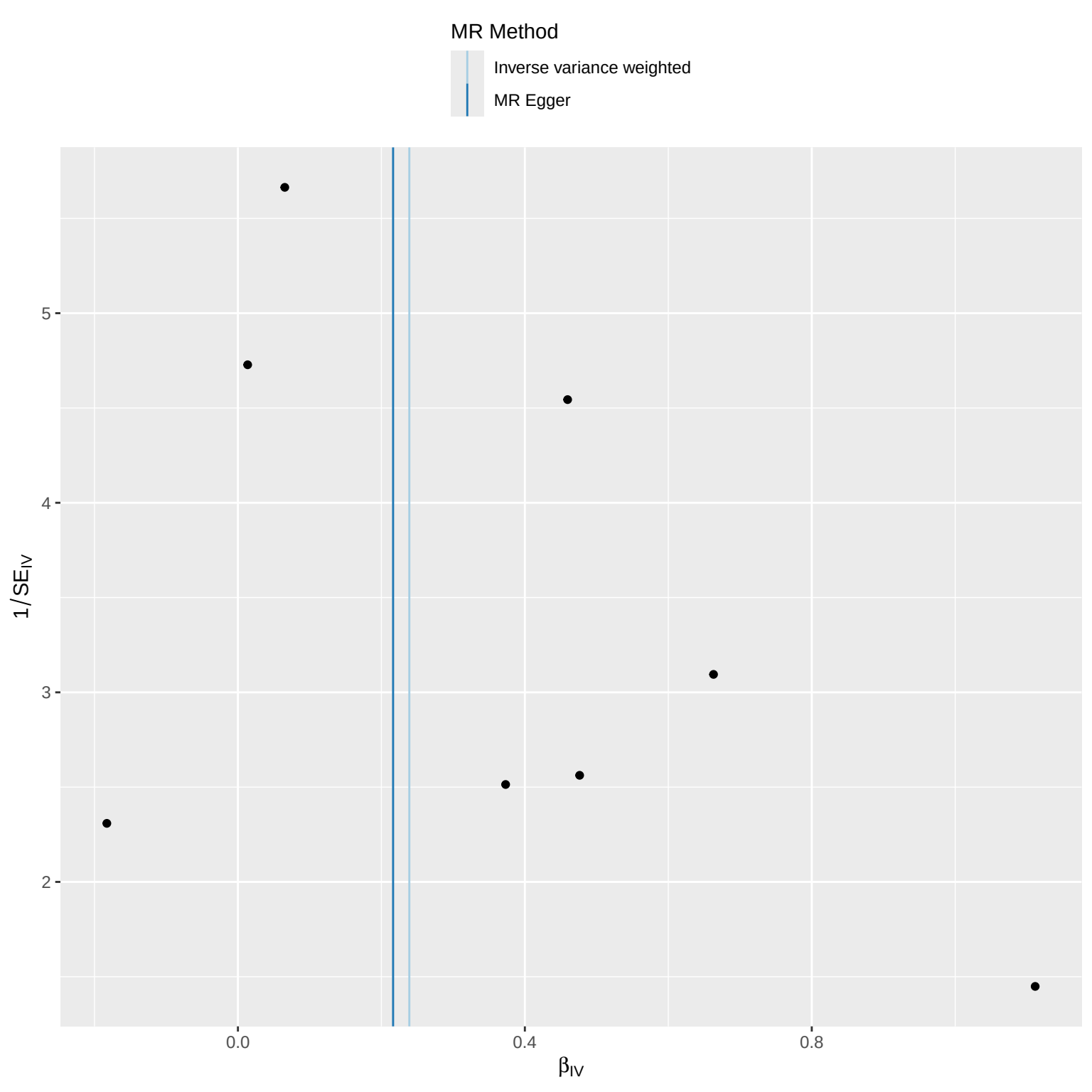

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

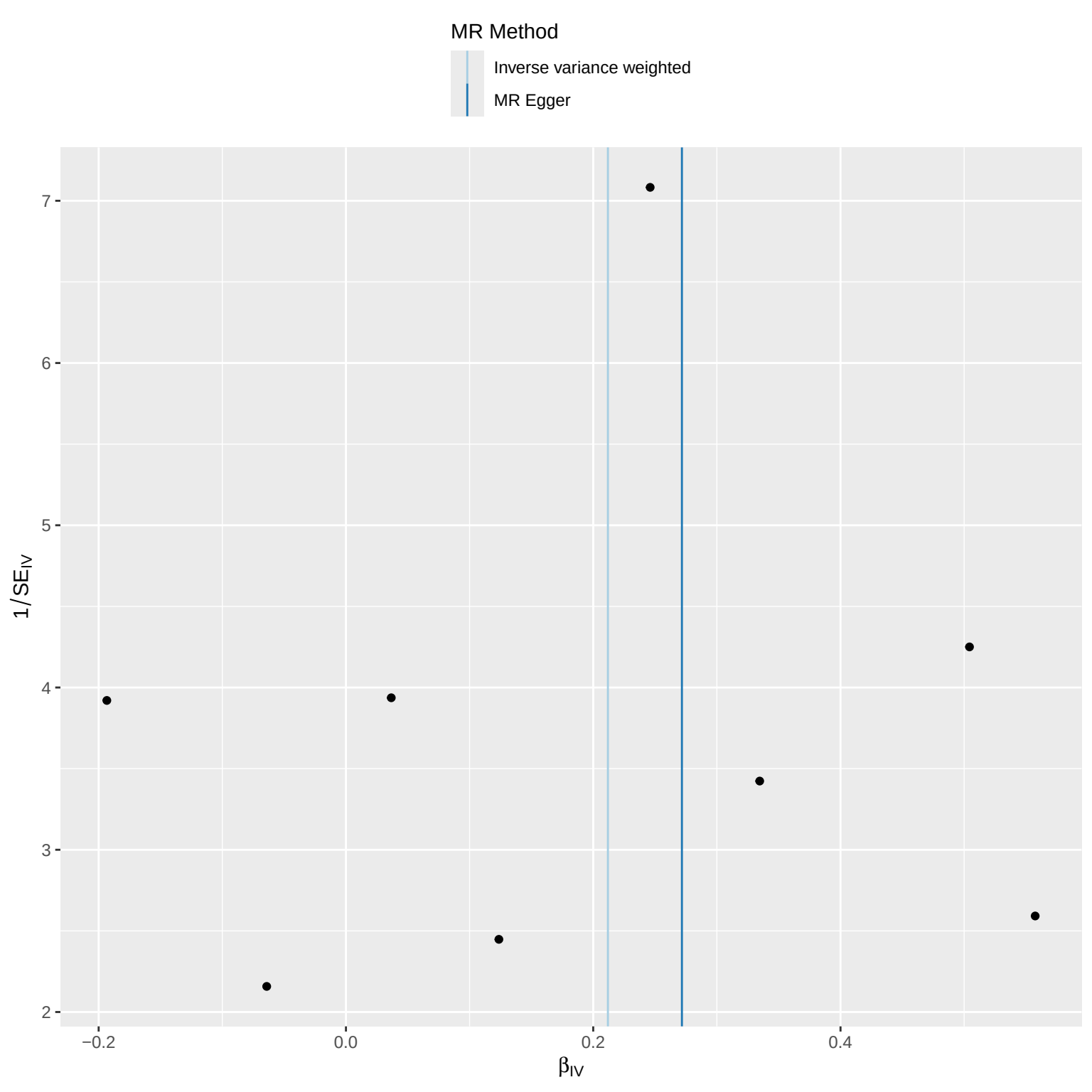

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.00
−0.75
−0.50
−0.25
β_IV

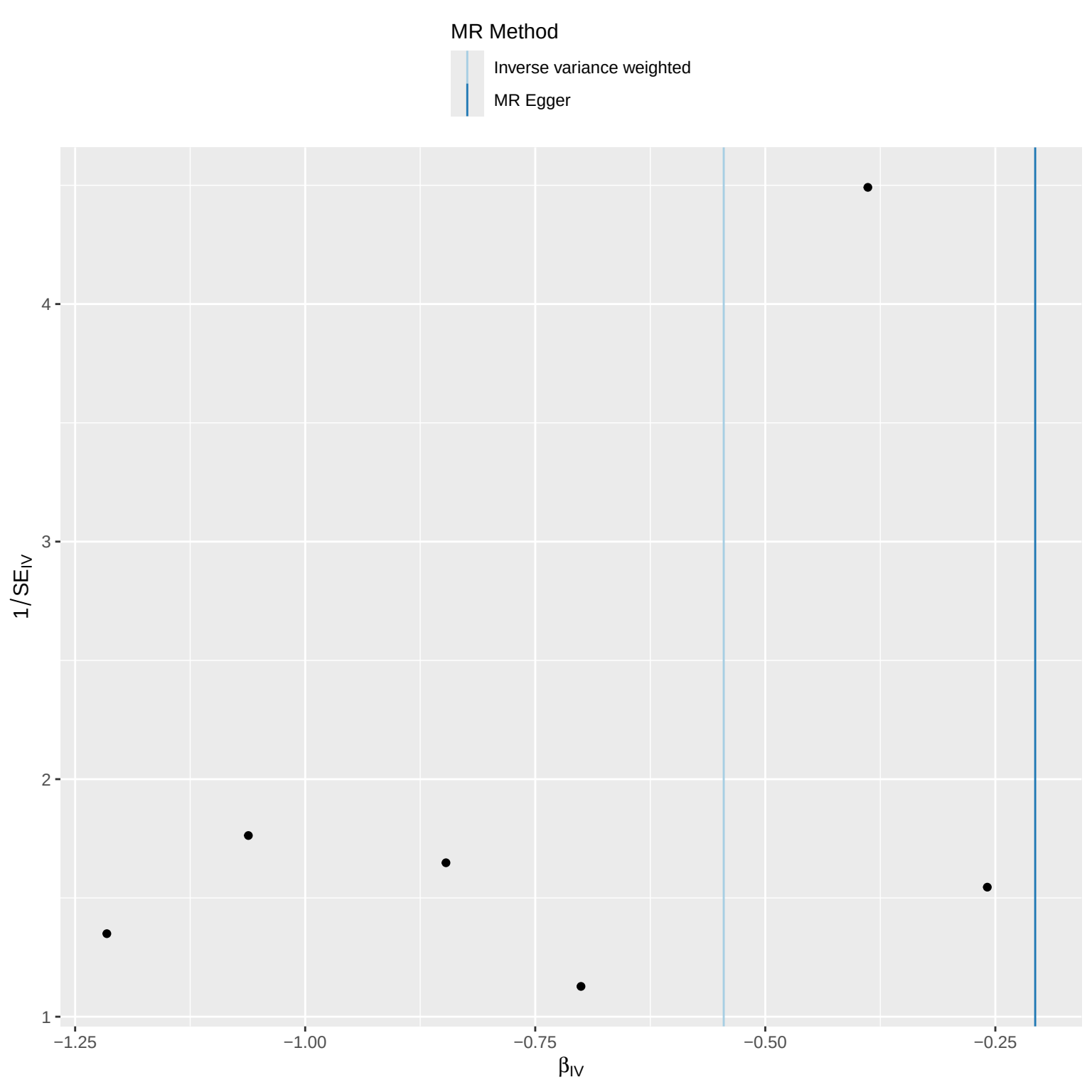

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.6
−0.3
0.0
0.3
0.6
β_IV

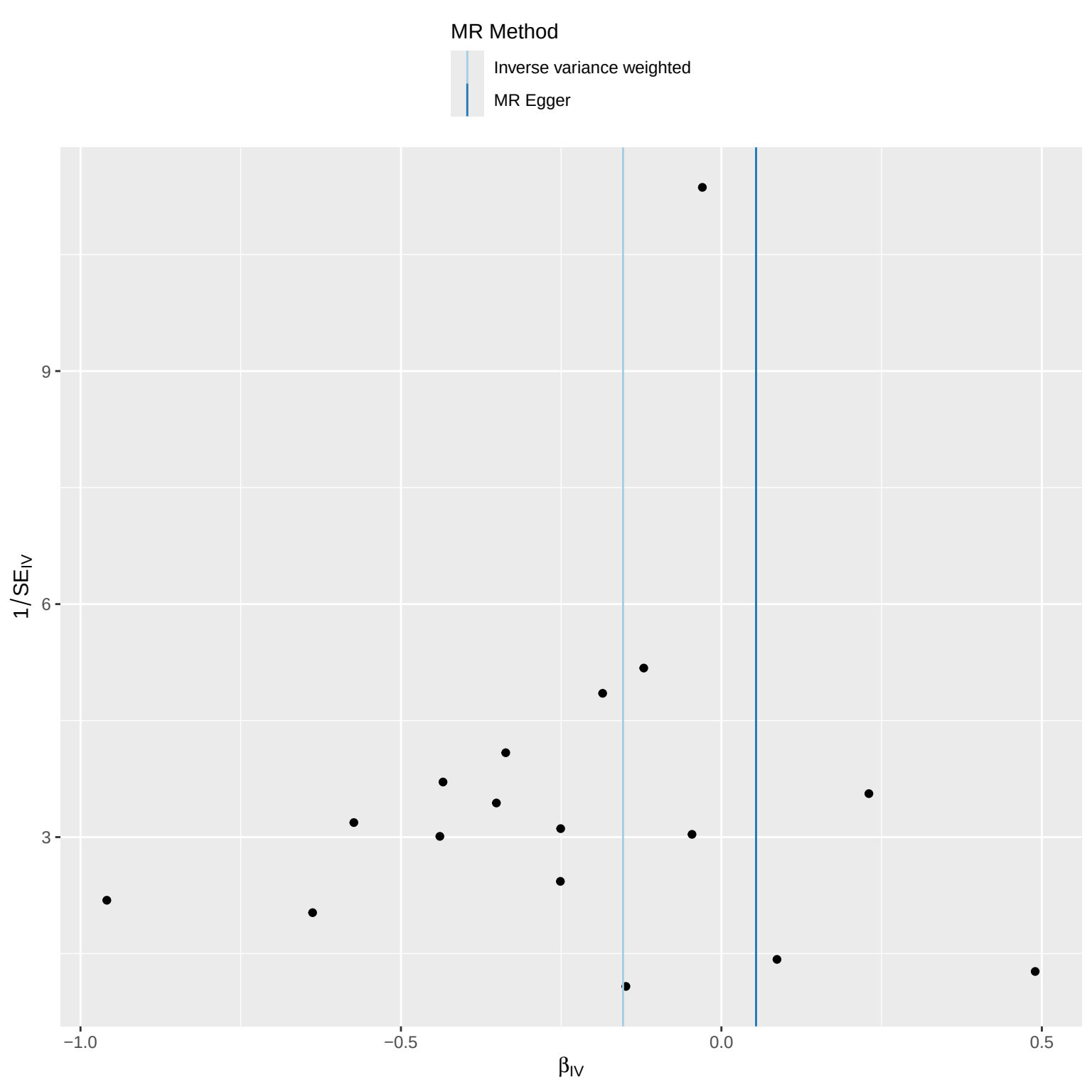

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
0.3
0.6
0.9
β_IV

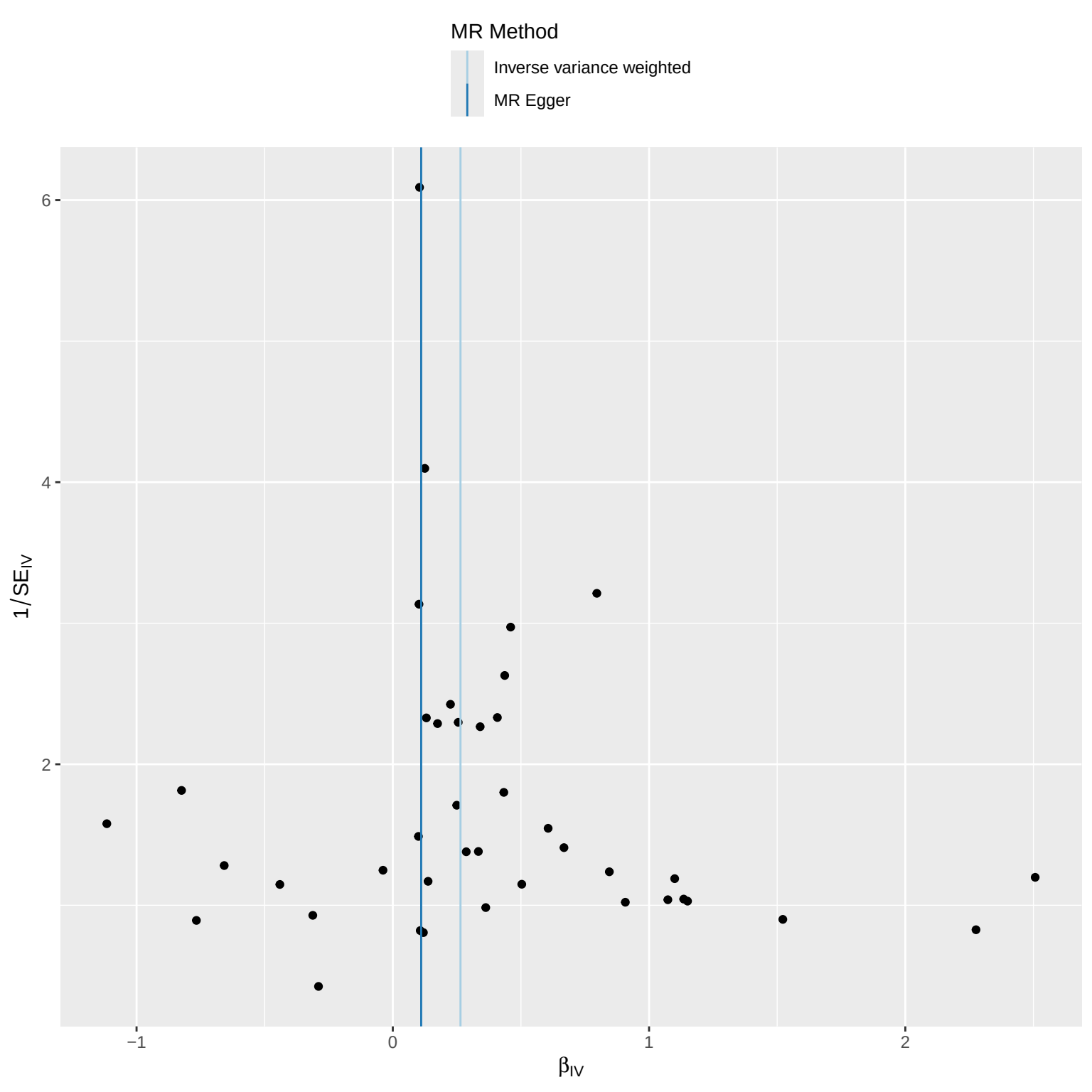

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

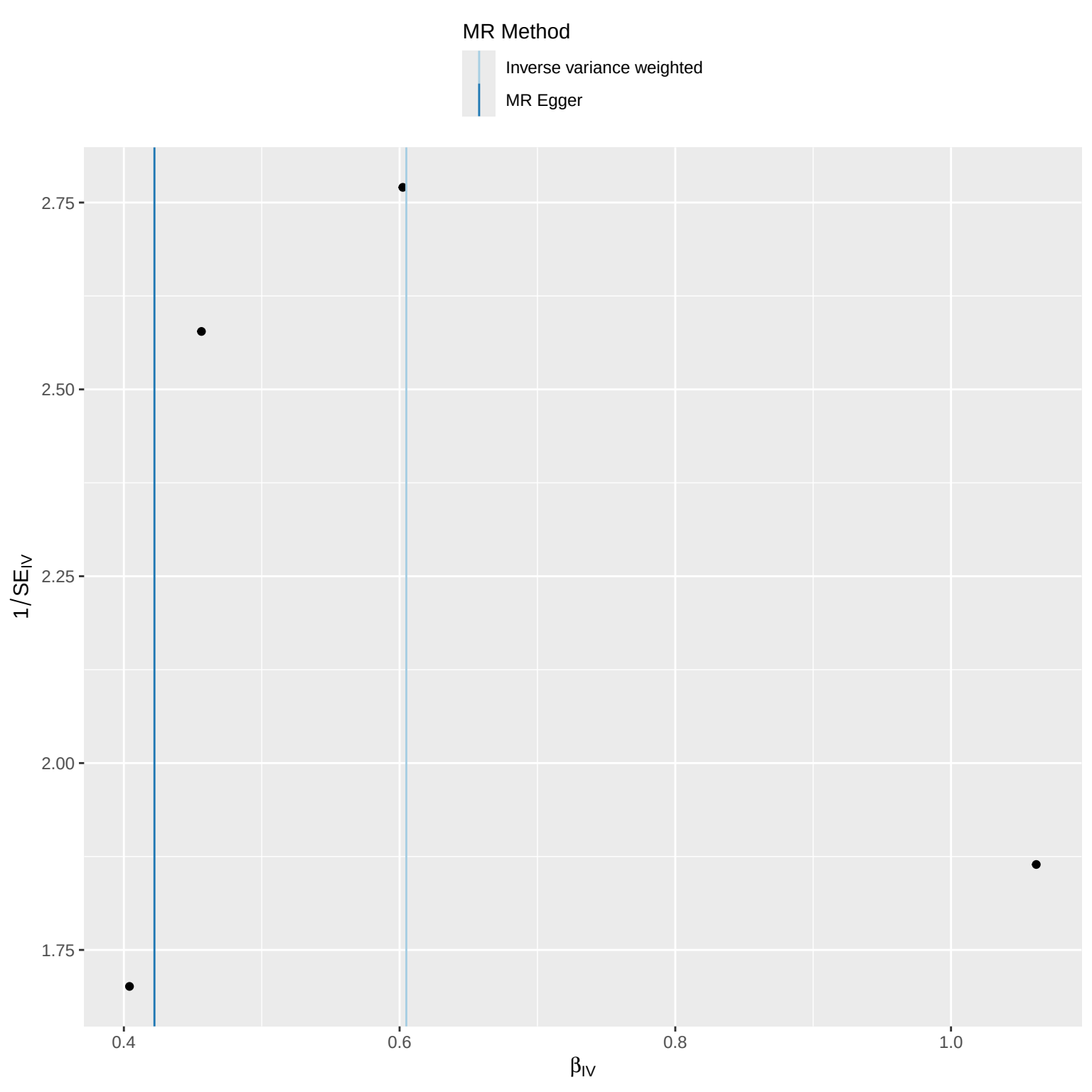

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.0
0.4
0.8
β_IV

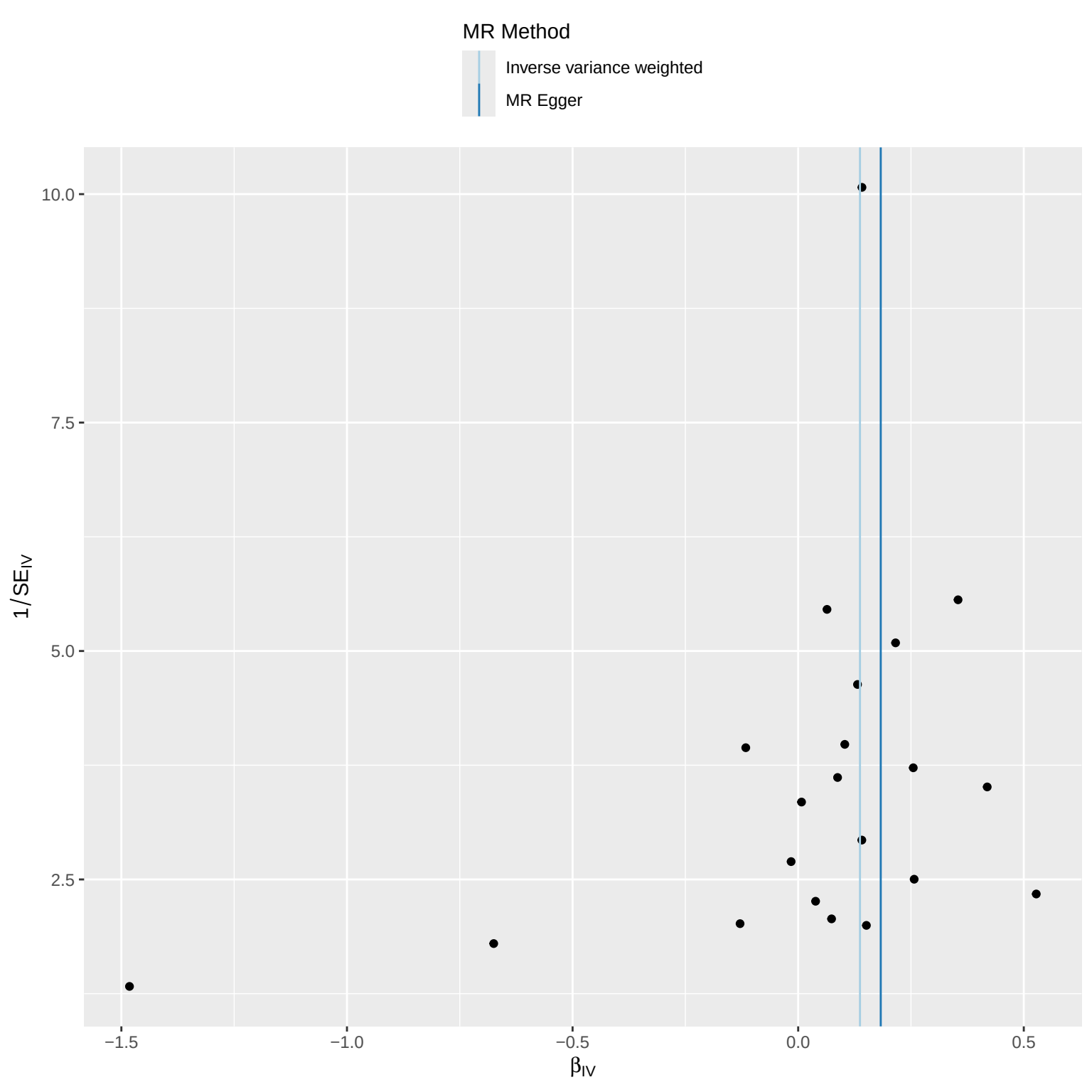

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−0.2
0.0
0.2
0.4
β_IV

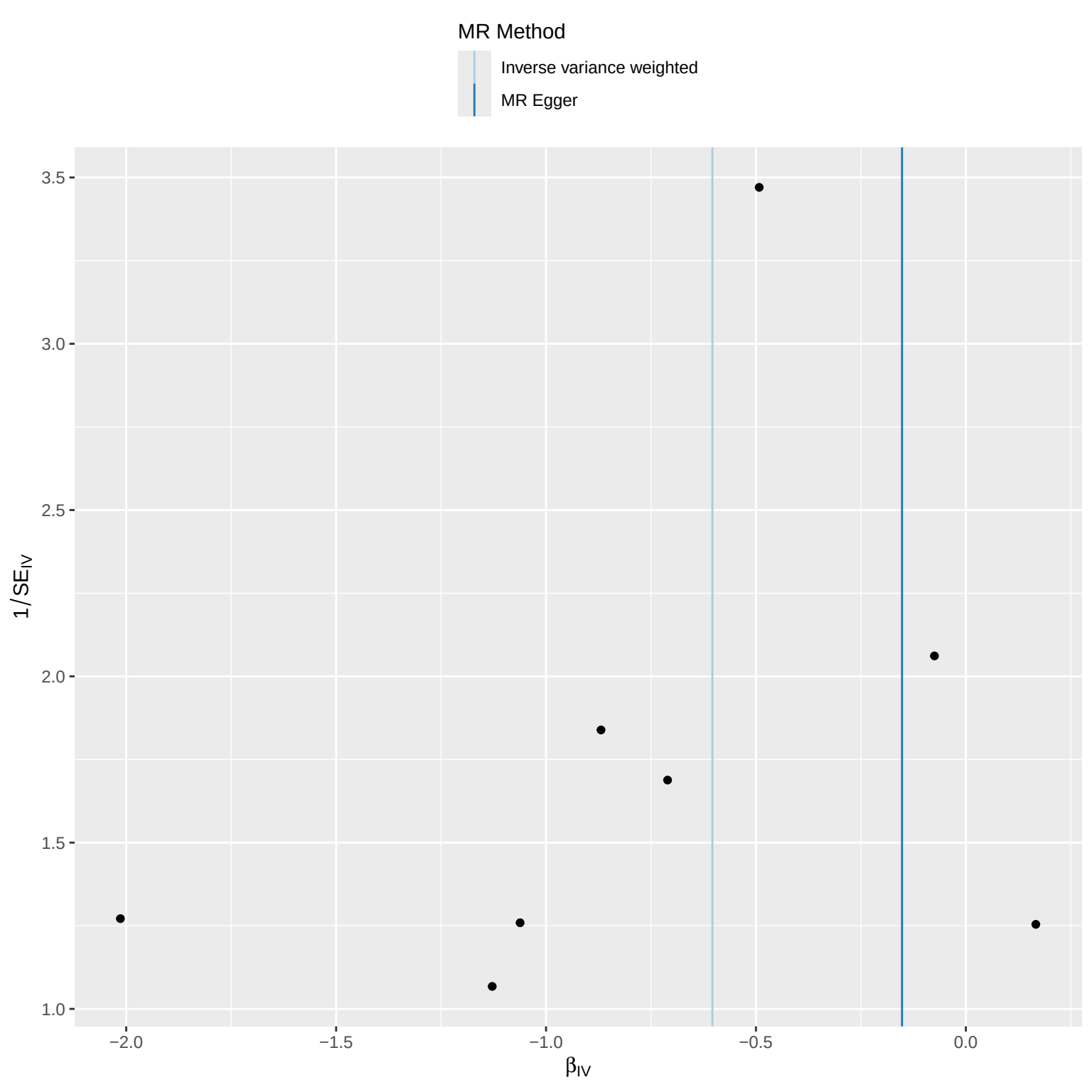

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.25
−1.00
−0.75
−0.50
−0.25
β_IV

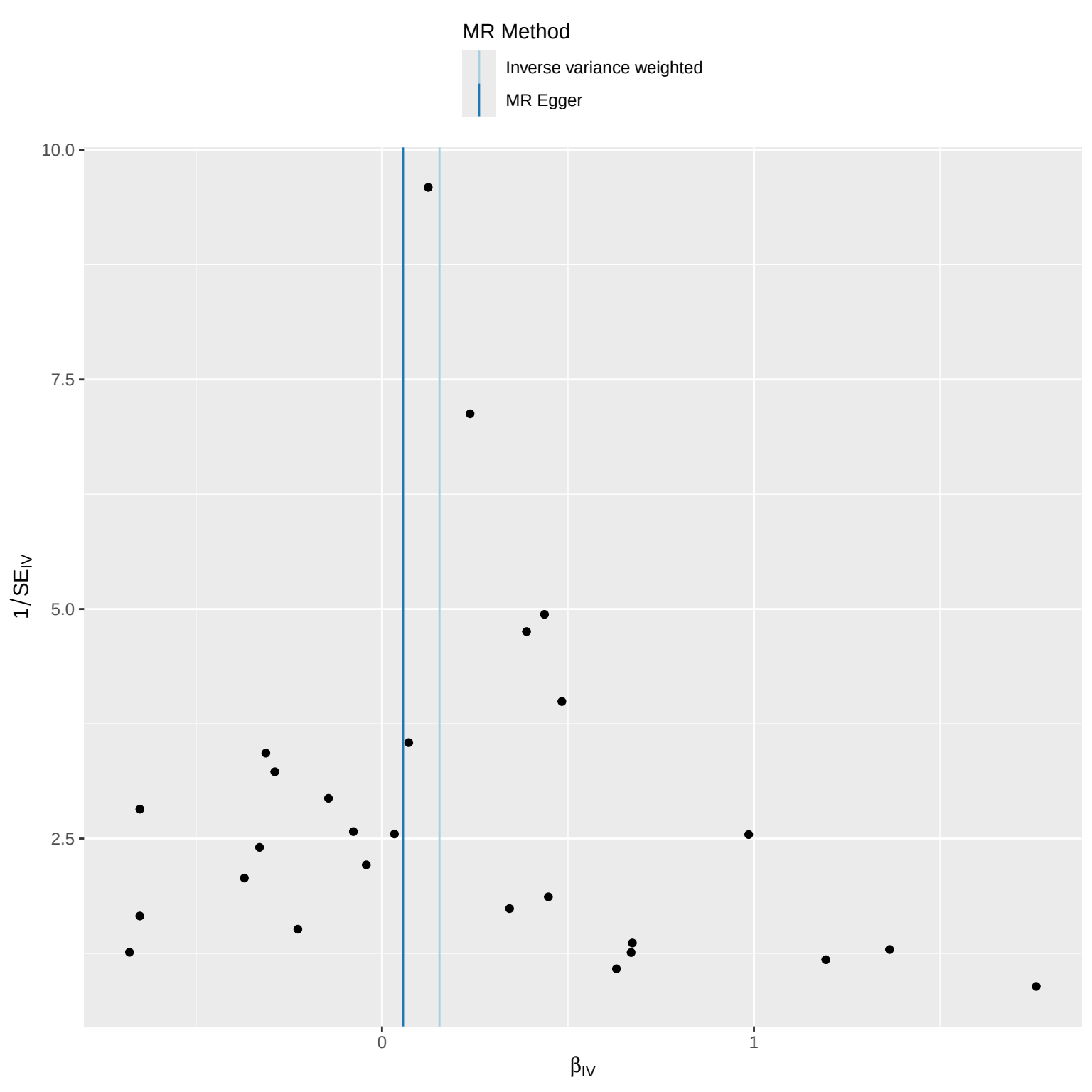

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

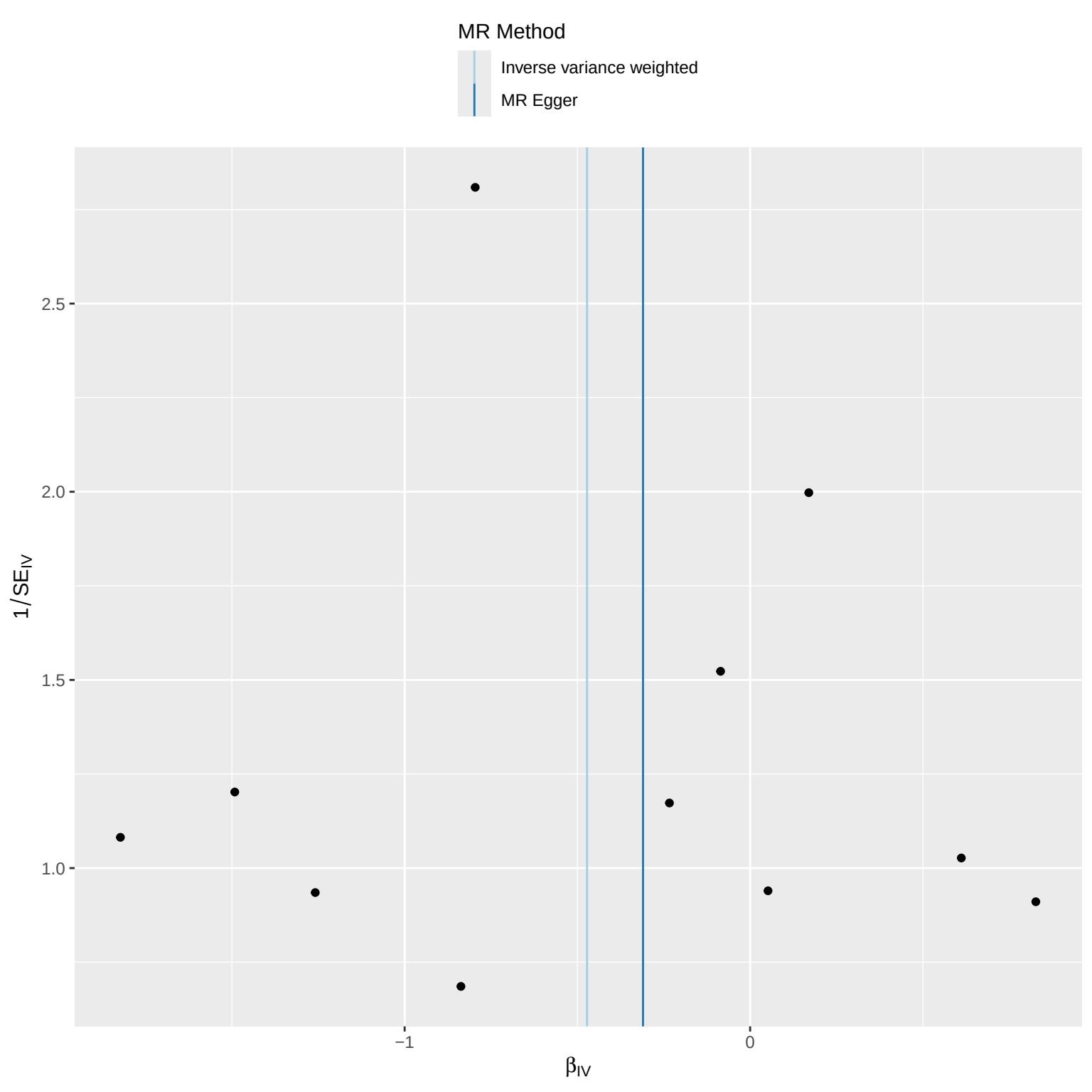

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

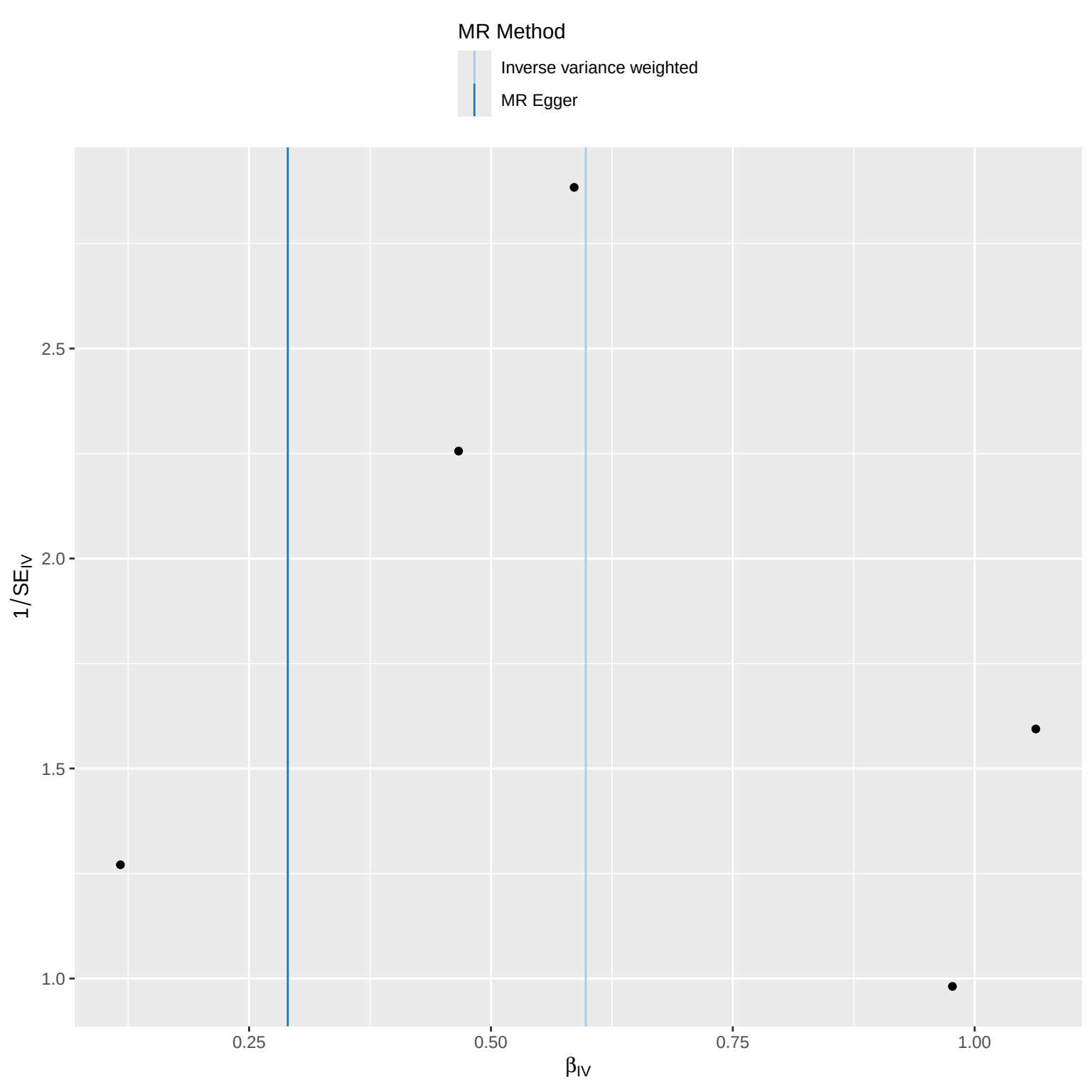

MR Method
Inverse variance weighted
MR Egger
2.75
2.50
2.25
2.00
1.75
1/SE_IV
0.4
0.6
0.8
1.0
β_IV

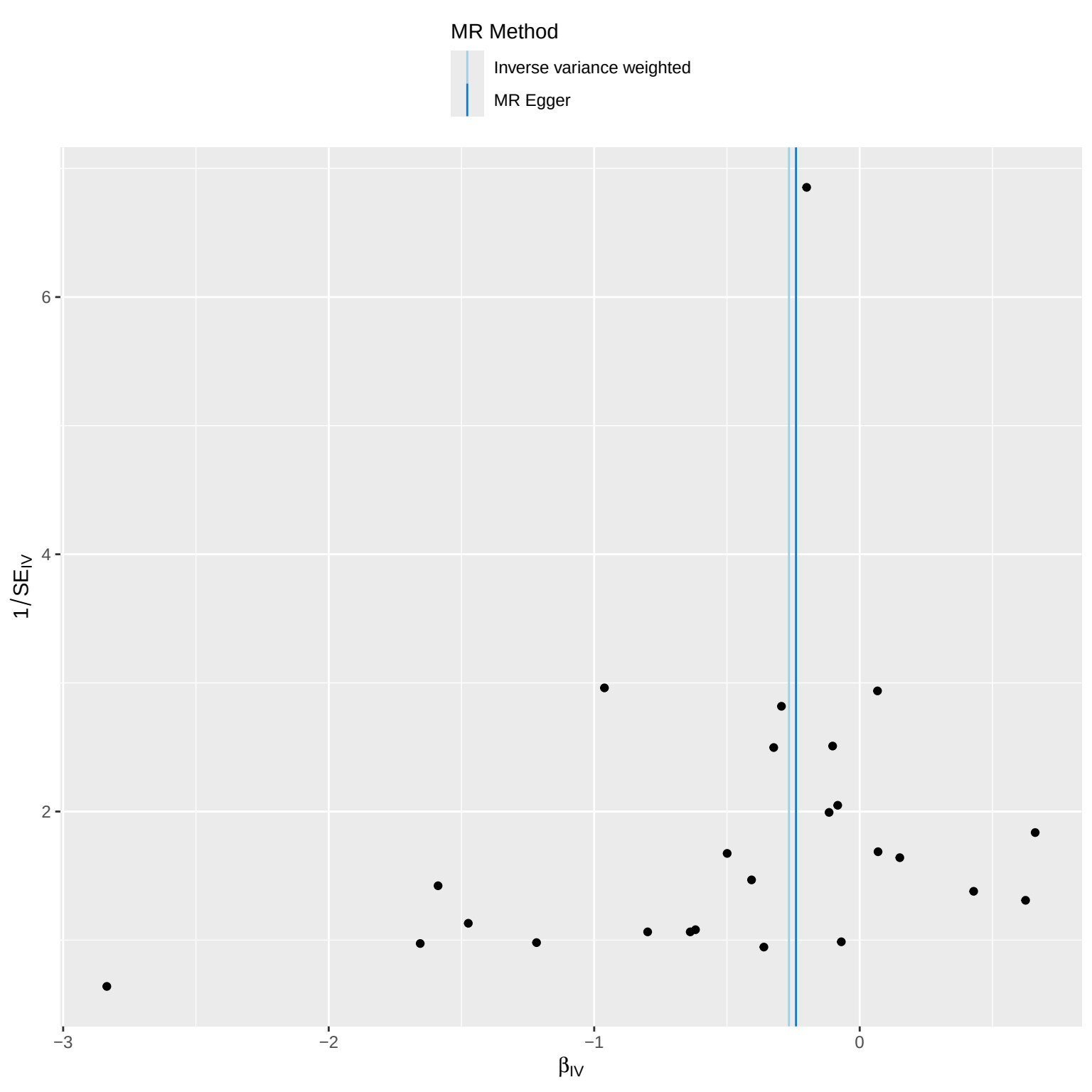

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

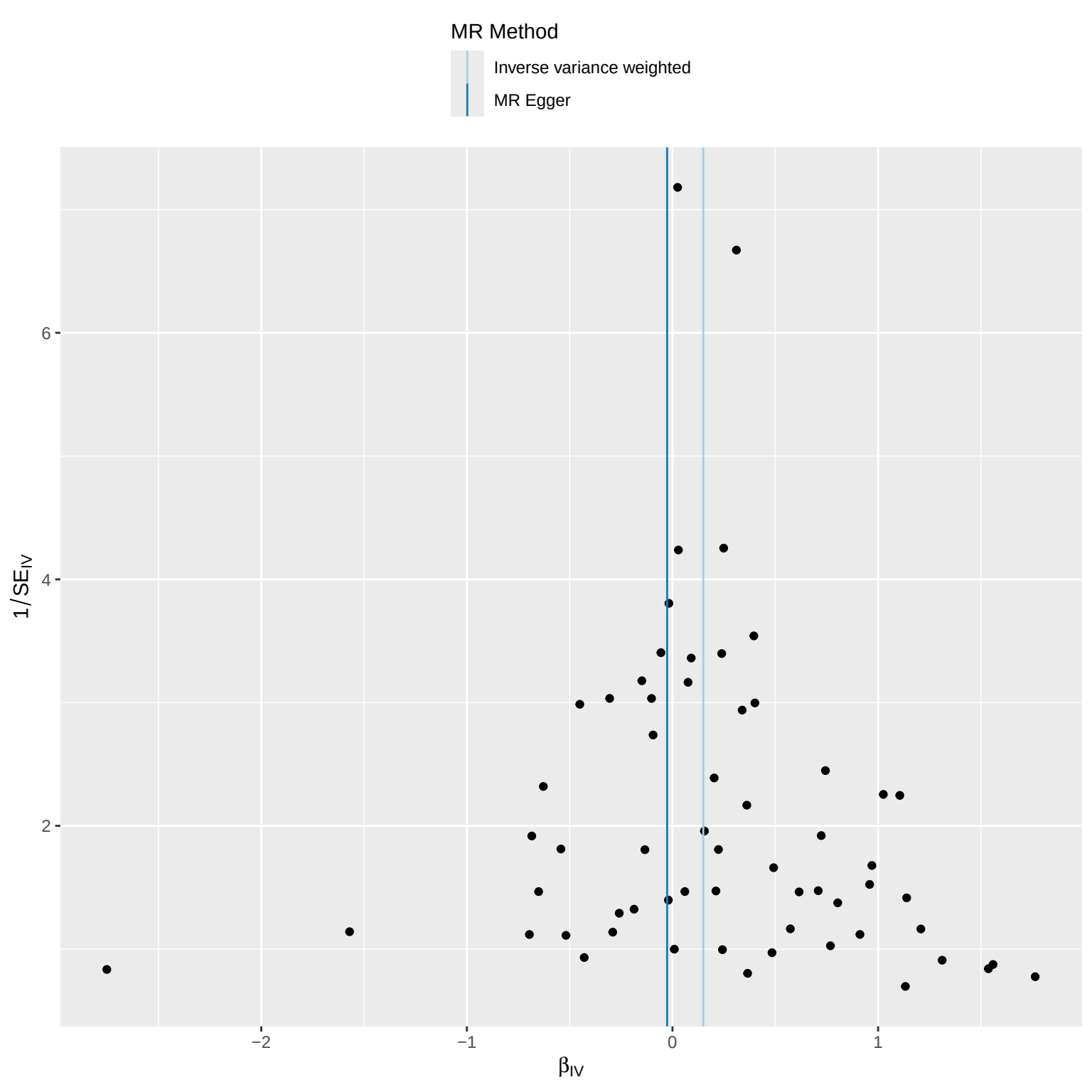

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

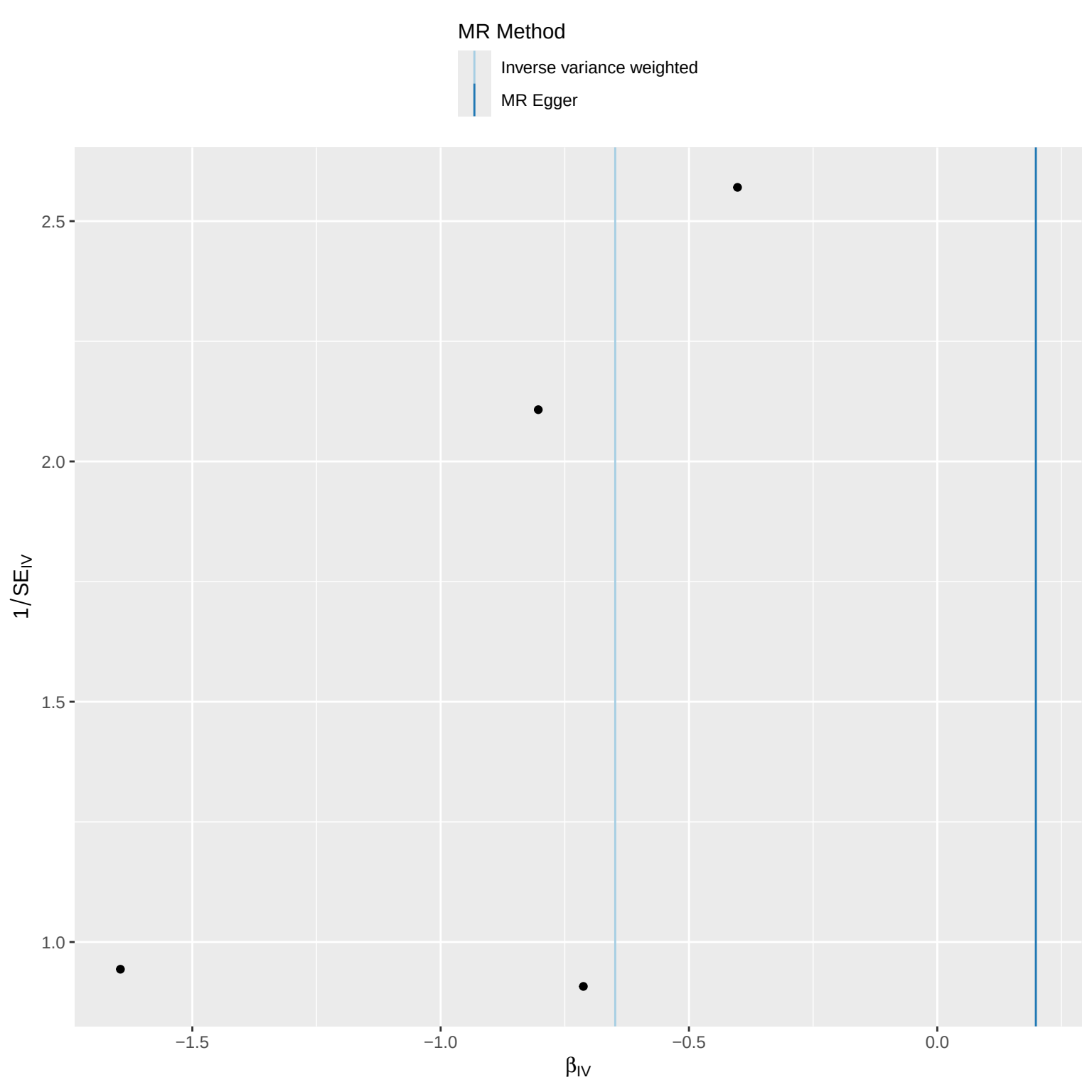

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
0
1
1/SE_IV
β_IV

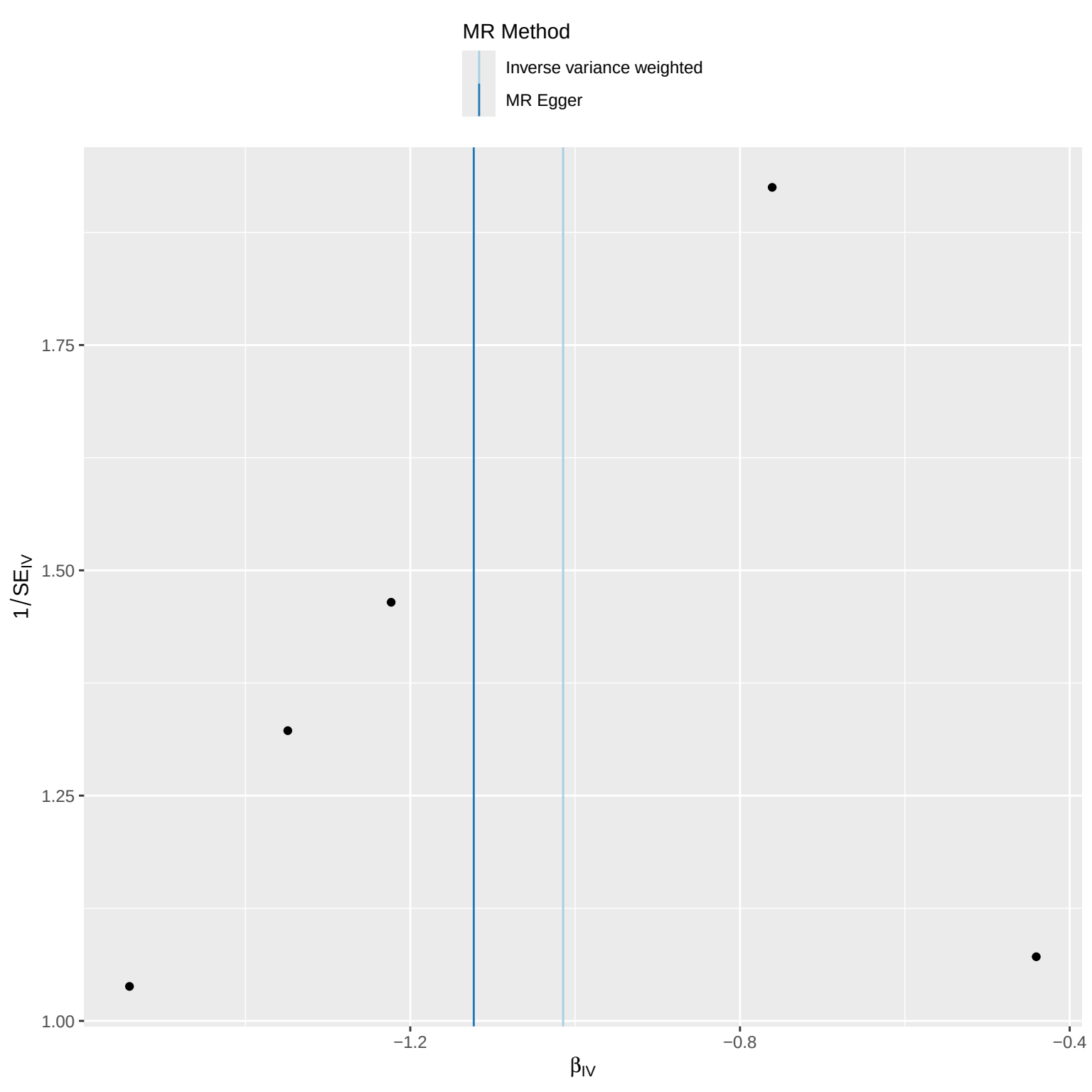

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
β_IV

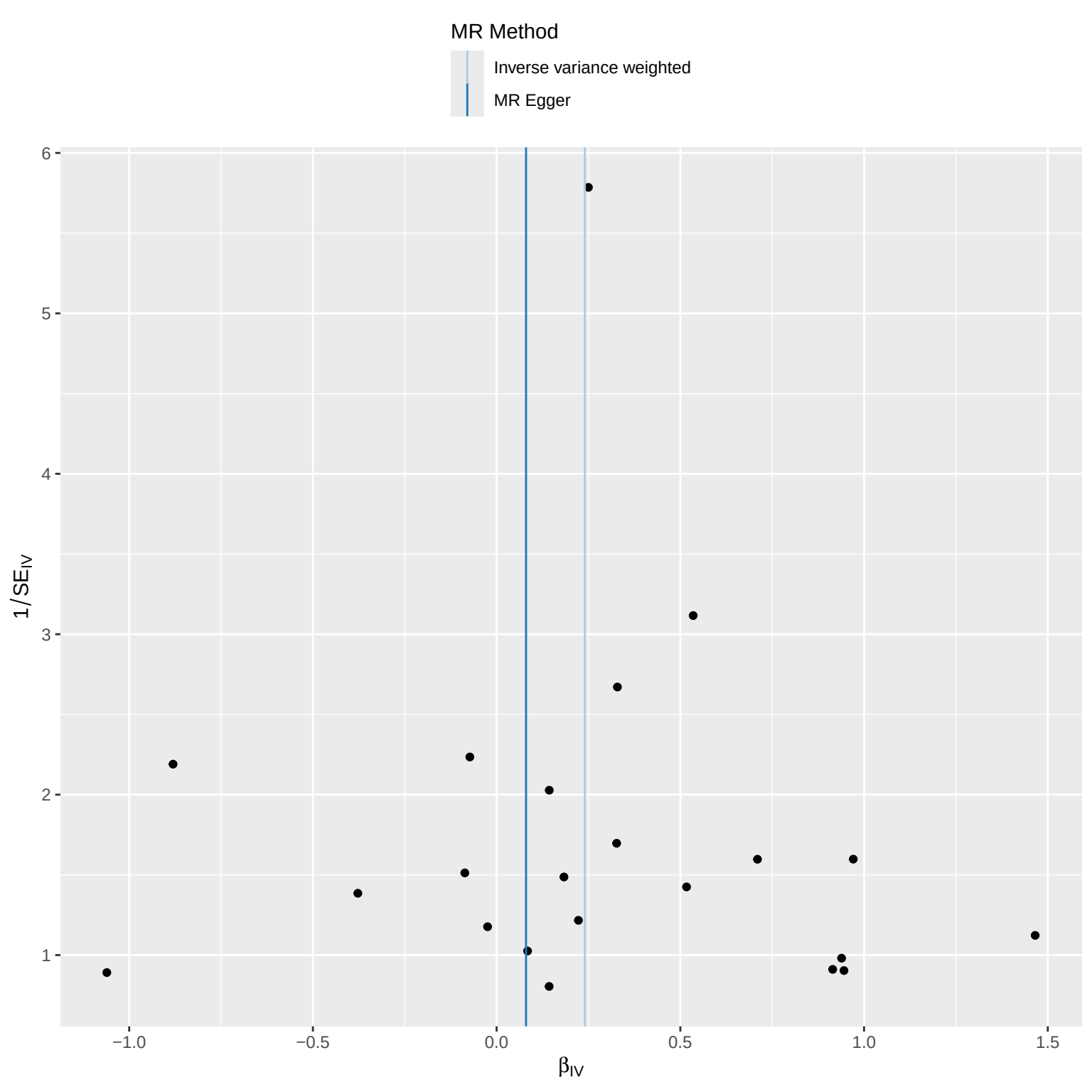

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.25
0.50
0.75
1.00
β_IV

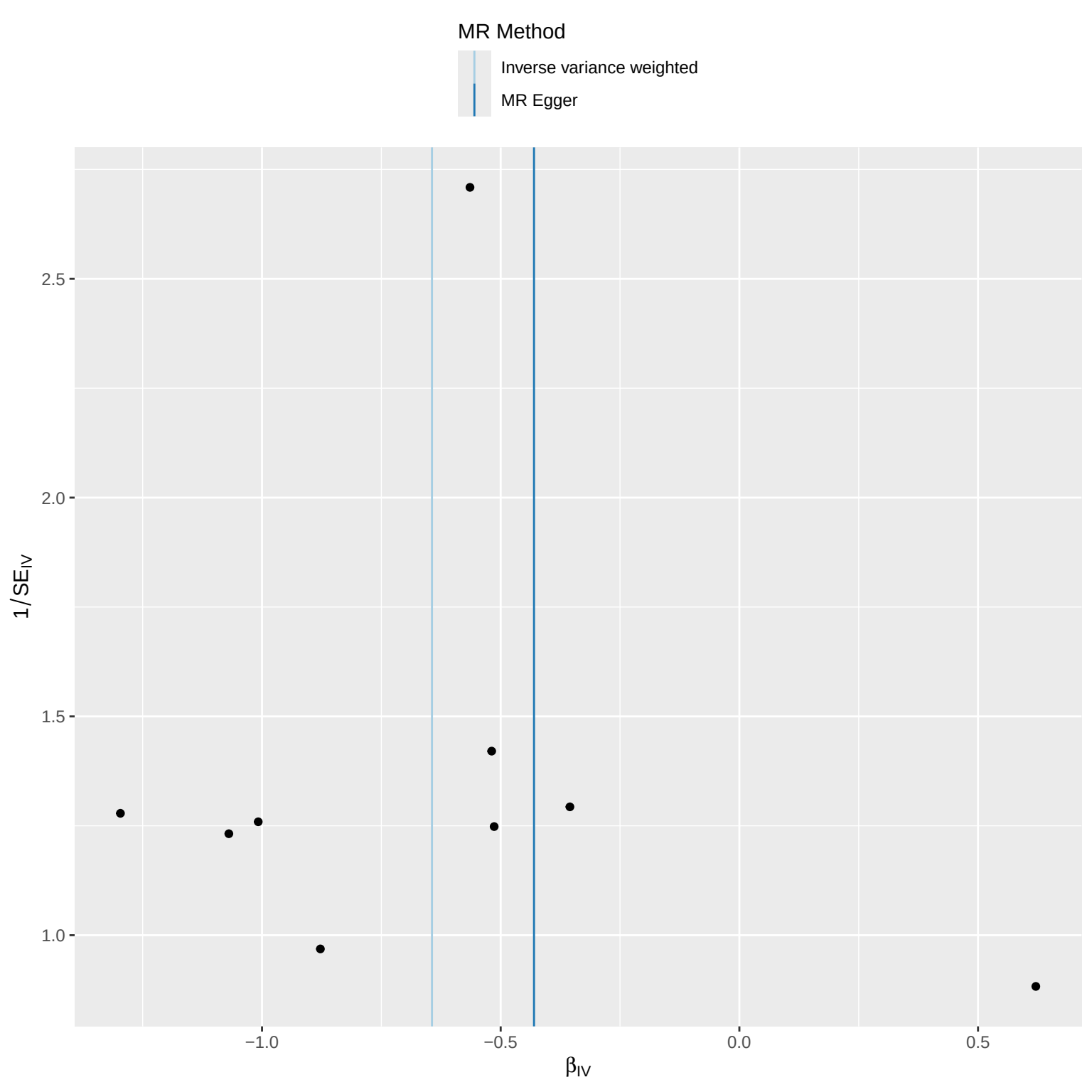

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
β_IV

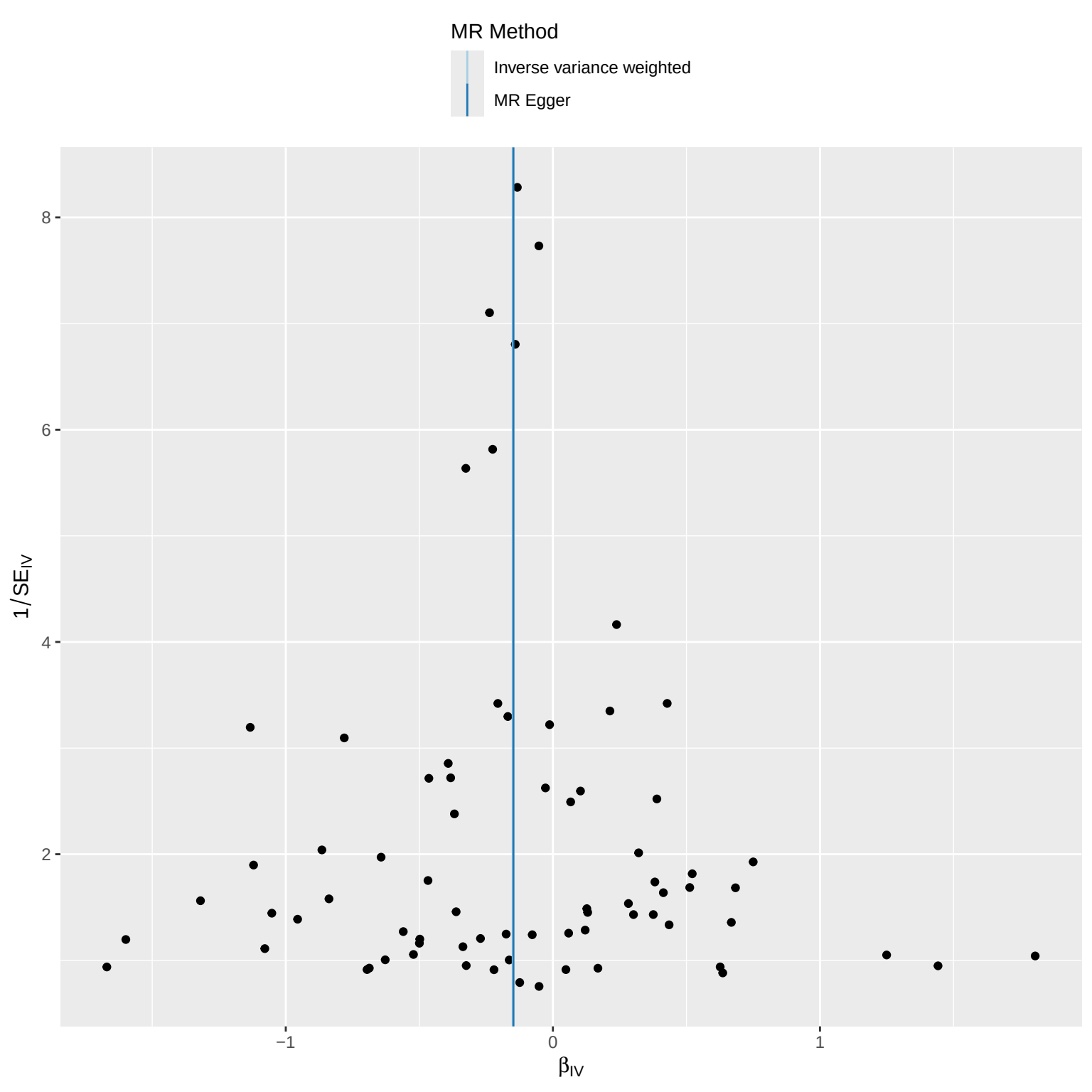

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

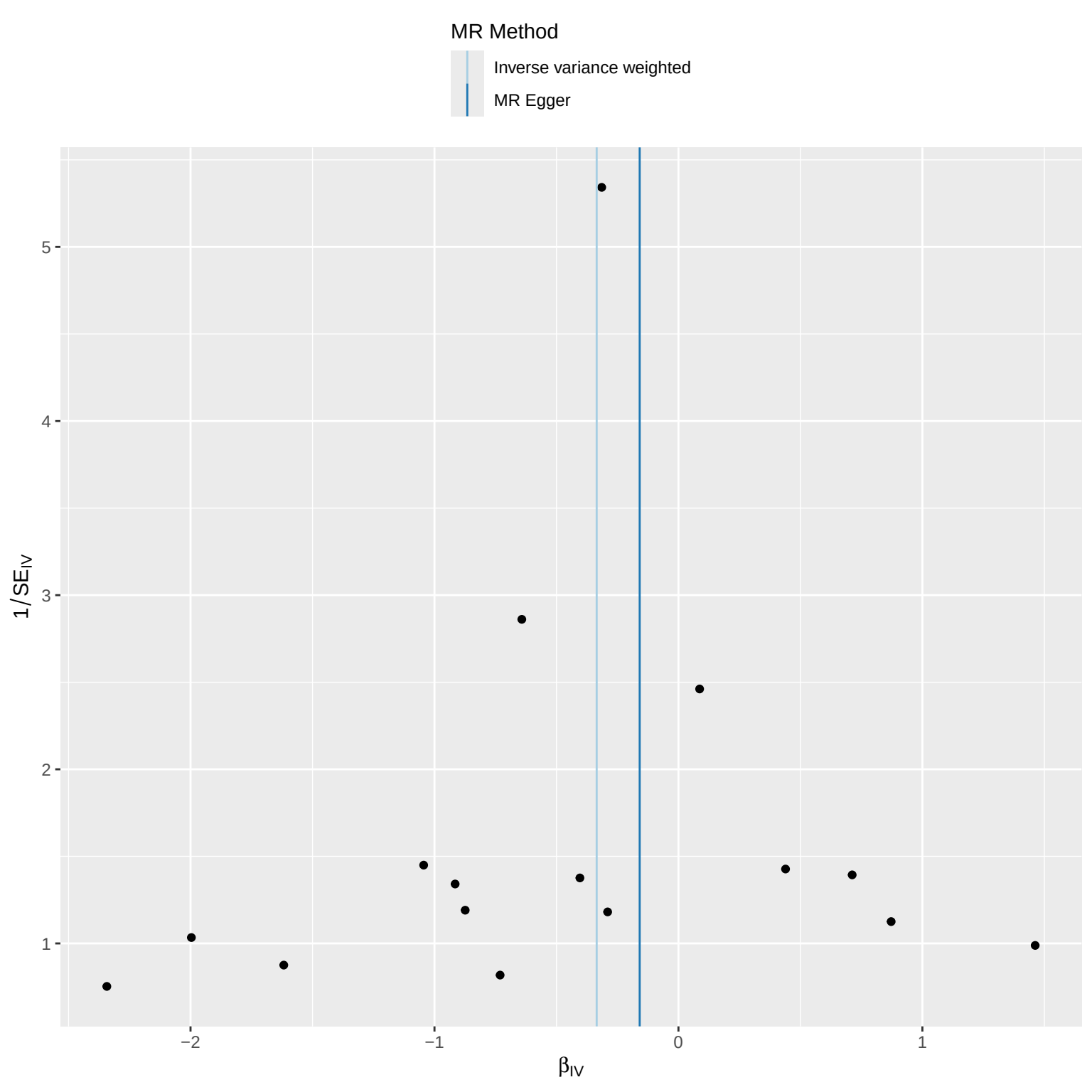

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

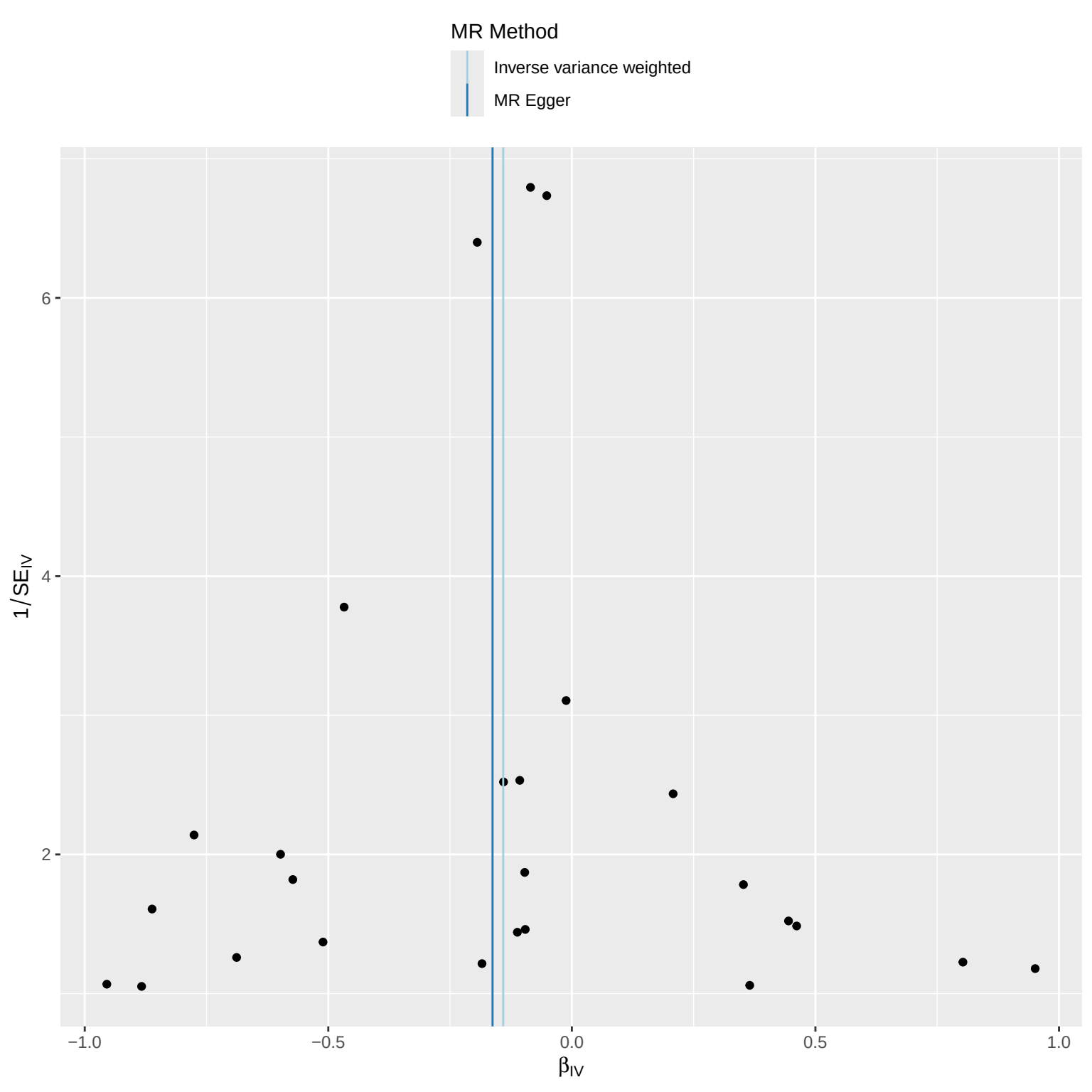

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
−1.2
−0.8
−0.4
β_IV

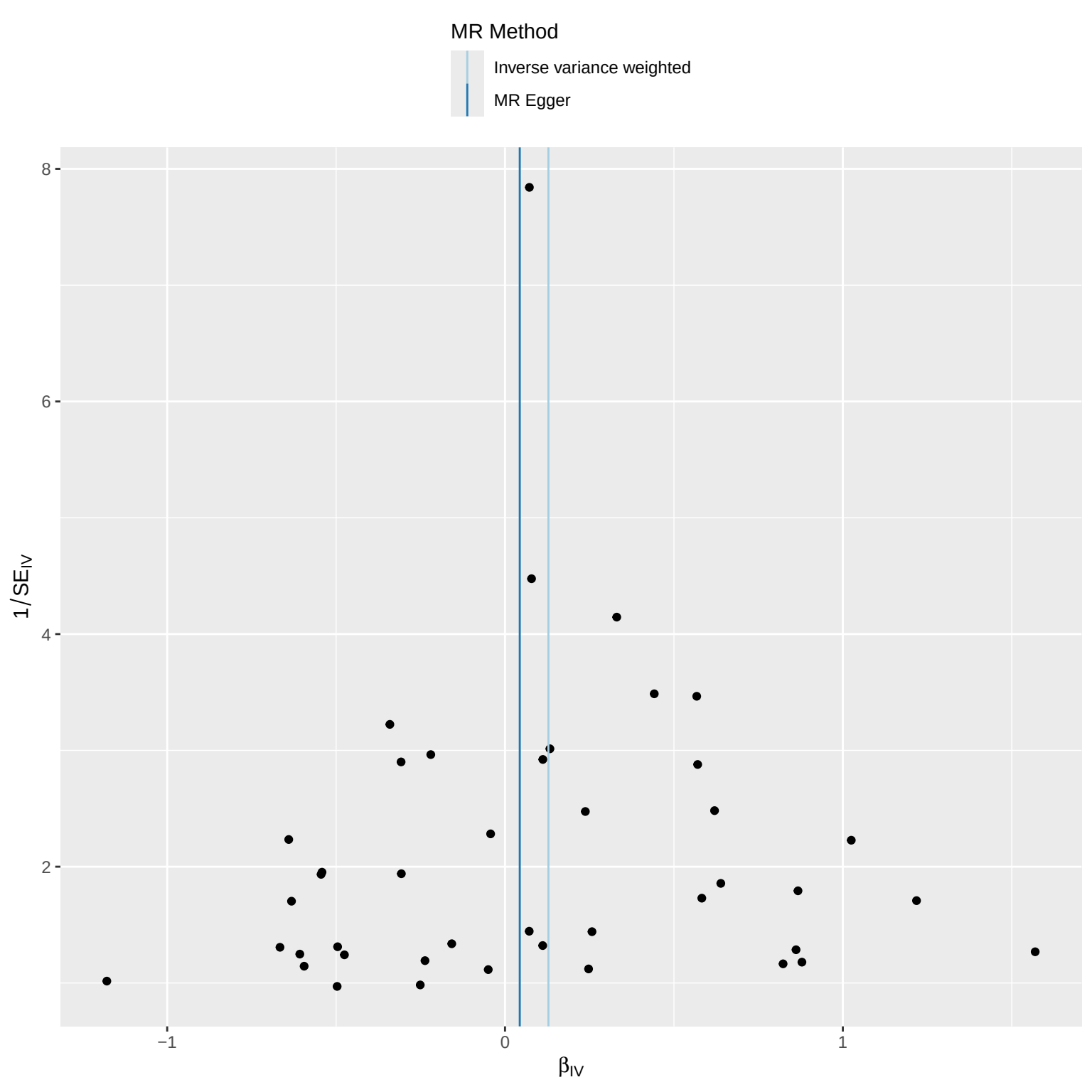

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

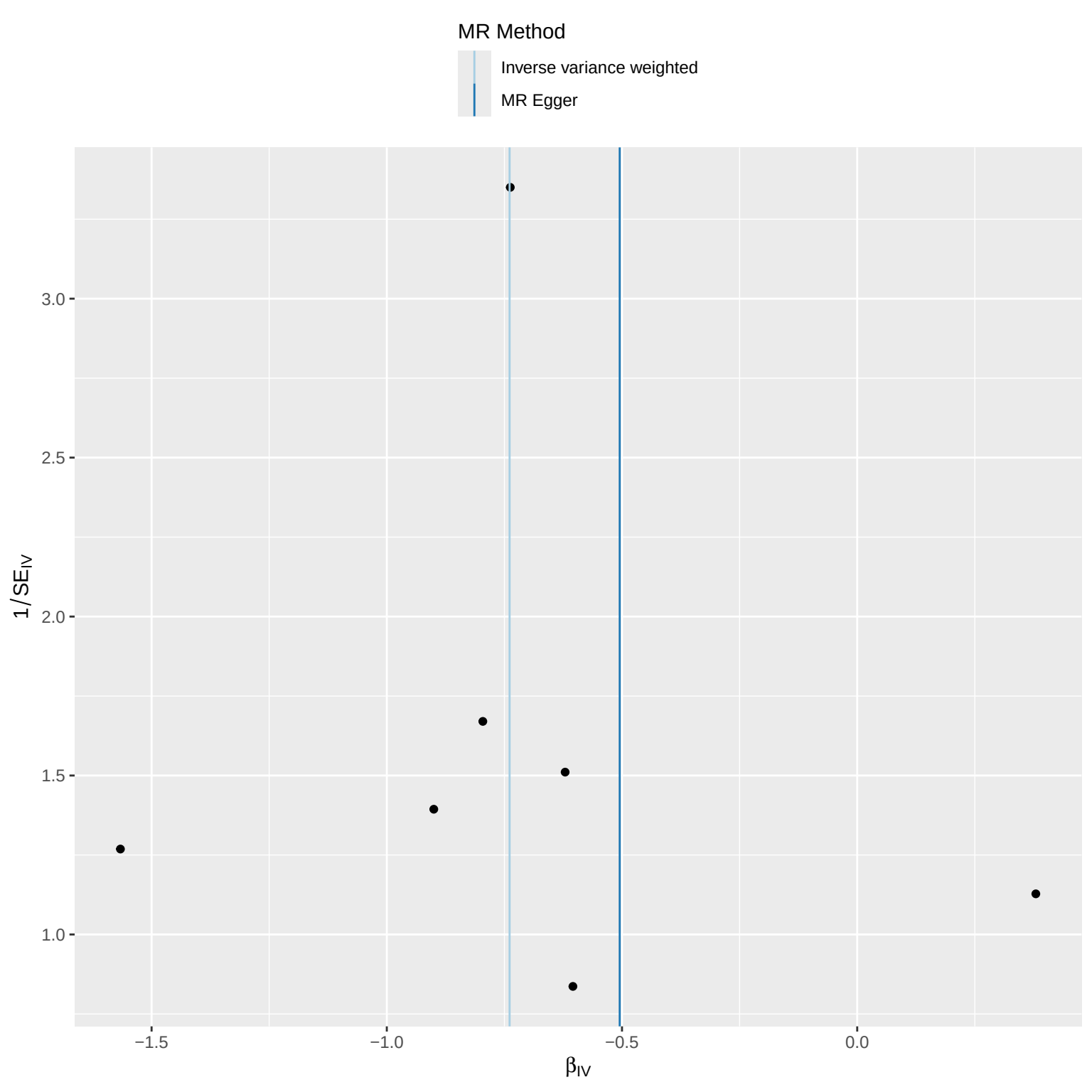

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

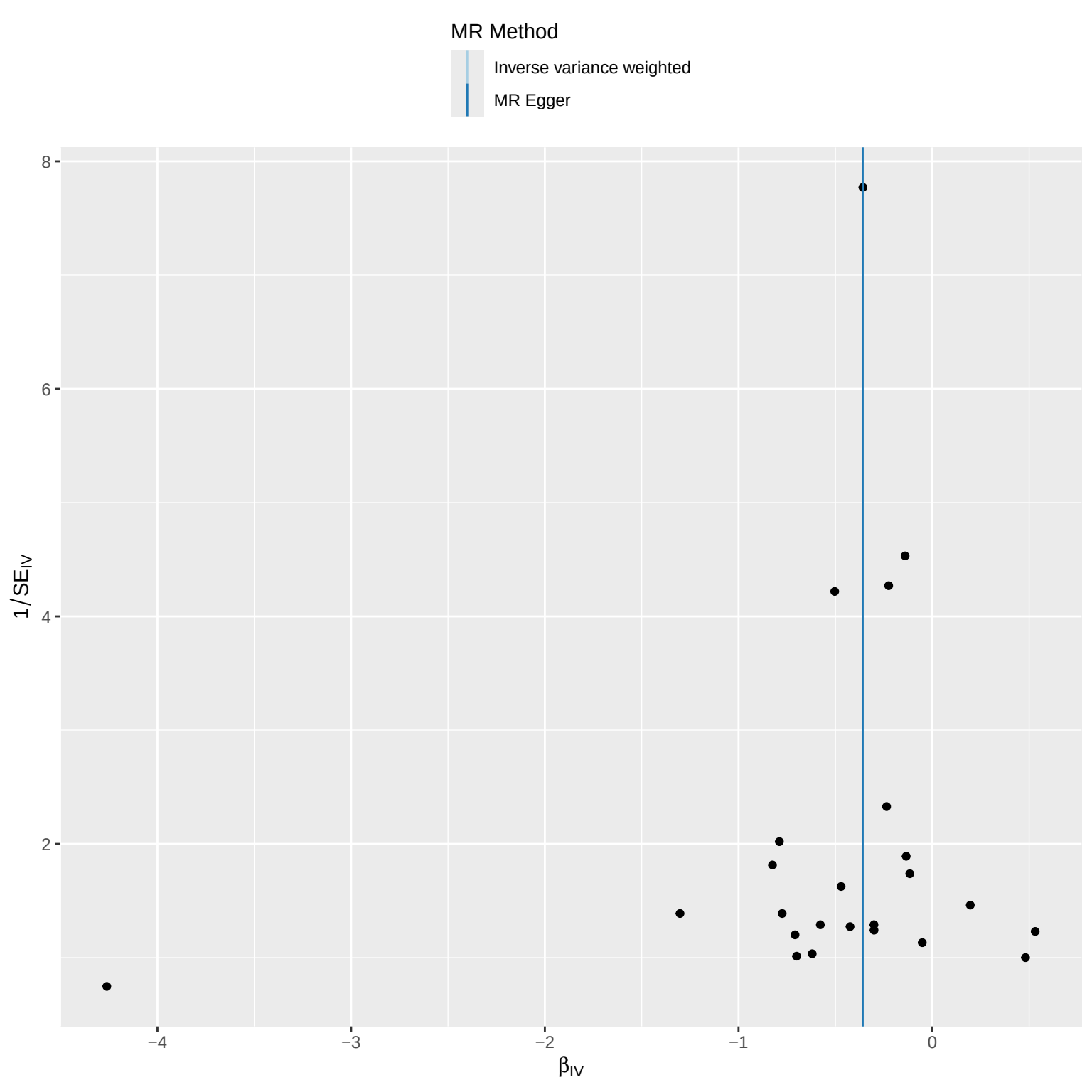

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

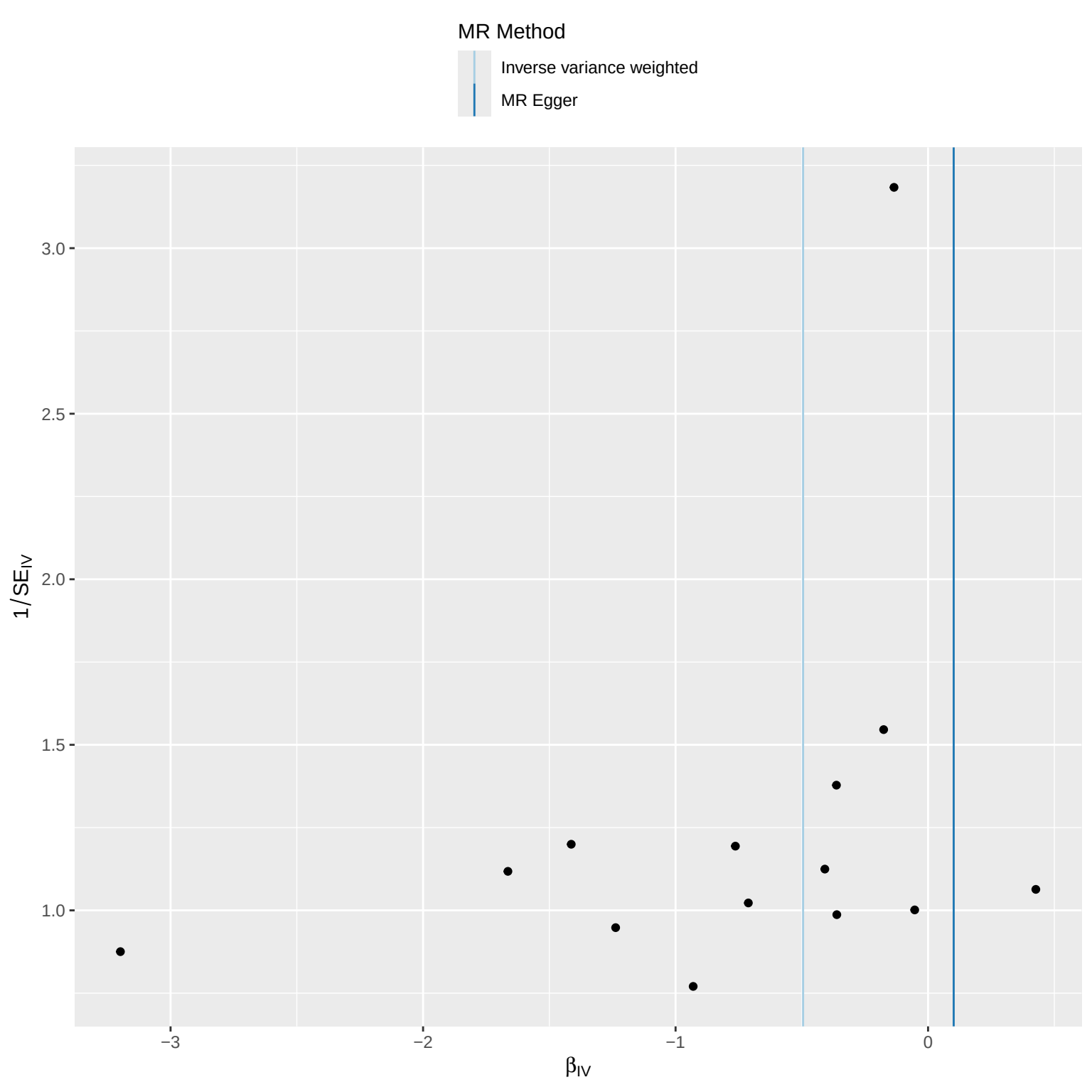

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

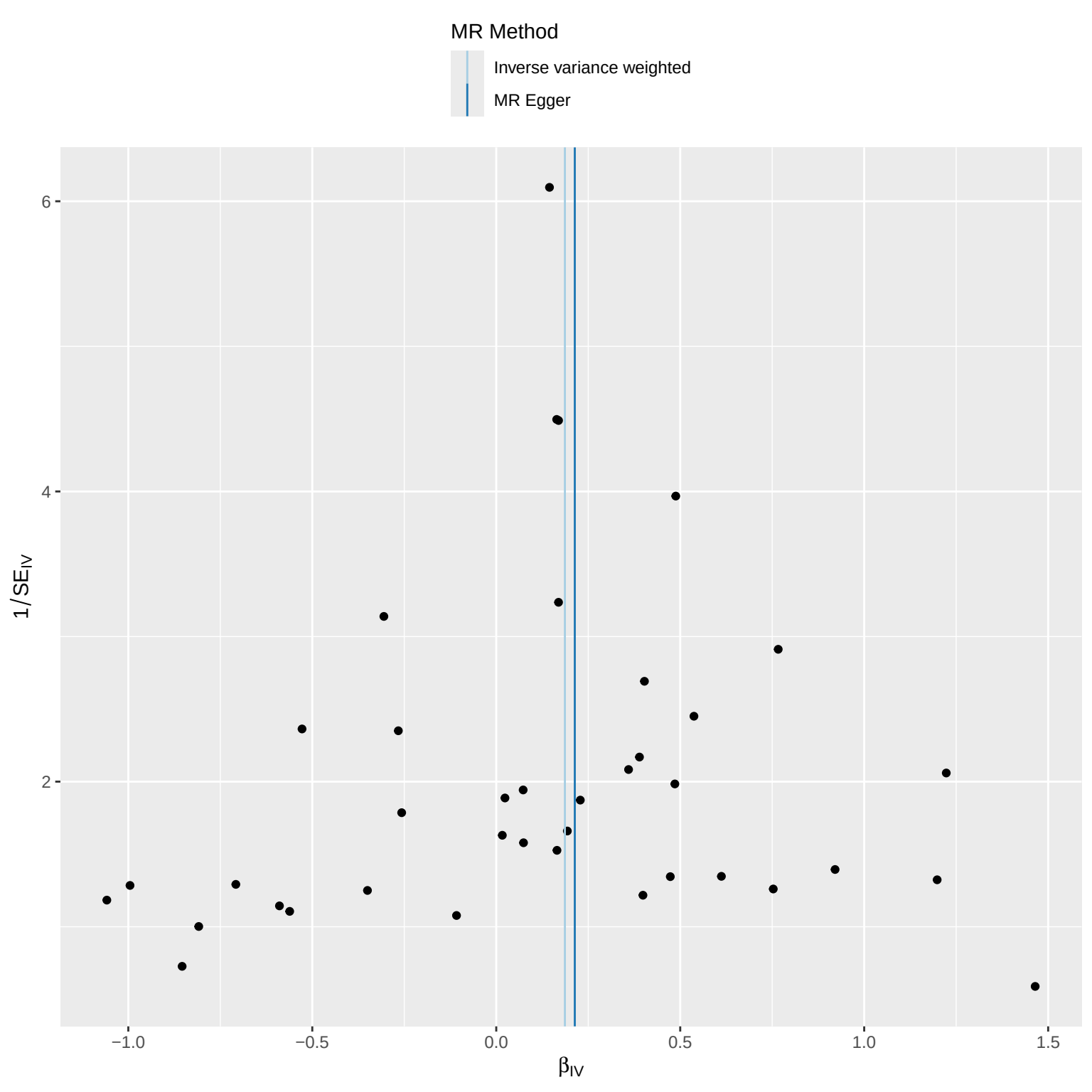

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

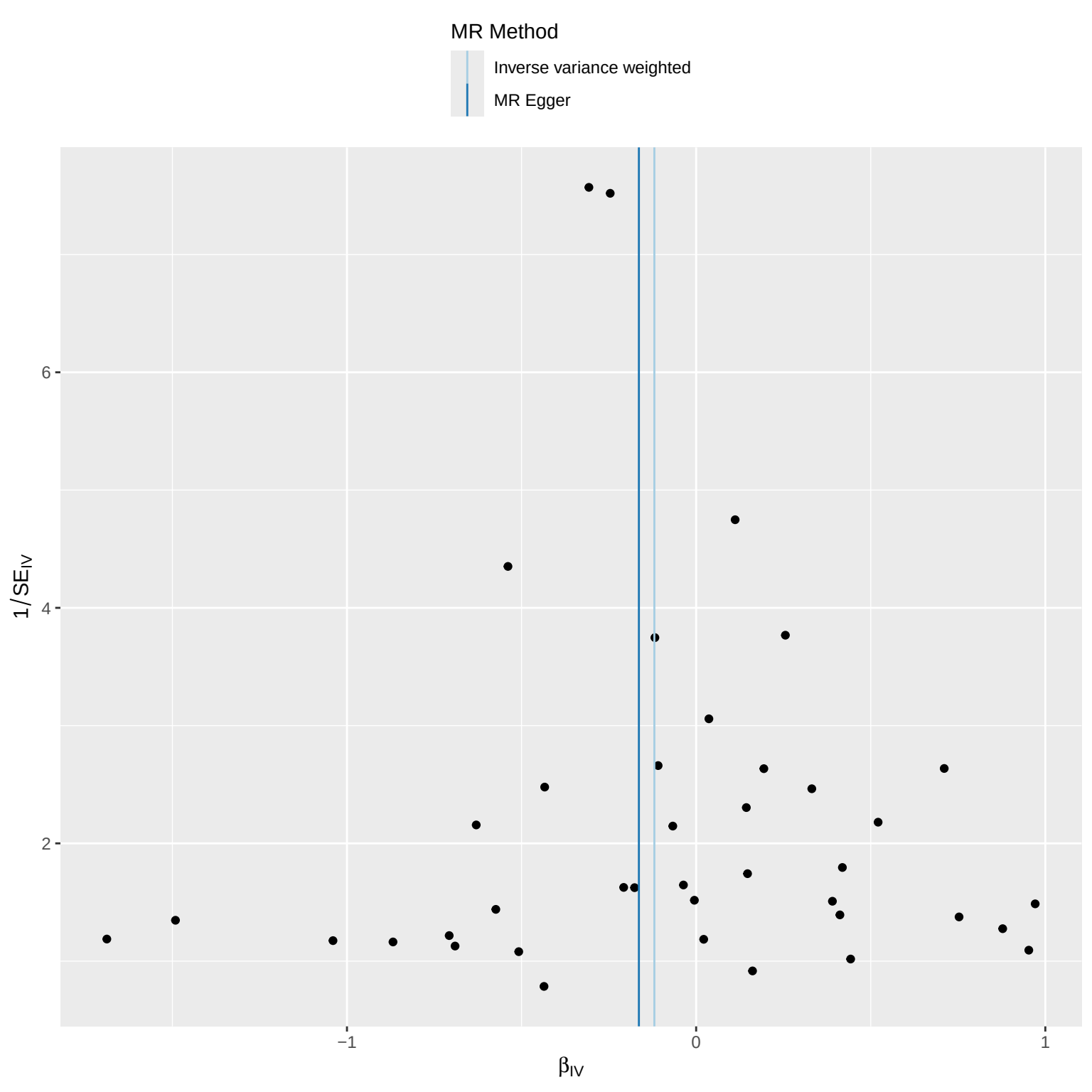

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

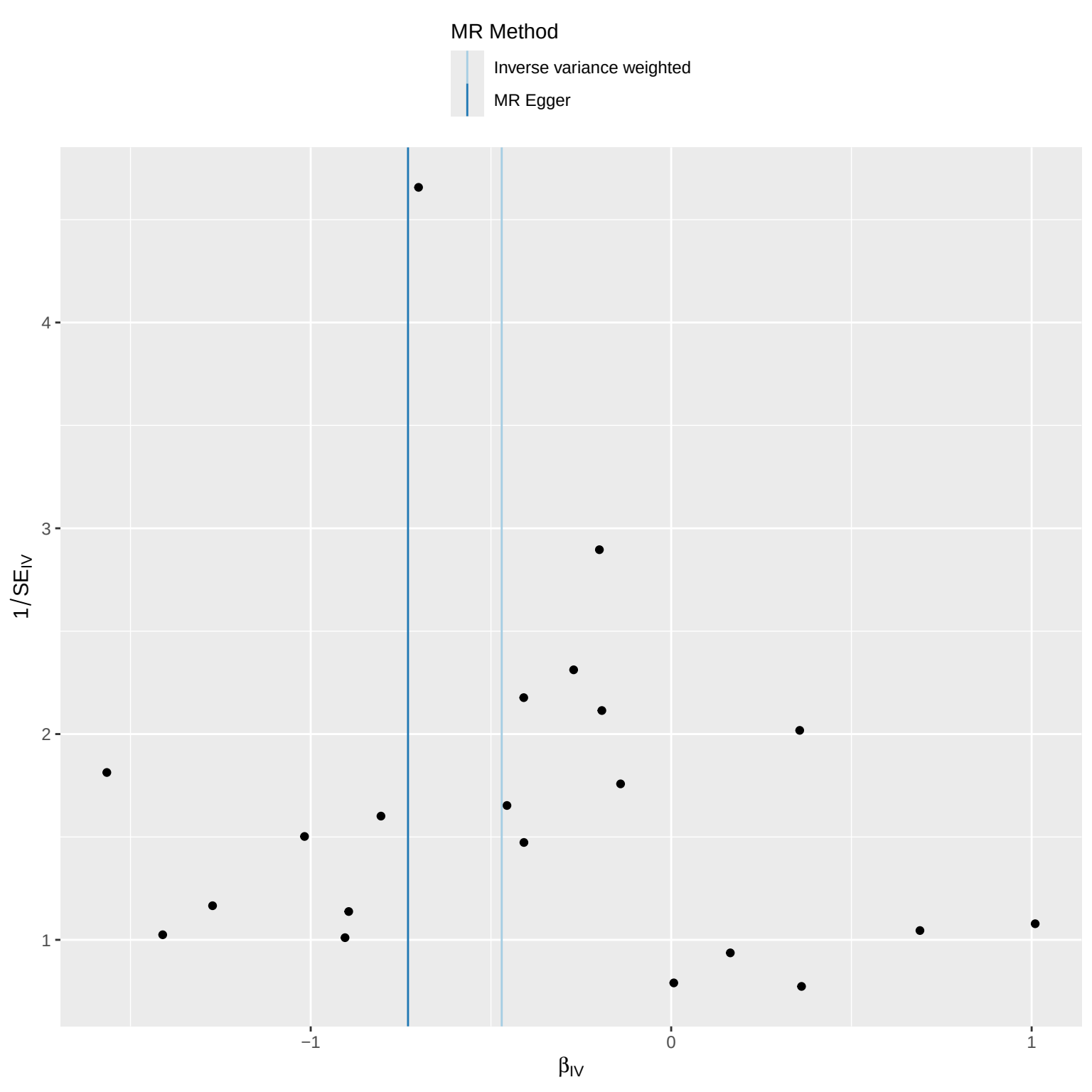

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

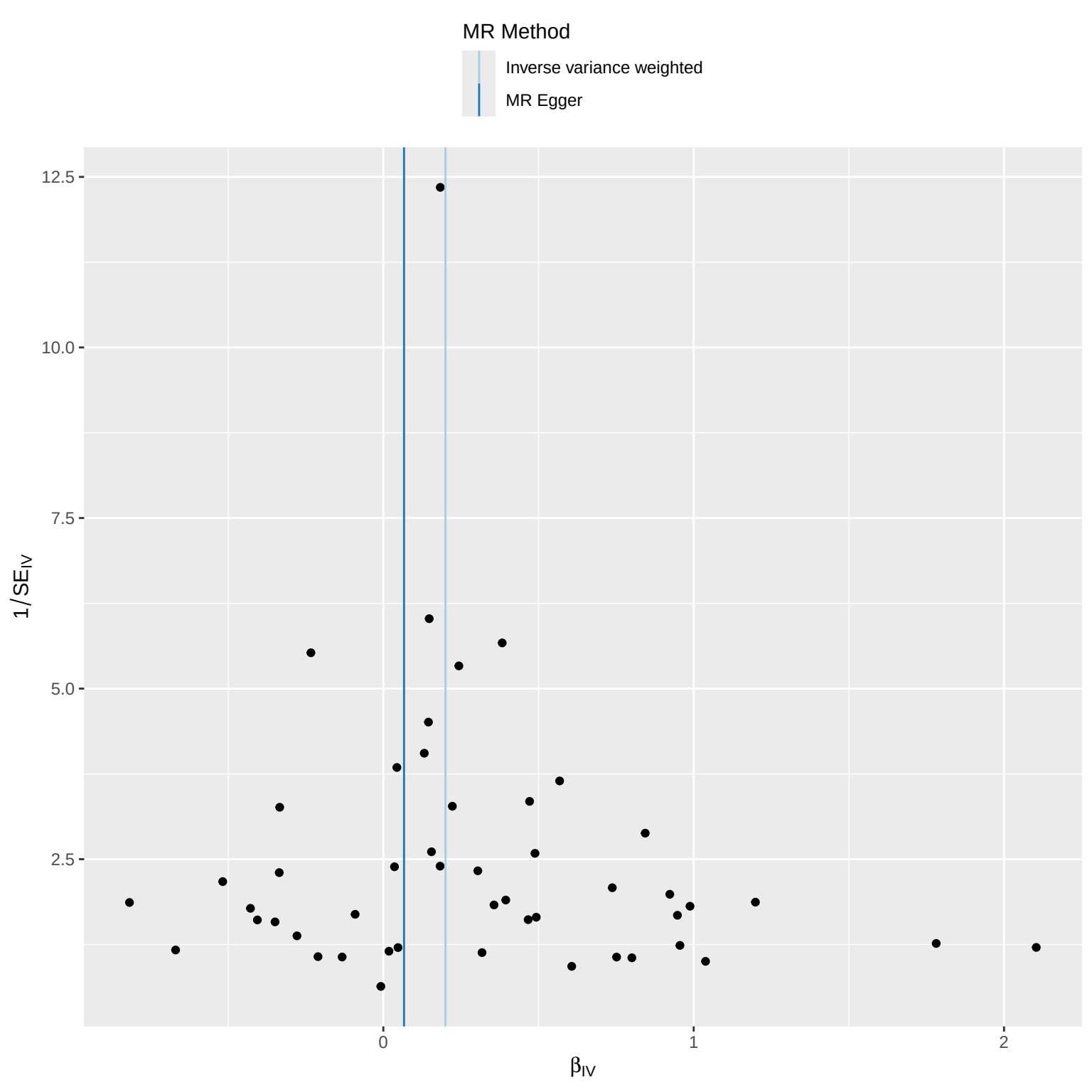

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−4
−3
−2
−1
0
β_IV

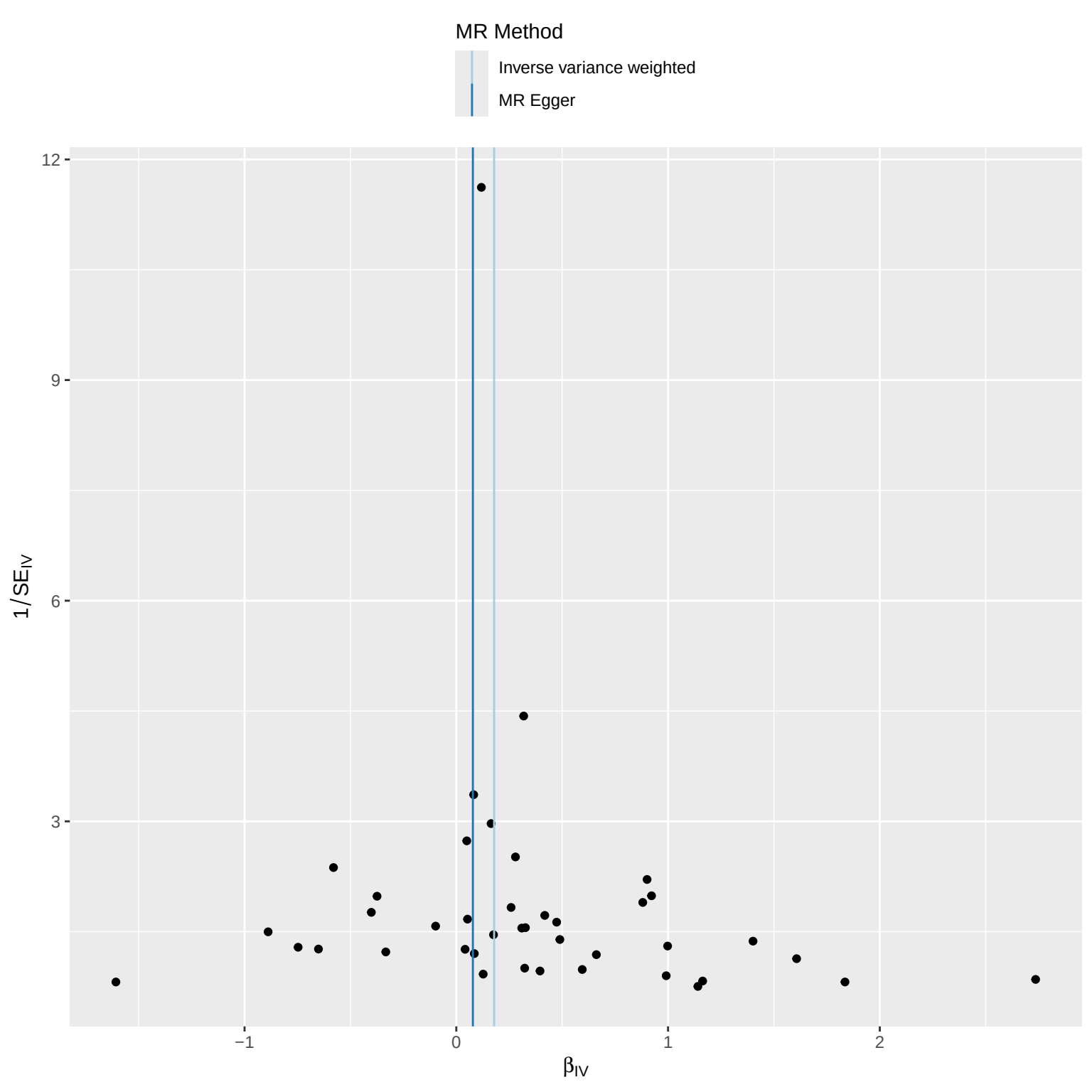

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

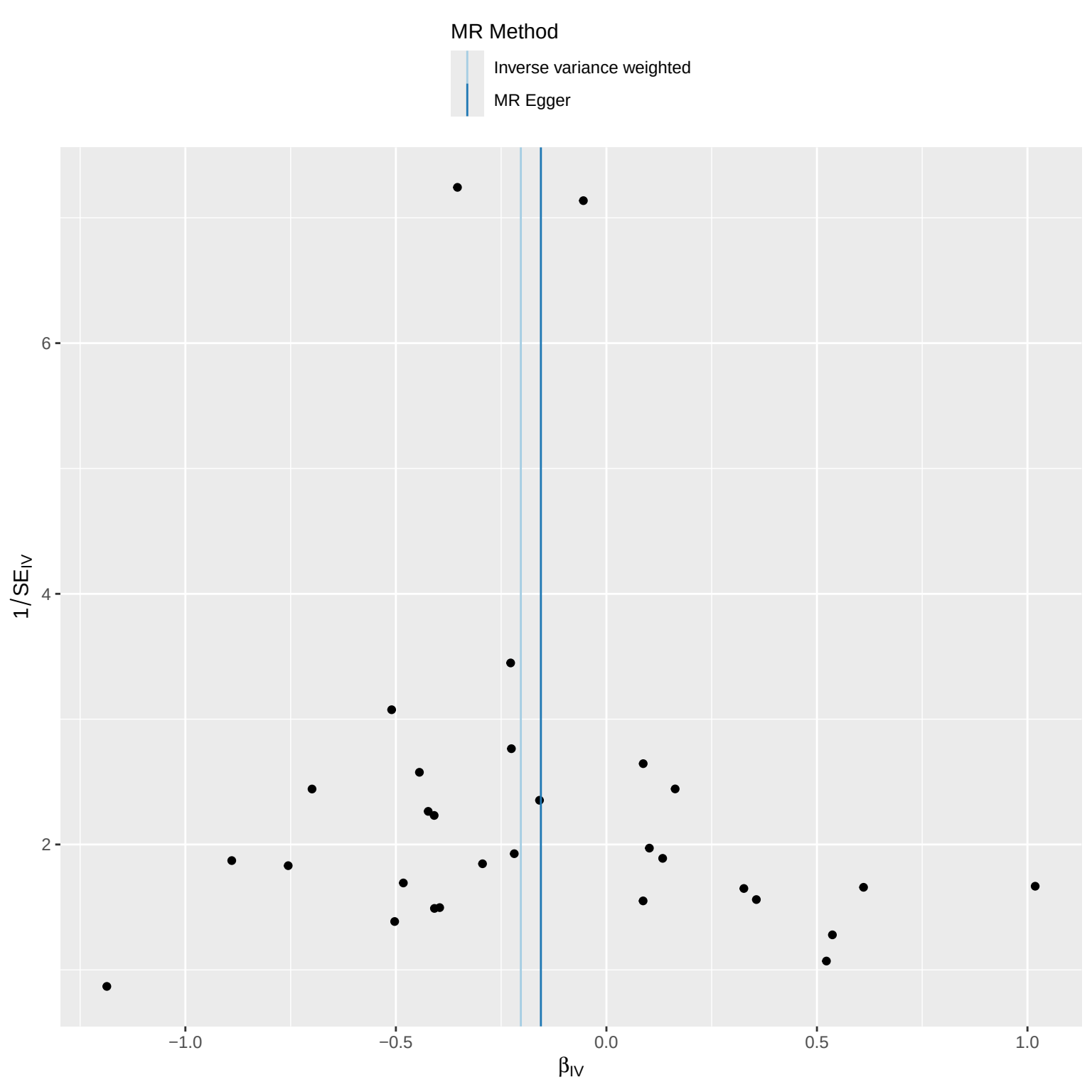

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

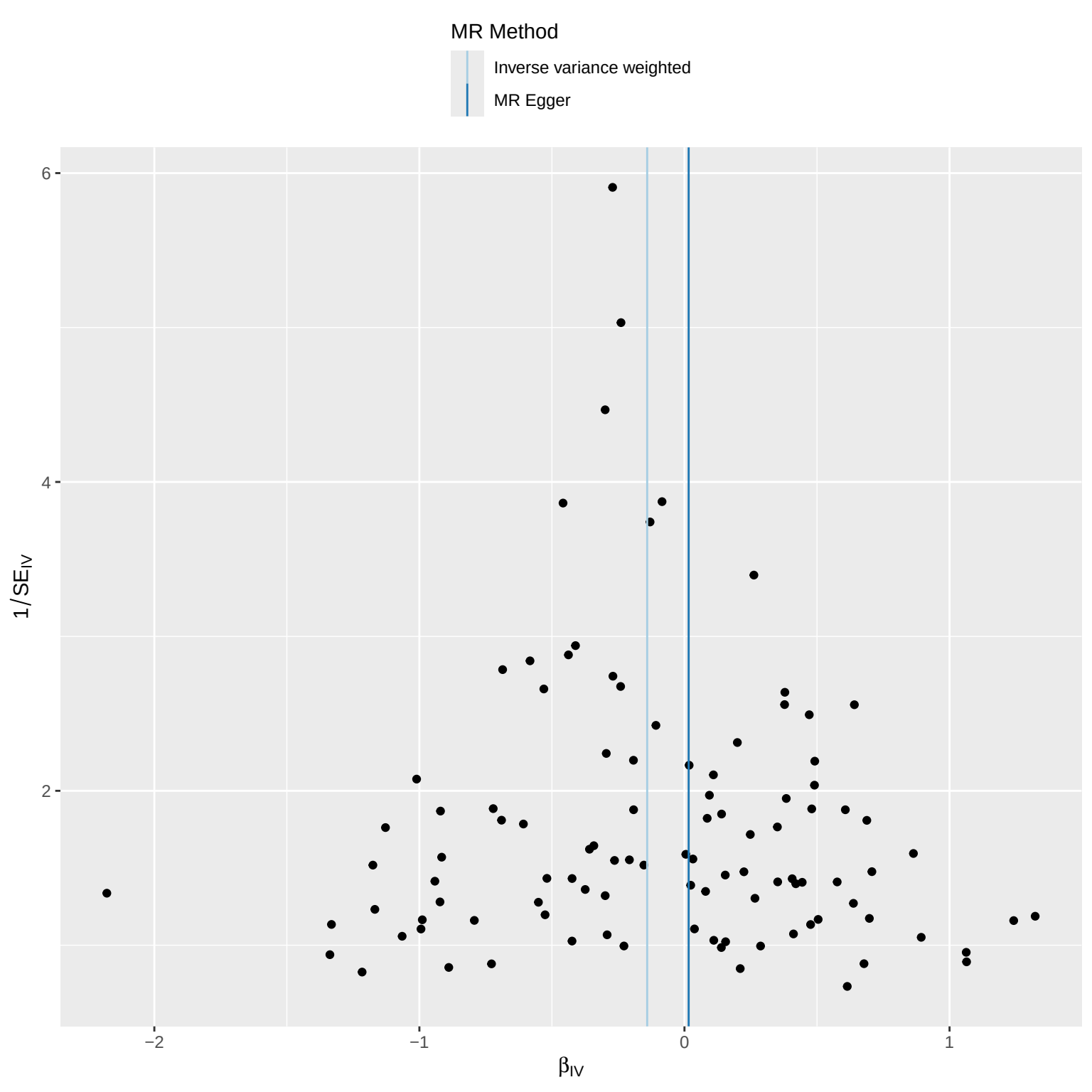

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

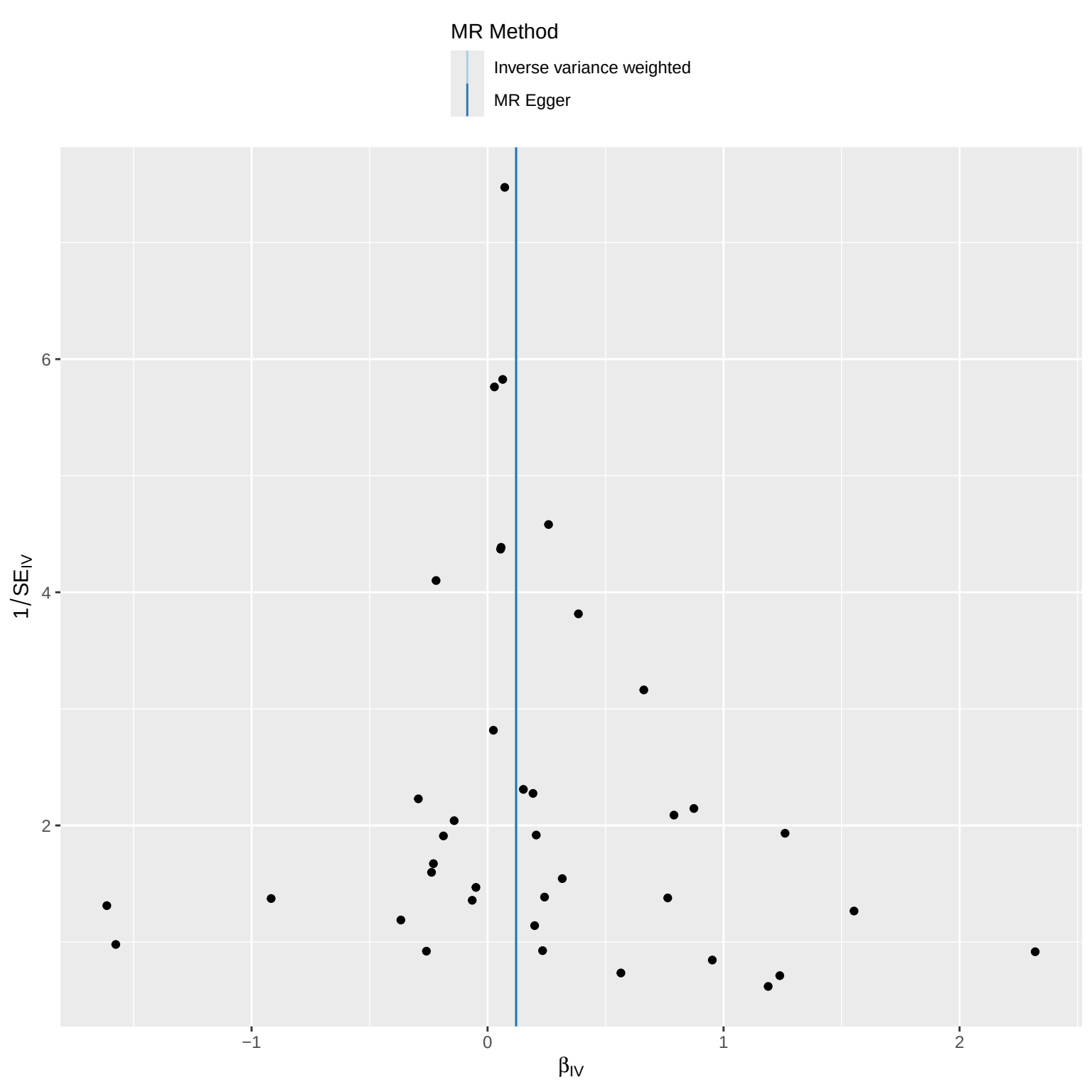

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

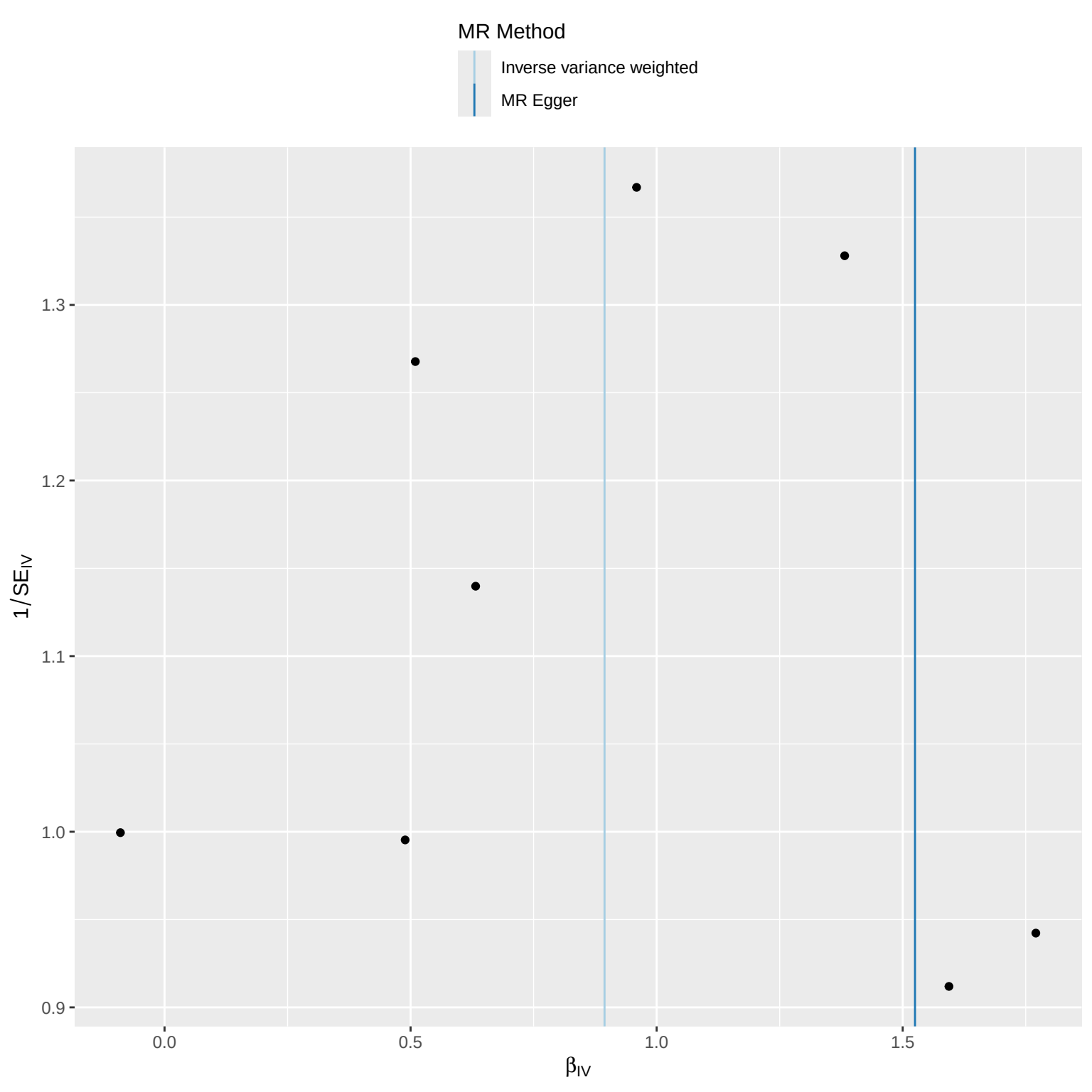

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
0
1
2
β_IV

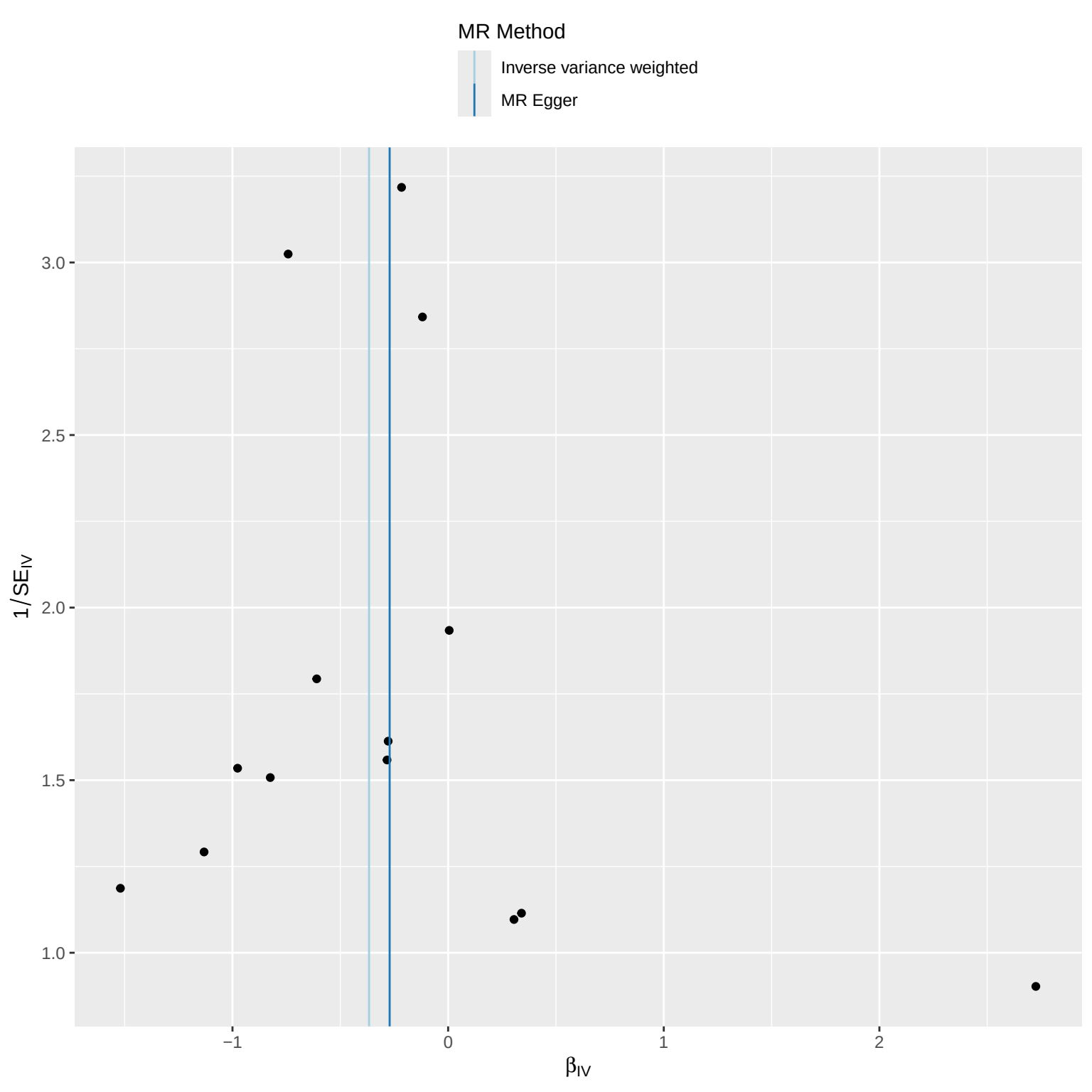

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−1
0
1
2
β_IV

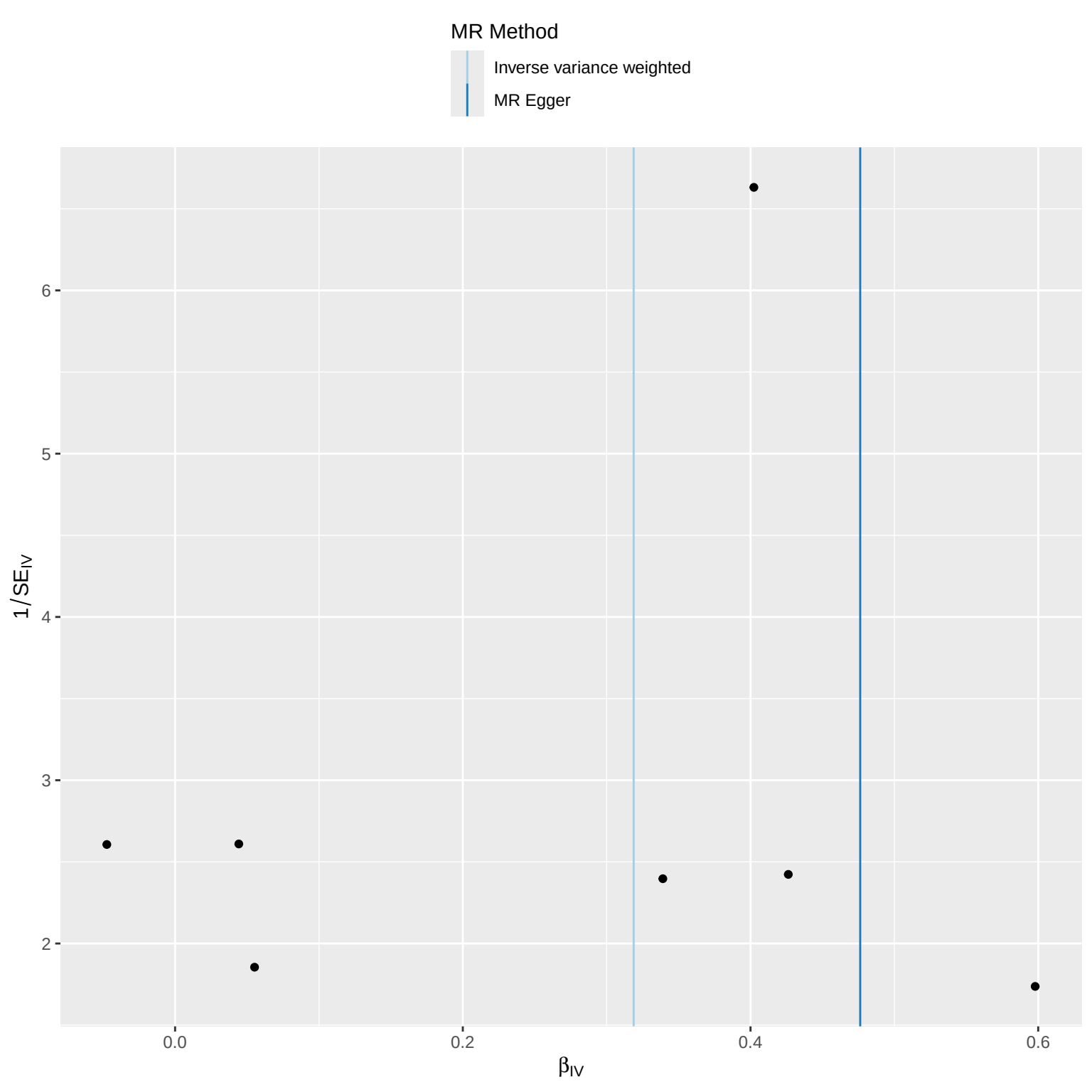

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

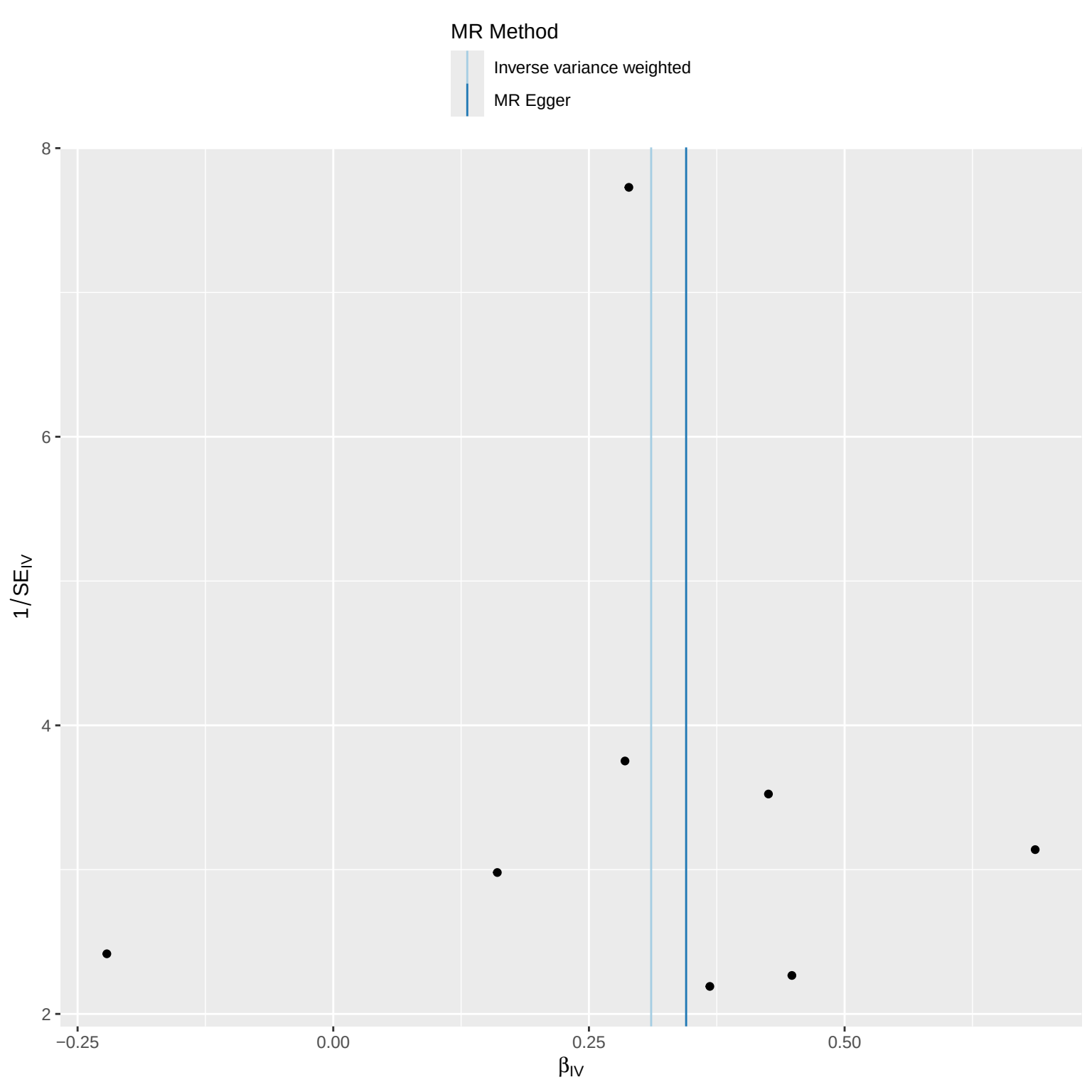

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

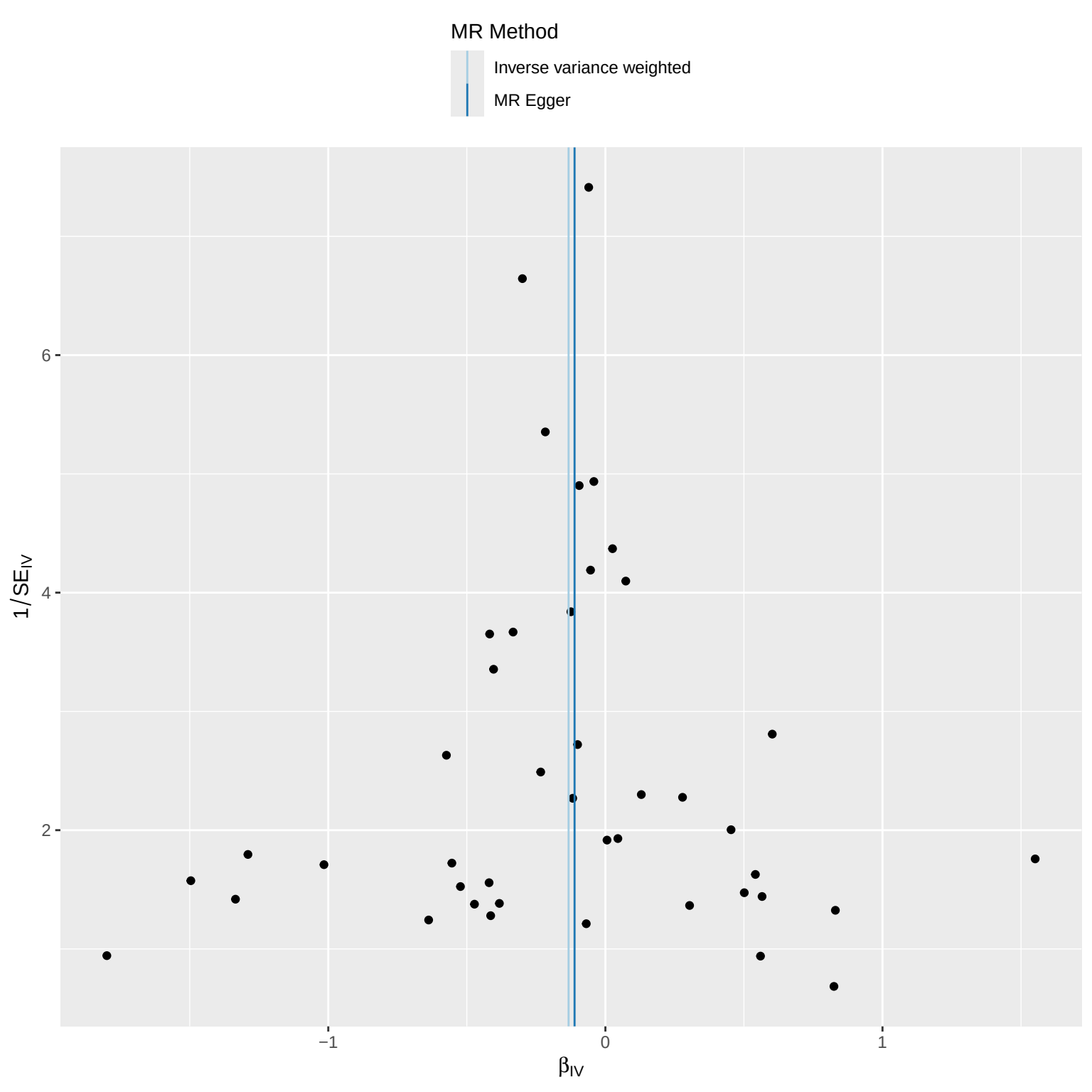

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

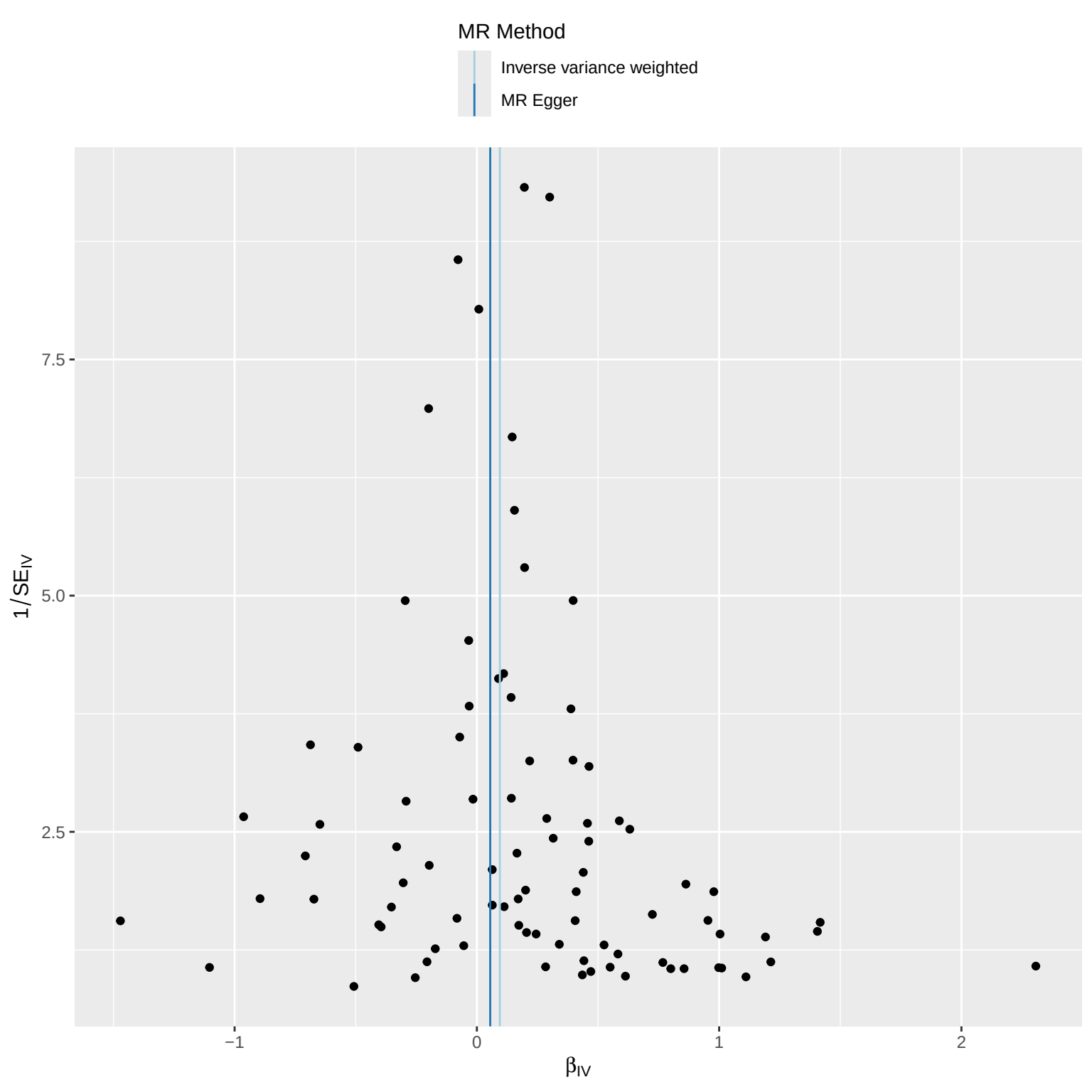

MR Method
Inverse variance weighted
MR Egger
1.3
1.2
1.1
1.0
0.9
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

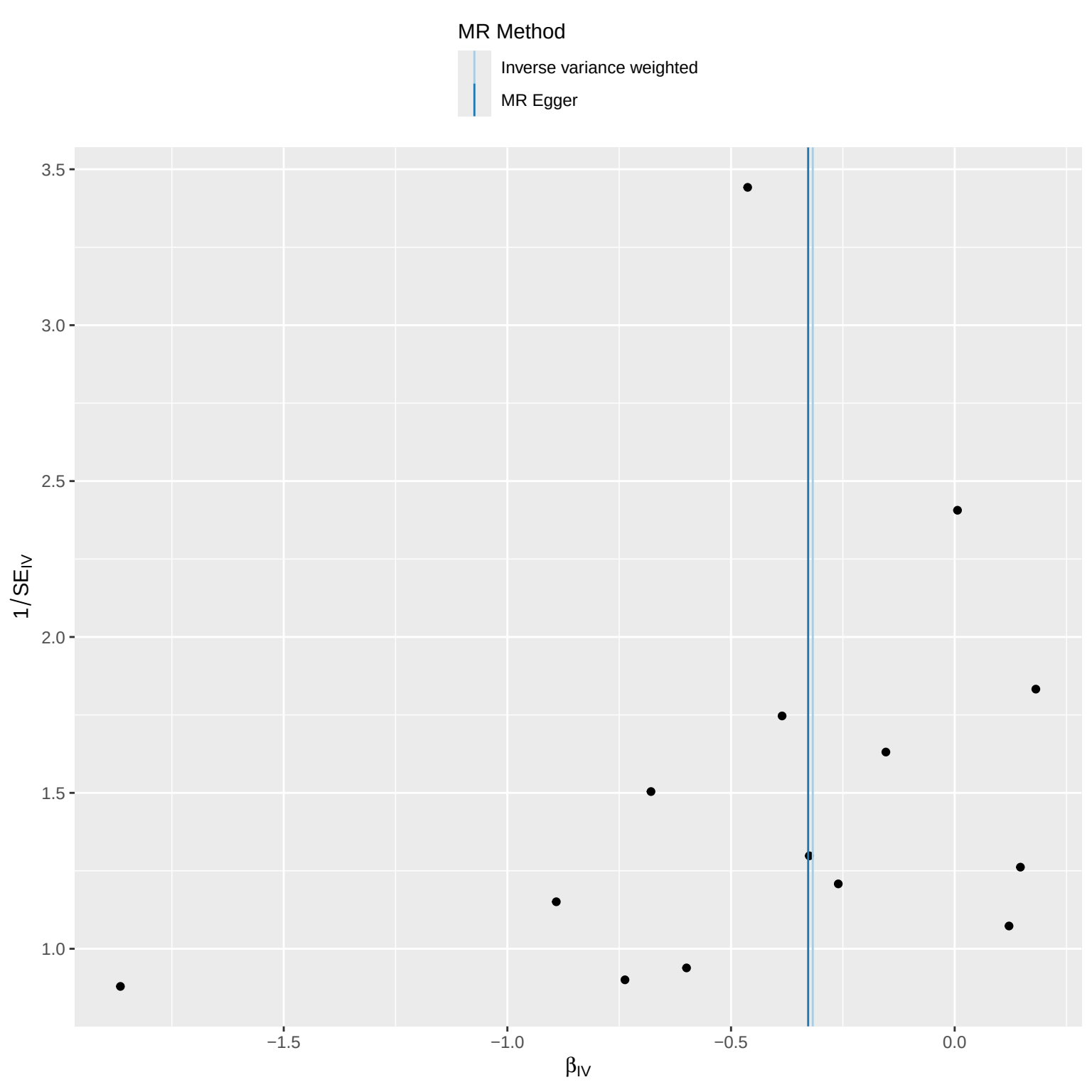

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

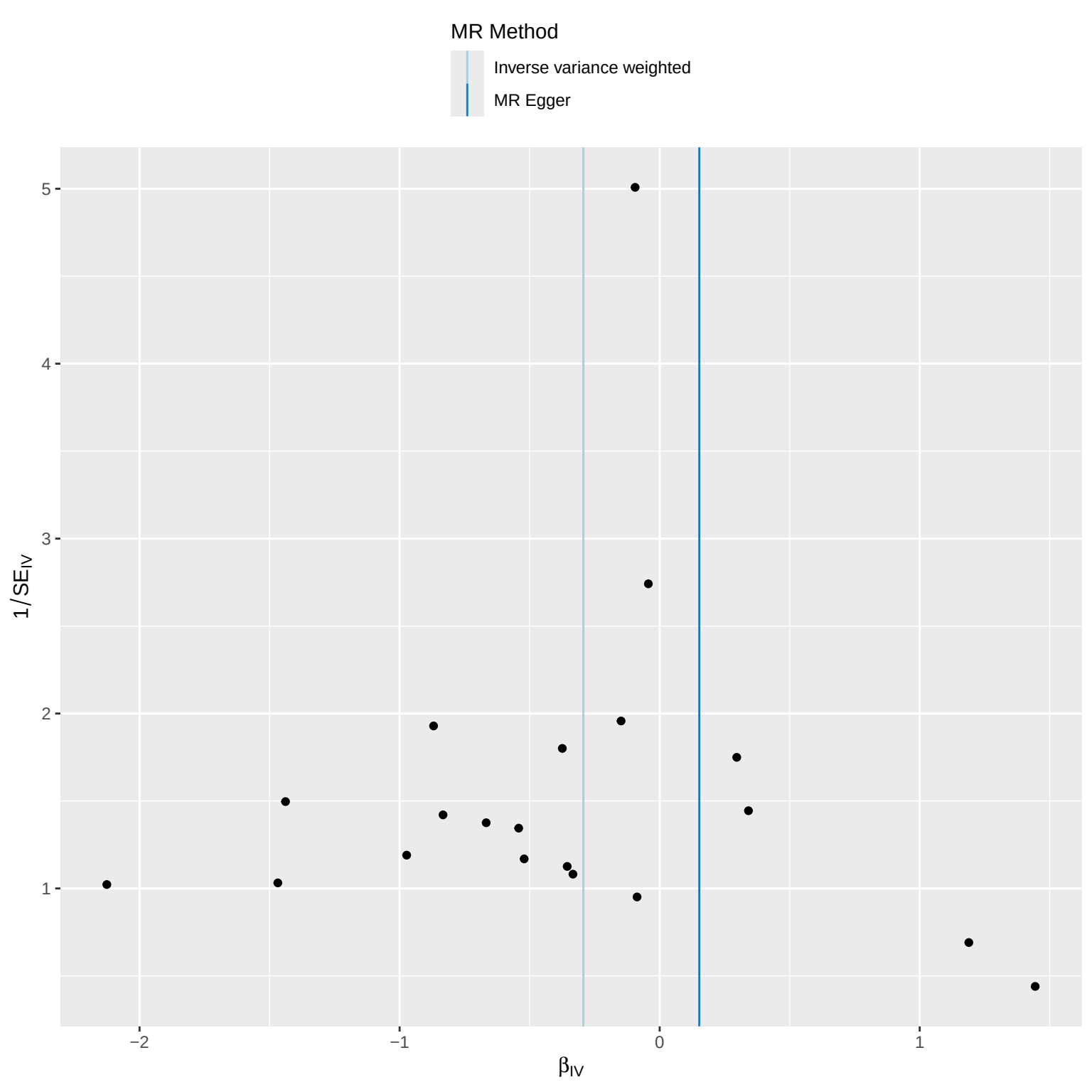

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

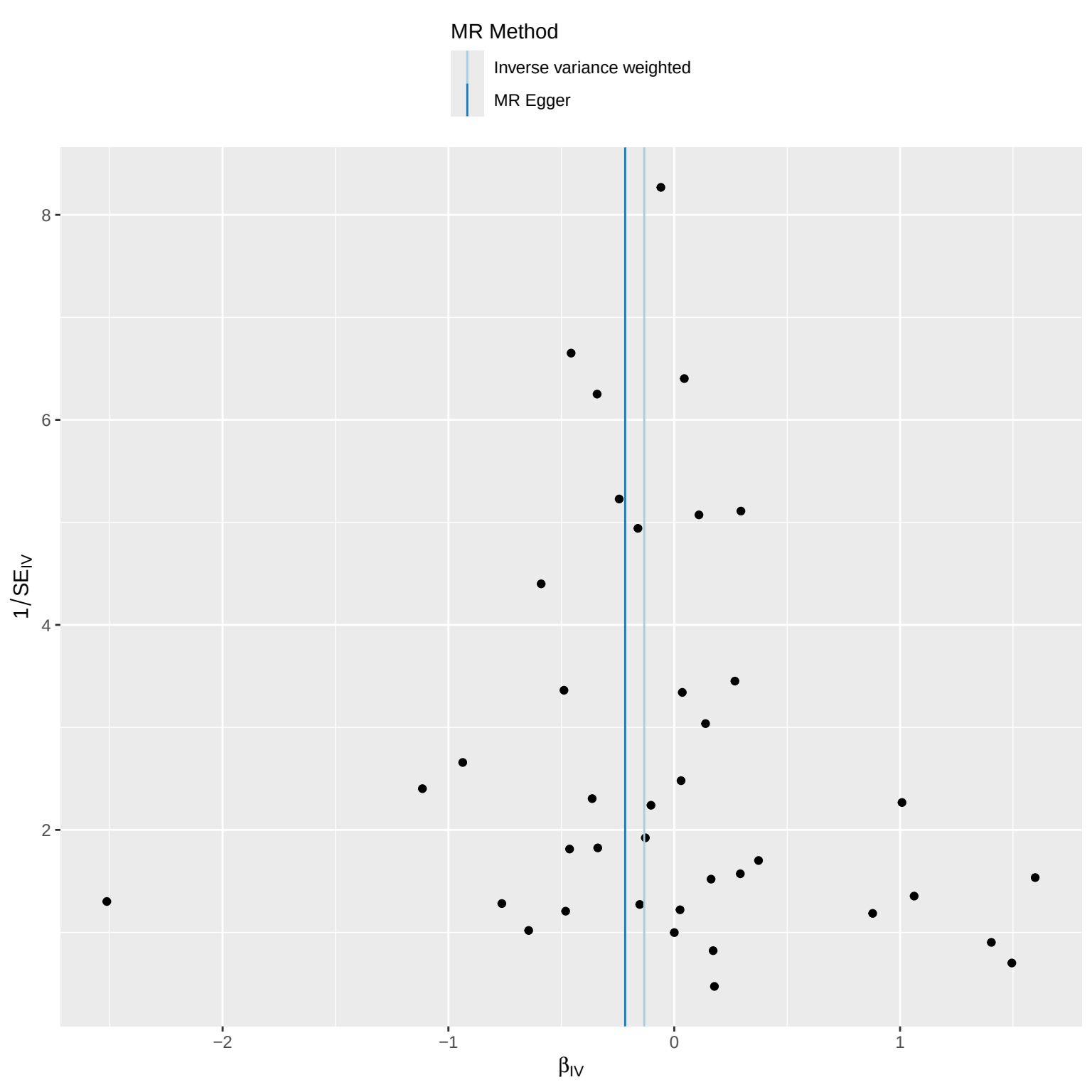

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

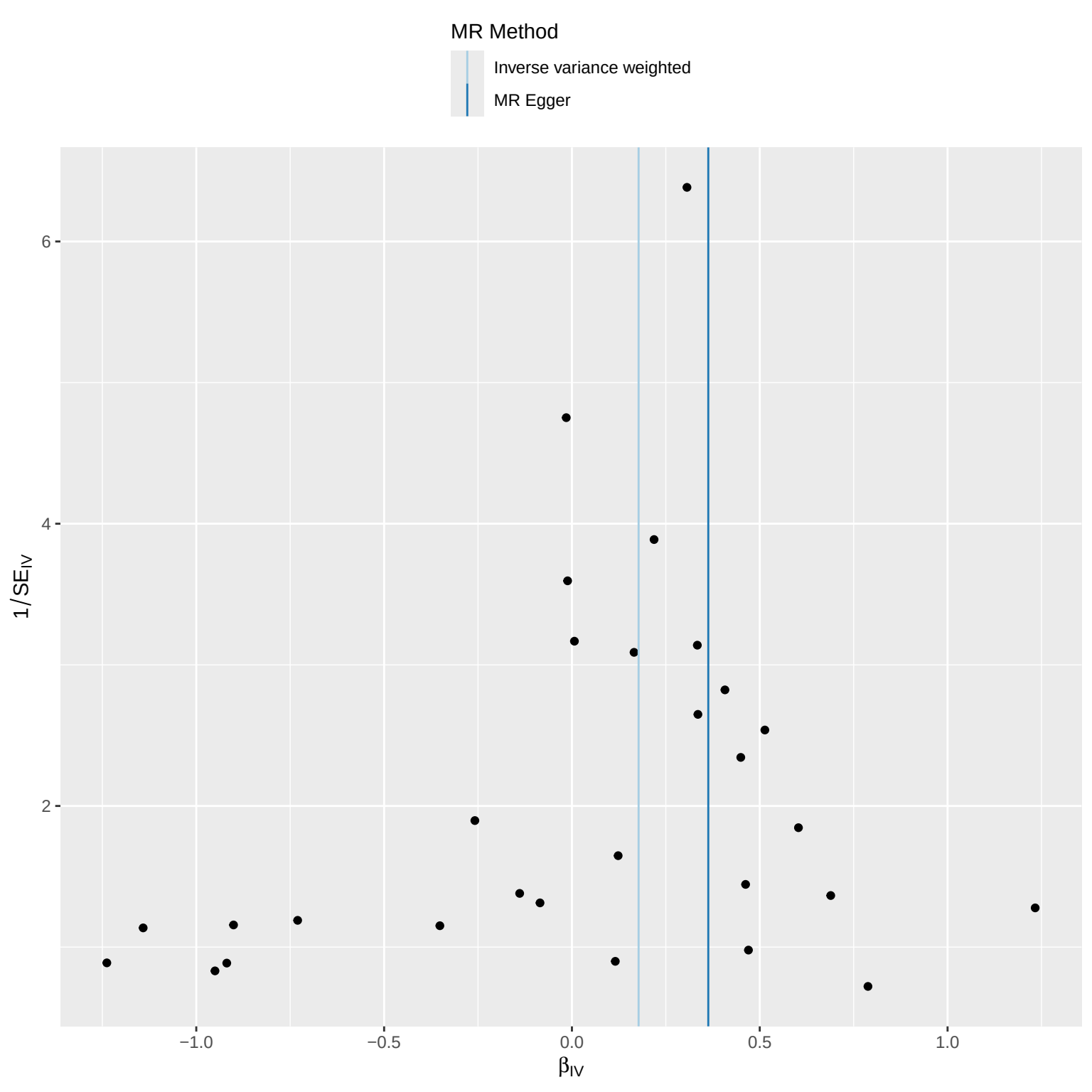

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

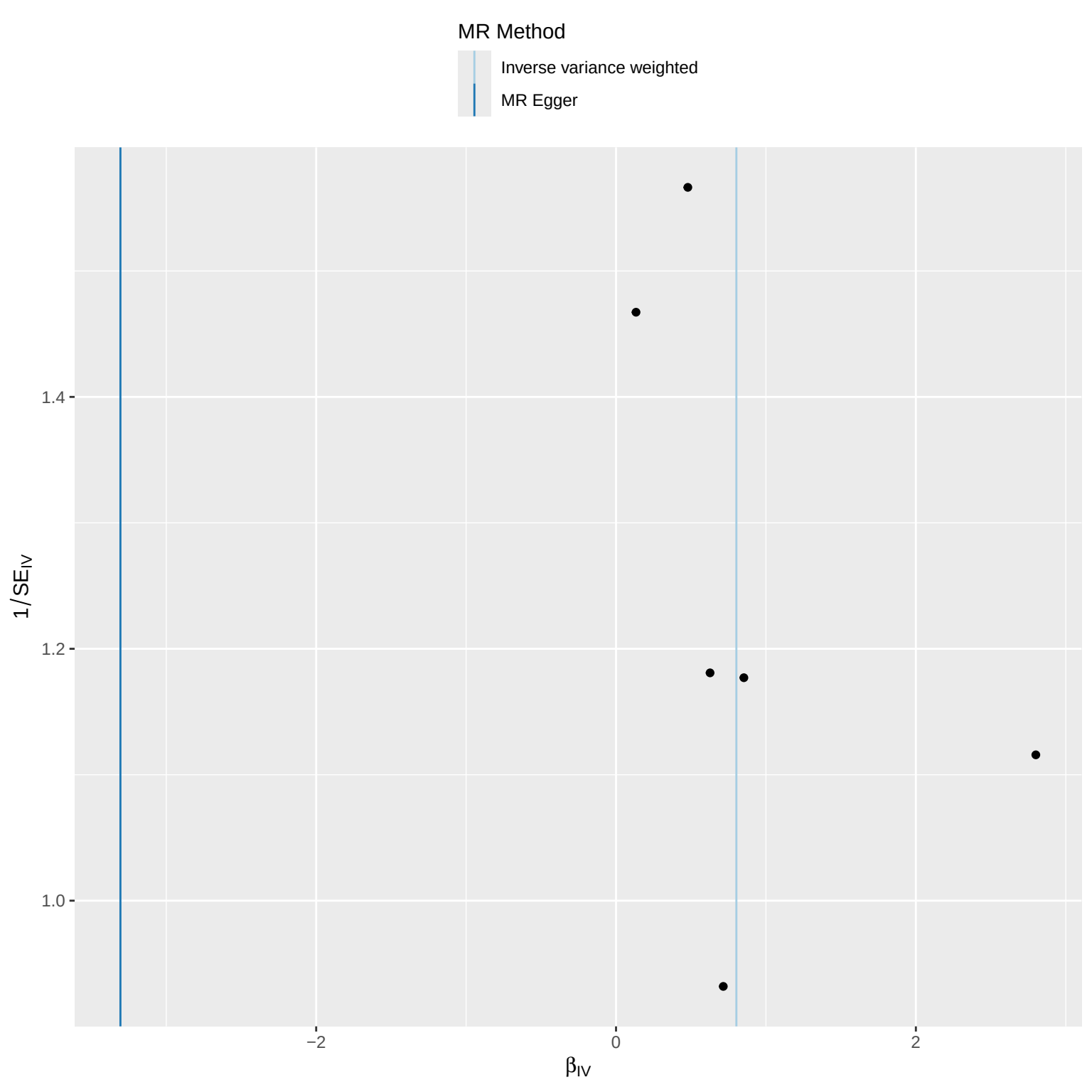

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

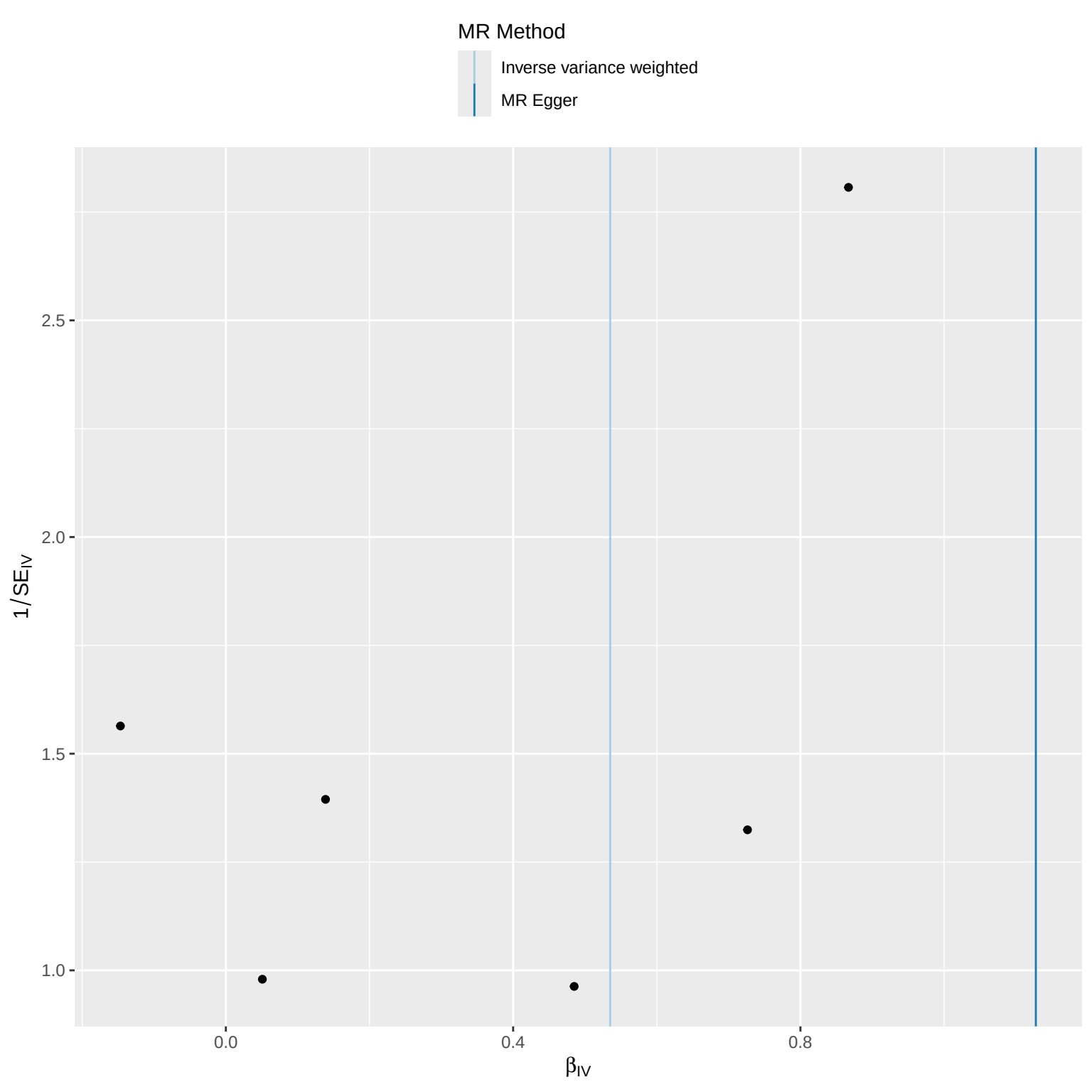

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

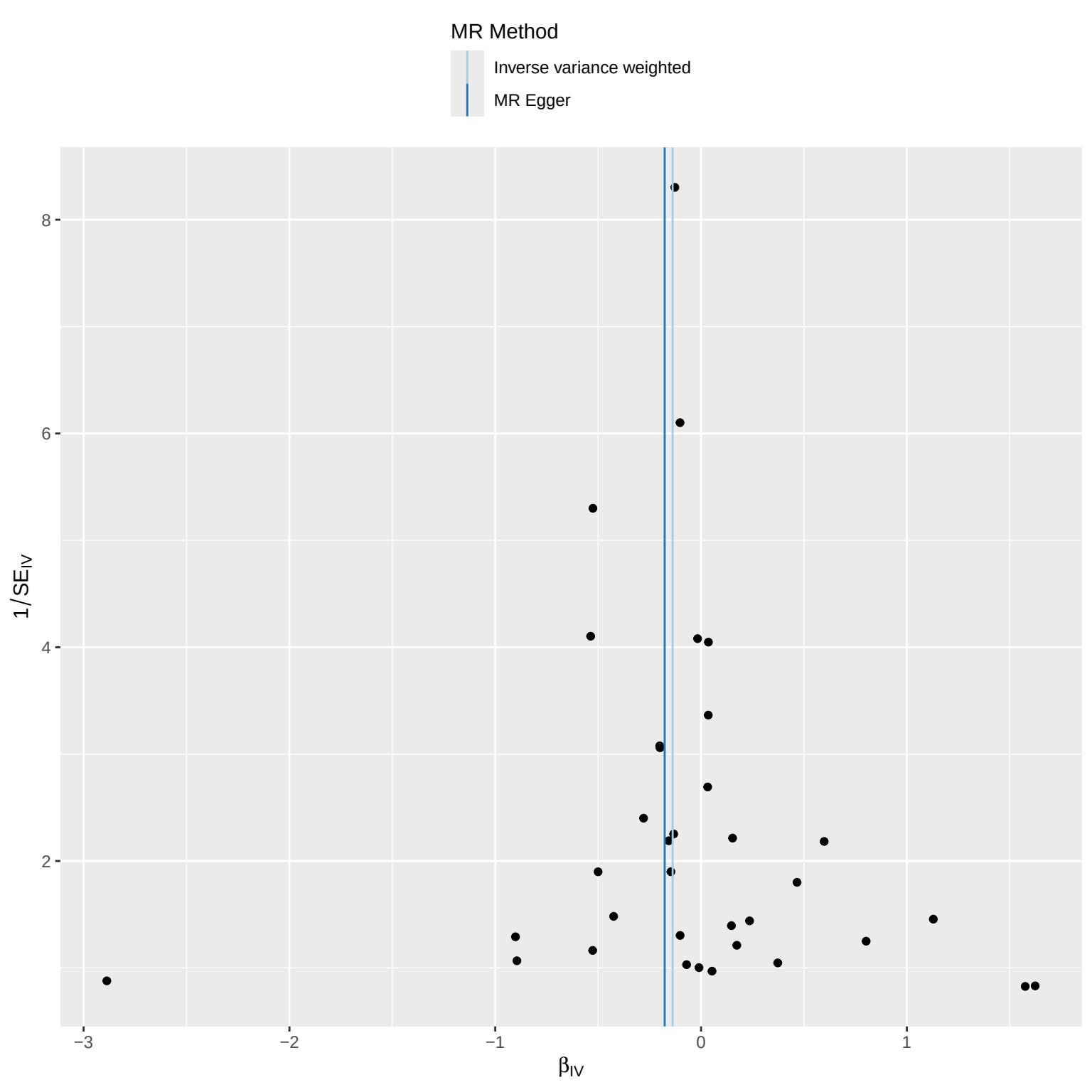

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

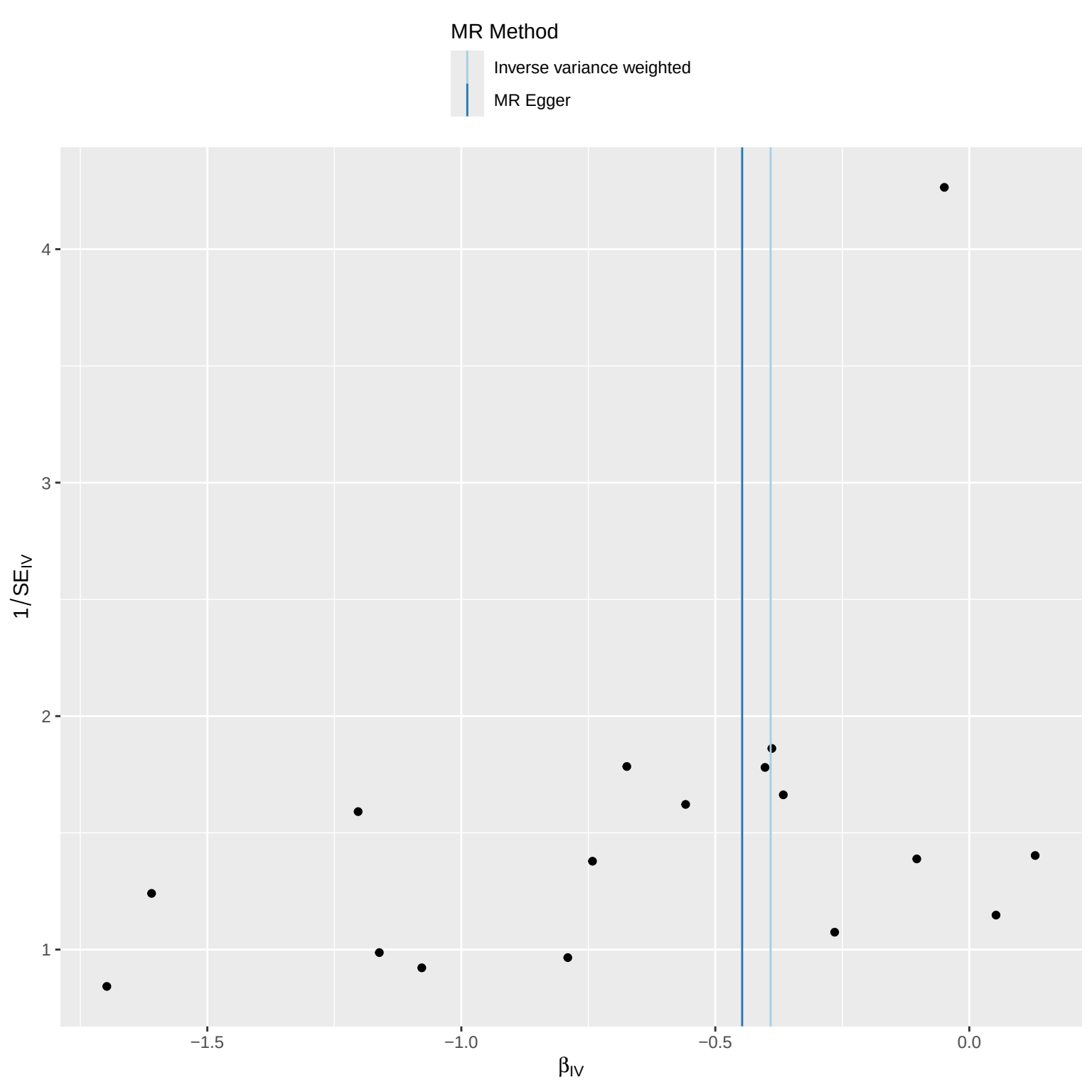

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

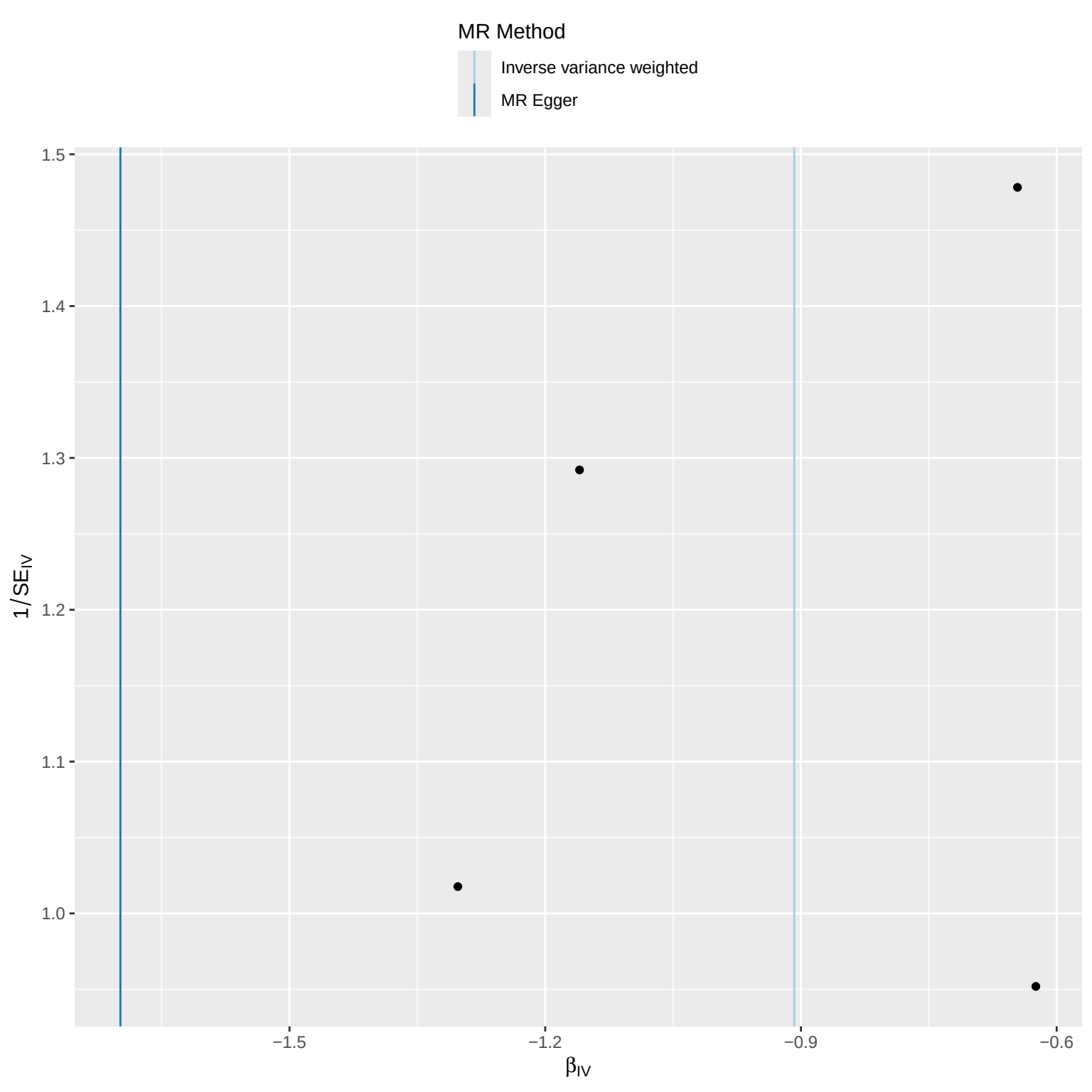

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

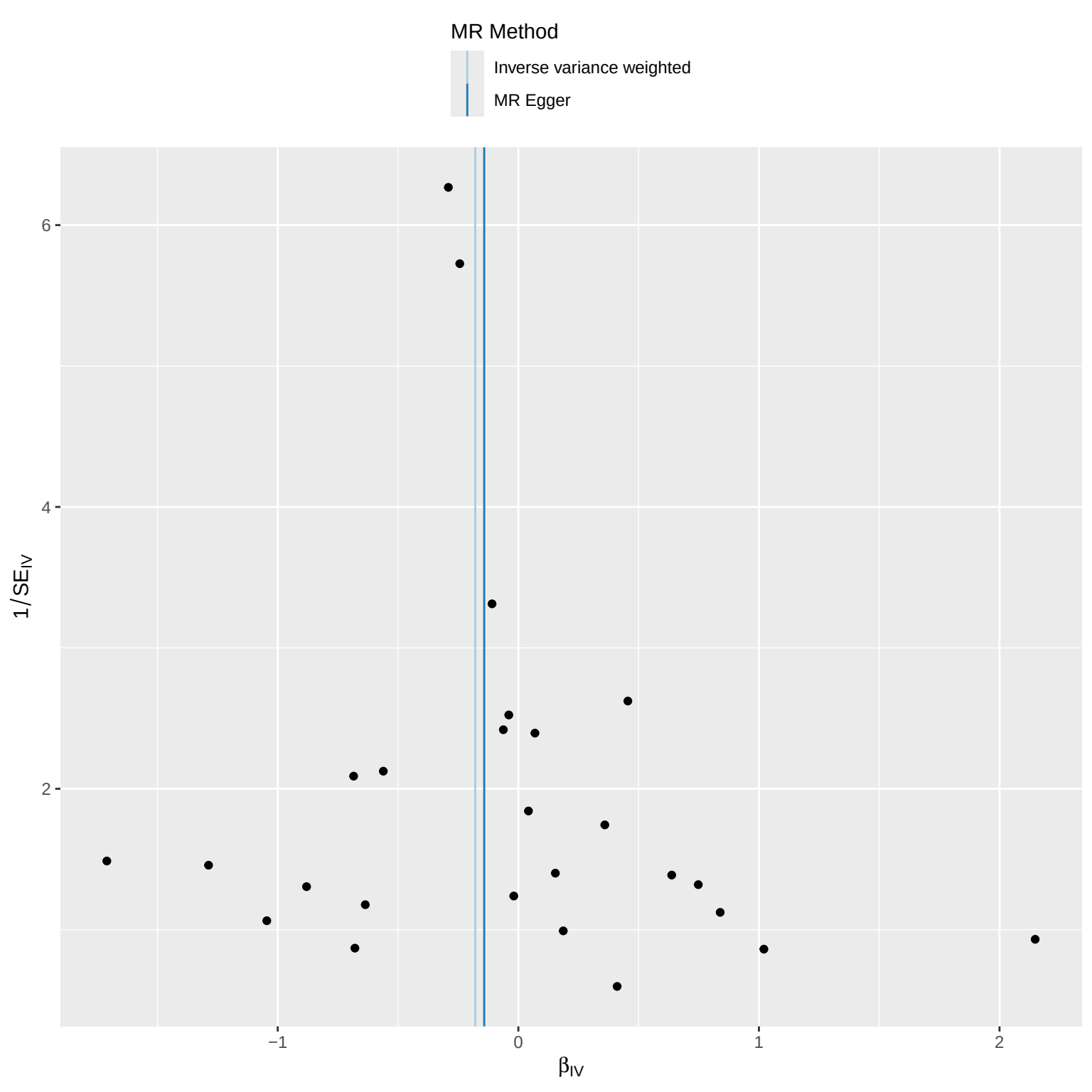

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
1/SE_IV
−2
0
2
β_IV

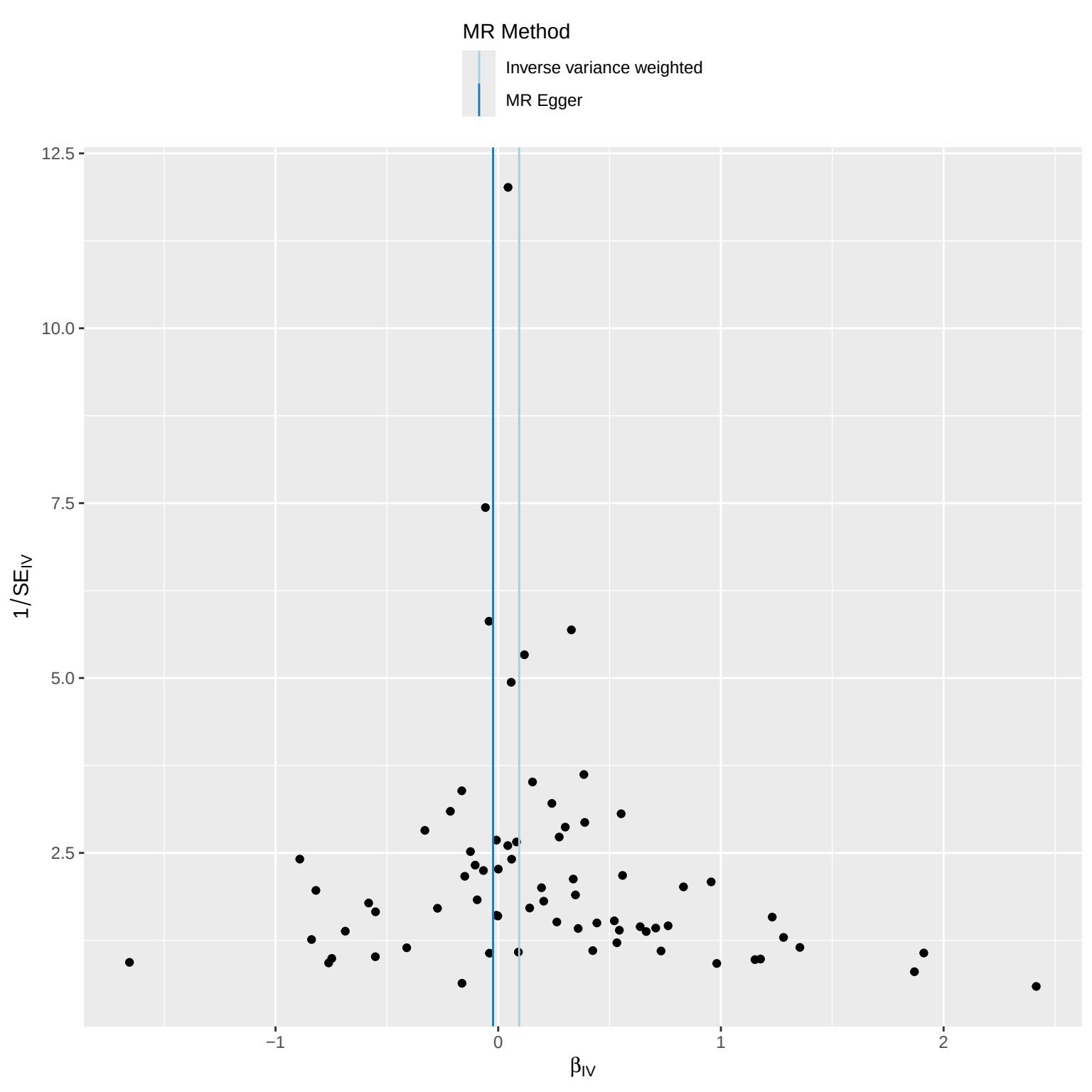

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.4
0.8
β_IV

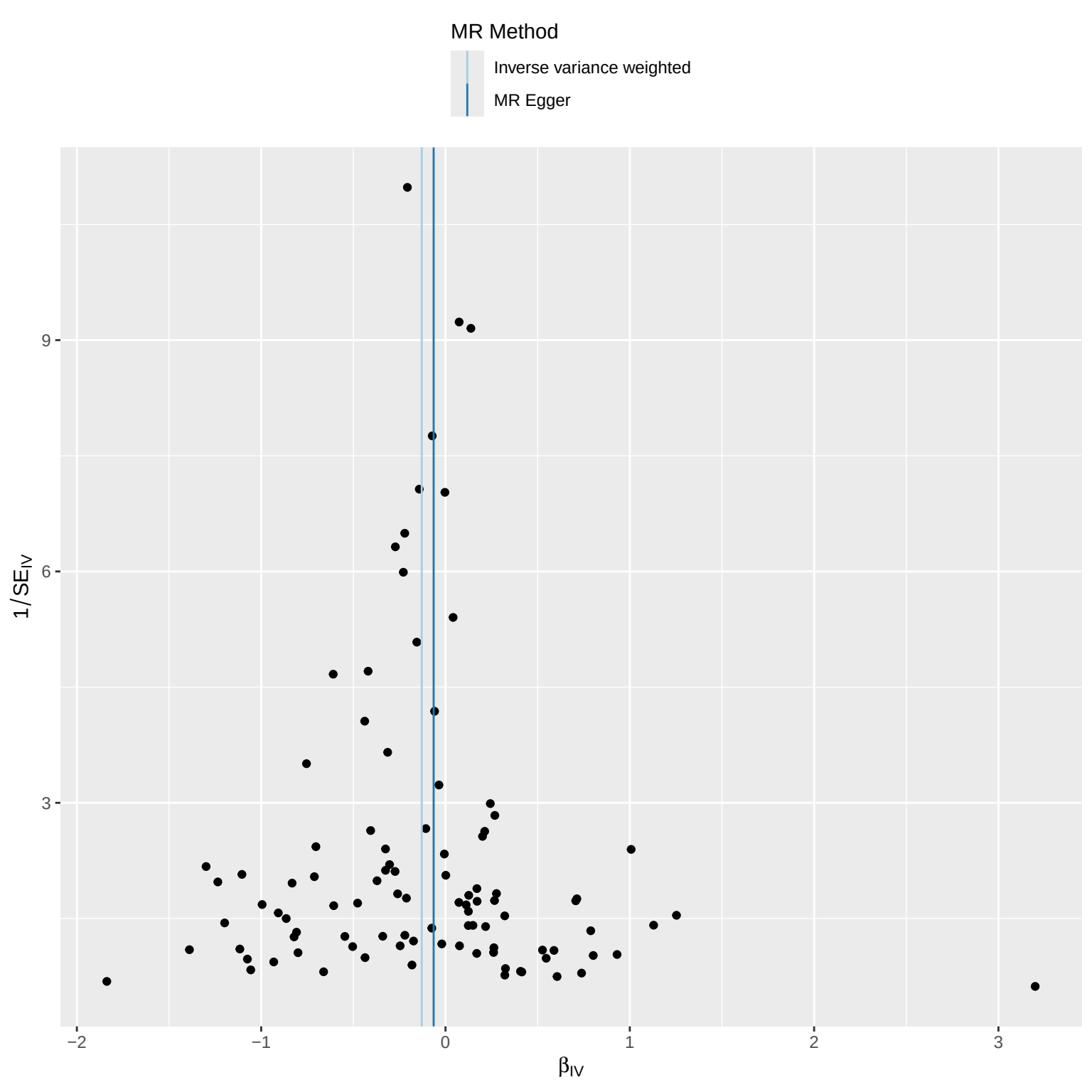

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

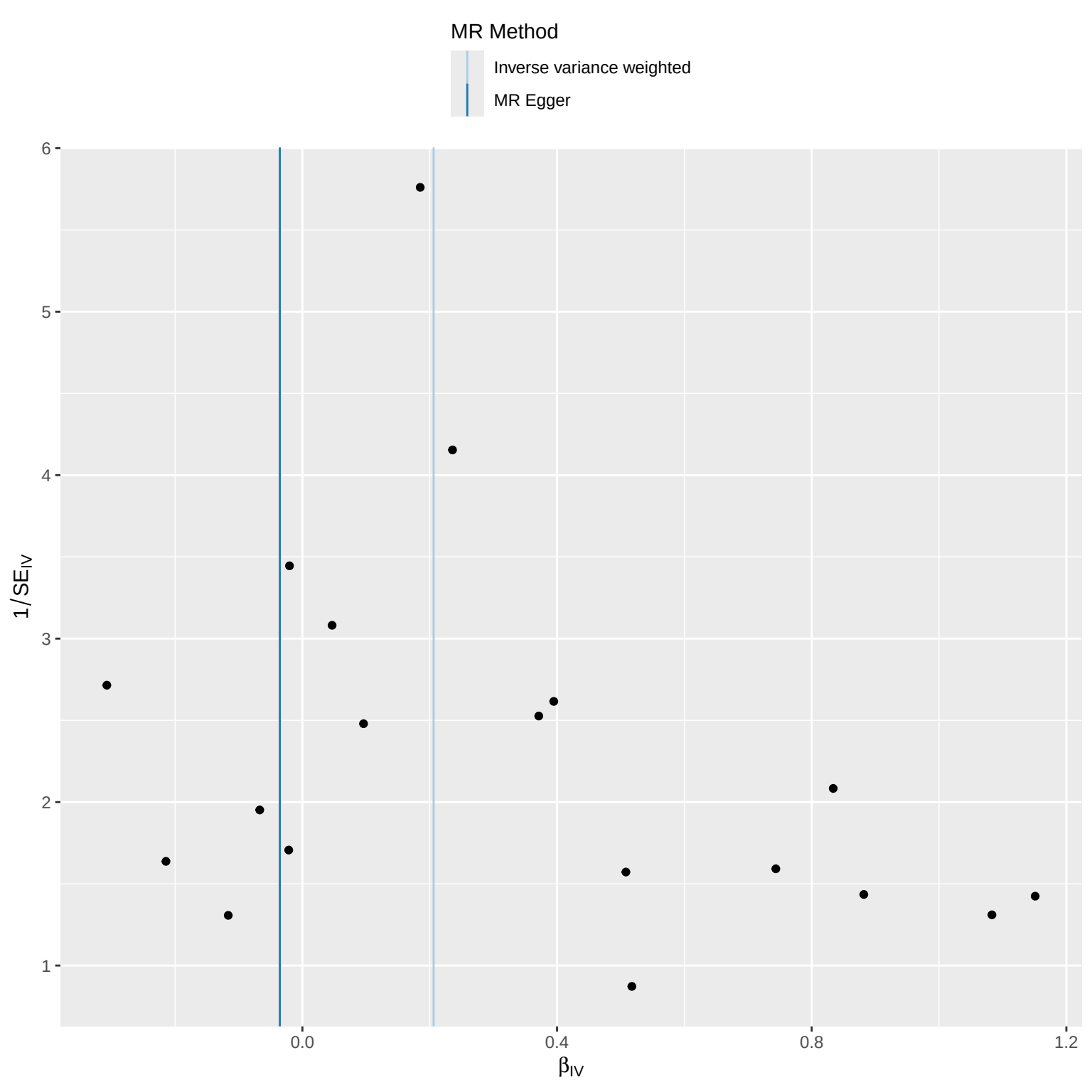

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

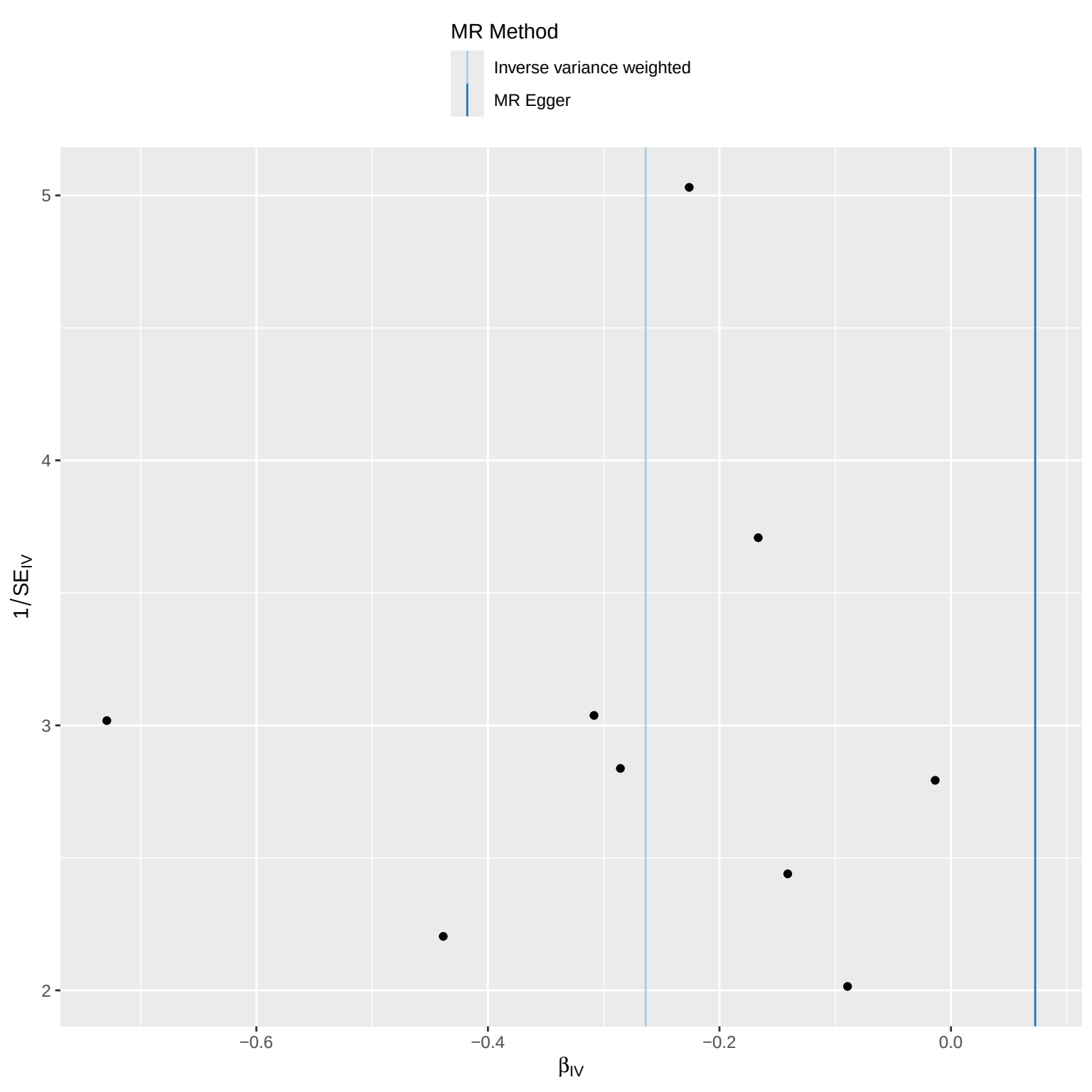

MR Method
Inverse variance weighted
MR Egger
1.5
1.4
1.3
1.2
1.1
1.0
1/SE_IV
−1.5
−1.2
−0.9
−0.6
β_IV

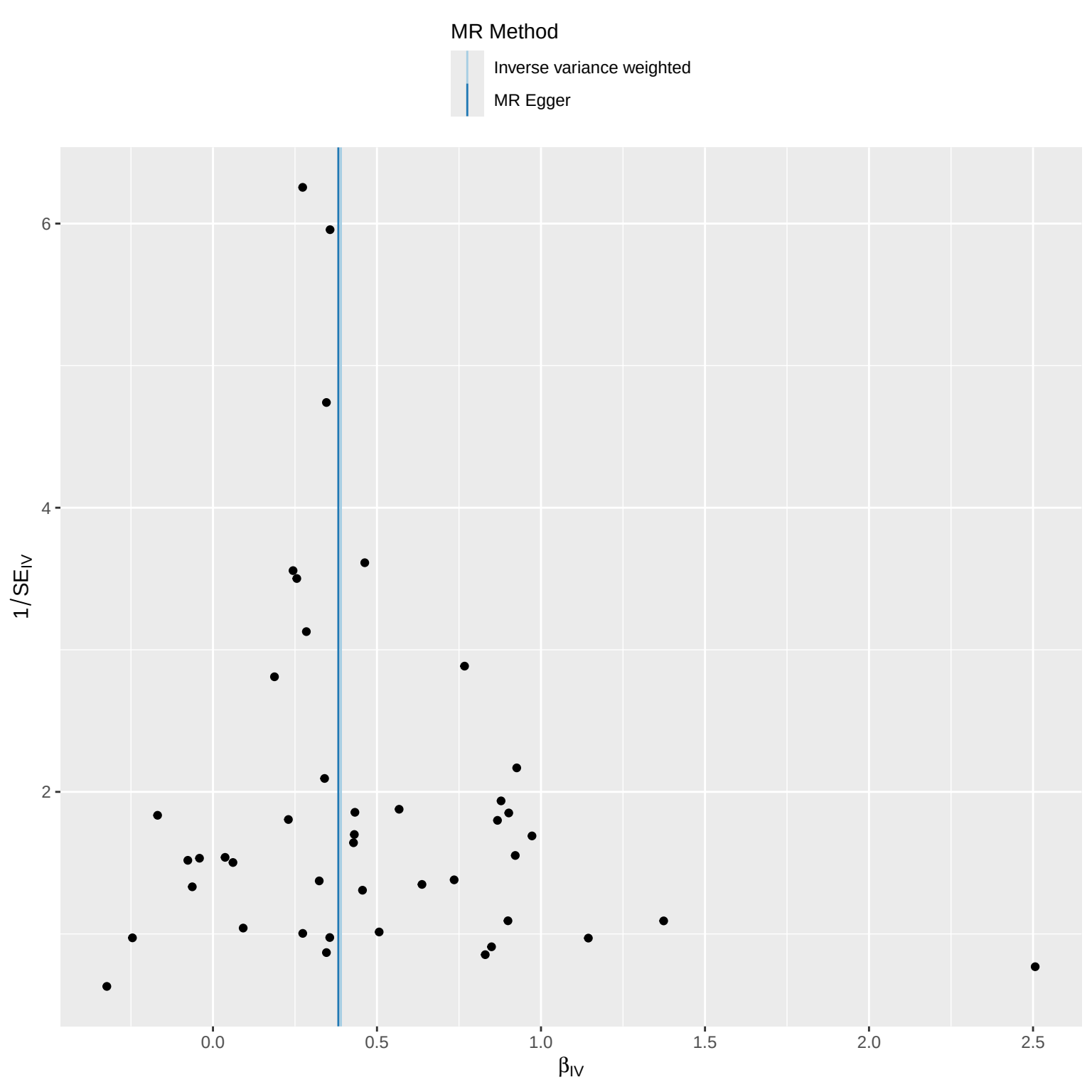

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

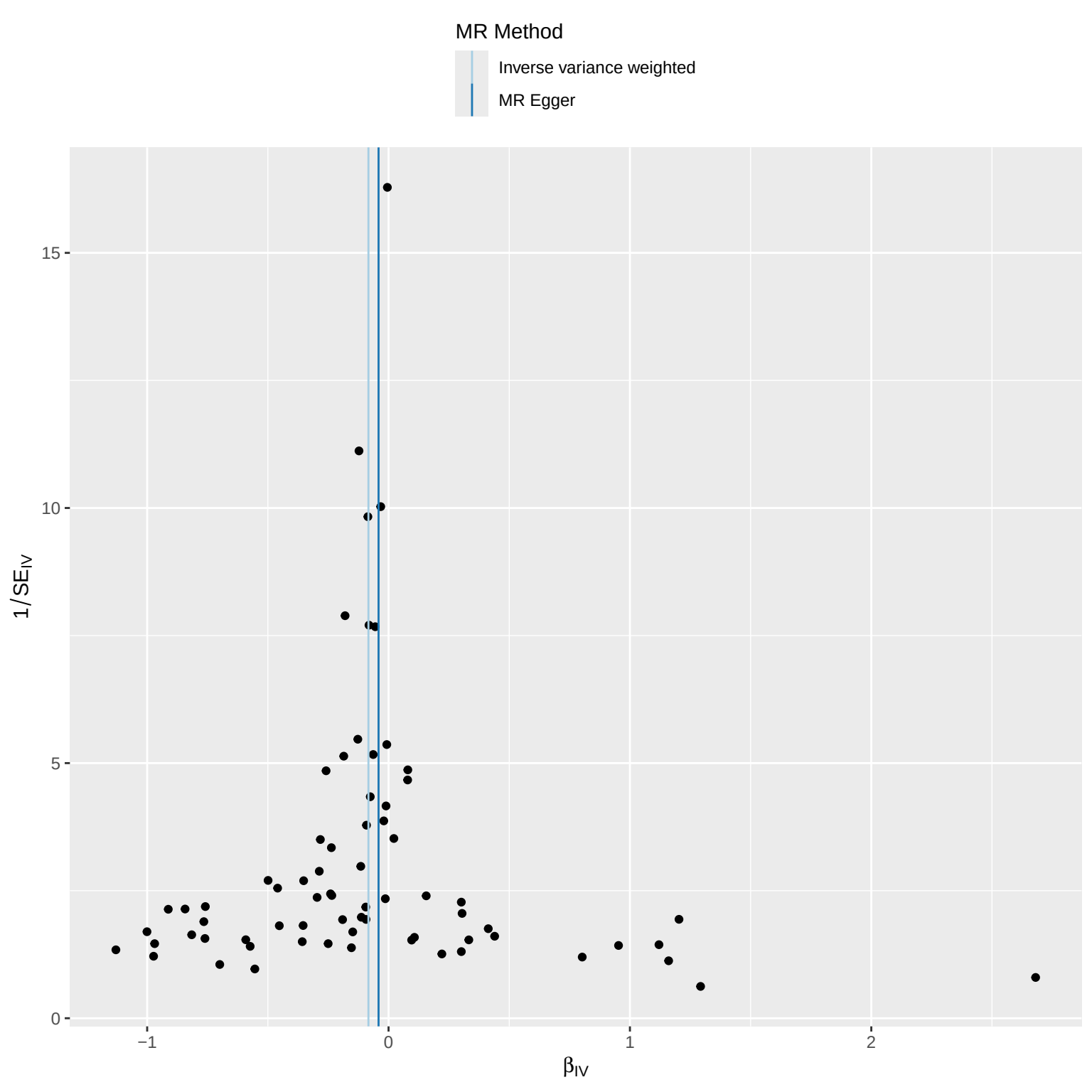

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

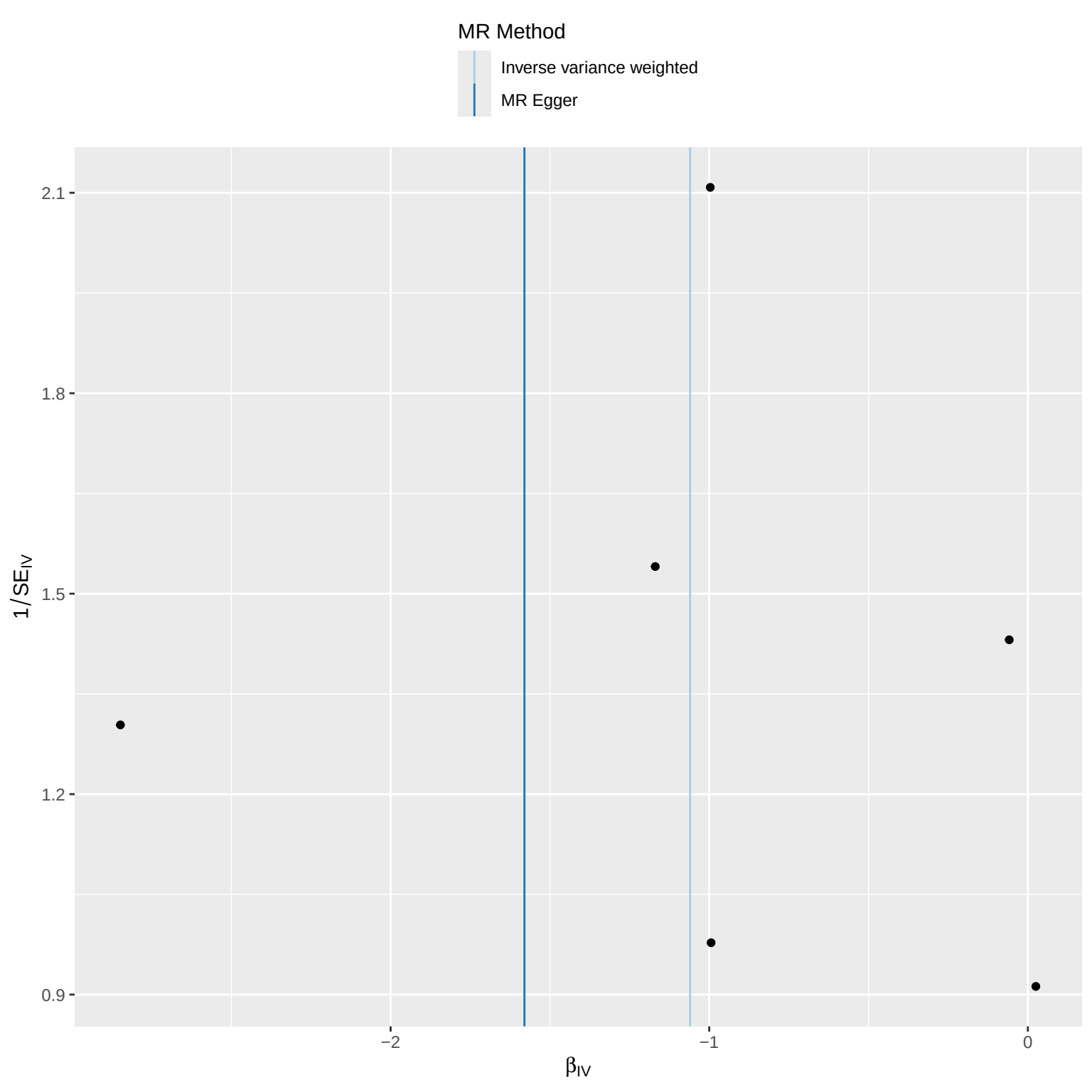

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−2
−1
0
1
2
3
β_IV

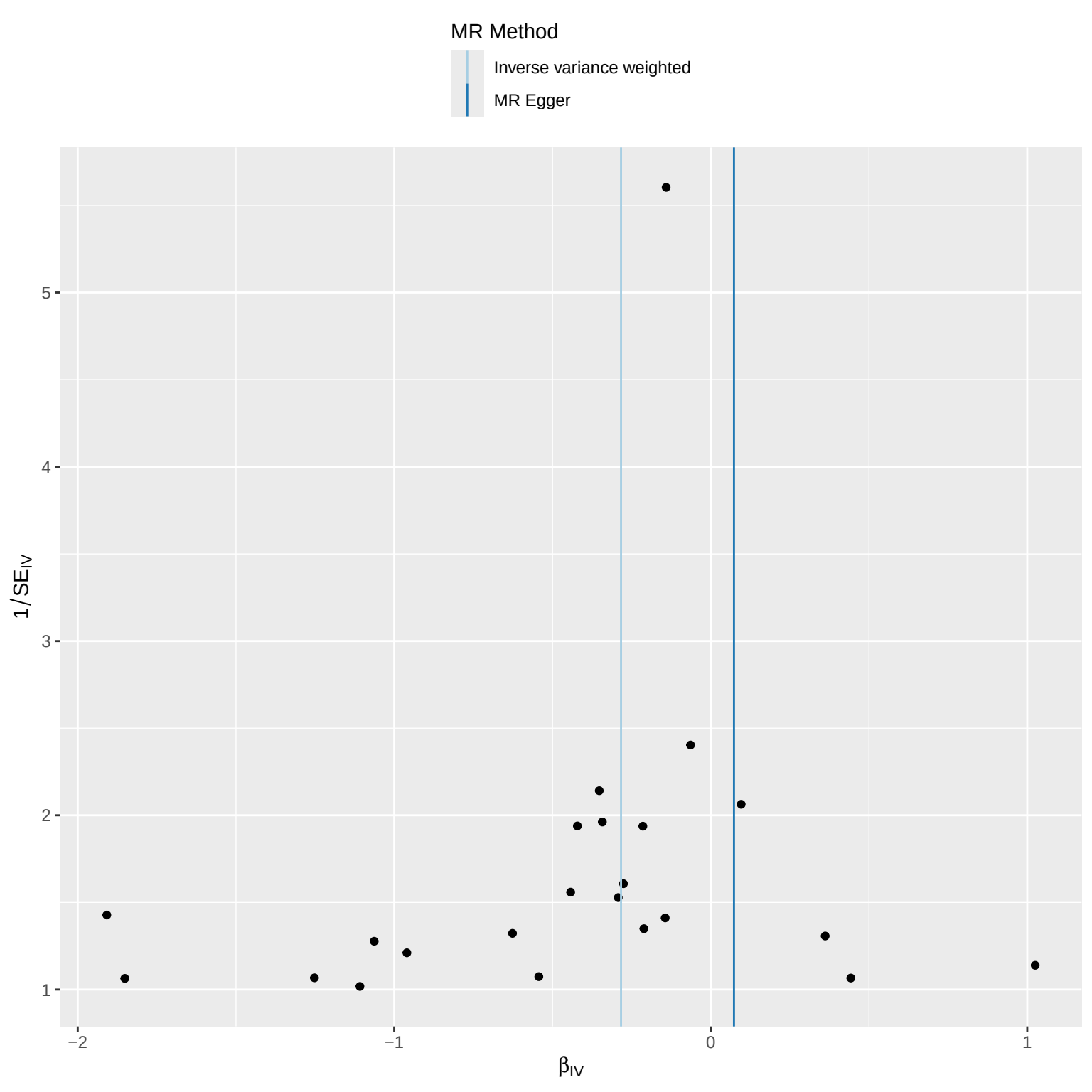

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

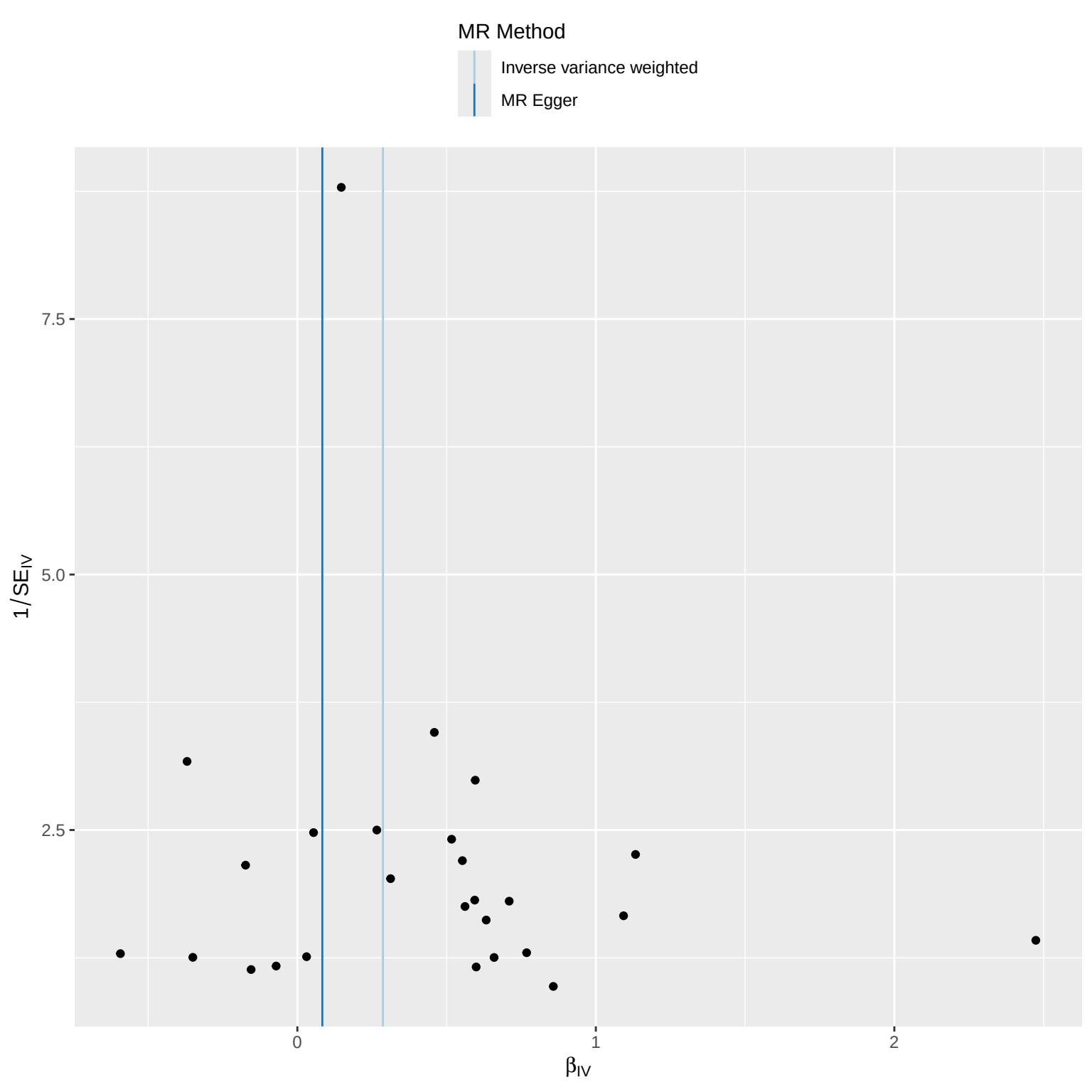

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

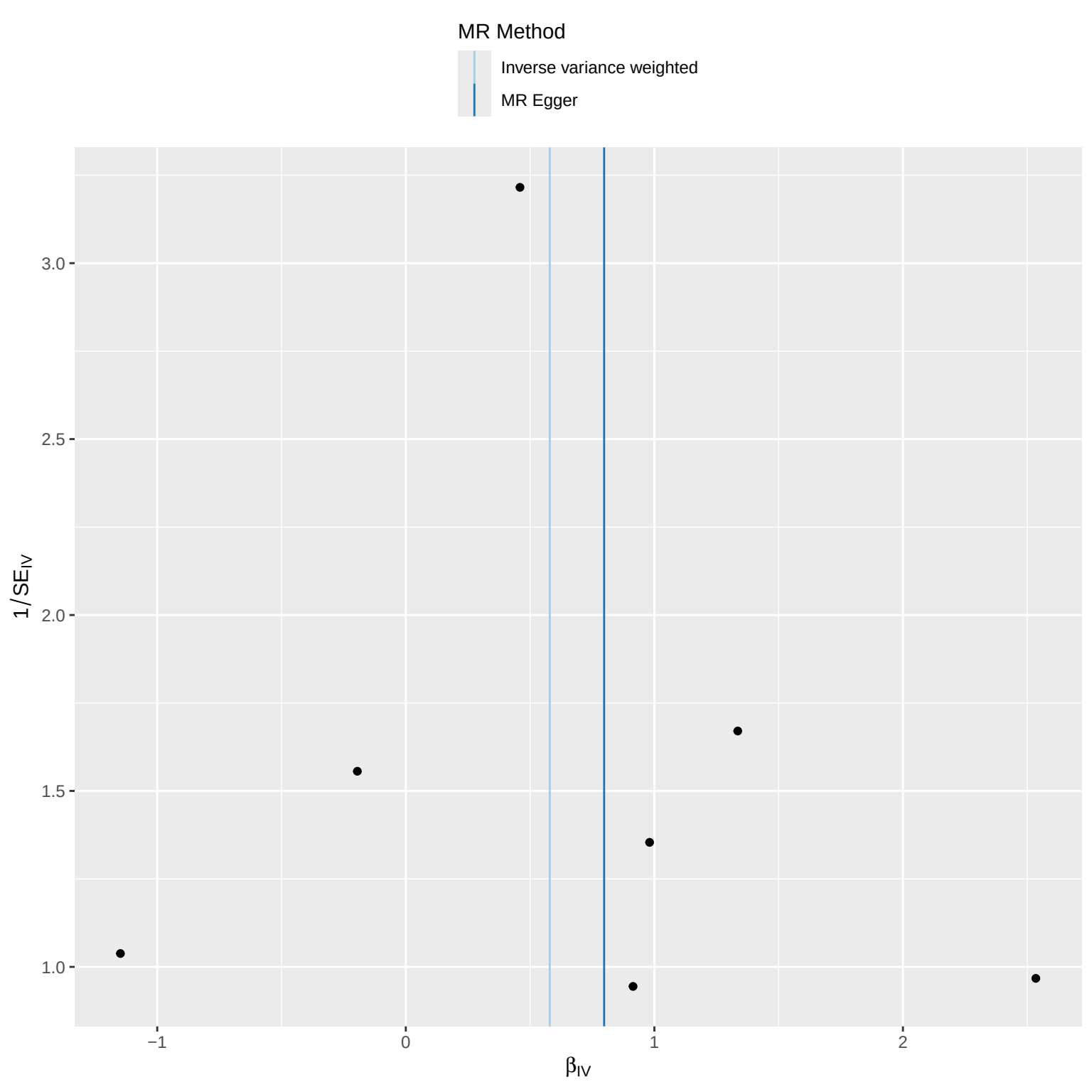

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

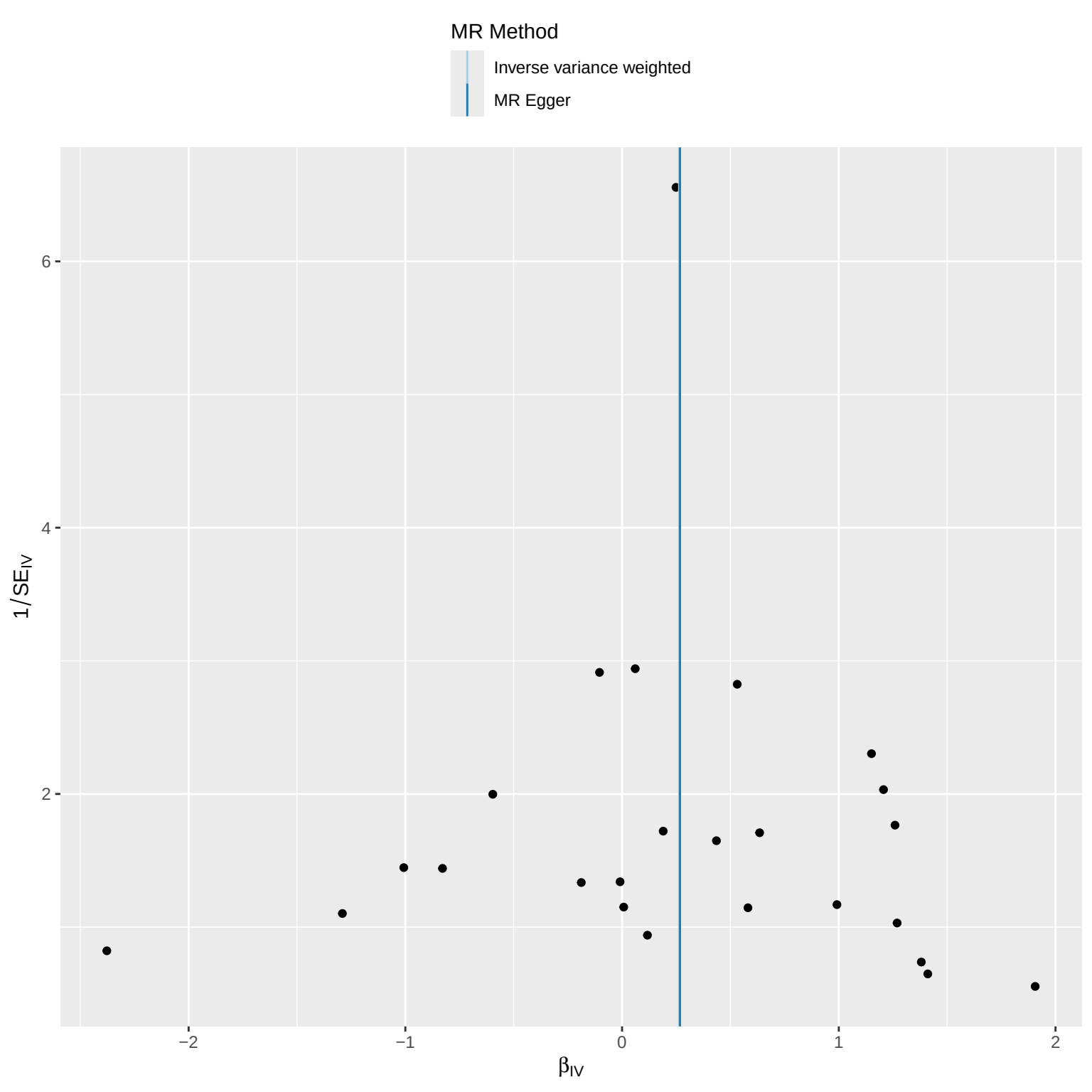

MR Method
Inverse variance weighted
MR Egger
15
10
5
0
1/SE_IV
−1
0
1
2
β_IV

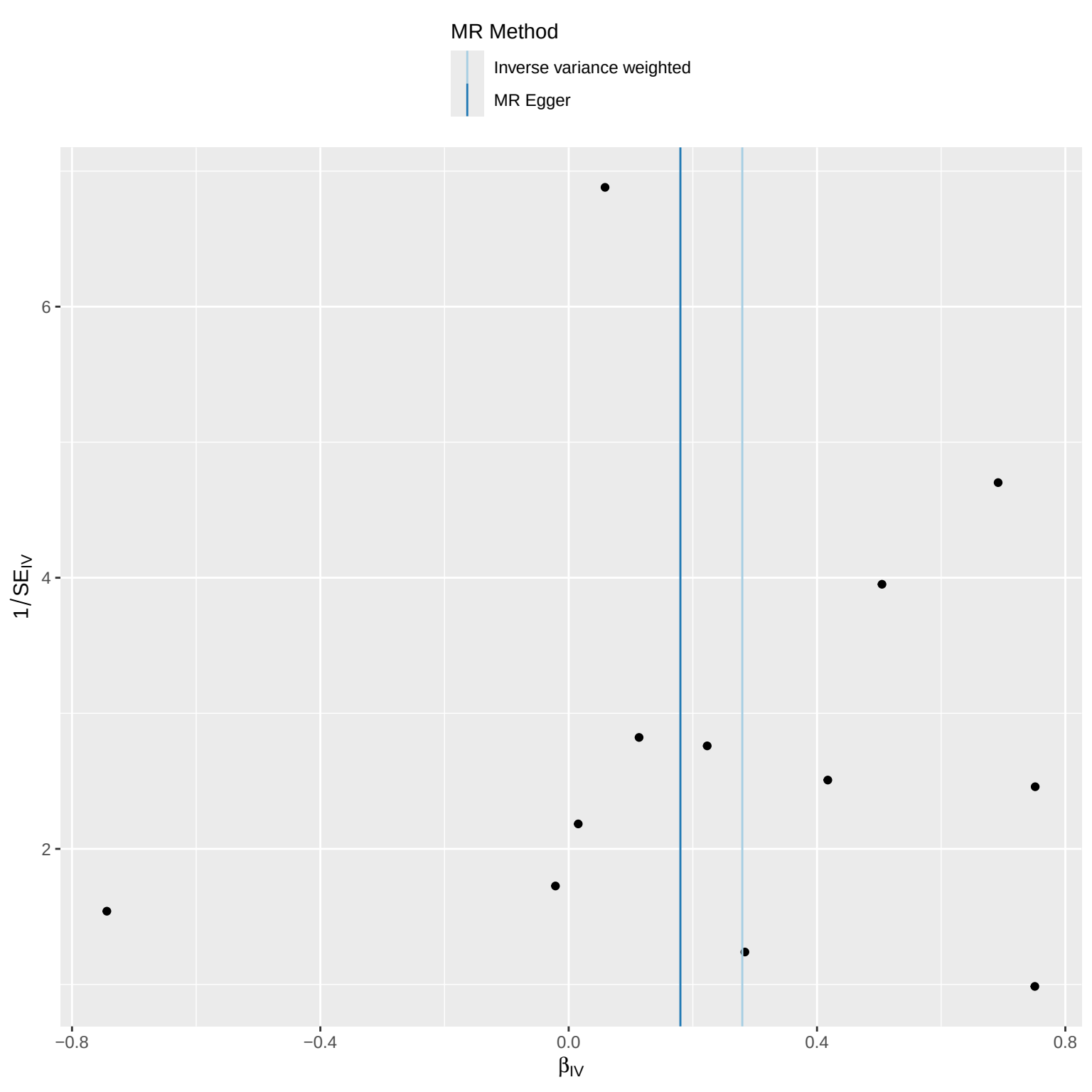

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
−2
−1
0
β_IV

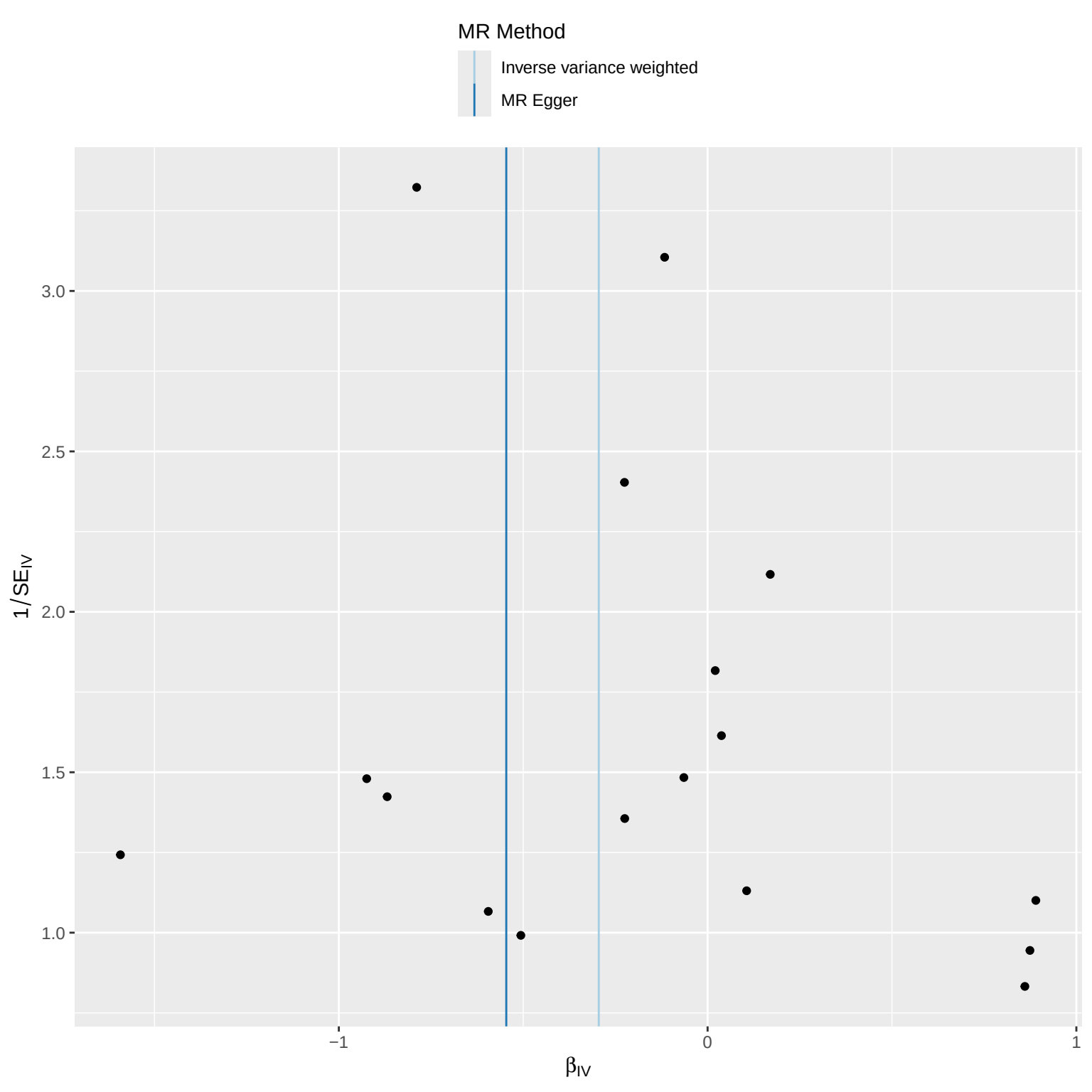

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

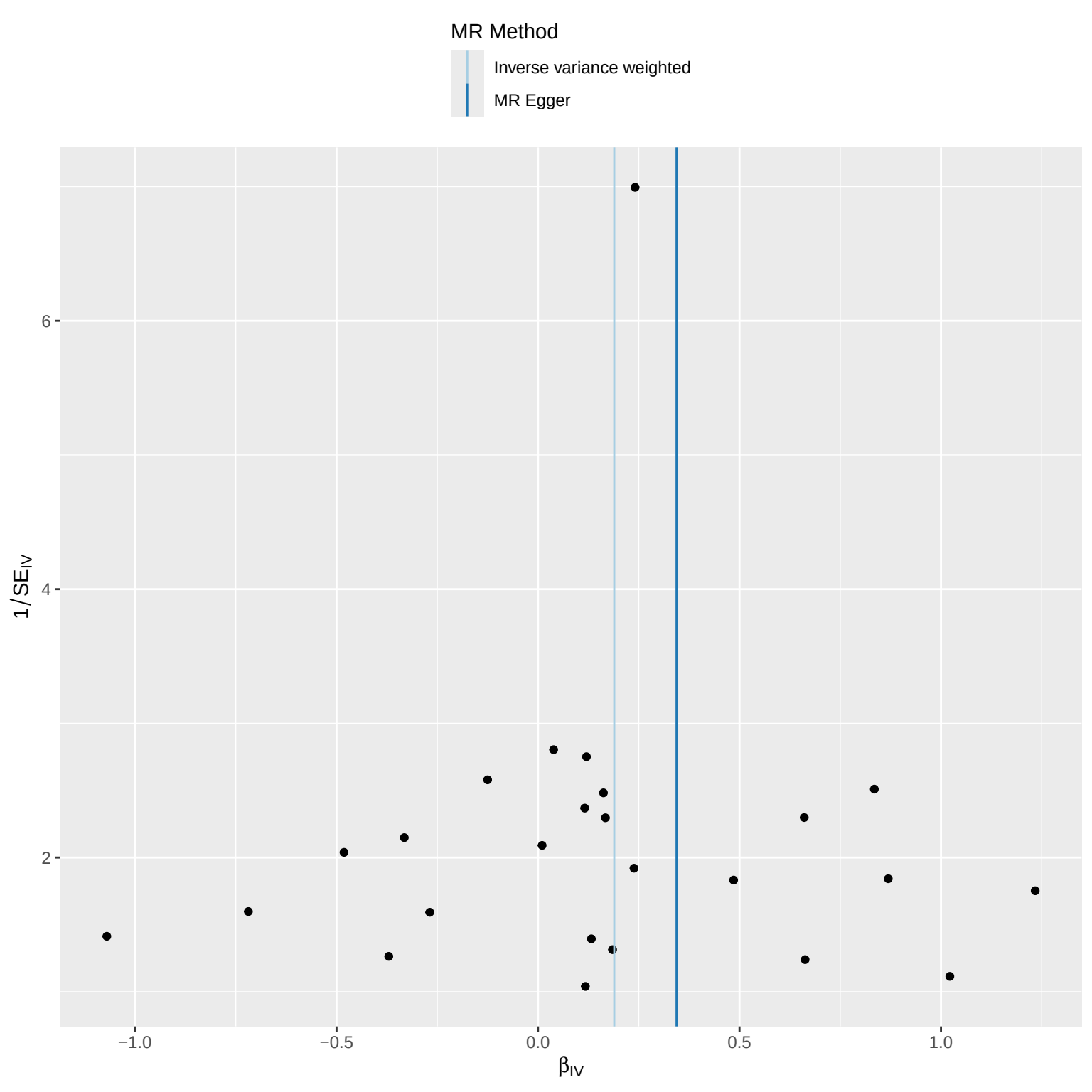

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
0
1
2
β_IV

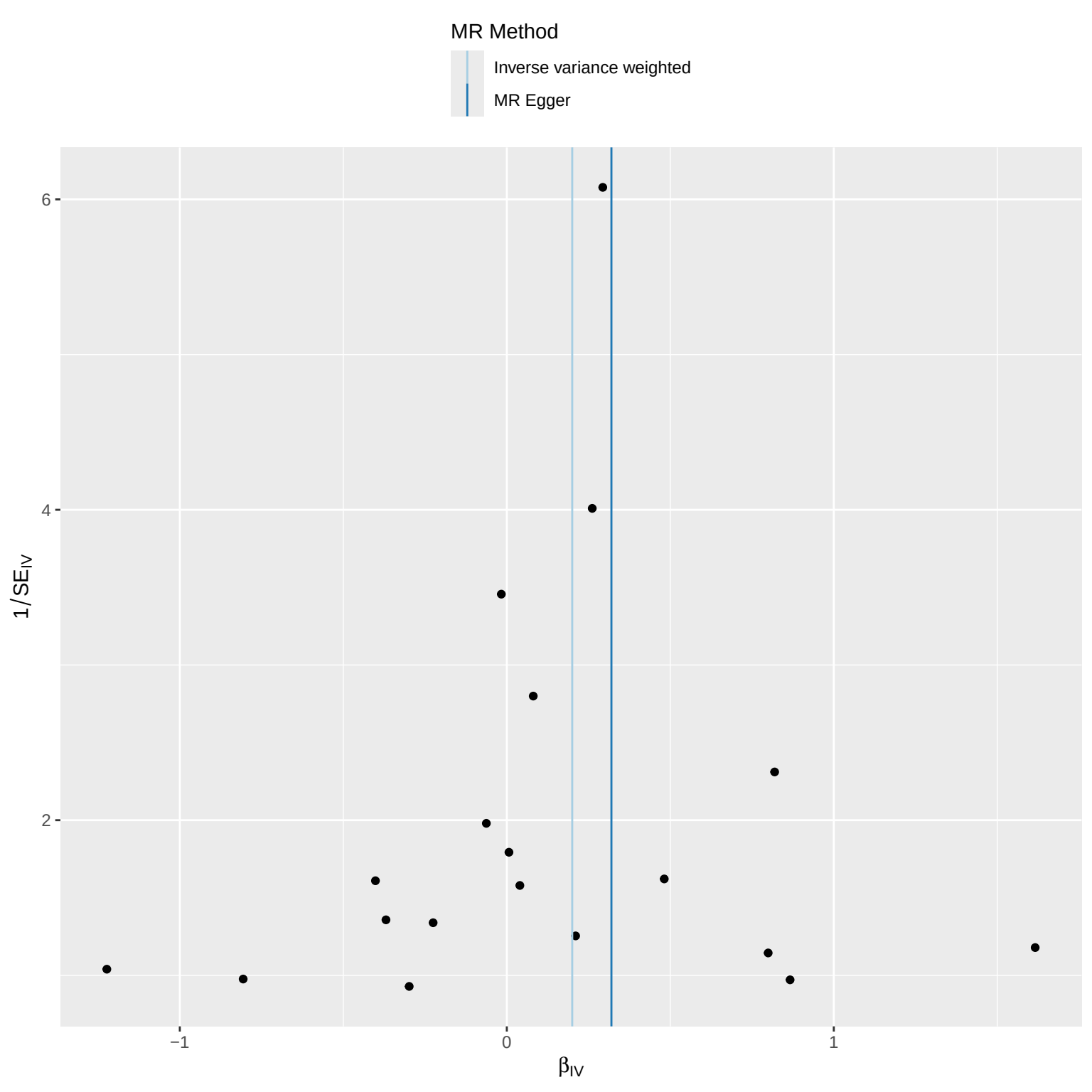

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

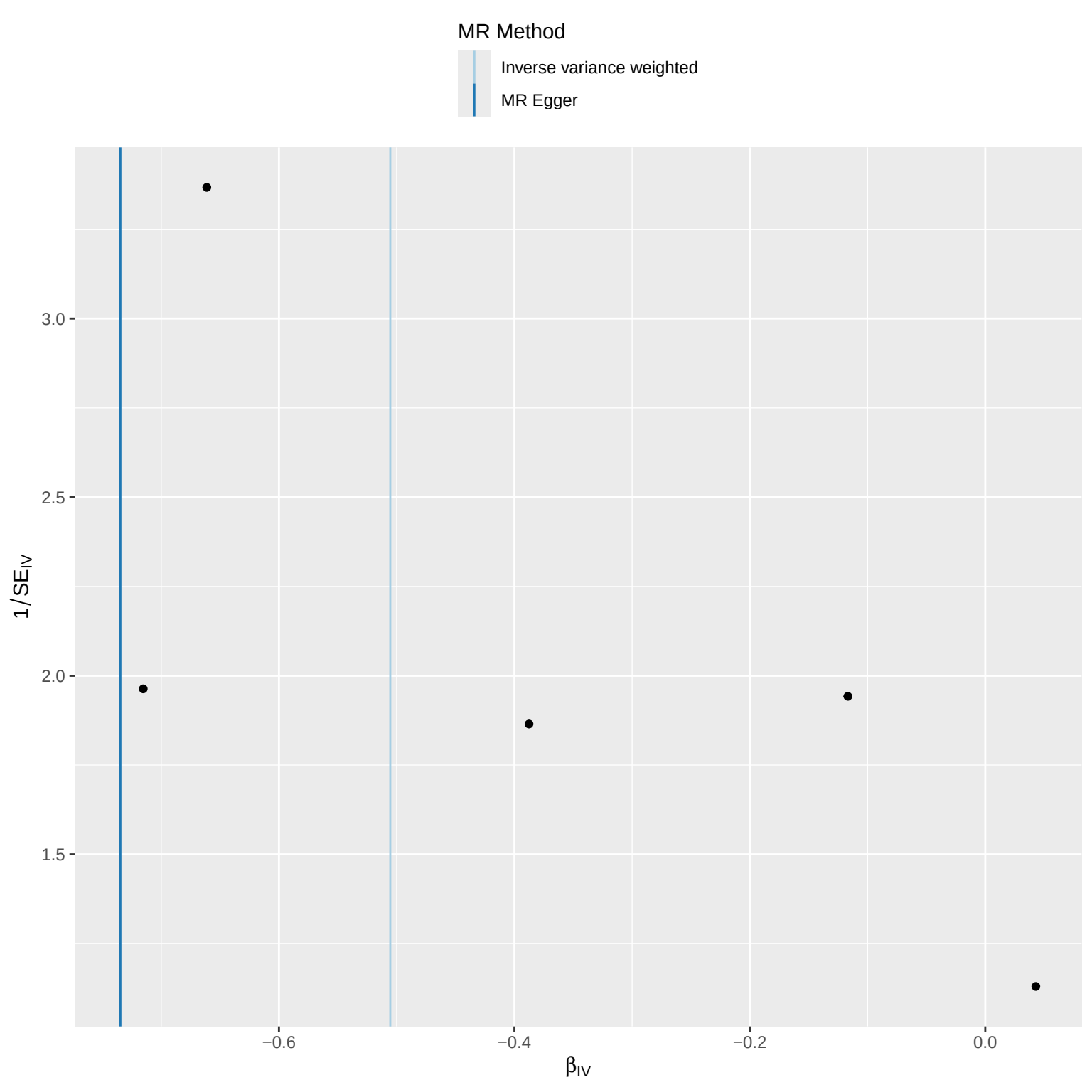

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

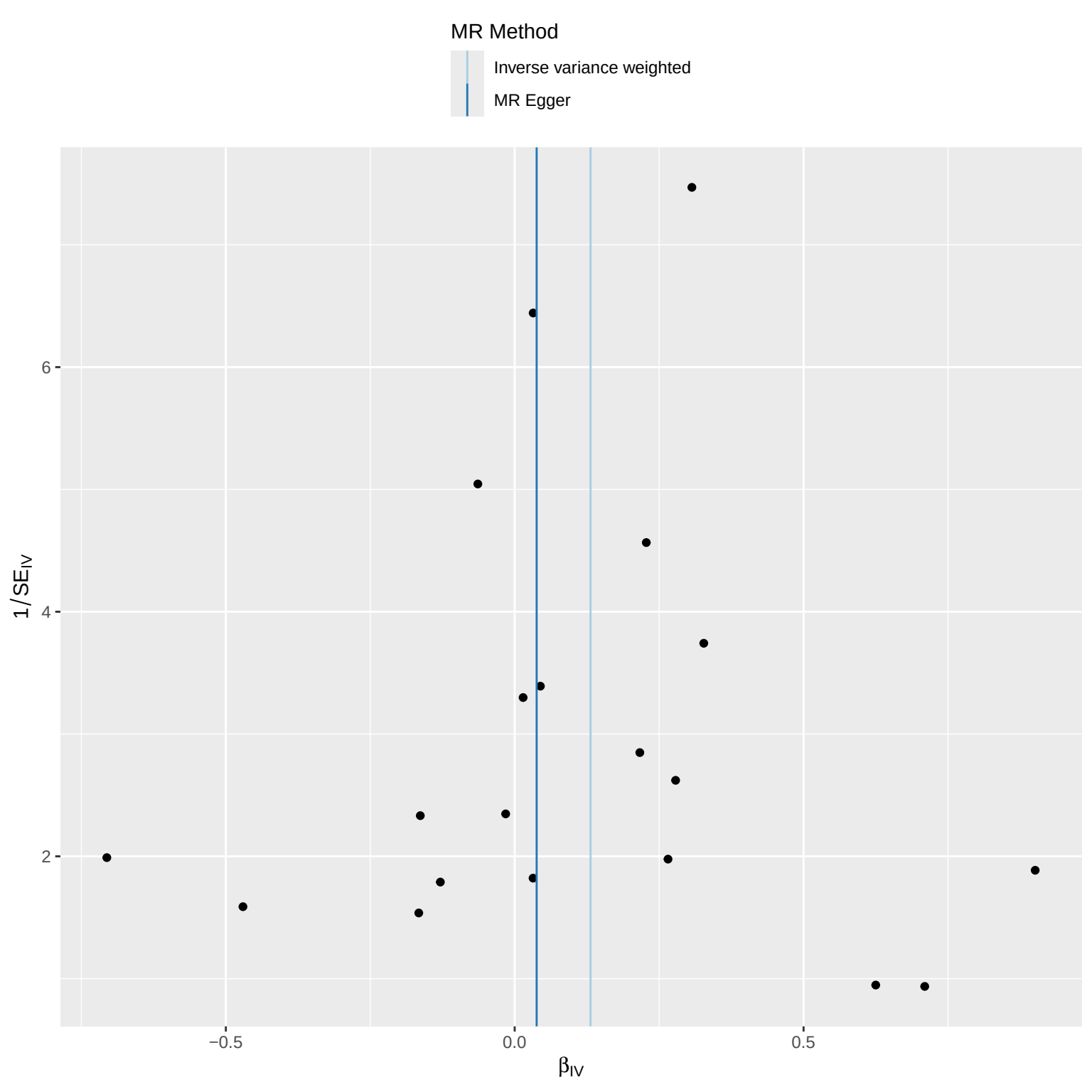

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.8
−0.4
0.0
0.4
0.8
β_IV

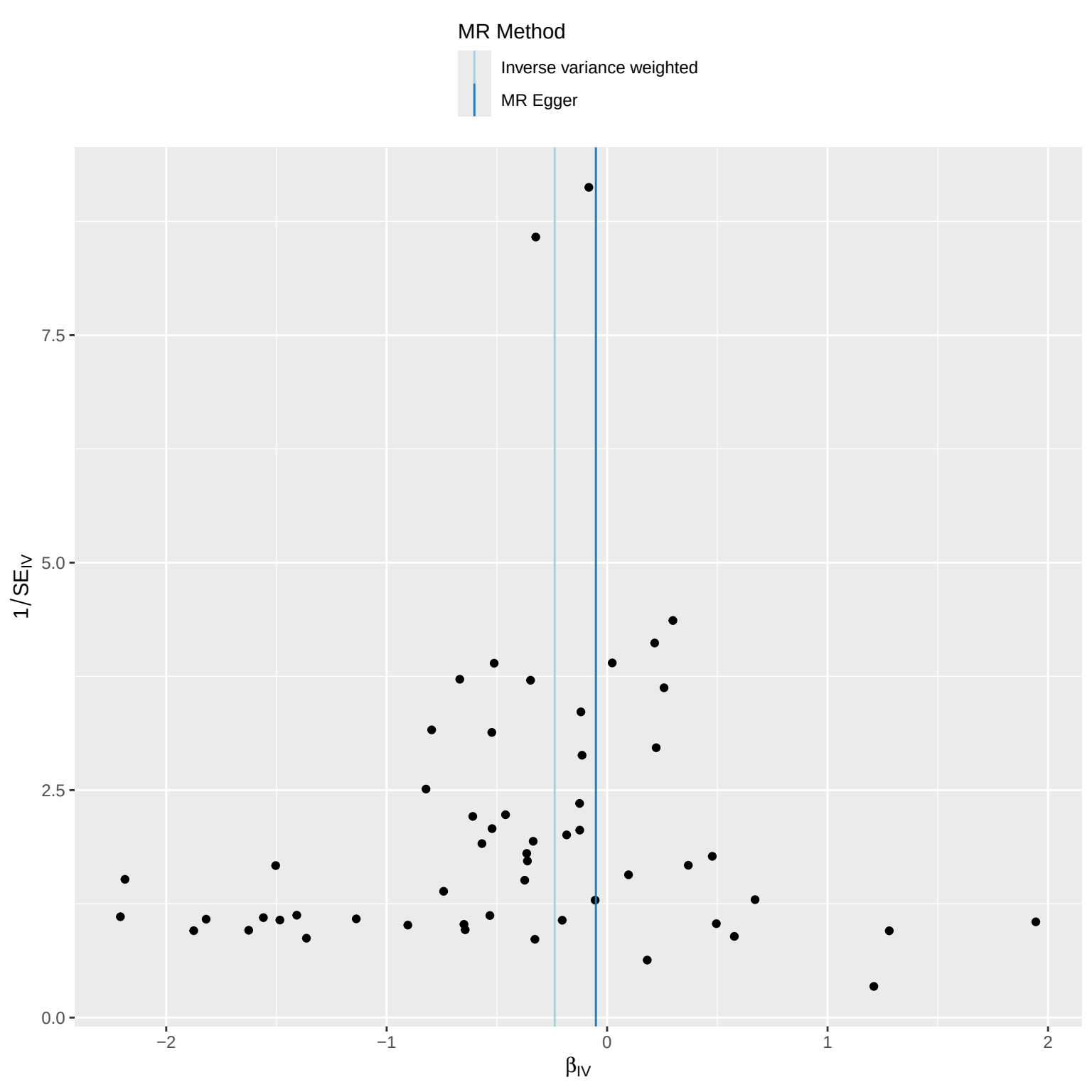

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

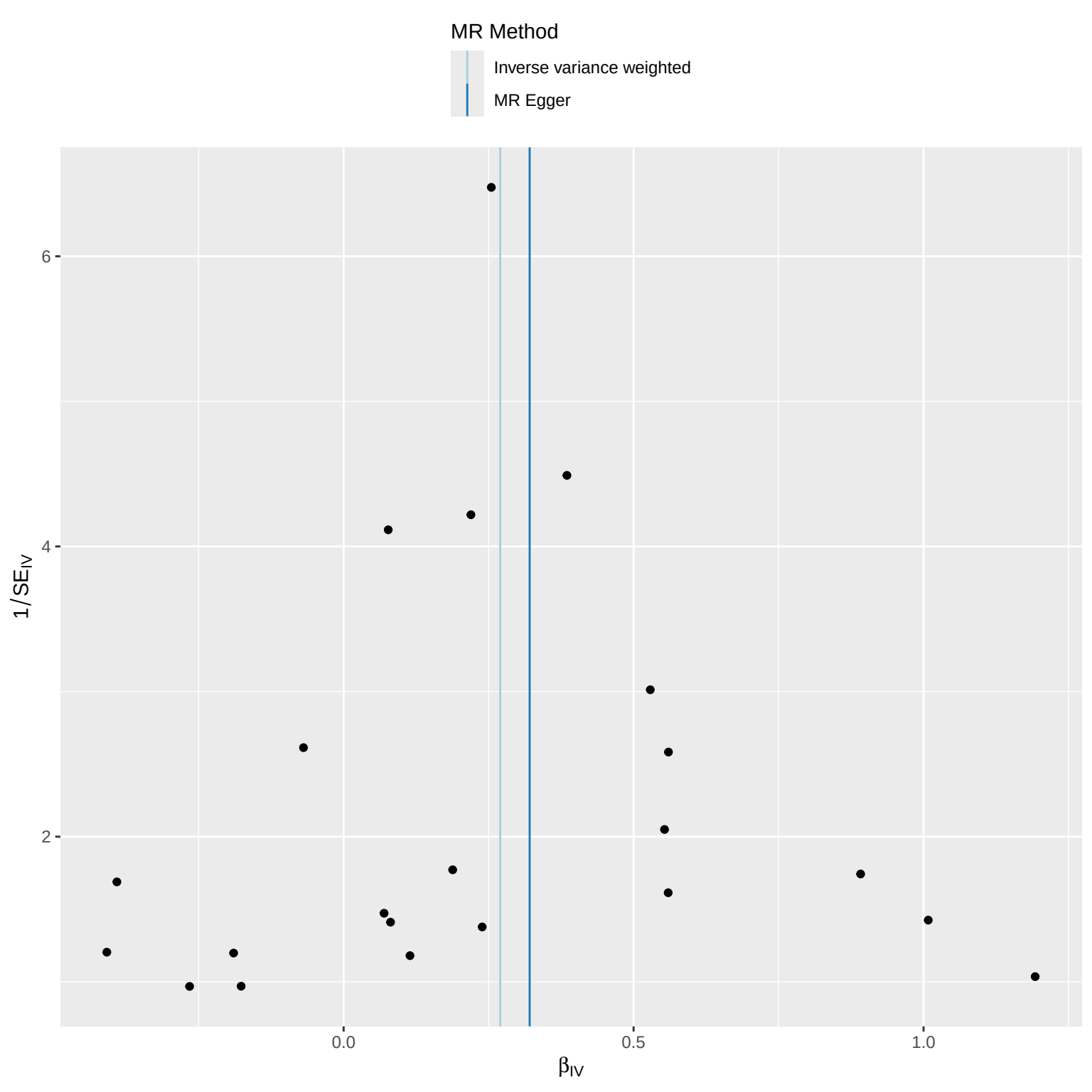

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

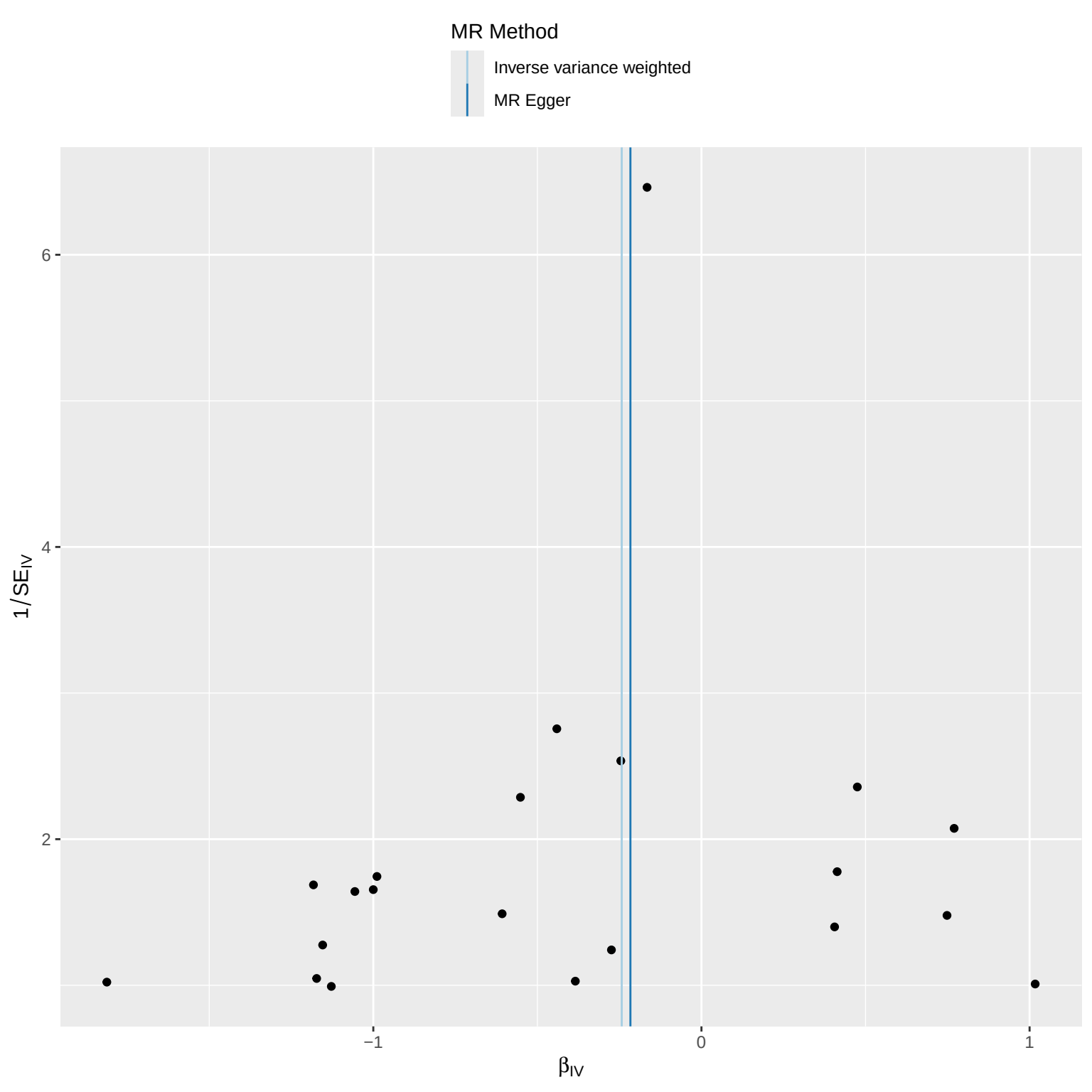

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

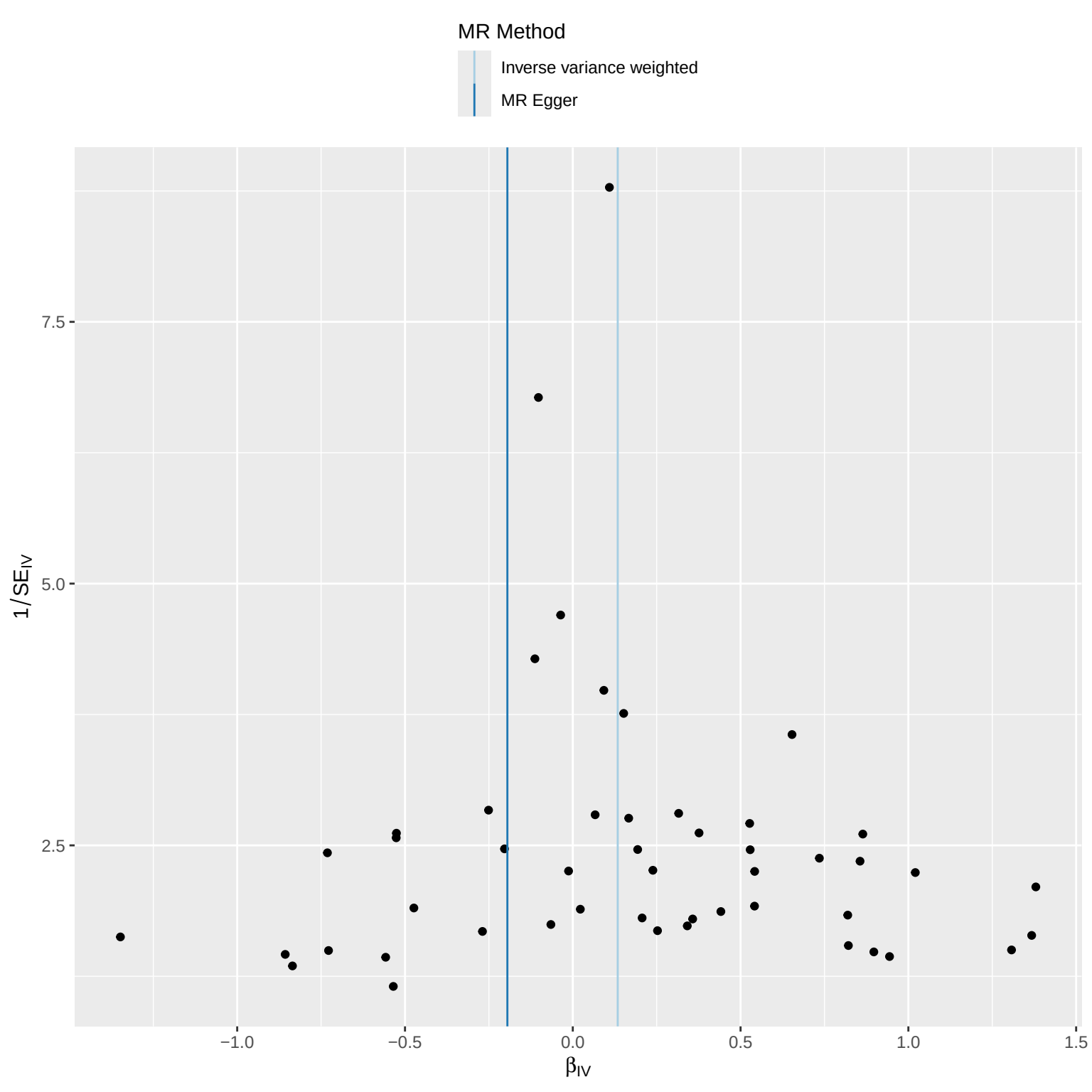

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

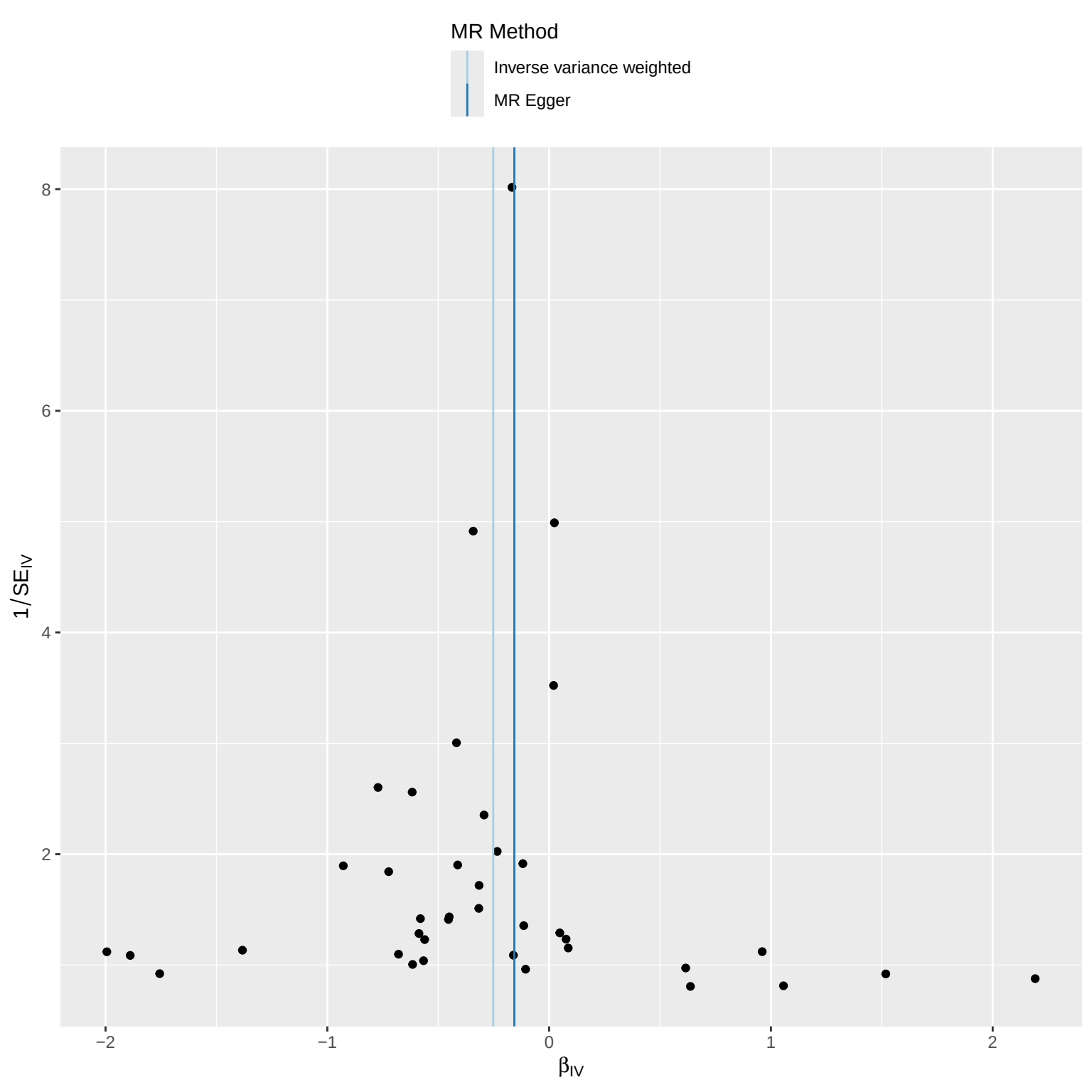

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

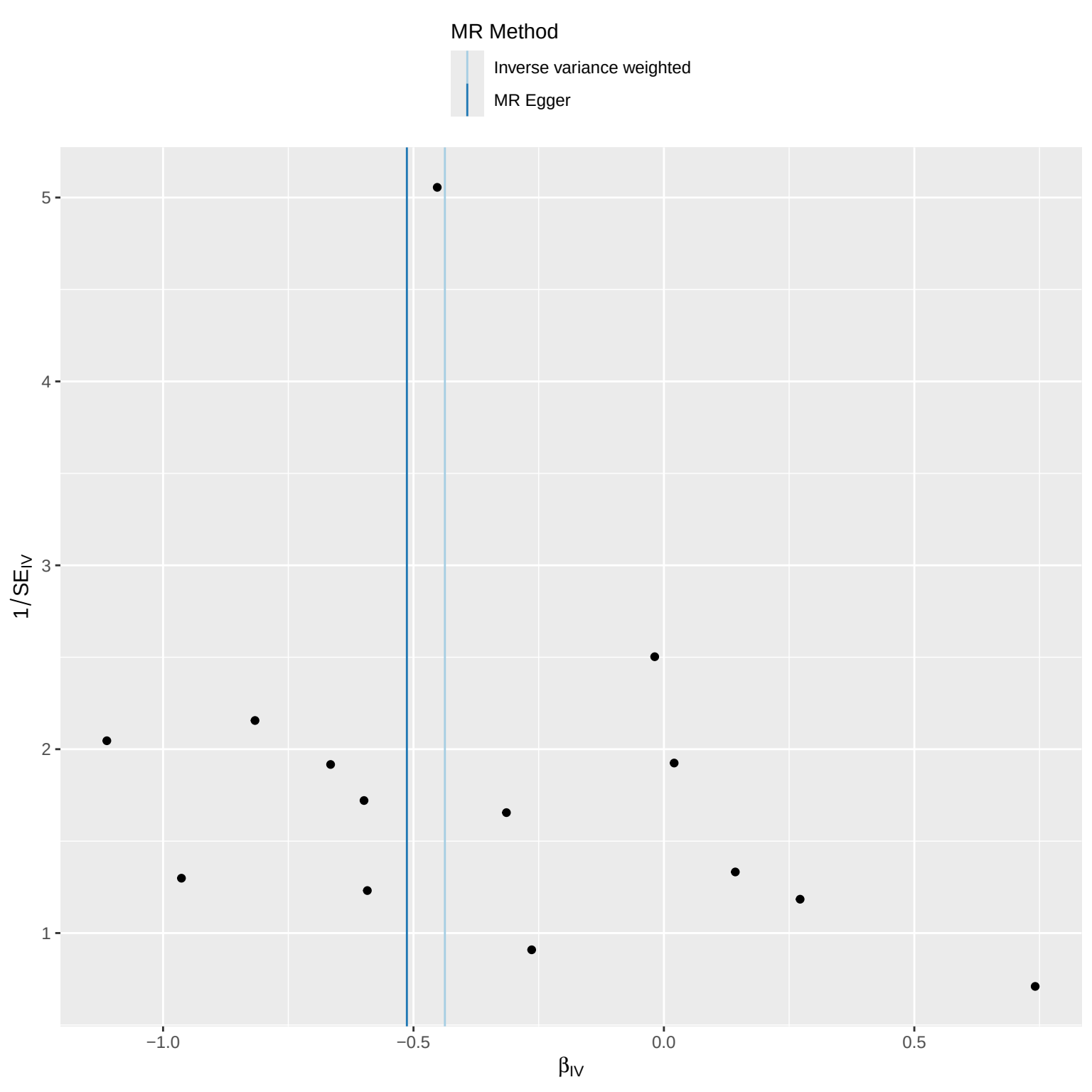

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−2
−1
0
1
2
β_IV

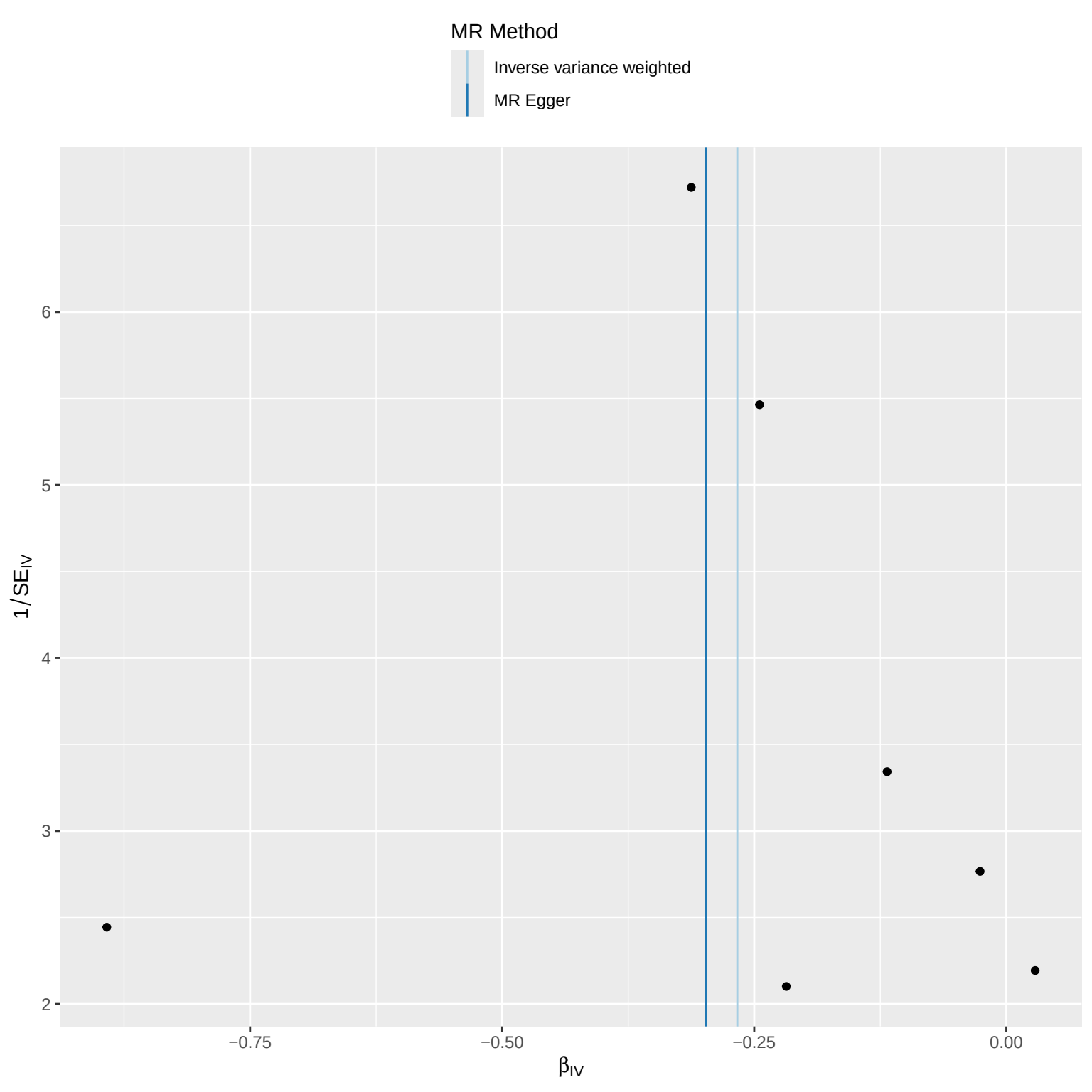

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
β_IV

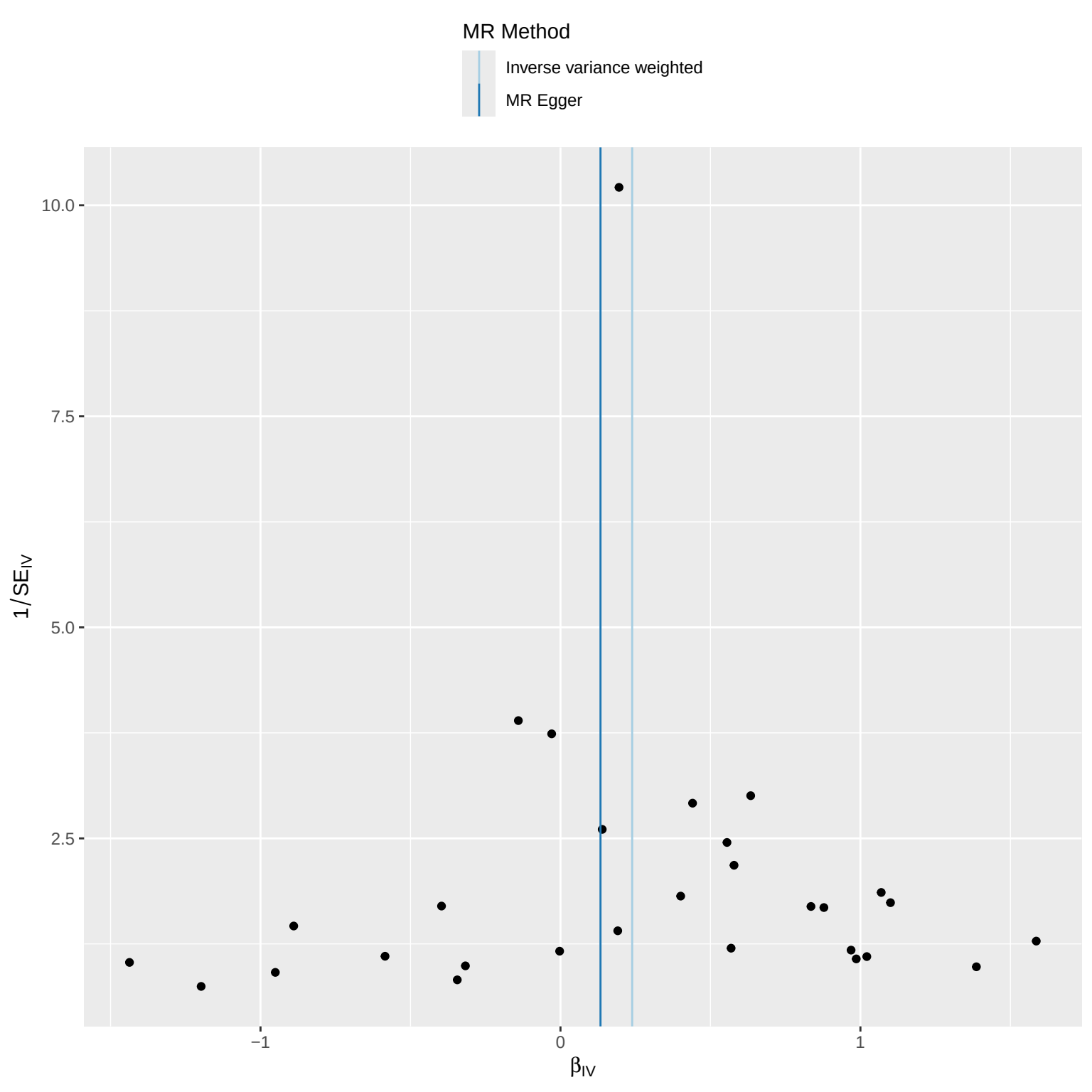

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

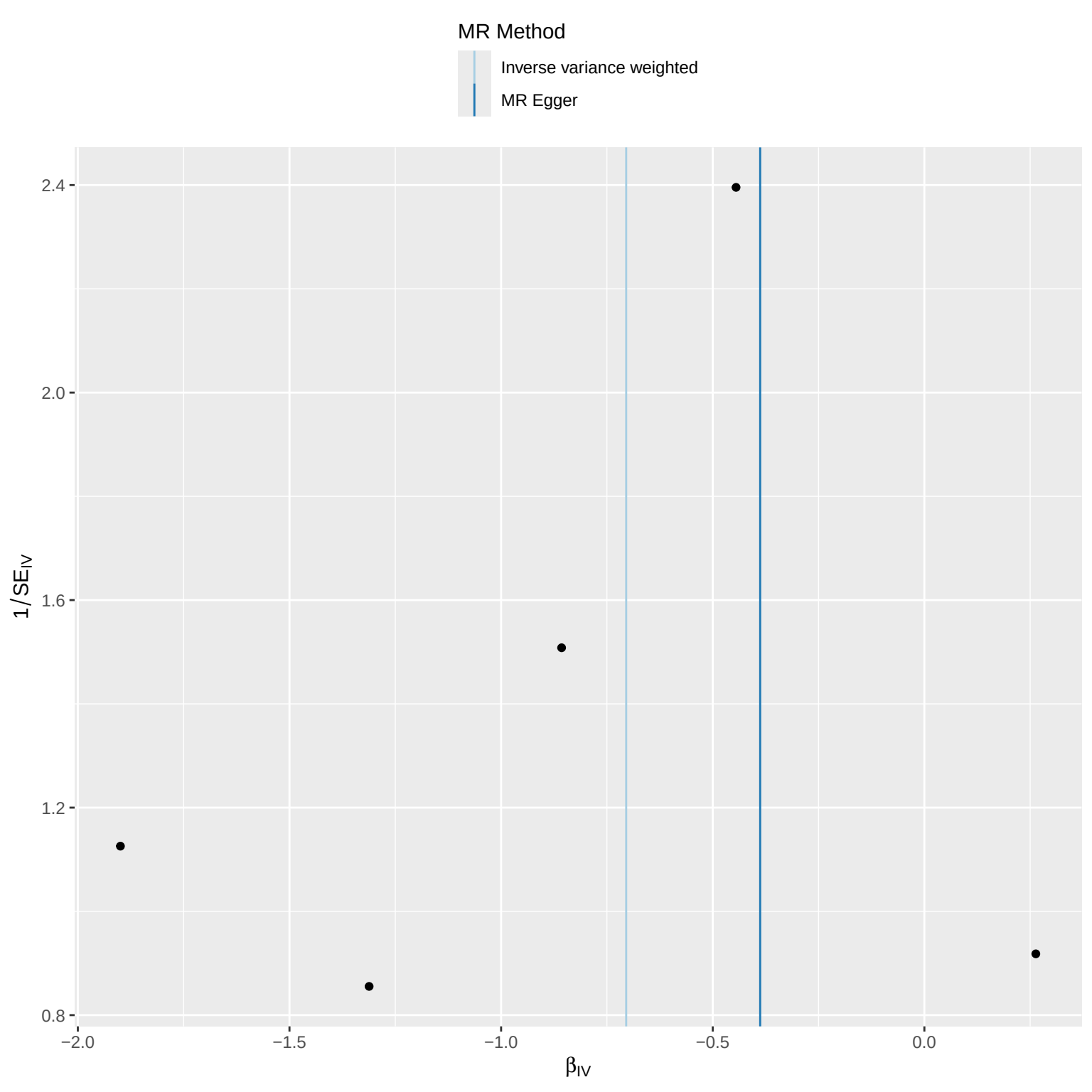

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

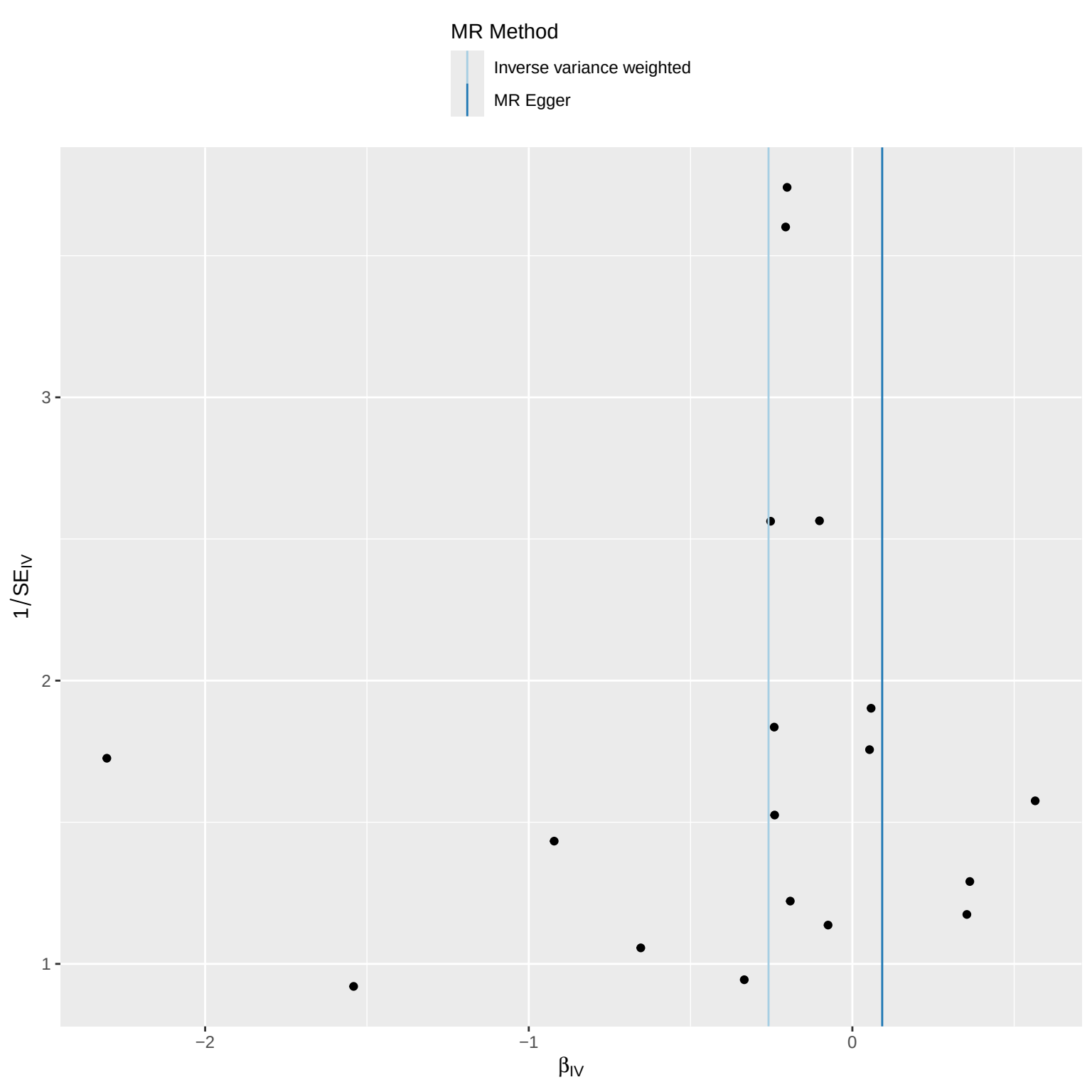

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

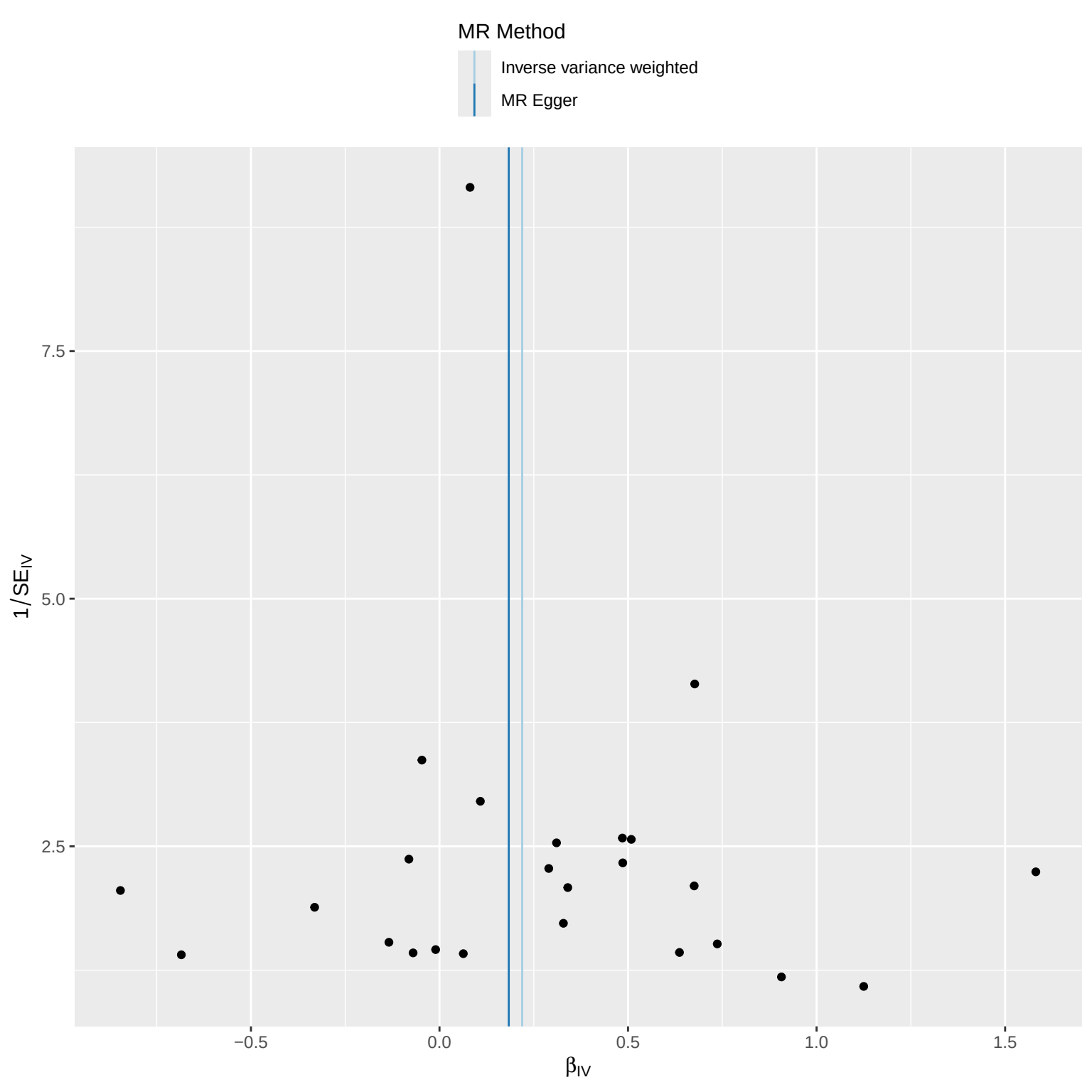

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

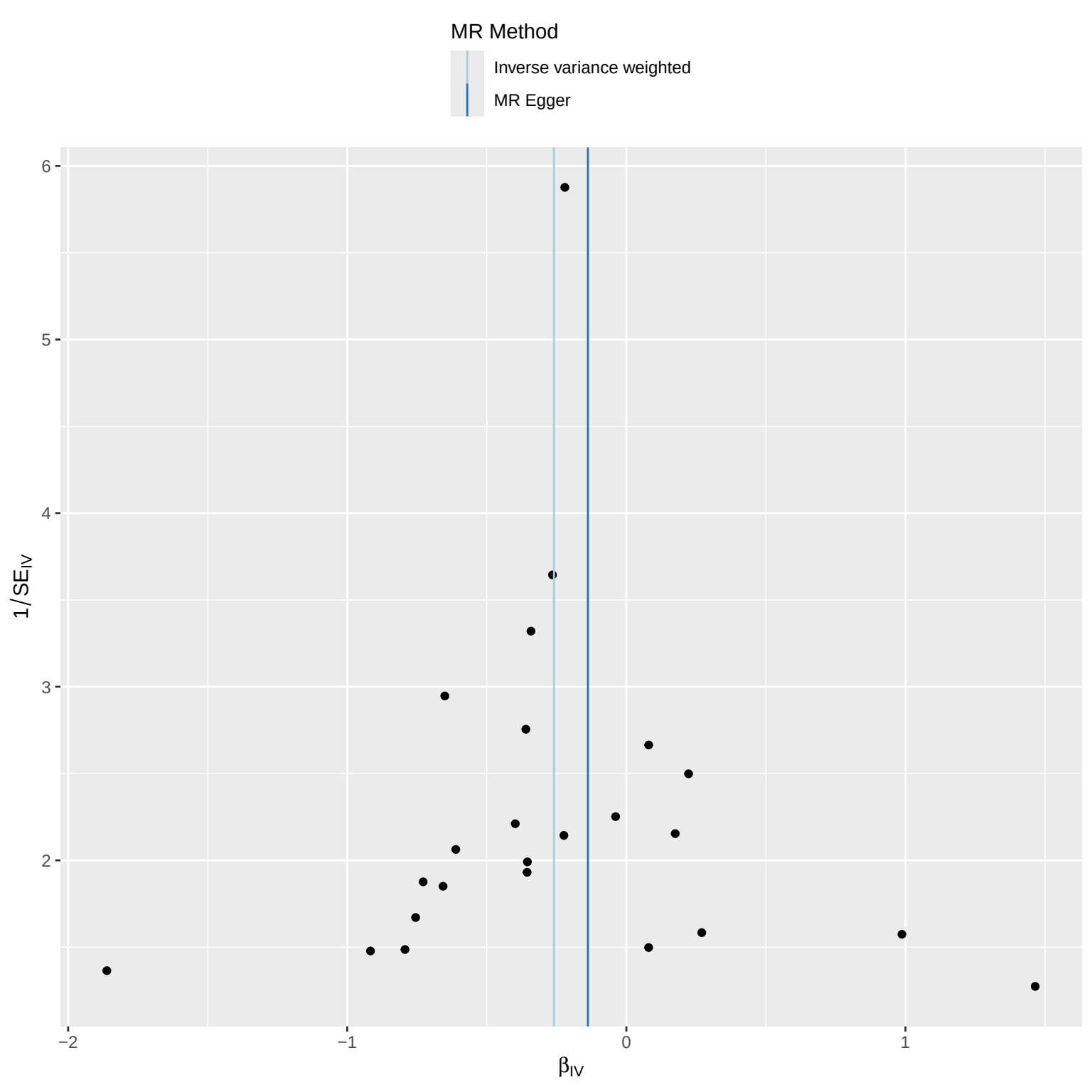

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

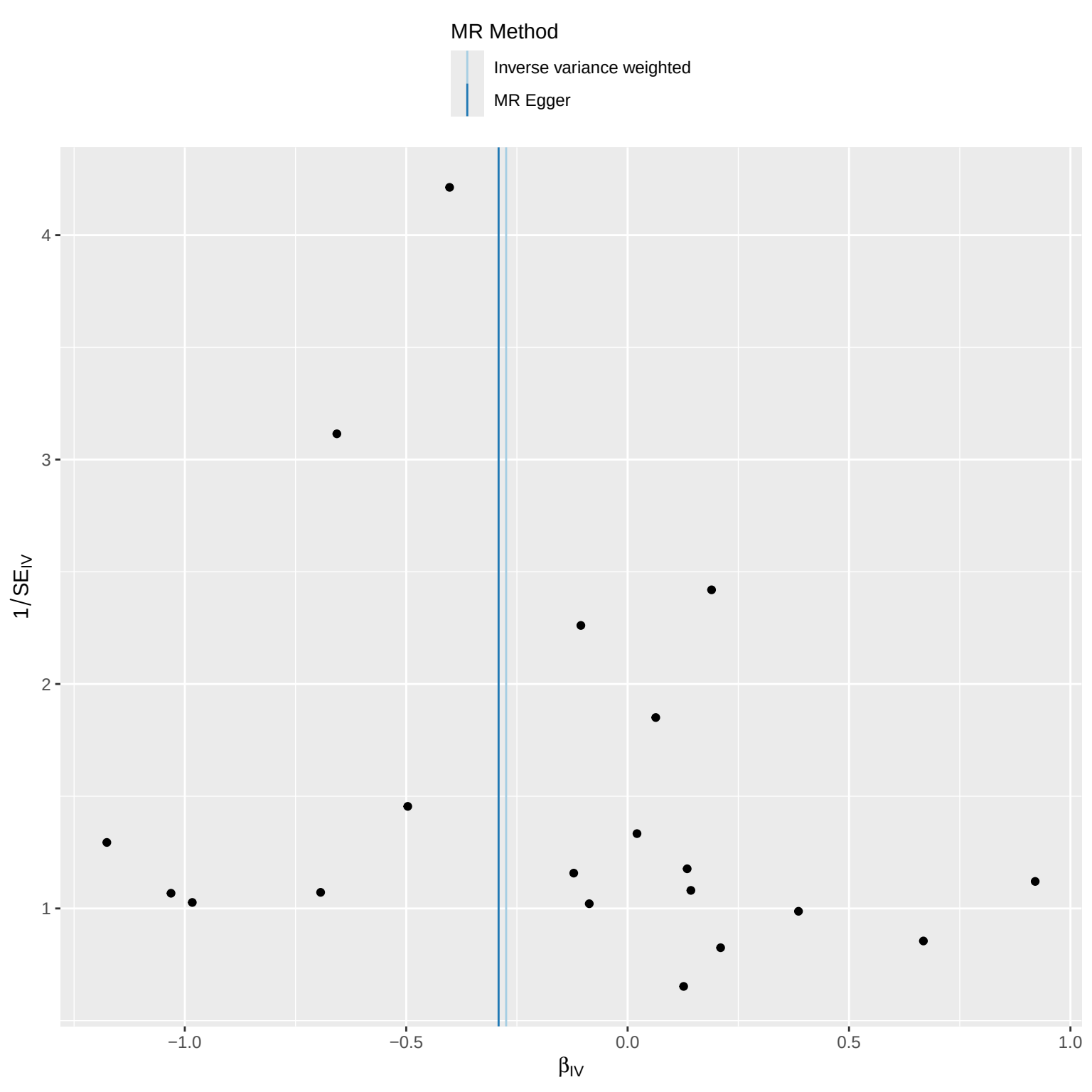

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

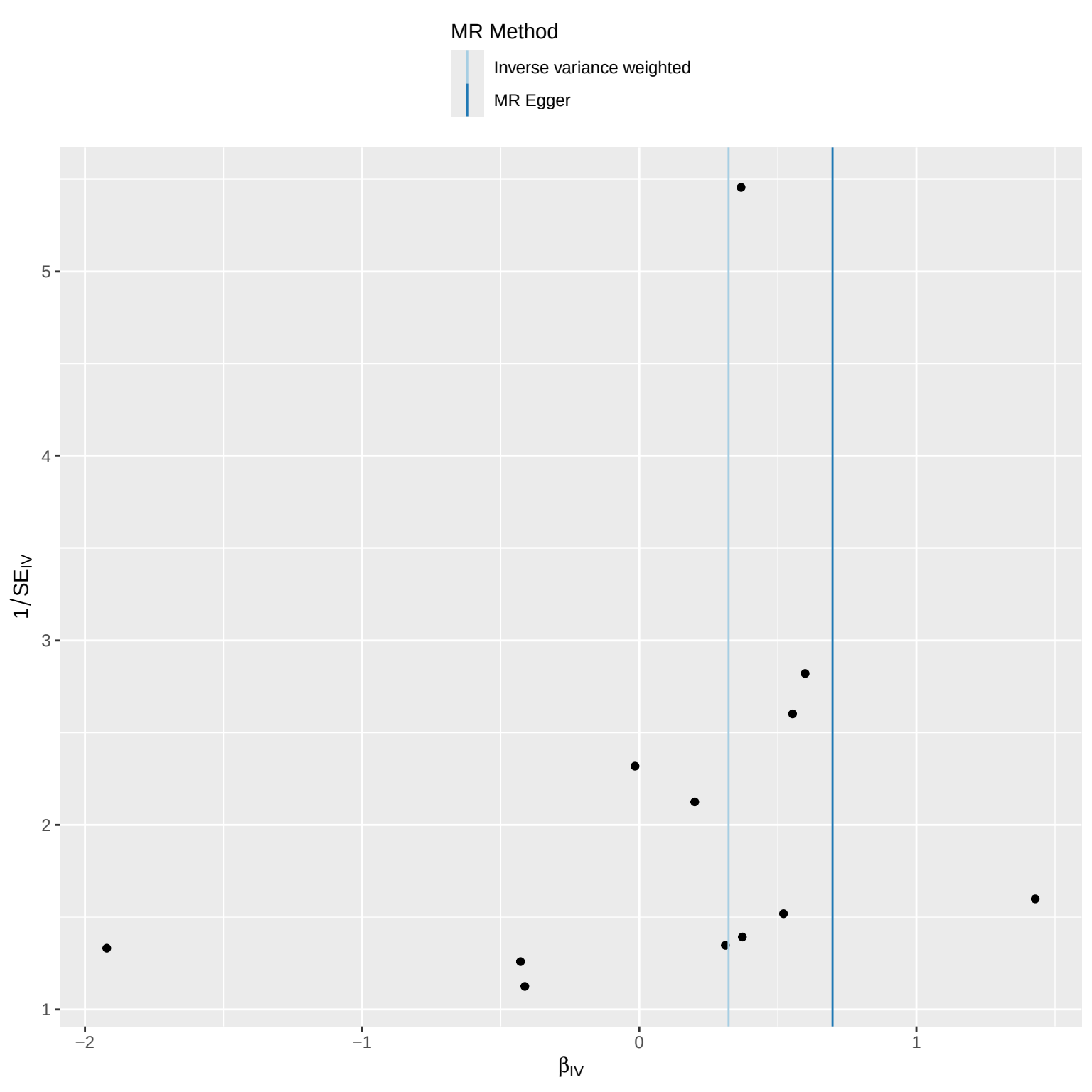

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

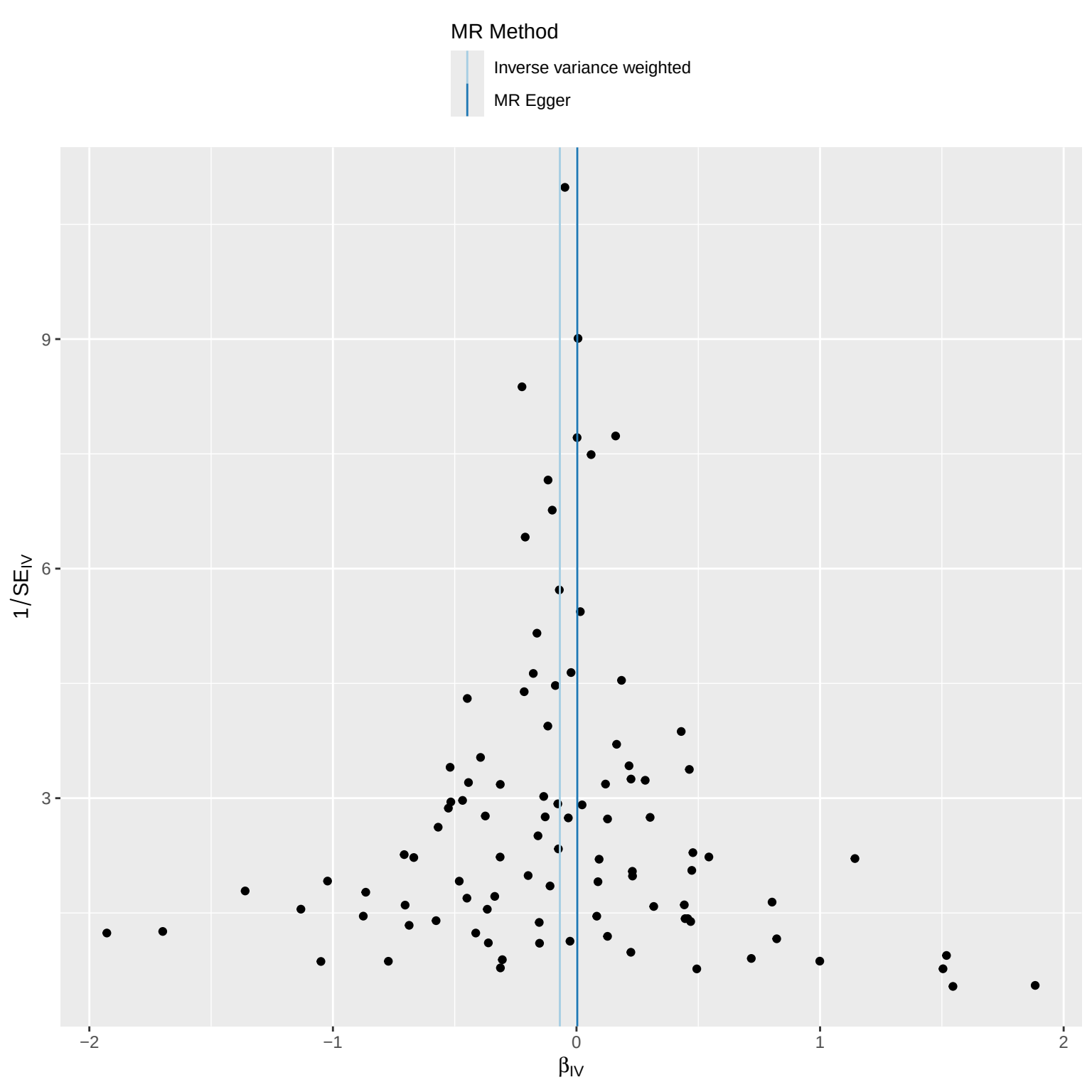

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

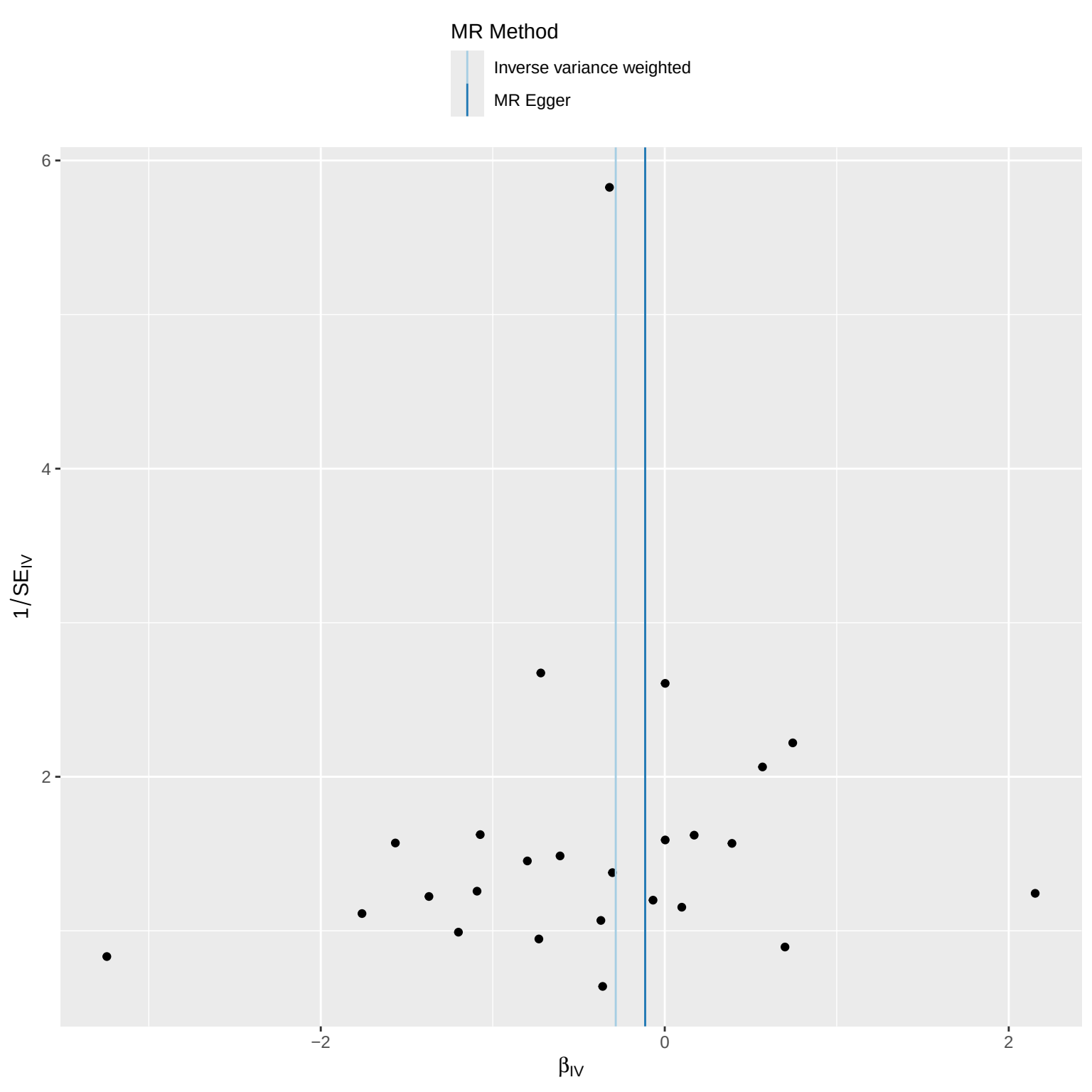

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

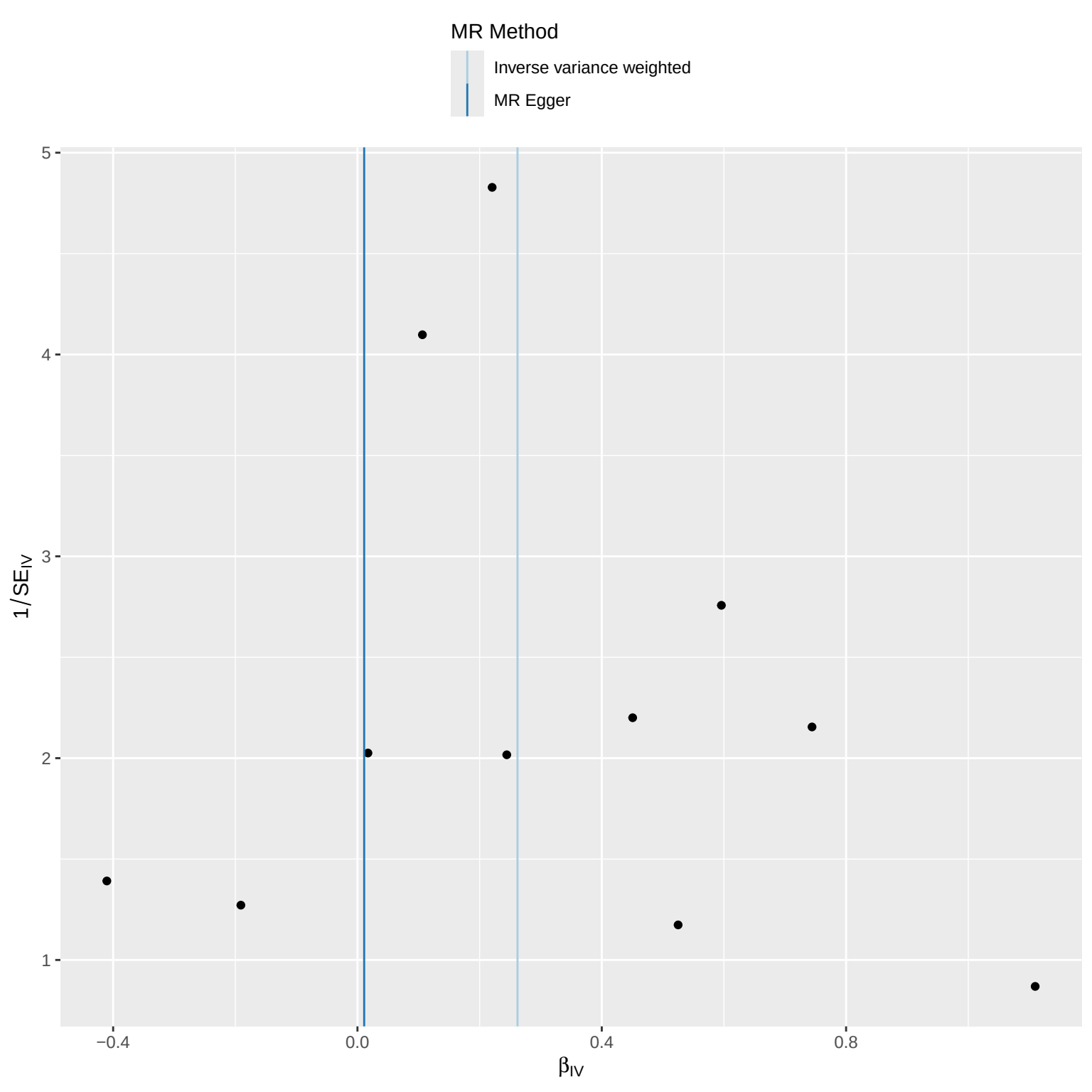

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−2
−1
0
1
β_IV

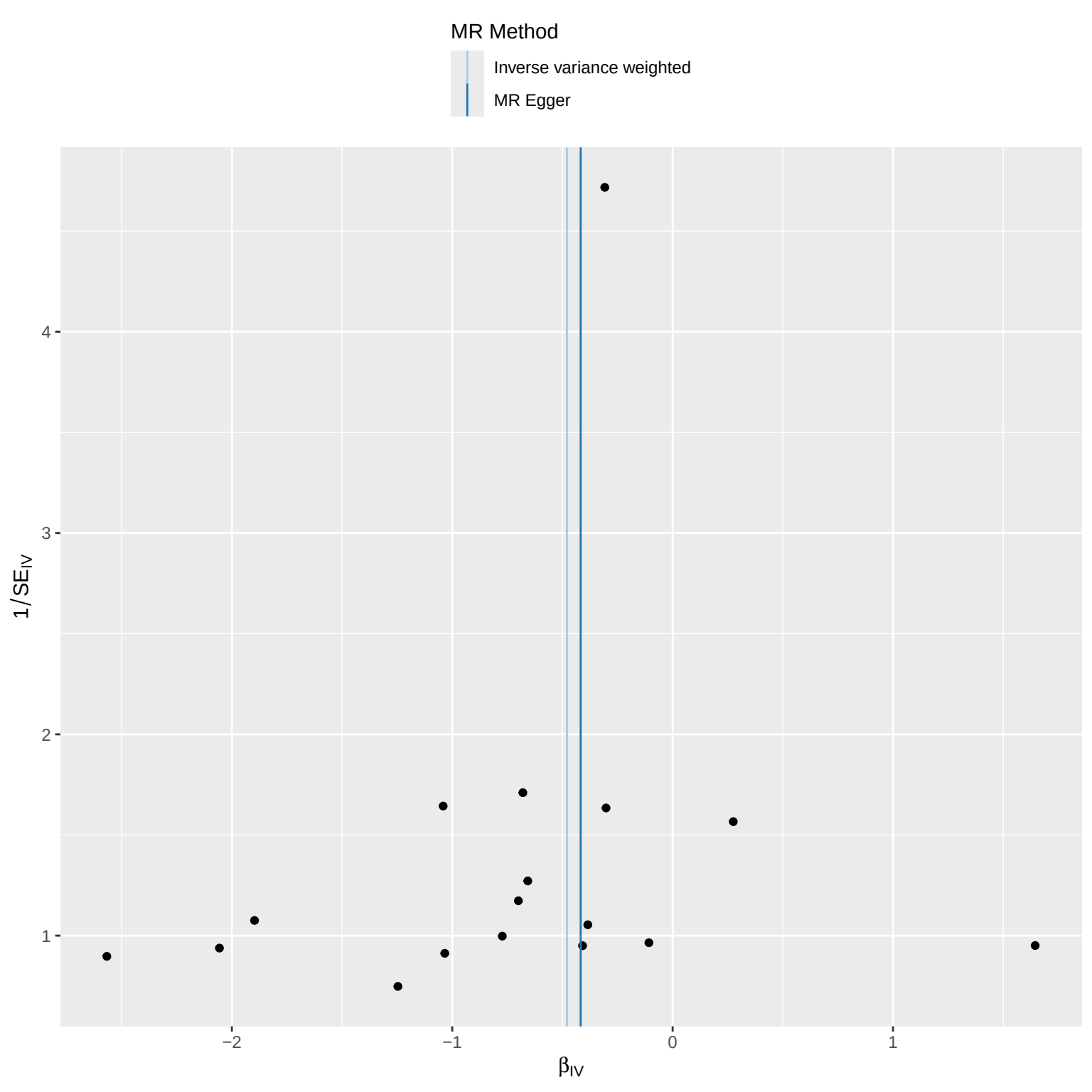

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

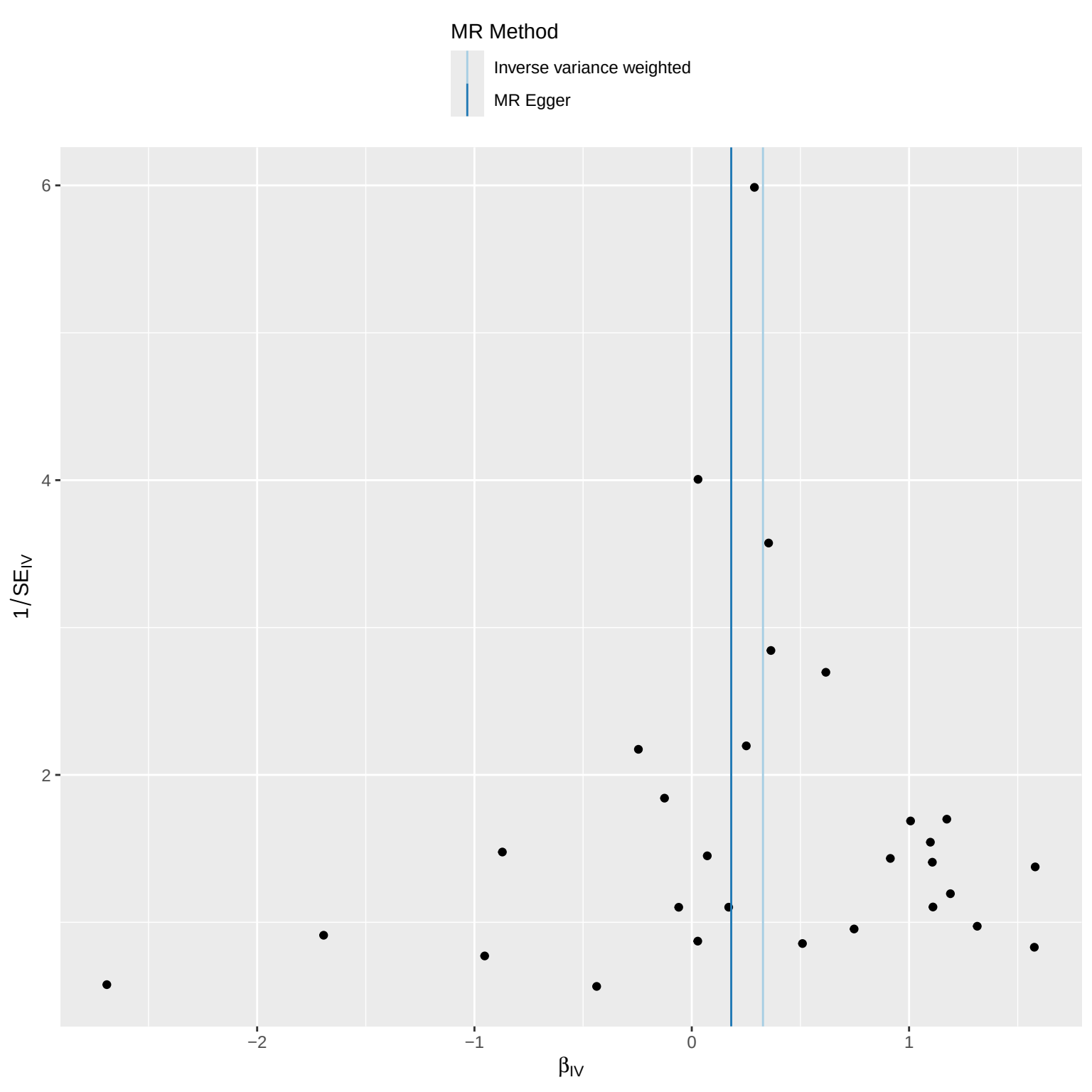

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1

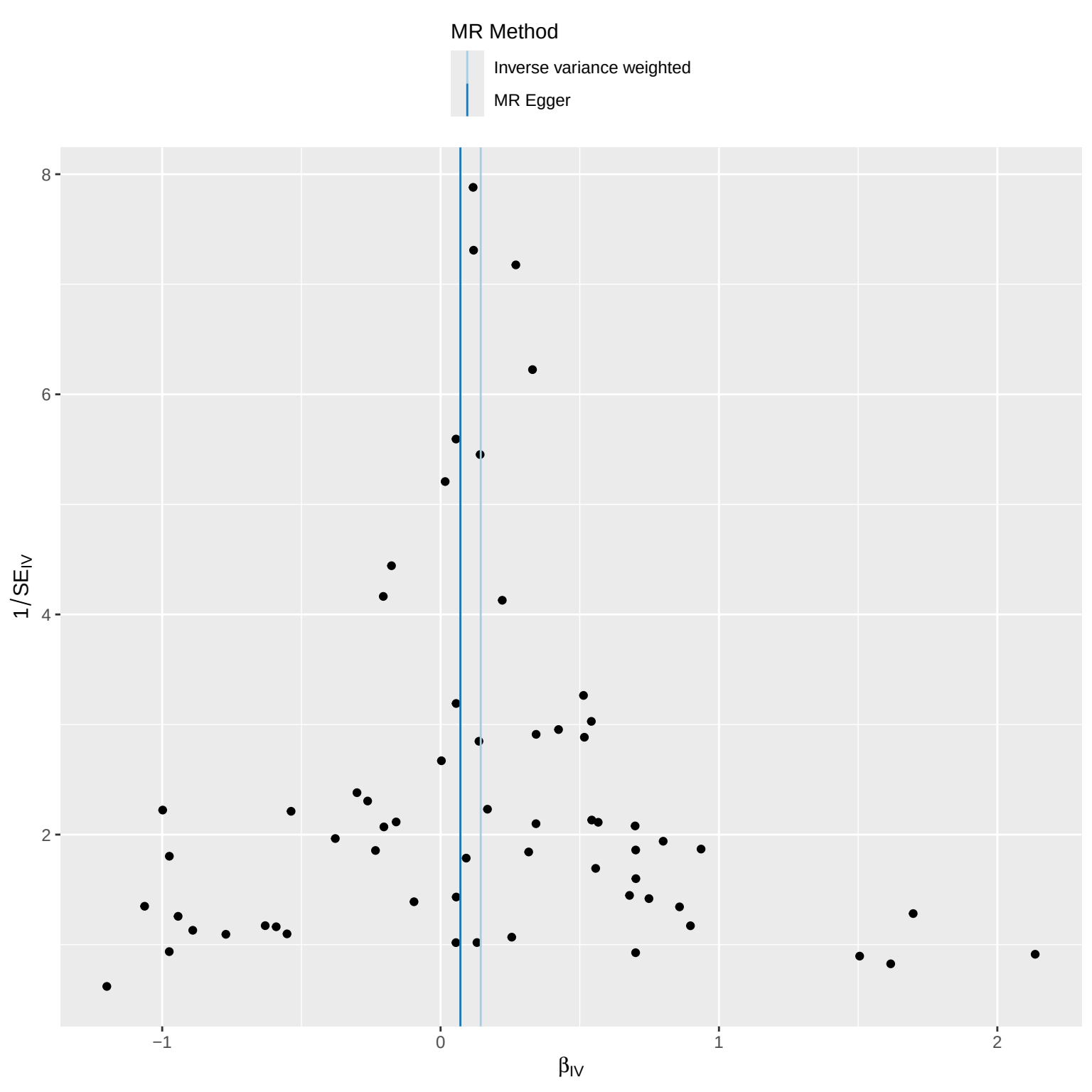

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−2
−1
0
1
2
β_IV

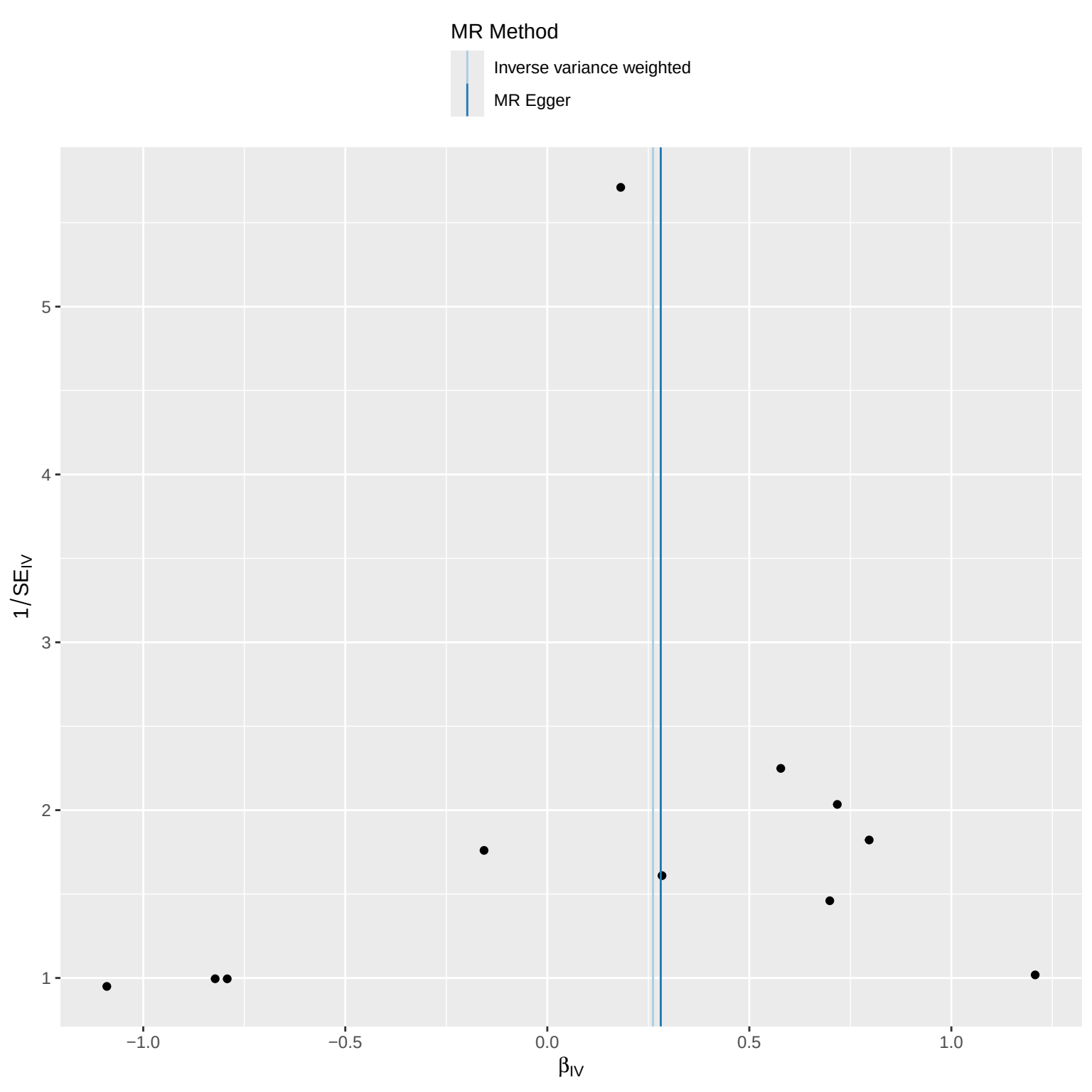

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

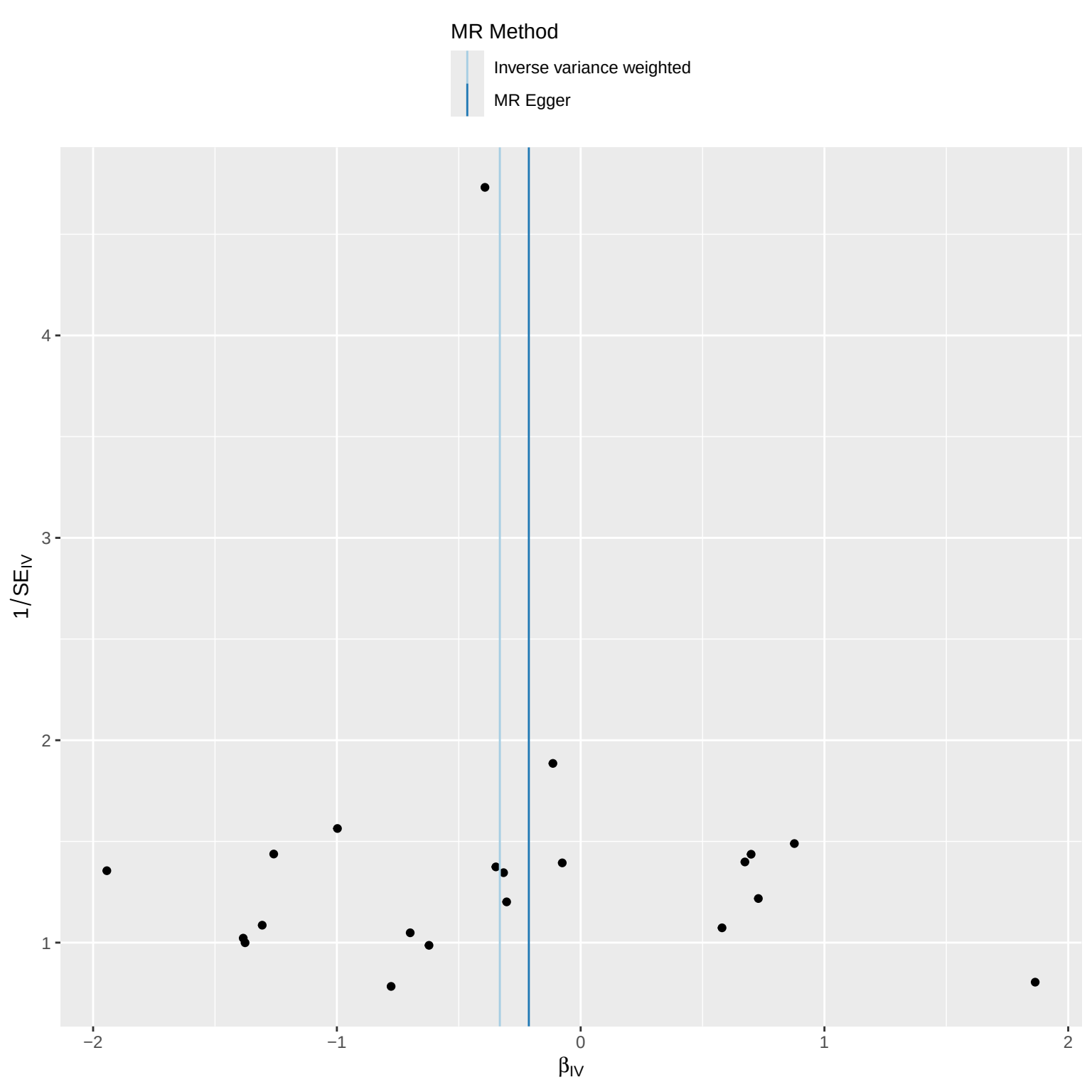

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

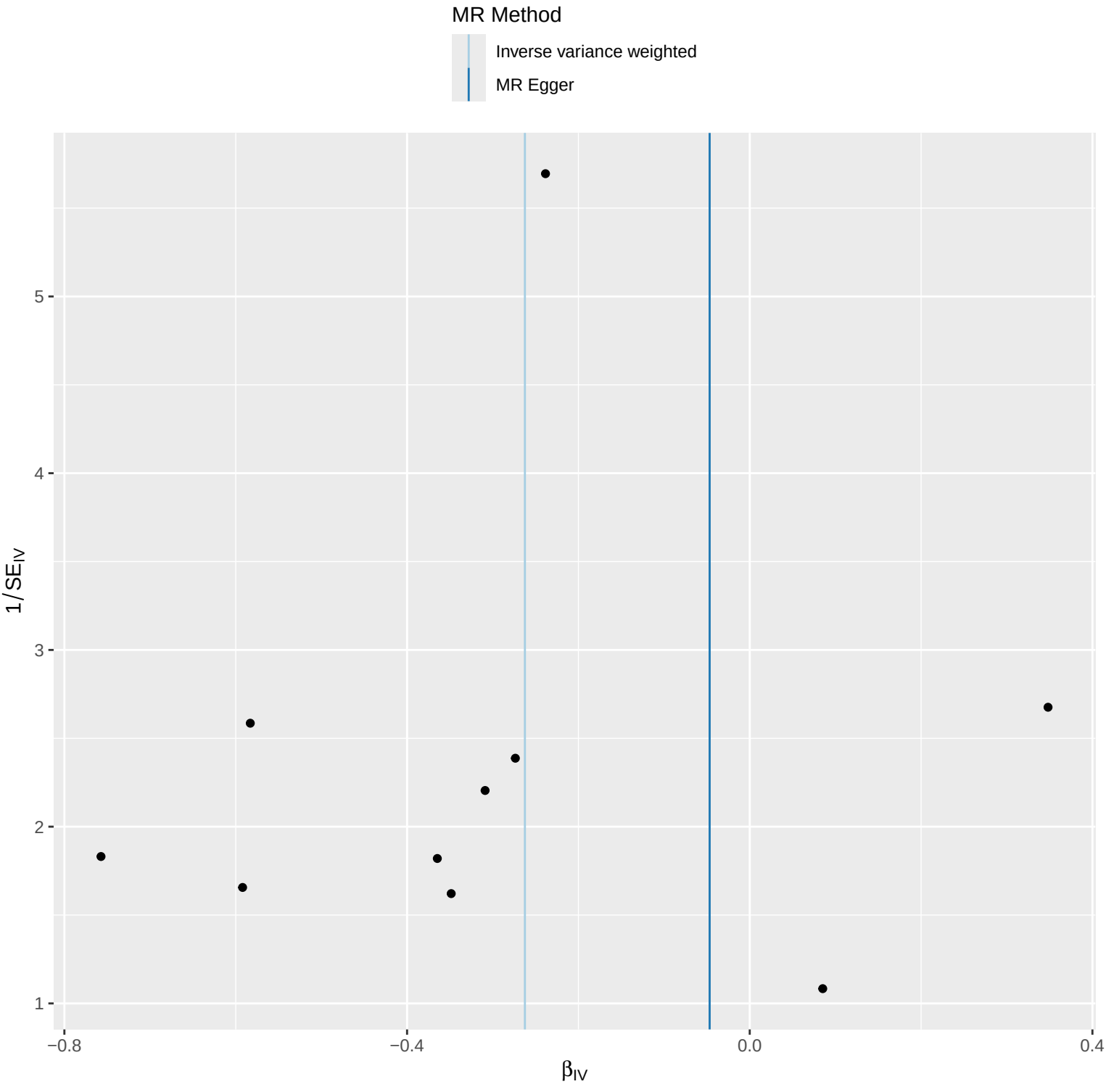

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

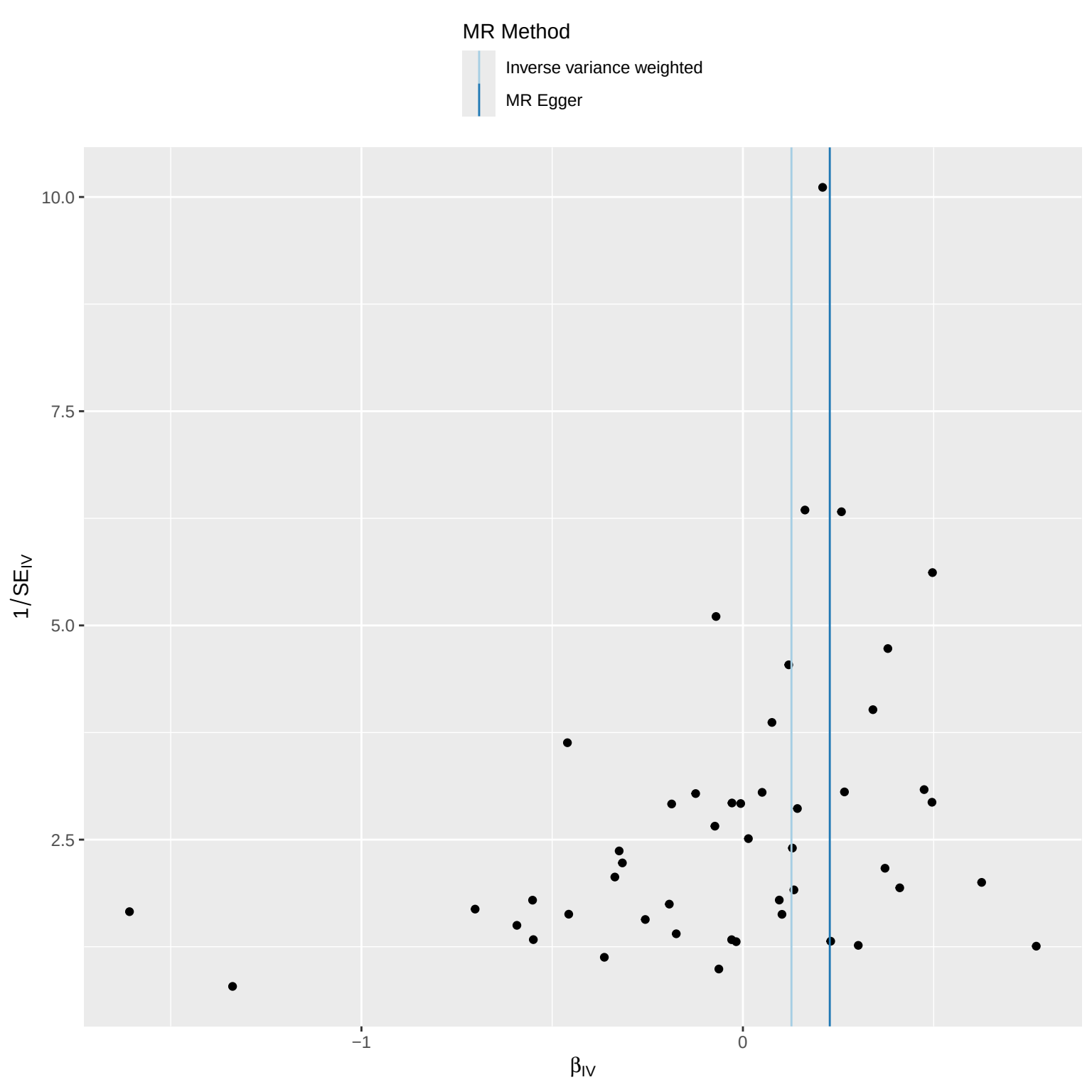

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

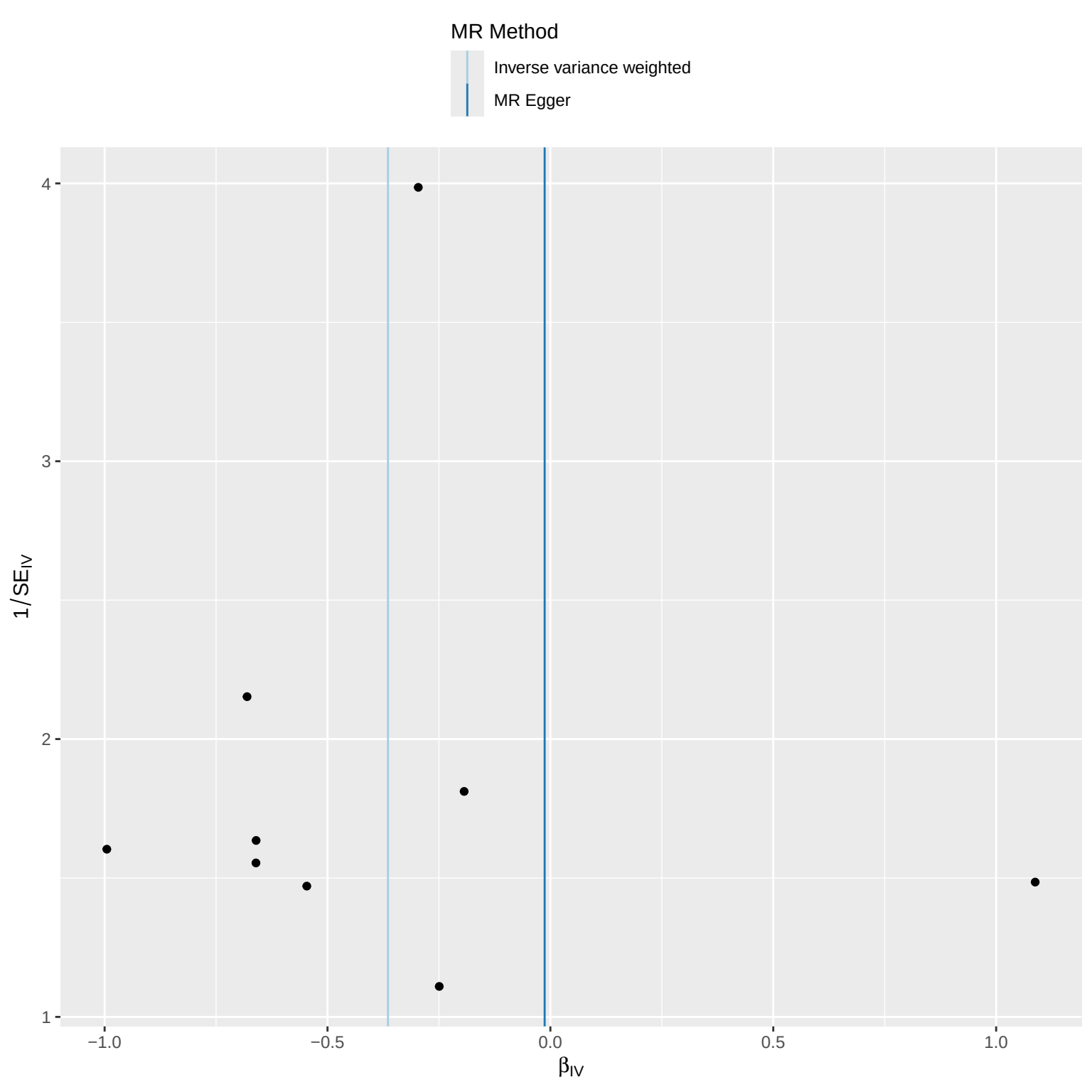

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

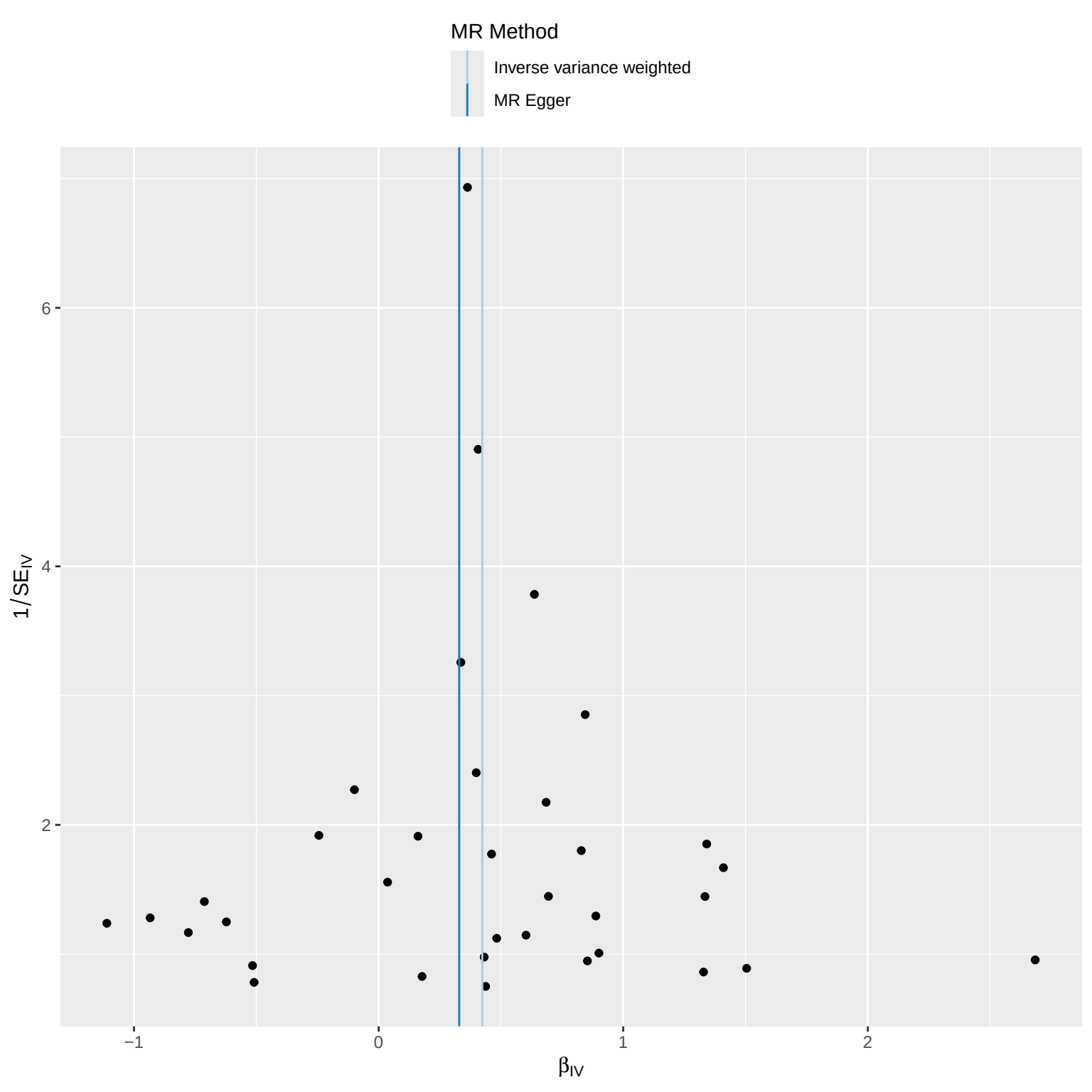

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1.0
−0.5
0.0
0.5
1.0
β_IV

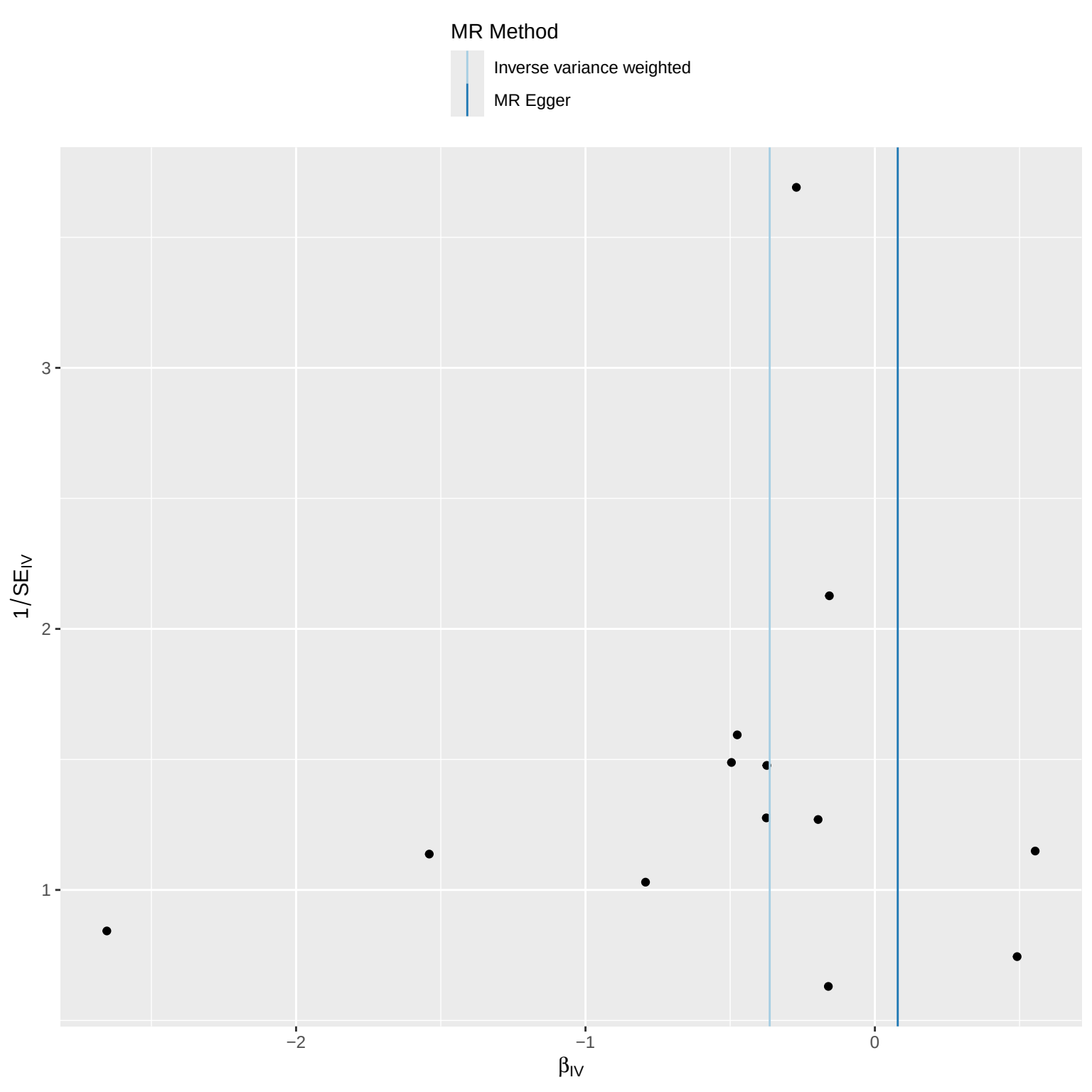

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

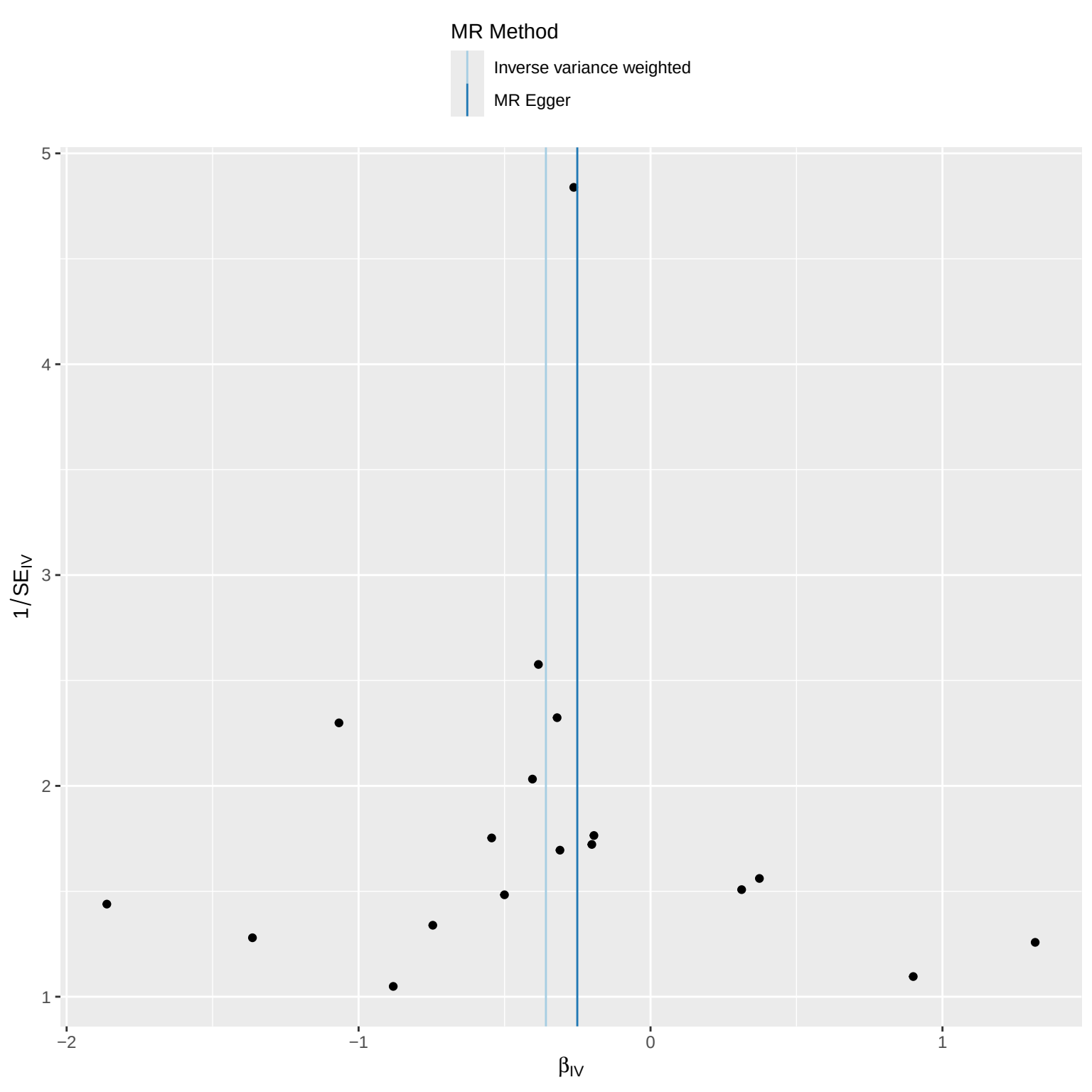

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−0.8
−0.4
0.0
0.4
β_IV

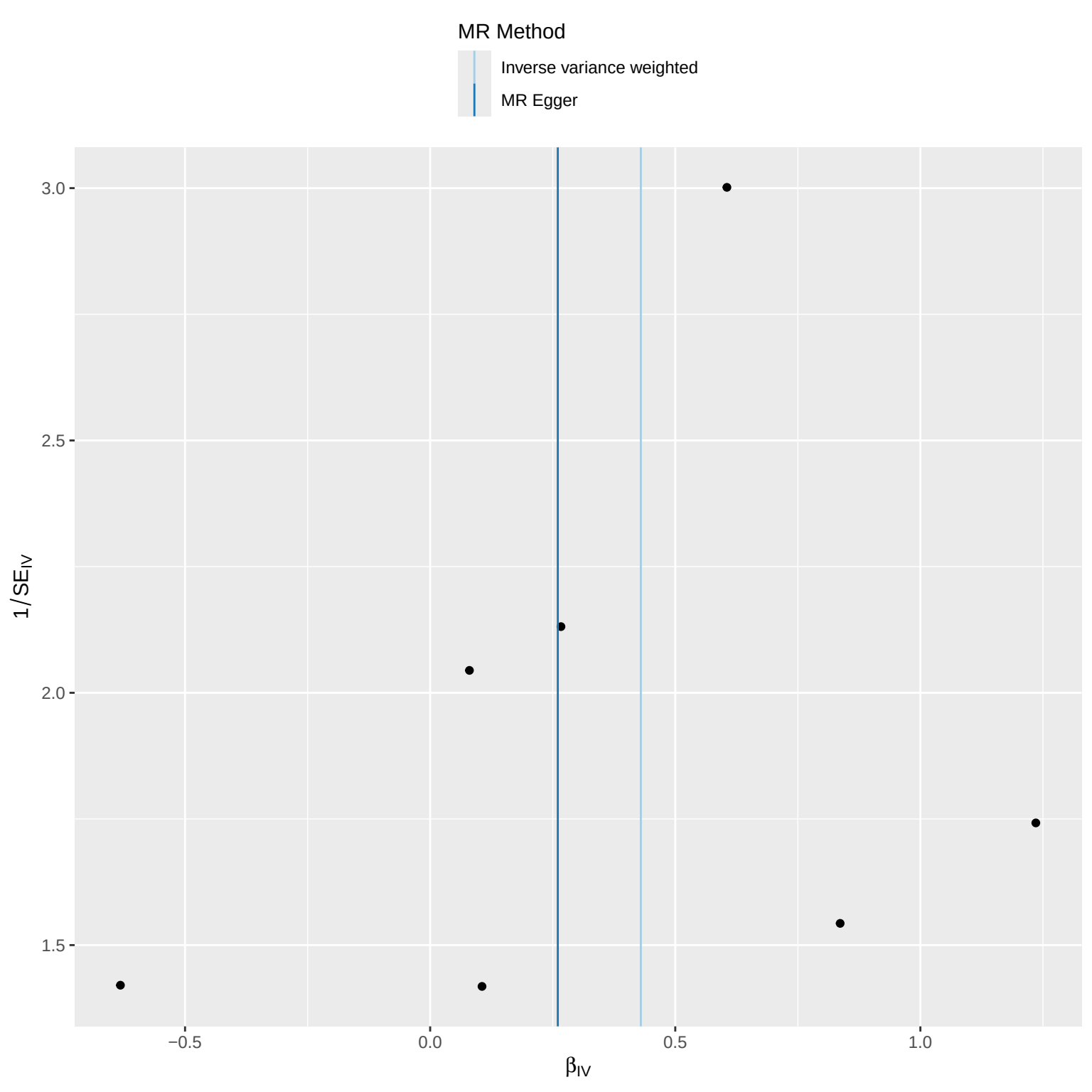

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
β_IV

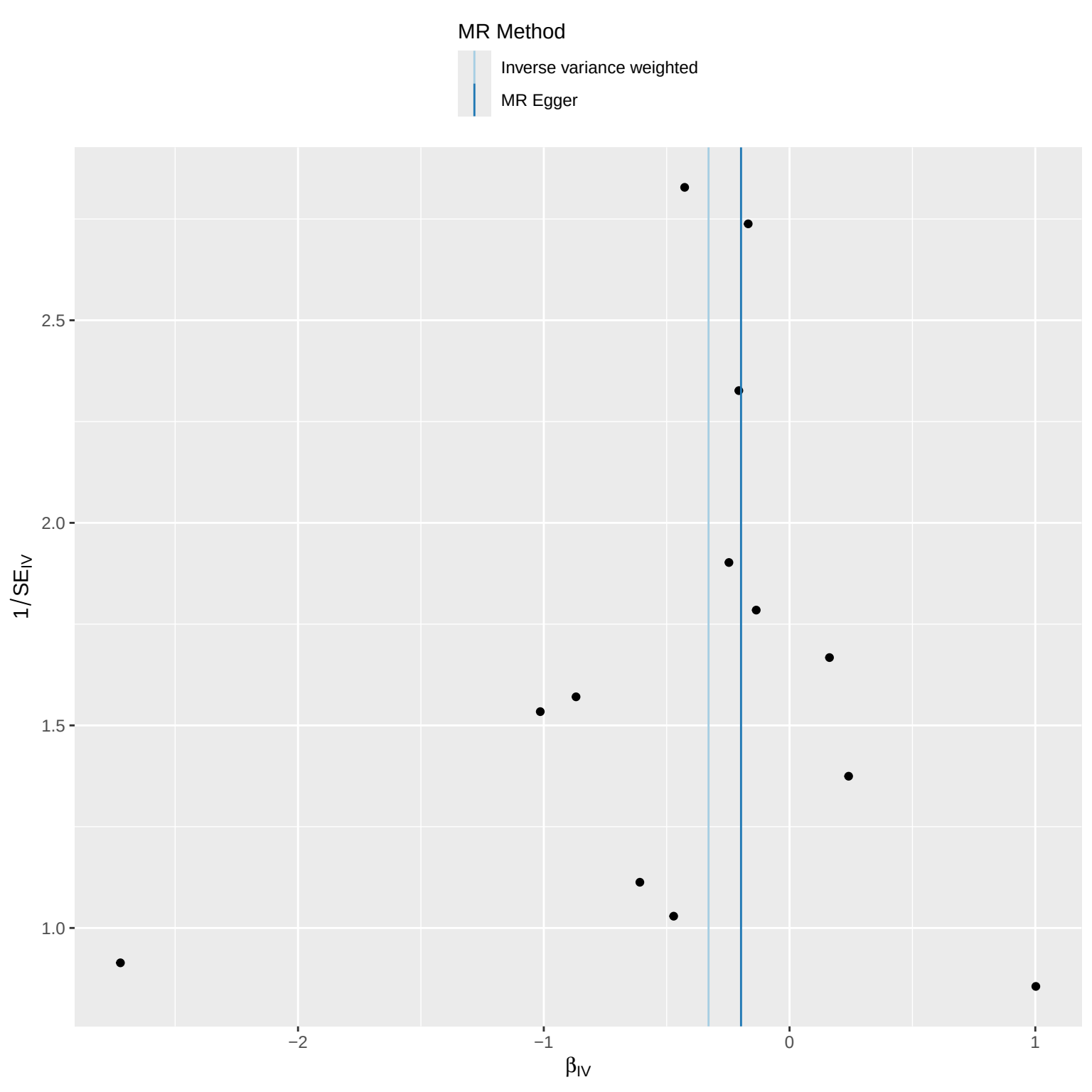

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

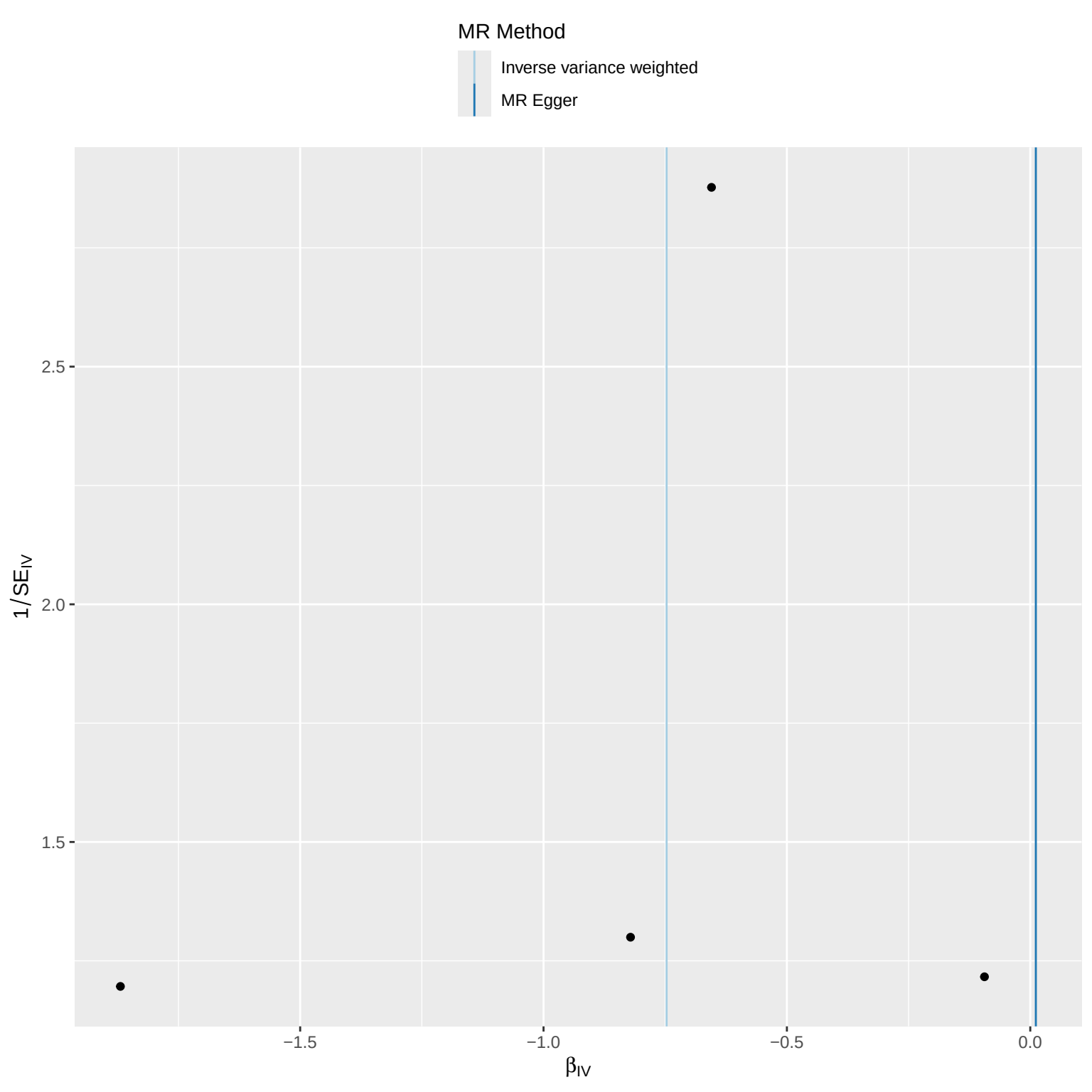

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

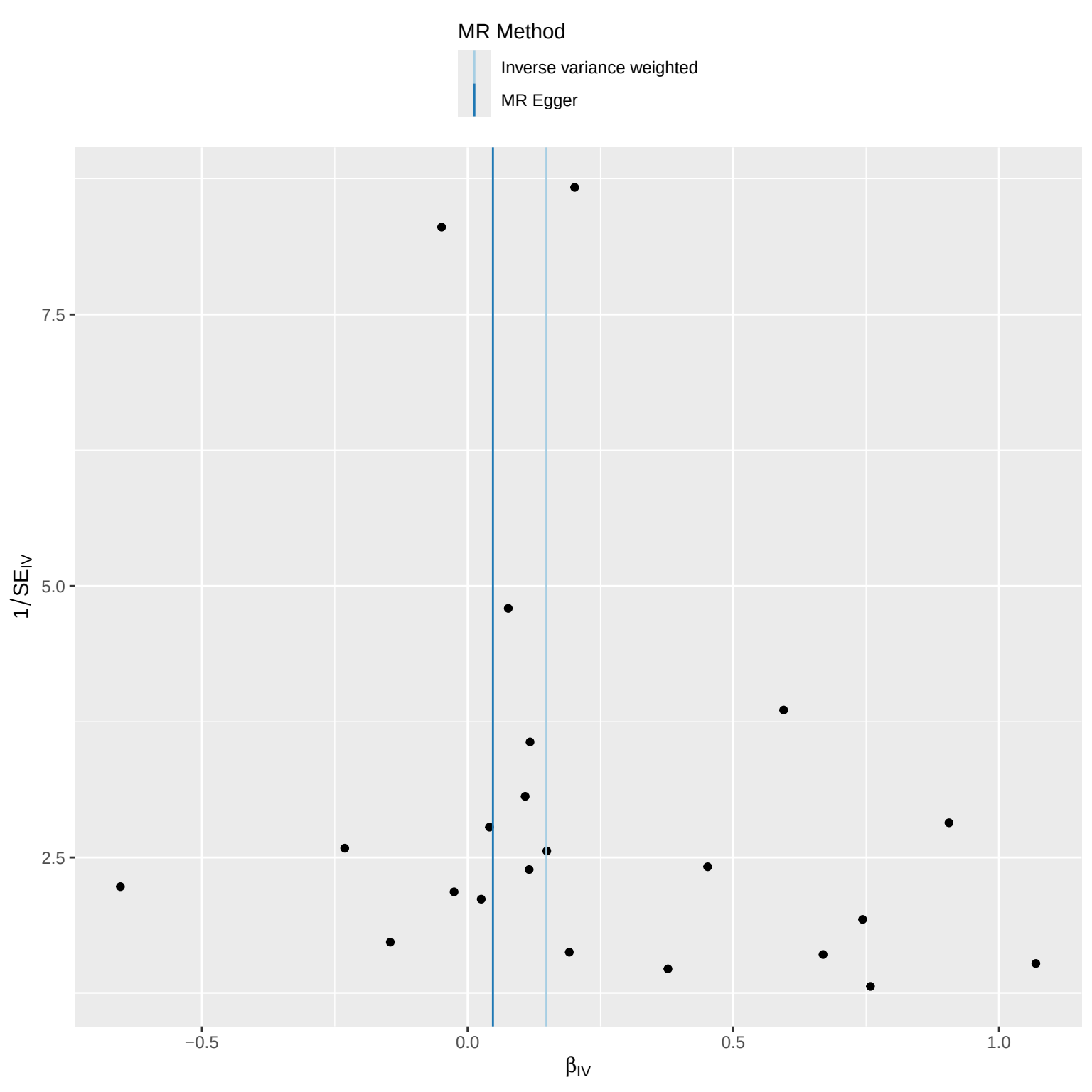

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

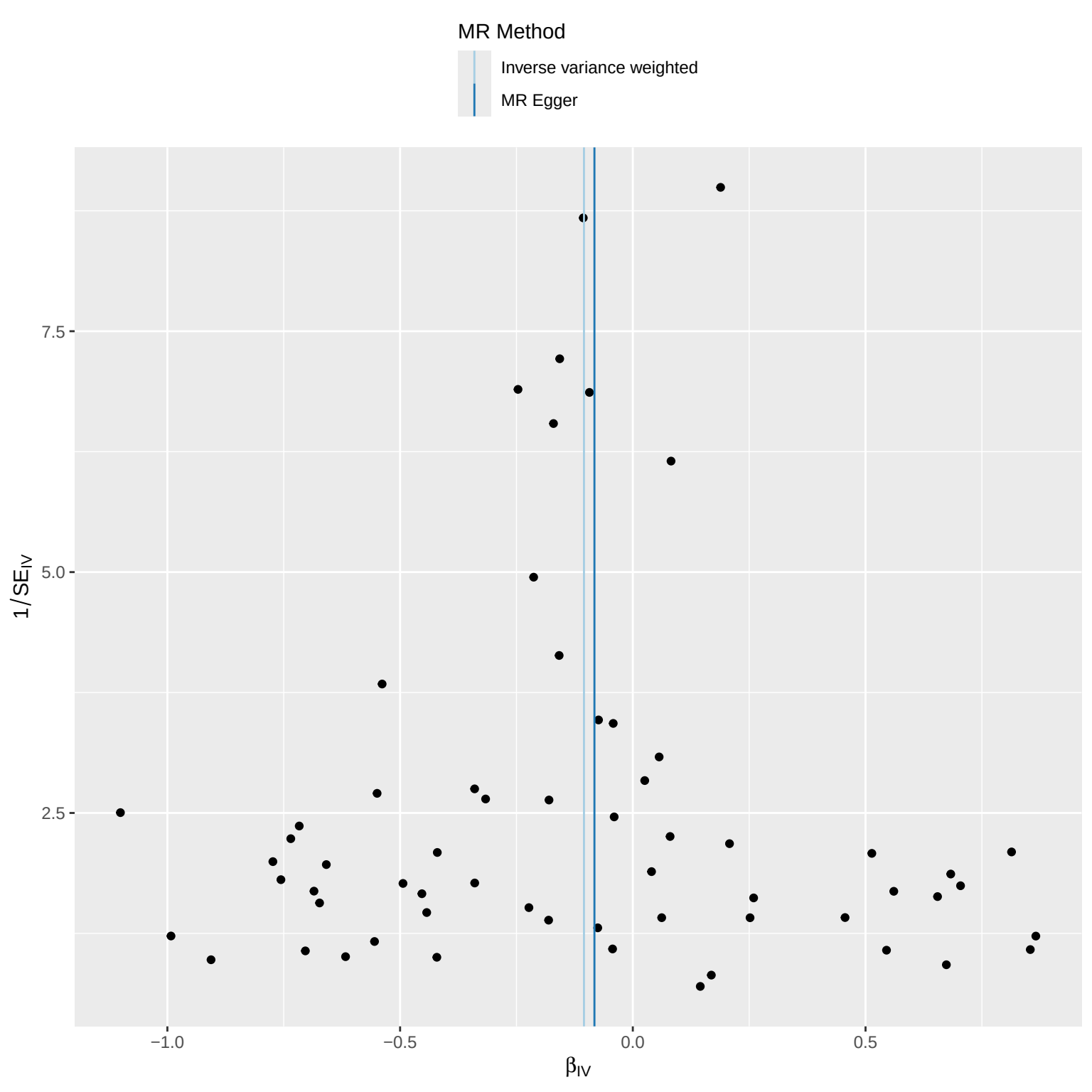

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

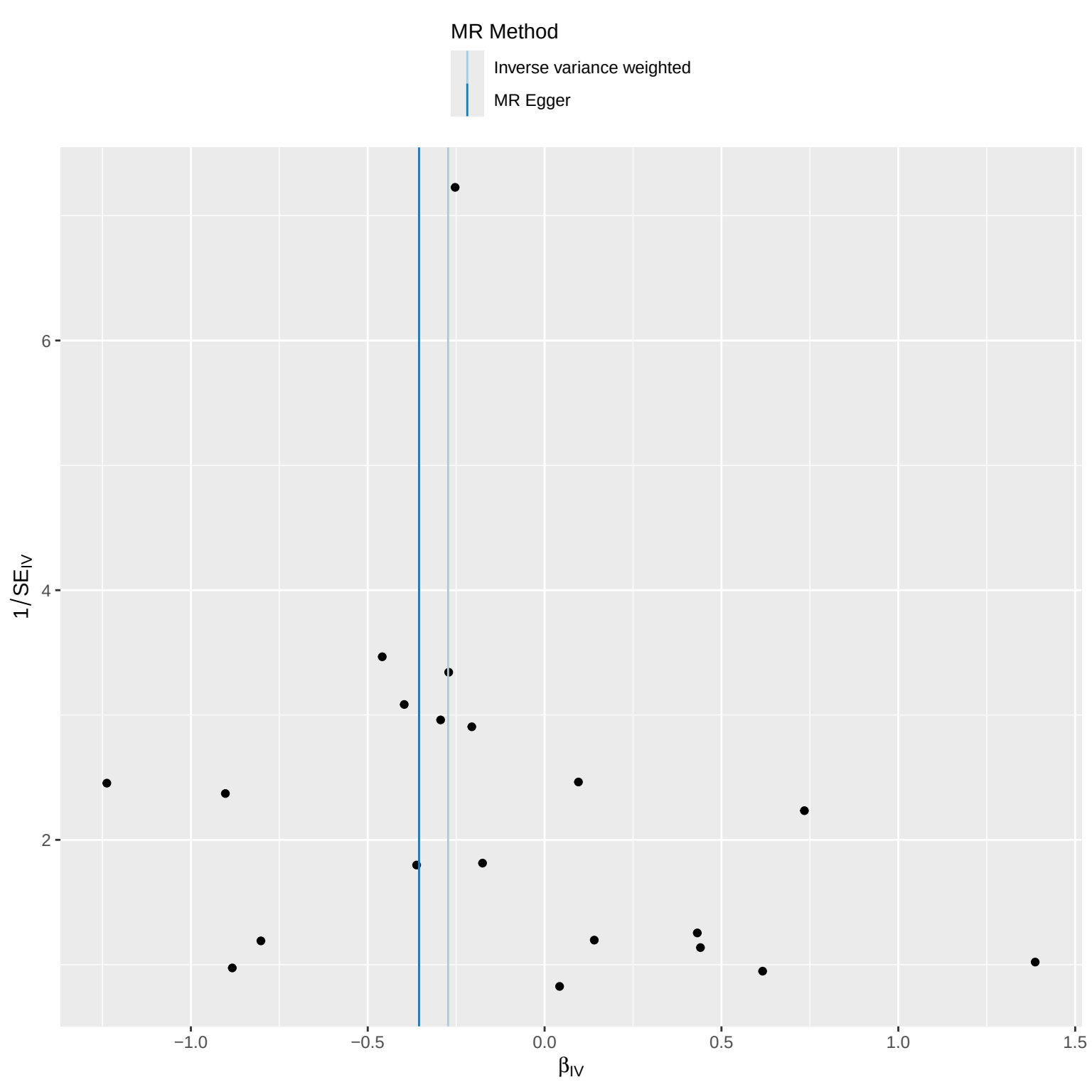

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

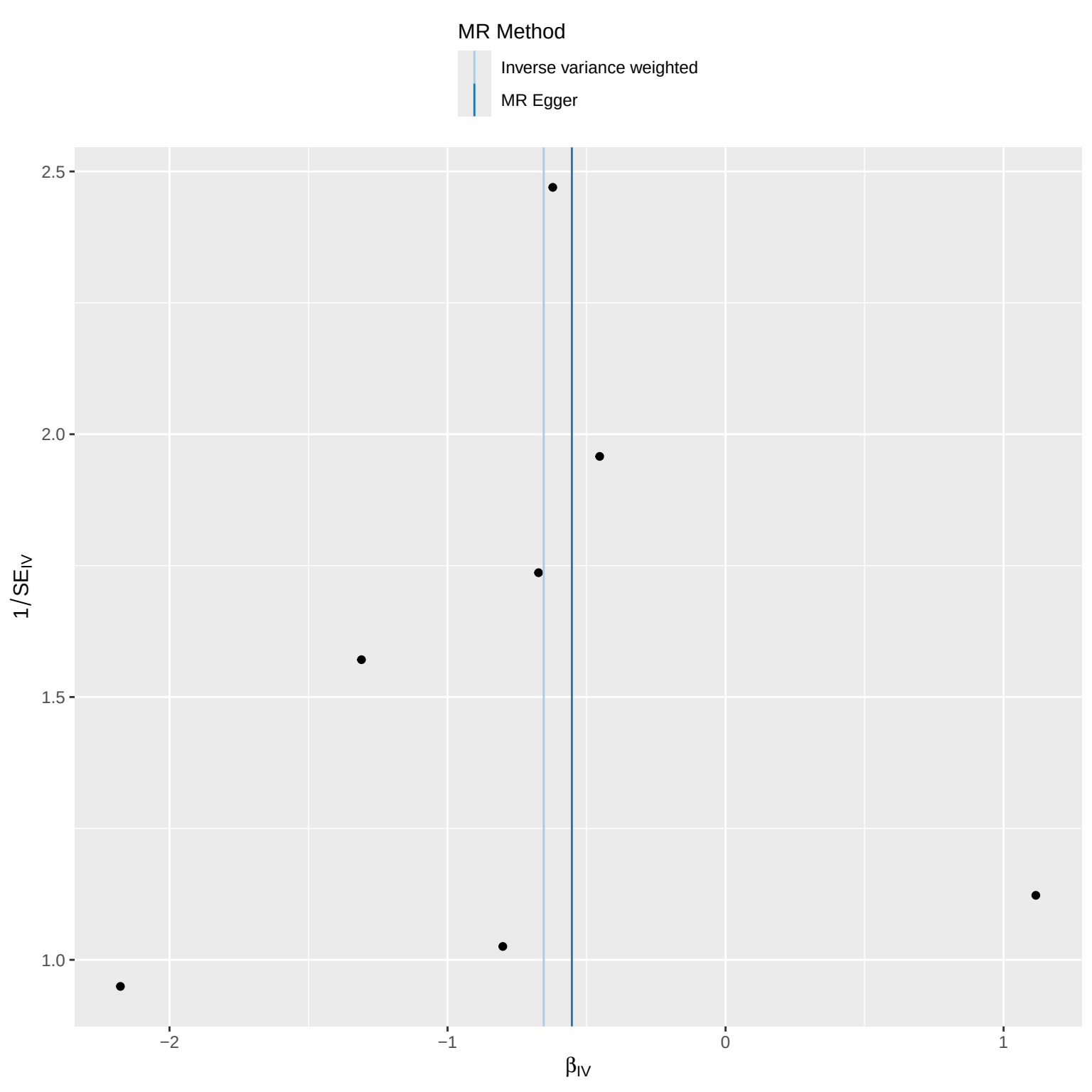

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

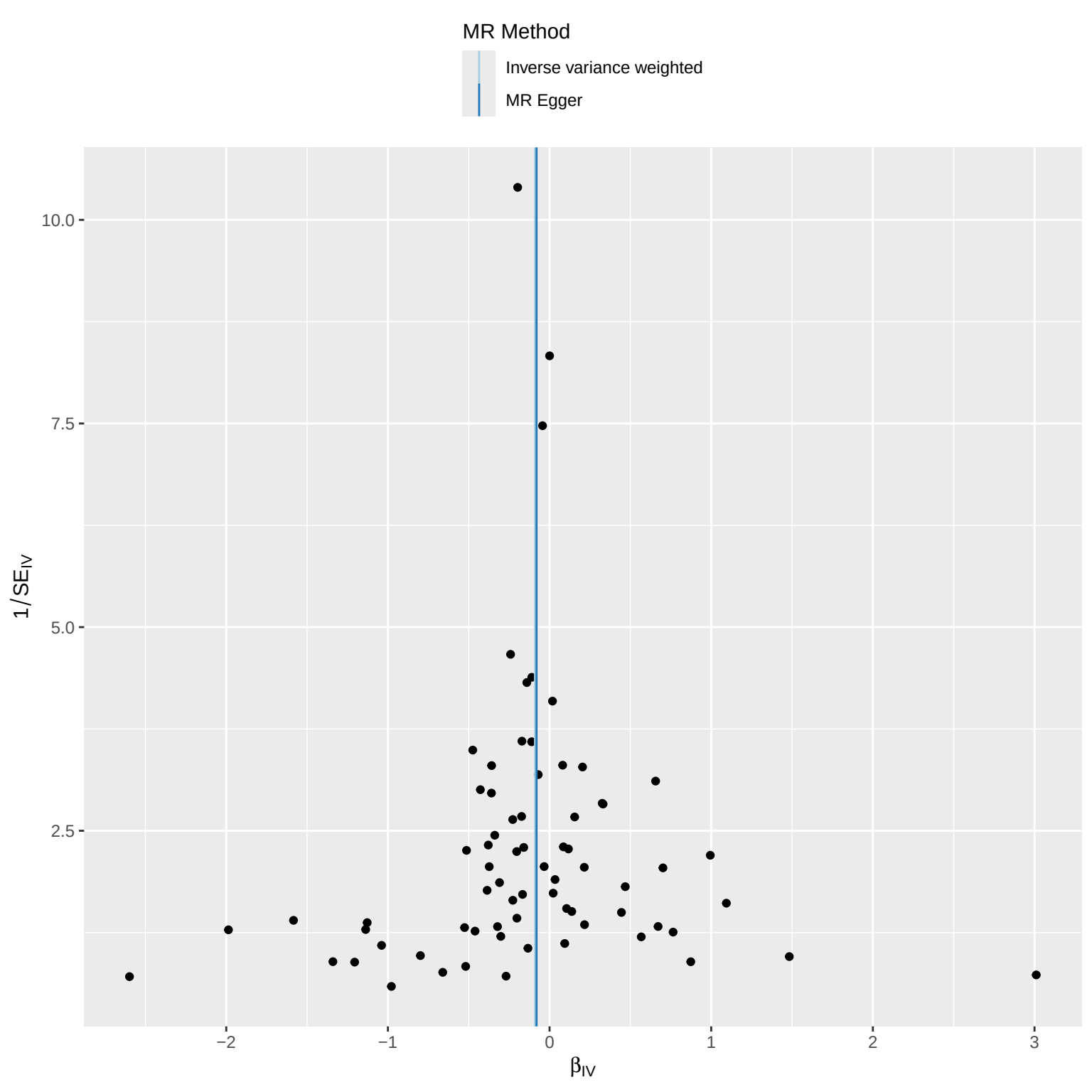

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

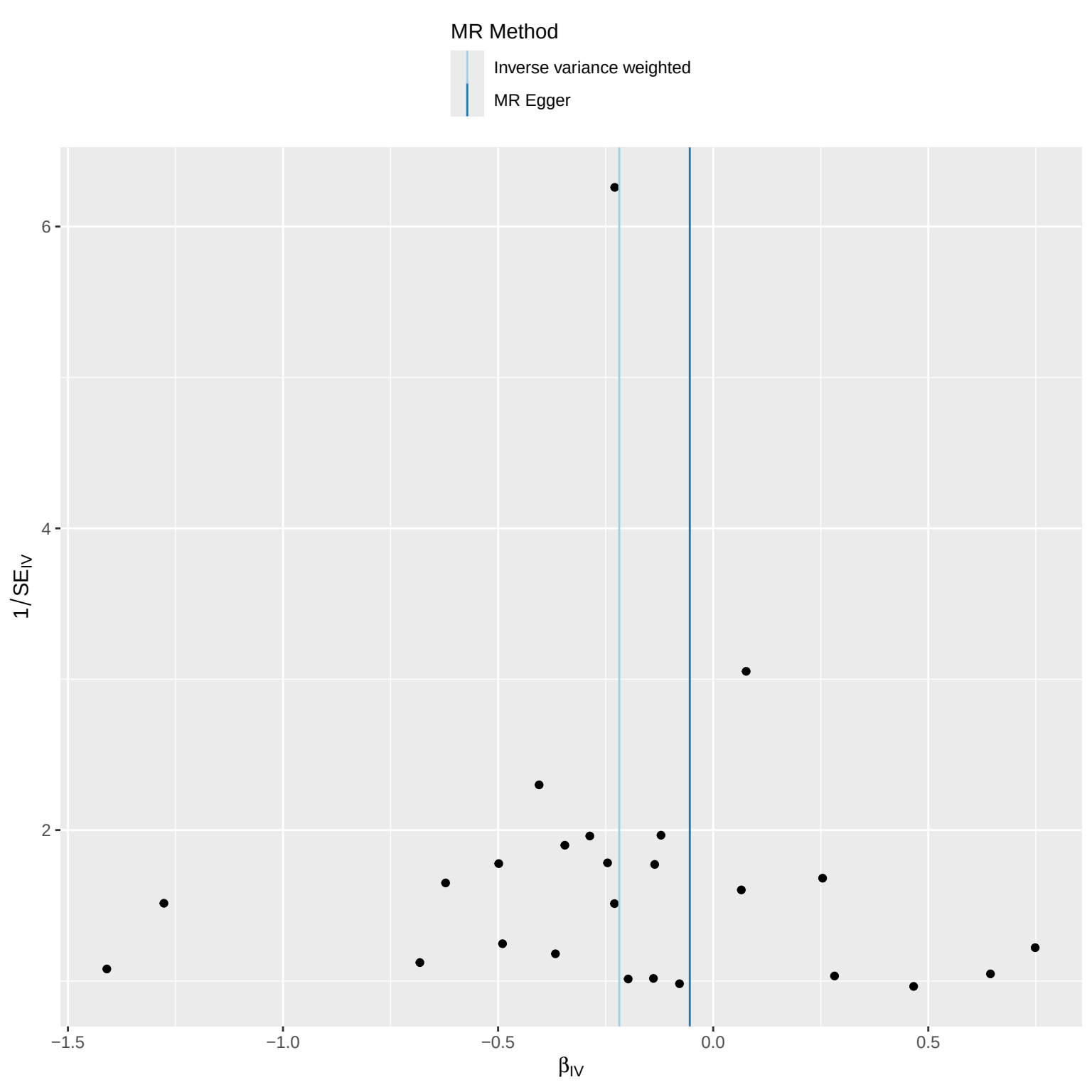

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

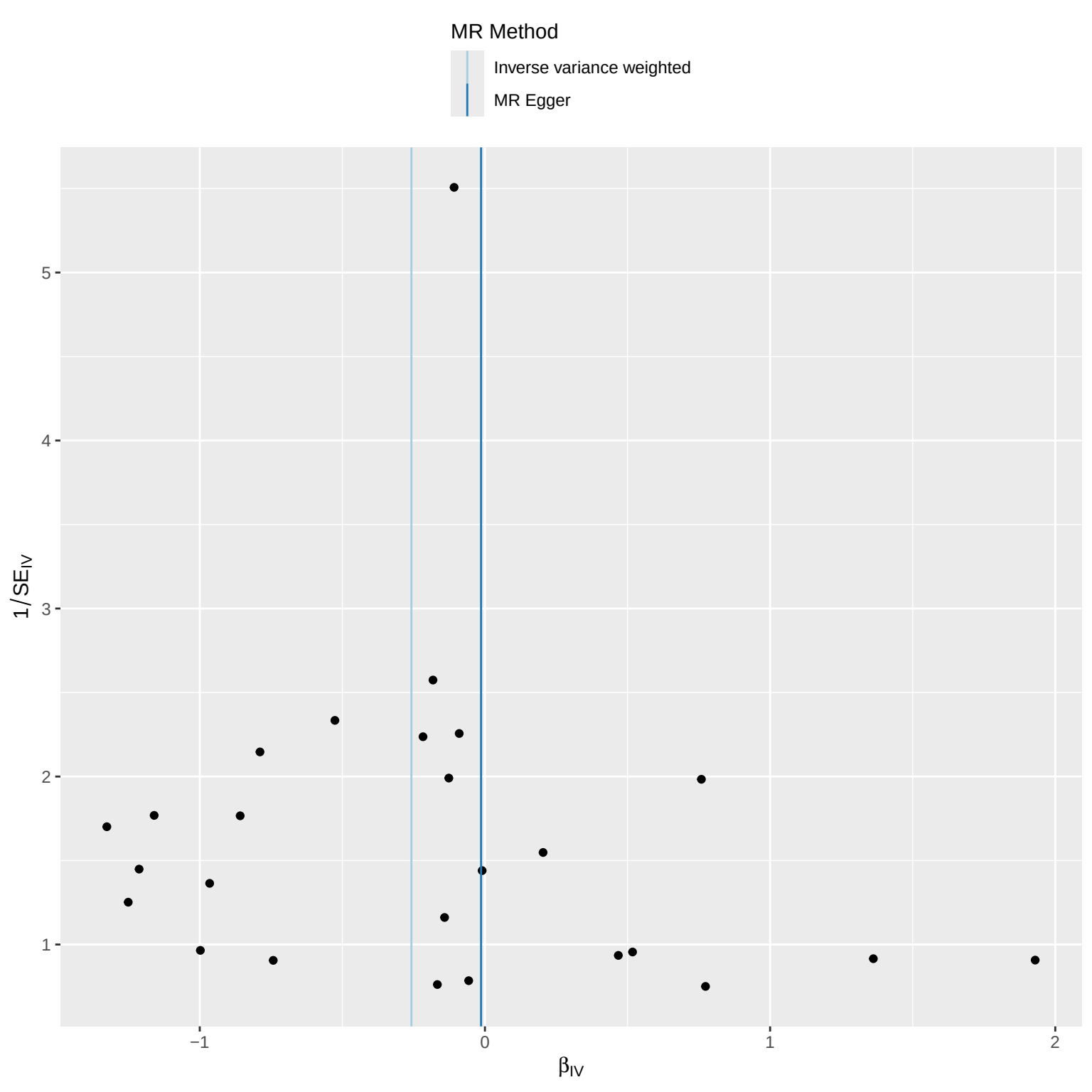

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

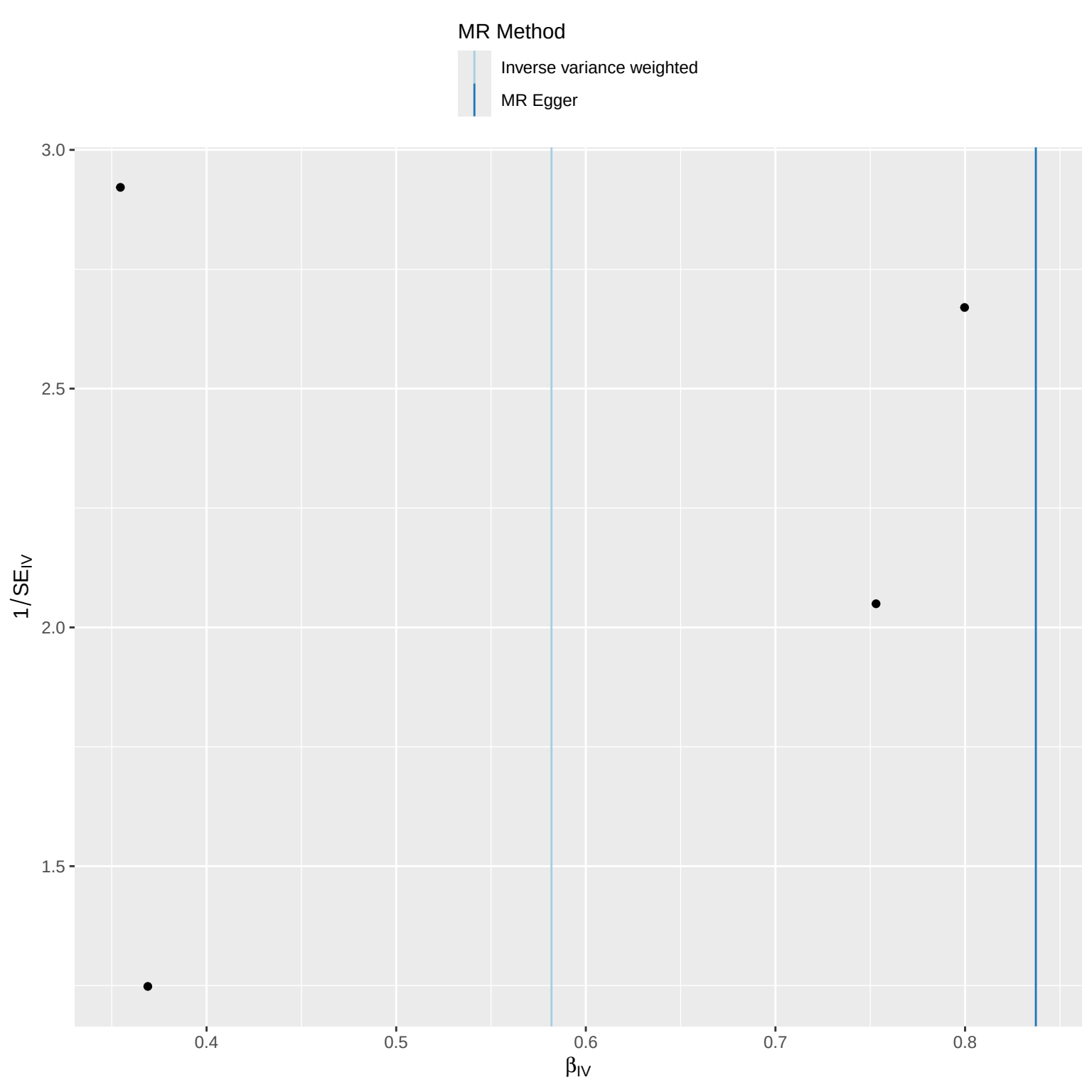

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

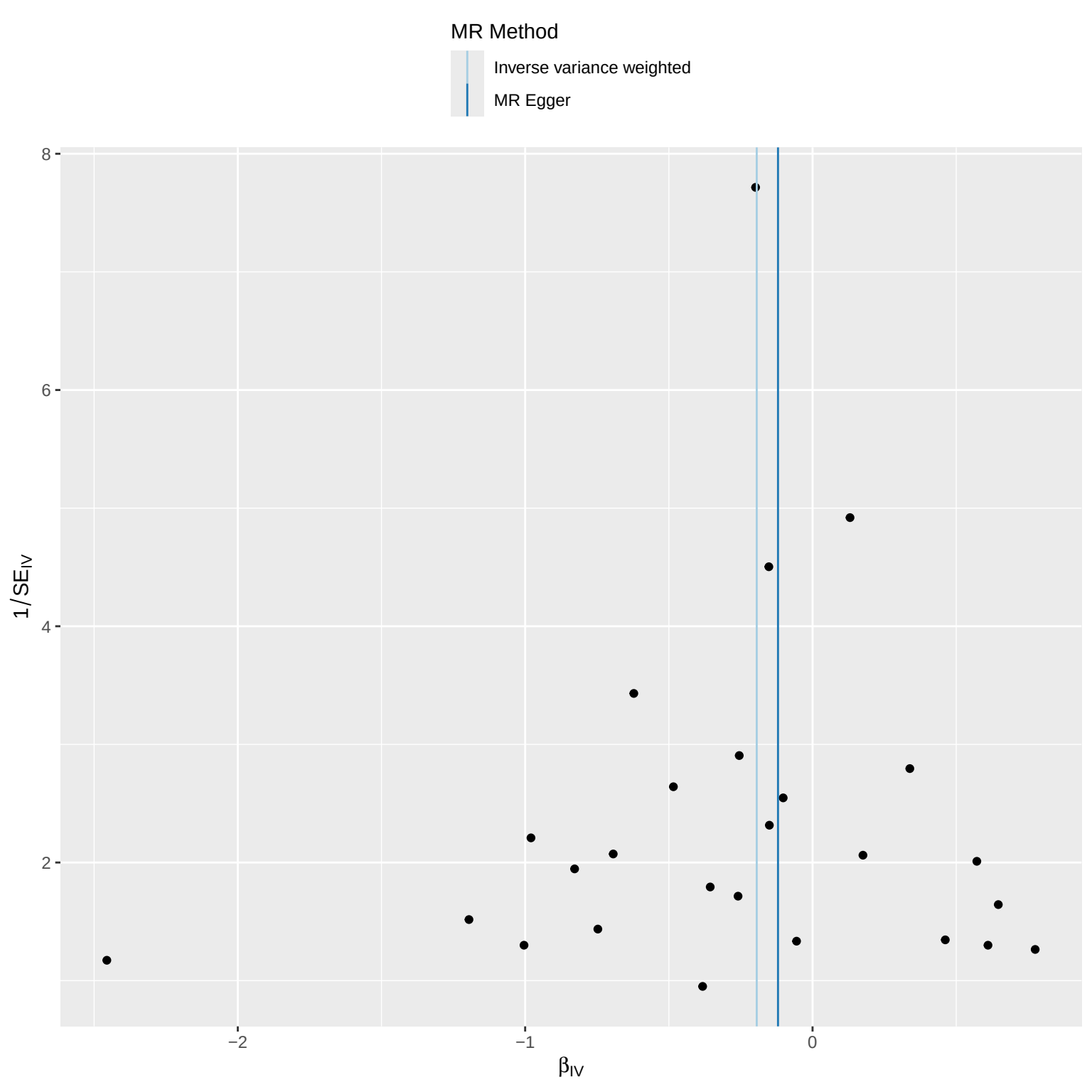

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

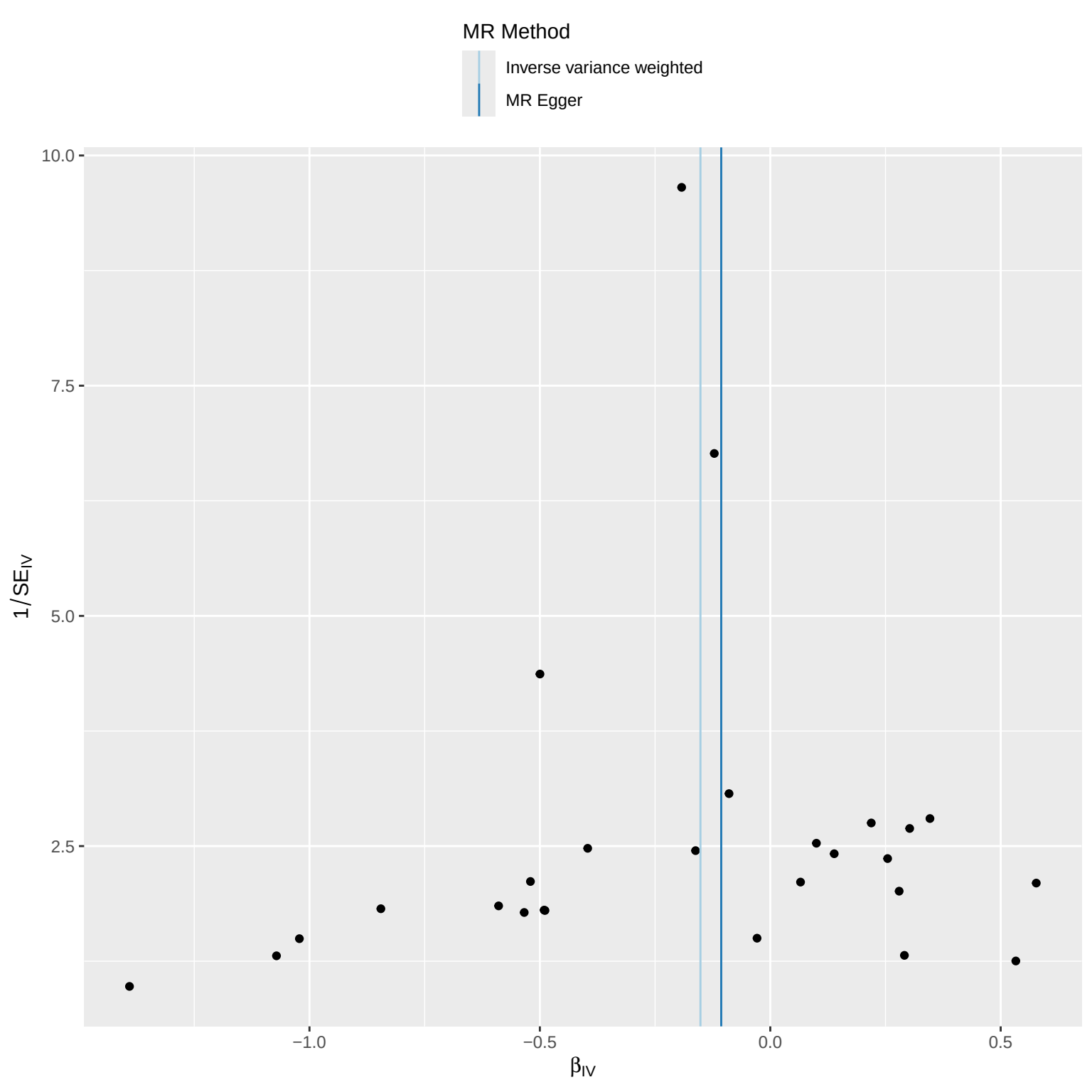

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

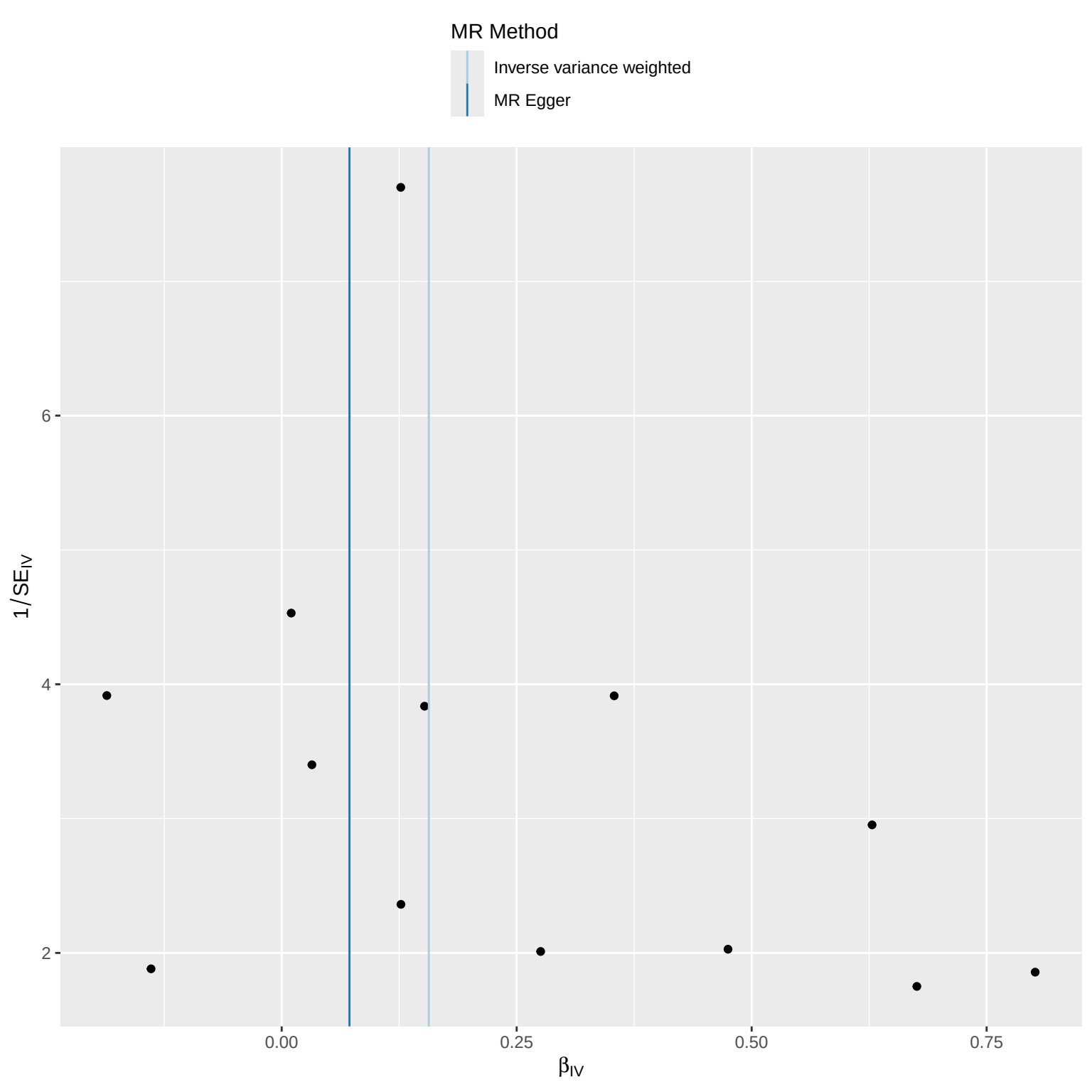

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

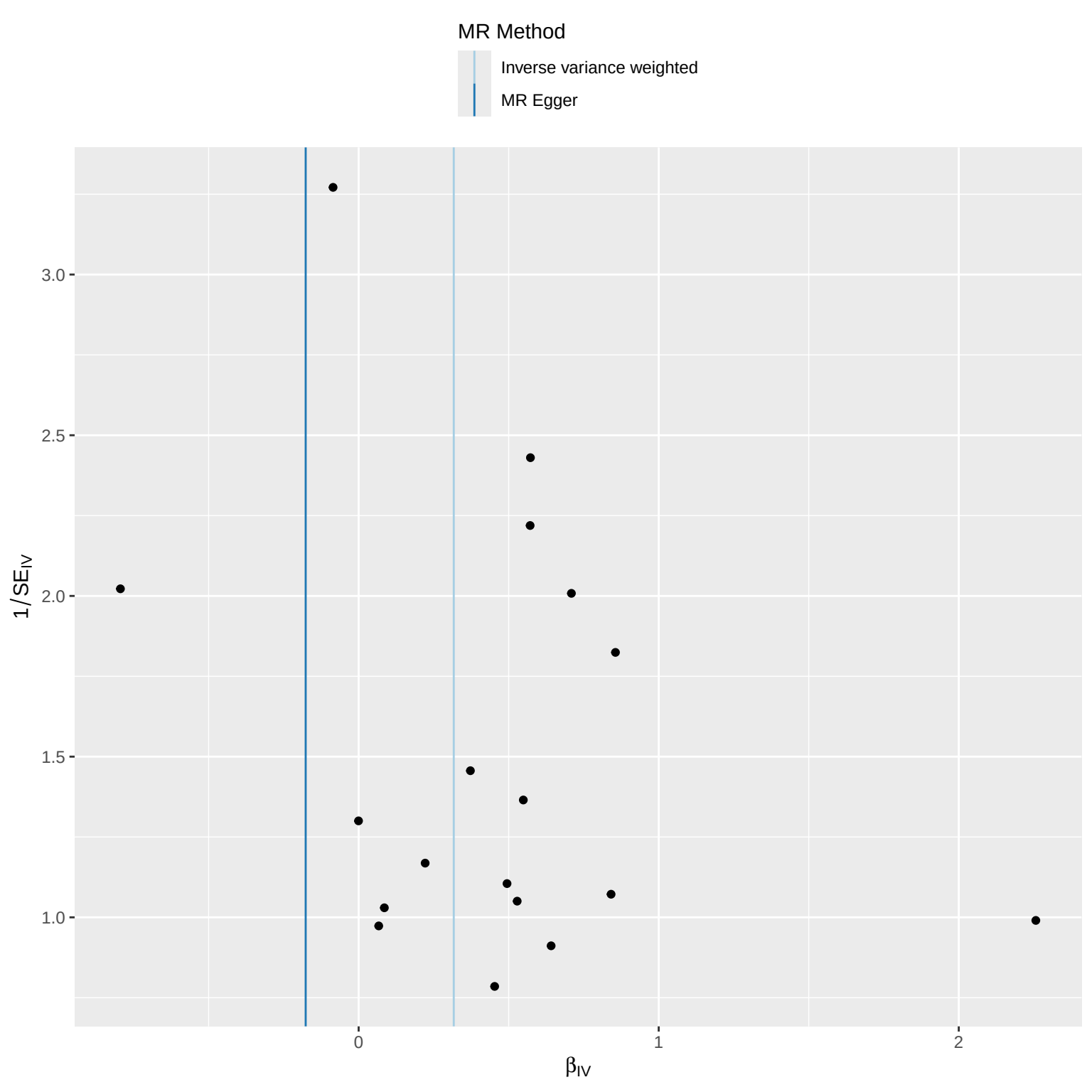

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1
0
1
2

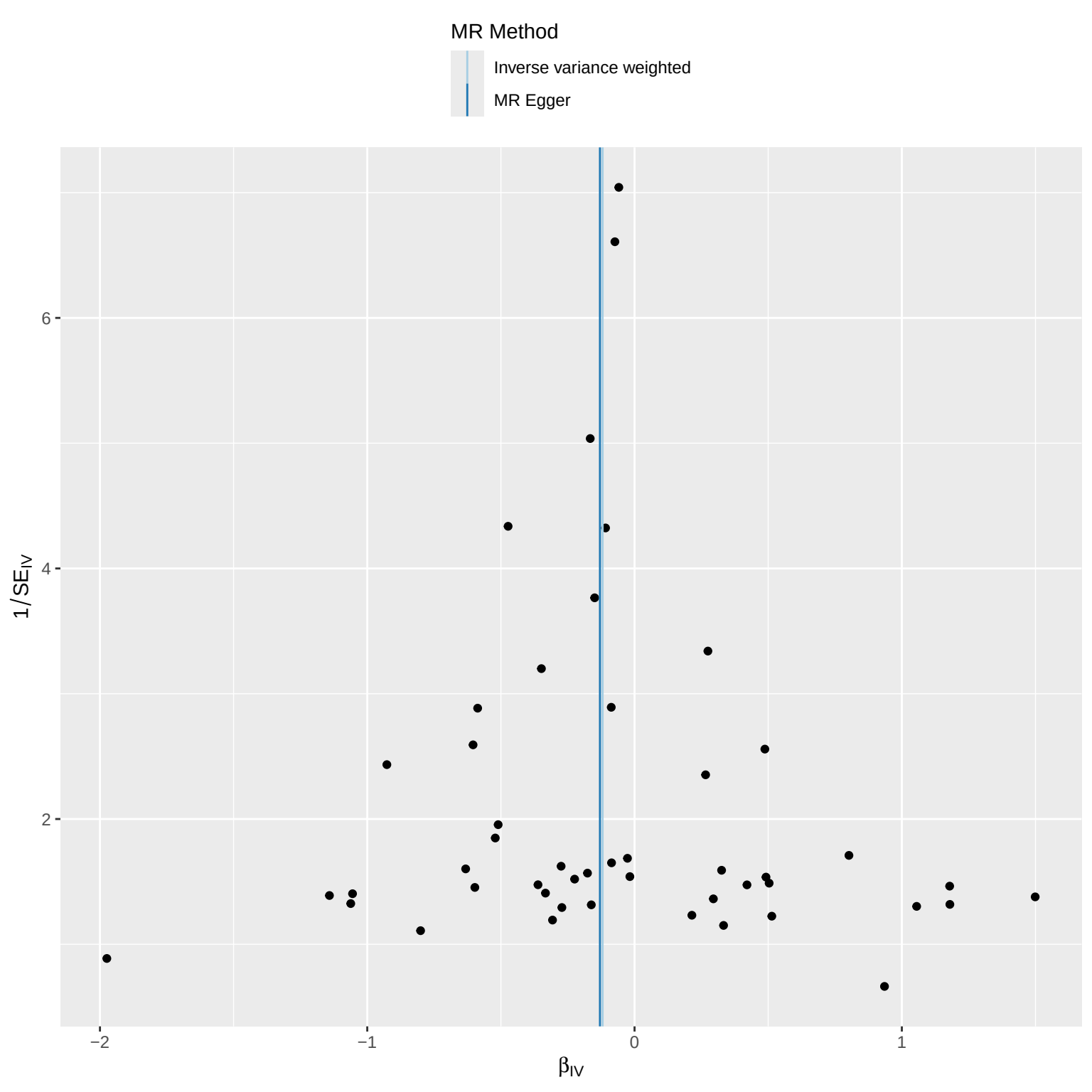

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.4
0.5
0.6
0.7
0.8
β_IV

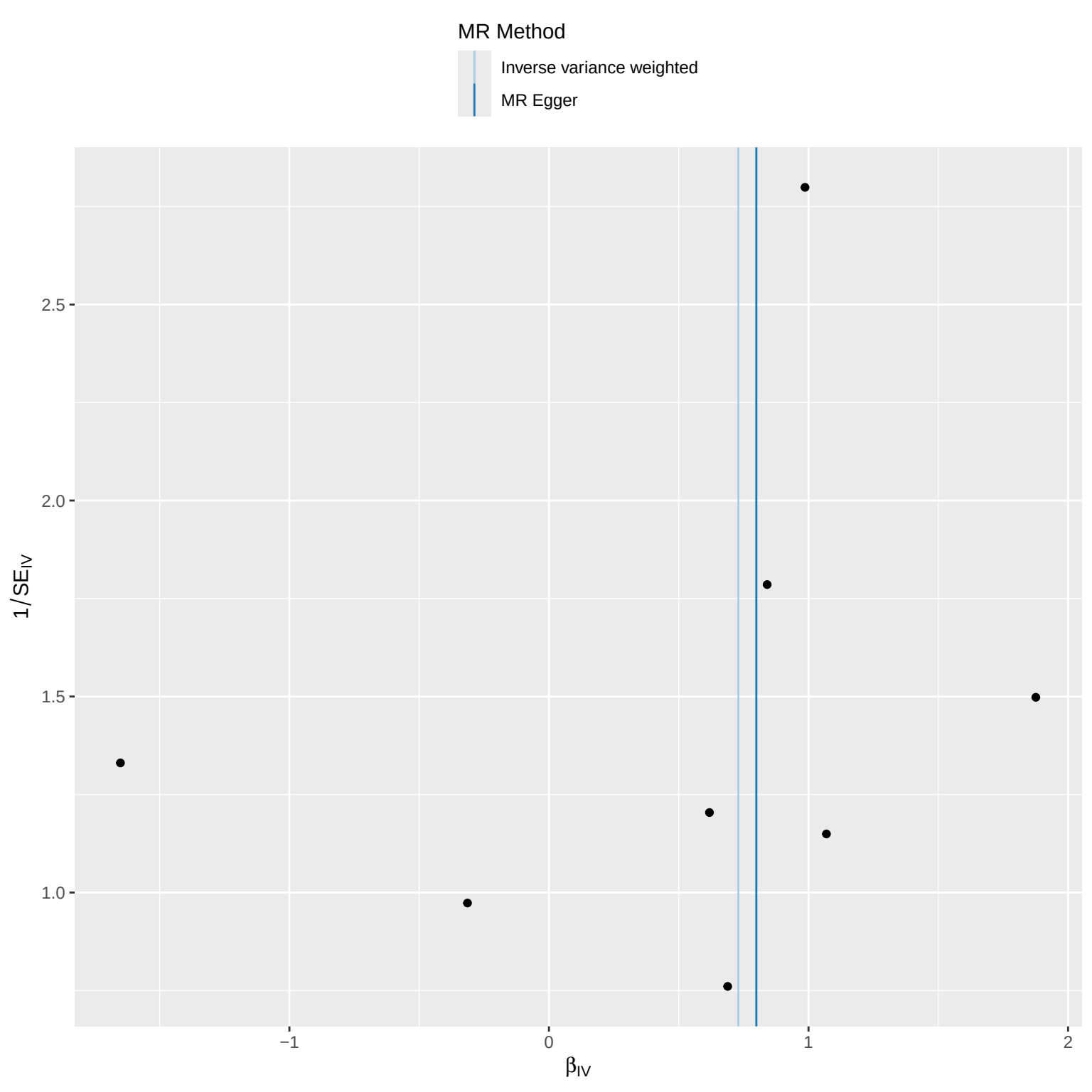

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
β_IV

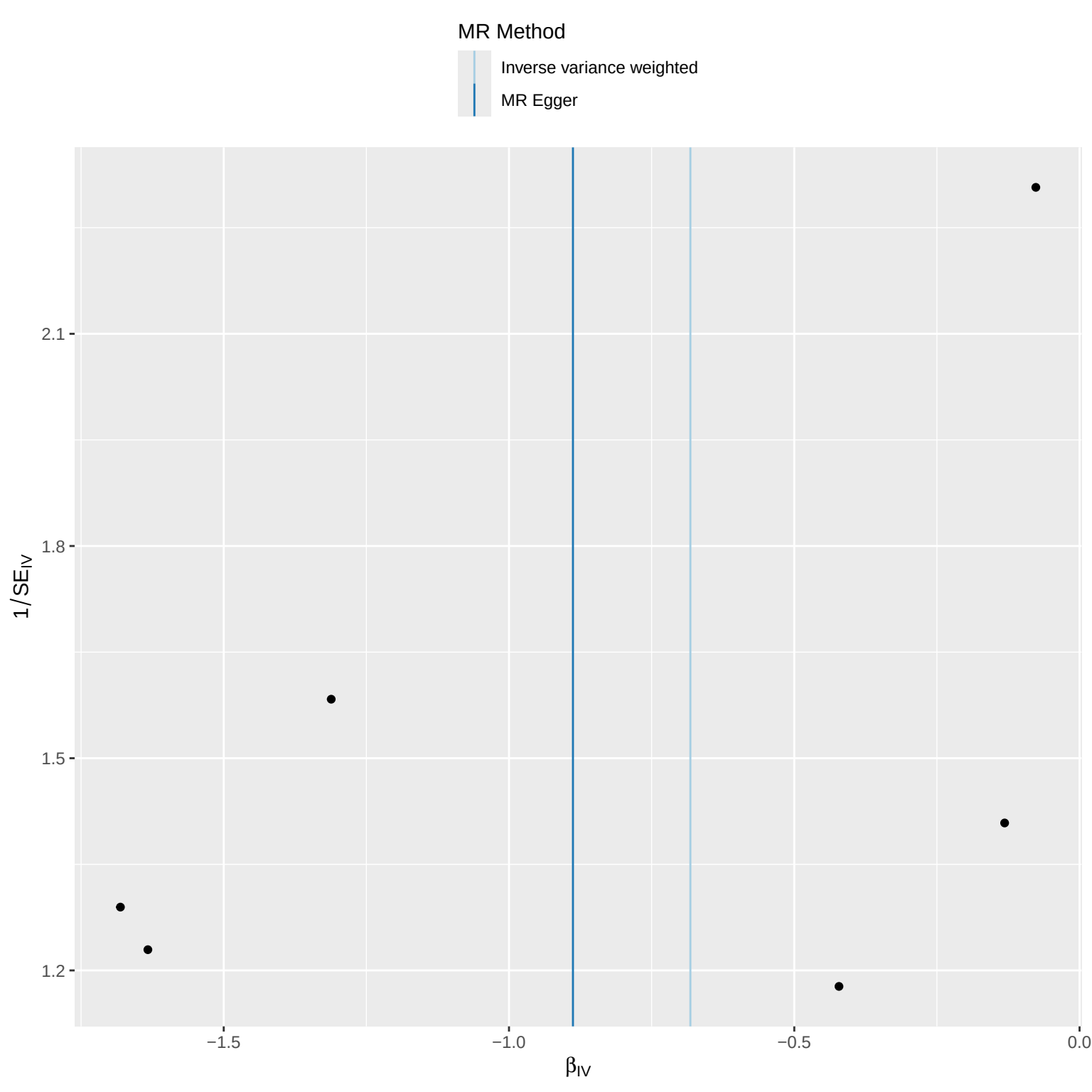

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

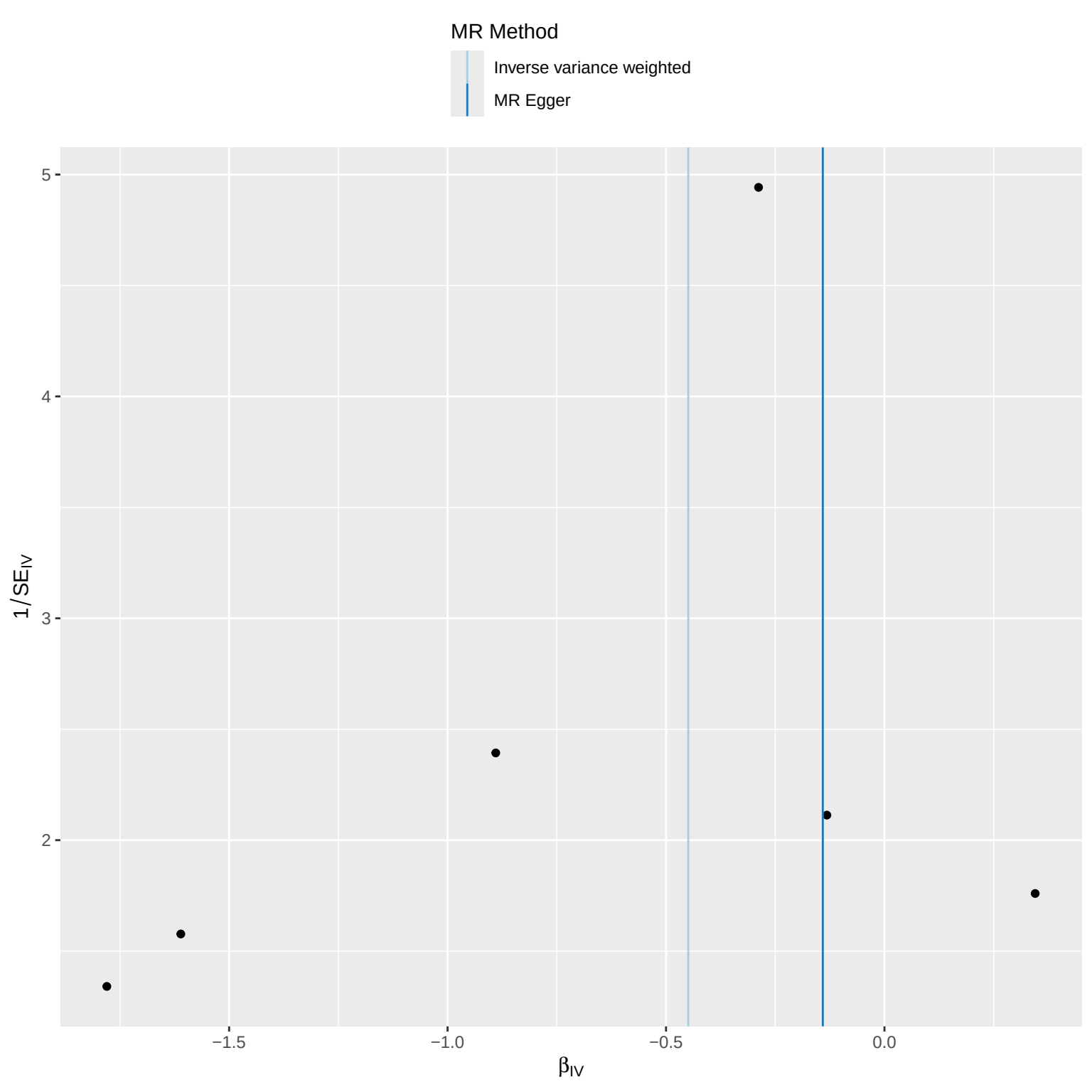

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

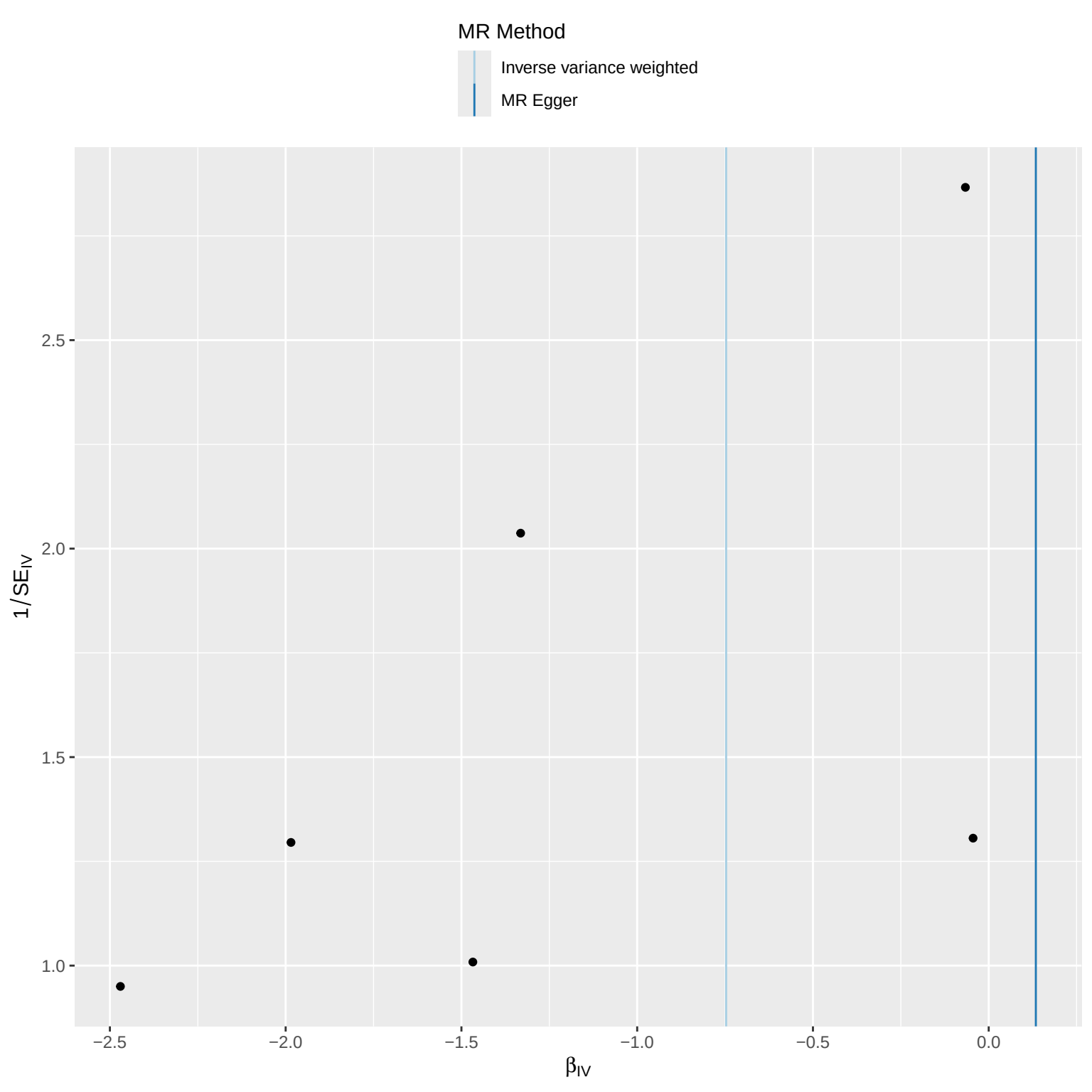

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

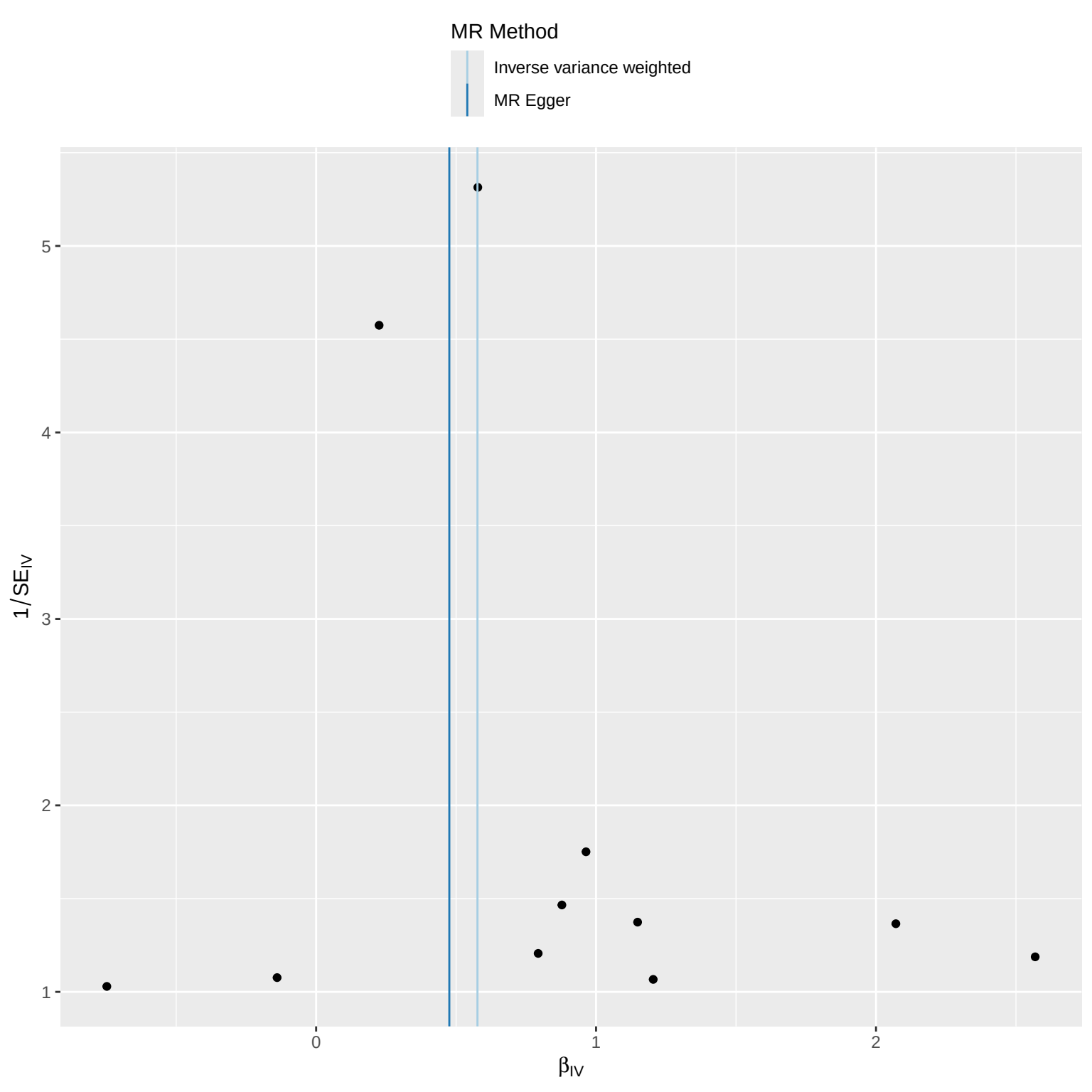

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

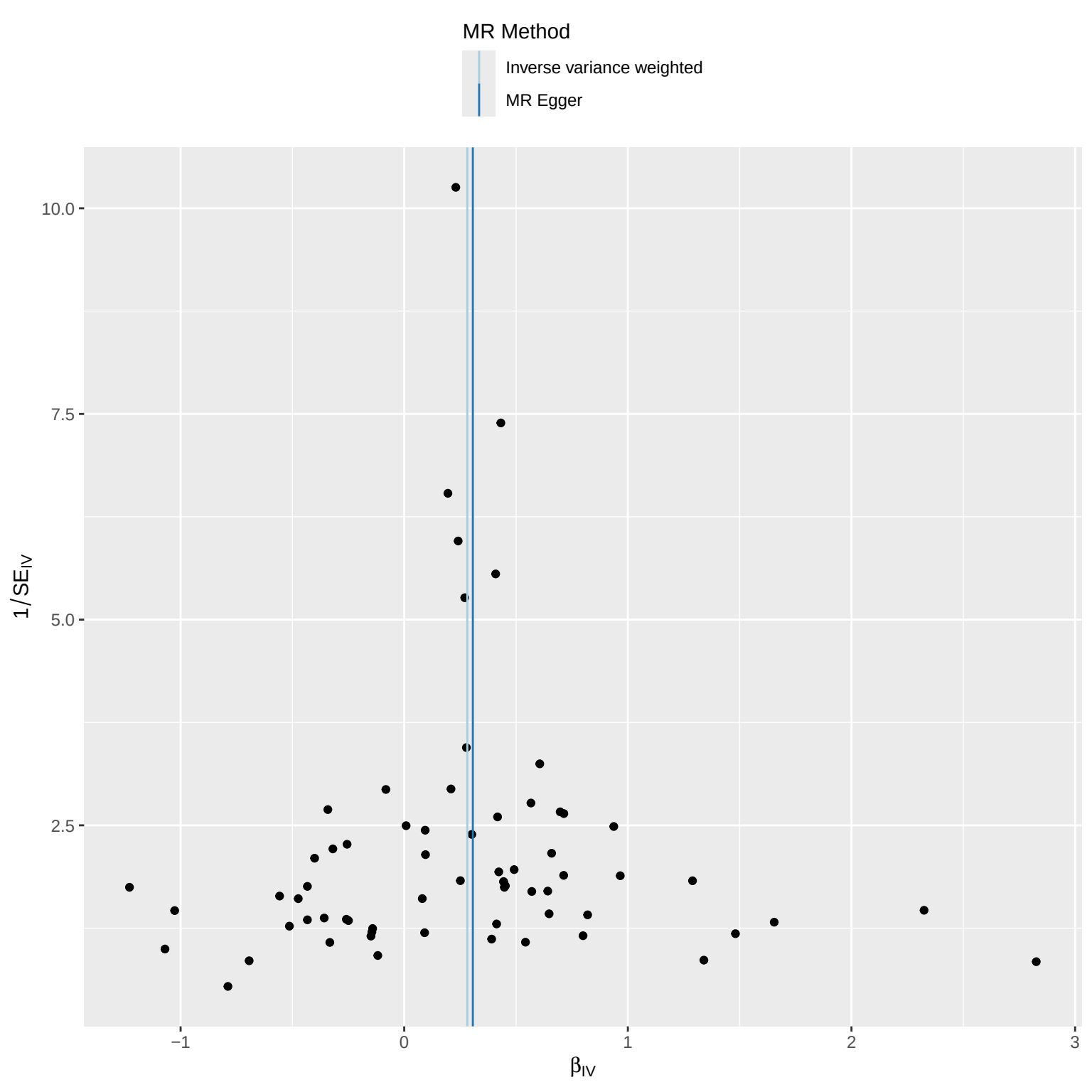

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

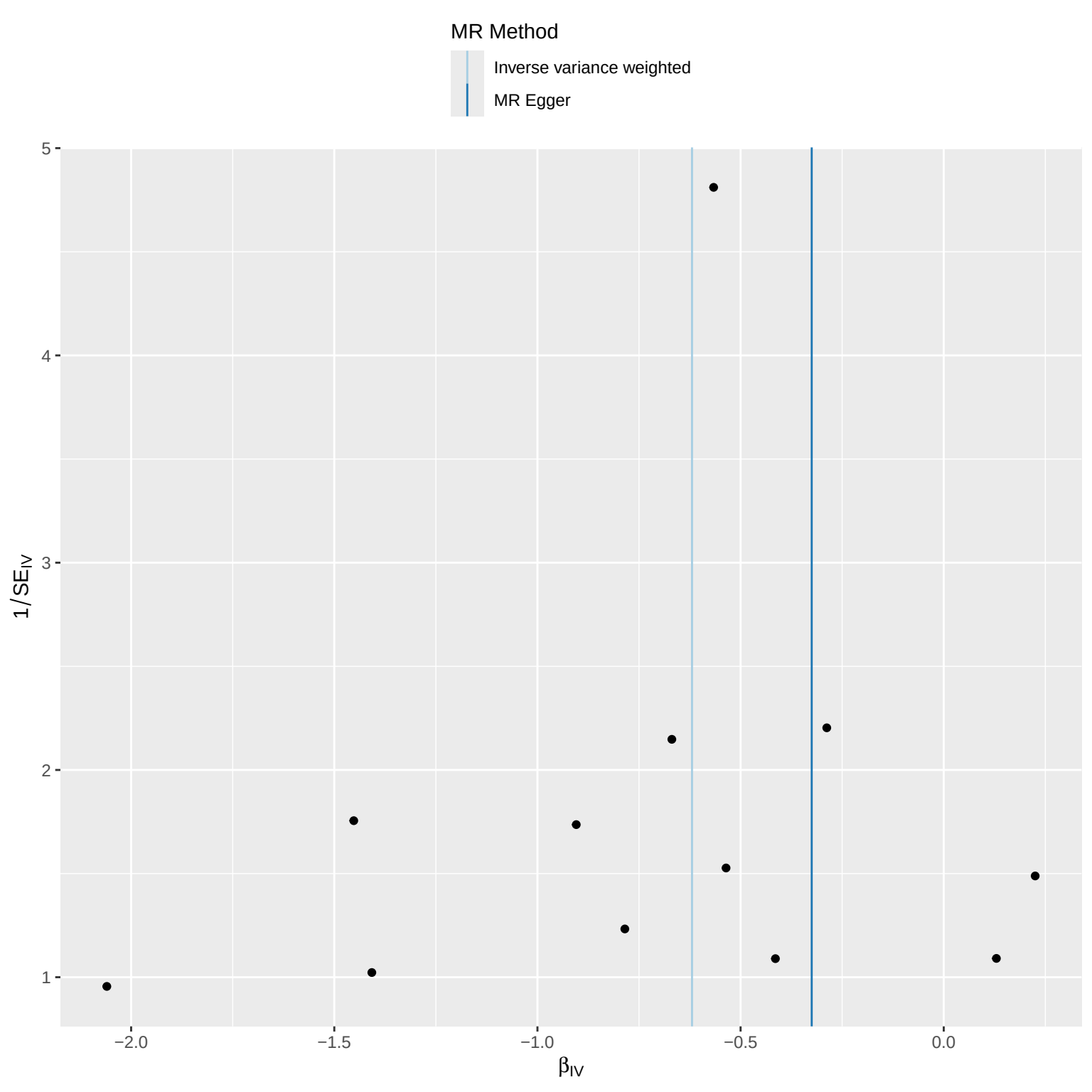

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

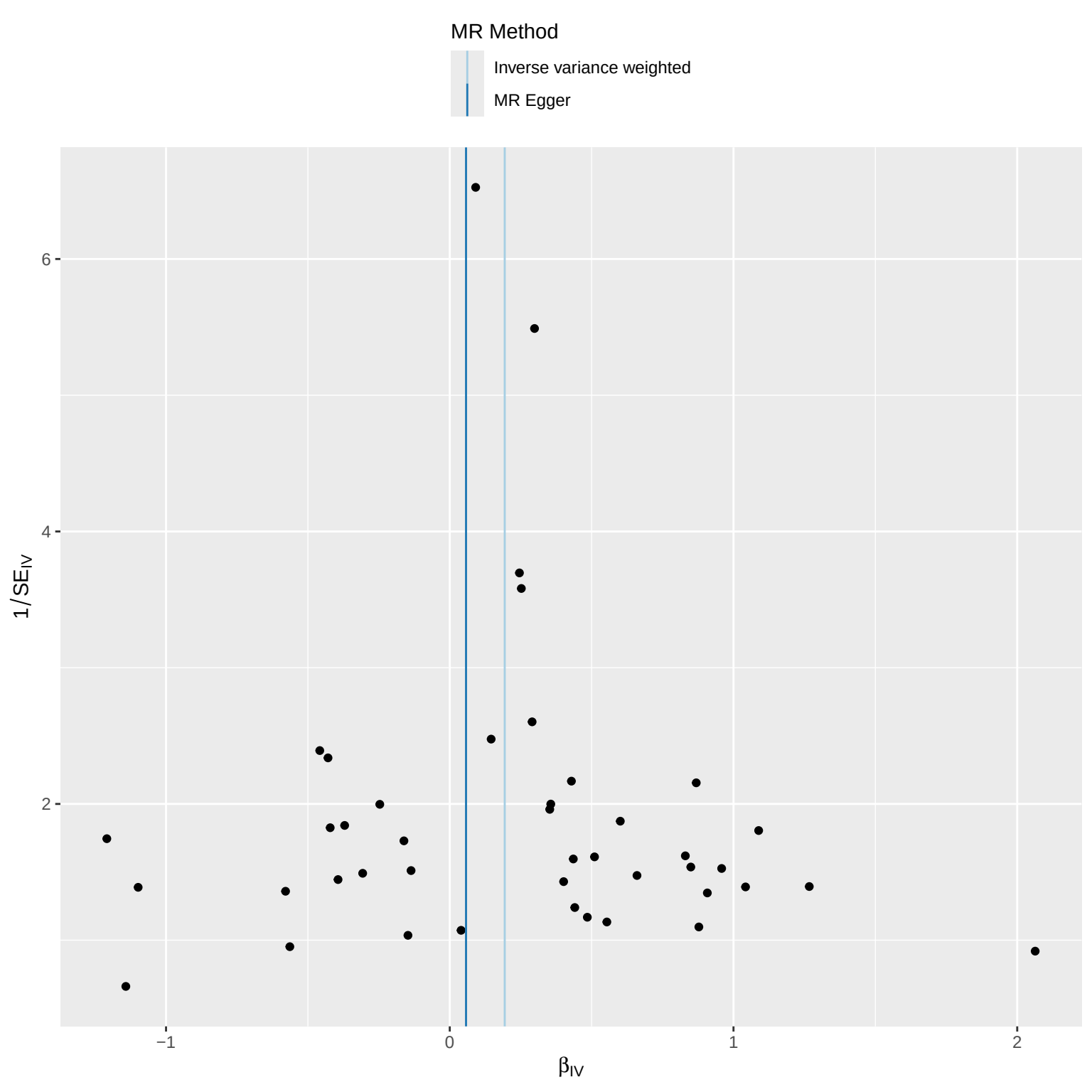

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

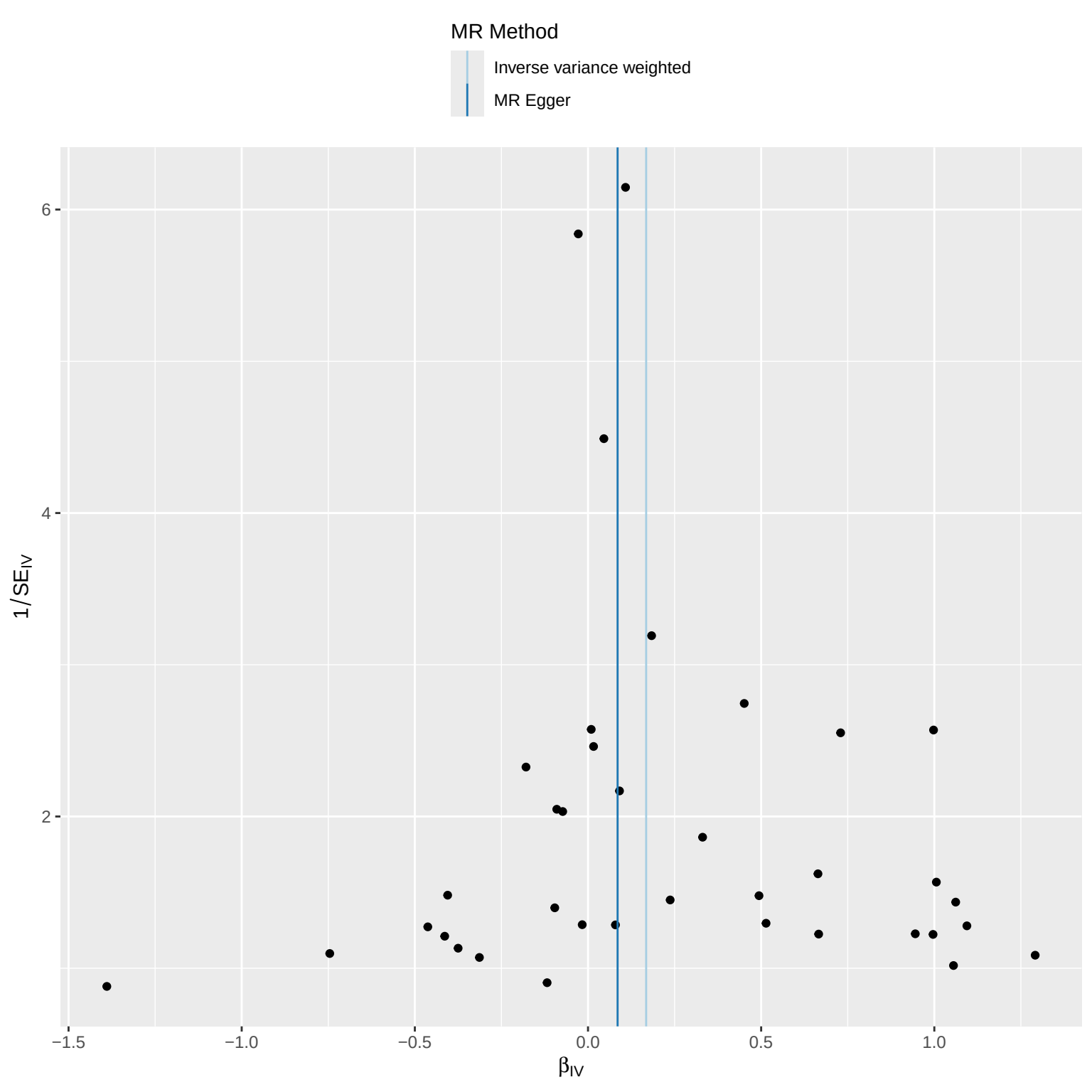

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

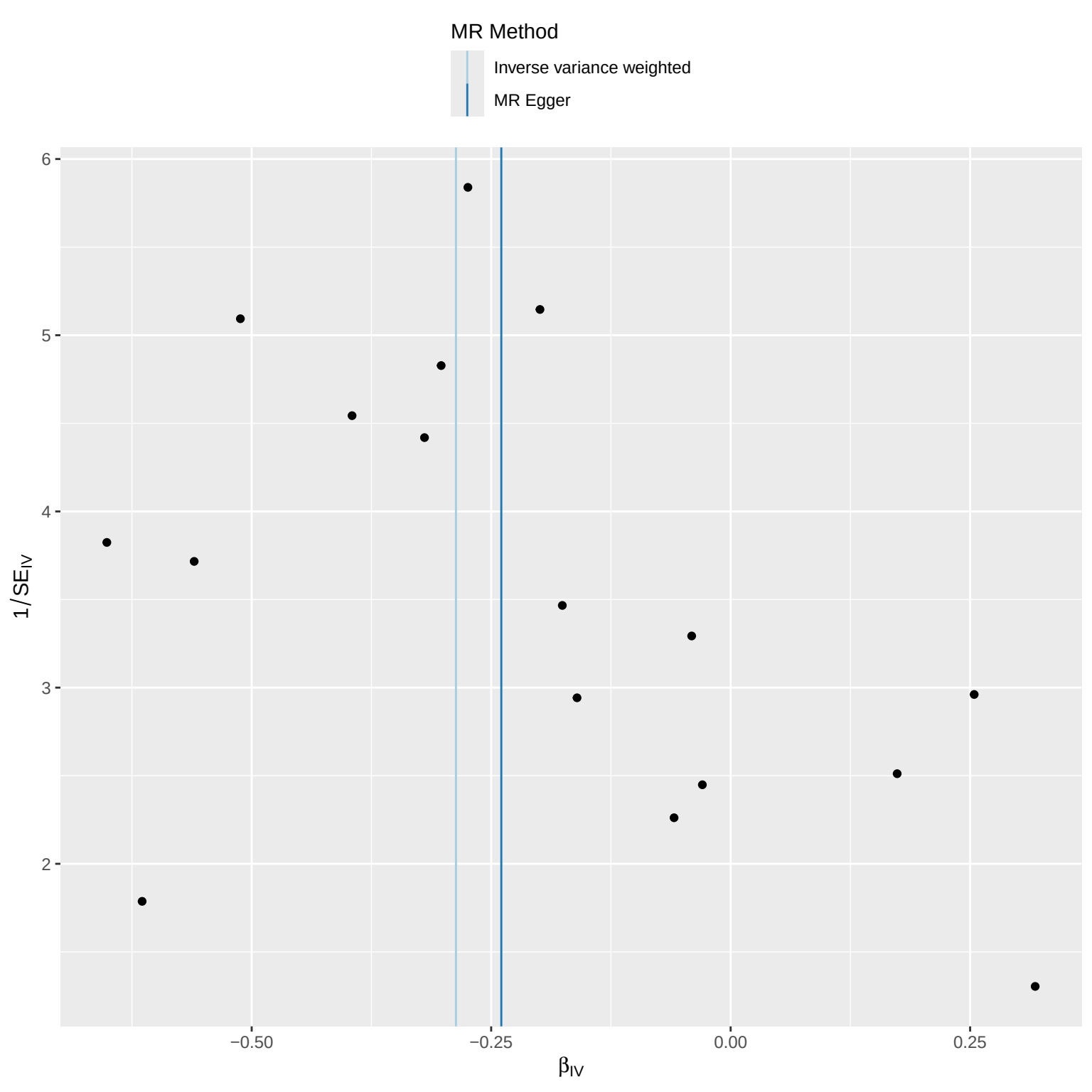

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1
2
1/SE_IV
β_IV

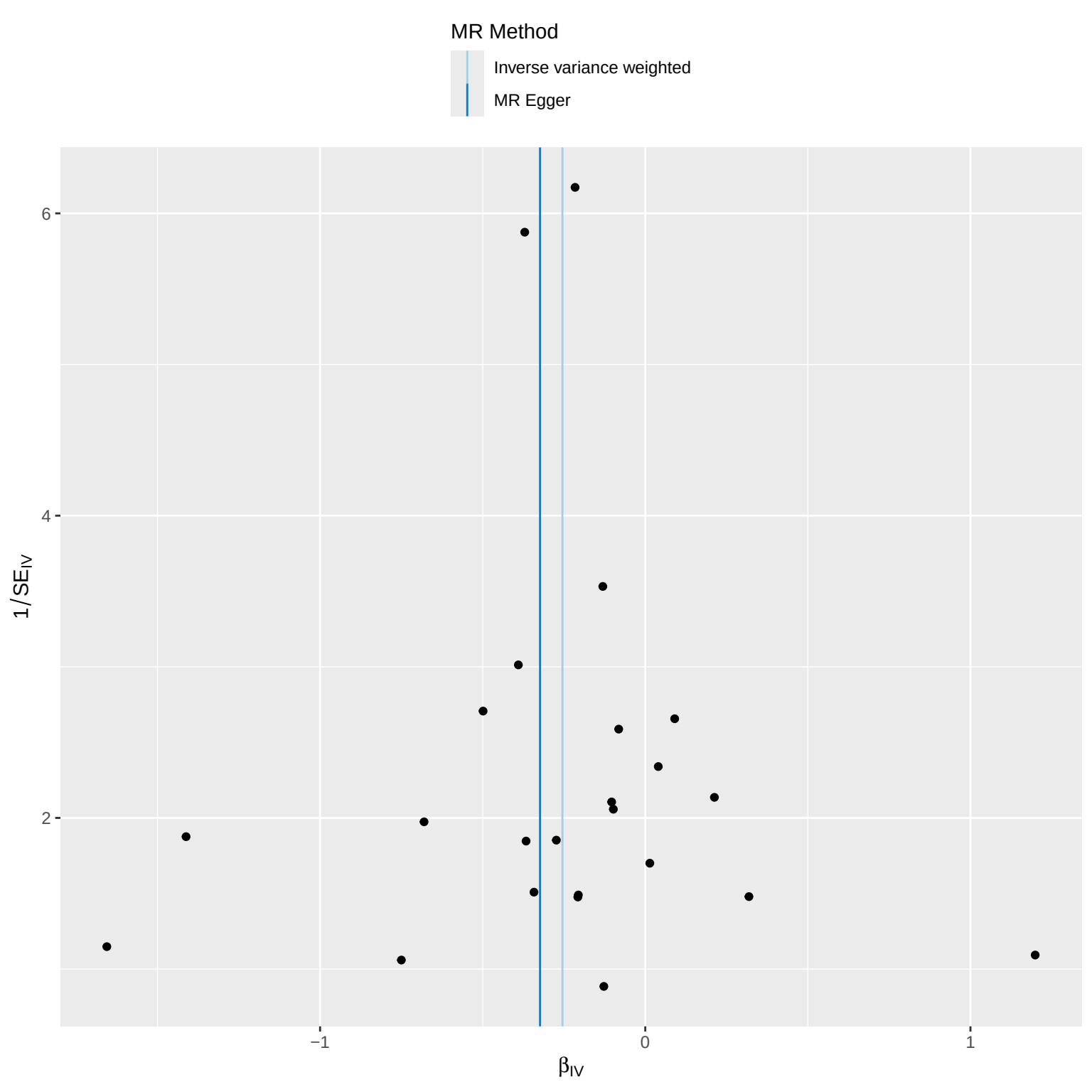

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
3
β_IV

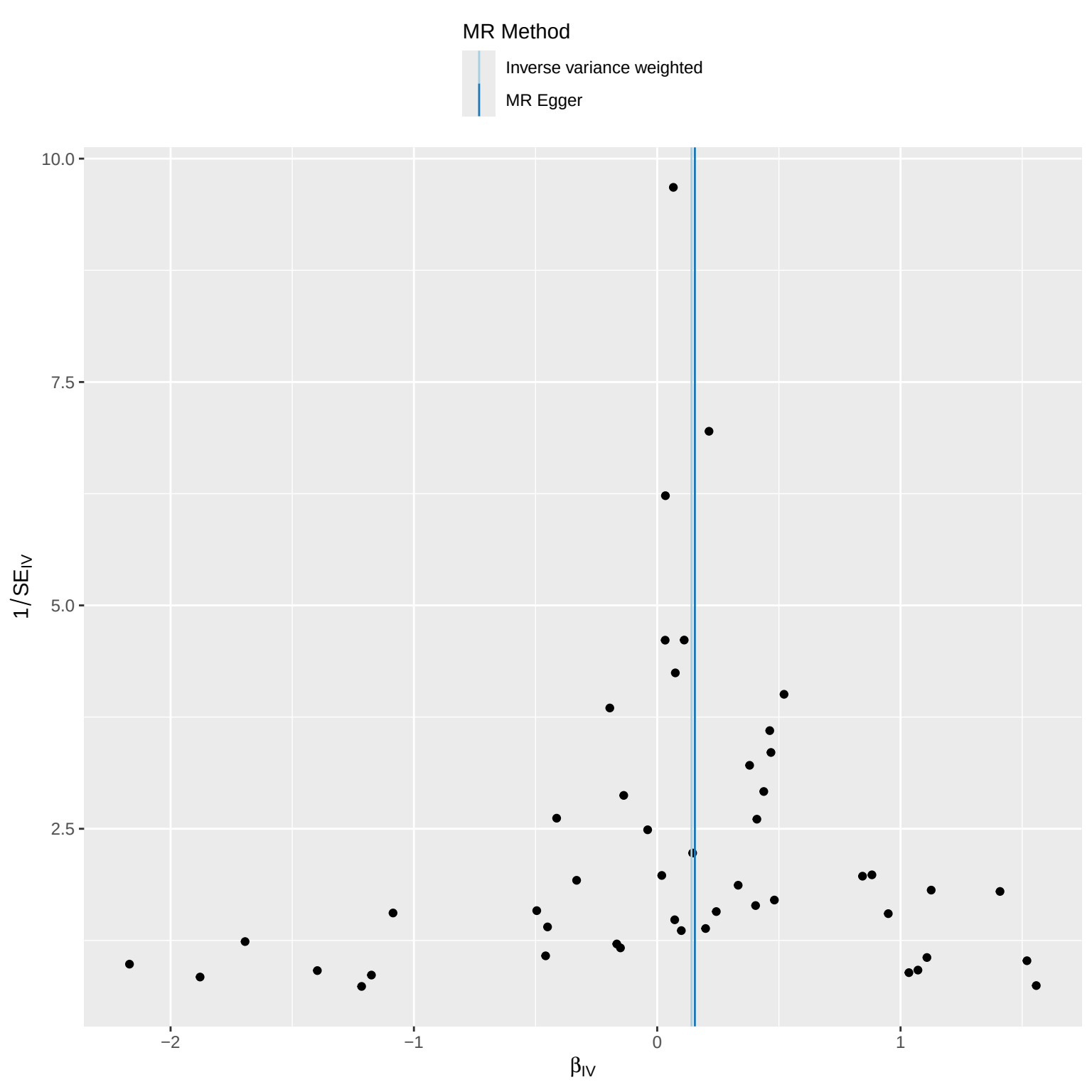

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

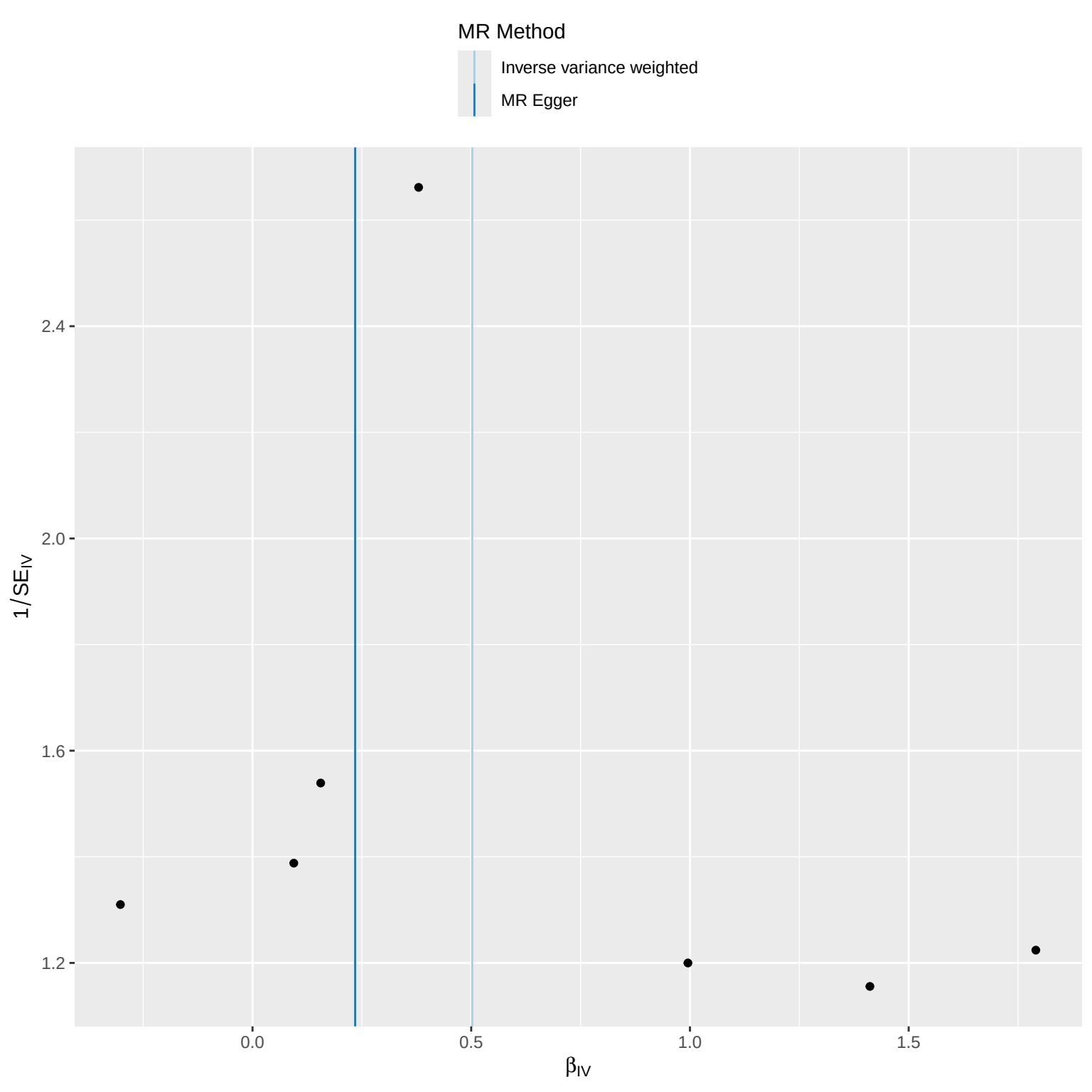

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

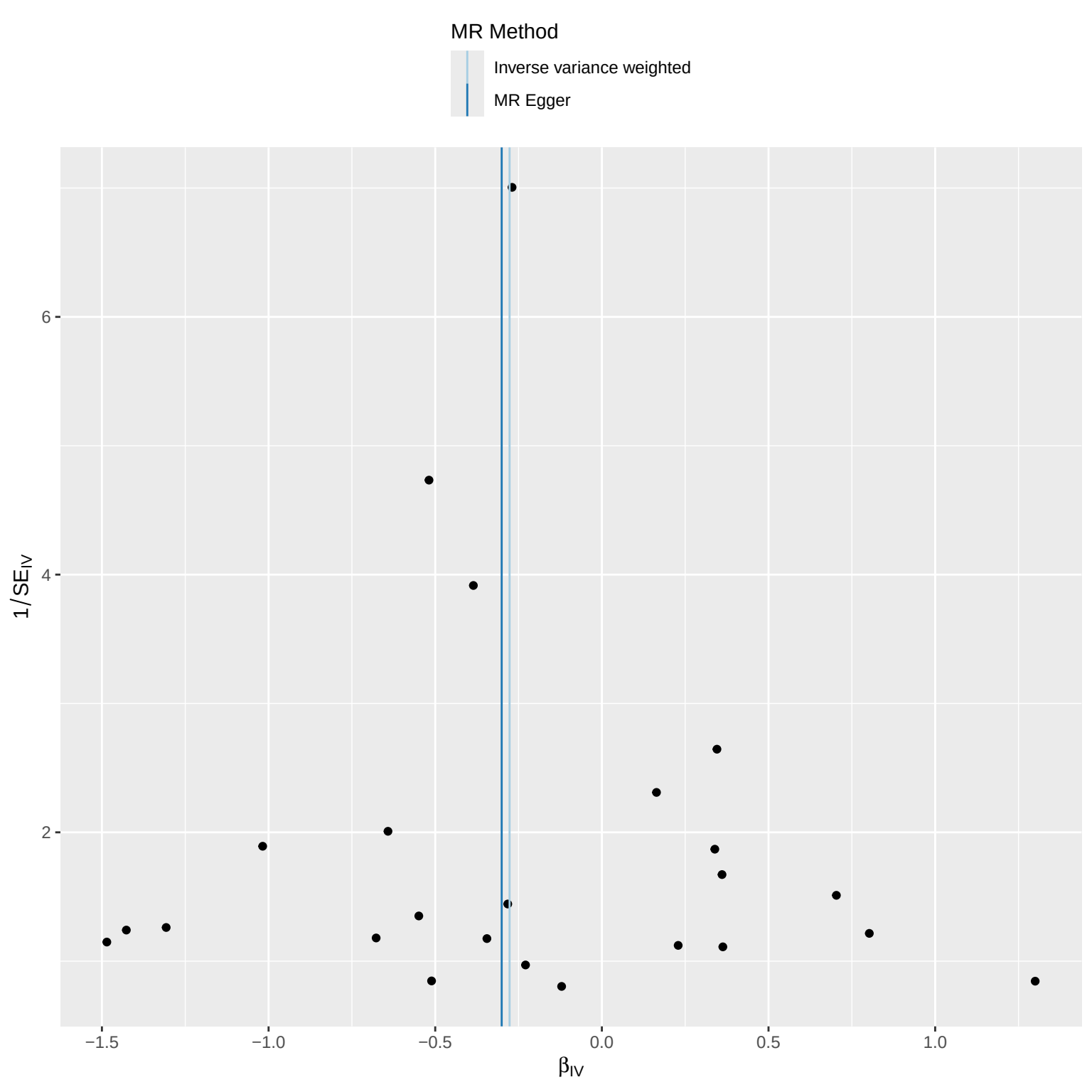

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

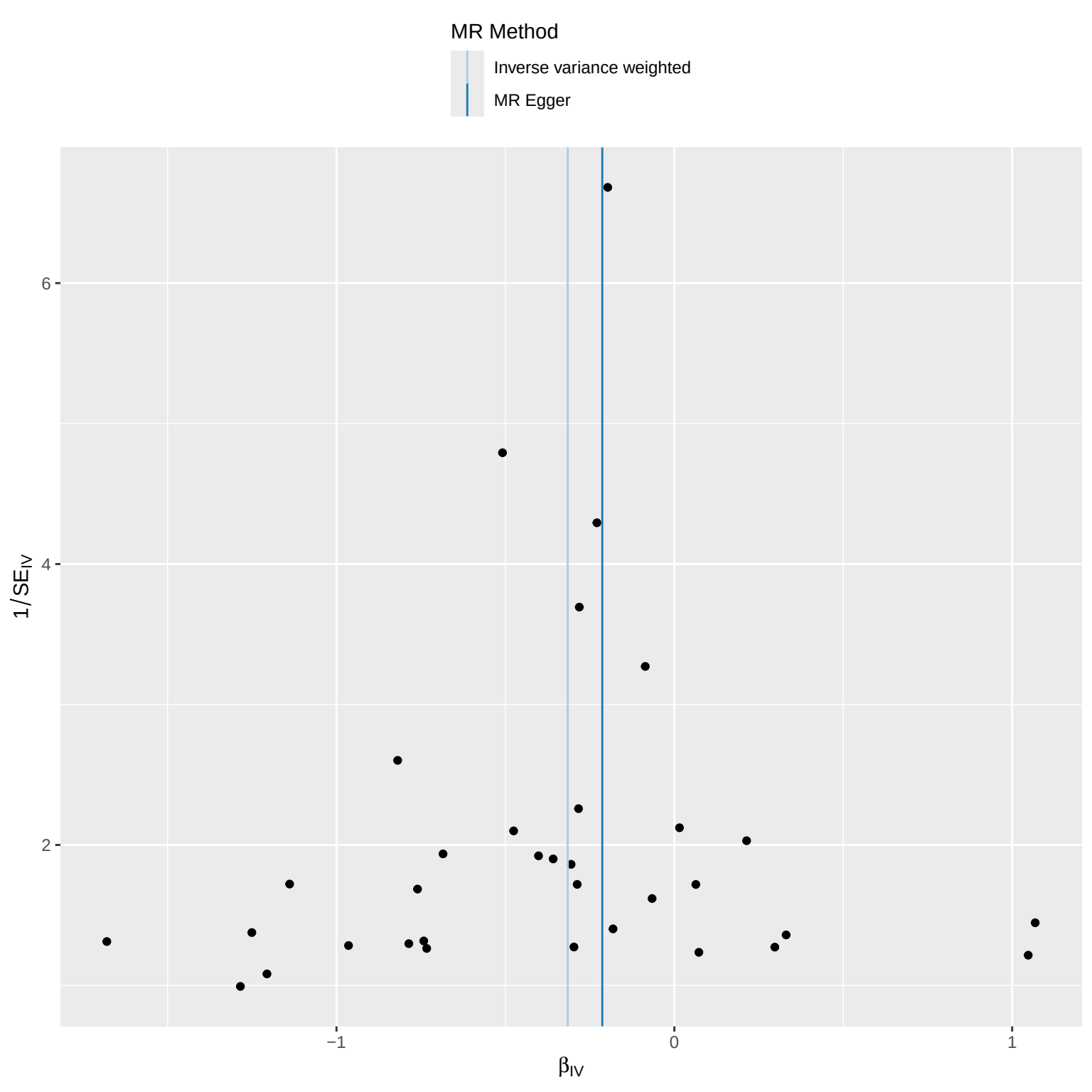

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

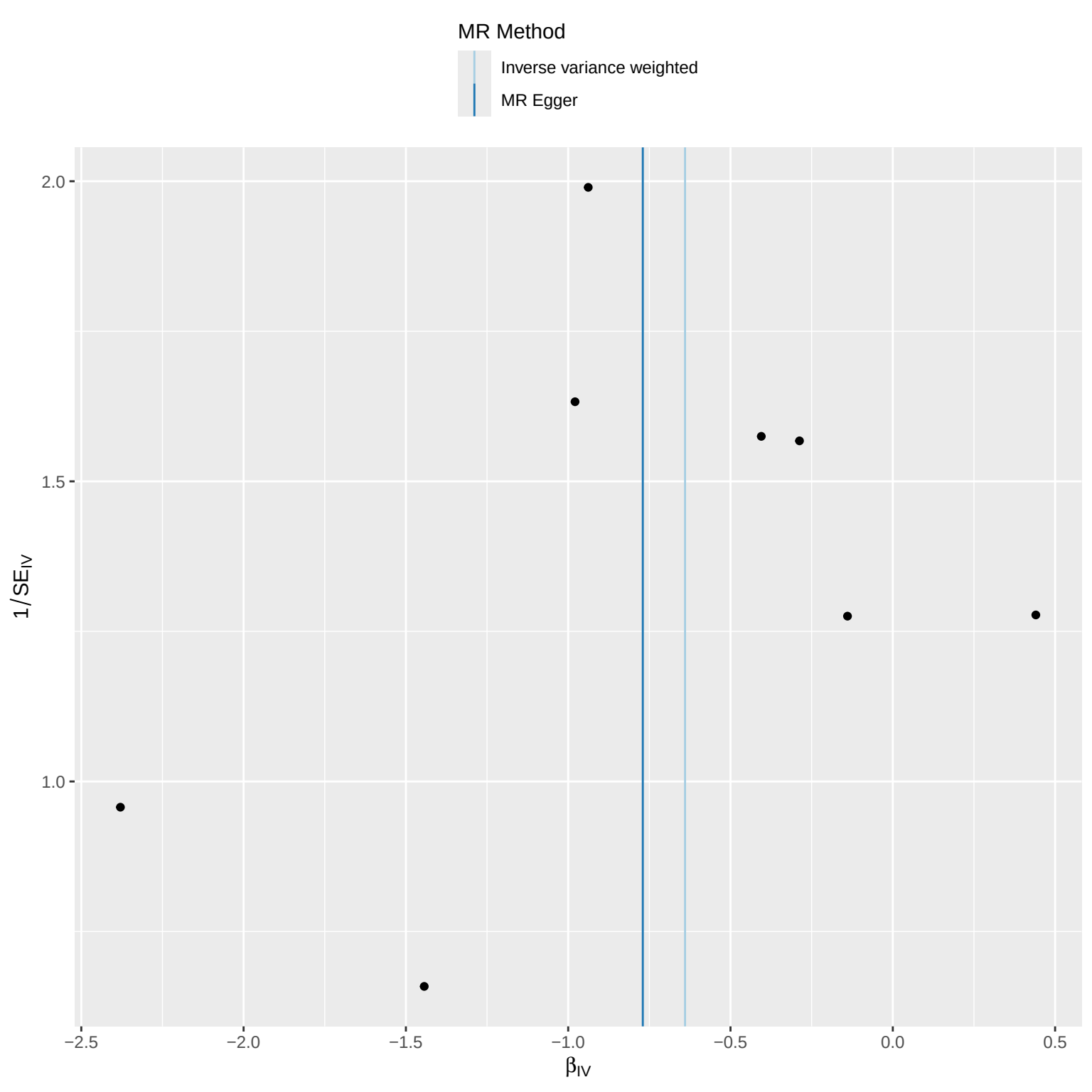

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

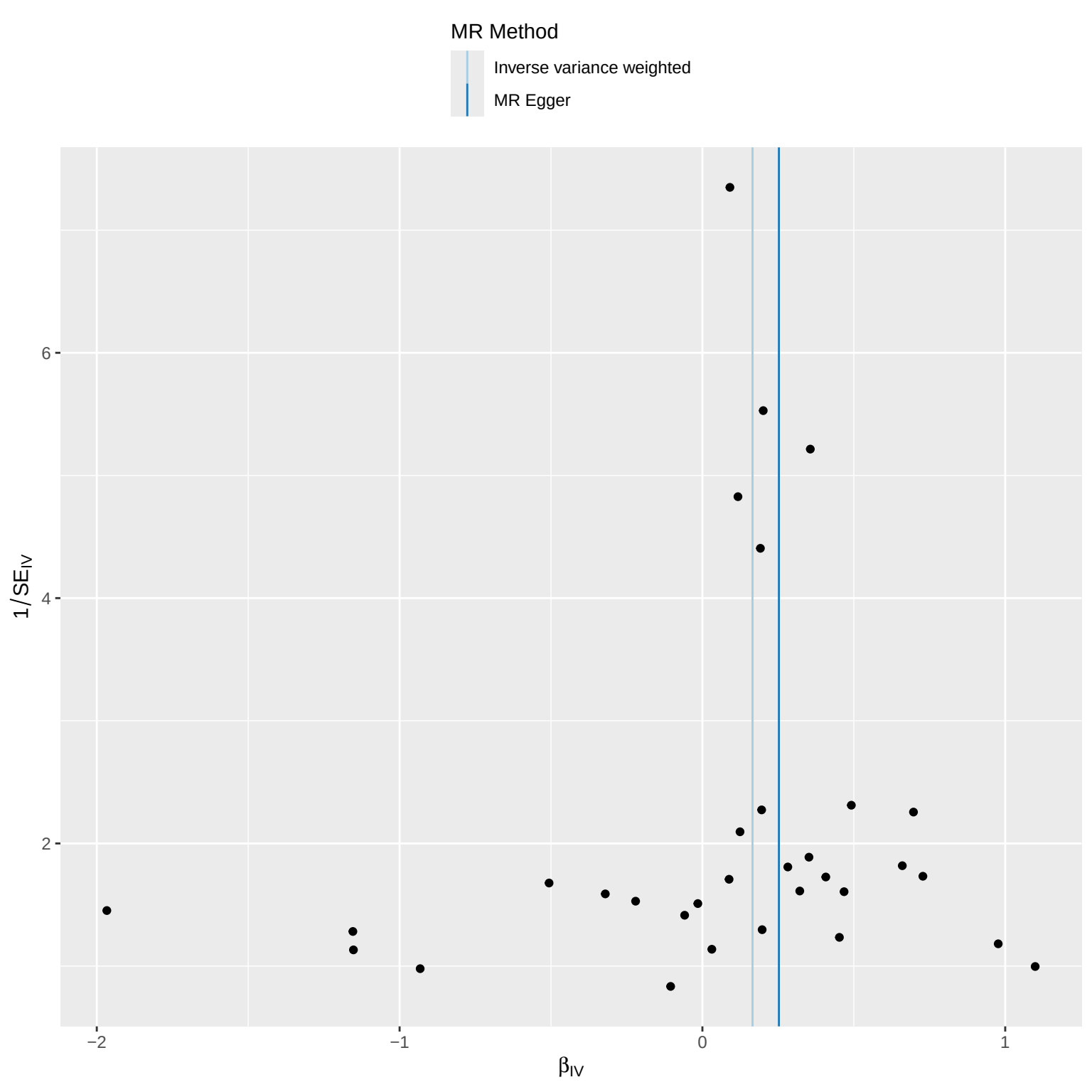

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

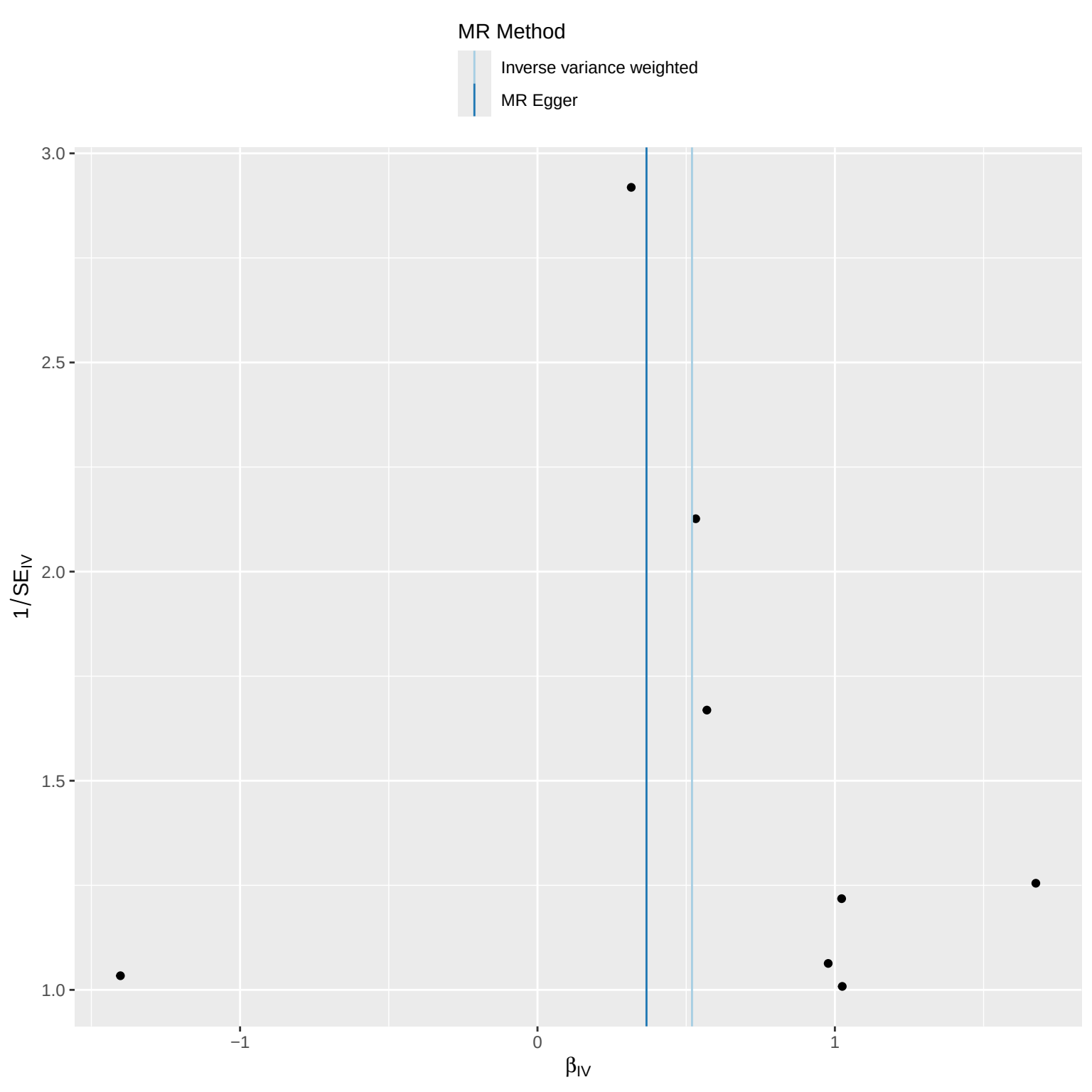

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

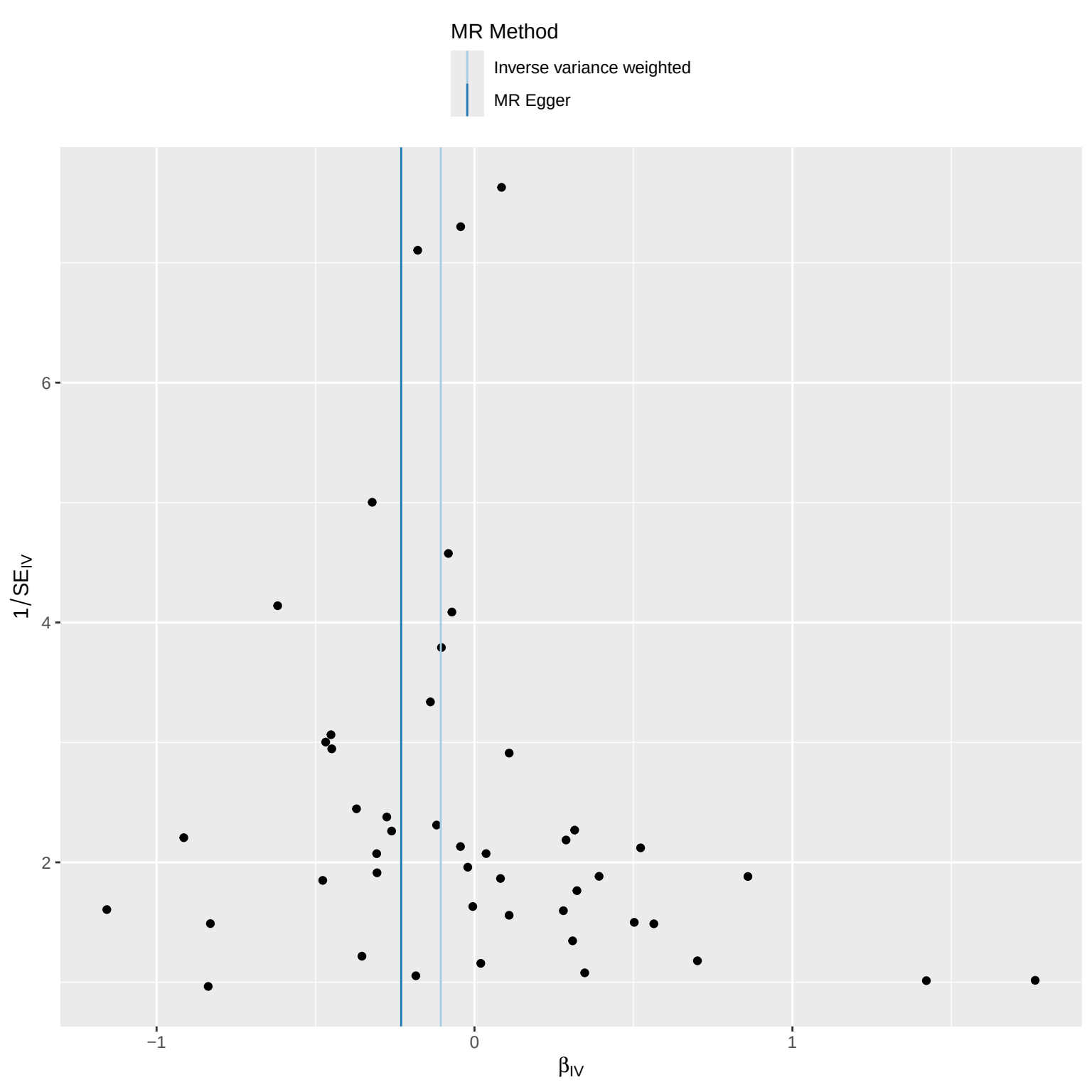

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

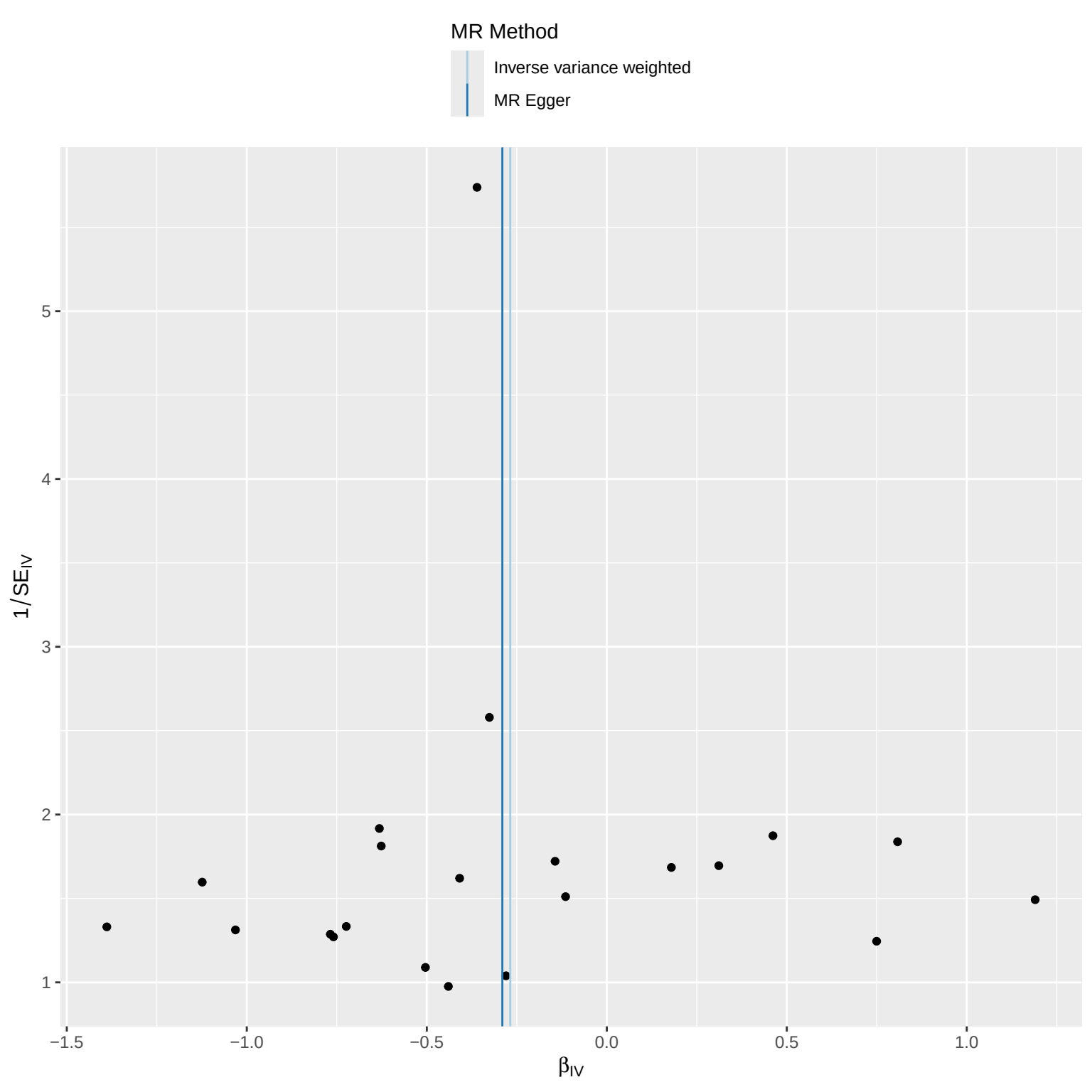

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

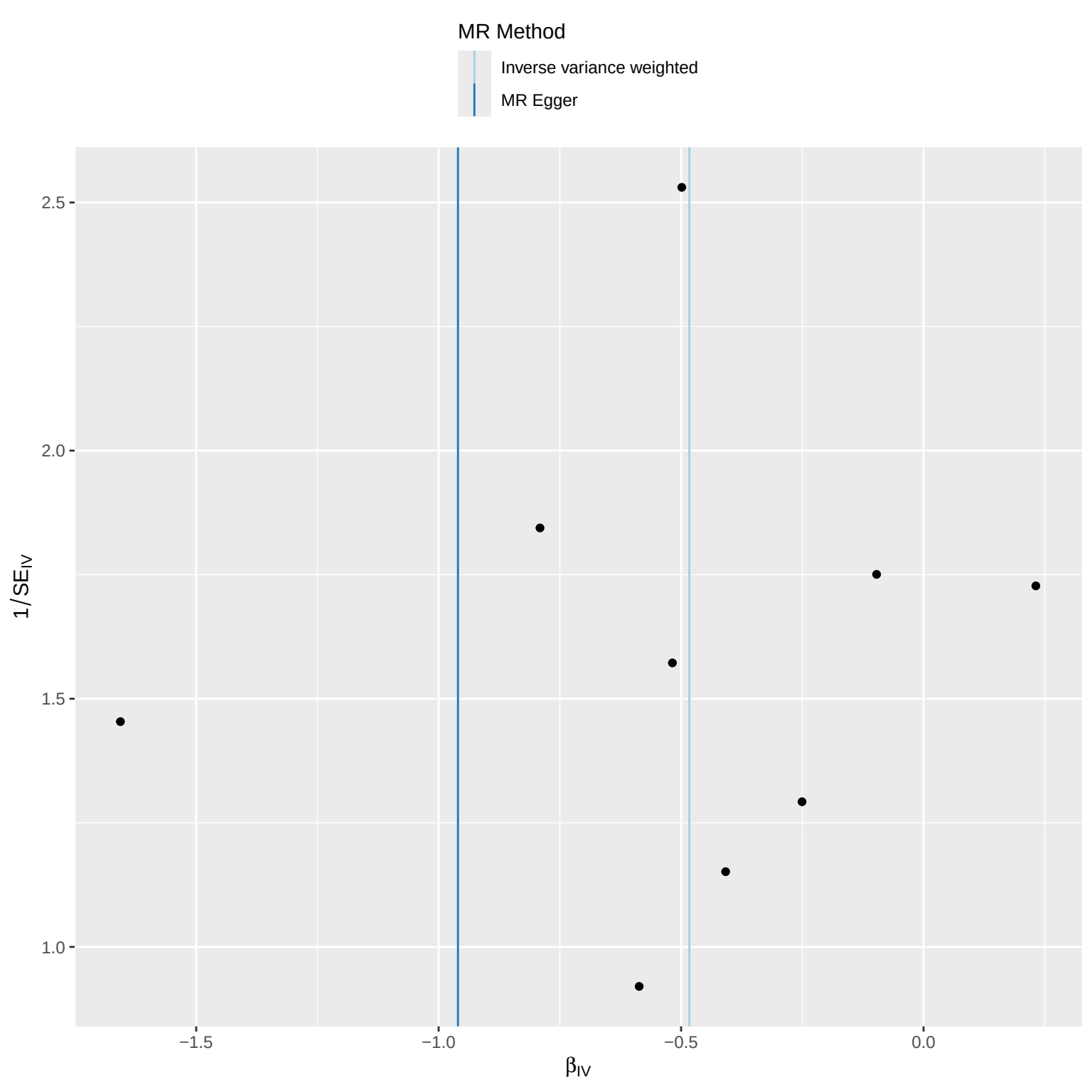

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

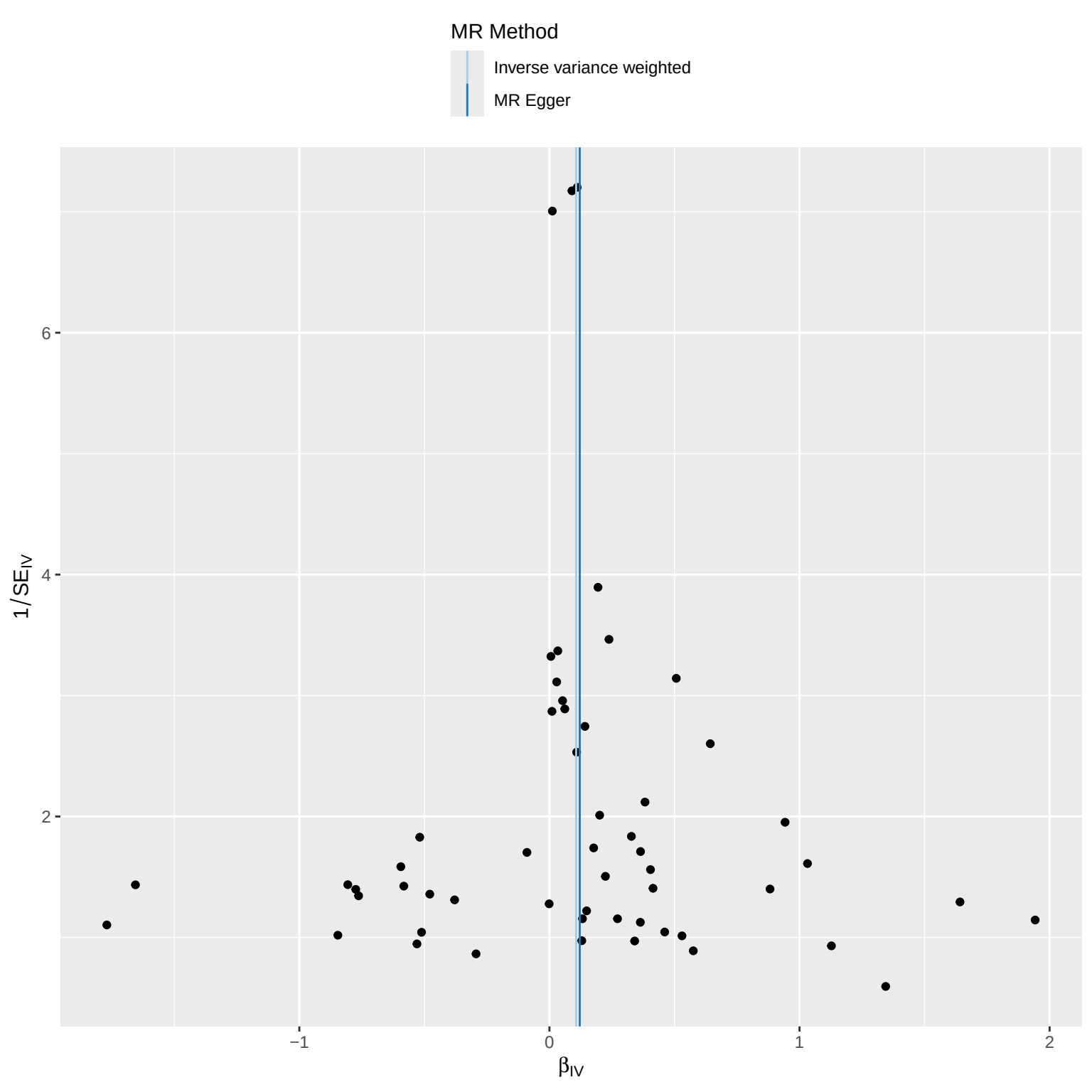

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

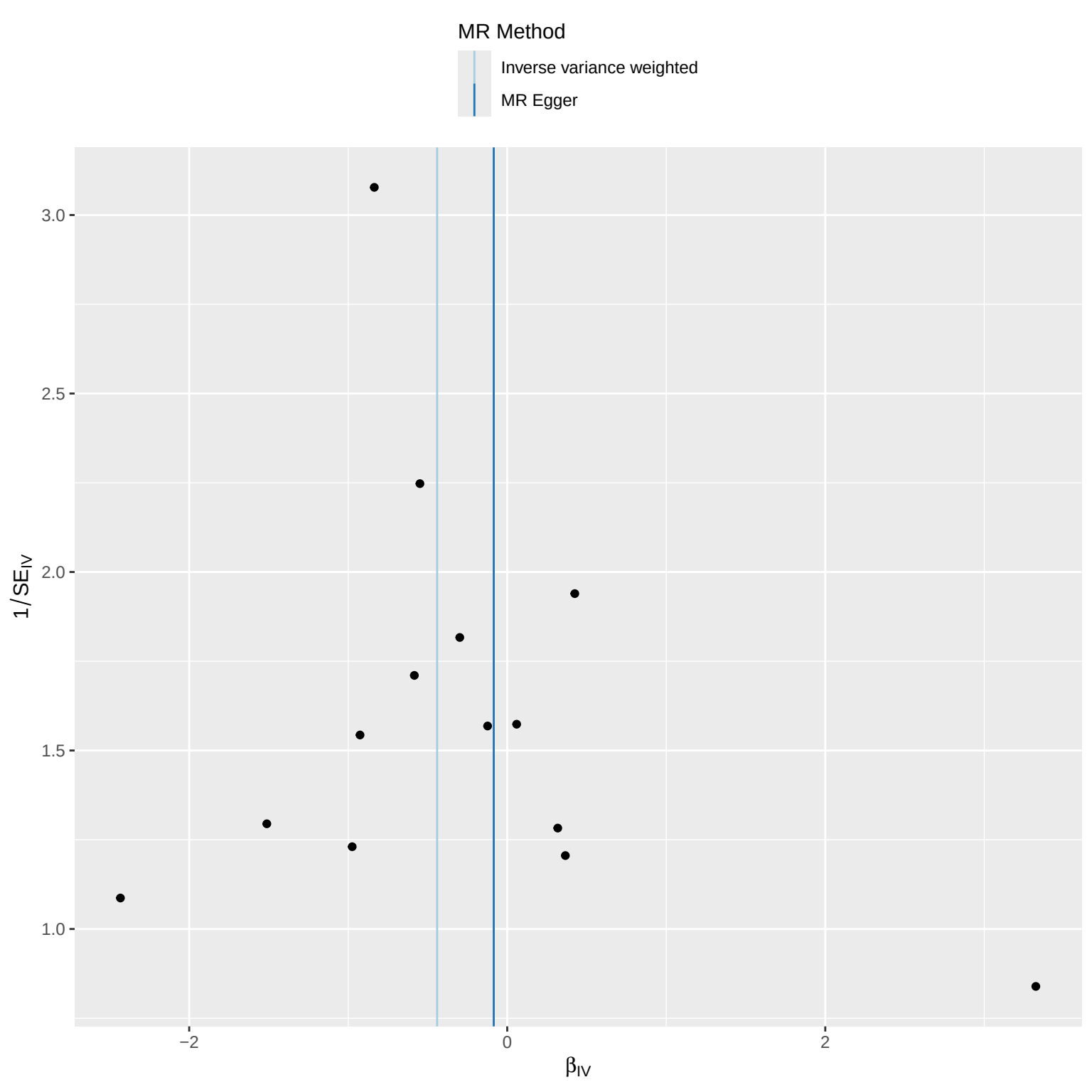

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

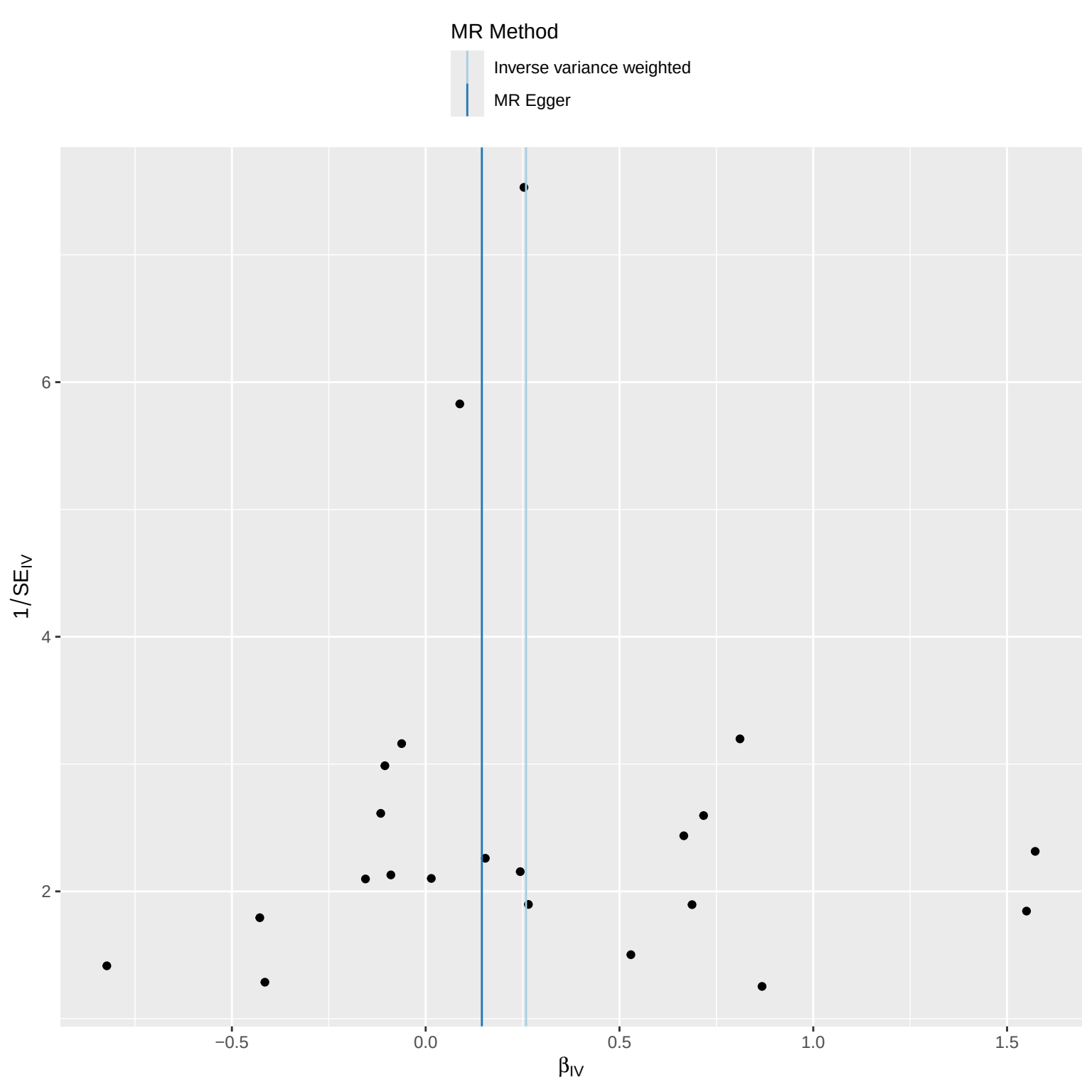

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

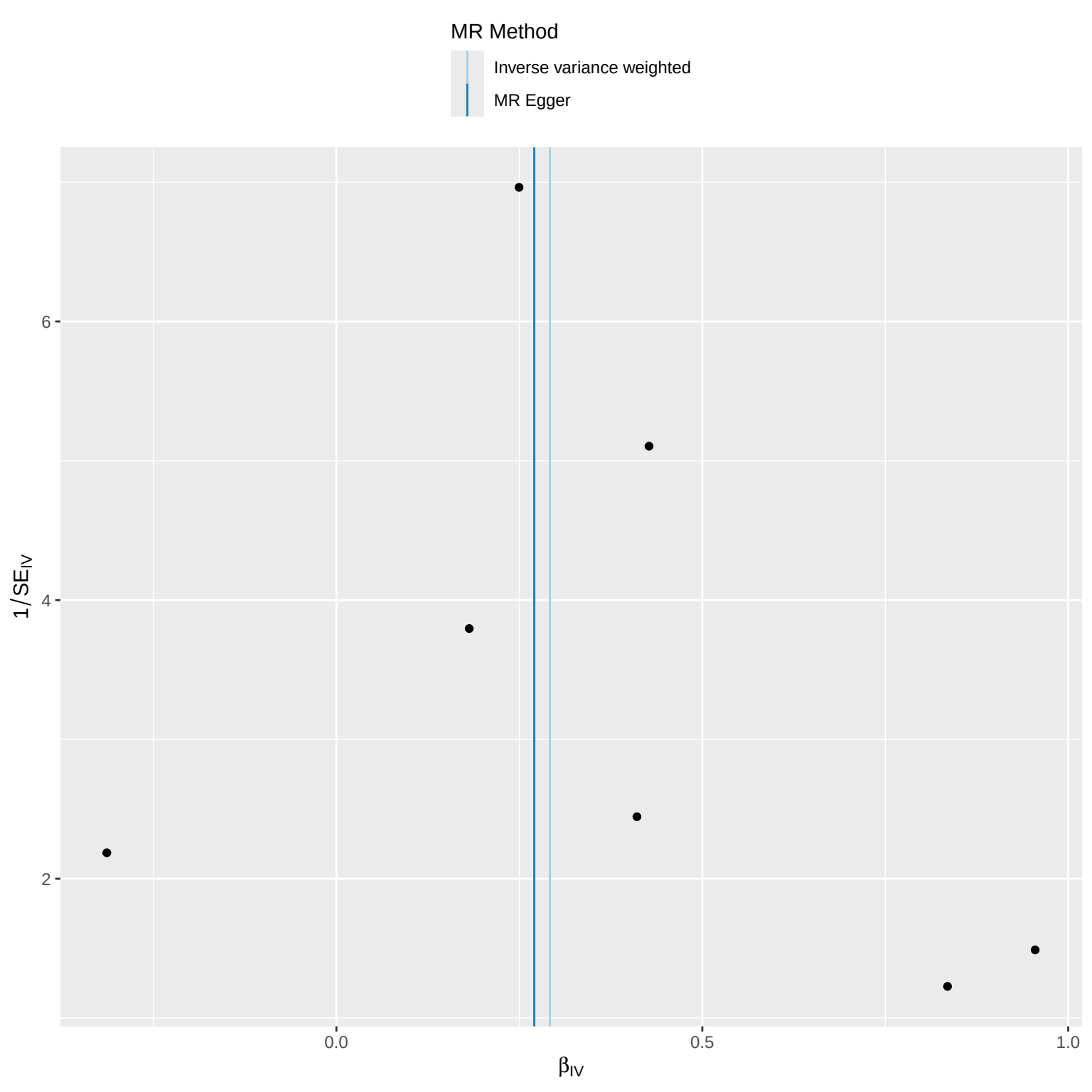

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

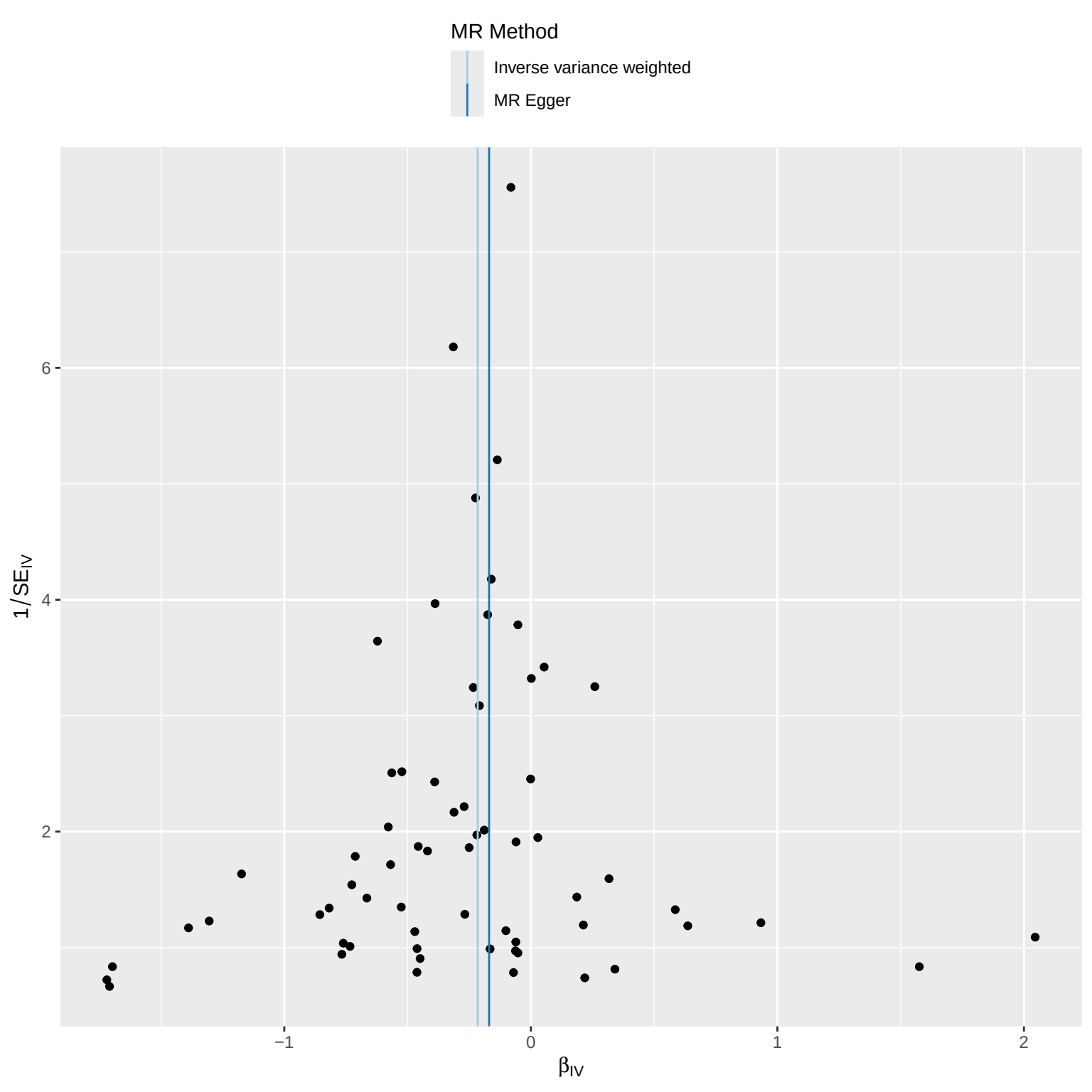

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

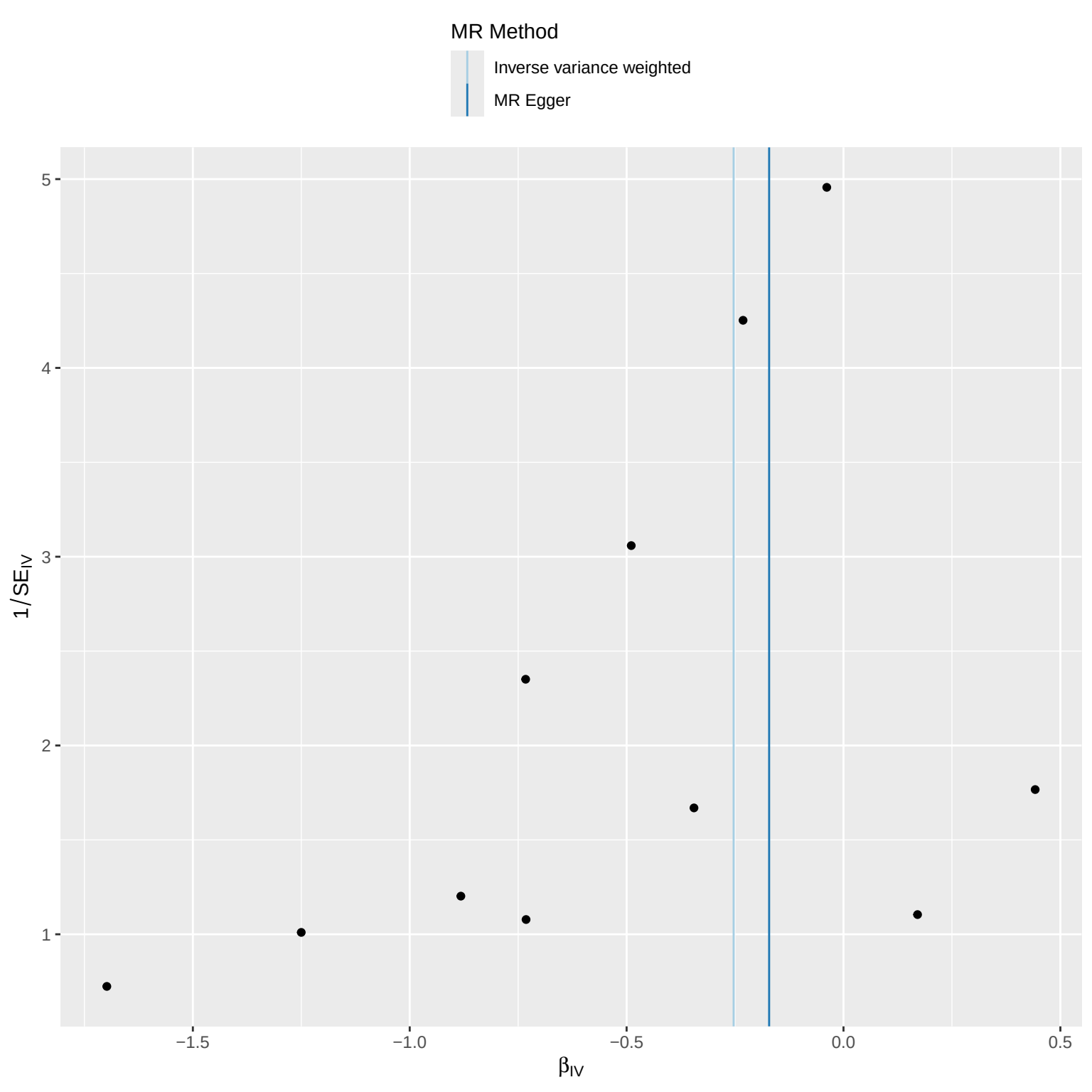

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

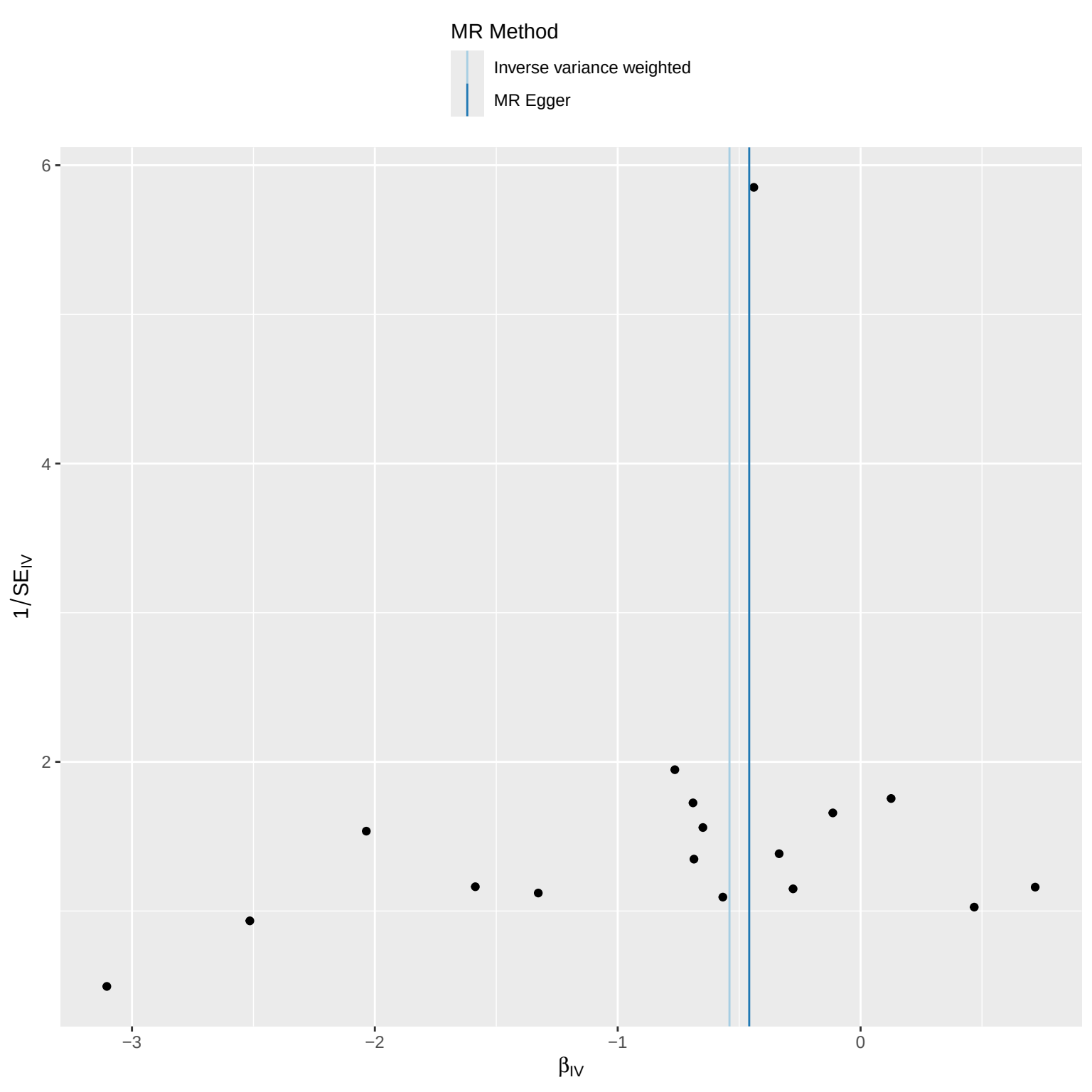

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
0
2
β_IV

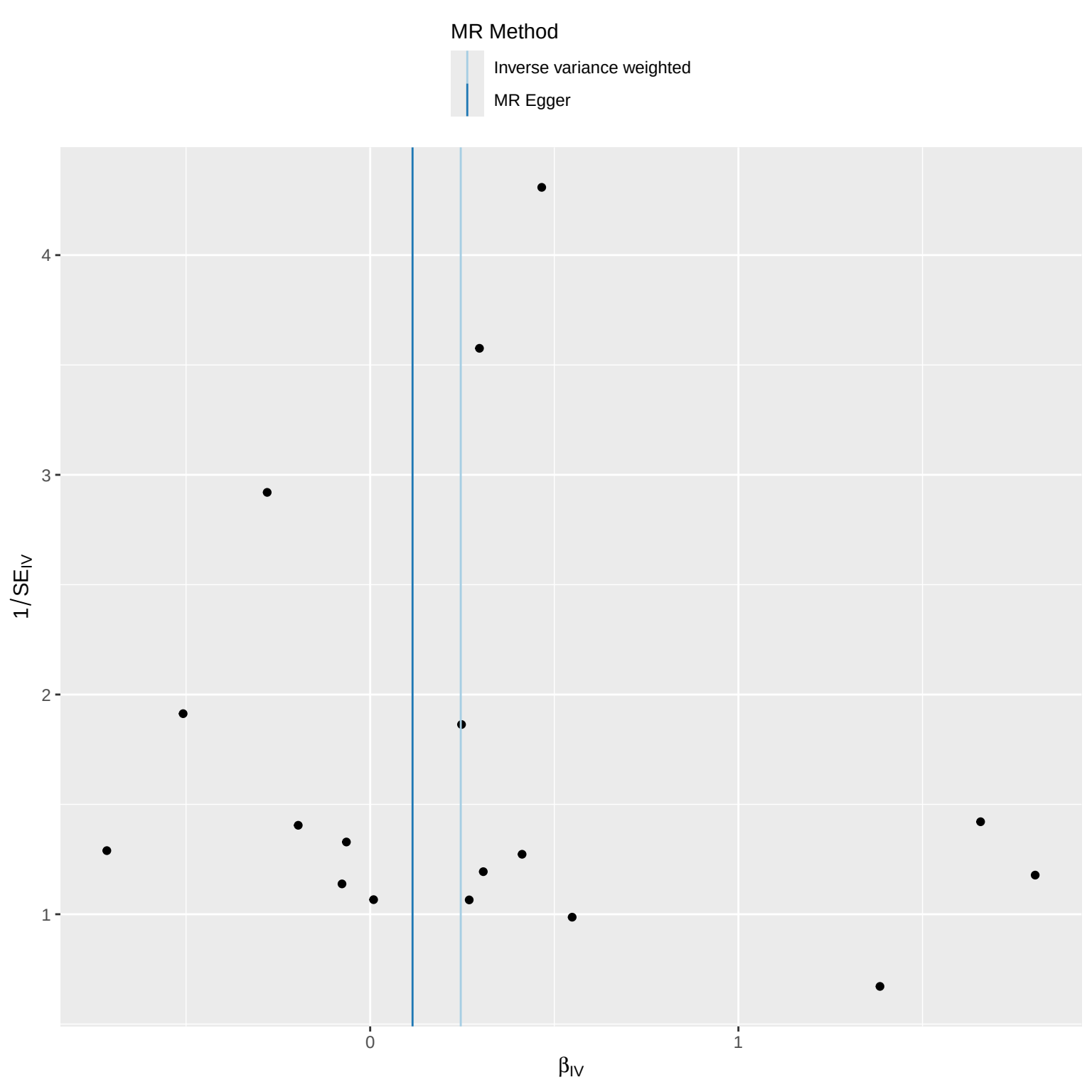

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

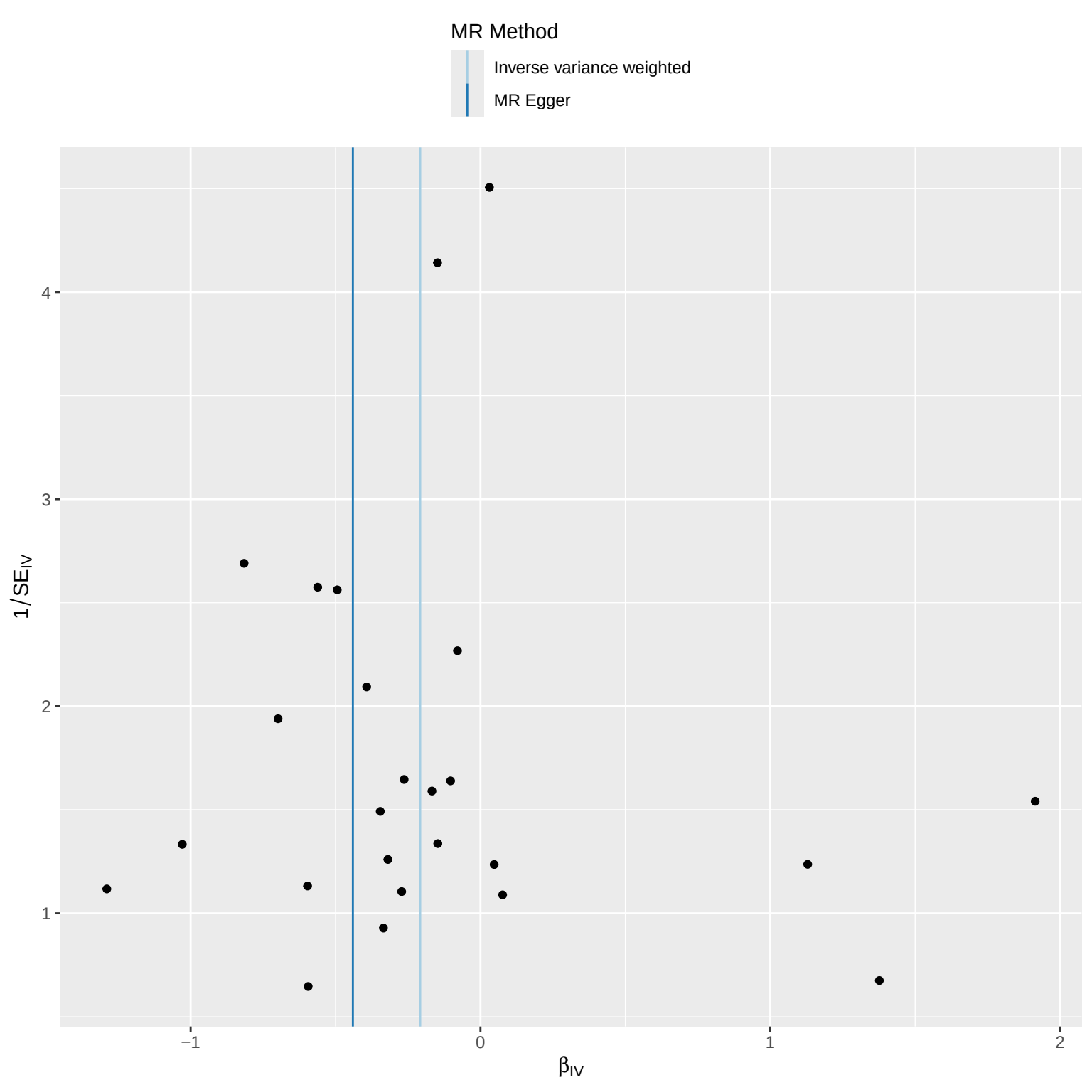

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
β_IV

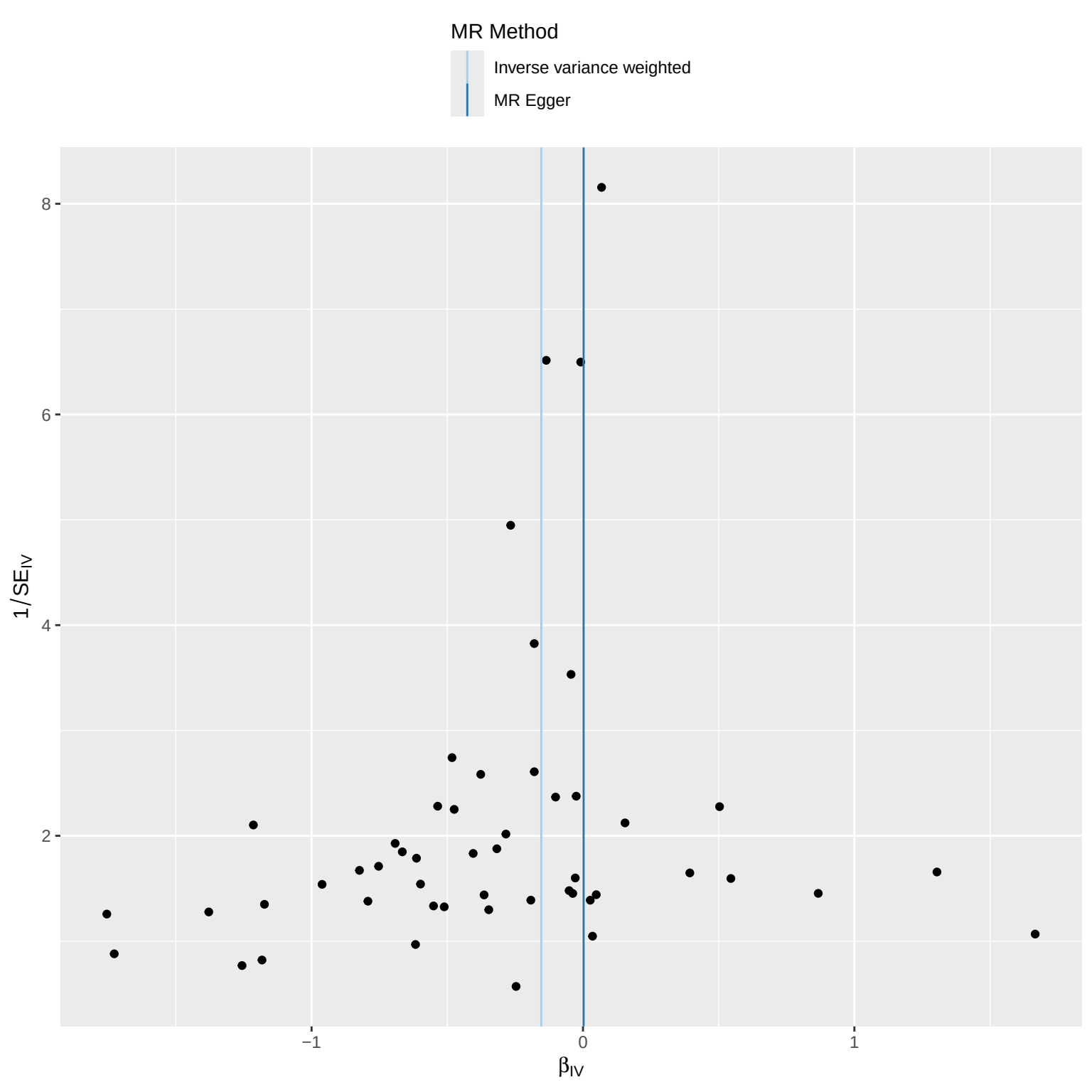

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

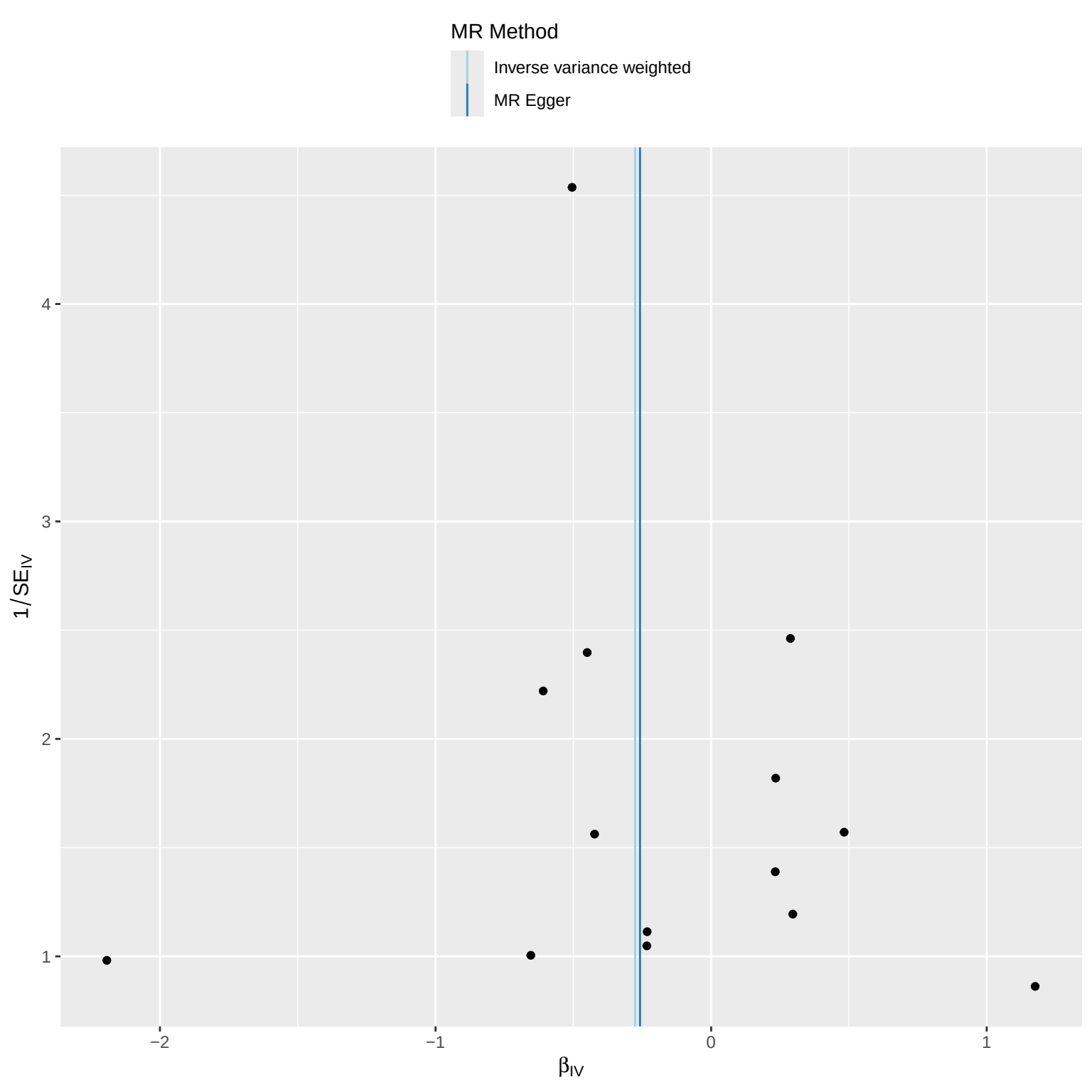

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

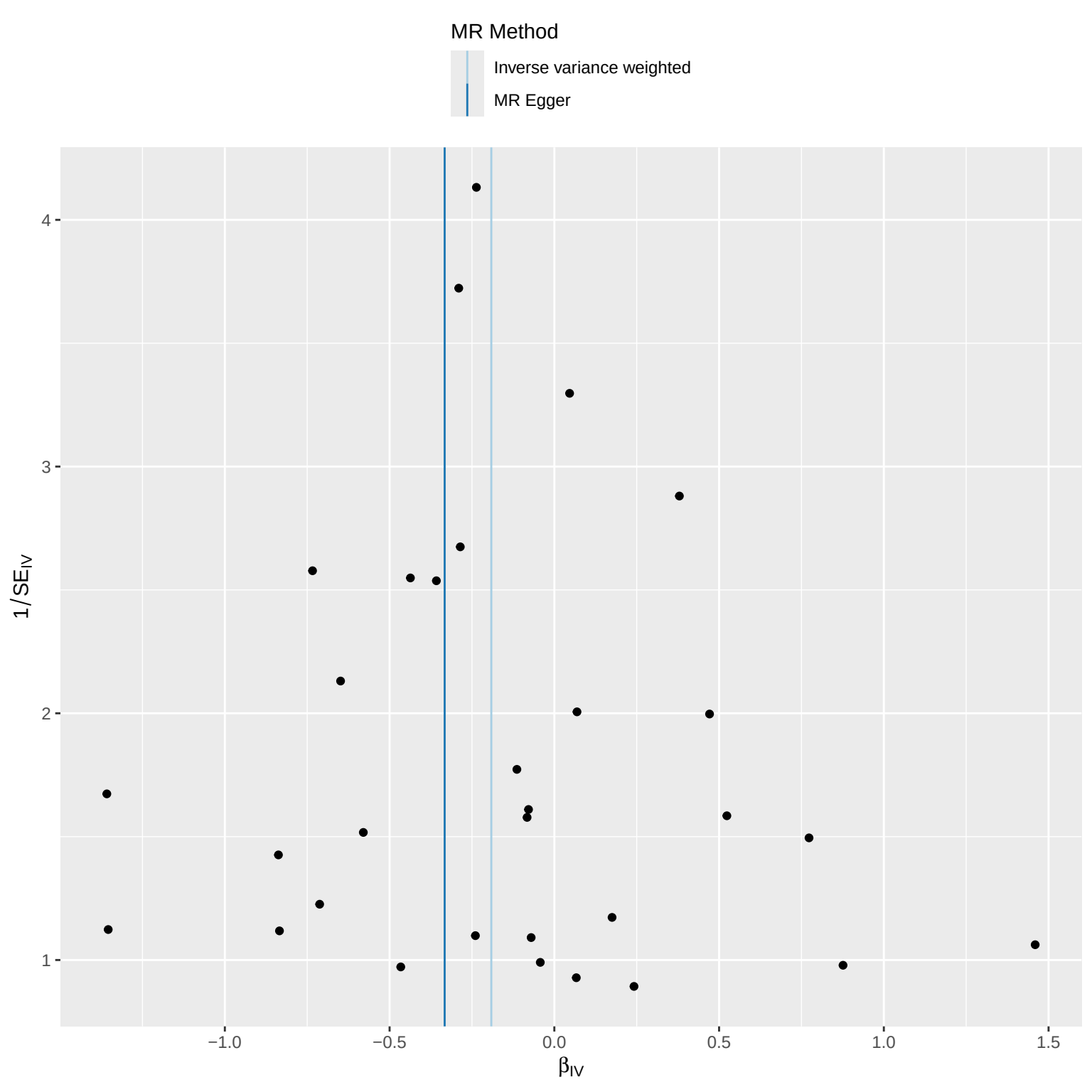

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
β_IV

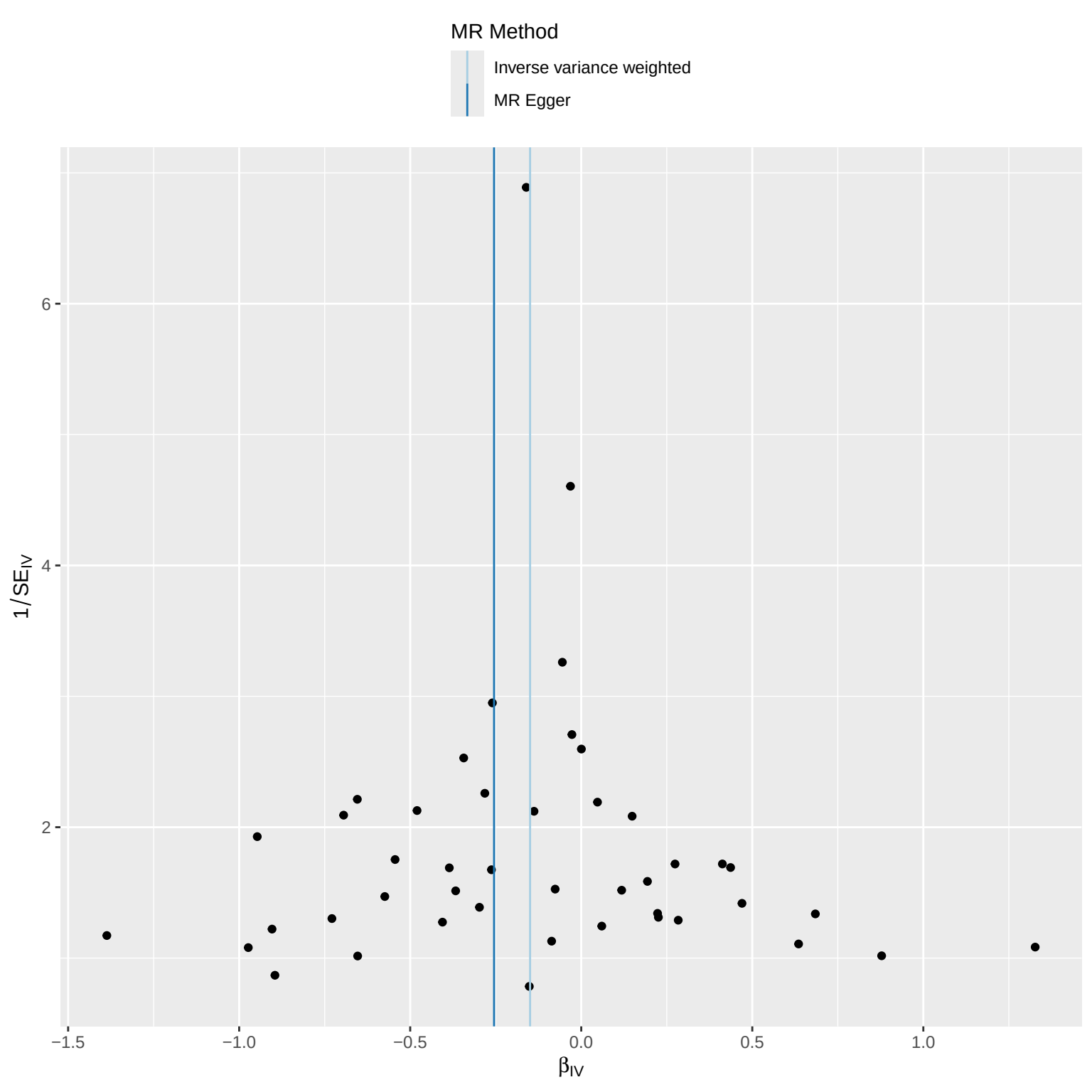

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
1/SE_IV
β_IV

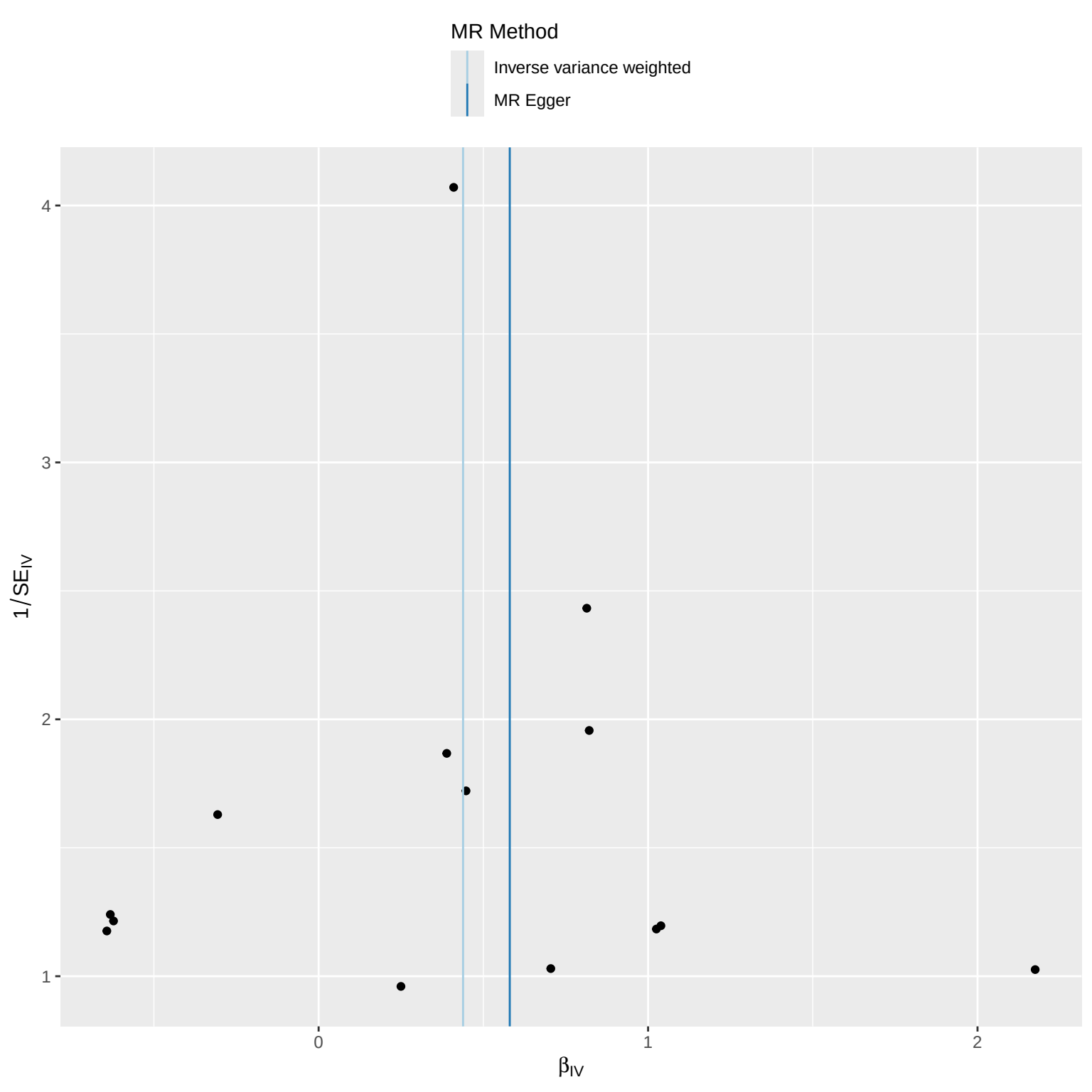

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

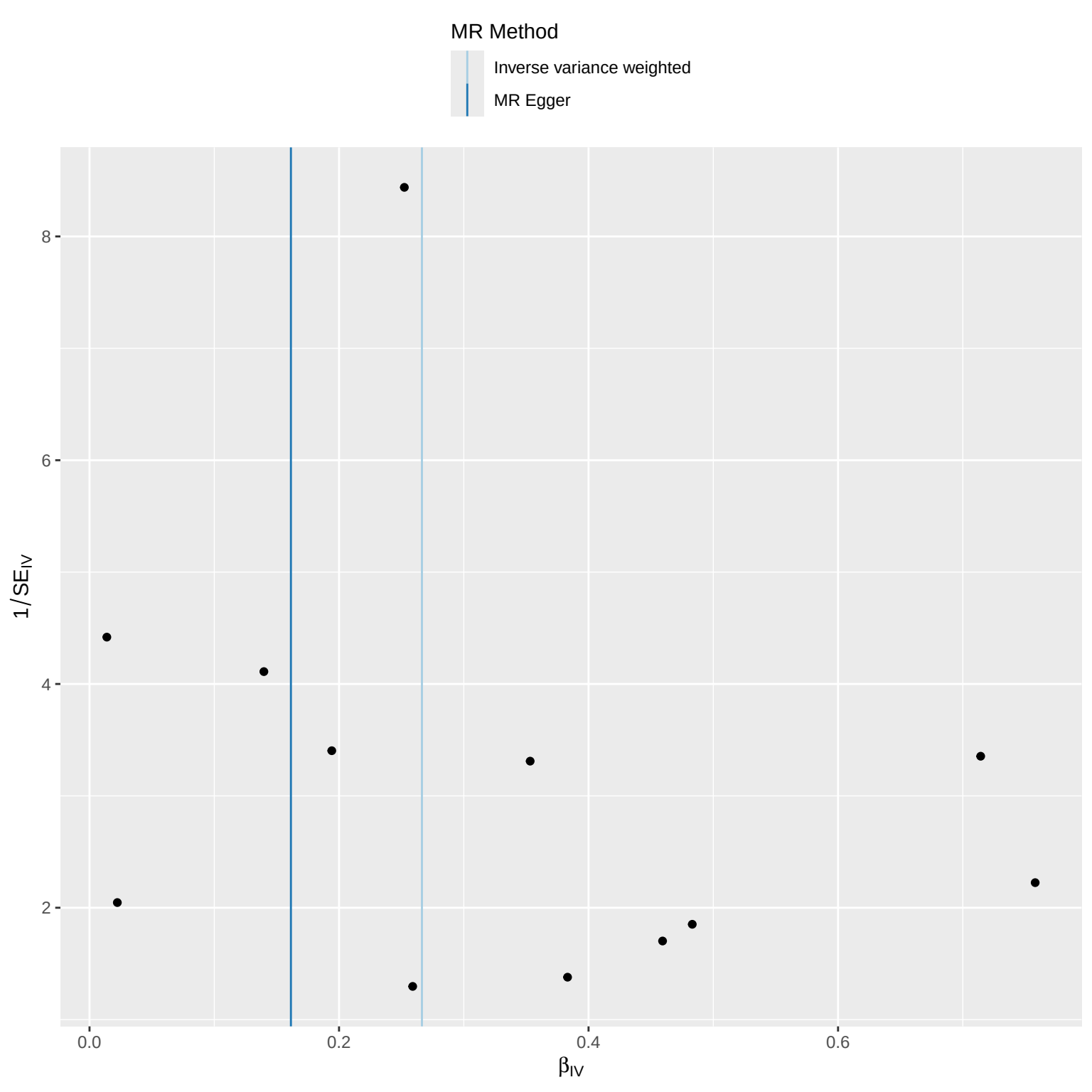

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

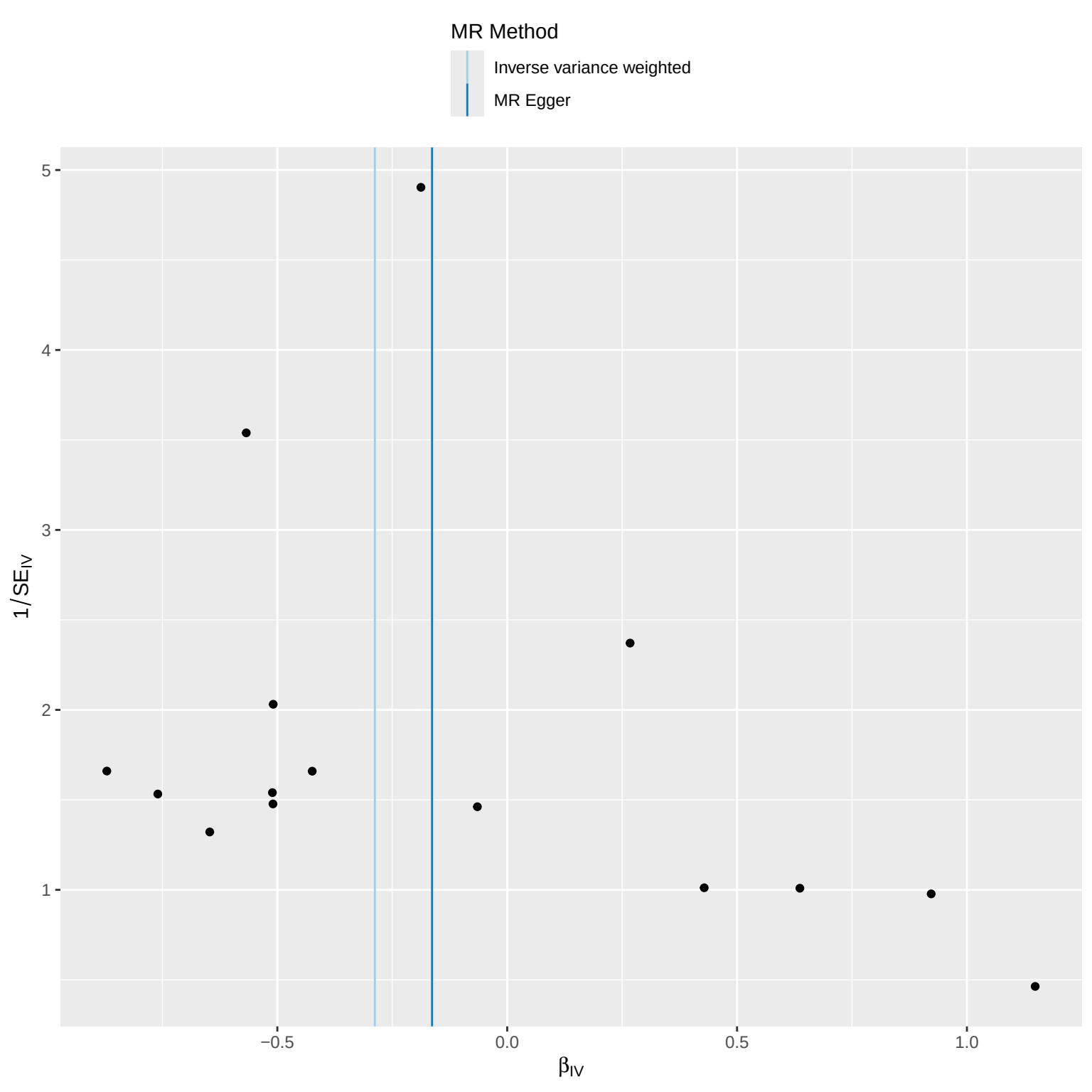

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

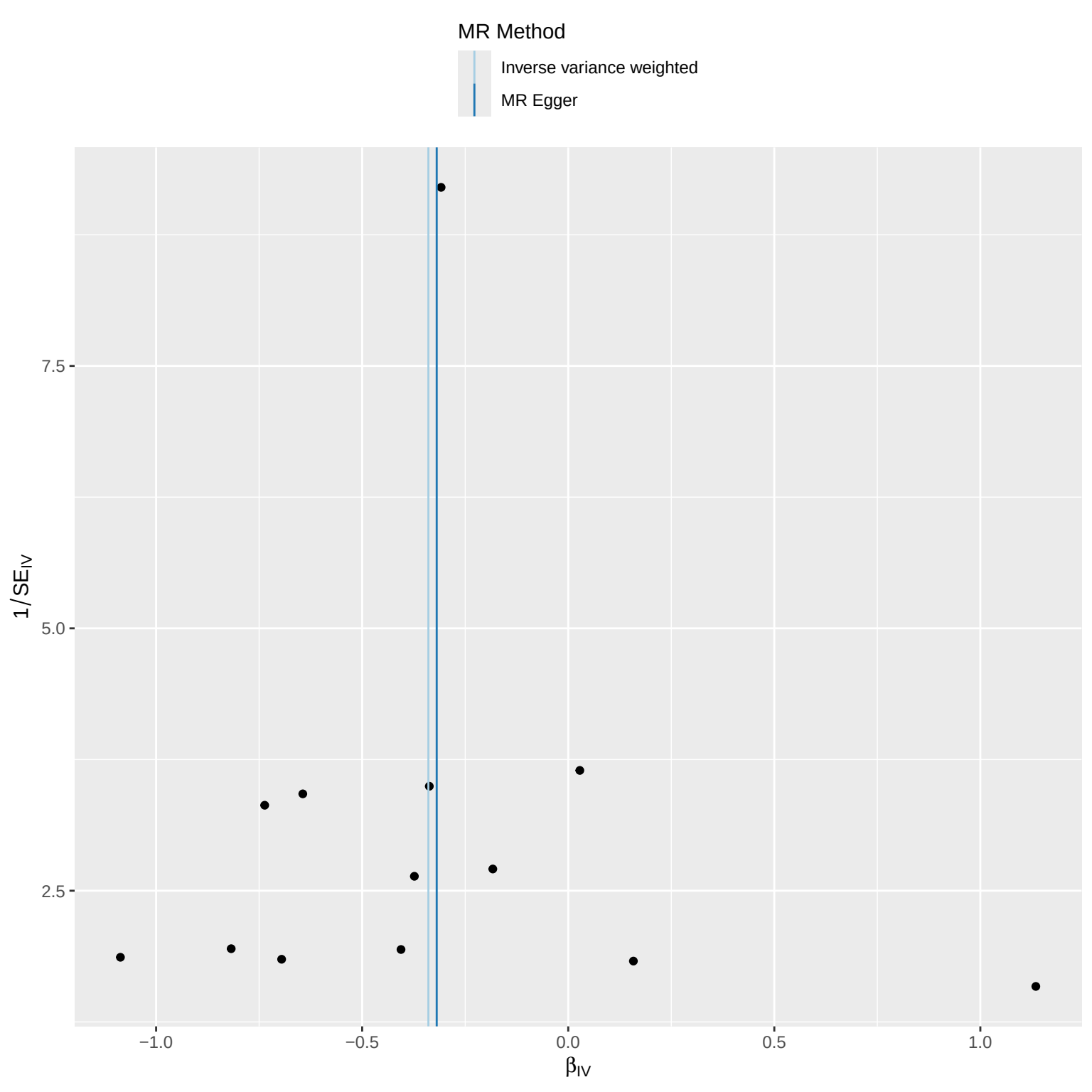

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

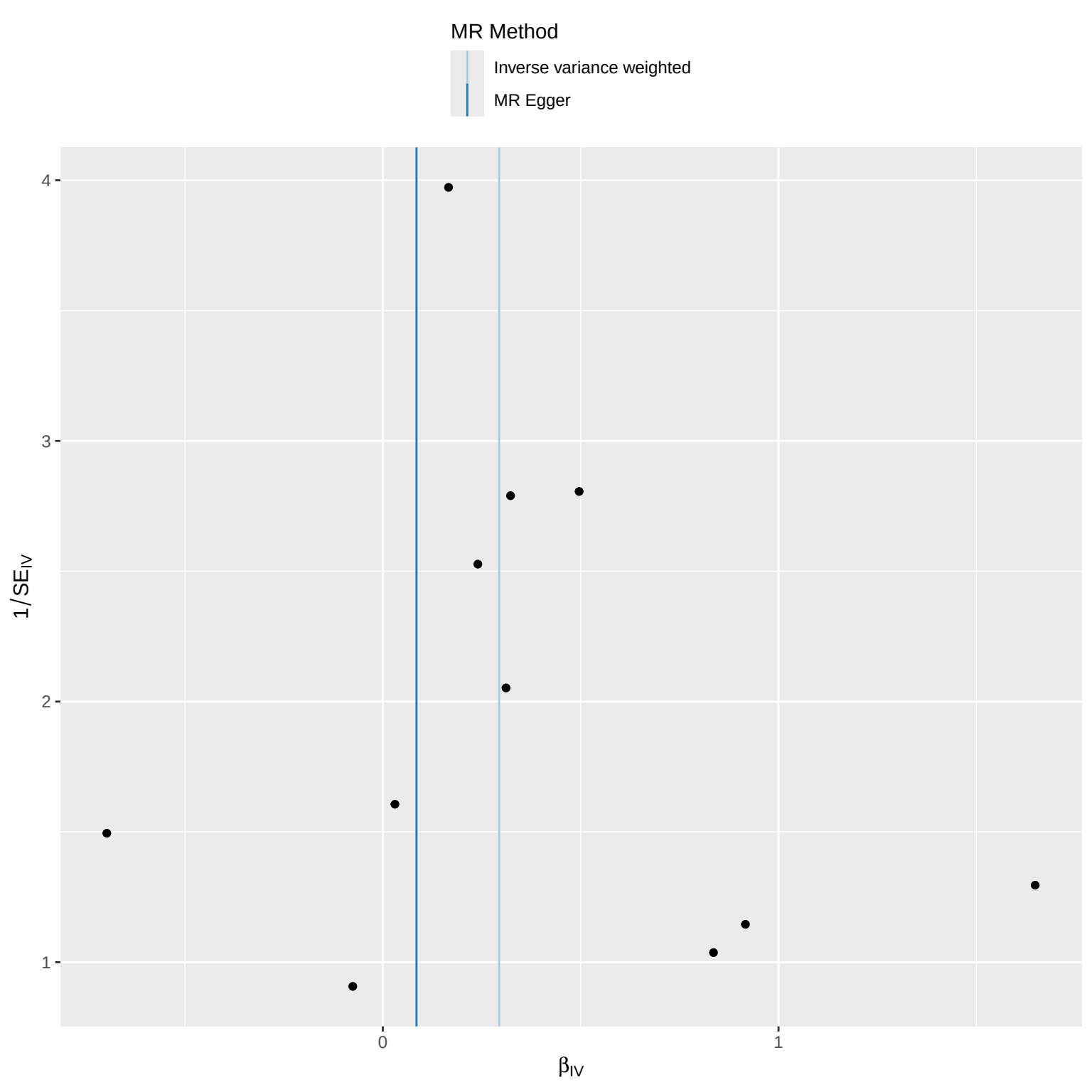

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

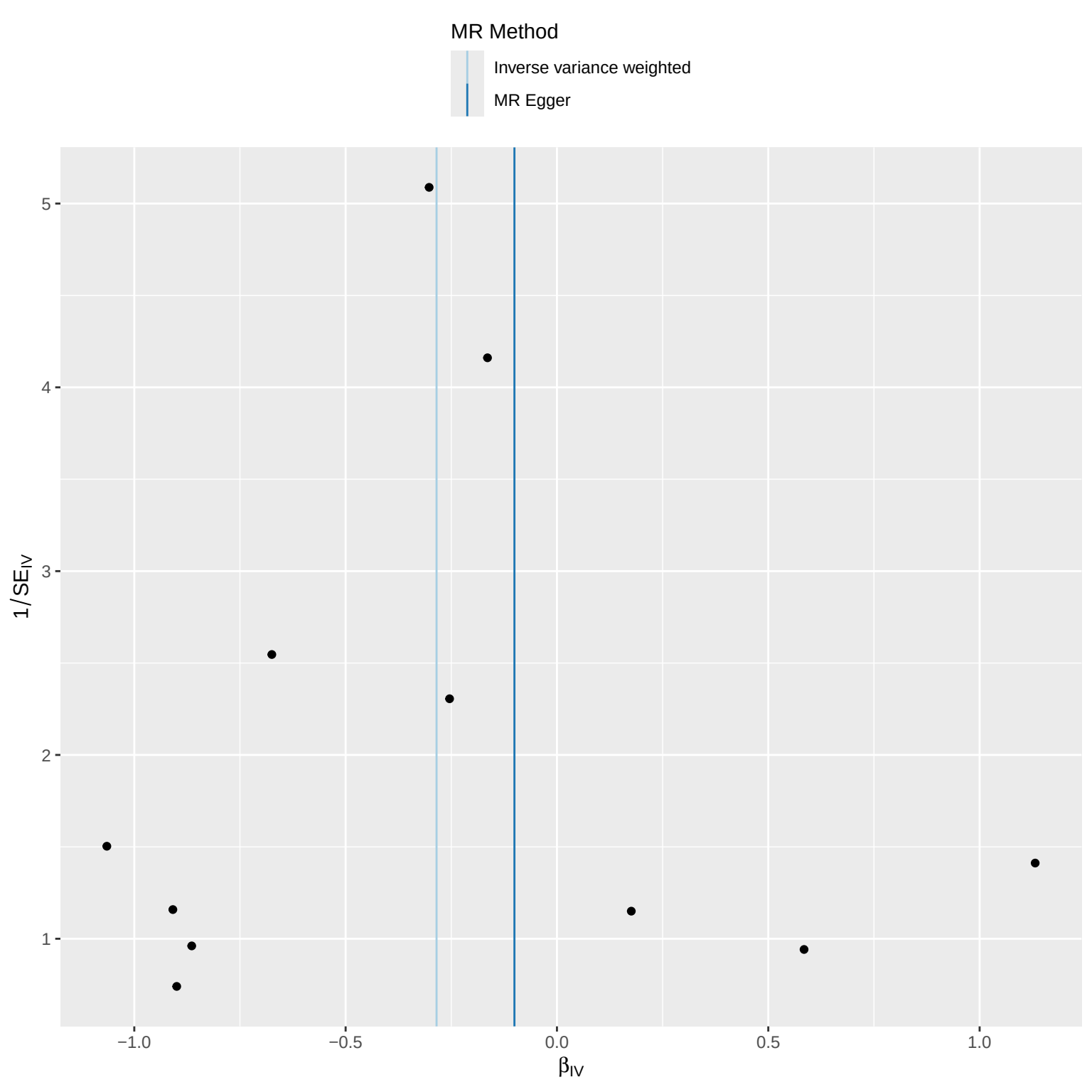

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

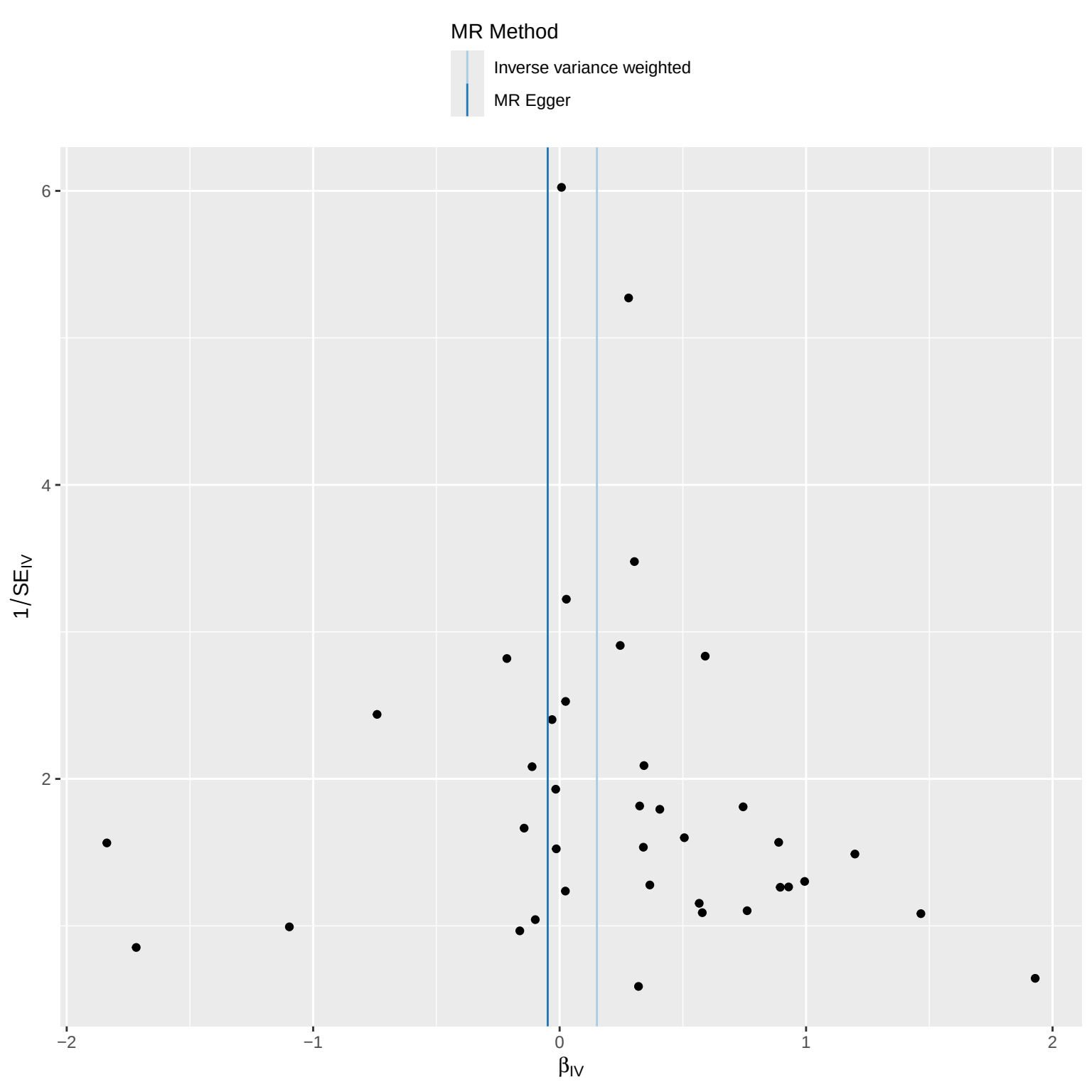

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

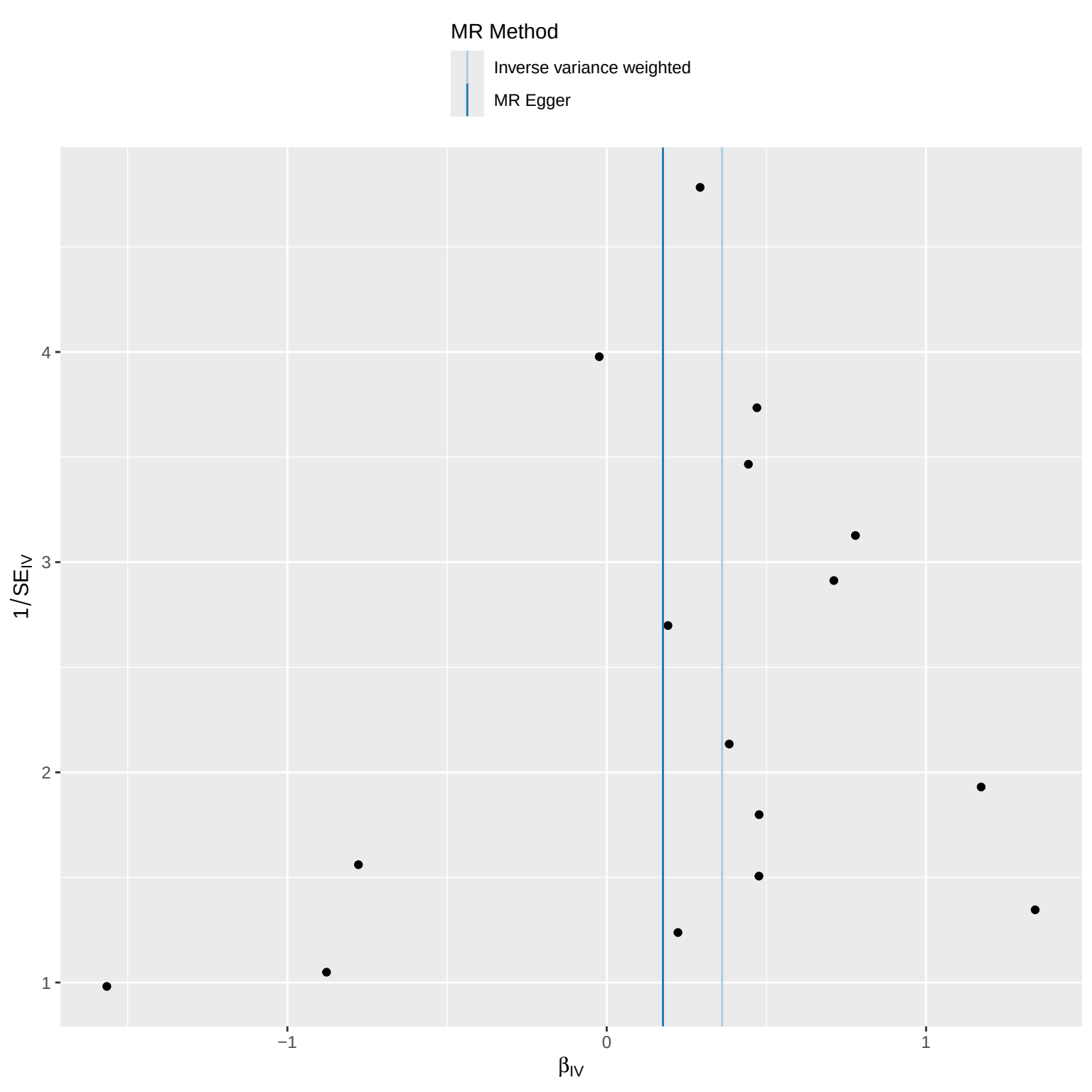

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

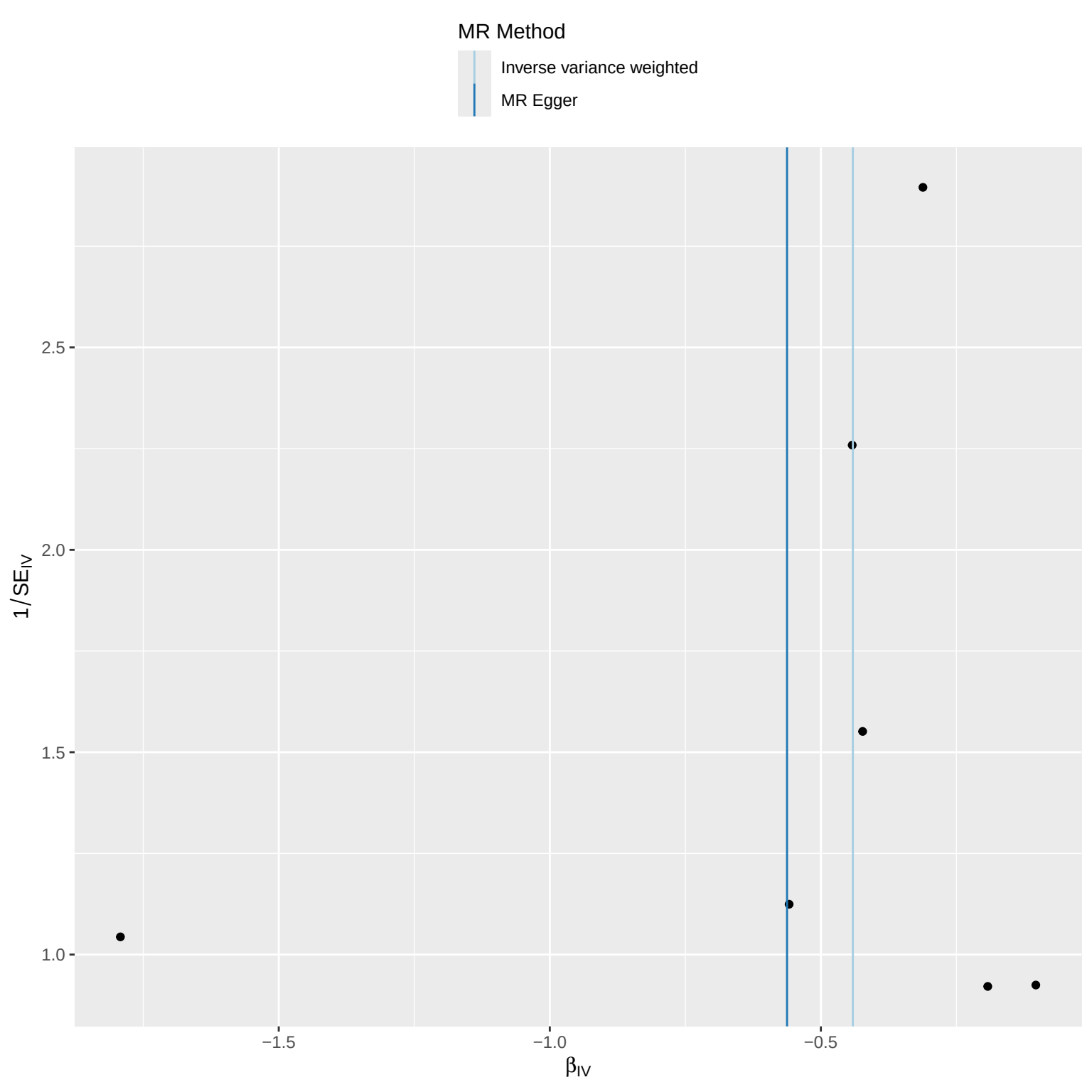

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

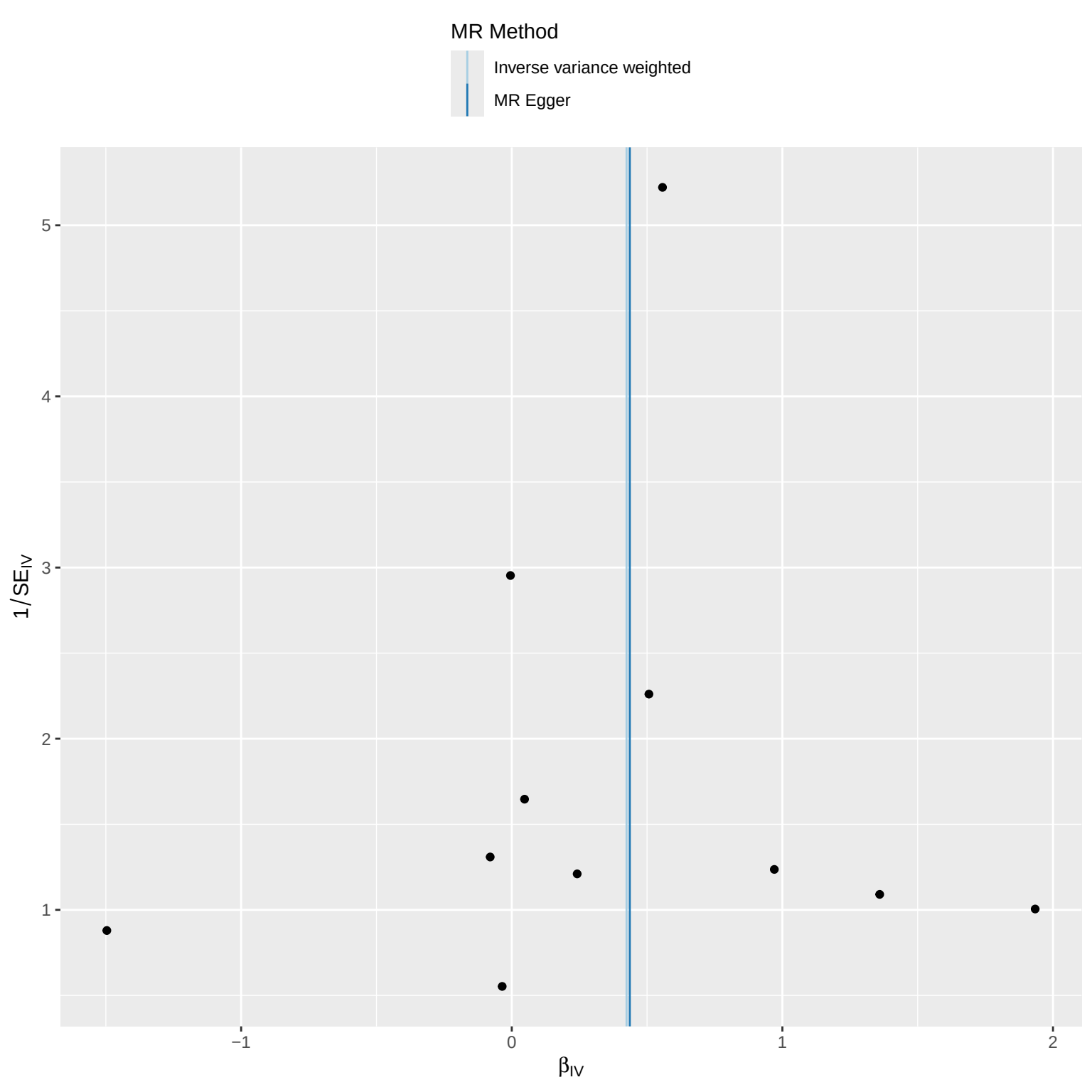

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
1/SE_IV
β_IV

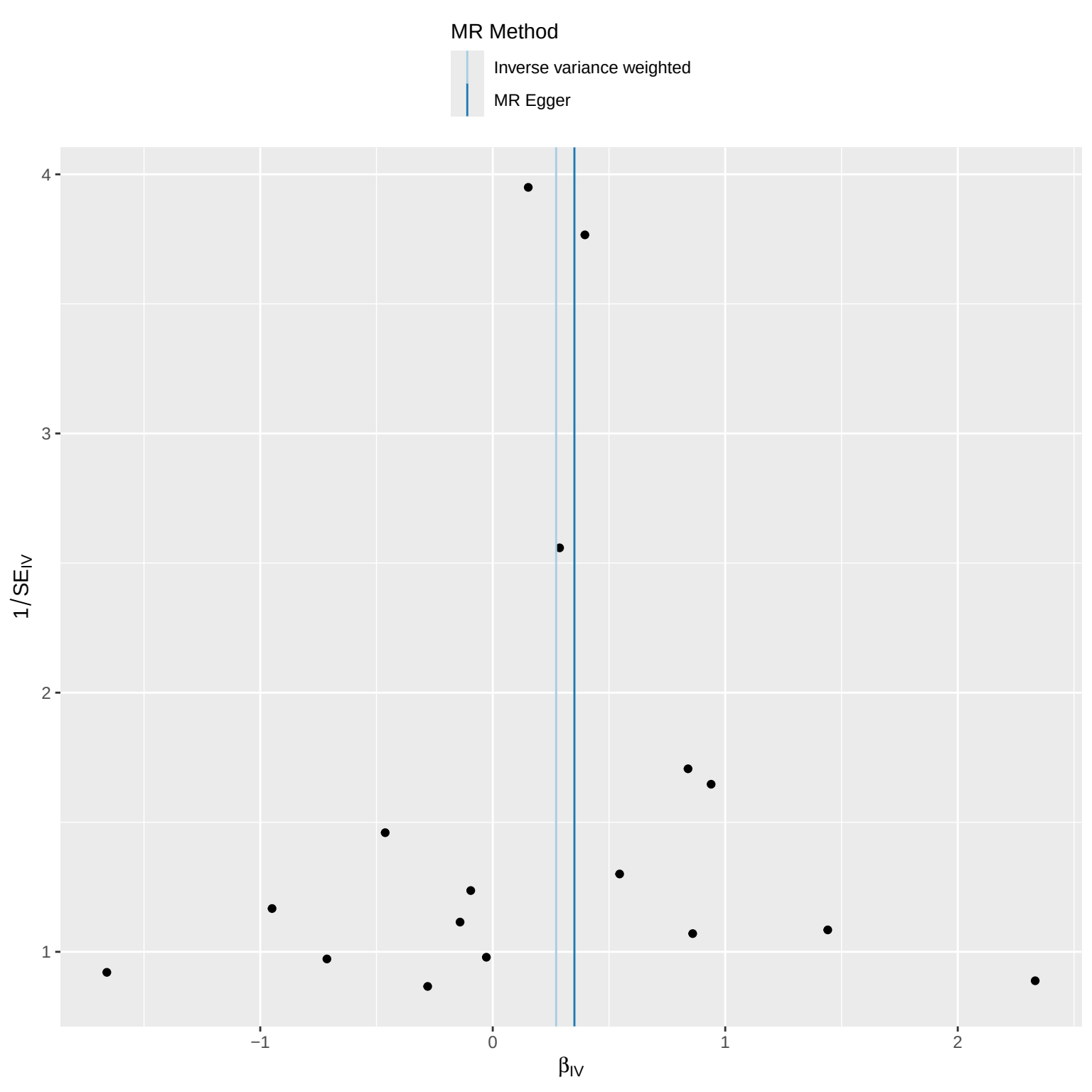

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

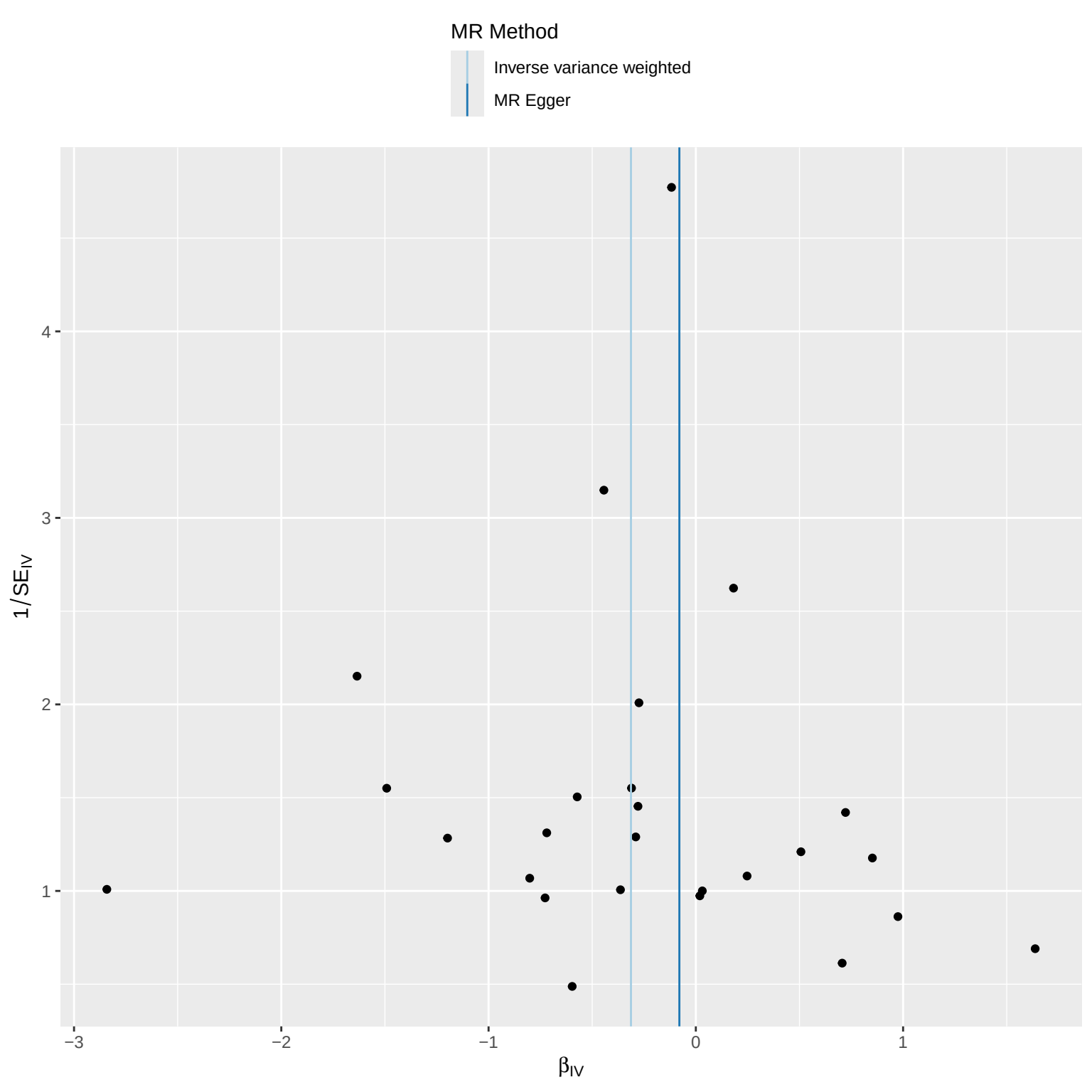

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

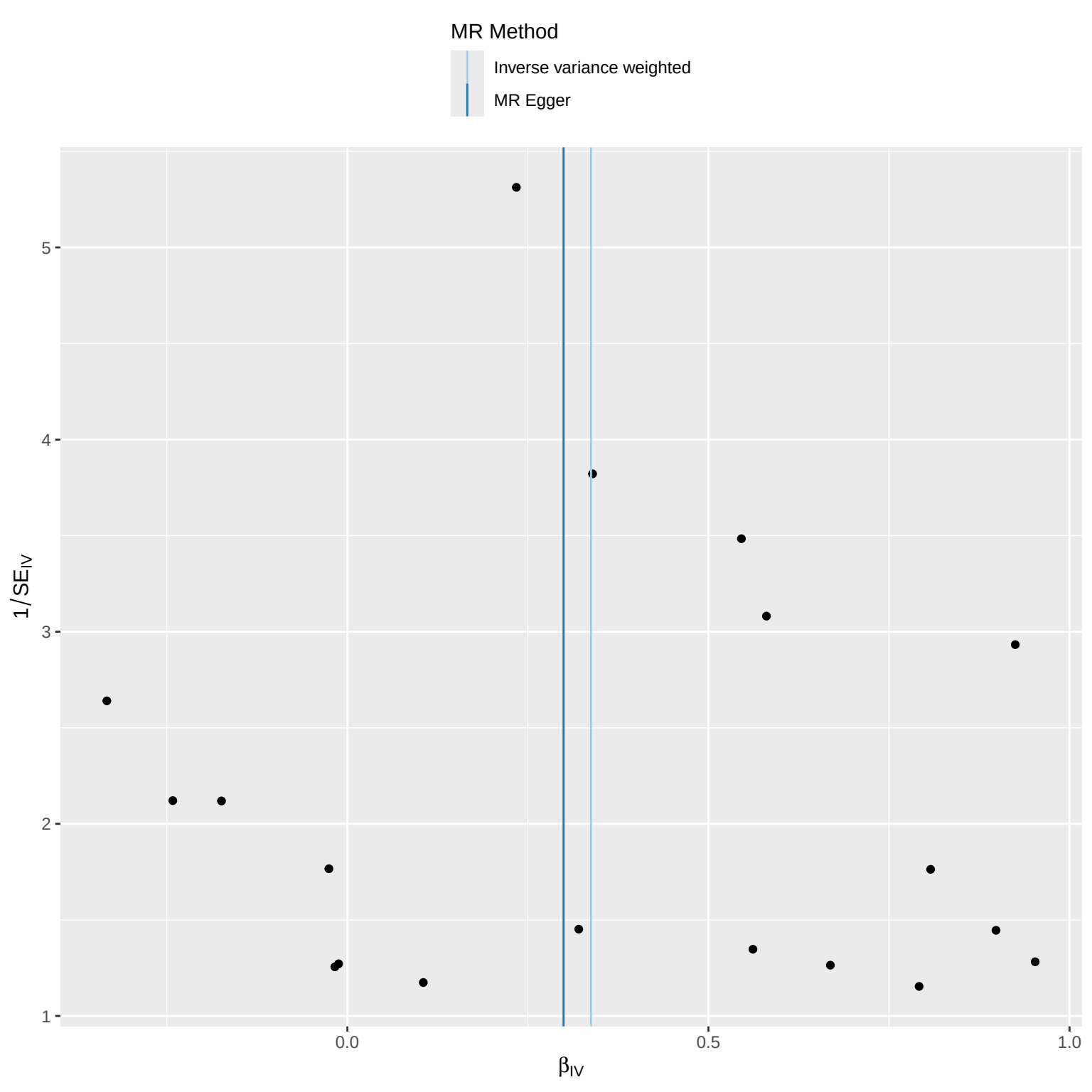

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

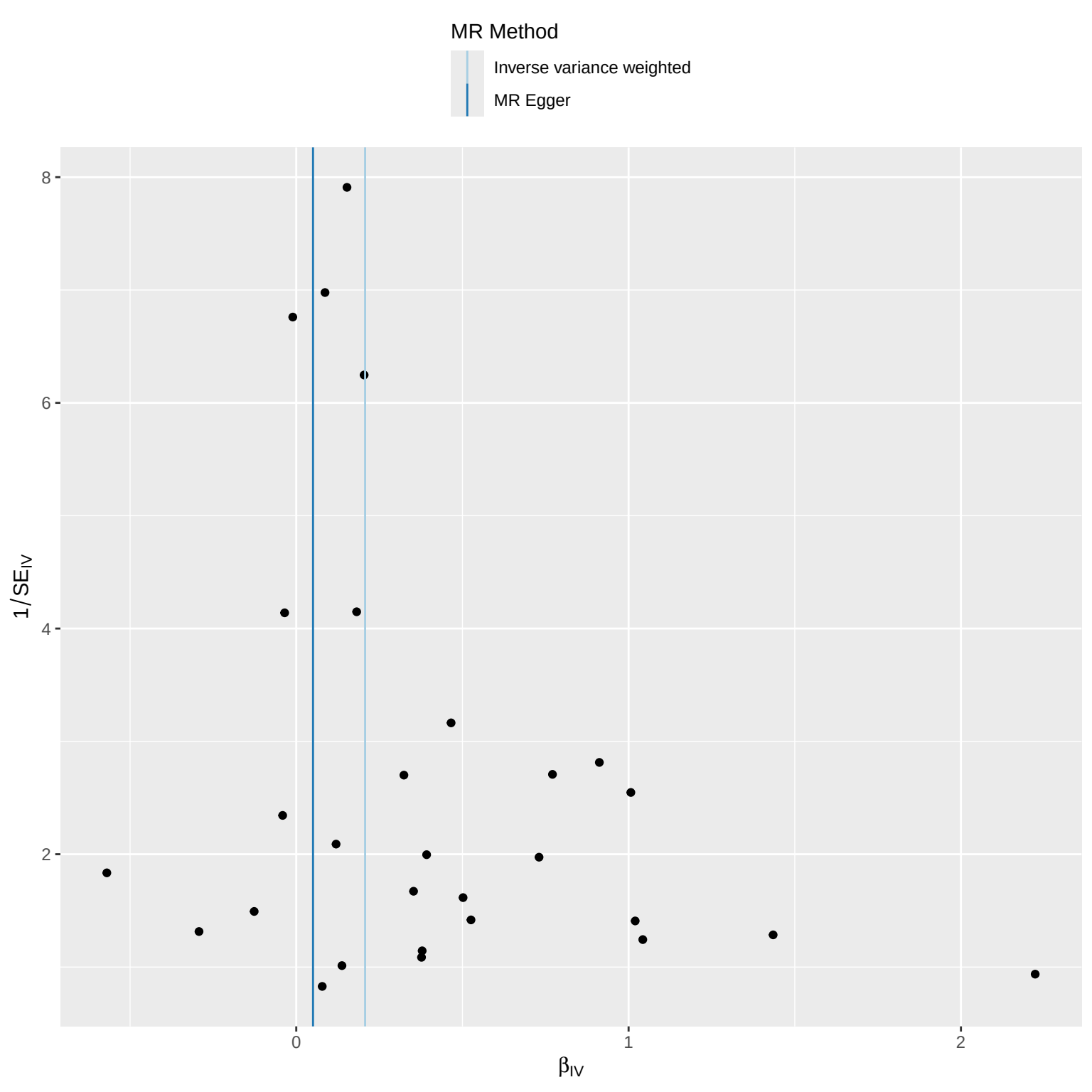

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
β_IV

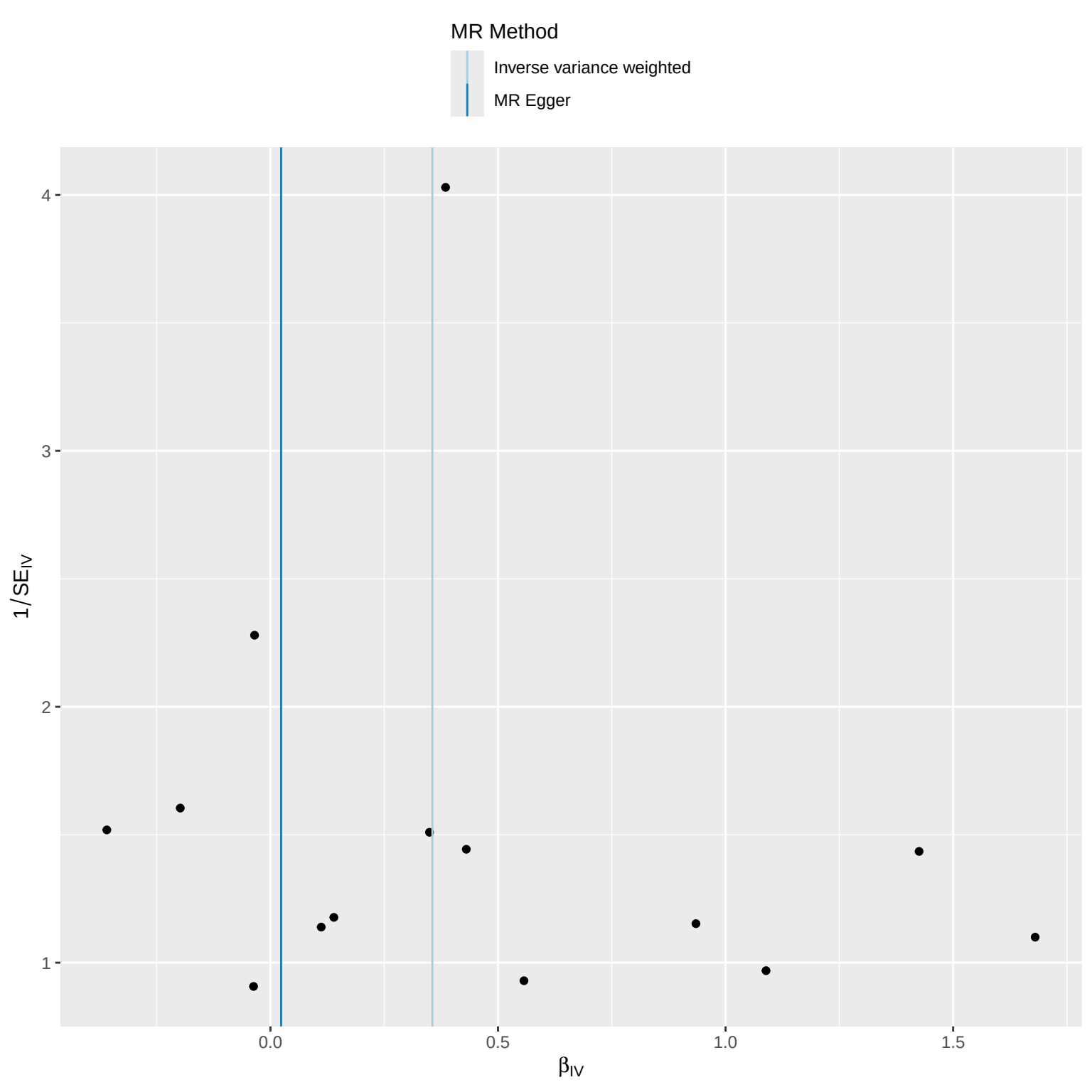

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

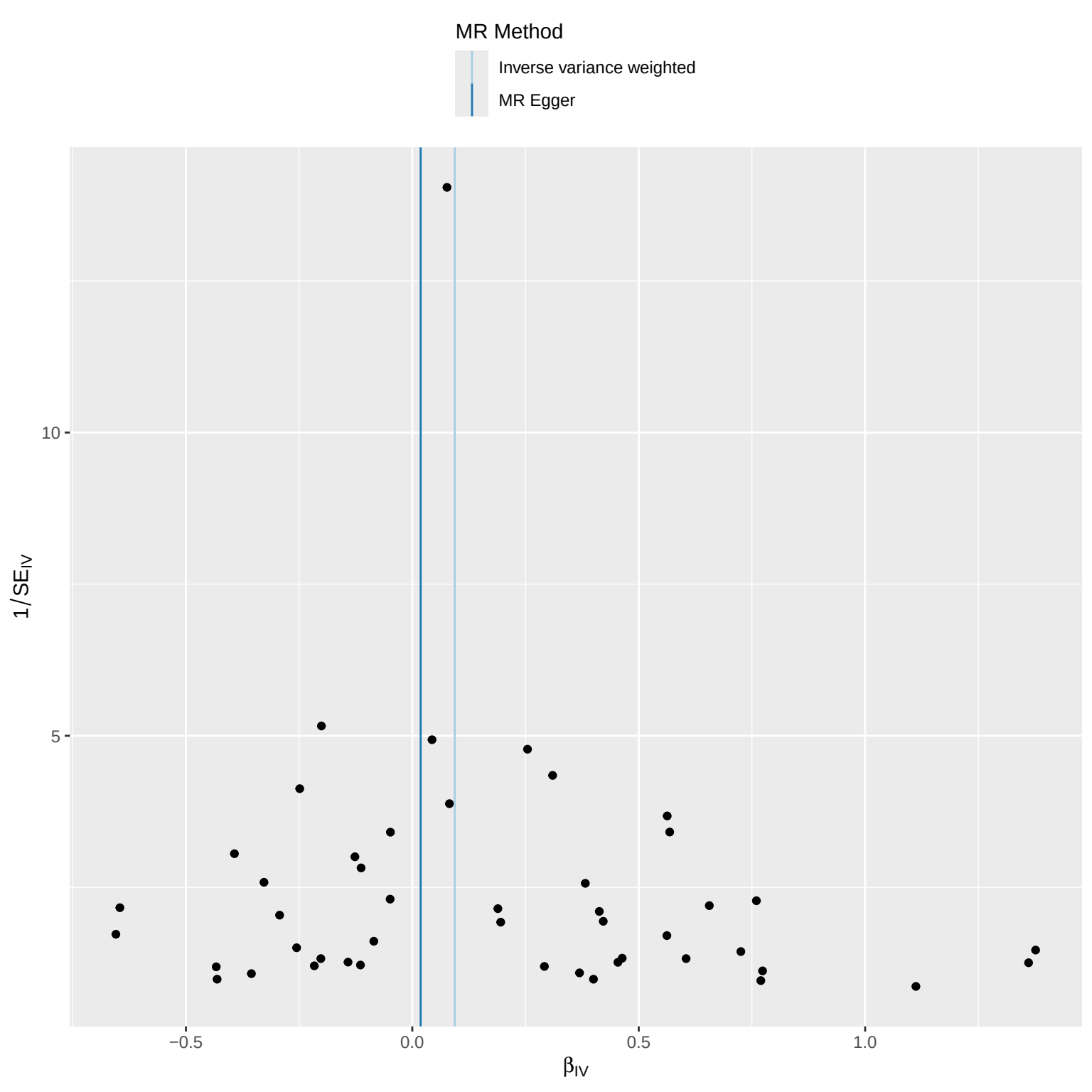

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

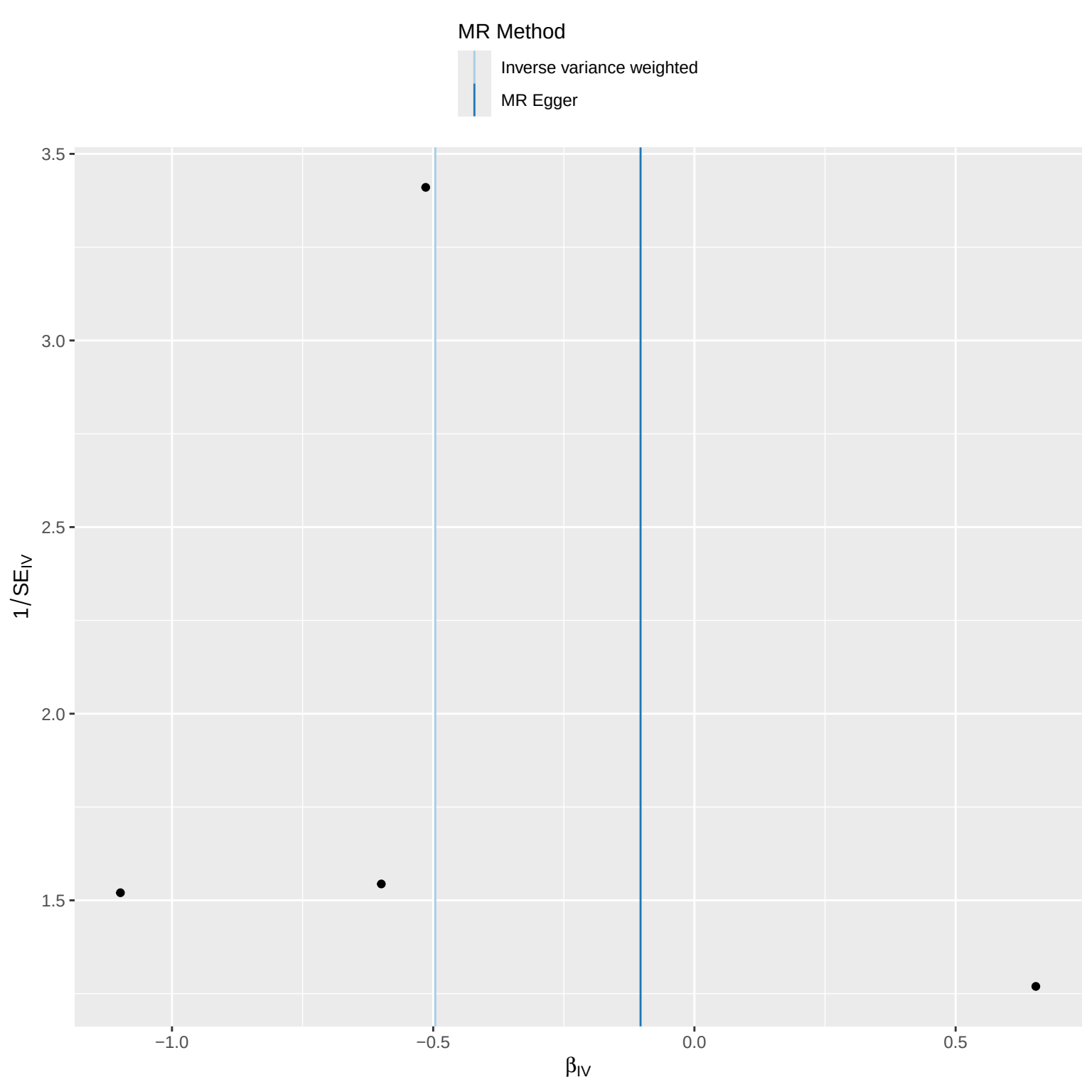

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−3
−2
−1
0
1

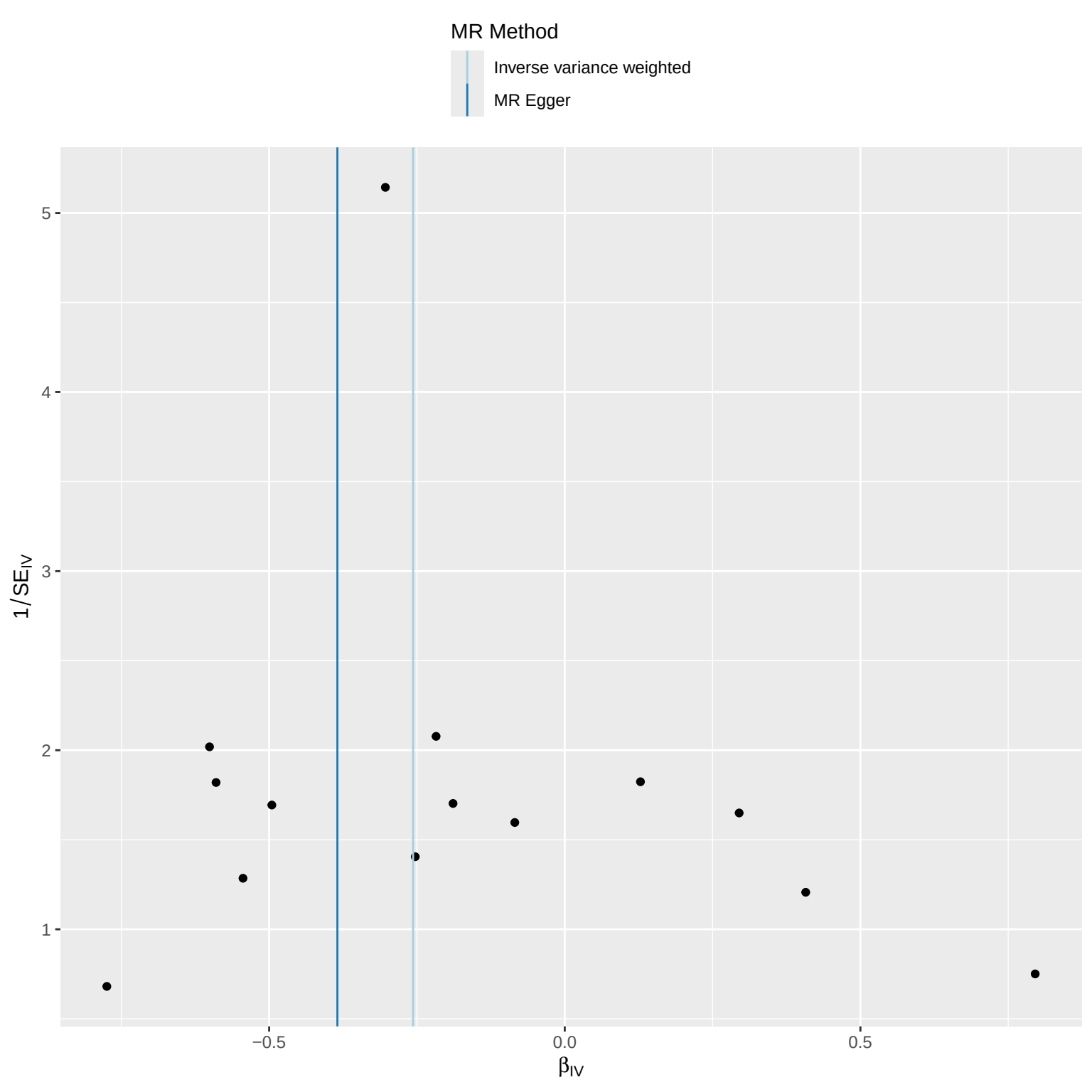

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

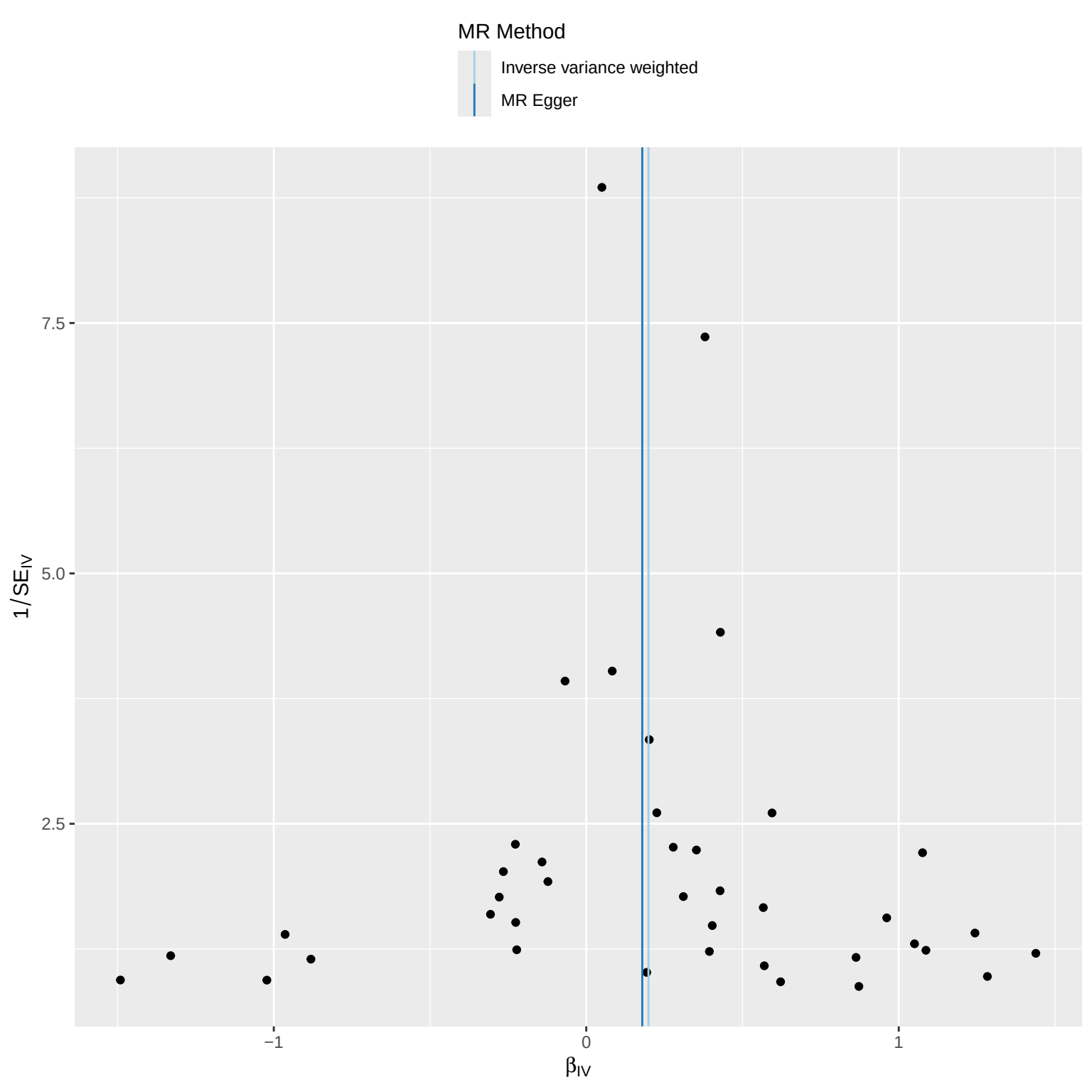

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1
2
1/SE_IV
β_IV

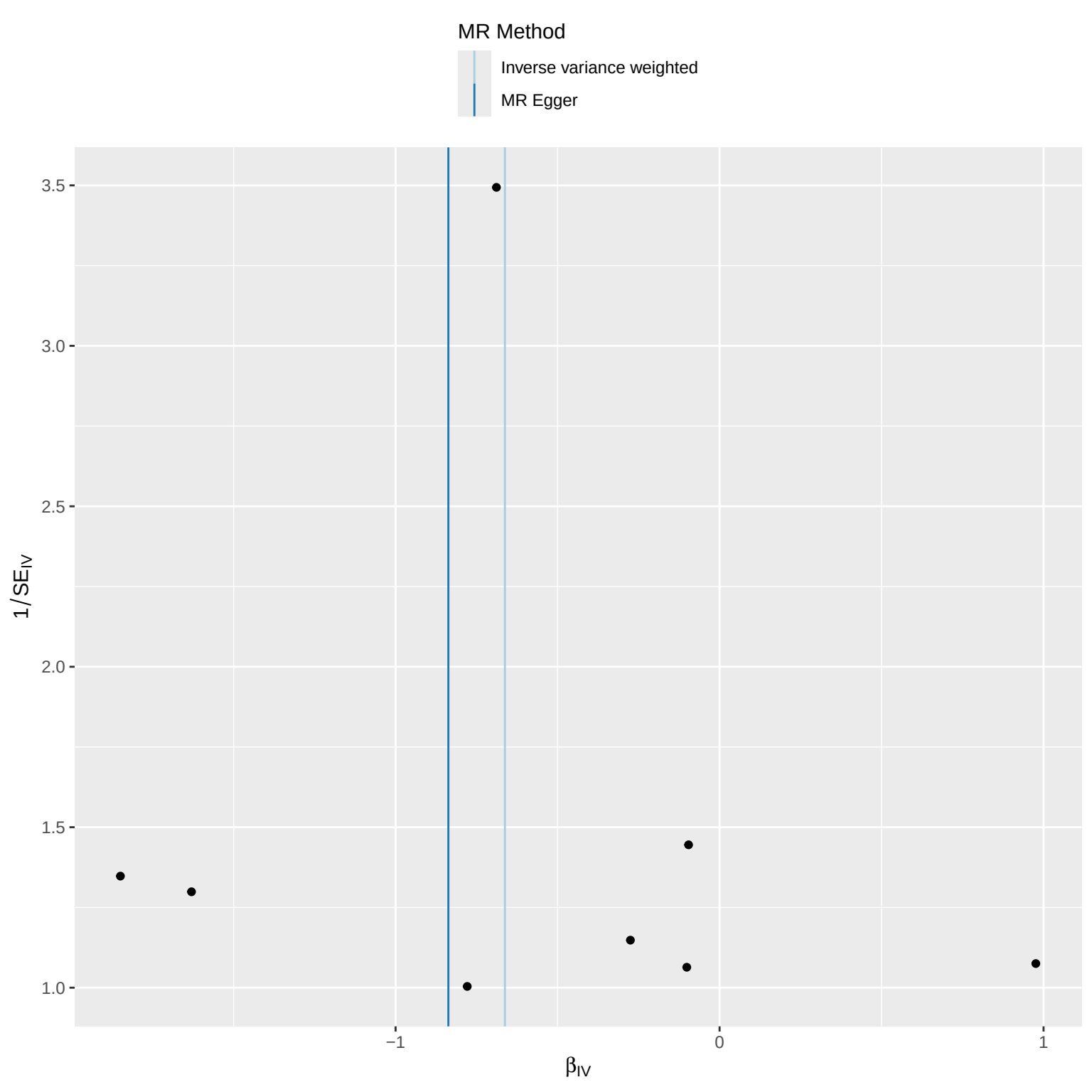

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

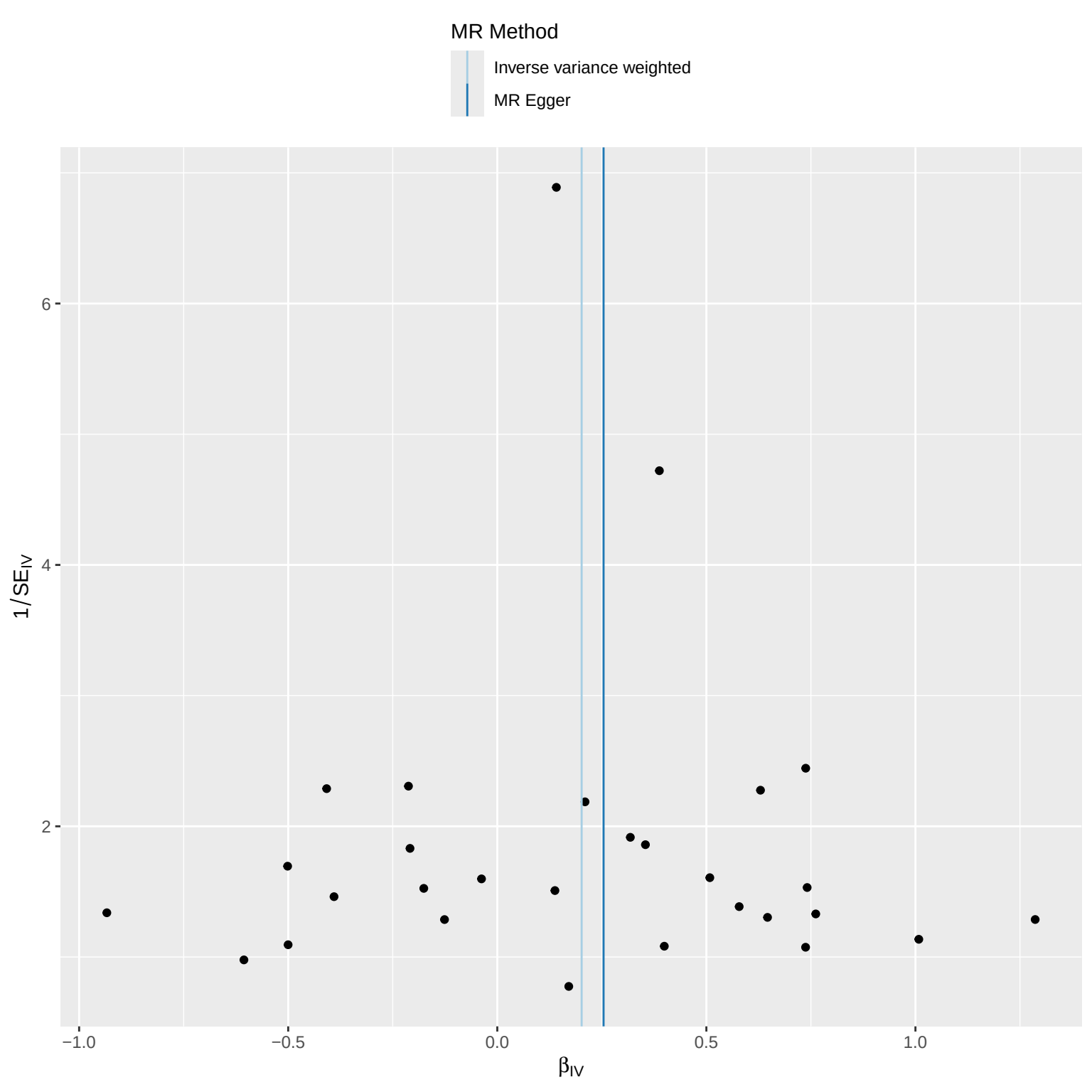

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

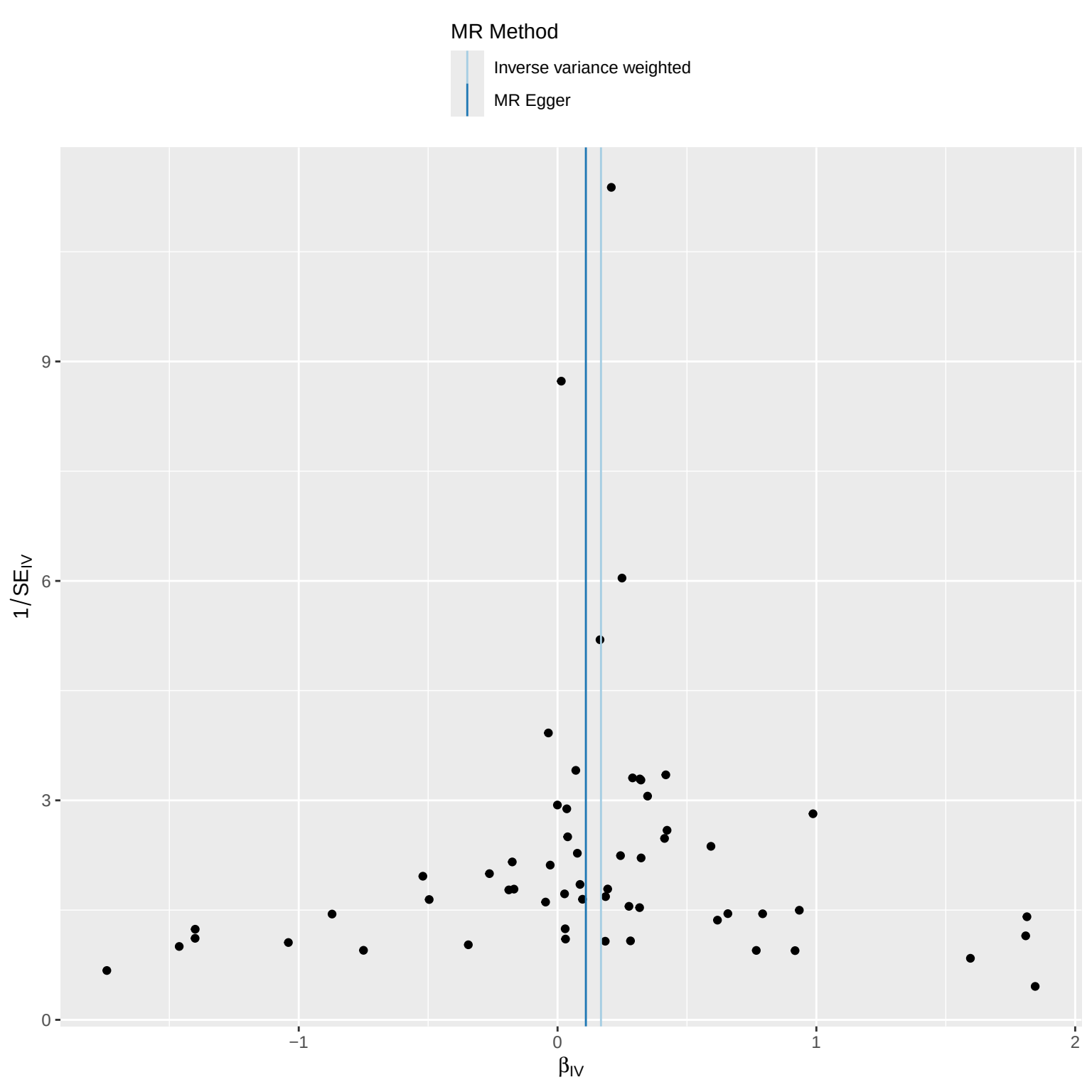

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

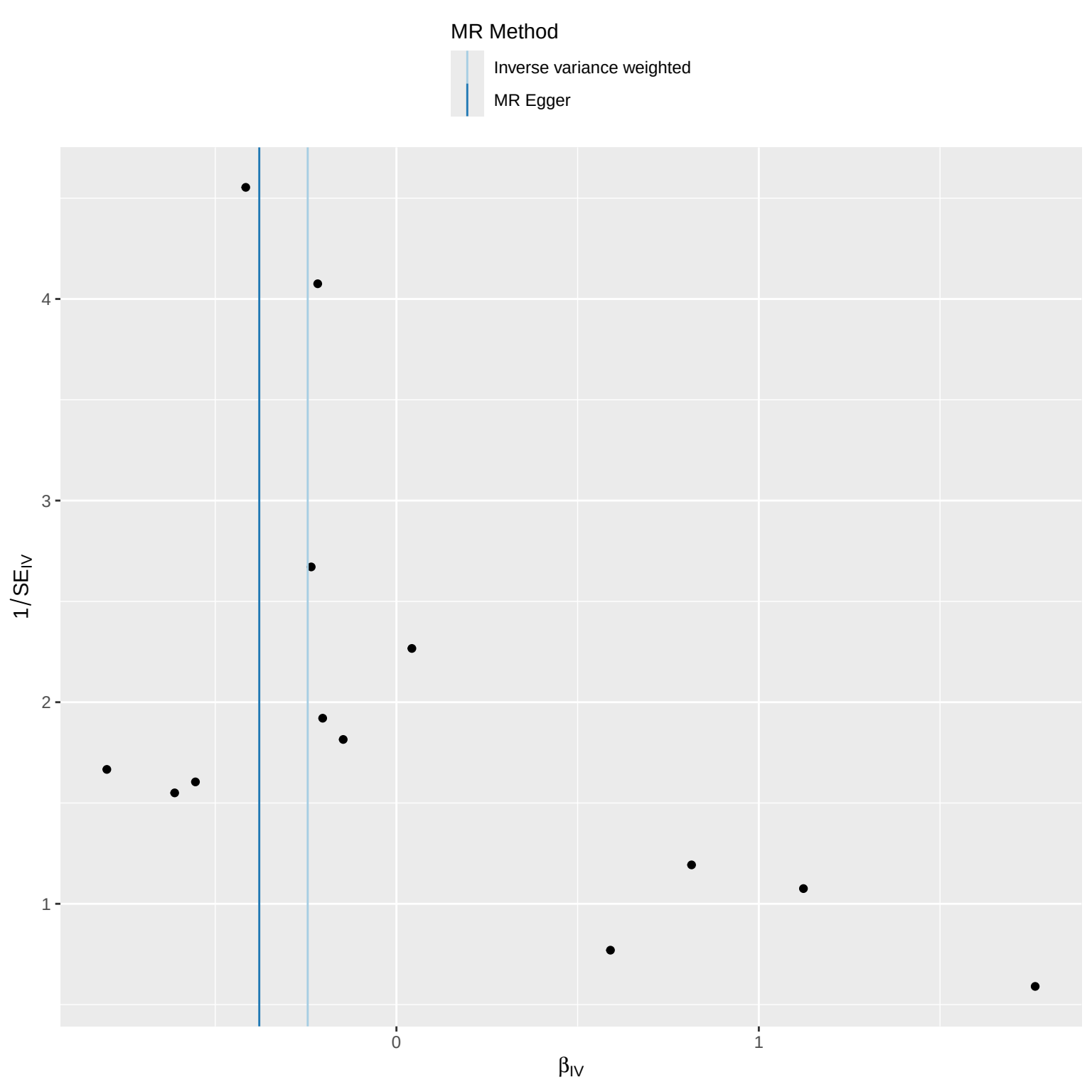

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
β_IV

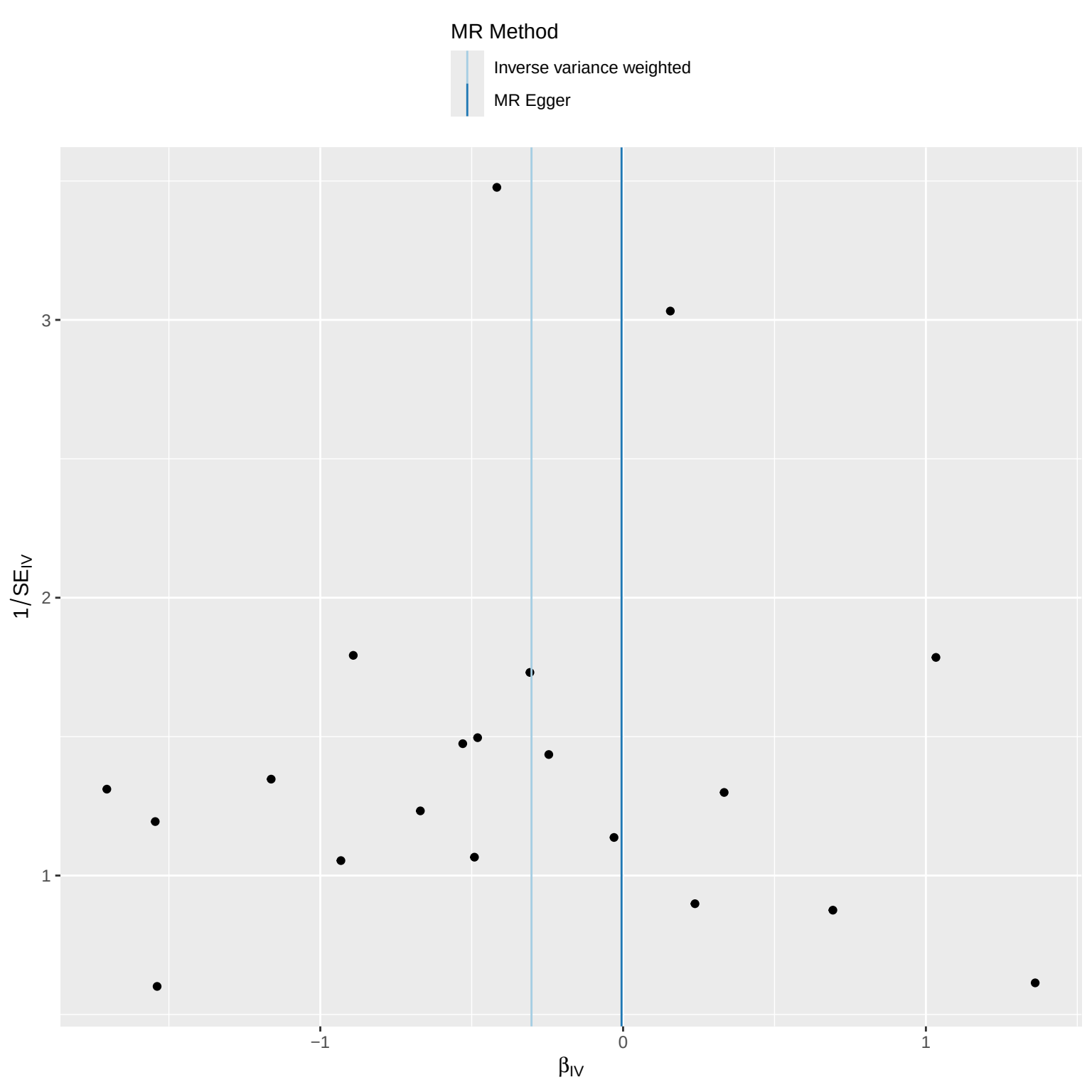

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

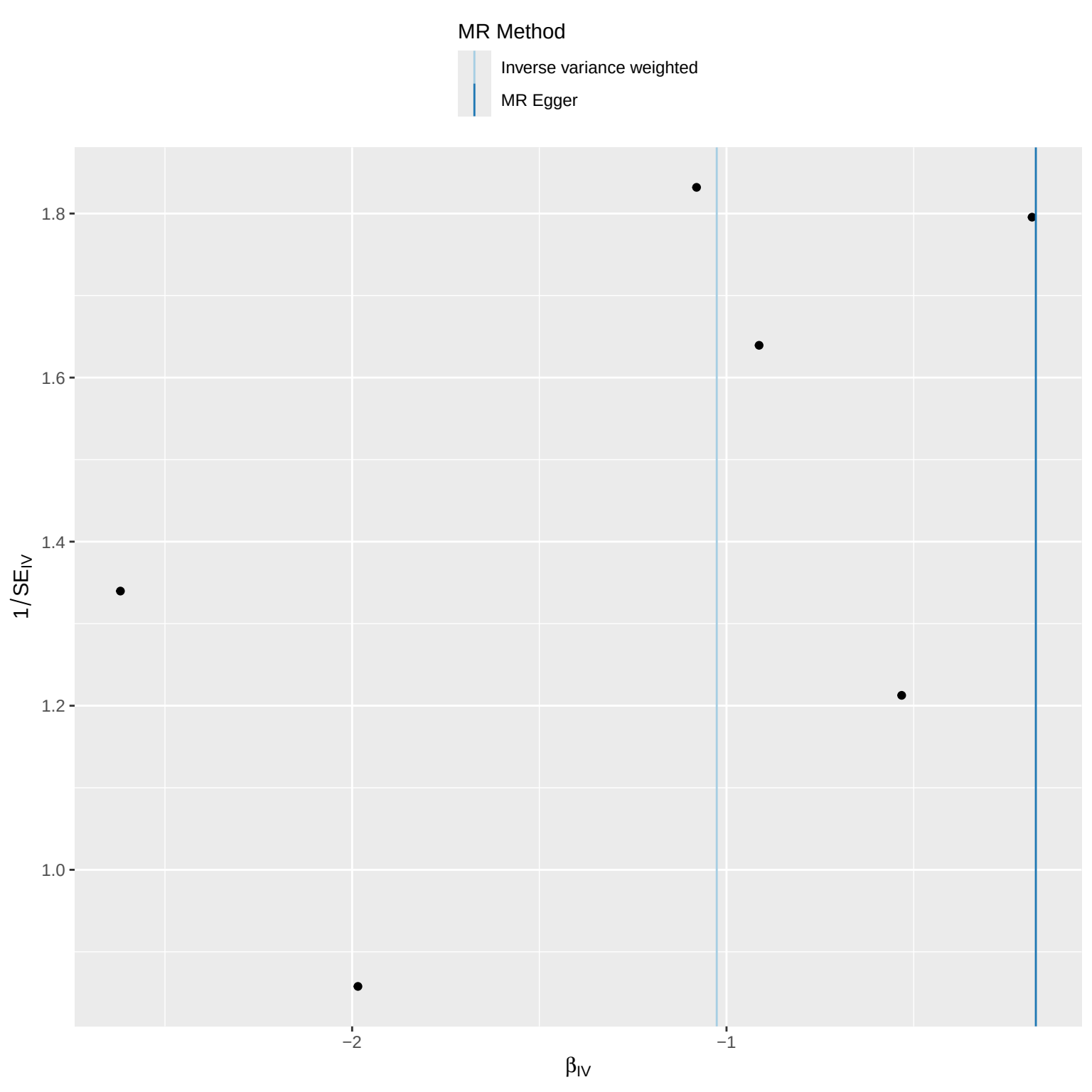

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

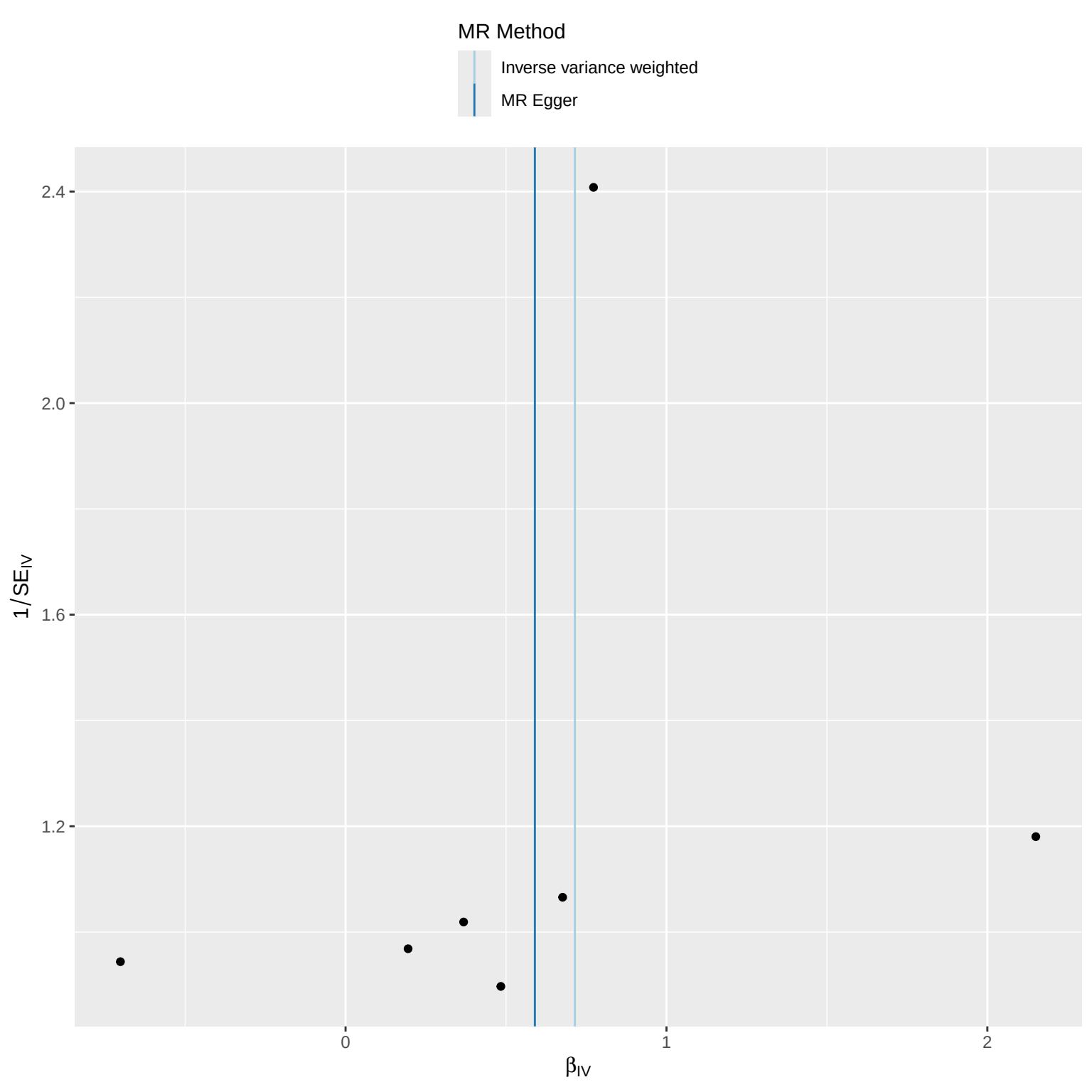

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

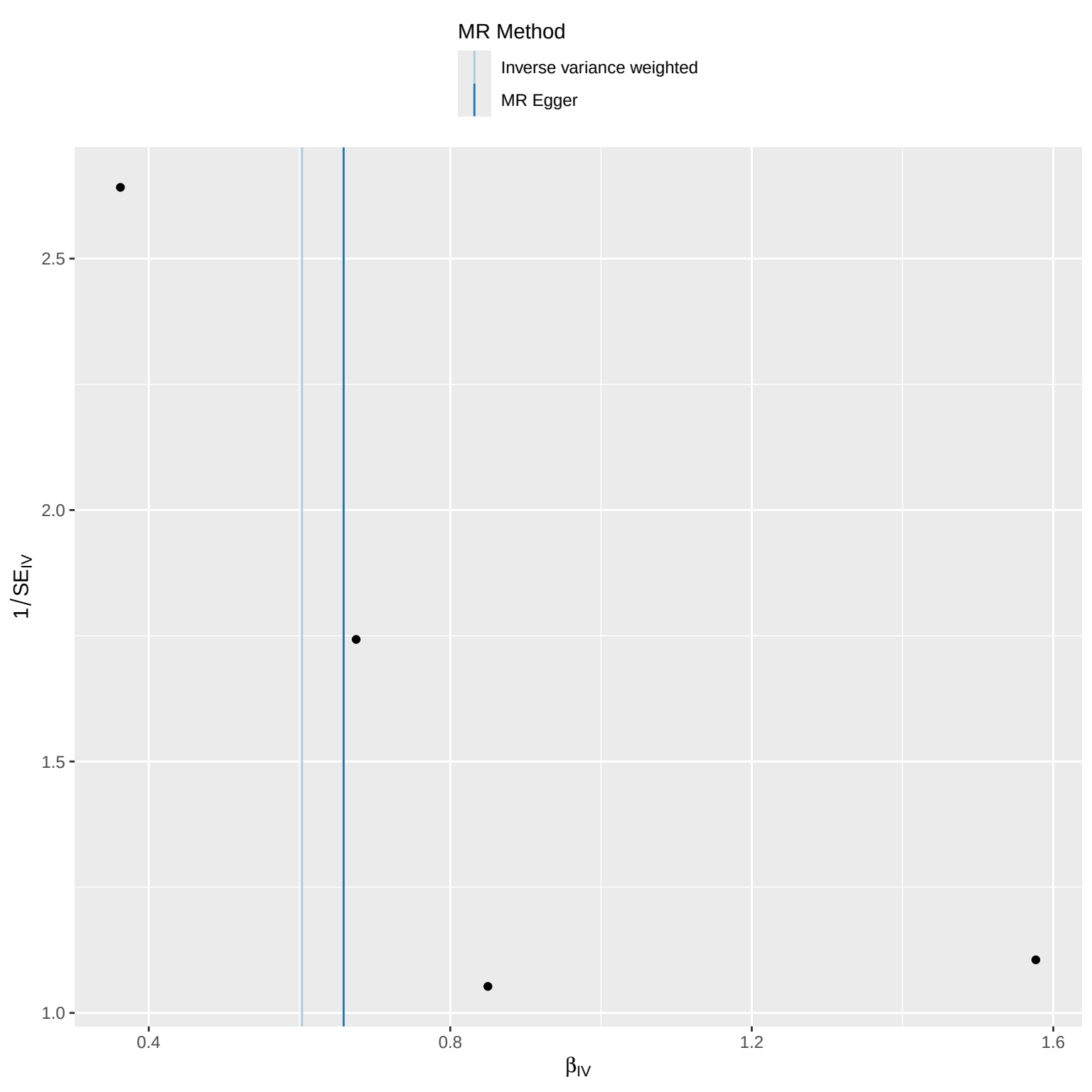

MR Method
Inverse variance weighted
MR Egger
9
6
3
0
1/SE_IV
−1
0
1
2
β_IV

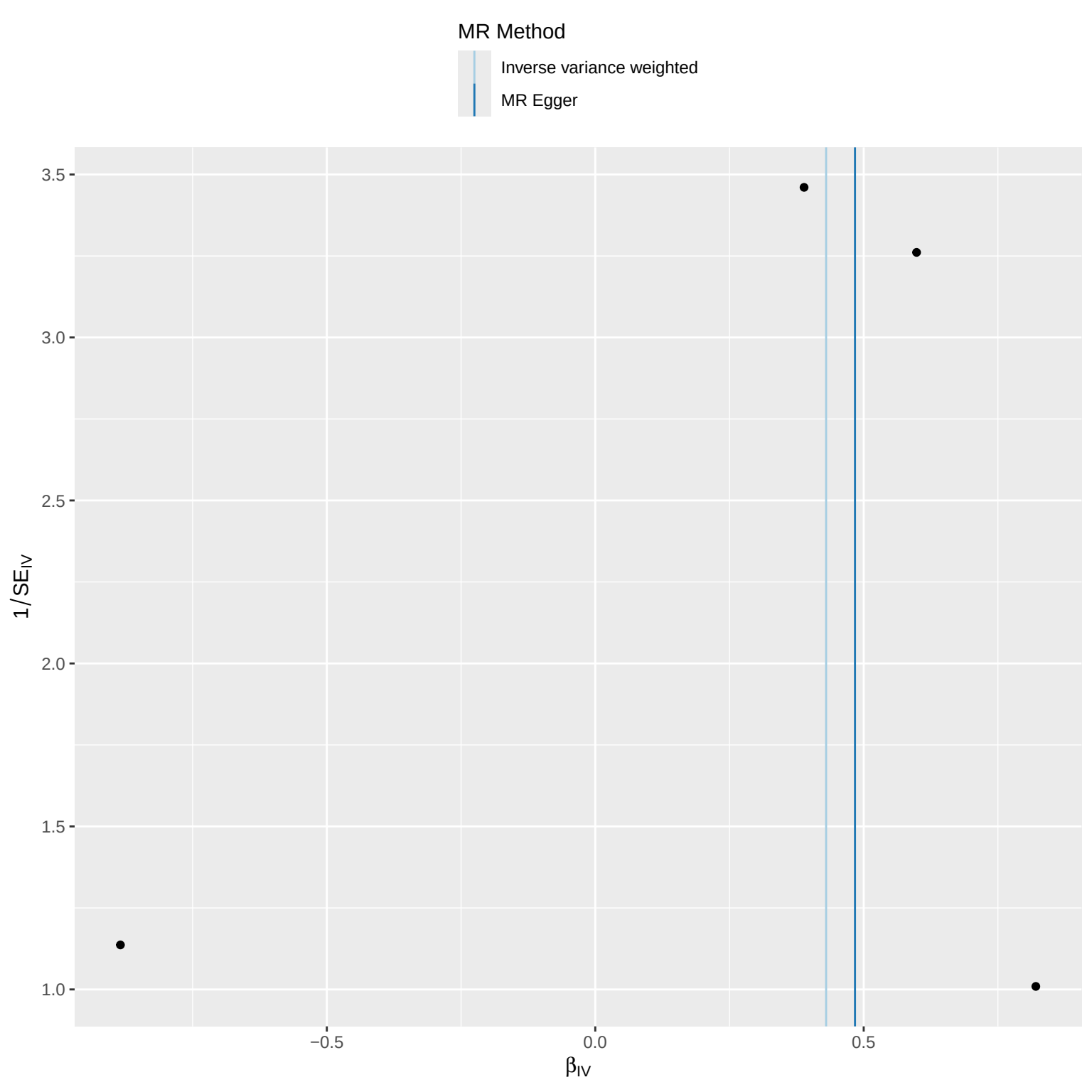

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
1/SE_IV
β_IV

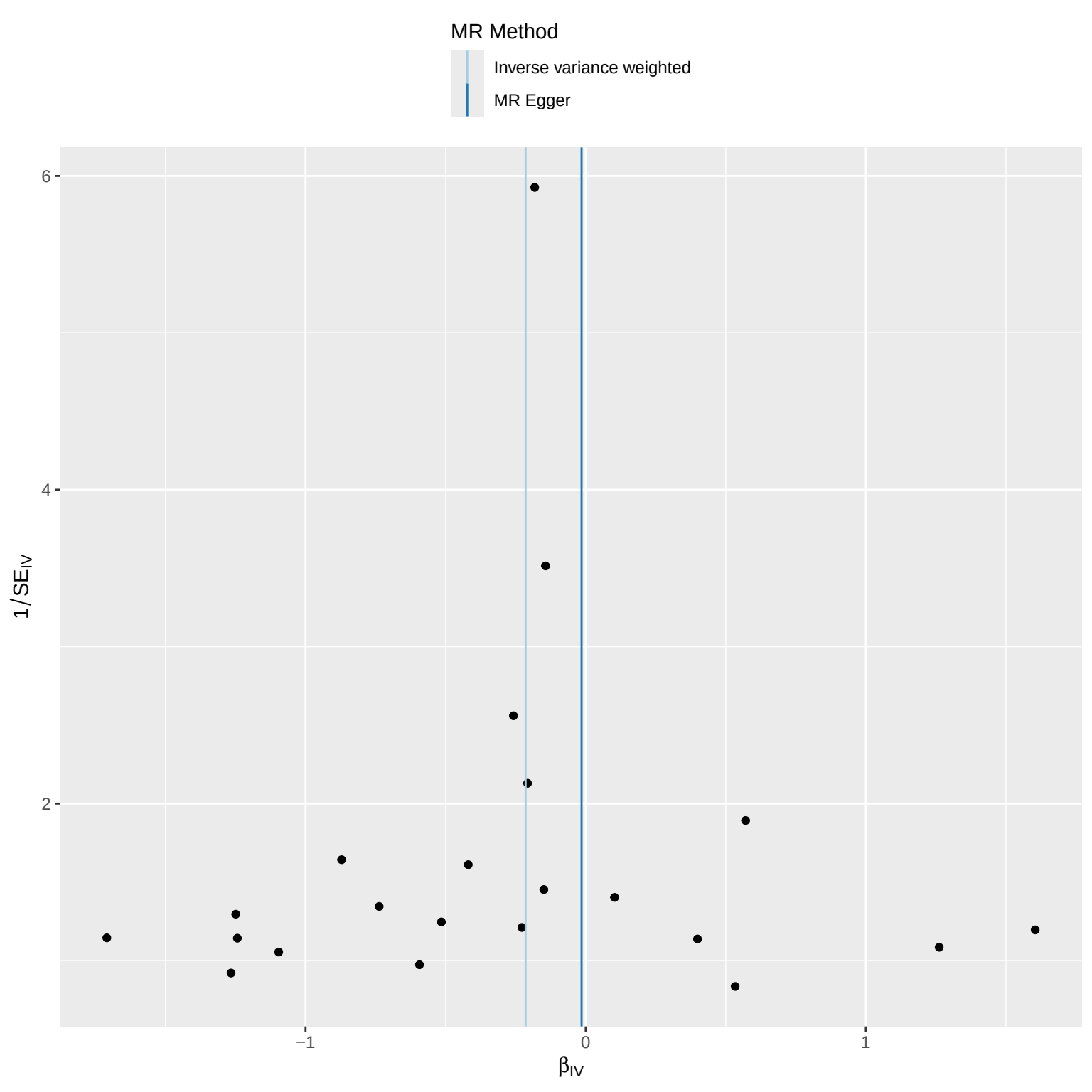

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

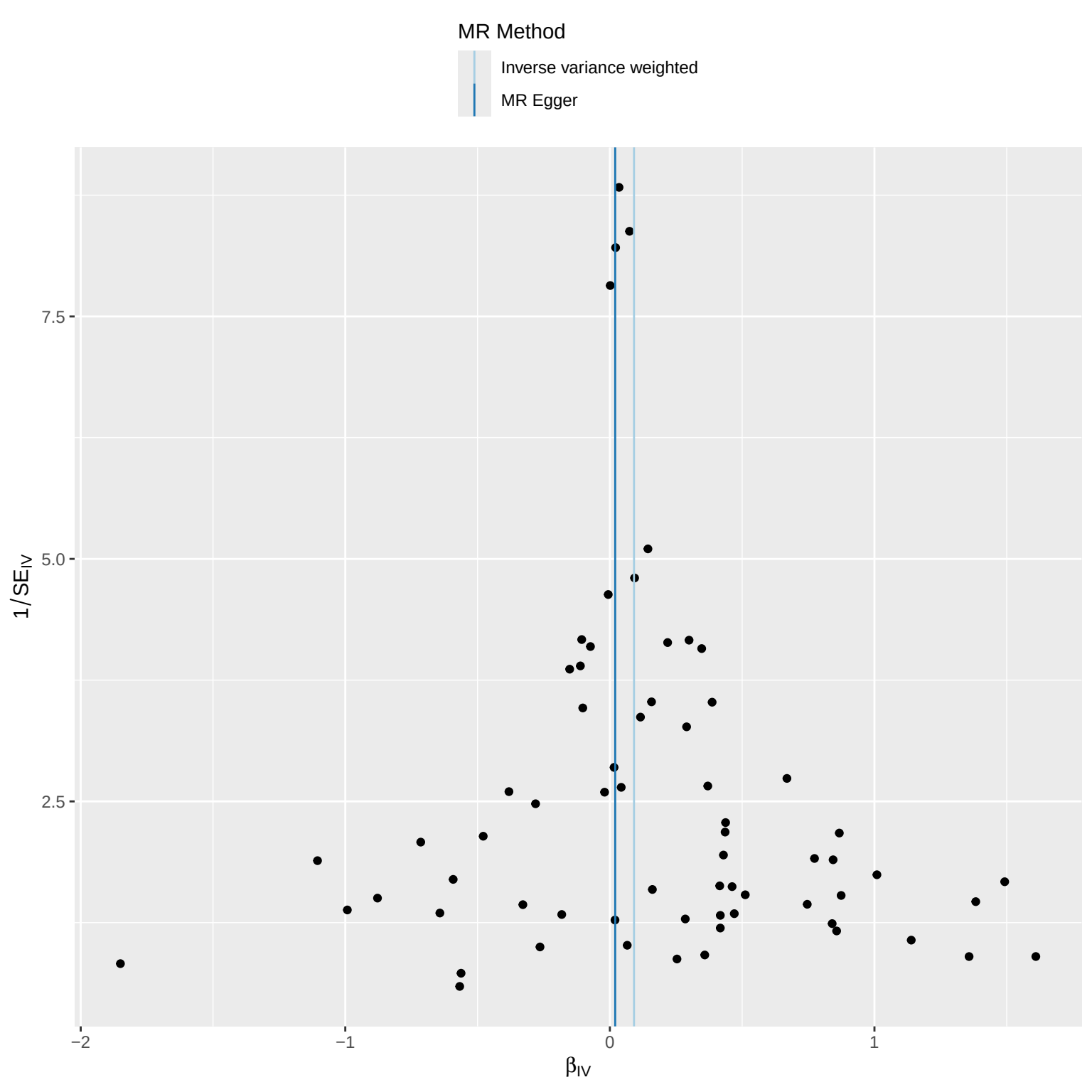

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
−2
−1
β_IV

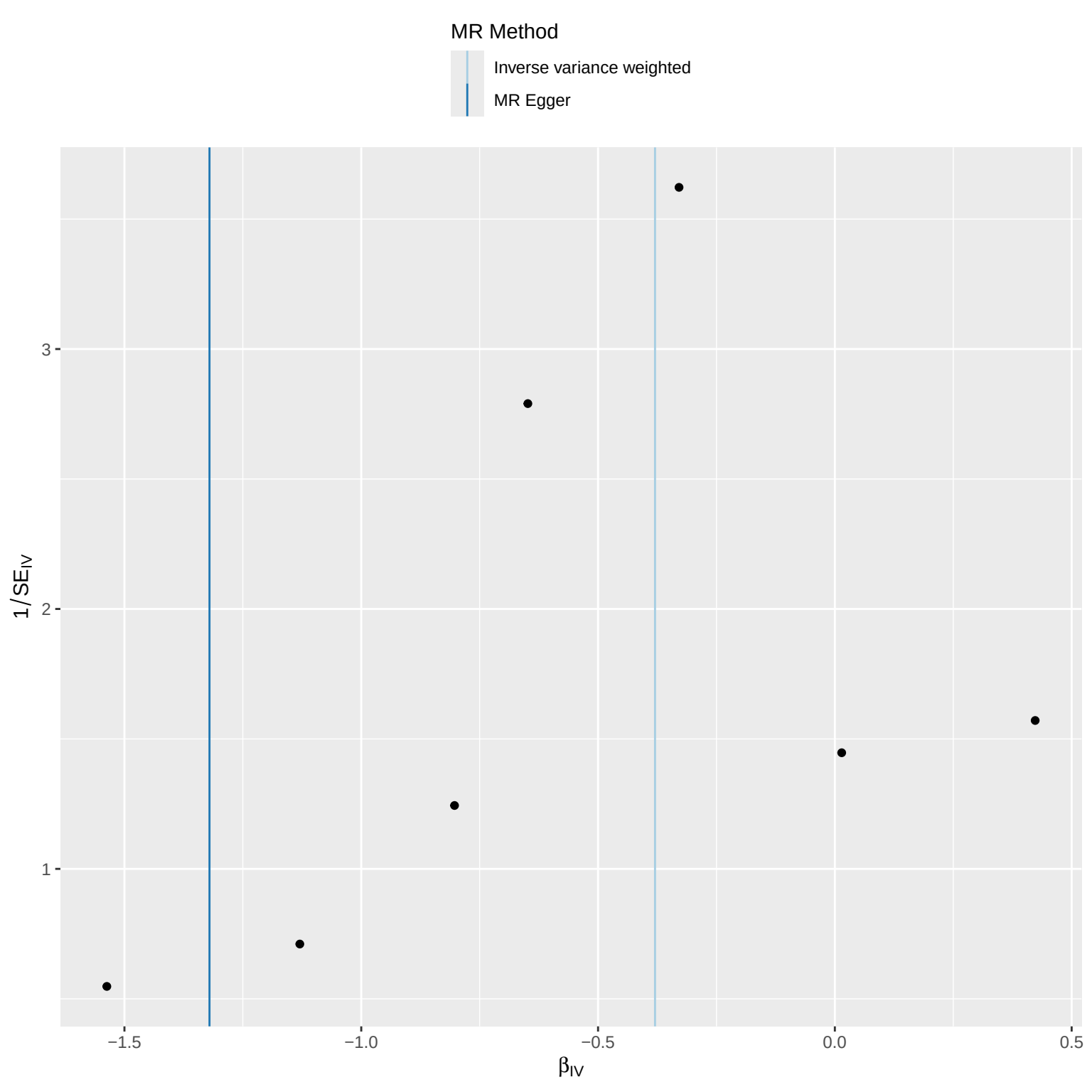

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
1/SE_IV
0
1
2
β_IV

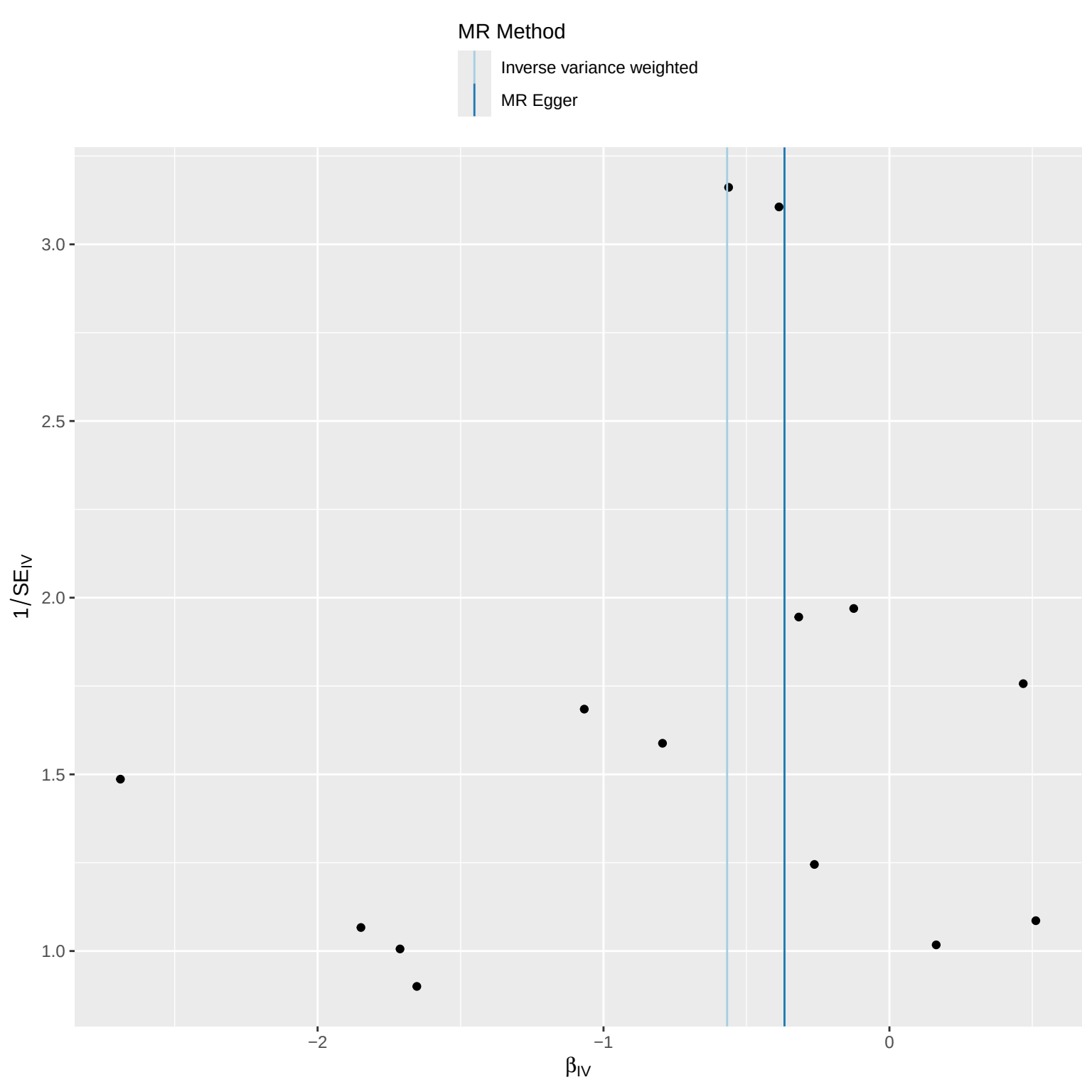

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.4
0.8
1.2
1.6
β_IV

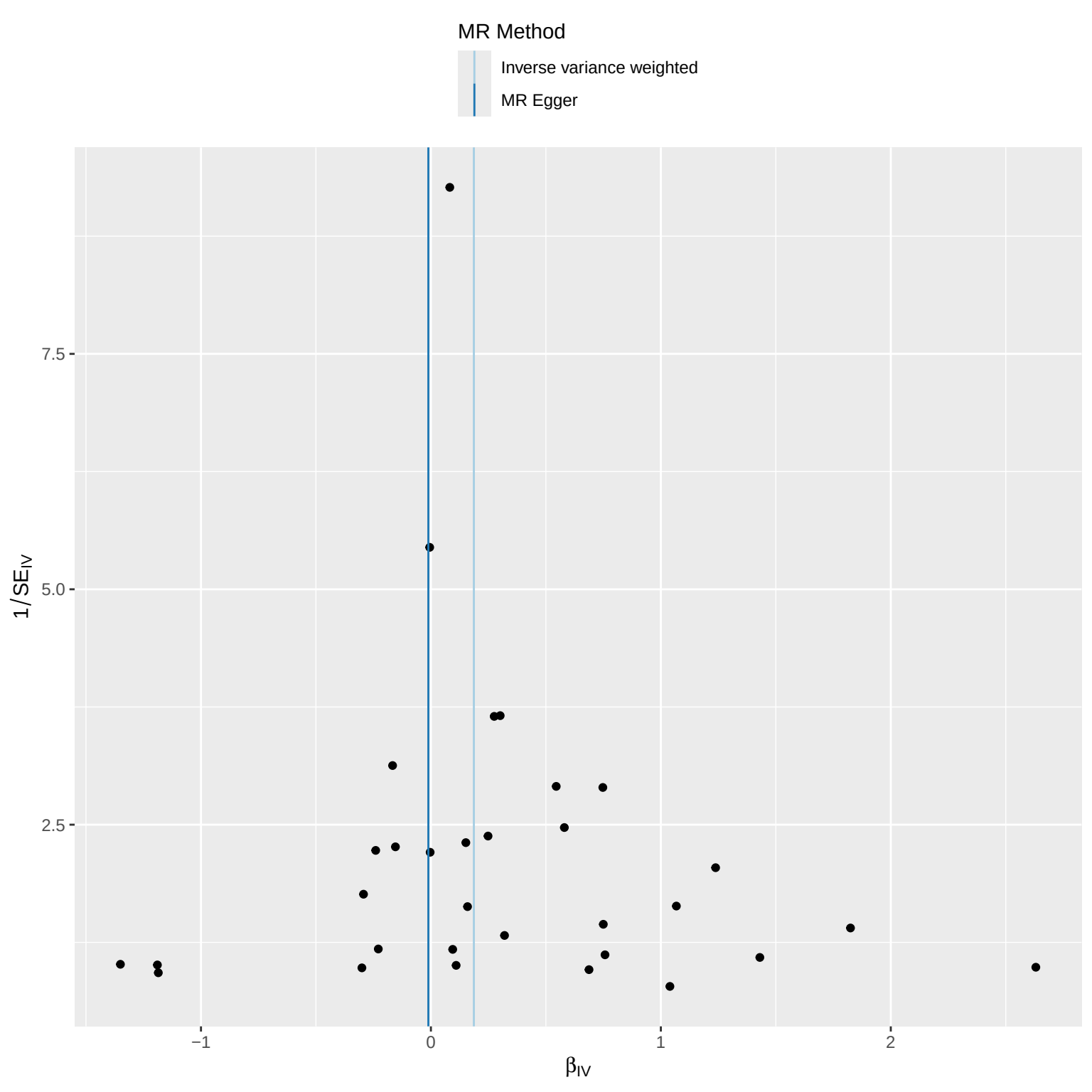

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
β_IV

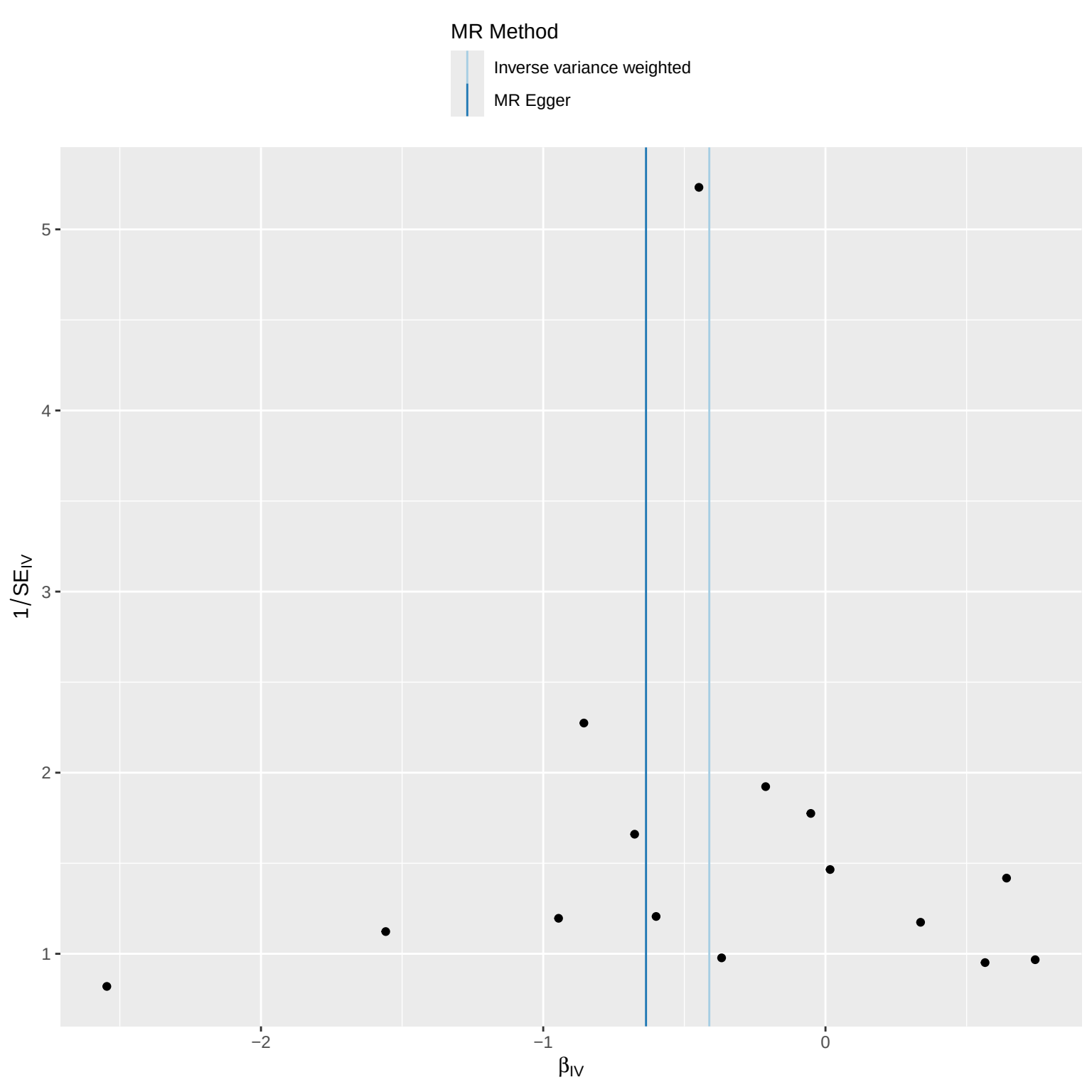

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

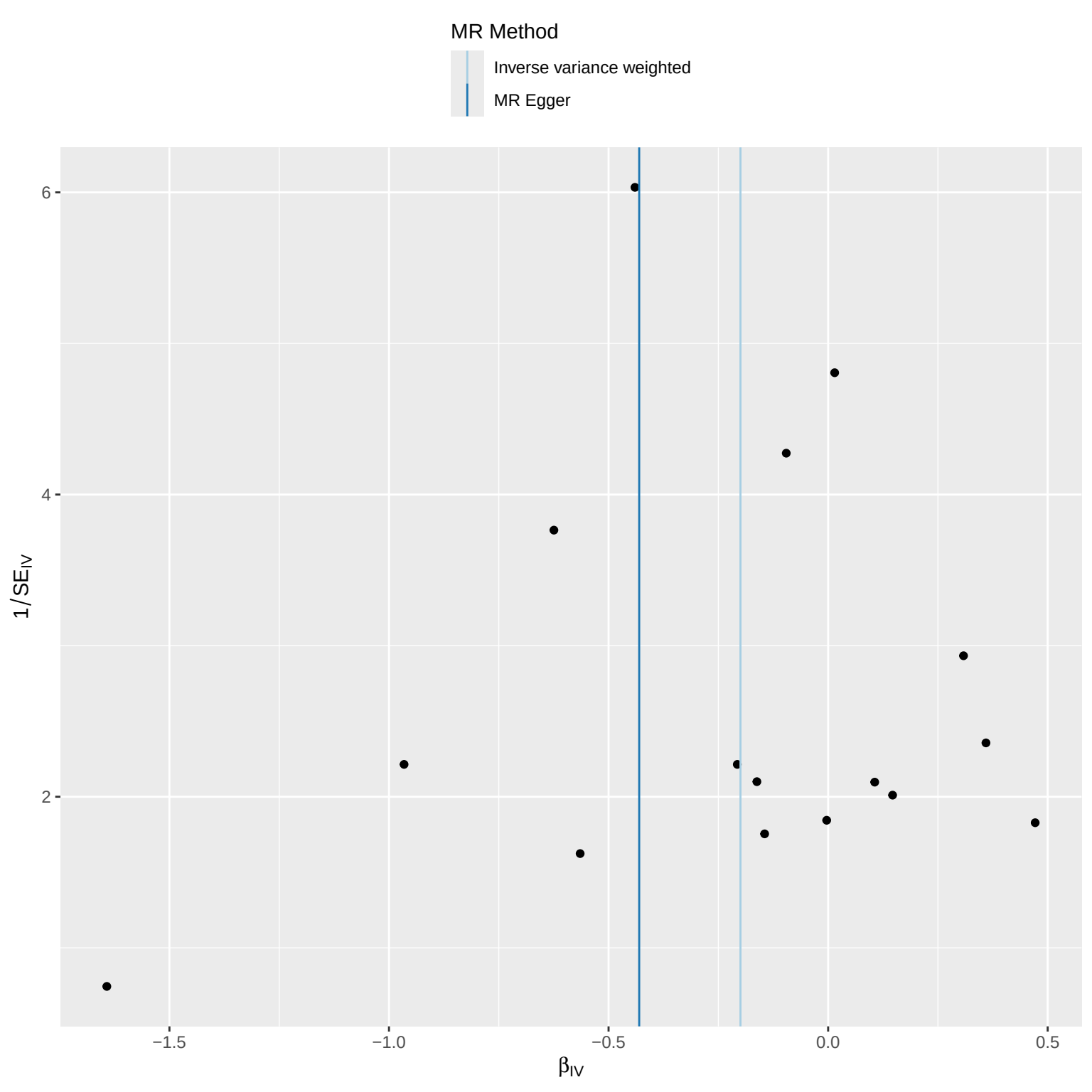

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

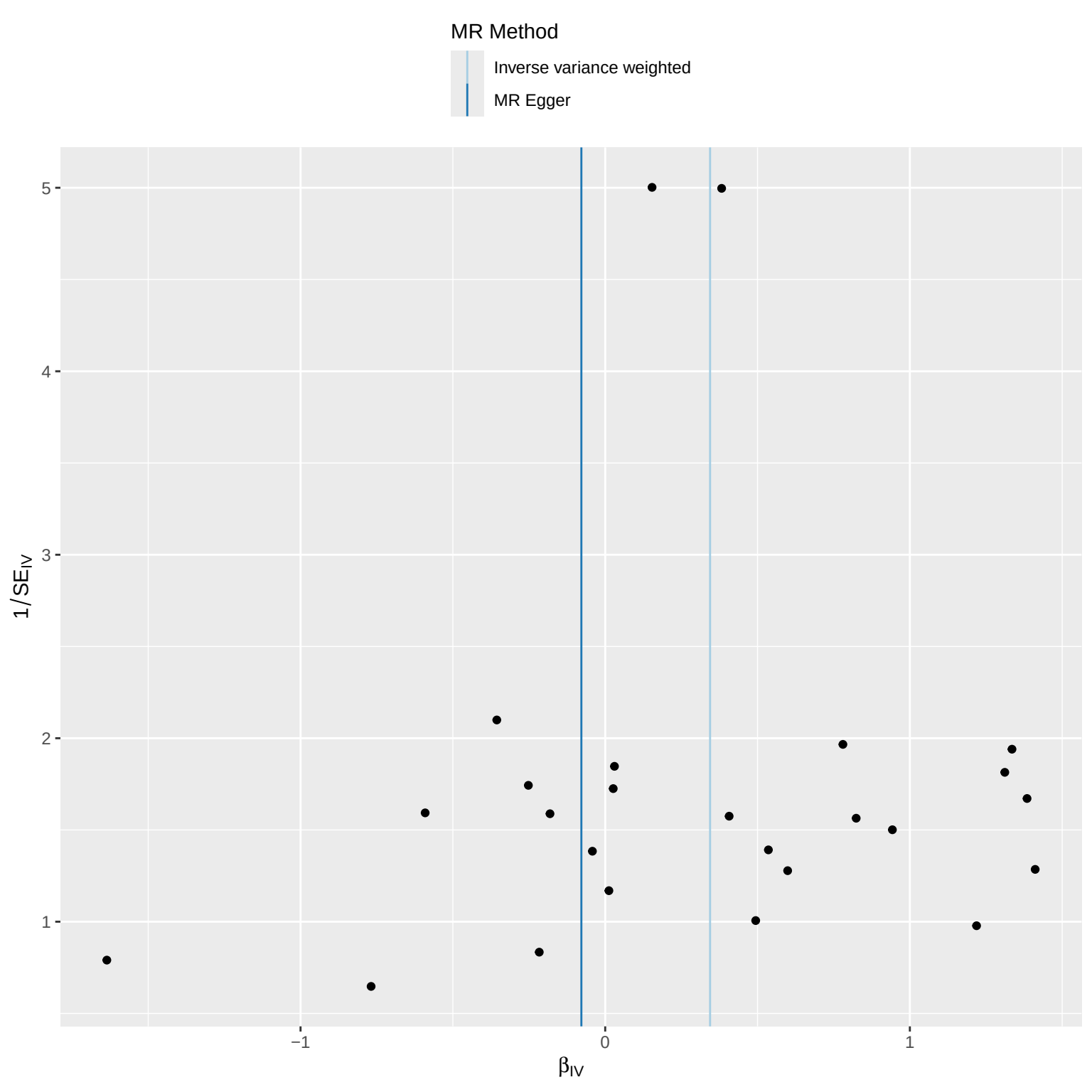

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

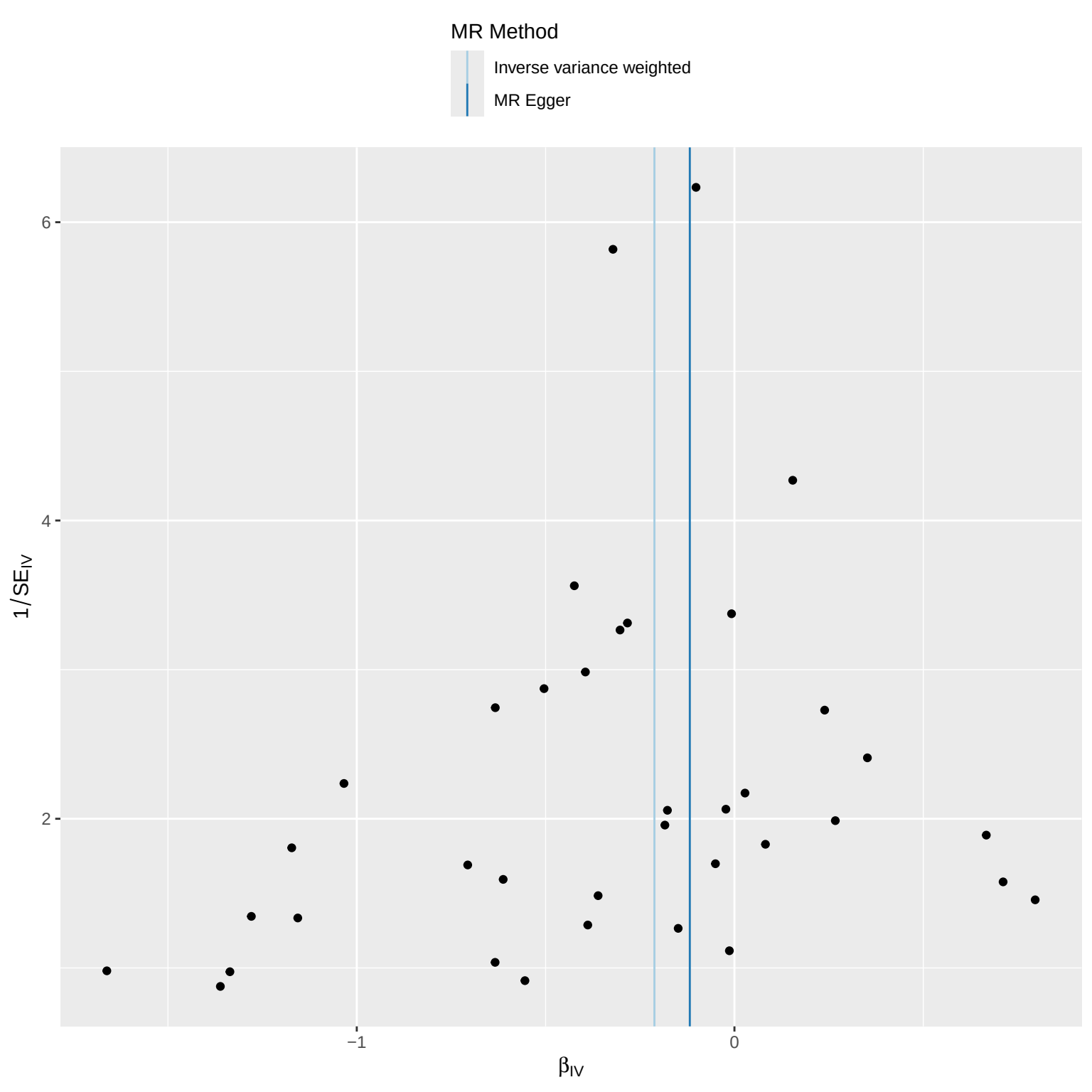

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

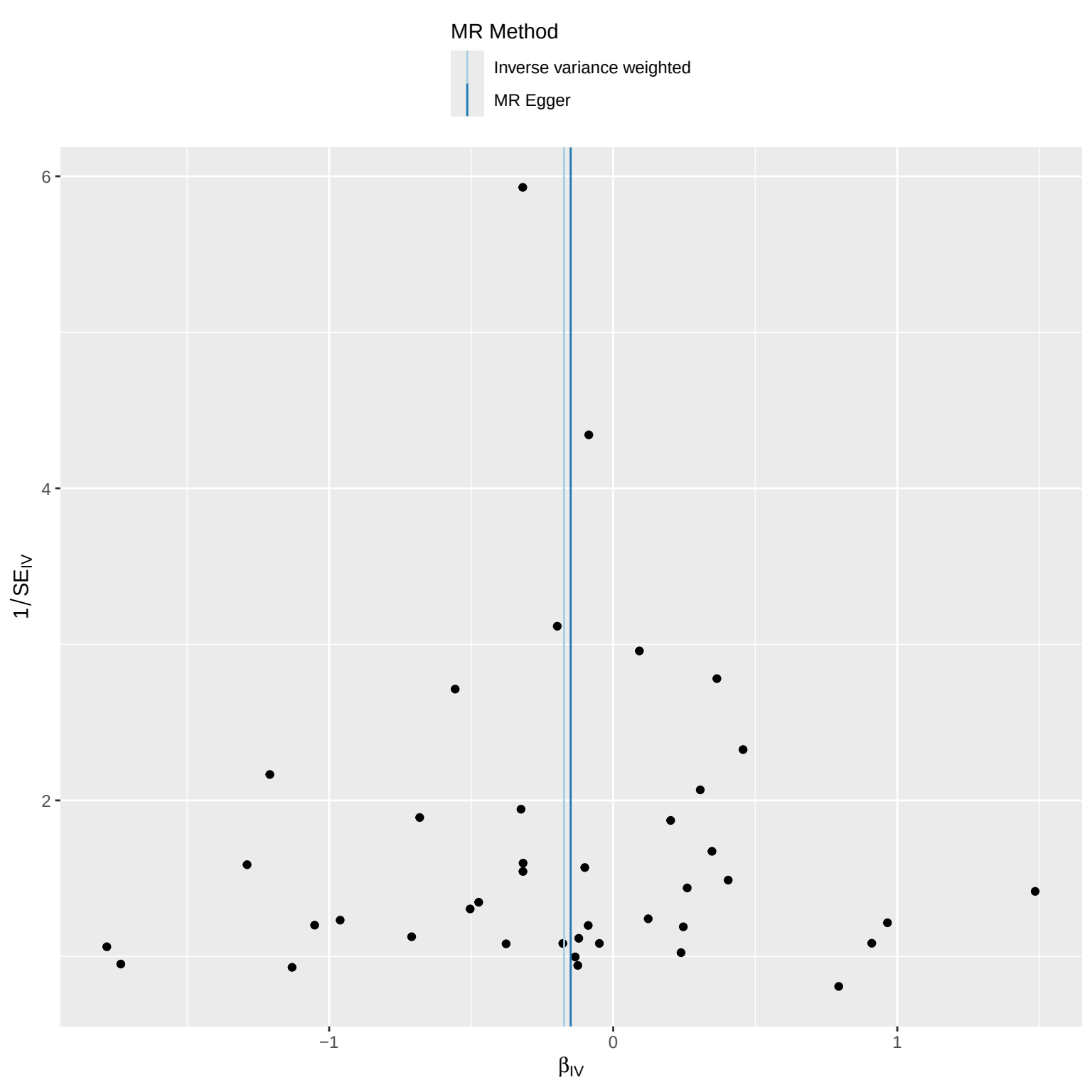

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

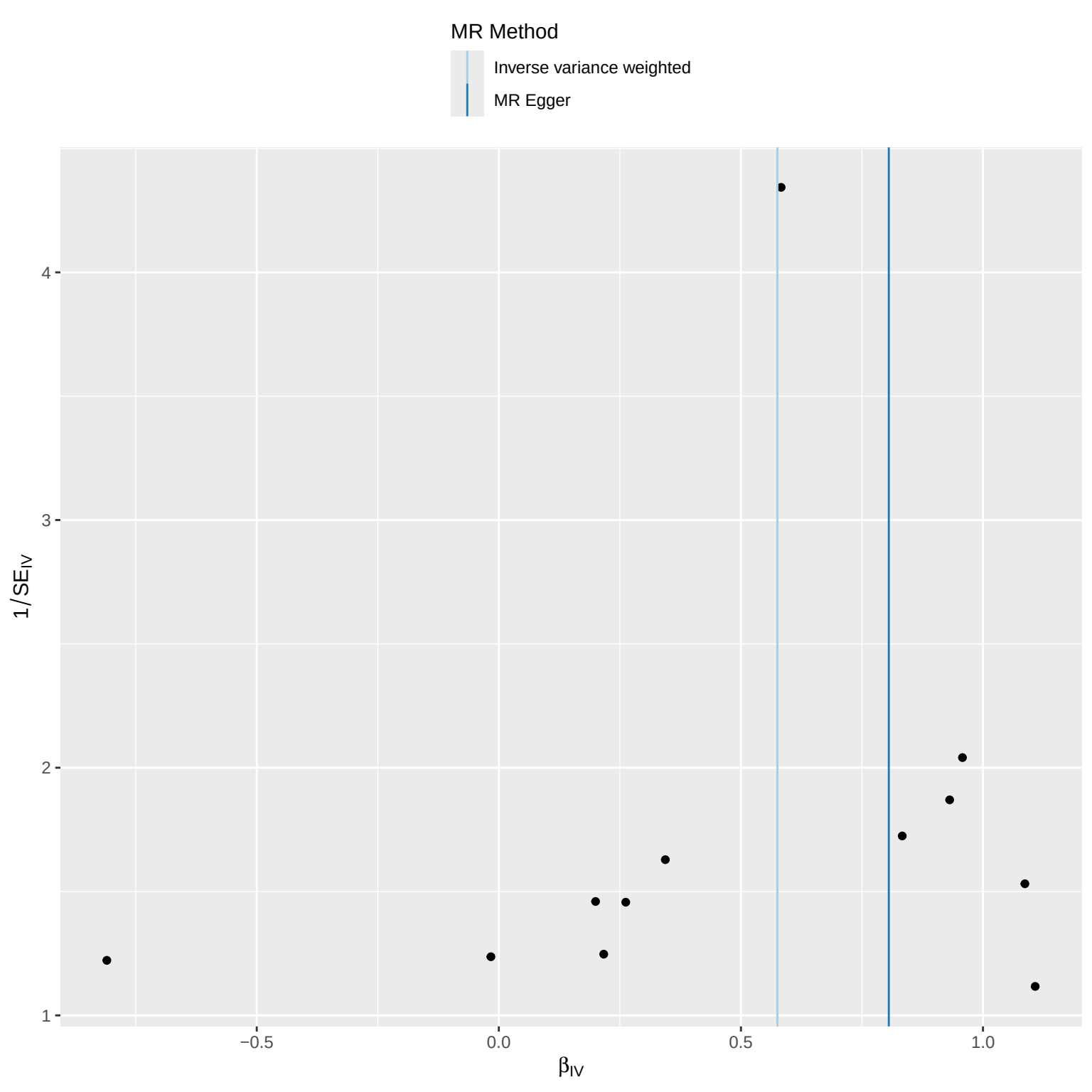

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

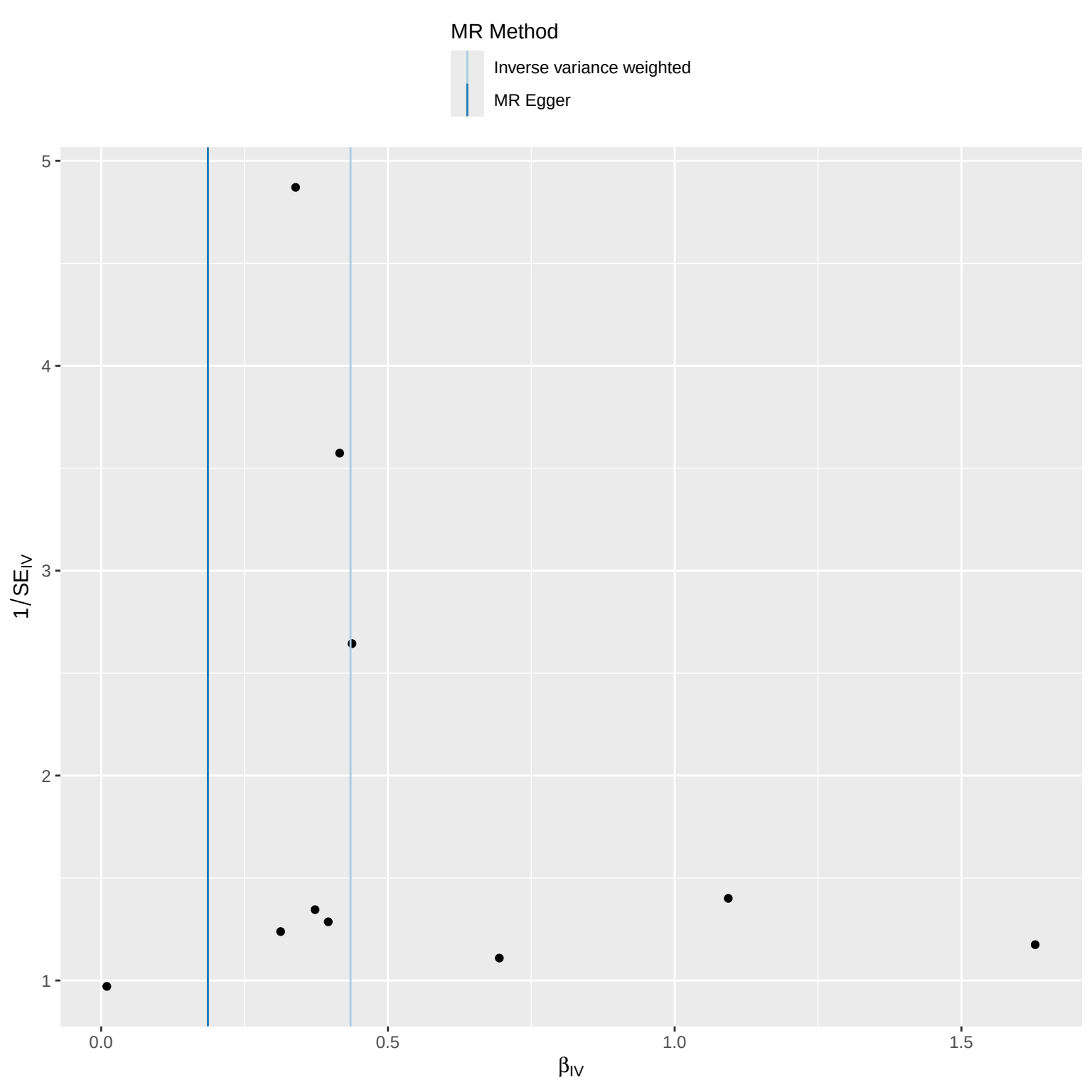

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

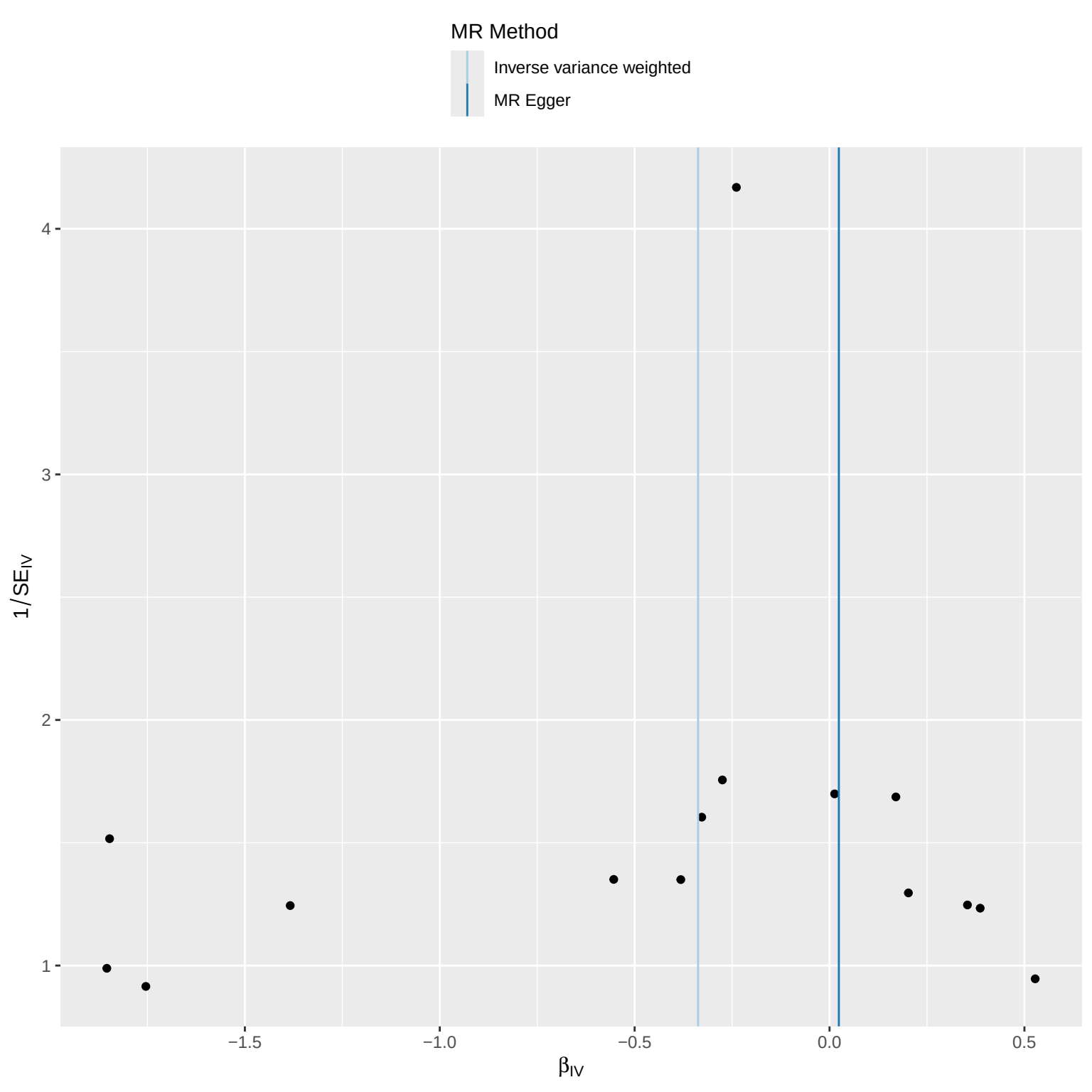

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

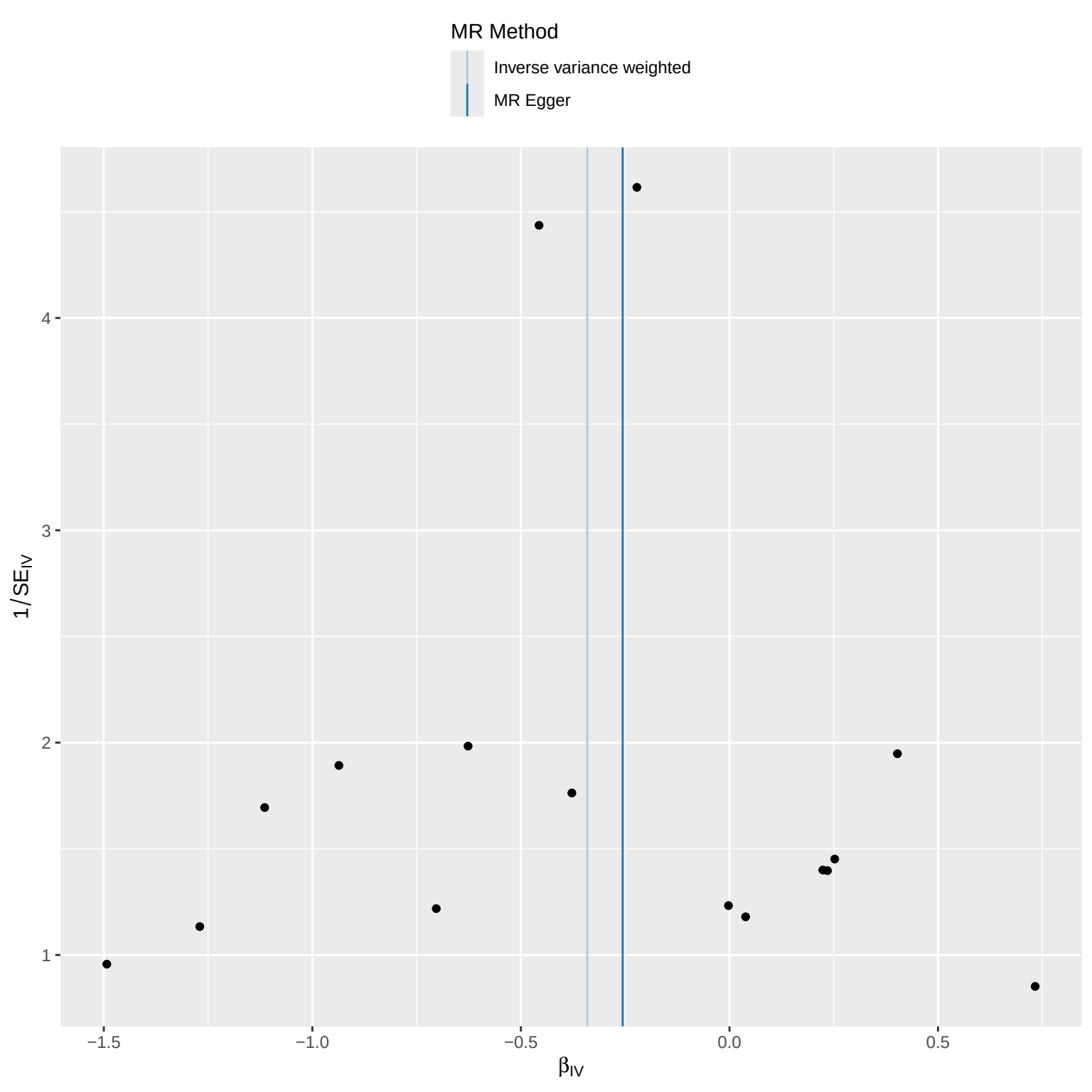

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
β_IV

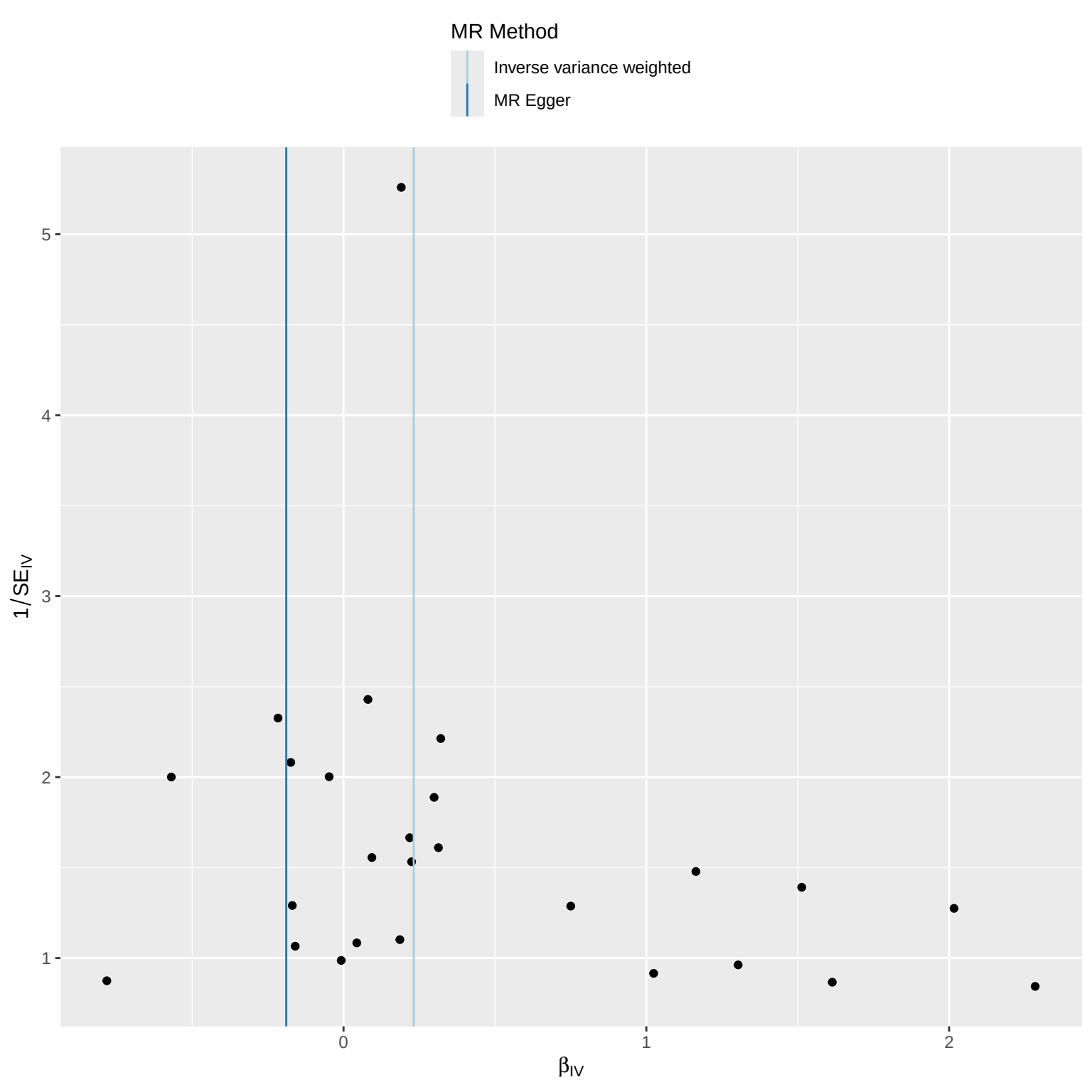

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

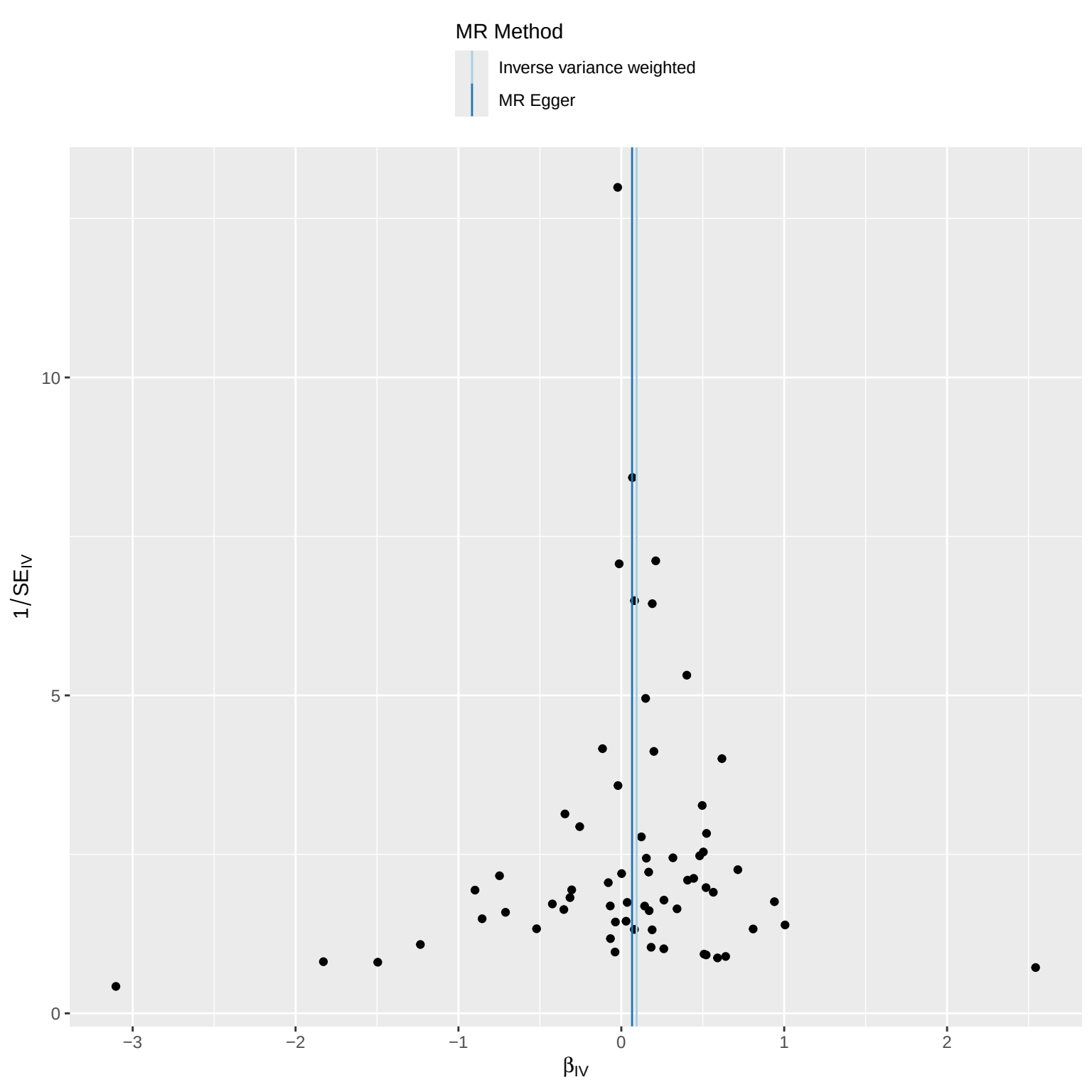

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

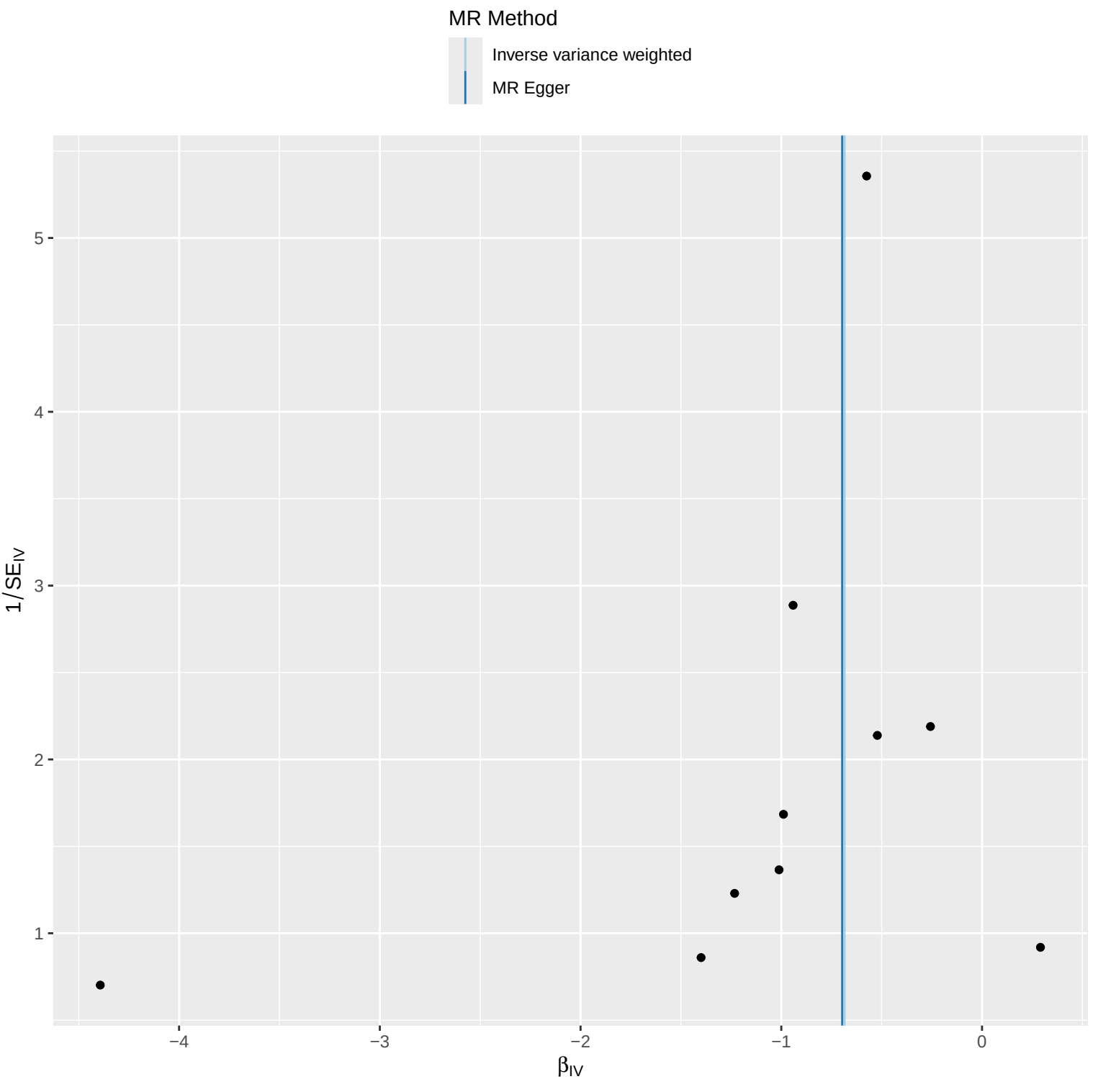

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

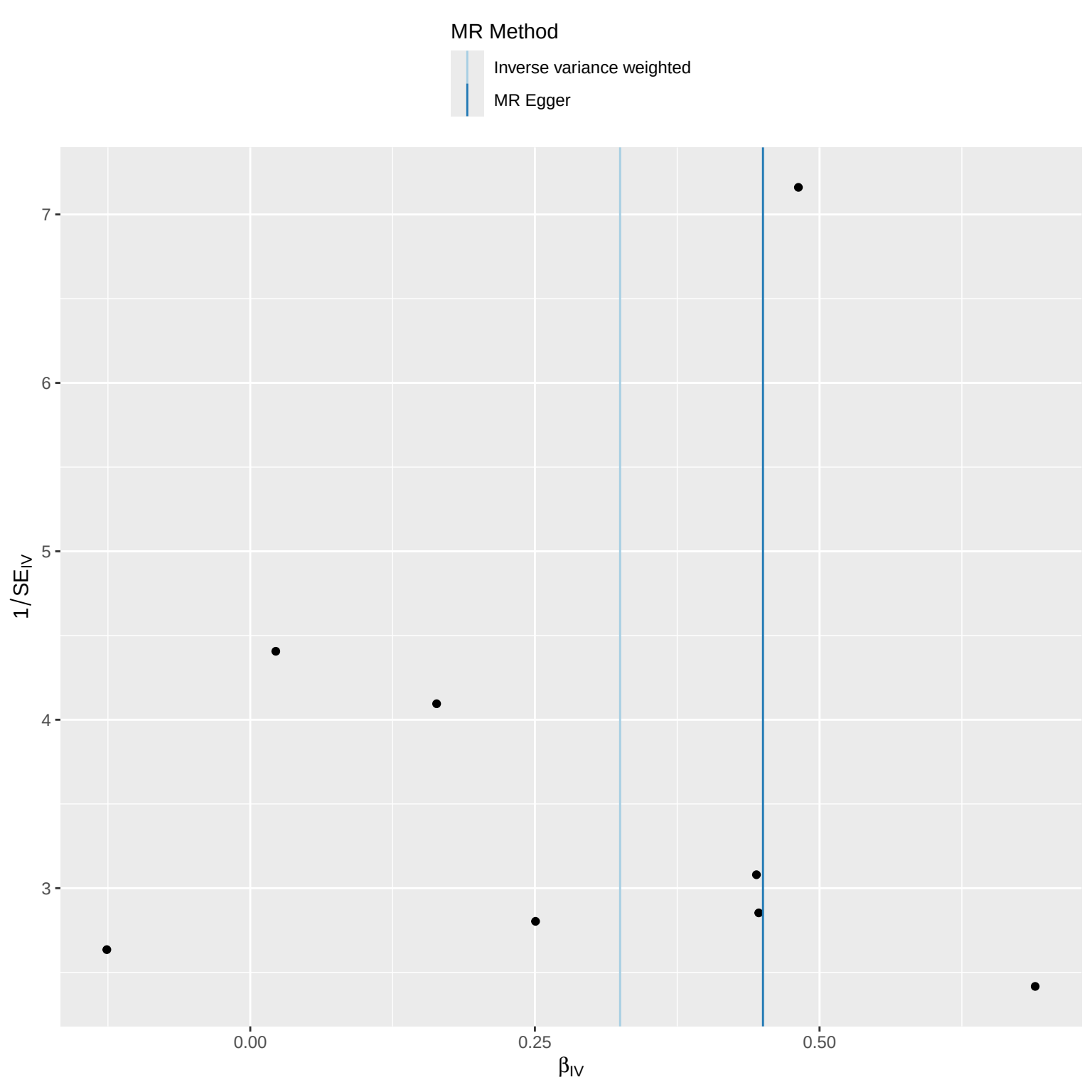

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

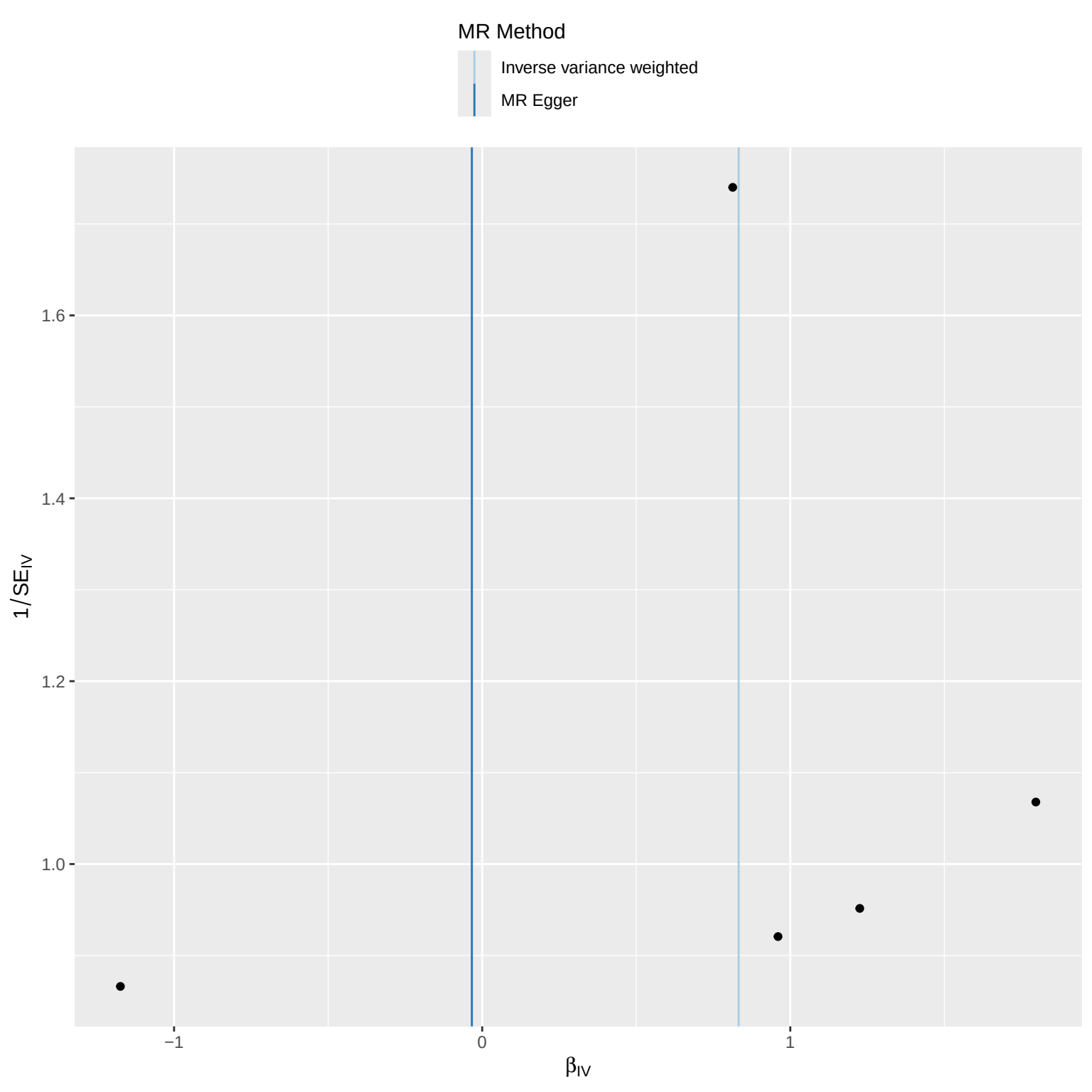

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

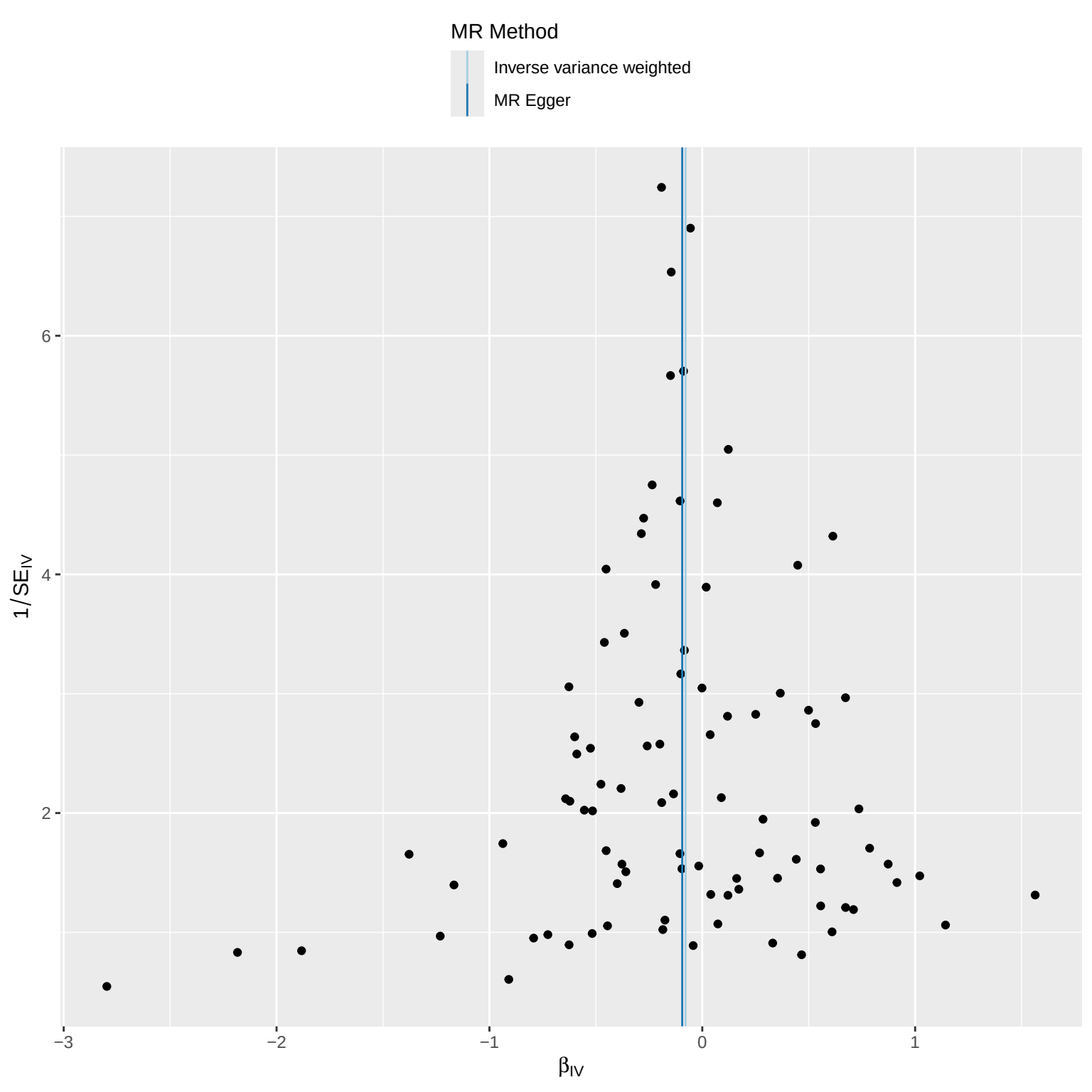

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
1
2
β_IV

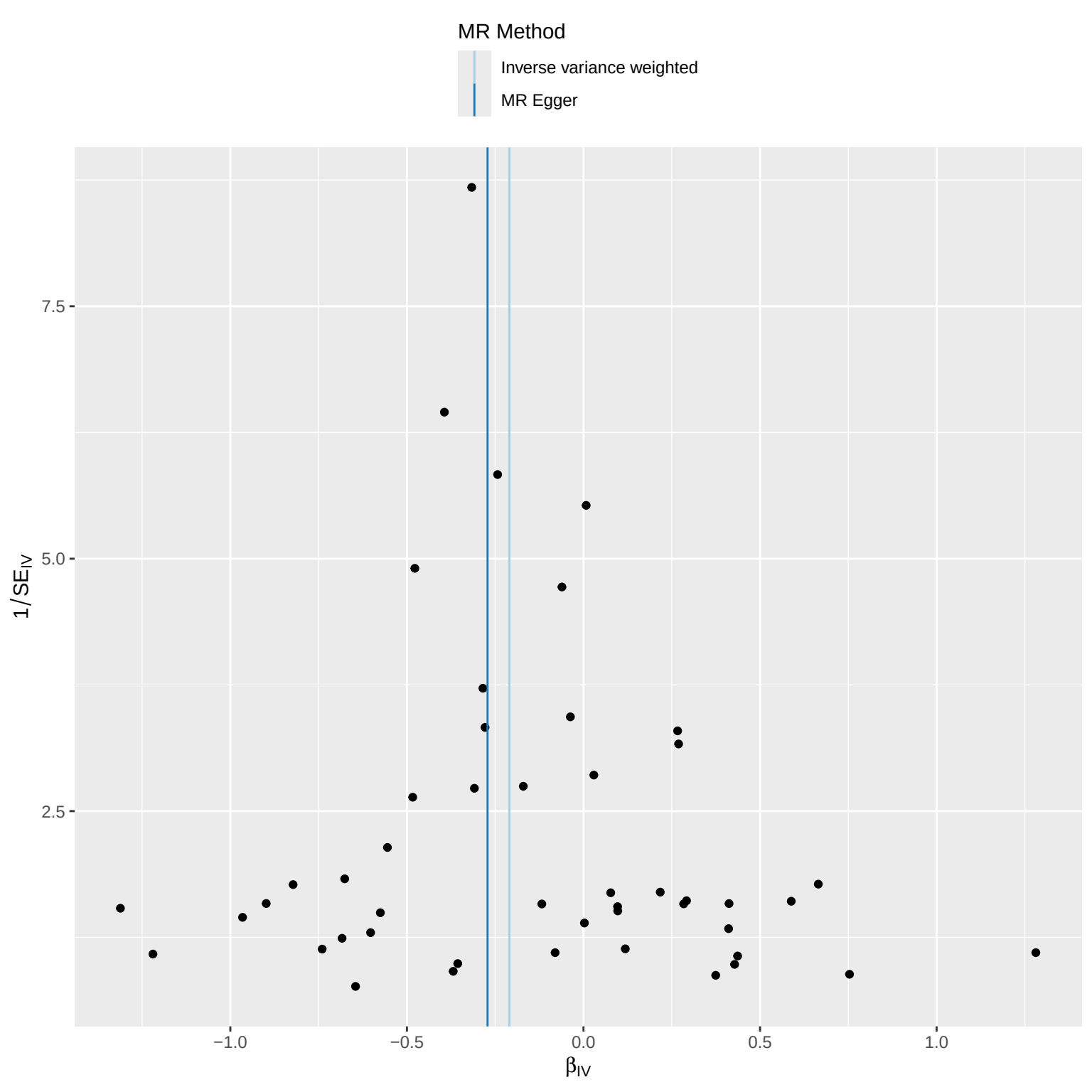

MR Method
Inverse variance weighted
MR Egger
10
5
0
1/SE_IV
−3
−2
−1
0
1
2
β_IV

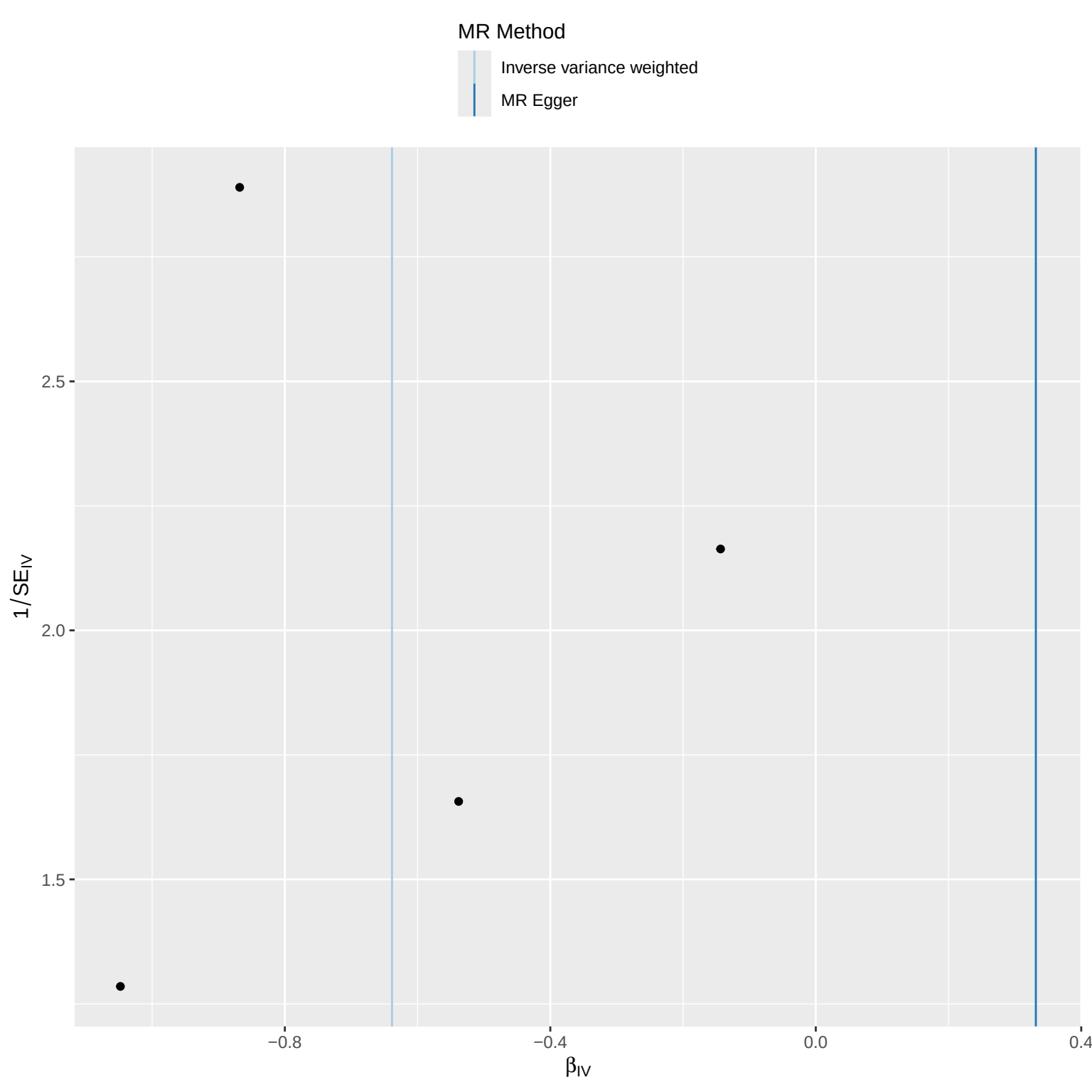

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−3
−2
−1
0
β_IV

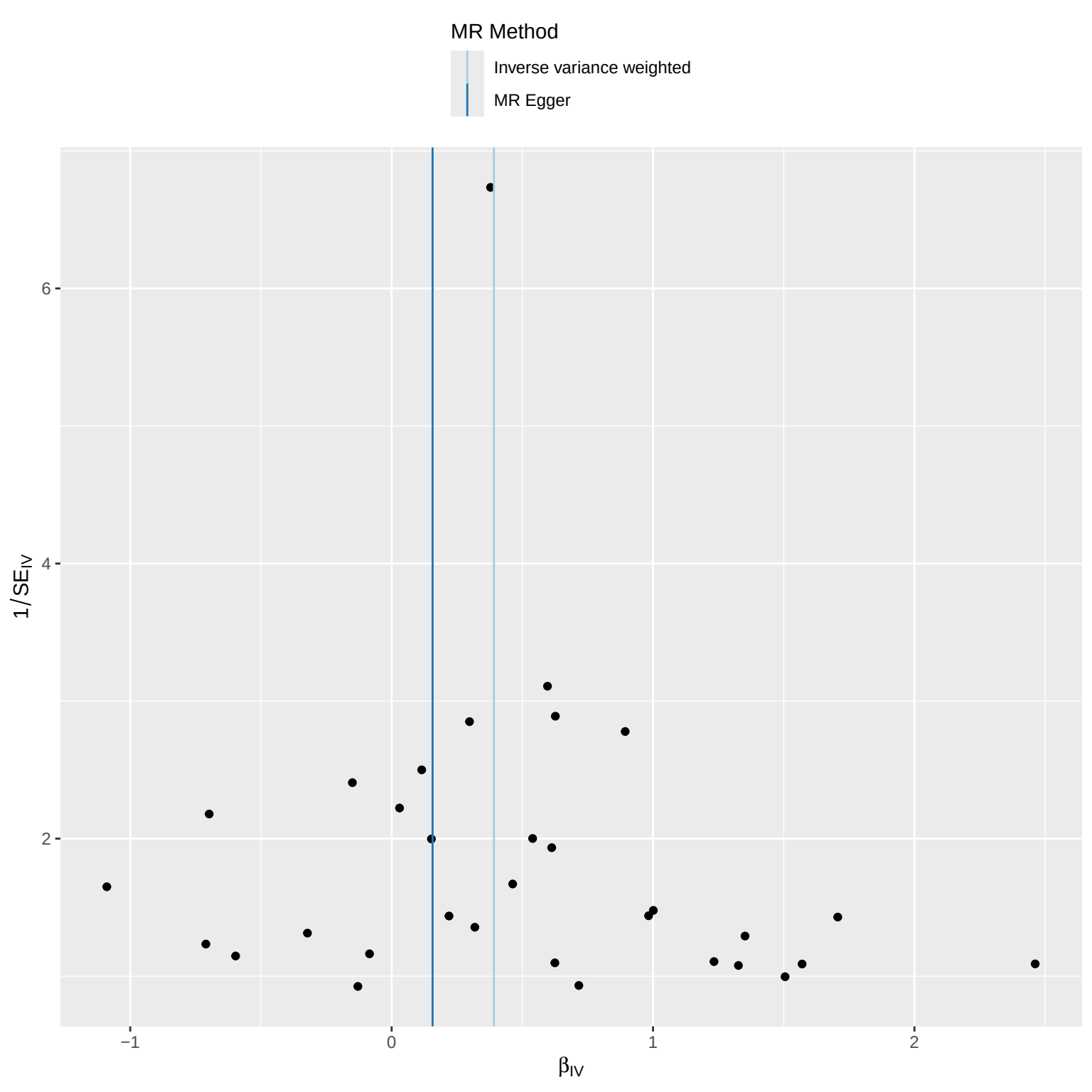

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
0.00
0.25
0.50
β_IV

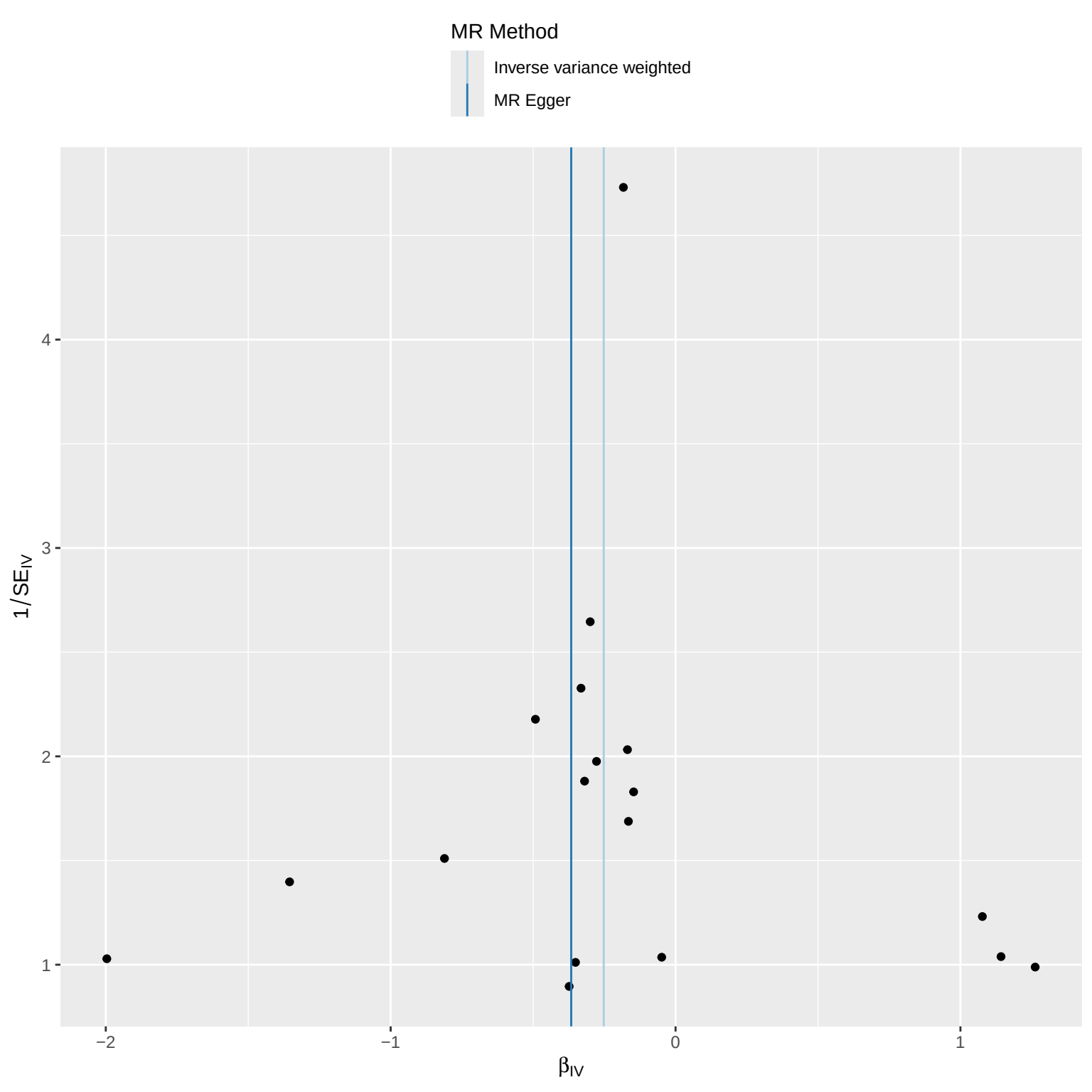

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
1/SE_IV
−1
0
1
β_IV

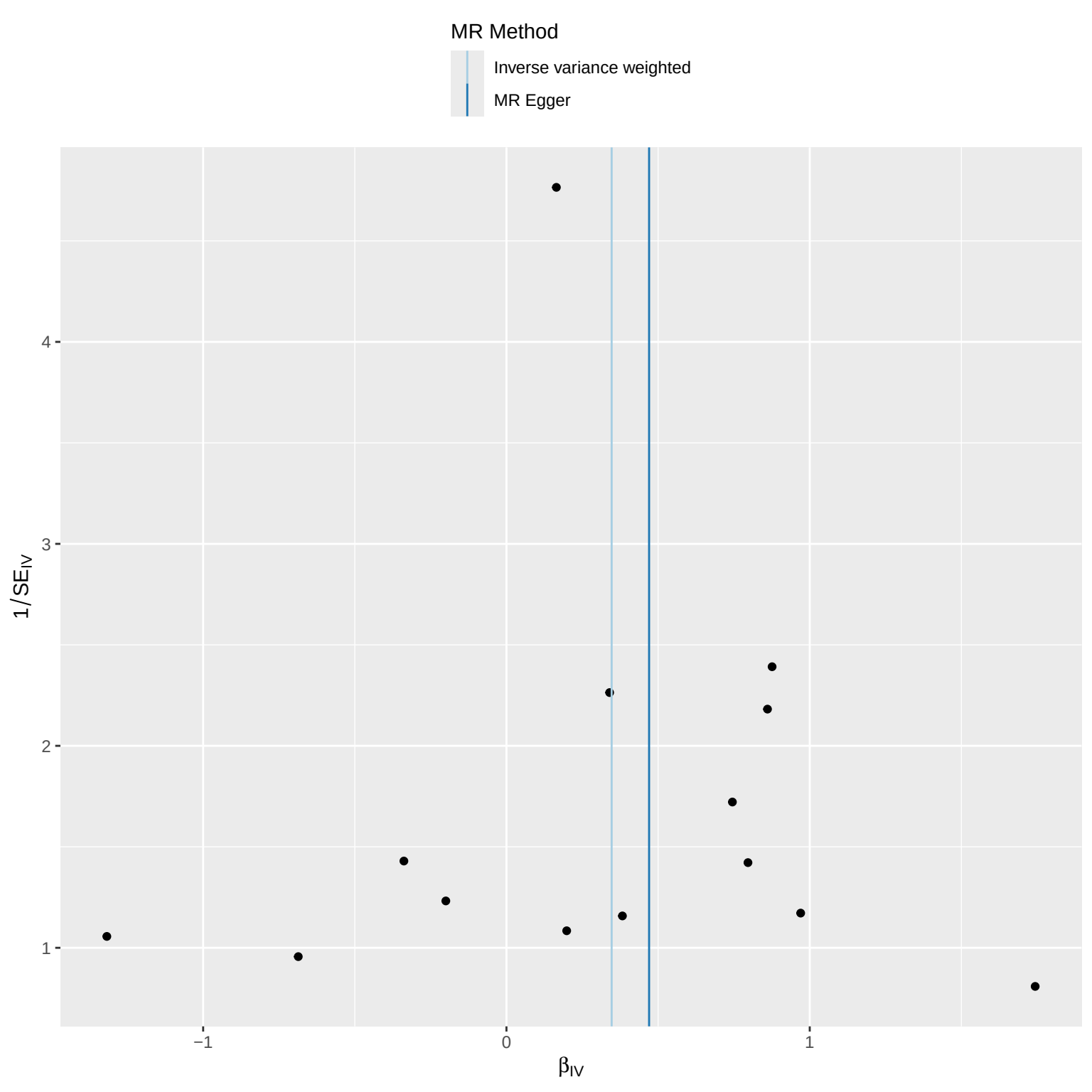

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

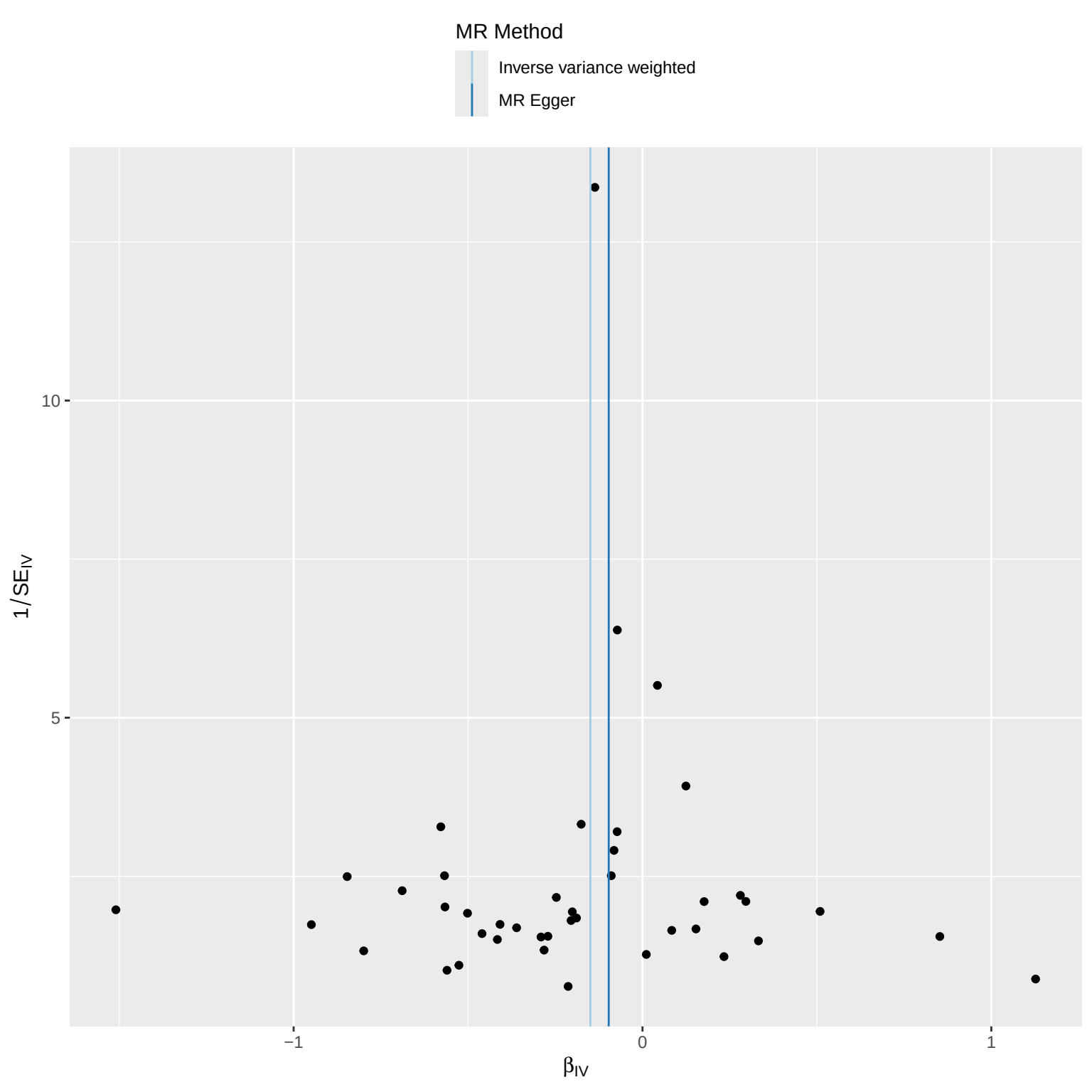

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

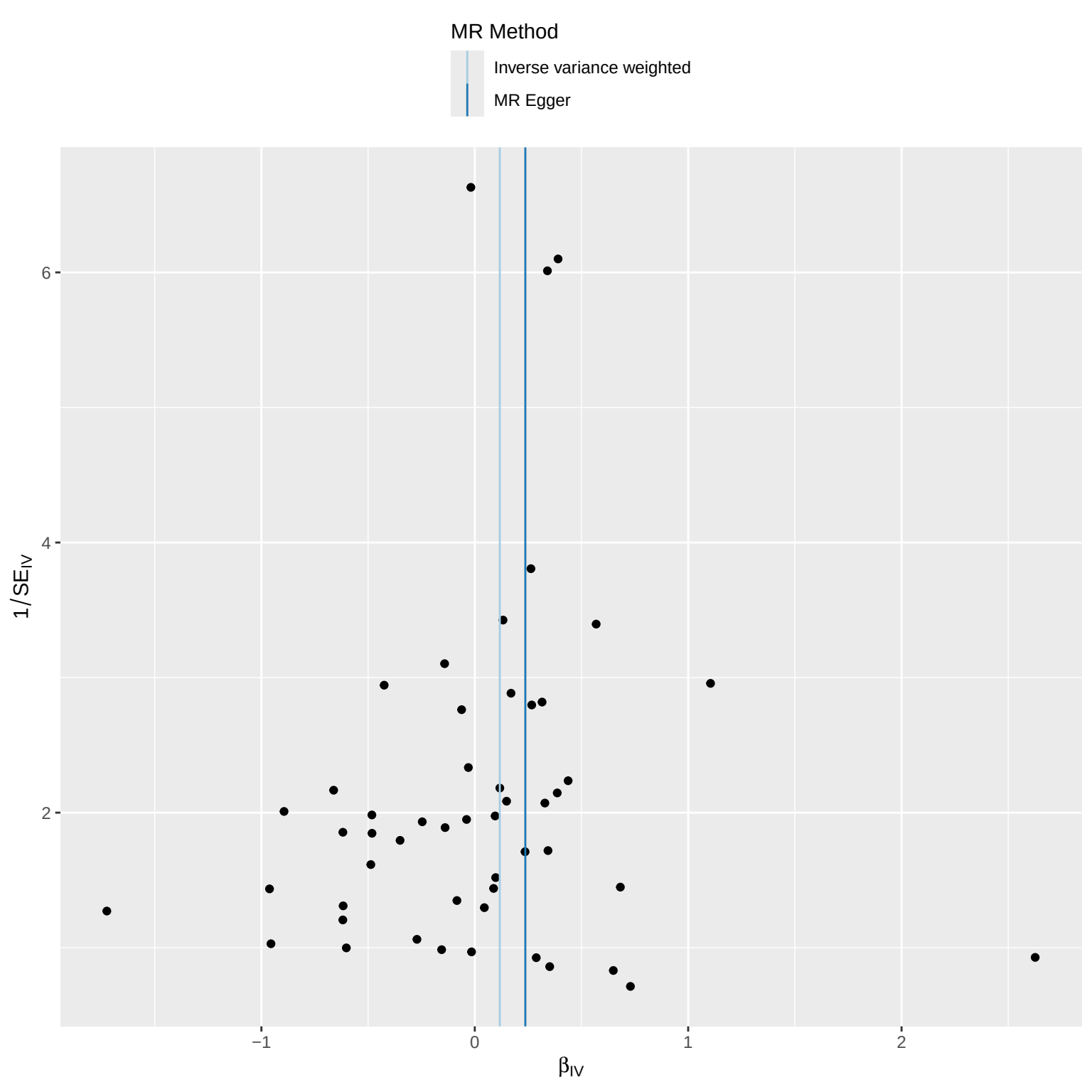

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

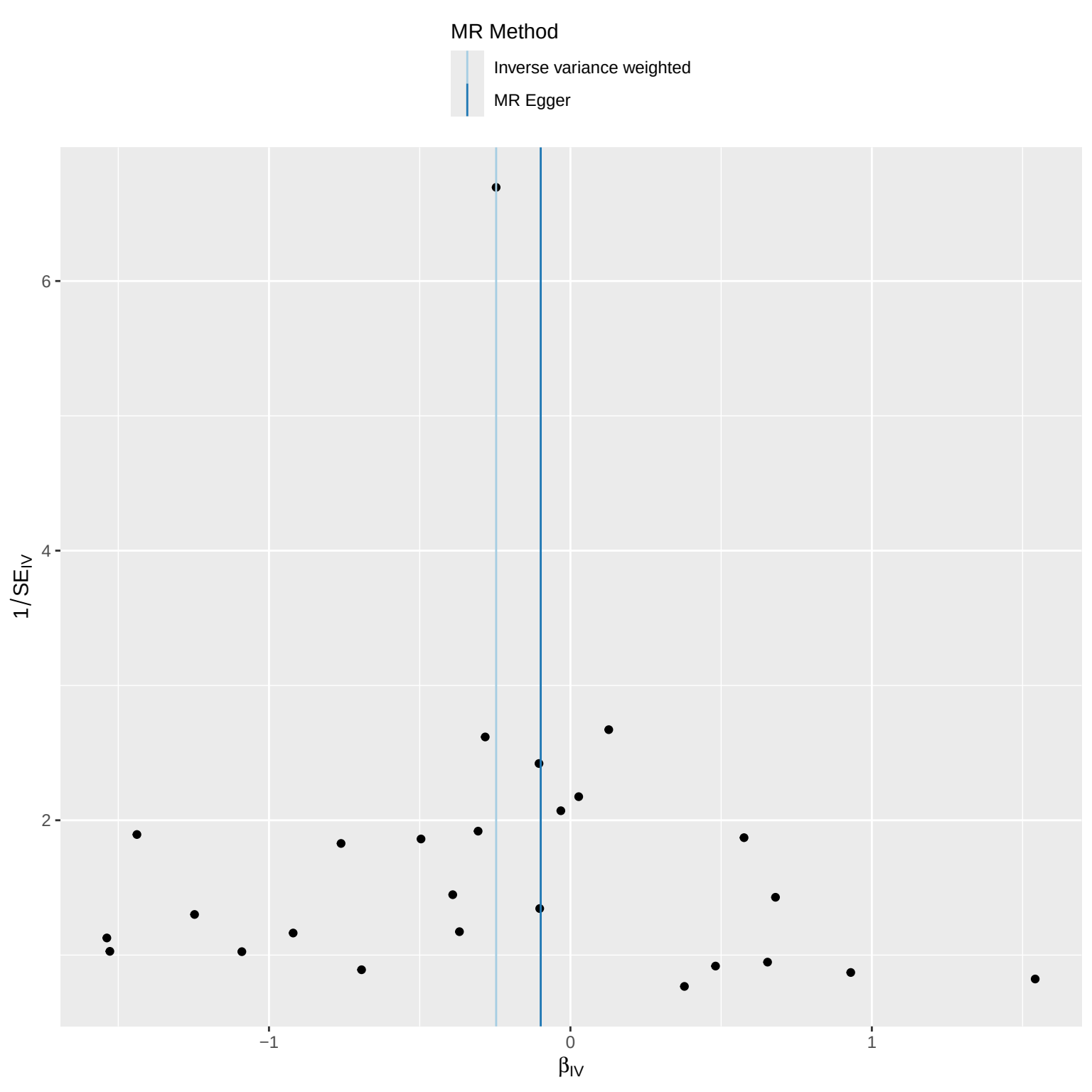

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

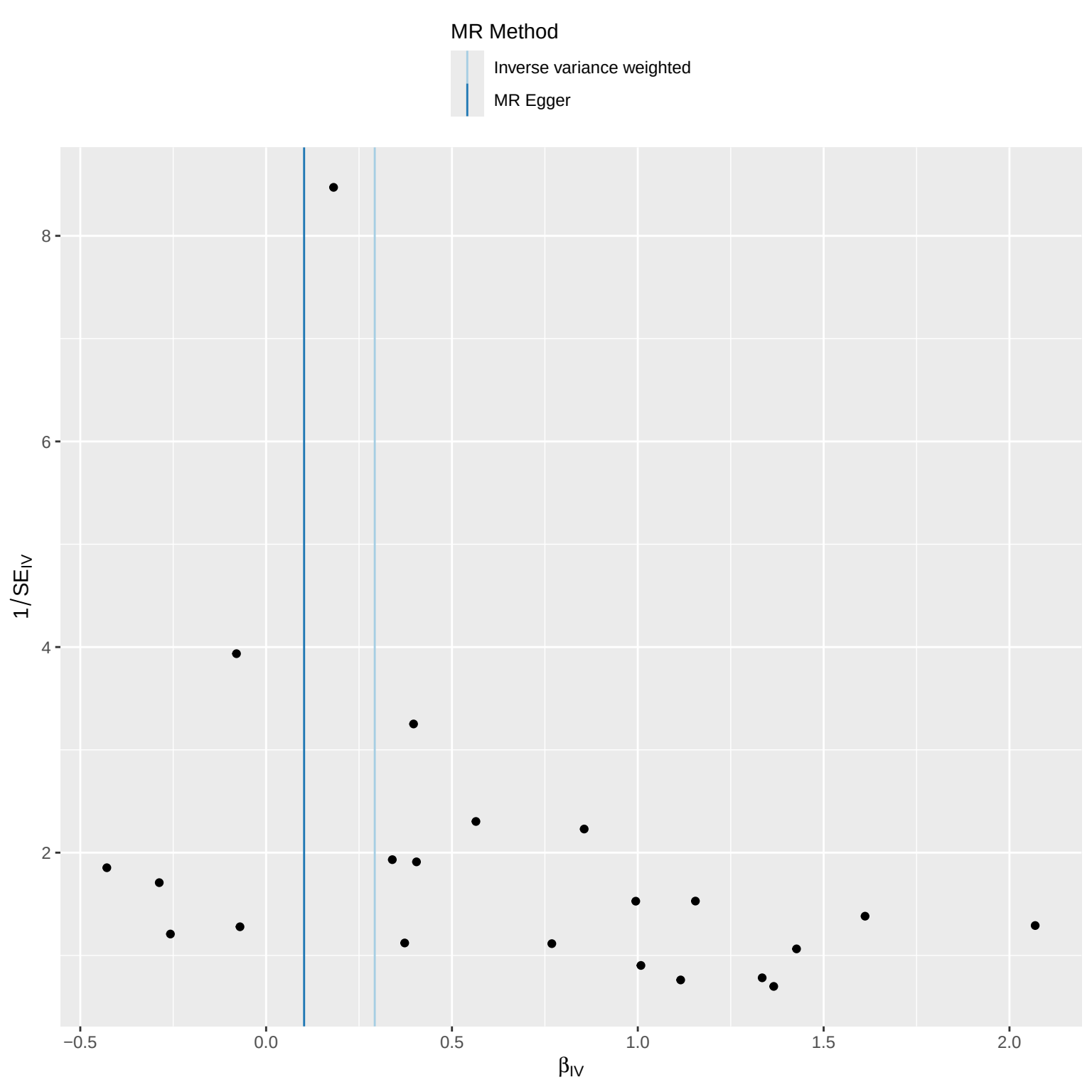

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

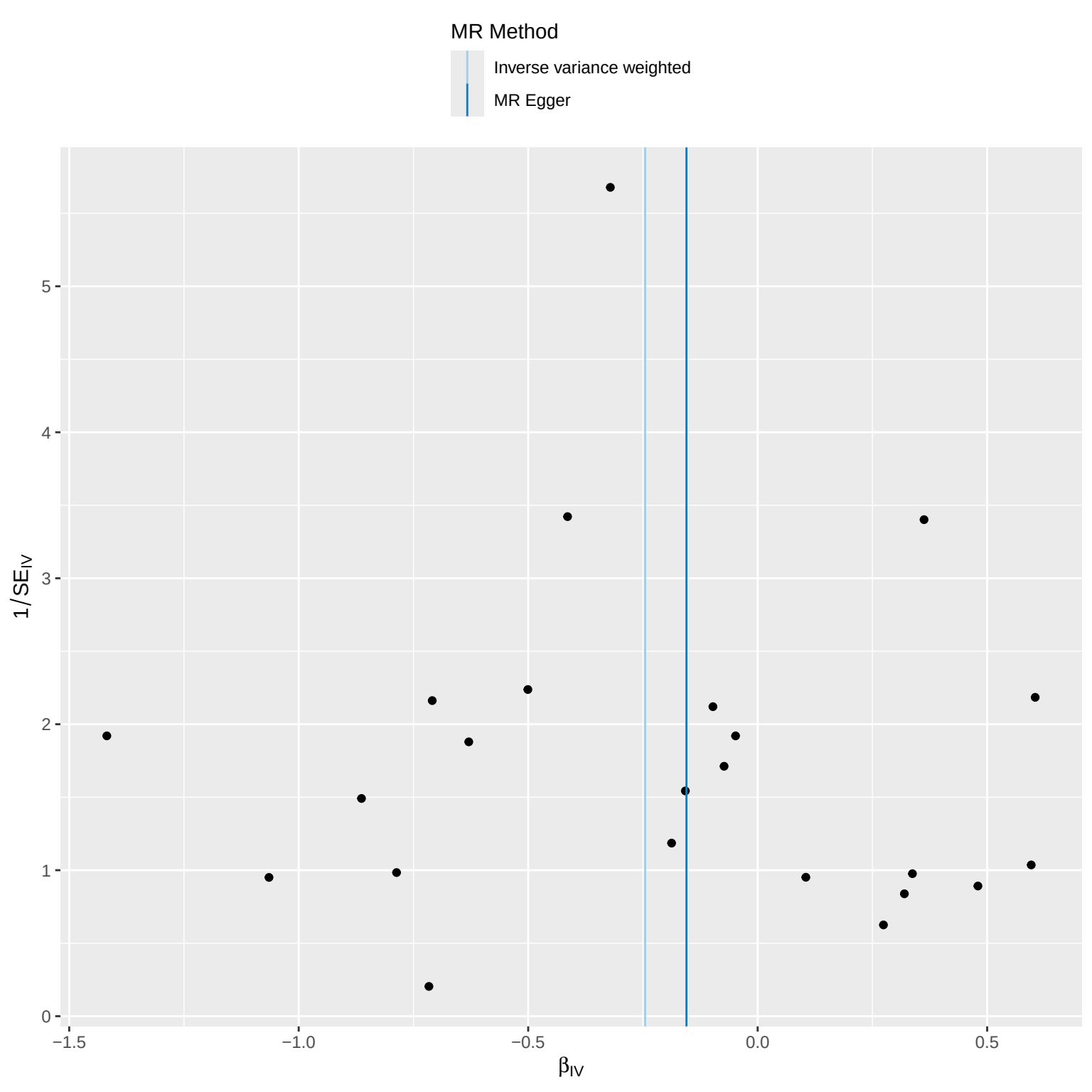

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

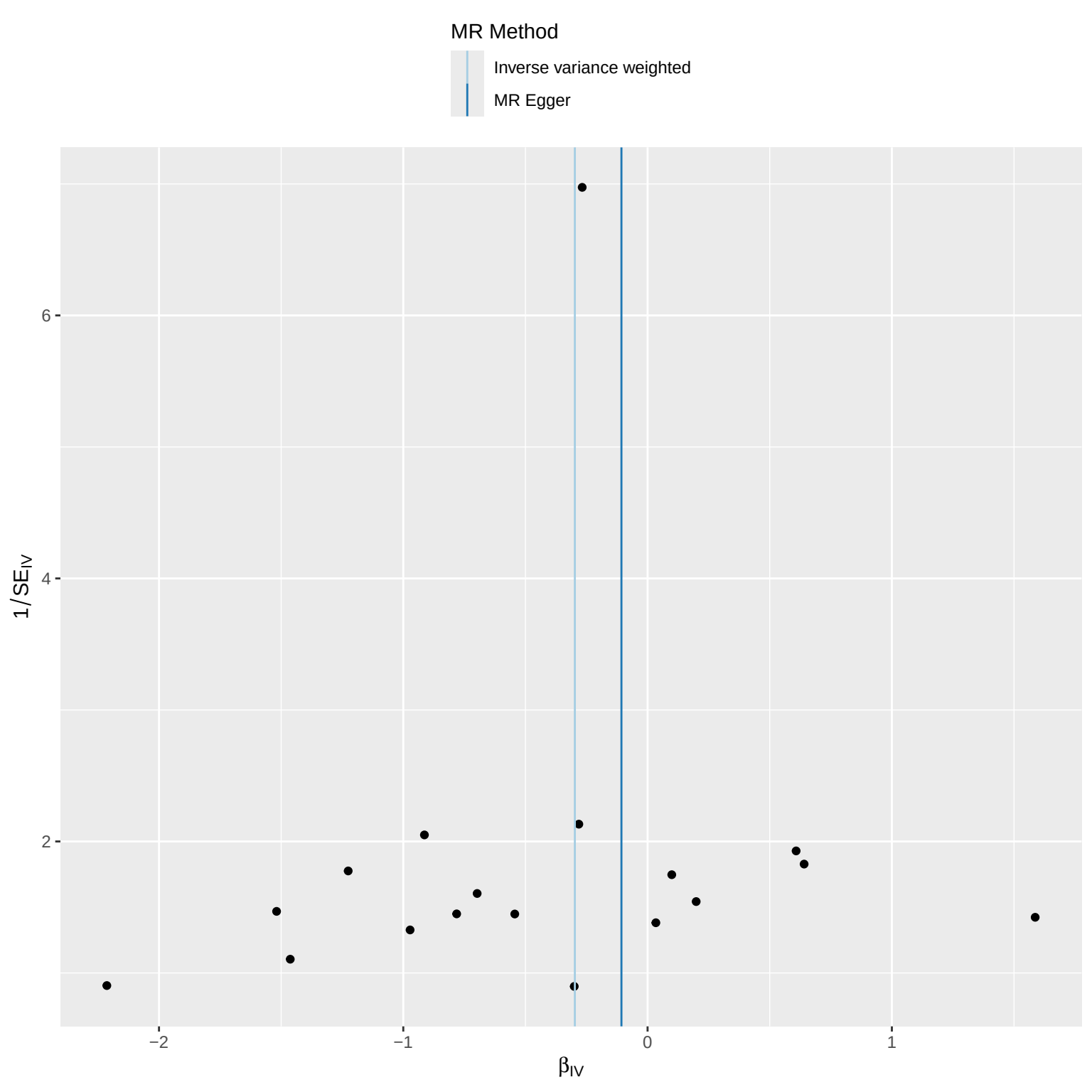

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−1
0
1
β_IV

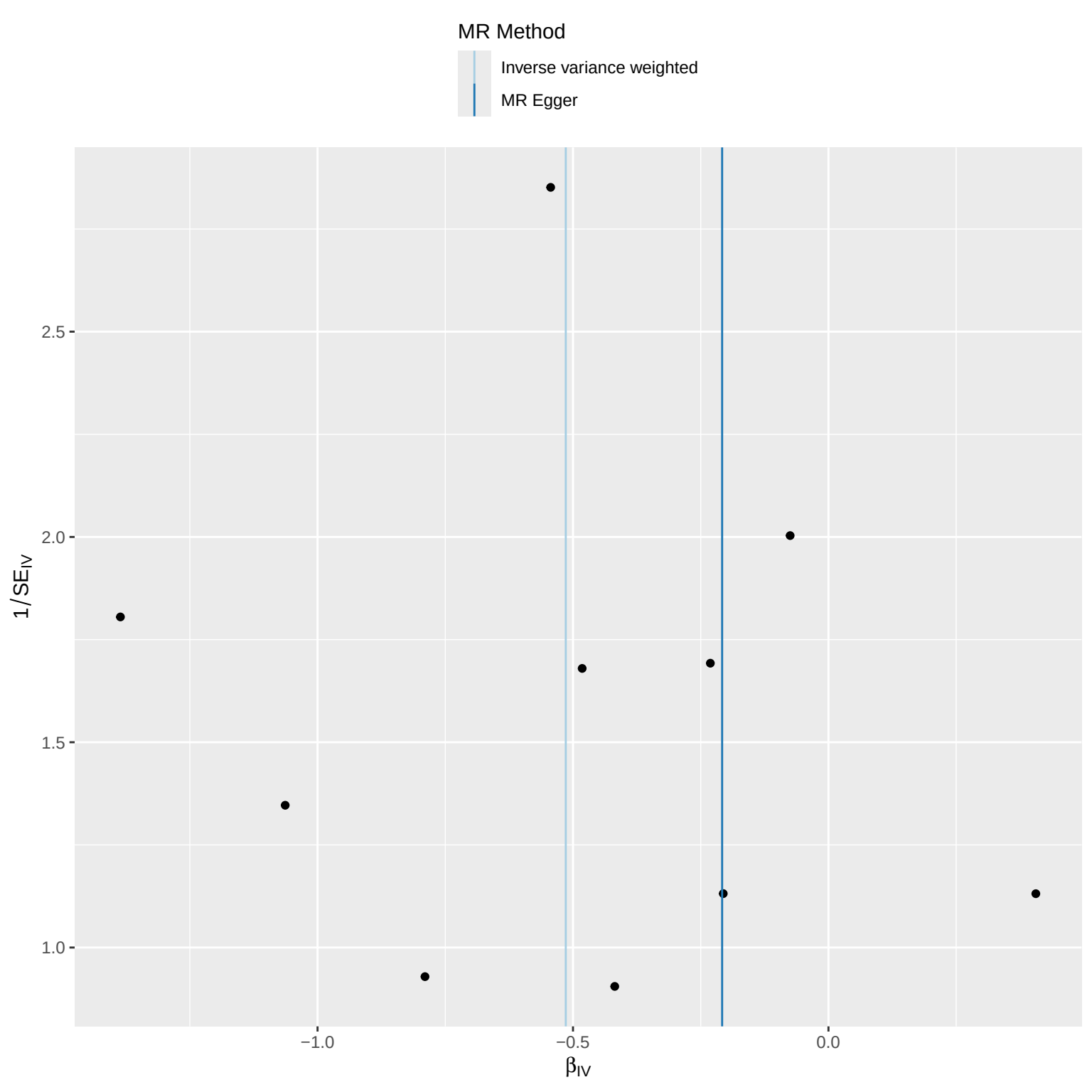

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

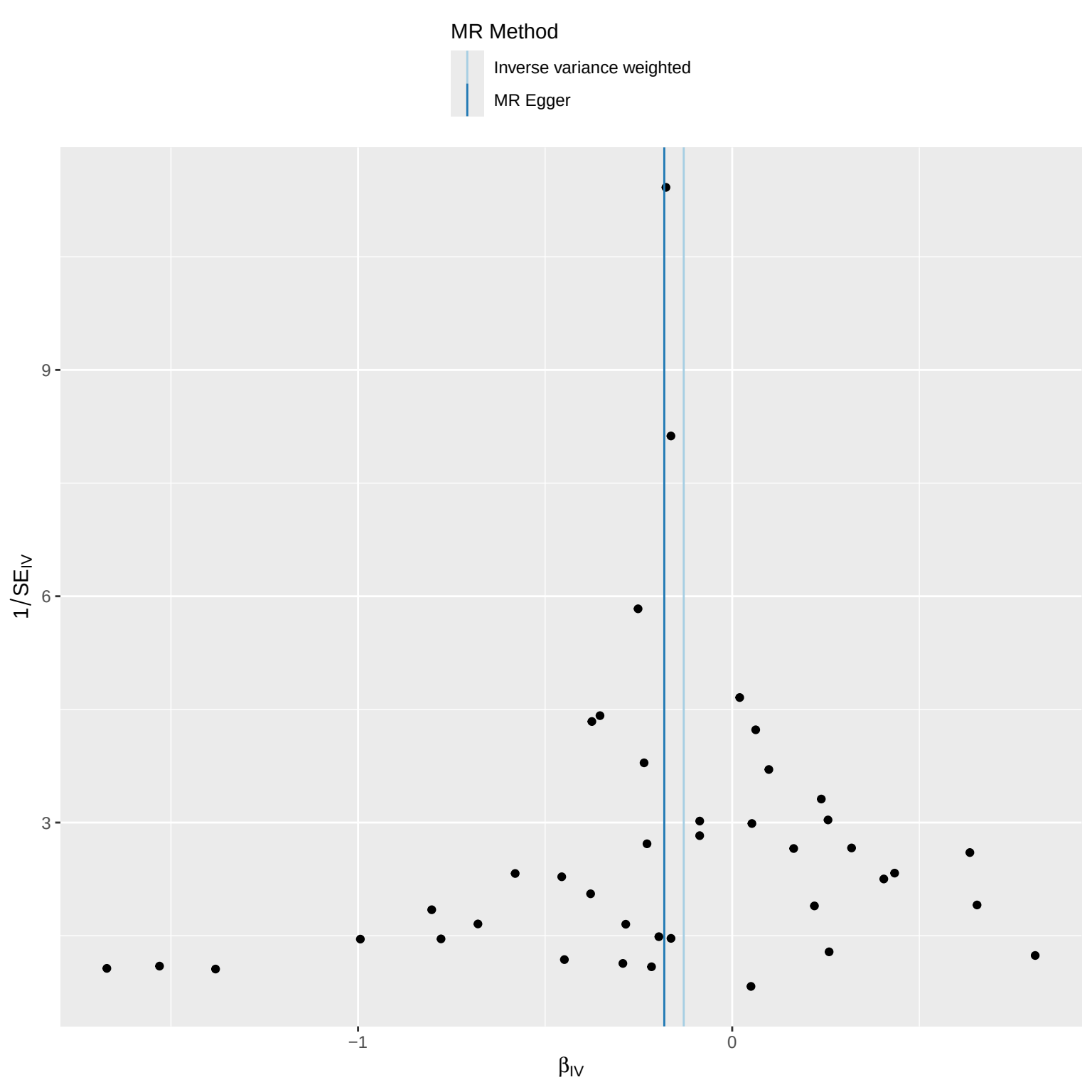

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

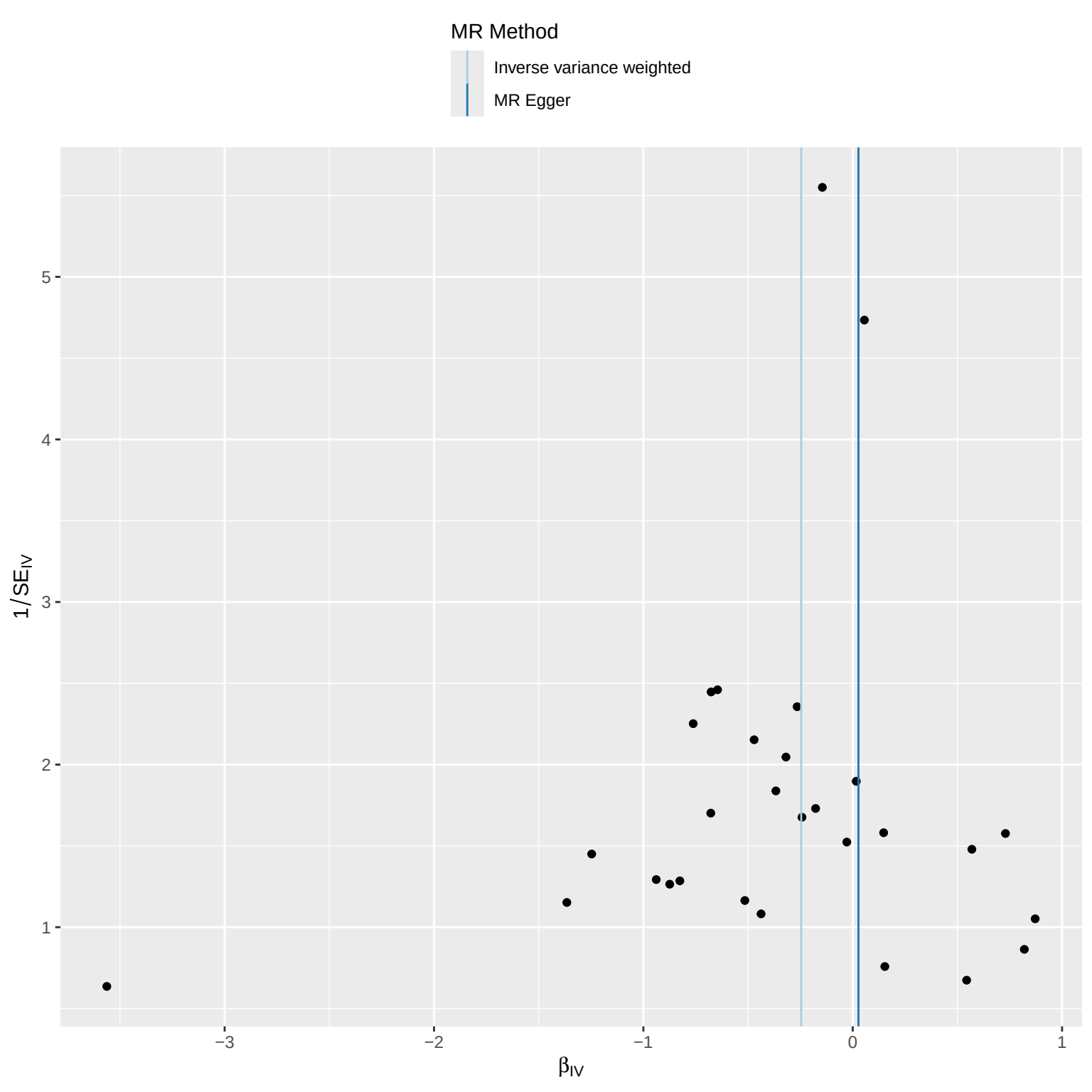

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

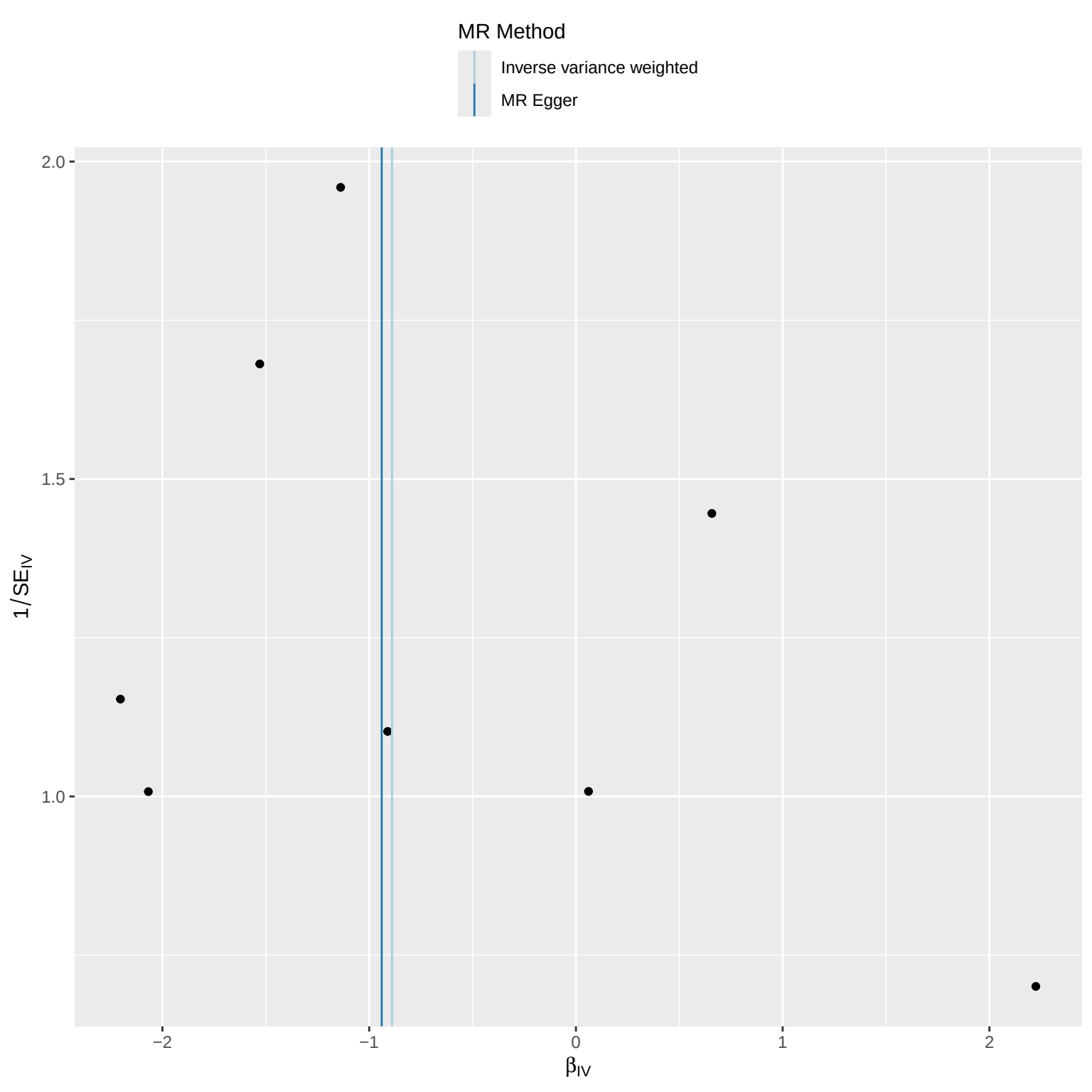

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
0
1
2
3
4
5
−1.5
−1.0
−0.5
0.0
0.5

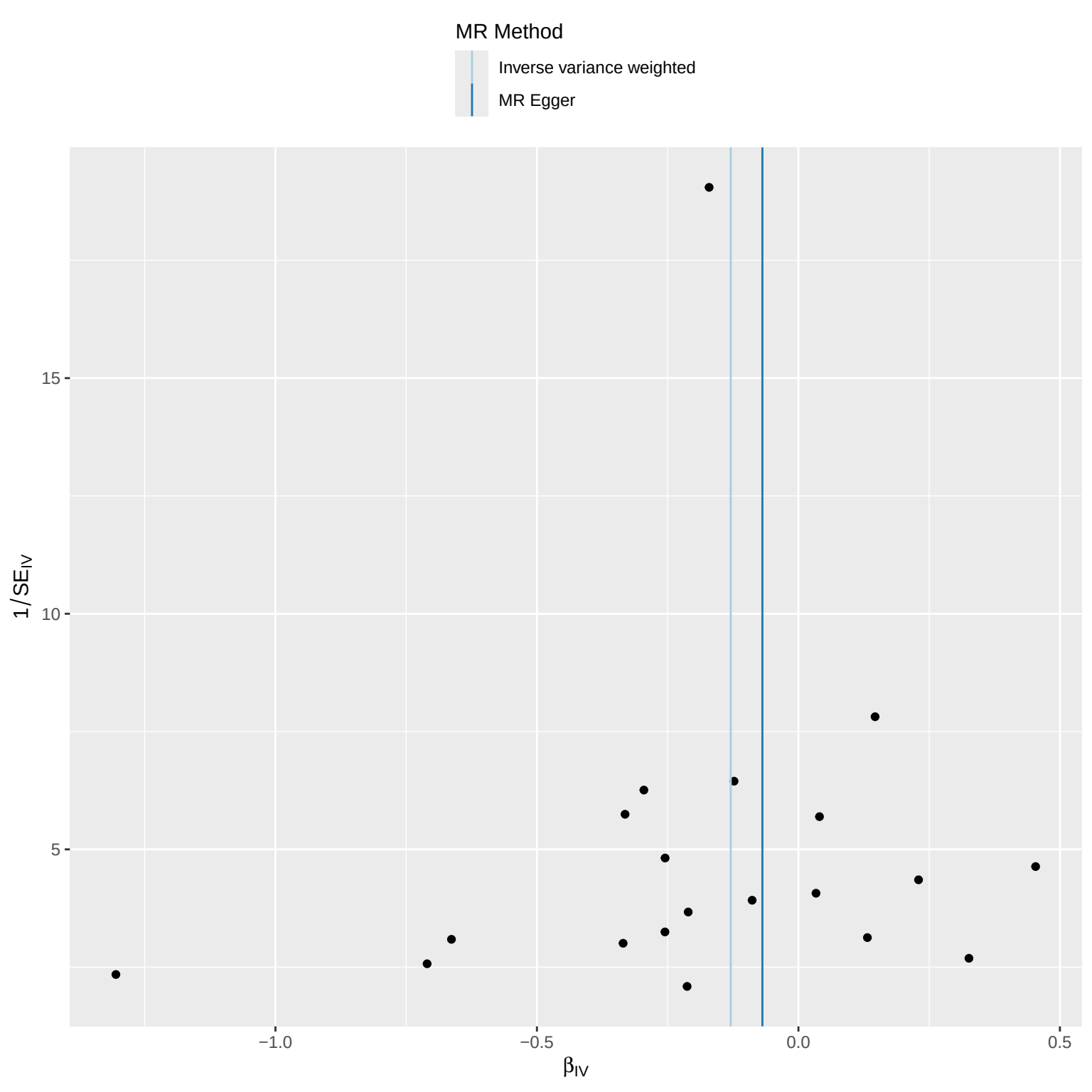

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

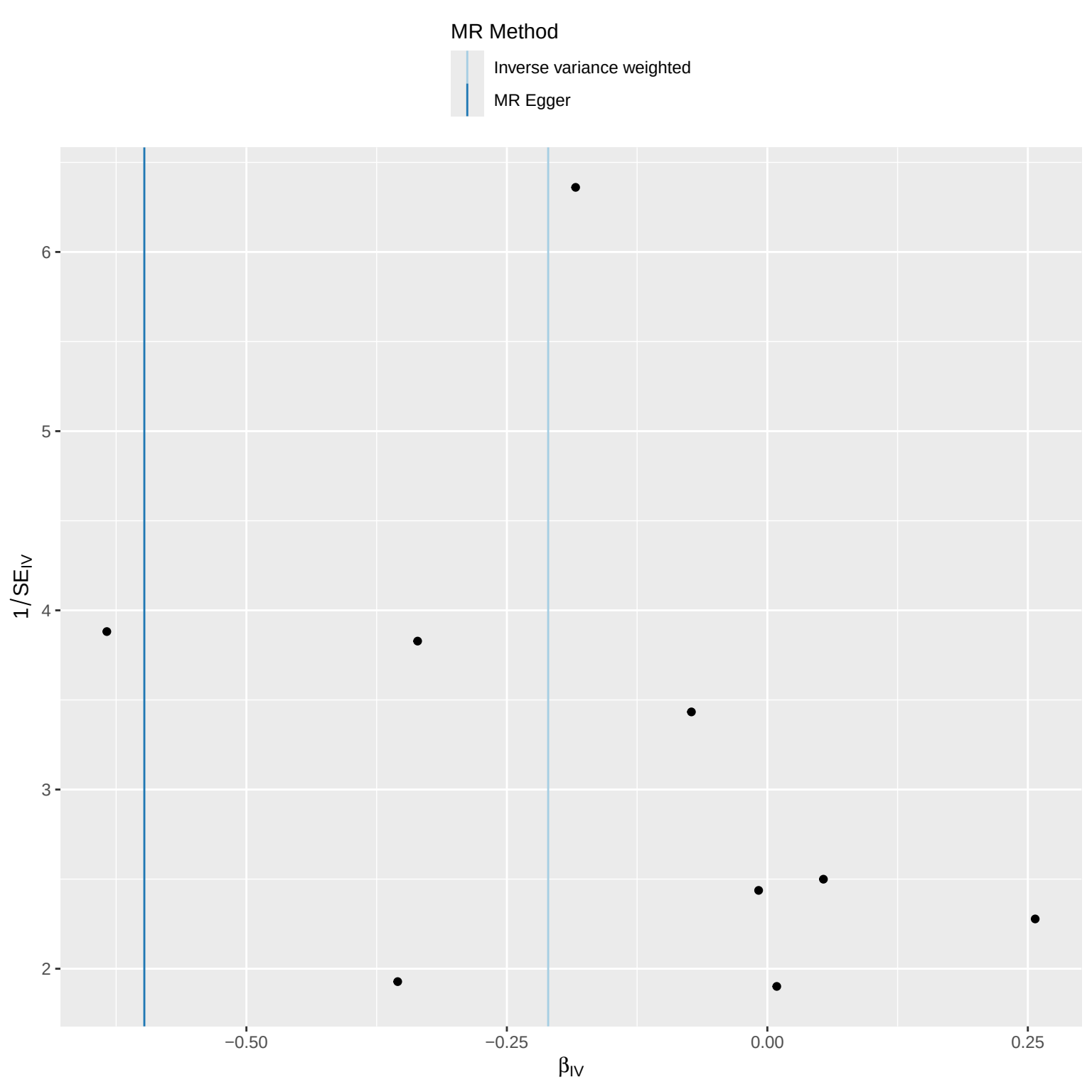

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

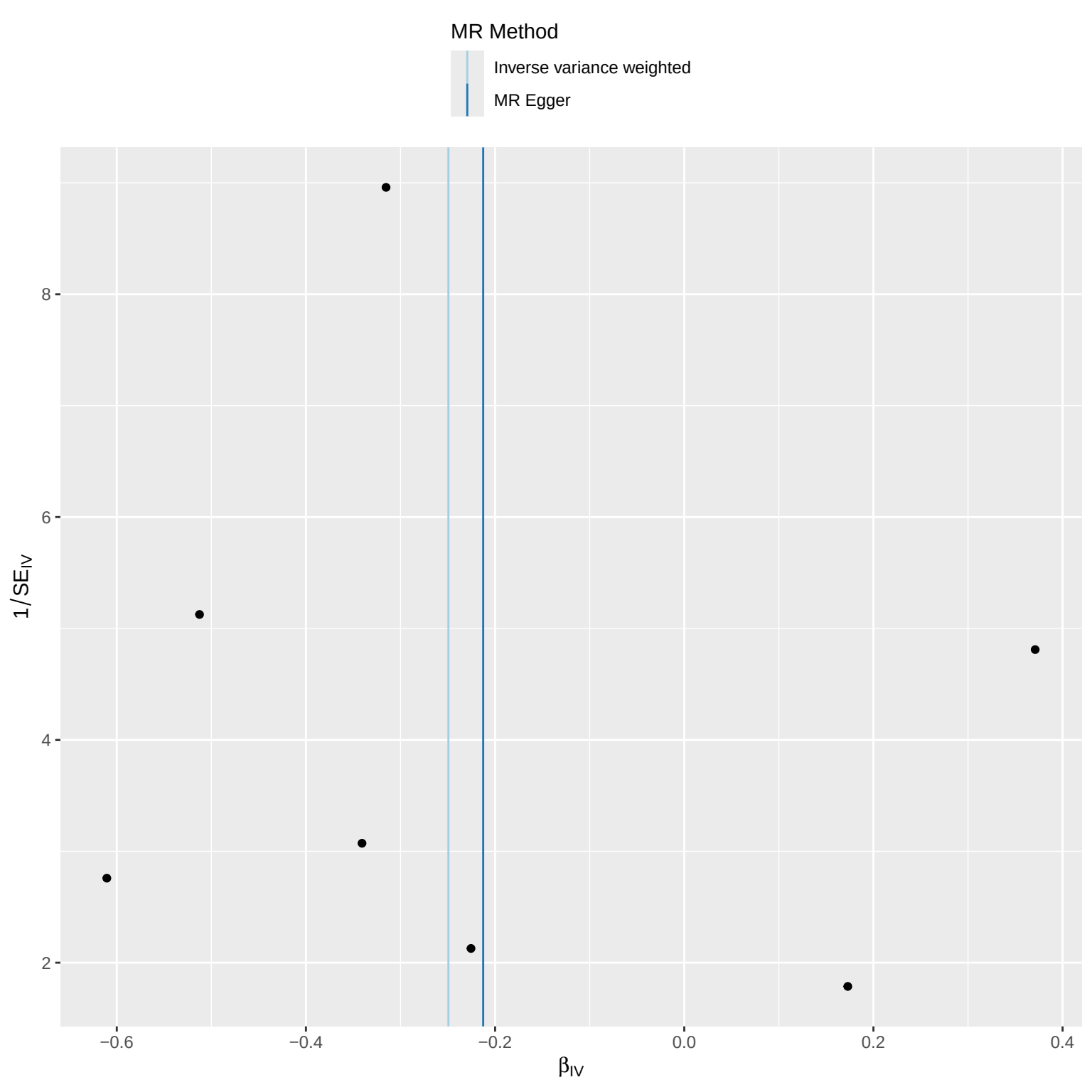

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1
0
β_IV

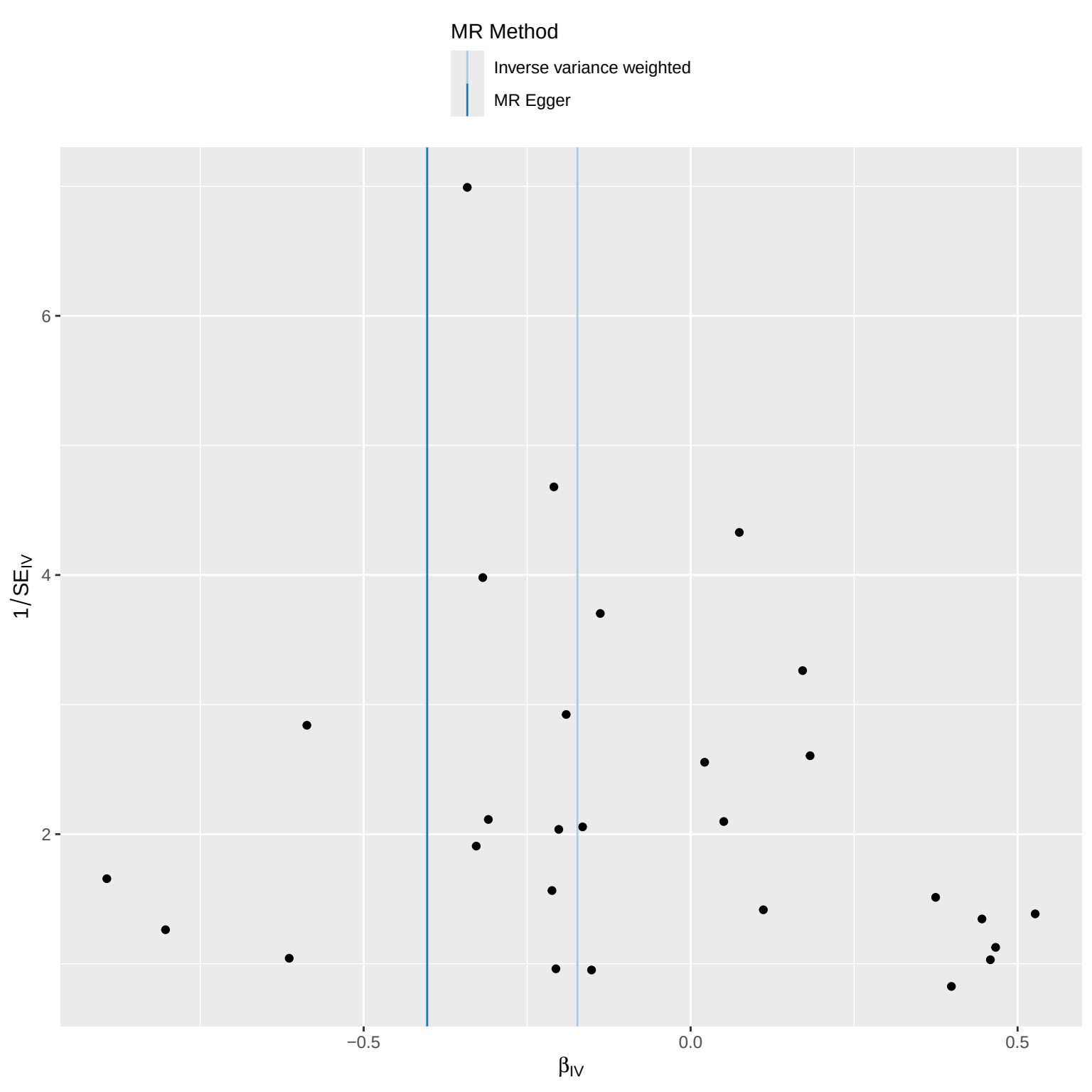

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

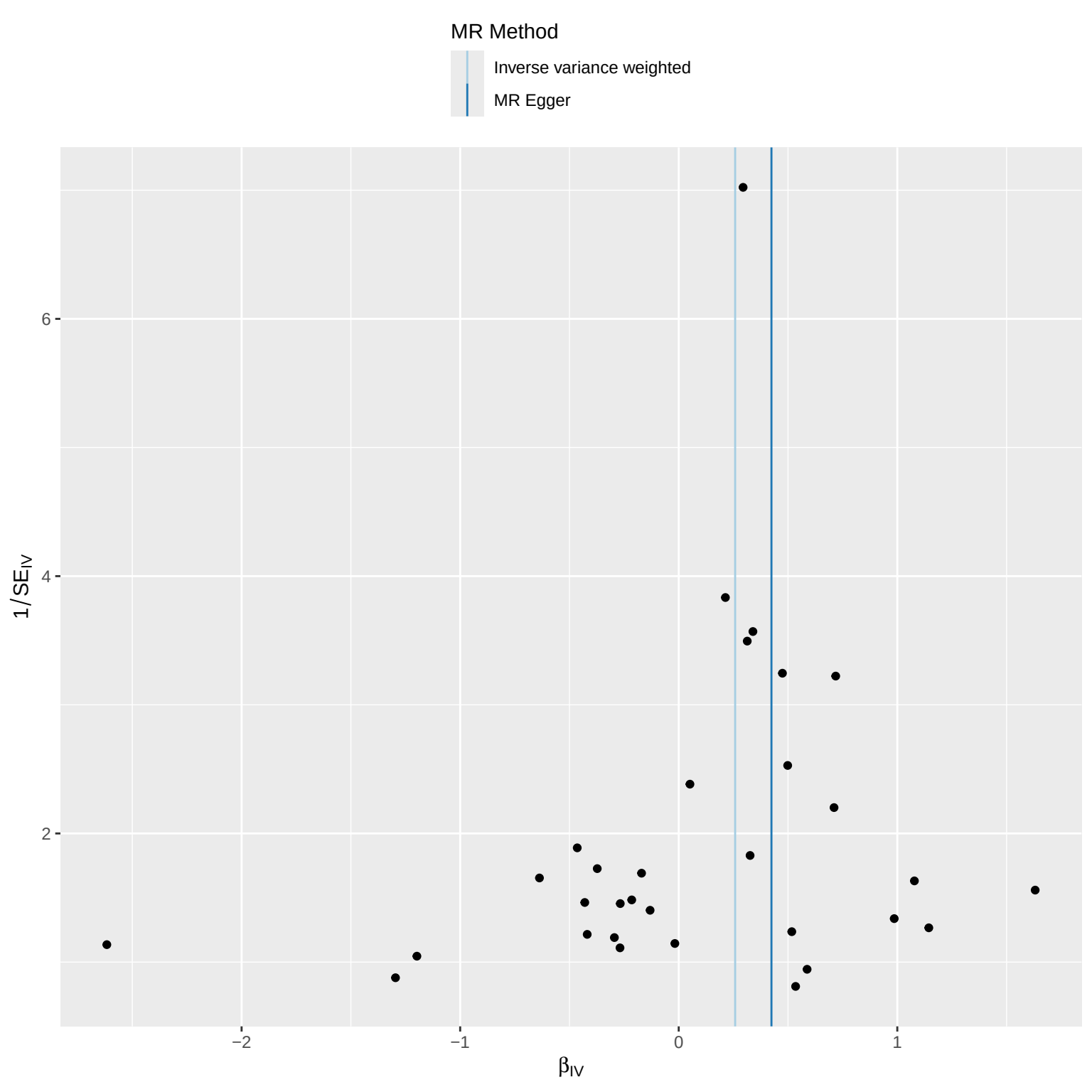

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
2
β_IV

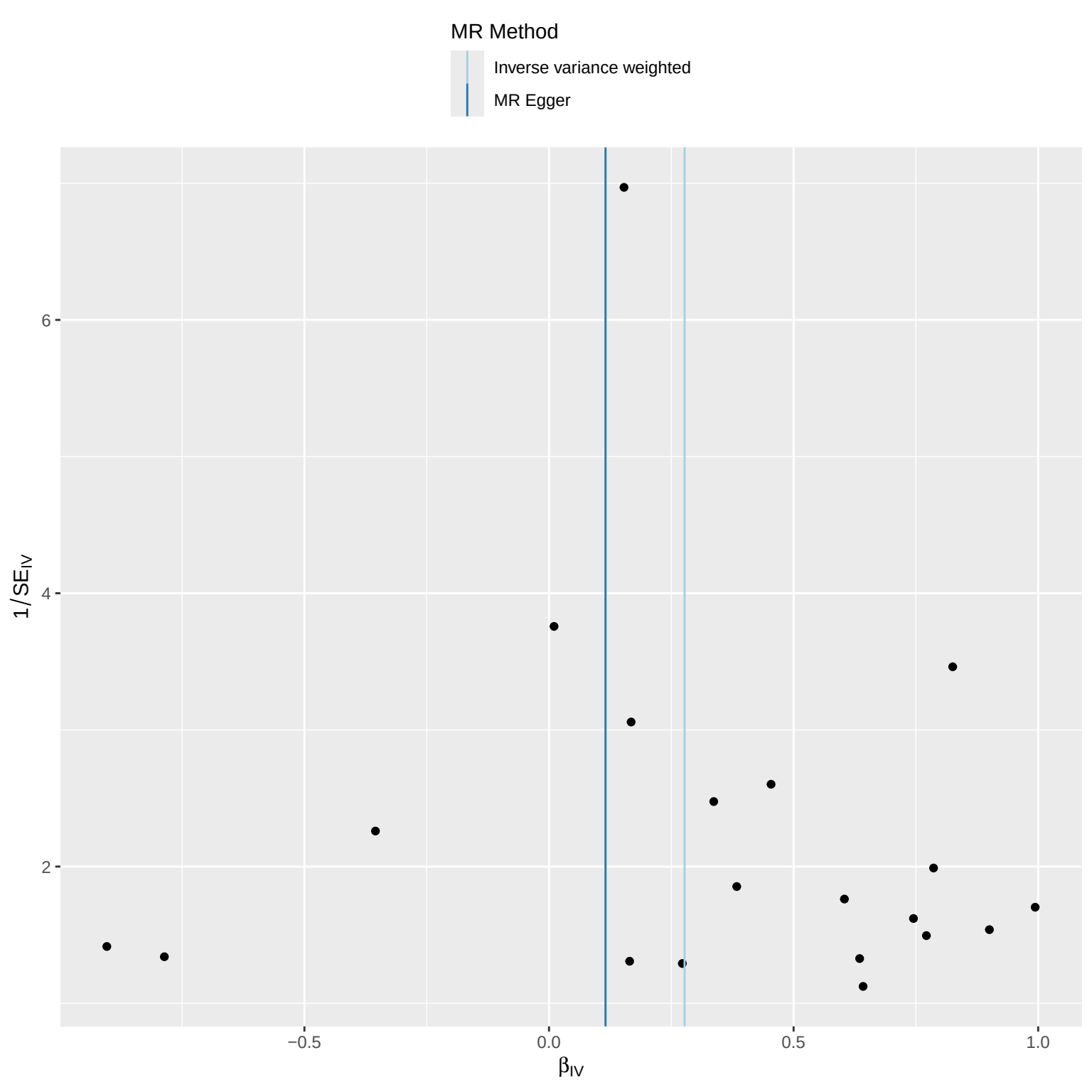

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

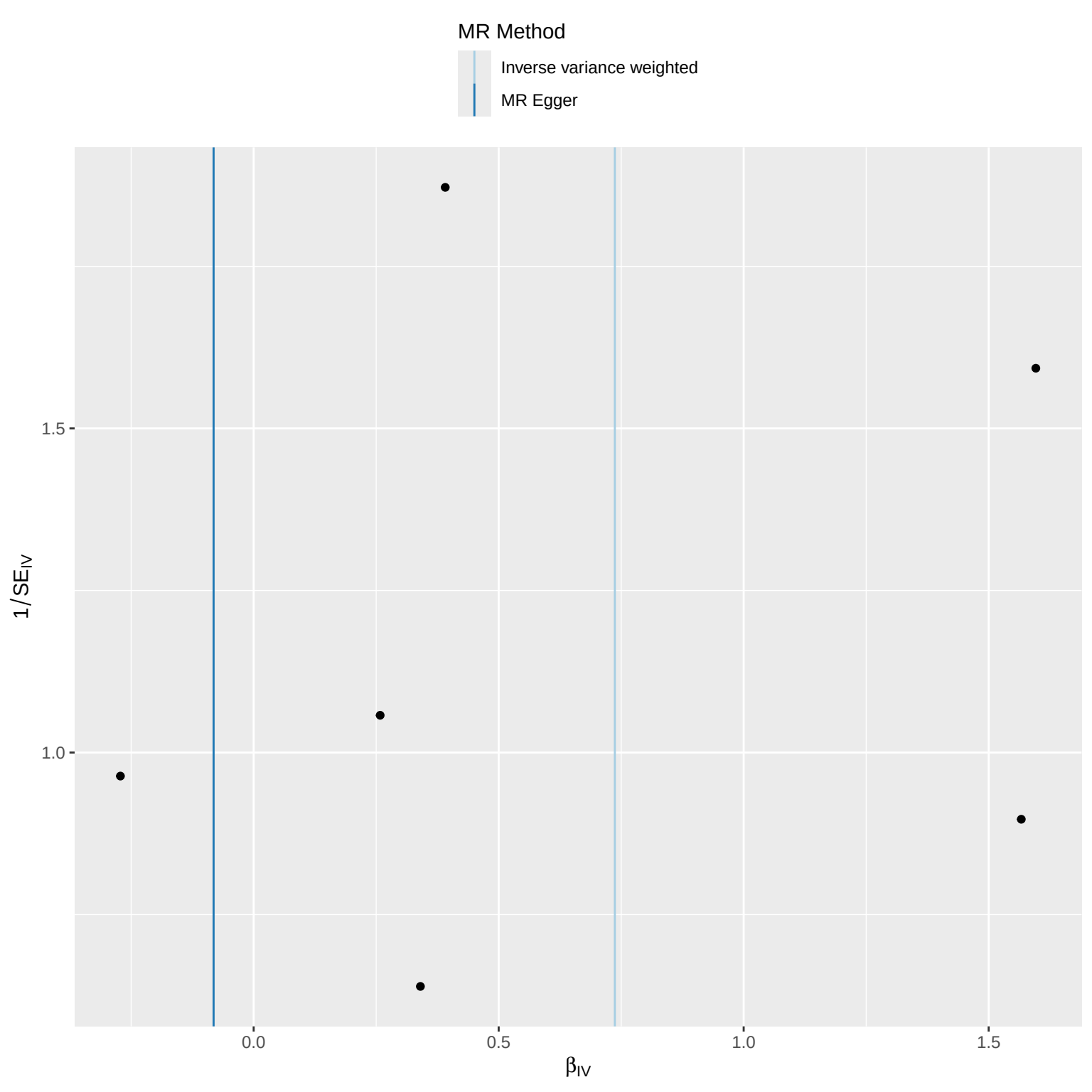

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

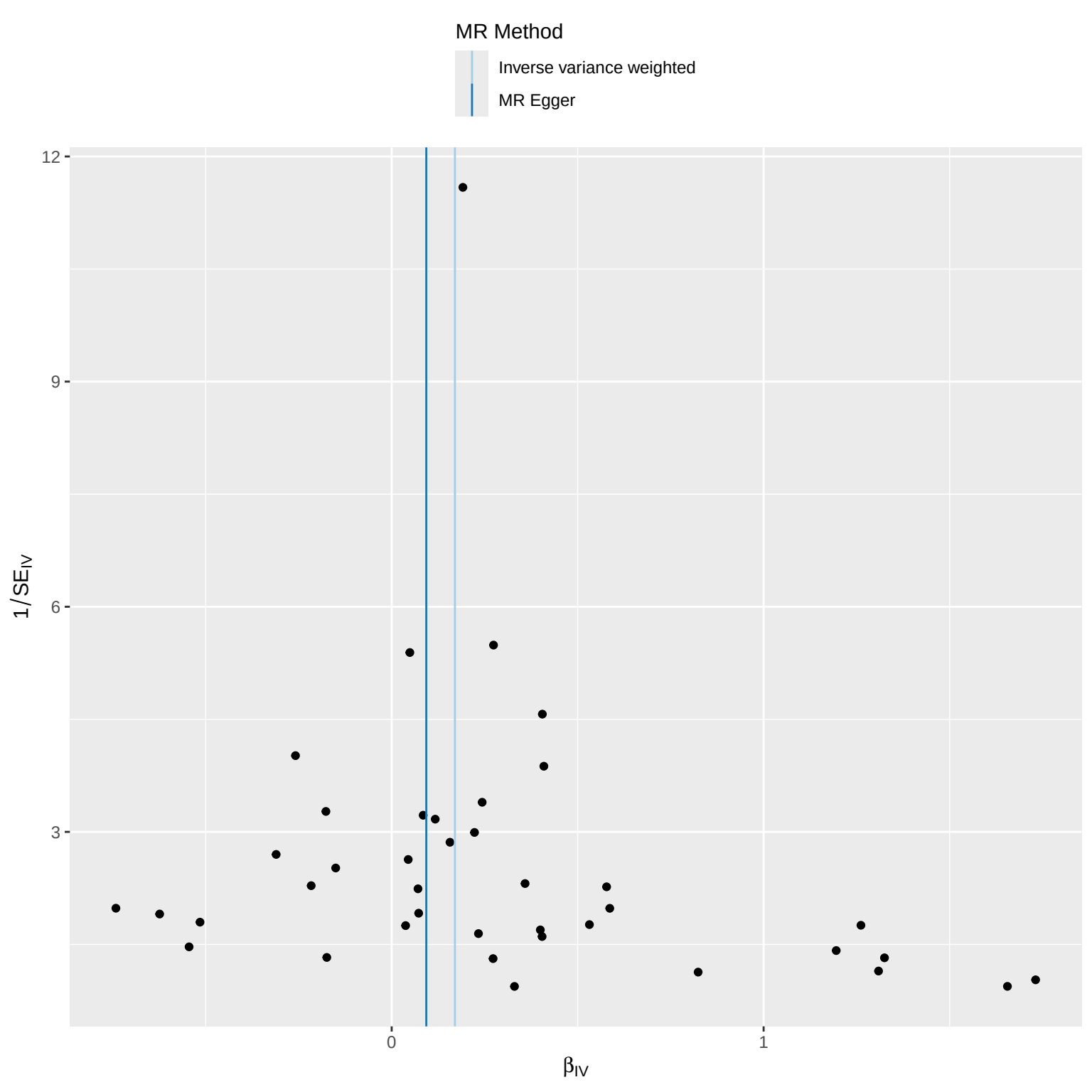

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
0.4
β_IV

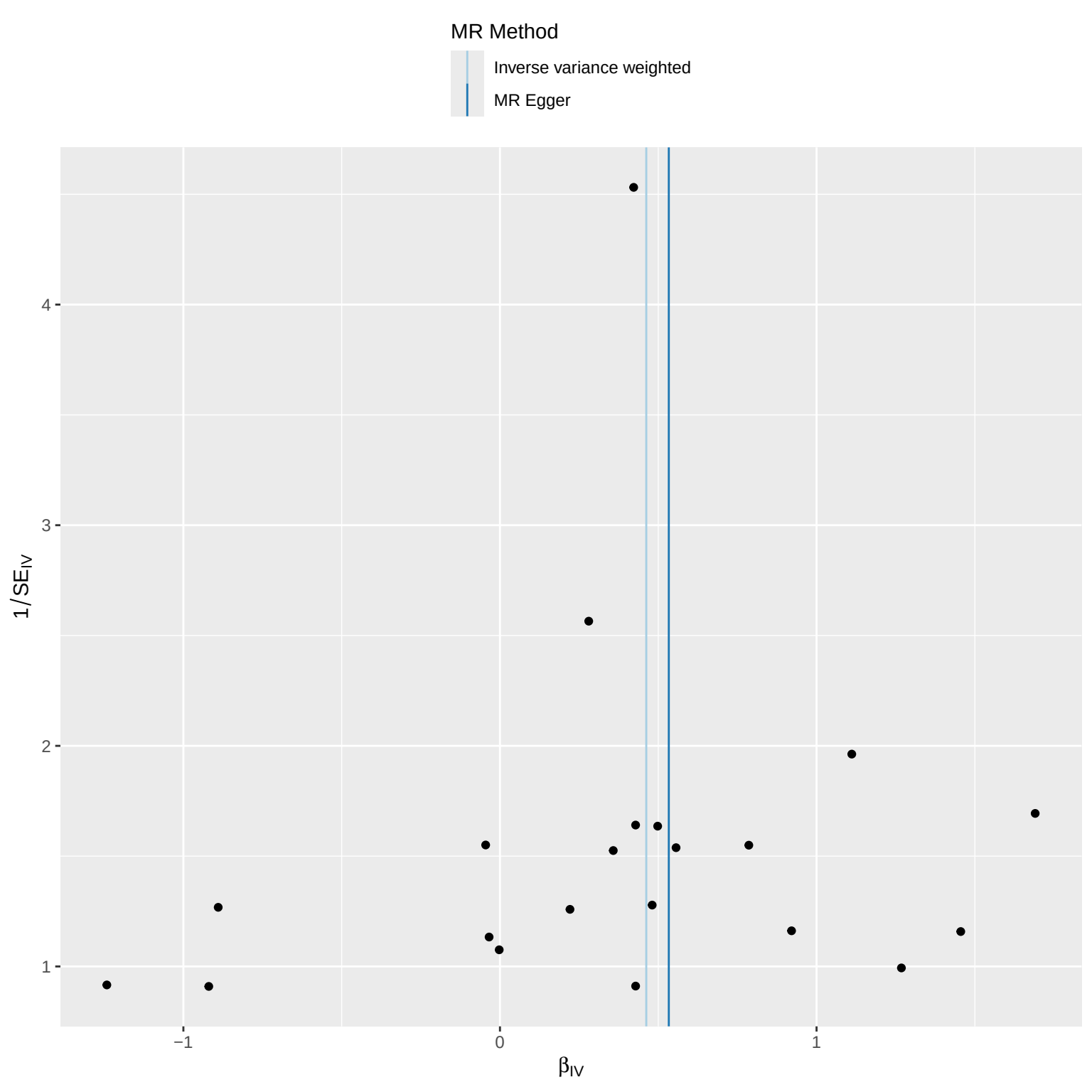

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

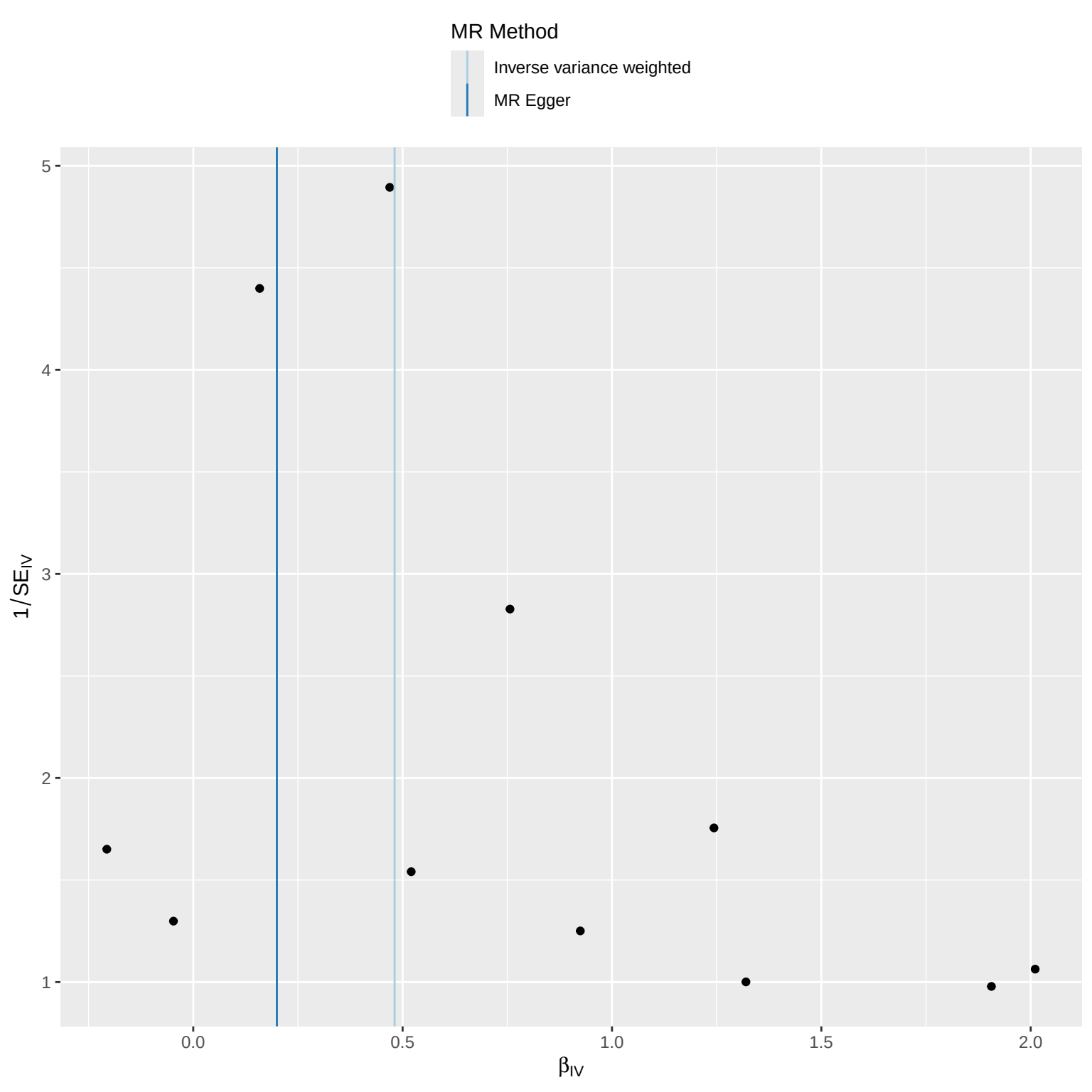

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

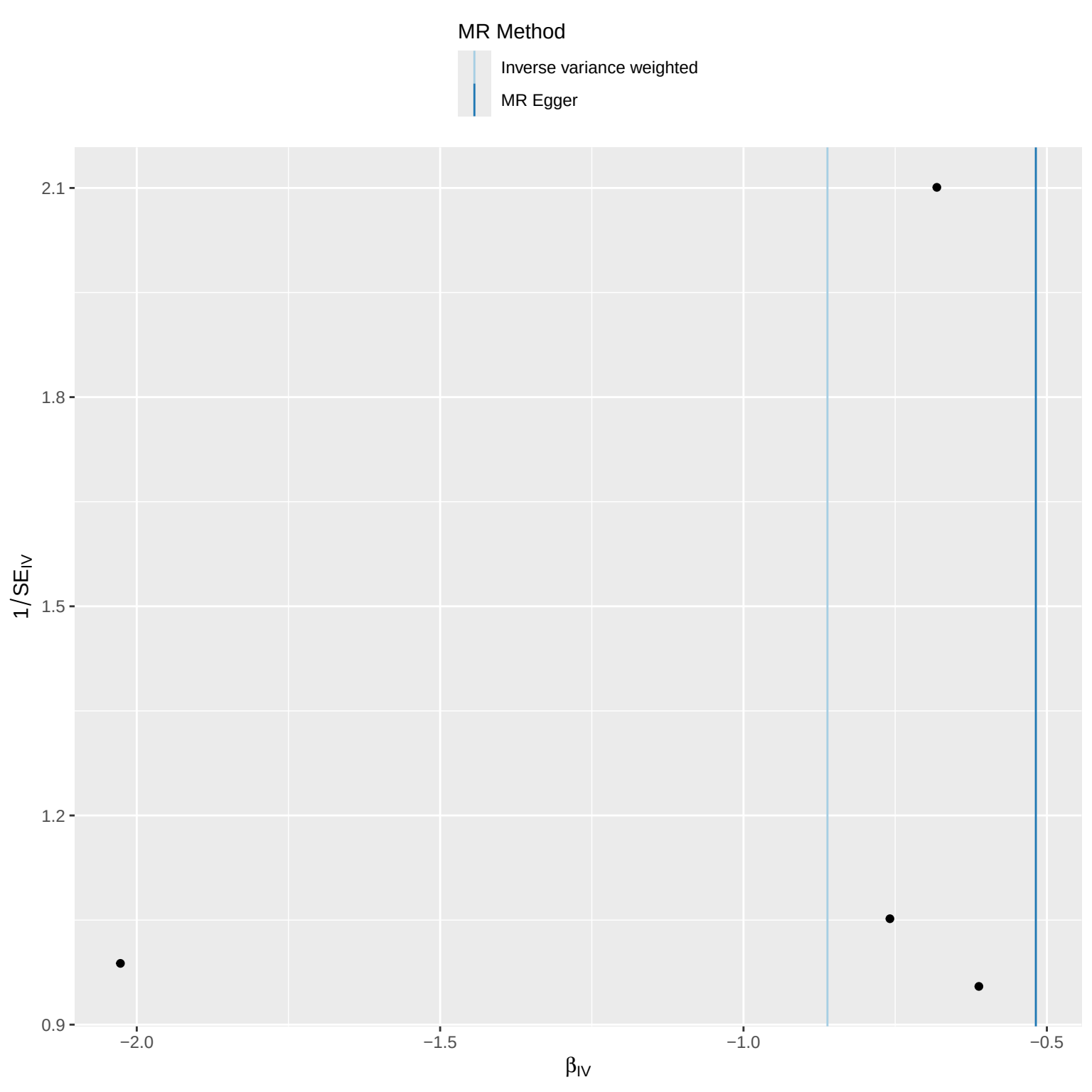

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

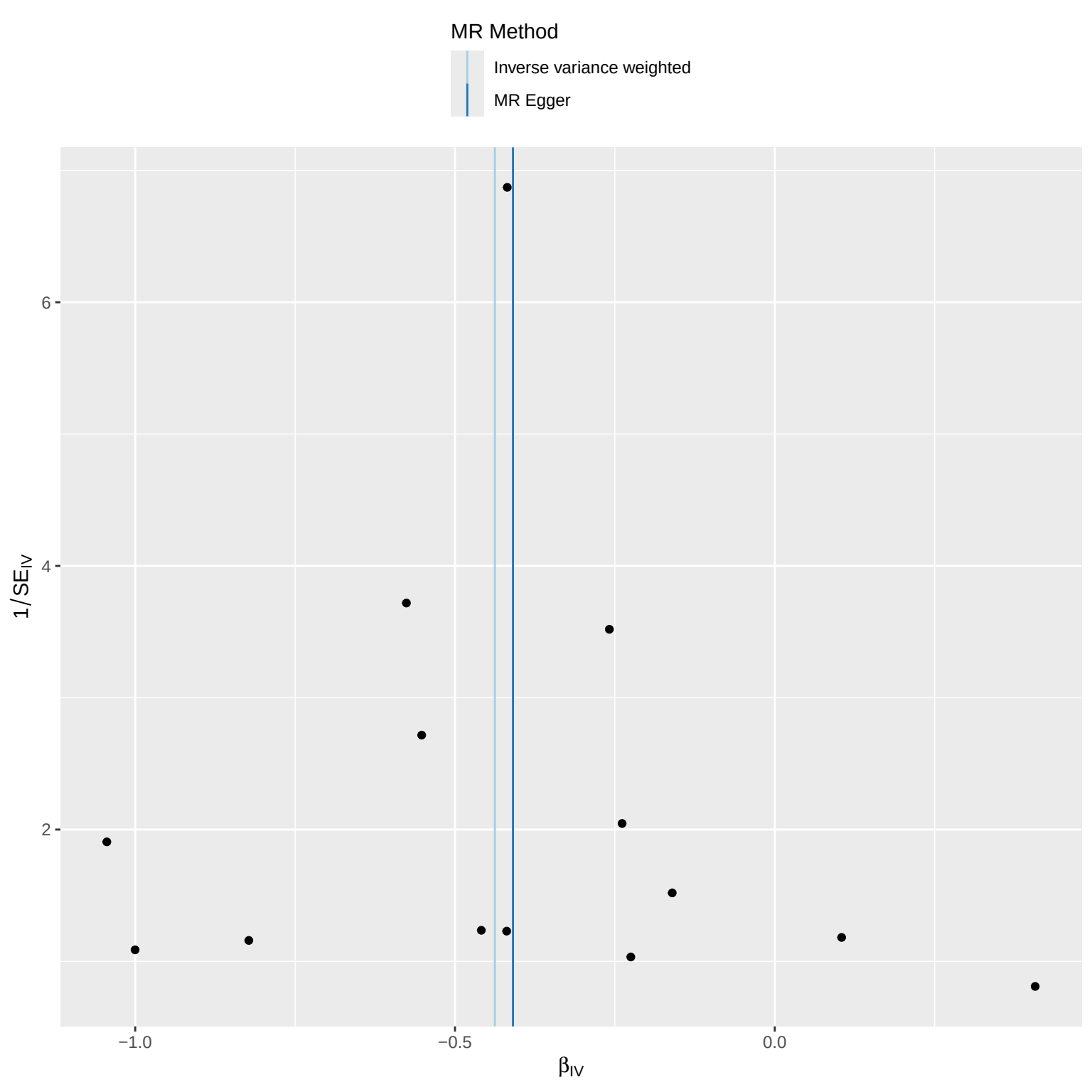

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

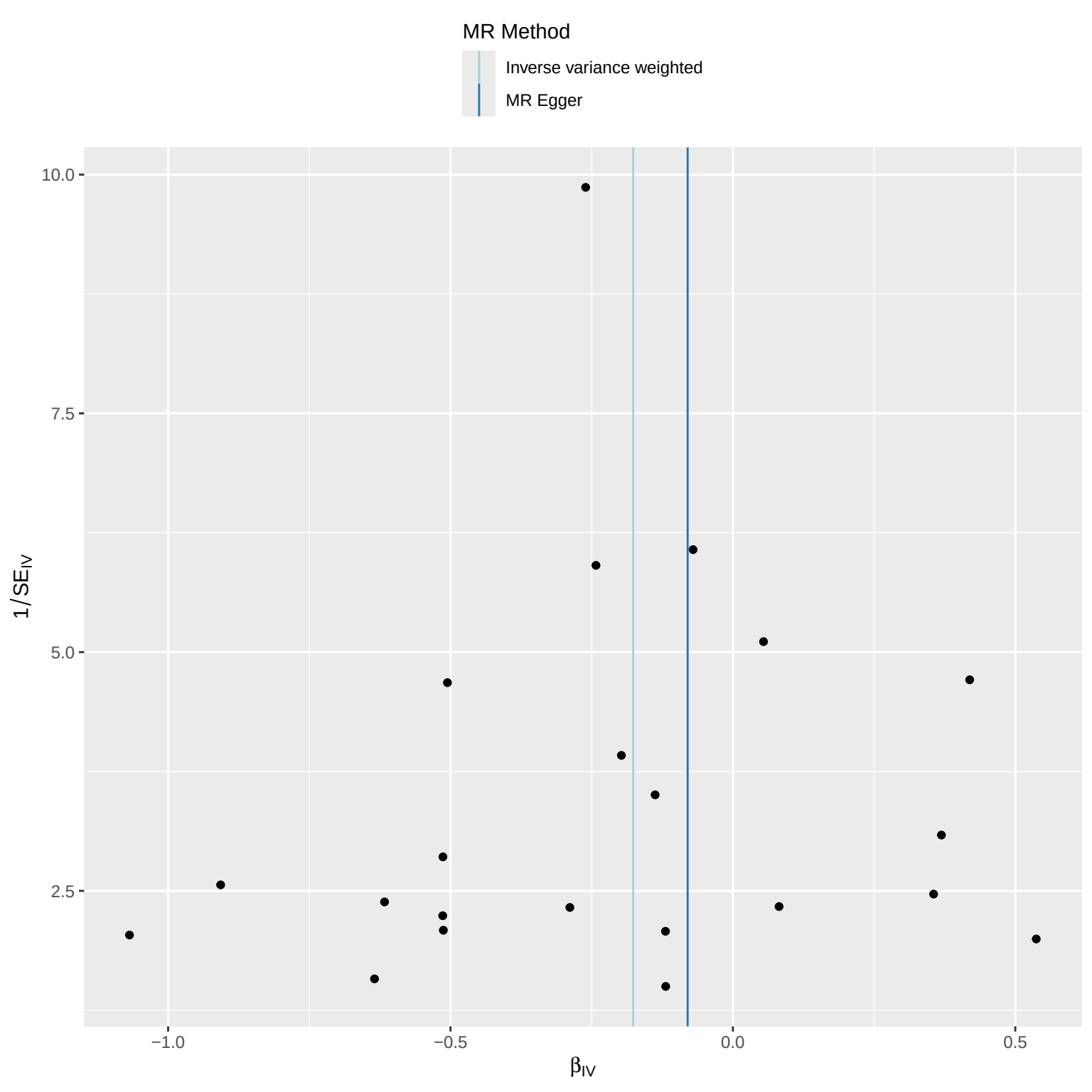

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
0
1
1/SE_IV
β_IV

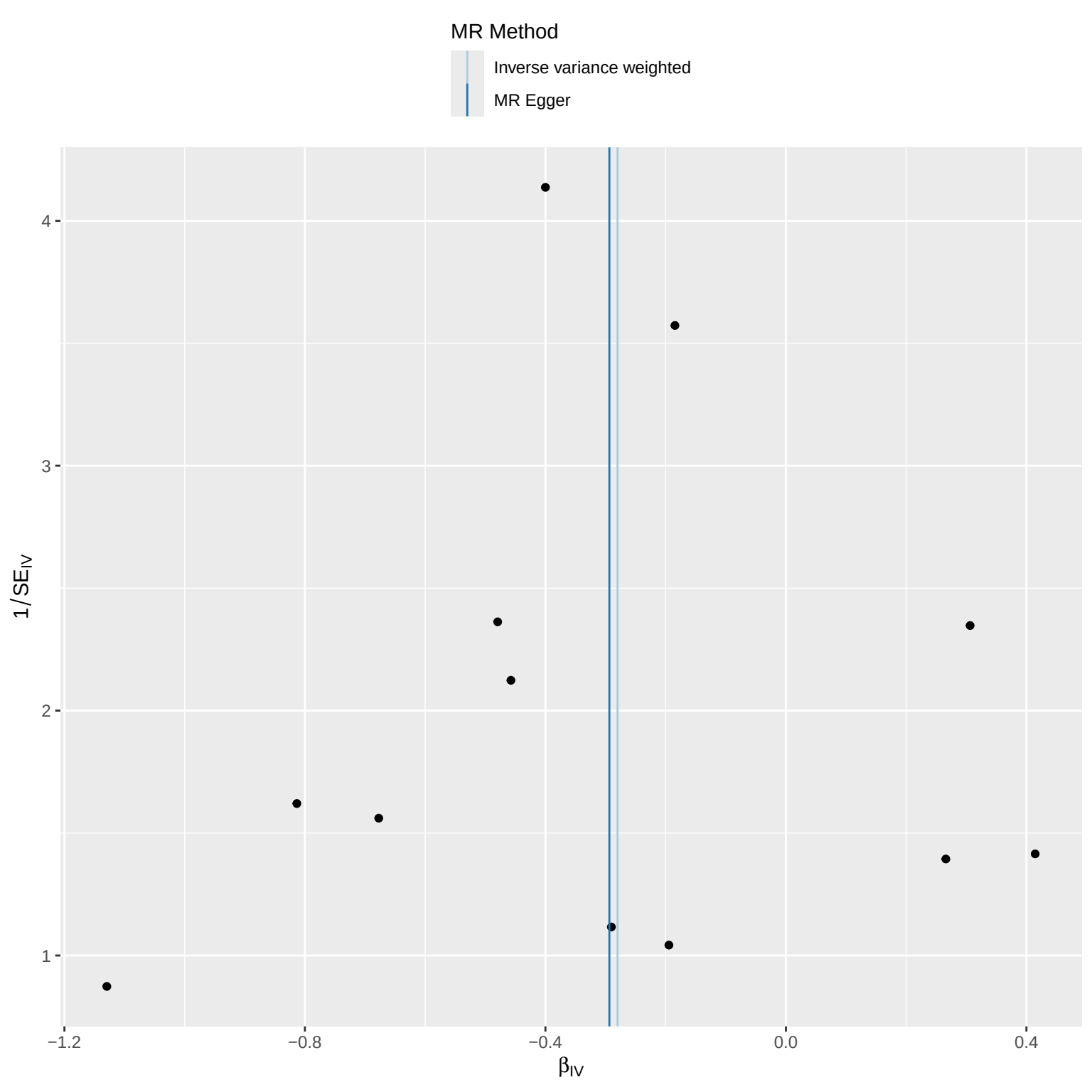

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

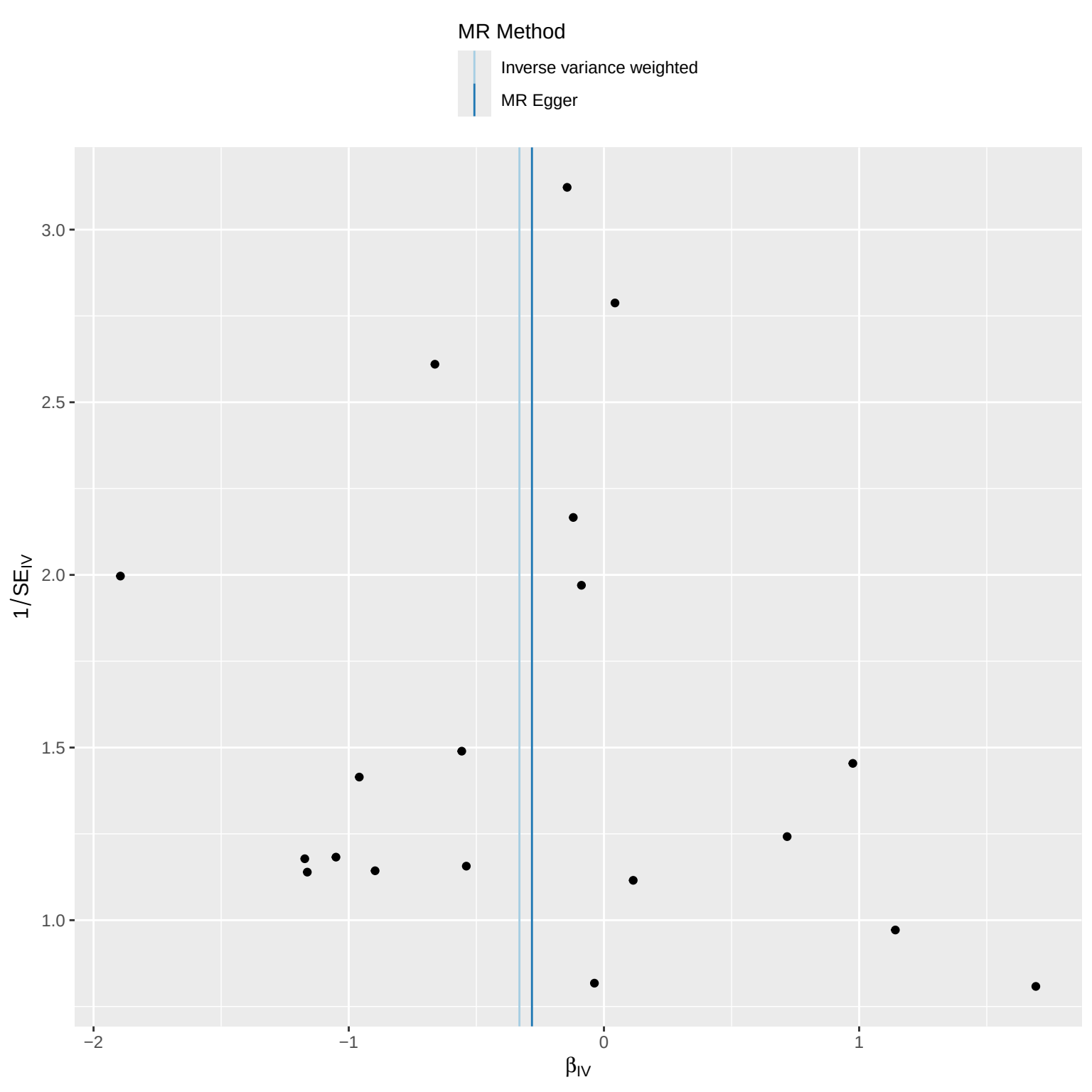

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

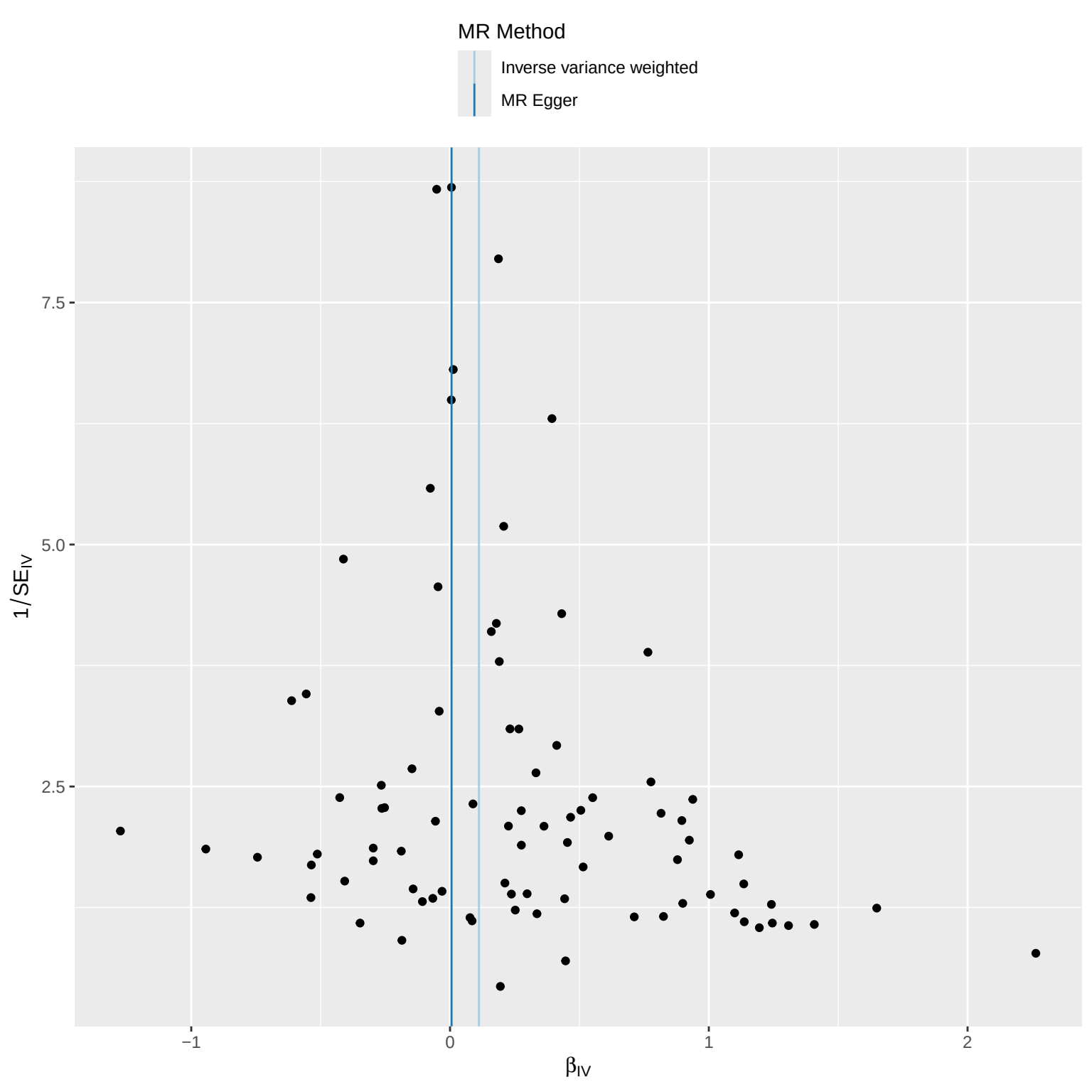

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

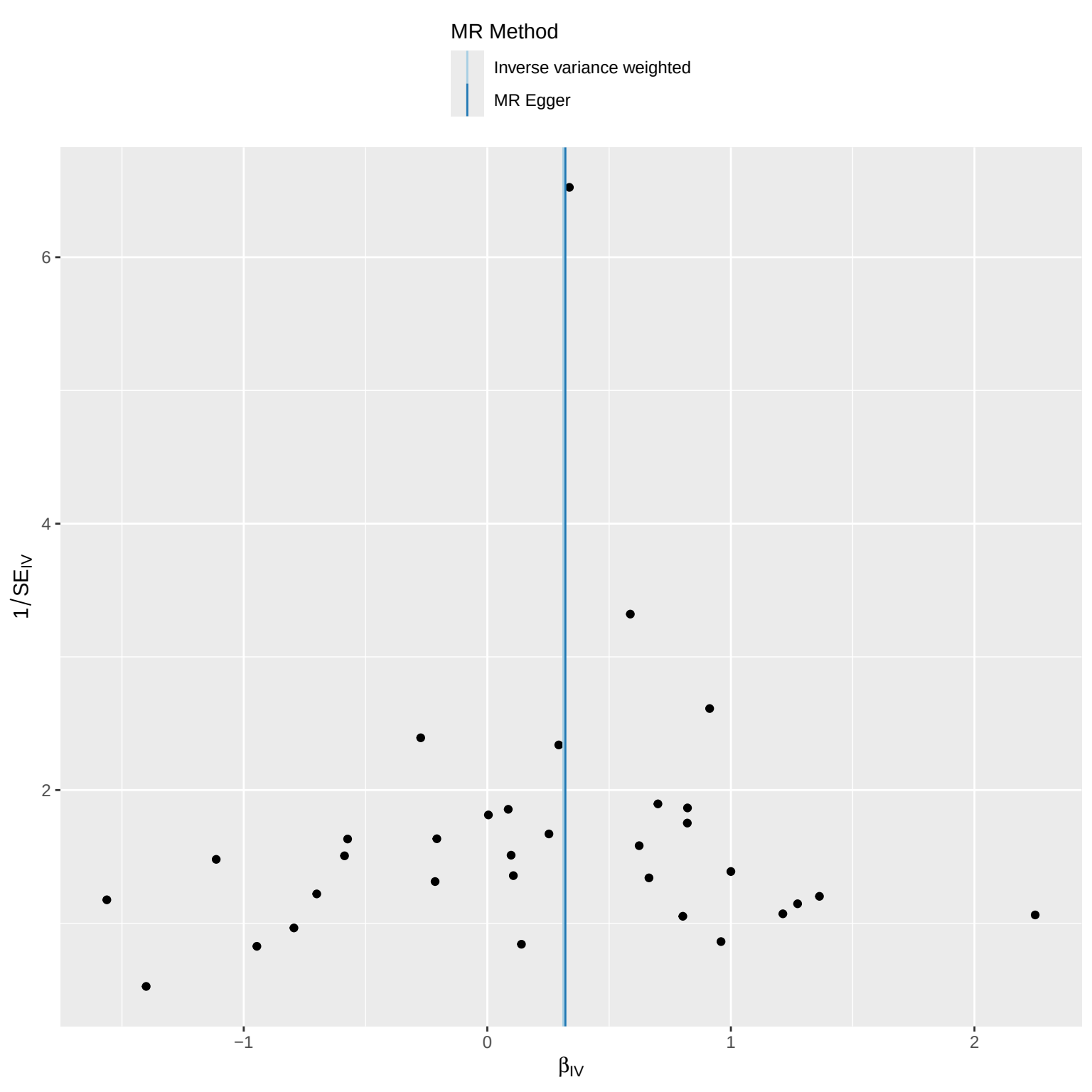

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
β_IV

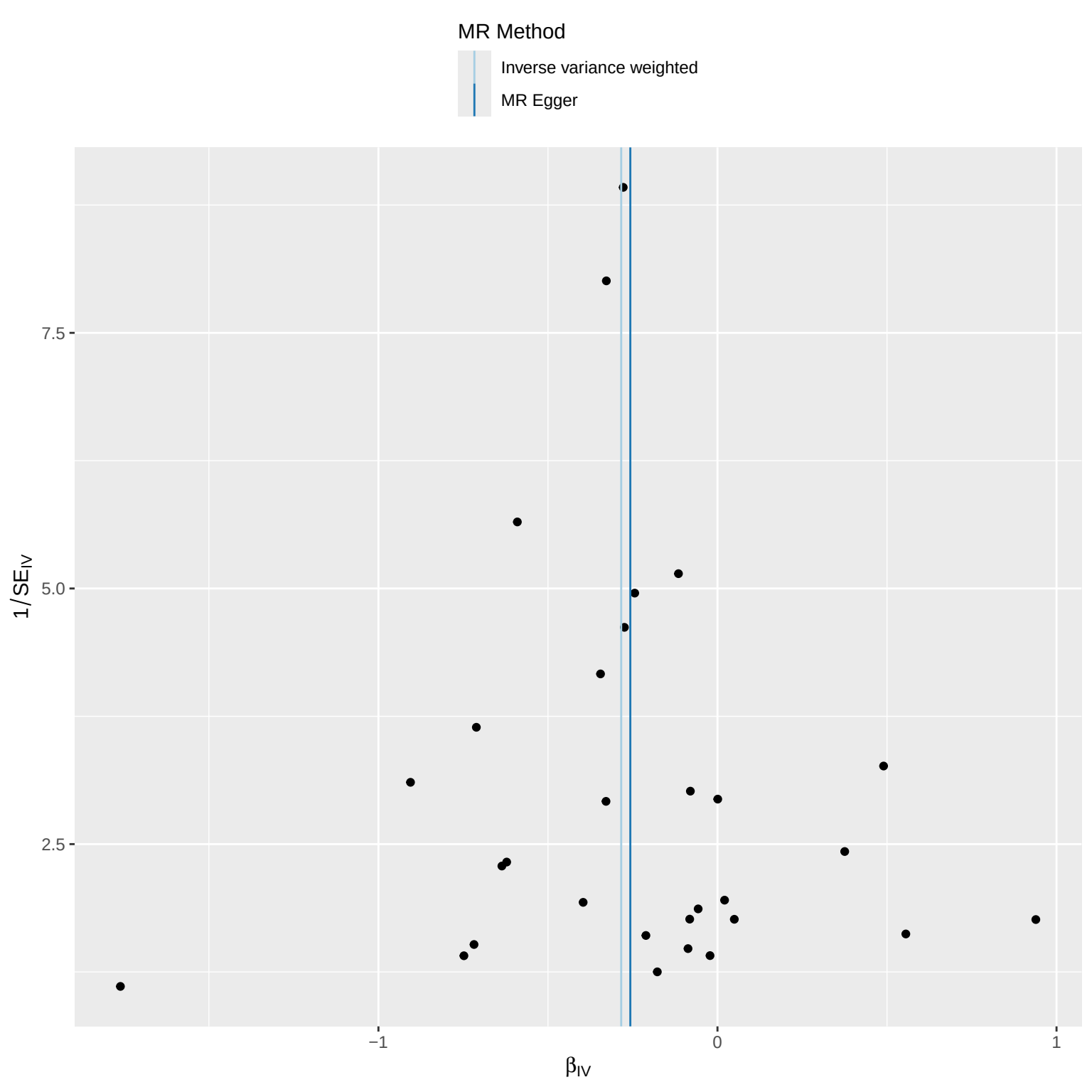

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

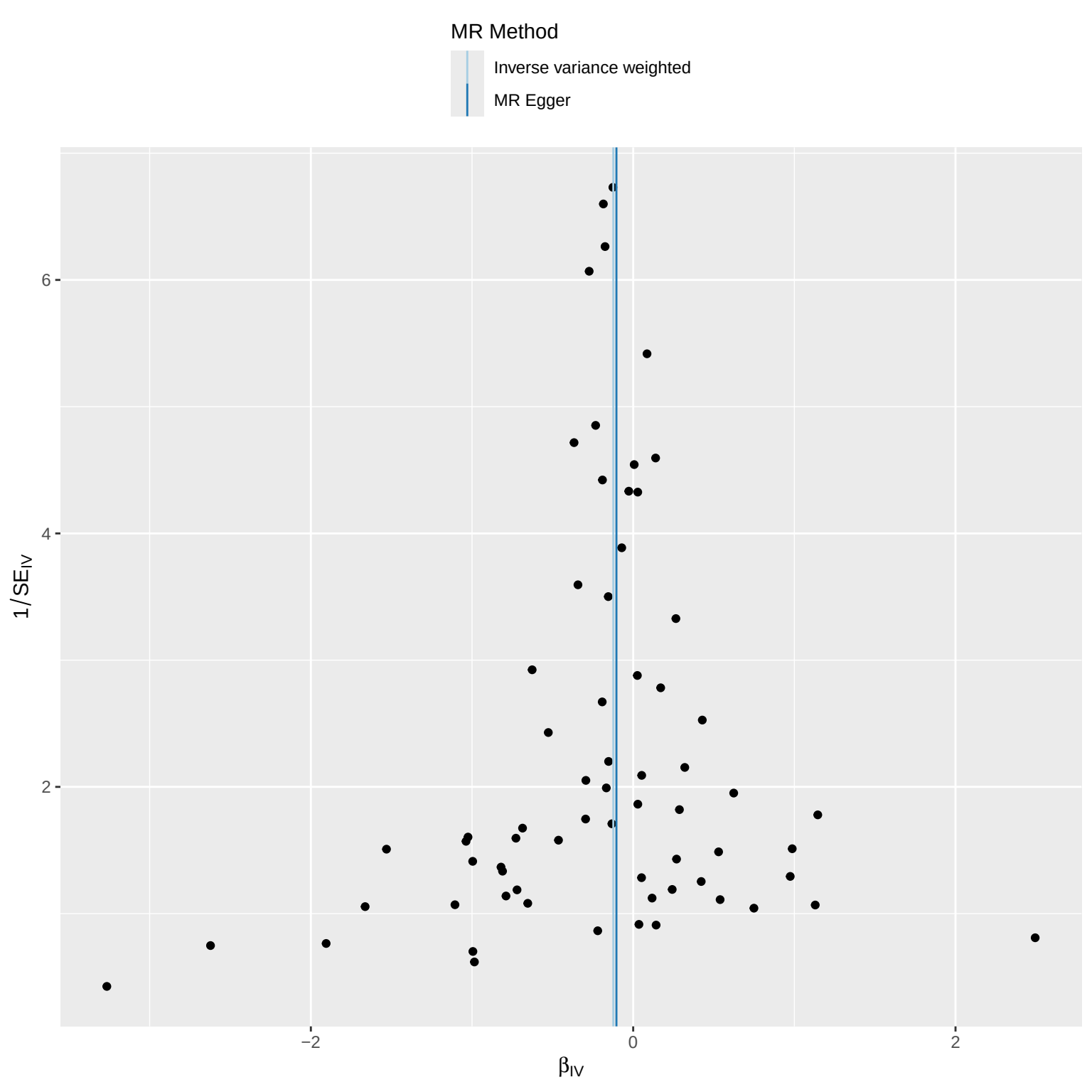

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.2
−0.8
−0.4
0.0
0.4
β_IV

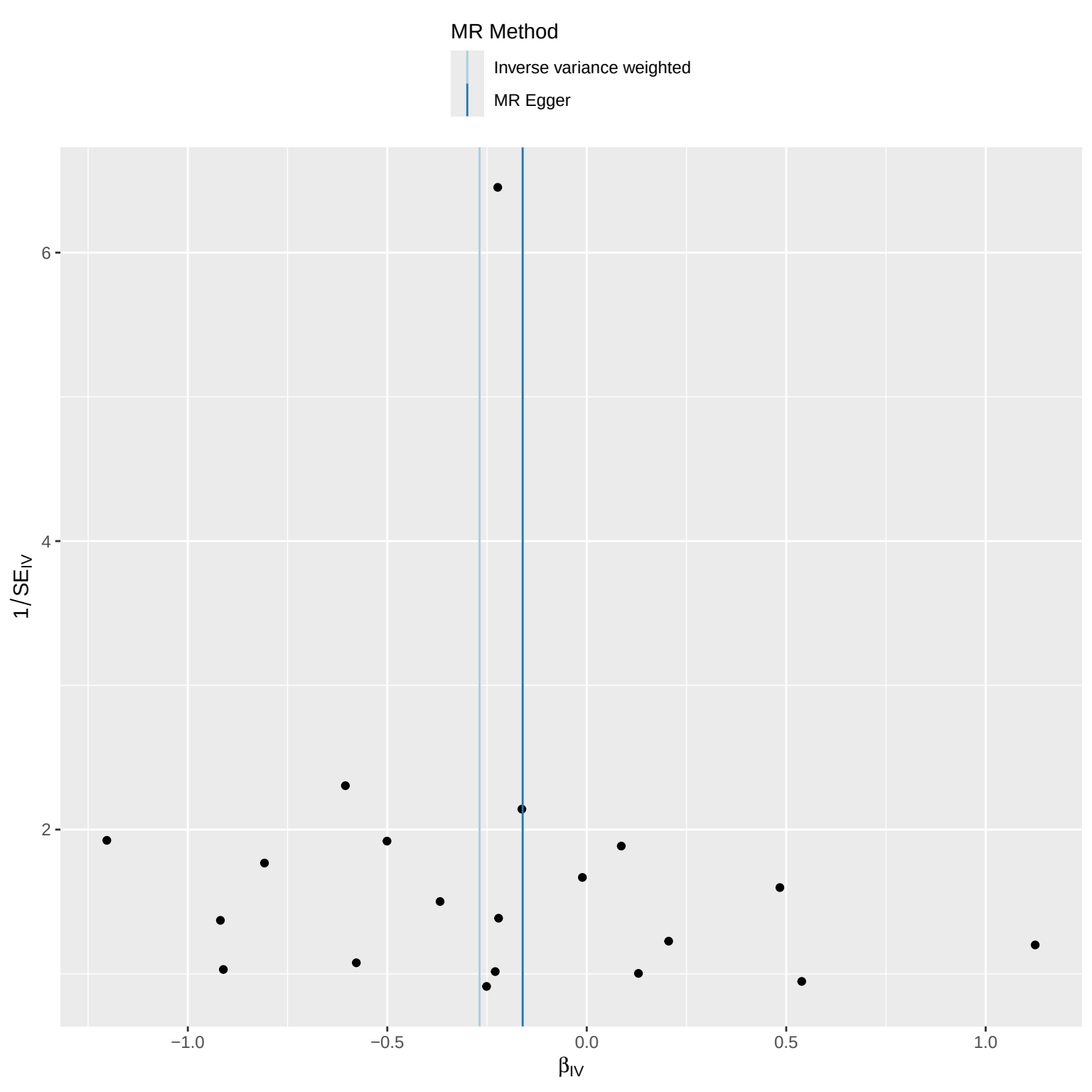

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

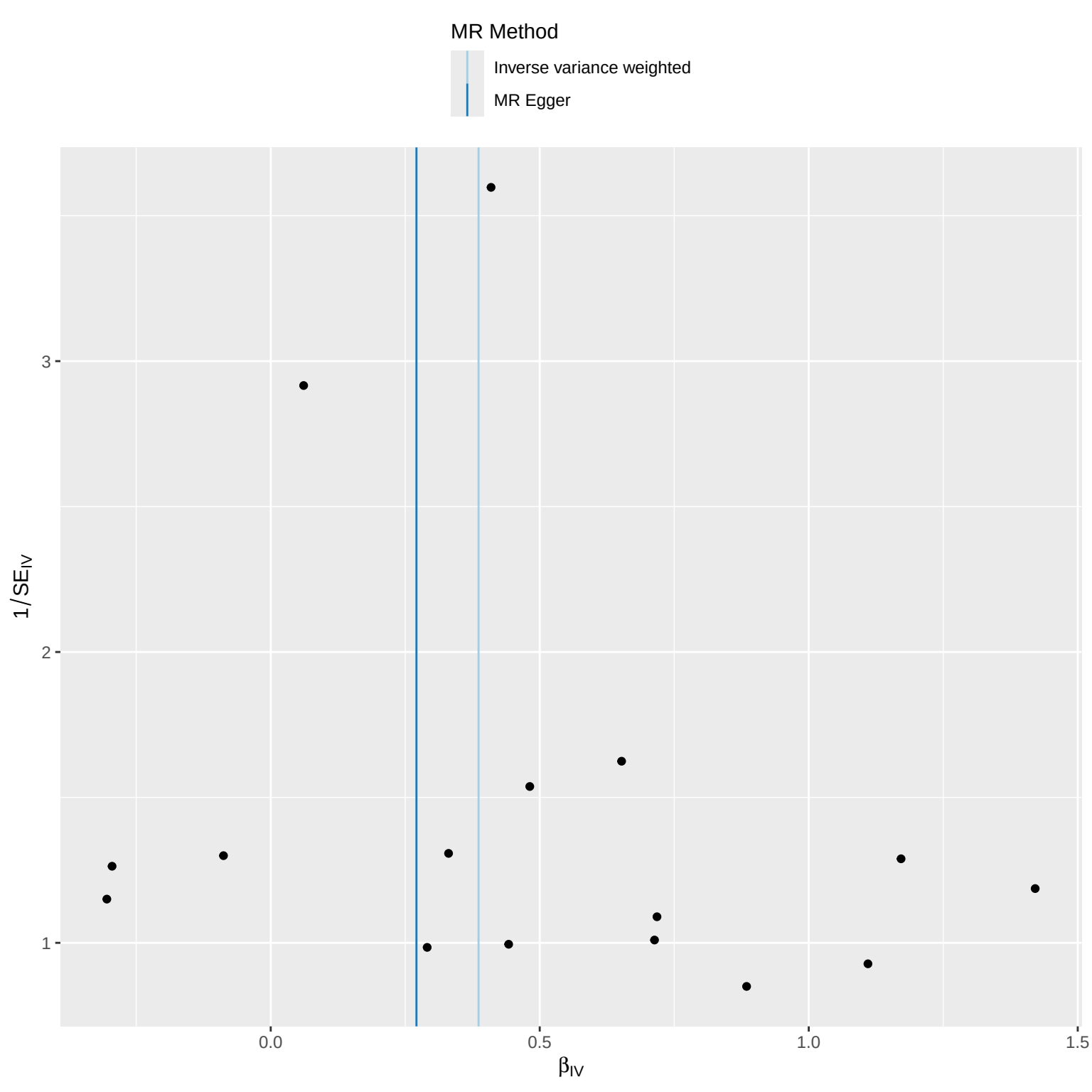

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

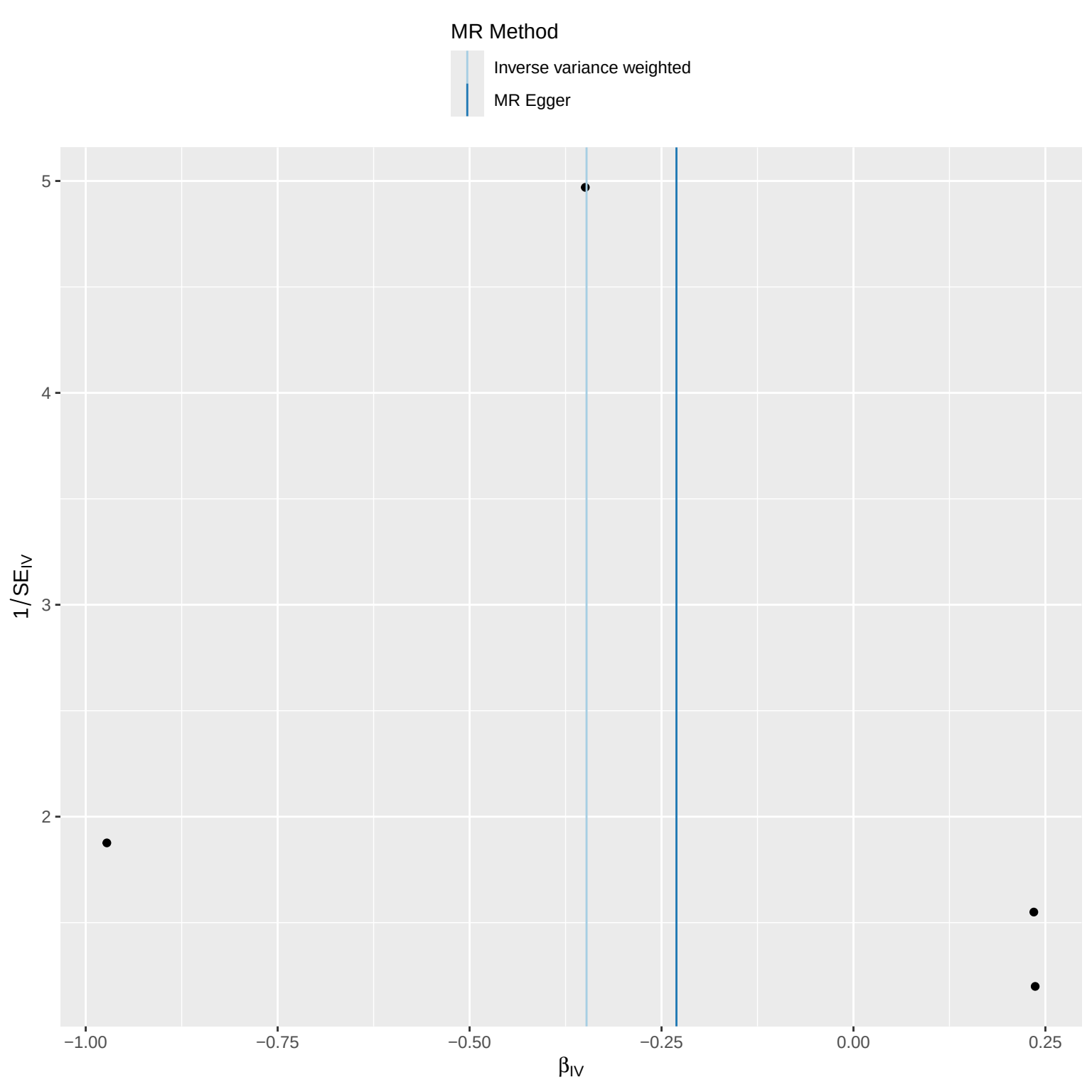

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

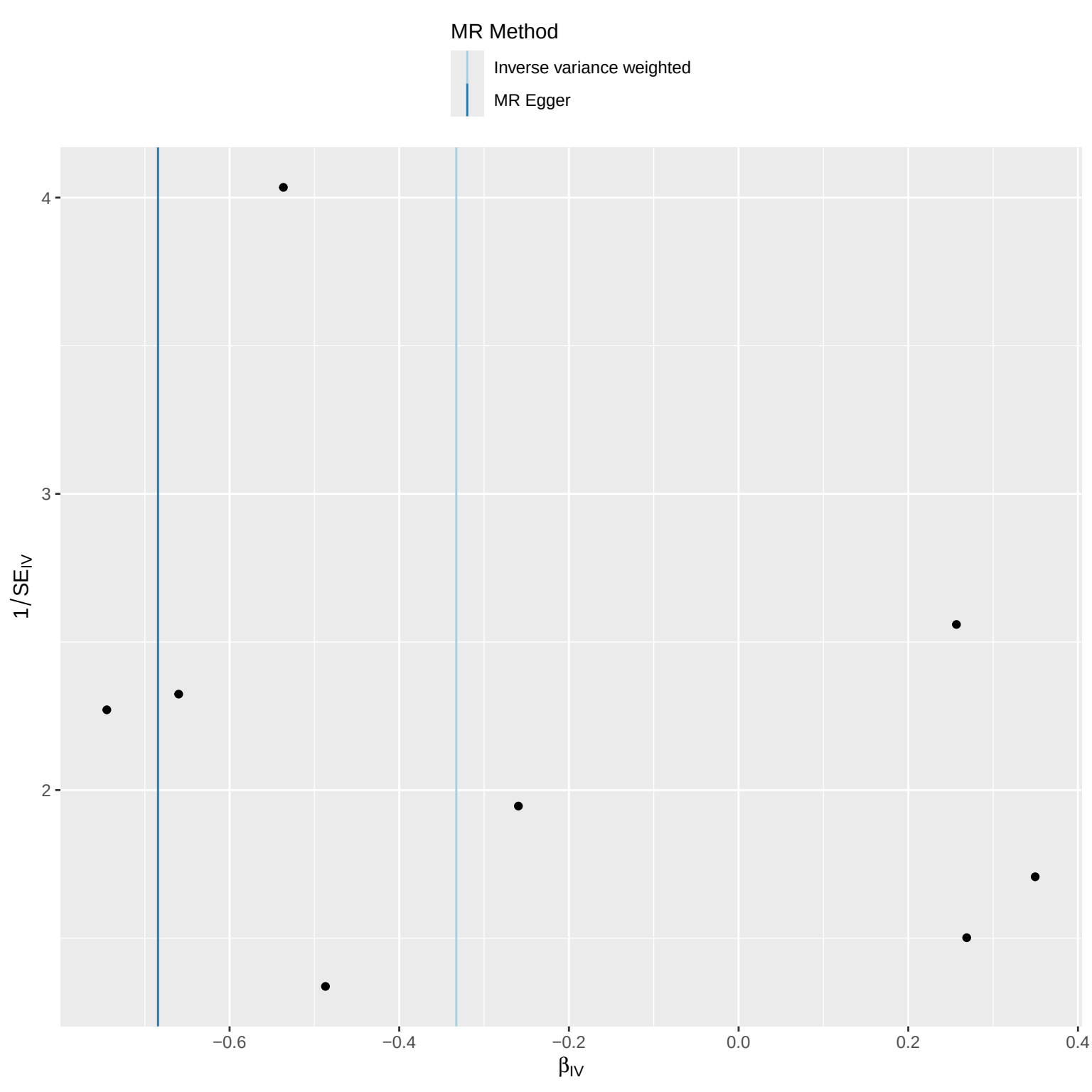

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

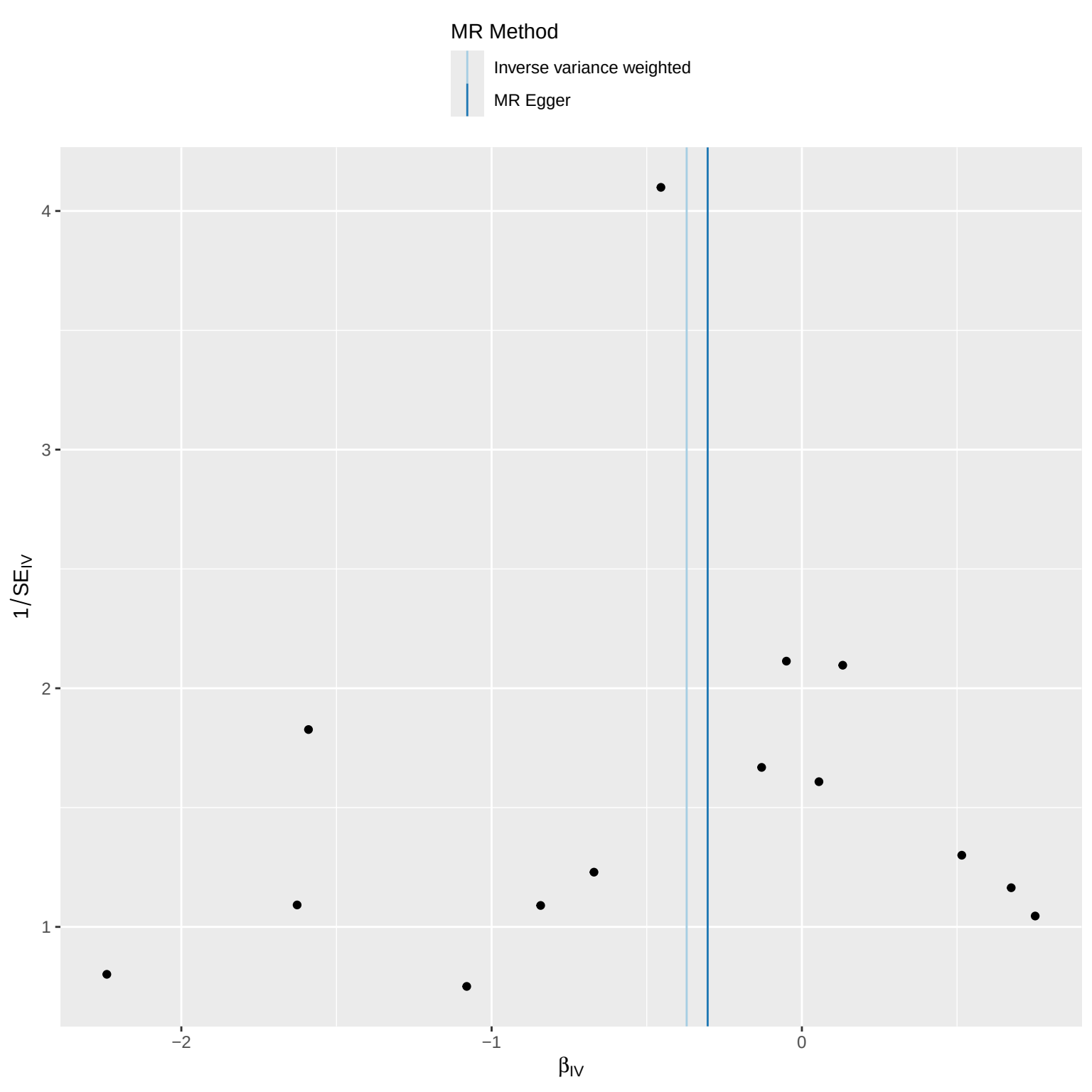

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

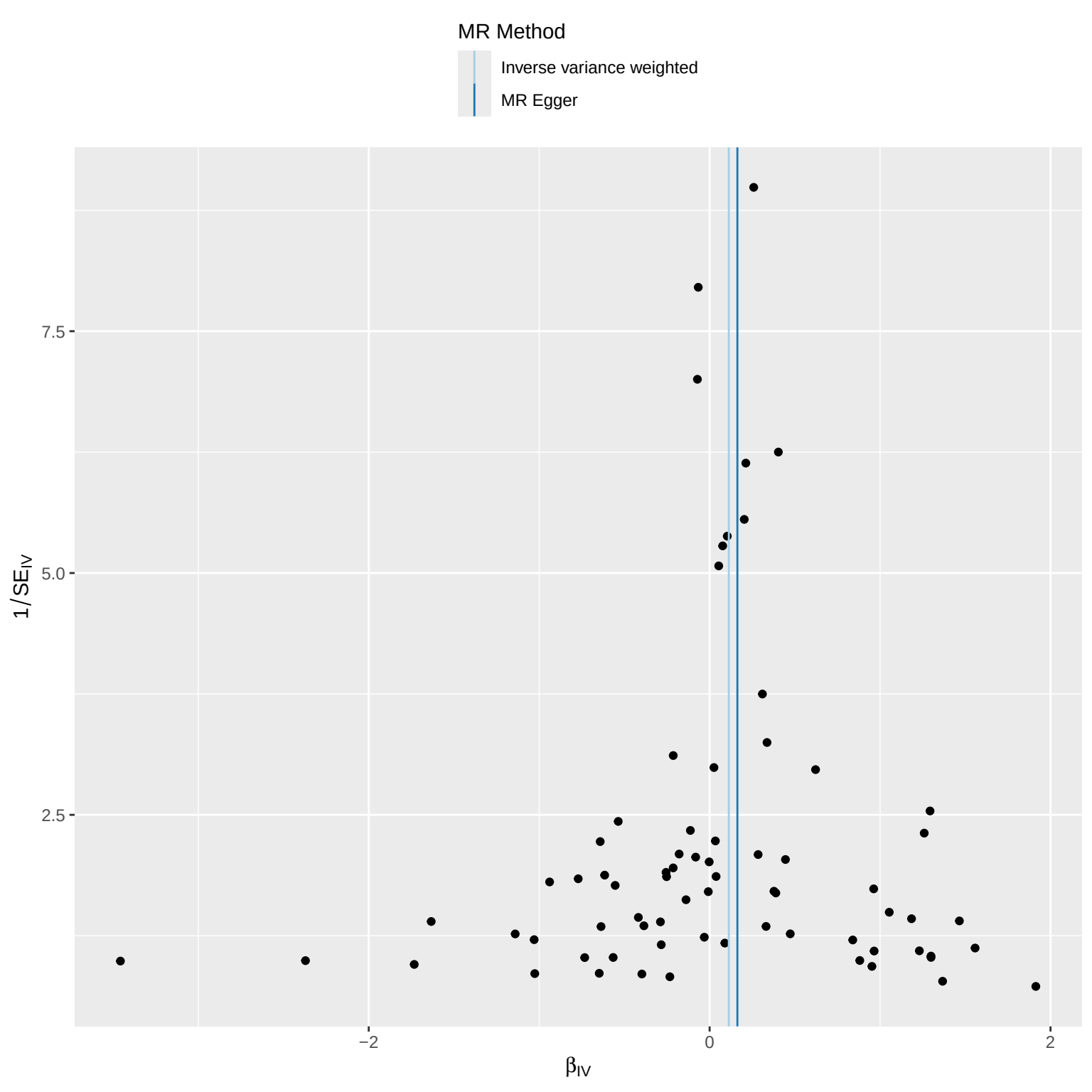

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

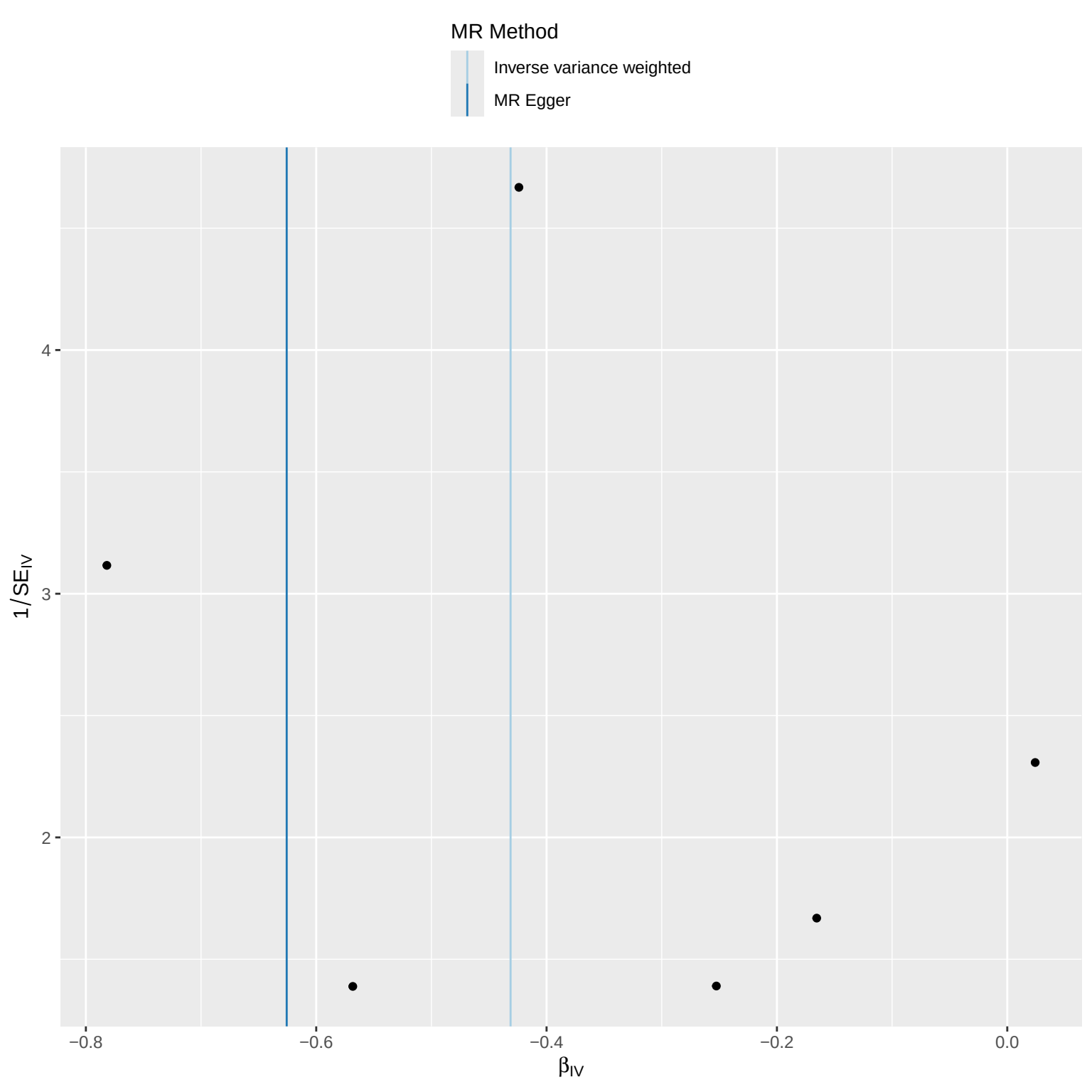

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

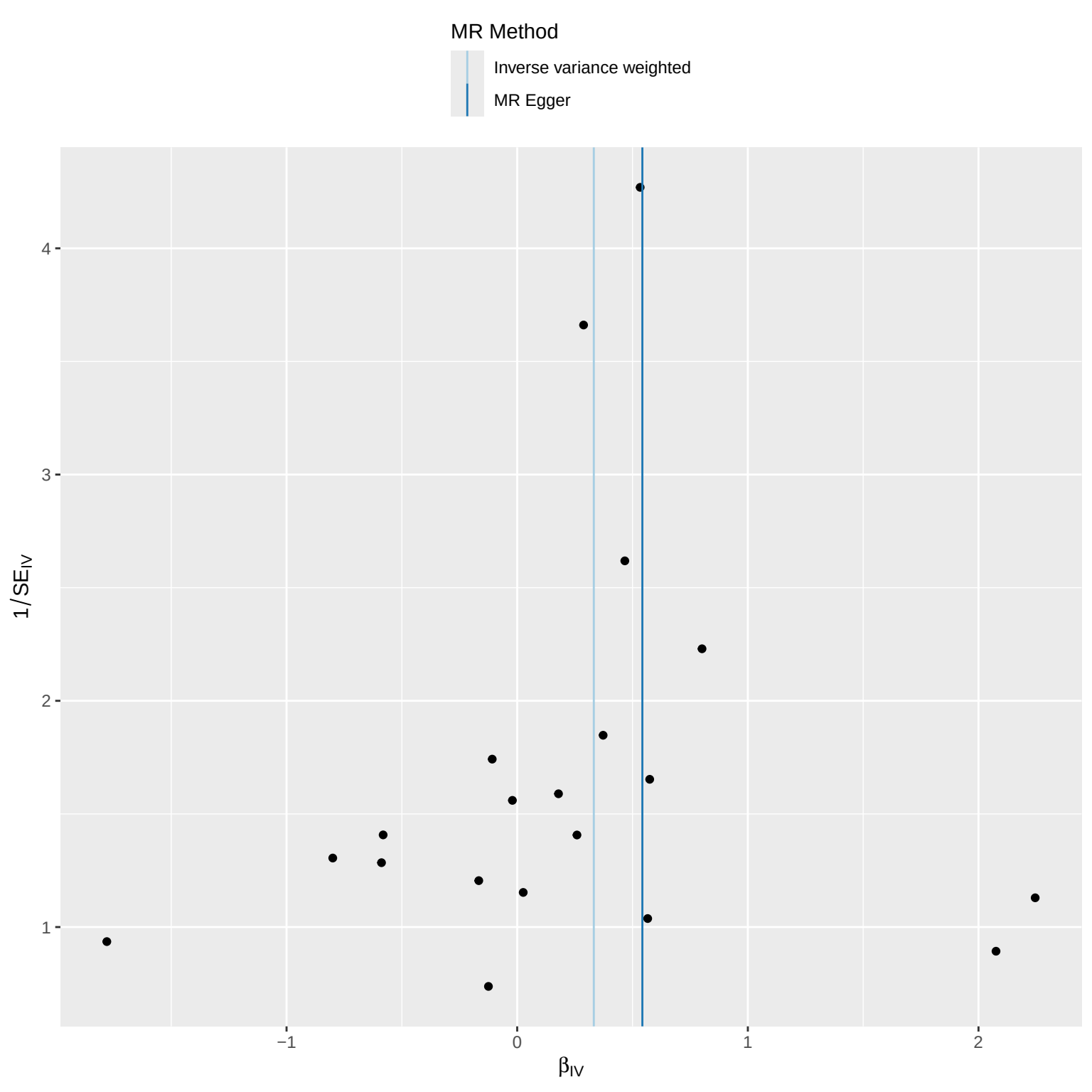

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
0.25
β_IV

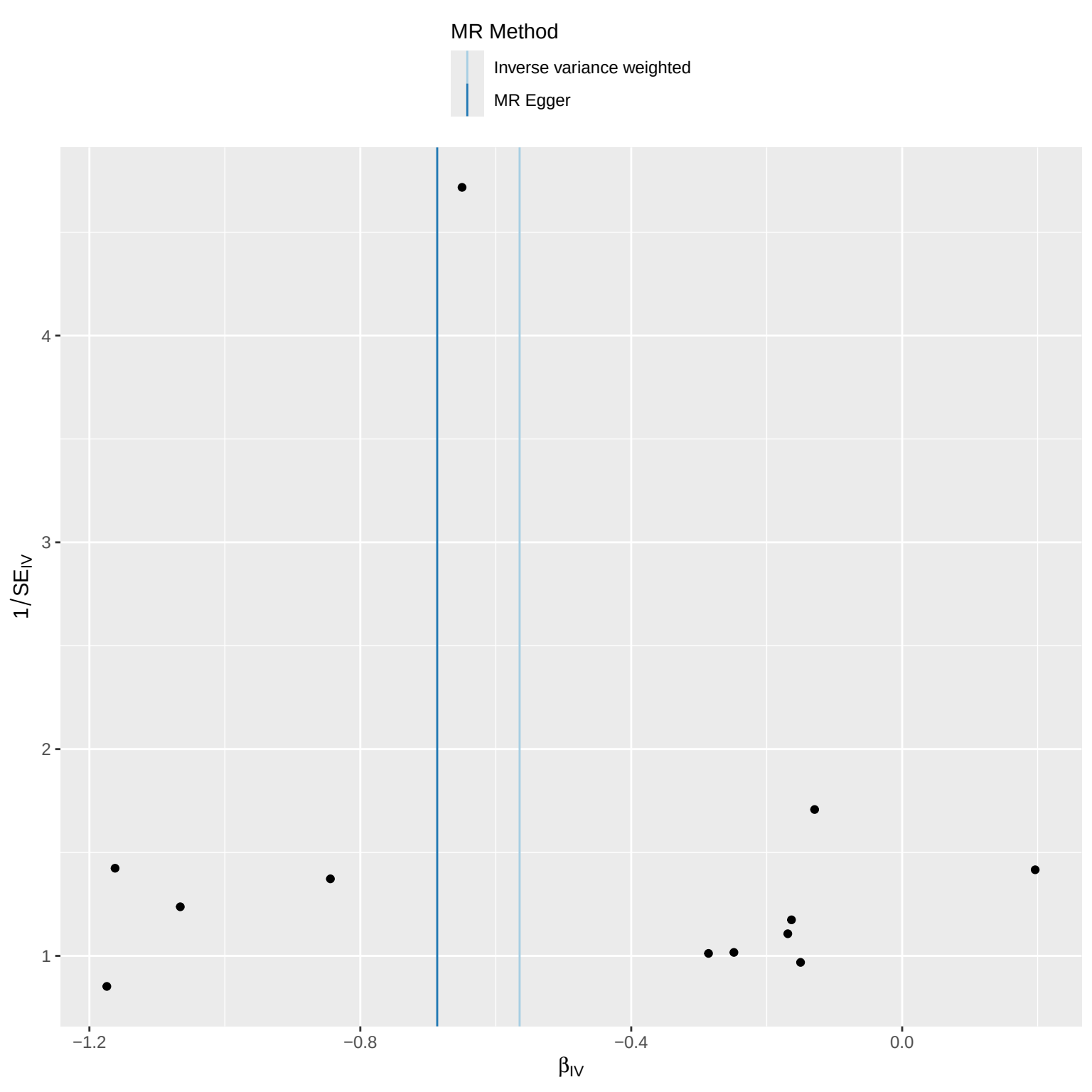

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
0.4
β_IV

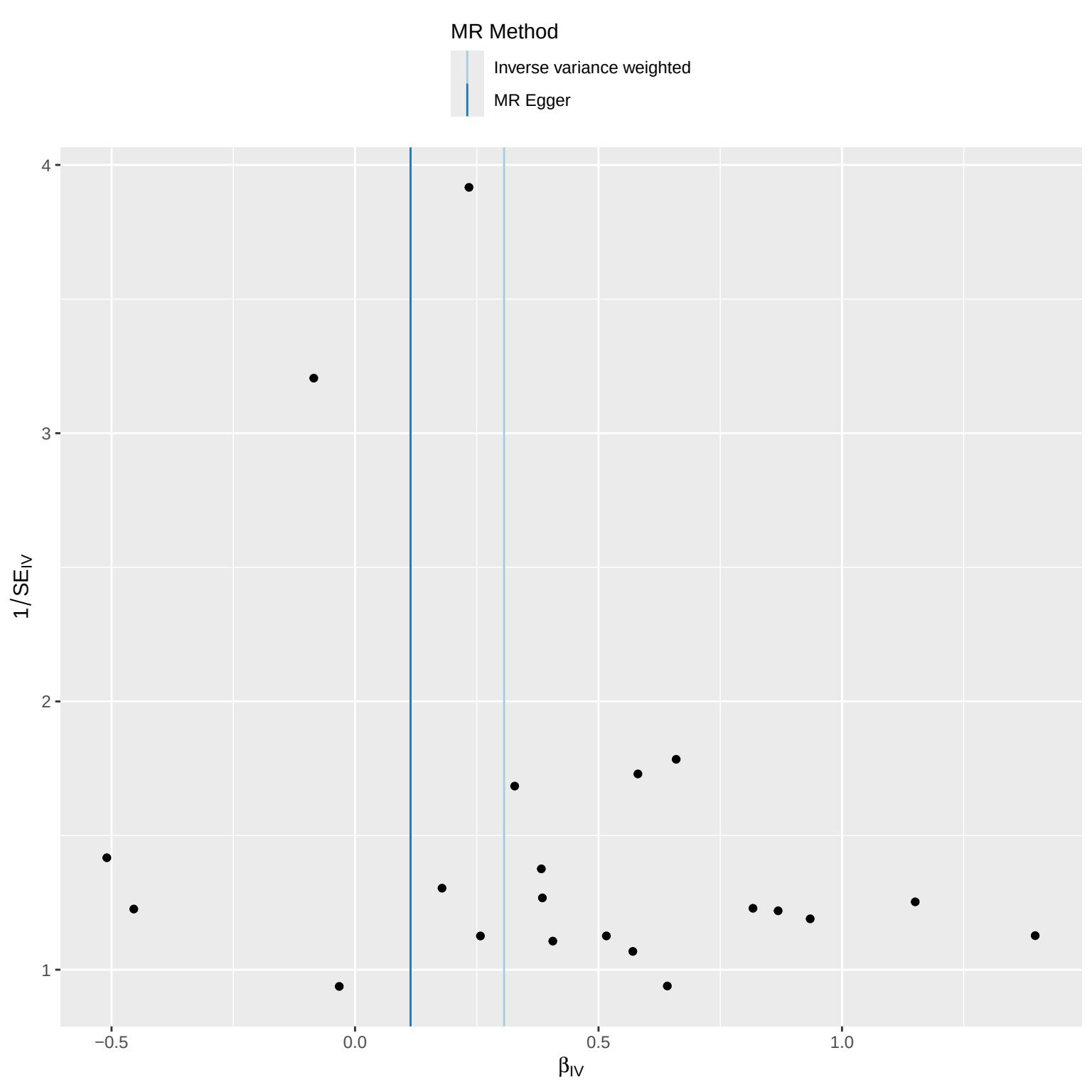

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

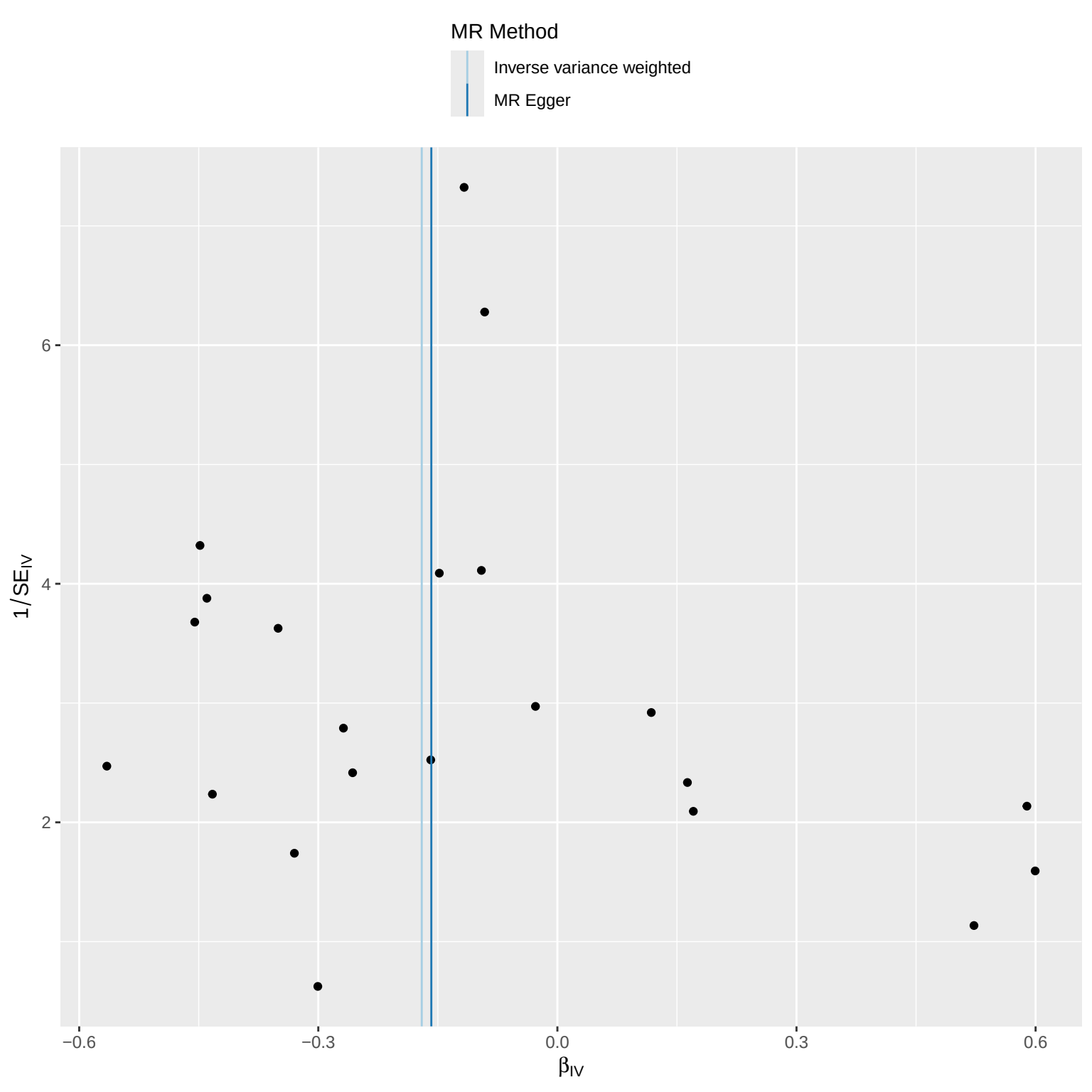

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
0
2
β_IV

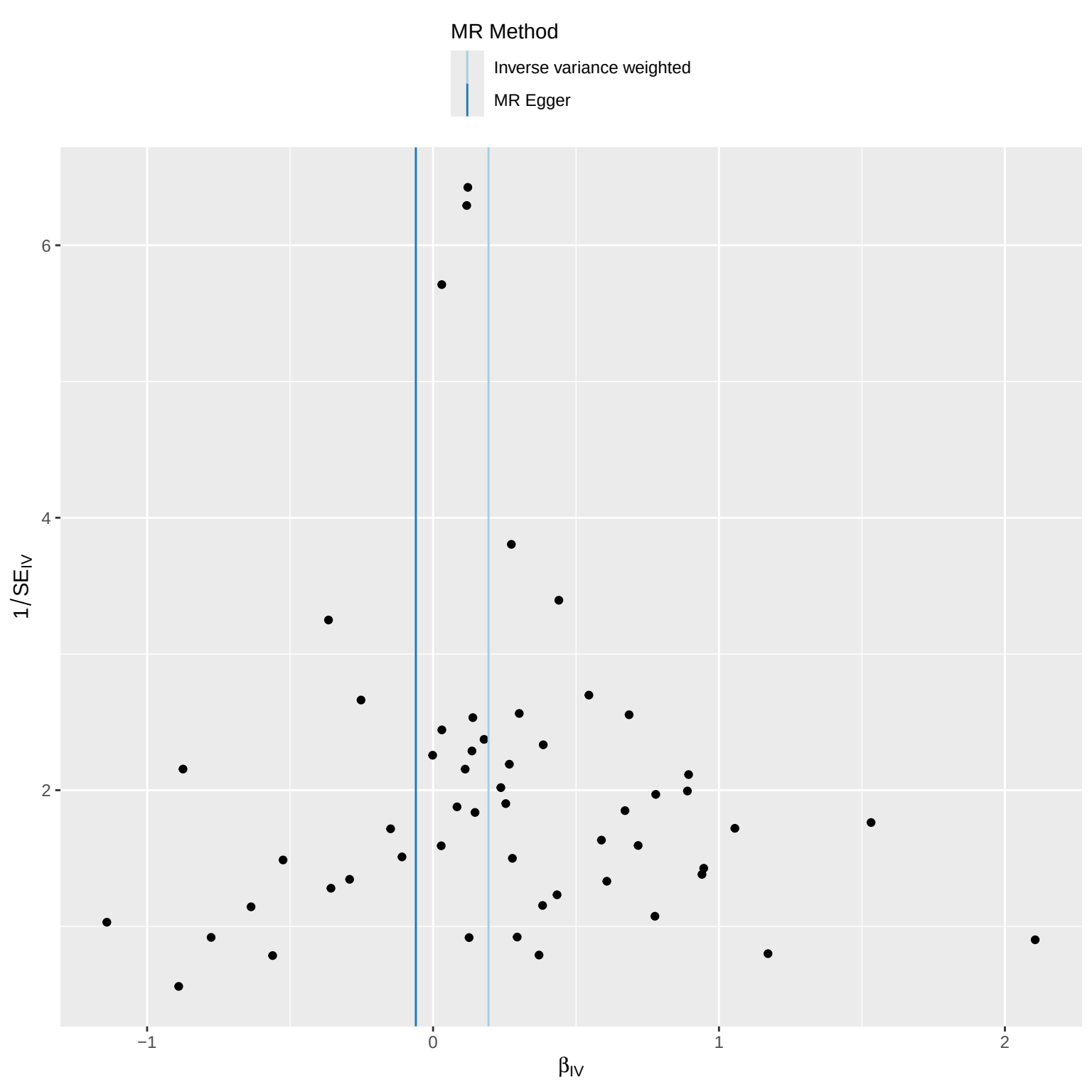

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.8
−0.6
−0.4
−0.2
0.0
β_IV

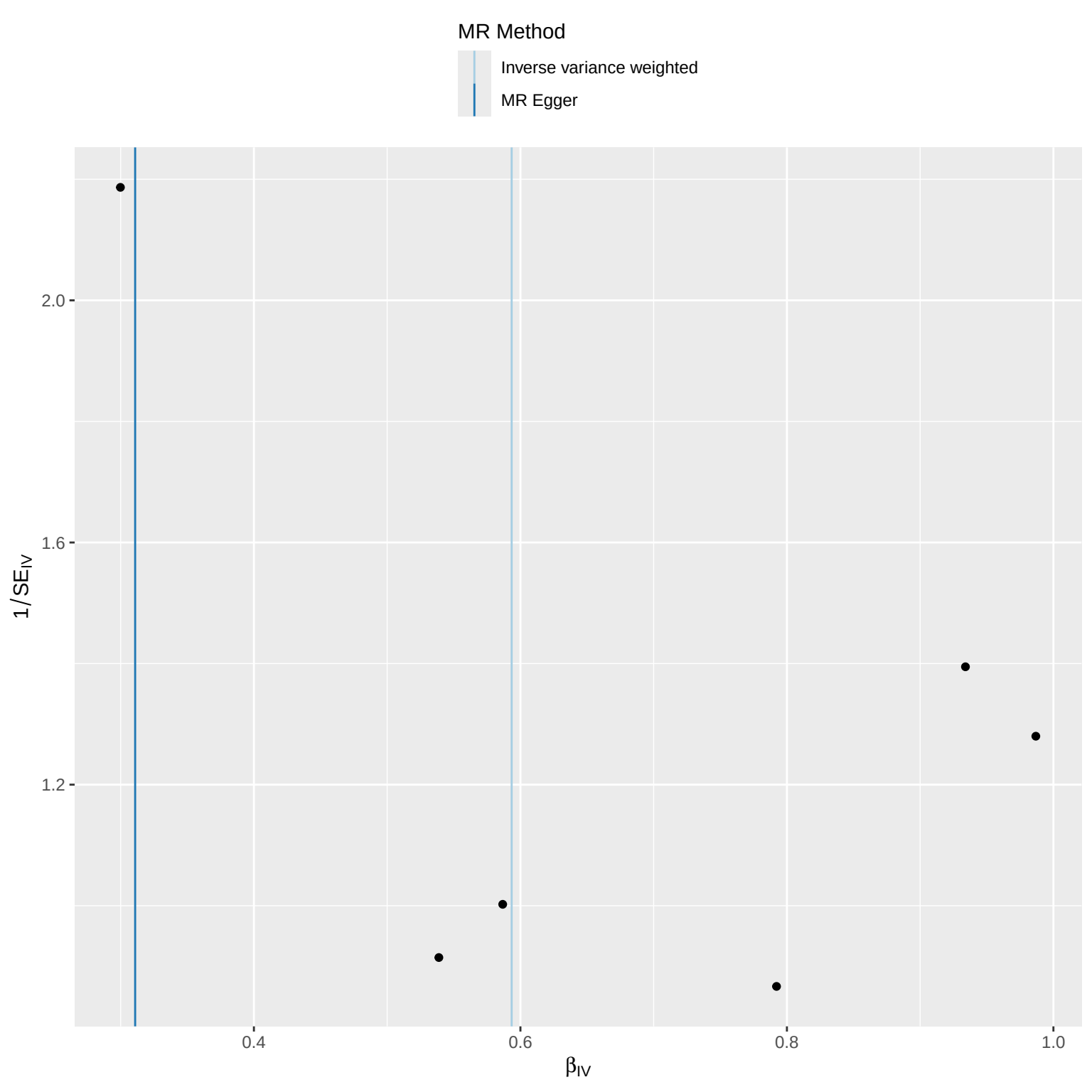

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

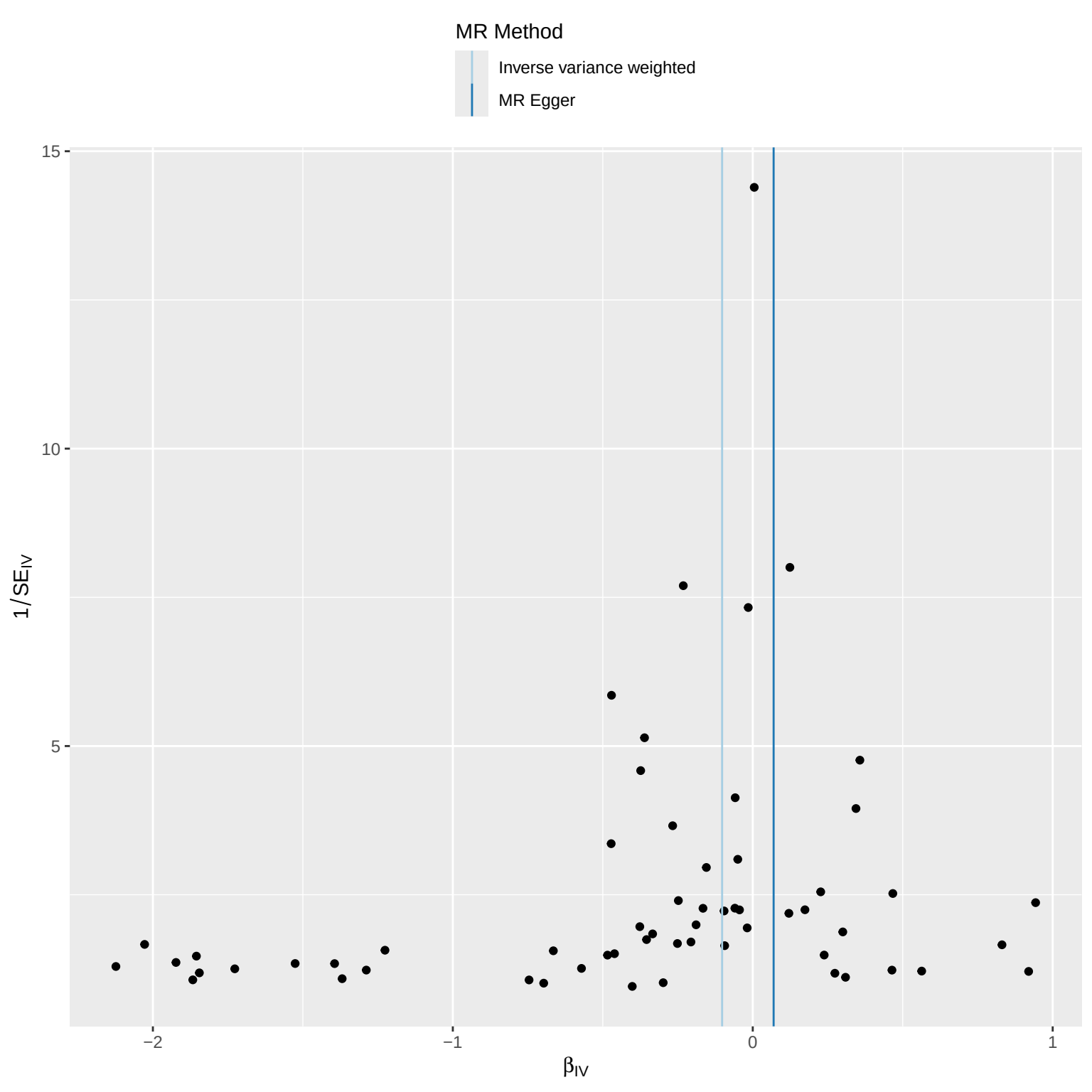

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

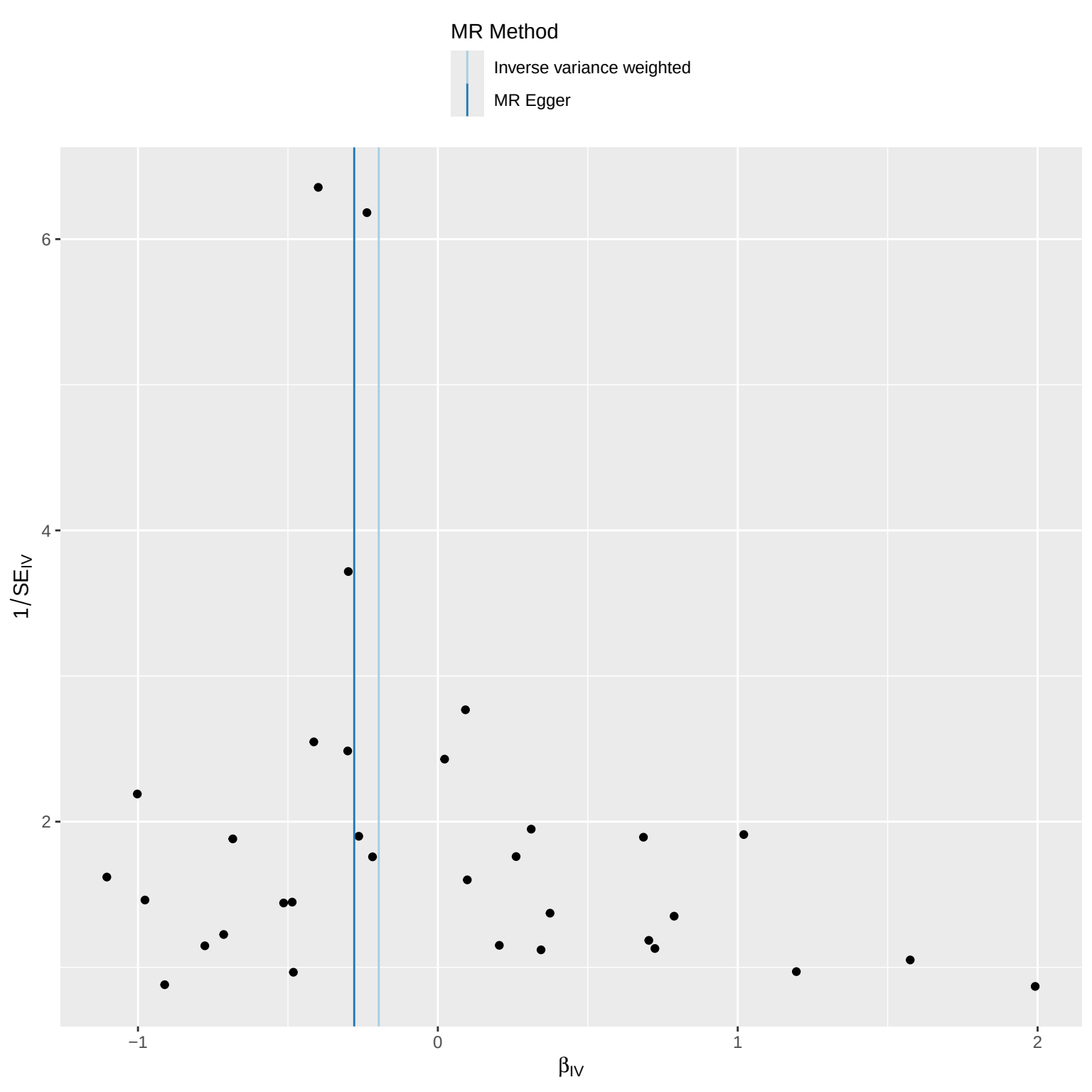

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

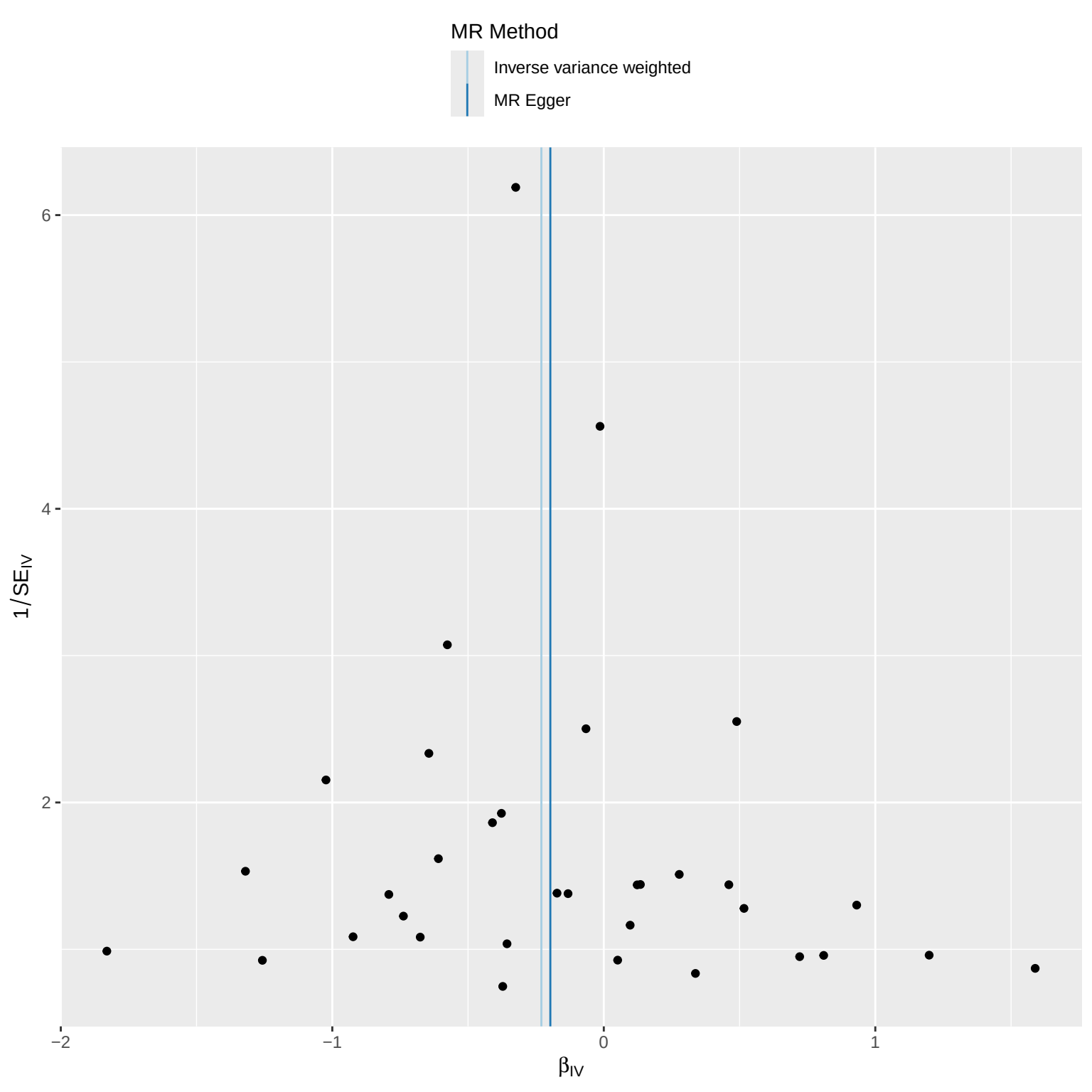

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.6
−0.3
0.0
0.3
0.6
β_IV

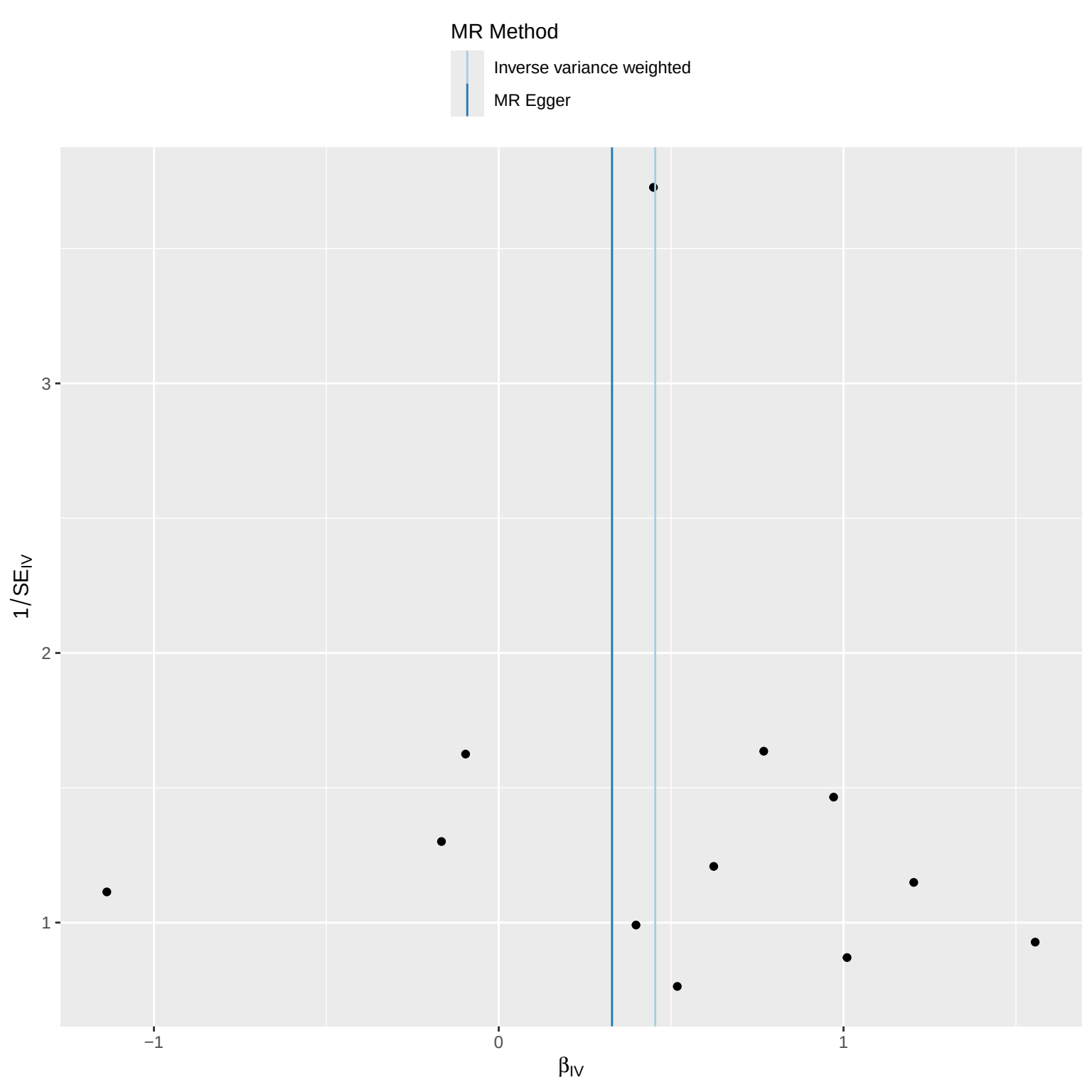

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

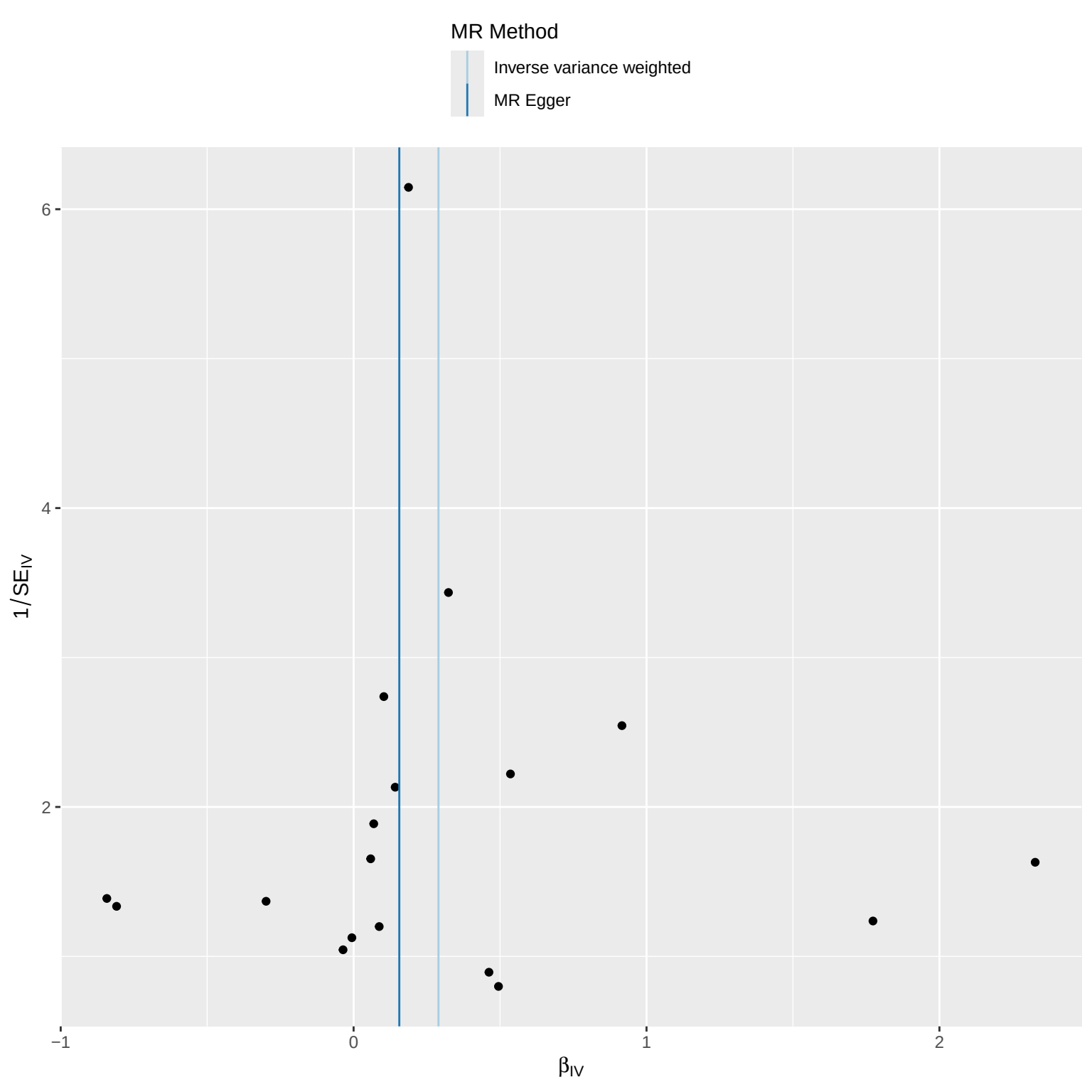

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
0.4
0.6
0.8
1.0
β_IV

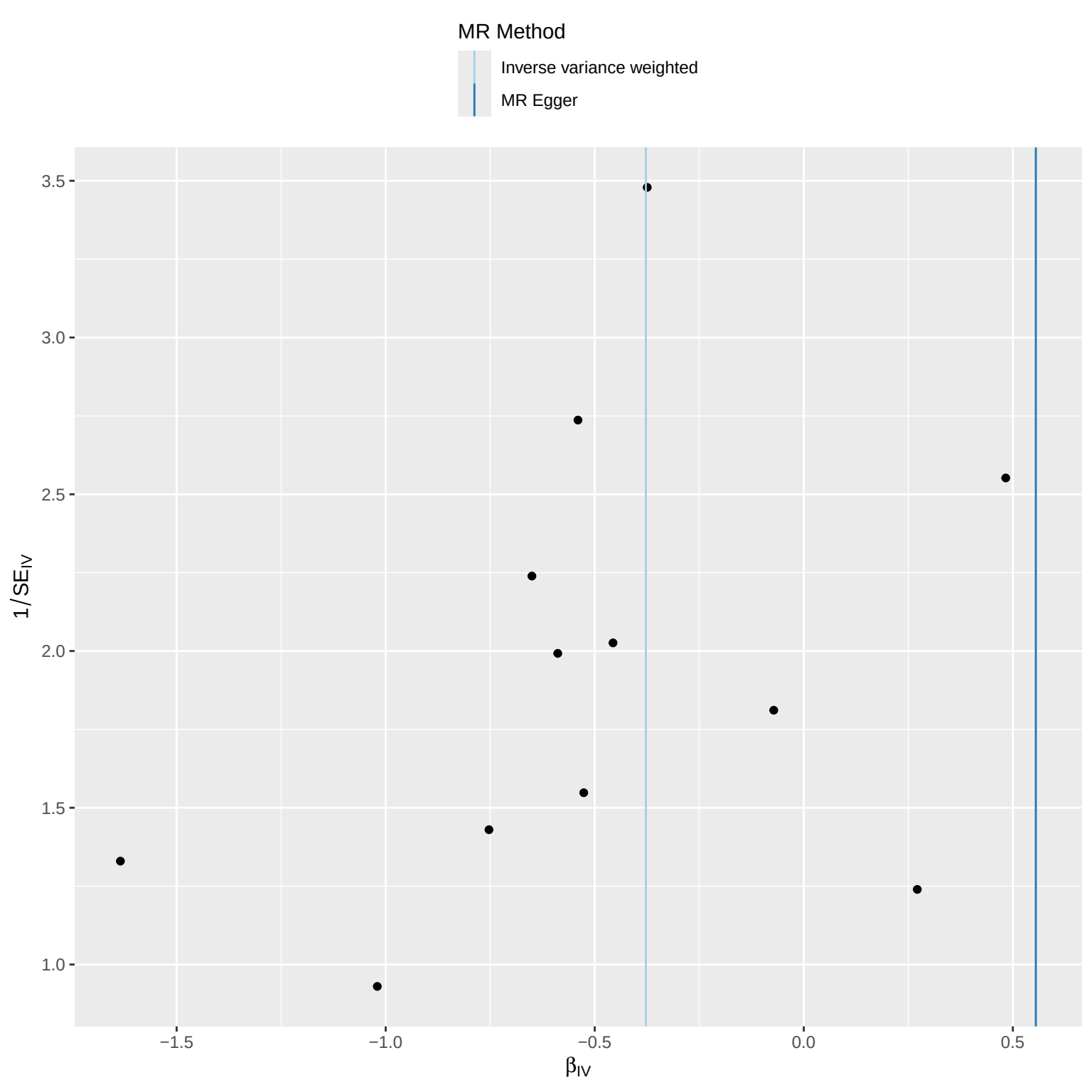

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−2
−1
0
1
β_IV

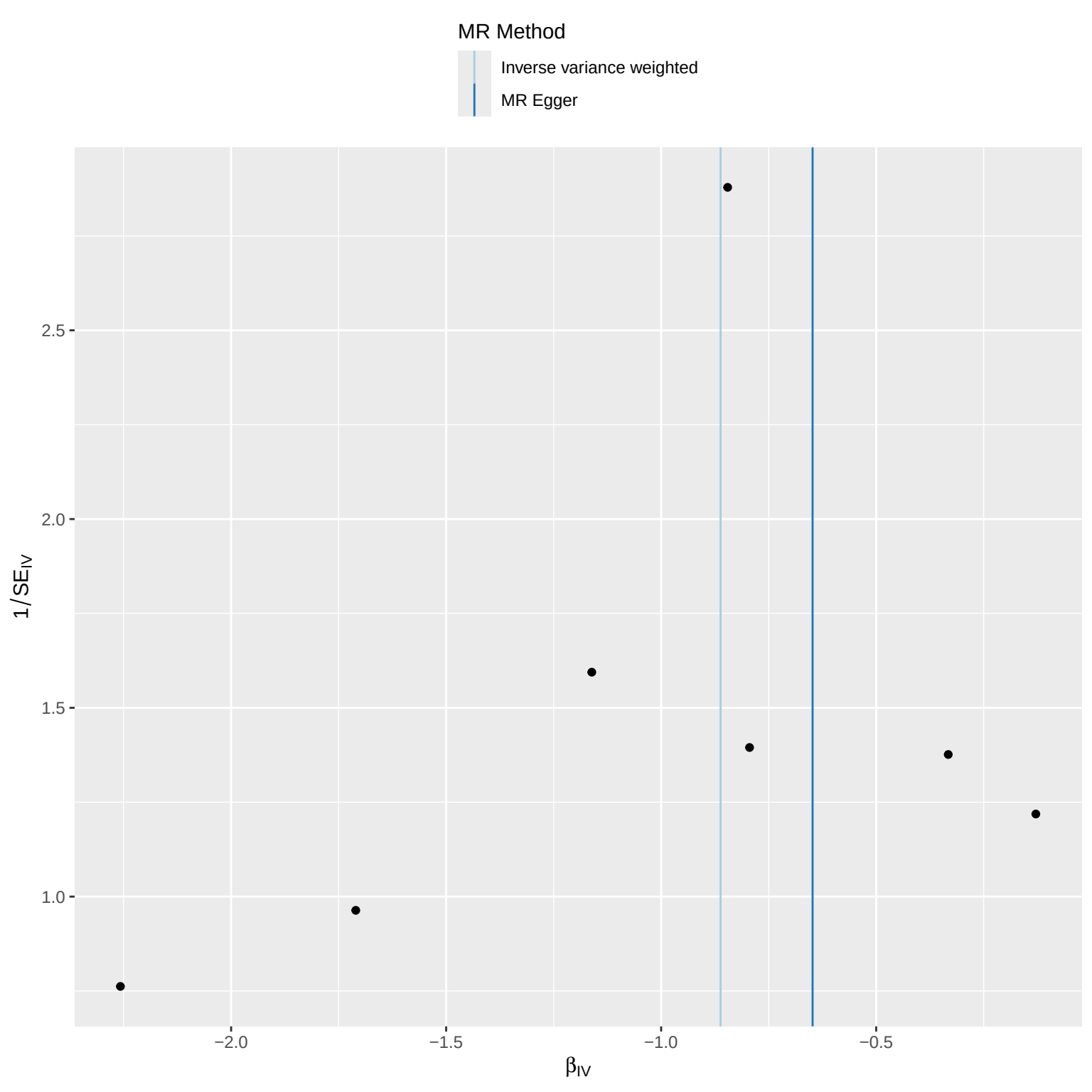

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

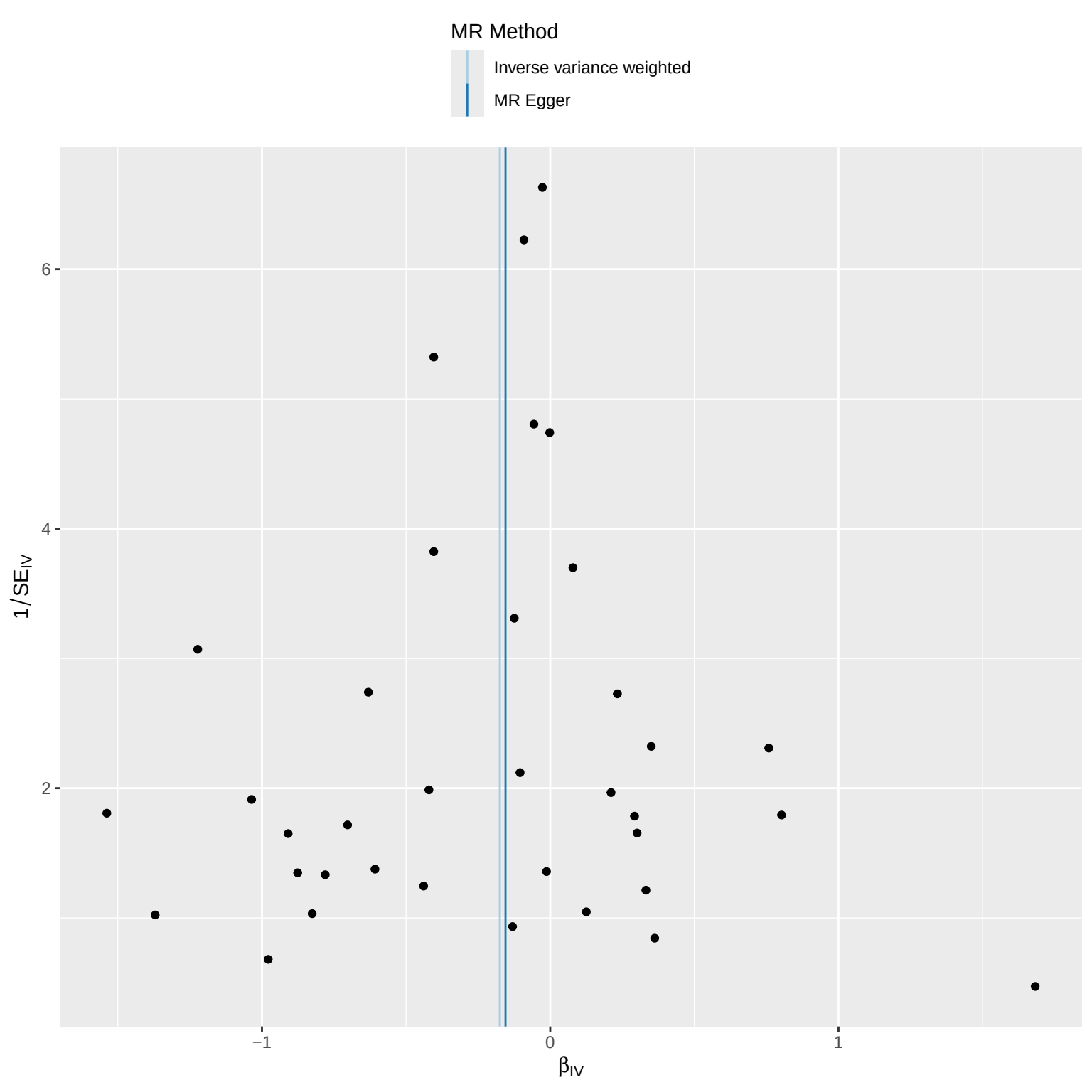

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

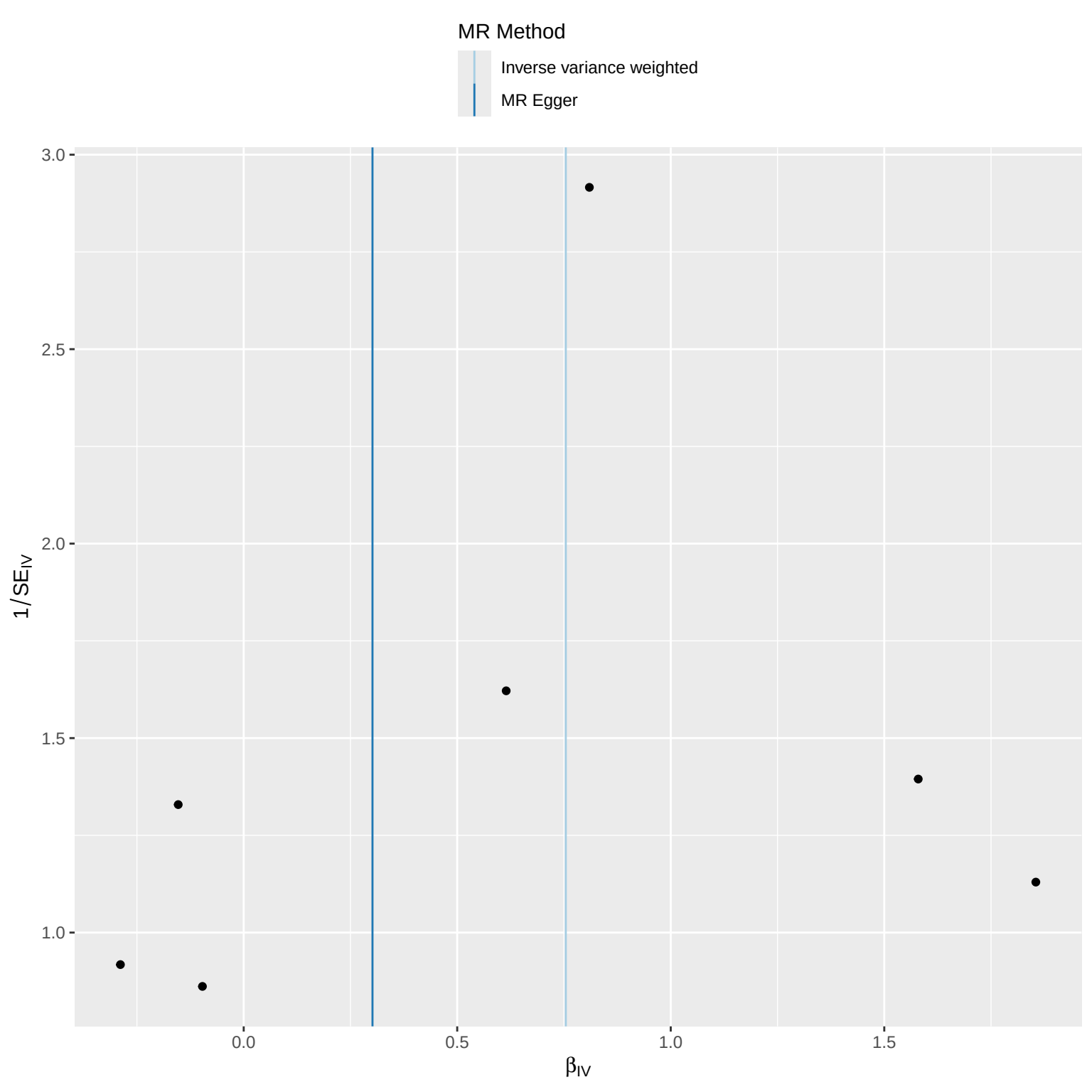

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

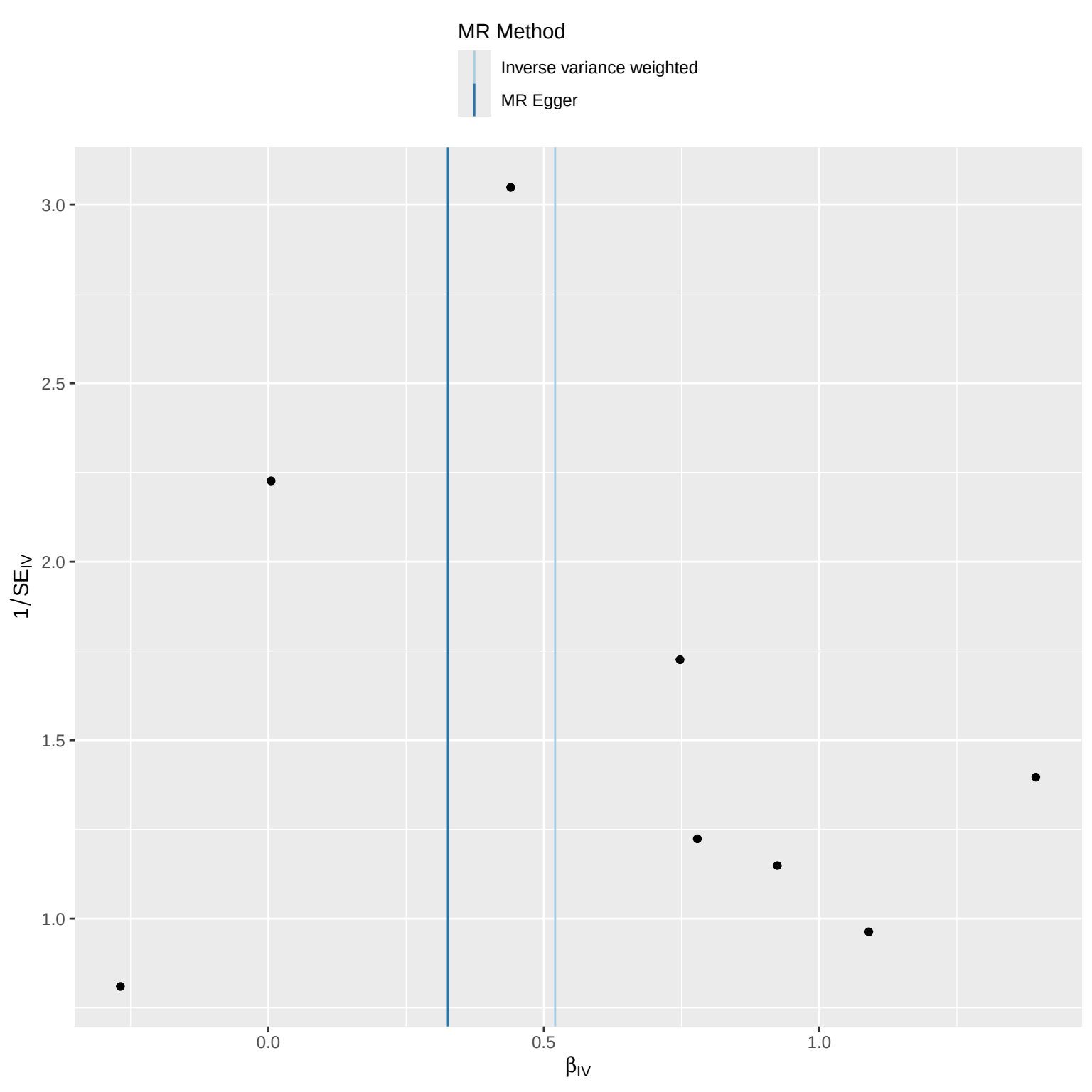

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

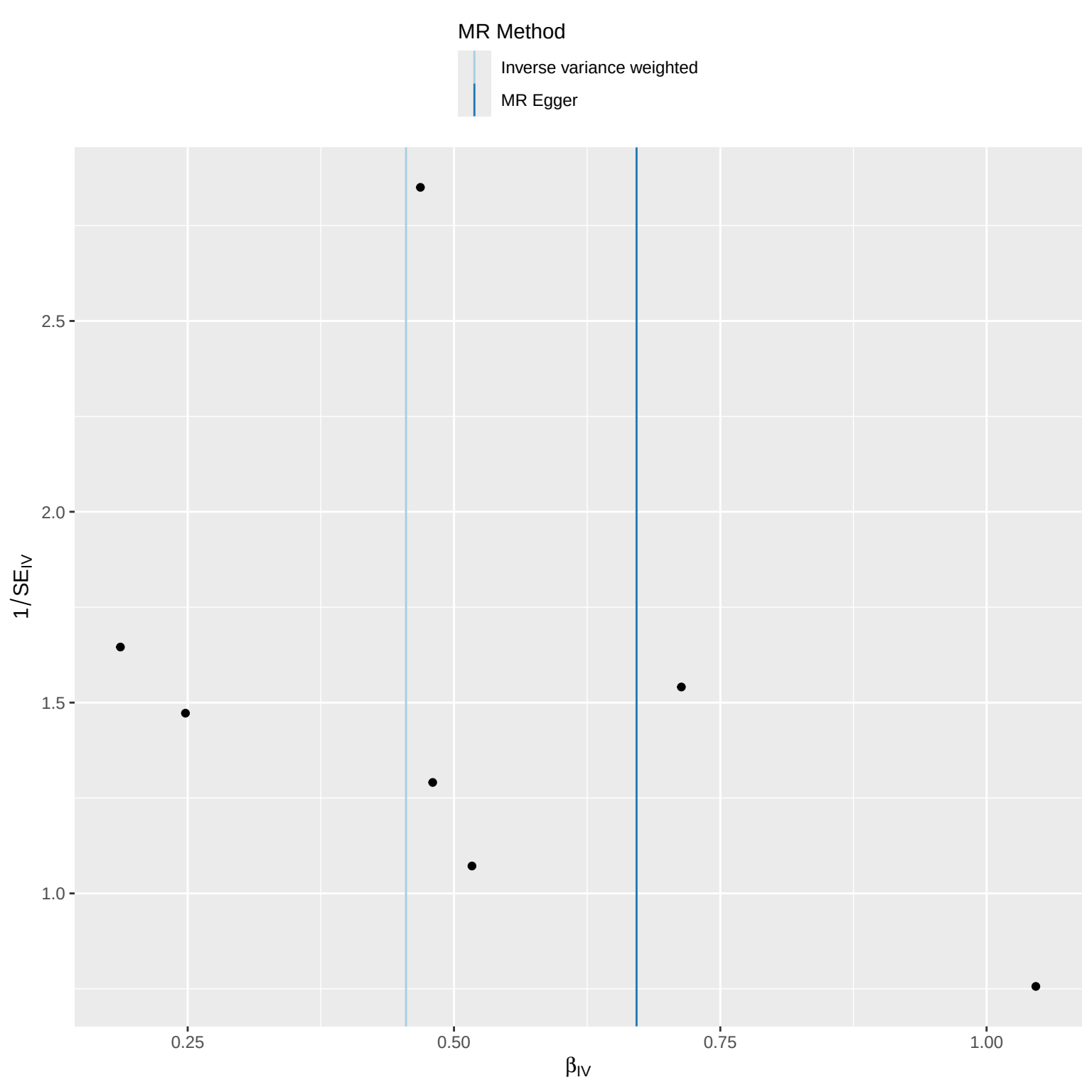

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

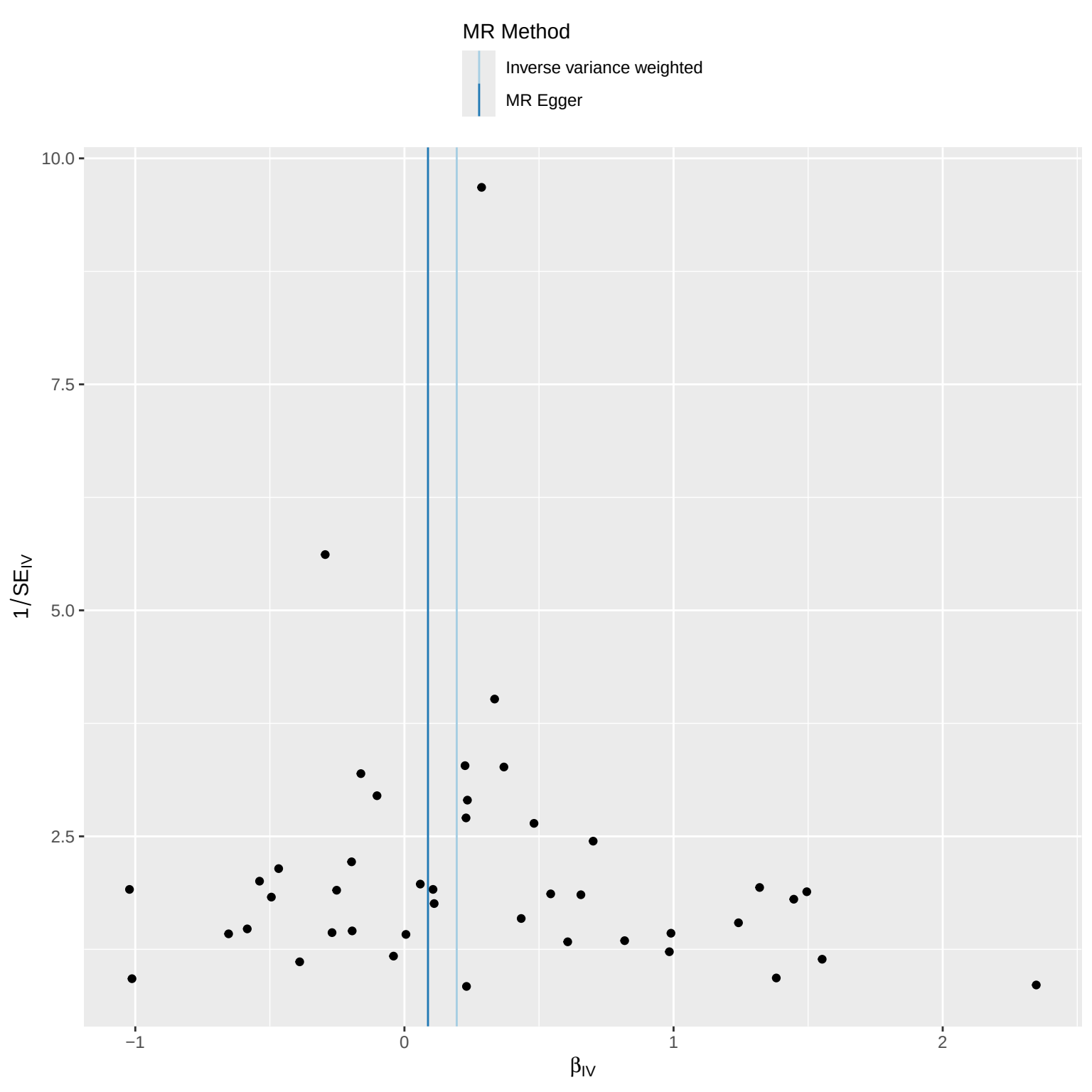

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

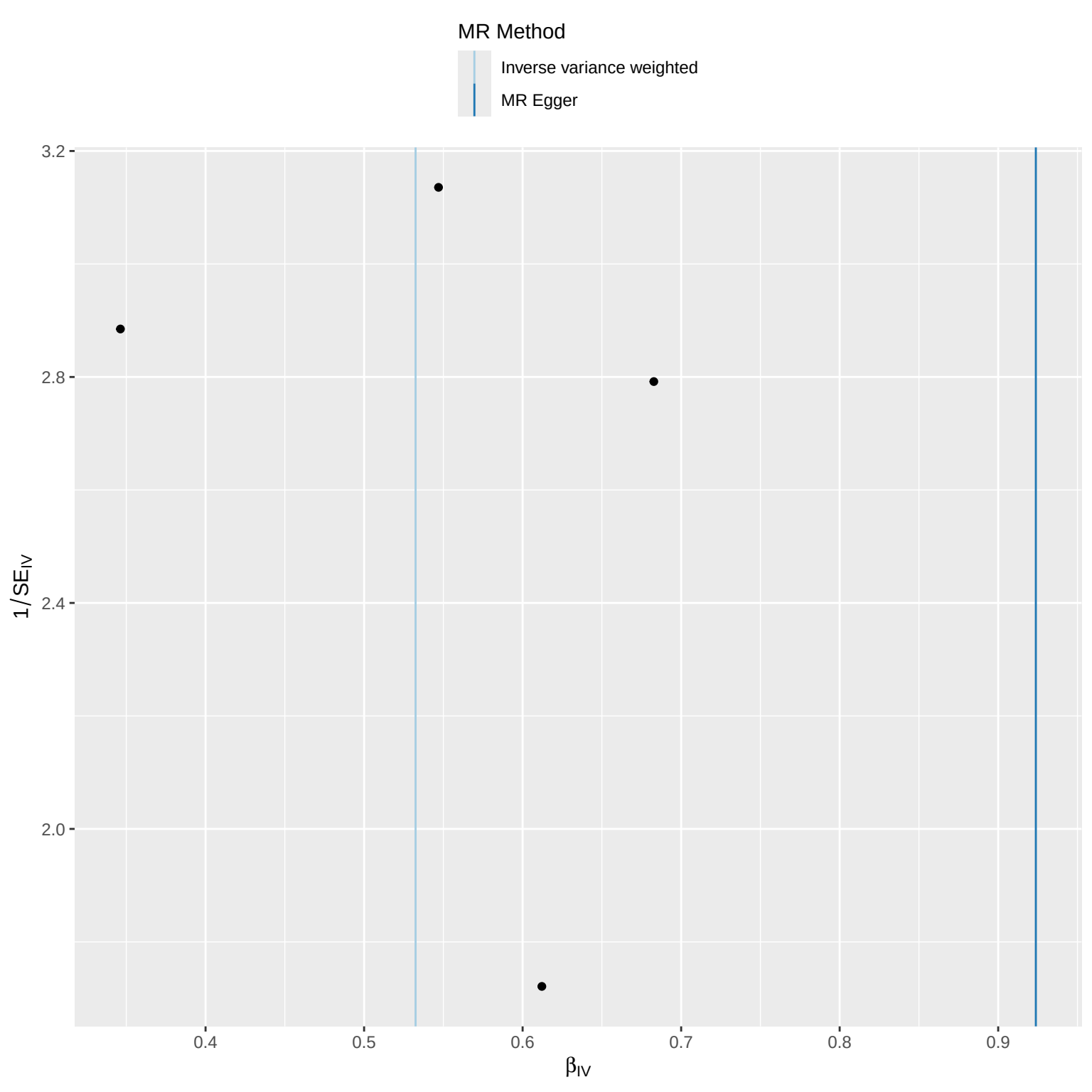

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

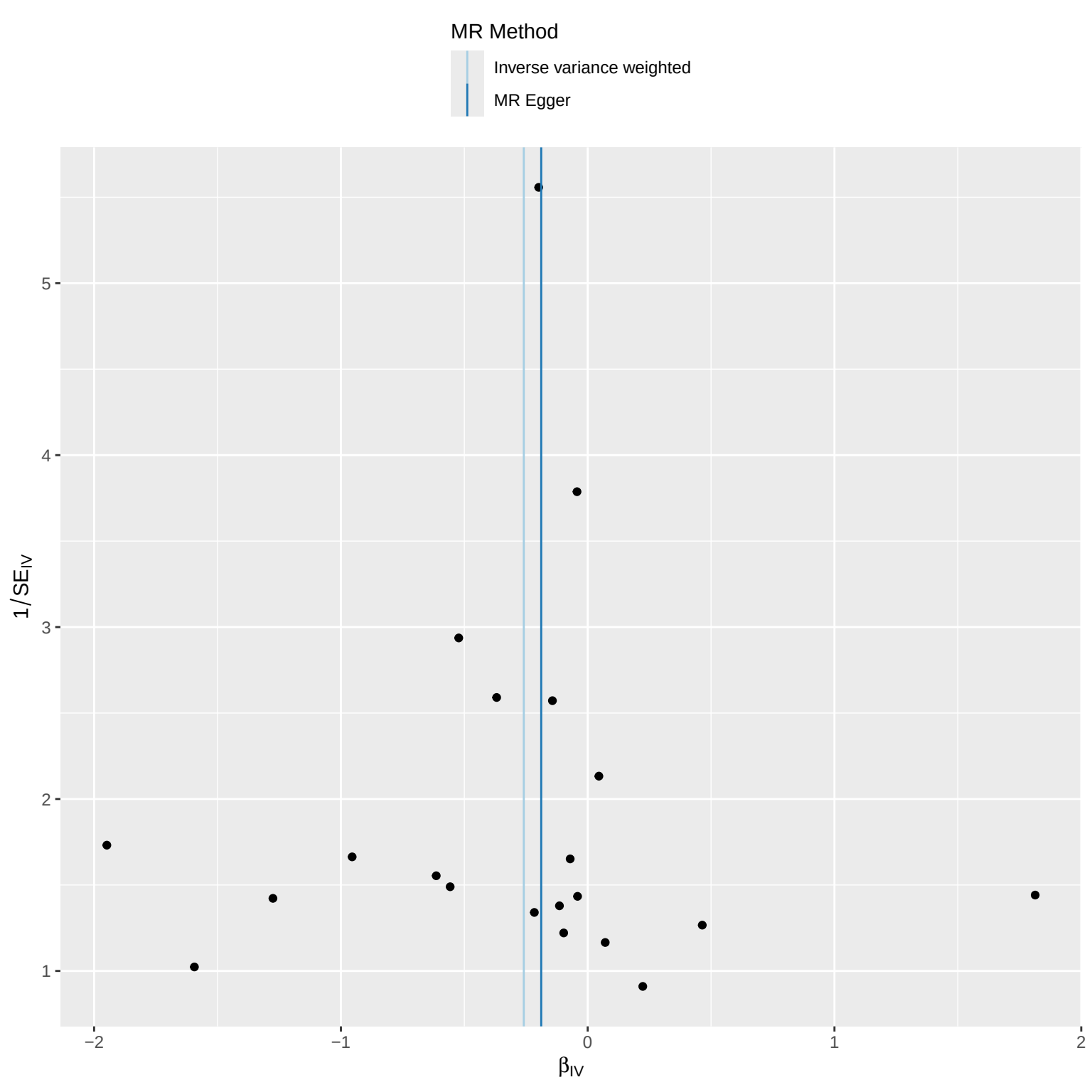

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

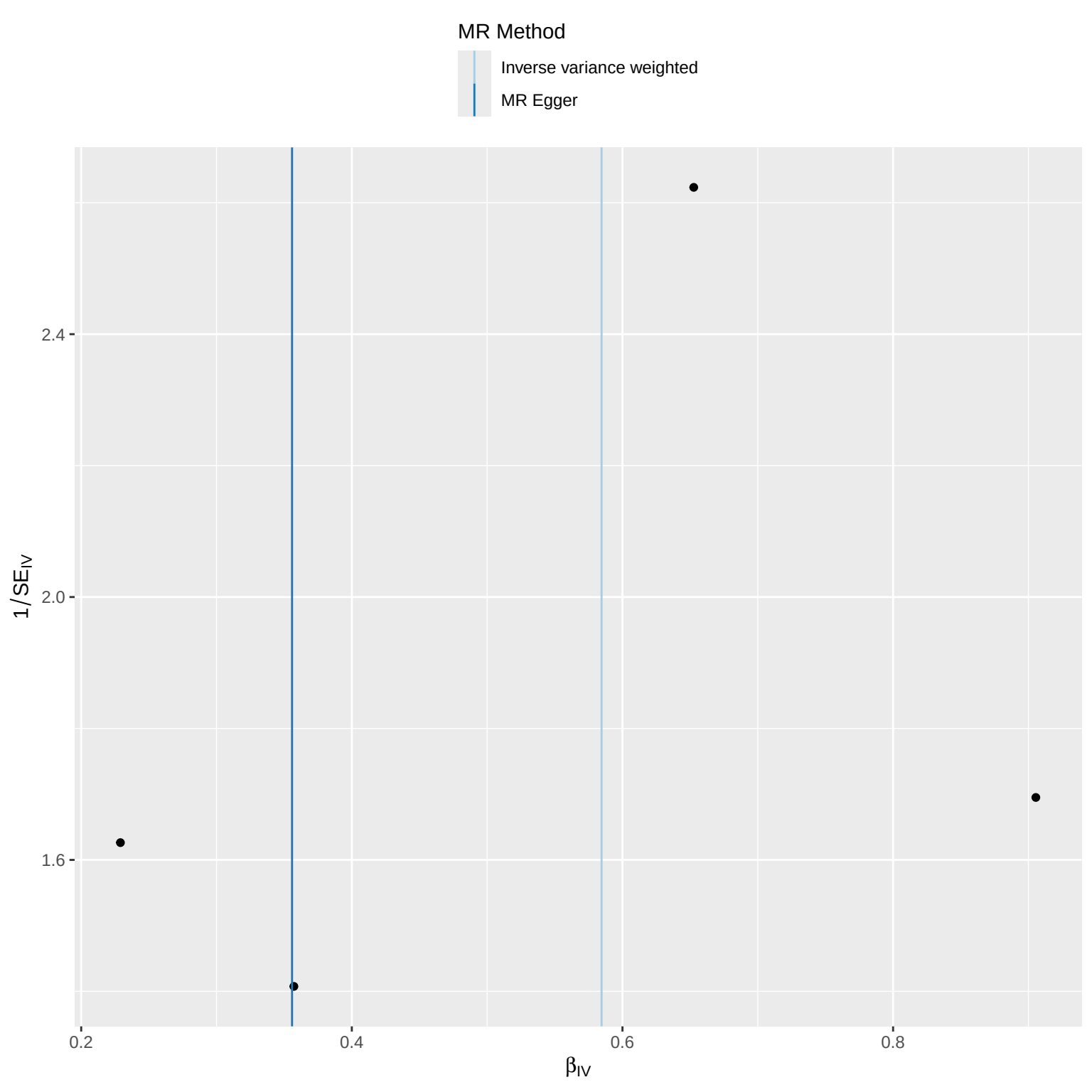

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
β_IV

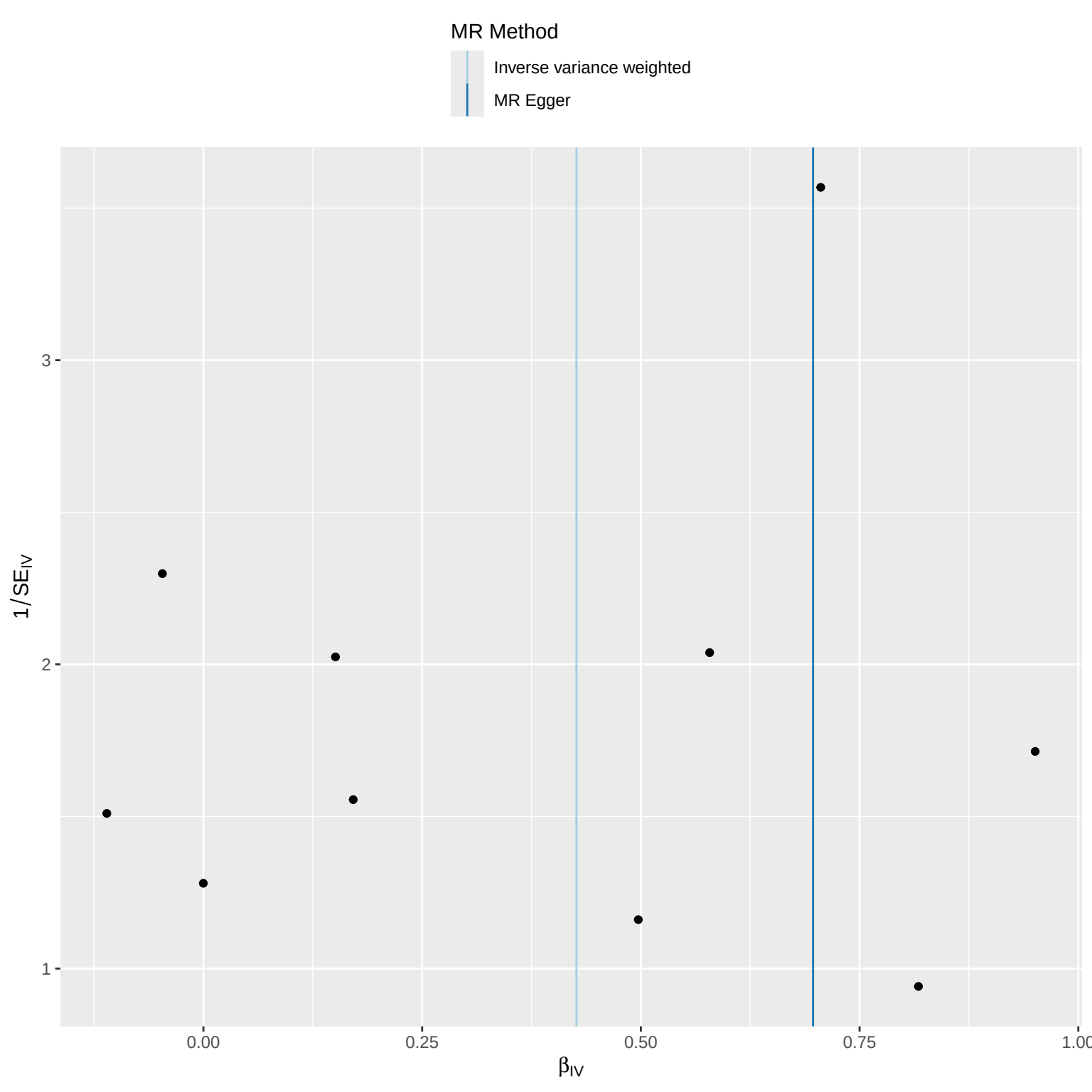

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.25
0.50
0.75
1.00
β_IV

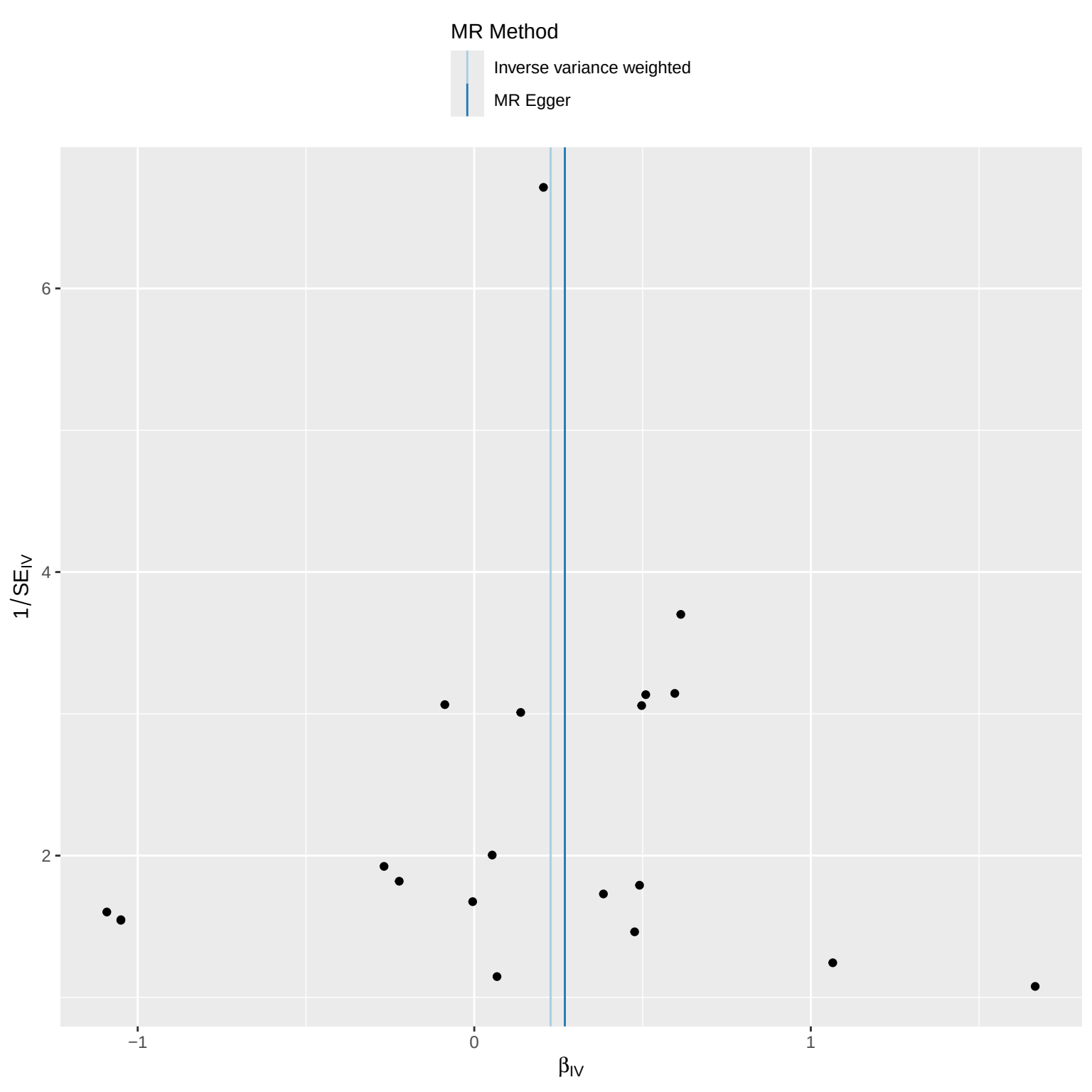

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

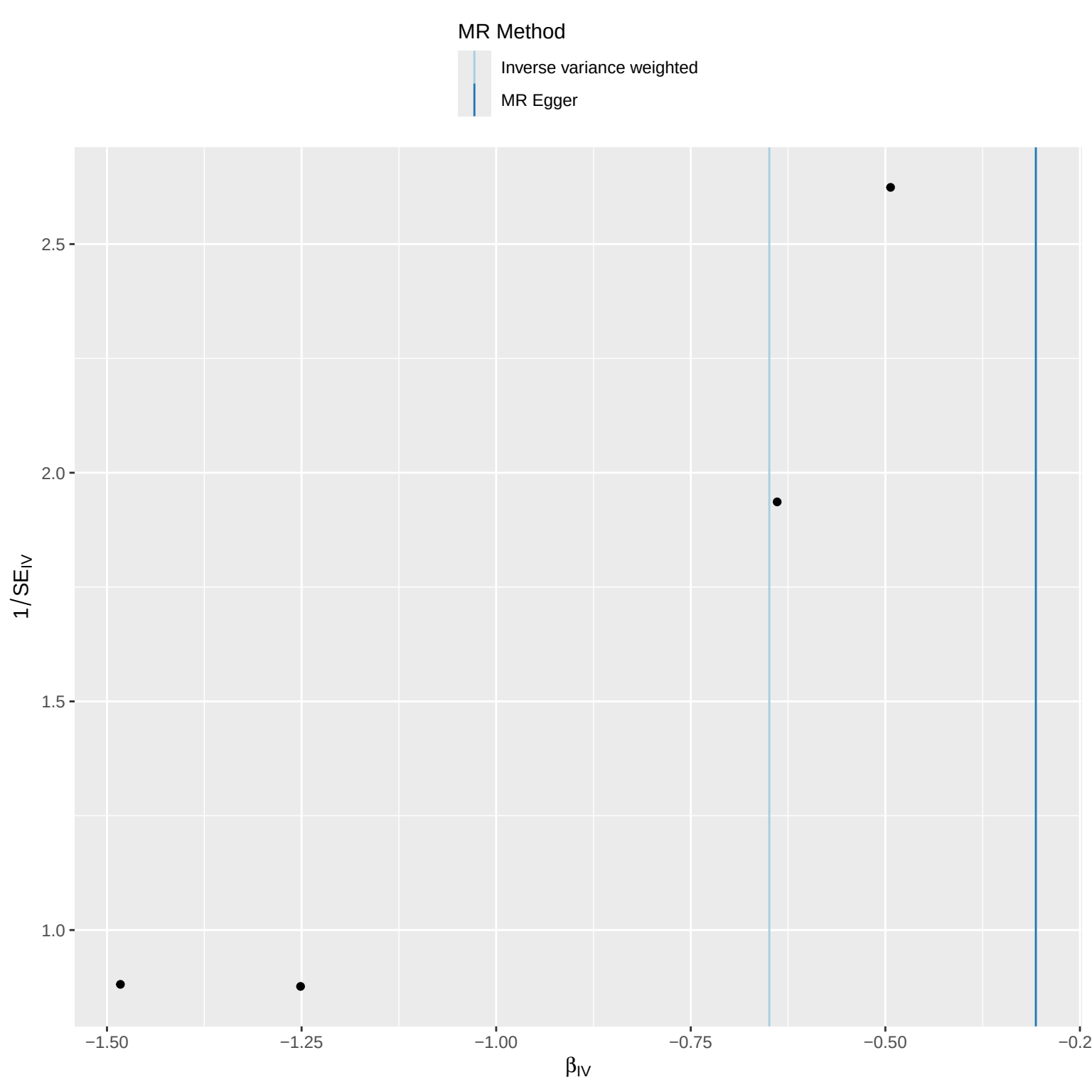

MR Method
Inverse variance weighted
MR Egger
3.2
2.8
2.4
2.0
1/SE_IV
0.4
0.5
0.6
0.7
0.8
0.9
β_IV

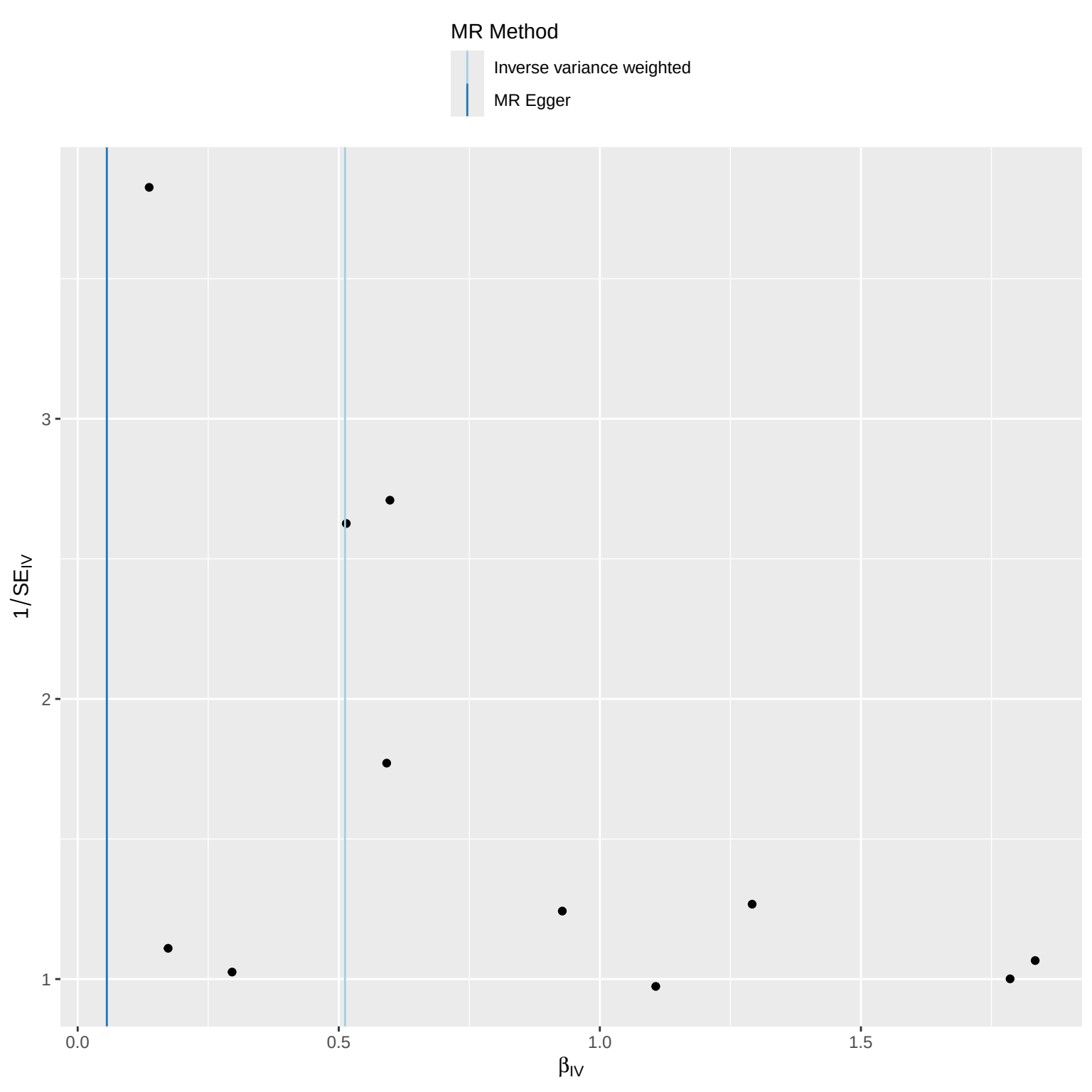

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−2
−1
0
1
2
β_IV

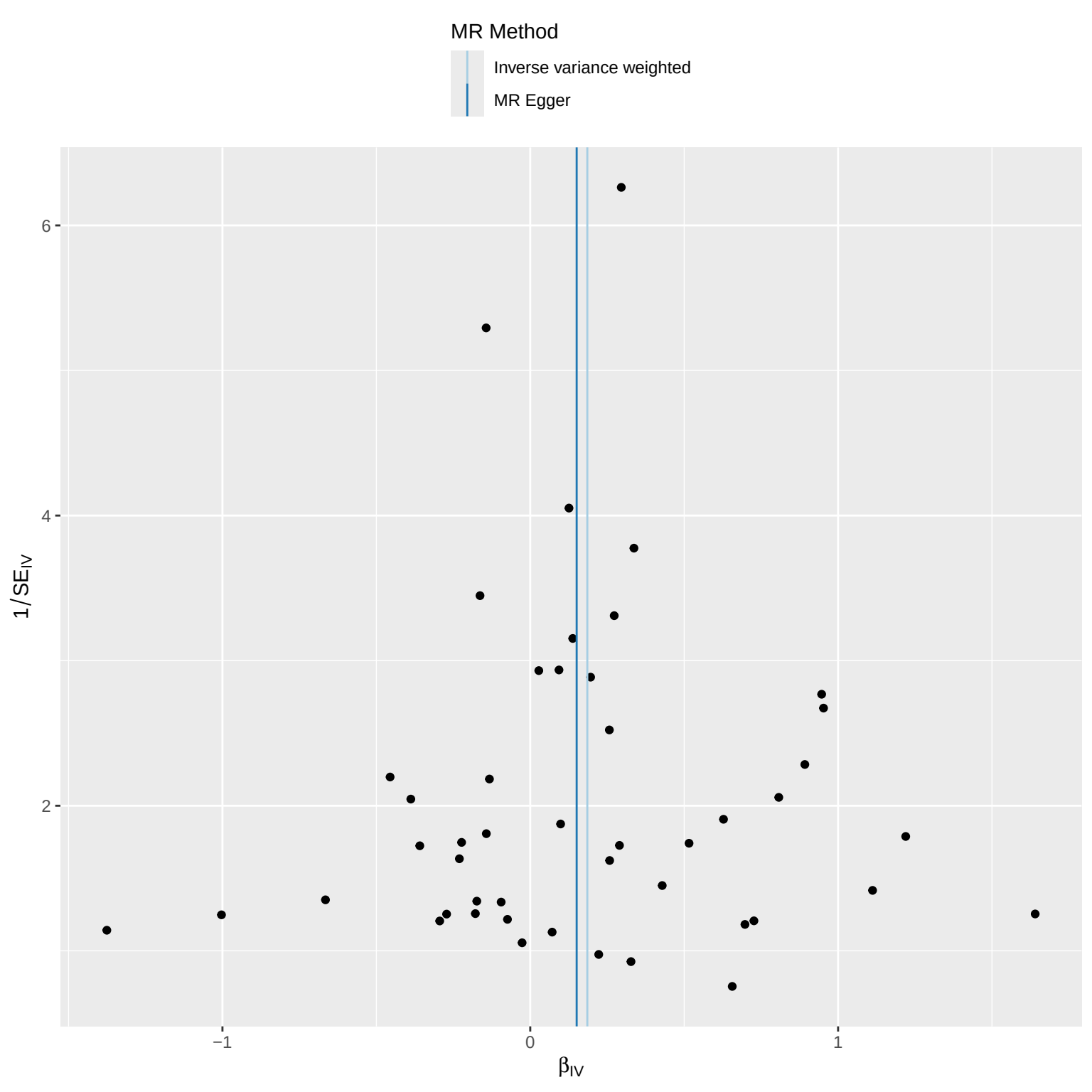

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1/SE_IV
0.2
0.4
0.6
0.8
β_IV

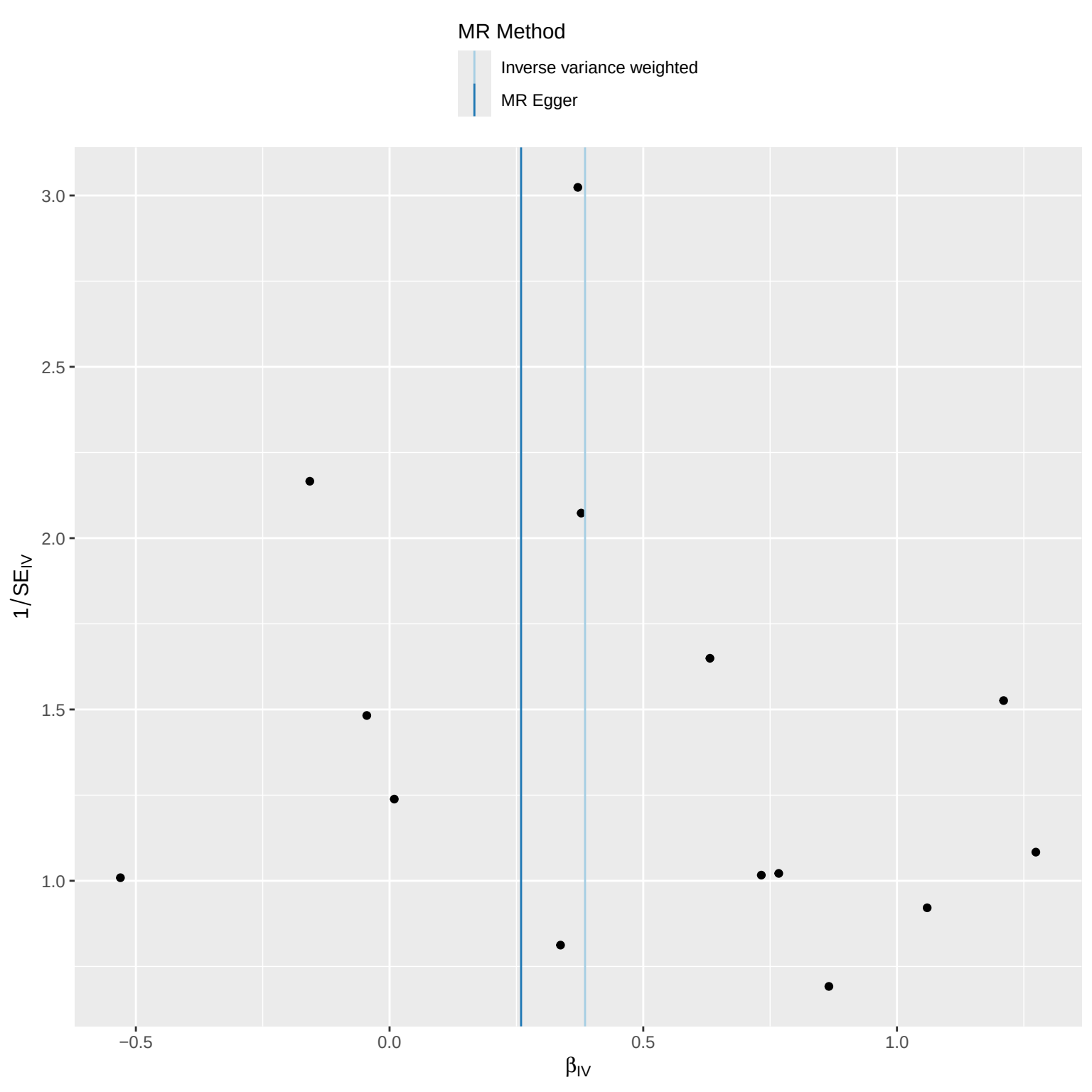

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.00
0.25
0.50
0.75
1.00
β_IV

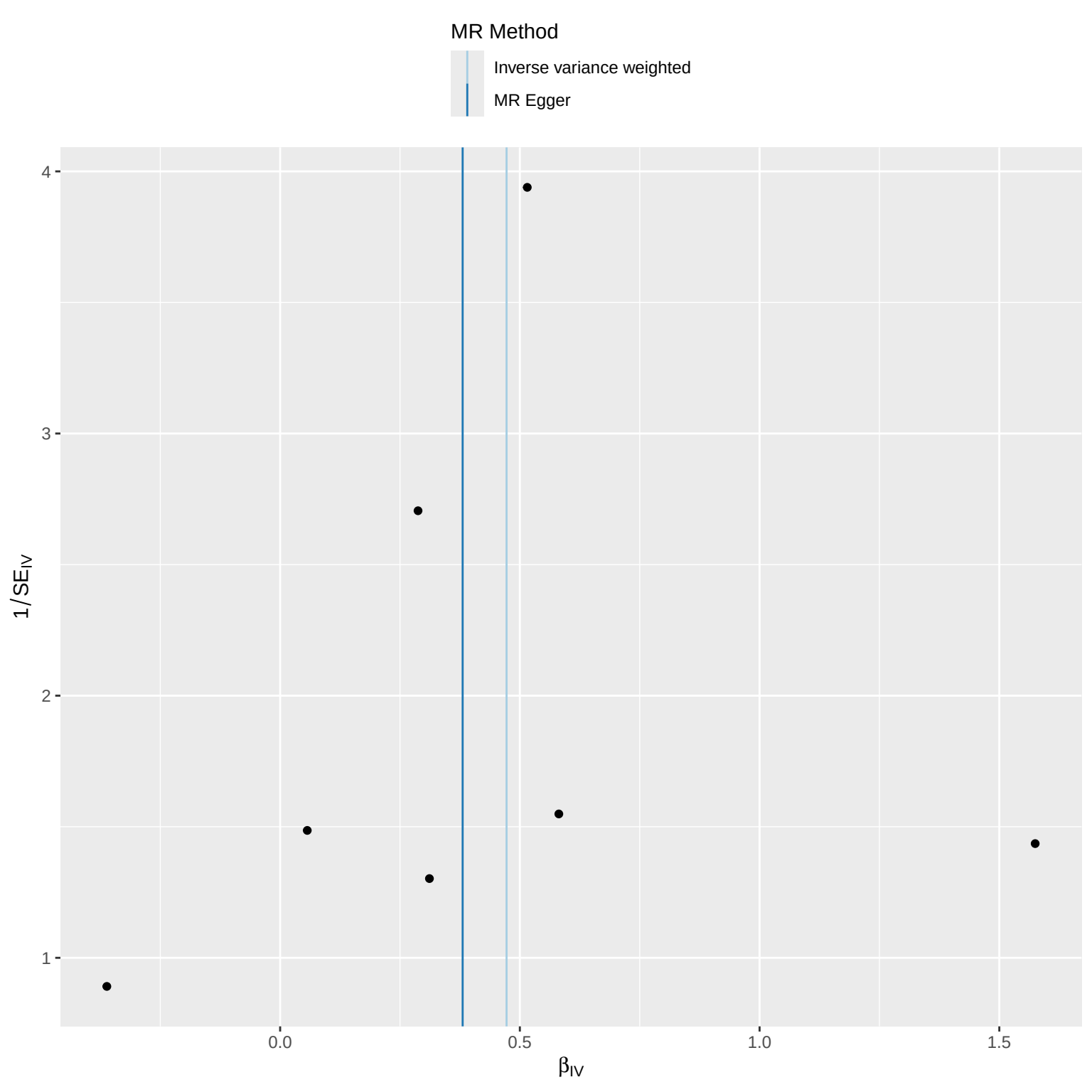

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

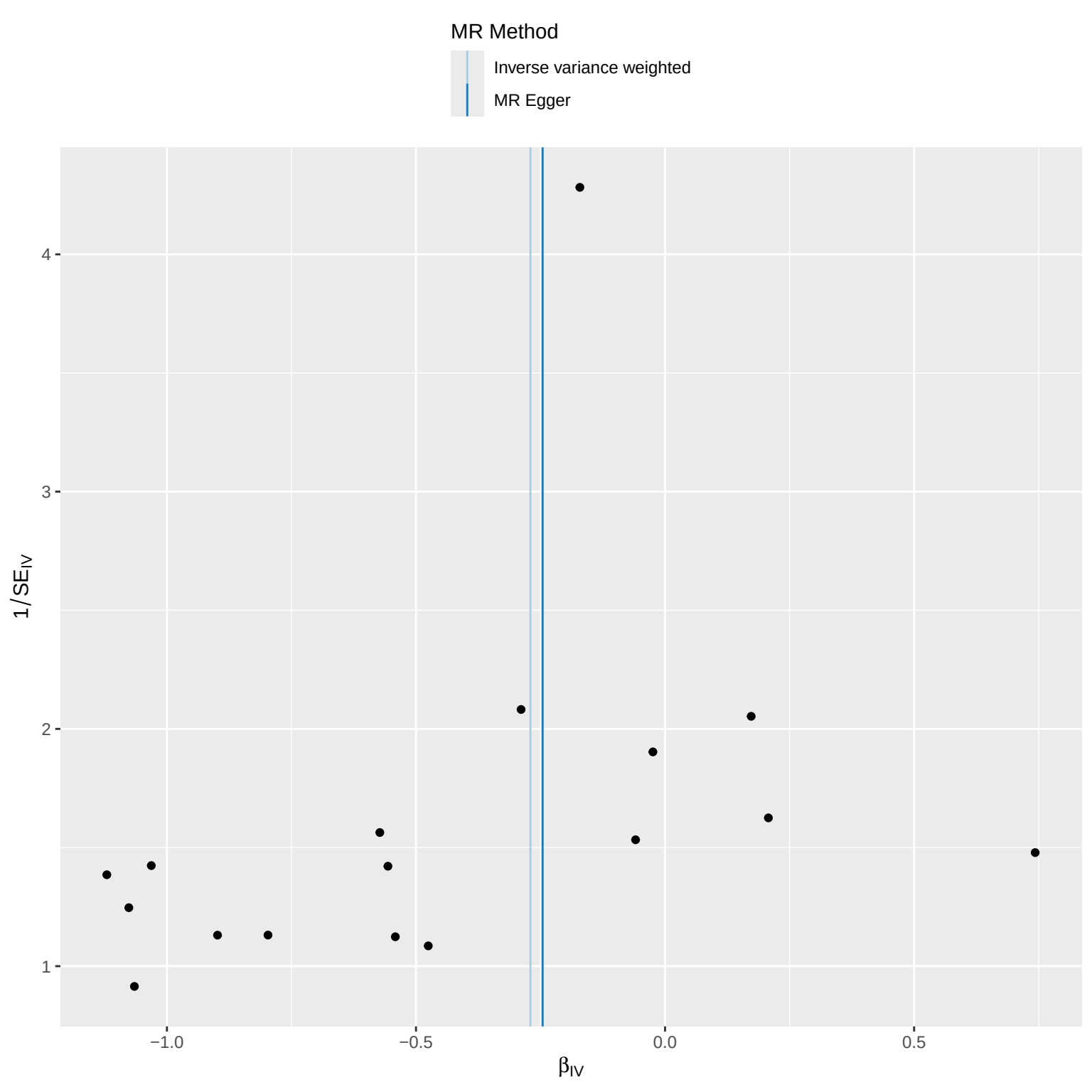

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.50
−1.25
−1.00
−0.75
−0.50
−0.2
β_IV

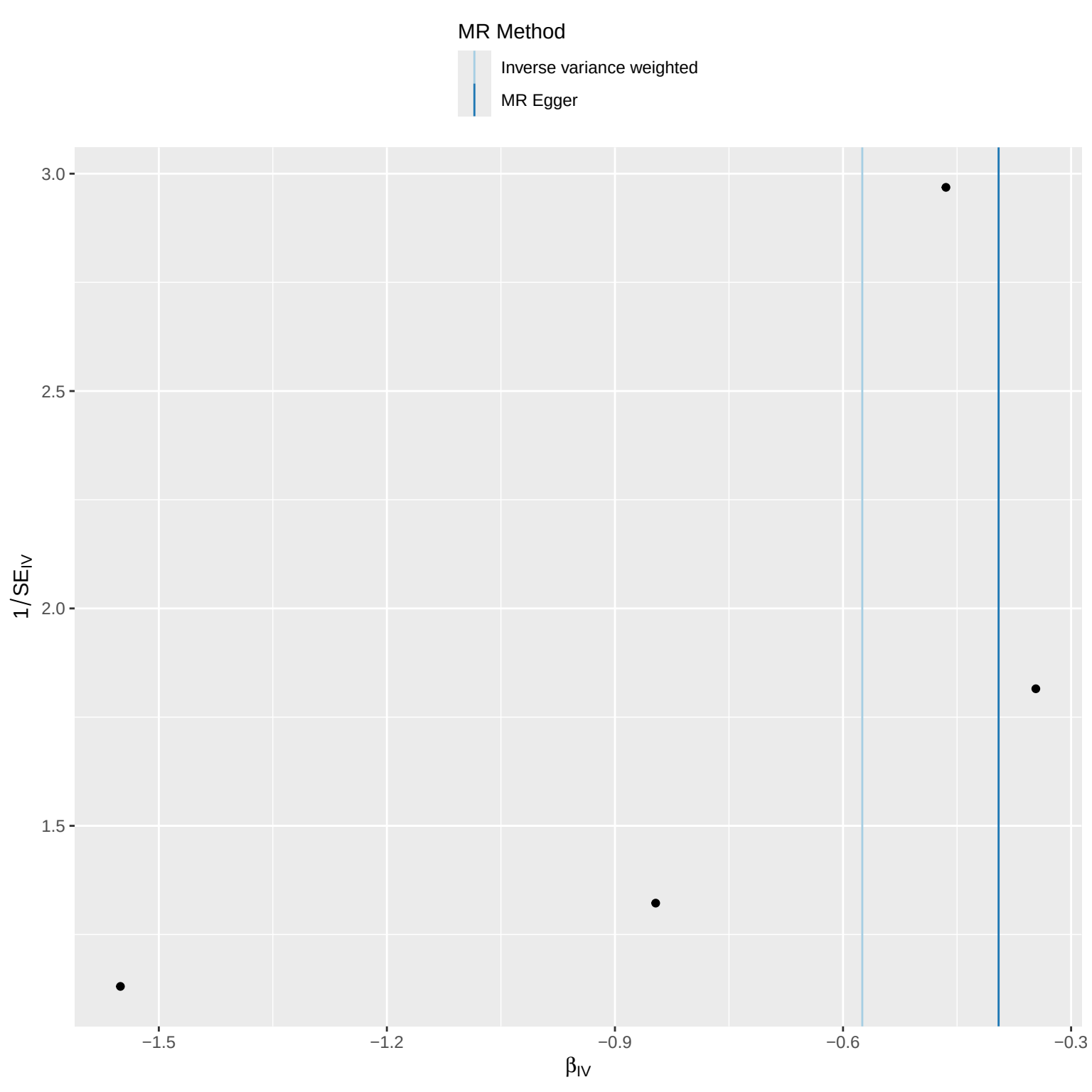

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

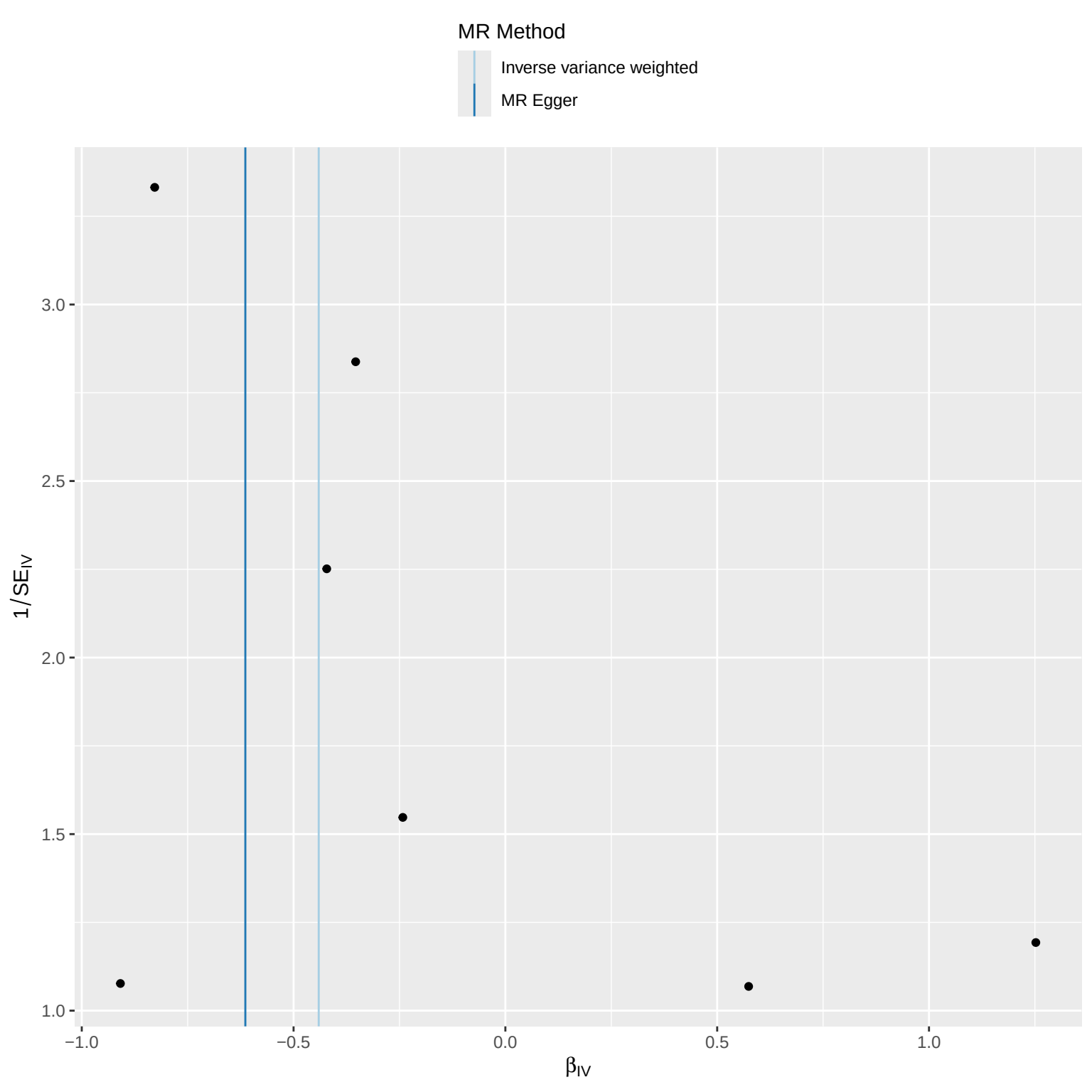

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

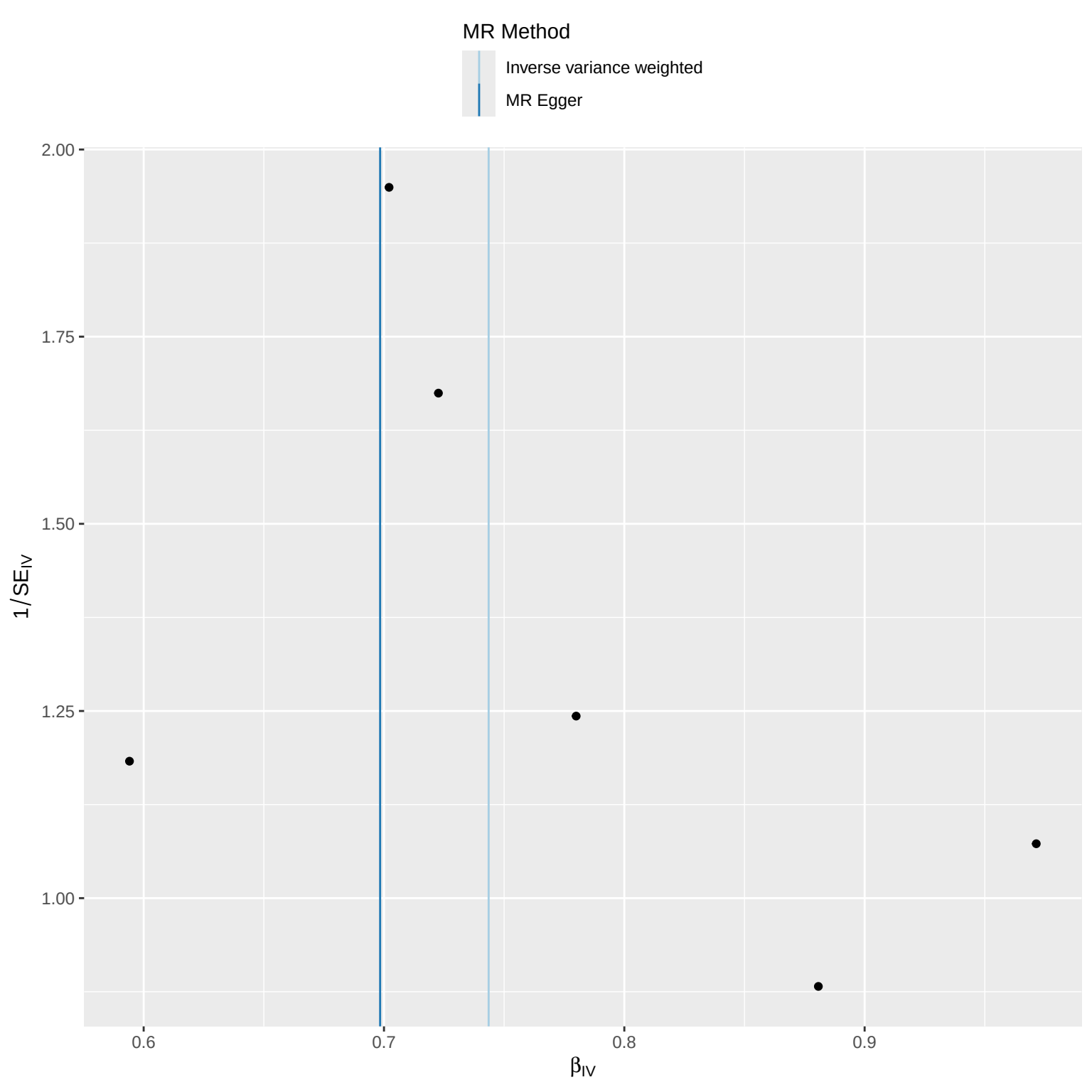

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

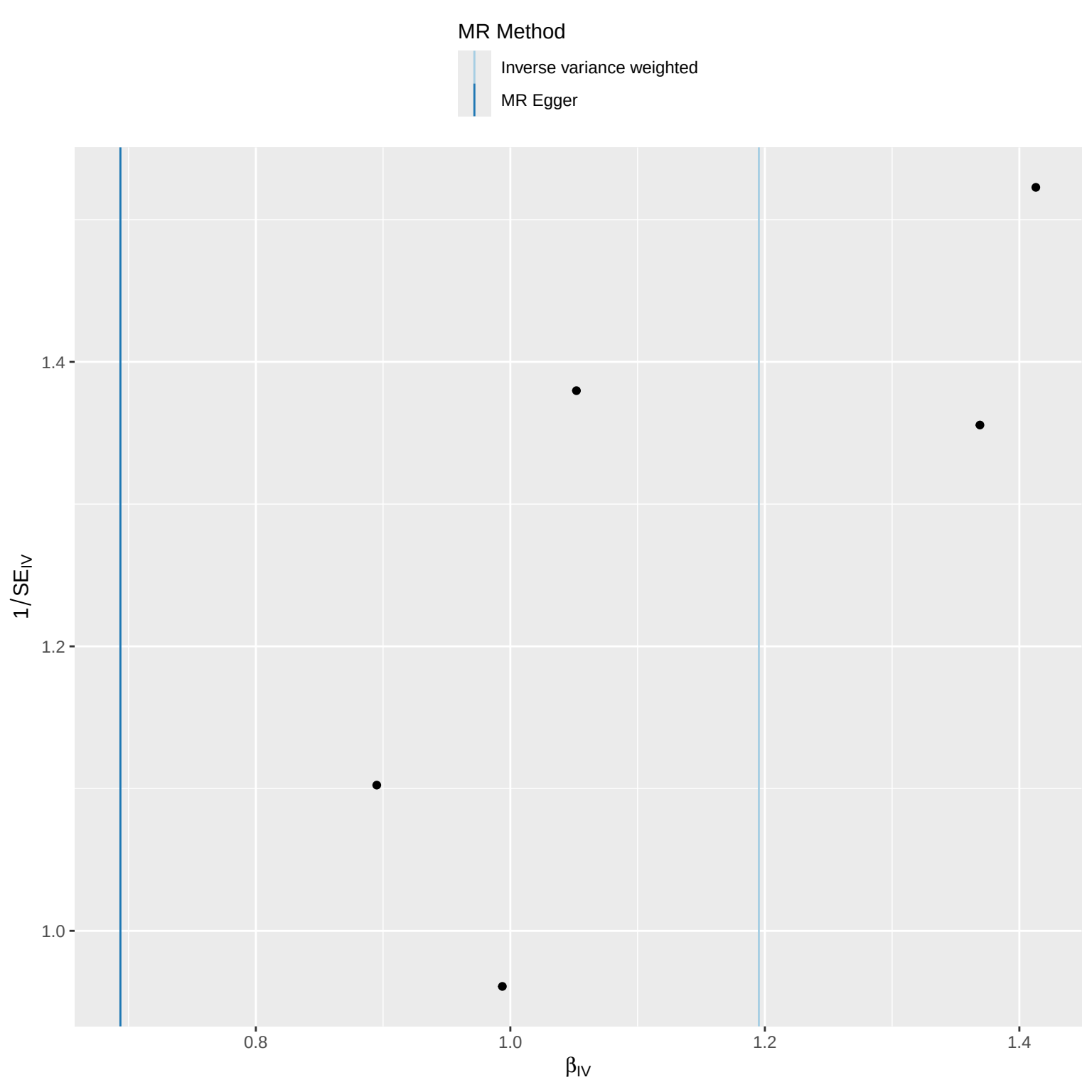

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

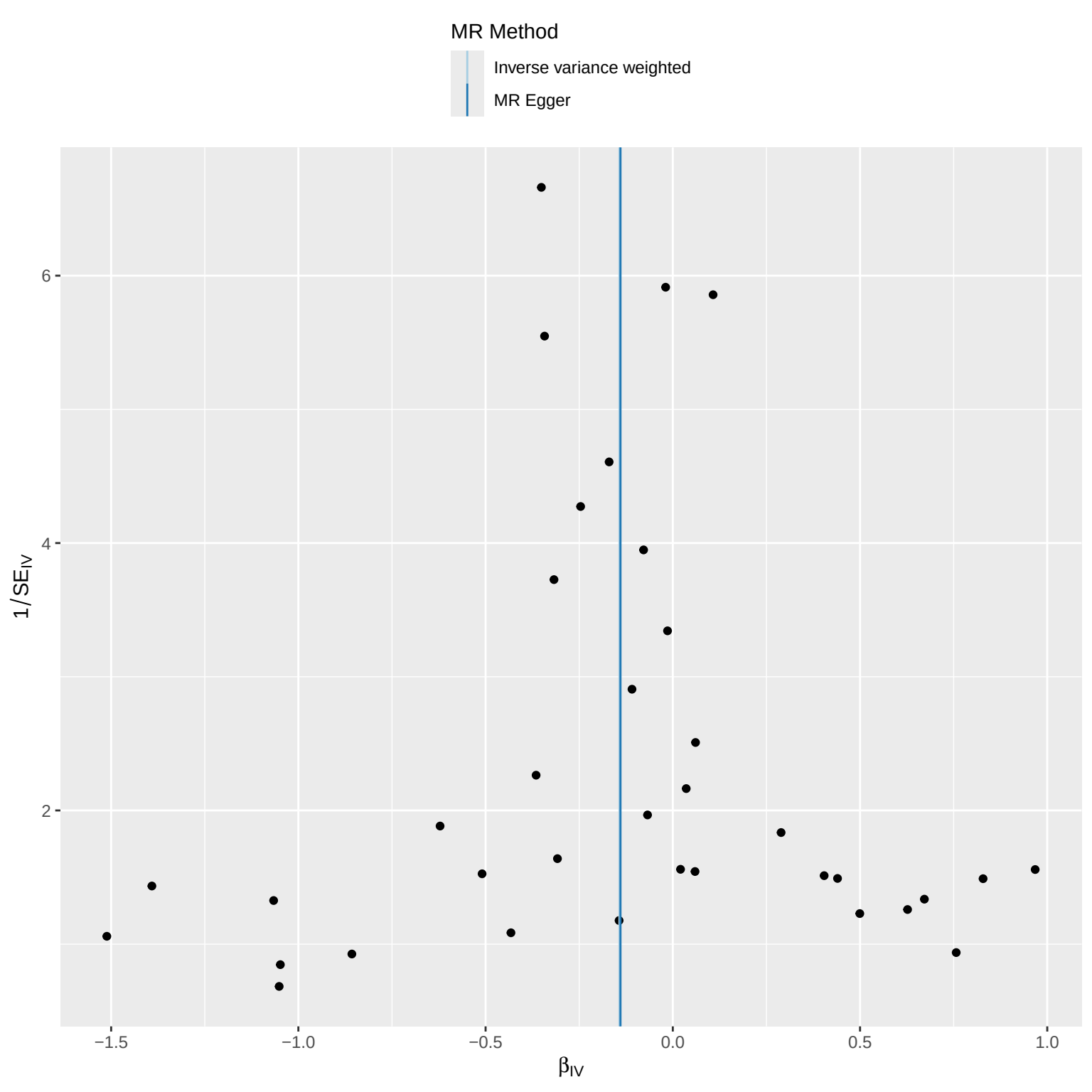

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

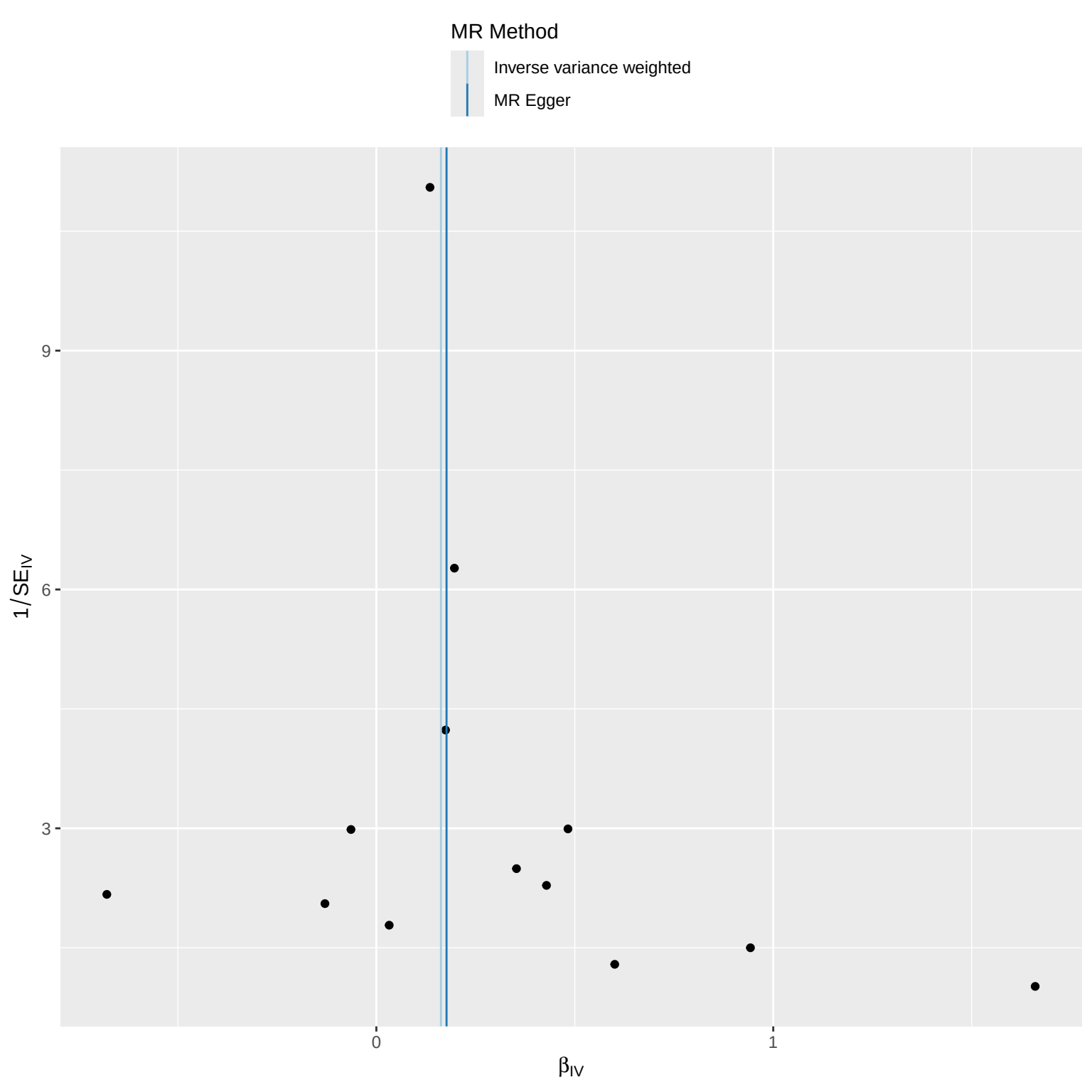

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.5
−1.2
−0.9
−0.6
−0.3
β_IV

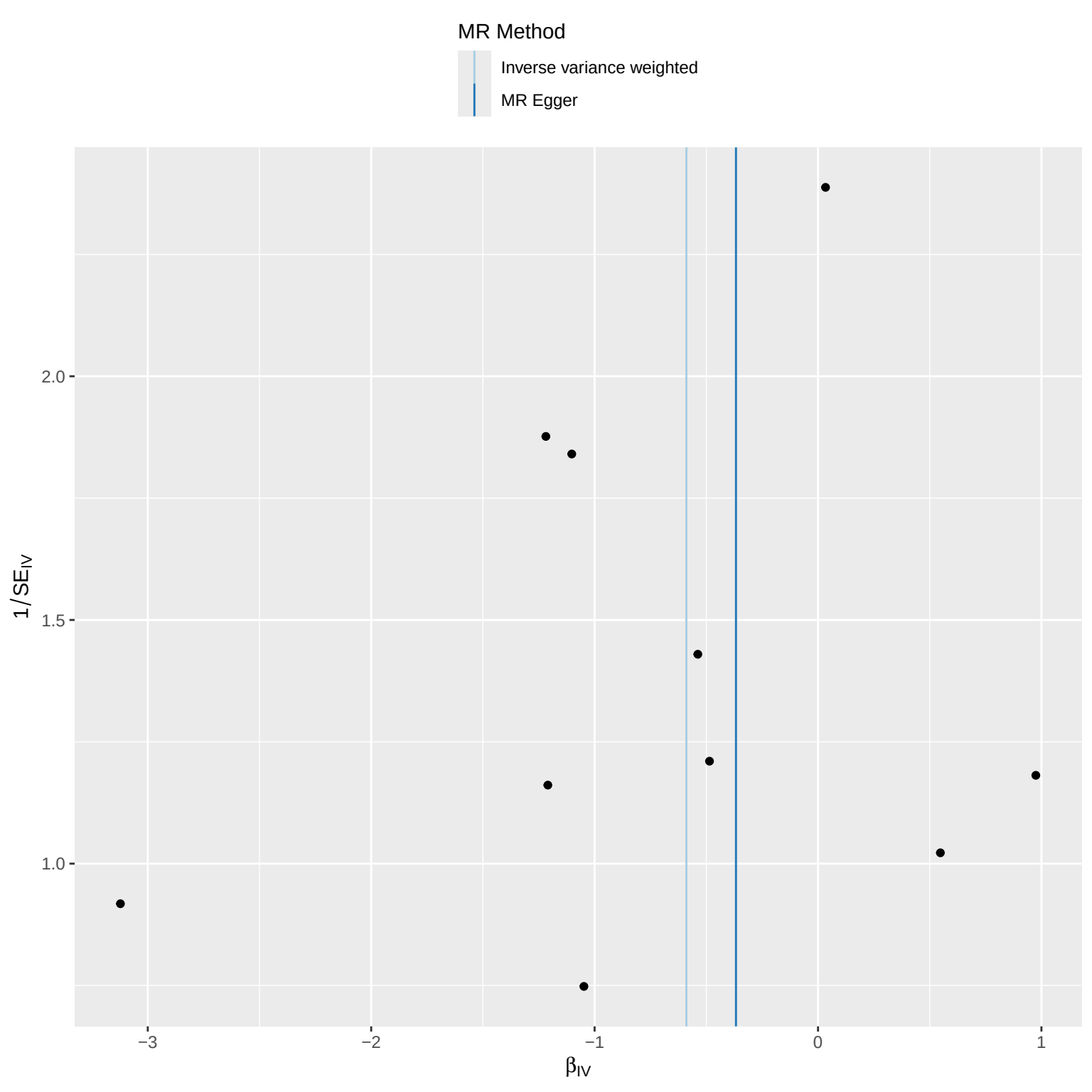

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

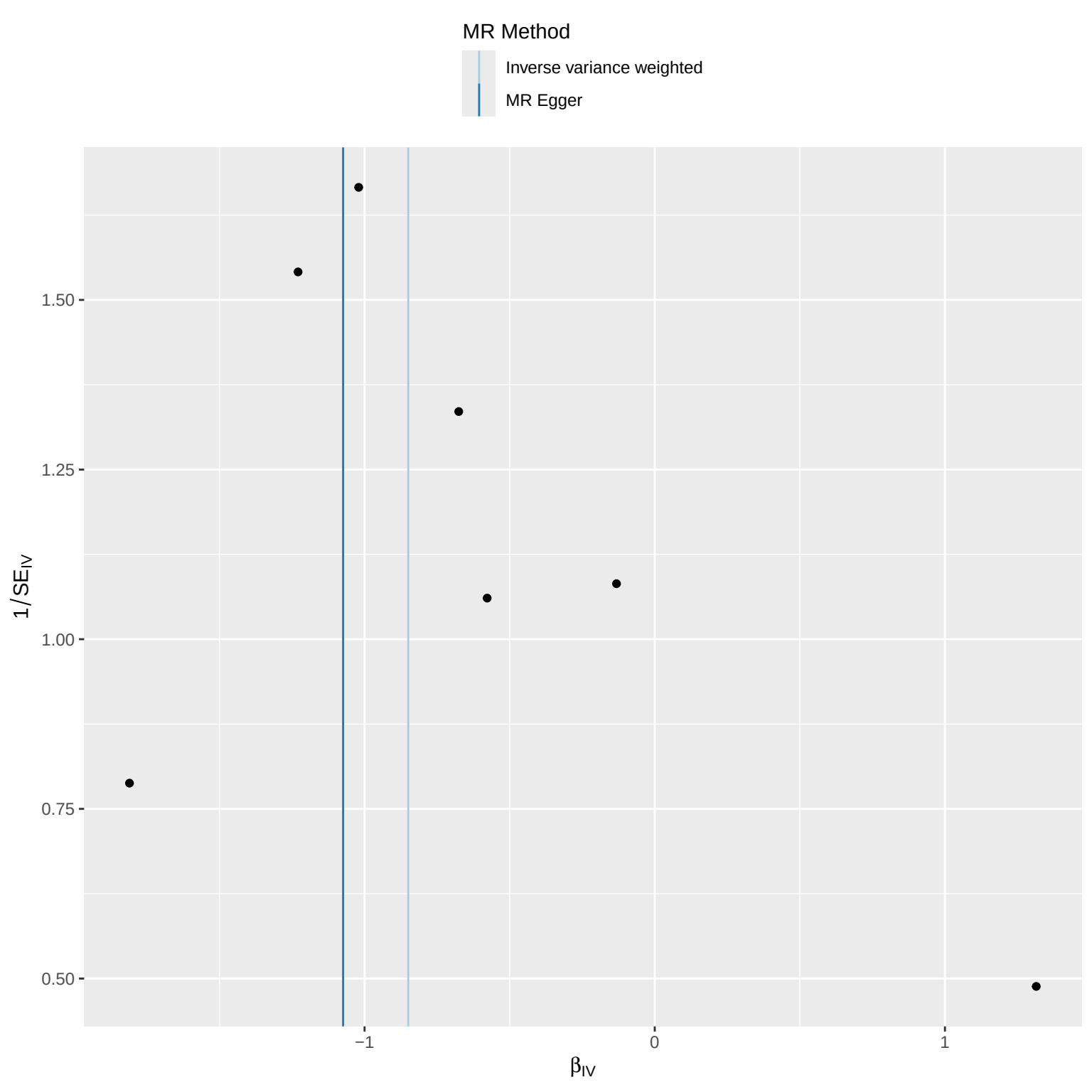

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
0.6
0.7
0.8
0.9
β_IV

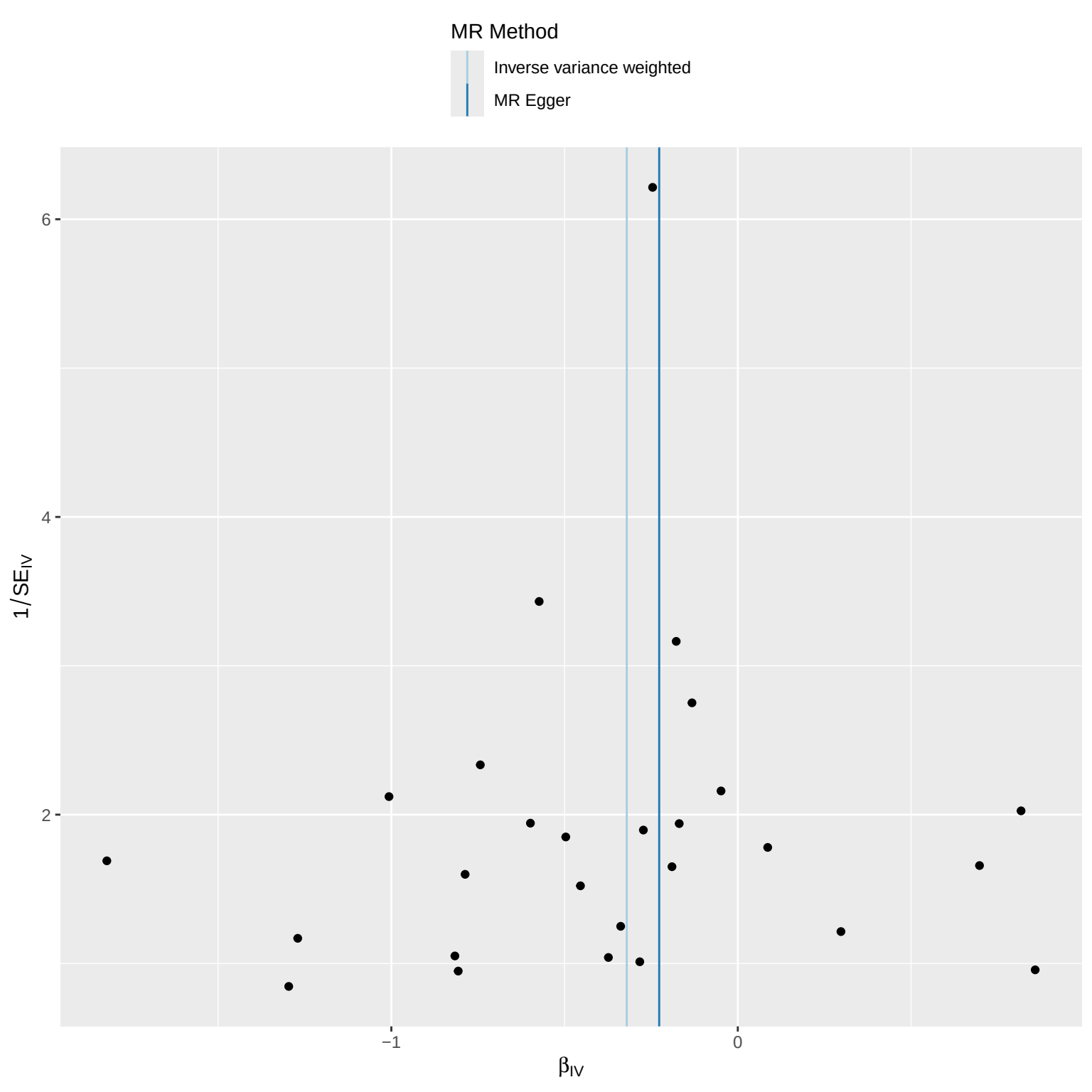

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
1/SE_IV
0.8
1.0
1.2
1.4
β_IV

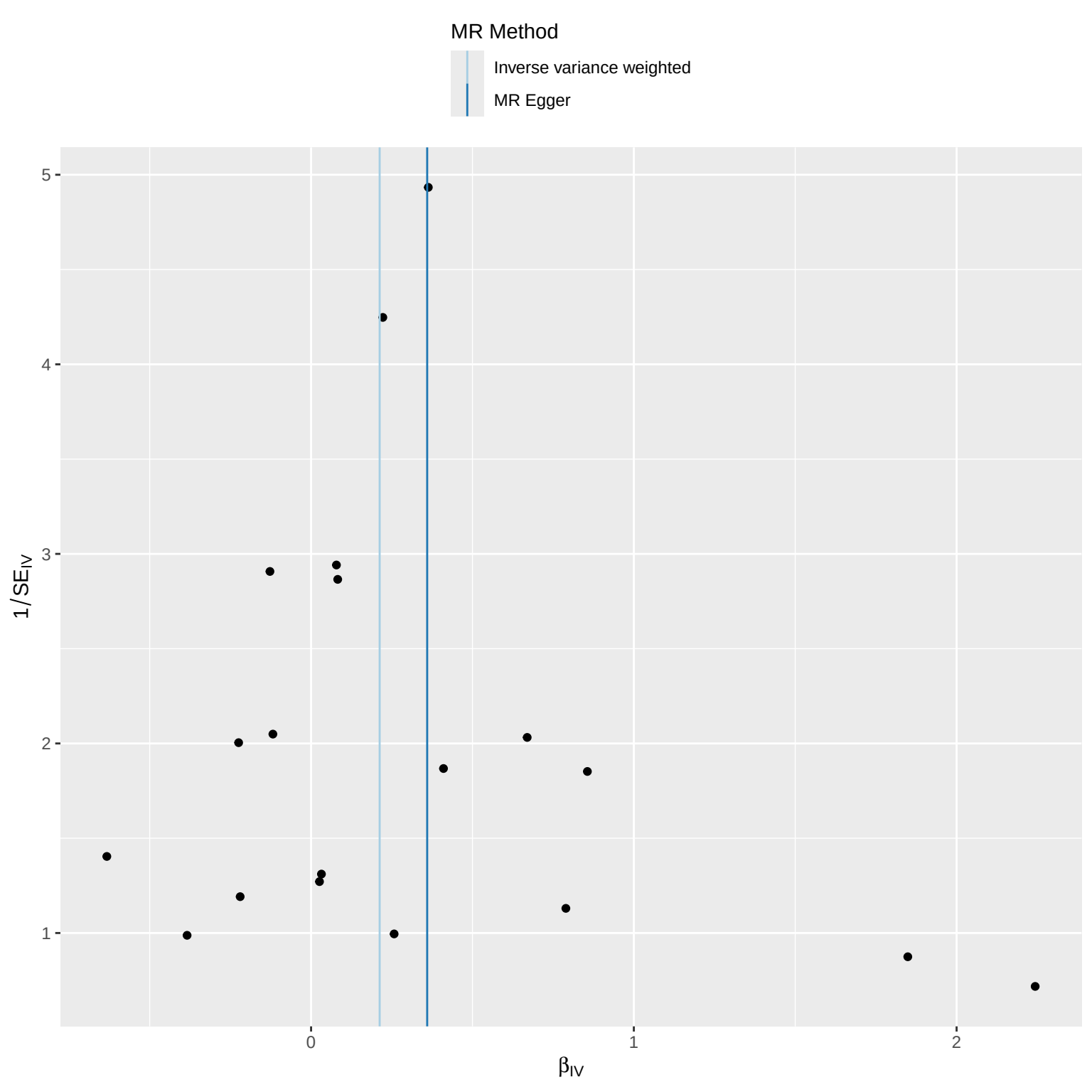

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

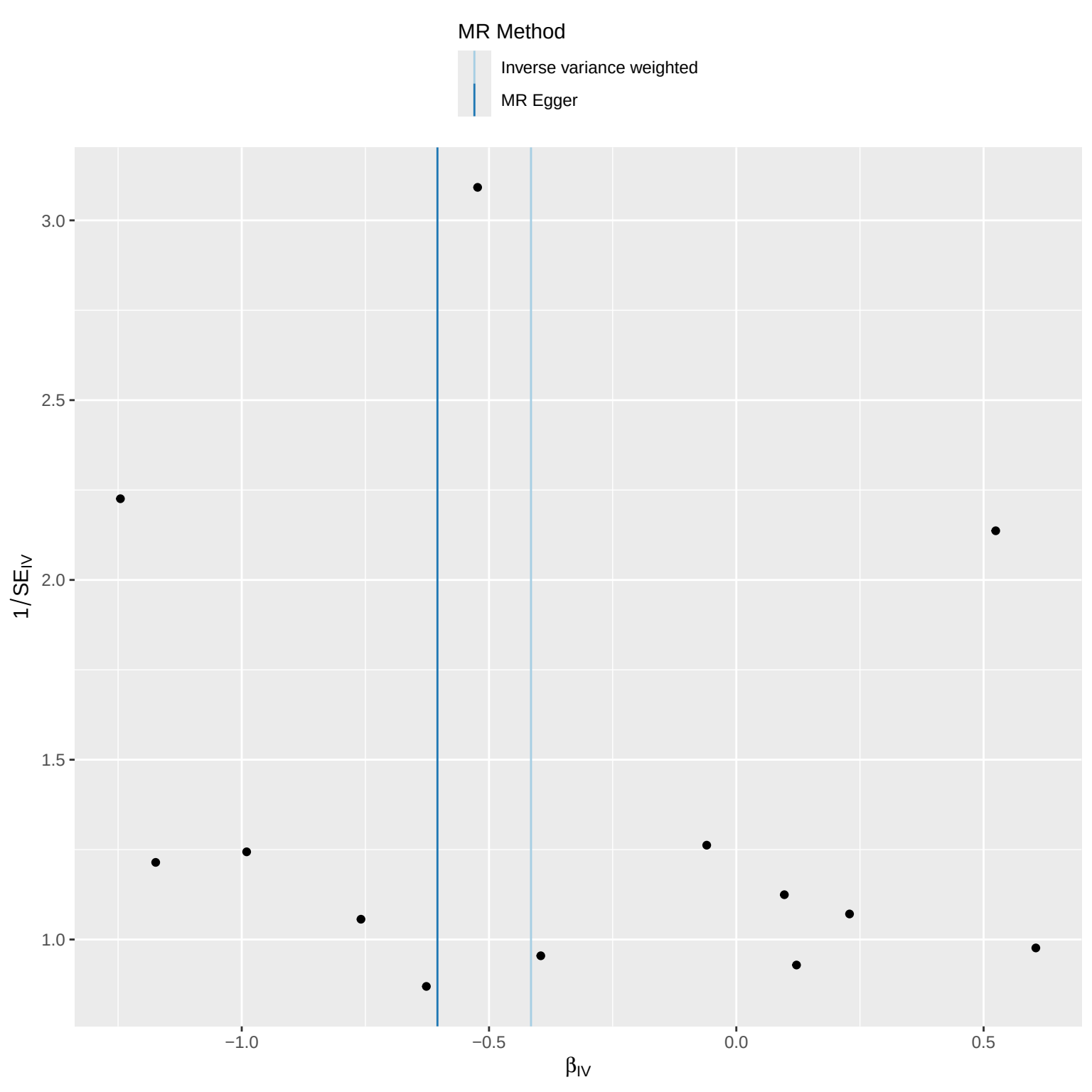

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
0
1
β_IV

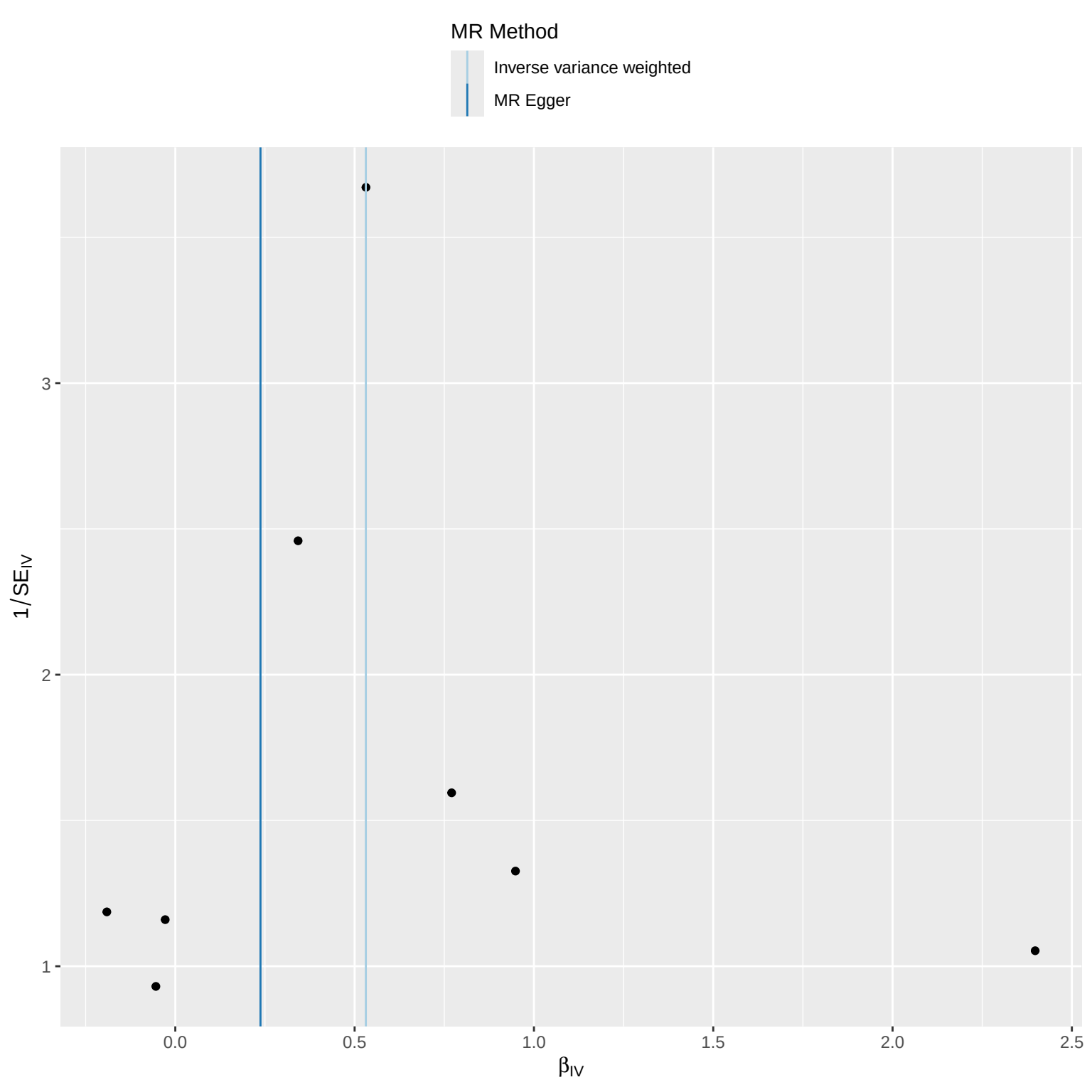

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
β_IV

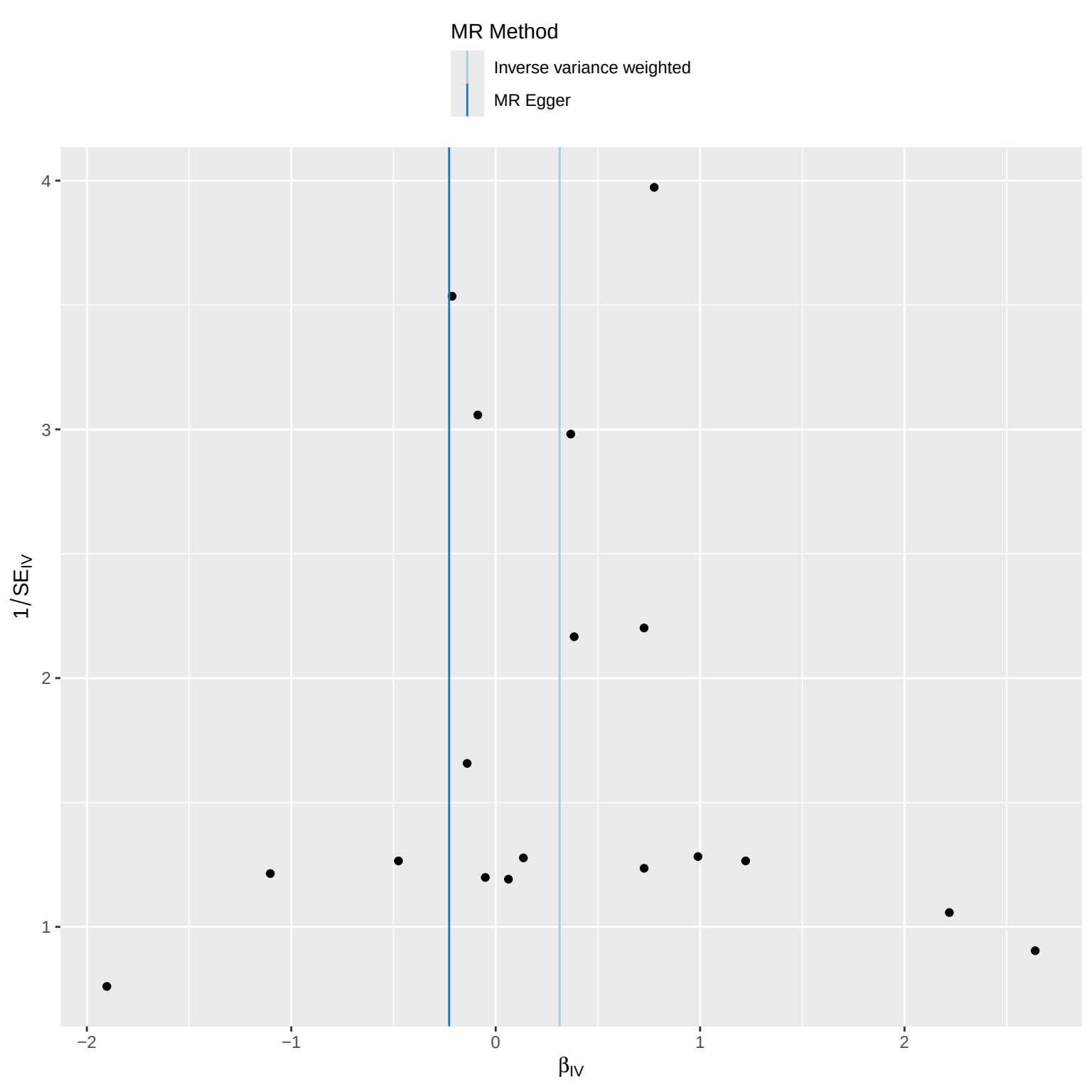

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
β_IV

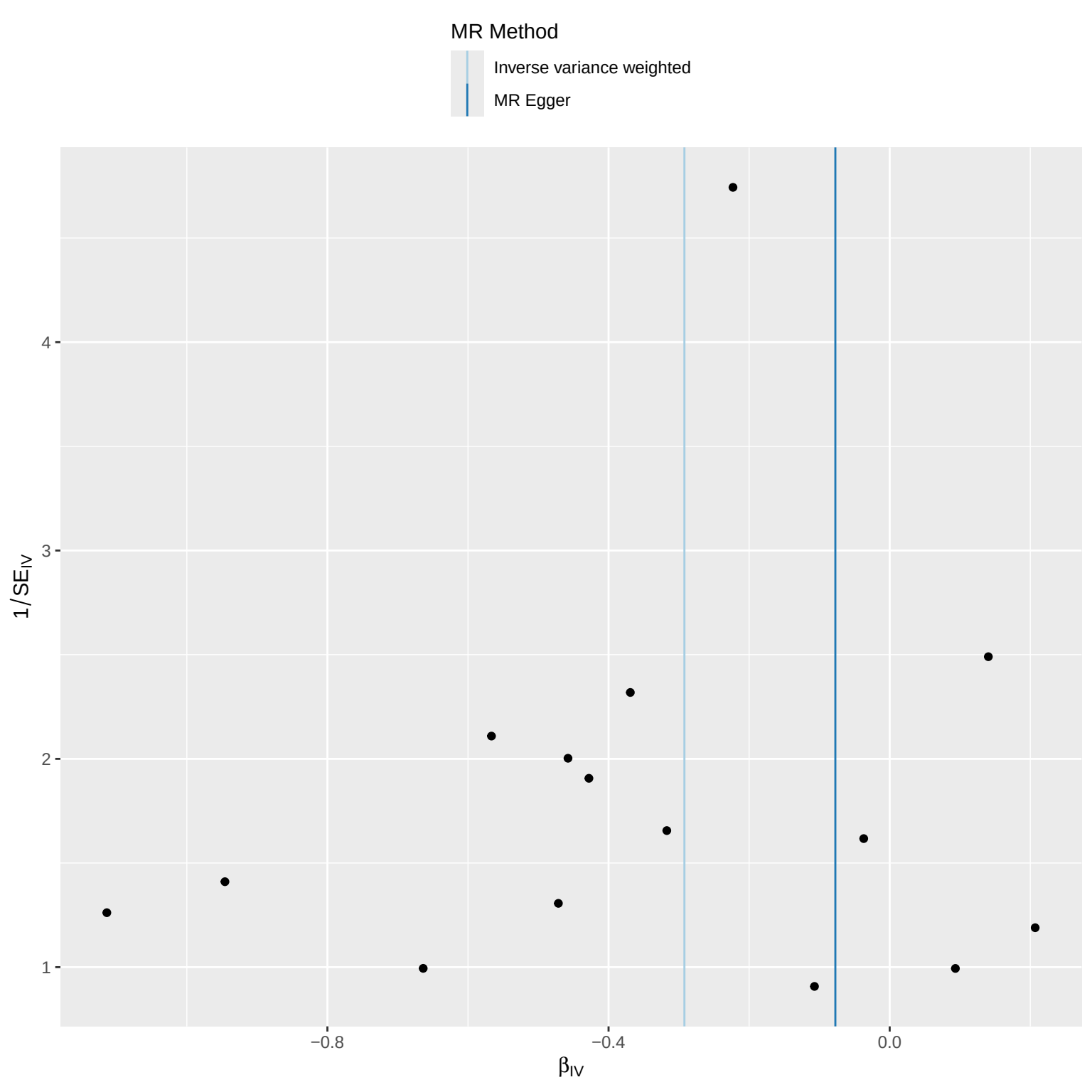

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
β_IV

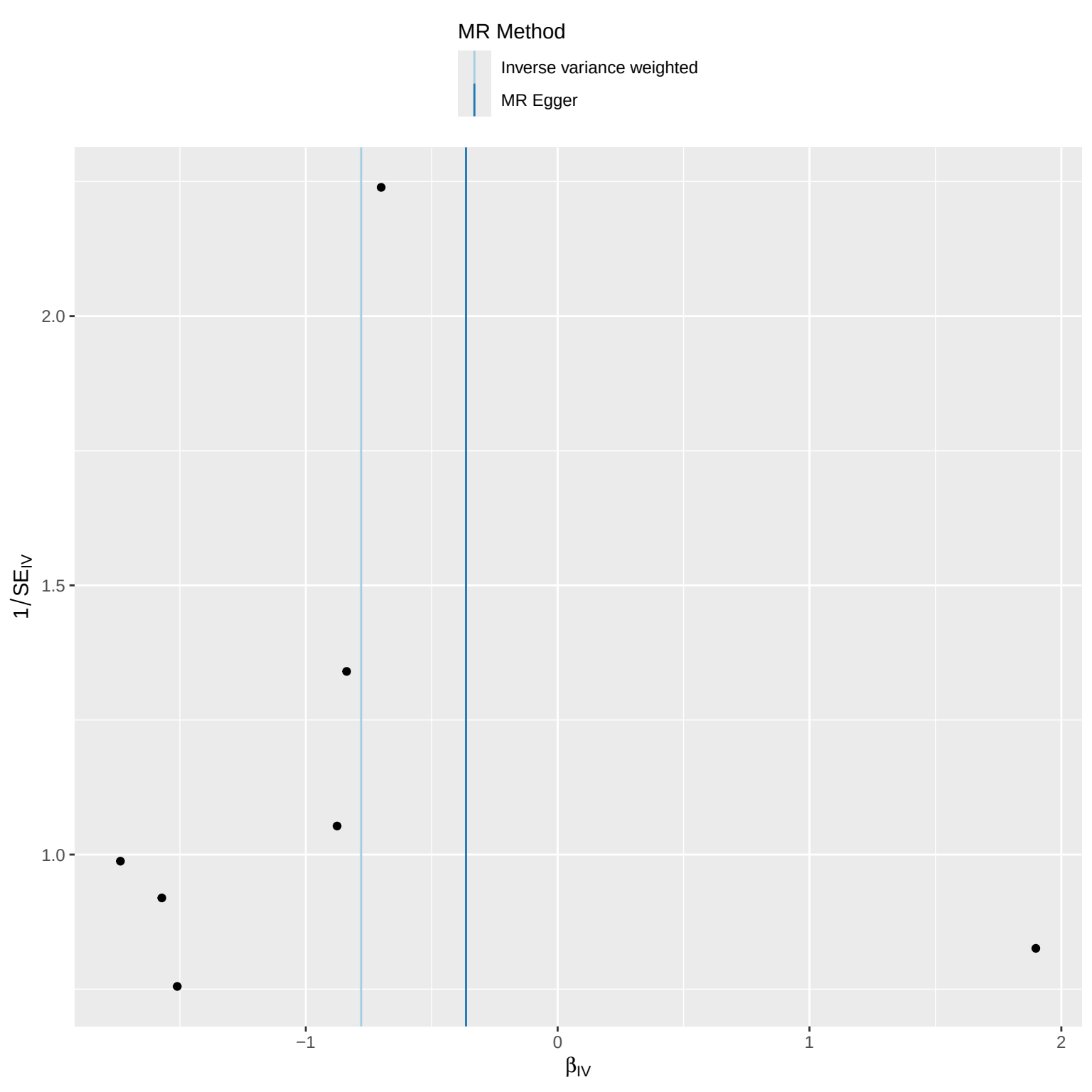

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1
2
1/SE_IV
β_IV

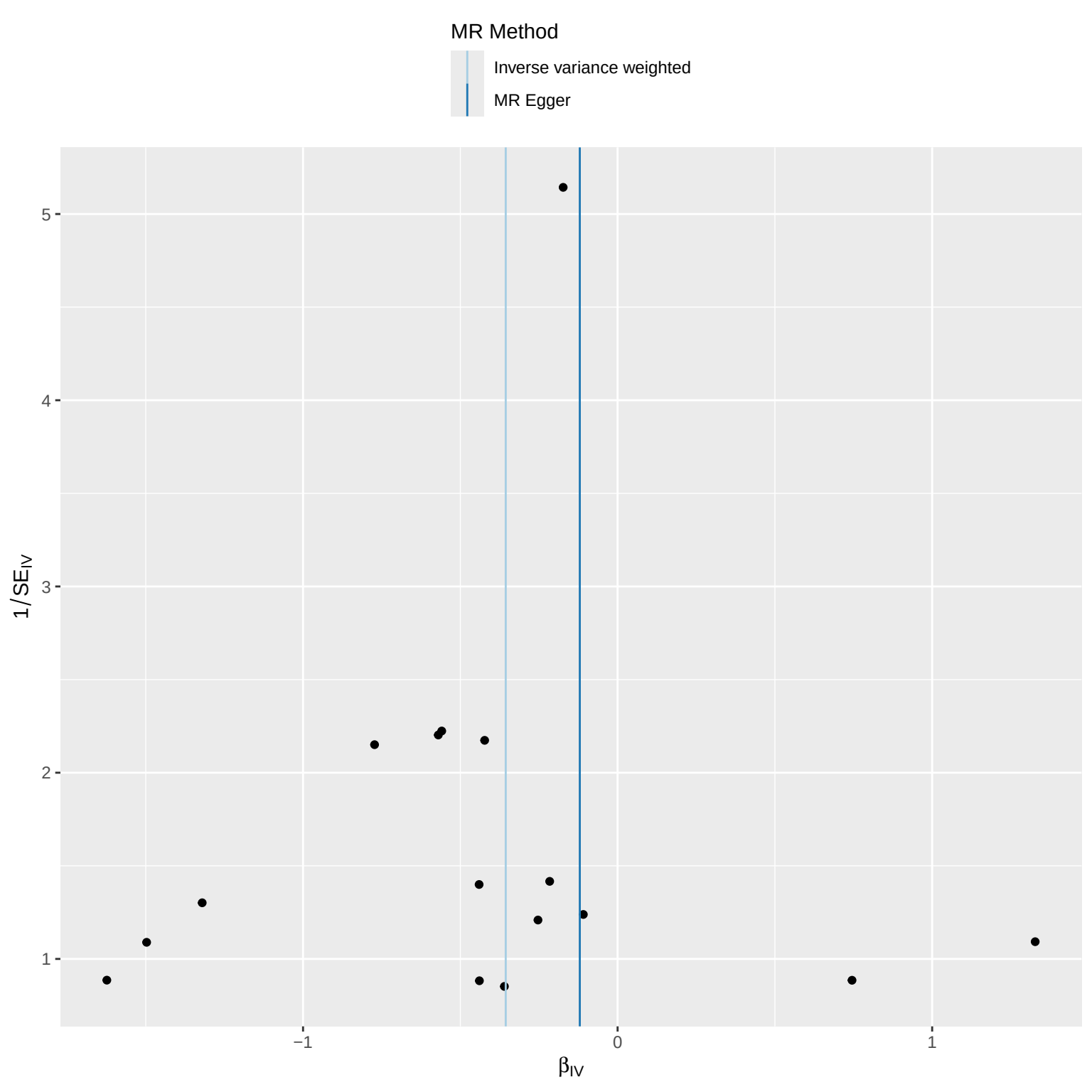

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

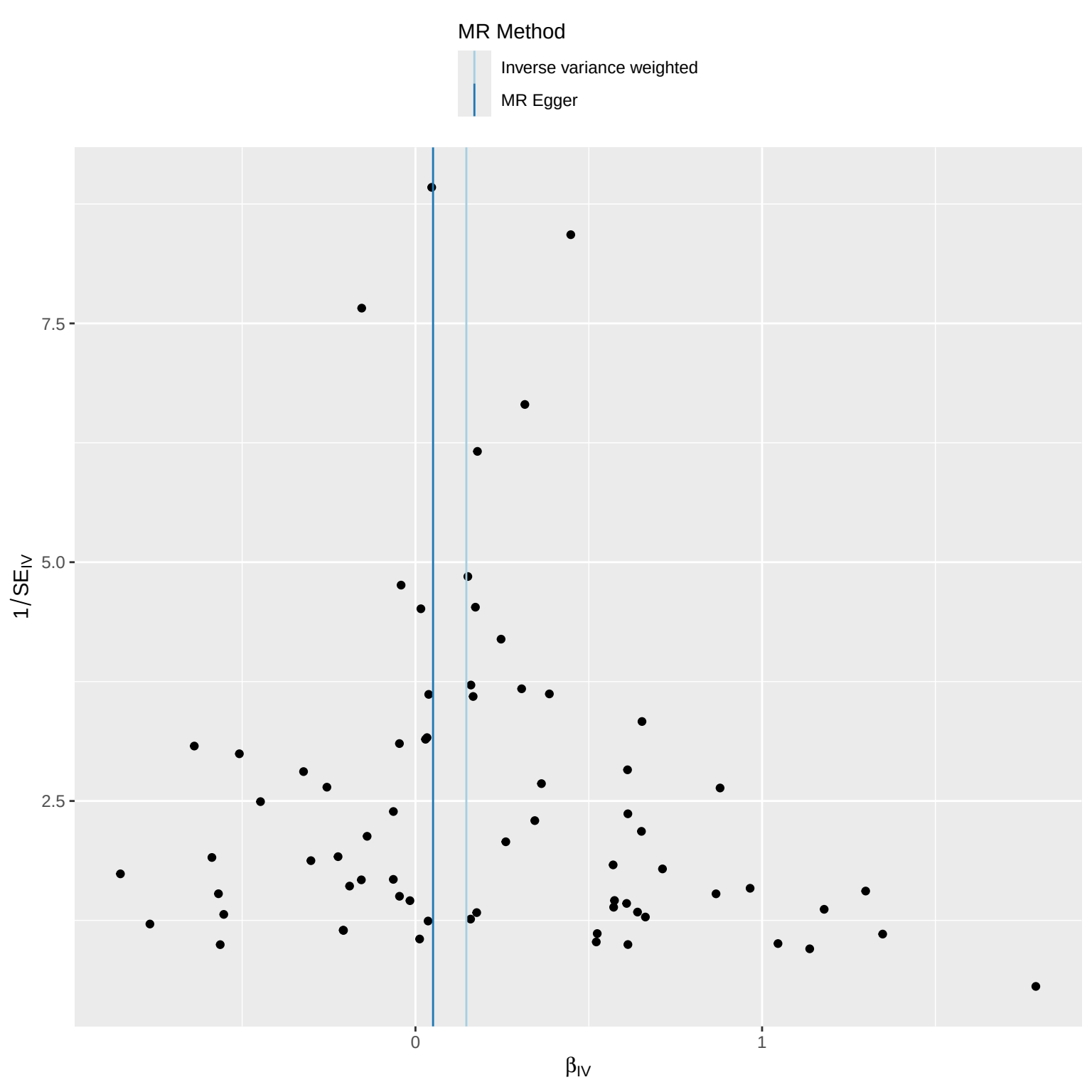

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

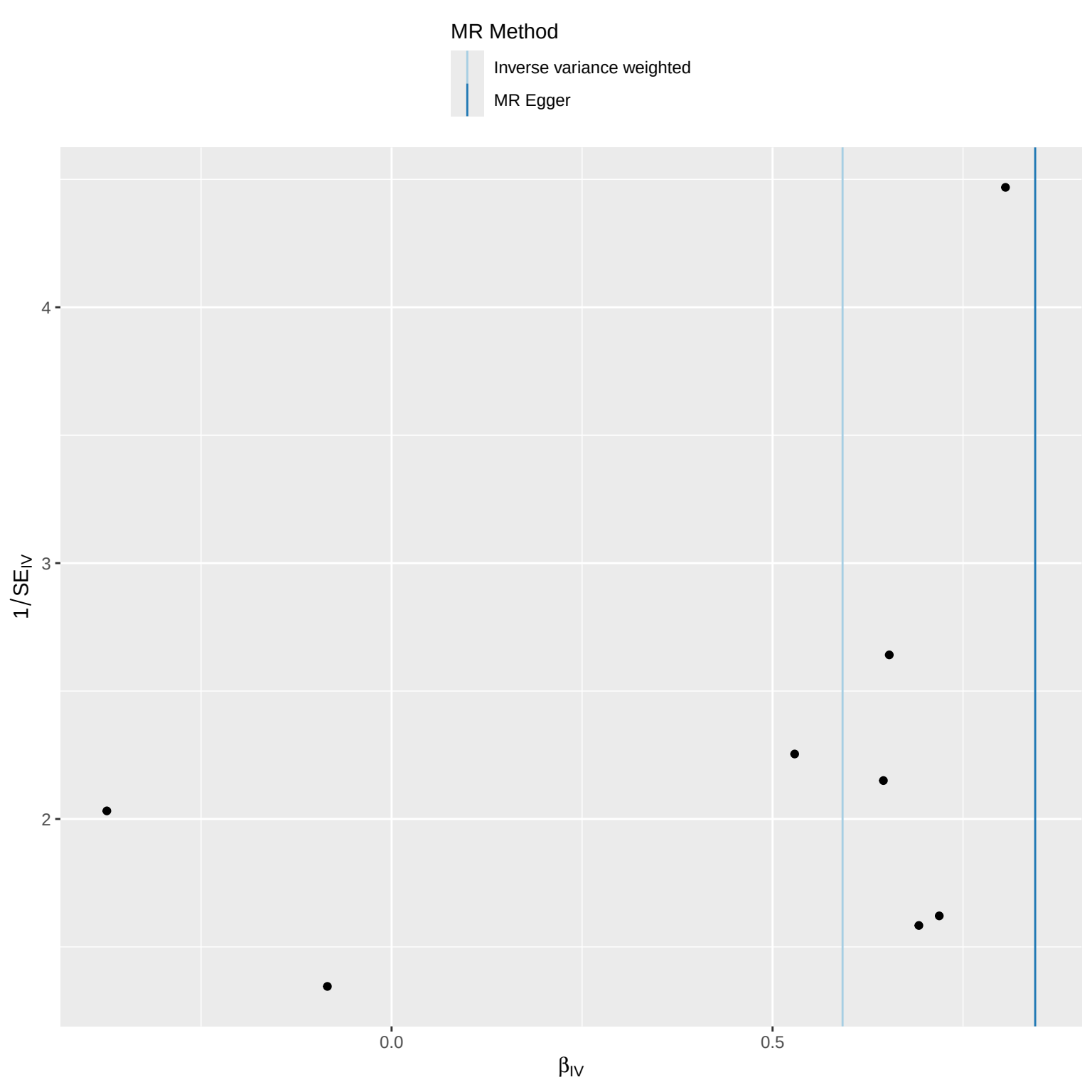

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

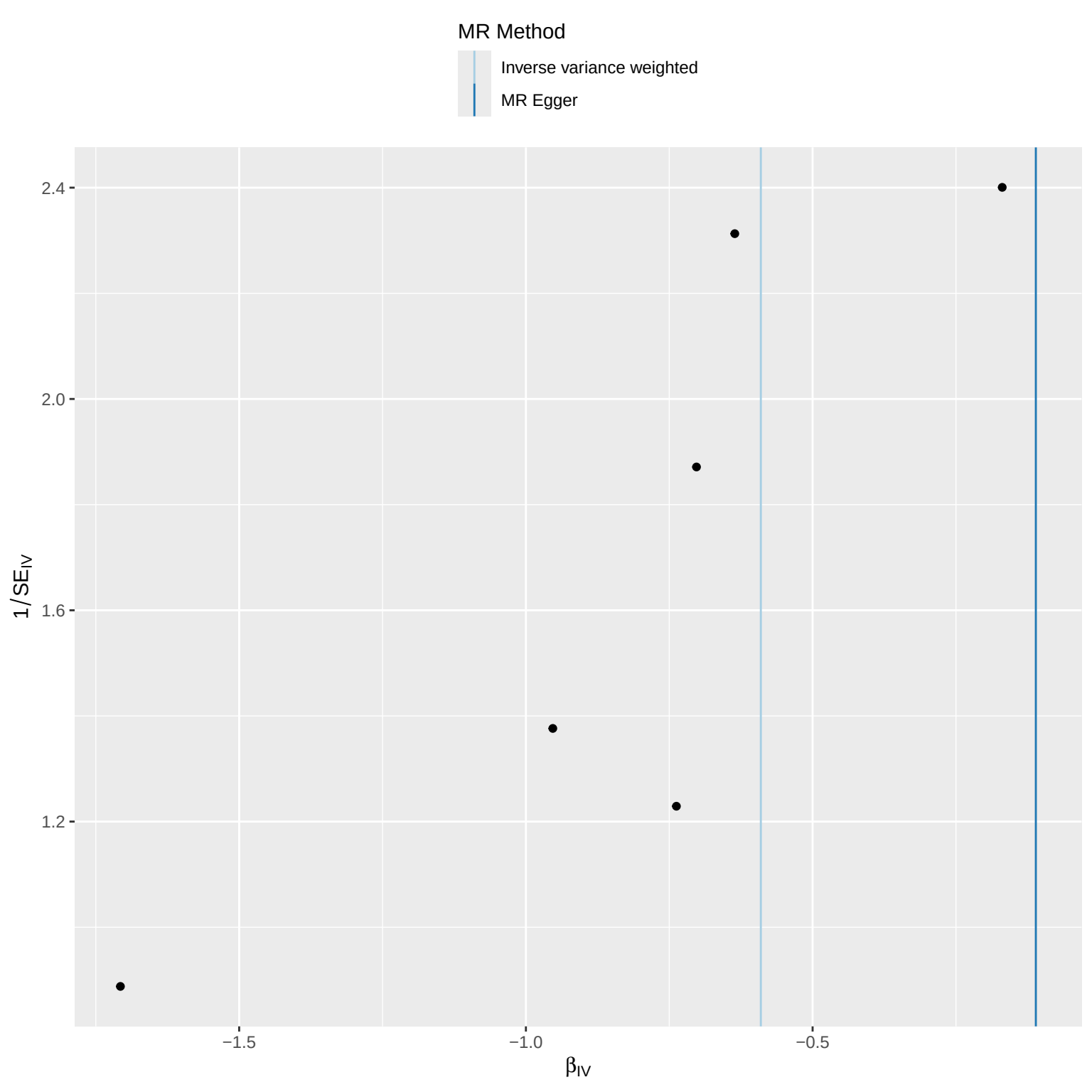

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.8
−0.4
0.0
β_IV

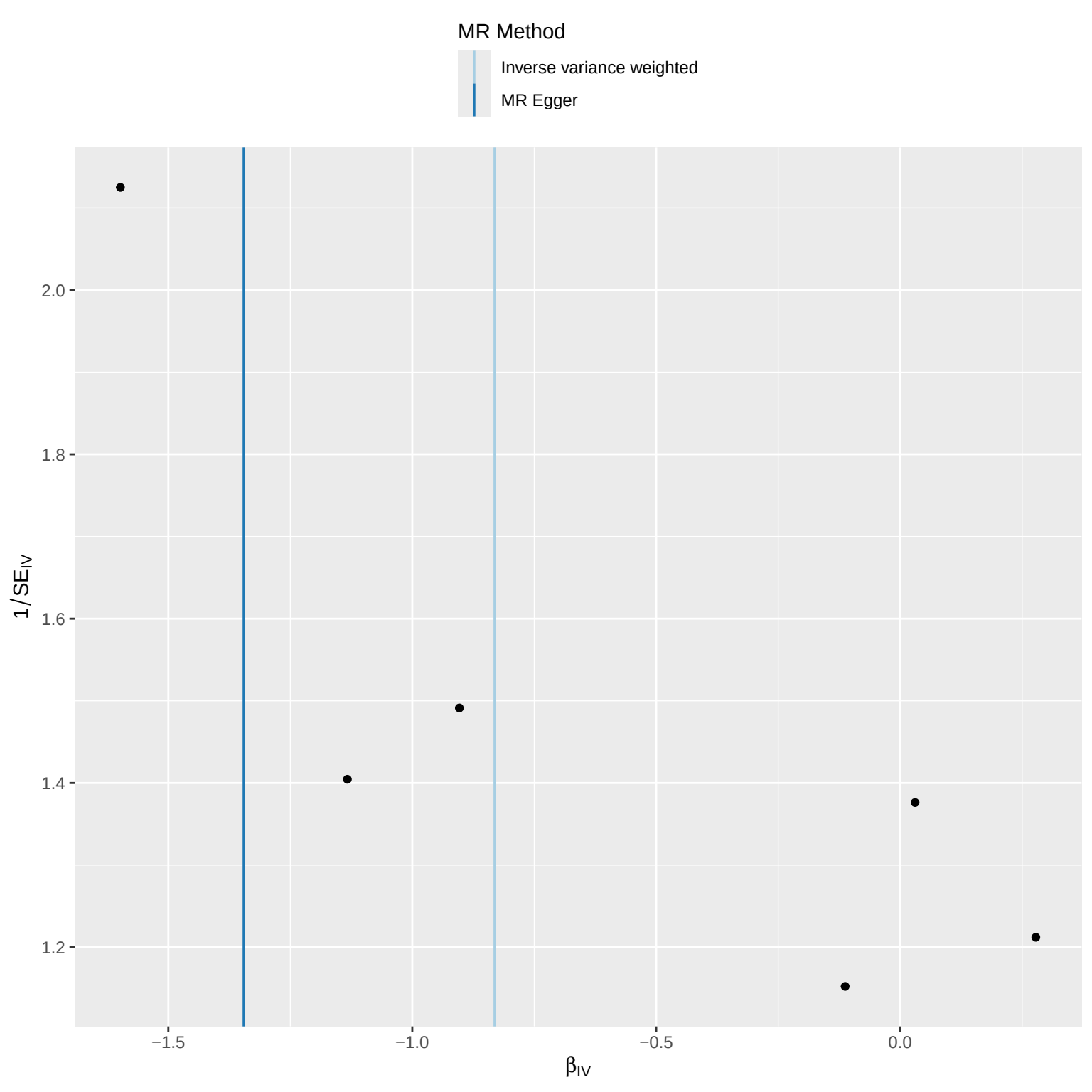

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

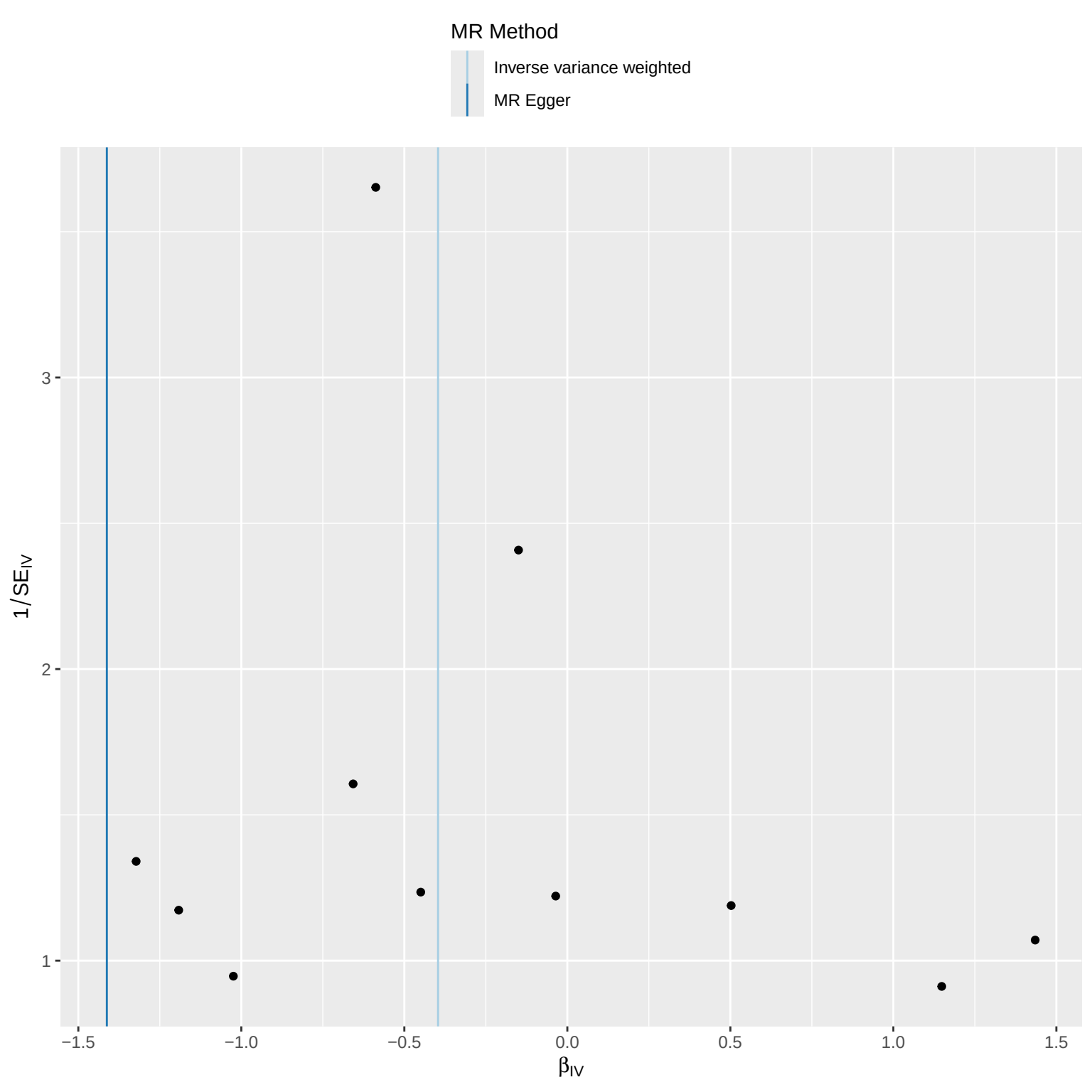

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

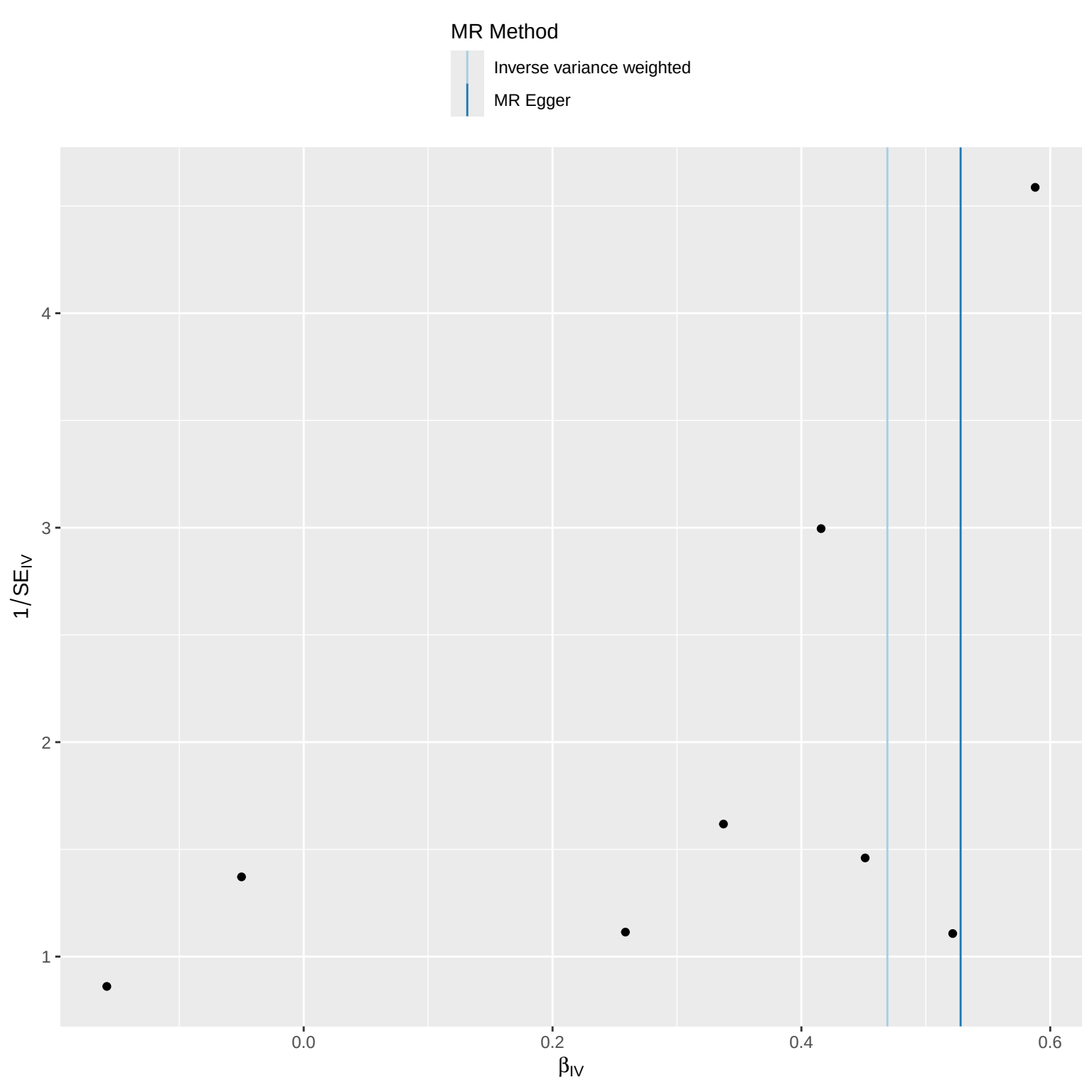

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
0
1
β_IV

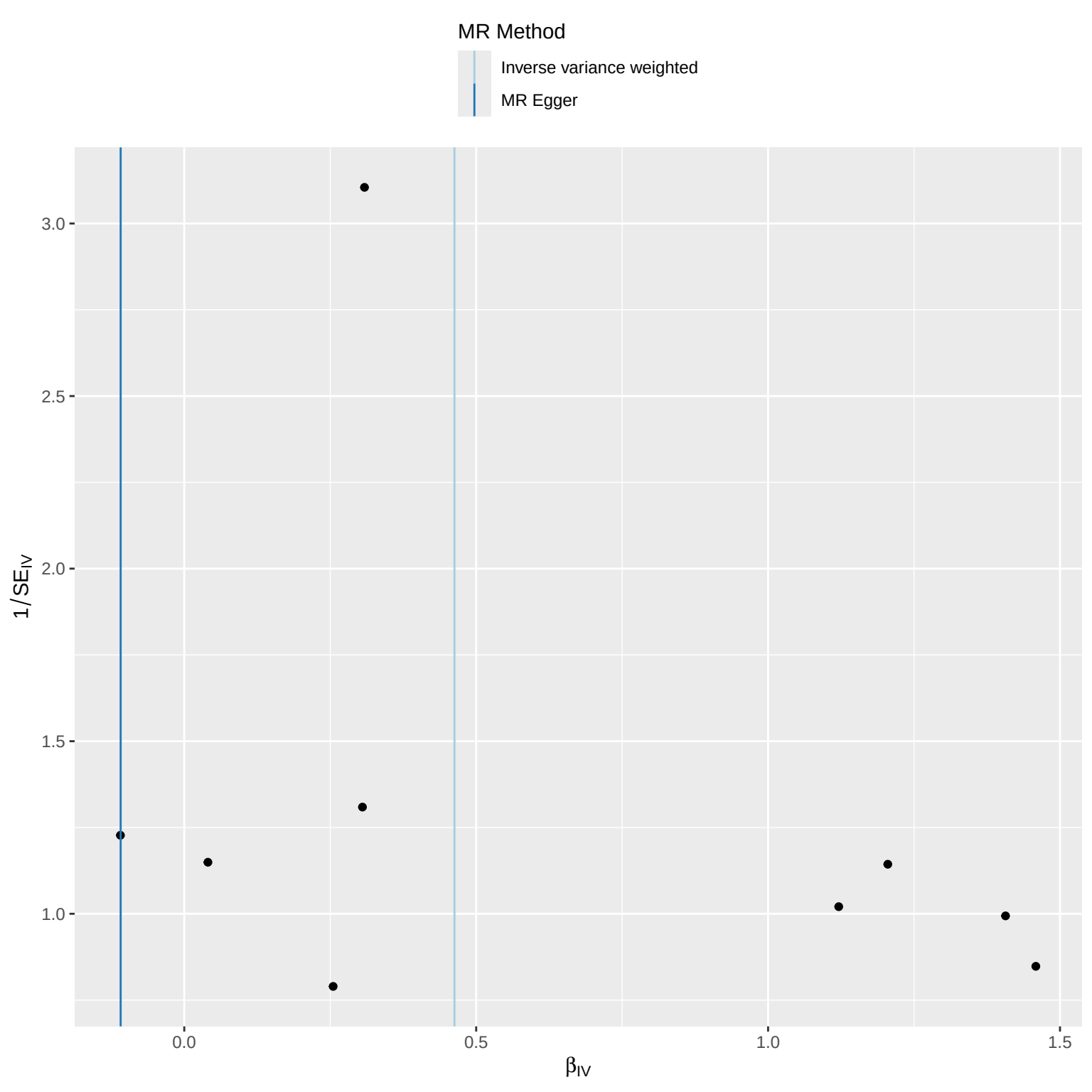

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
0.0
0.5
β_IV

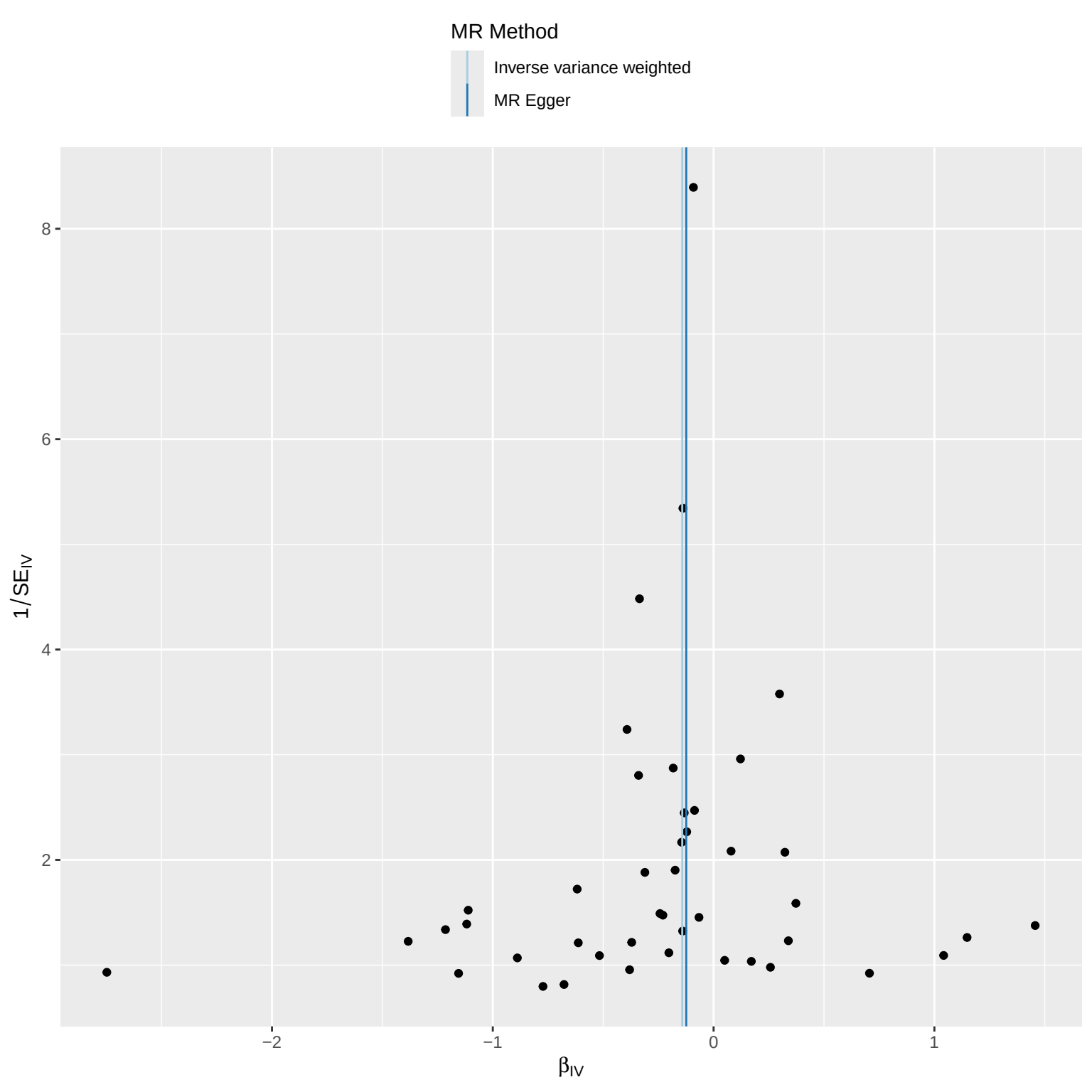

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
1/SE_IV
−1.5
−1.0
−0.5
β_IV

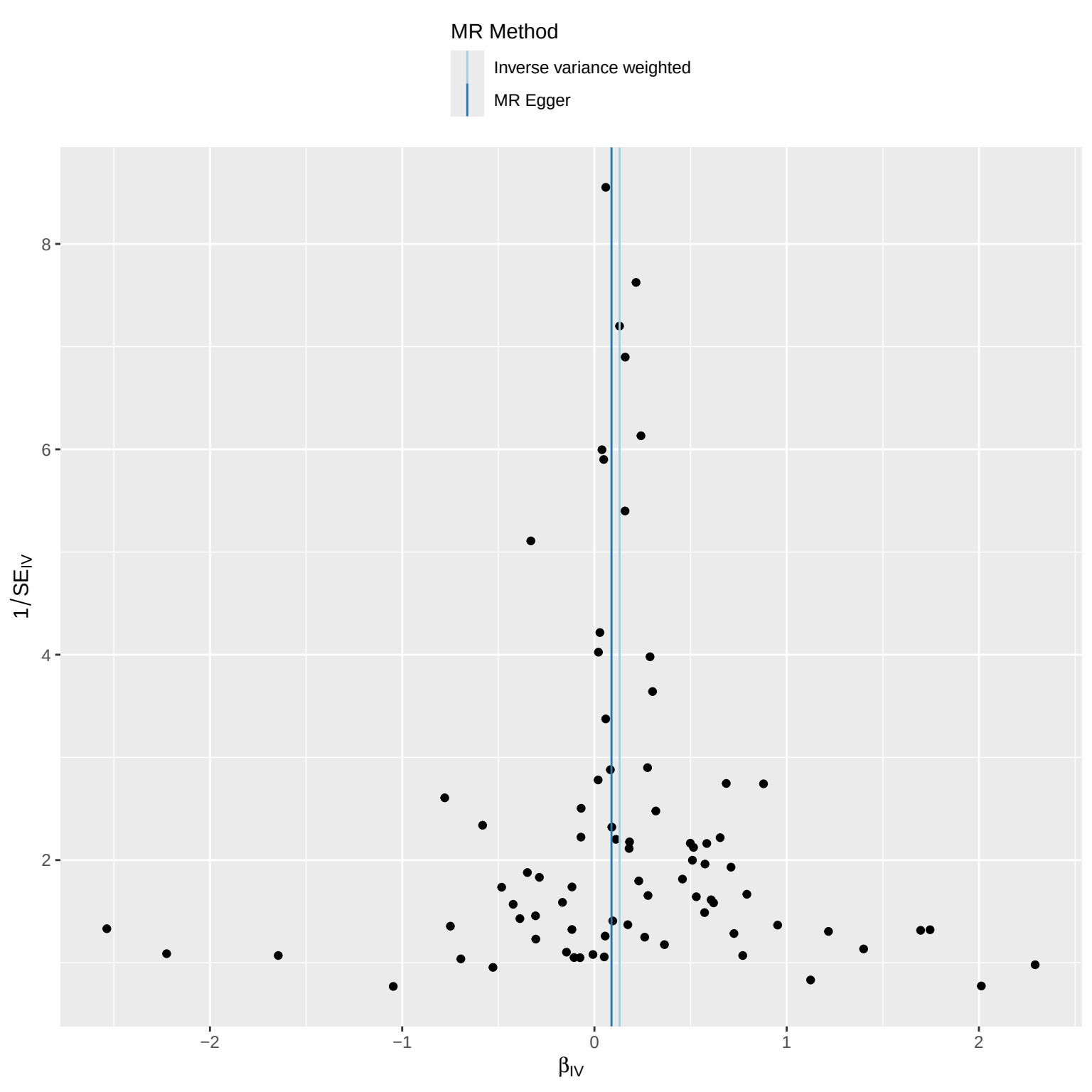

MR Method
Inverse variance weighted
MR Egger
2.0
1.8
1.6
1.4
1.2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

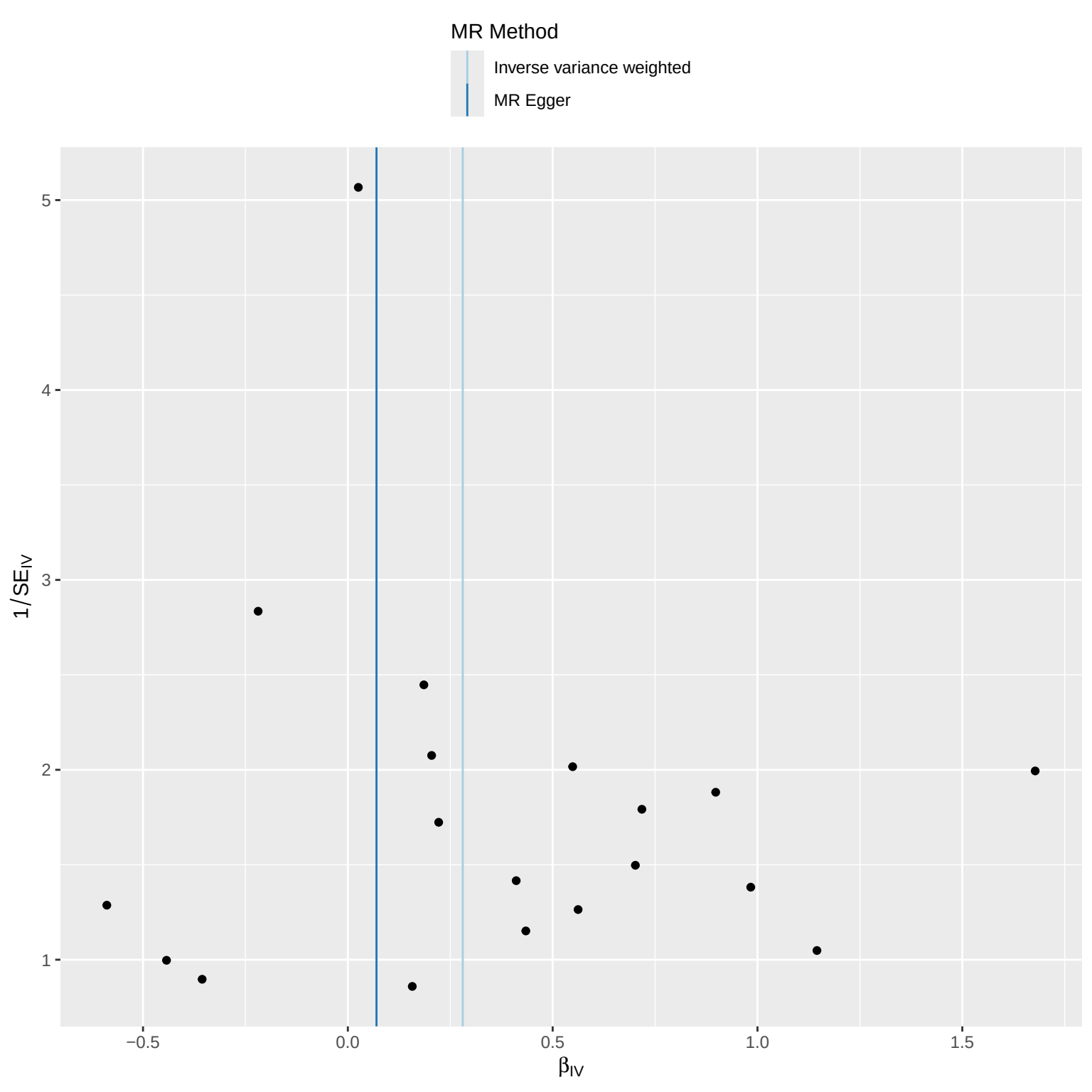

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

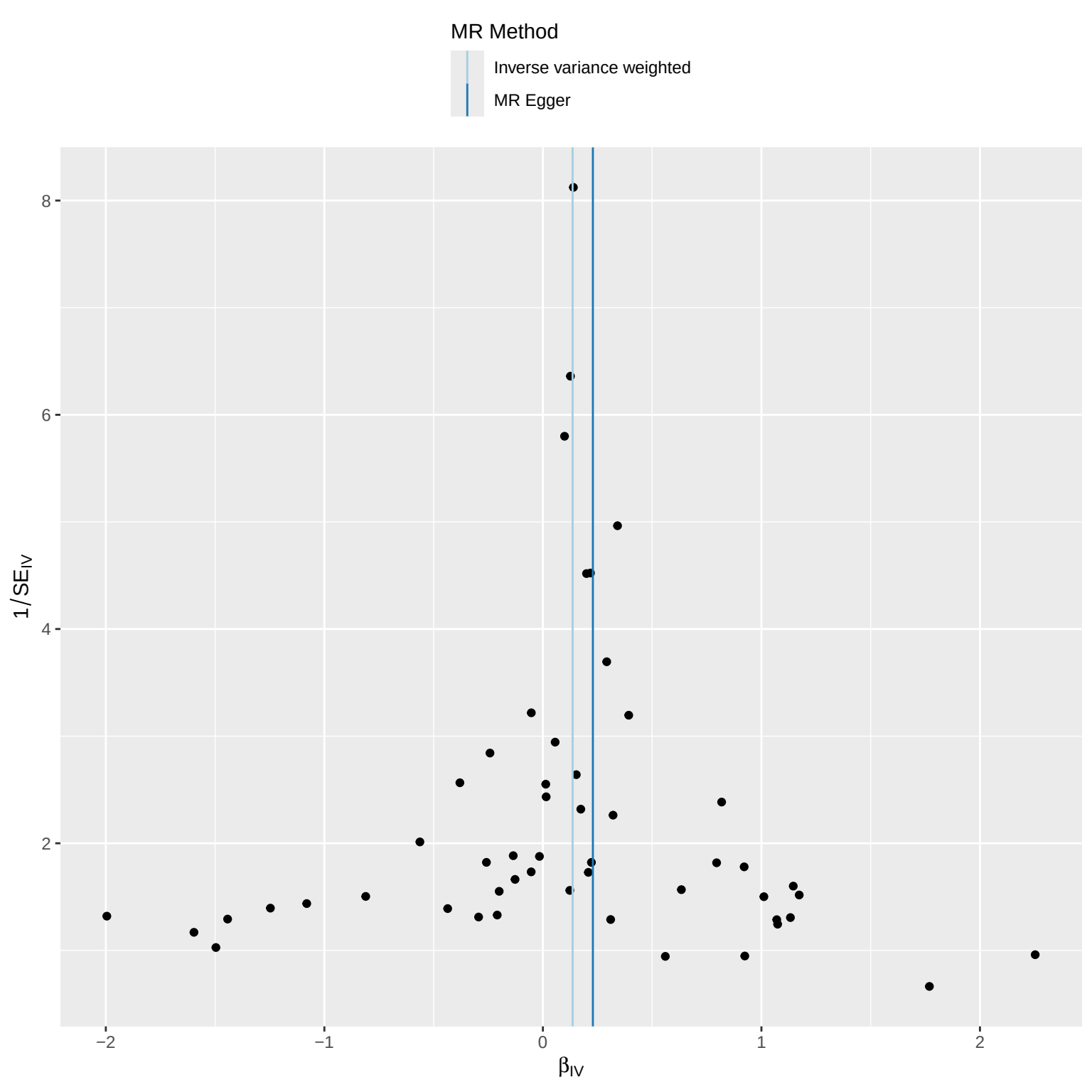

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
0.0
0.2
0.4
0.6
β_{IV}

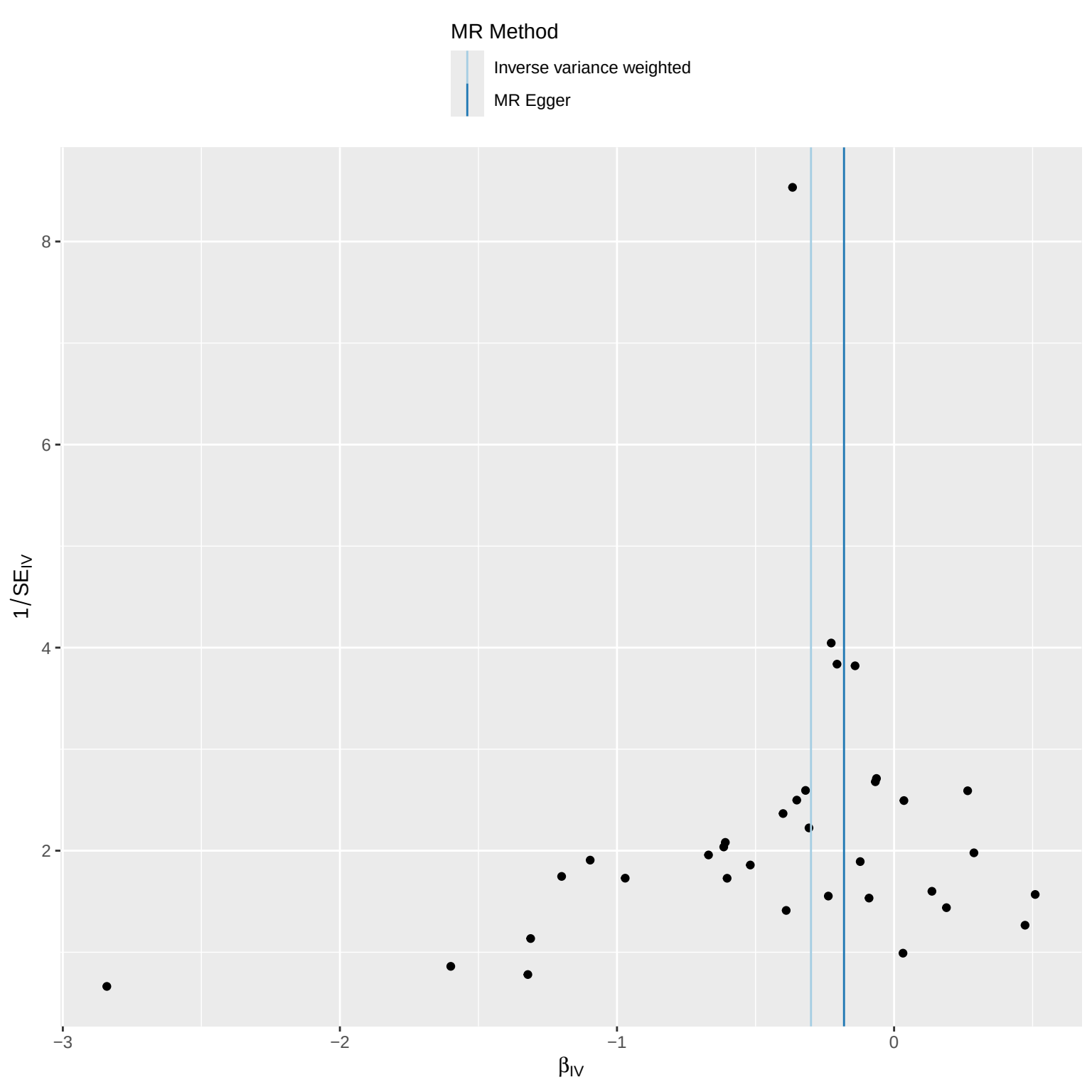

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

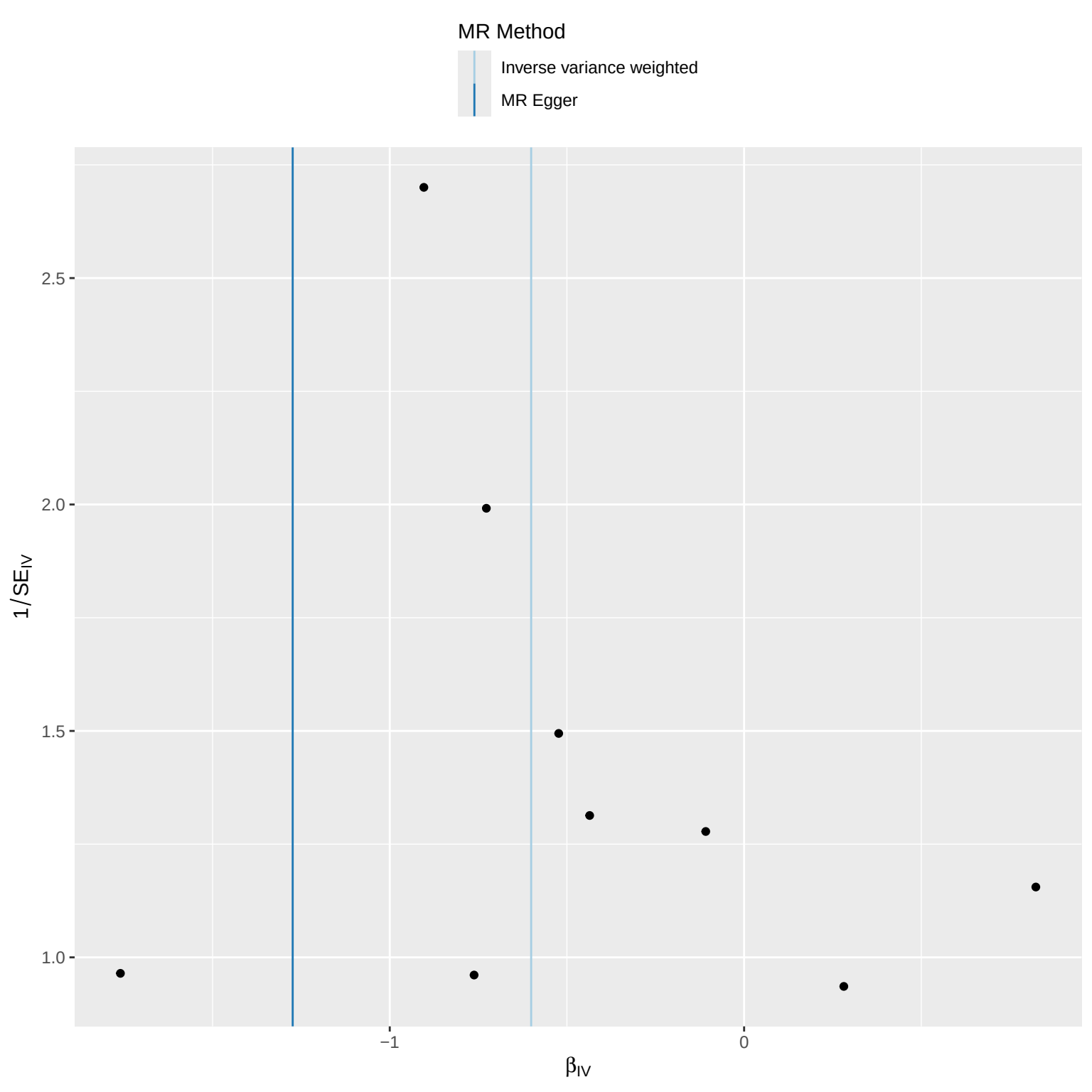

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

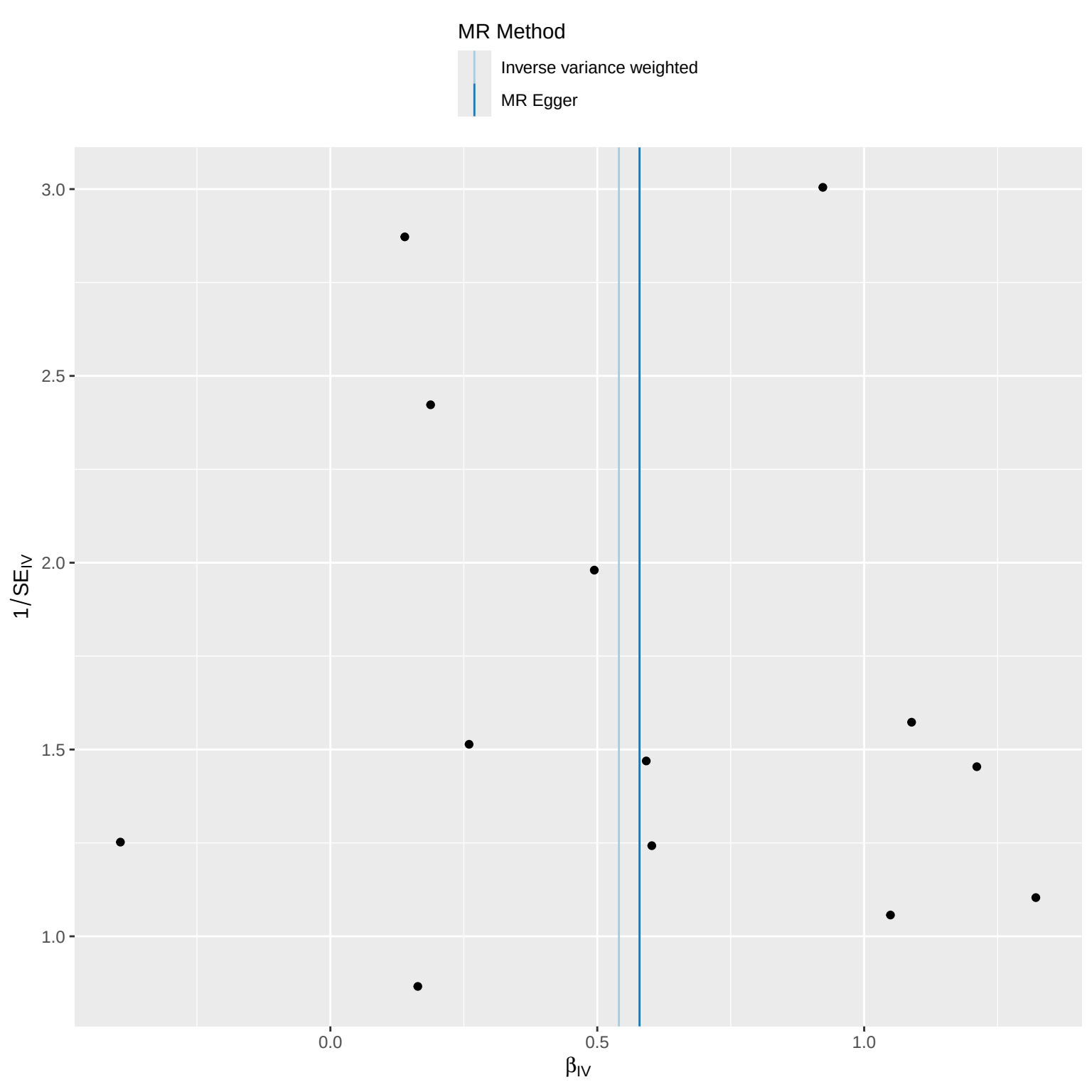

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

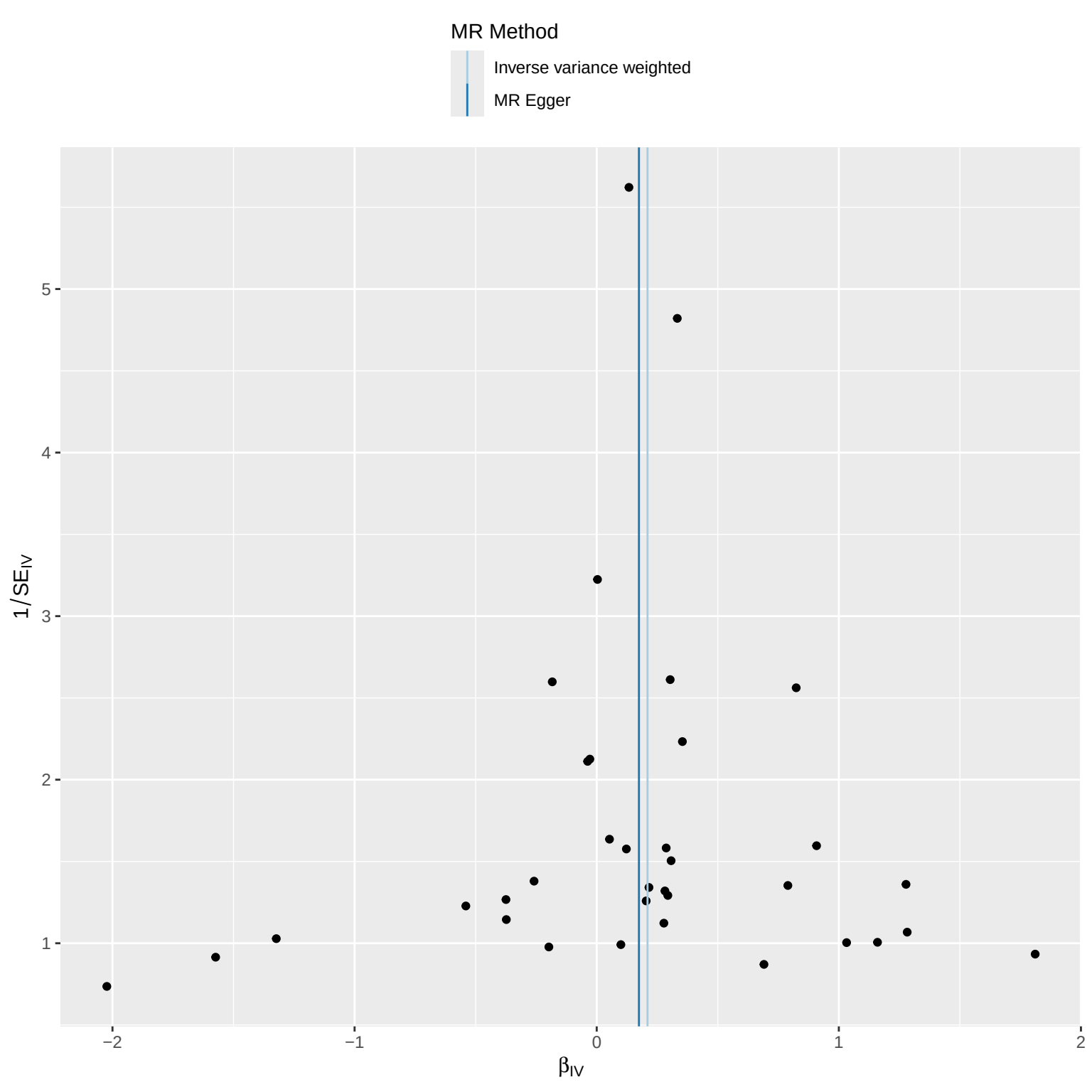

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

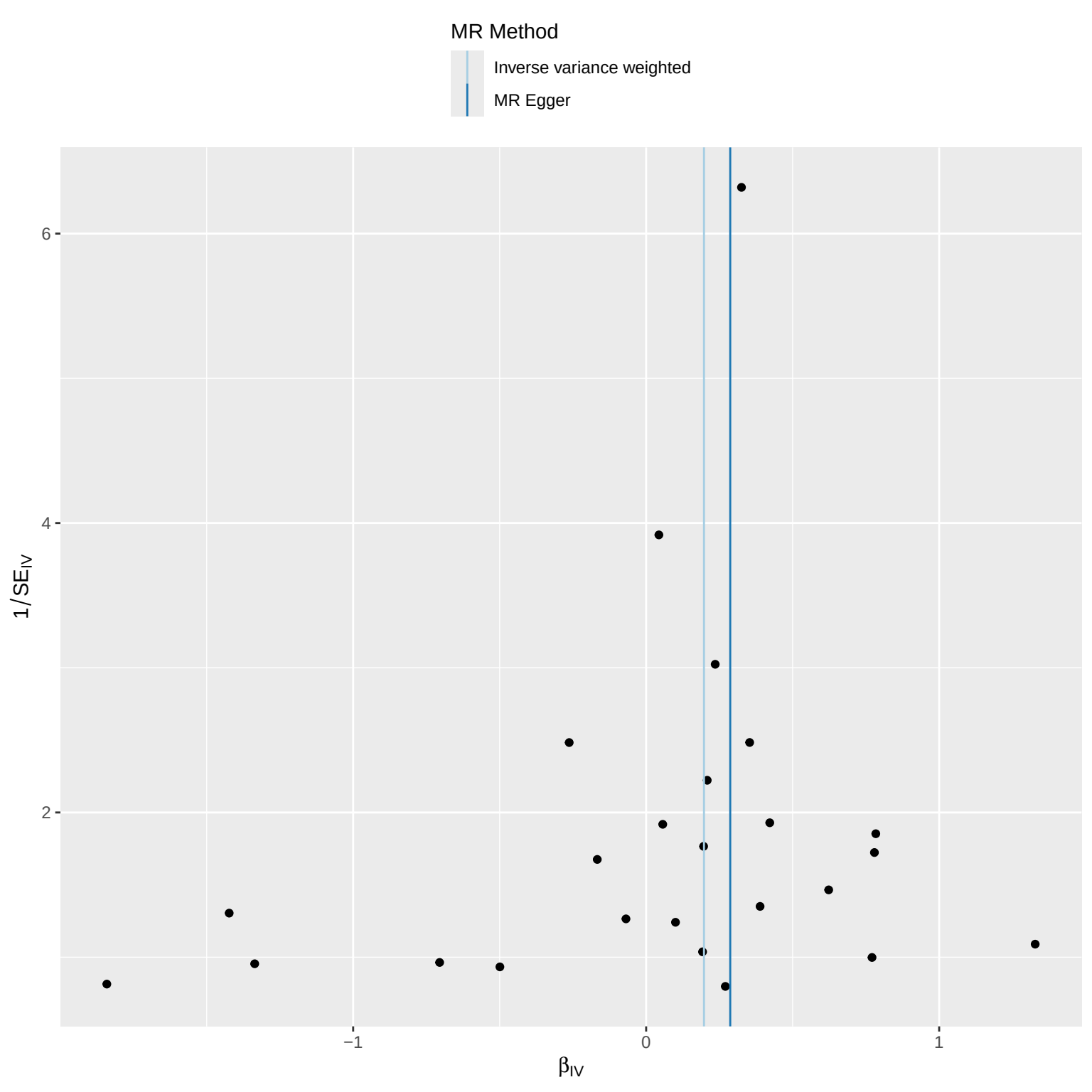

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

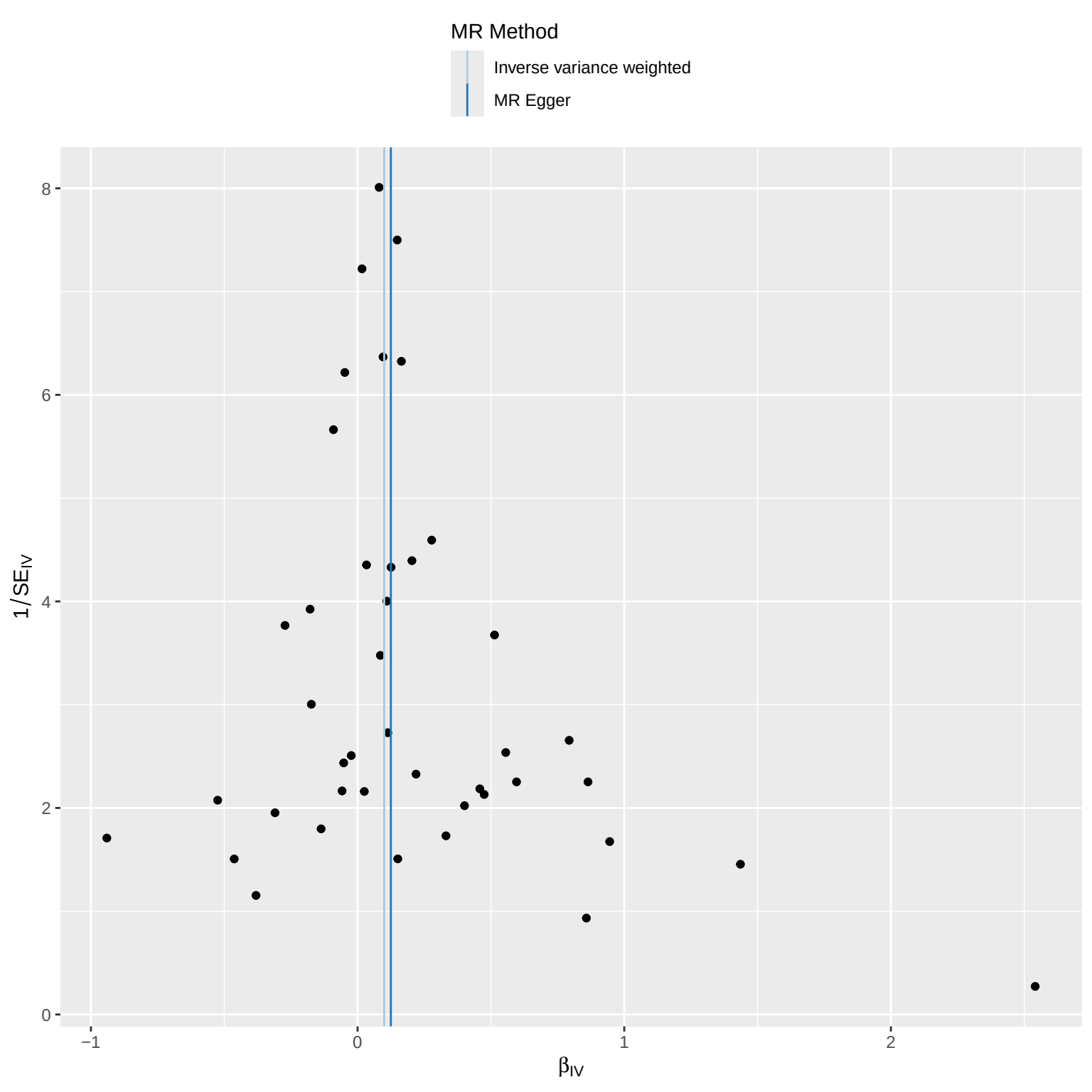

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−3
−2
−1
0
β_IV

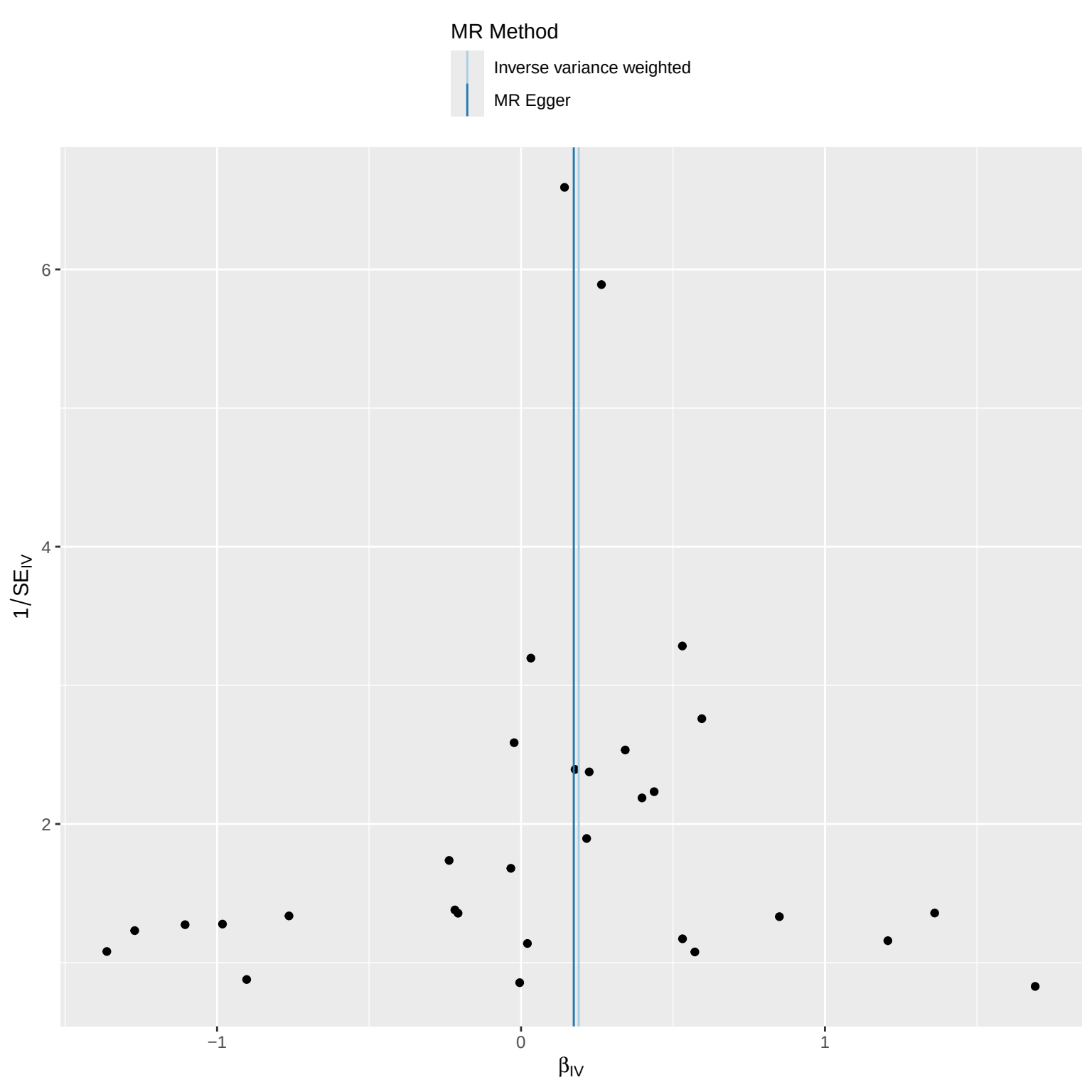

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
β_IV

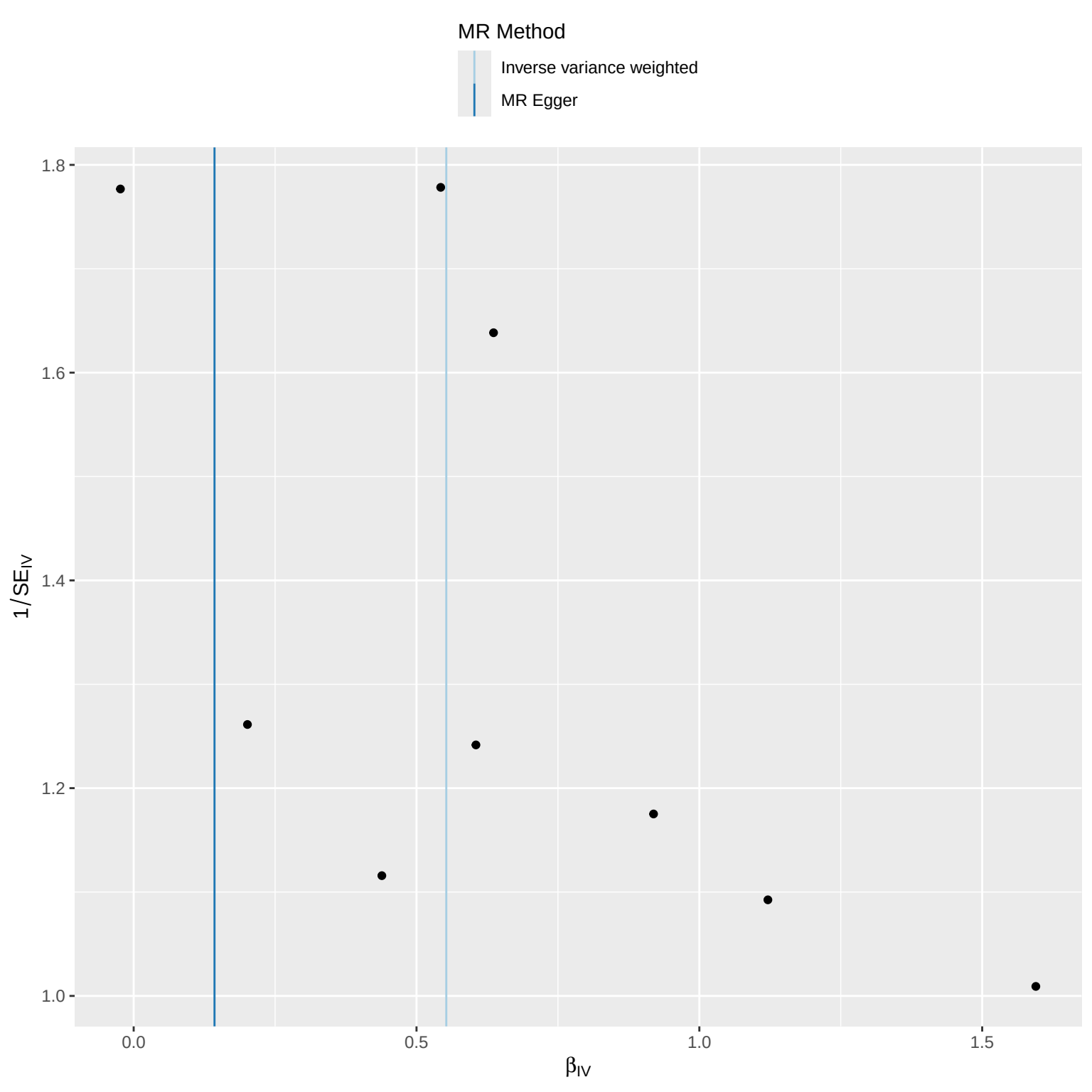

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
β_IV

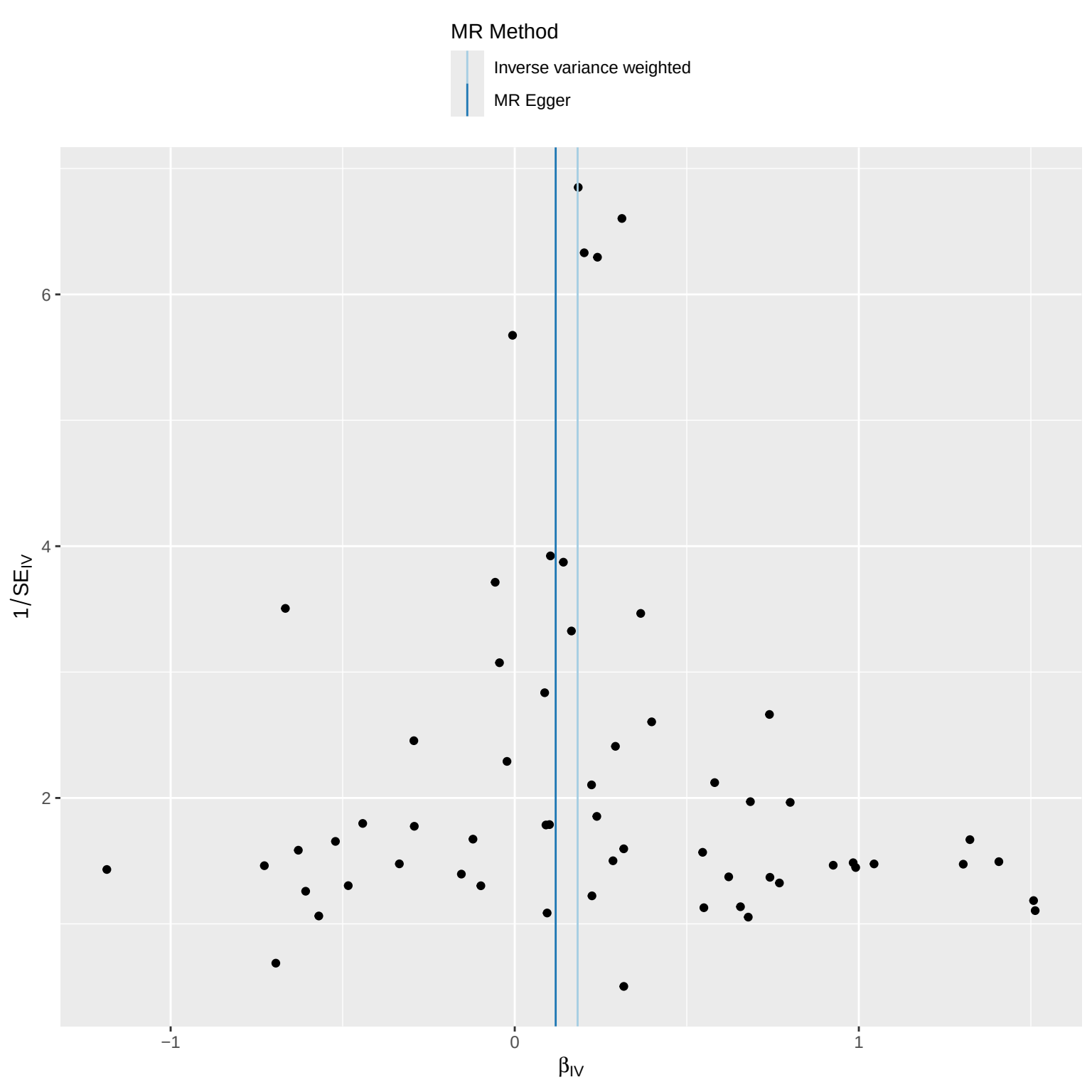

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

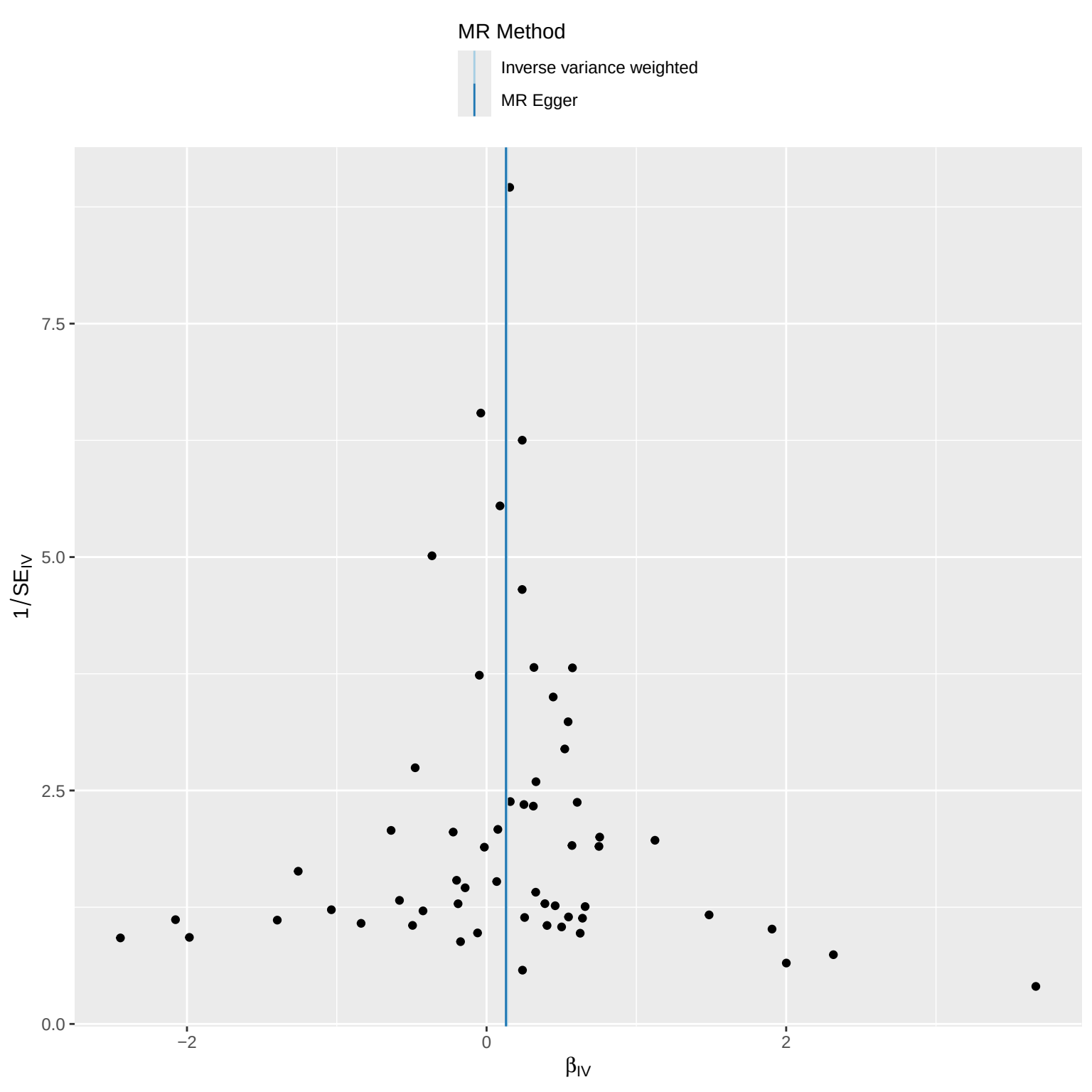

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

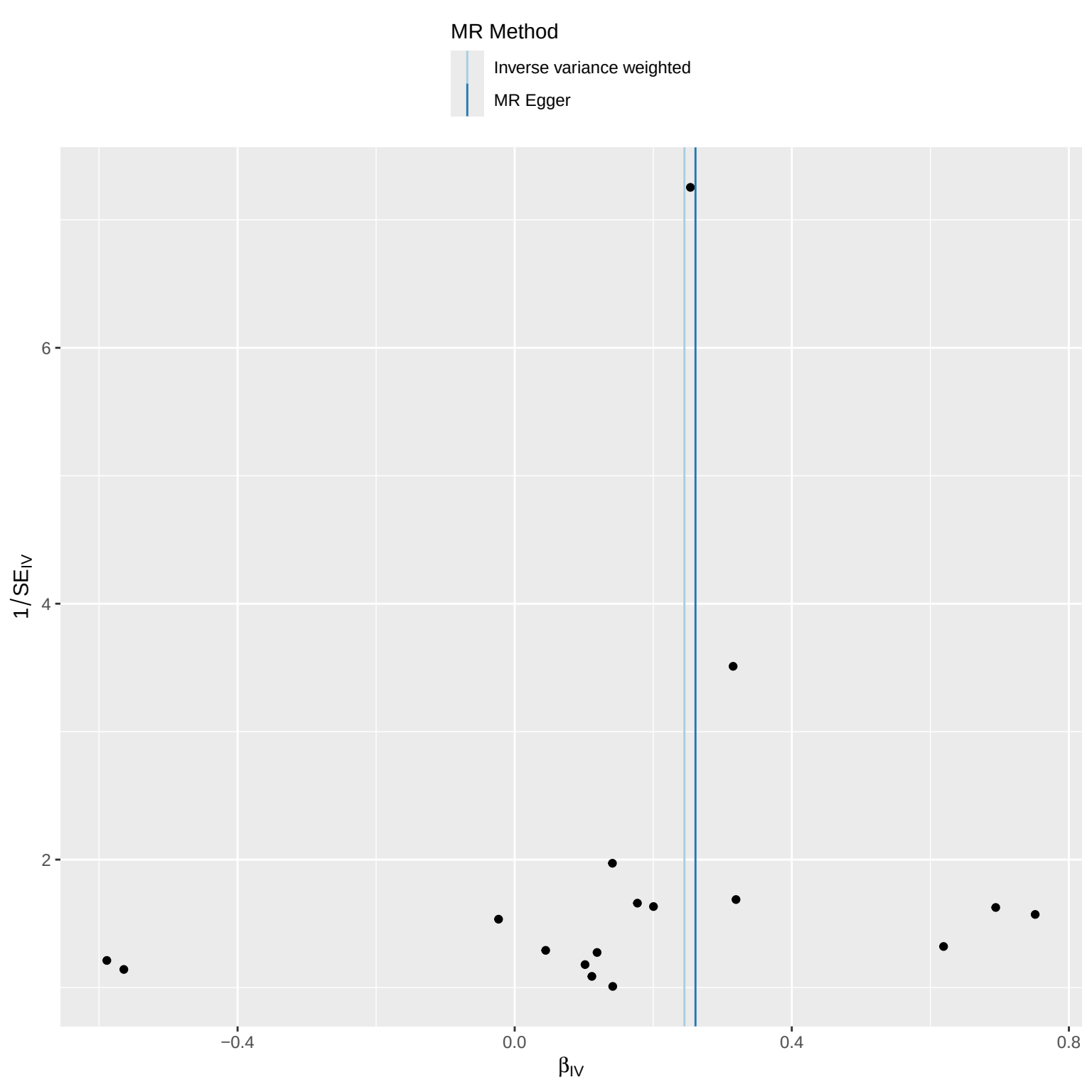

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−1
0
1
2
β_IV

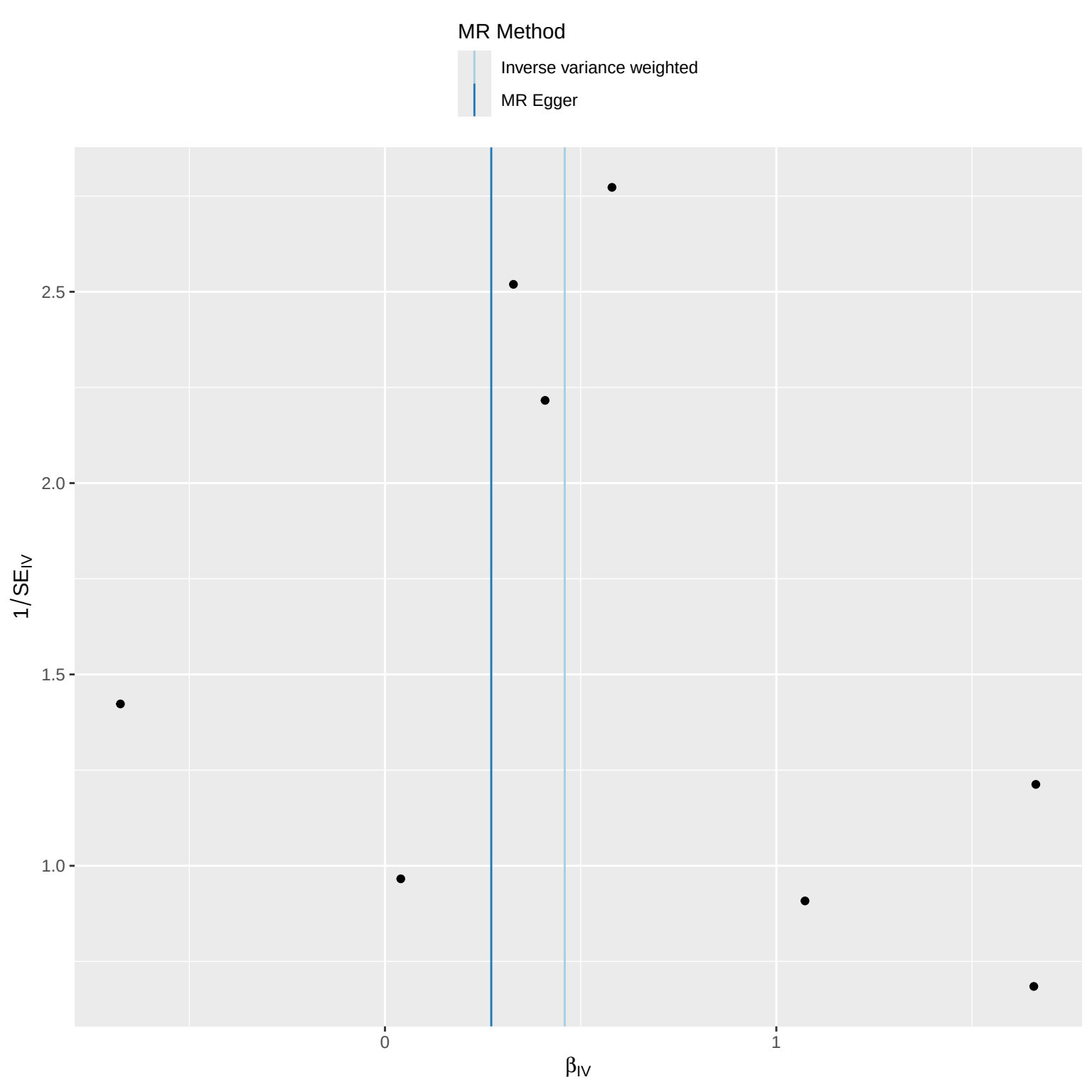

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

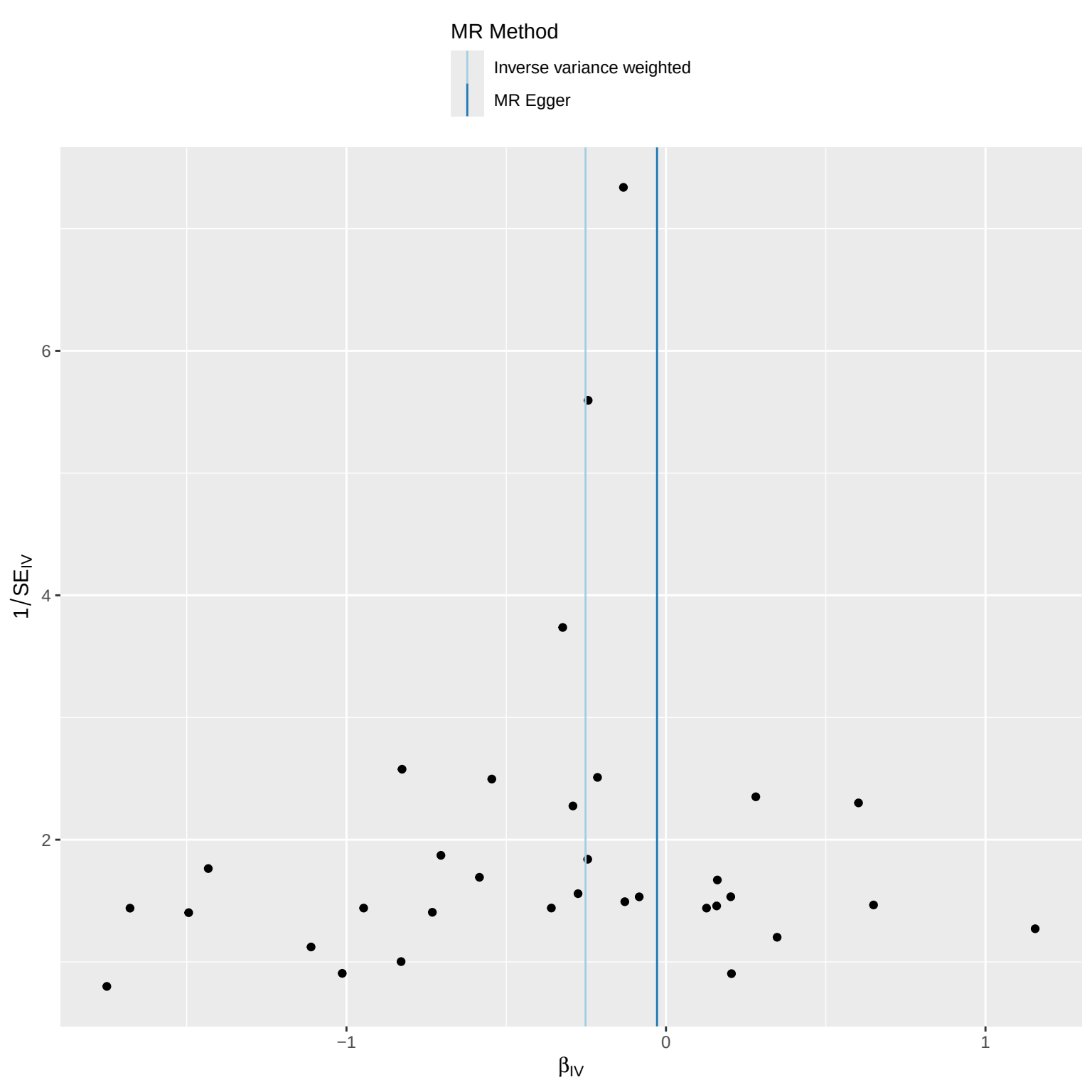

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

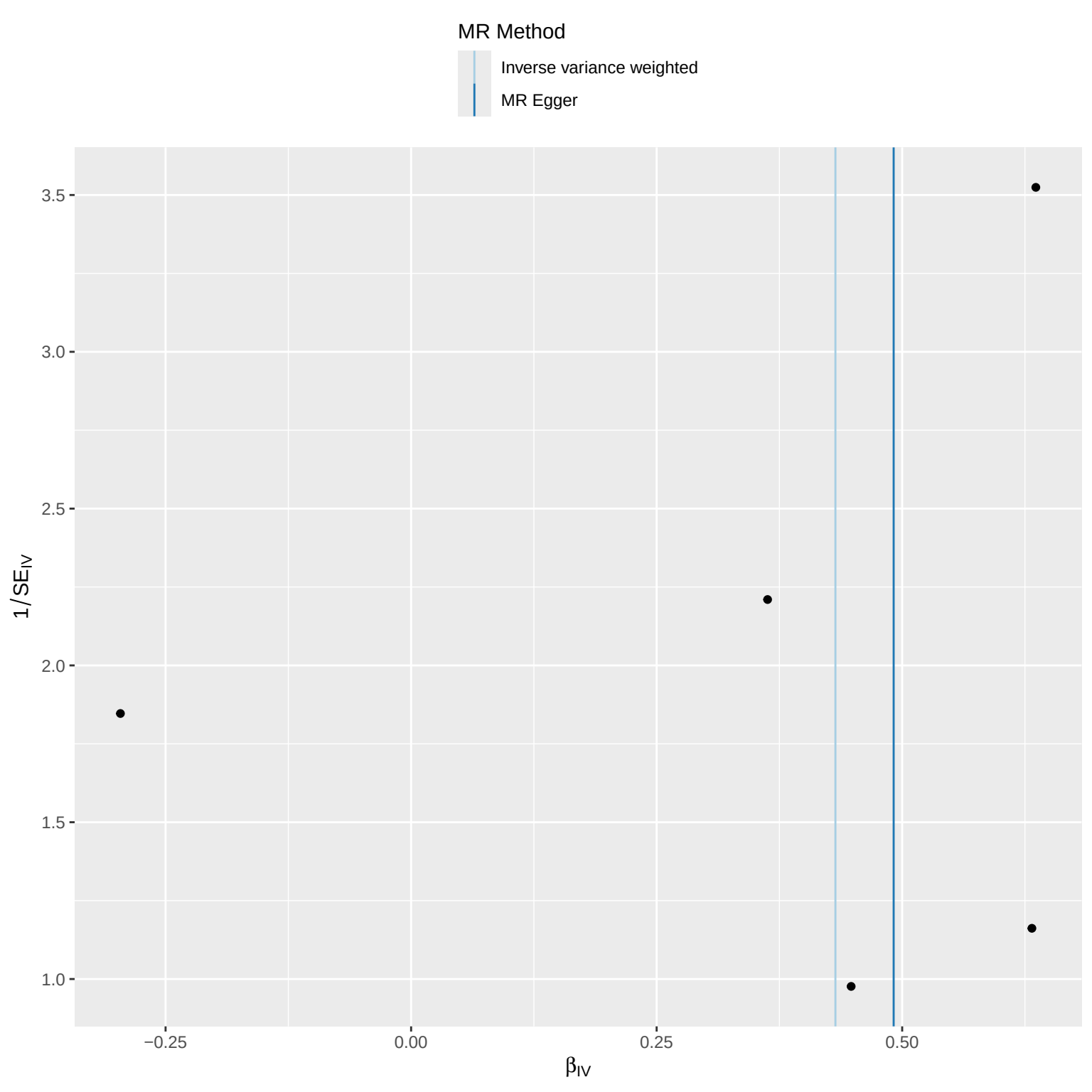

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

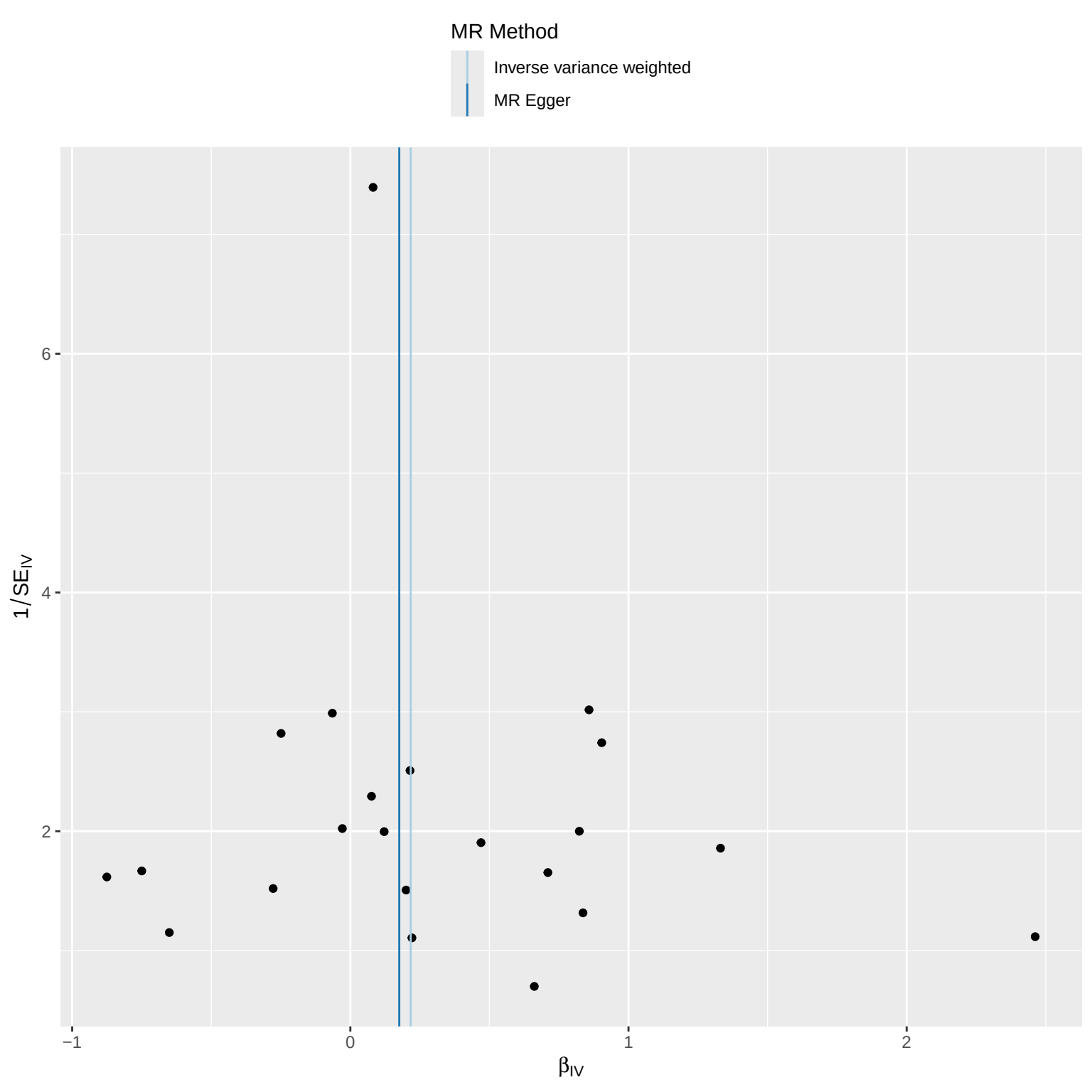

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−2
0
2
β_IV

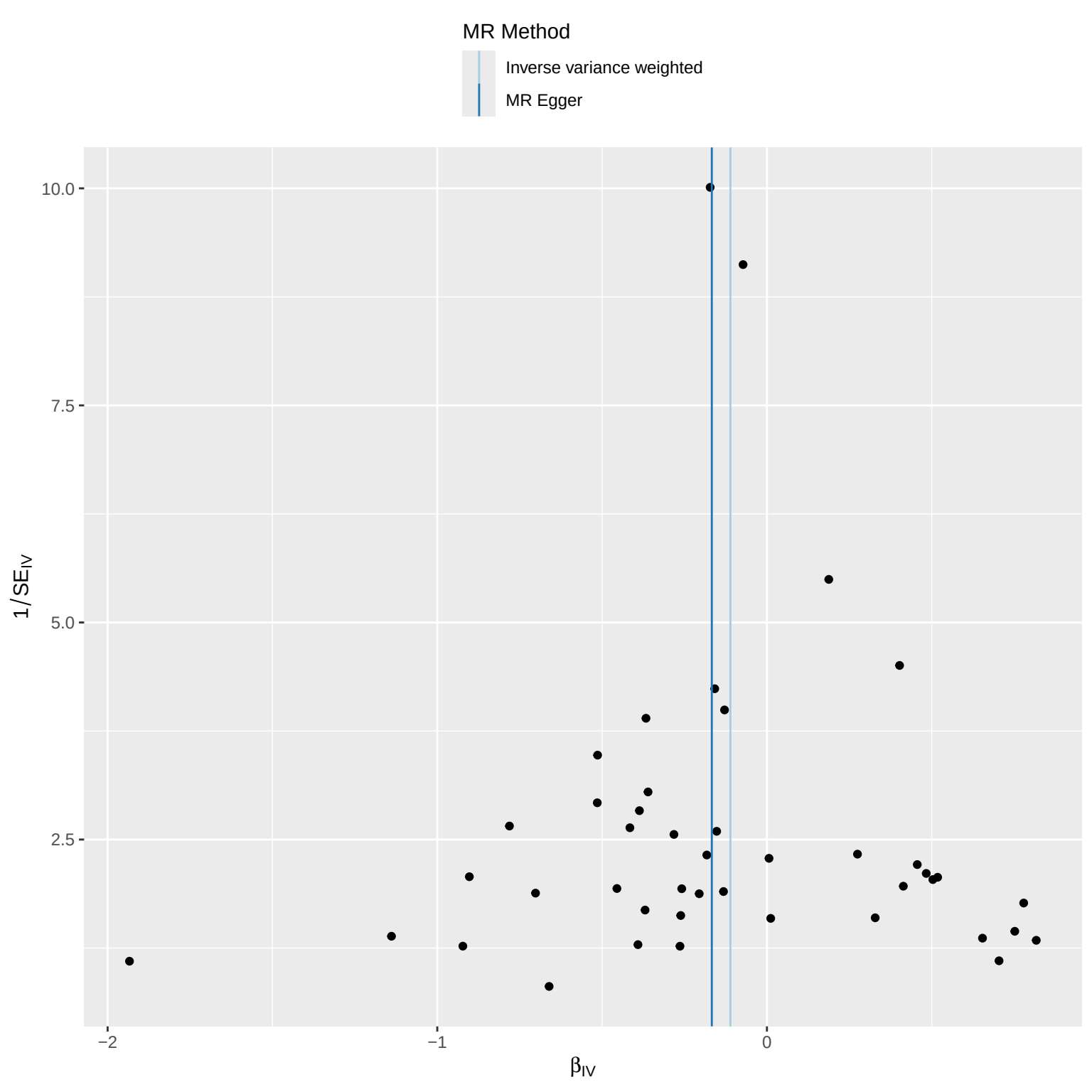

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

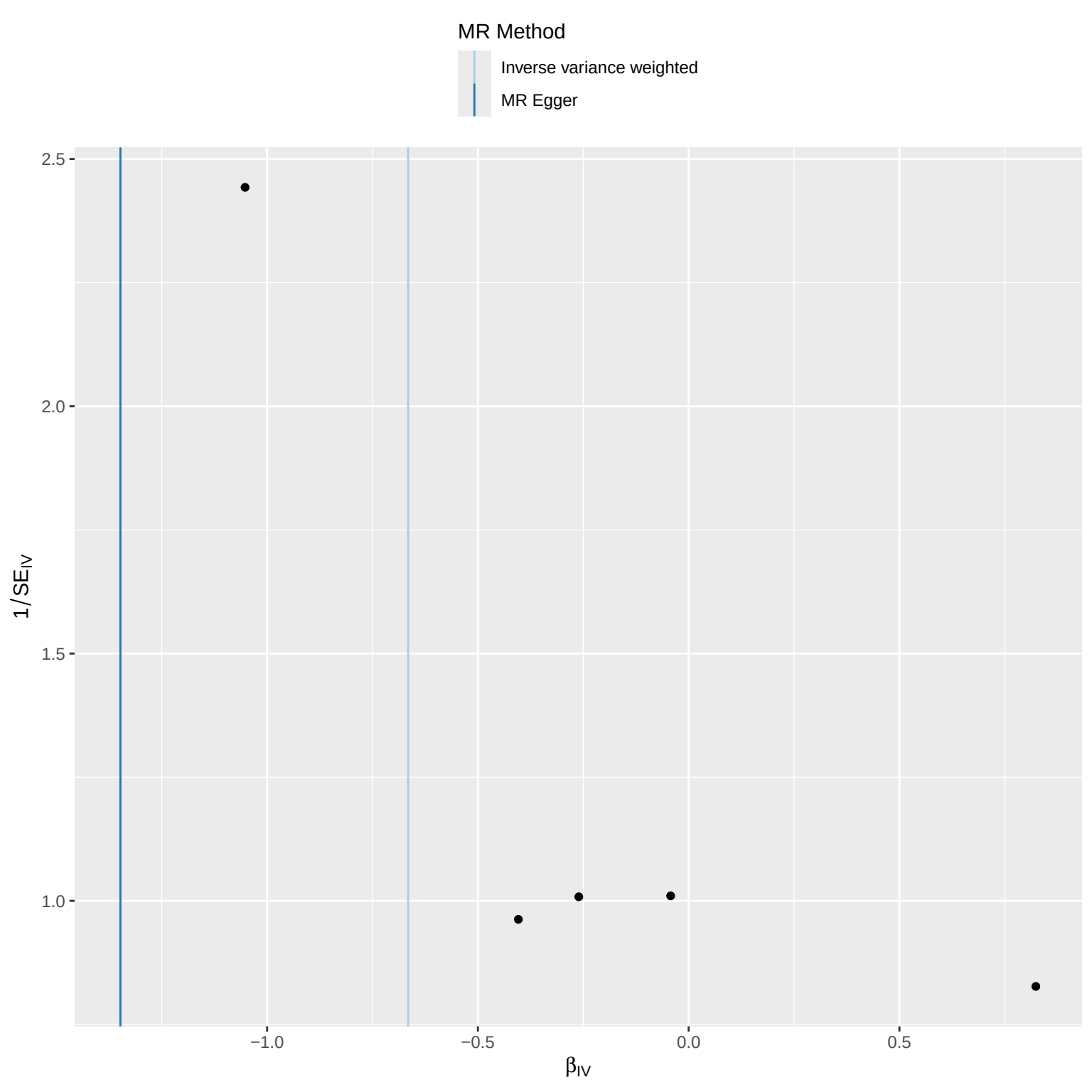

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0
1
β_IV

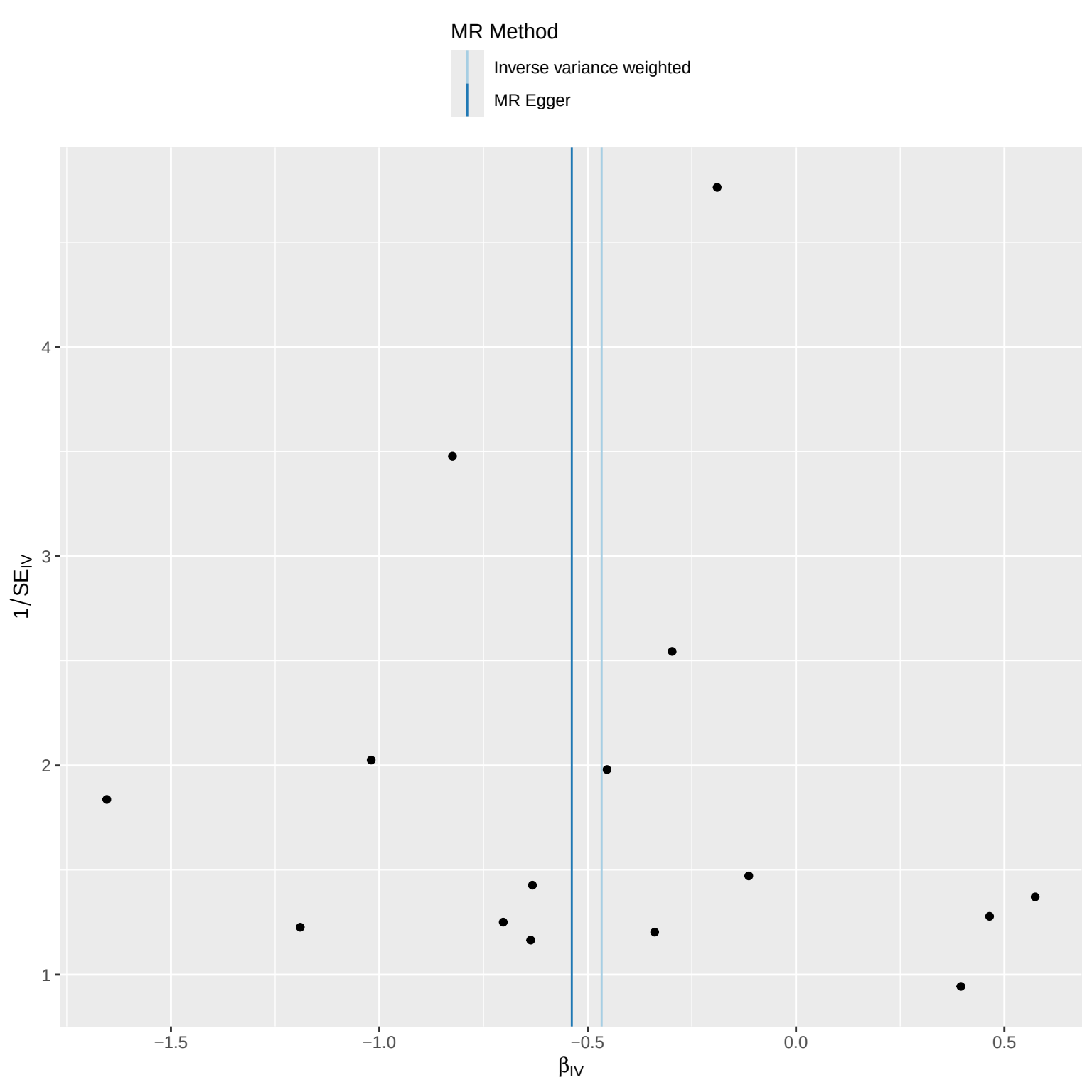

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

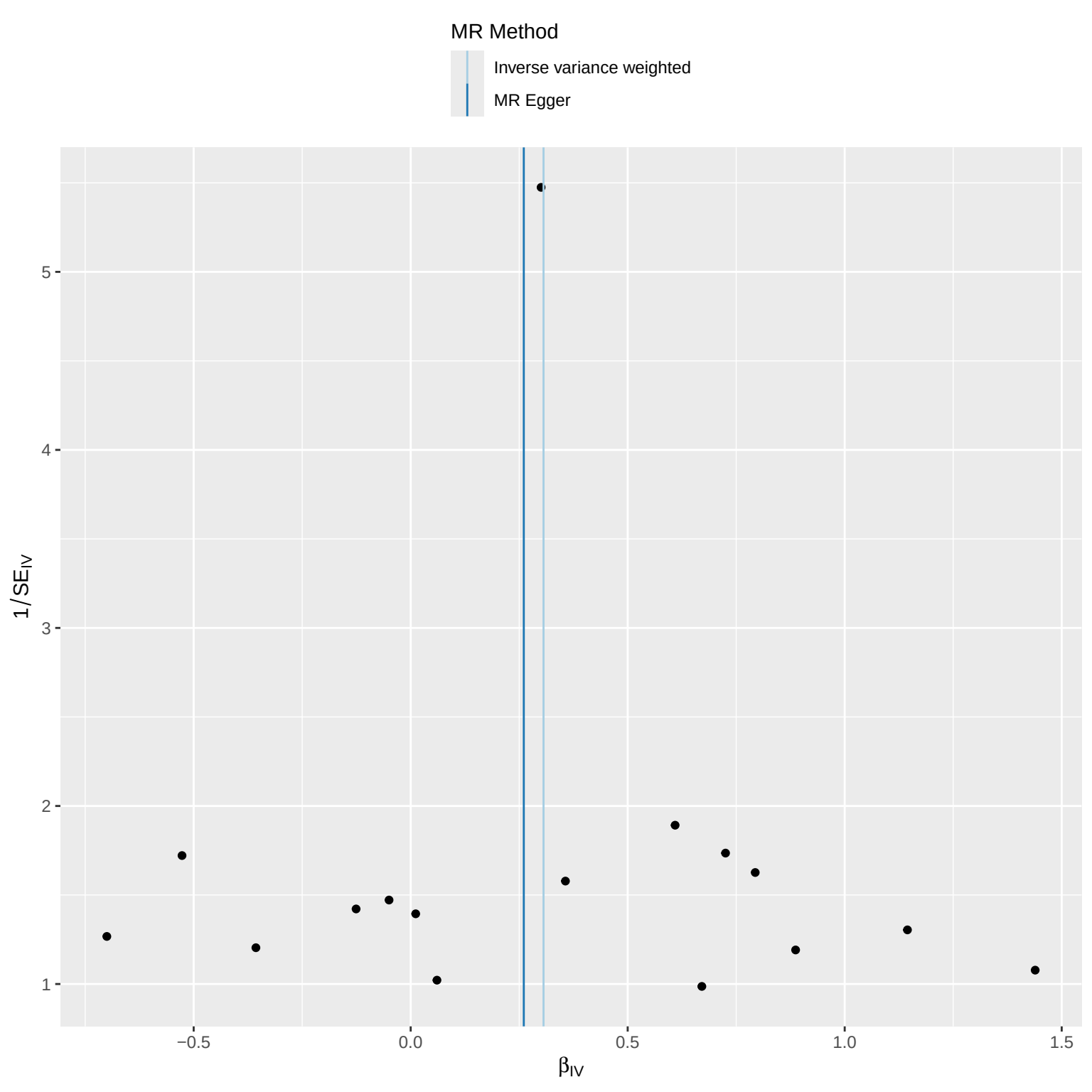

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

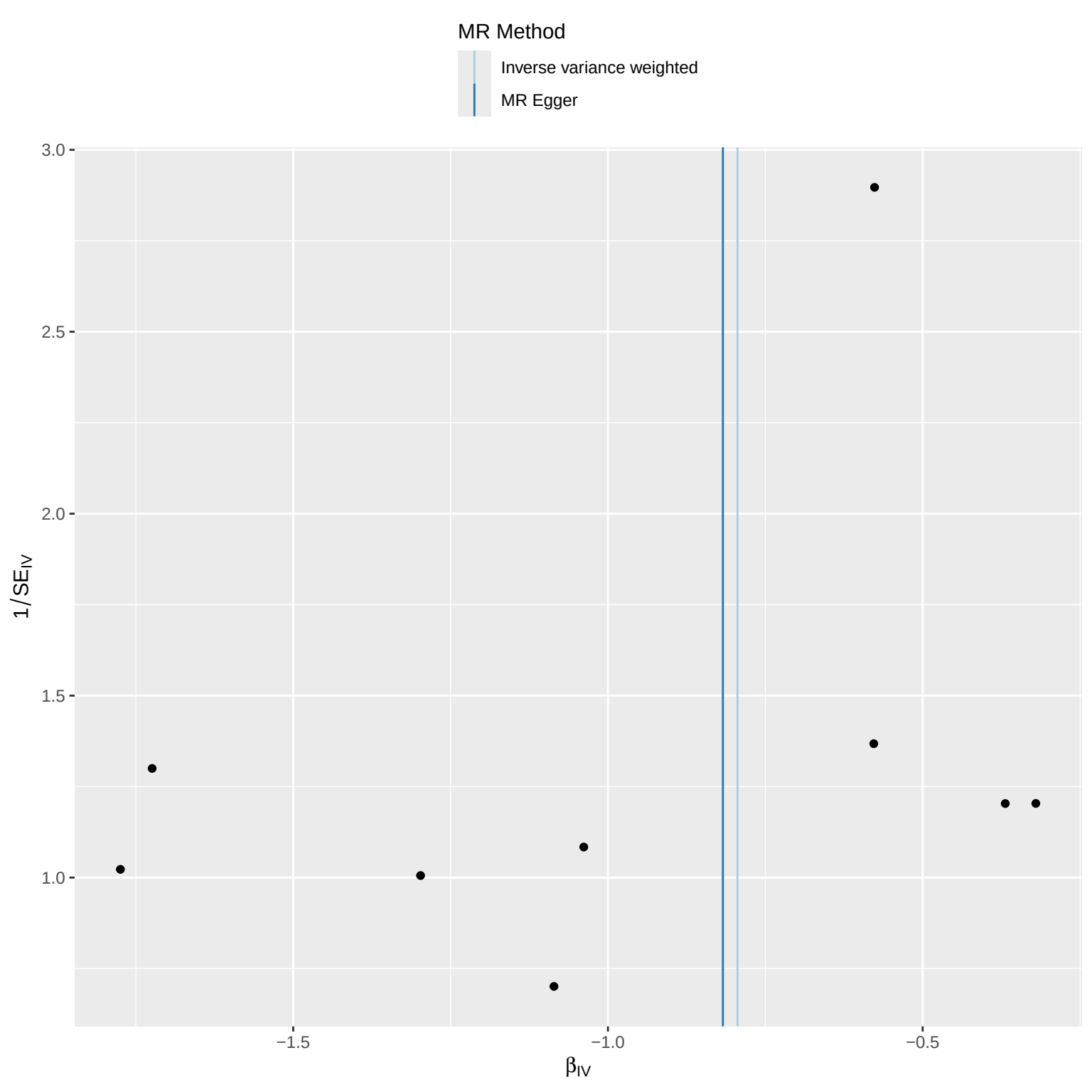

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

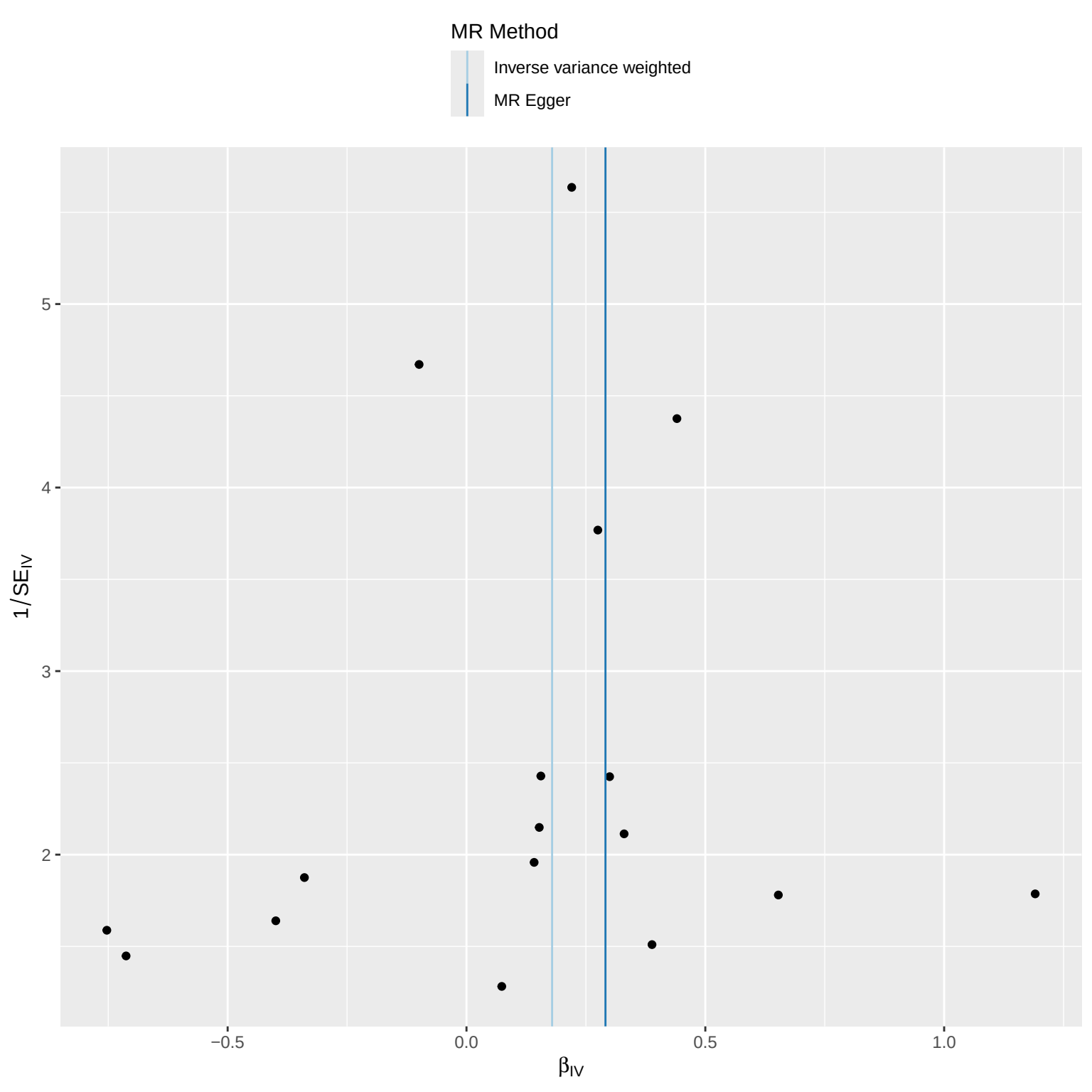

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
β_IV

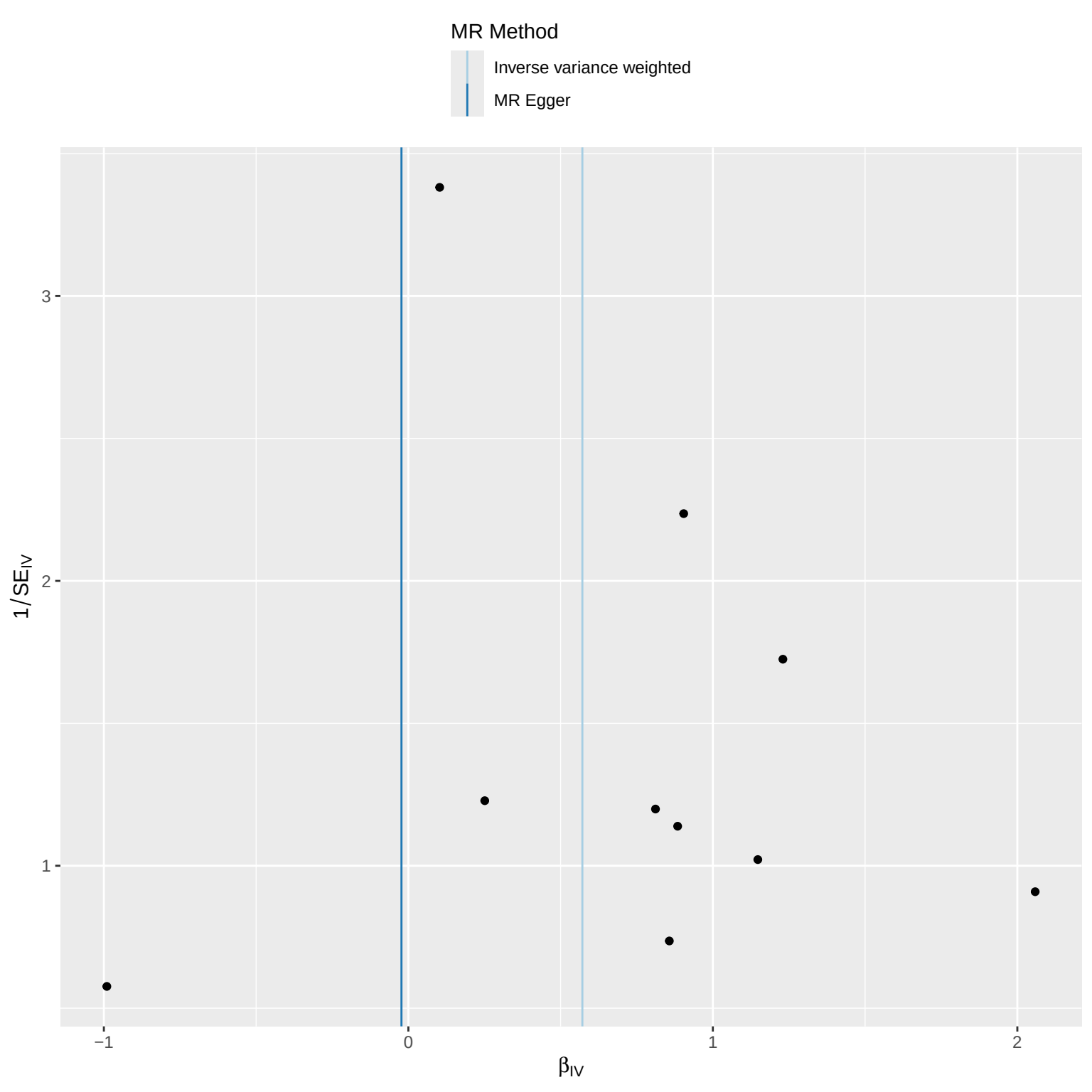

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

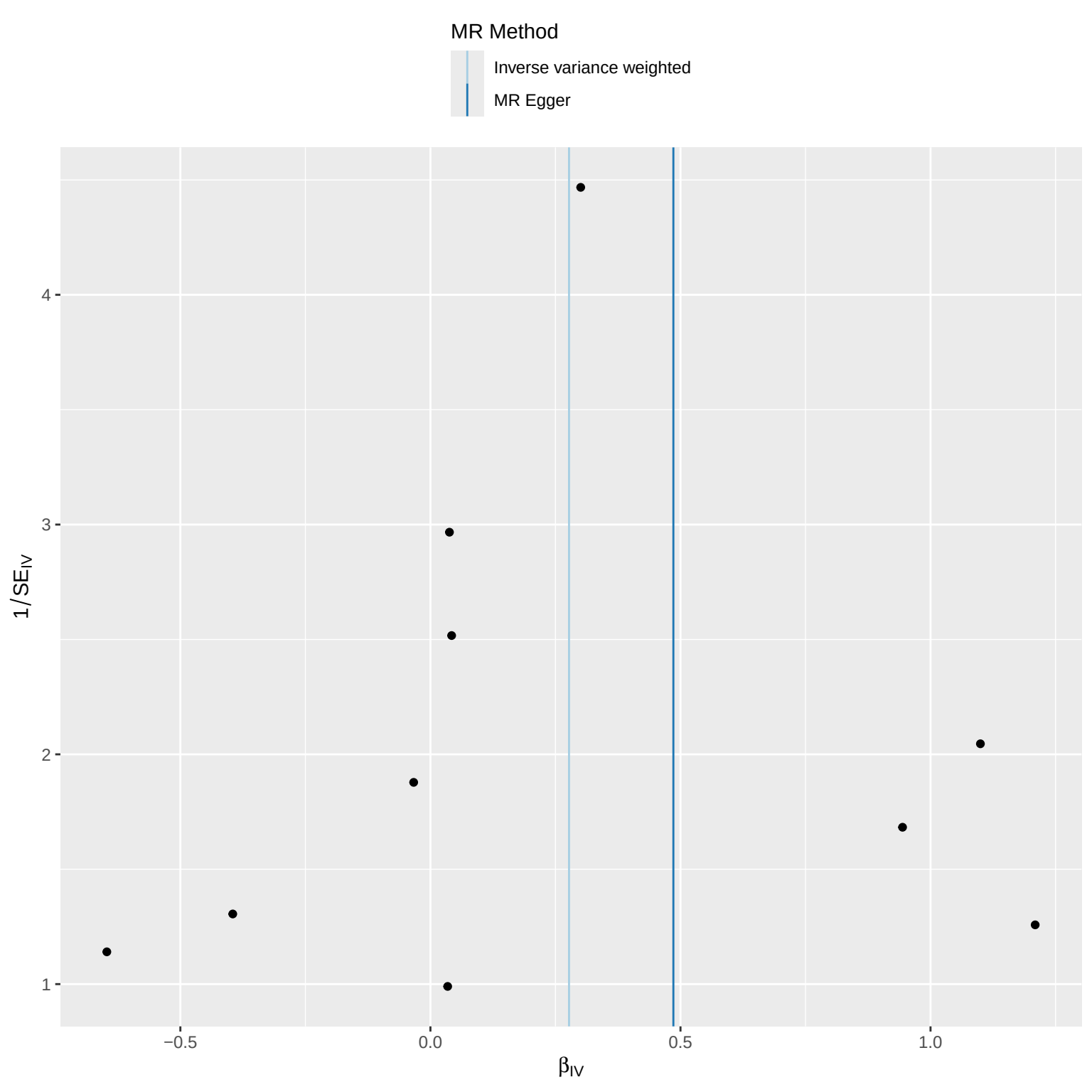

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

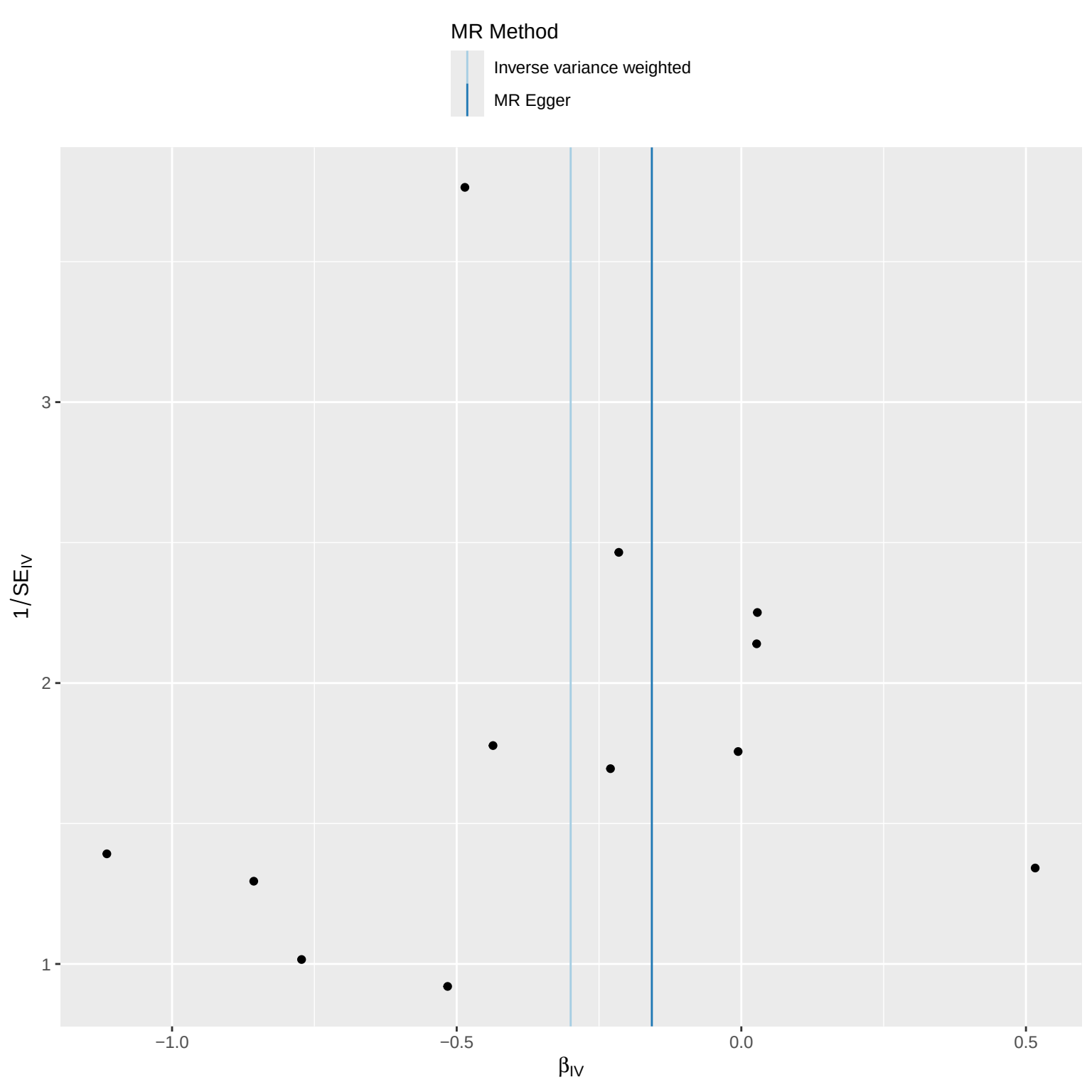

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

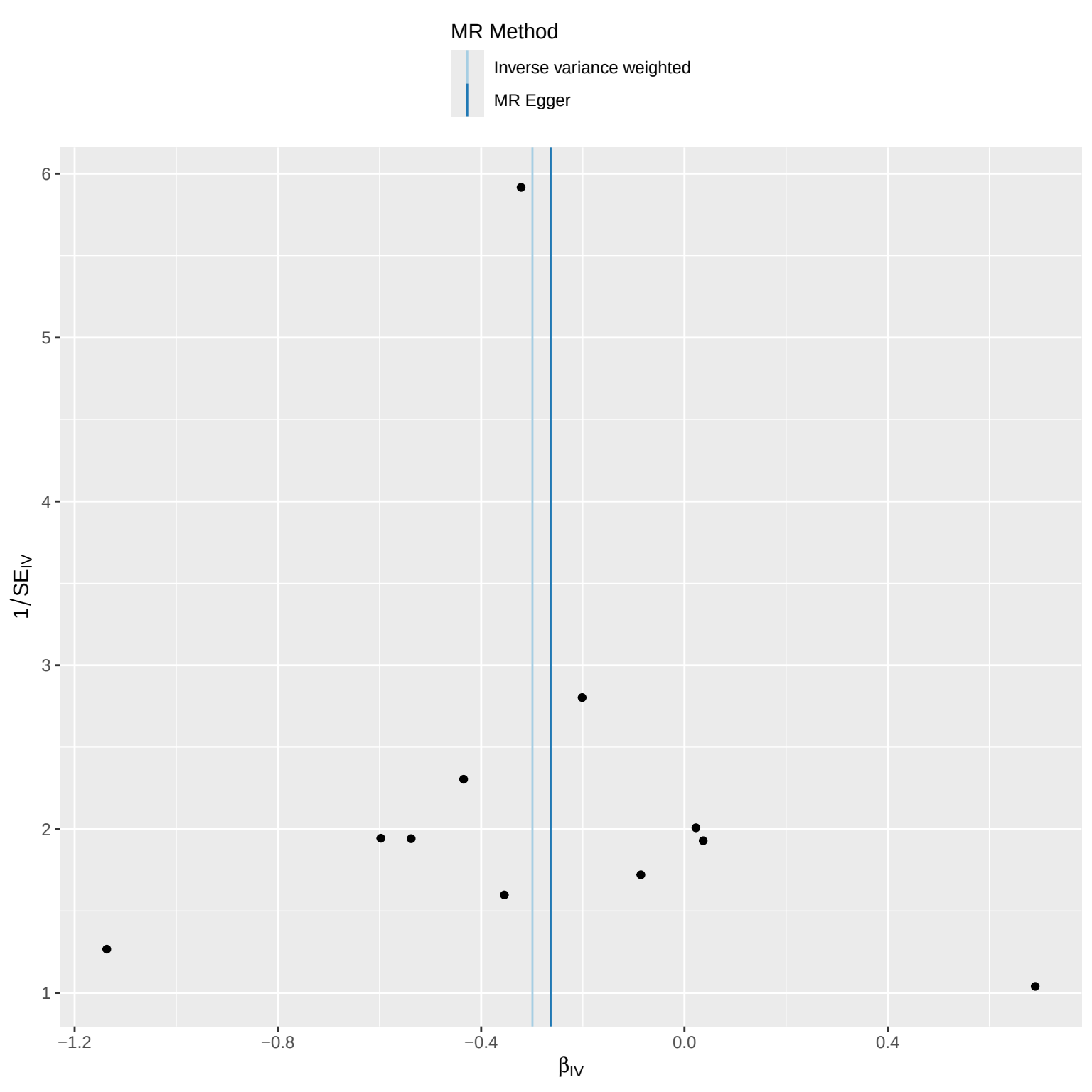

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
β_IV

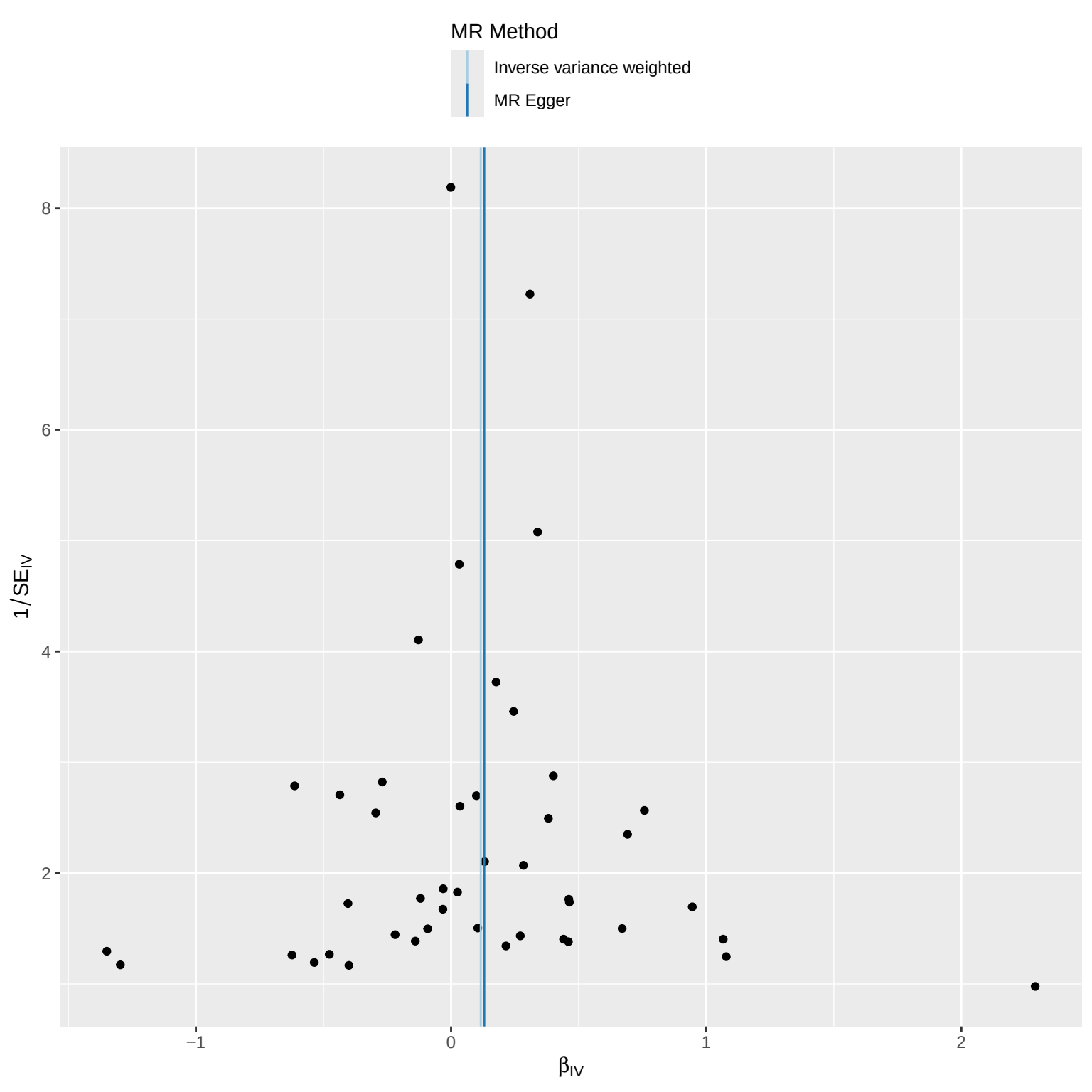

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

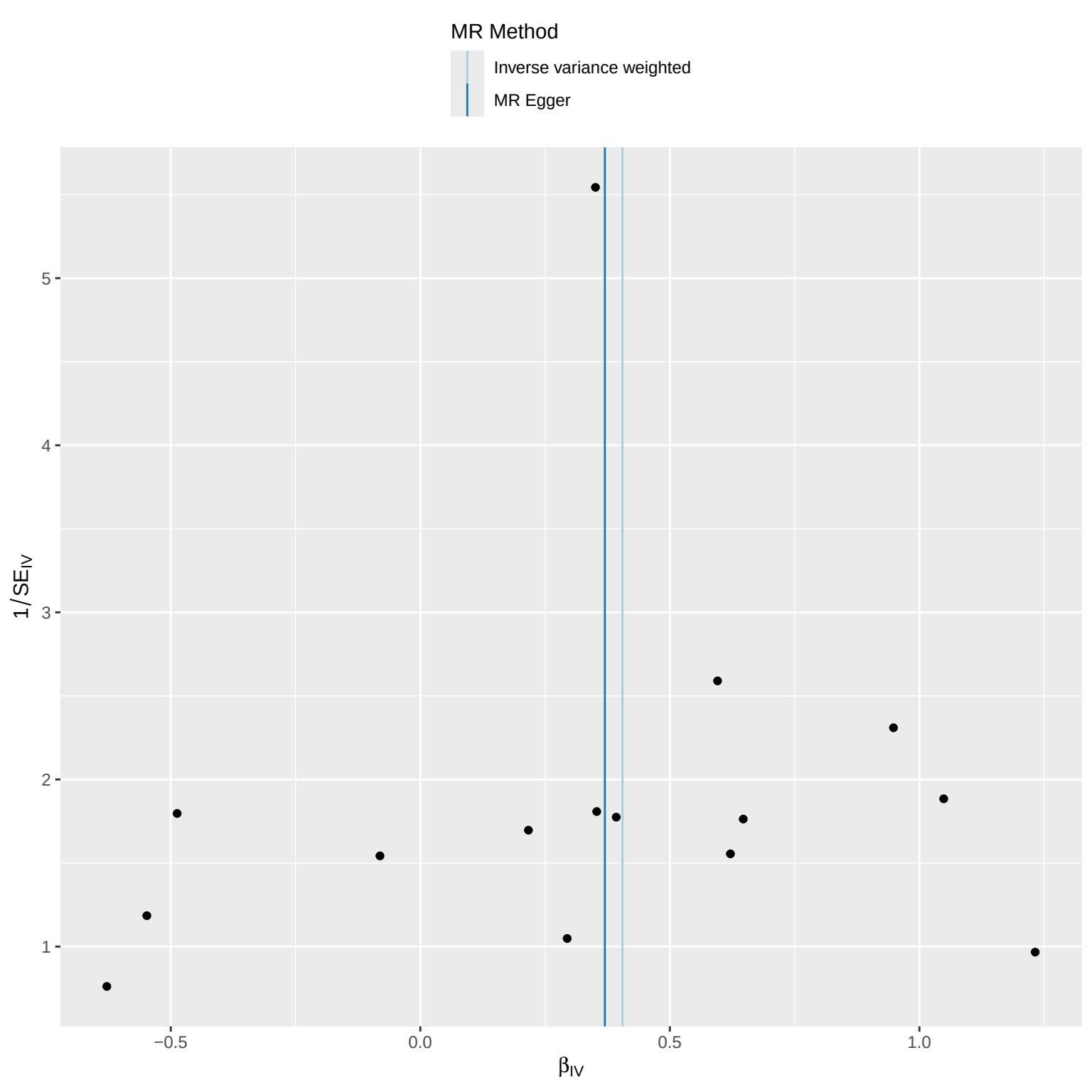

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

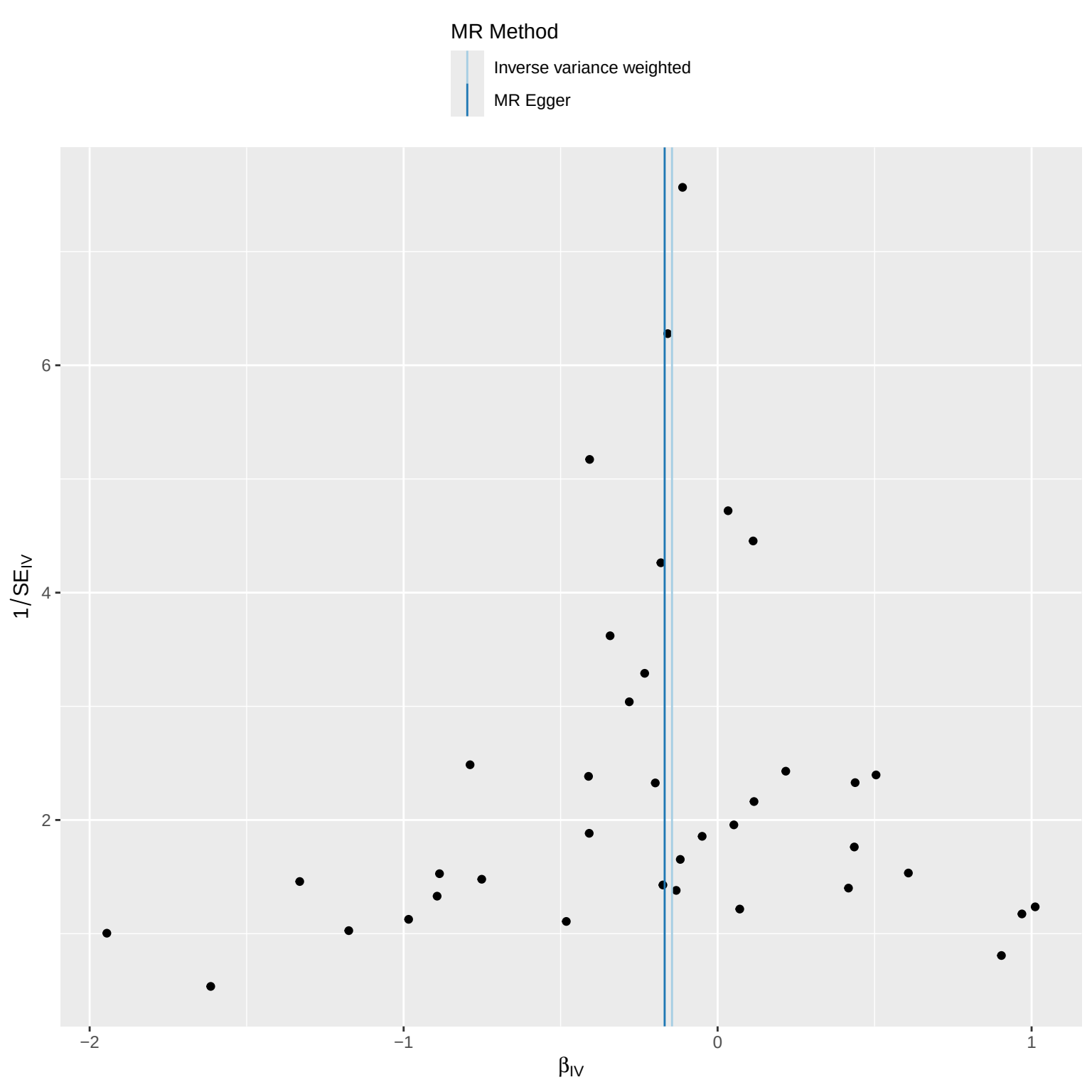

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

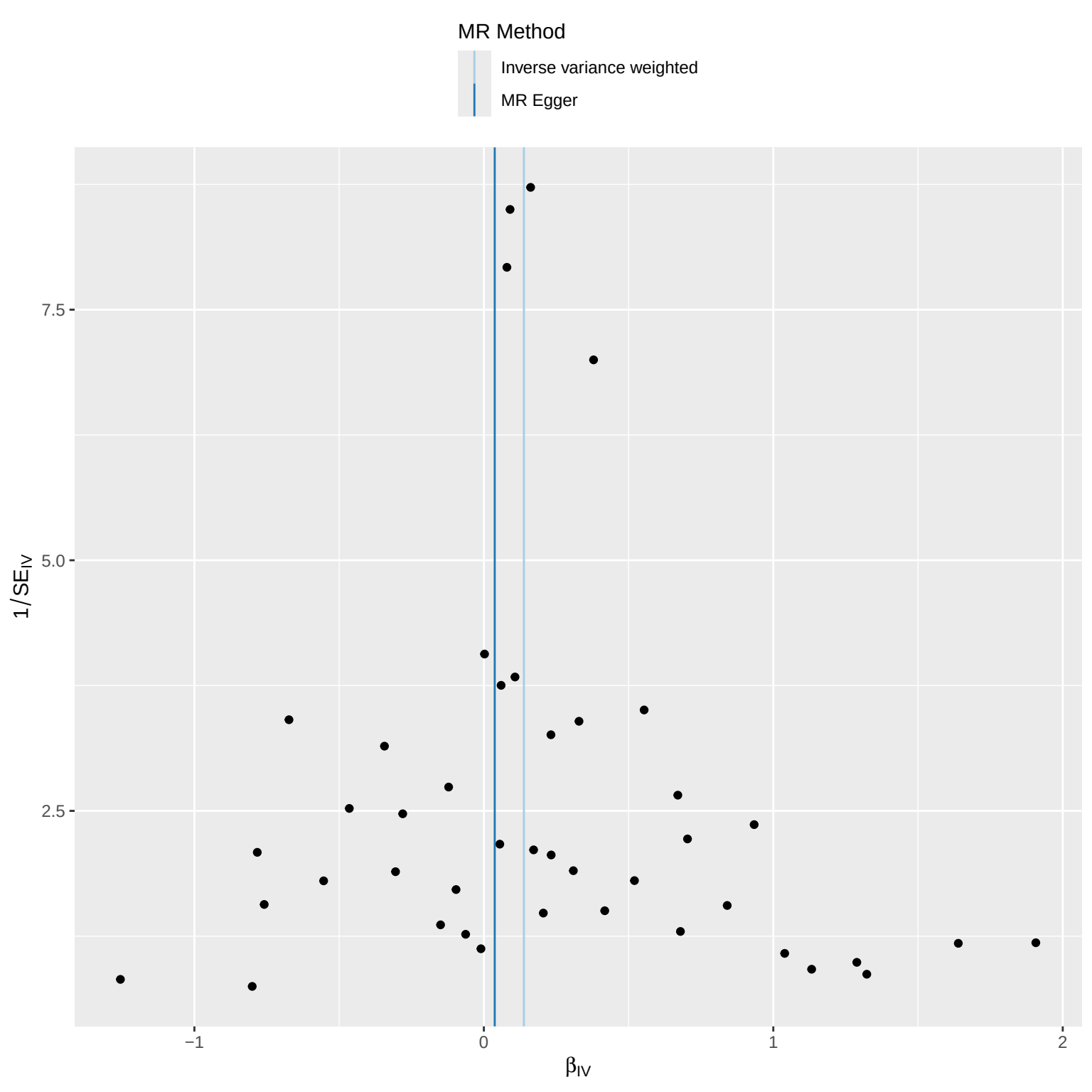

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

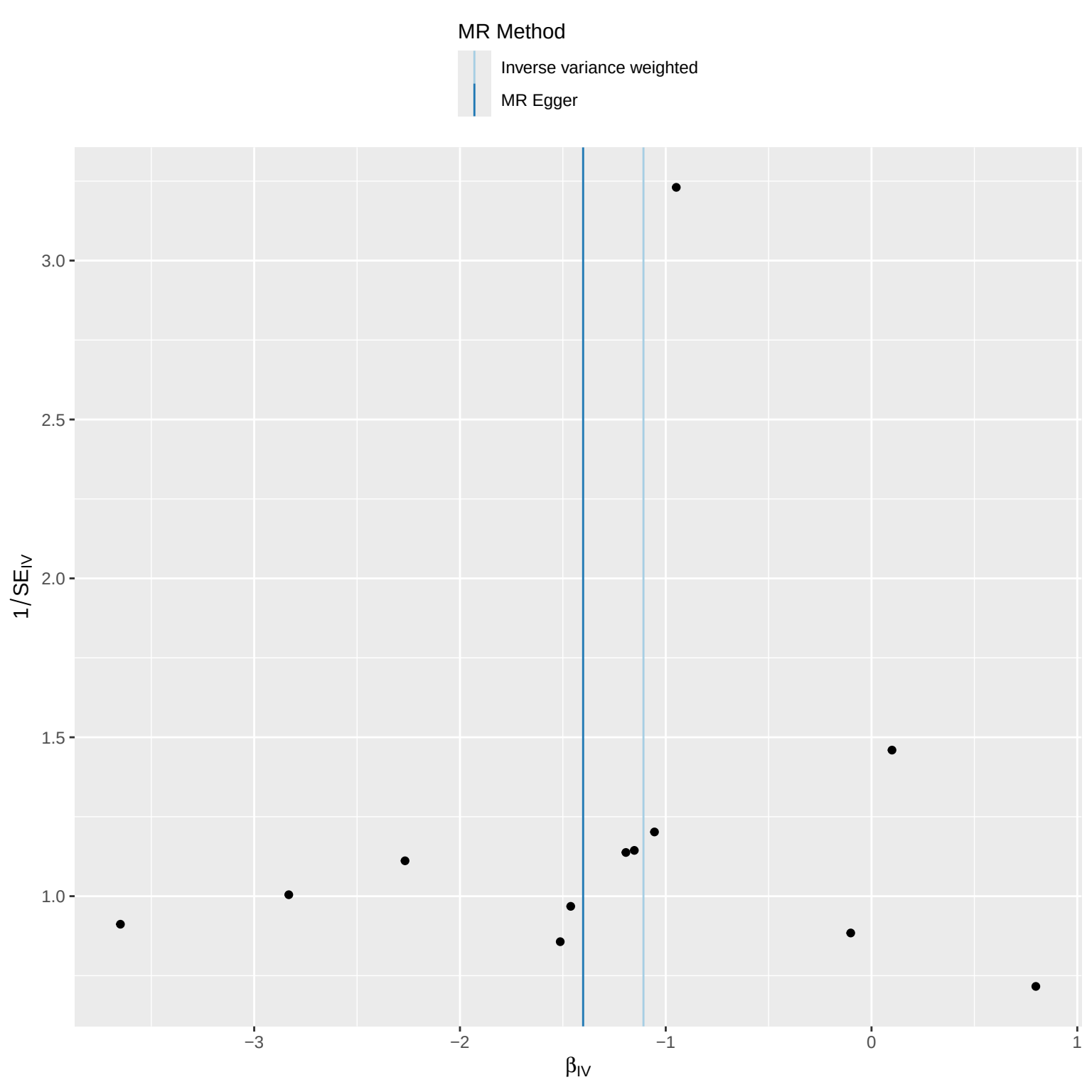

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.2
−0.8
−0.4
0.0
0.4
β_IV

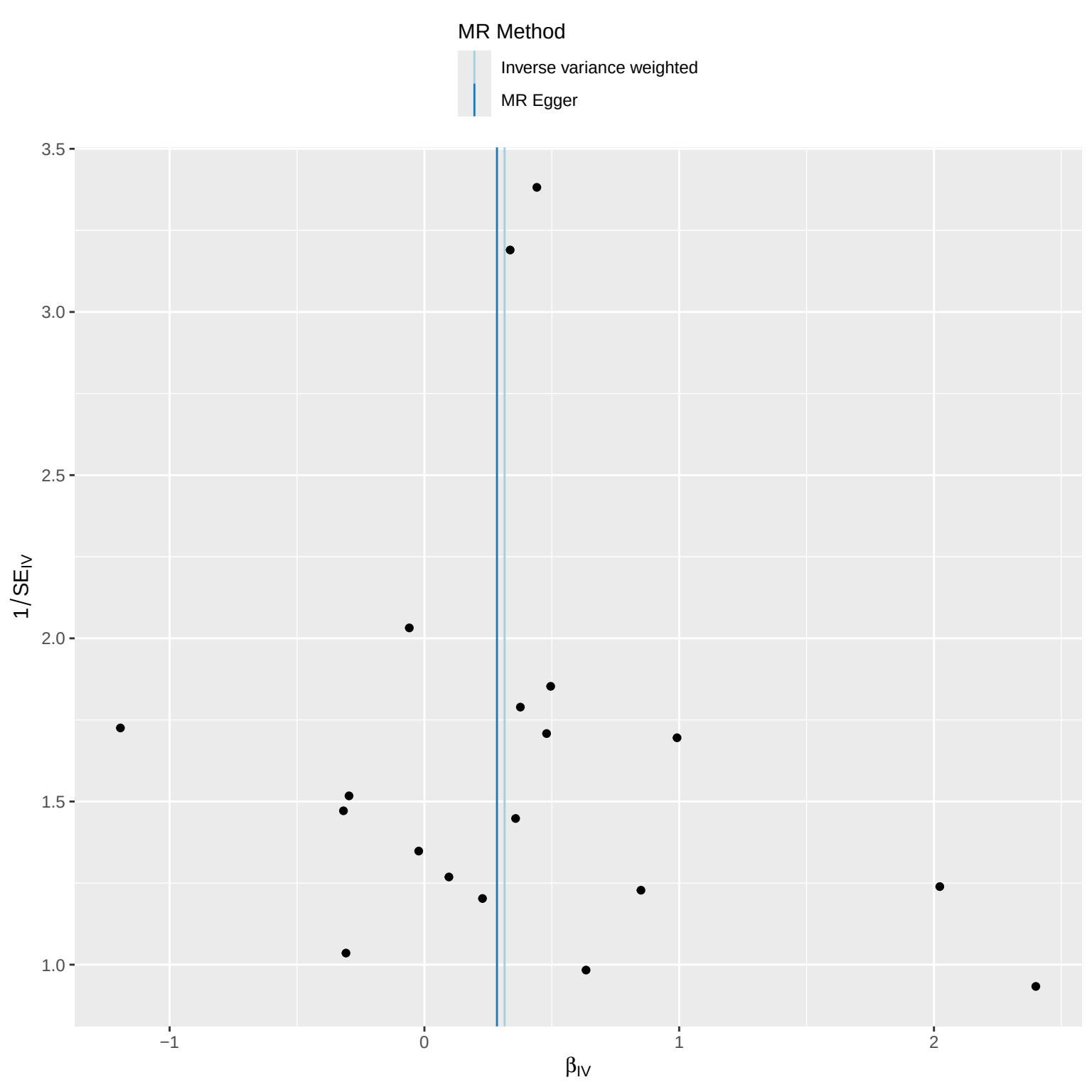

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

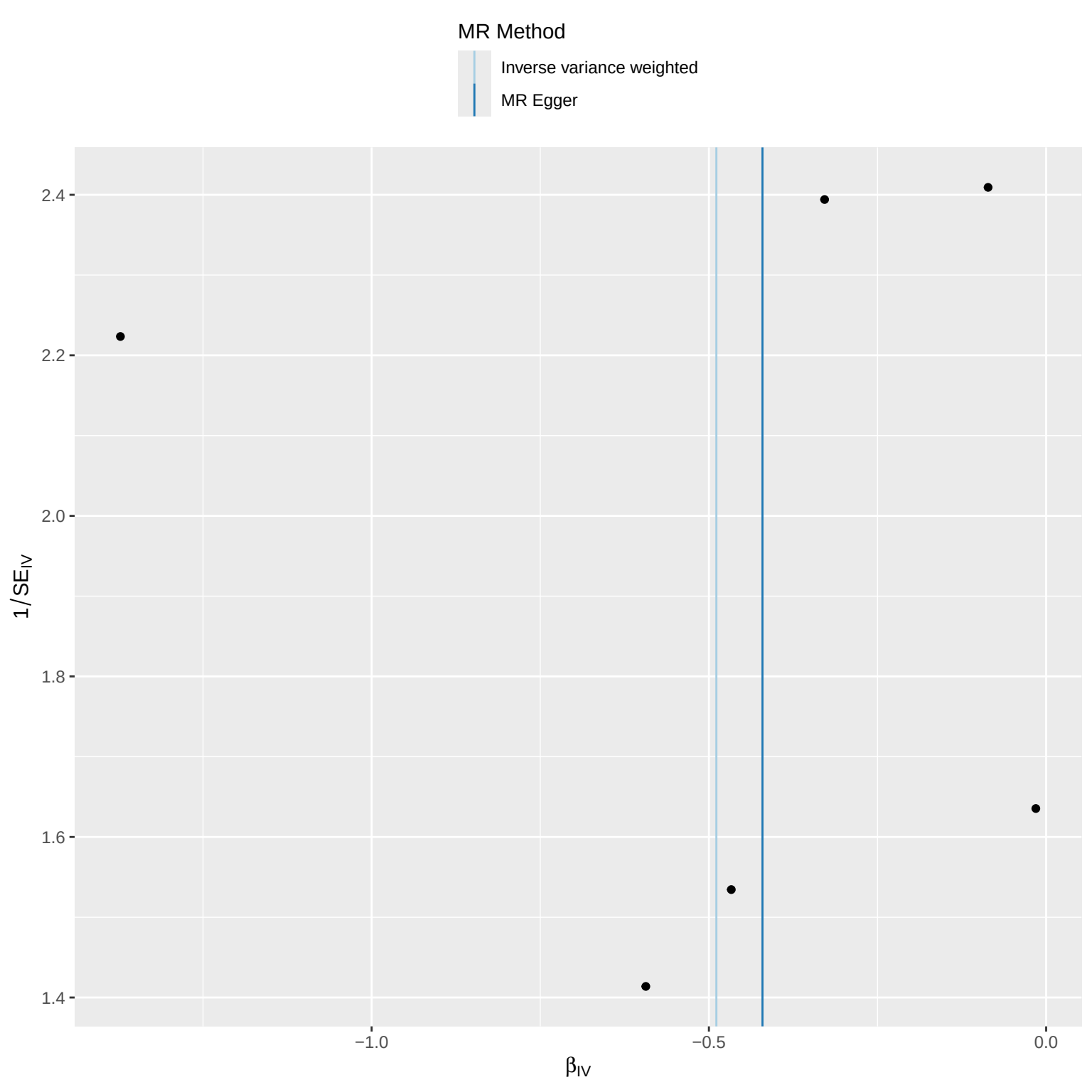

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

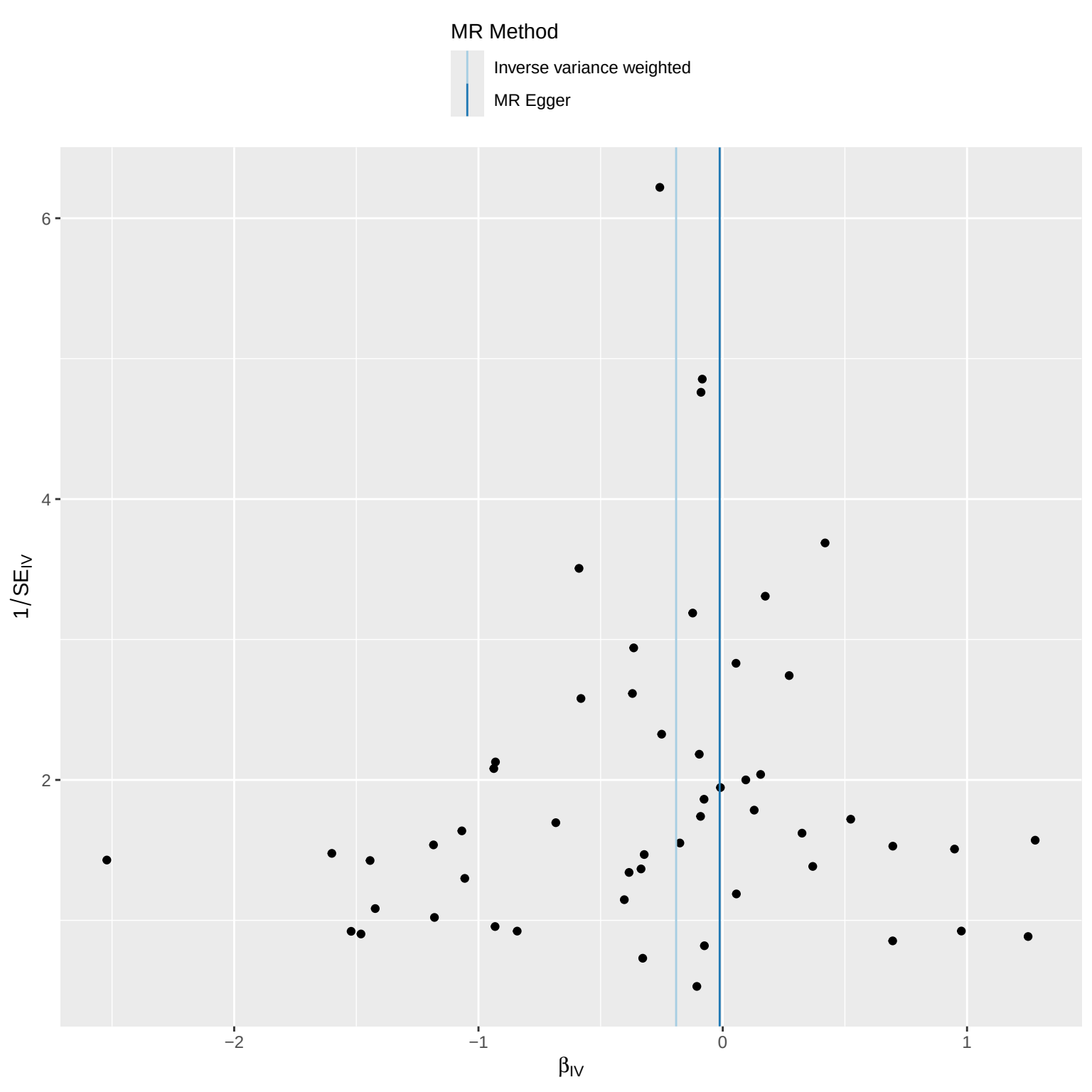

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

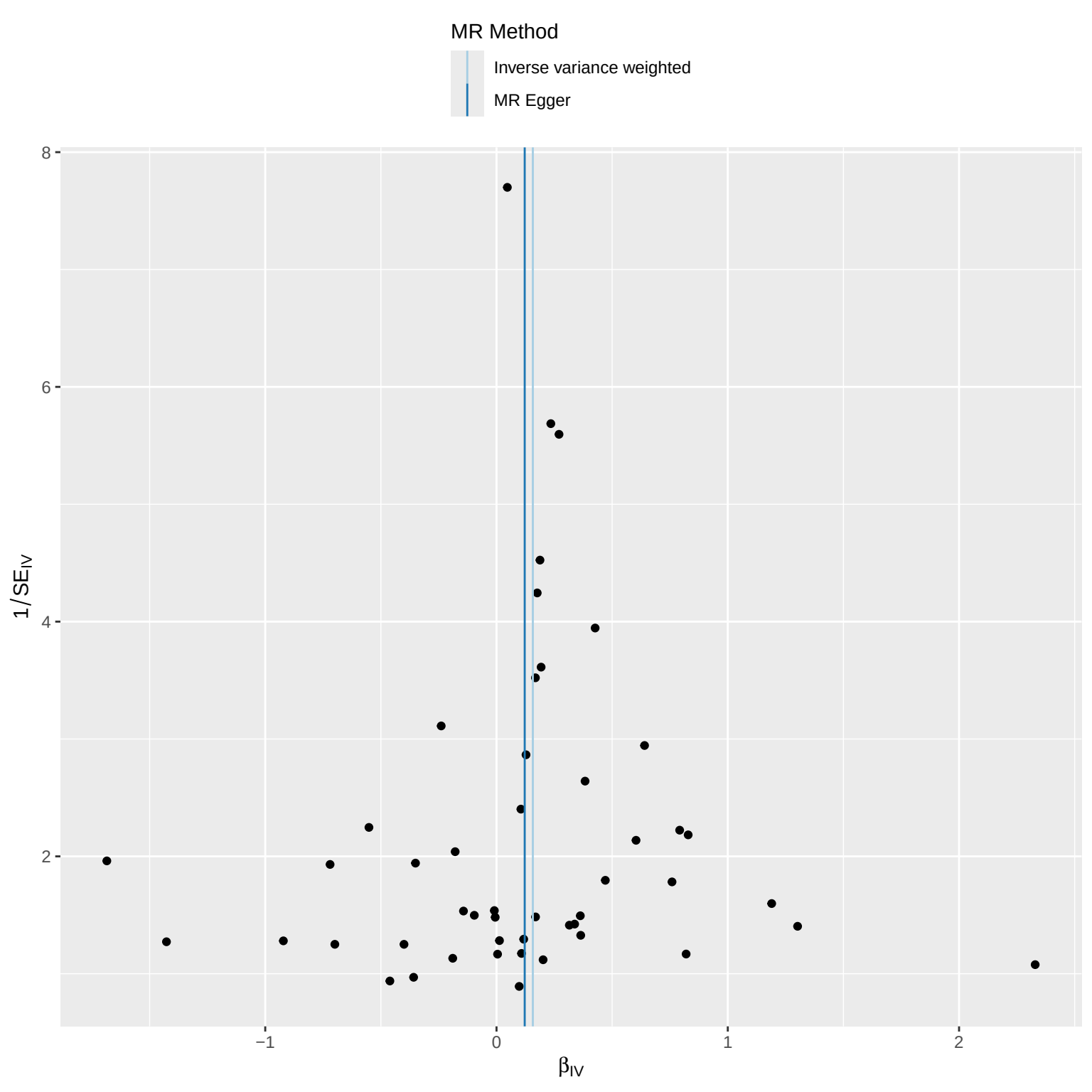

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

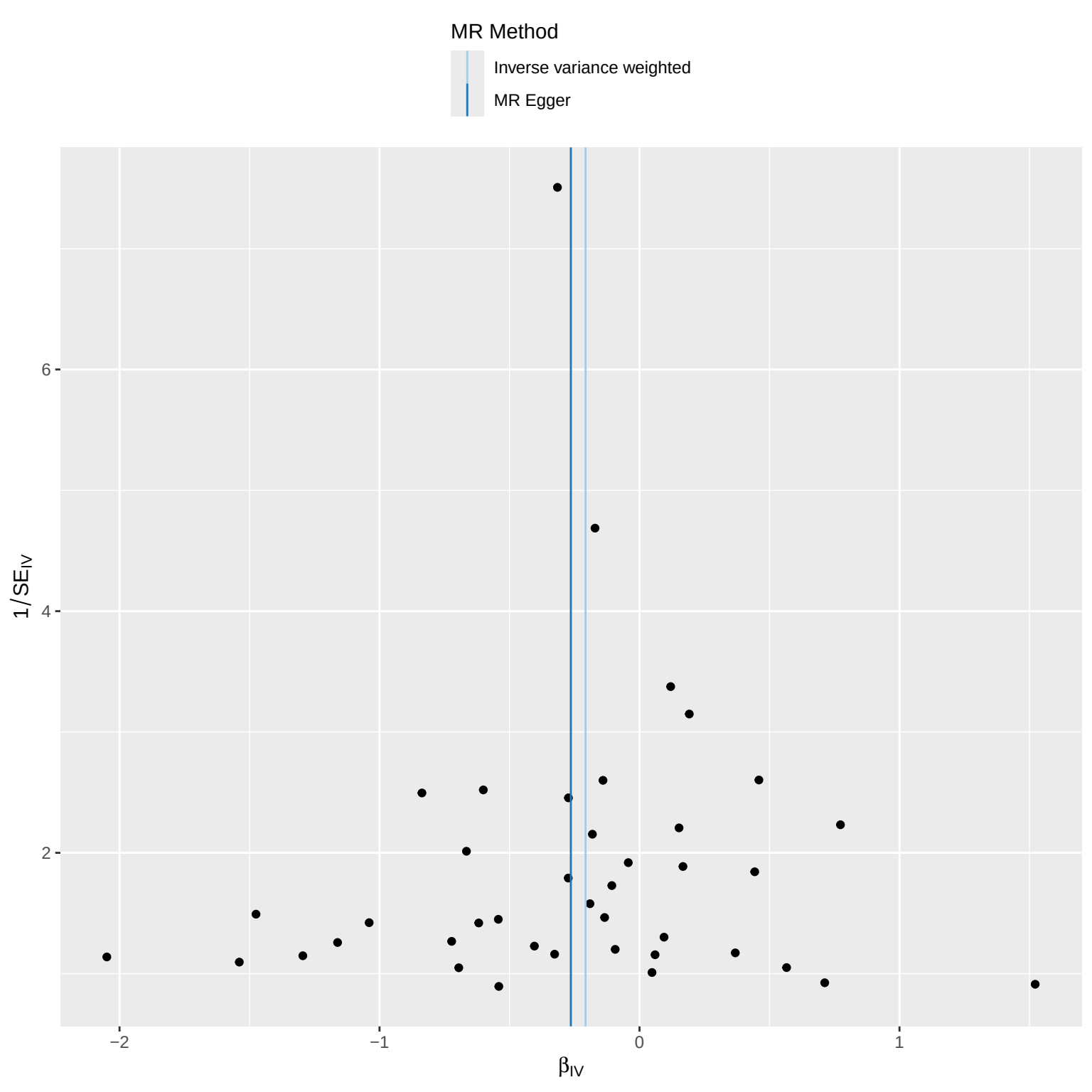

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
β_IV

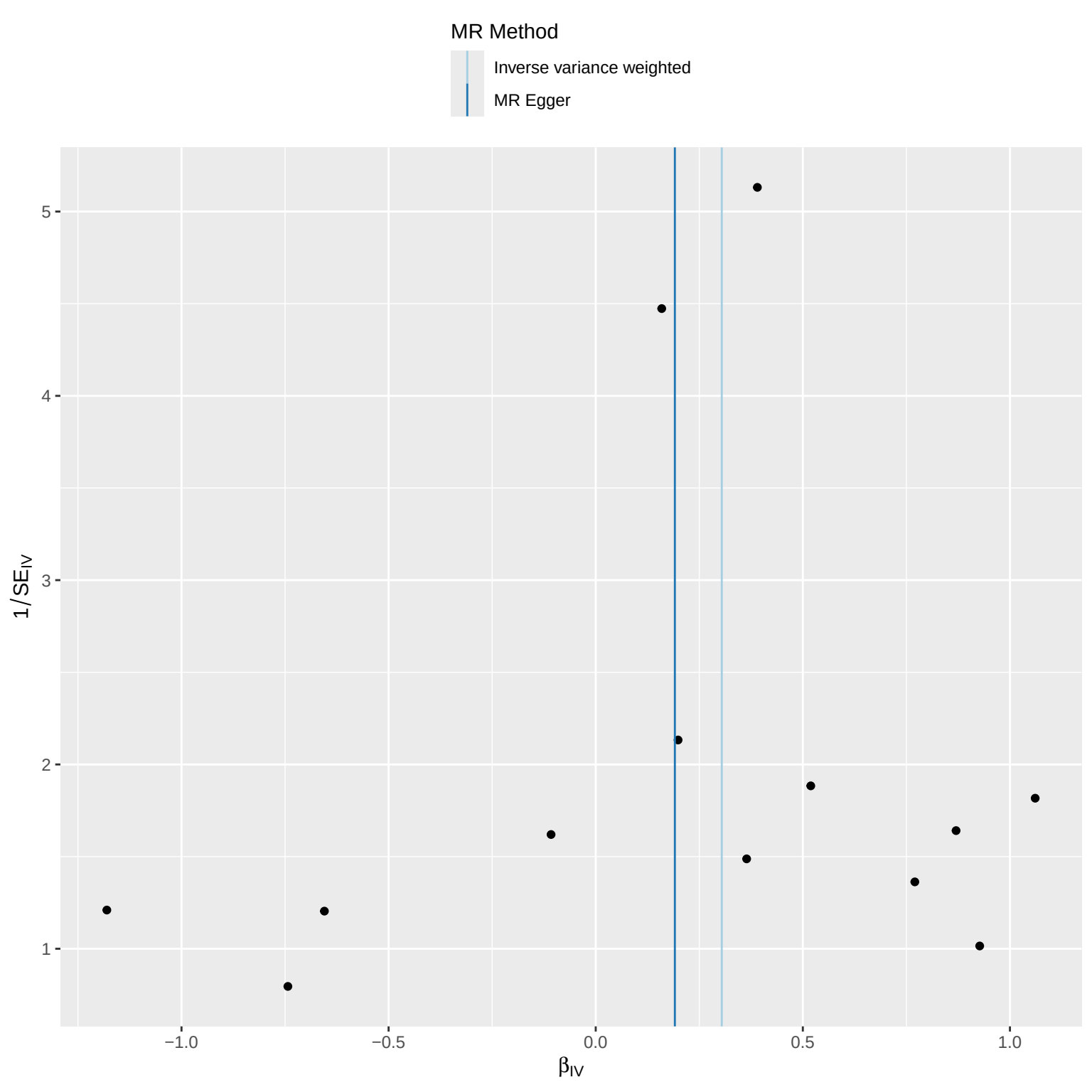

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

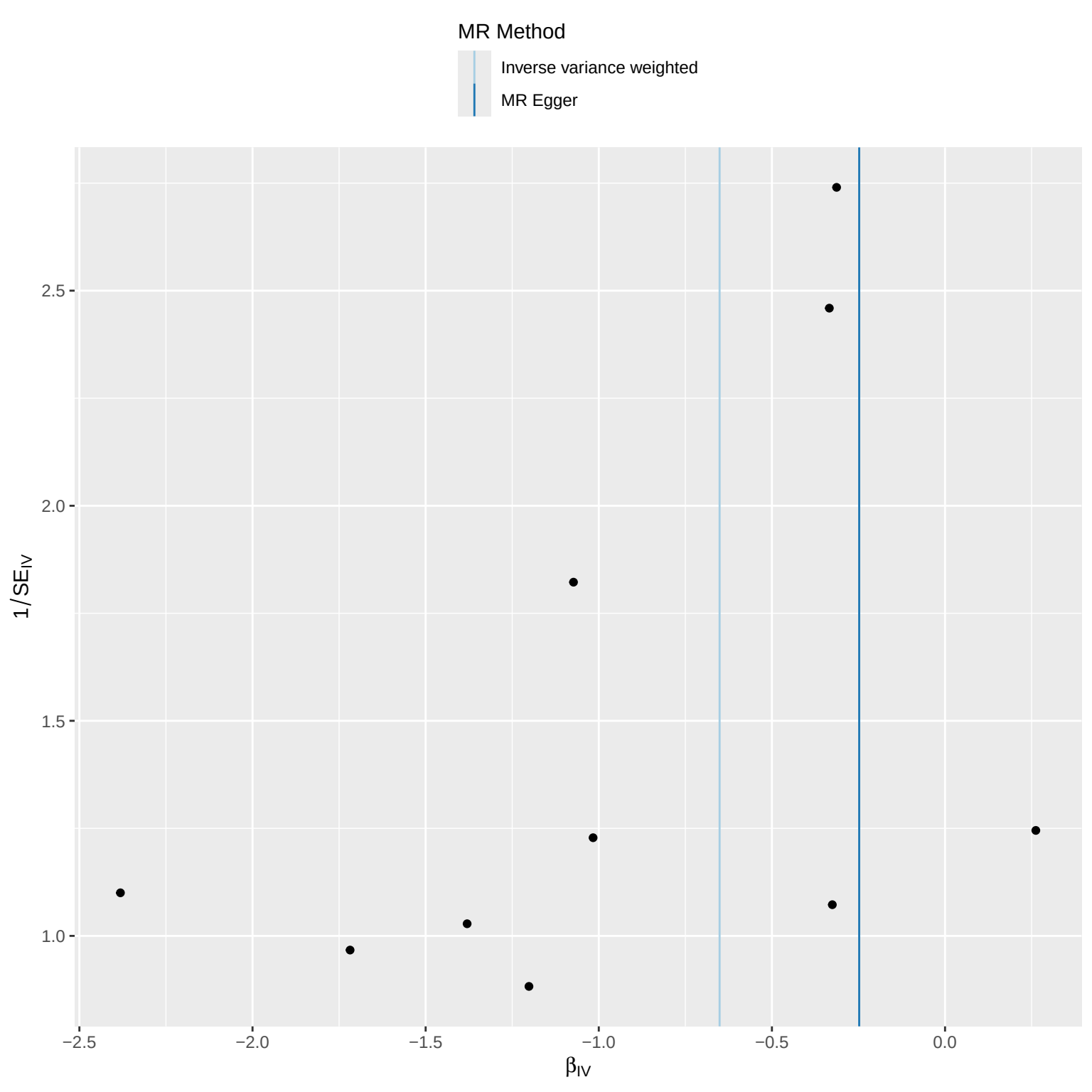

MR Method
Inverse variance weighted
MR Egger
2.4
2.2
2.0
1.8
1.6
1.4
1/SE_IV
−1.0
−0.5
0.0
β_IV

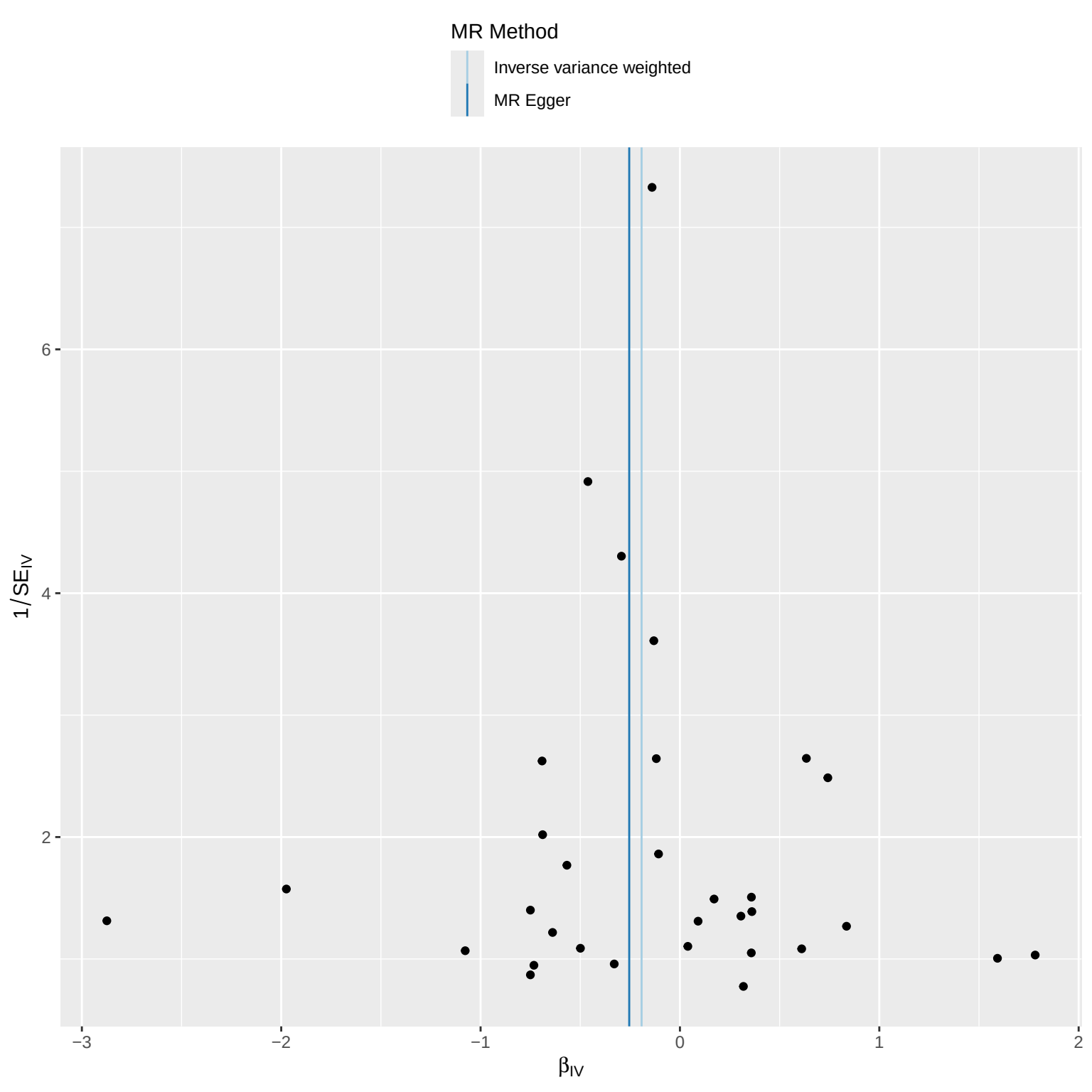

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

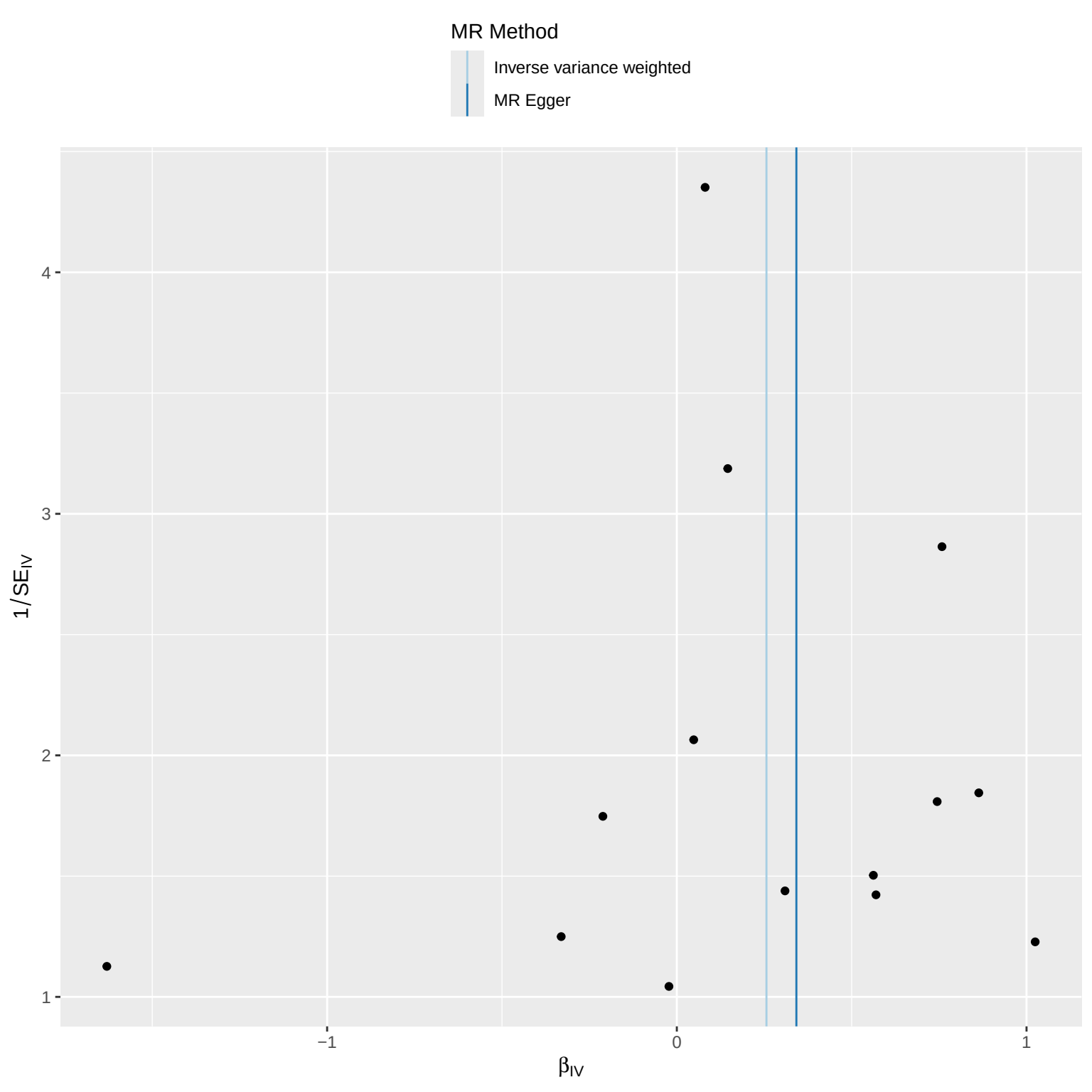

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

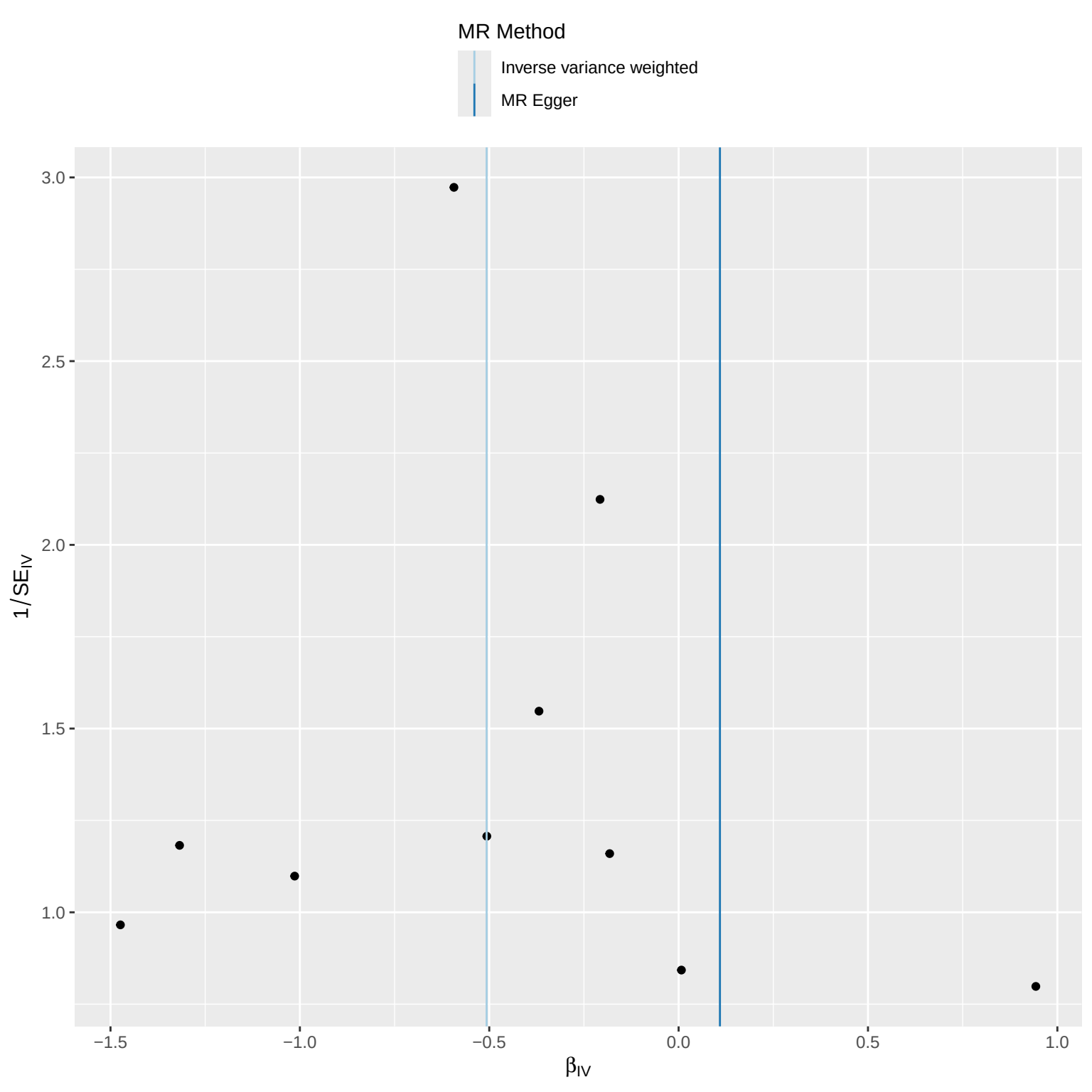

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

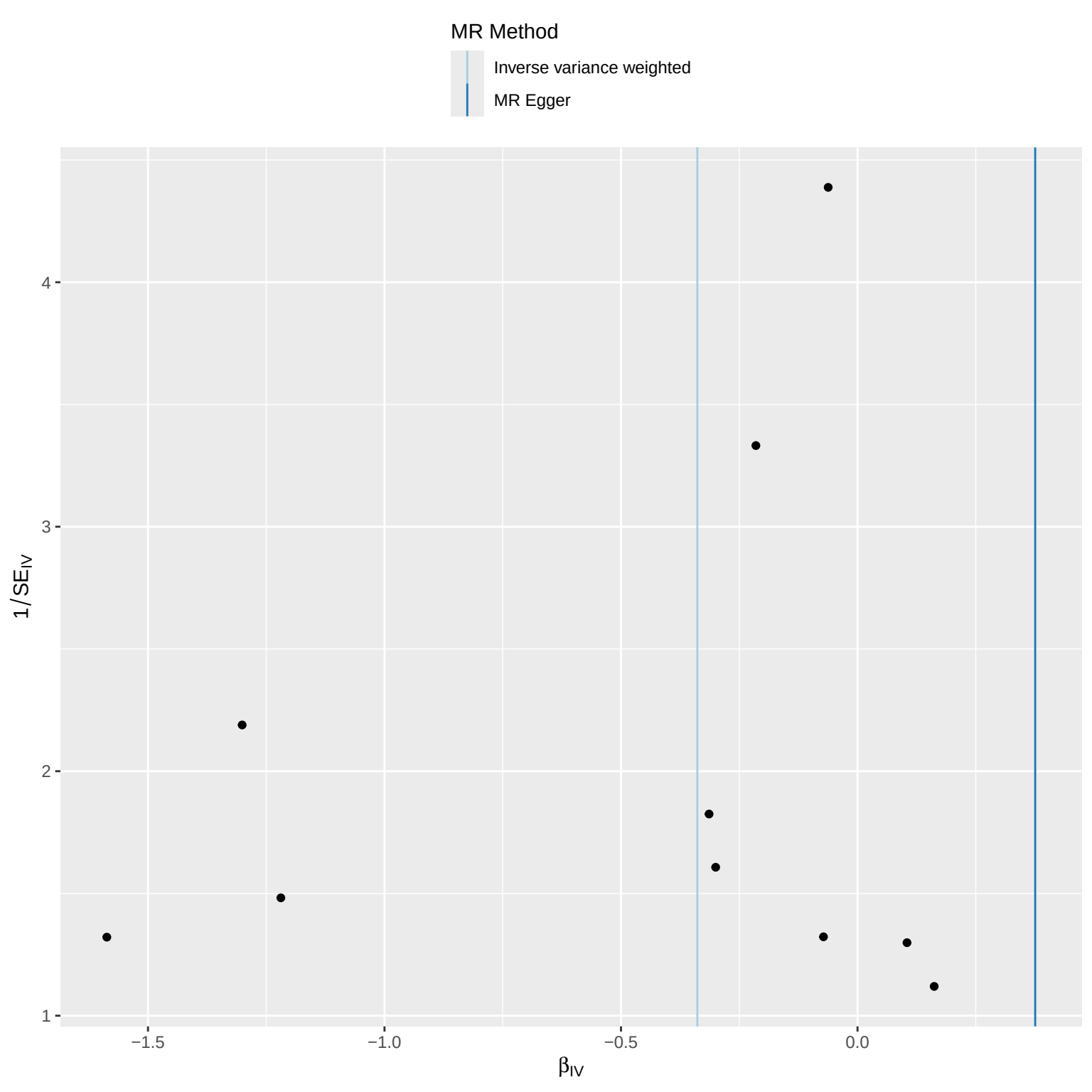

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

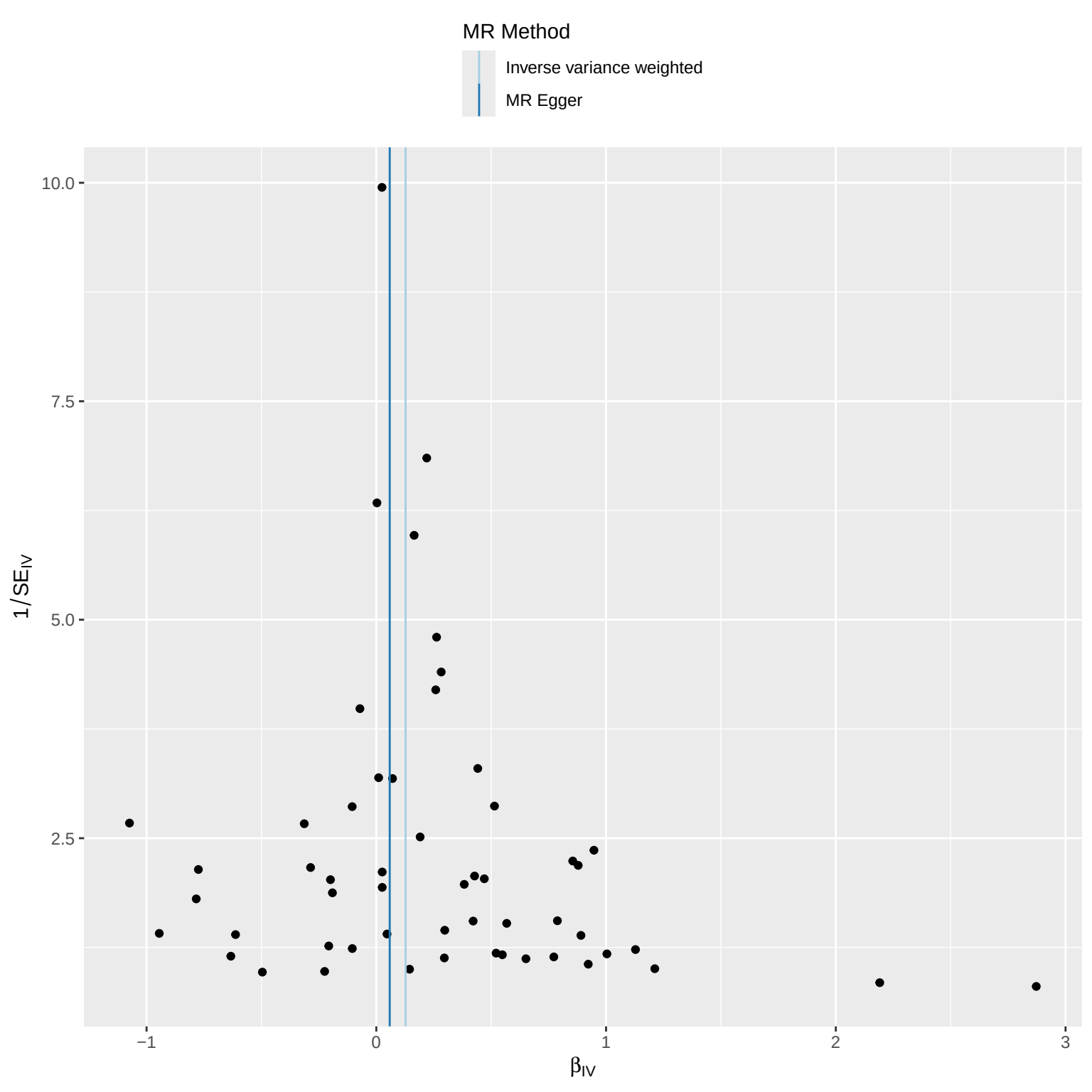

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

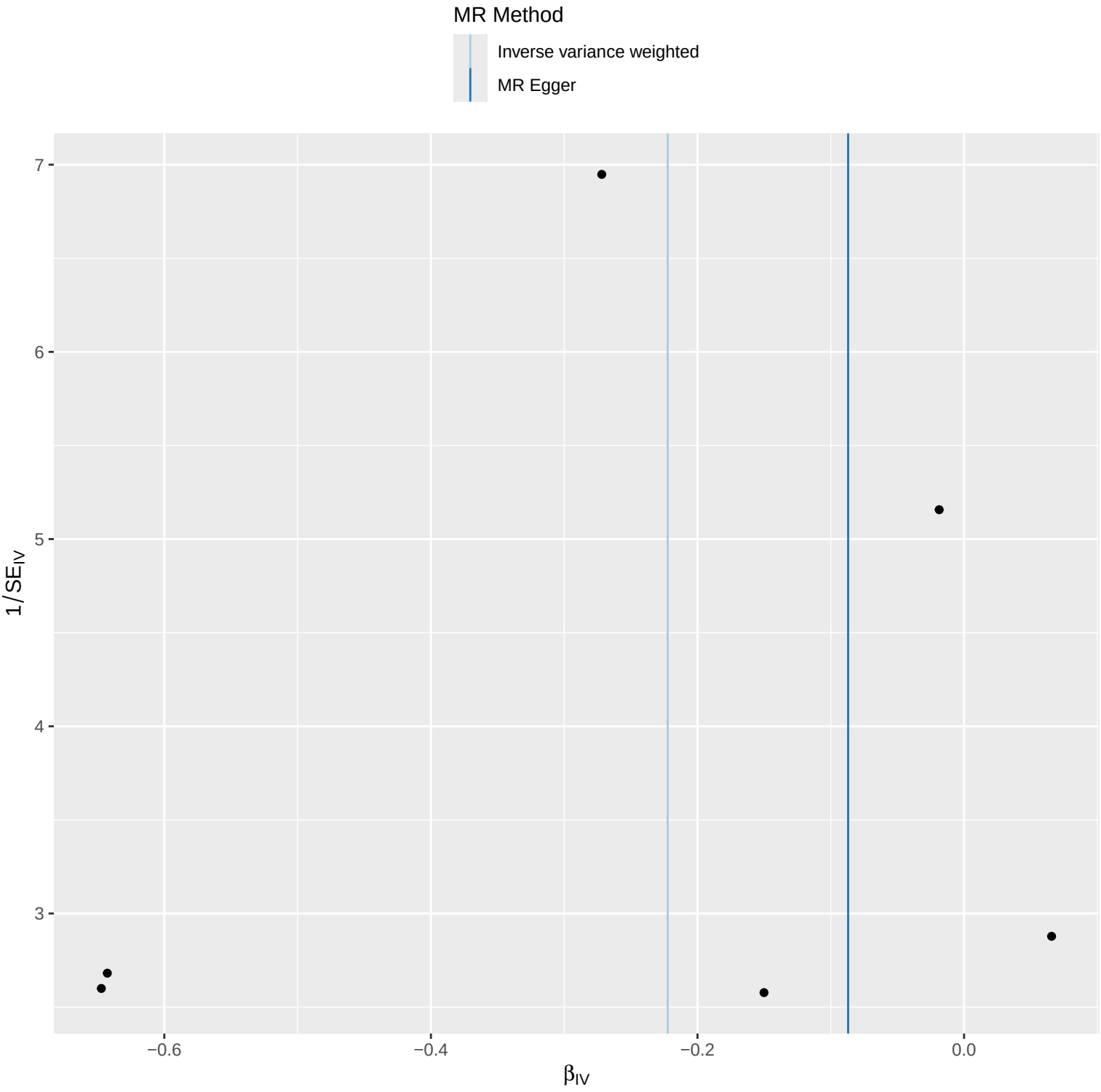

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

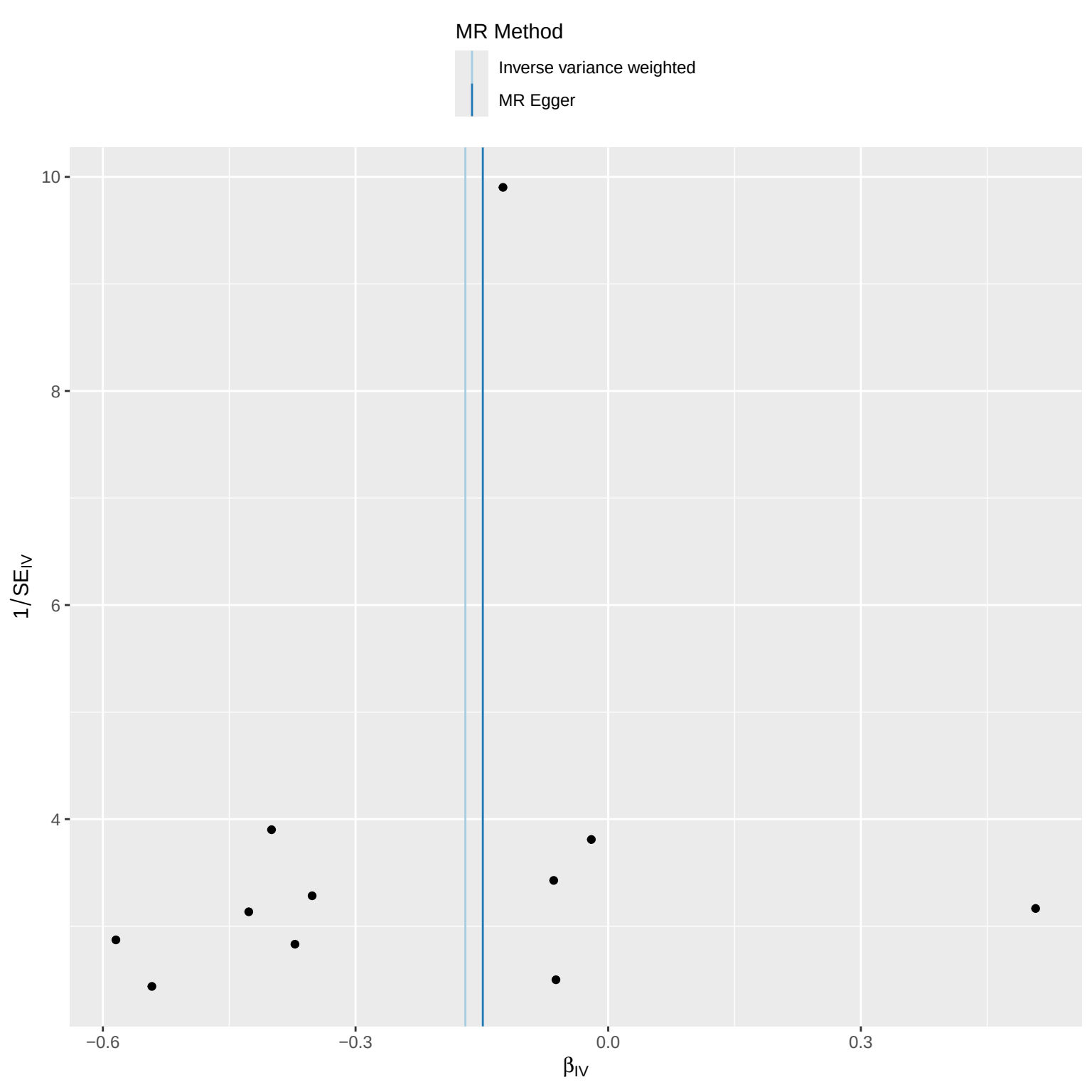

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

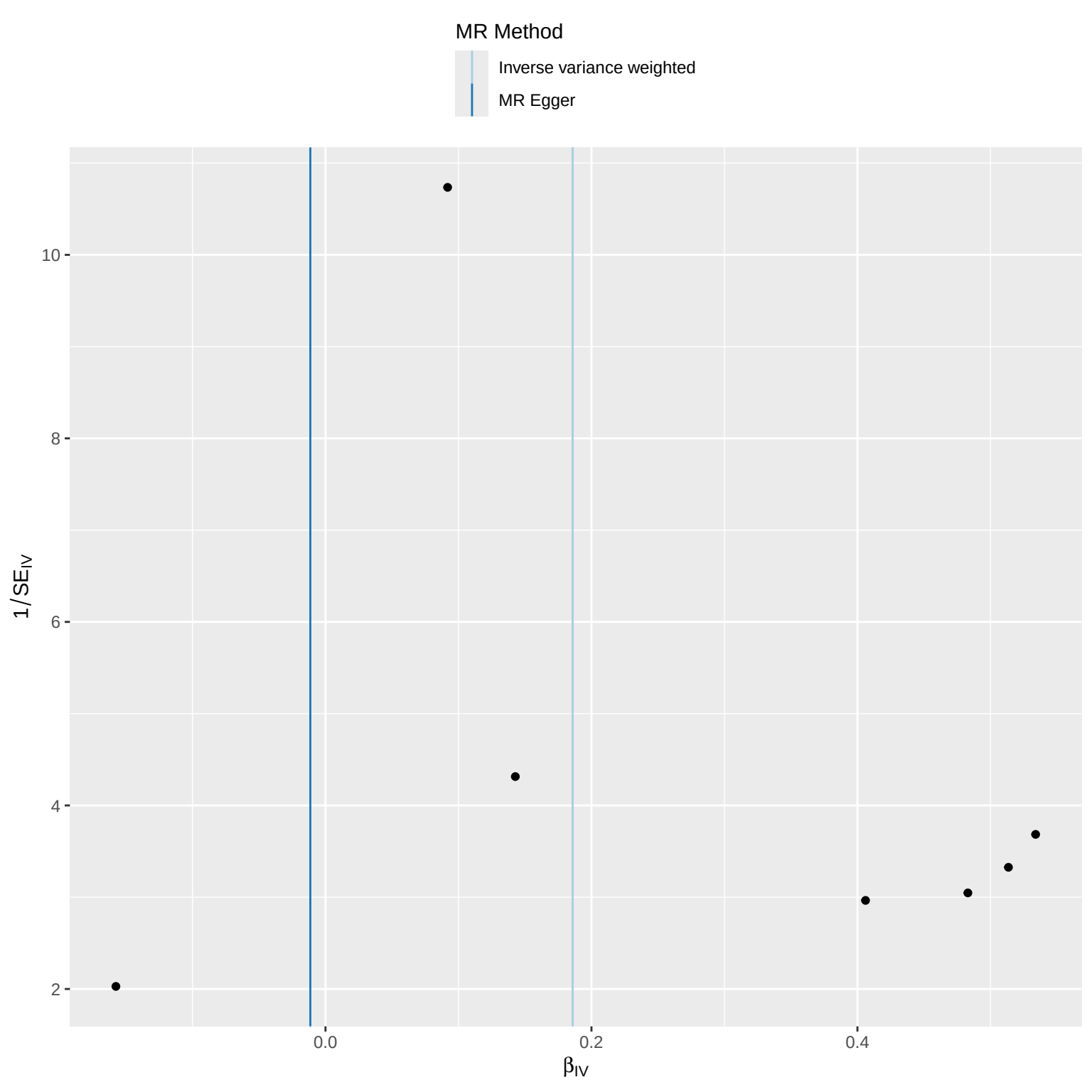

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

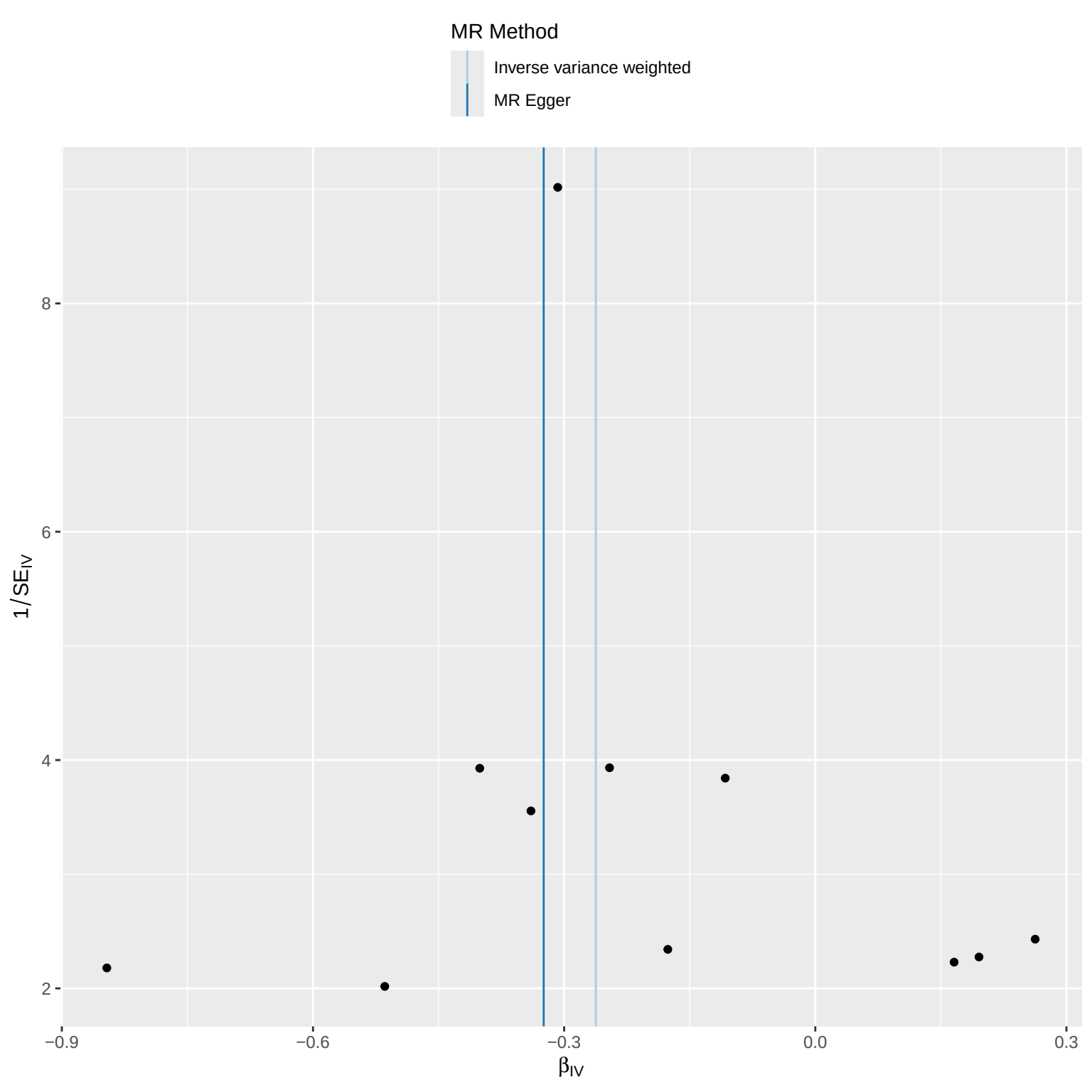

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

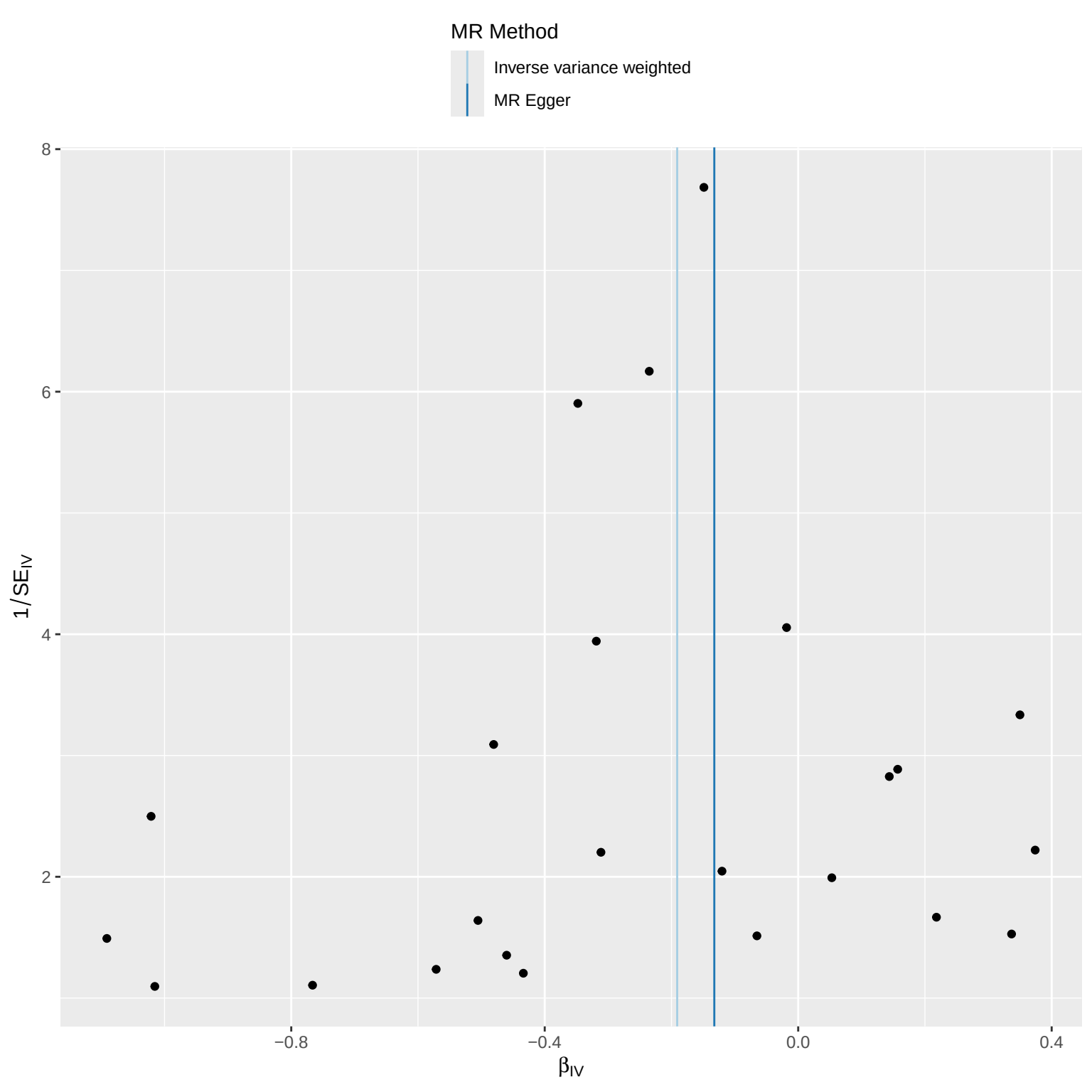

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
3
β_IV

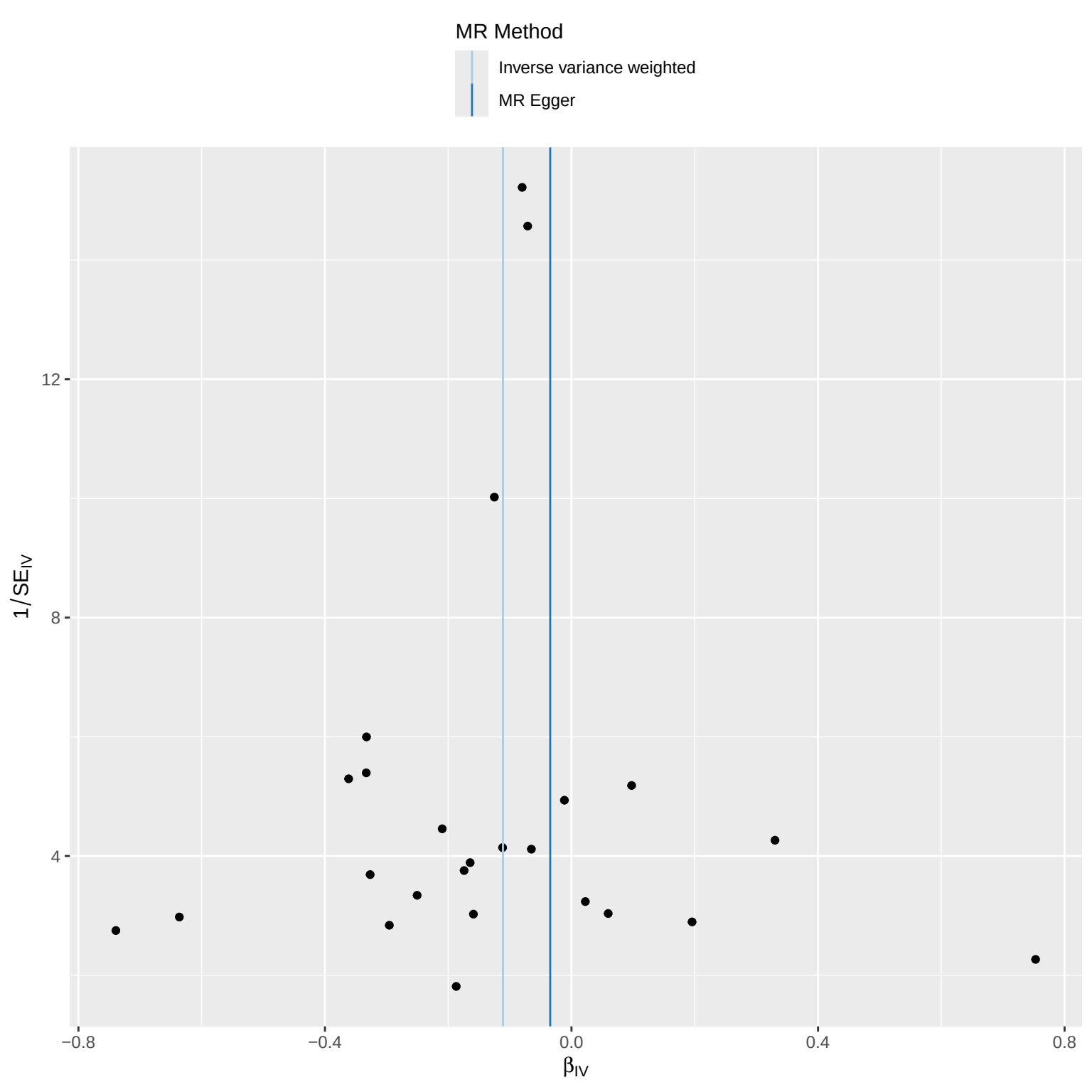

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

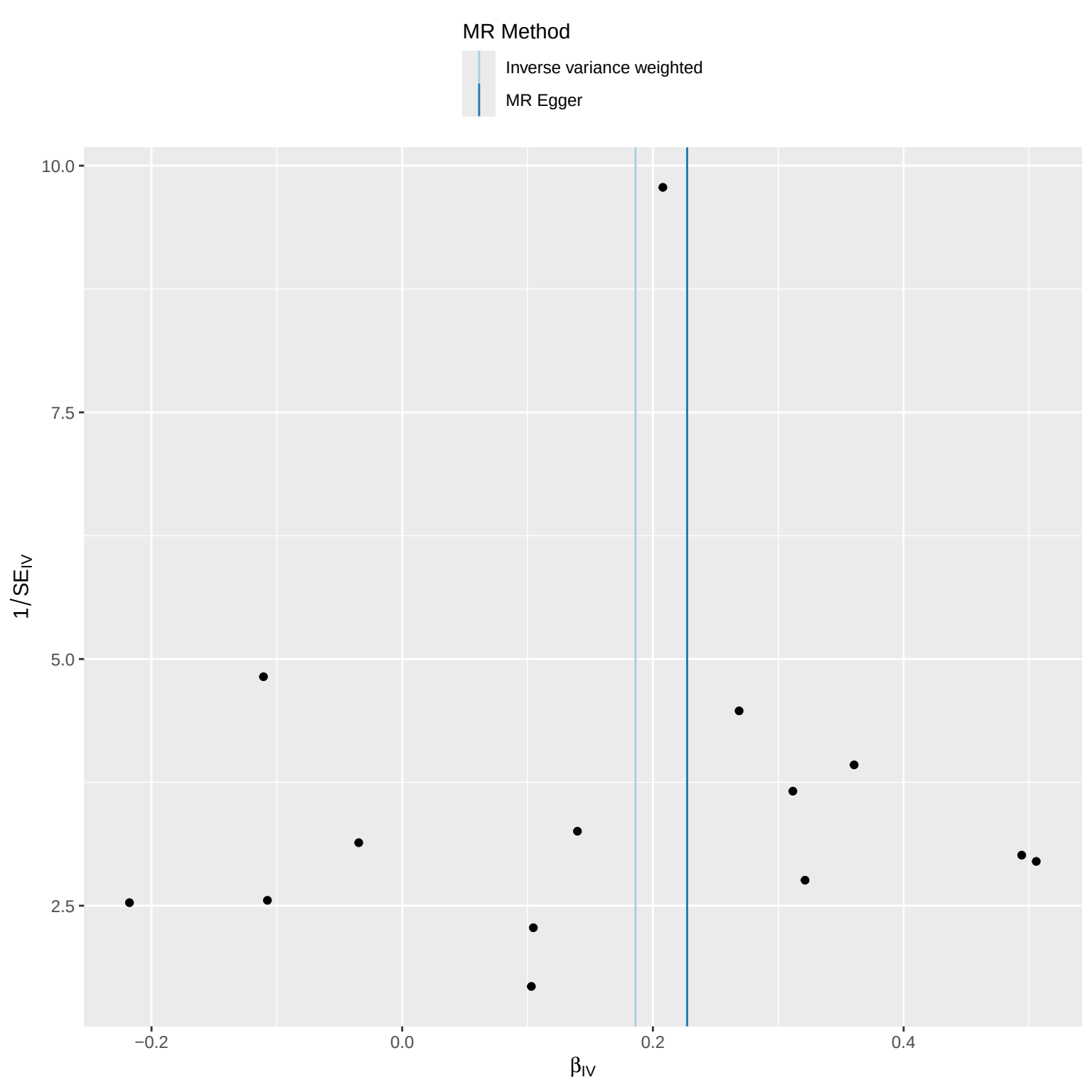

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

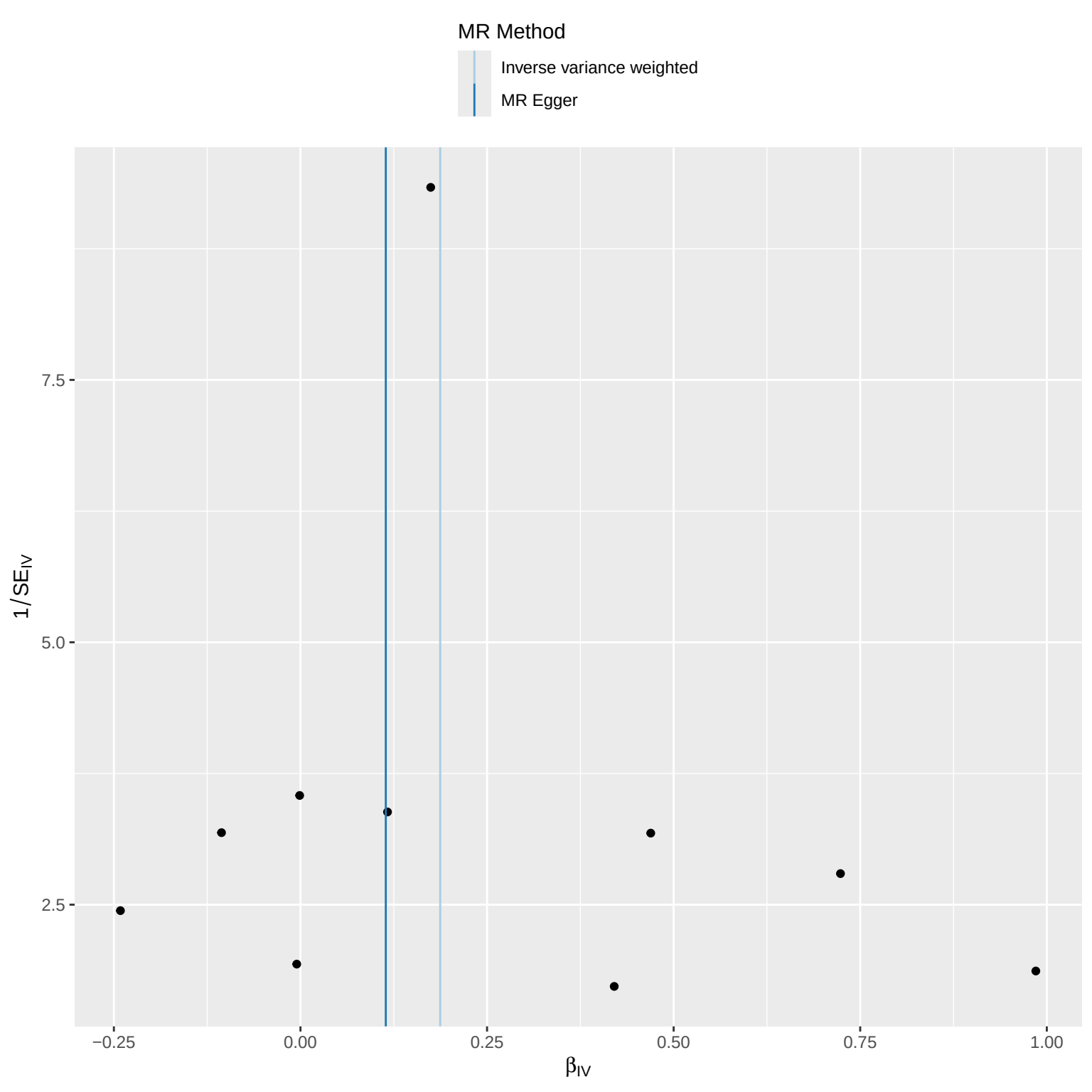

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
0.0
0.2
0.4
β_IV

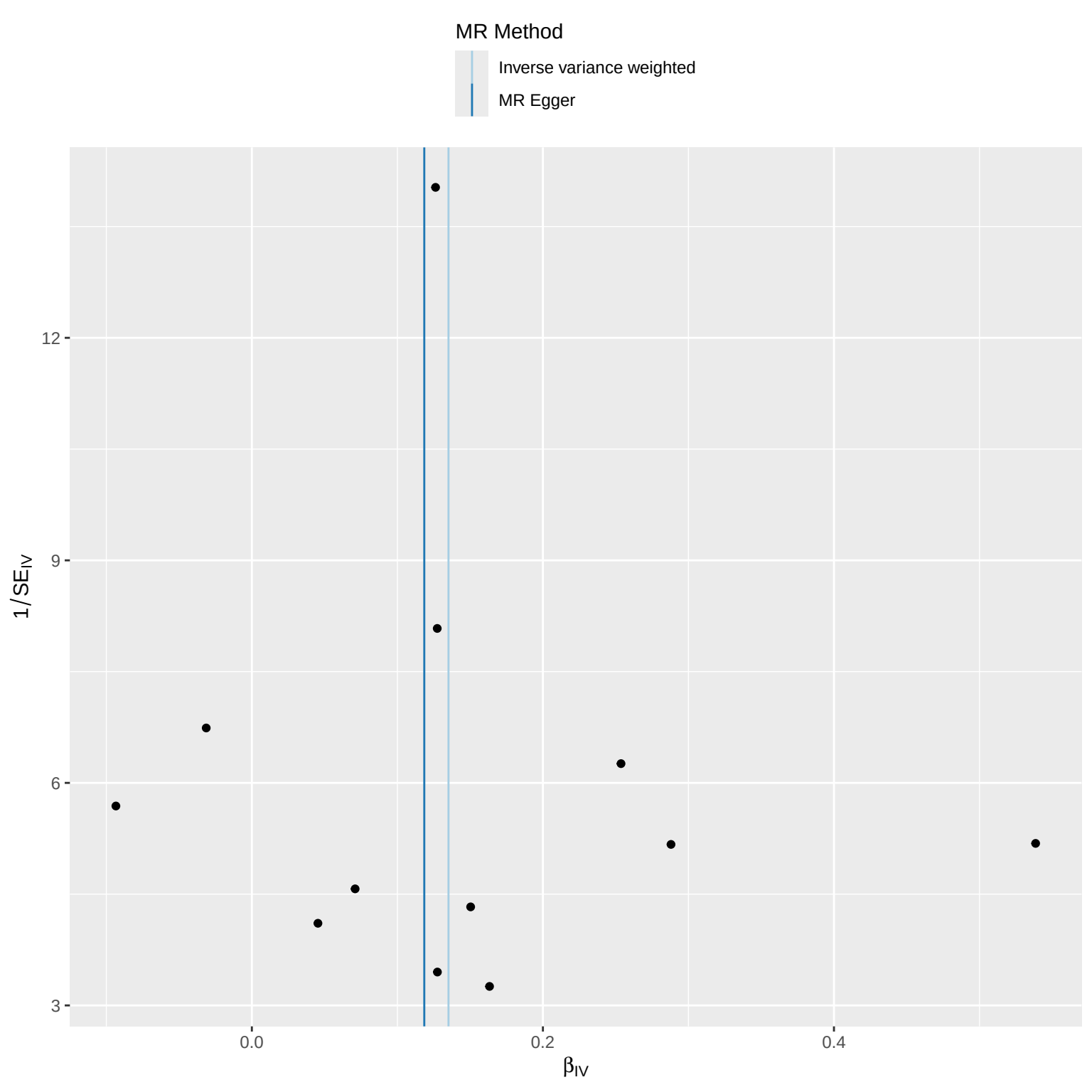

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.9
−0.6
−0.3
0.0
0.3
β_IV

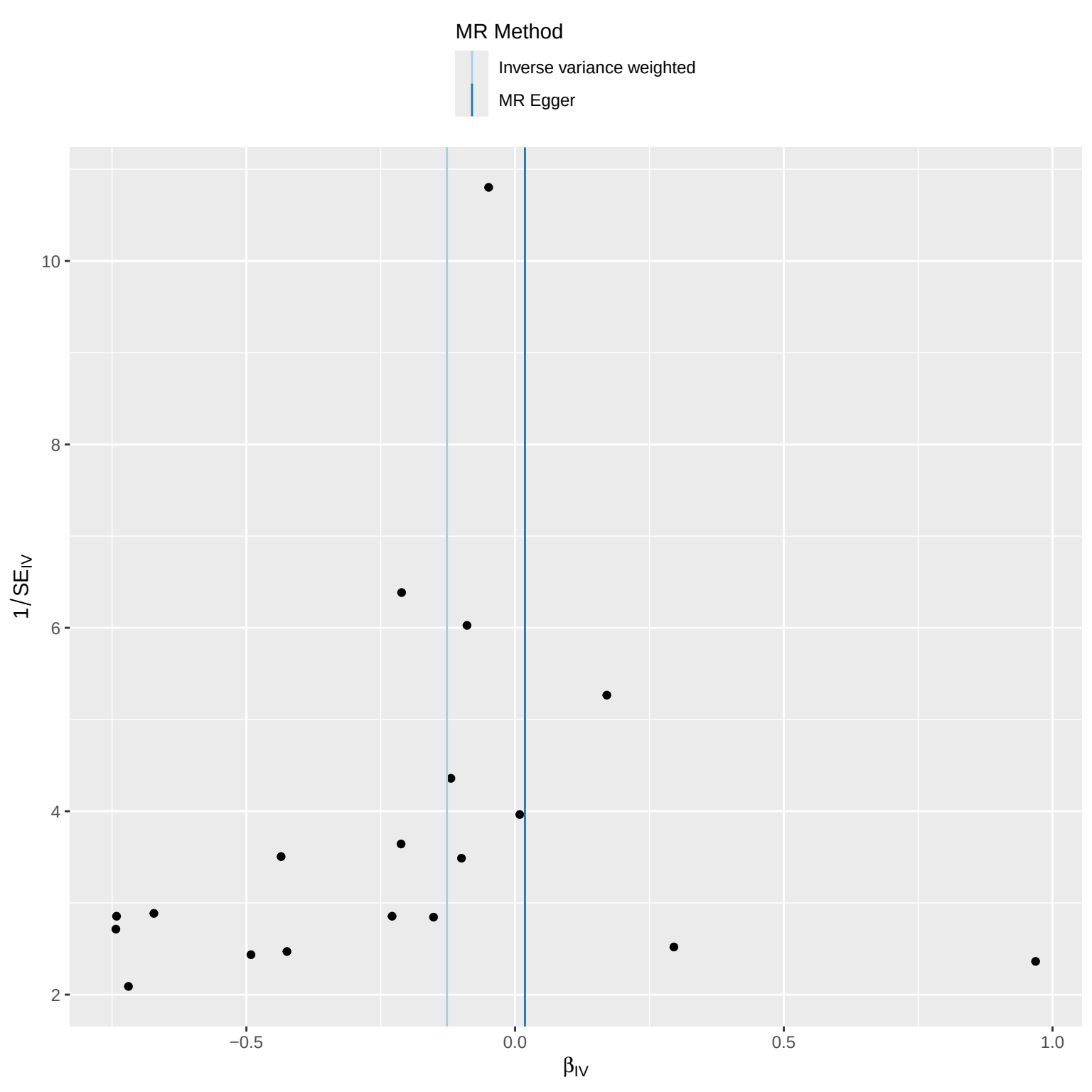

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

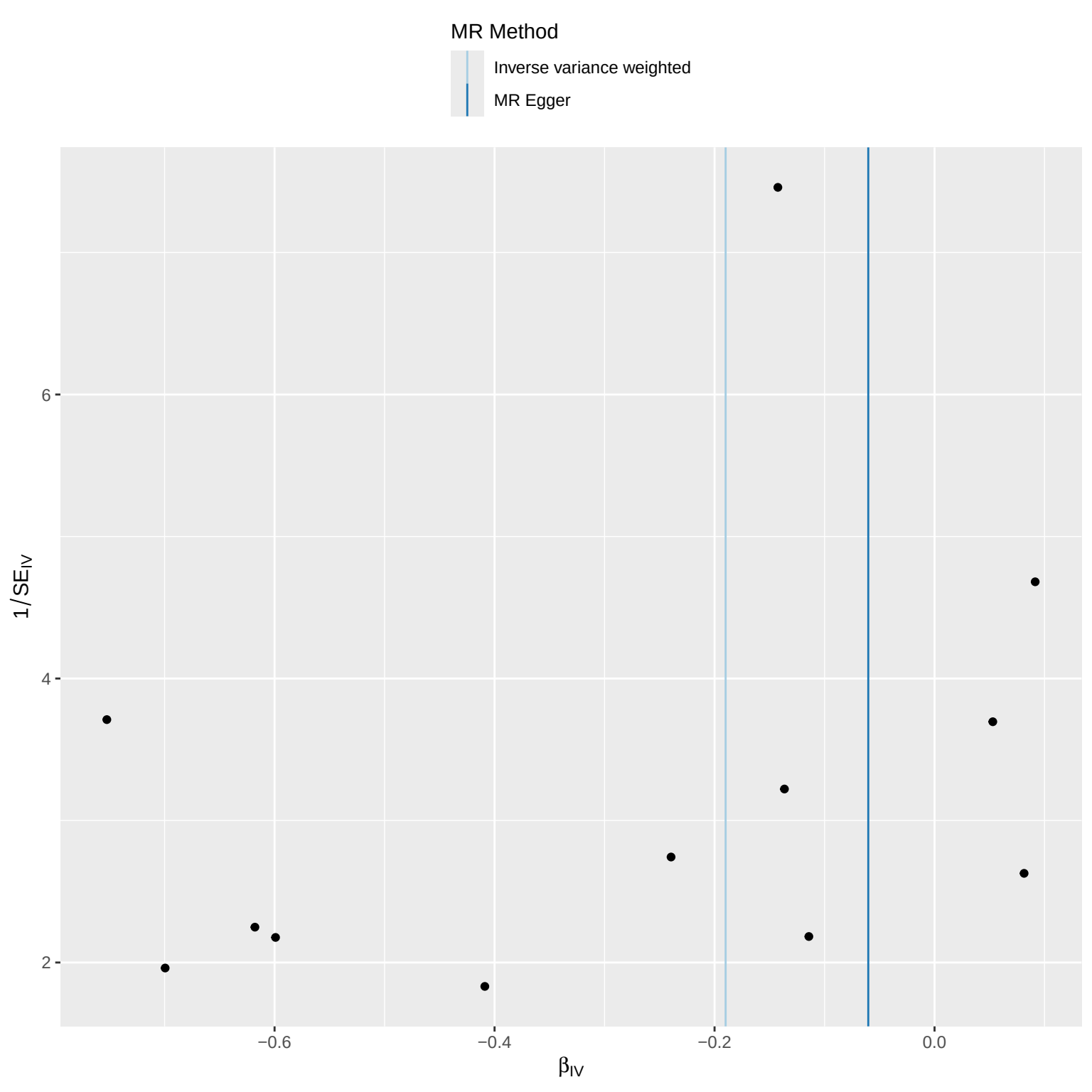

MR Method
Inverse variance weighted
MR Egger
12
8
4
1/SE_IV
−0.8
−0.4
0.0
0.4
0.8
β_IV

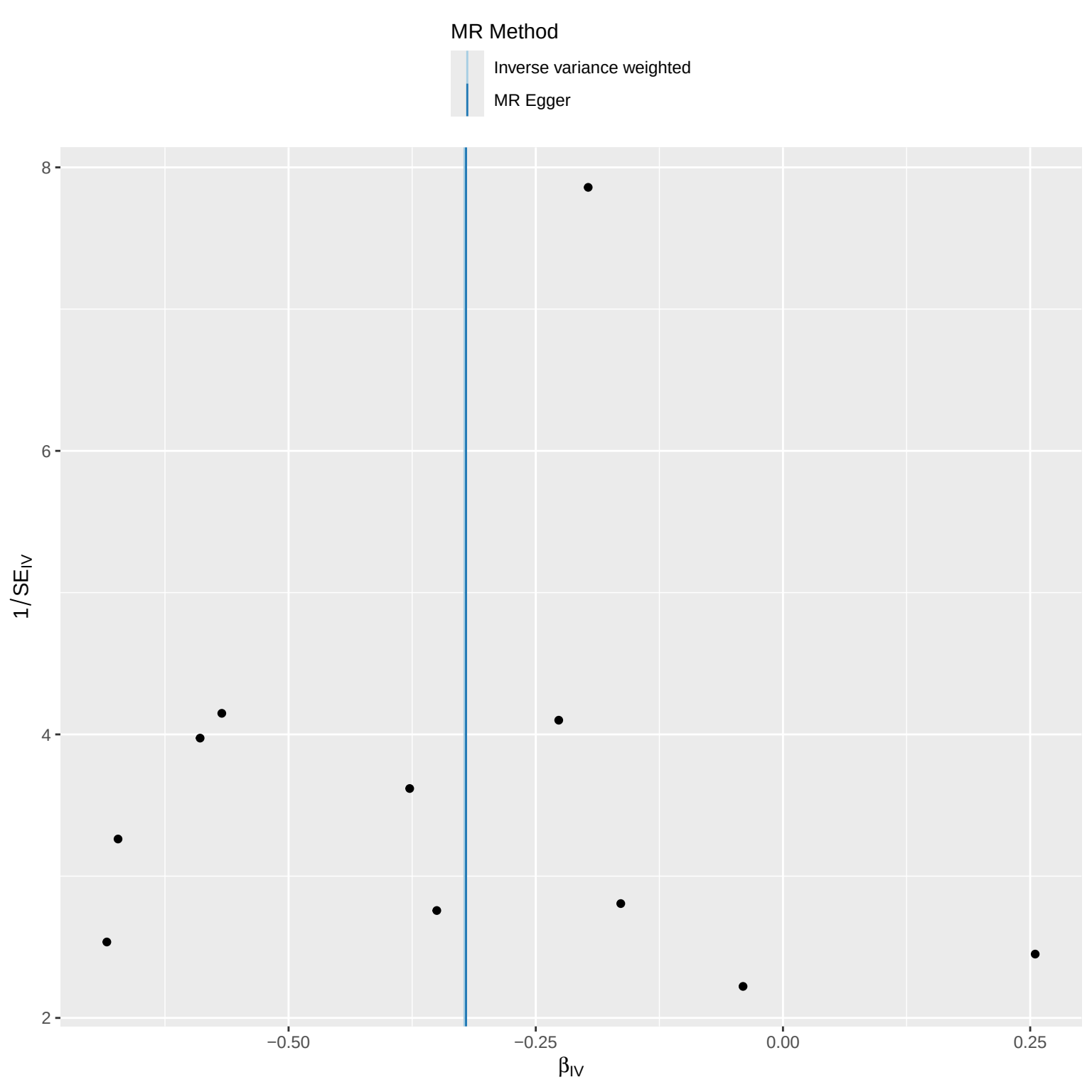

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.2
0.0
0.2
0.4
β_IV

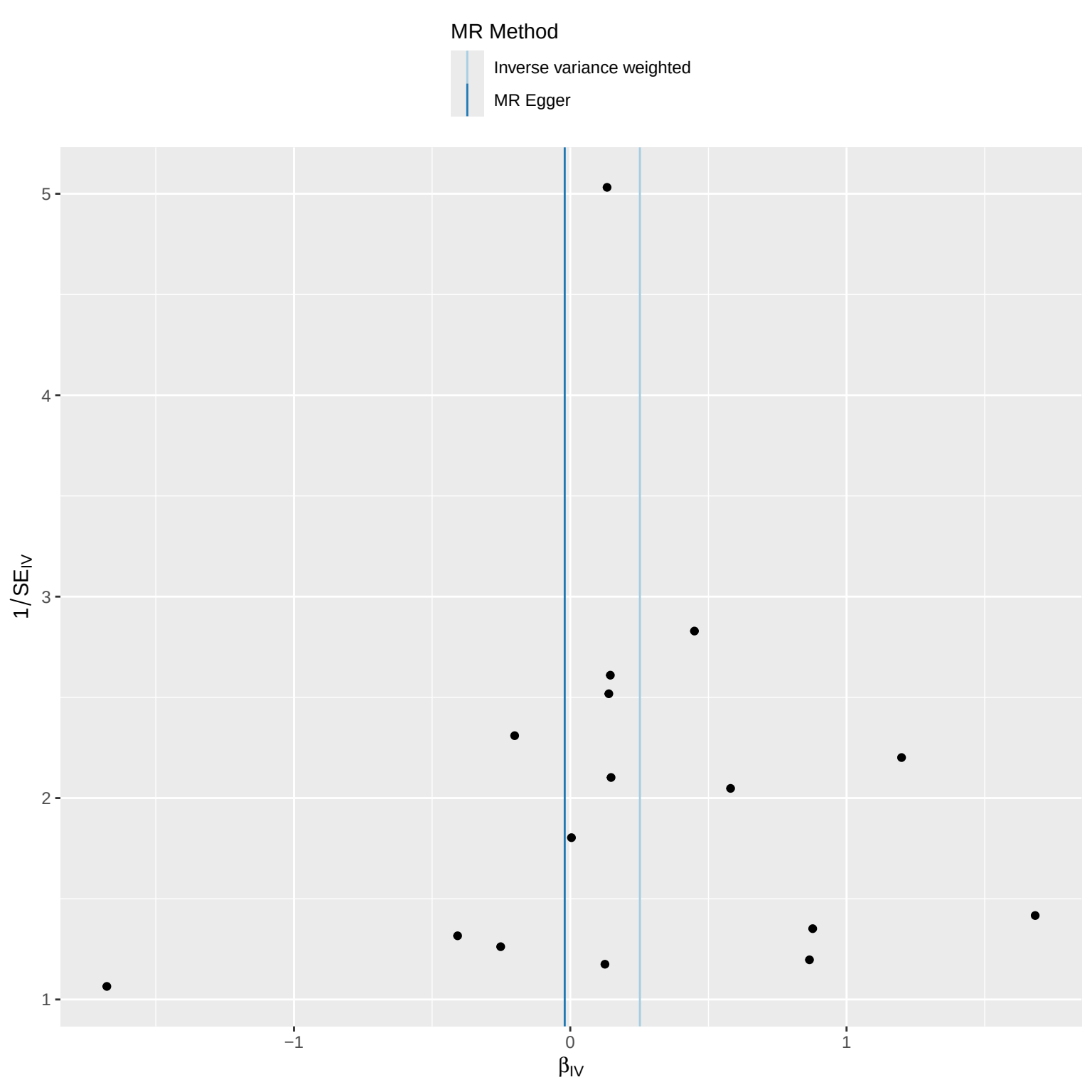

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.25
0.00
0.25
0.50
0.75
1.00
β_IV

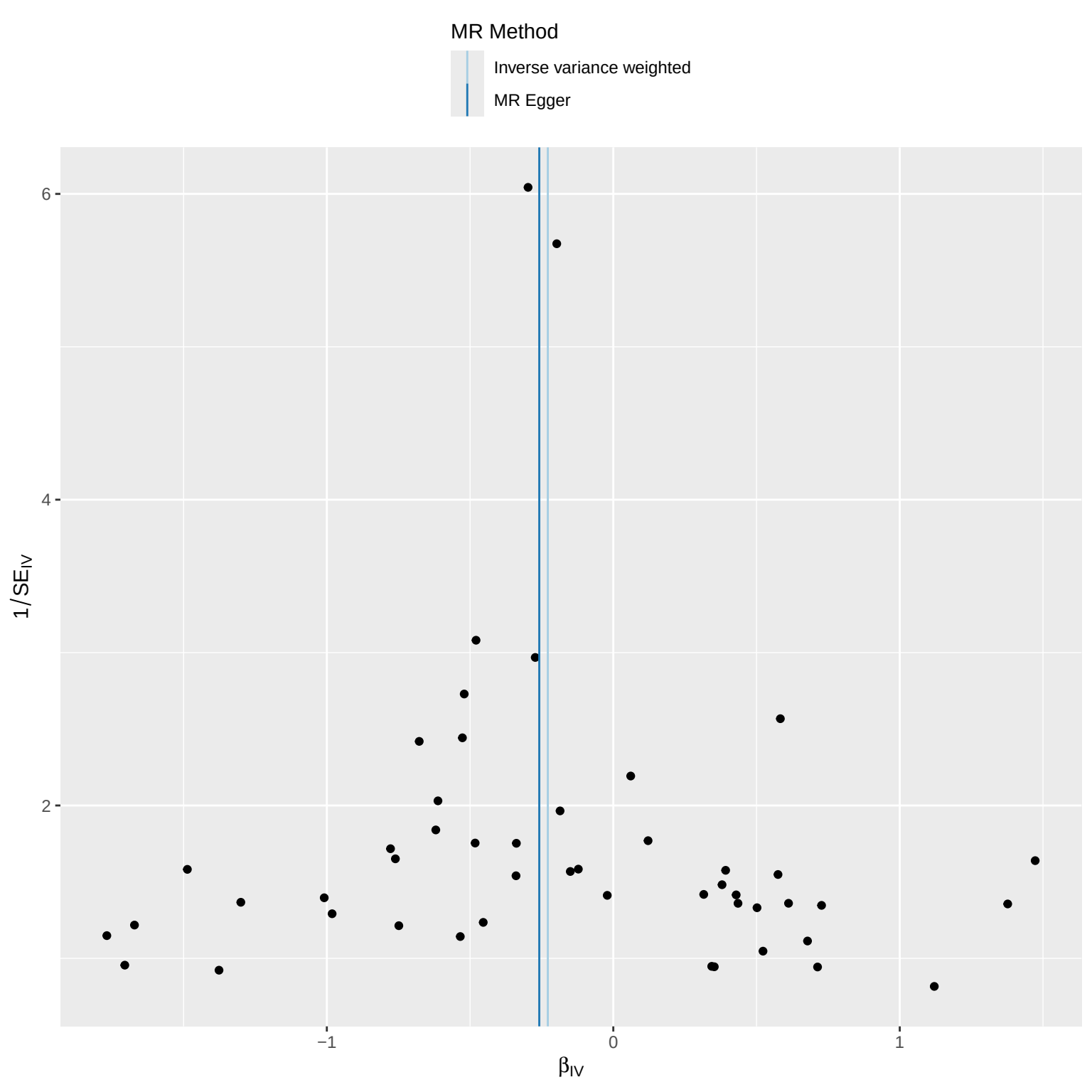

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
0.0
0.2
0.4
β_IV

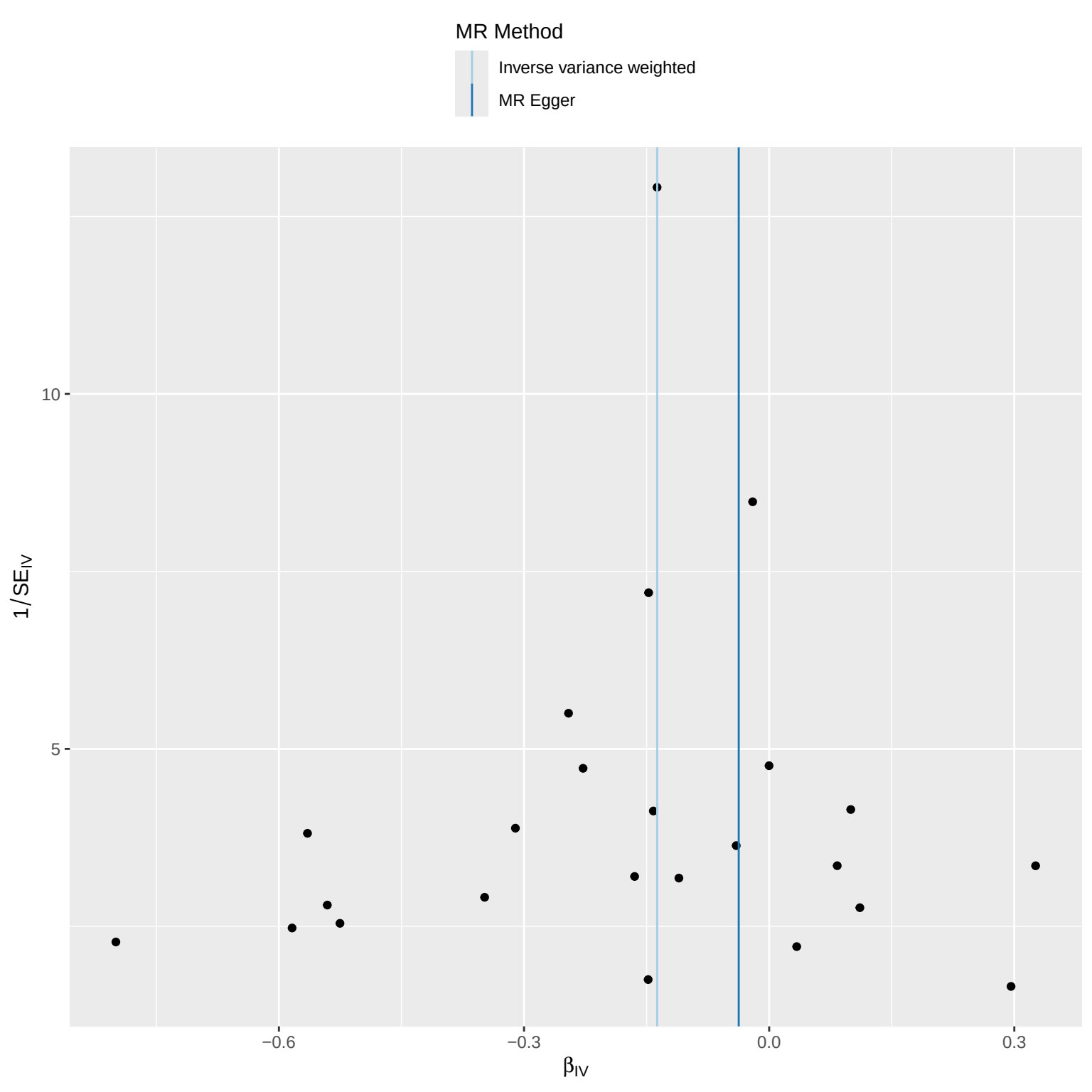

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

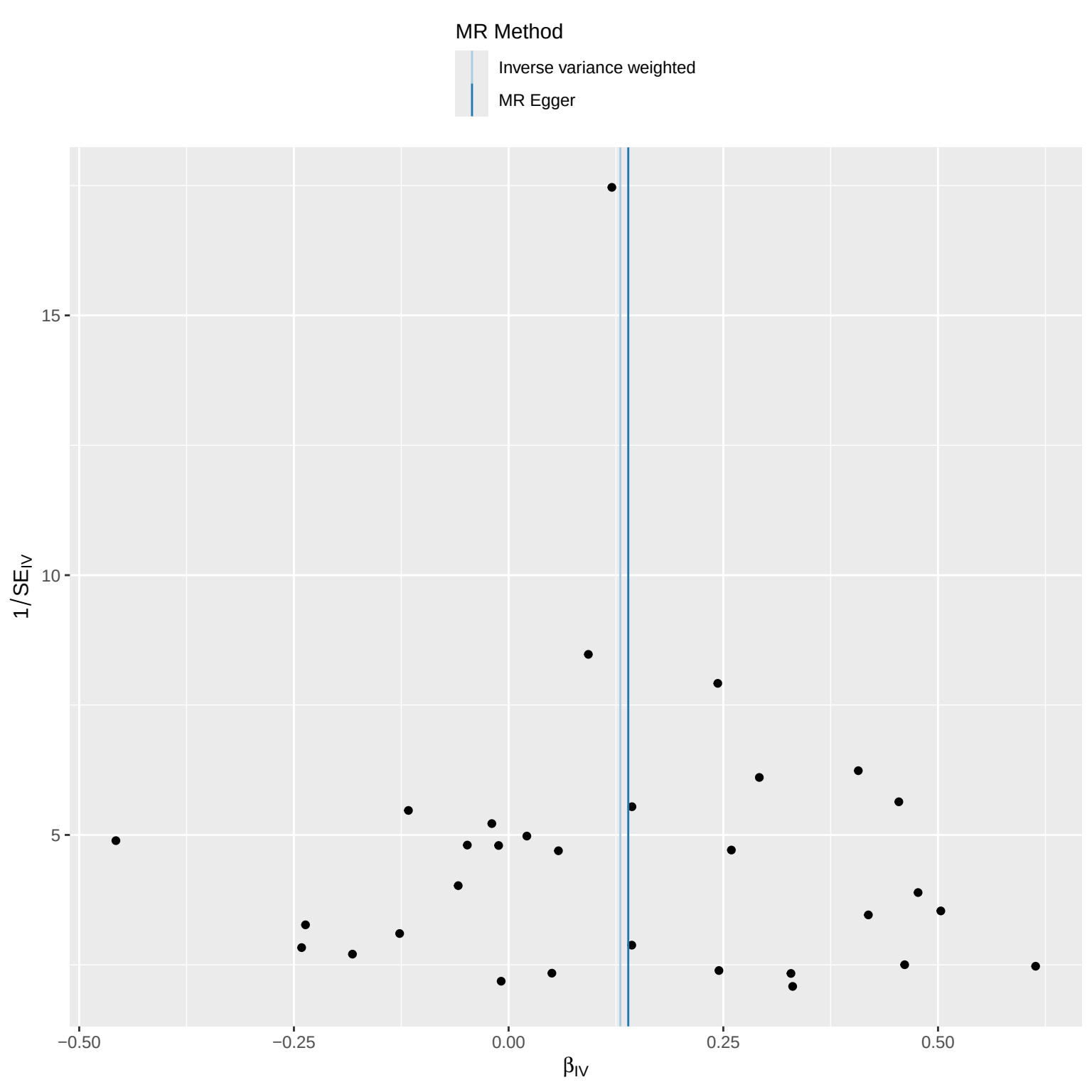

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

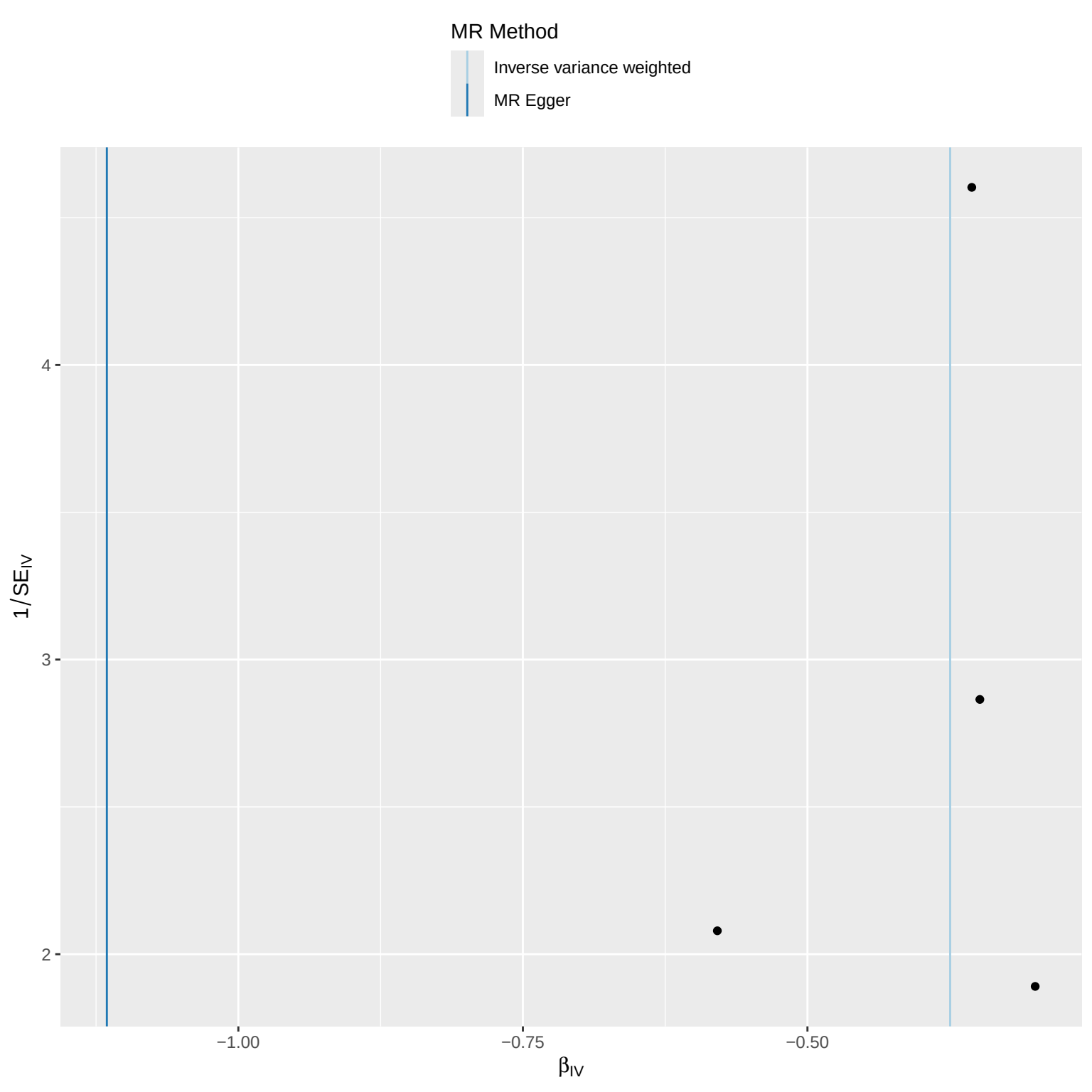

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

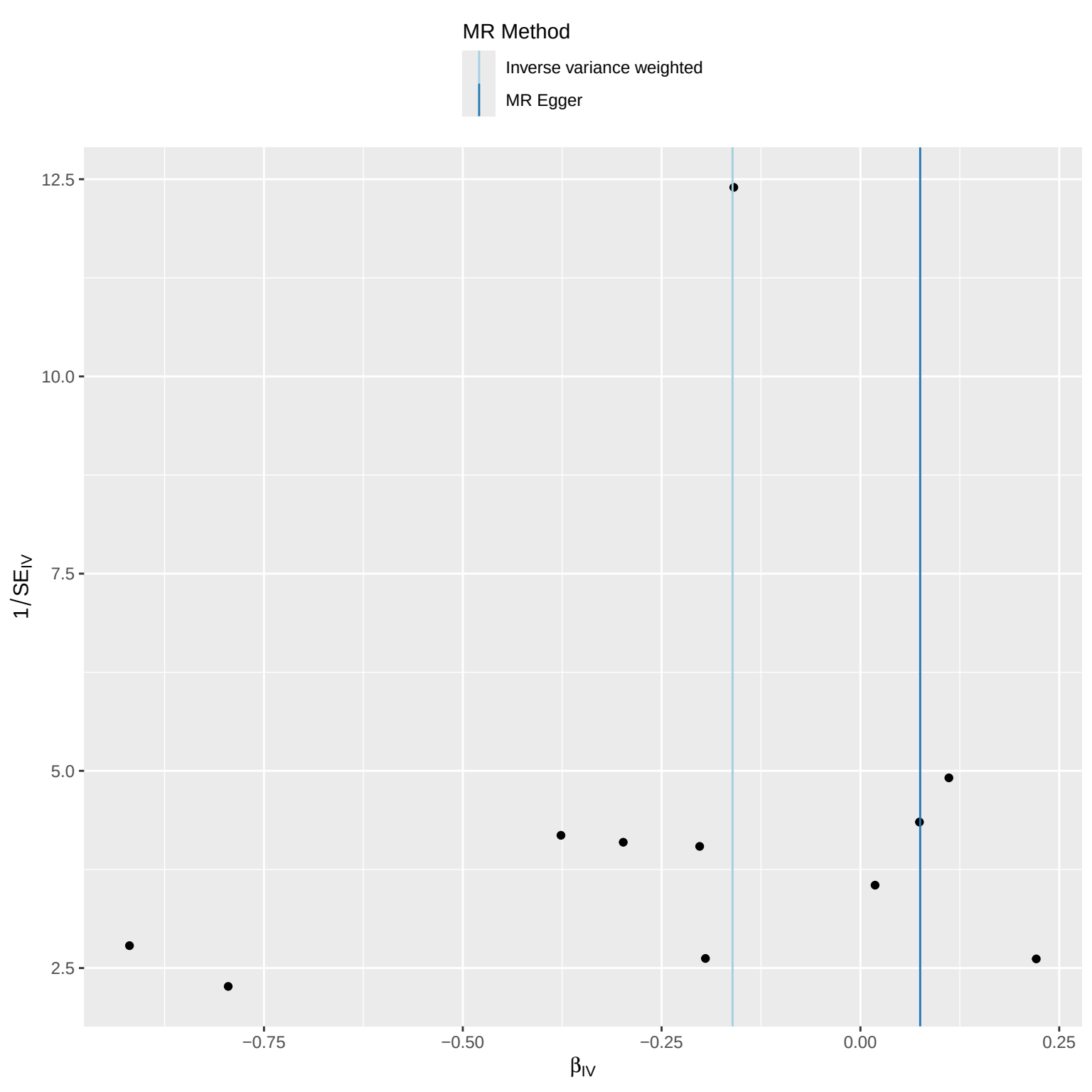

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

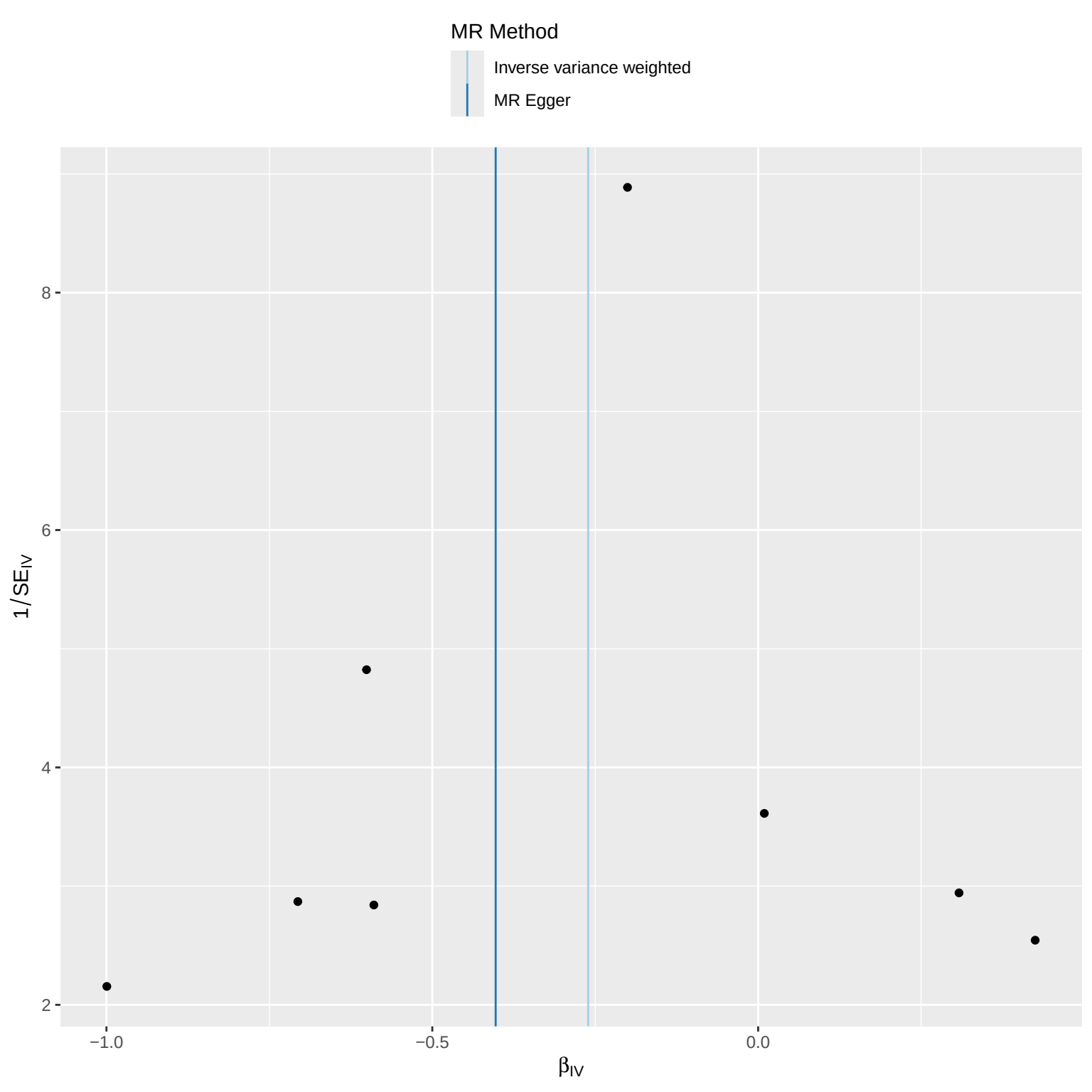

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

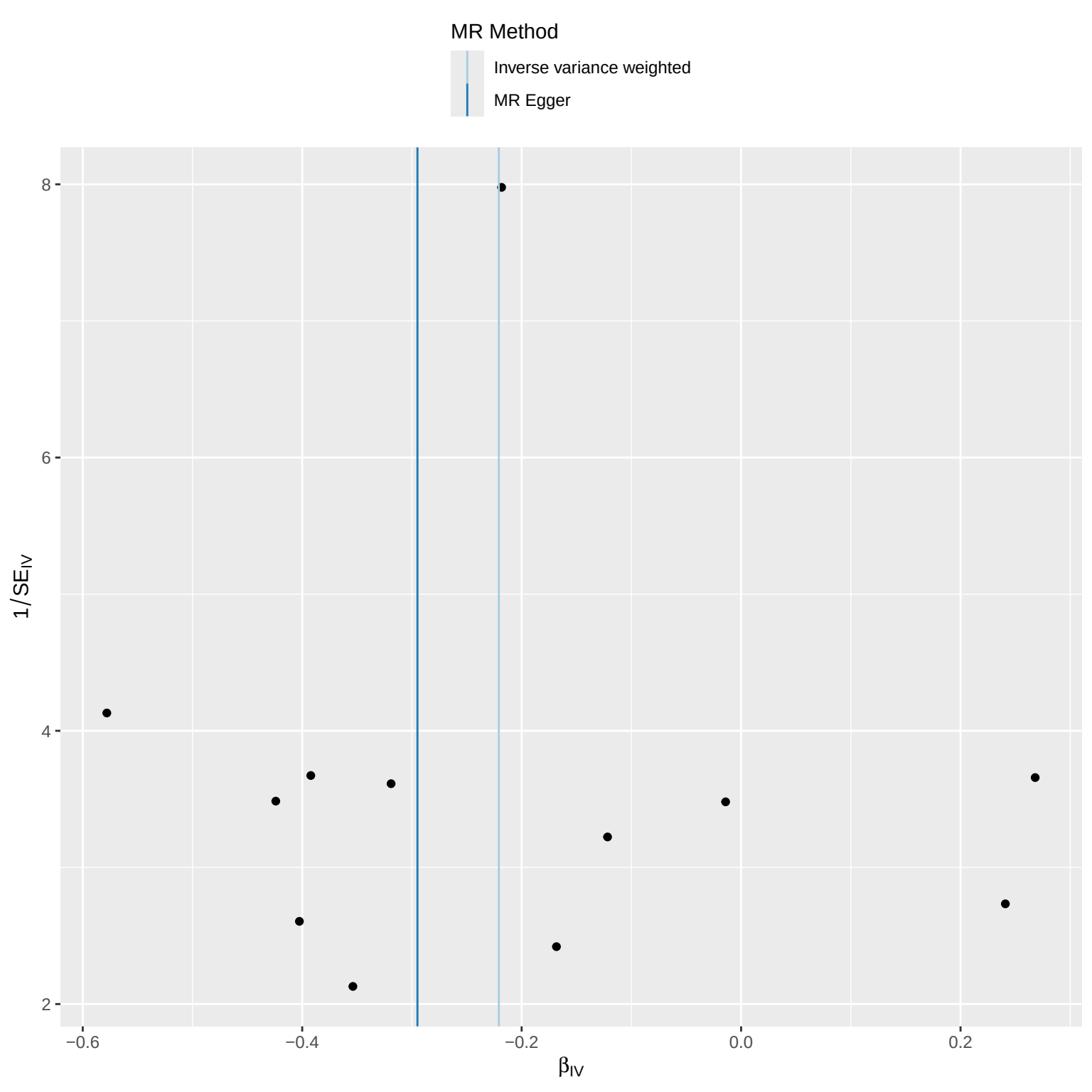

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

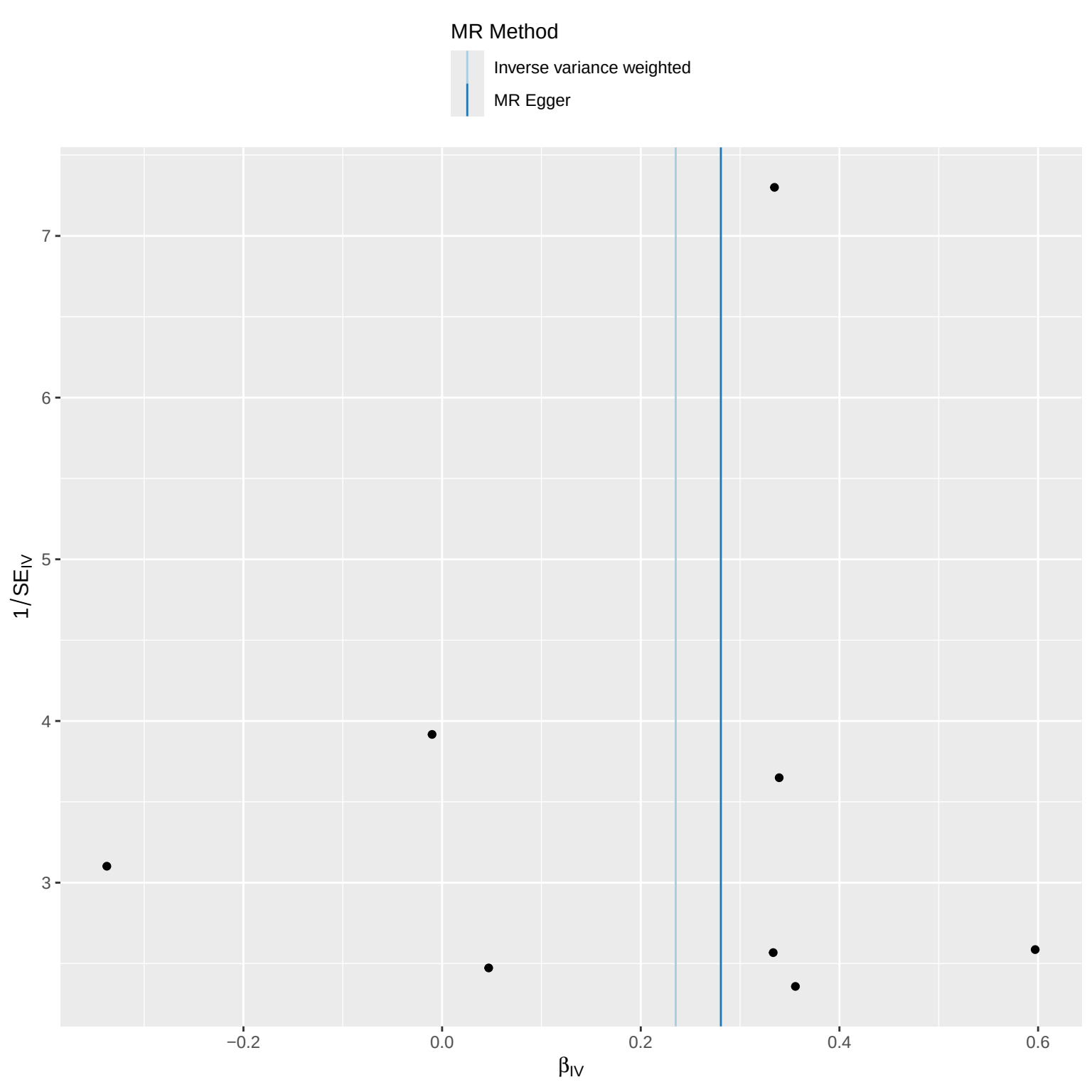

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.50
−0.25
0.00
0.25
0.50
β_IV

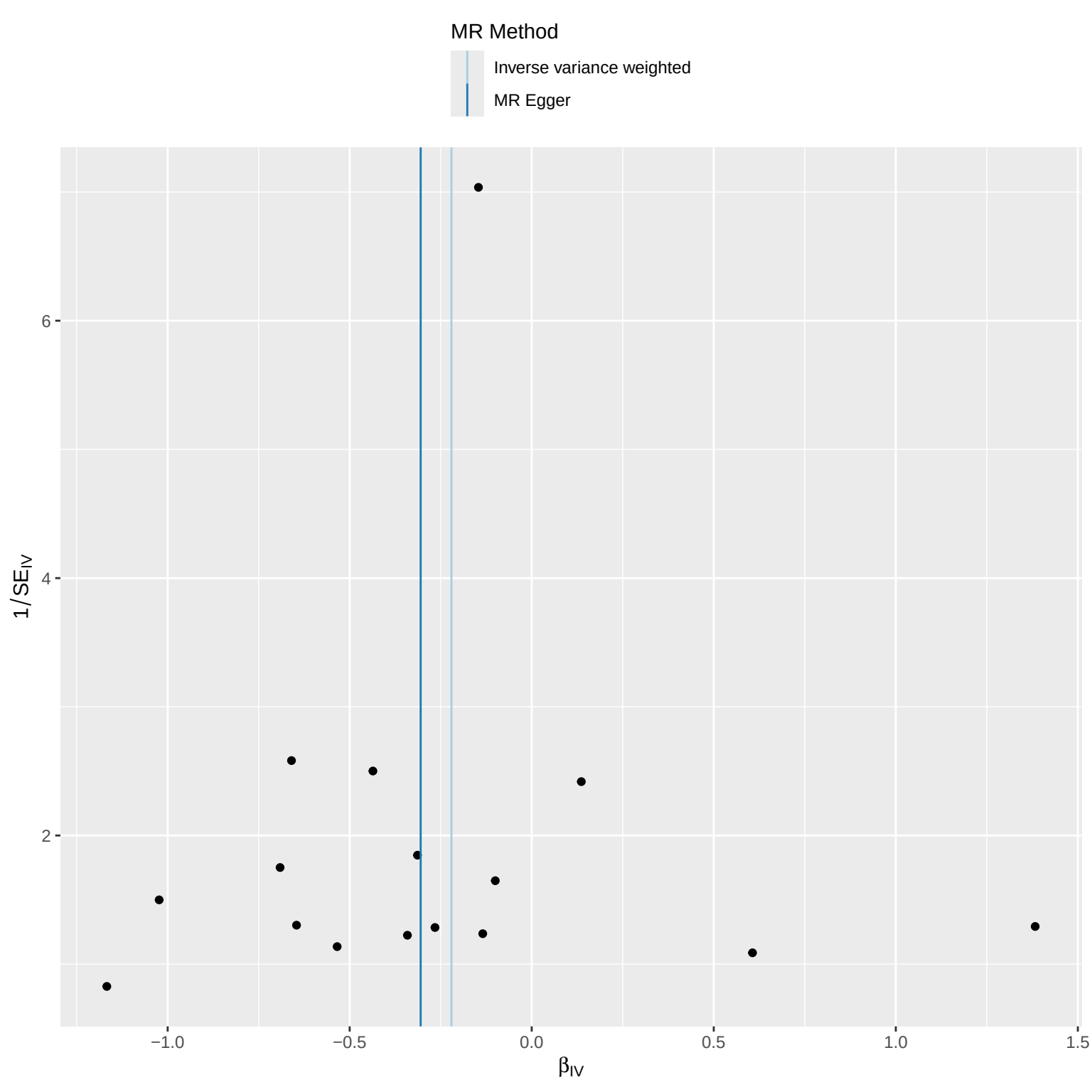

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.00
−0.75
−0.50
β_IV

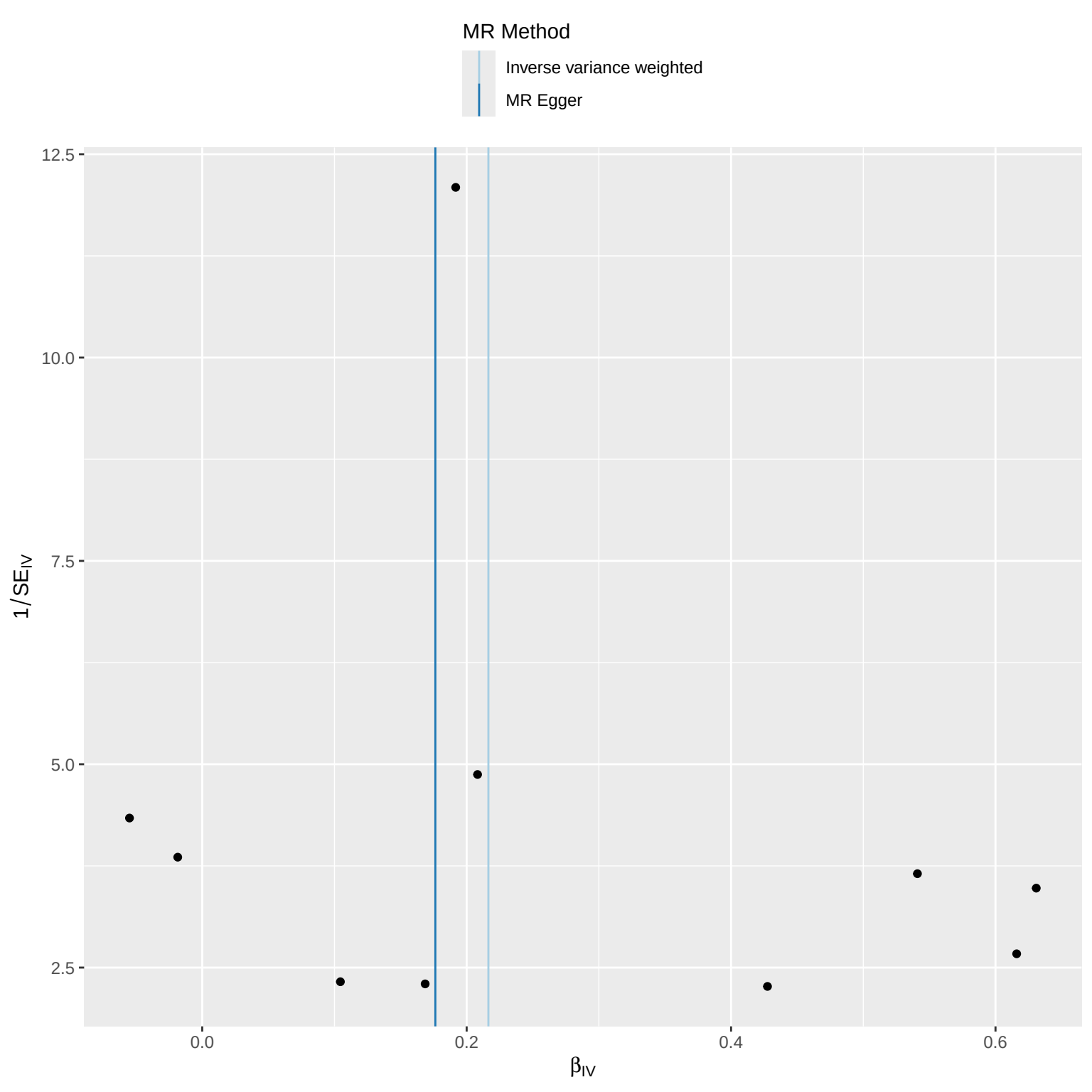

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.75
−0.50
−0.25
0.00
0.25
β_IV

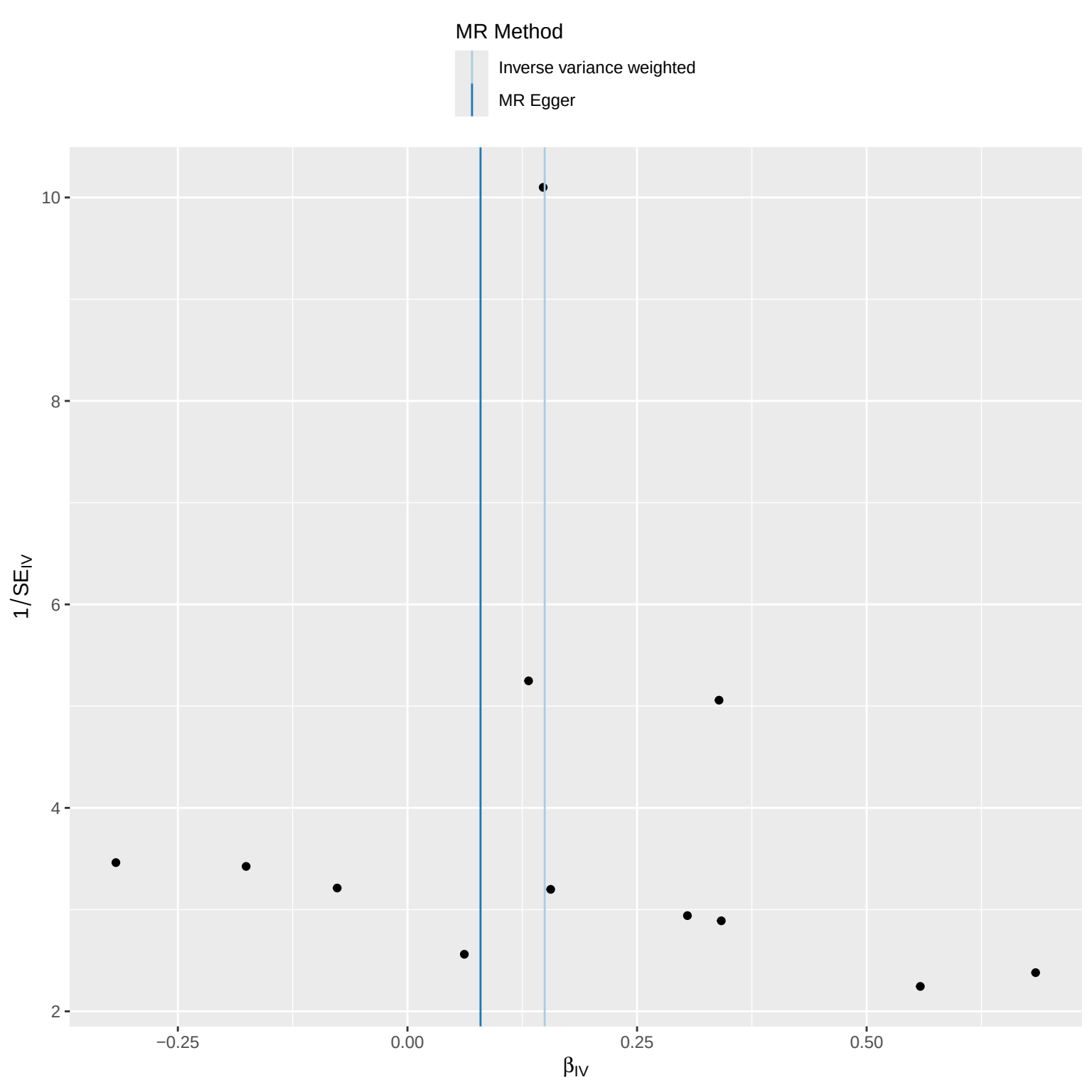

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
β_IV

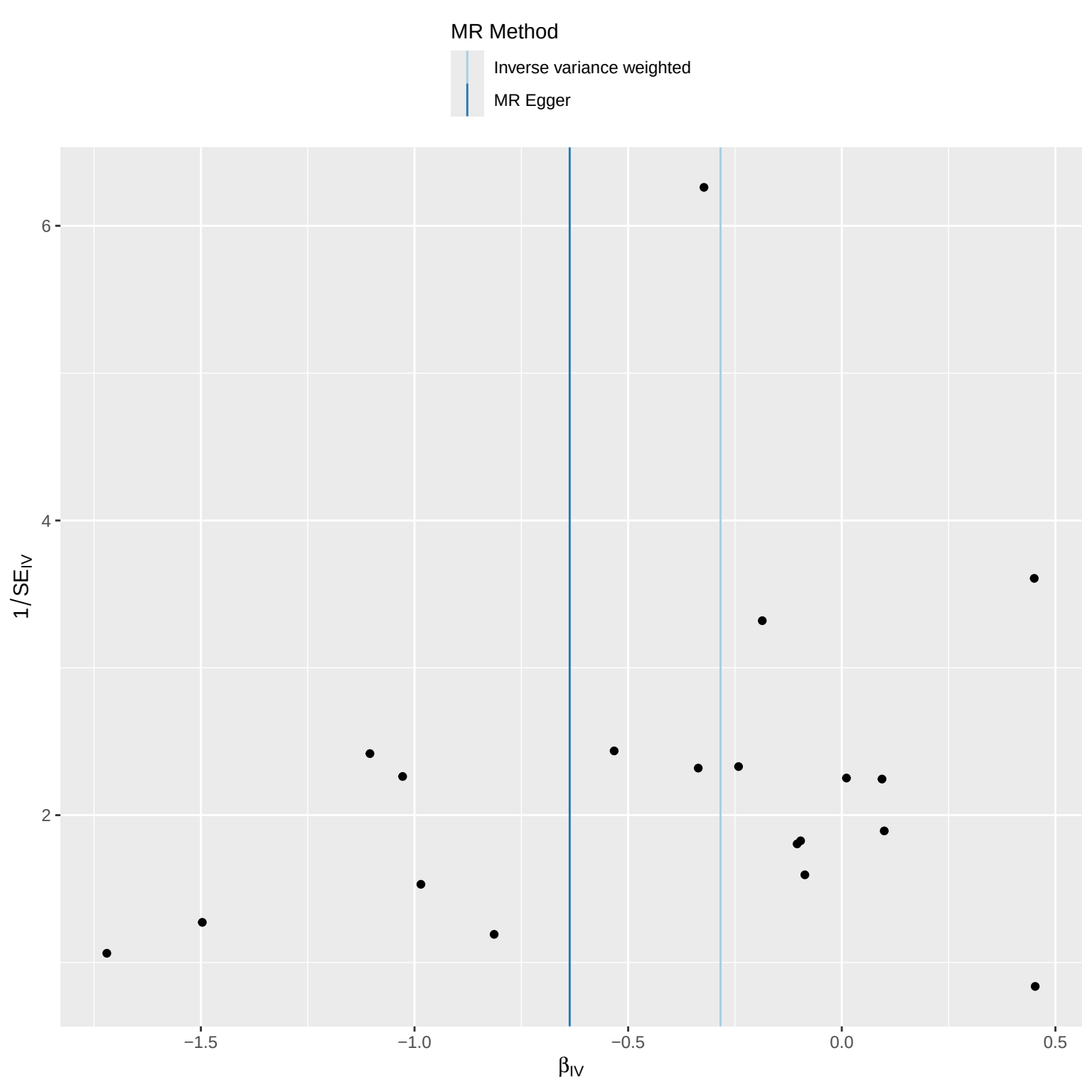

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
β_IV

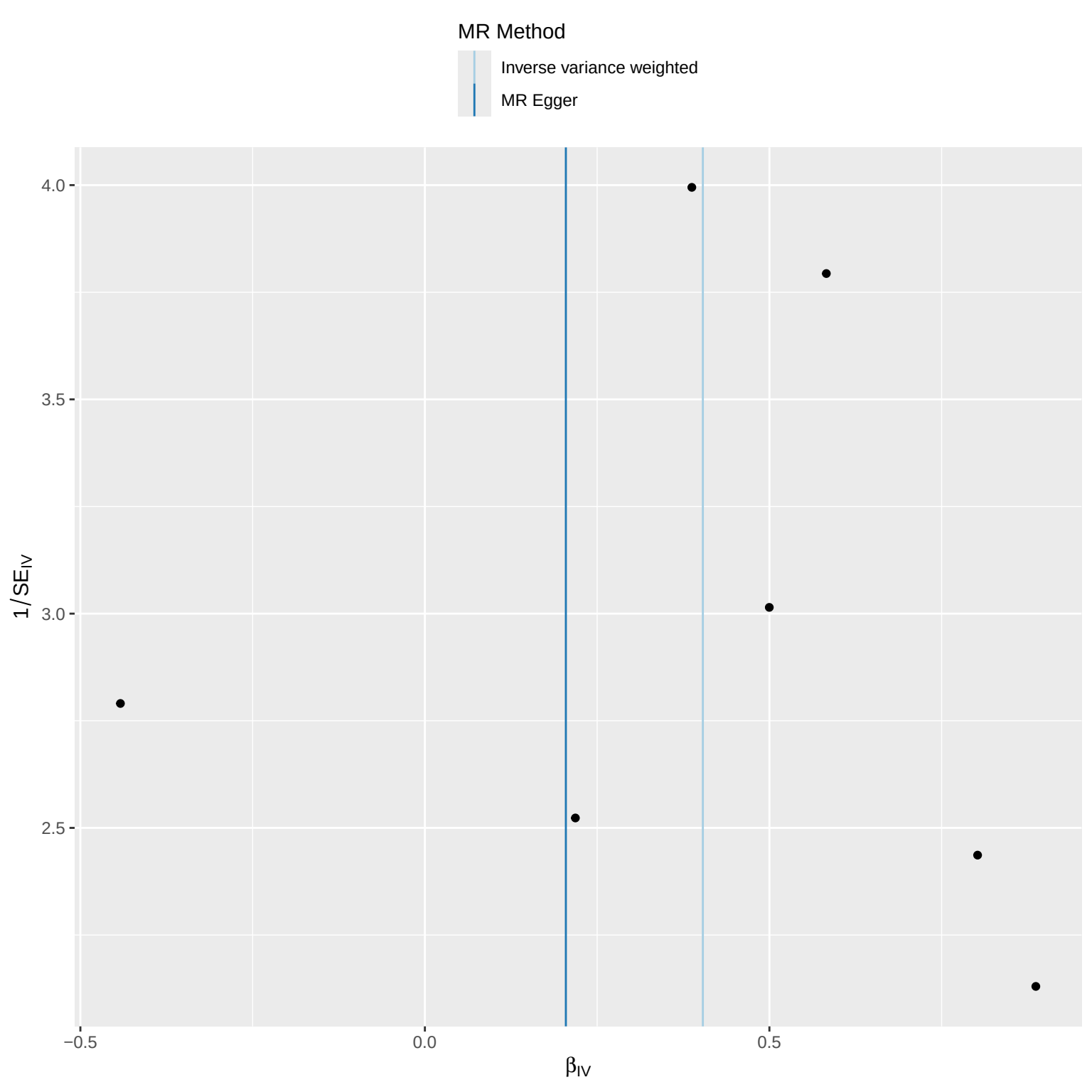

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
−0.2
0.0
0.2
0.4
0.6
β_IV

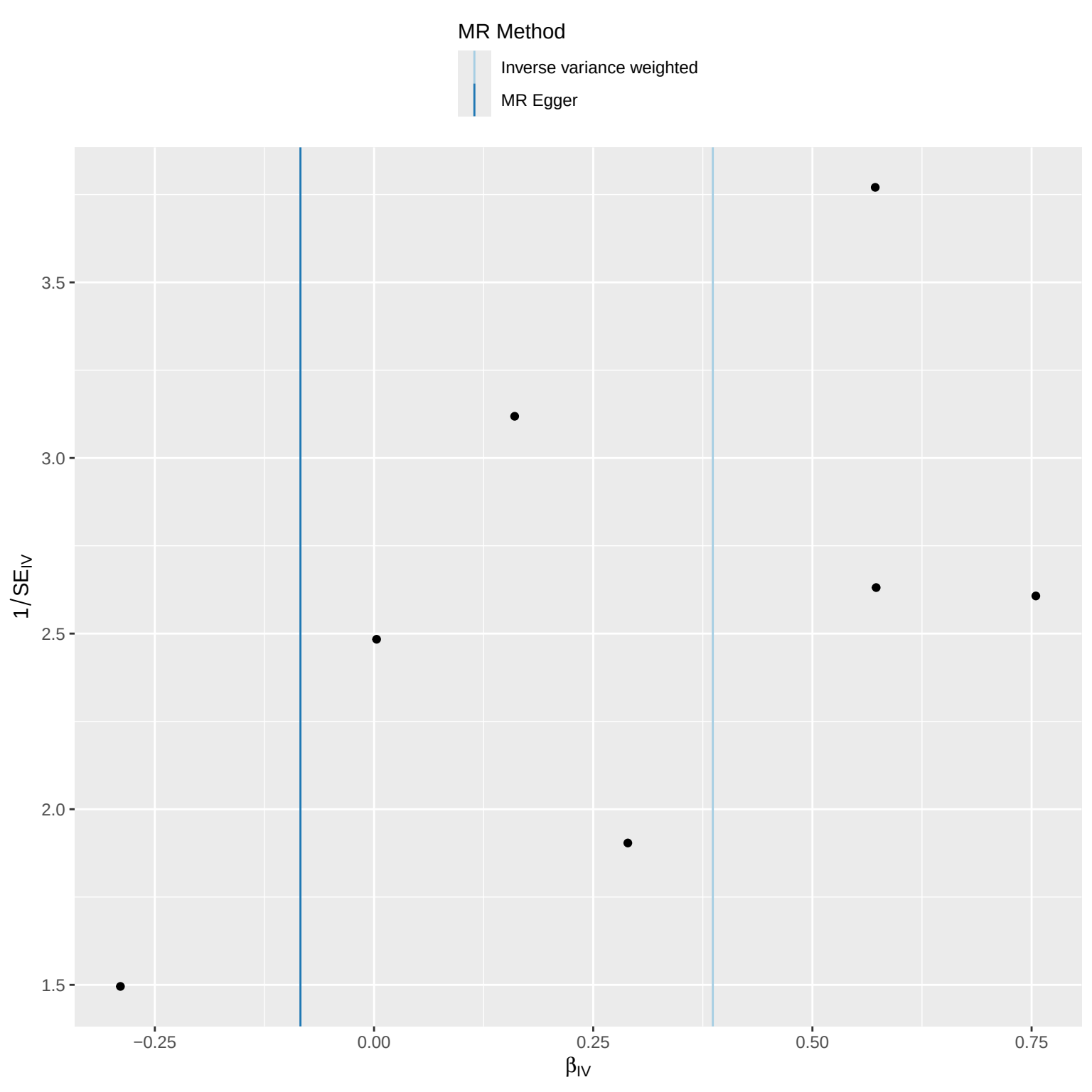

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

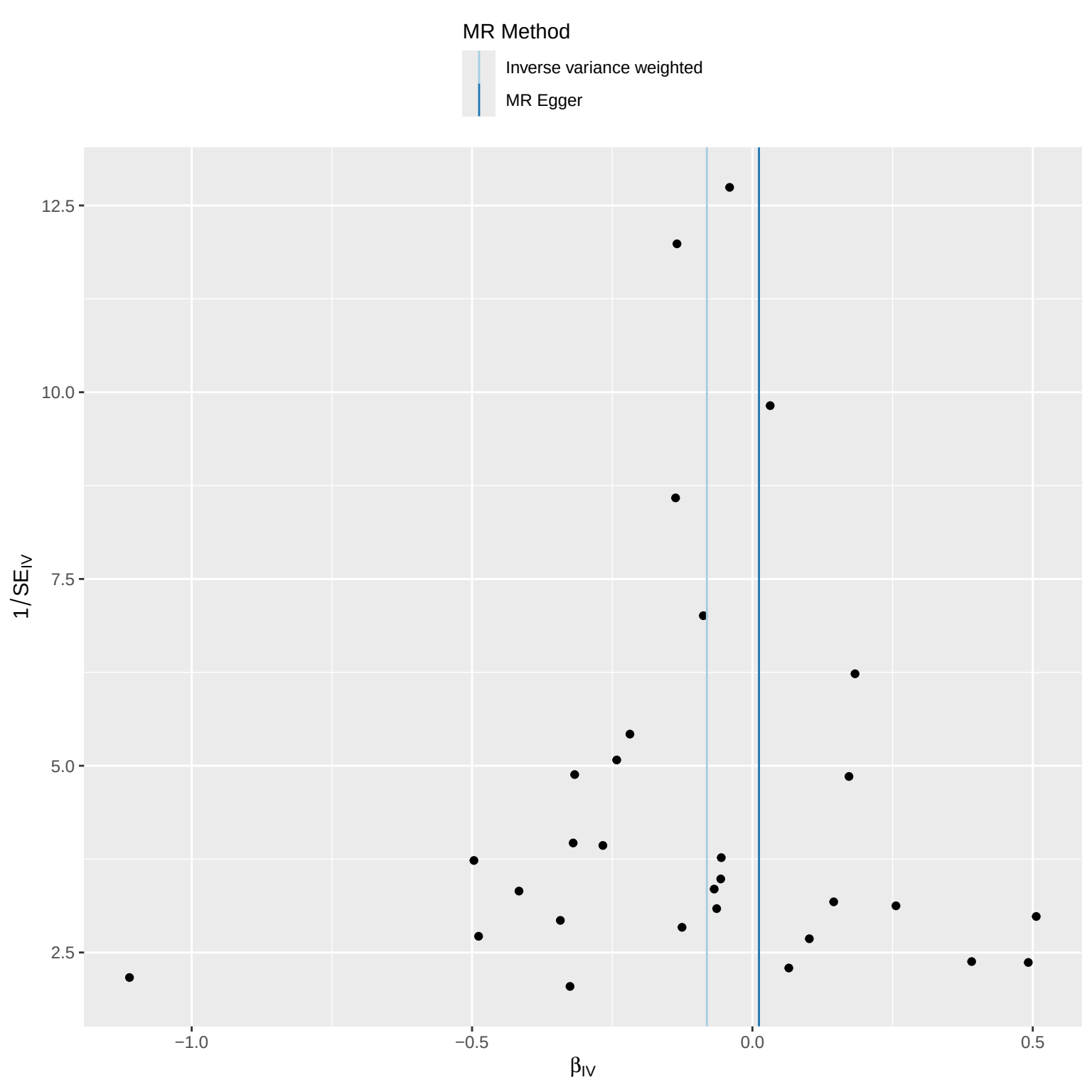

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

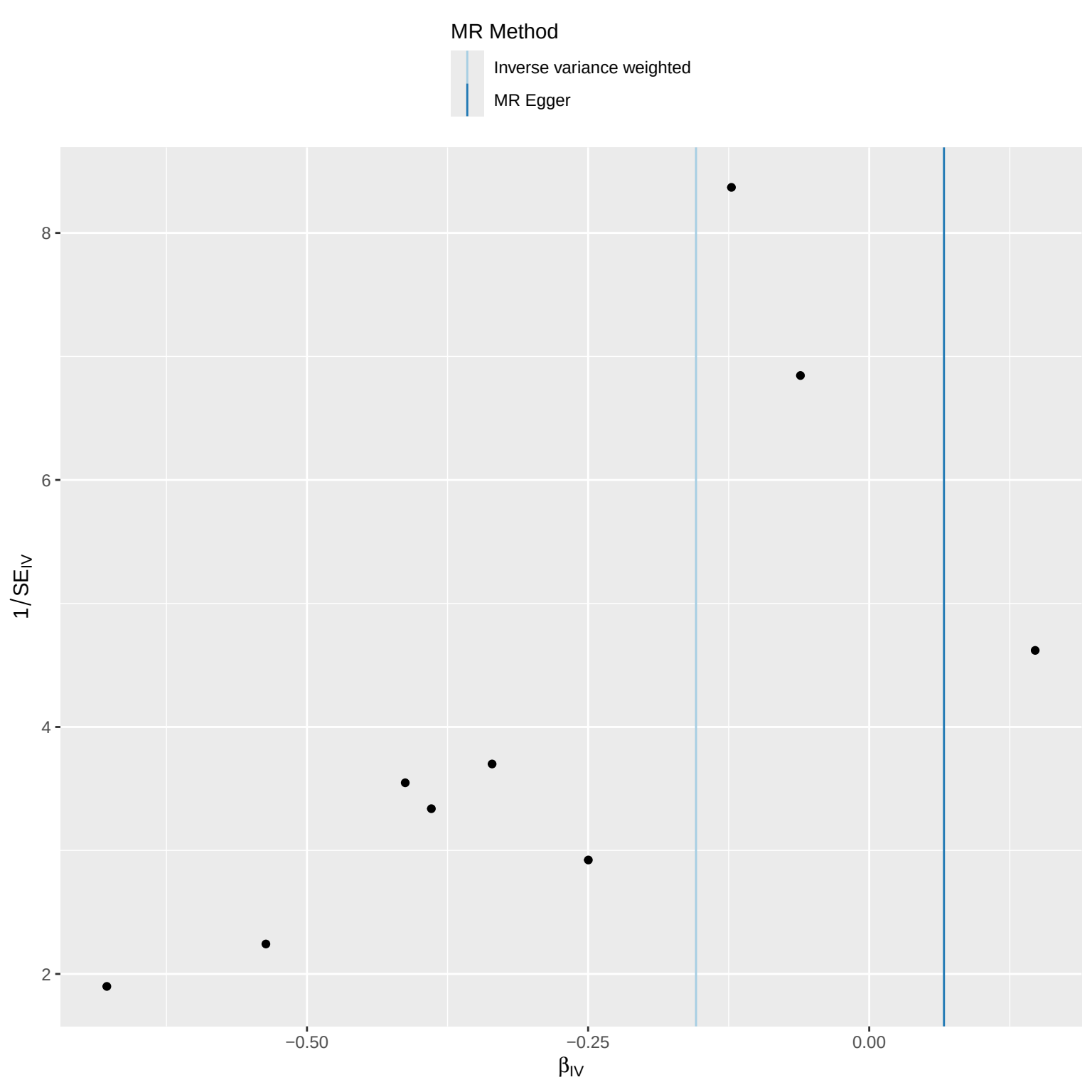

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

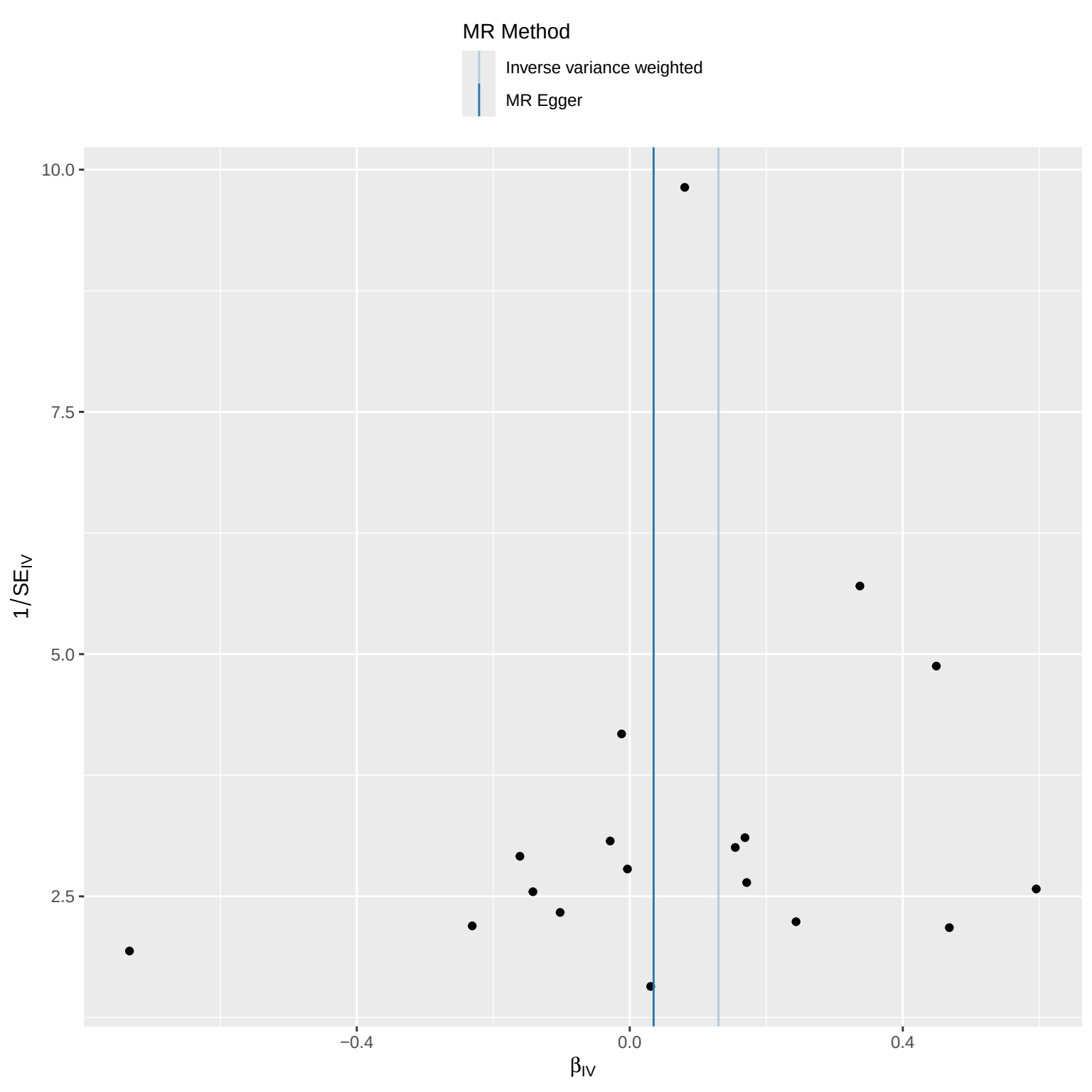

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

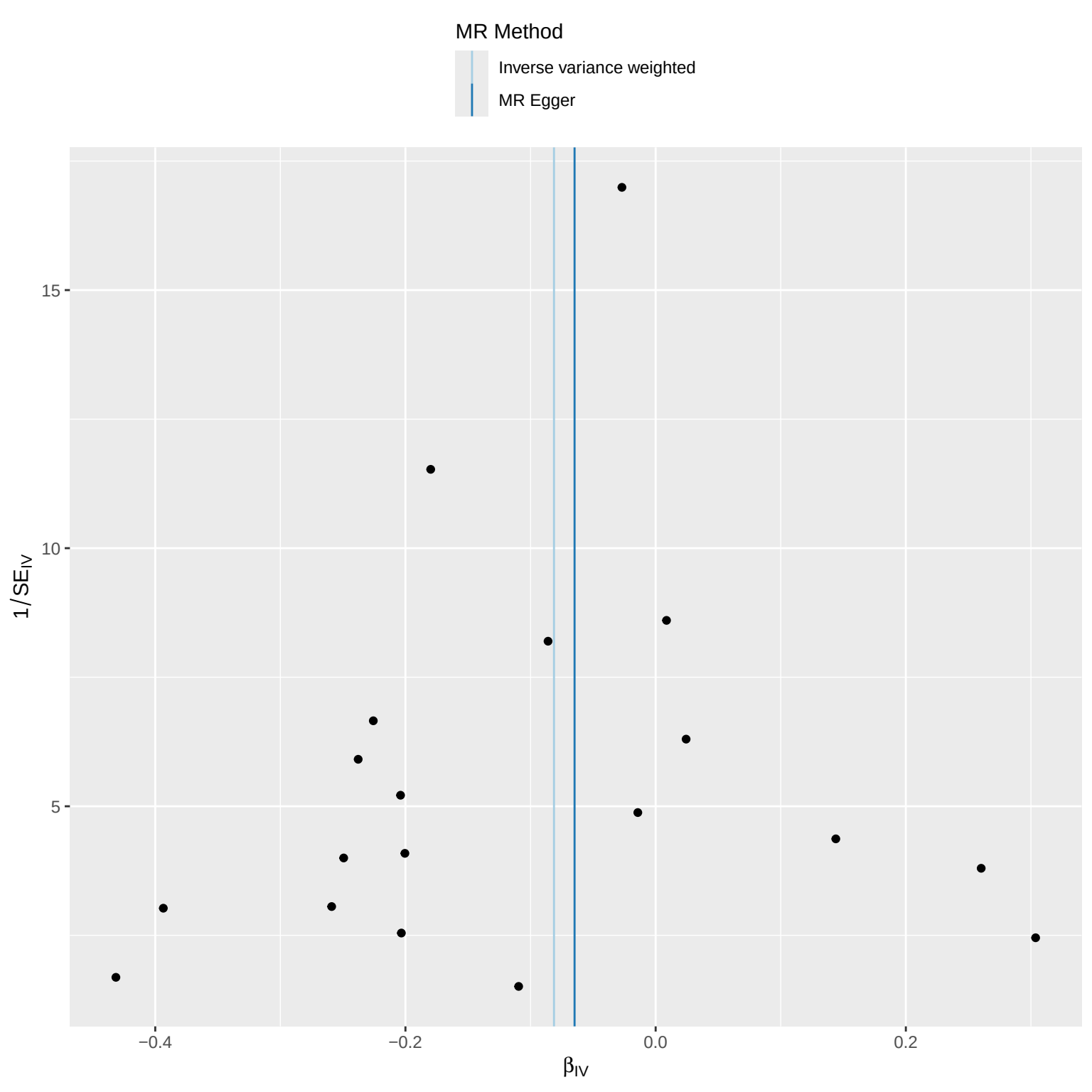

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

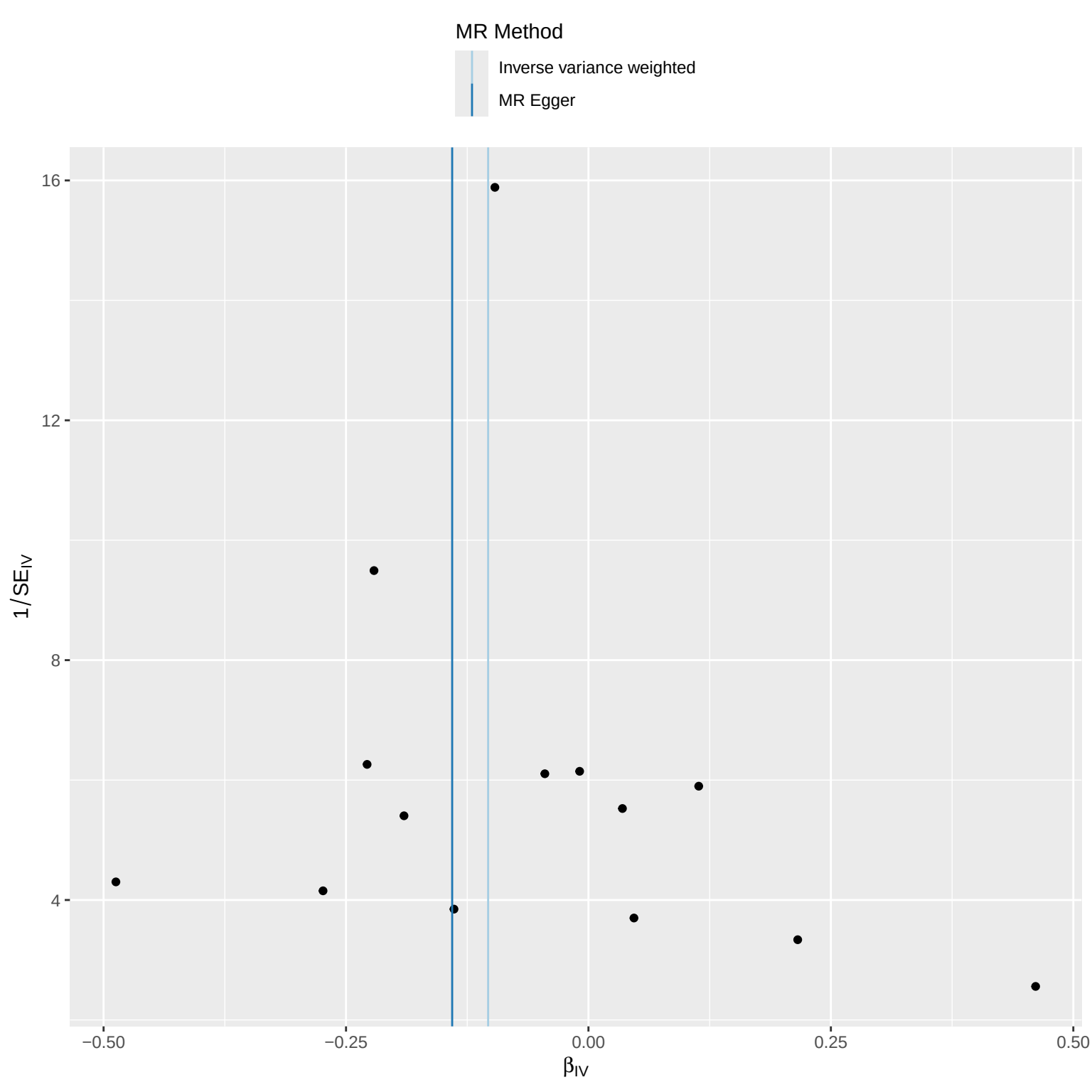

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−0.25
0.00
0.25
0.50
0.75
β_IV

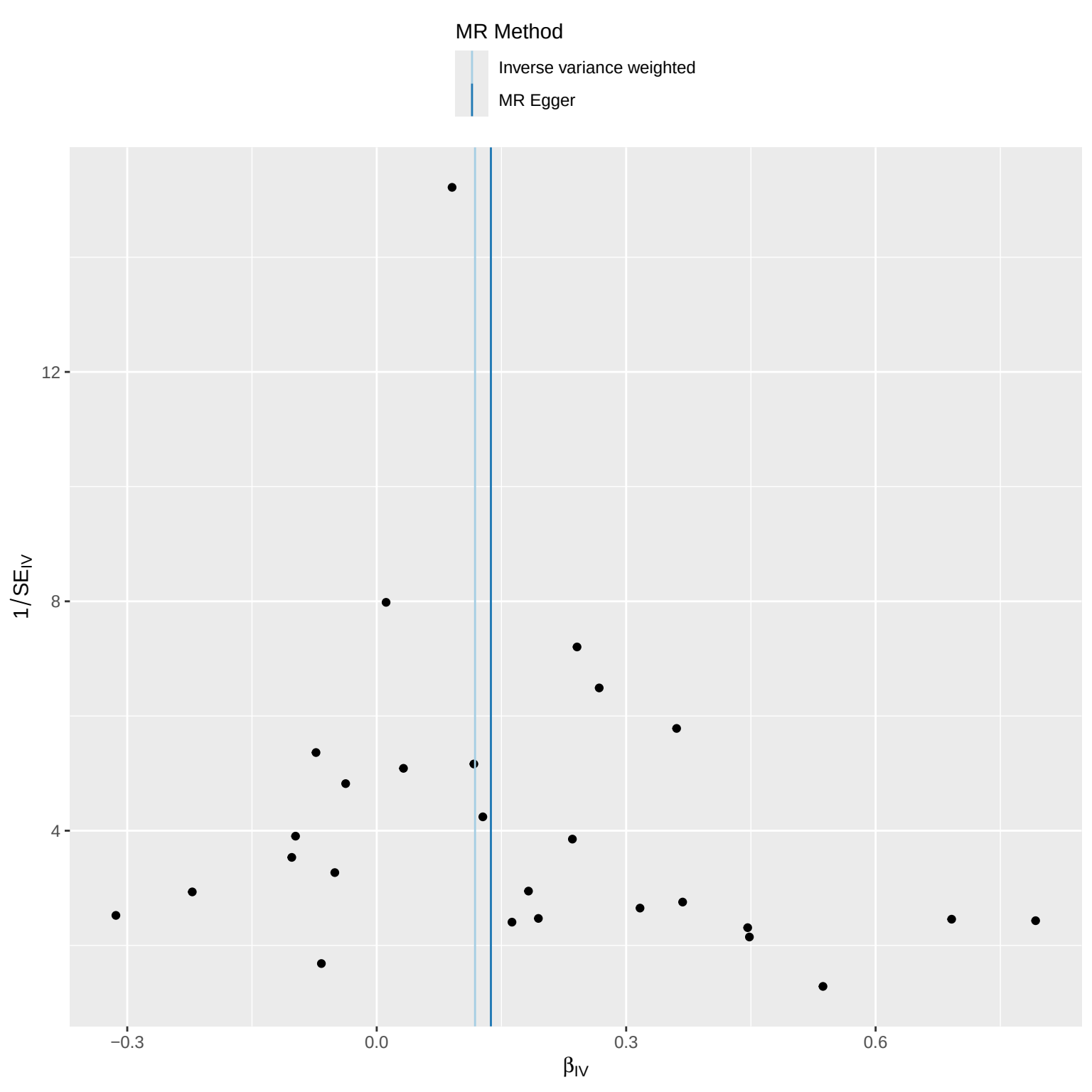

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

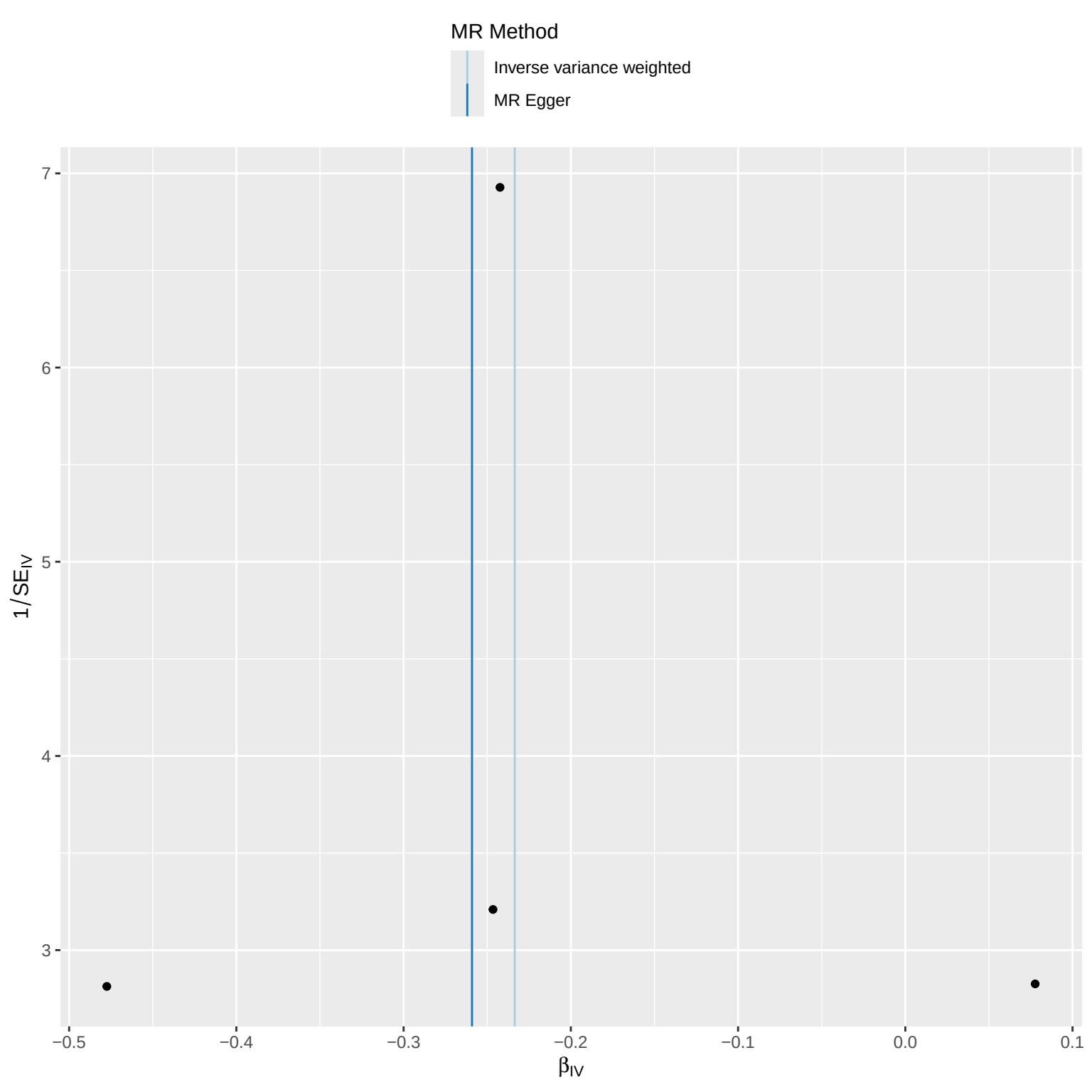

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.50
−0.25
0.00
β_IV

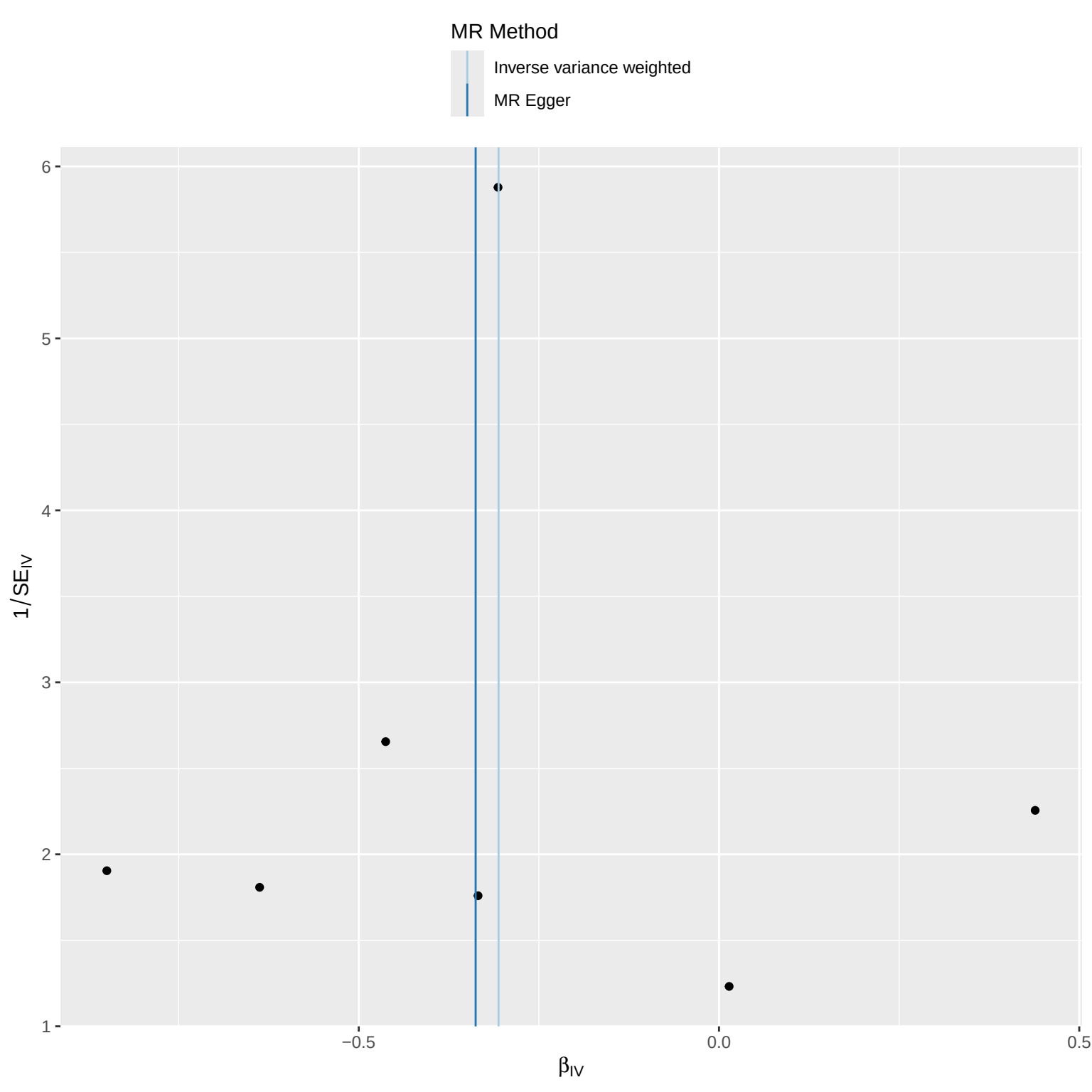

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.4
0.0
0.4
β_IV

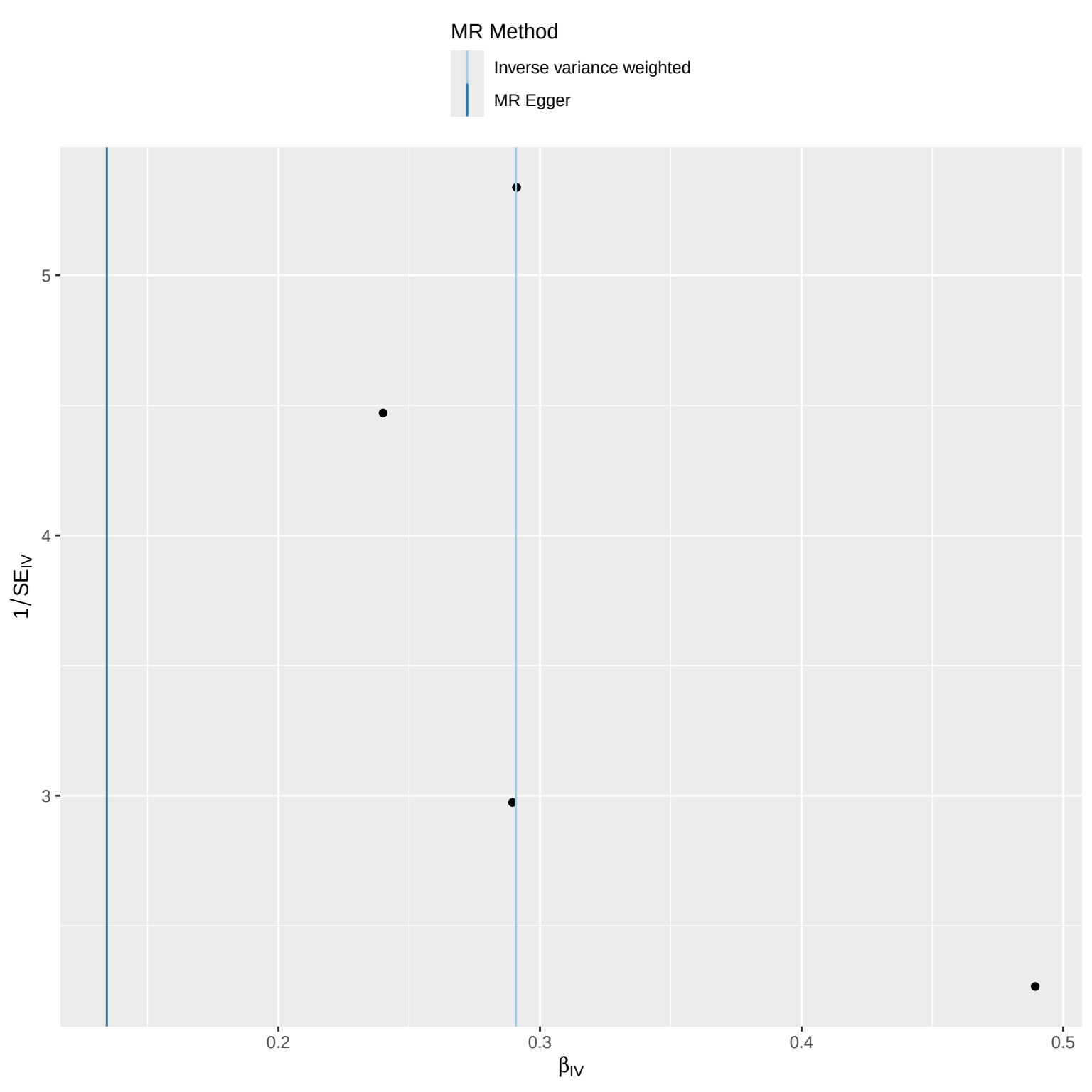

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.4
−0.2
0.0
0.2
β_IV

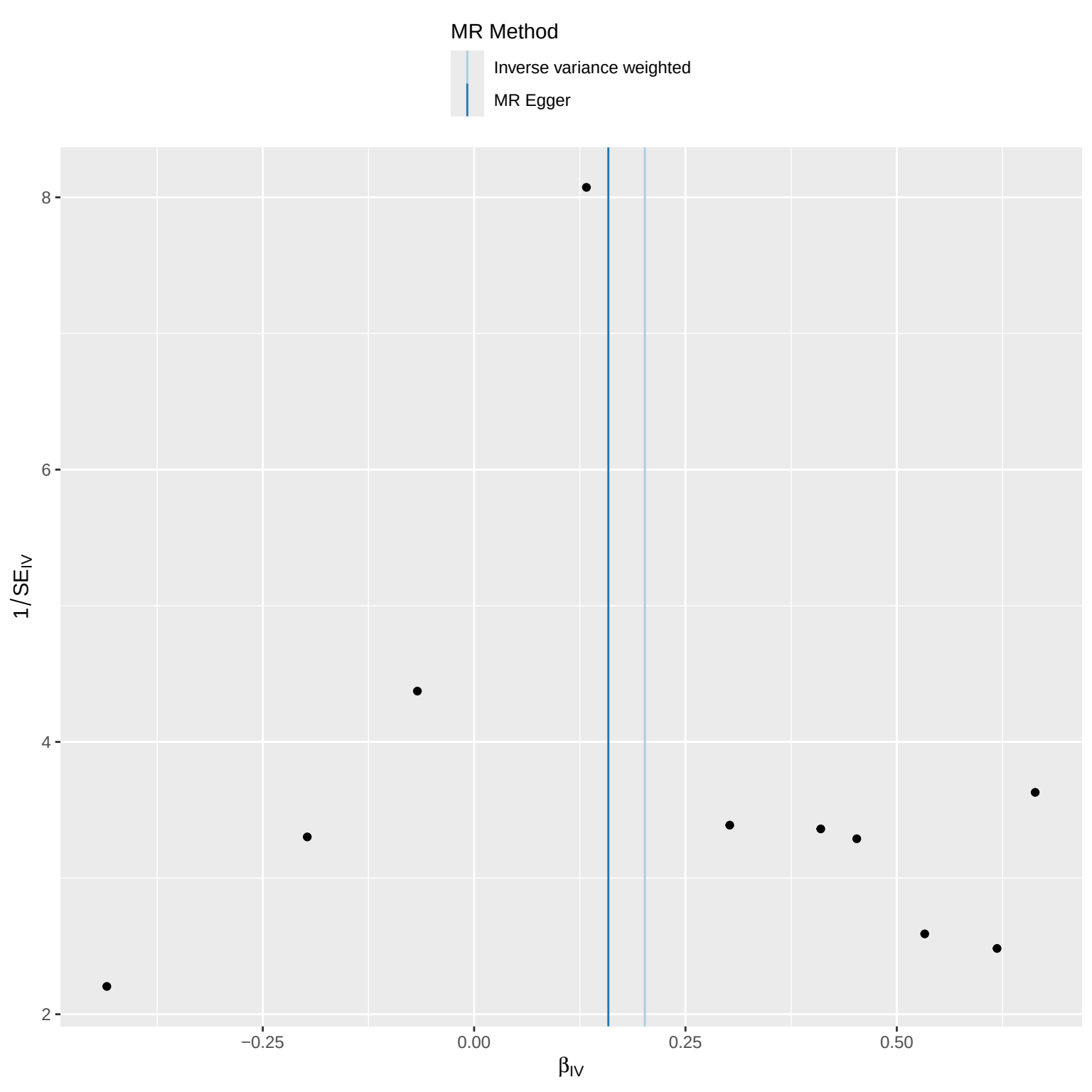

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.50
−0.25
0.00
0.25
0.50
β_IV

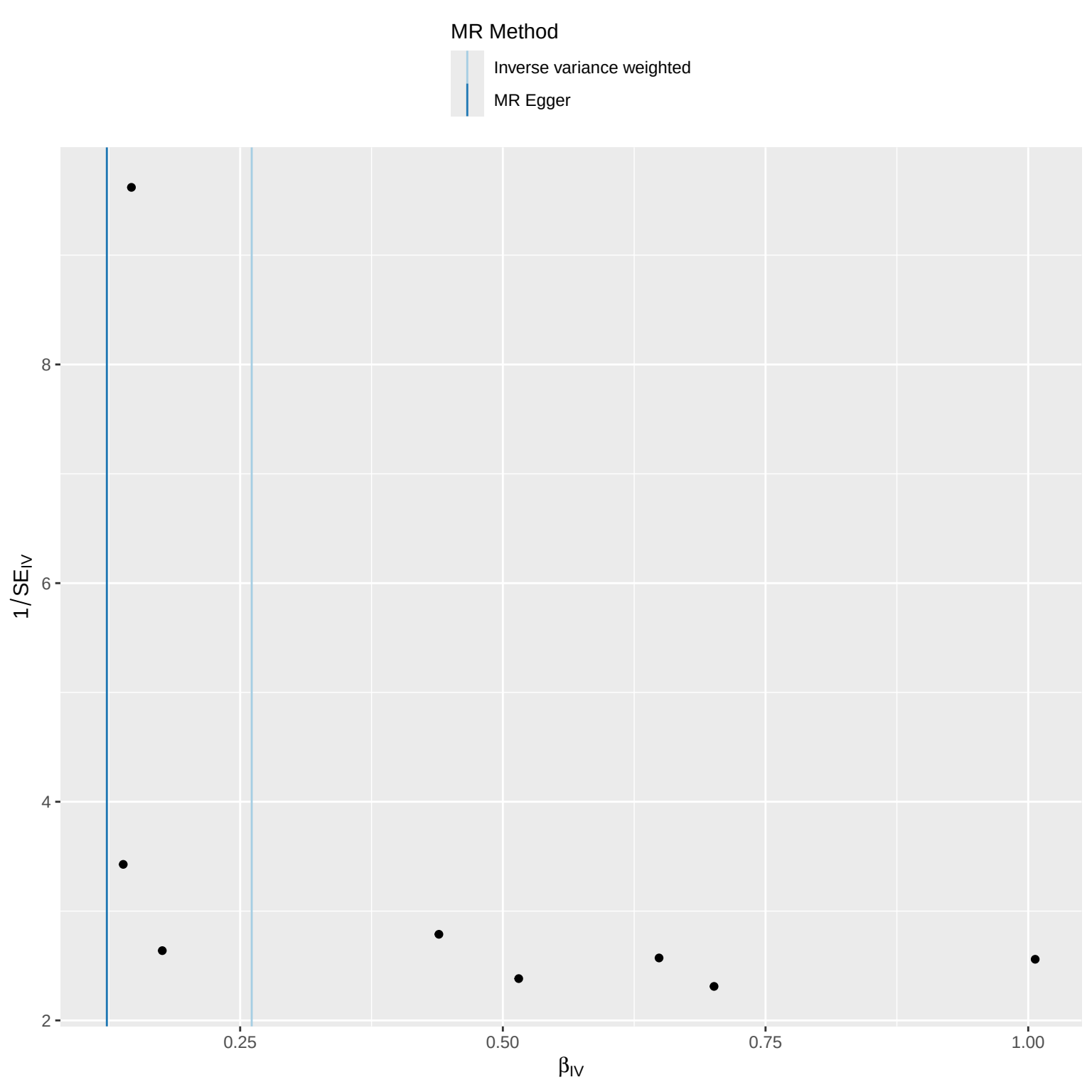

MR Method
Inverse variance weighted
MR Egger
12
8
4
1/SE_IV
−0.3
0.0
0.3
0.6
β_IV

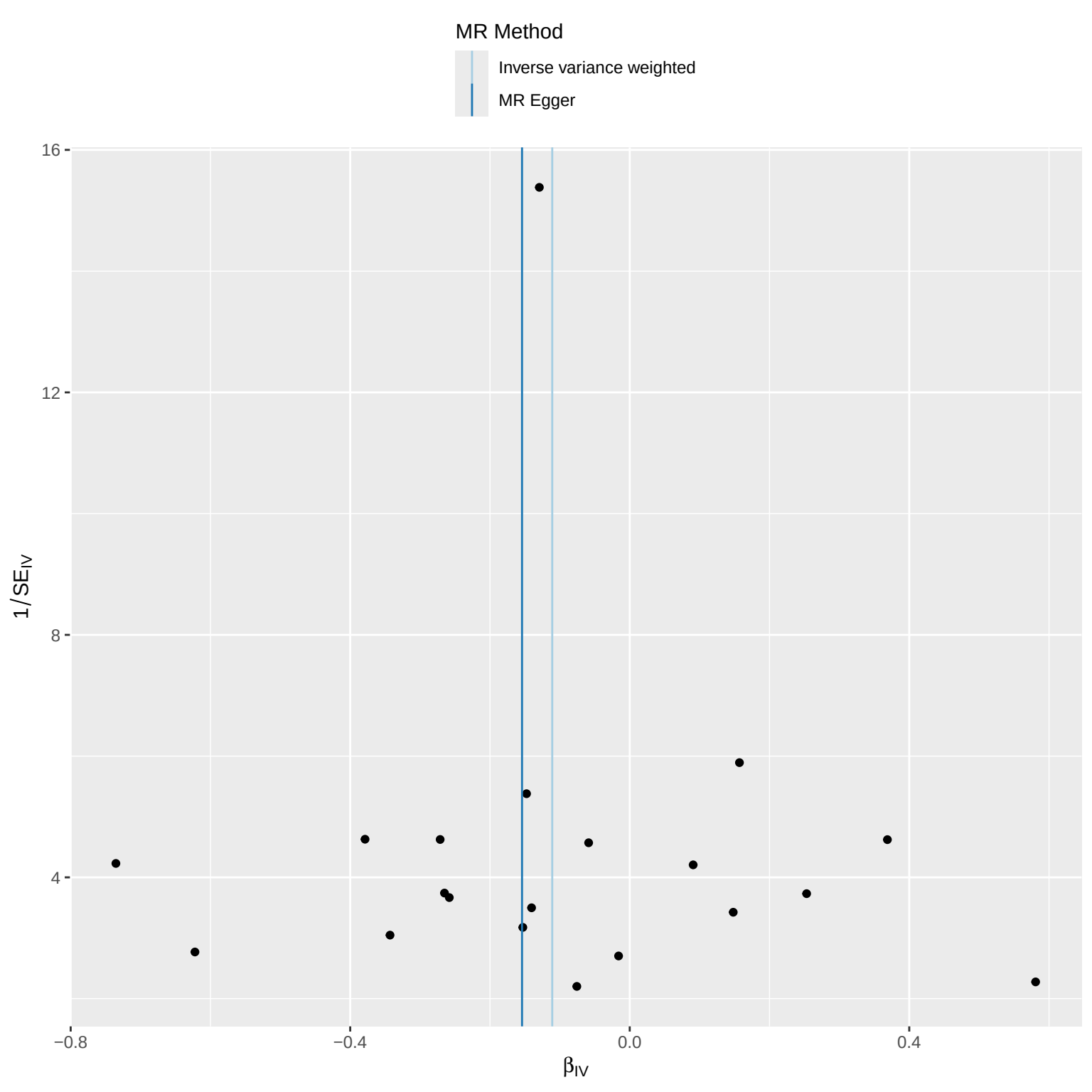

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
−0.5
−0.4
−0.3
−0.2
−0.1
0.0
0.1
β_IV

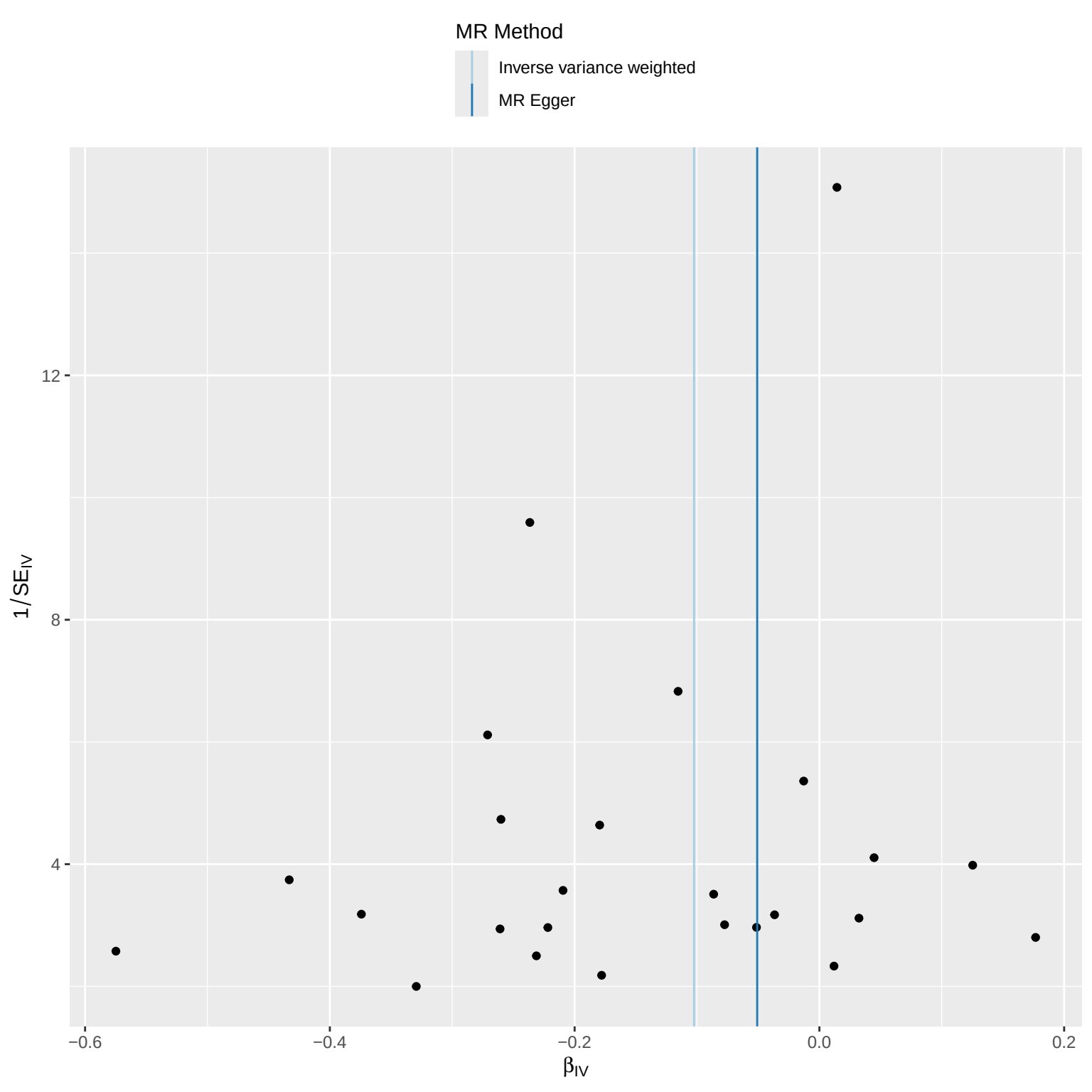

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
β_IV

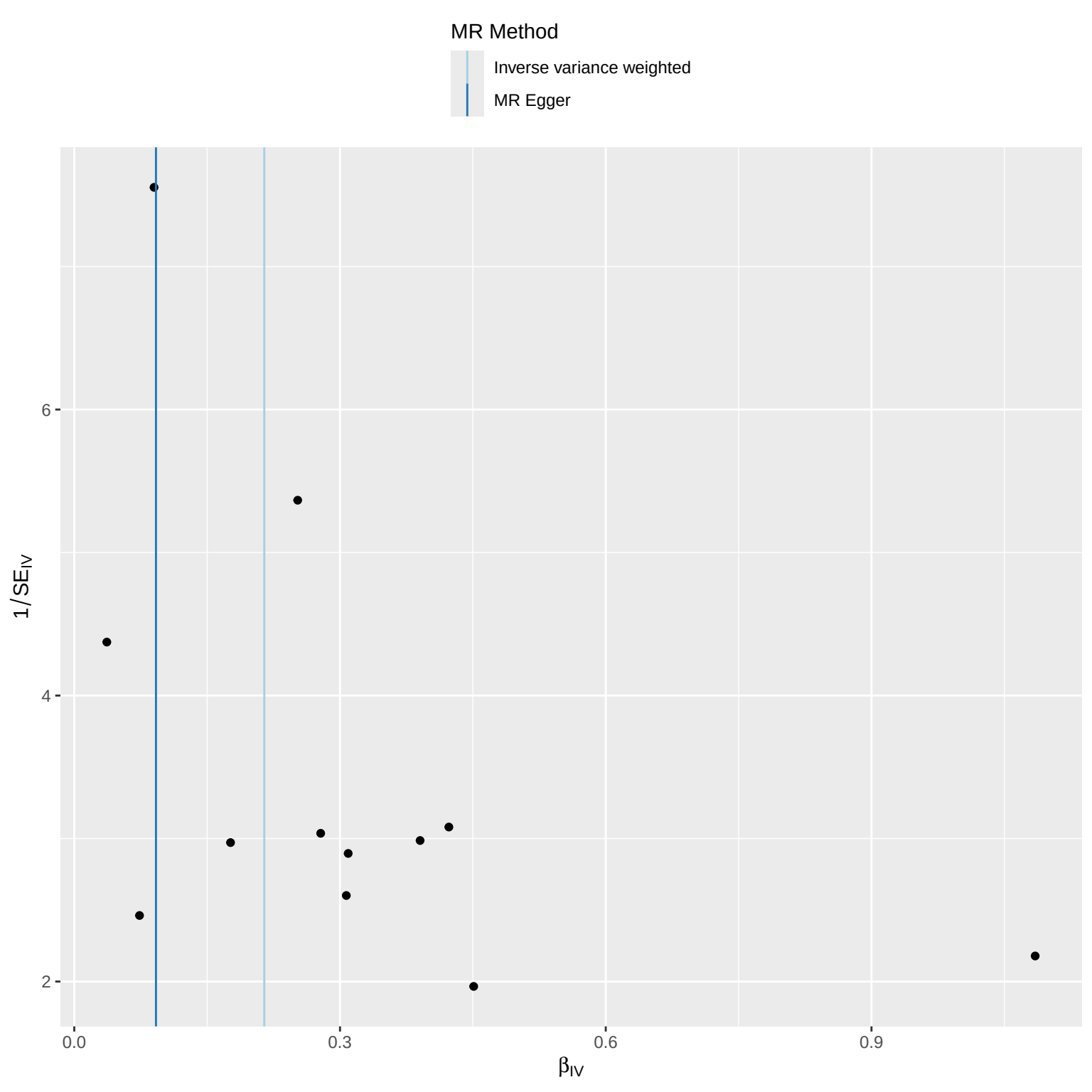

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
0.2
0.3
0.4
0.5
β_IV

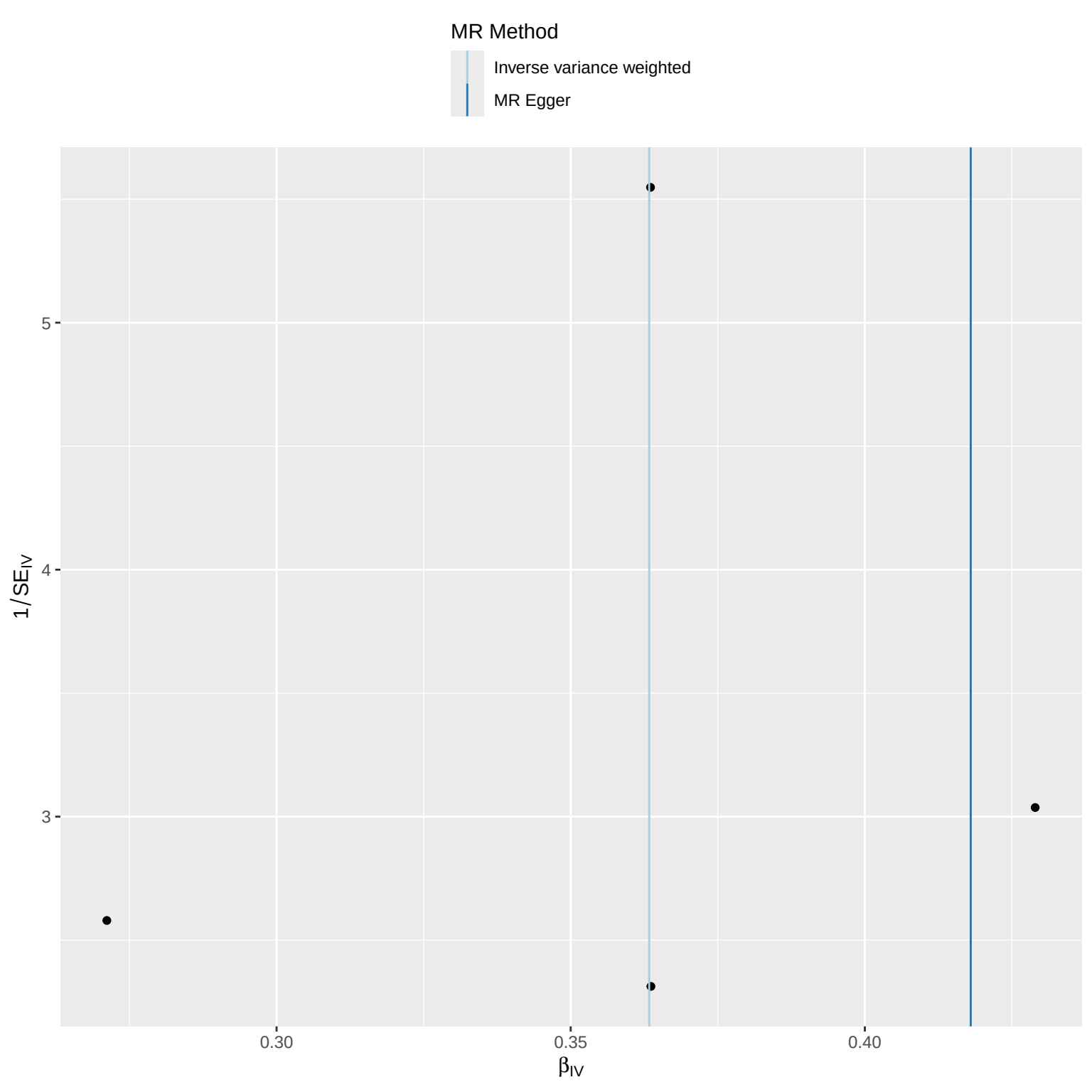

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

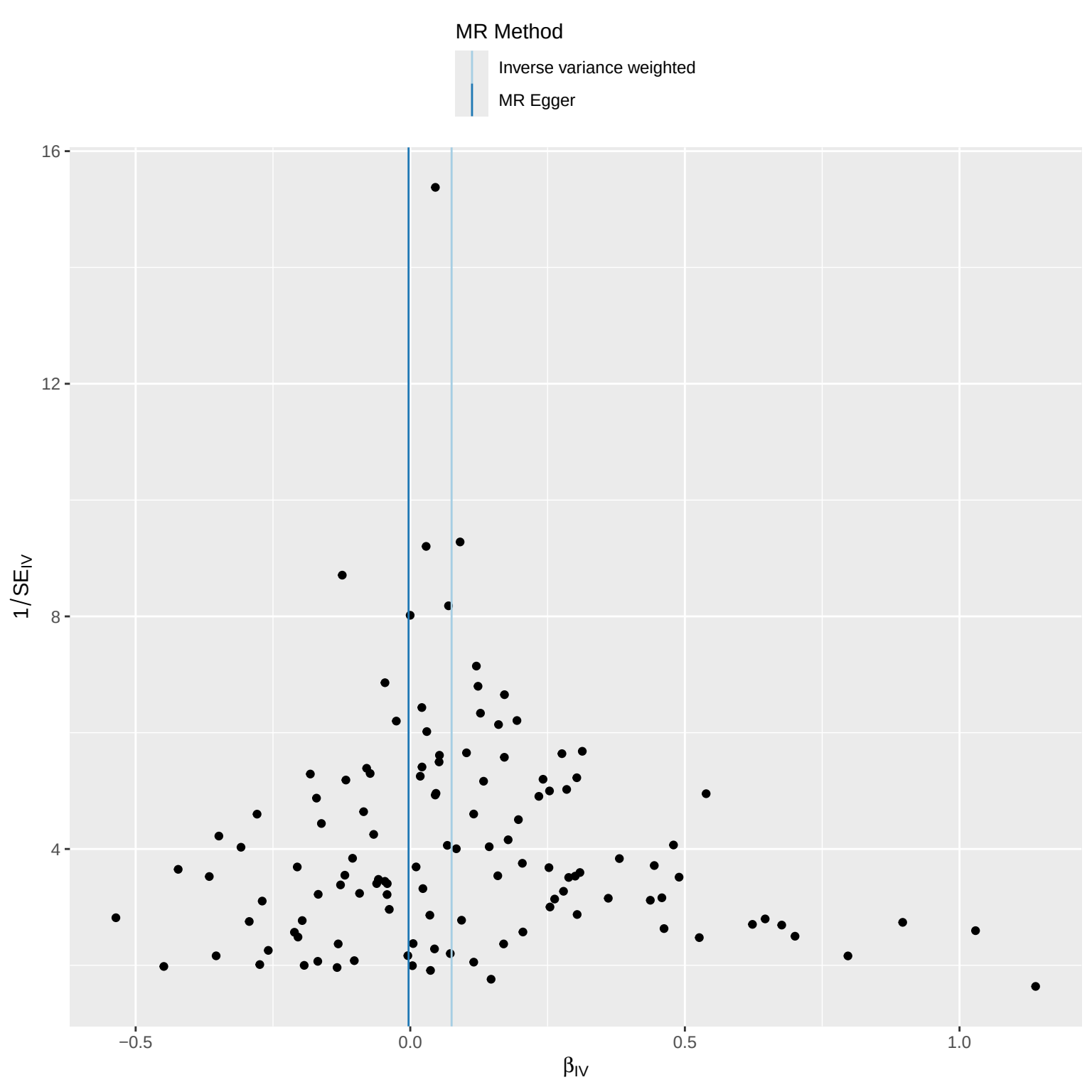

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.25
0.50
0.75
1.00
β_IV

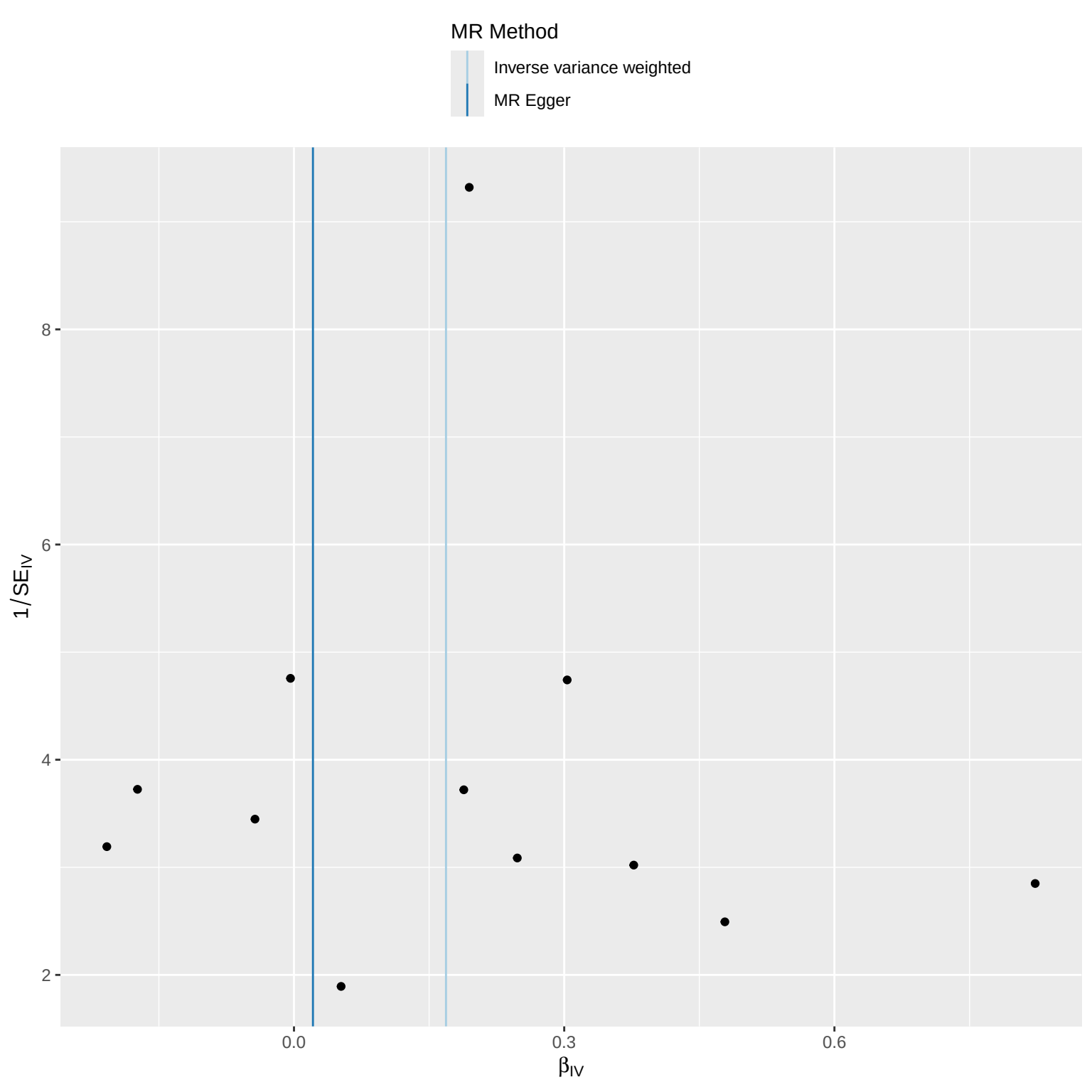

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

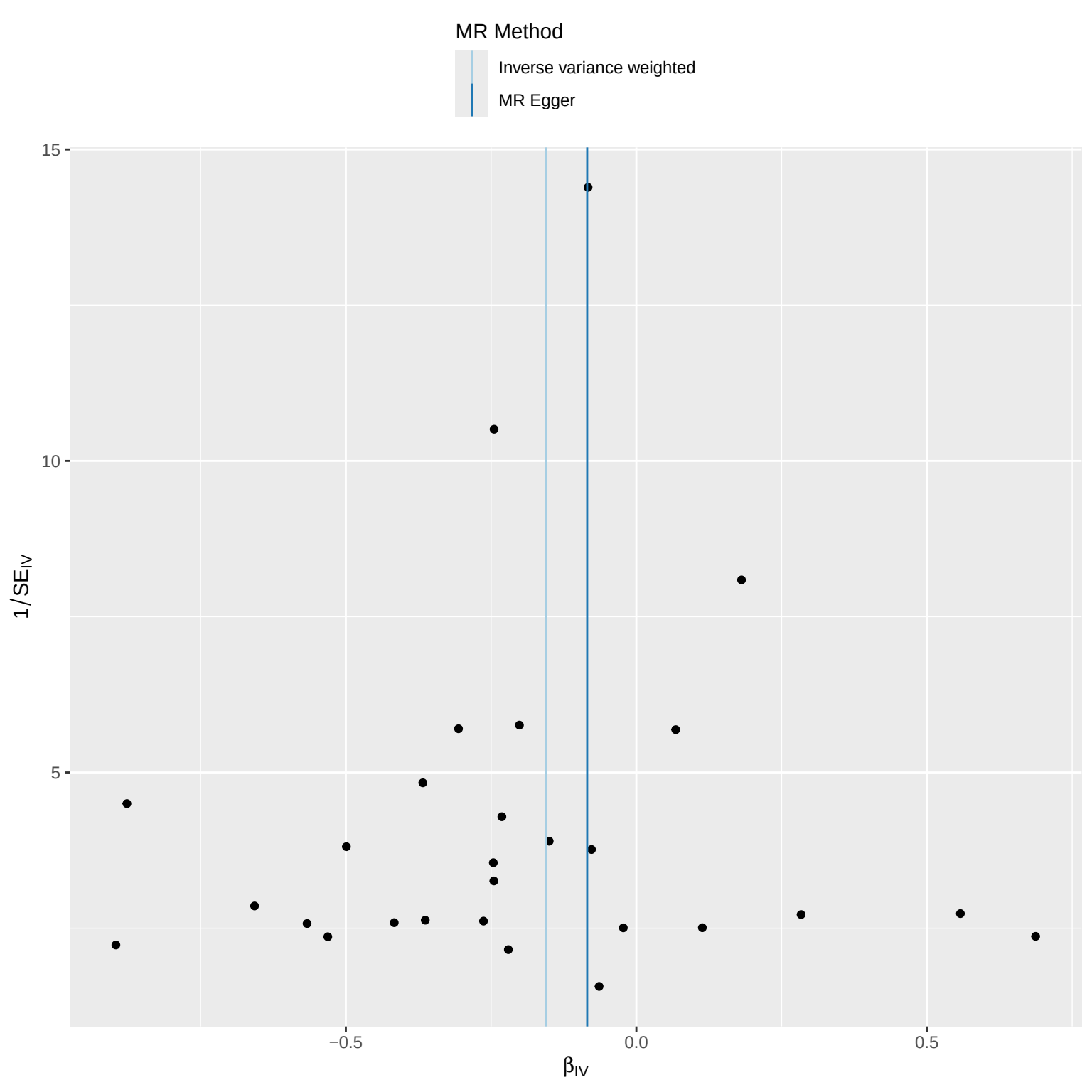

MR Method
Inverse variance weighted
MR Egger
12
8
4
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
β_IV

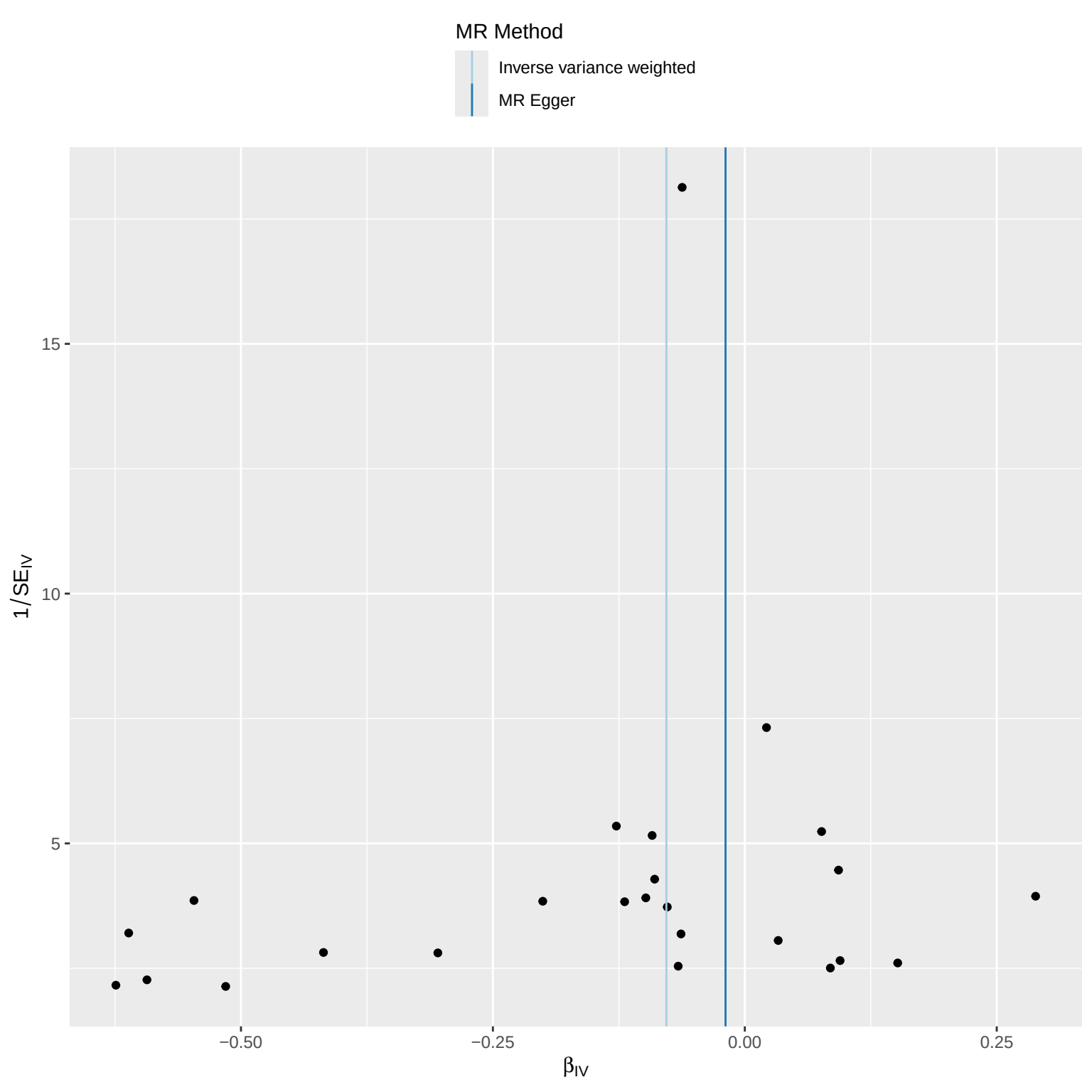

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.3
0.6
0.9
β_IV

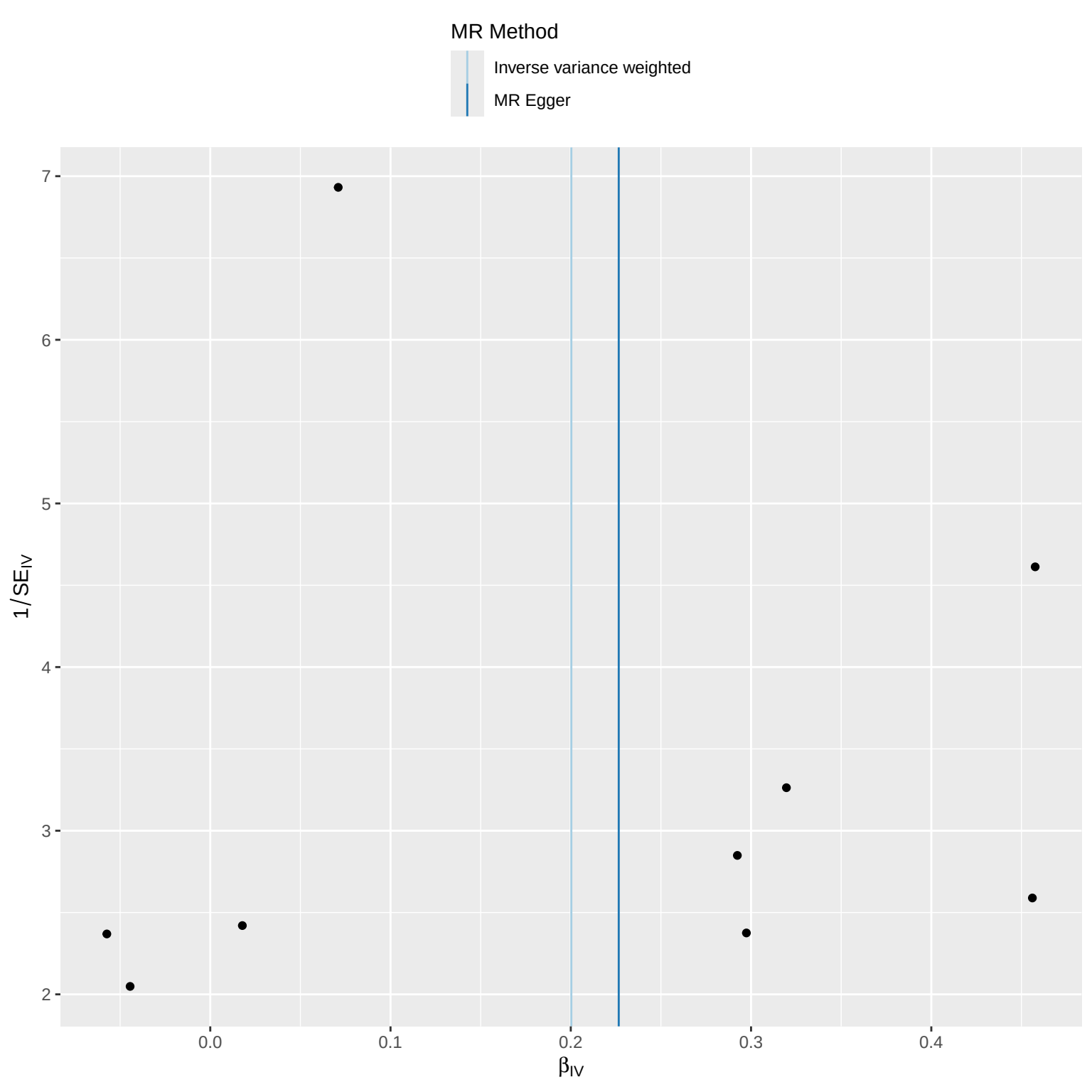

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
0.30
0.35
0.40
β_IV

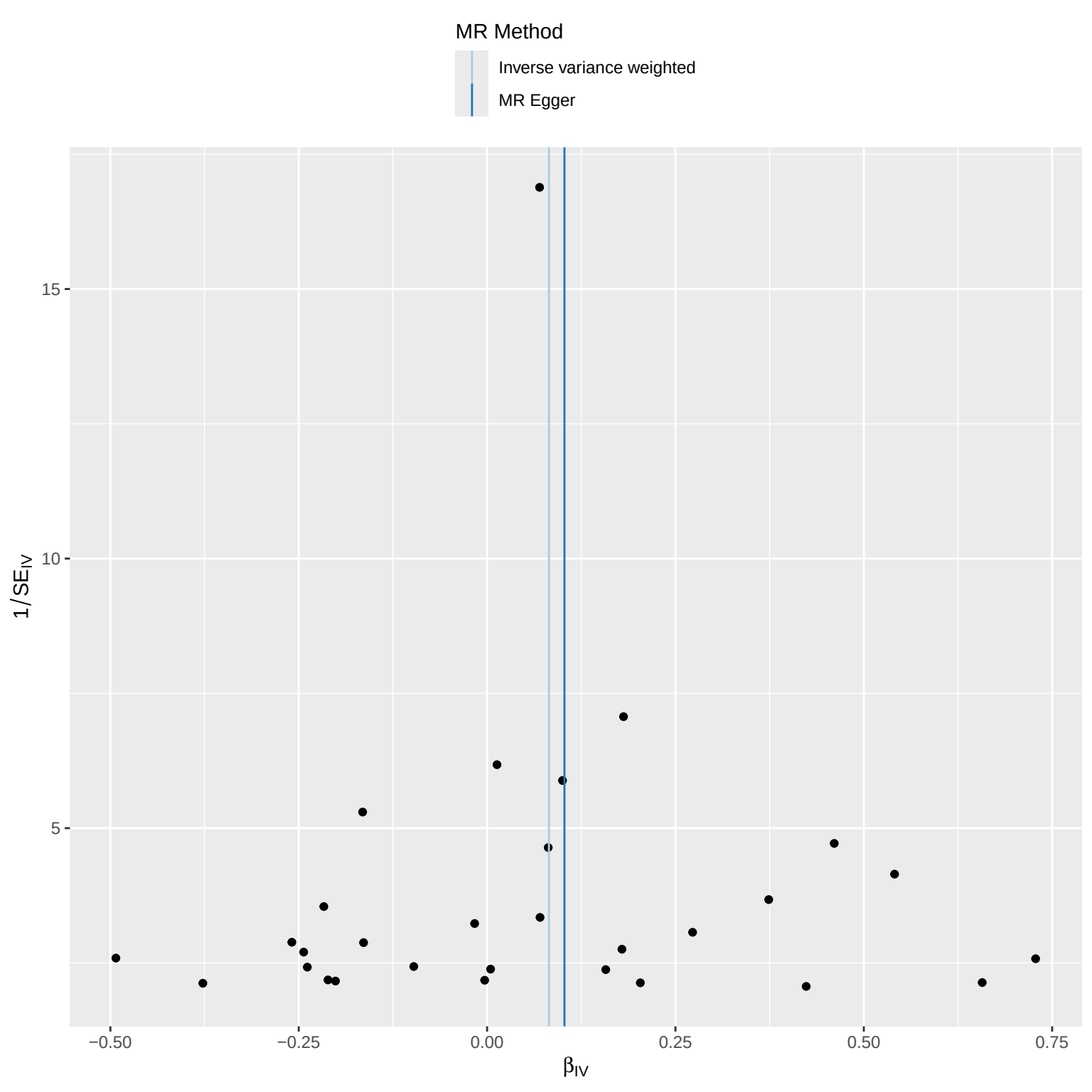

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

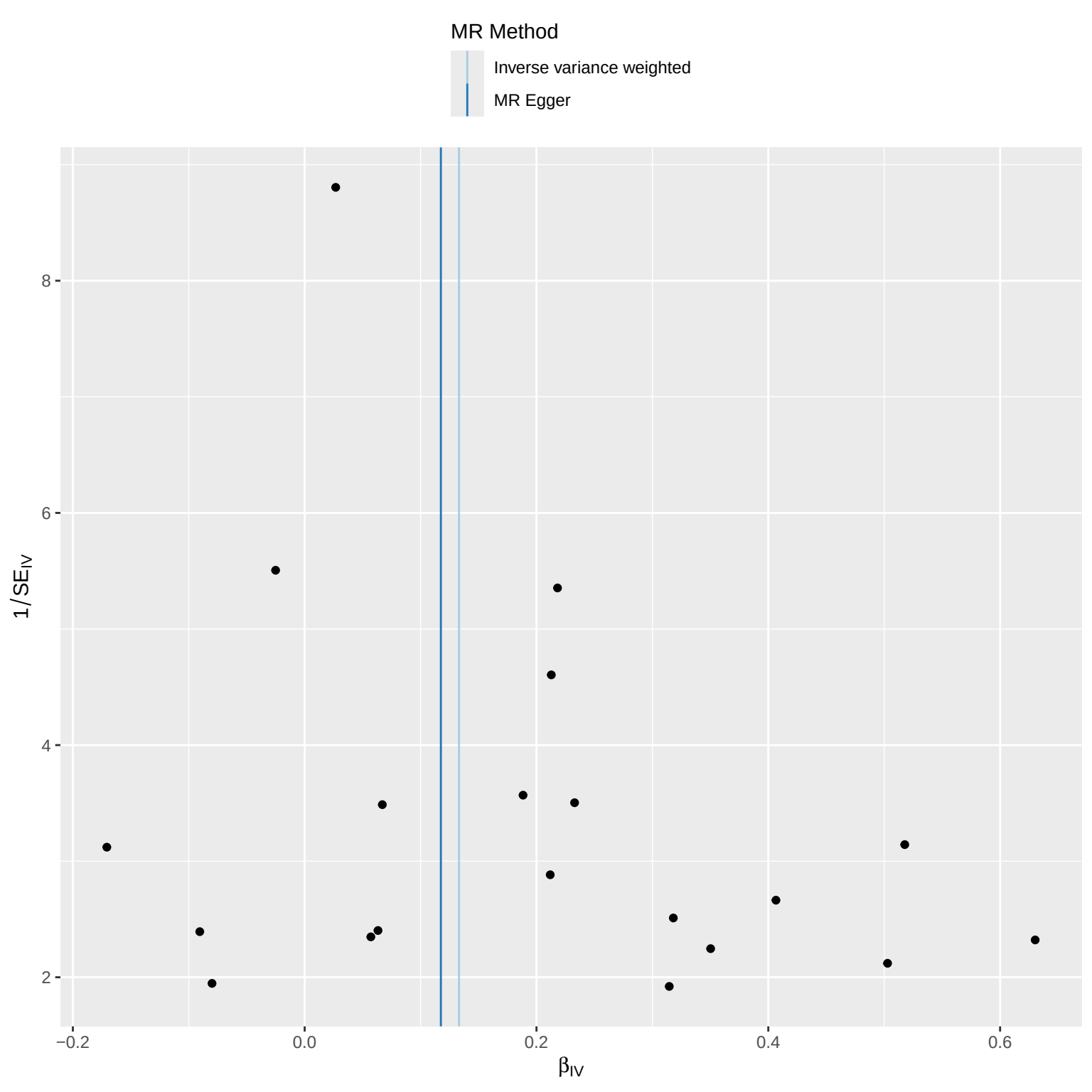

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.0
0.3
0.6
β_IV

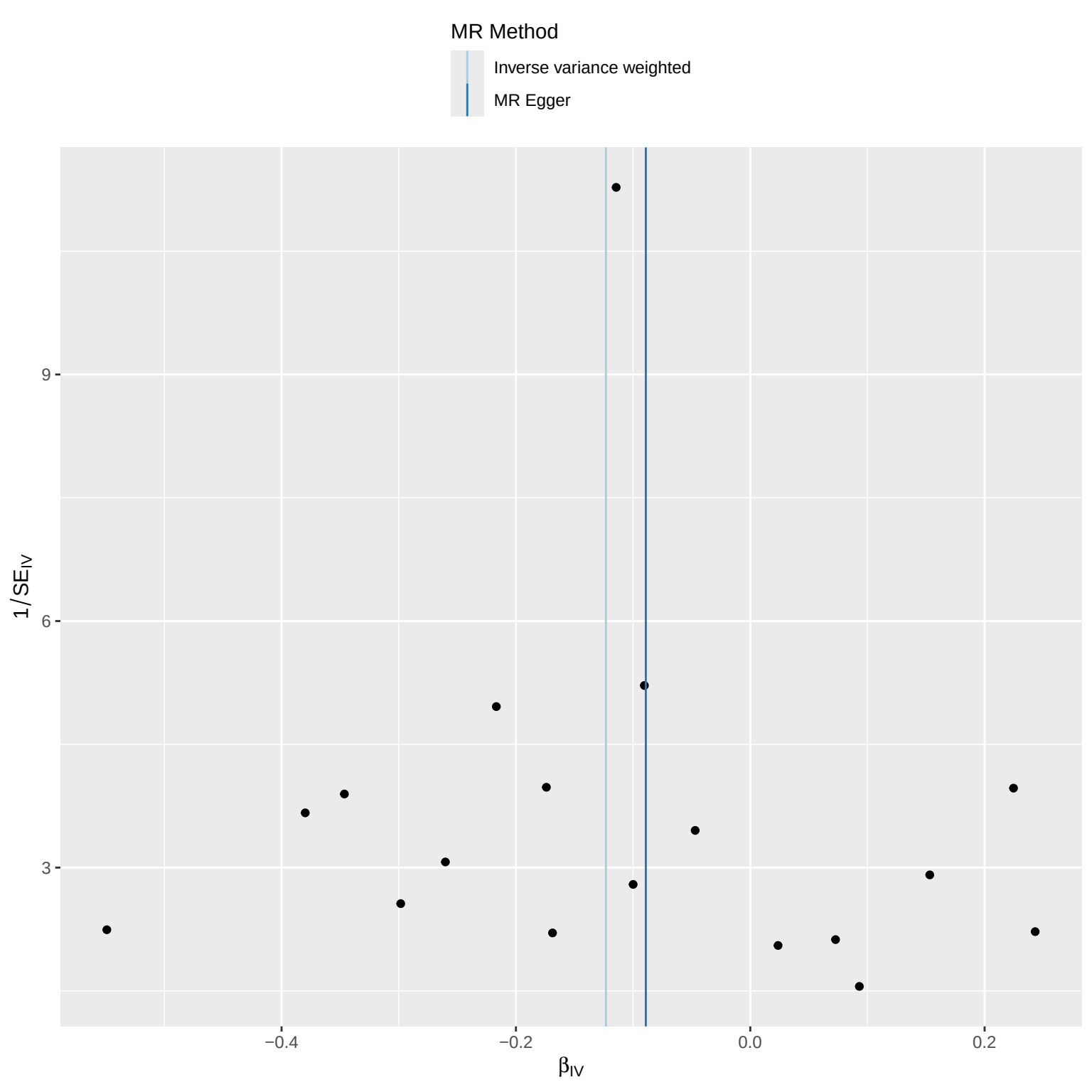

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.5
0.0
0.5
β_IV

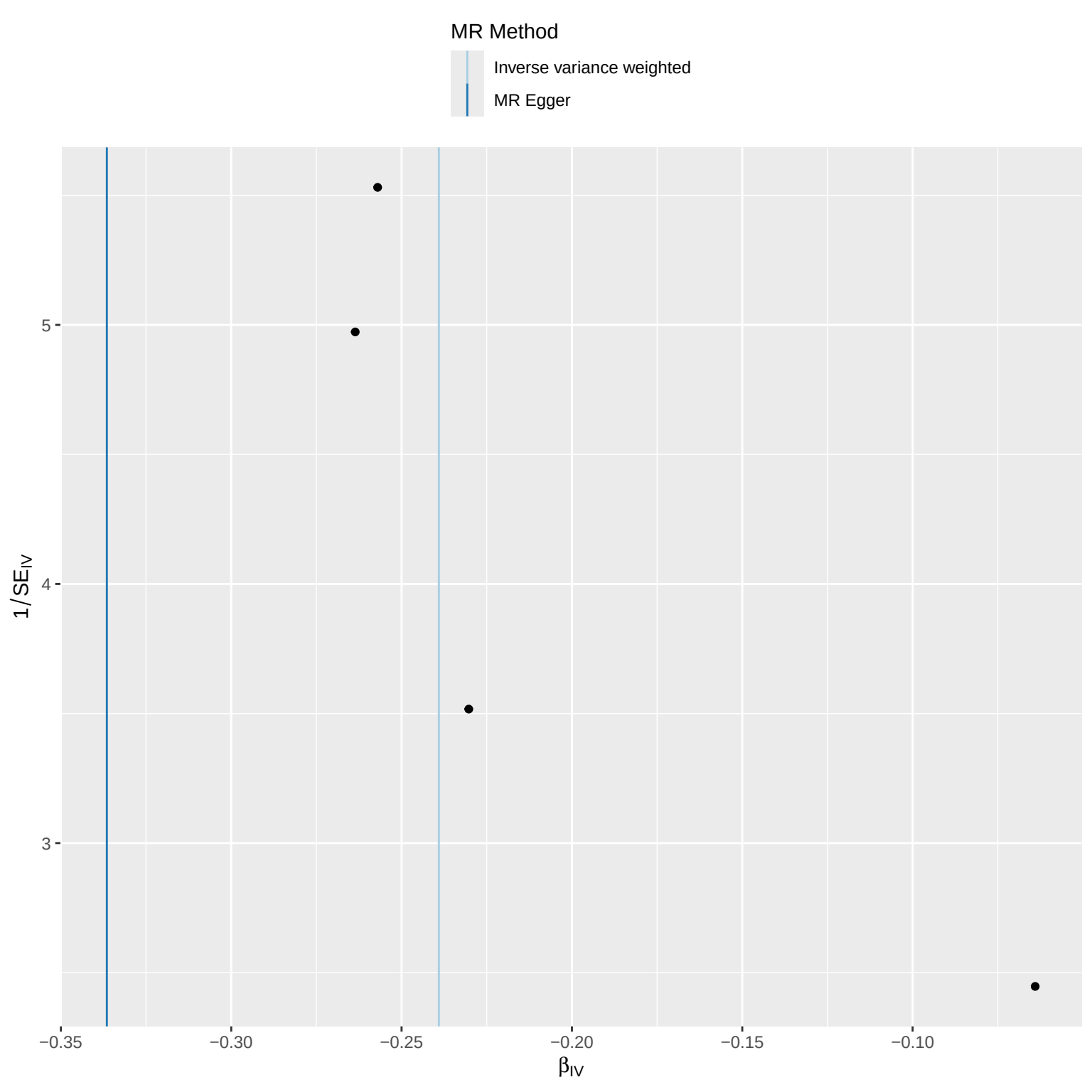

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

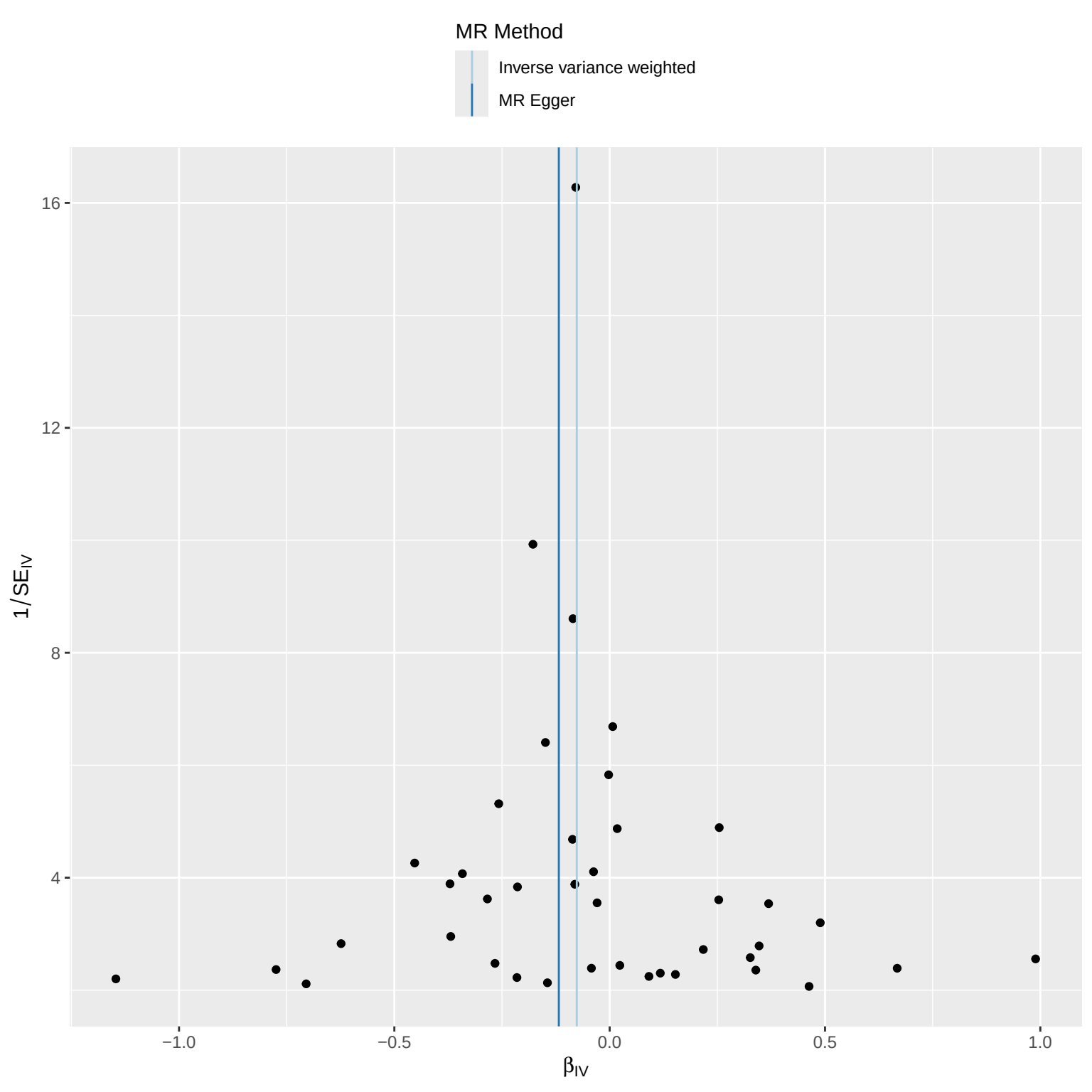

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
0.0
0.1
0.2
0.3
0.4
β_IV

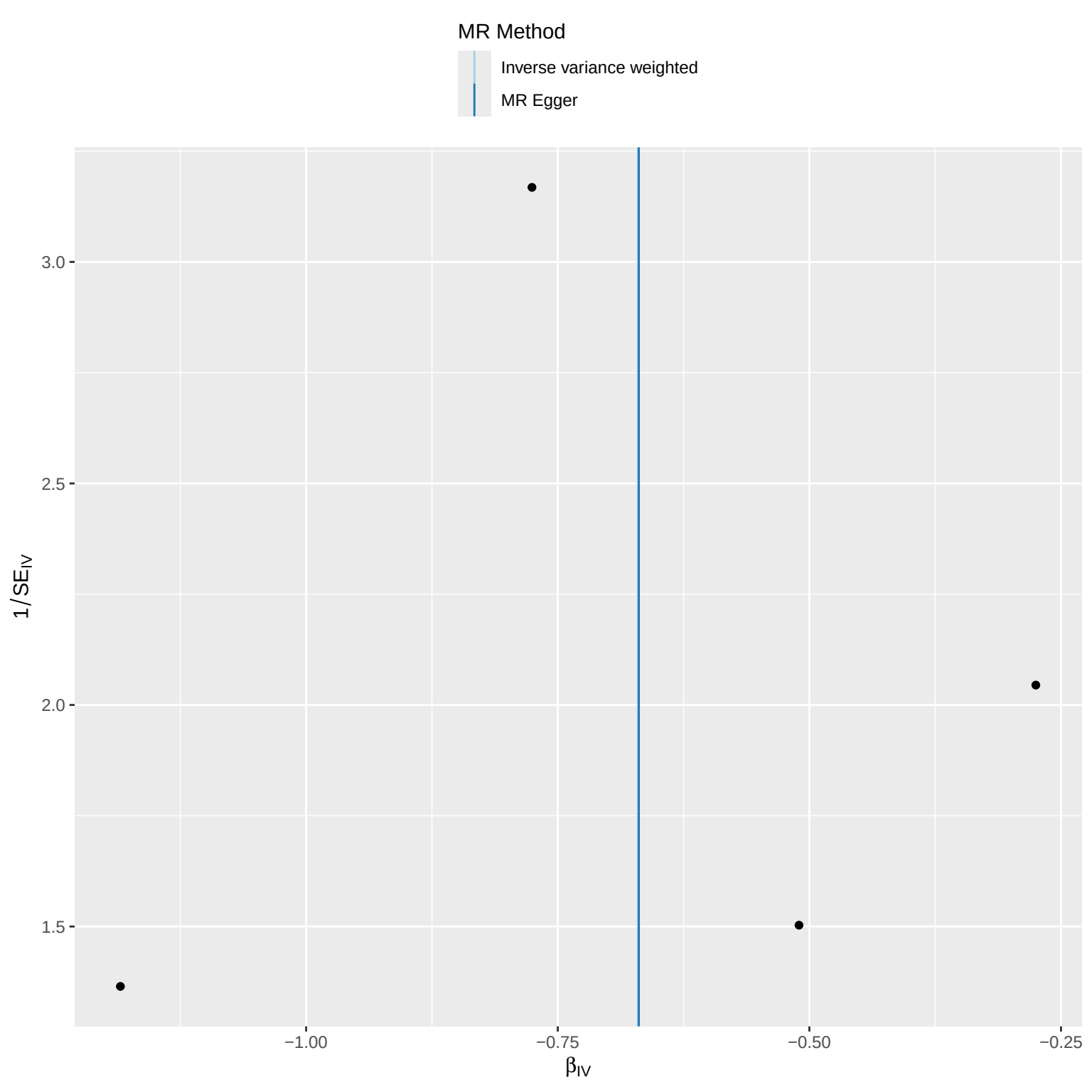

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.50
−0.25
0.00
0.25
0.50
0.75
β_IV

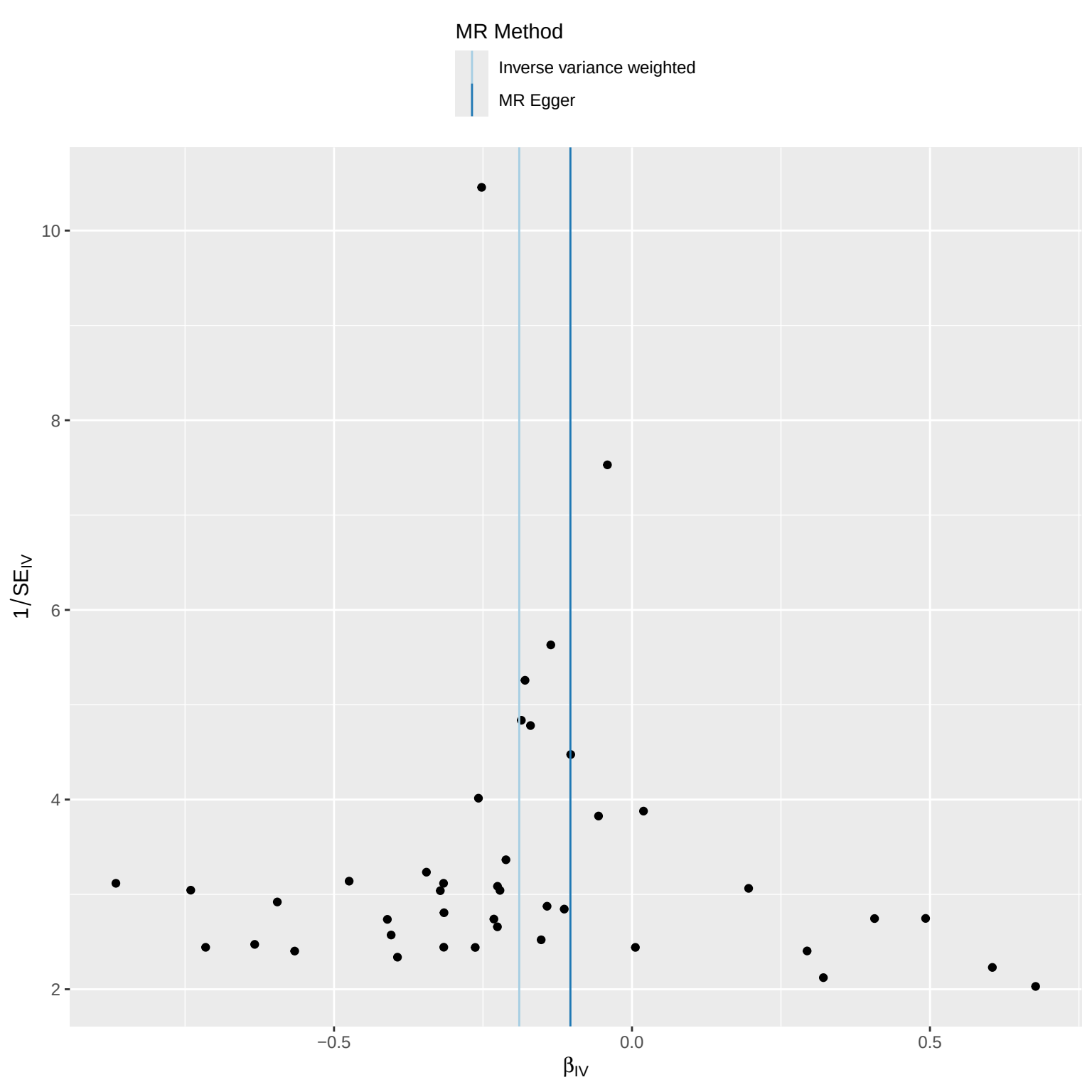

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.2
0.0
0.2
0.4
0.6
β_IV

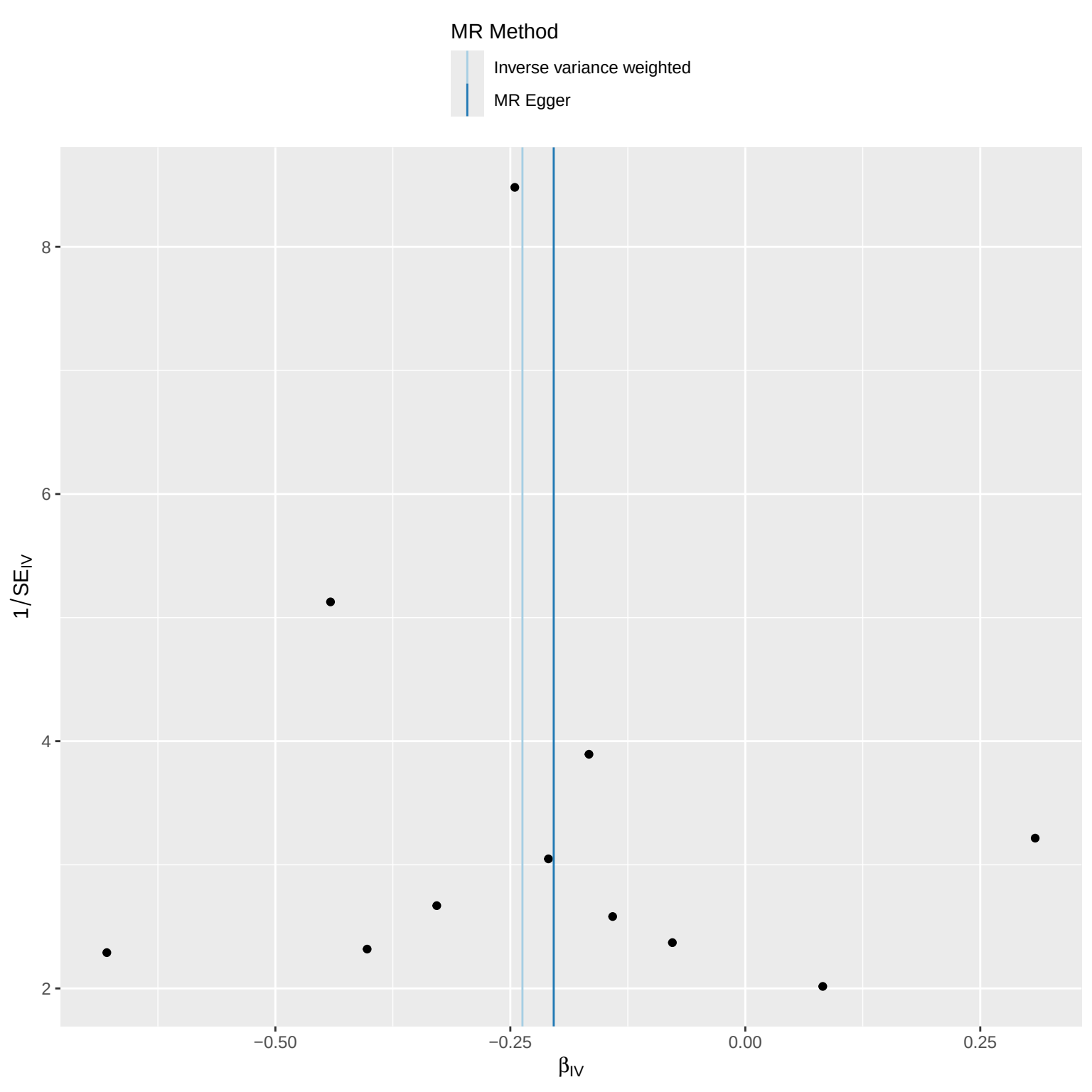

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.4
−0.2
0.0
0.2
β_IV

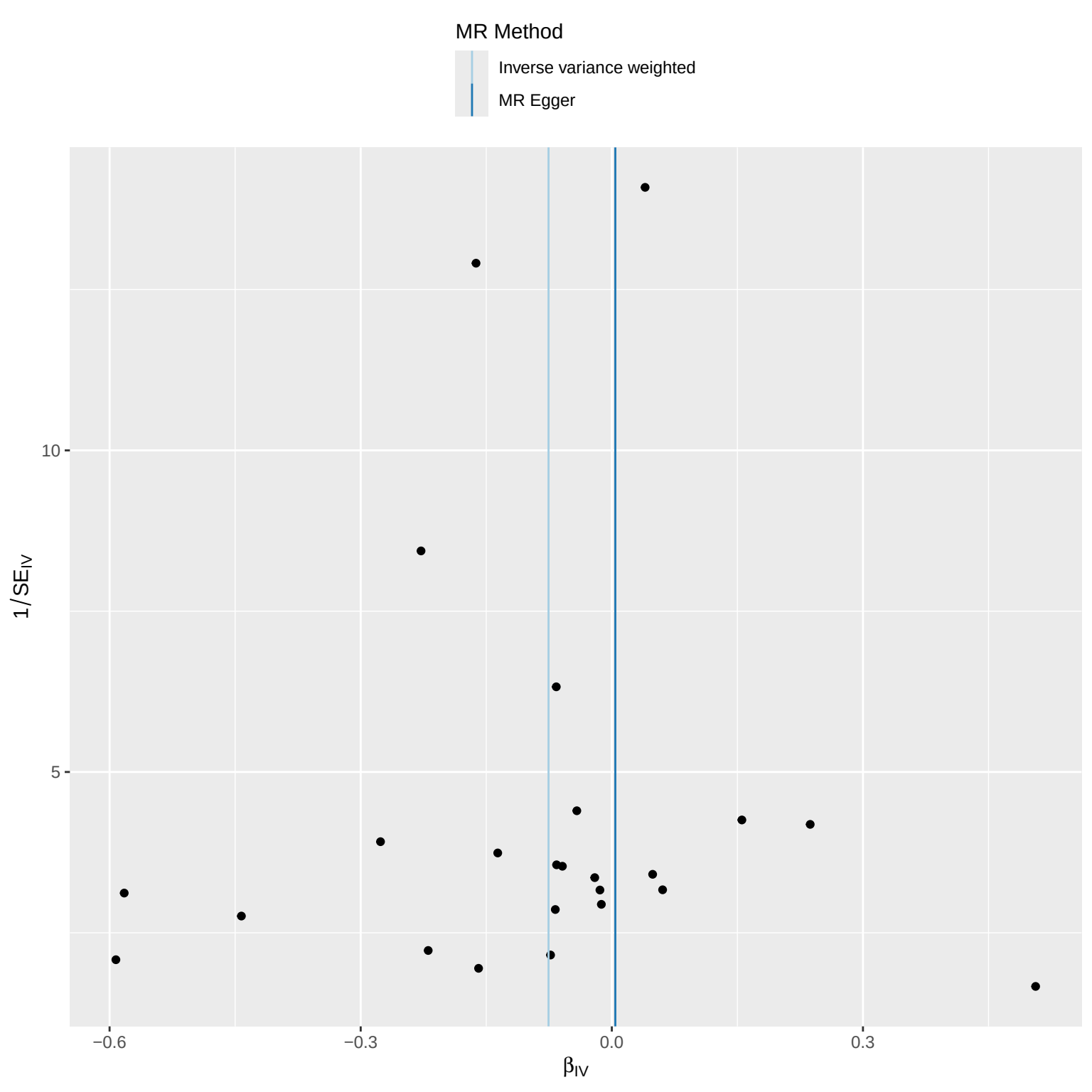

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
−0.35
−0.30
−0.25
−0.20
−0.15
−0.10
β_IV

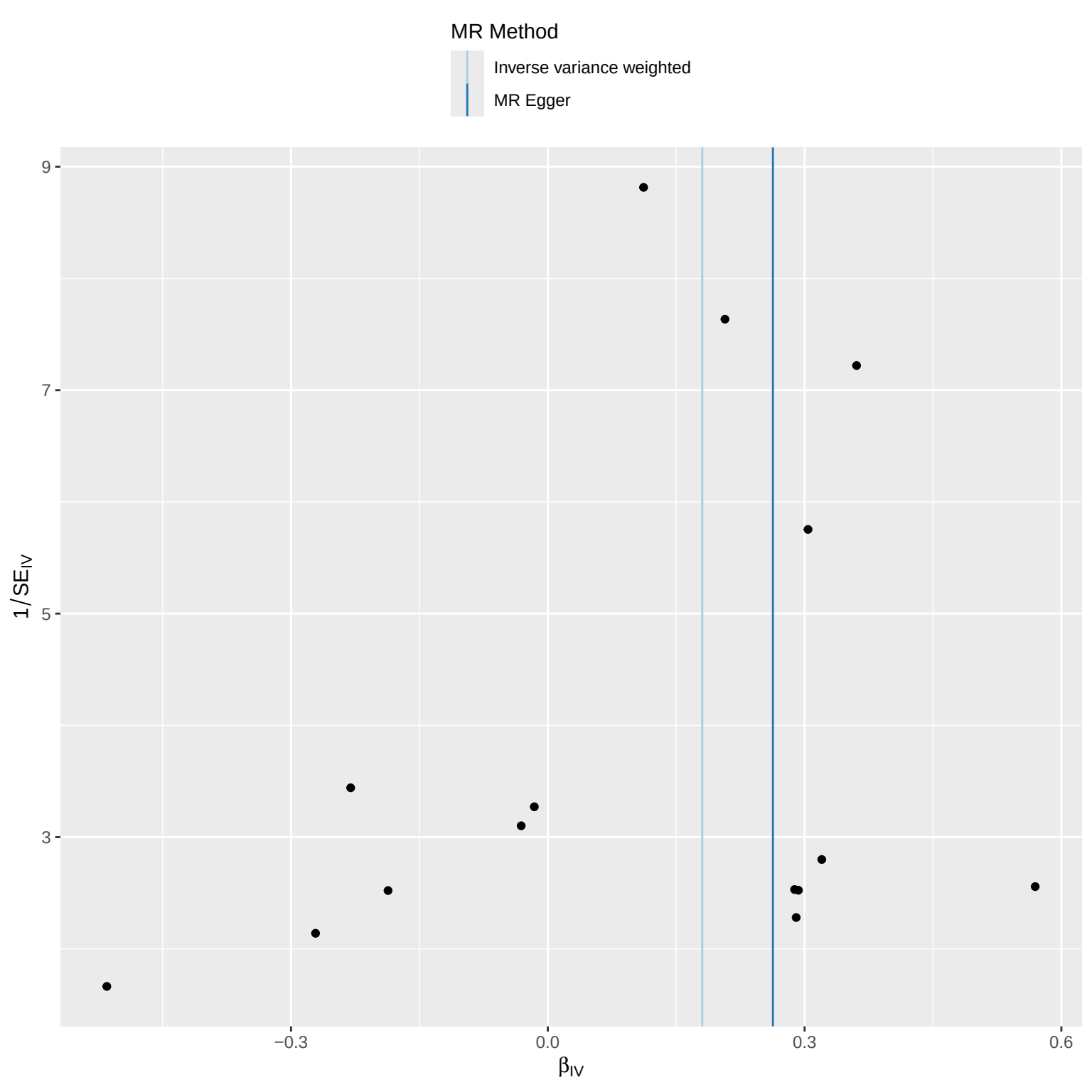

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

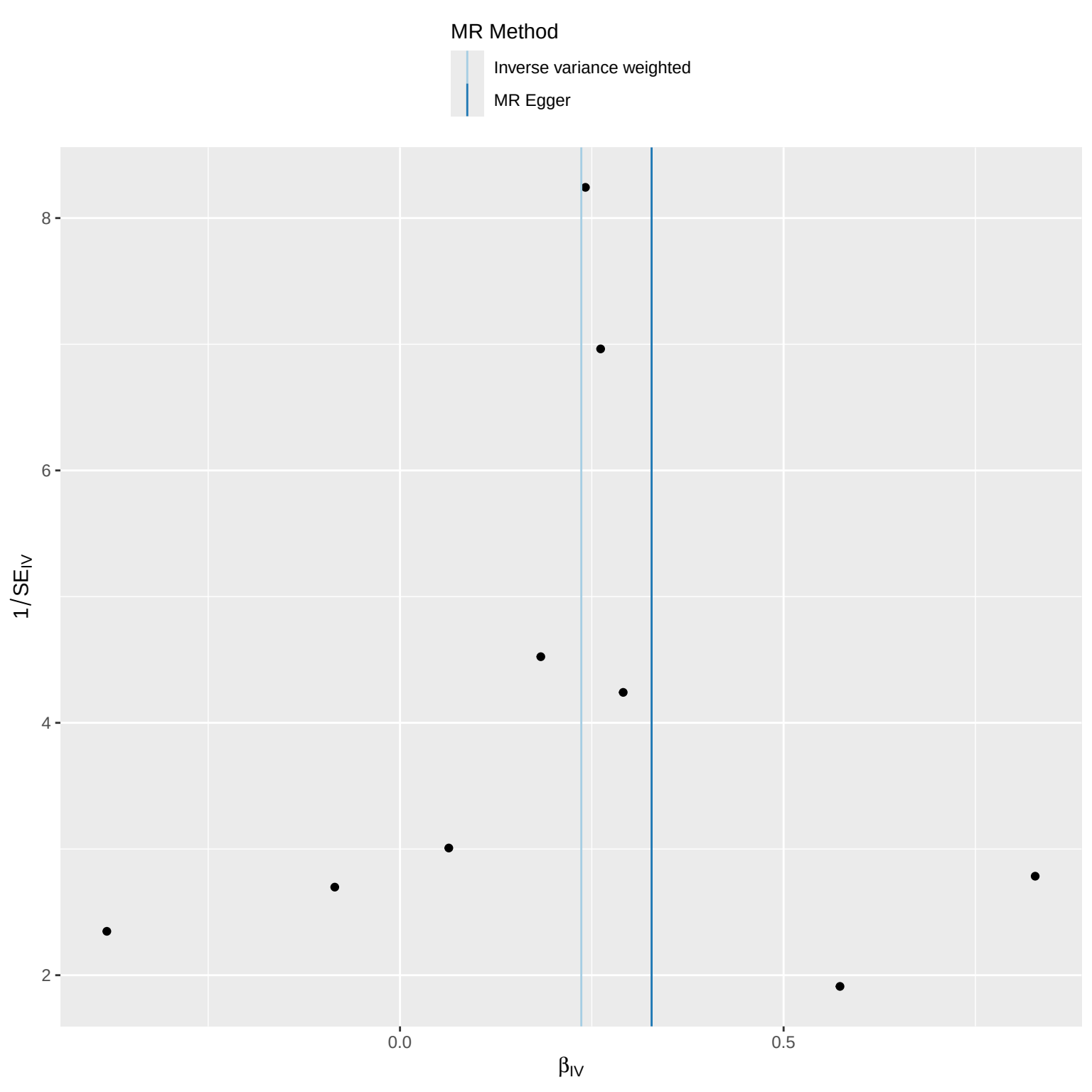

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.00
−0.75
−0.50
−0.25
β_IV

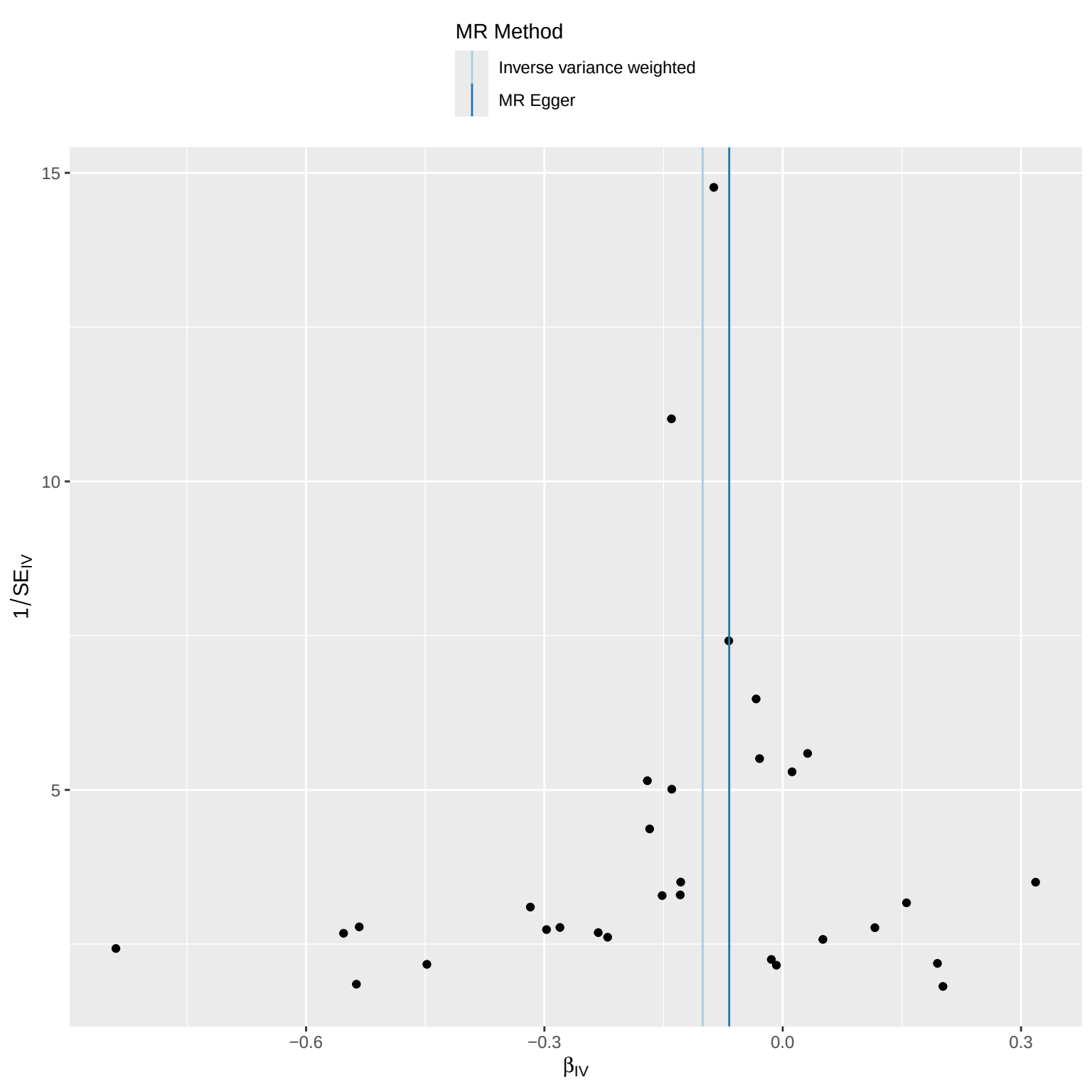

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

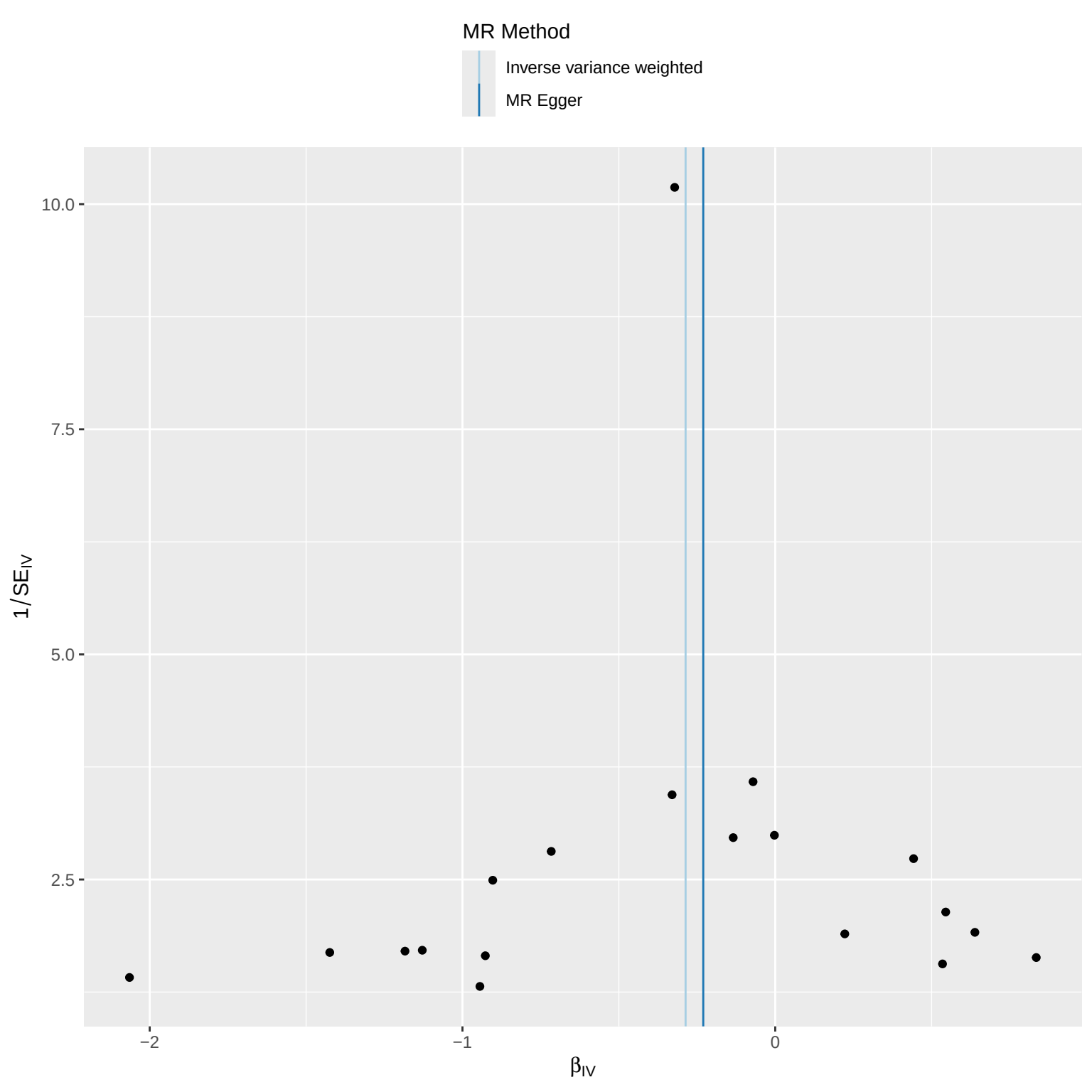

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

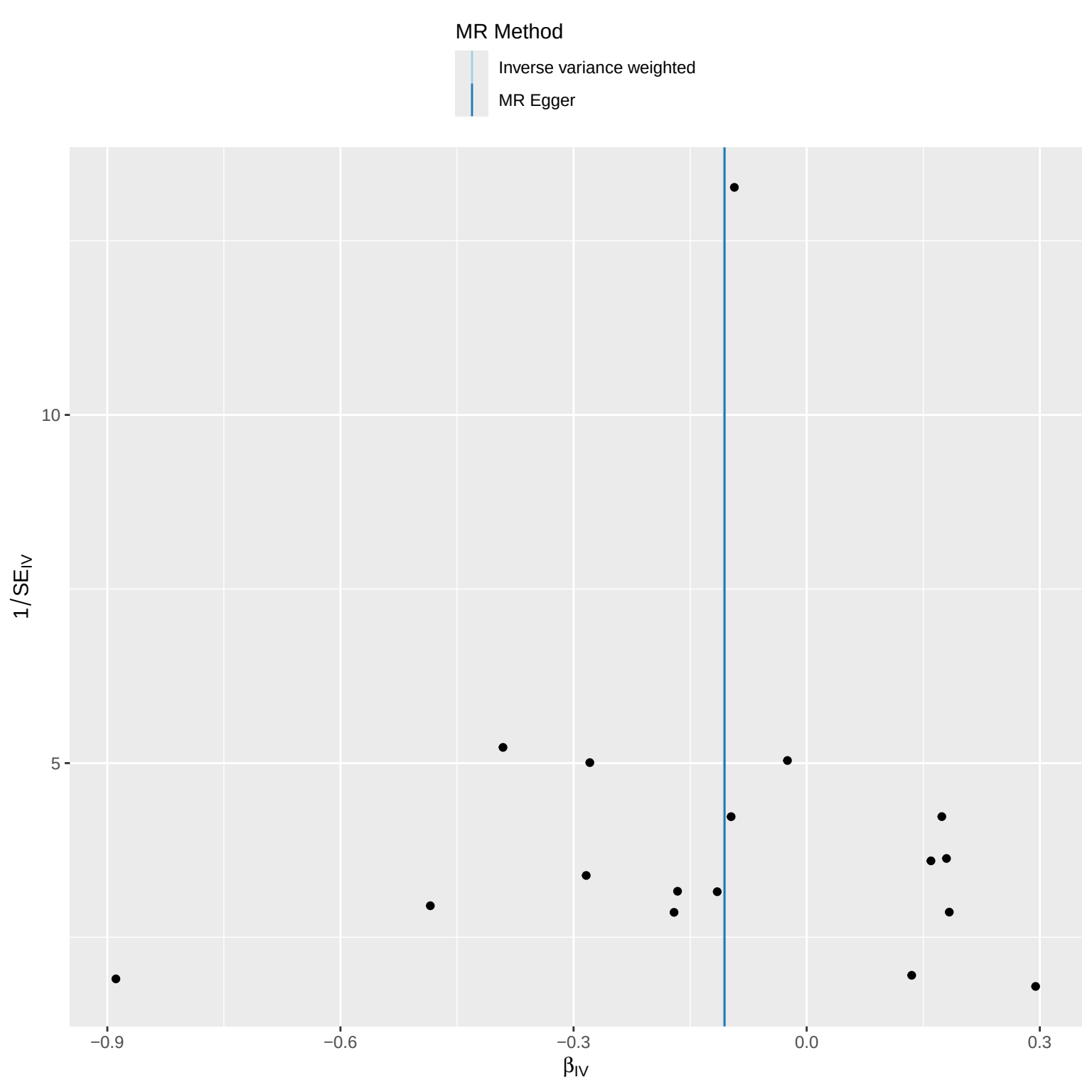

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

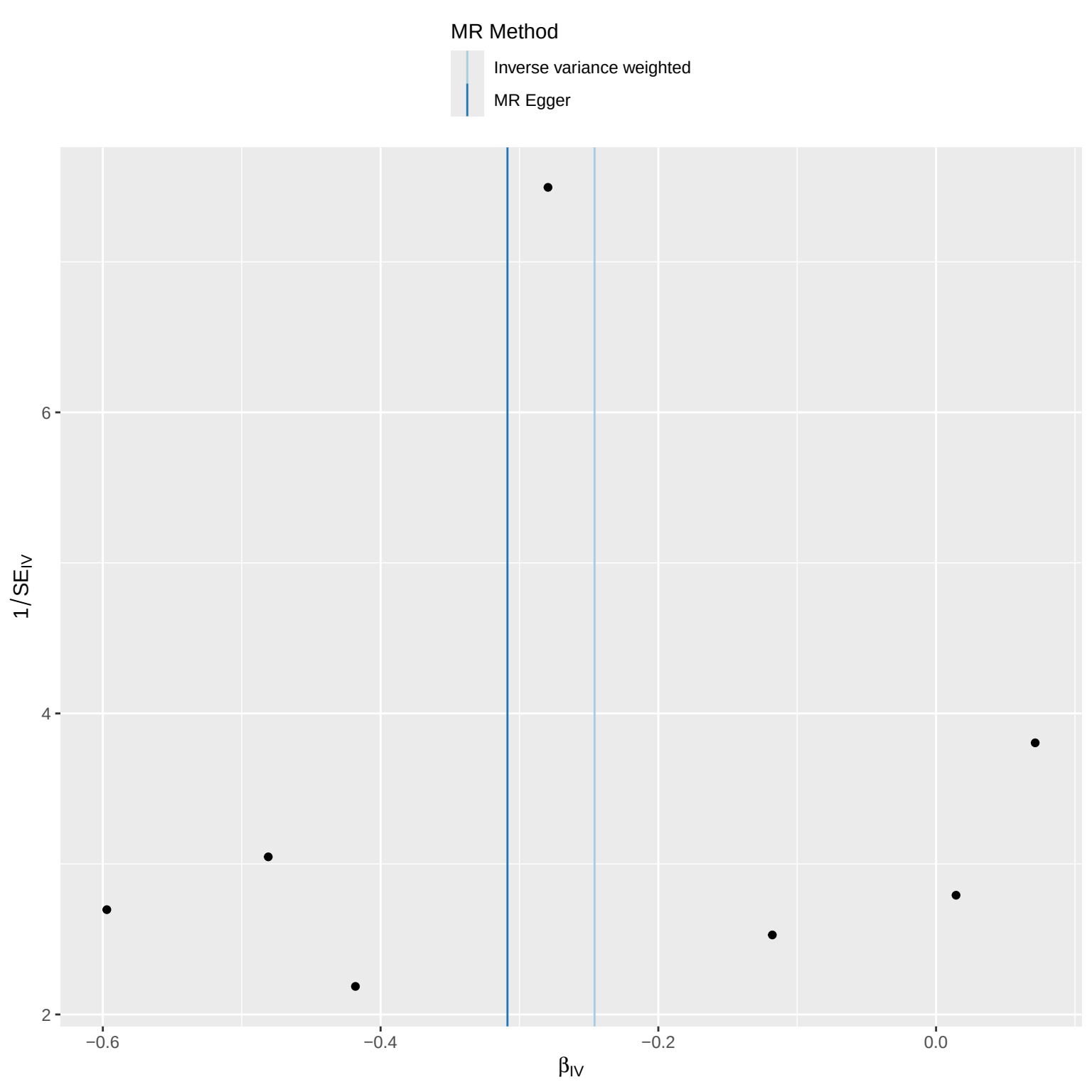

MR Method
Inverse variance weighted
MR Egger
9
7
5
3
1/SE_IV
−0.3
0.0
0.3
0.6
β_IV

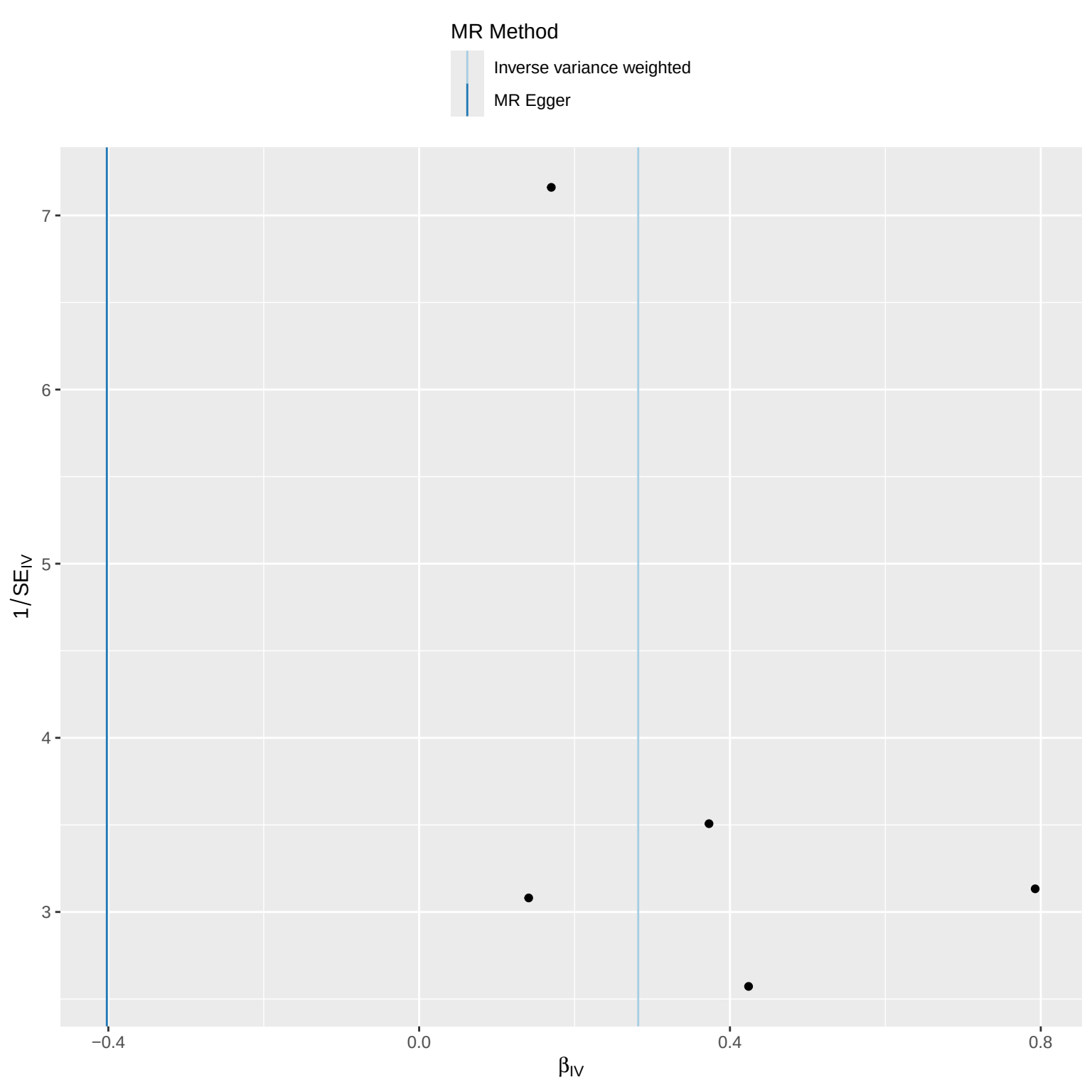

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.0
0.5
β_IV

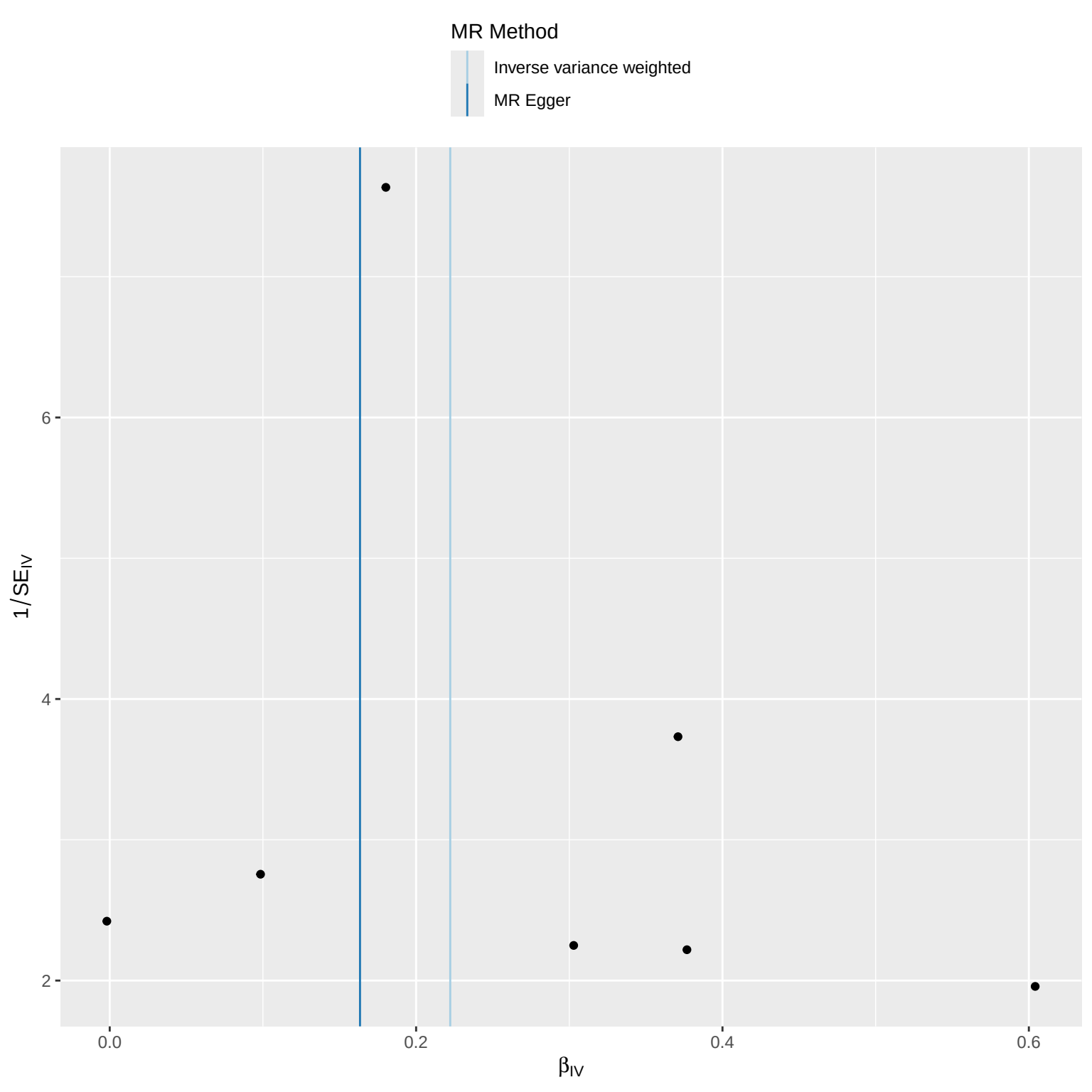

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

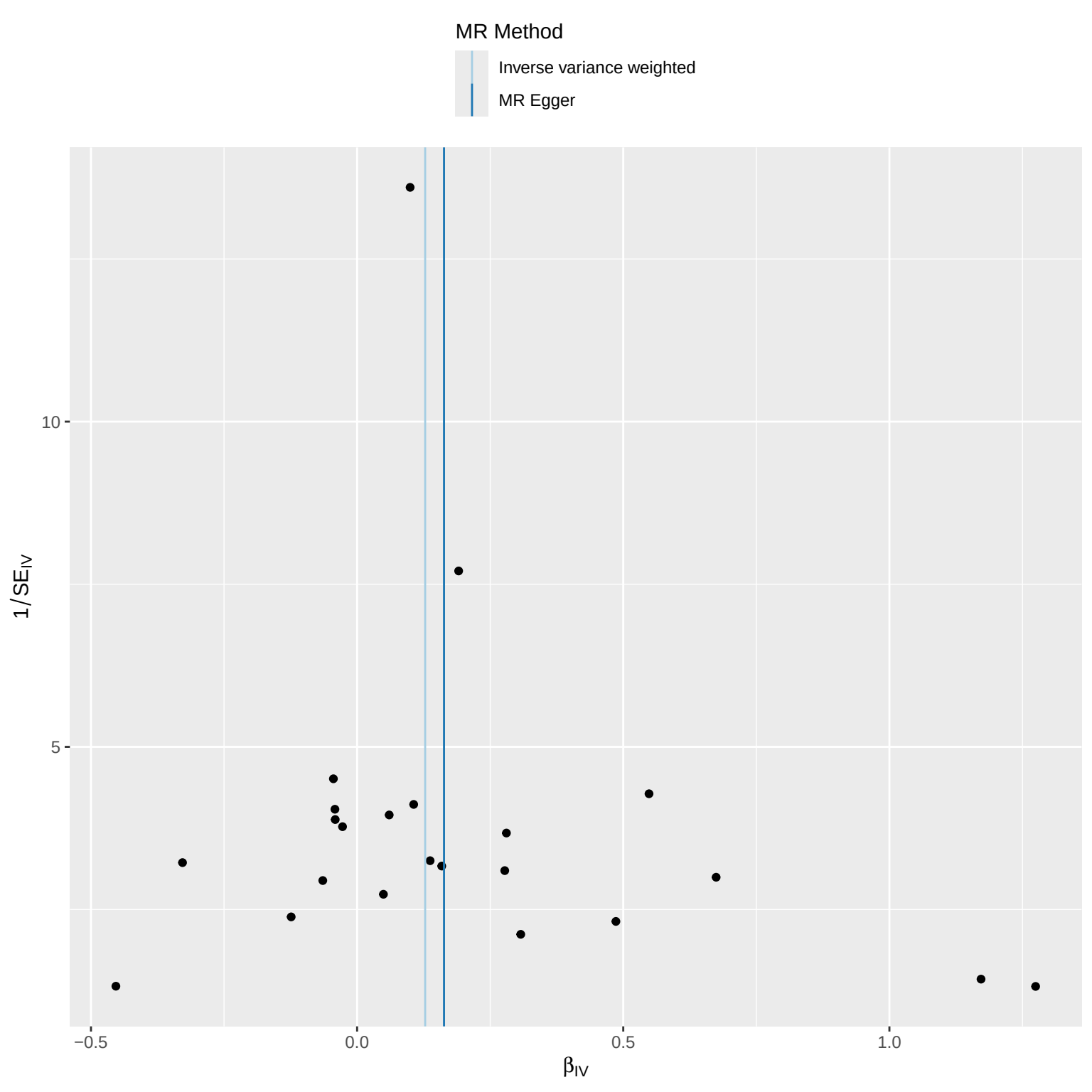

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
β_IV

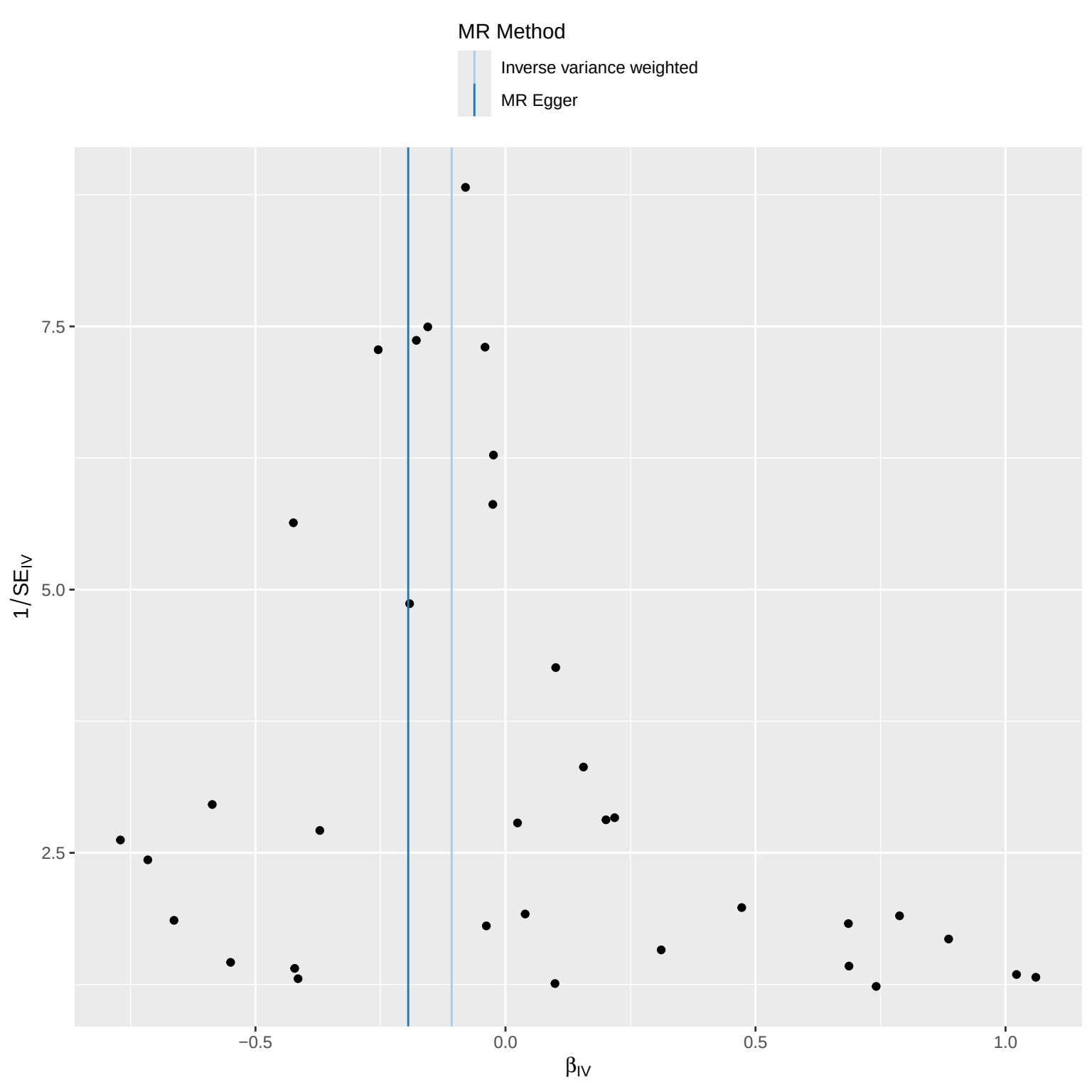

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.9
−0.6
−0.3
0.0
0.3
β_IV

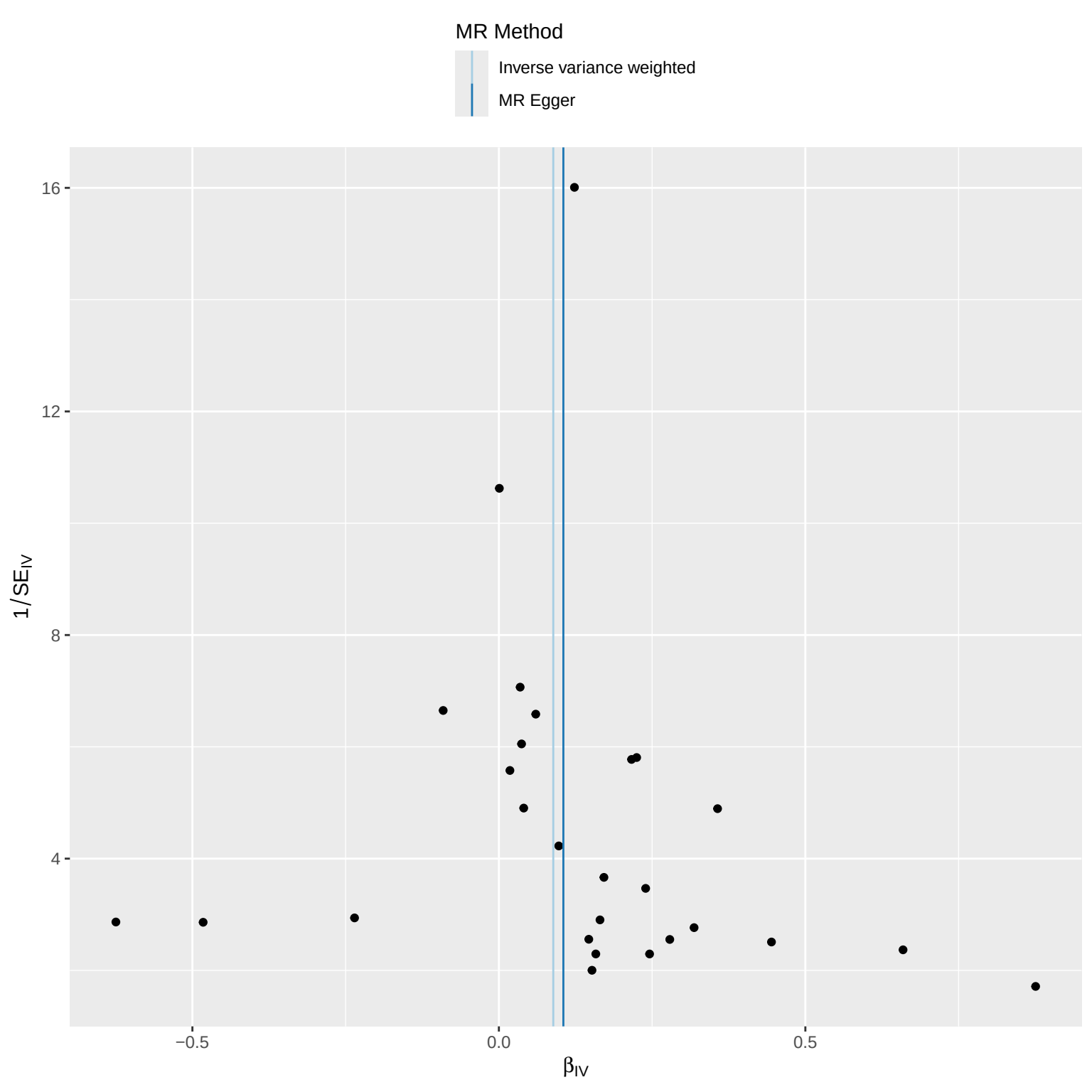

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

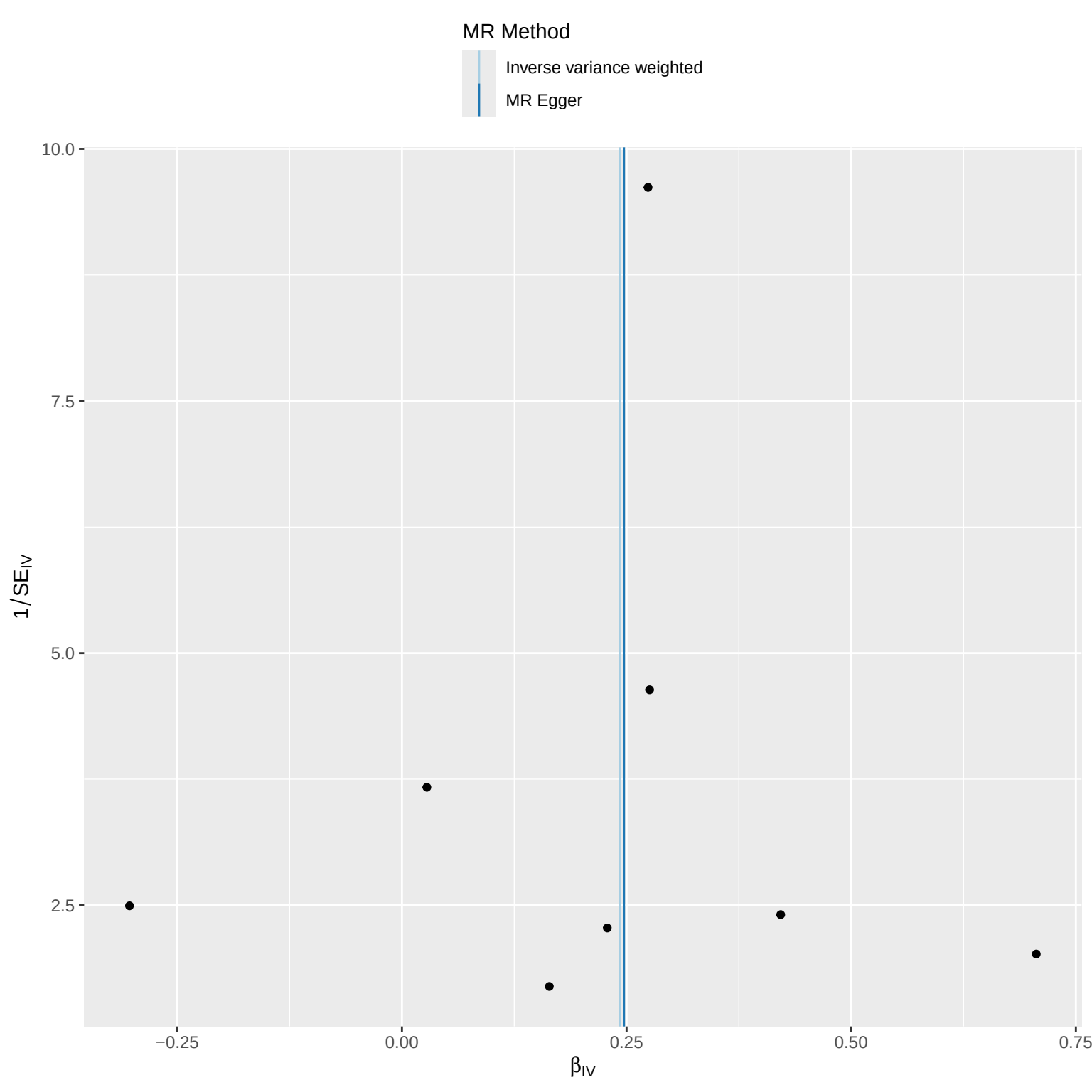

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

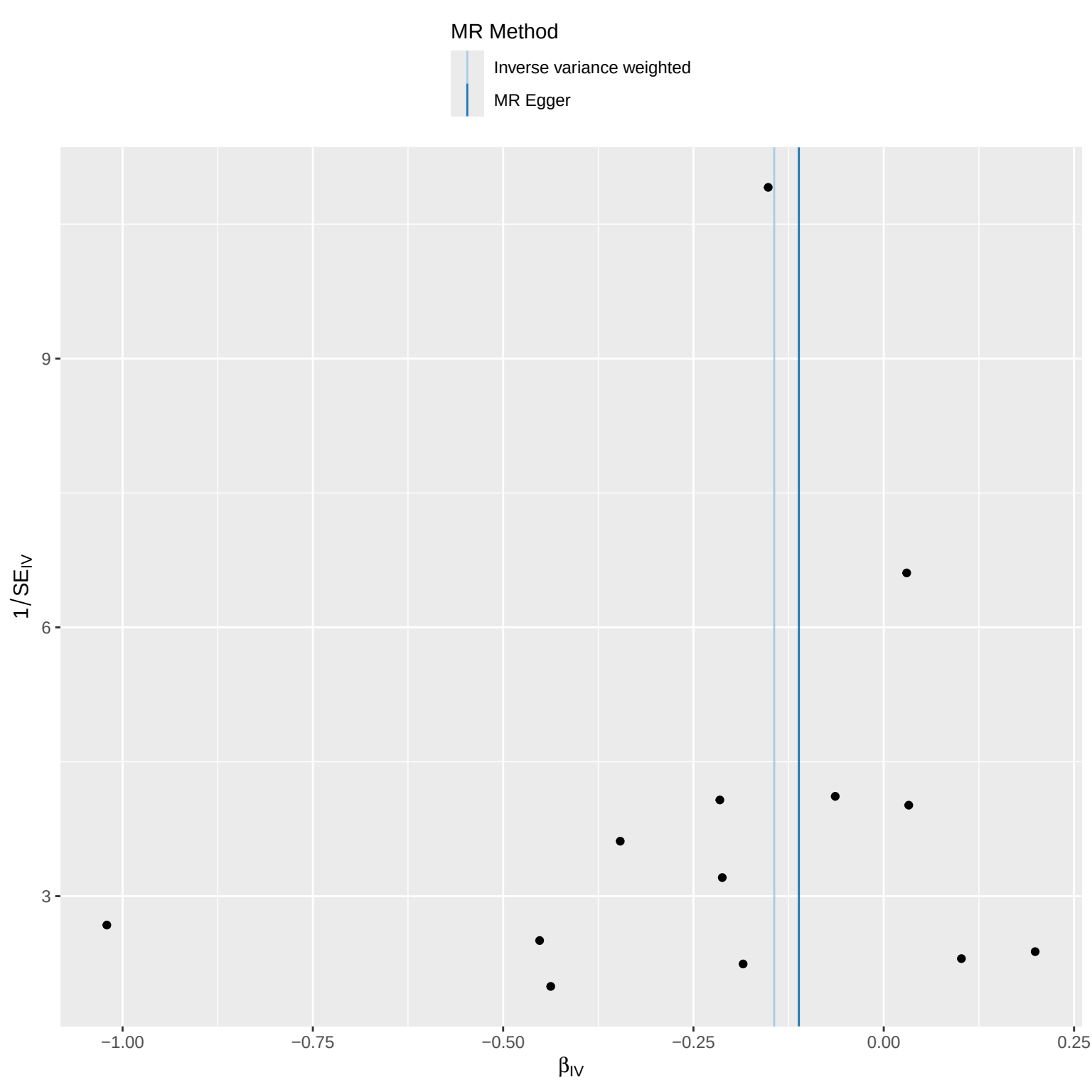

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

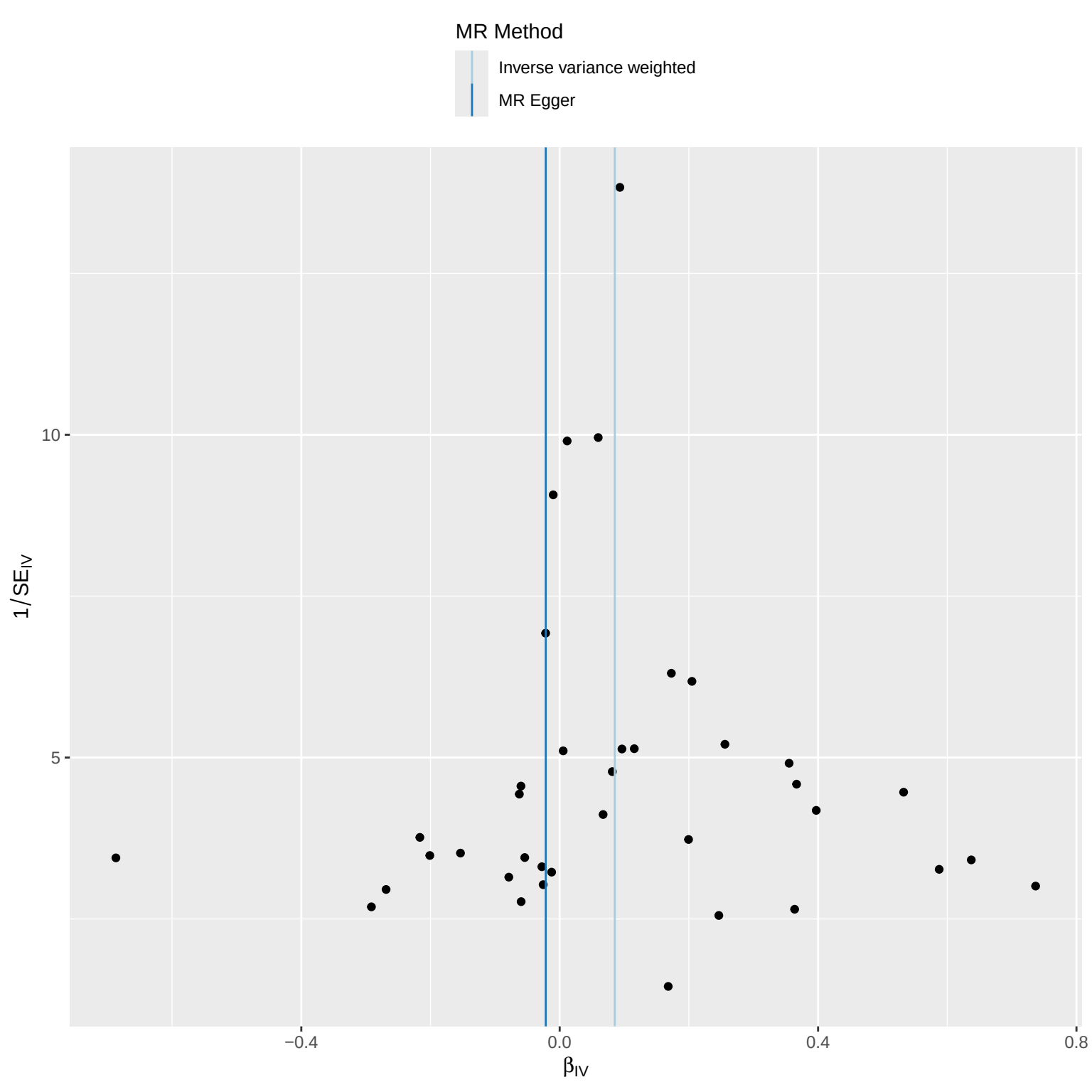

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

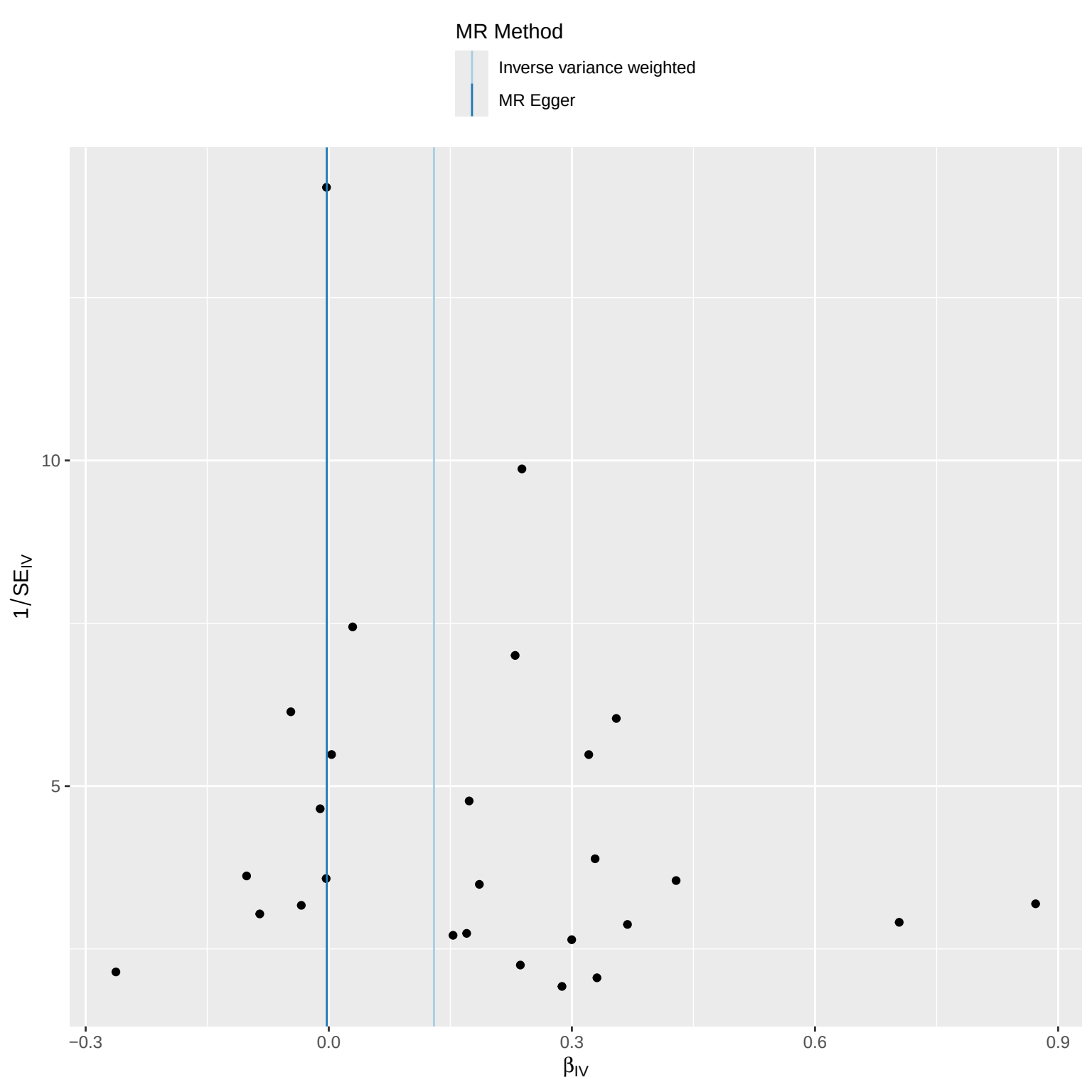

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

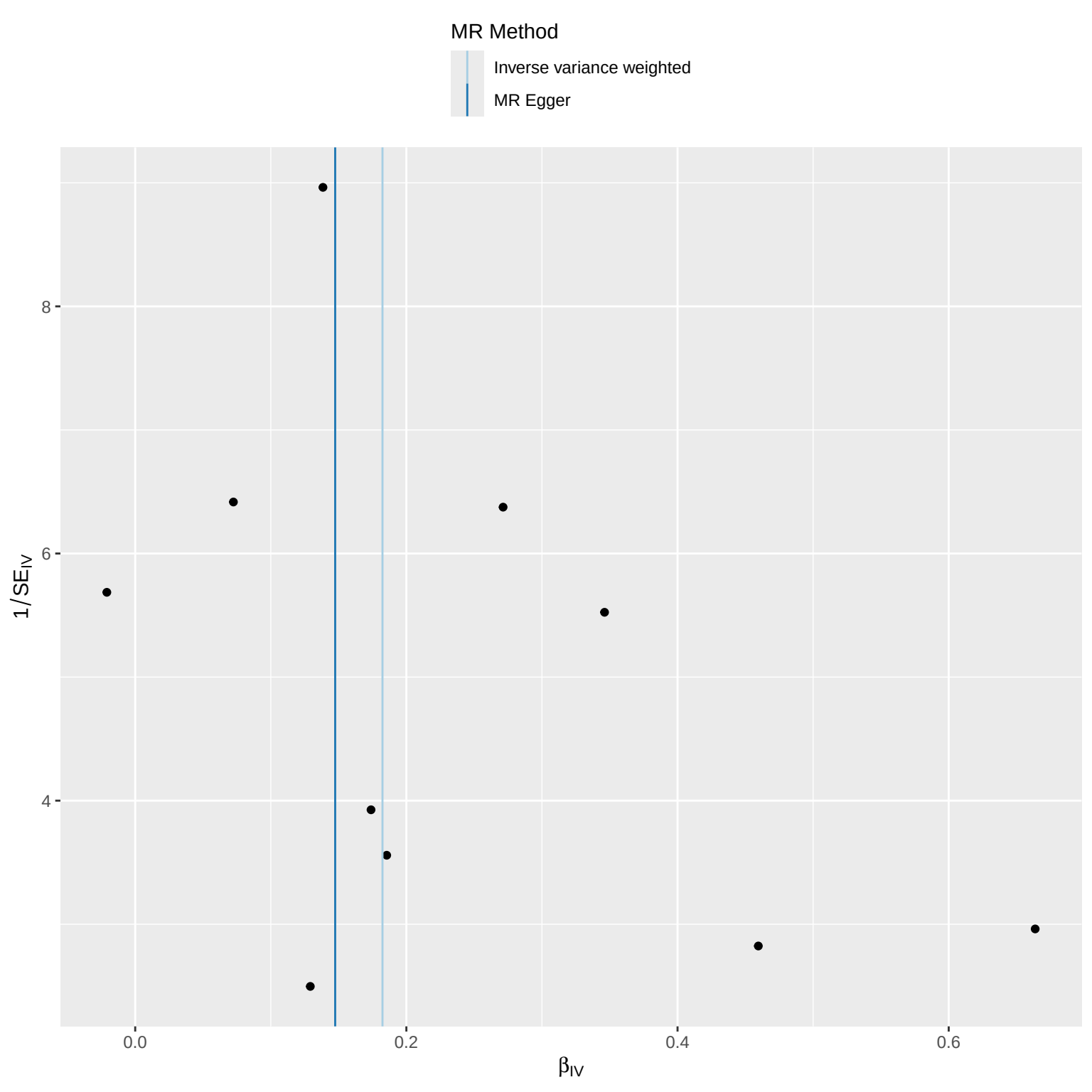

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.5
0.0
0.5
β_IV

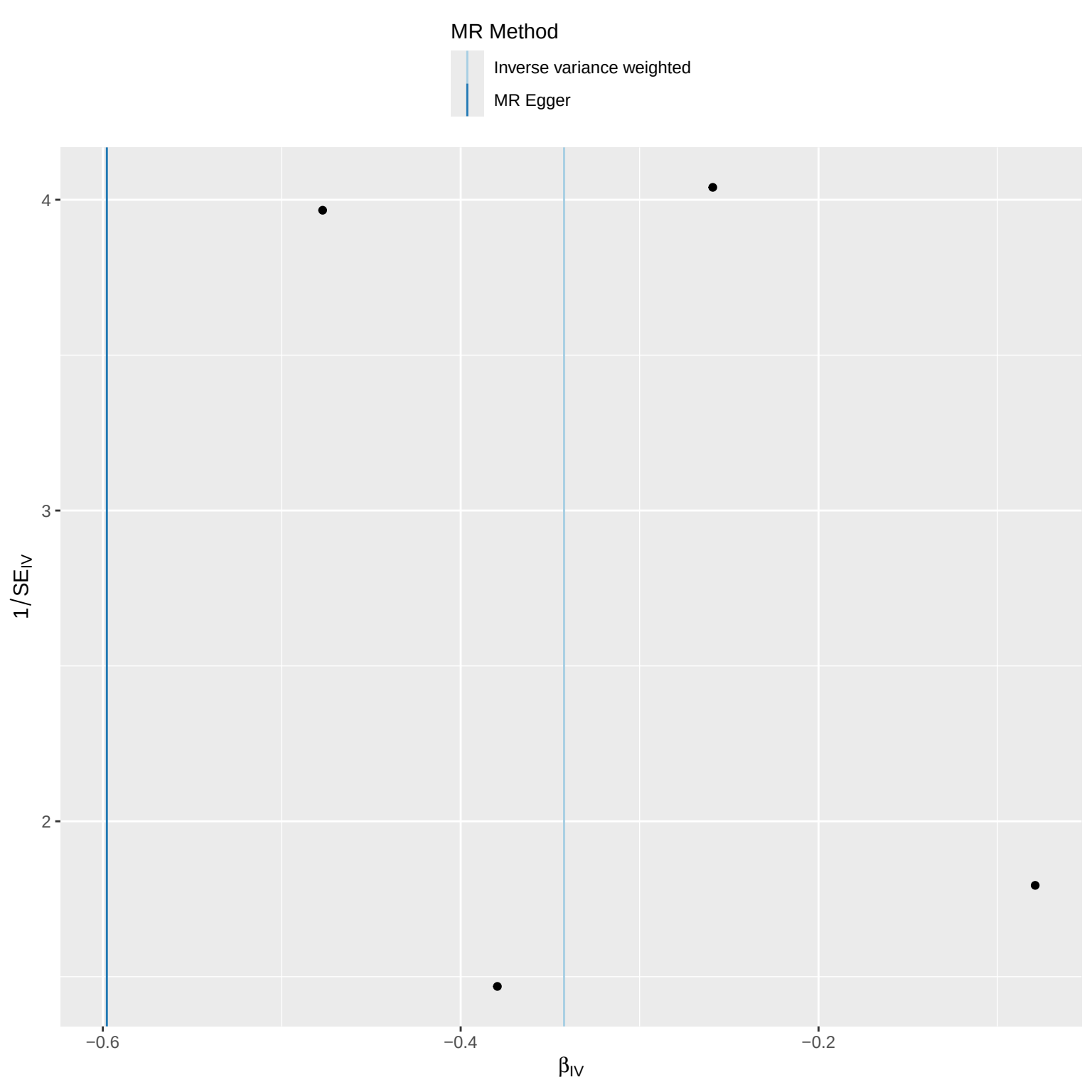

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.25
0.00
0.25
0.50
0.75
β_IV

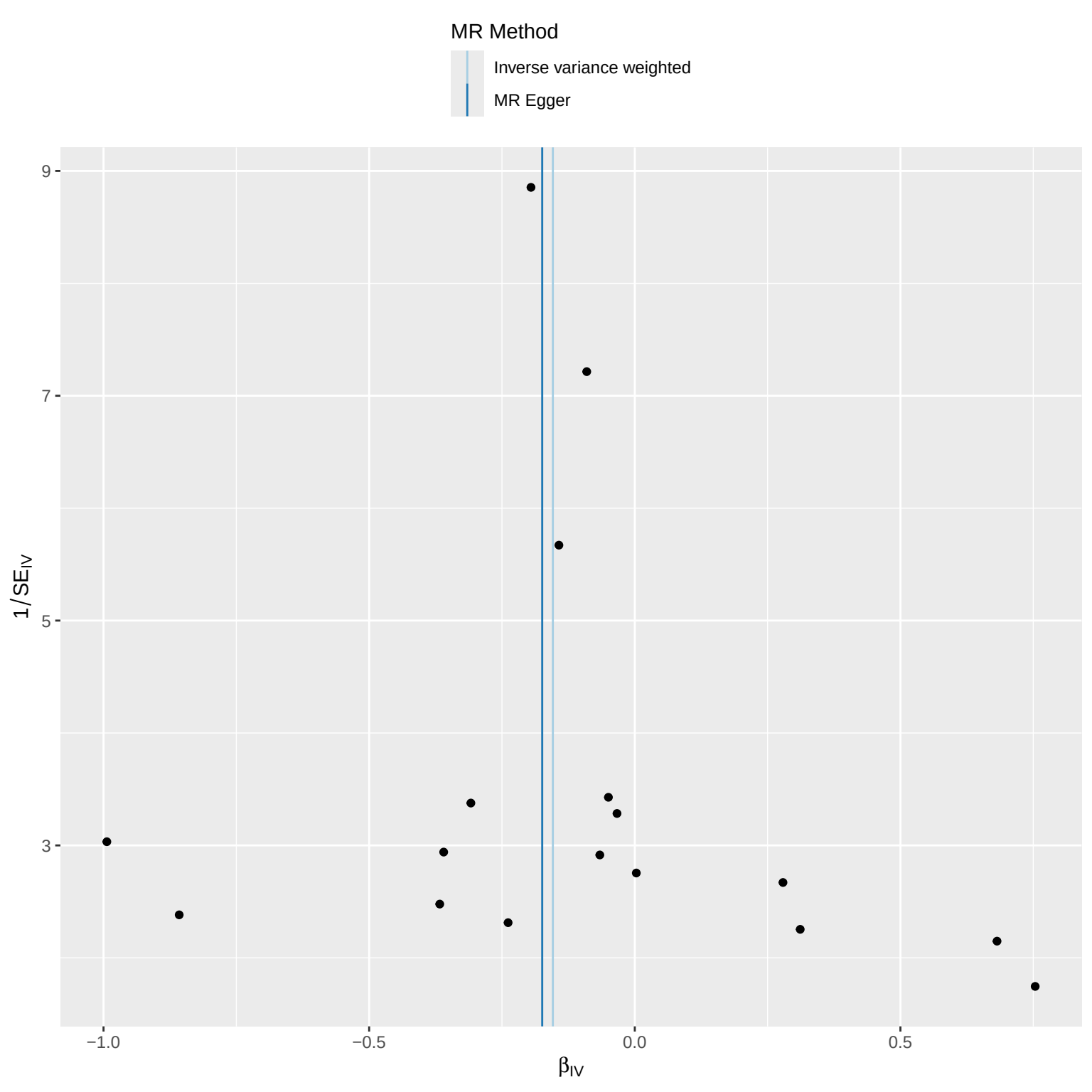

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
0.25
β_IV

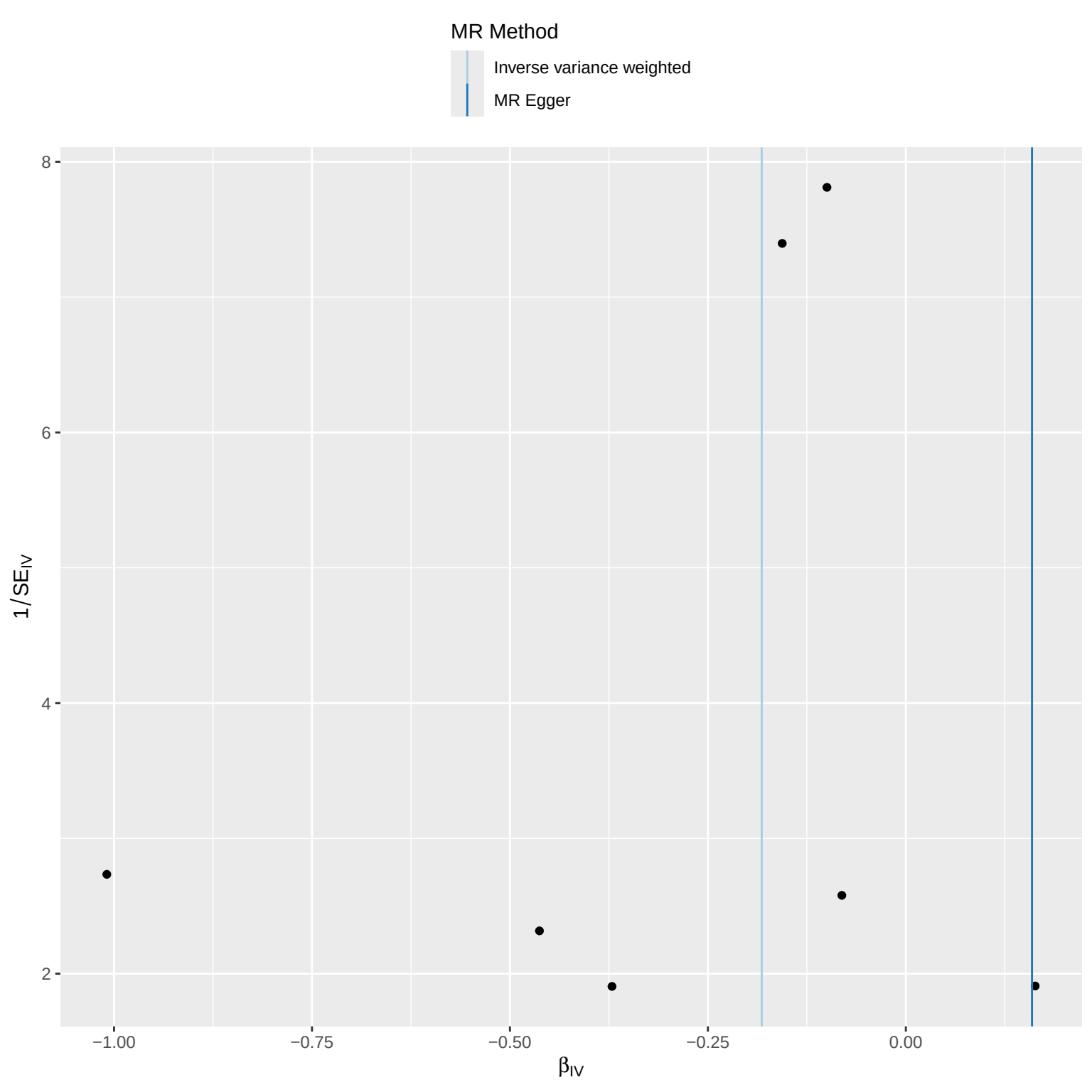

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

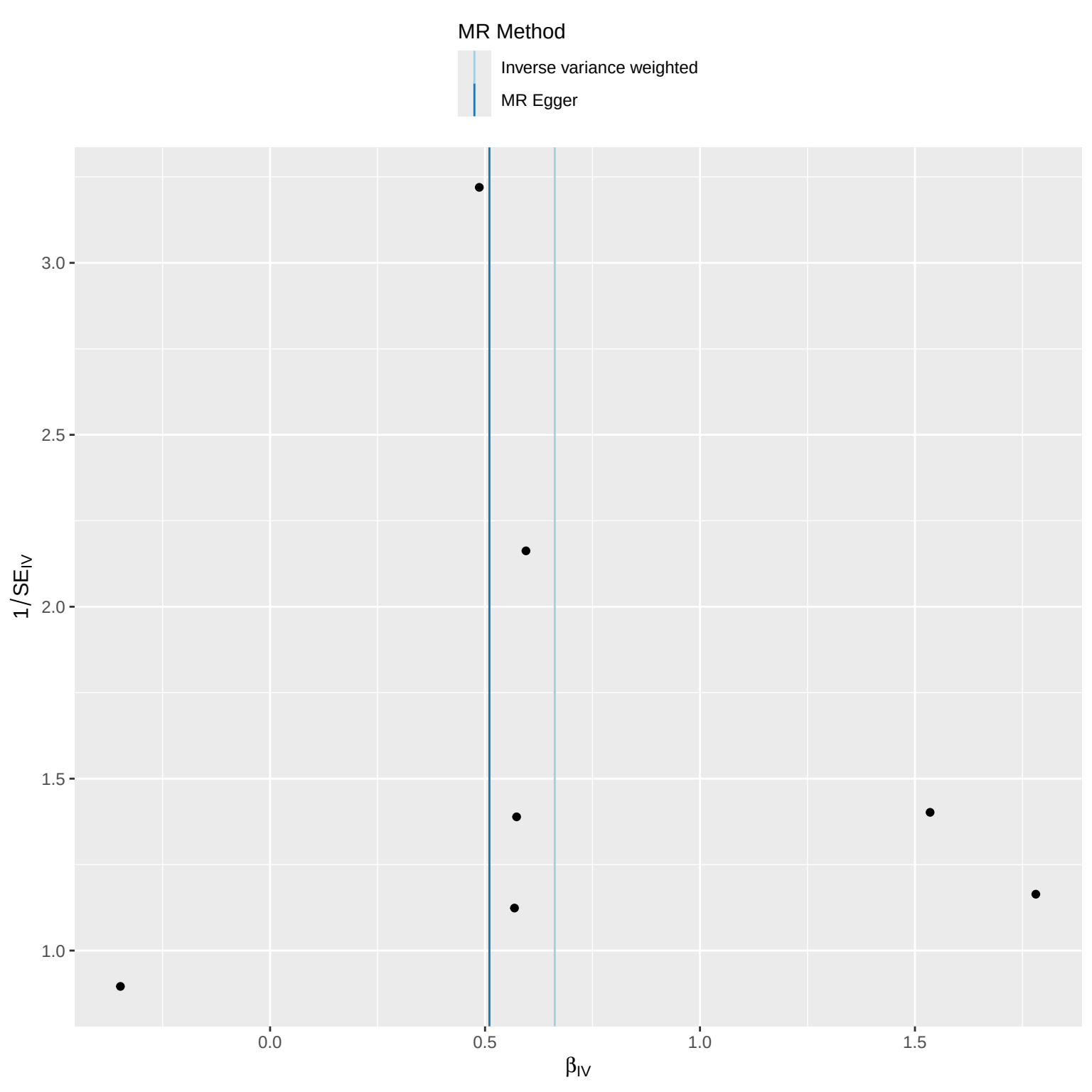

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.3
0.0
0.3
0.6
0.9
β_IV

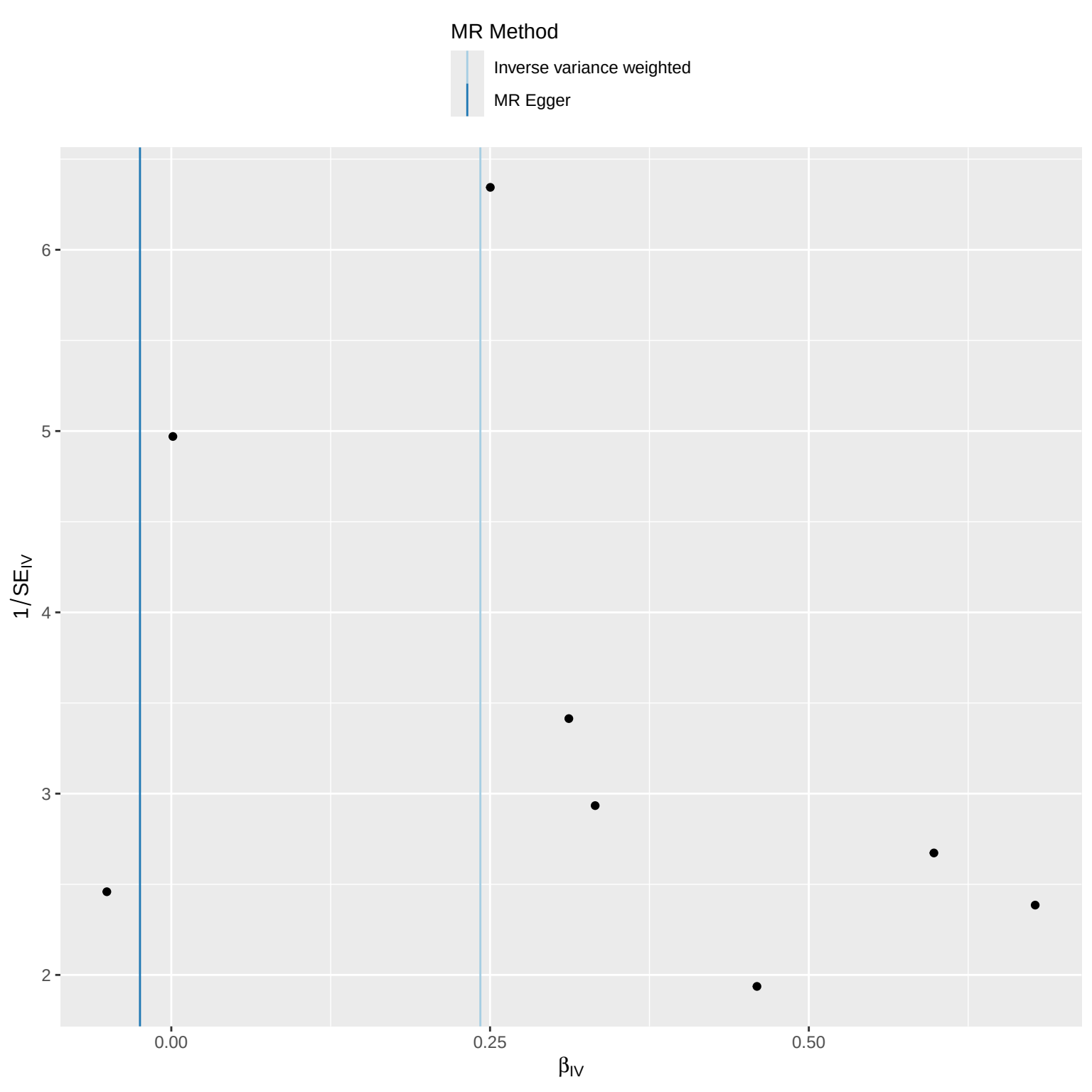

MR Method
Inverse variance weighted
MR Egger
8
6
4
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

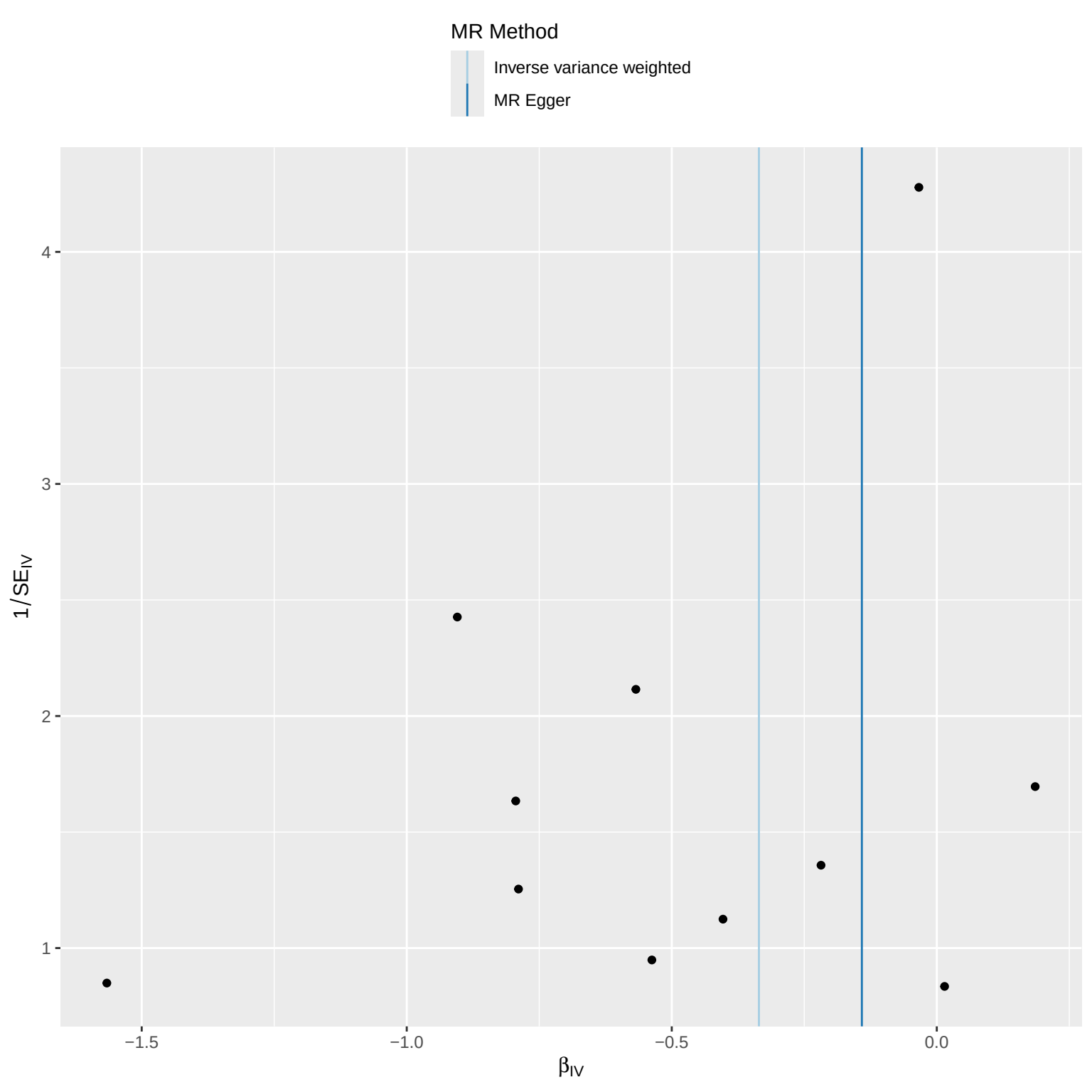

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.6
−0.4
−0.2
β_IV

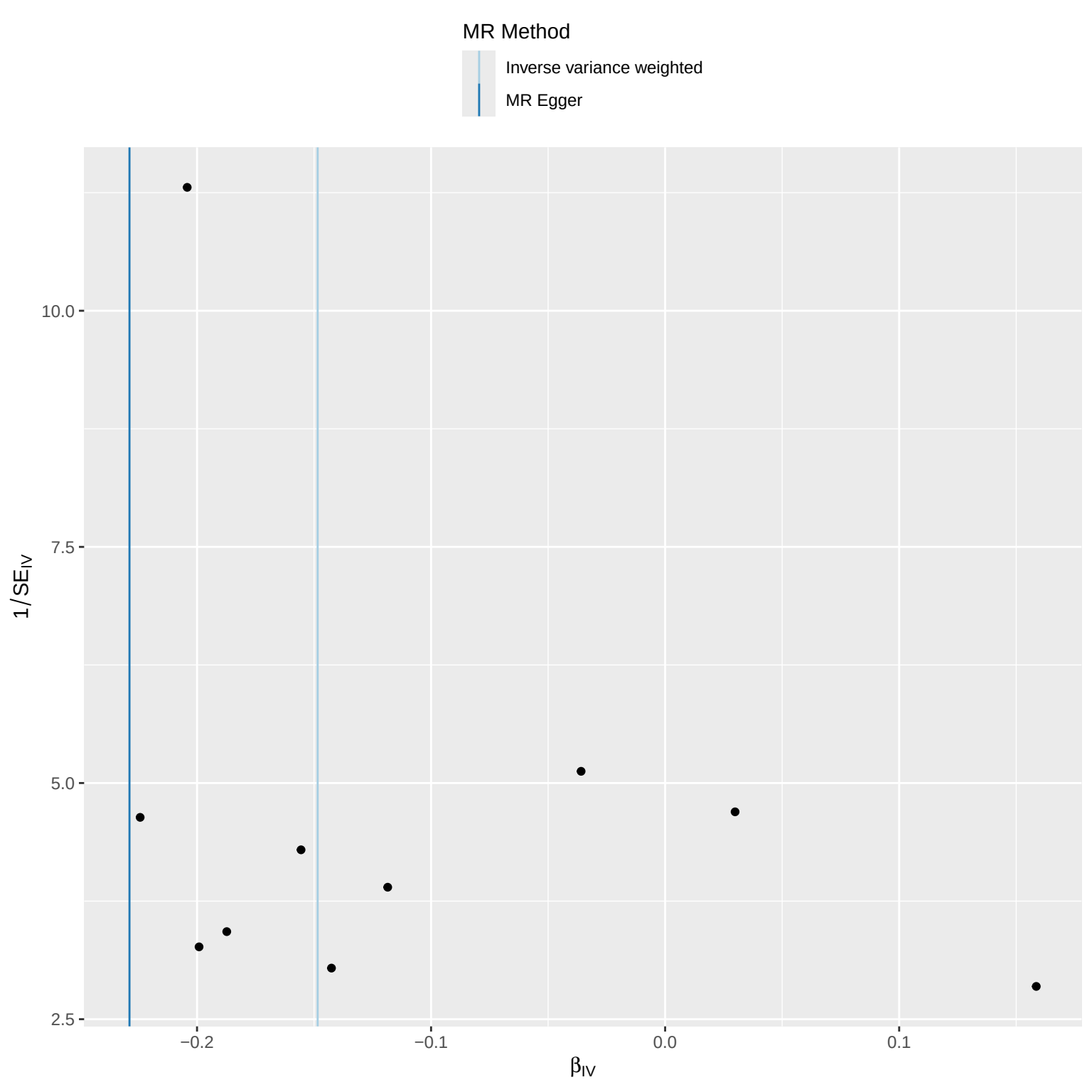

MR Method
Inverse variance weighted
MR Egger
9
7
5
3
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

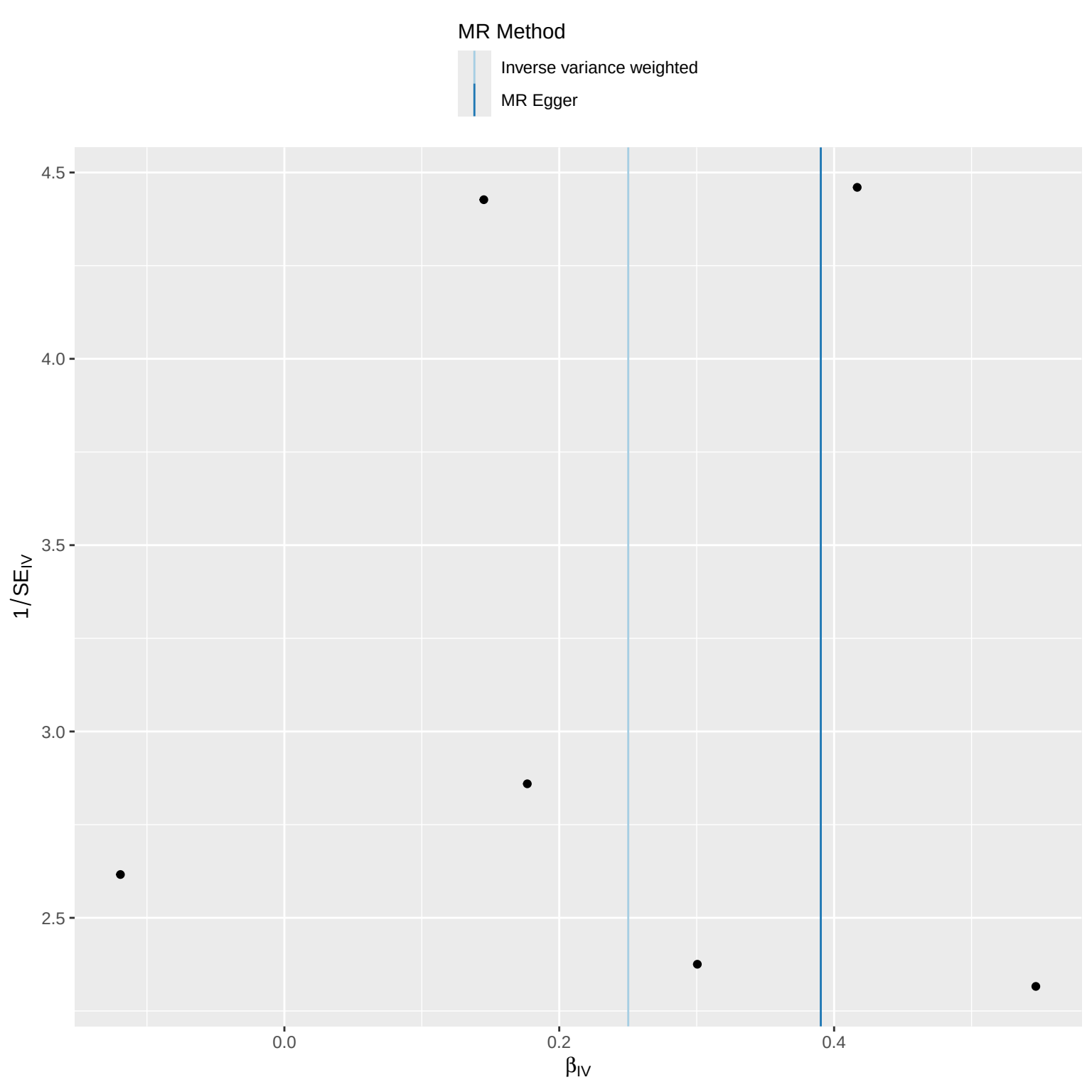

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
β_IV

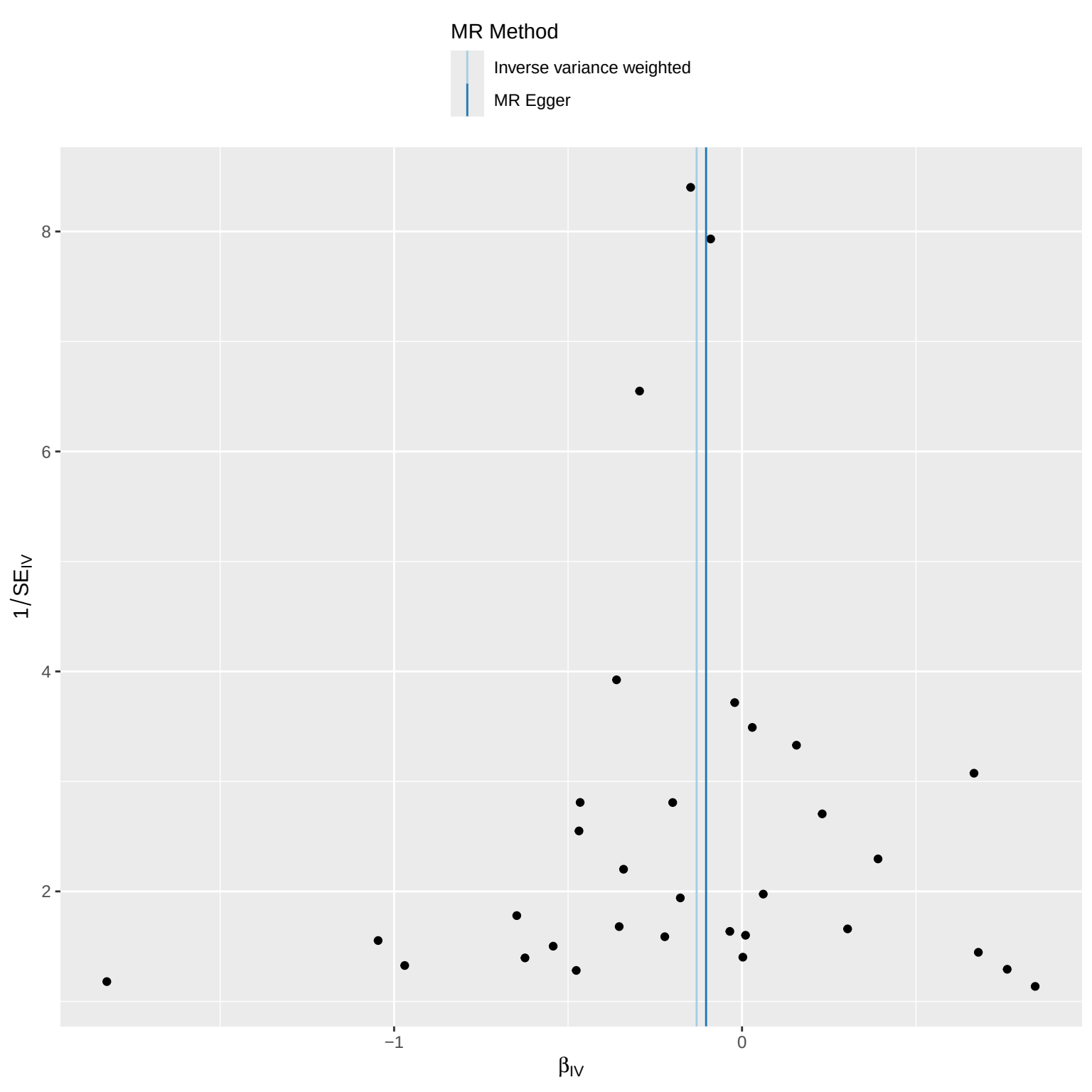

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

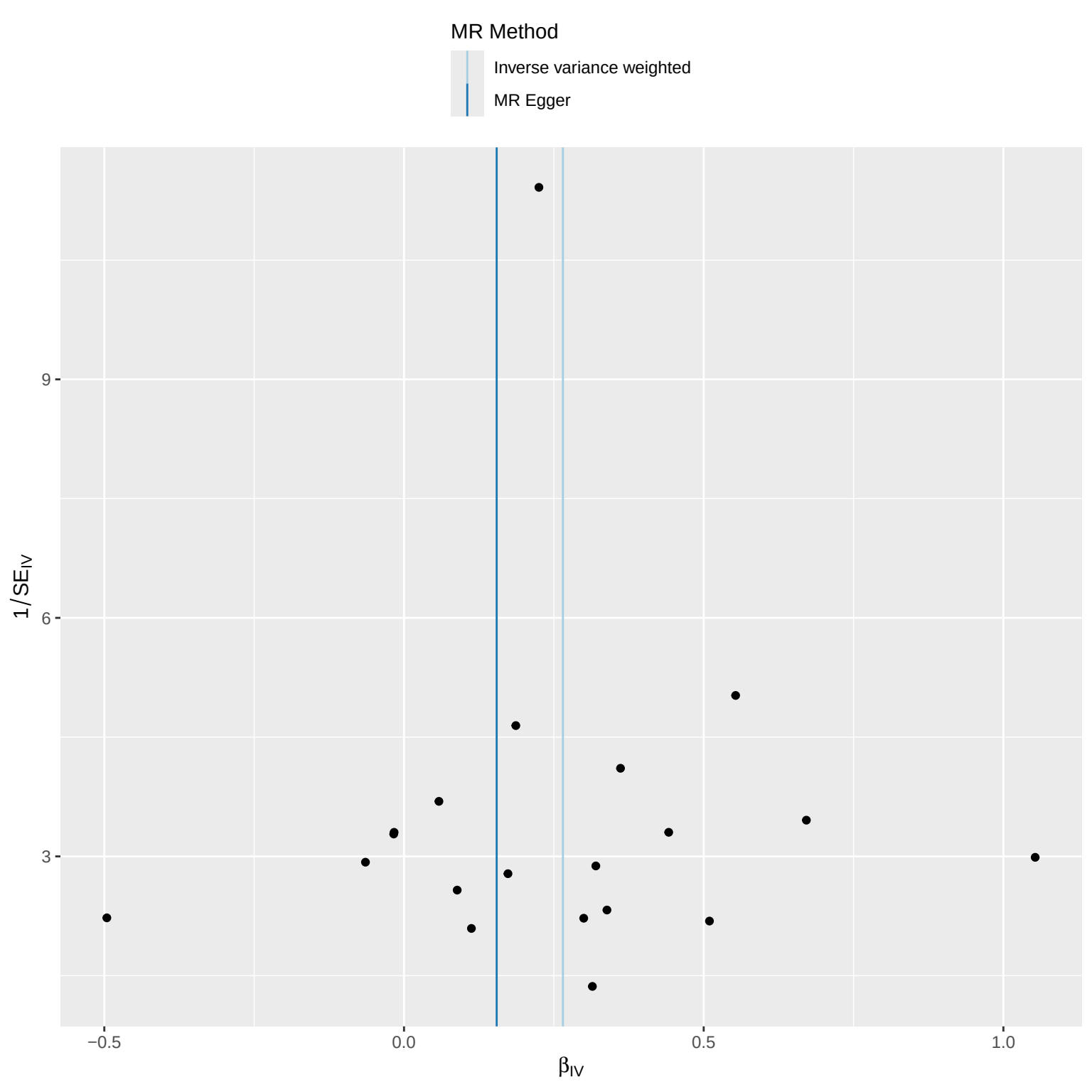

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
0.00
0.25
0.50
β_IV

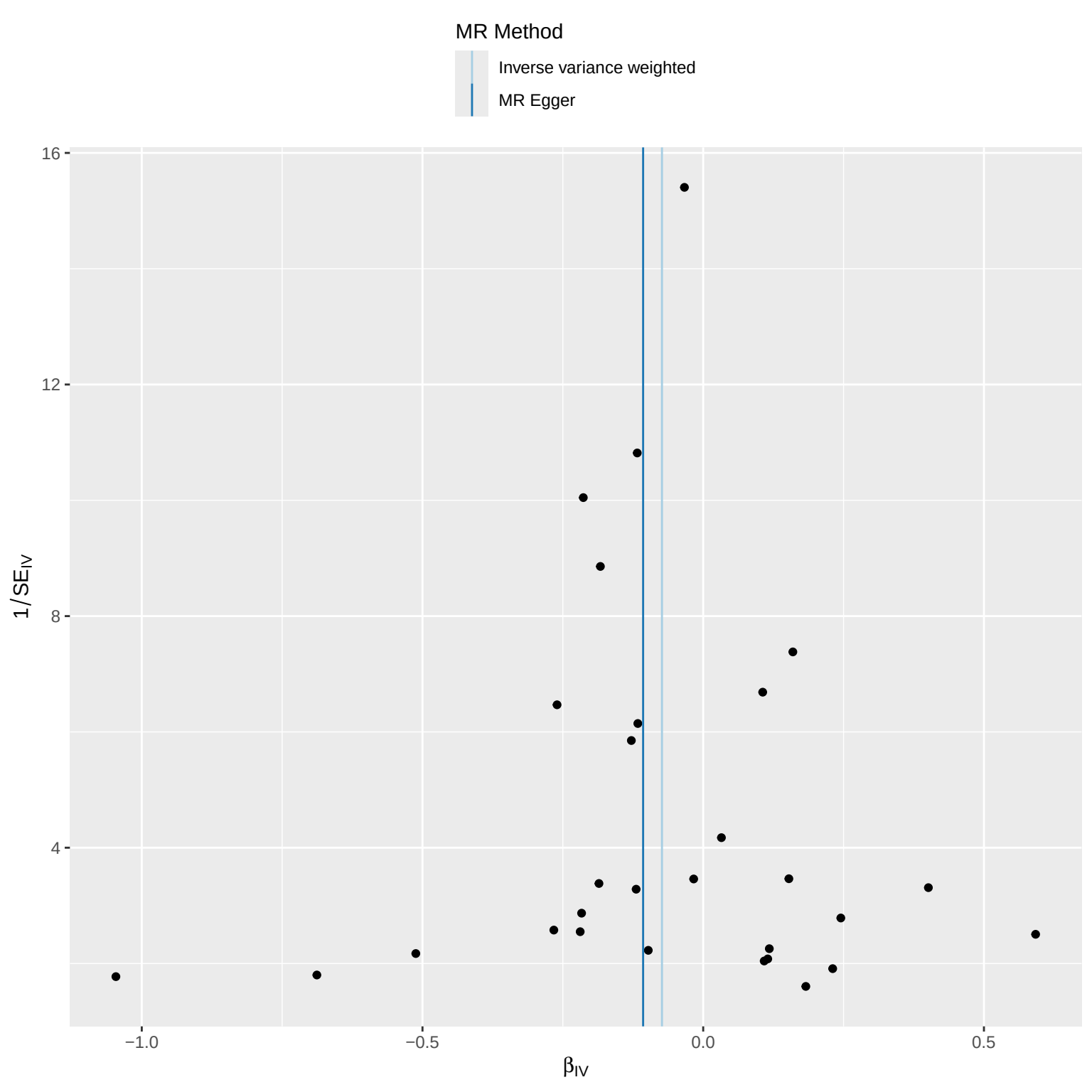

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

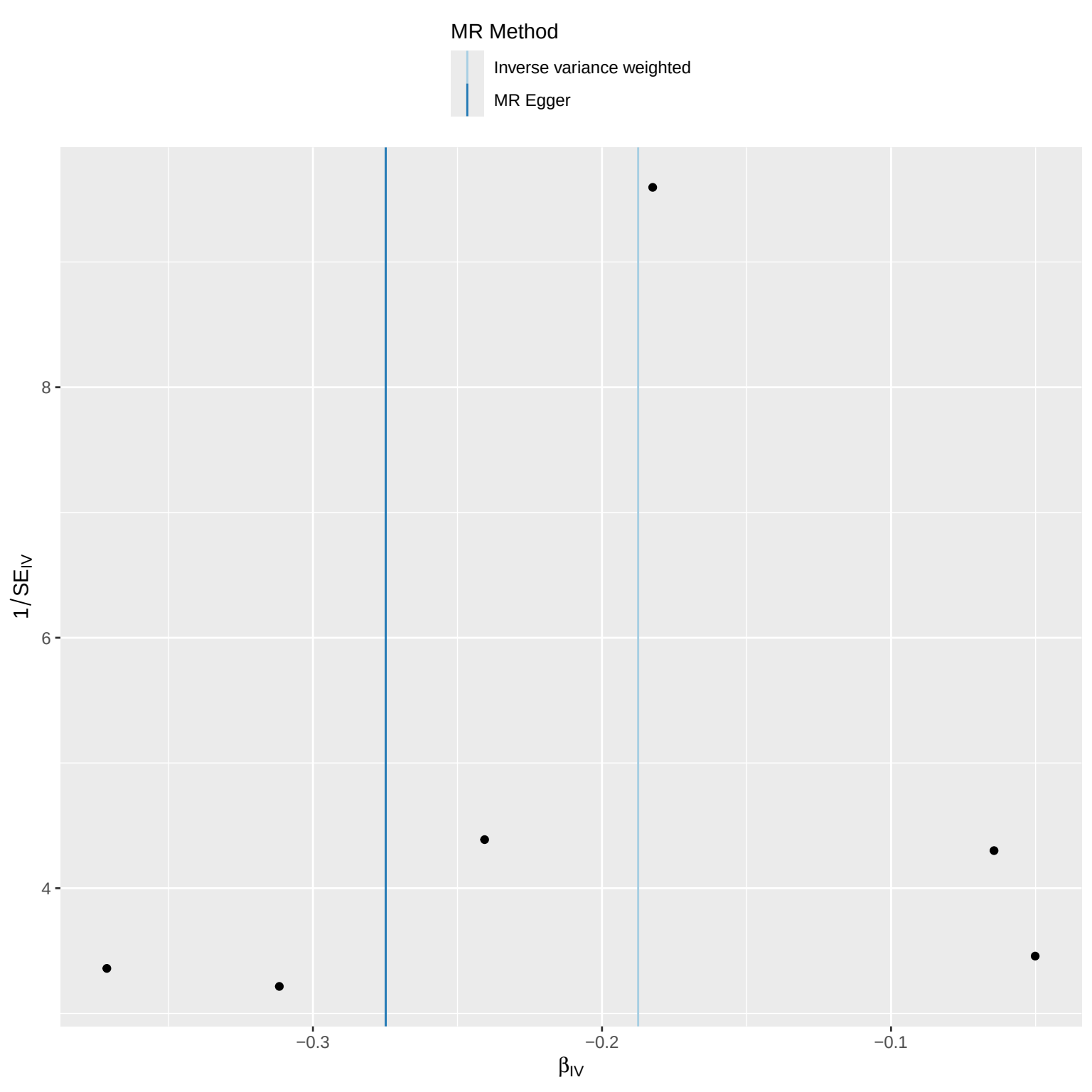

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.2
−0.1
0.0
0.1
β_IV

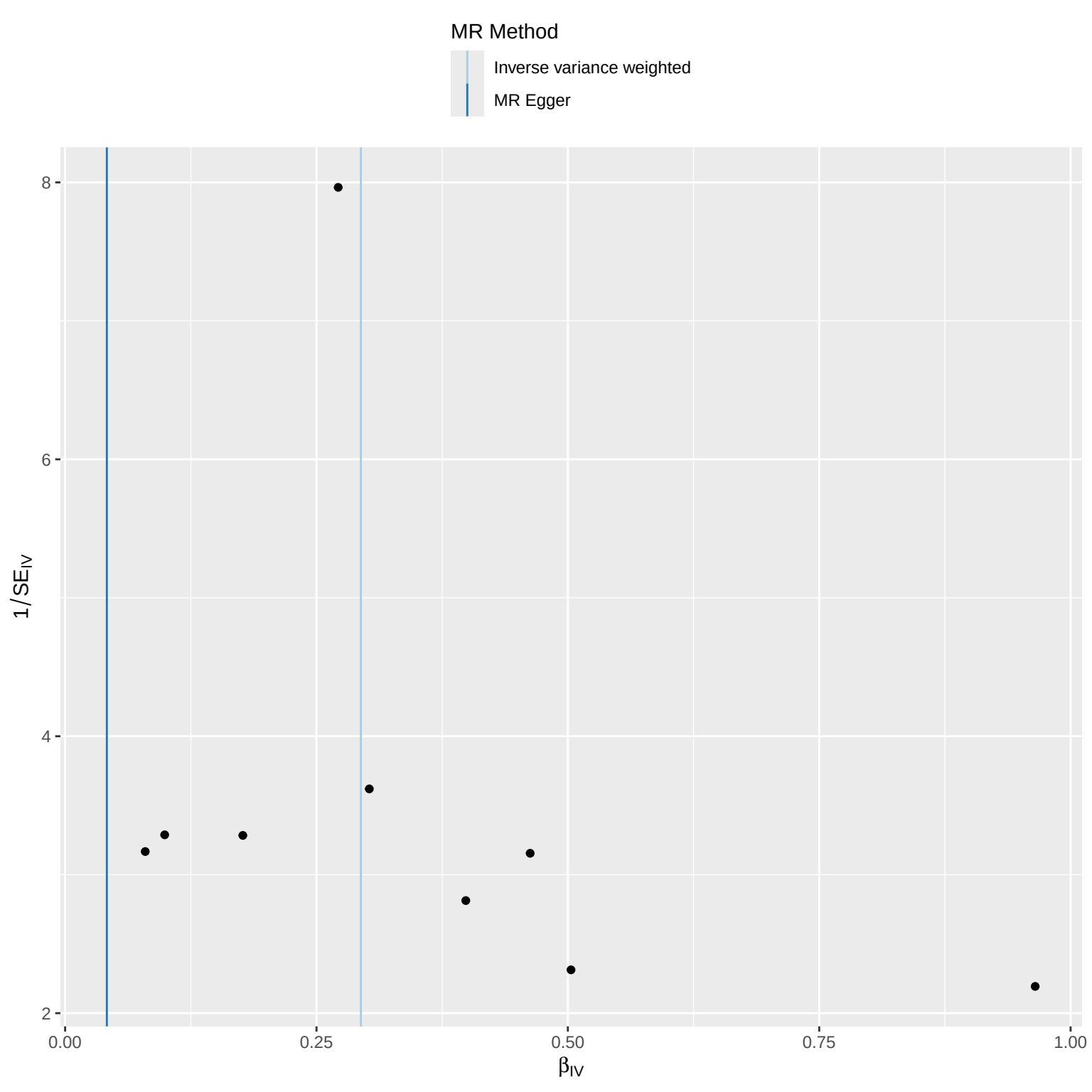

MR Method
Inverse variance weighted
MR Egger
4.5
4.0
3.5
3.0
2.5
1/SE_IV
0.0
0.2
0.4
β_IV

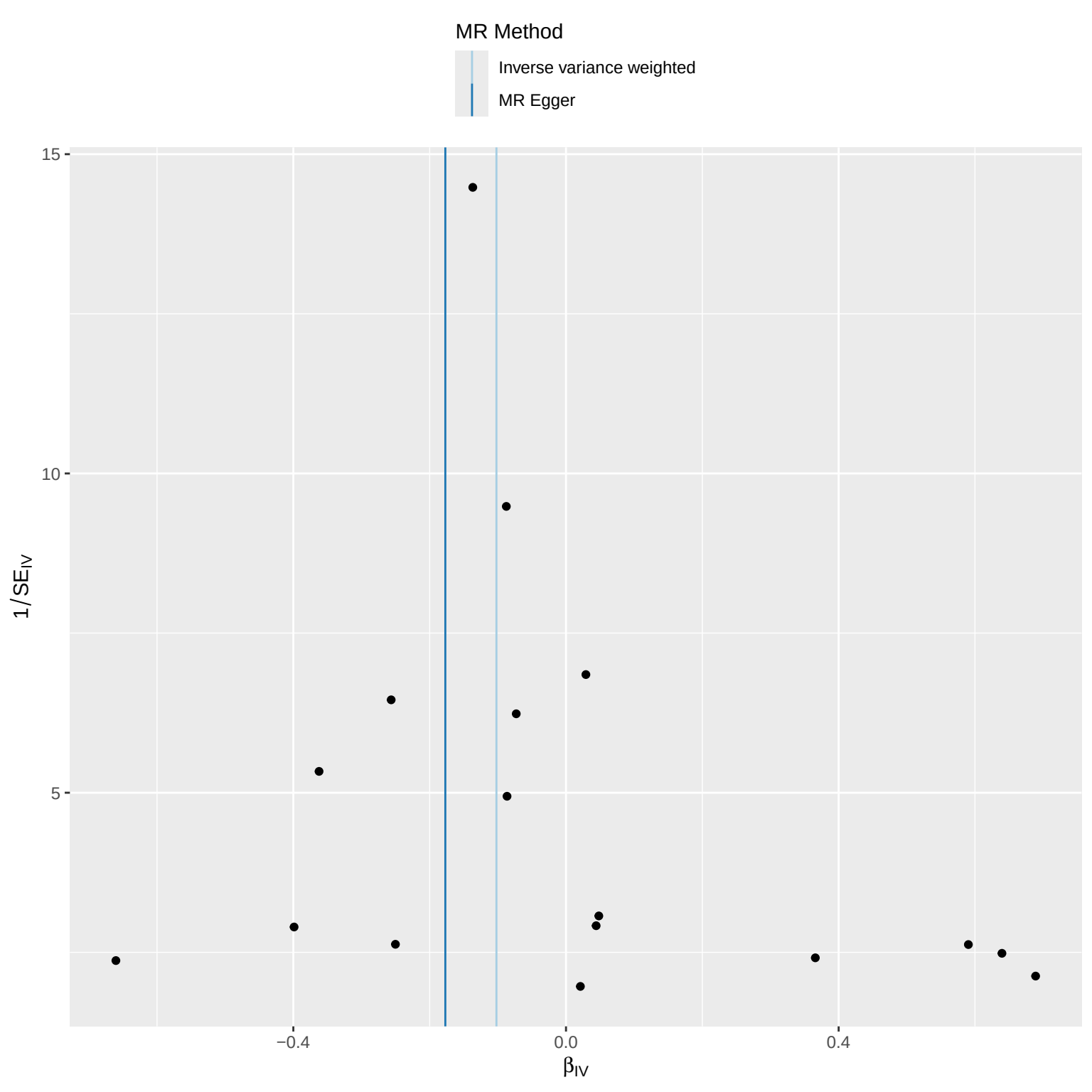

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
β_IV

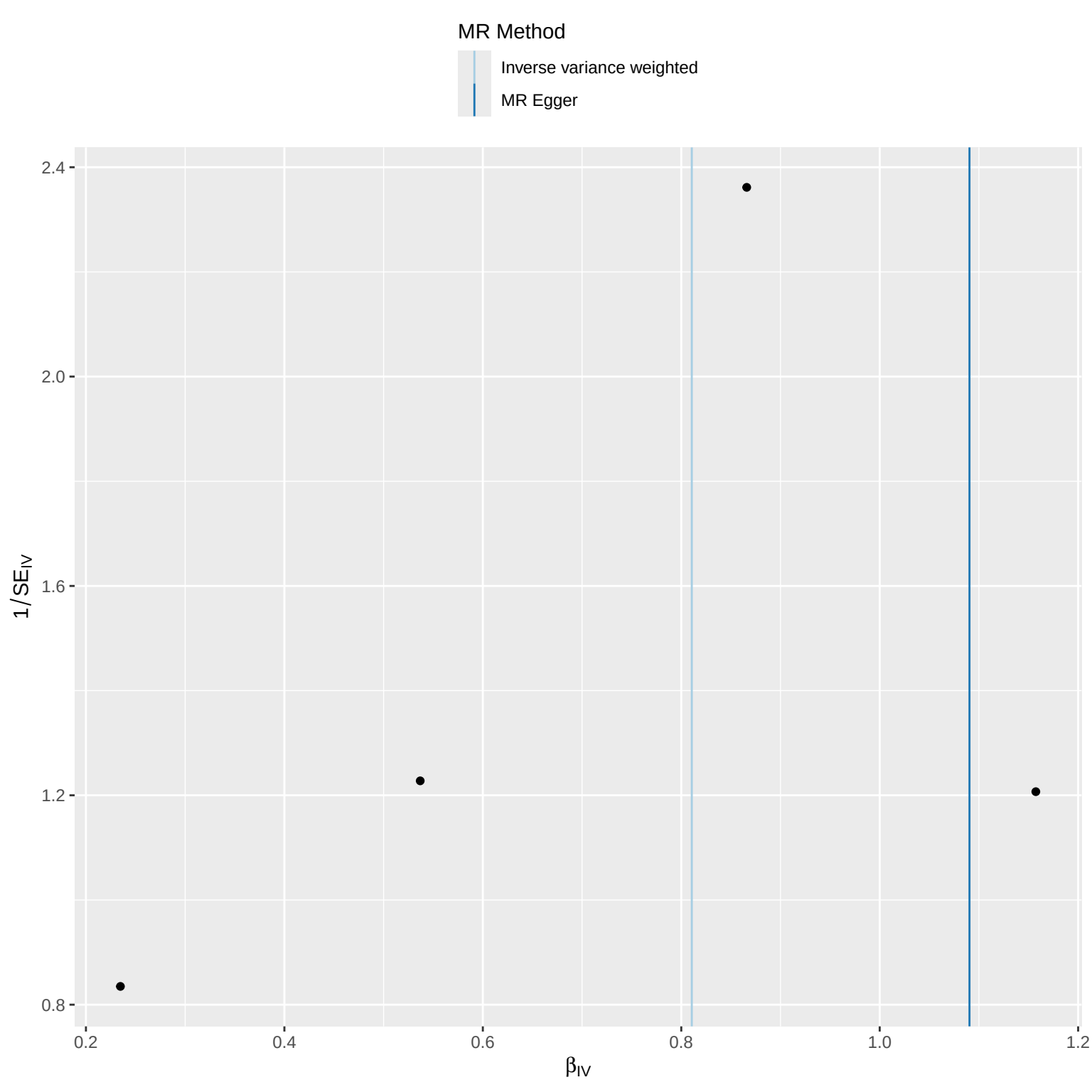

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

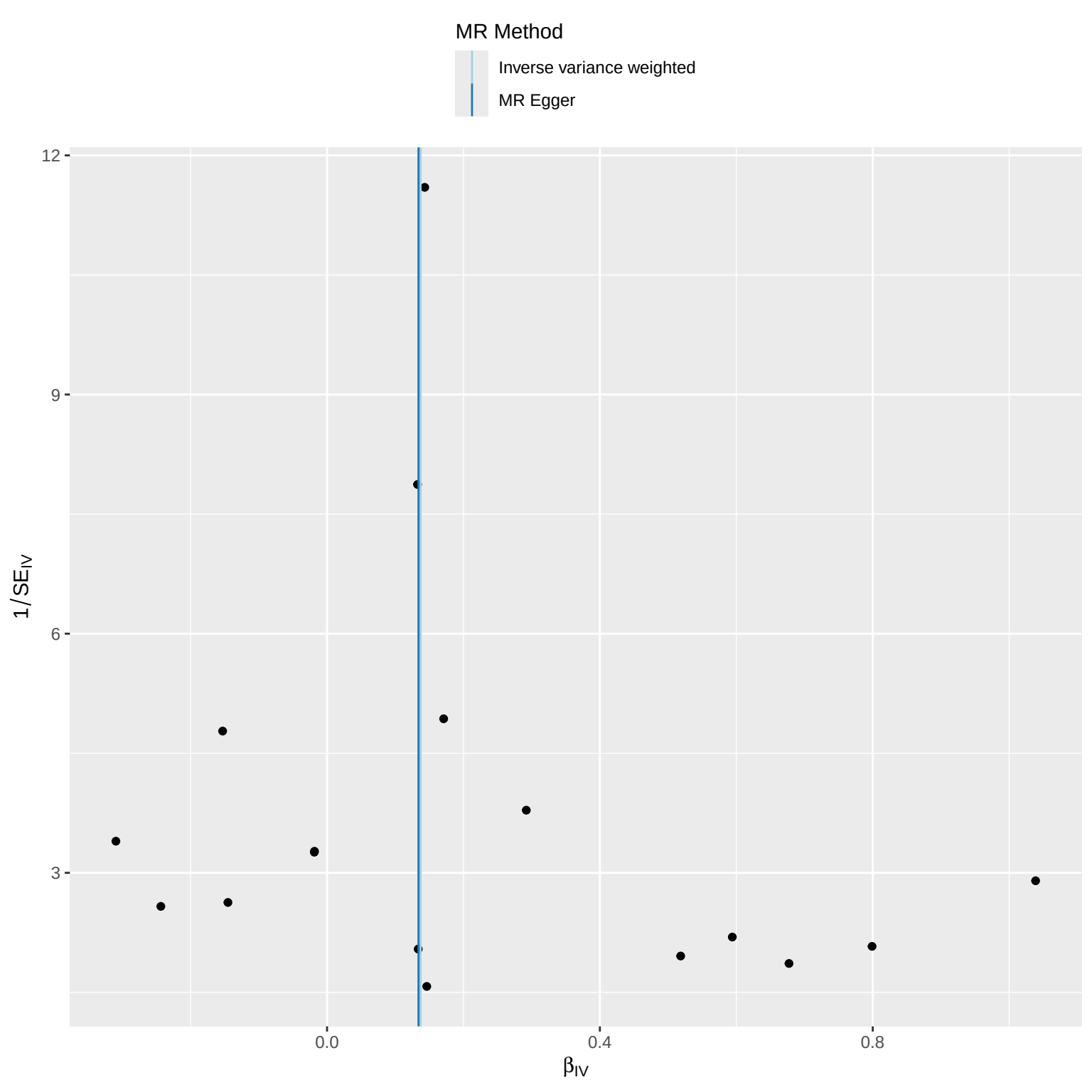

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

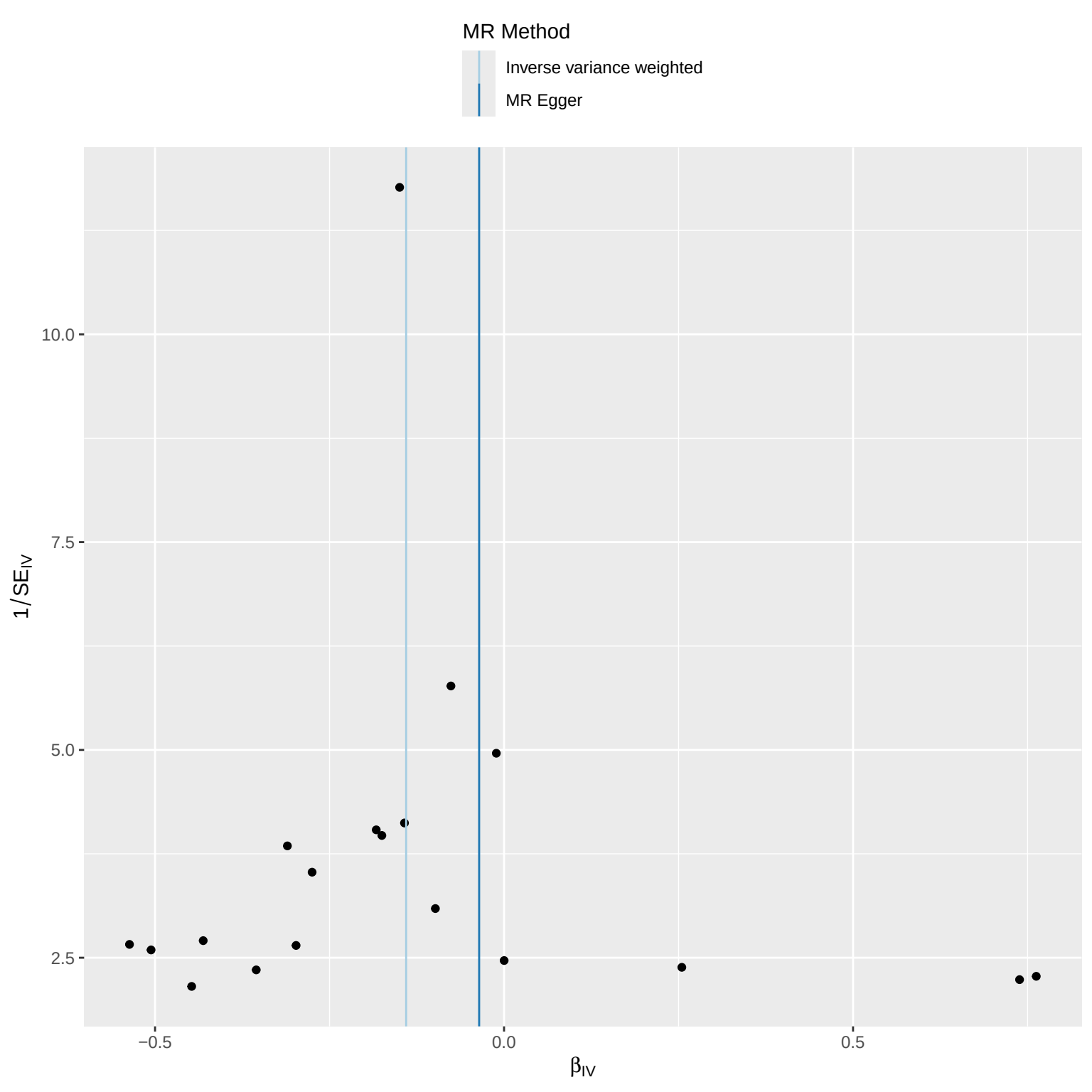

MR Method
Inverse variance weighted
MR Egger
8
6
4
1/SE_IV
−0.3
−0.2
−0.1
β_IV

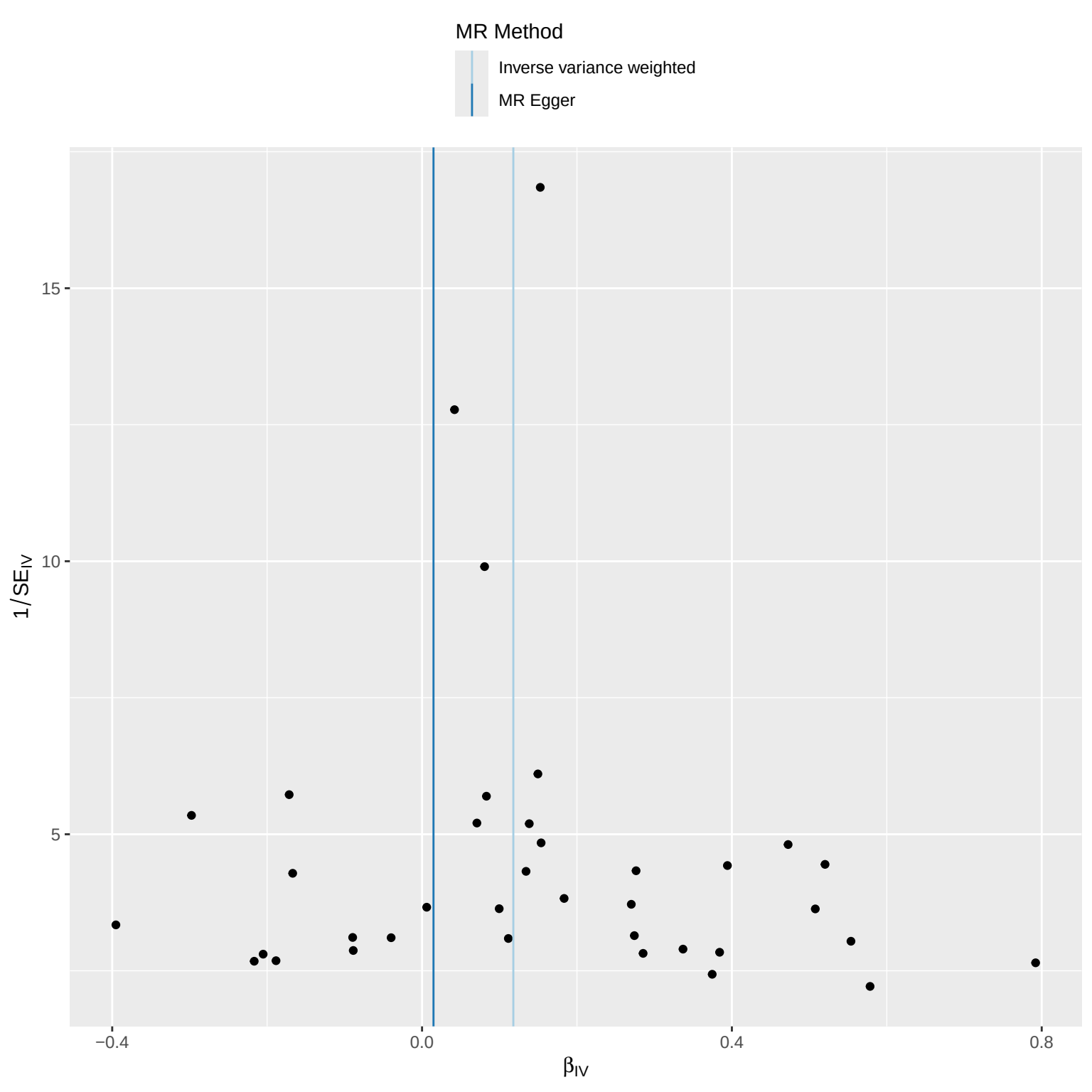

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.00
0.25
0.50
0.75
1.00
β_IV

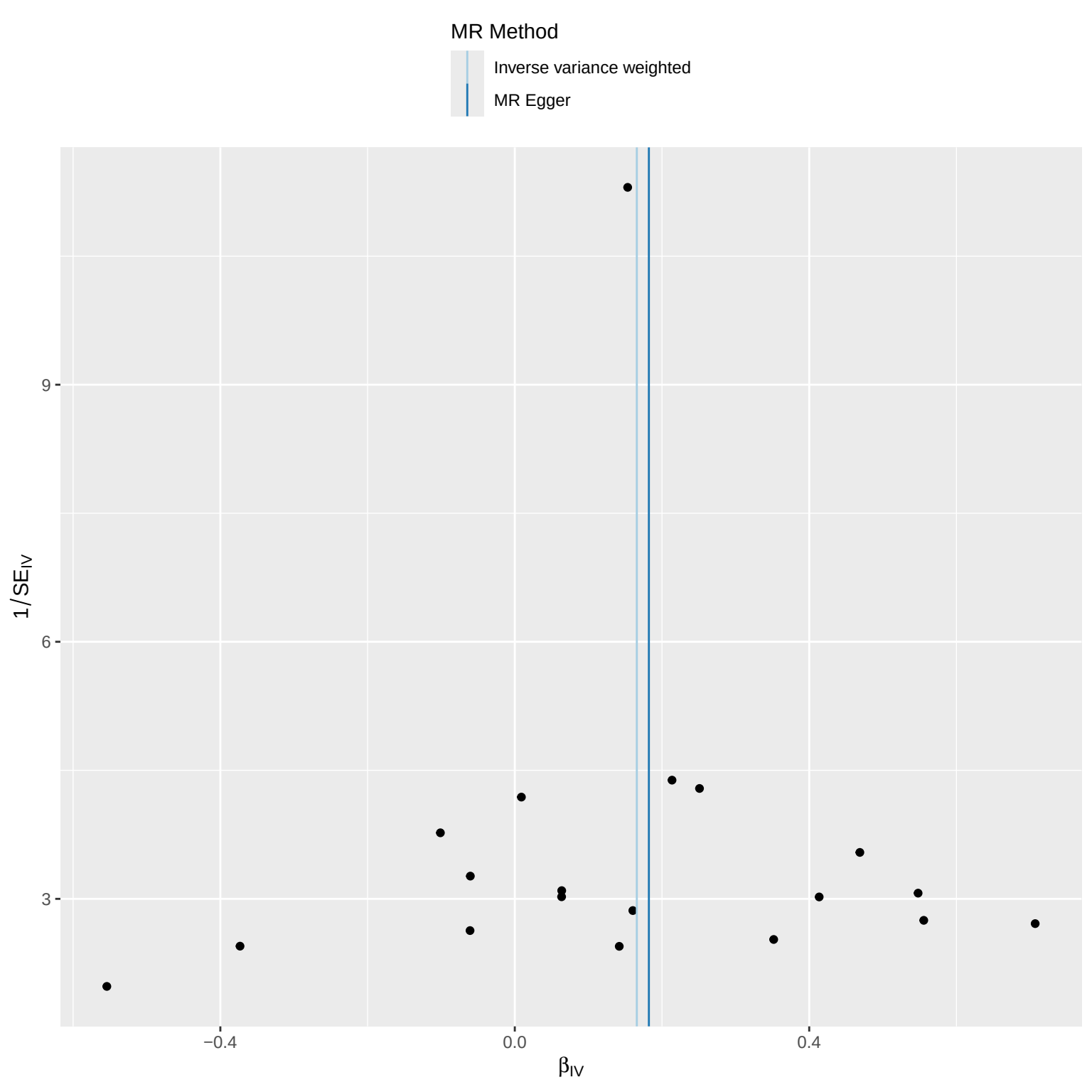

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.4
0.0
0.4
β_IV

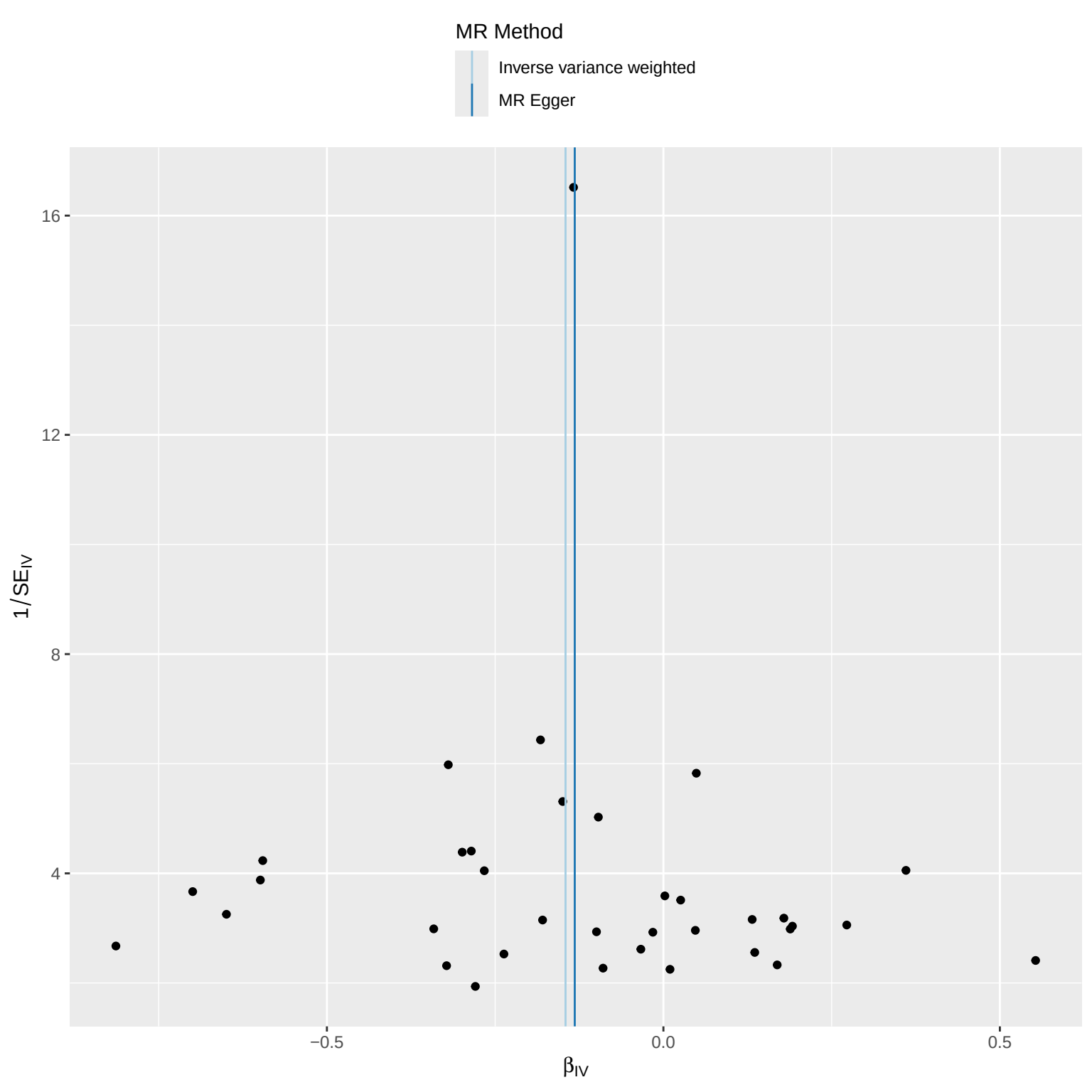

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
0.2
0.4
0.6
0.8
1.0
1.2
β_IV

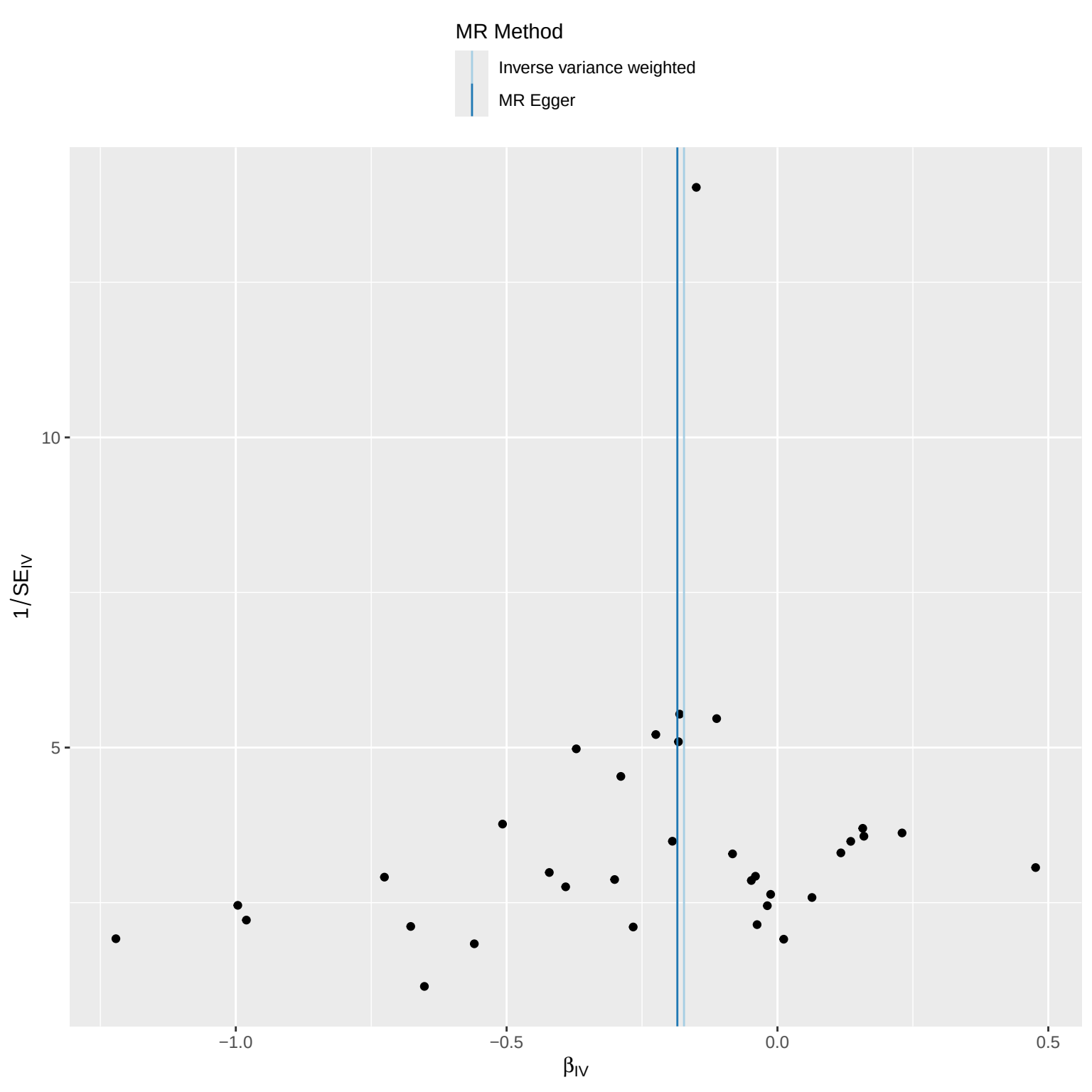

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
0.0
0.4
0.8
β_IV

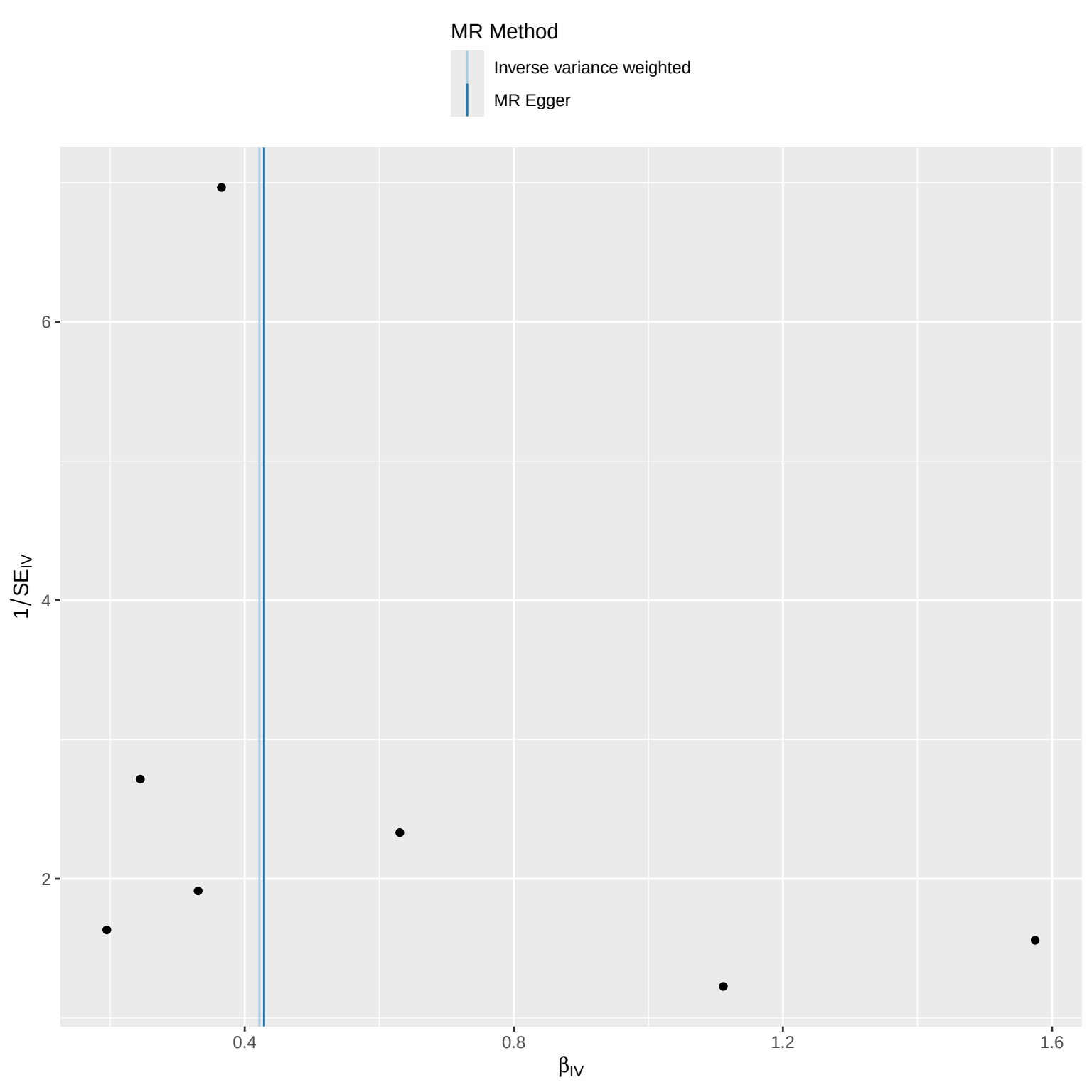

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

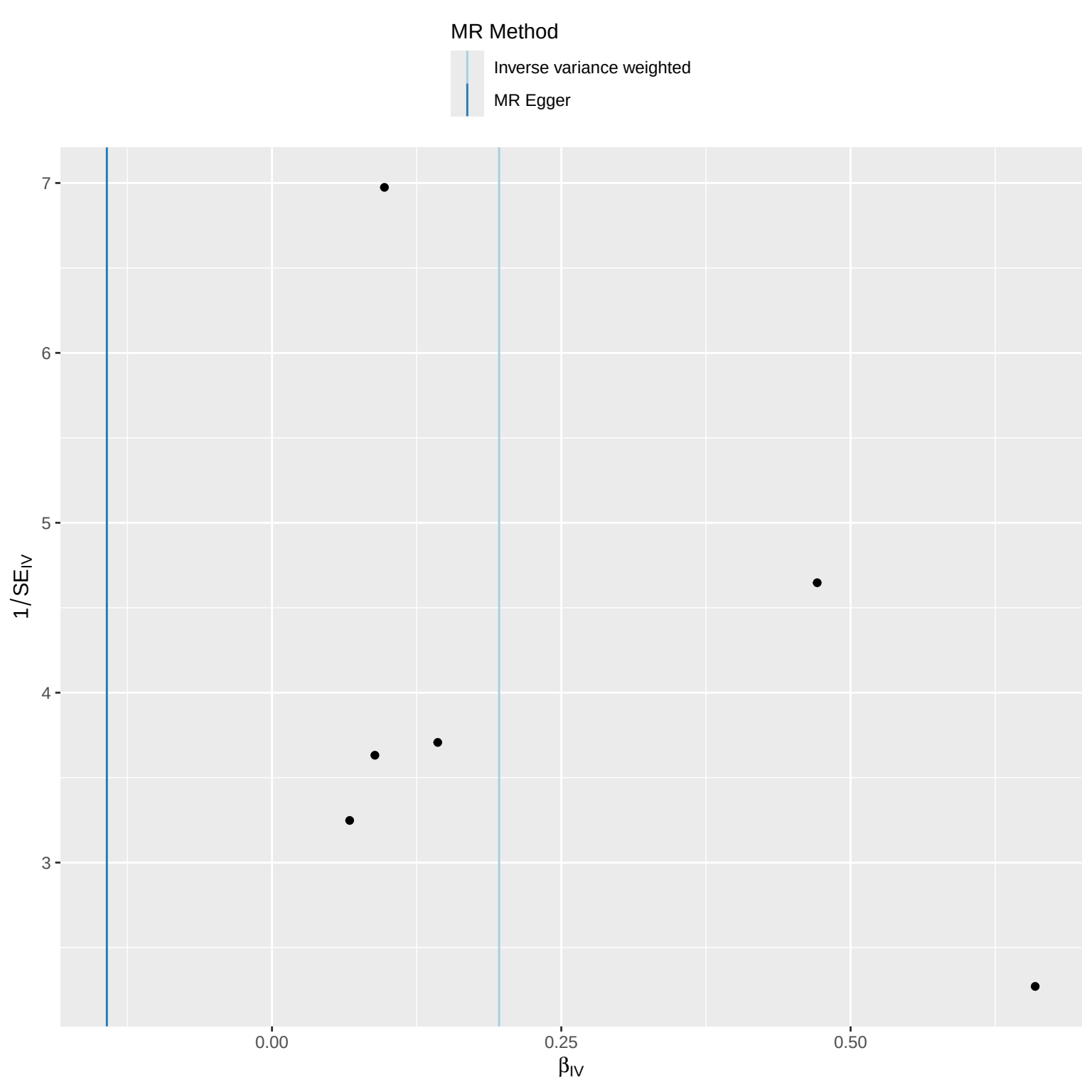

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

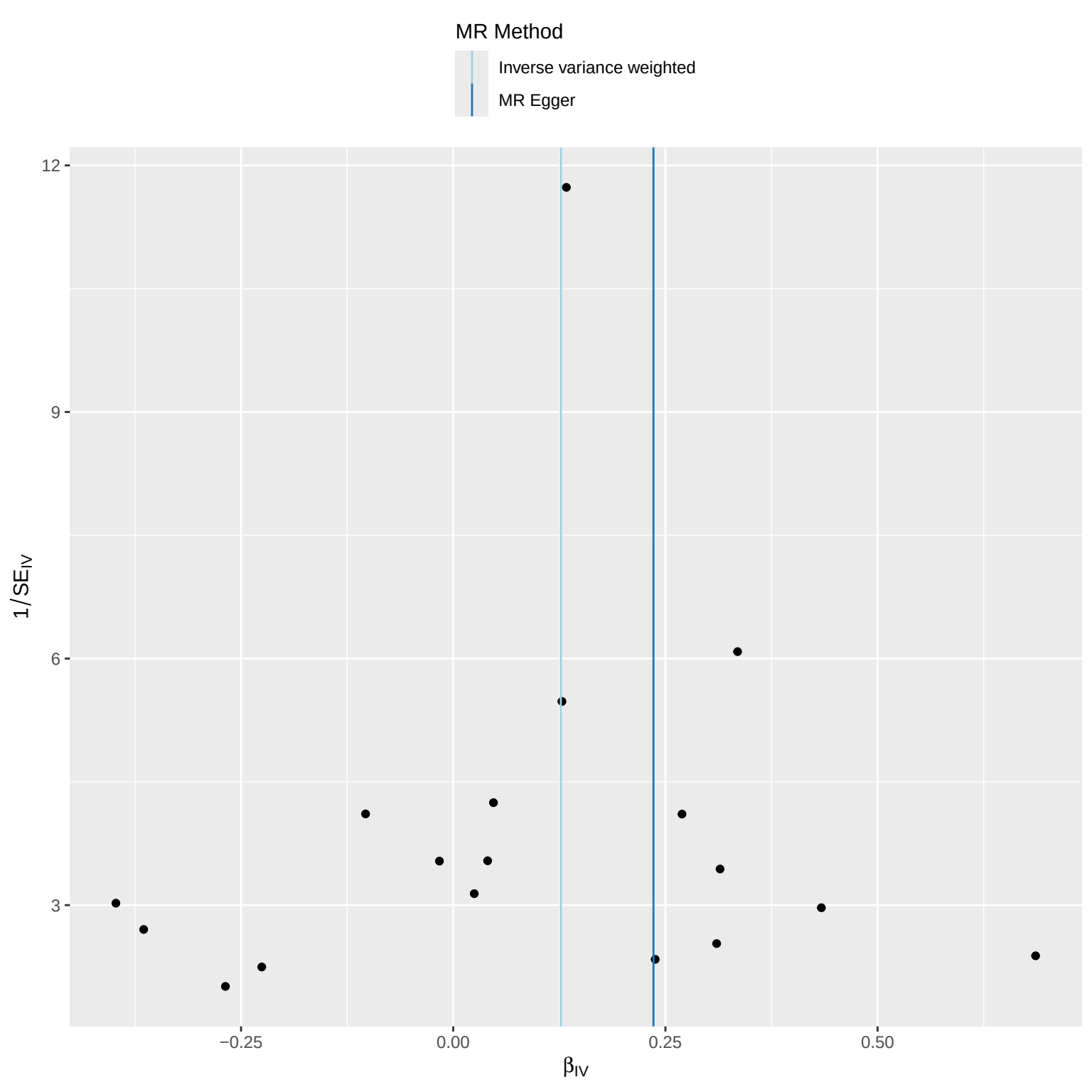

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.4
0.0
0.4
β_IV

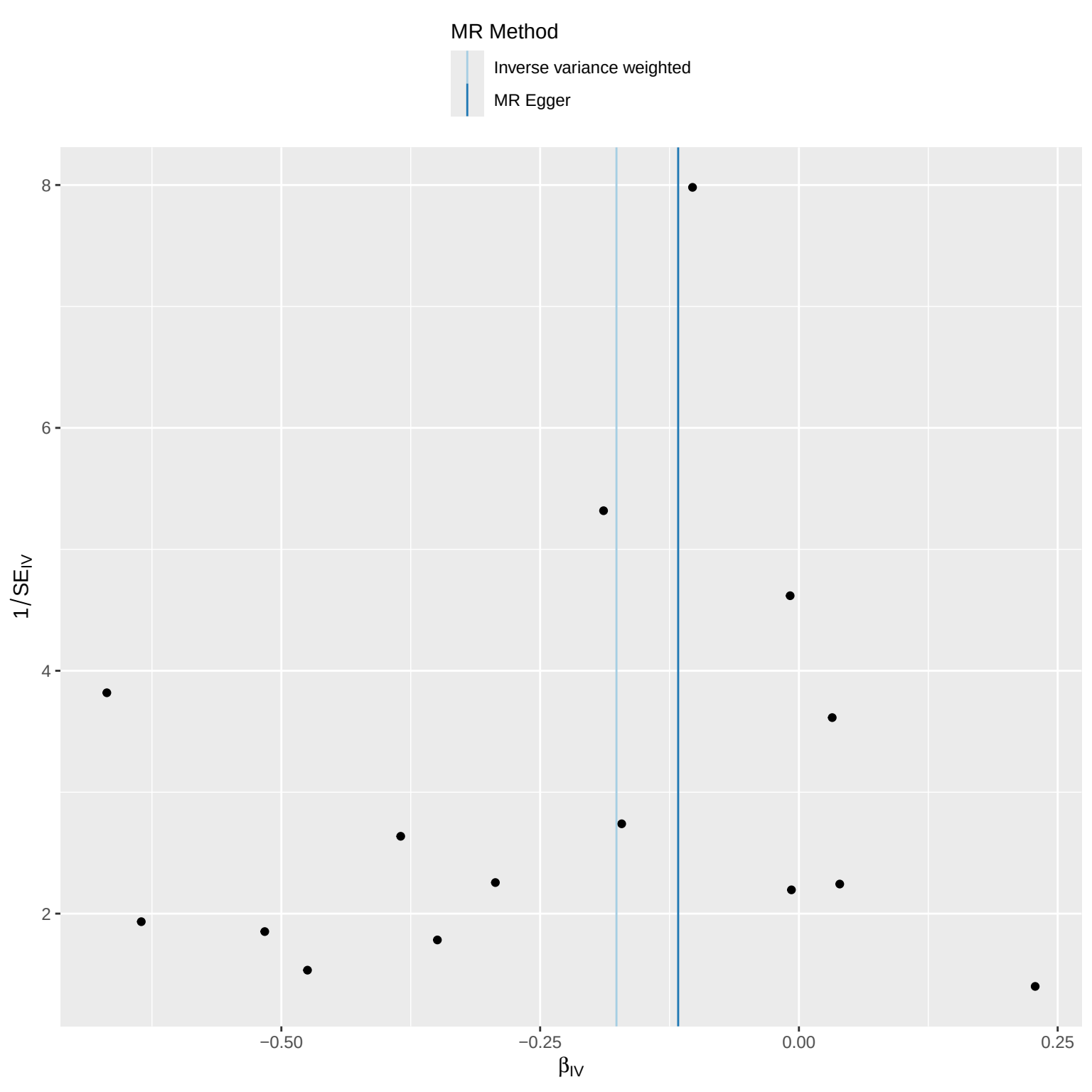

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.5
0.0
0.5
β_IV

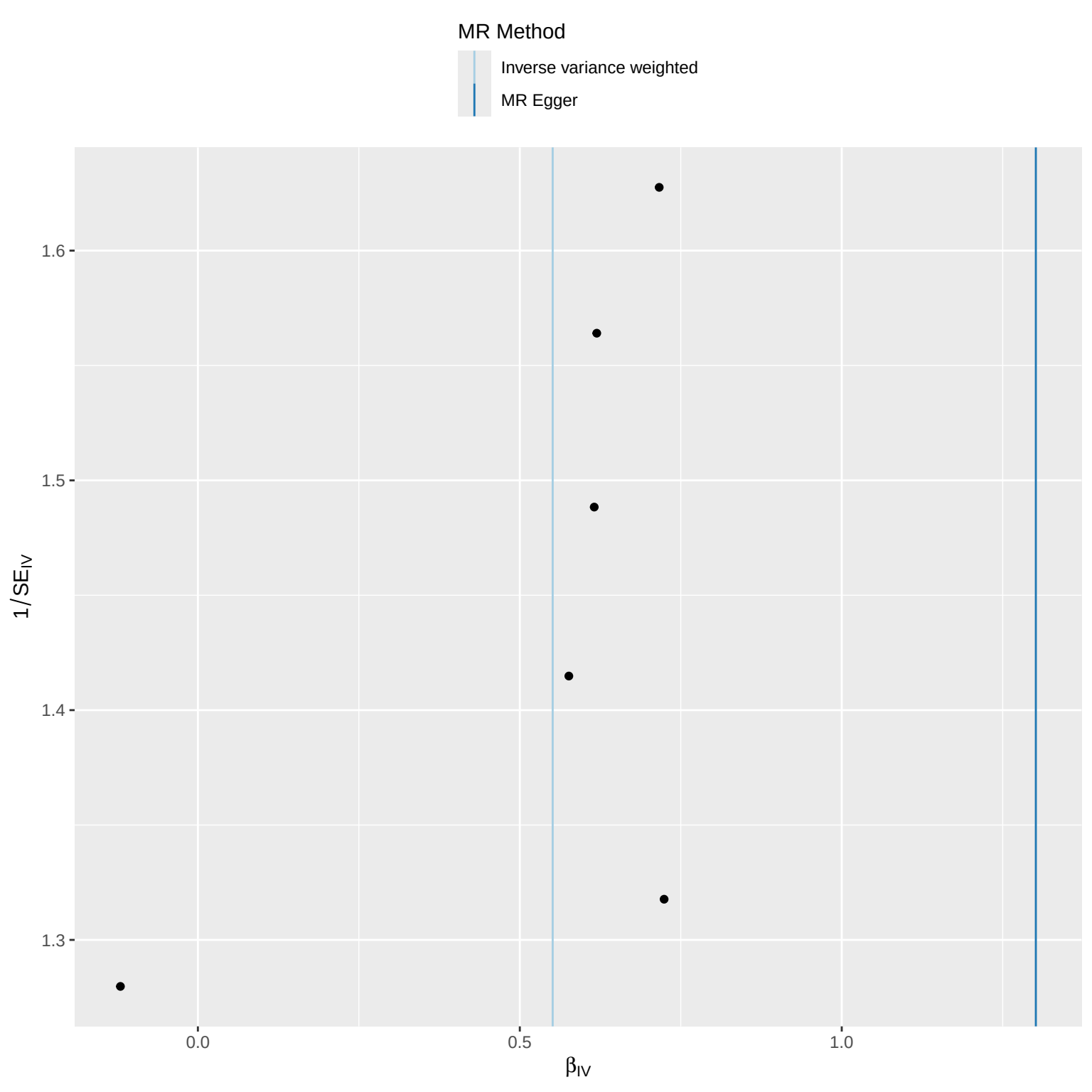

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

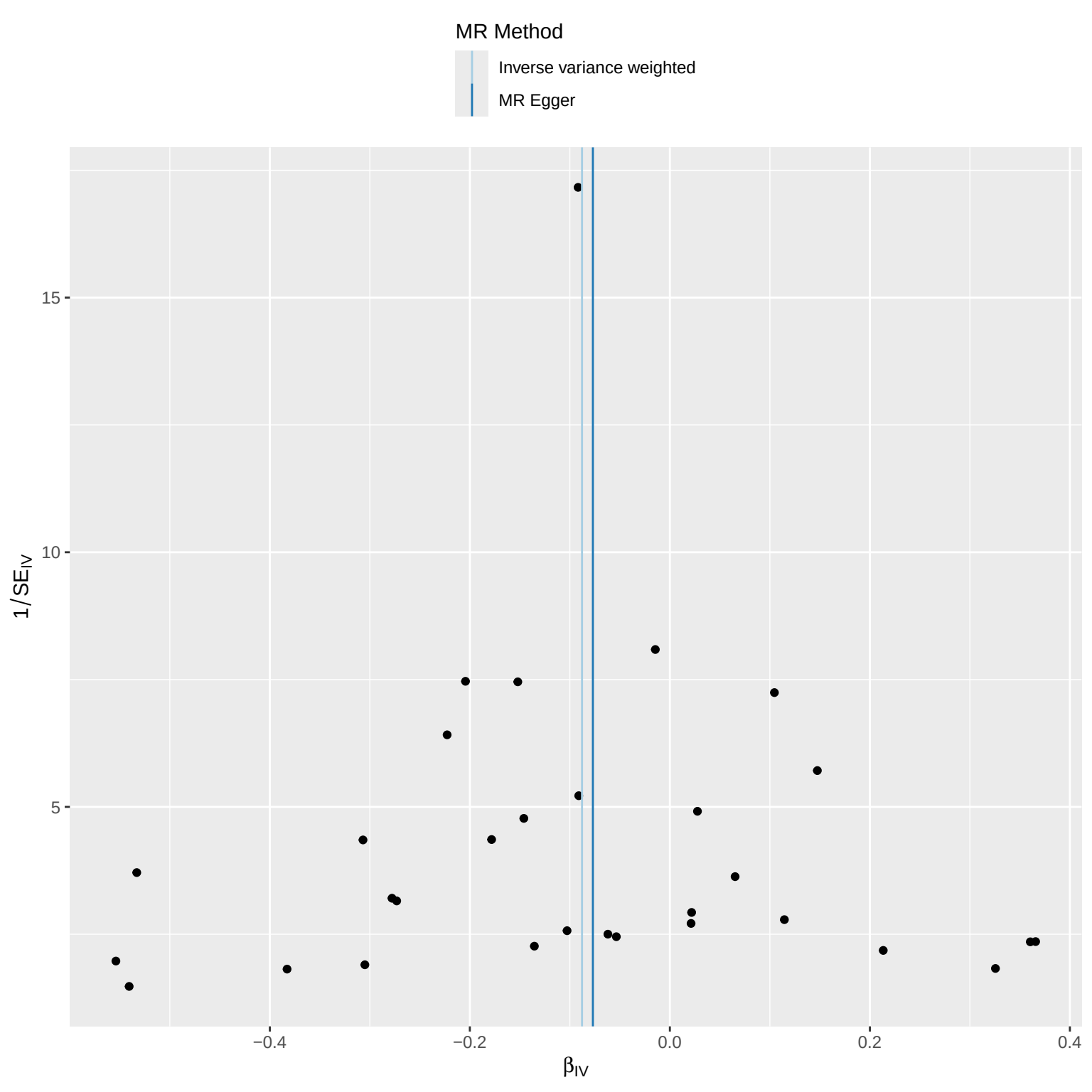

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.4
0.8
1.2
1.6
β_IV

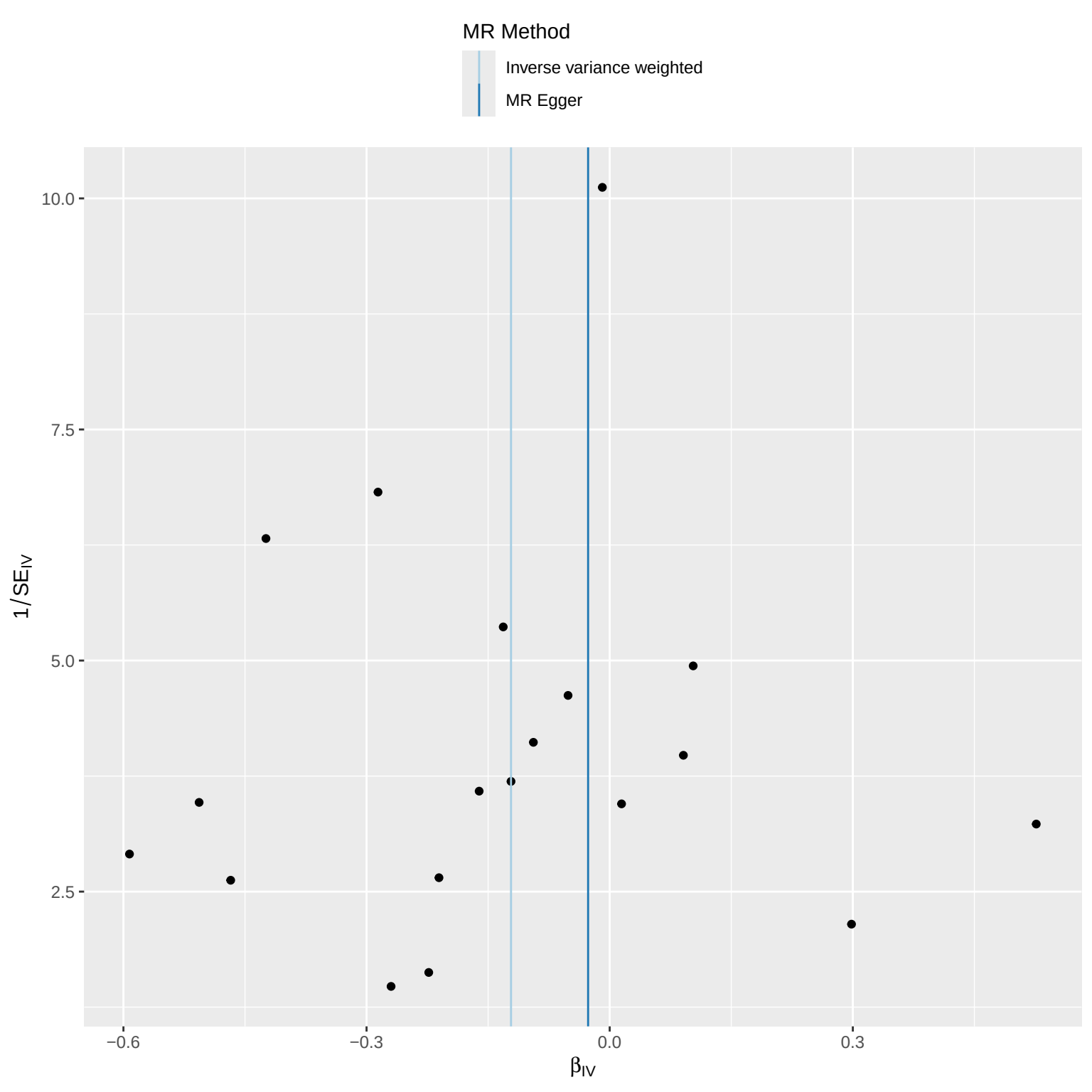

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
0.00
0.25
0.50
β_IV

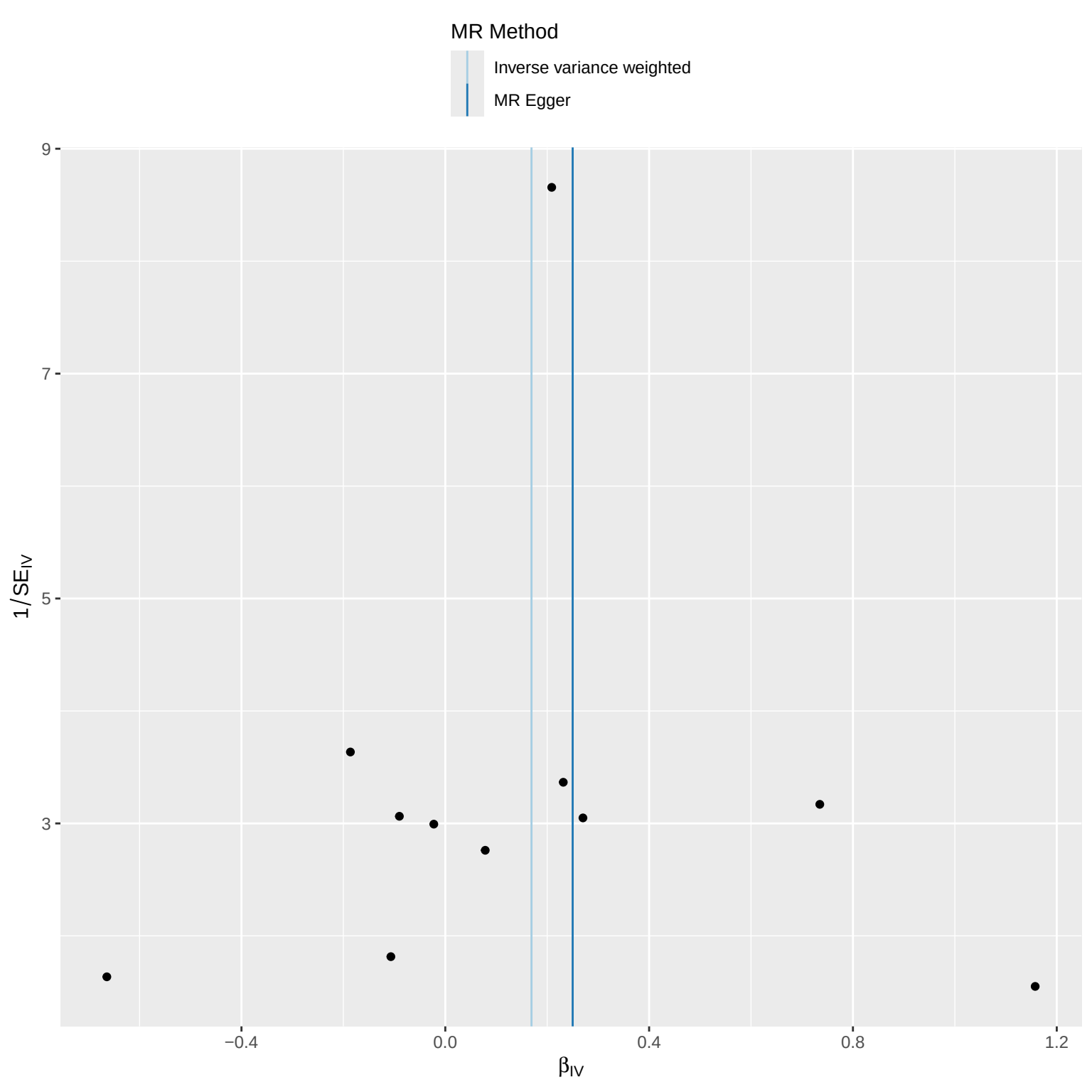

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

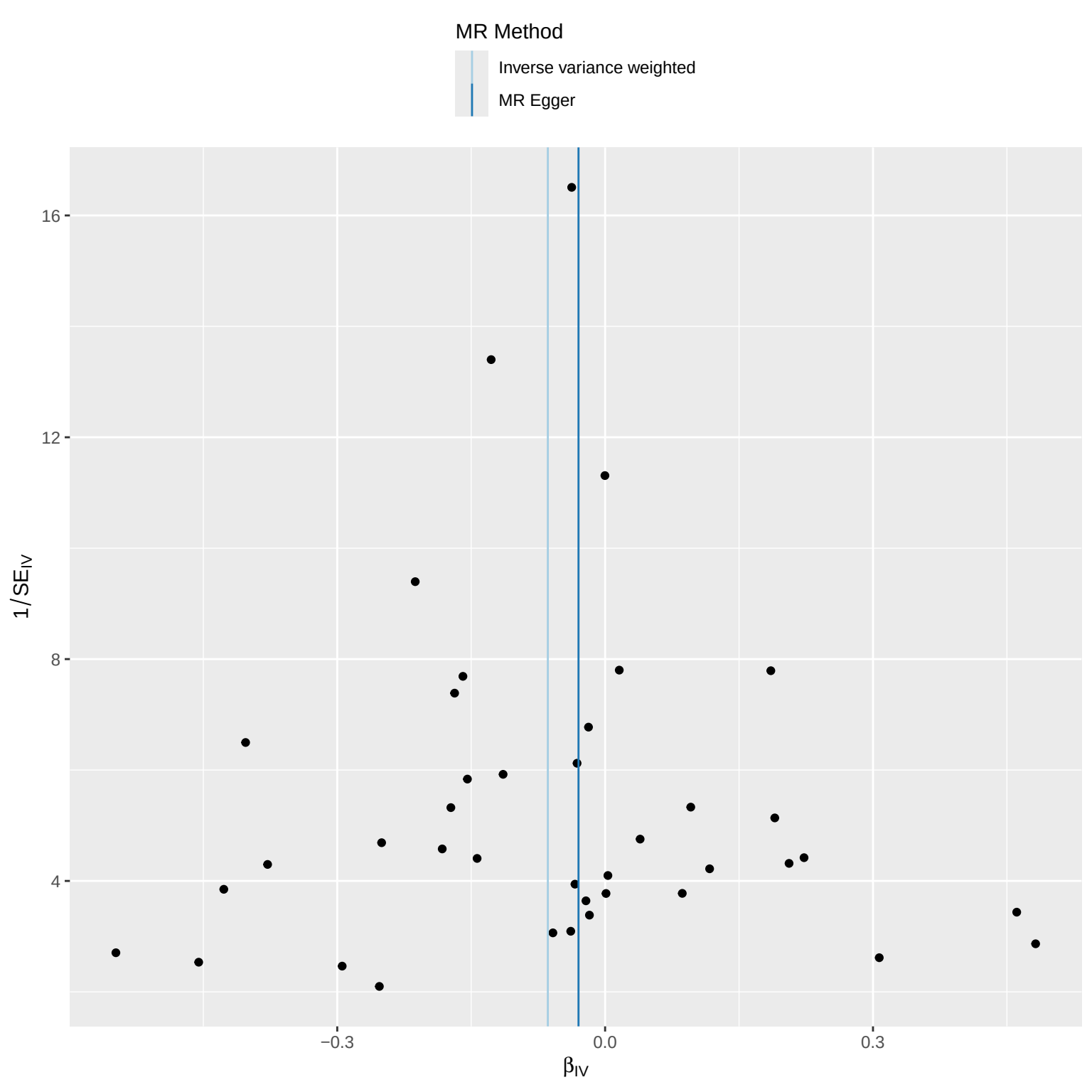

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

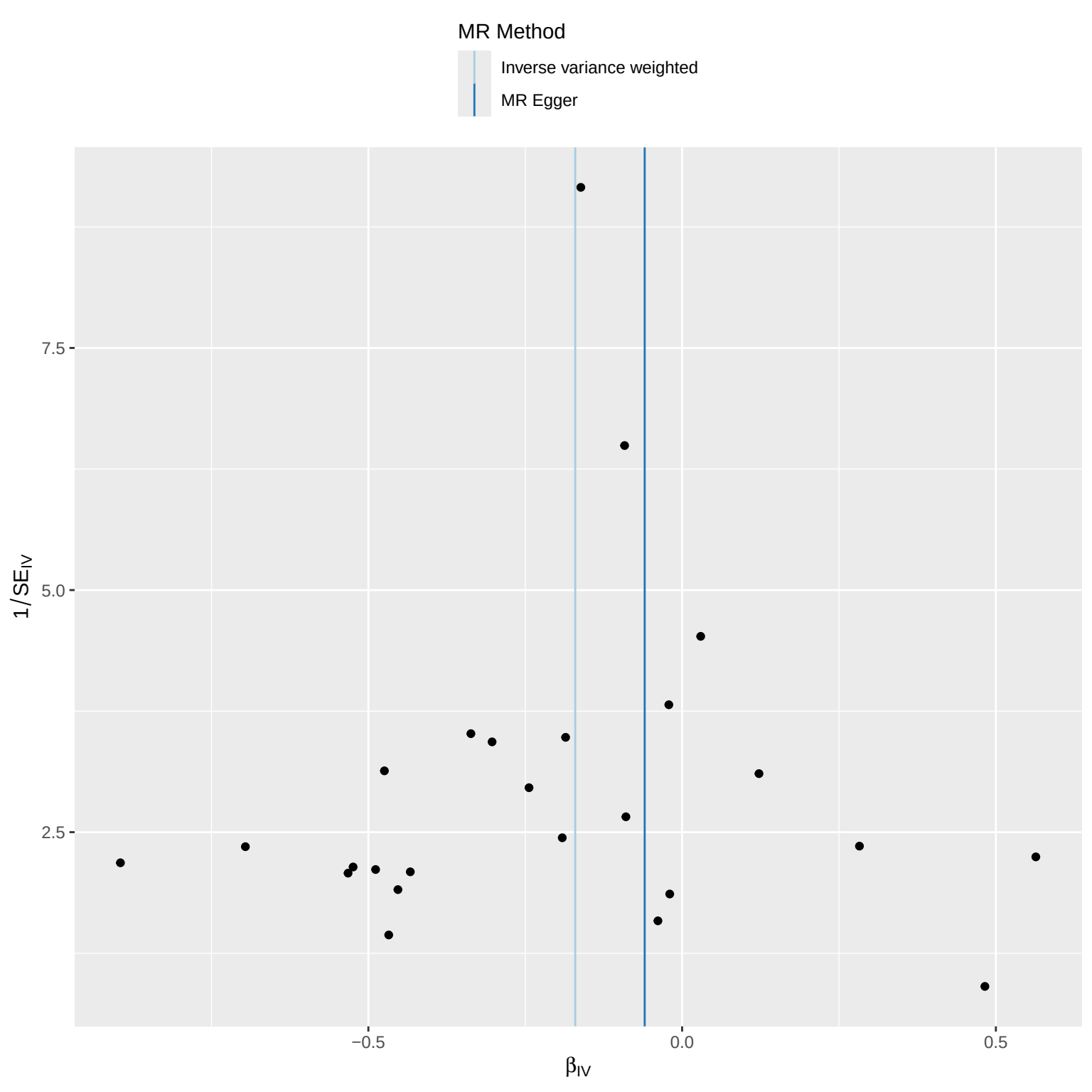

MR Method
Inverse variance weighted
MR Egger
1.6
1.5
1.4
1.3
1/SE_IV
0.0
0.5
1.0
β_IV

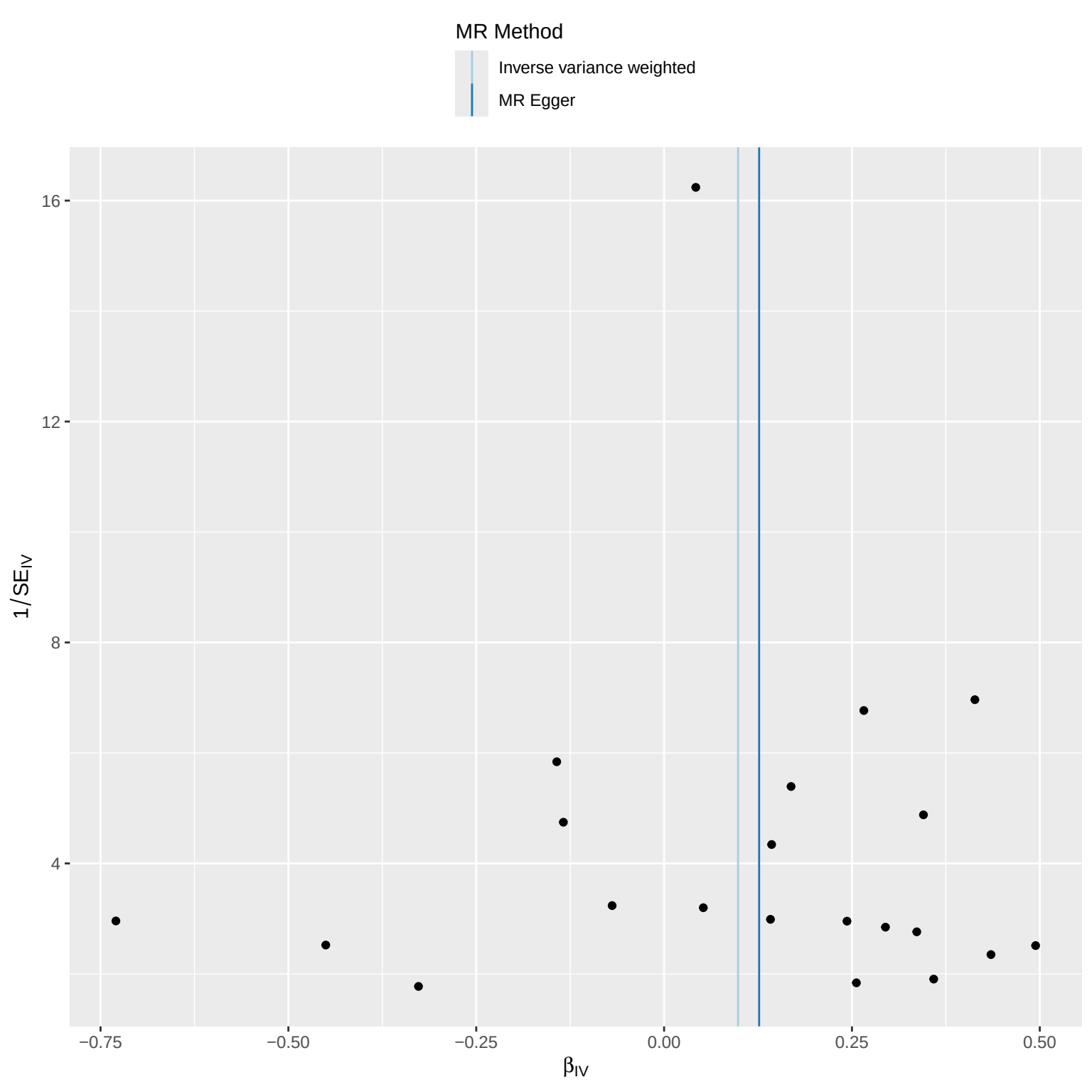

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.4
−0.2
0.0
0.2
0.4
β_IV

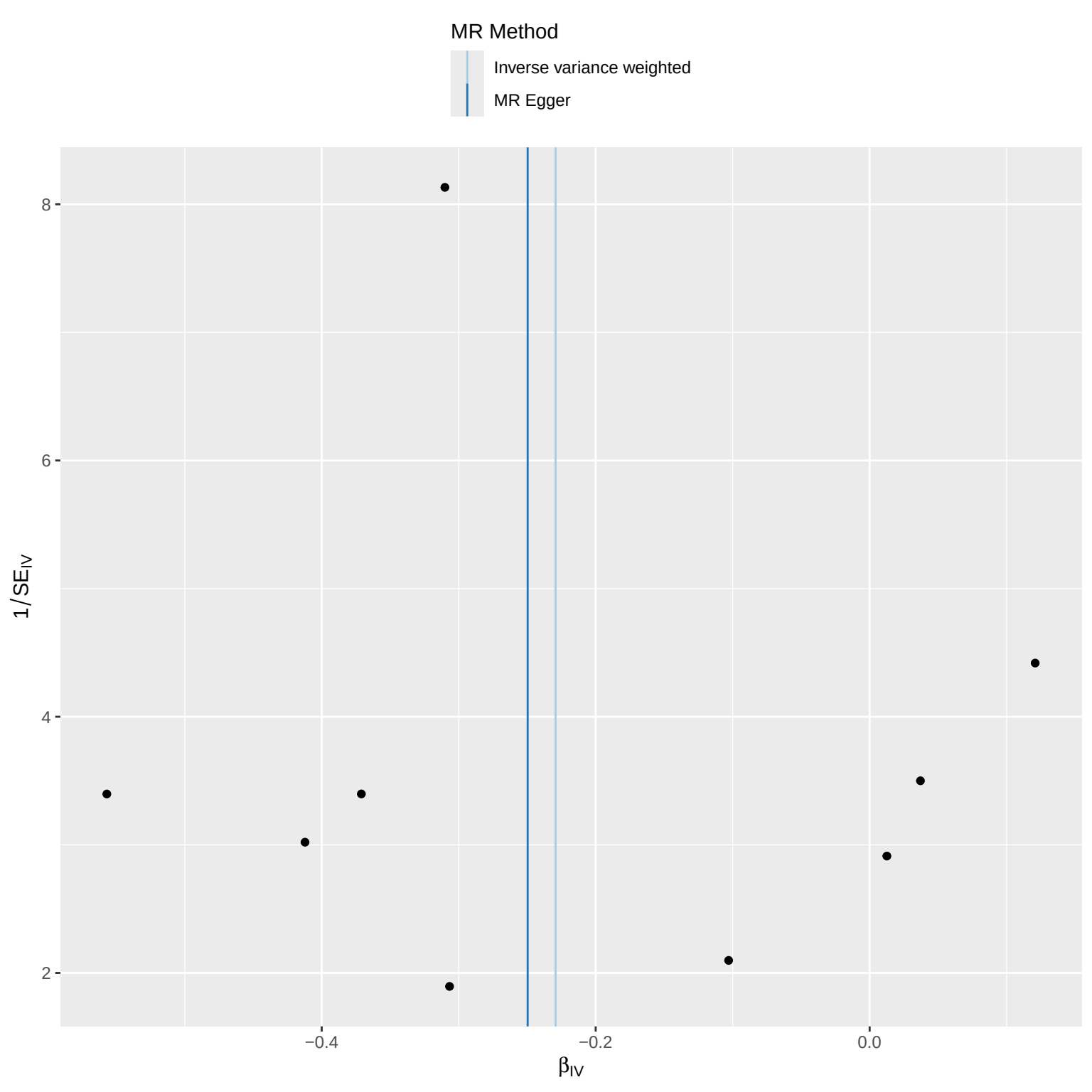

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

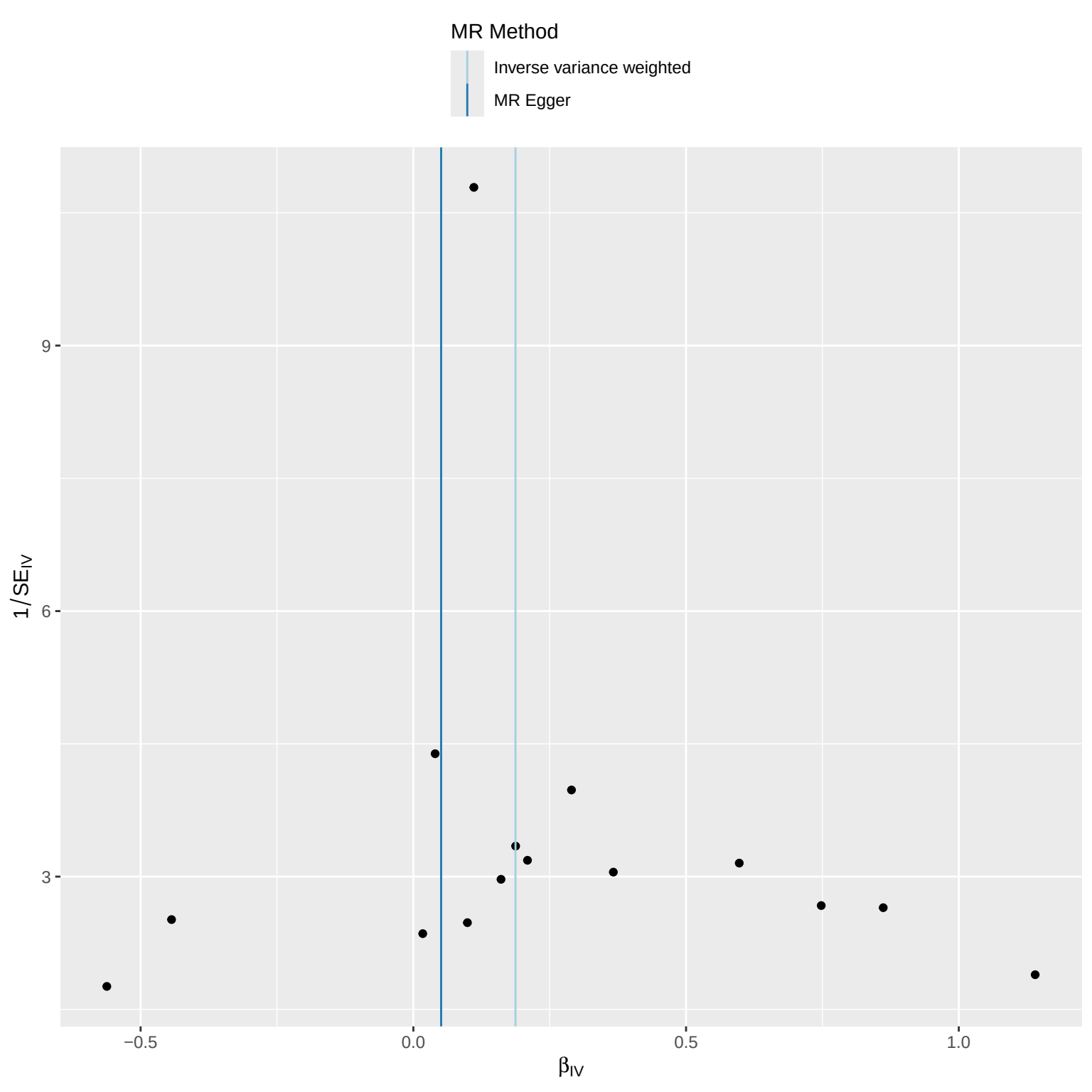

MR Method
Inverse variance weighted
MR Egger
9
7
5
3
1/SE_IV
−0.4
0.0
0.4
0.8
1.2
β_IV

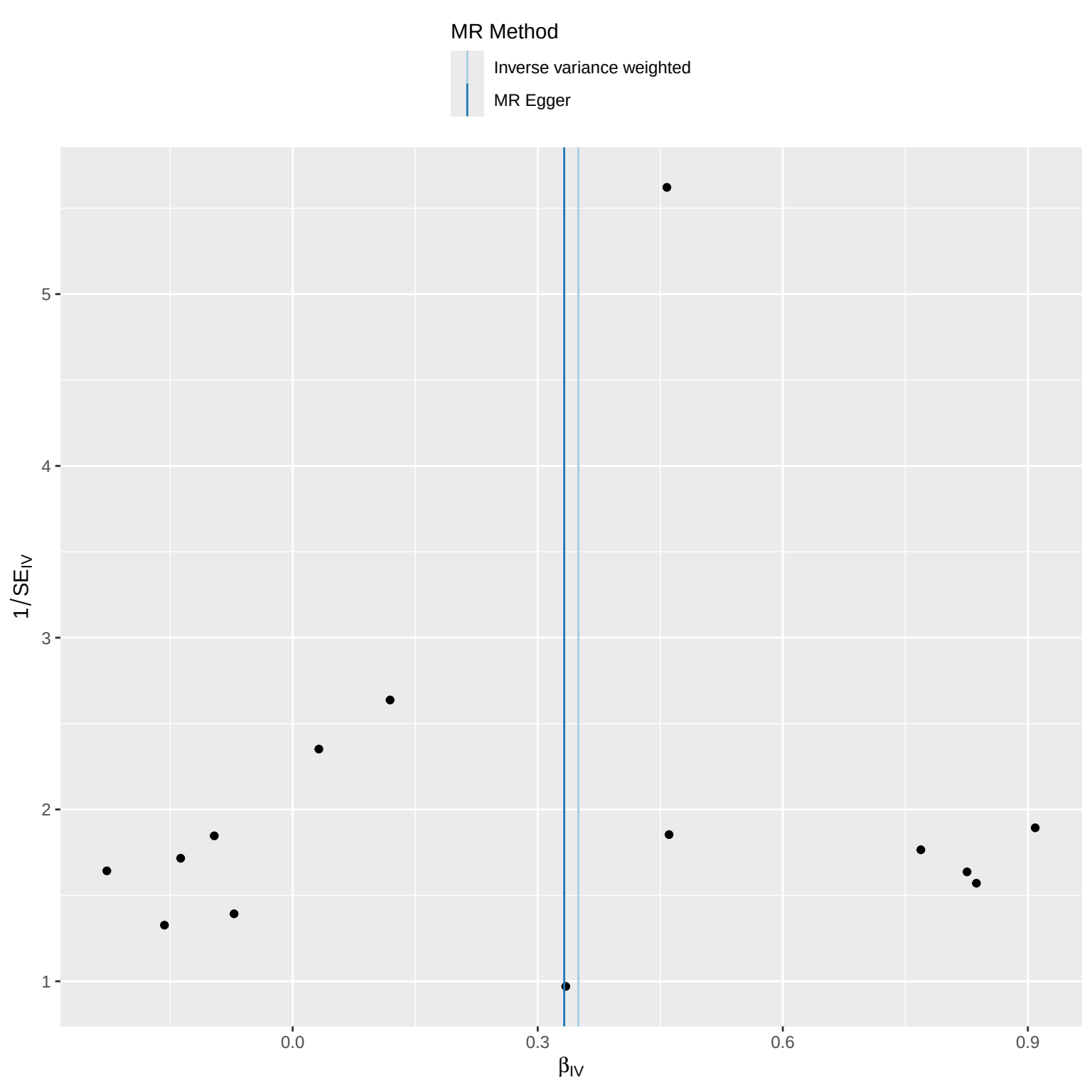

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.3
0.0
0.3
β_IV

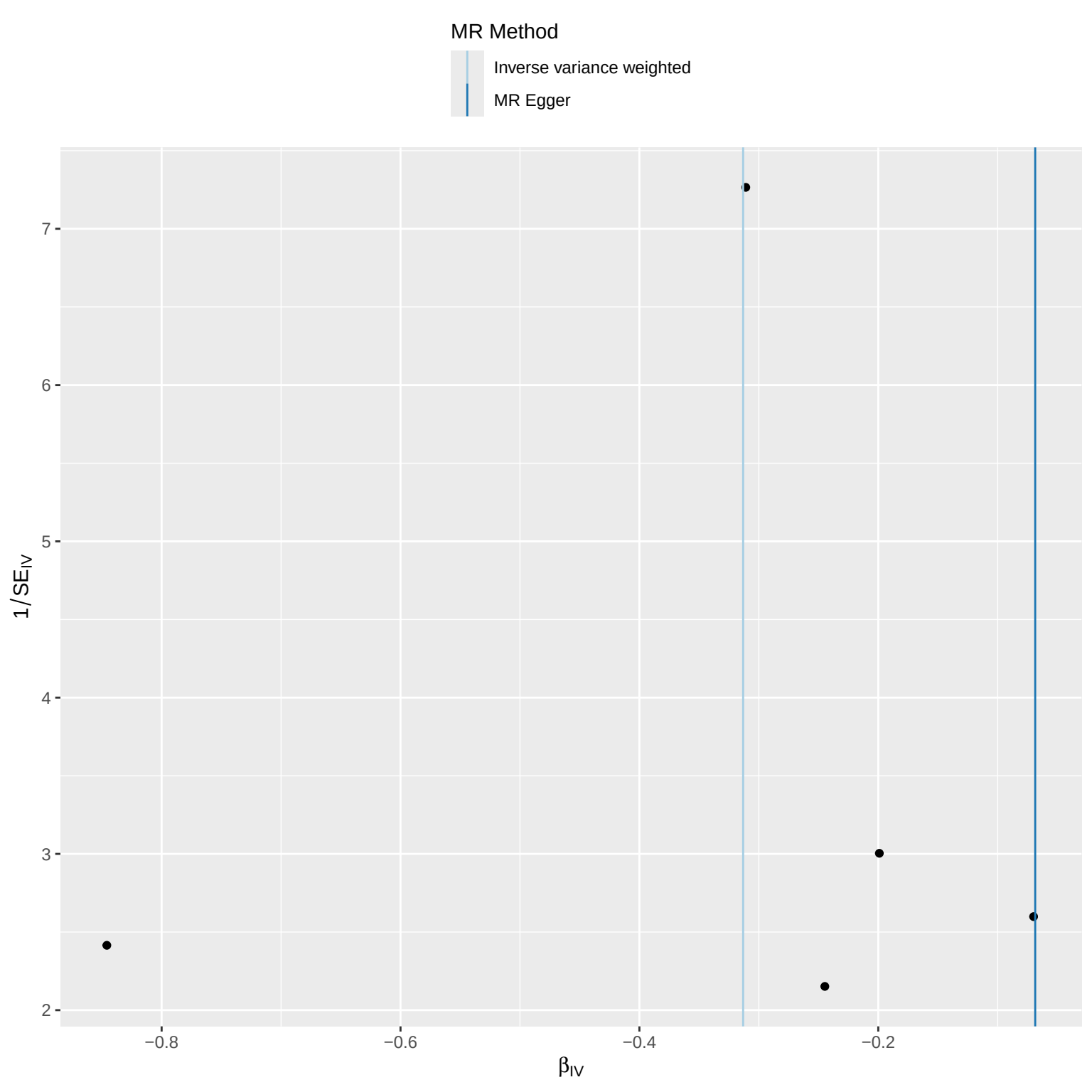

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

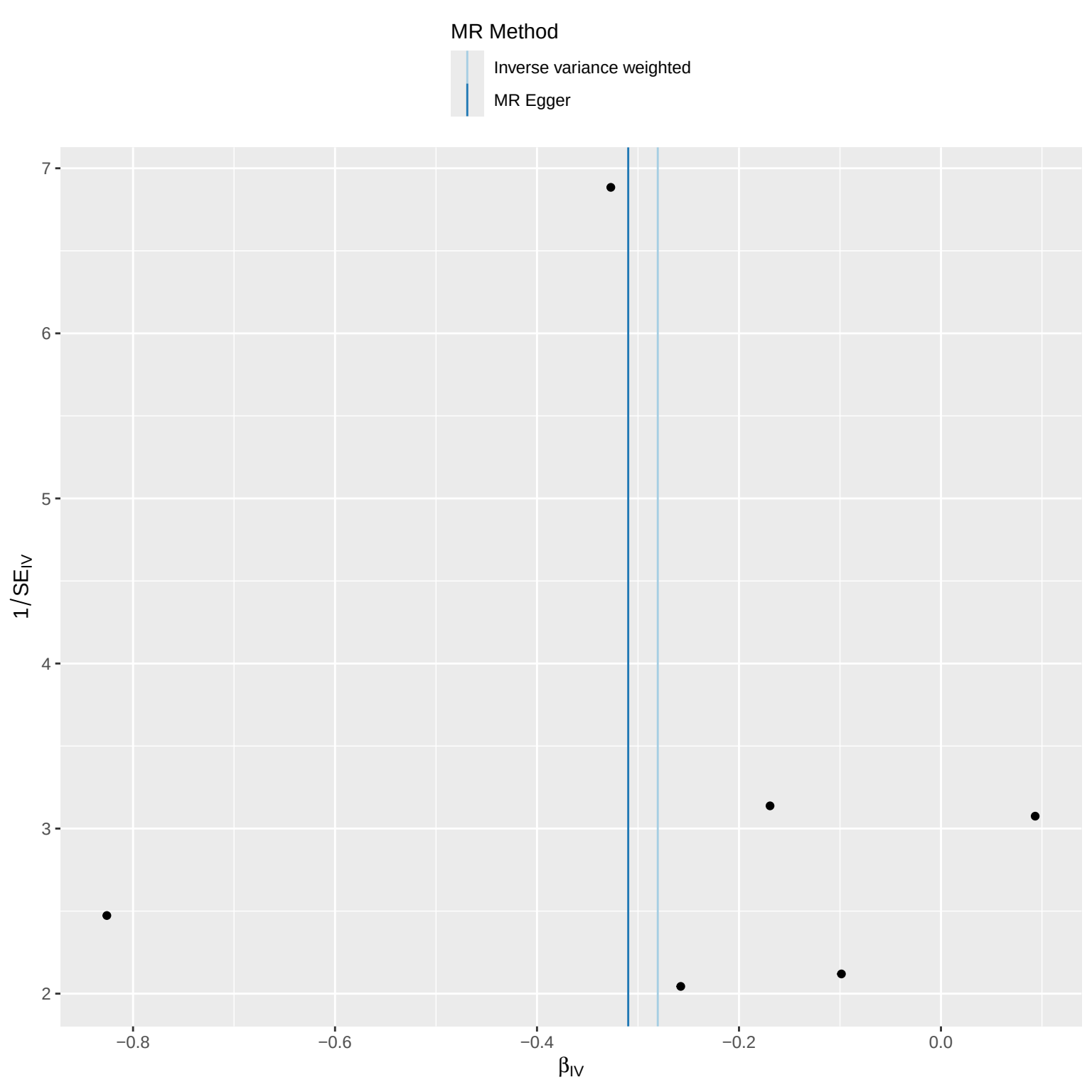

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.75
−0.50
−0.25
0.00
0.25
0.50
β_IV

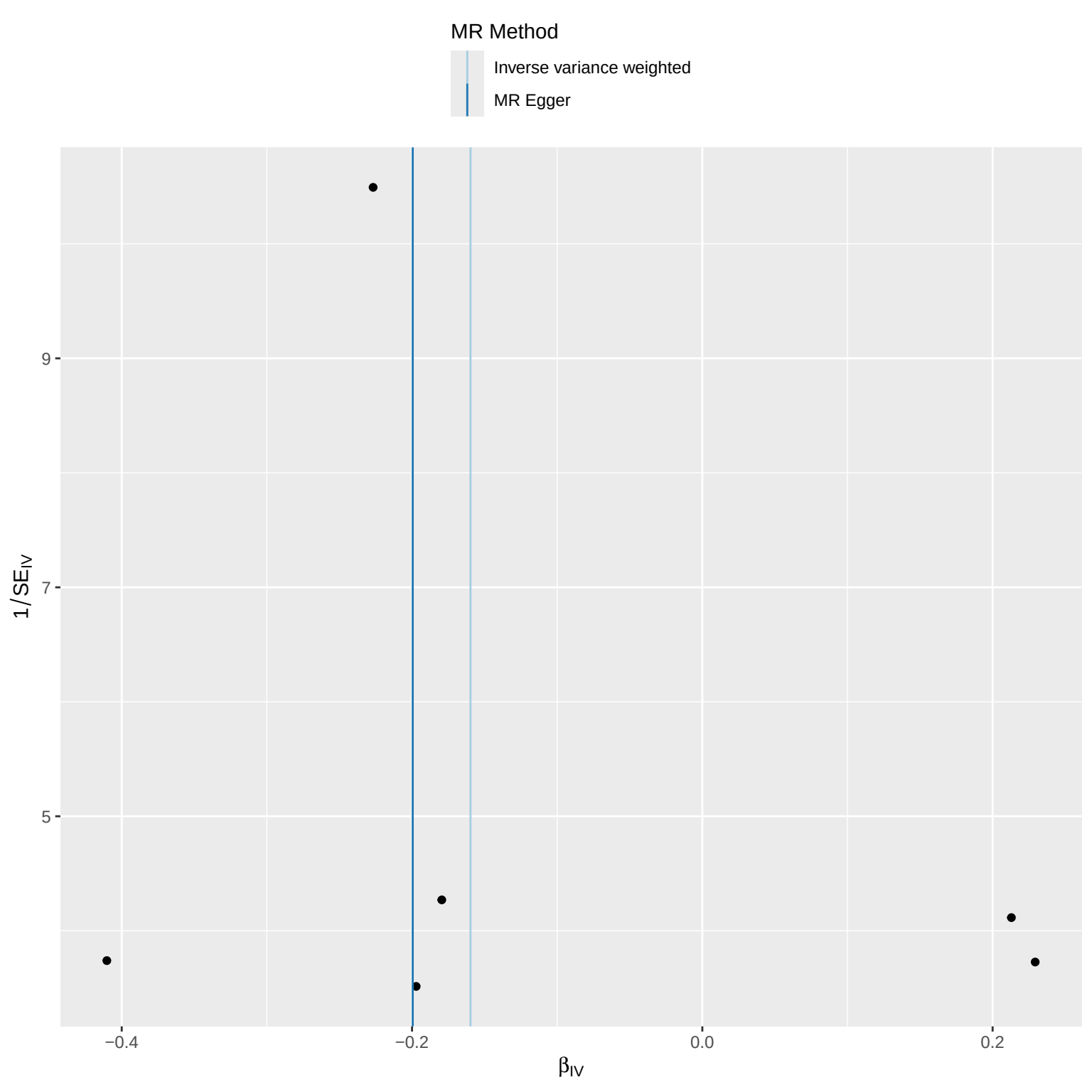

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.4
−0.2
0.0
β_IV

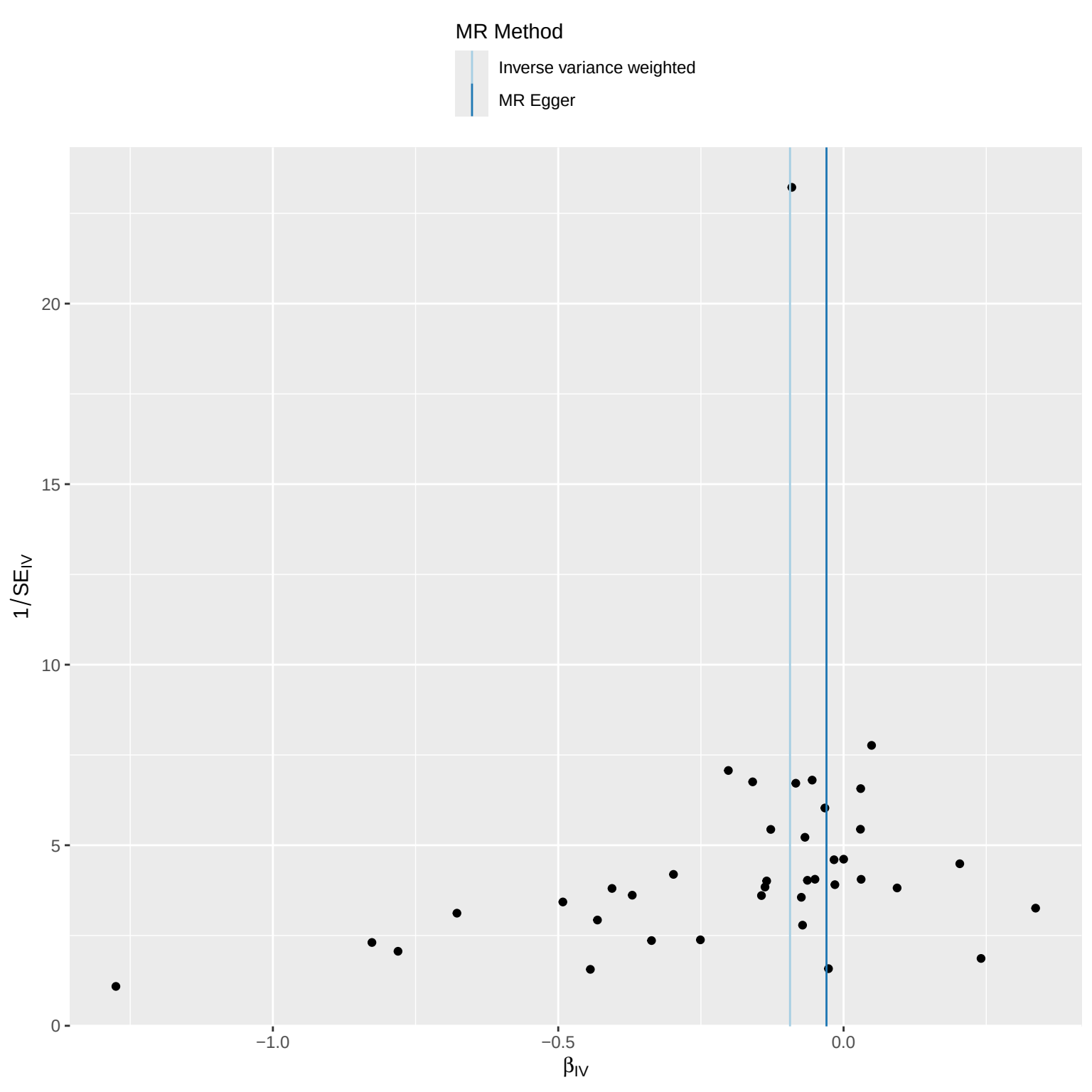

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

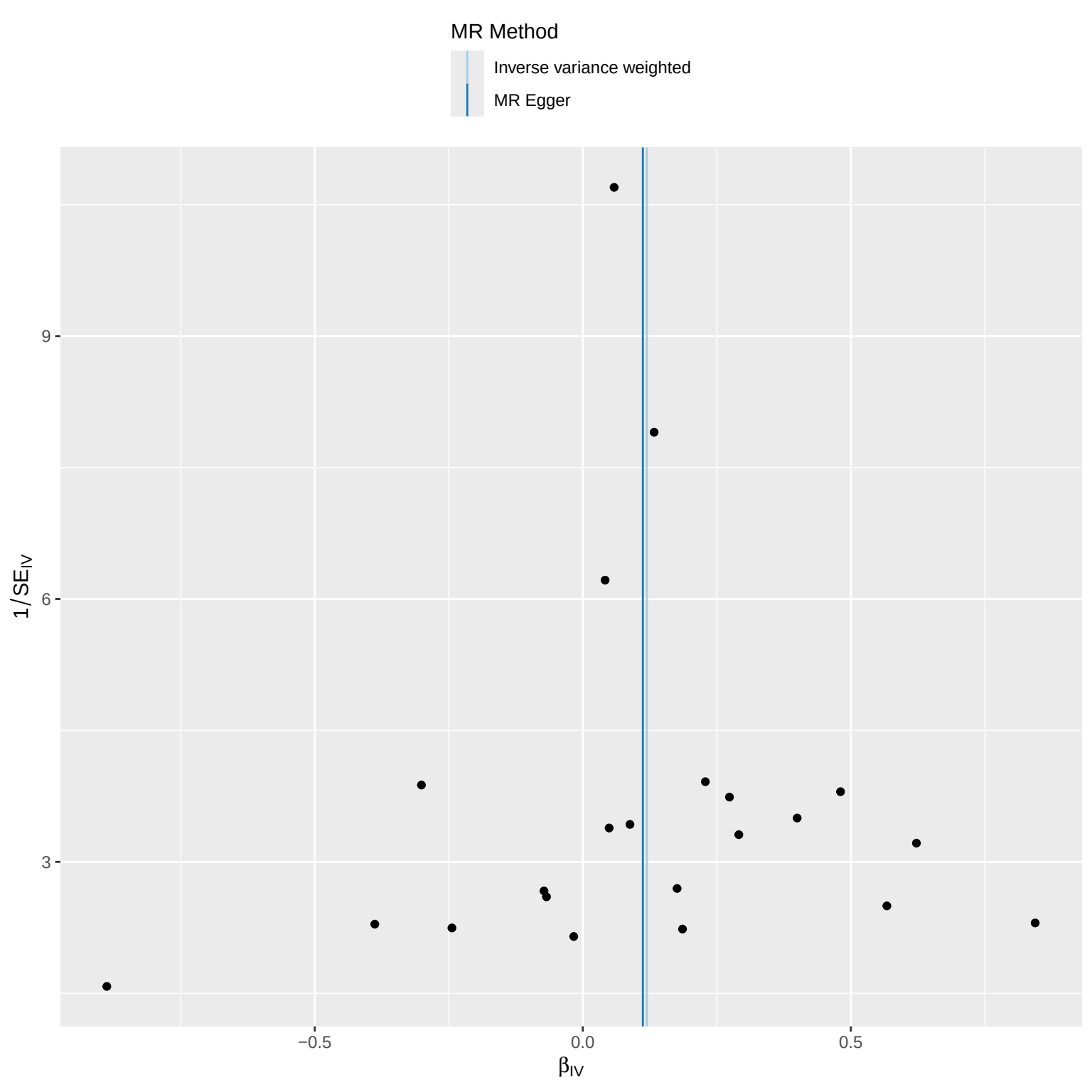

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
0.0
0.3
0.6
0.9
β_IV

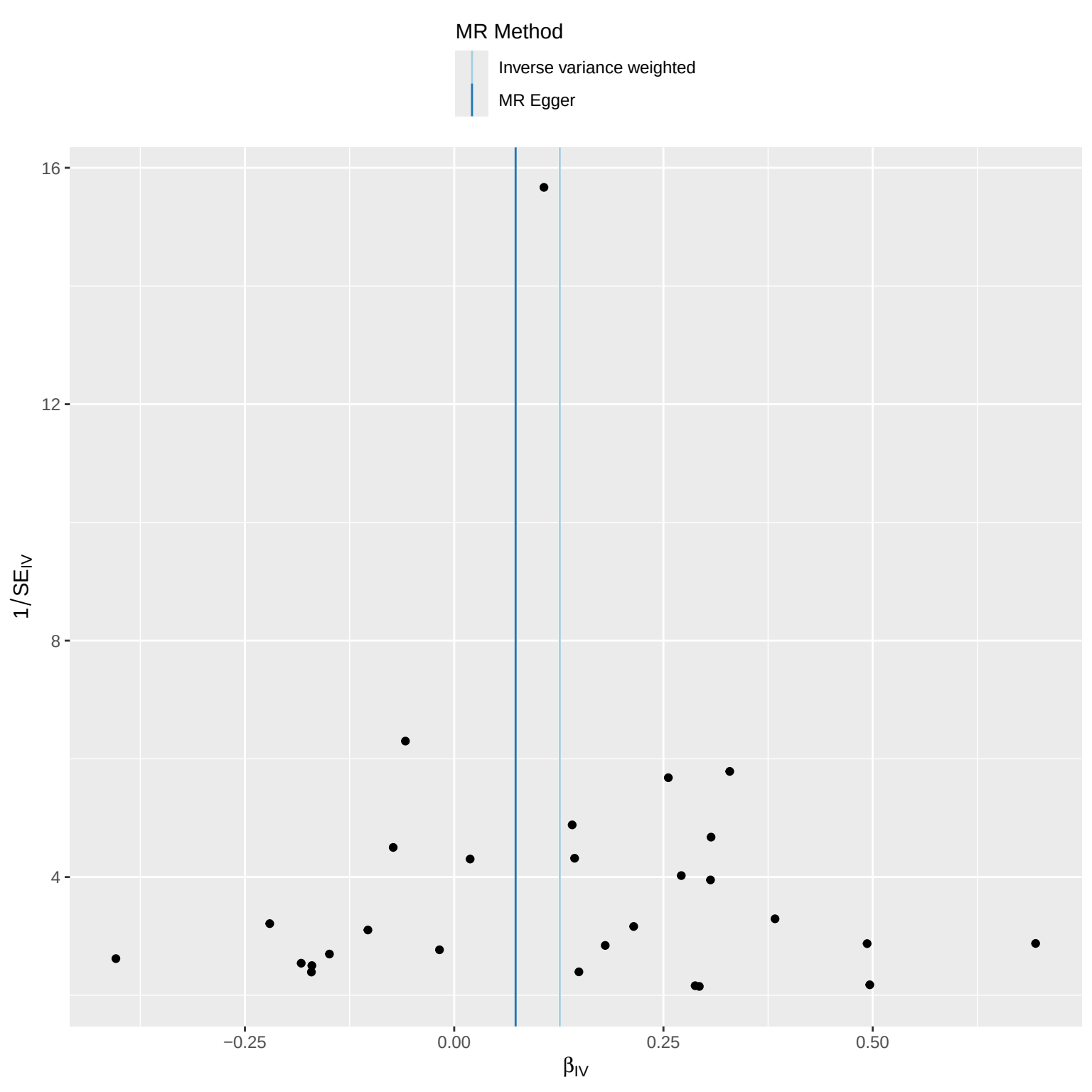

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−0.8
−0.6
−0.4
−0.2
β_IV

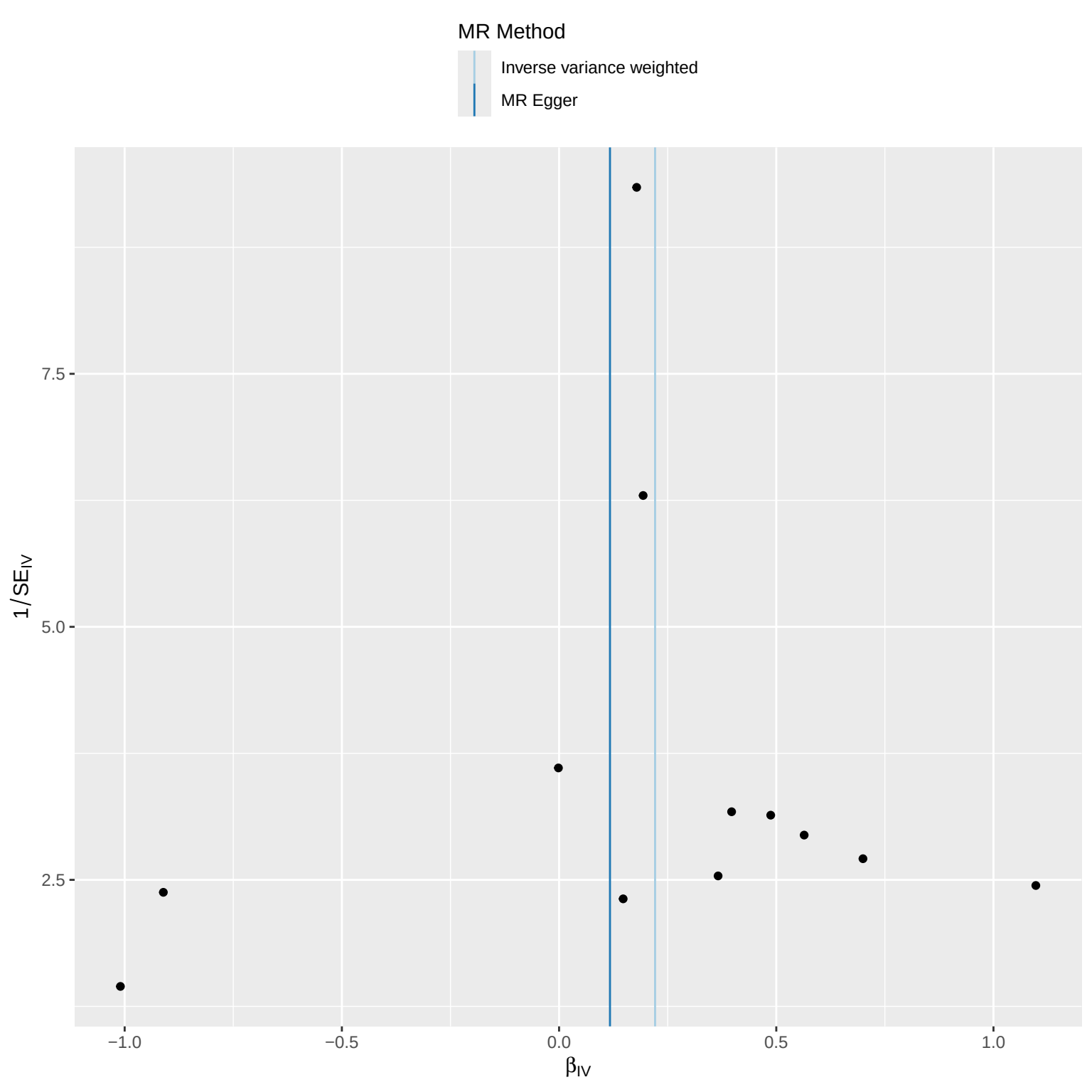

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−0.8
−0.6
−0.4
−0.2
0.0
β_IV

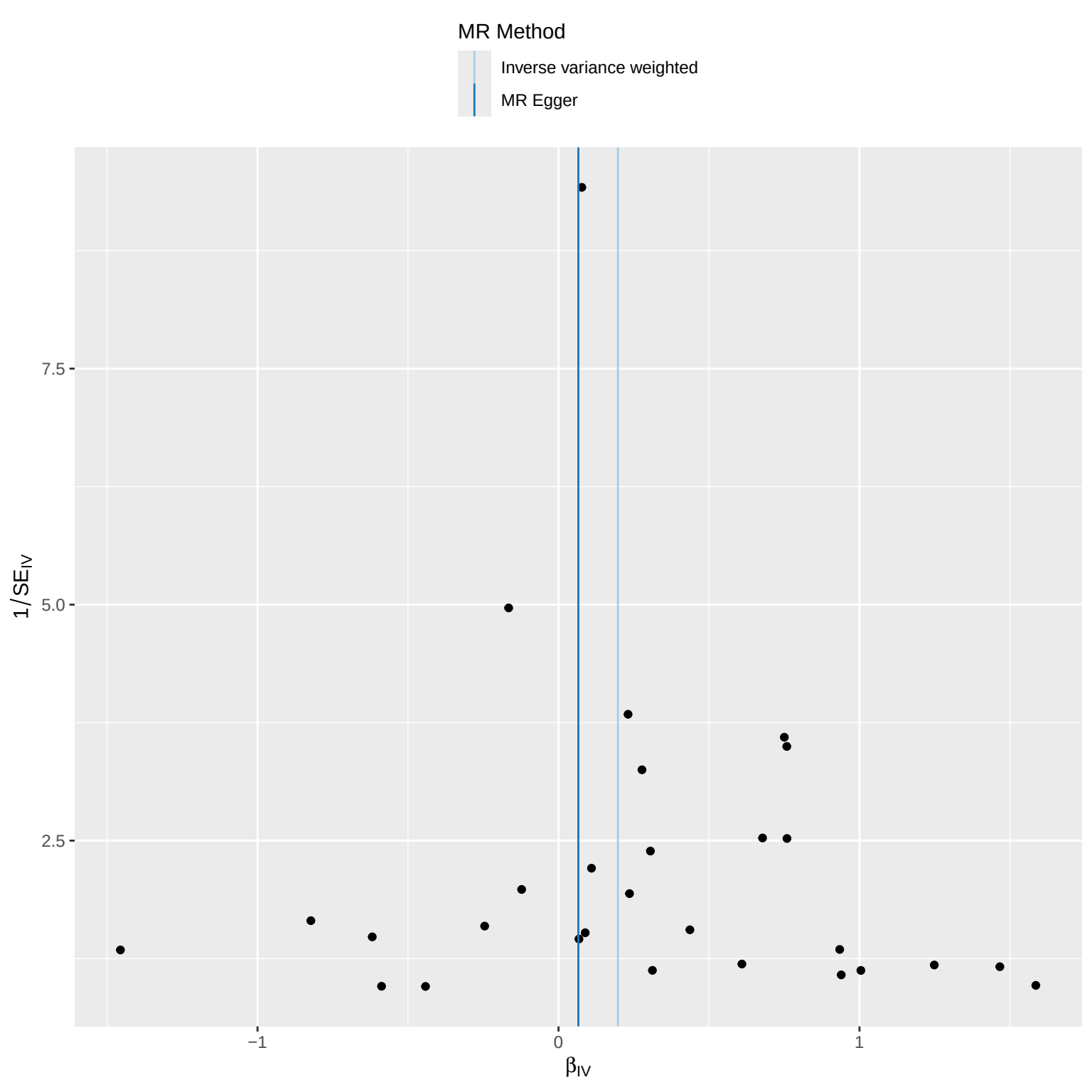

MR Method
Inverse variance weighted
MR Egger
9
7
5
1/SE_IV
−0.4
−0.2
0.0
0.2
β_IV

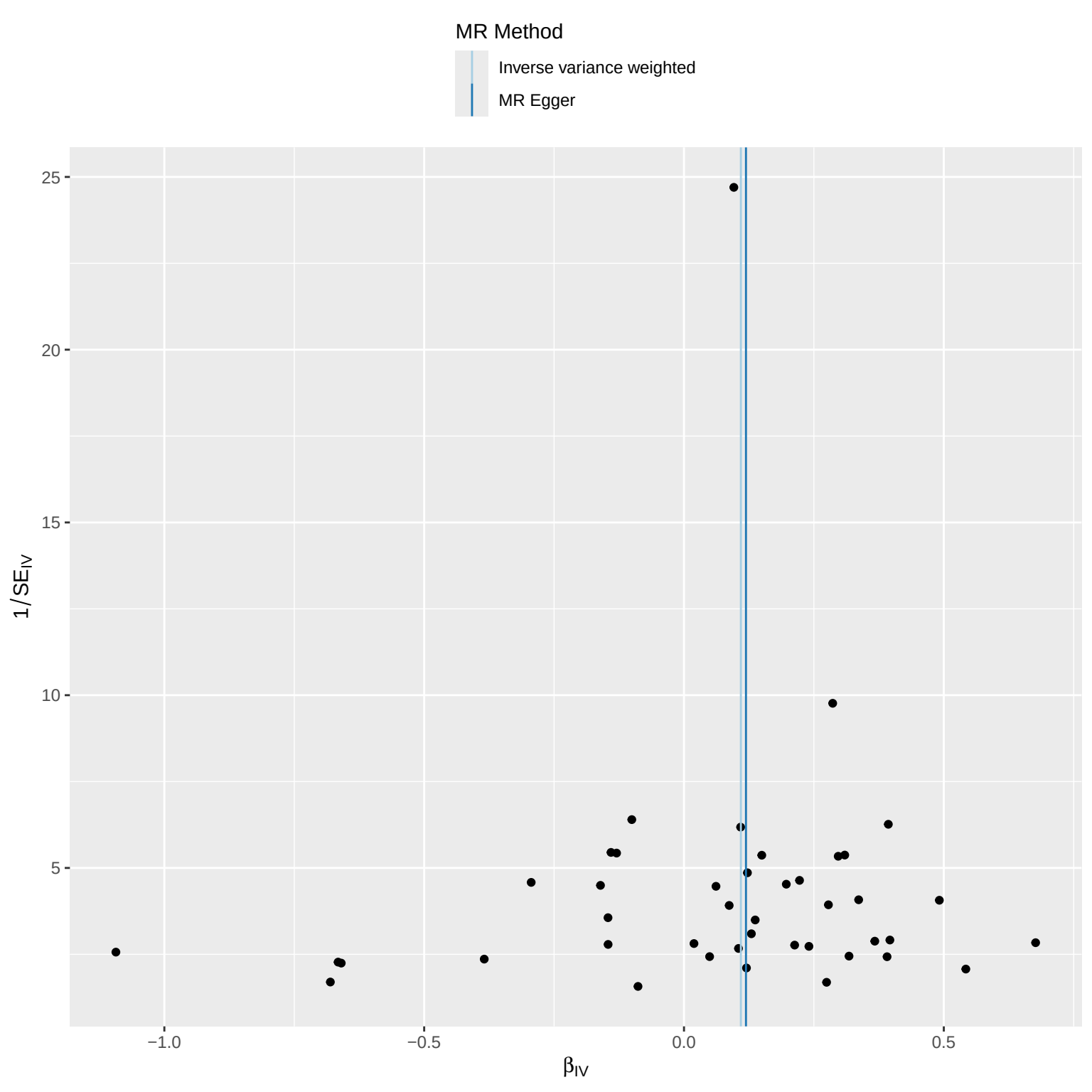

MR Method
Inverse variance weighted
MR Egger
20
15
10
5
0
1/SE_IV
−1.0
−0.5
0.0
β_IV

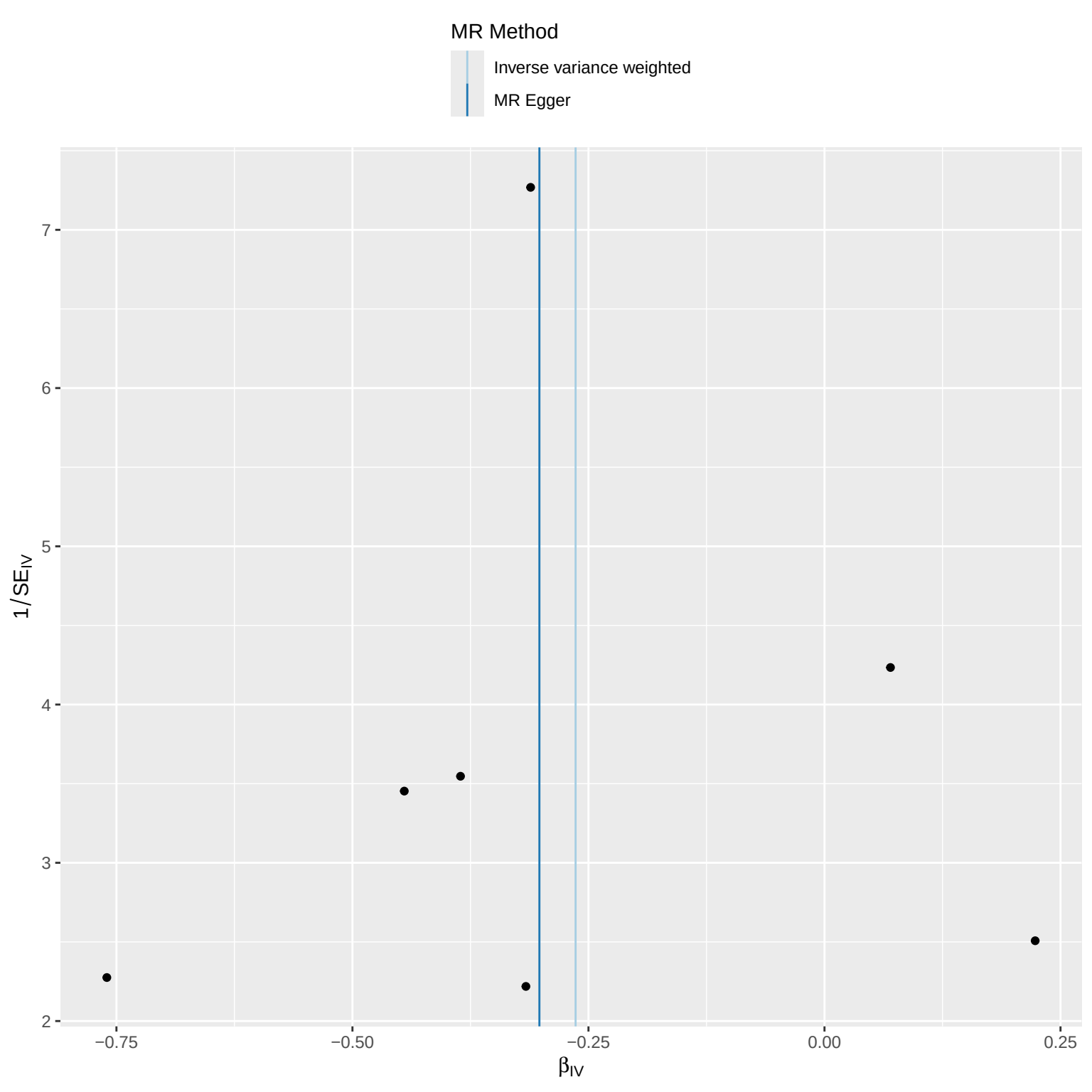

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.5
0.0
0.5
β_IV

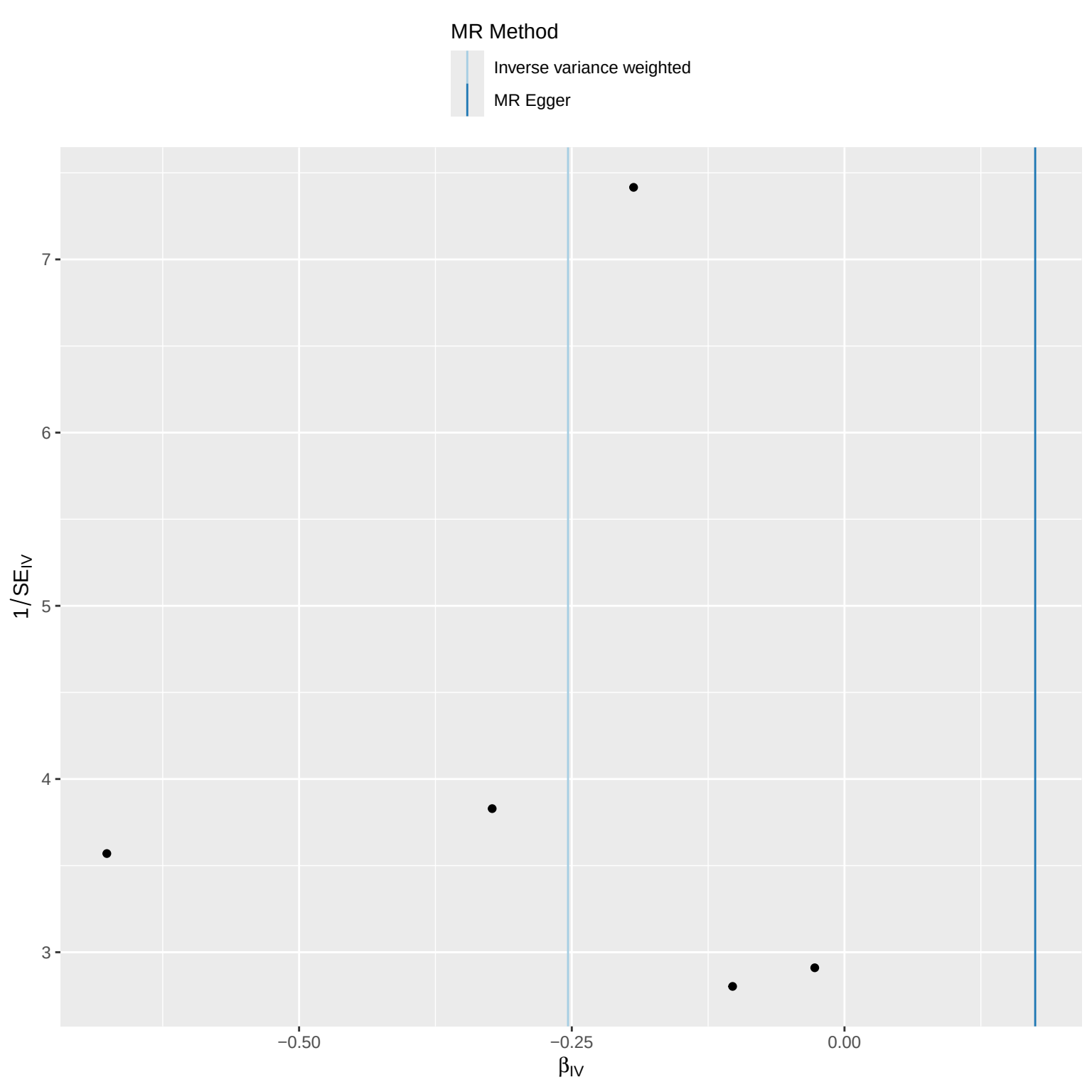

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

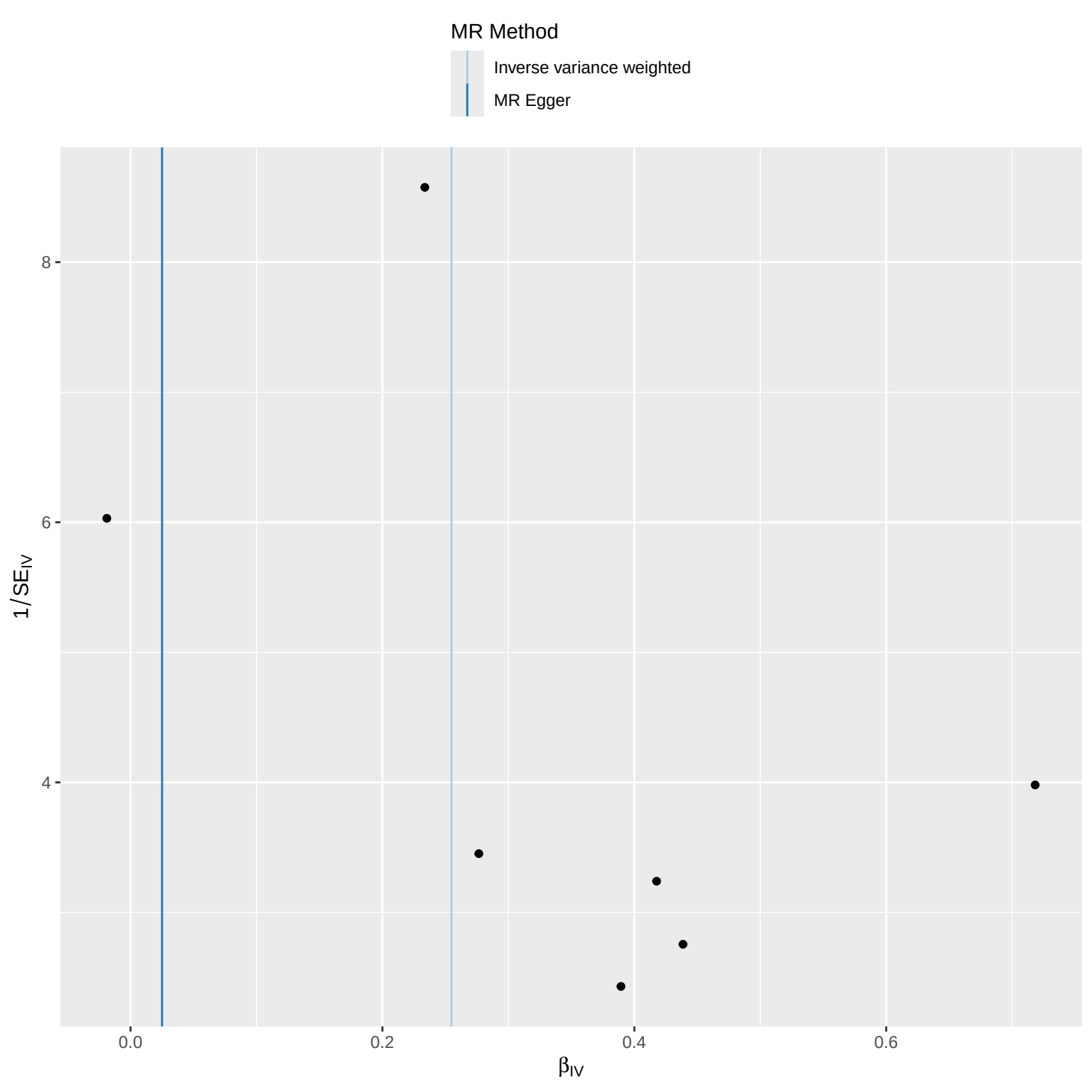

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

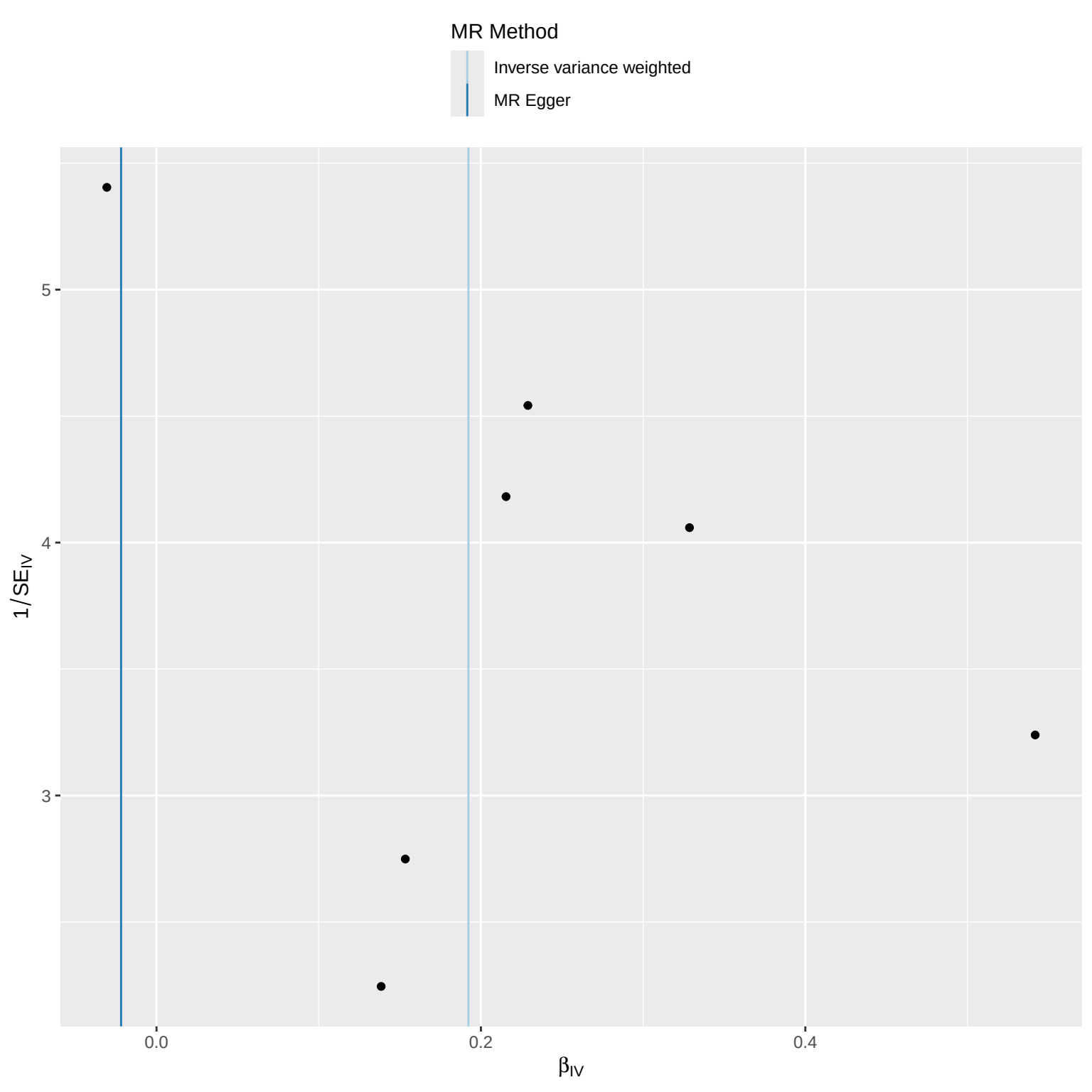

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

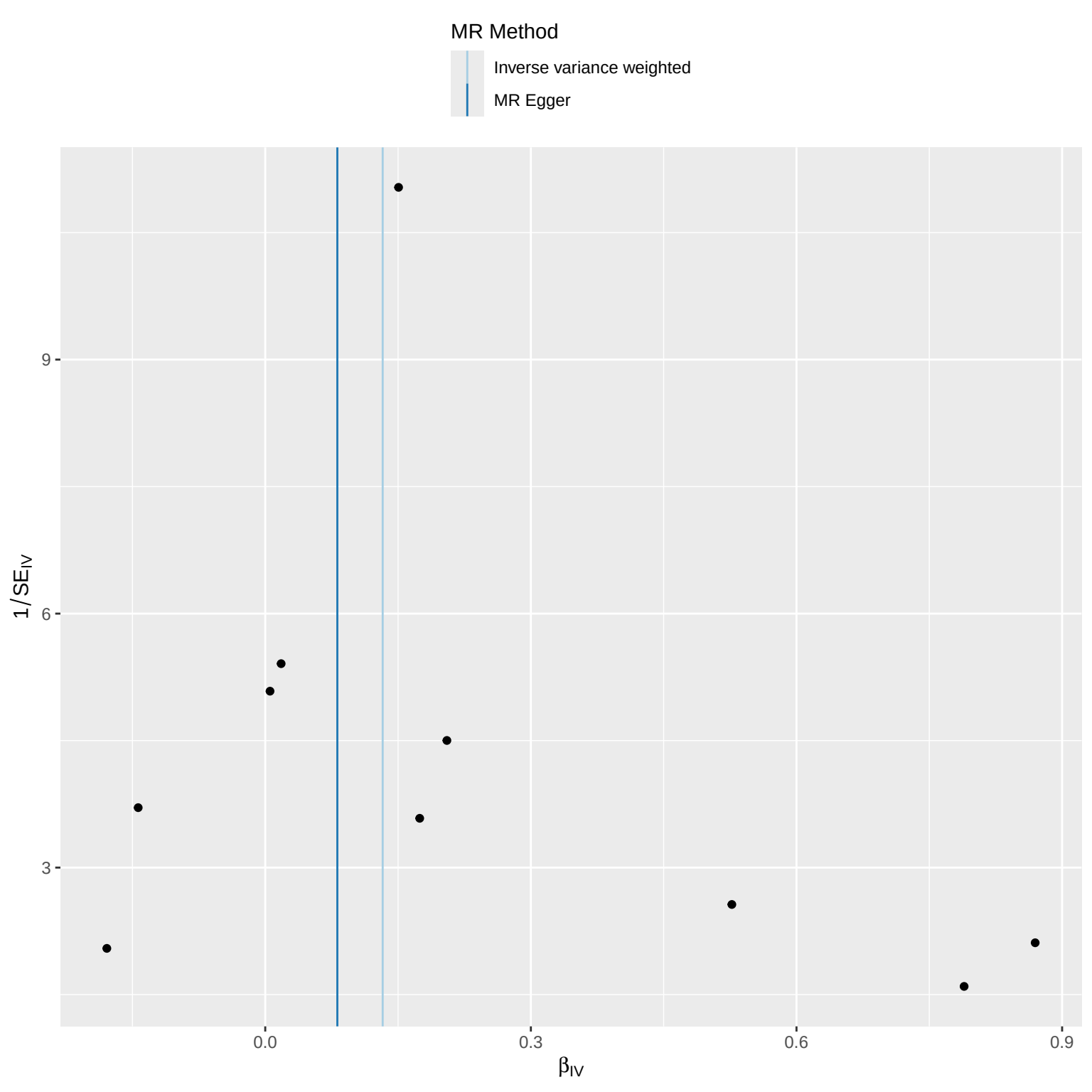

MR Method
Inverse variance weighted
MR Egger
25
20
15
10
5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

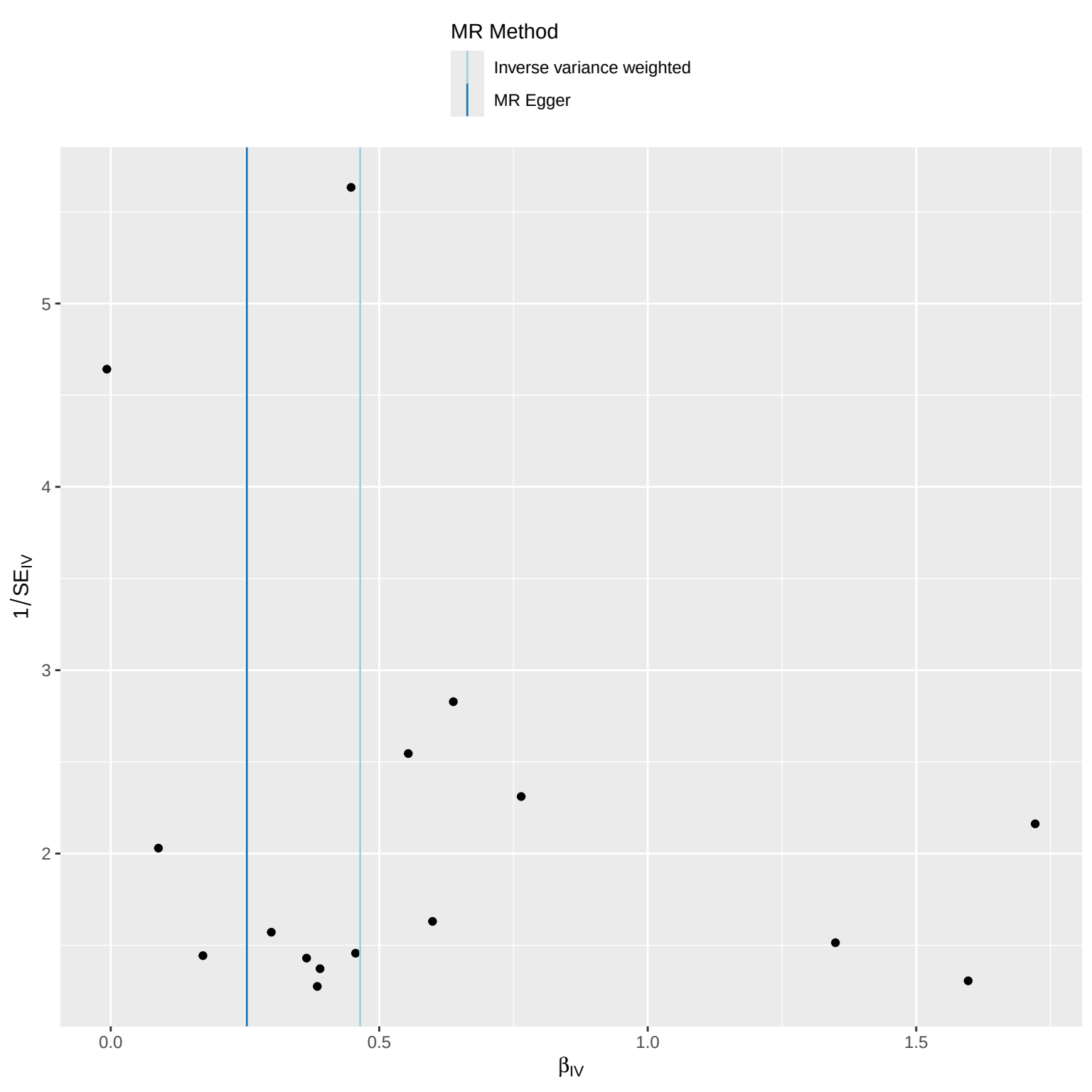

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−0.75
−0.50
−0.25
0.00
0.25
β_IV

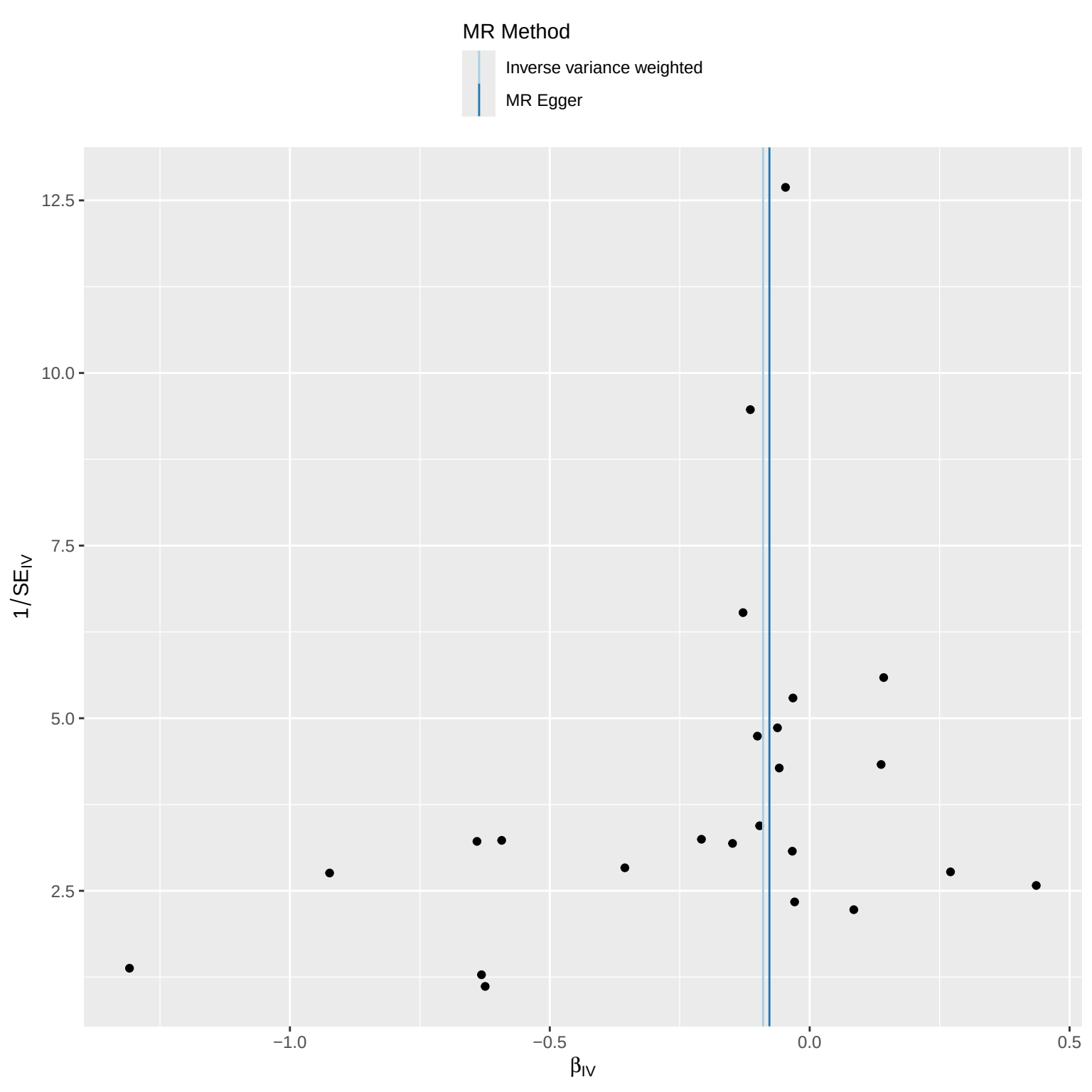

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
−0.50
−0.25
0.00
β_IV

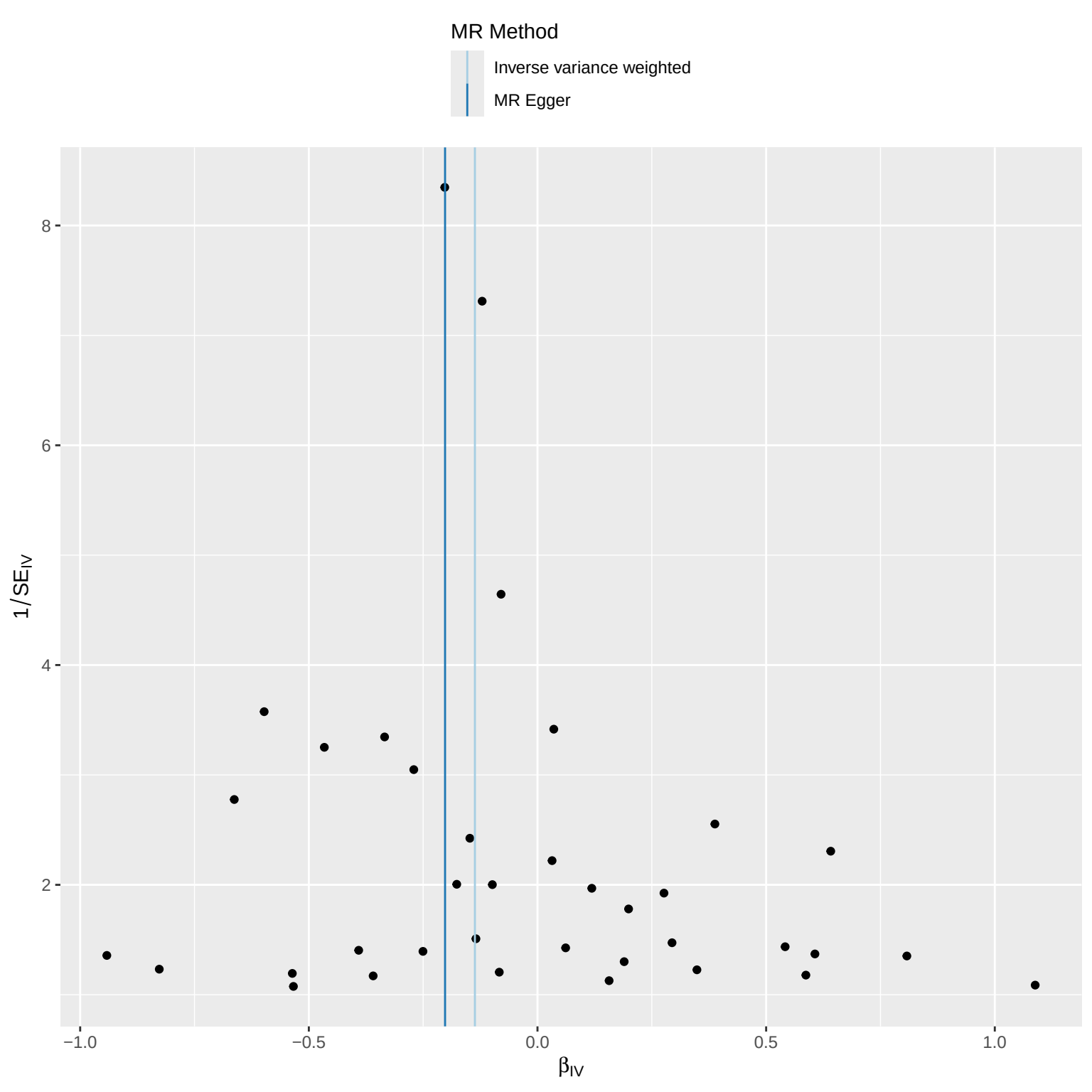

MR Method
Inverse variance weighted
MR Egger
8
6
4
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

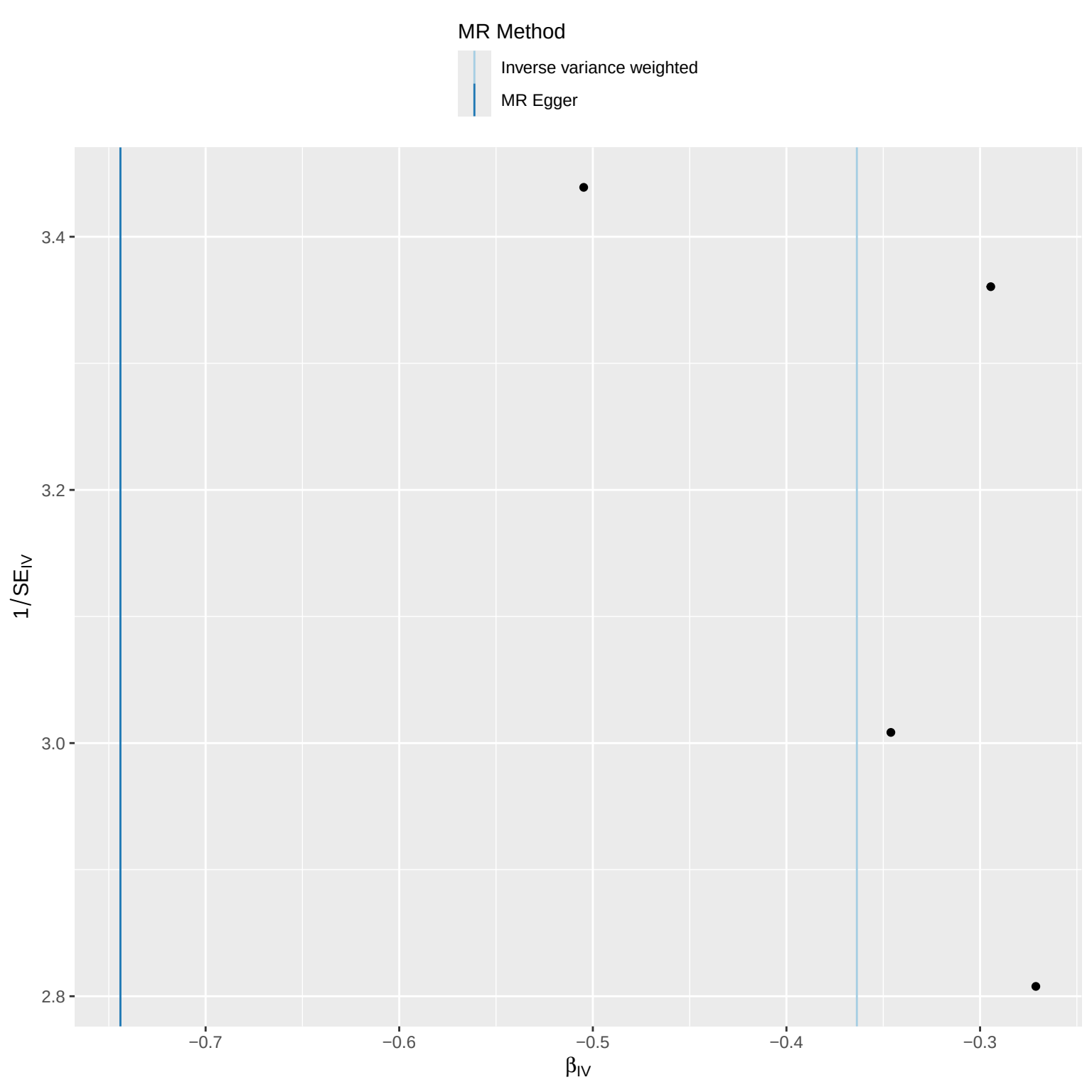

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
0.0
0.2
0.4
β_IV

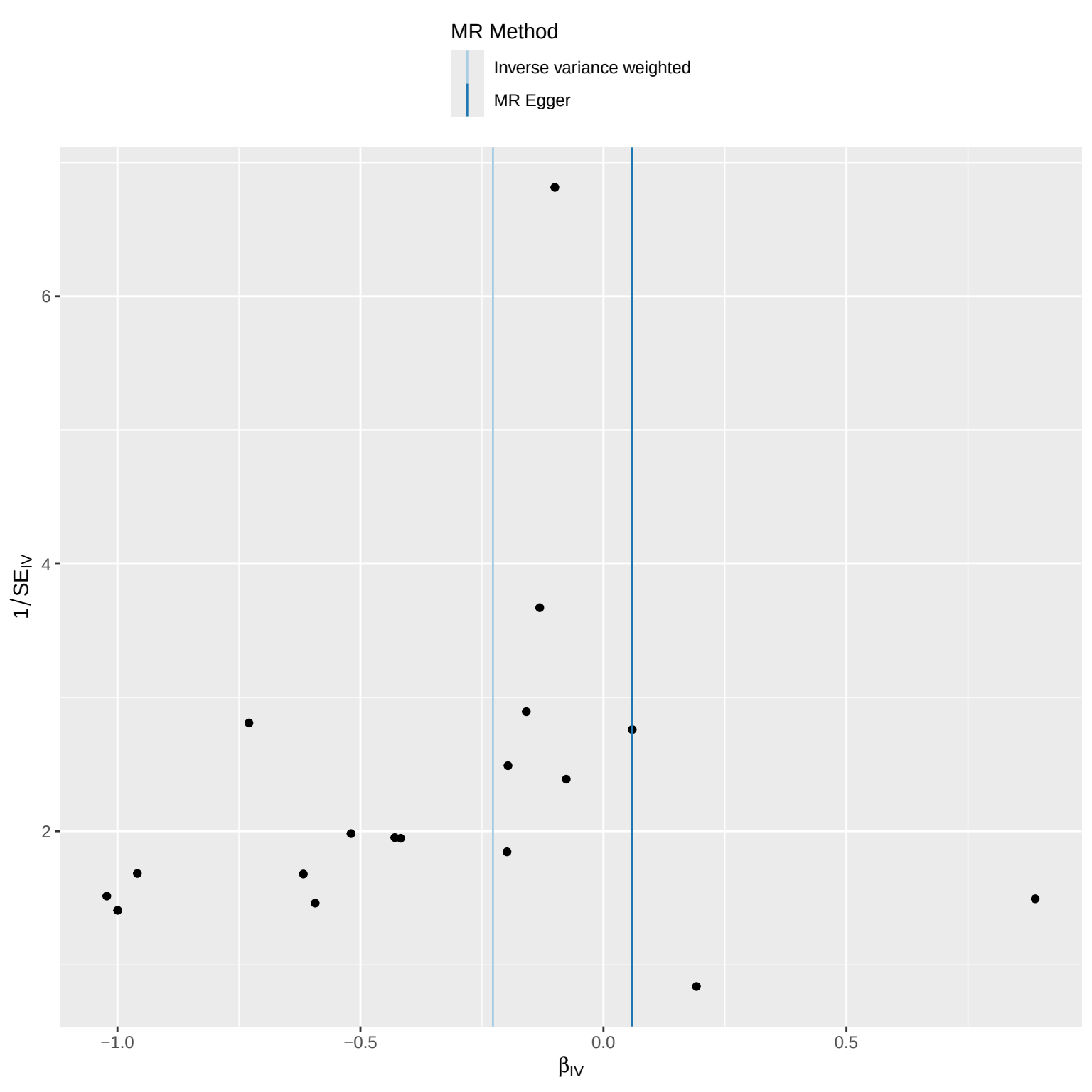

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
0.0
0.3
0.6
0.9
β_IV

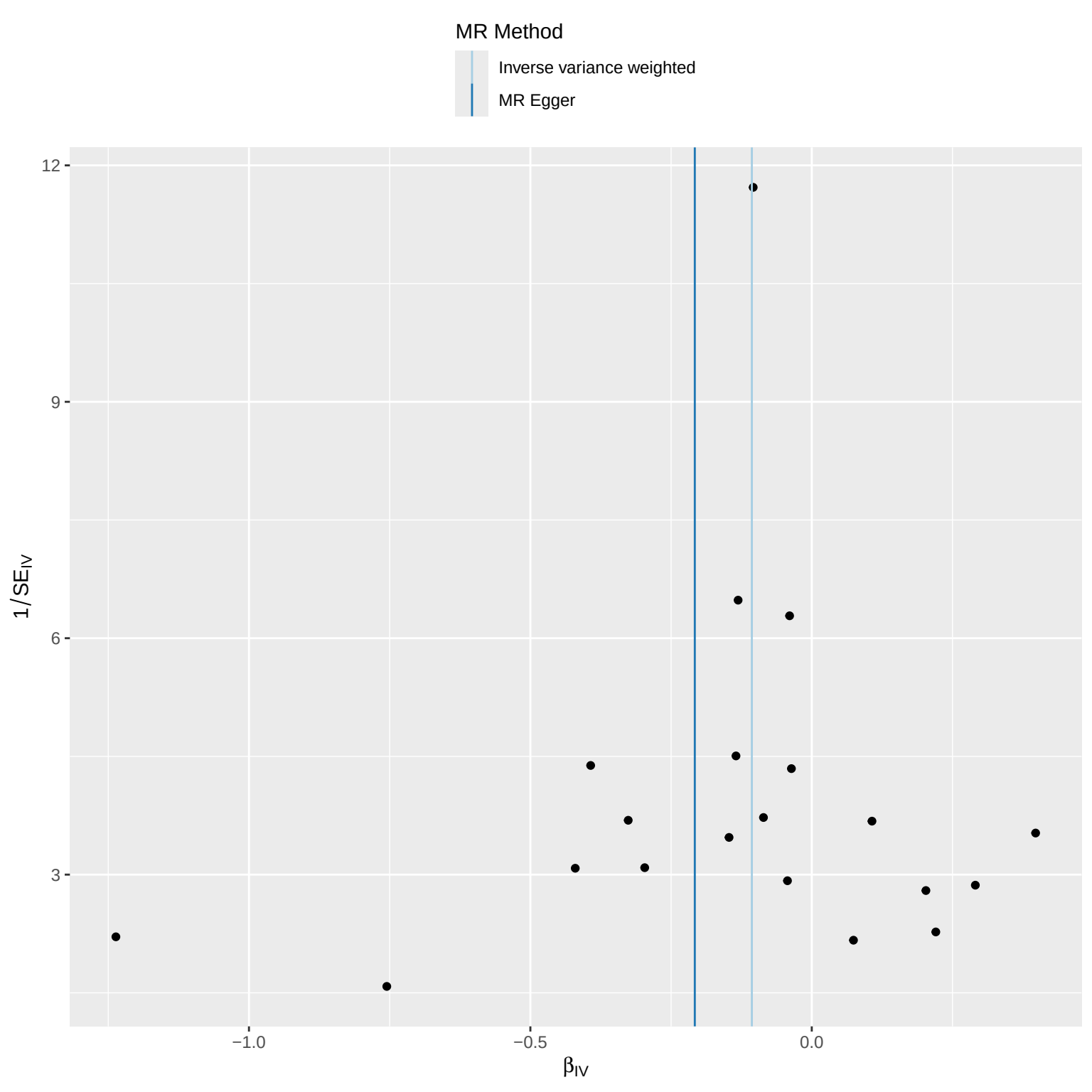

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

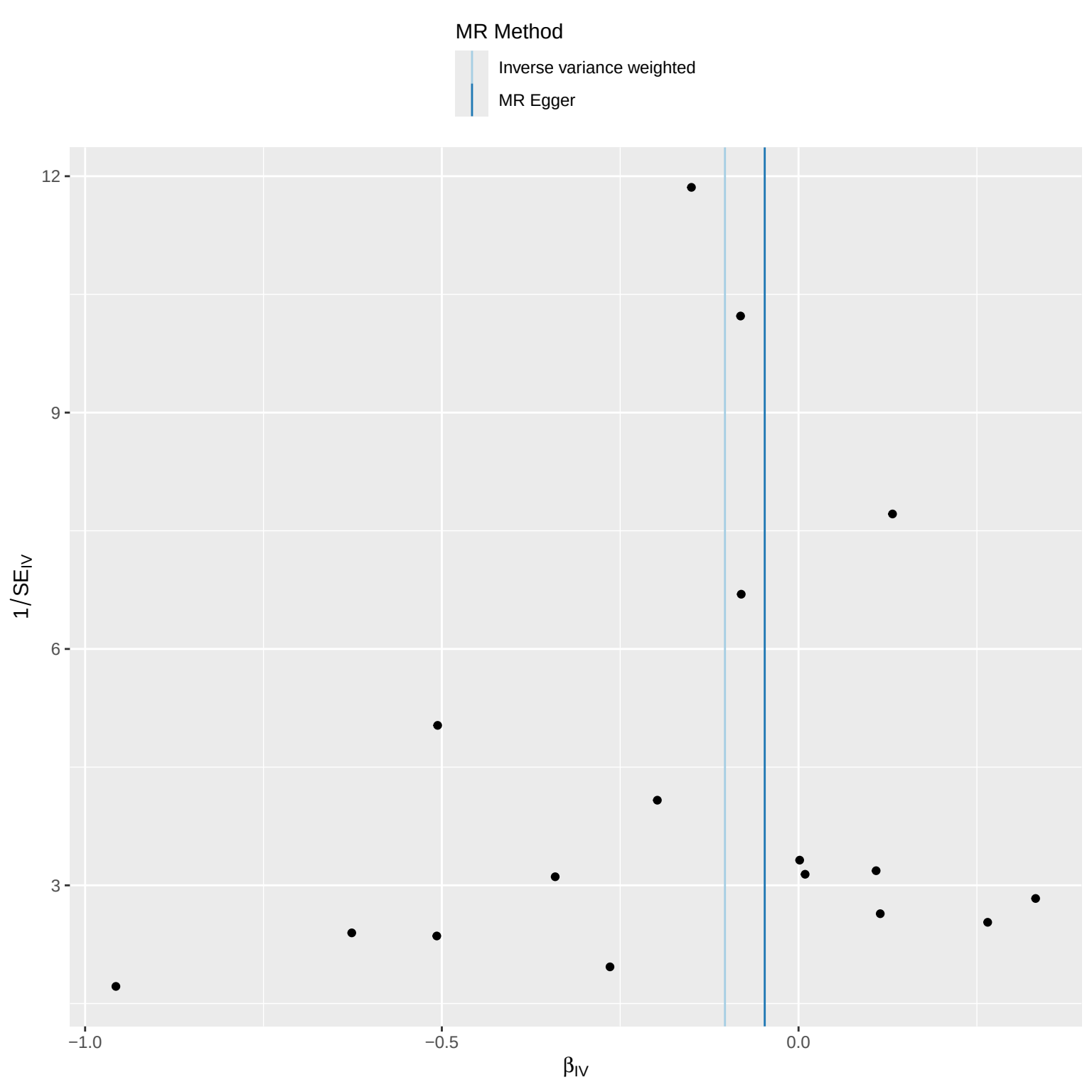

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

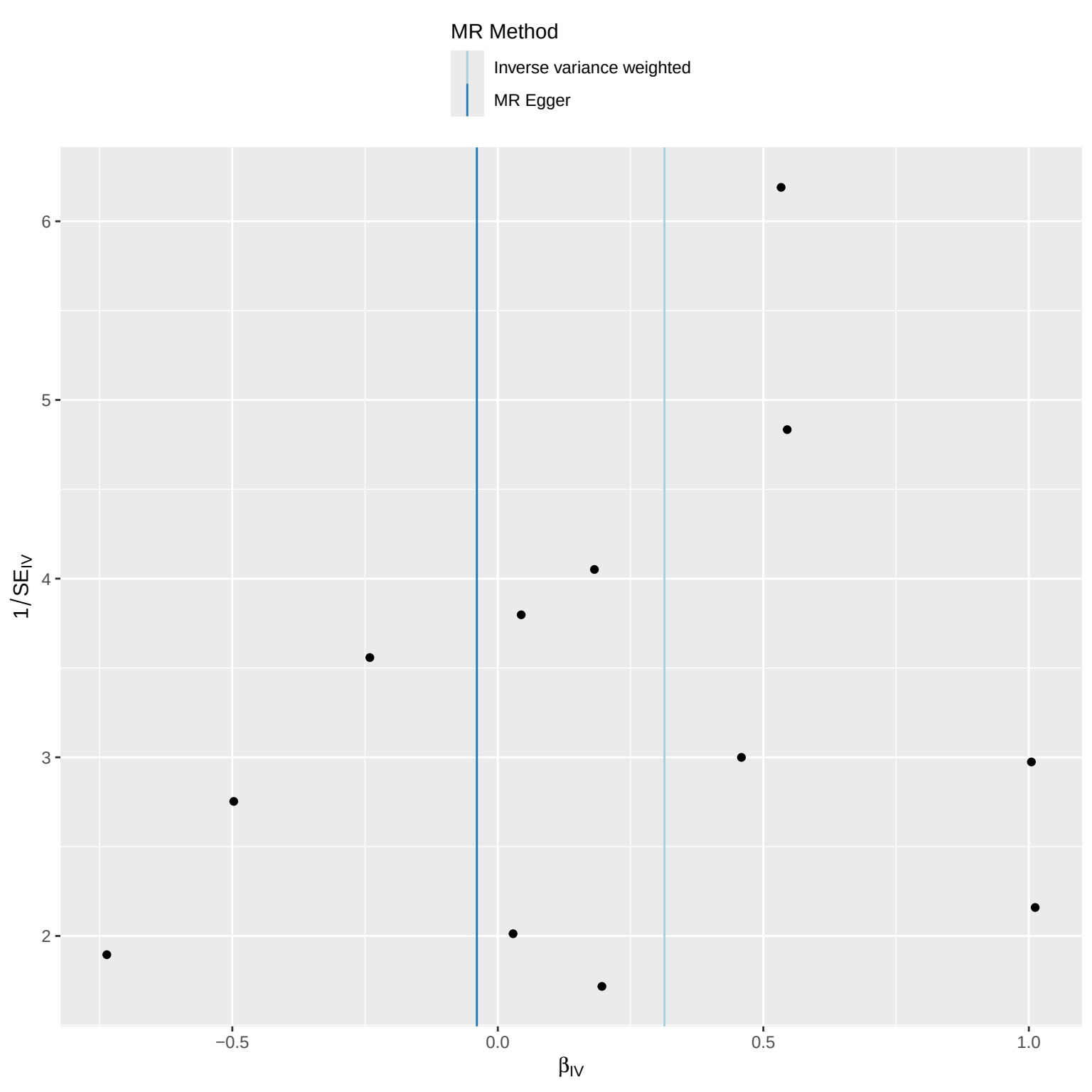

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

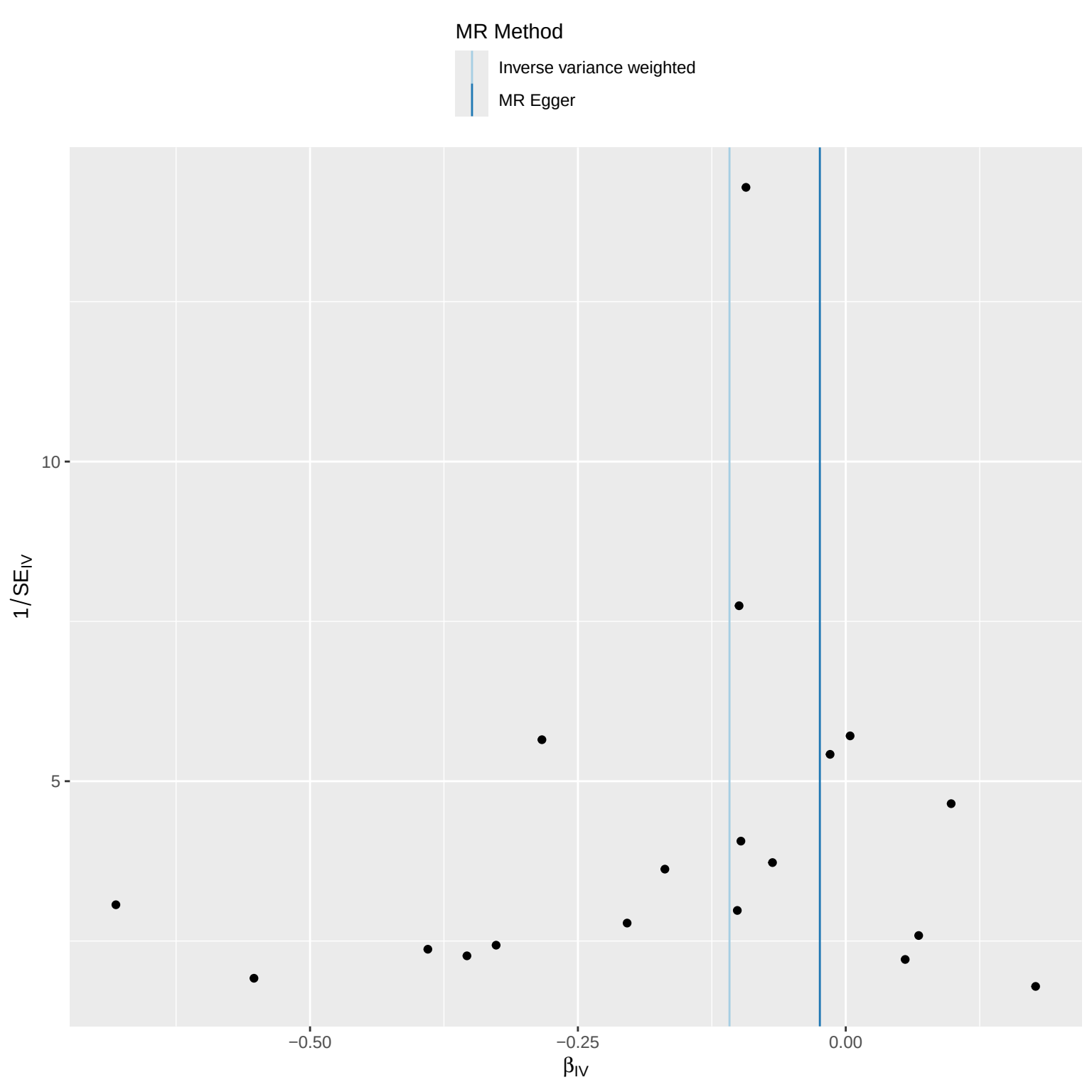

MR Method
Inverse variance weighted
MR Egger
3.4
3.2
3.0
2.8
1/SE_IV
−0.7
−0.6
−0.5
−0.4
−0.3
β_IV

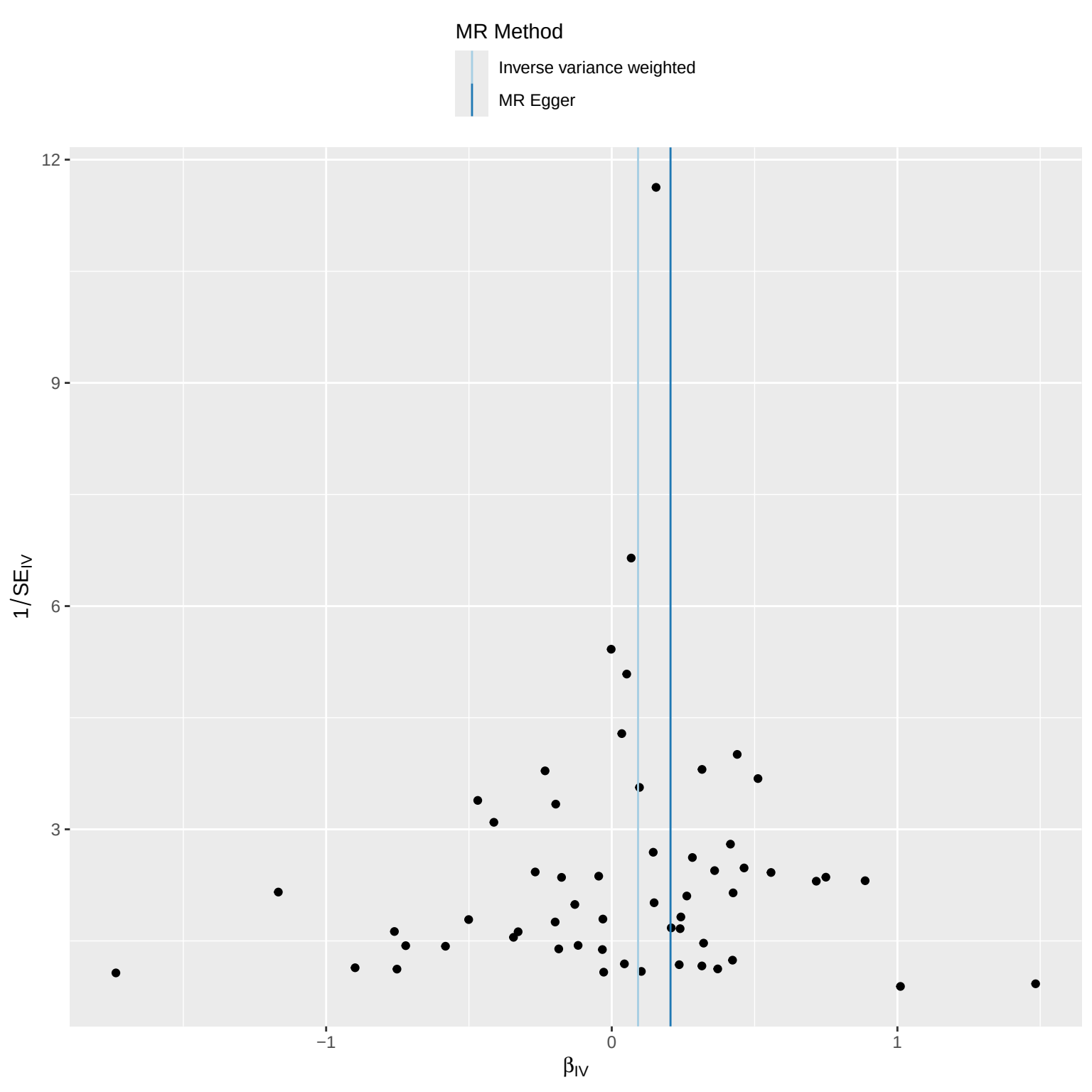

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

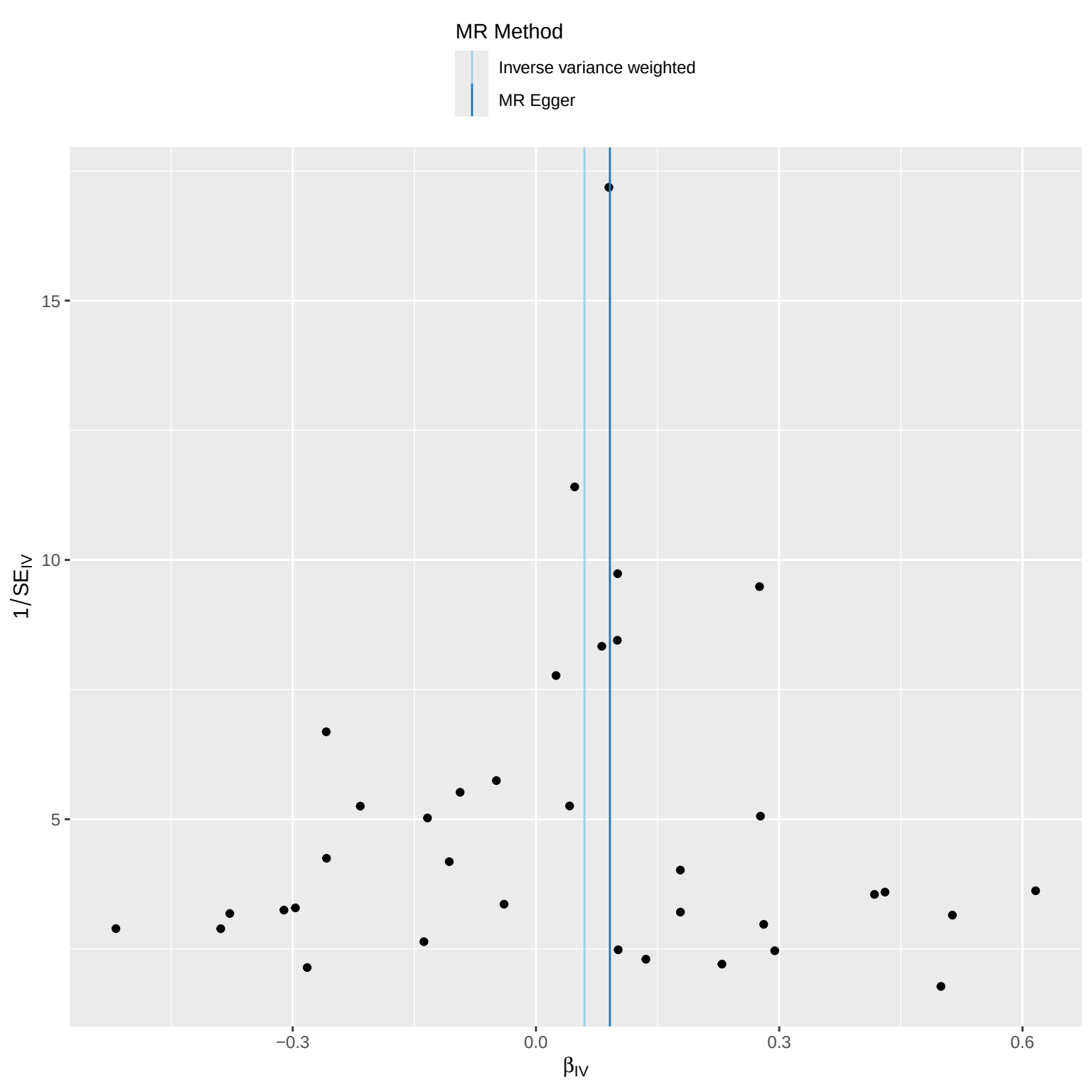

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−1.0
−0.5
0.0
β_IV

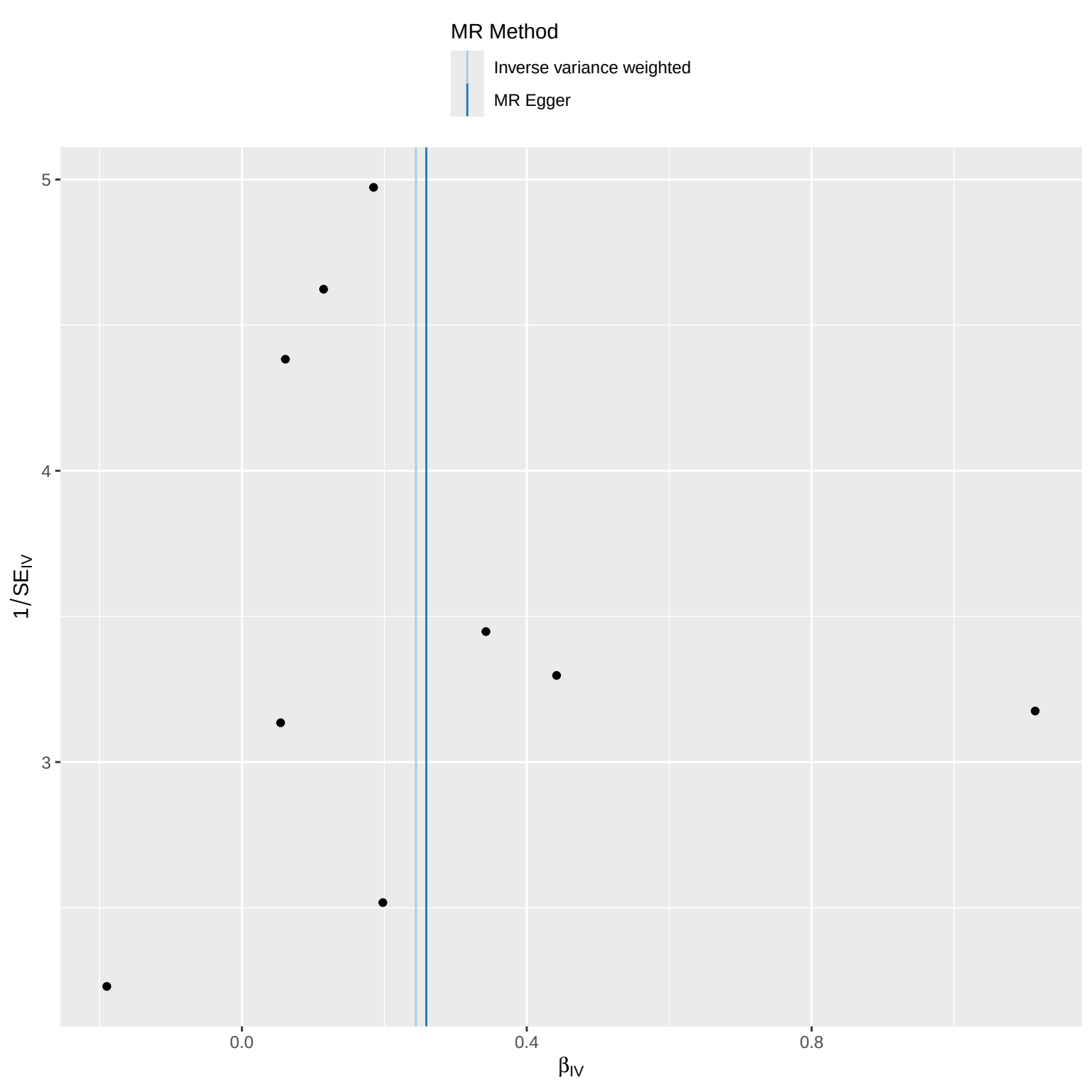

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−1.0
−0.5
0.0
β_IV

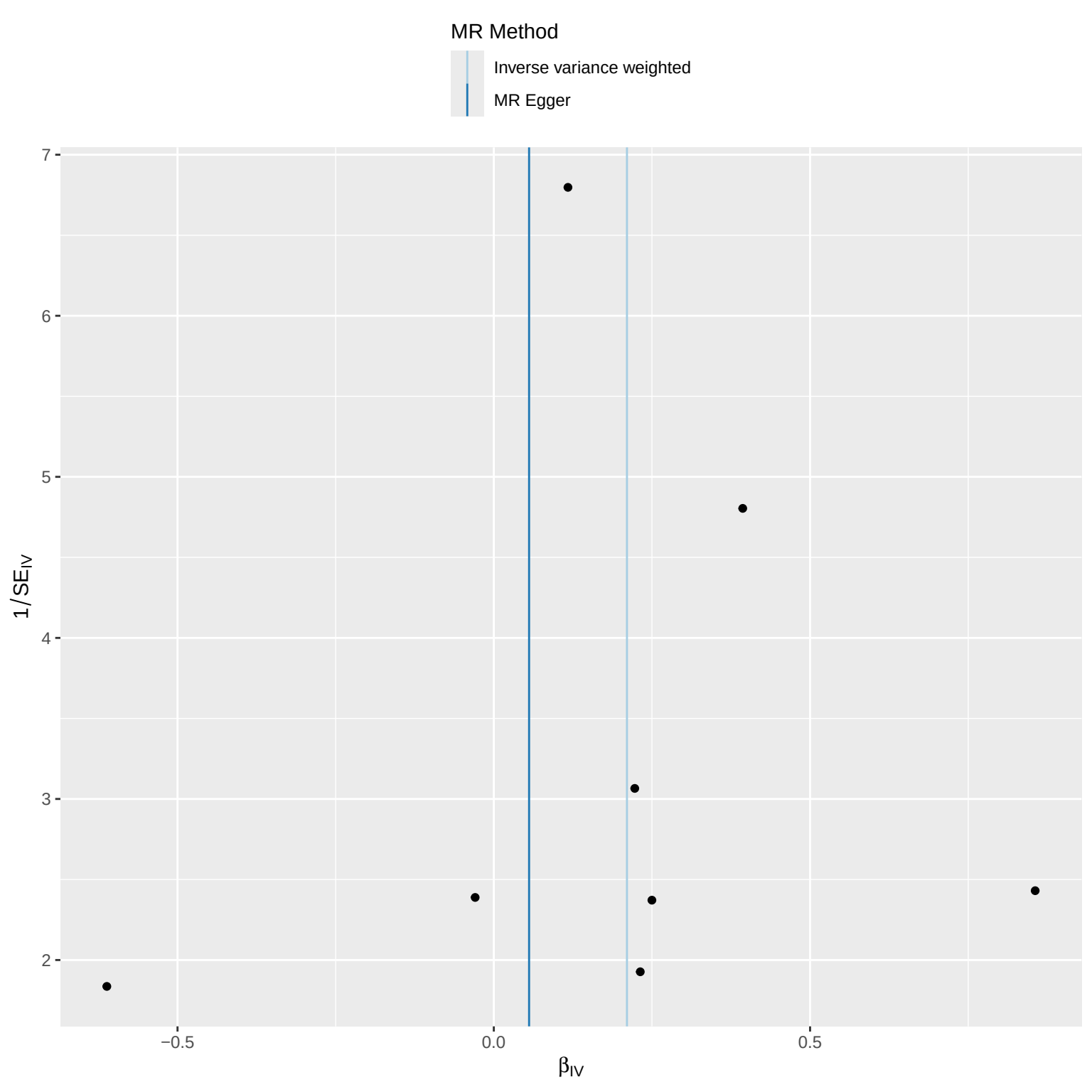

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

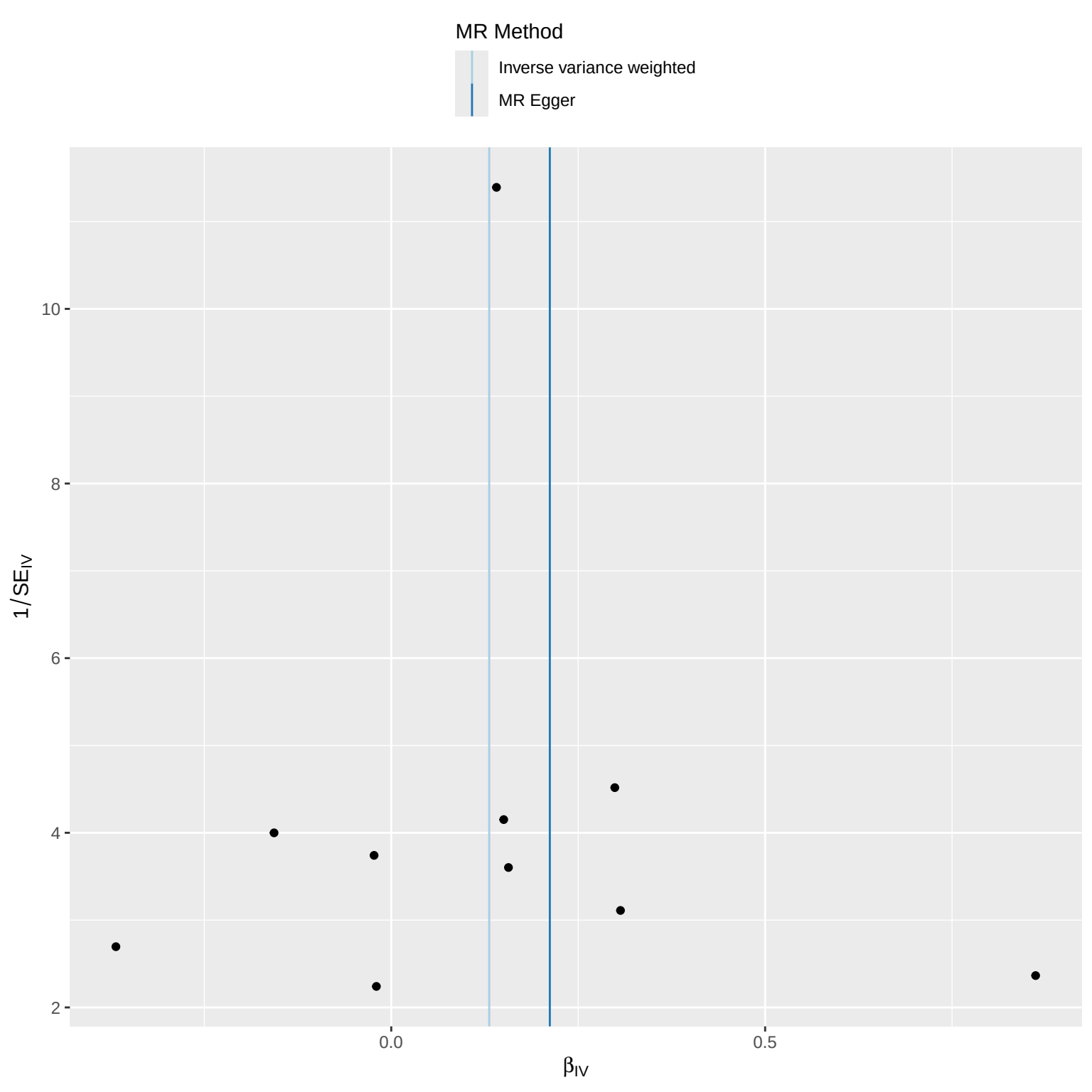

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.50
−0.25
0.00
β_IV

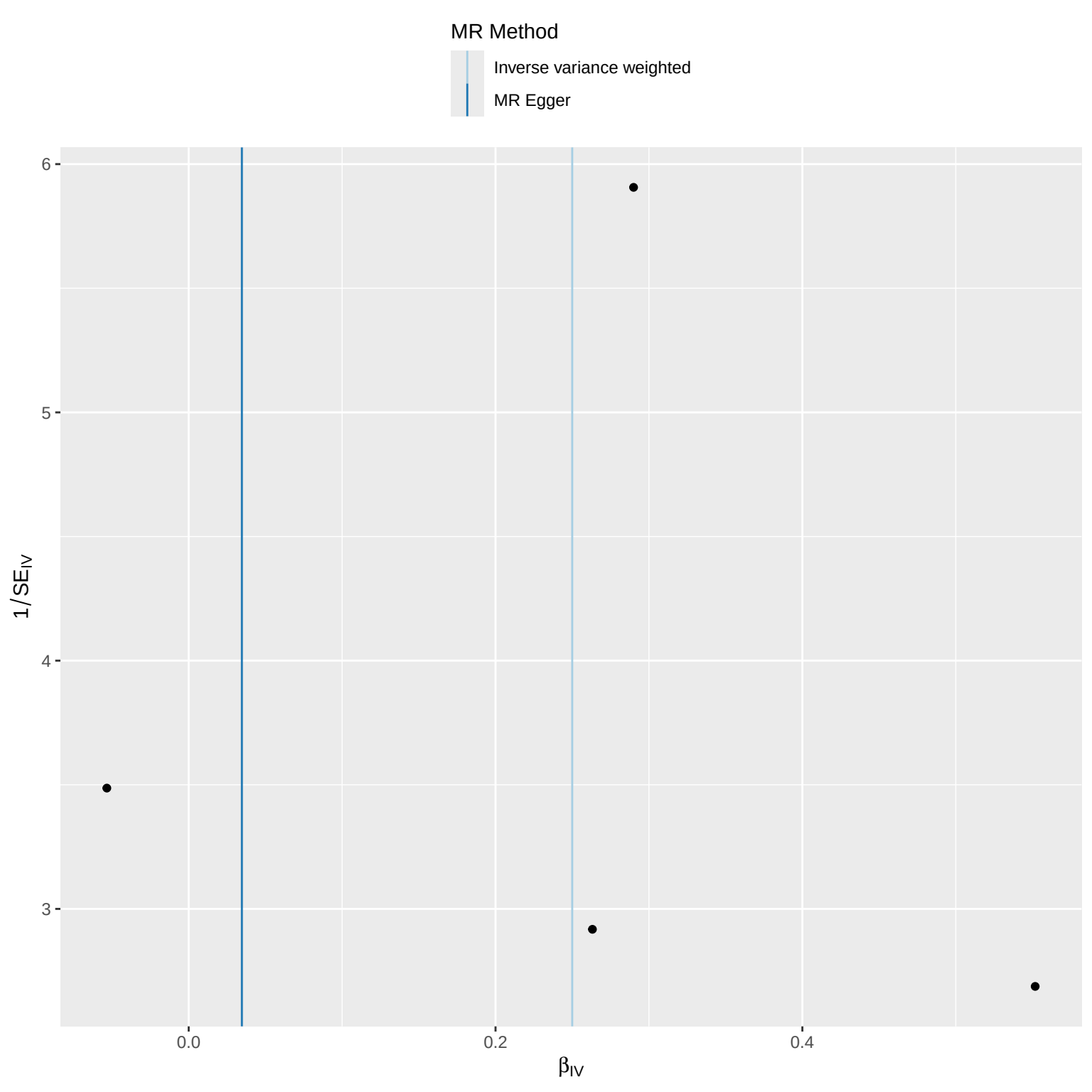

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−1
0
1
β_IV

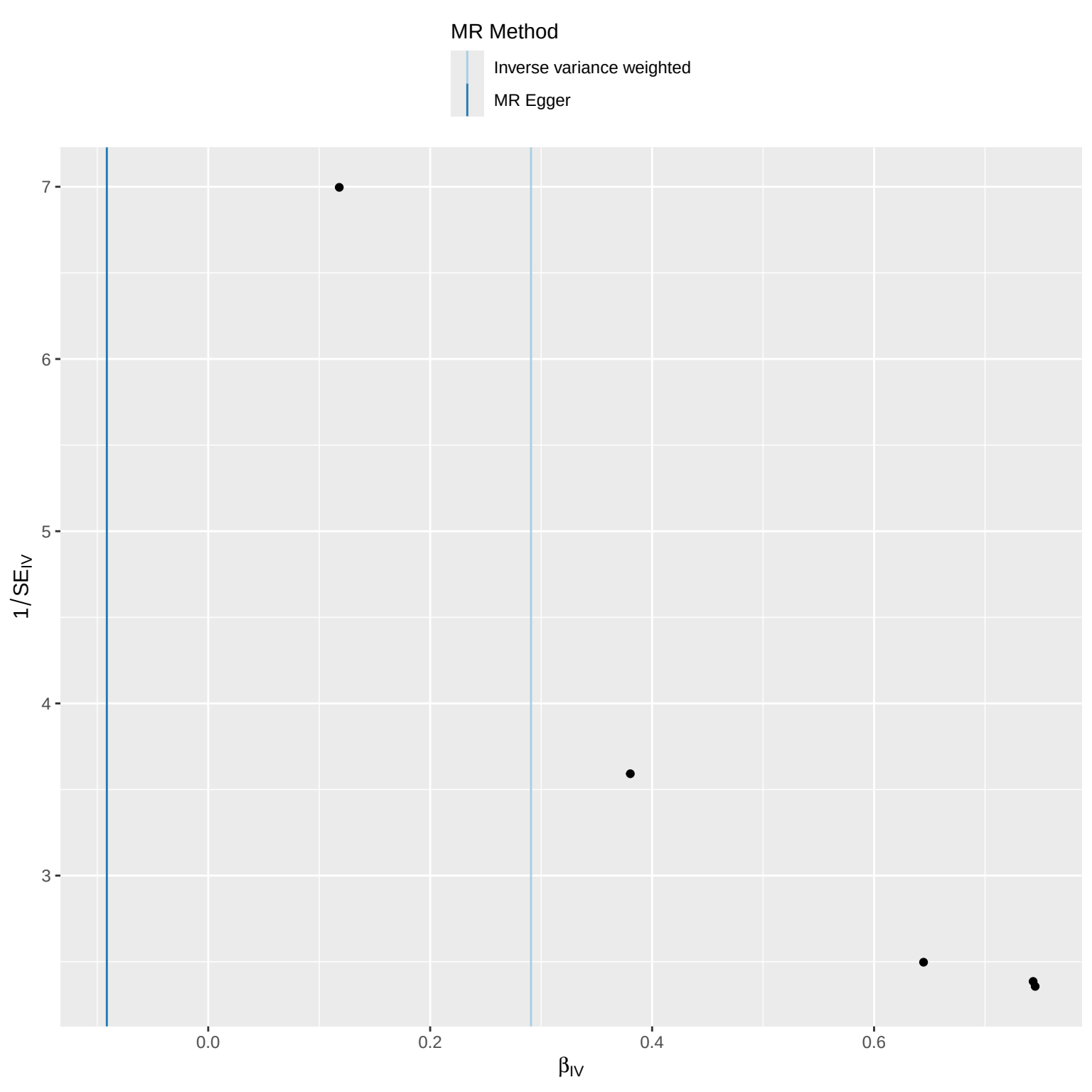

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.3
0.0
0.3
0.6
β_IV

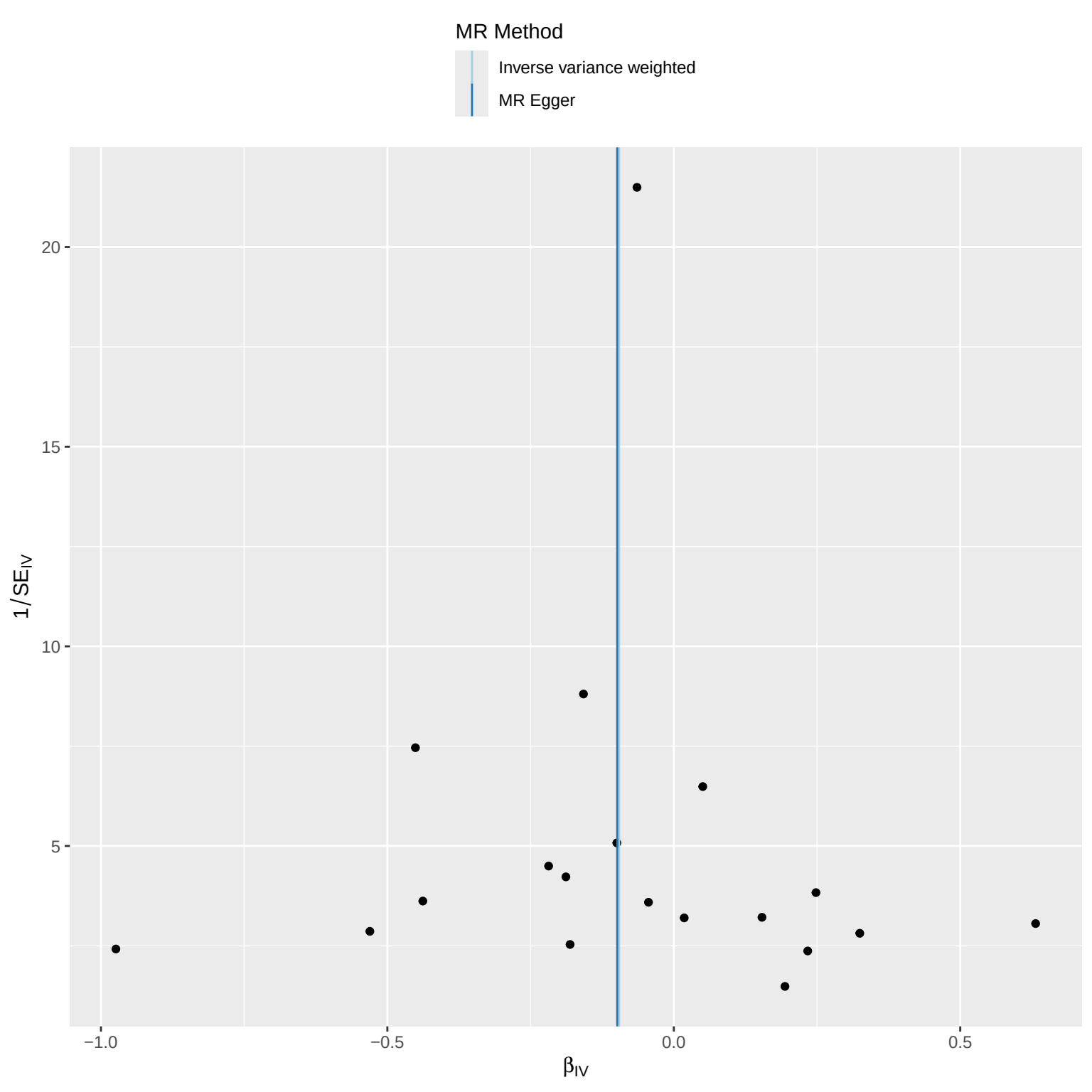

MR Method
Inverse variance weighted
MR Egger
5
4
3
1/SE_IV
0.0
0.4
0.8
β_IV

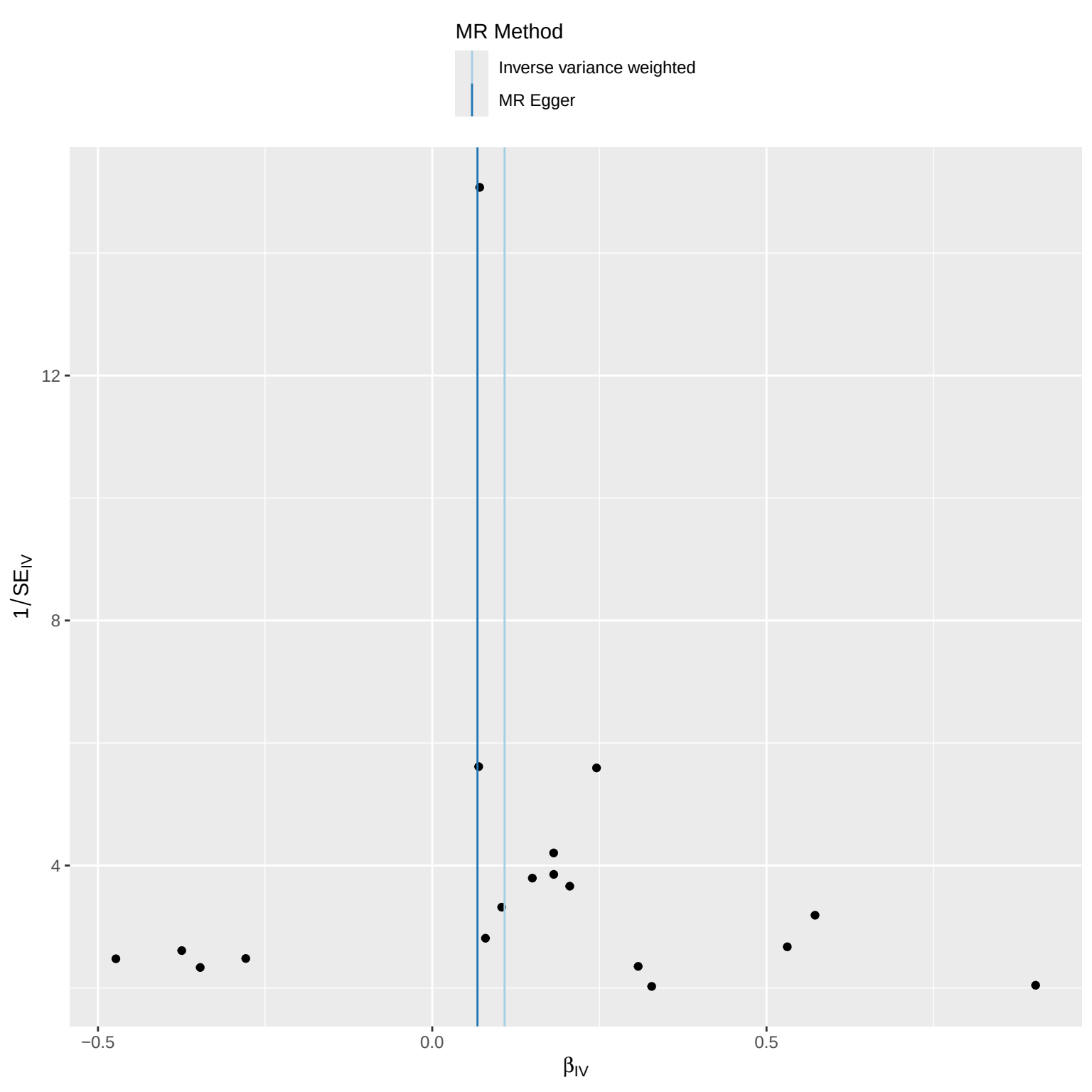

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−0.5
0.0
0.5
β_IV

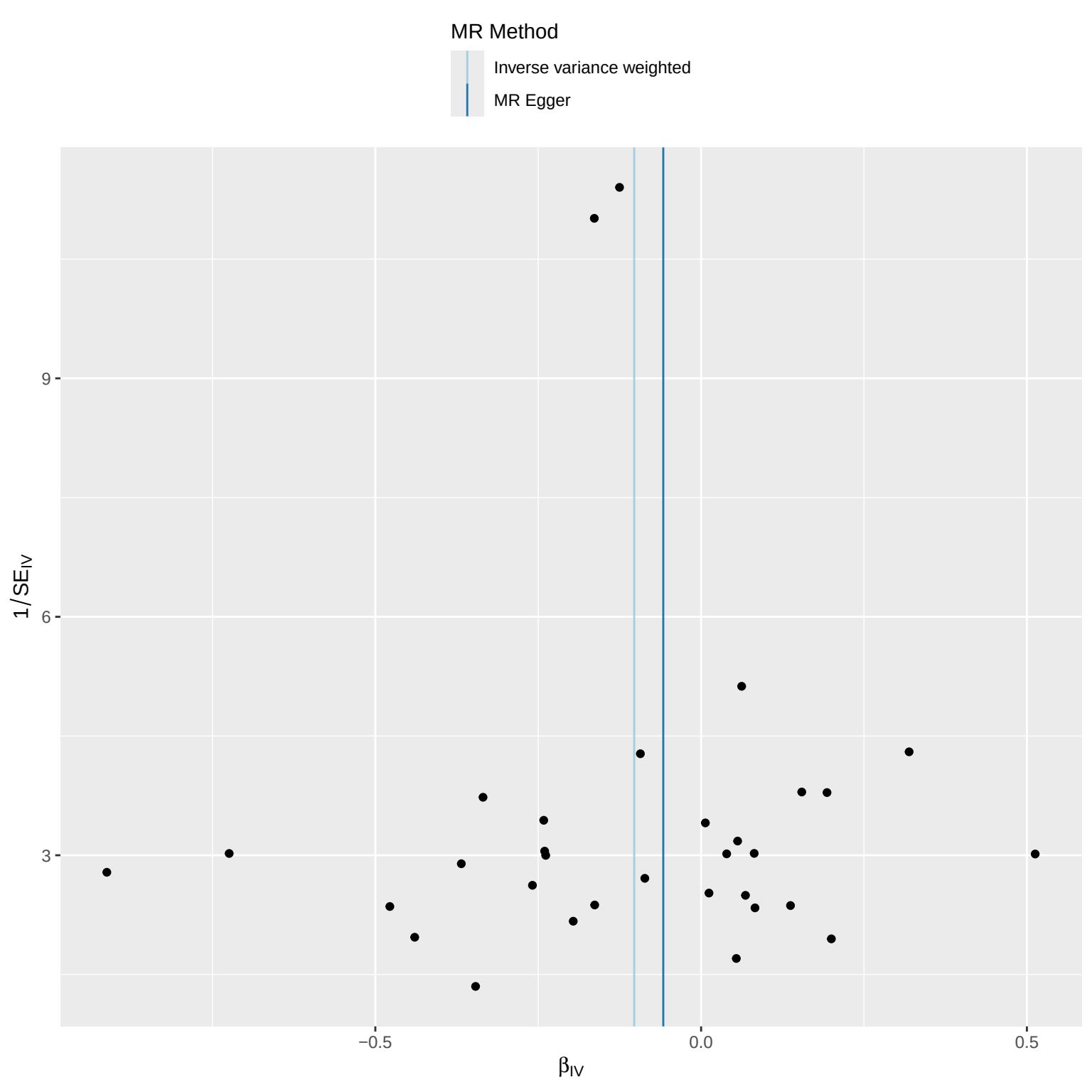

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
0.0
0.5
β_IV

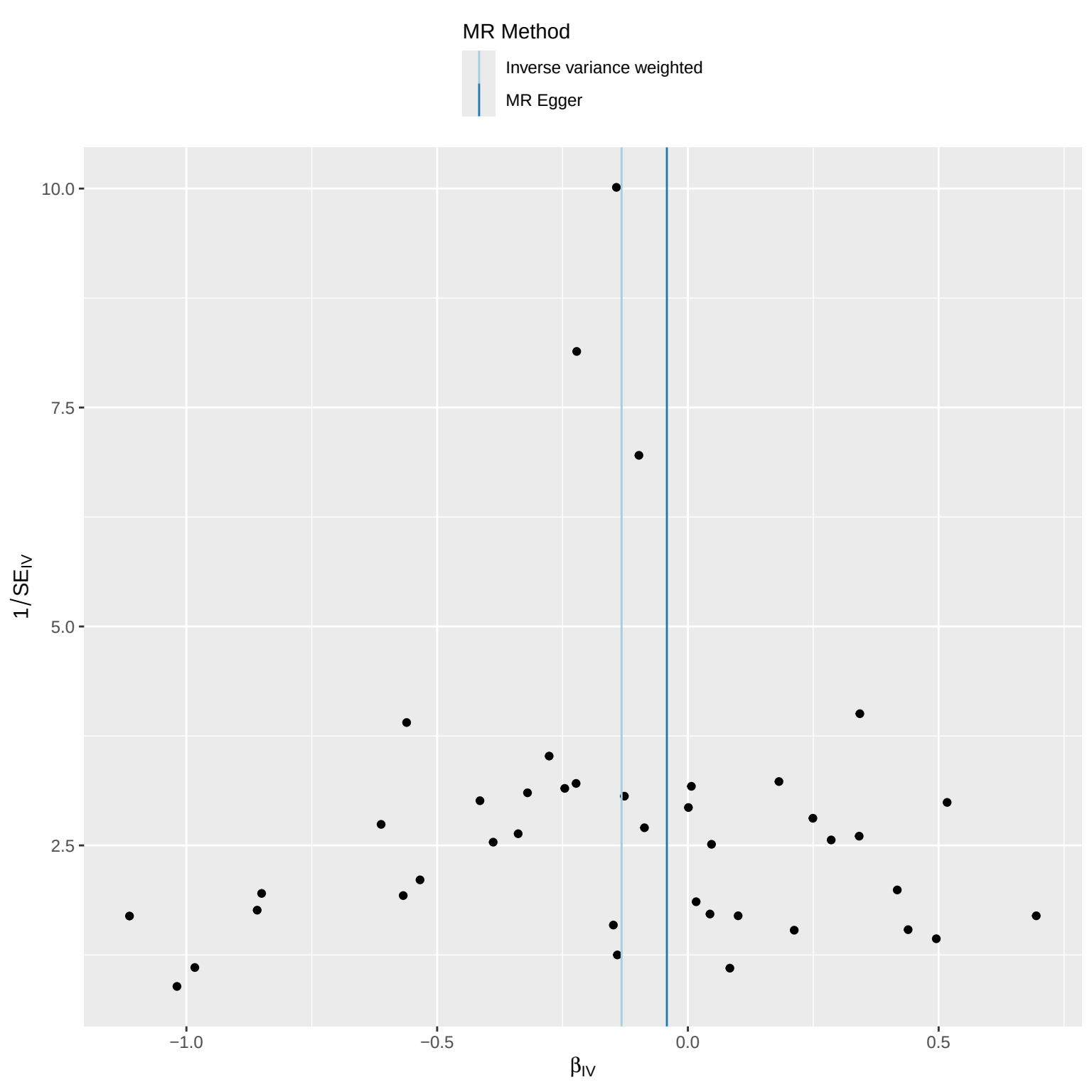

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
1/SE_IV
0.0
0.2
0.4
β_IV

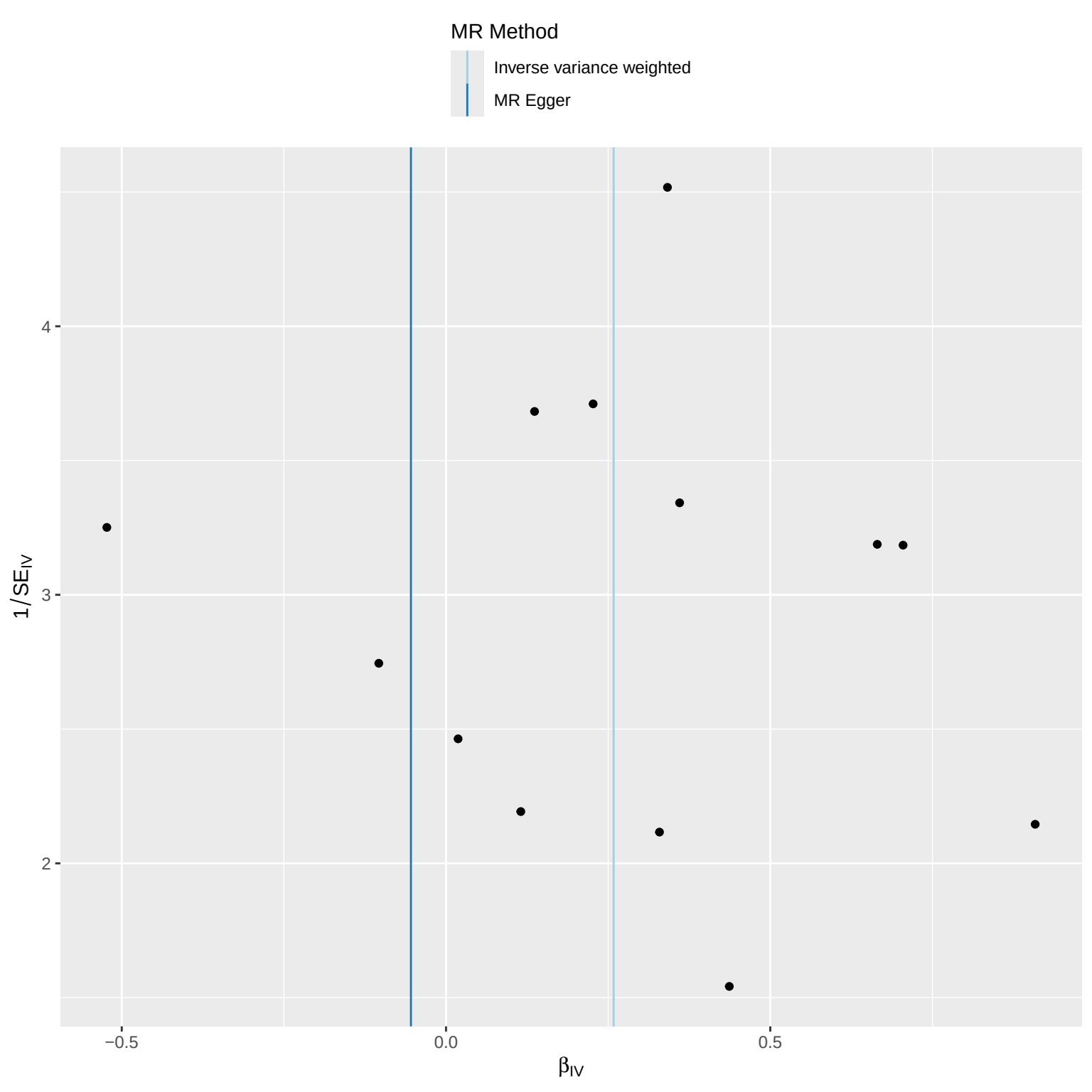

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

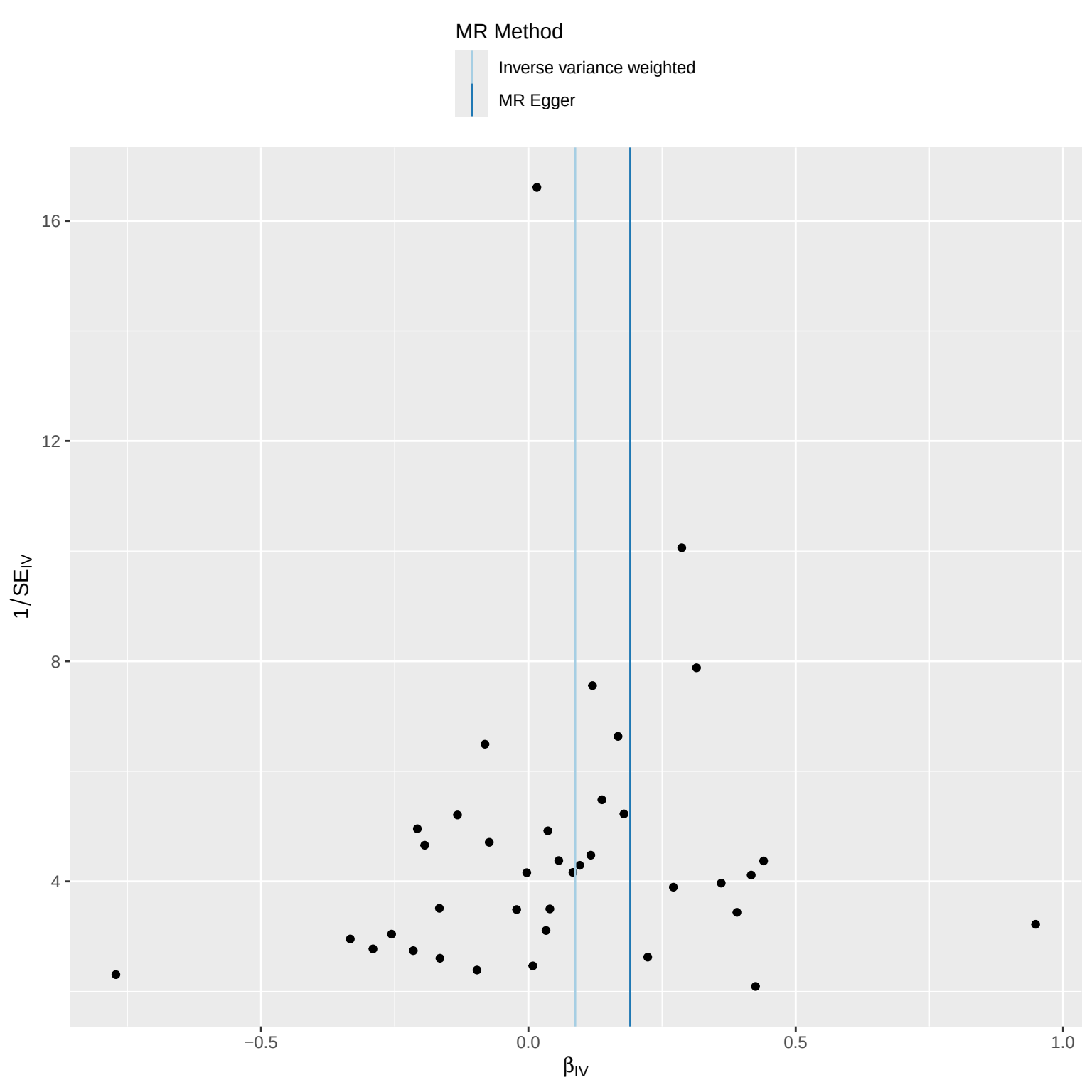

MR Method
Inverse variance weighted
MR Egger
20
15
10
5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

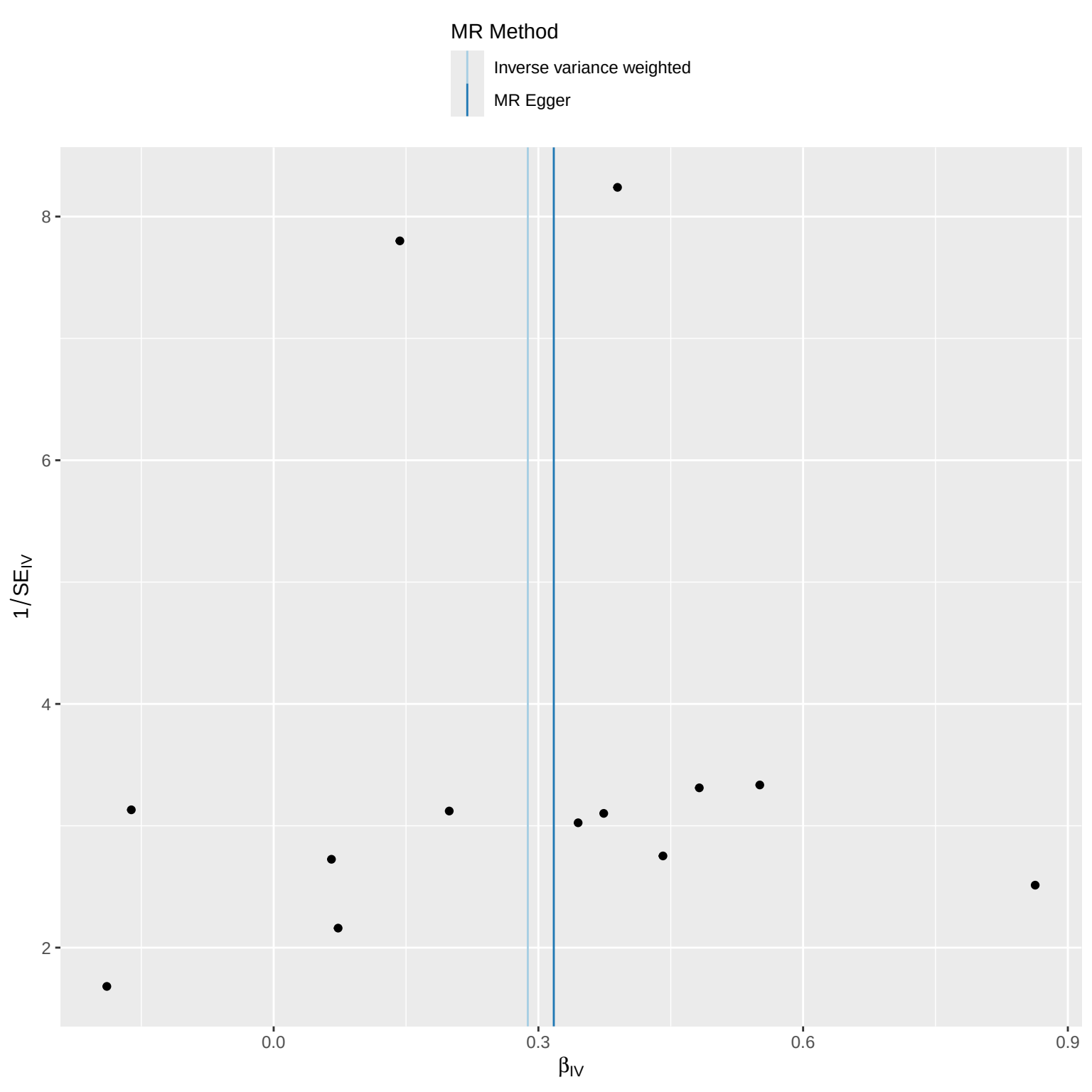

MR Method
Inverse variance weighted
MR Egger
12
8
4
1/SE_IV
−0.5
0.0
0.5
β_IV

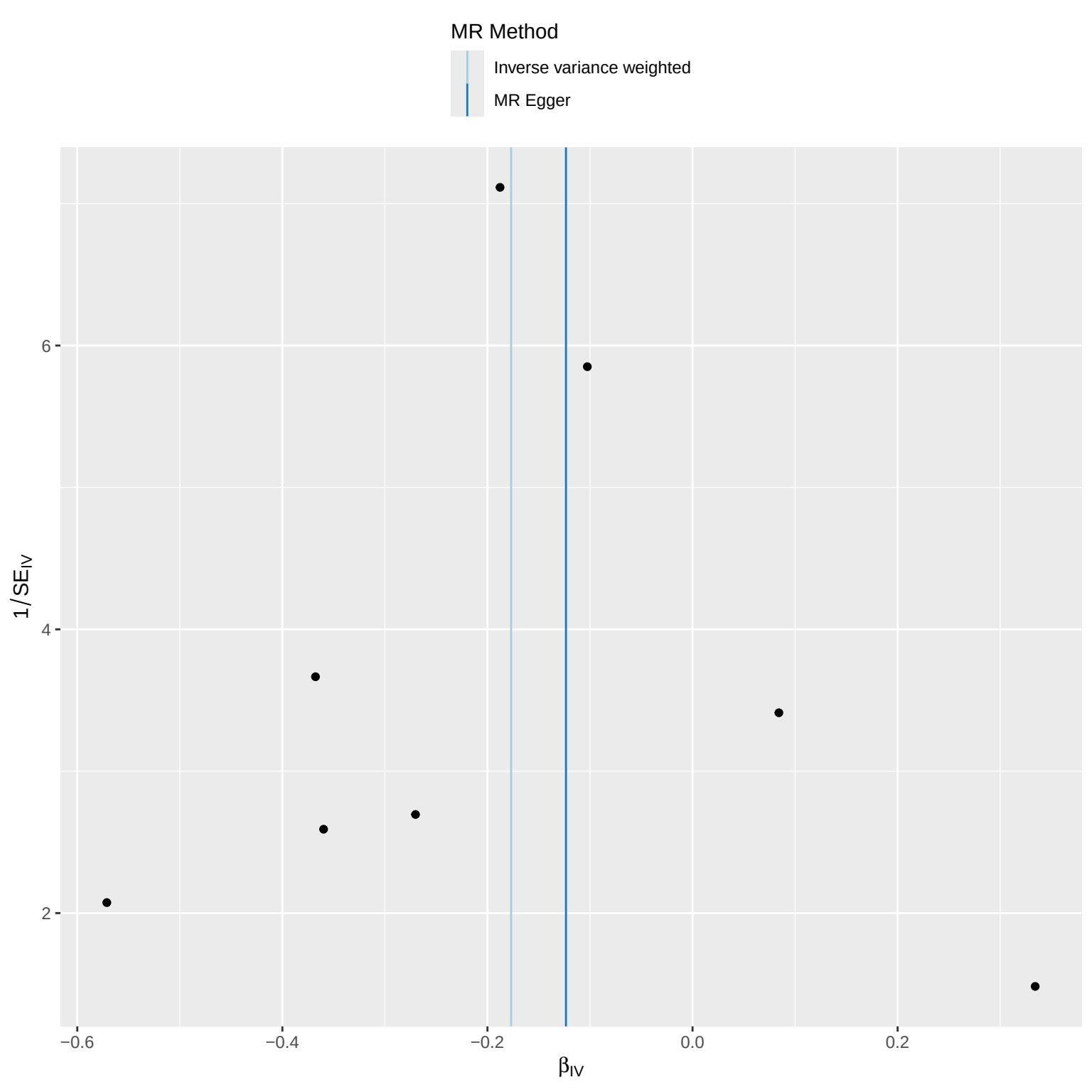

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.5
0.0
0.5
β_IV

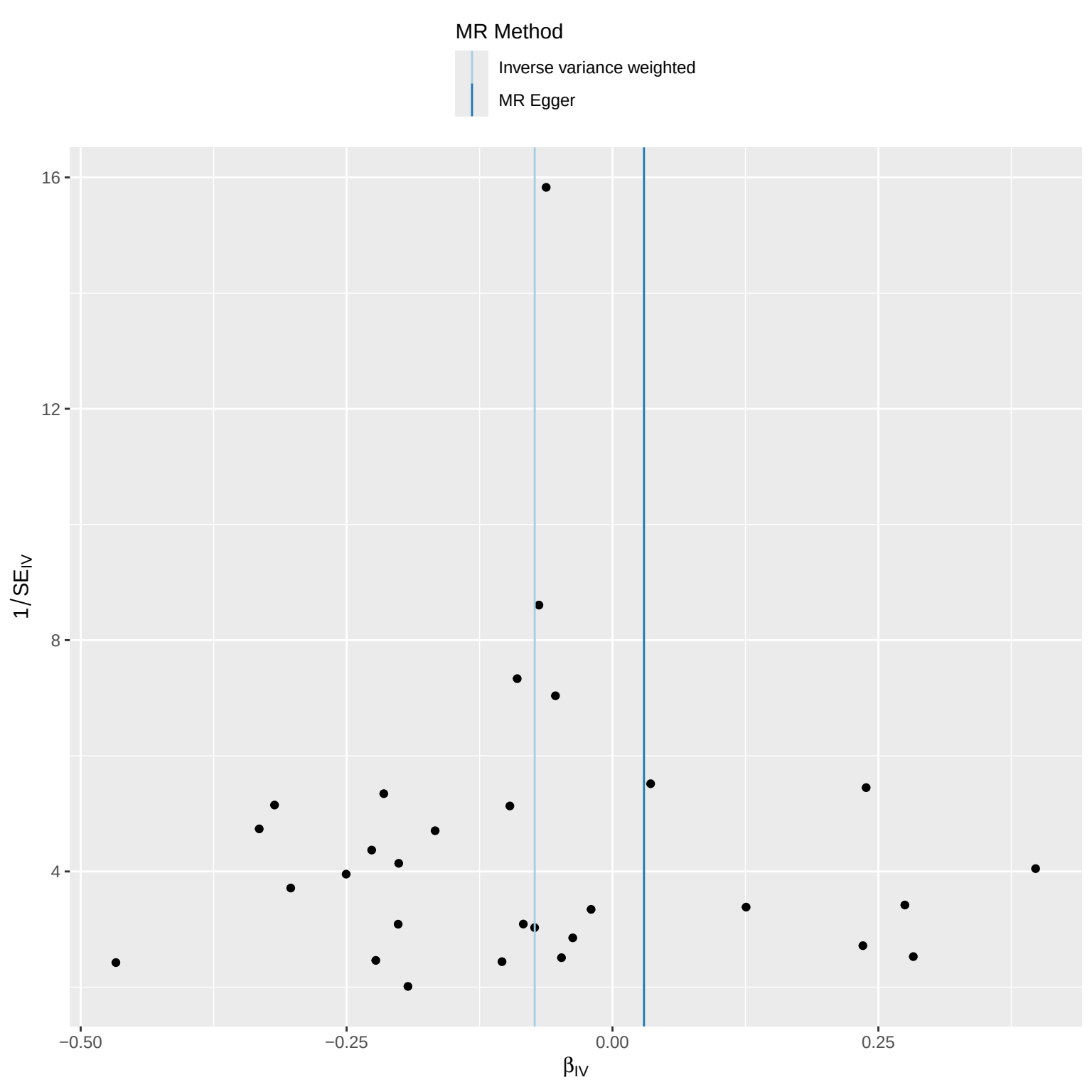

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

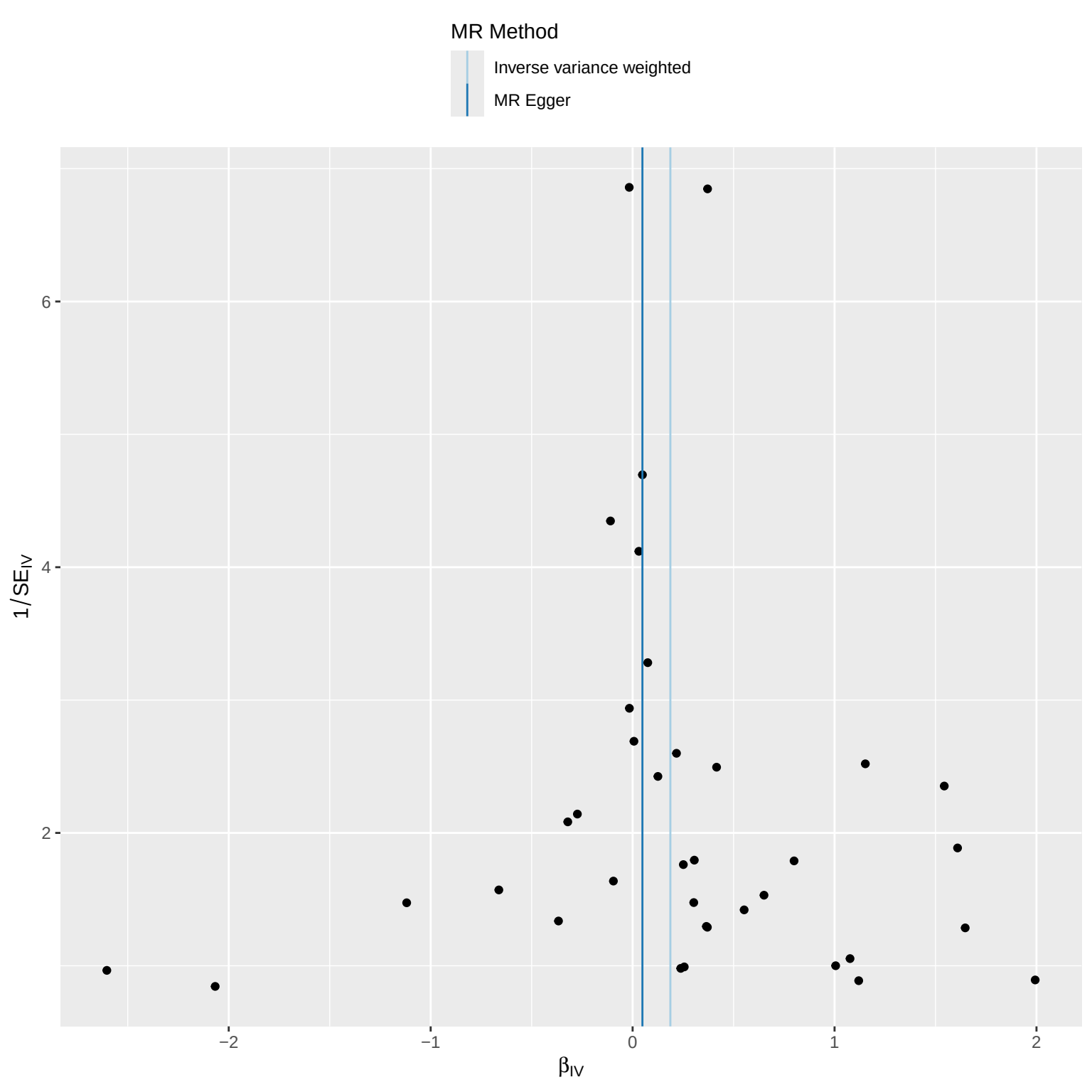

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.5
0.0
0.5
β_IV

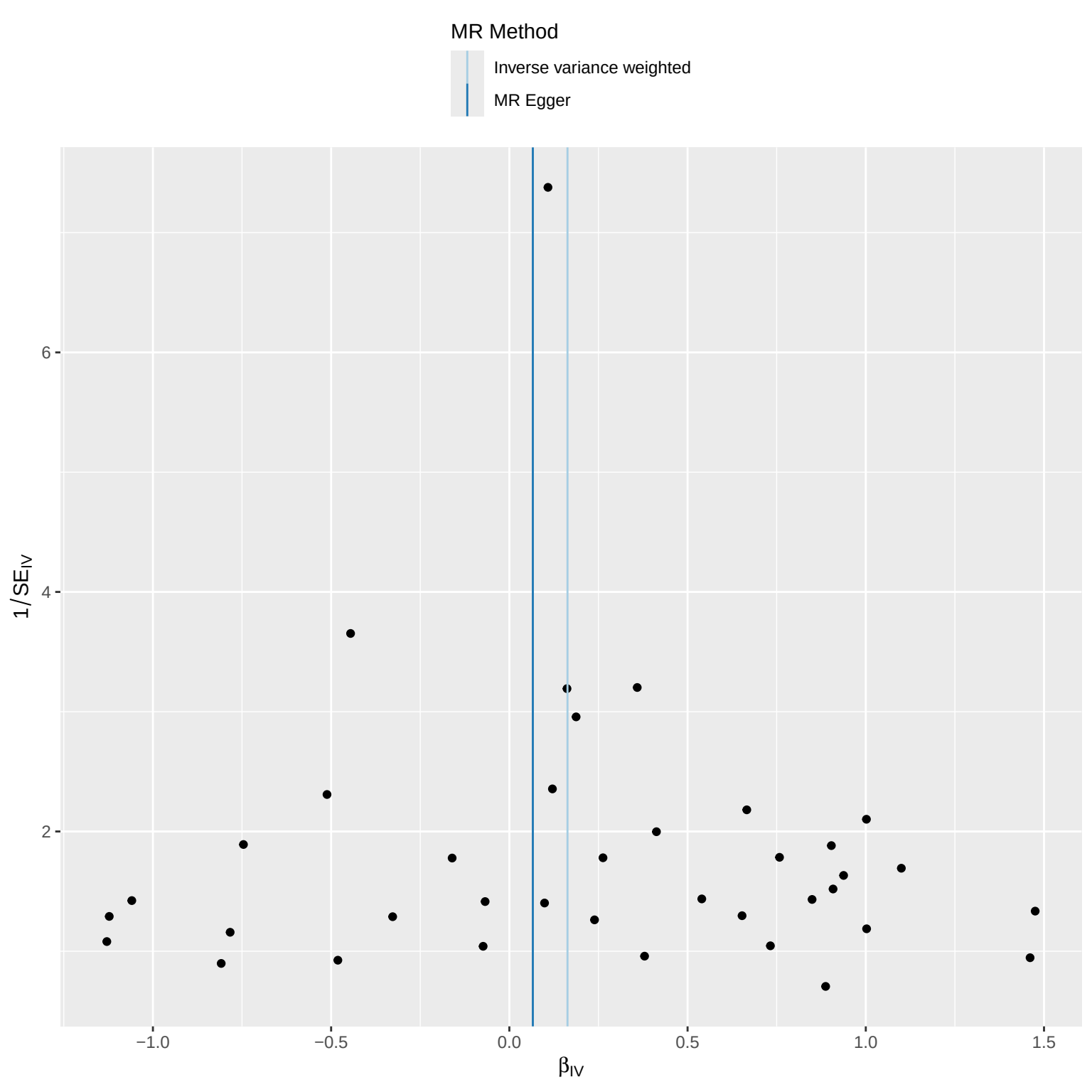

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

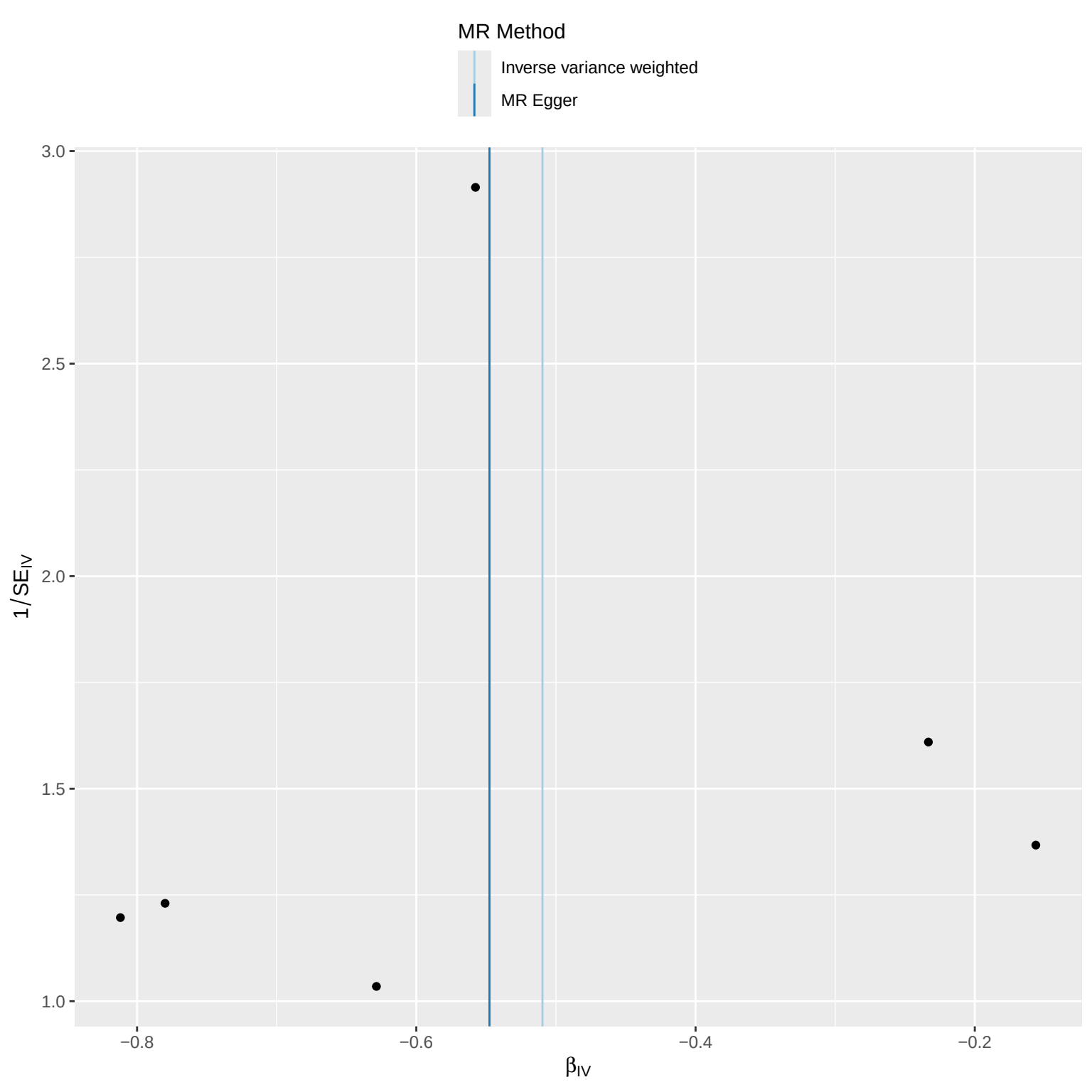

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.0
0.3
0.6
0.9
β_IV

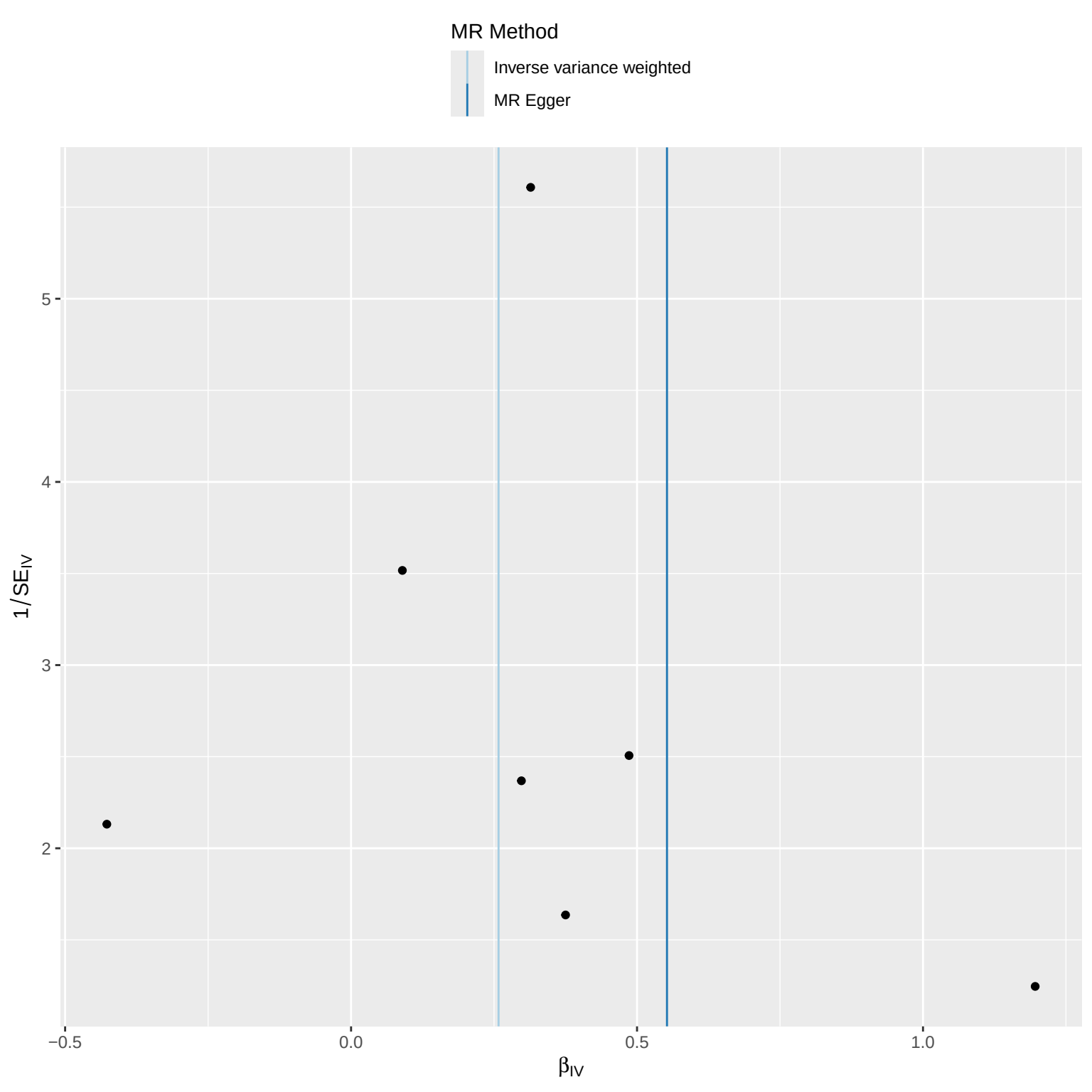

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
β_IV

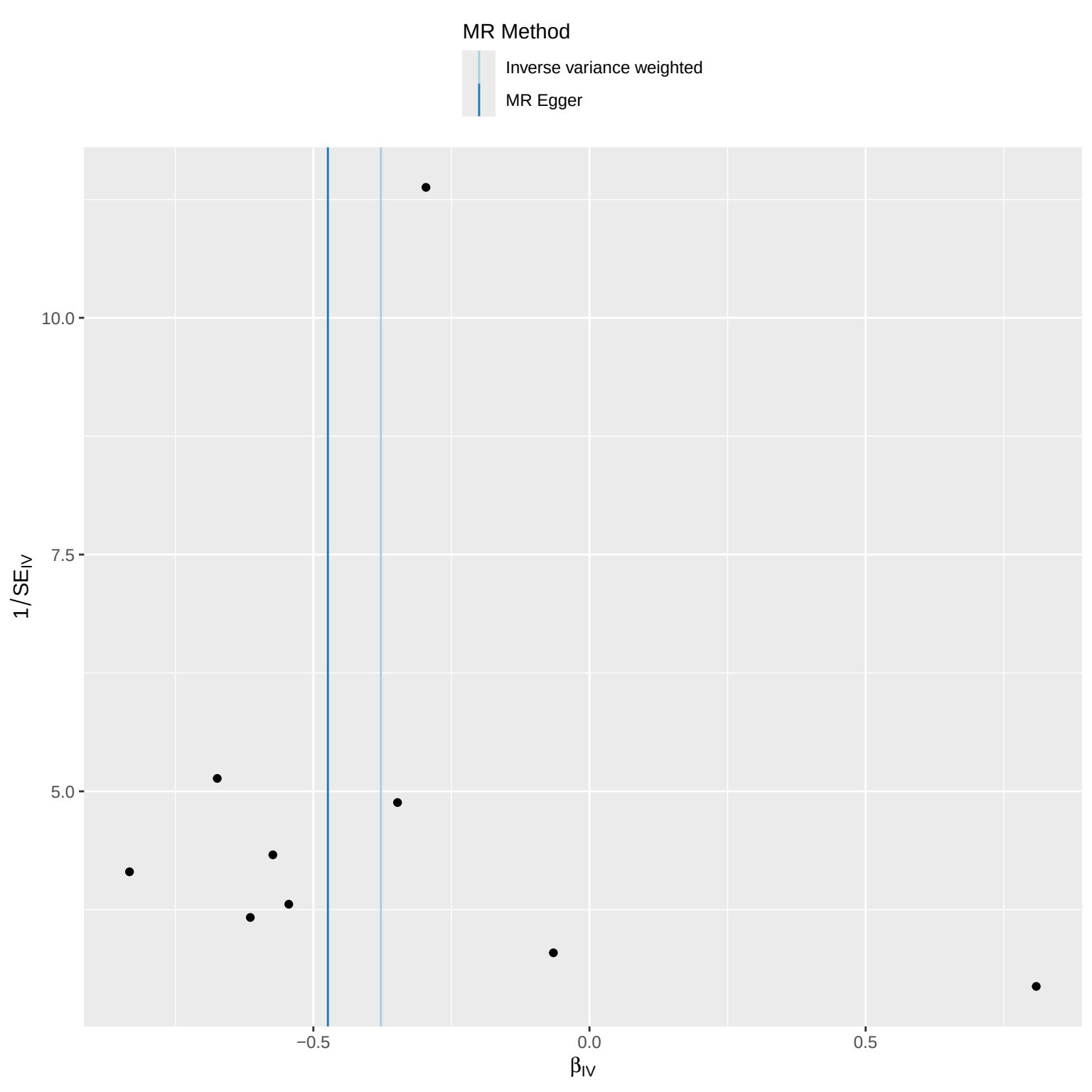

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

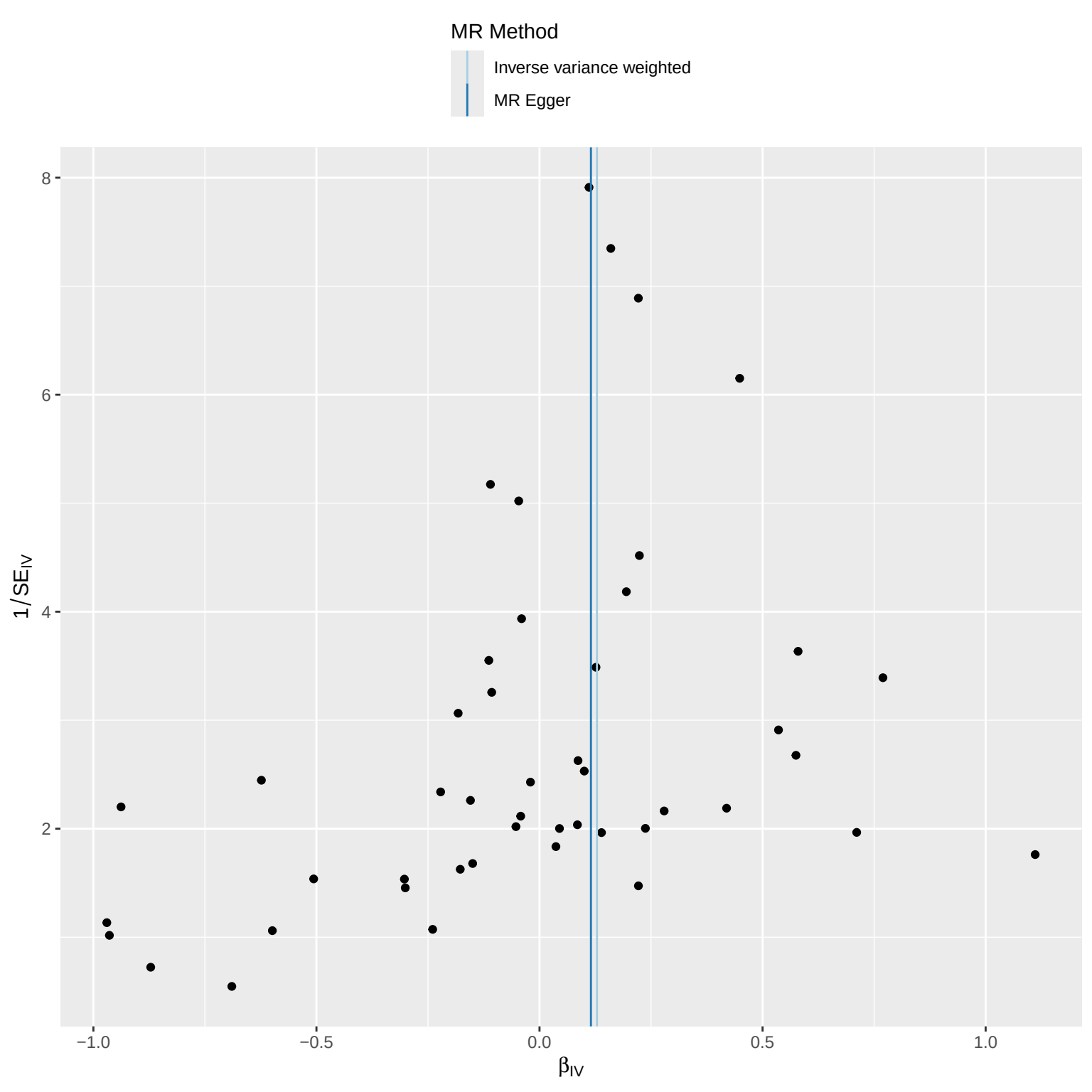

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

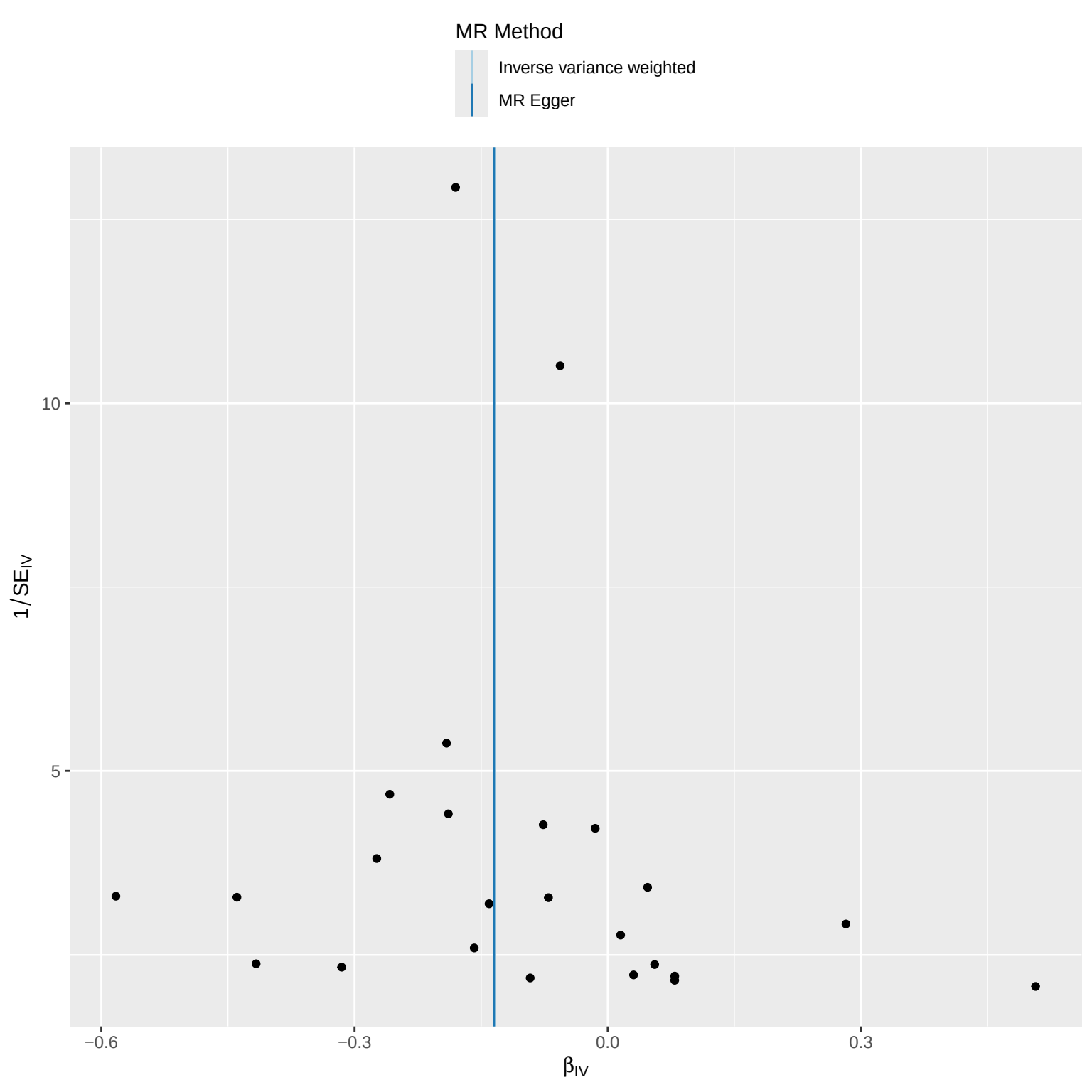

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

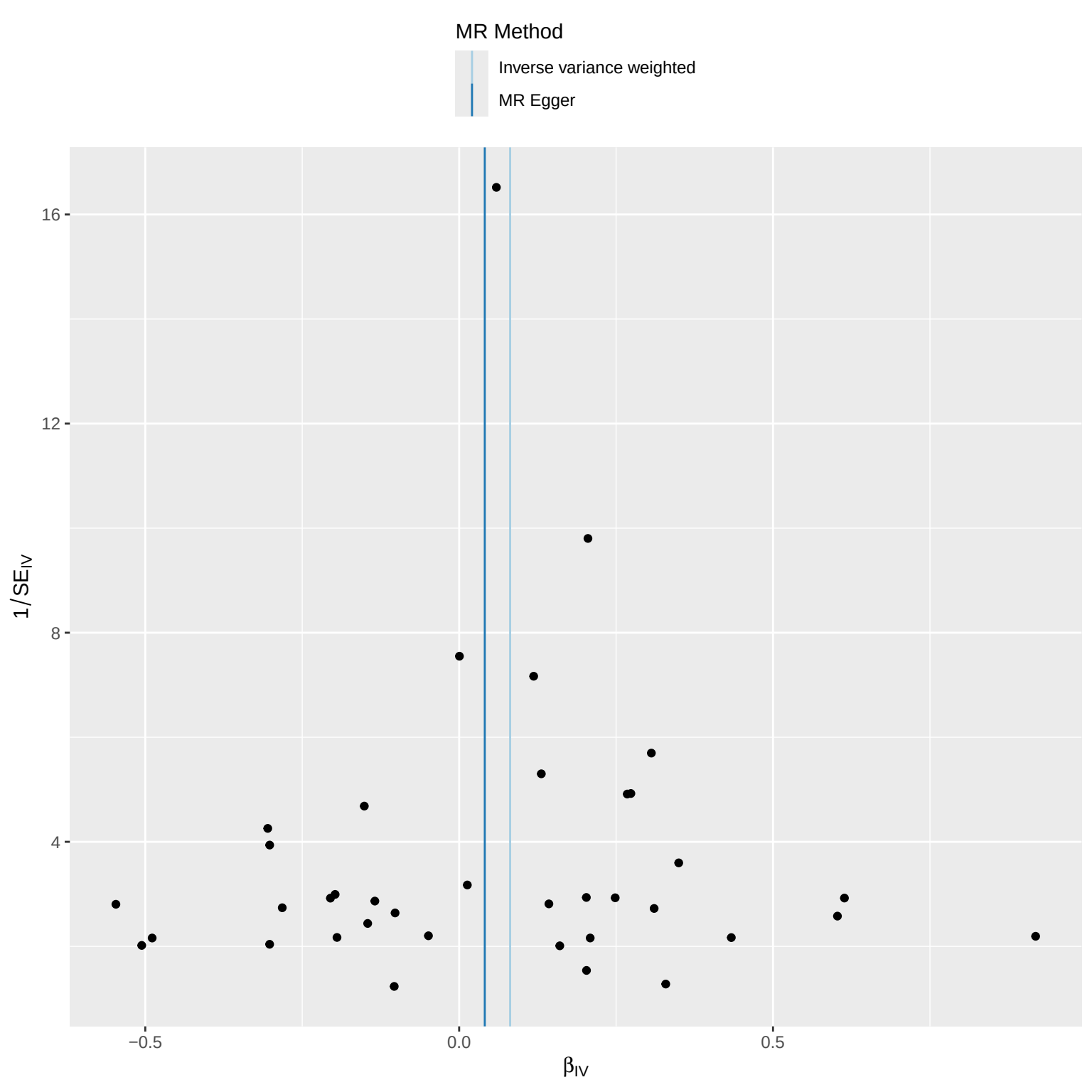

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.8
−0.6
−0.4
−0.2
β_IV

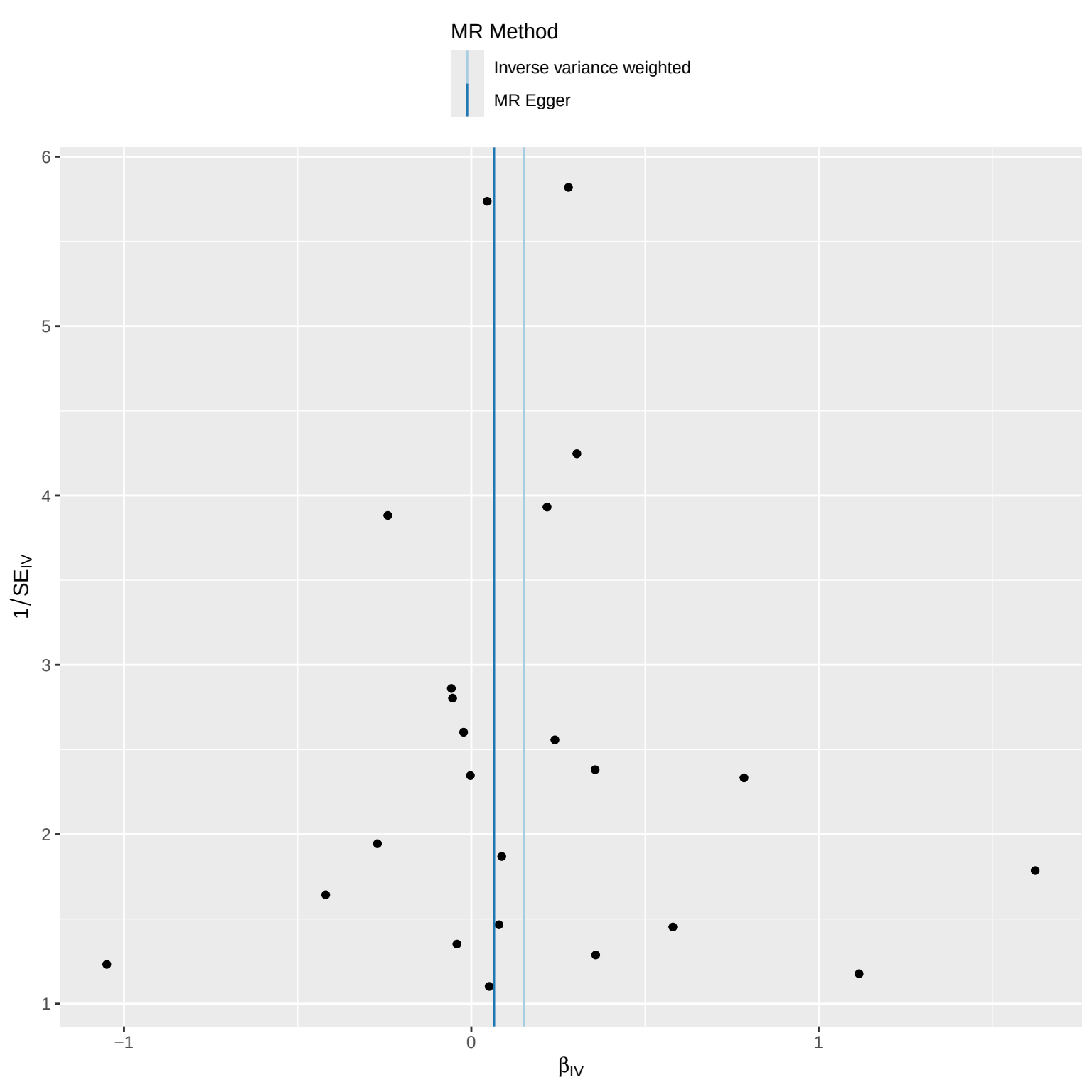

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

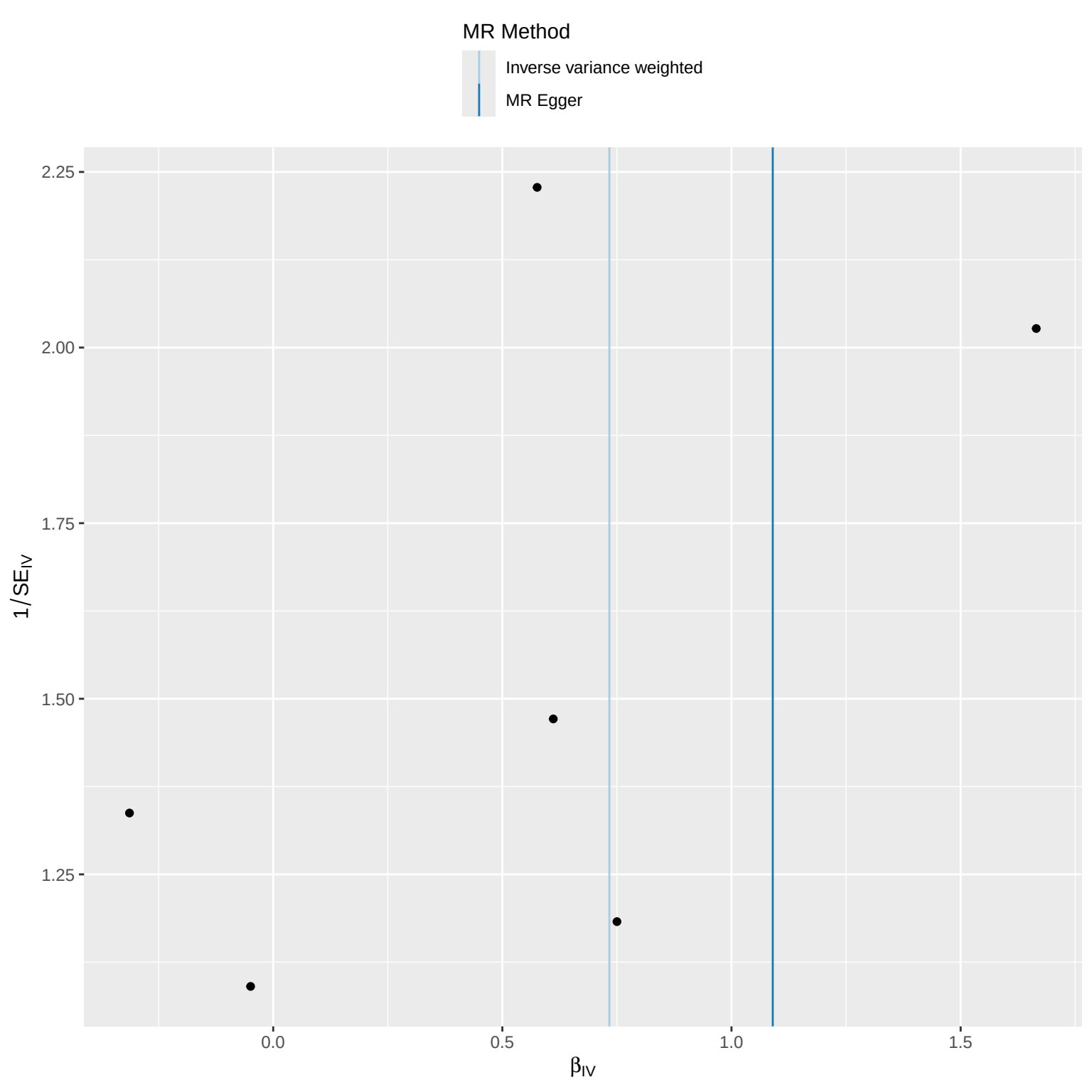

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
1/SE_IV
−0.5
0.0
0.5
β_IV

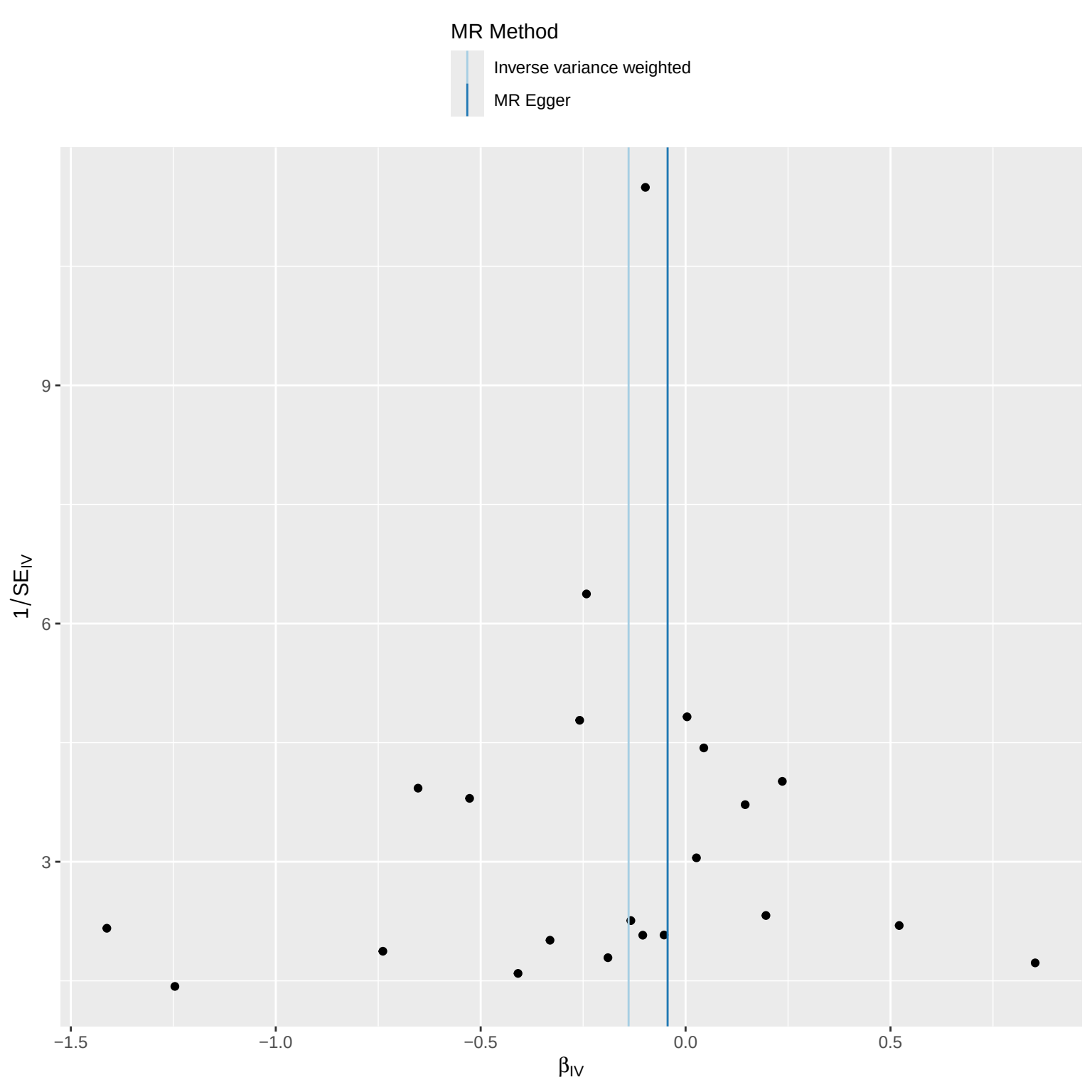

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

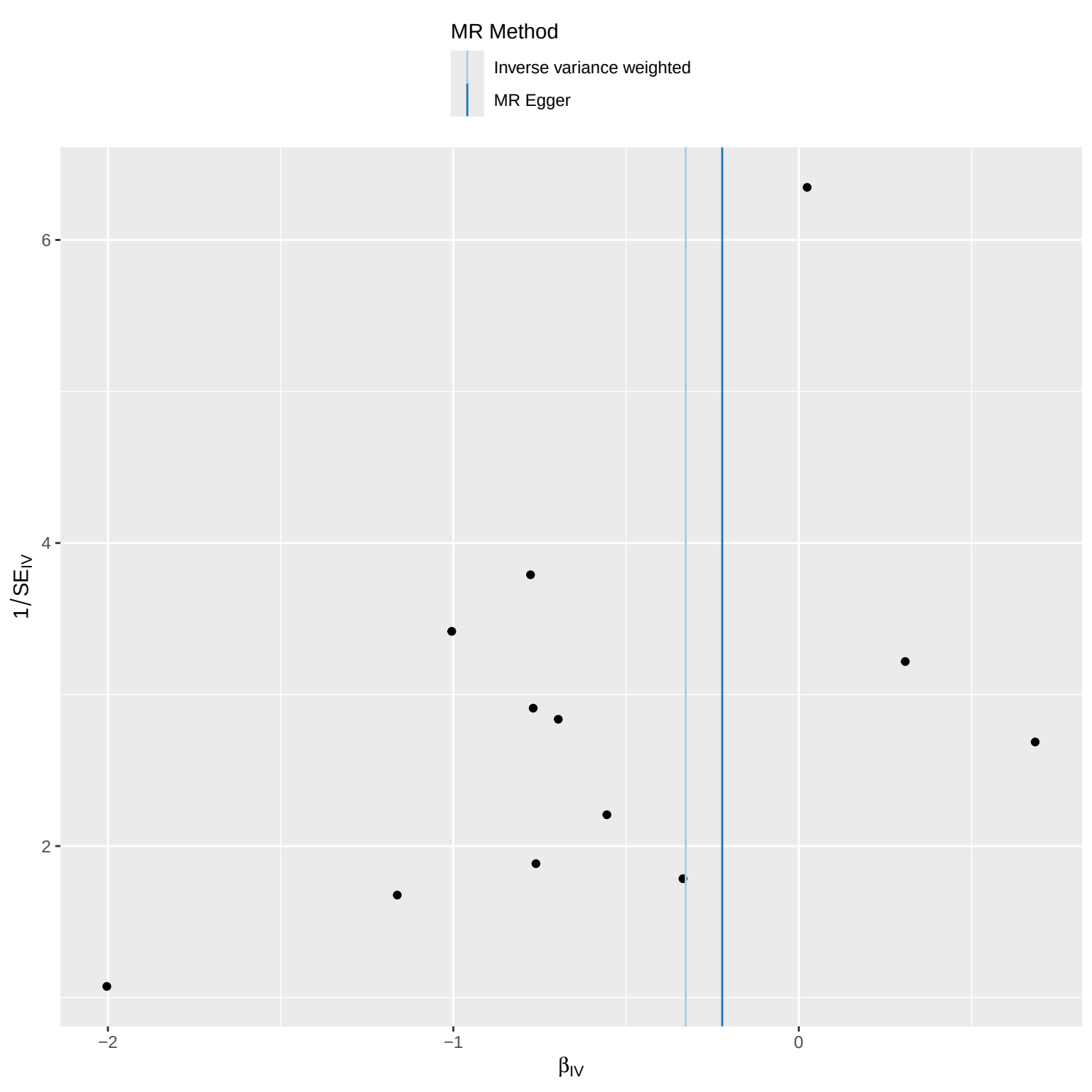

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

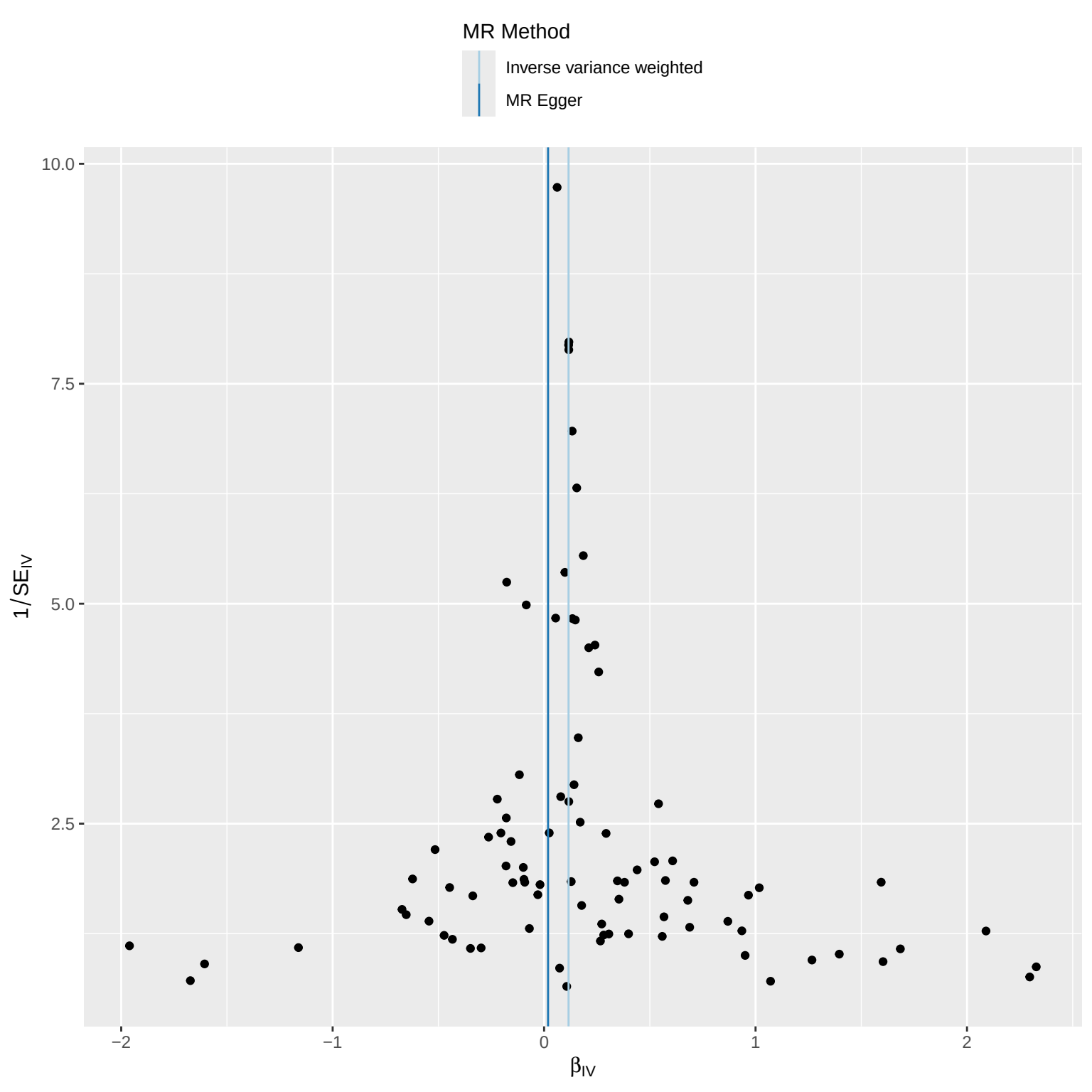

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.5
0.0
0.5
β_IV

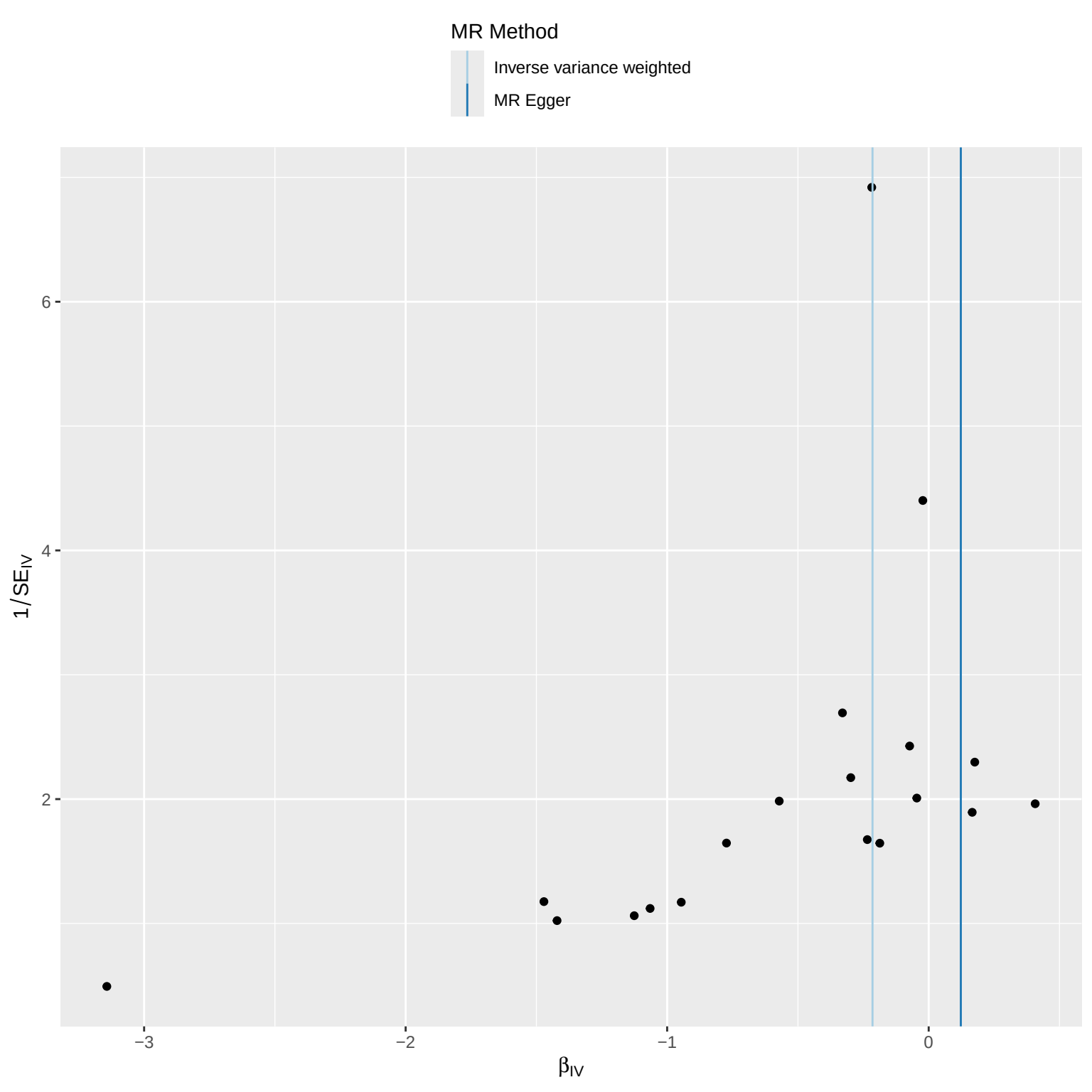

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

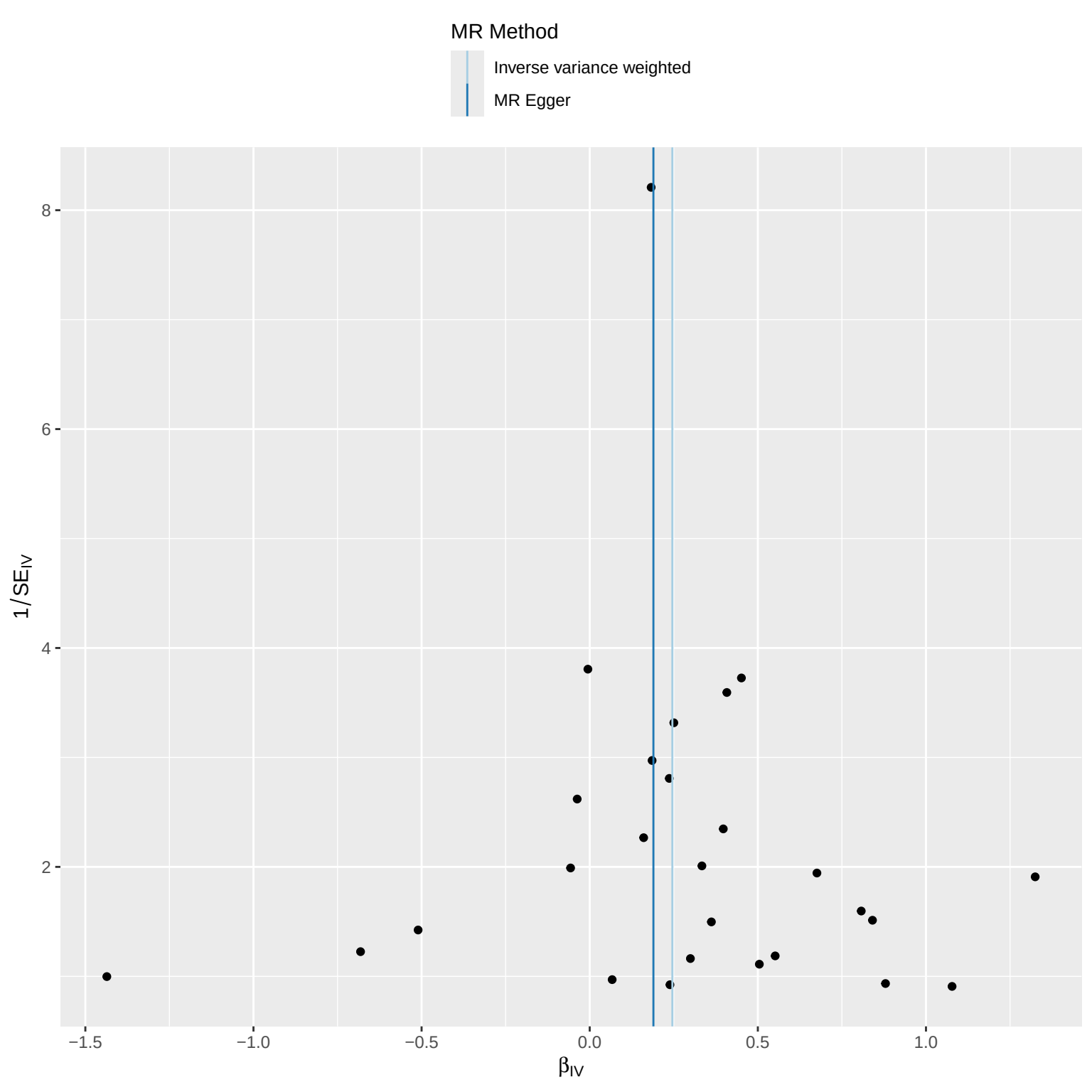

MR Method
Inverse variance weighted
MR Egger
2.25
2.00
1.75
1.50
1.25
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

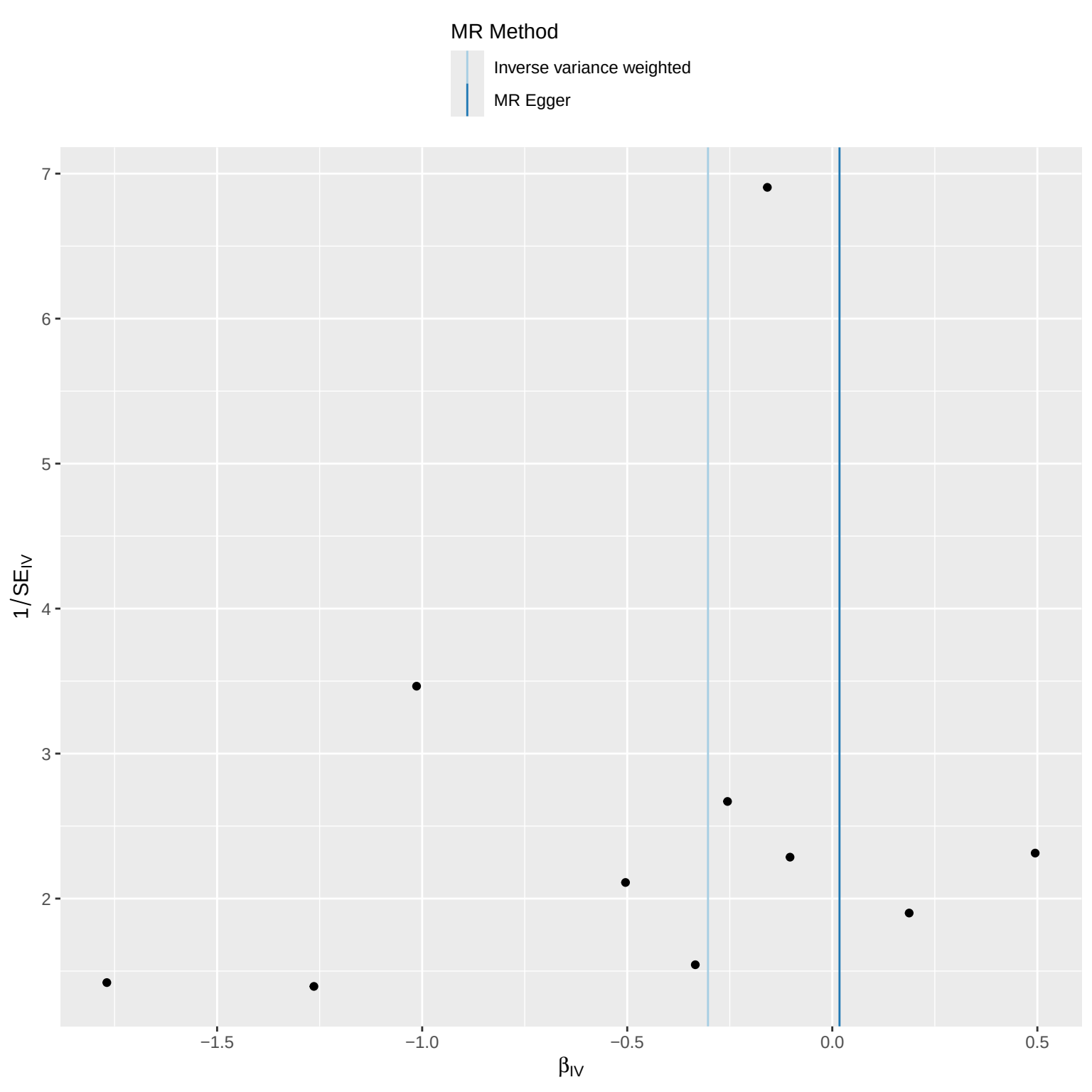

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

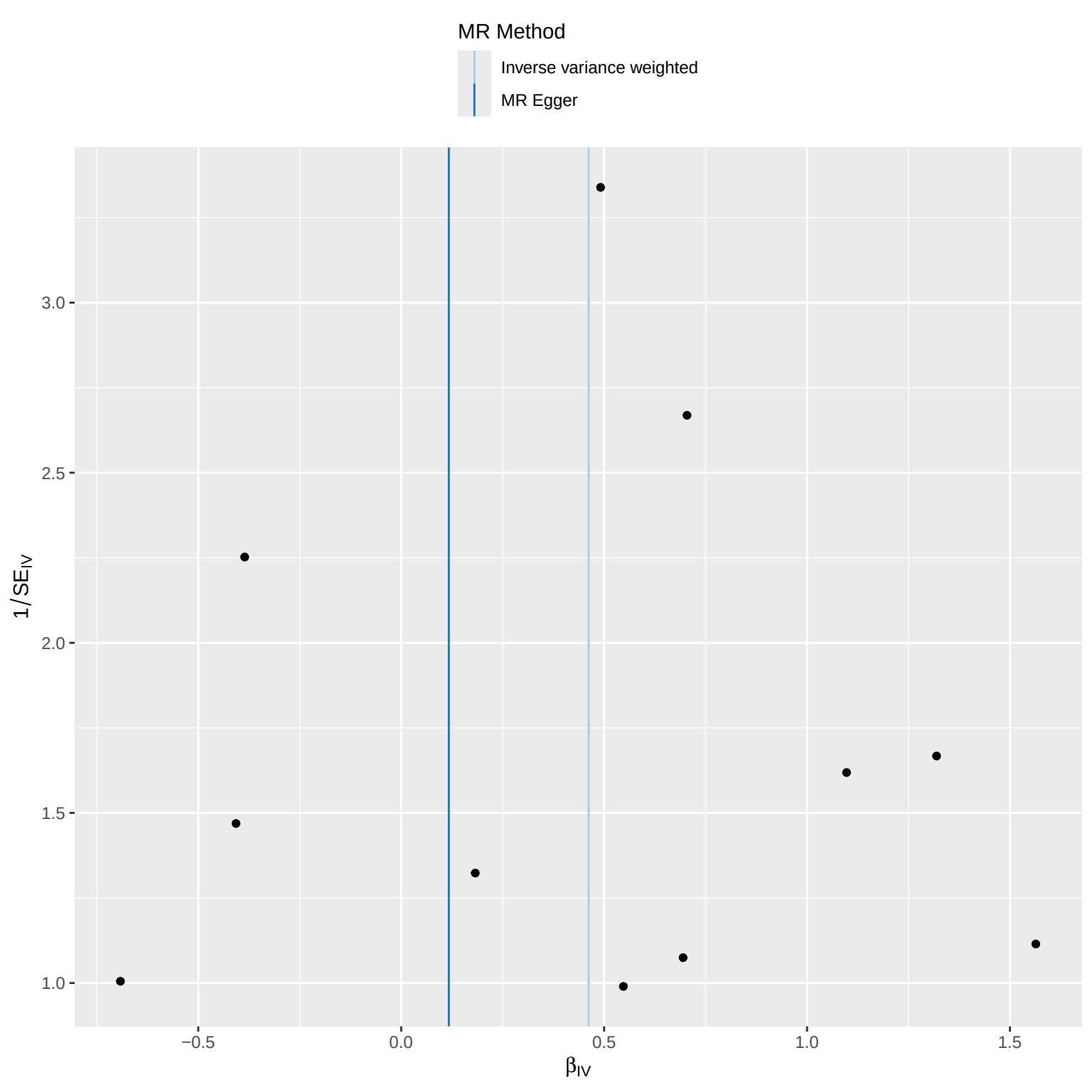

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

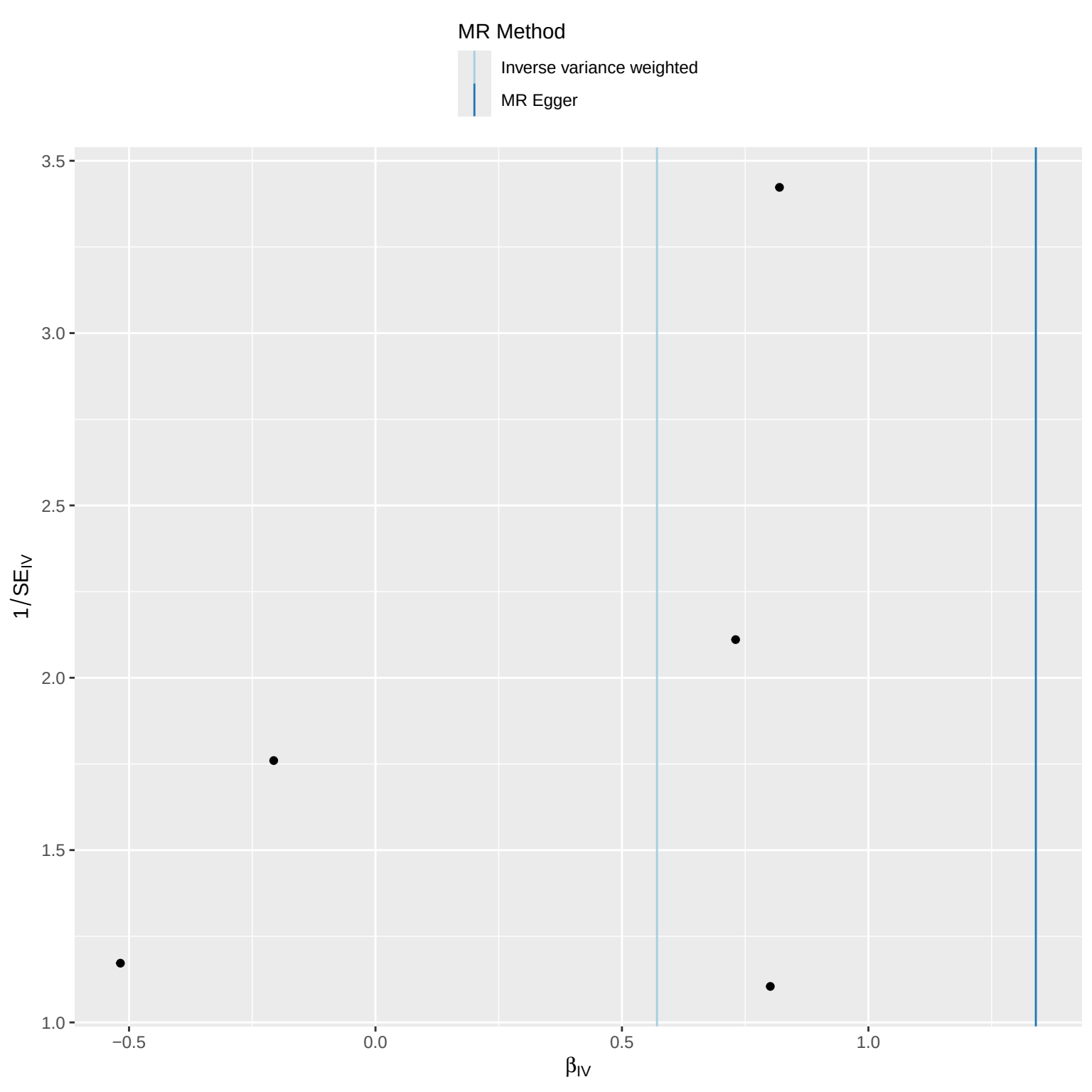

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

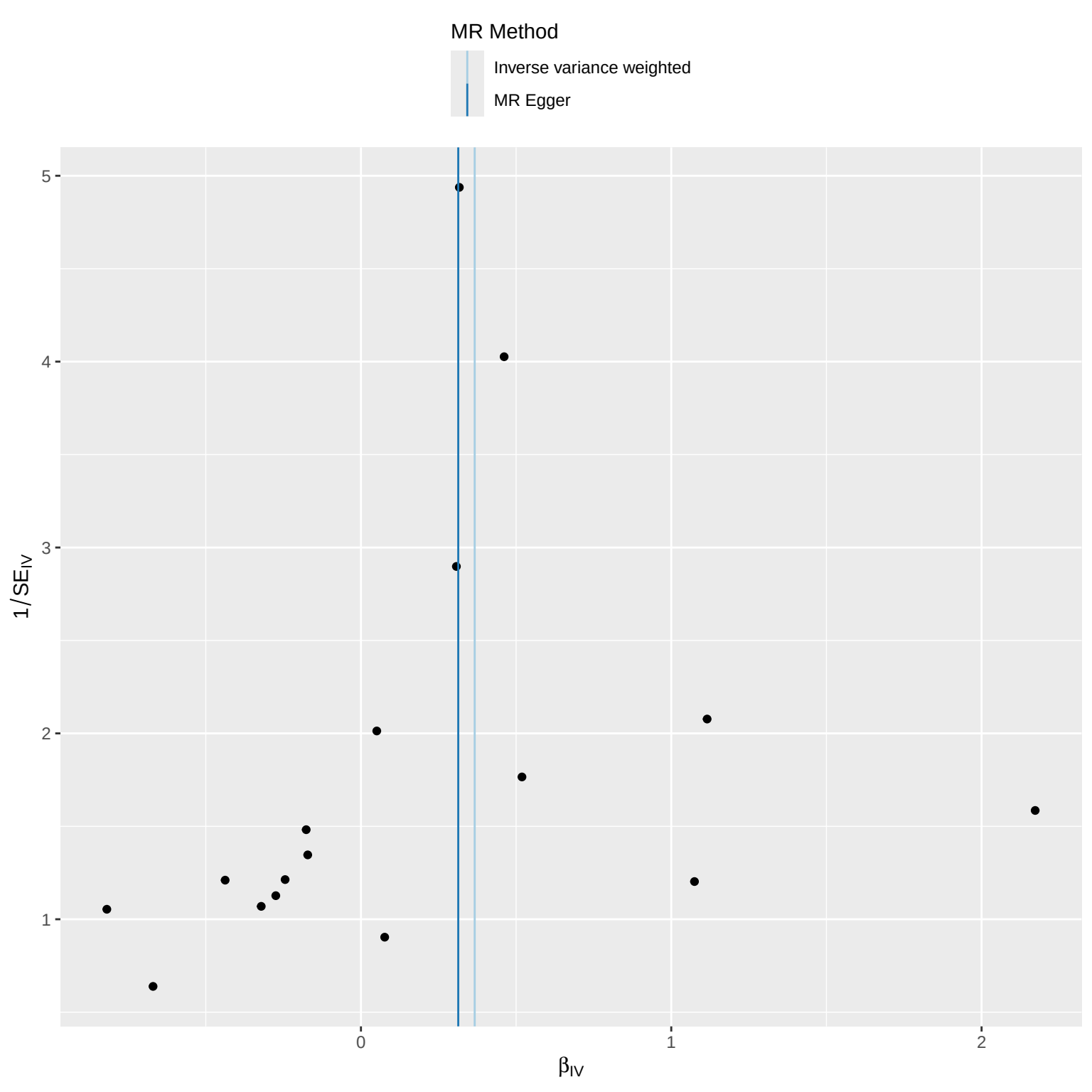

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
β_IV

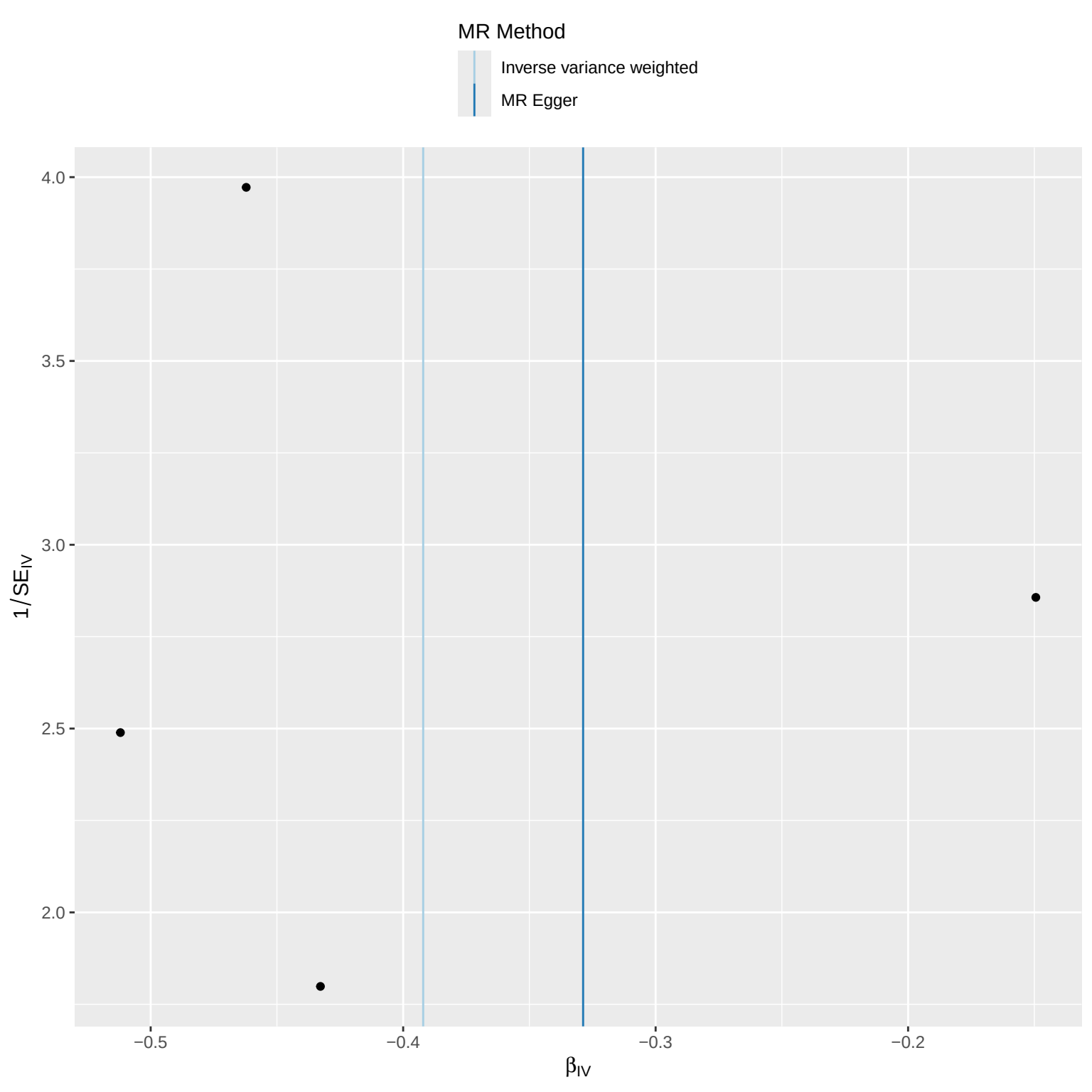

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

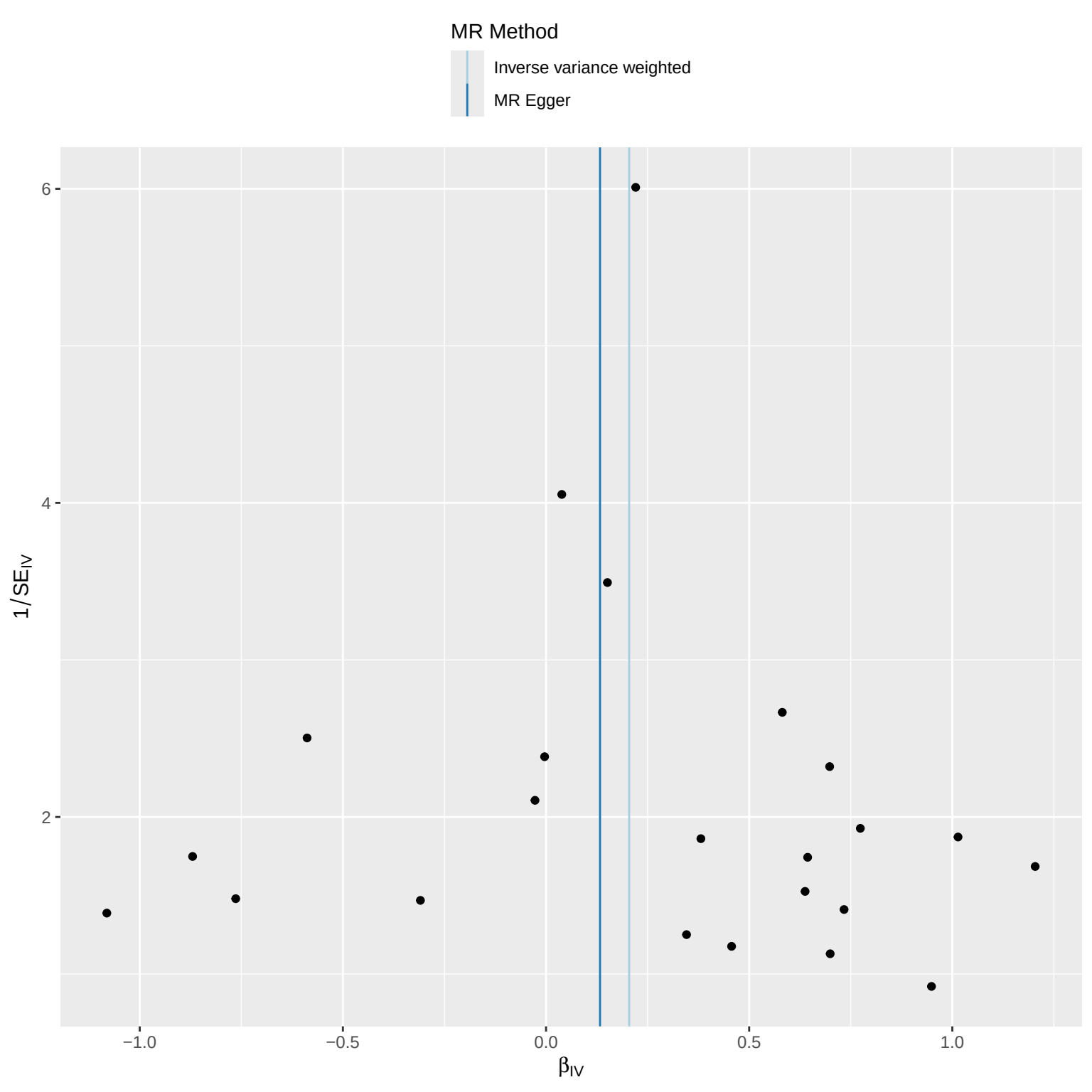

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

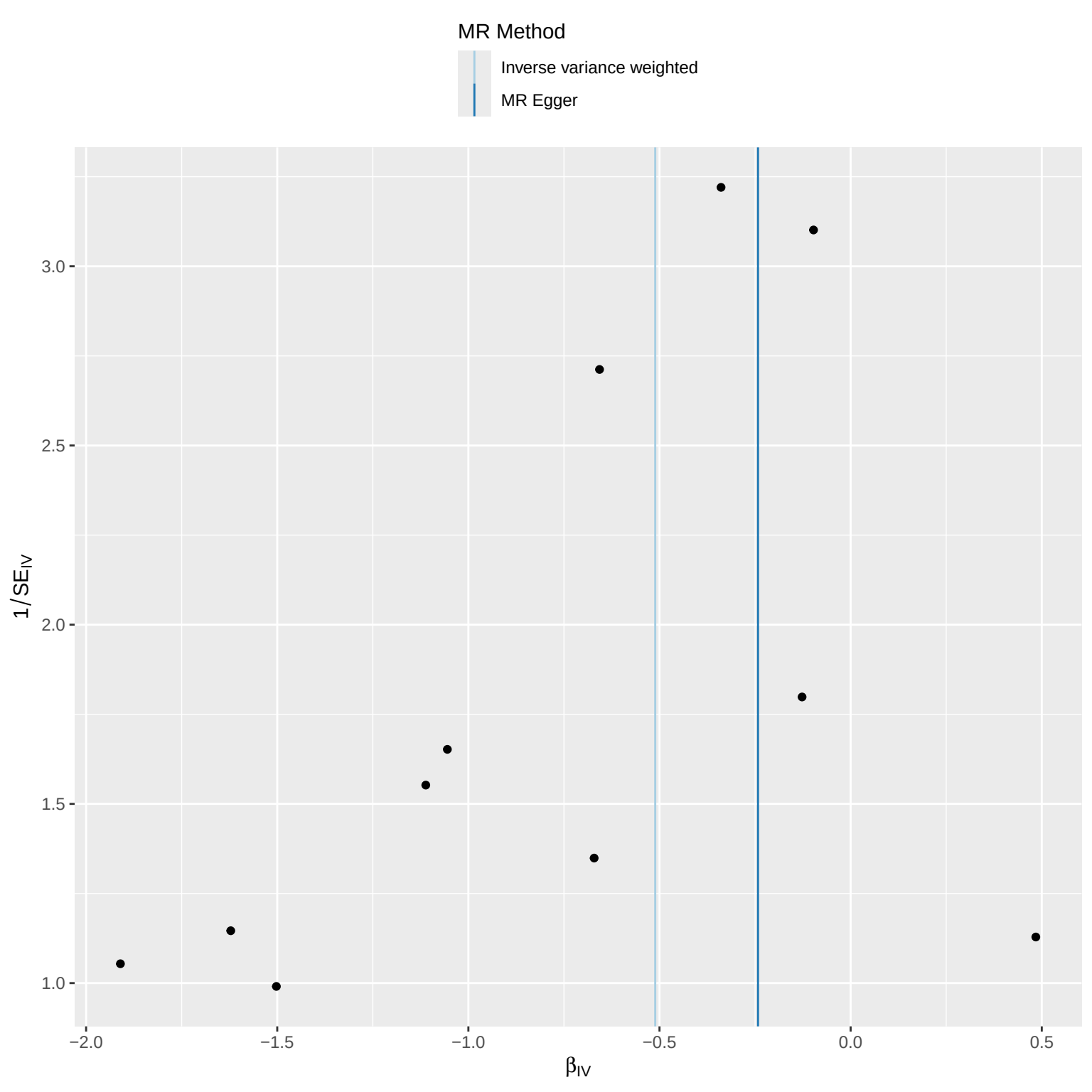

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

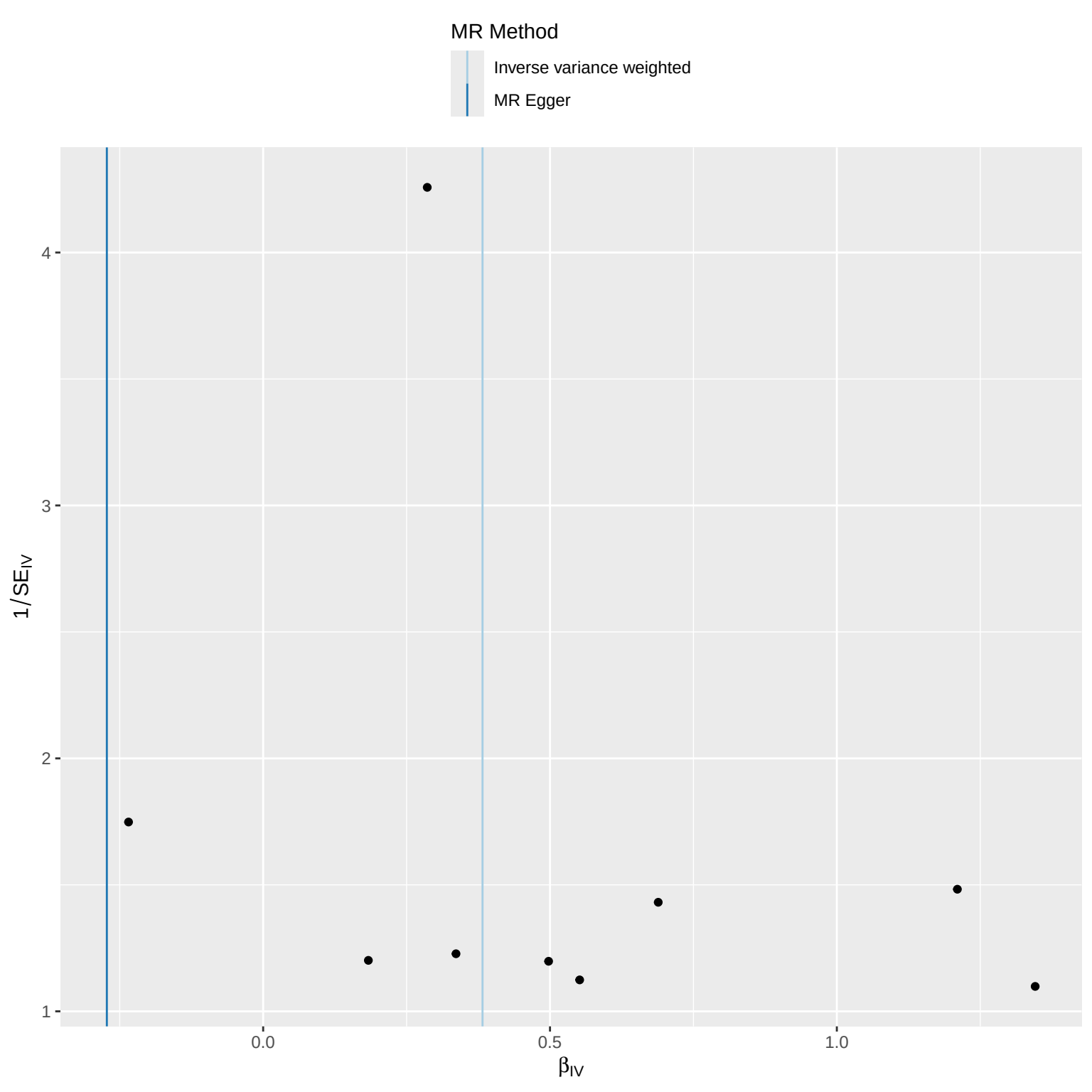

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

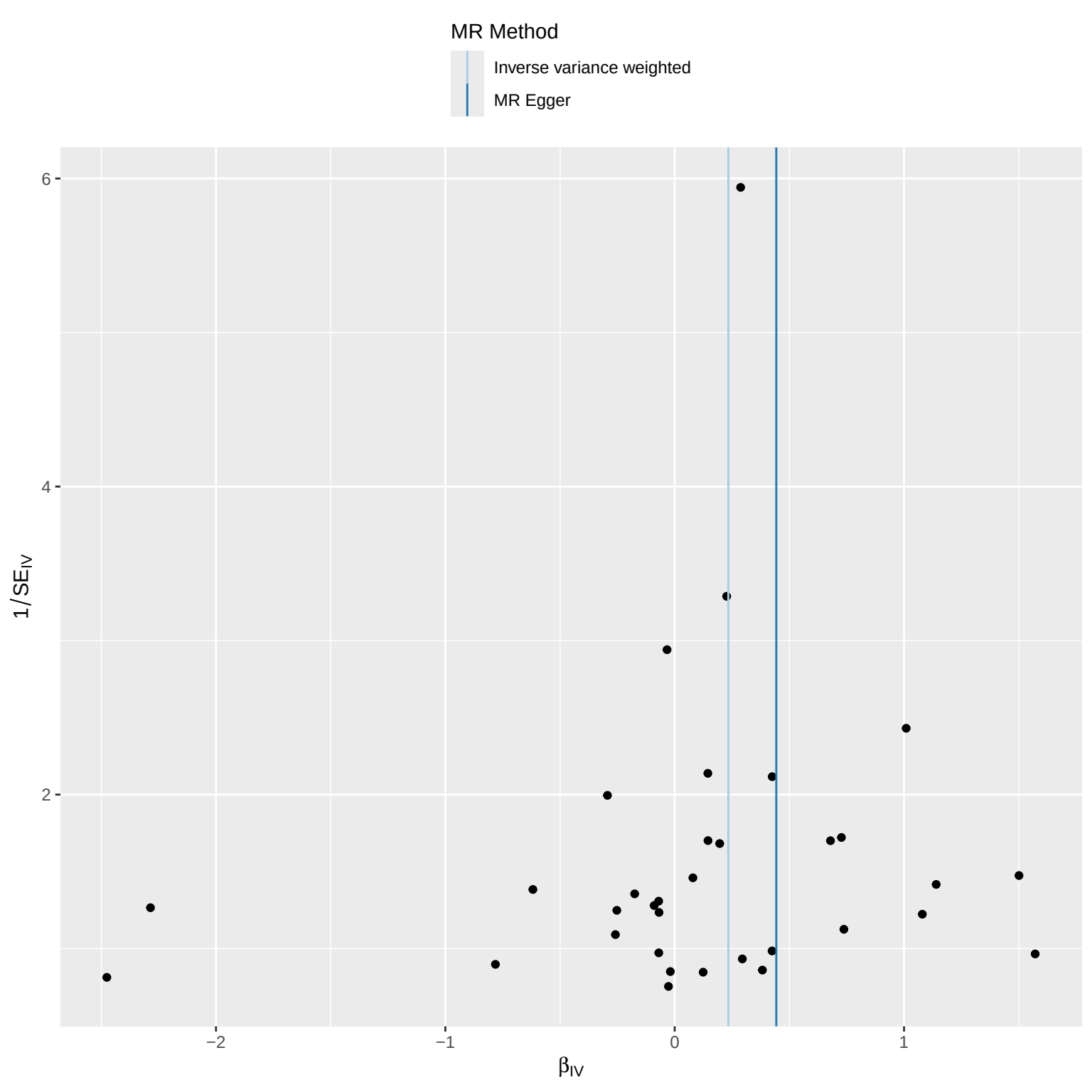

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1
2
1/SE_IV
β_IV

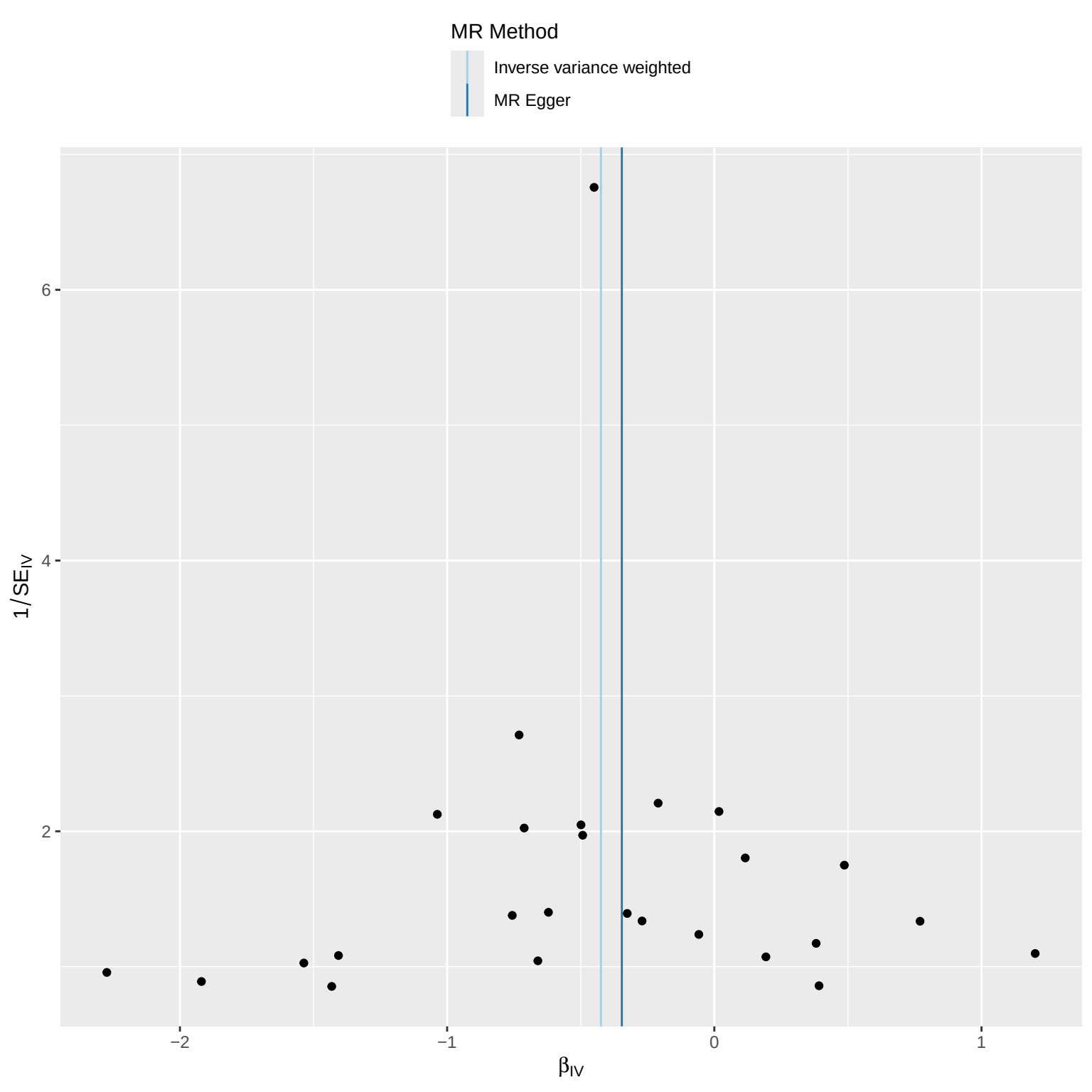

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
2.0
1/SE_IV
−0.5
−0.4
−0.3
−0.2
β_IV

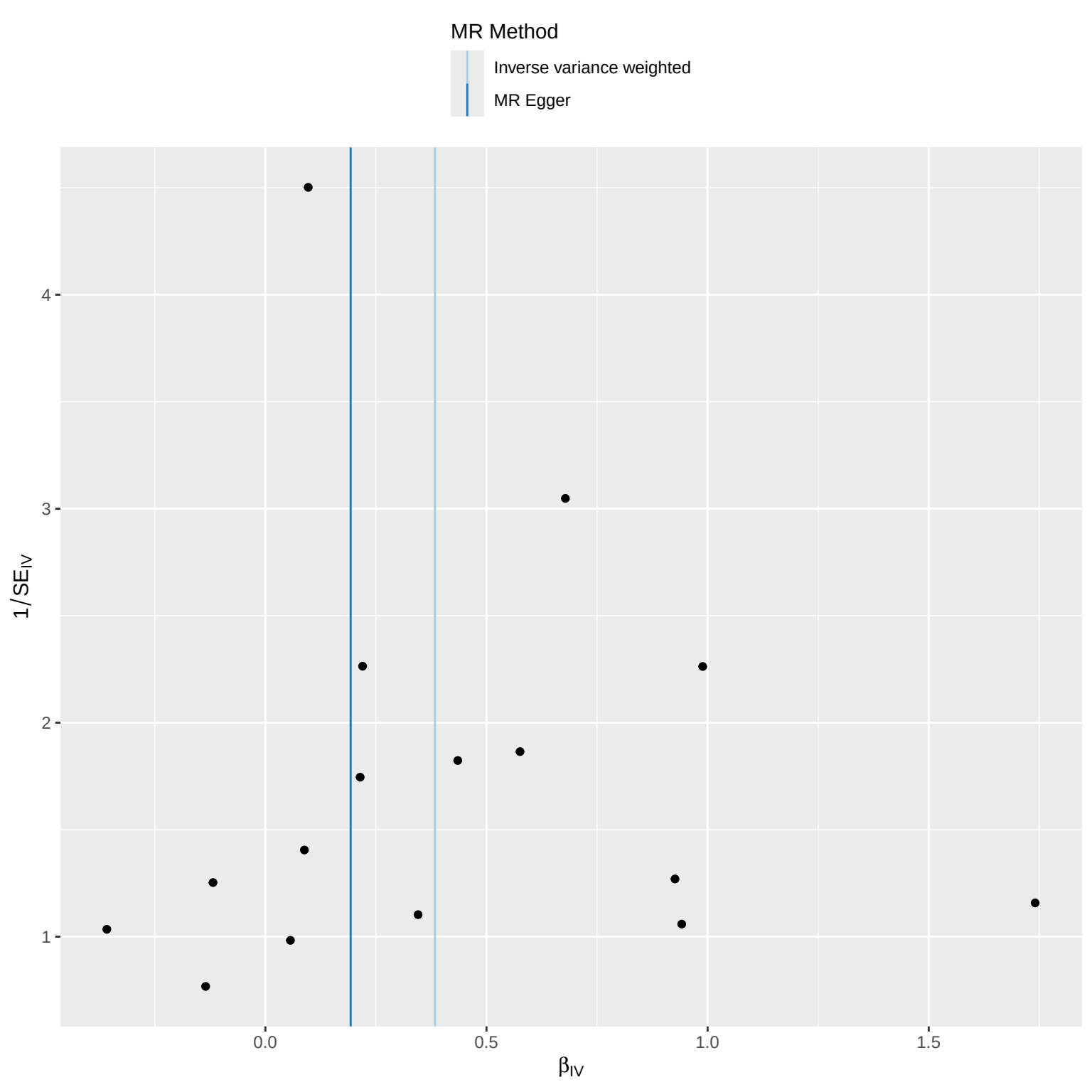

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

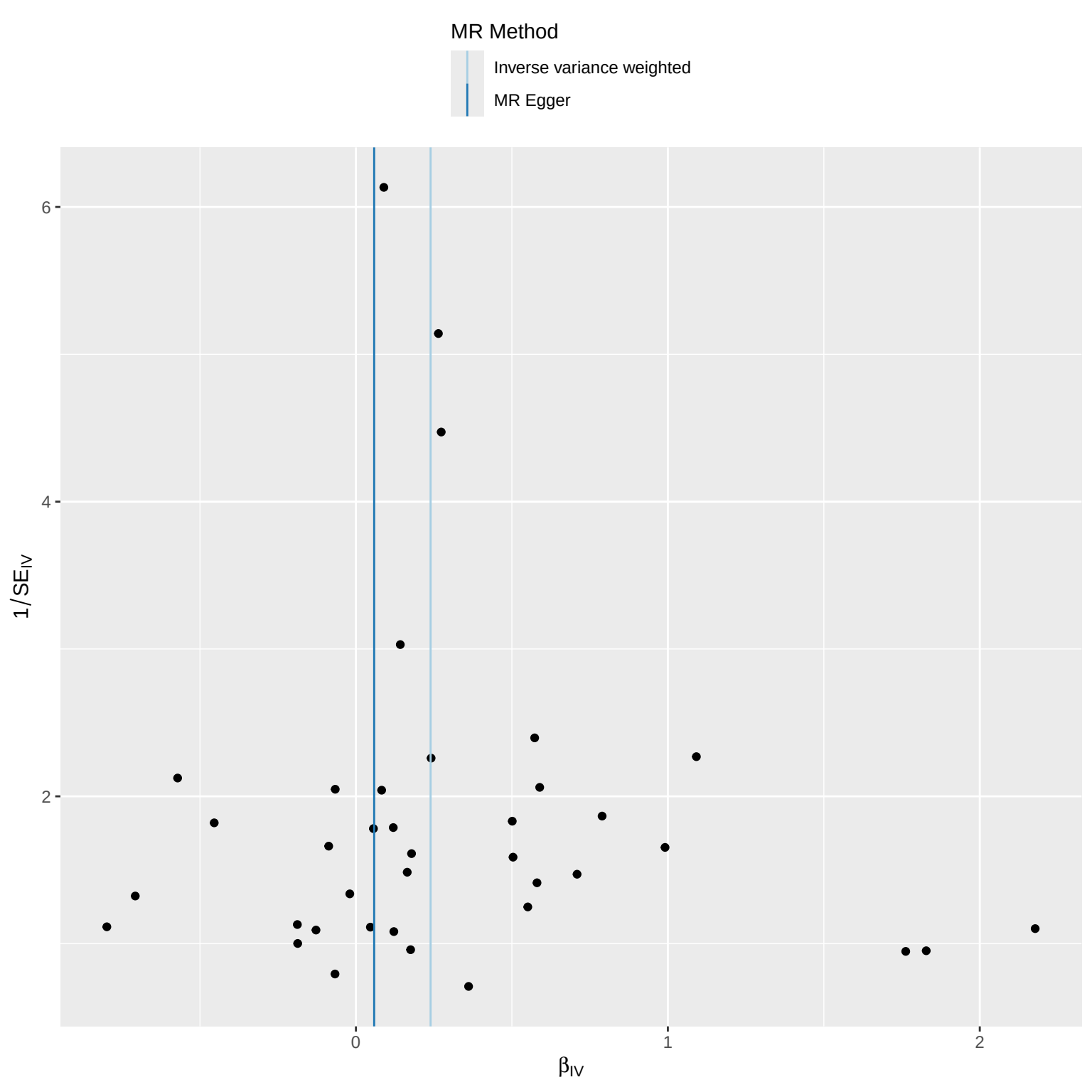

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

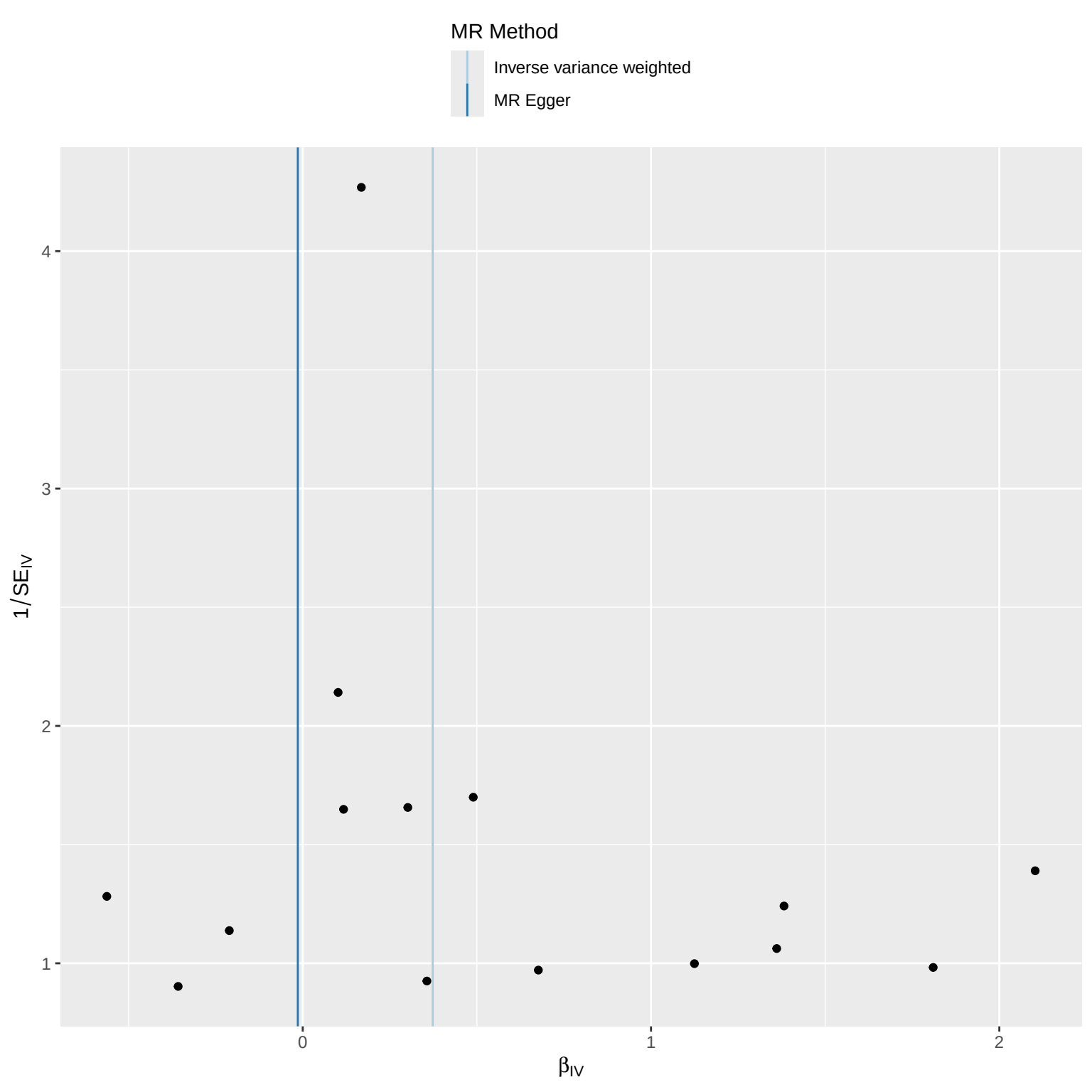

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

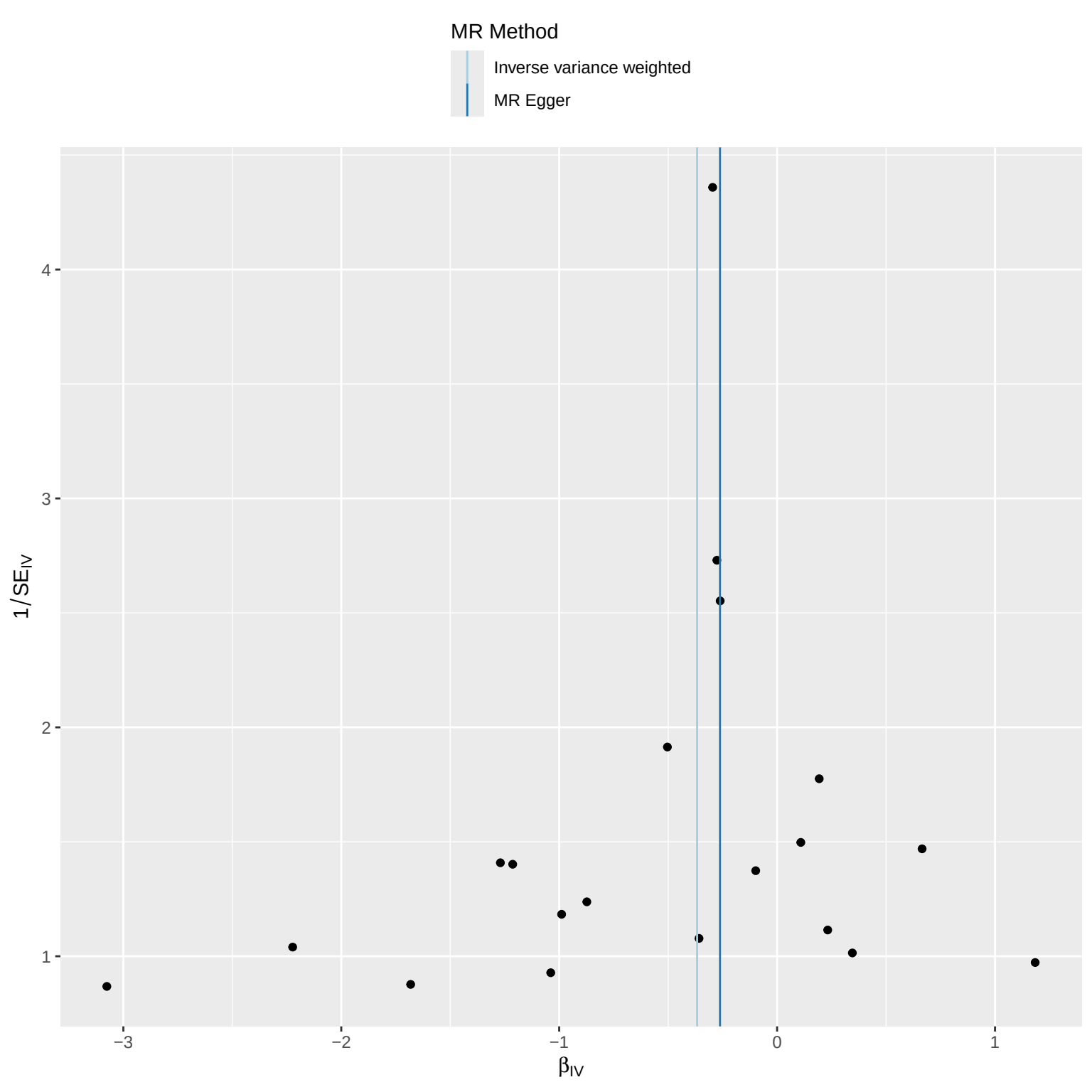

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

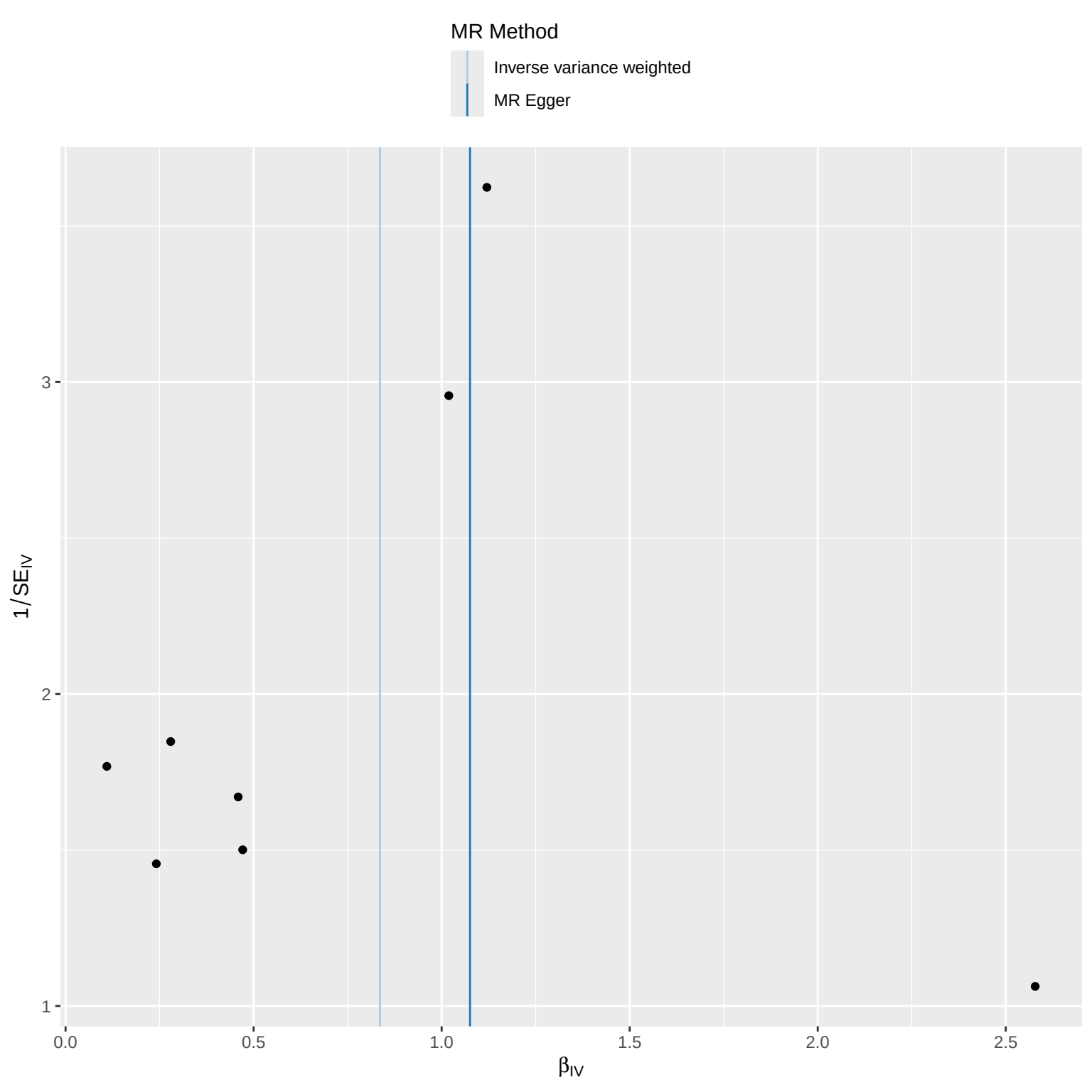

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

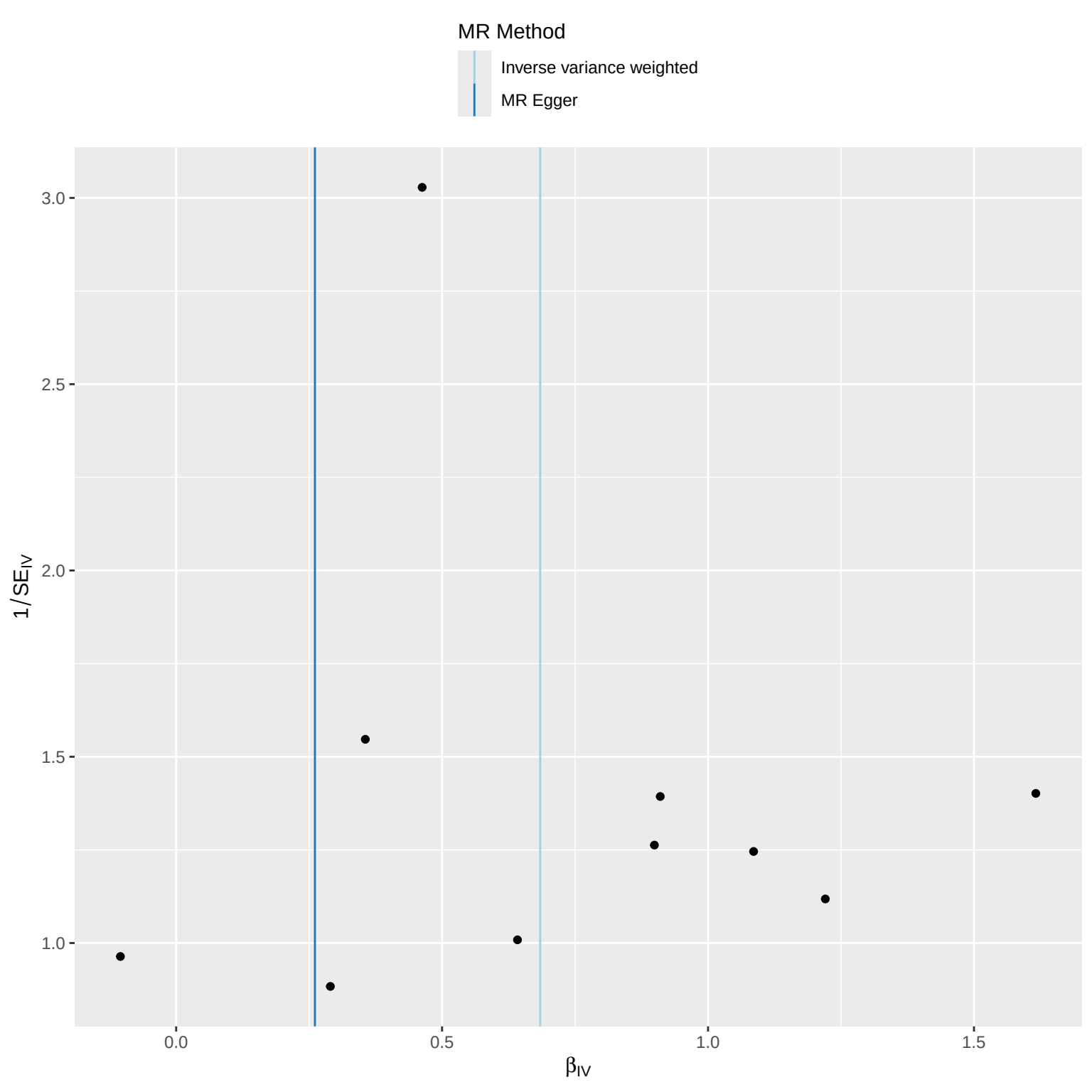

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

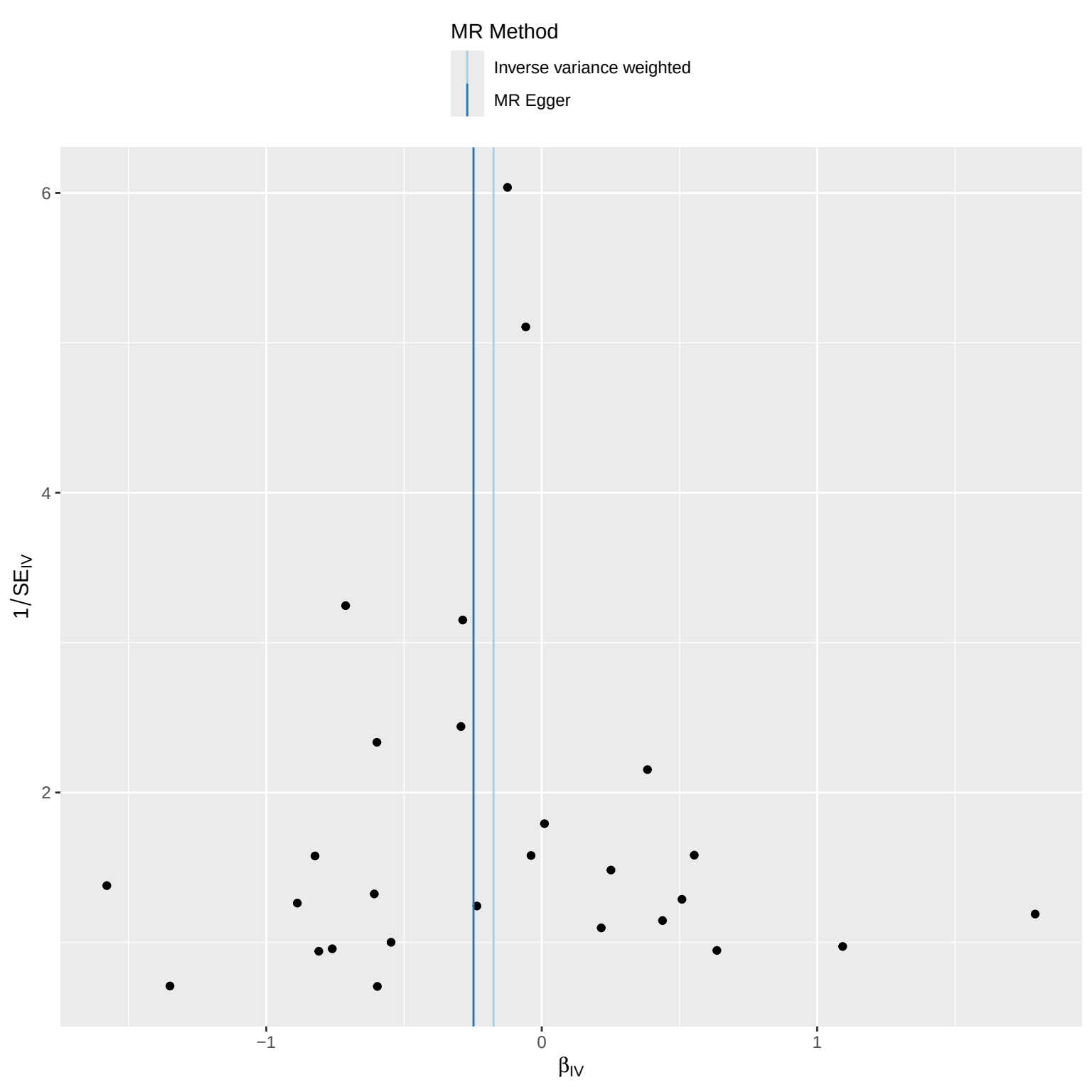

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1
2
1/SE_IV
β_IV

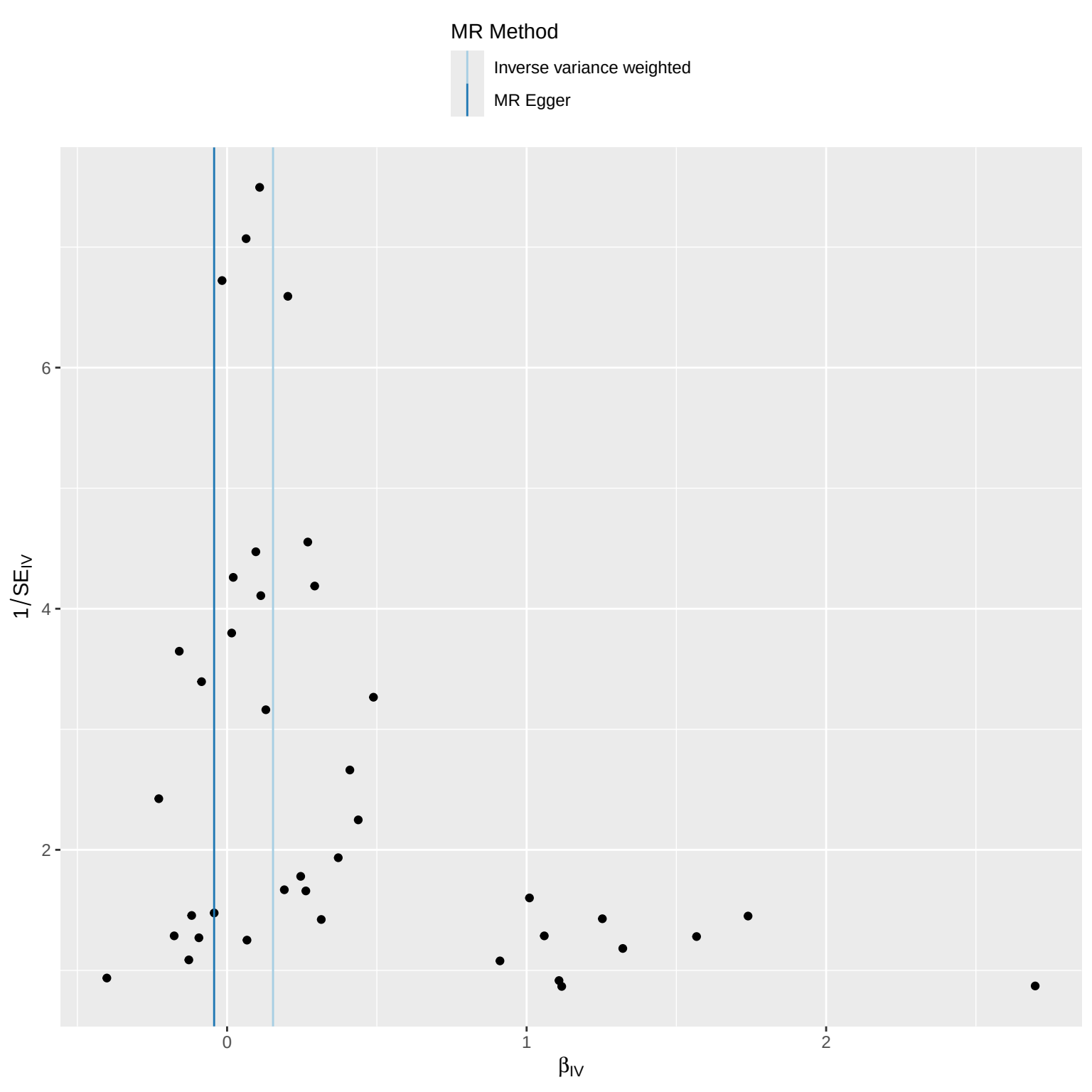

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

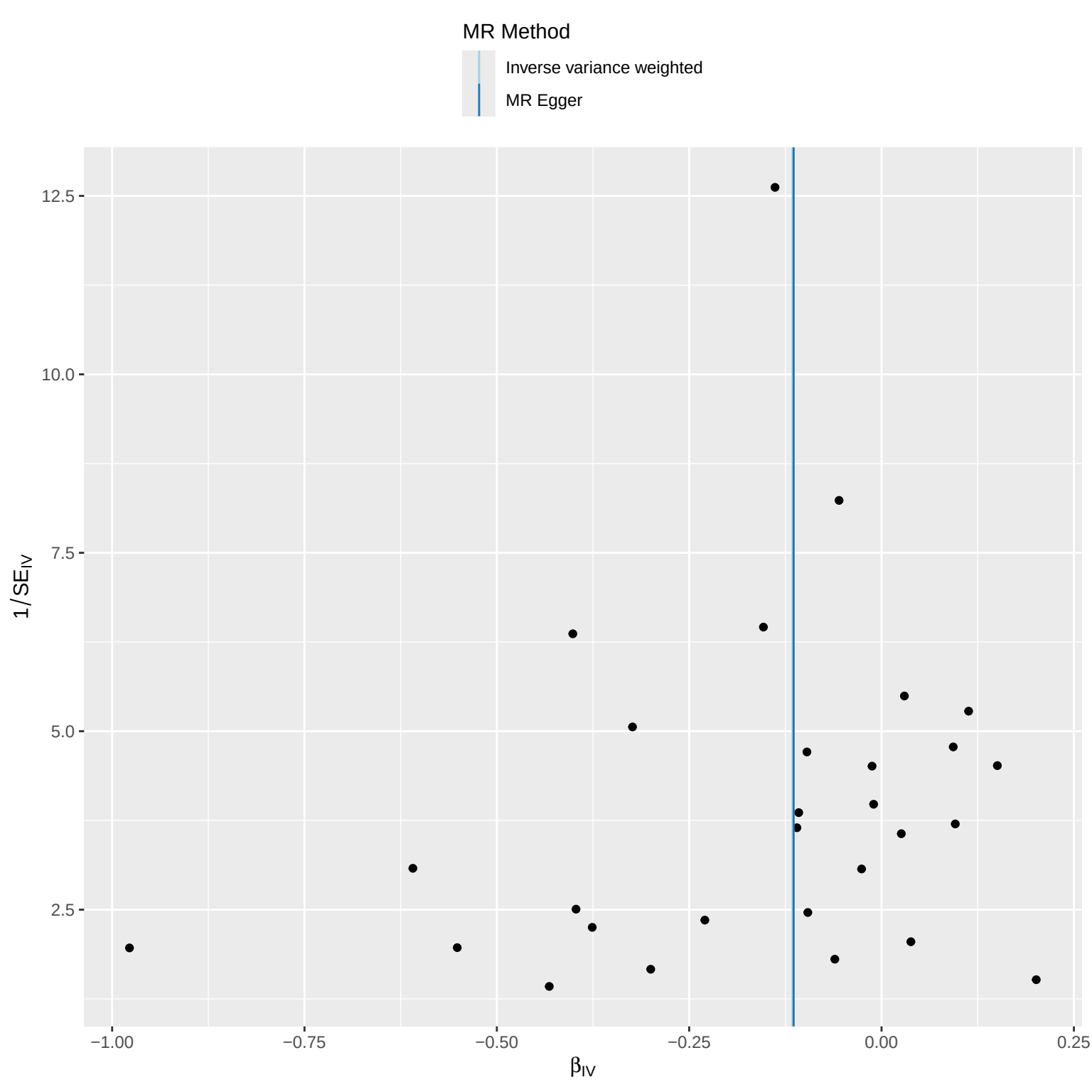

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

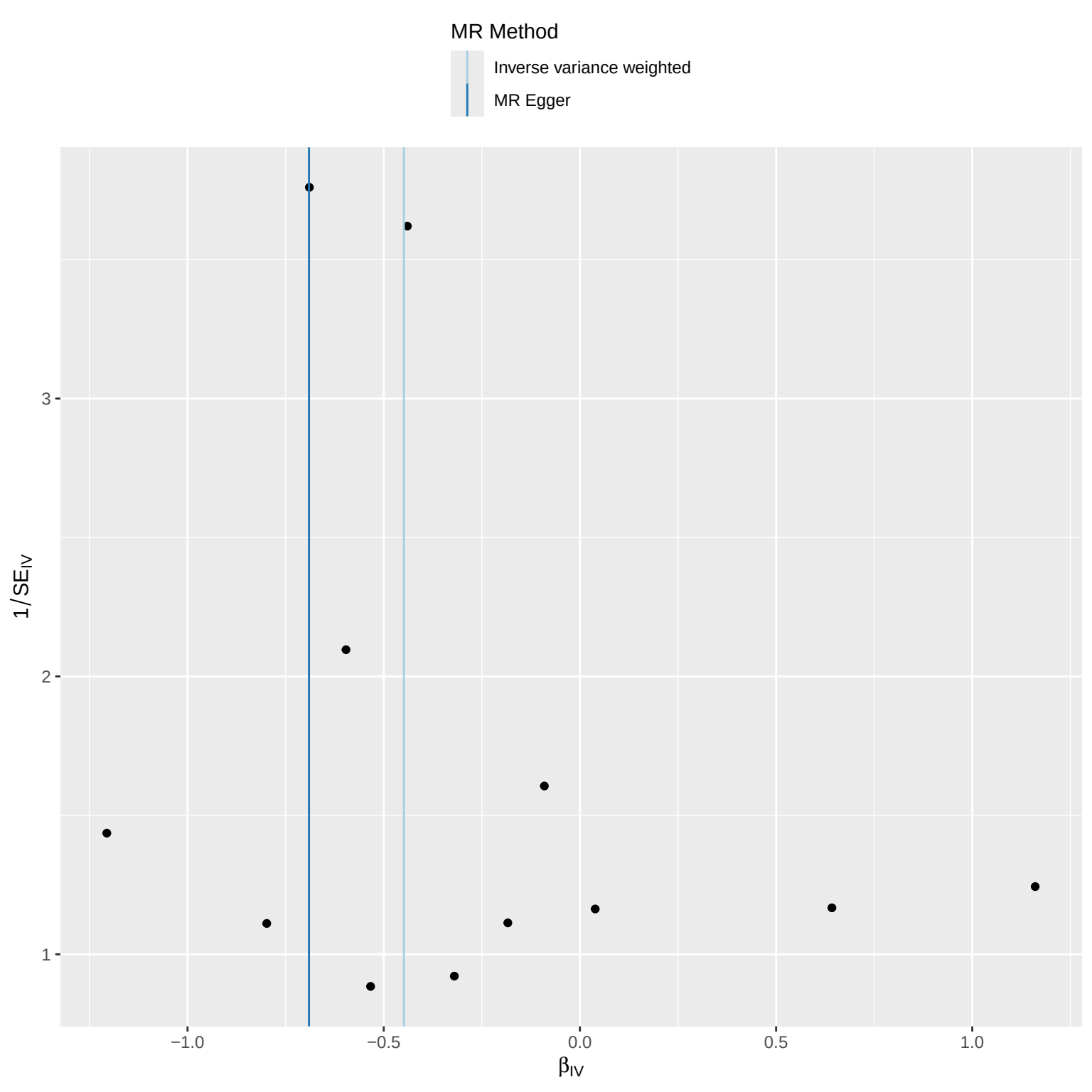

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

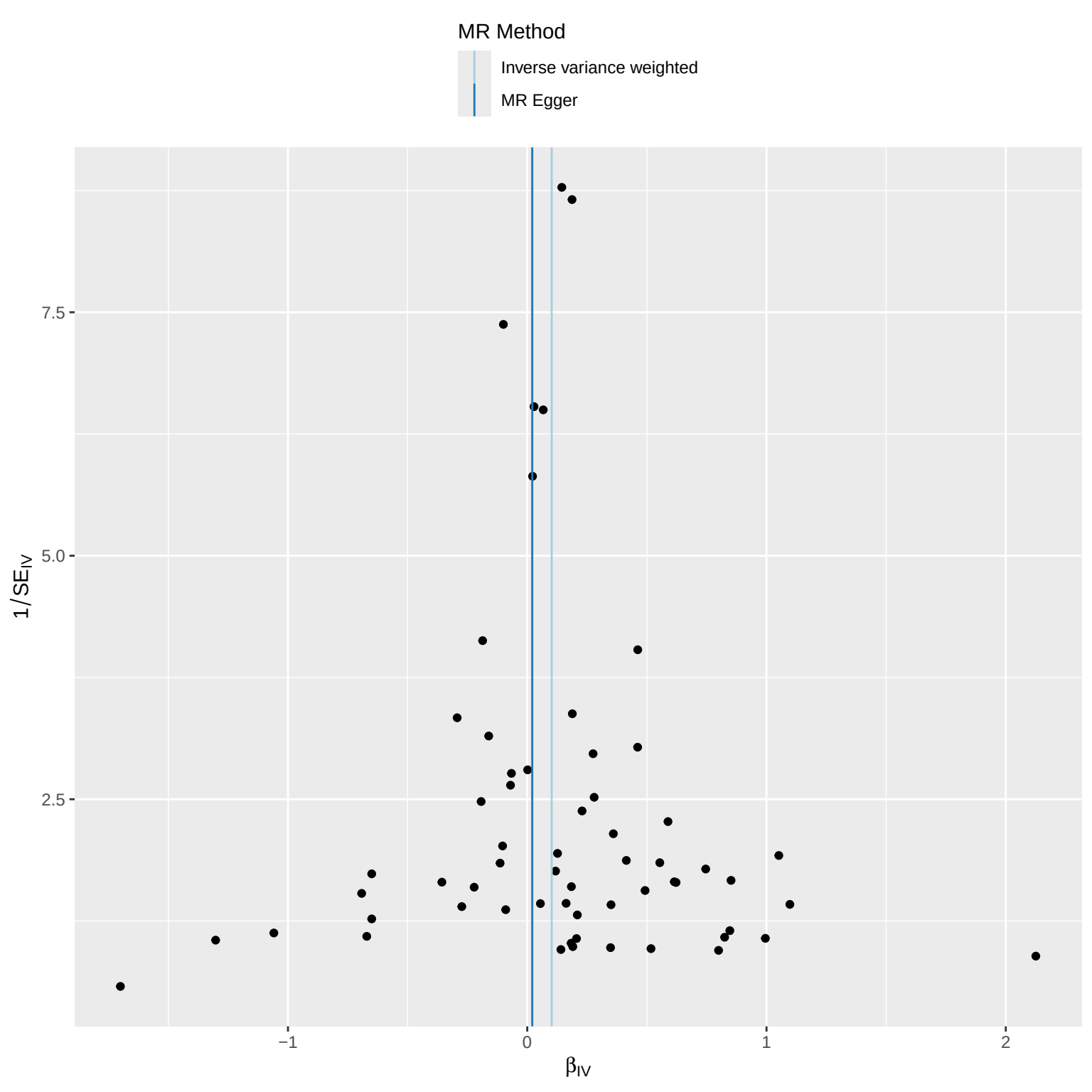

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

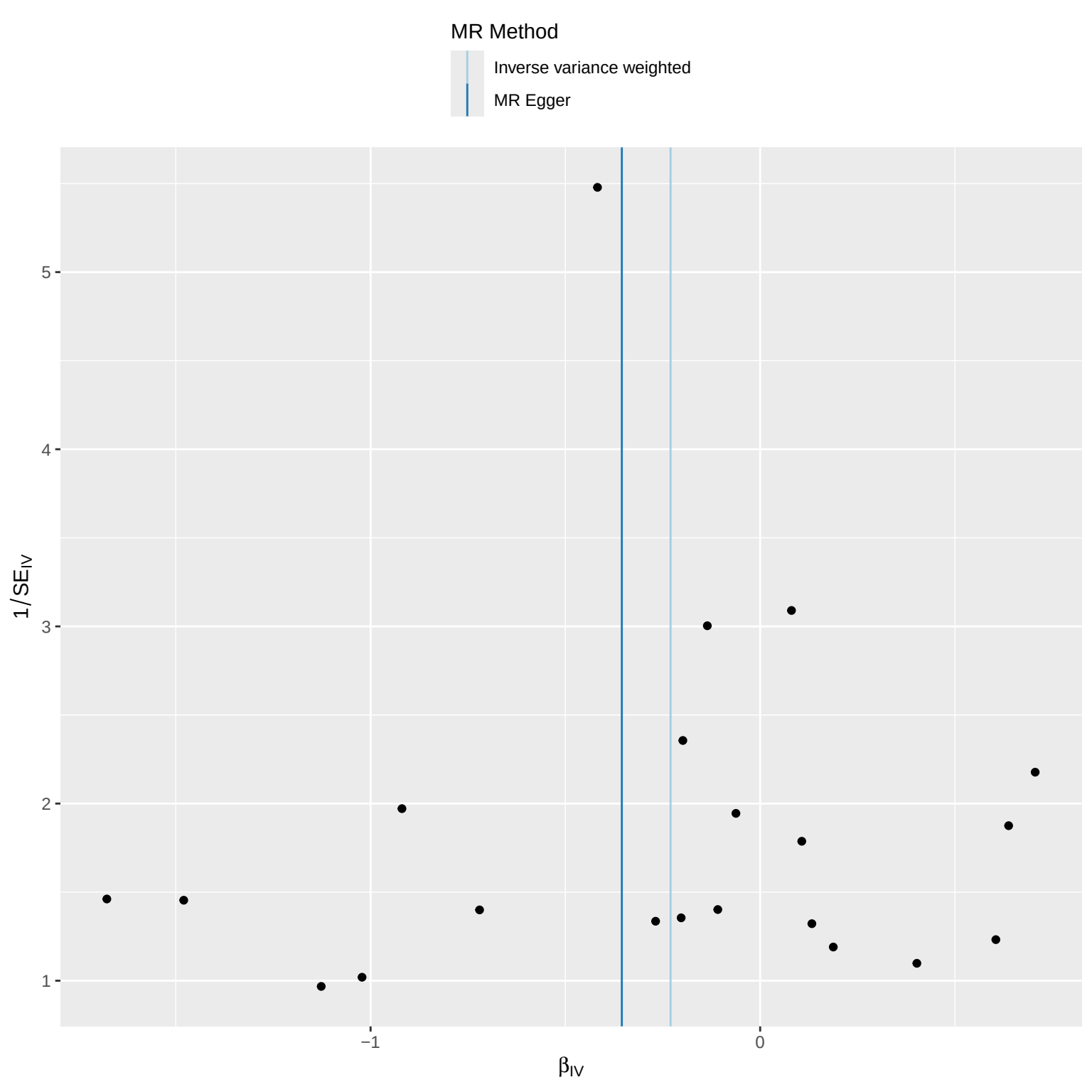

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

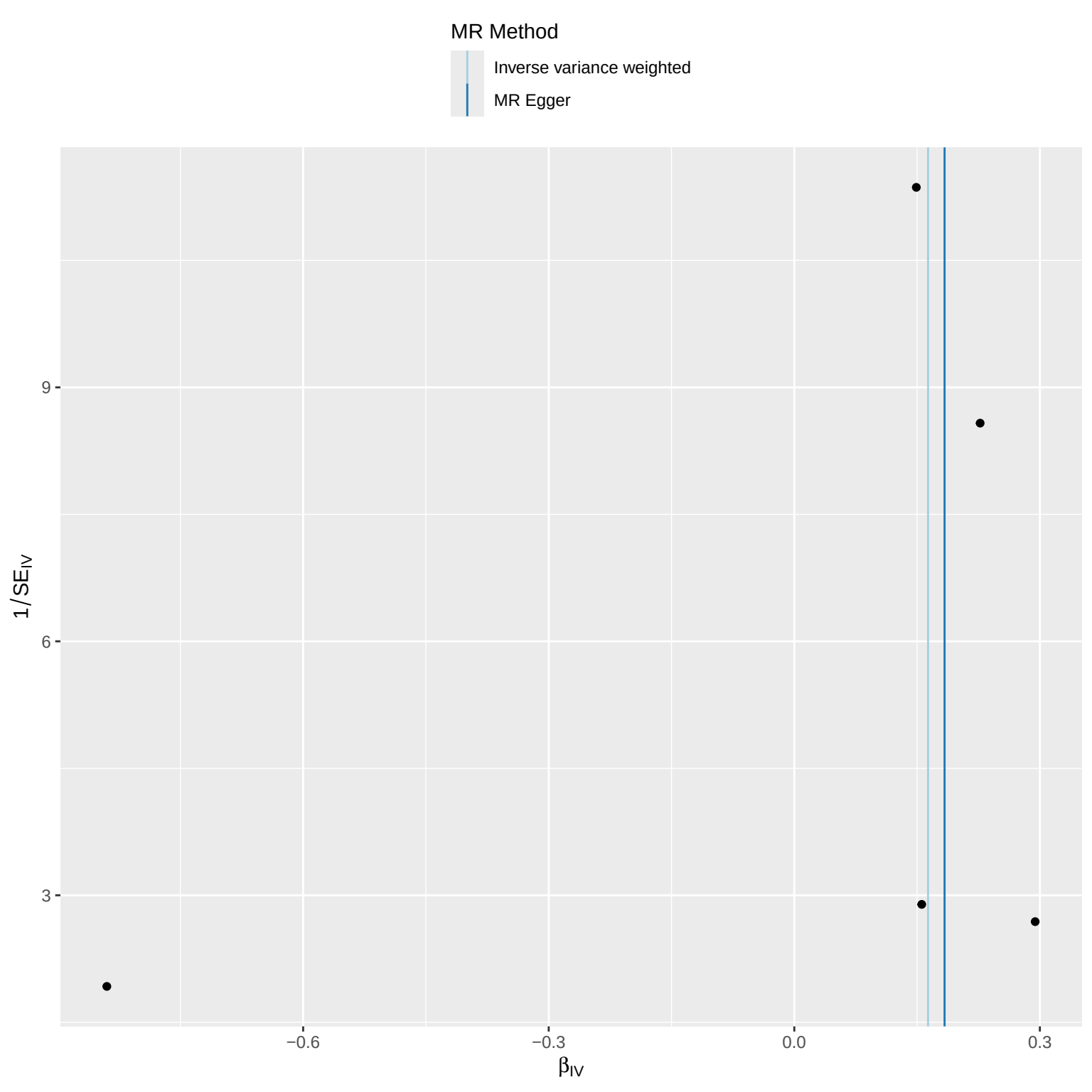

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

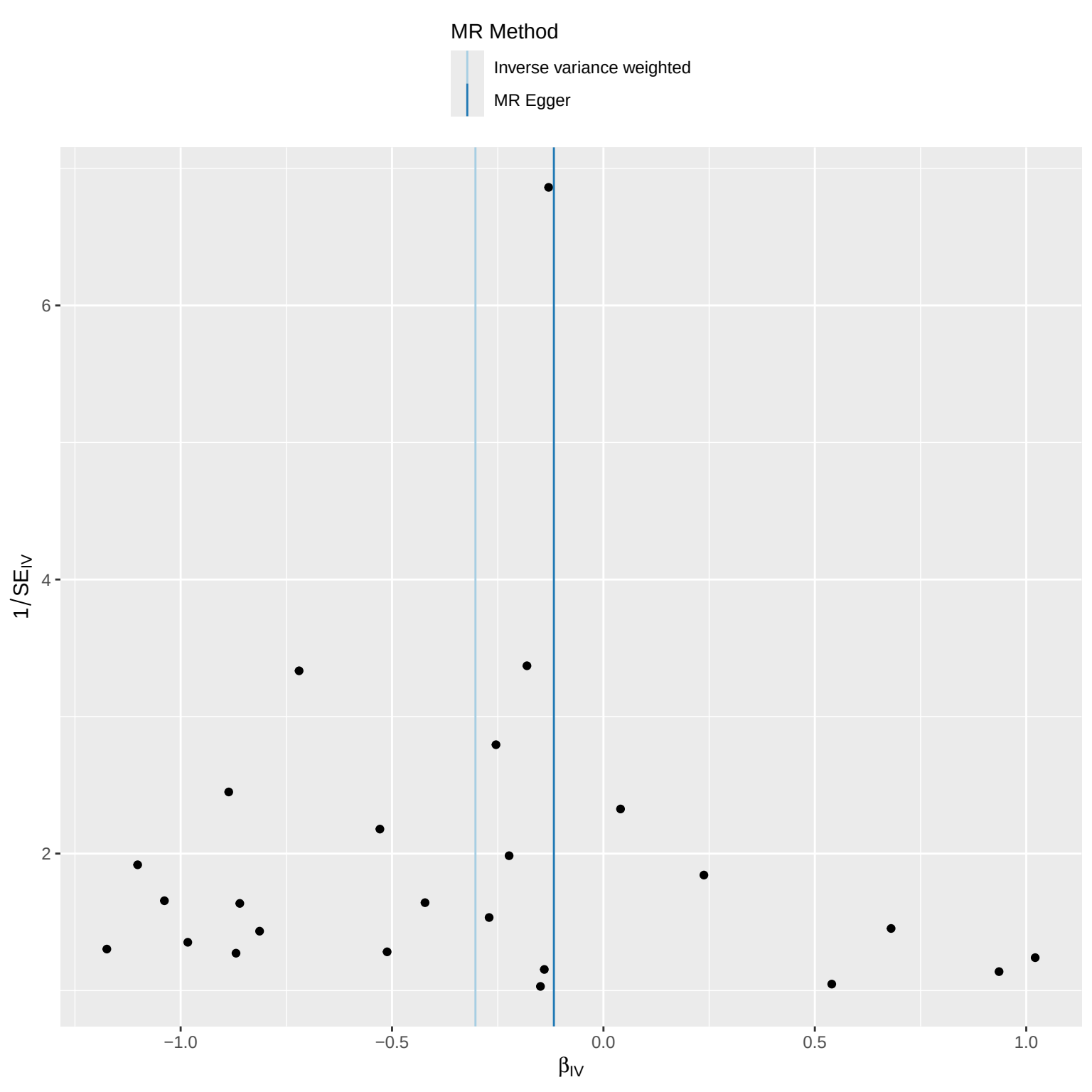

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
0.25
β_IV

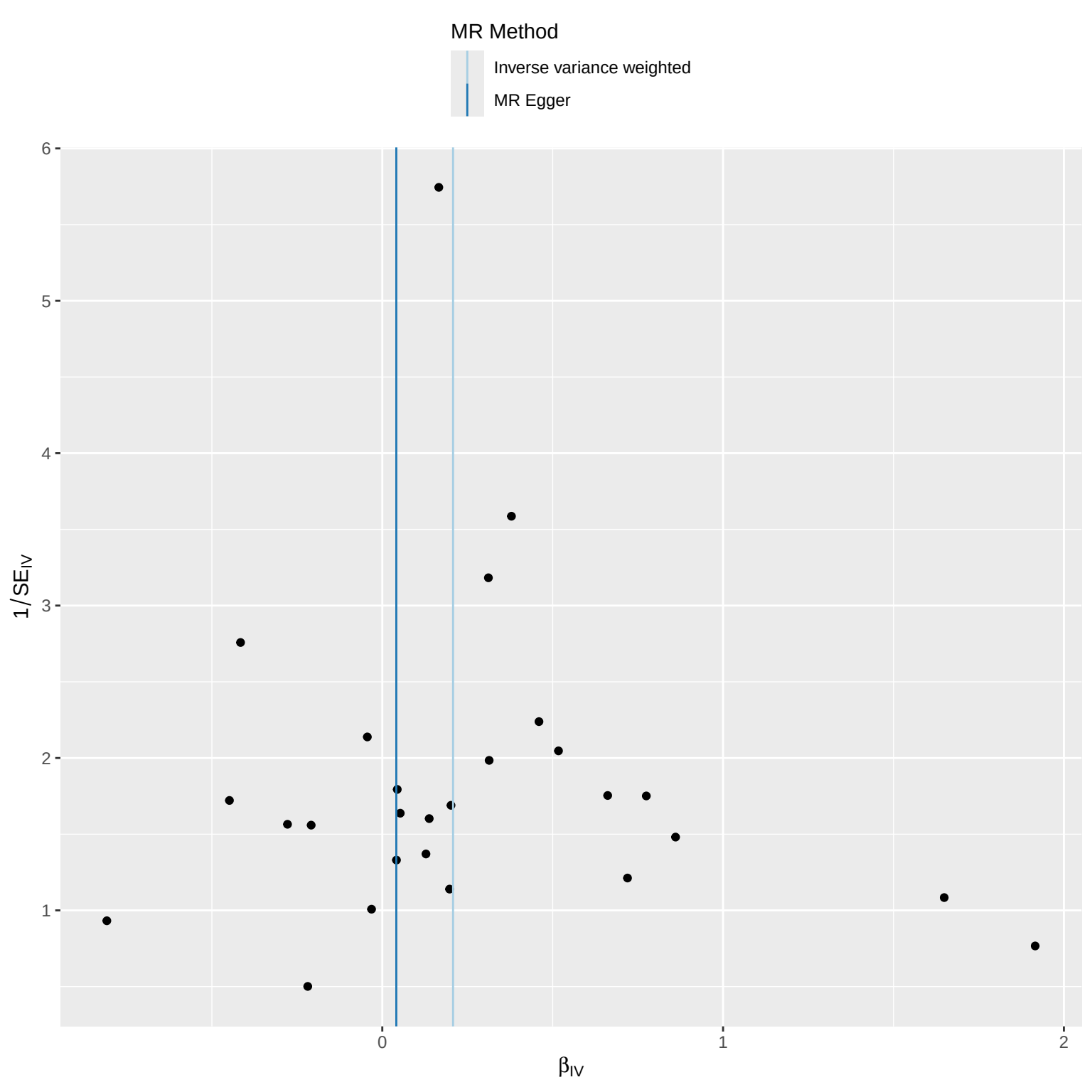

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

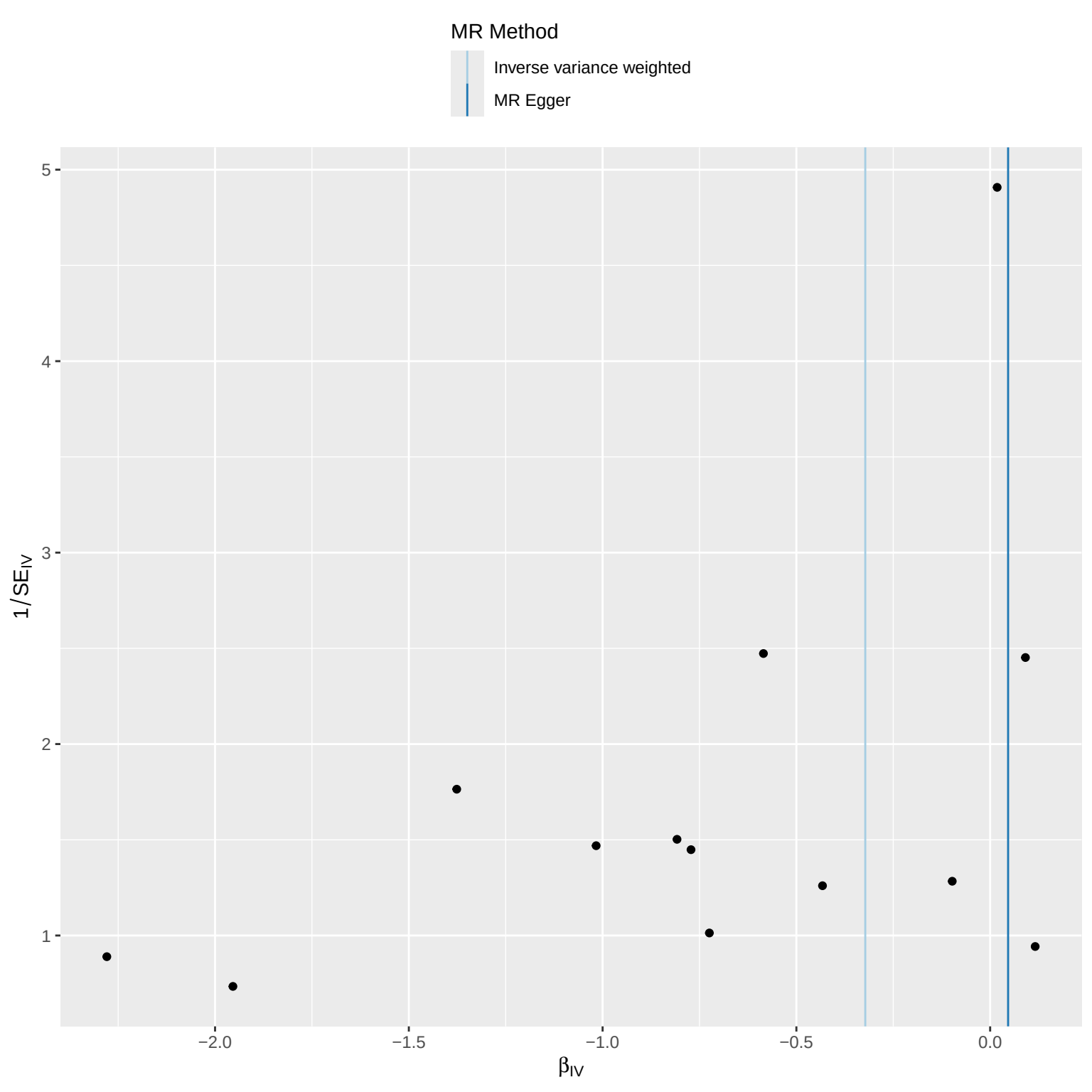

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

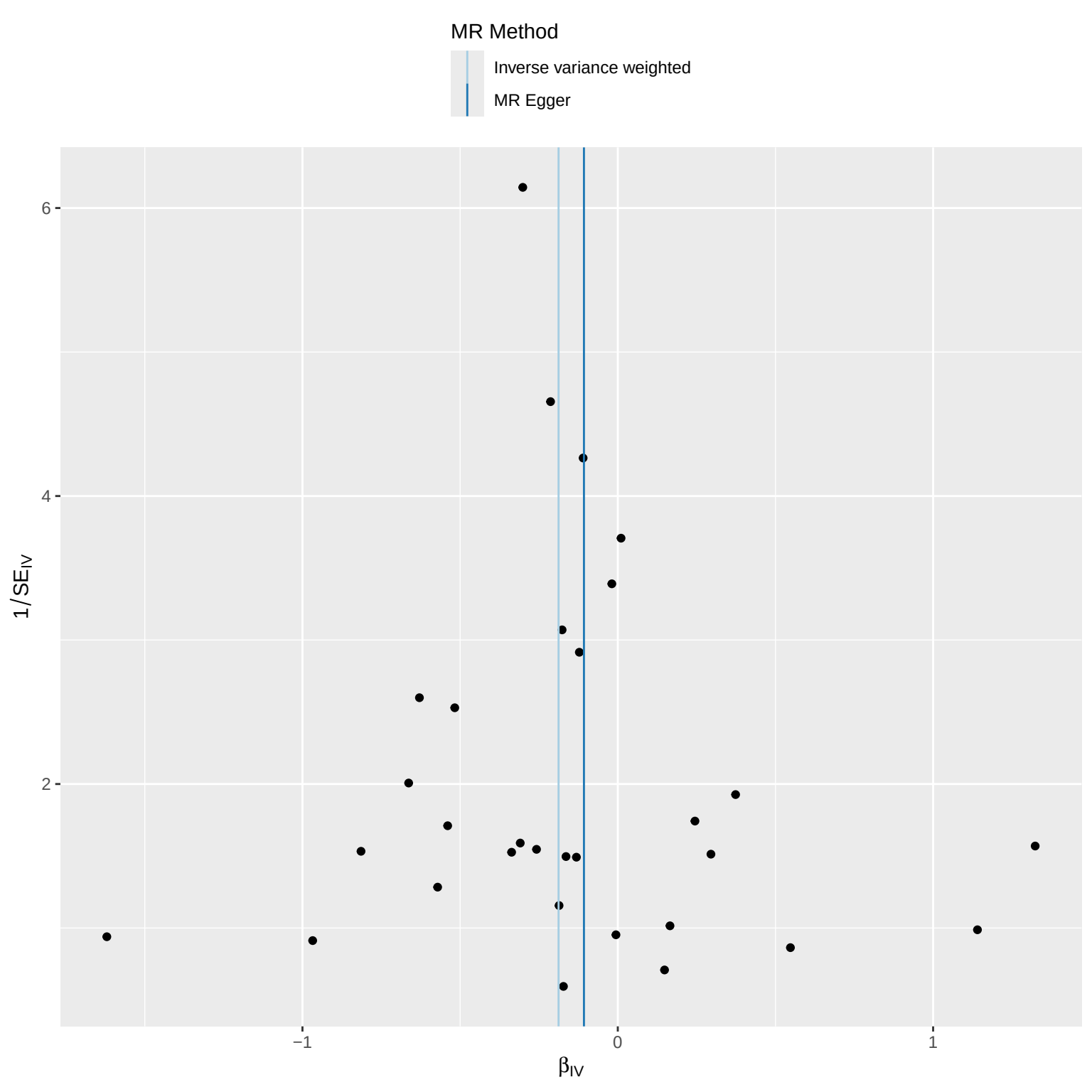

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
β_IV

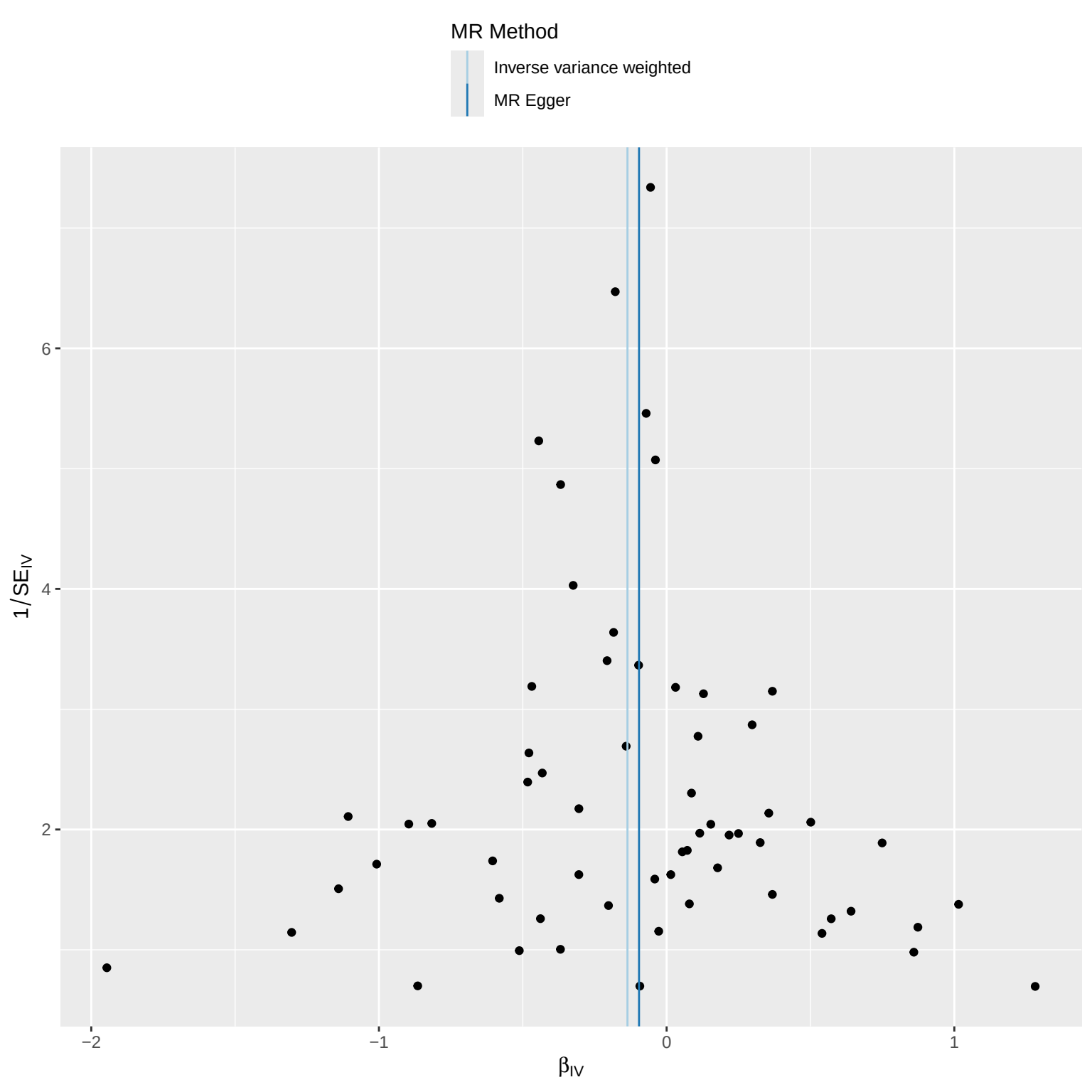

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

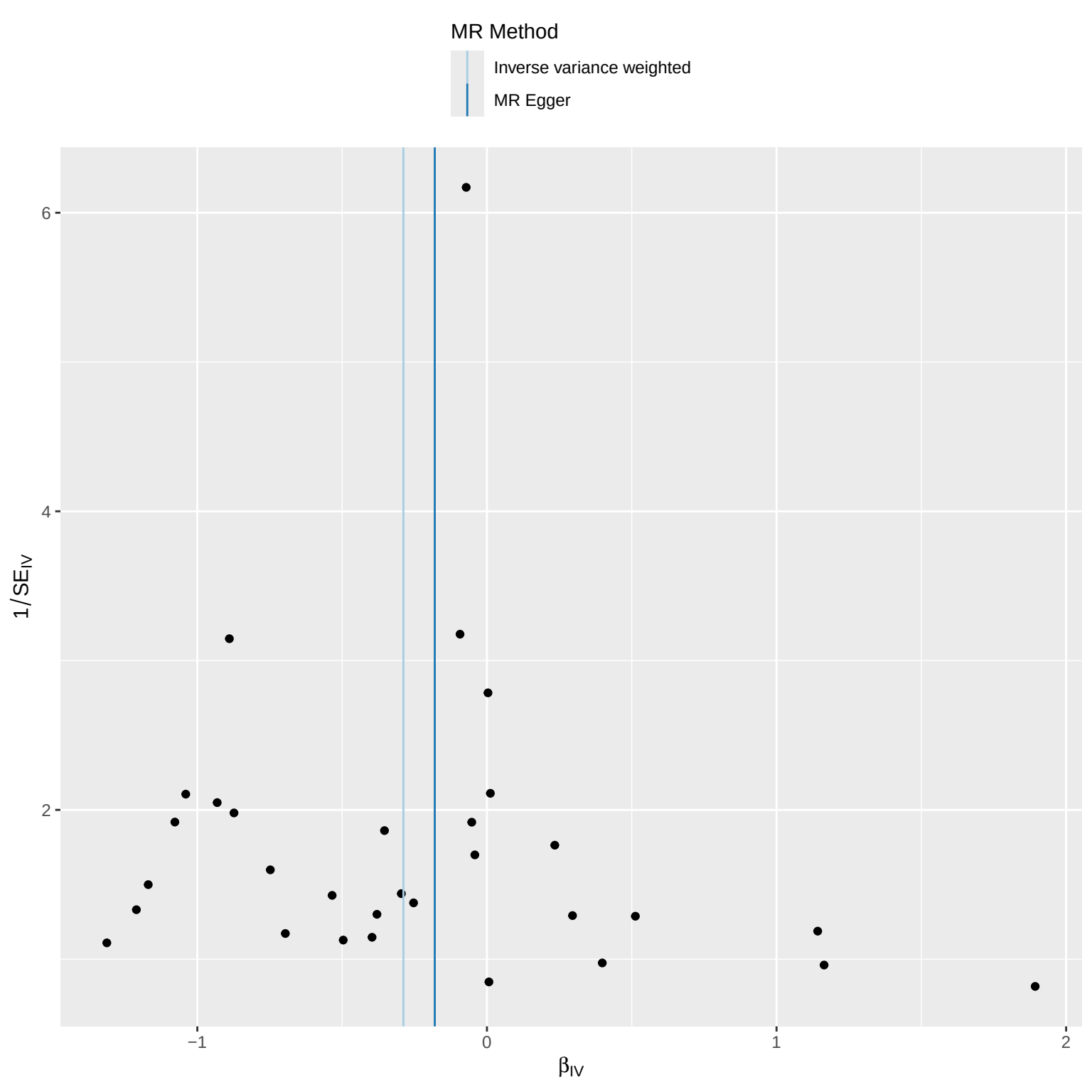

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

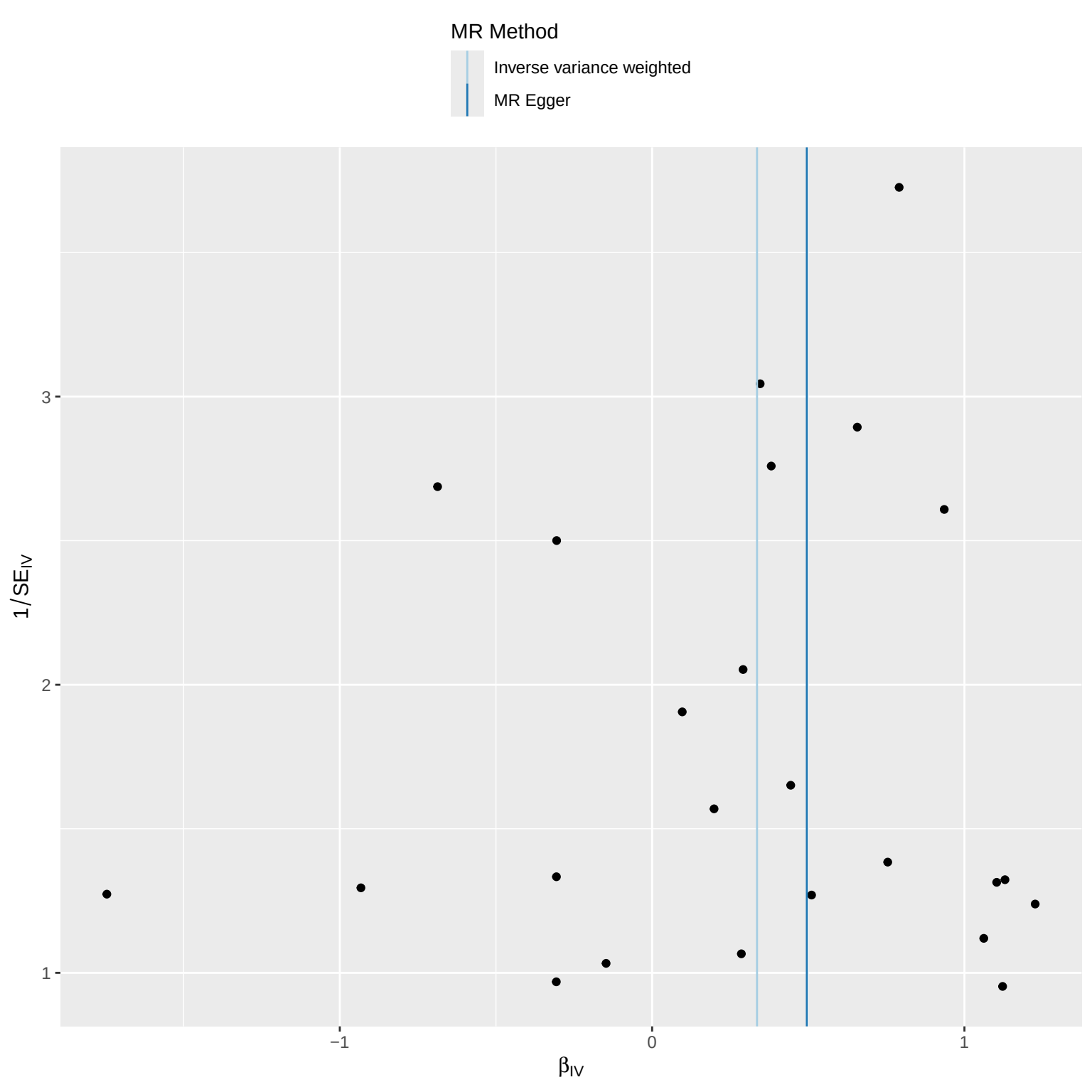

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
0
1
2
1/SE_IV
β_IV

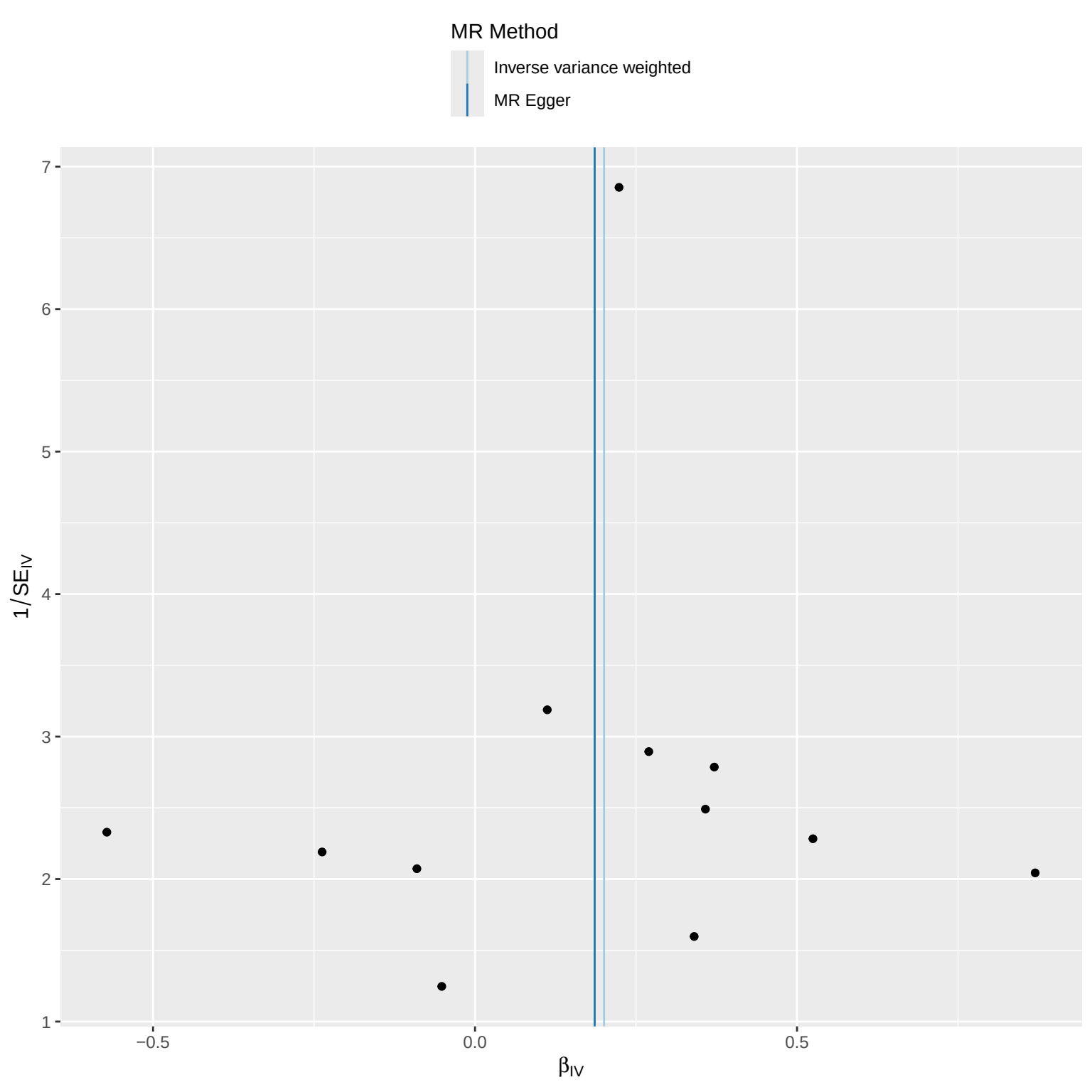

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

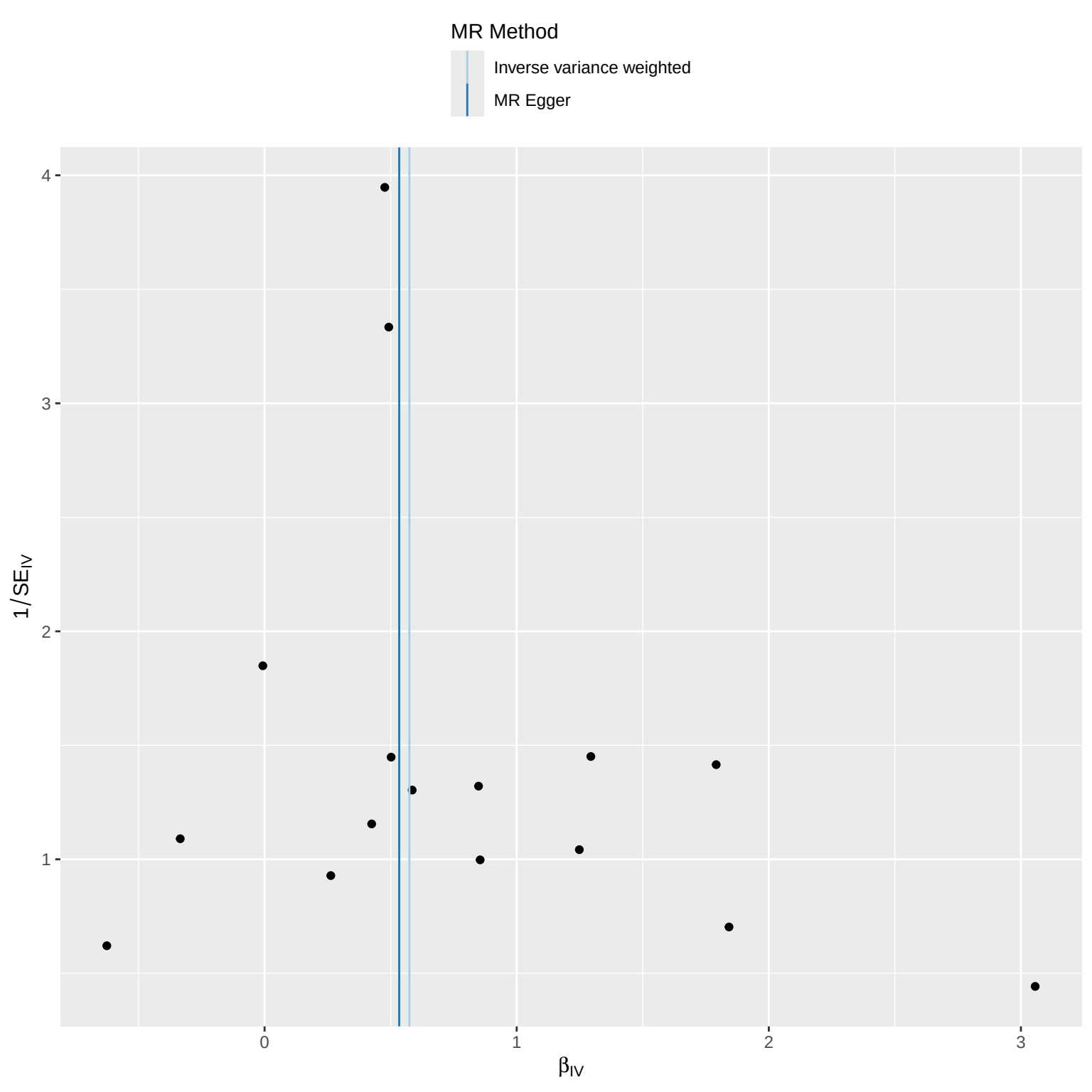

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

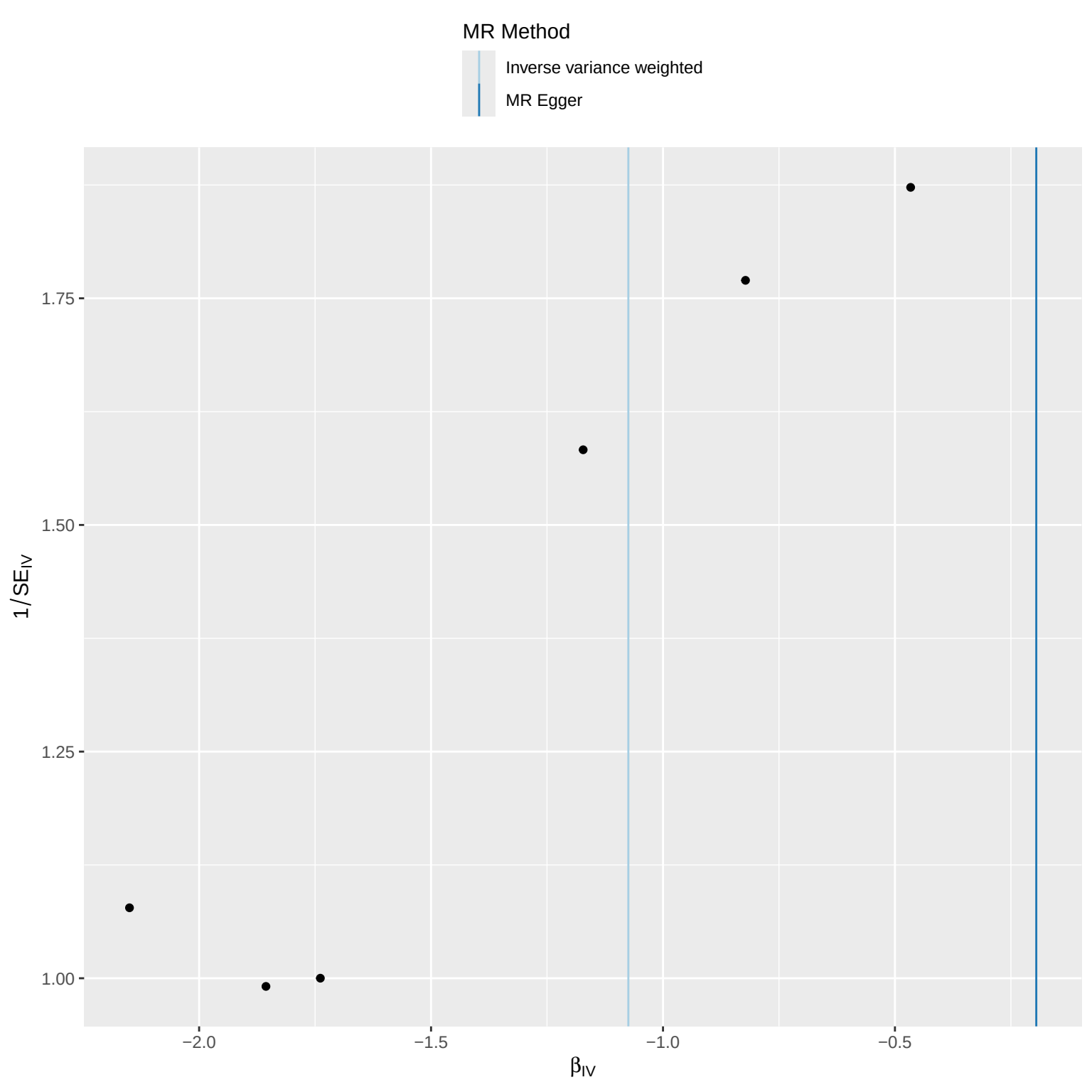

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

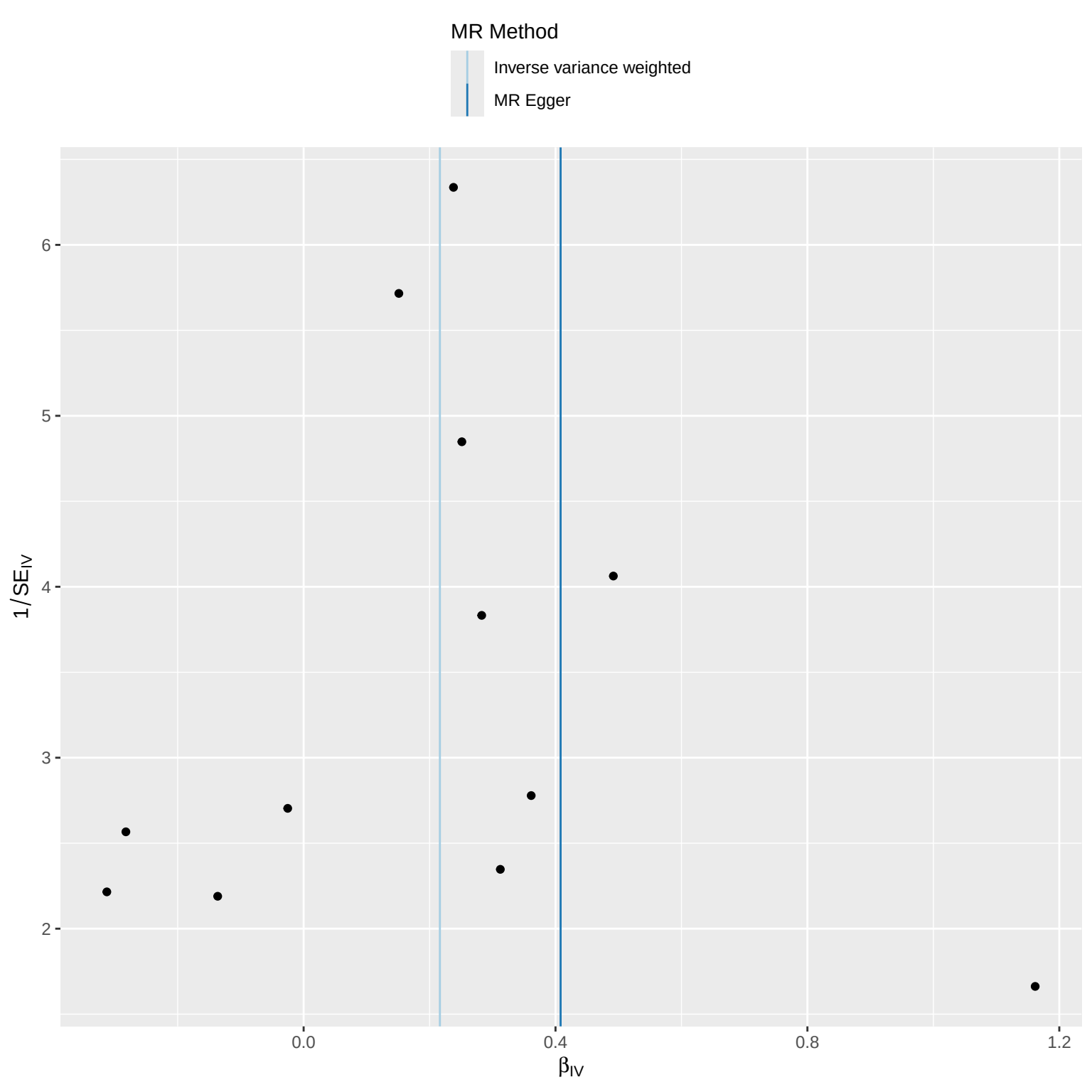

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

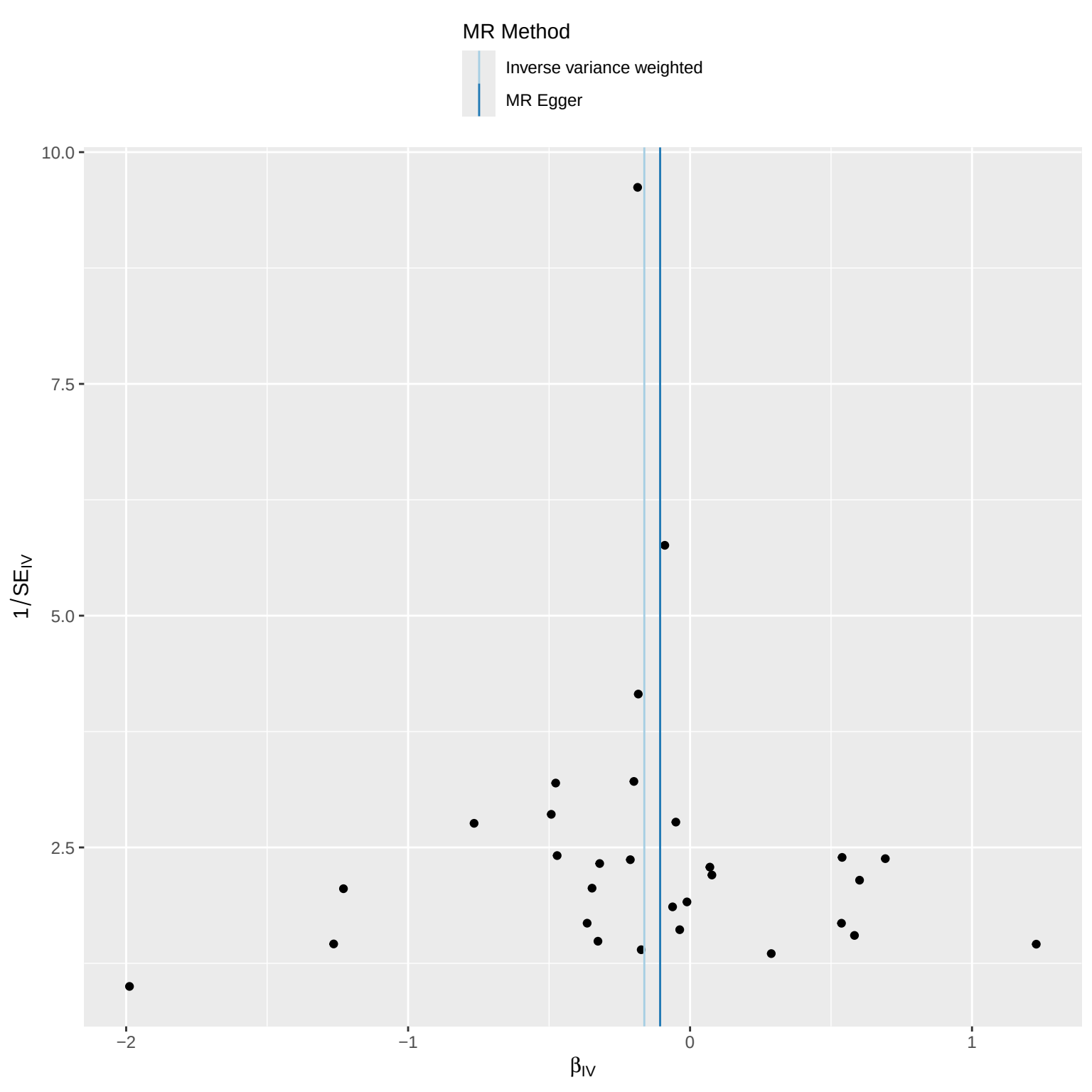

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

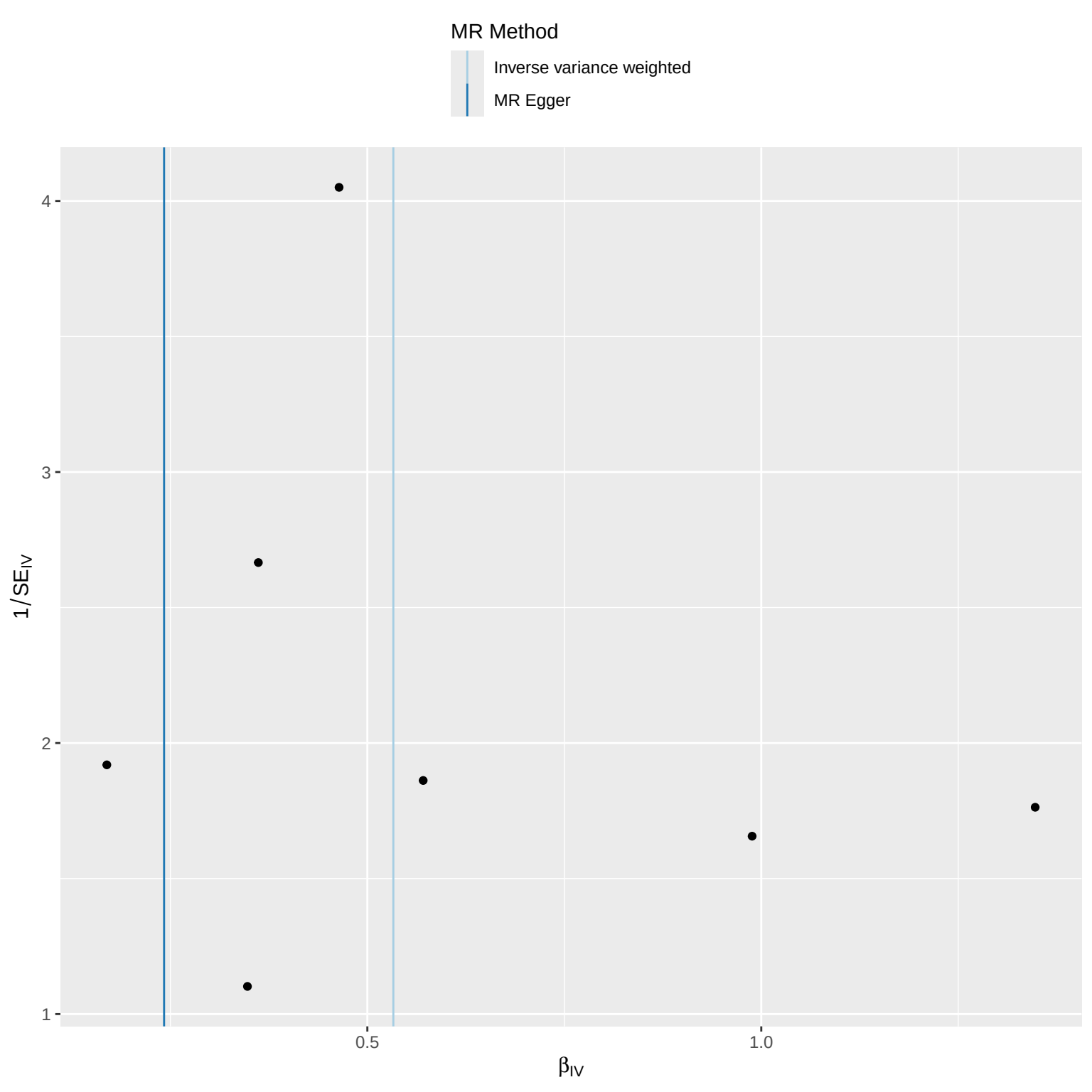

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
β_IV

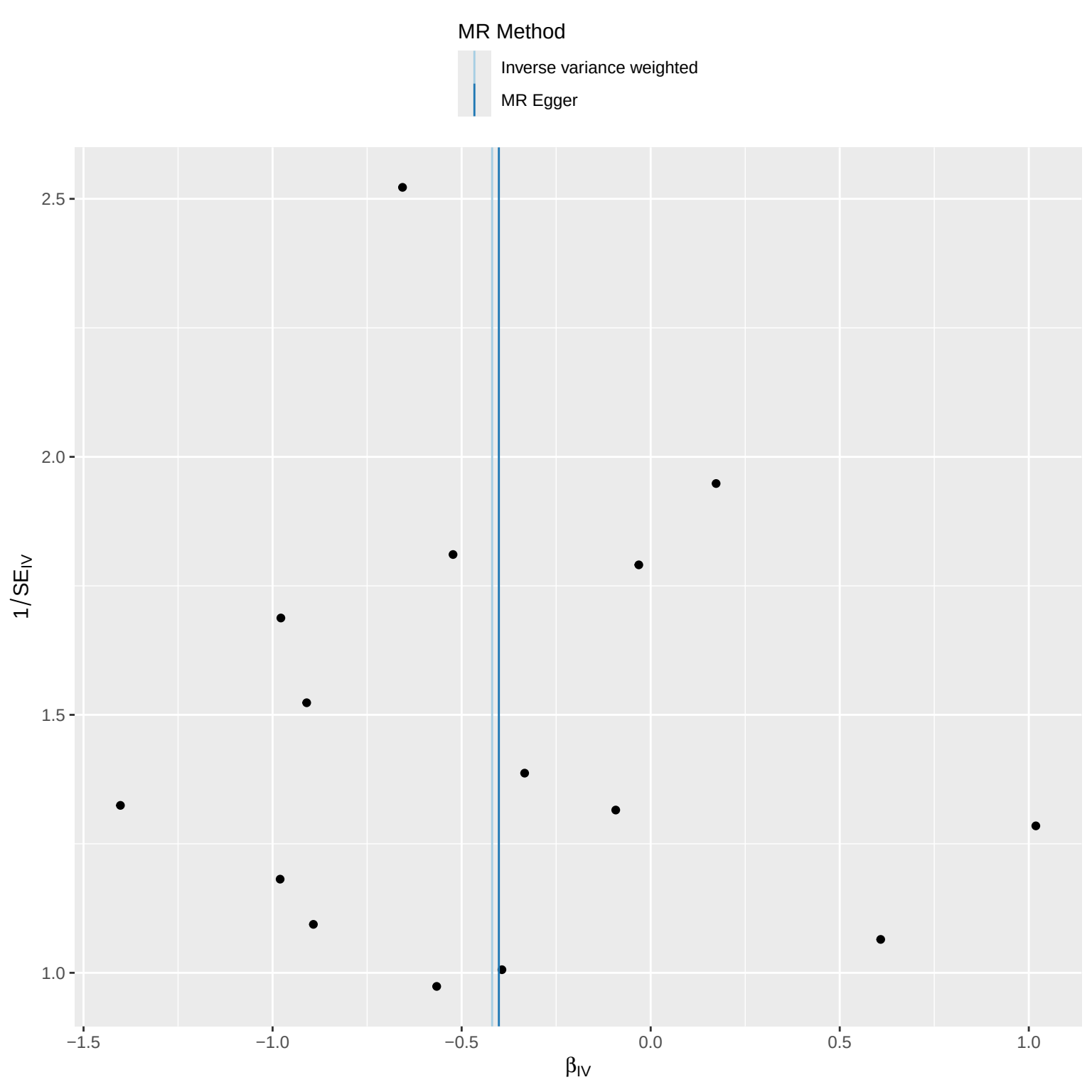

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

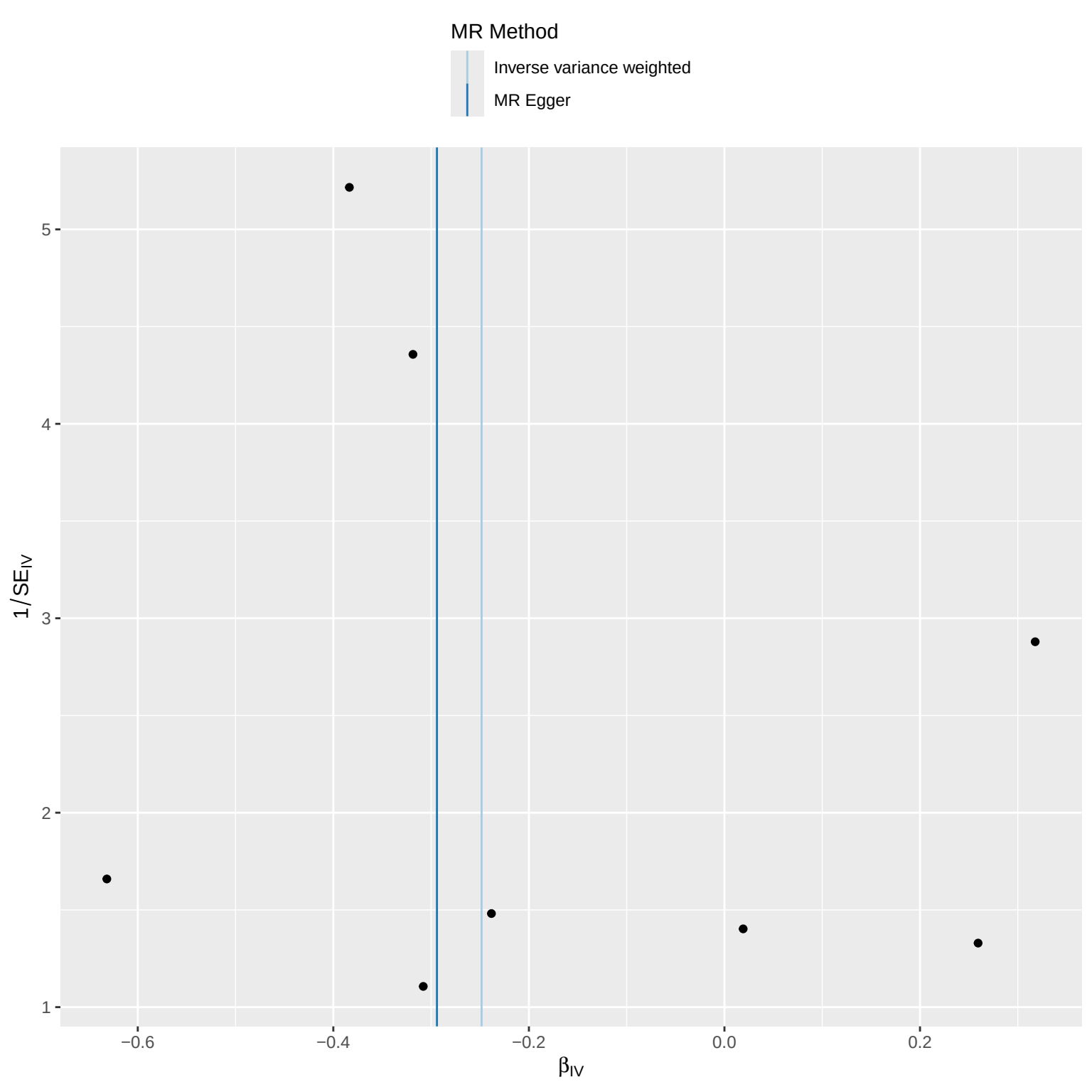

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

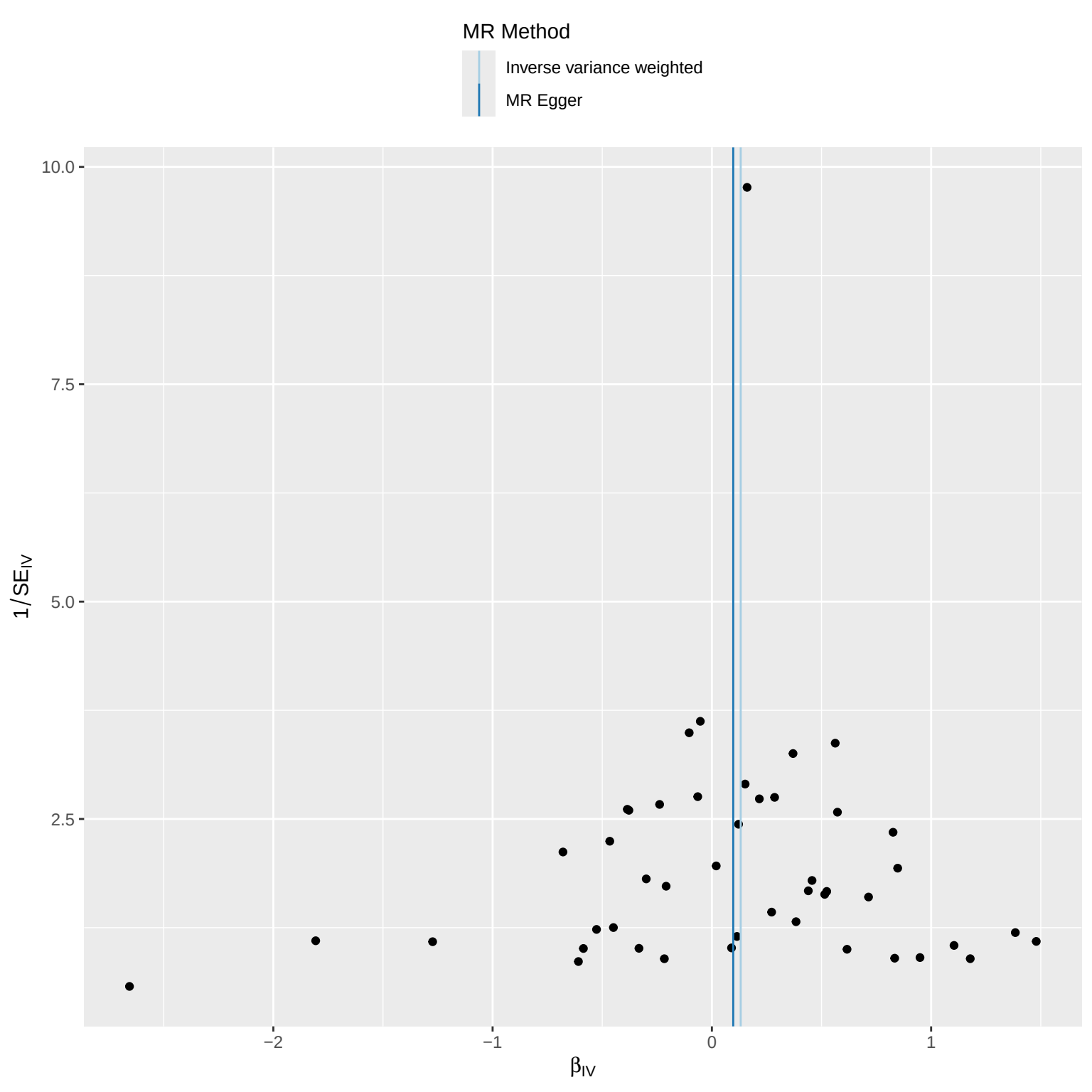

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

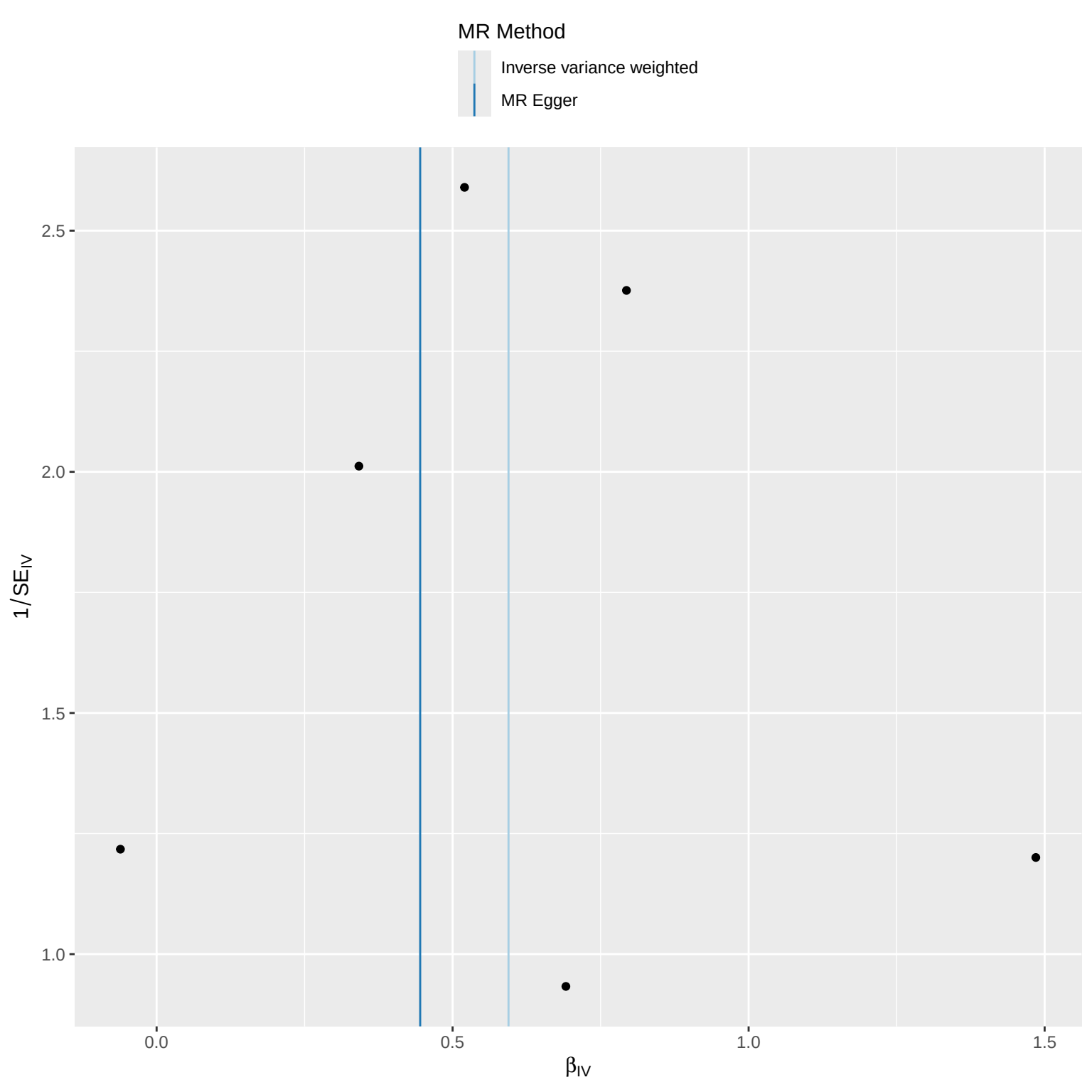

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

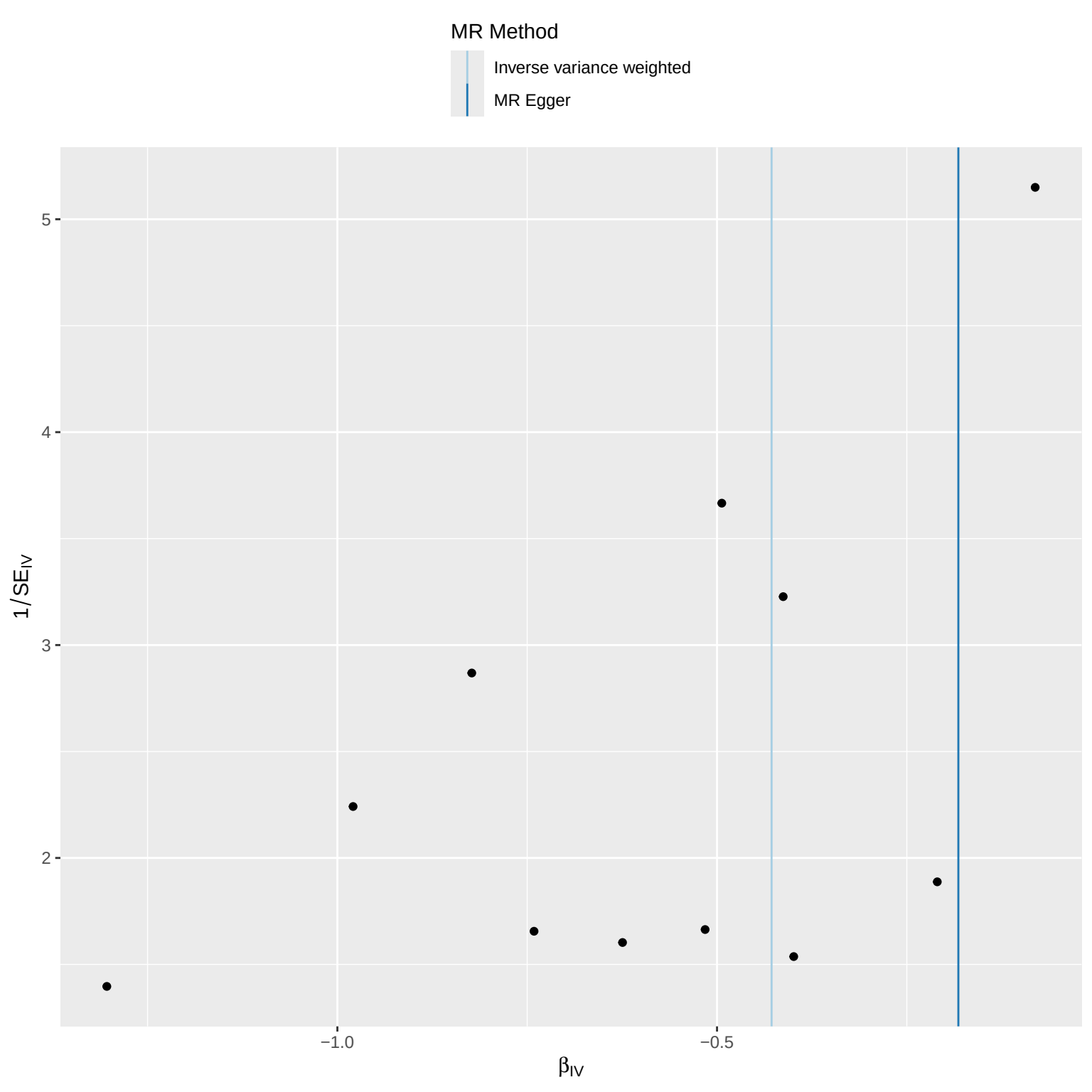

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.5
1.0
β_IV

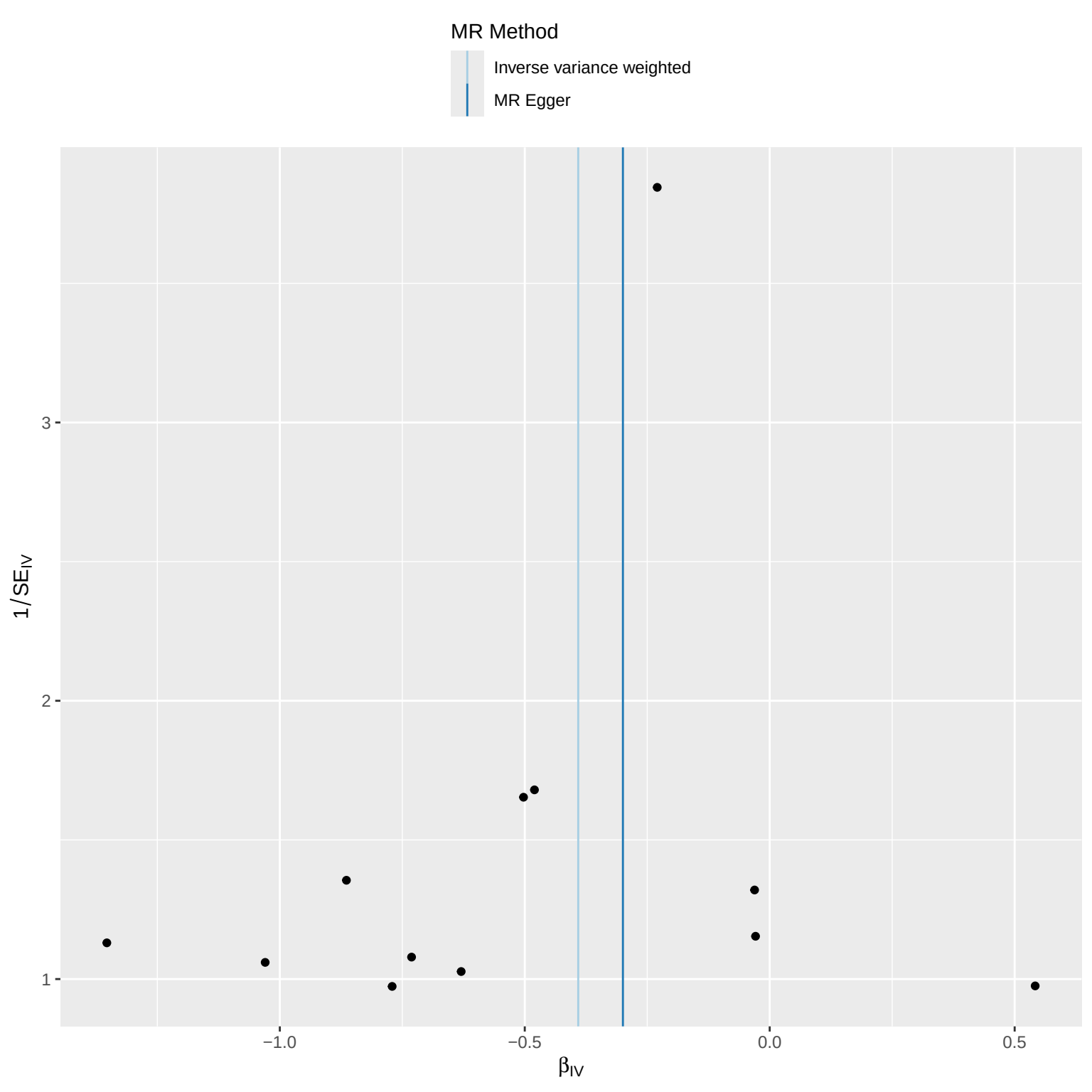

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

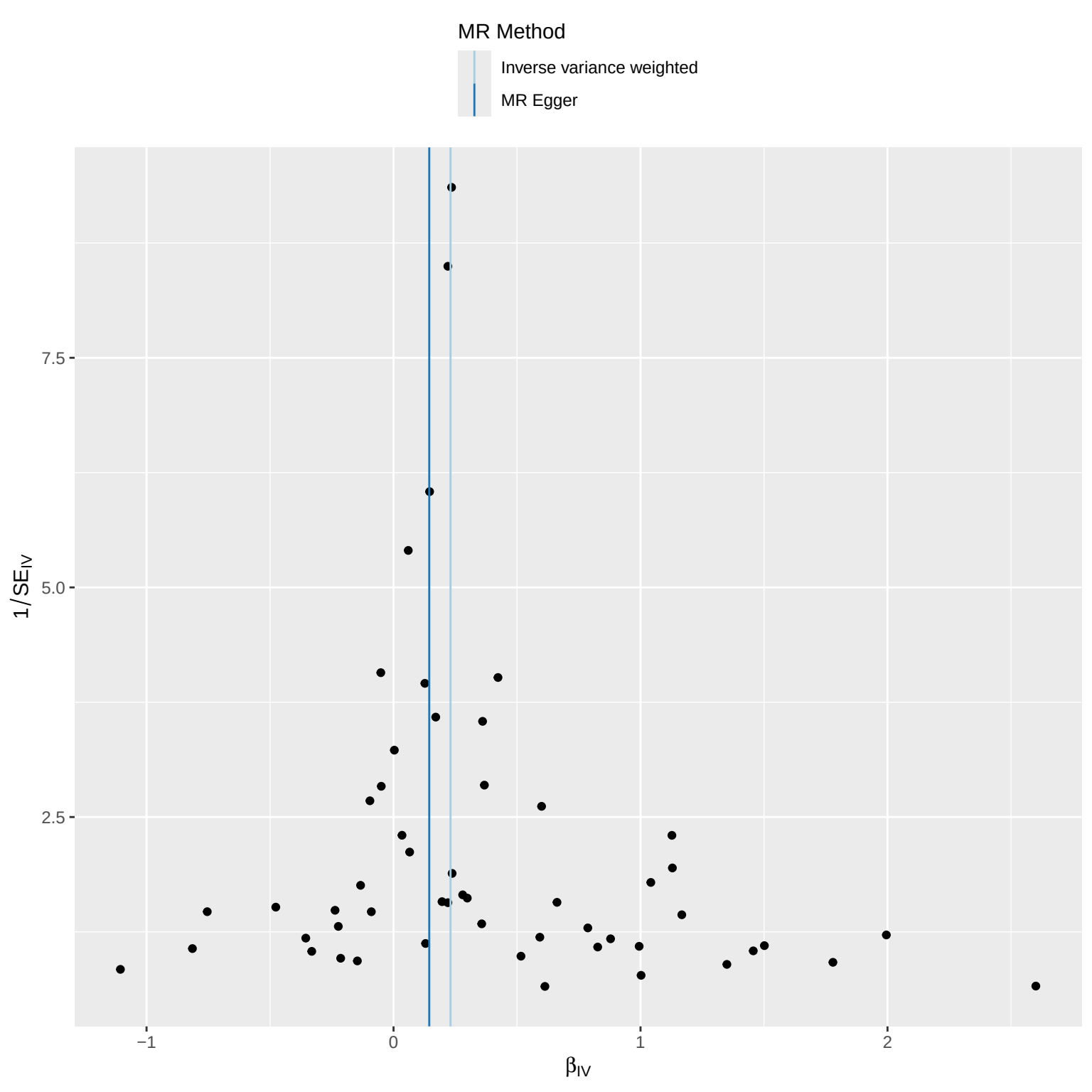

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
β_IV

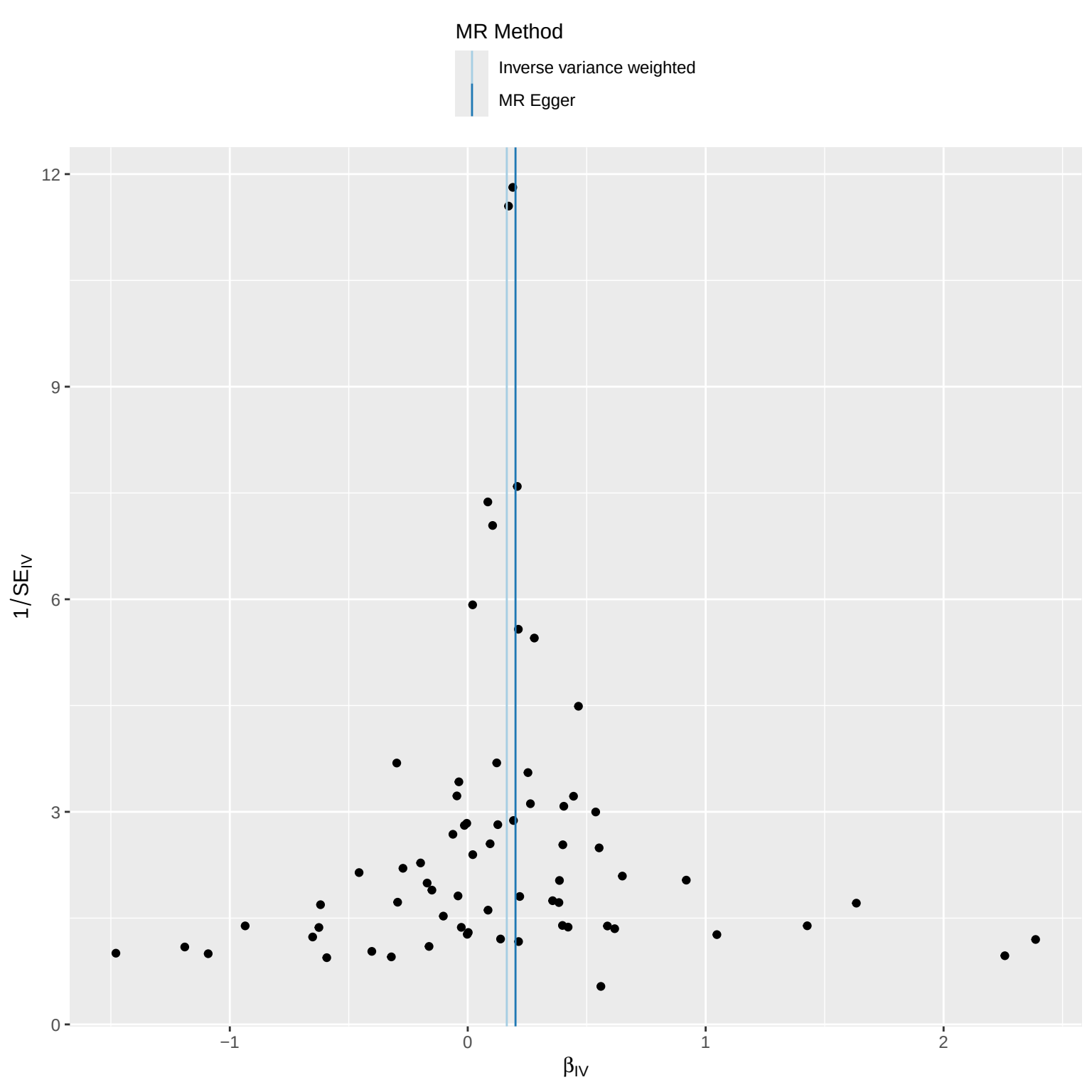

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

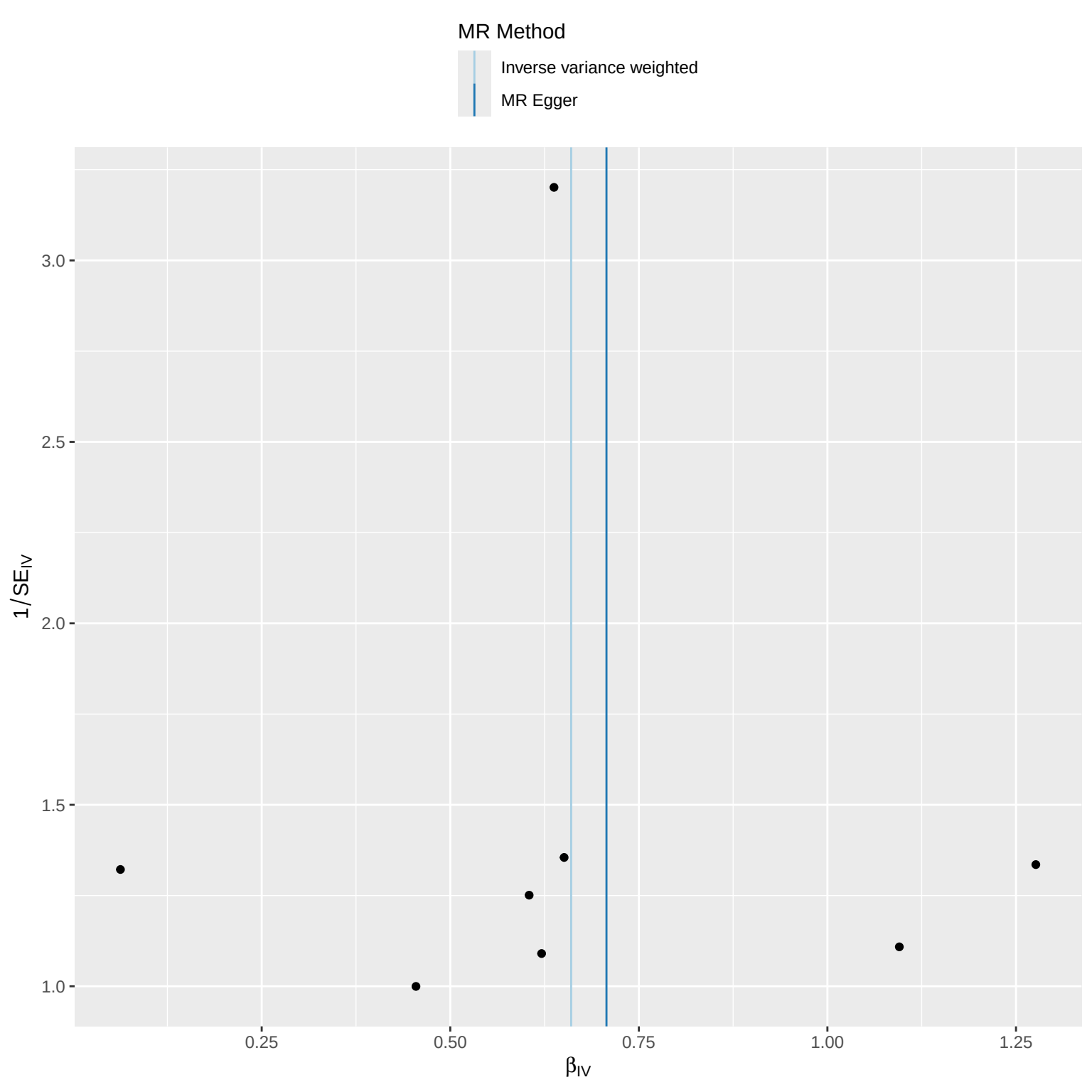

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

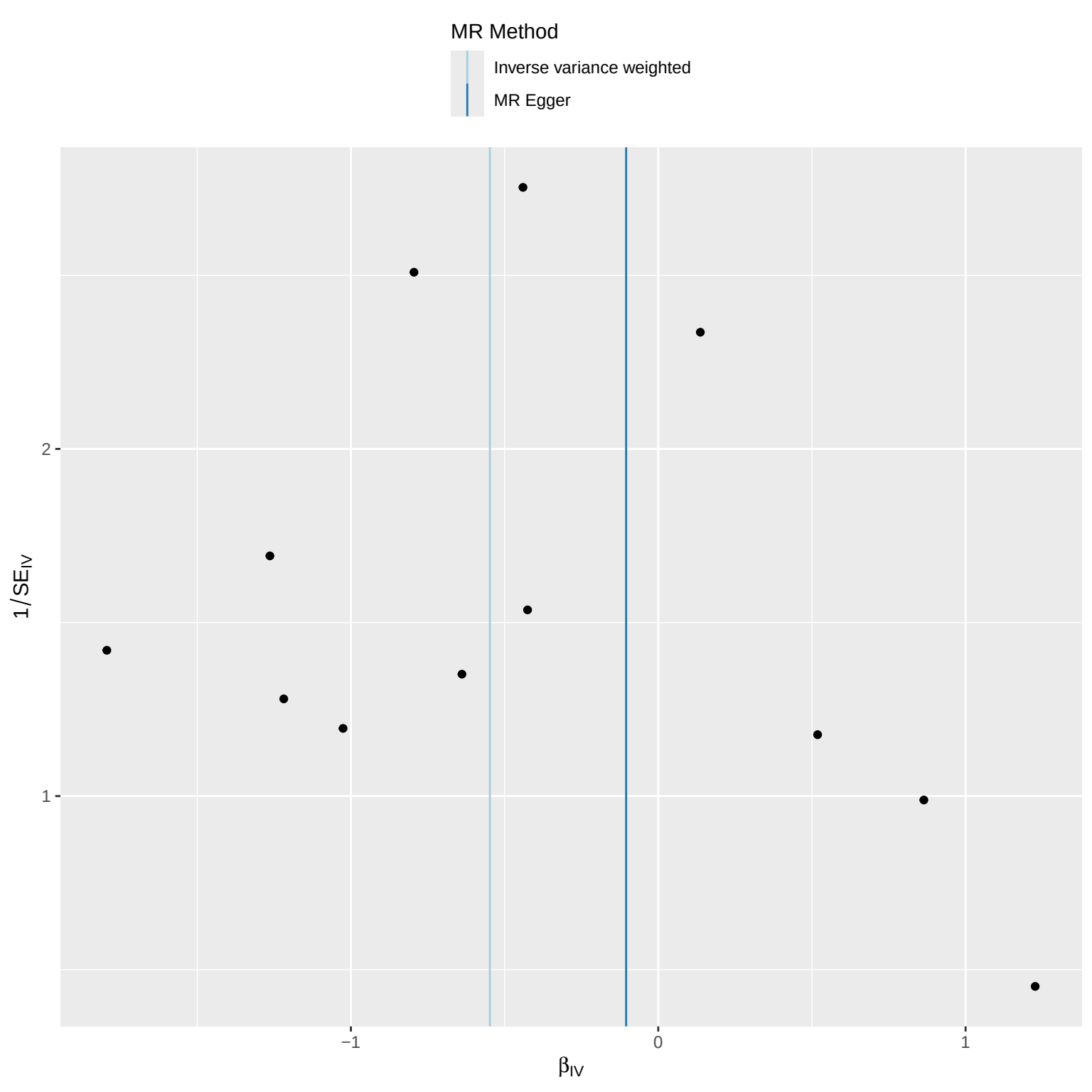

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.0
−0.5
β_IV

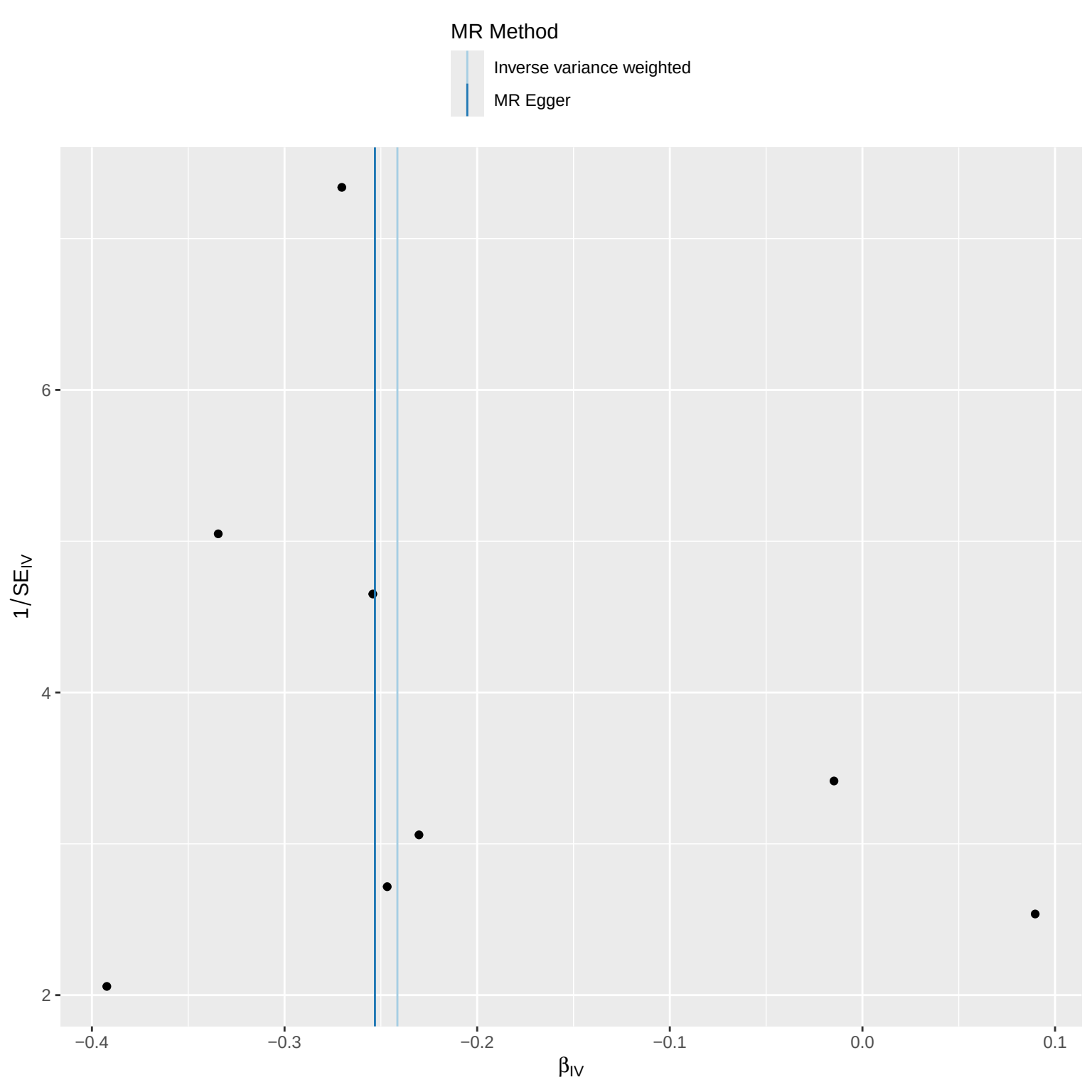

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

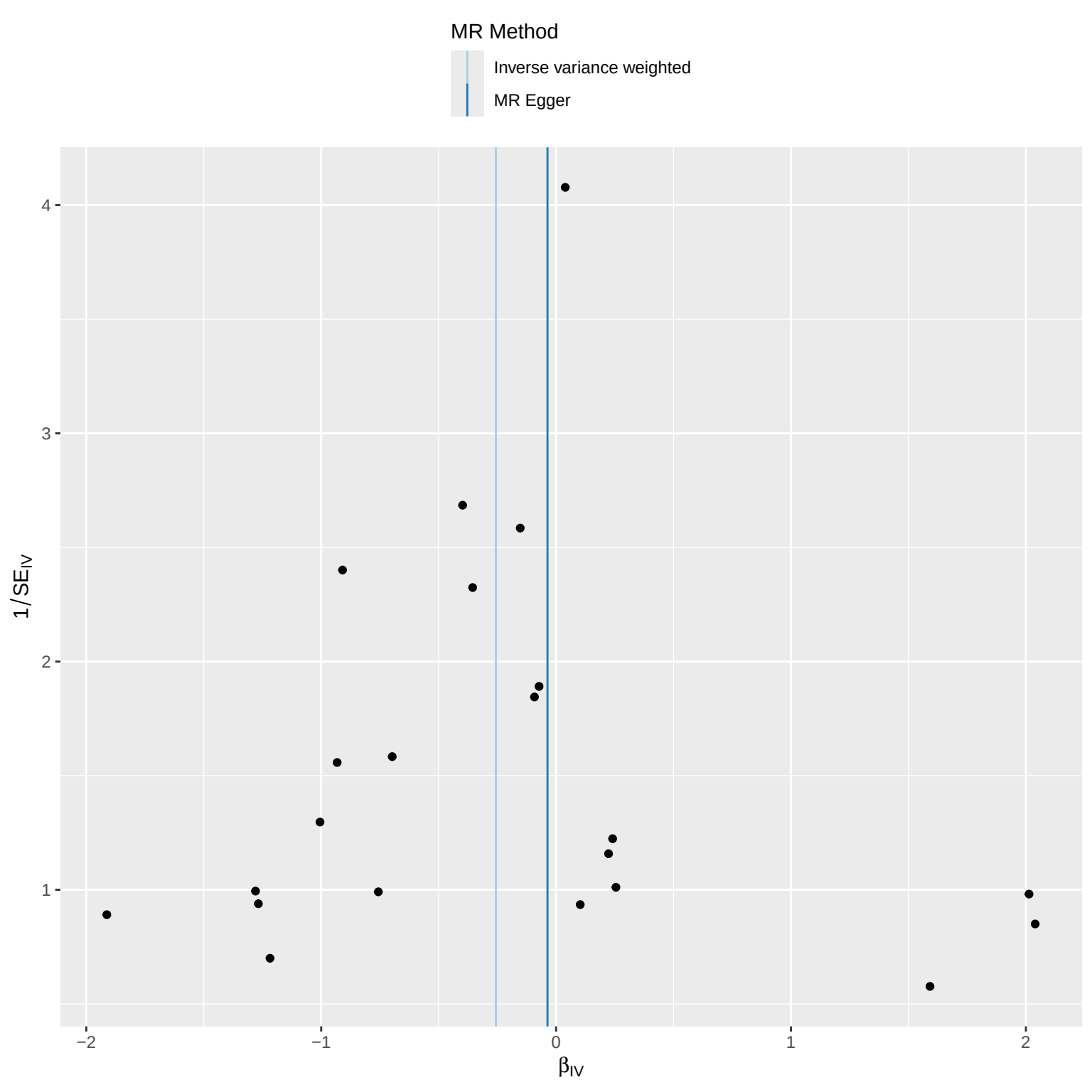

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

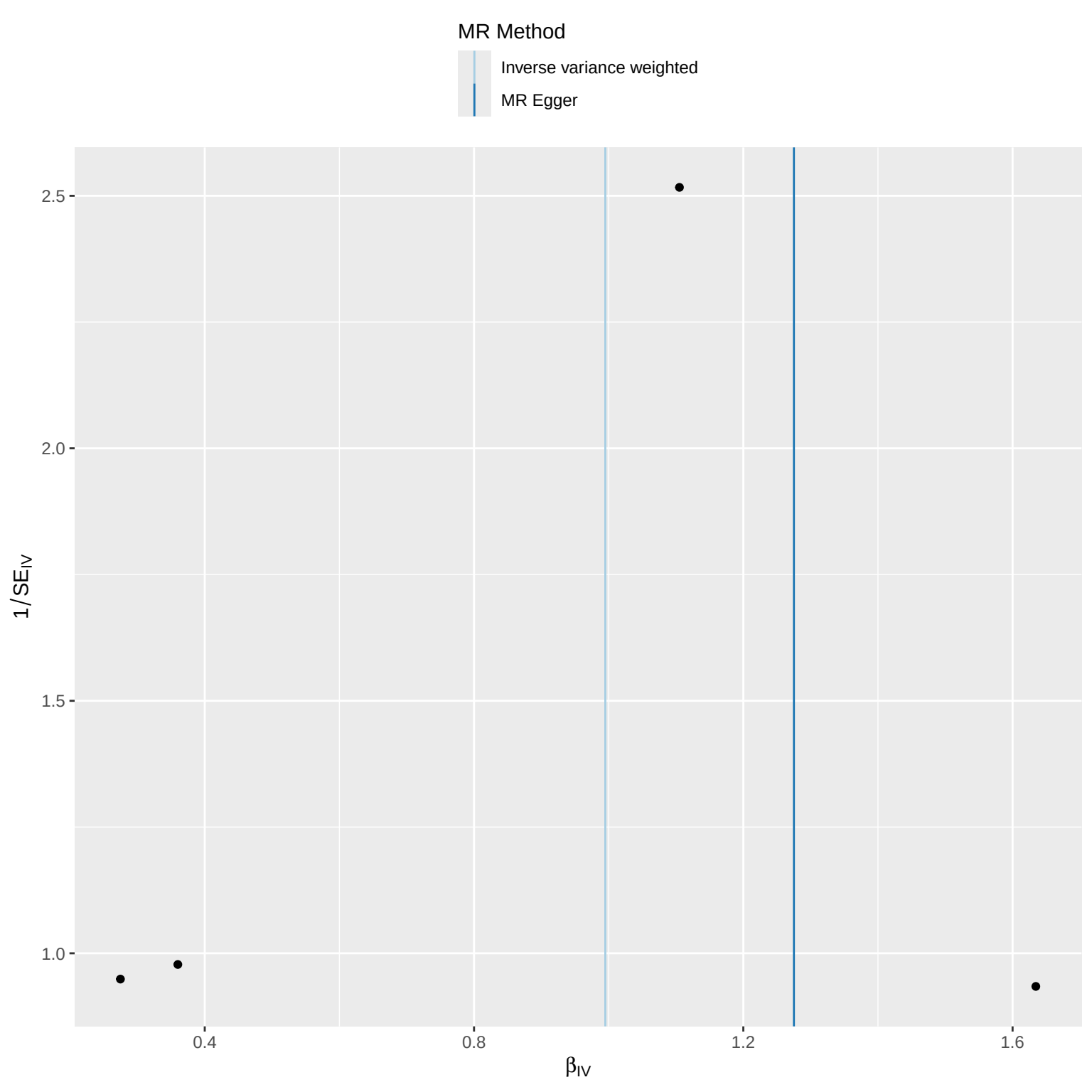

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
0
1/SE_IV
−1
0
1
2
β_IV

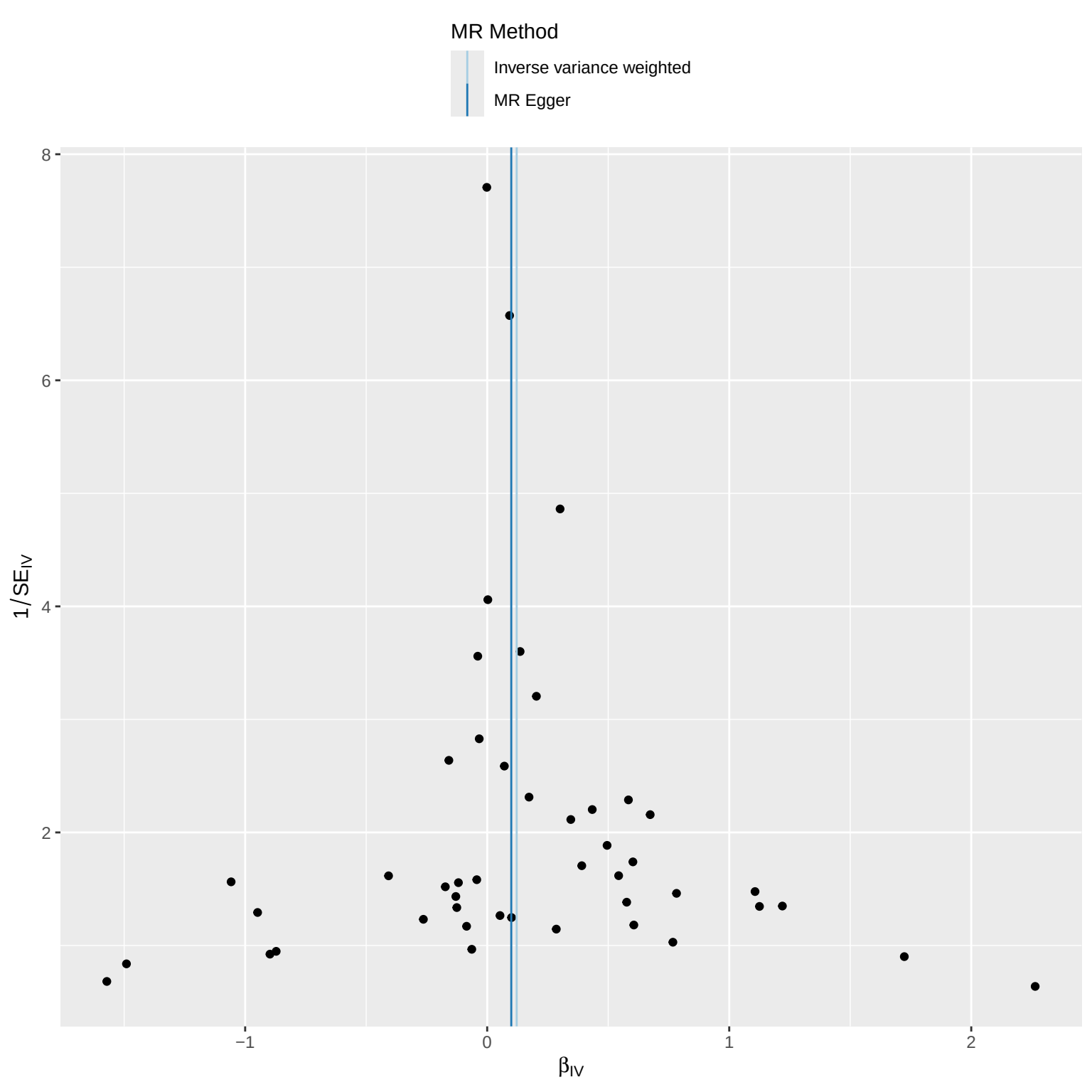

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.25
0.50
0.75
1.00
1.25
β_IV

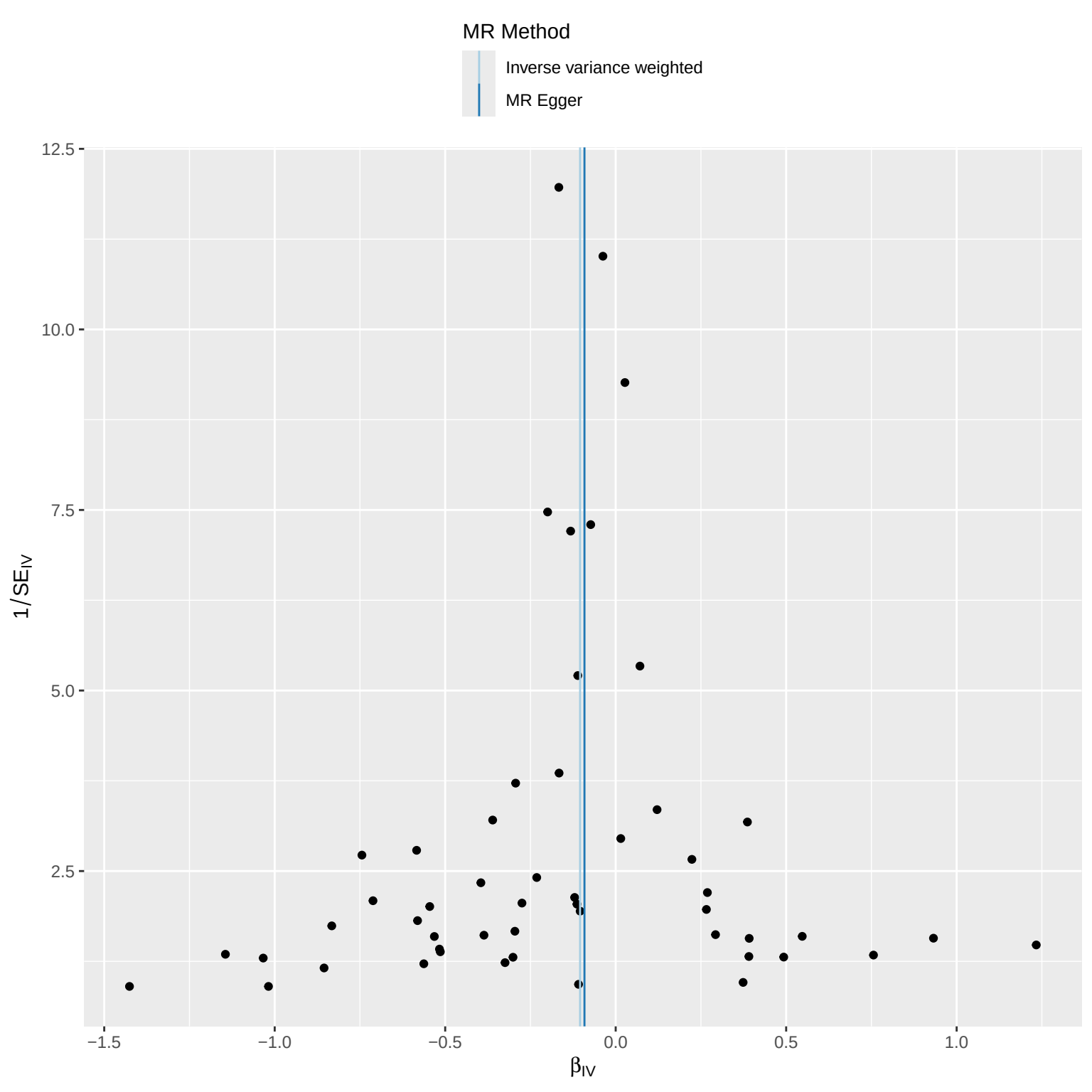

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
β_IV

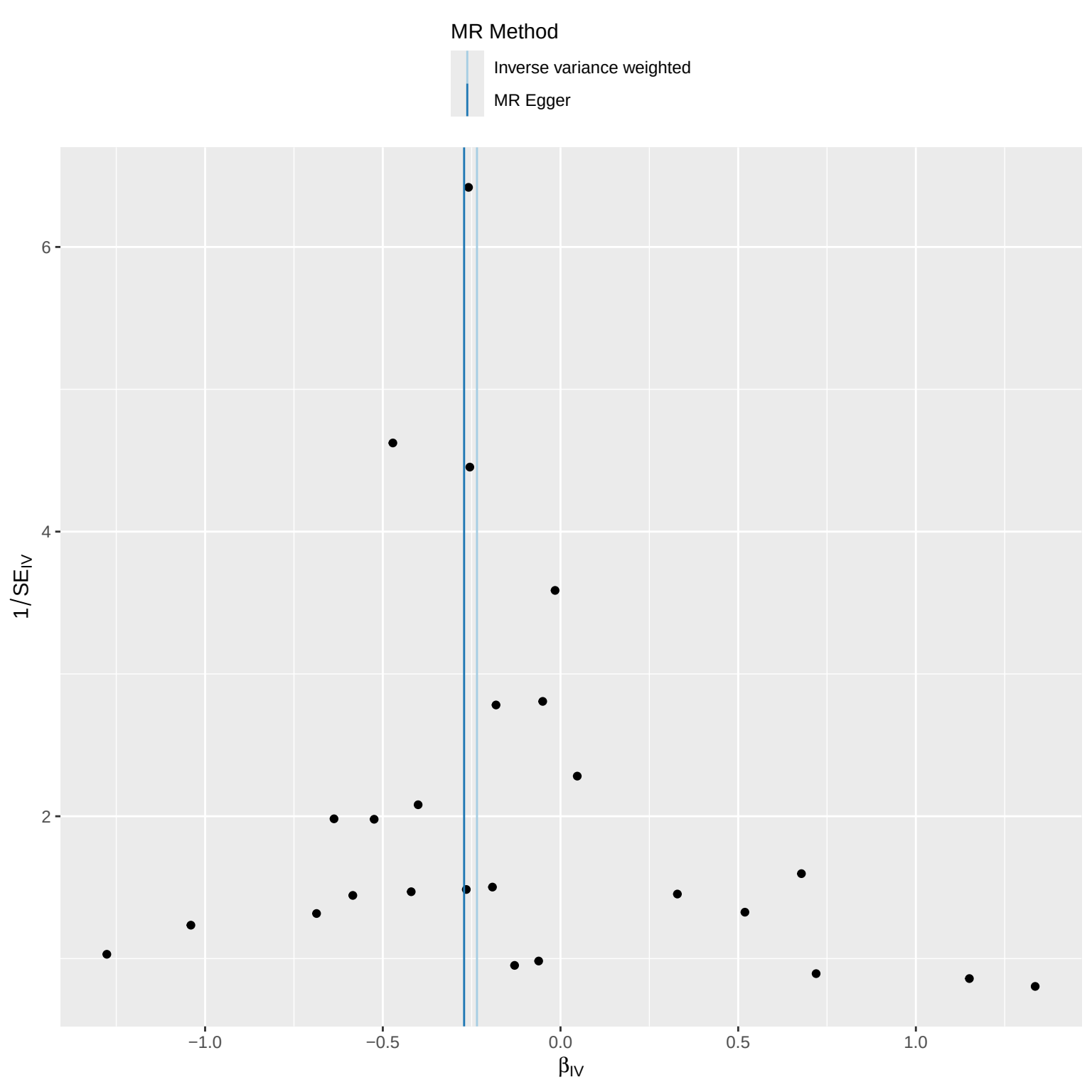

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.4
−0.3
−0.2
−0.1
0.0
0.1
β_IV

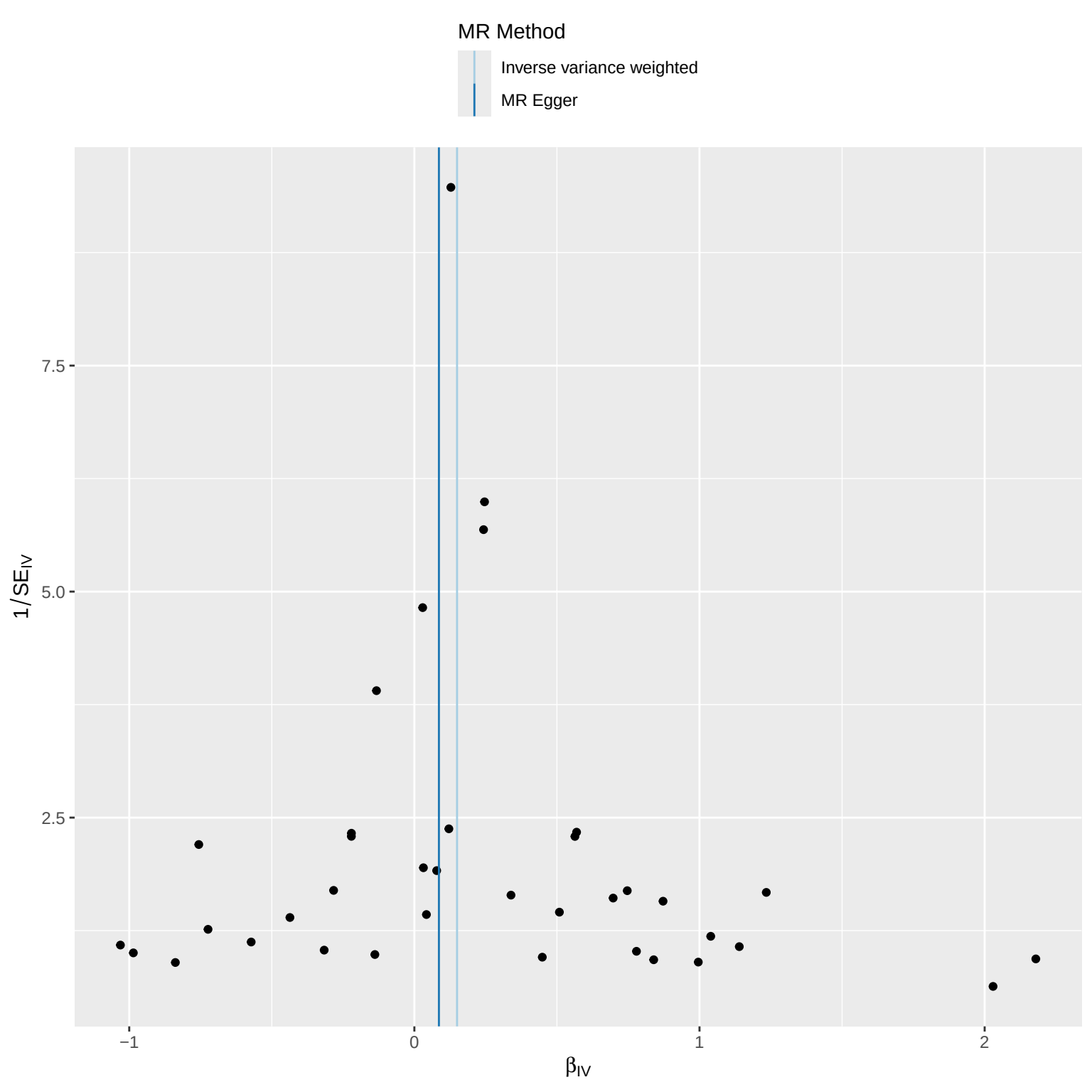

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

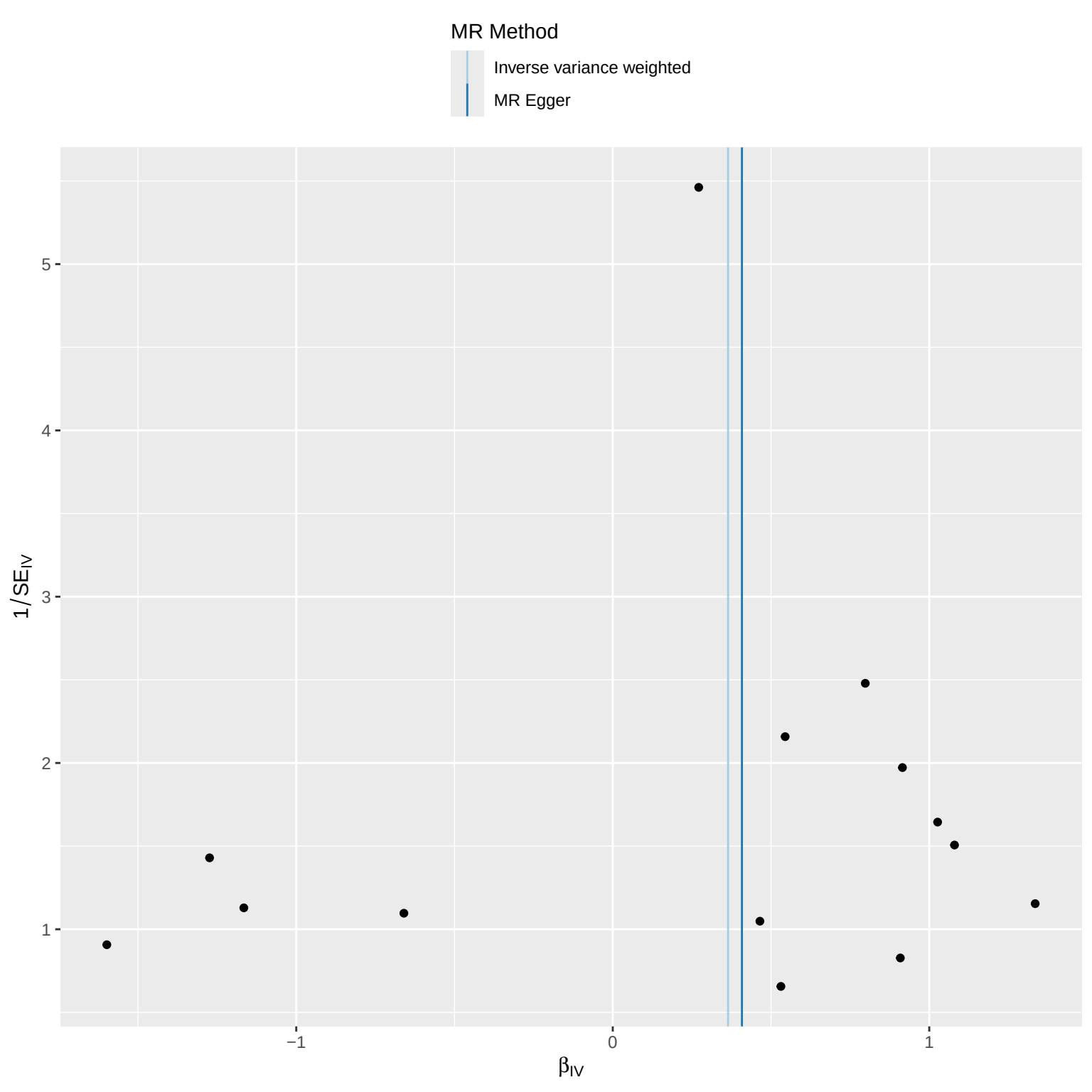

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.4
0.8
1.2
1.6
β_IV

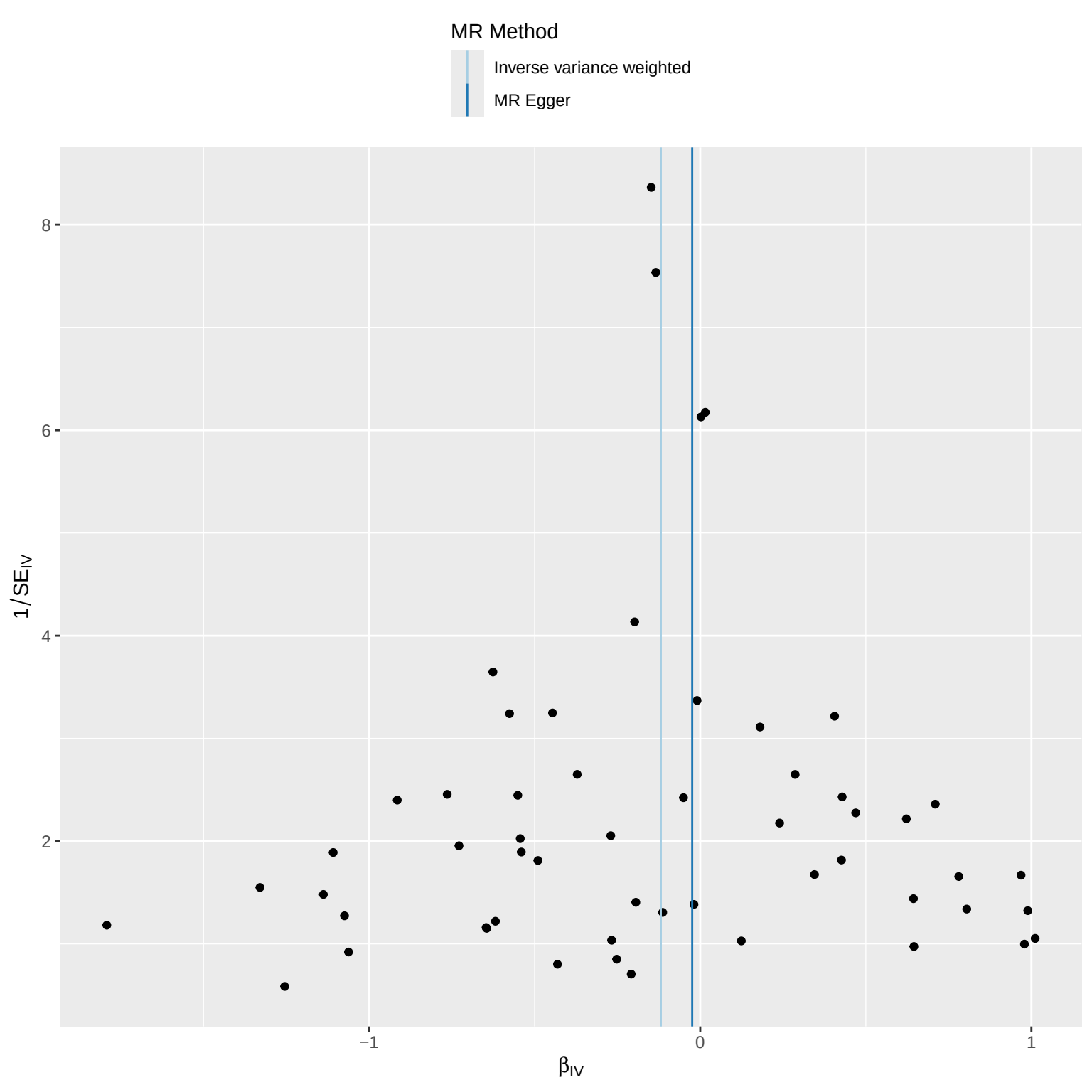

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

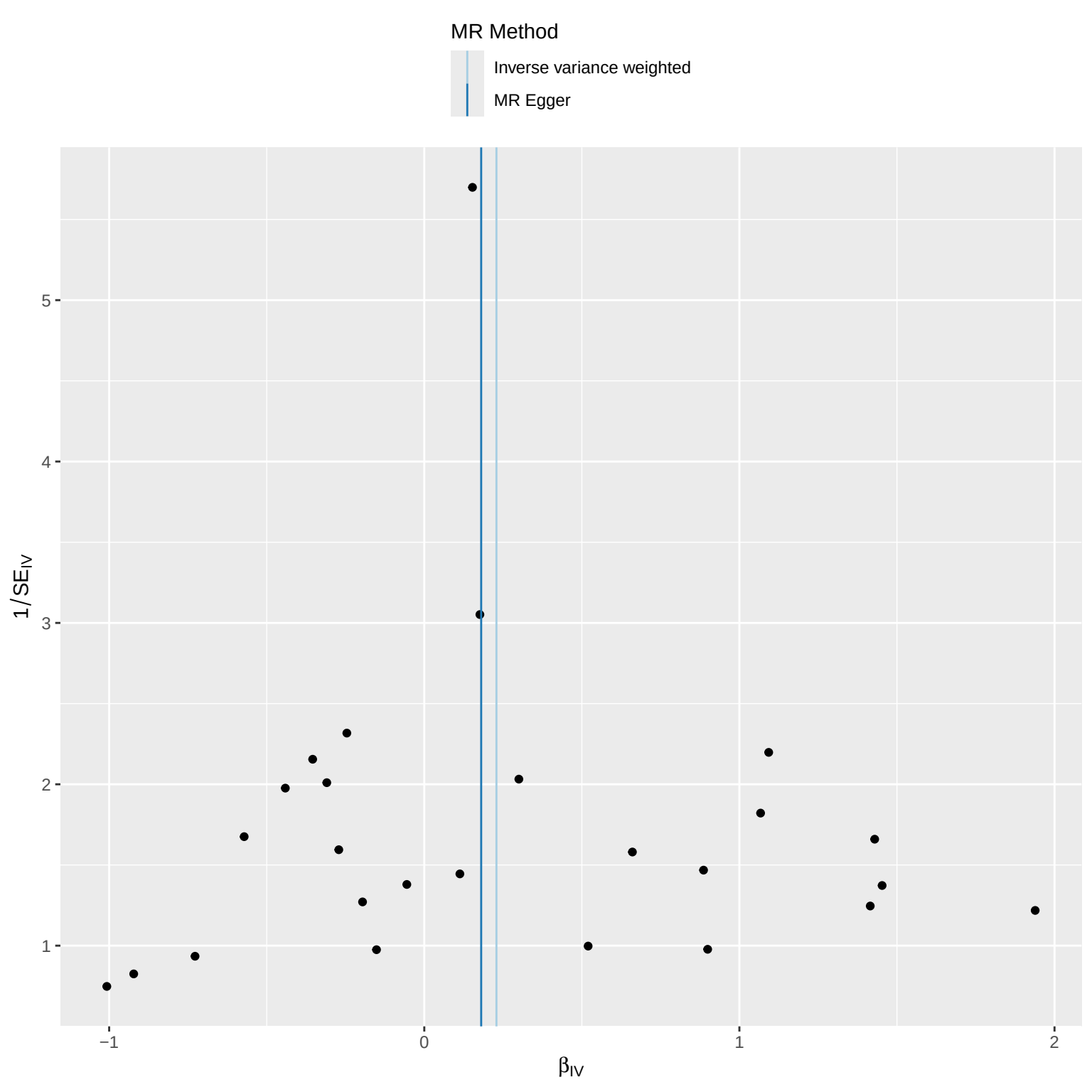

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

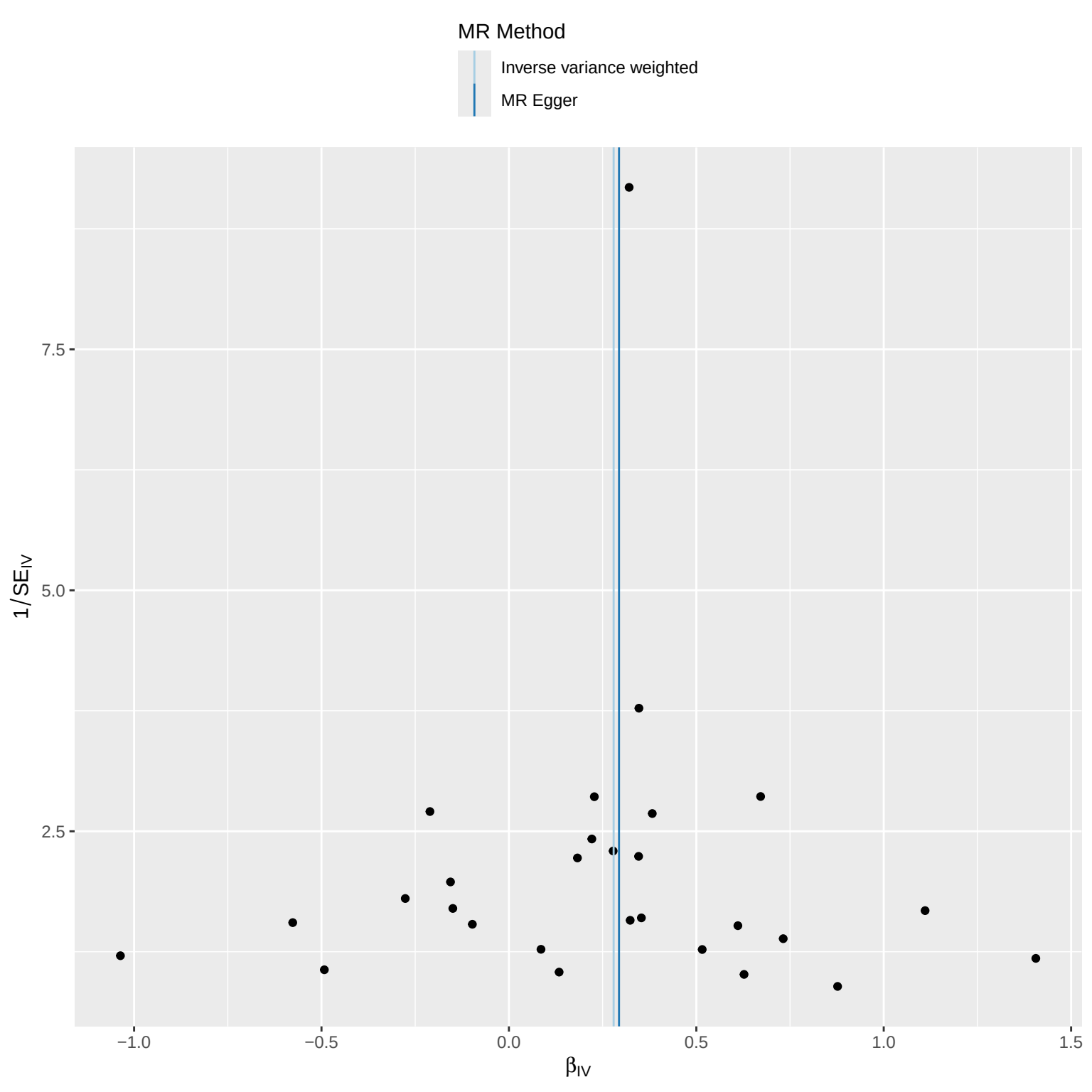

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

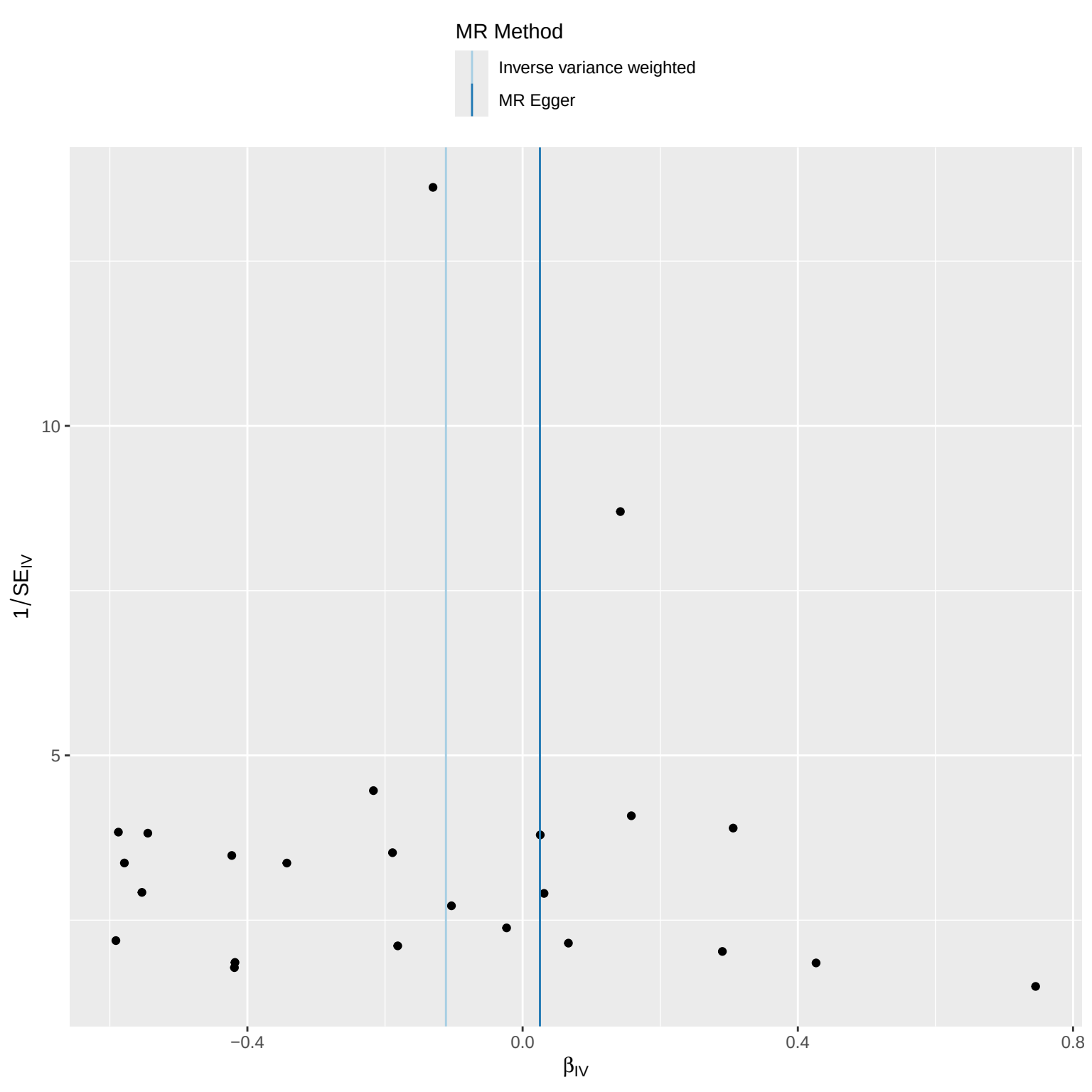

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

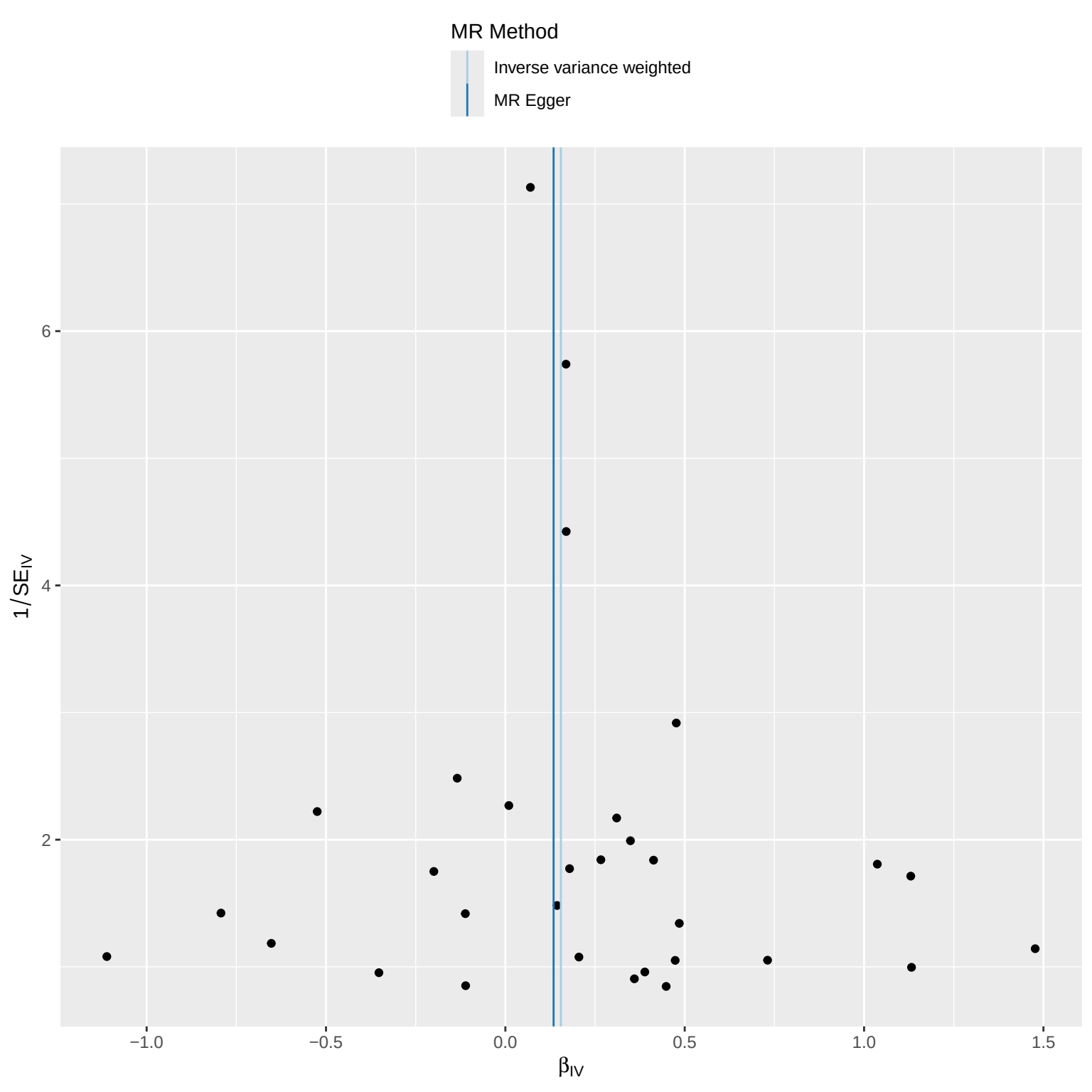

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

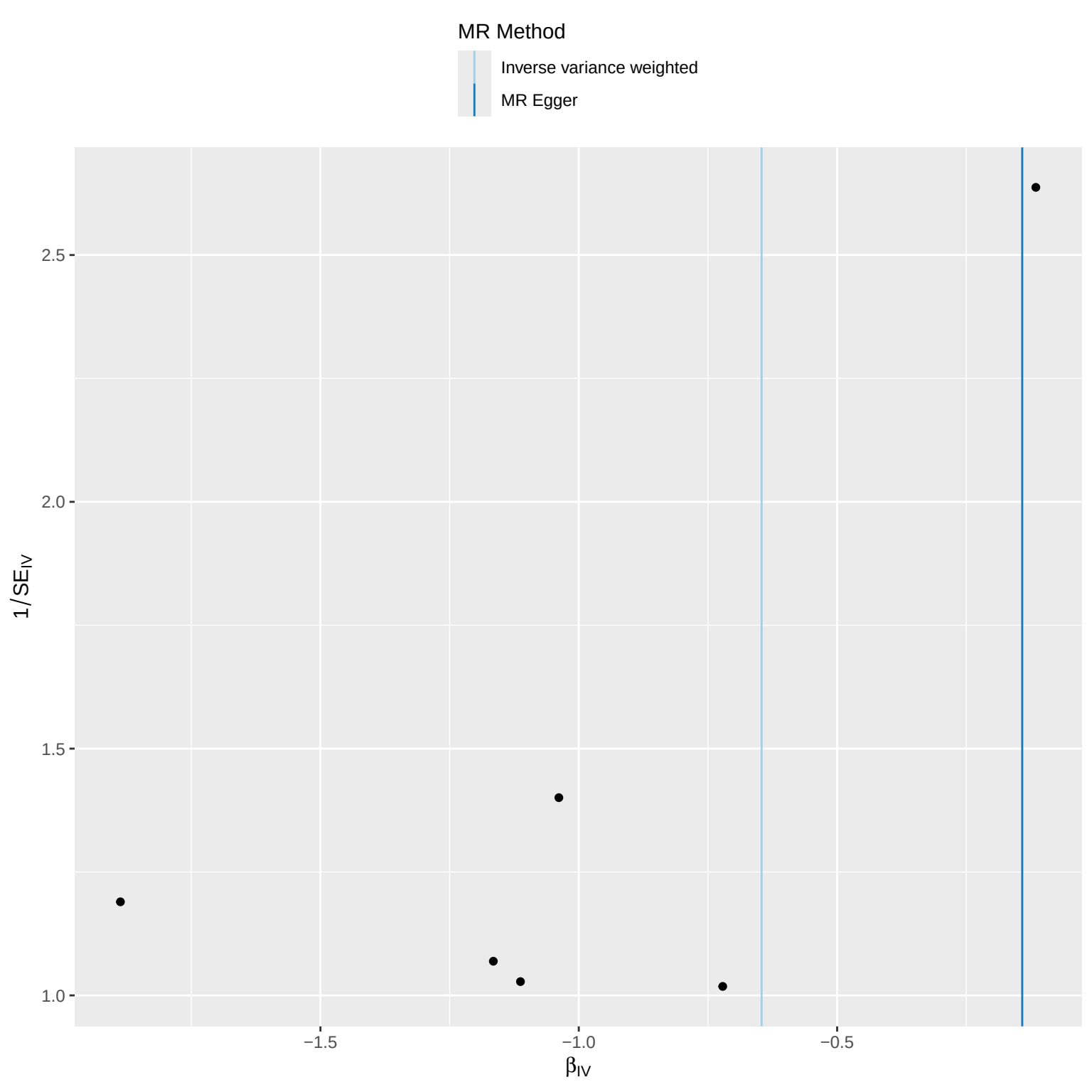

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

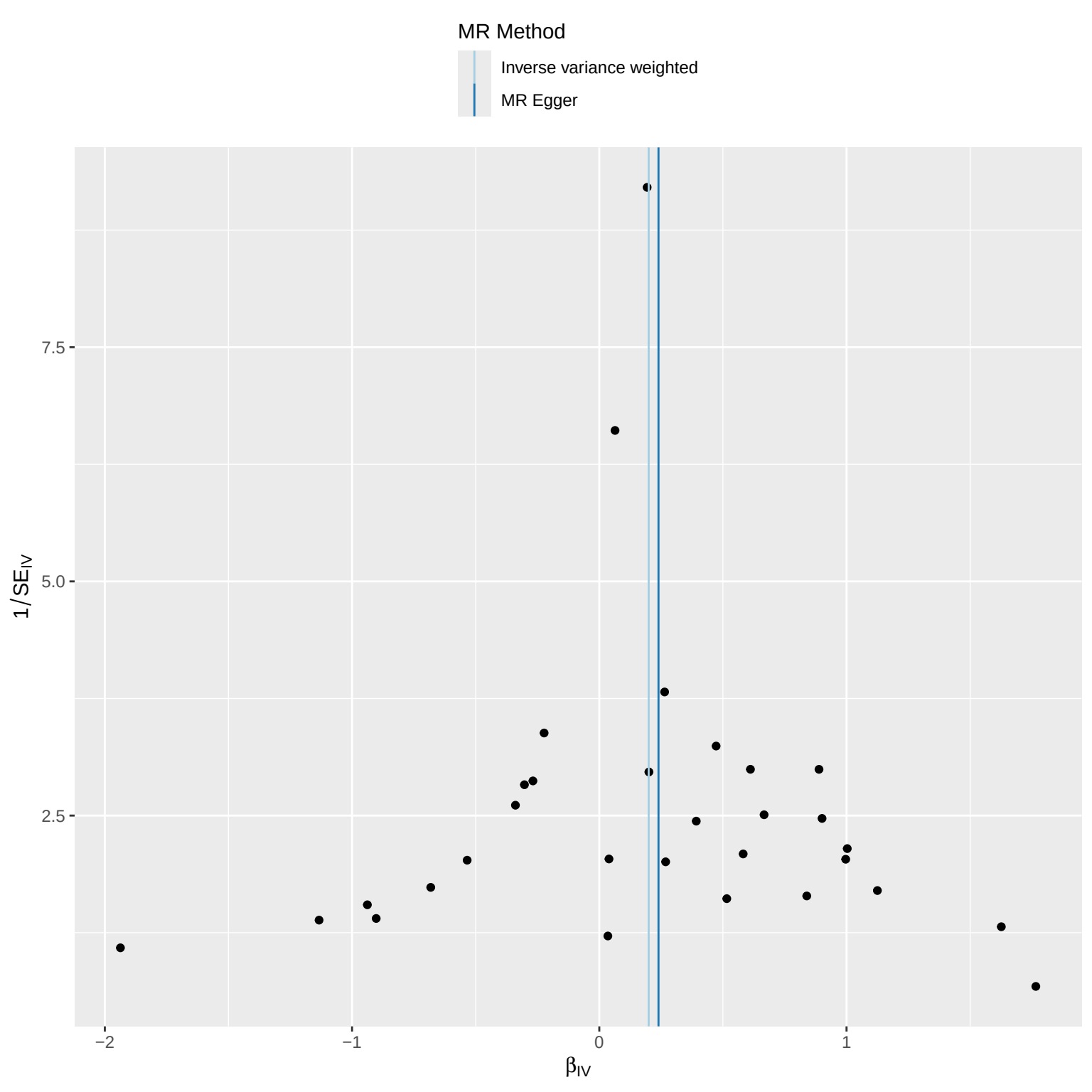

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1
0
1
2
β_IV

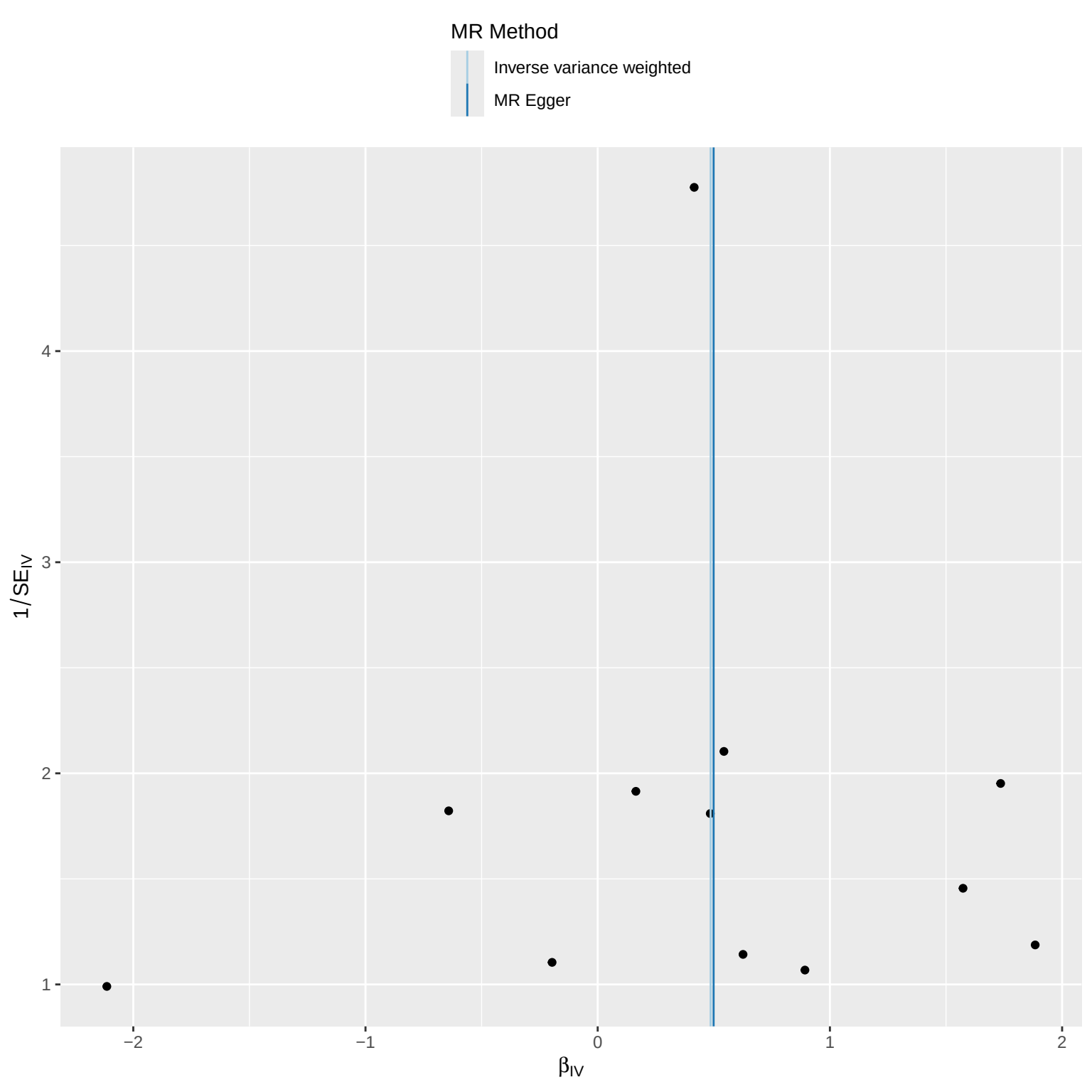

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

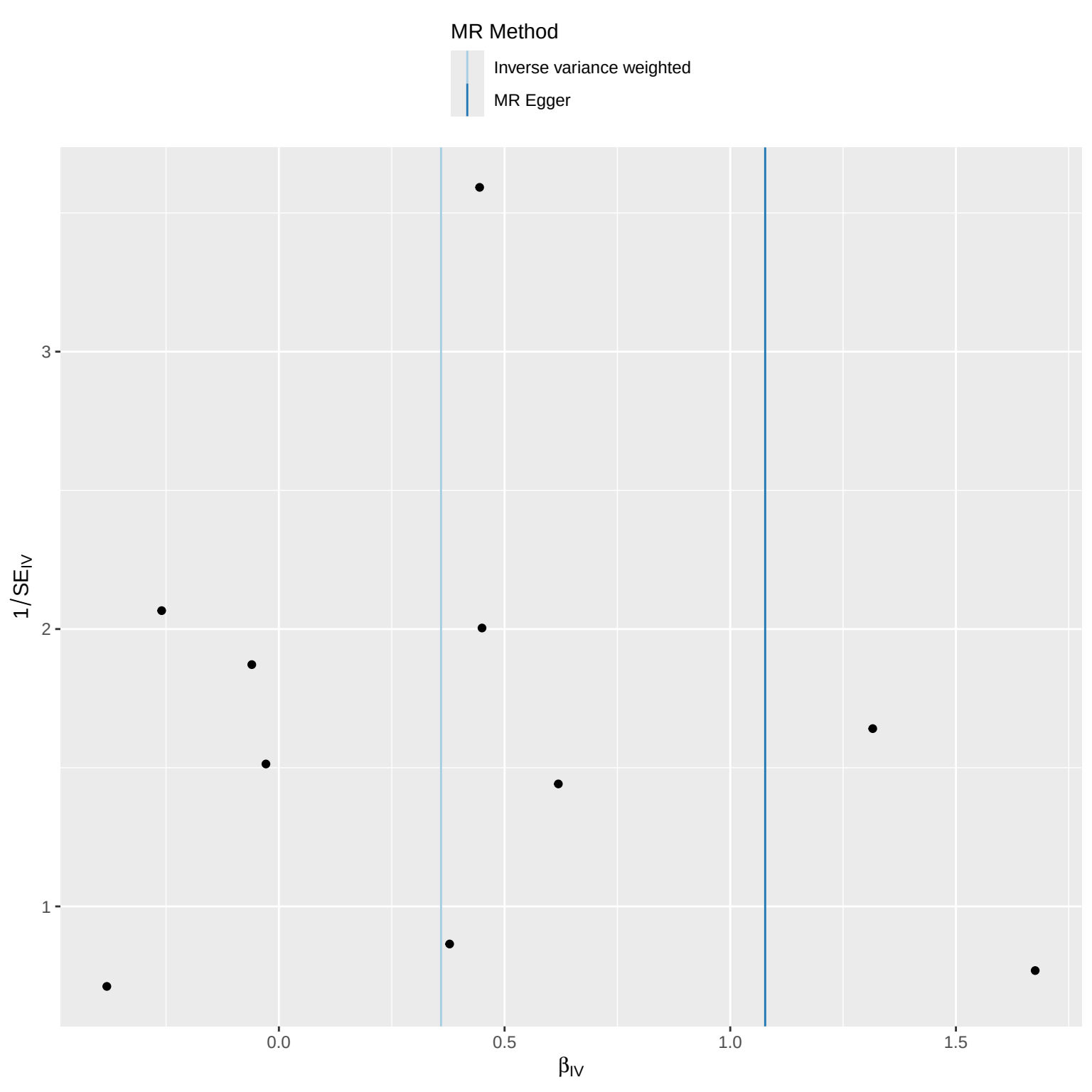

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

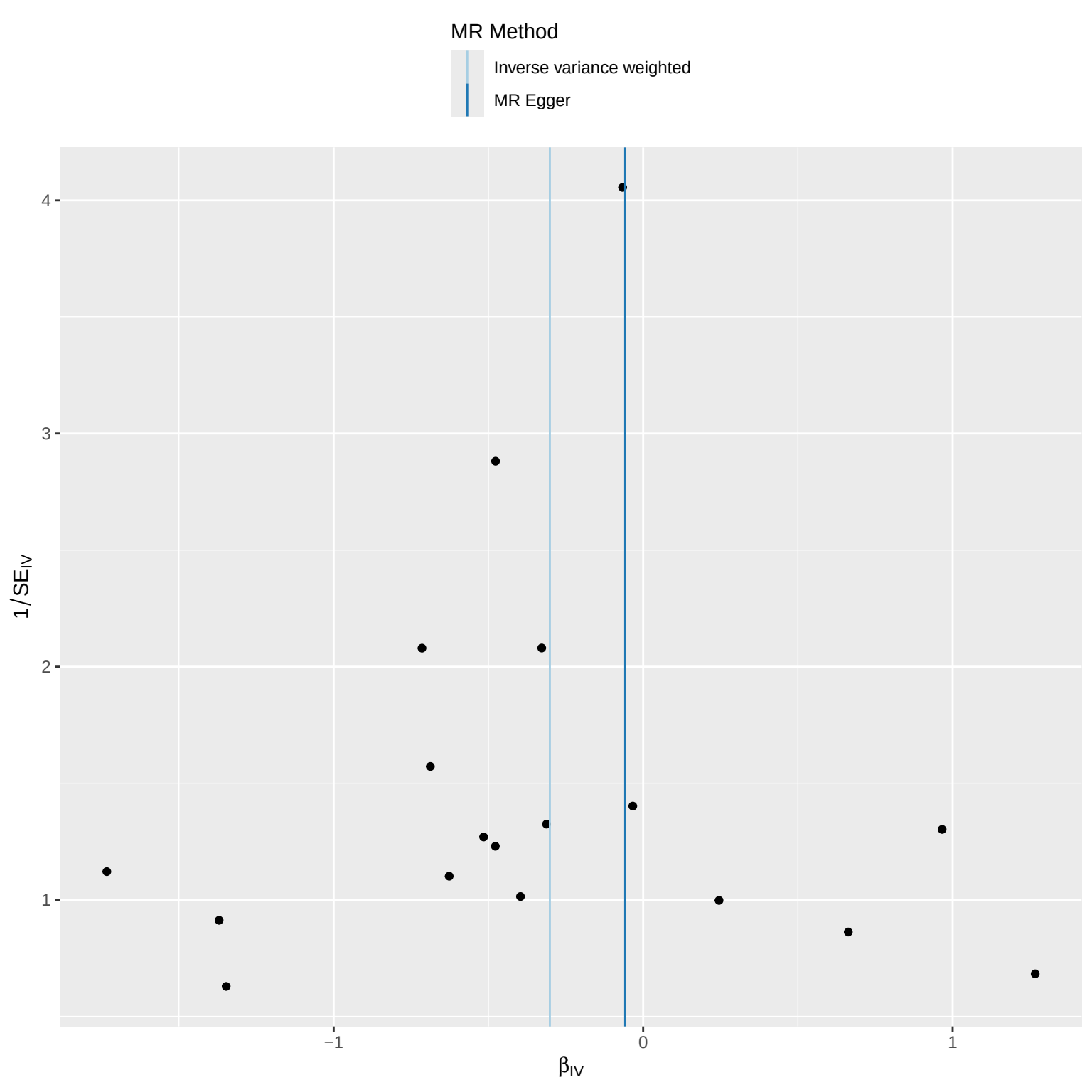

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

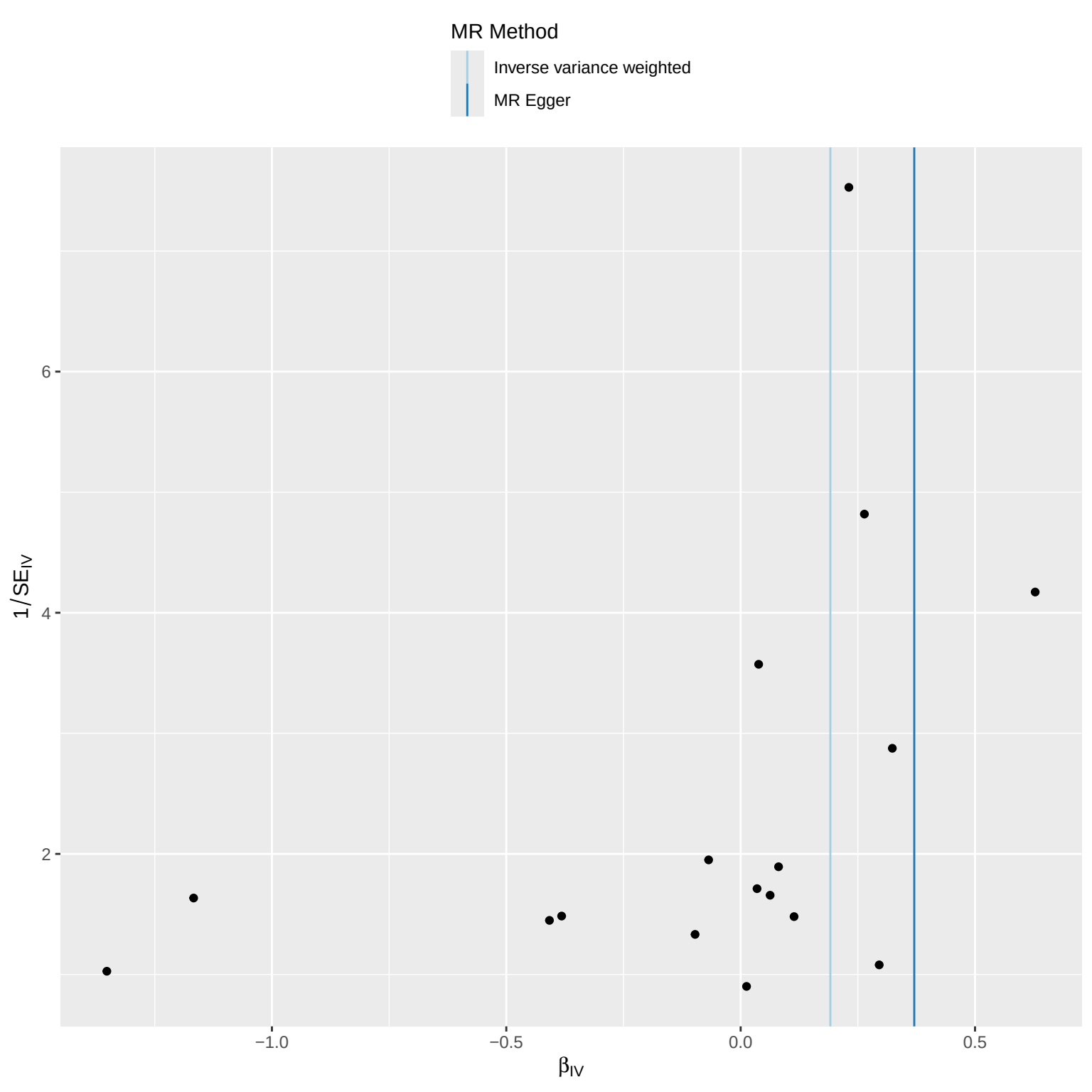

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
β_IV

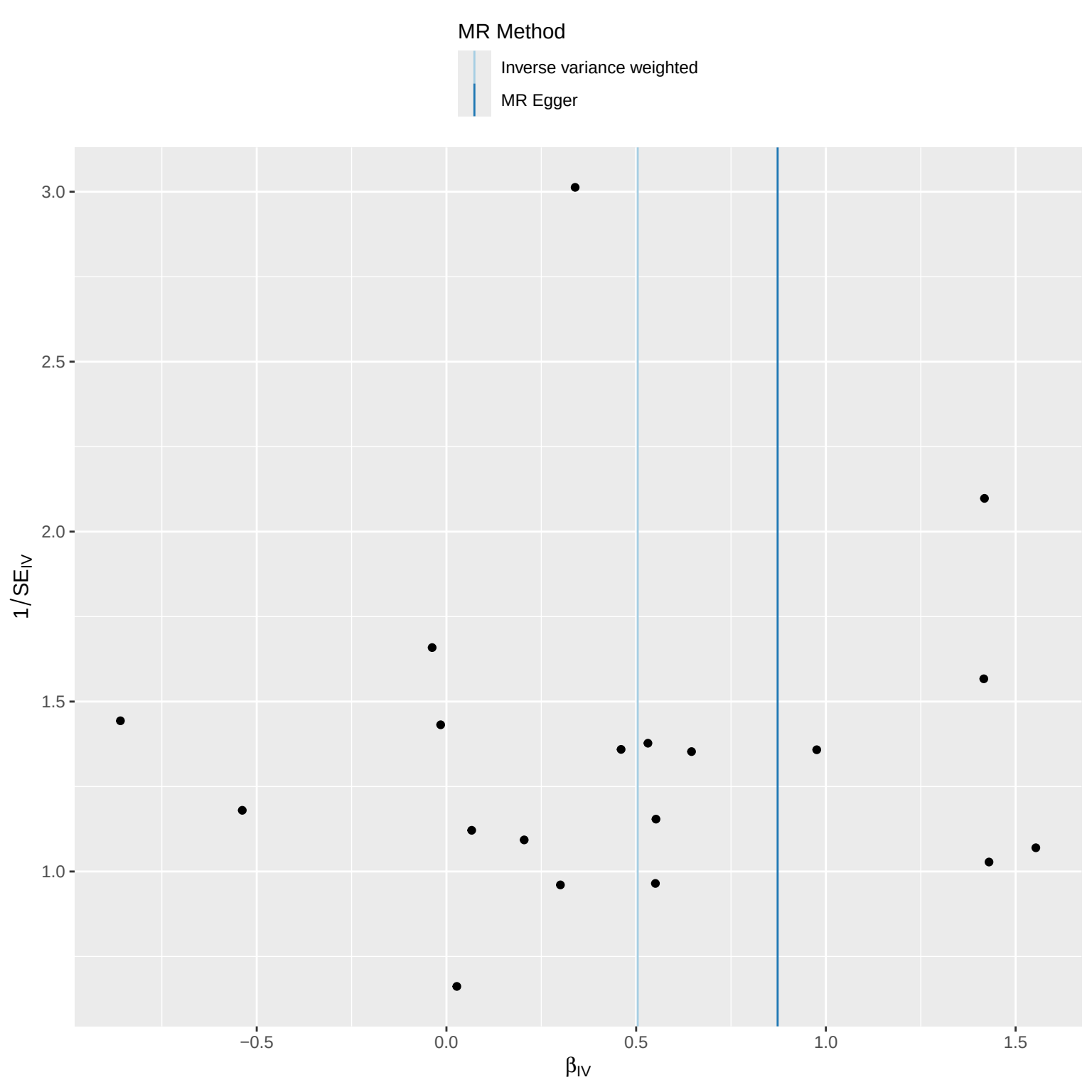

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

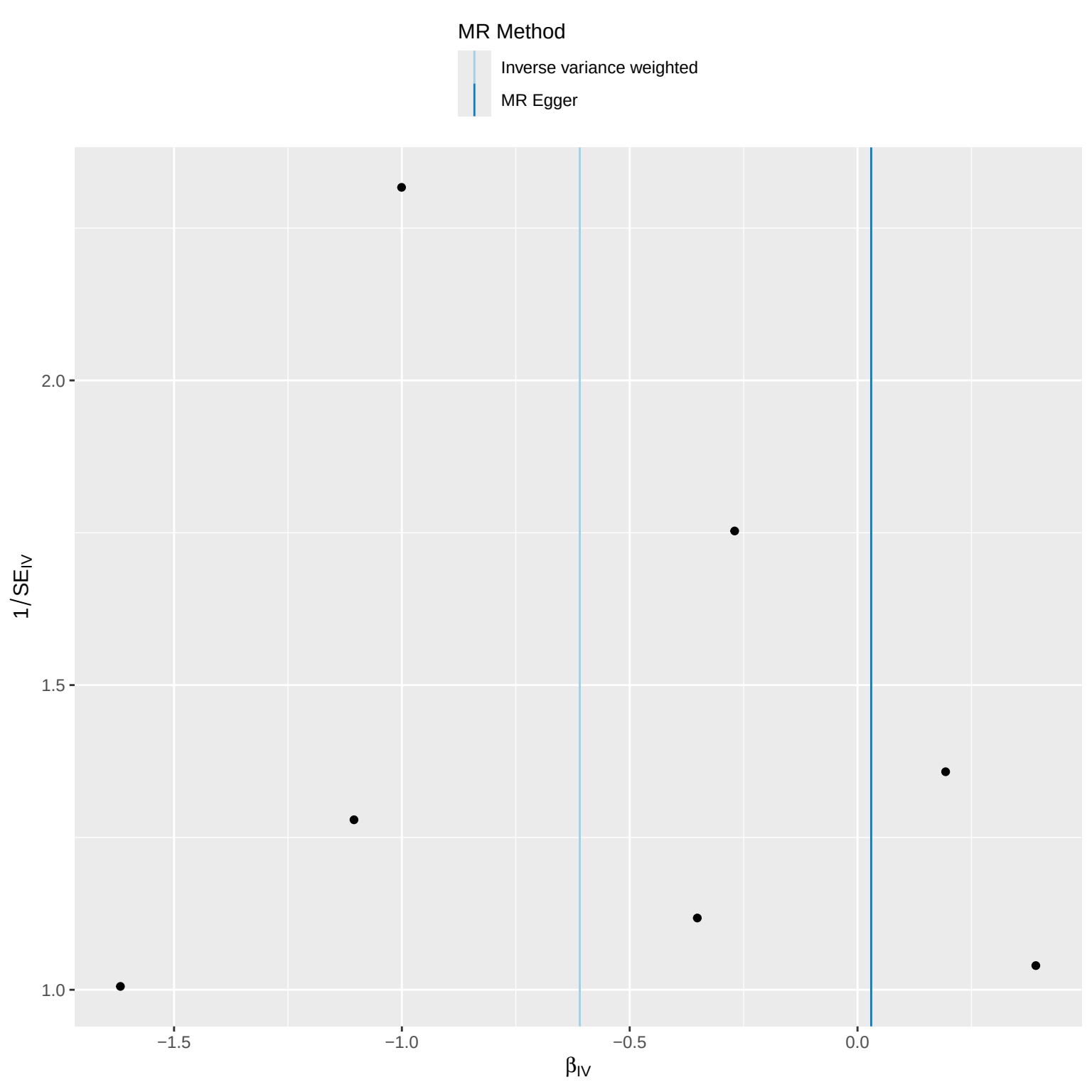

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

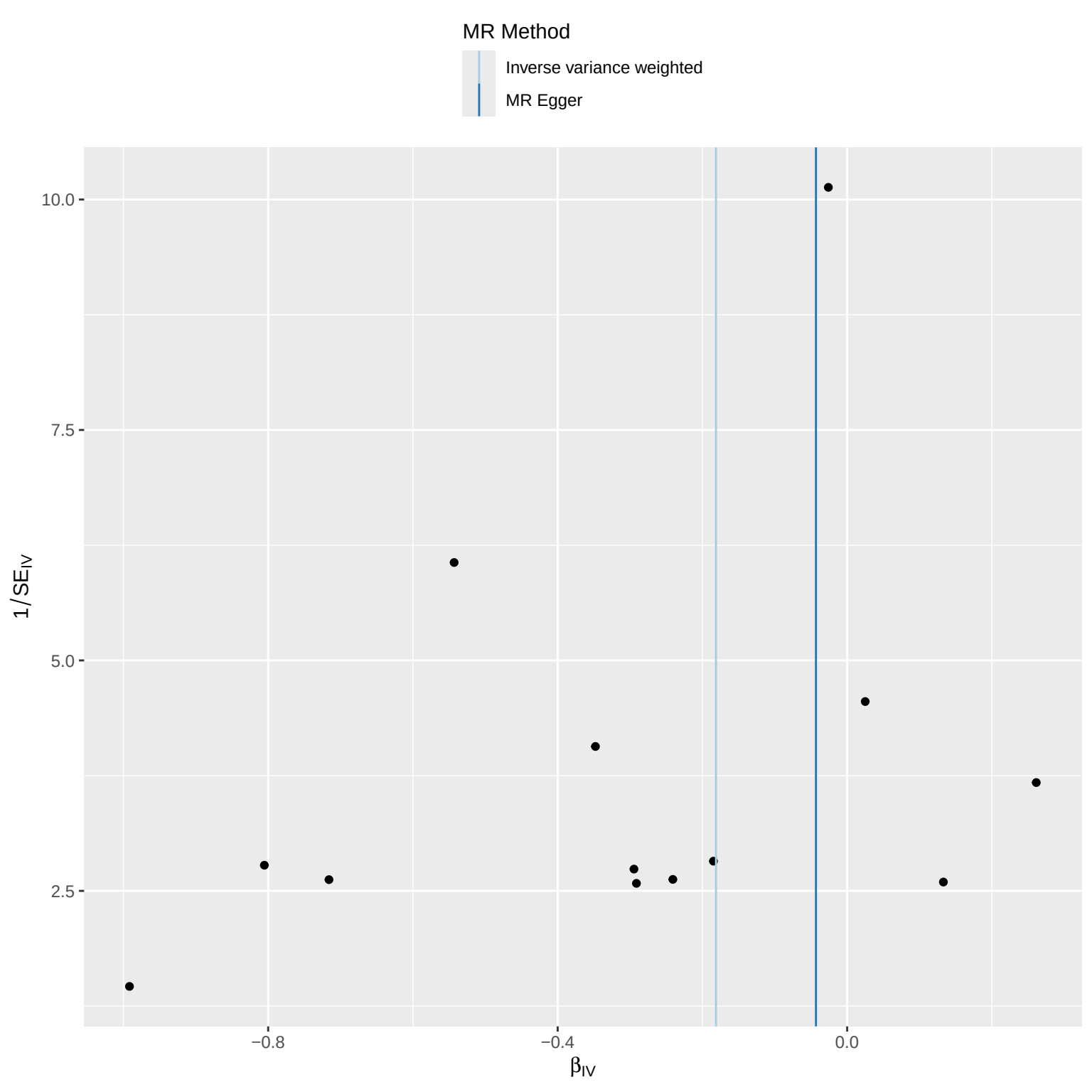

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

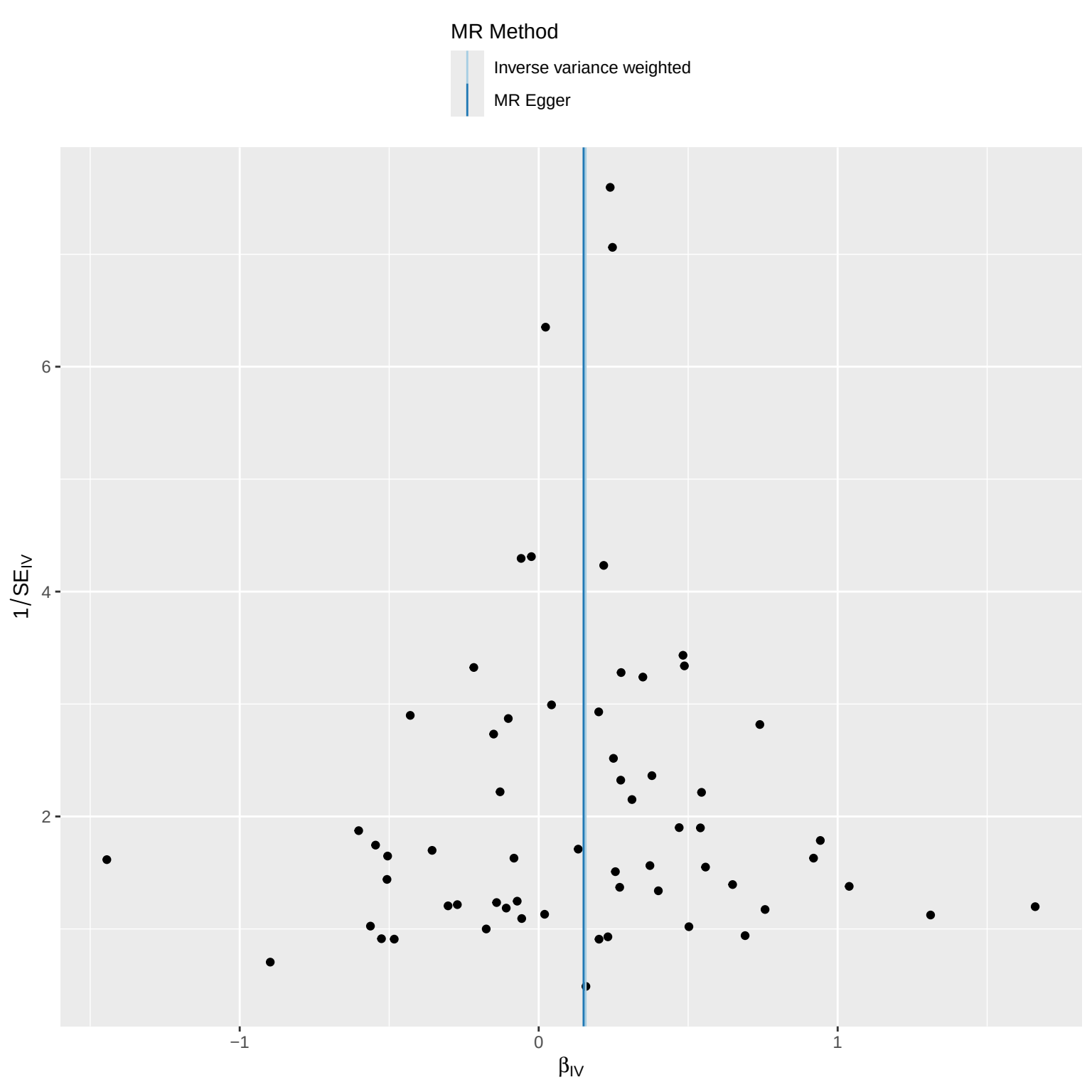

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

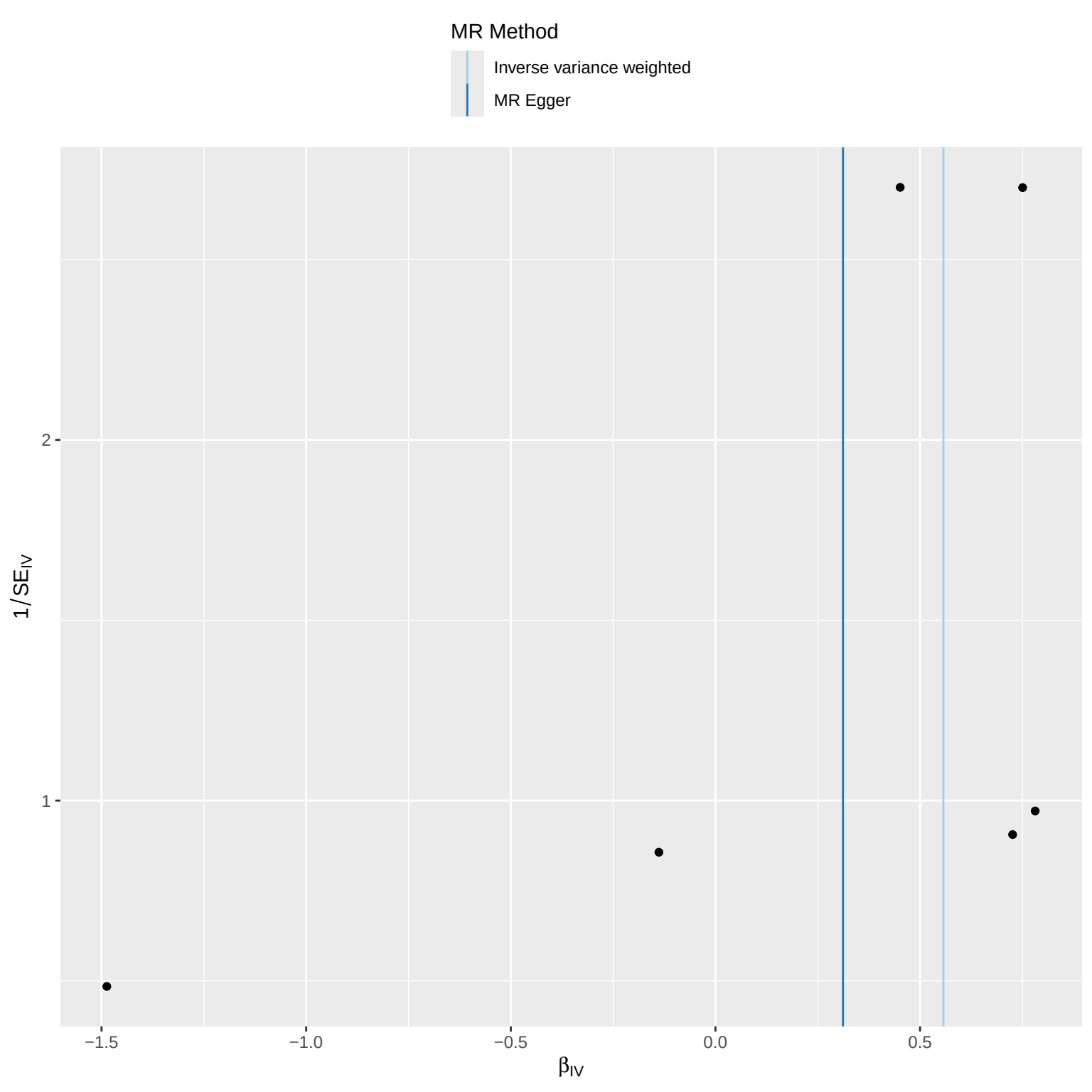

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

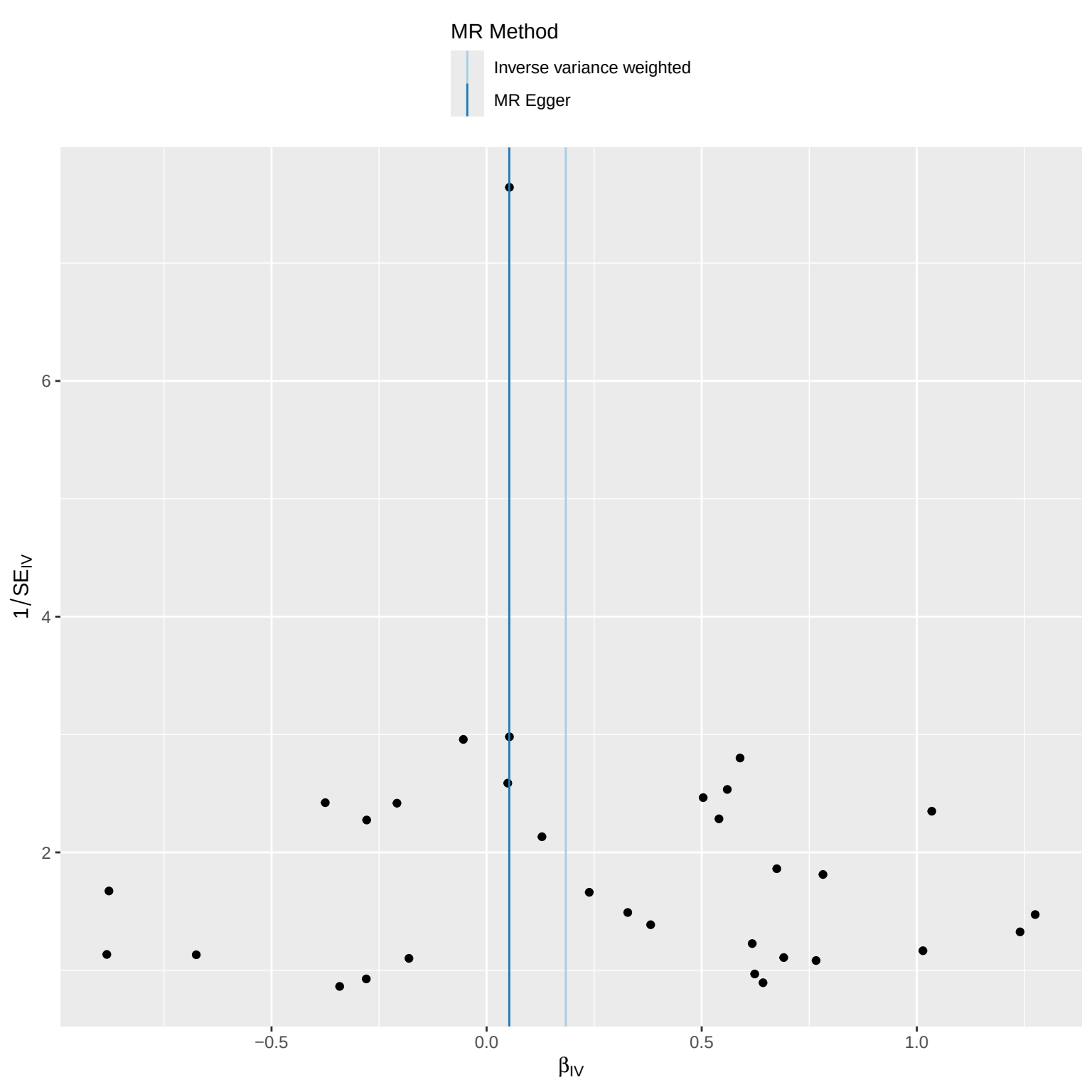

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

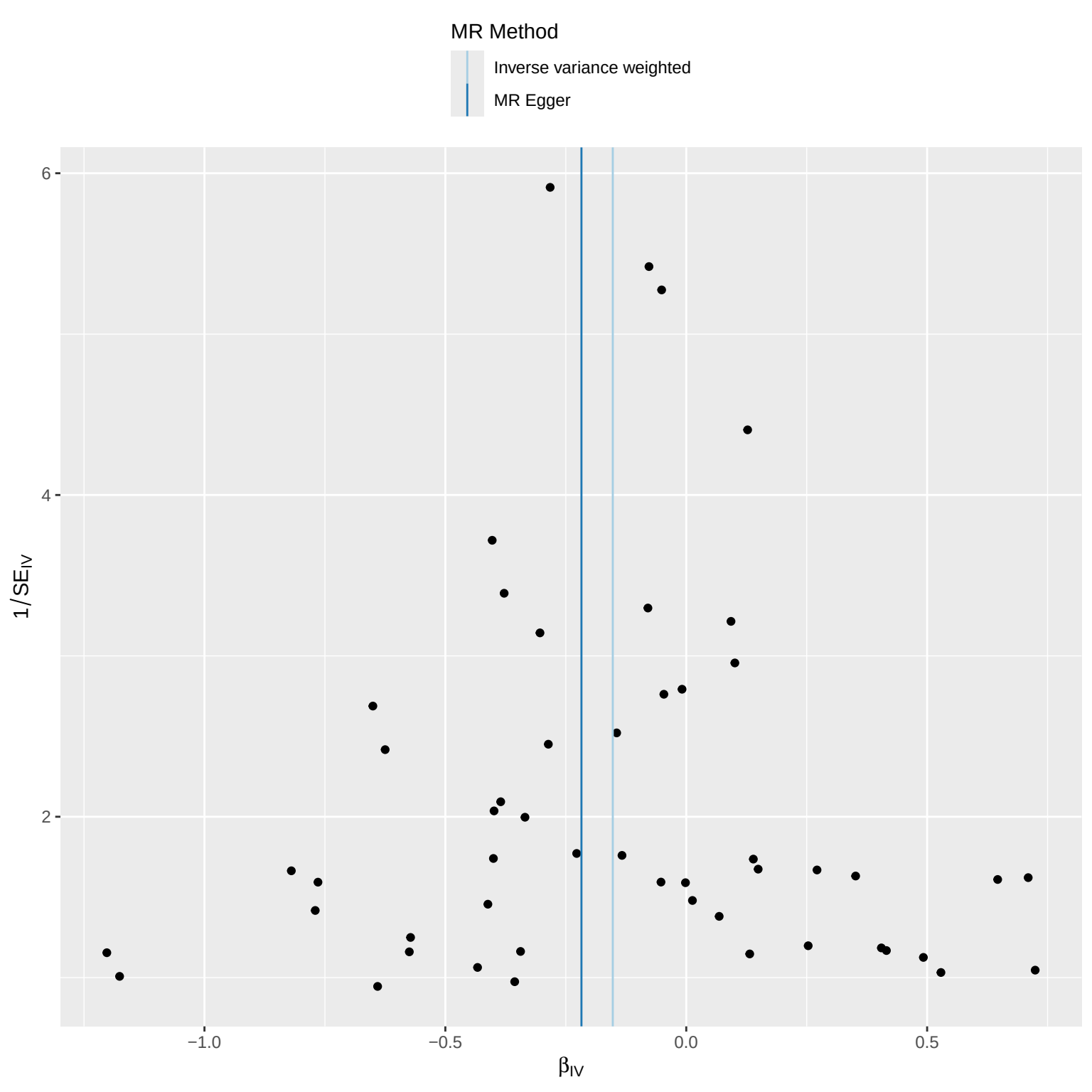

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

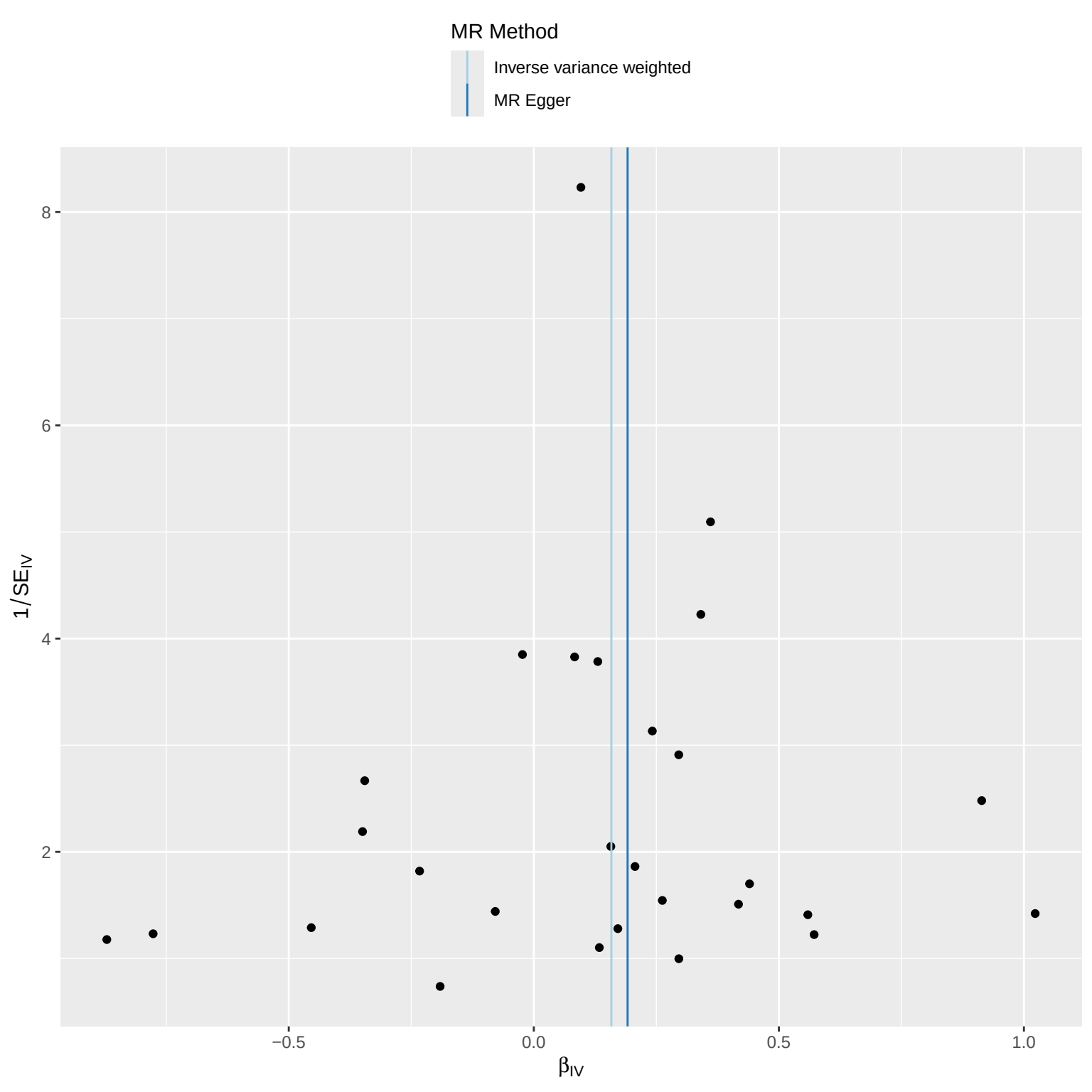

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.8
−0.4
0.0
β_IV

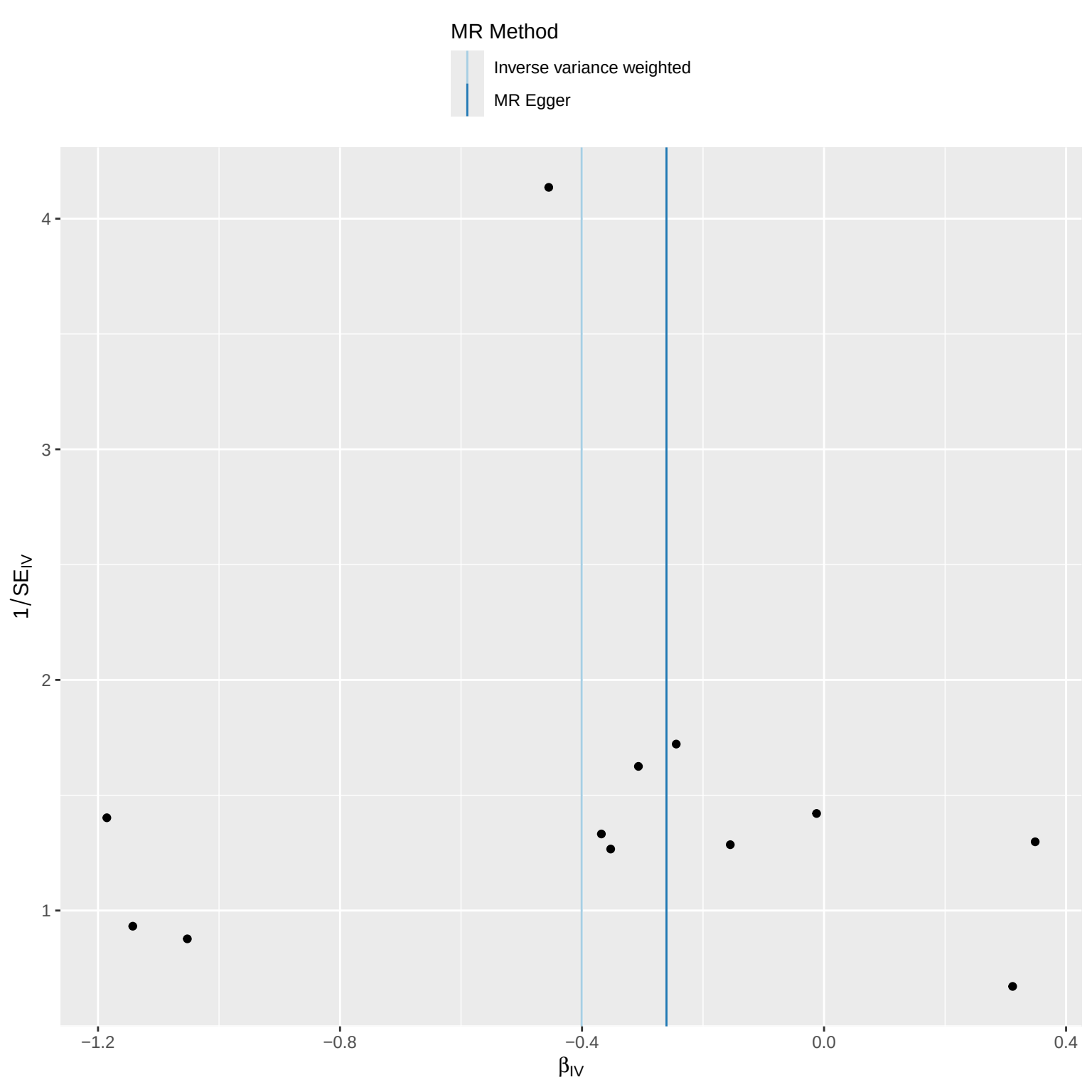

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

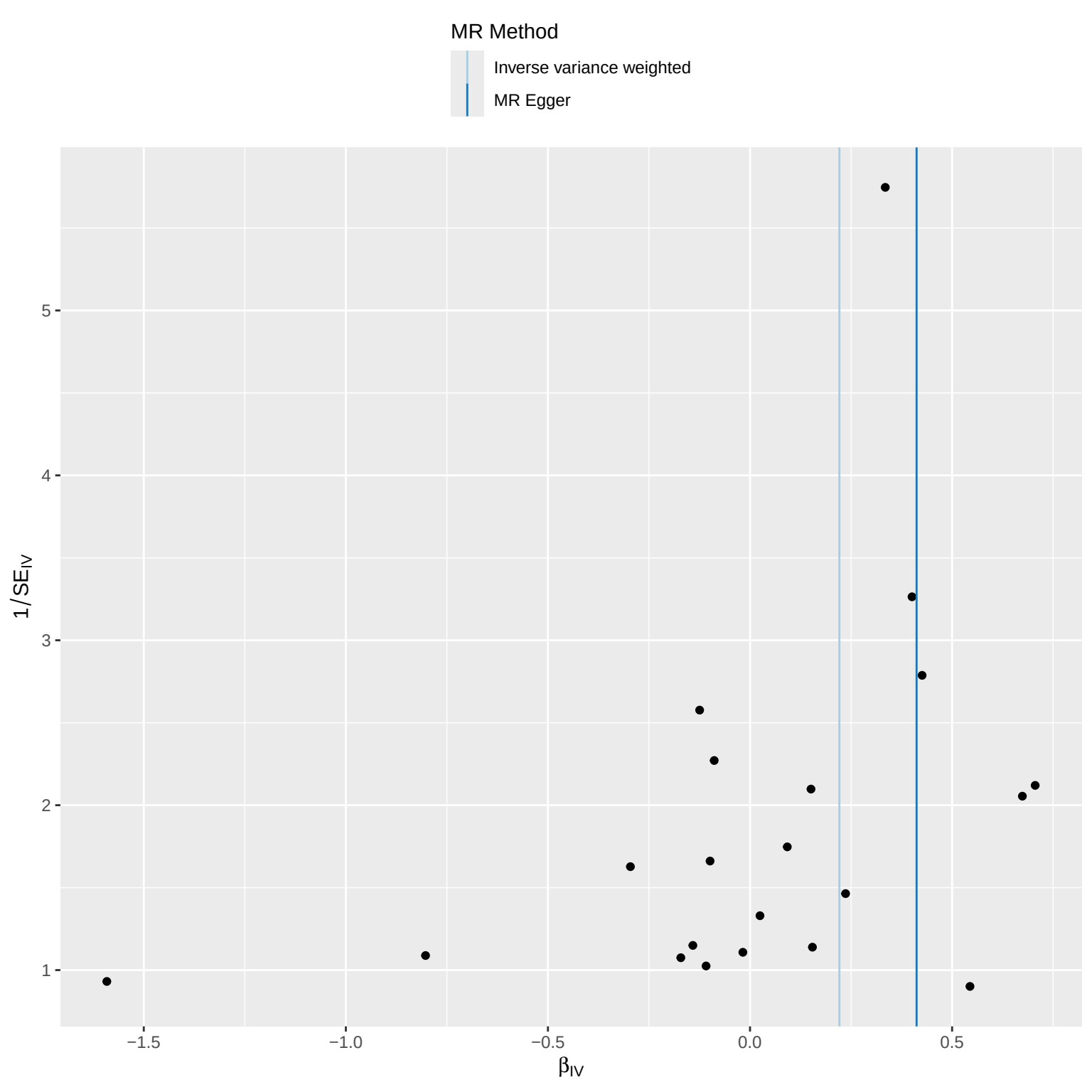

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

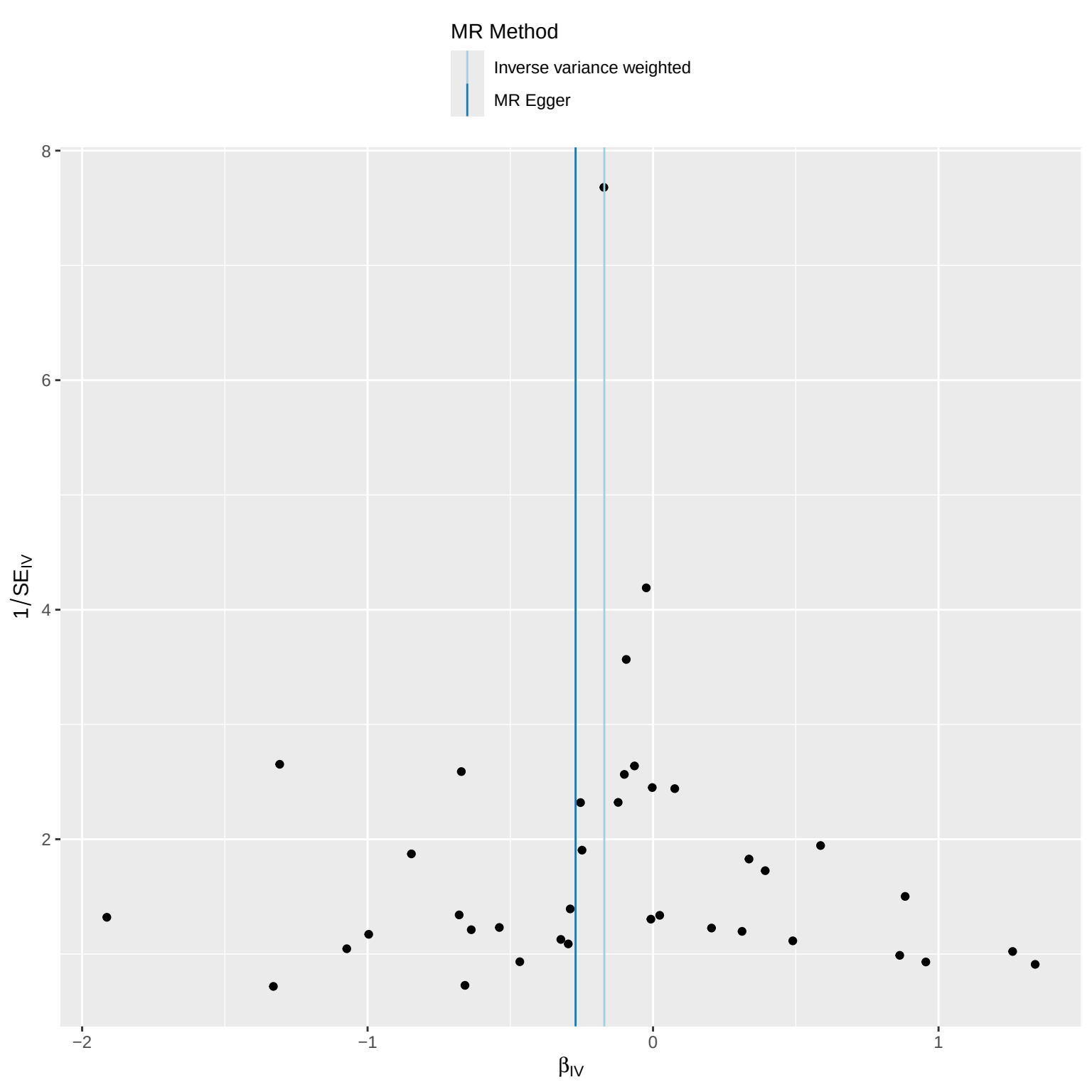

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

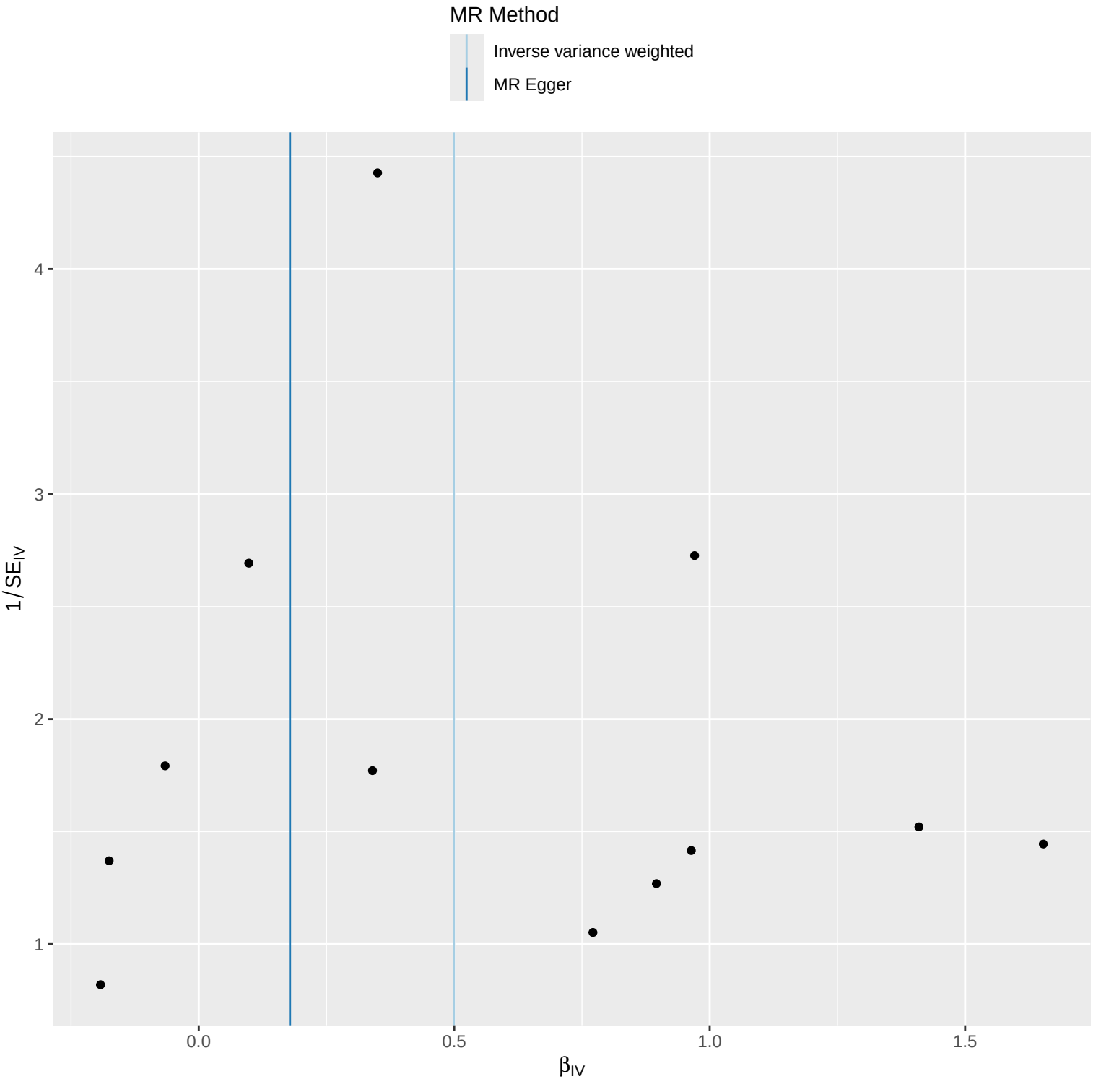

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

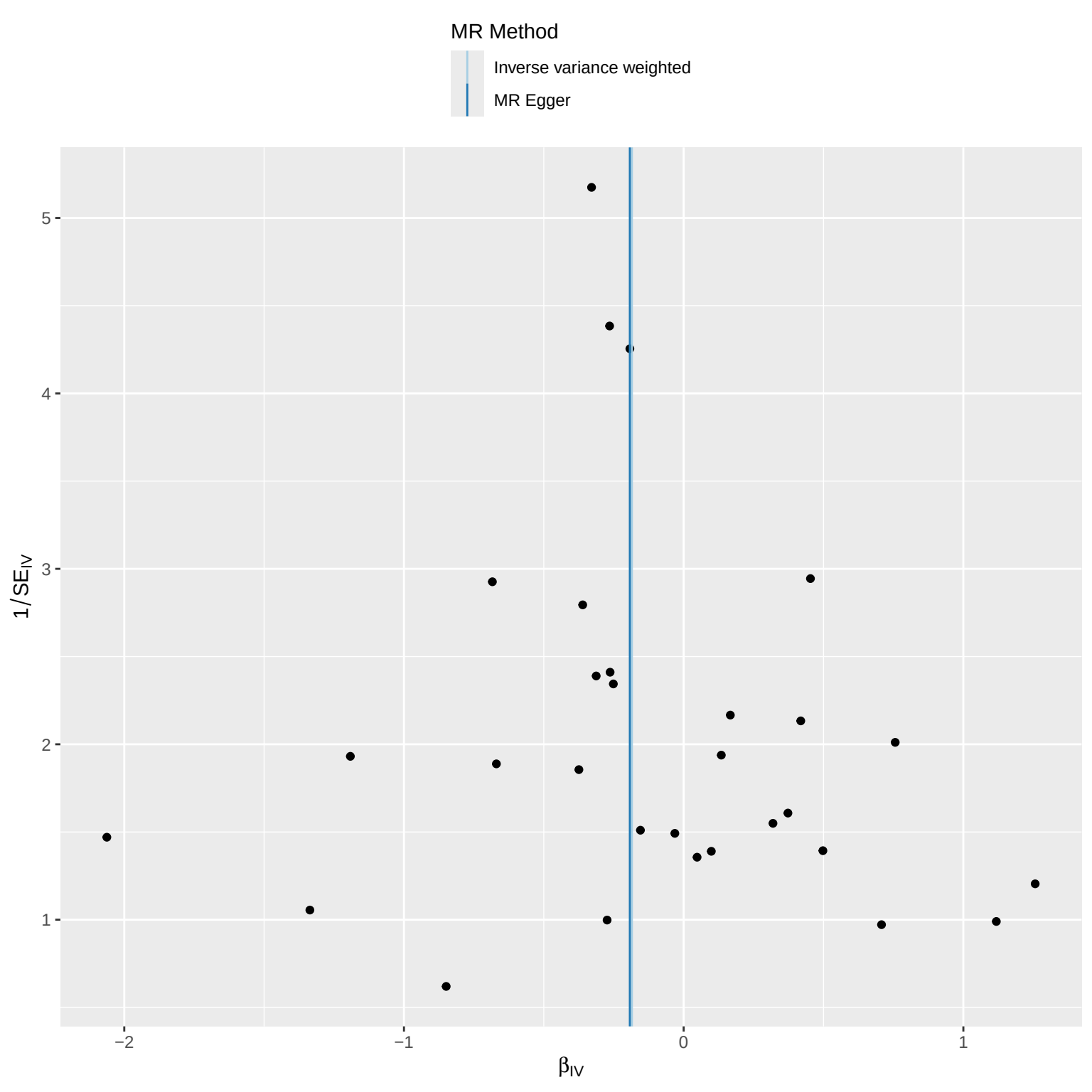

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

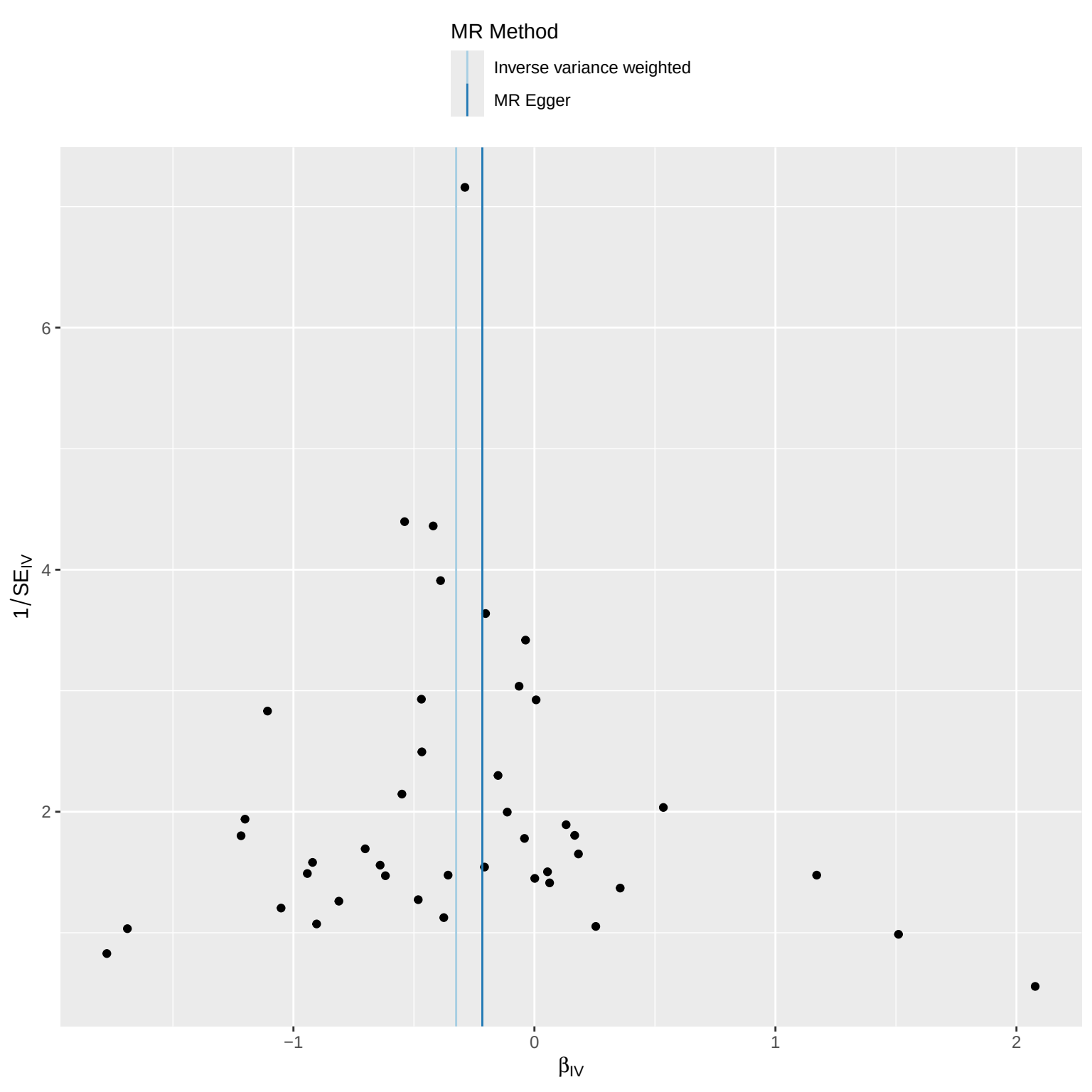

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.2
−0.8
−0.4
0.0
0.4
β_IV

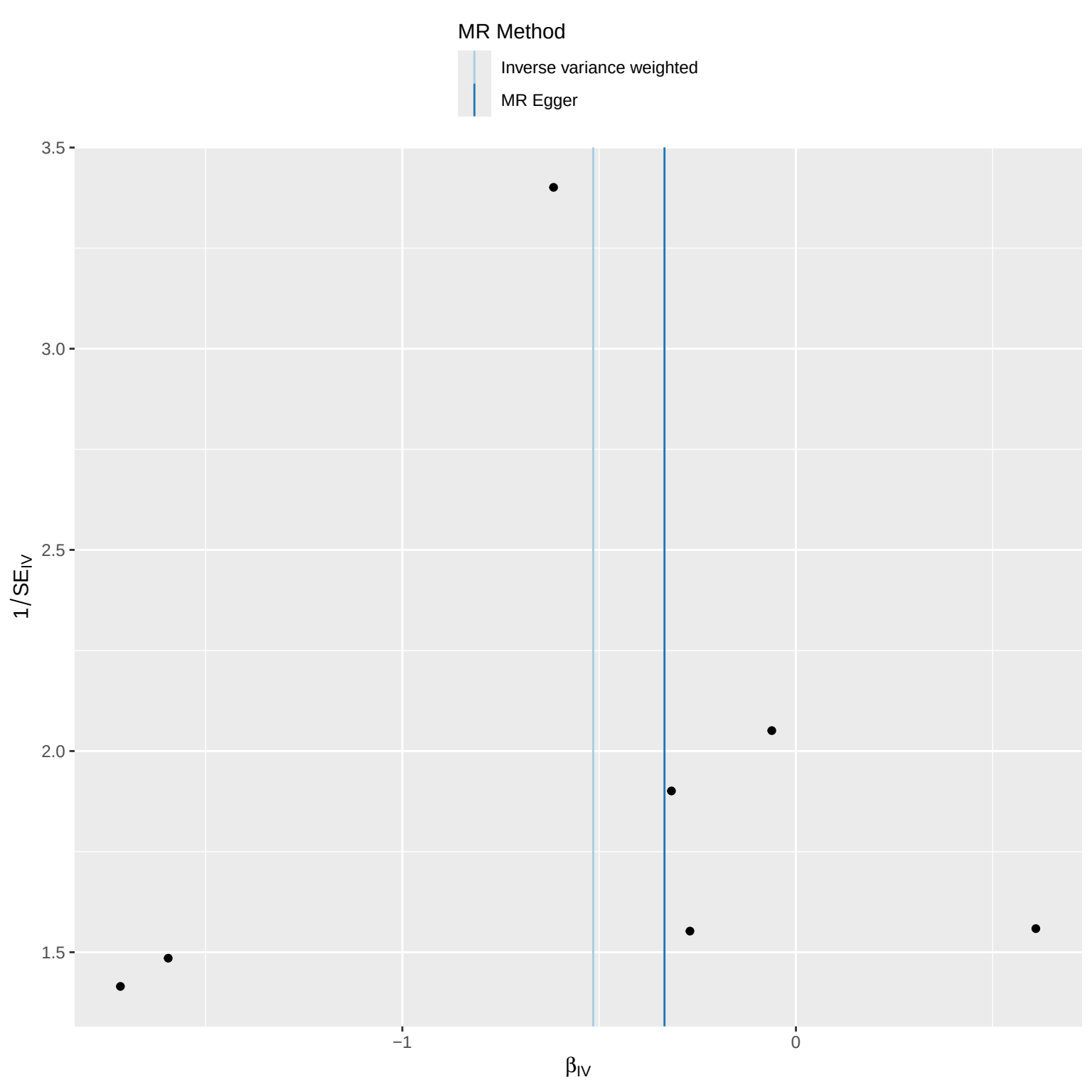

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5

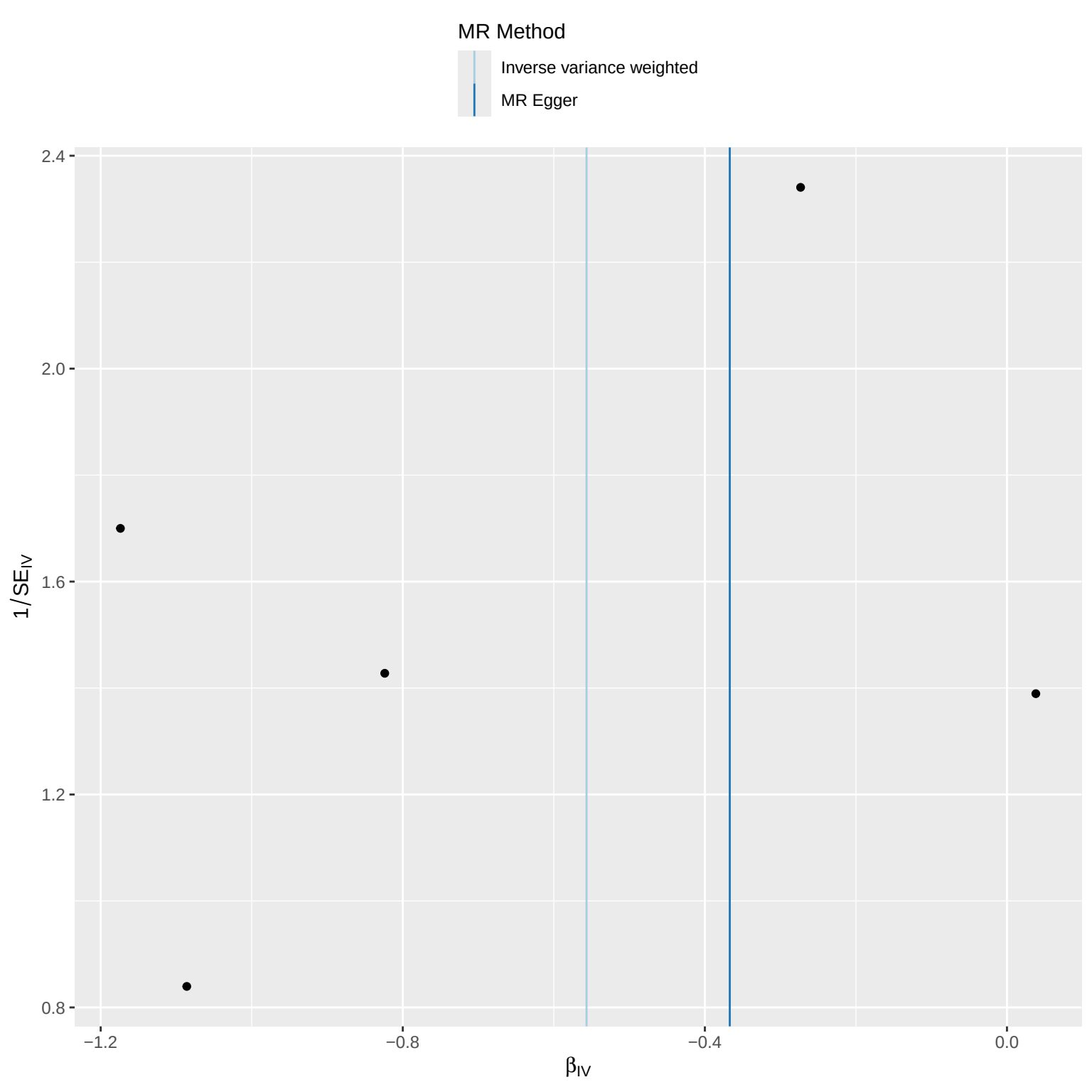

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

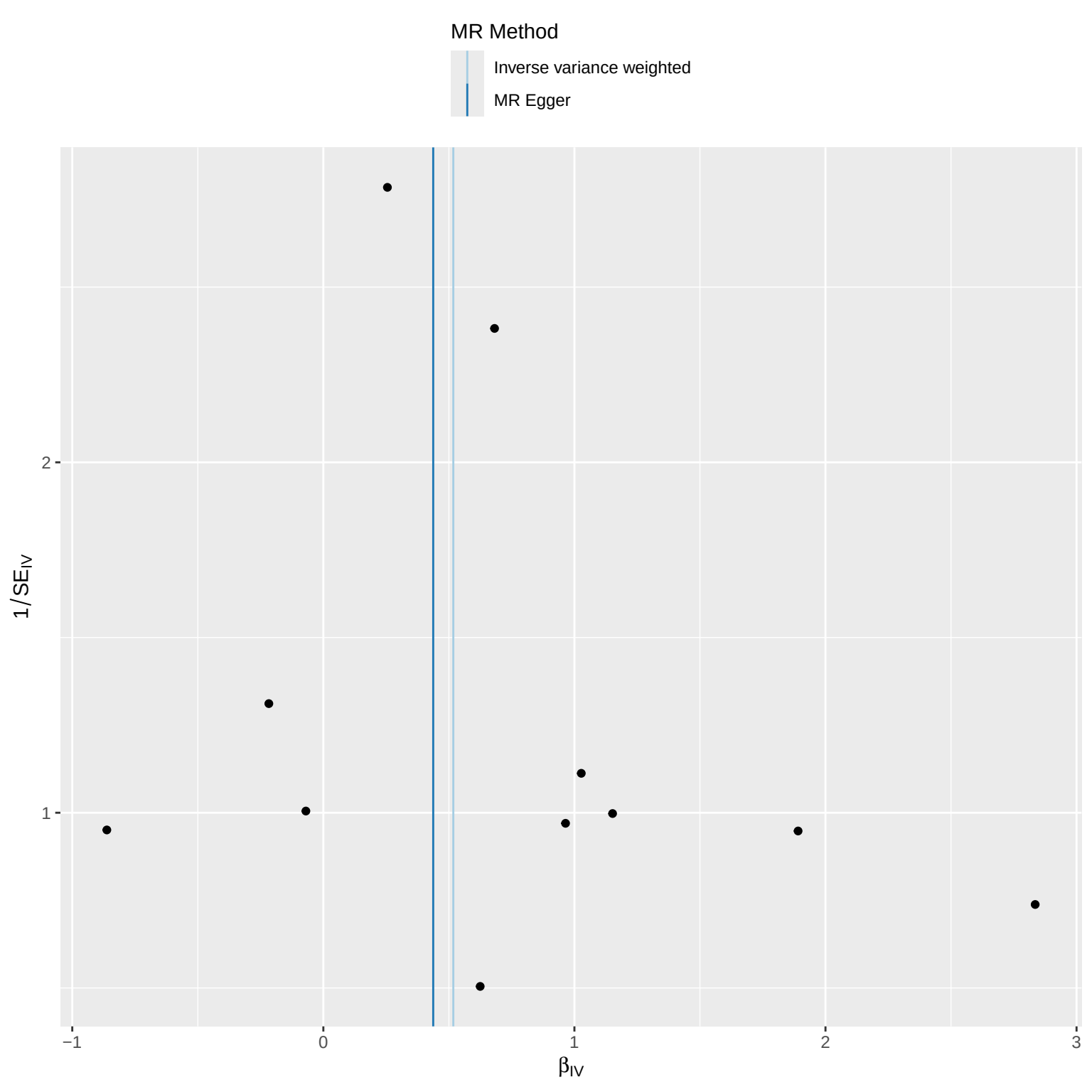

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

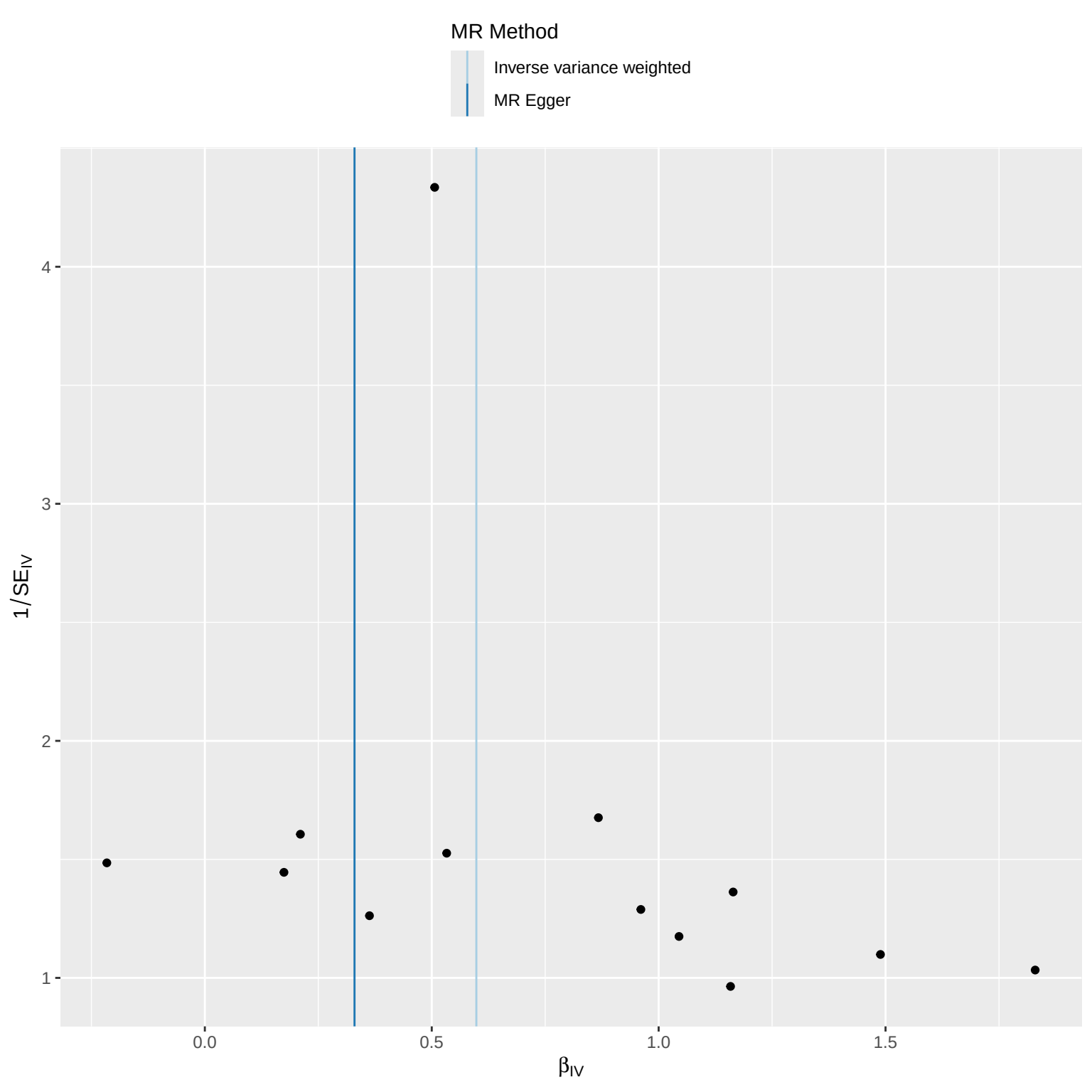

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

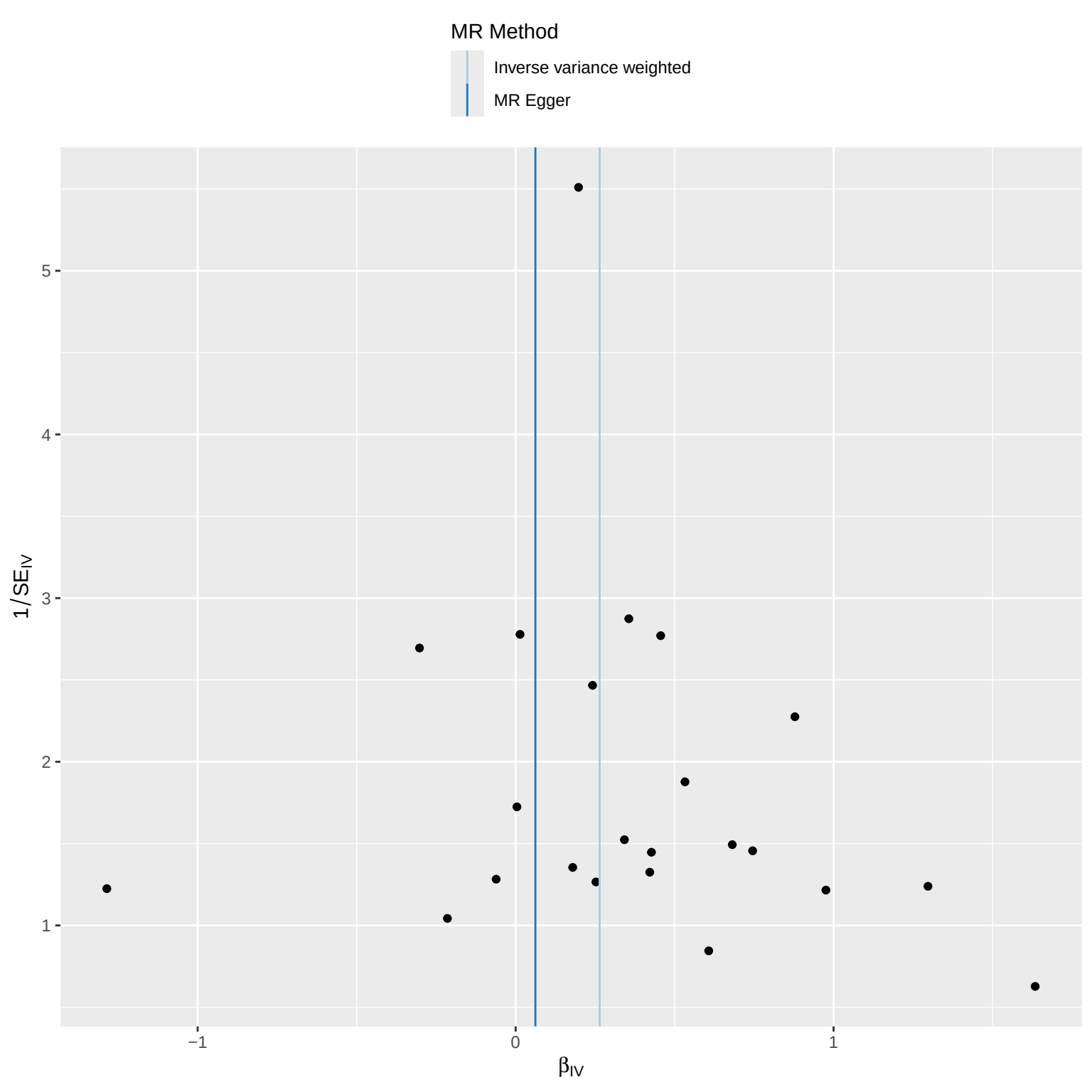

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

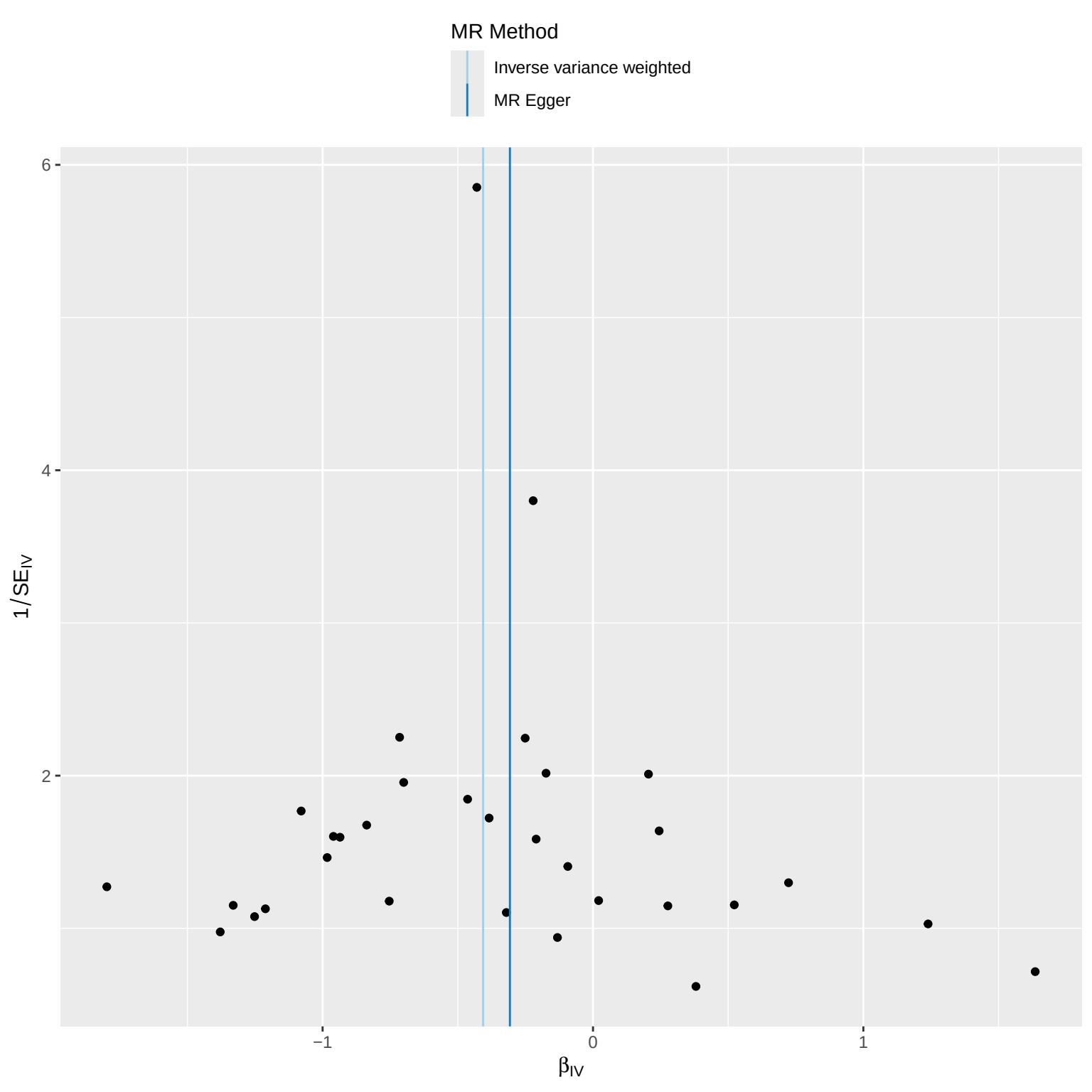

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−1
0
β_IV

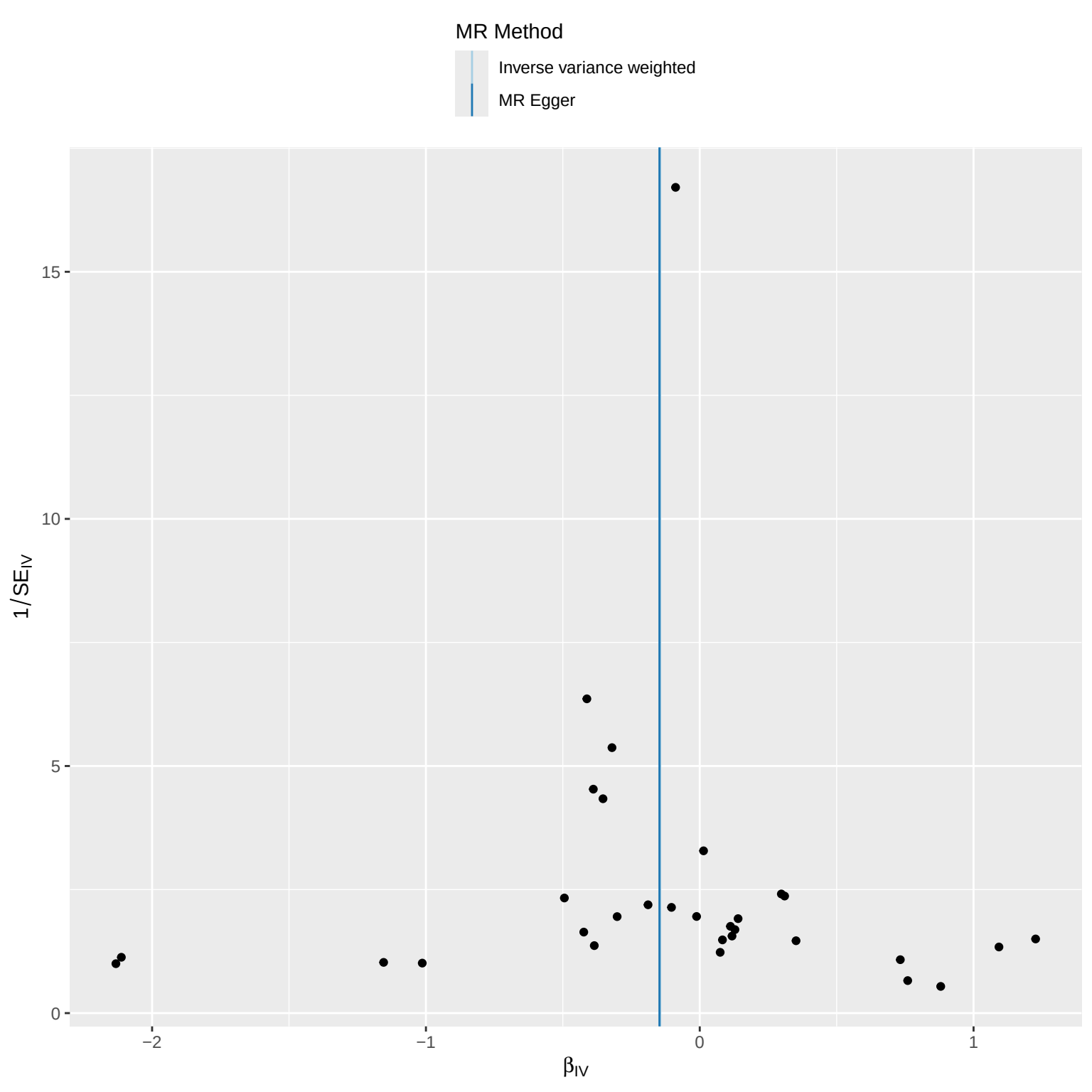

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

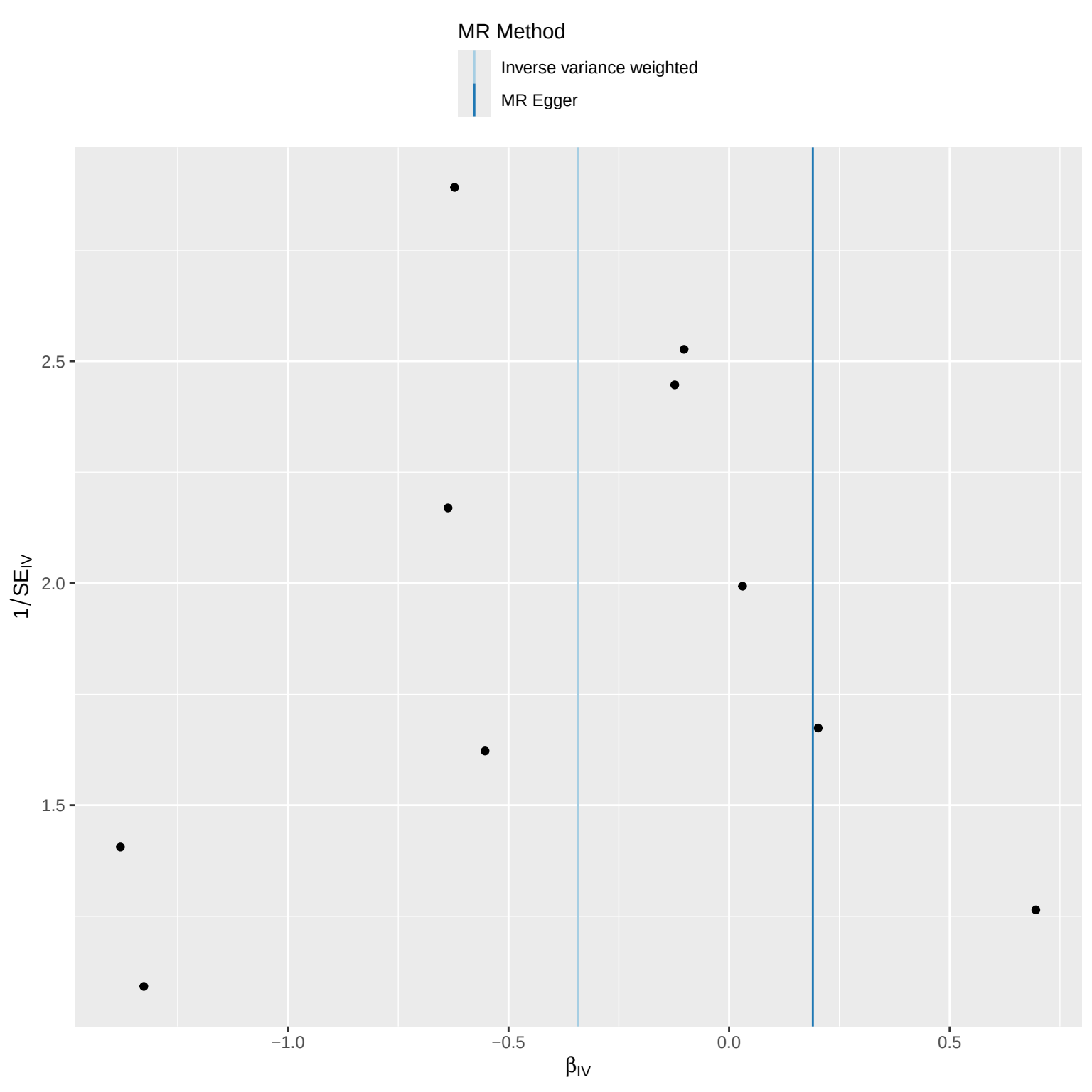

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

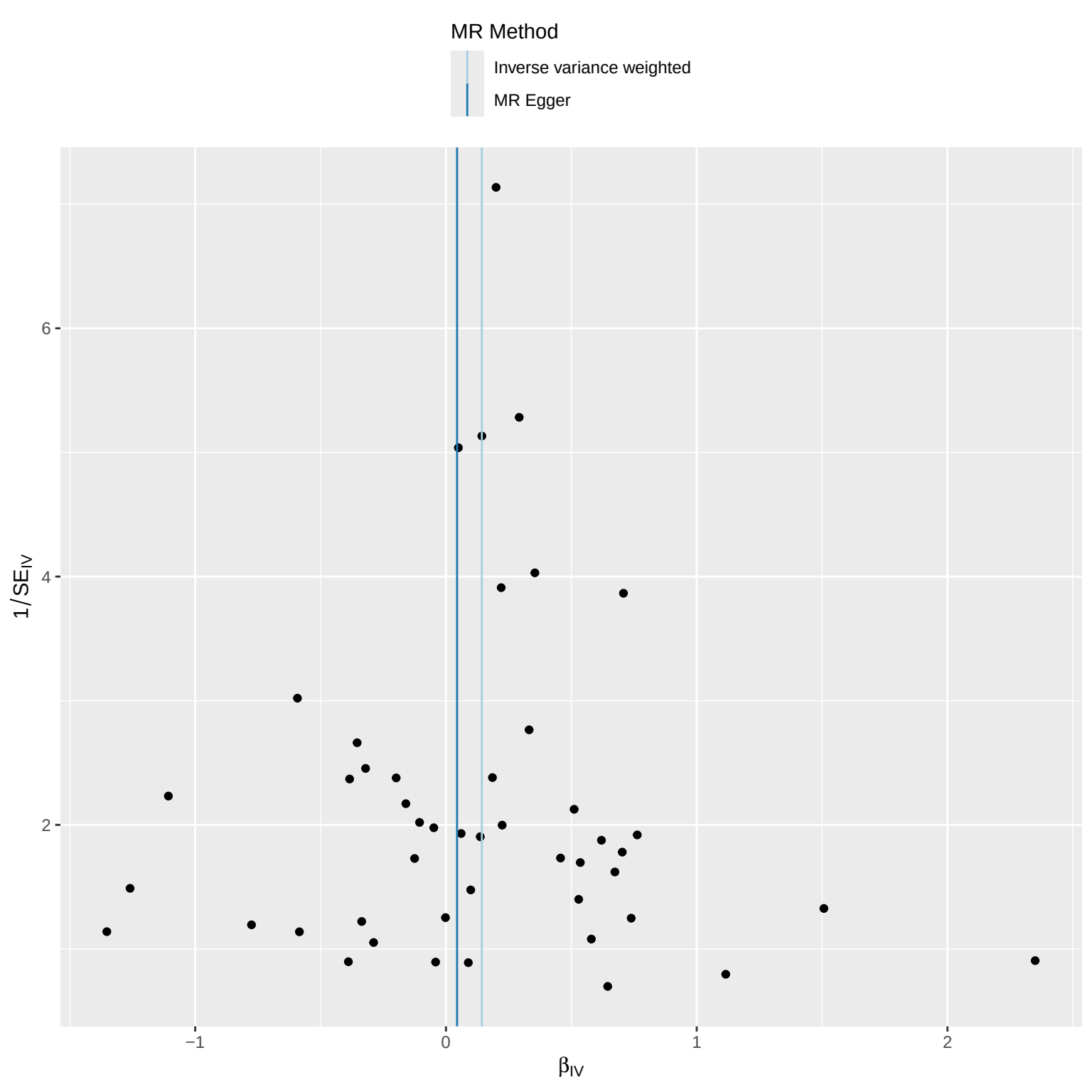

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

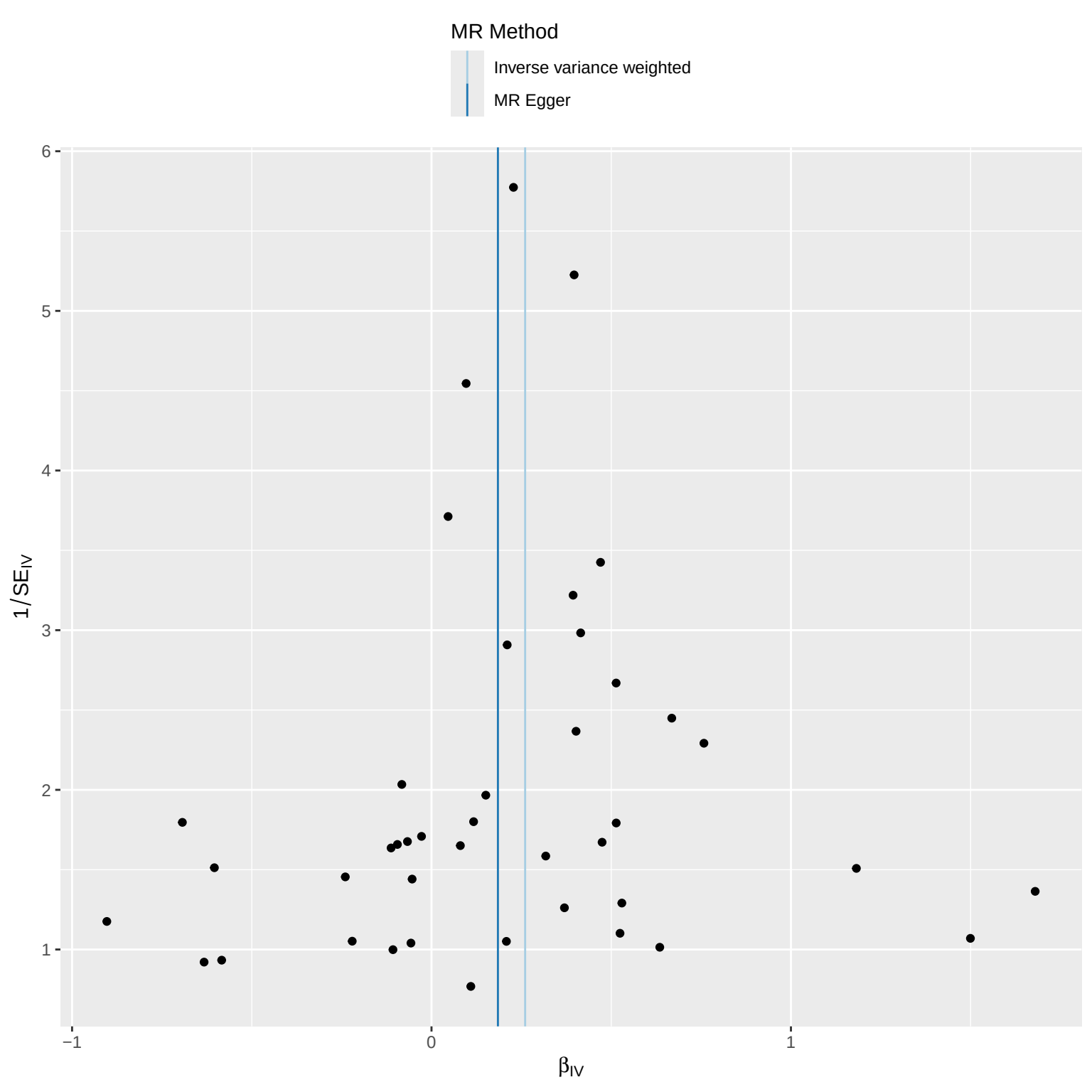

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

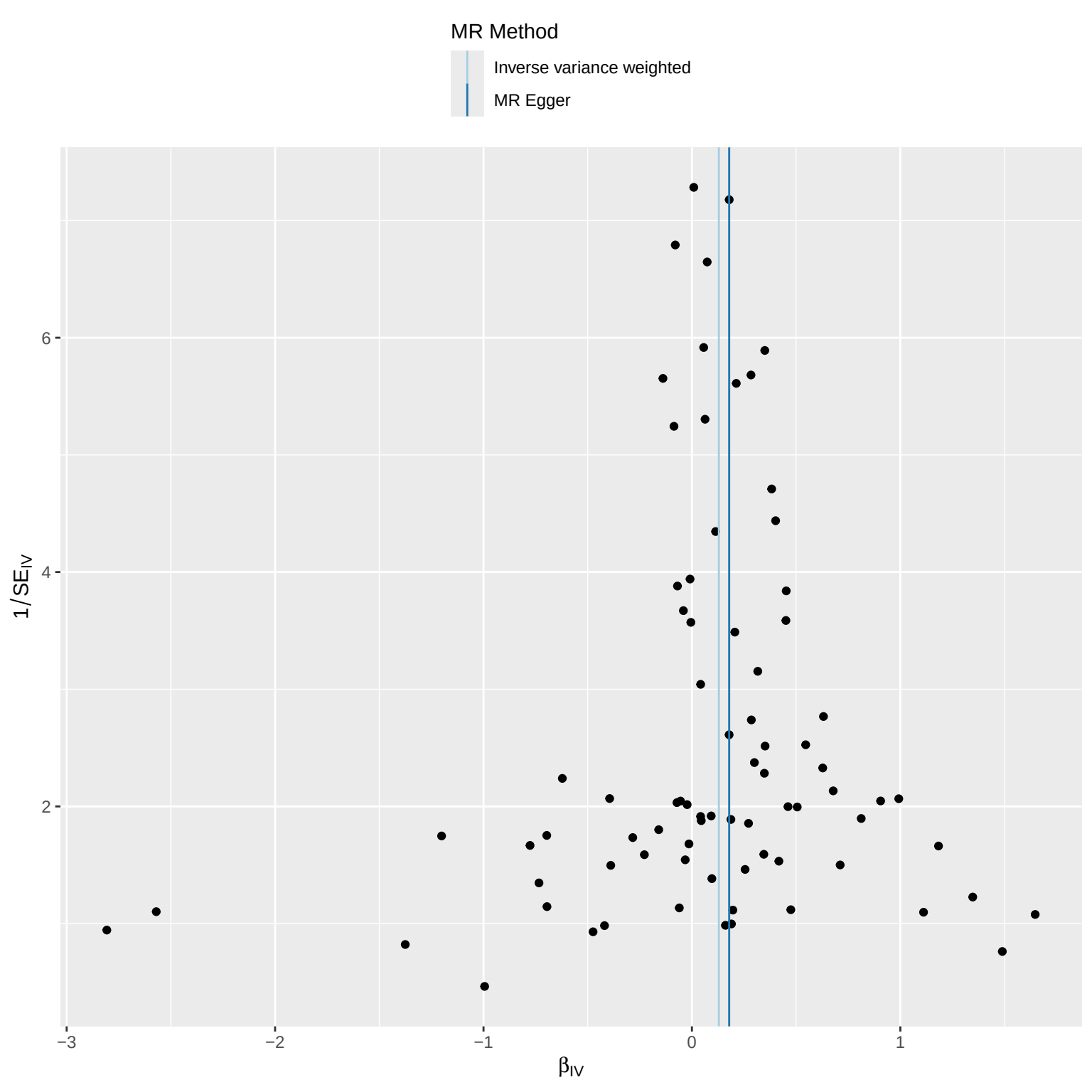

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

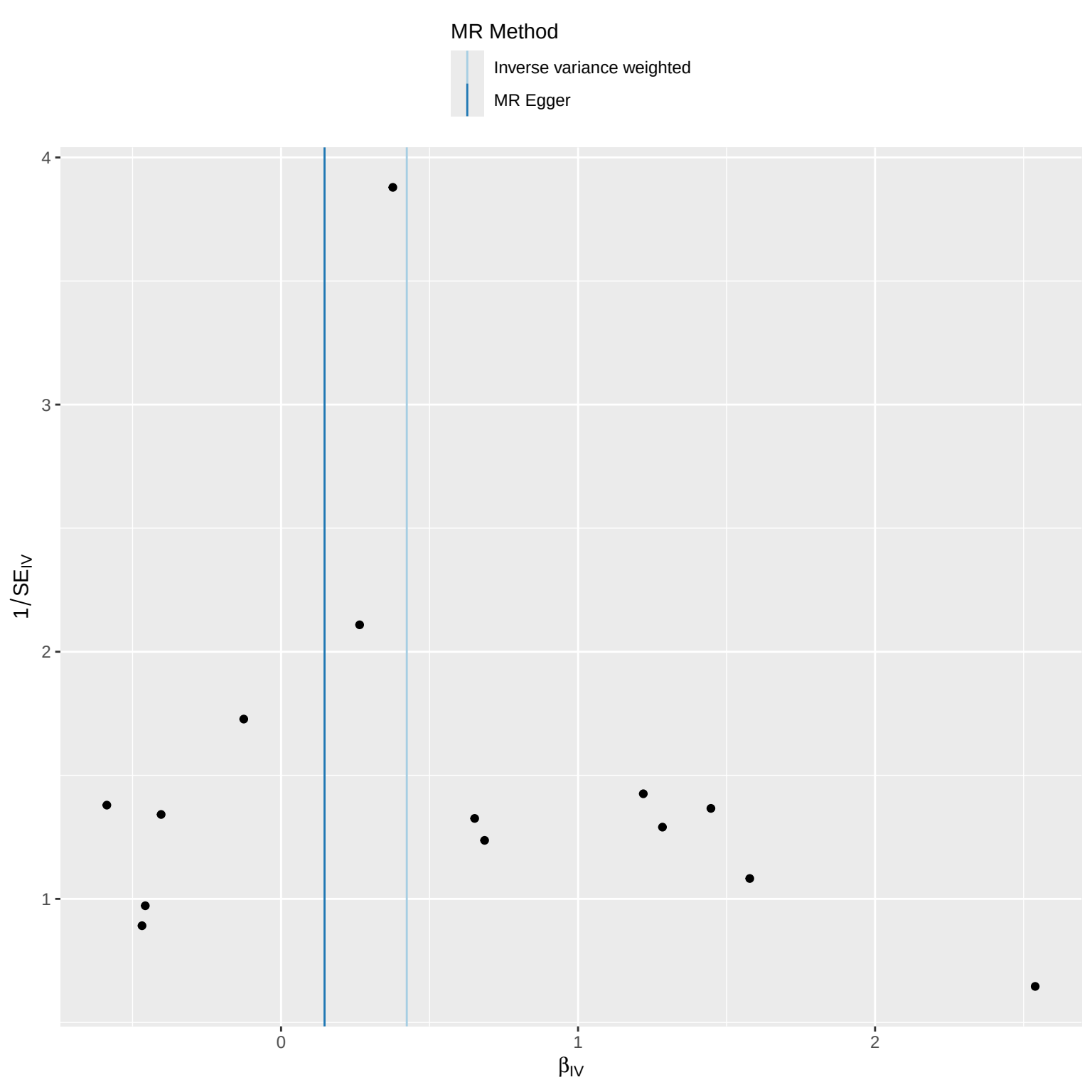

MR Method
Inverse variance weighted
MR Egger
15
10
5
0
1/SE_IV
−2
−1
0
1
β_IV

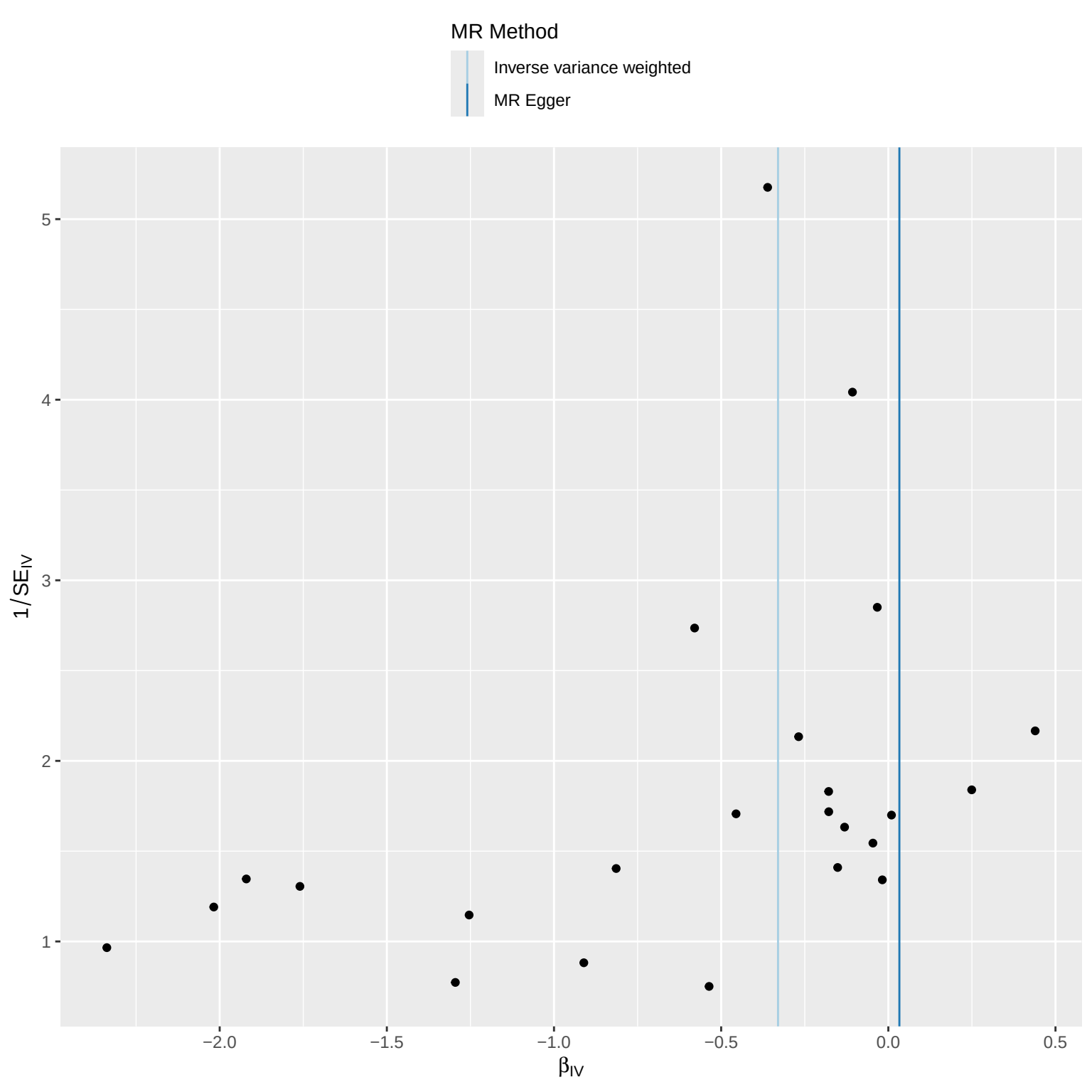

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

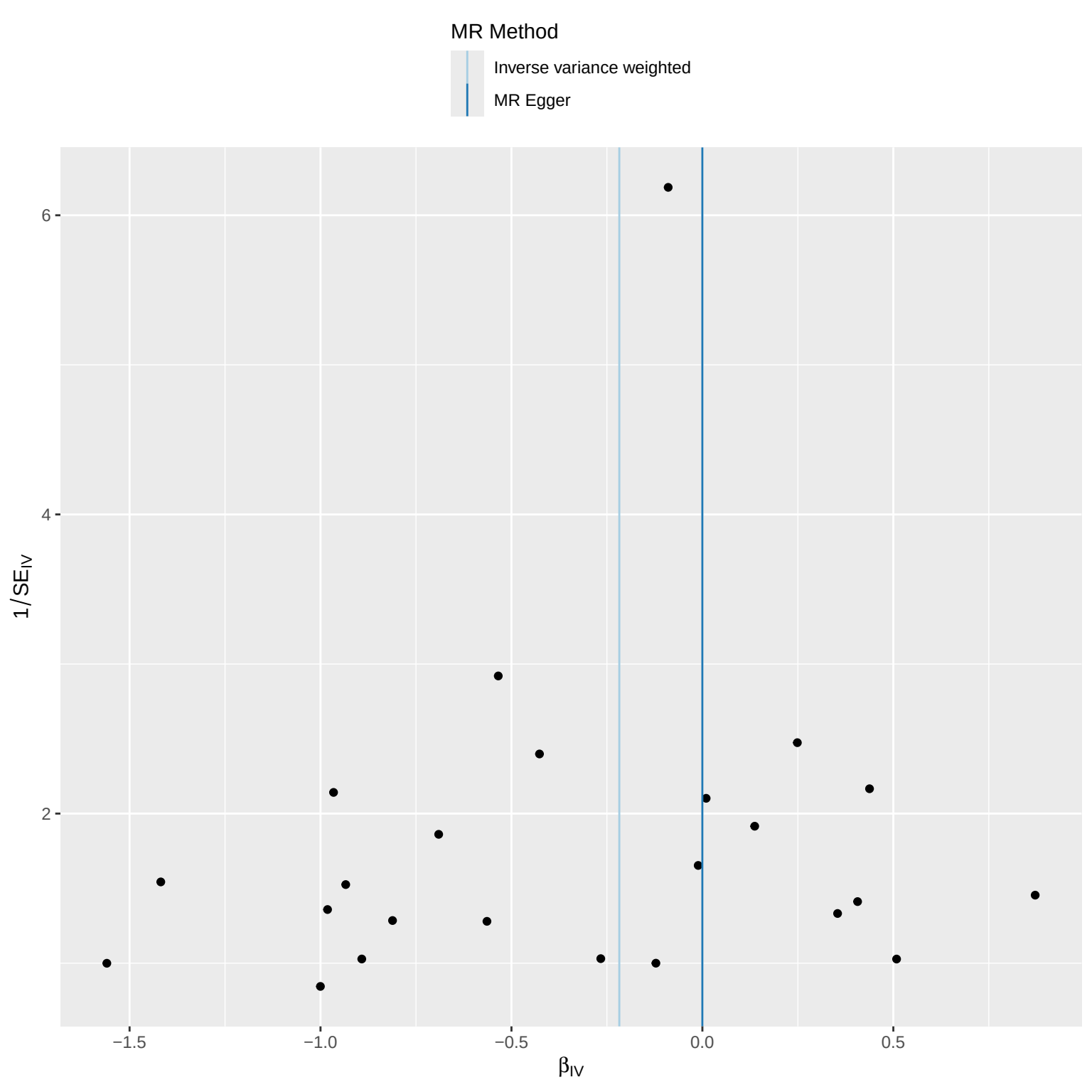

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

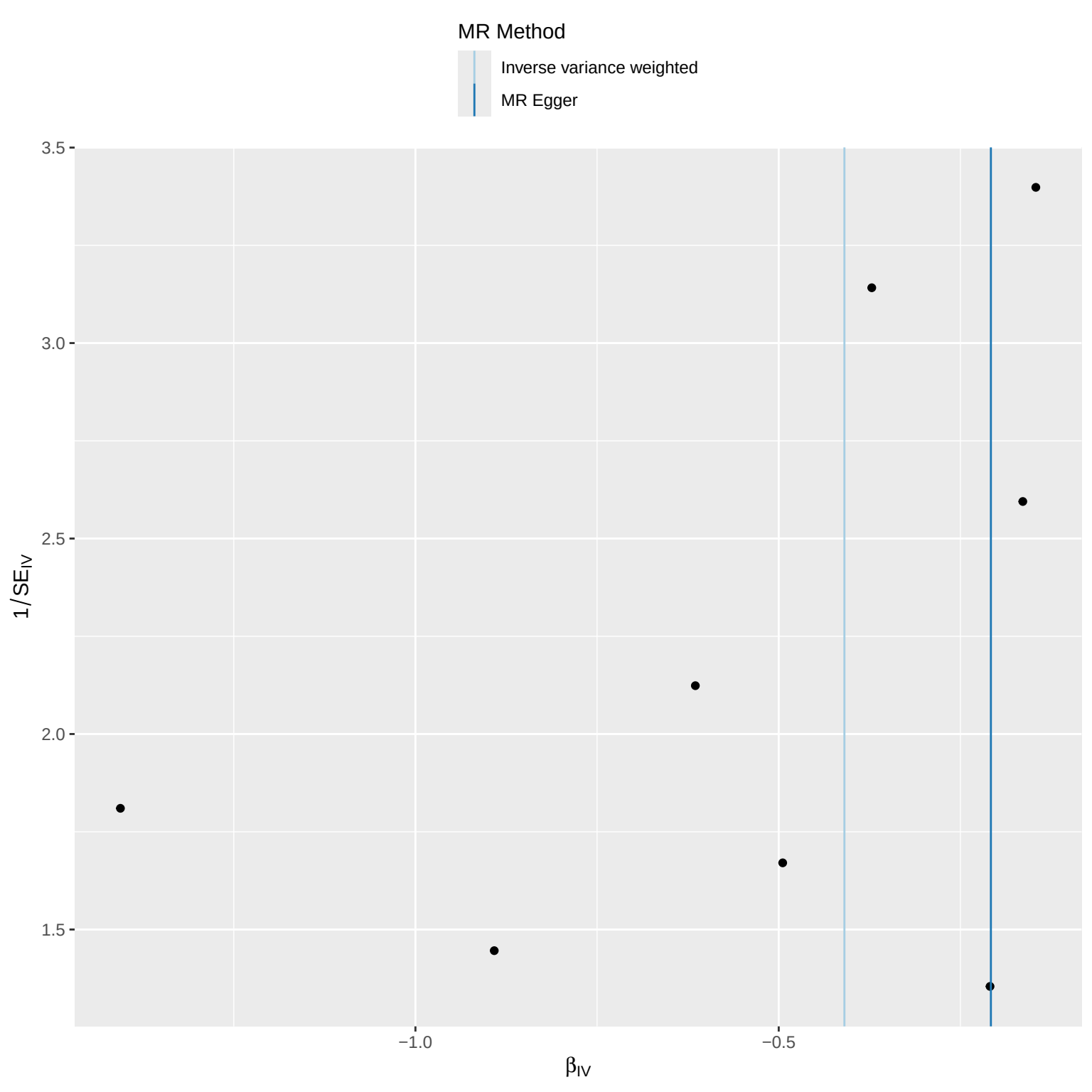

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

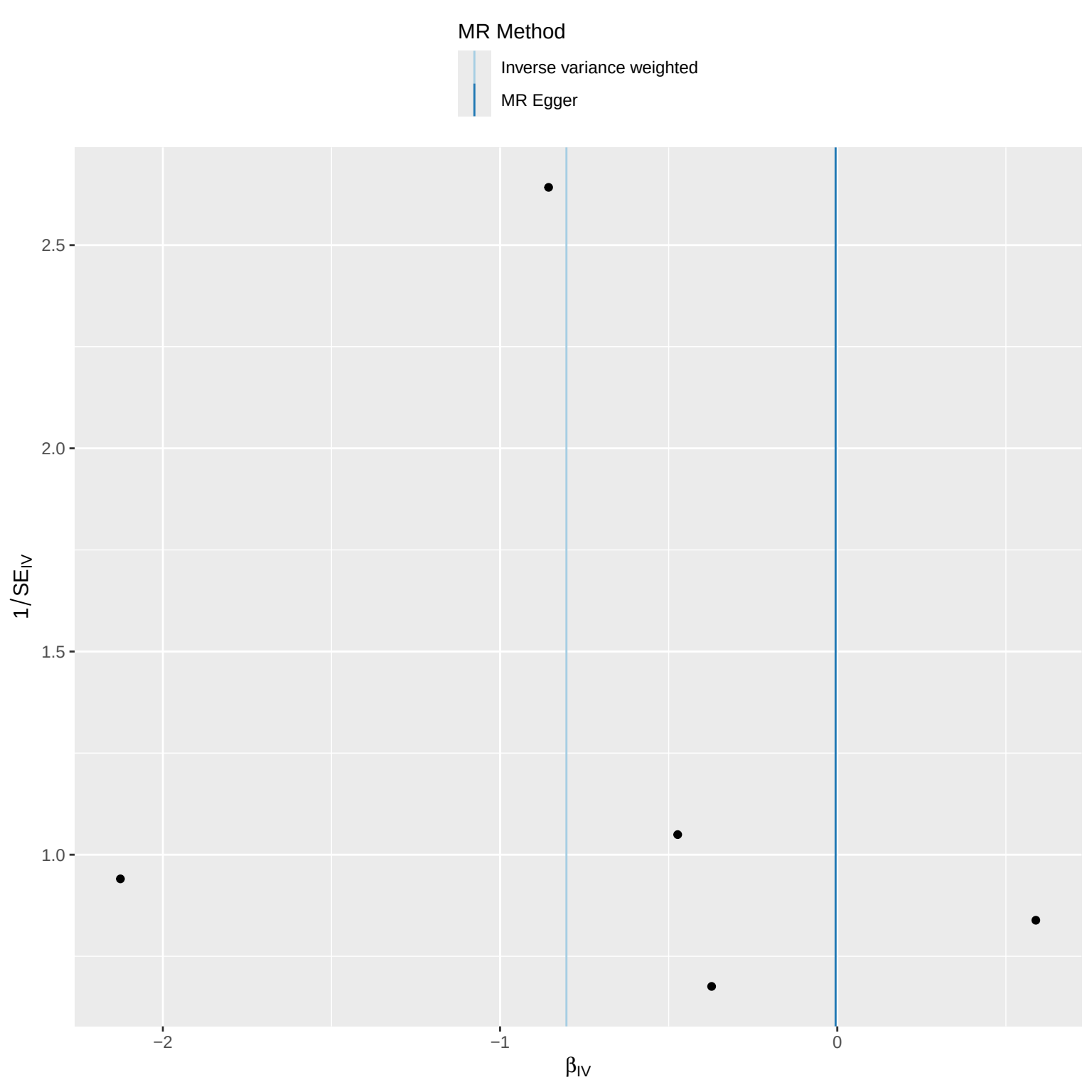

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

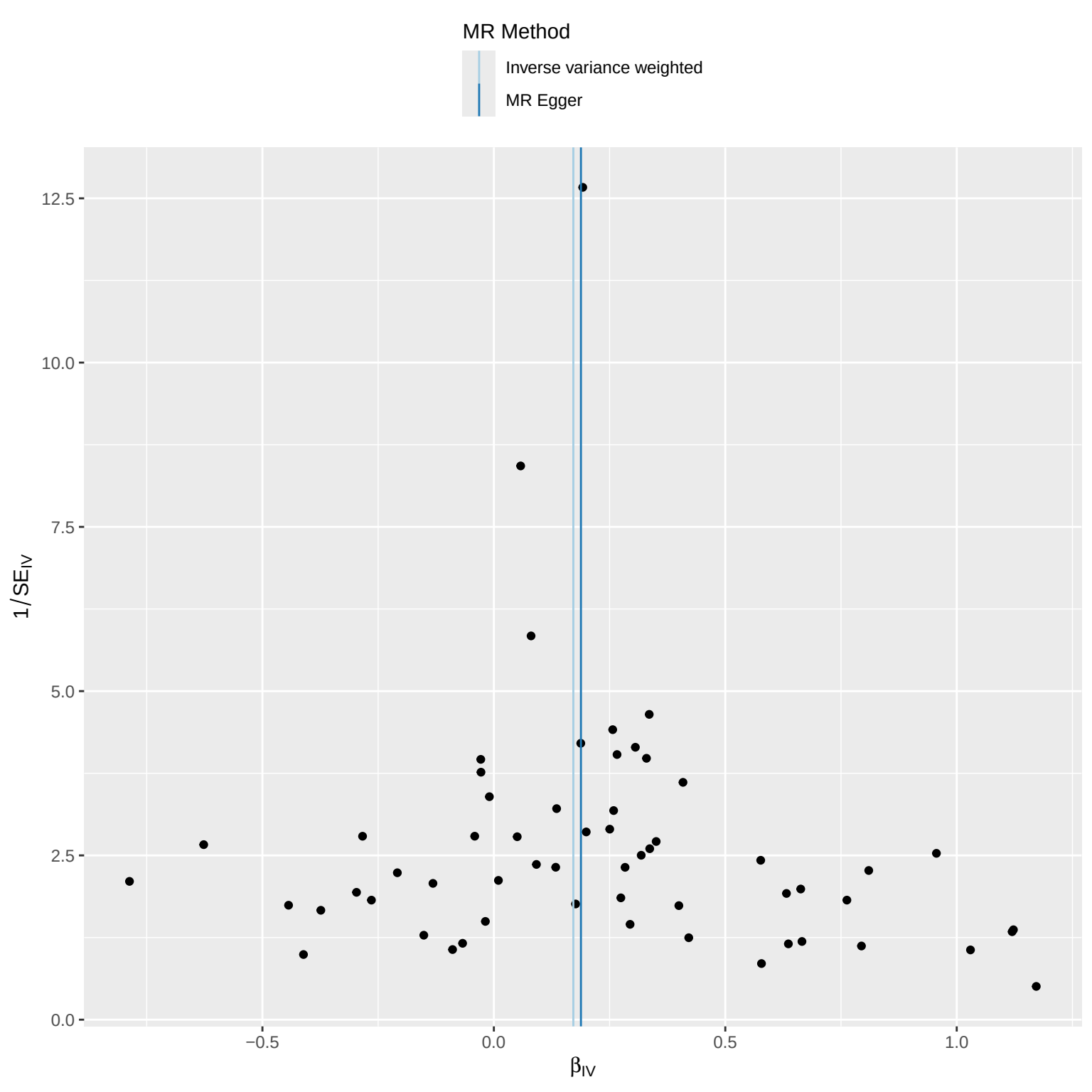

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

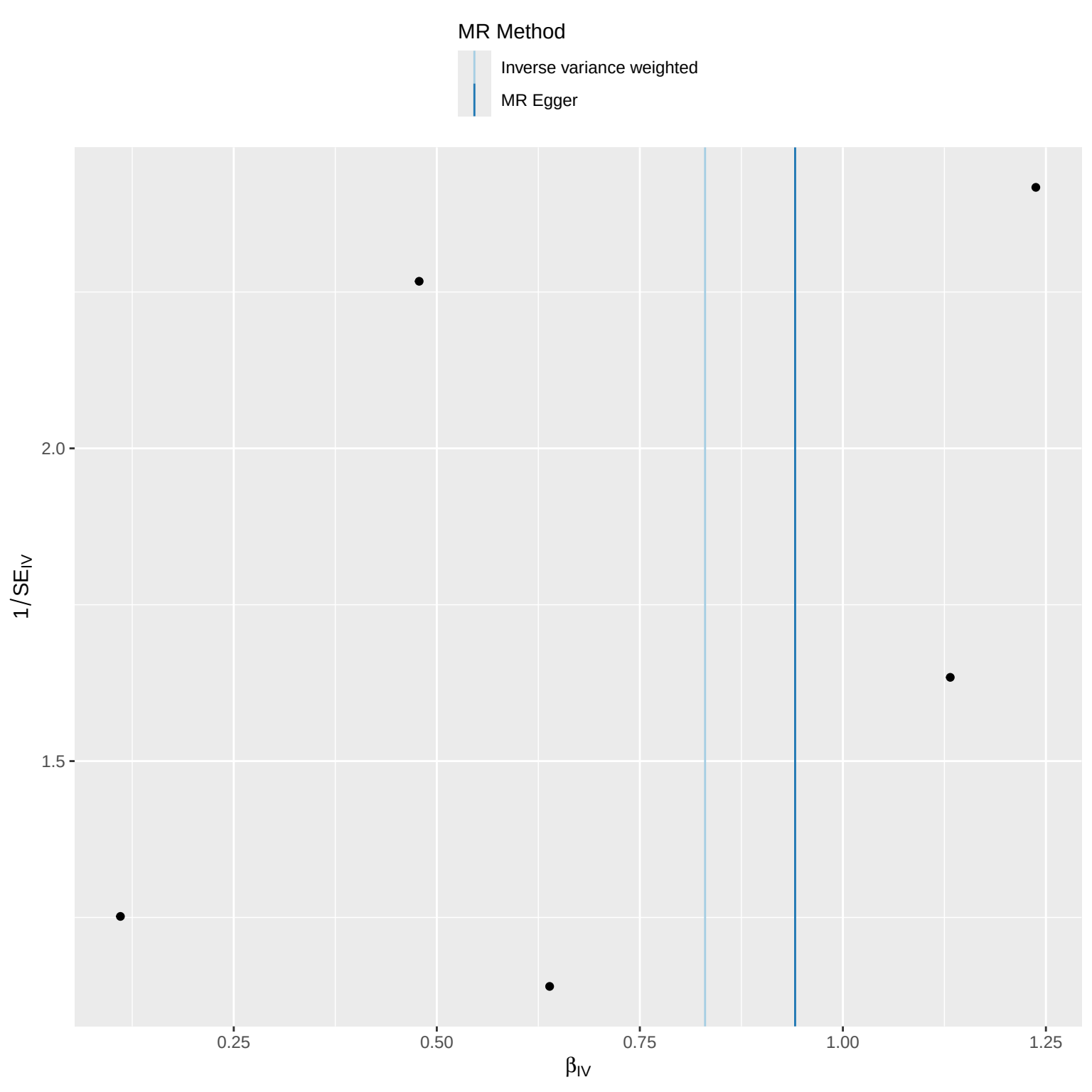

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

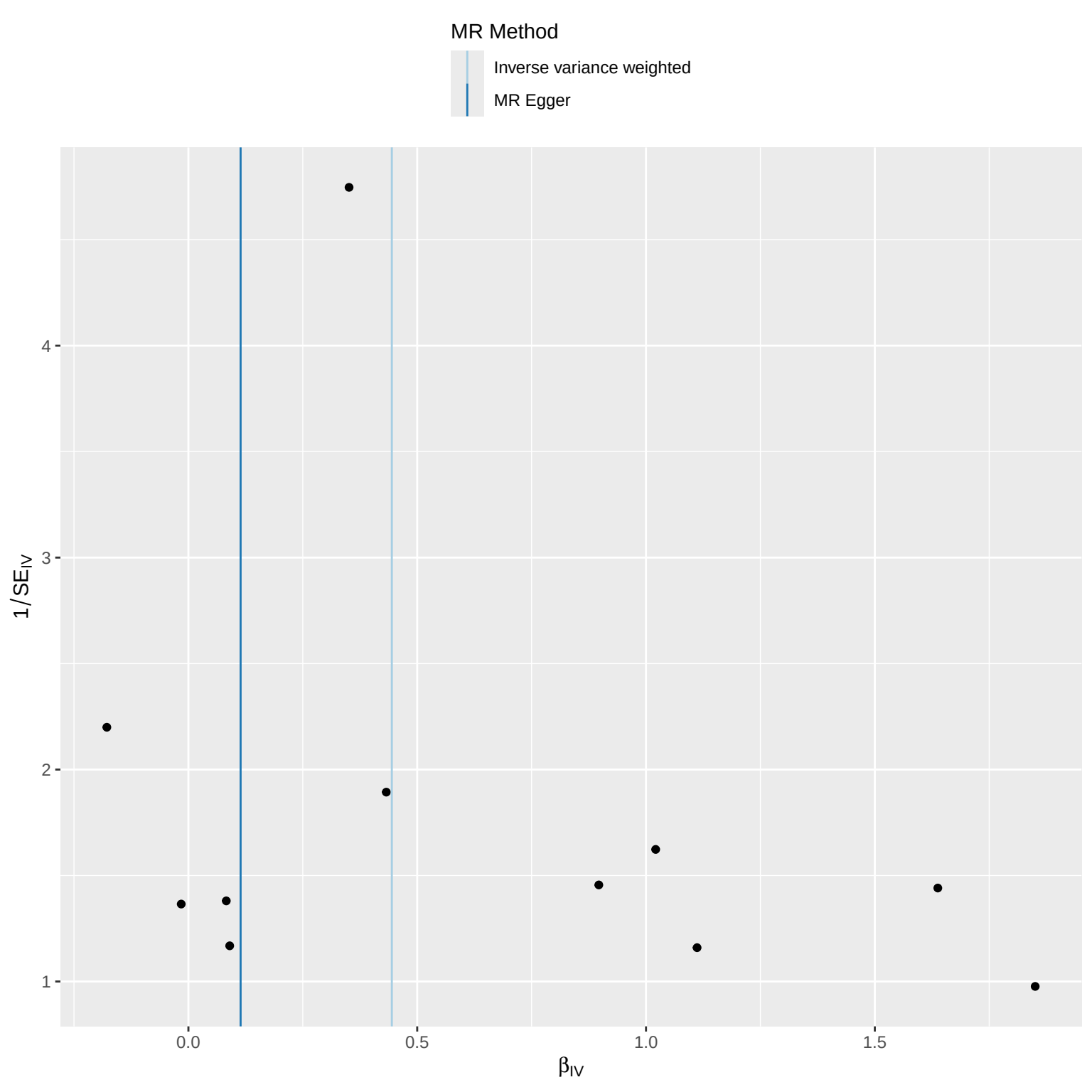

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

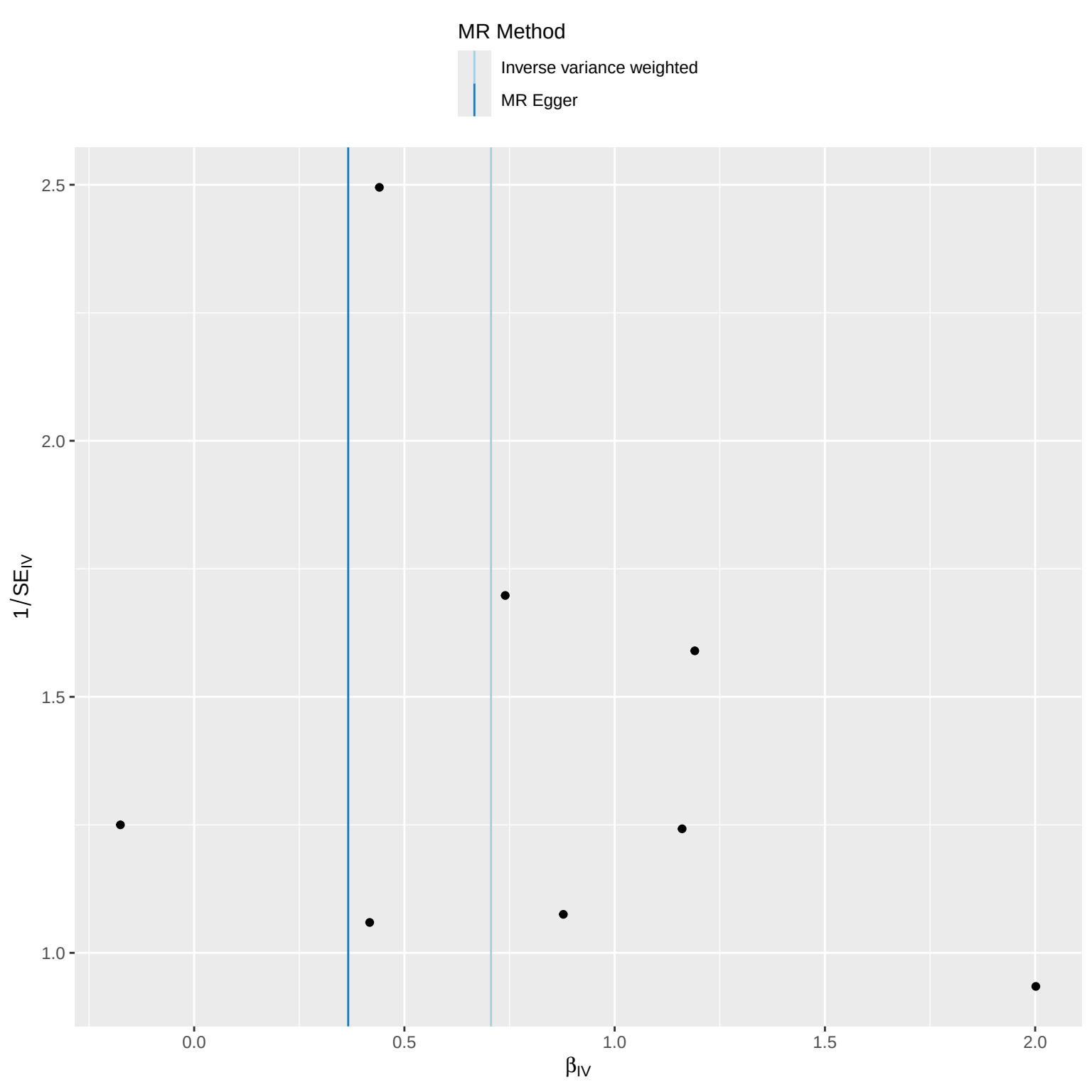

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
β_IV

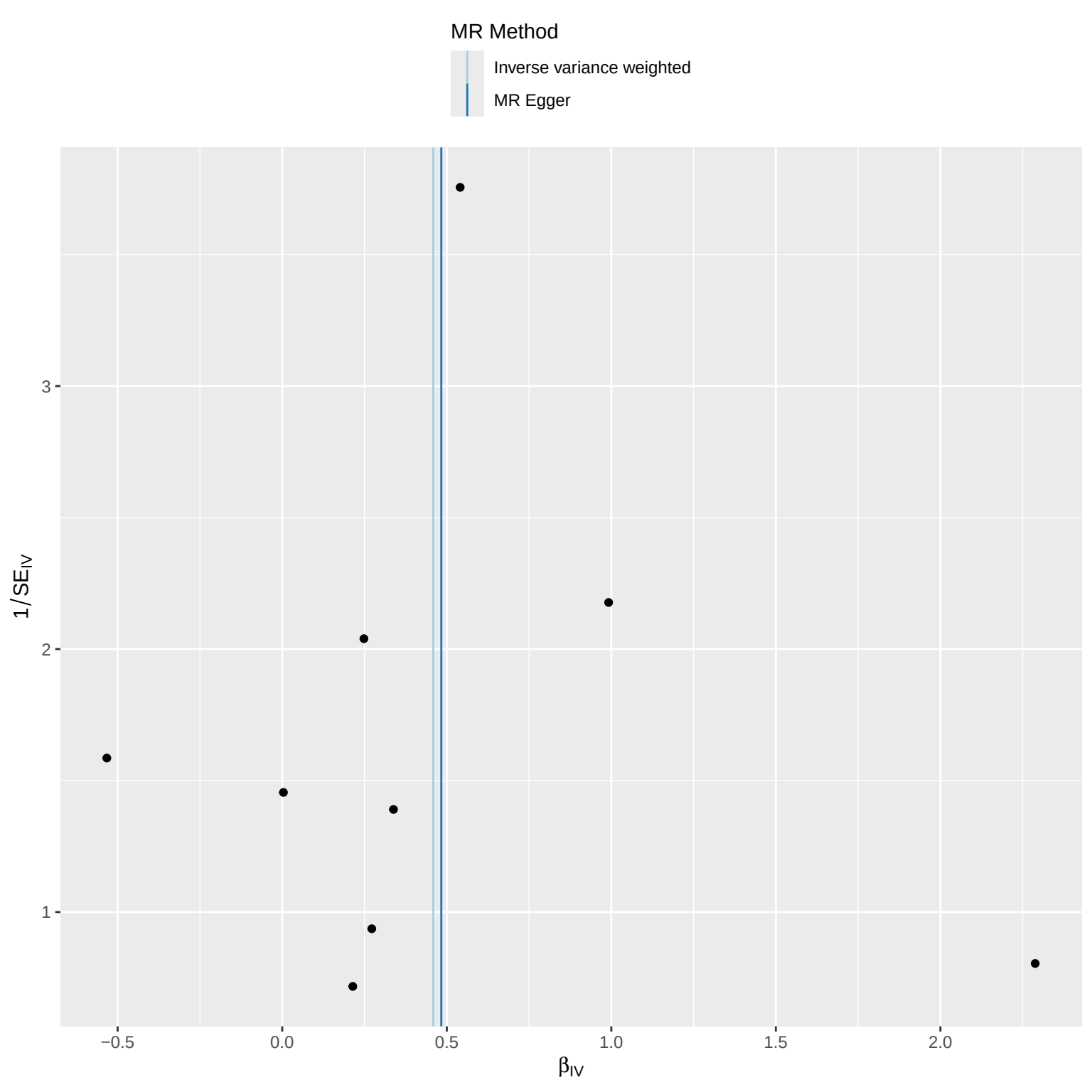

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

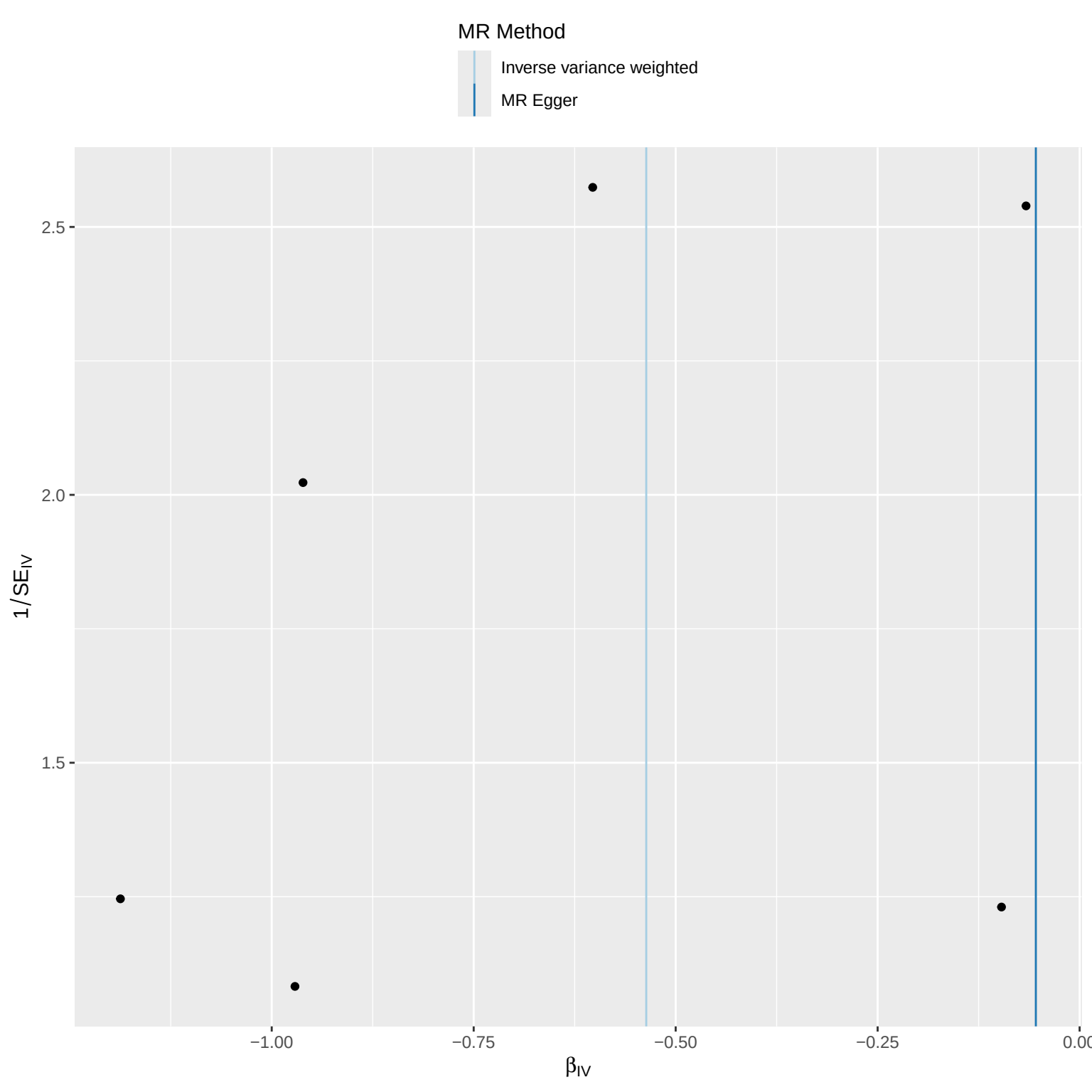

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

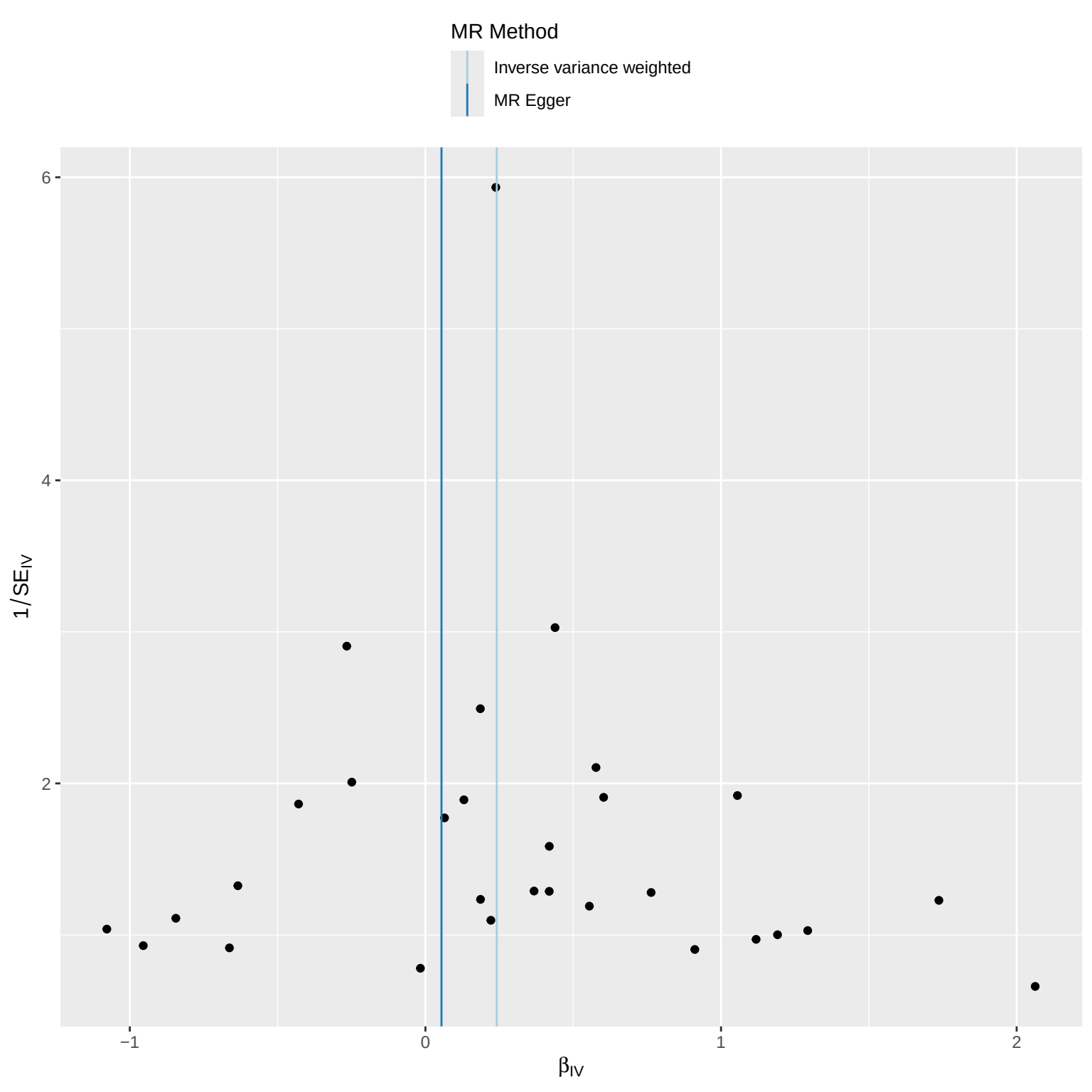

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1/SE_IV
0.25
0.50
0.75
1.00
1.25
β_IV

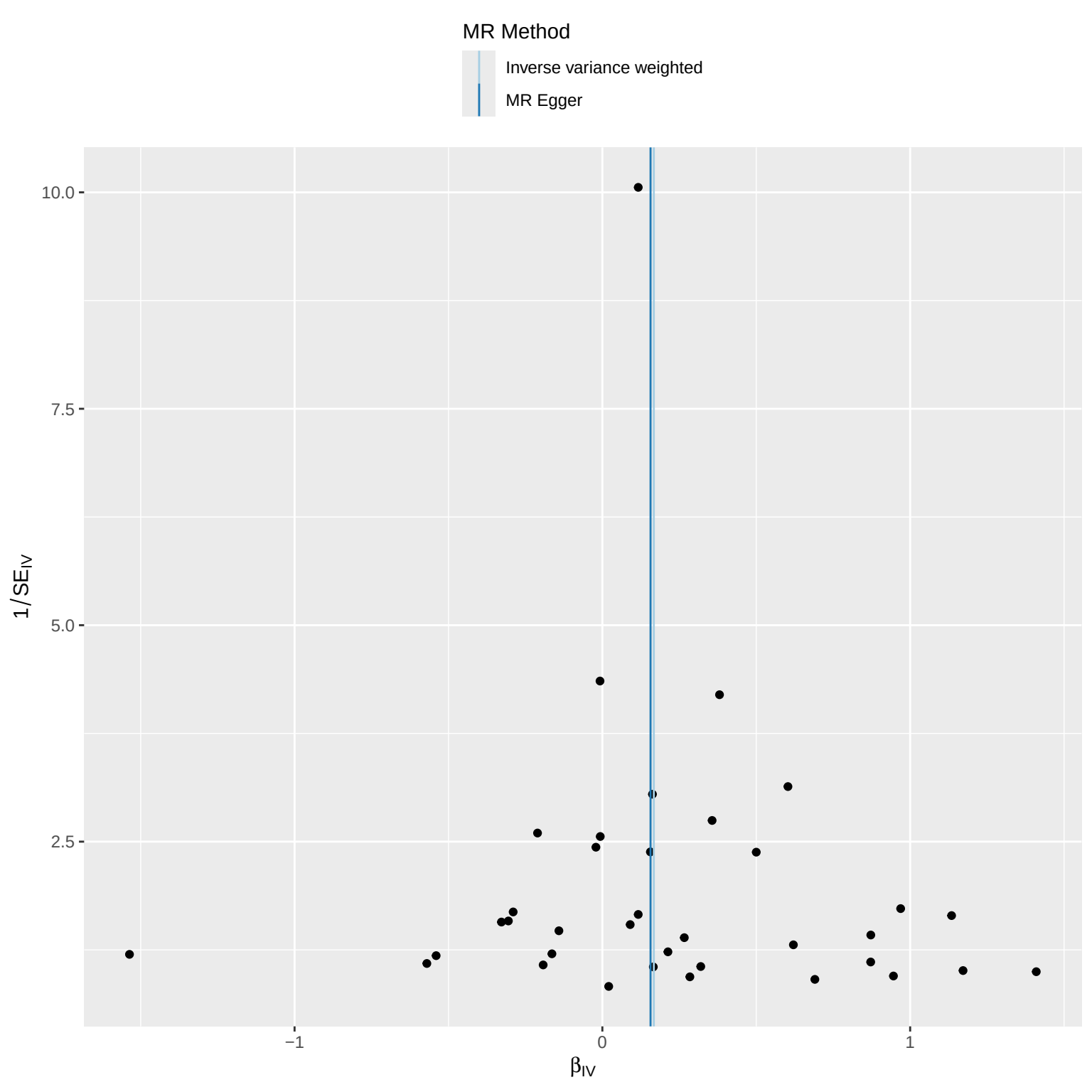

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

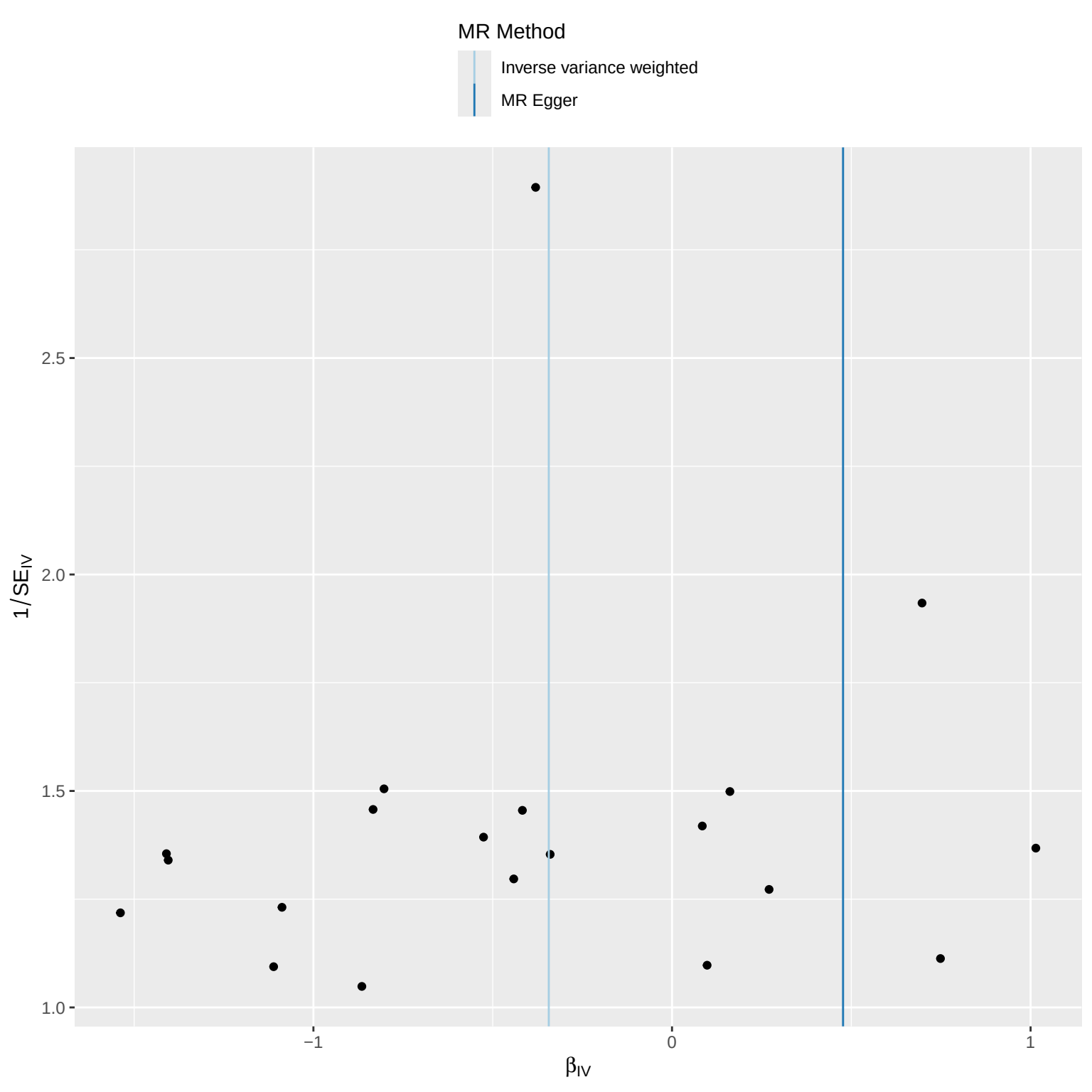

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

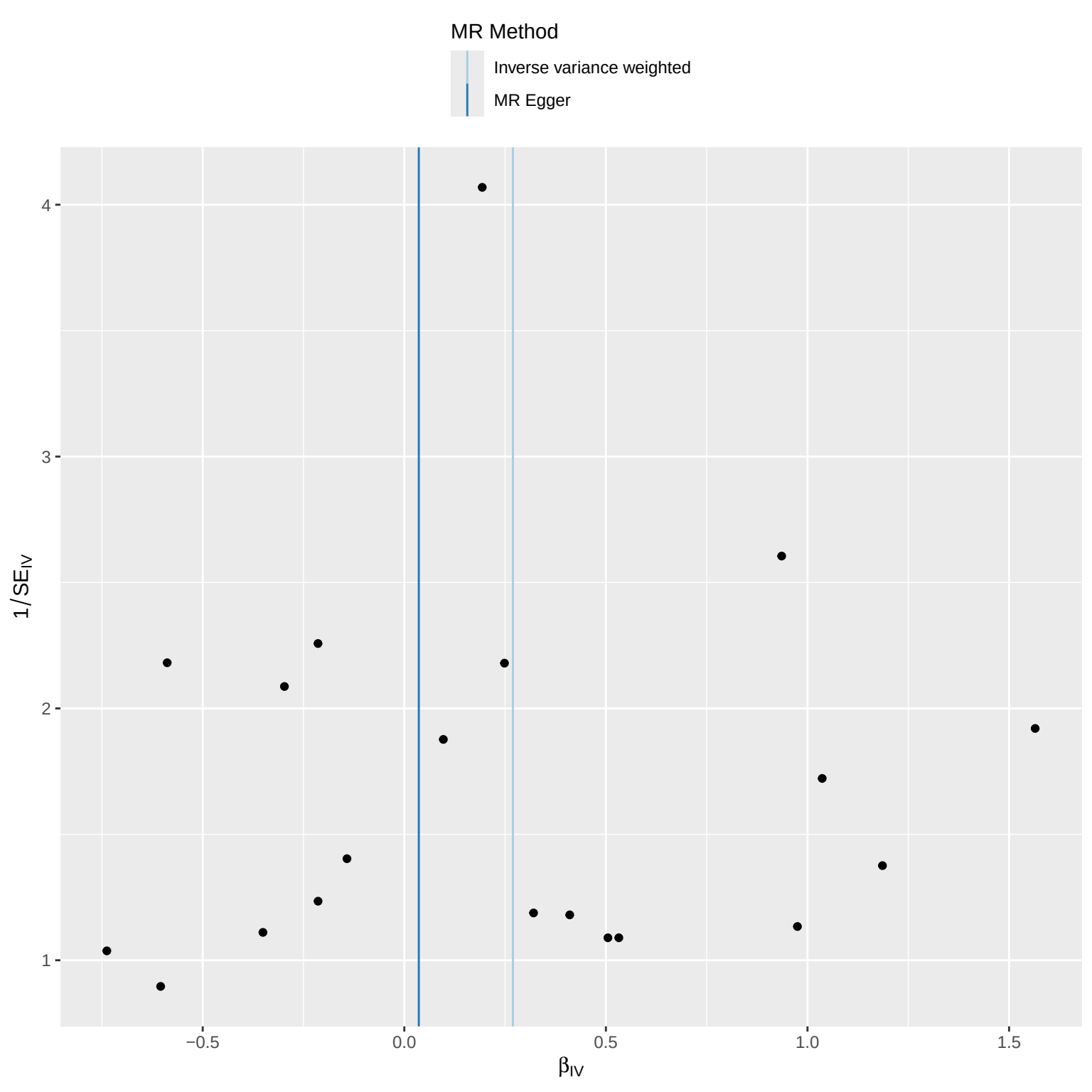

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

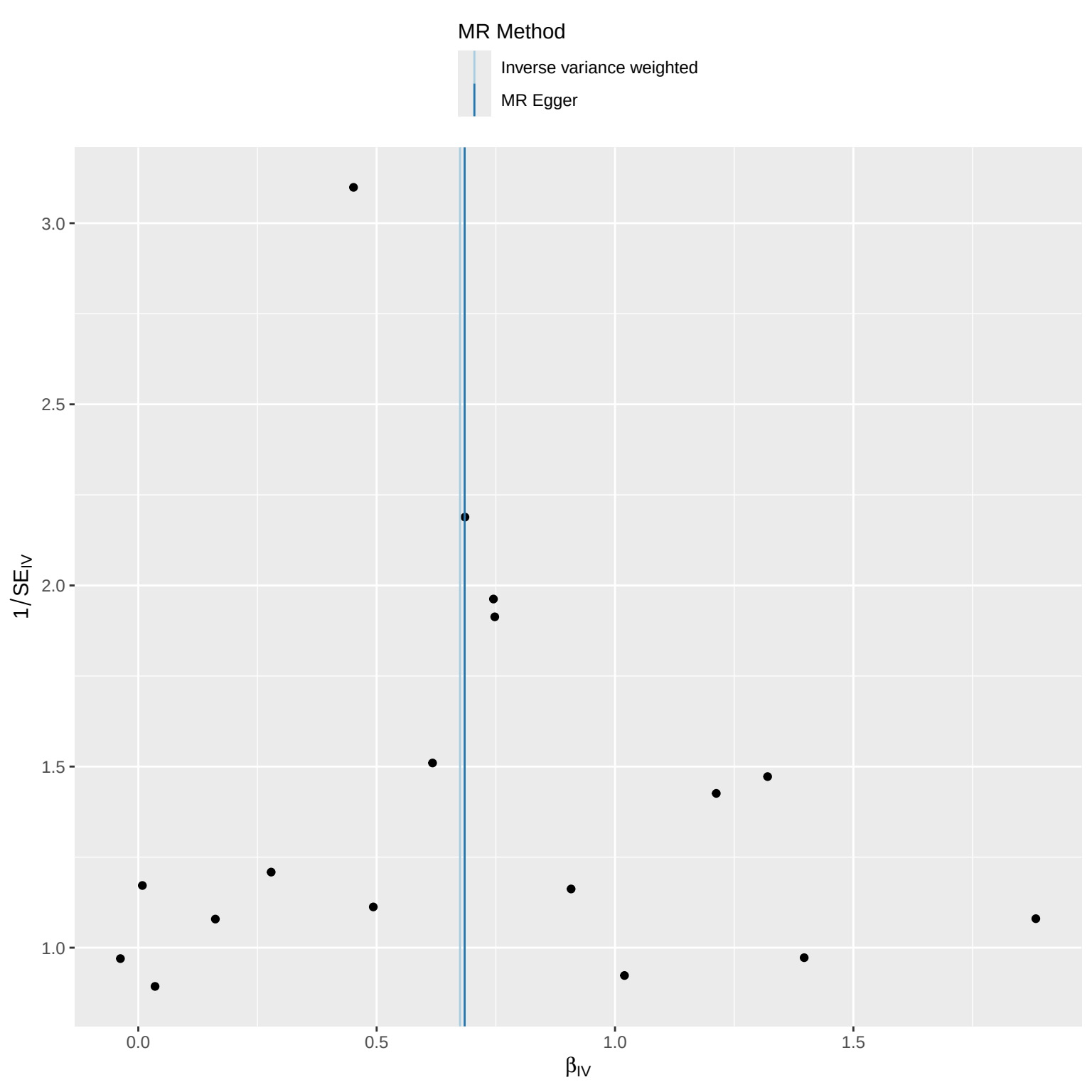

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
β_IV

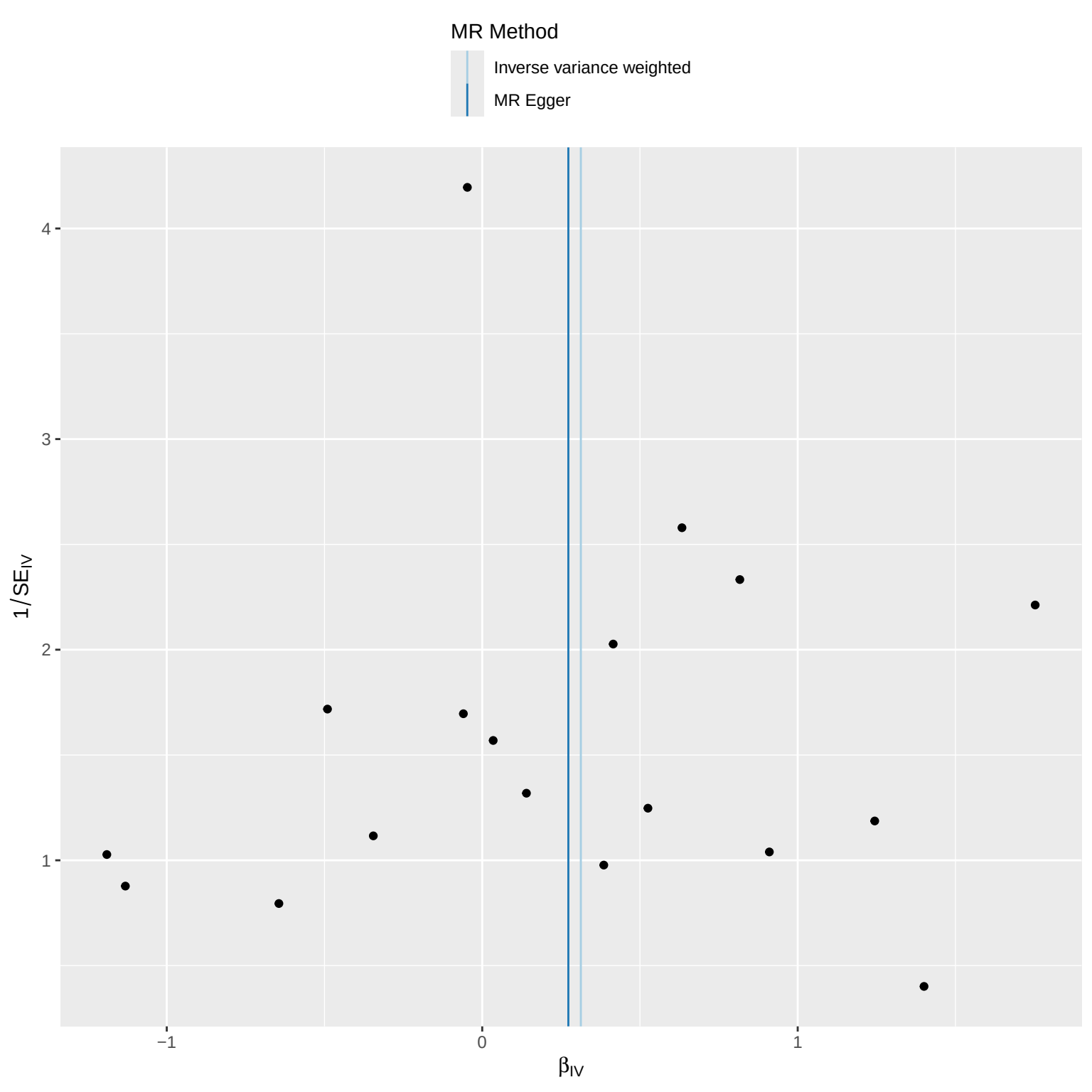

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

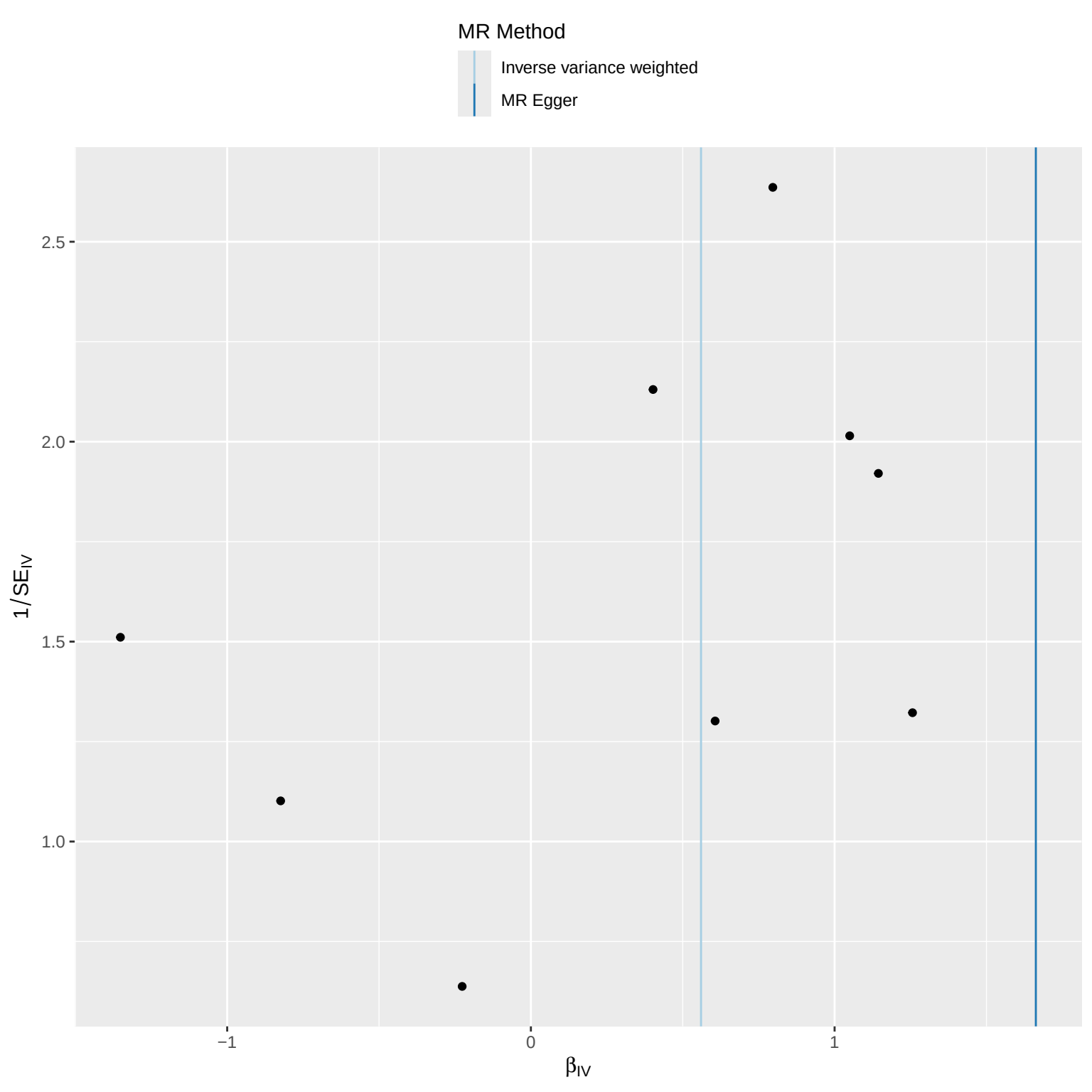

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

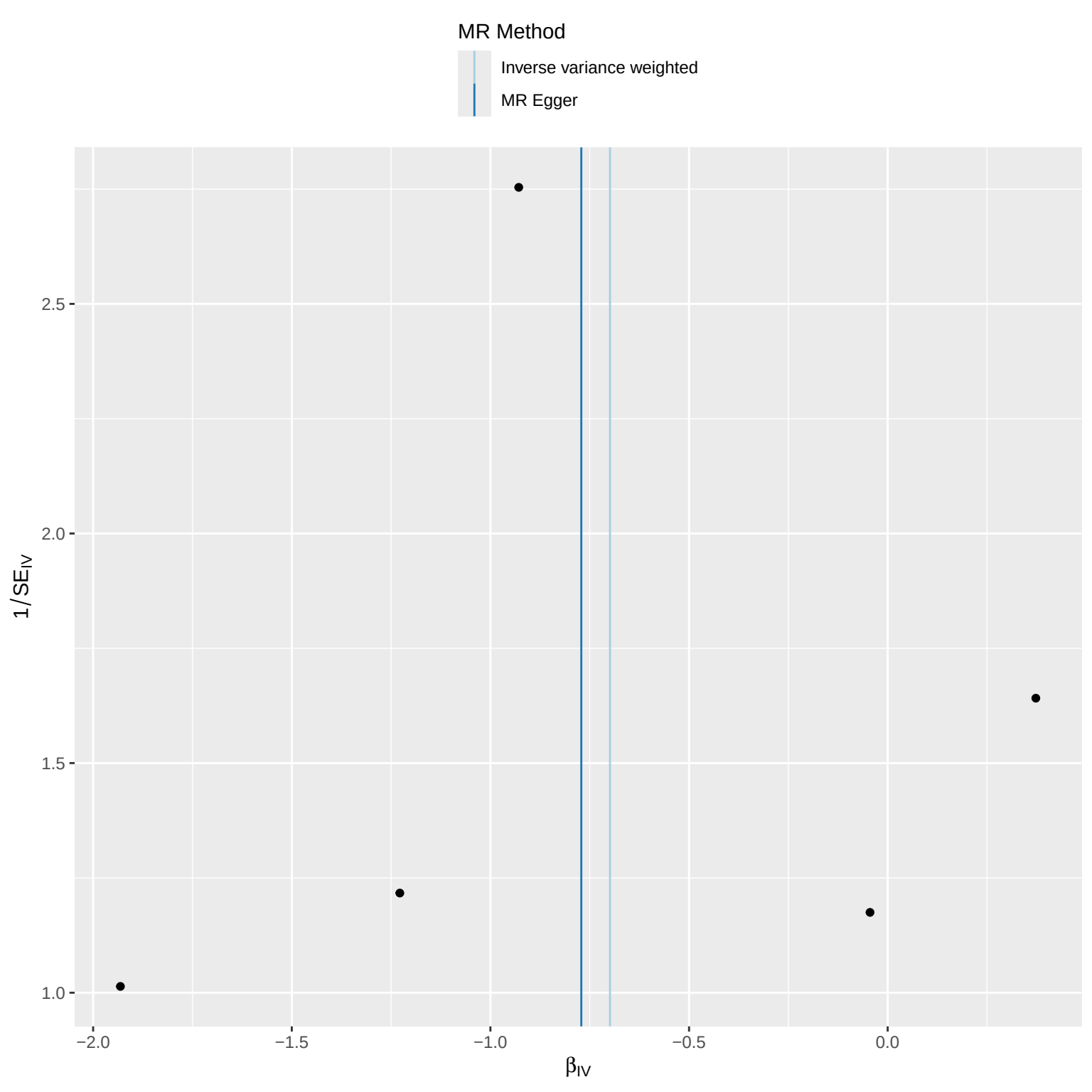

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

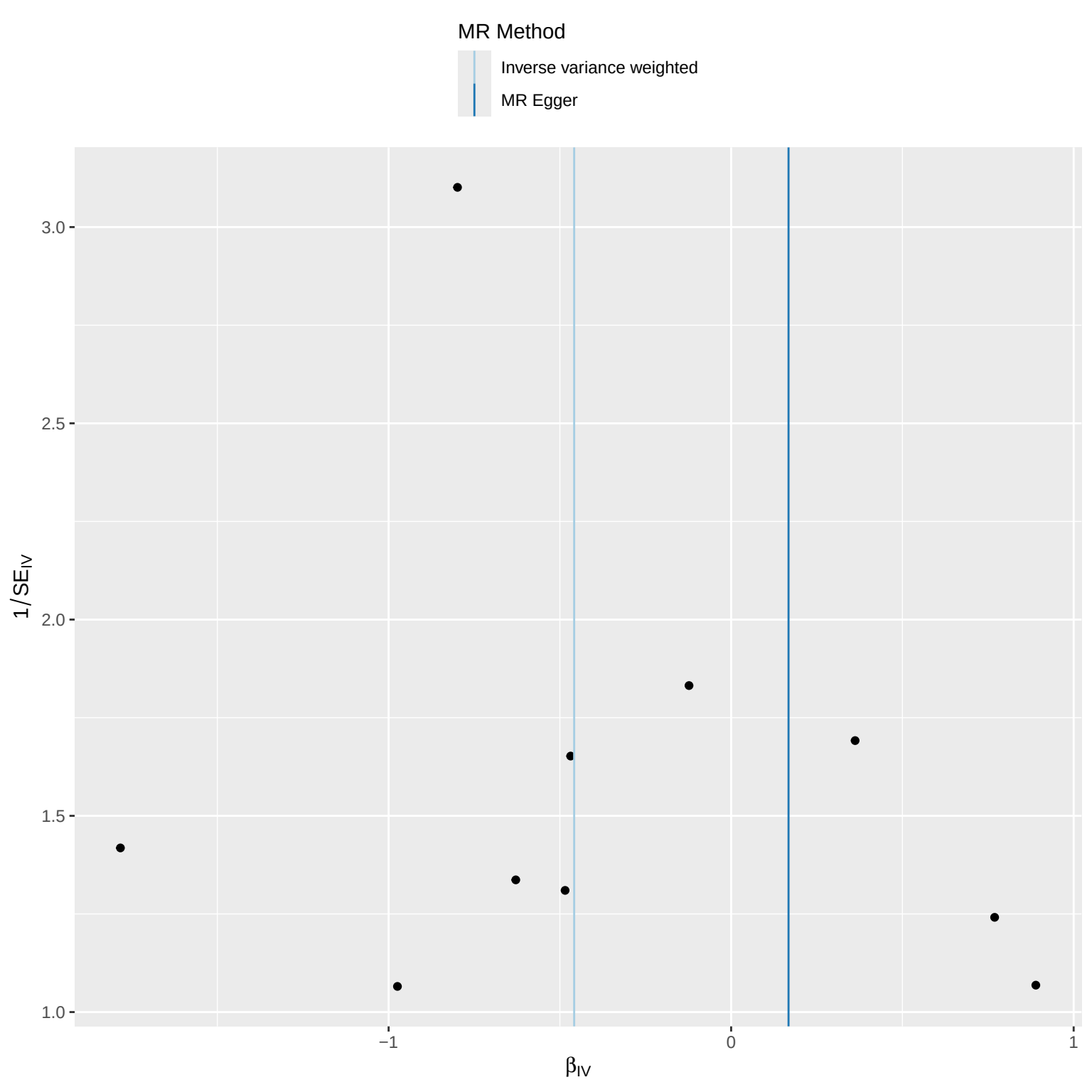

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

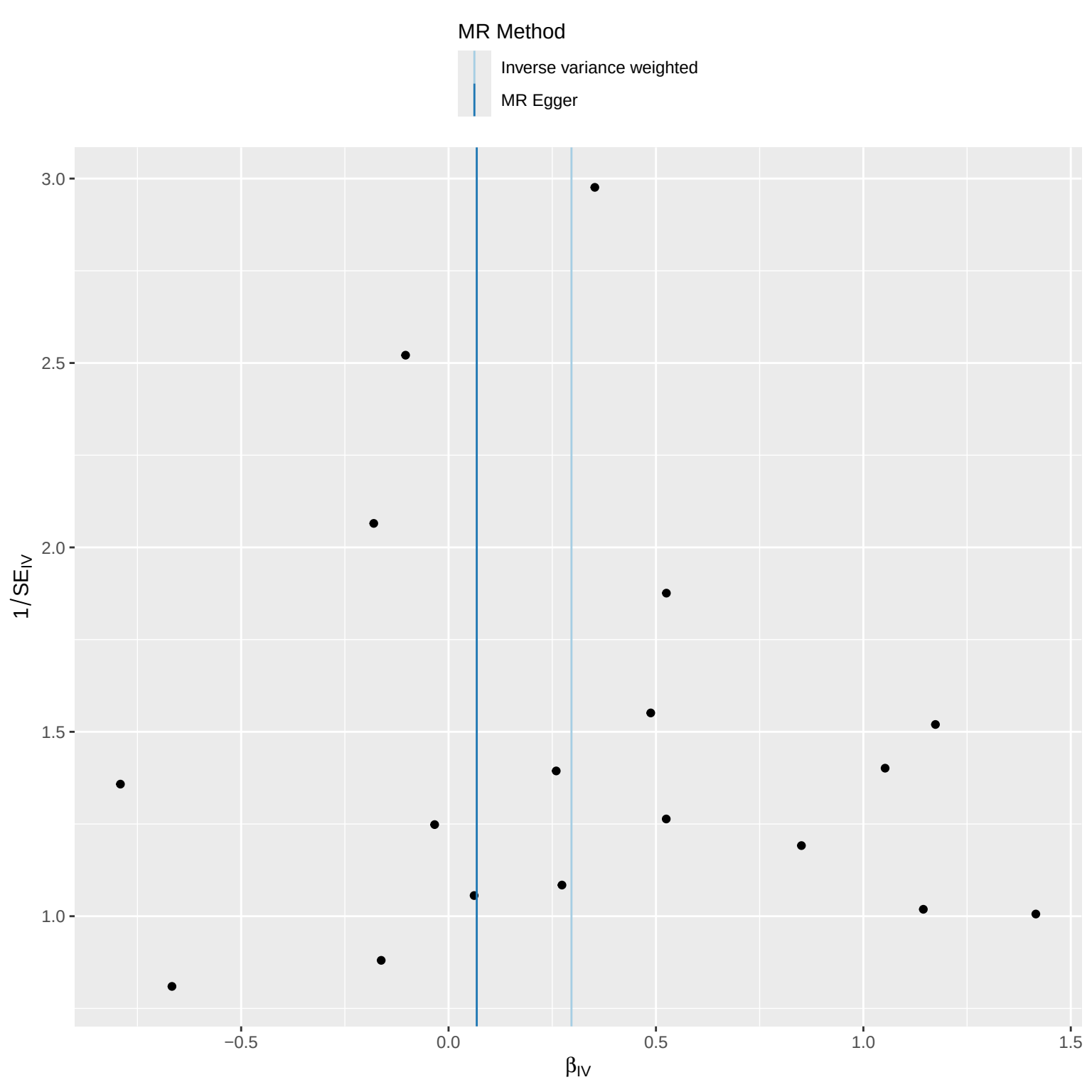

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

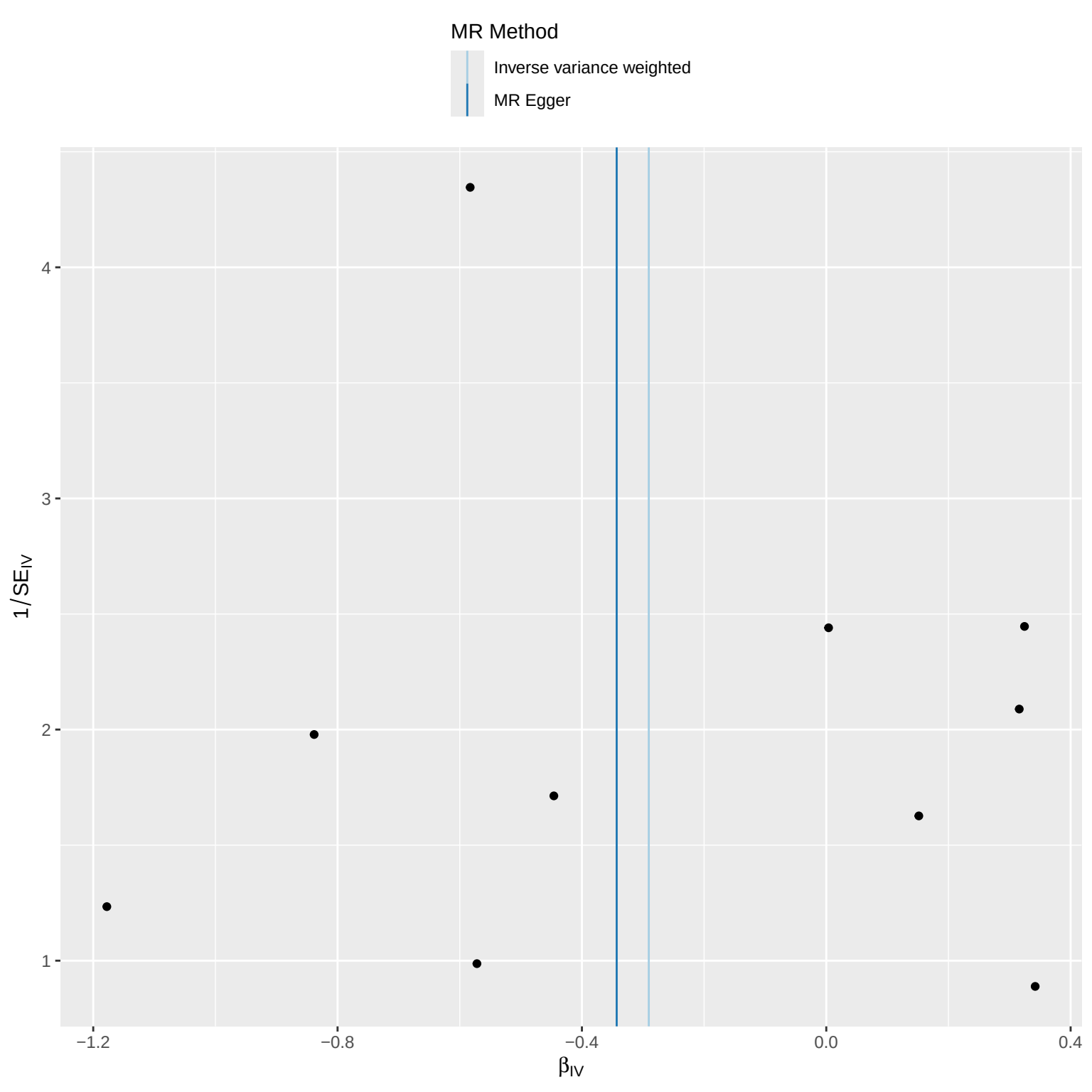

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

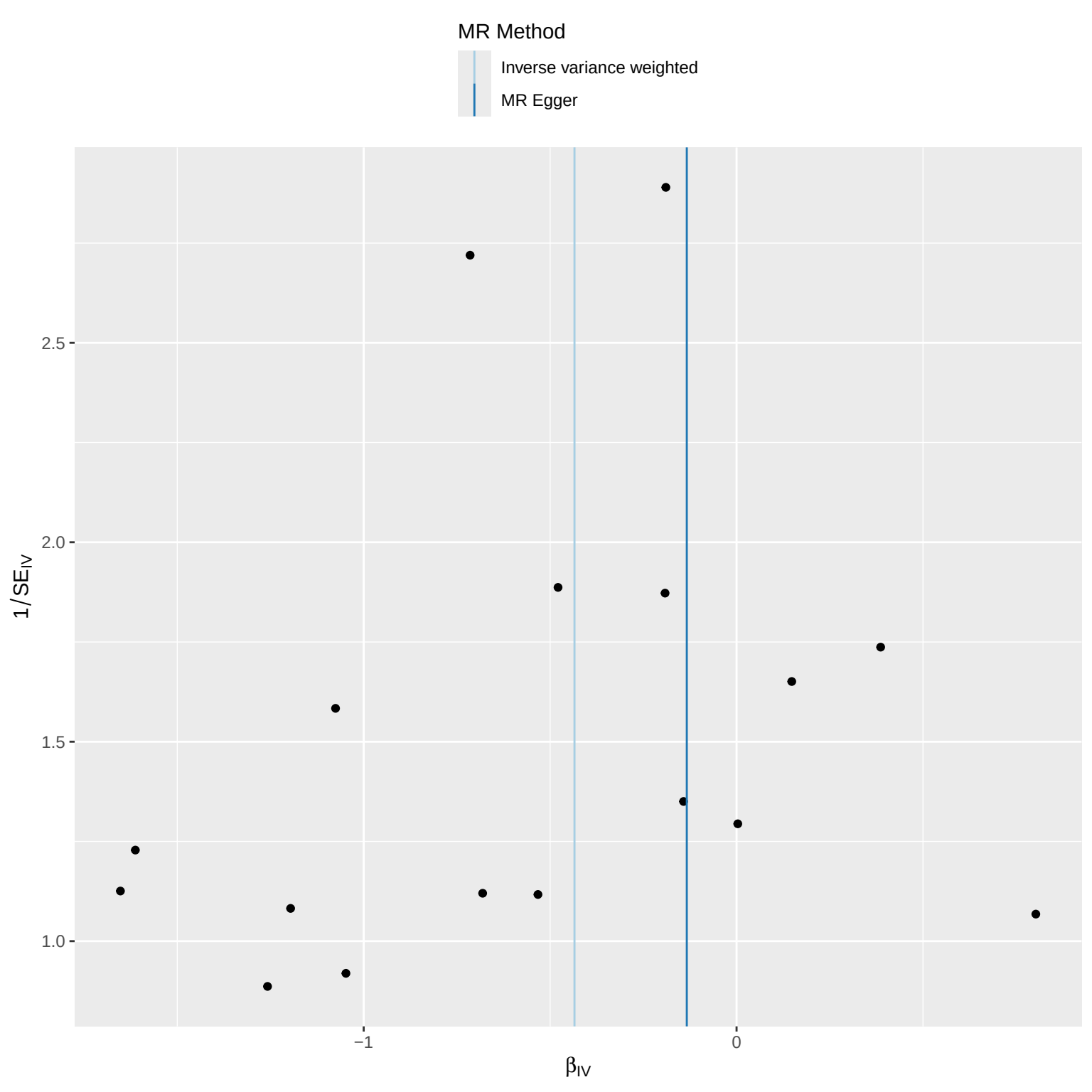

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

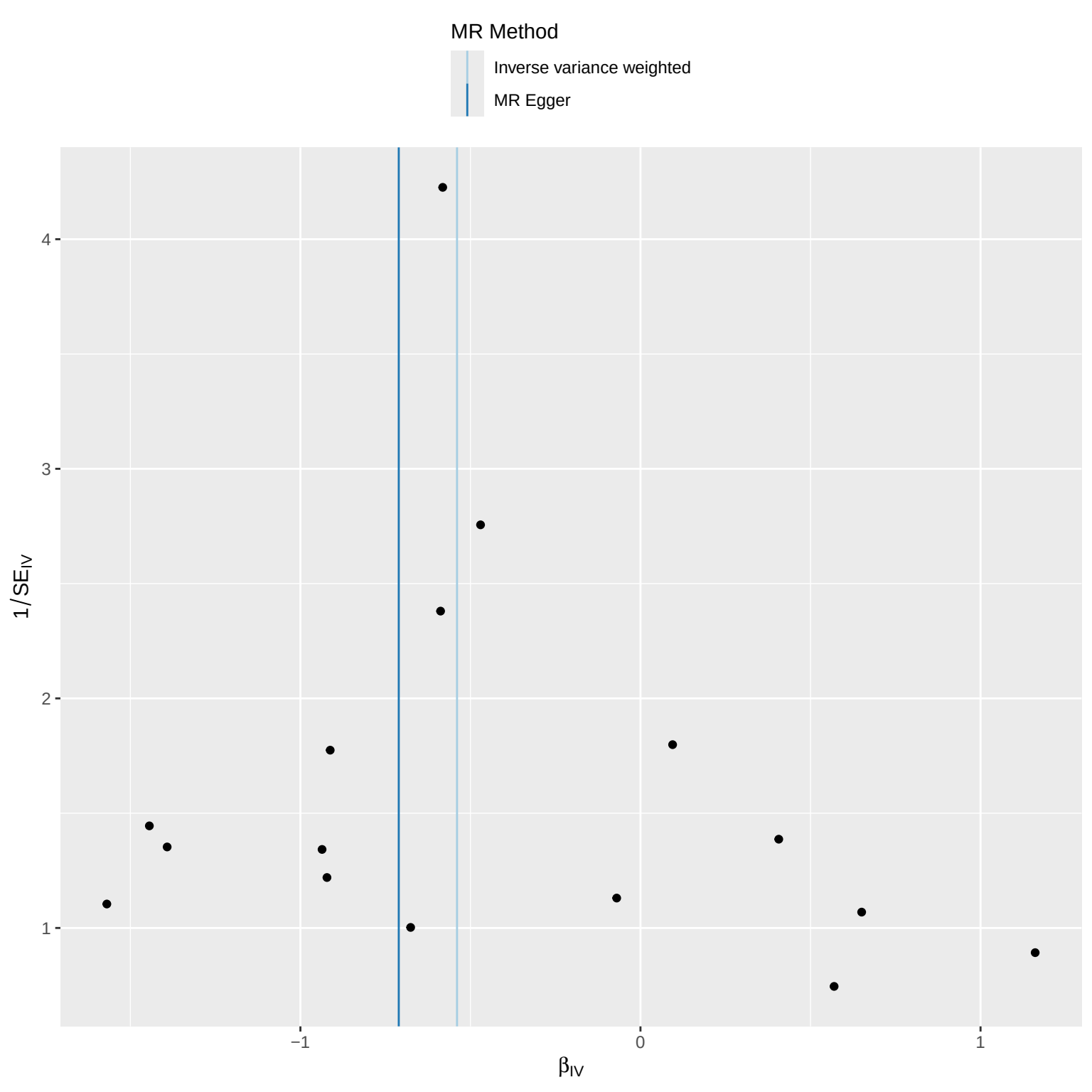

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

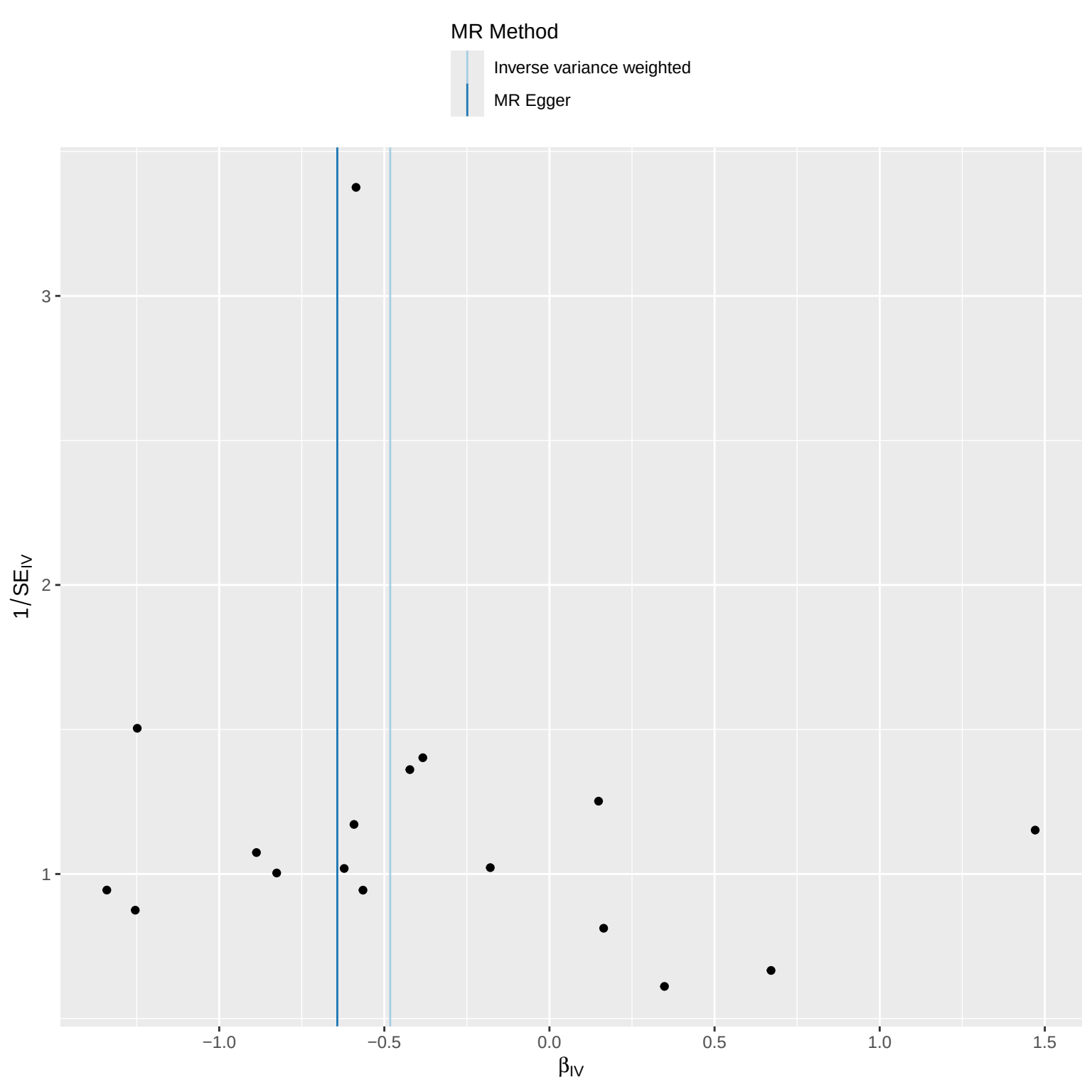

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

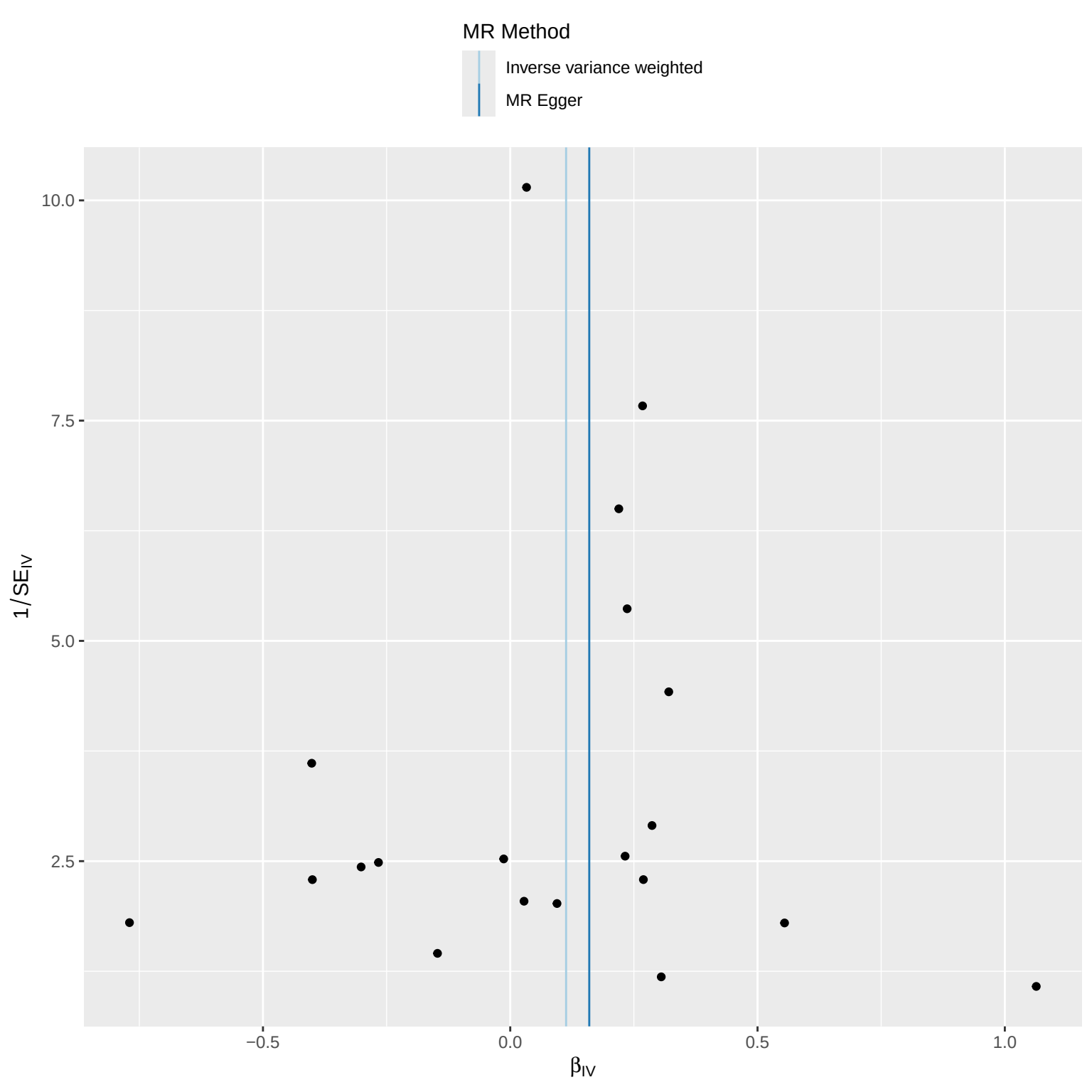

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

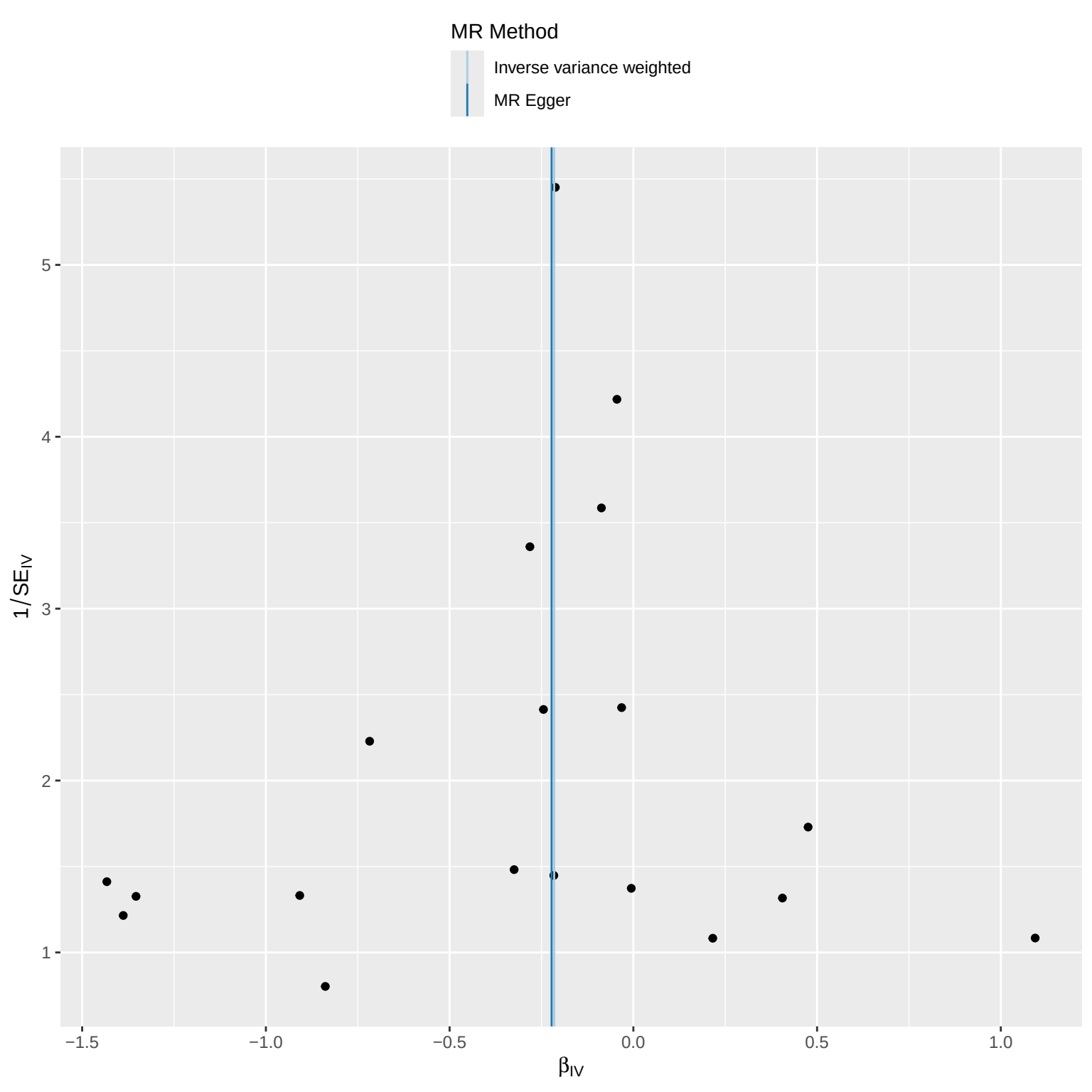

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.2
−0.8
−0.4
0.0
0.4
β_IV

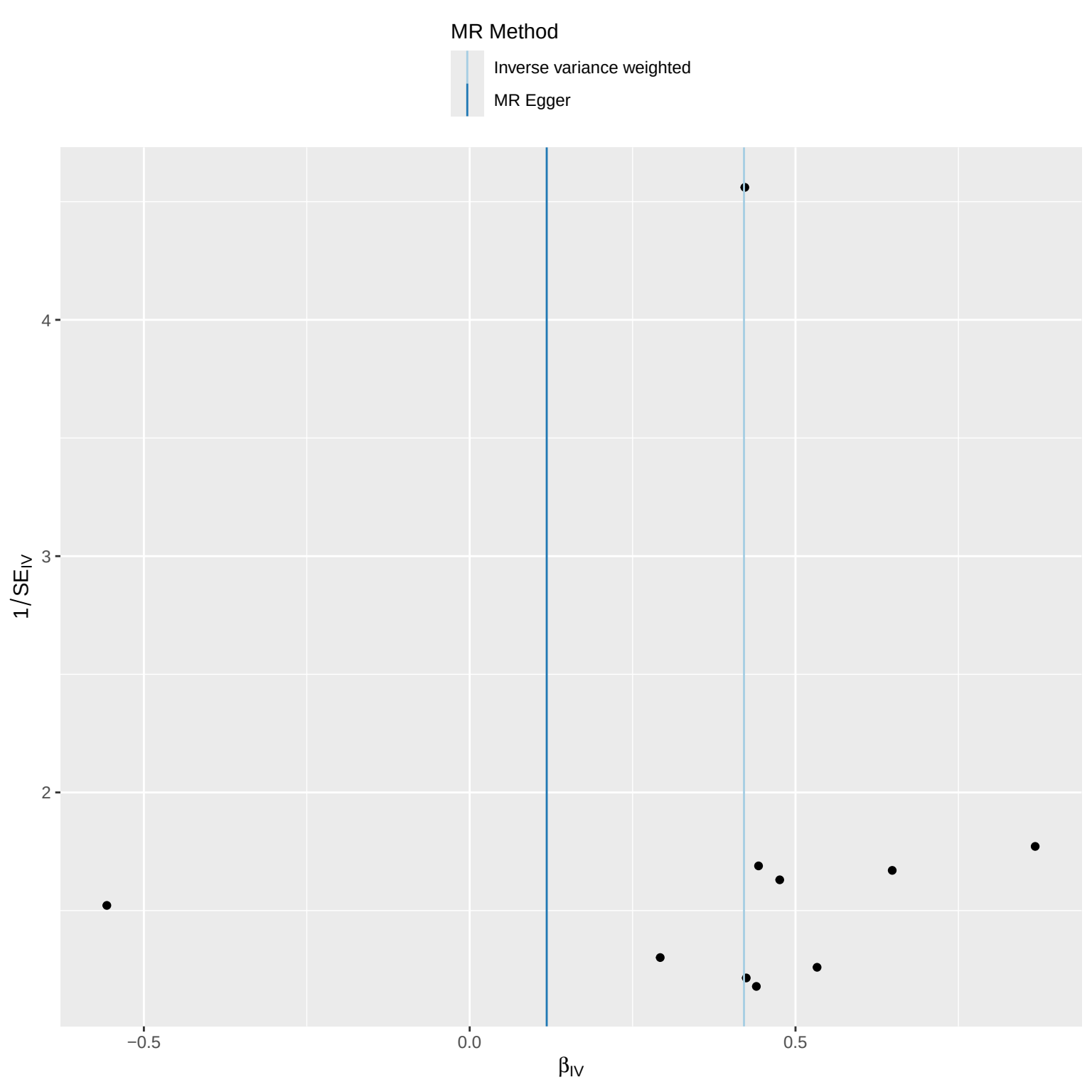

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
β_IV

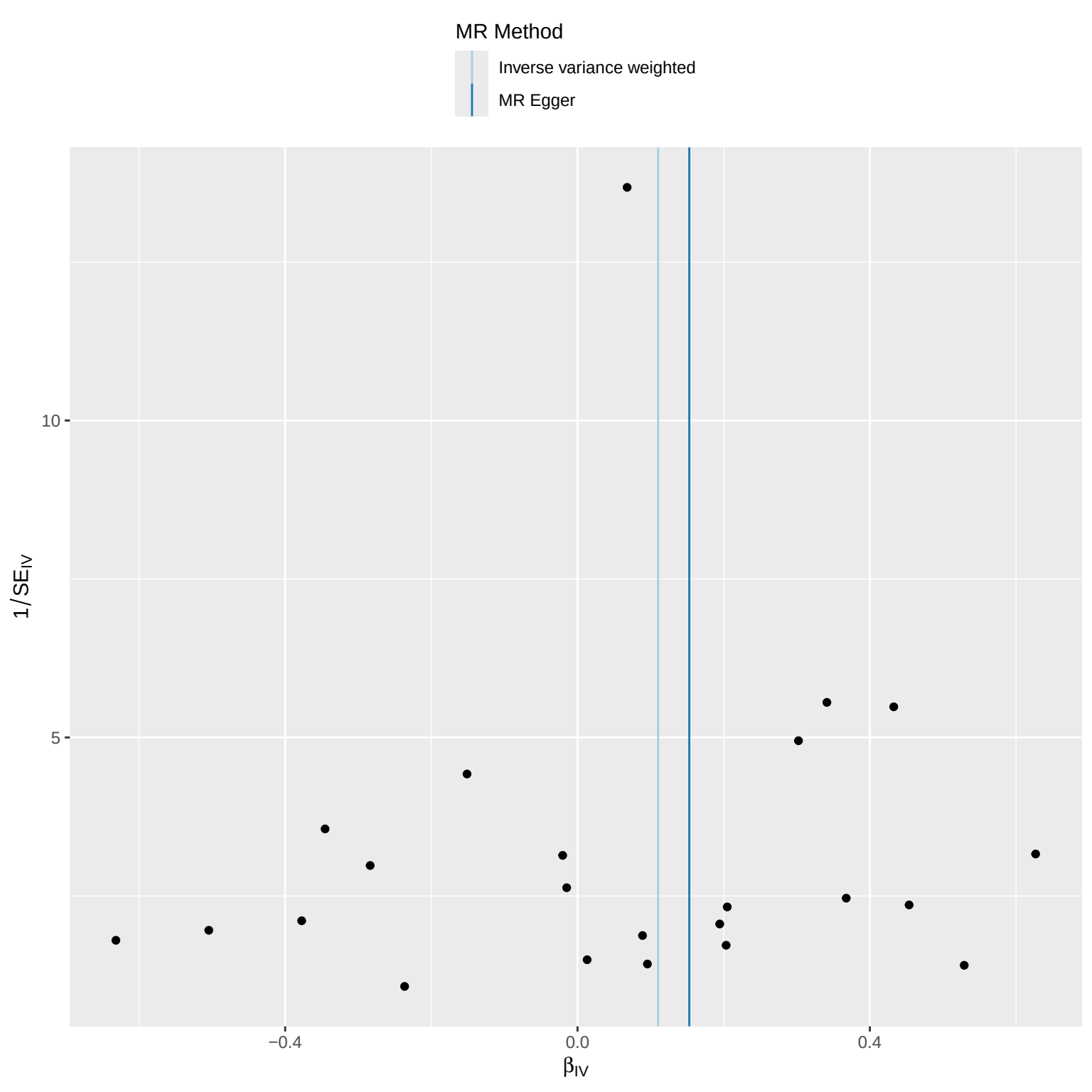

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

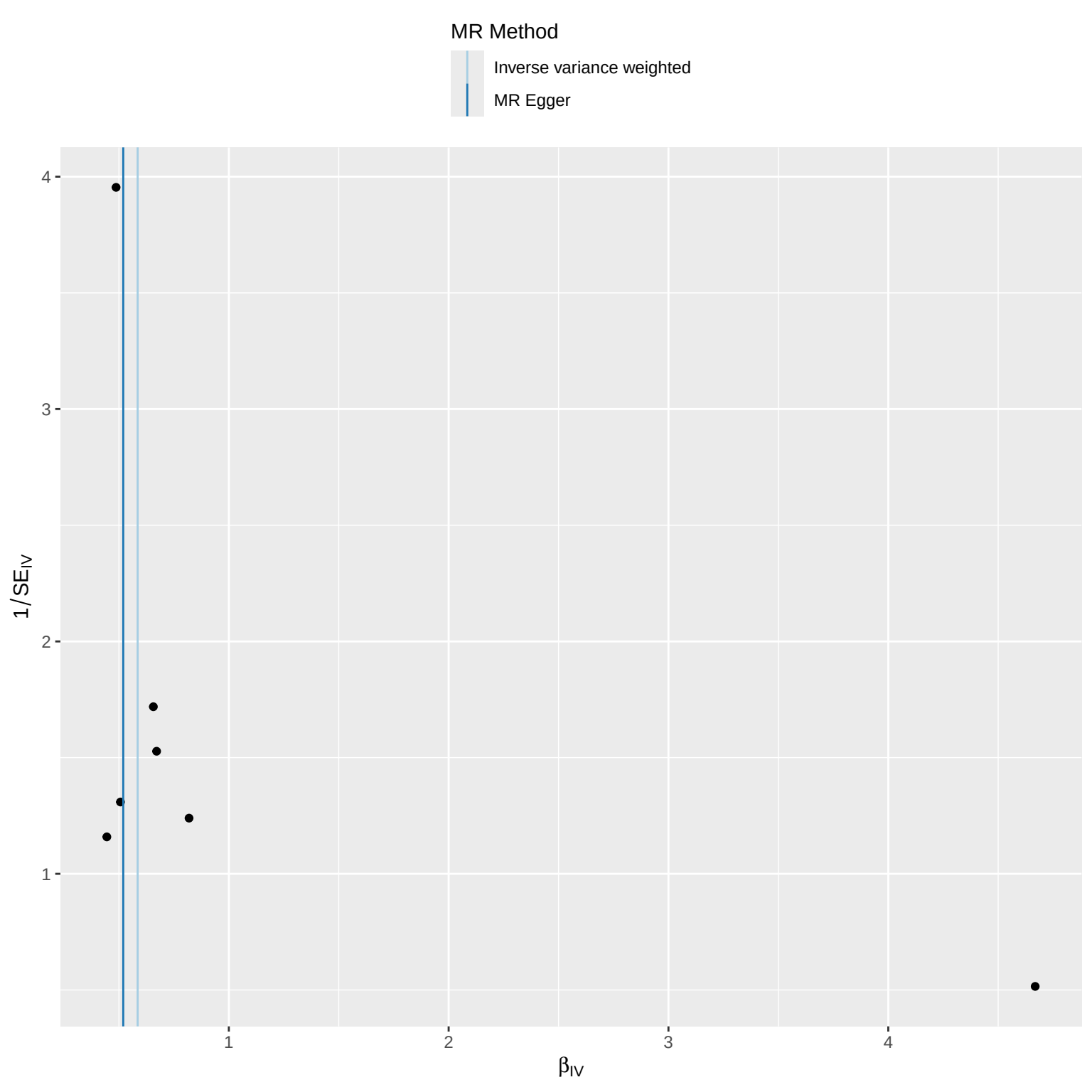

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

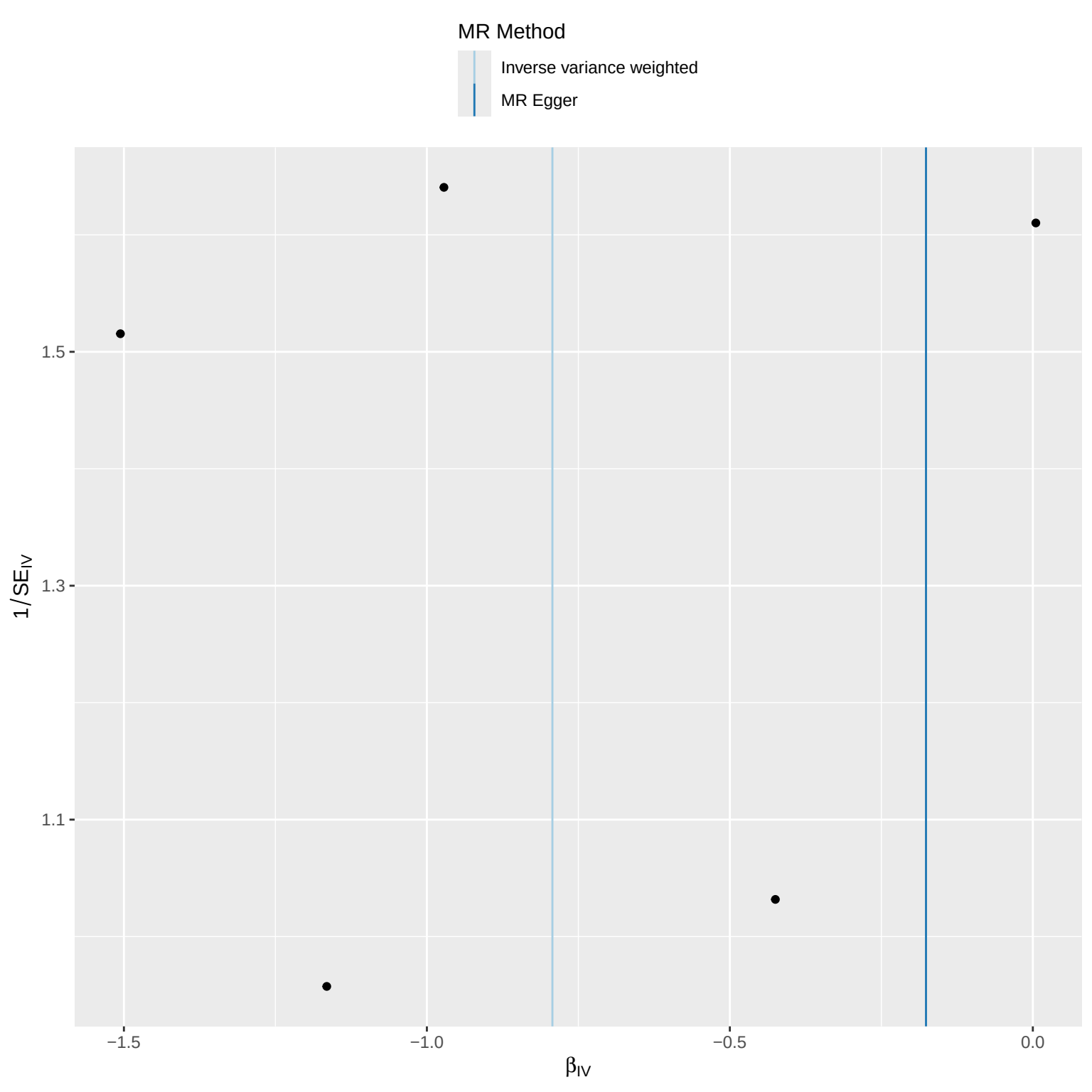

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

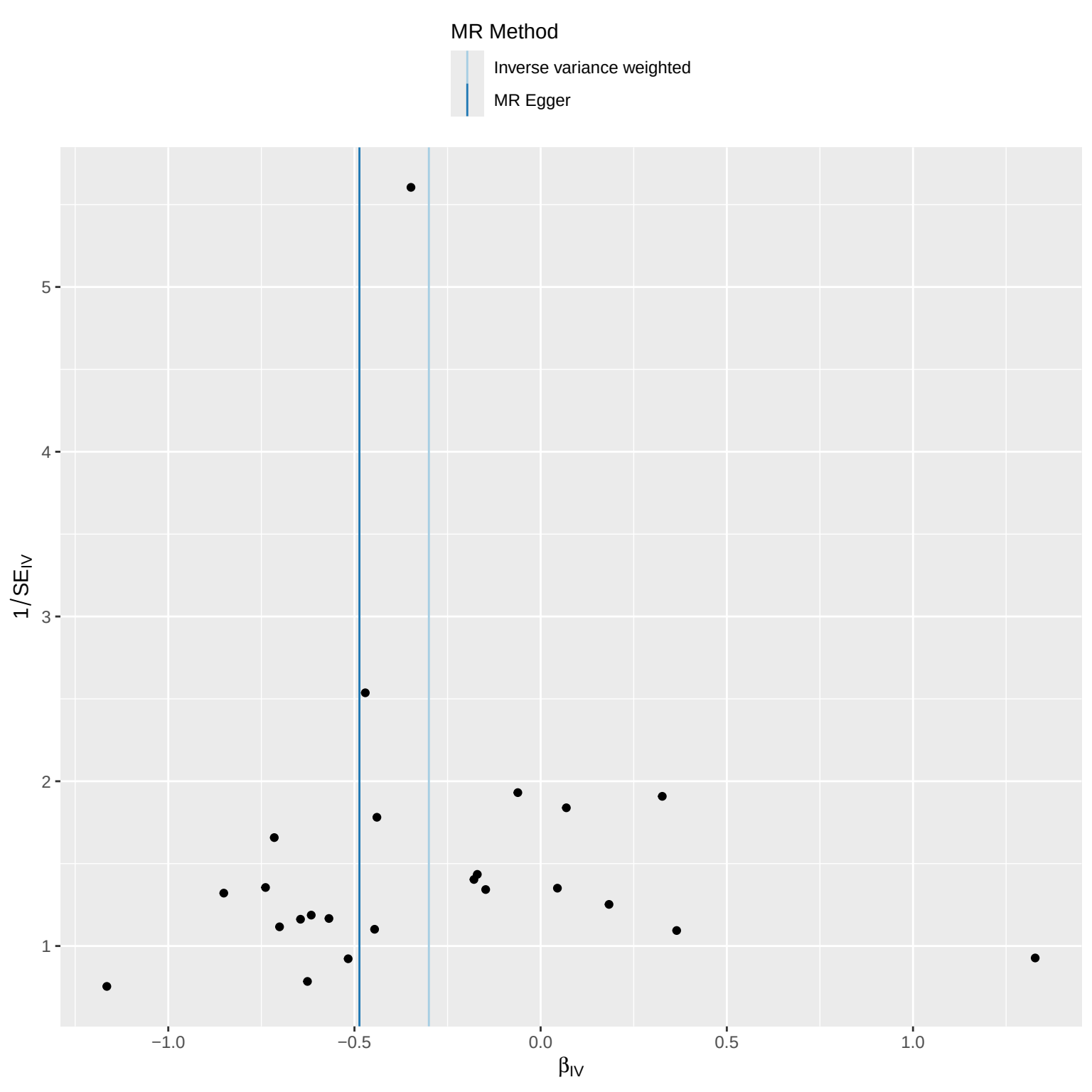

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
1.0

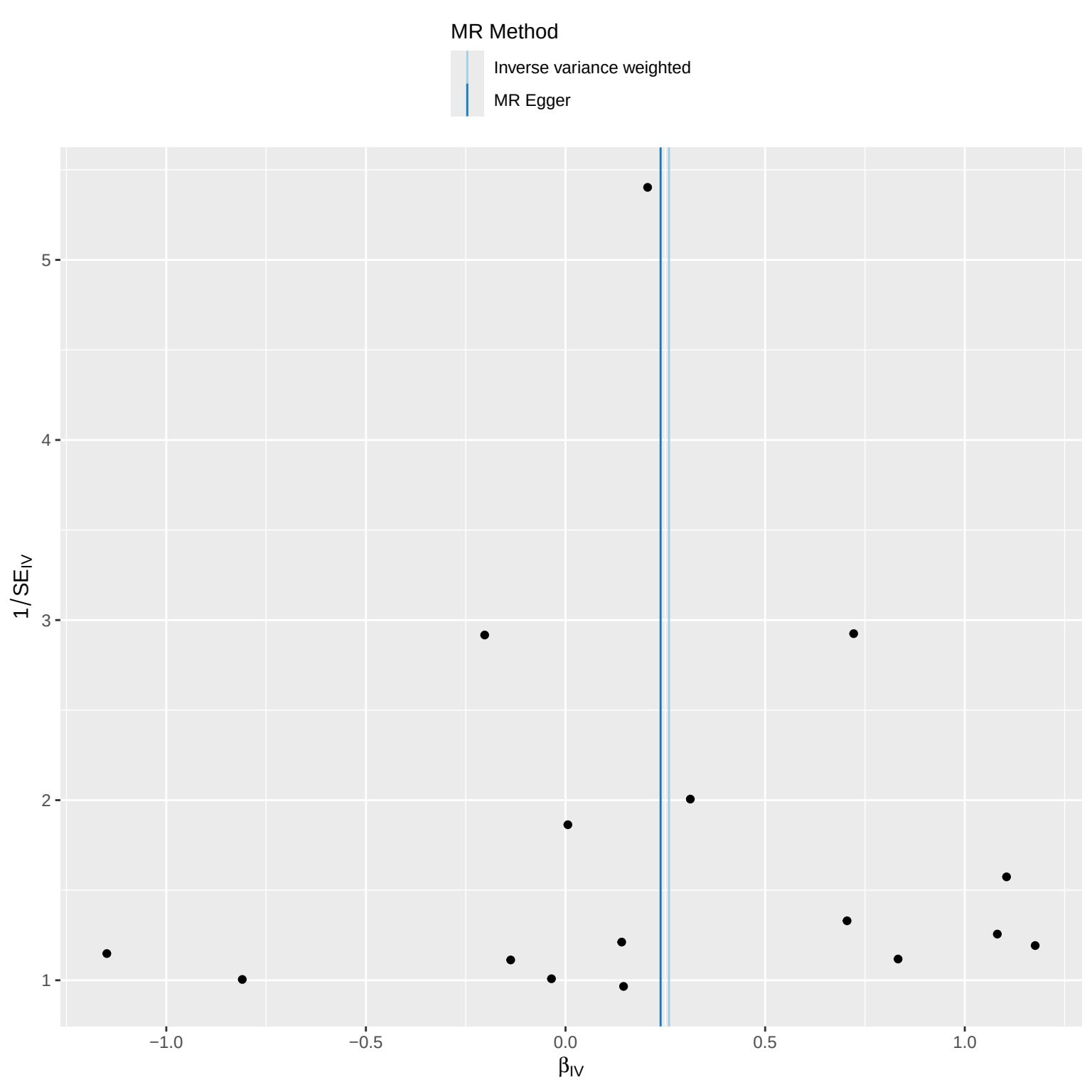

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.5
0.0
0.5
β_IV

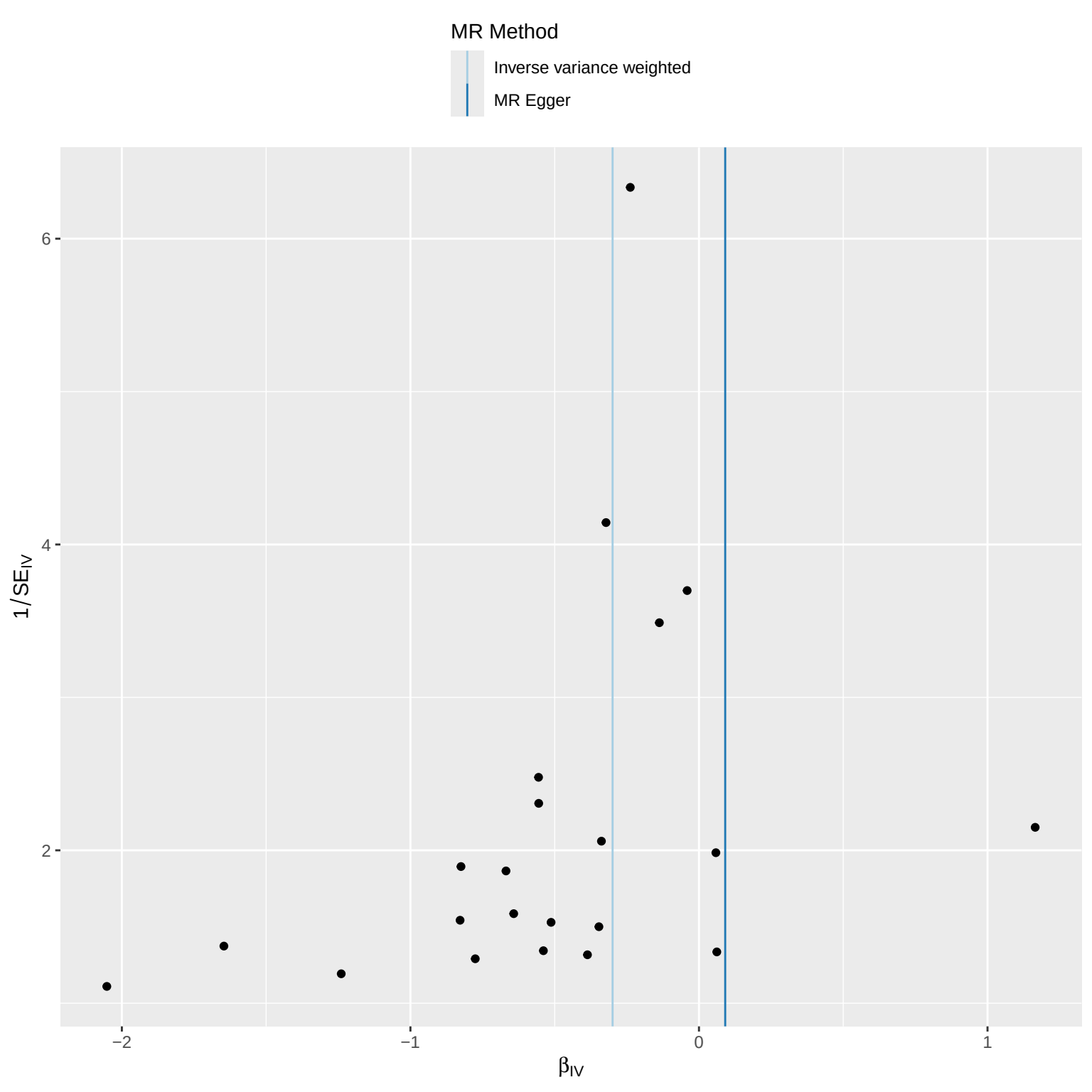

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.4
0.0
0.4
β_IV

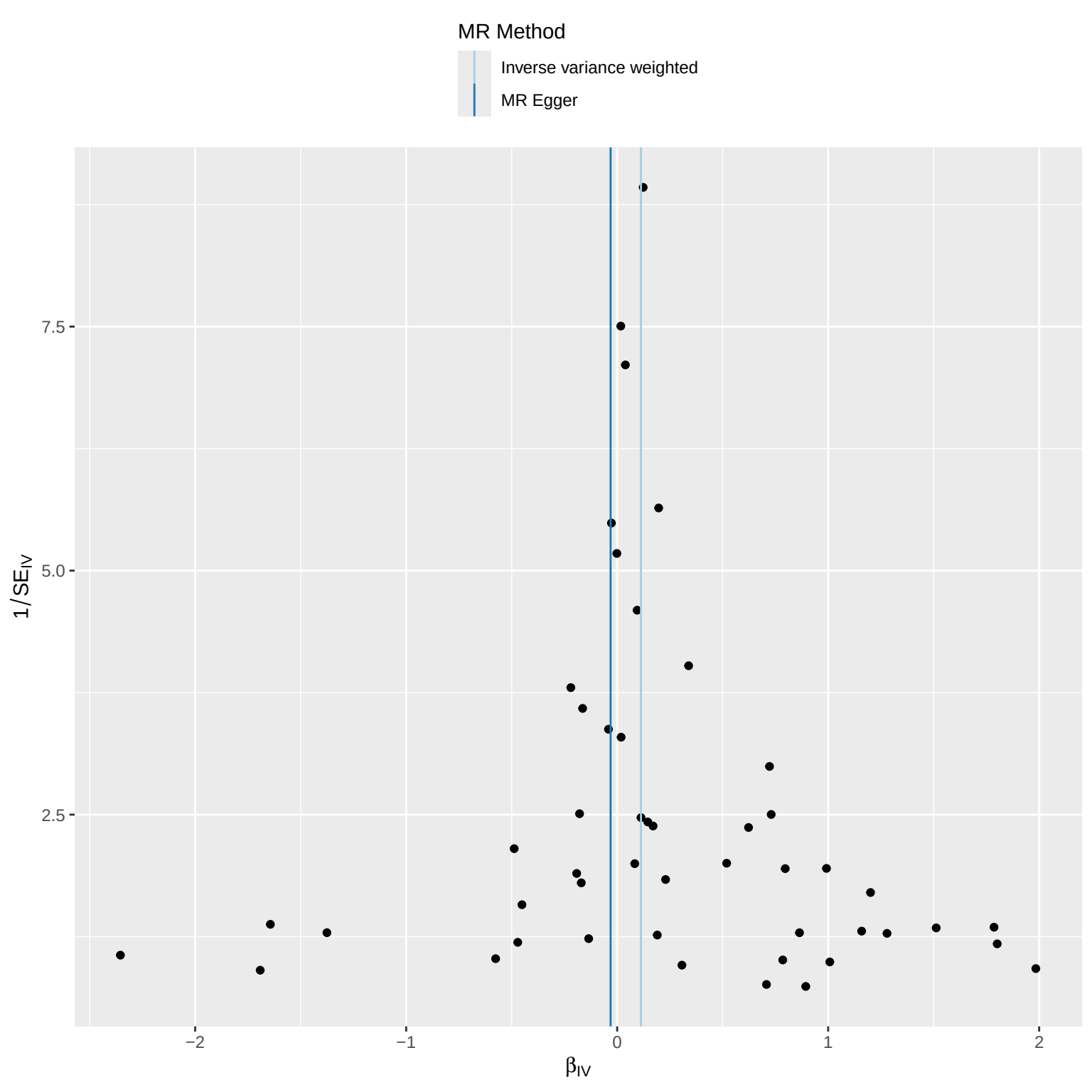

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
1
2
3
4
β_IV

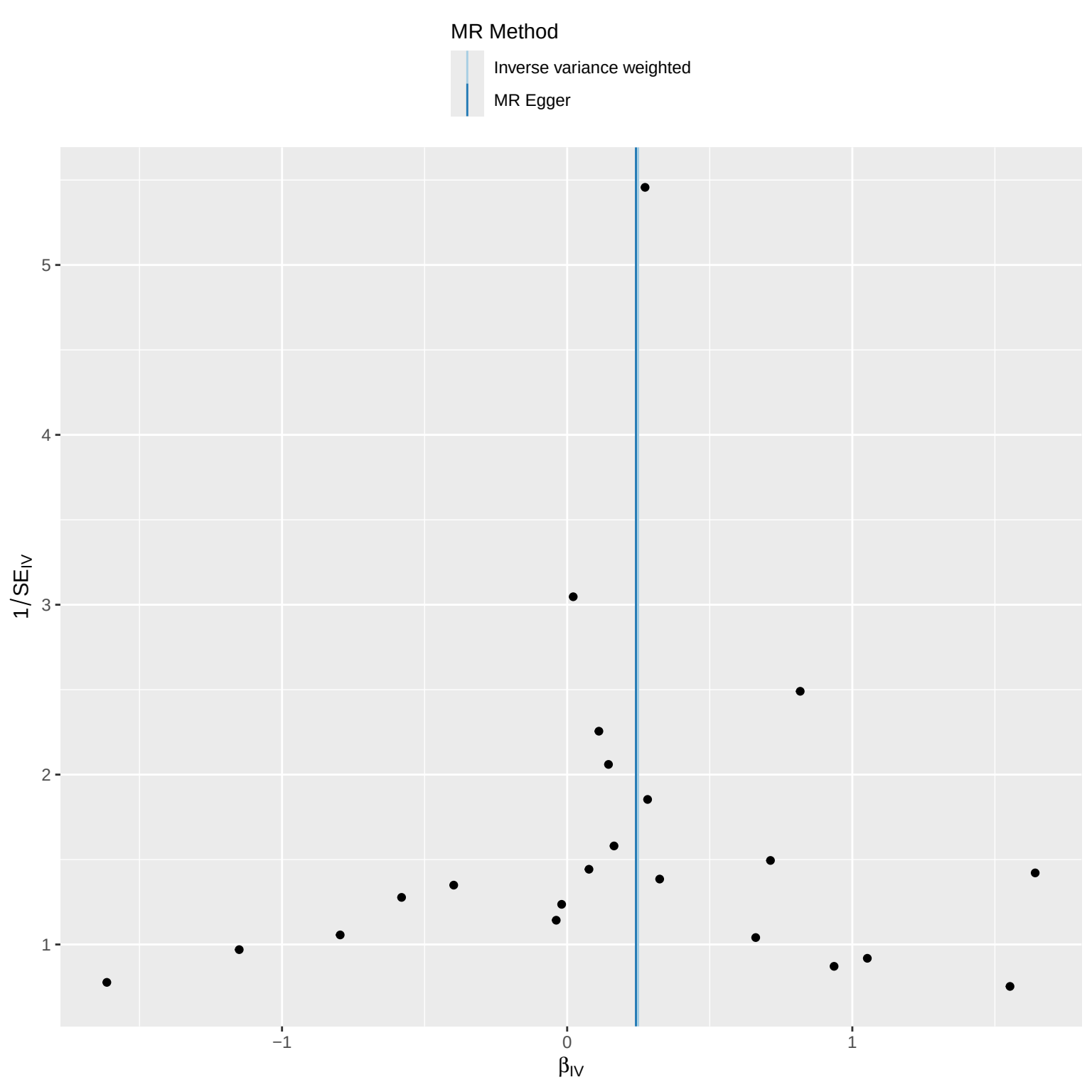

MR Method
Inverse variance weighted
MR Egger
1.5
1.3
1.1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

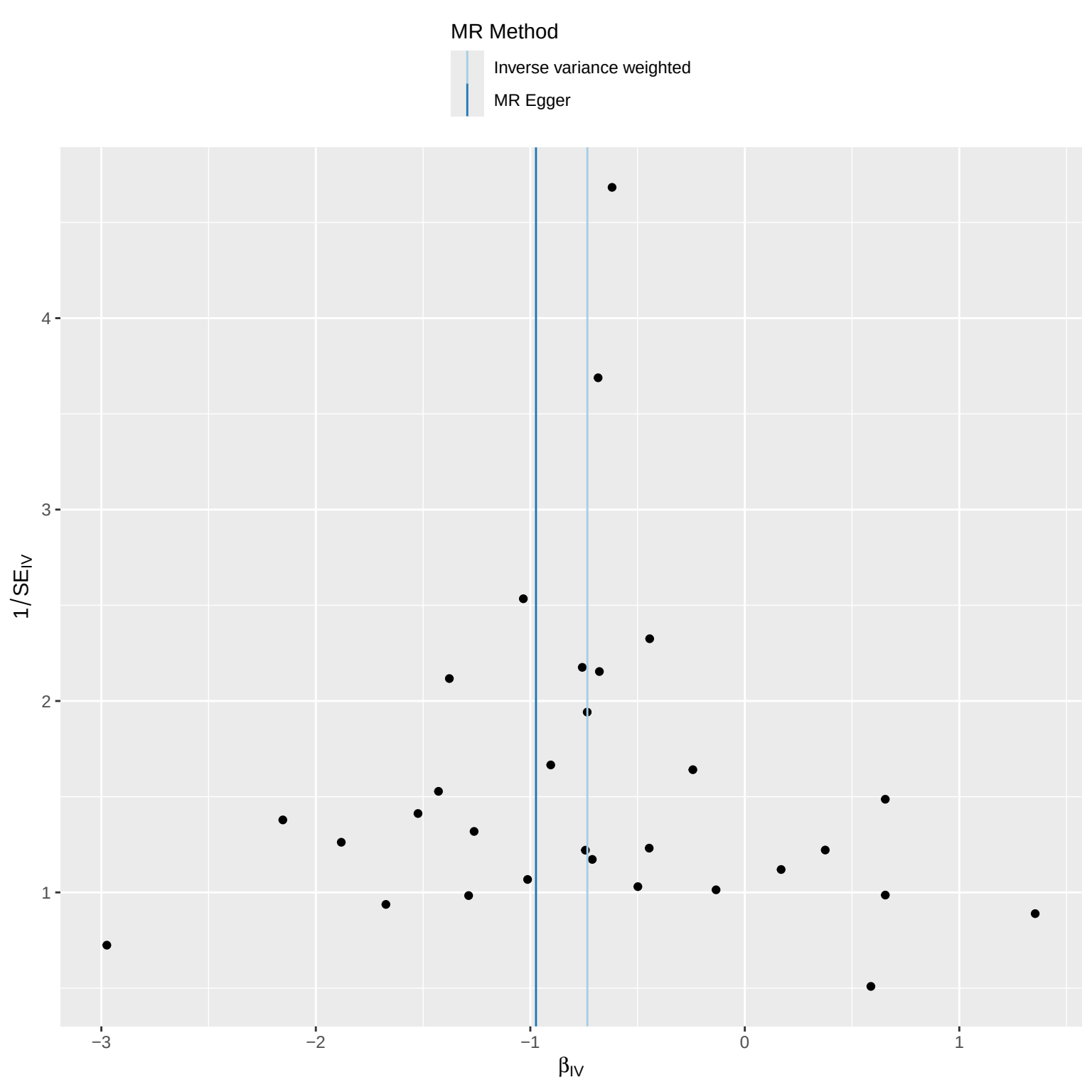

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1.0
−0.5
0.0
0.5
1.0
β_IV

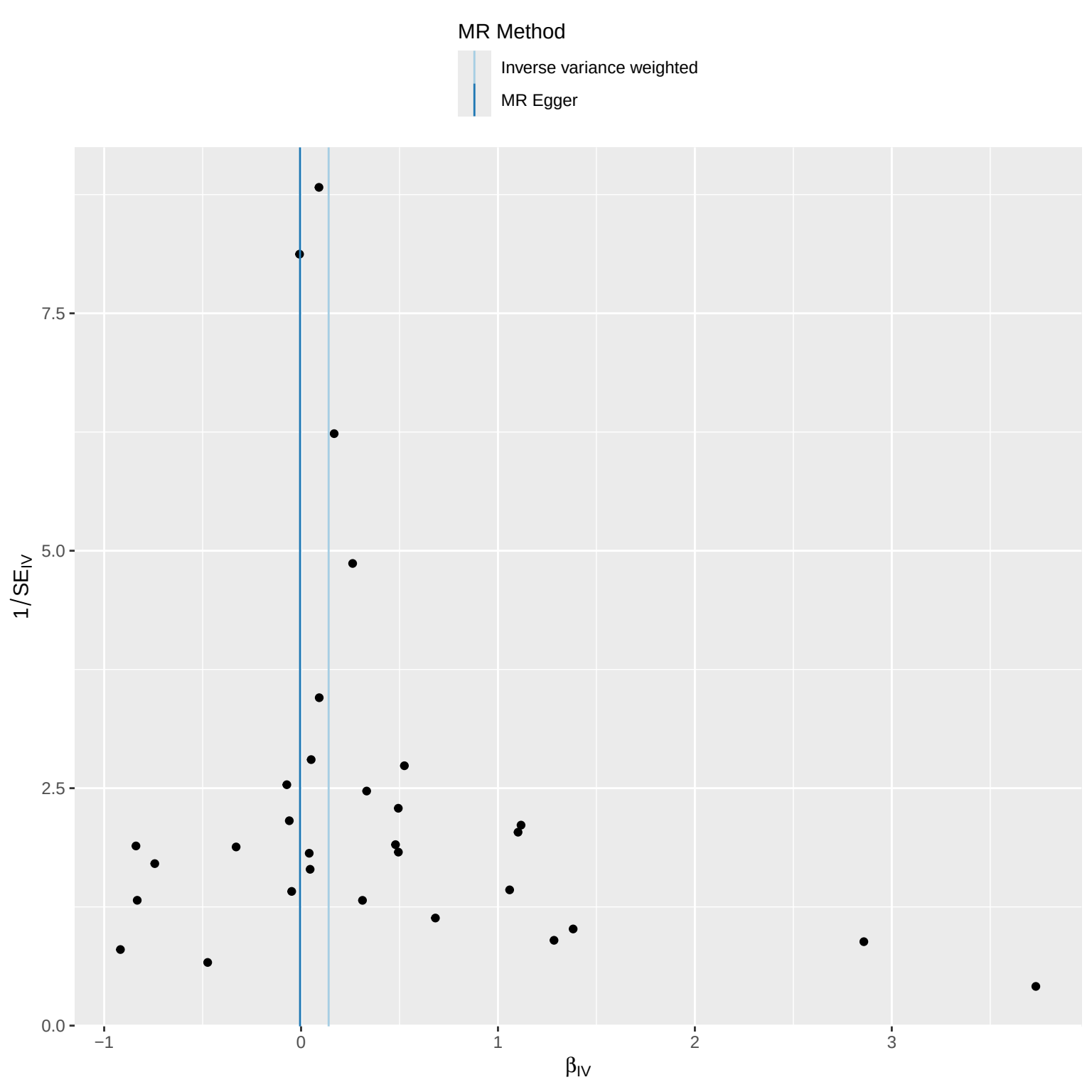

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

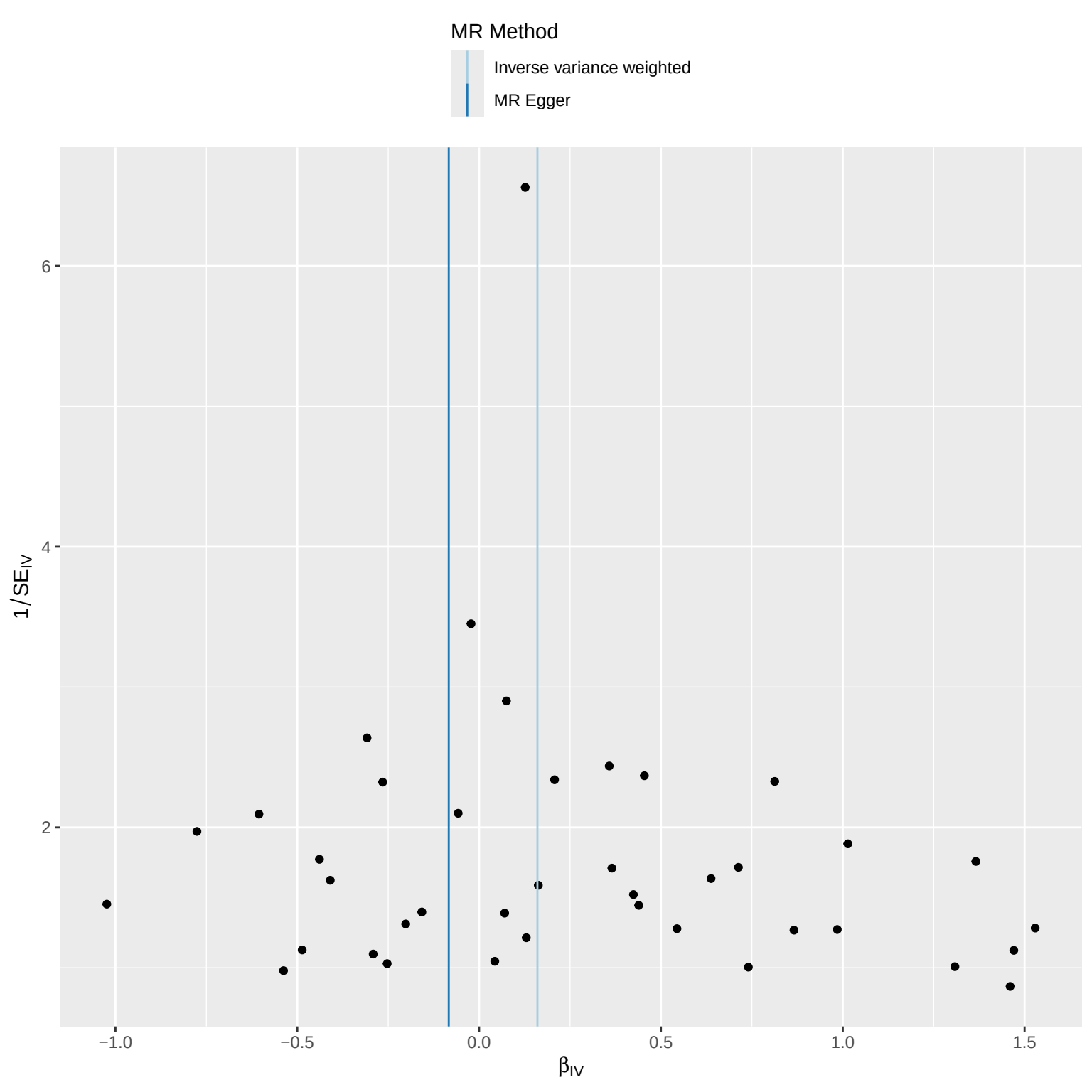

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

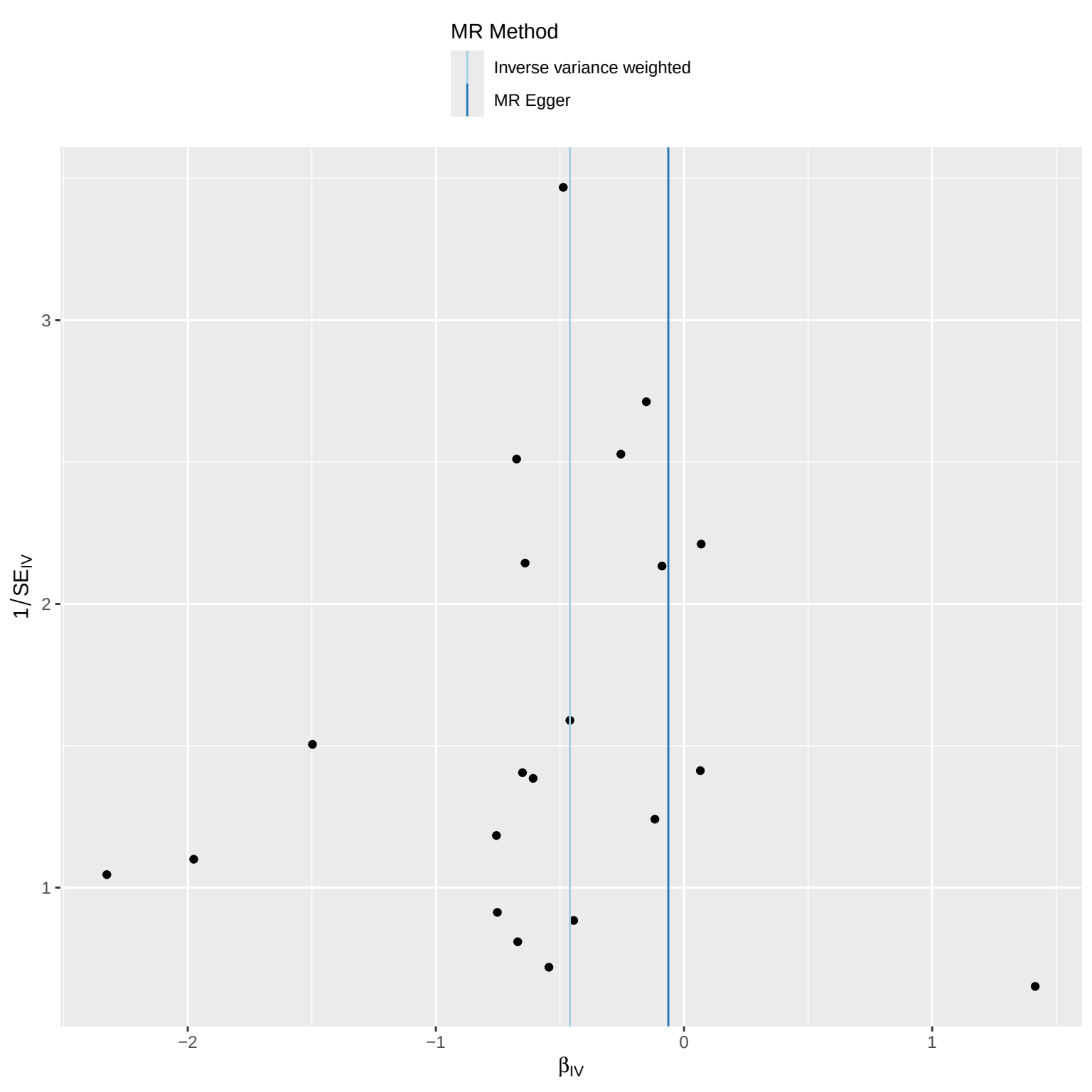

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

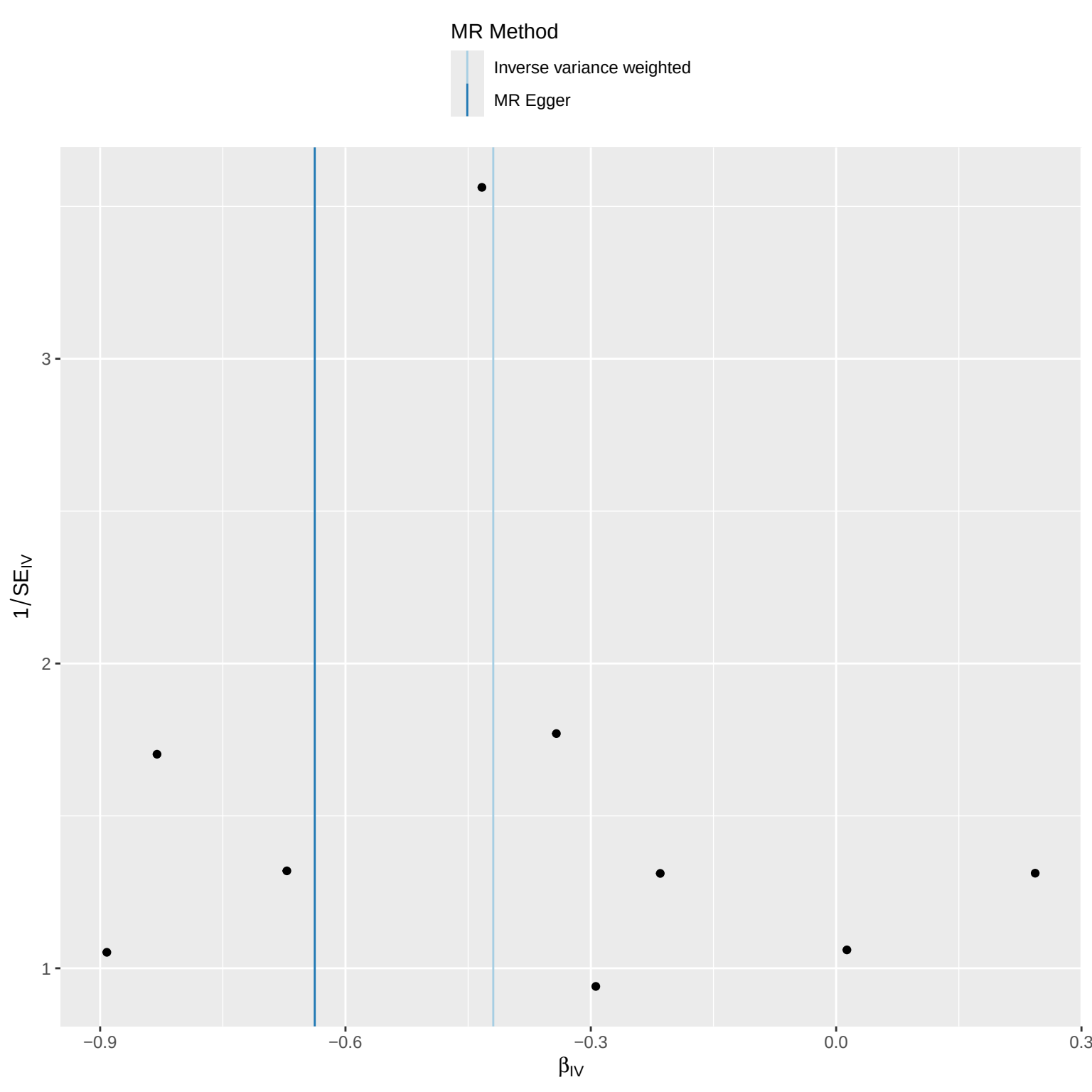

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

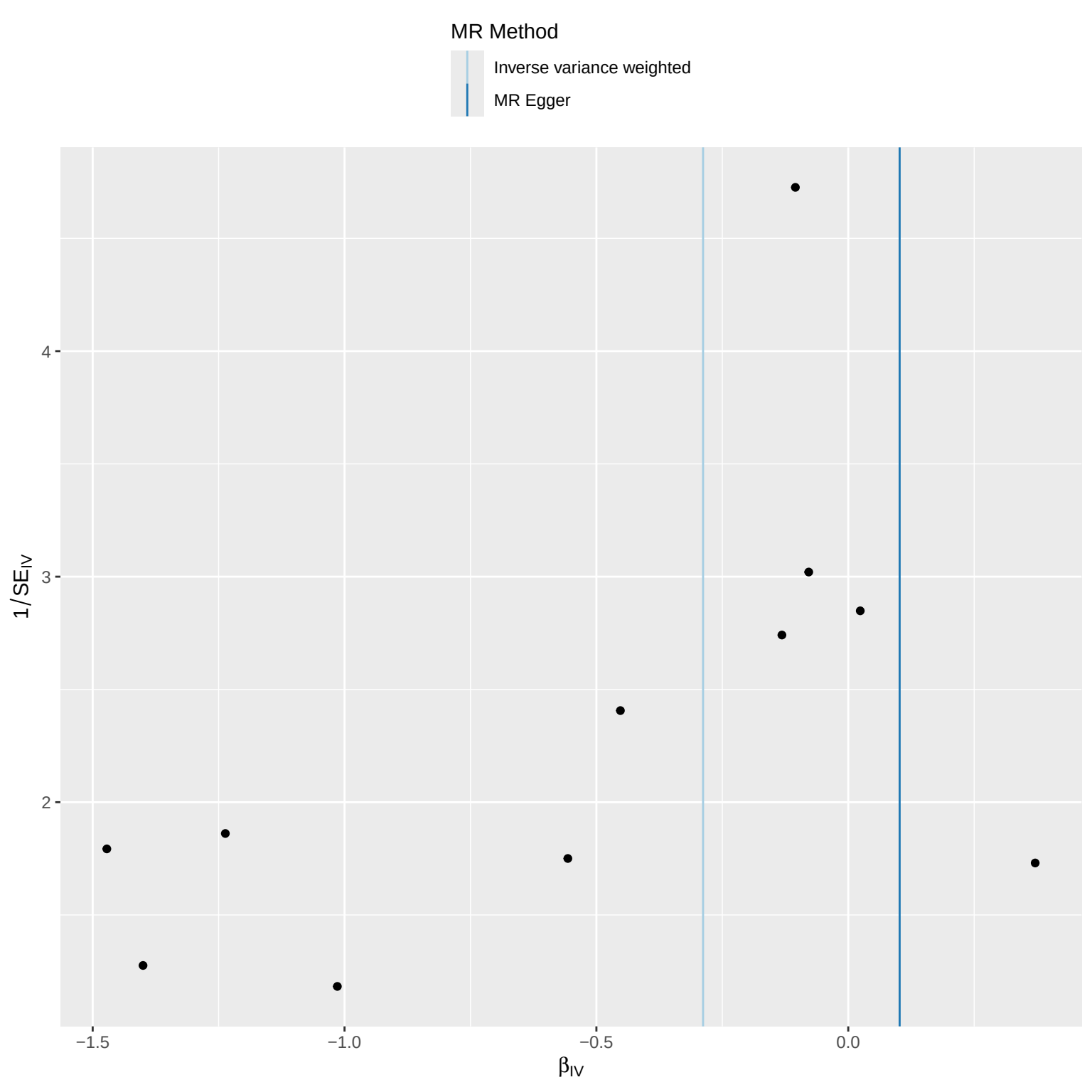

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

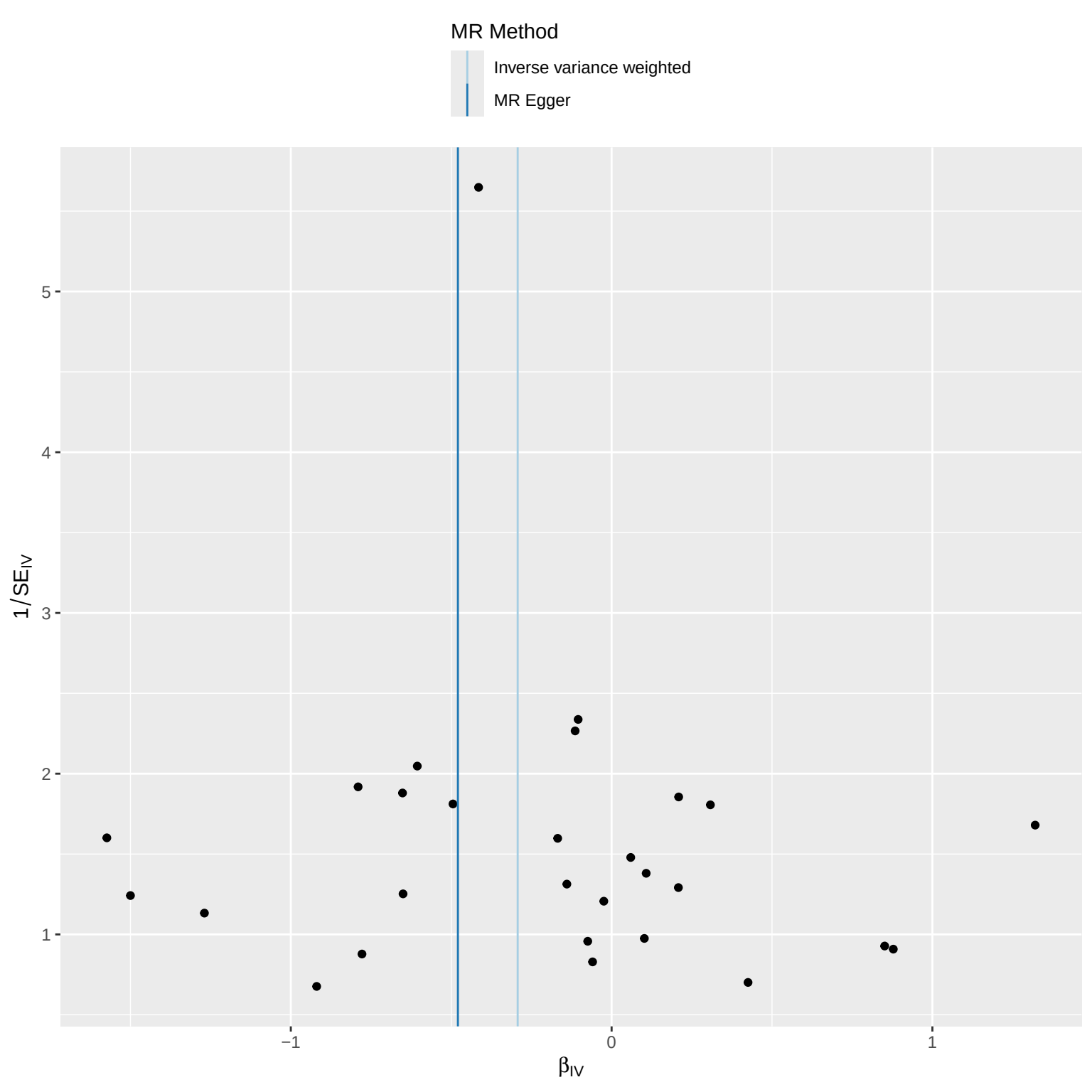

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−1
0
1
2
3
β_IV

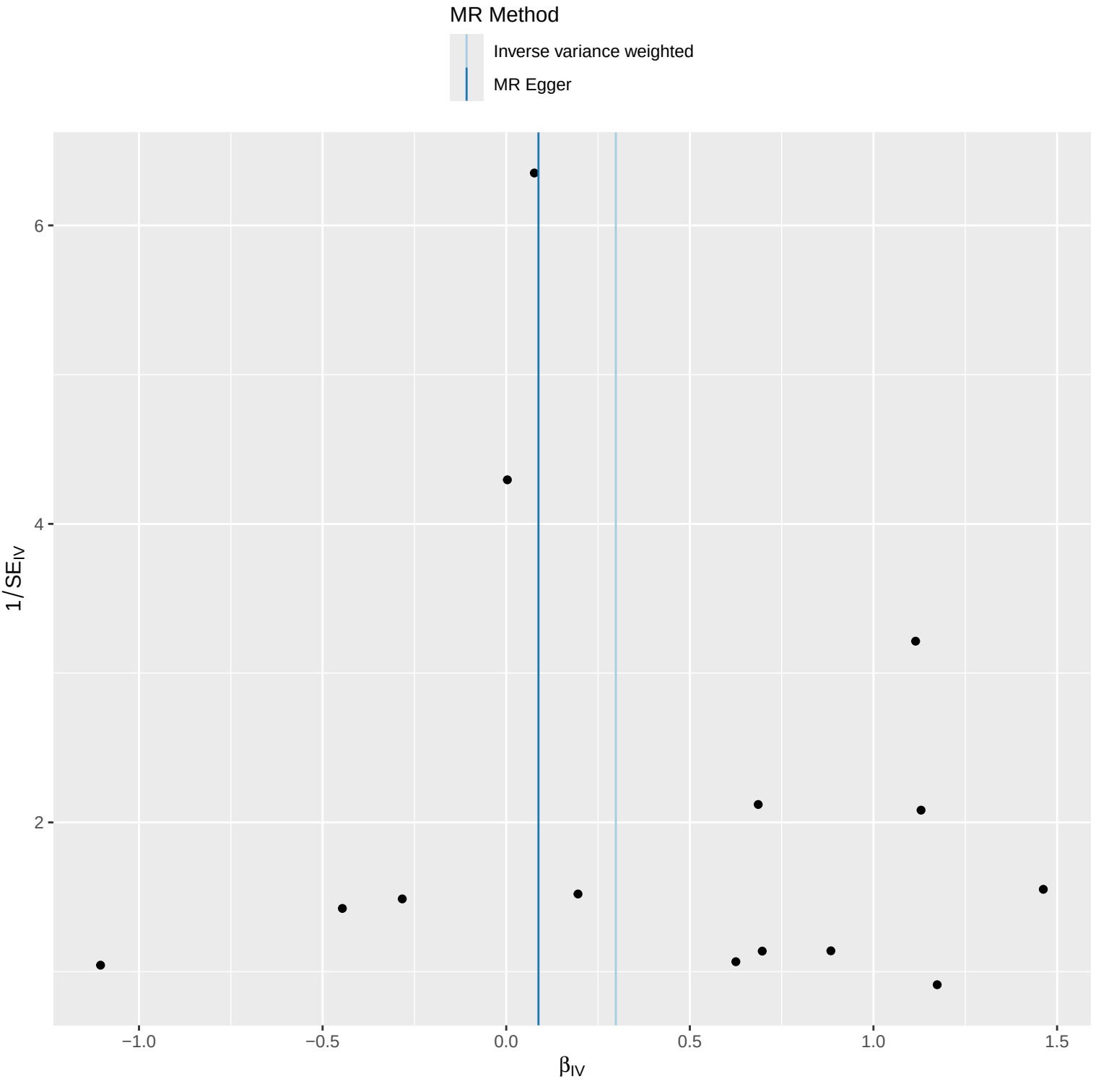

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

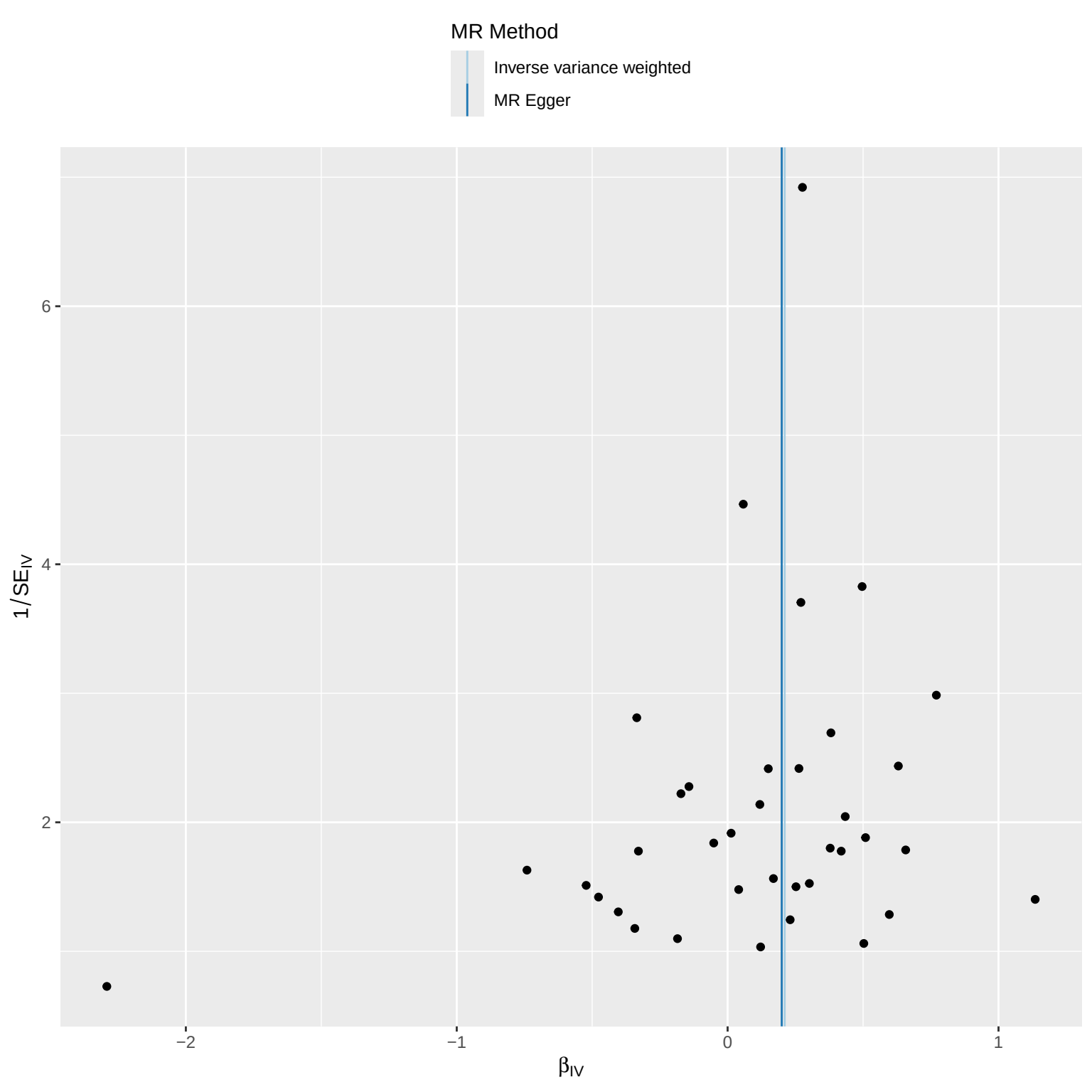

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

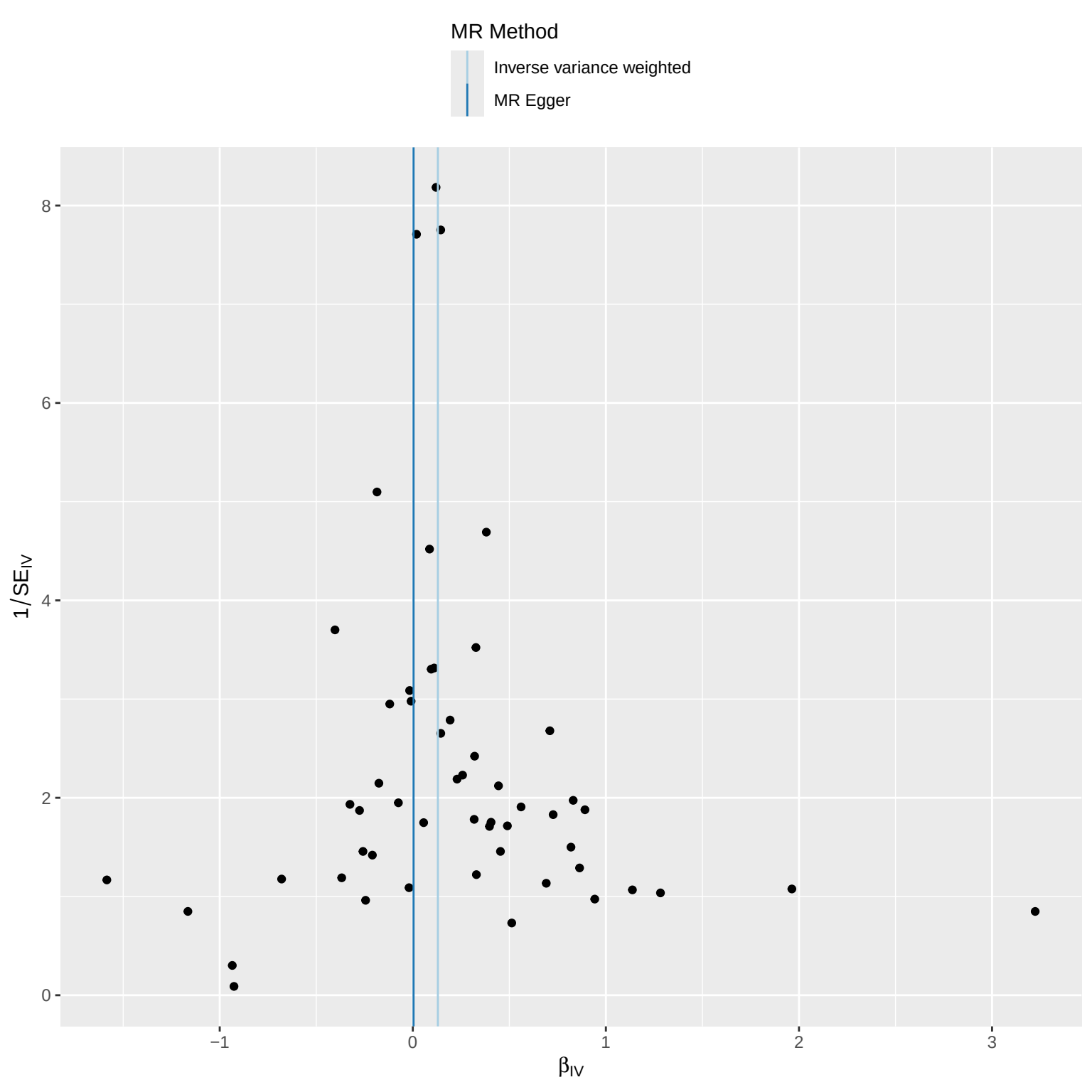

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.9
−0.6
−0.3
0.0
0.3
β_IV

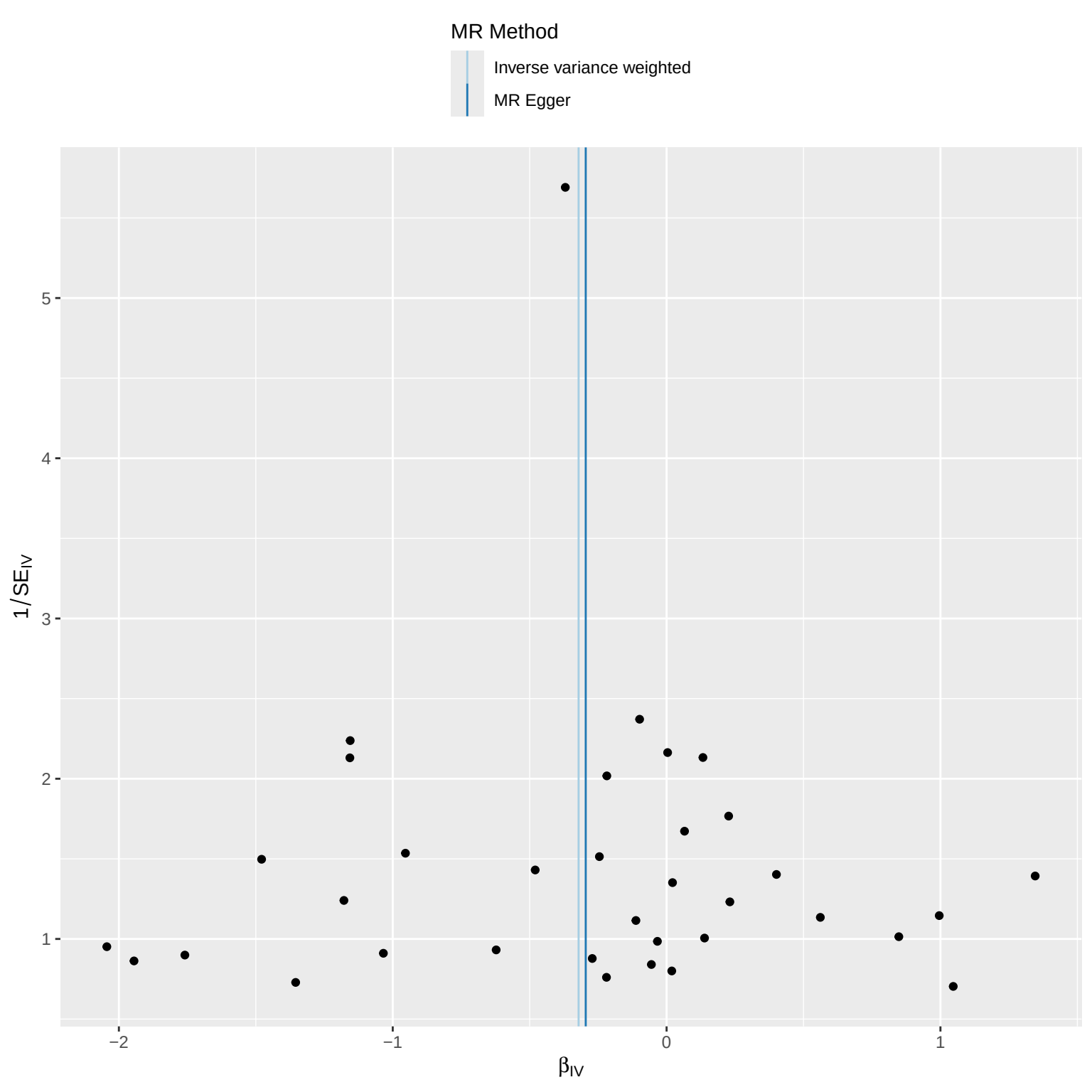

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

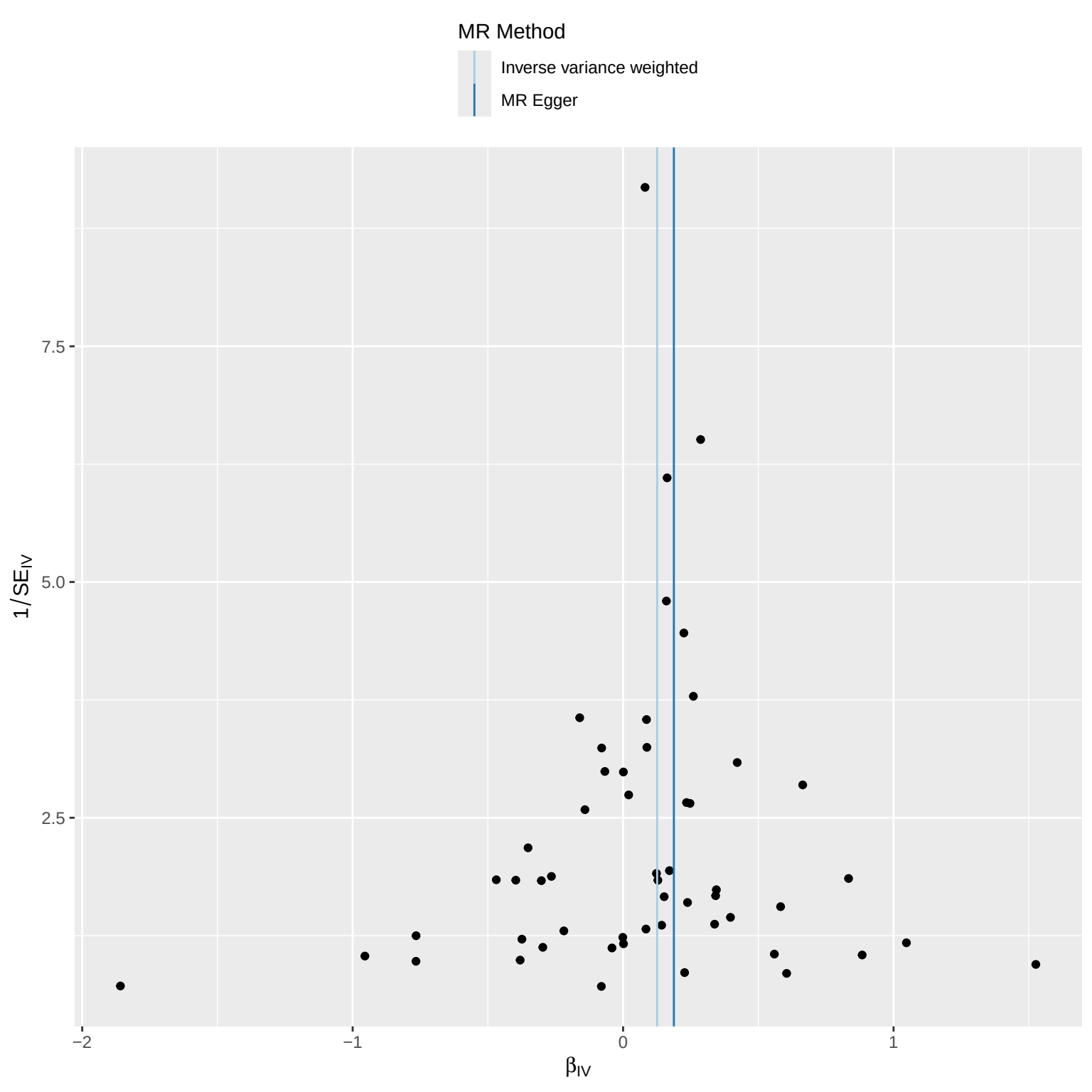

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

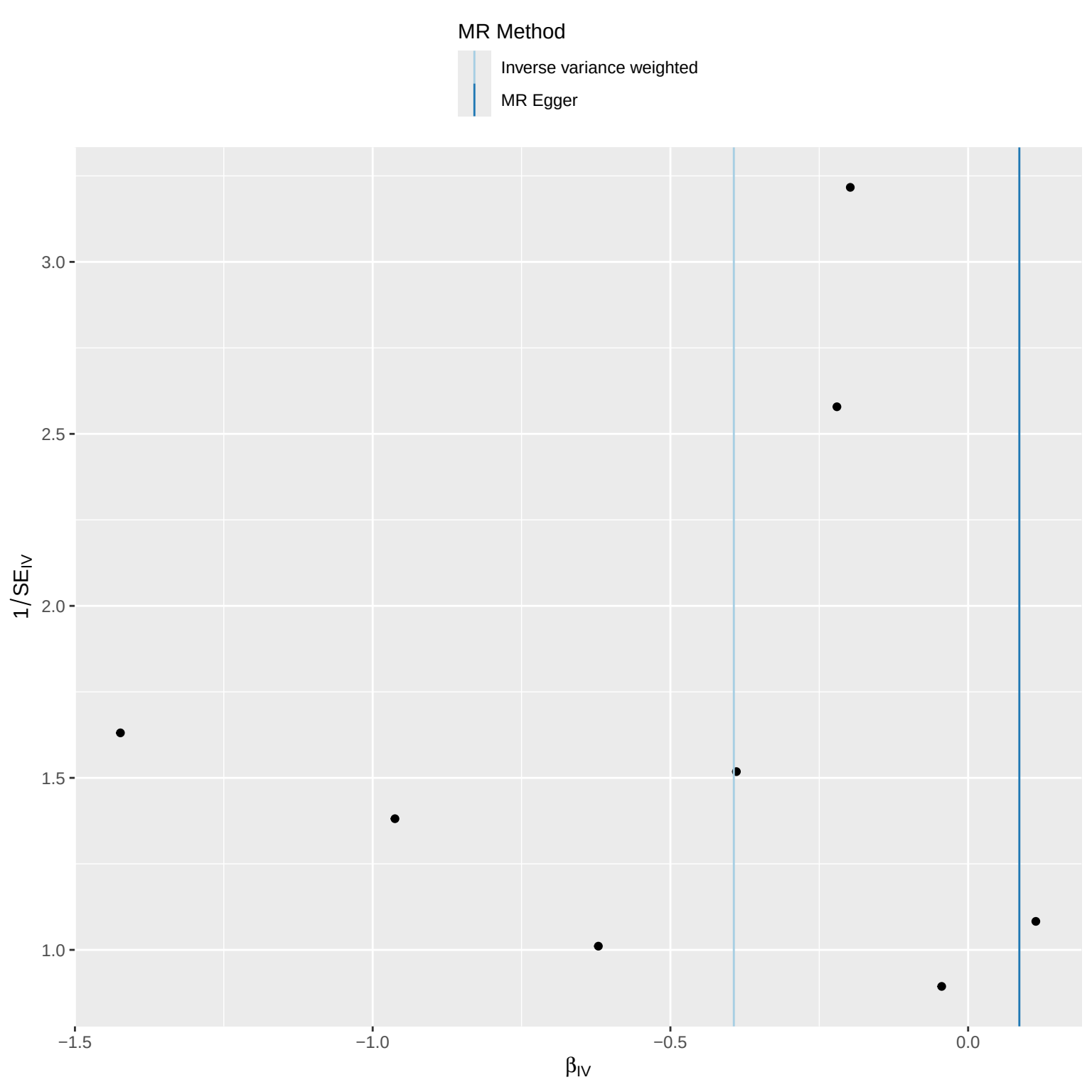

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

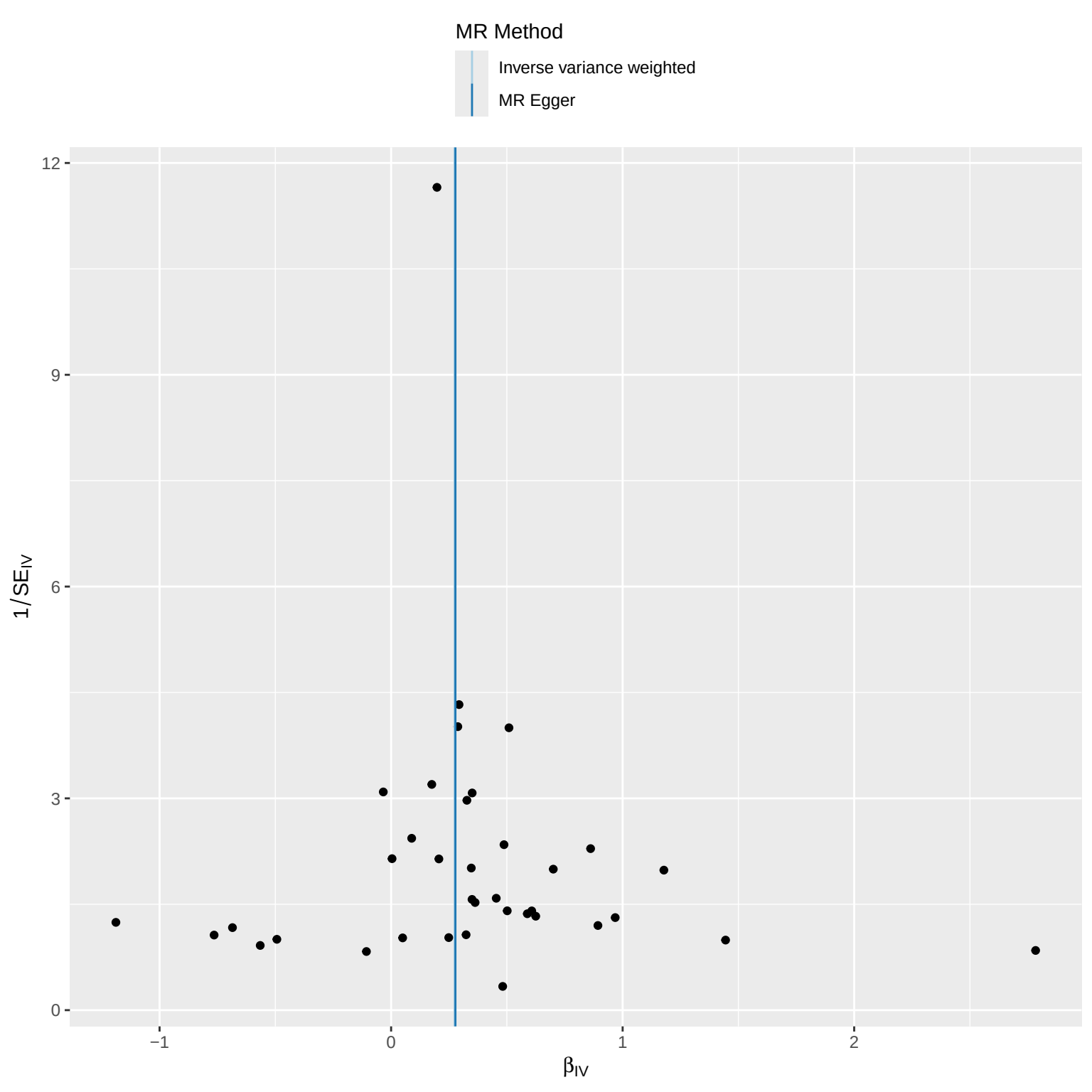

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

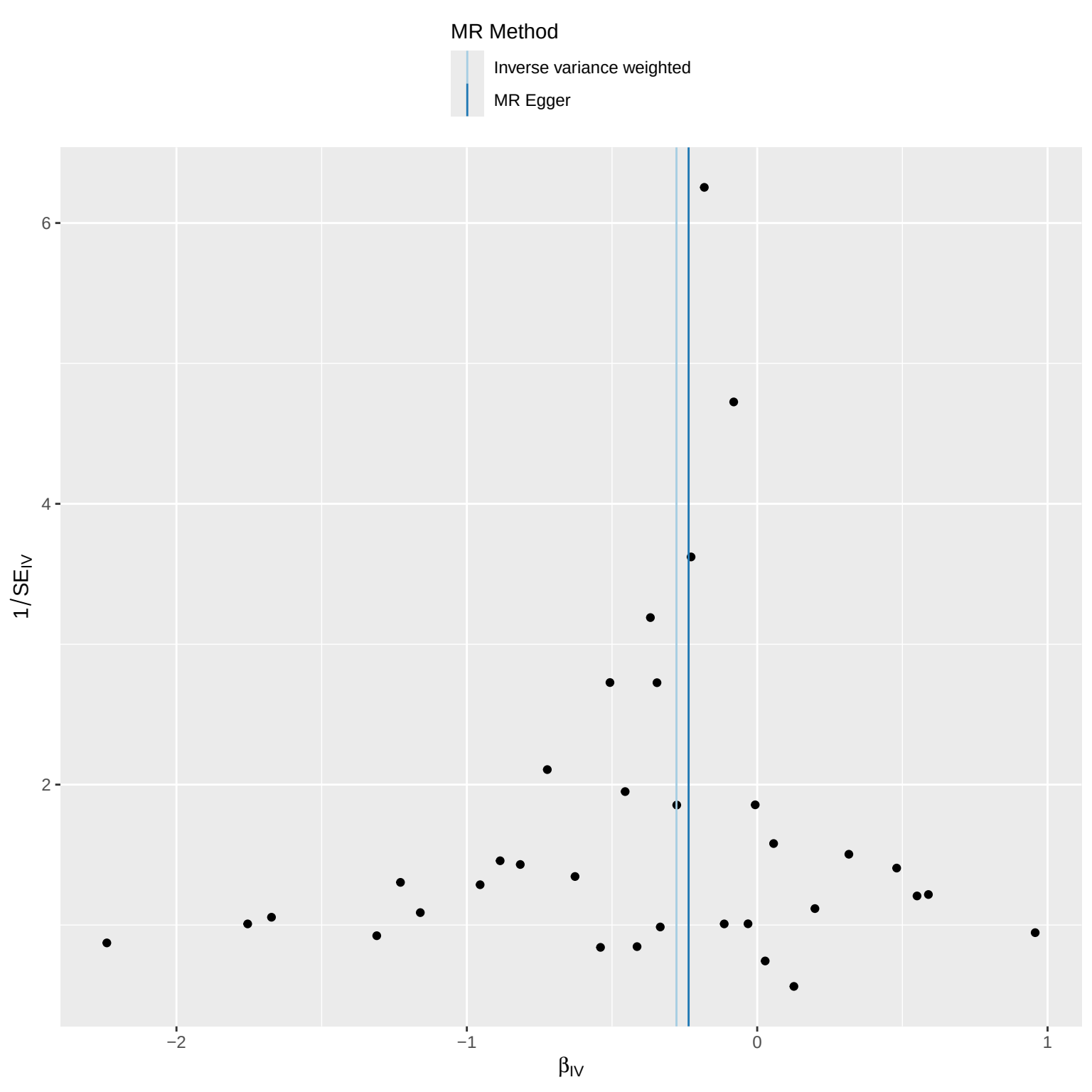

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−1
0
1
2
3
β_IV

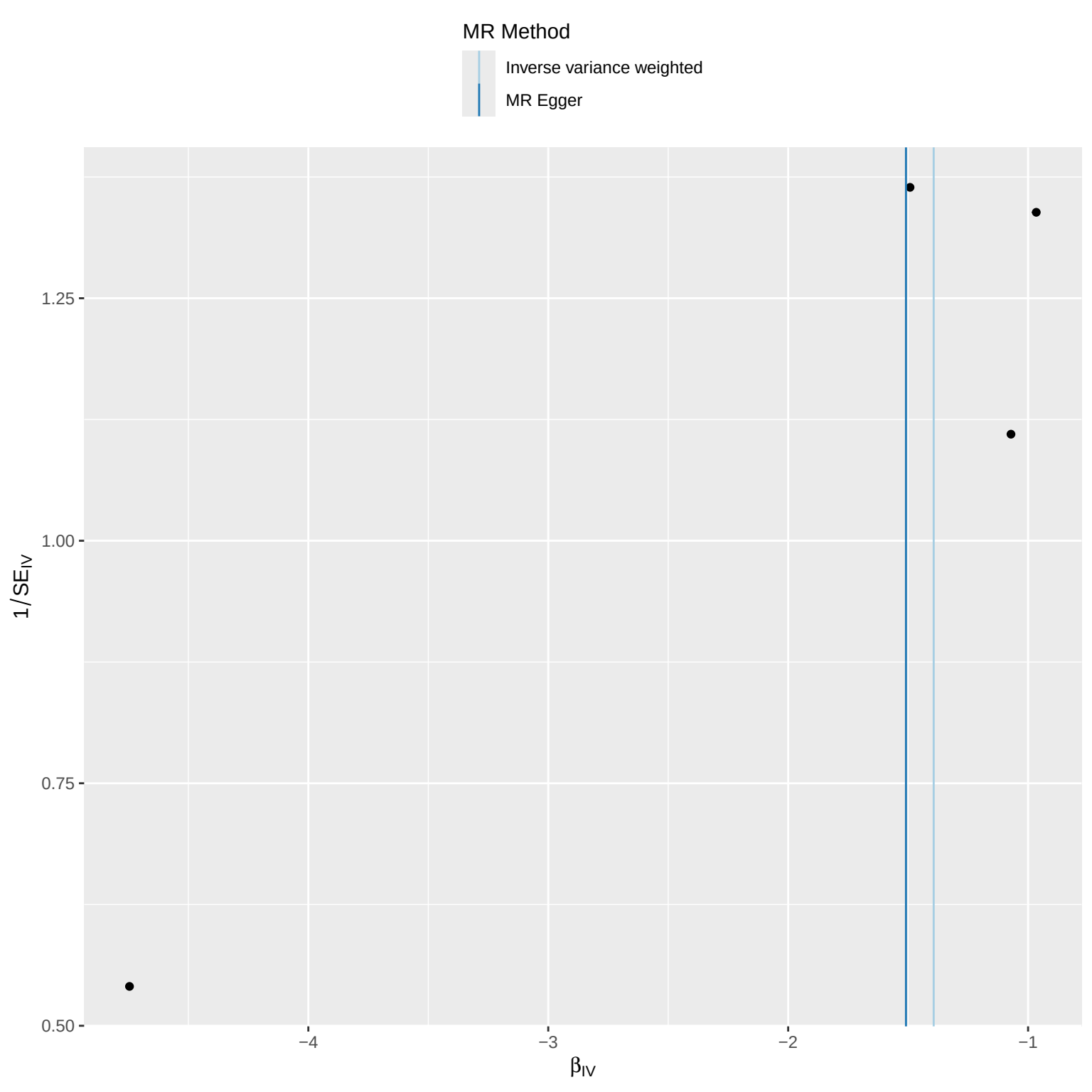

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1

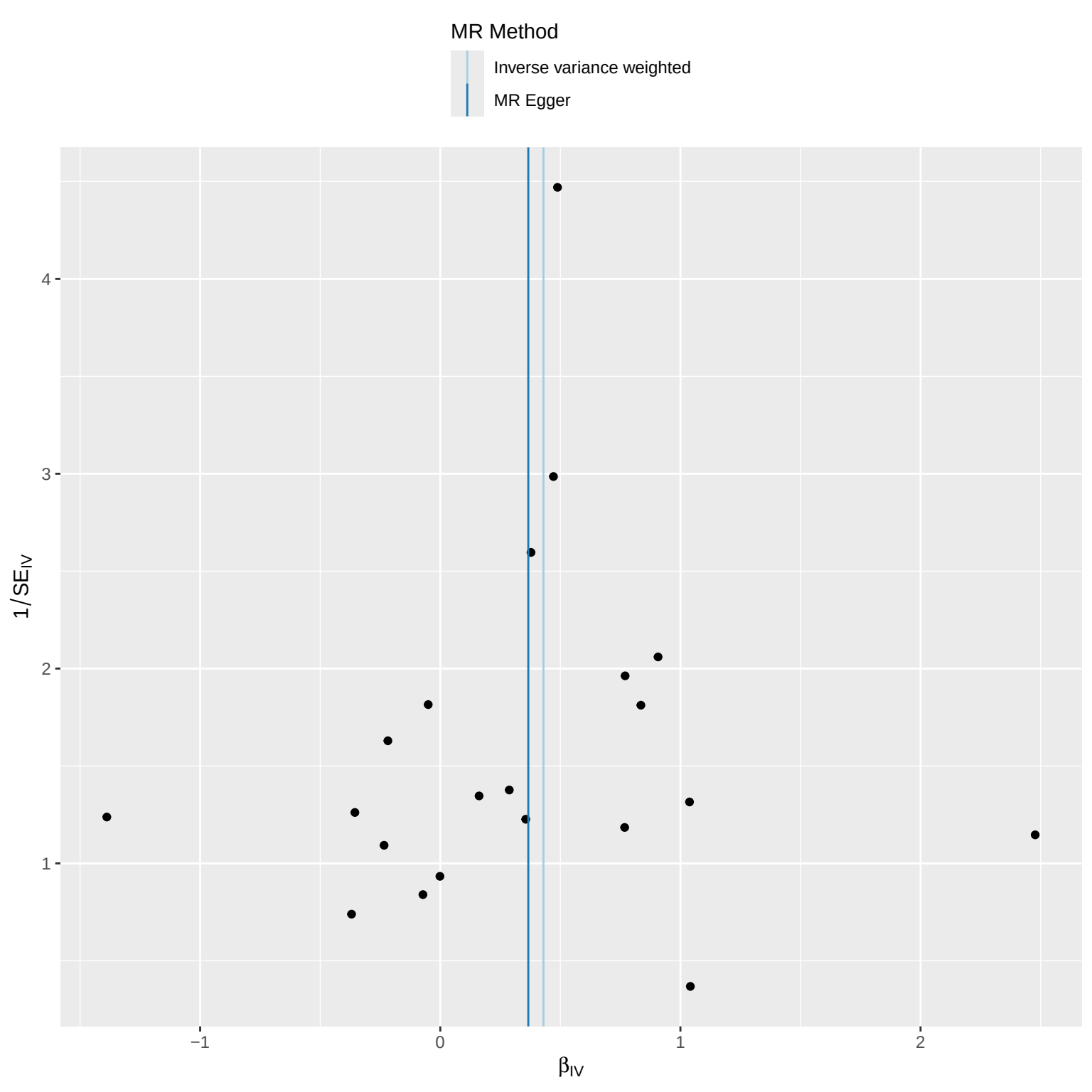

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

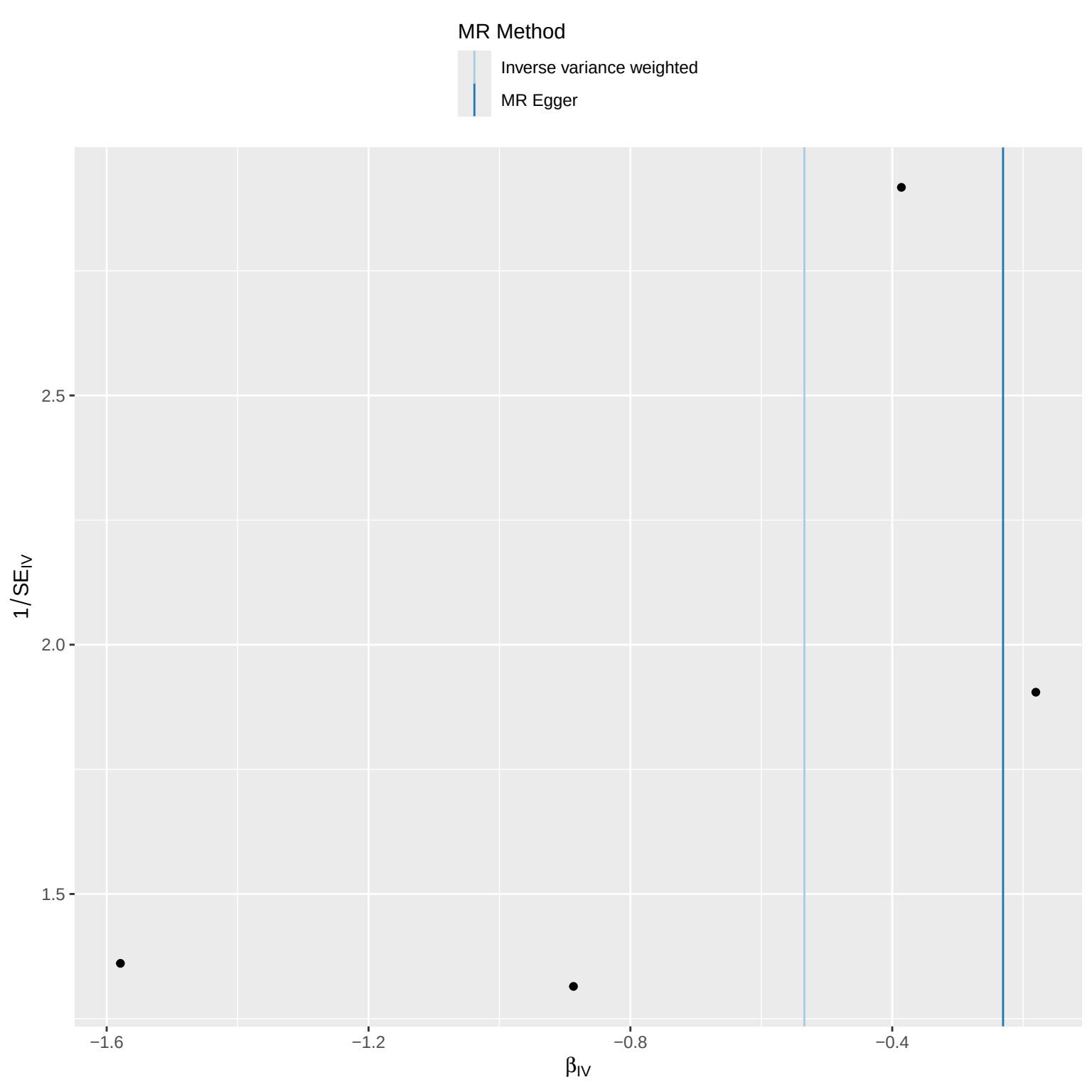

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

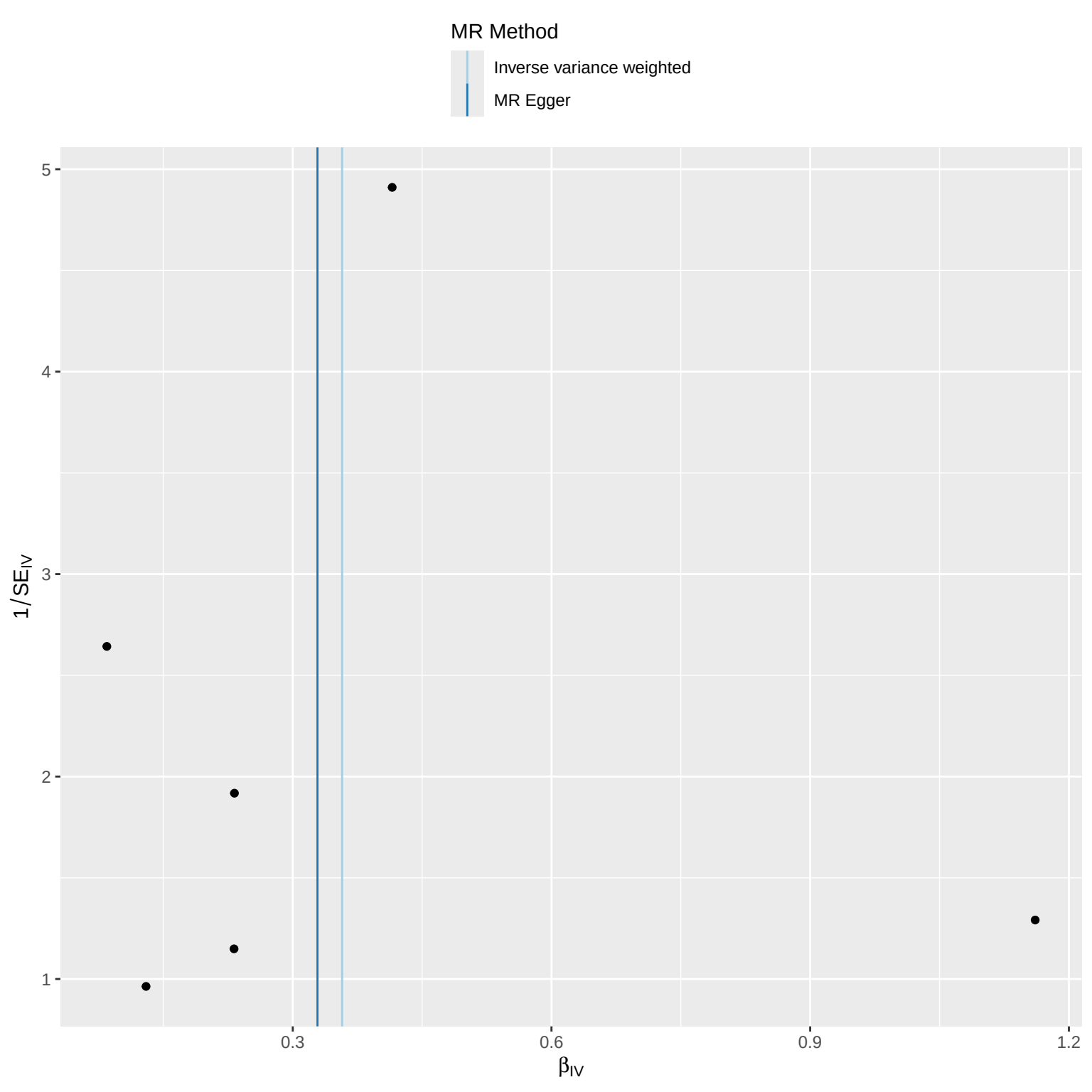

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
0
1/SE_IV
−1
0
1
2
β_IV

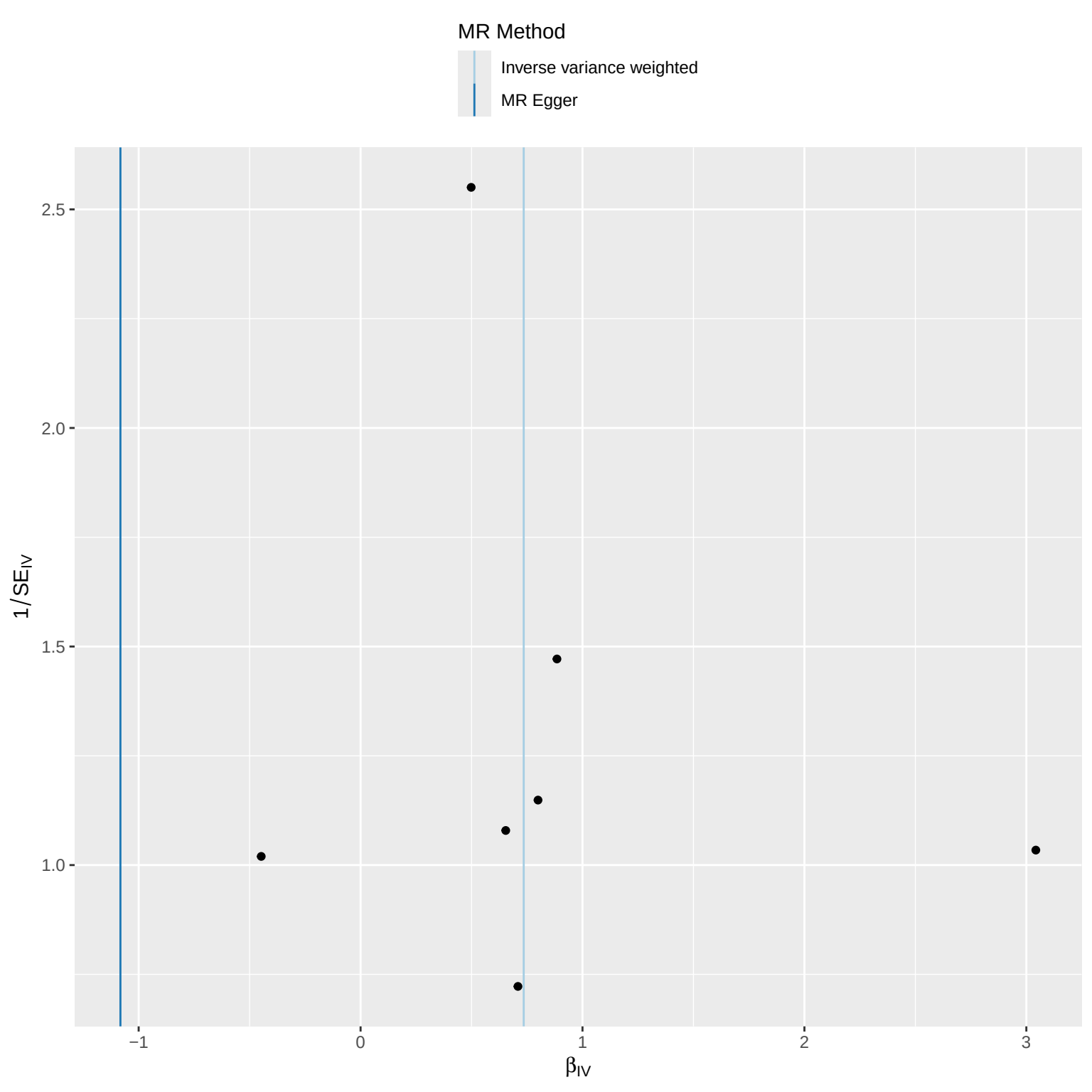

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

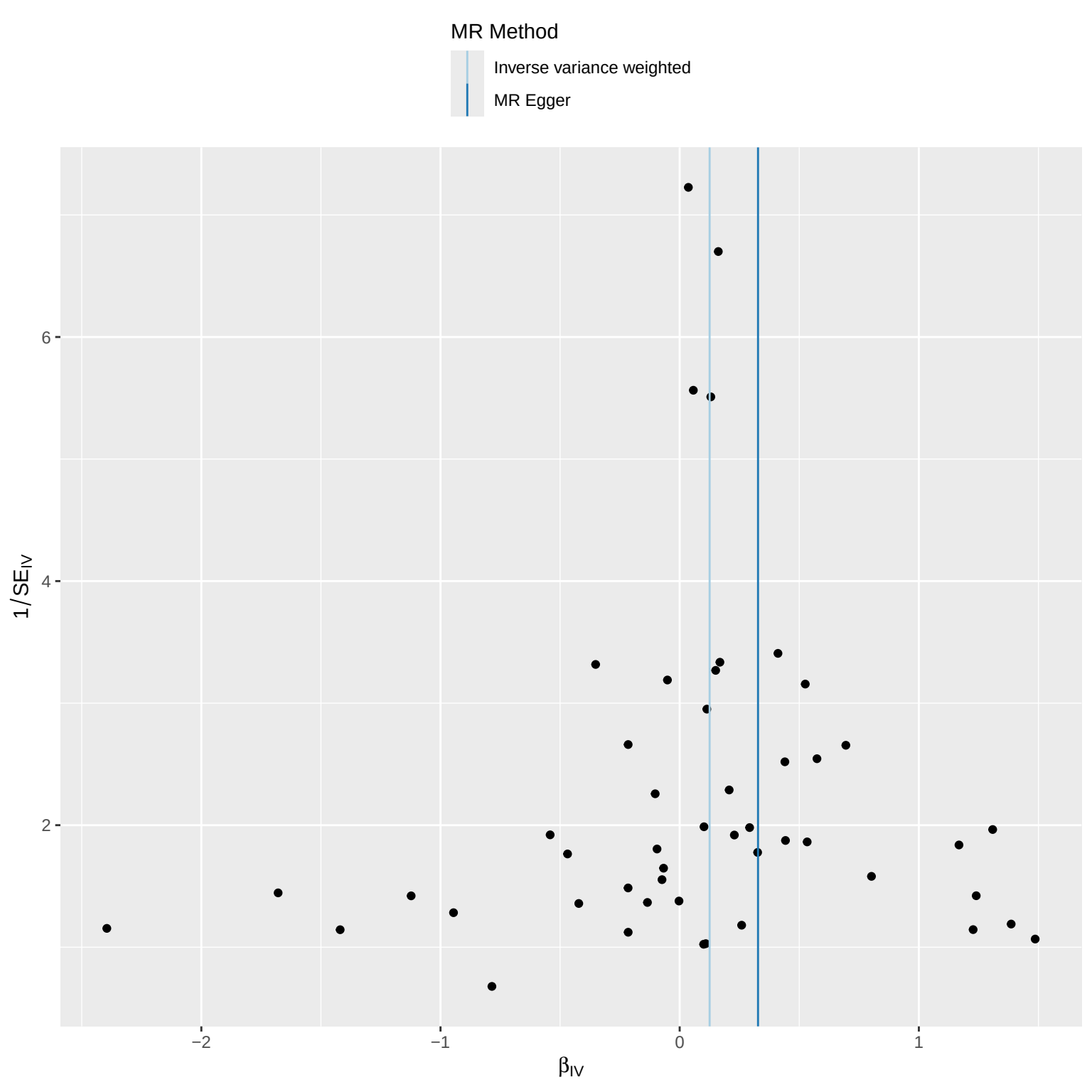

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−4
−3
−2
−1
β_IV

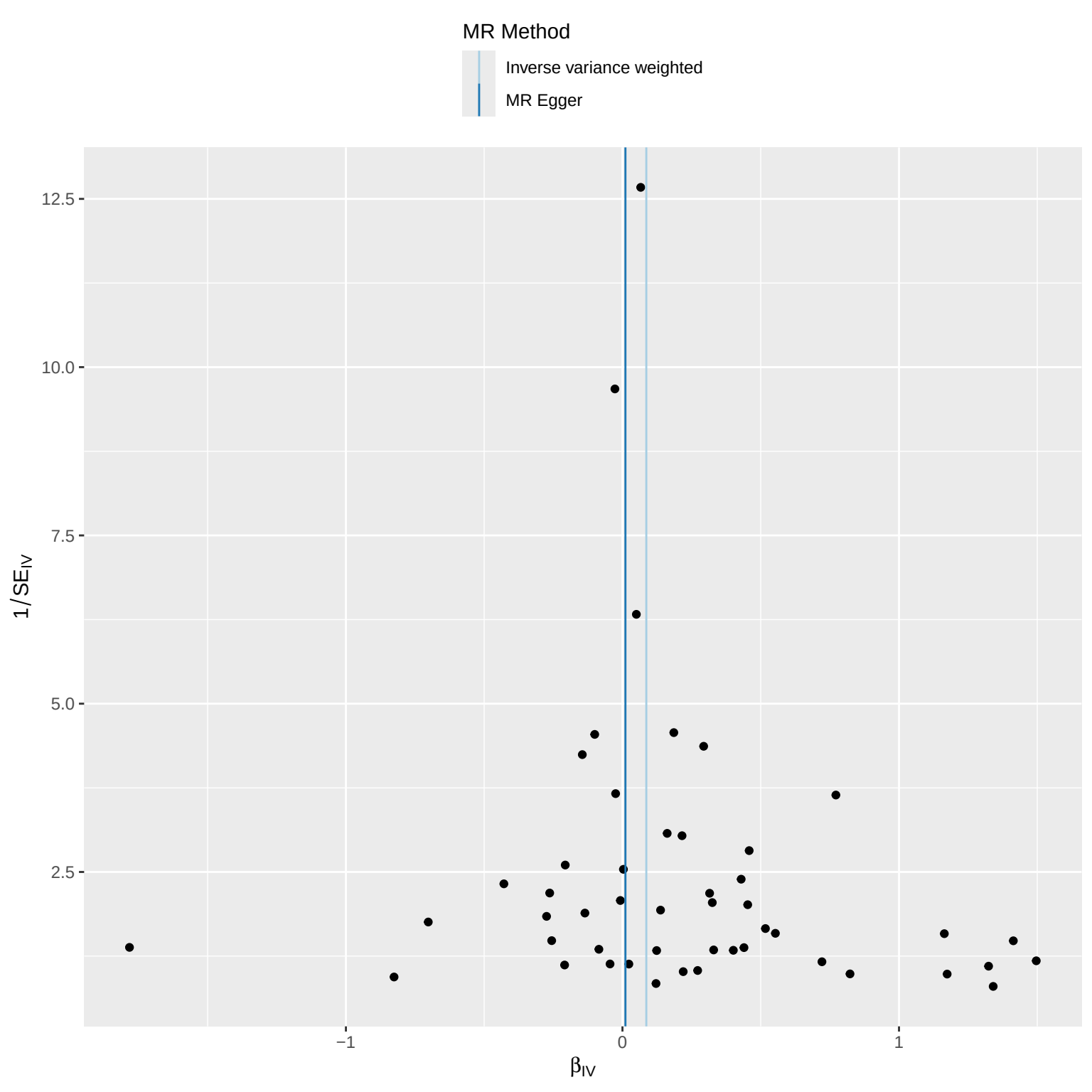

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

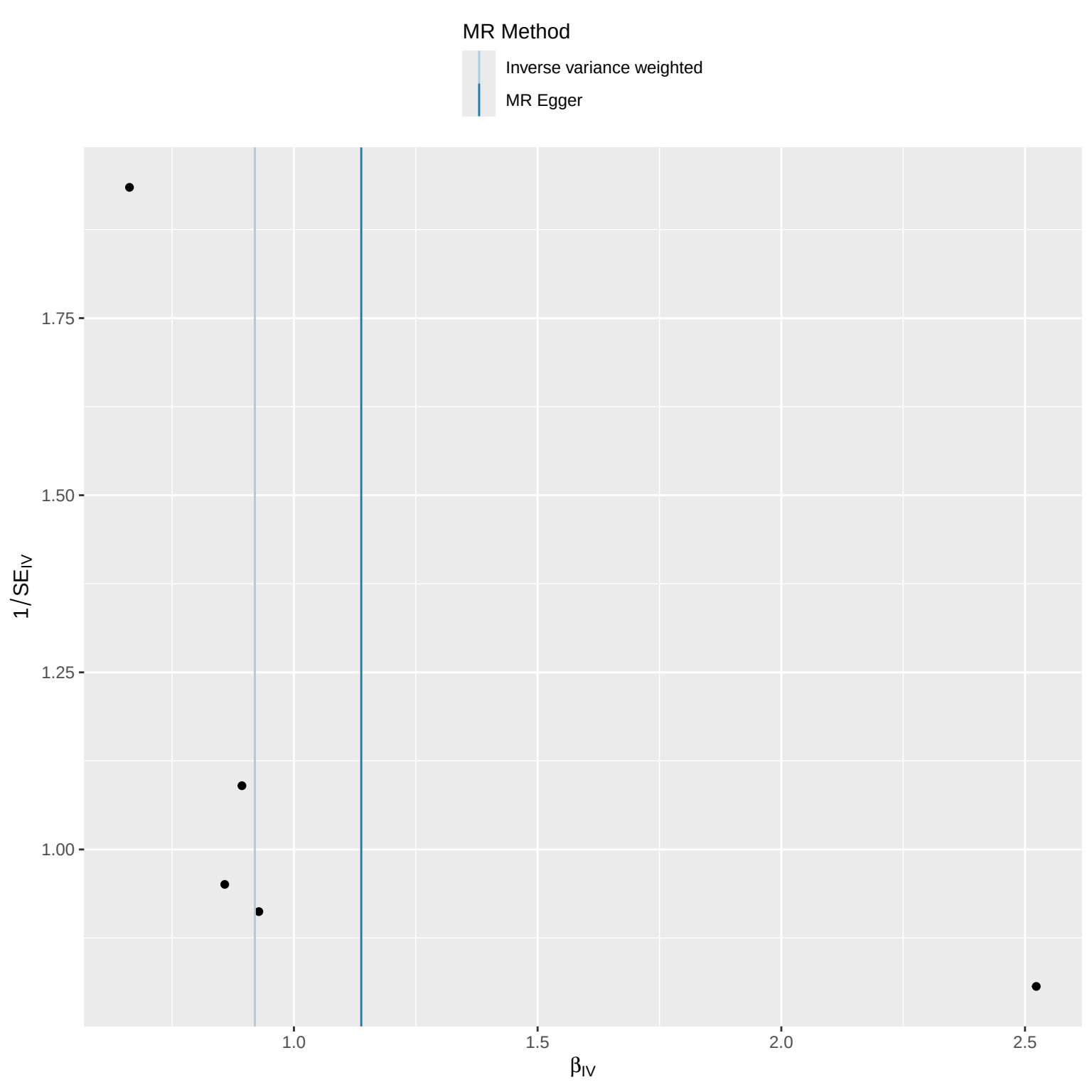

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−1.6
−1.2
−0.8
−0.4
β_IV

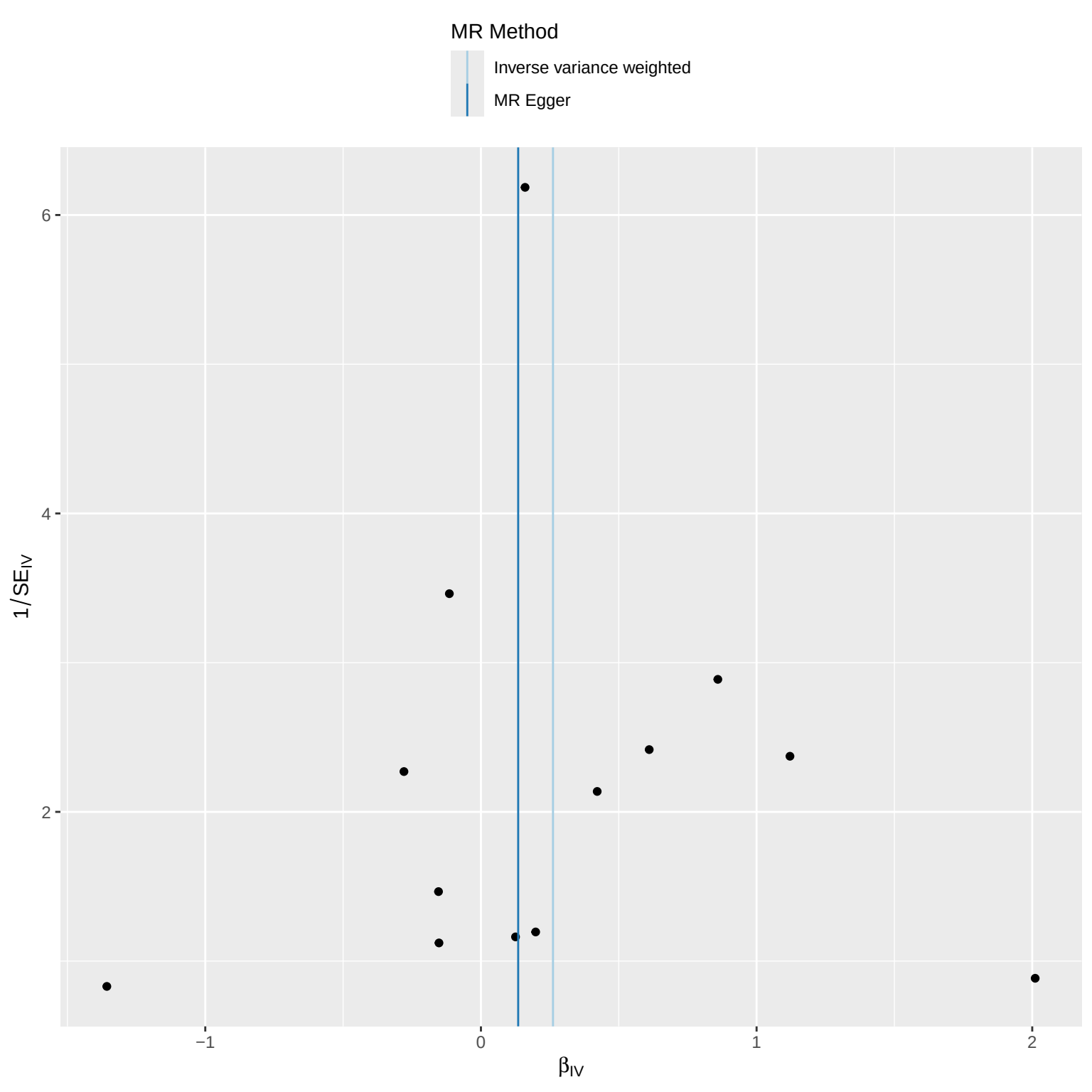

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.3
0.6
0.9
1.2
β_IV

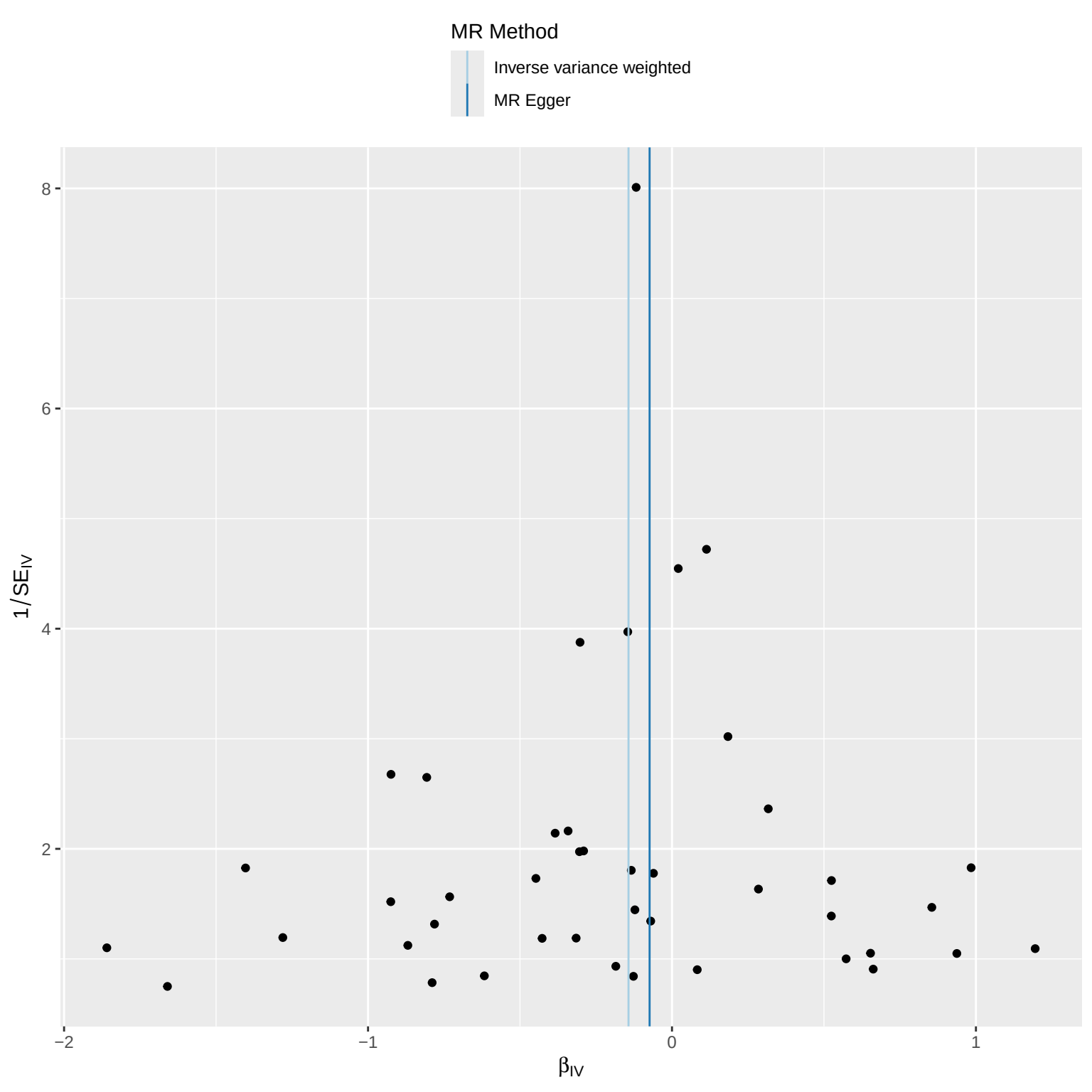

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
3
β_IV

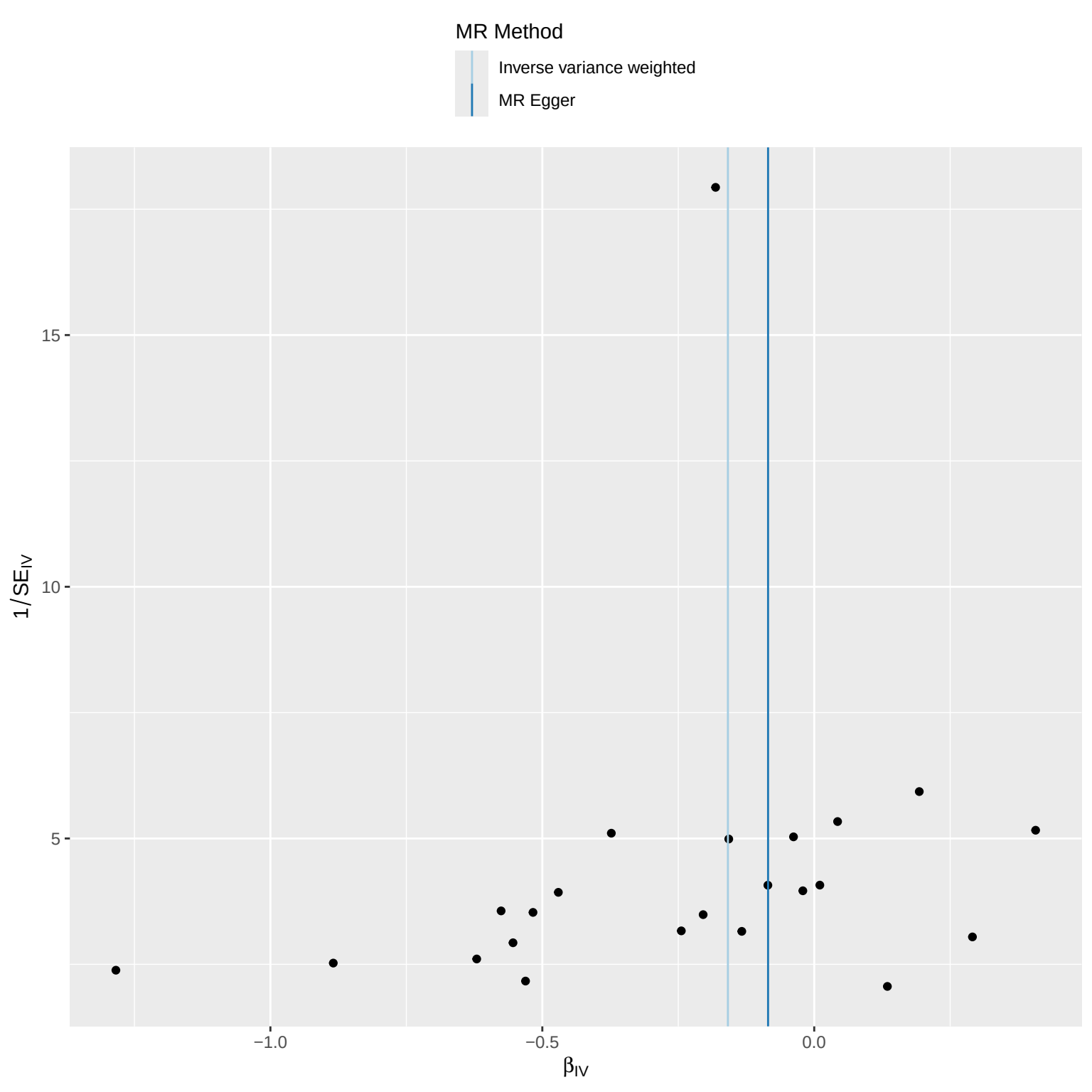

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

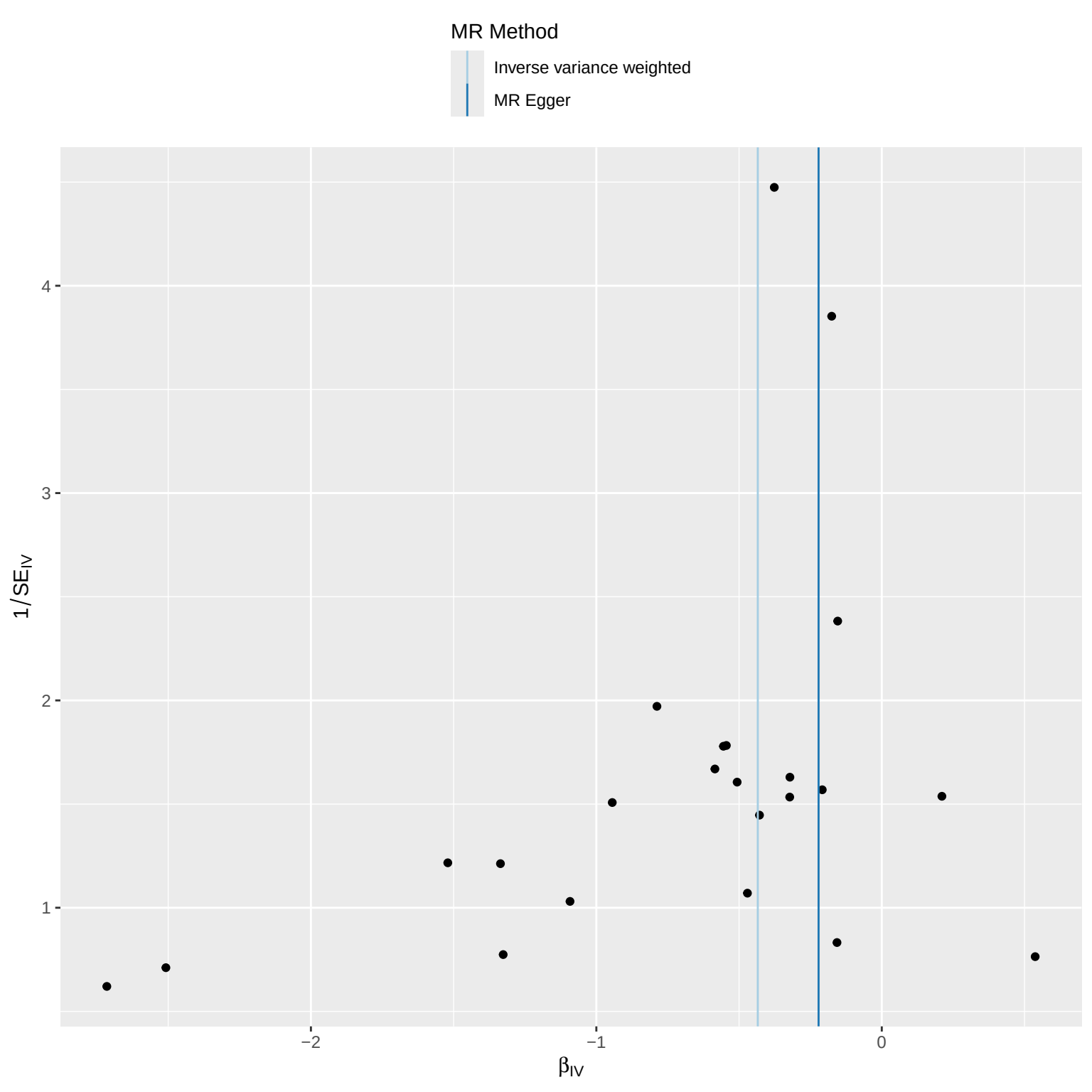

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

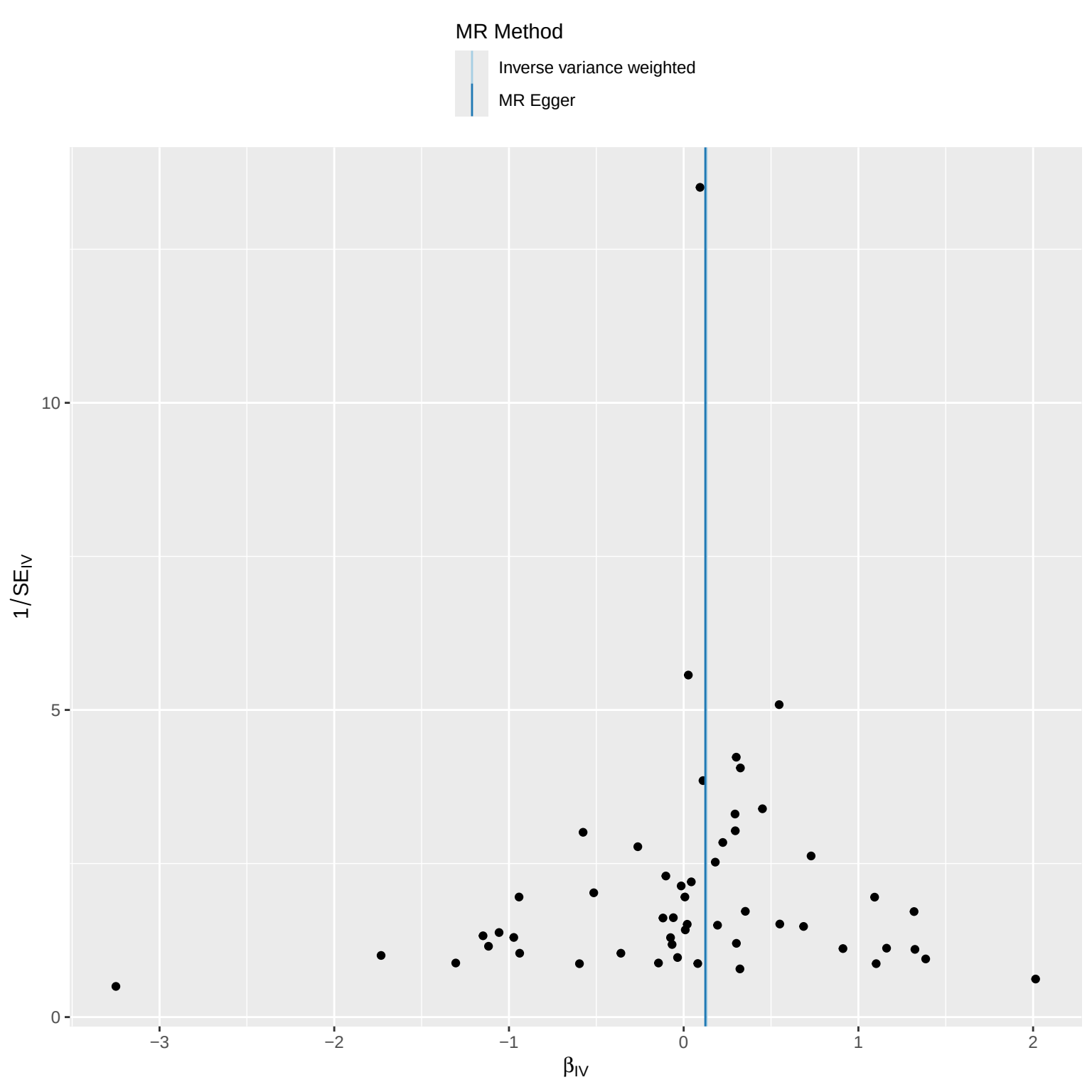

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

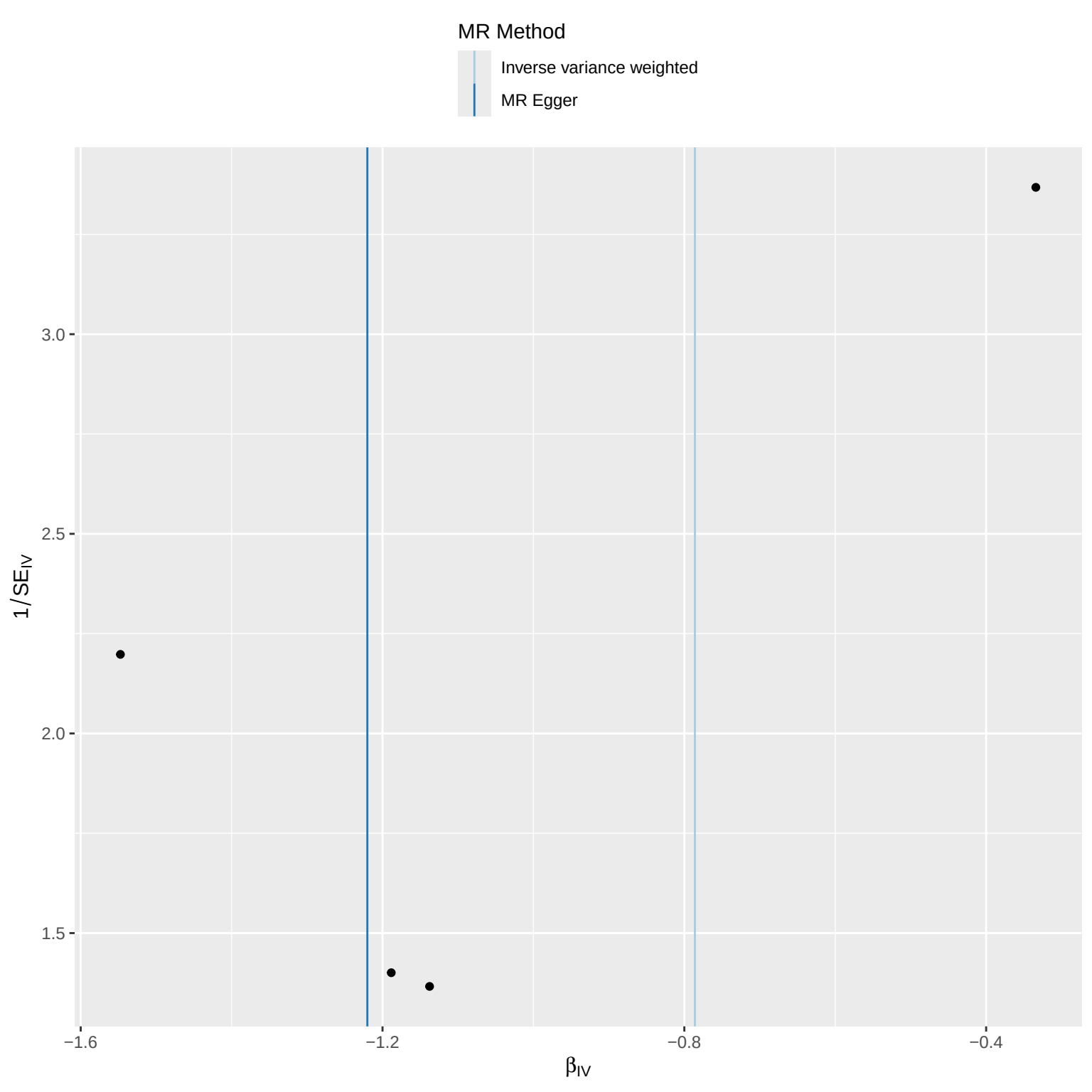

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

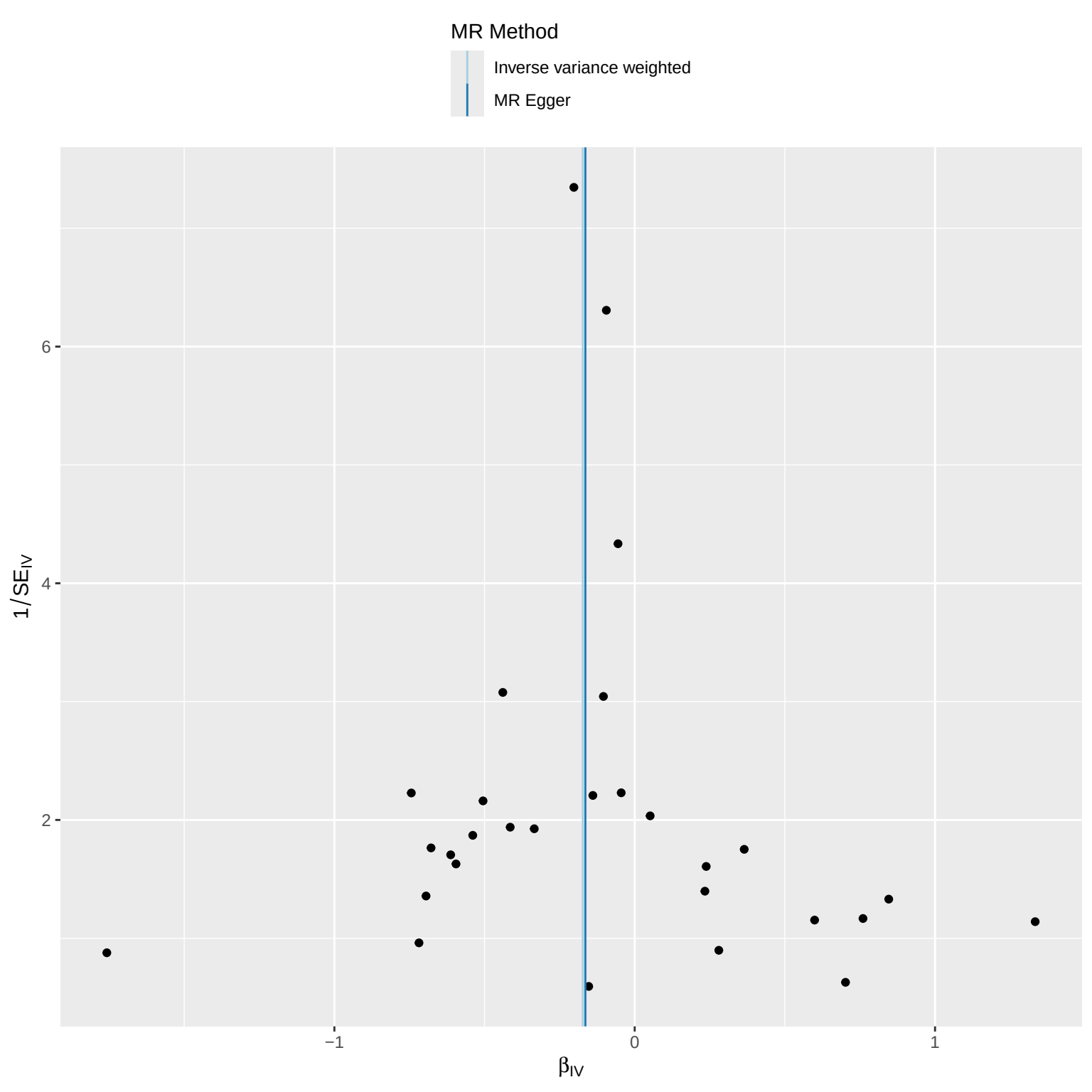

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

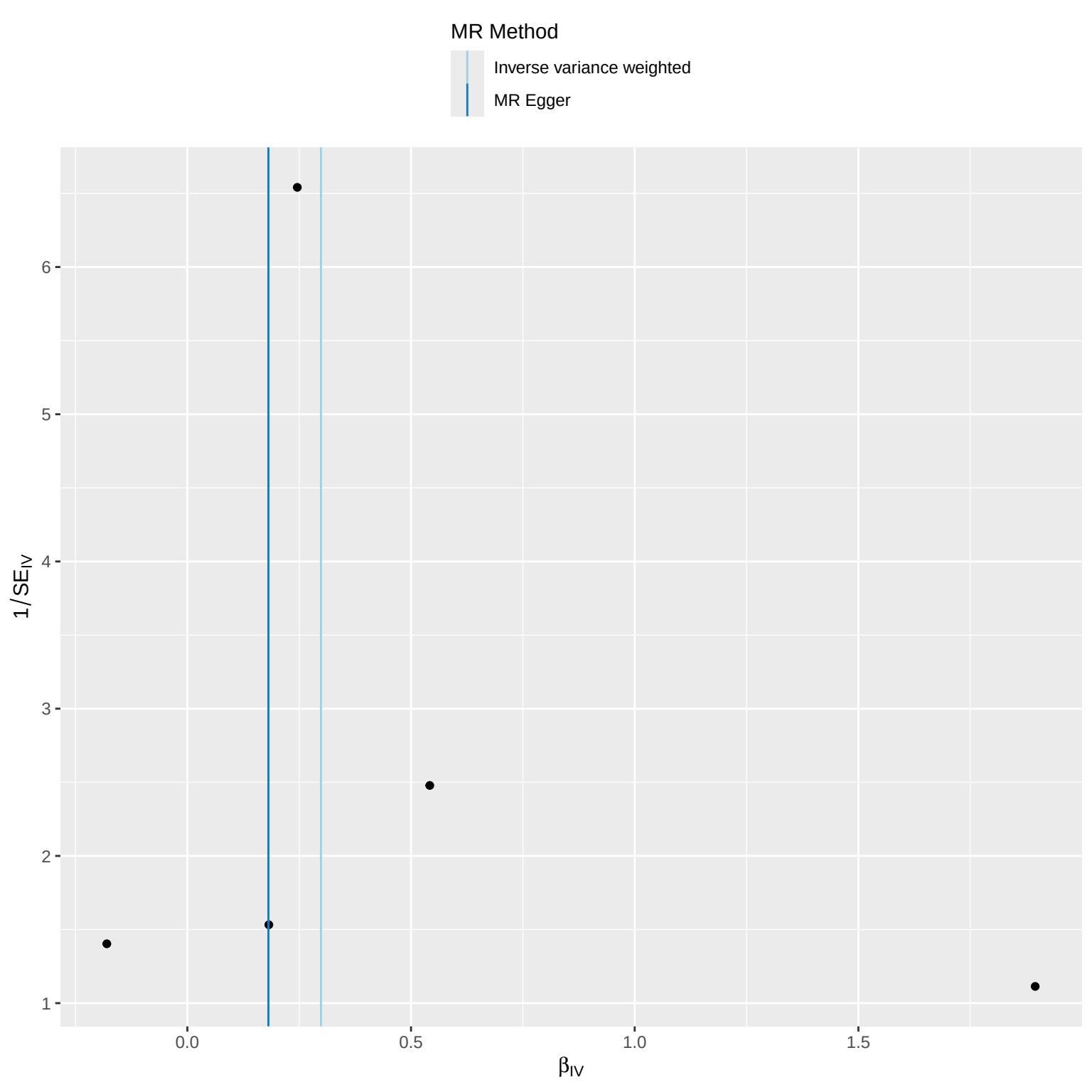

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−1.0
−0.5
0.0
β_IV

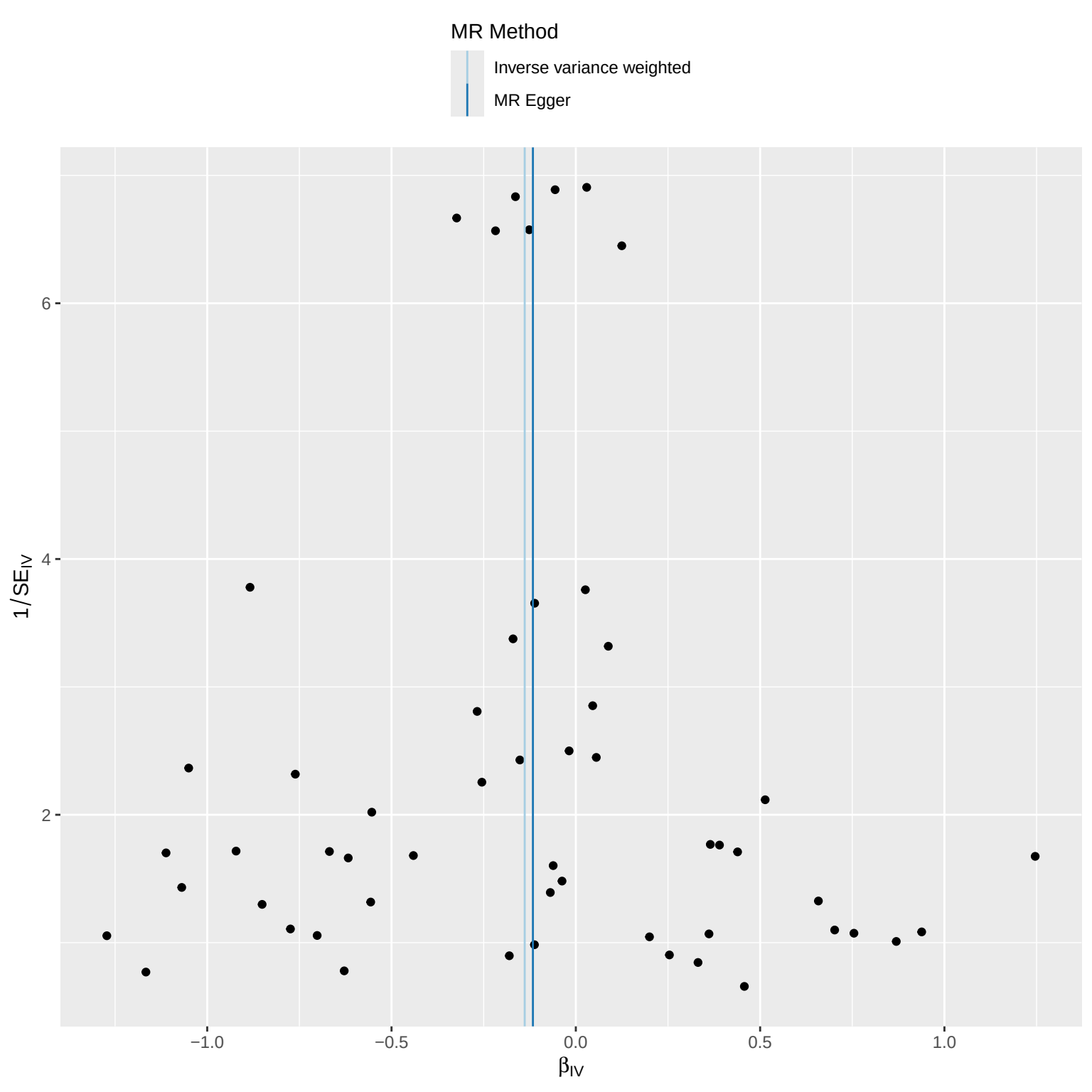

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

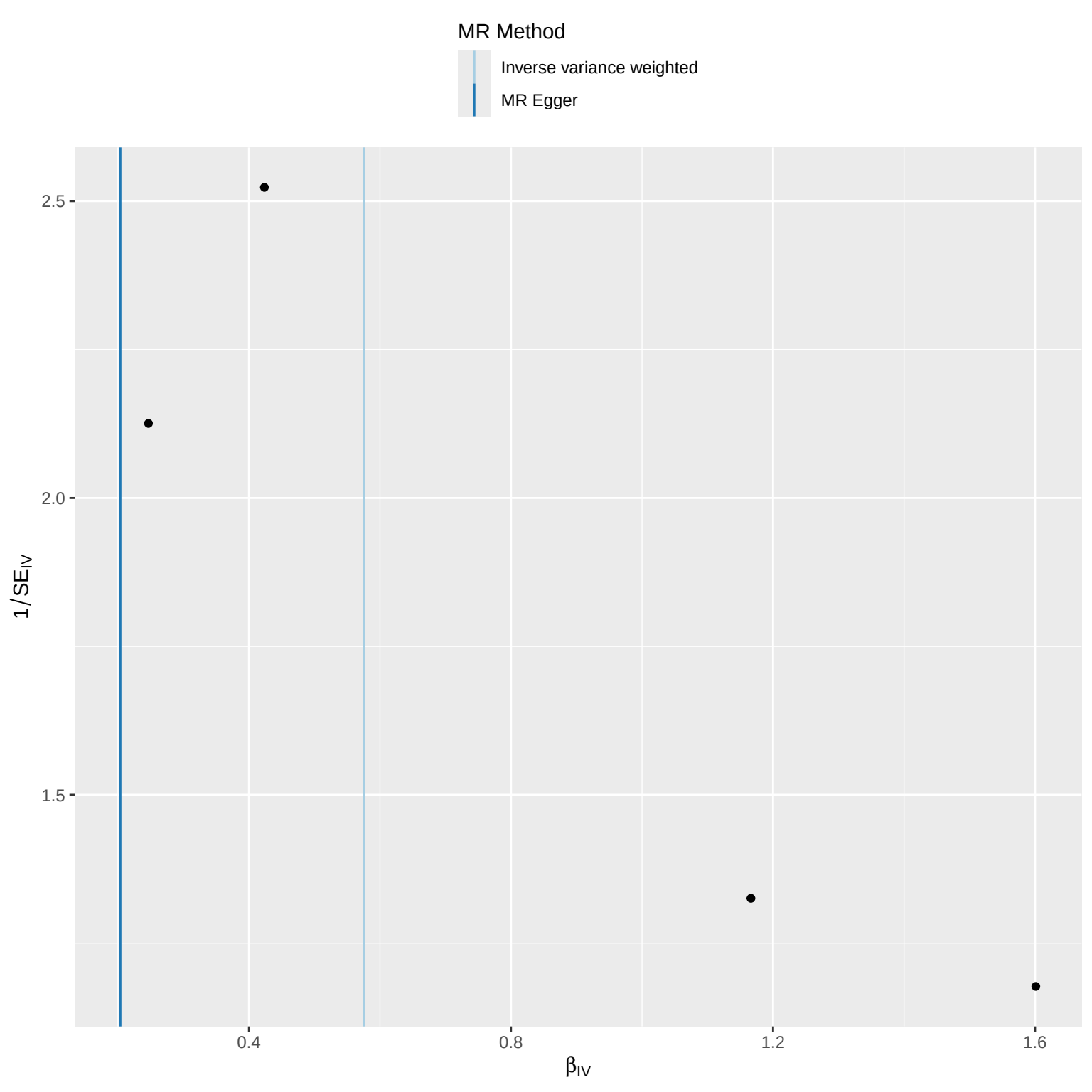

MR Method
Inverse variance weighted
MR Egger
10
5
0
1/SE_IV
−3
−2
−1
0
1
2
β_IV

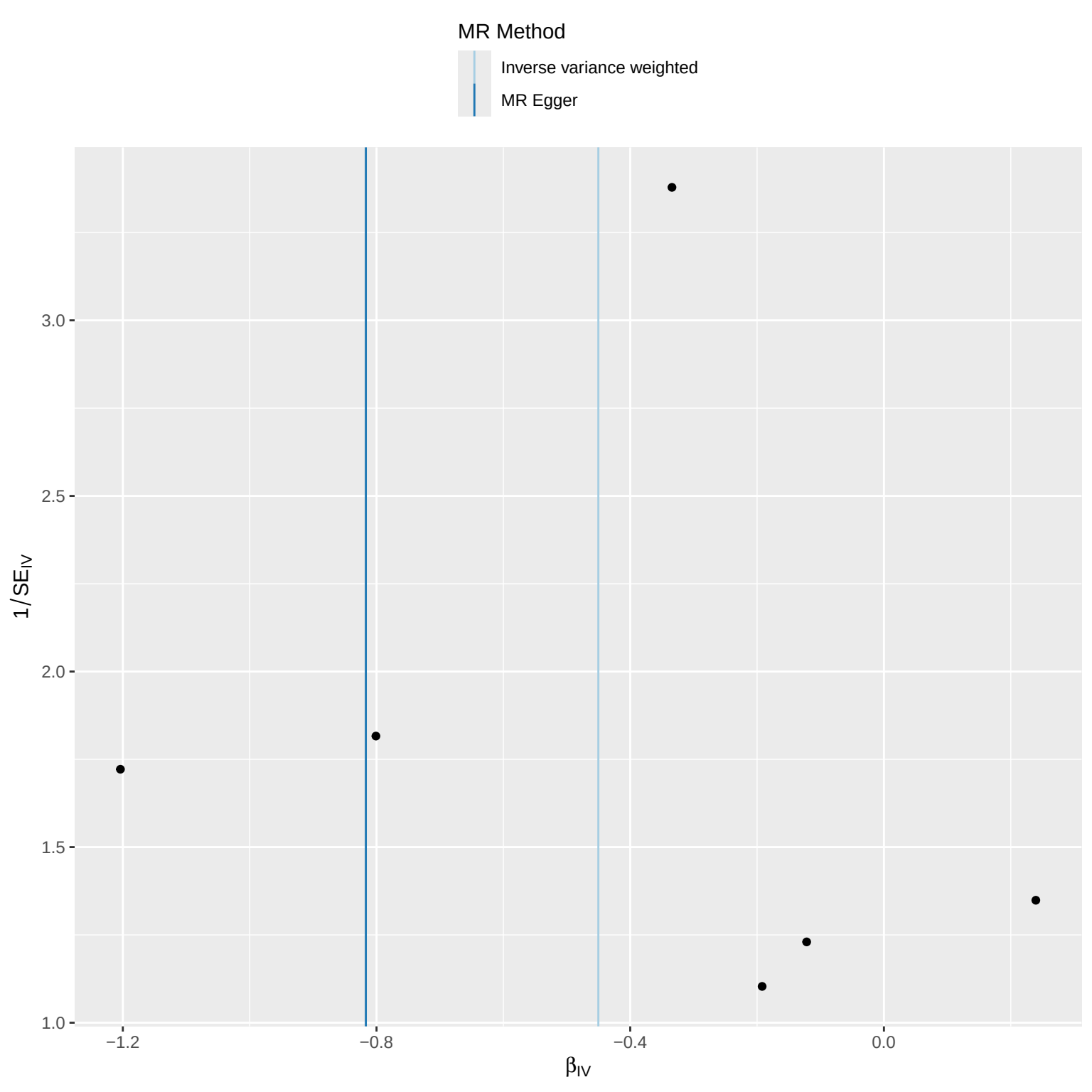

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.6
−1.2
−0.8
−0.4
β_IV

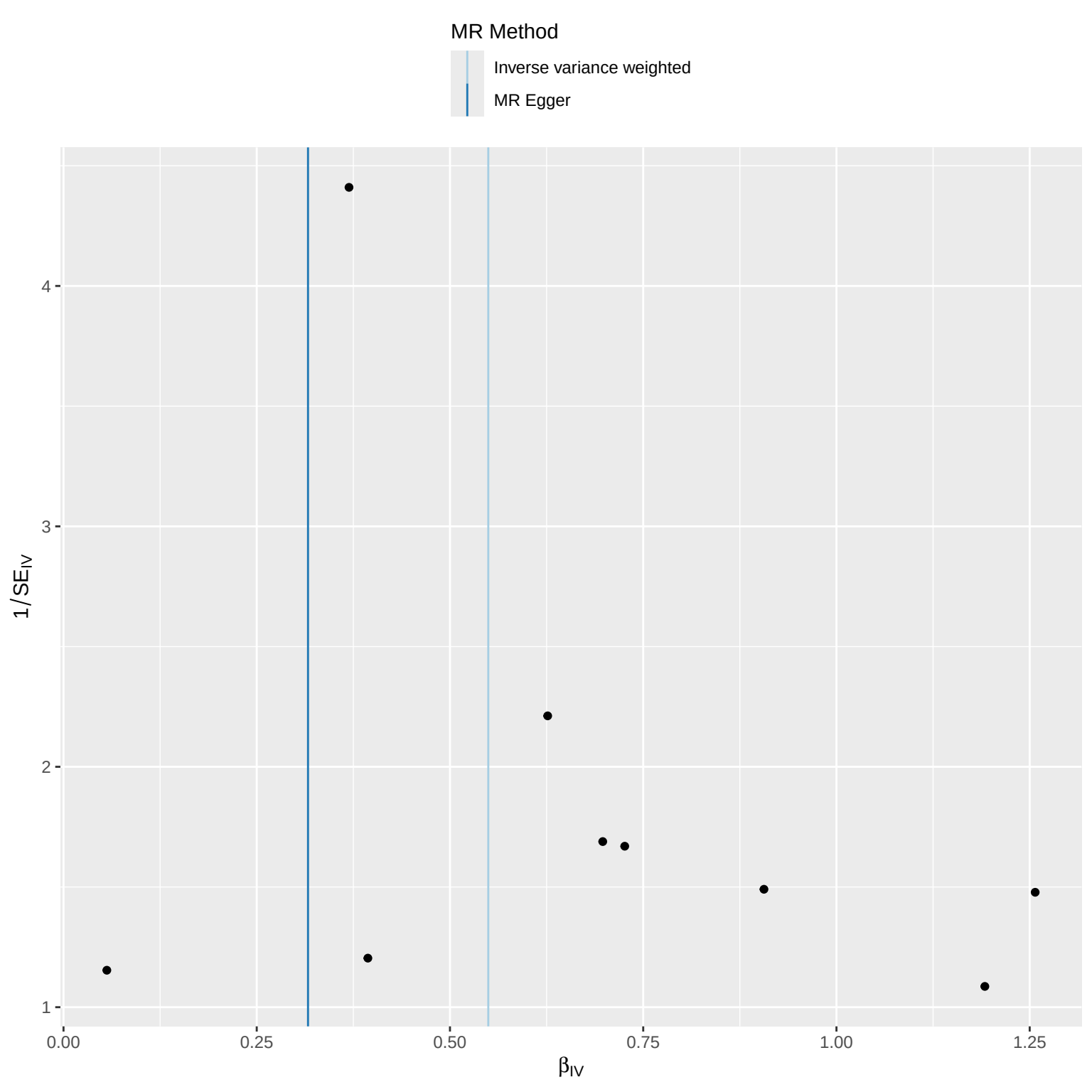

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

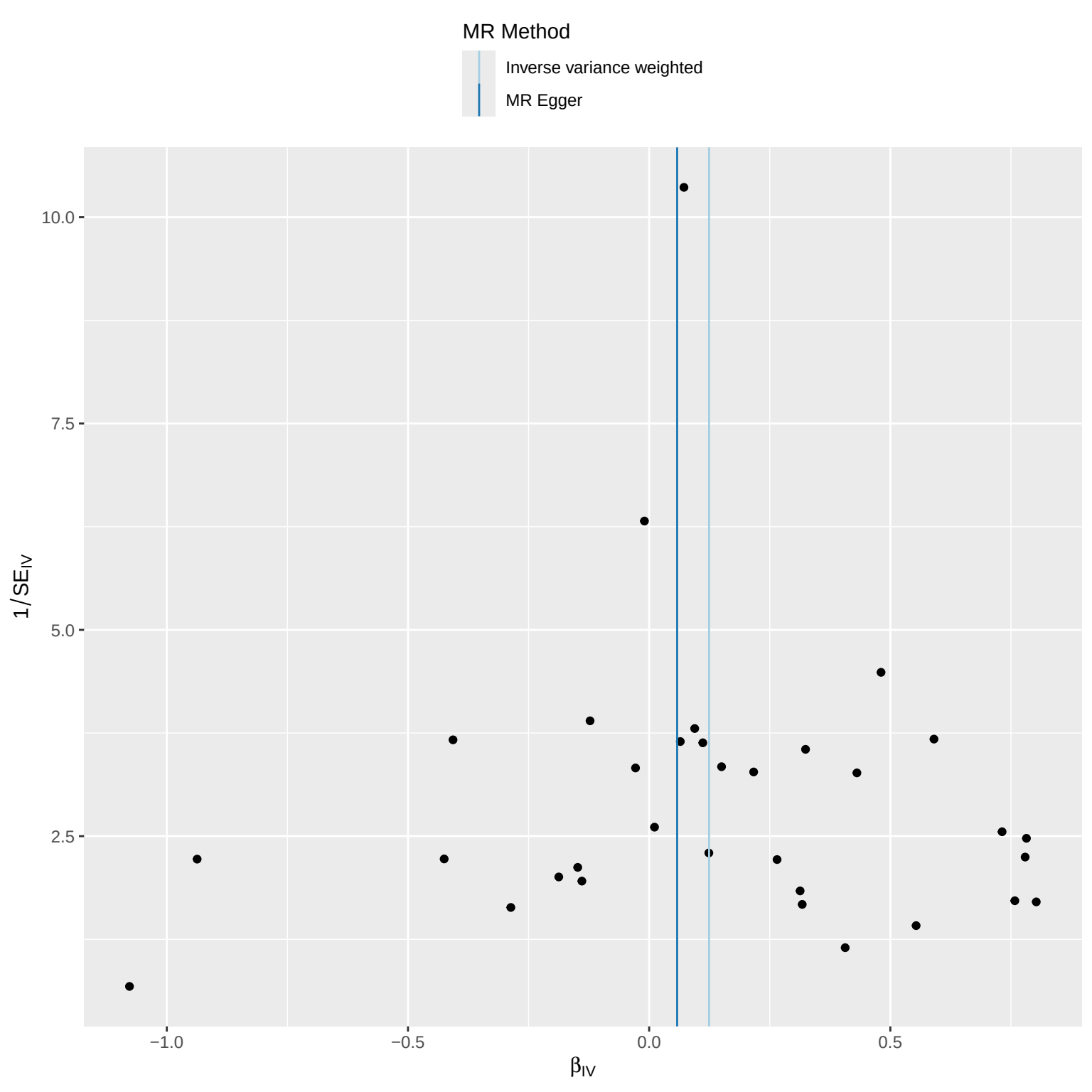

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
6
5
4
3
2
1
0.0
0.5
1.0
1.5
β_IV

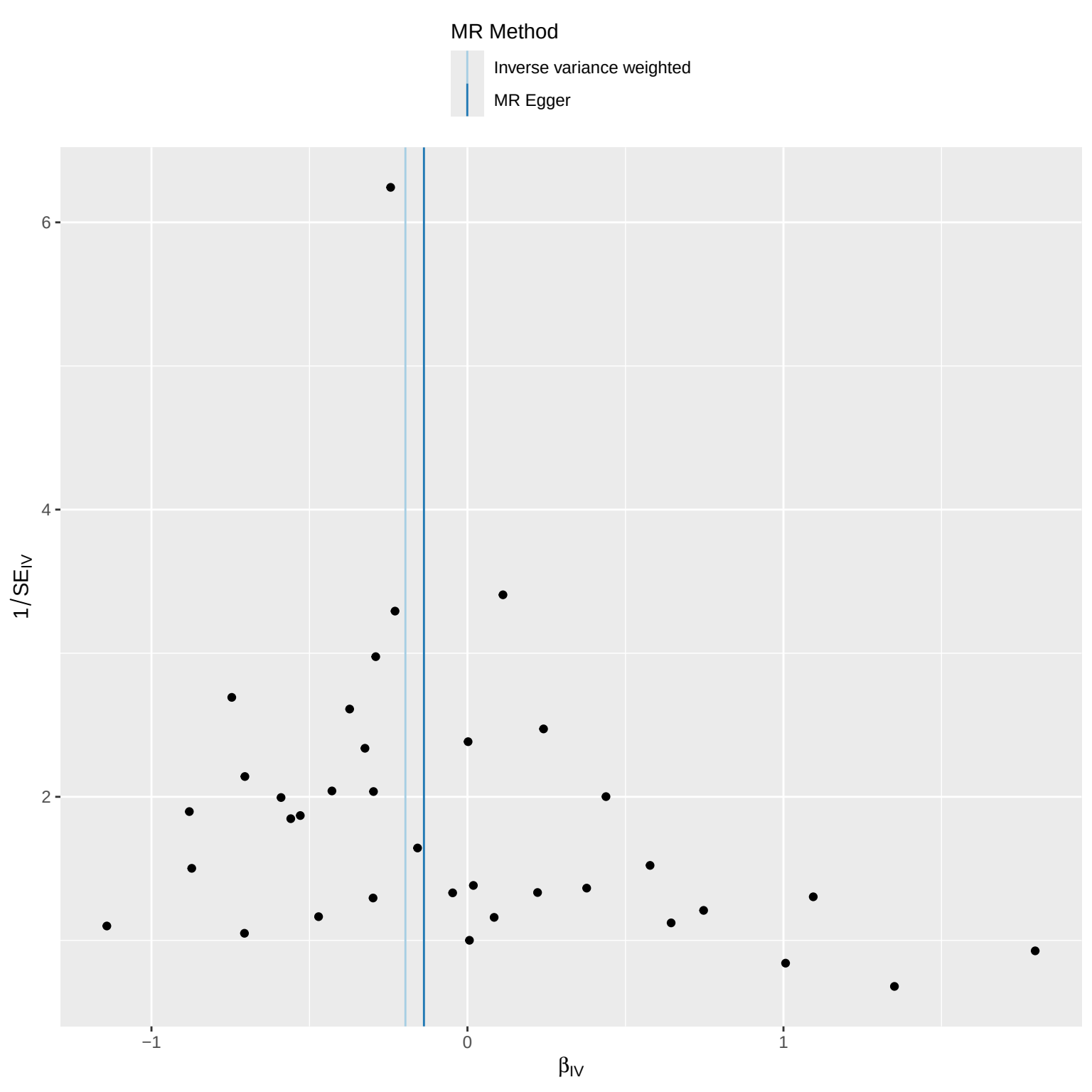

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

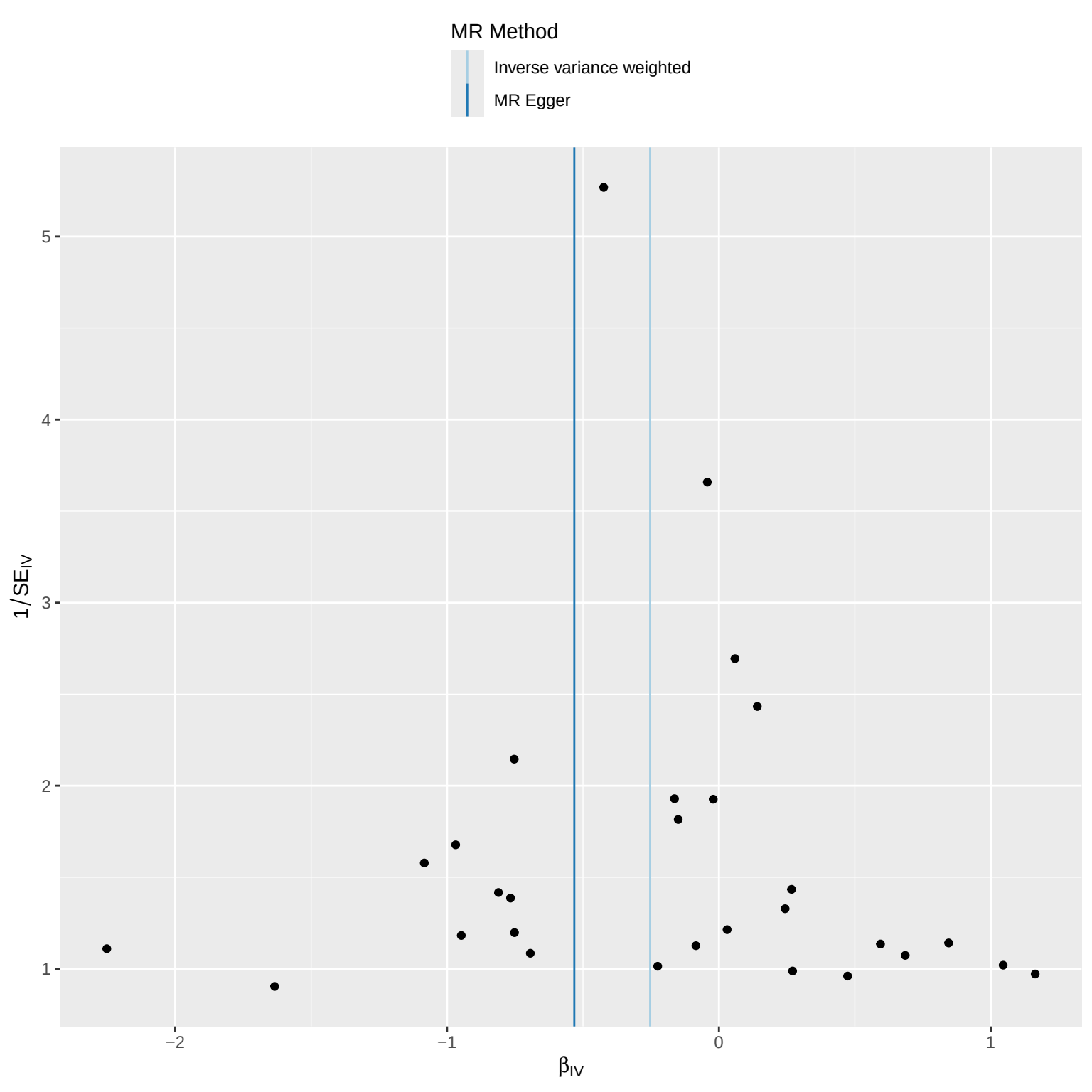

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
0.4
0.8
1.2
1.6
β_IV

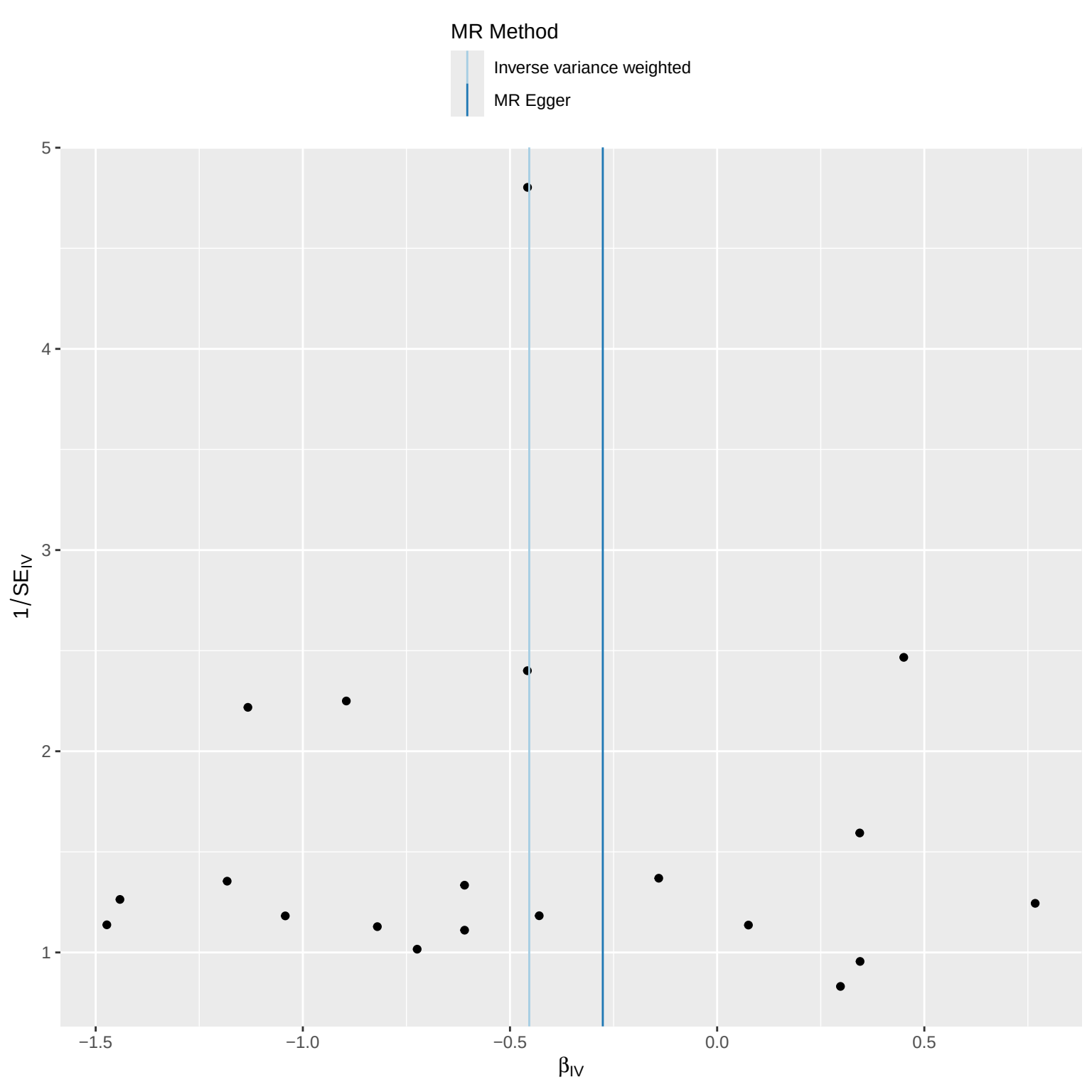

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

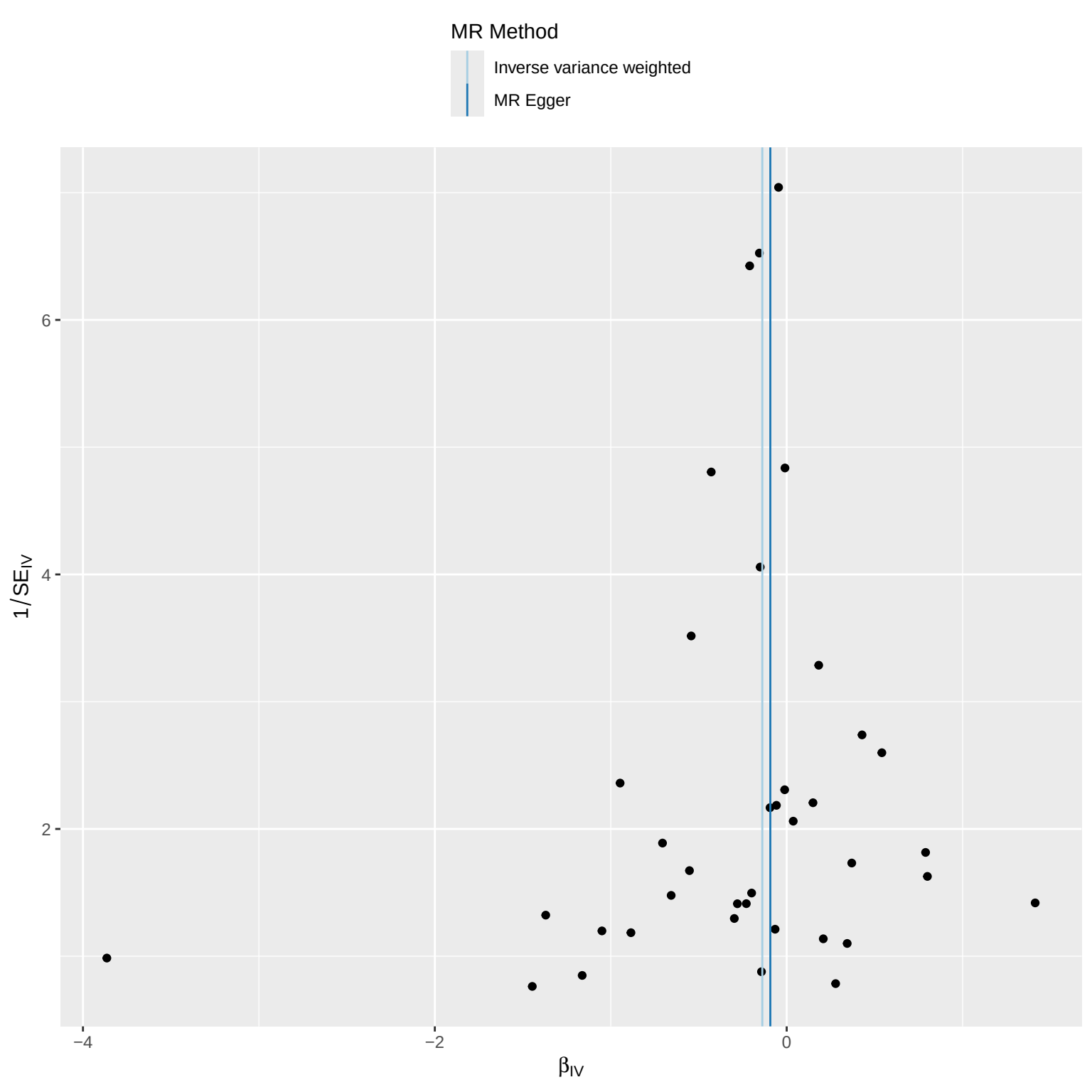

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.00
0.25
0.50
0.75
1.00
1.25
β_IV

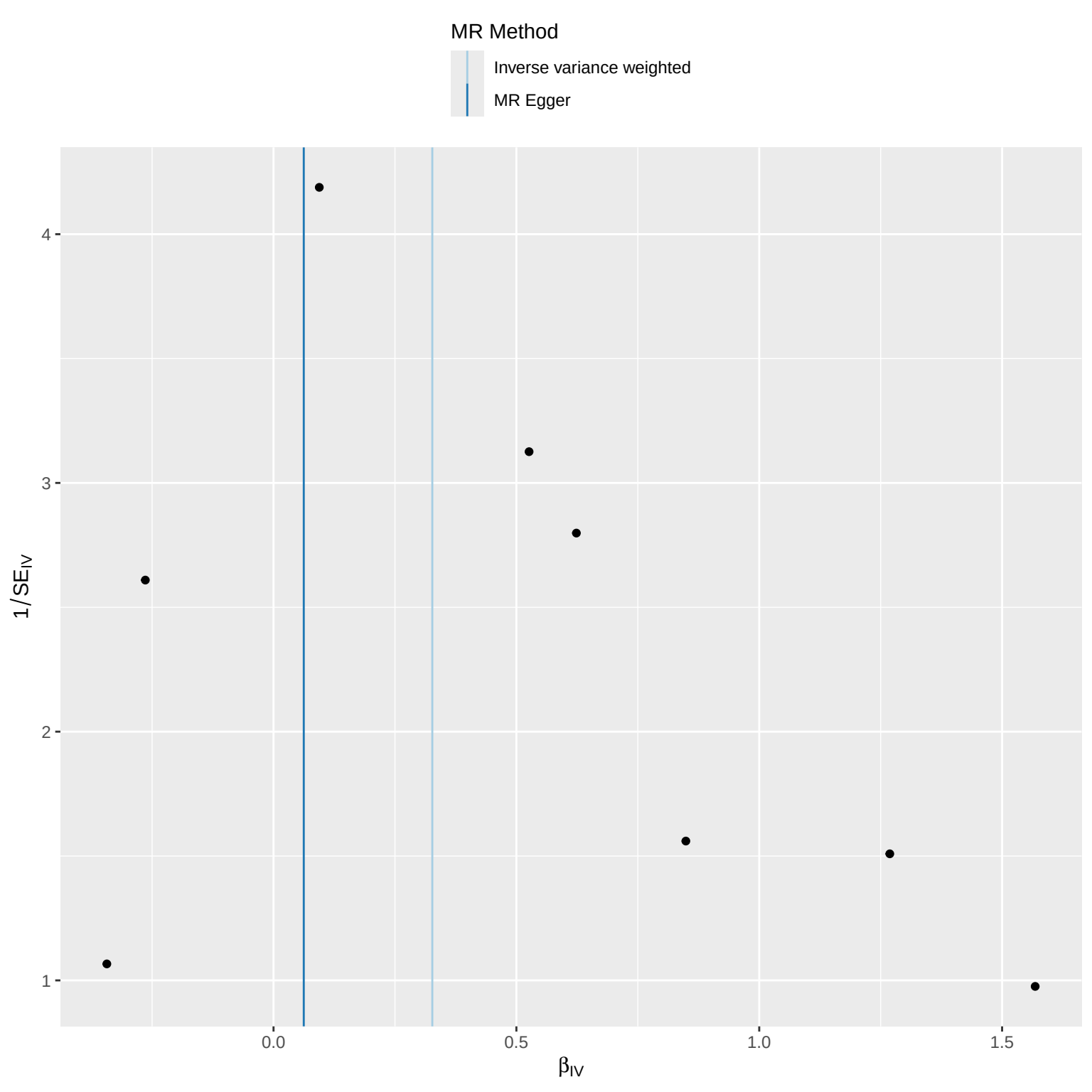

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

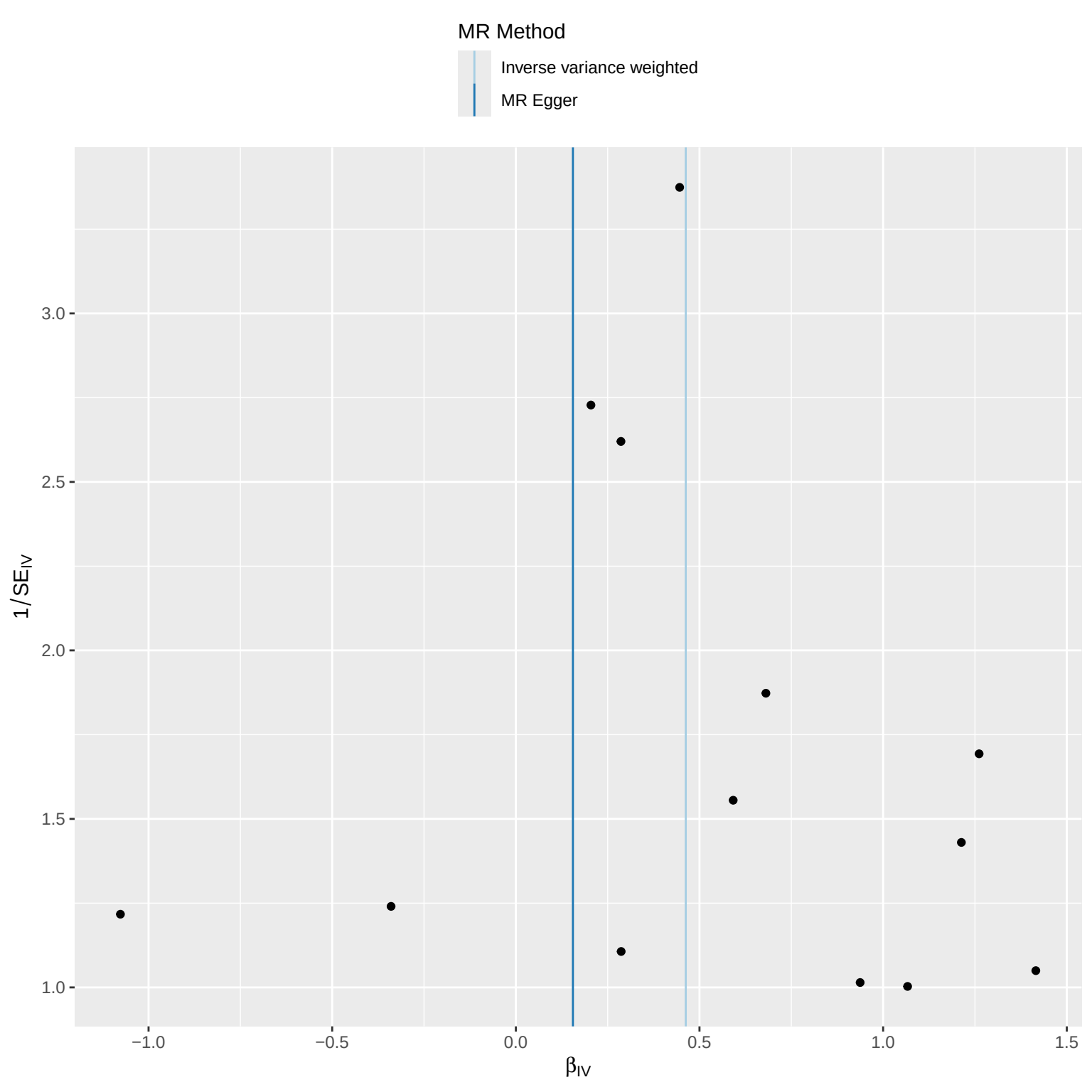

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

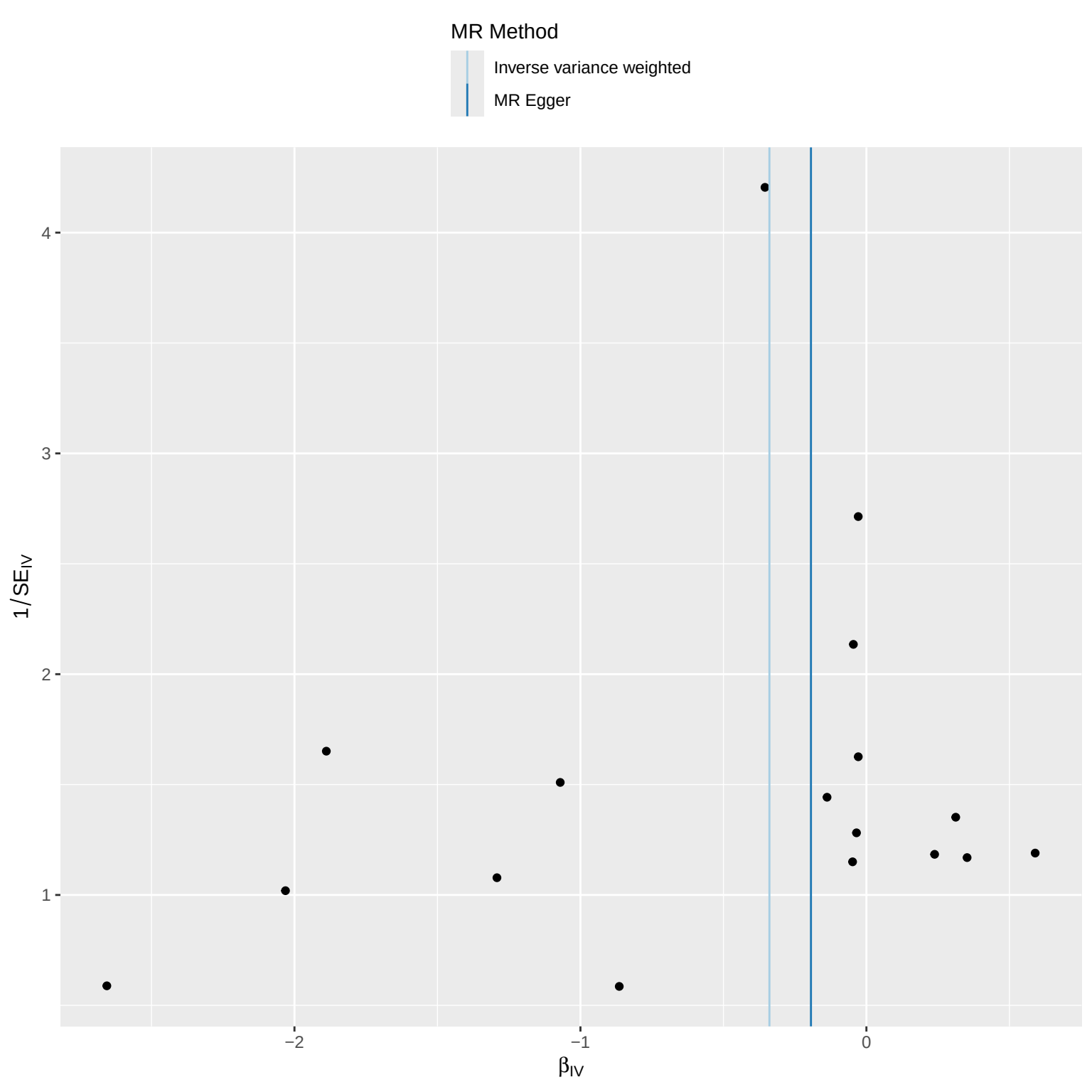

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

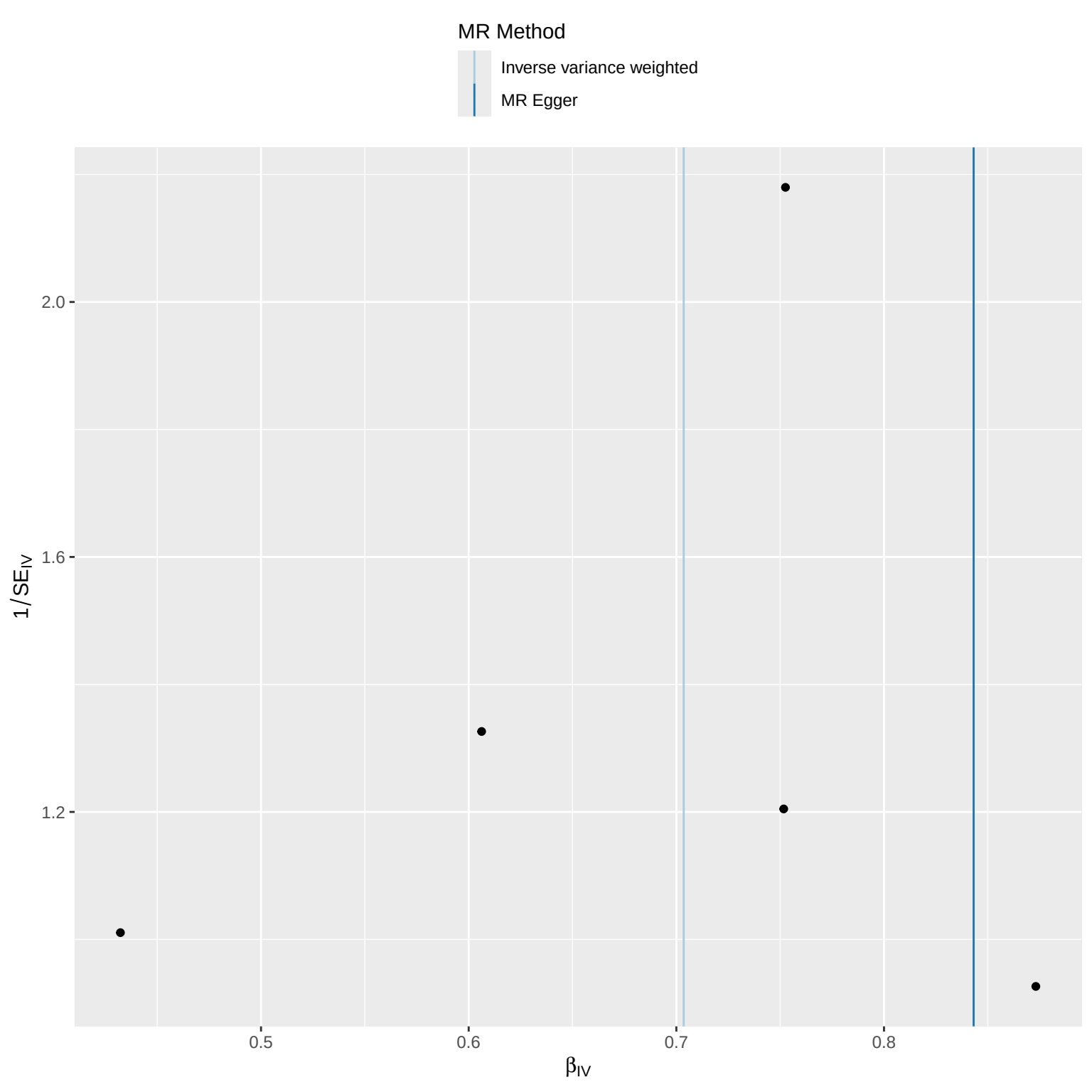

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

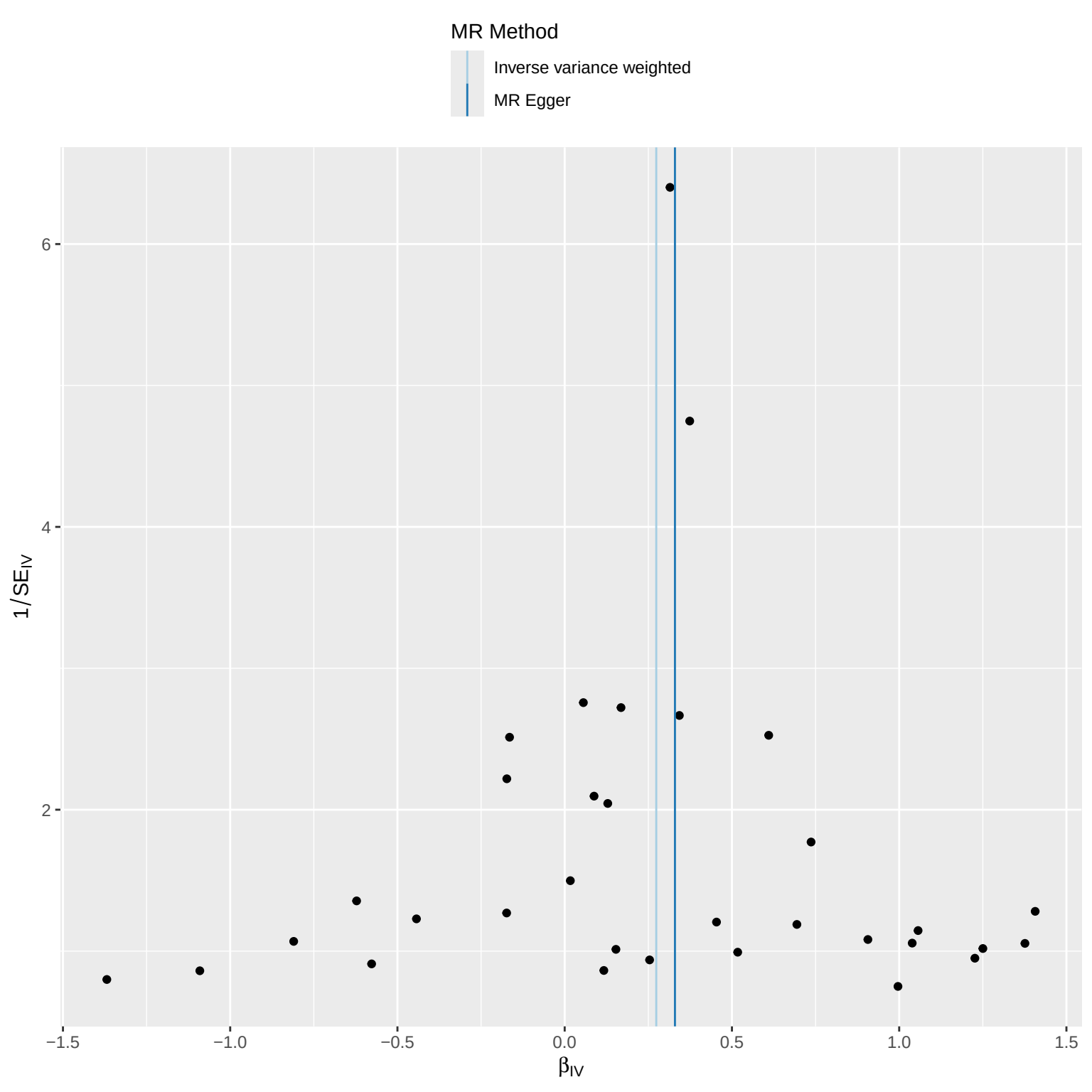

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
β_IV

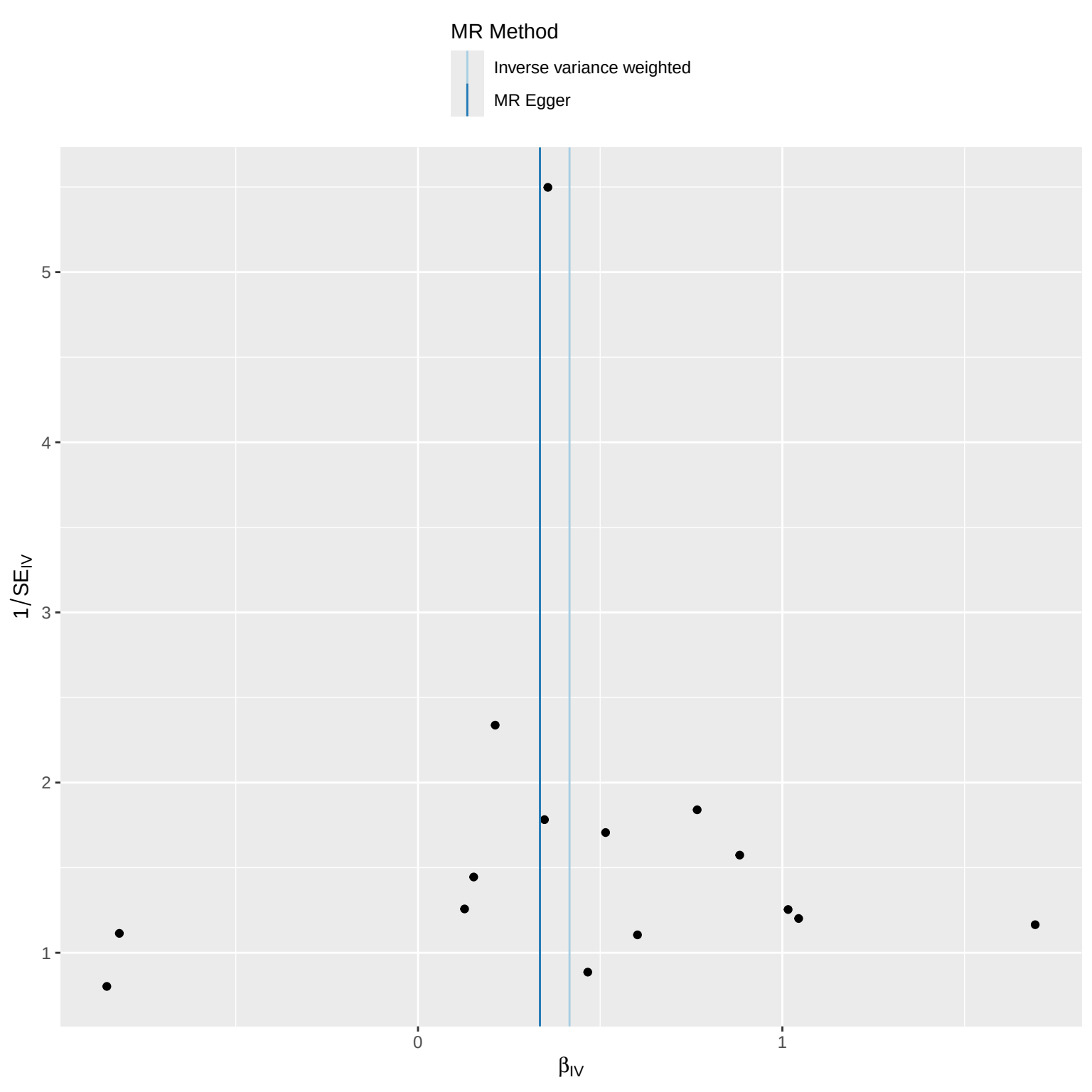

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

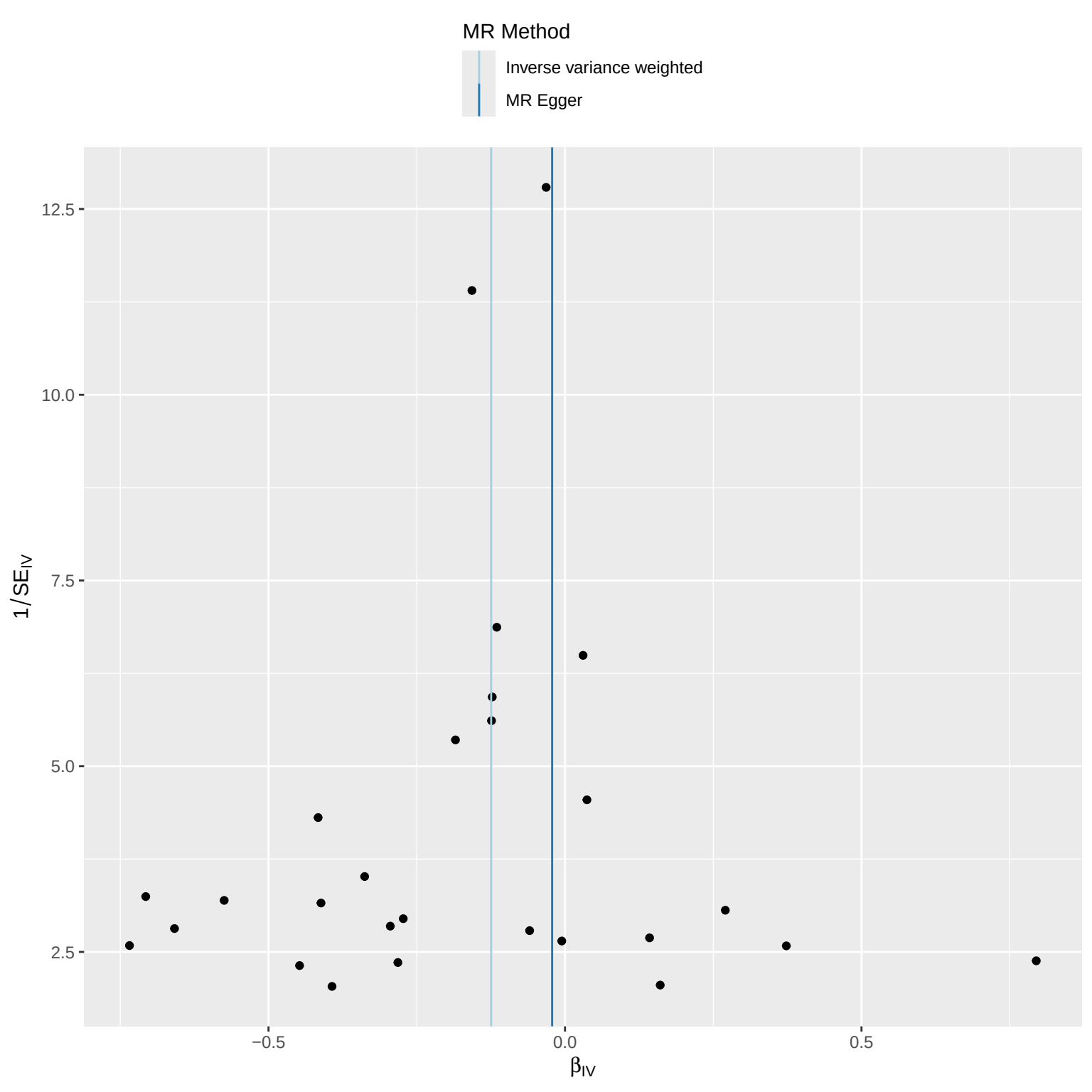

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

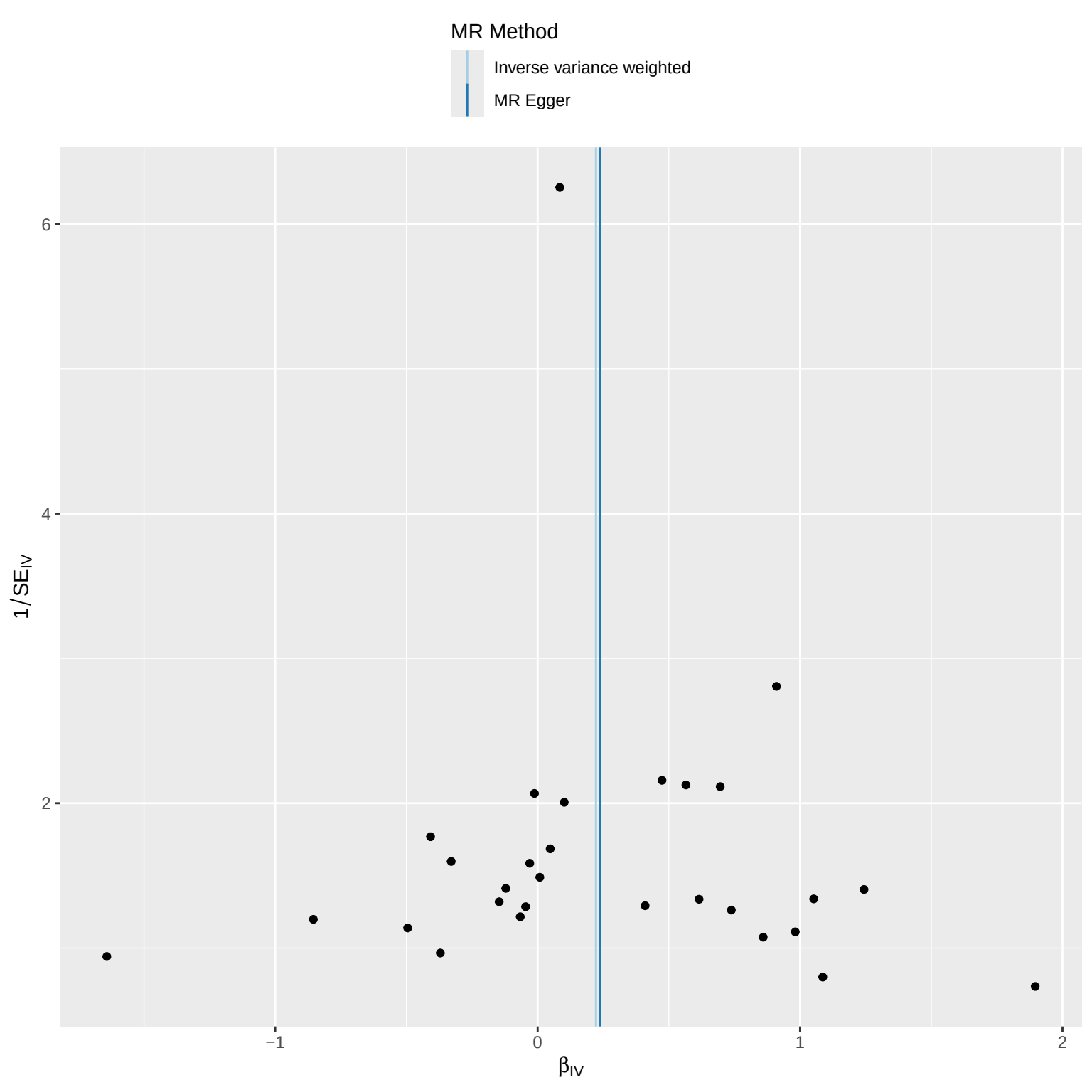

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

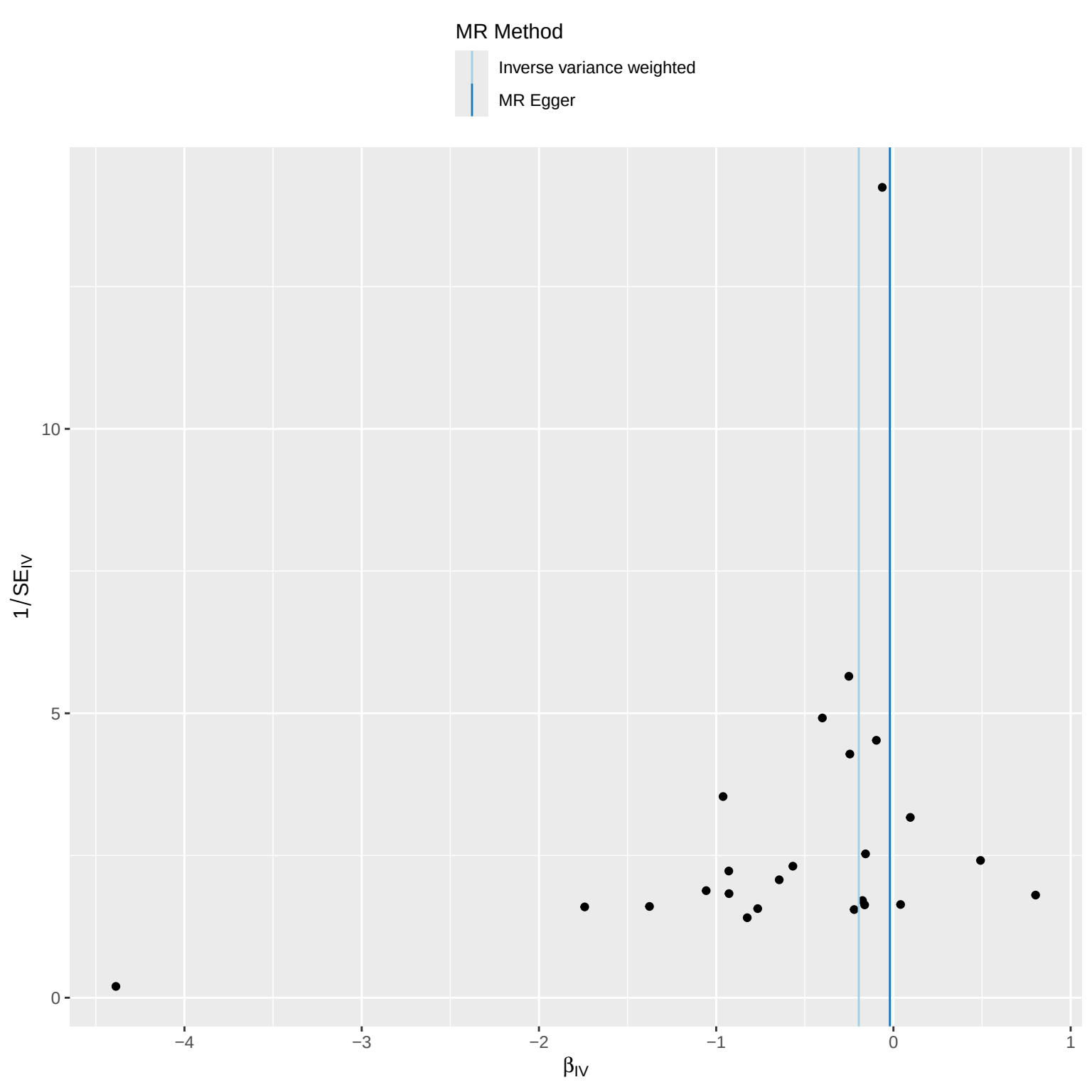

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
0.5
0.6
0.7
0.8
β_IV

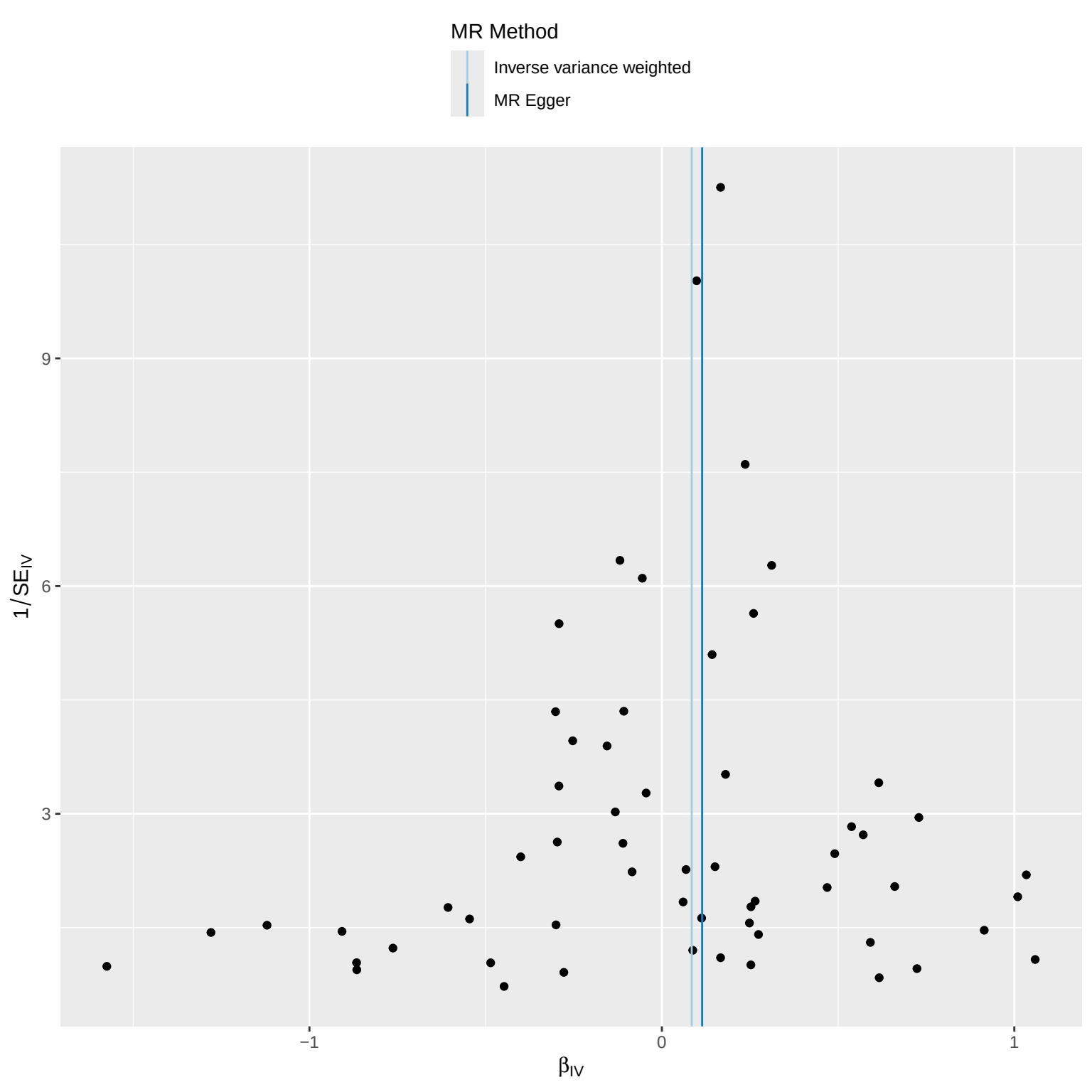

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

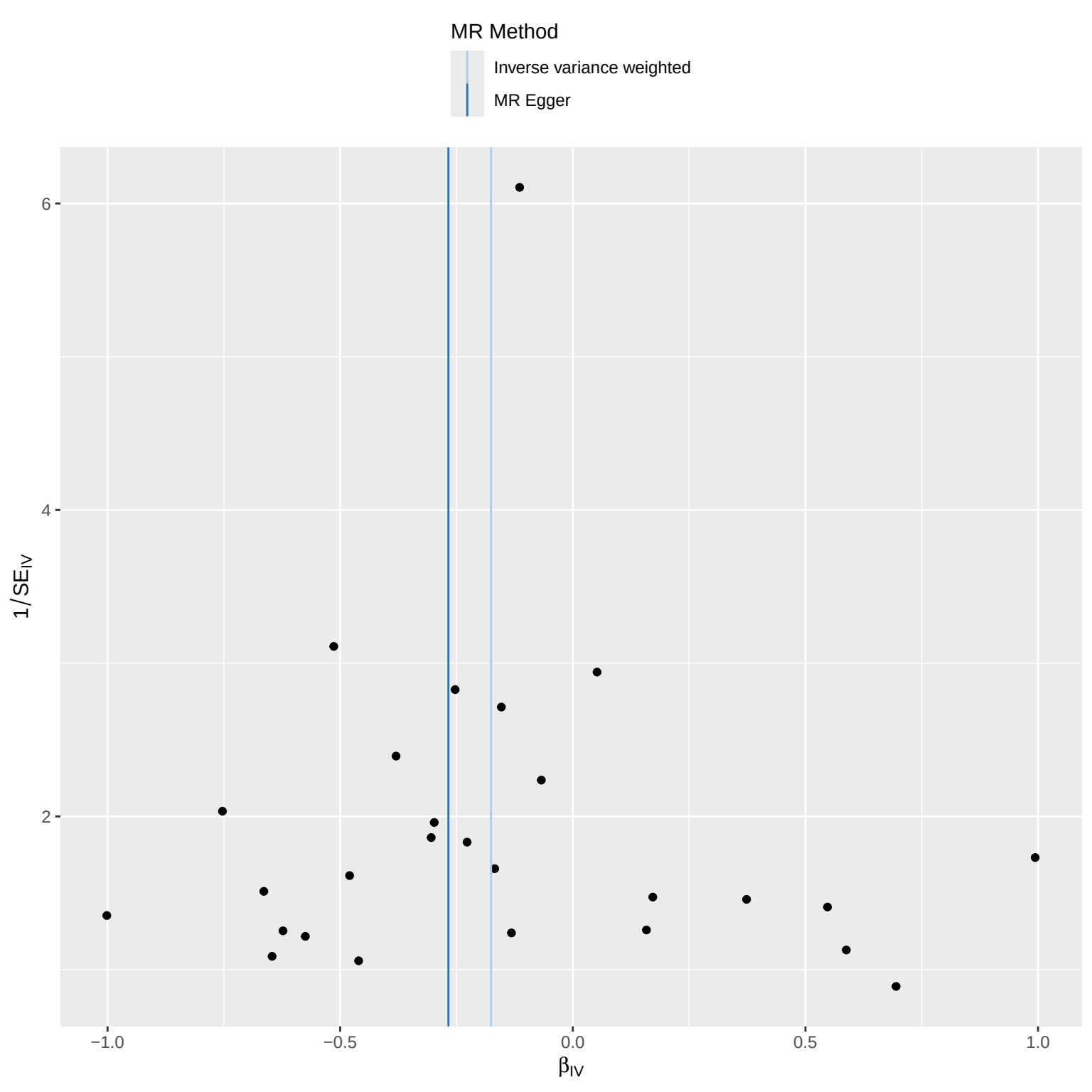

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
$1/SE_{IV}$
0
1
β_{IV}

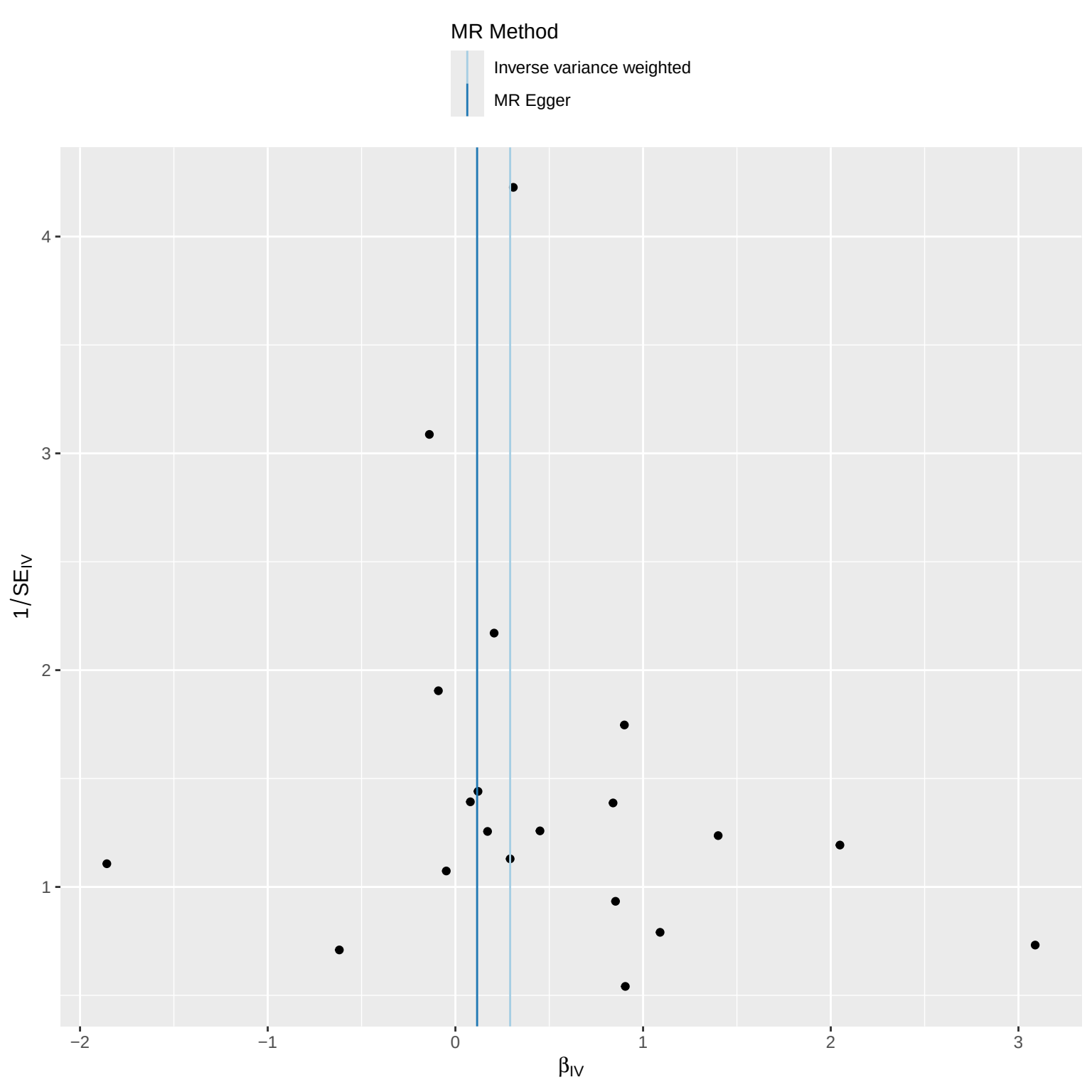

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

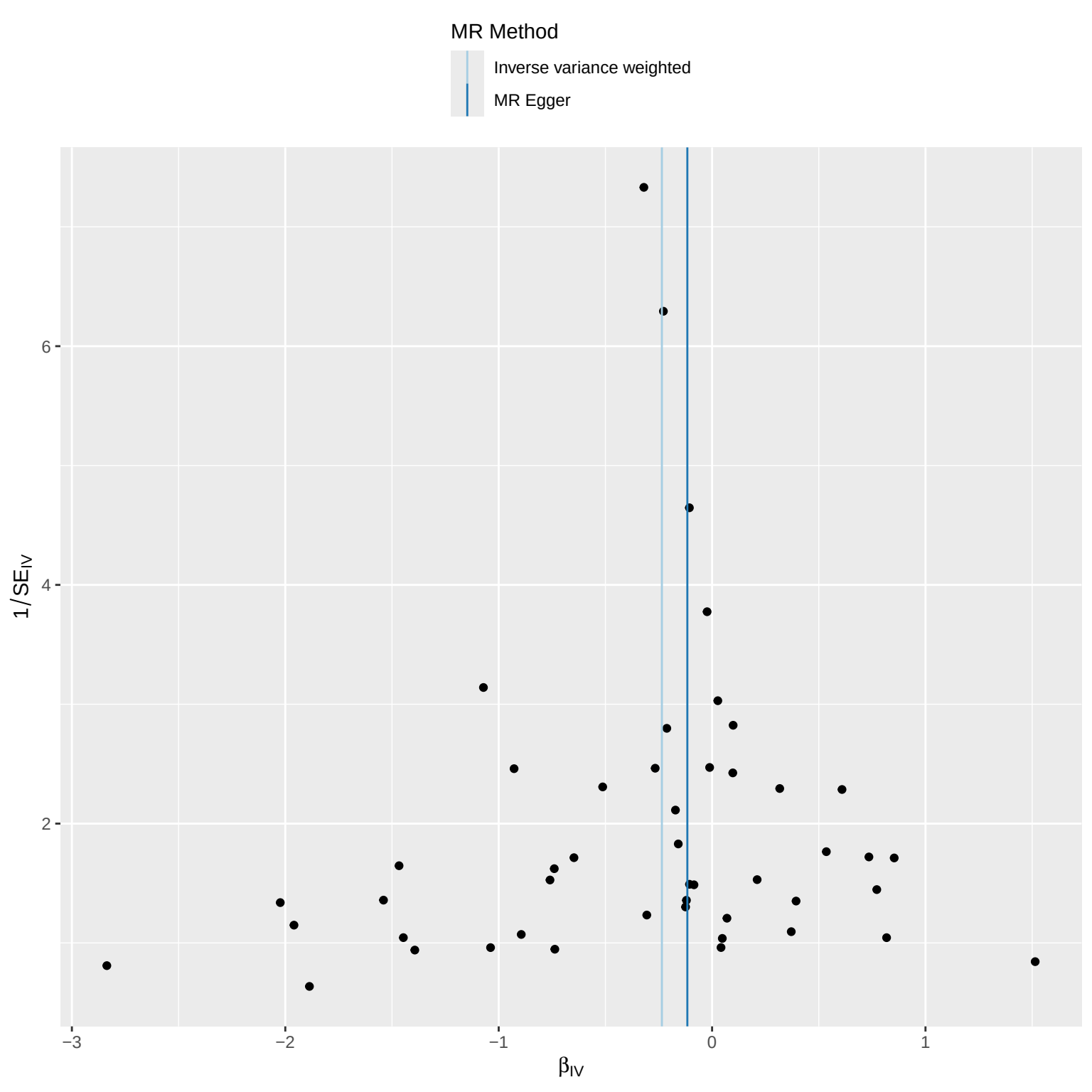

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

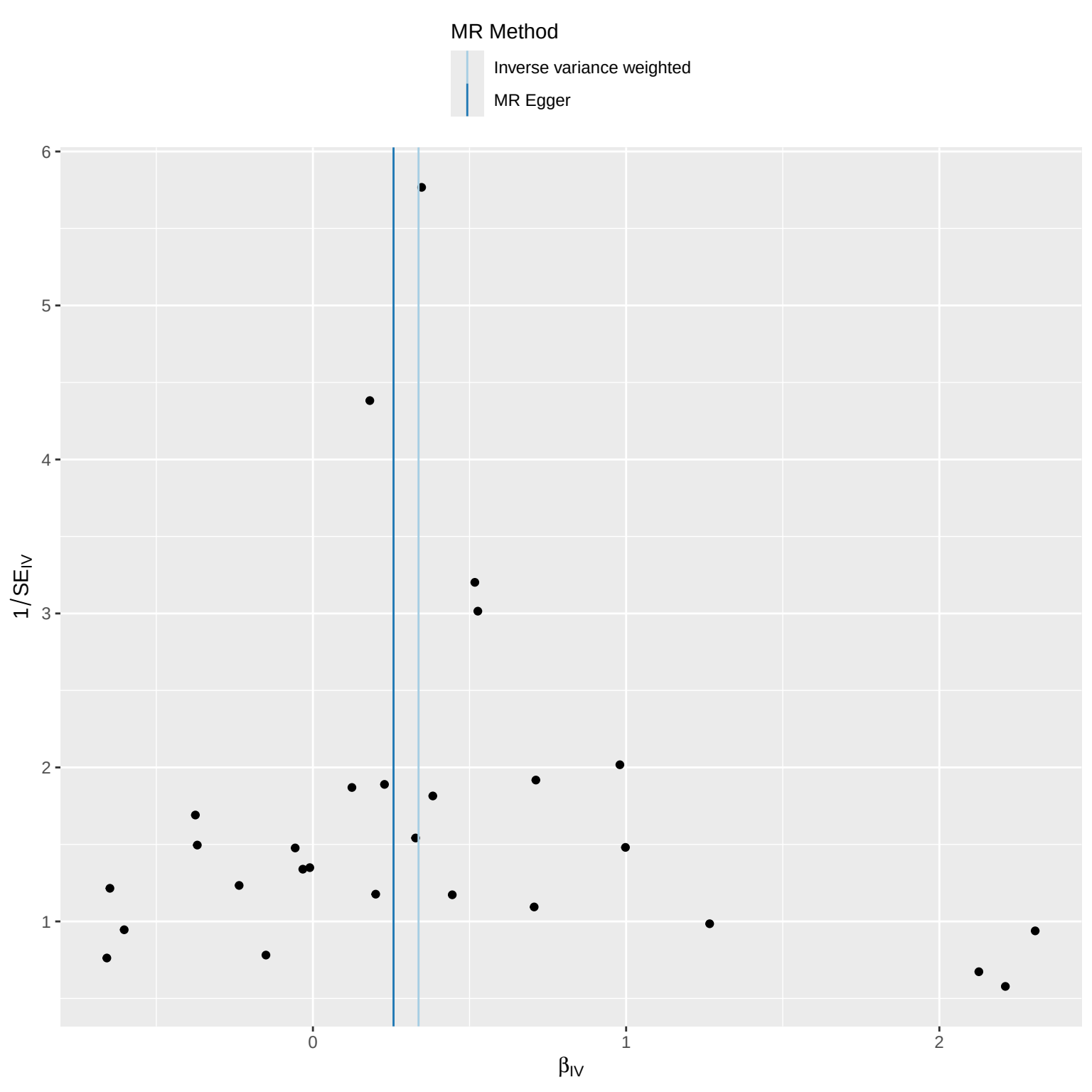

MR Method
Inverse variance weighted
MR Egger
10
5
0
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

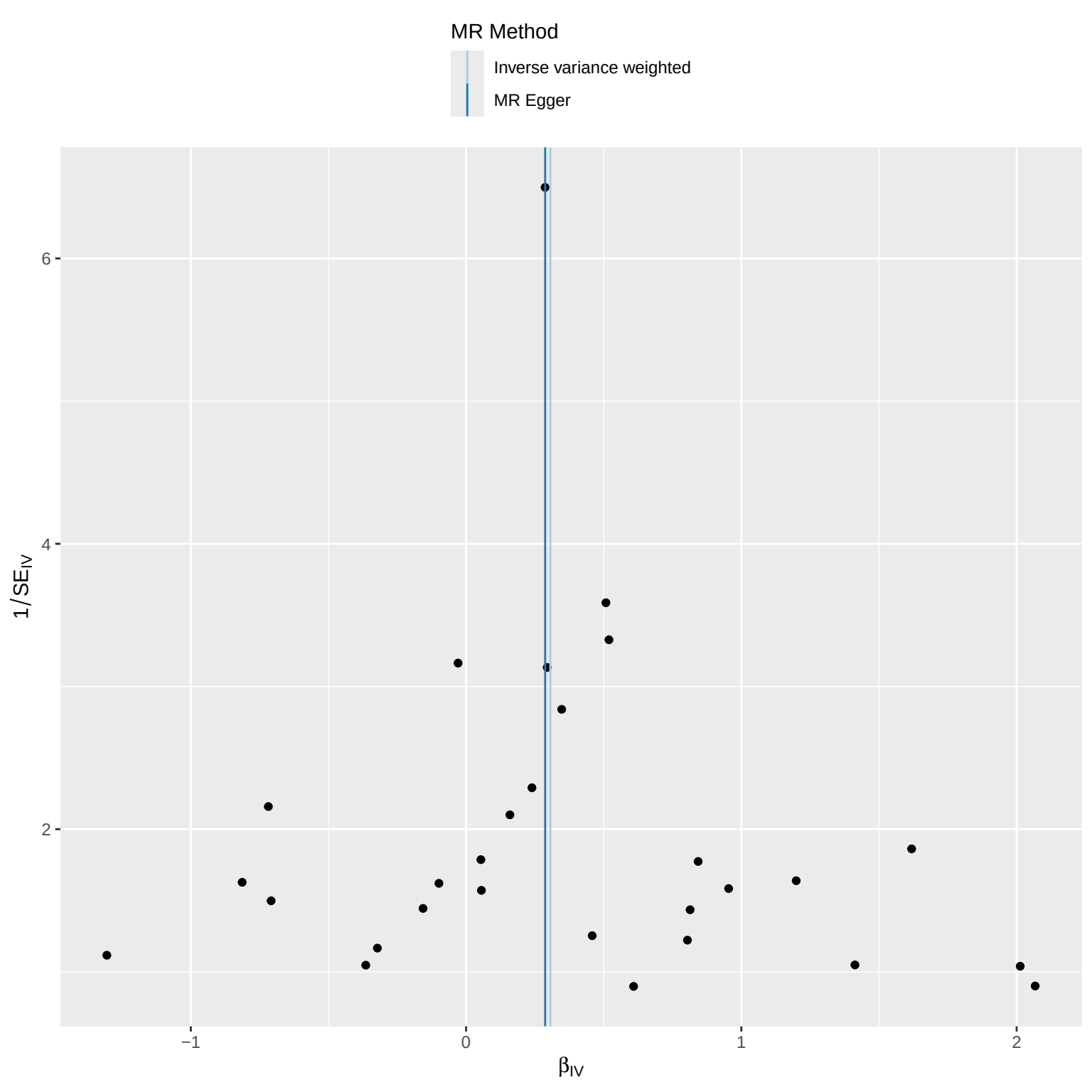

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1
0
1
β_IV

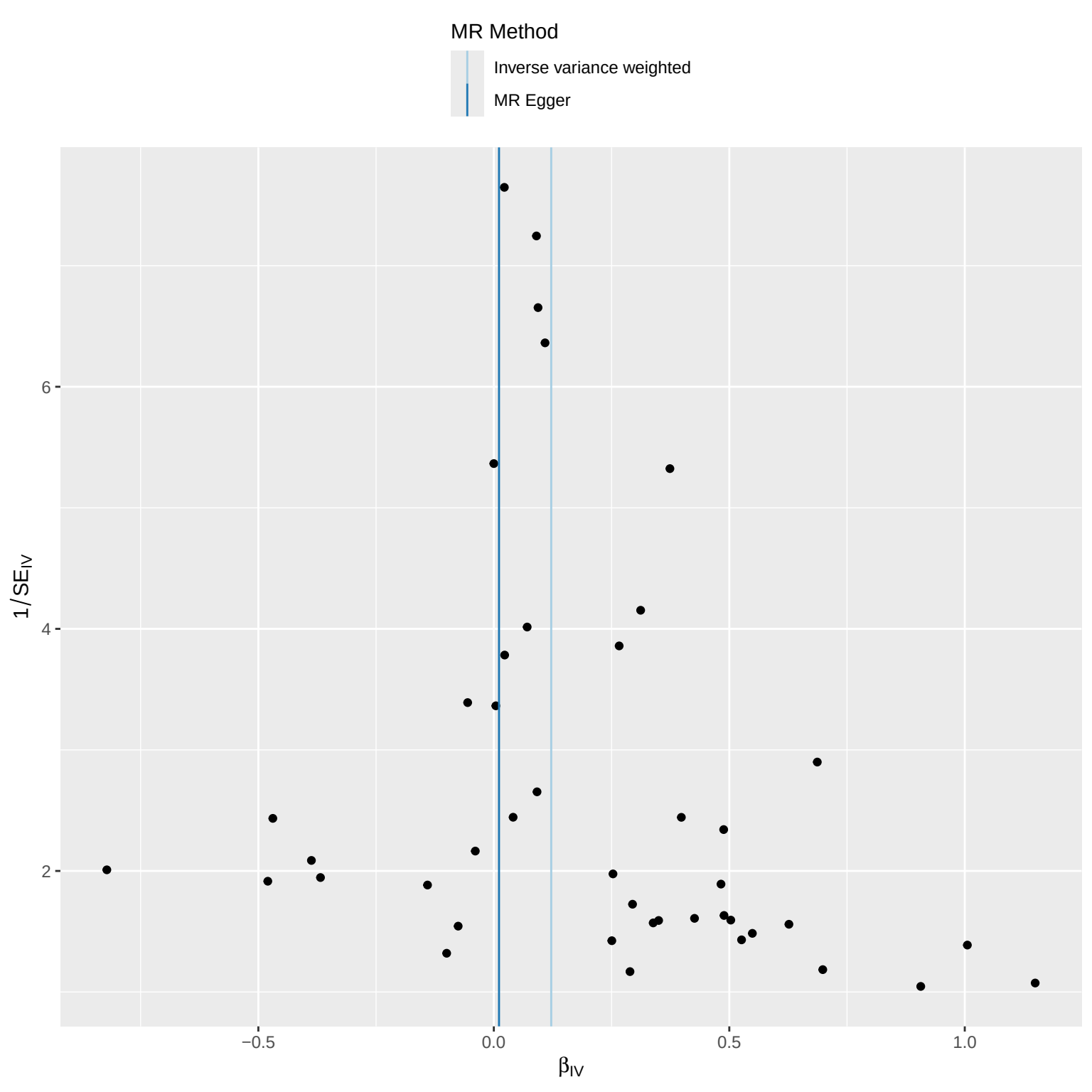

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

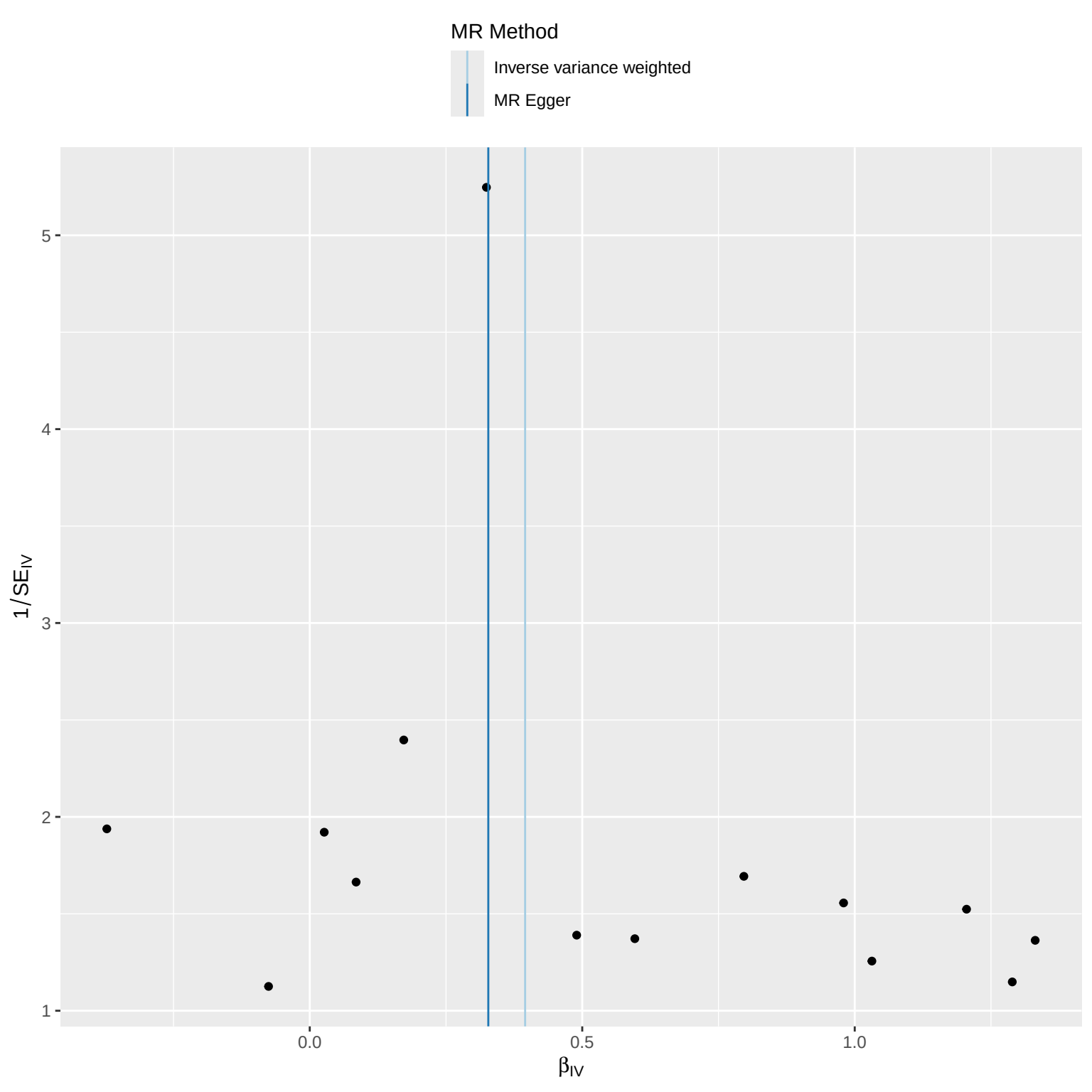

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

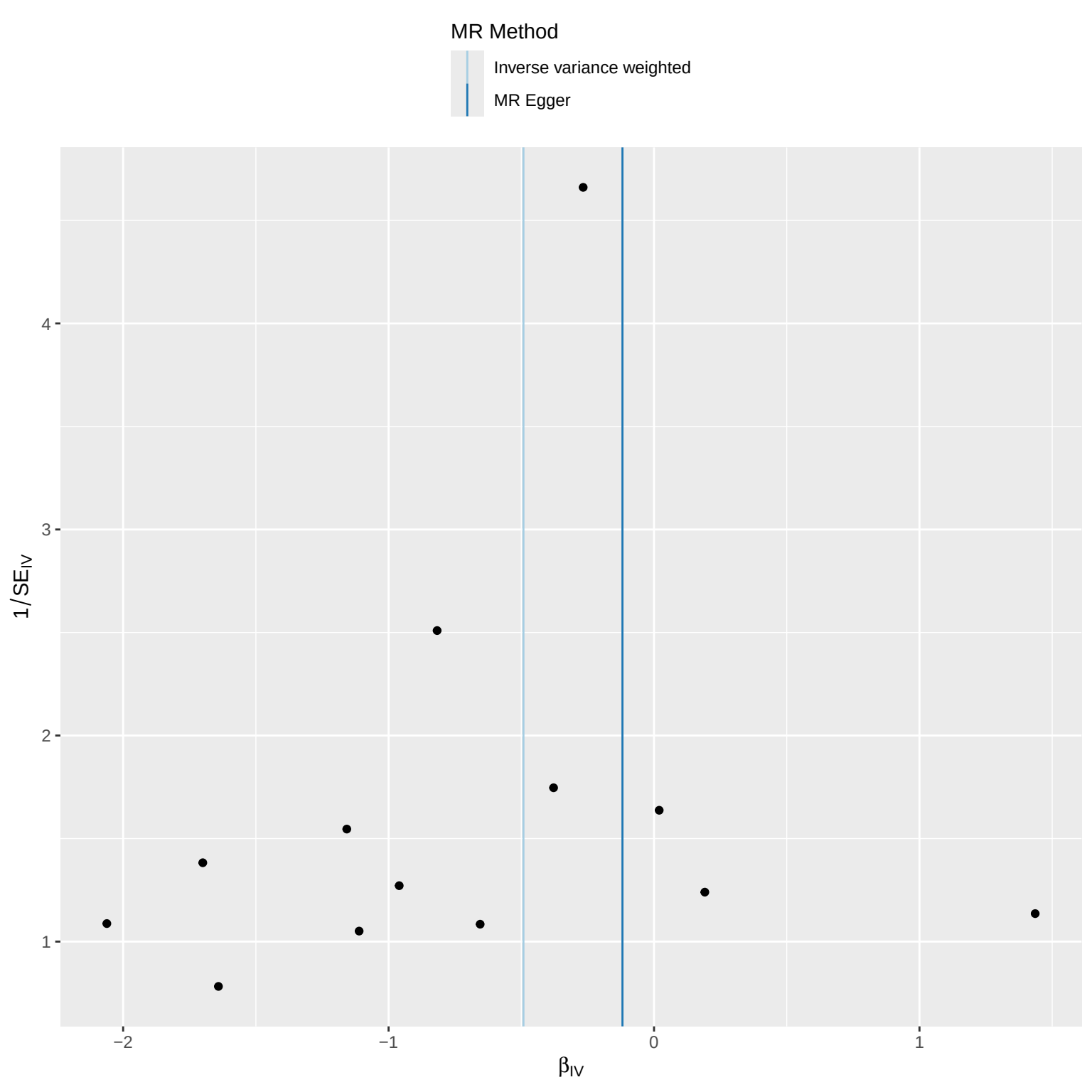

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

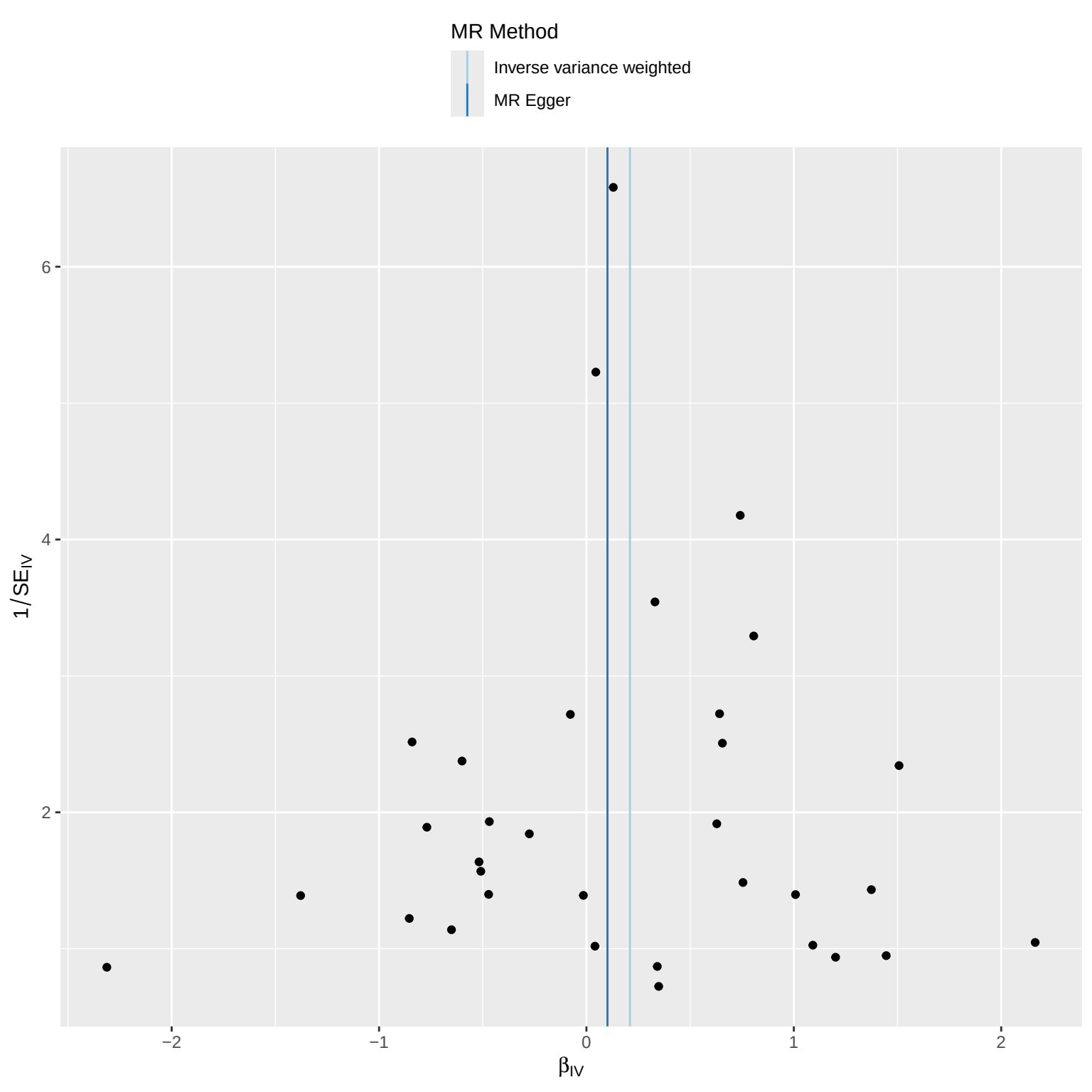

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
0
1
2
1/SE_IV
β_IV

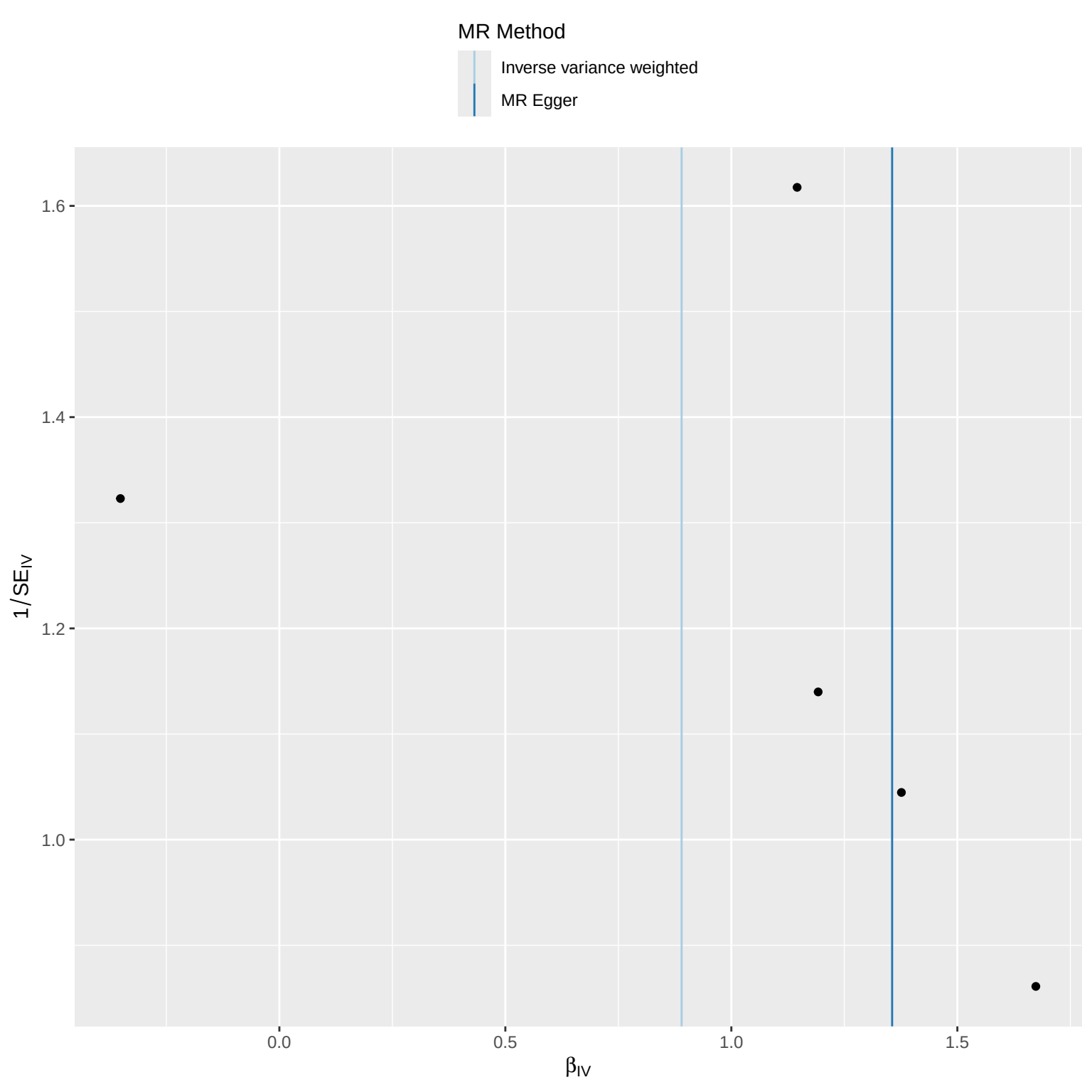

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

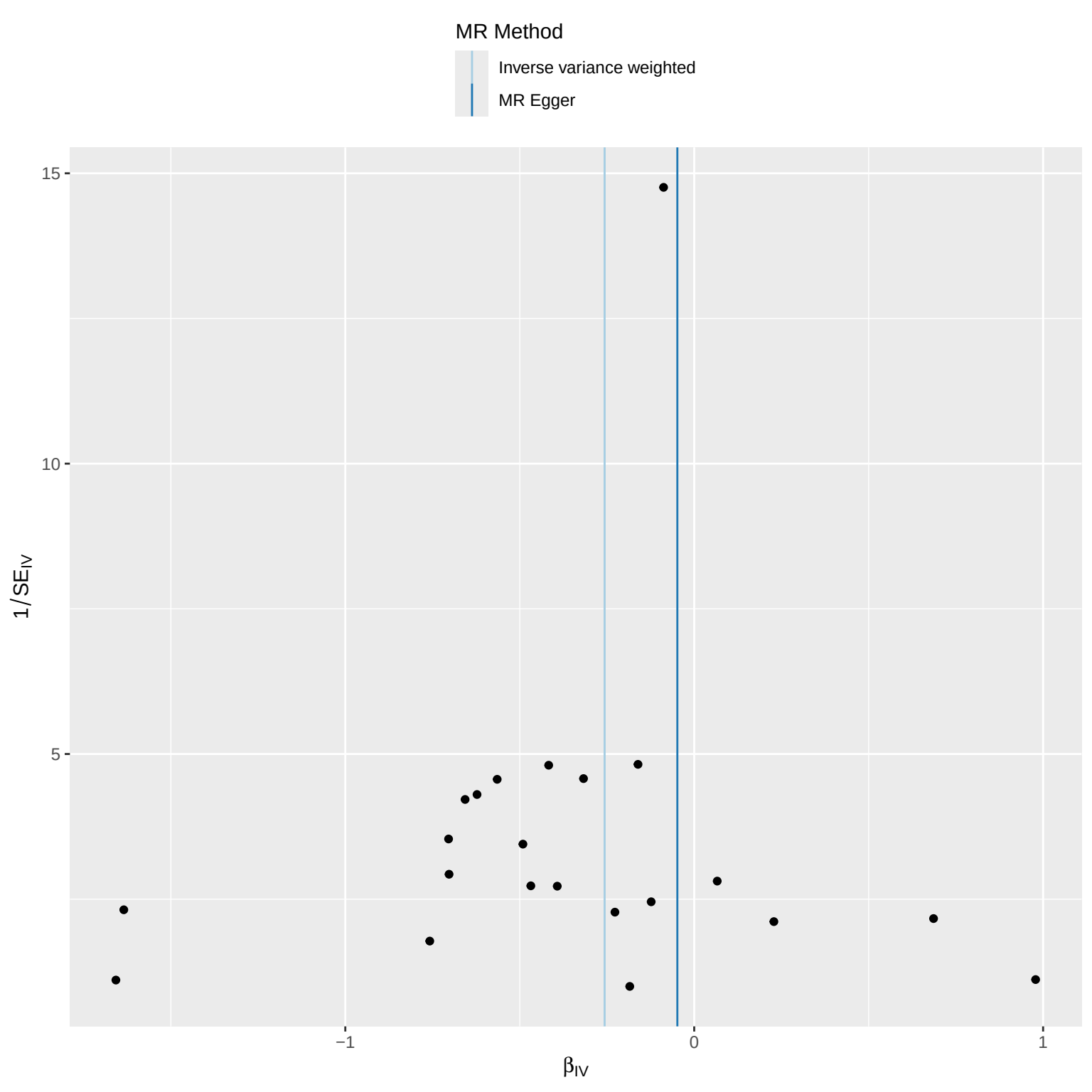

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

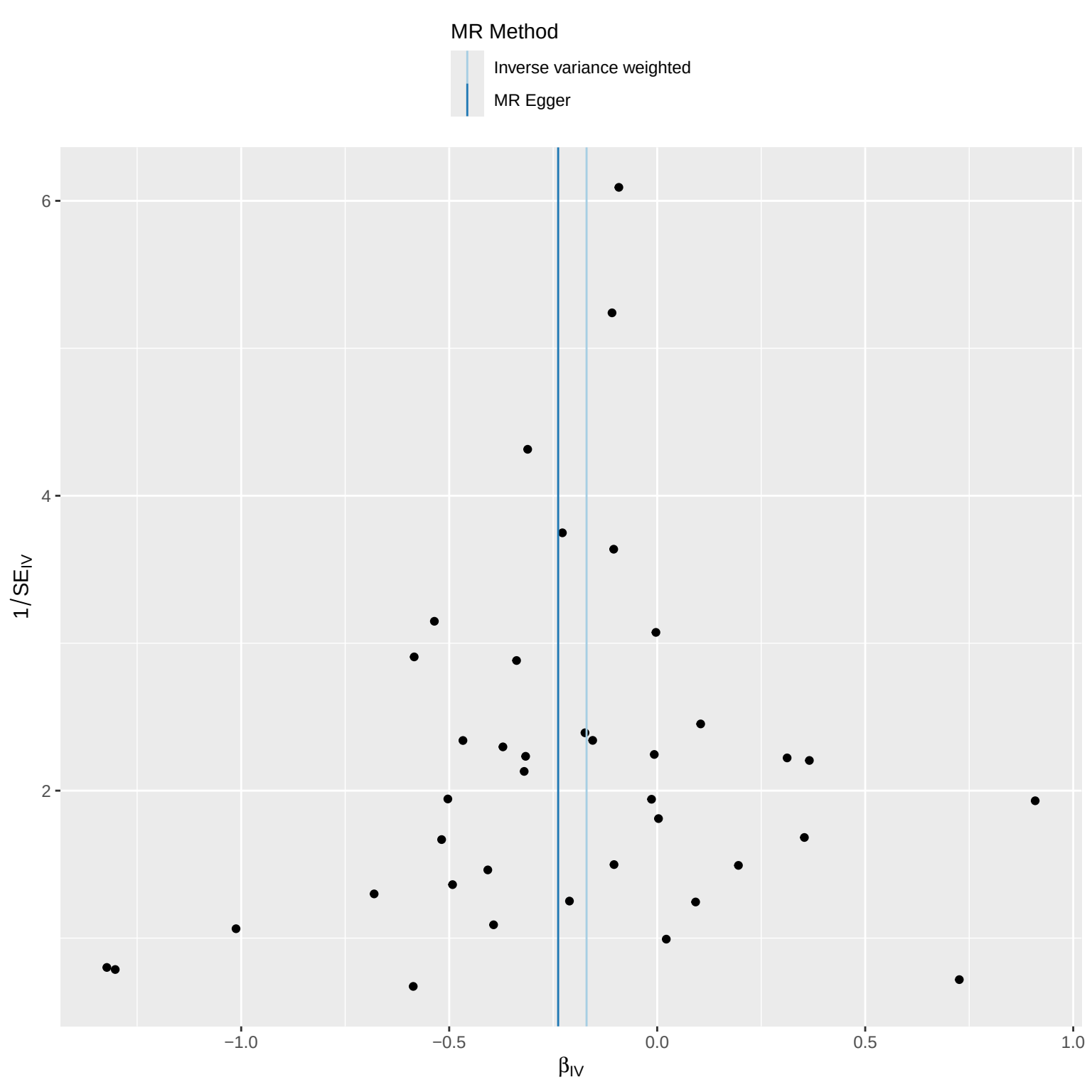

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

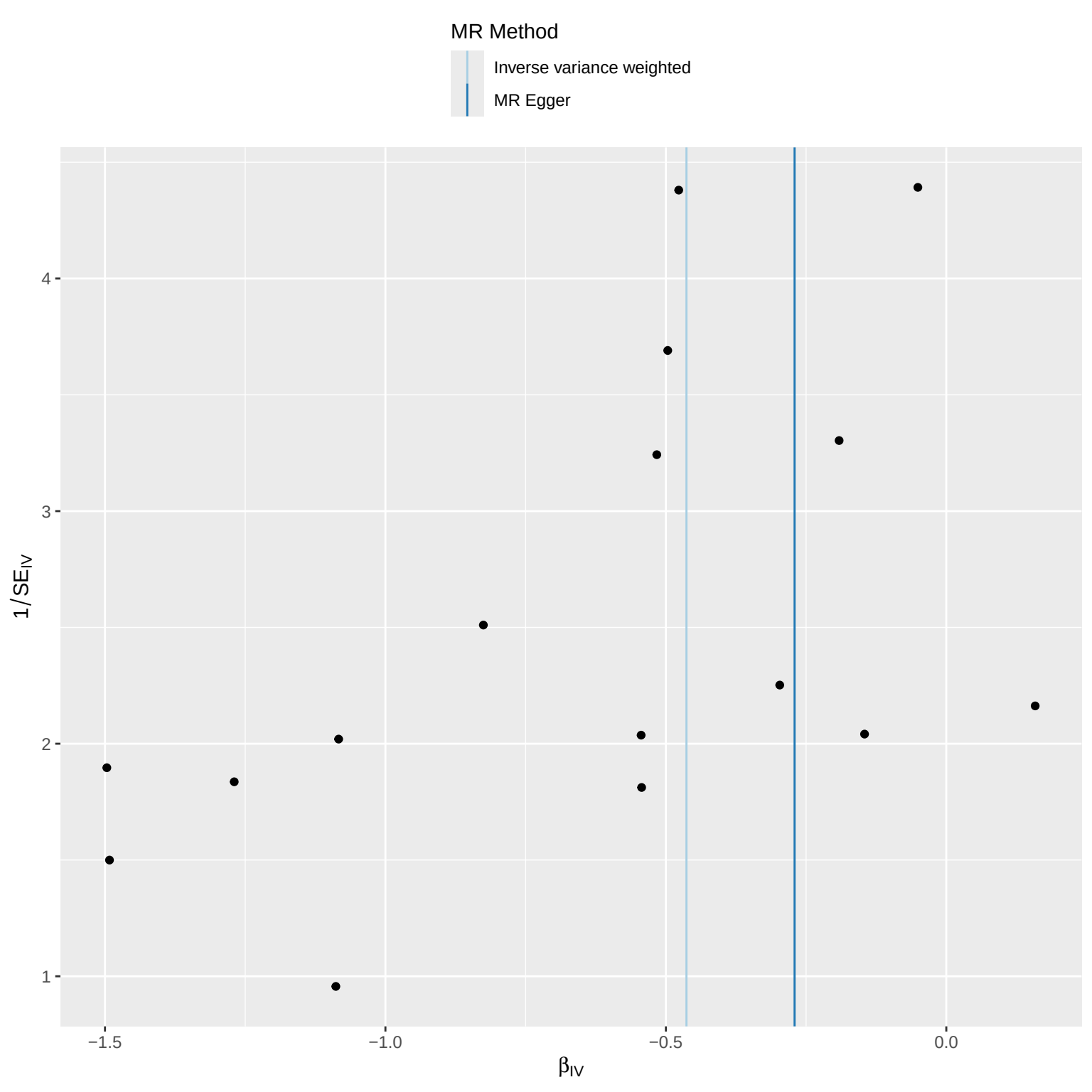

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

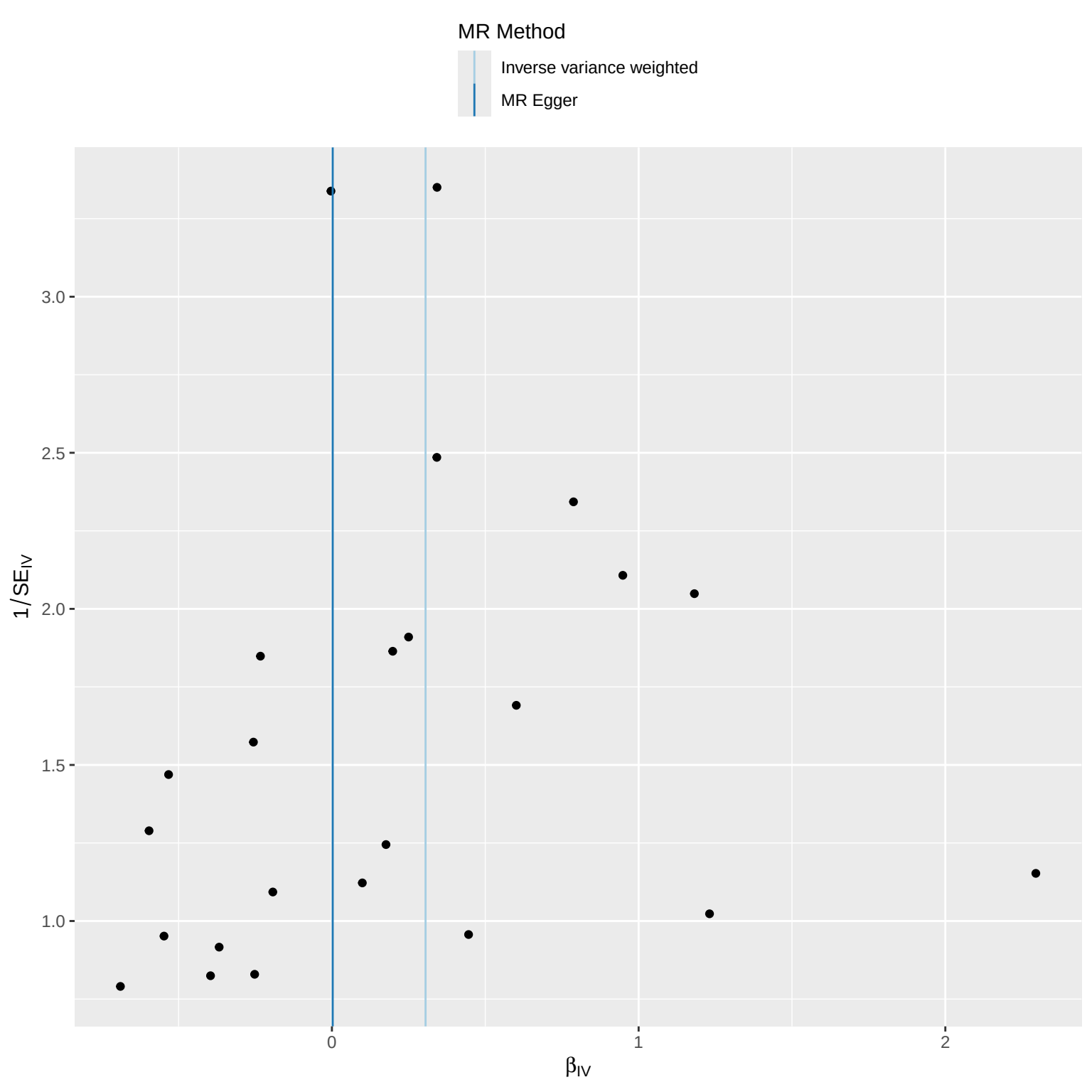

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

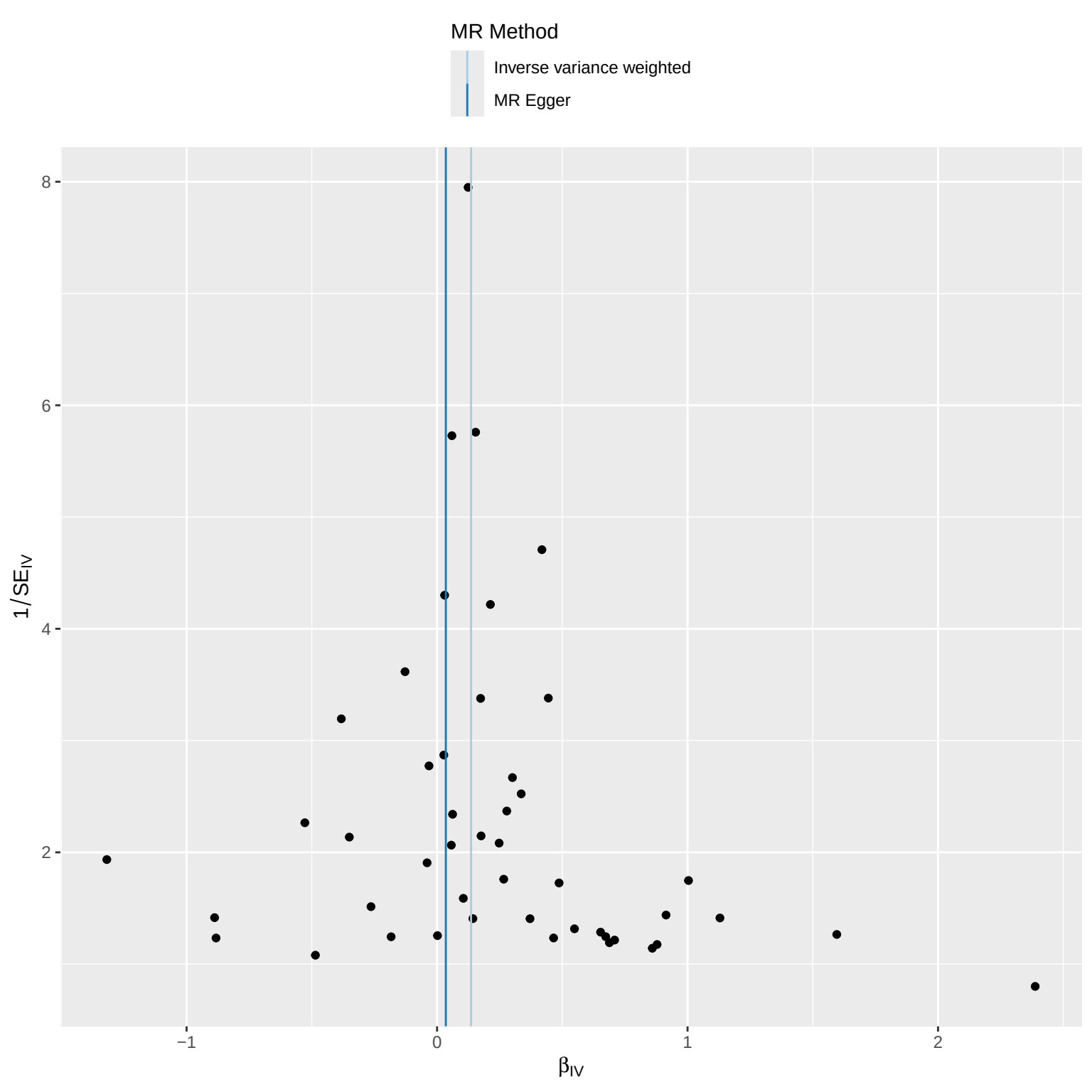

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

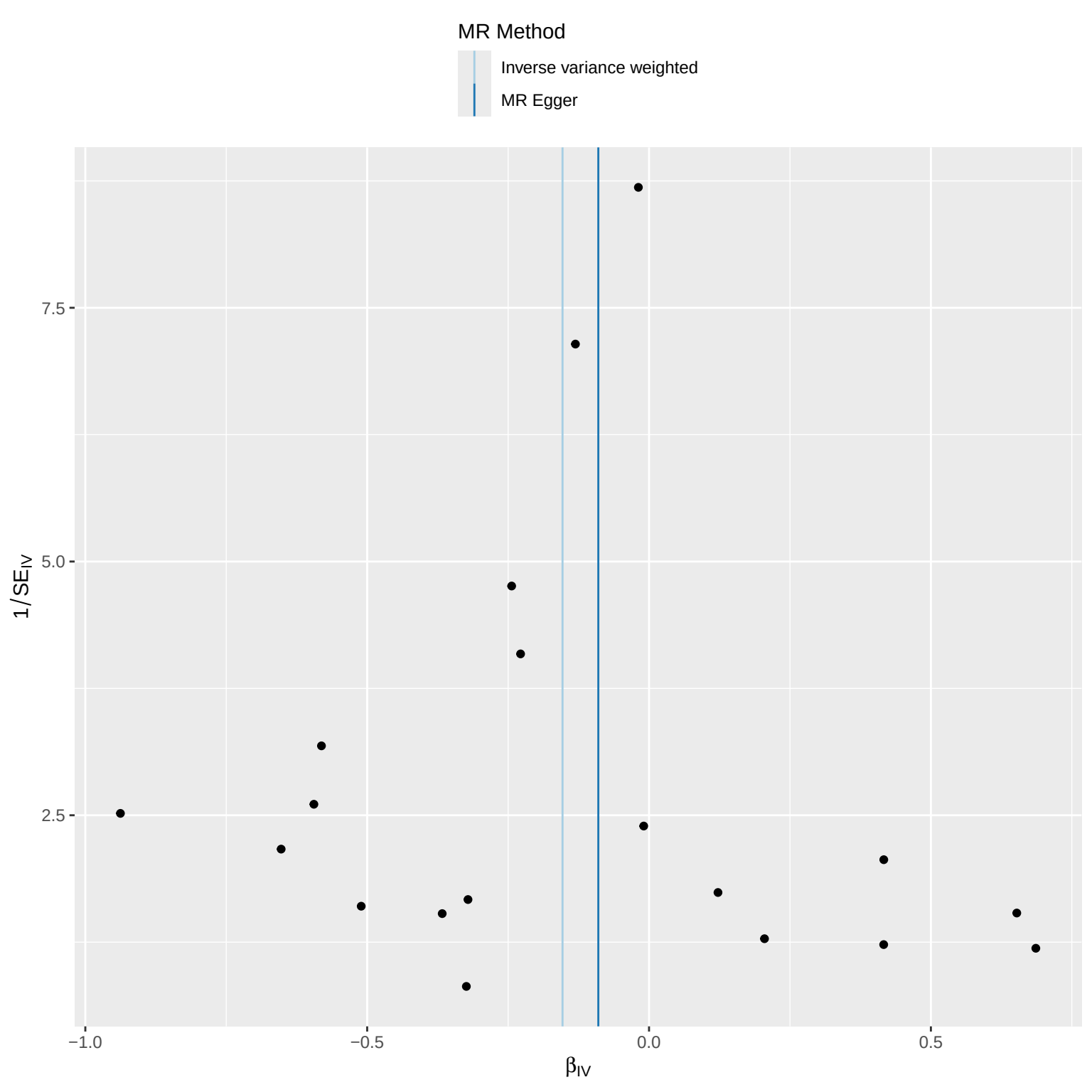

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−1
0
1
β_IV

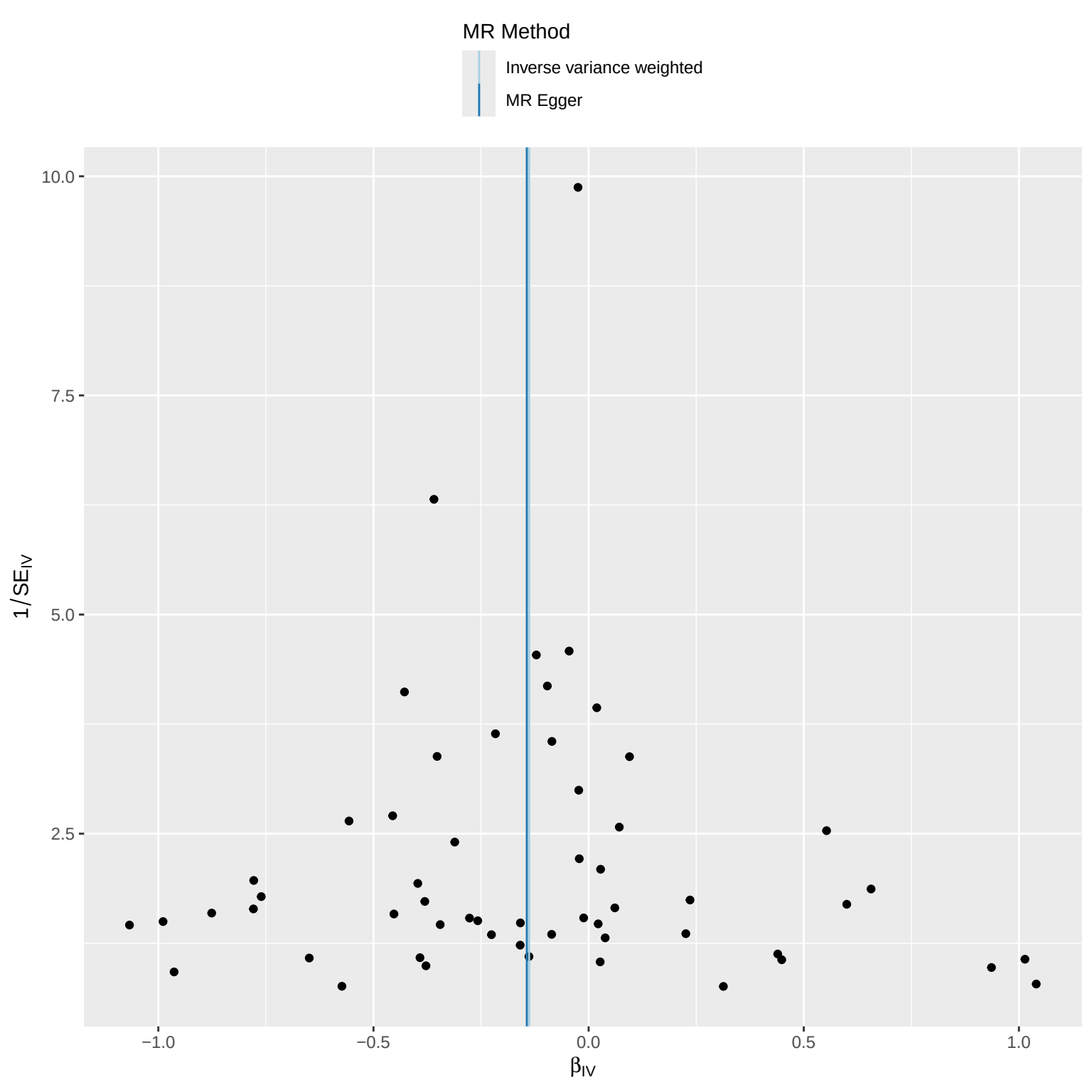

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

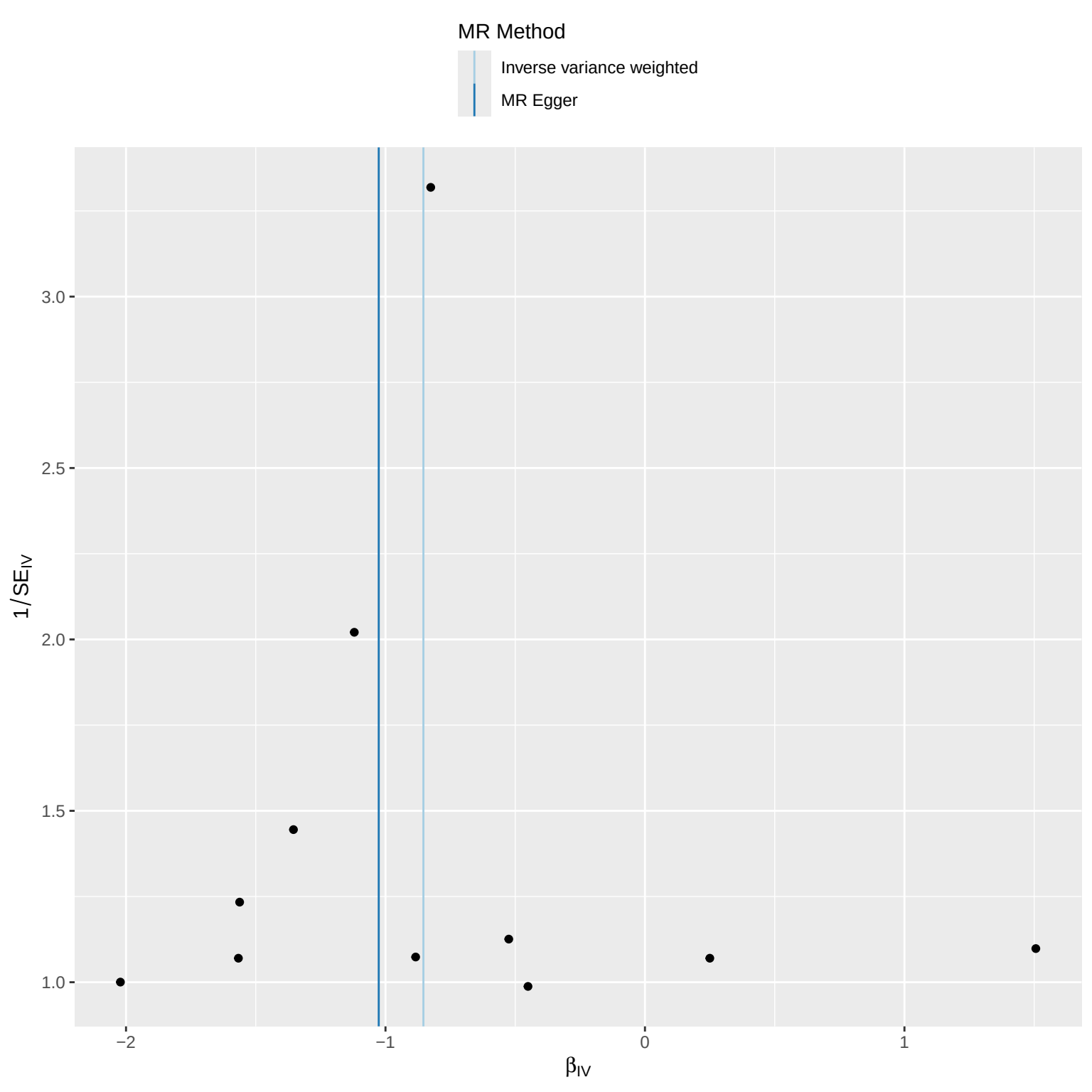

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

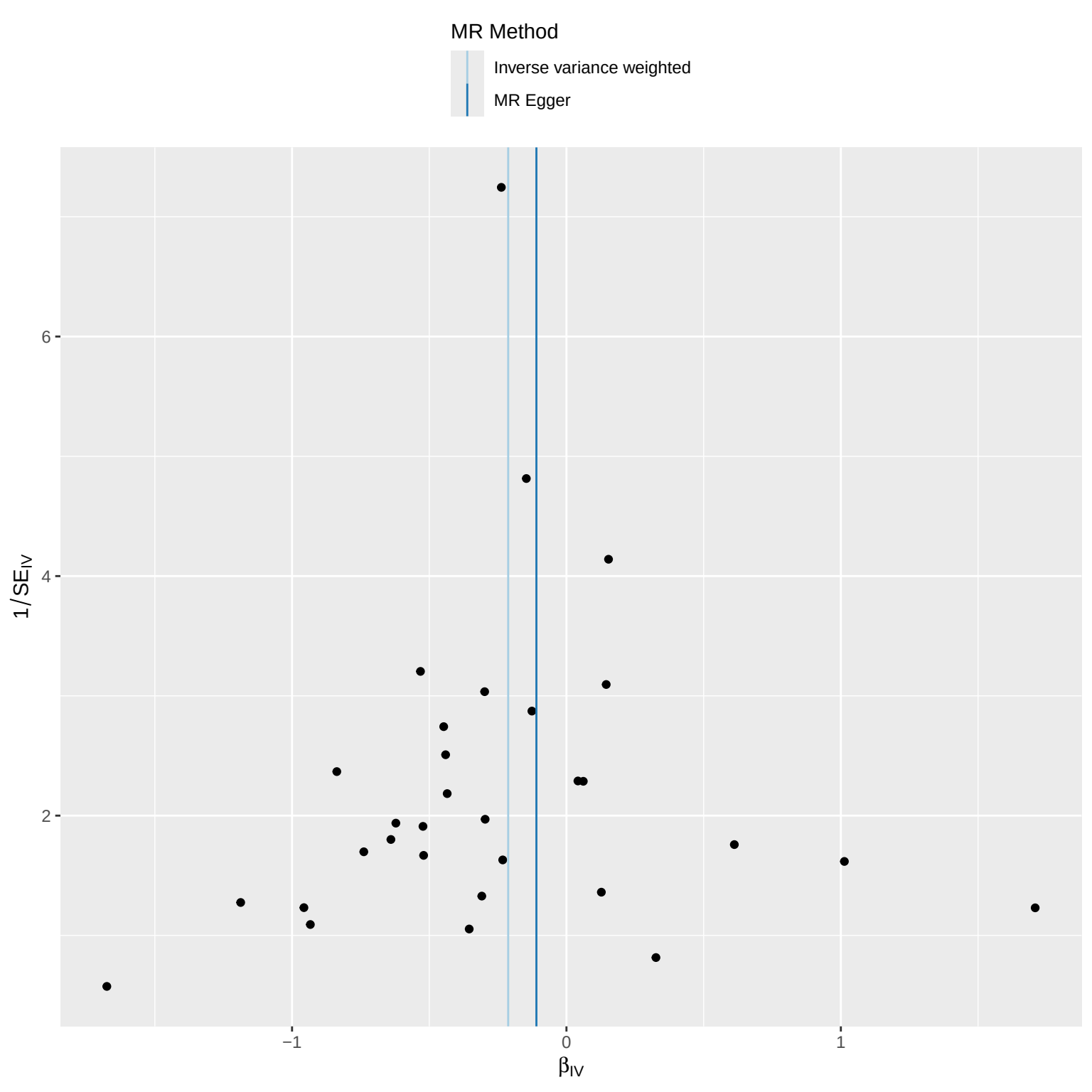

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

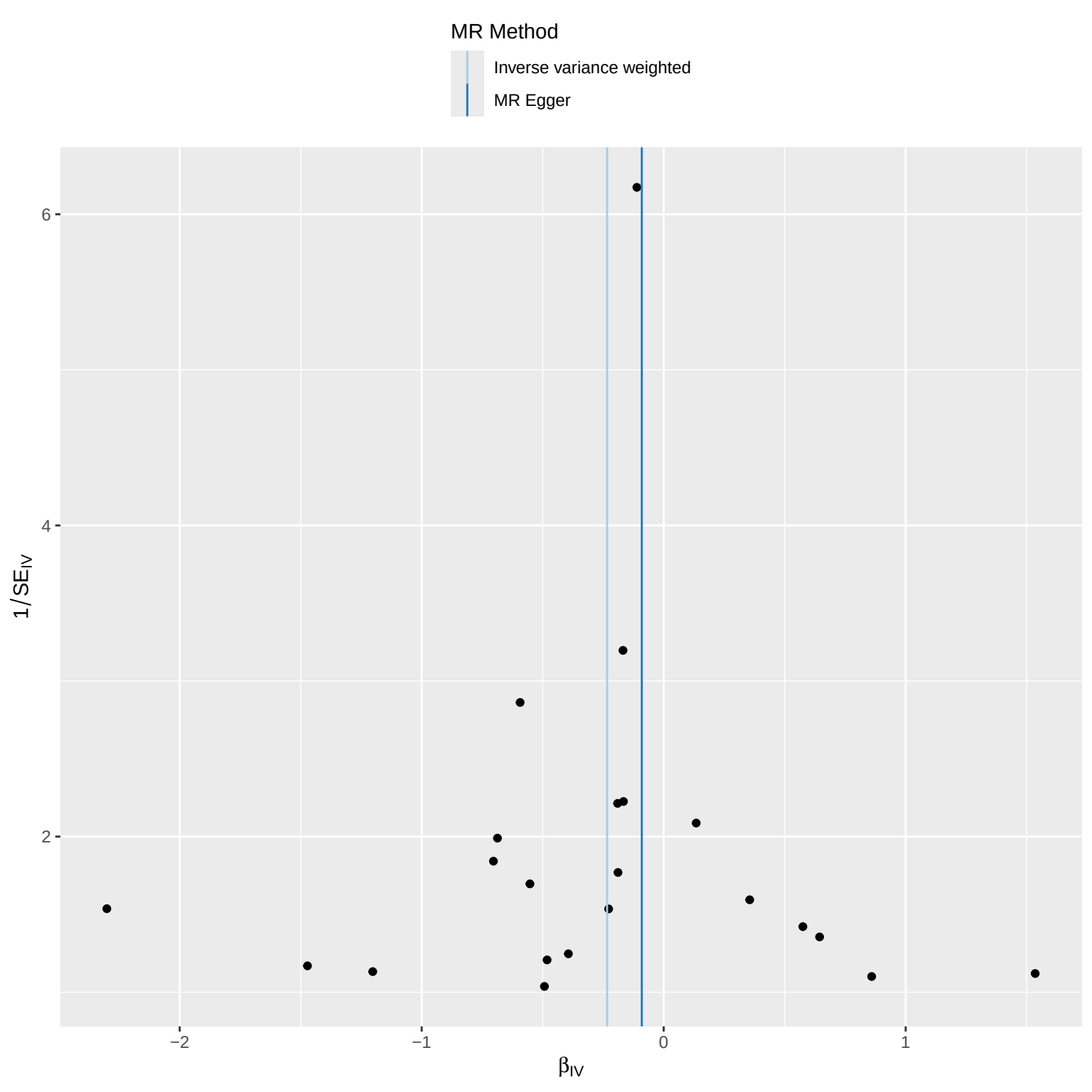

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

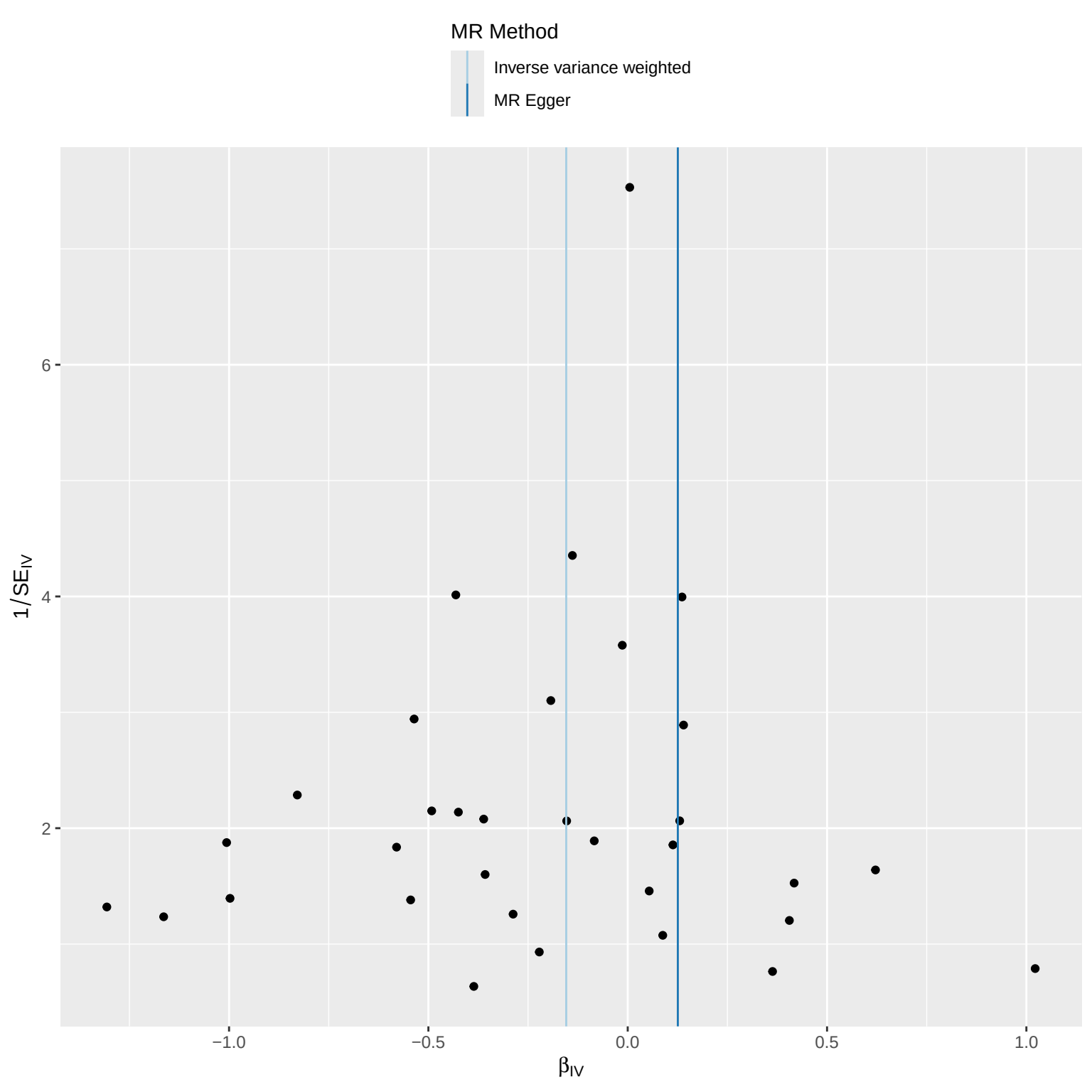

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

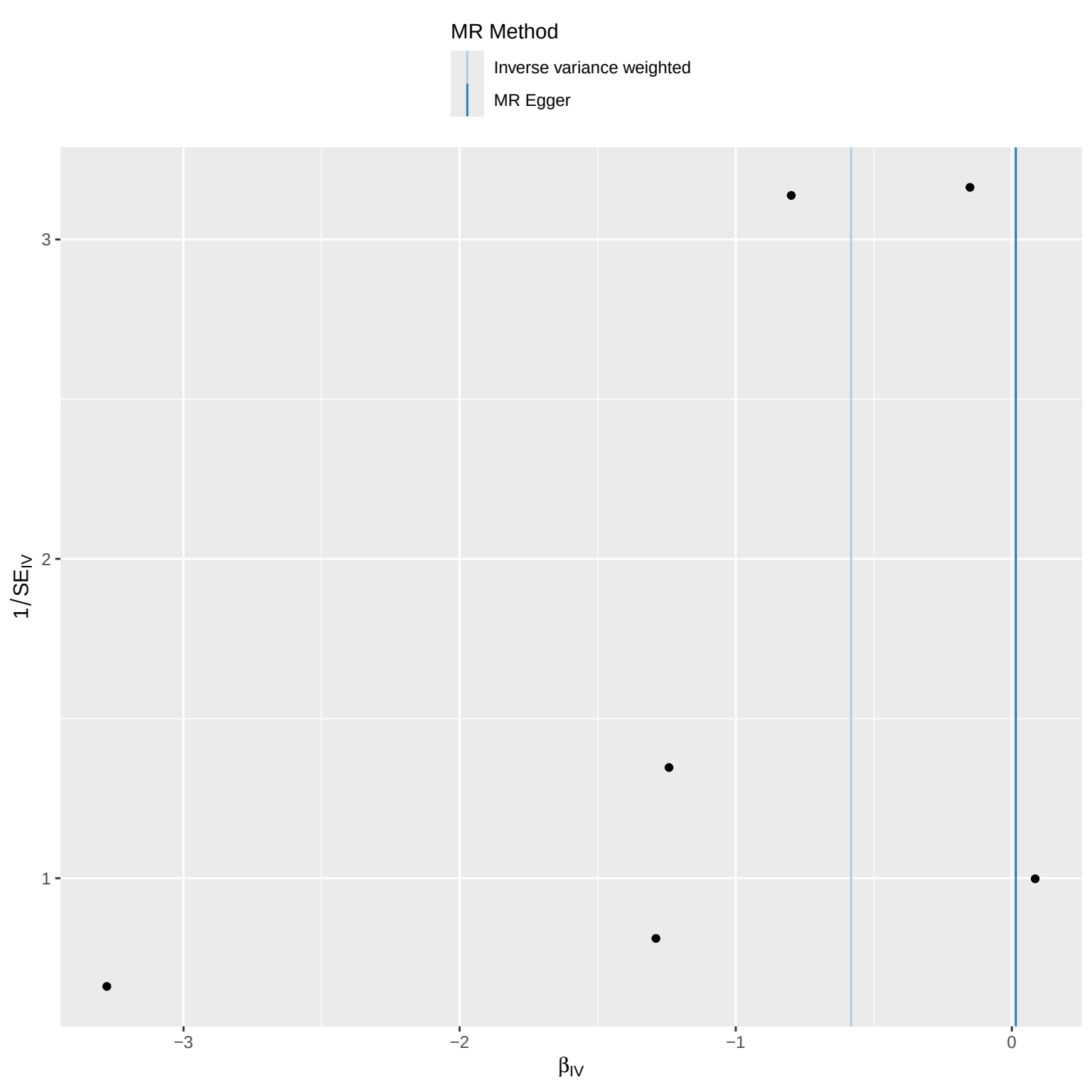

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

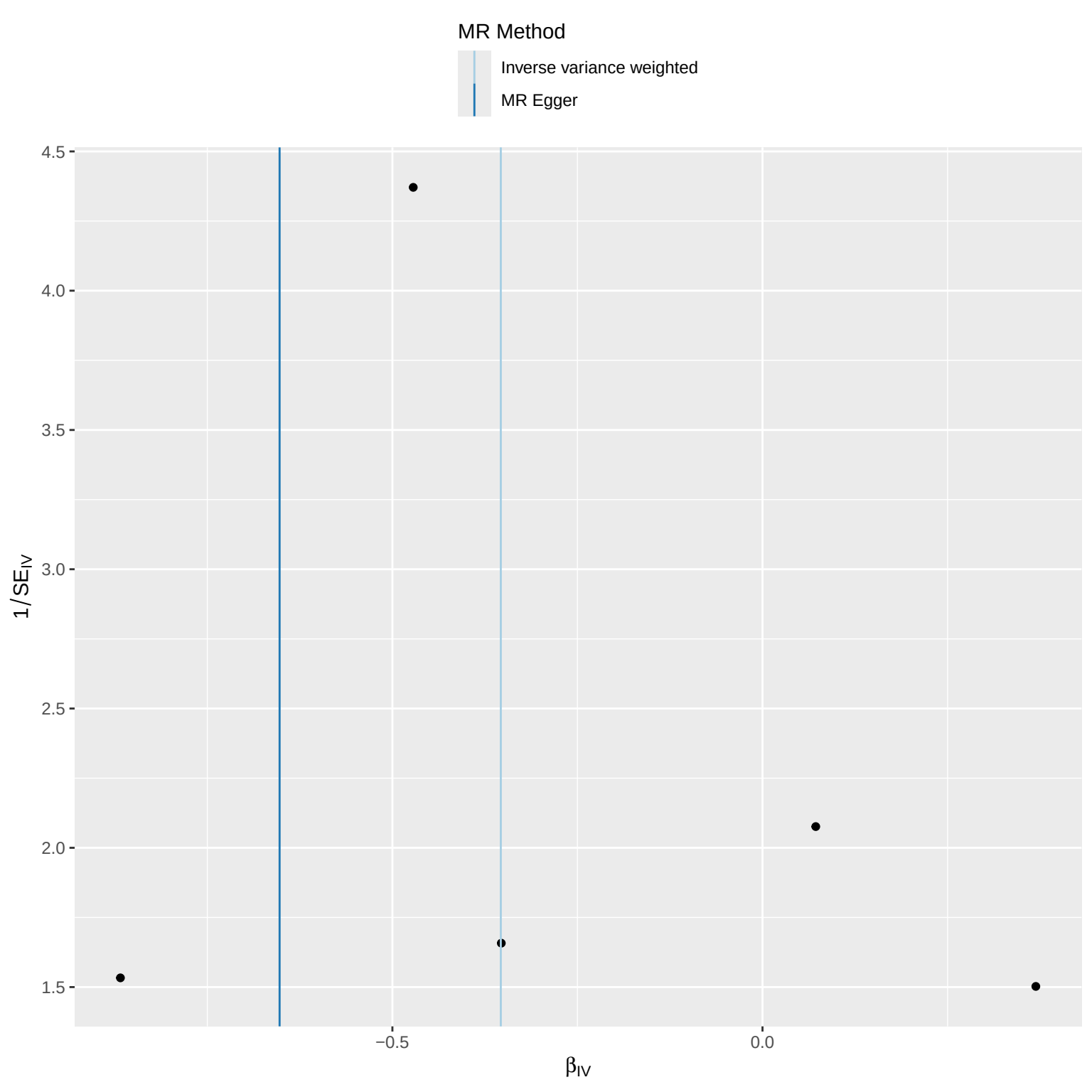

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

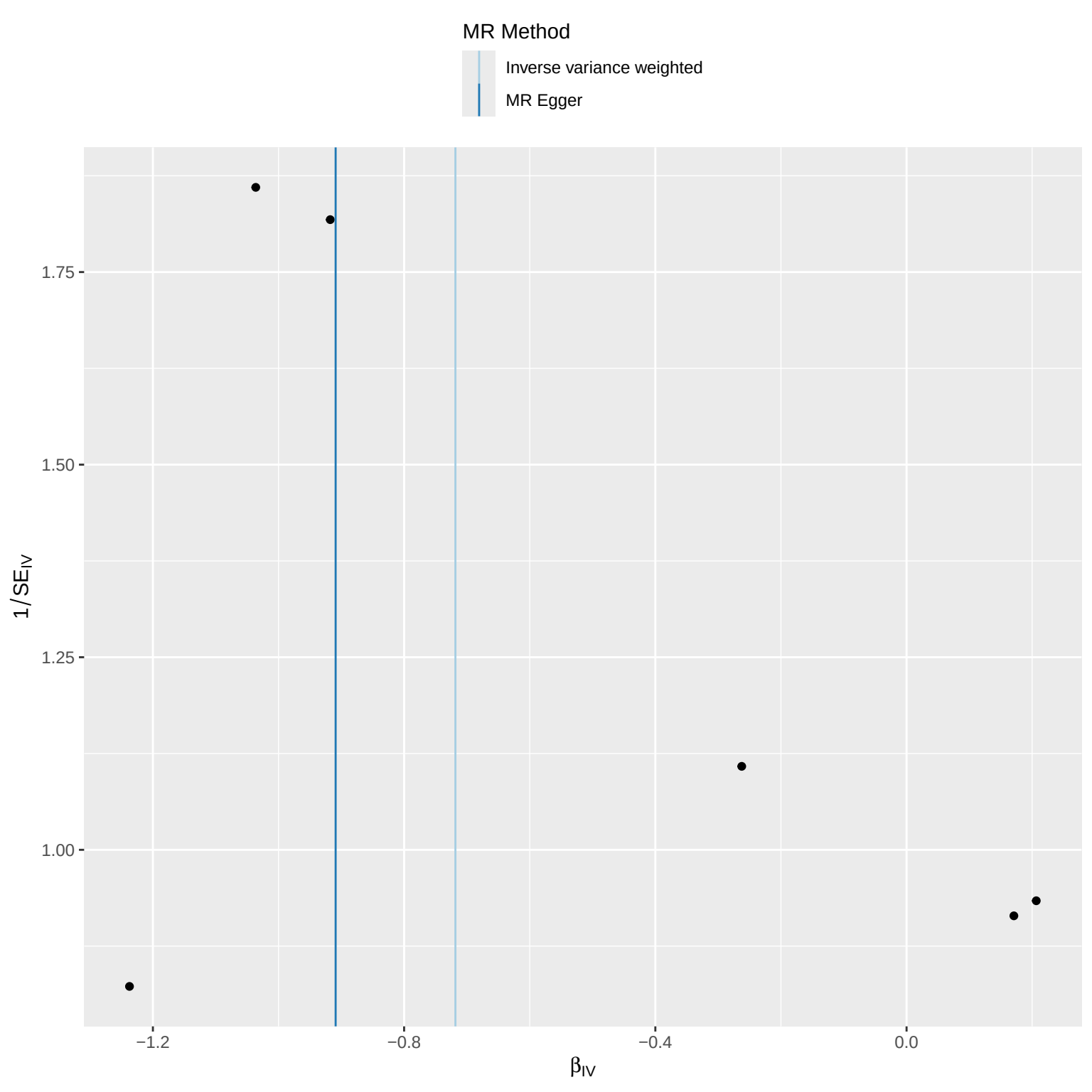

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

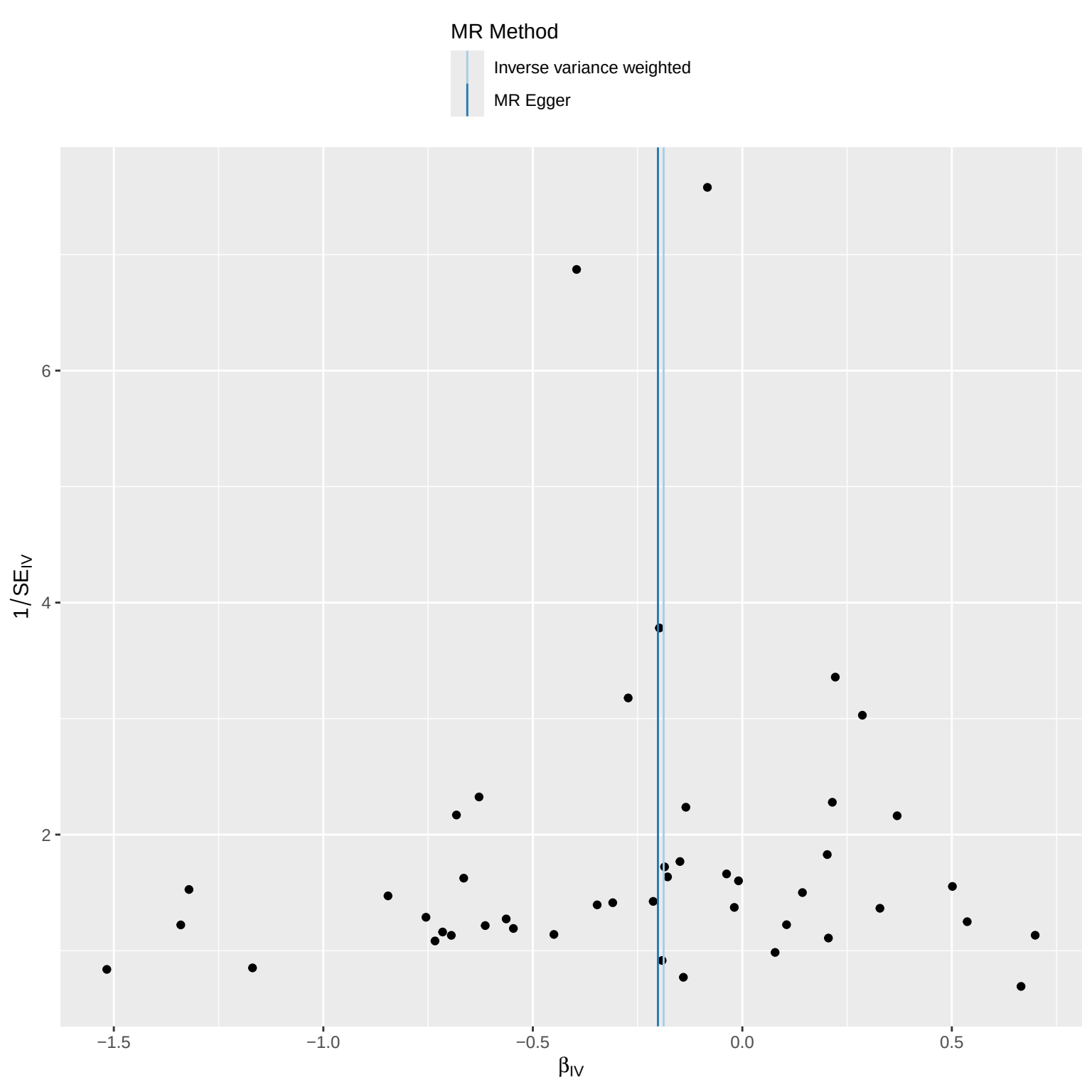

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

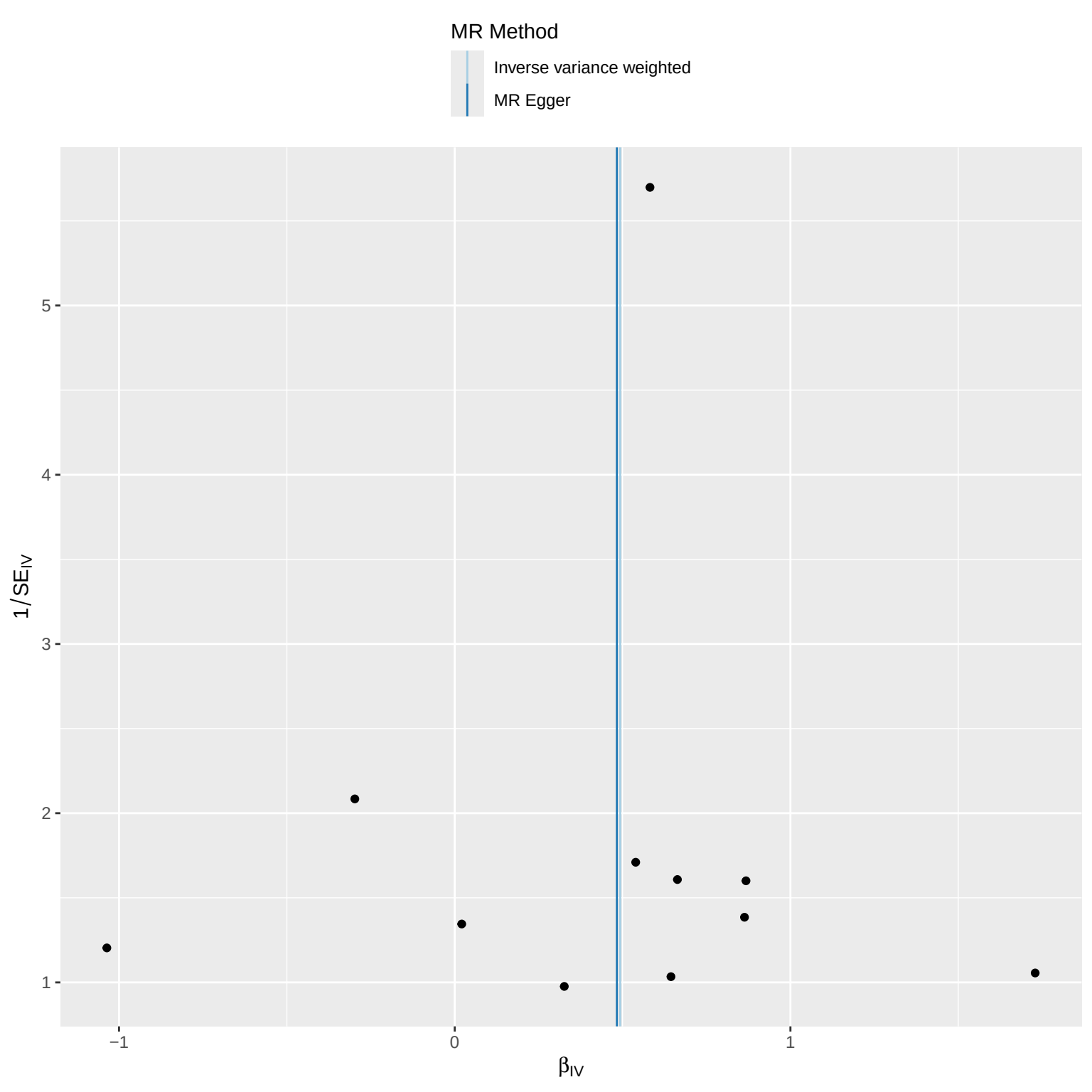

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

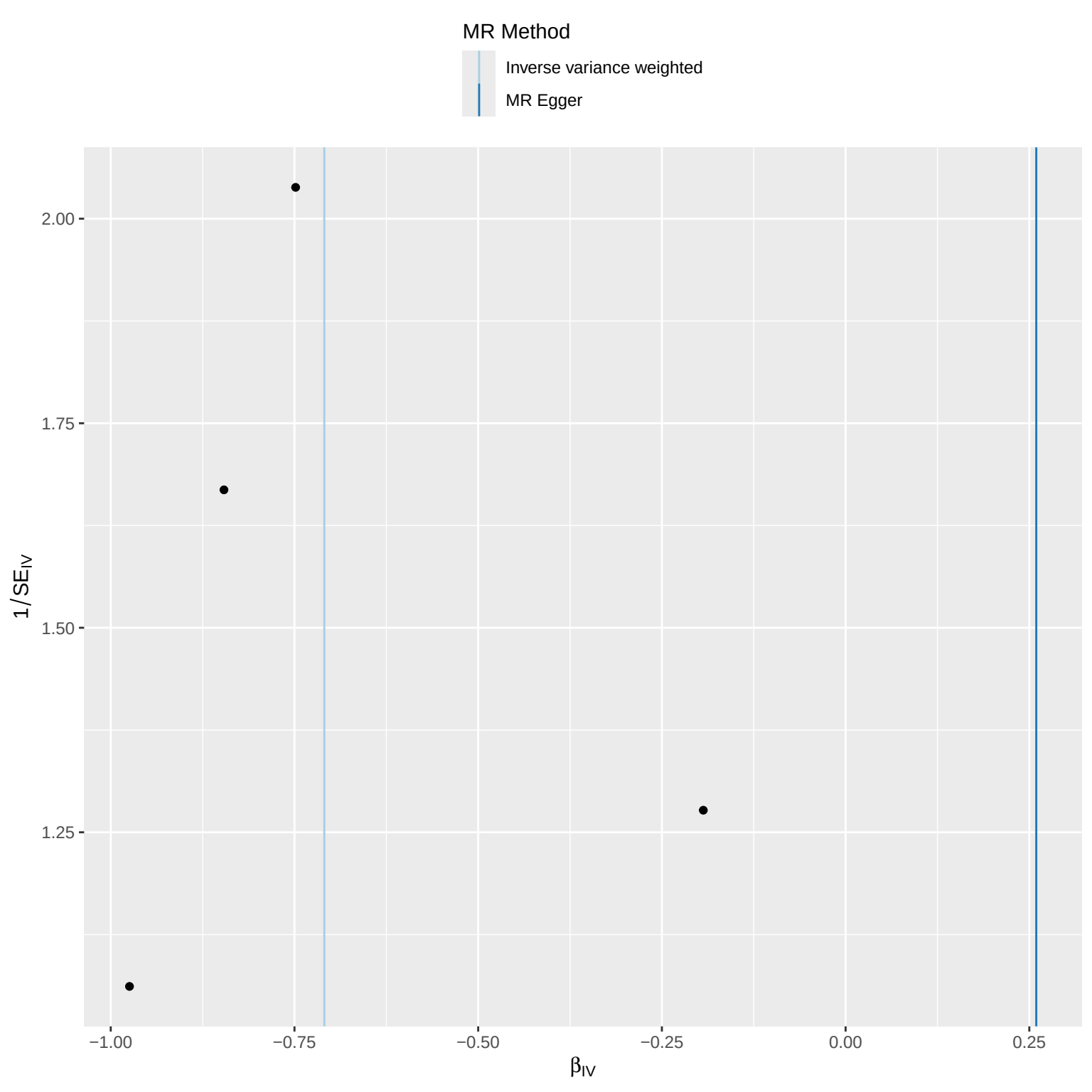

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

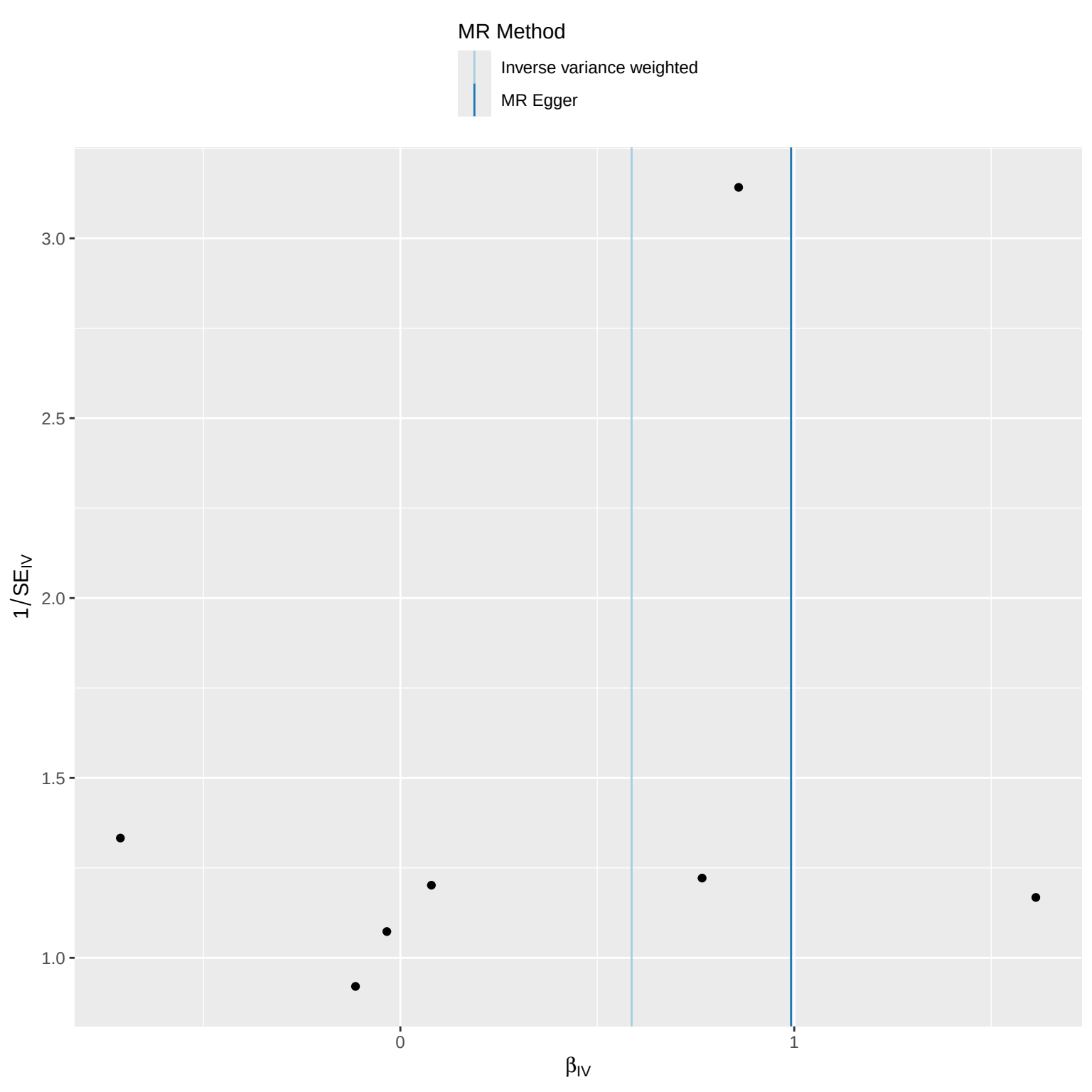

MR Method
Inverse variance weighted
MR Egger
4.5
4.0
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
β_IV

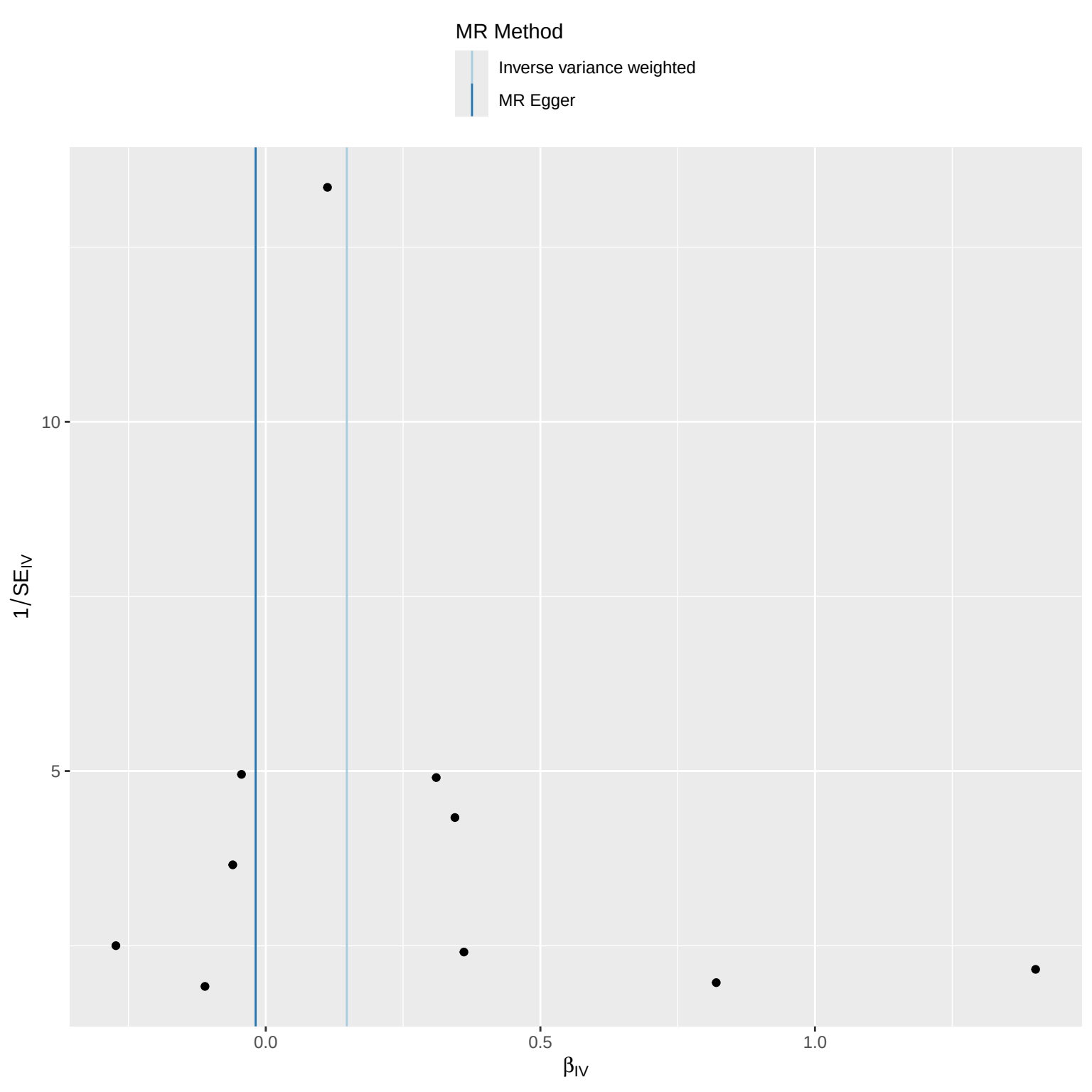

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

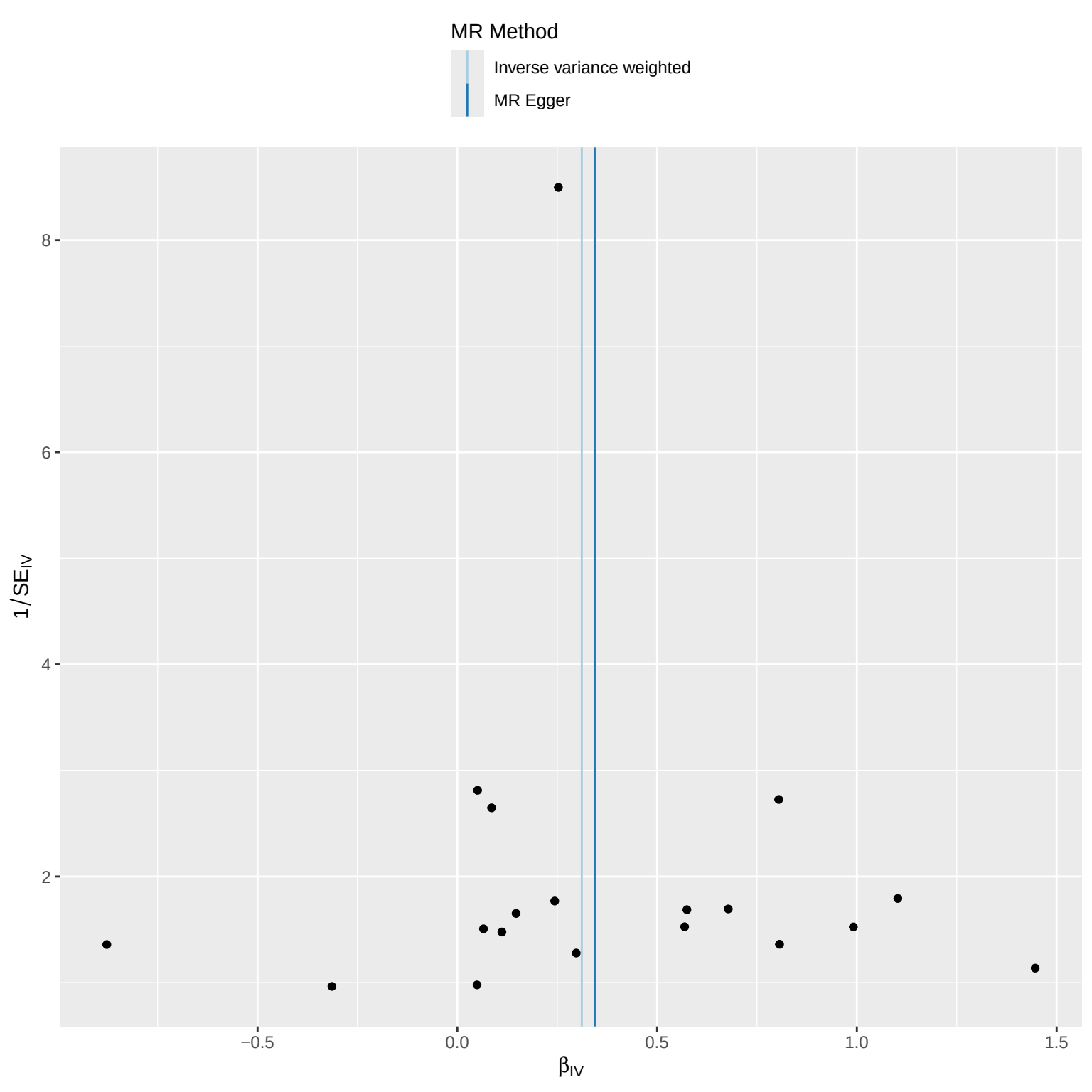

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

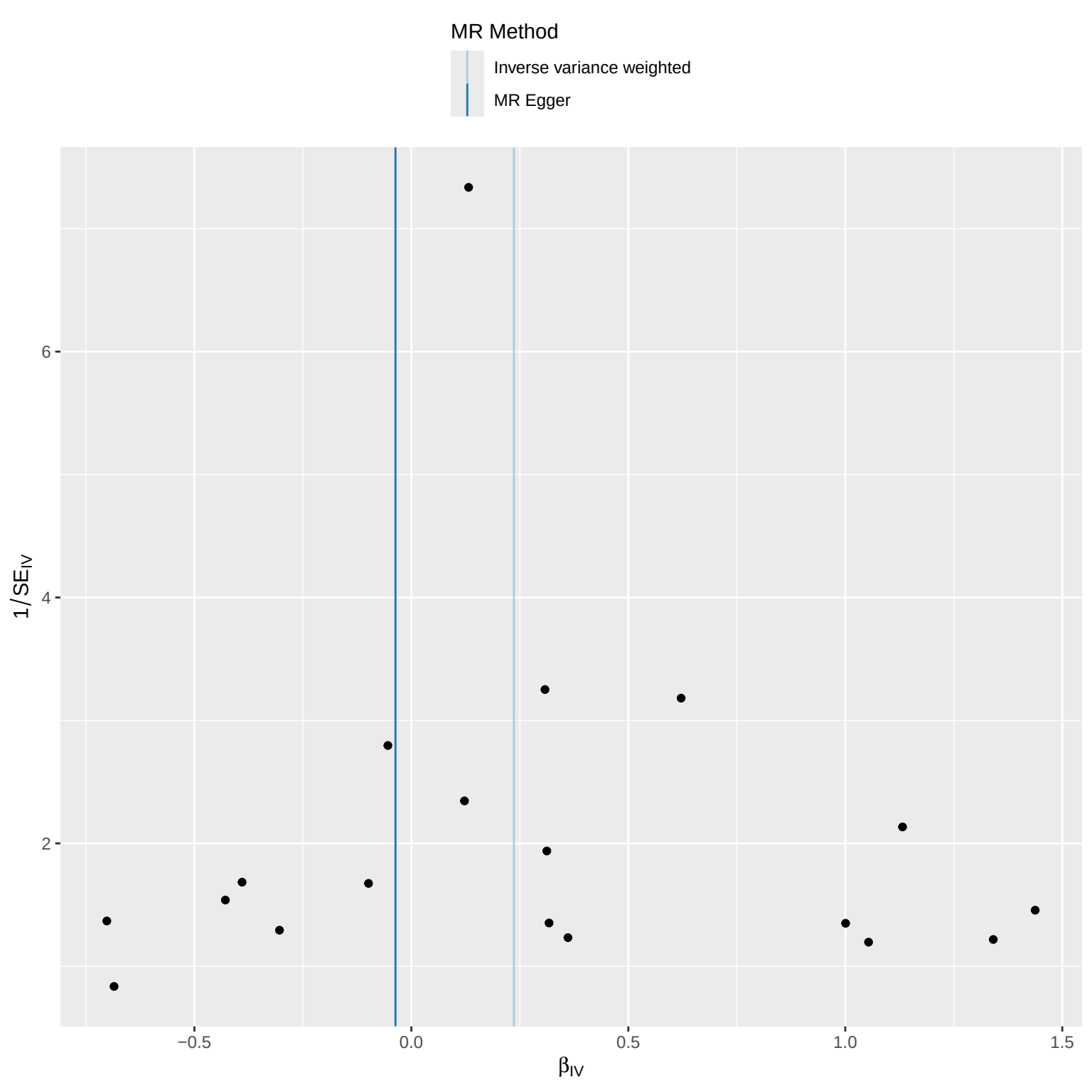

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

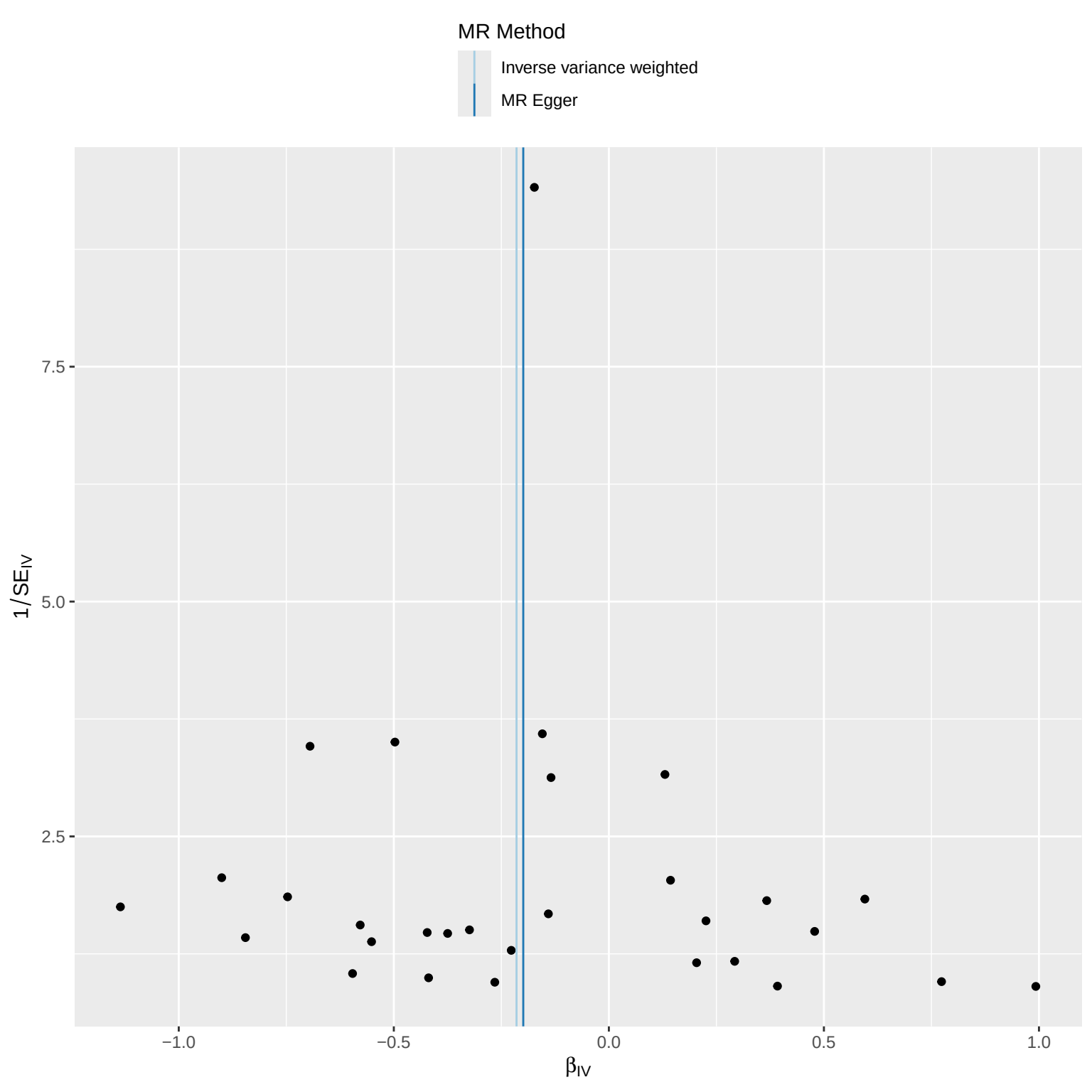

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
0.25
β_IV

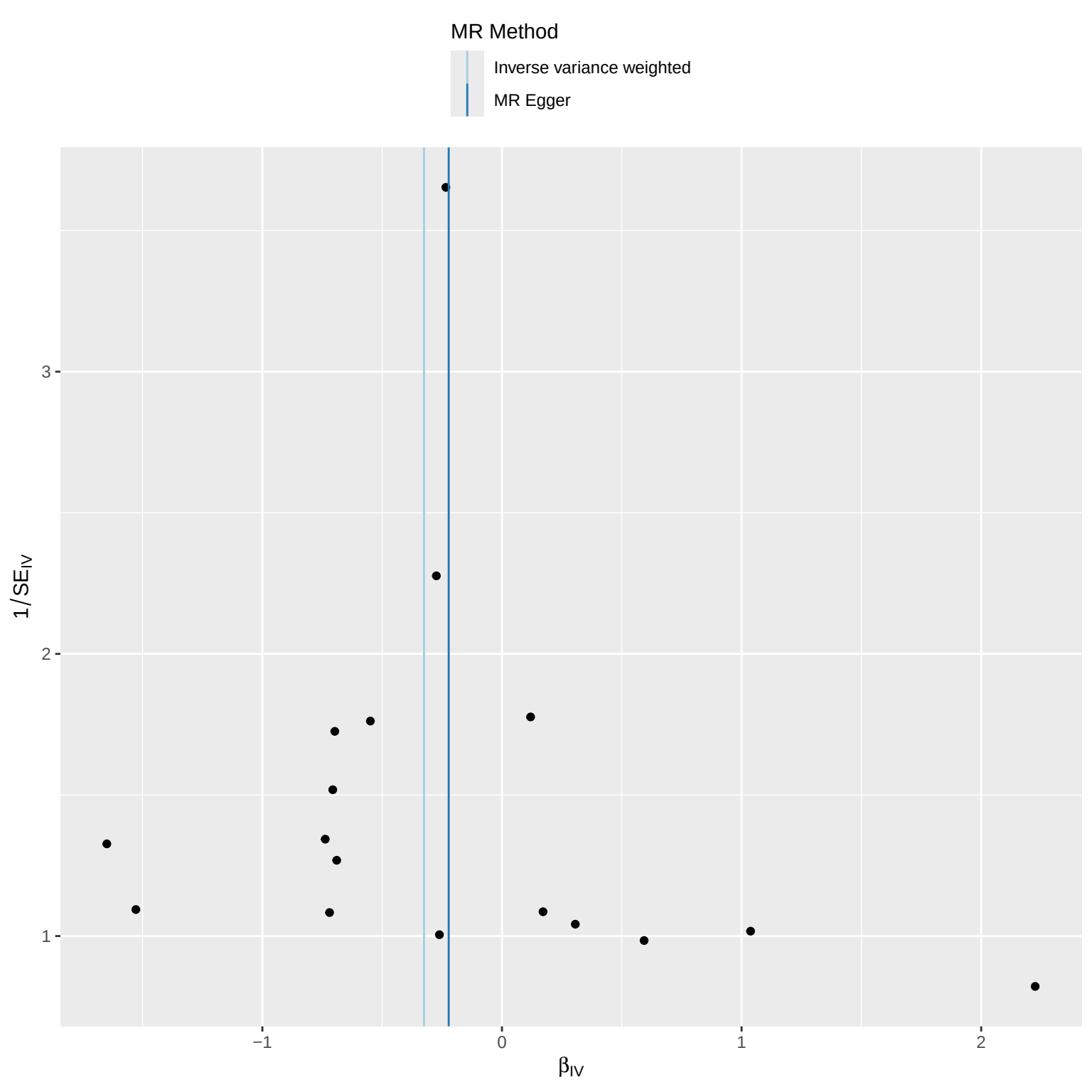

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
β_IV

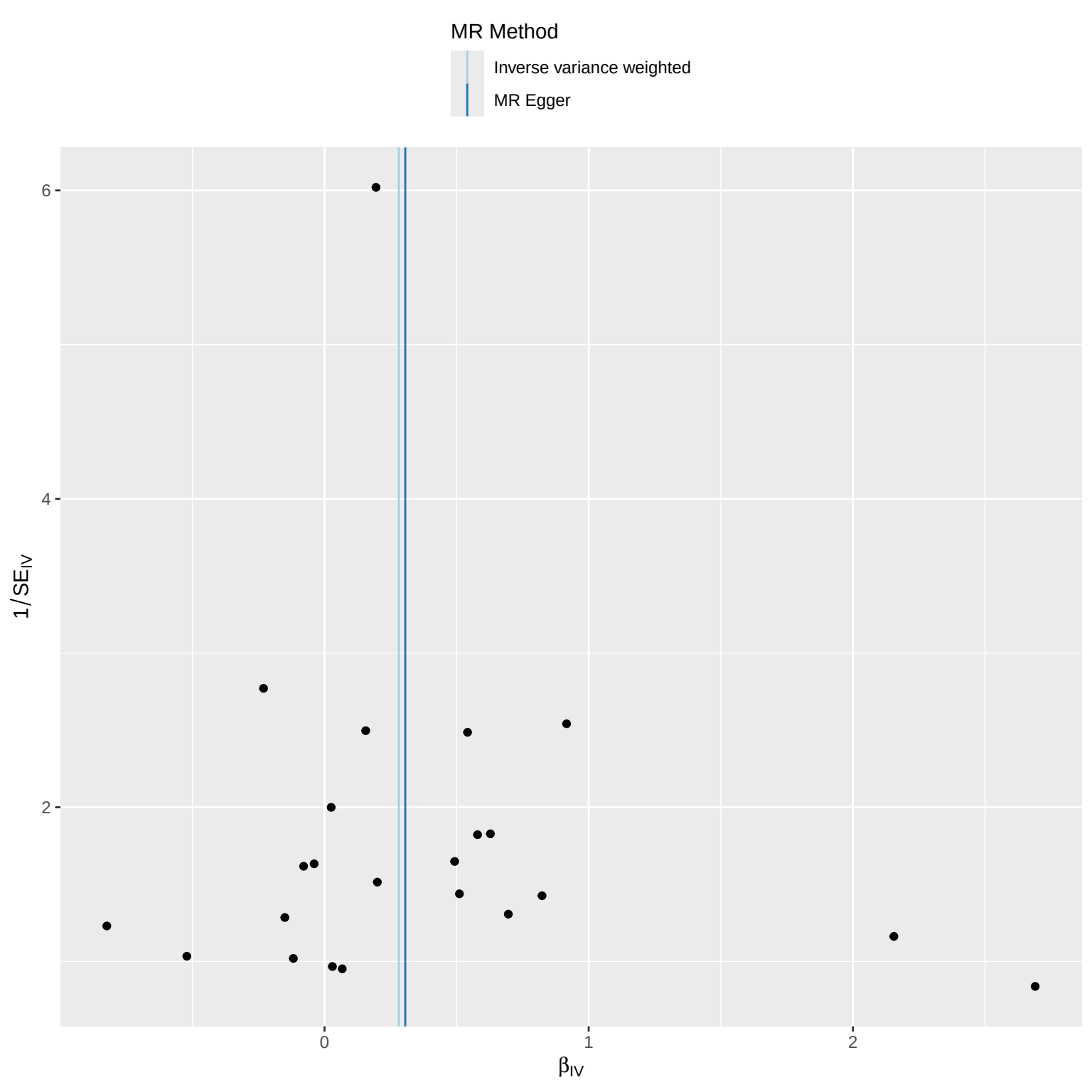

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
0.0
0.5
1.0
β_IV

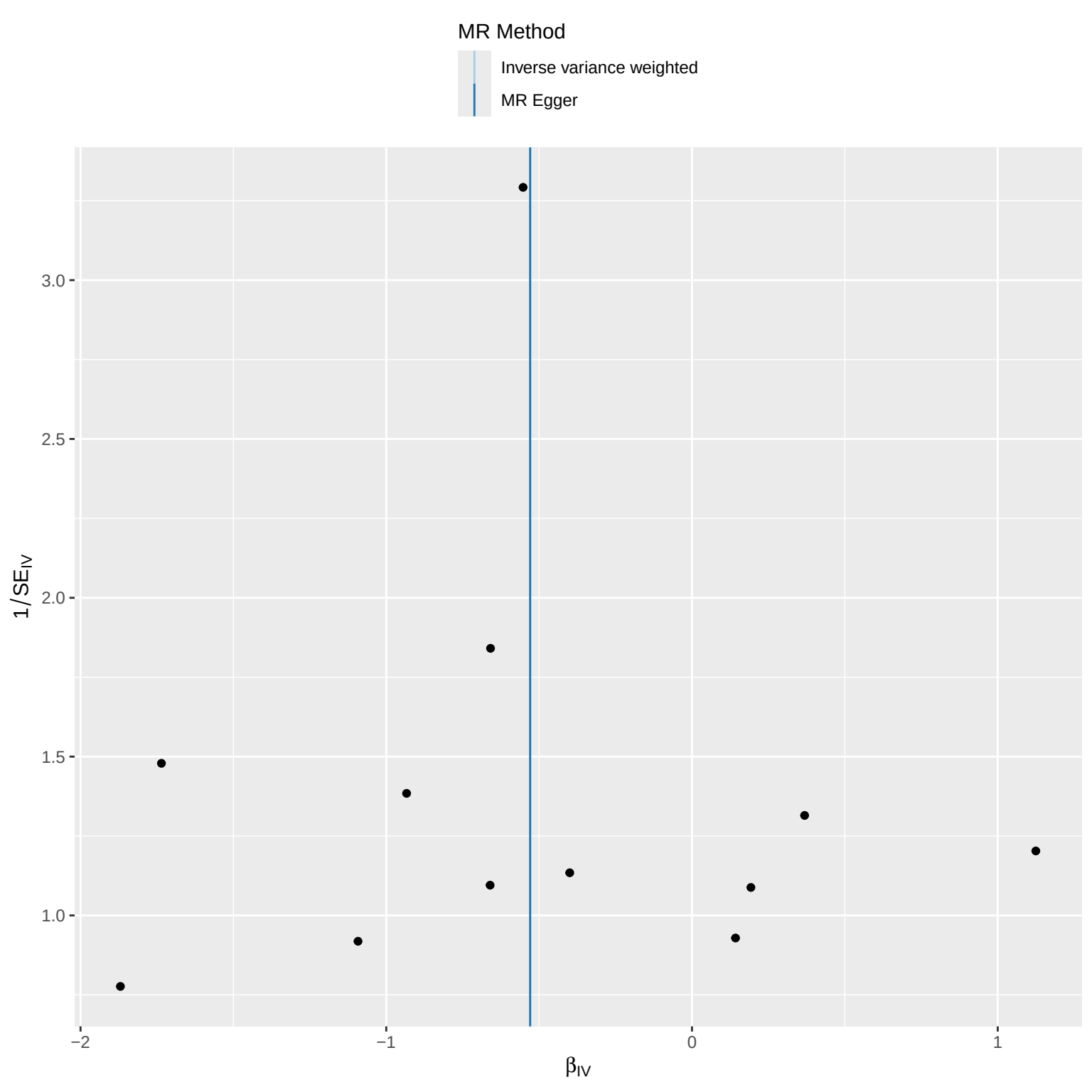

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

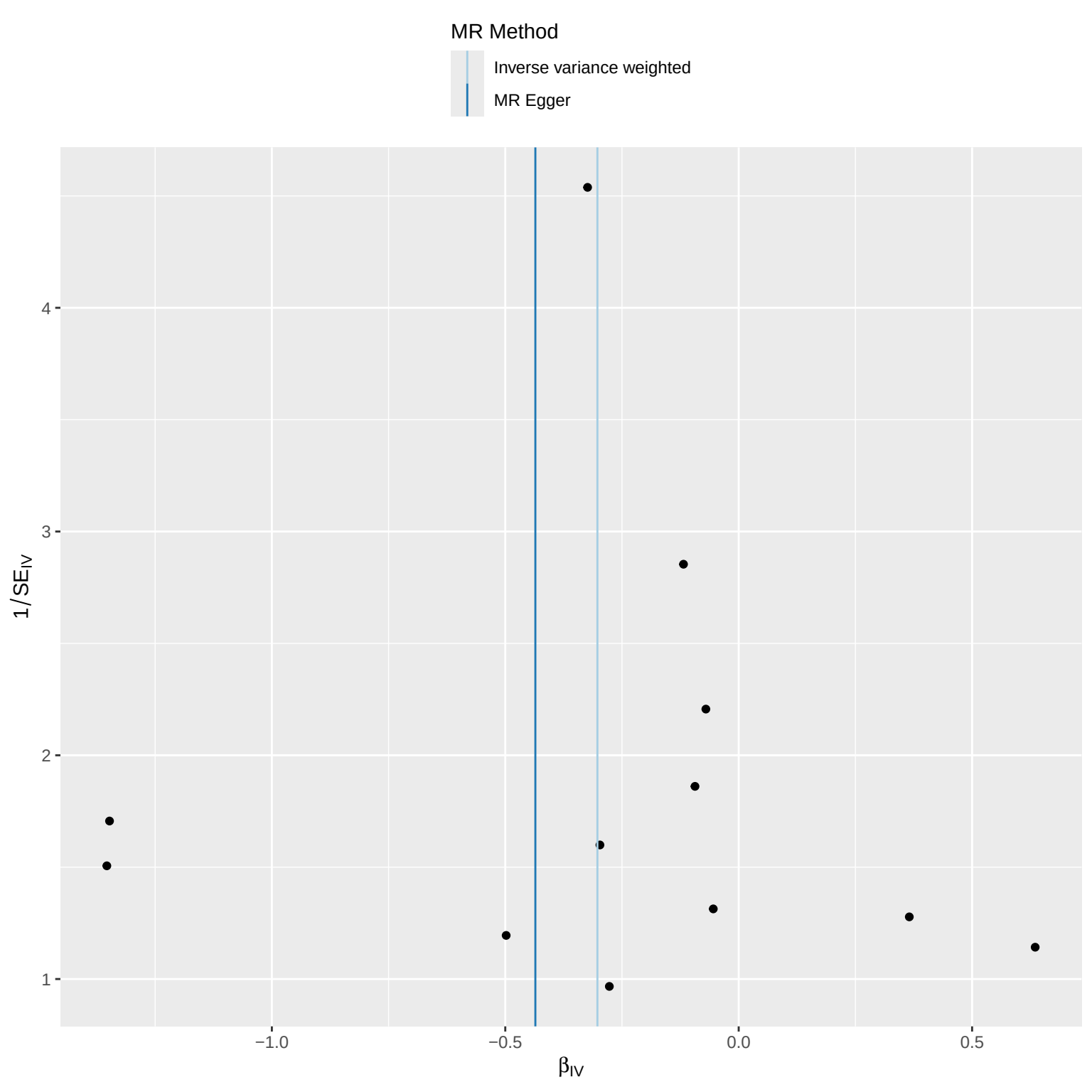

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

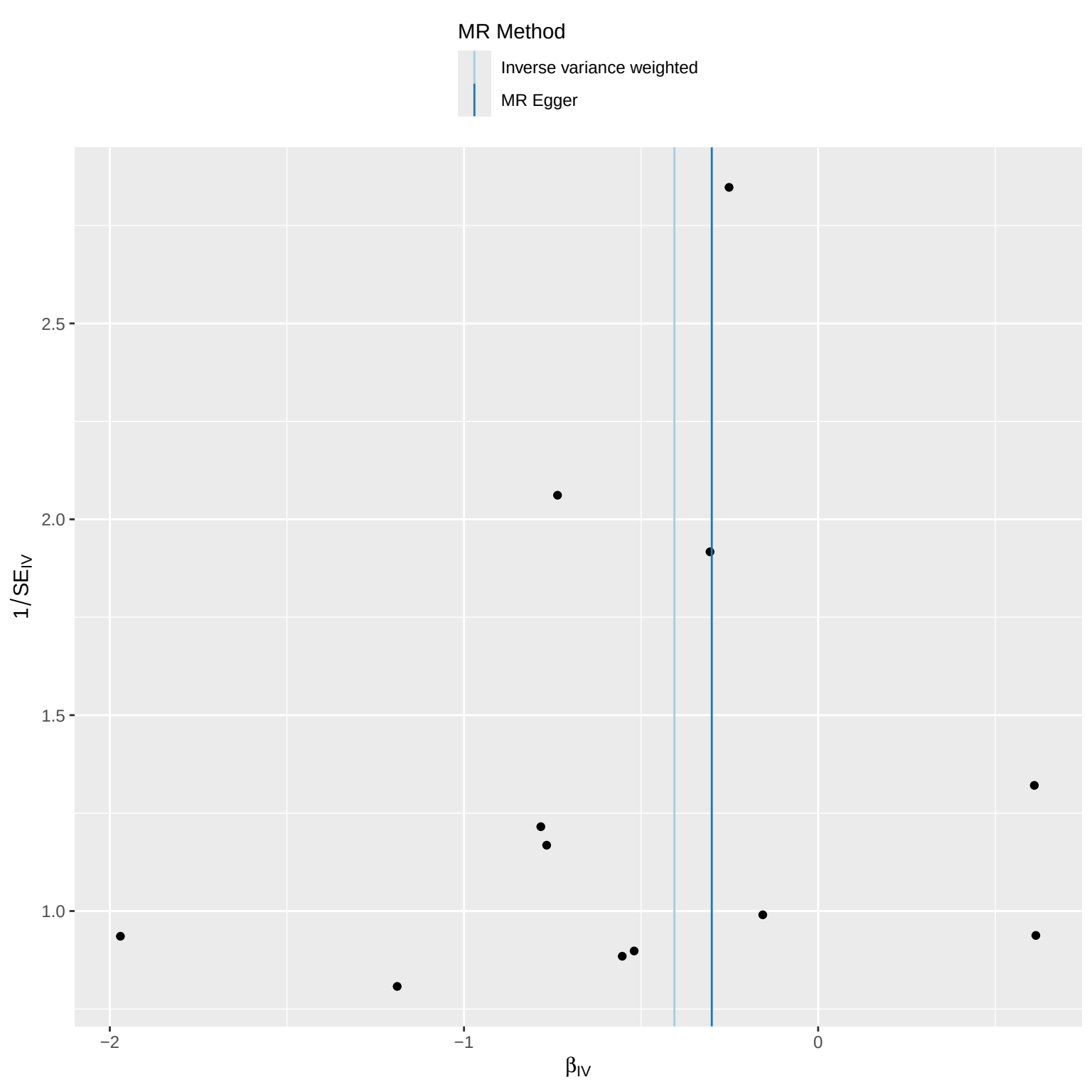

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

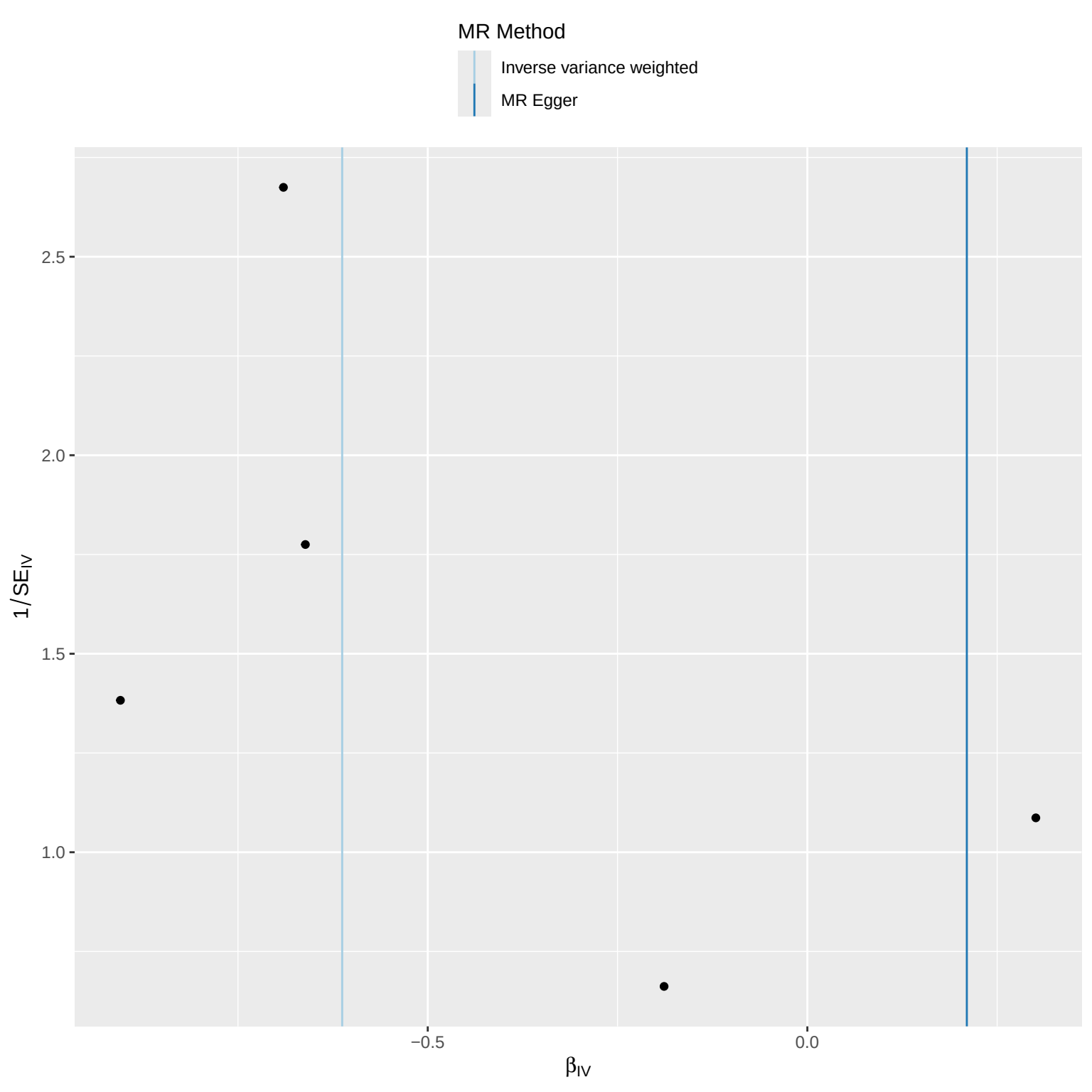

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

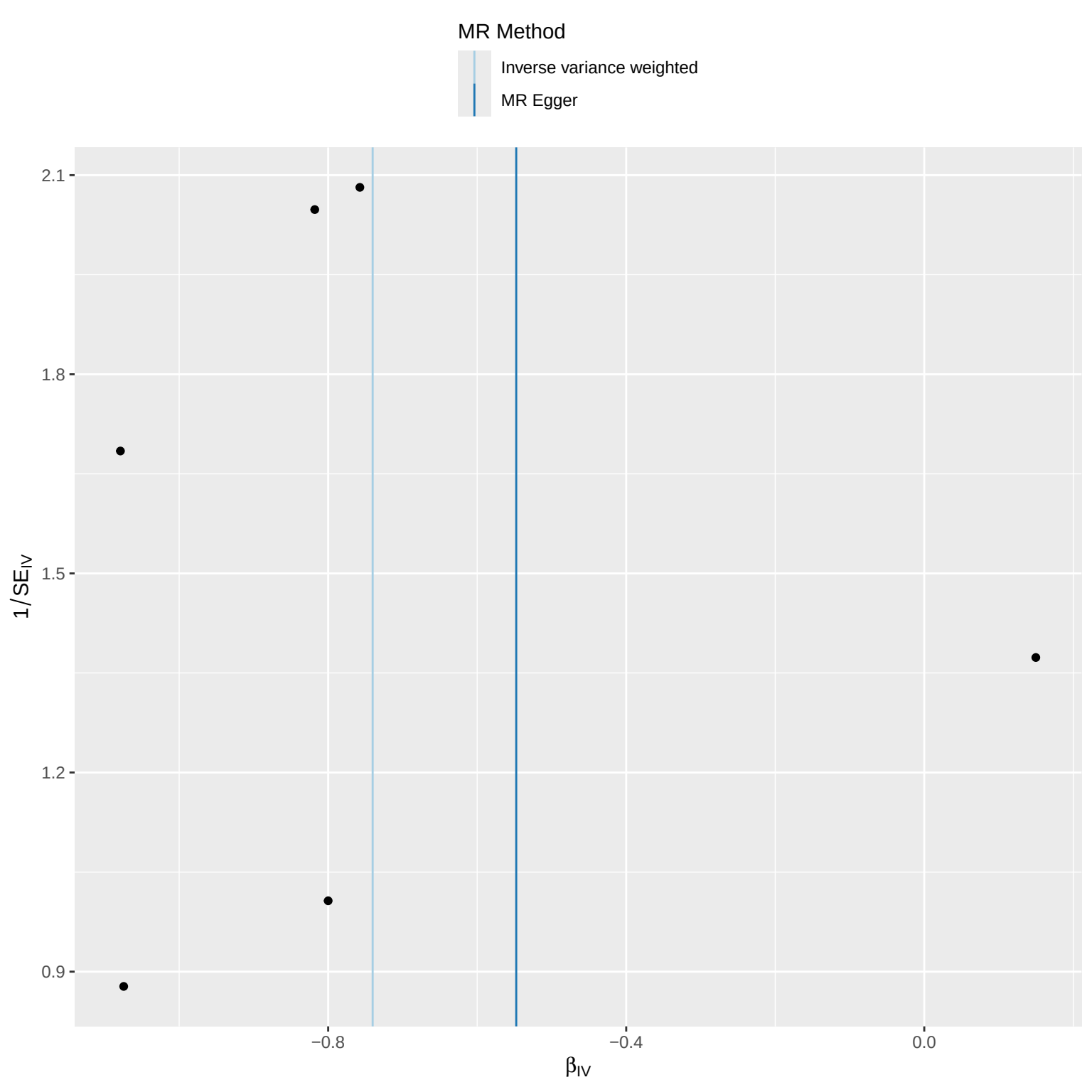

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1
2
1/SE_IV
β_IV

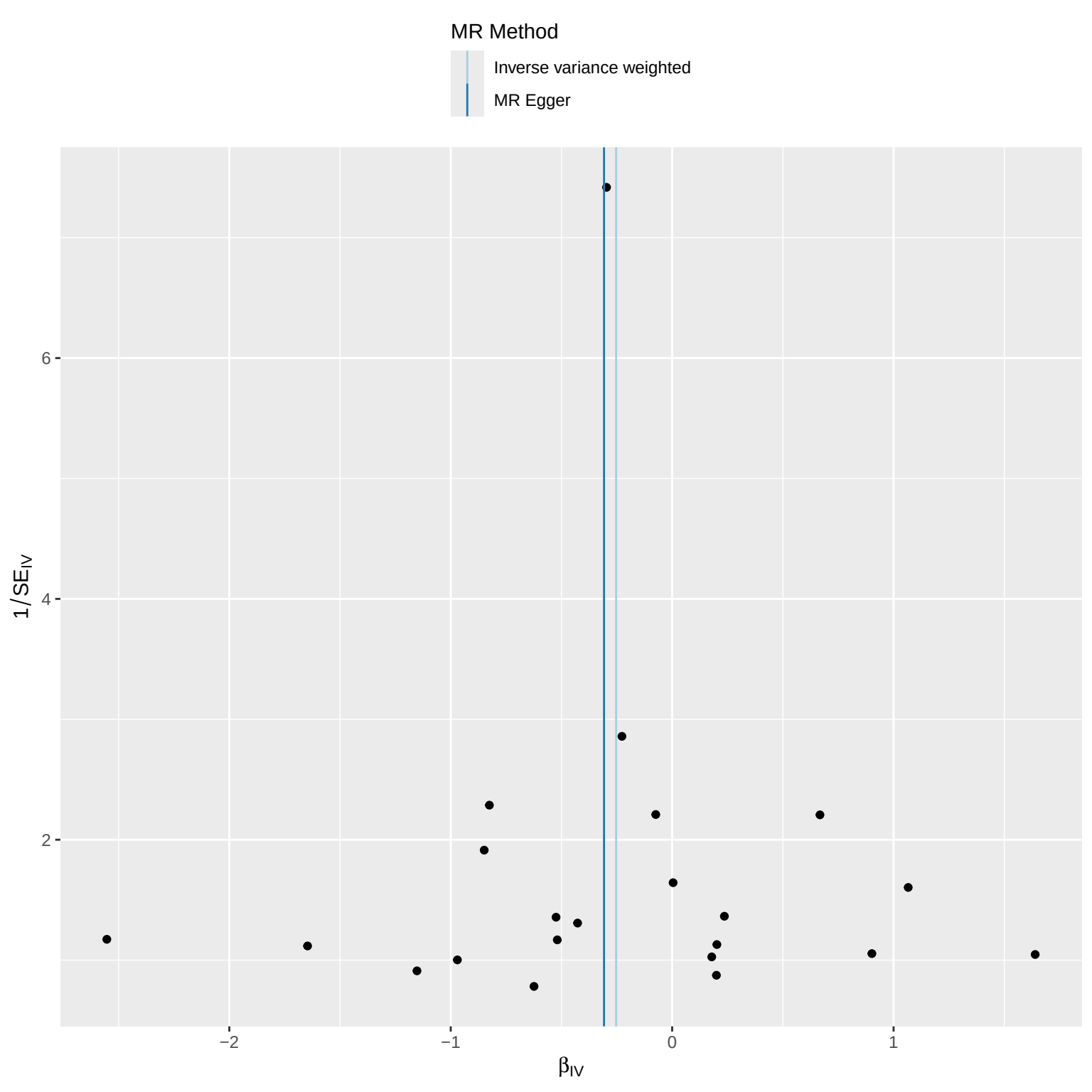

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

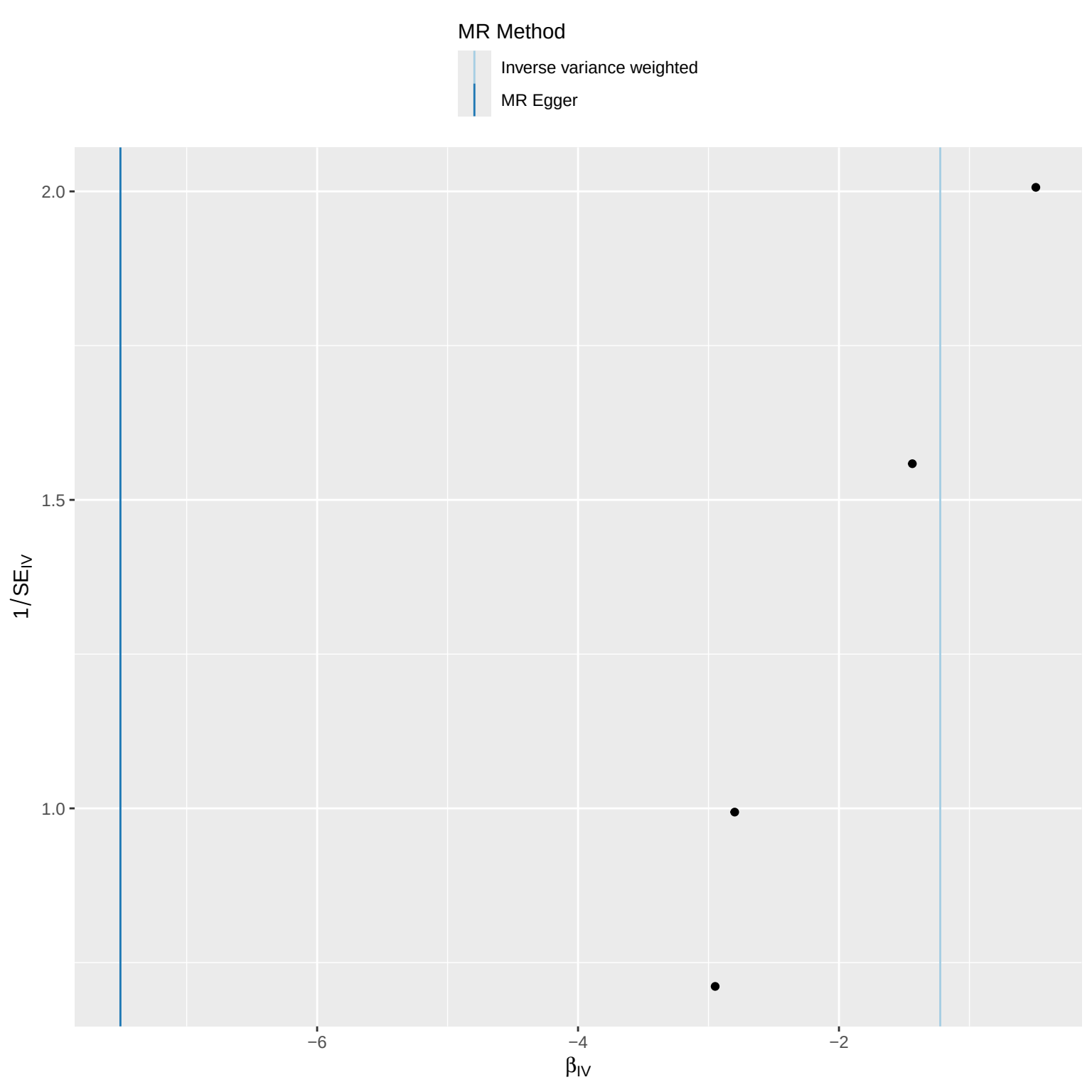

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

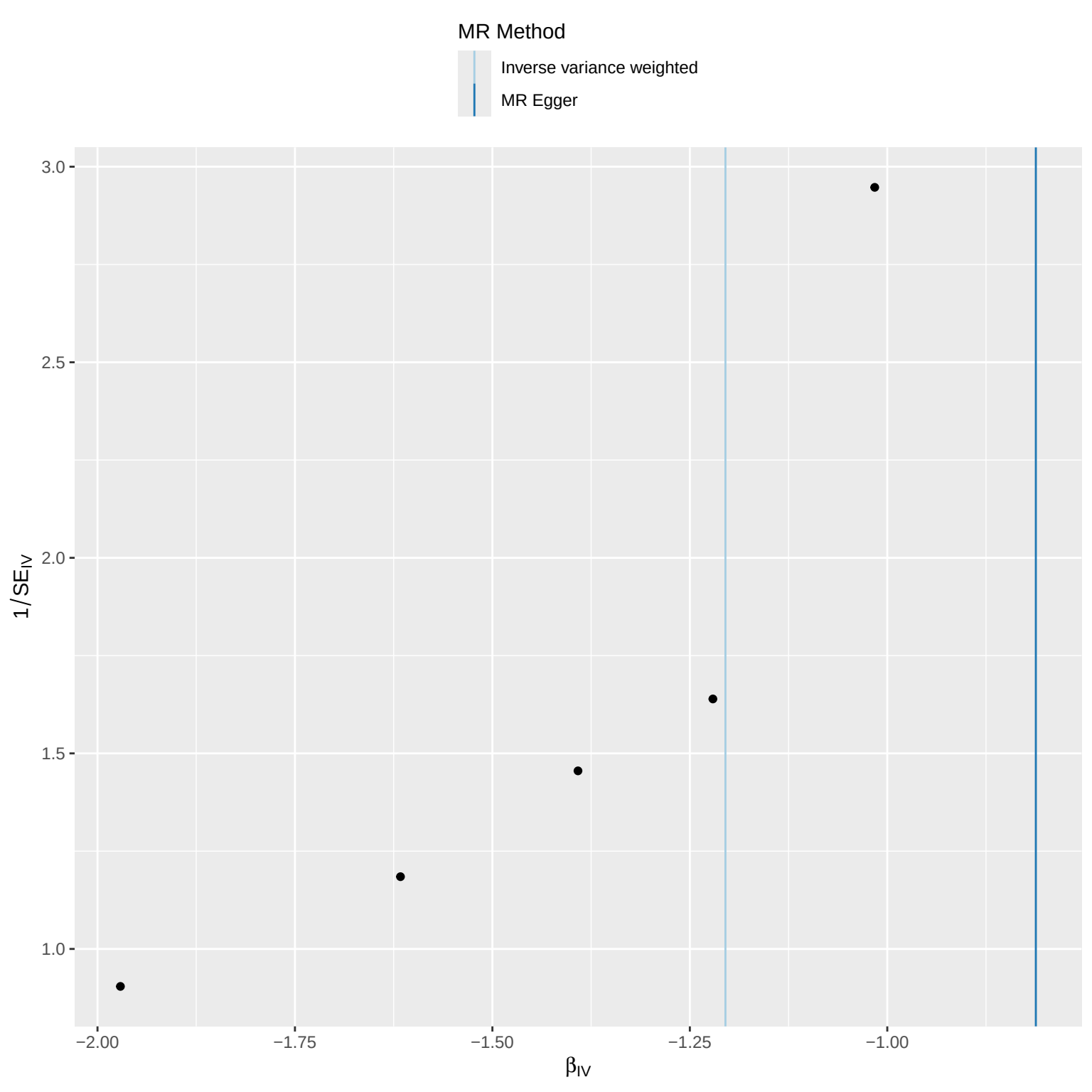

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

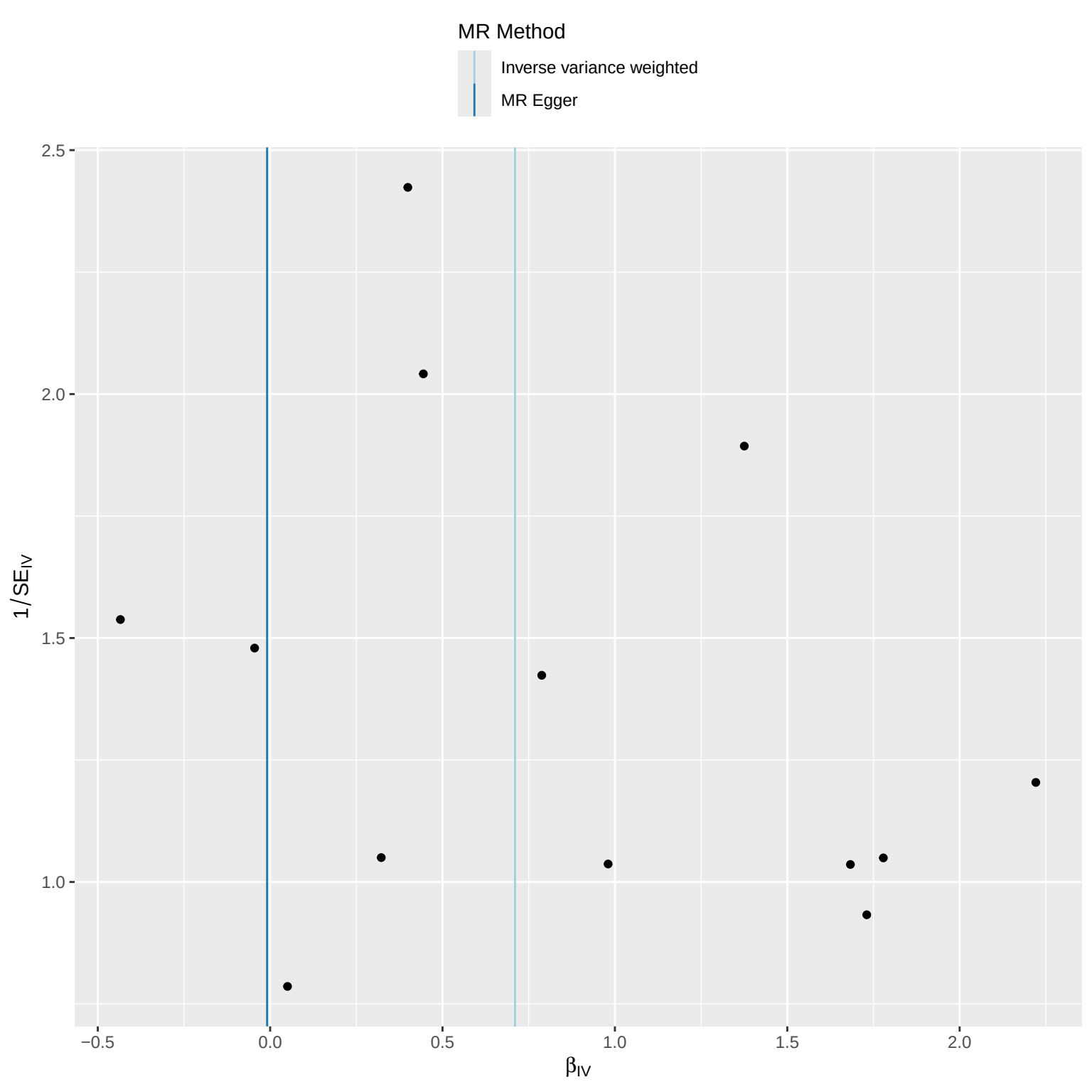

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
β_IV

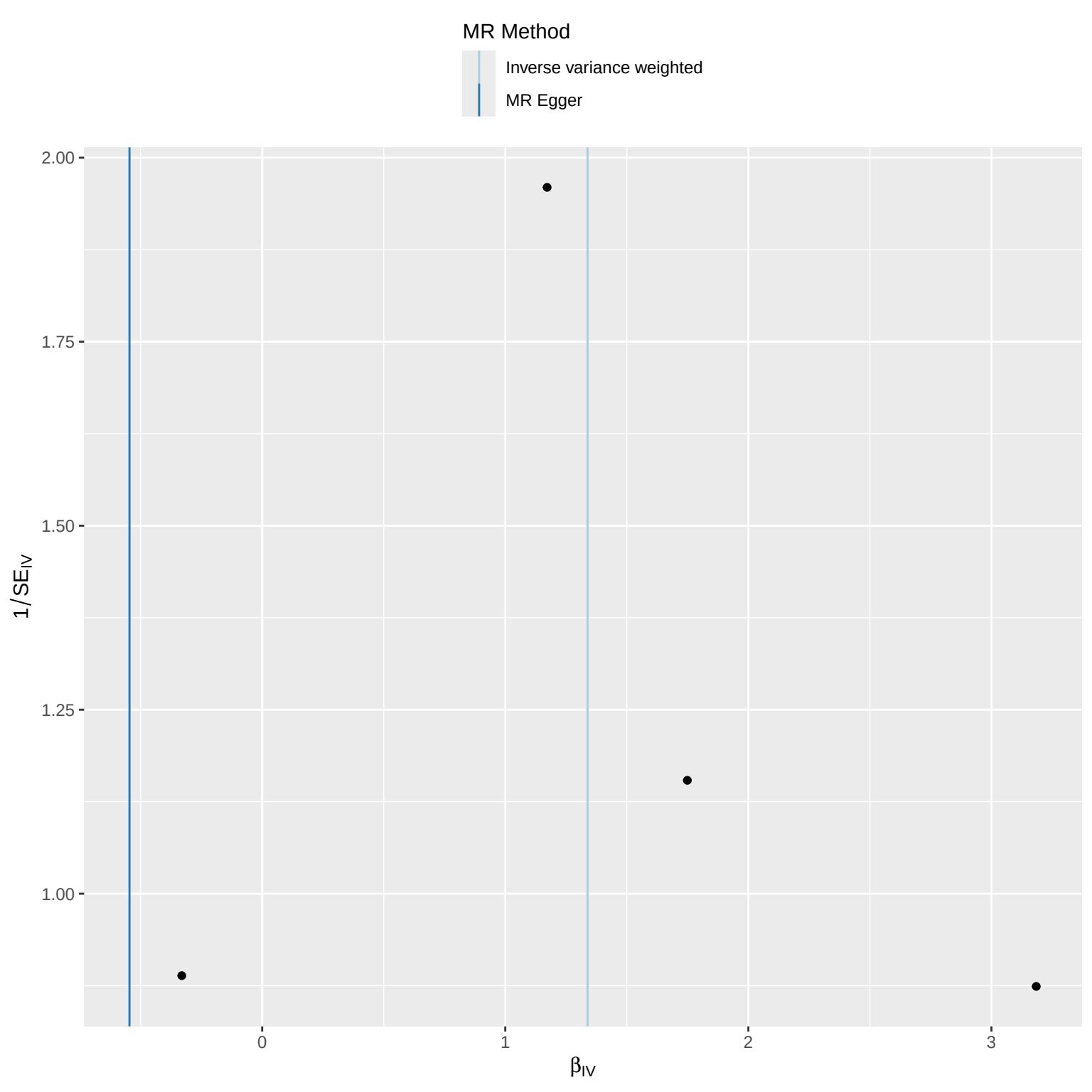

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
−0.8
−0.4
0.0
β_IV

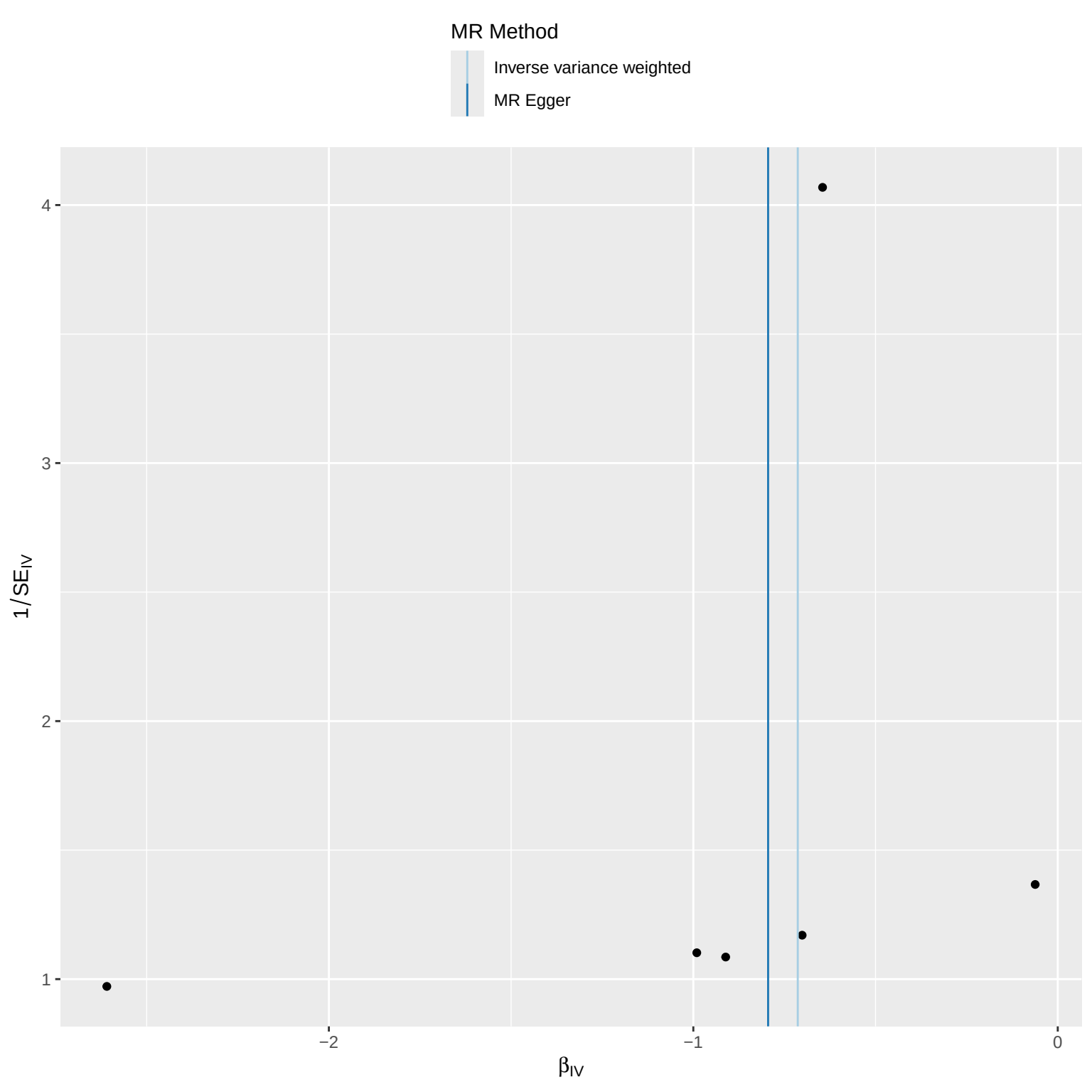

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

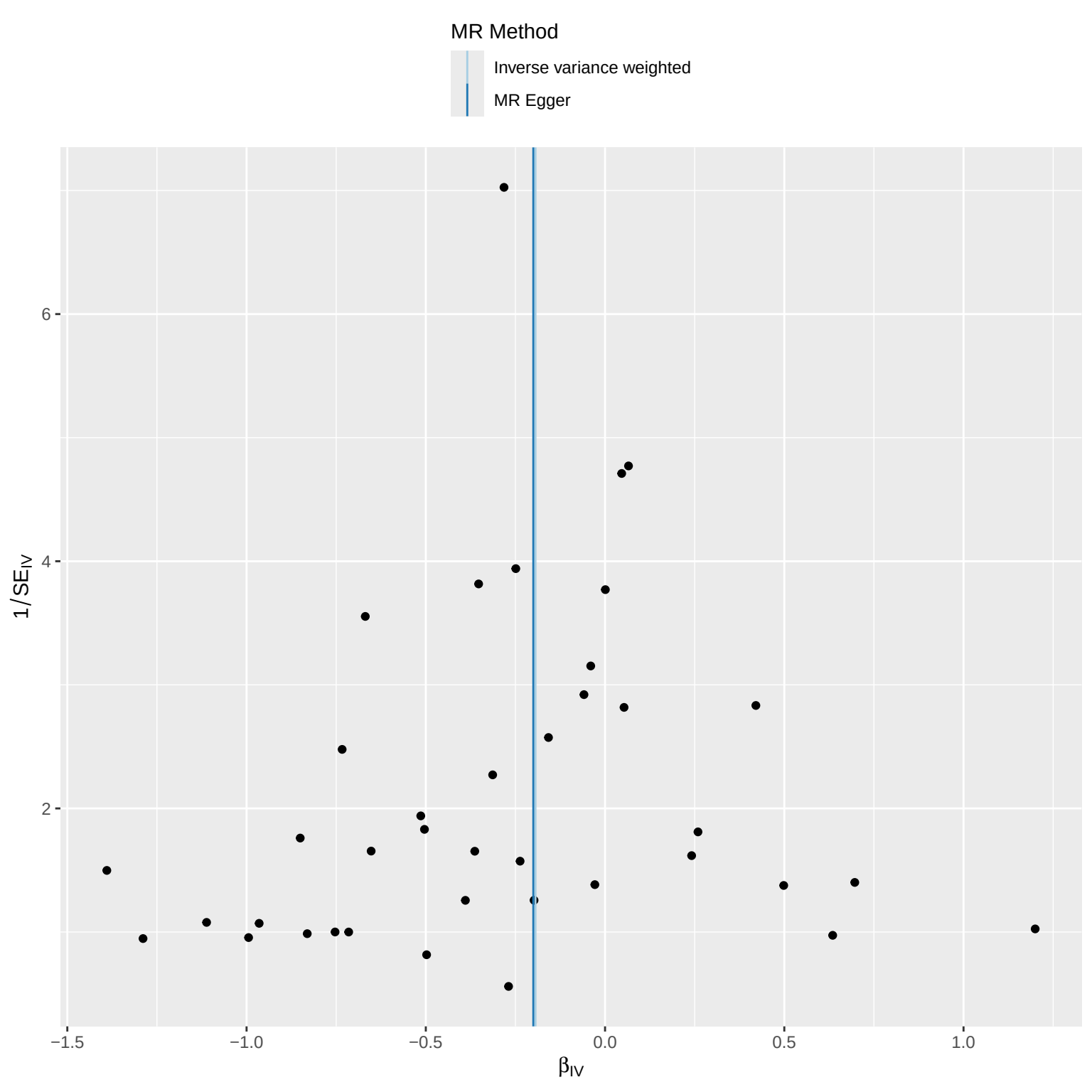

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−6
−4
−2
β_IV

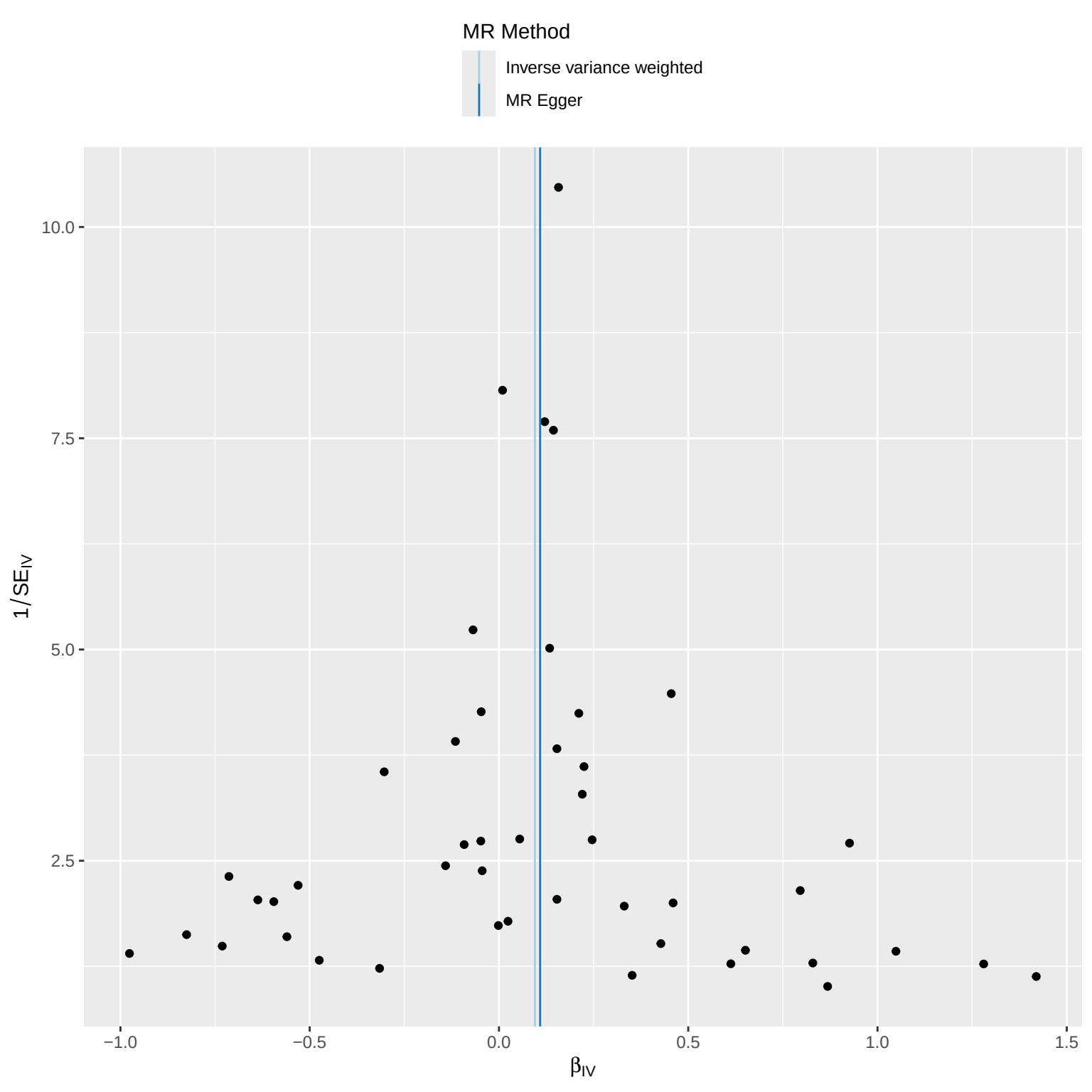

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.00
−1.75
−1.50
−1.25
−1.00
β_IV

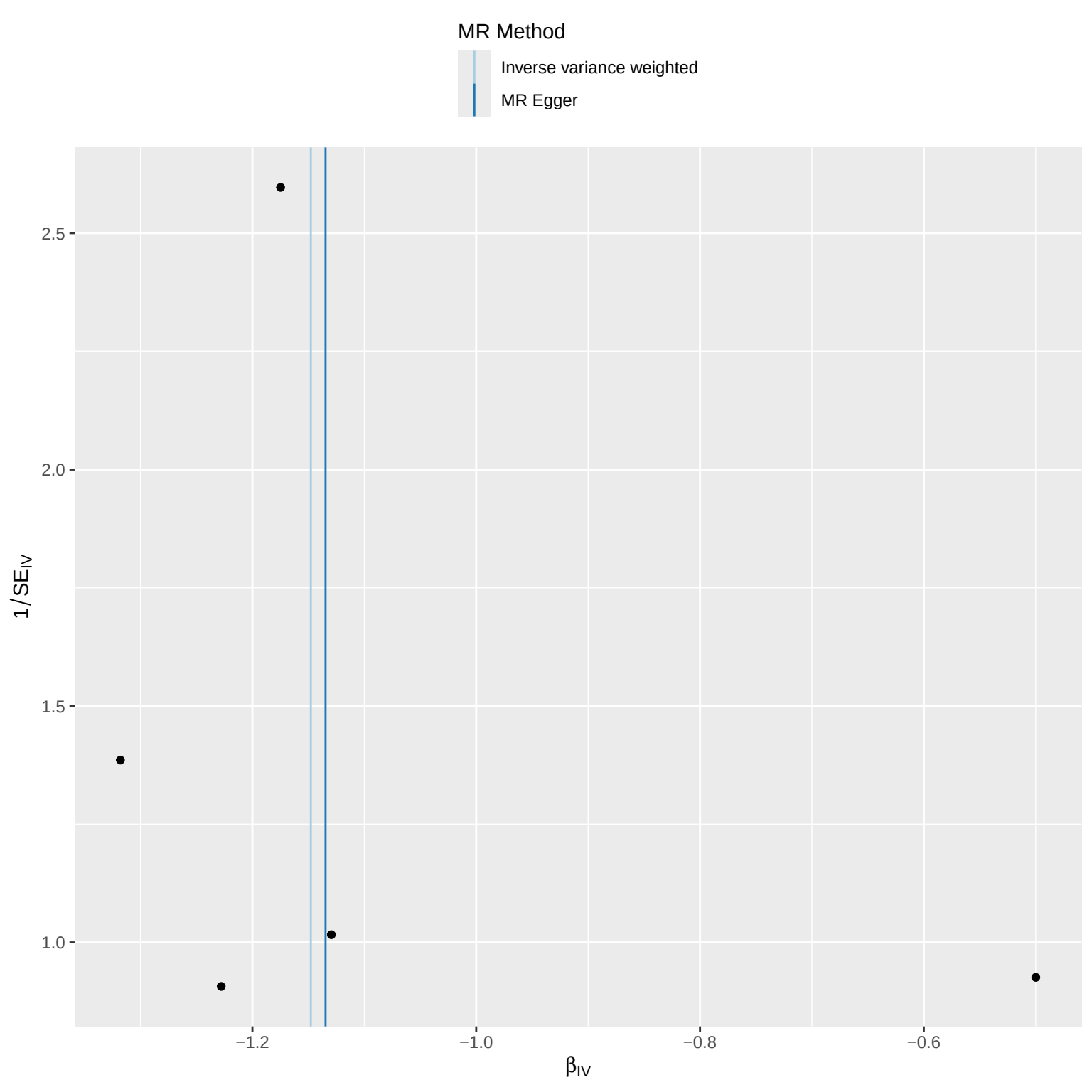

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

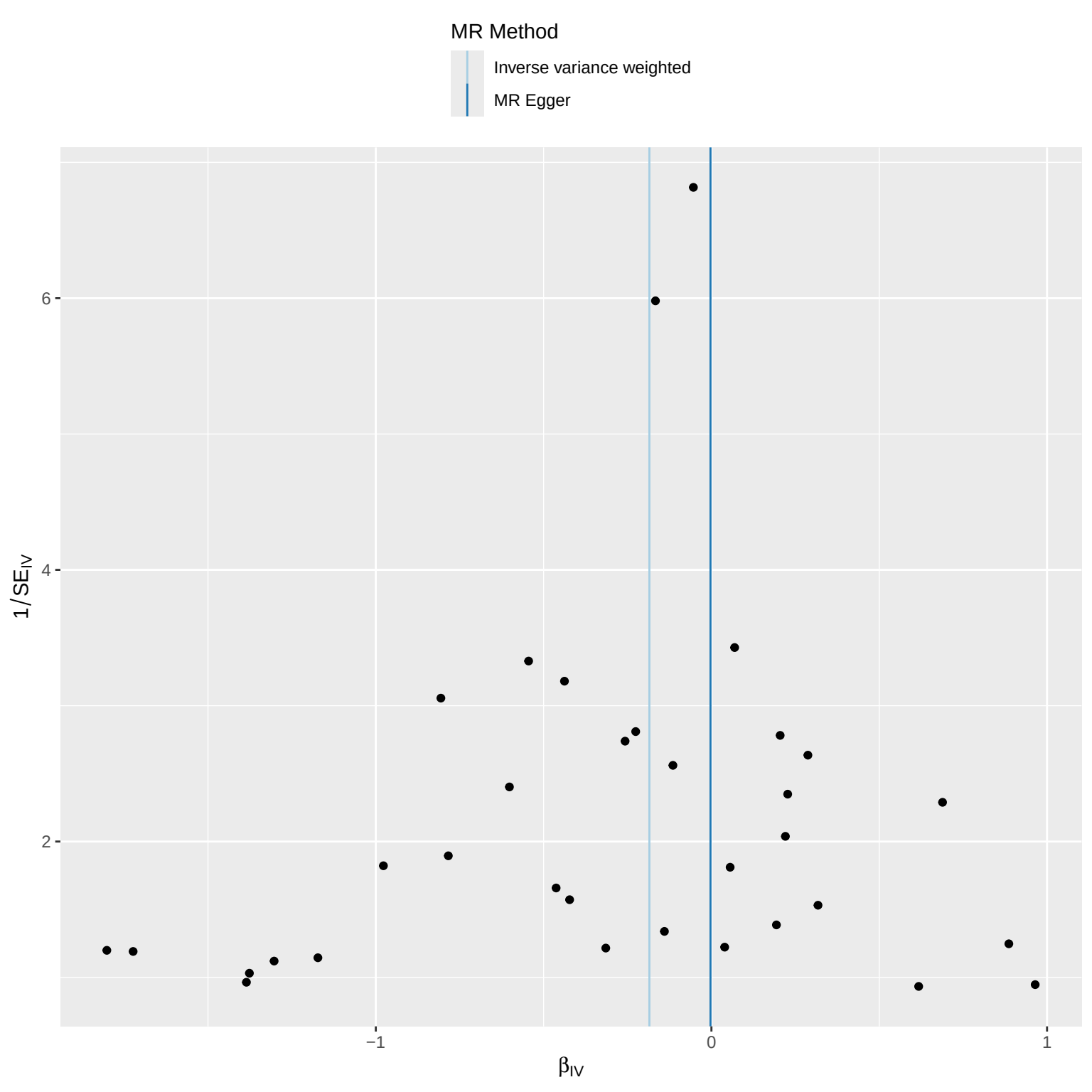

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
0
1
2
3
β_IV

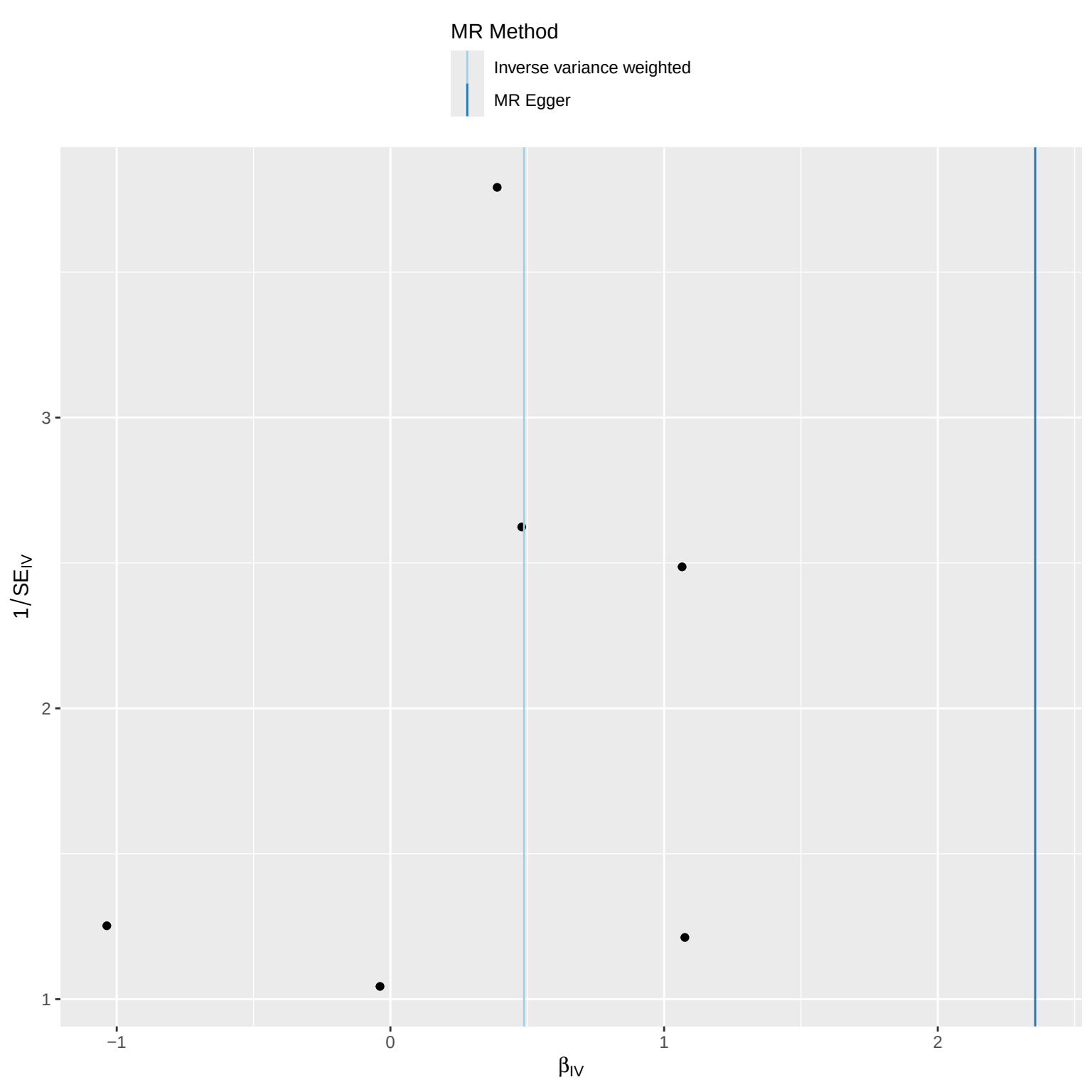

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

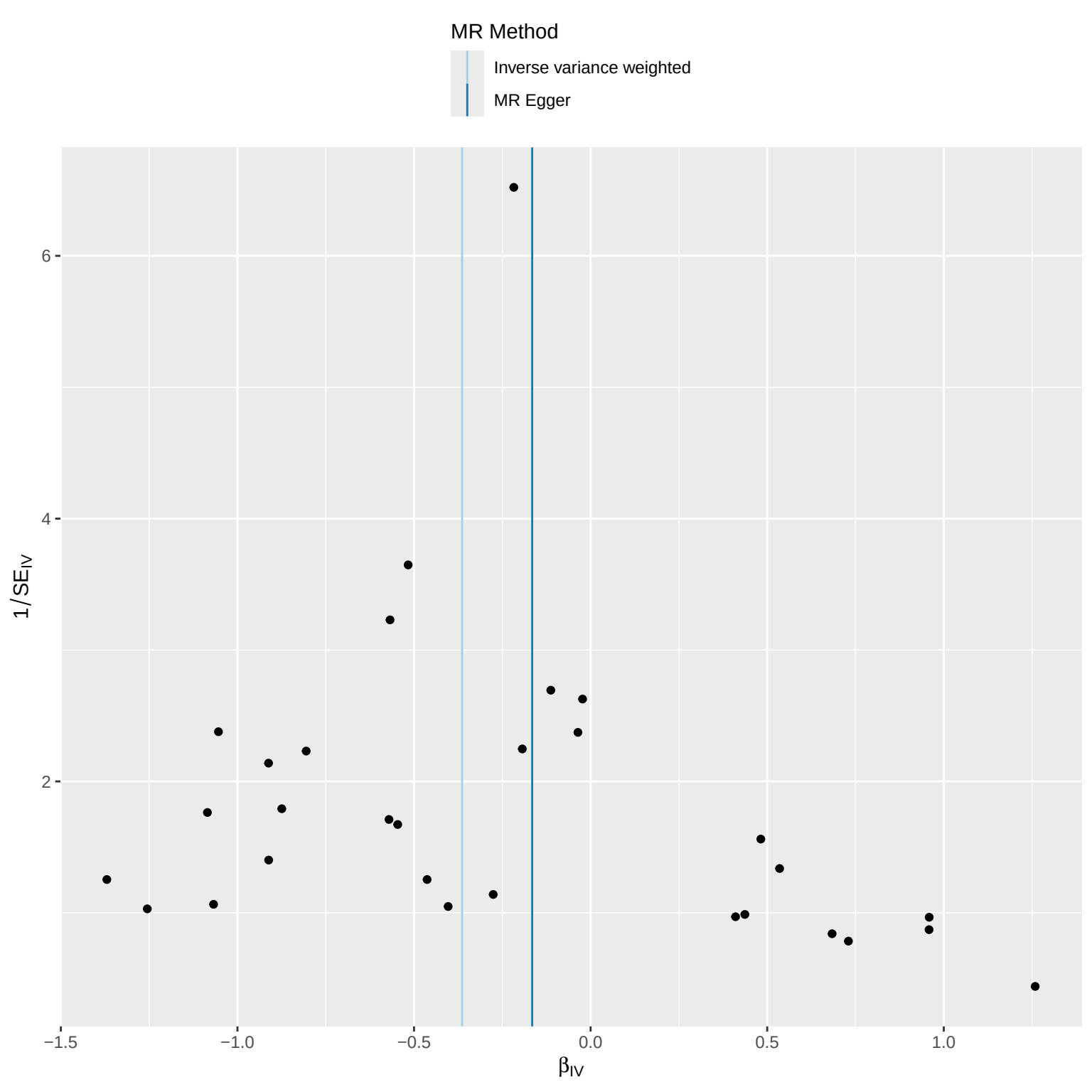

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

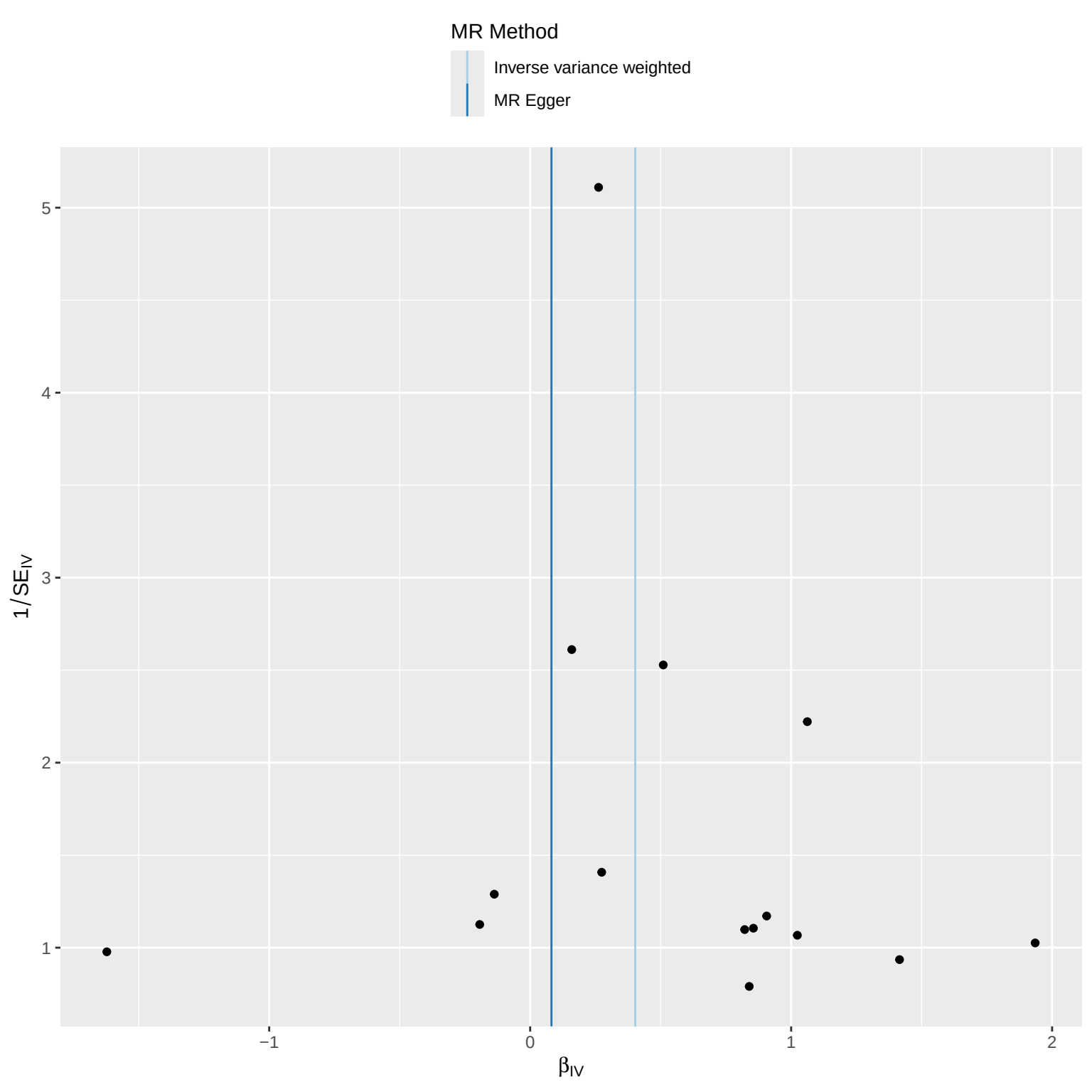

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

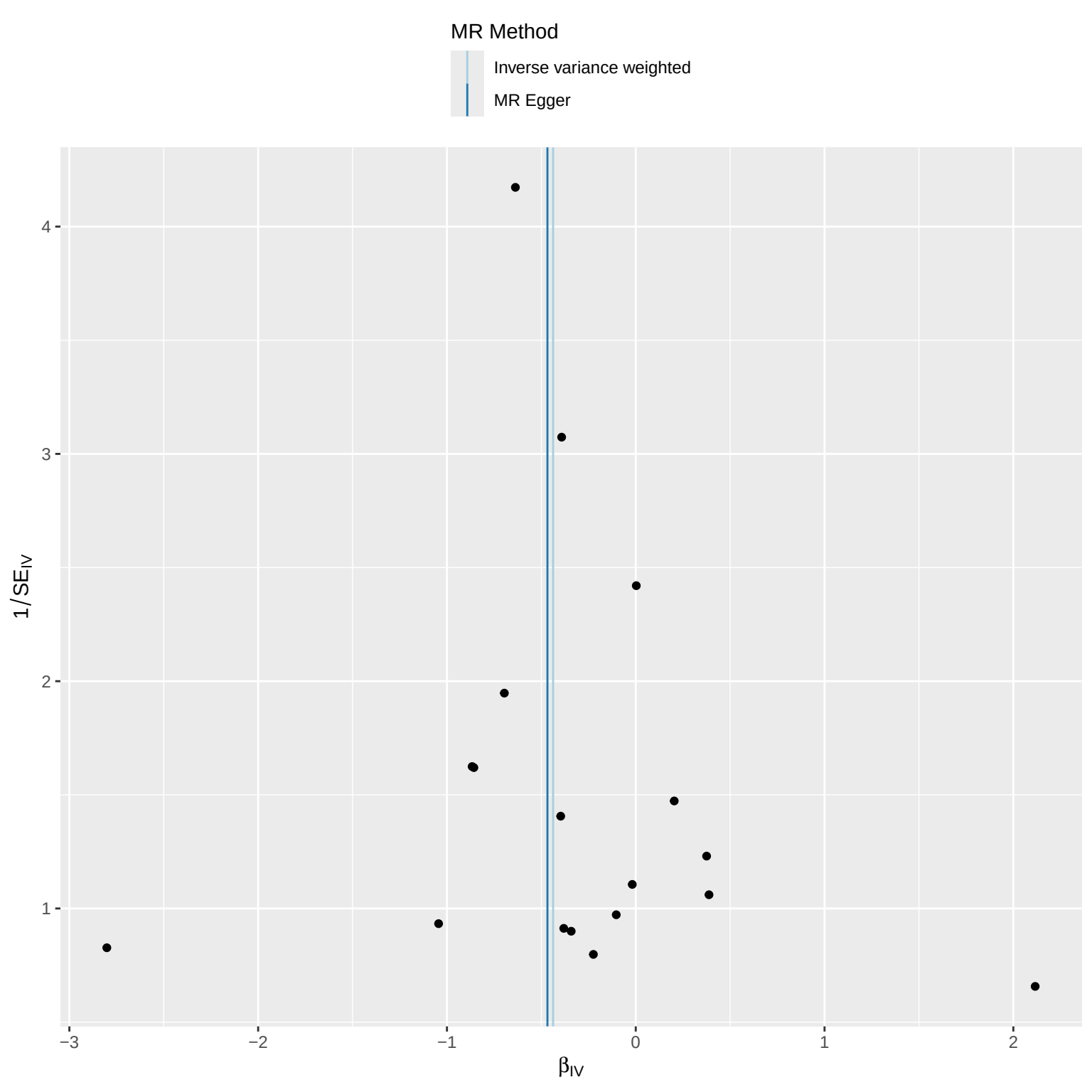

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.2
−1.0
−0.8
−0.6
β_IV

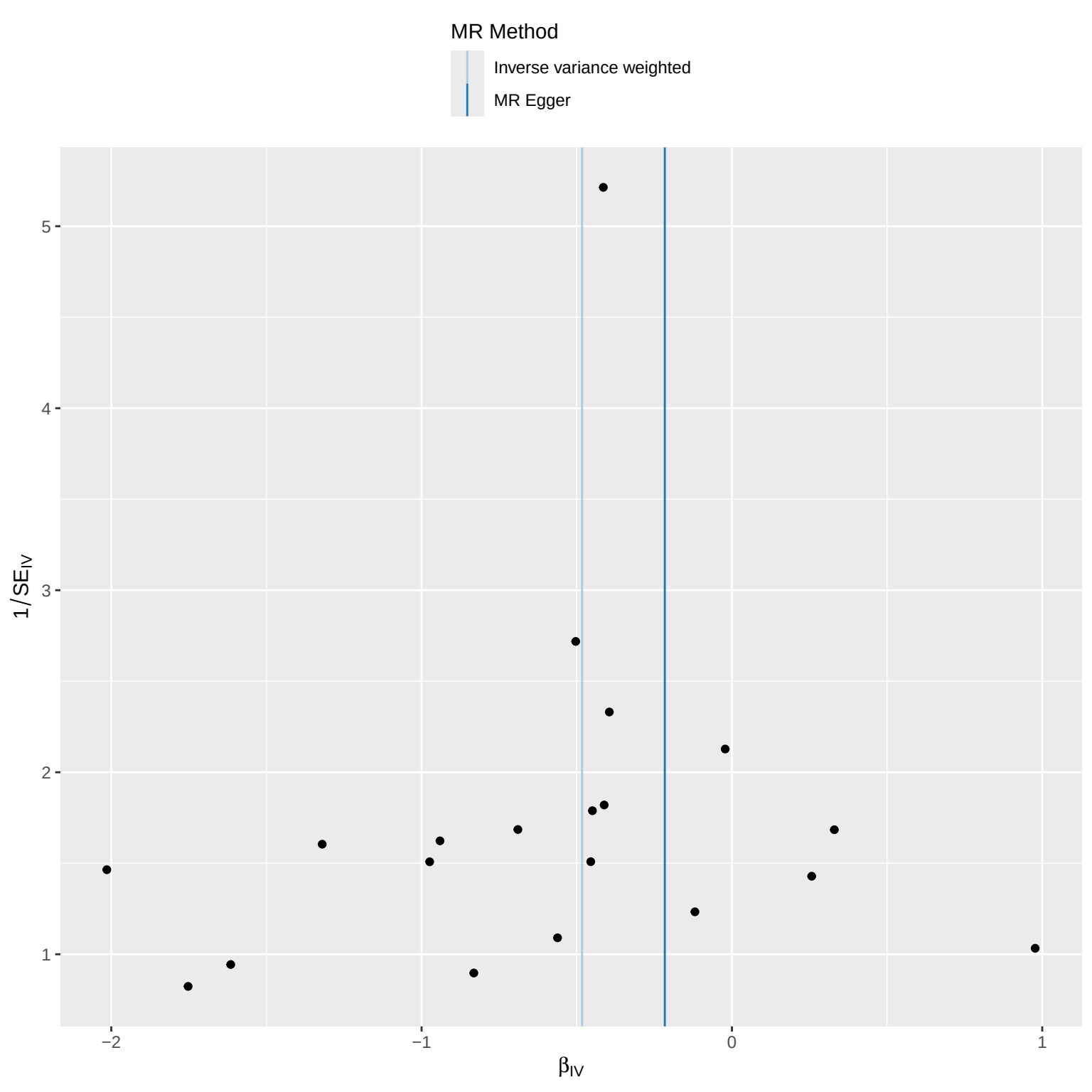

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

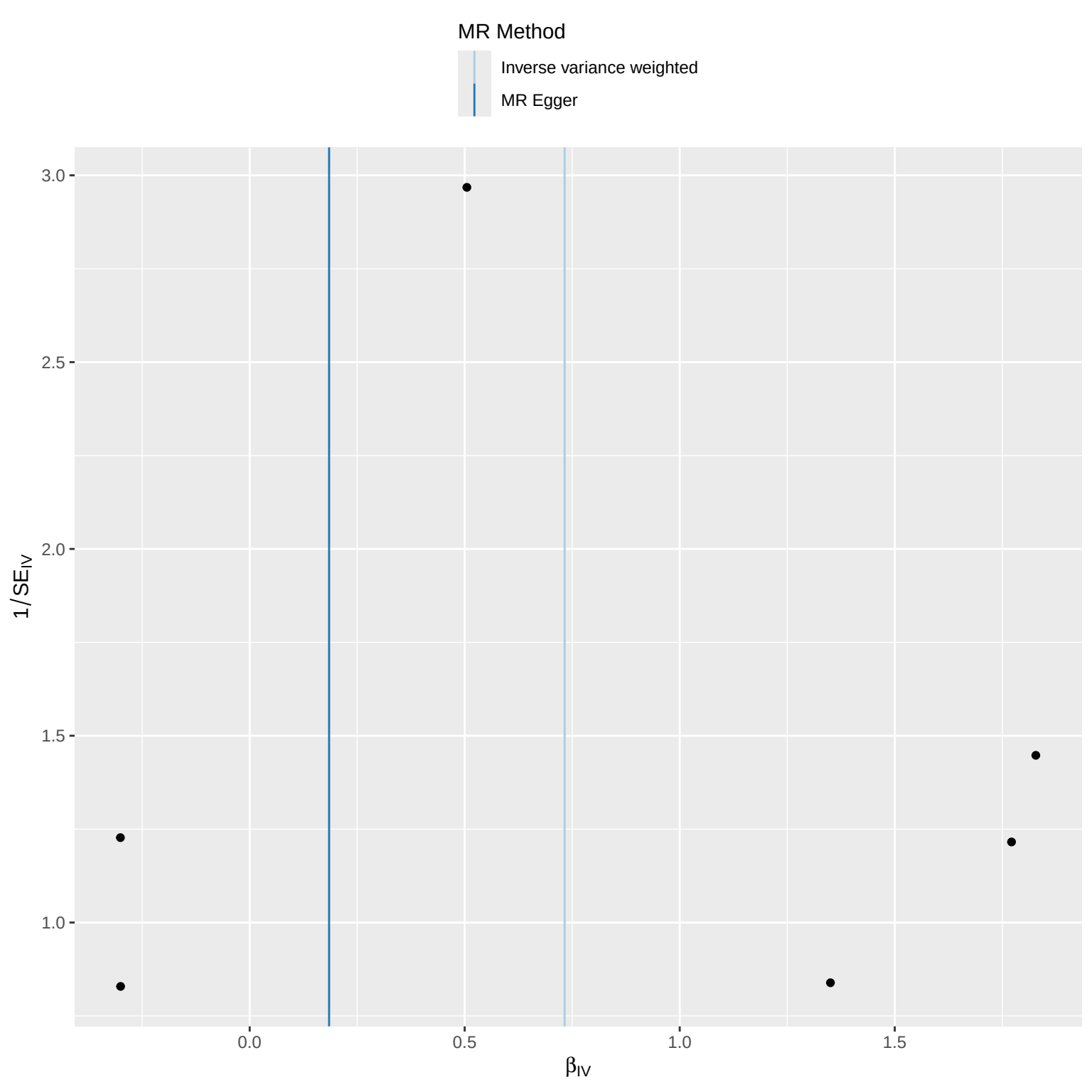

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

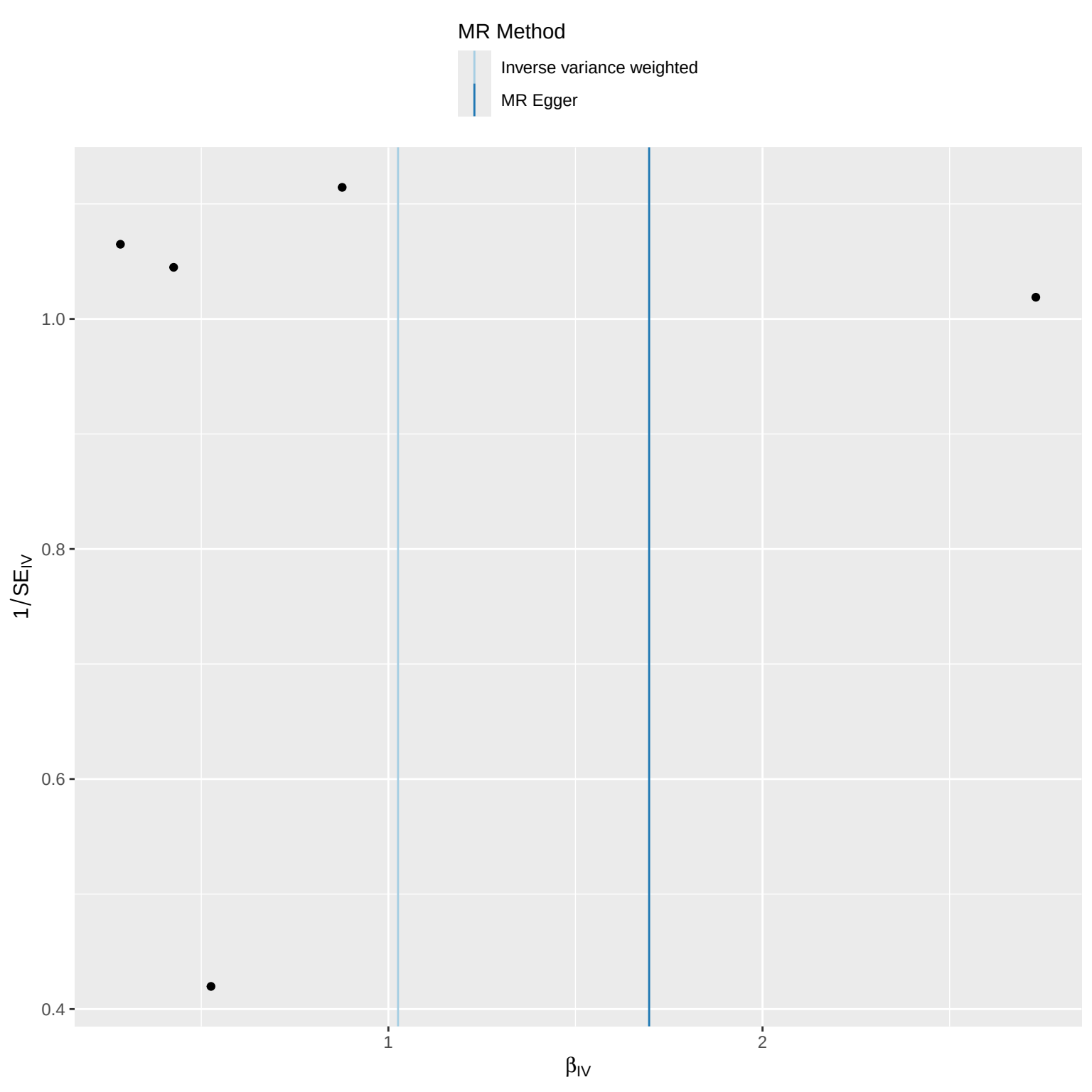

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

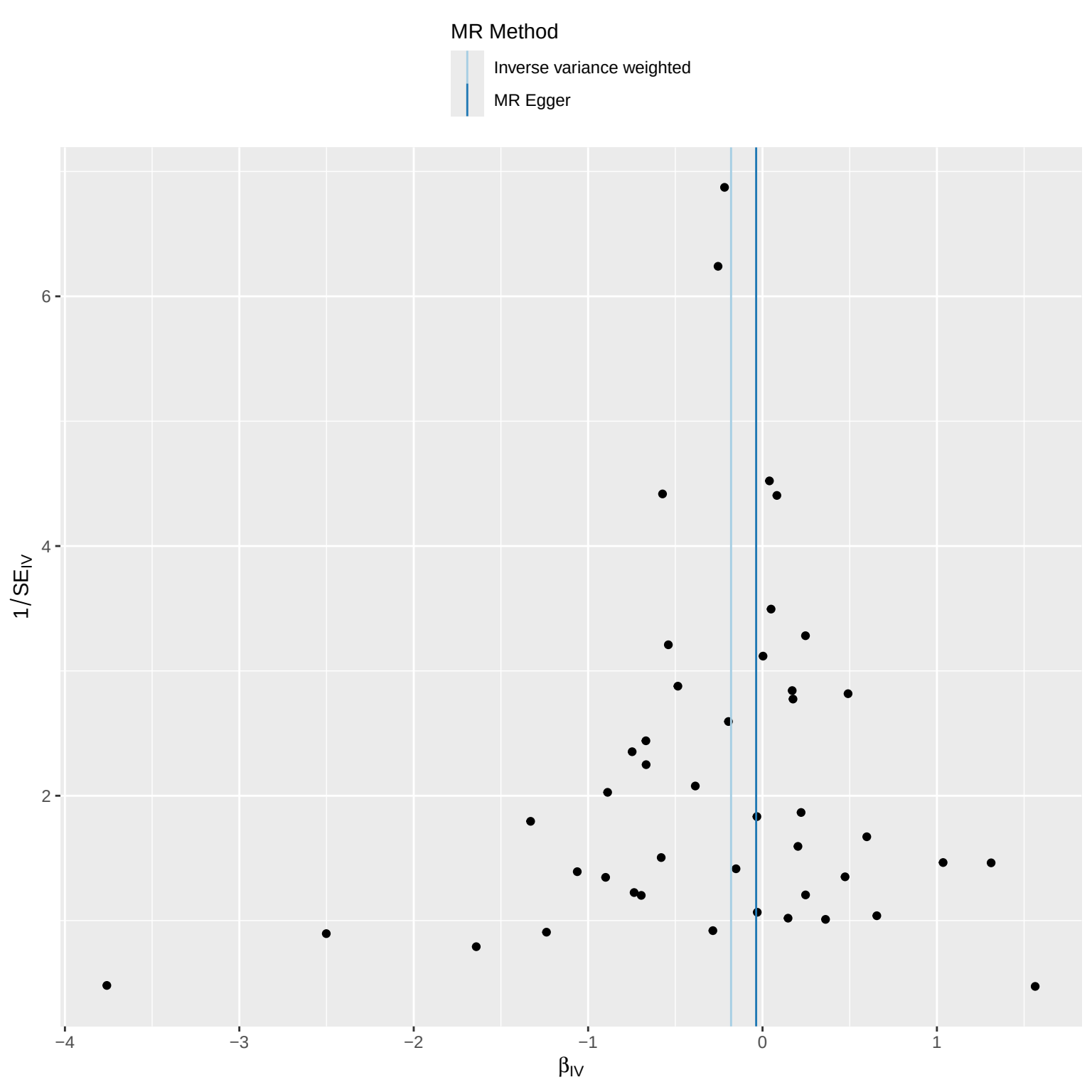

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

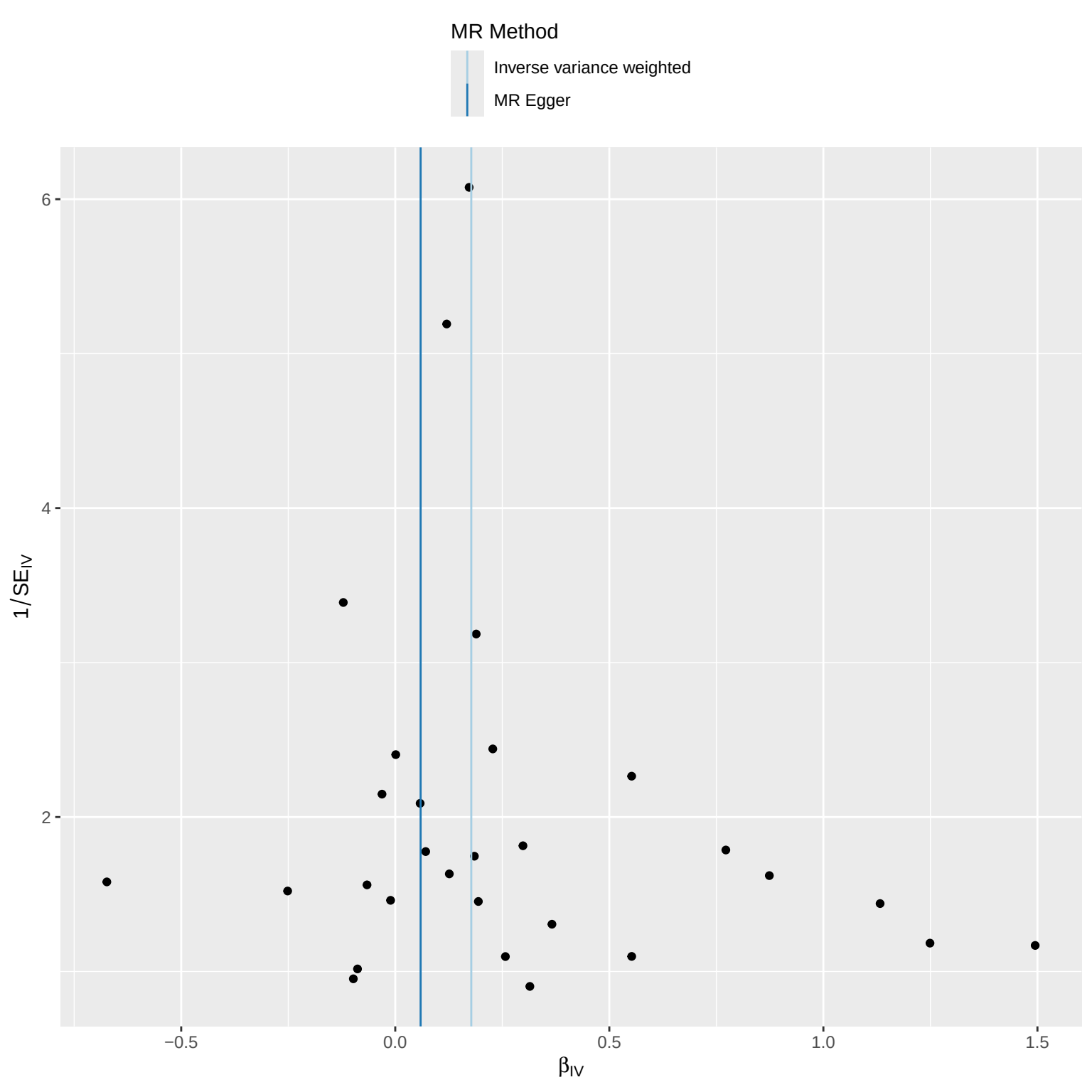

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

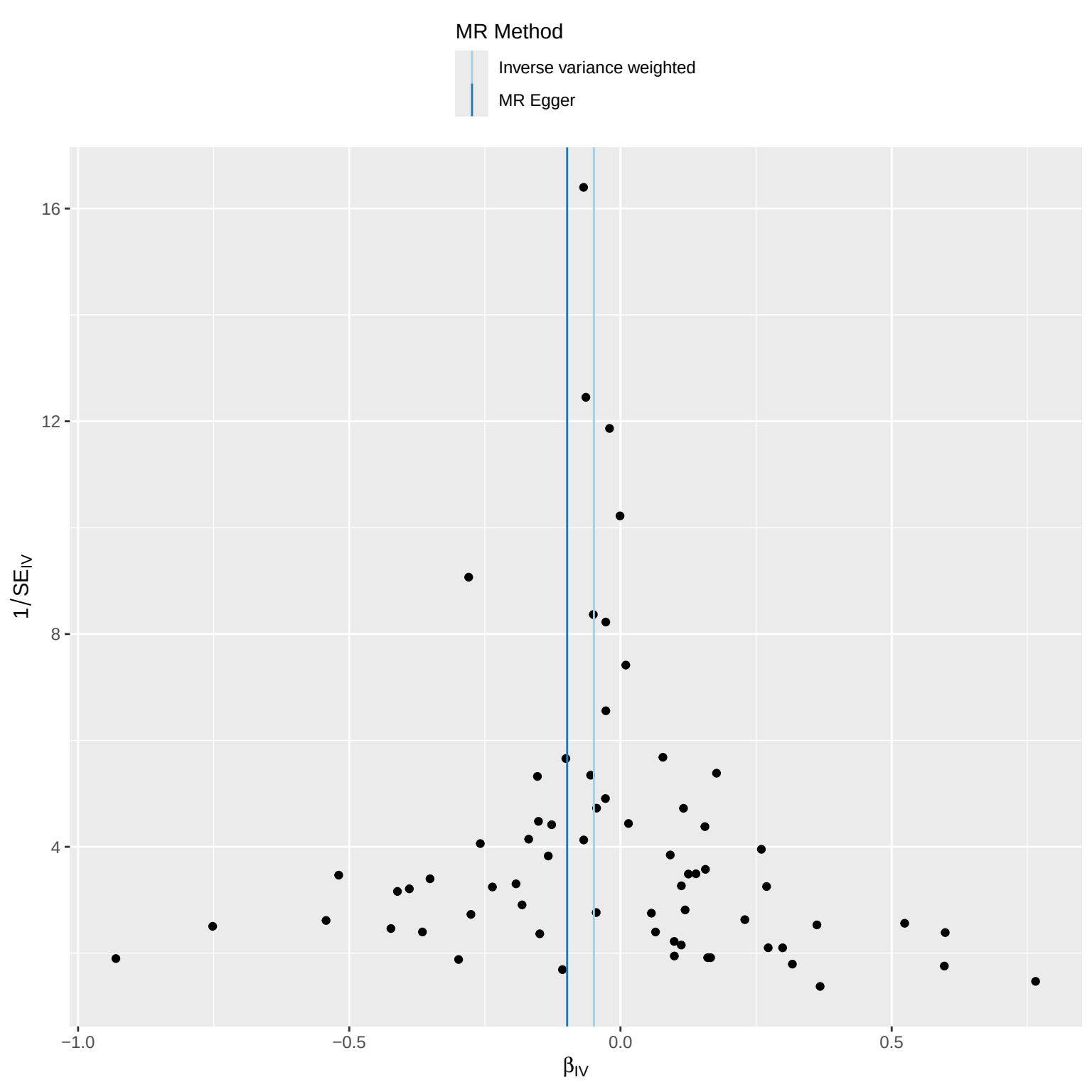

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

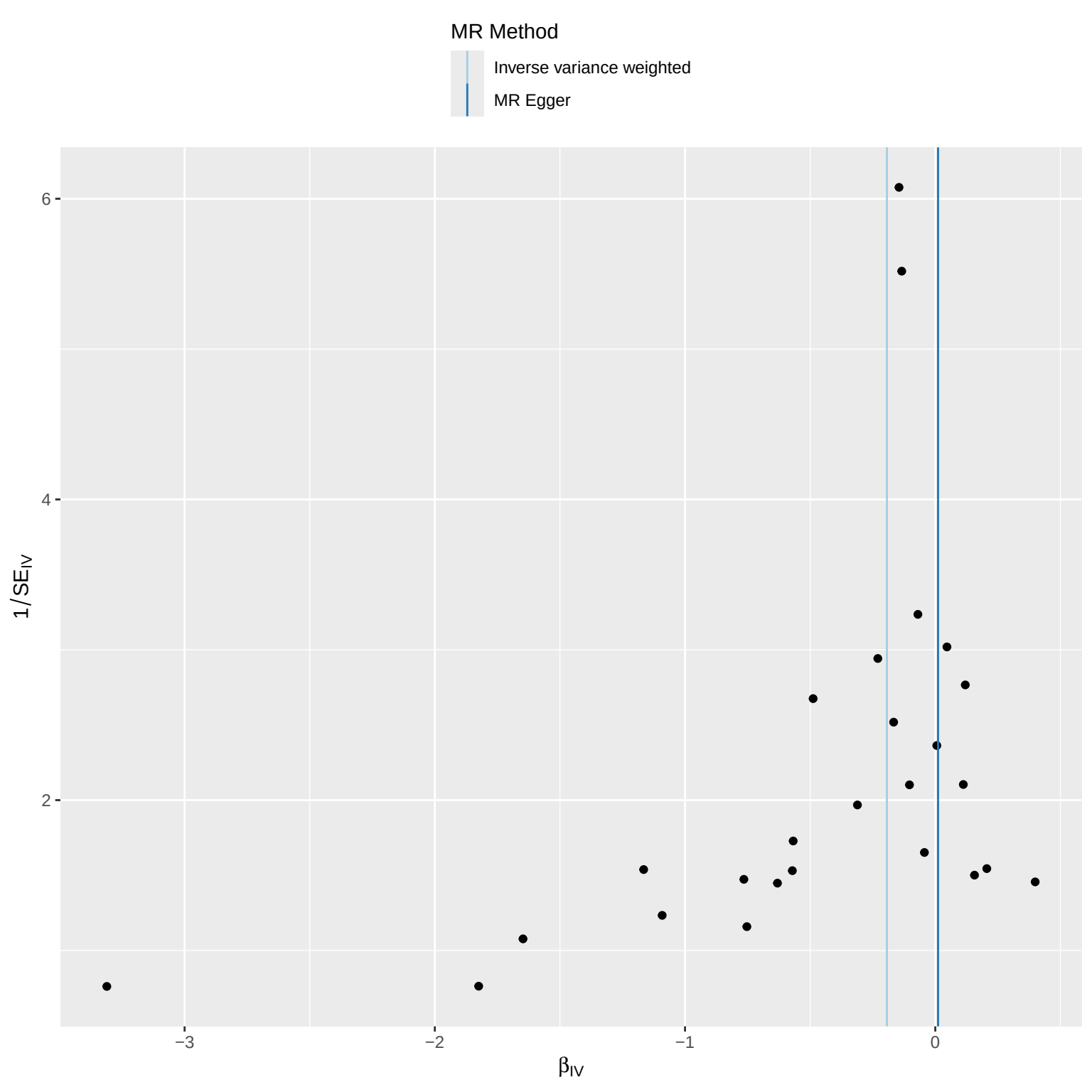

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

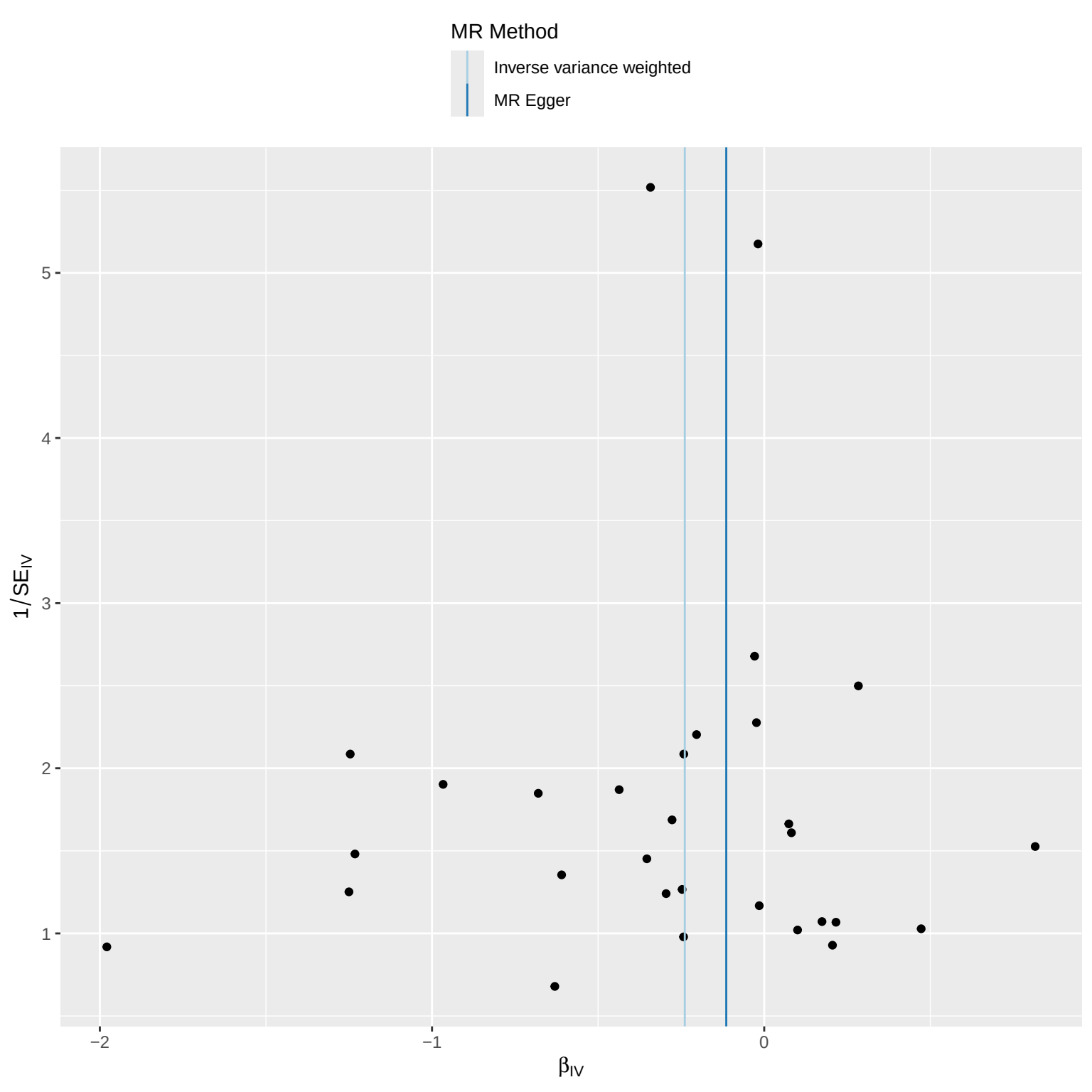

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
1
2
β_IV

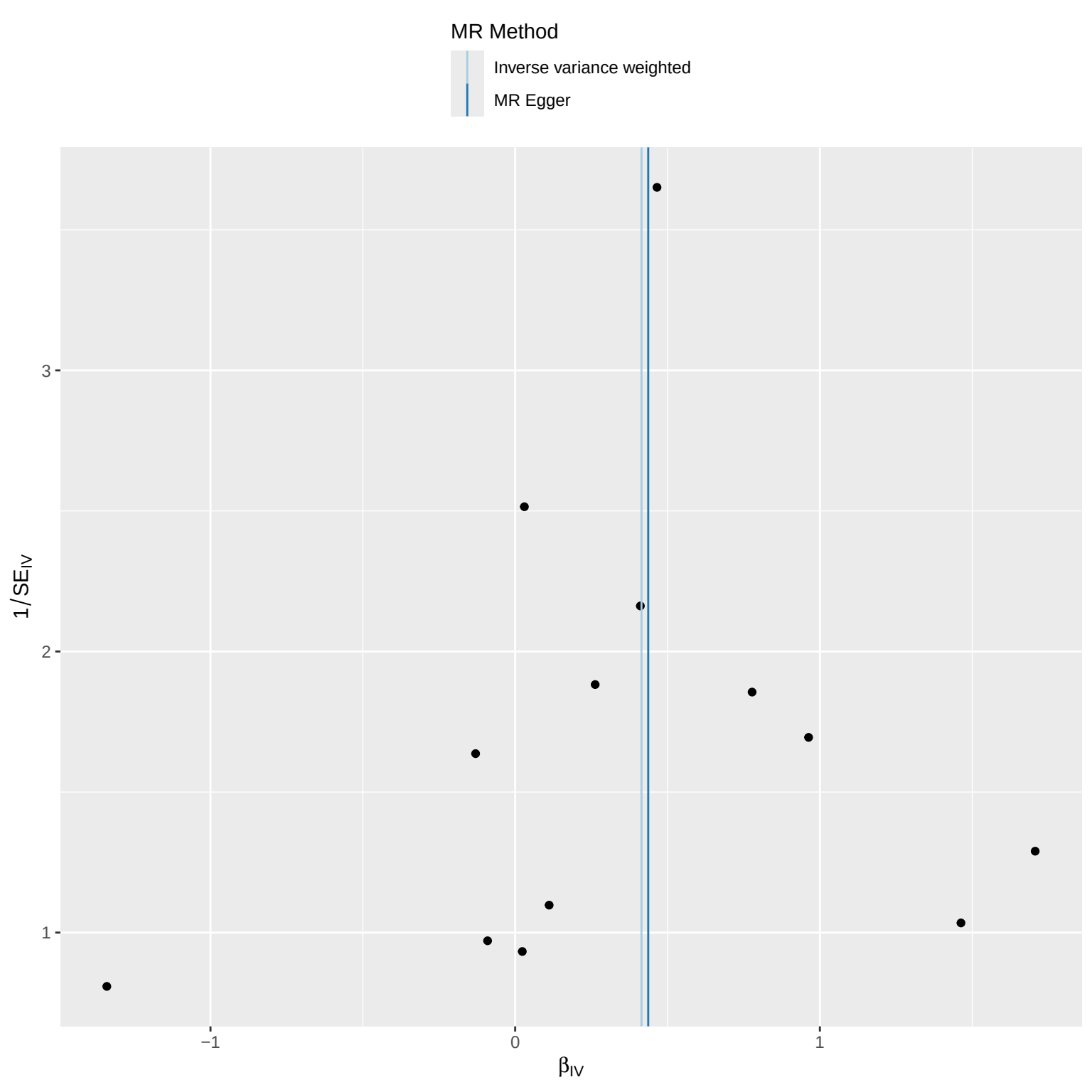

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

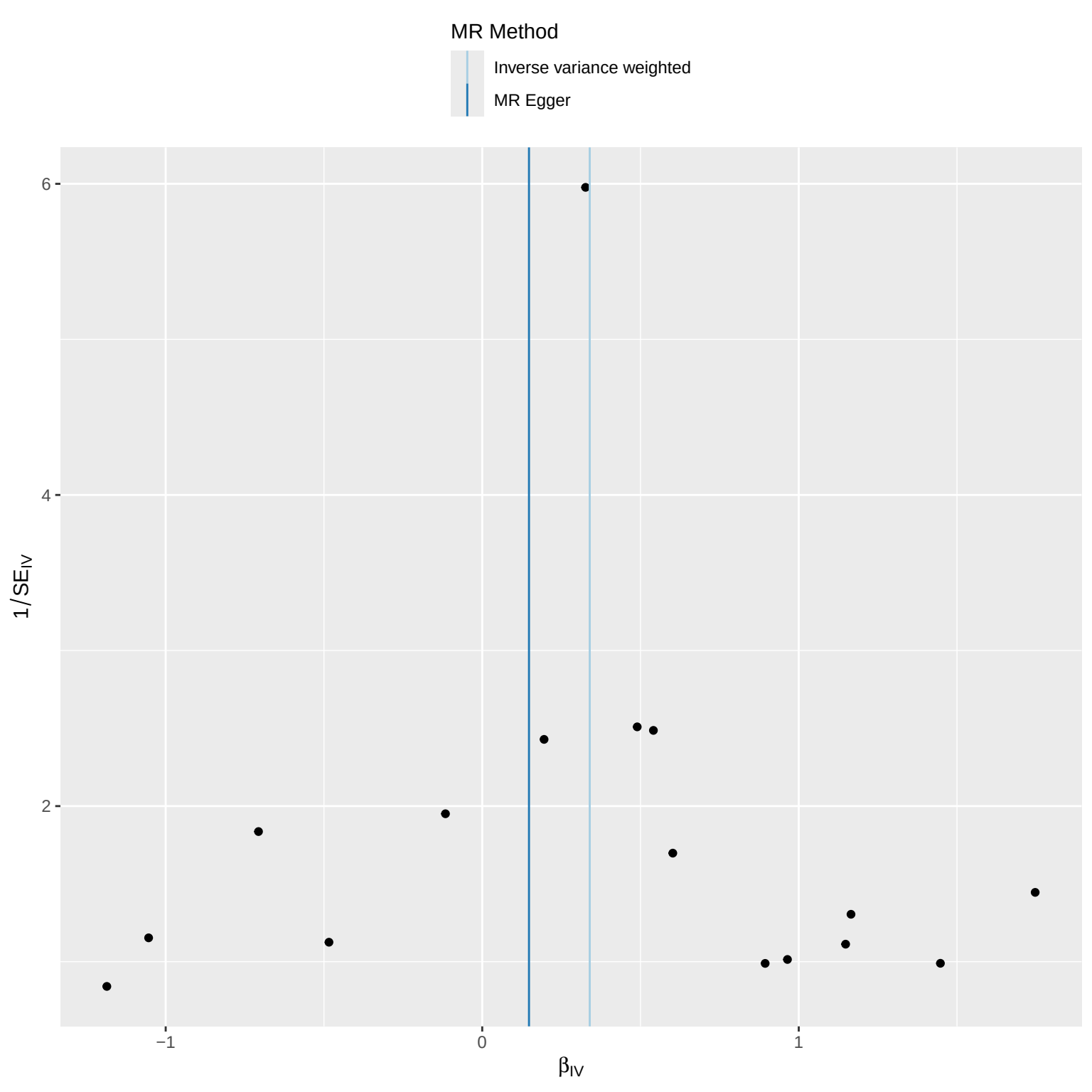

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

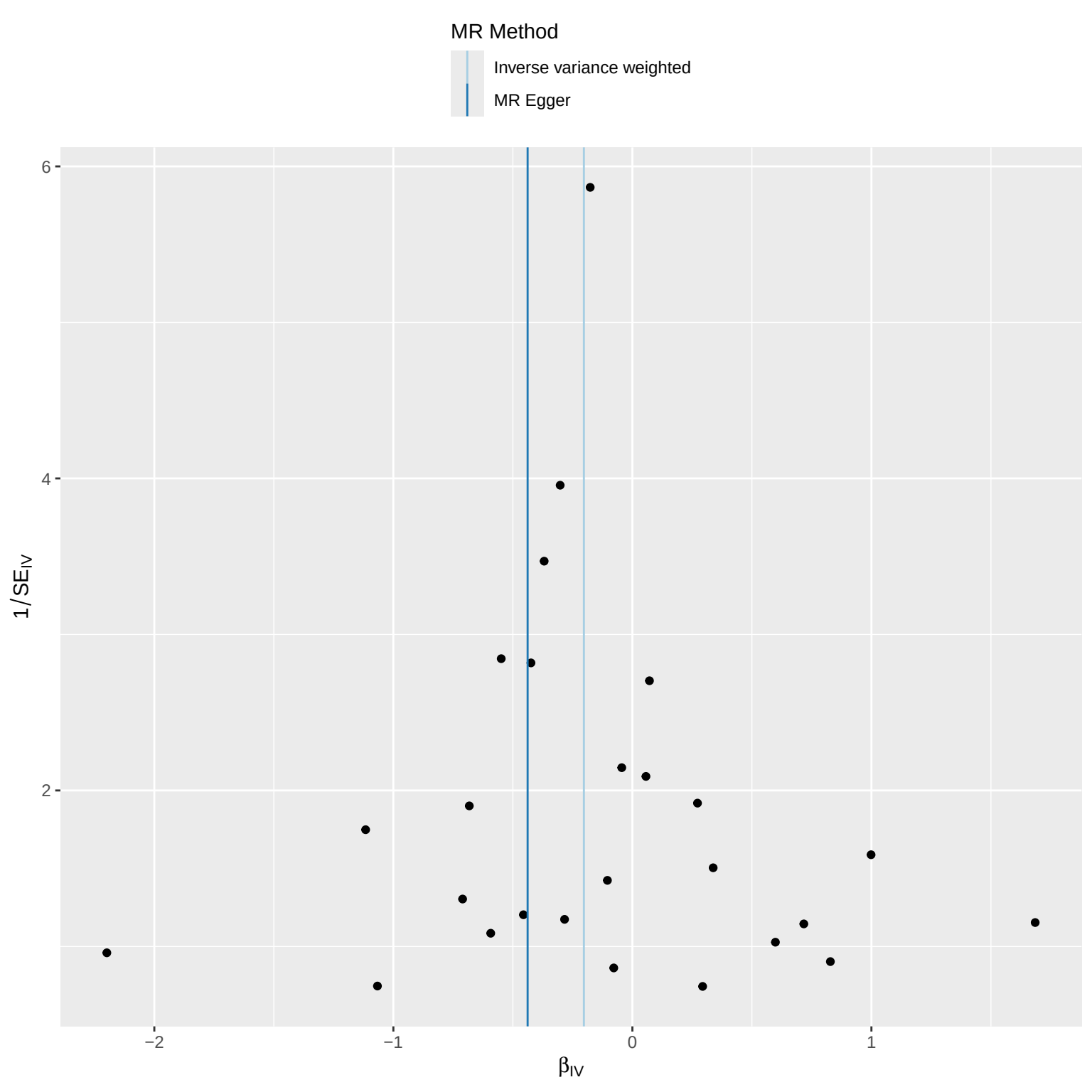

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

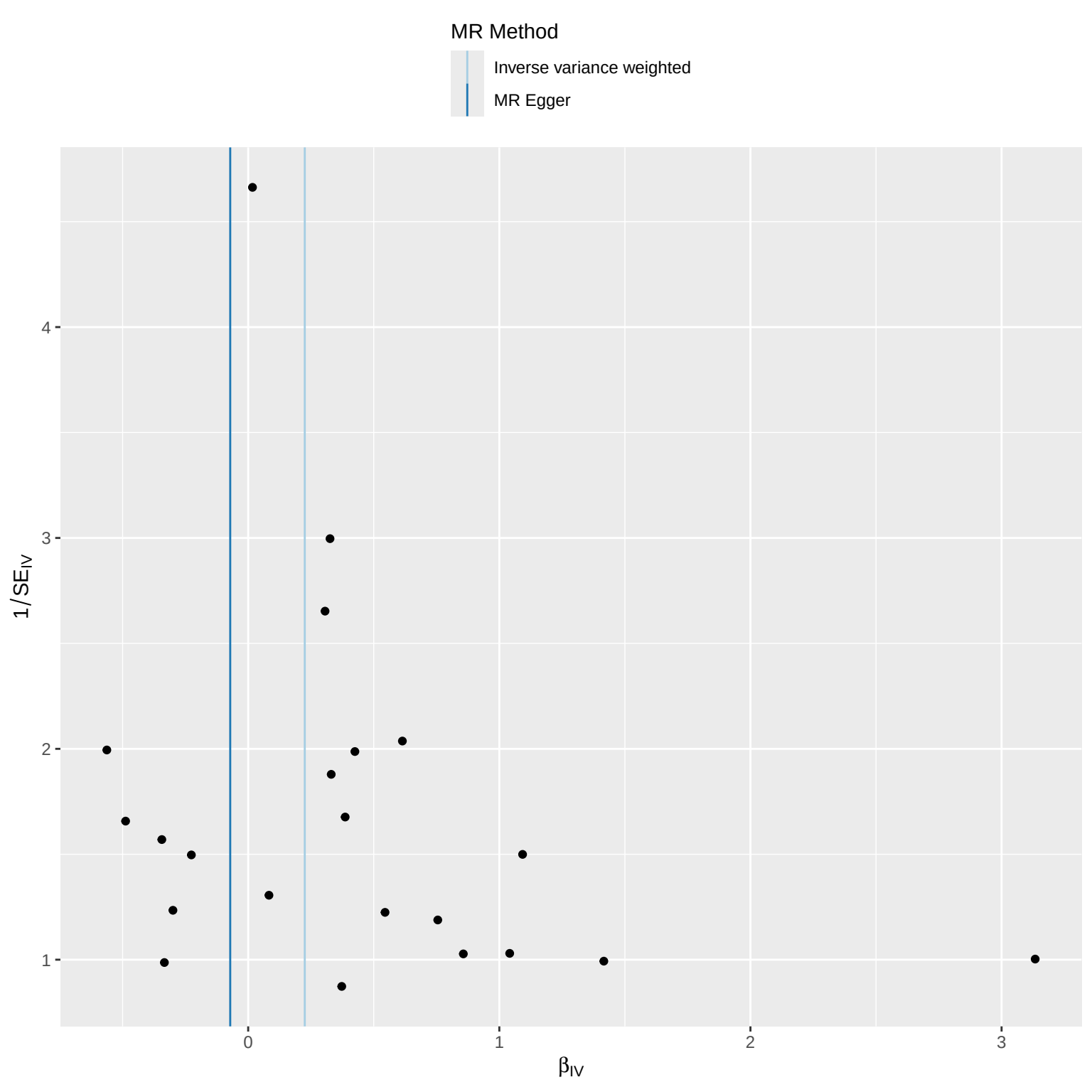

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
β_IV

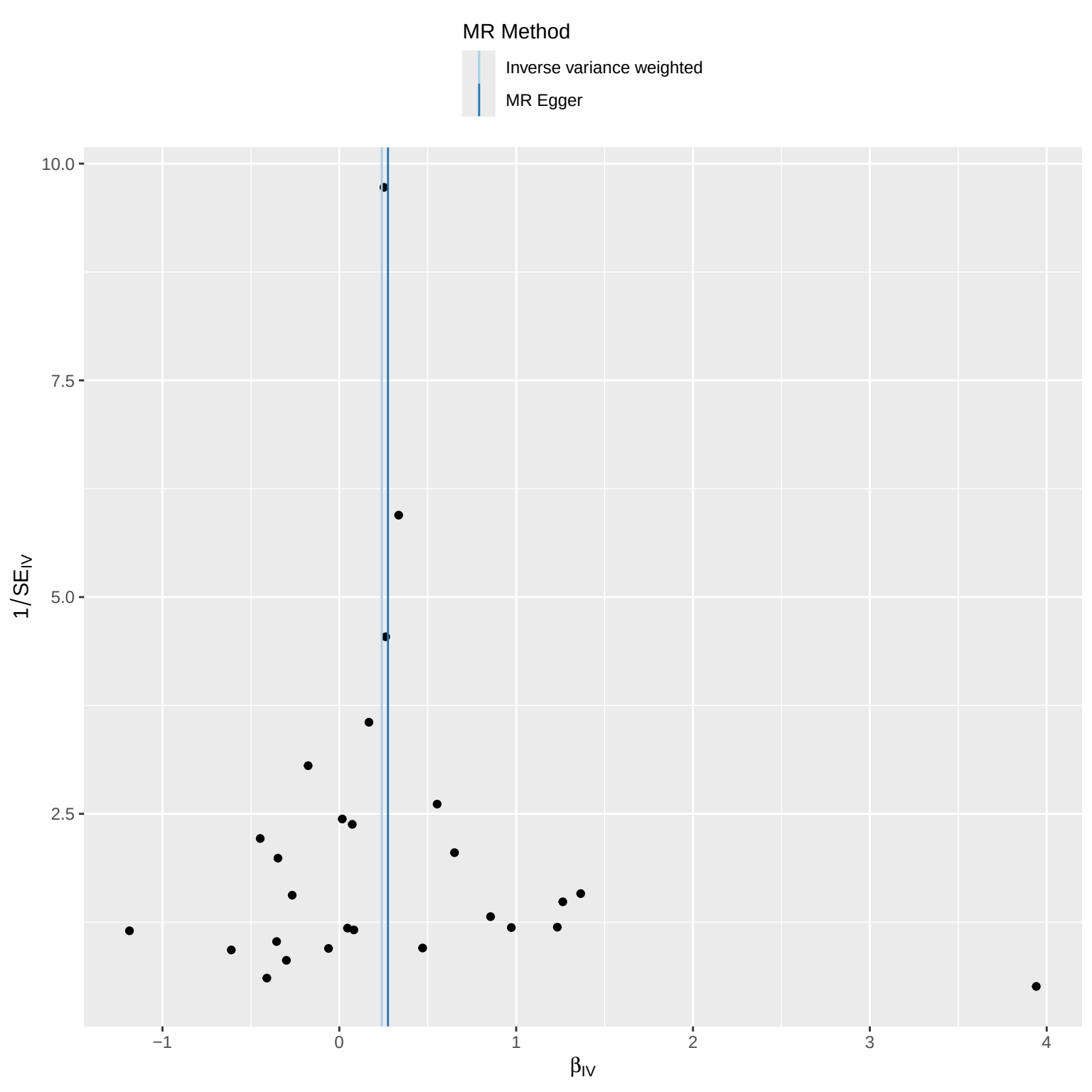

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

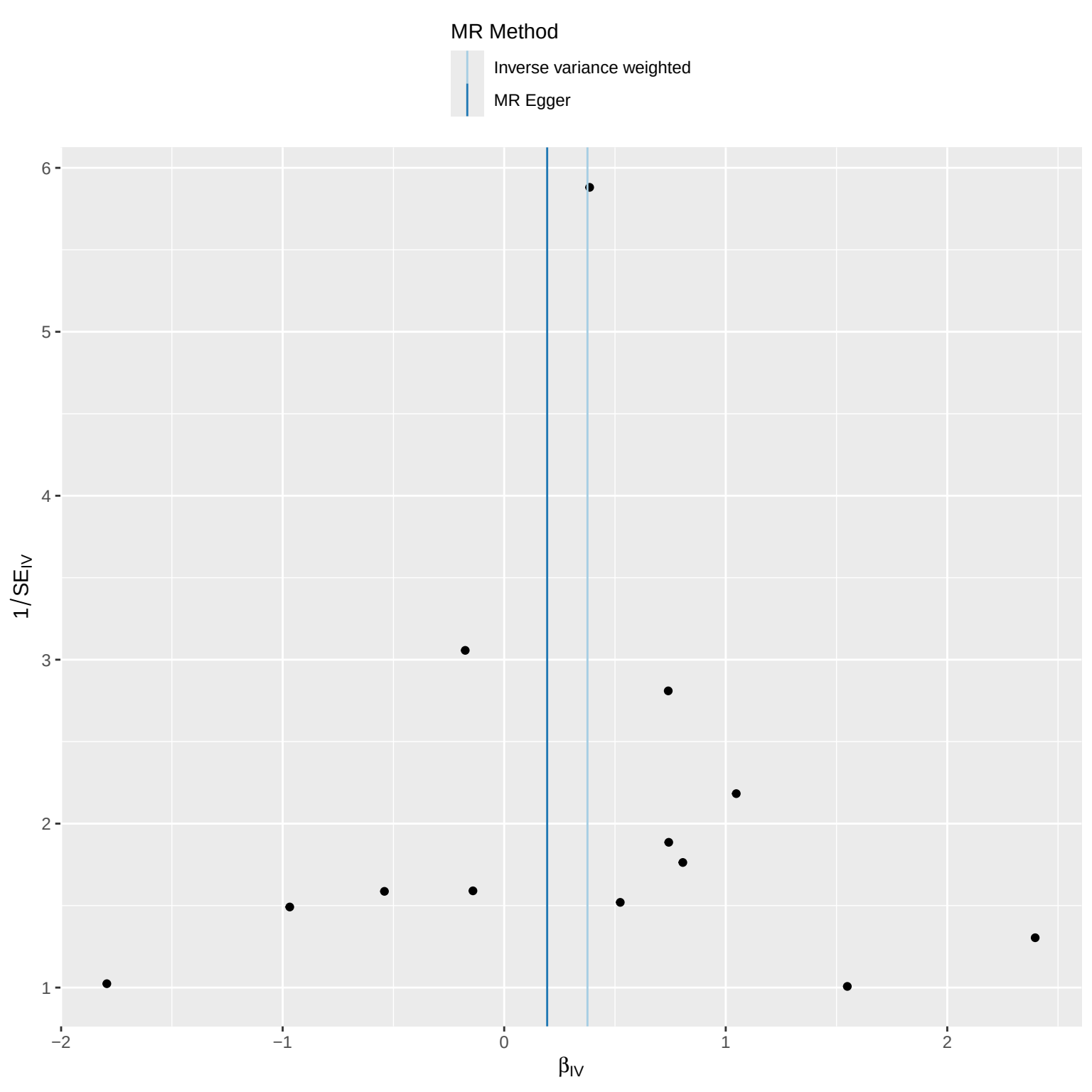

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

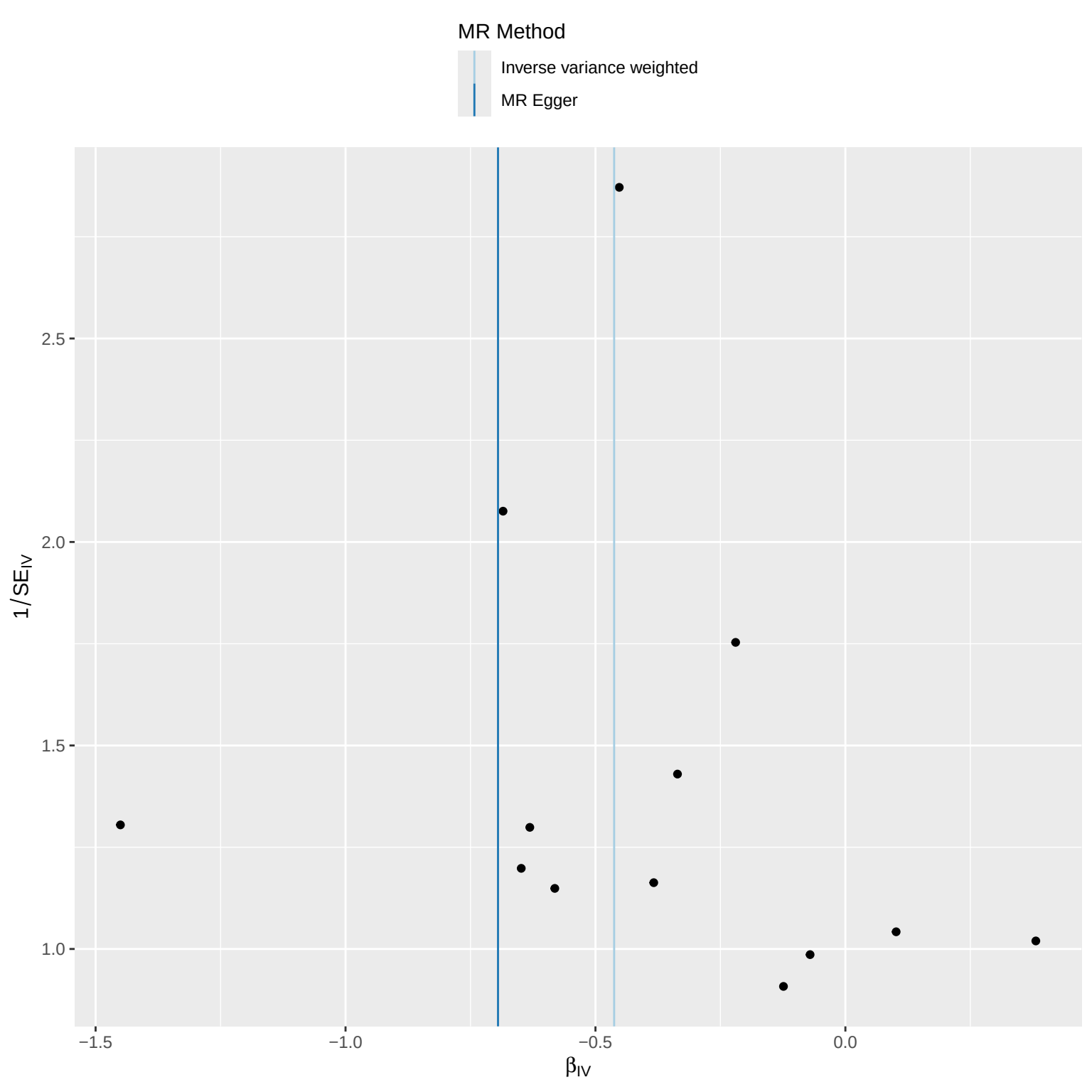

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

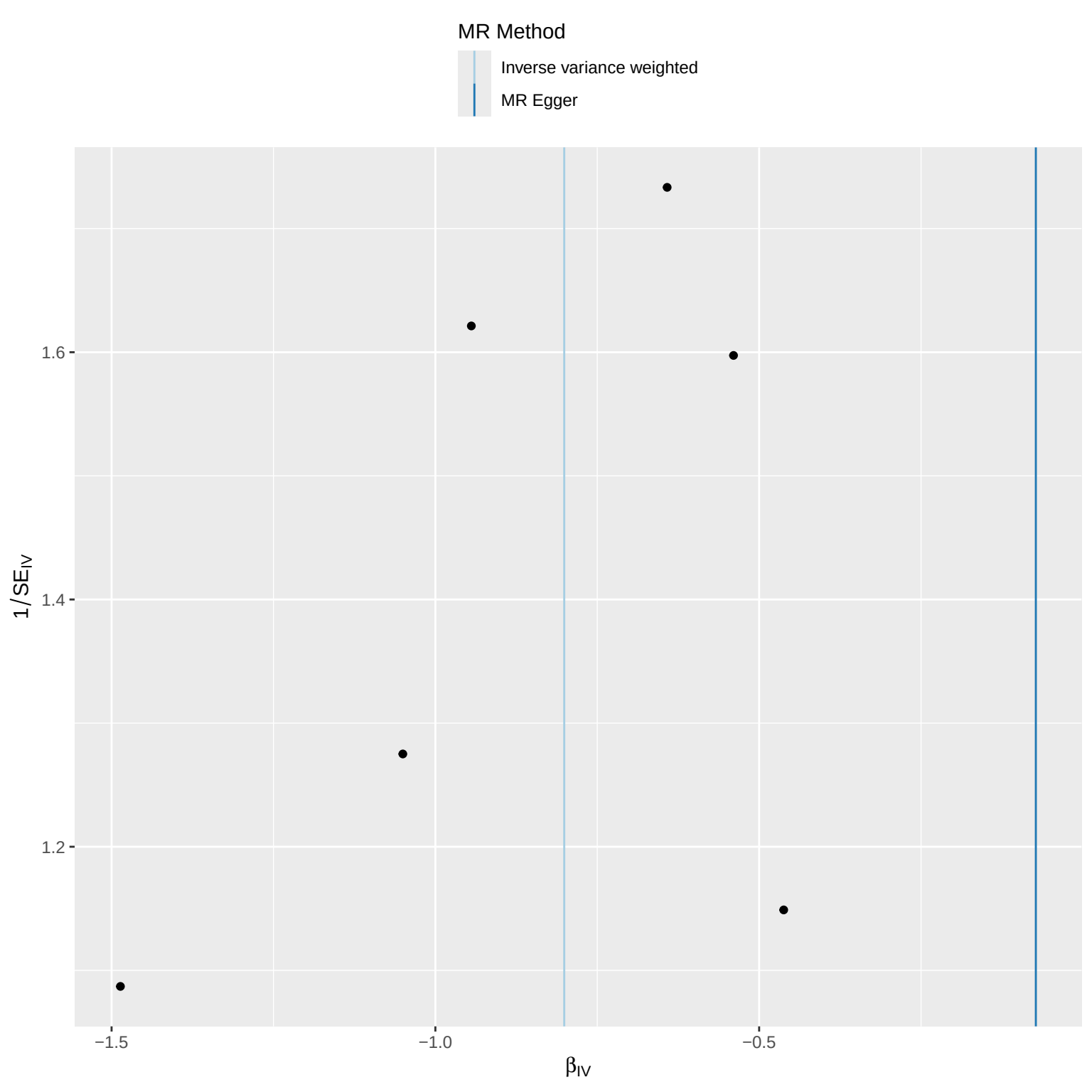

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

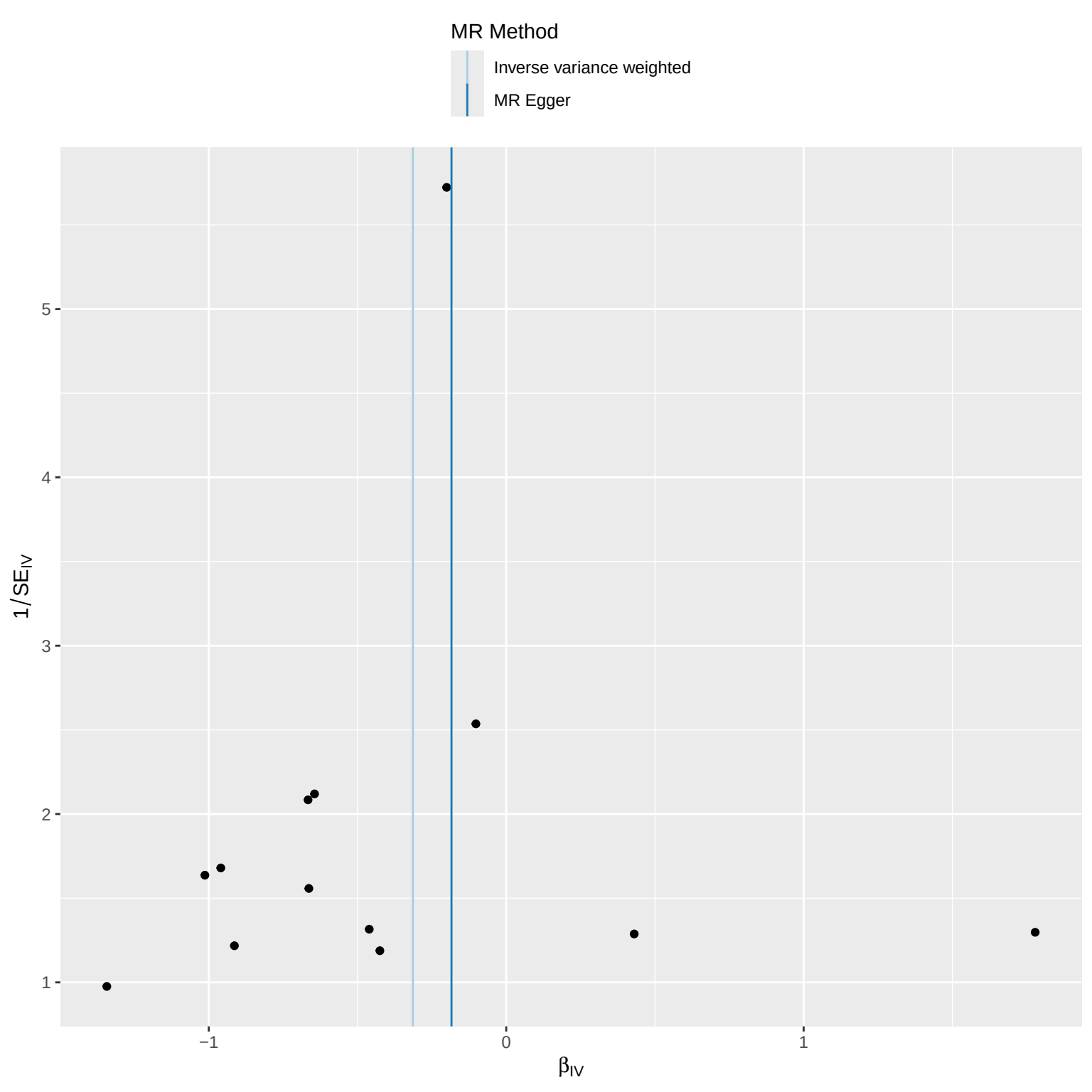

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

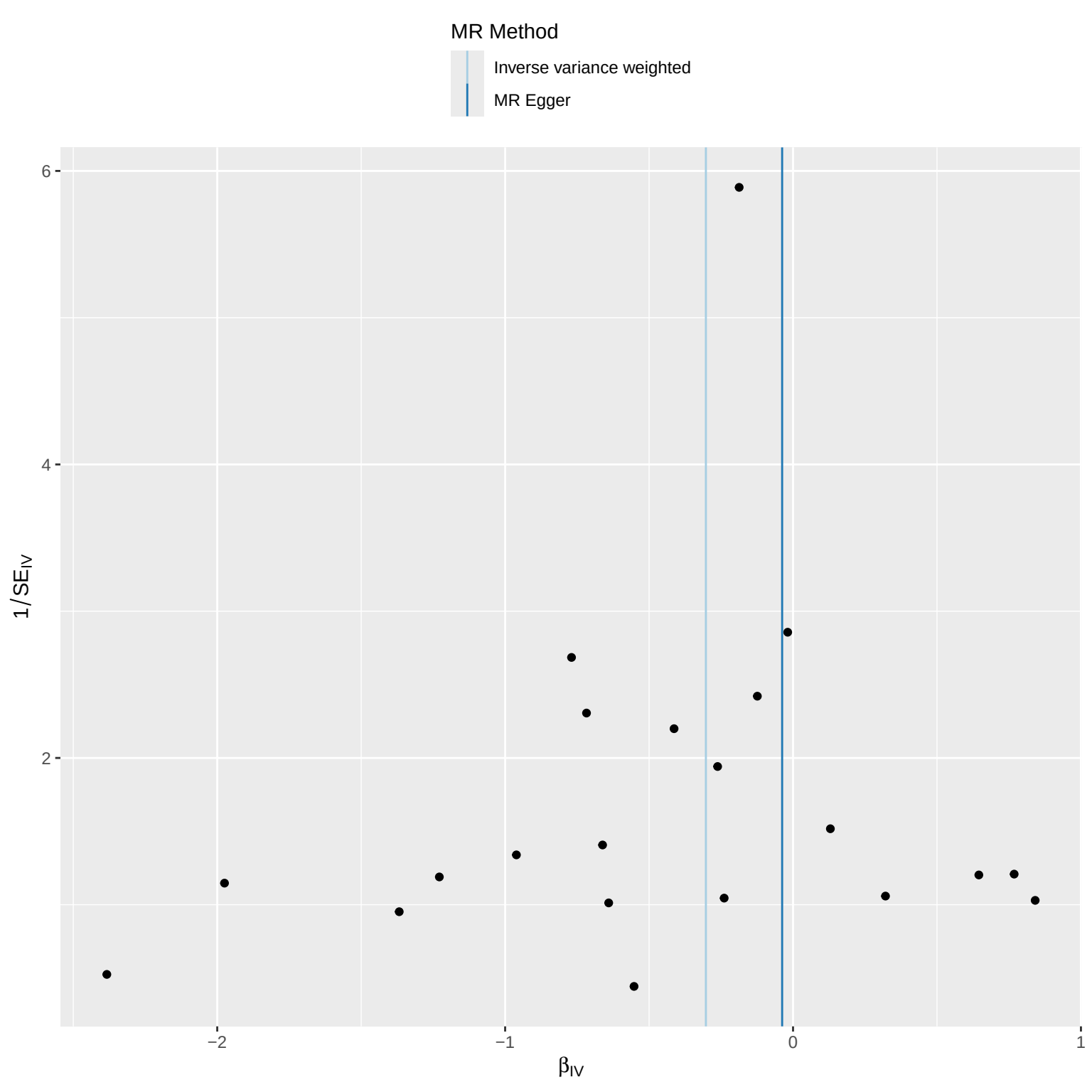

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
3
4
β_IV

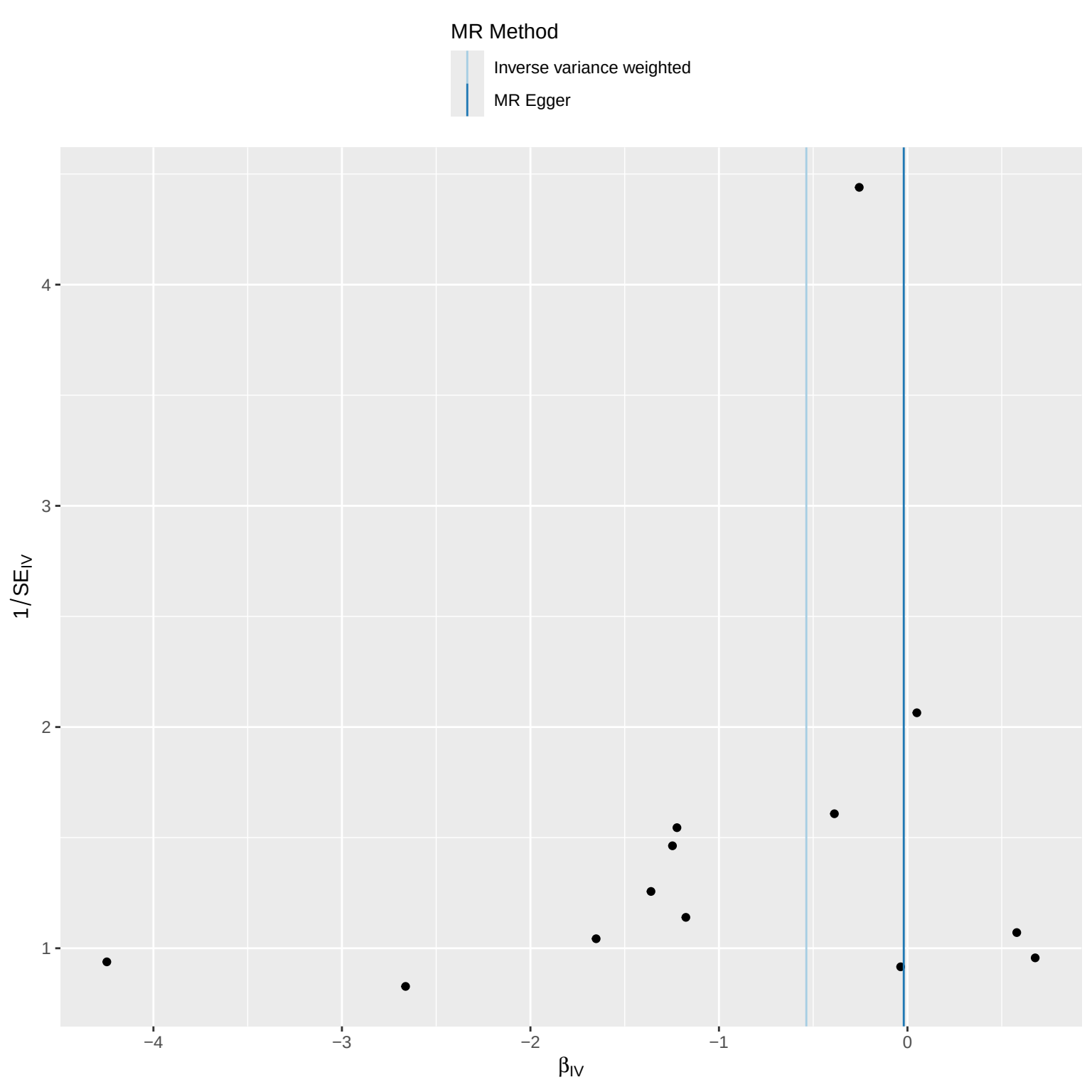

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

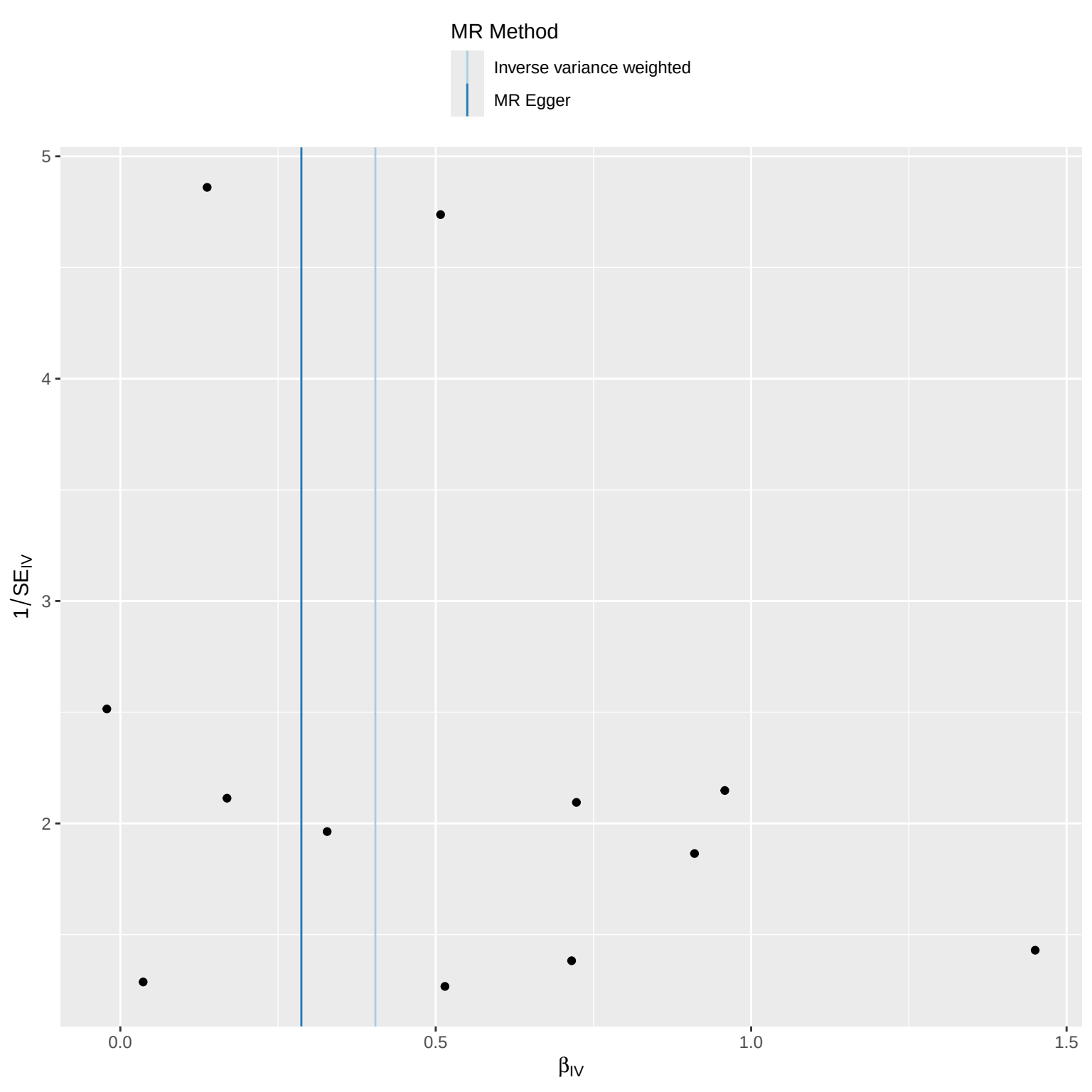

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

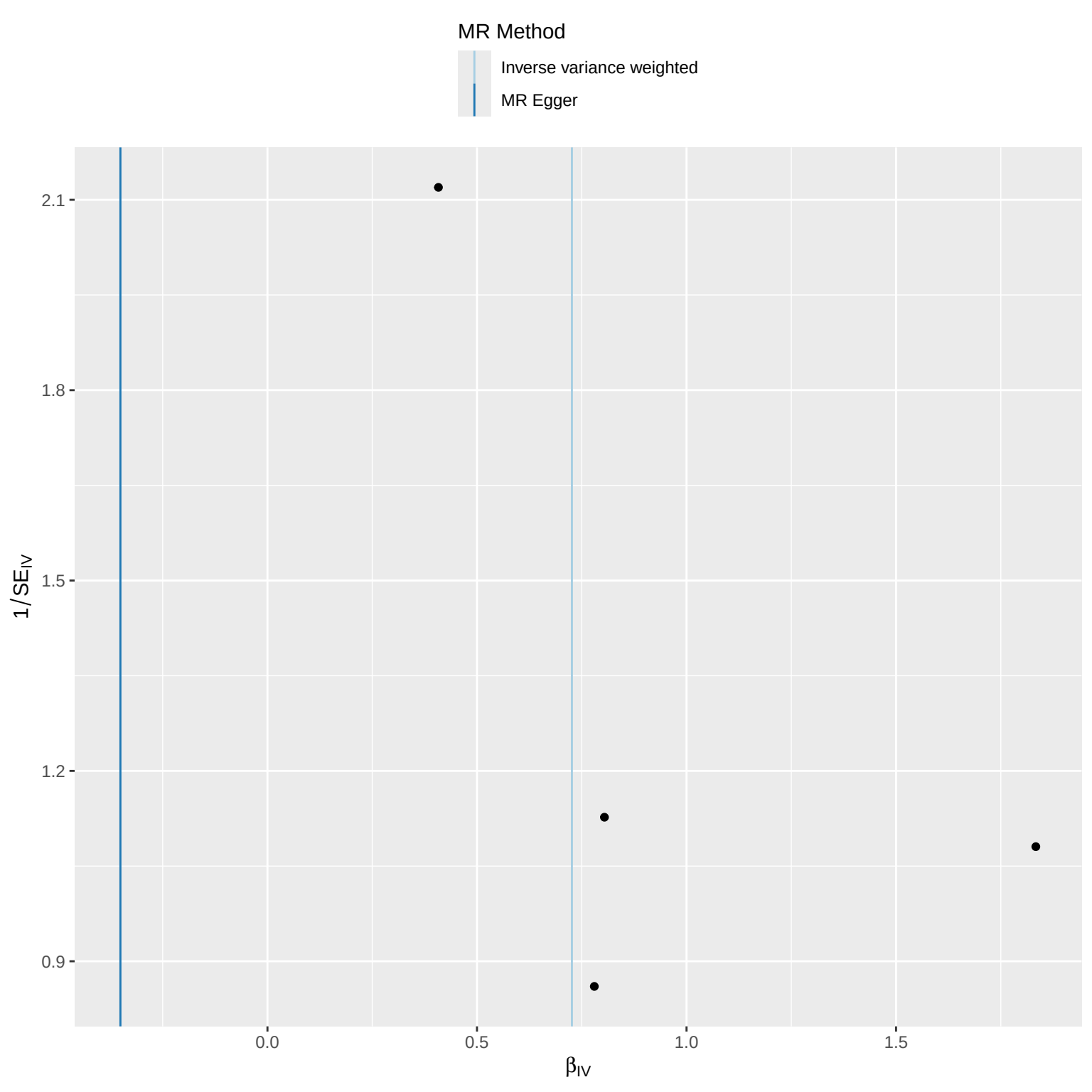

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1/SE_IV
−1.5
−1.0
−0.5
β_IV

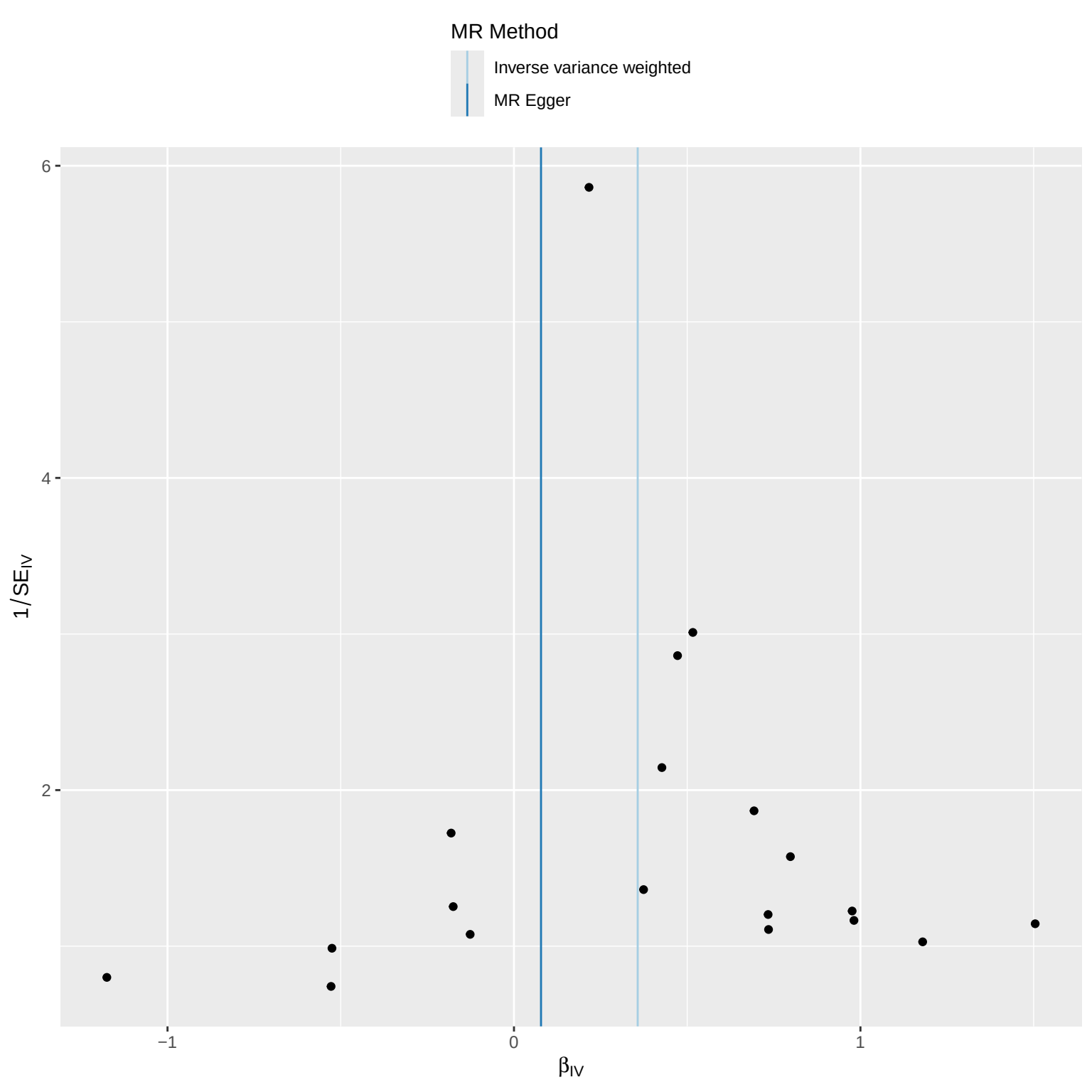

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

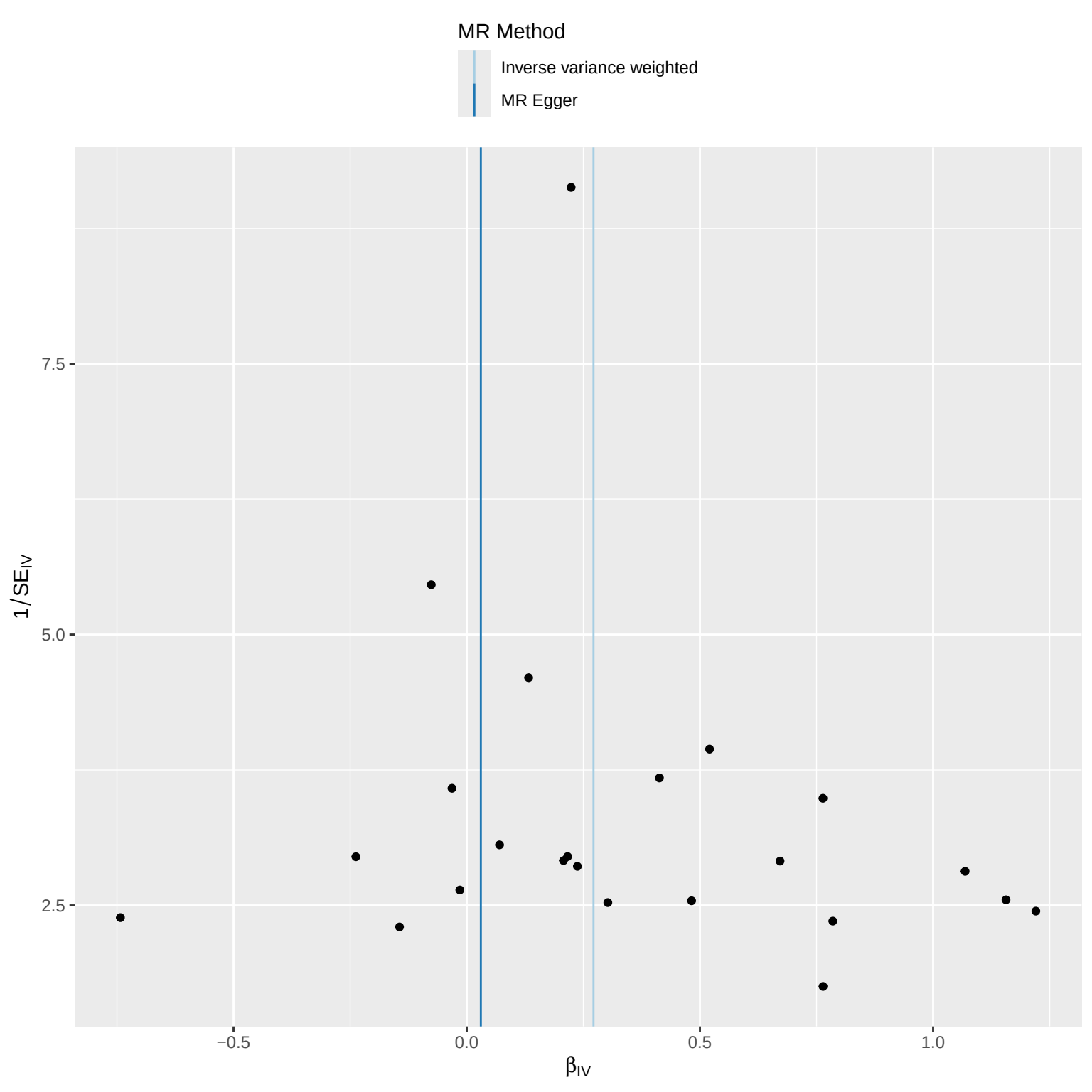

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

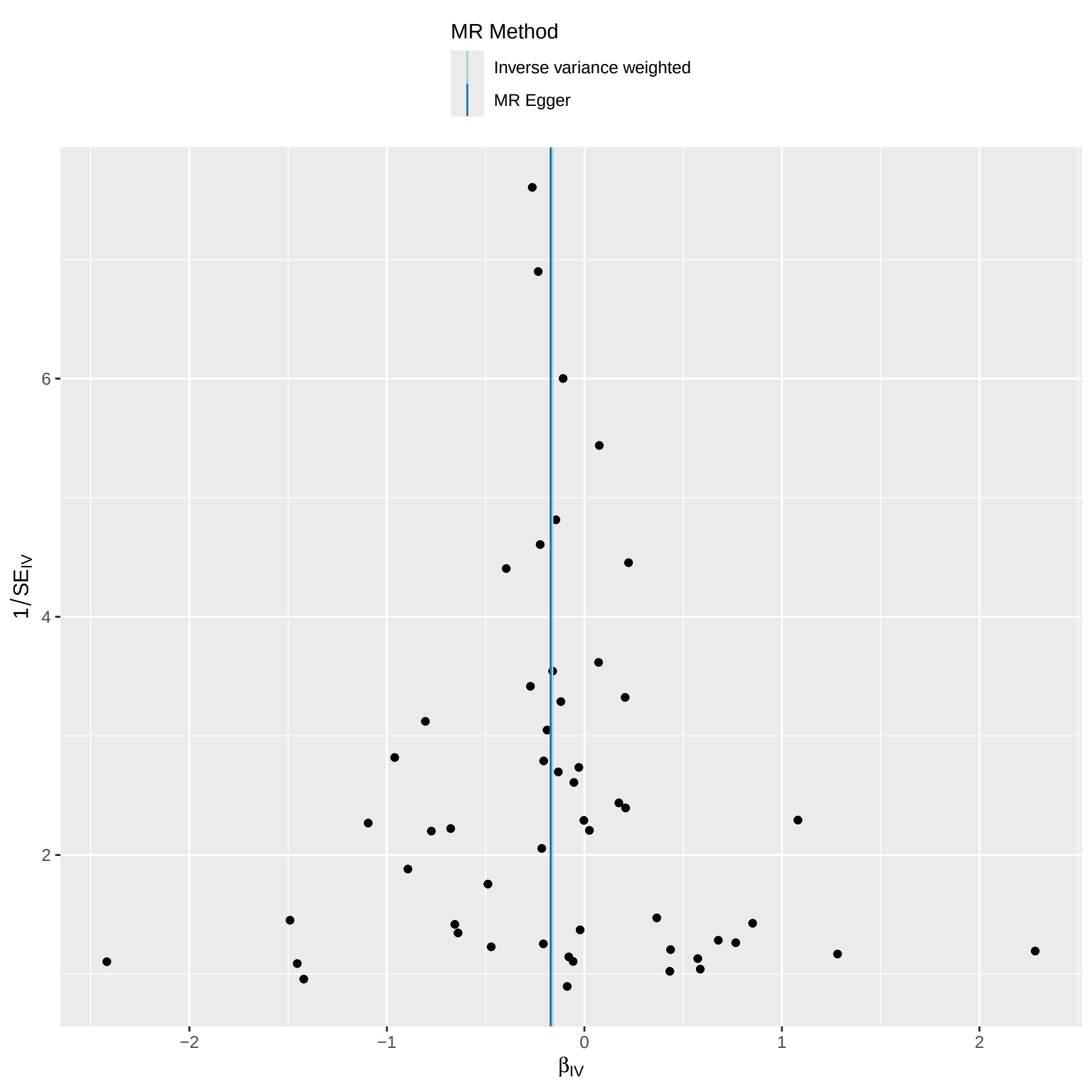

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−3
−2
−1
0
β_IV

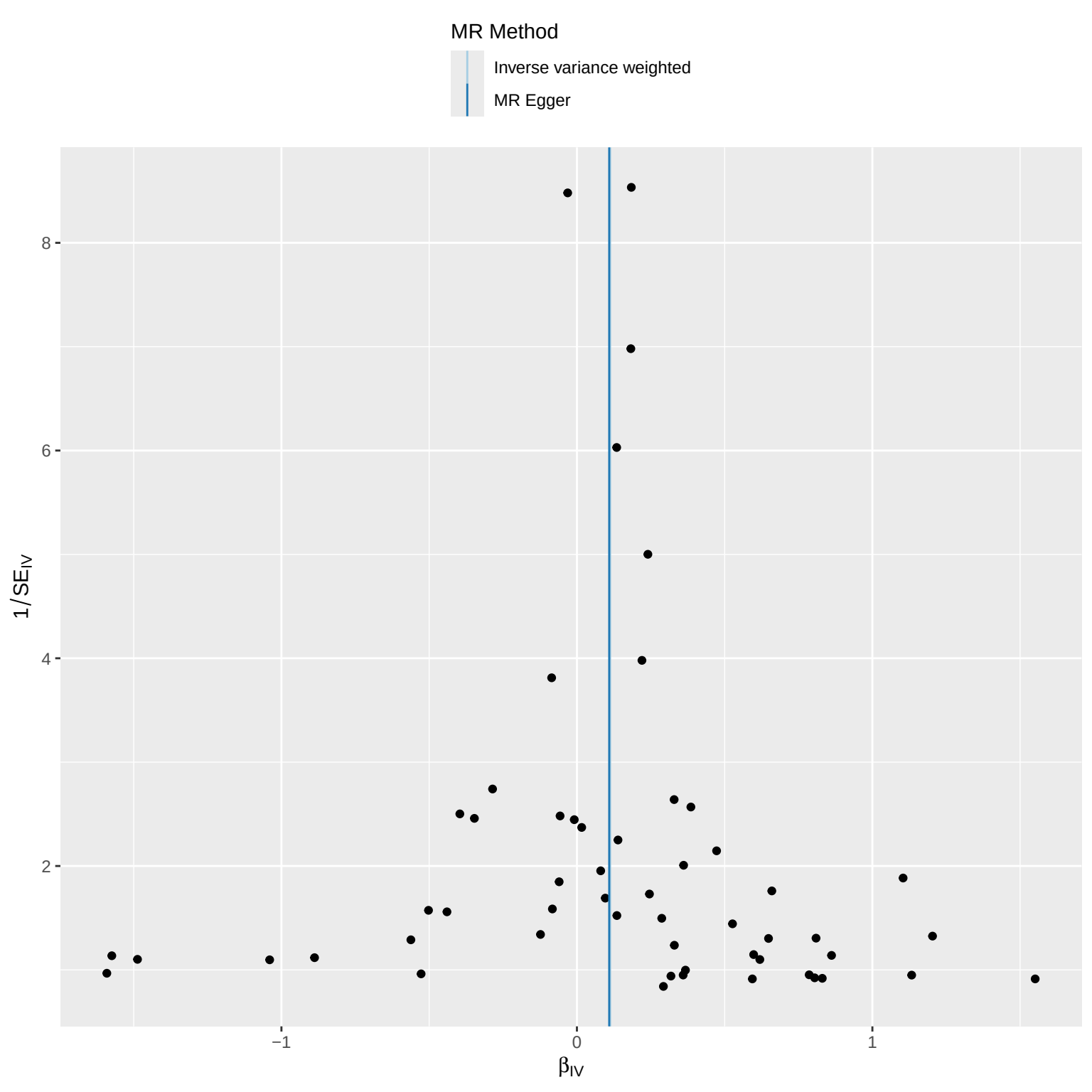

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

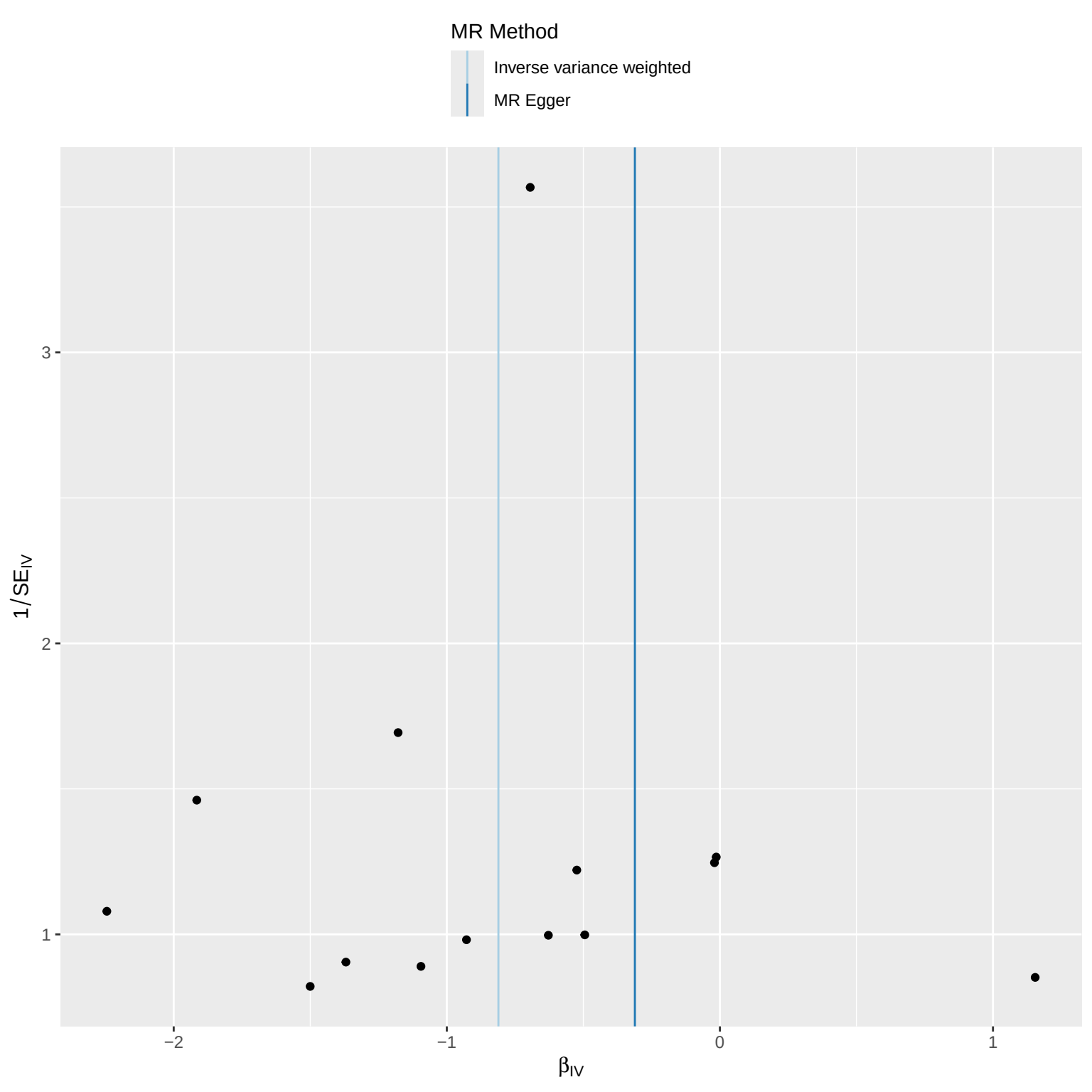

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

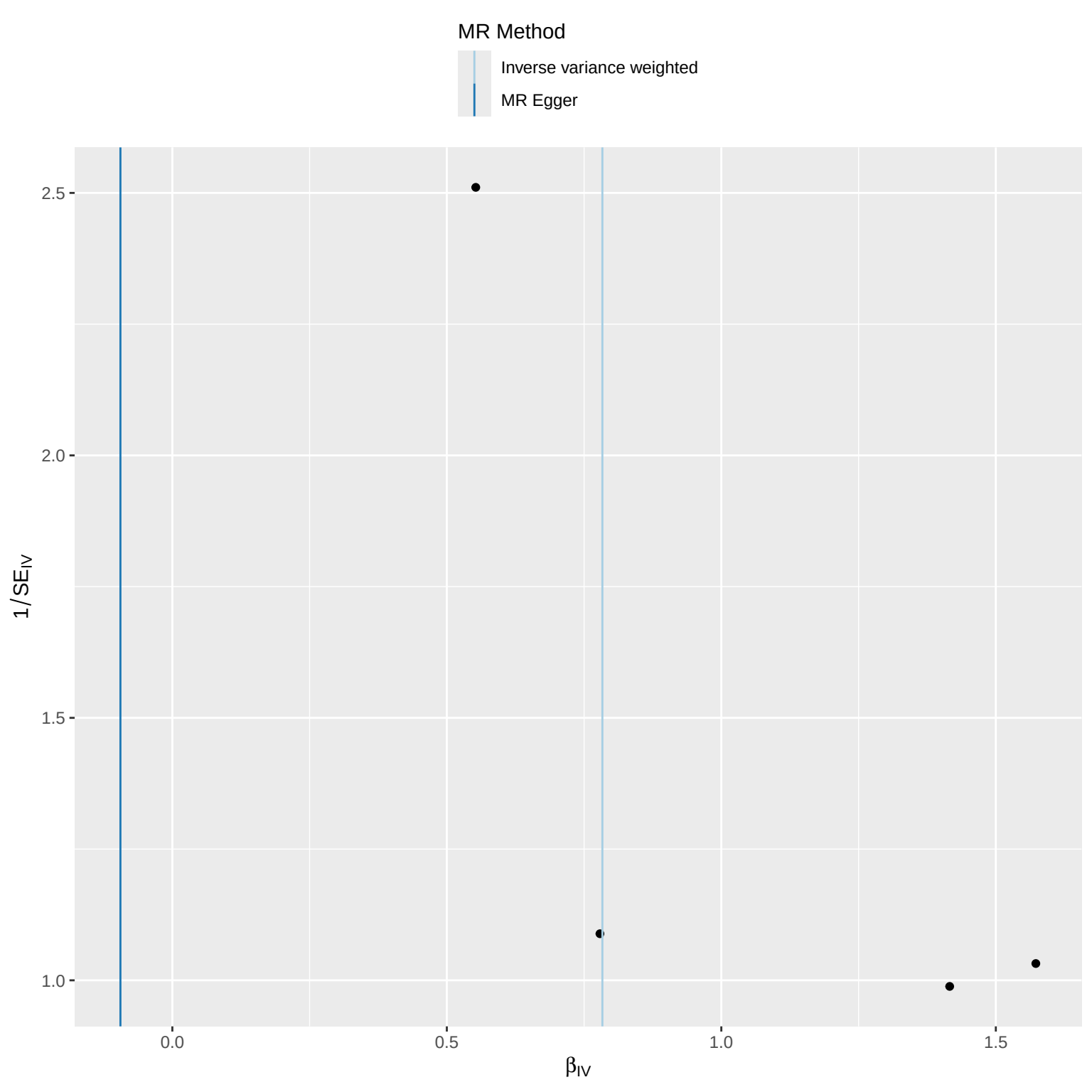

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

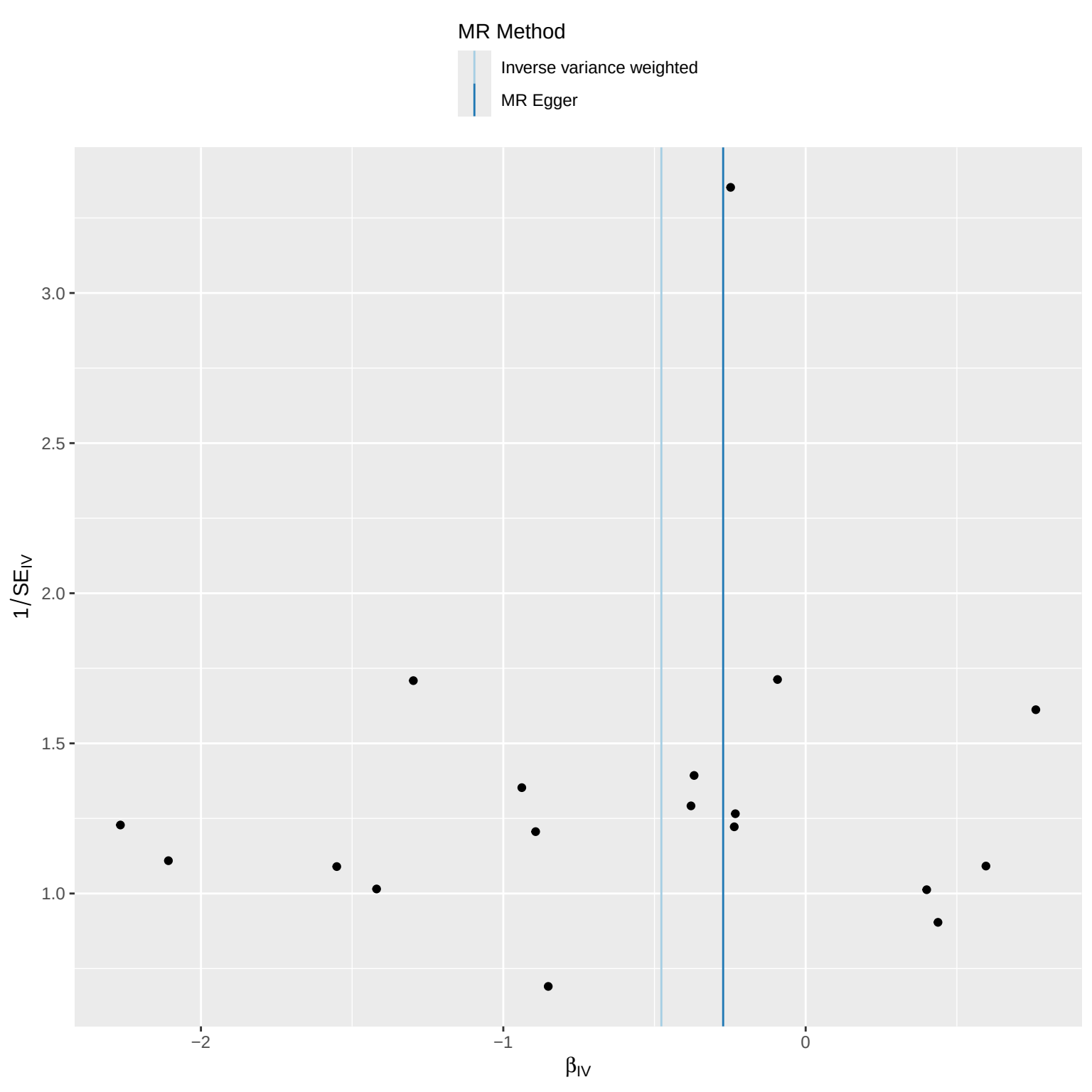

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

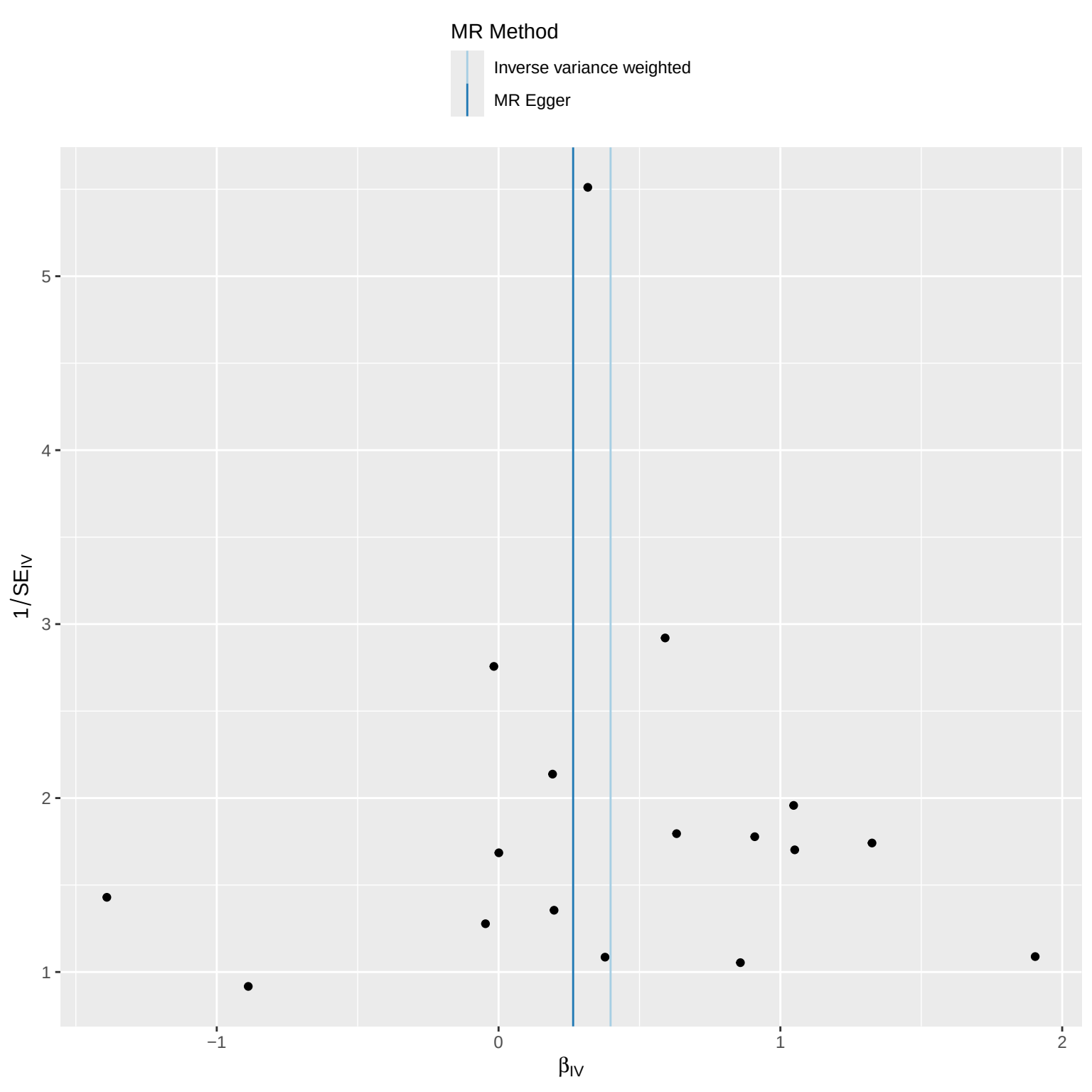

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

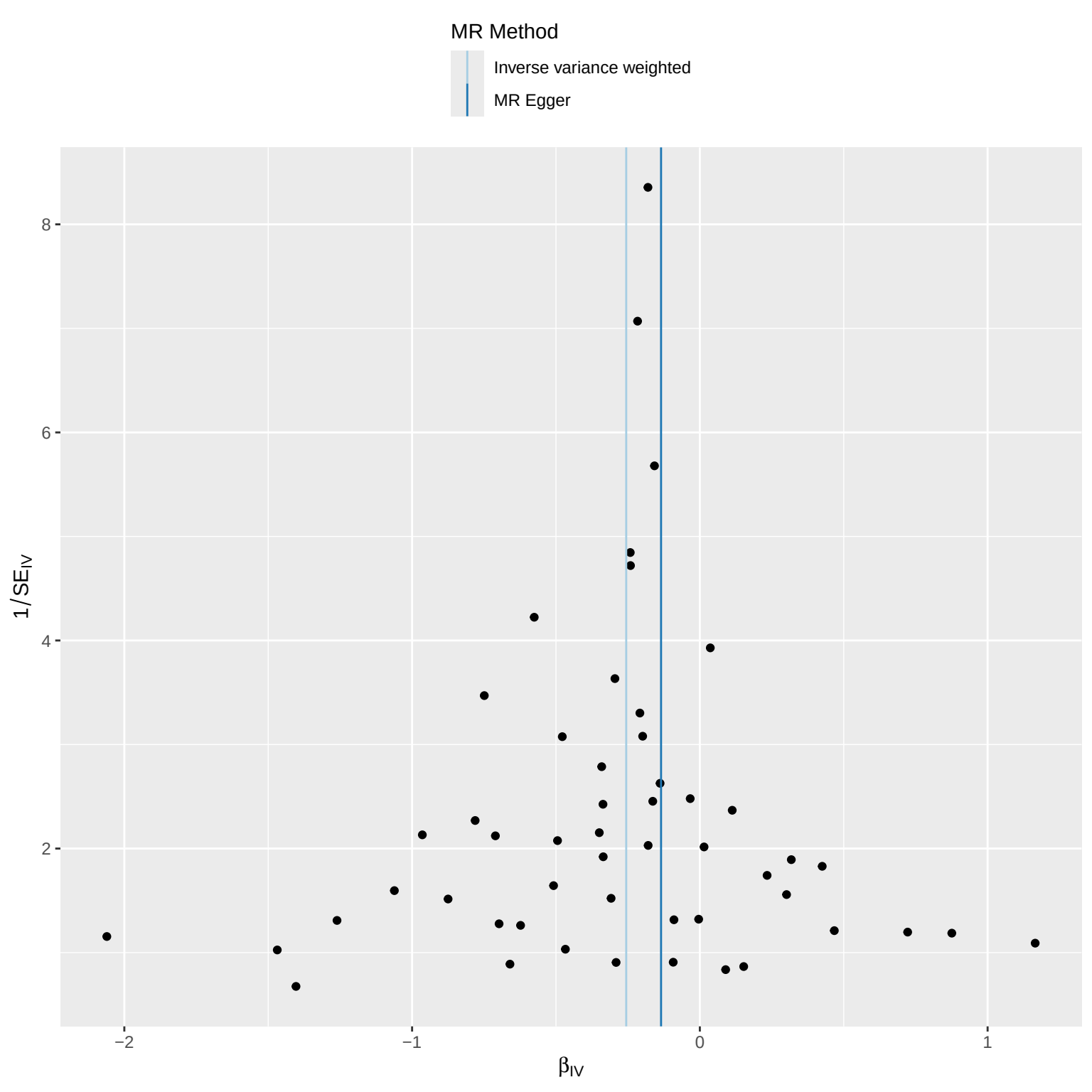

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

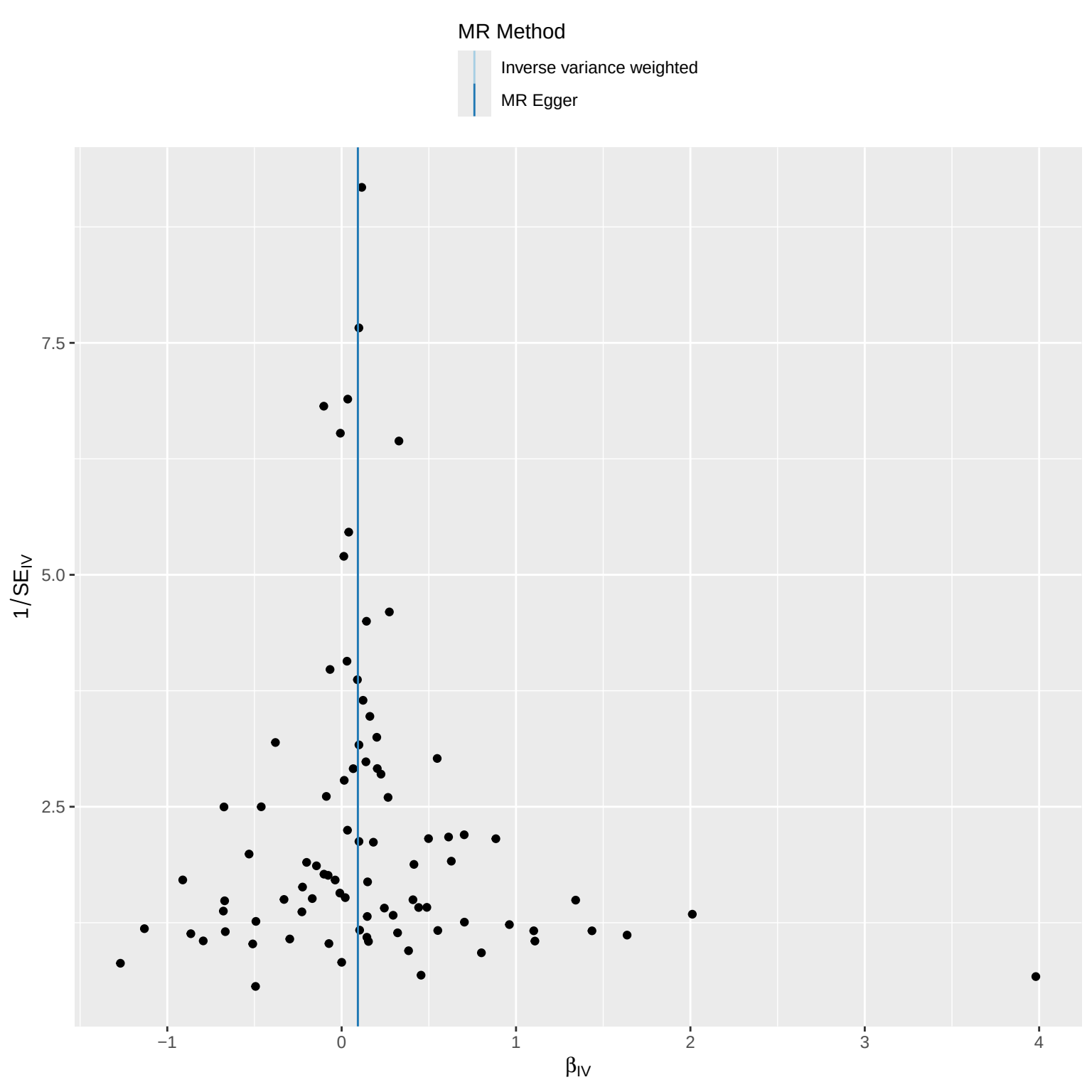

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

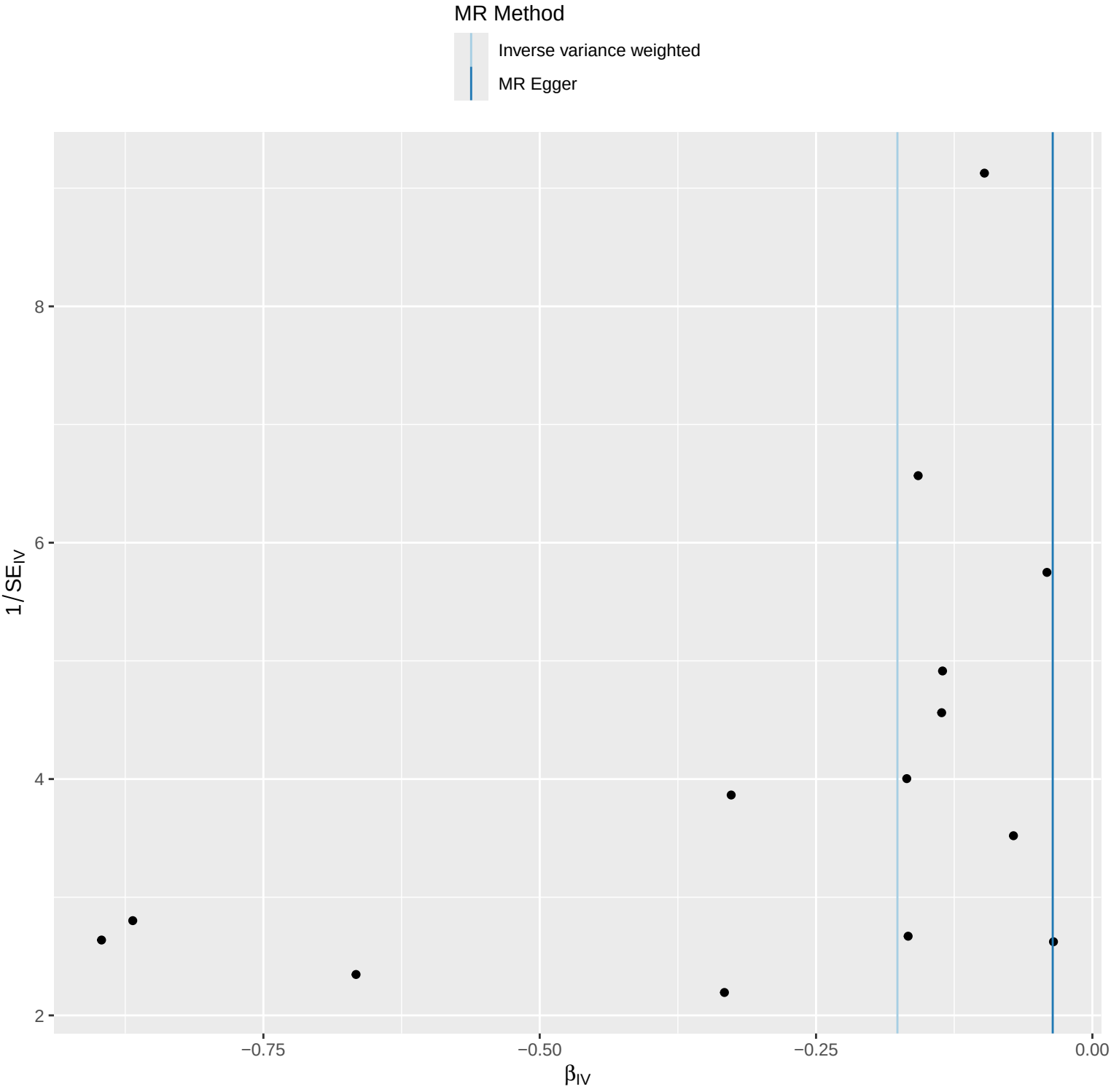

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

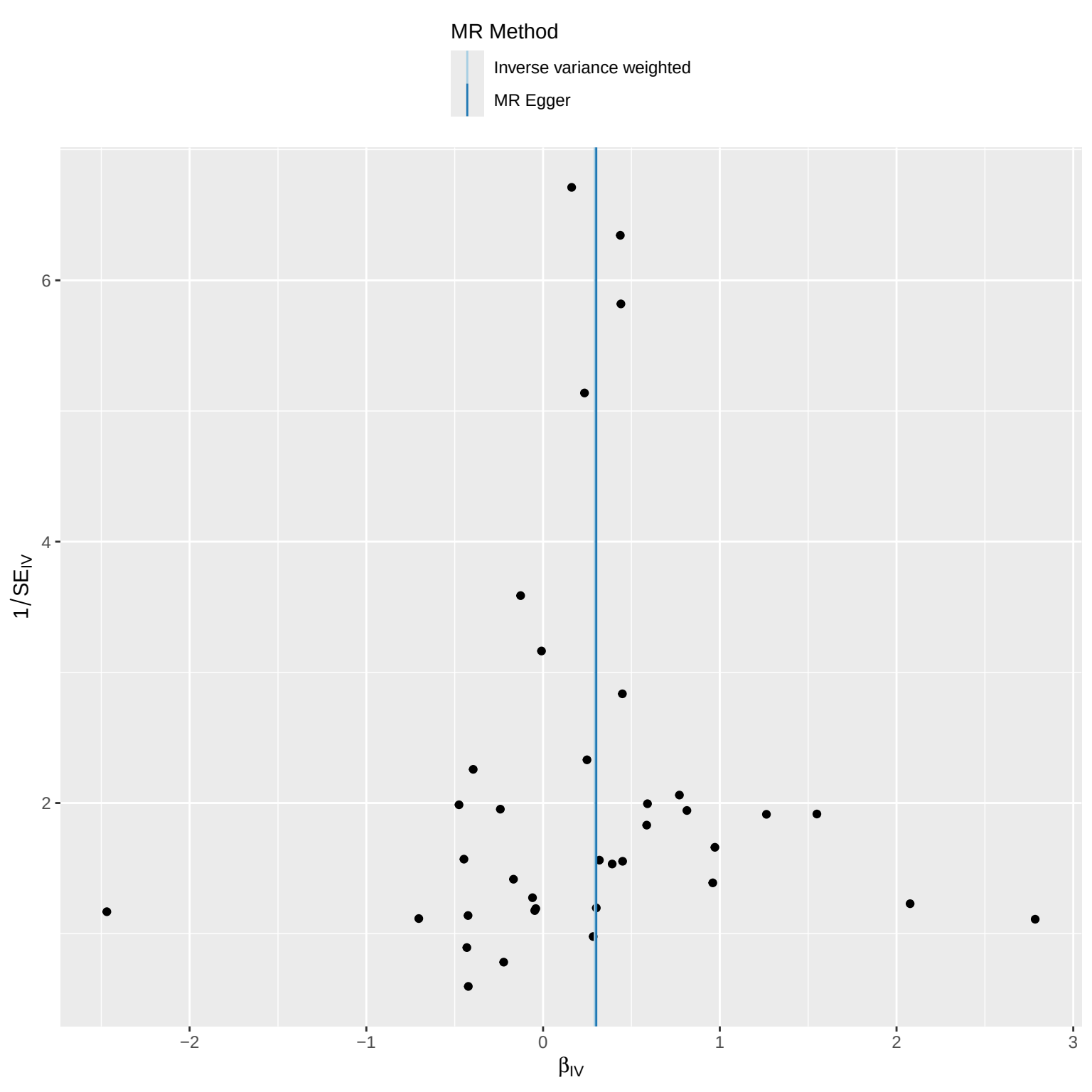

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

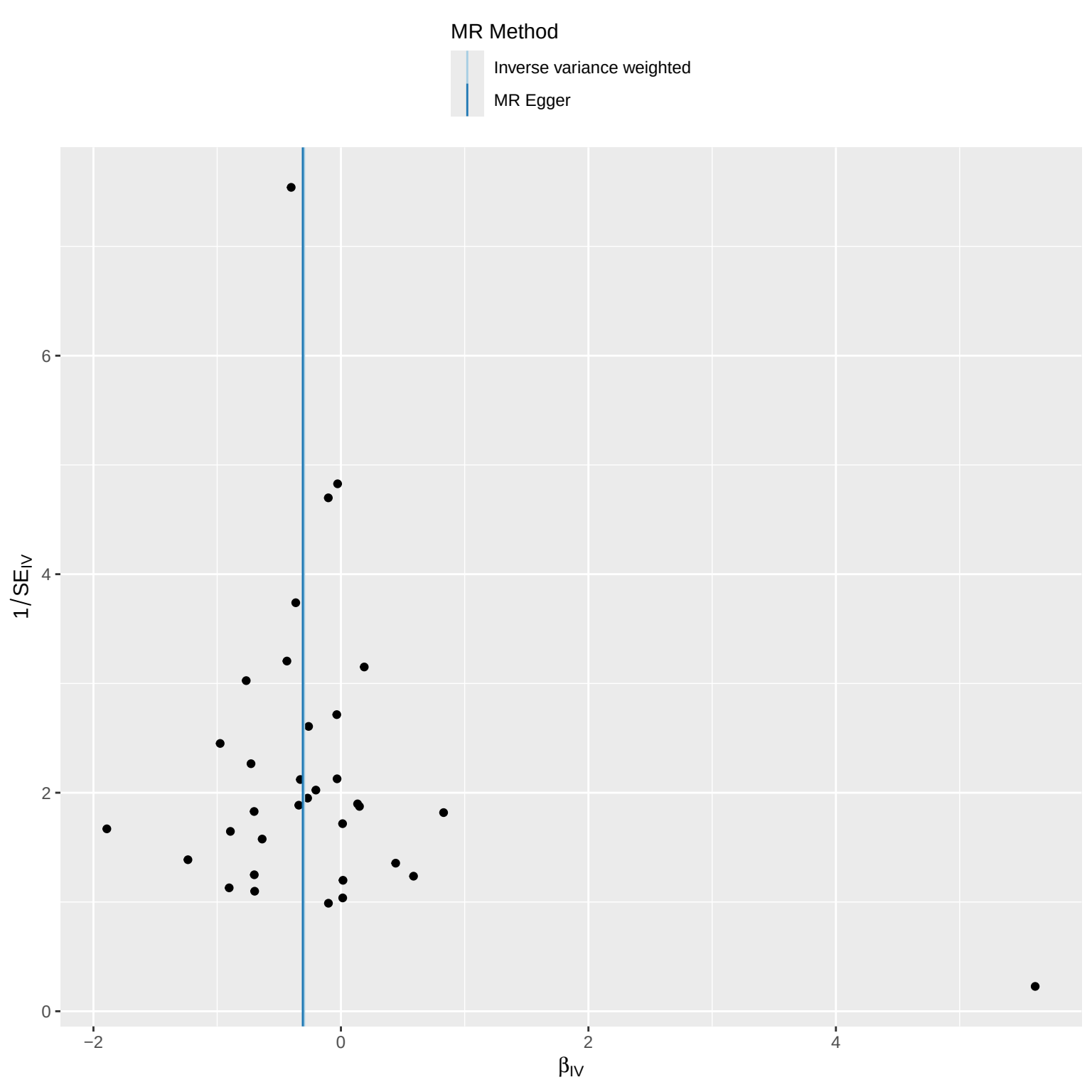

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

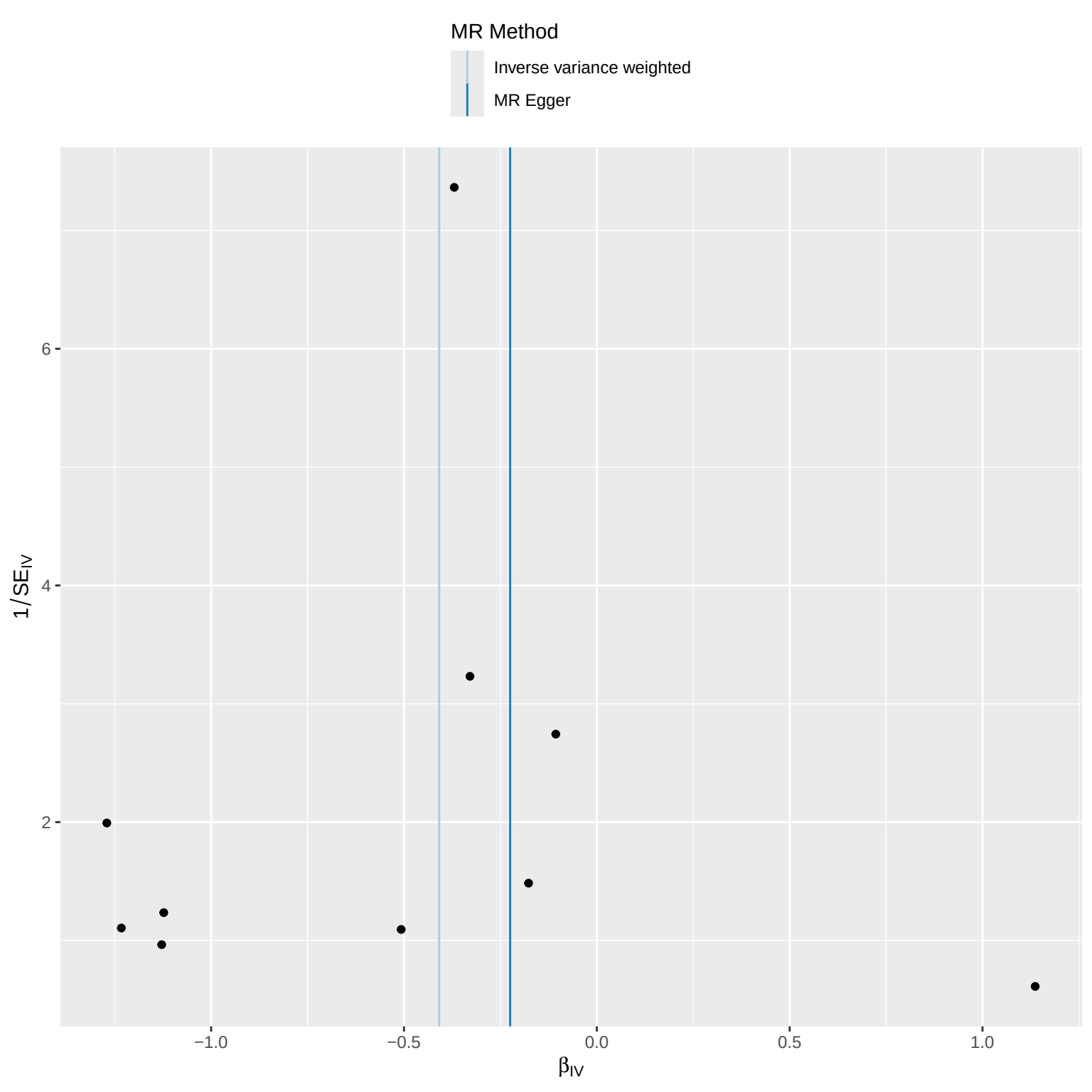

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

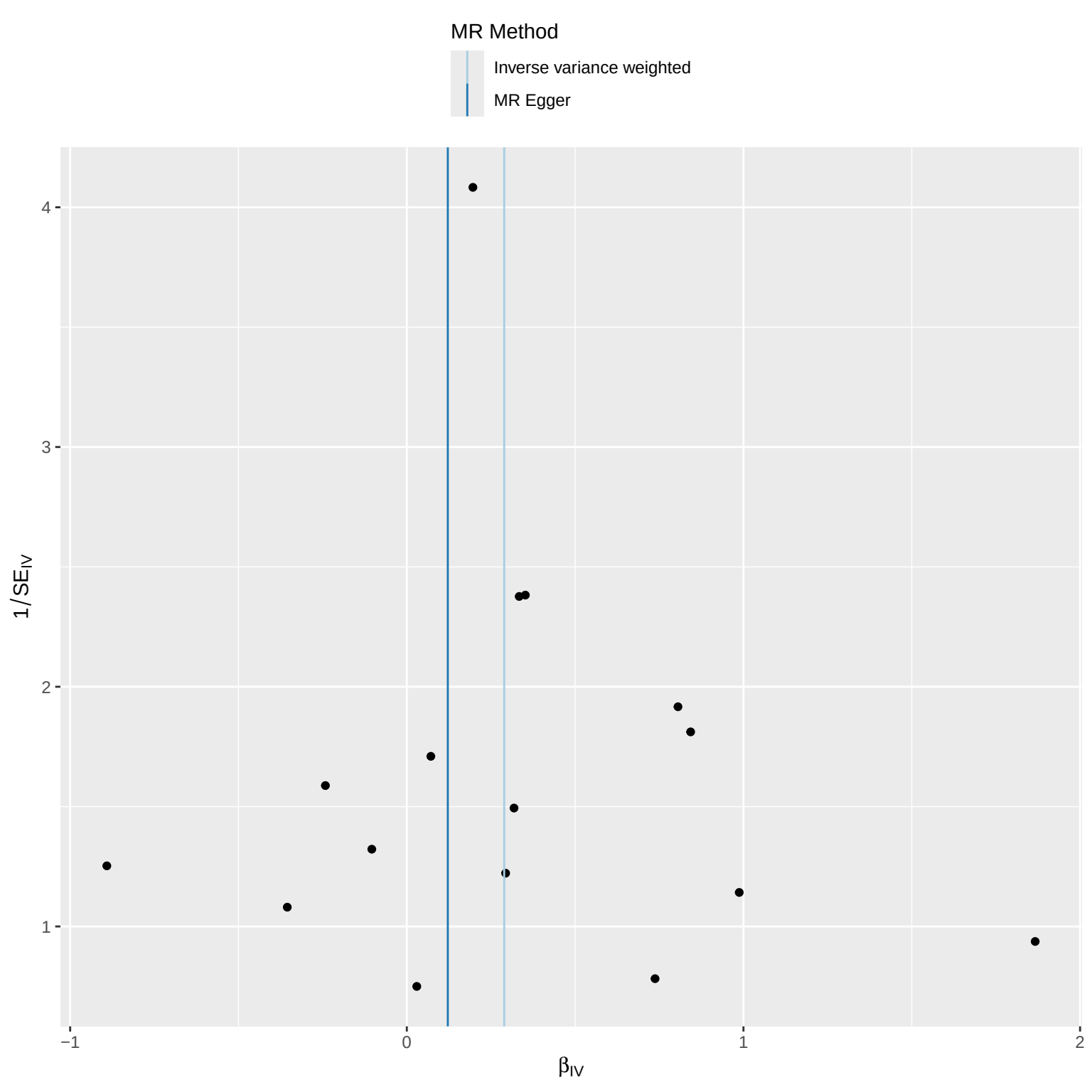

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
3
4
β_IV

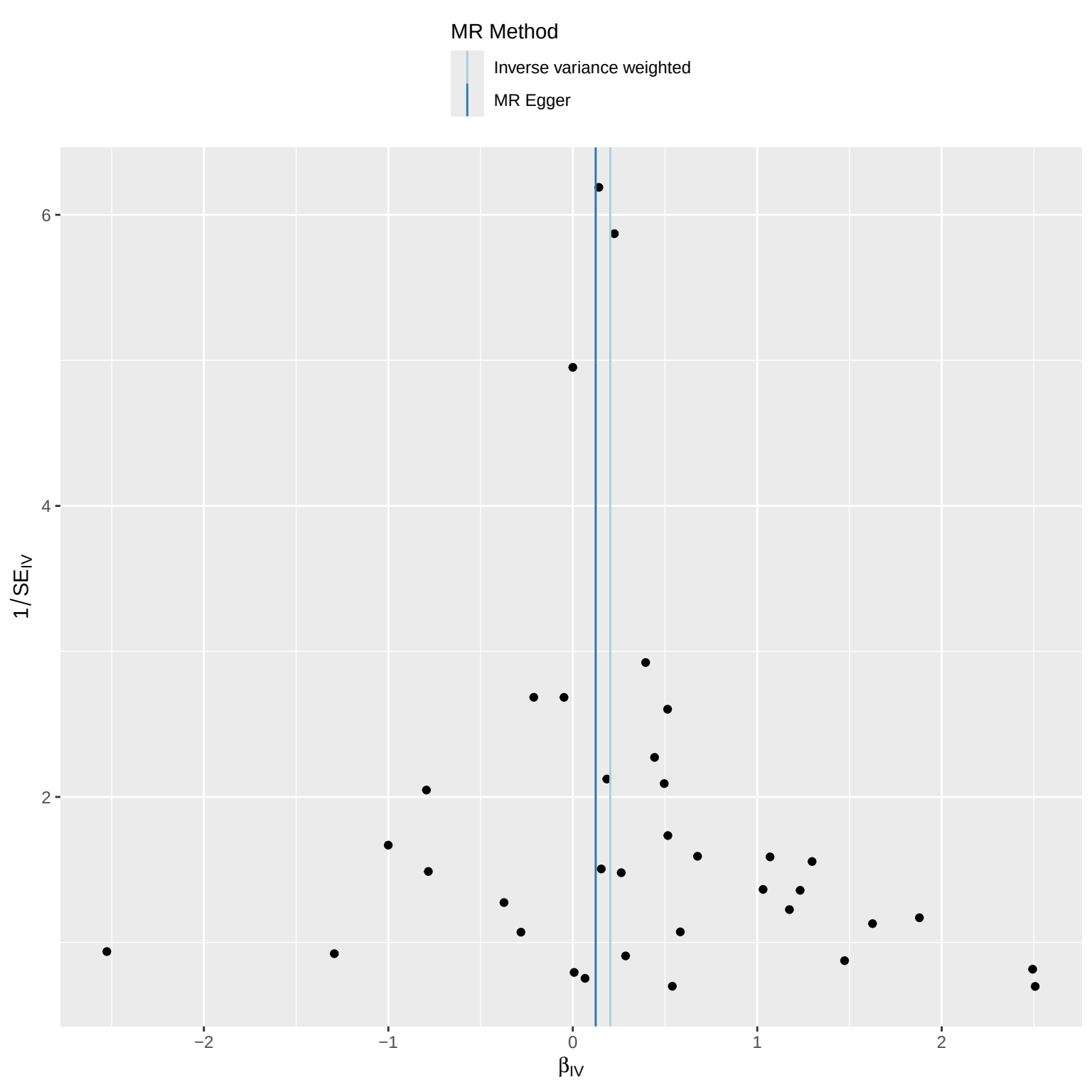

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

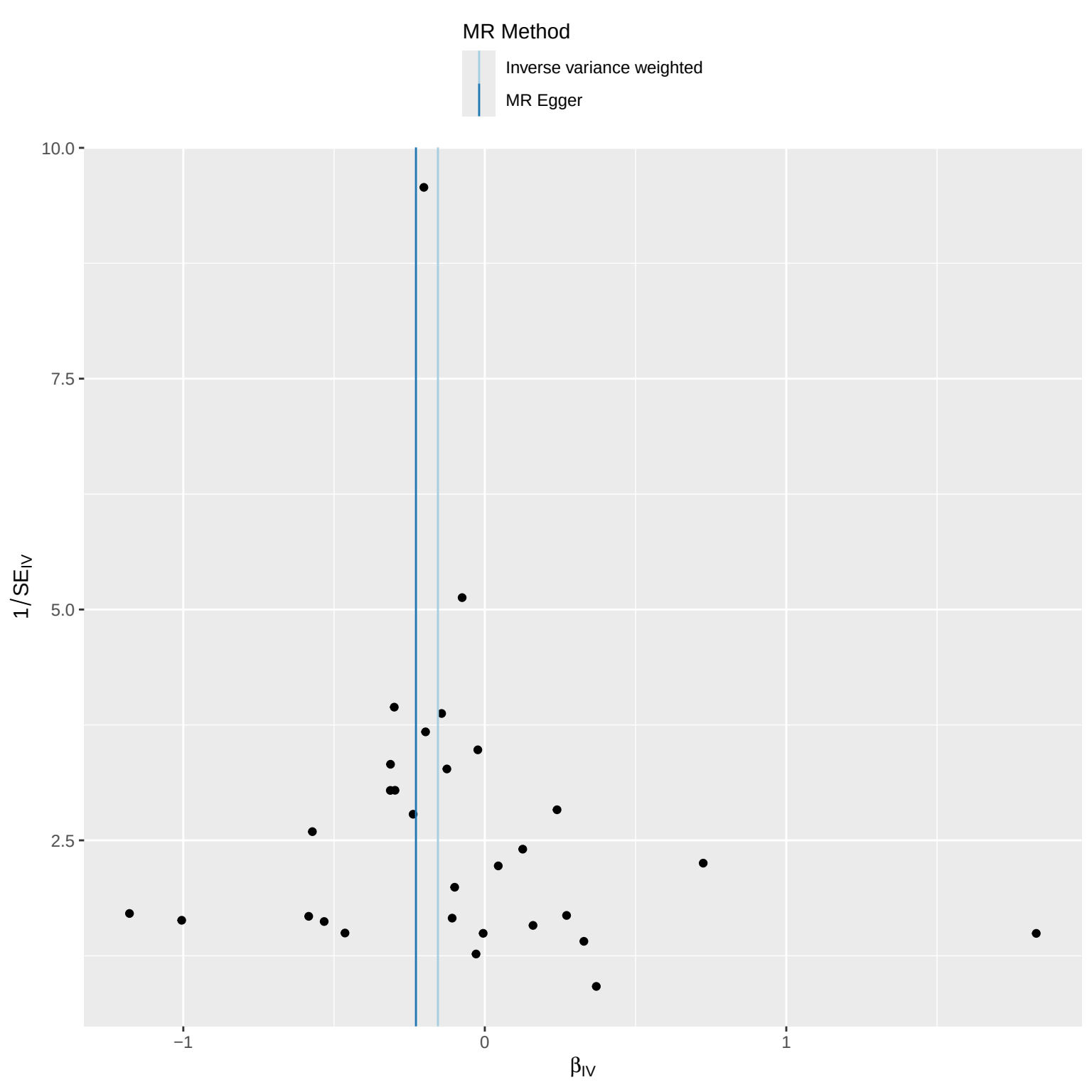

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

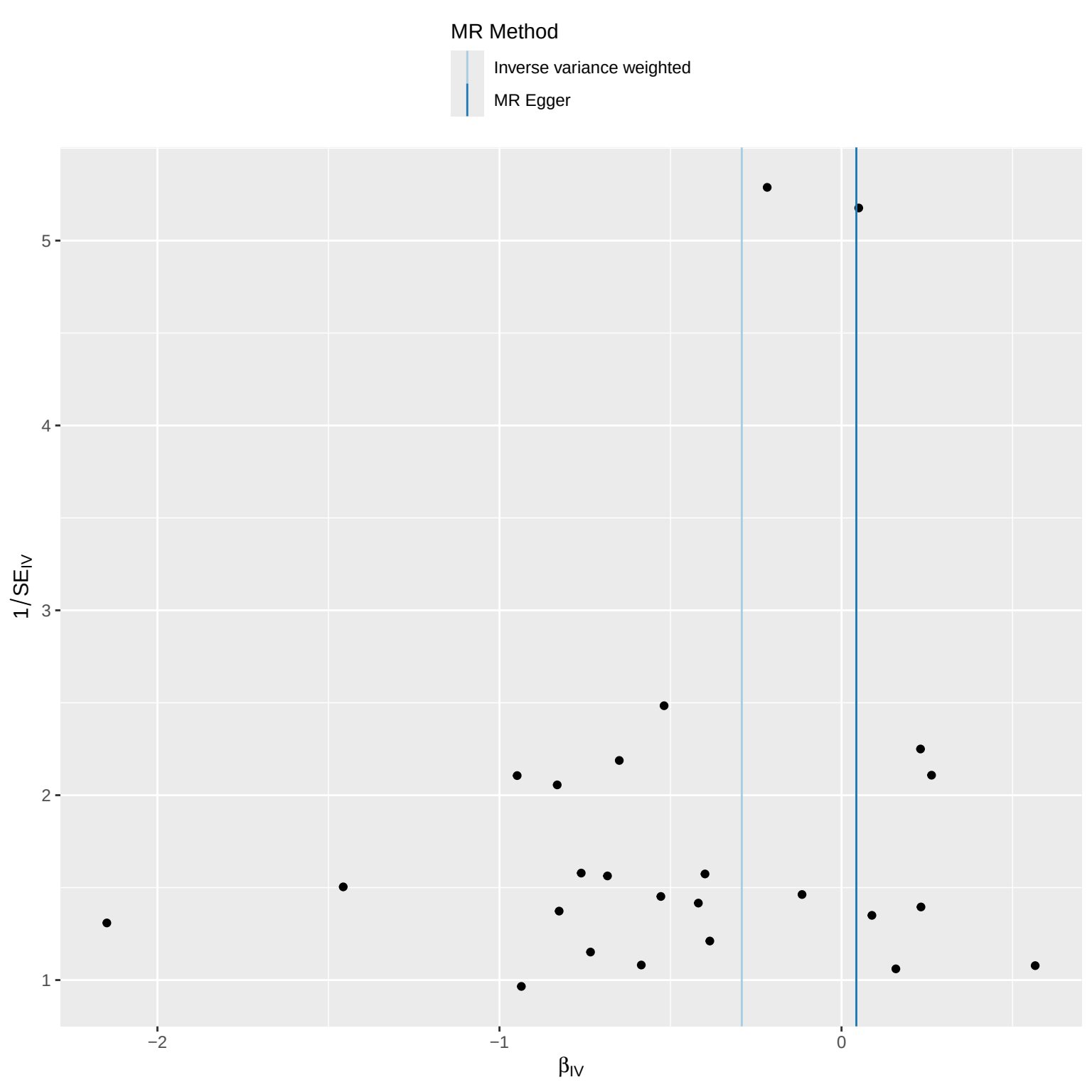

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
6
4
2
0
−2
0
2
4
β_IV

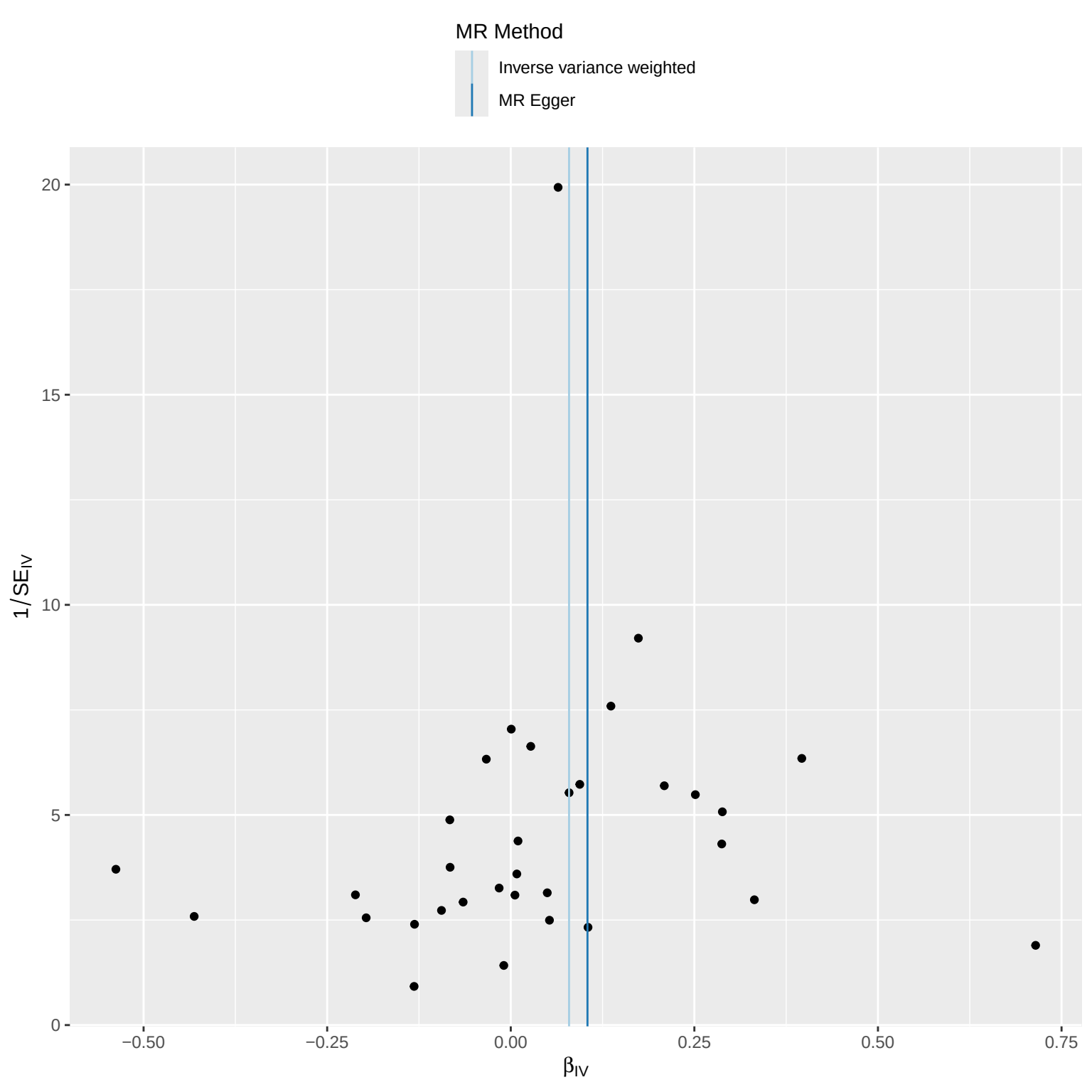

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

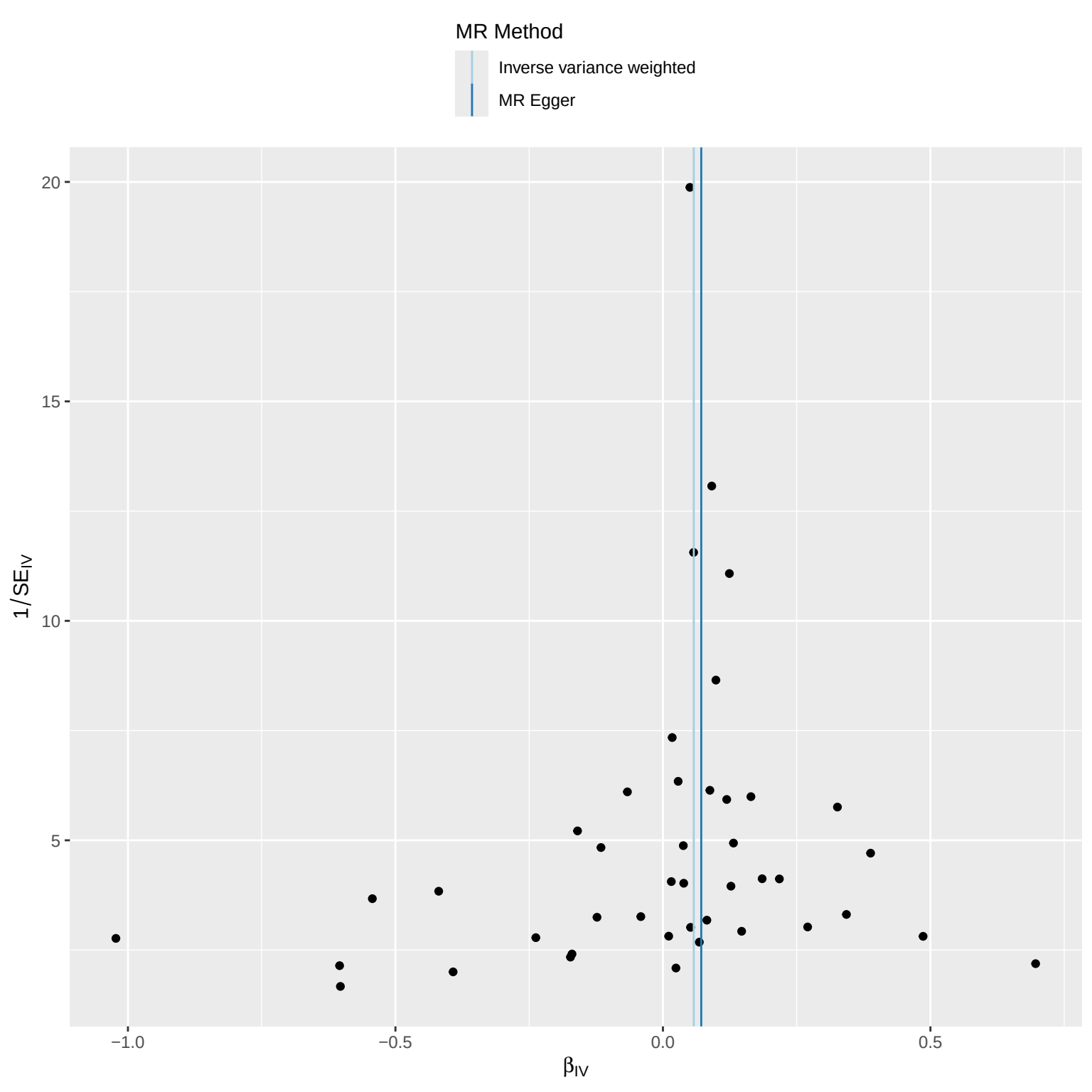

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

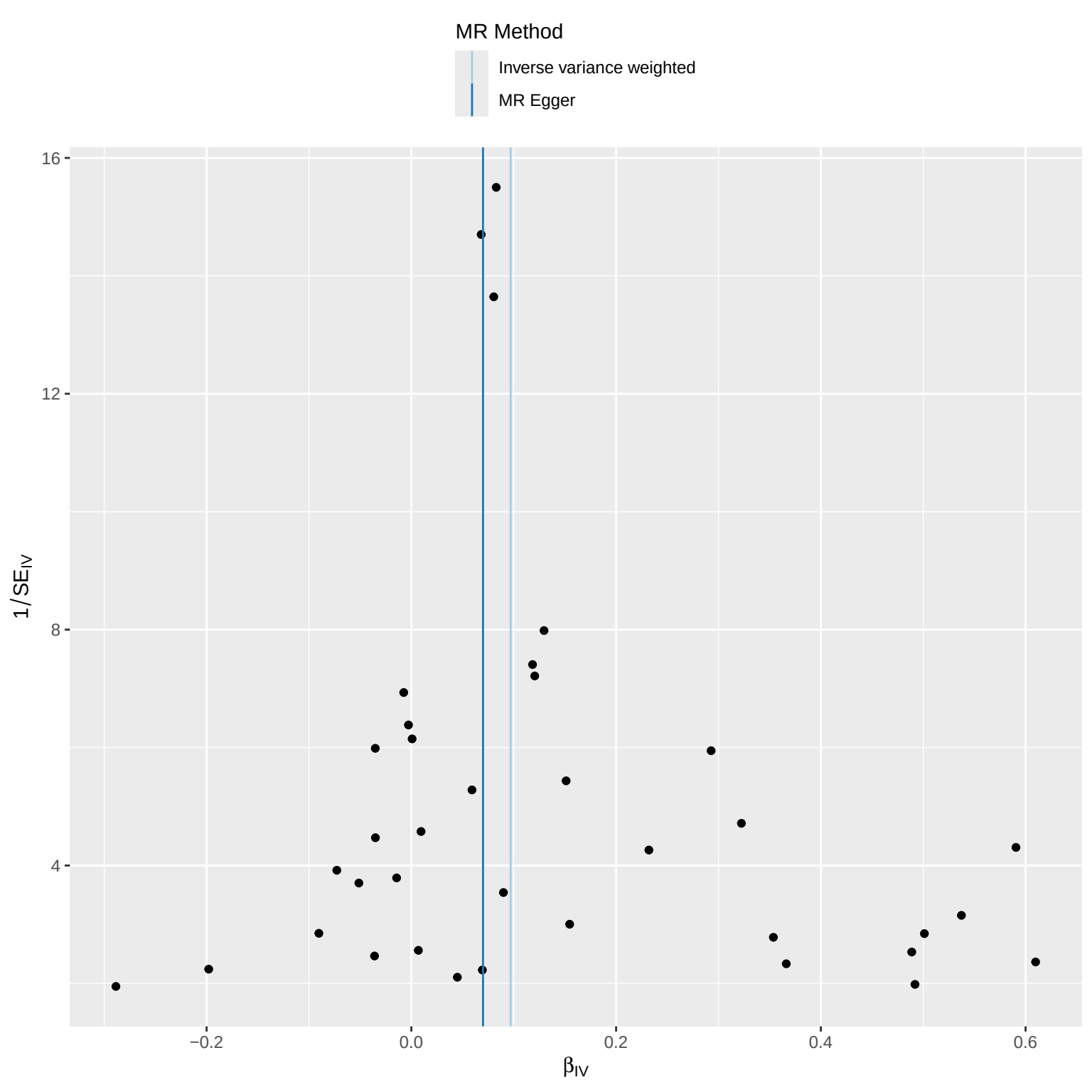

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

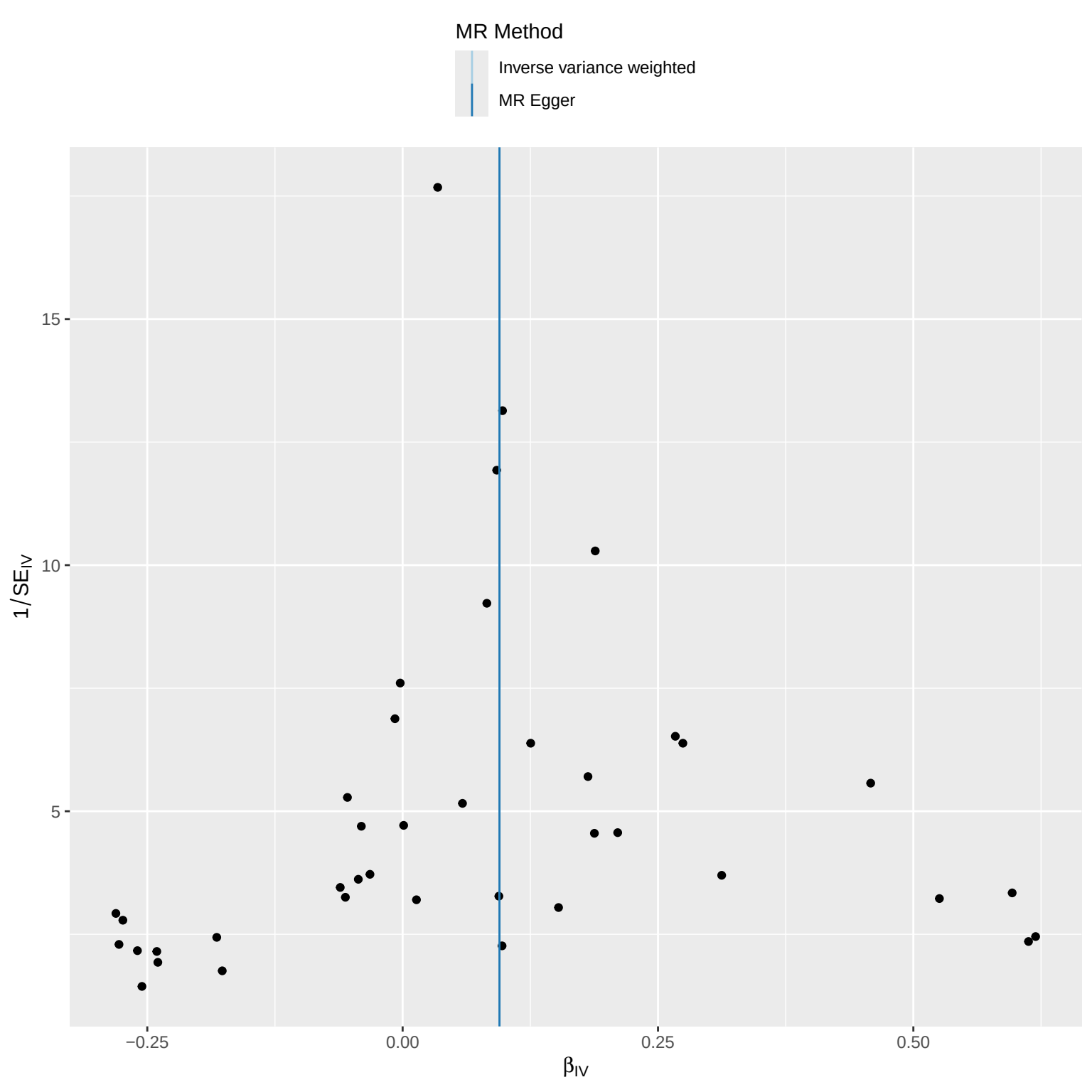

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

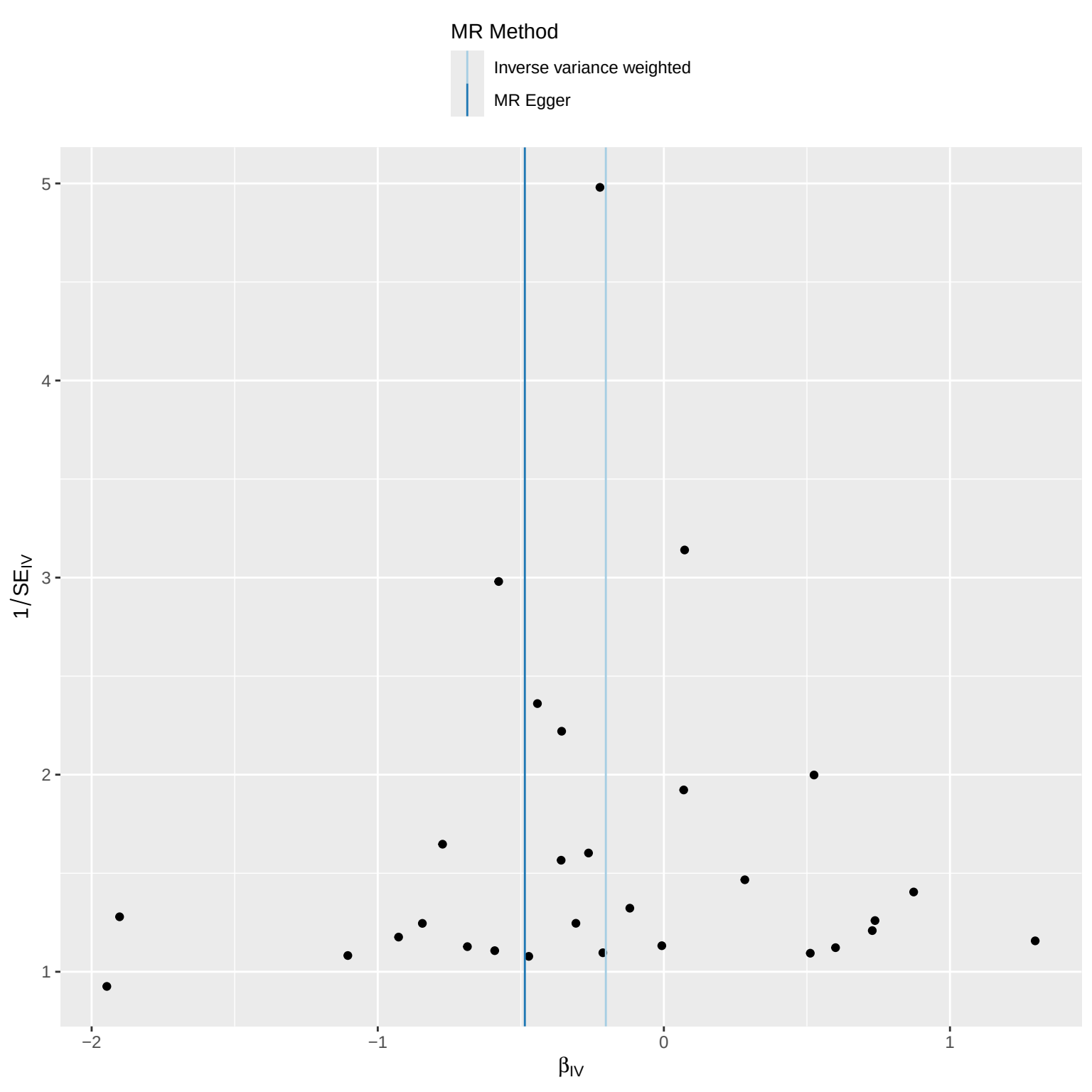

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

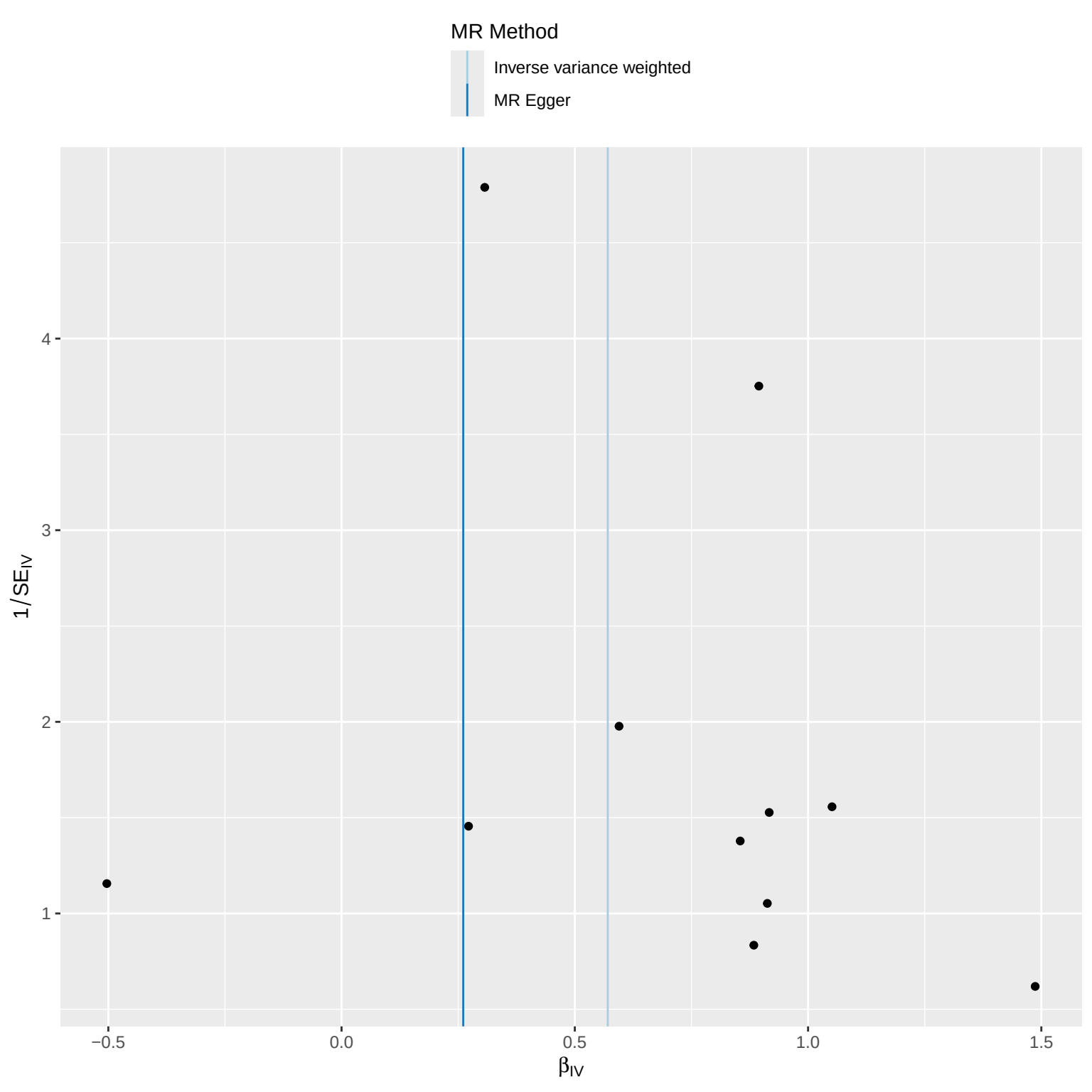

MR Method
Inverse variance weighted
MR Egger
20
15
10
5
0
1/SE_IV
−0.50
−0.25
0.00
0.25
0.50
0.75
β_IV

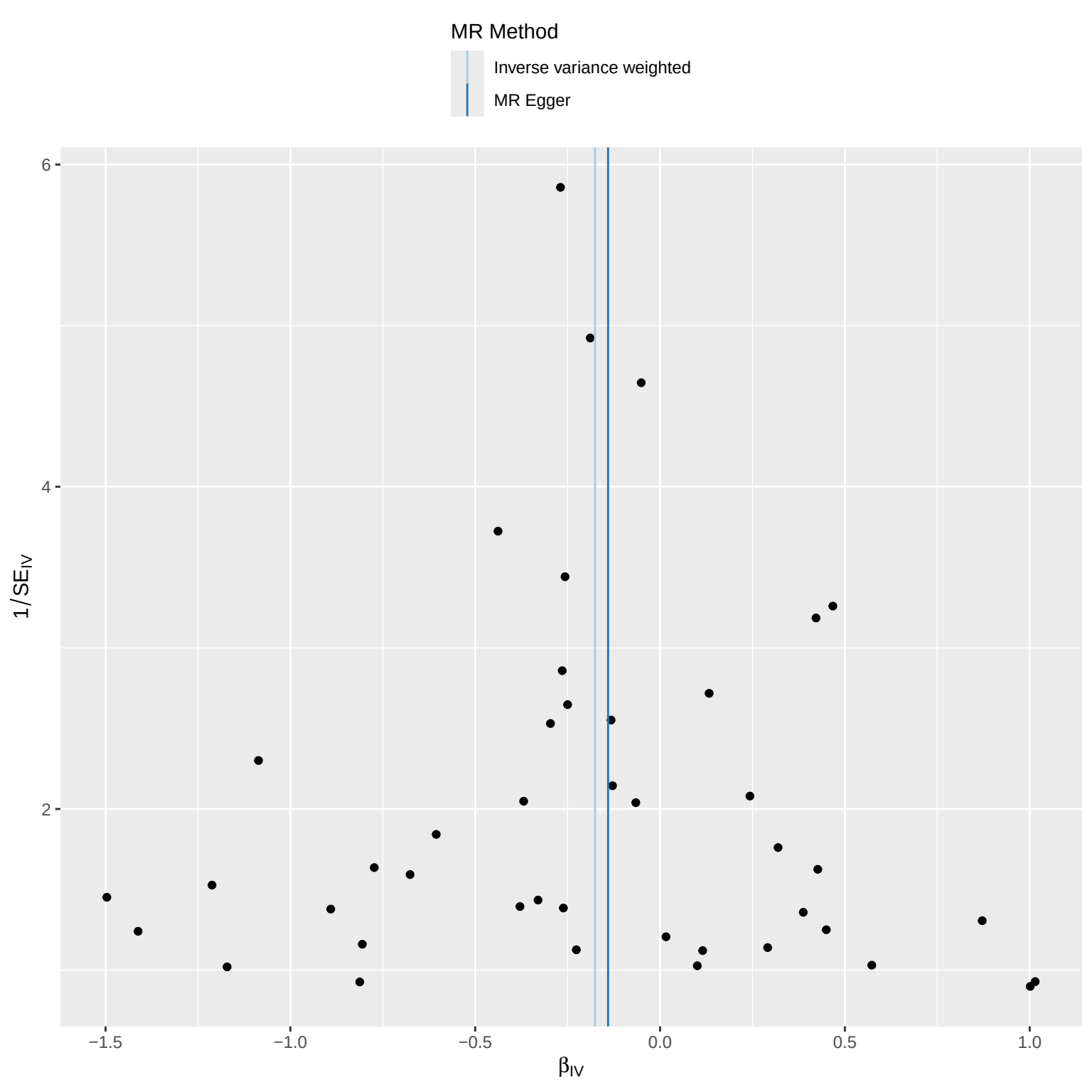

MR Method
Inverse variance weighted
MR Egger
20
15
10
5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

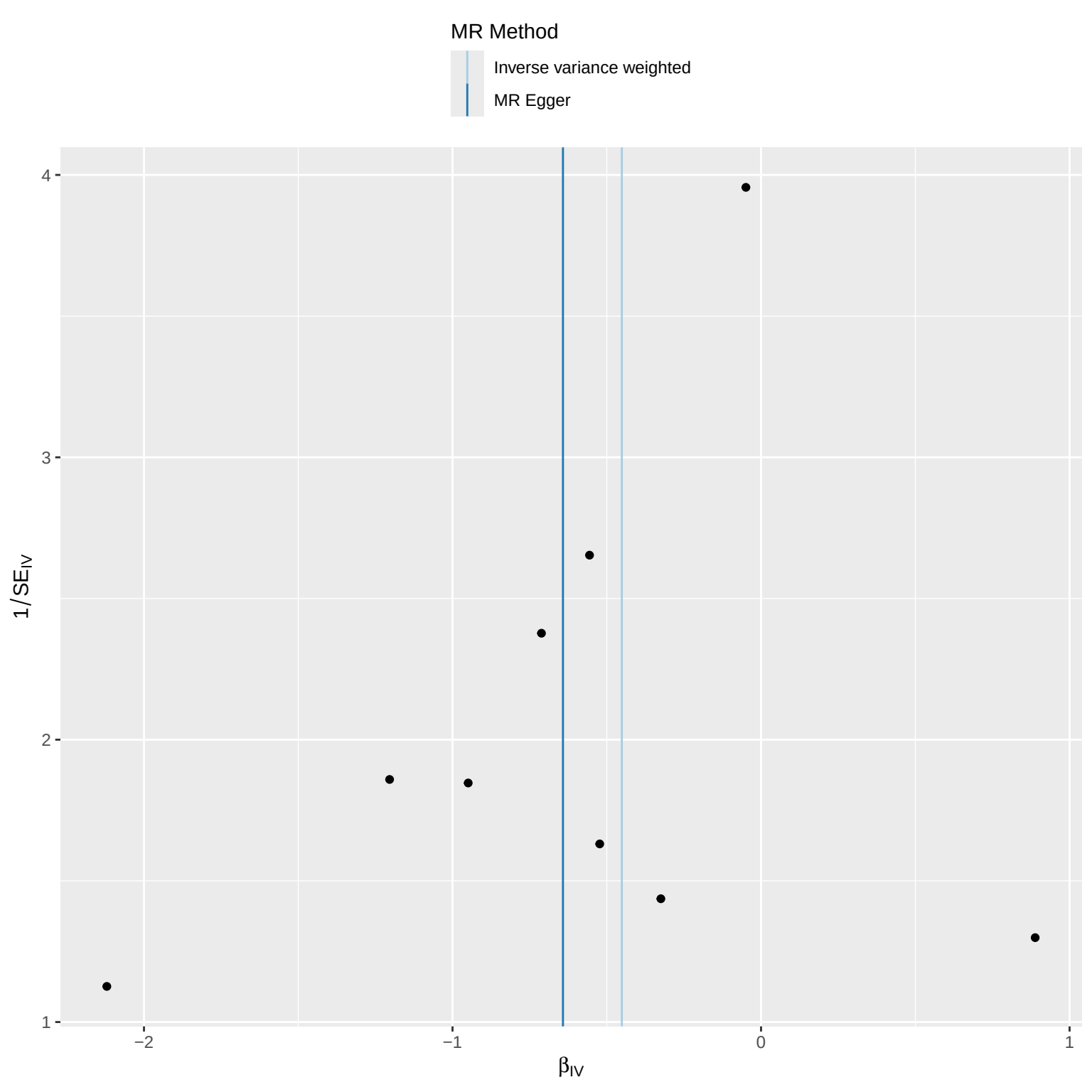

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−0.2
0.0
0.2
0.4
0.6
β_IV

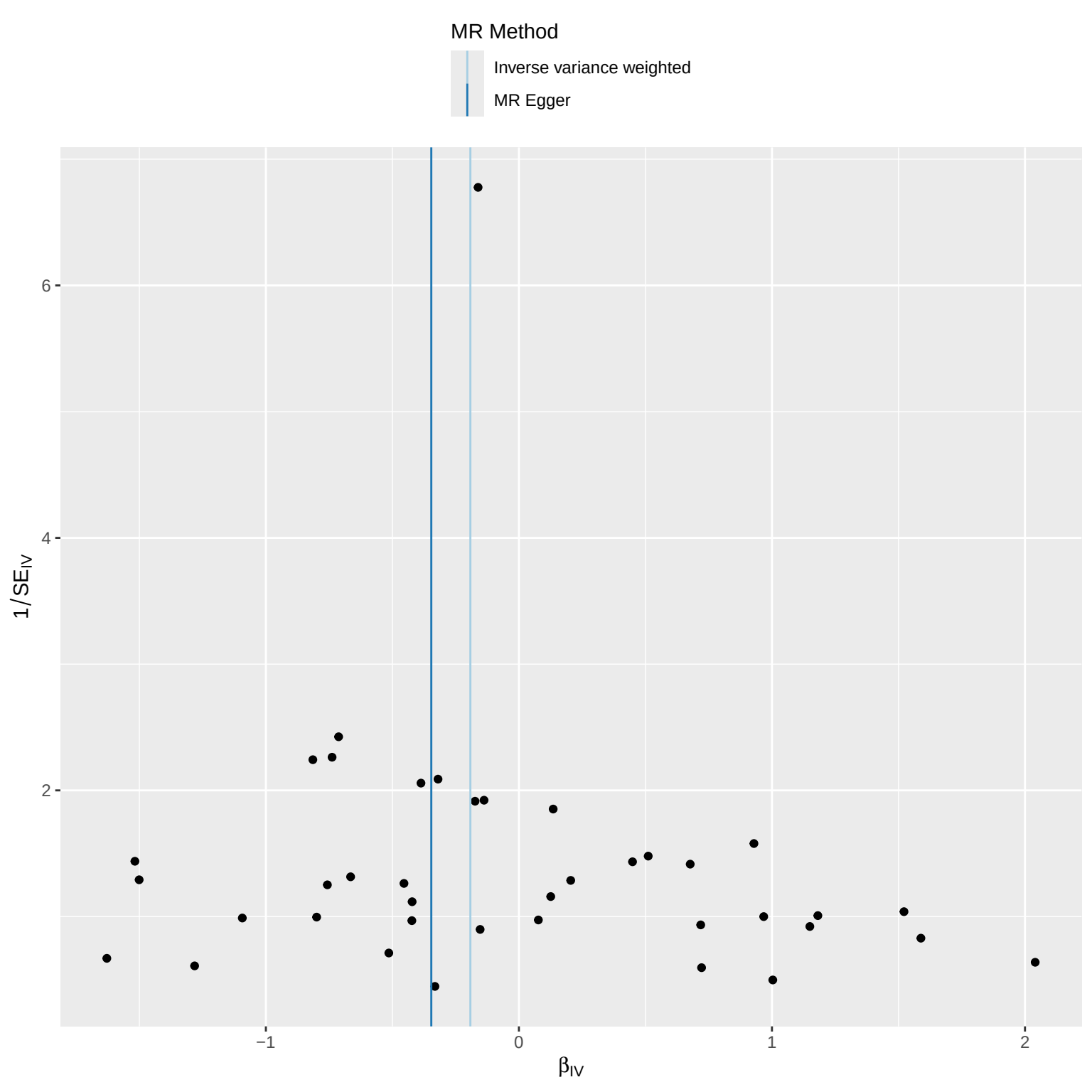

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

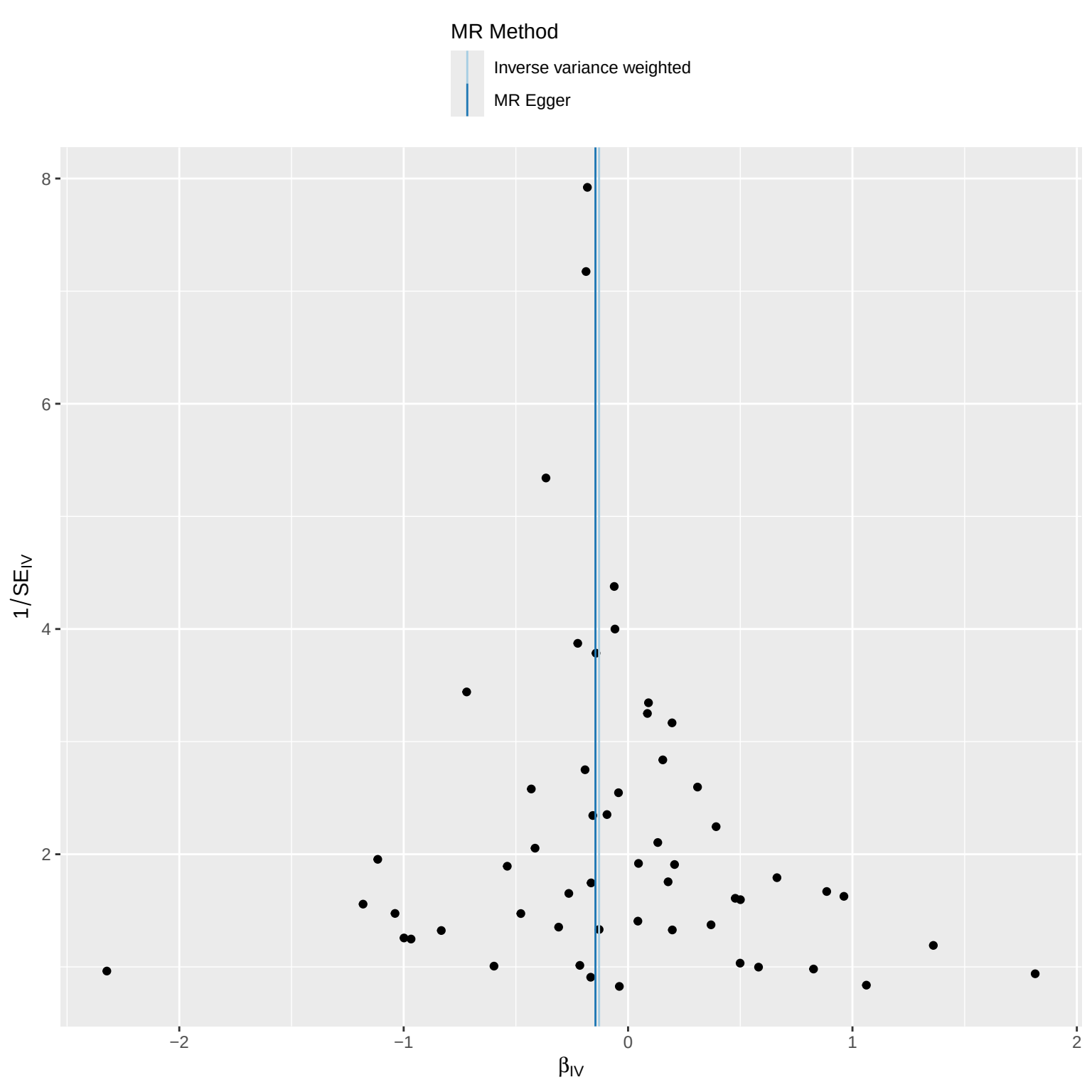

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

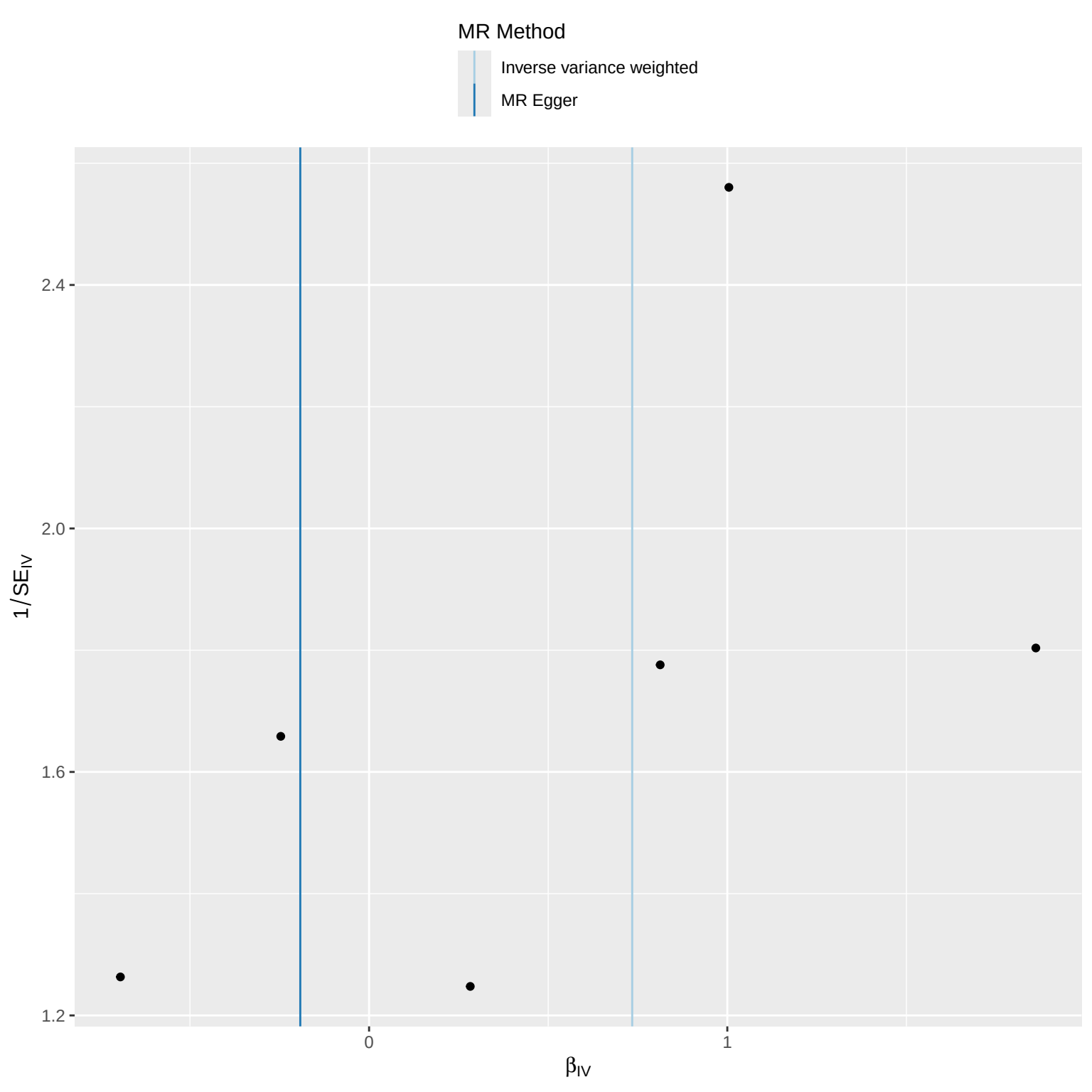

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

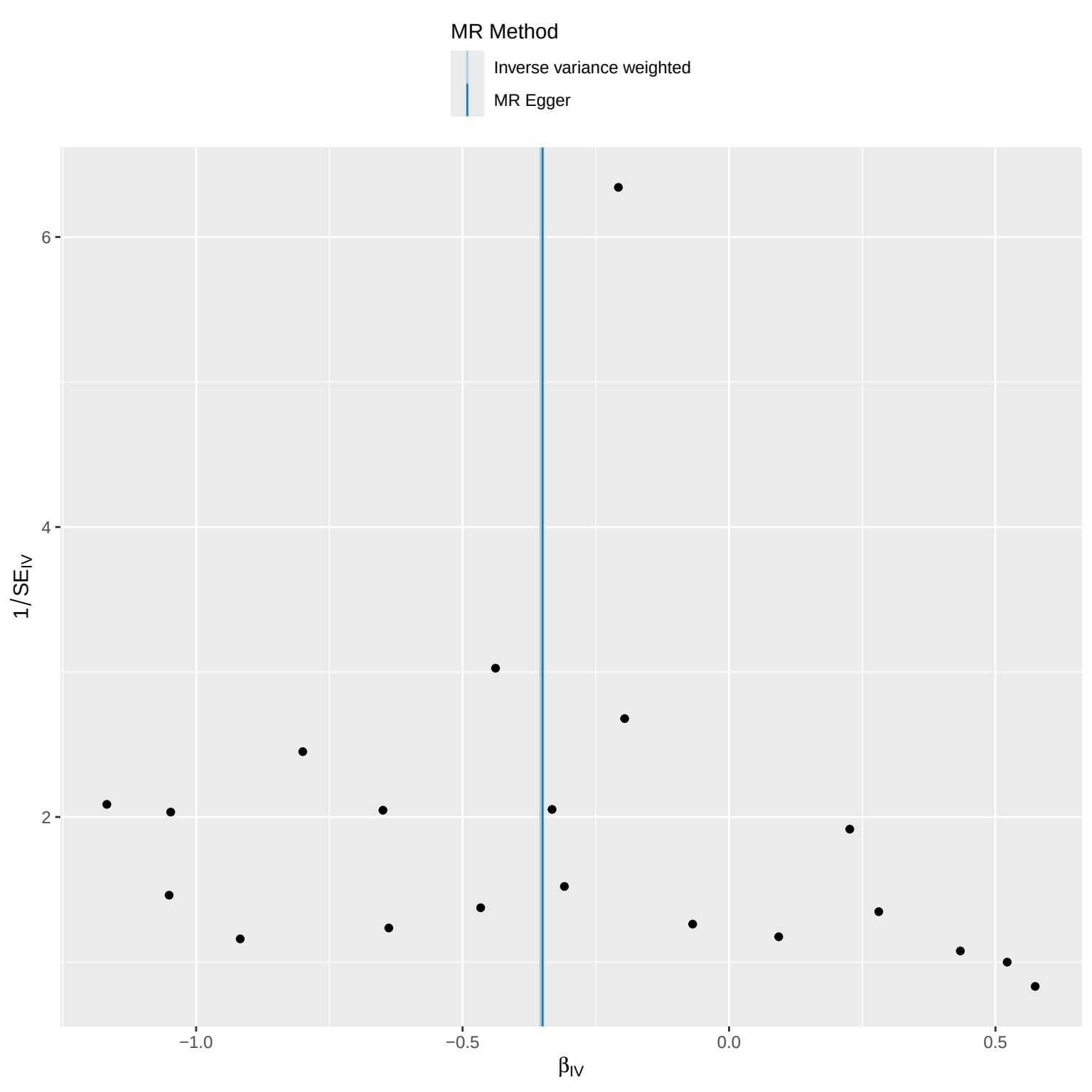

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

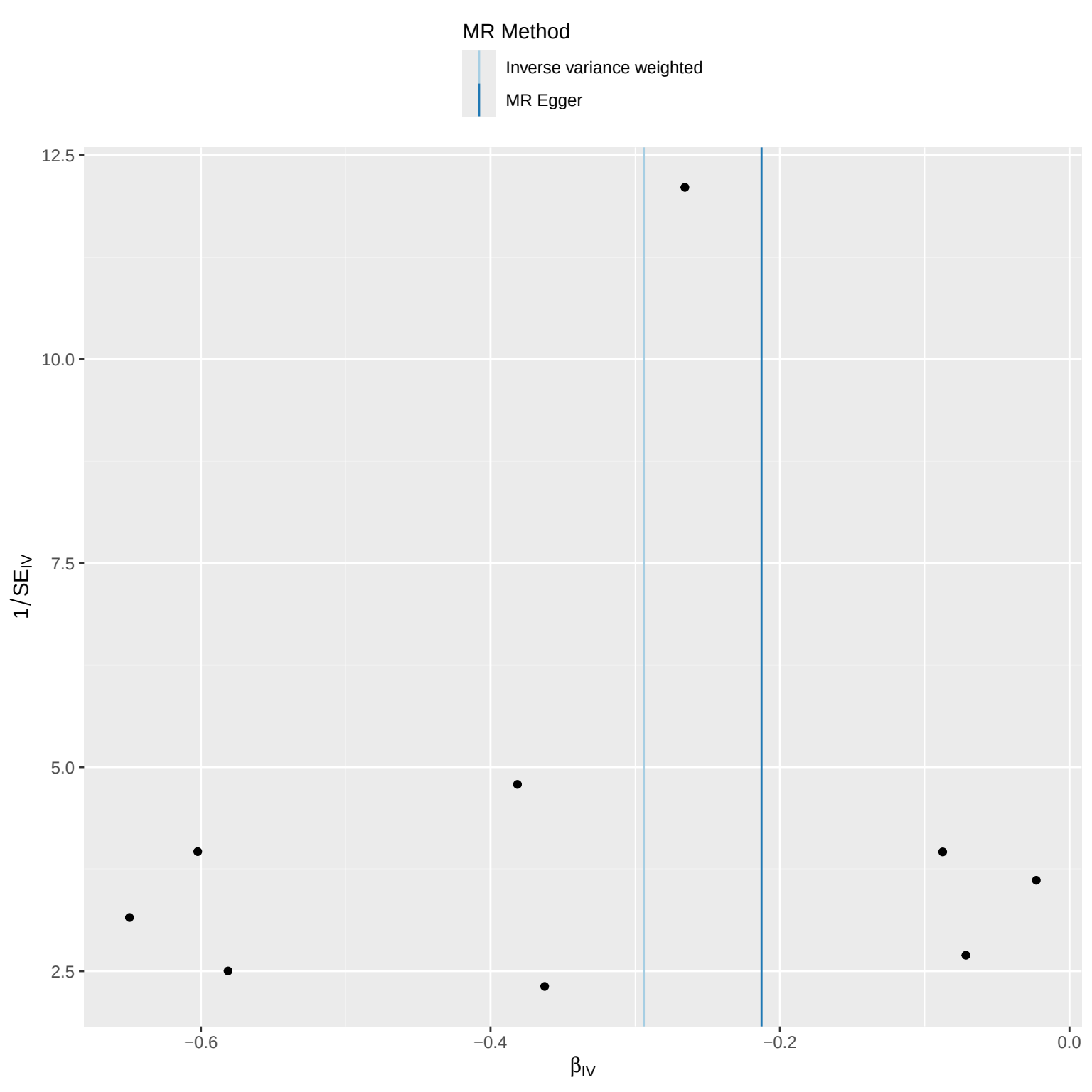

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

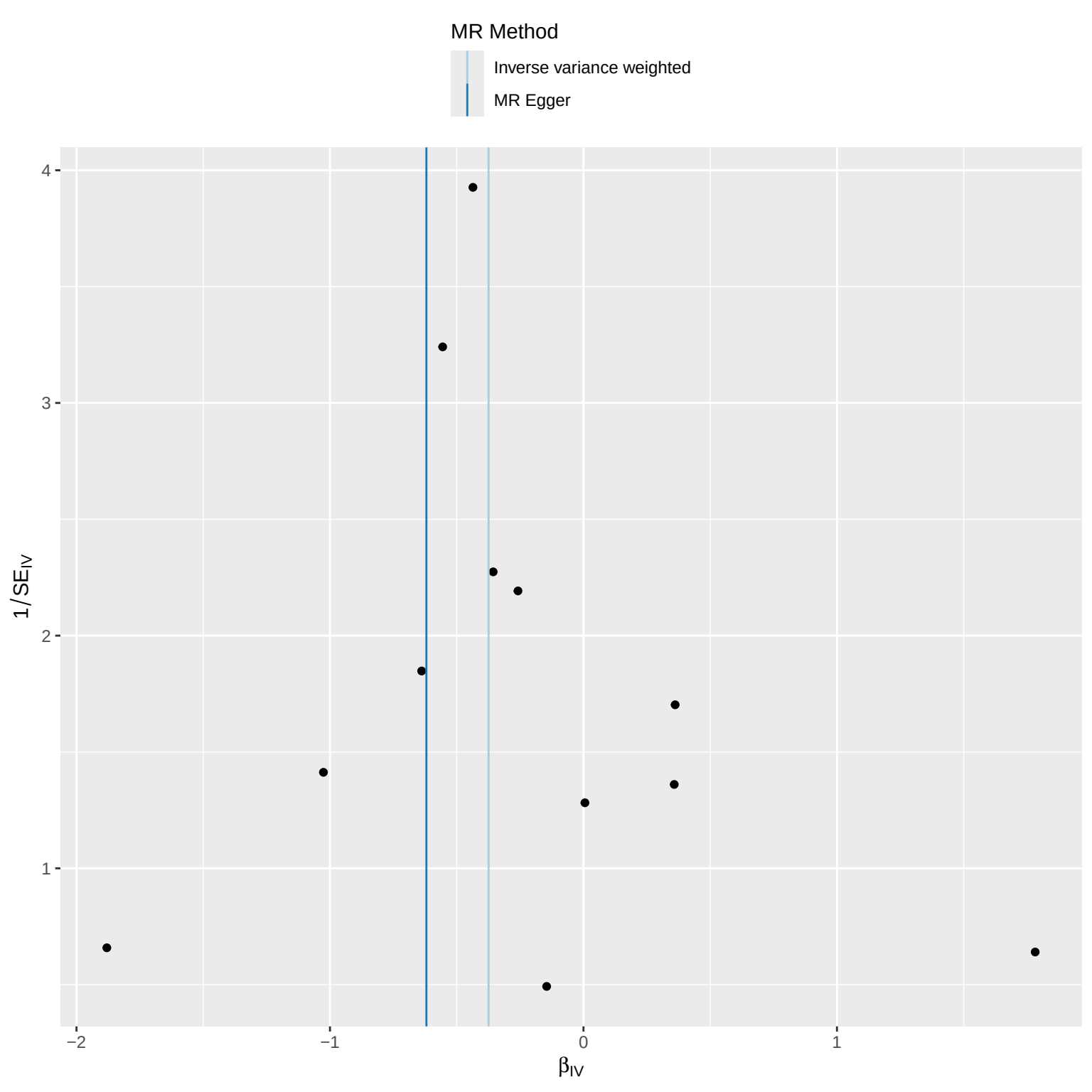

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

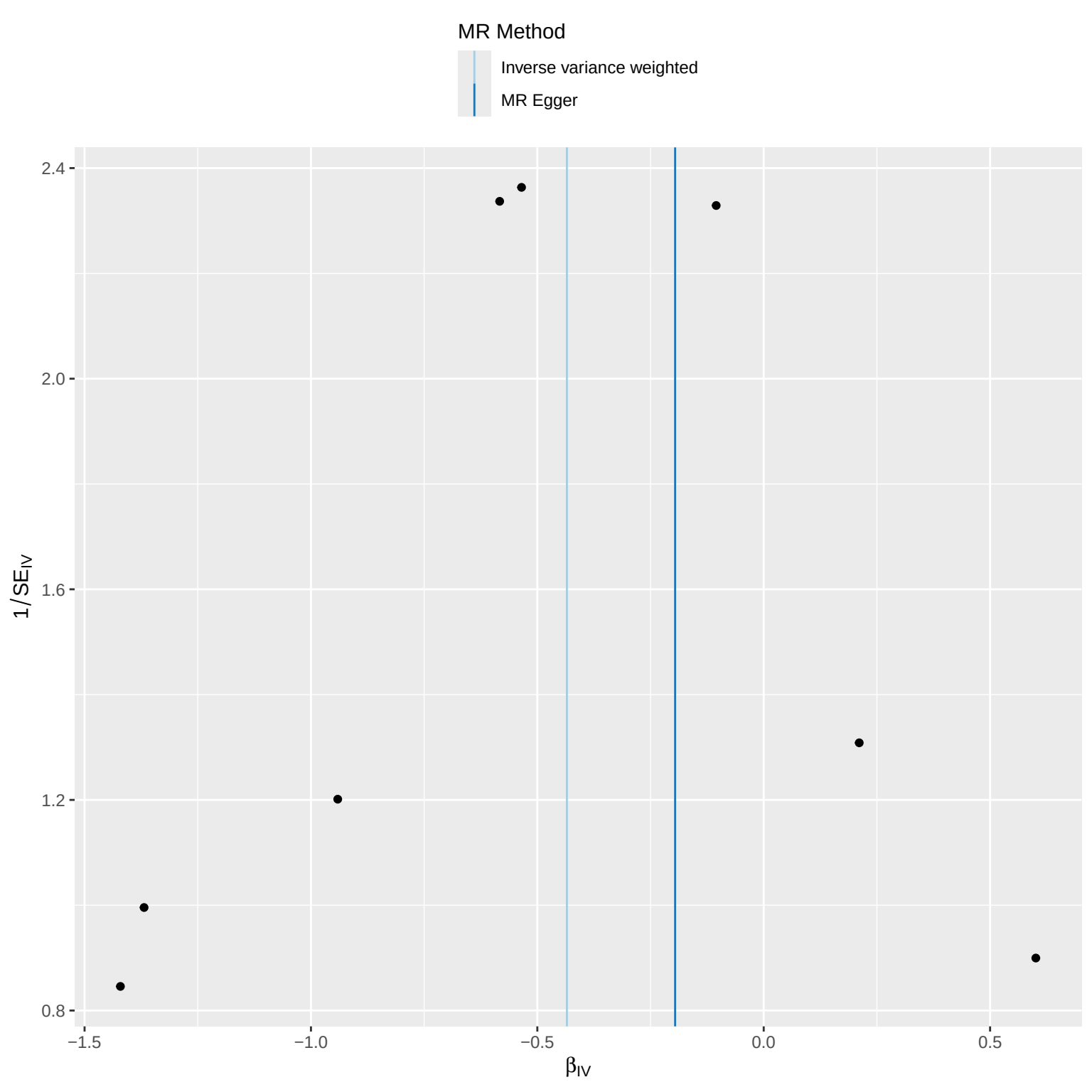

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

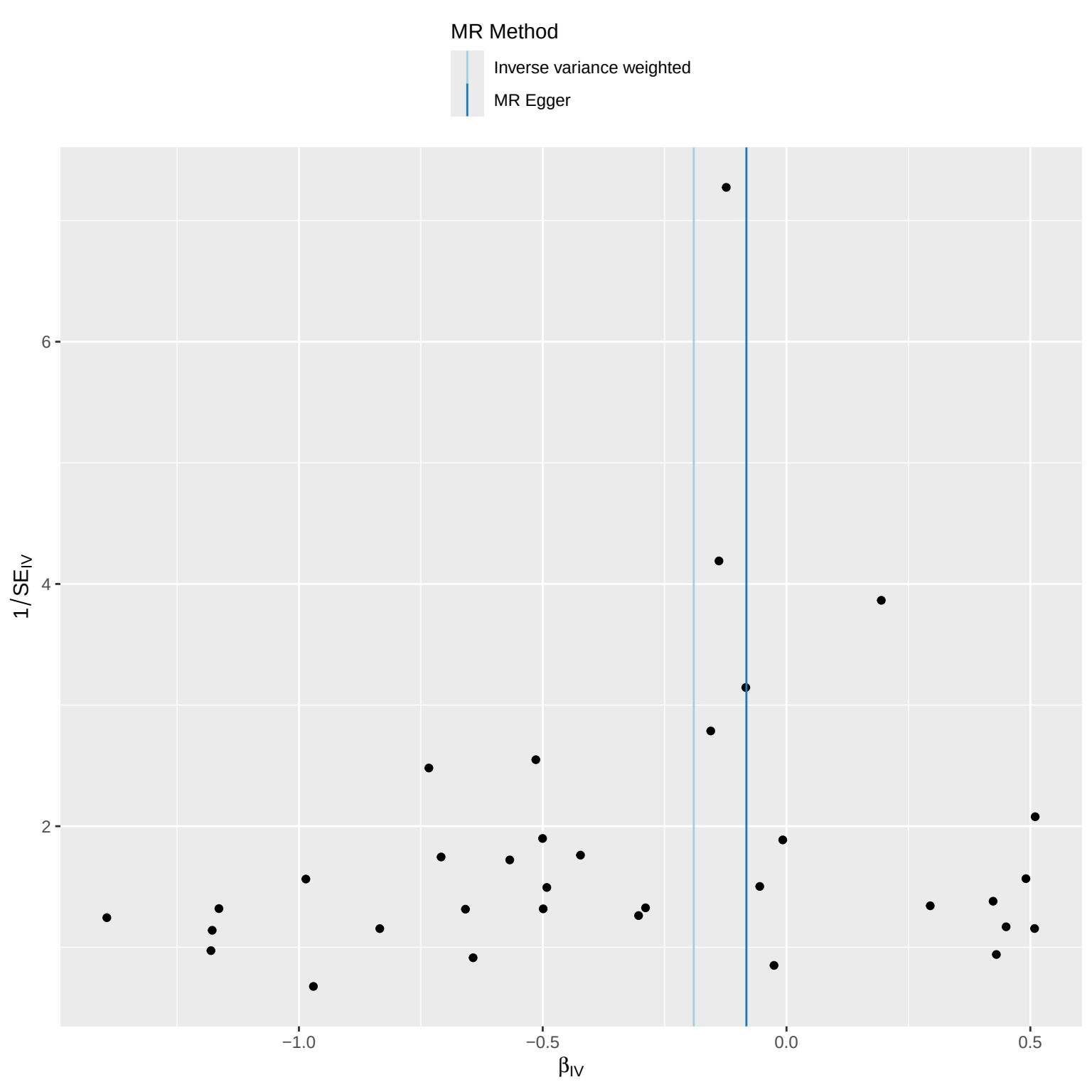

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
1/SE_IV
0
1
β_IV

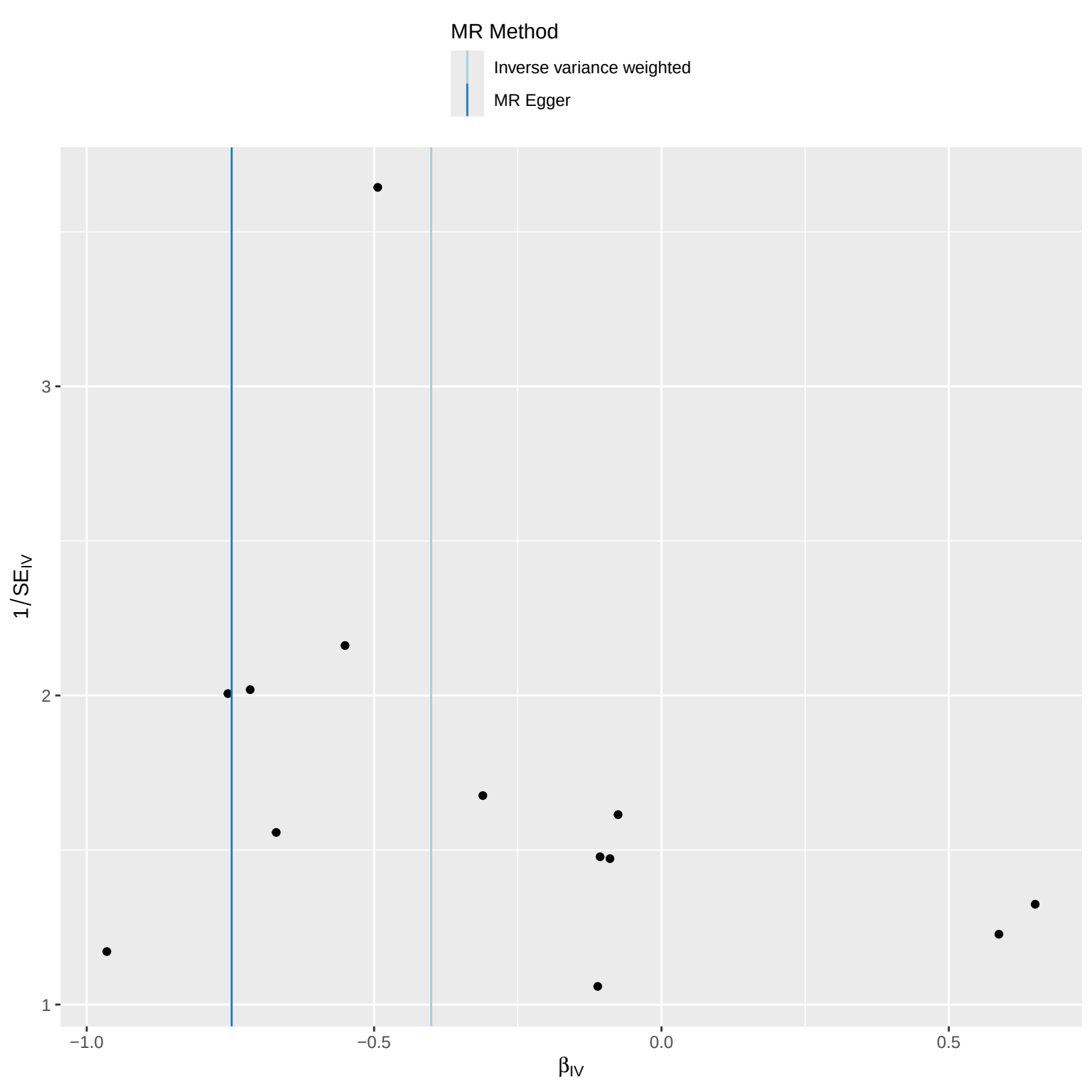

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

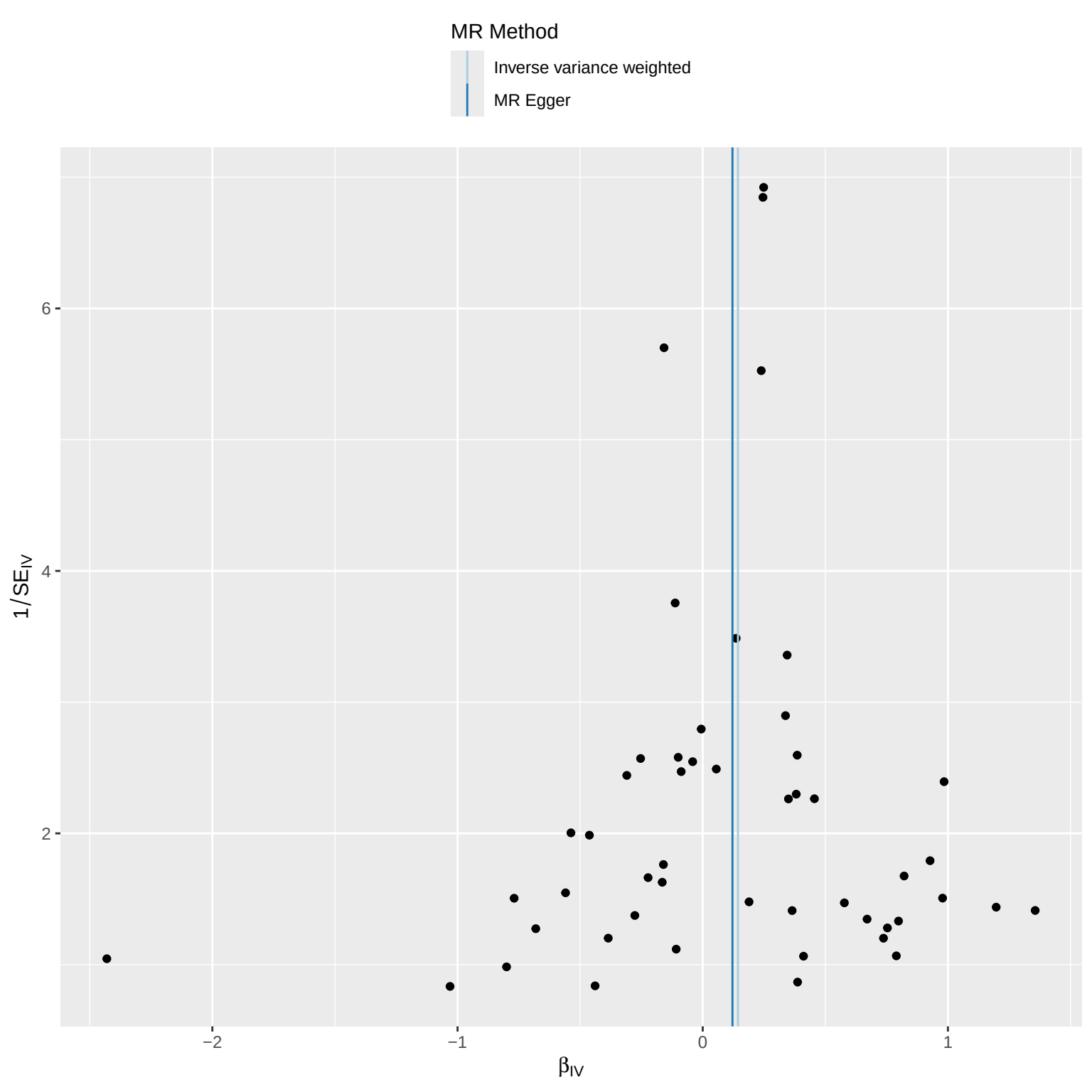

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

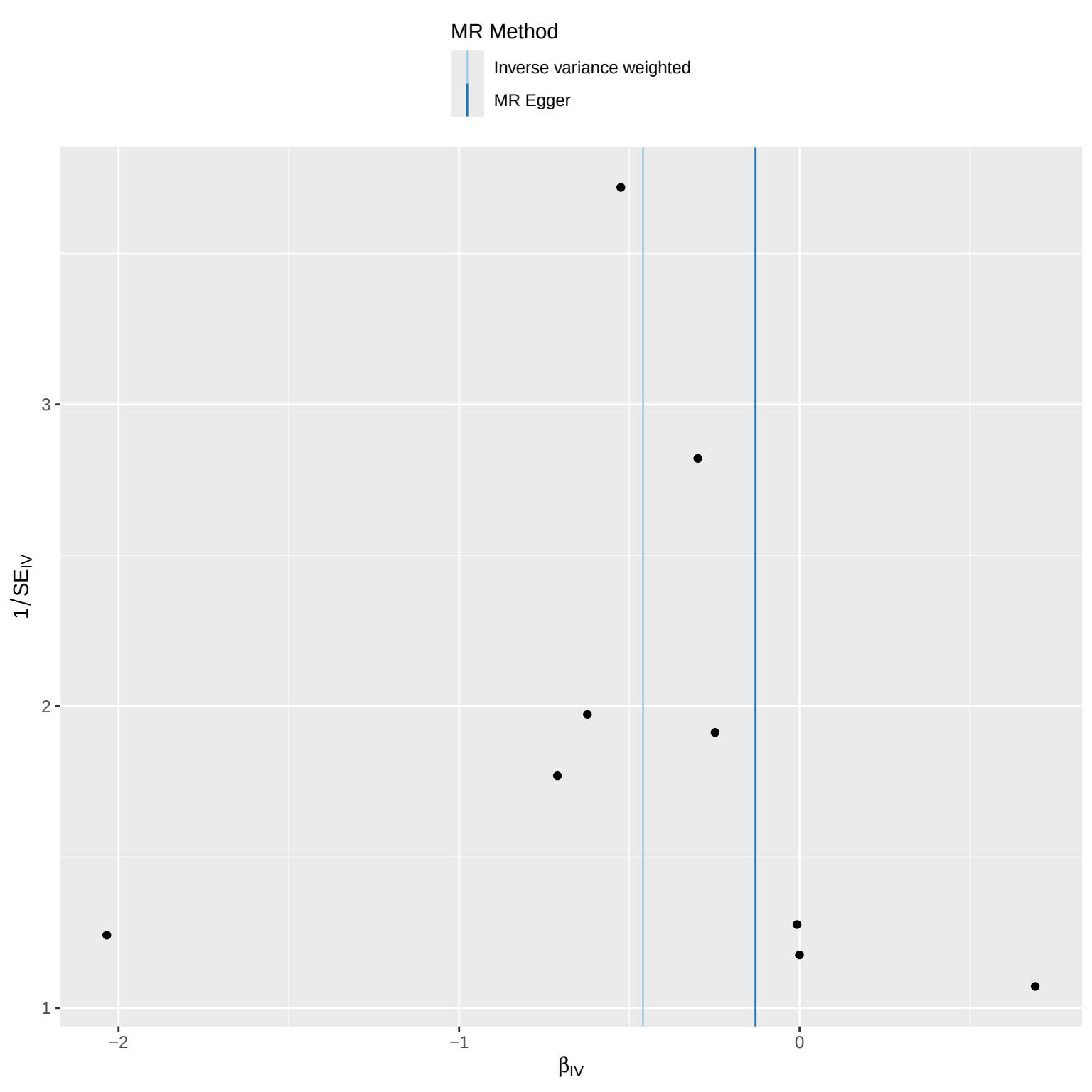

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

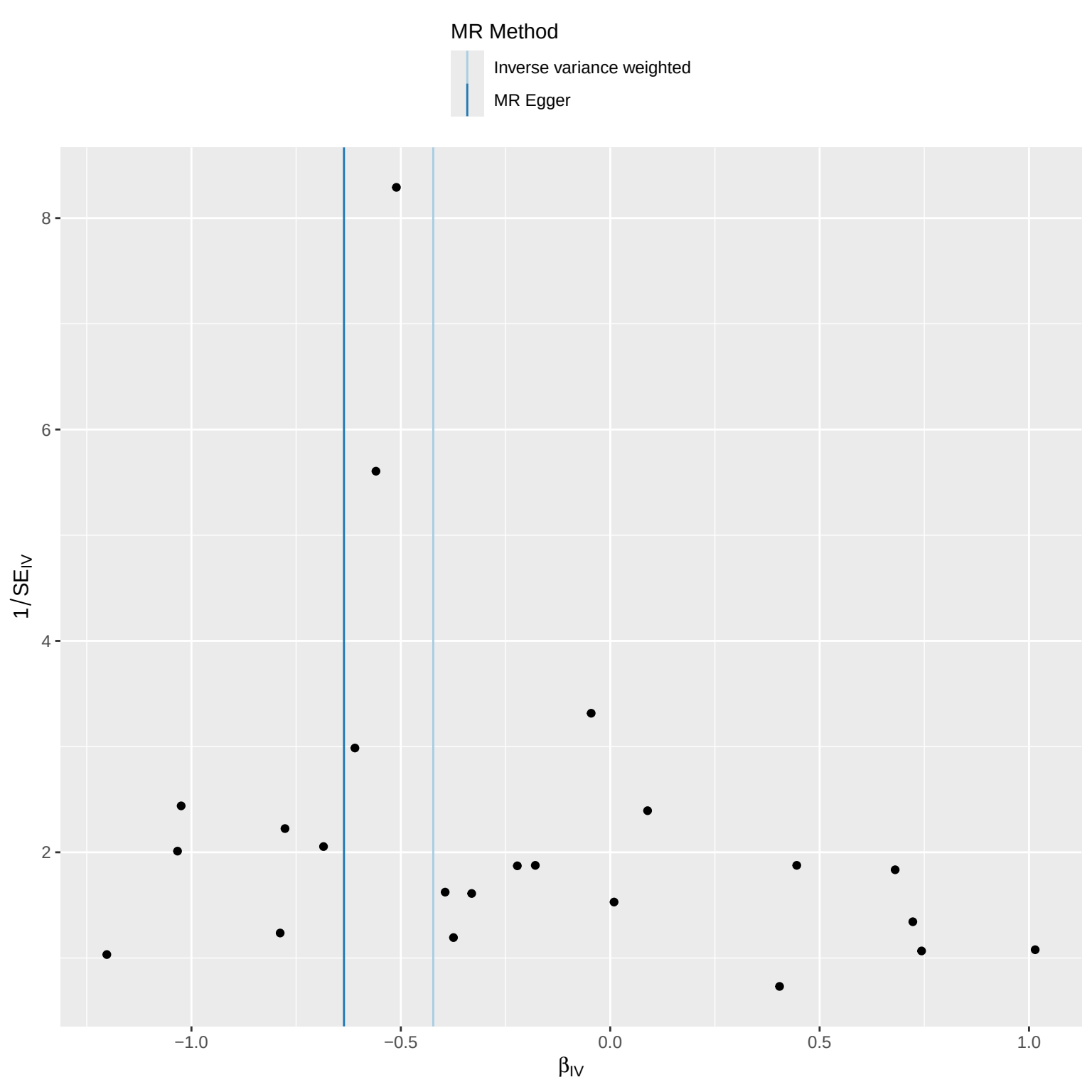

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

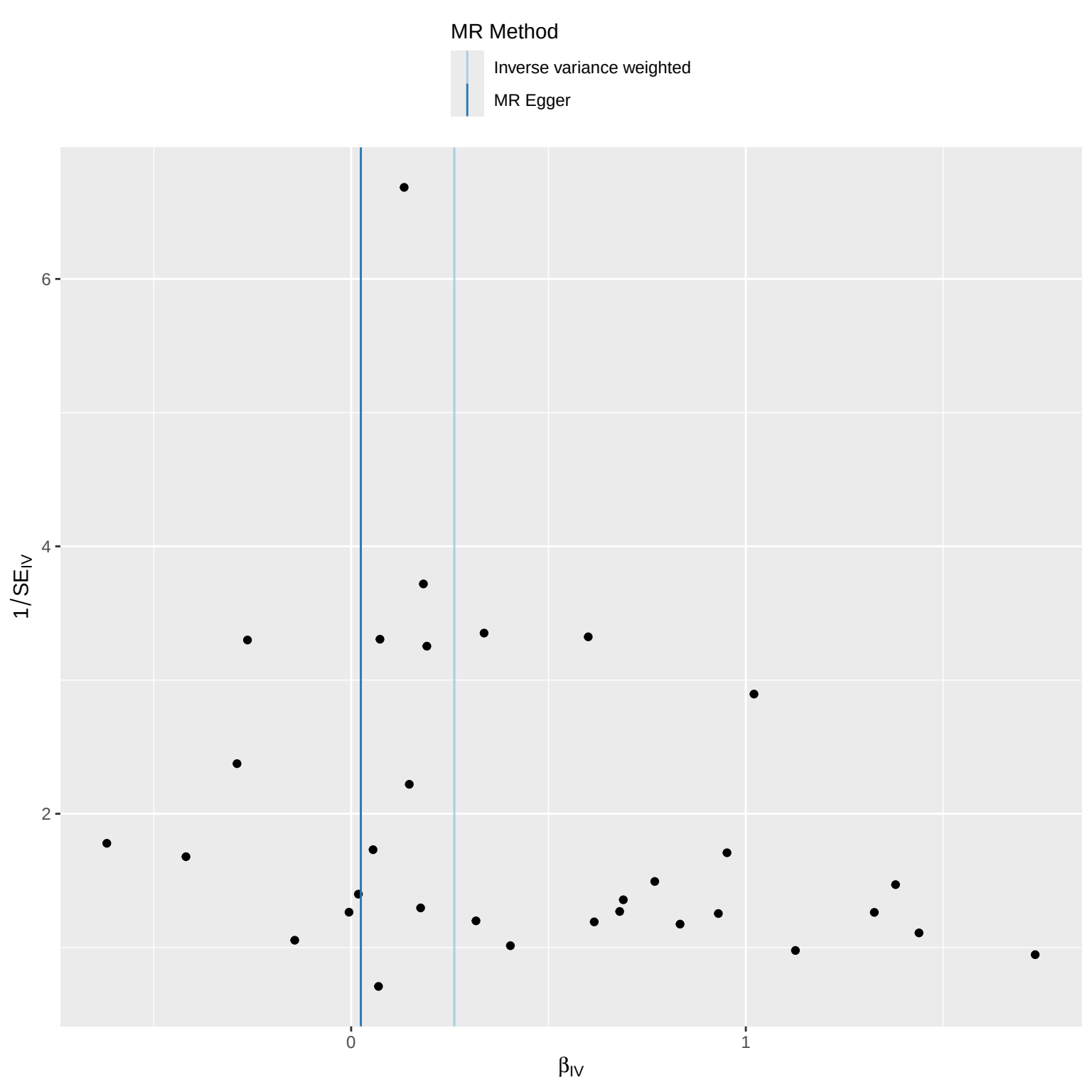

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

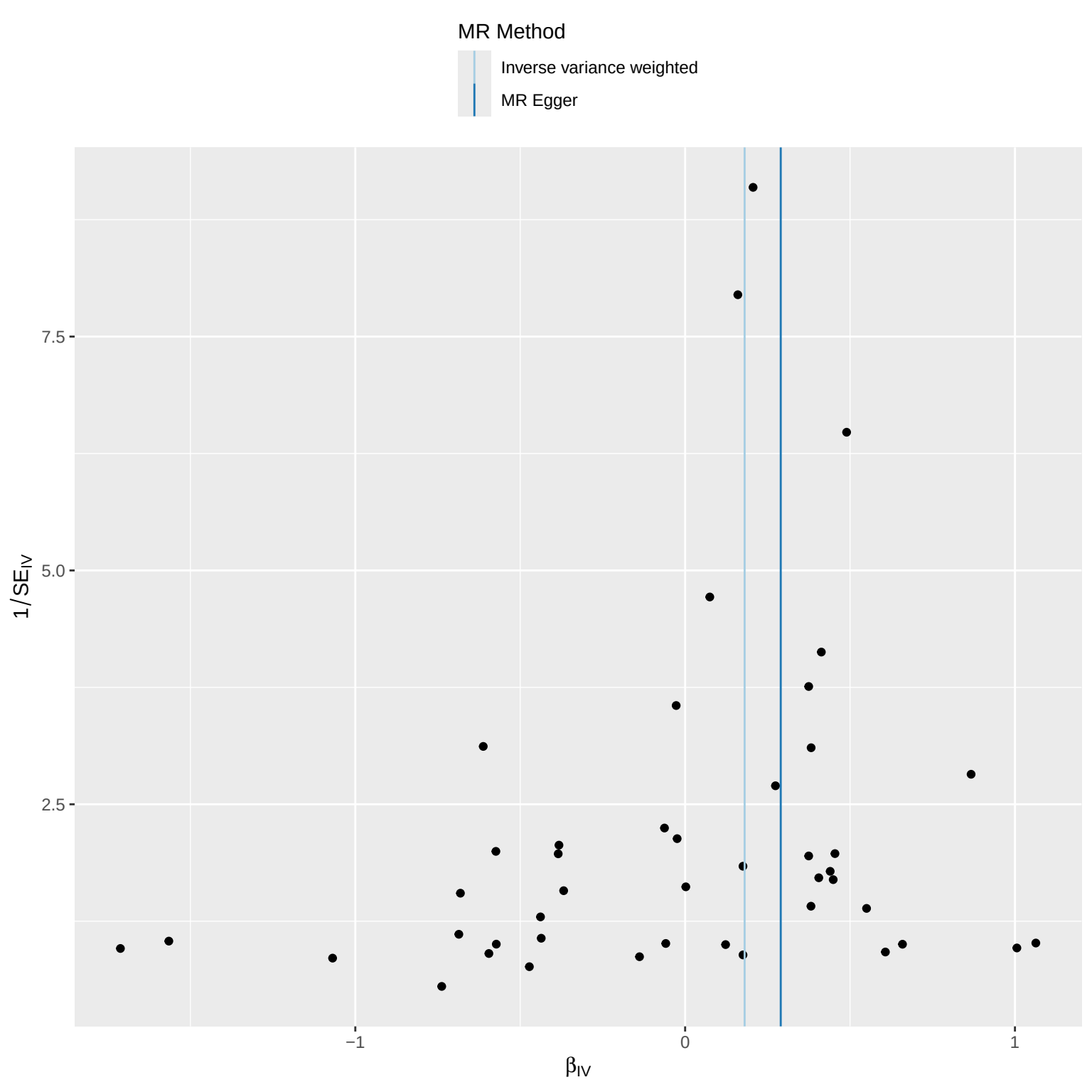

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

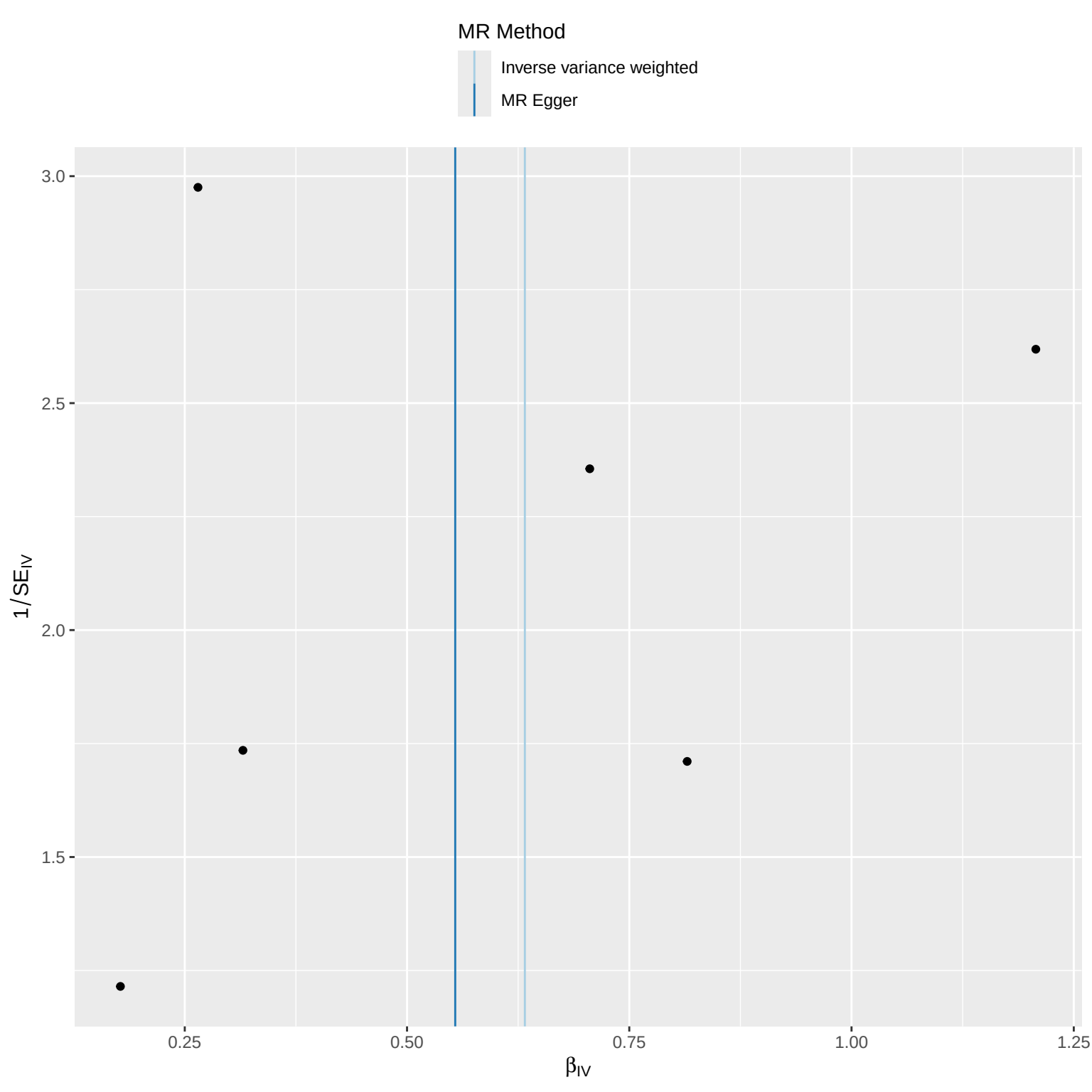

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

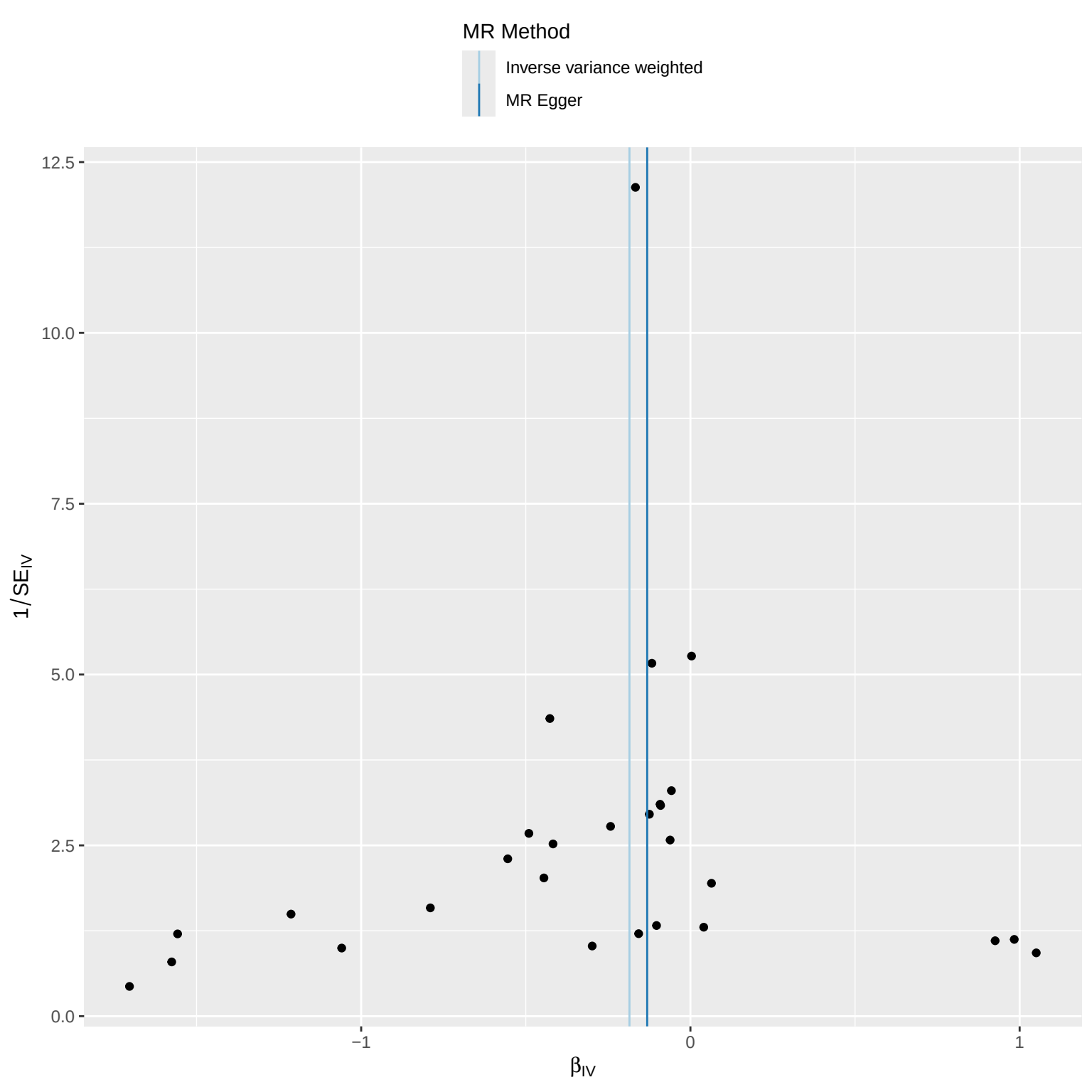

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

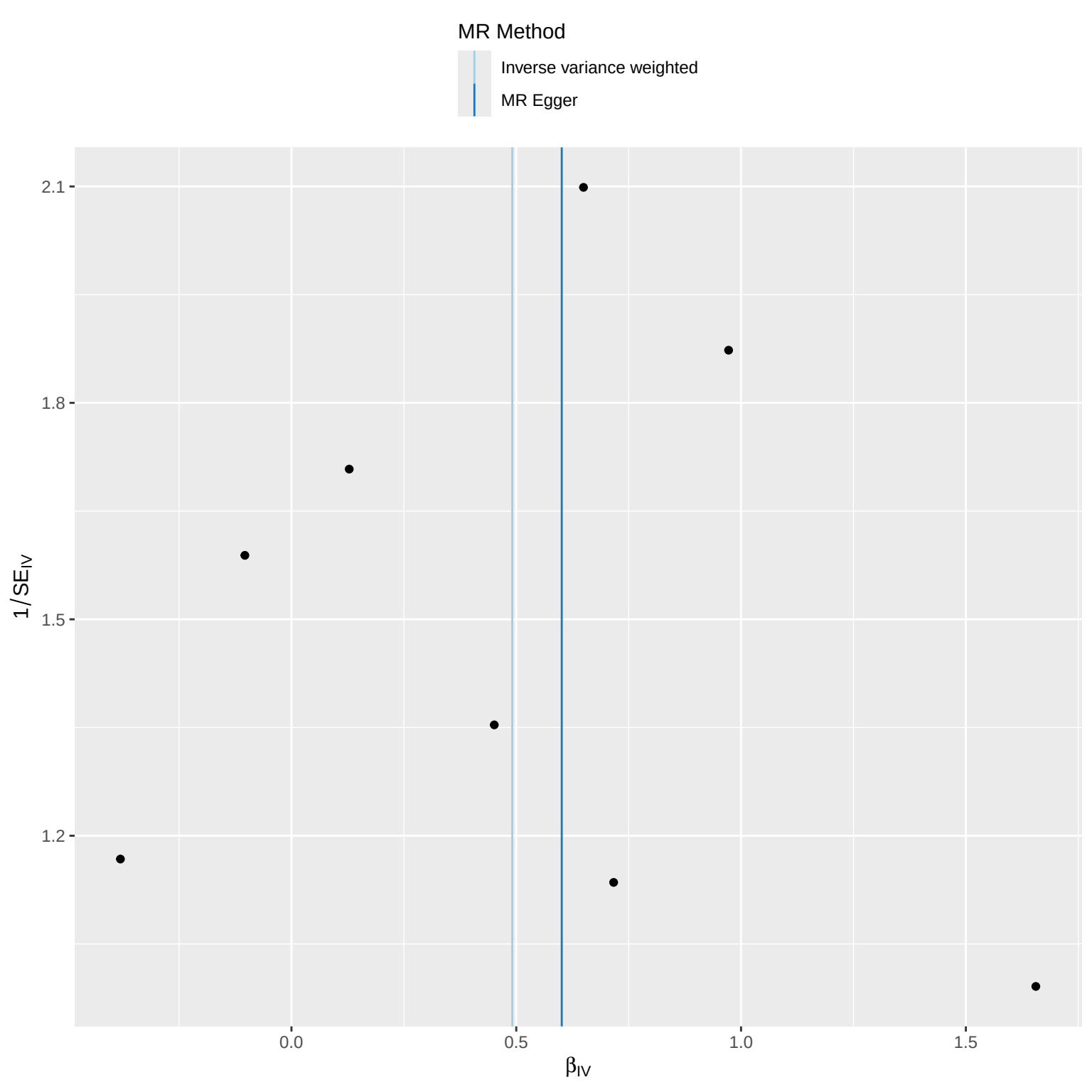

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

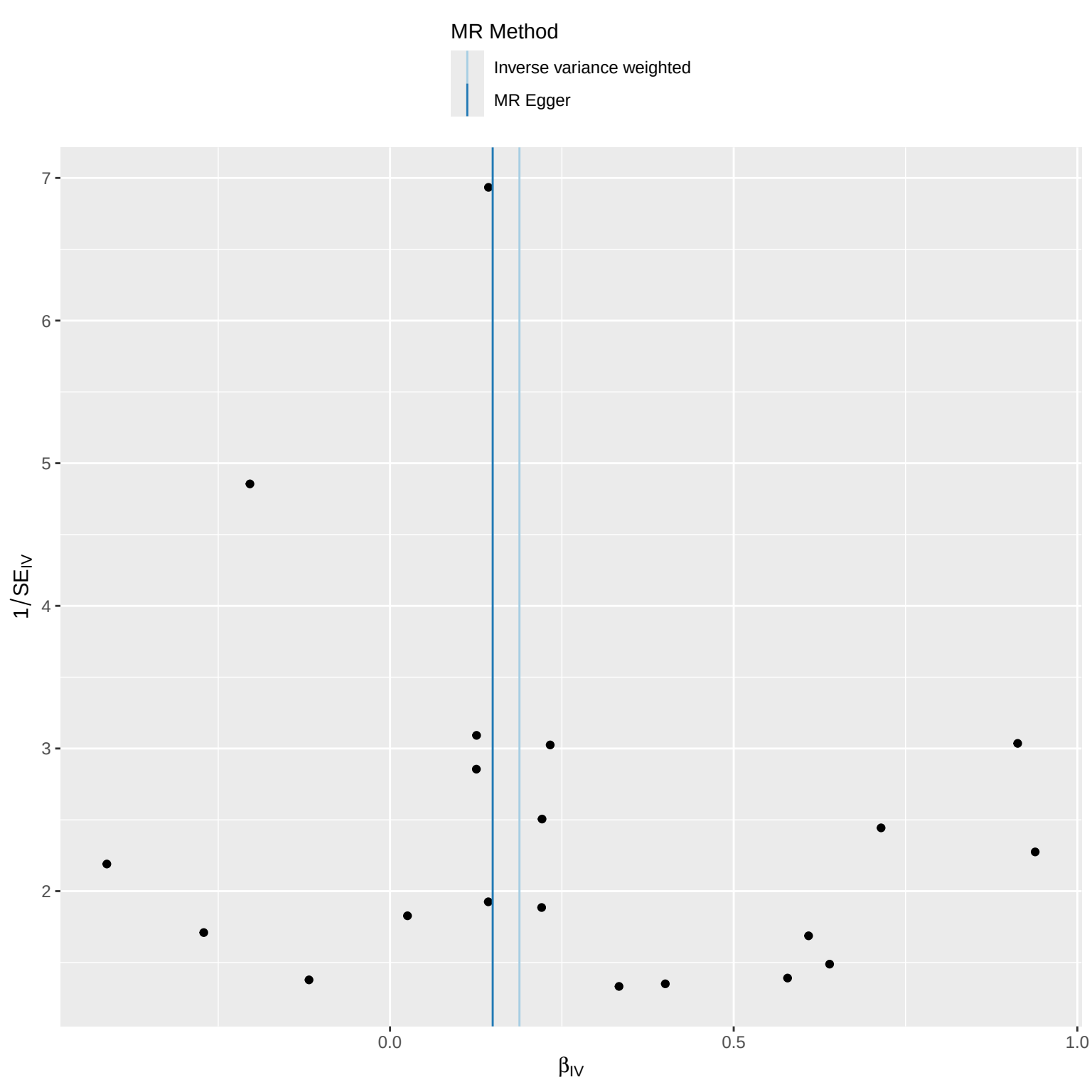

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1
1/SE_IV
β_IV

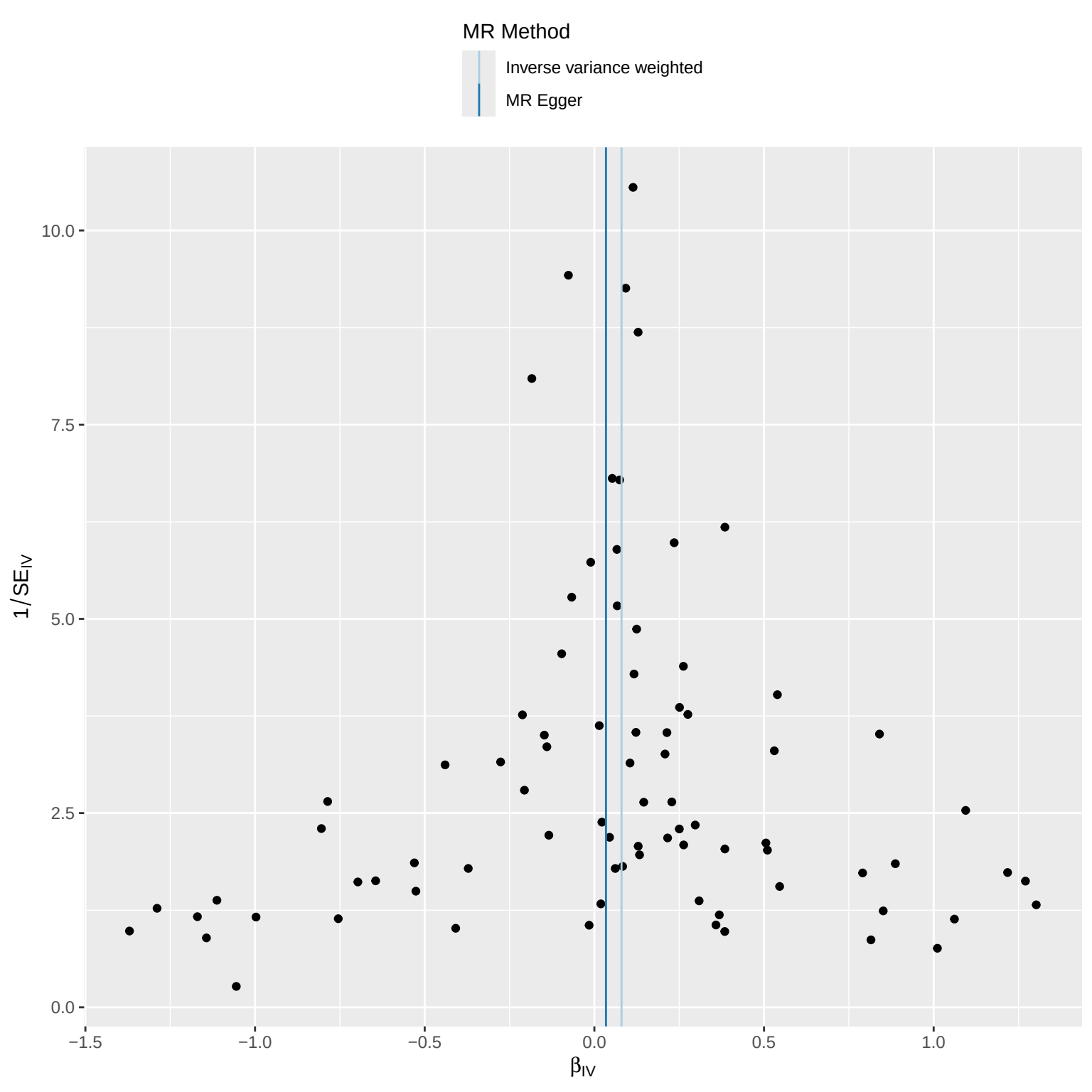

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

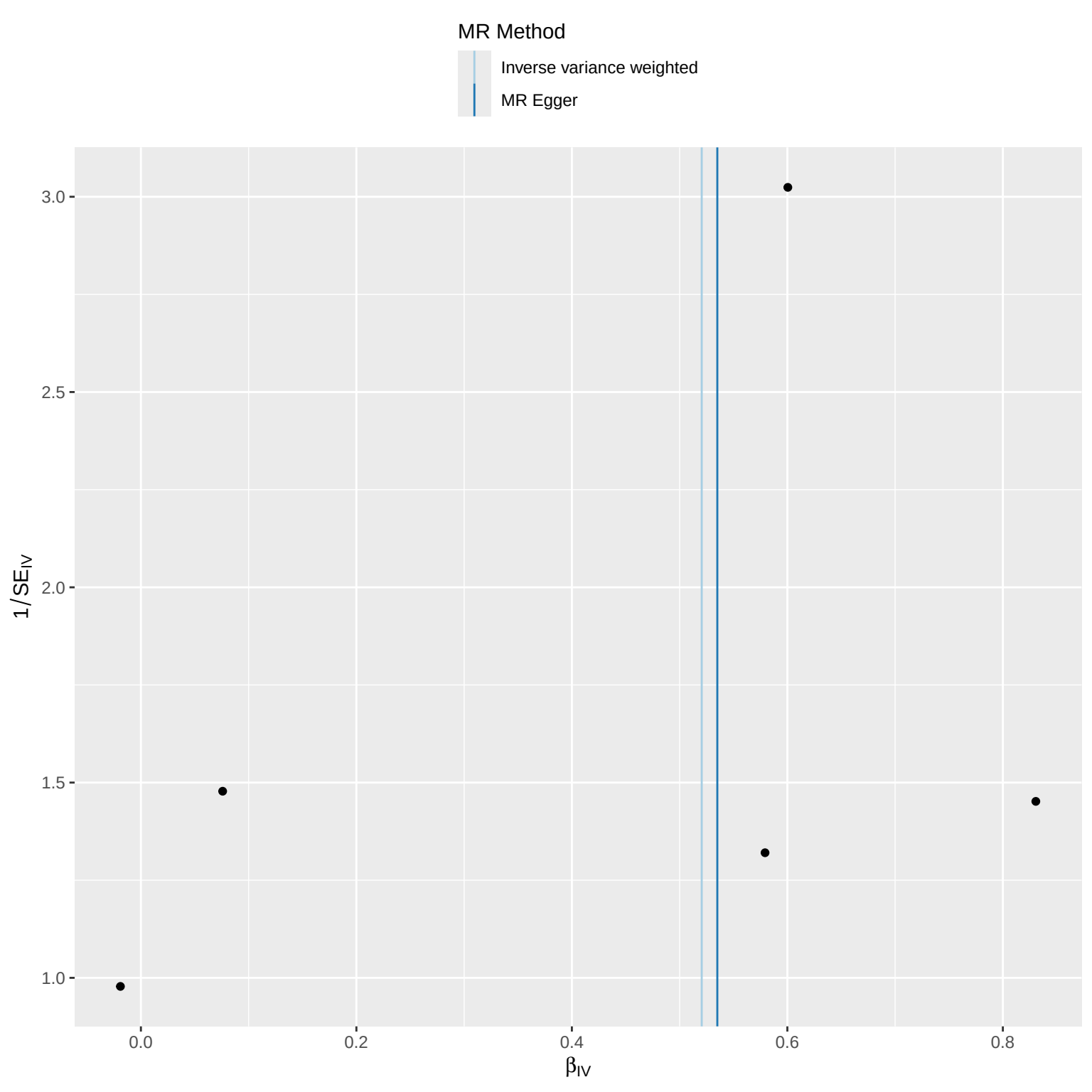

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.25
0.50
0.75
1.00
1.25
β_IV

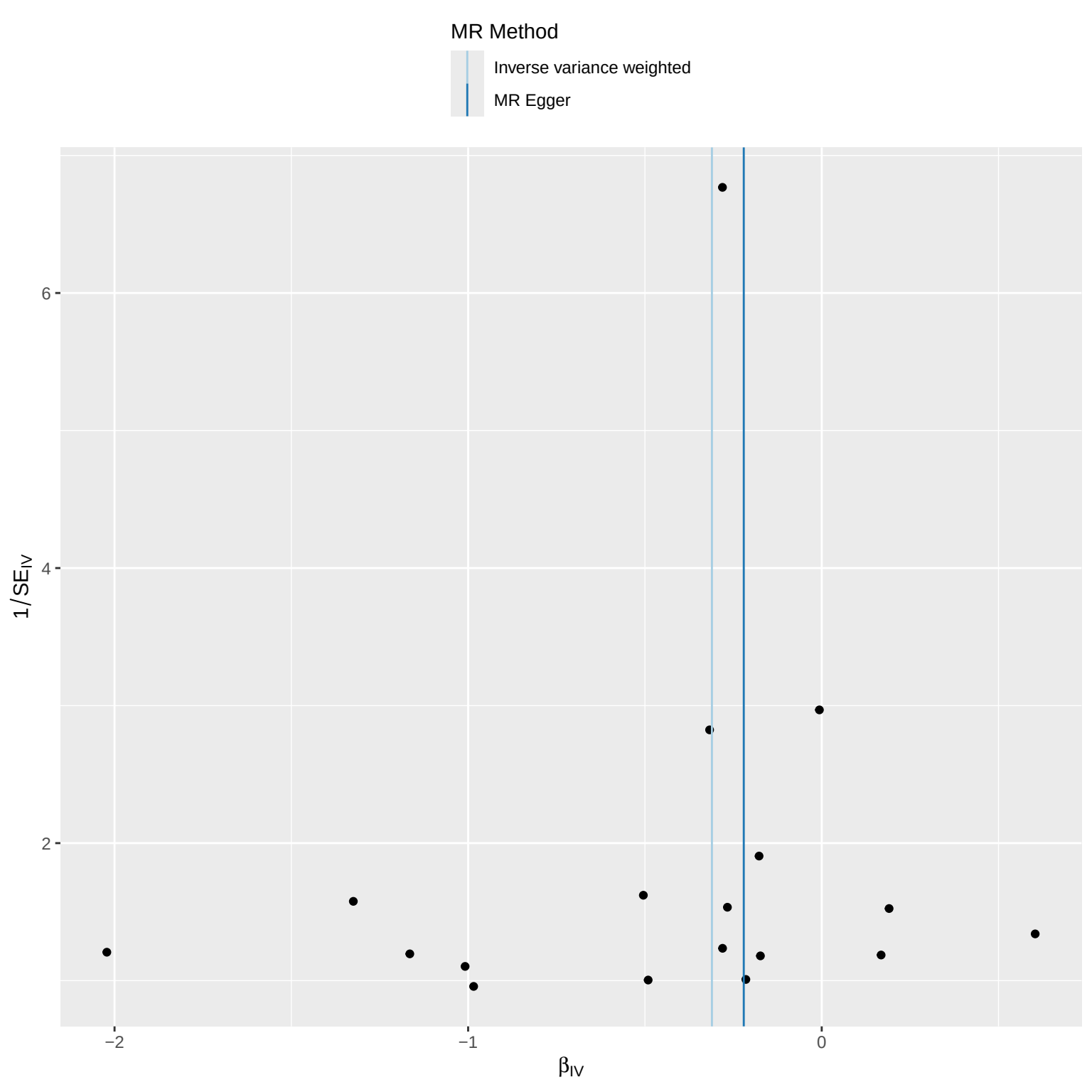

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−1
0
1
β_IV

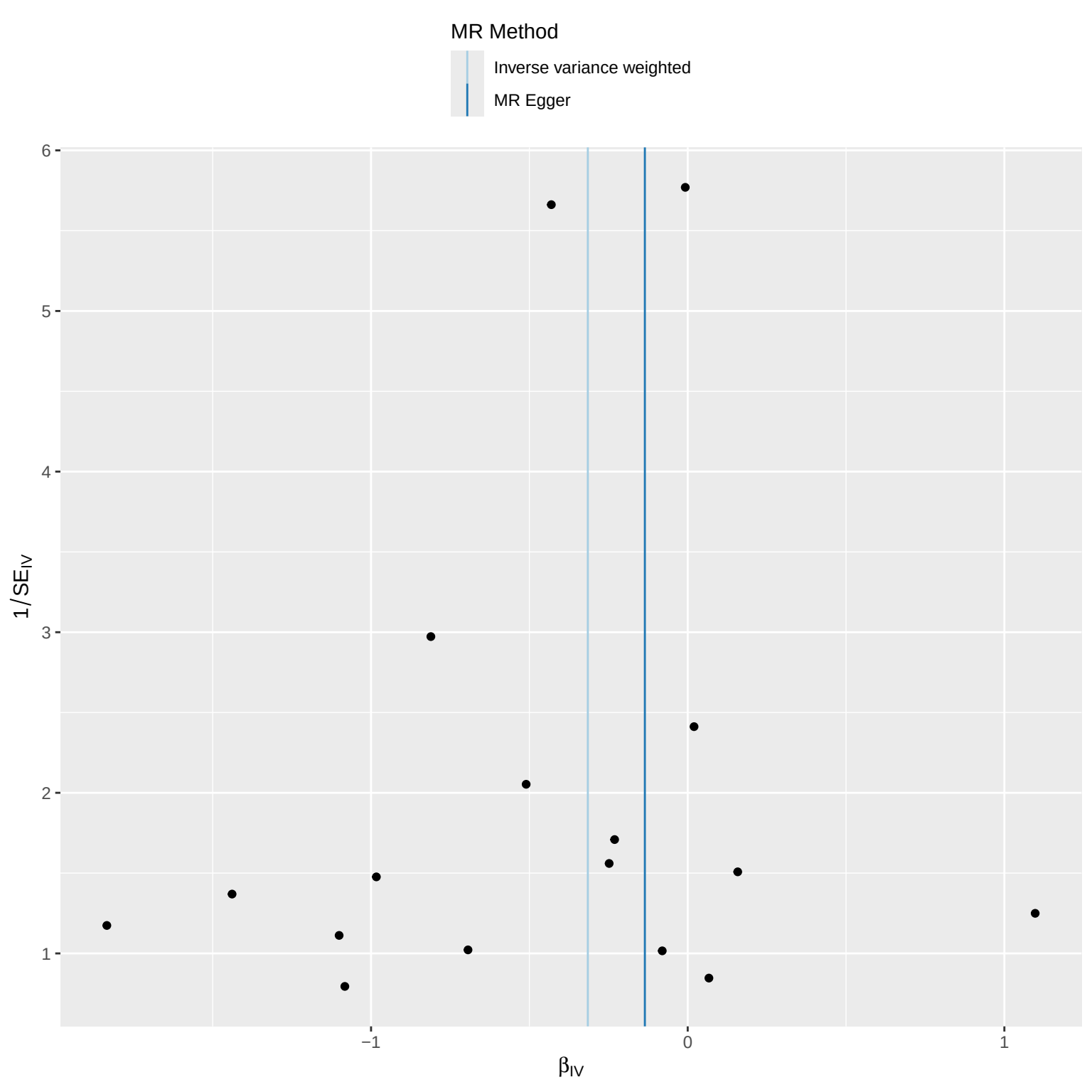

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

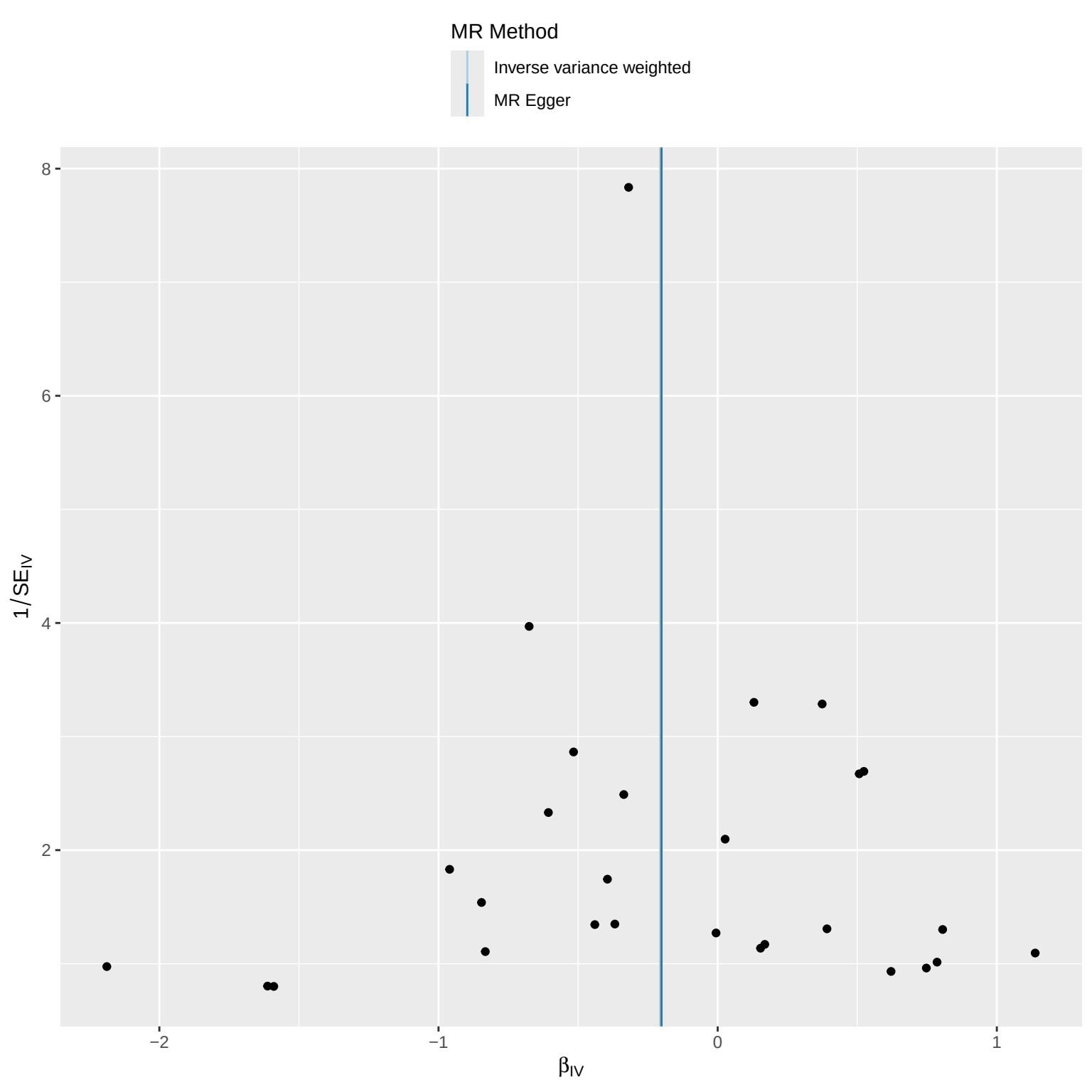

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
0.0
0.5
1.0
β_IV

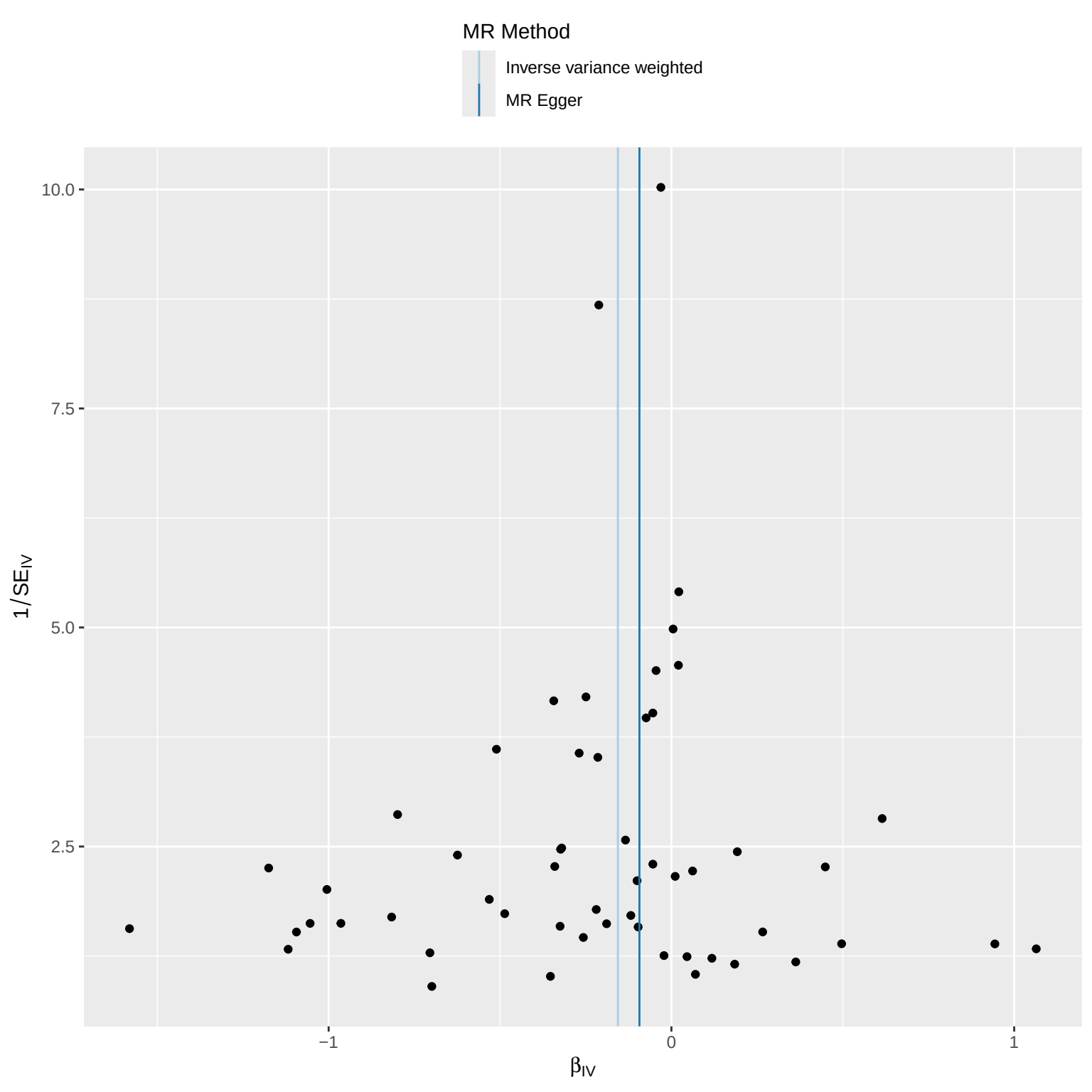

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

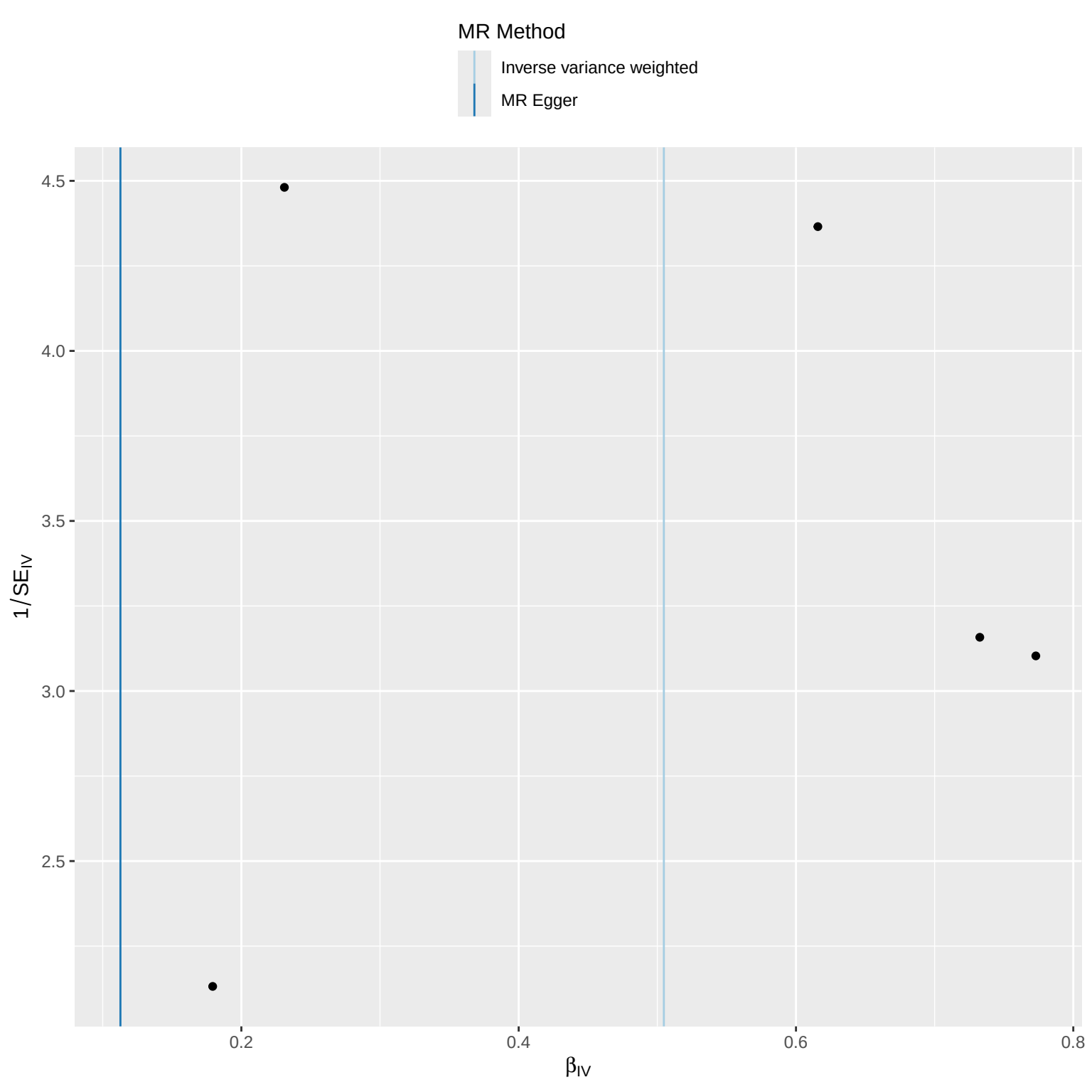

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.2
0.4
0.6
0.8
β_IV

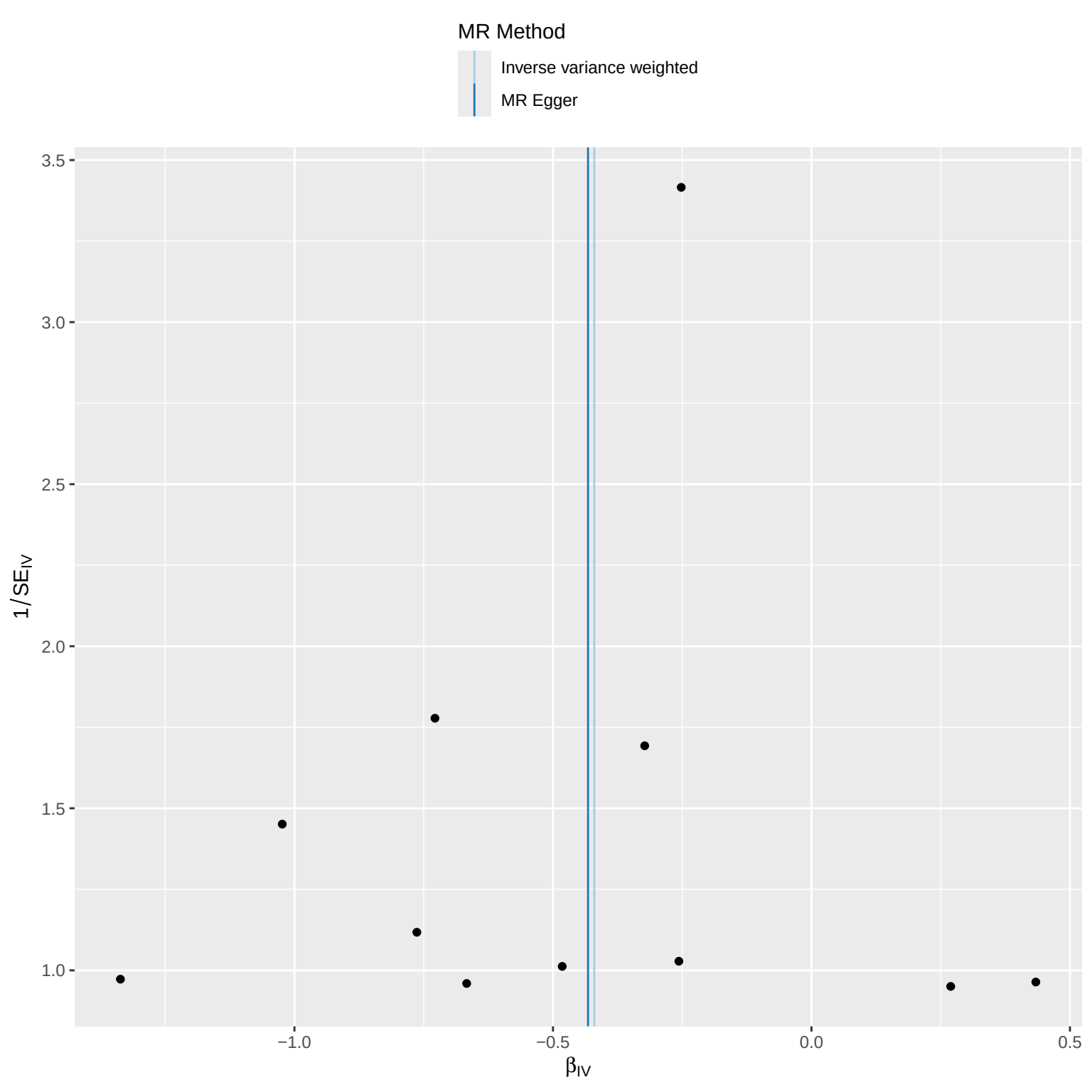

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

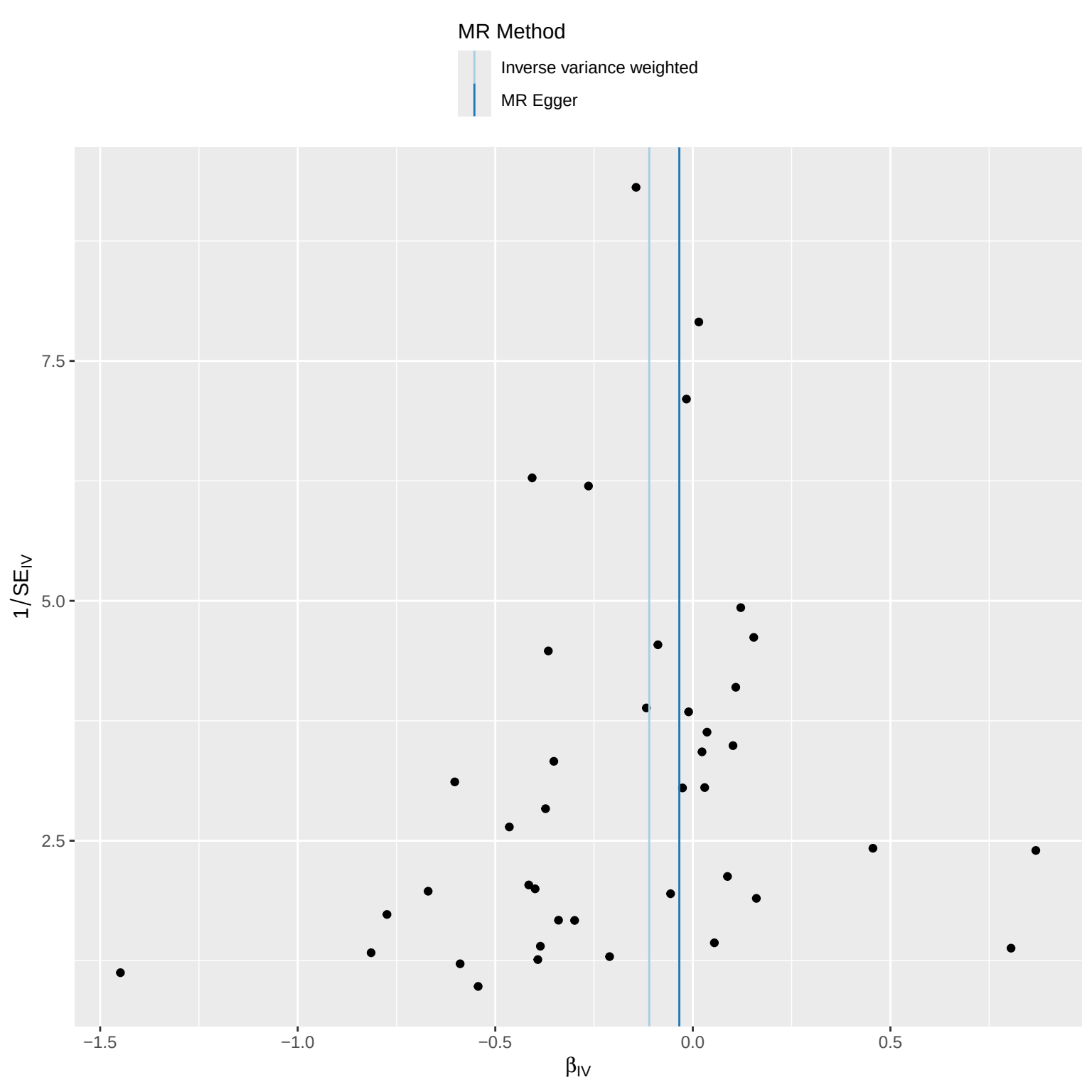

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

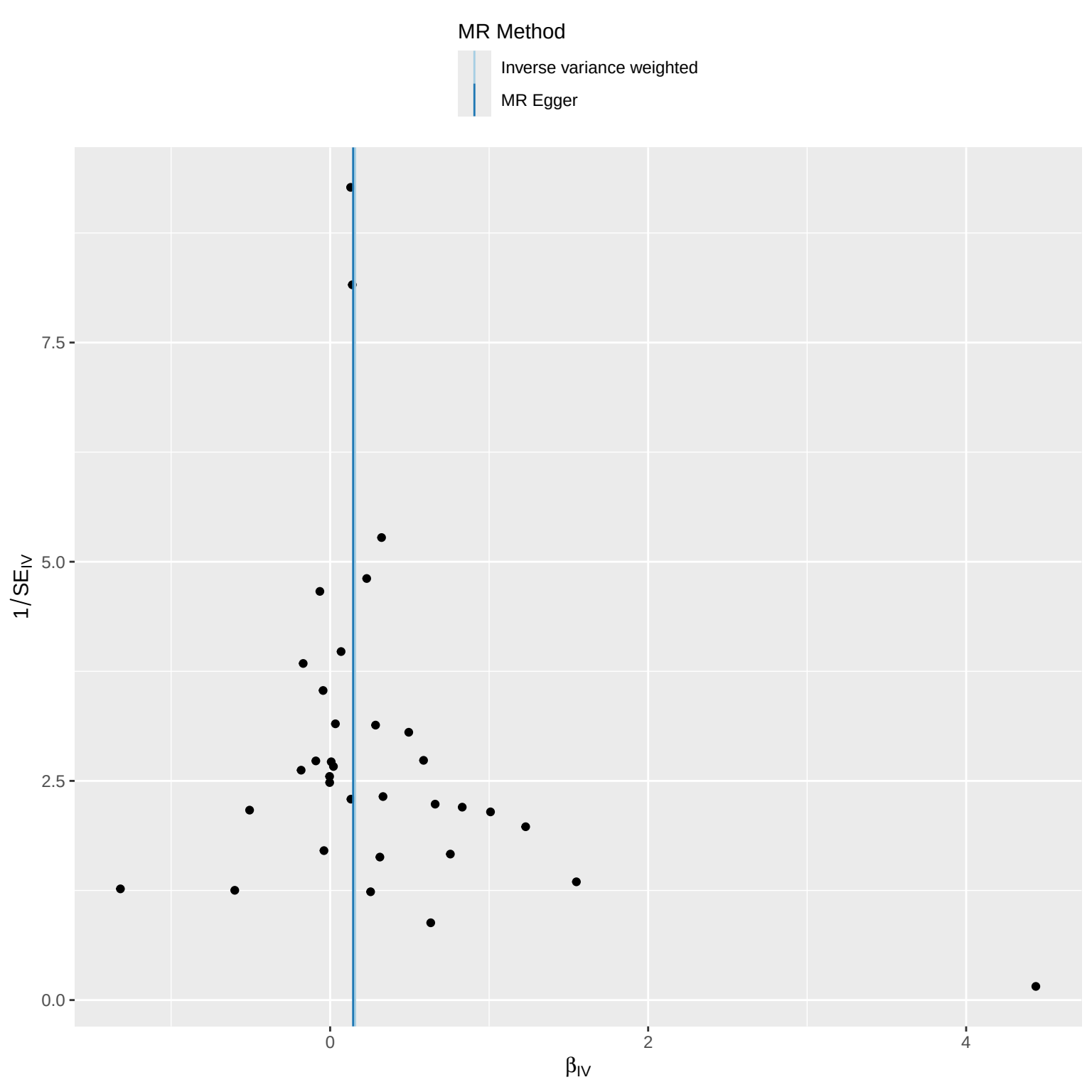

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

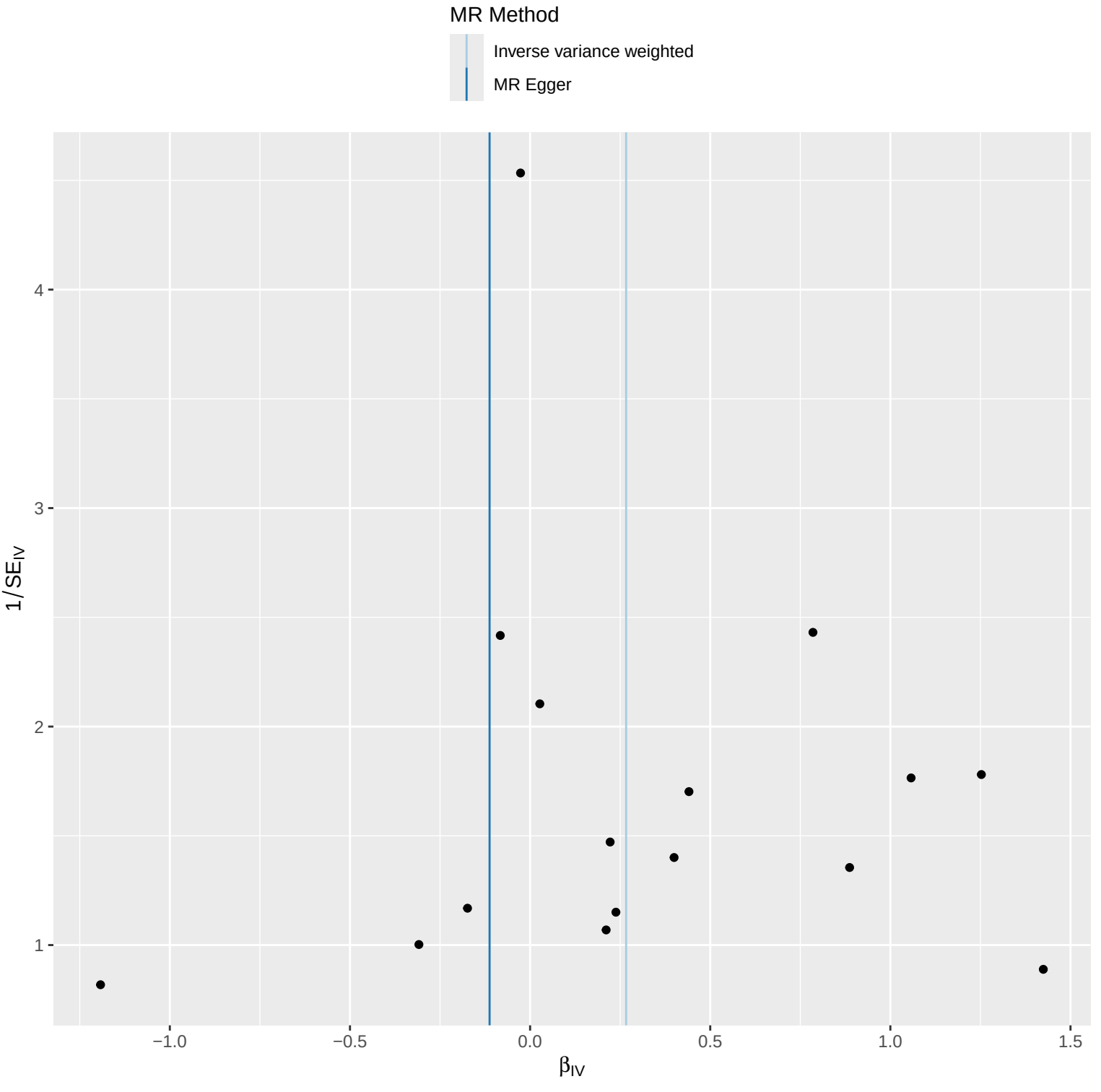

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

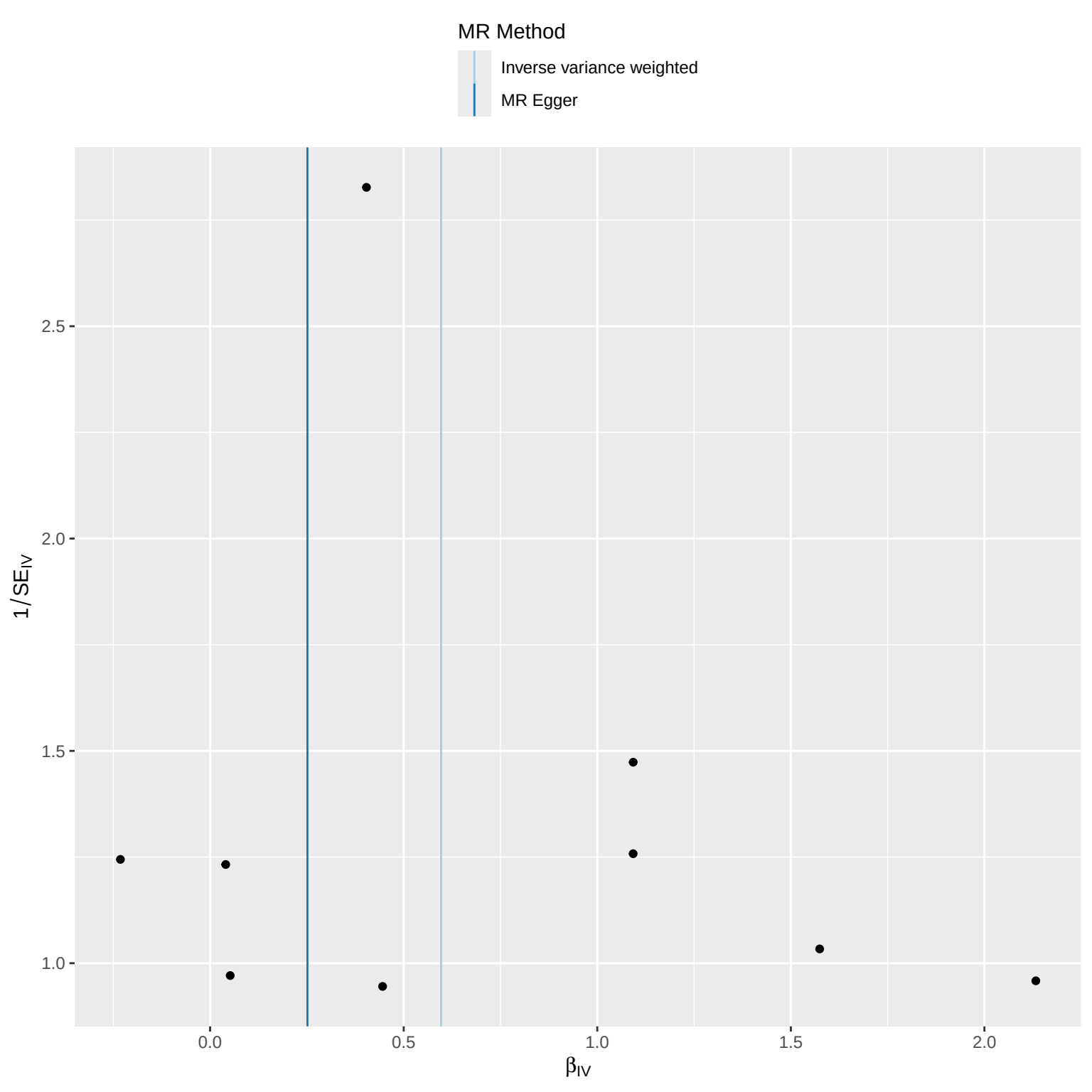

MR Method
Inverse variance weighted
MR Egger
4.5
4.0
3.5
3.0
2.5
1/SE_IV
0.2
0.4
0.6
0.8
β_IV

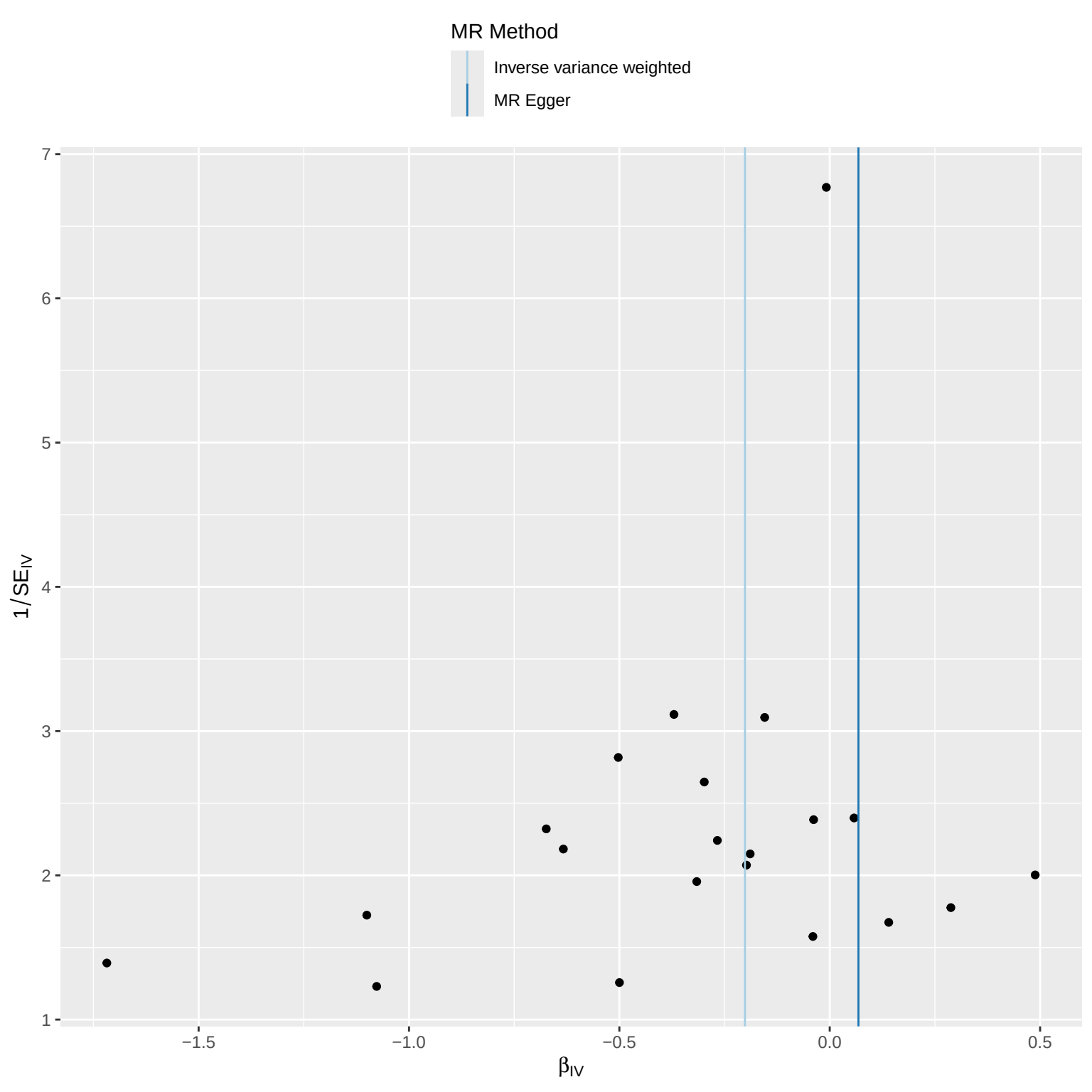

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

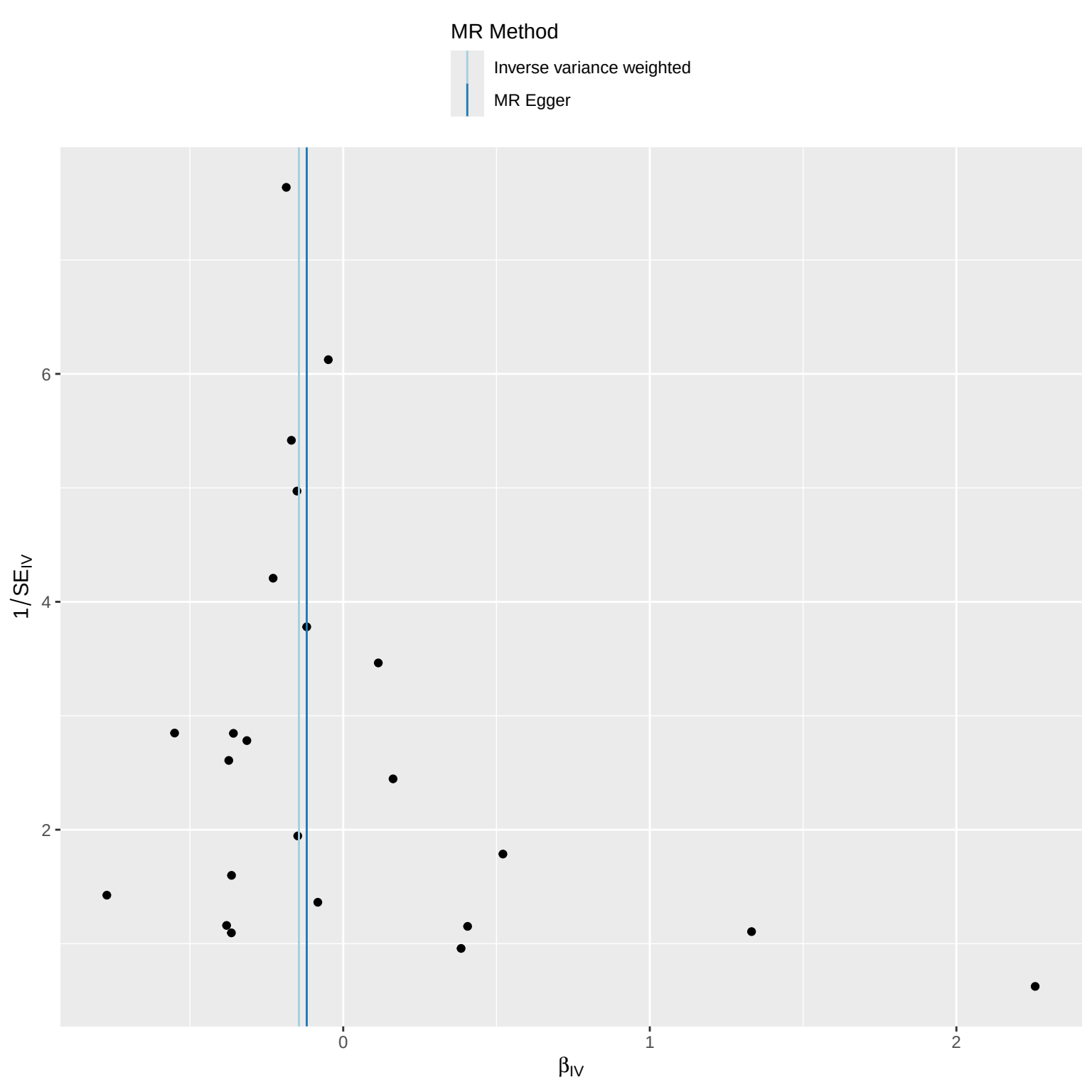

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

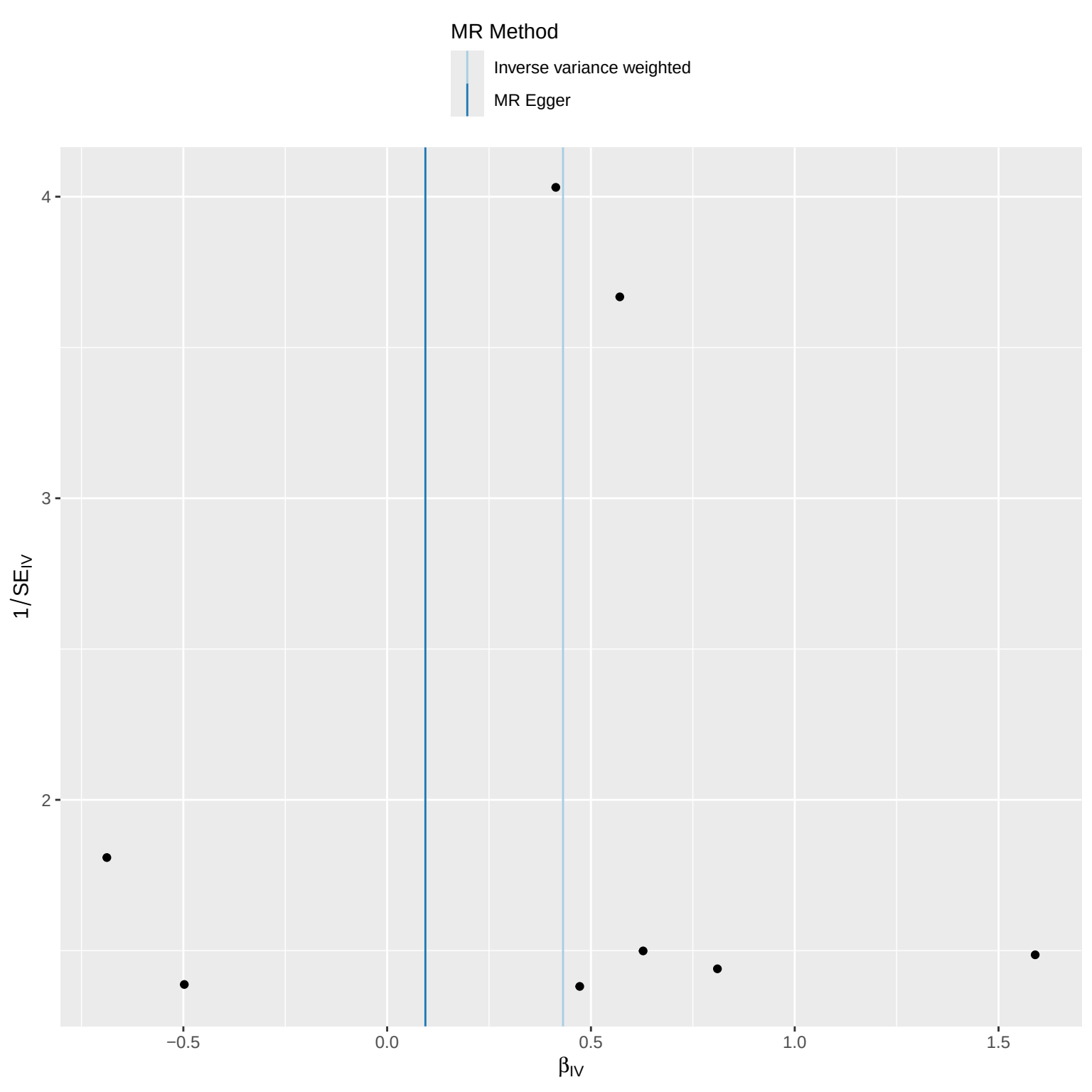

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
0
2
4
β_IV

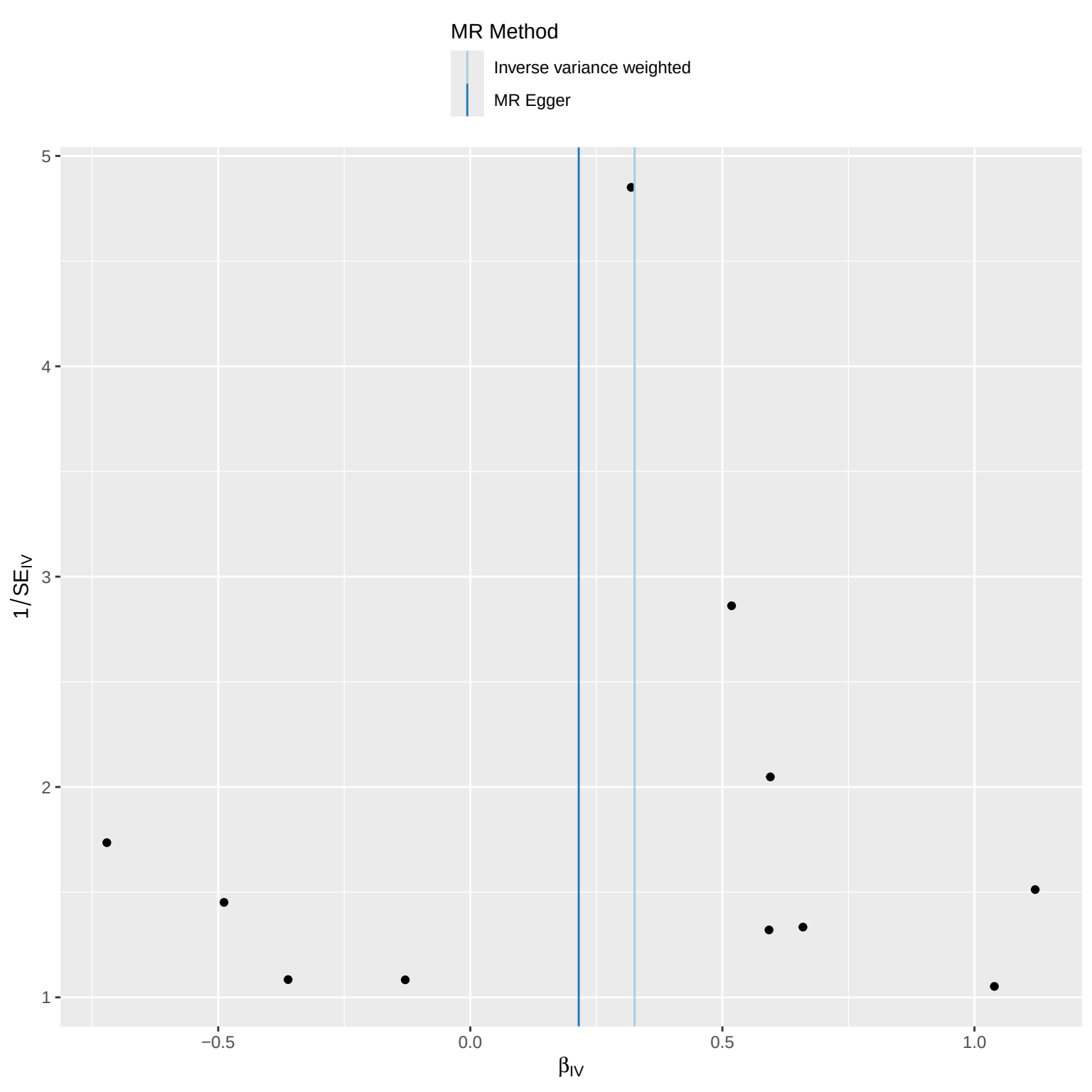

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

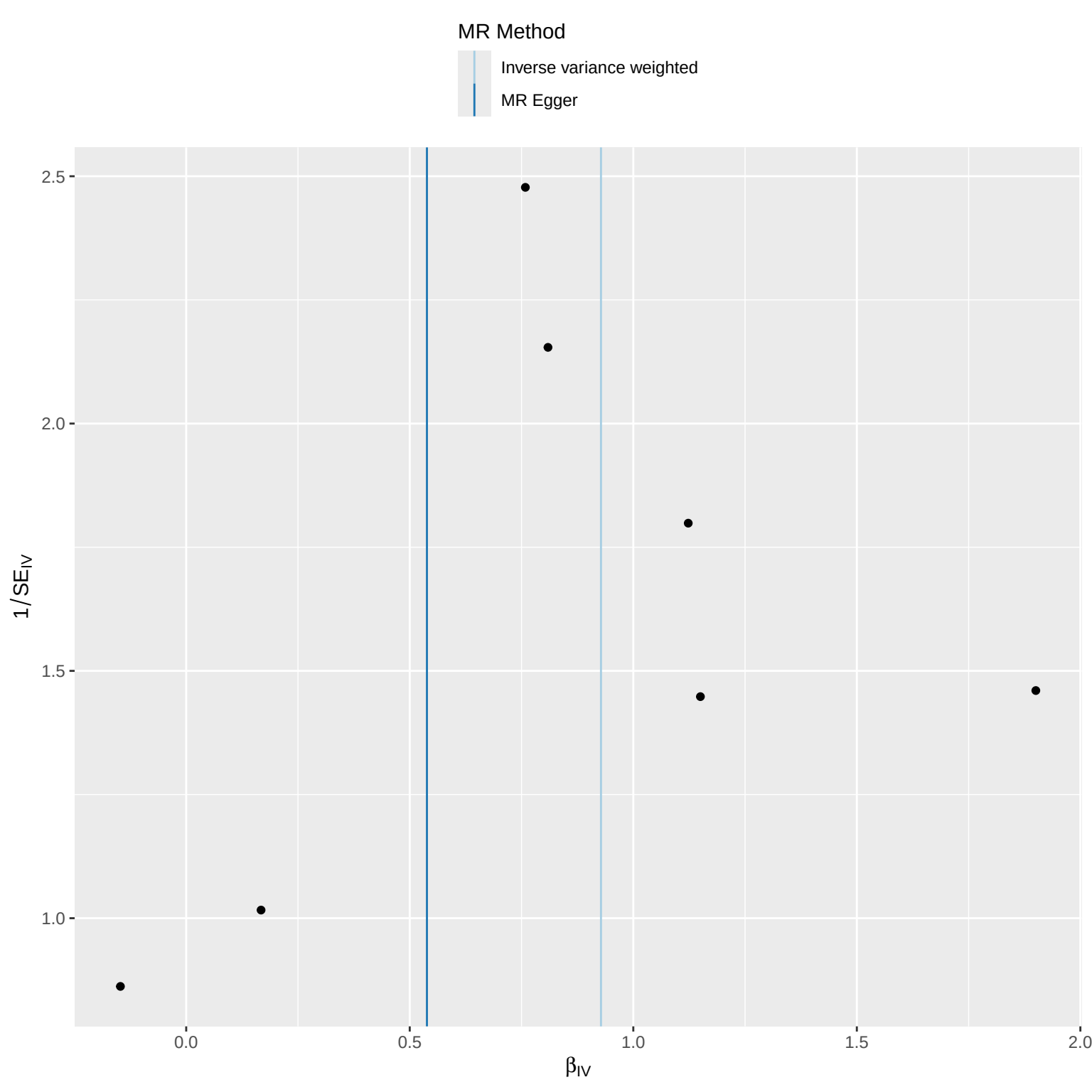

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

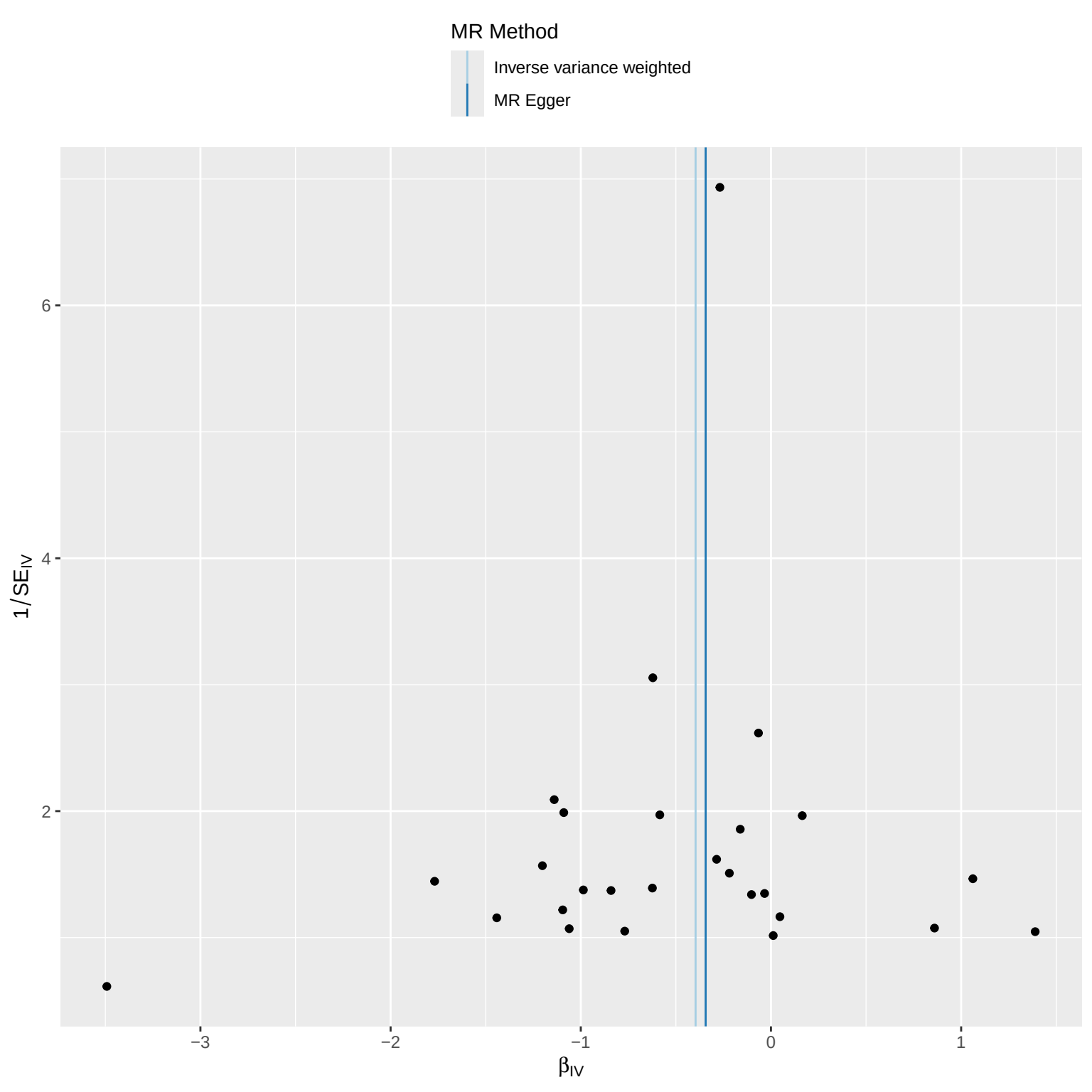

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

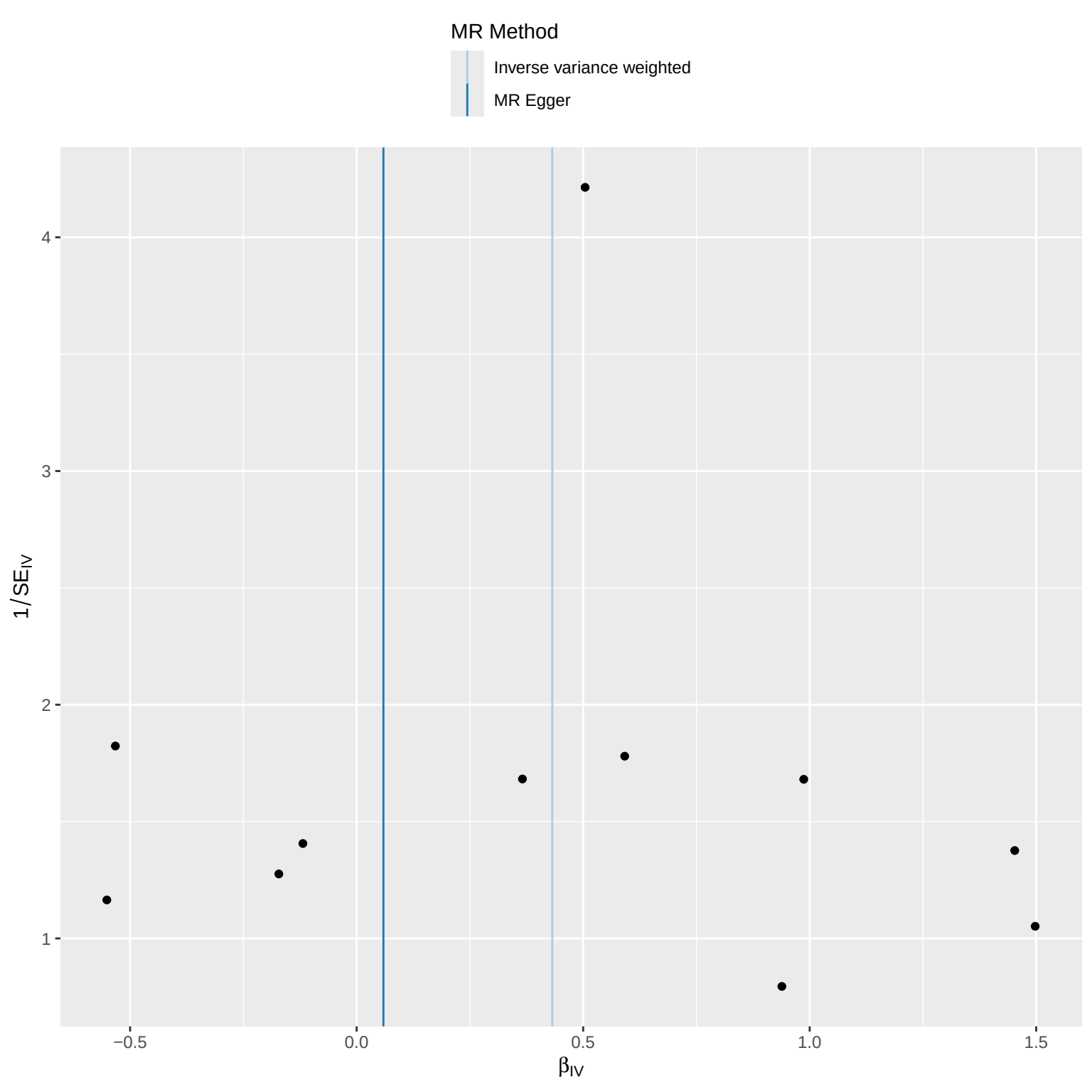

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

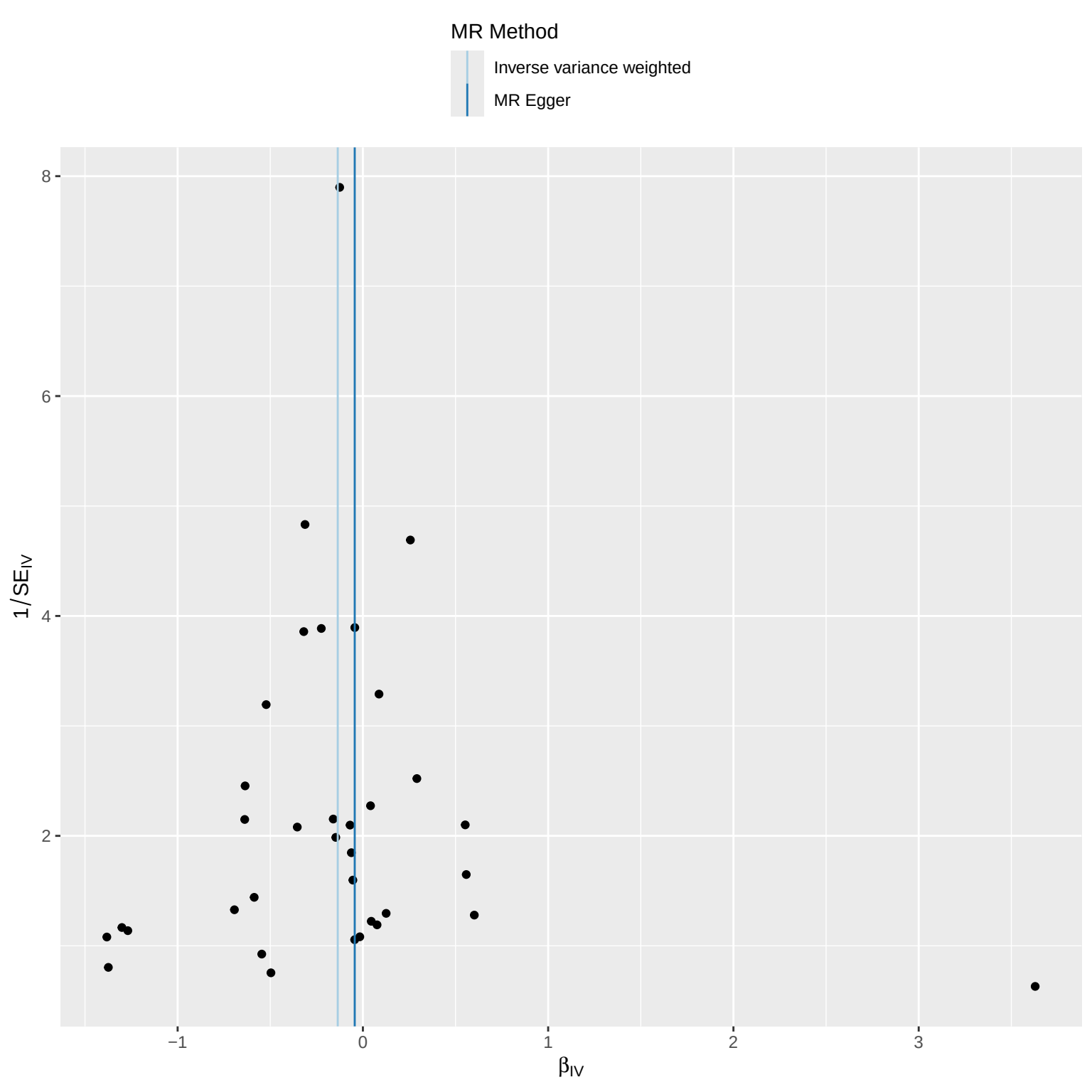

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

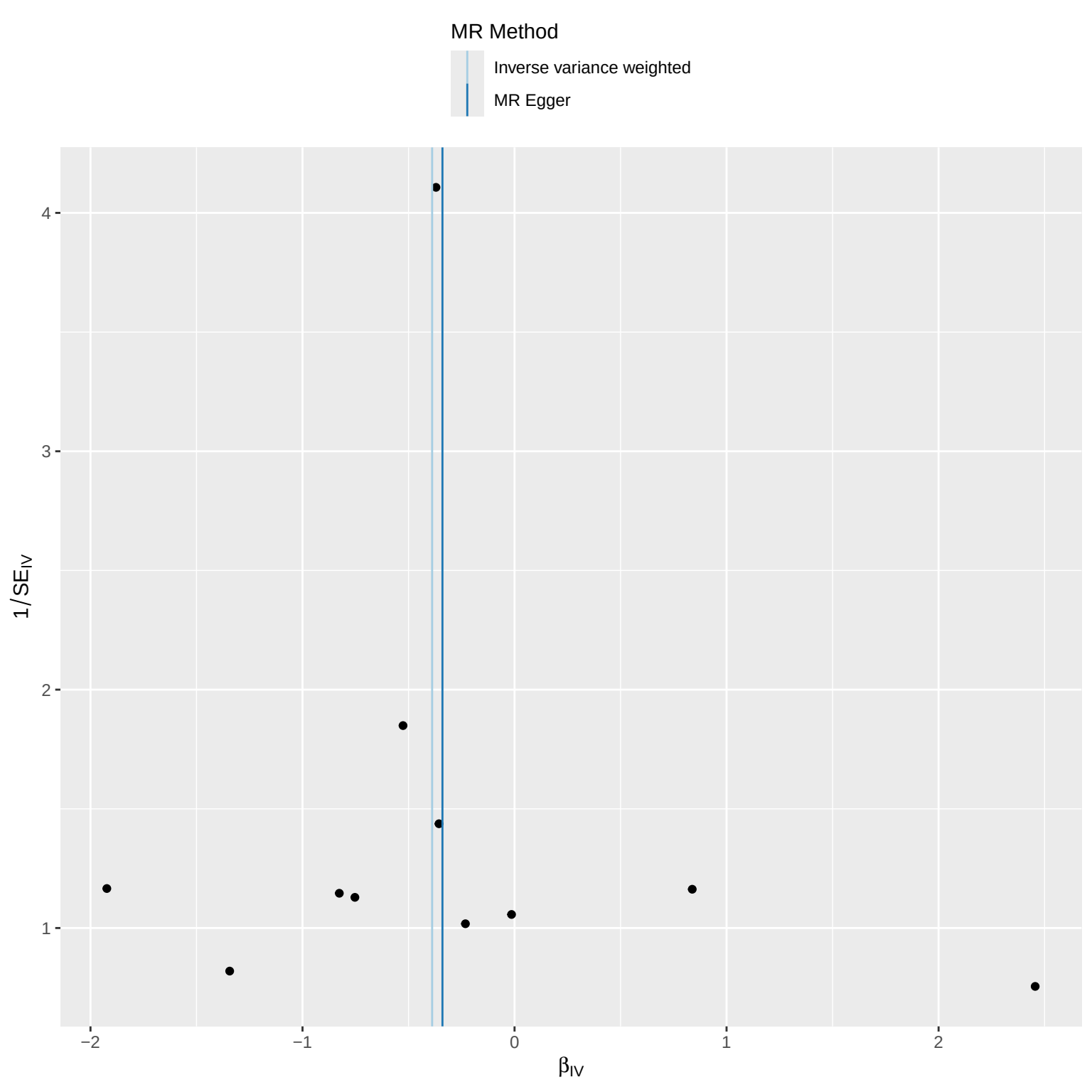

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

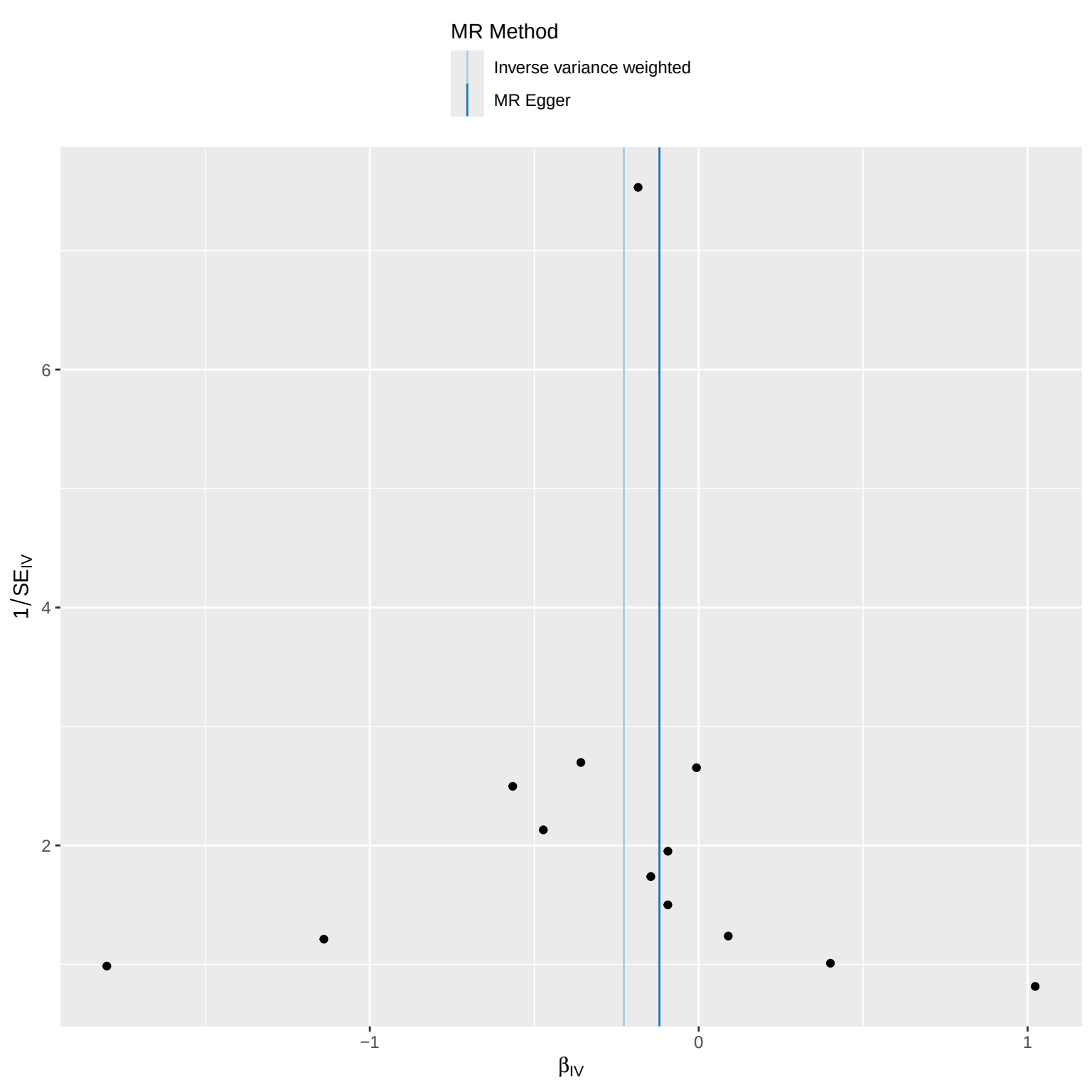

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

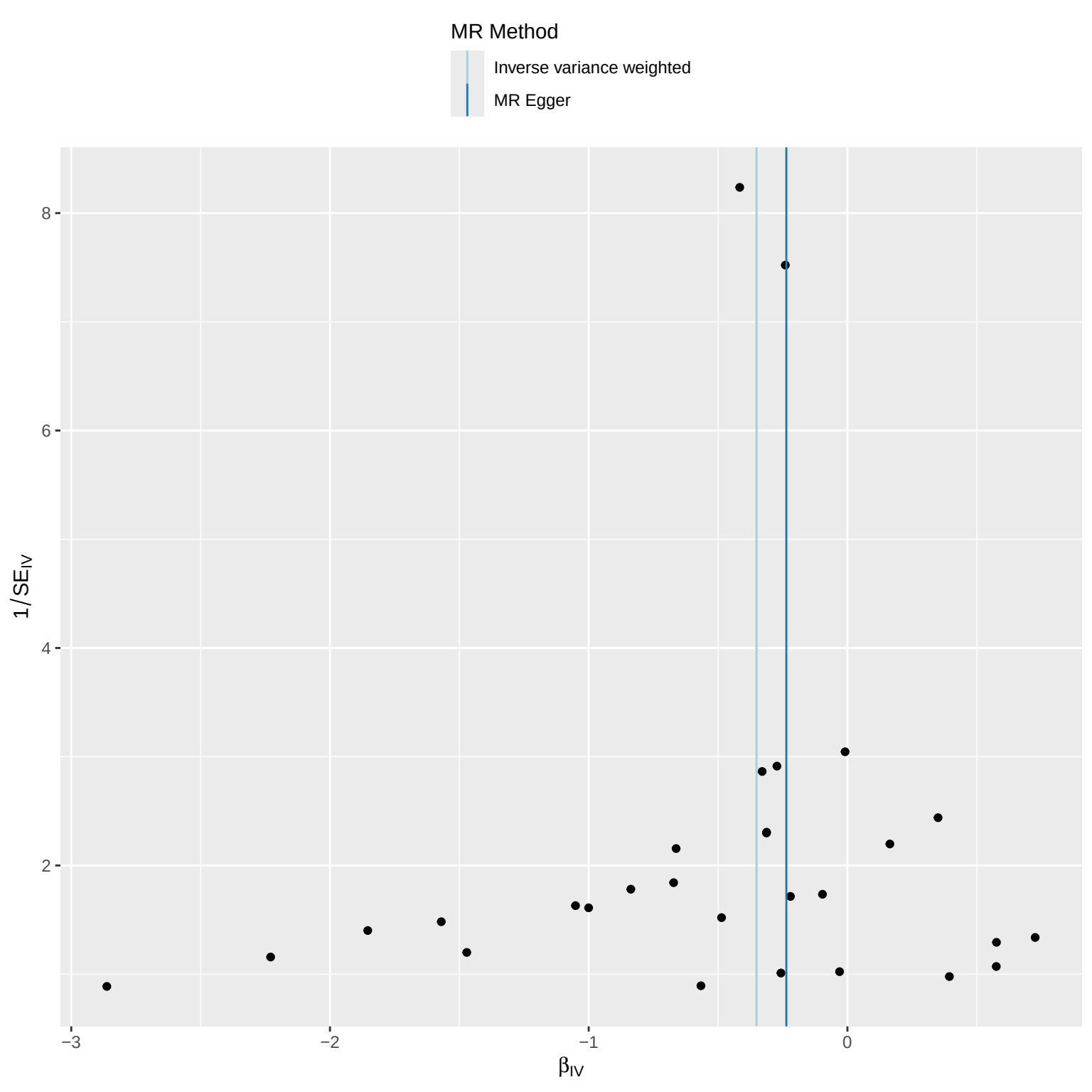

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

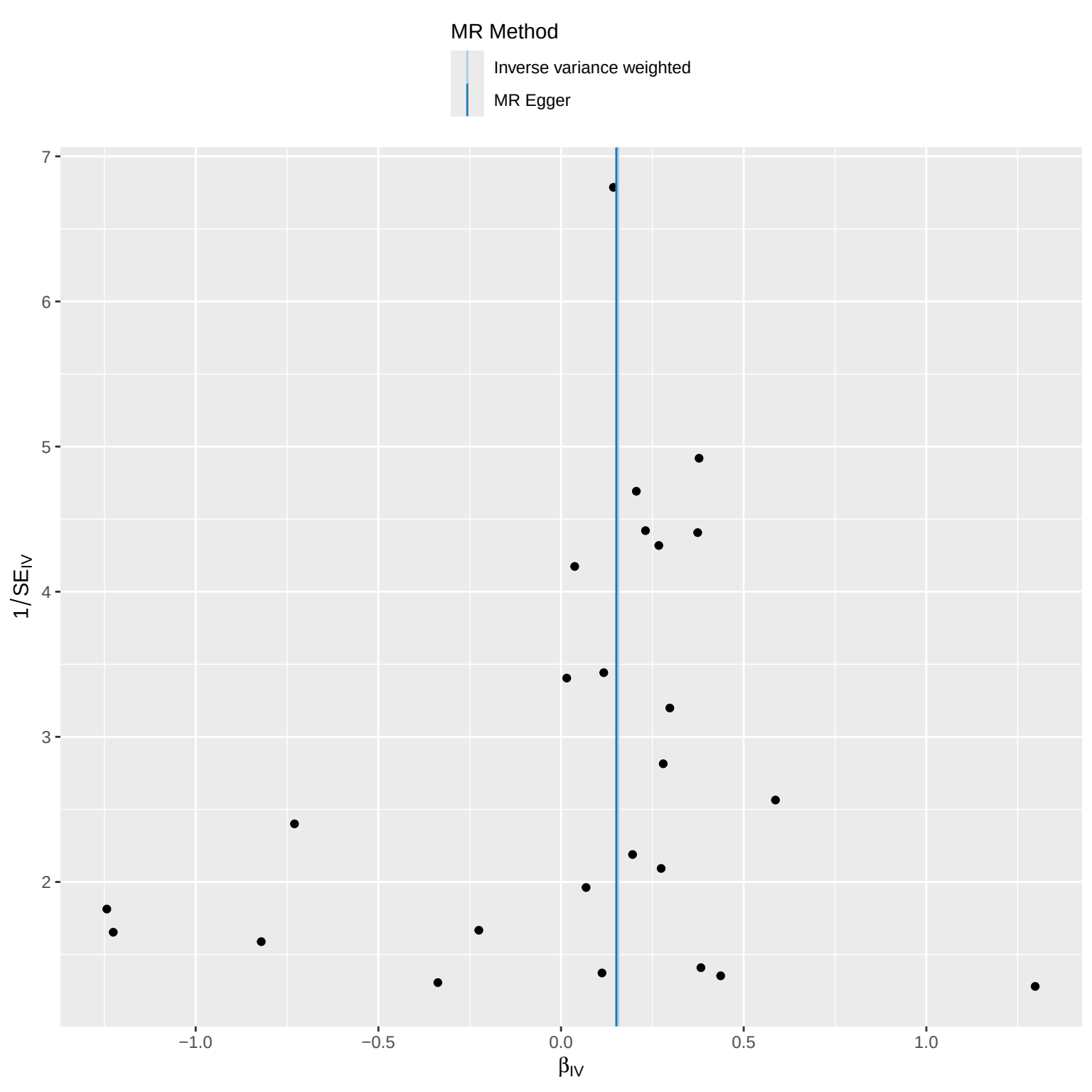

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

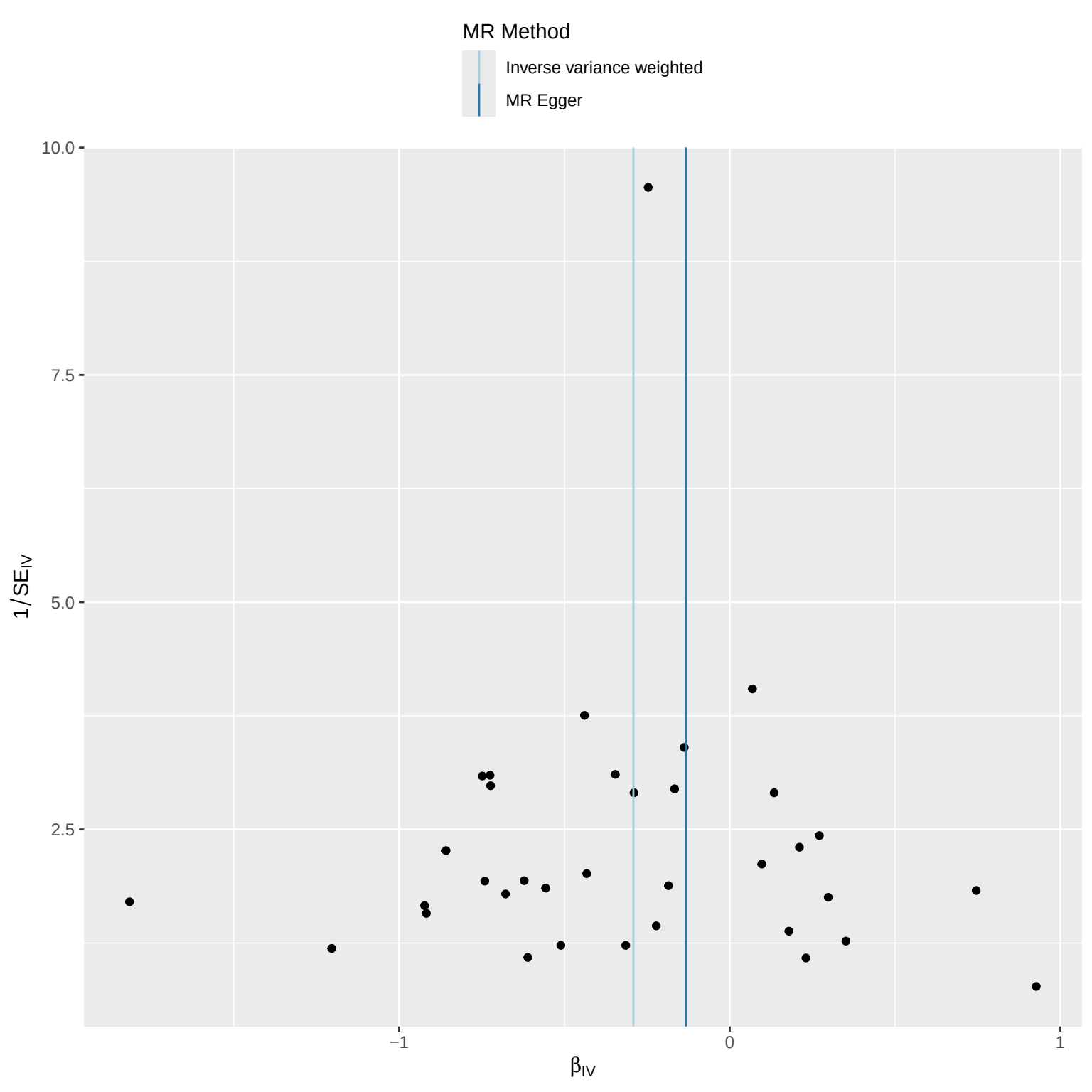

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
3
β_IV

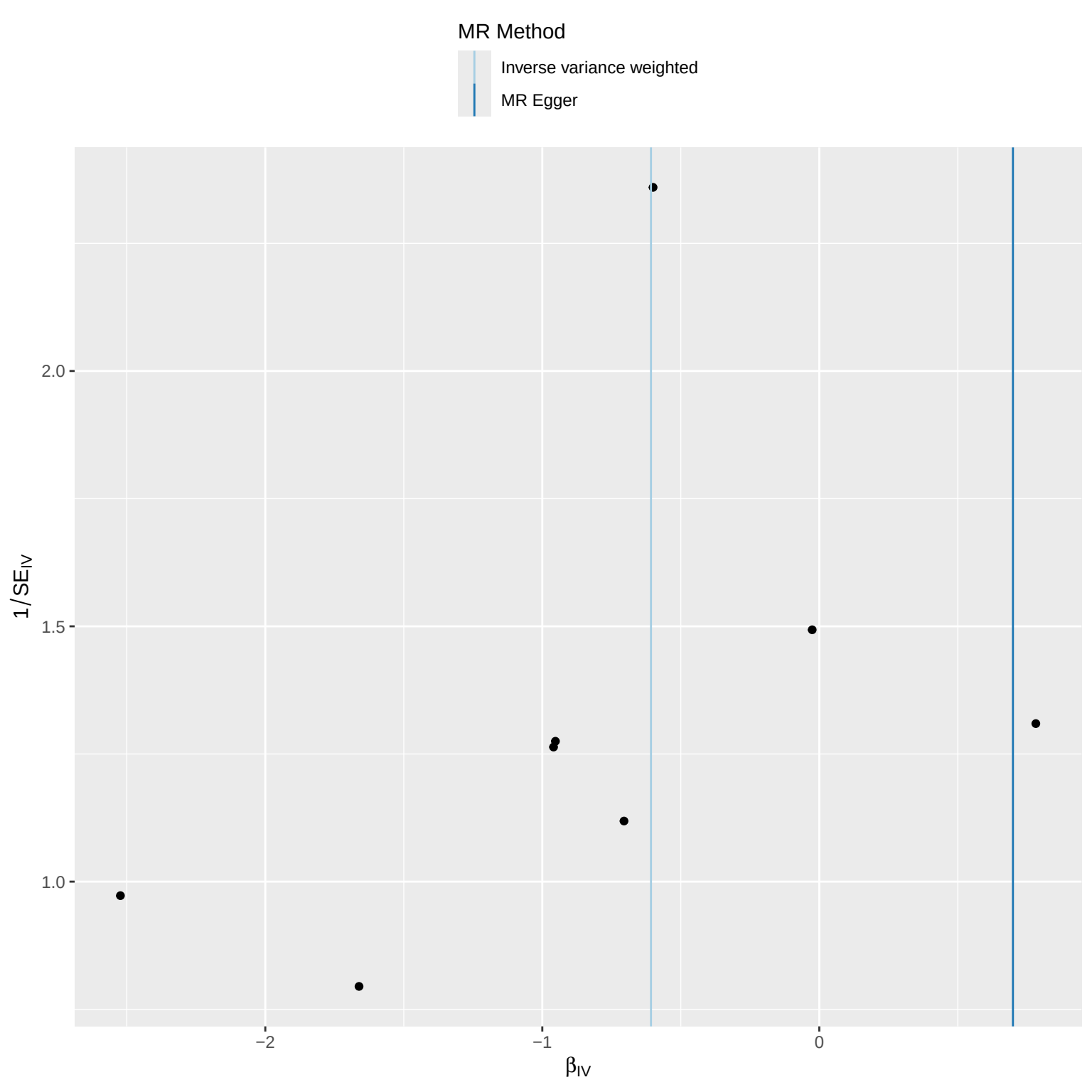

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

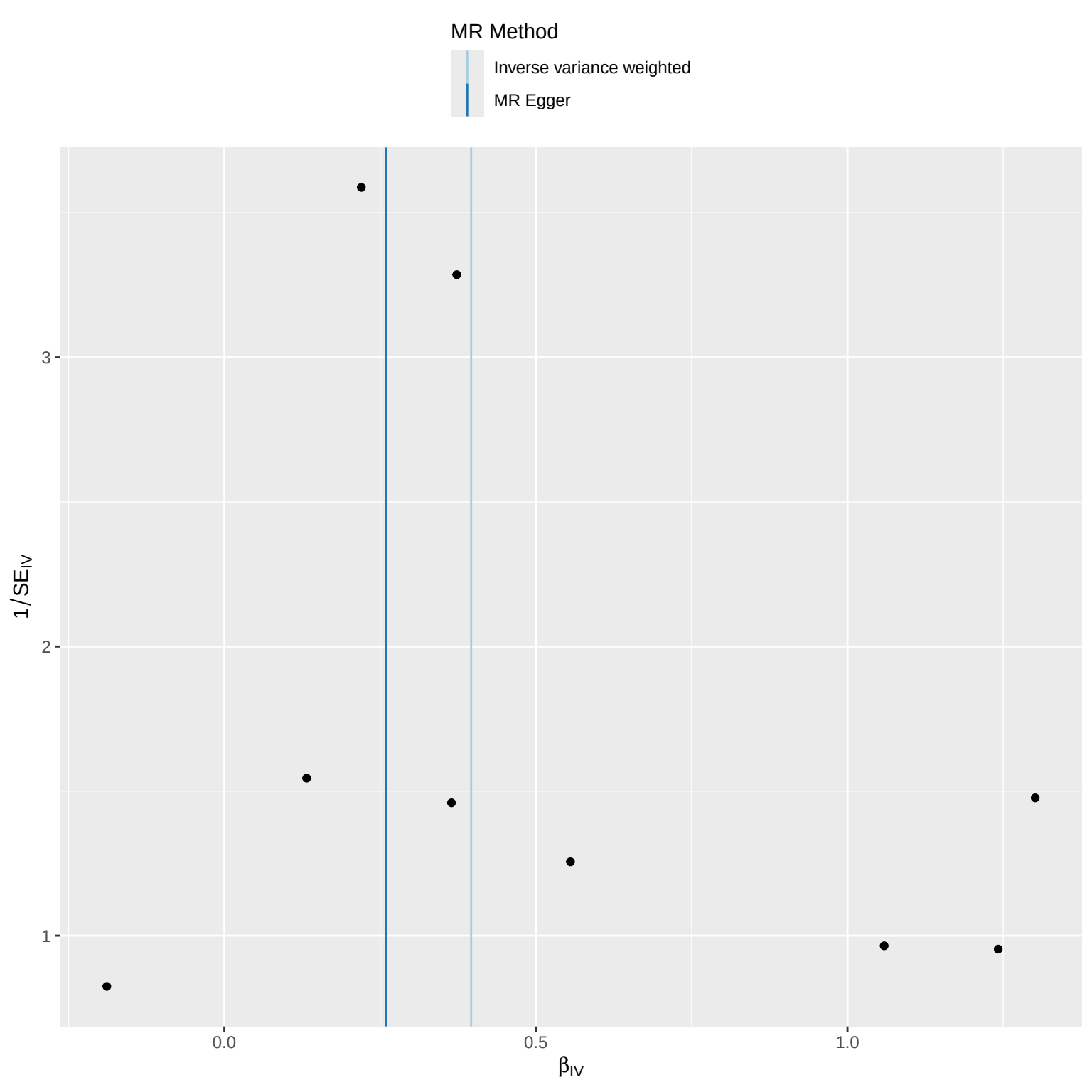

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

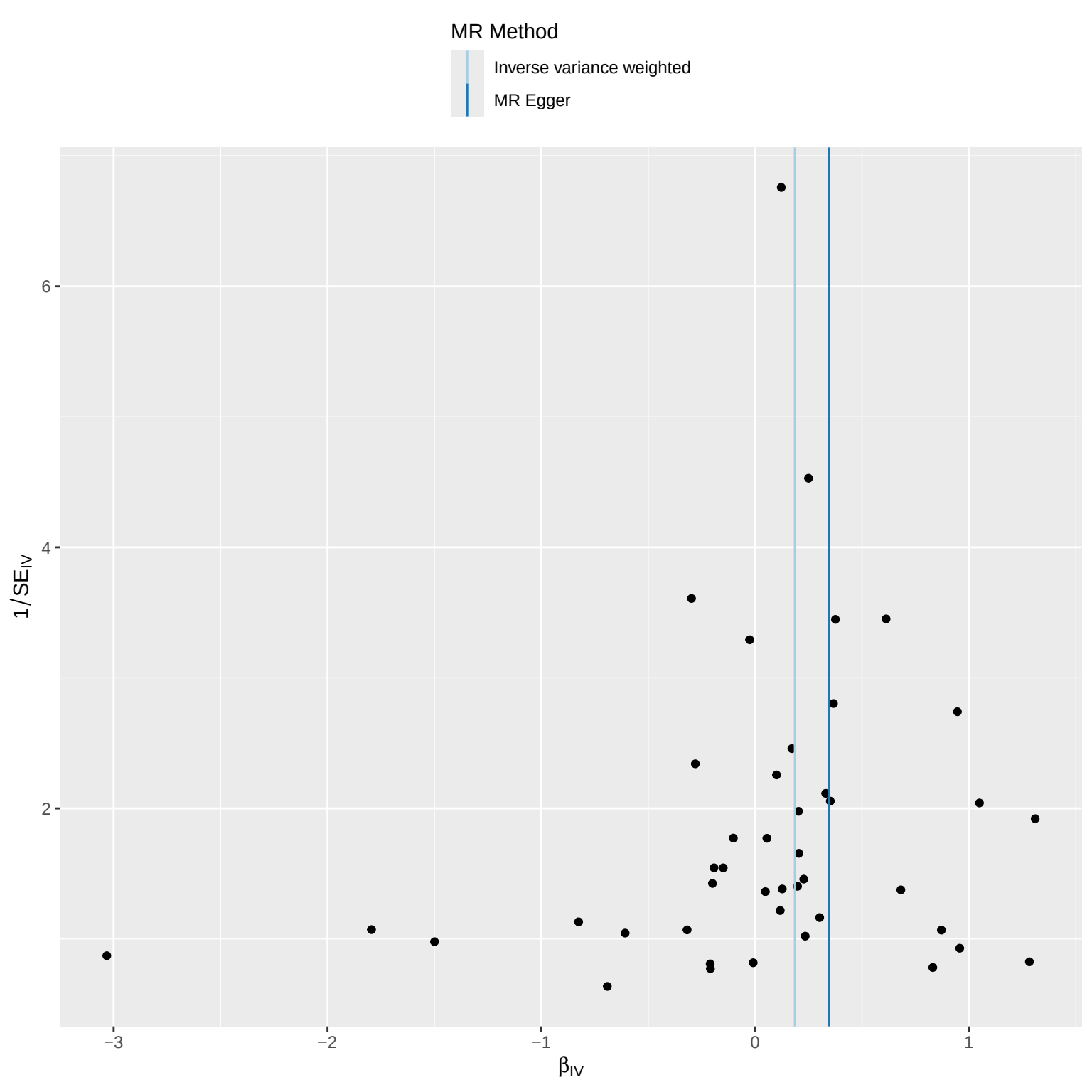

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−3
−2
−1
0
β_IV

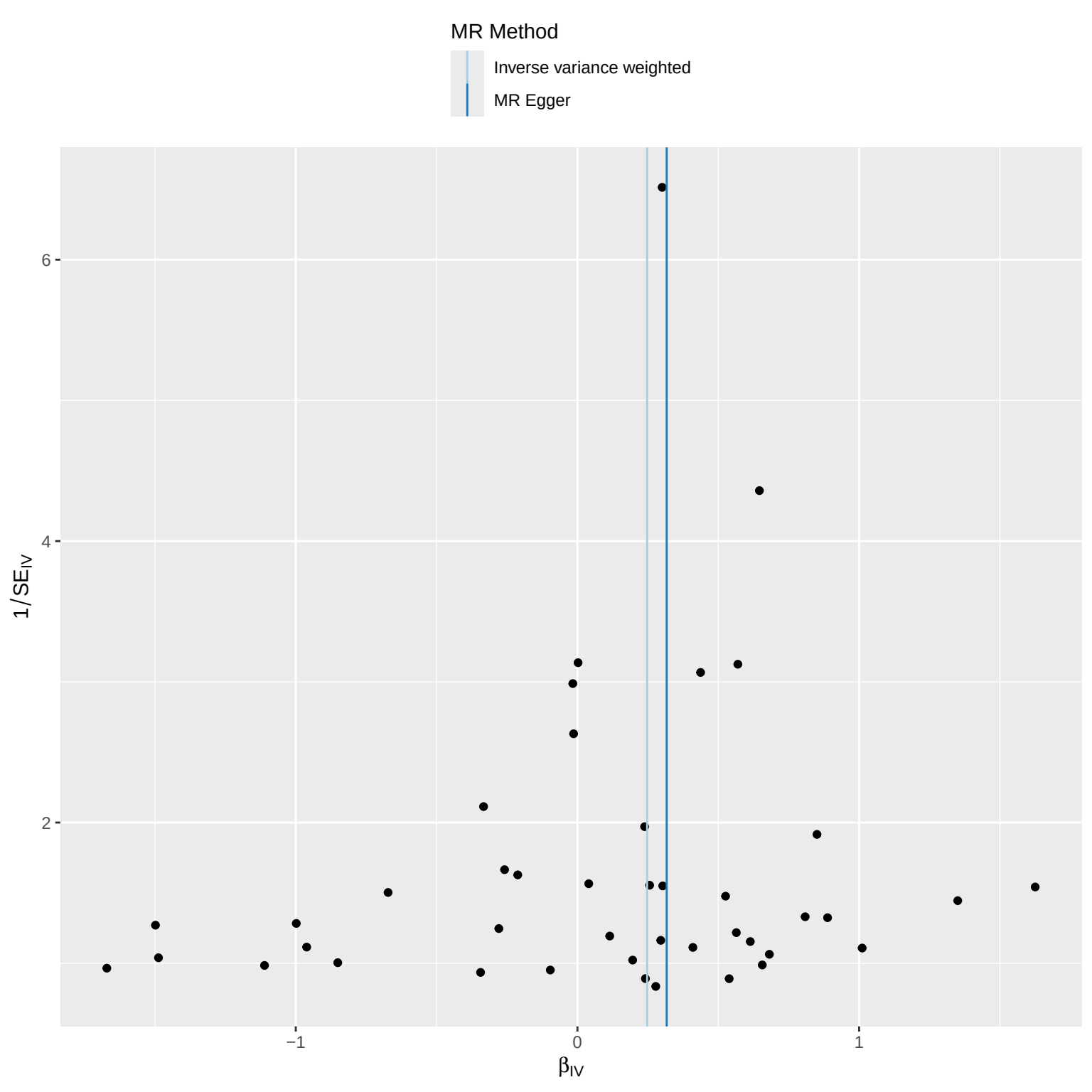

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

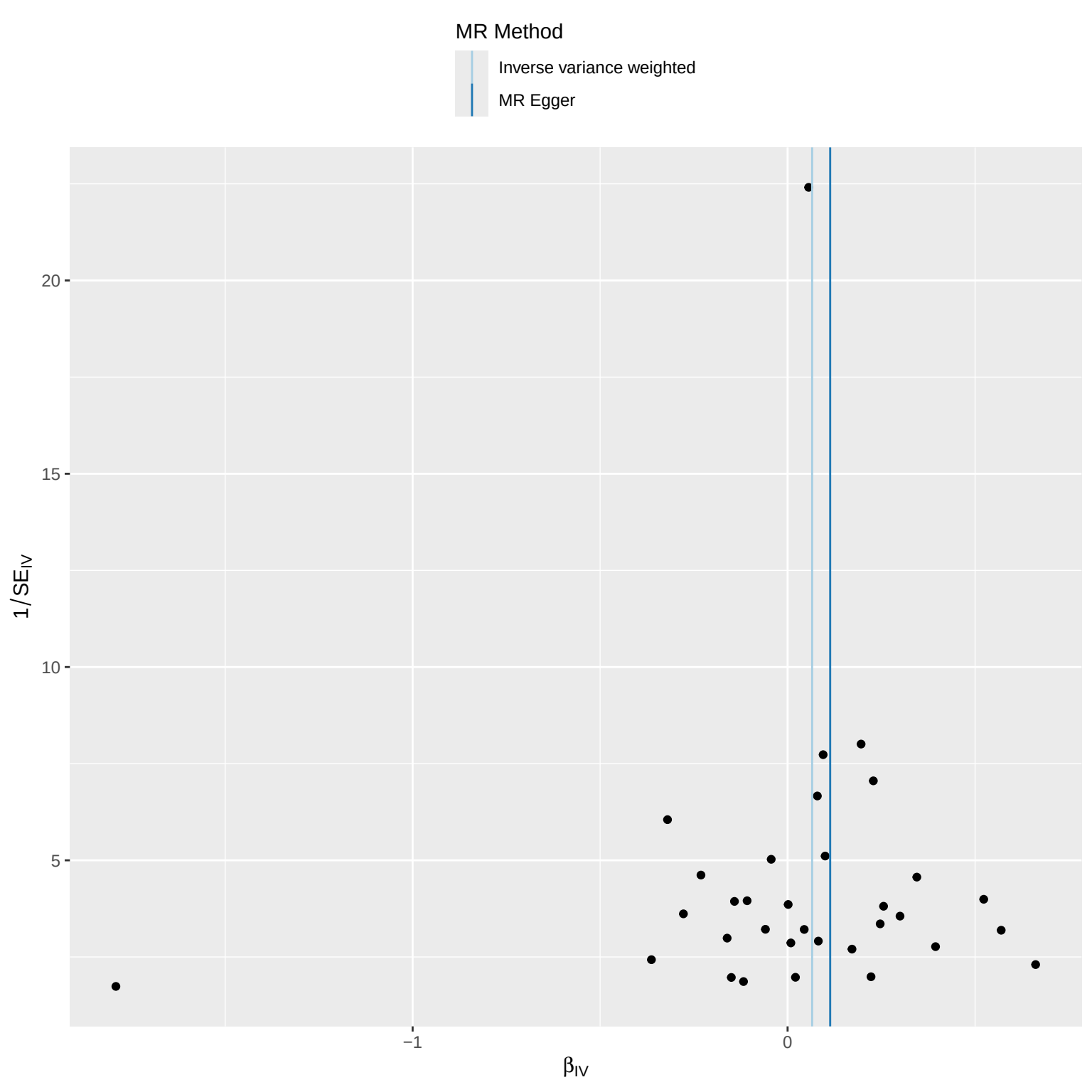

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

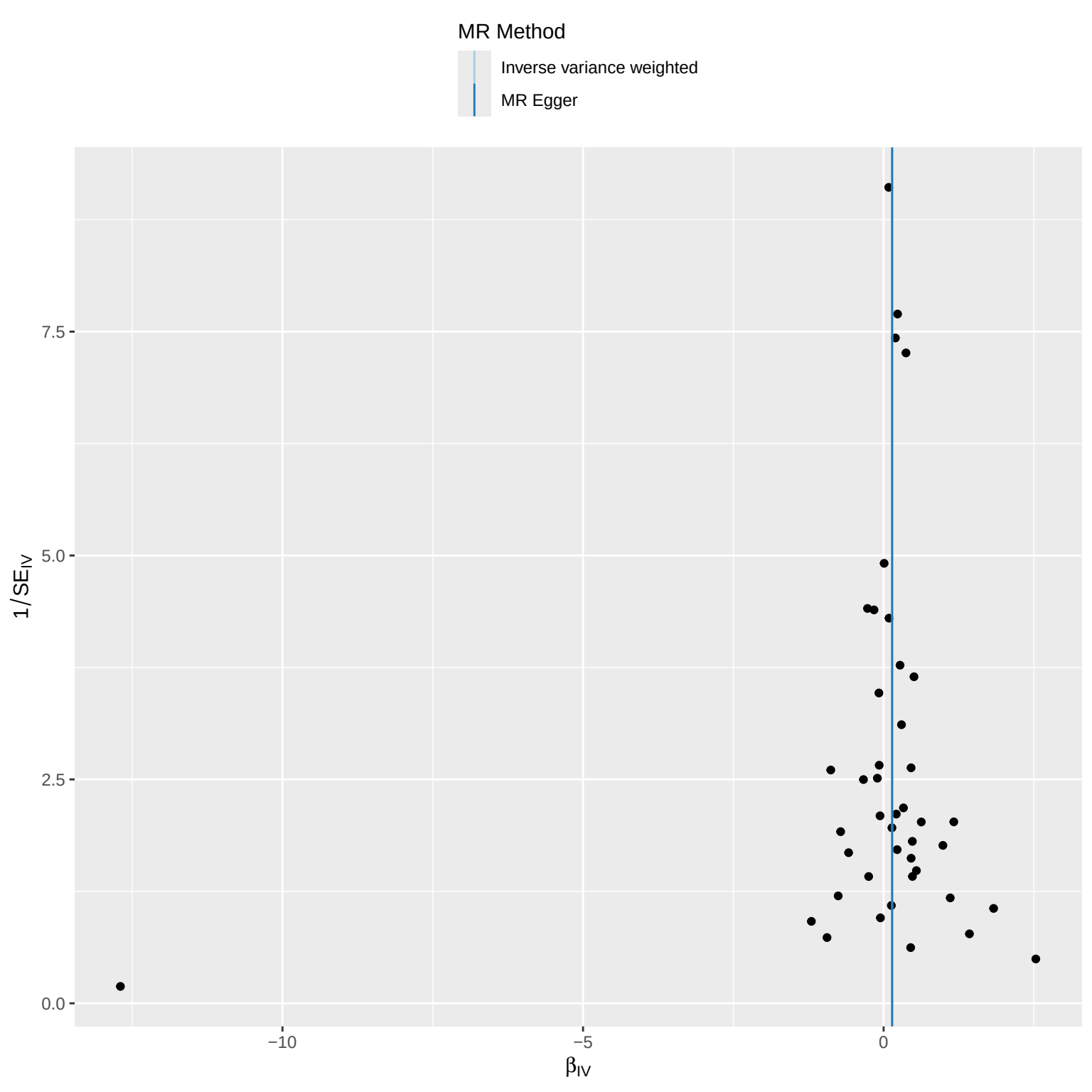

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

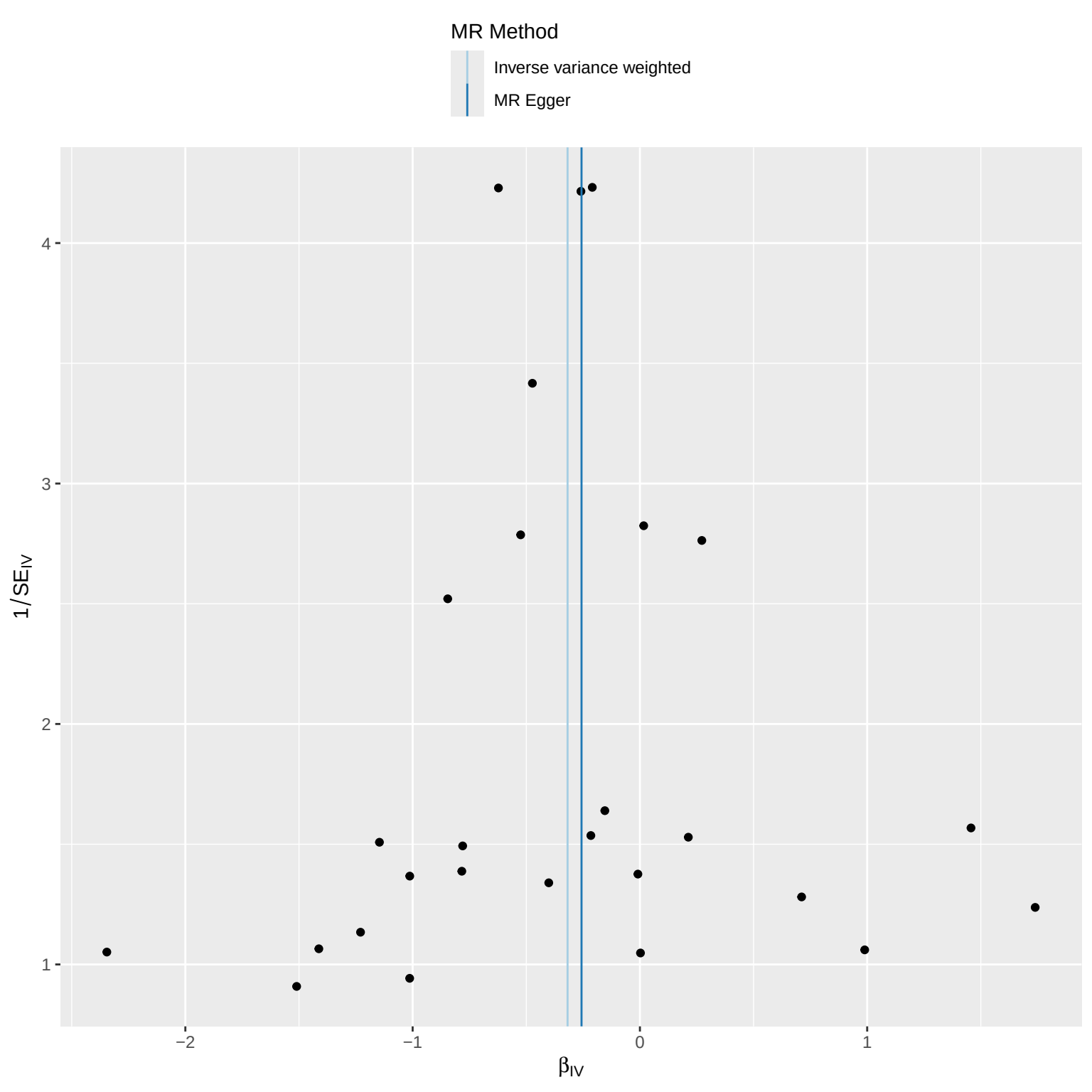

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

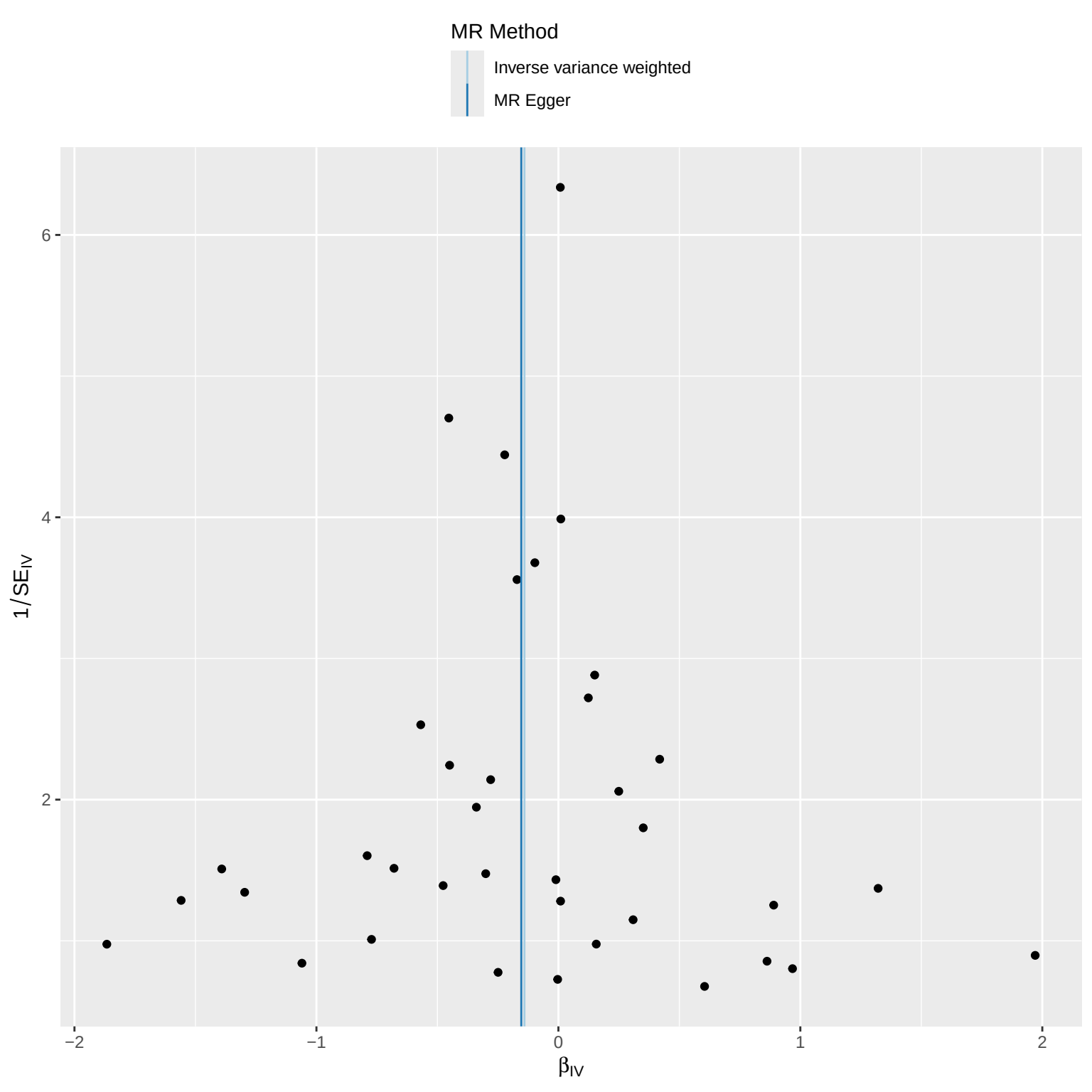

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

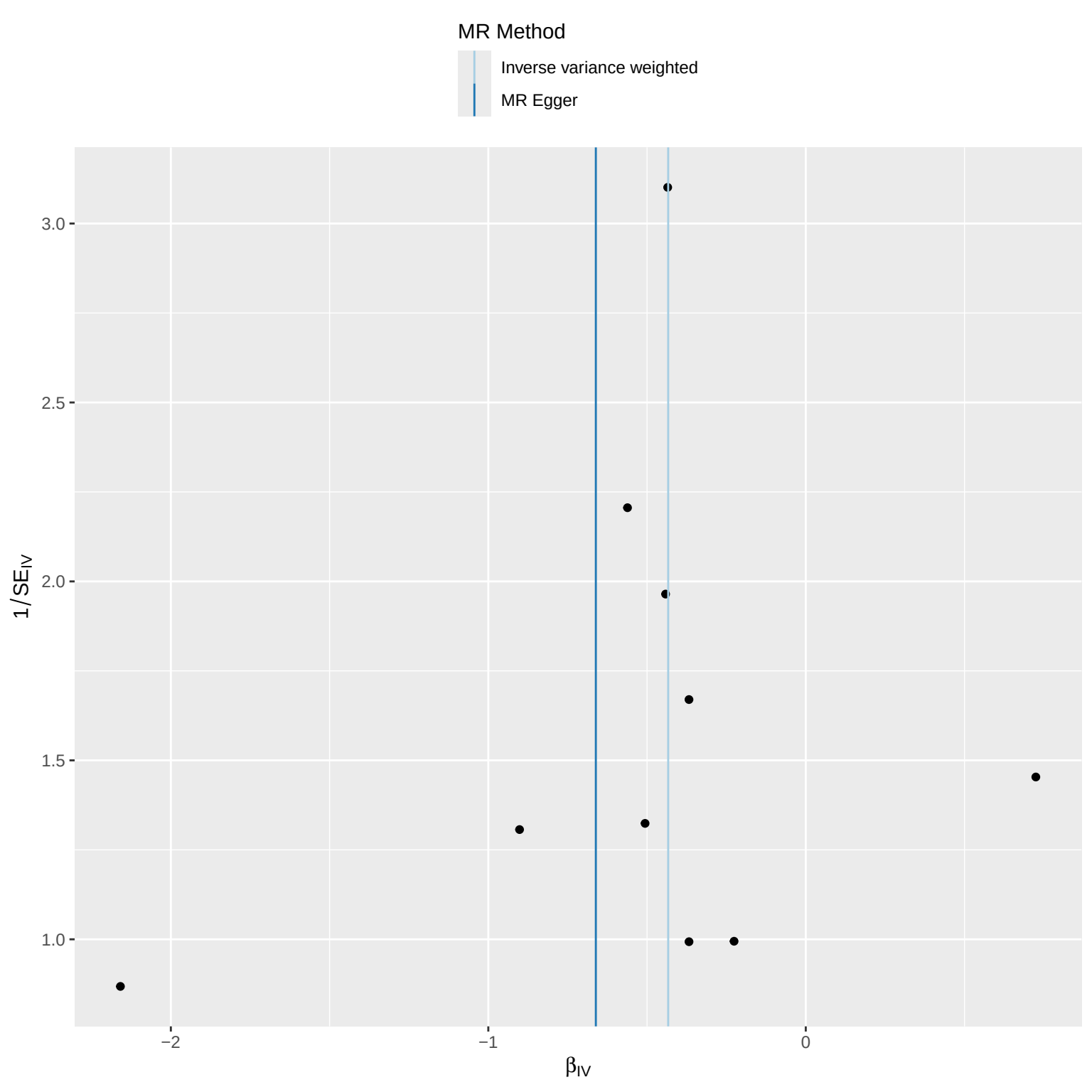

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

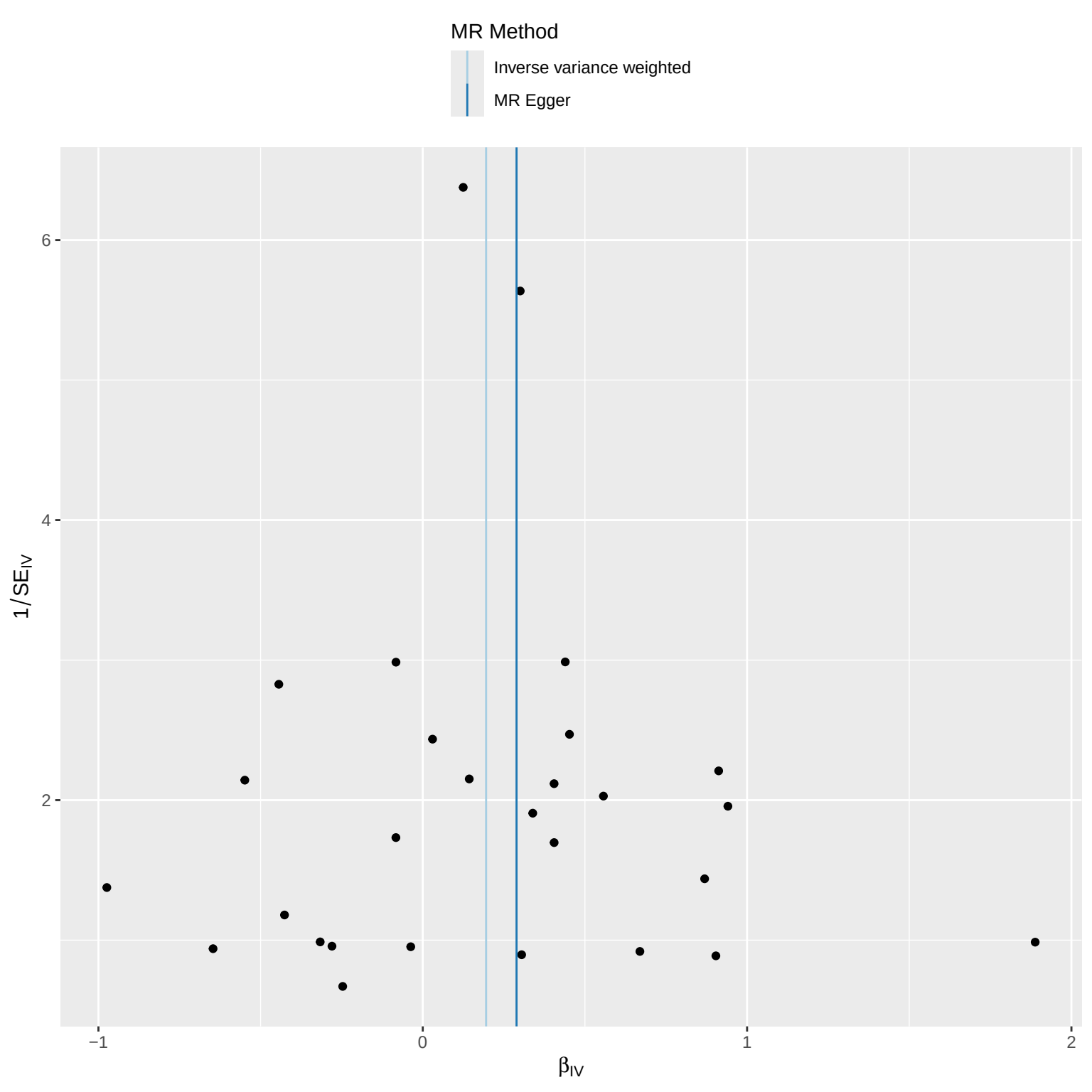

MR Method
Inverse variance weighted
MR Egger
20
15
10
5
1/SE_IV
−1
0
β_IV

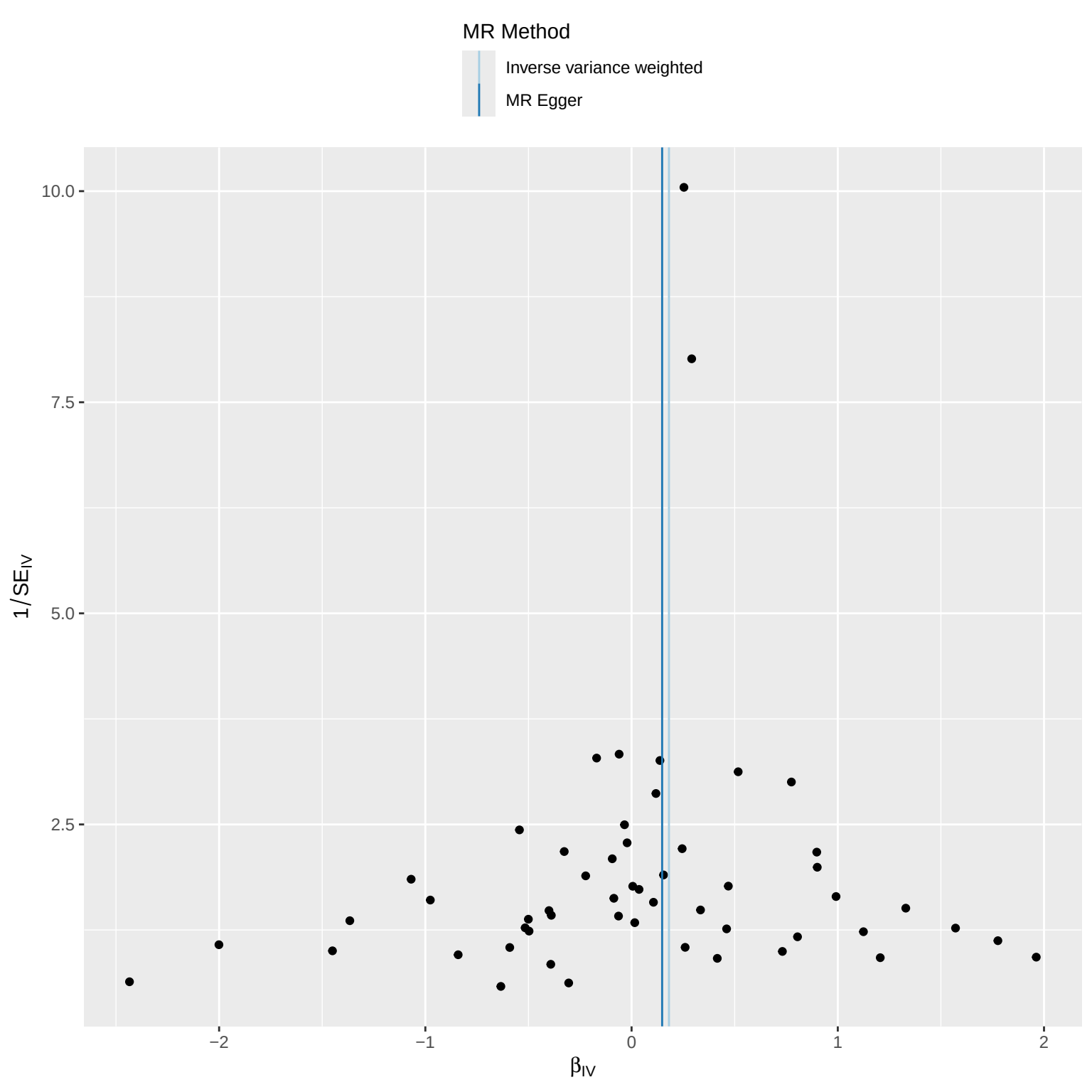

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−10
−5
0
β_IV

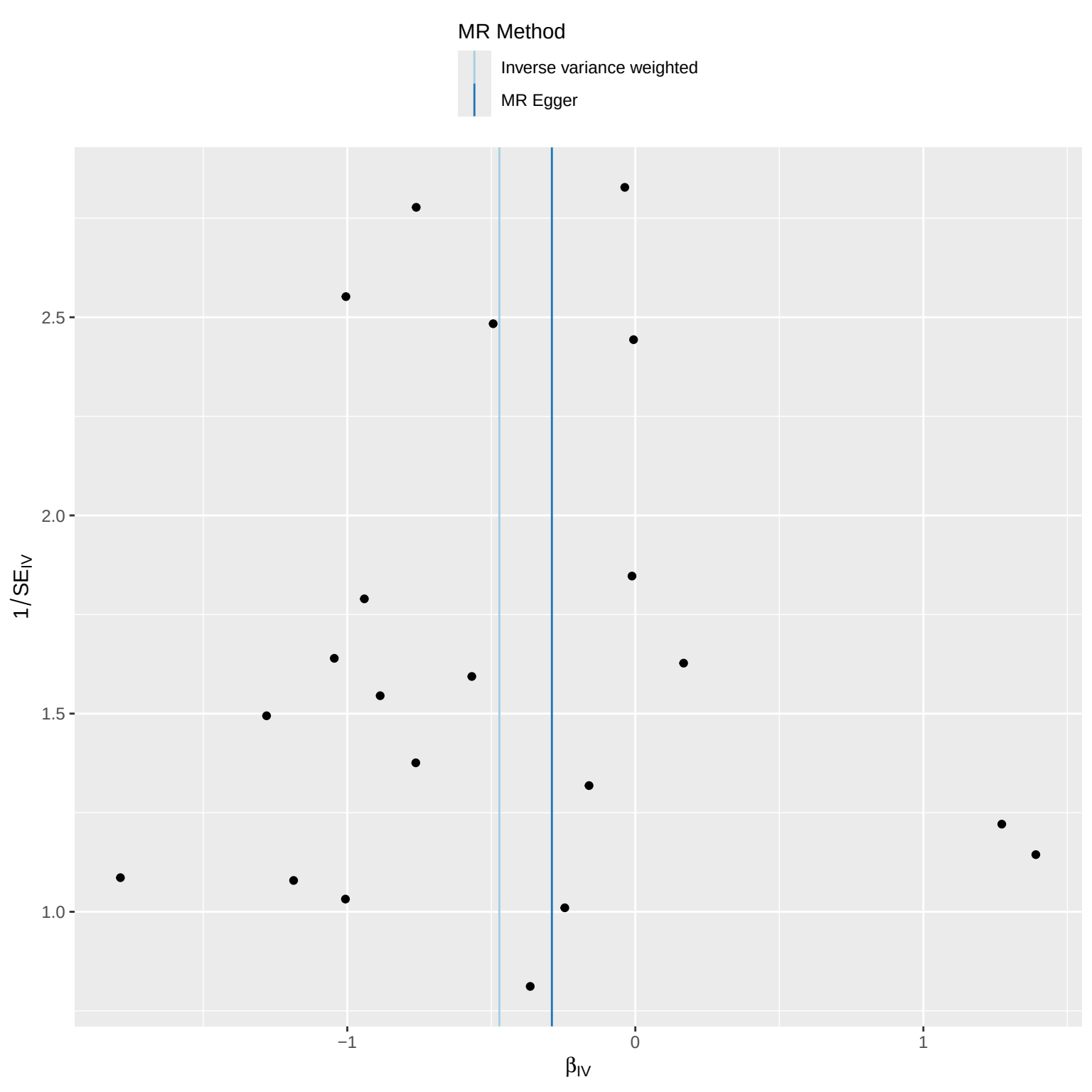

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

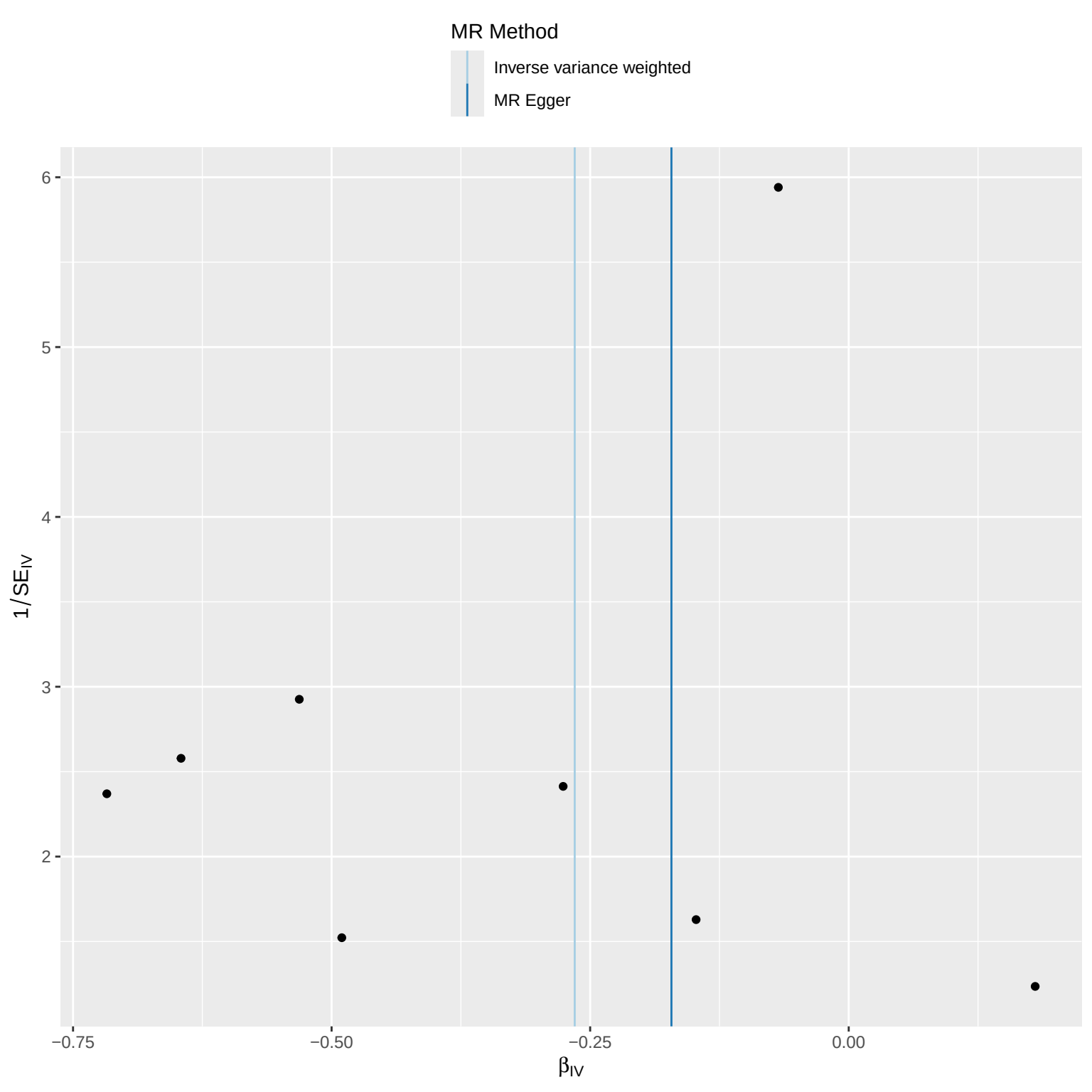

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

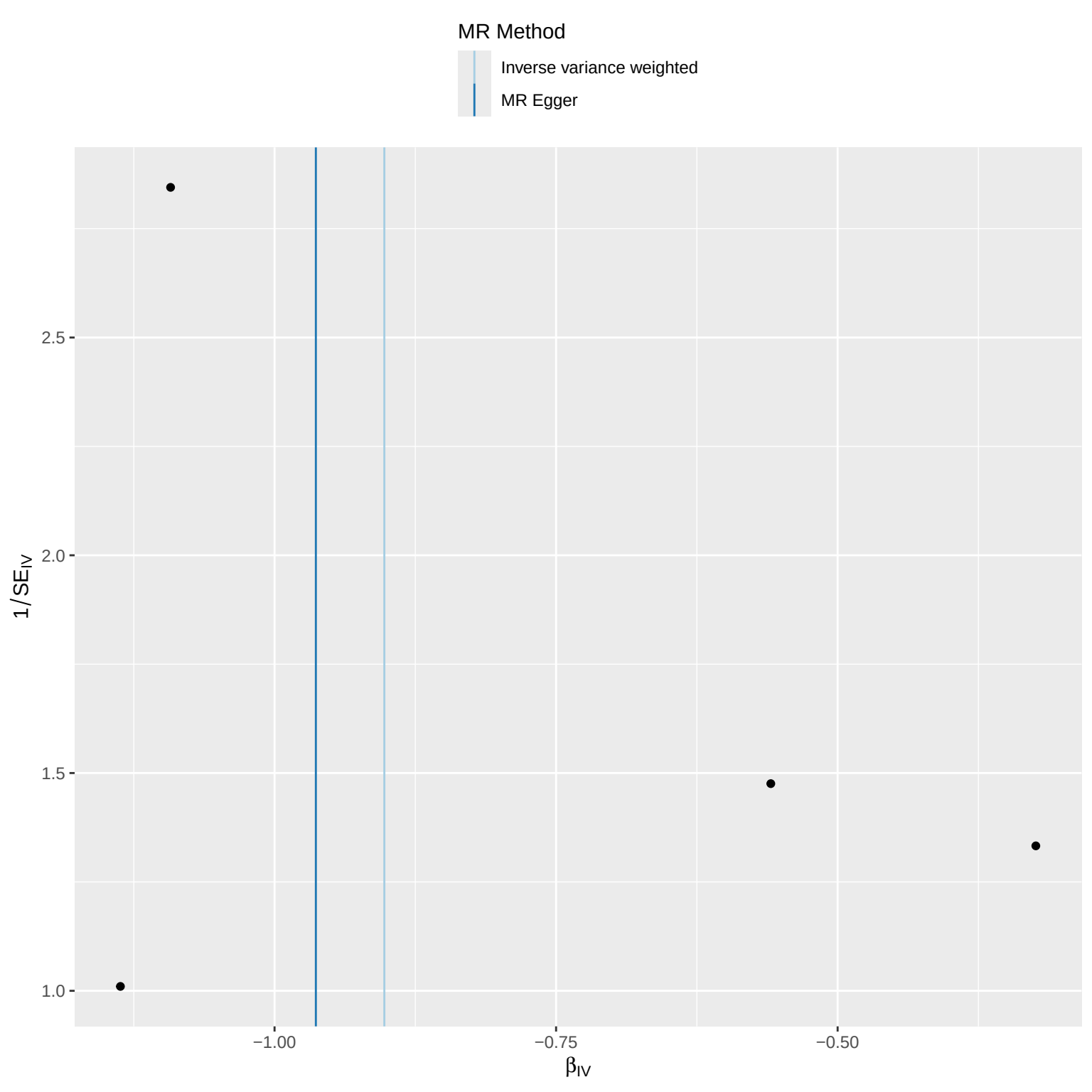

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

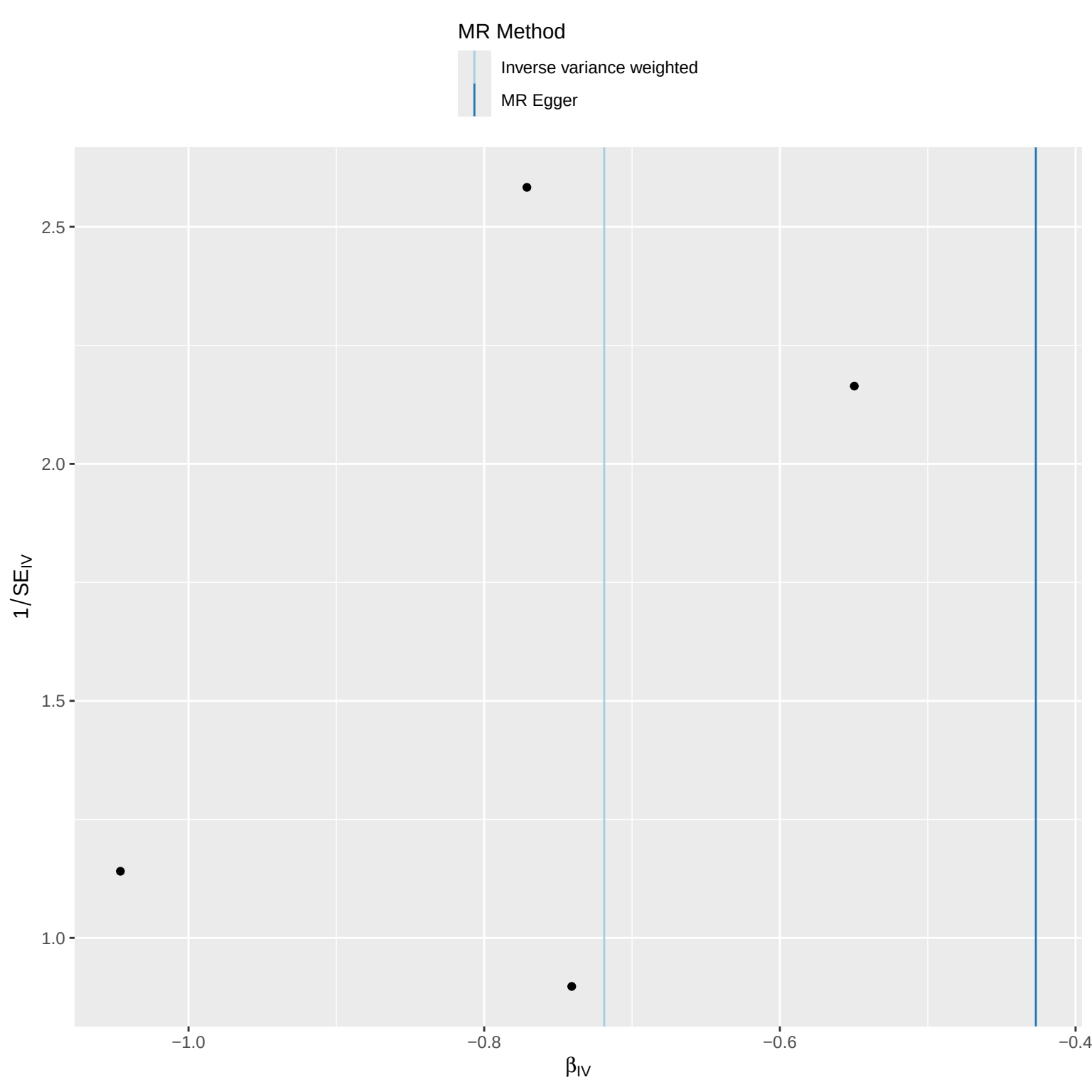

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

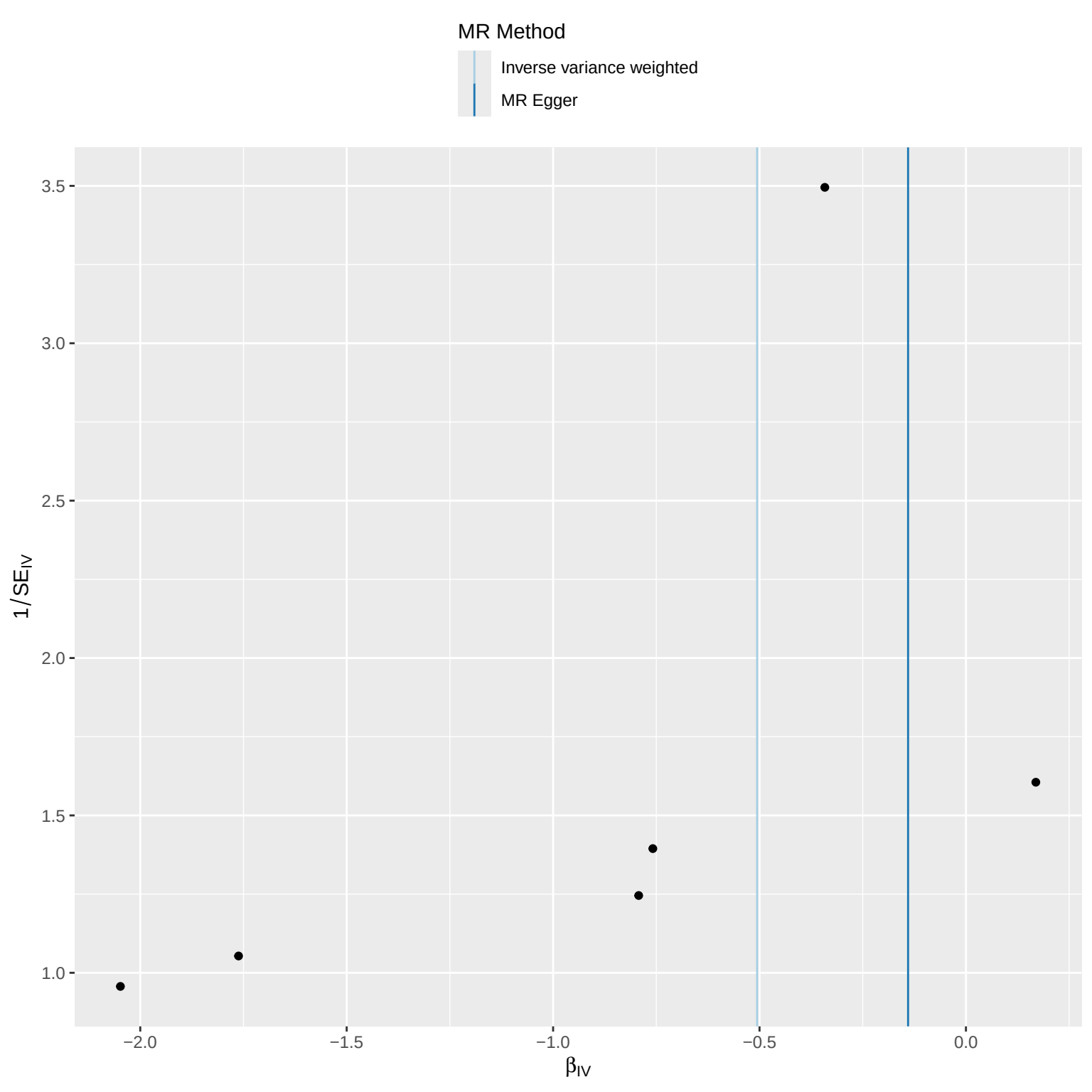

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

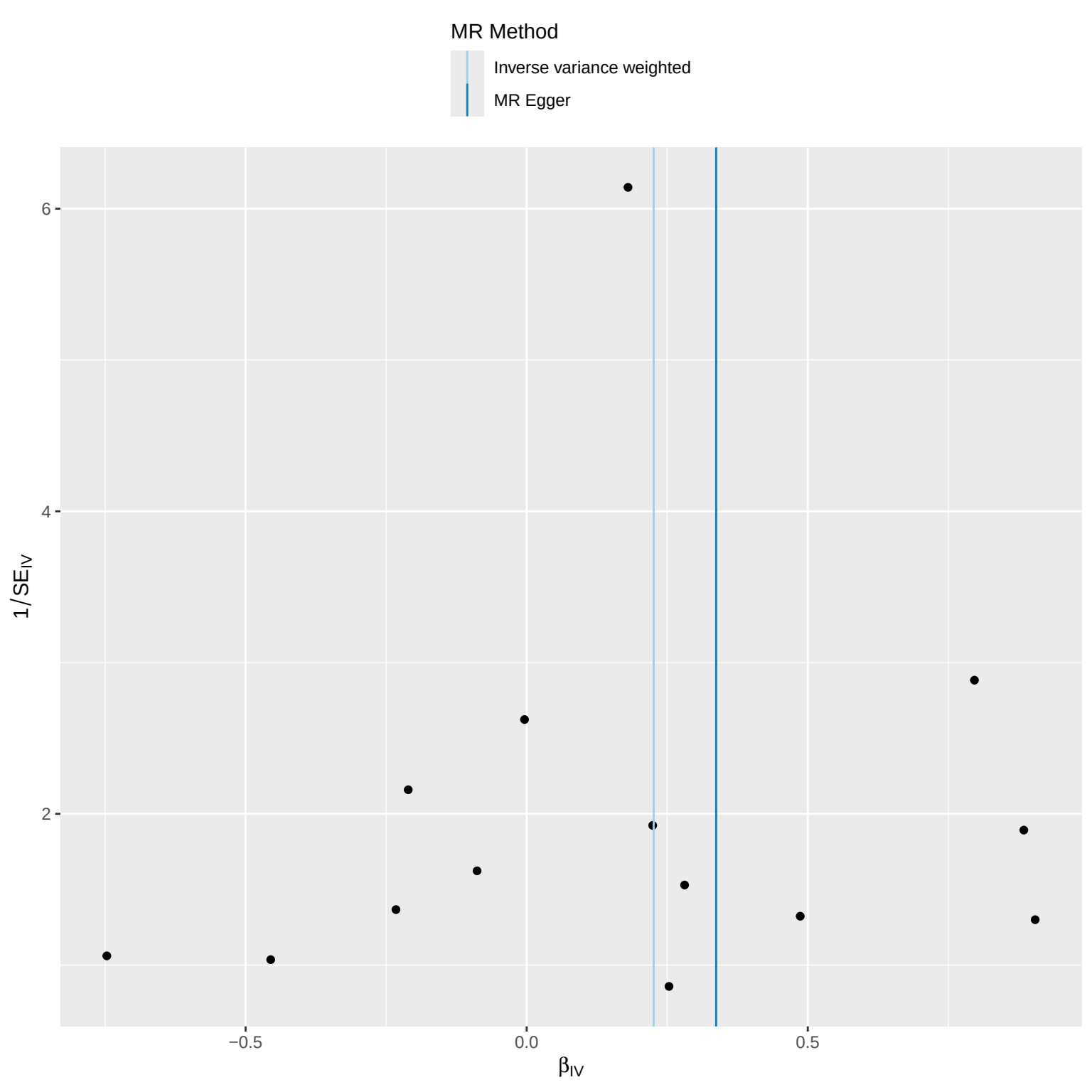

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

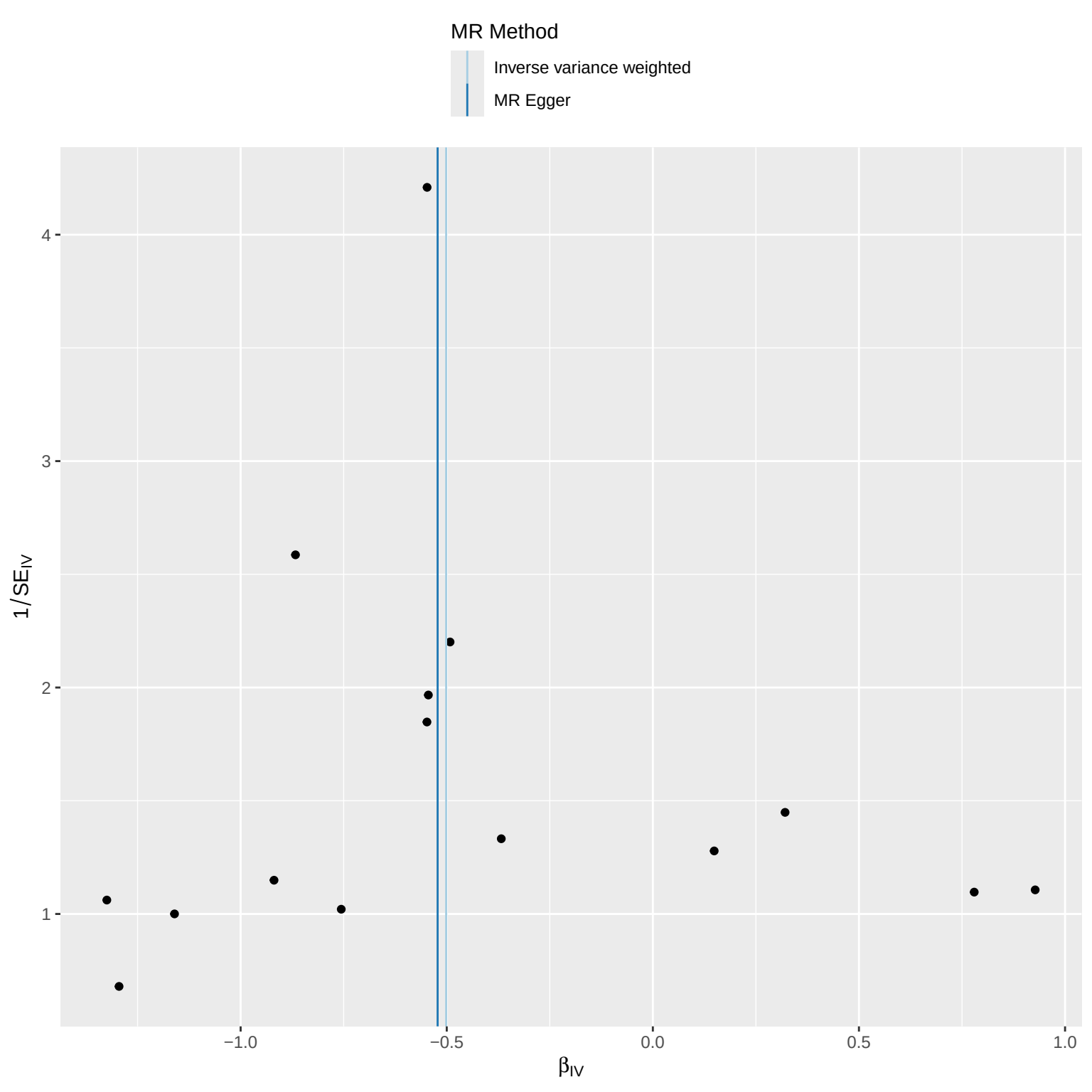

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

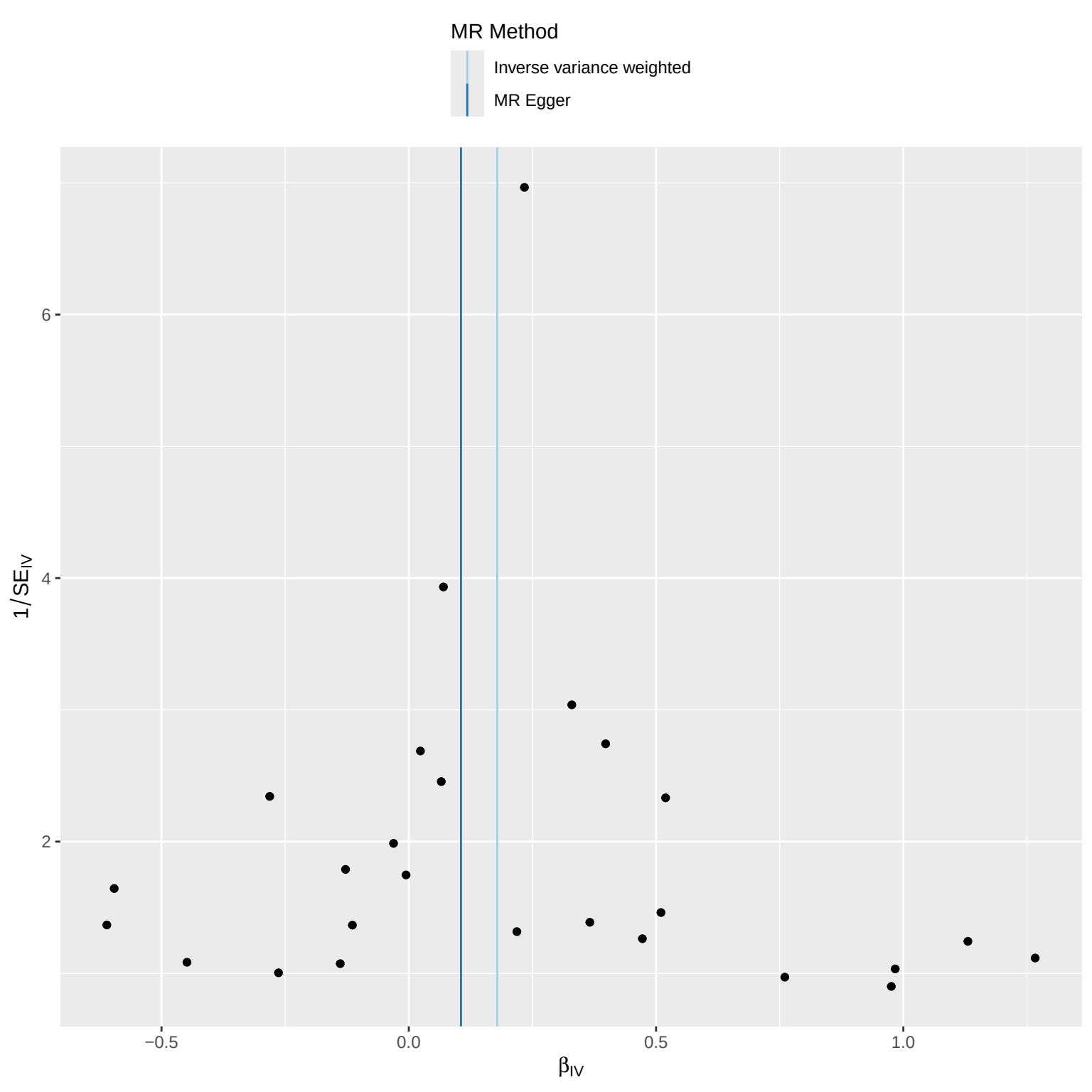

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.00
−0.75
−0.50
β_IV

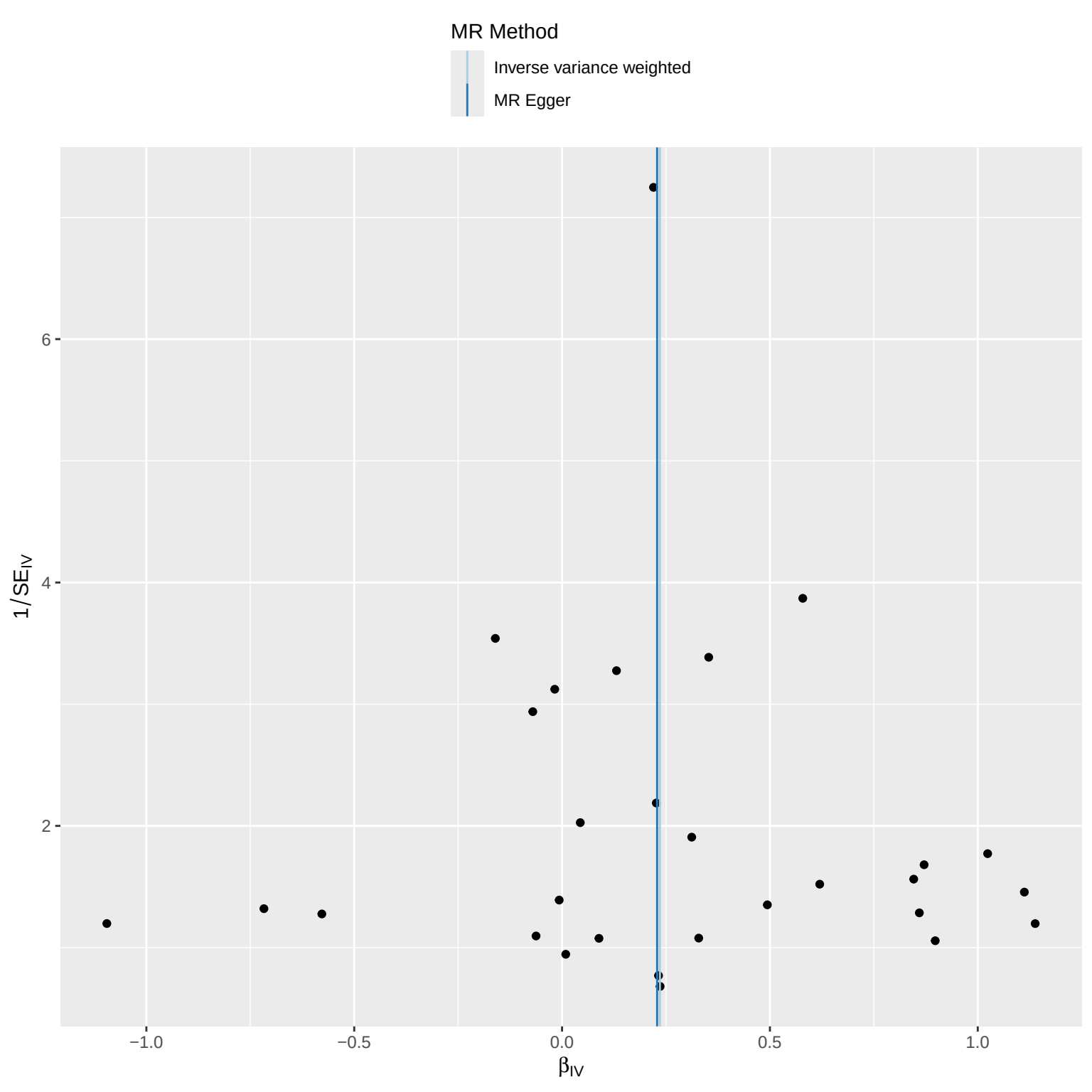

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.8
−0.6
−0.4
β_IV

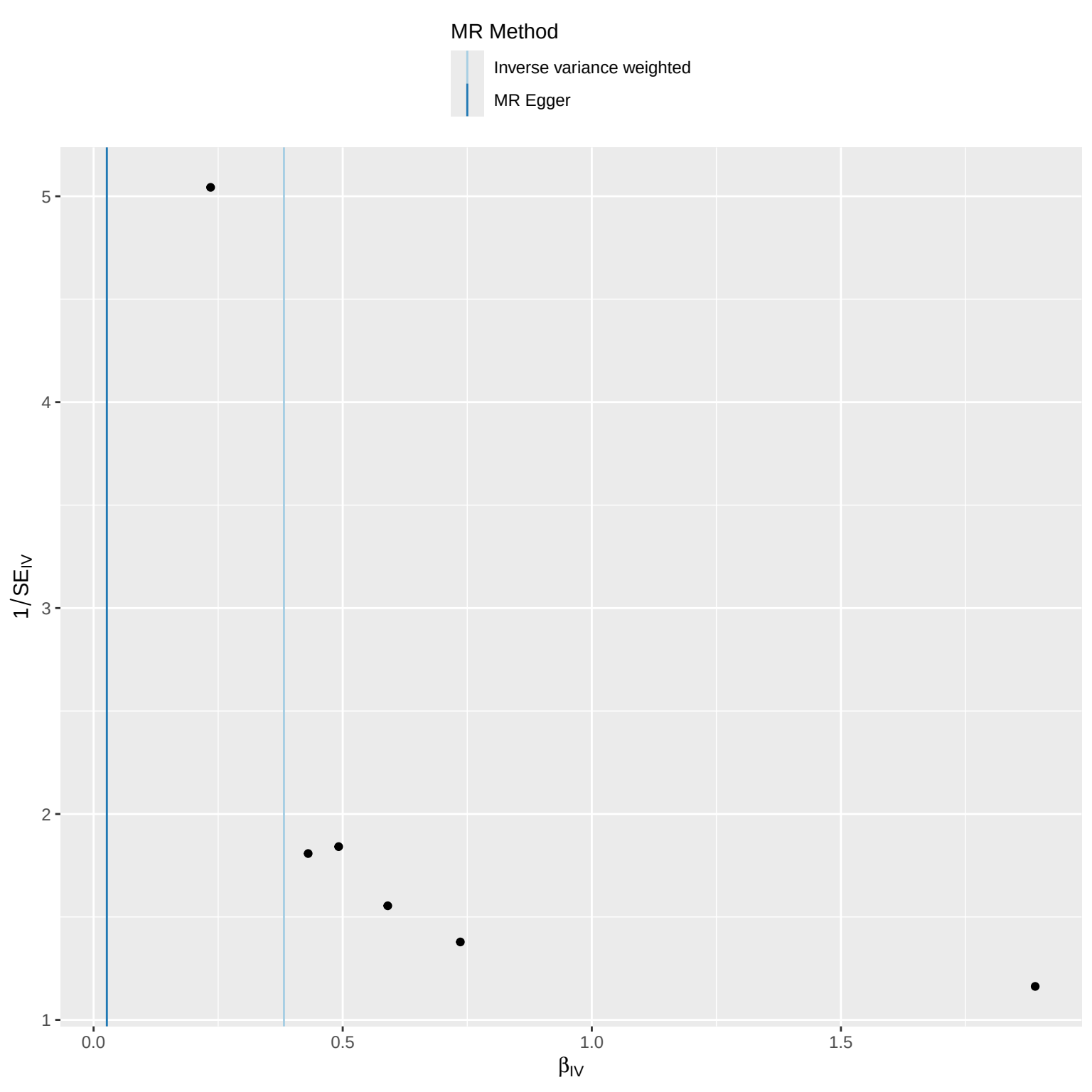

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

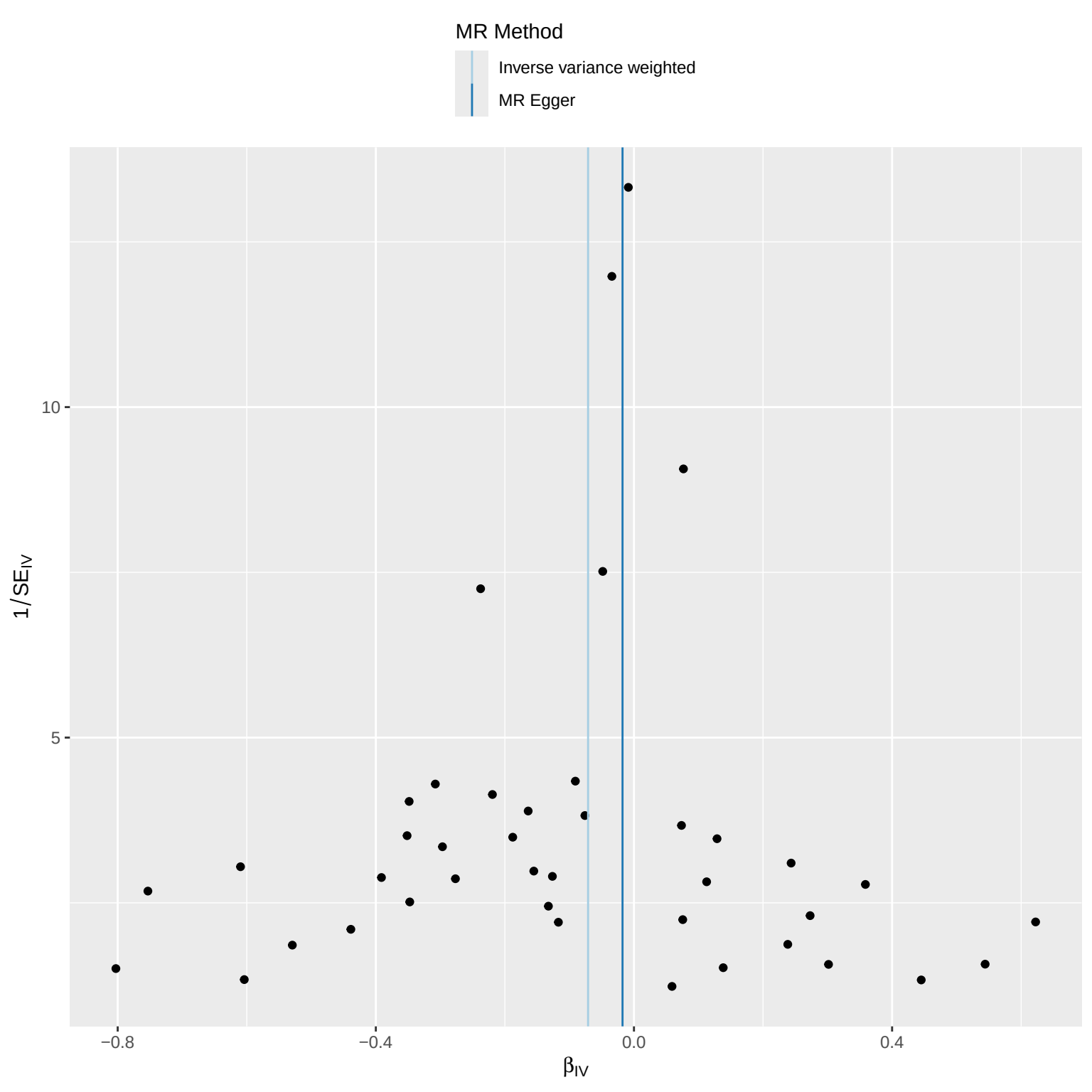

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

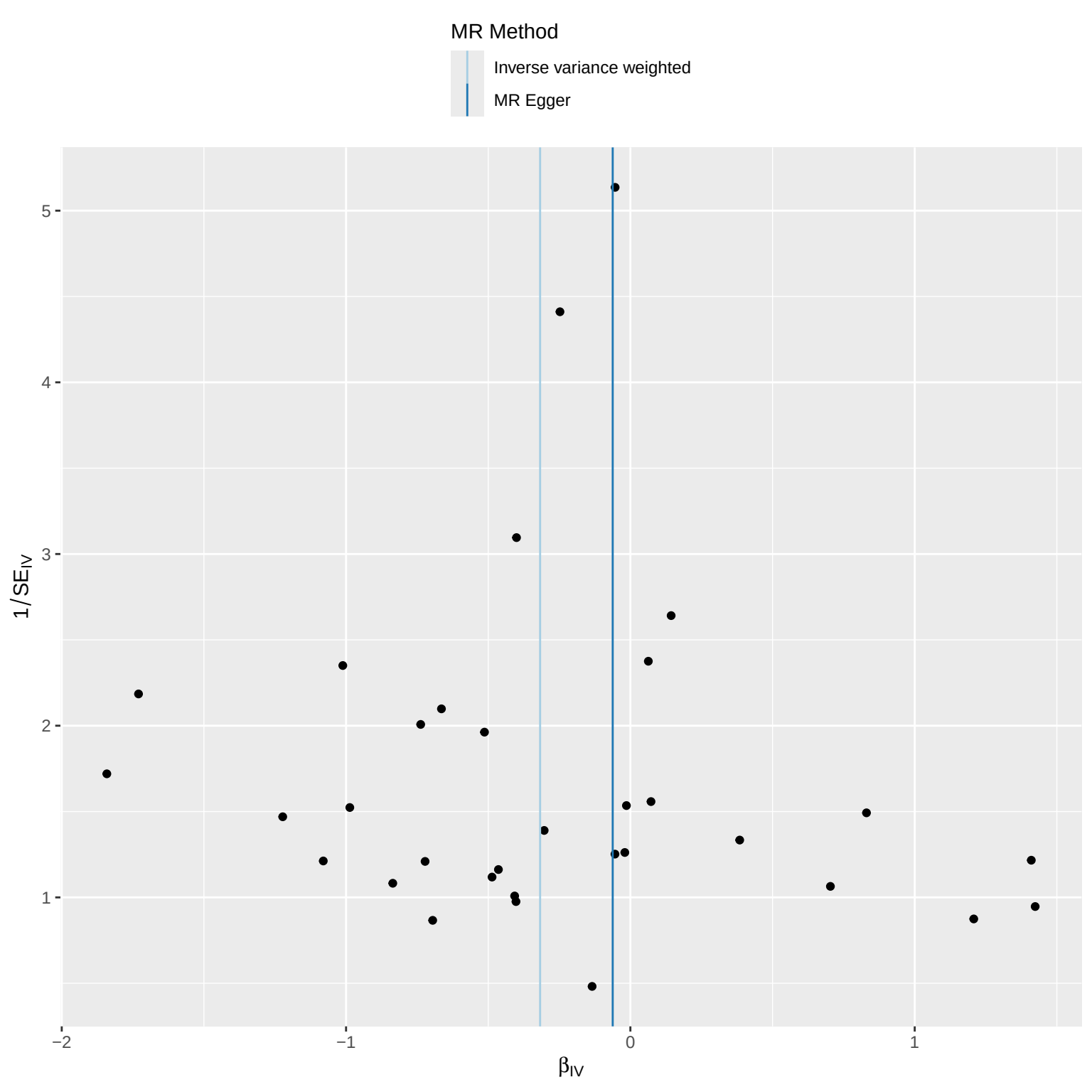

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

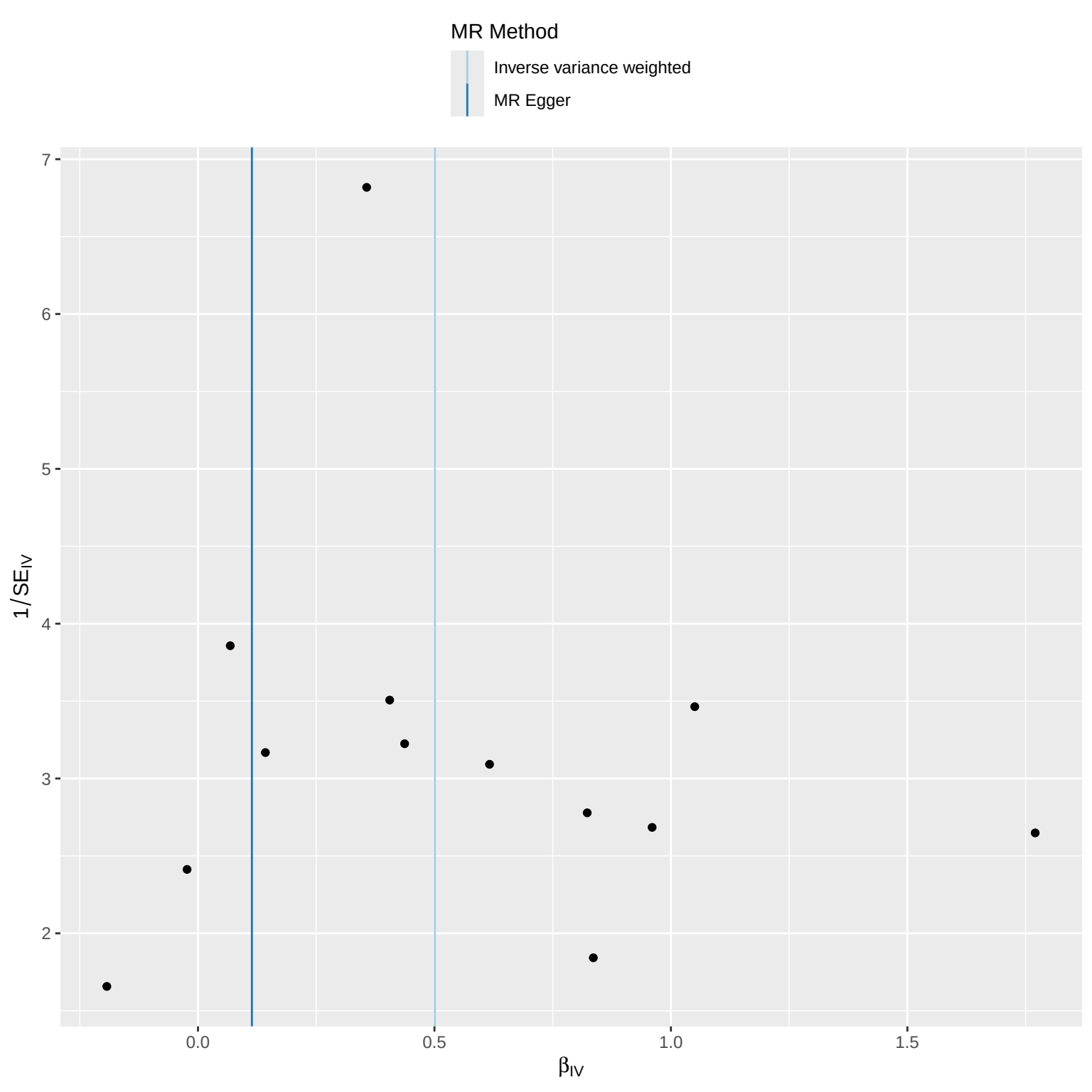

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

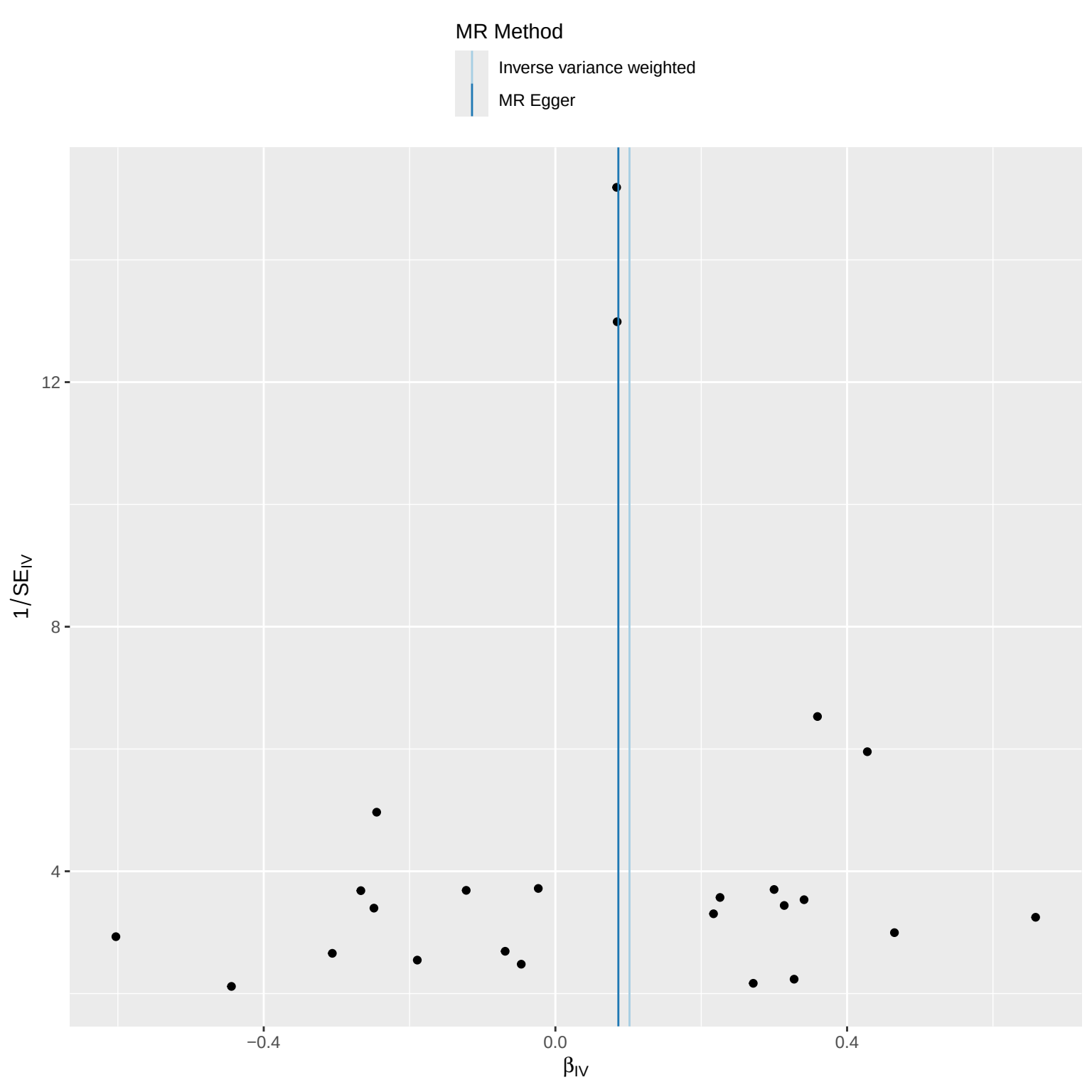

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

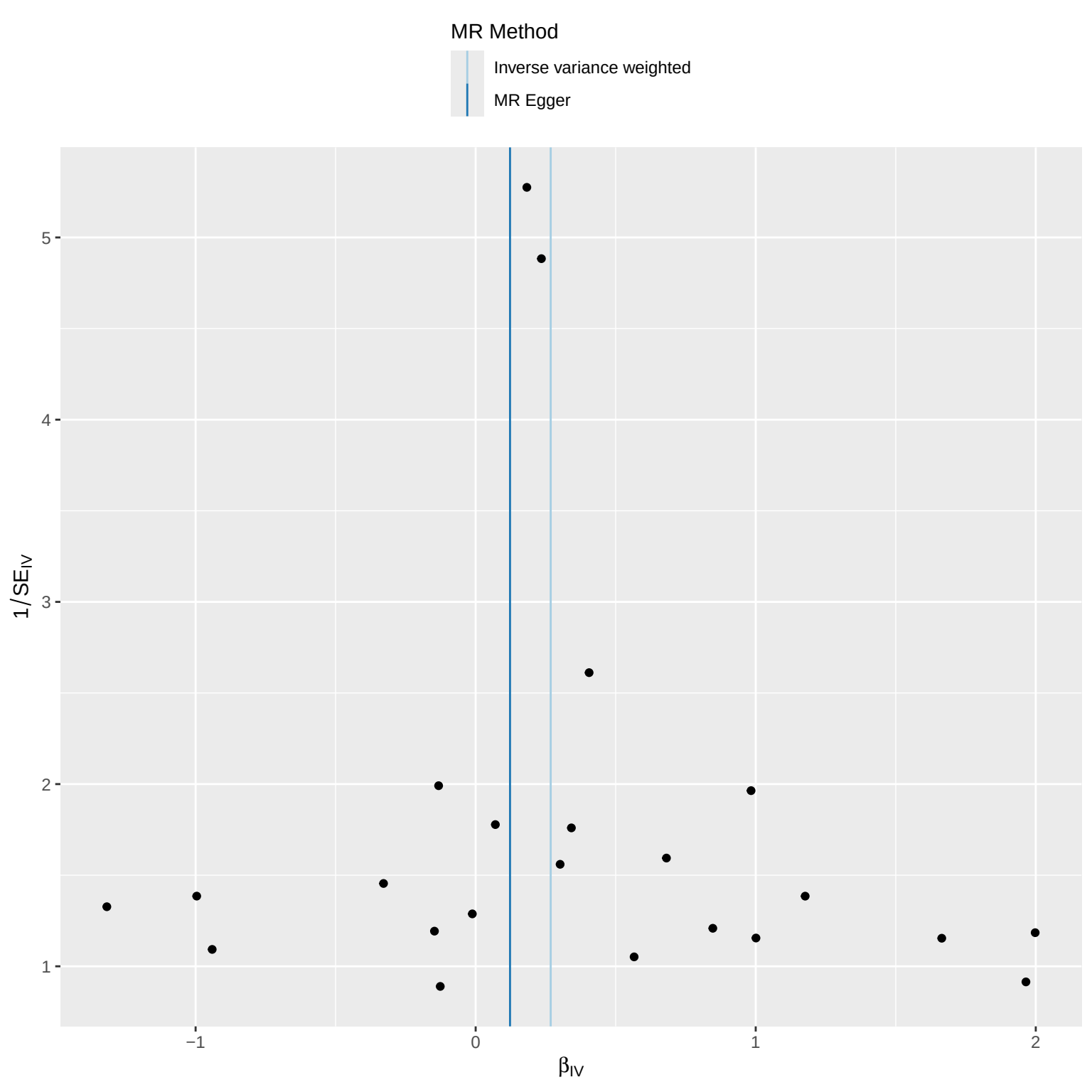

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

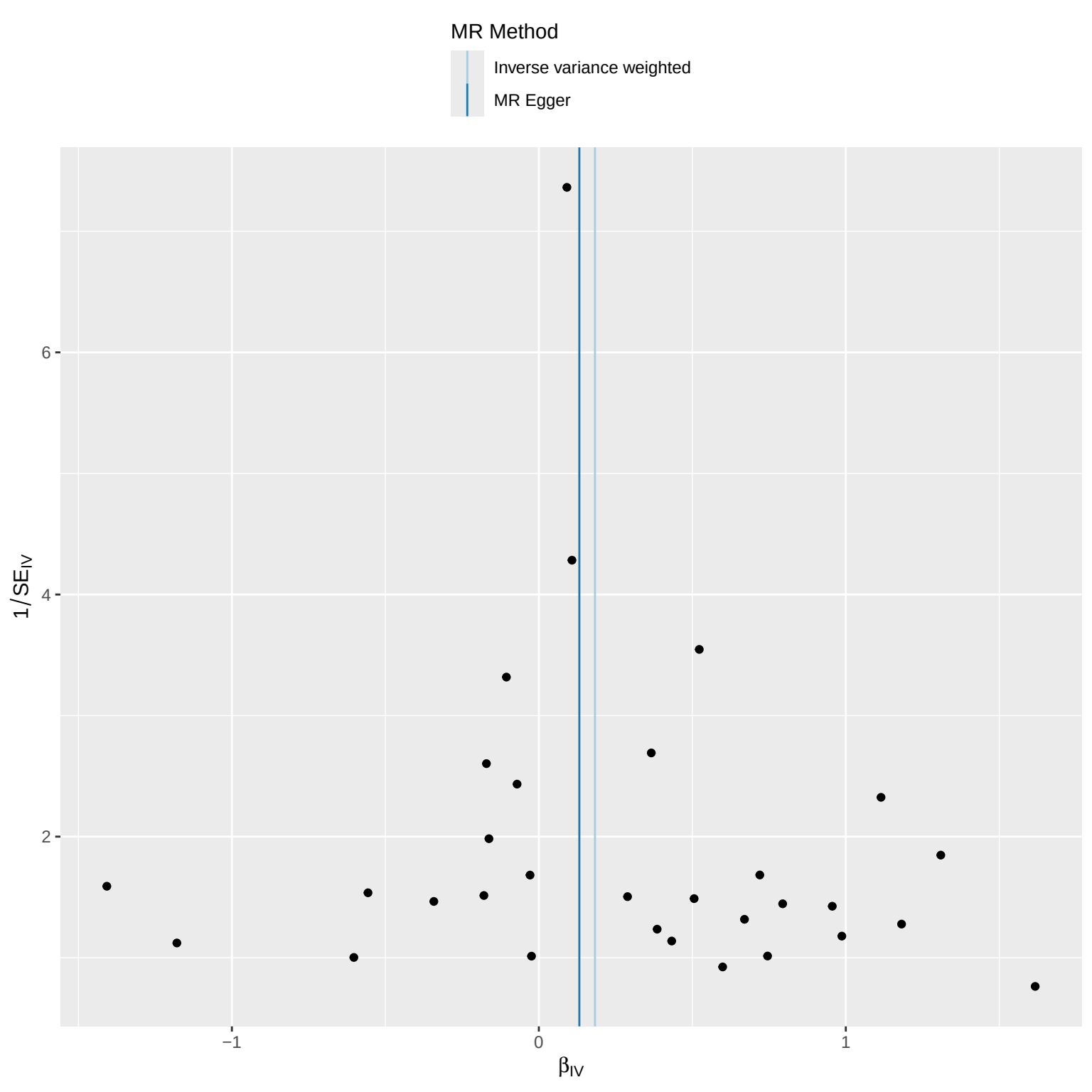

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

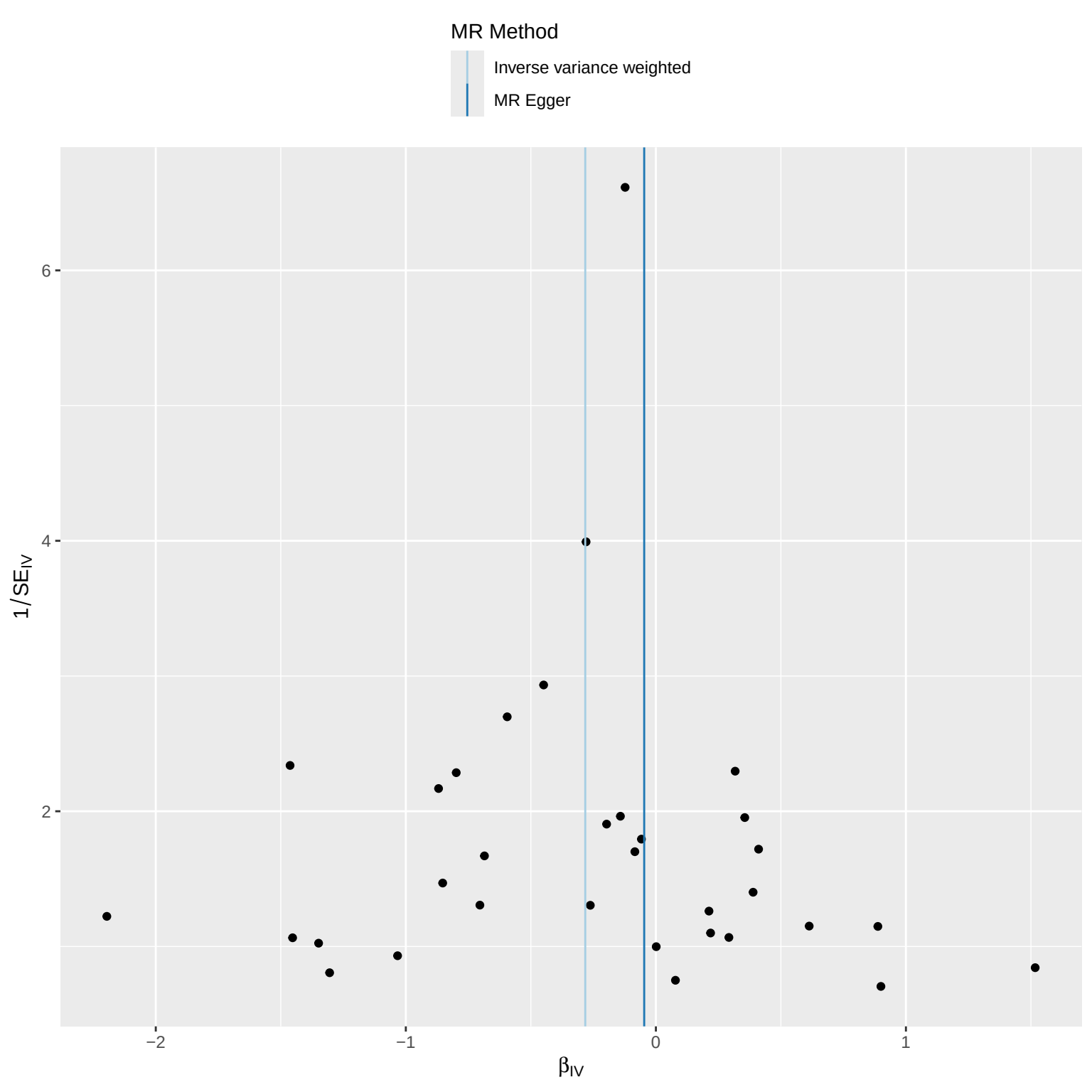

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

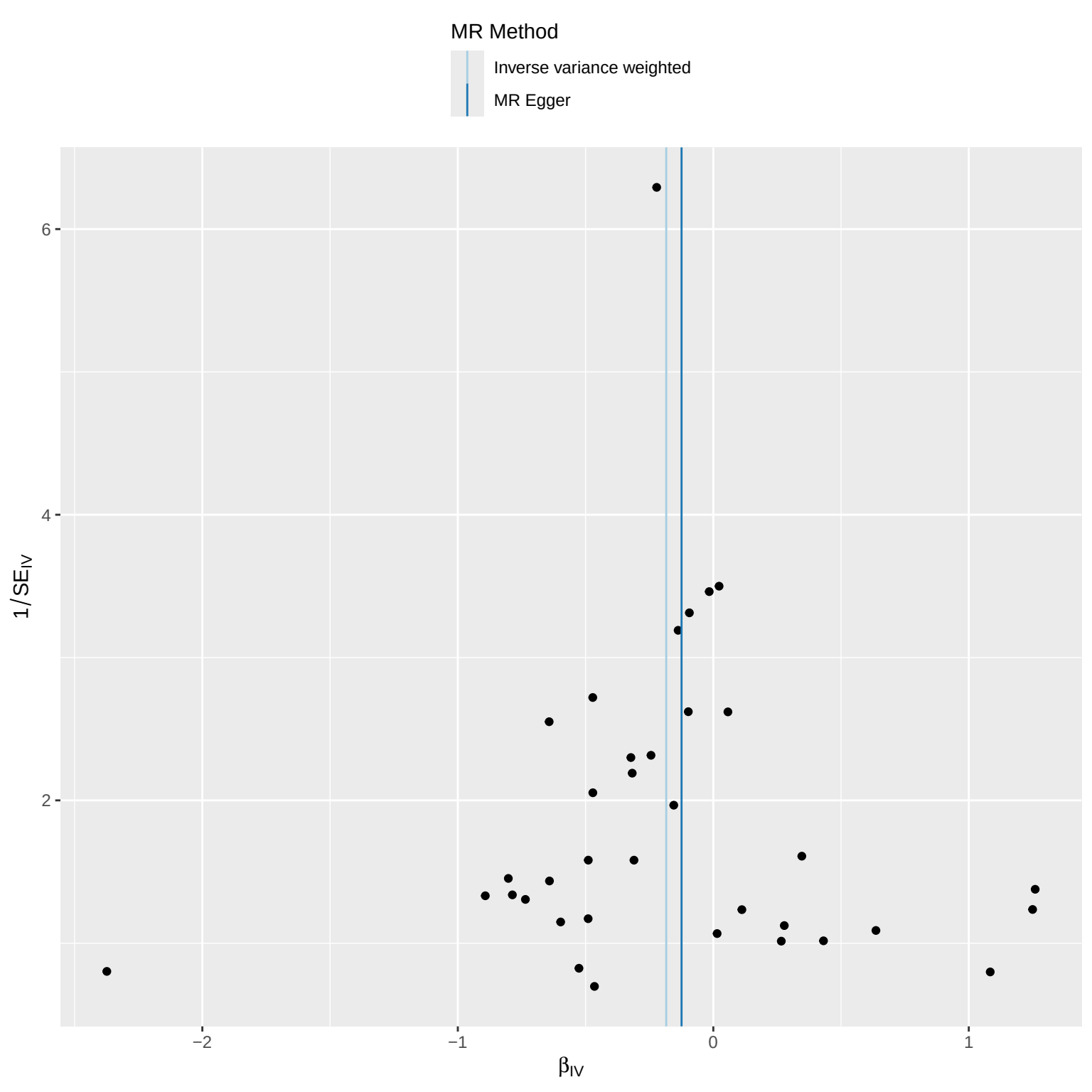

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

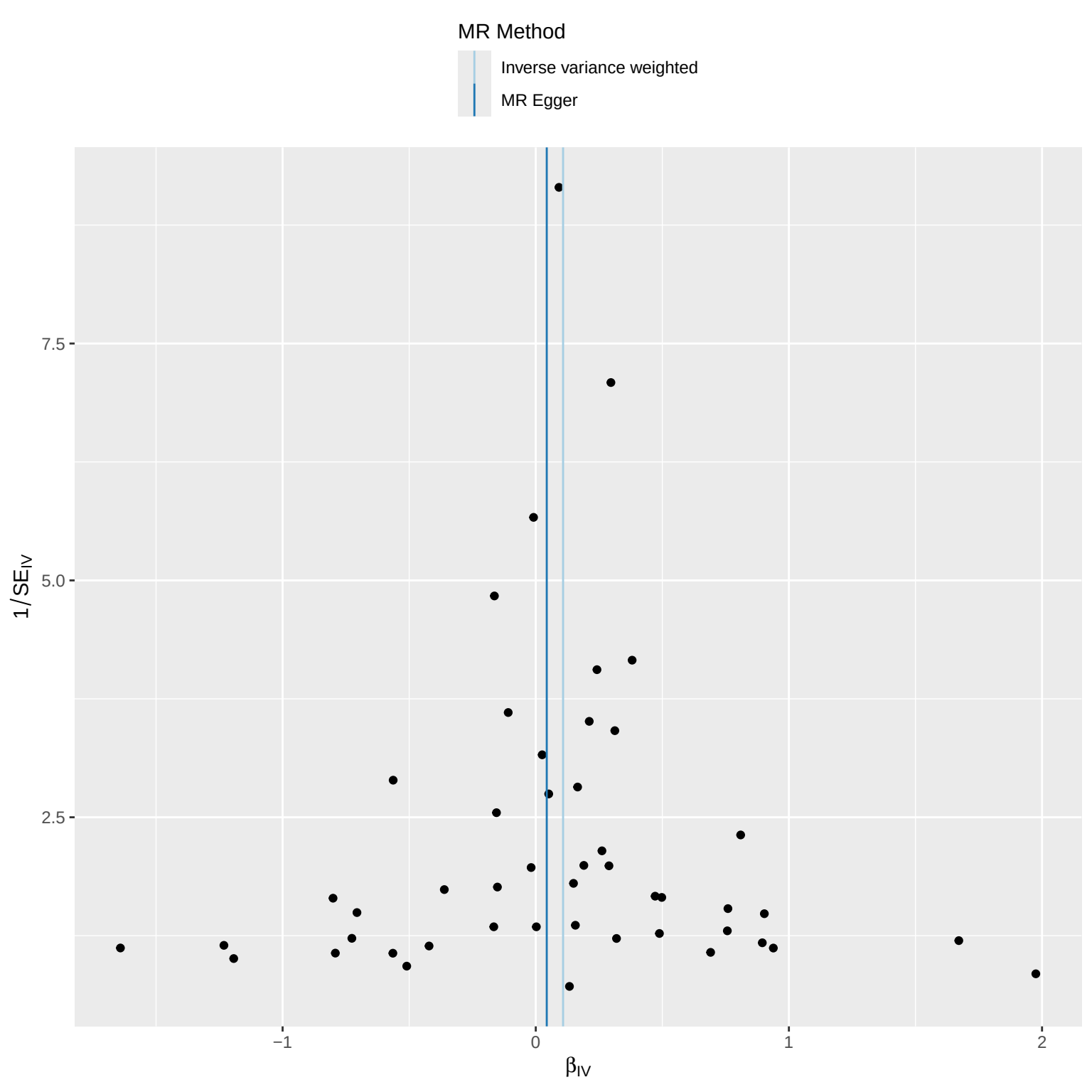

MR Method
Inverse variance weighted
MR Egger
12
8
4
1/SE_IV
−0.4
0.0
0.4
β_IV

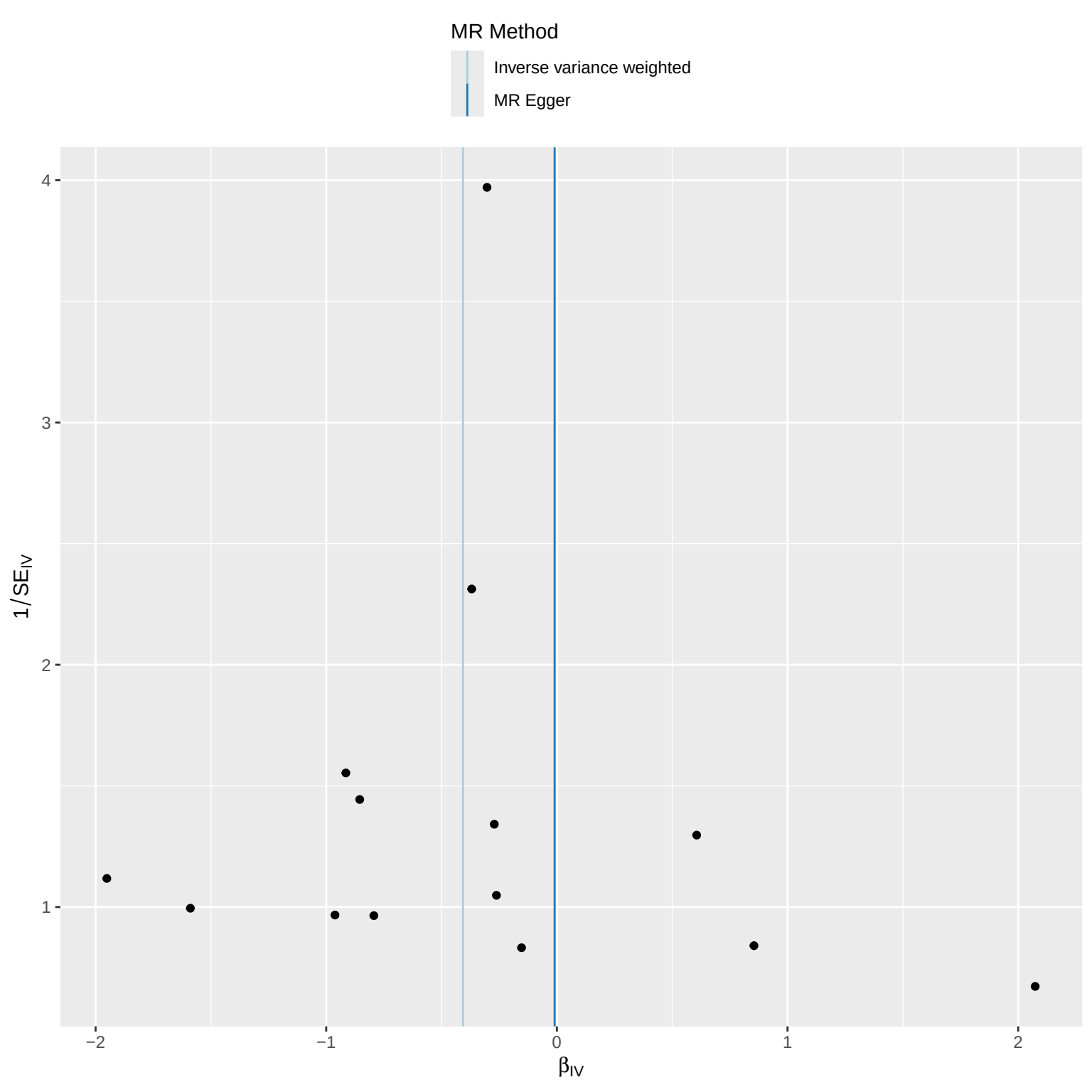

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

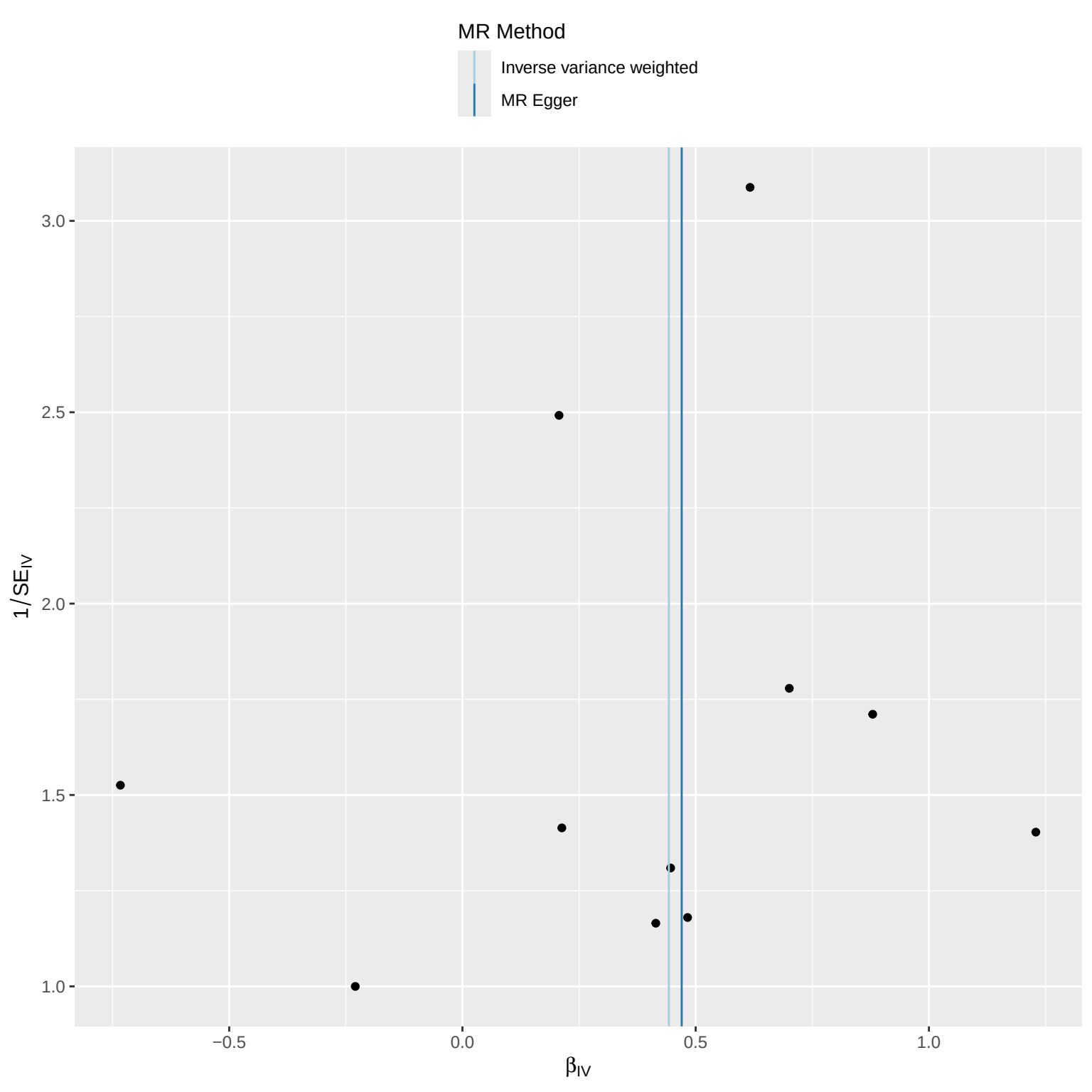

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

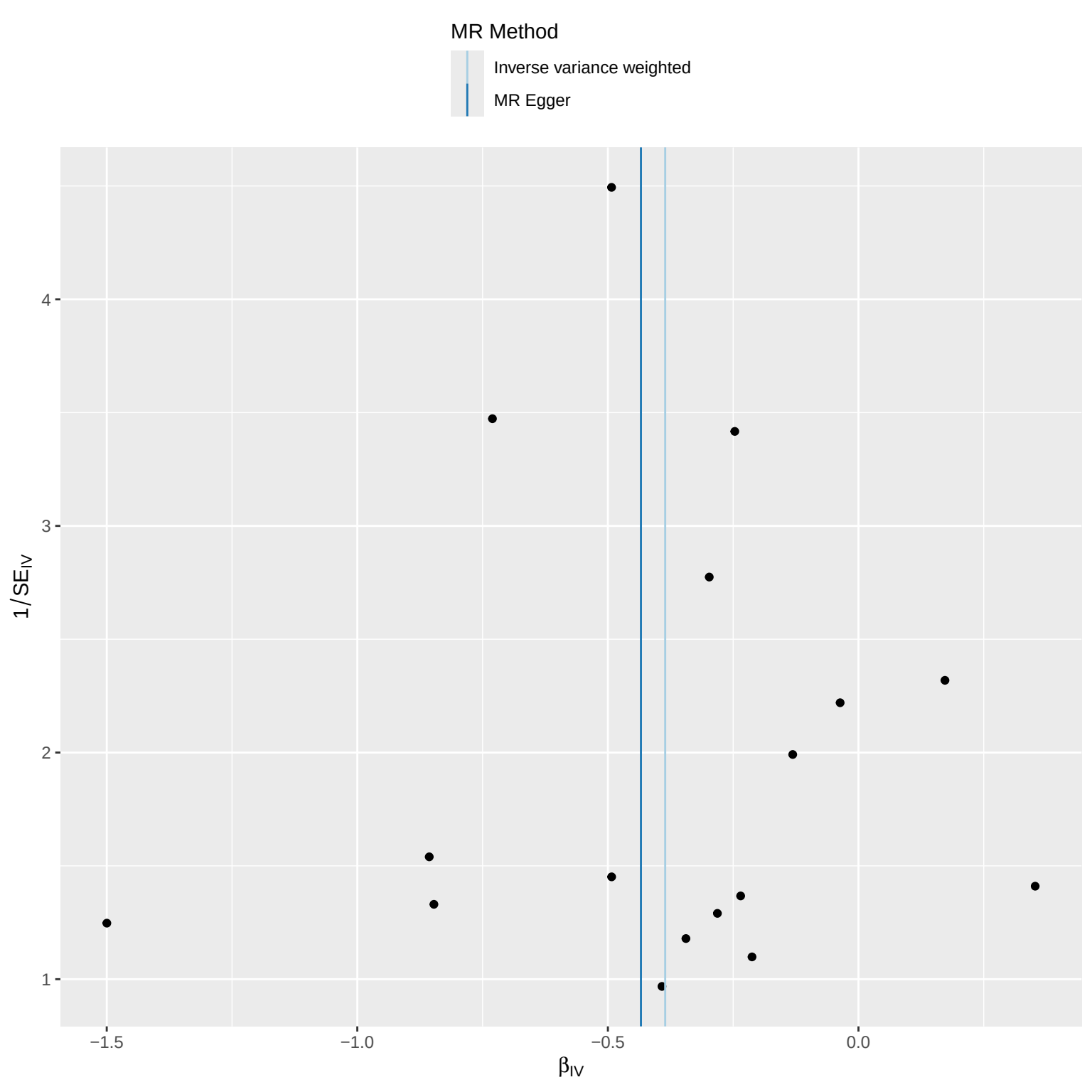

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

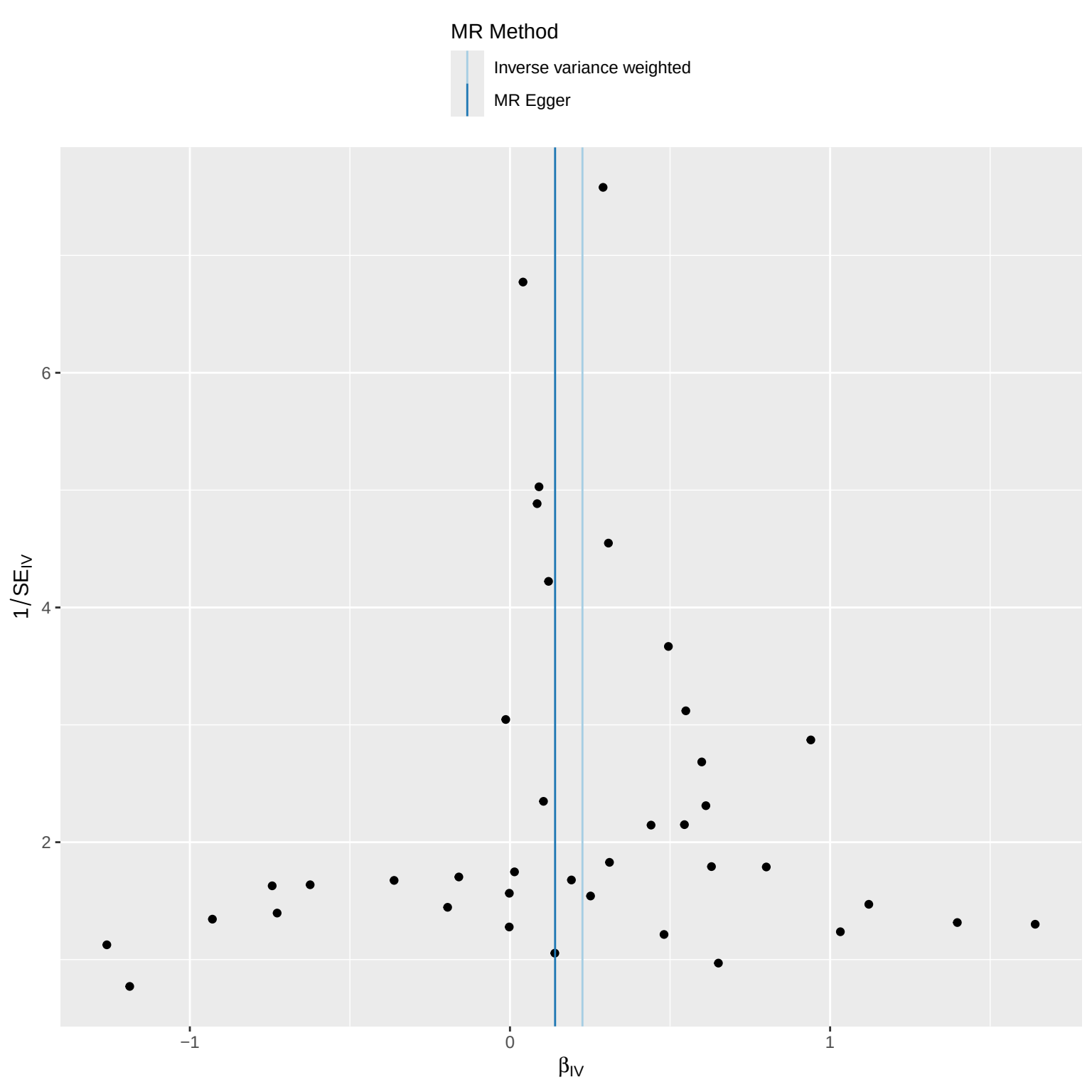

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

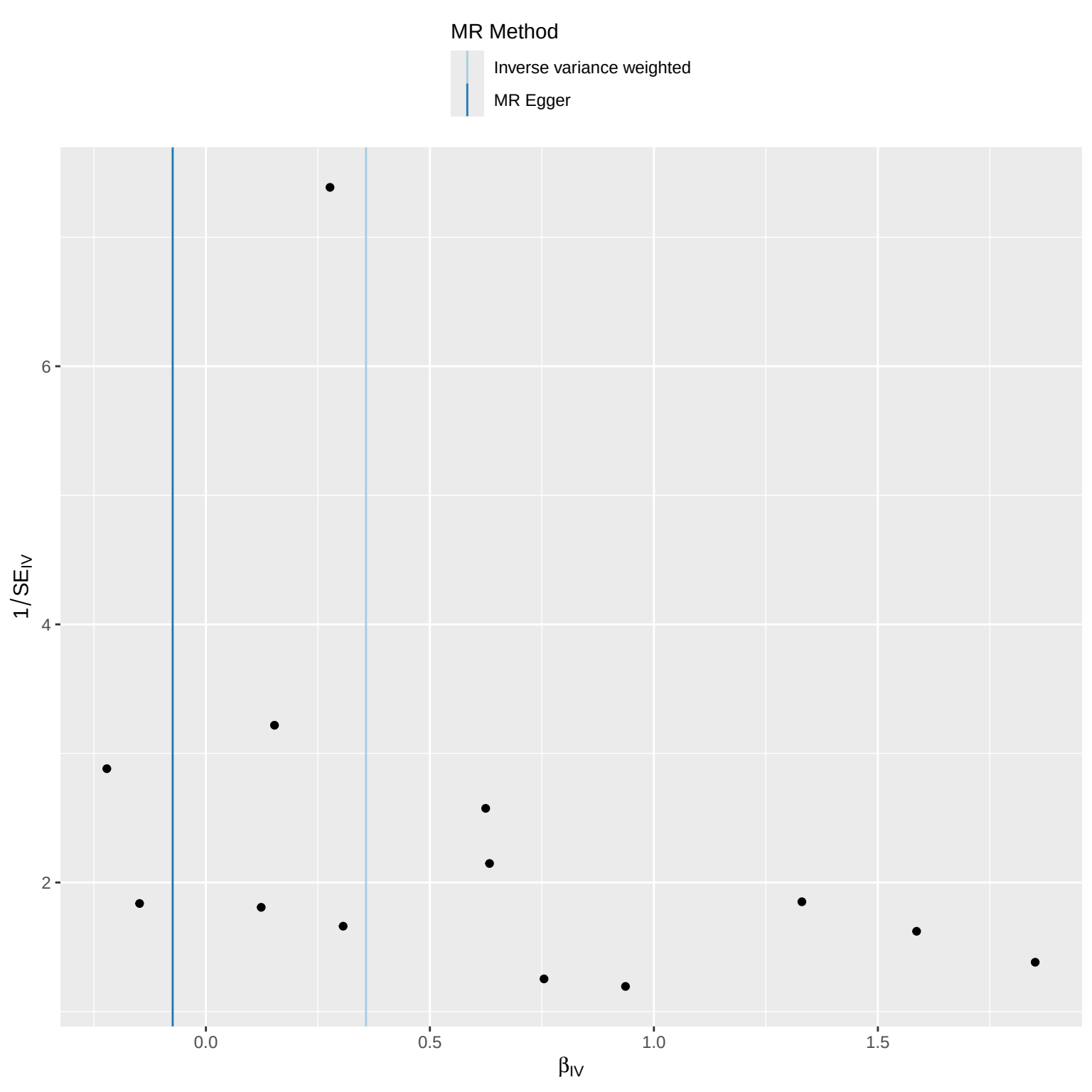

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

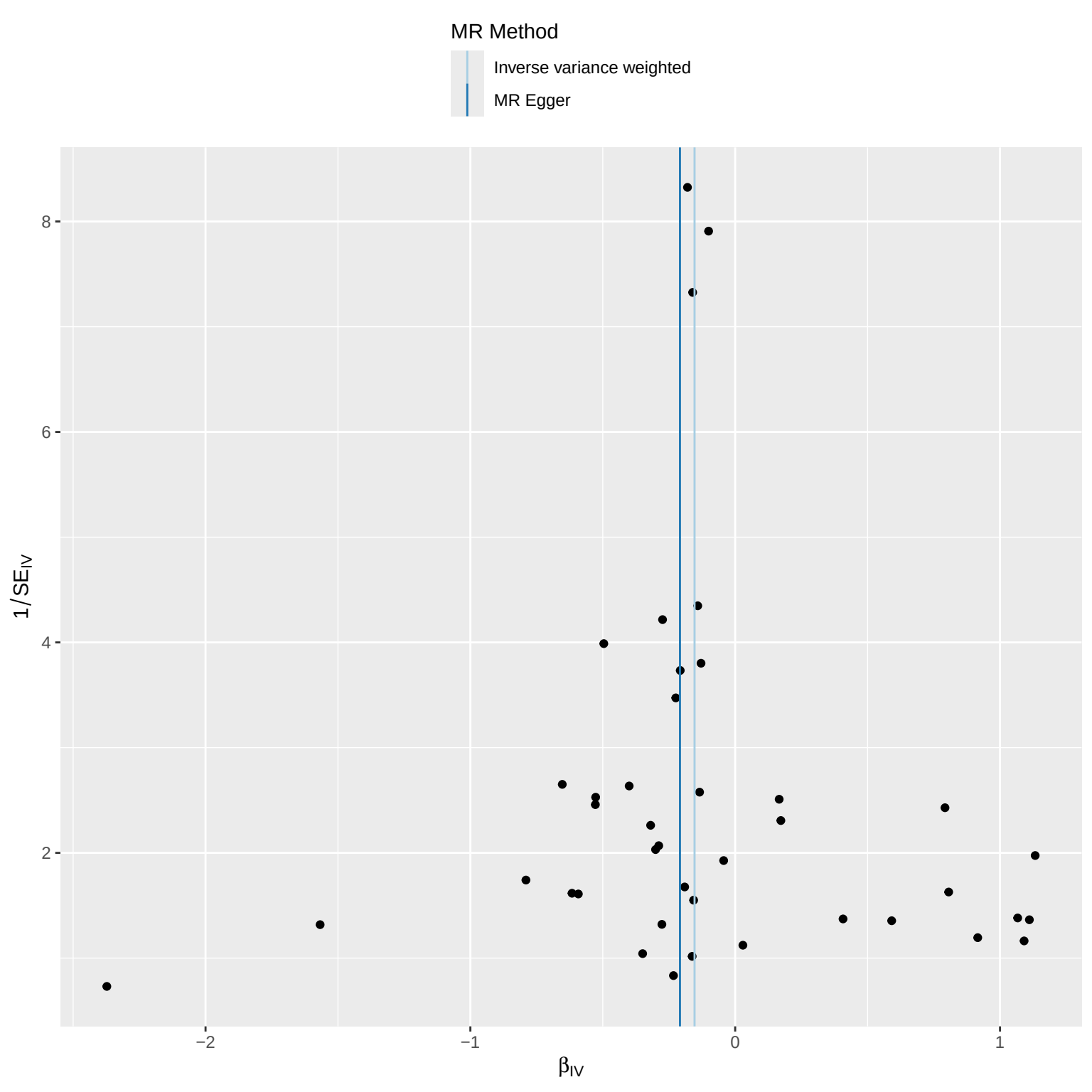

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

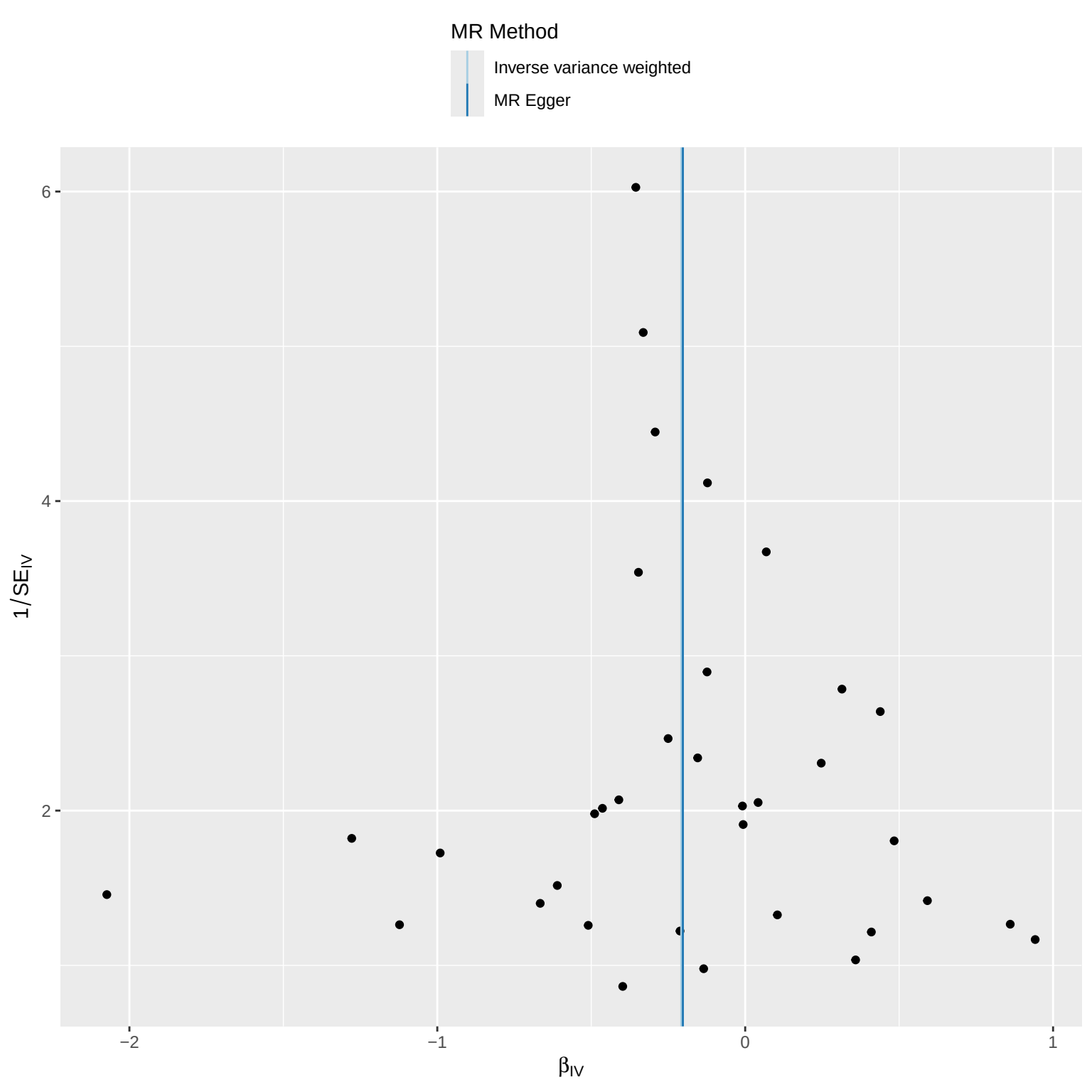

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

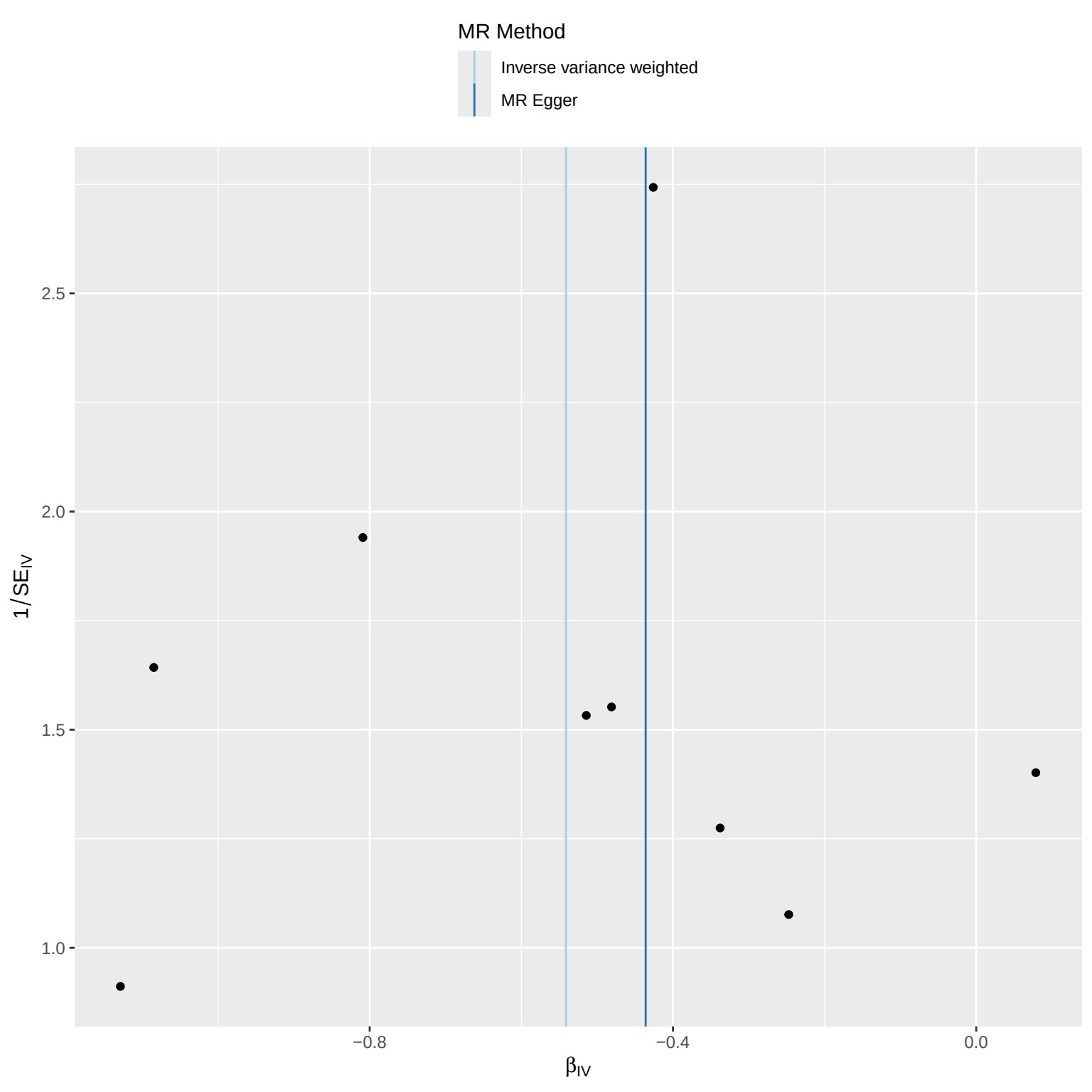

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

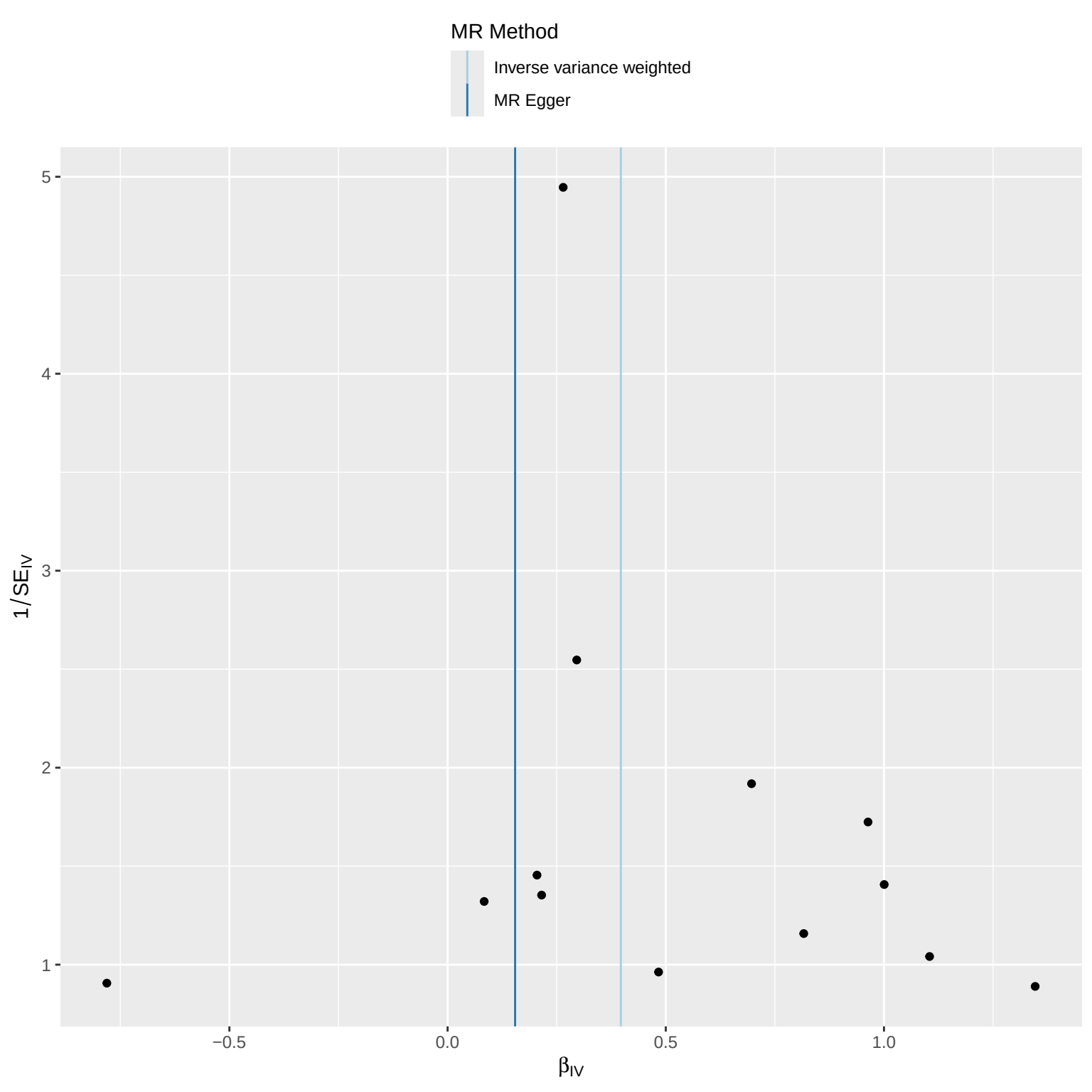

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

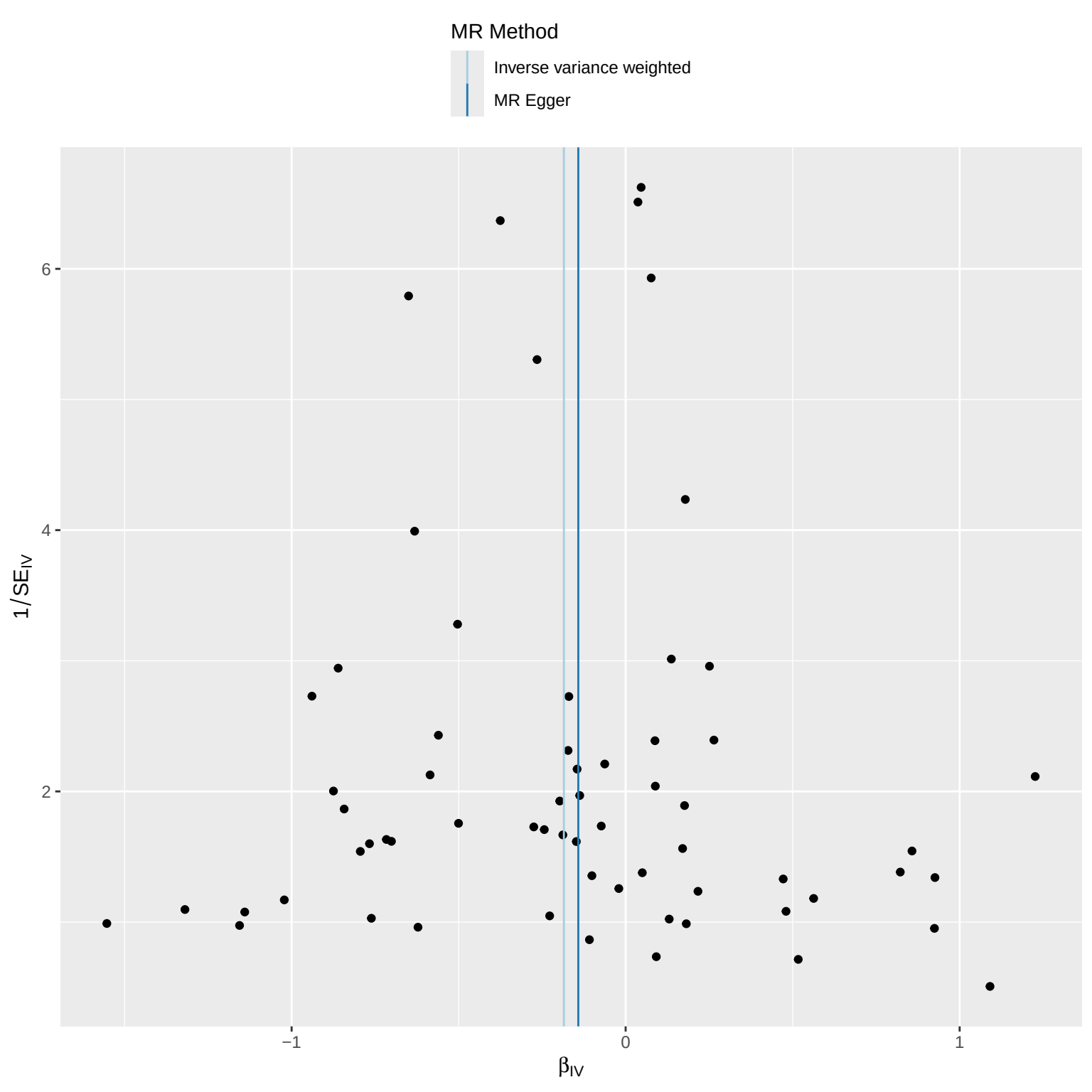

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

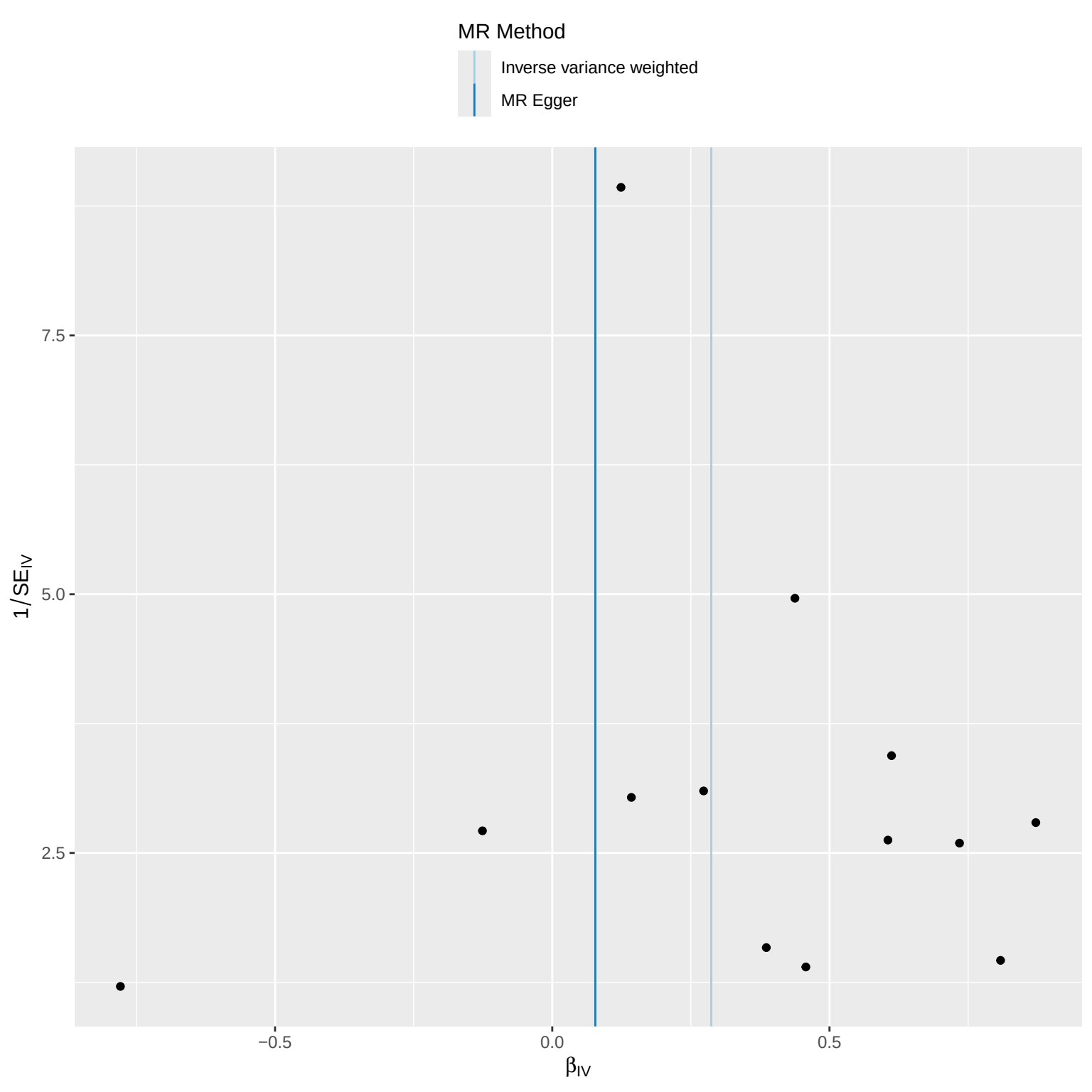

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

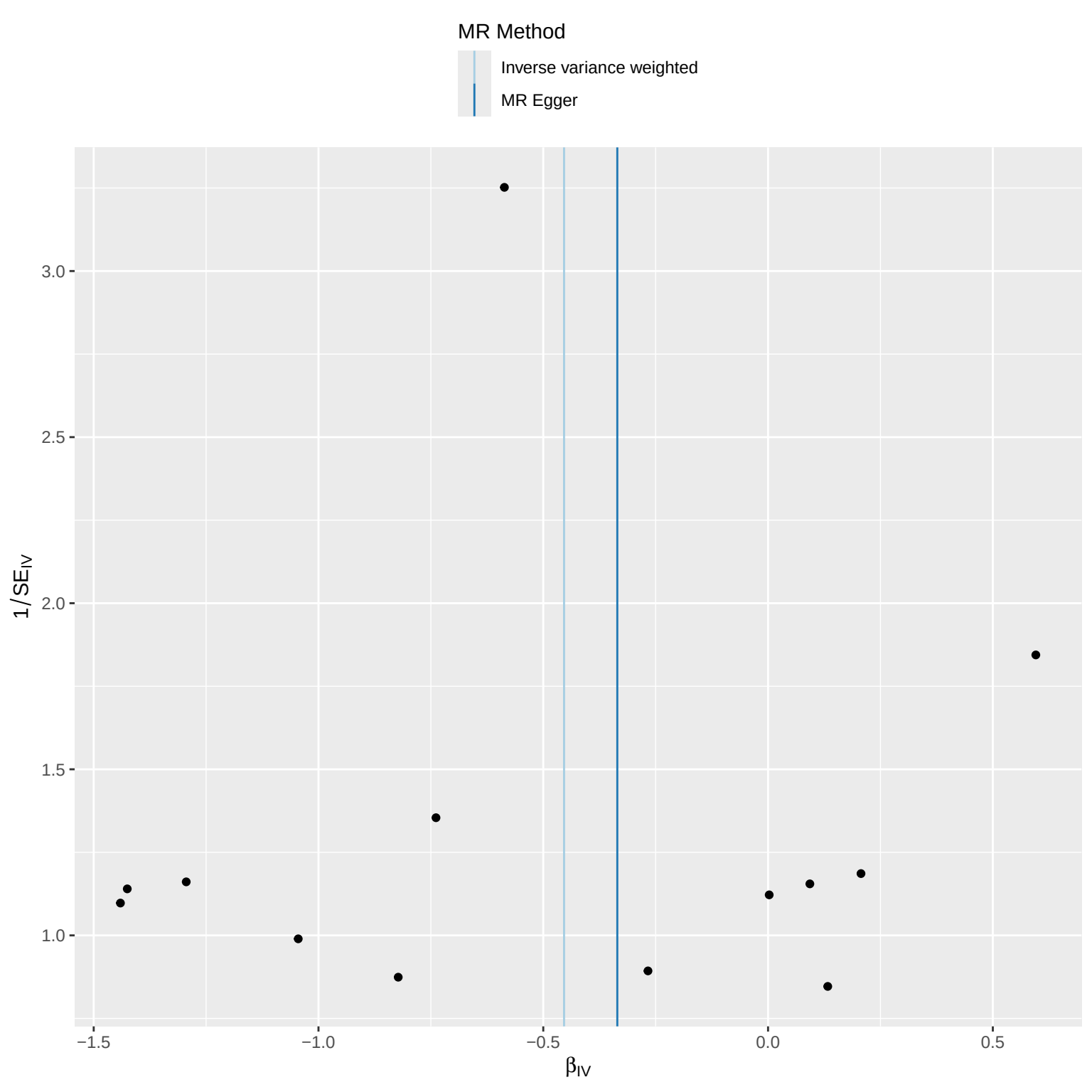

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

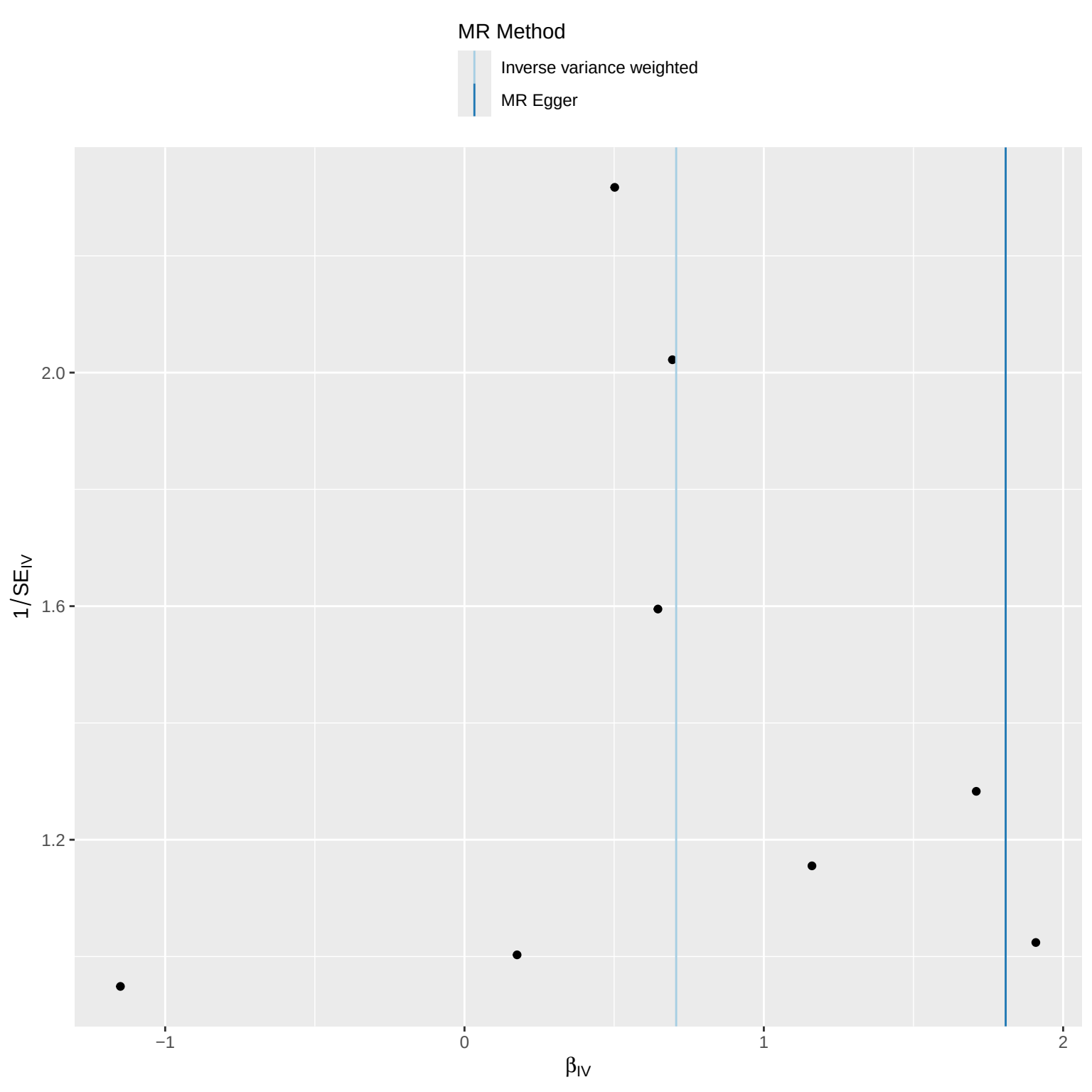

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.8
−0.4
0.0
β_IV

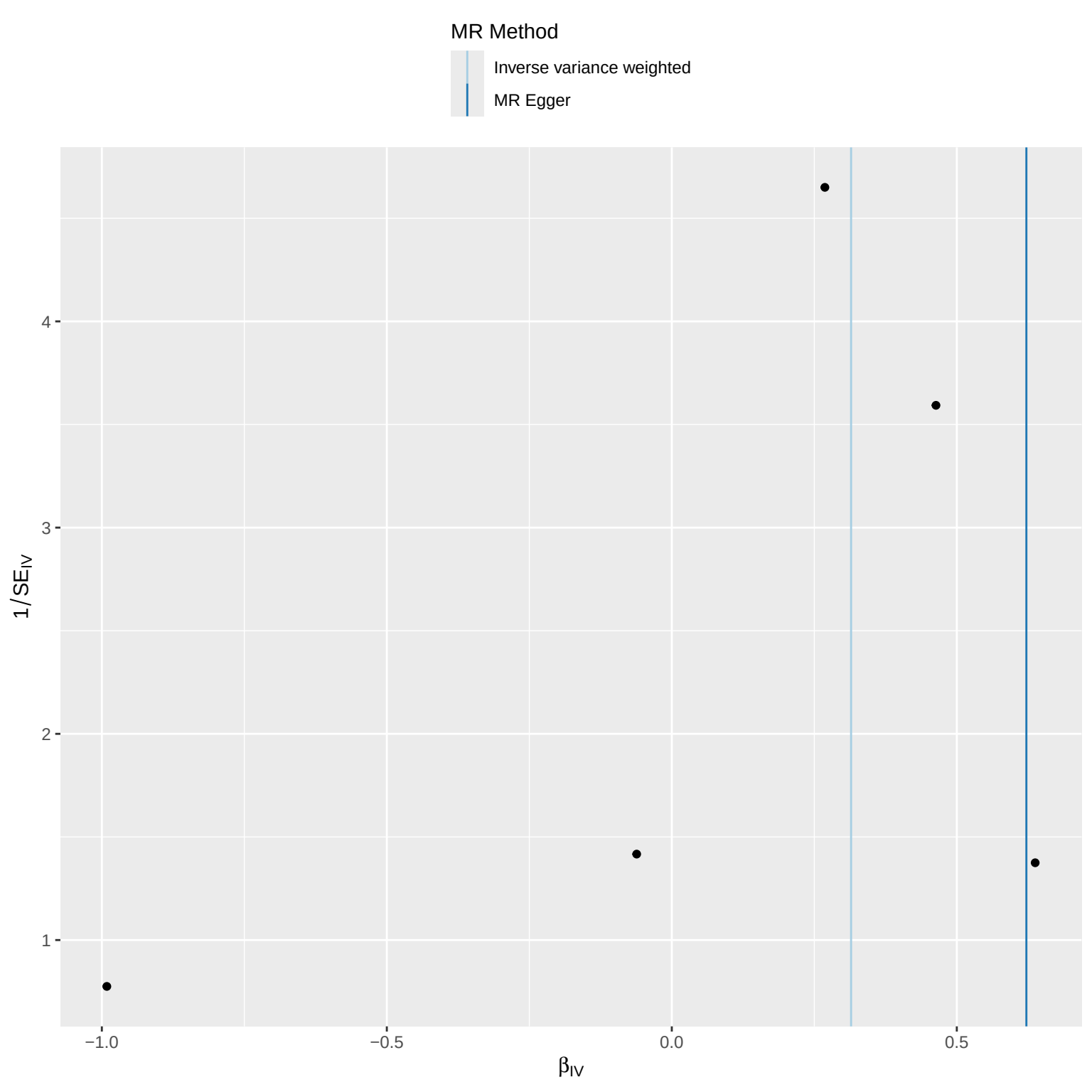

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

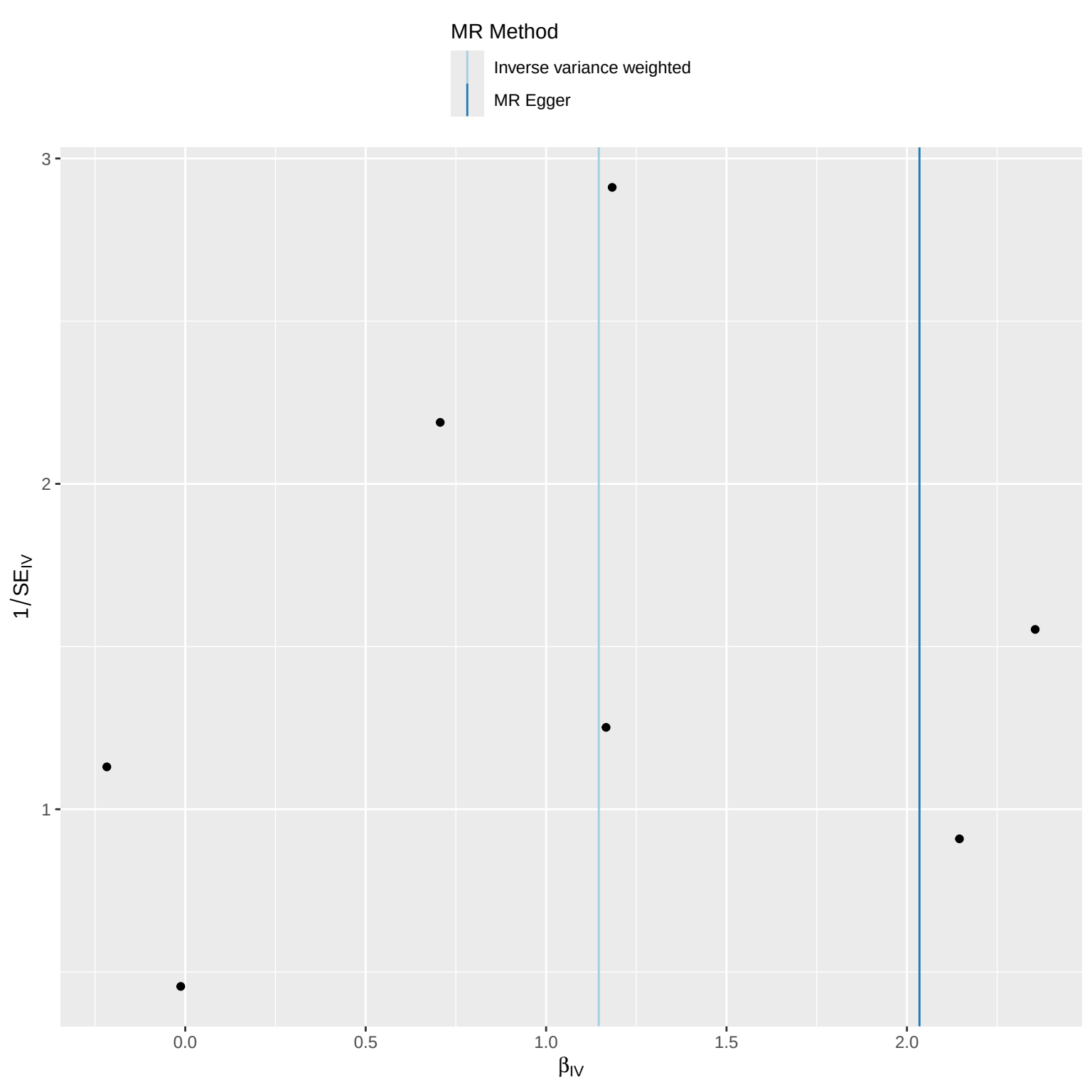

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

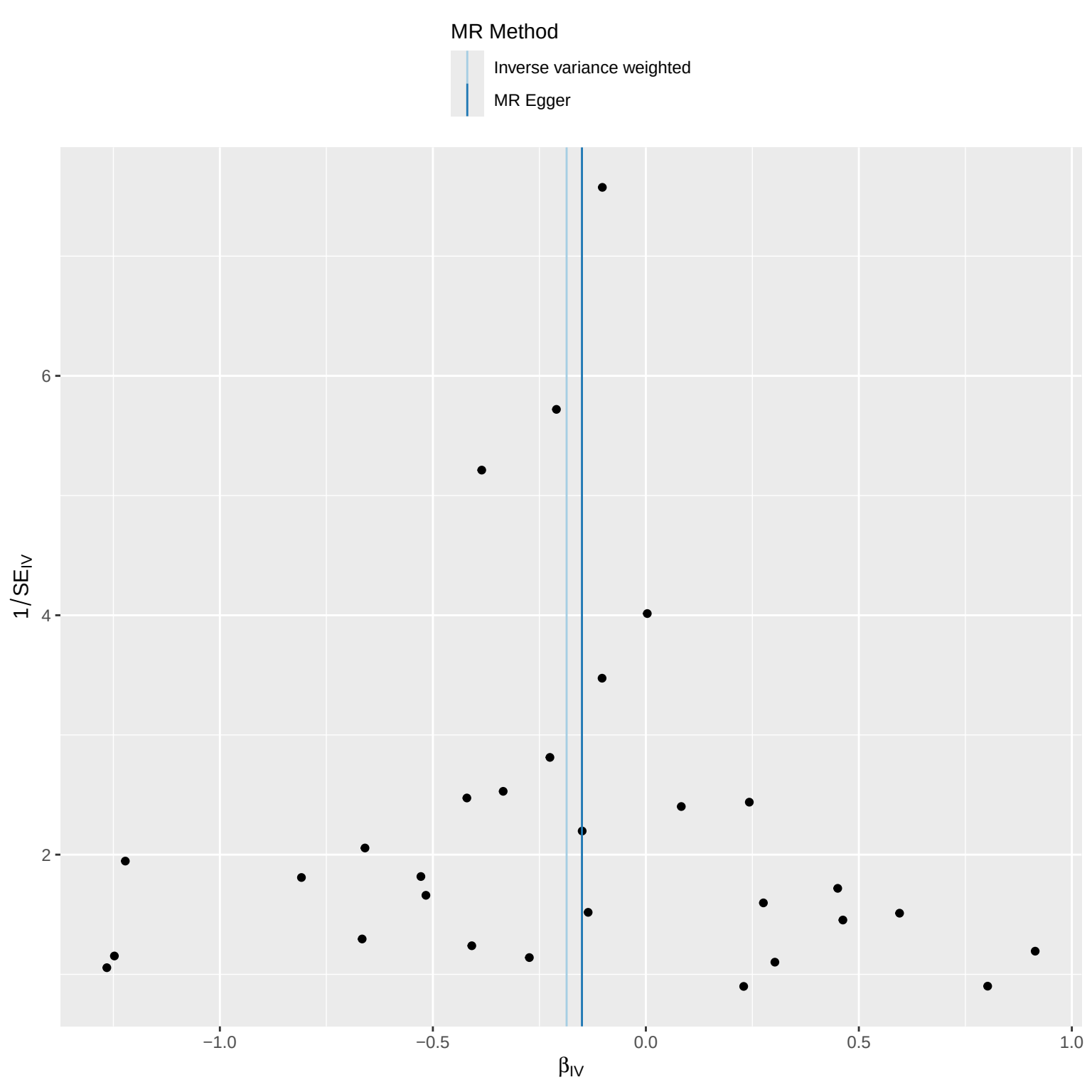

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

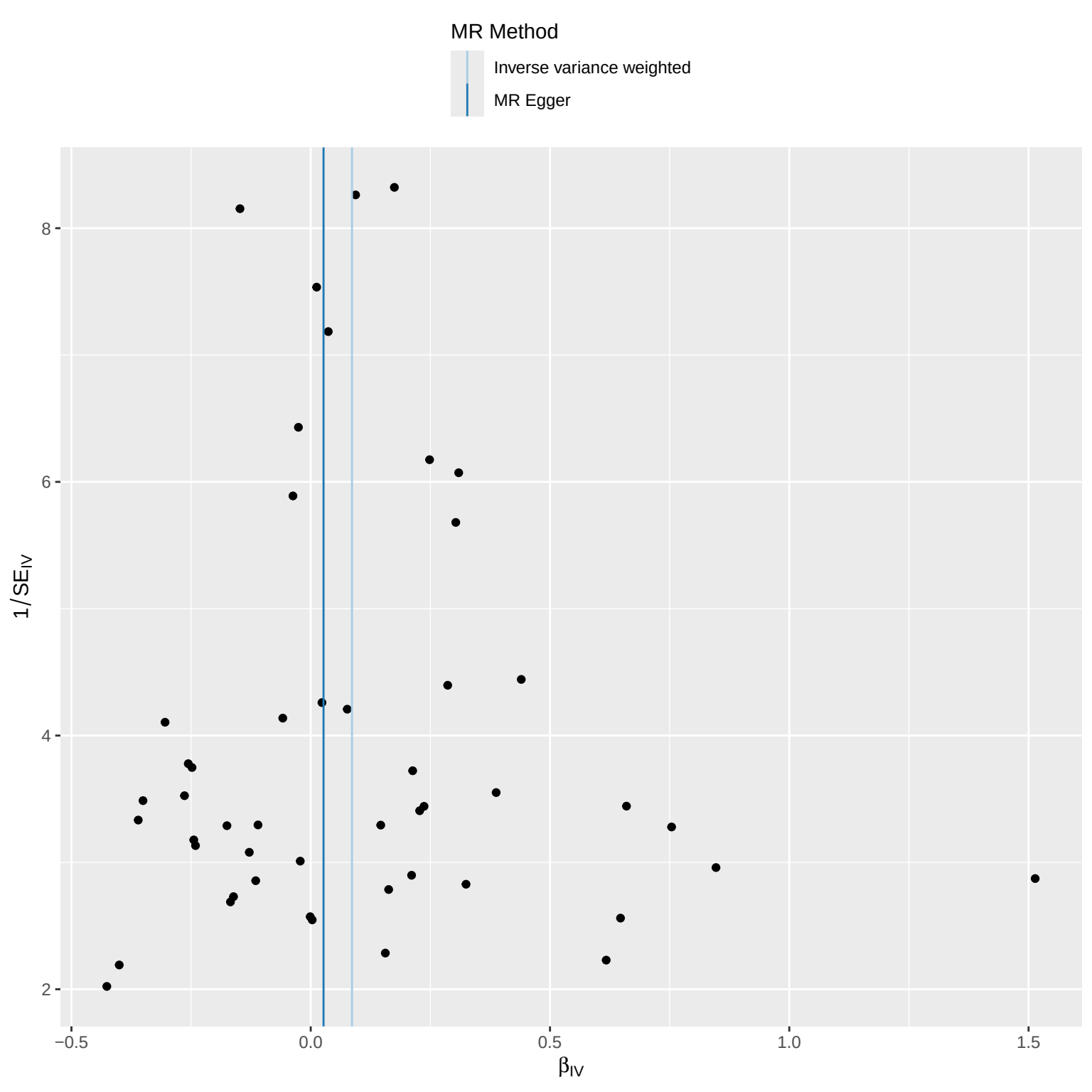

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

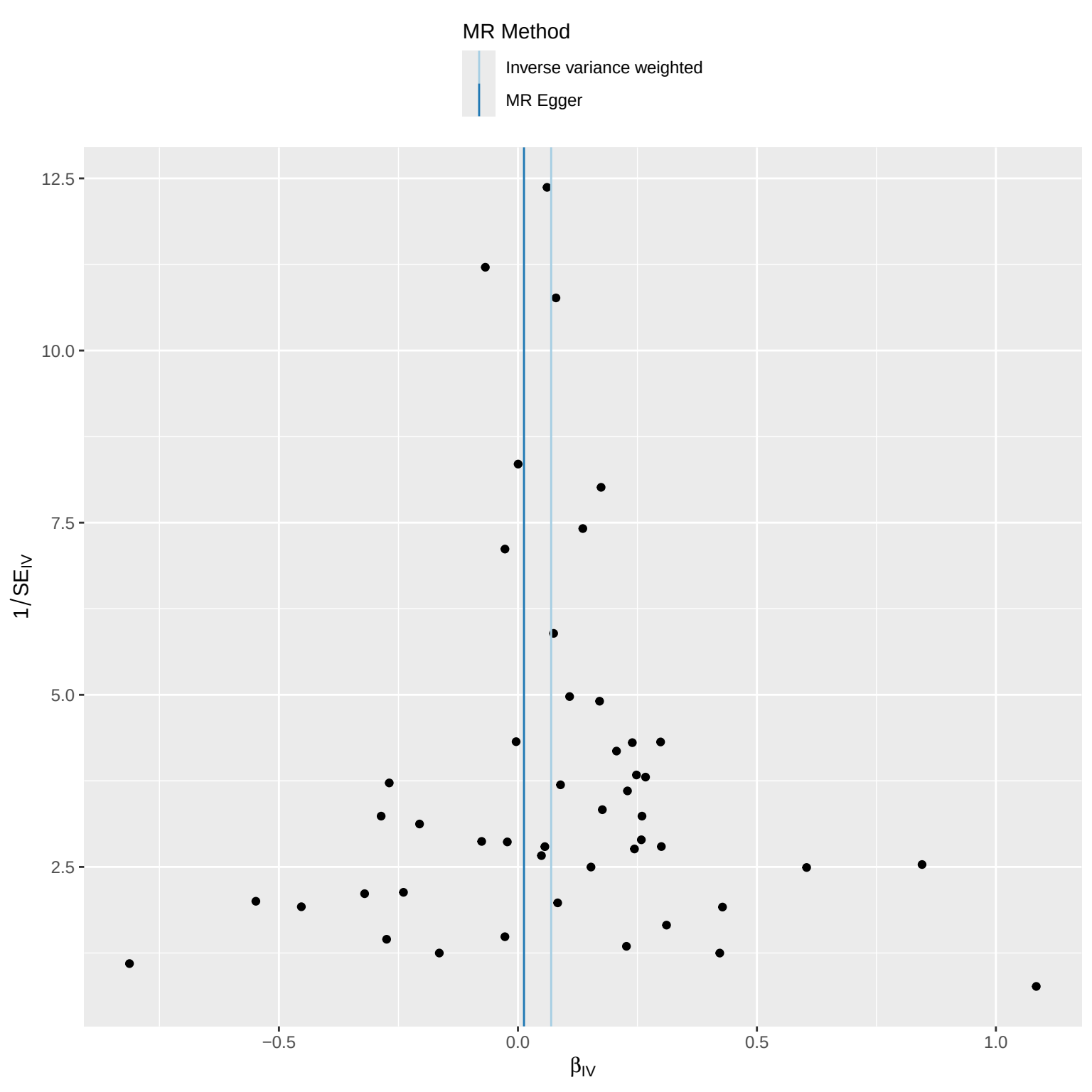

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
−1
0
1
2
β_IV

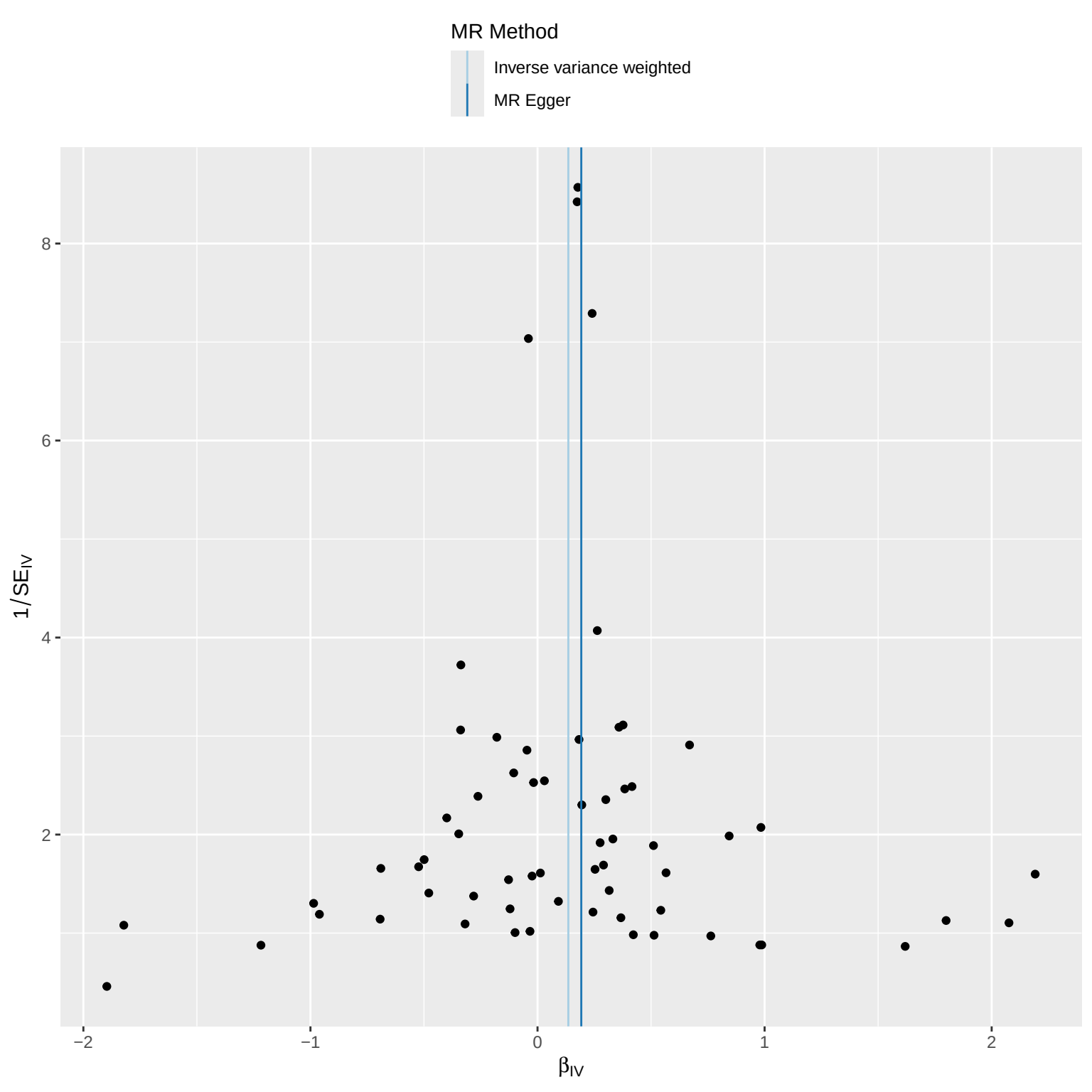

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

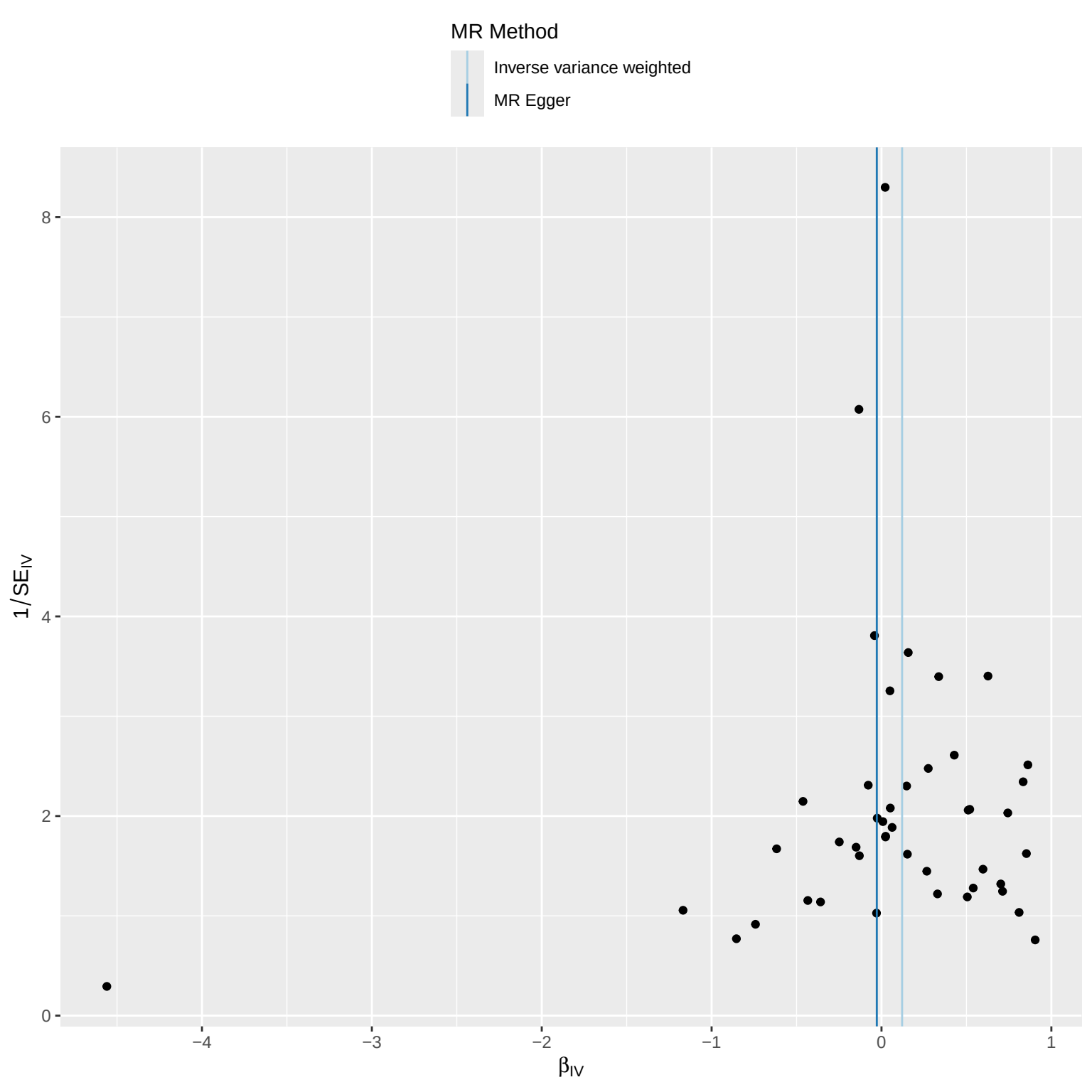

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

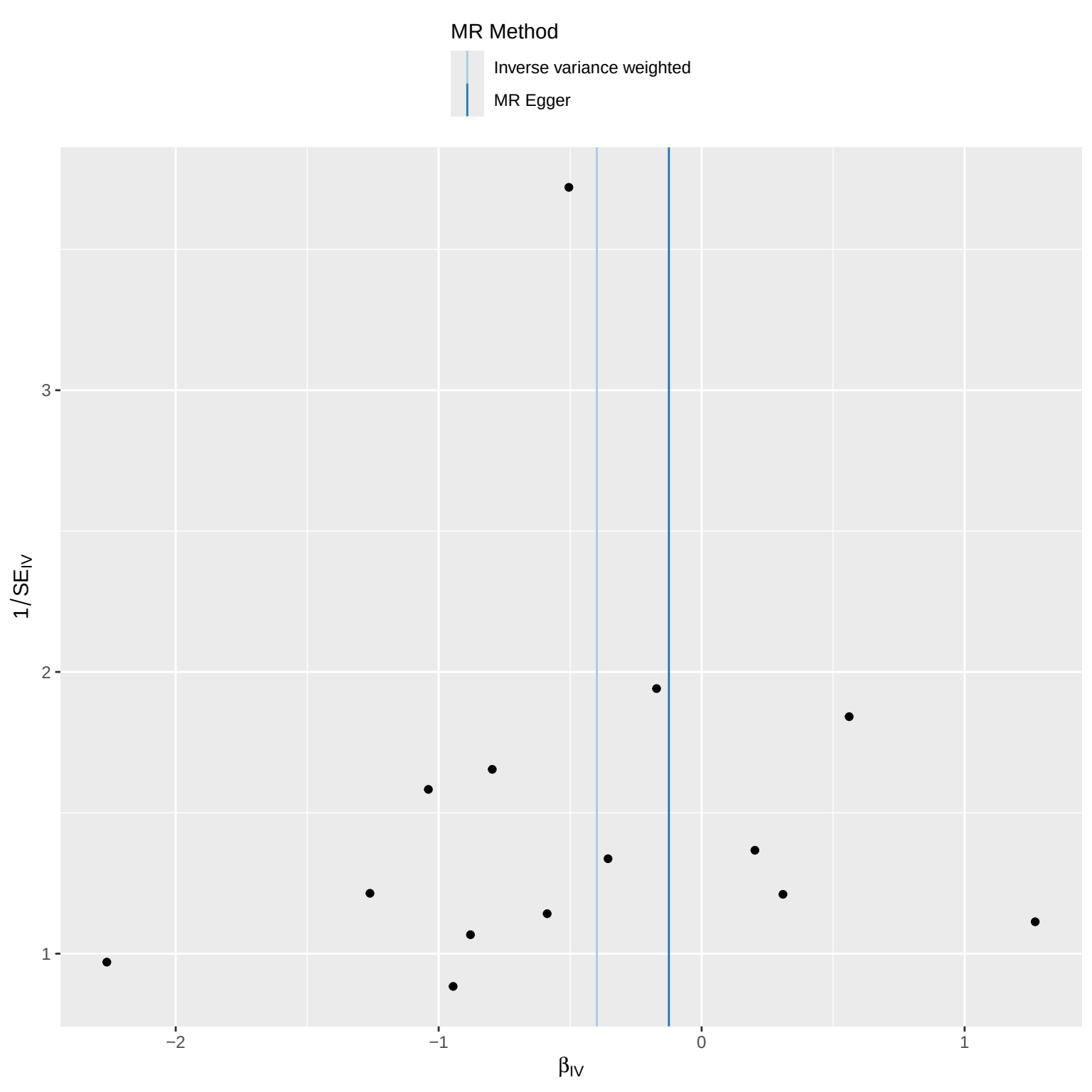

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

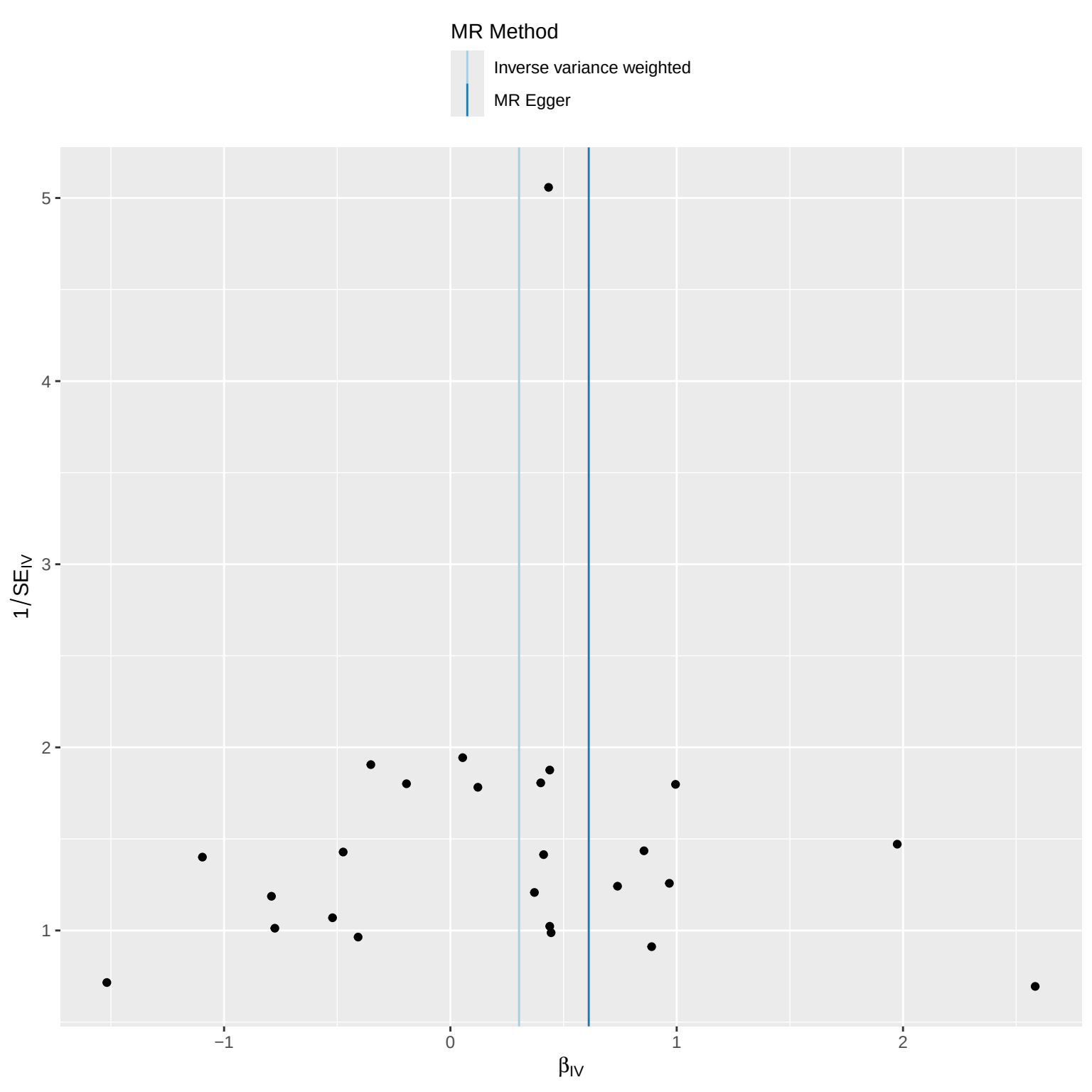

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

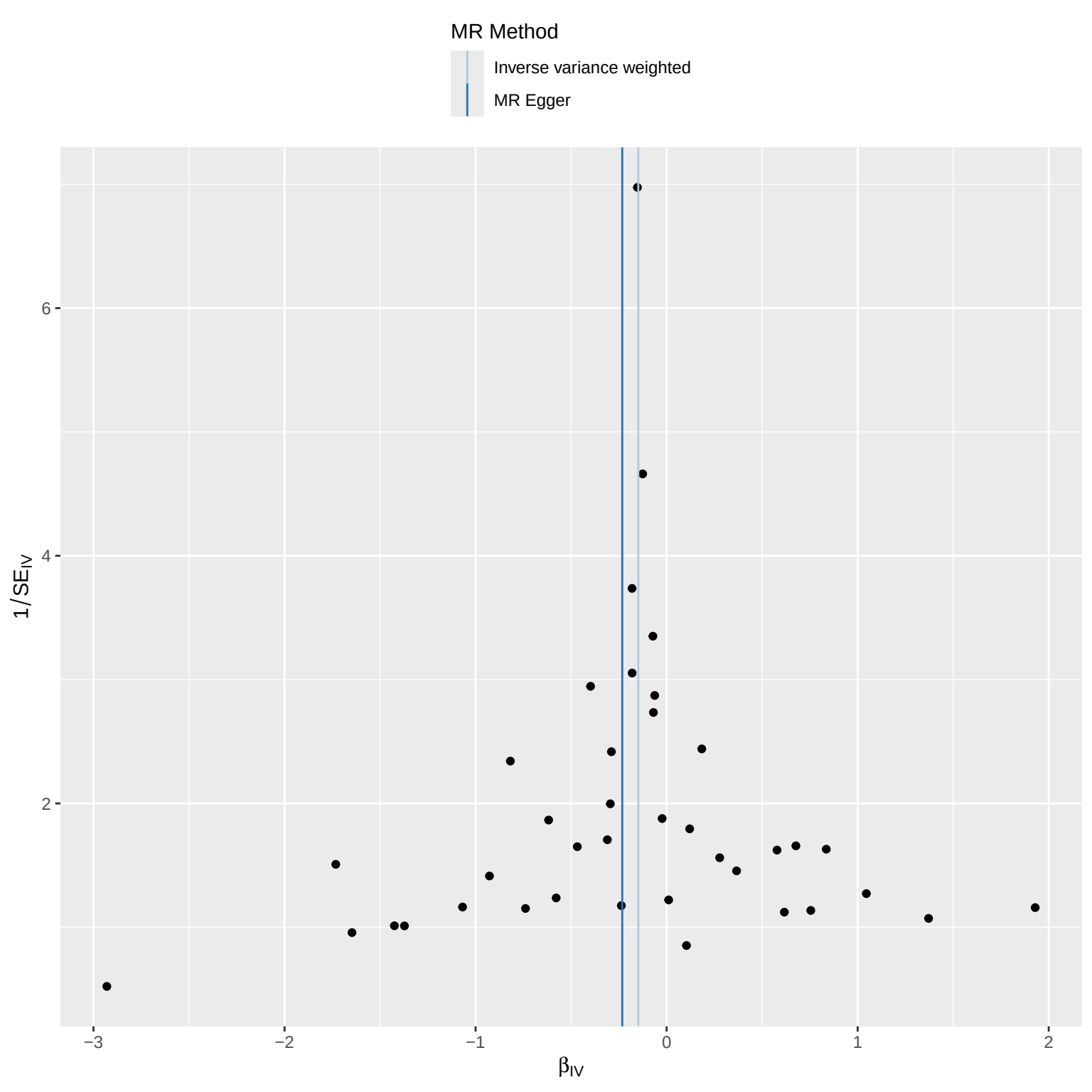

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

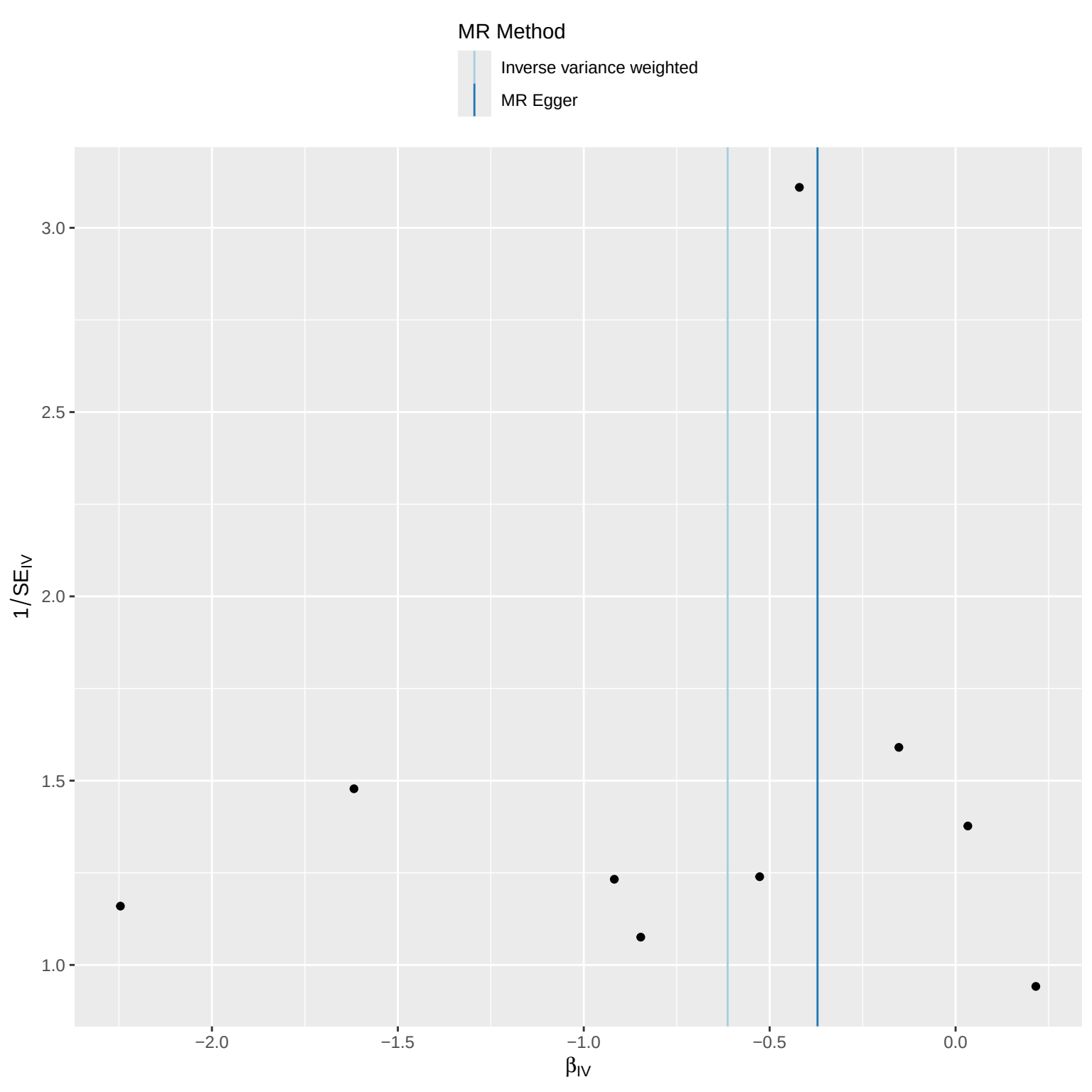

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

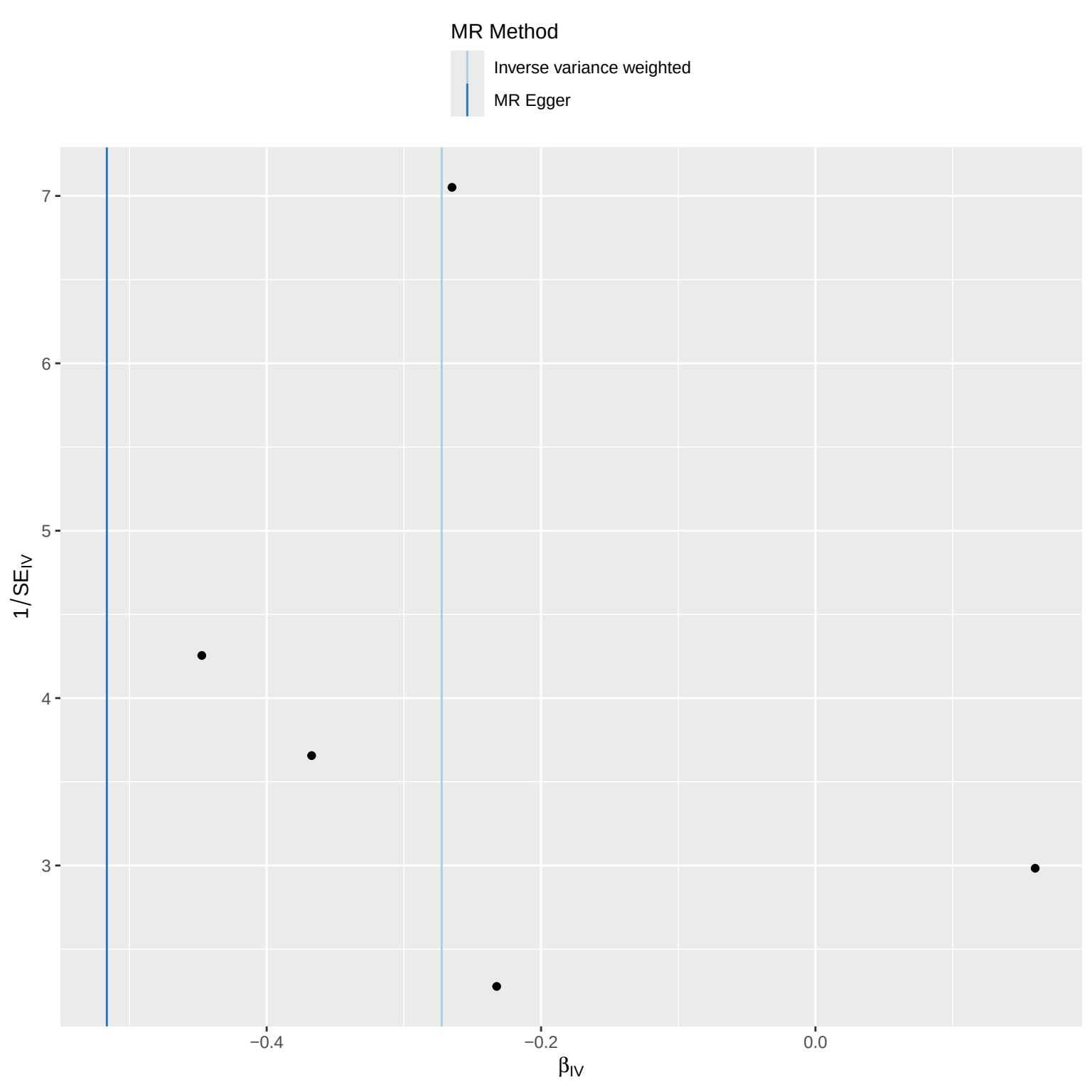

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

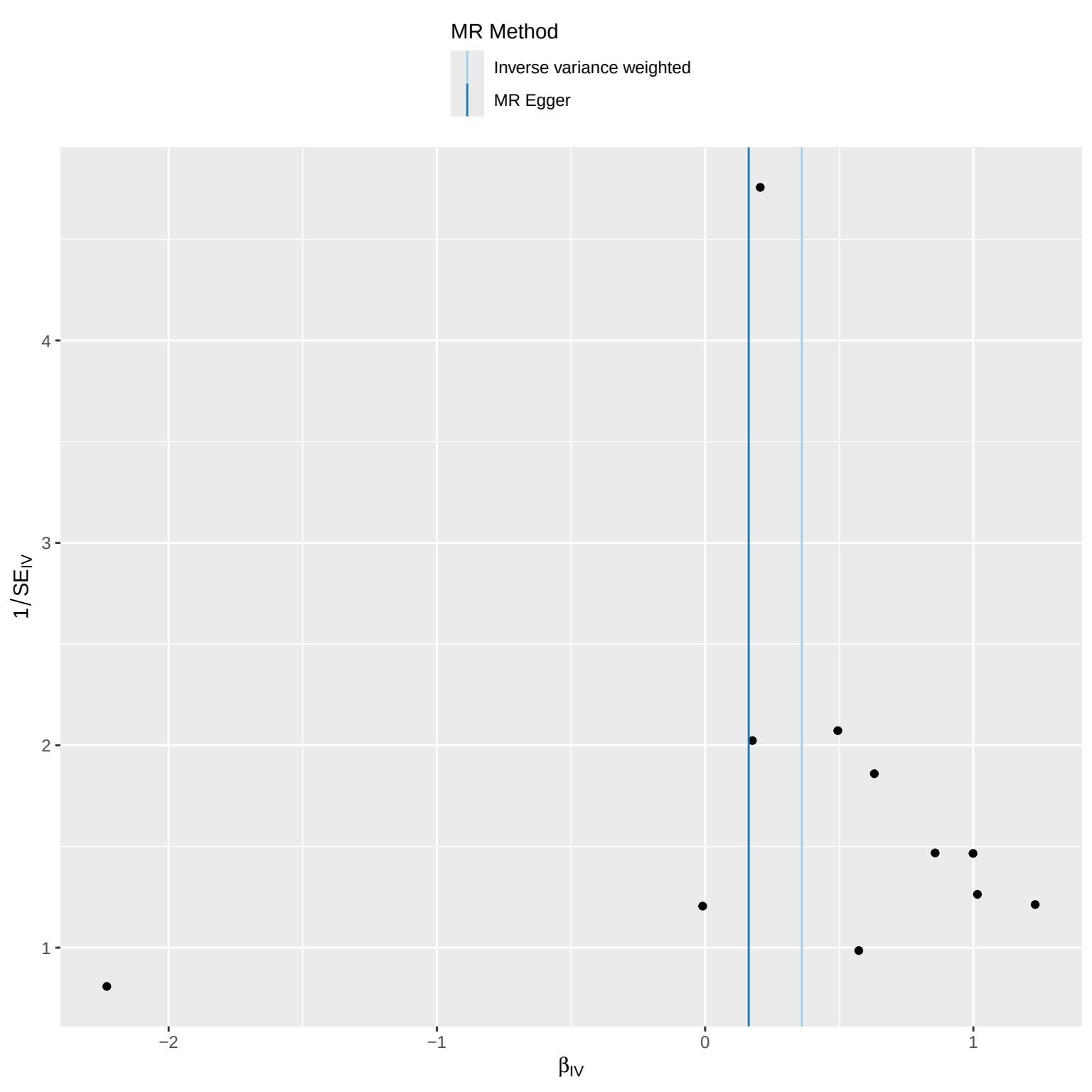

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

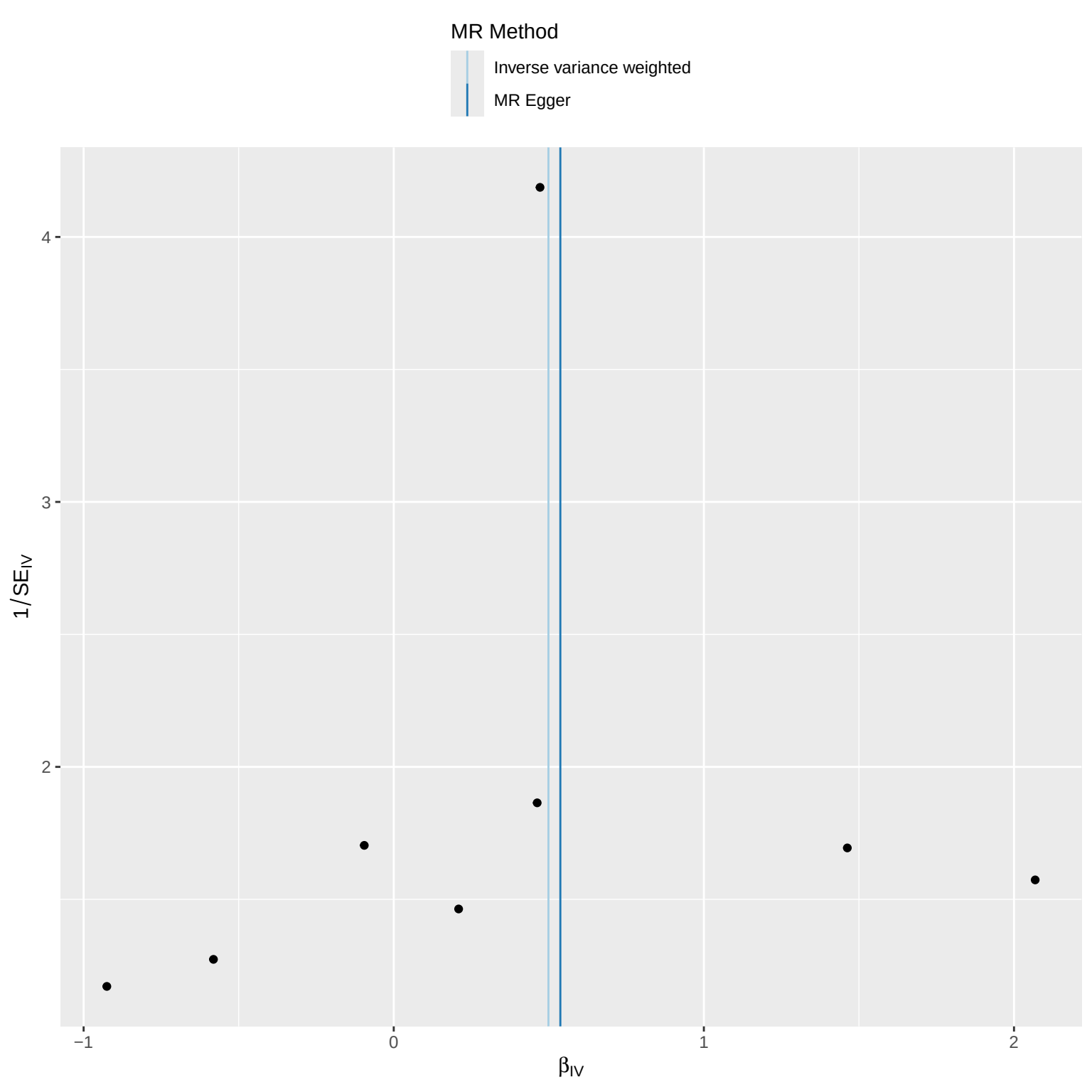

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

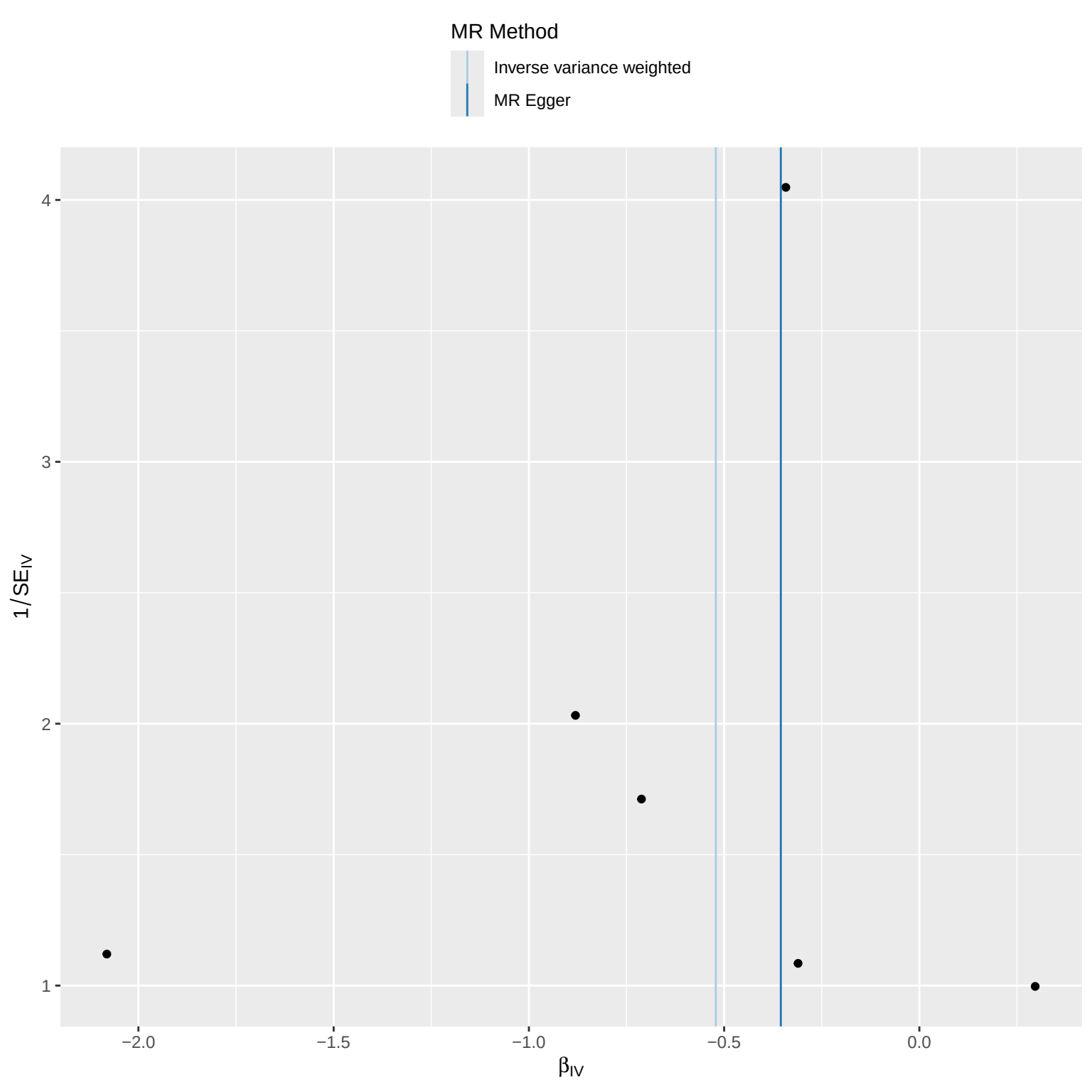

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

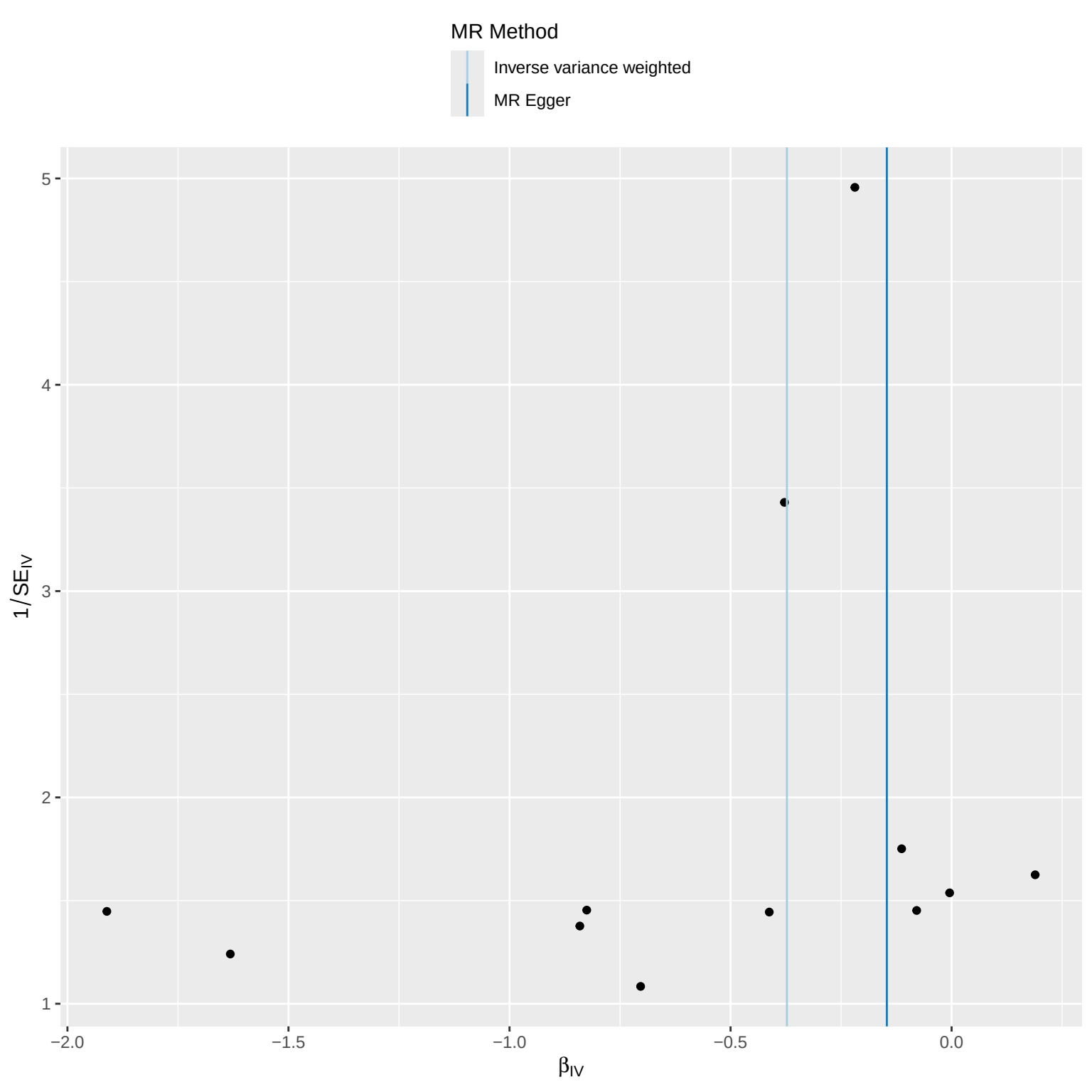

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

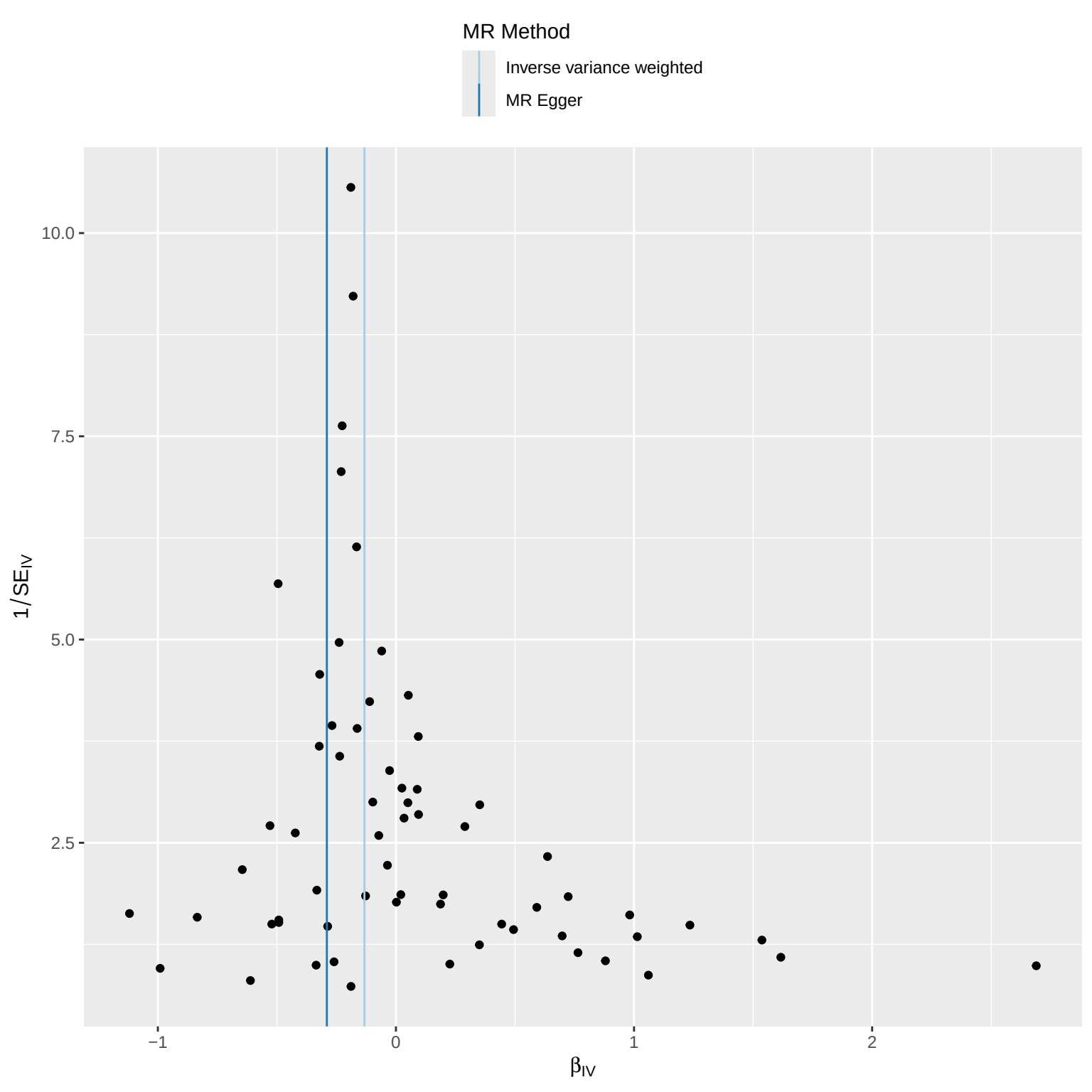

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
1/SE_IV
−0.4
−0.2
0.0
β_IV

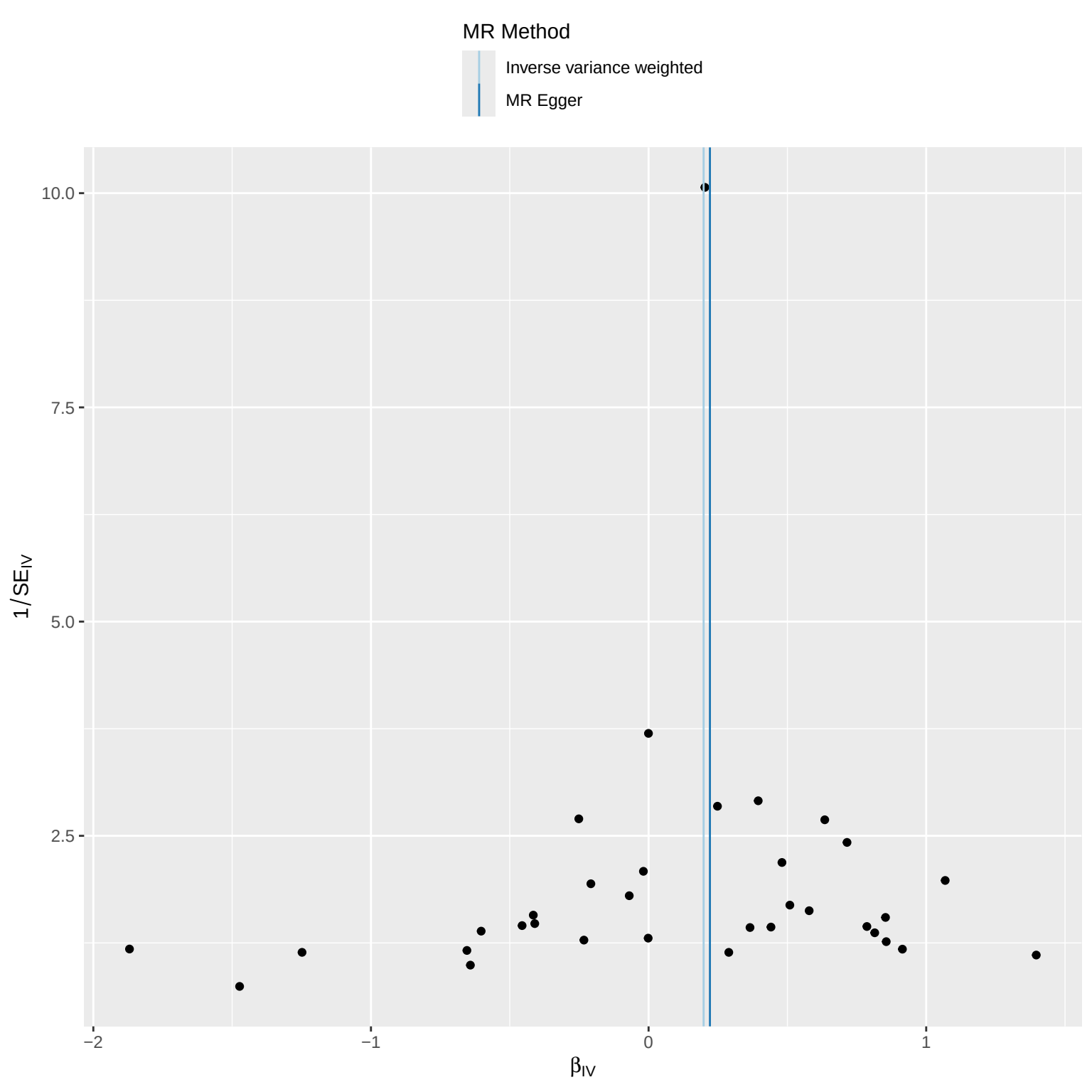

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

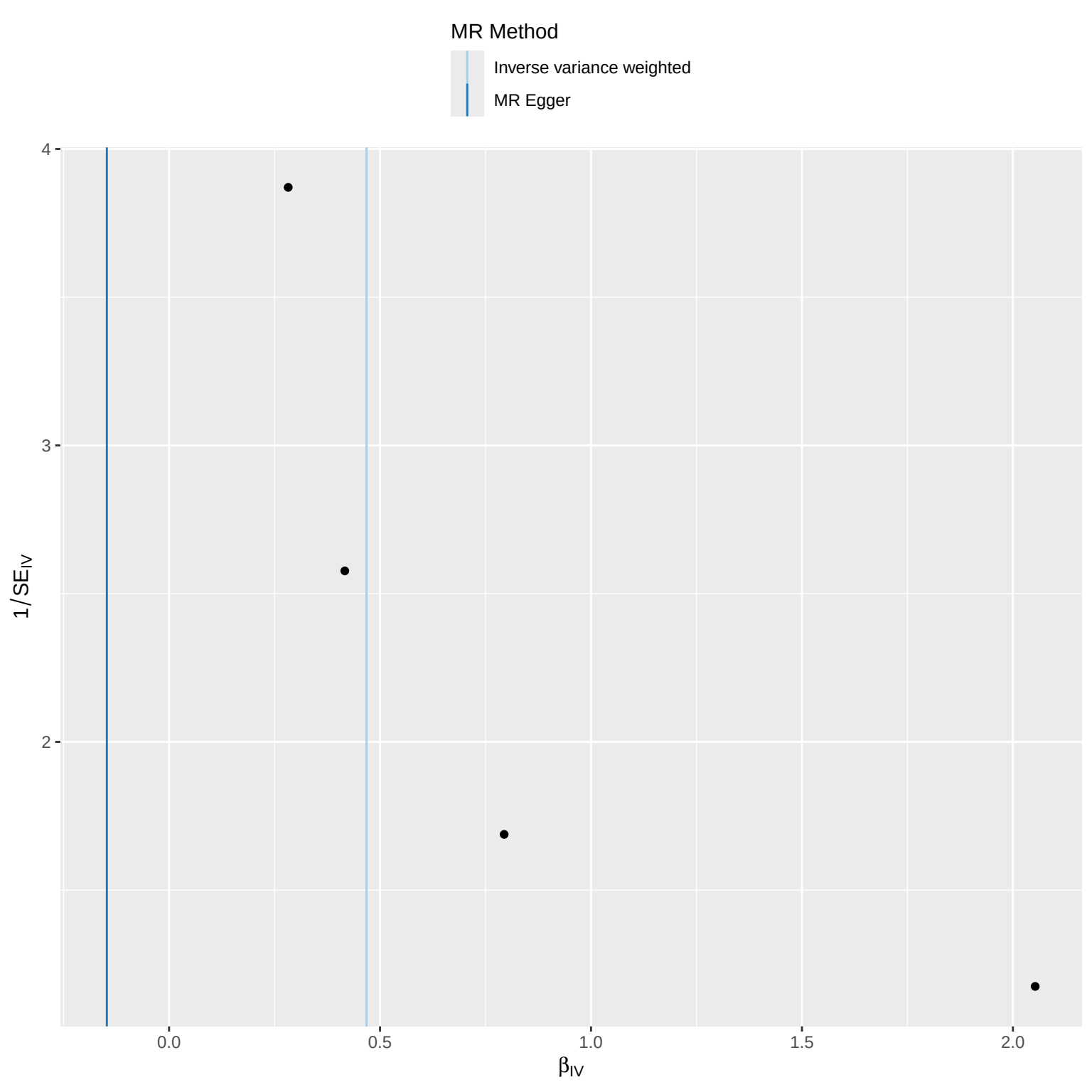

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1
0
1
2
β_IV

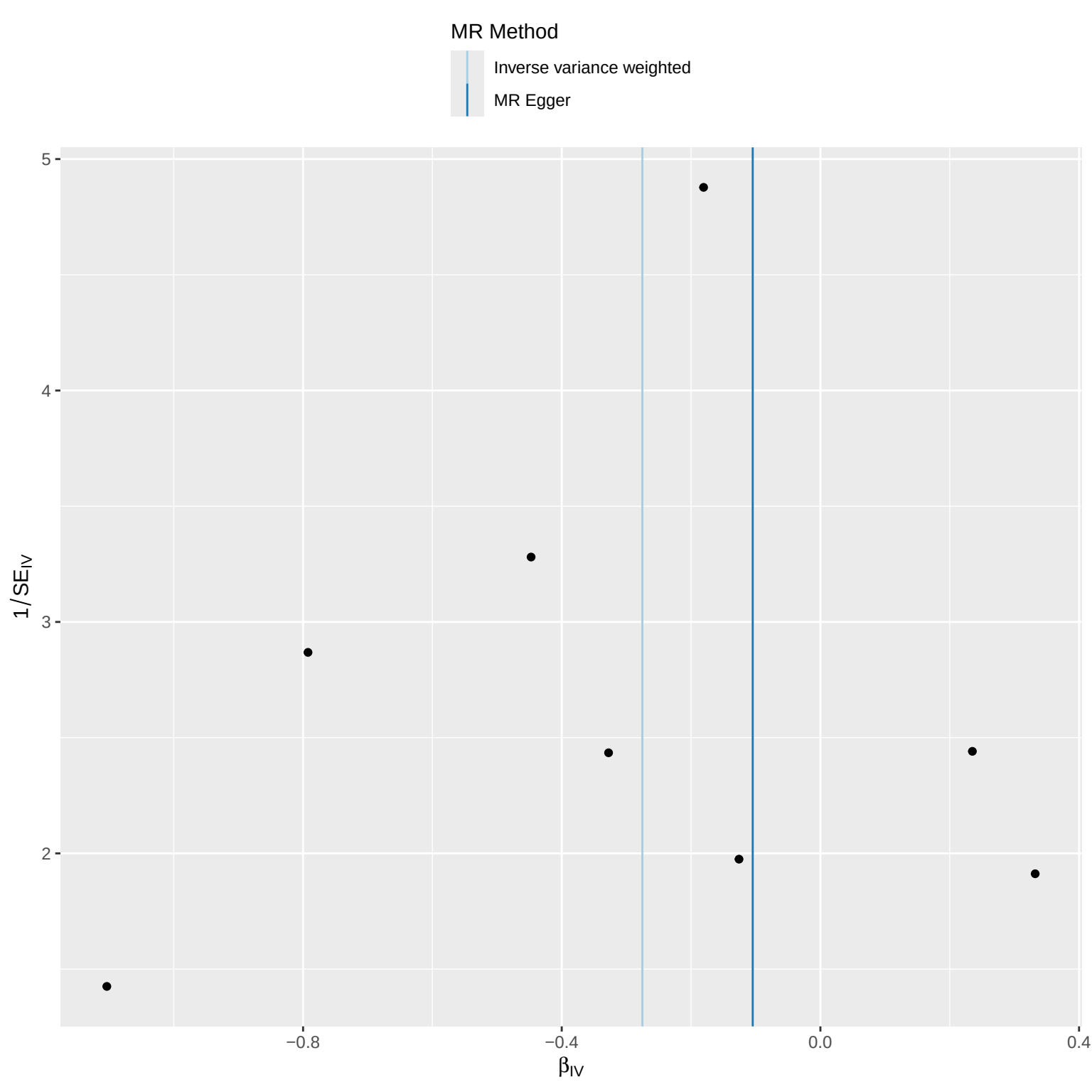

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

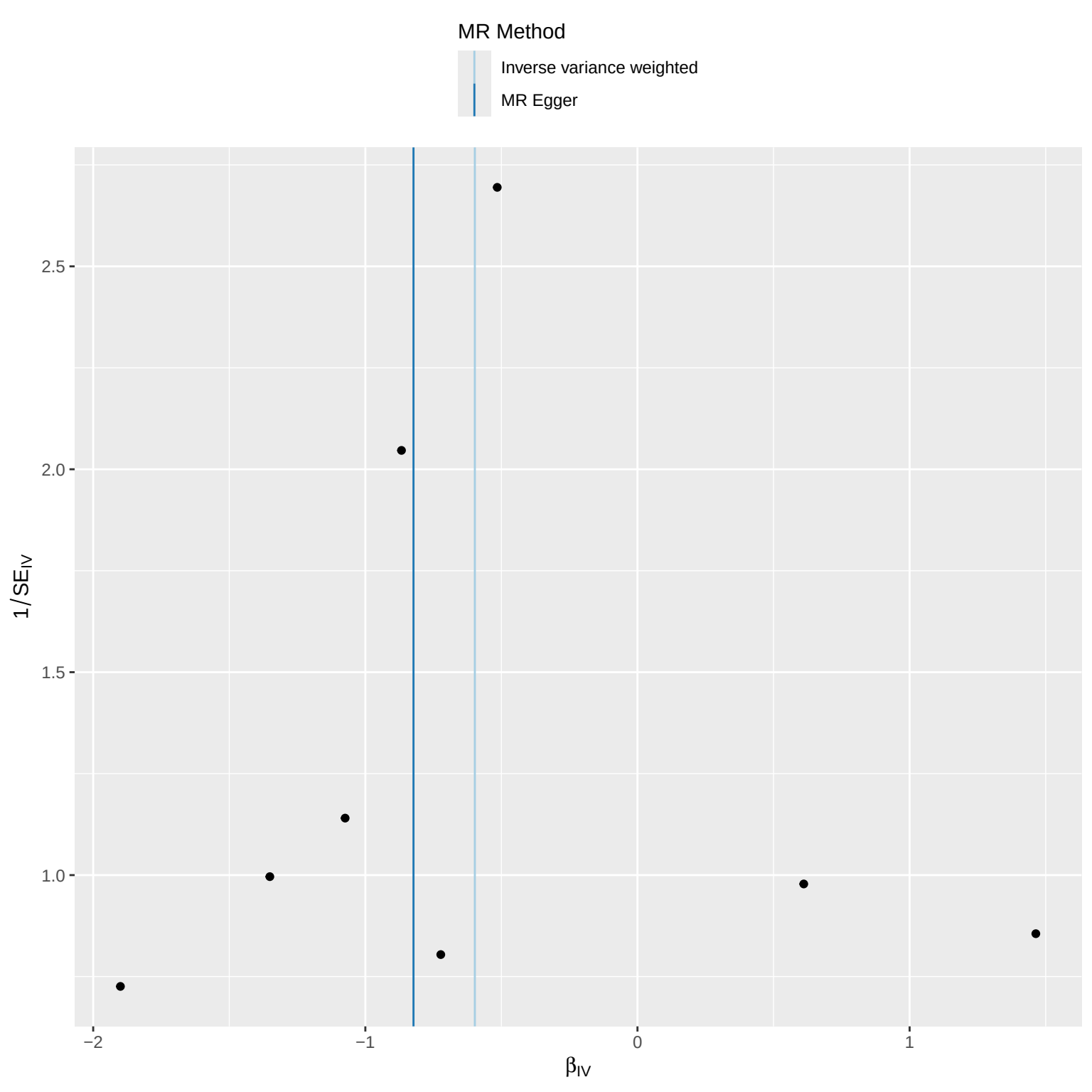

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

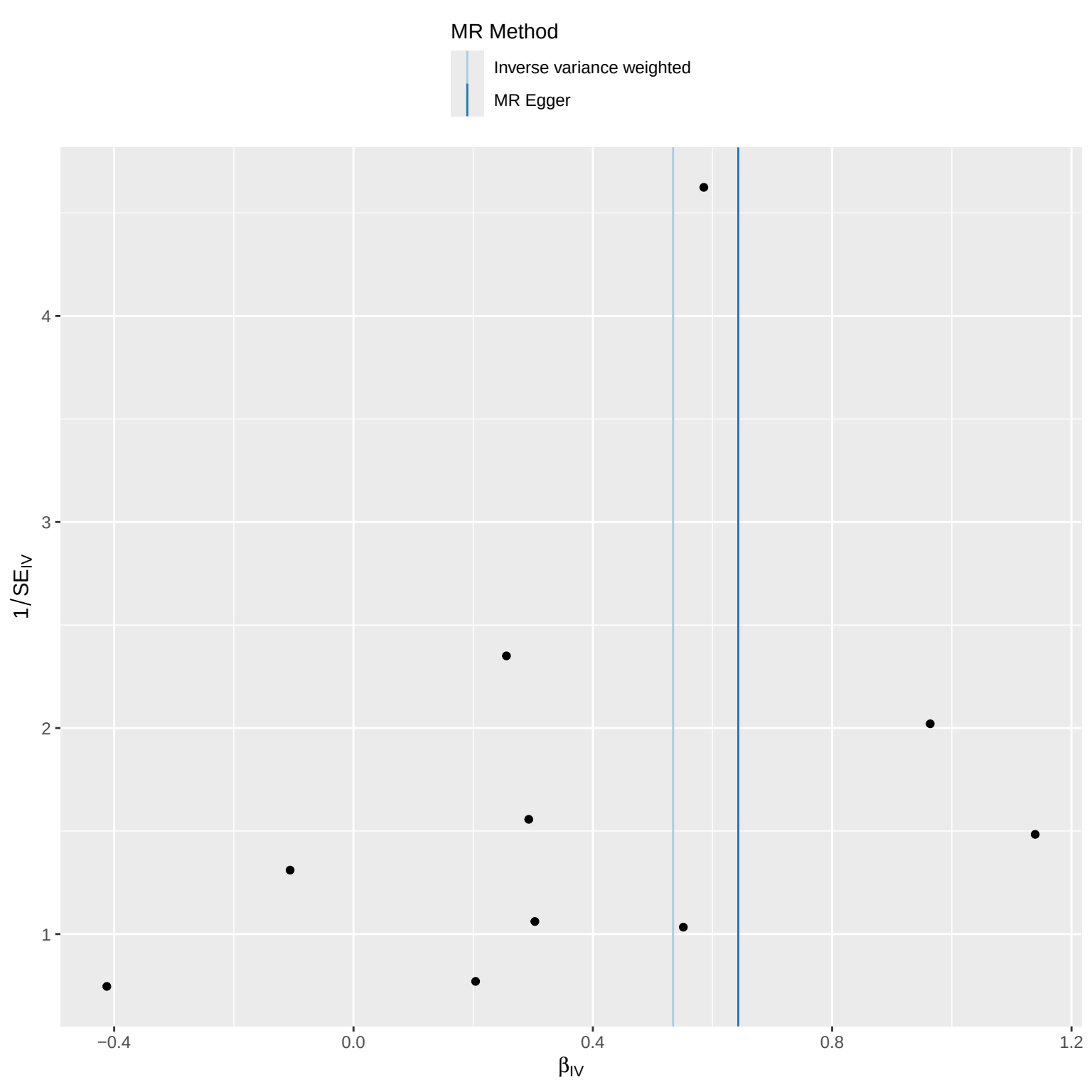

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

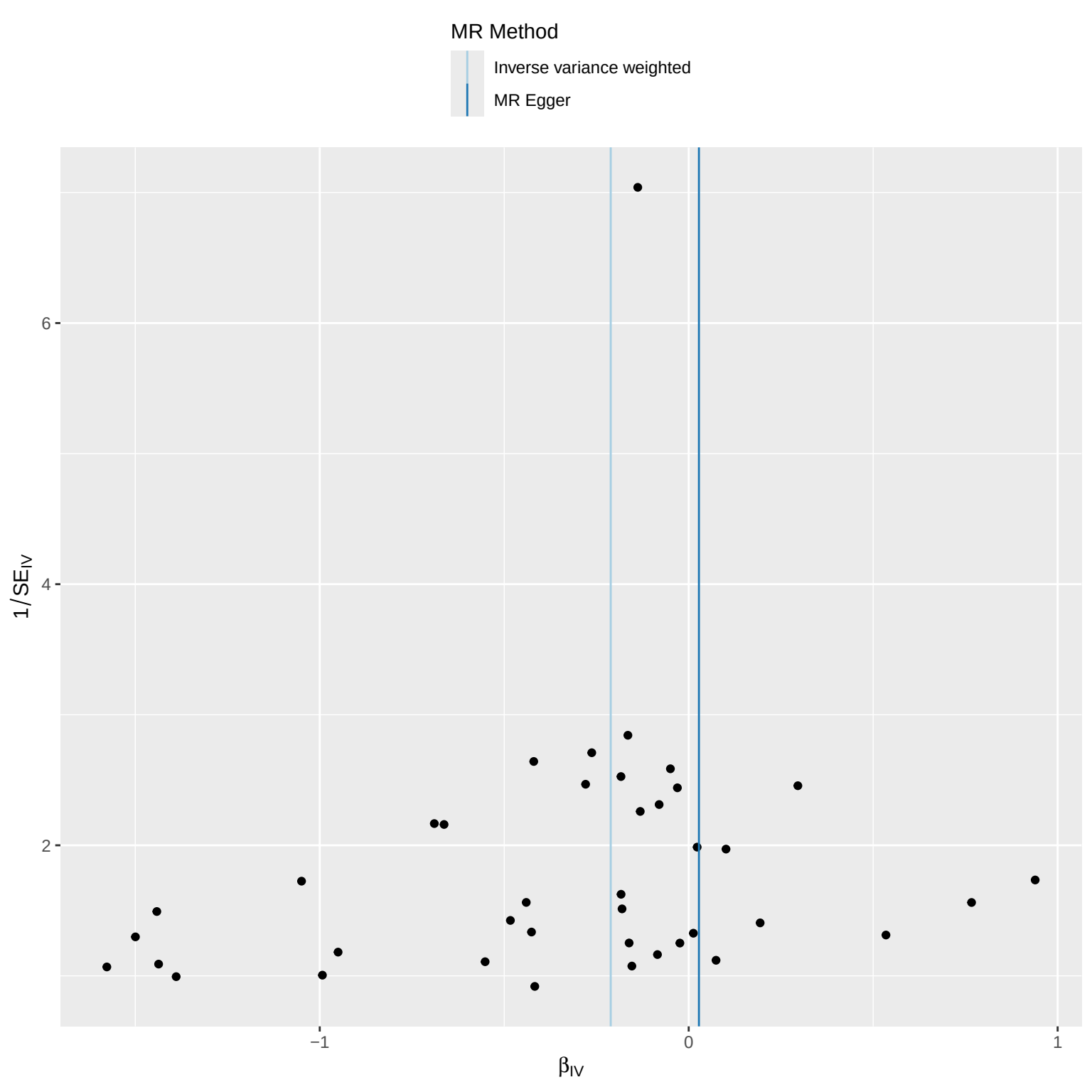

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

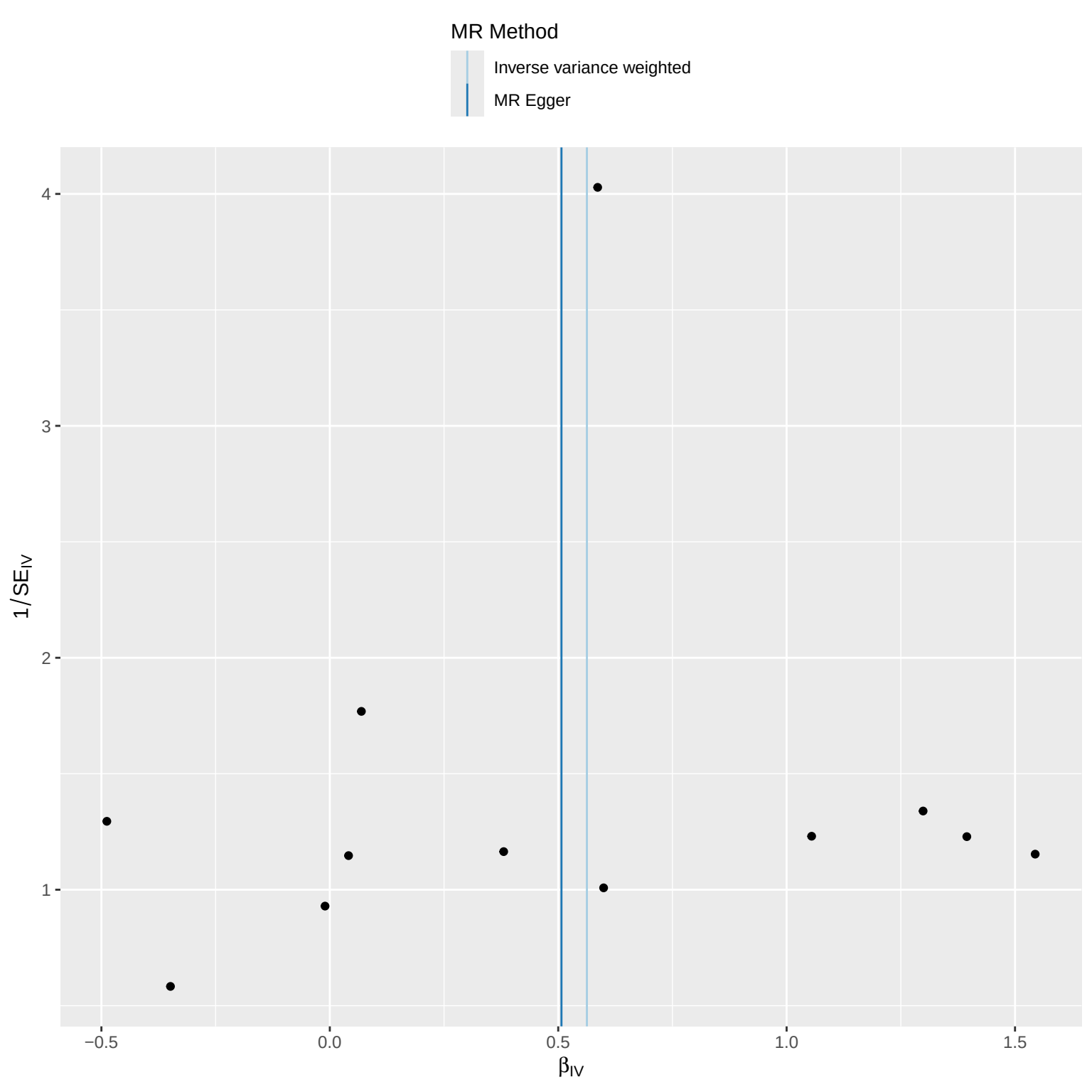

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

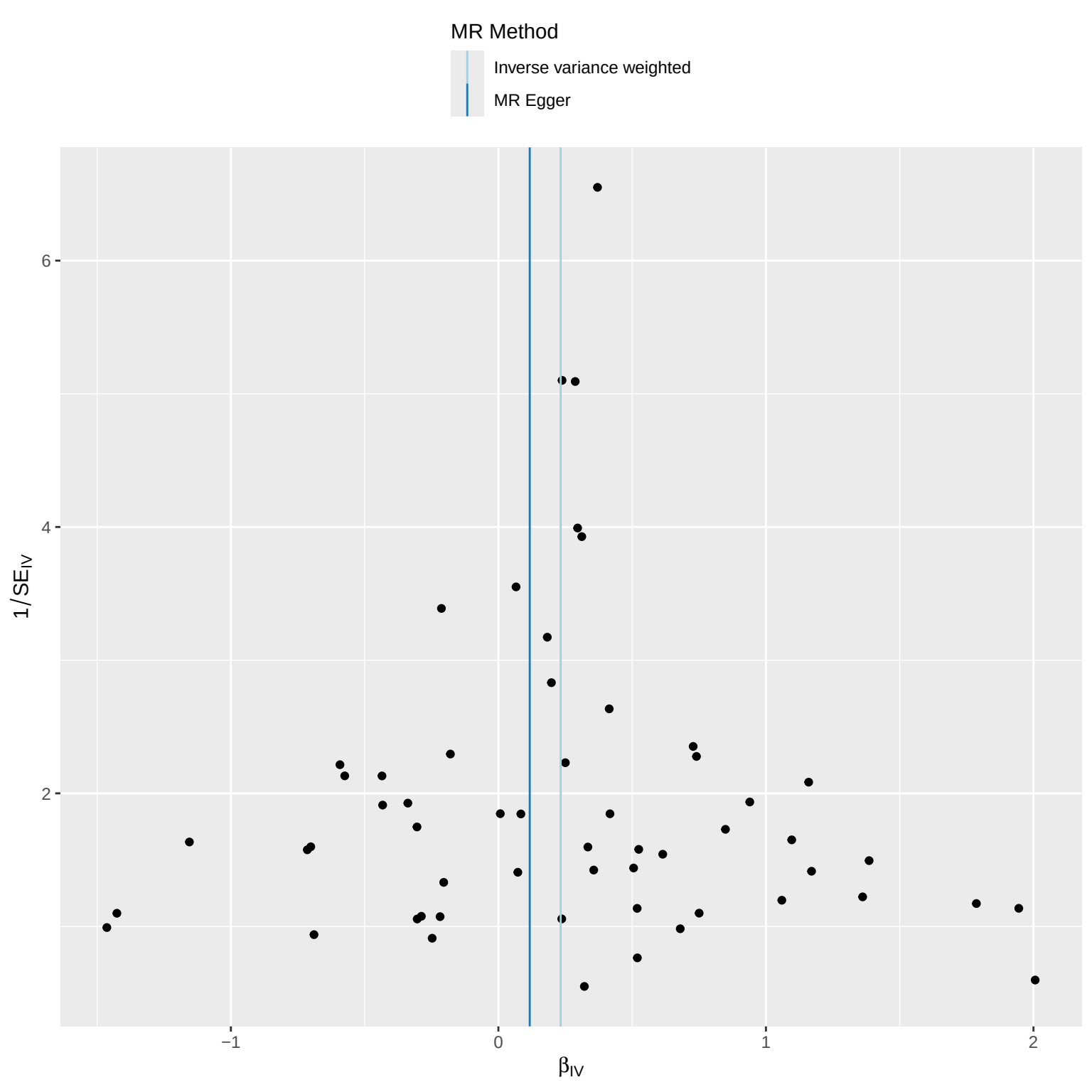

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

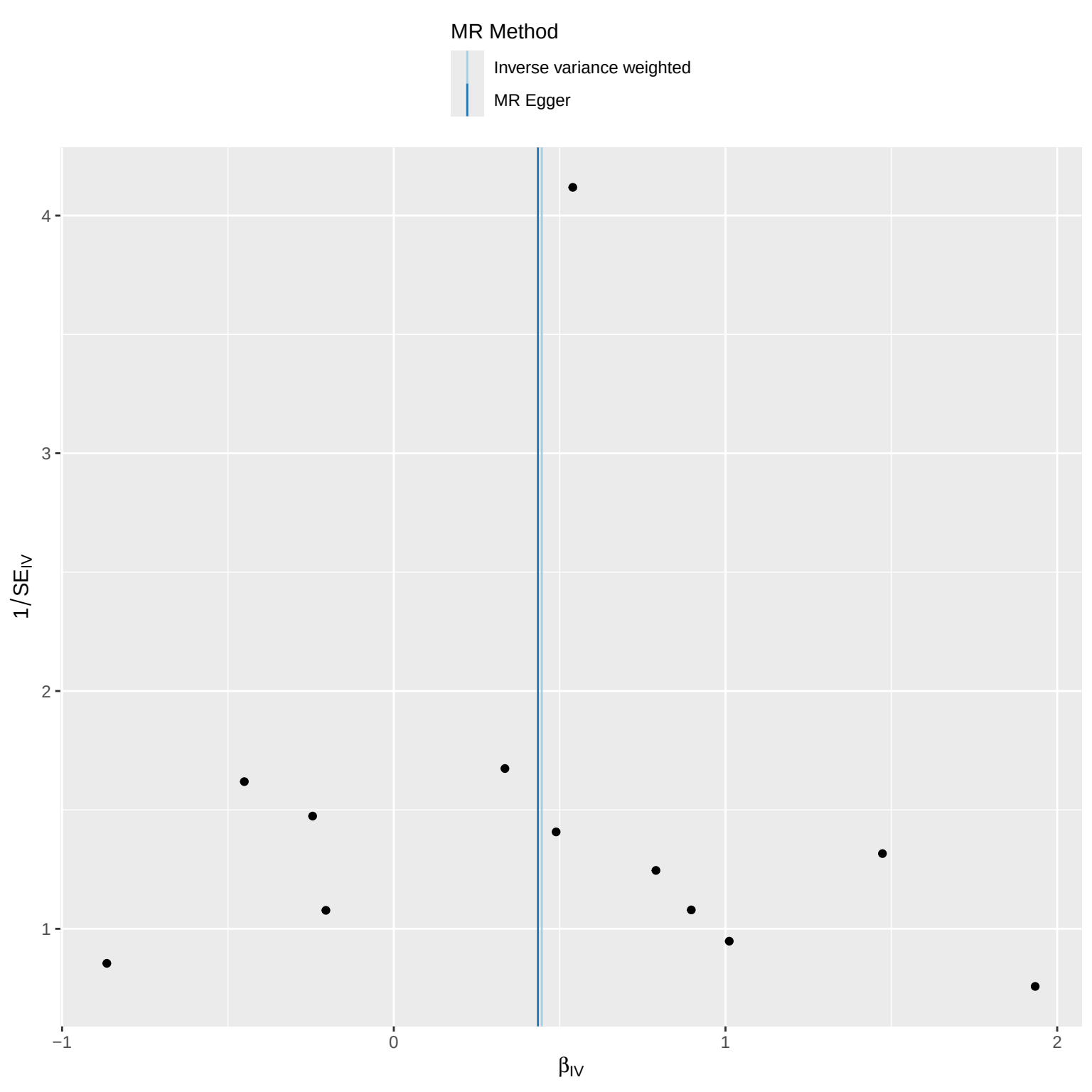

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

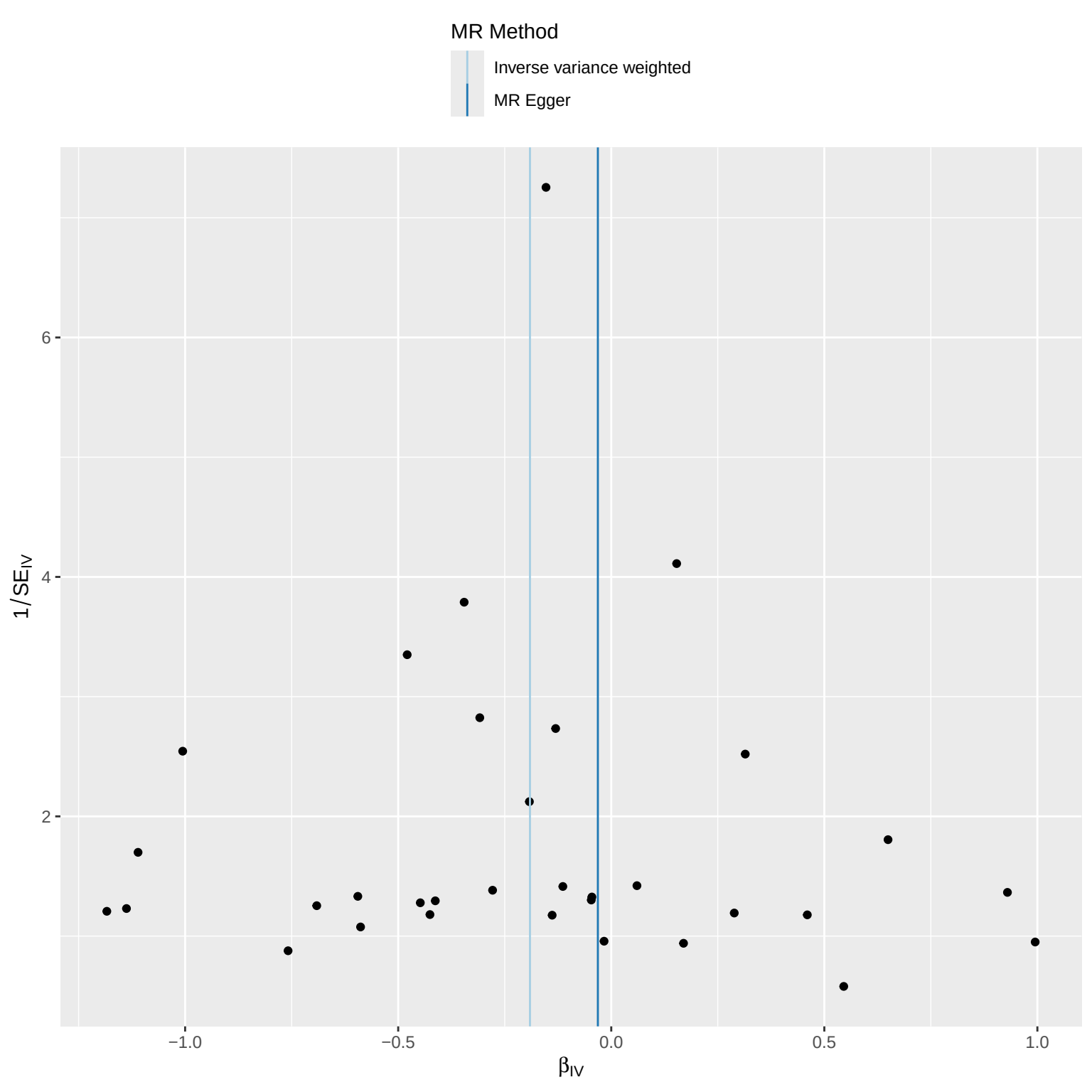

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.4
0.0
0.4
0.8
1.2
β_IV

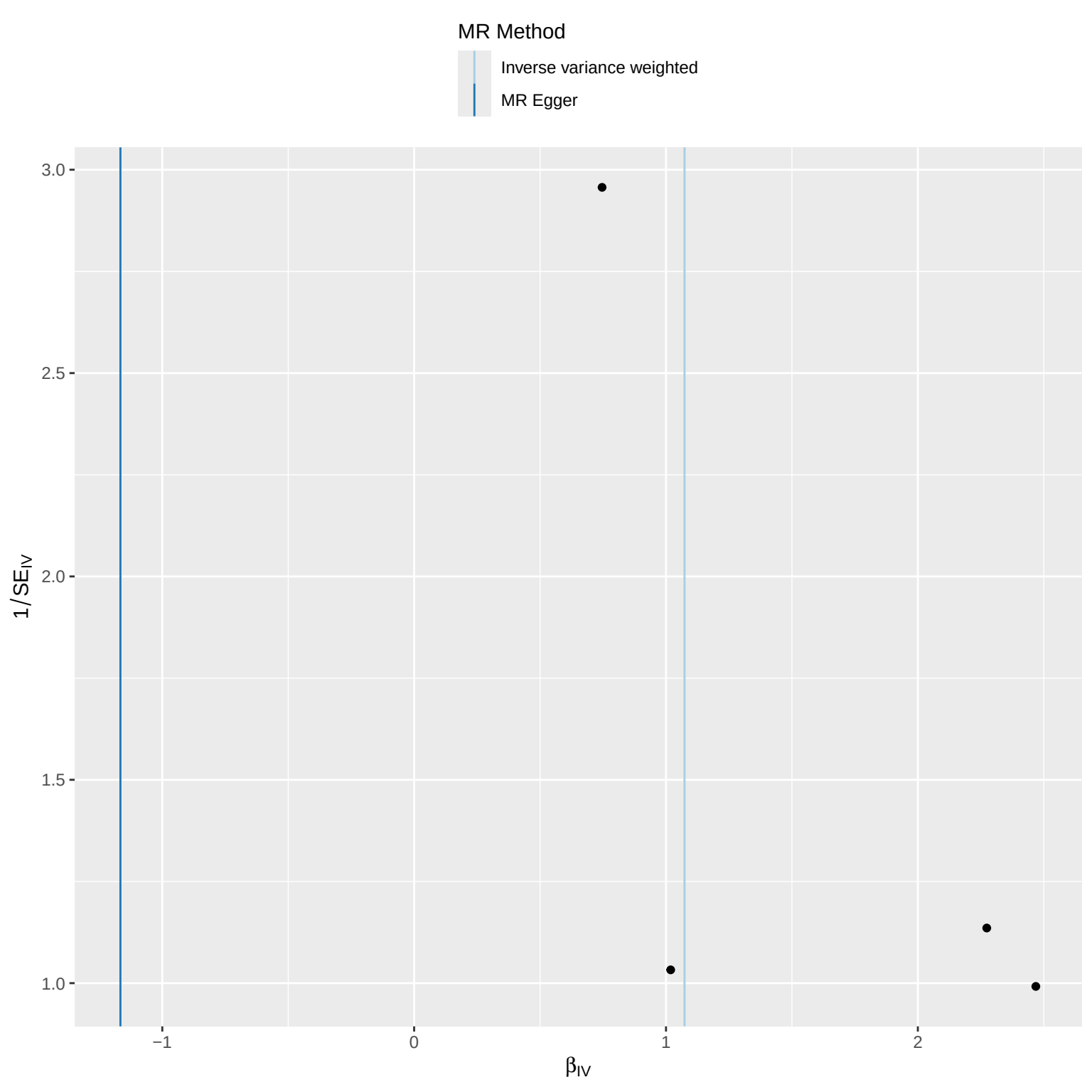

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

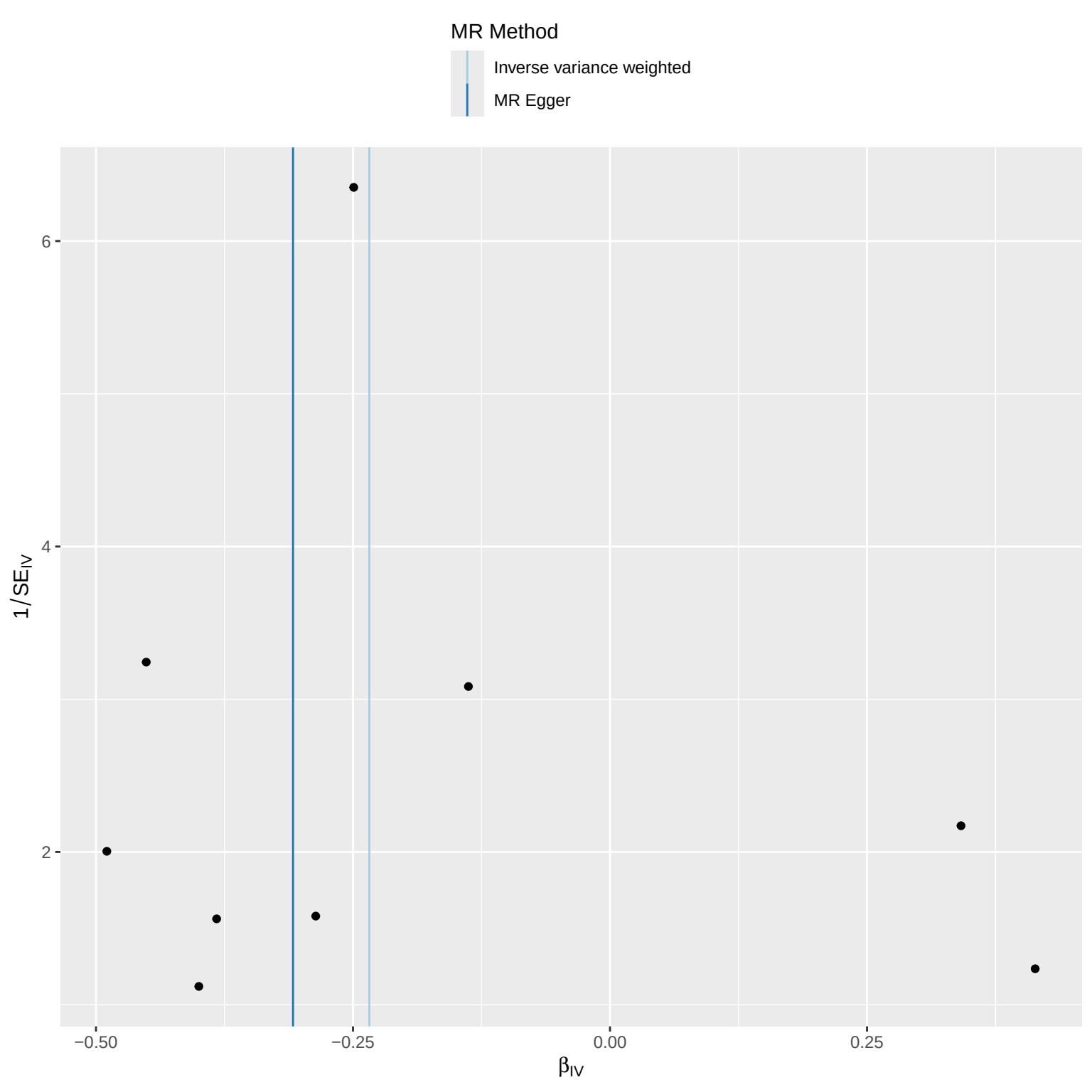

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

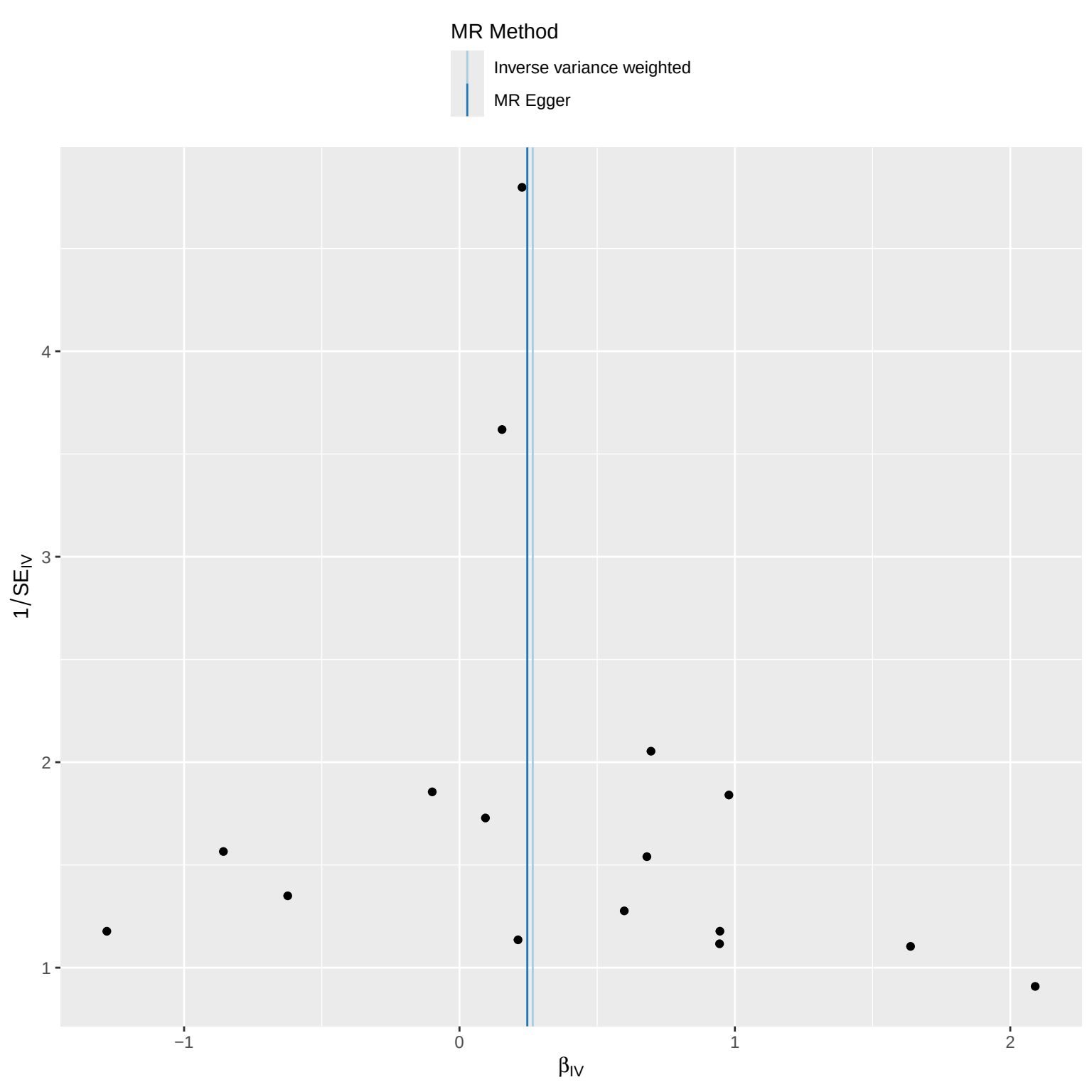

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

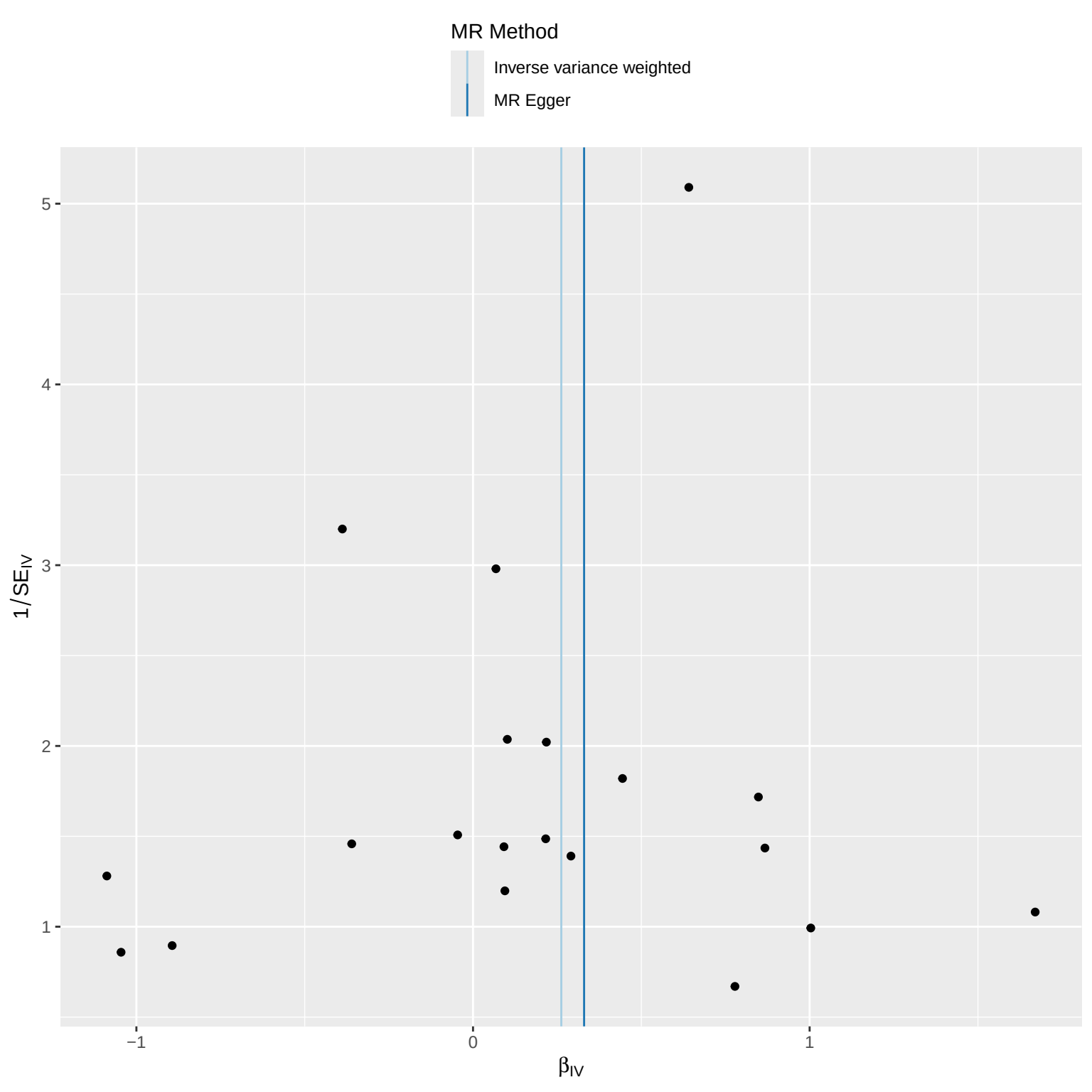

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

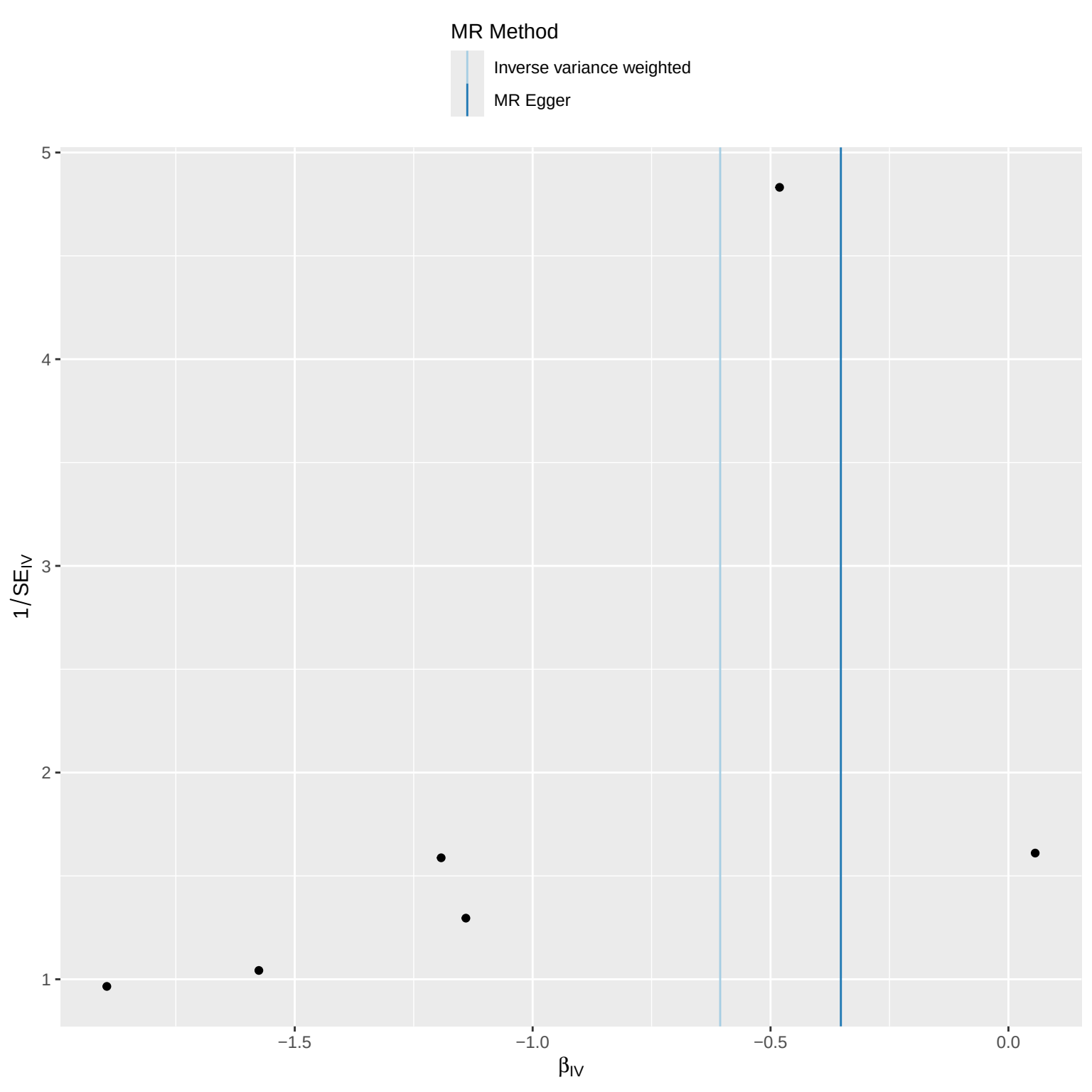

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

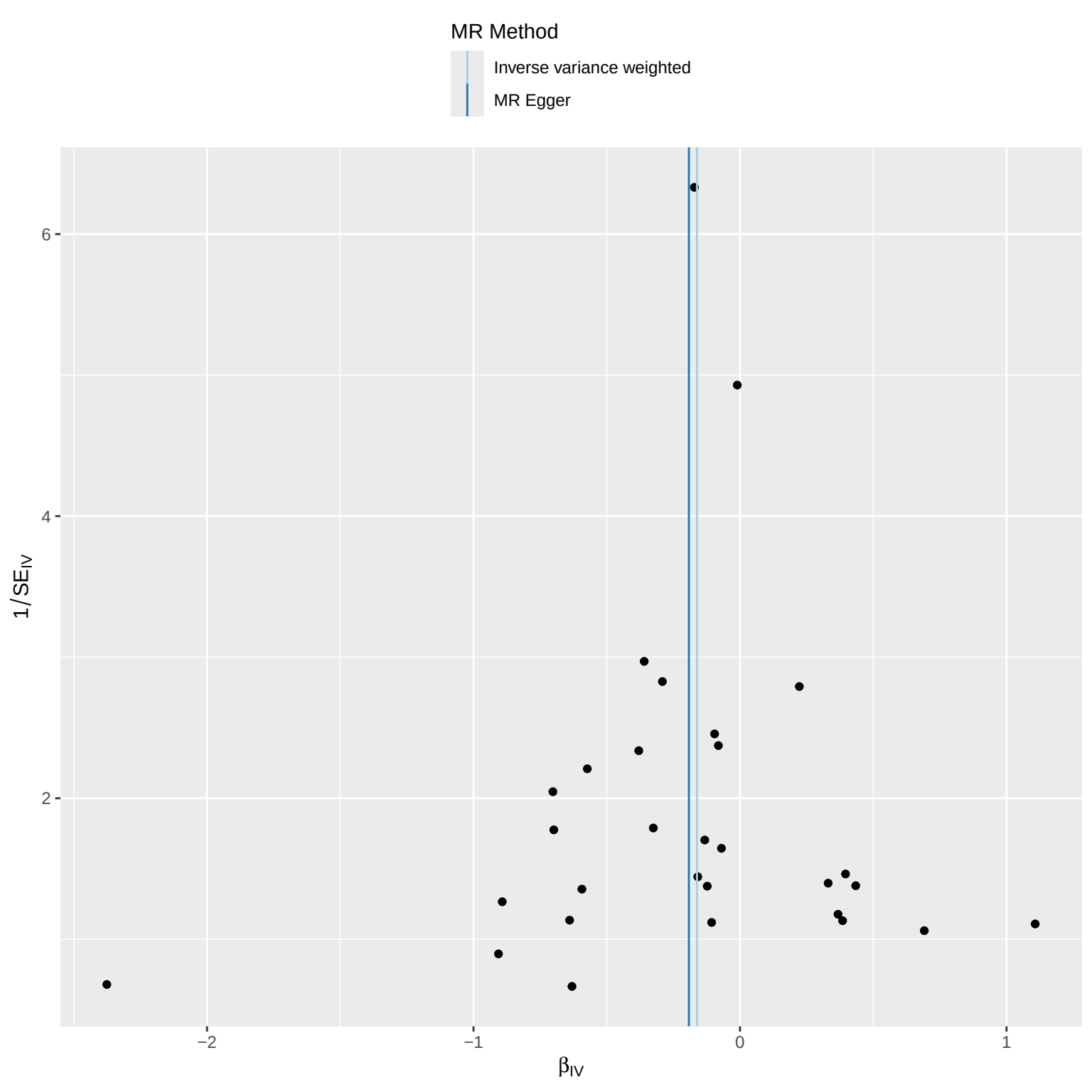

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

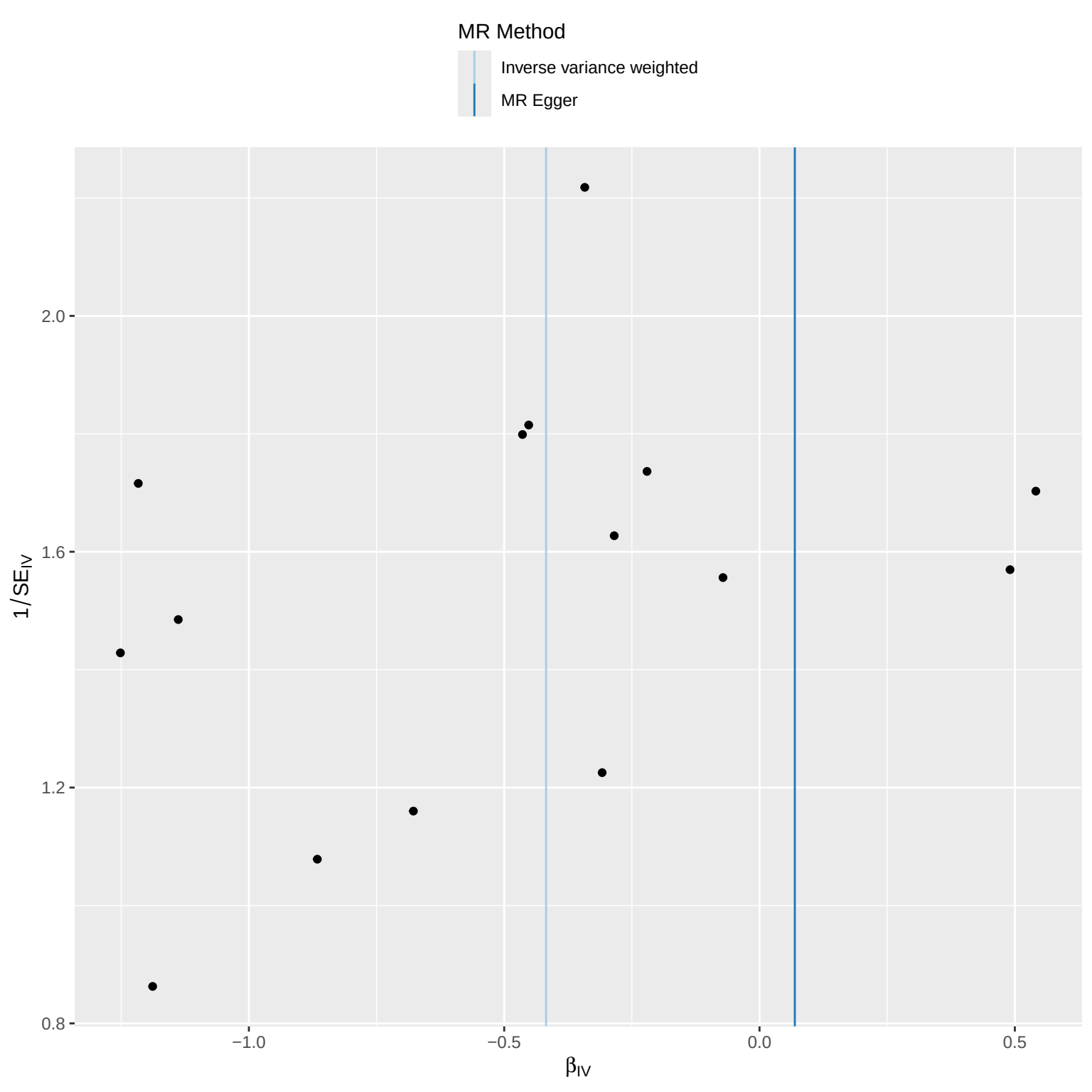

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

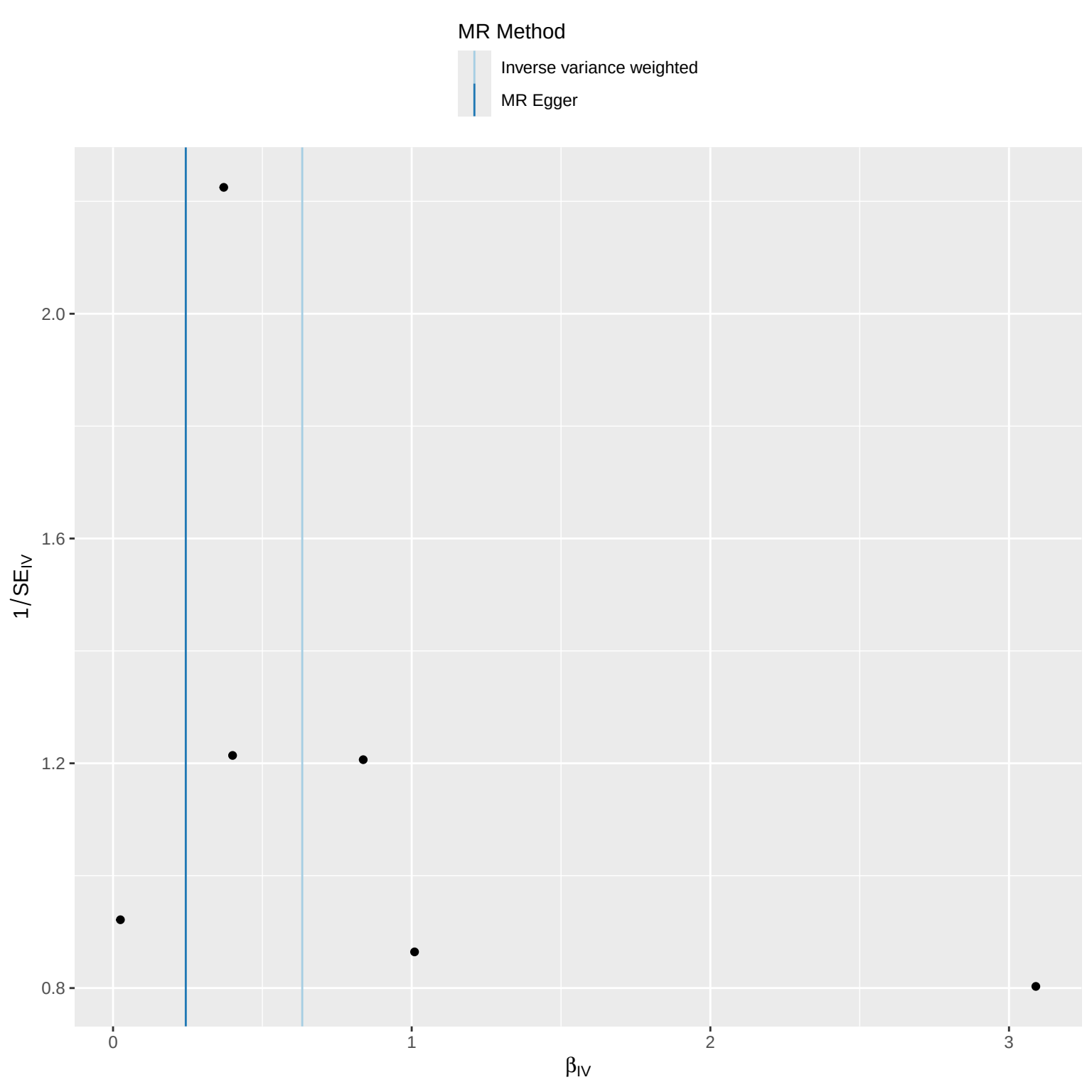

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

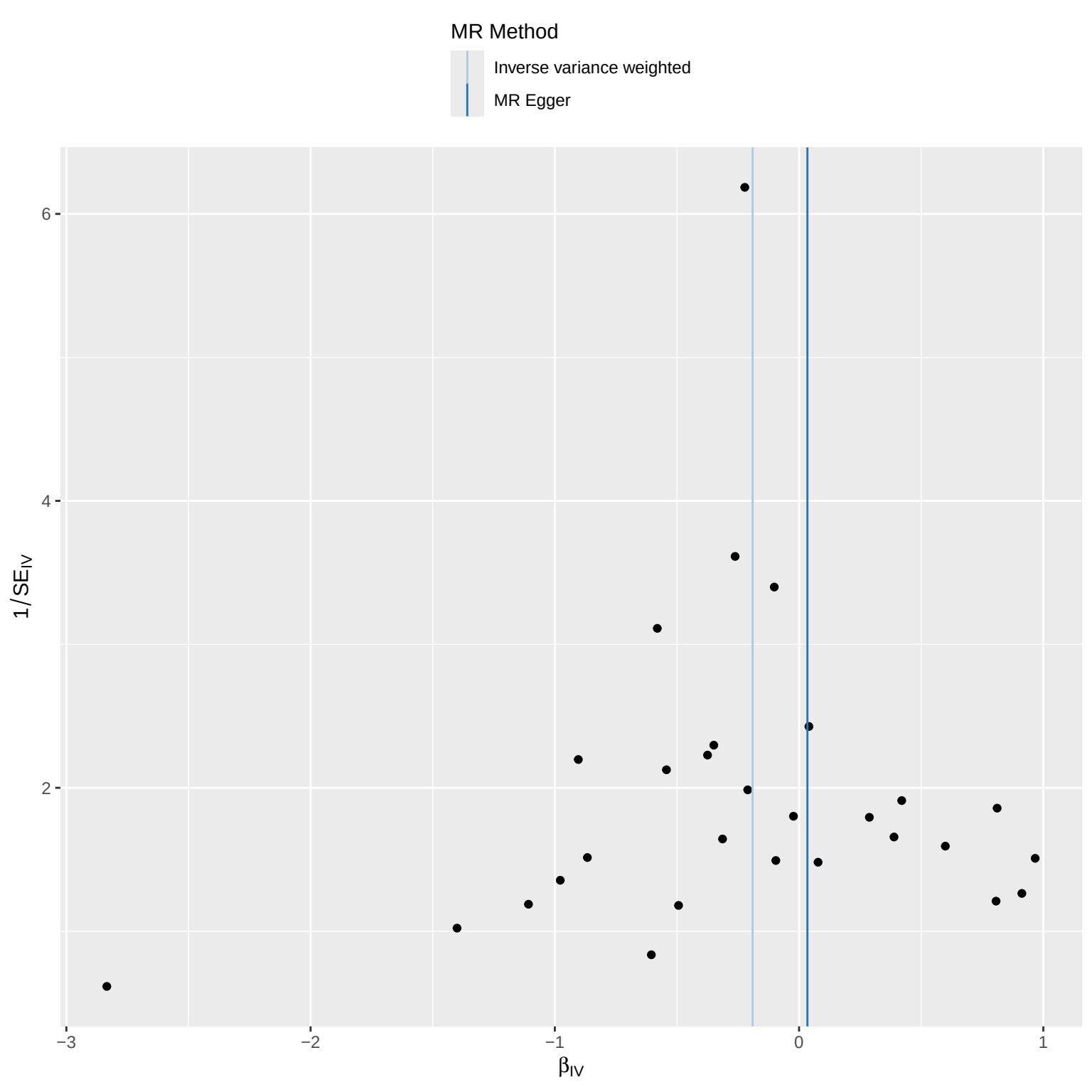

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

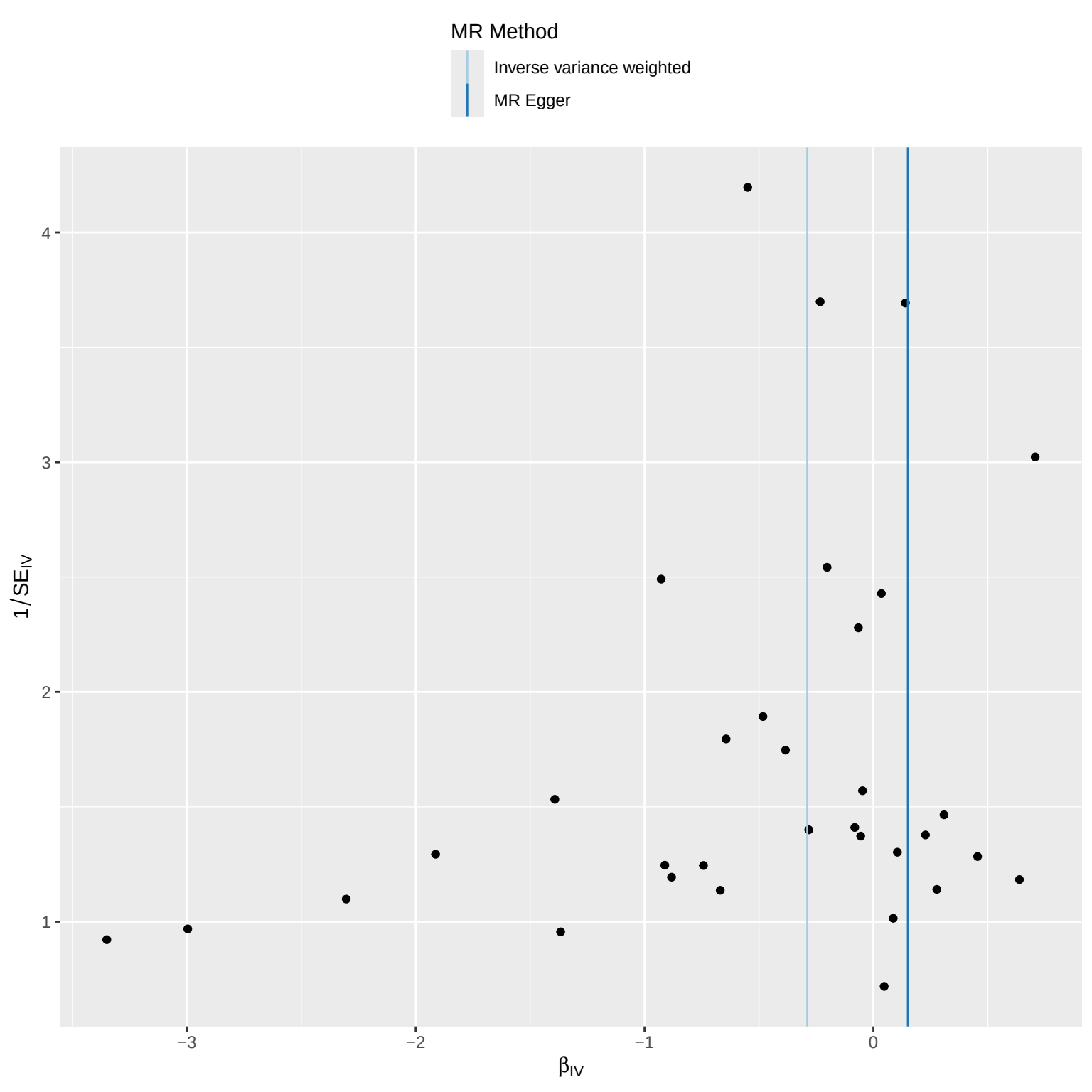

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

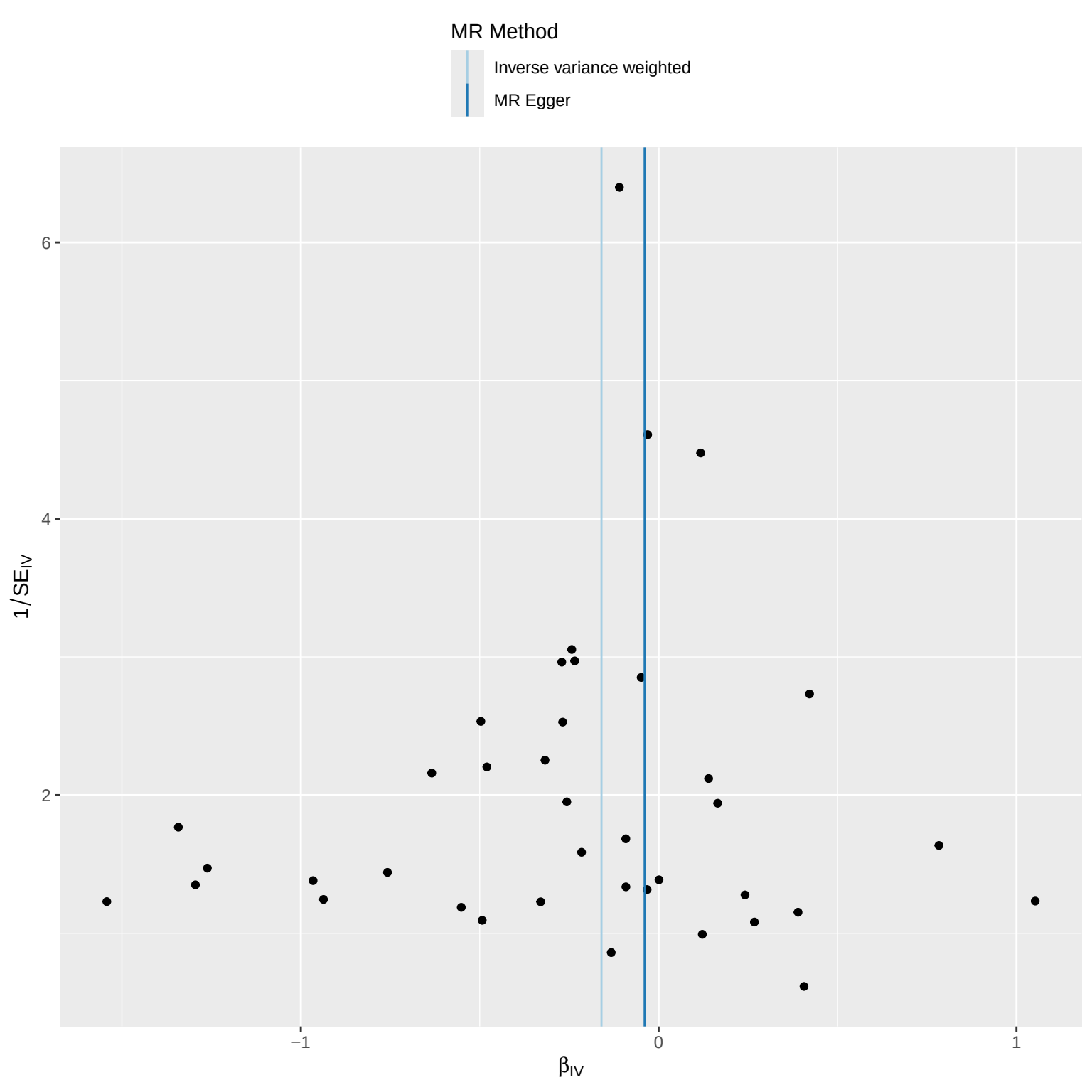

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

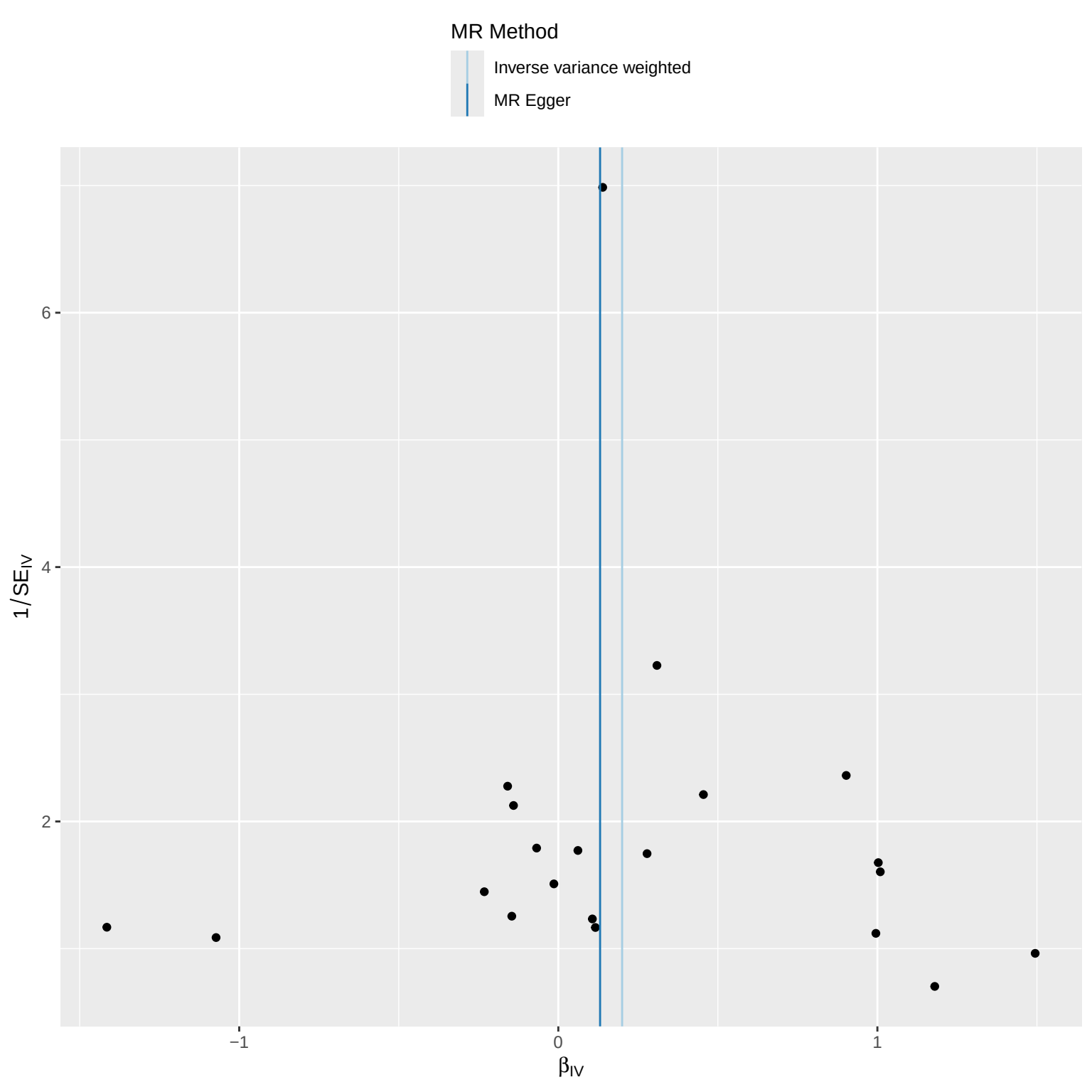

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

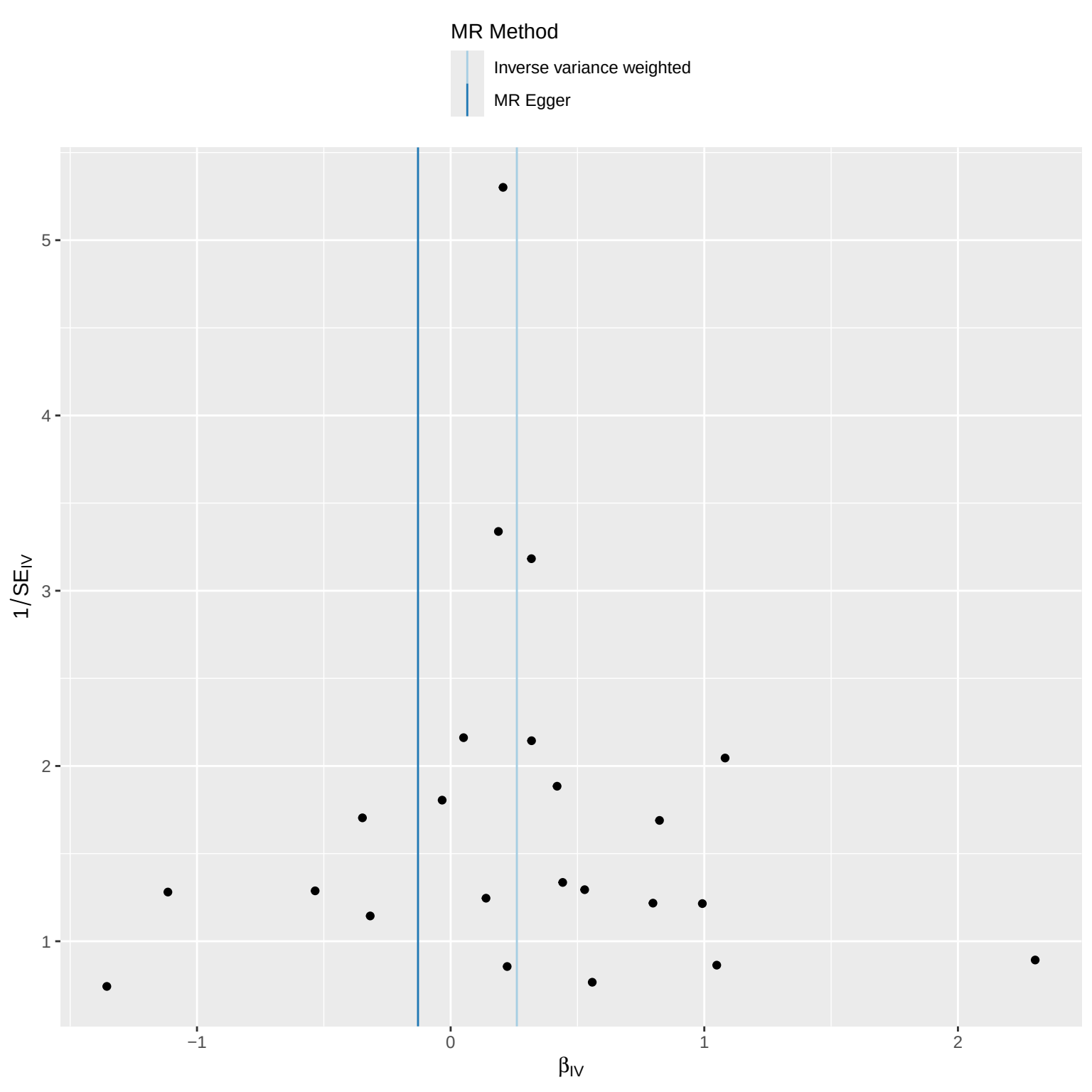

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
0
1
2
3
β_IV

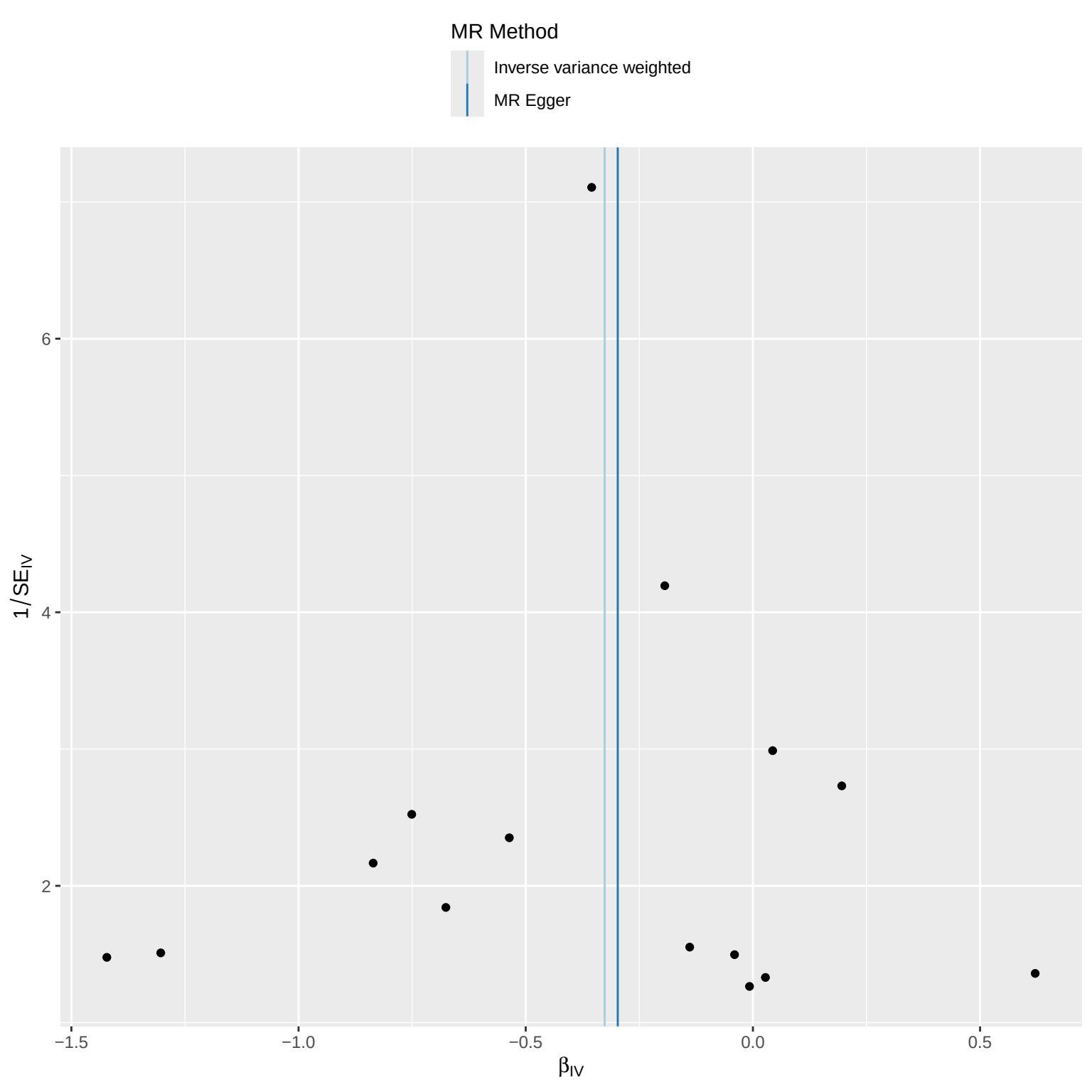

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

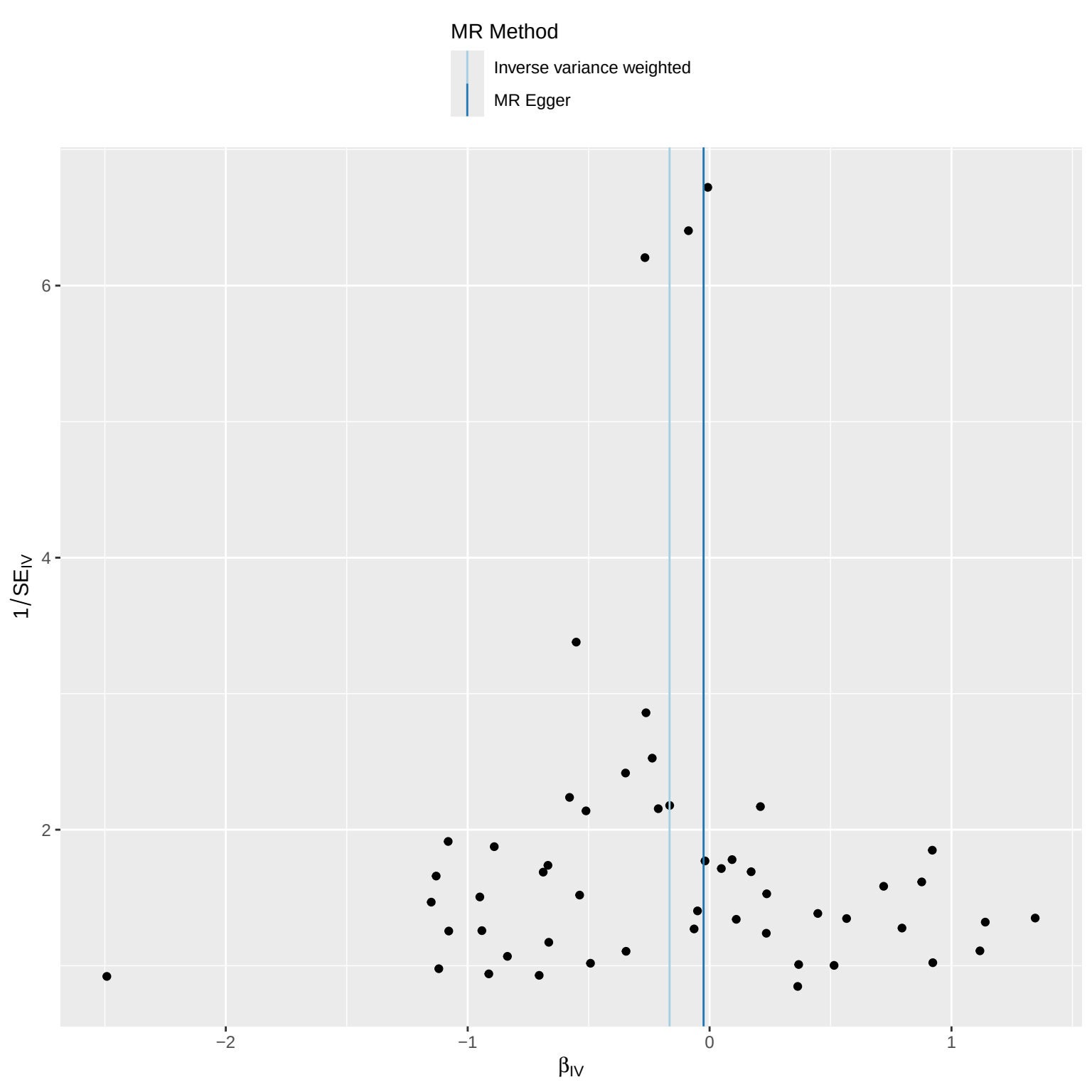

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

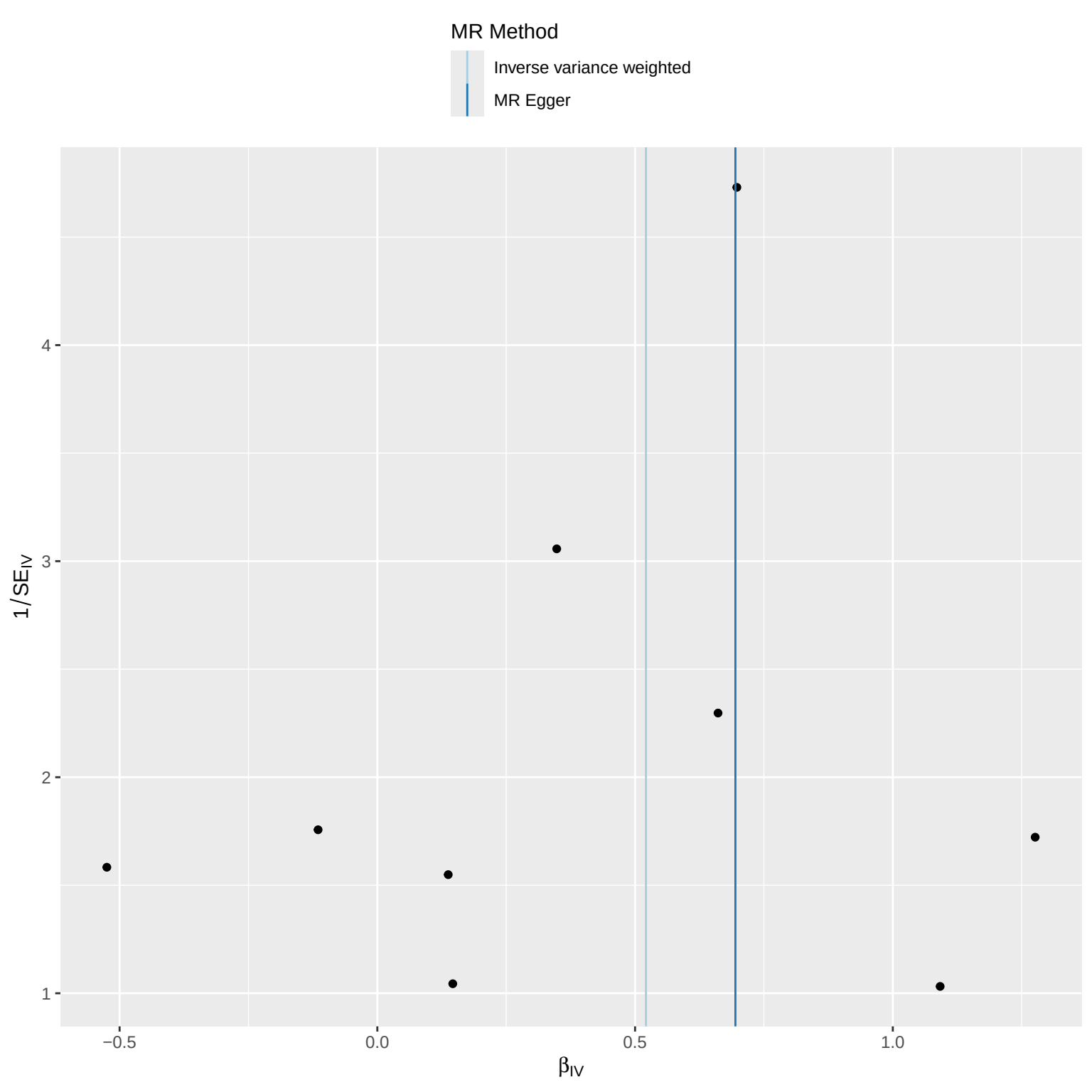

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

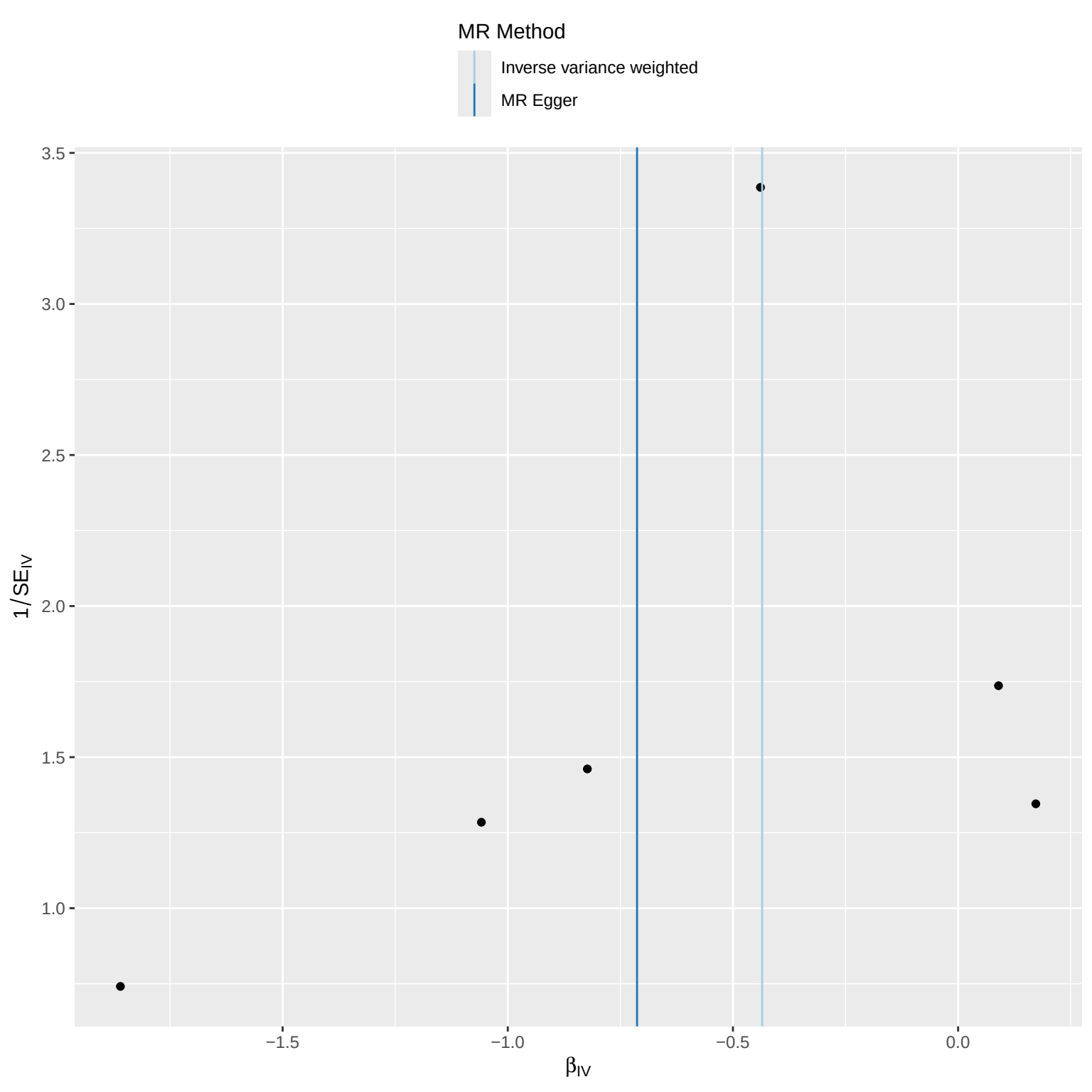

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

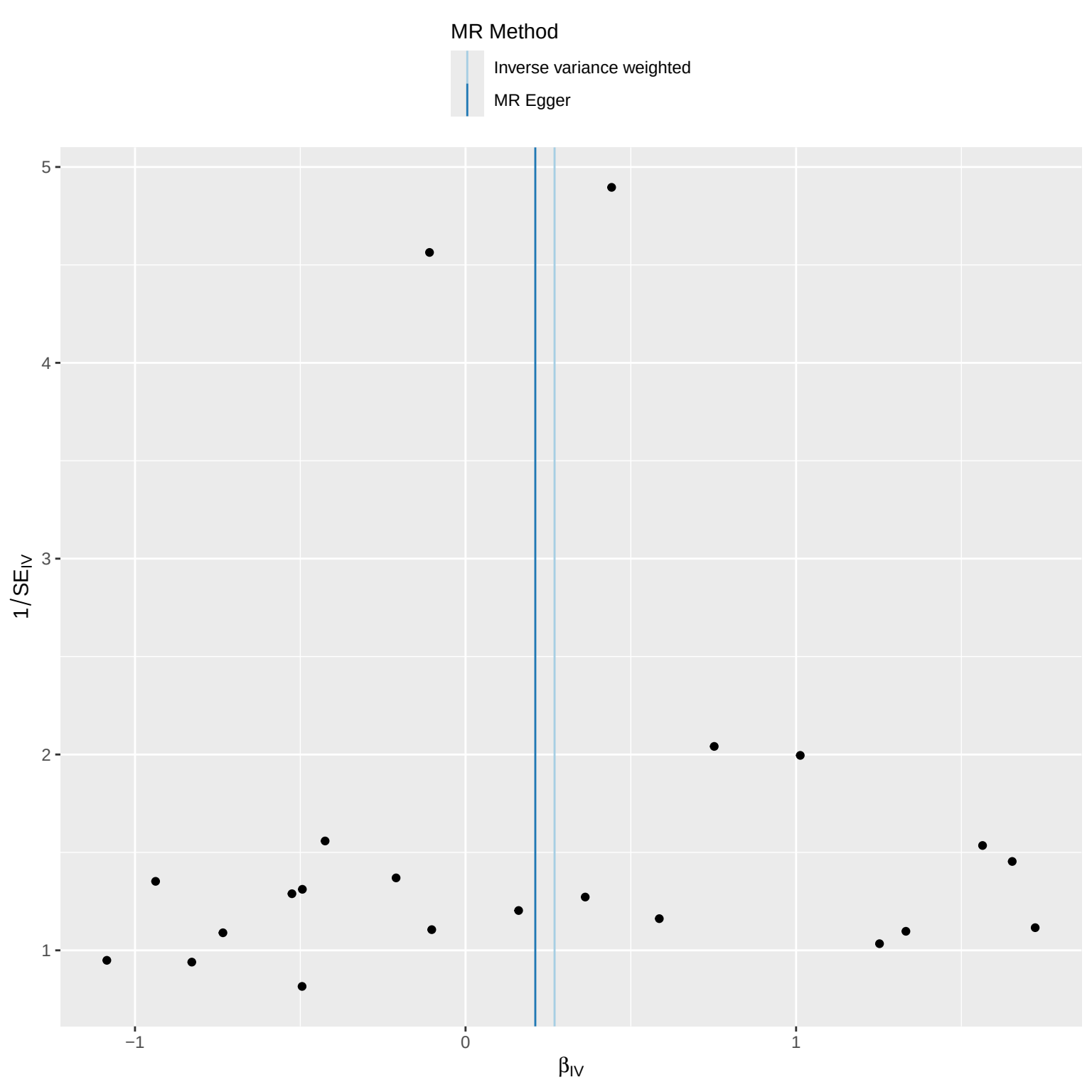

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

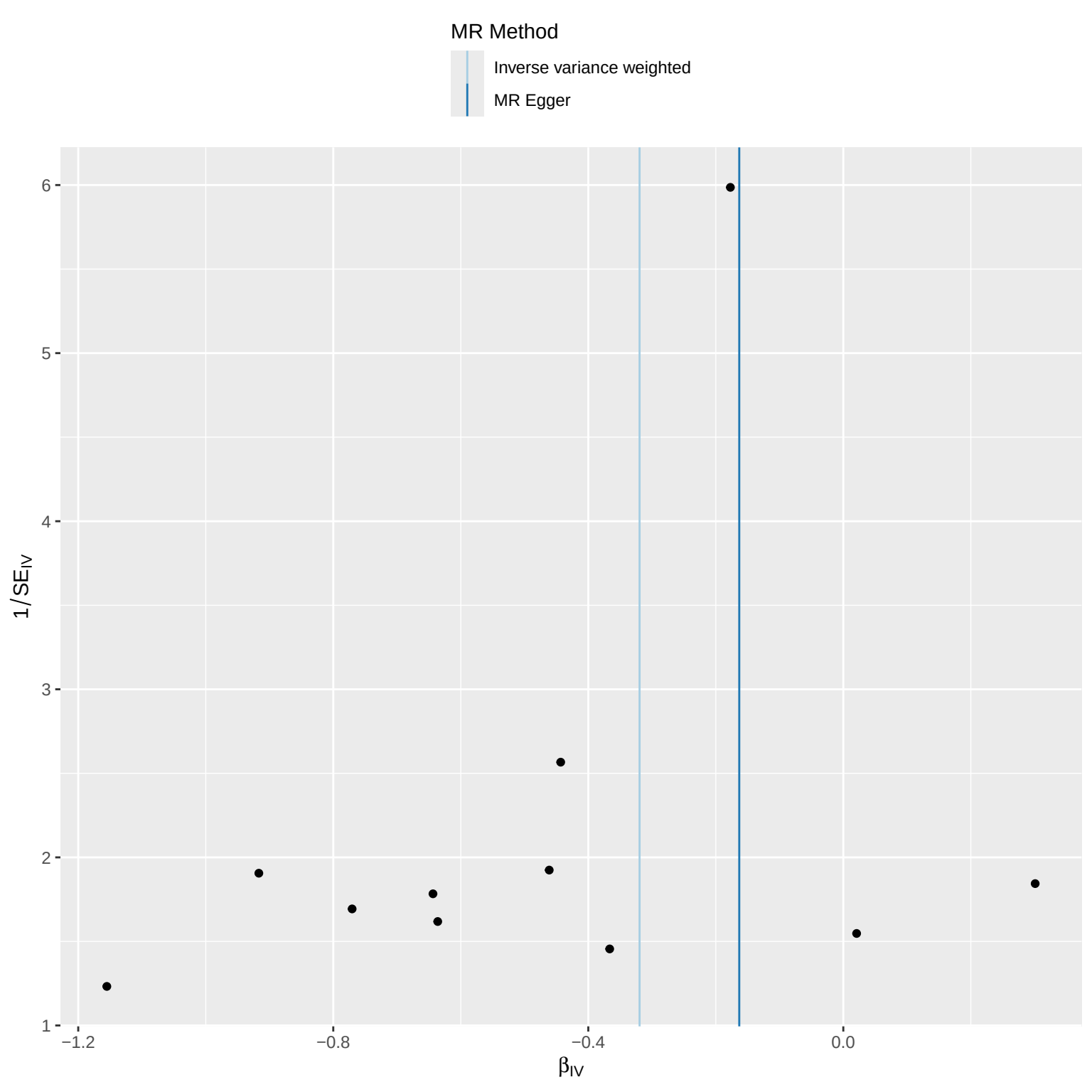

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

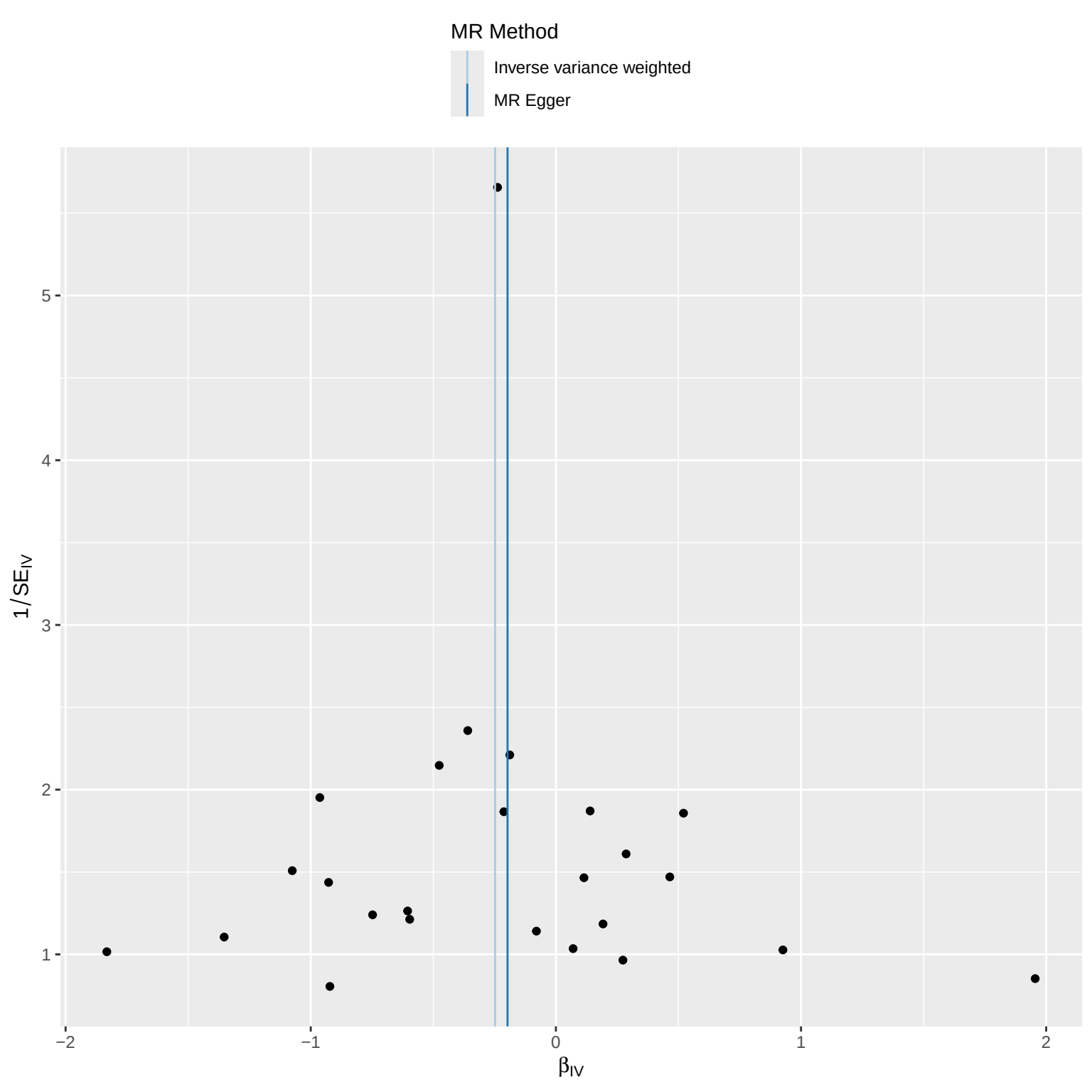

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

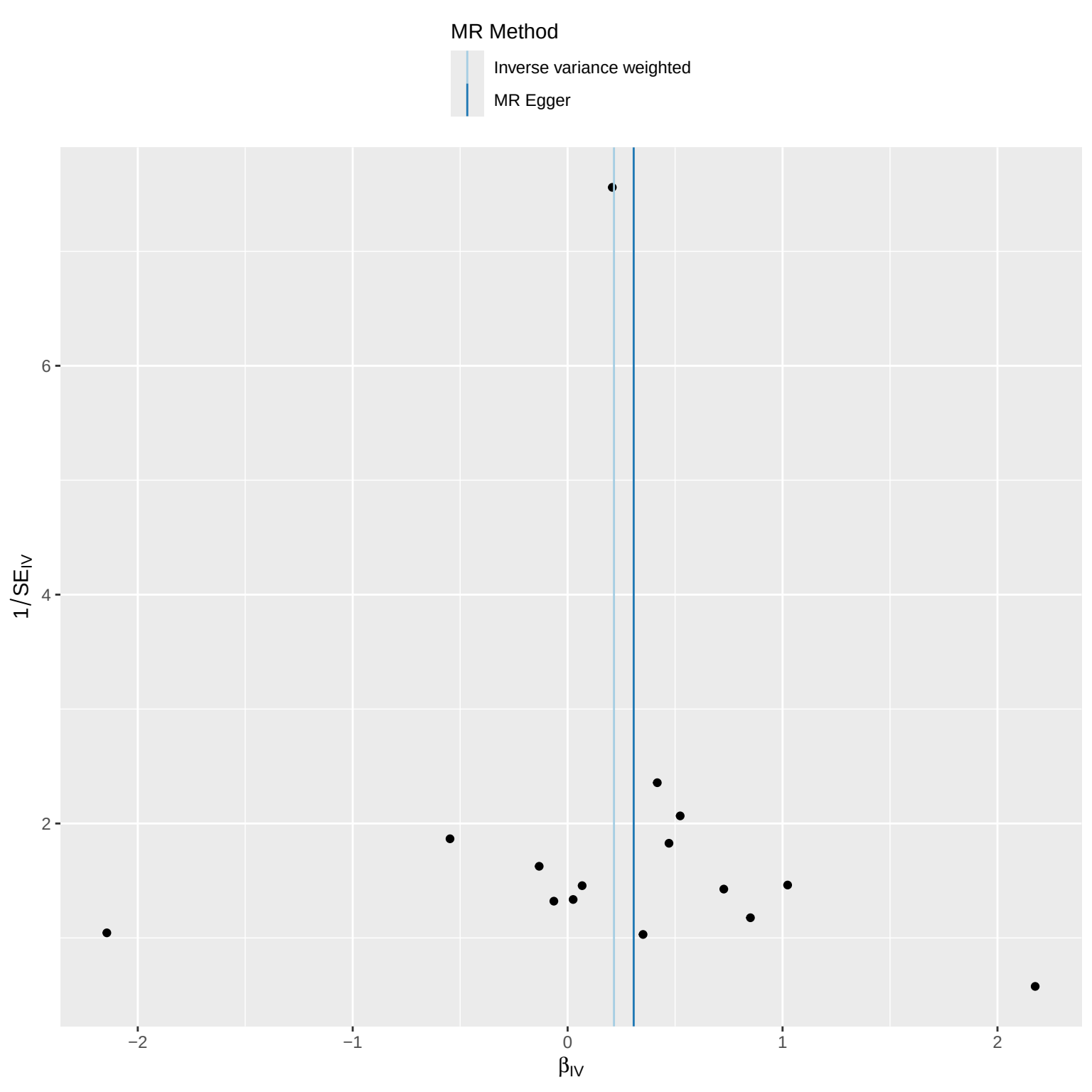

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

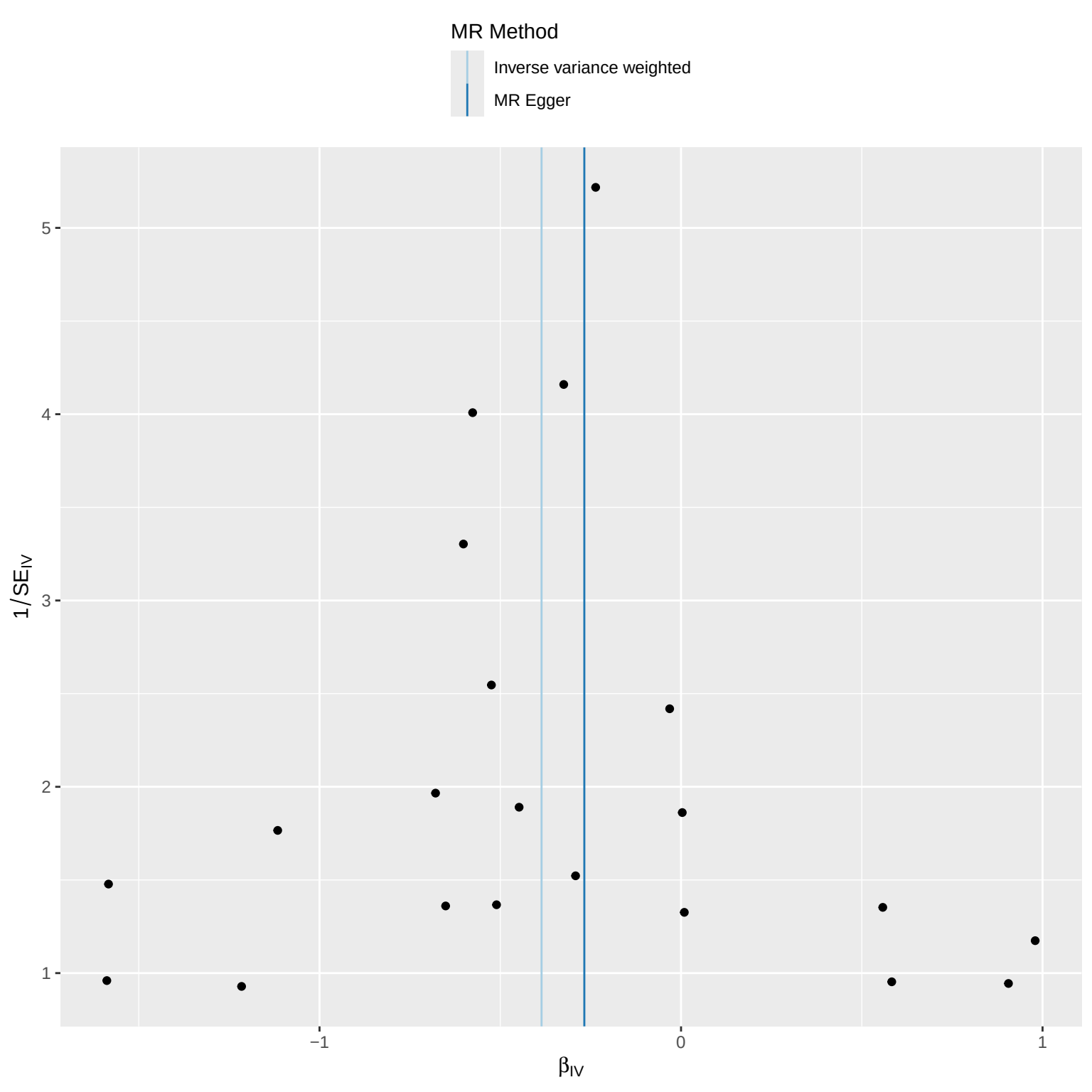

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

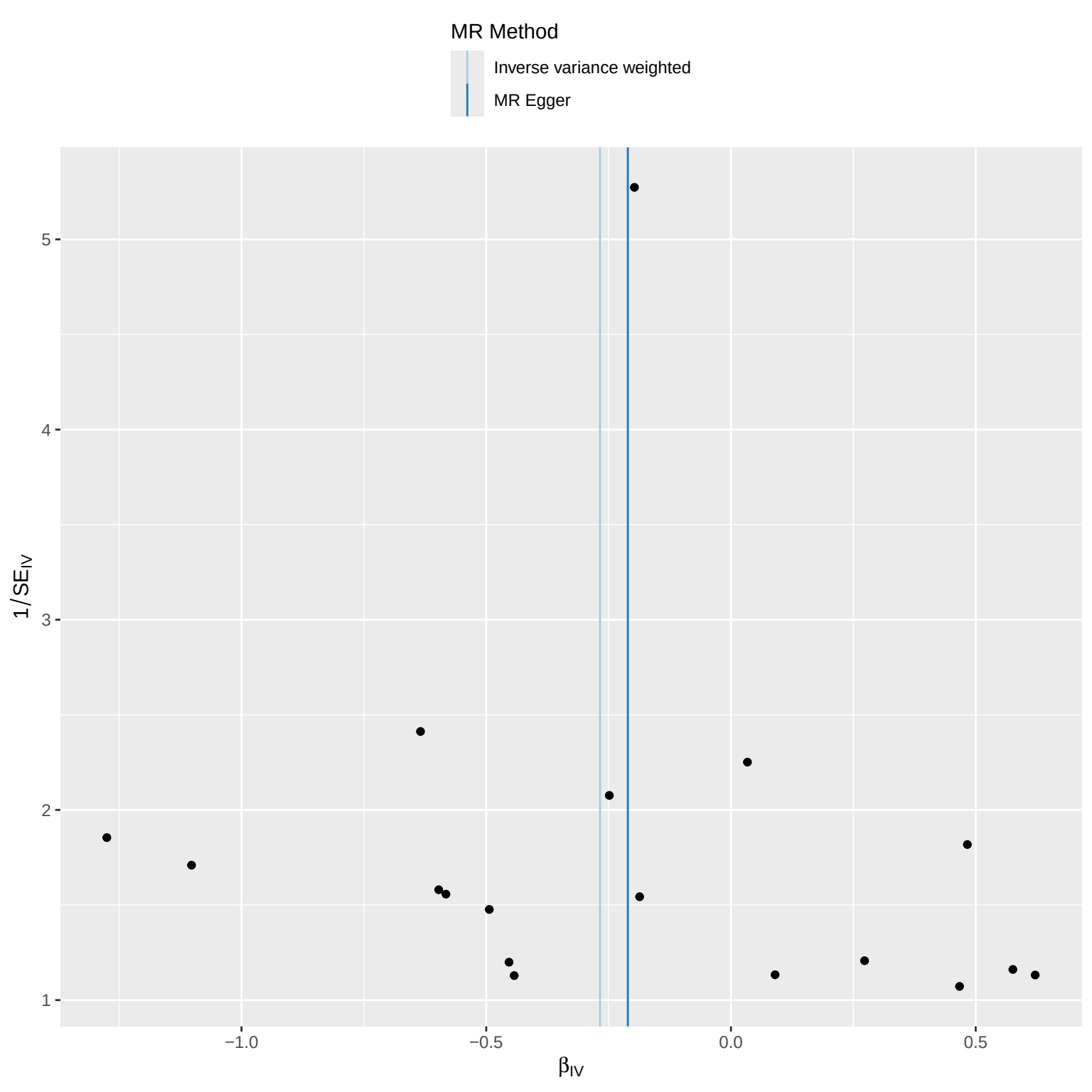

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

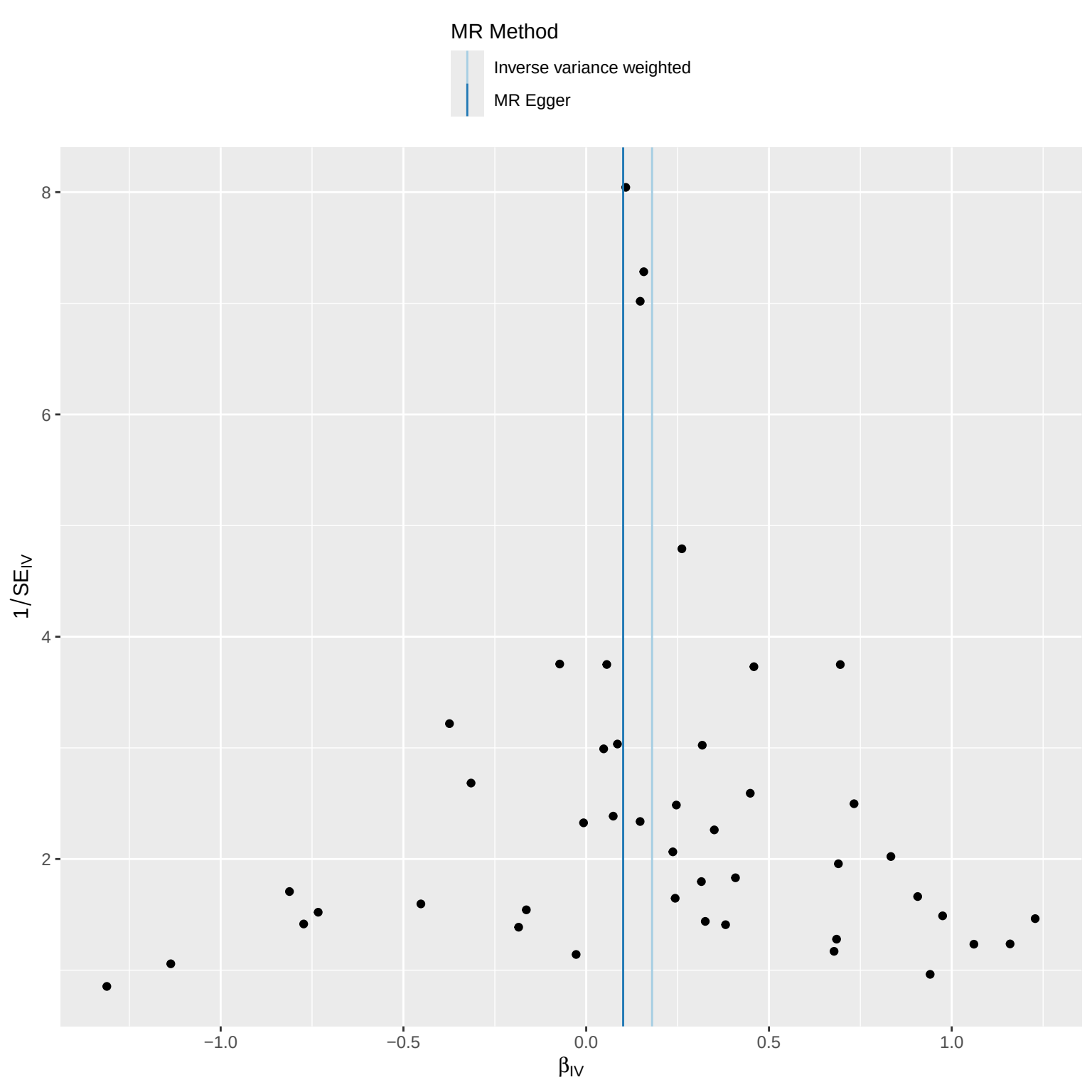

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

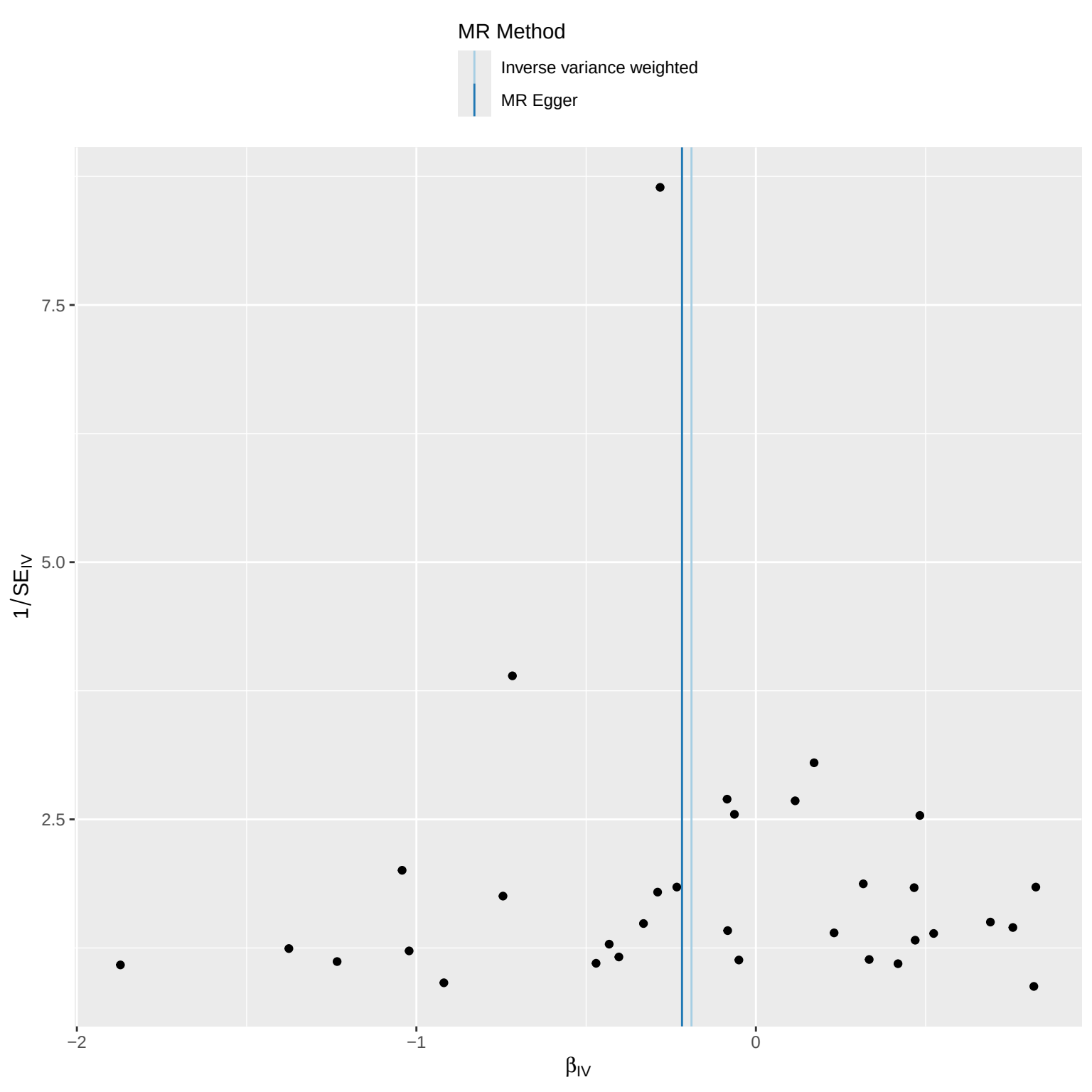

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

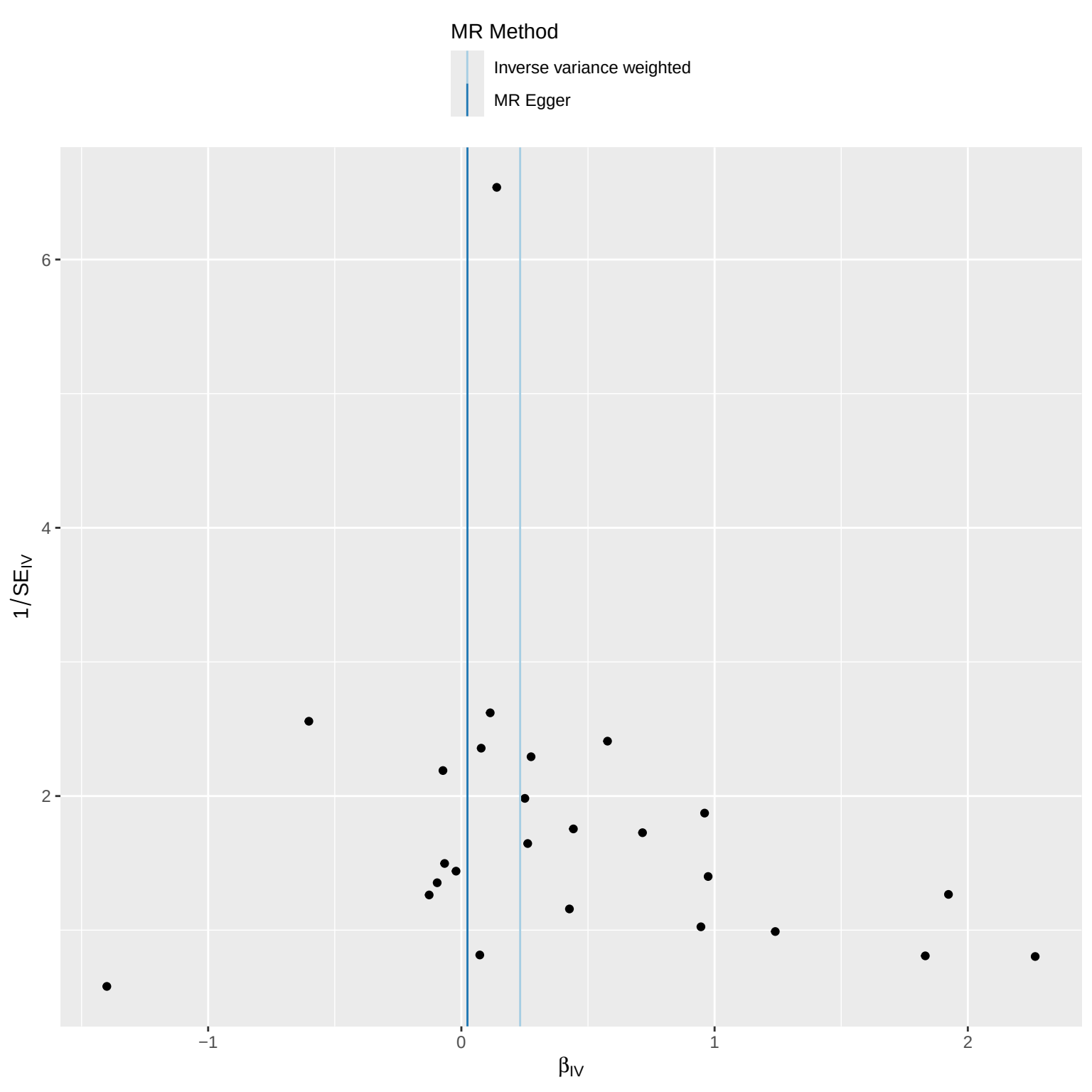

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

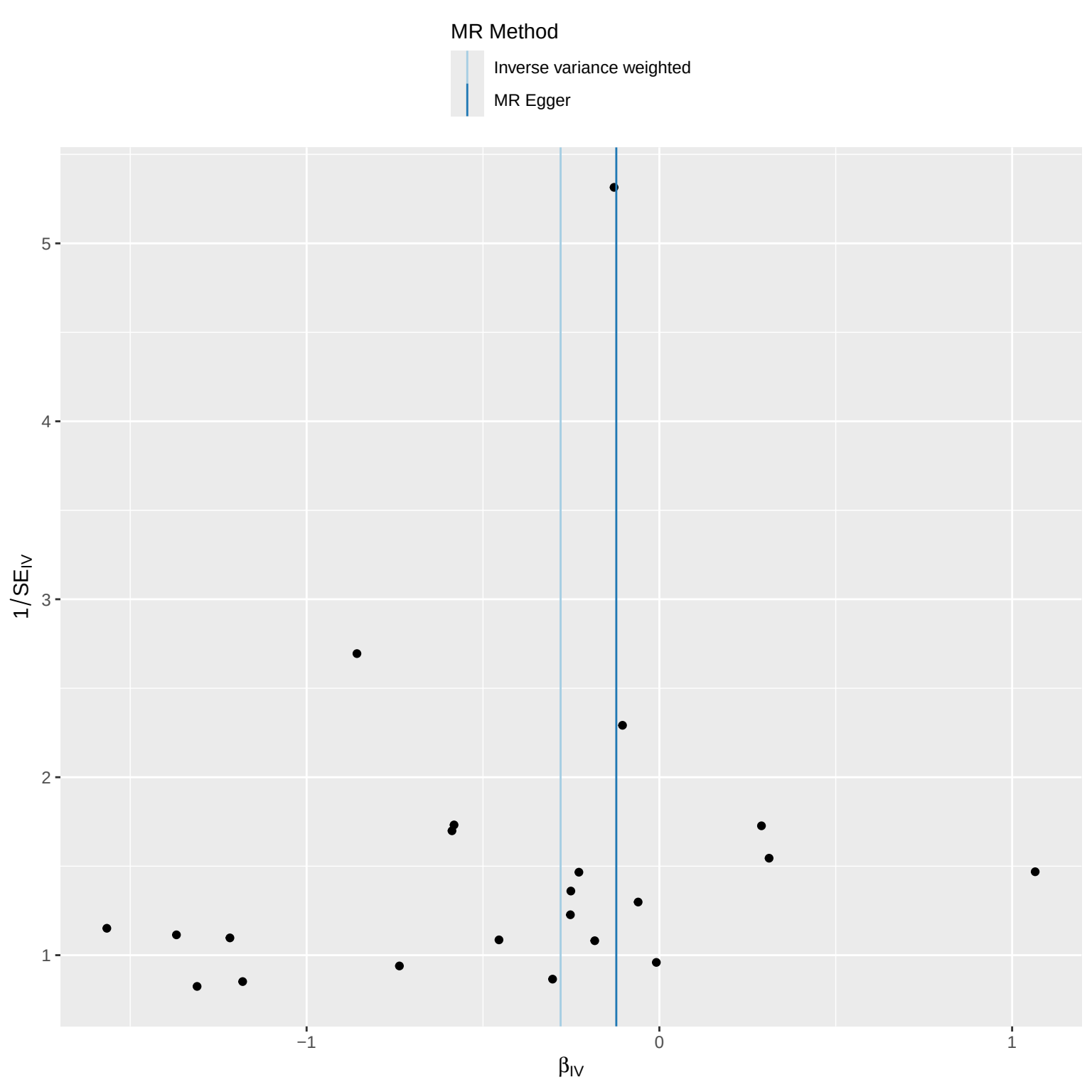

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

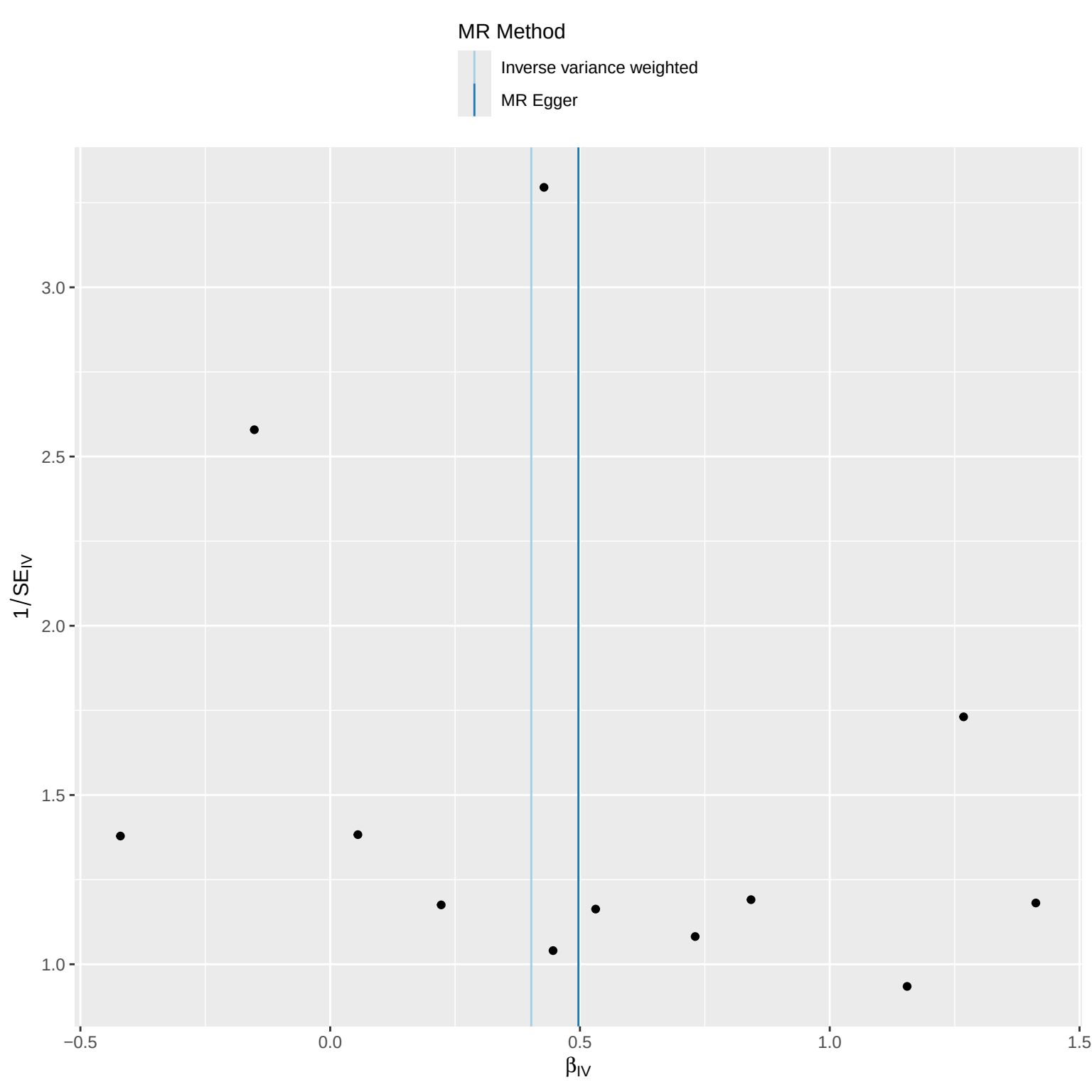

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

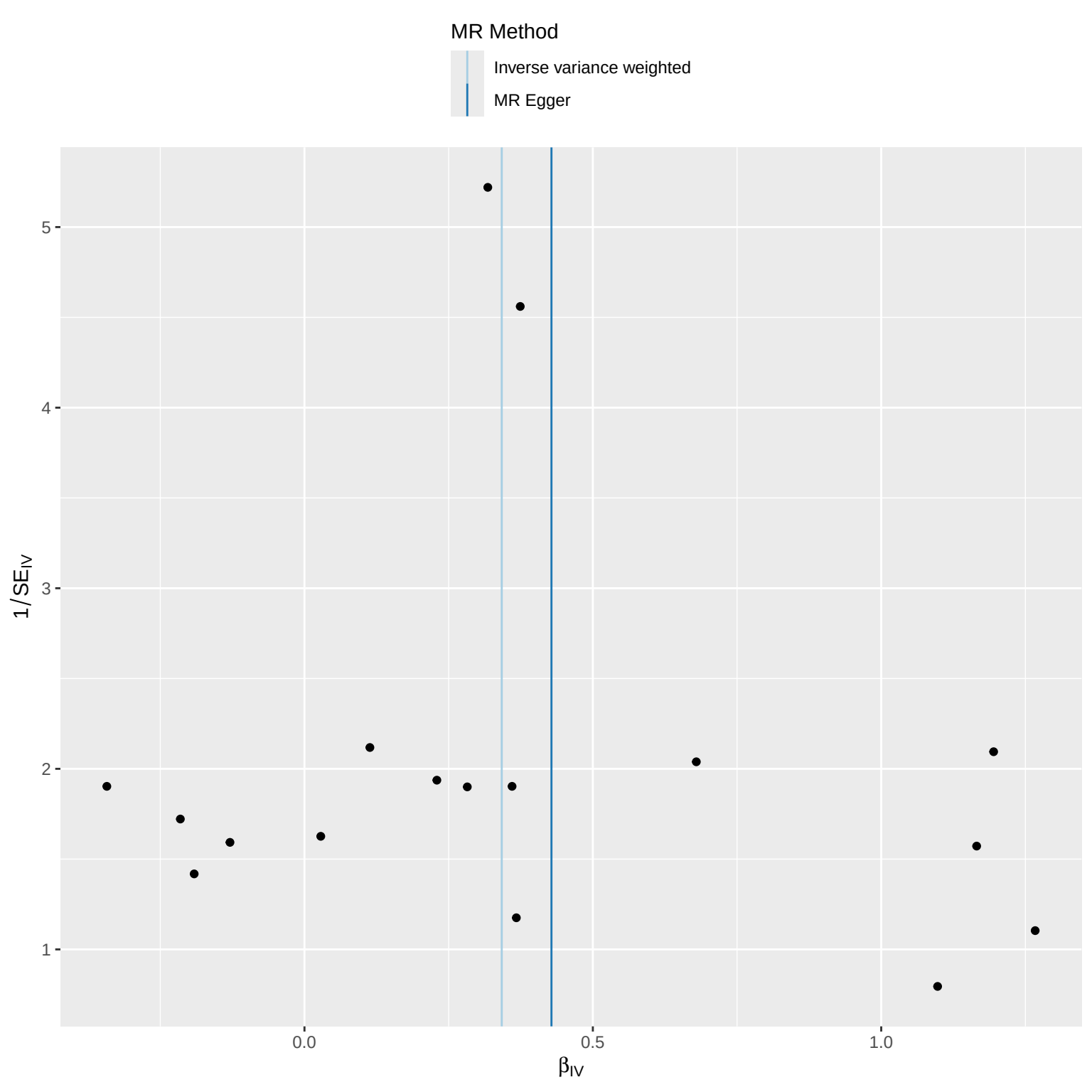

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

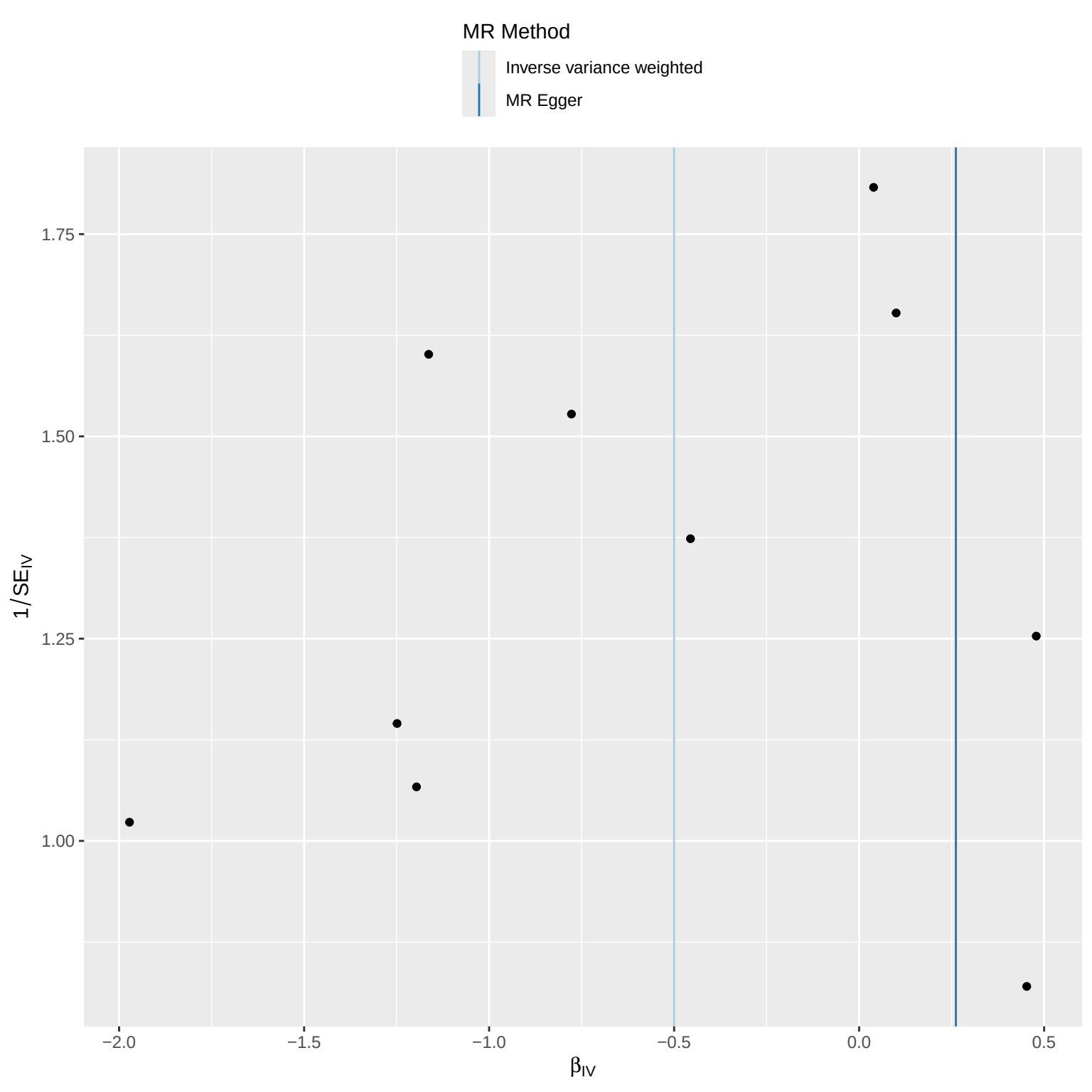

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
β_IV

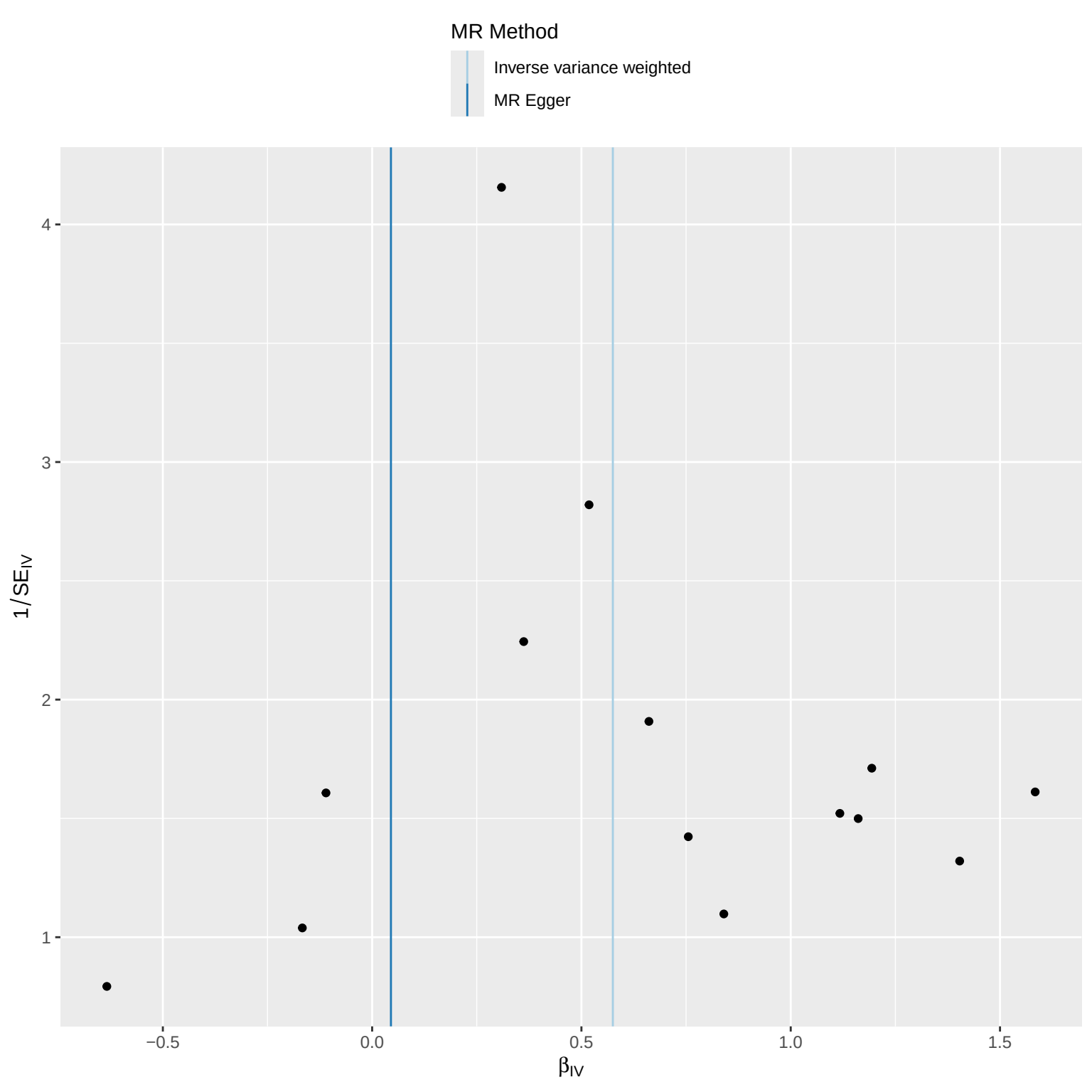

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

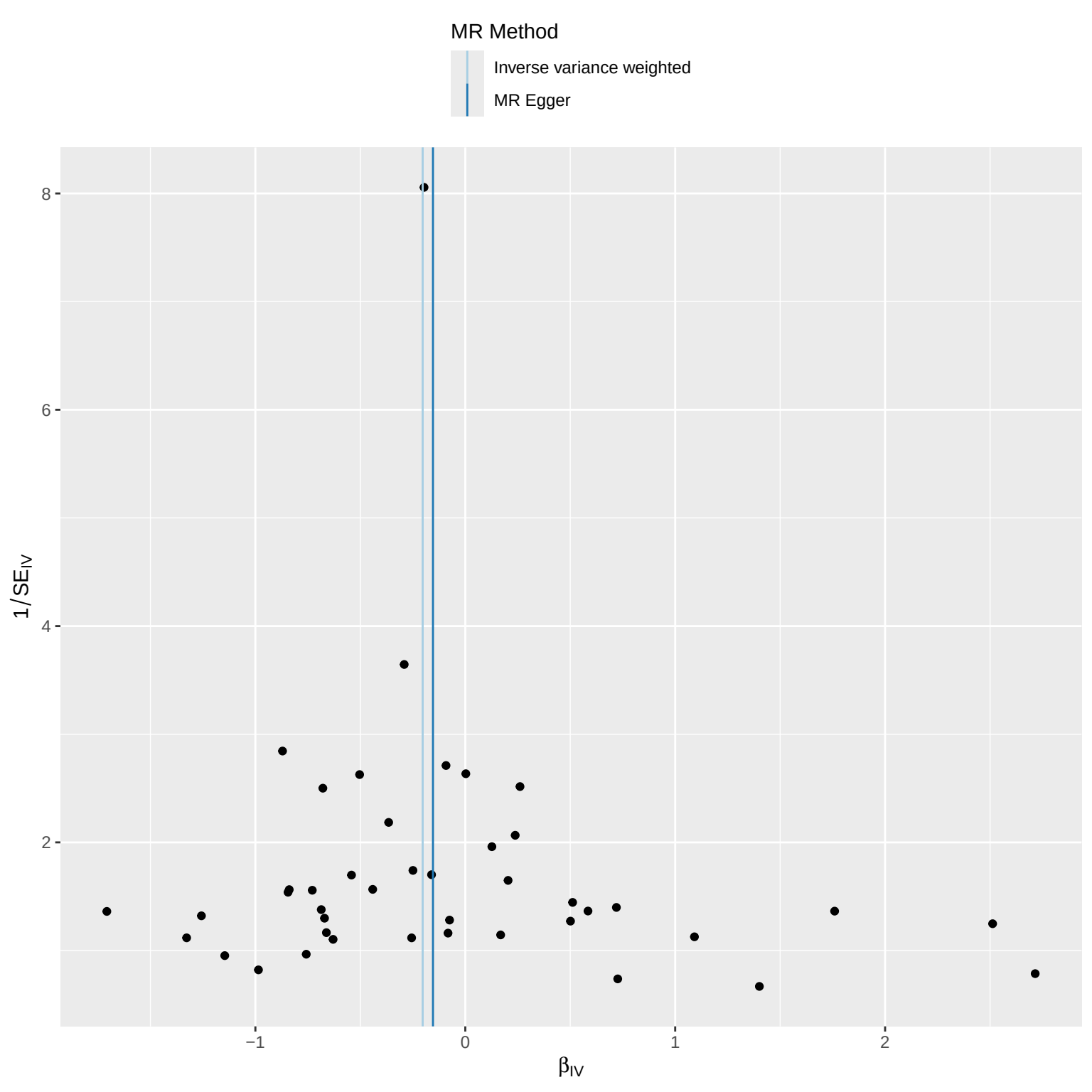

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

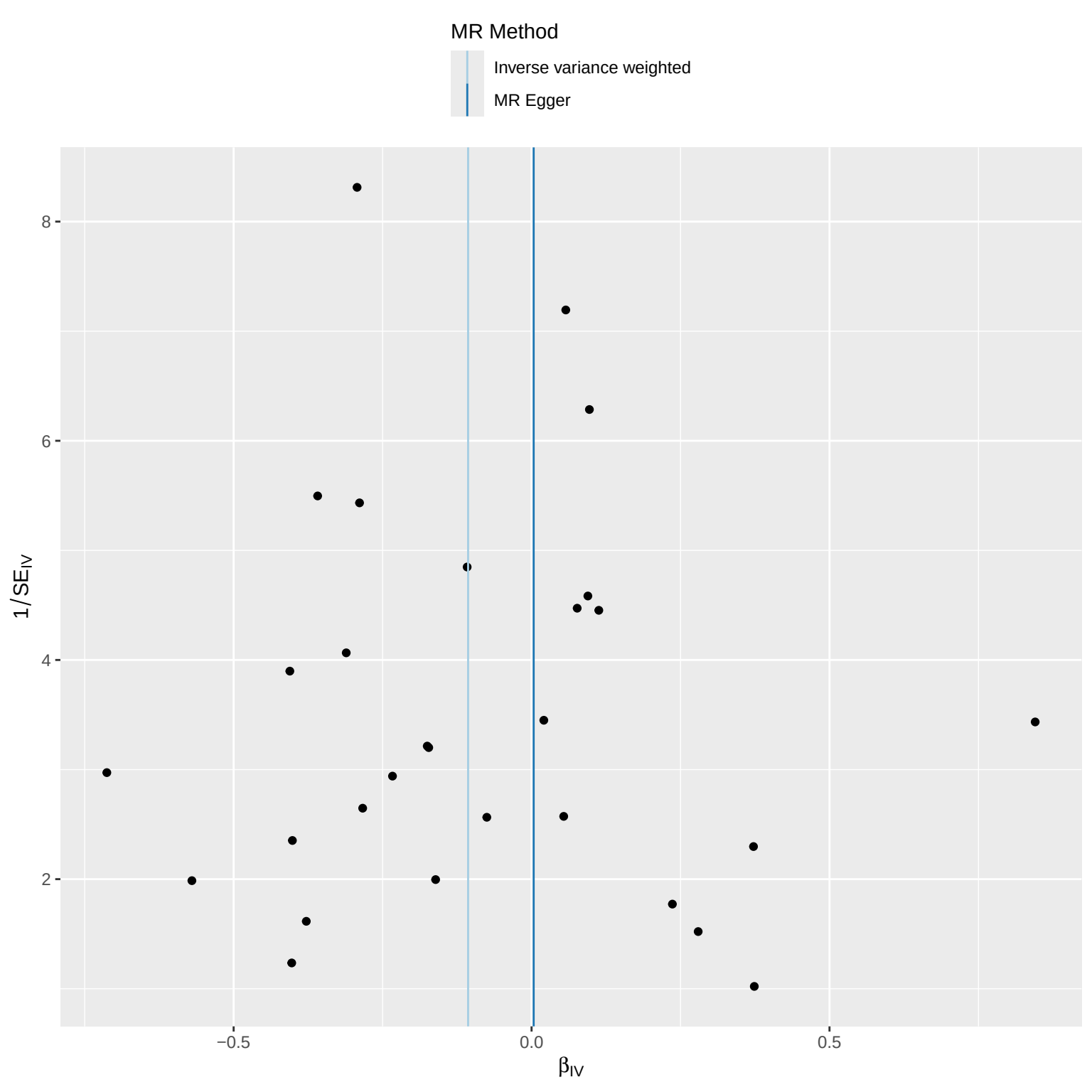

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

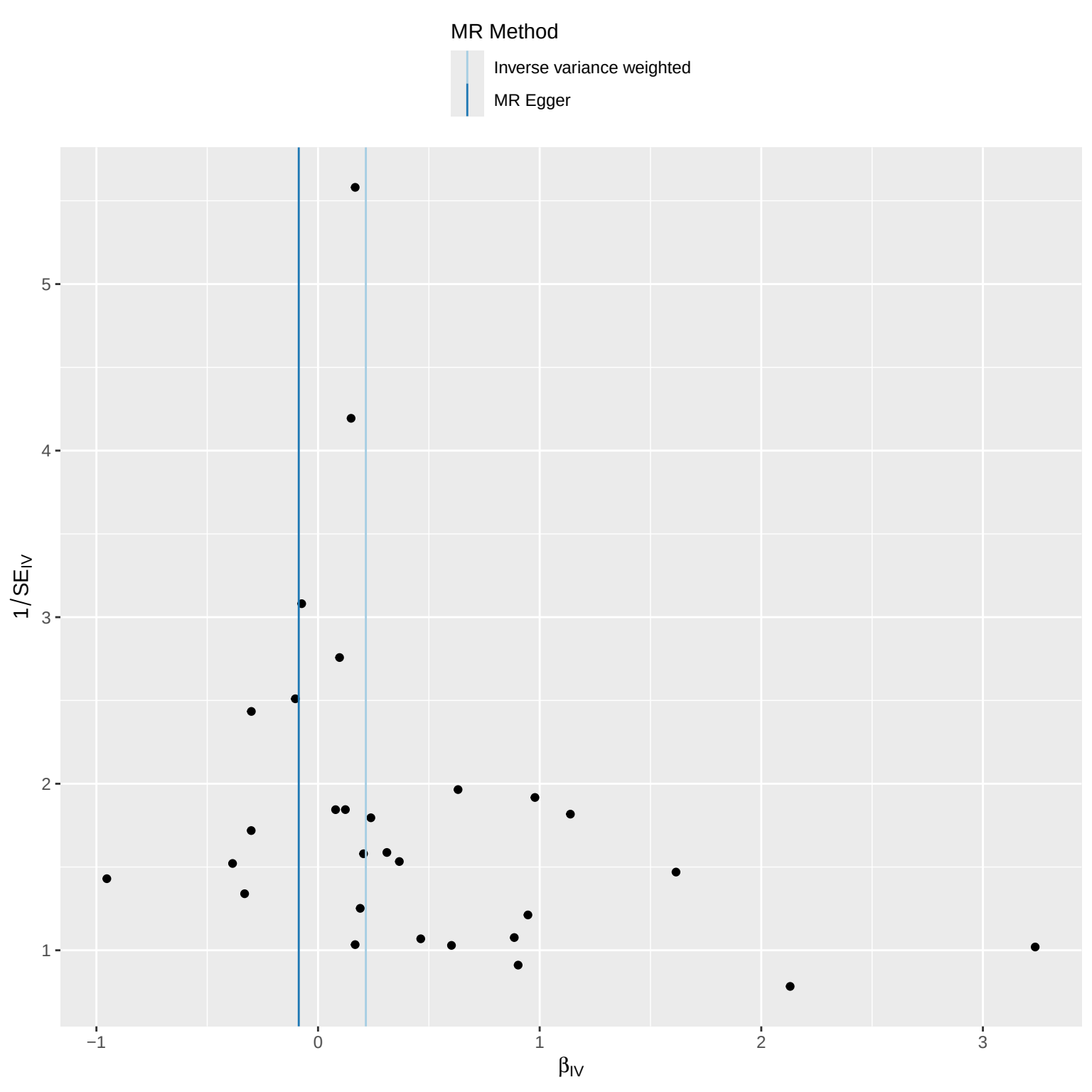

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

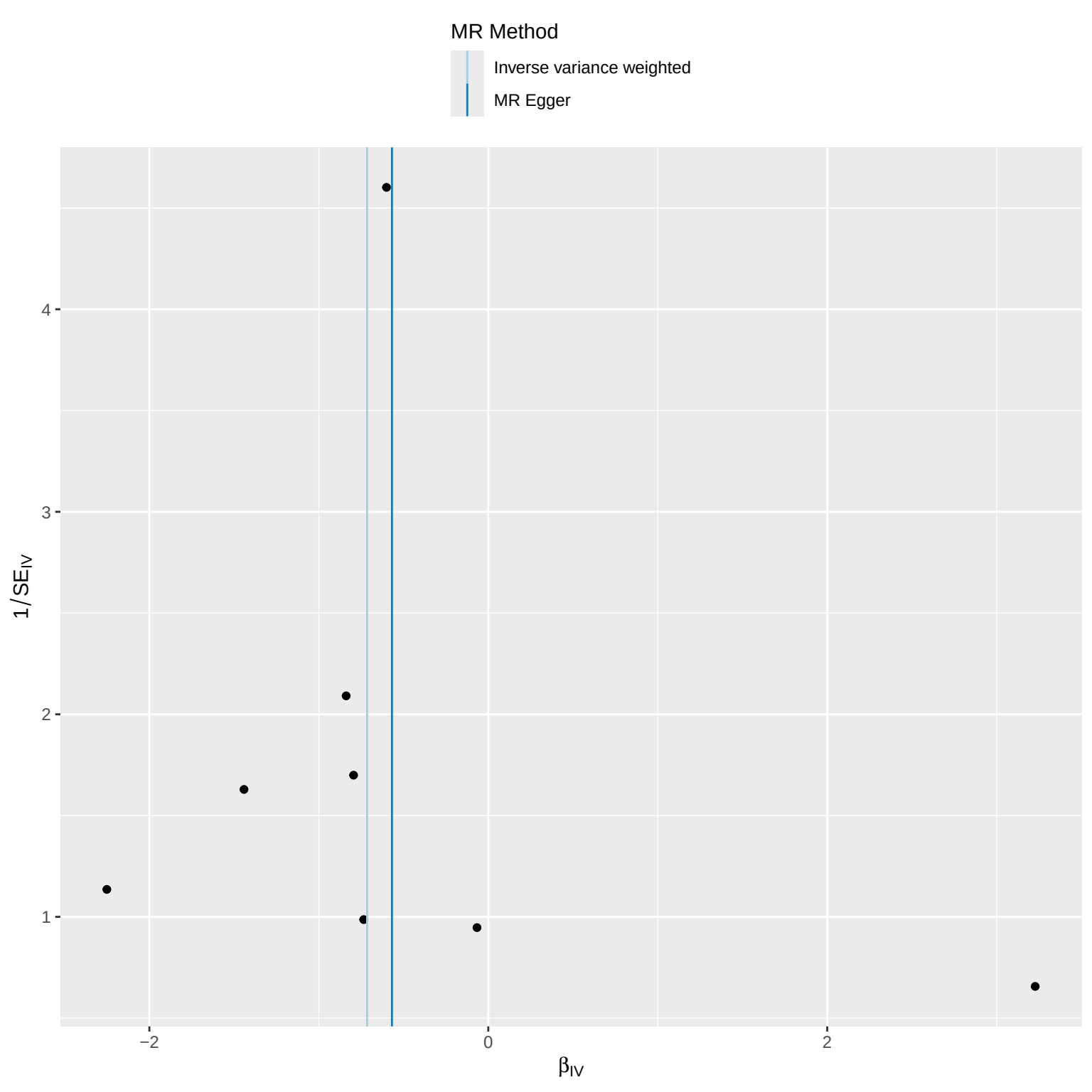

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

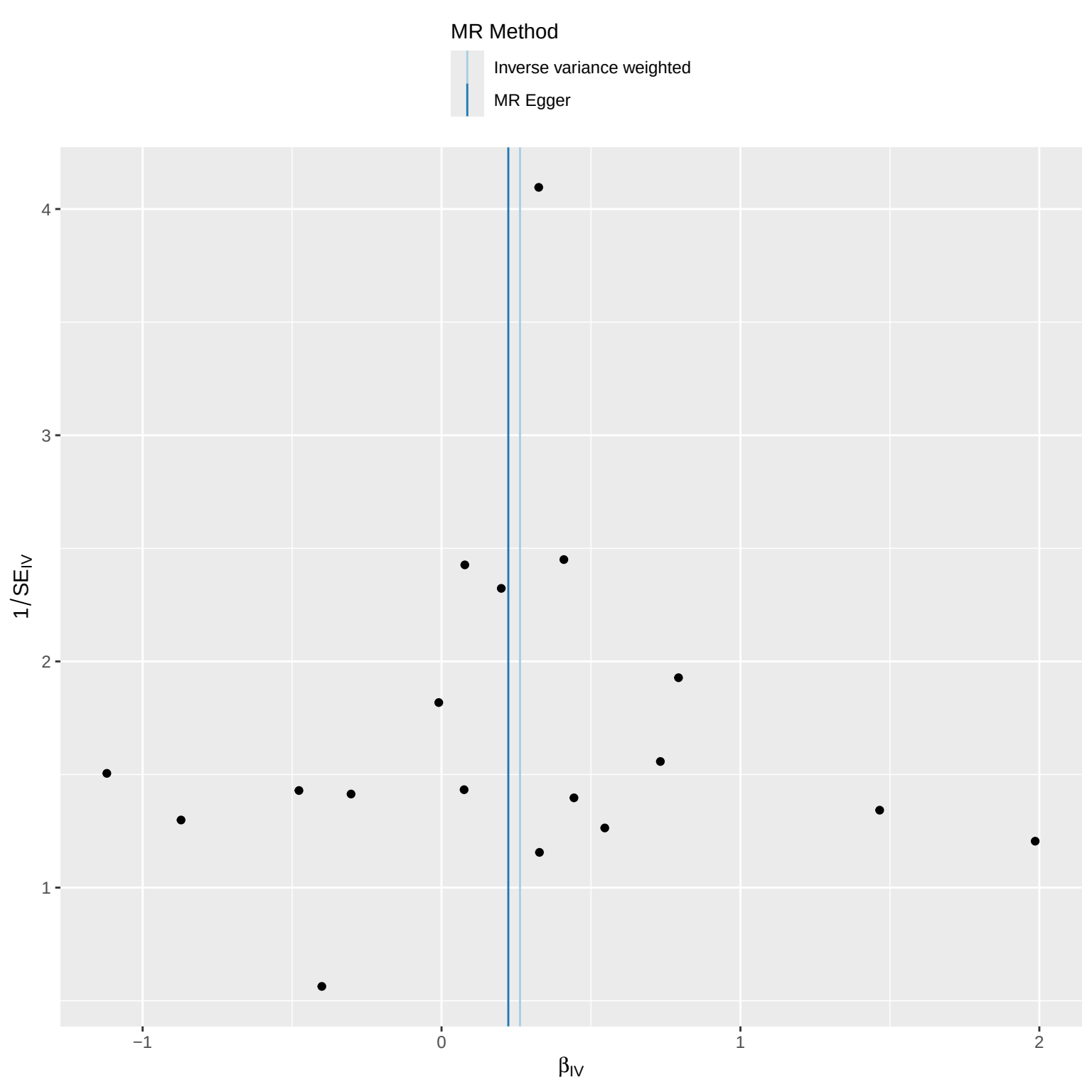

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

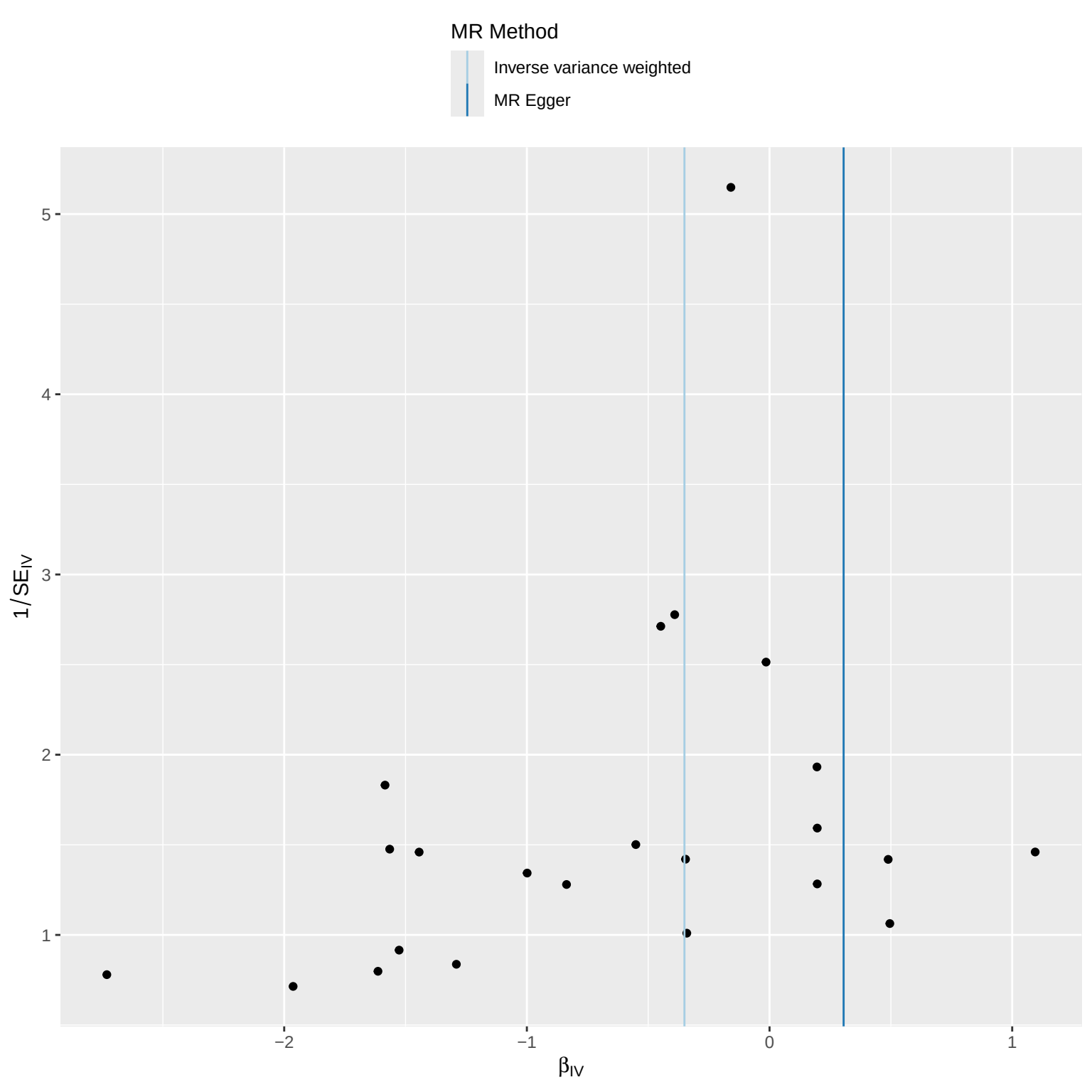

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

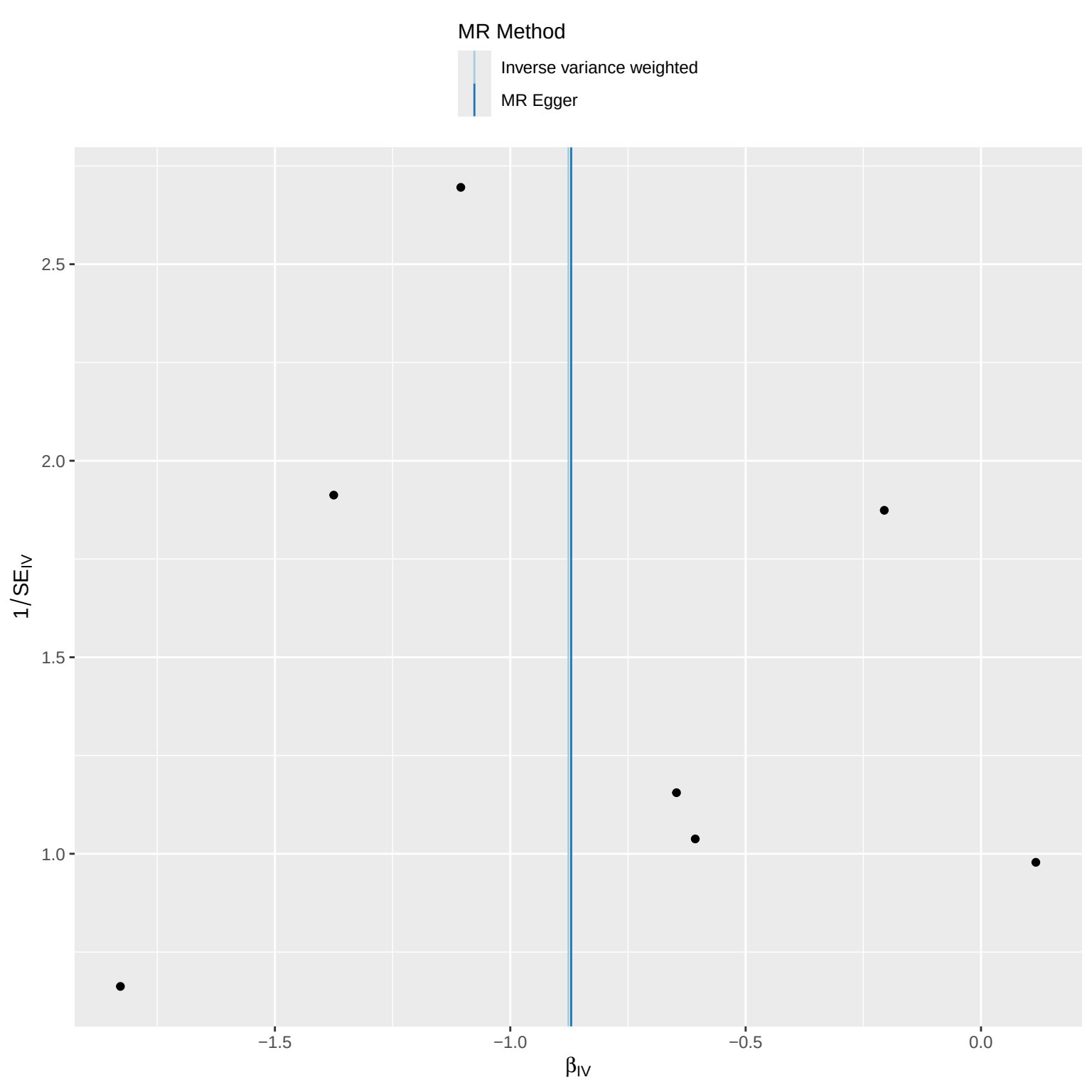

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

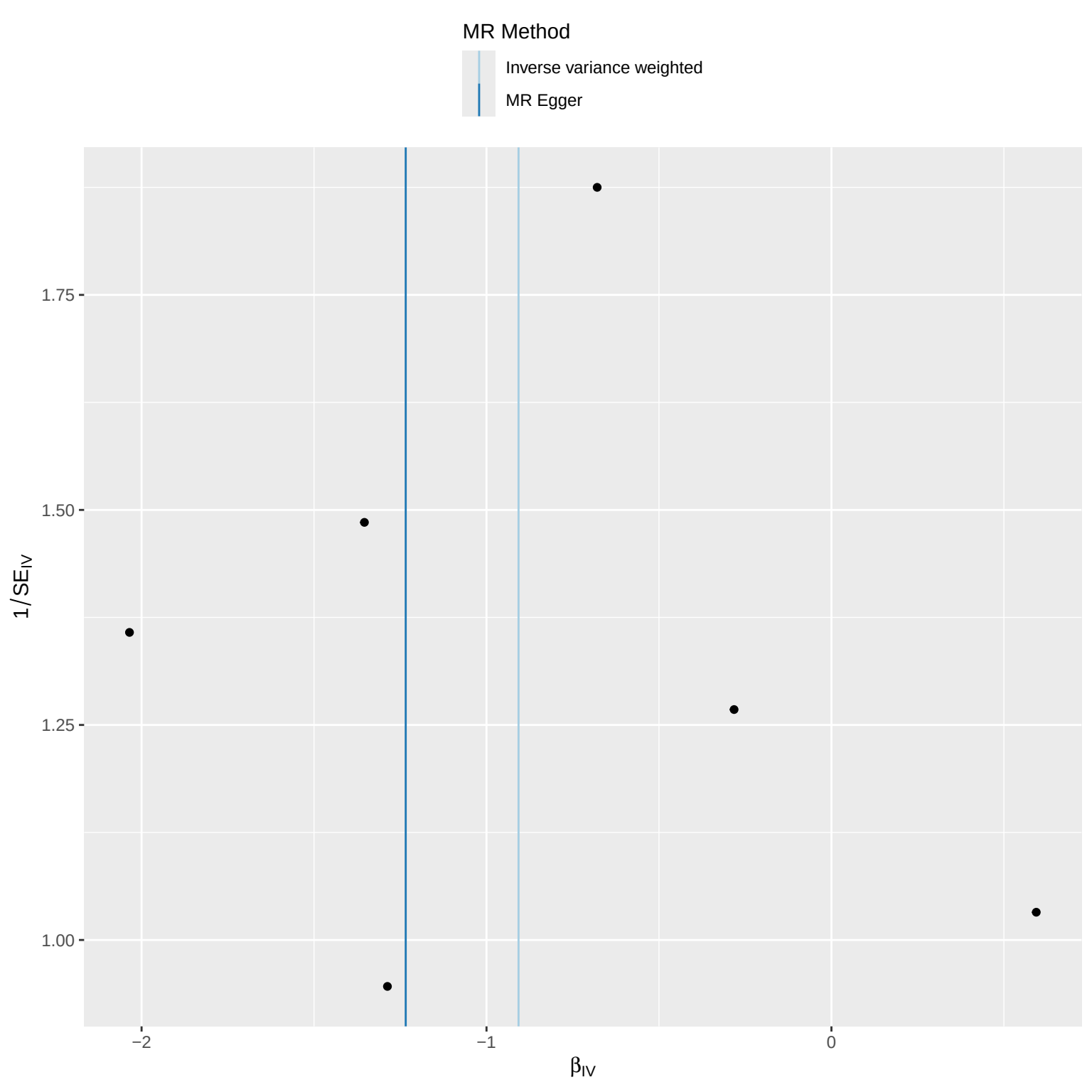

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

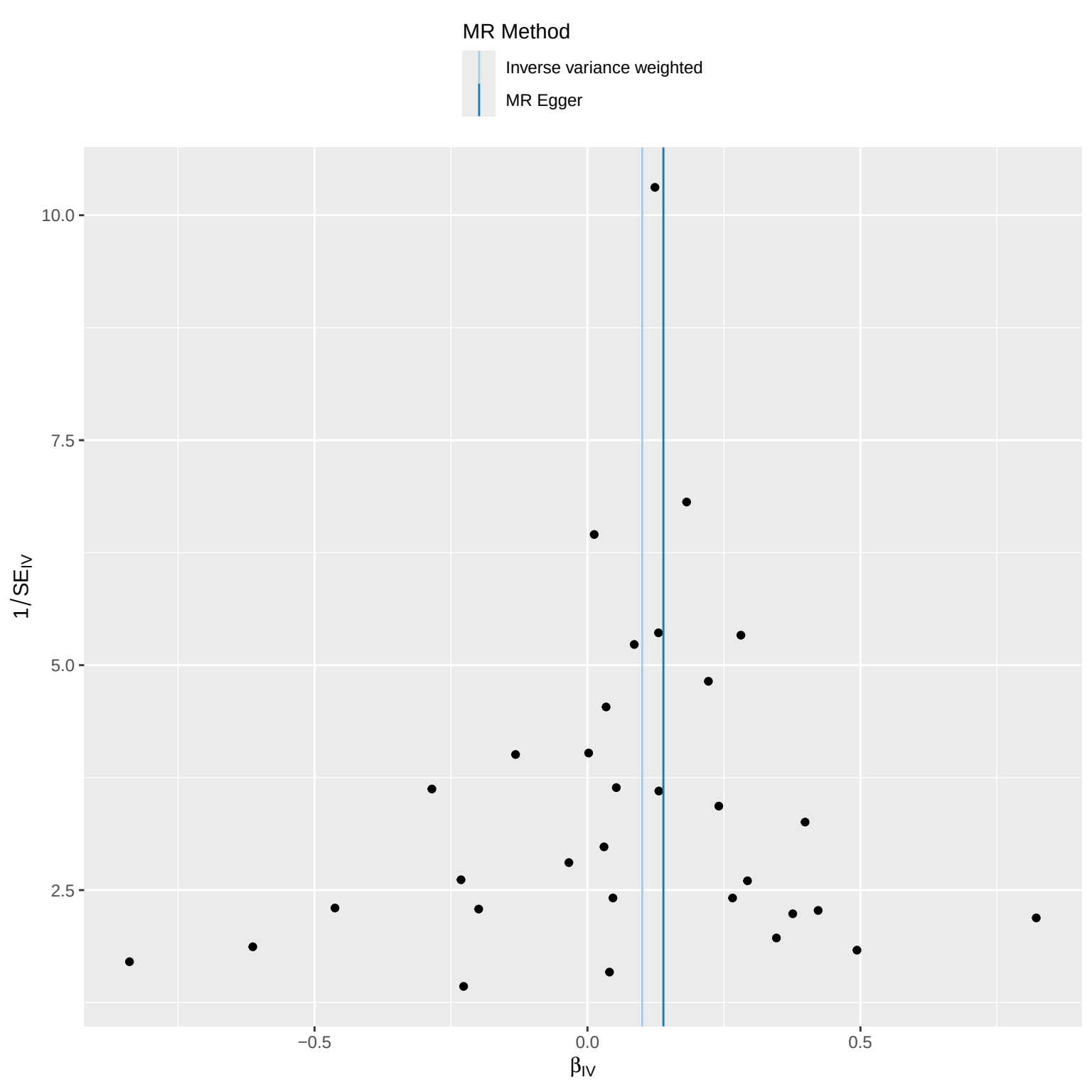

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

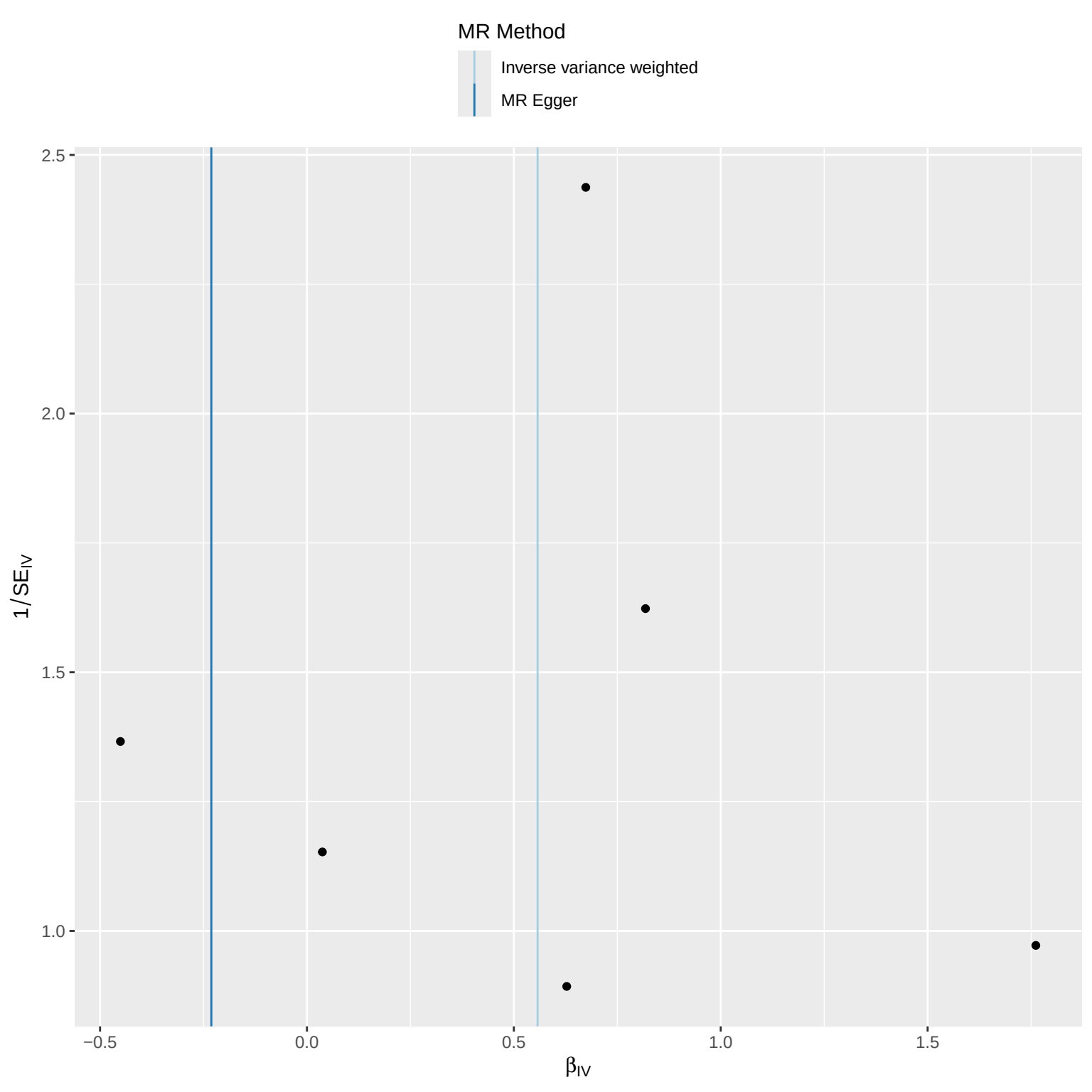

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

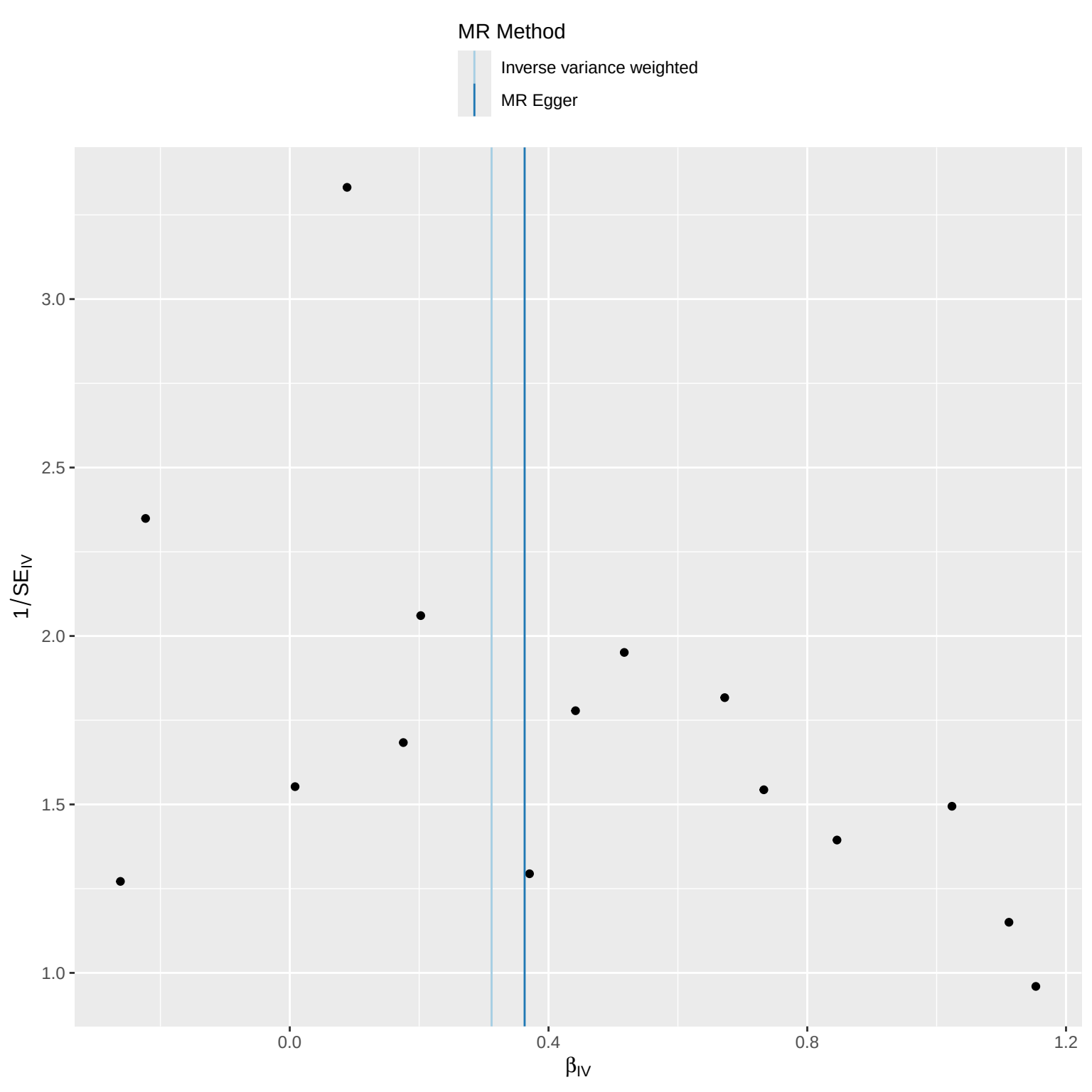

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

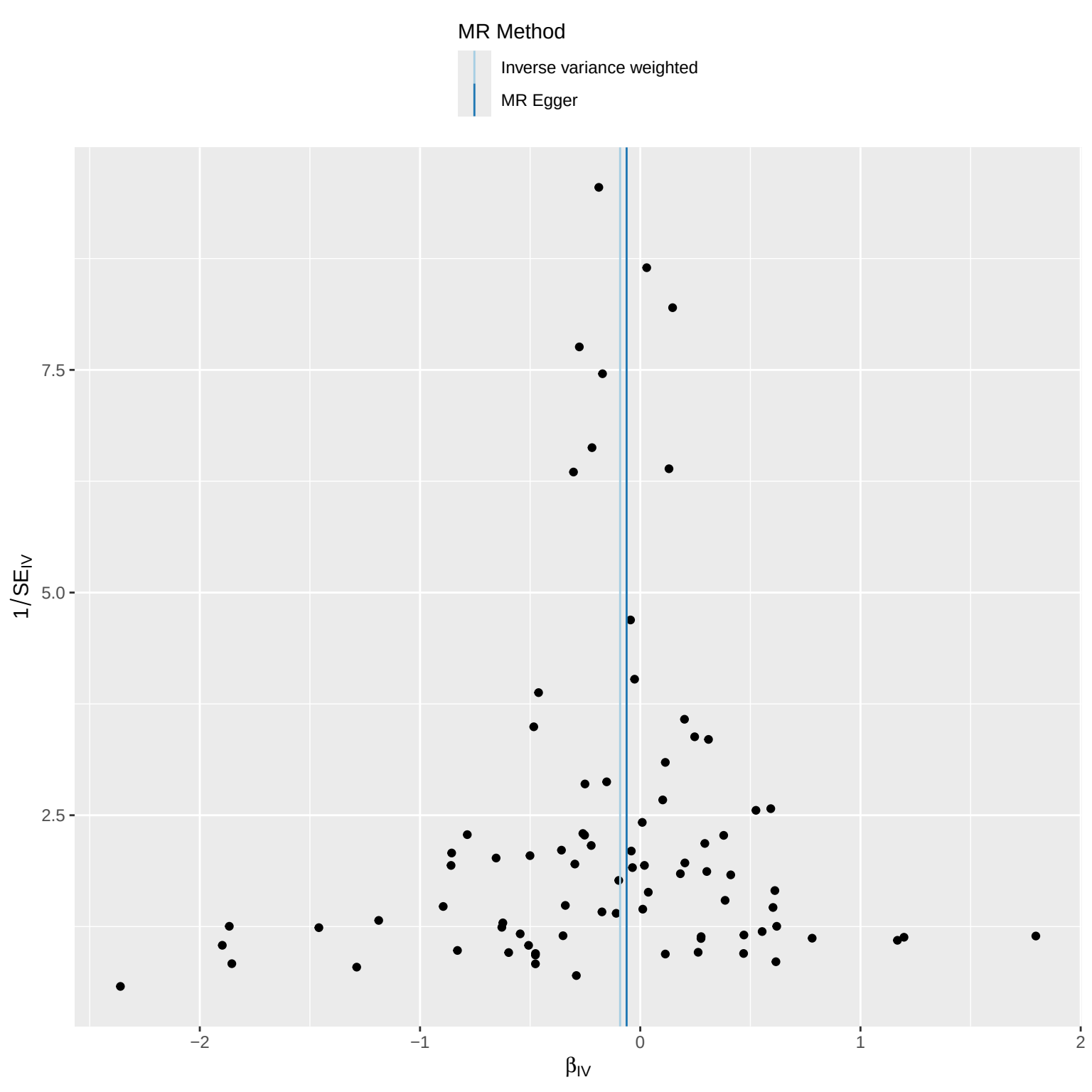

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

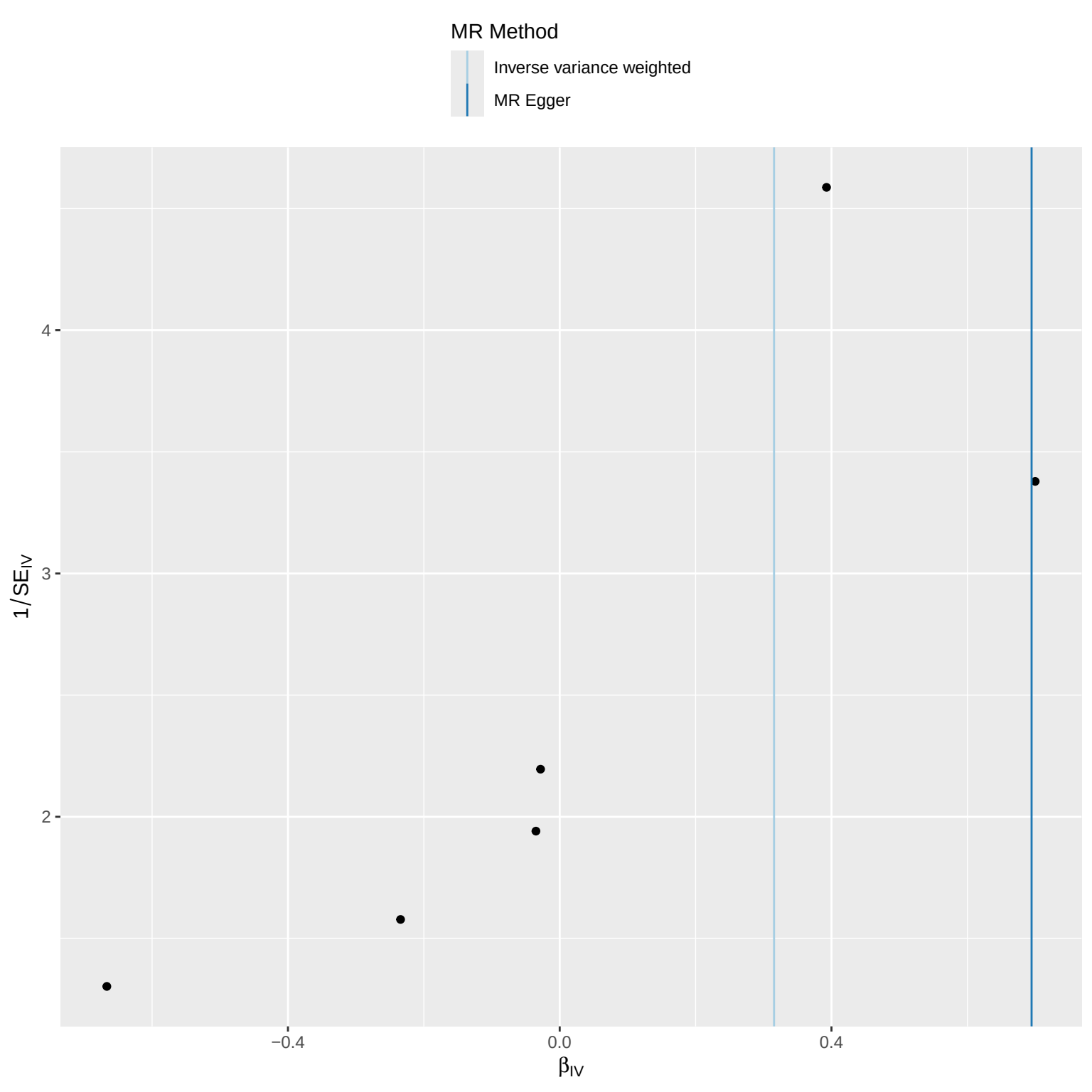

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
−2
−1
0
β_IV

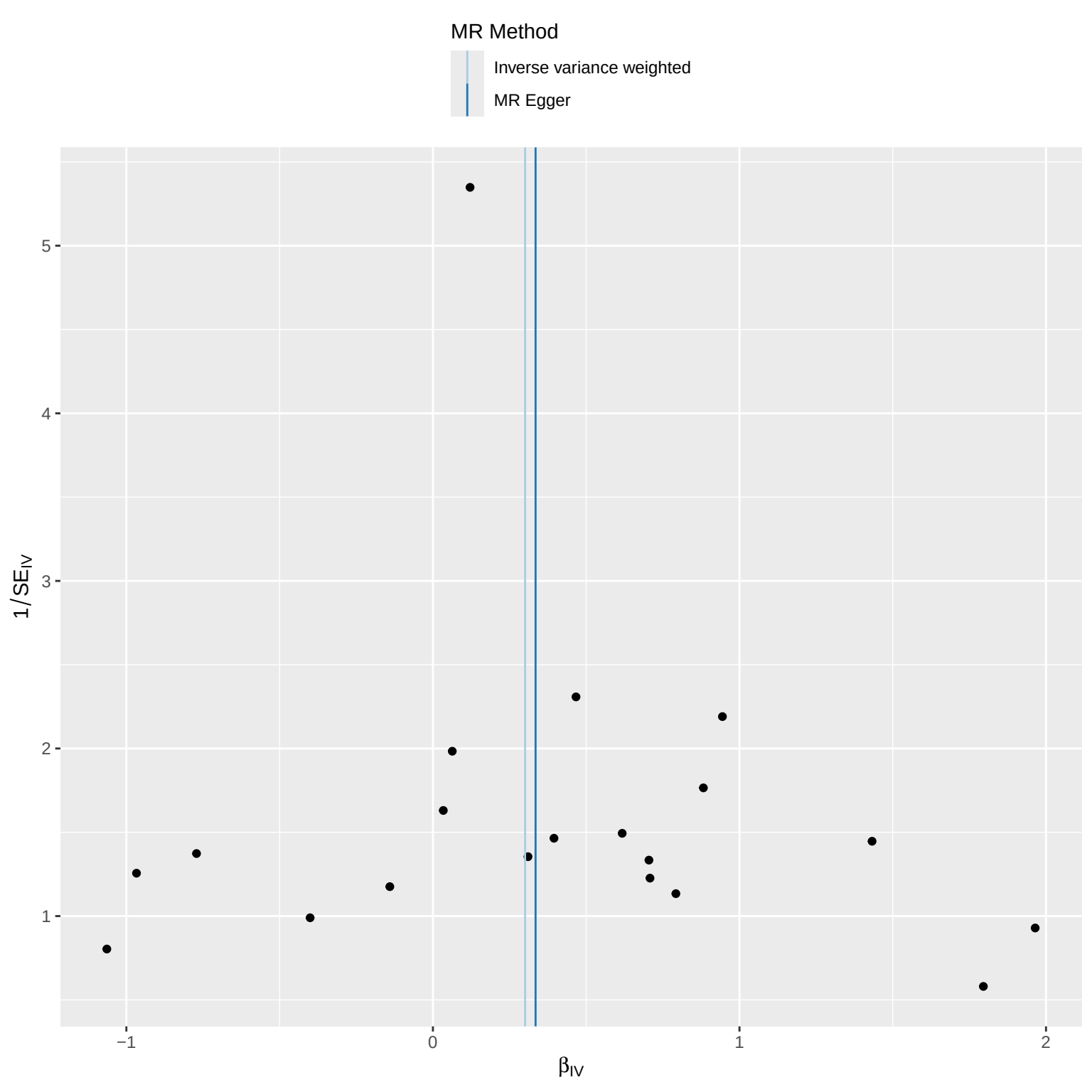

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

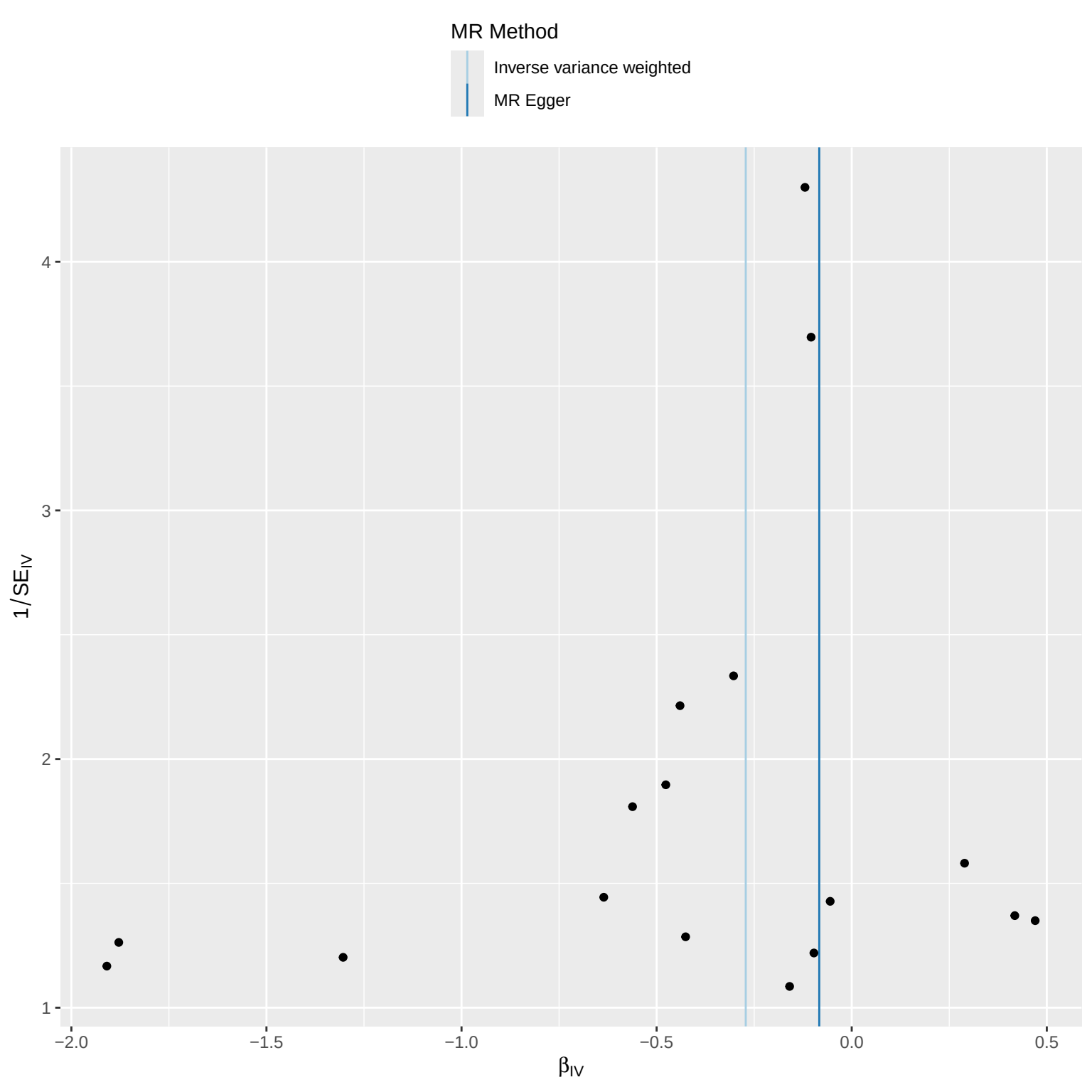

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

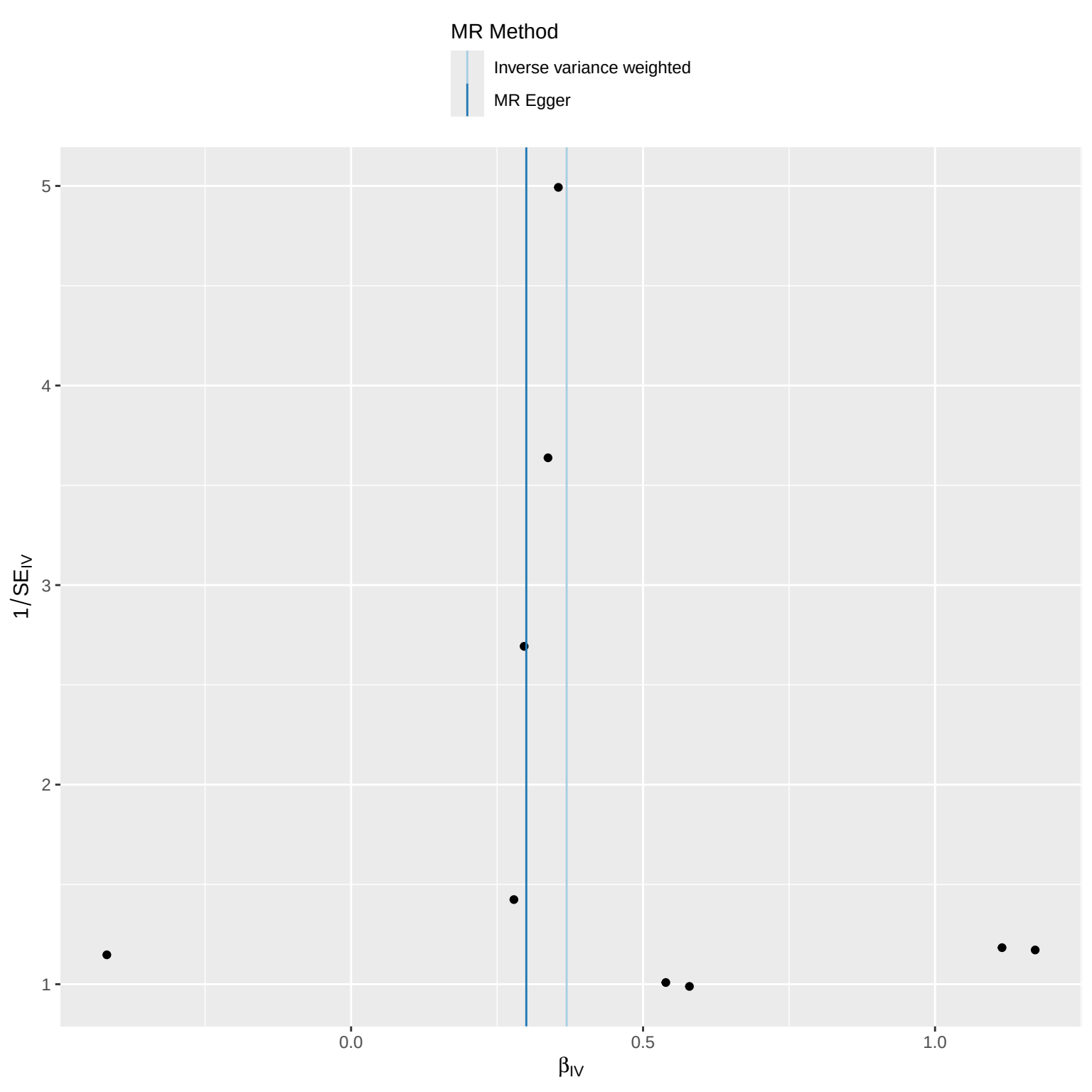

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

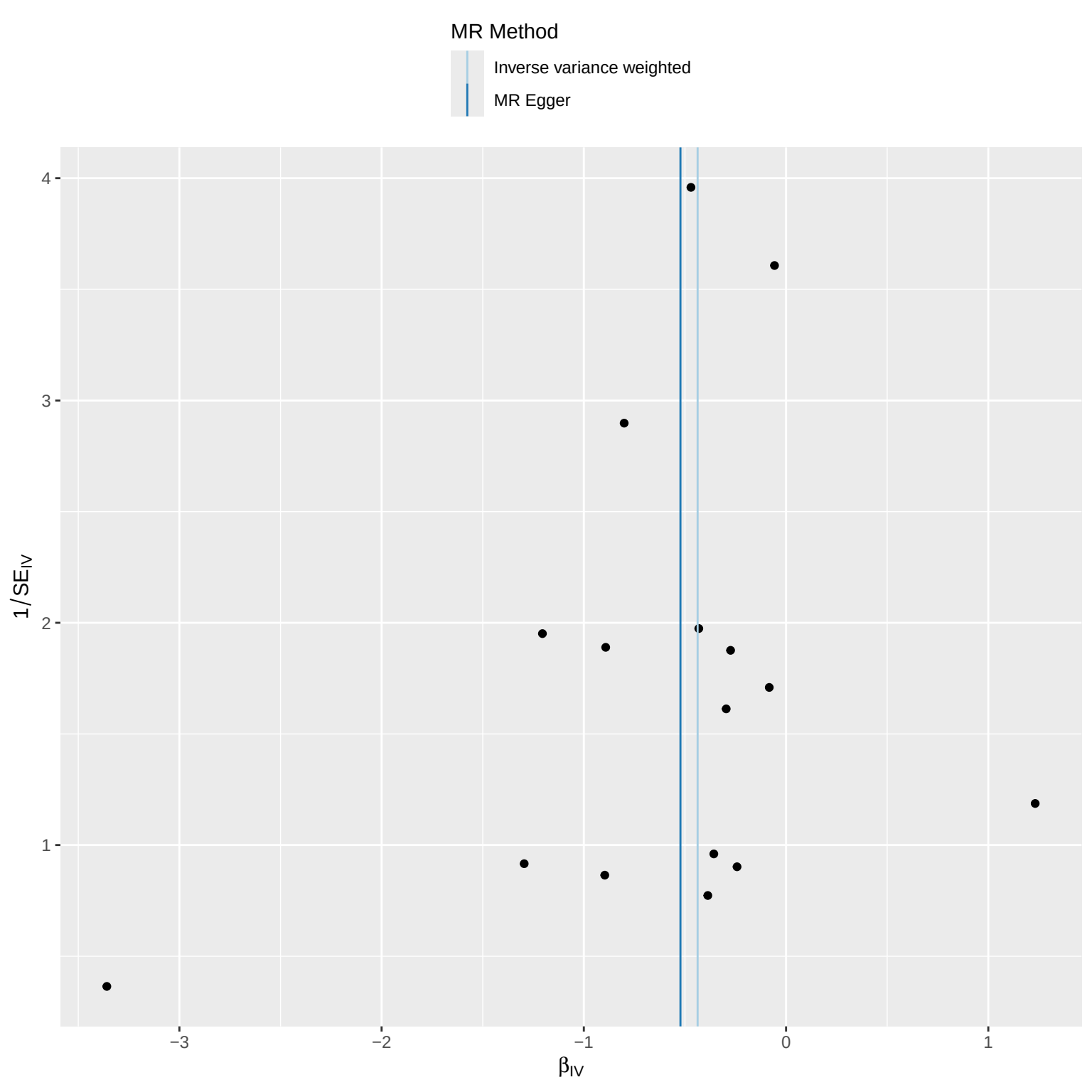

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

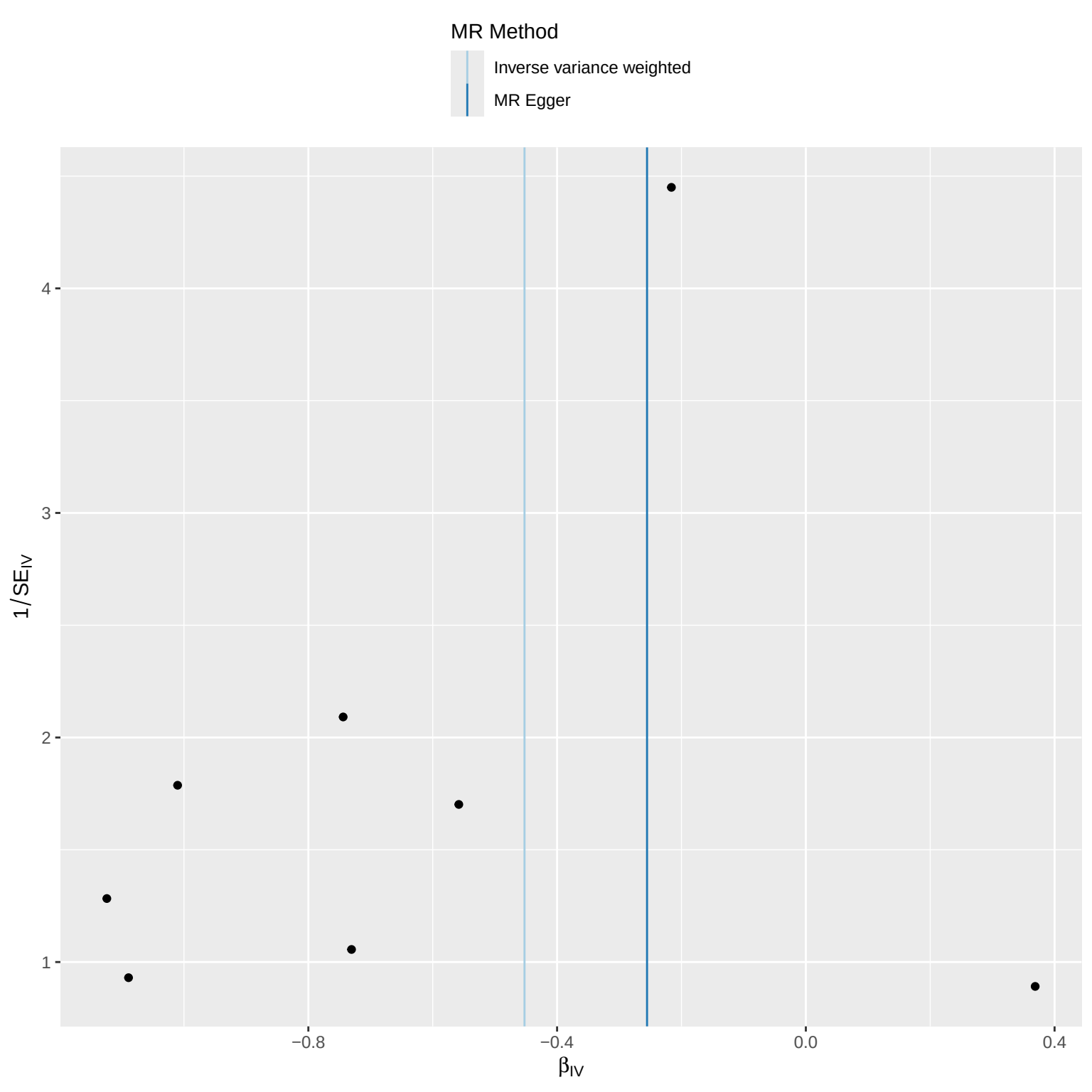

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.4
0.0
0.4
β_IV

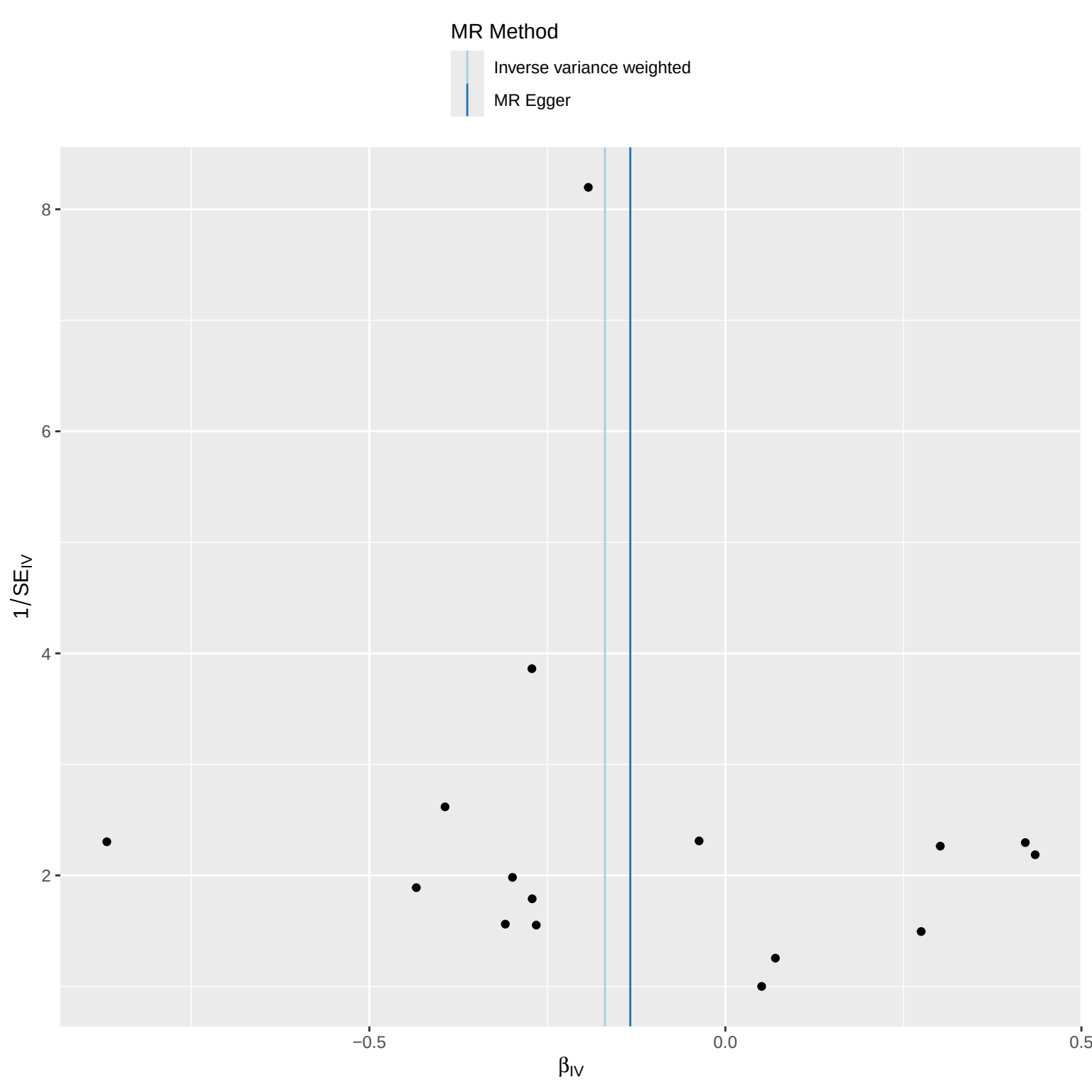

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

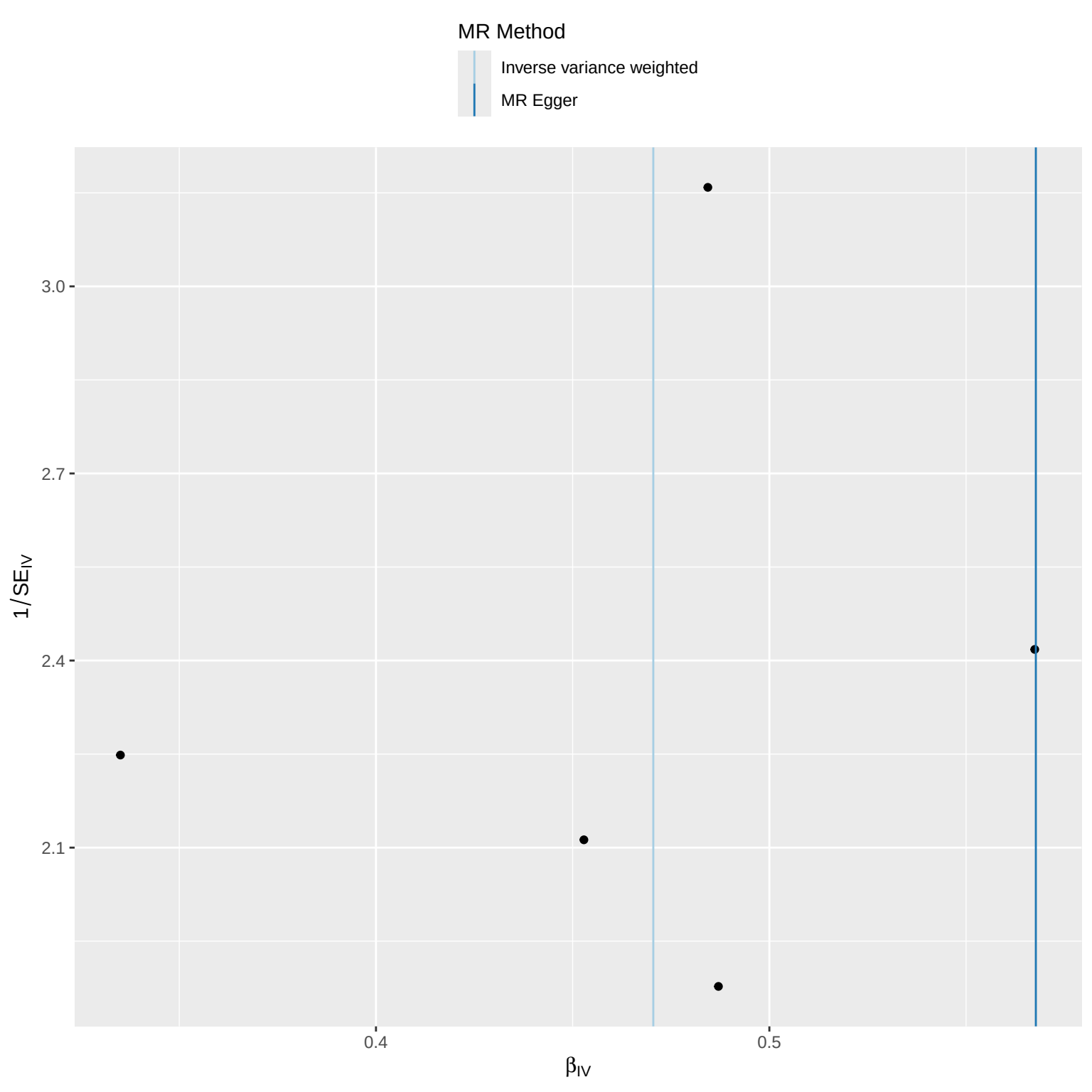

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

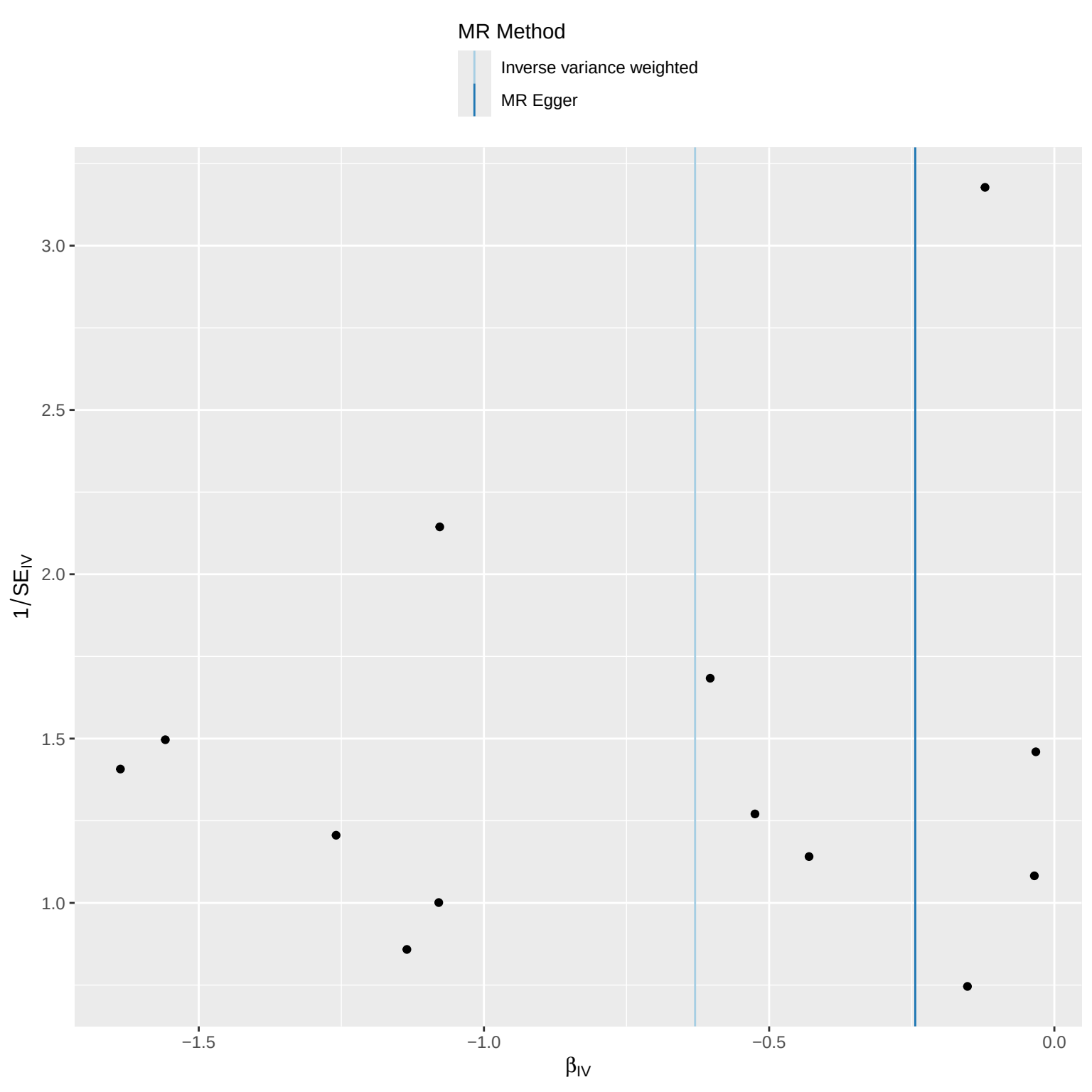

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

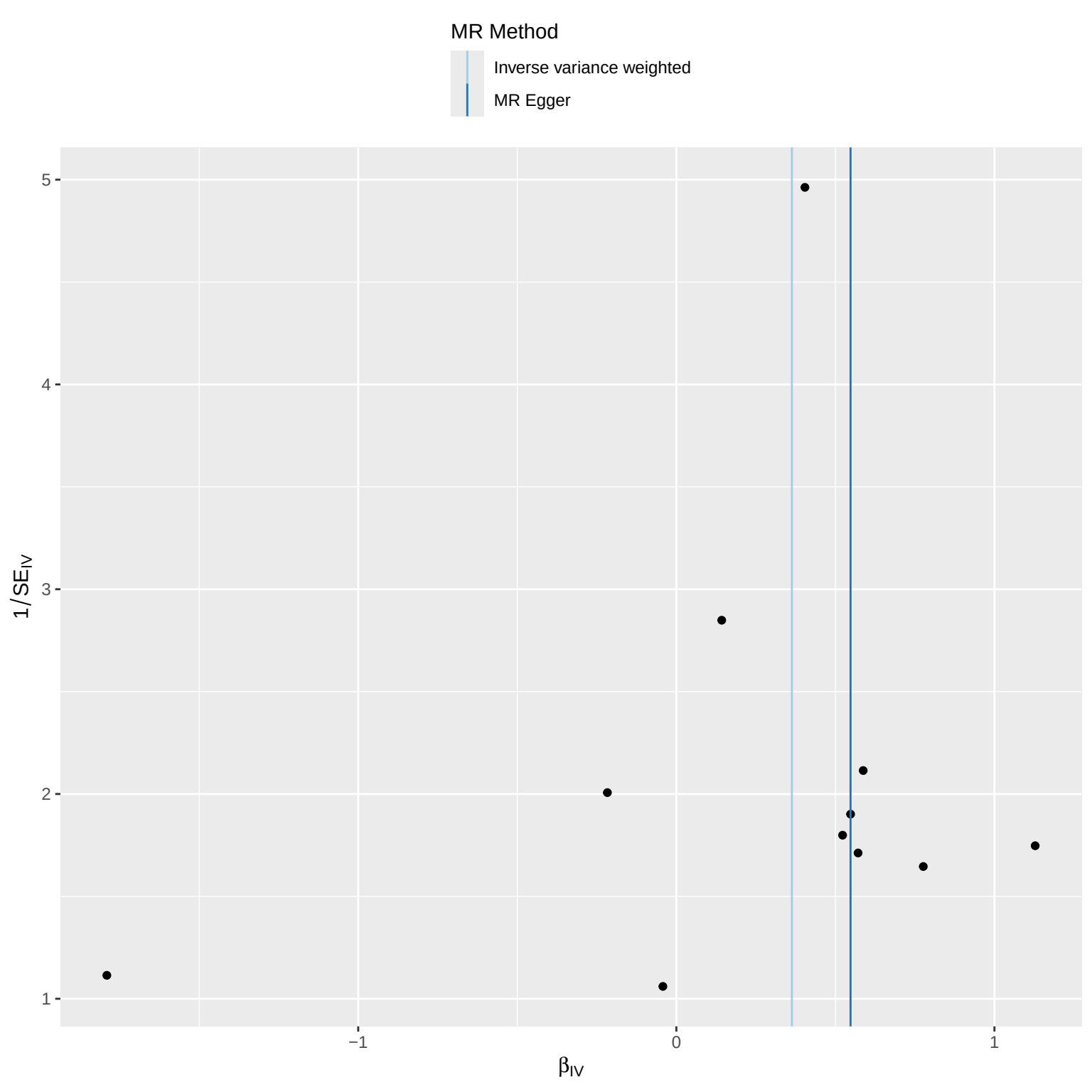

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

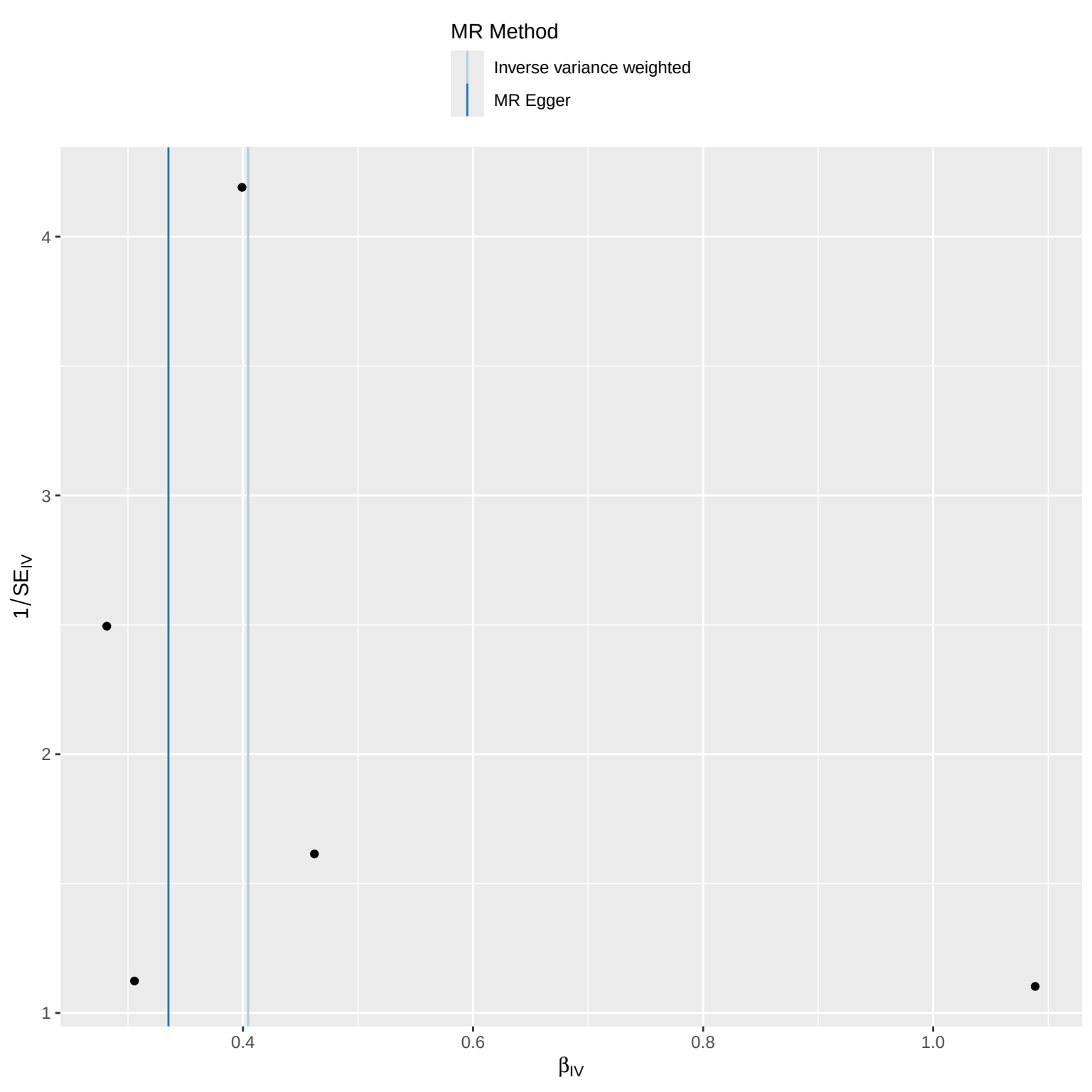

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

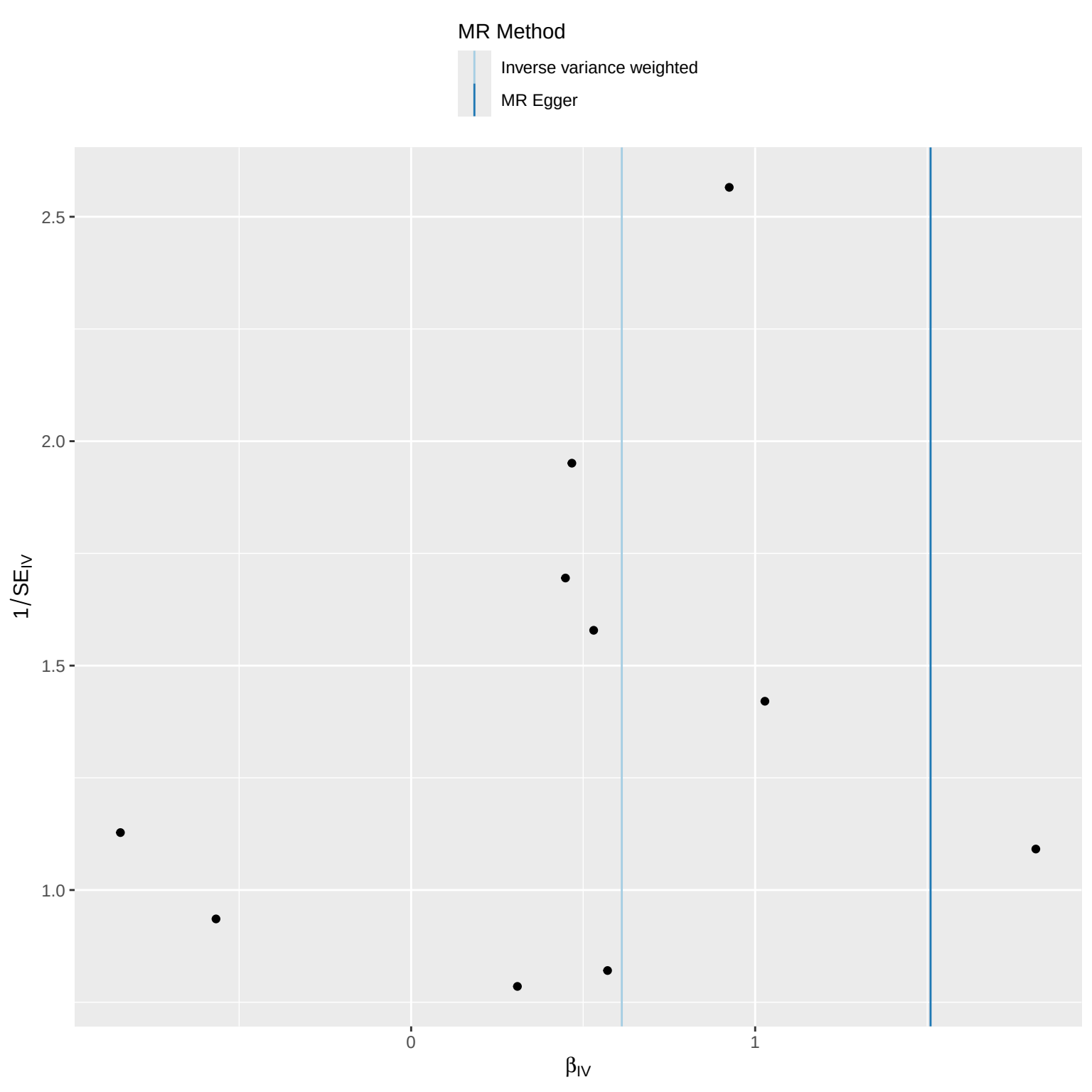

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

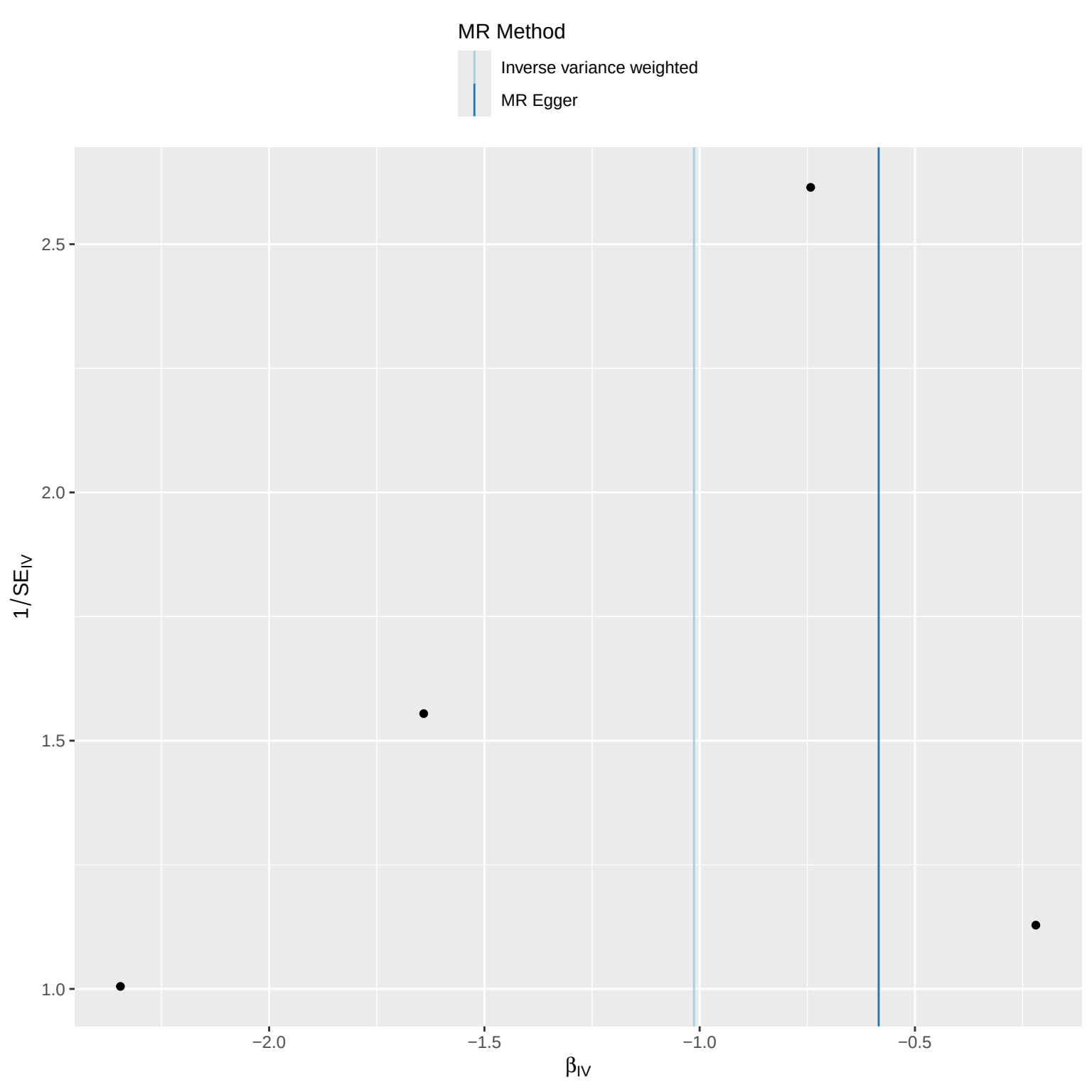

MR Method
Inverse variance weighted
MR Egger
3.0
2.7
2.4
2.1
1/SE_IV
0.4
0.5
β_IV

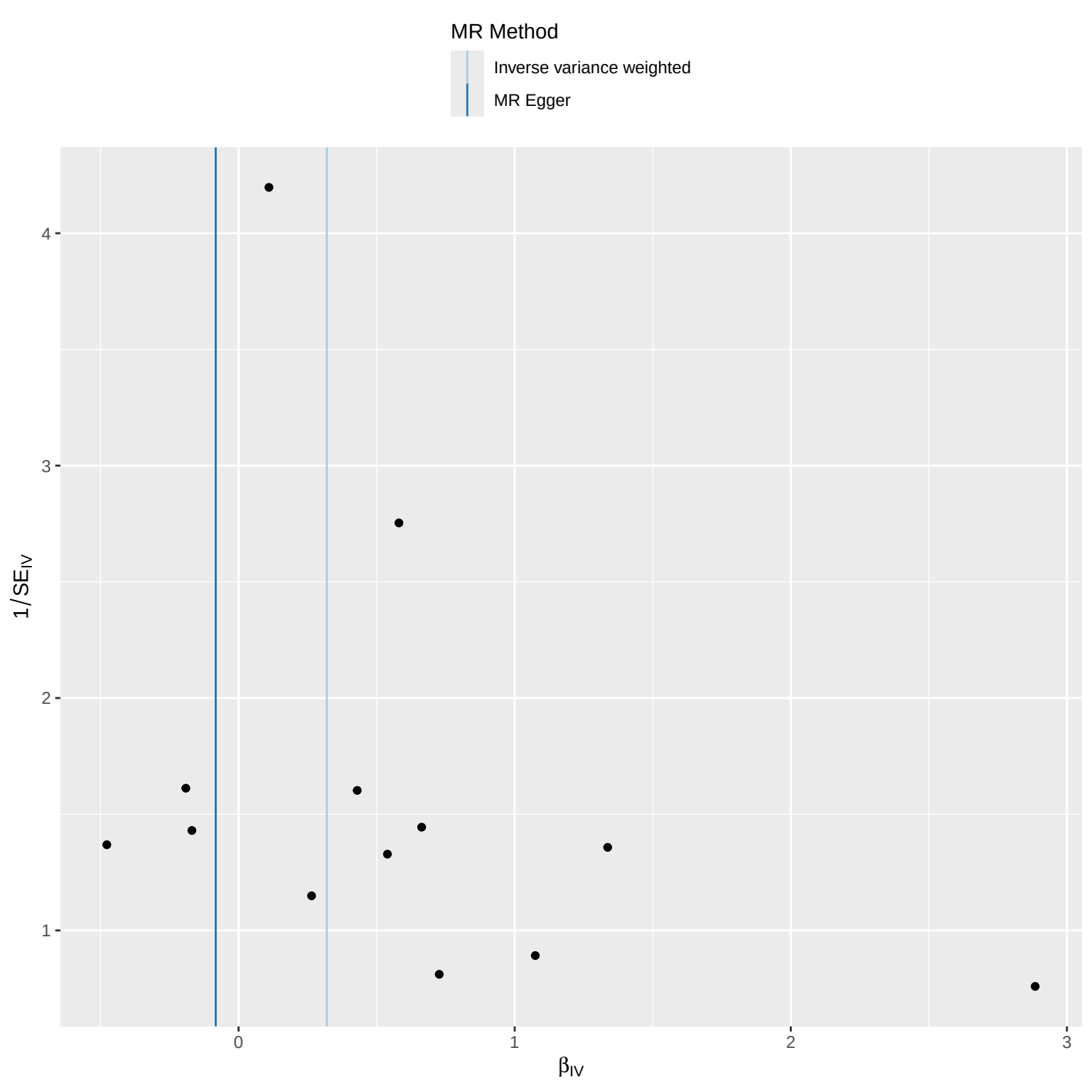

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

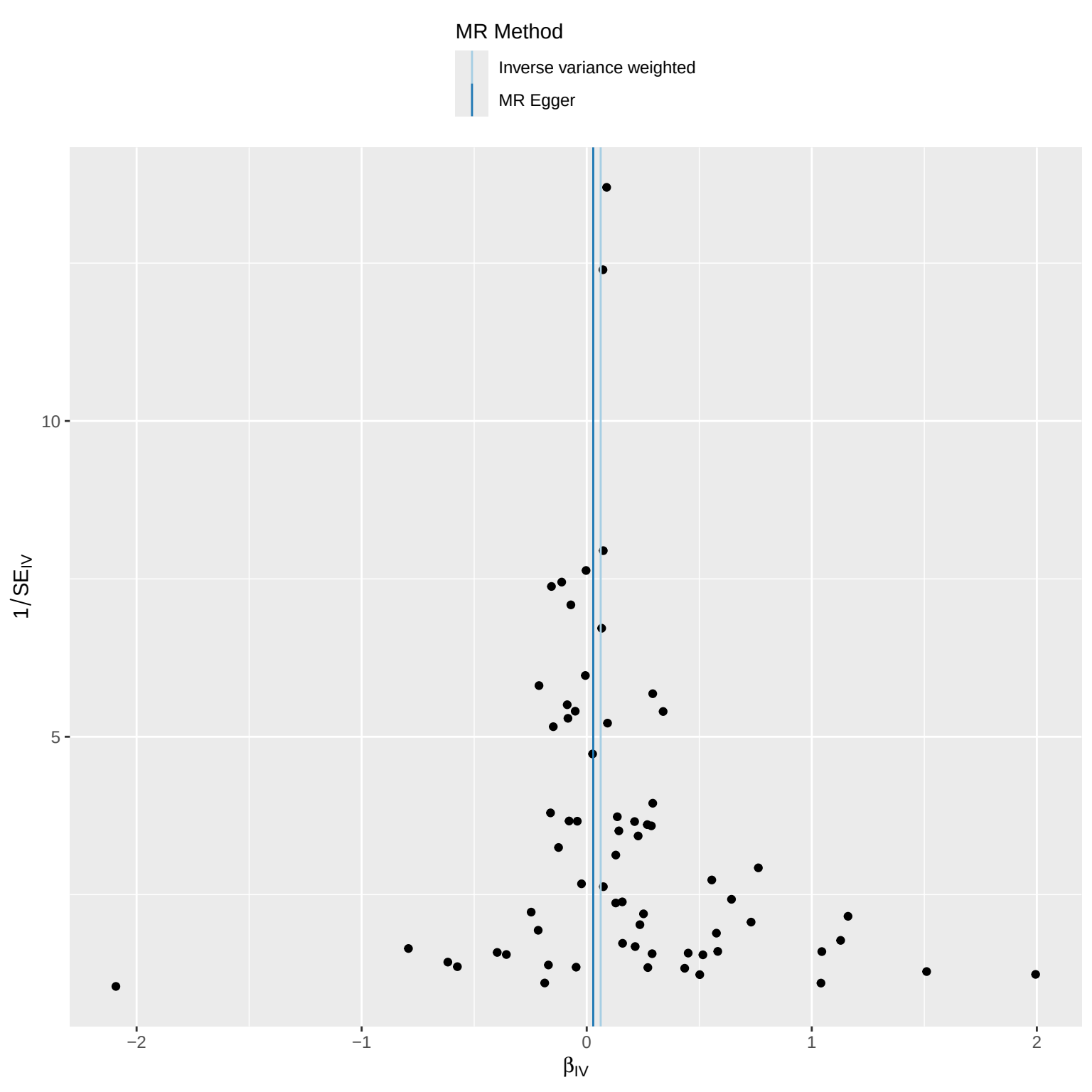

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

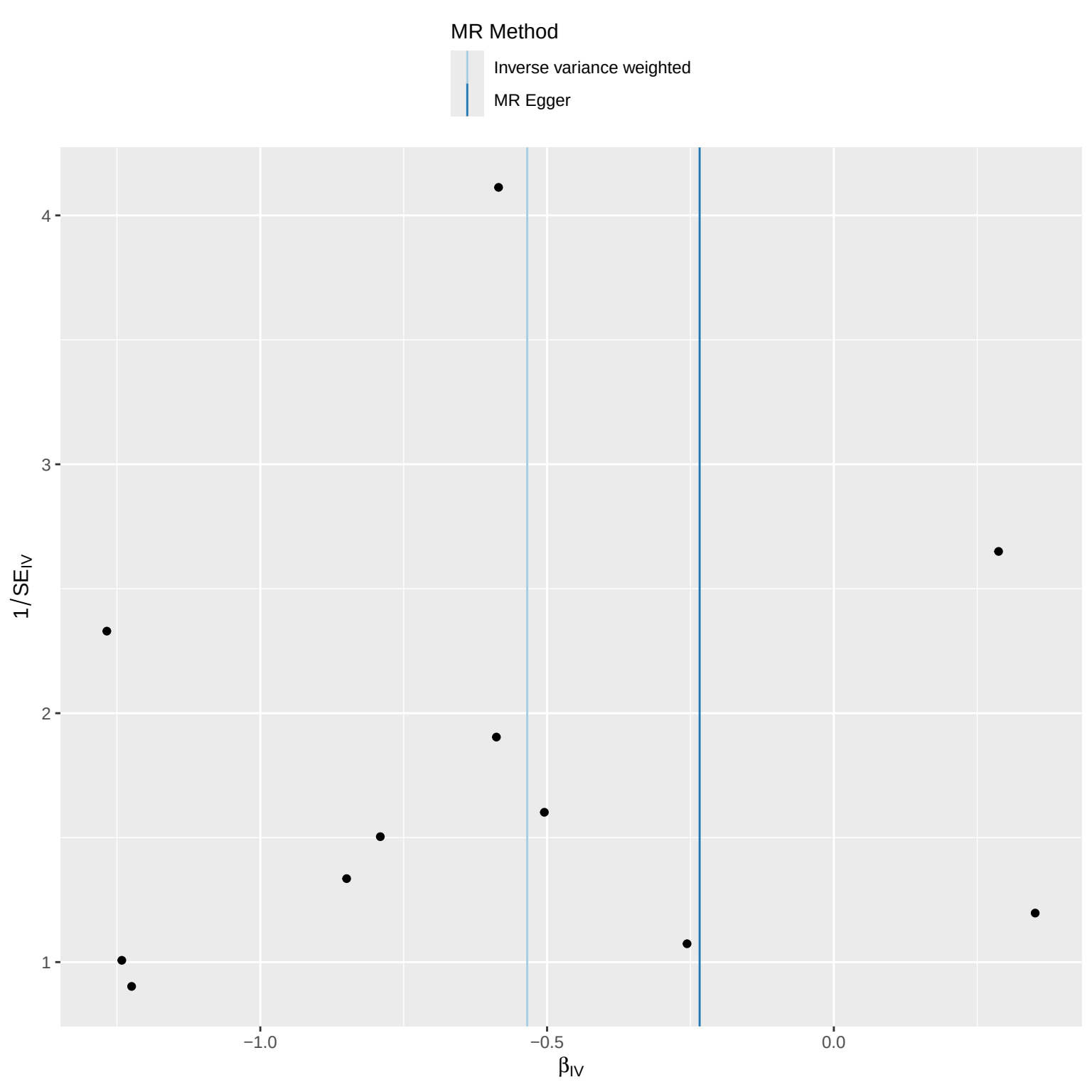

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.4
0.6
0.8
1.0
β_IV

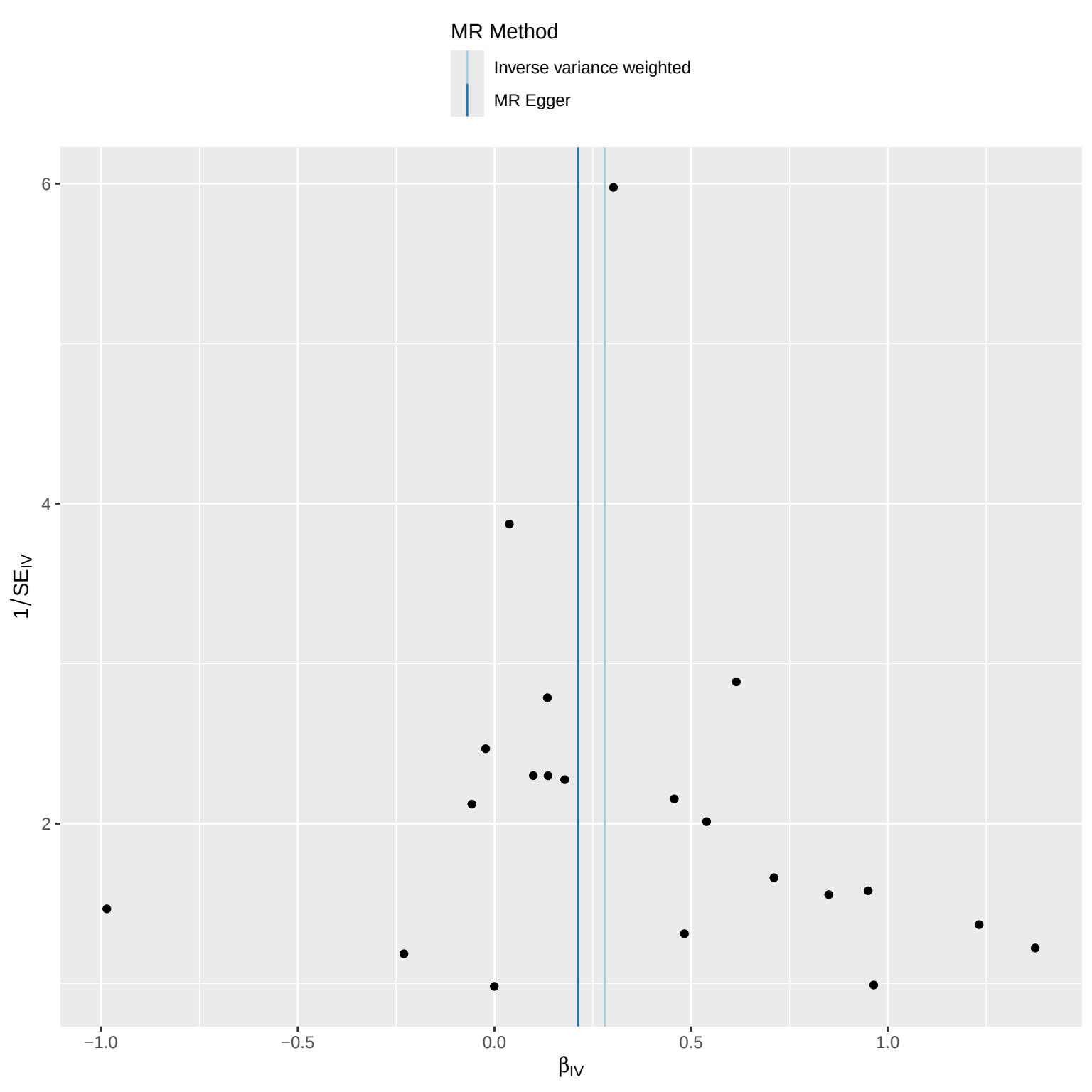

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0
1
β_IV

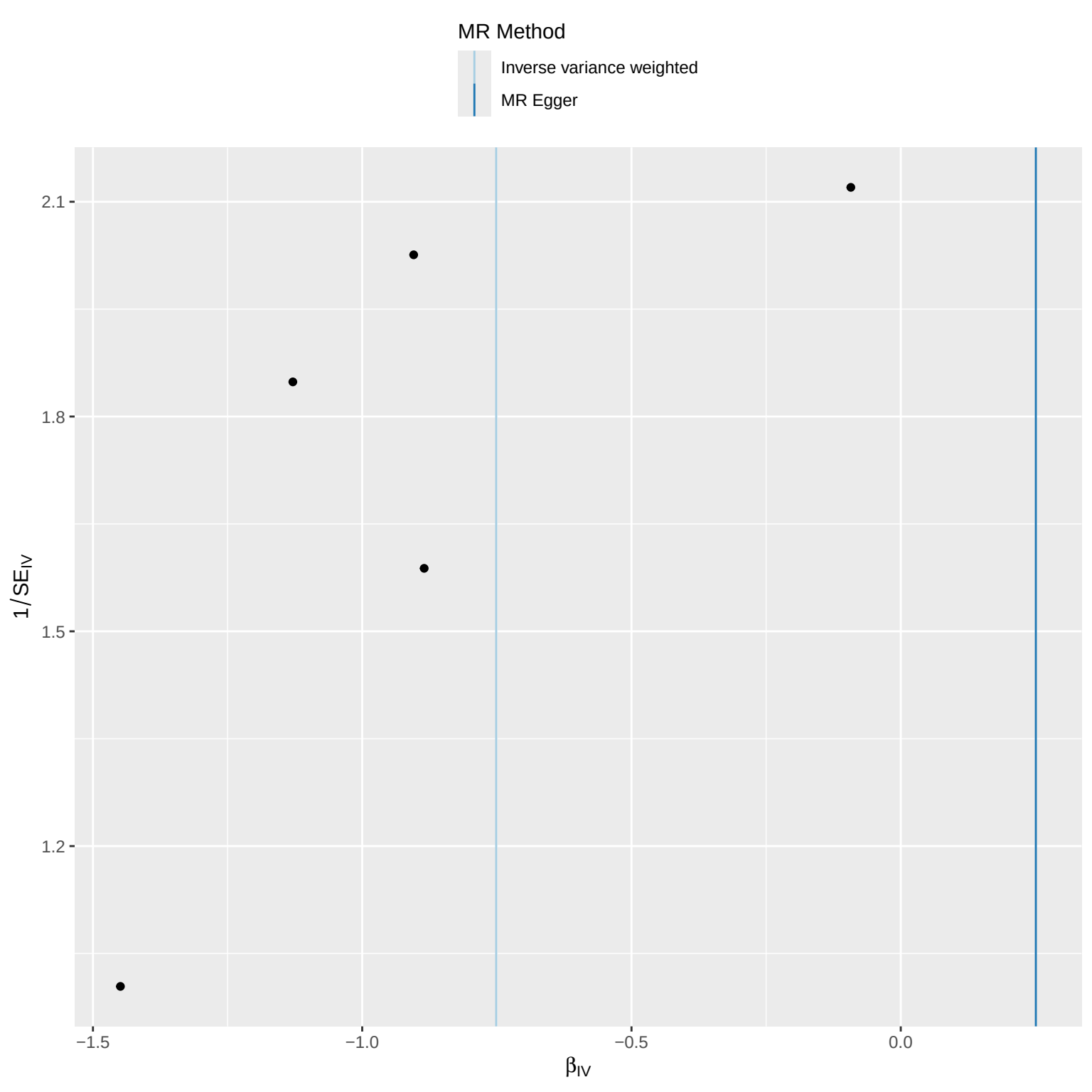

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

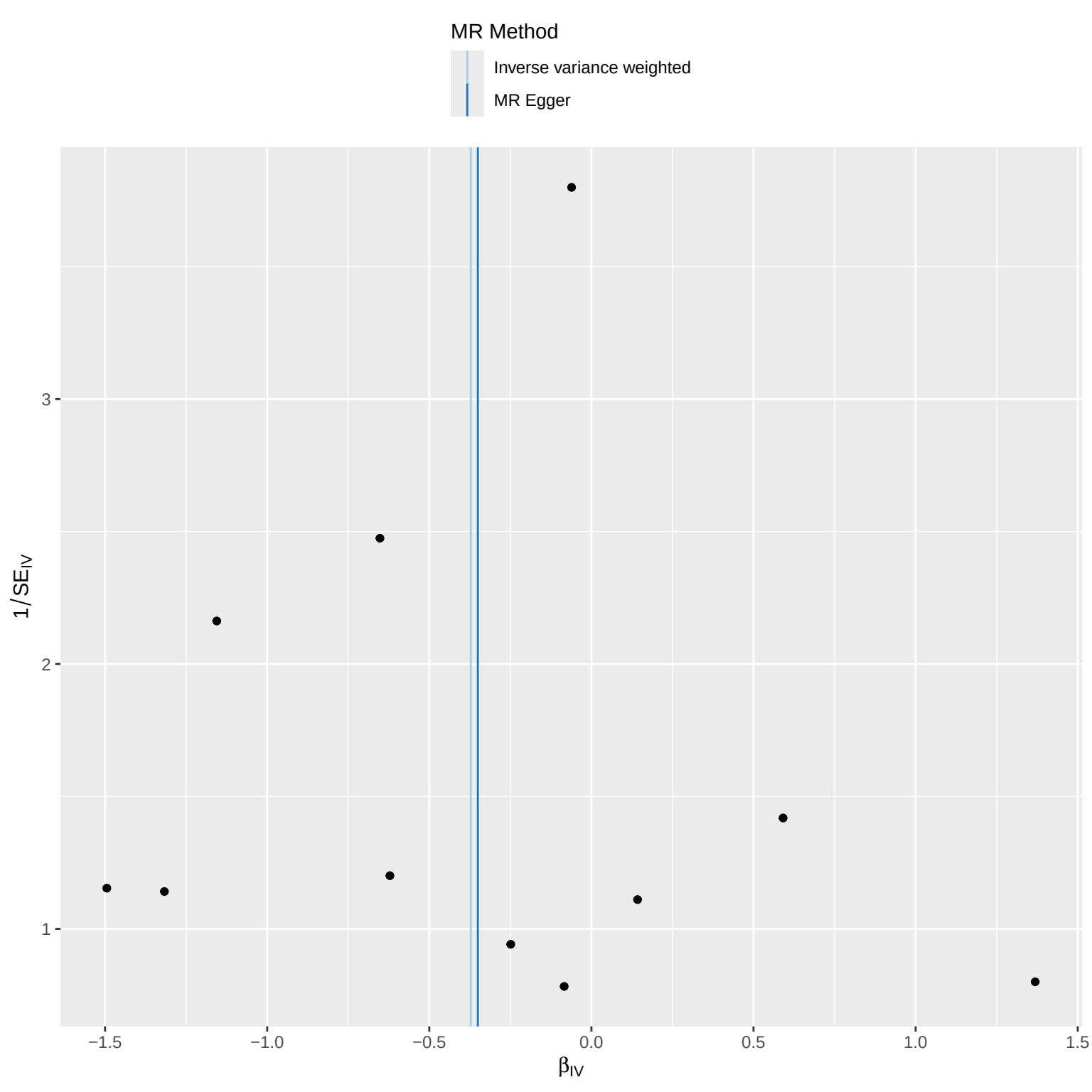

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

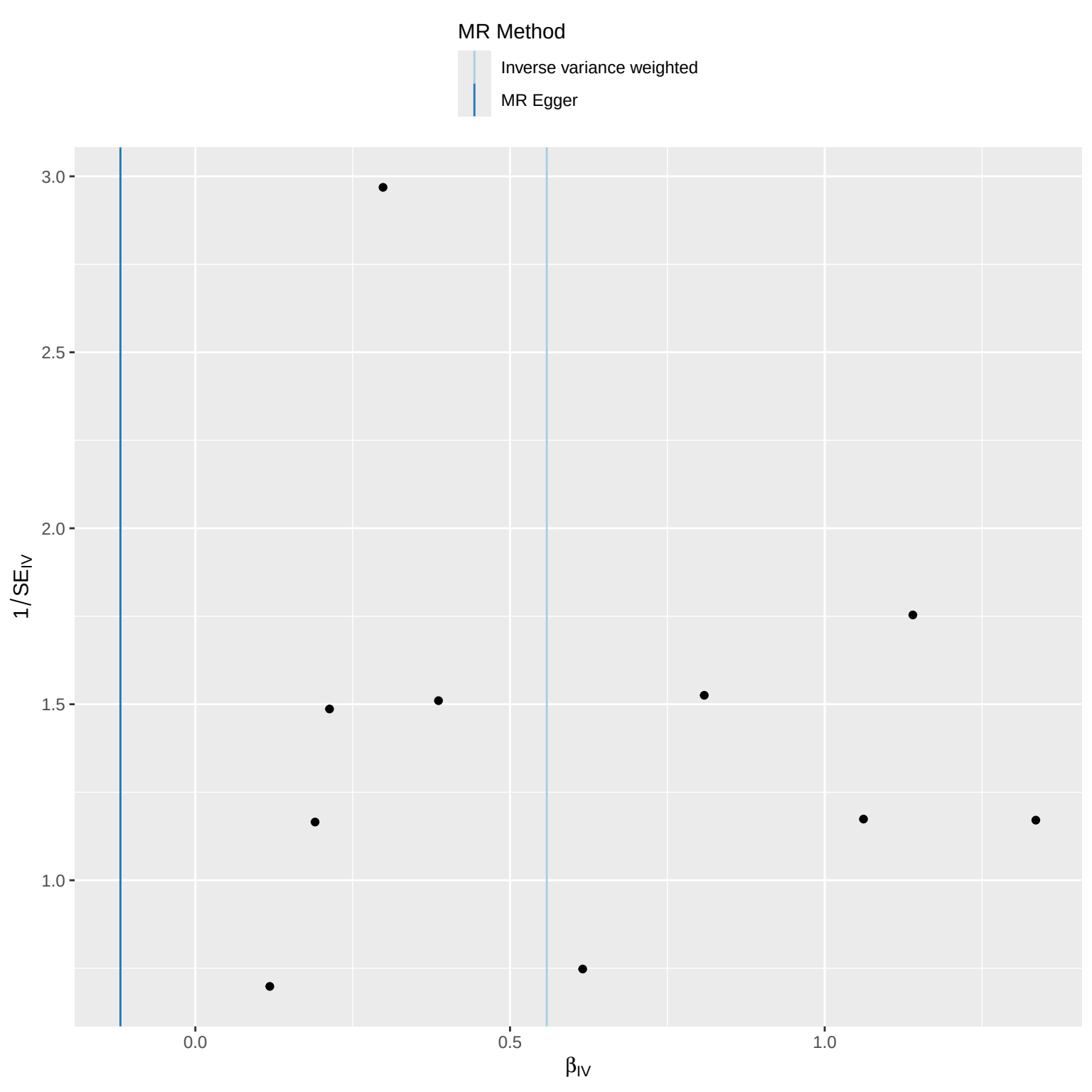

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−2
−1
0
1
2
β_IV

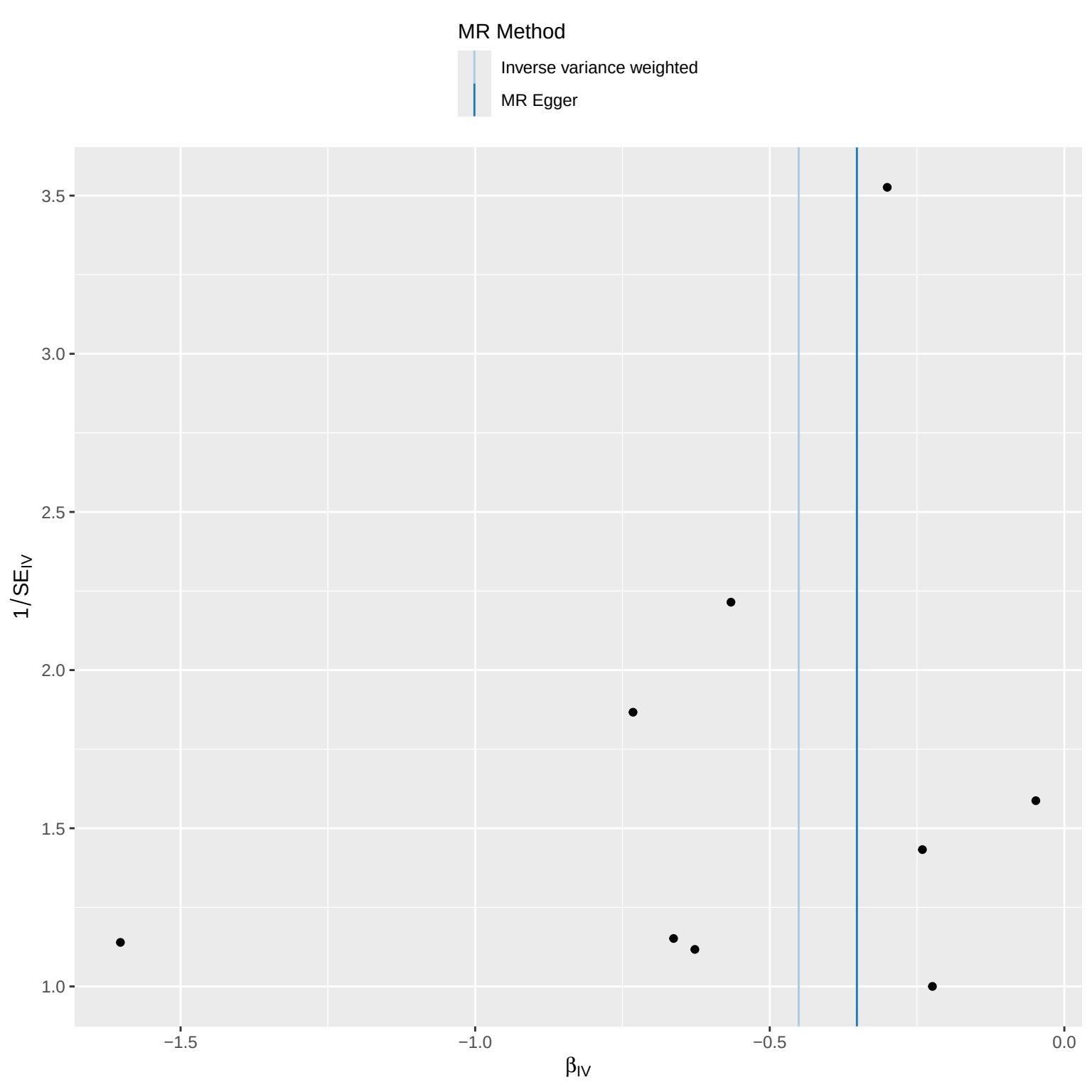

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
β_IV

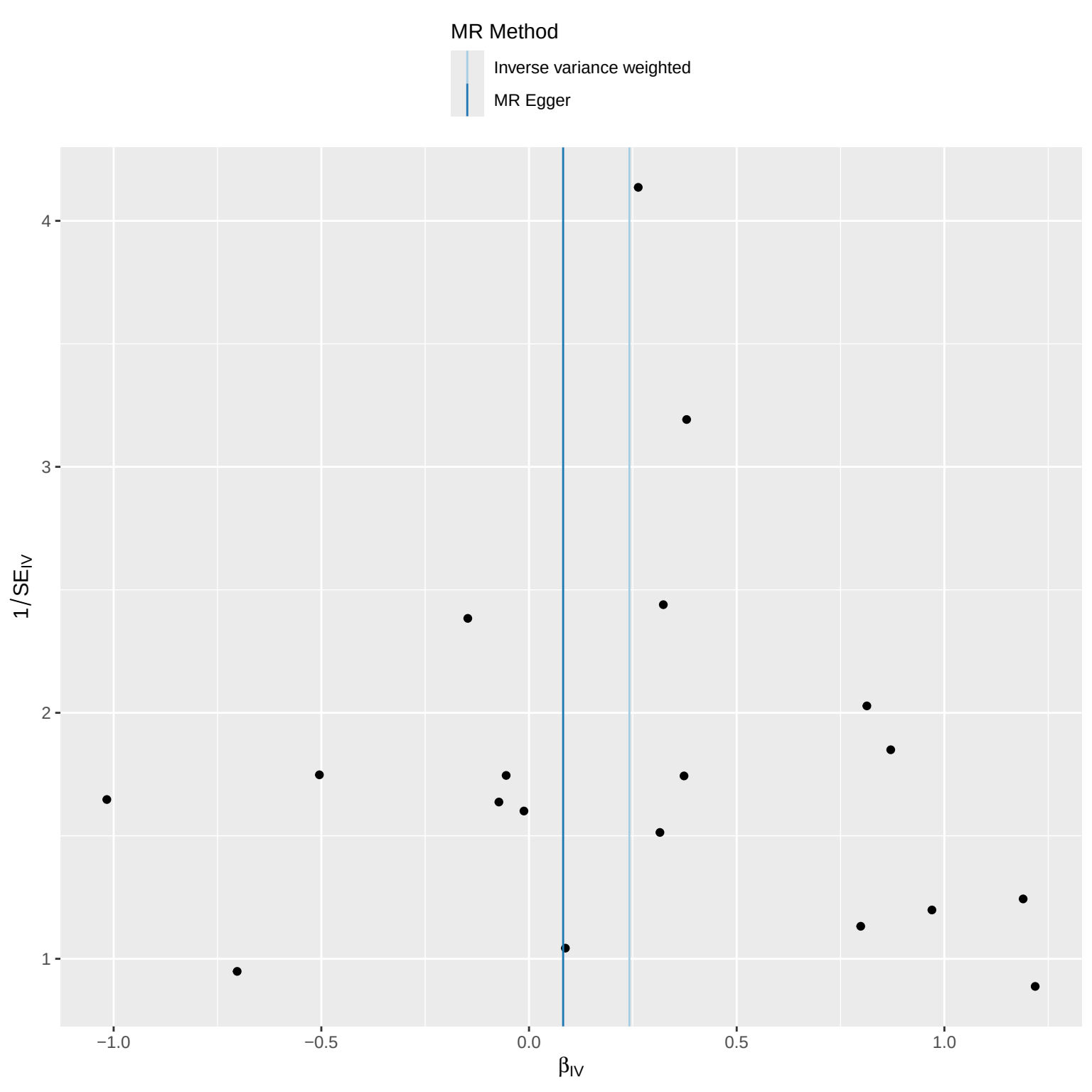

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

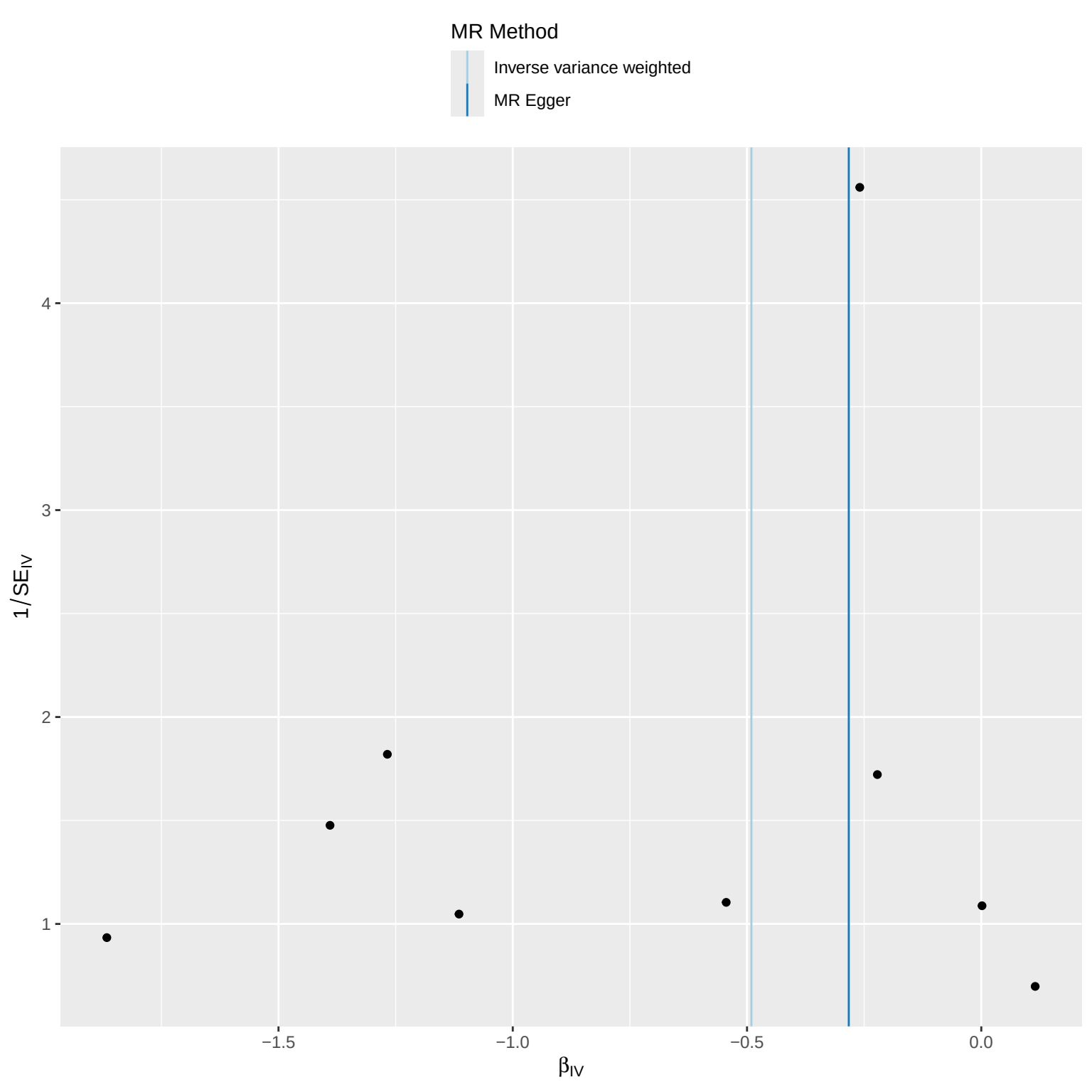

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

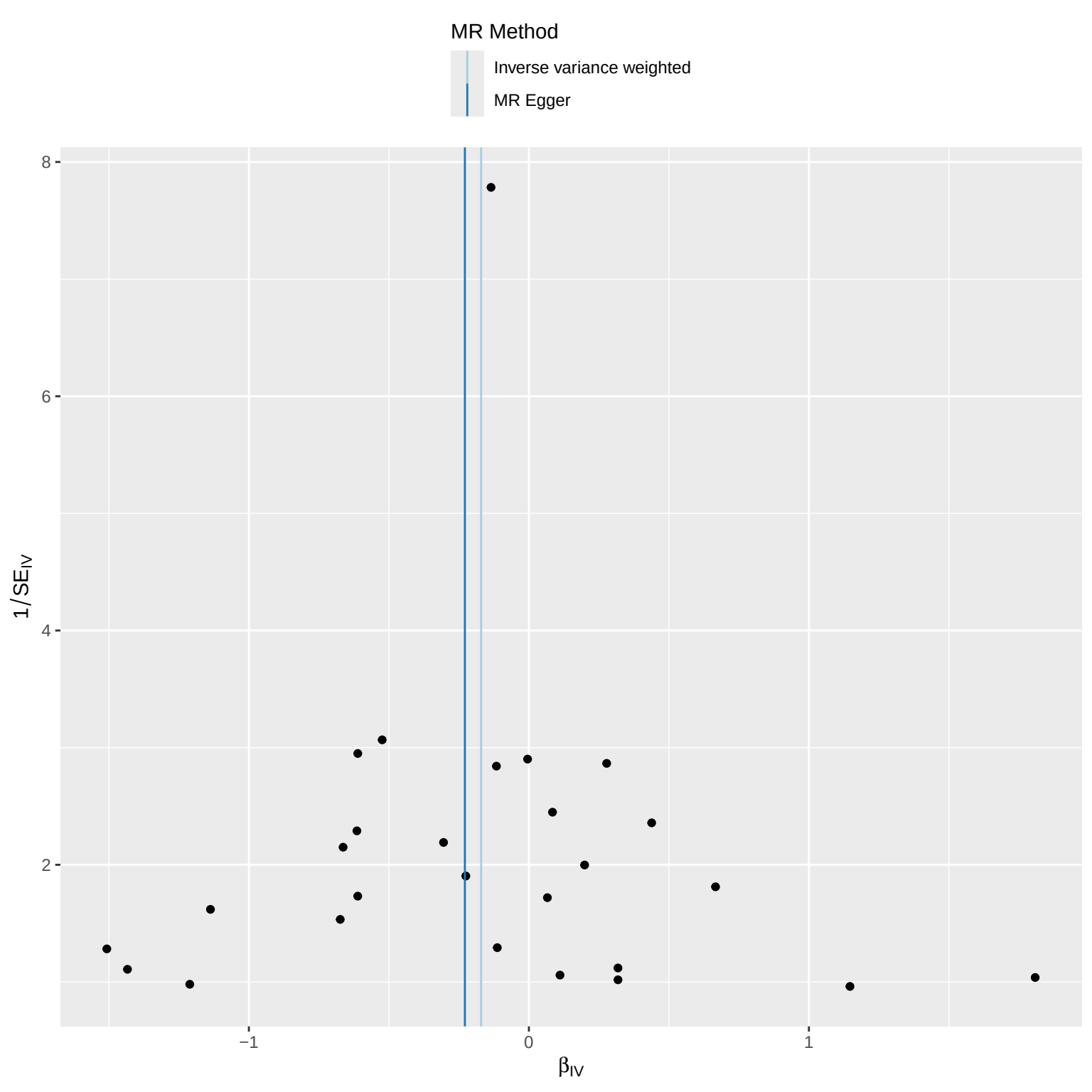

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

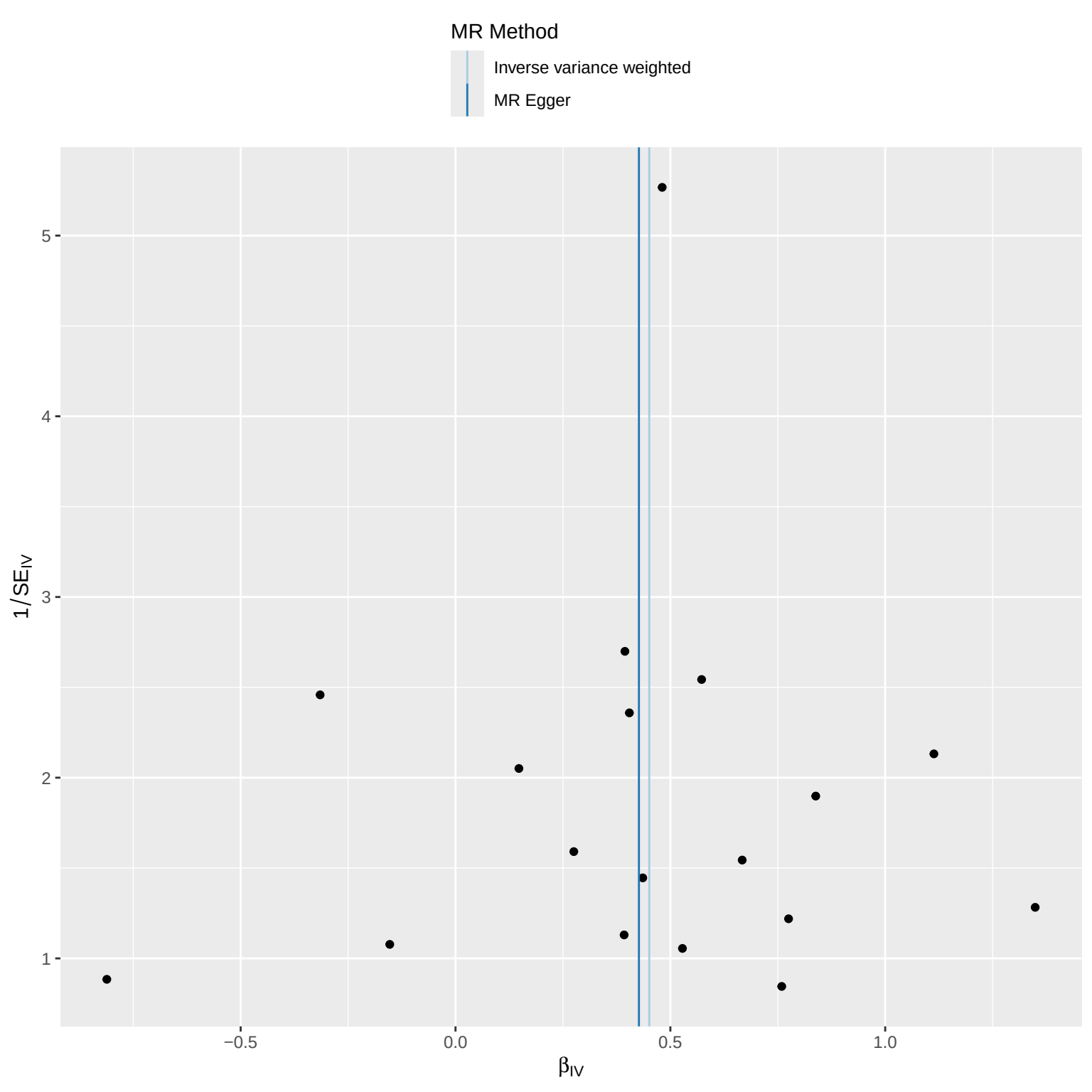

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
β_IV

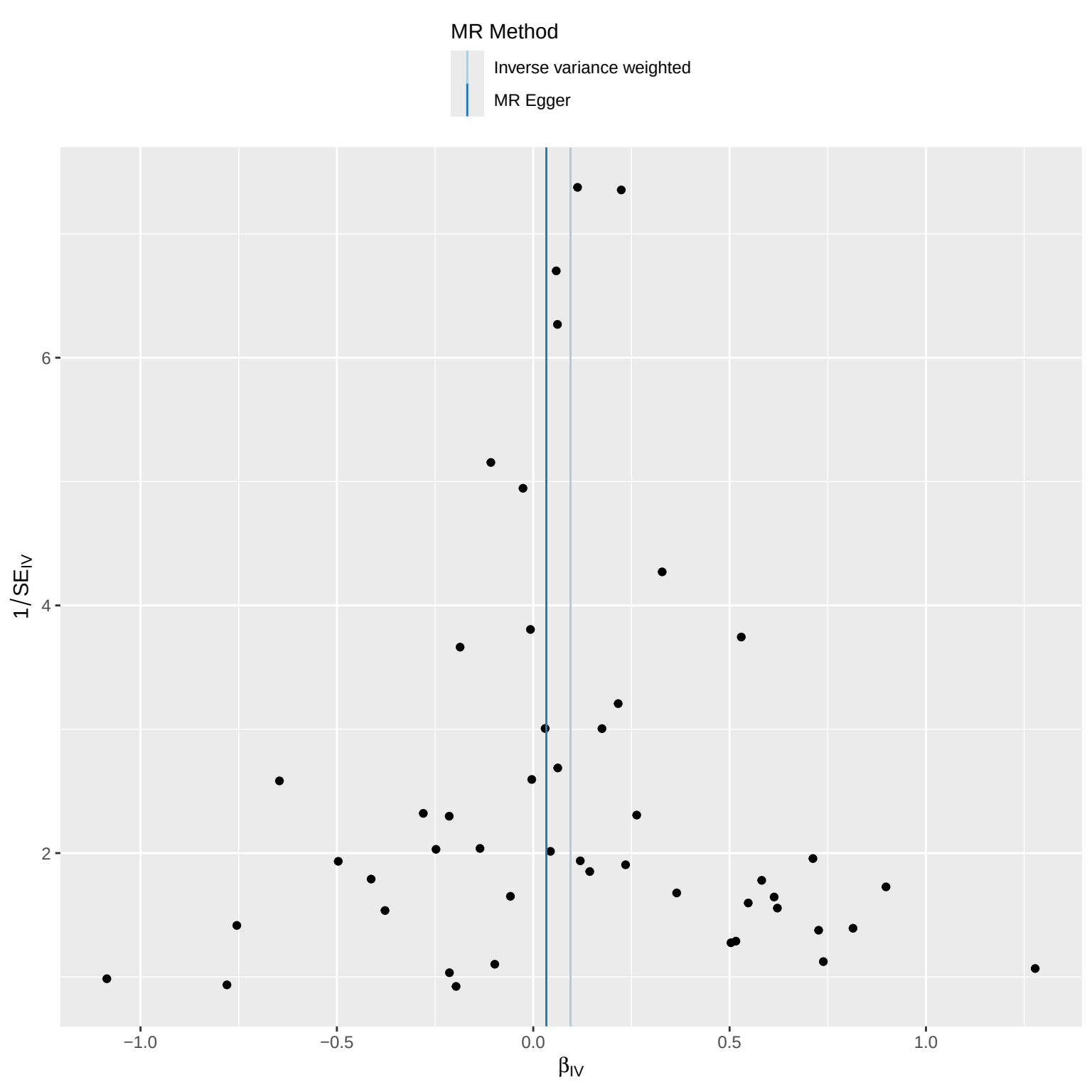

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

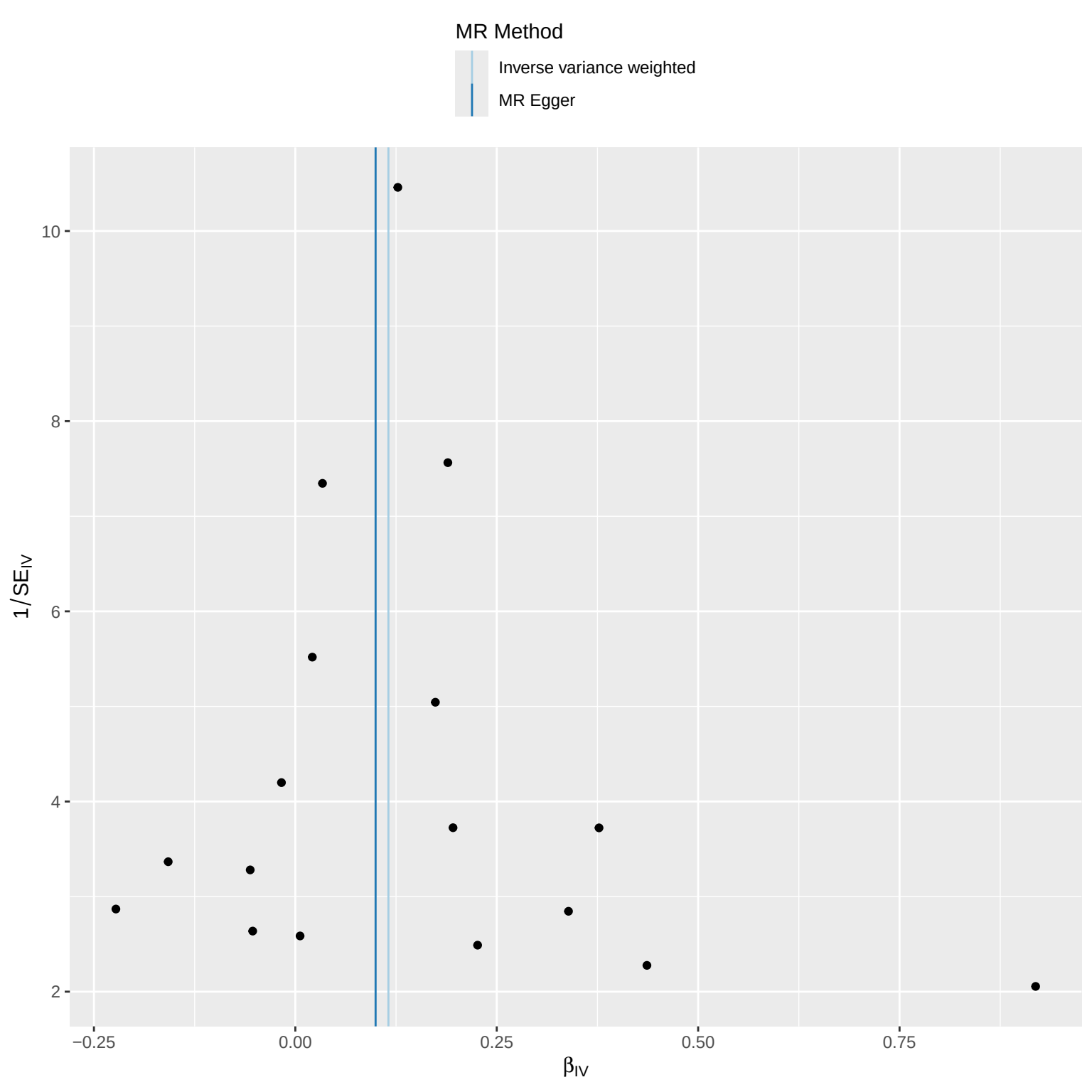

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

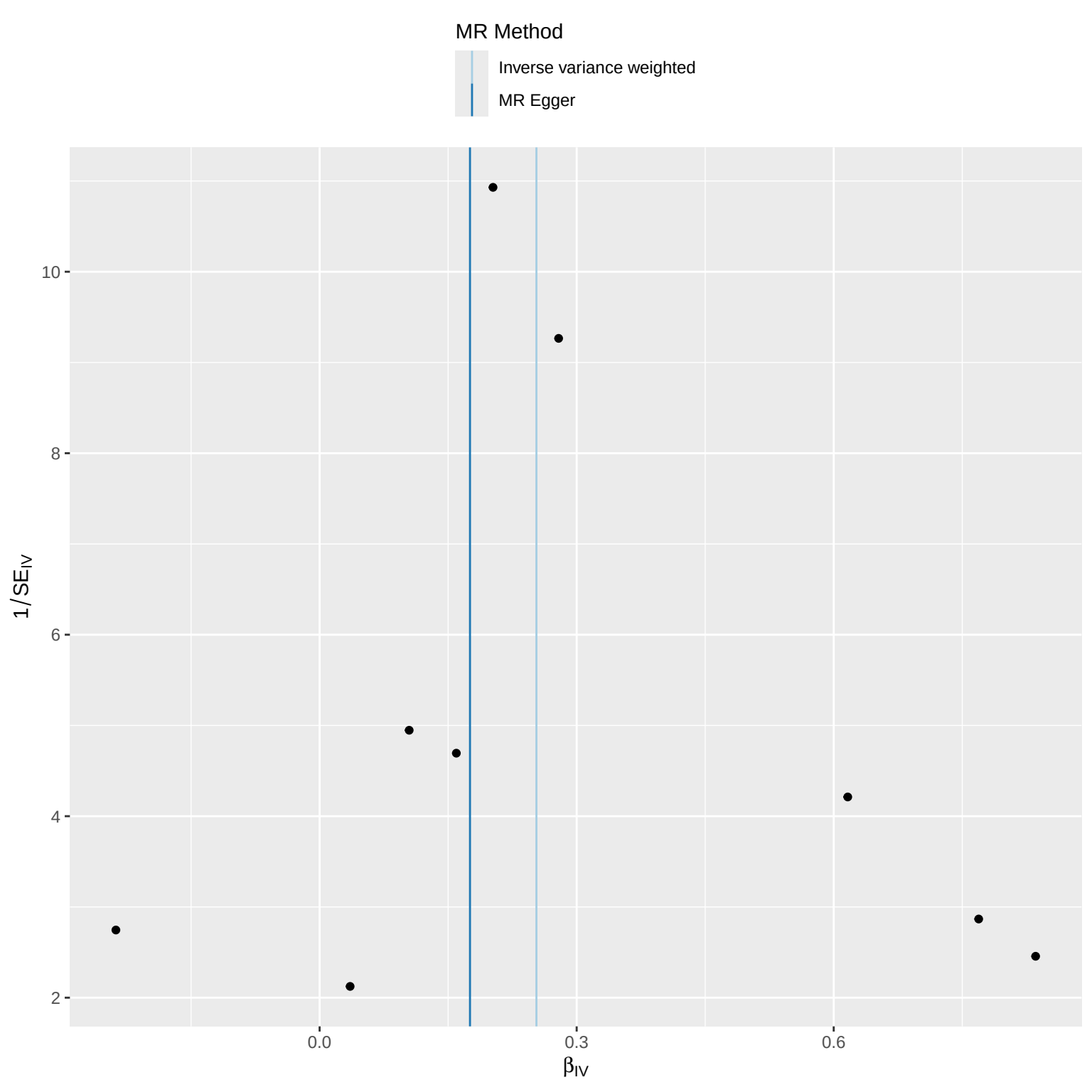

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

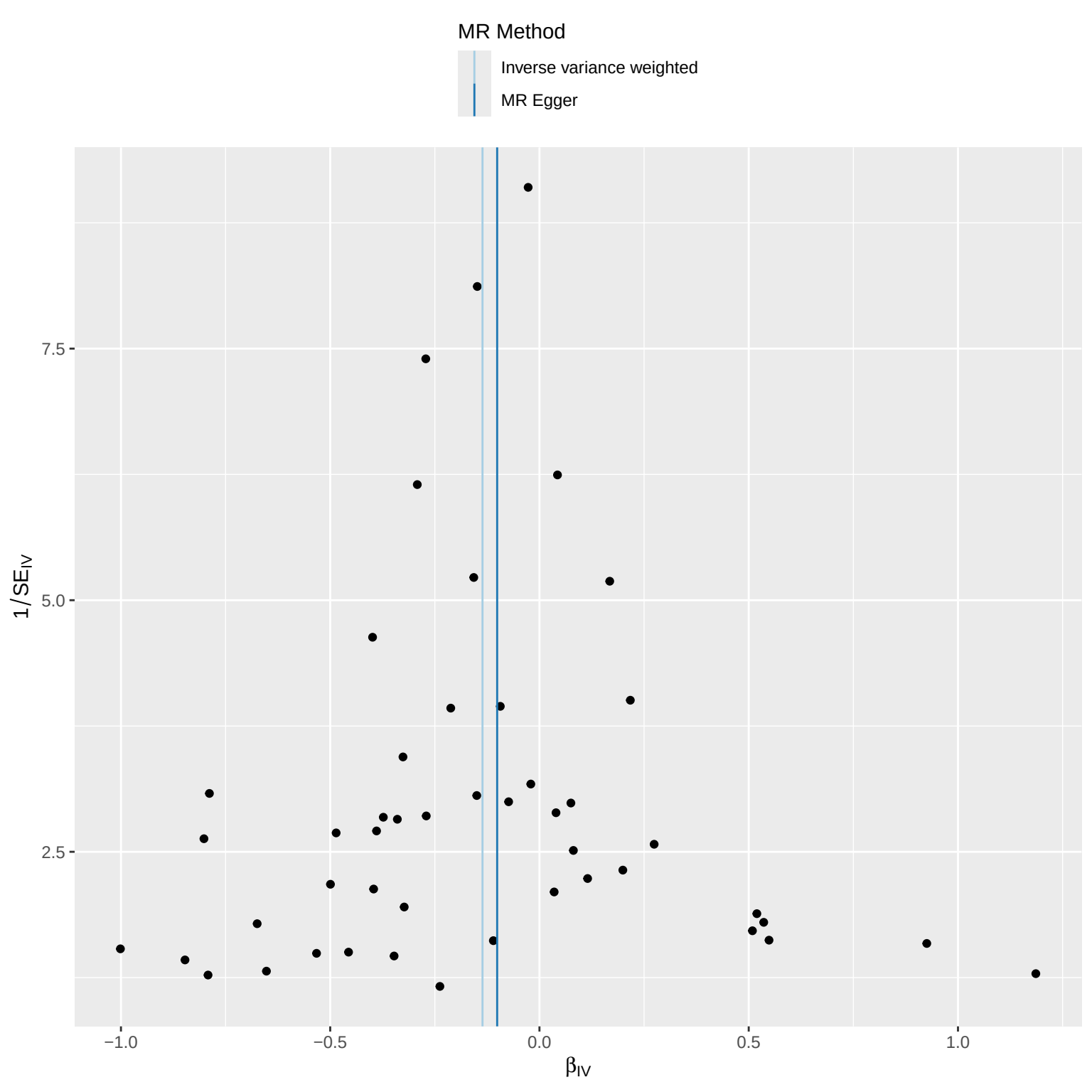

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

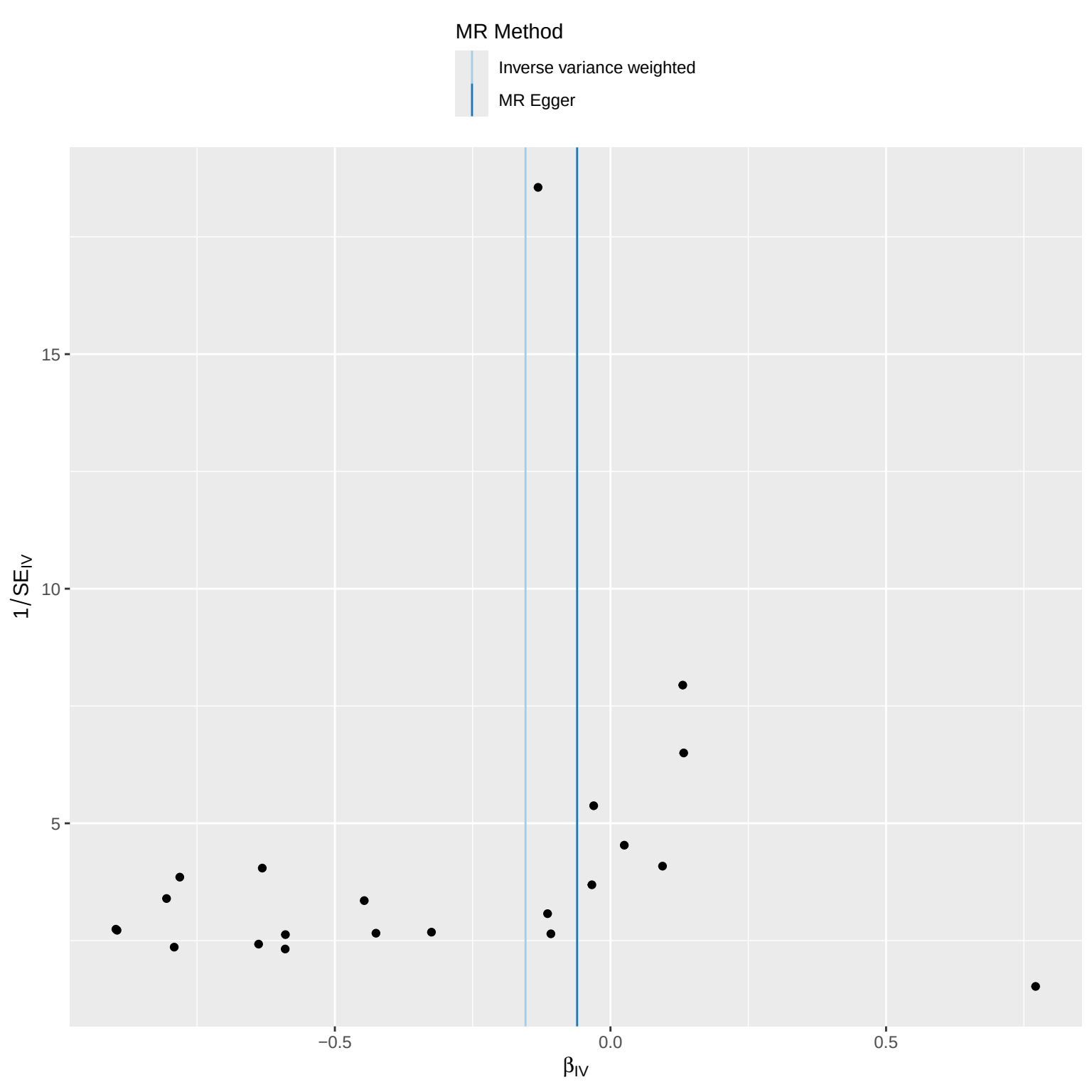

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

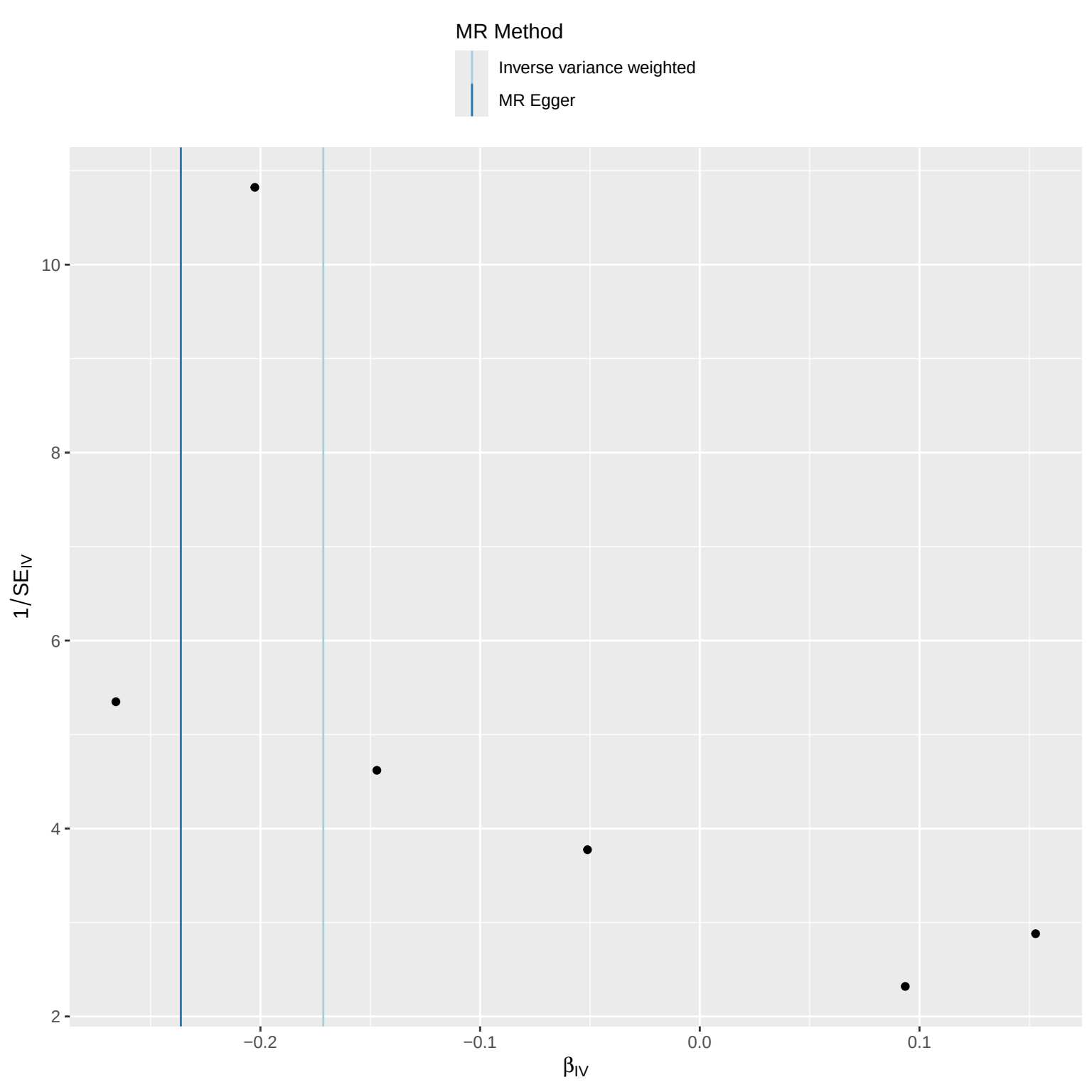

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

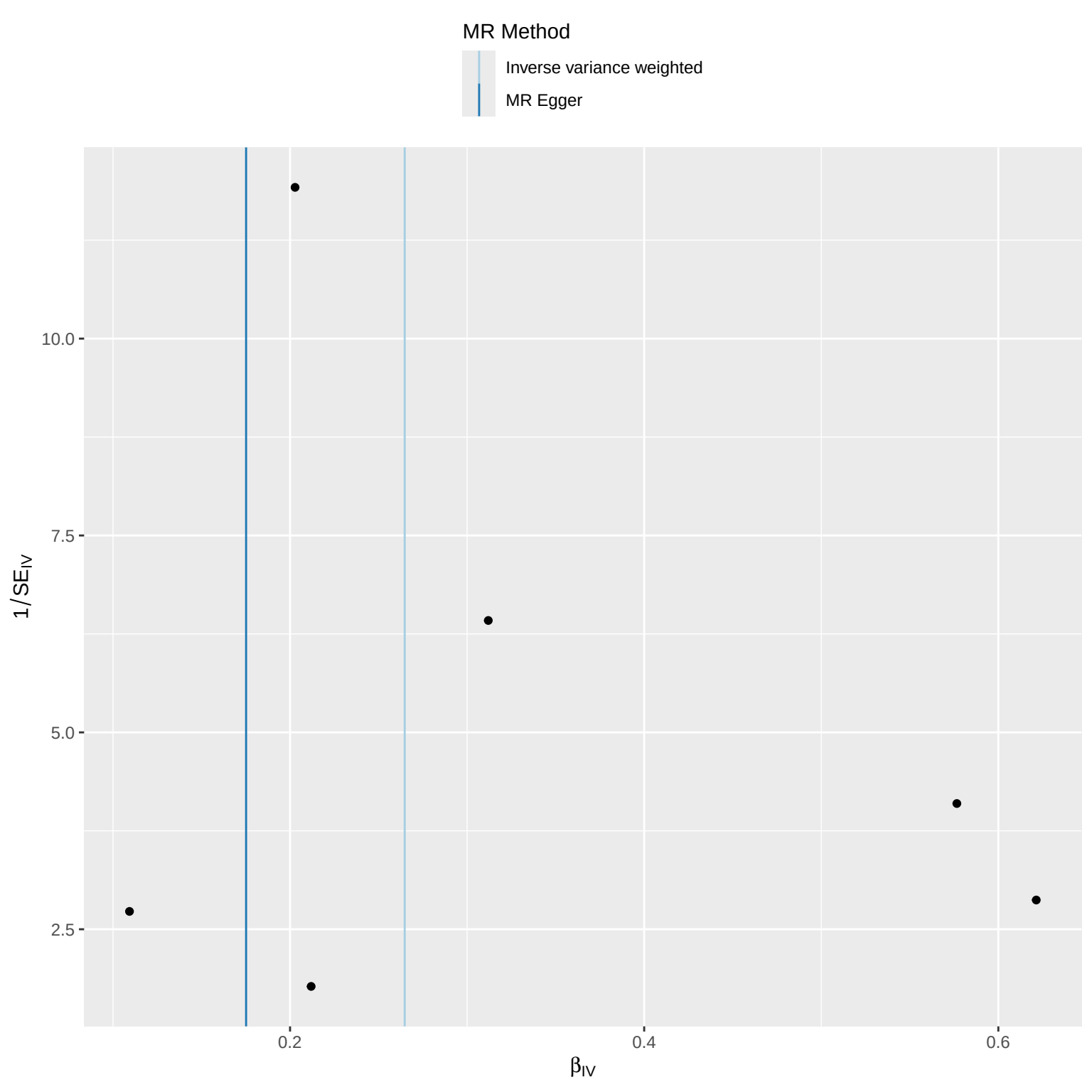

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
−0.25
0.00
0.25
0.50
0.75
β_IV

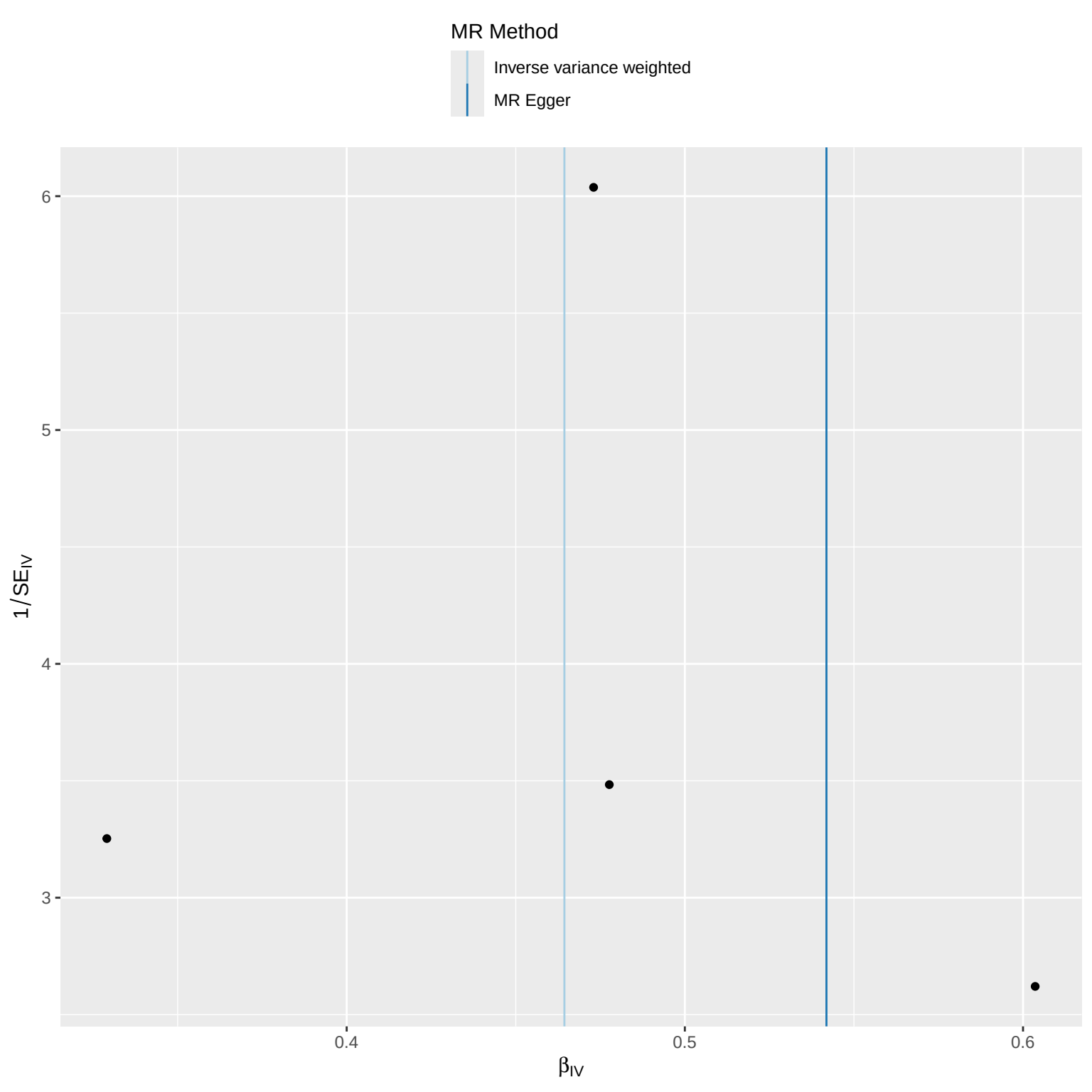

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
0.0
0.3
0.6
β_IV

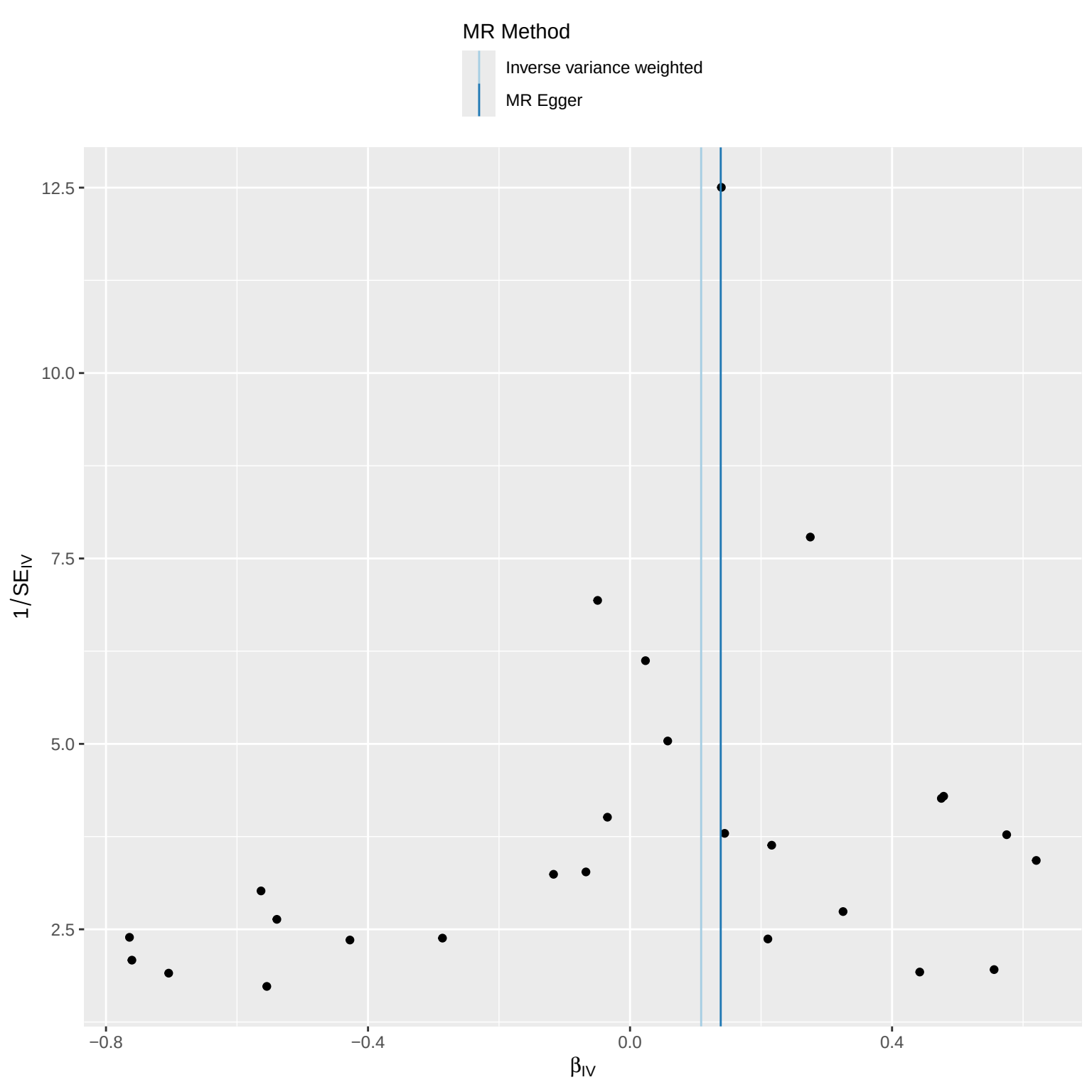

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

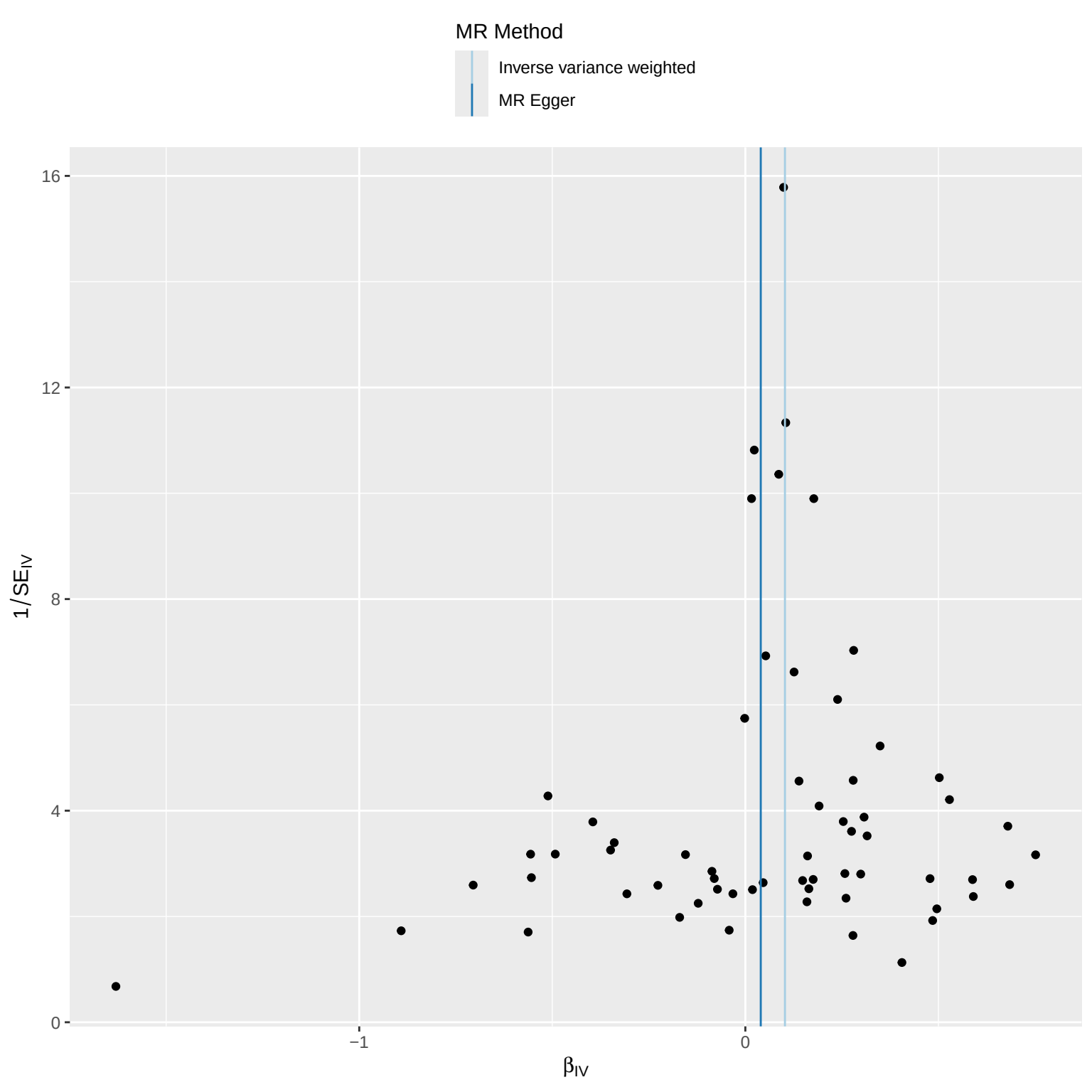

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.5
0.0
0.5
β_IV

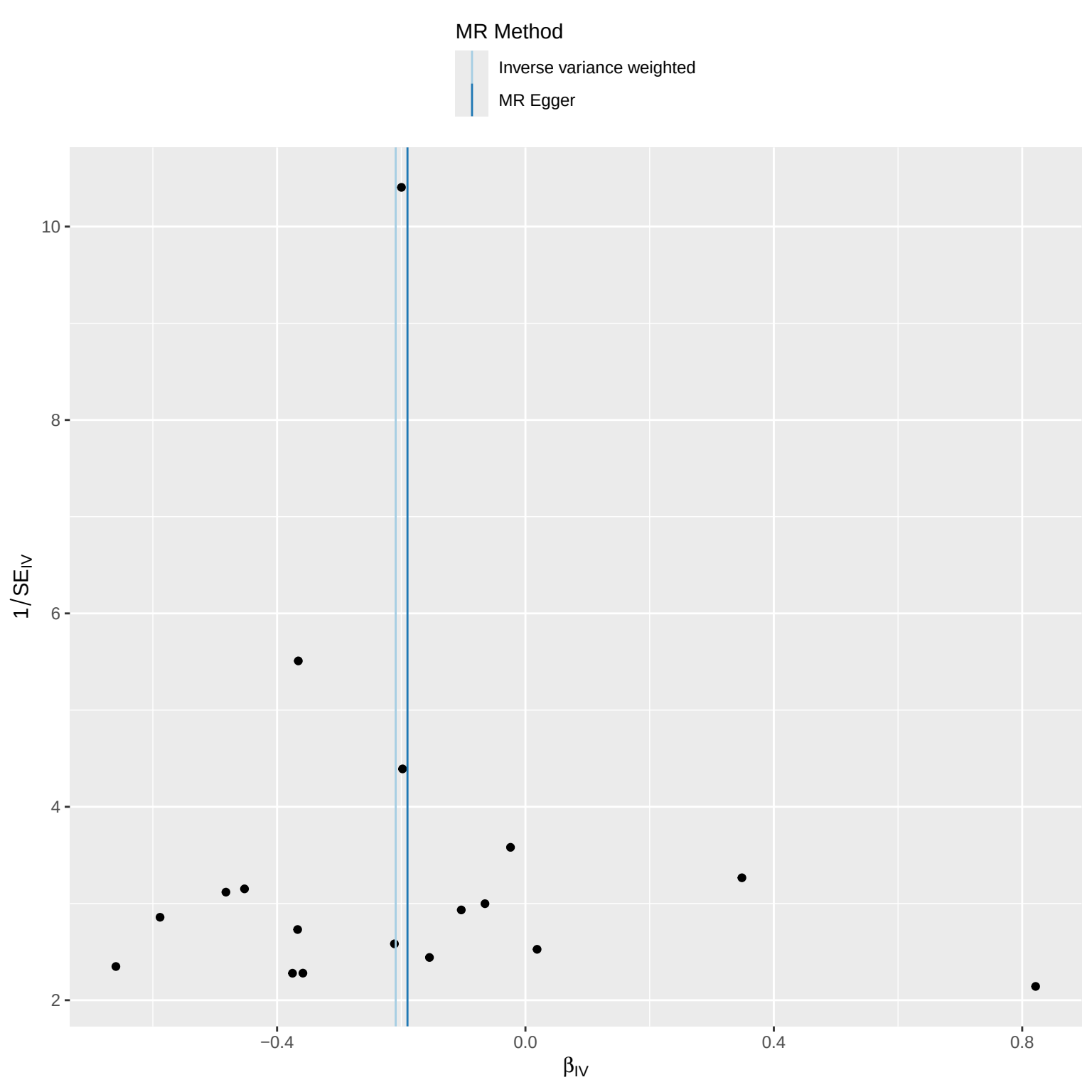

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
−0.2
−0.1
0.0
0.1
β_IV

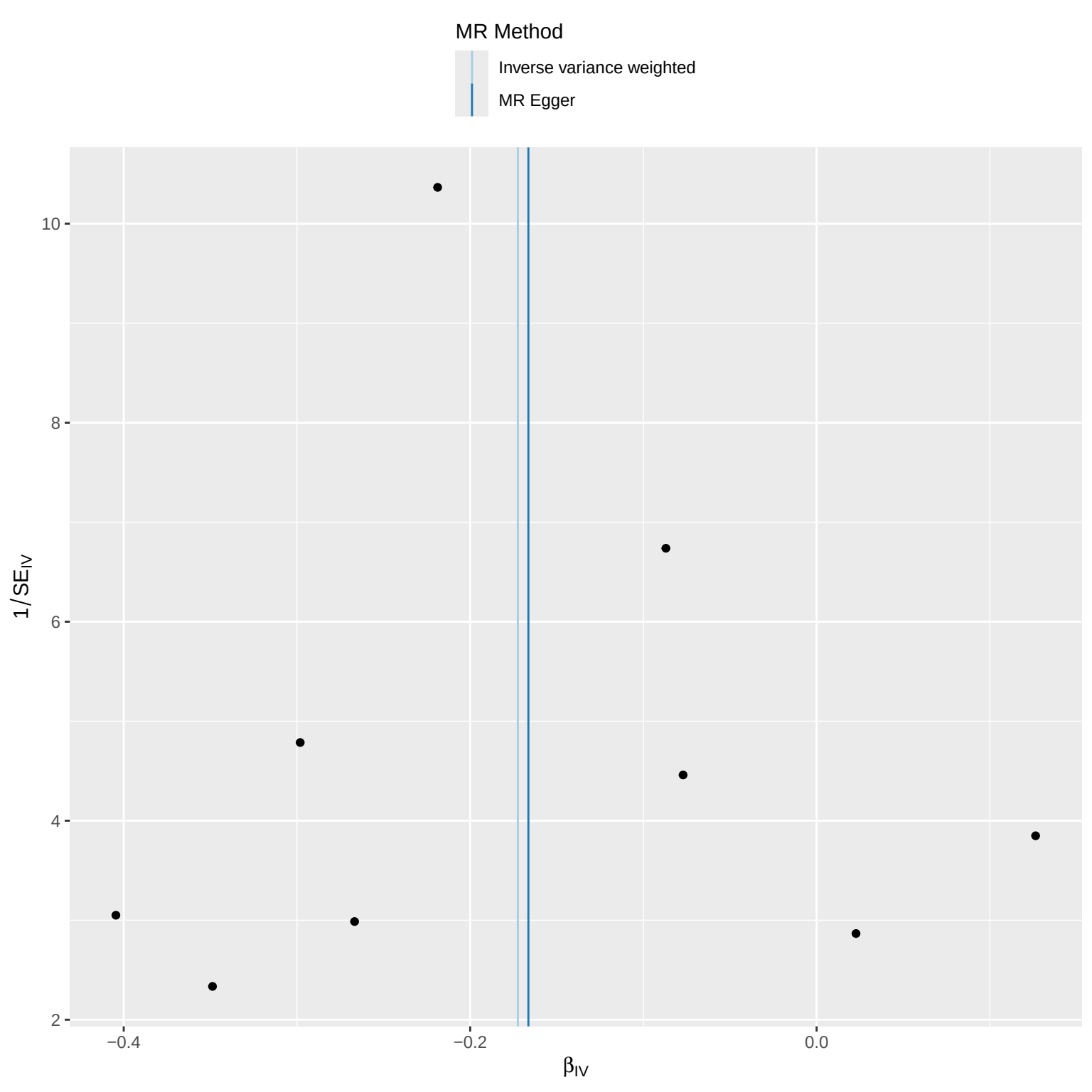

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
0.2
0.4
0.6
β_IV

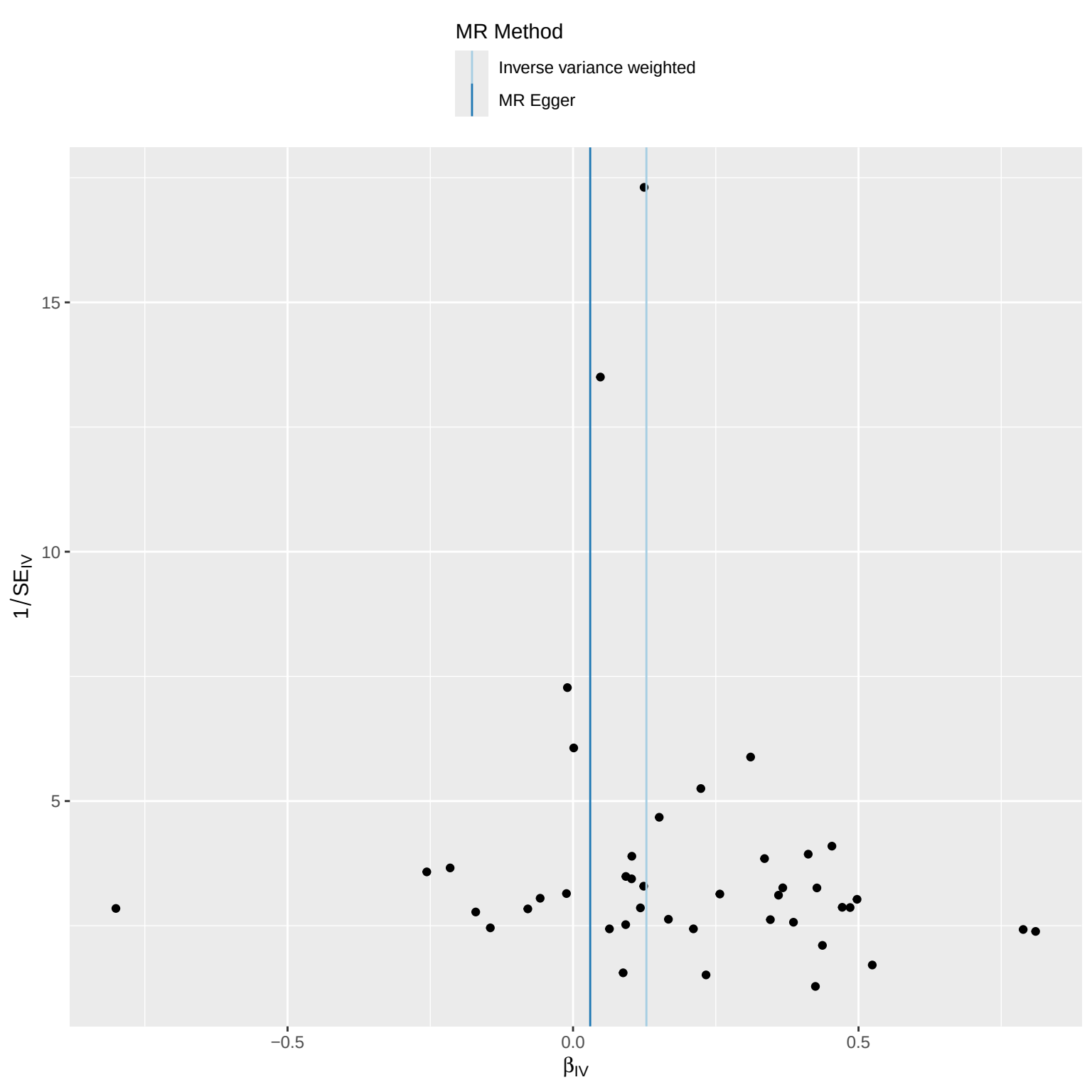

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
1/SE_IV
0.4
0.5
0.6
β_IV

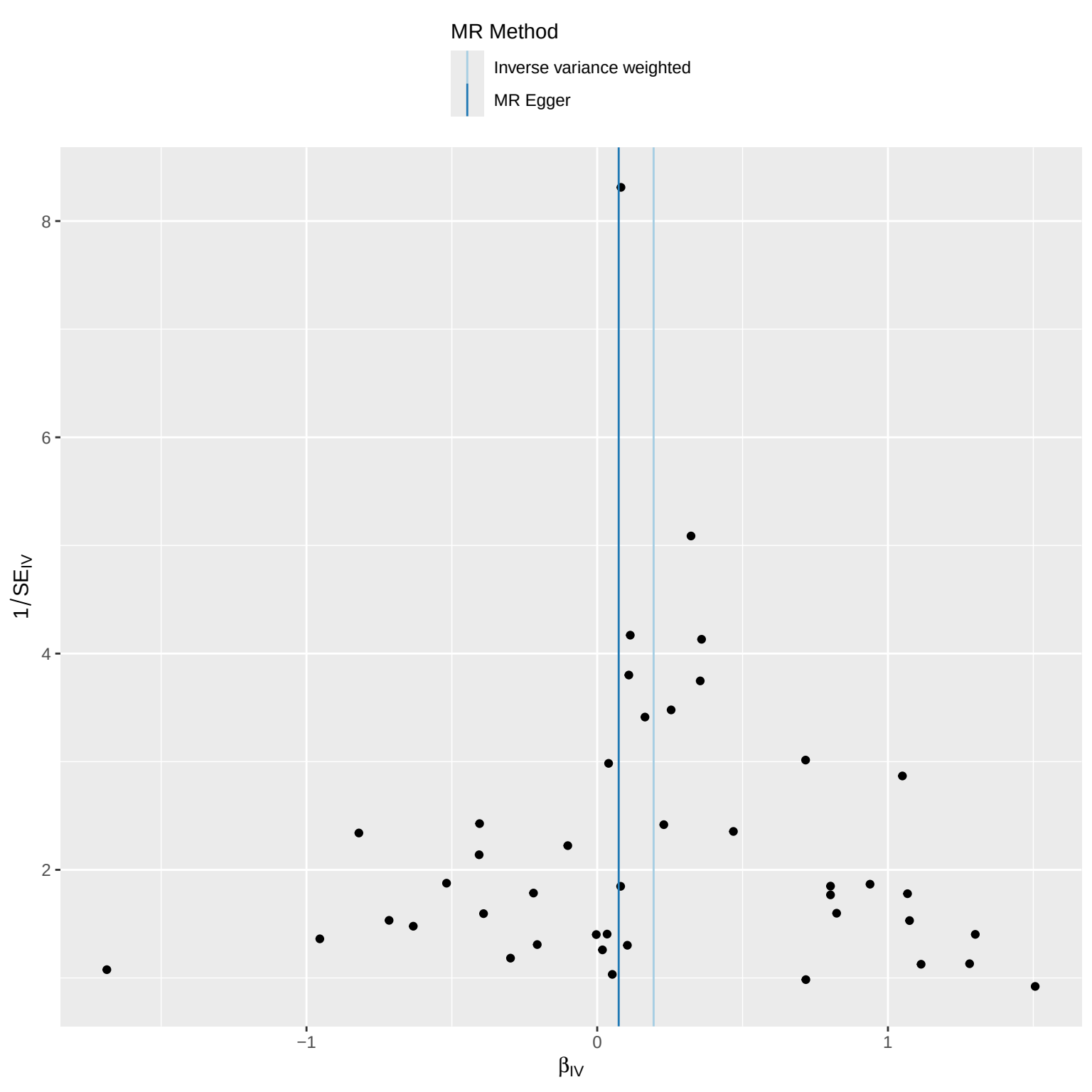

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

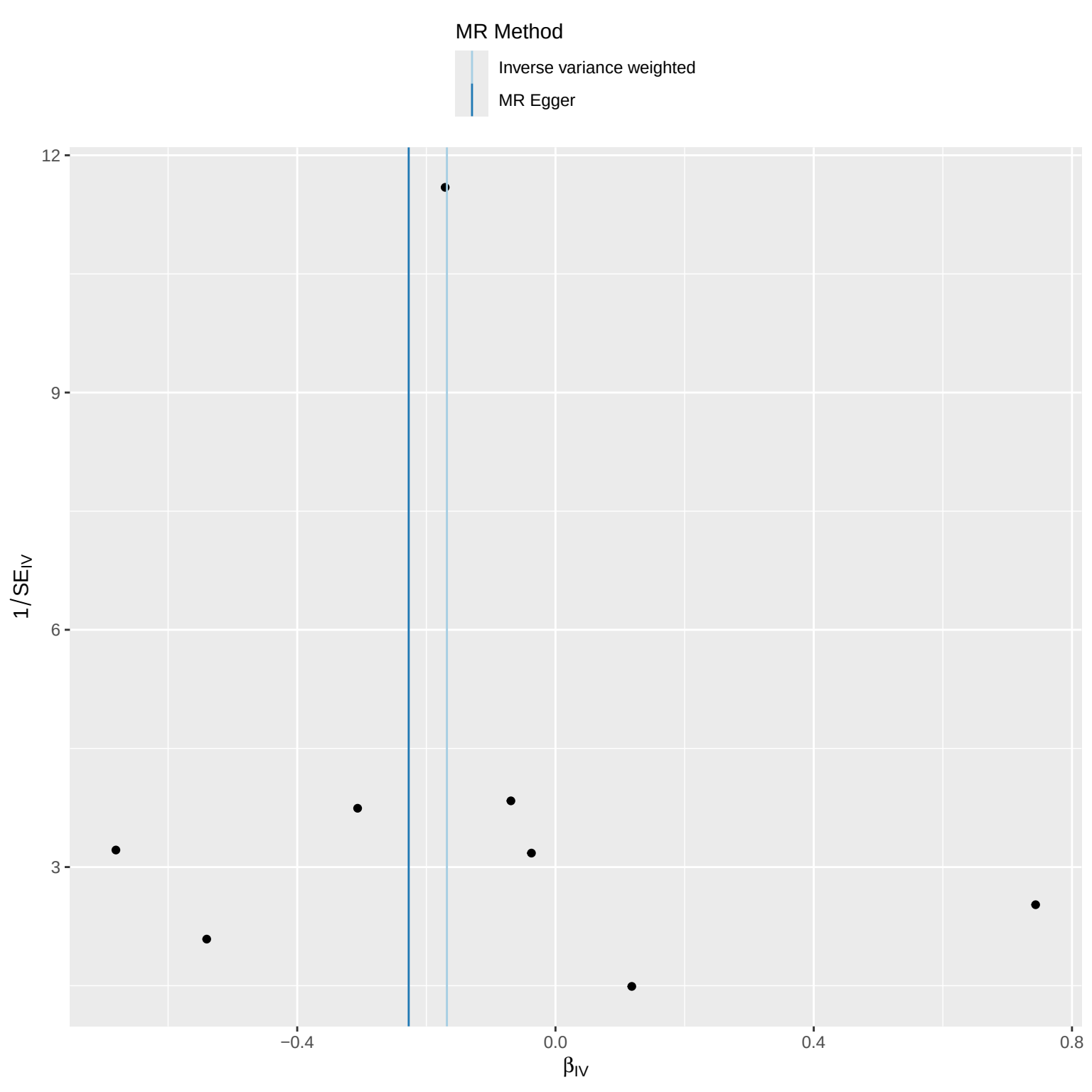

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
0
1/SE_IV
−1
0
β_IV

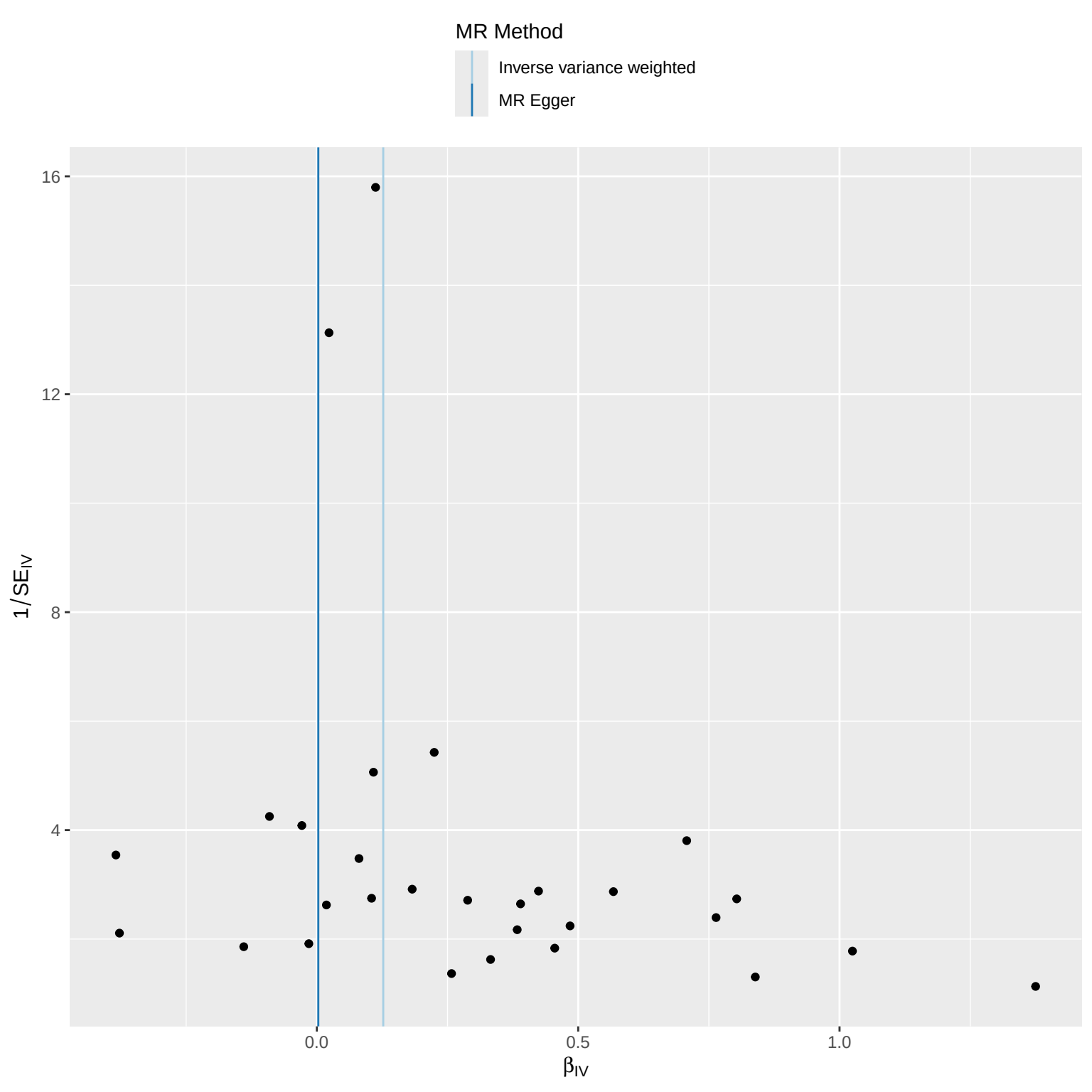

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

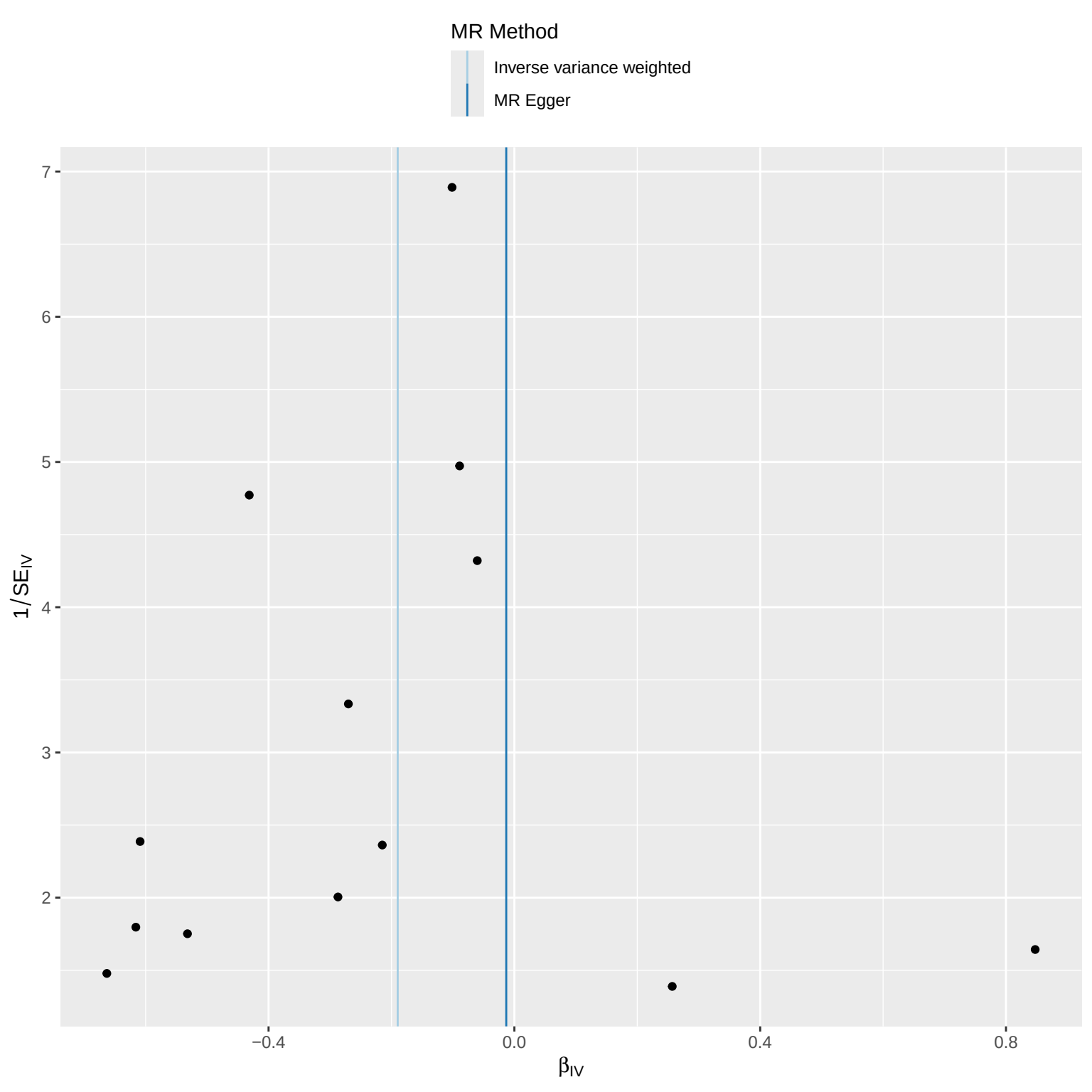

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
−0.4
−0.2
0.0
β_IV

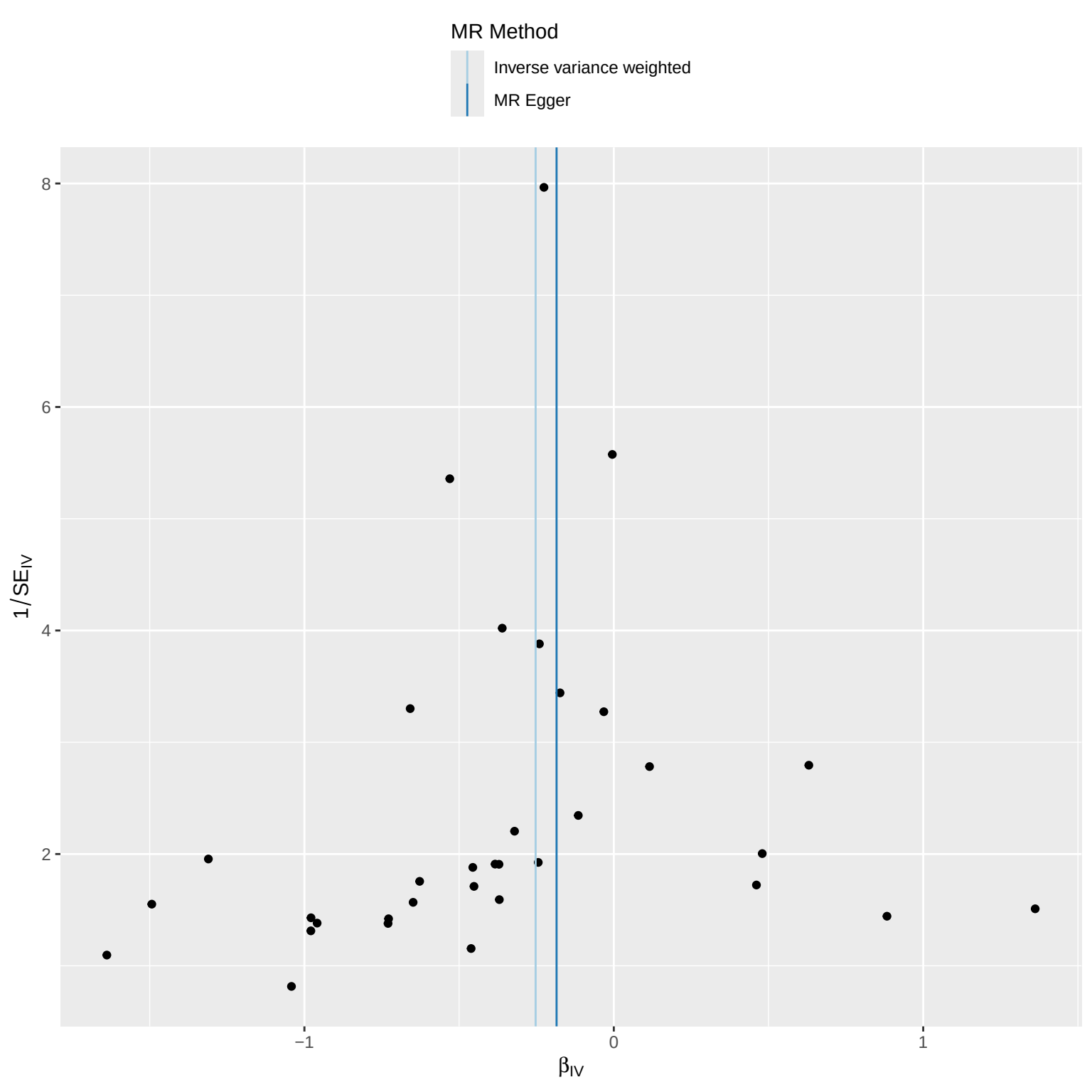

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.5
0.0
0.5
β_IV

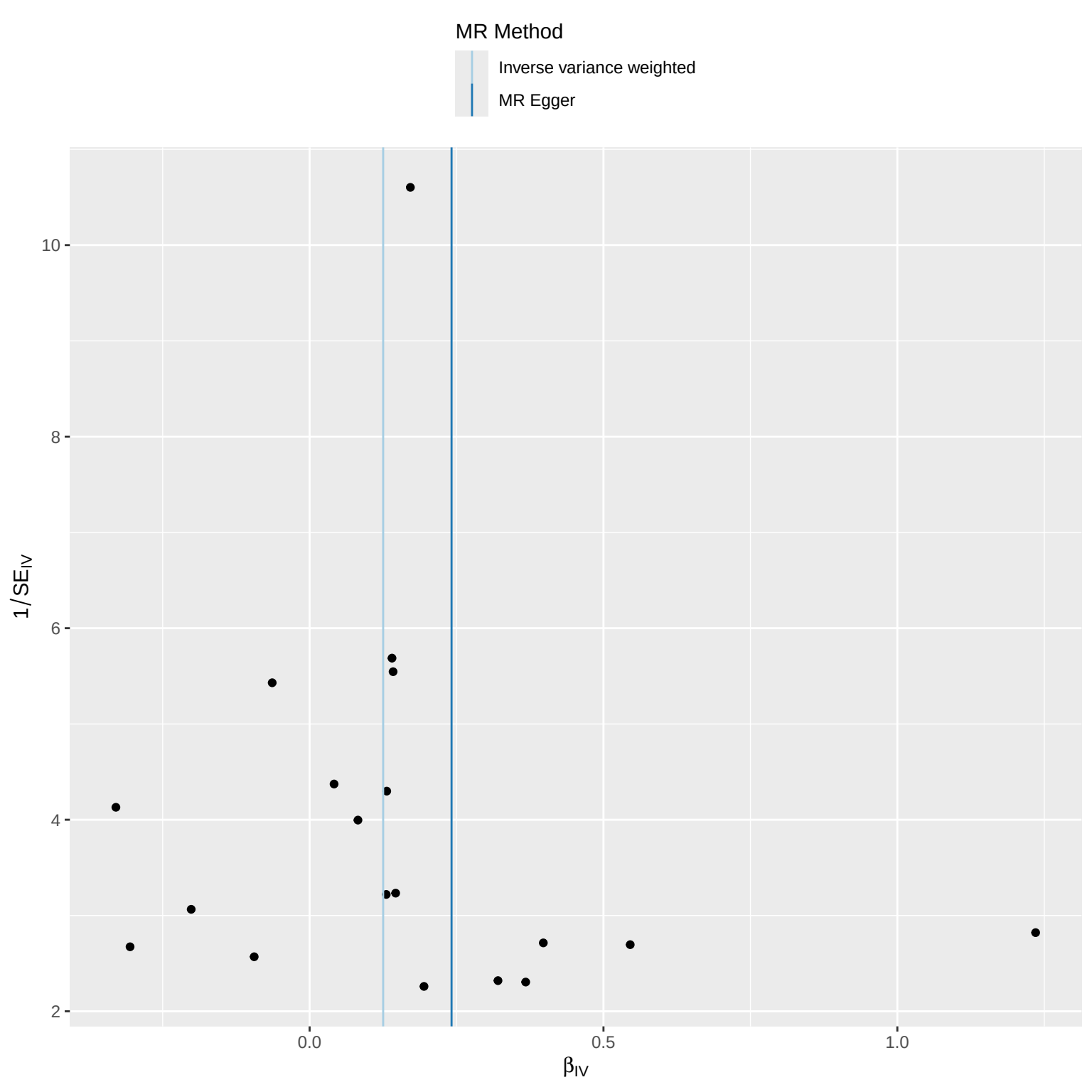

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

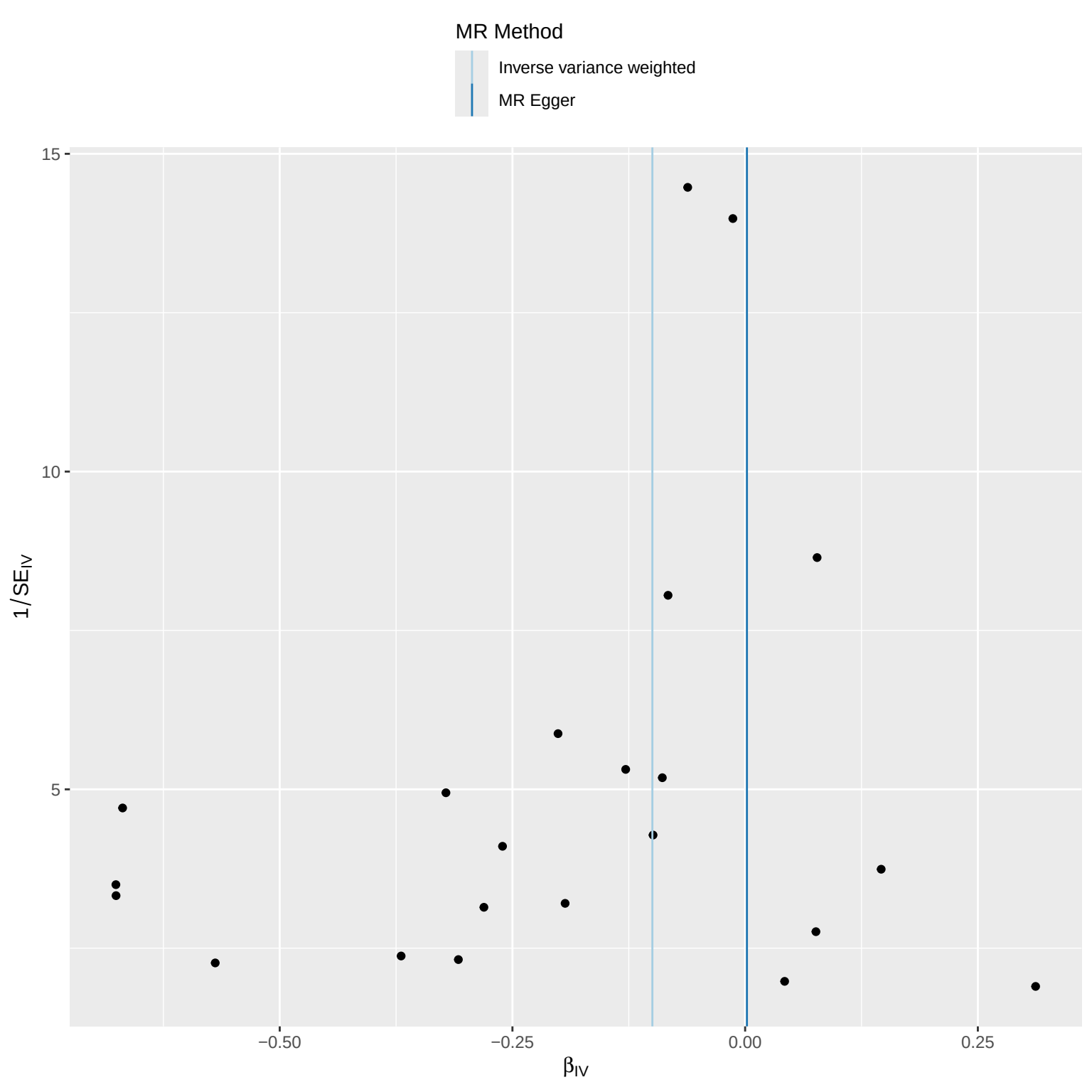

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

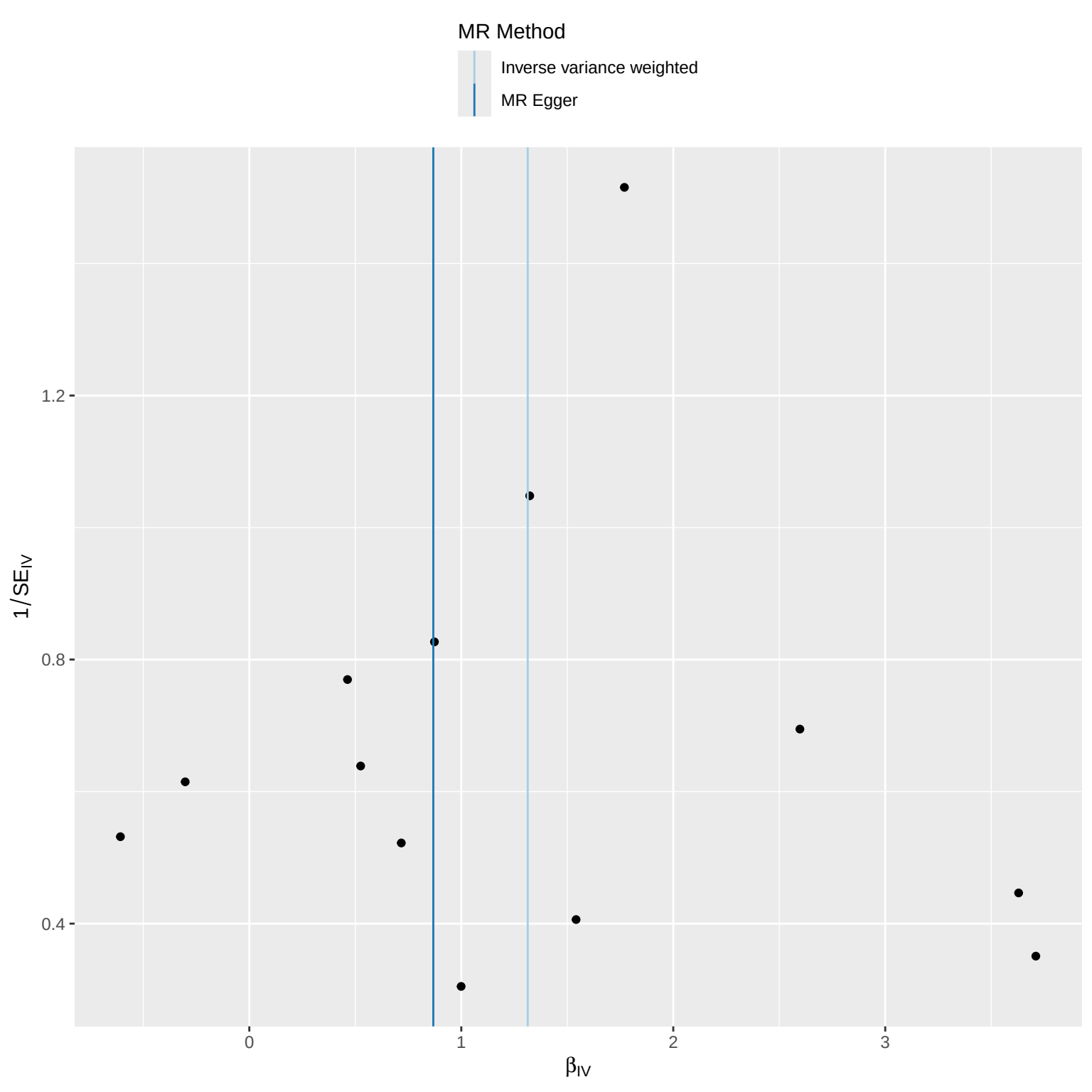

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
0.0
0.5
1.0
β_IV

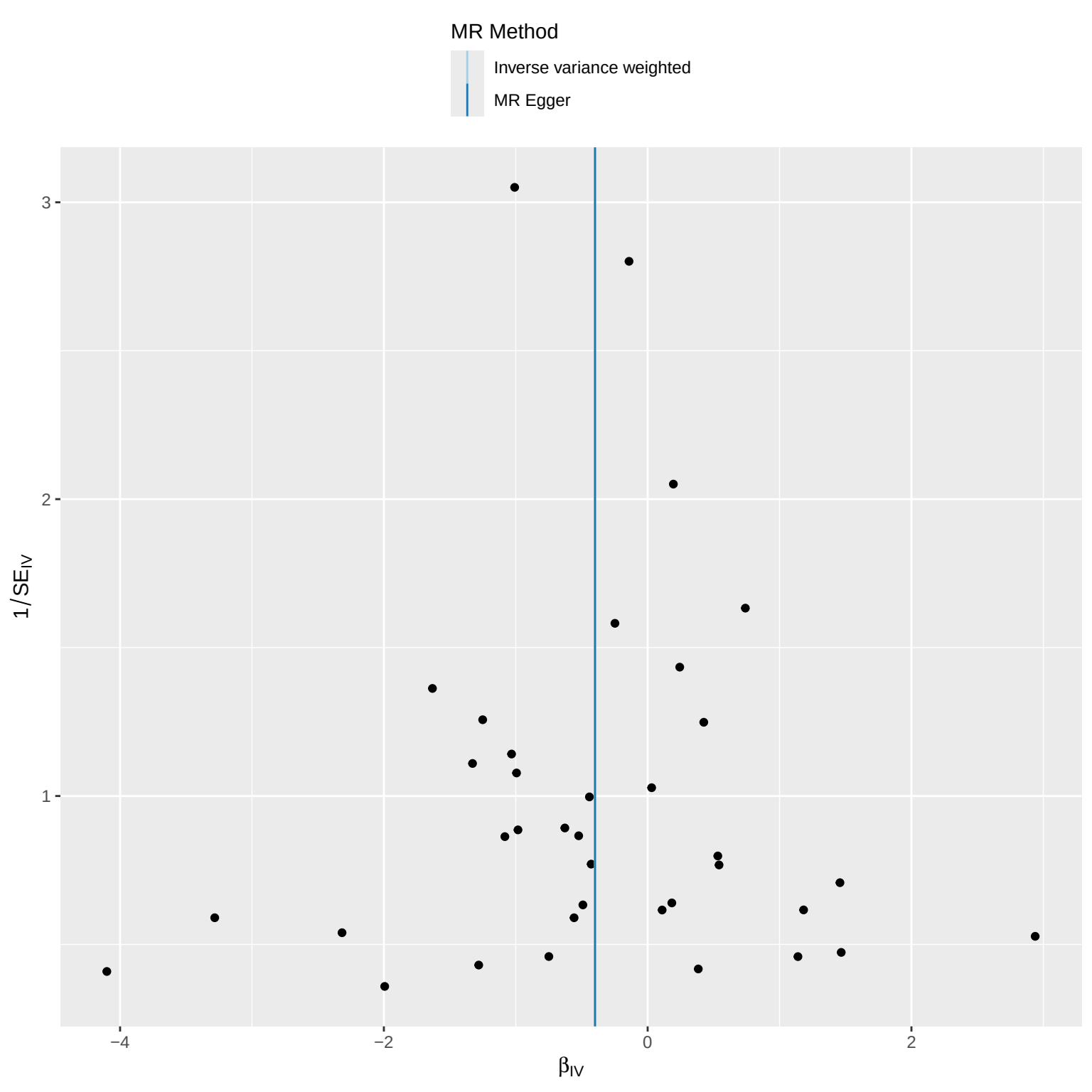

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

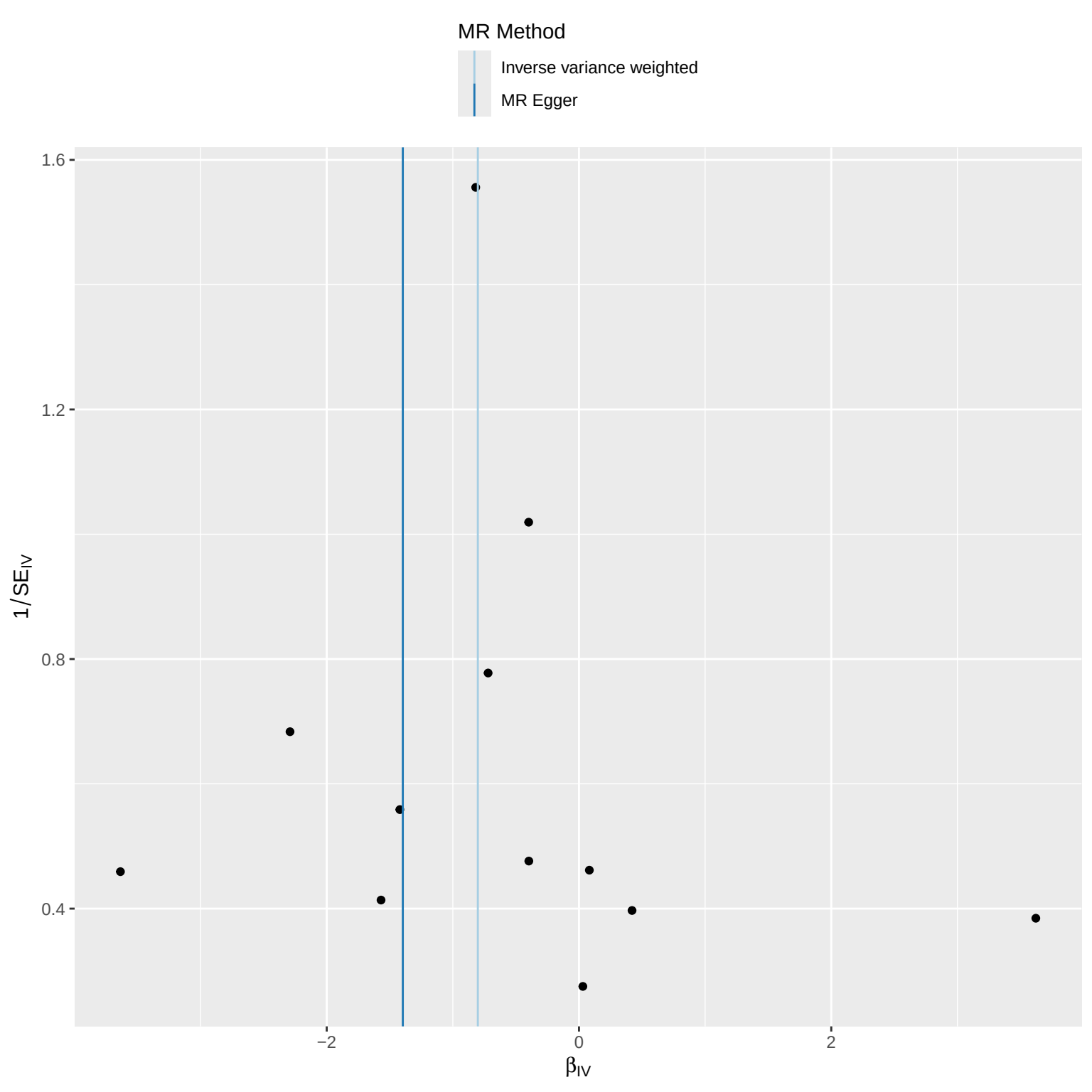

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

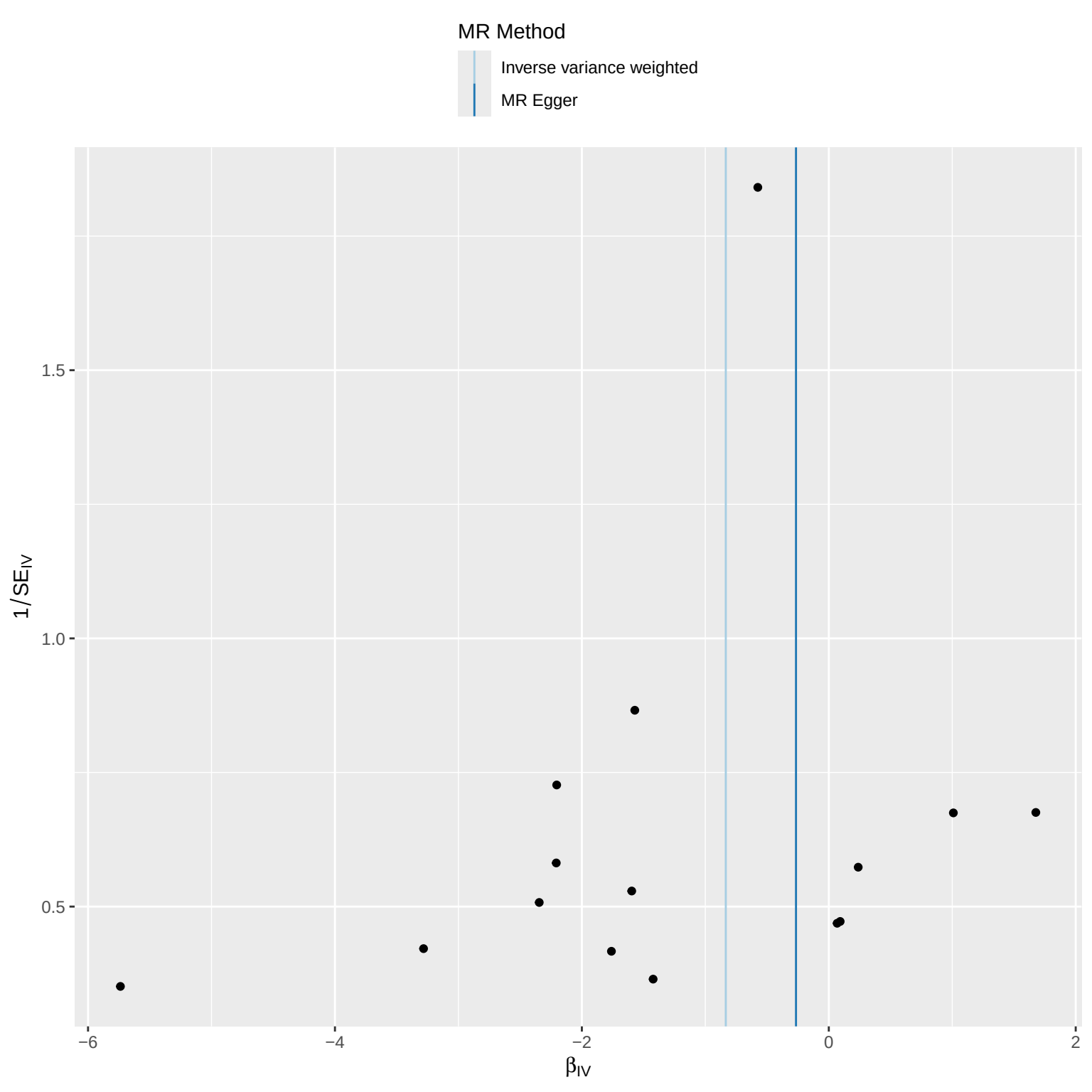

MR Method
Inverse variance weighted
MR Egger
10
8
6
4
2
1/SE_IV
0.0
0.5
1.0
β_IV

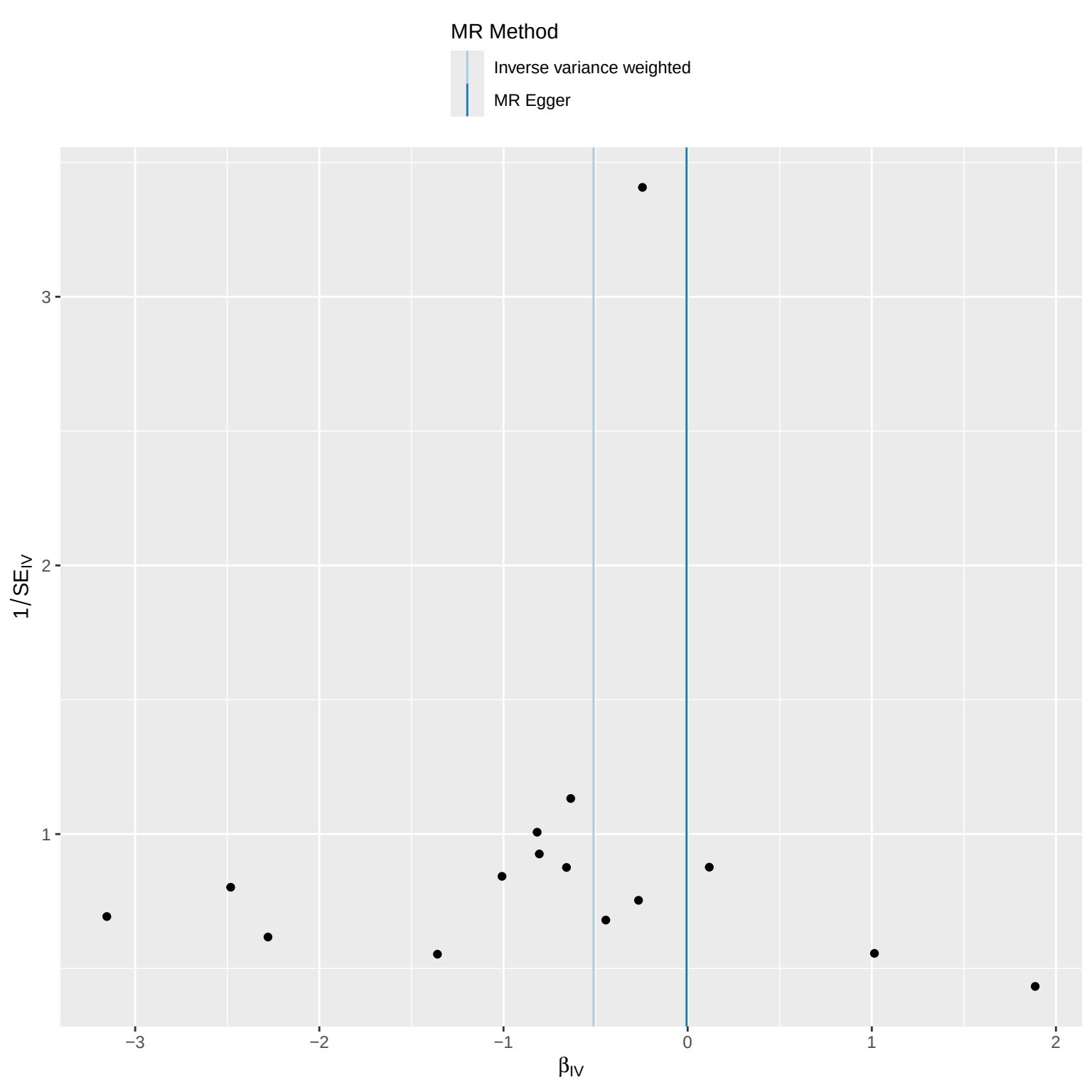

MR Method
Inverse variance weighted
MR Egger
15
10
5
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

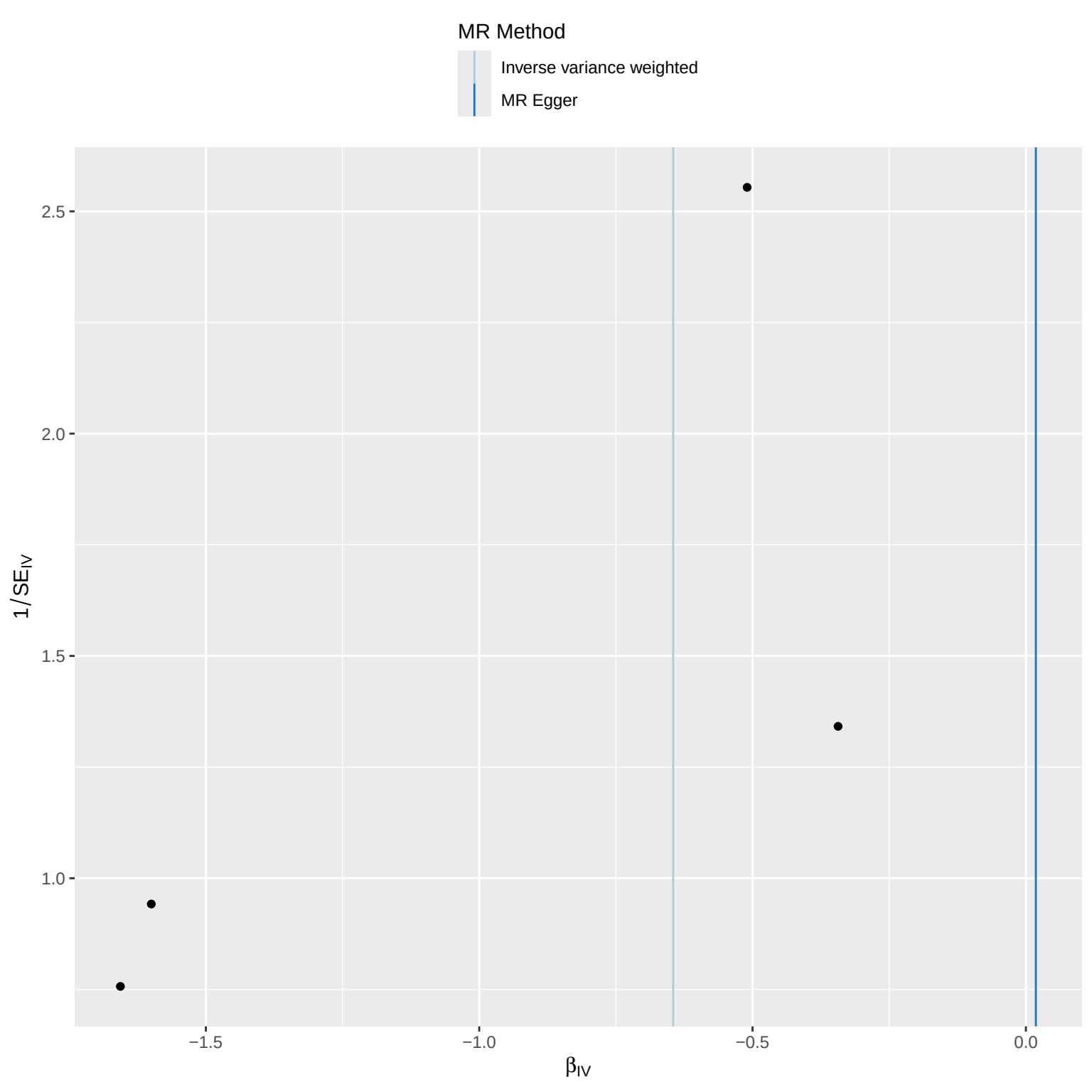

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
0
1
2
3
β_IV

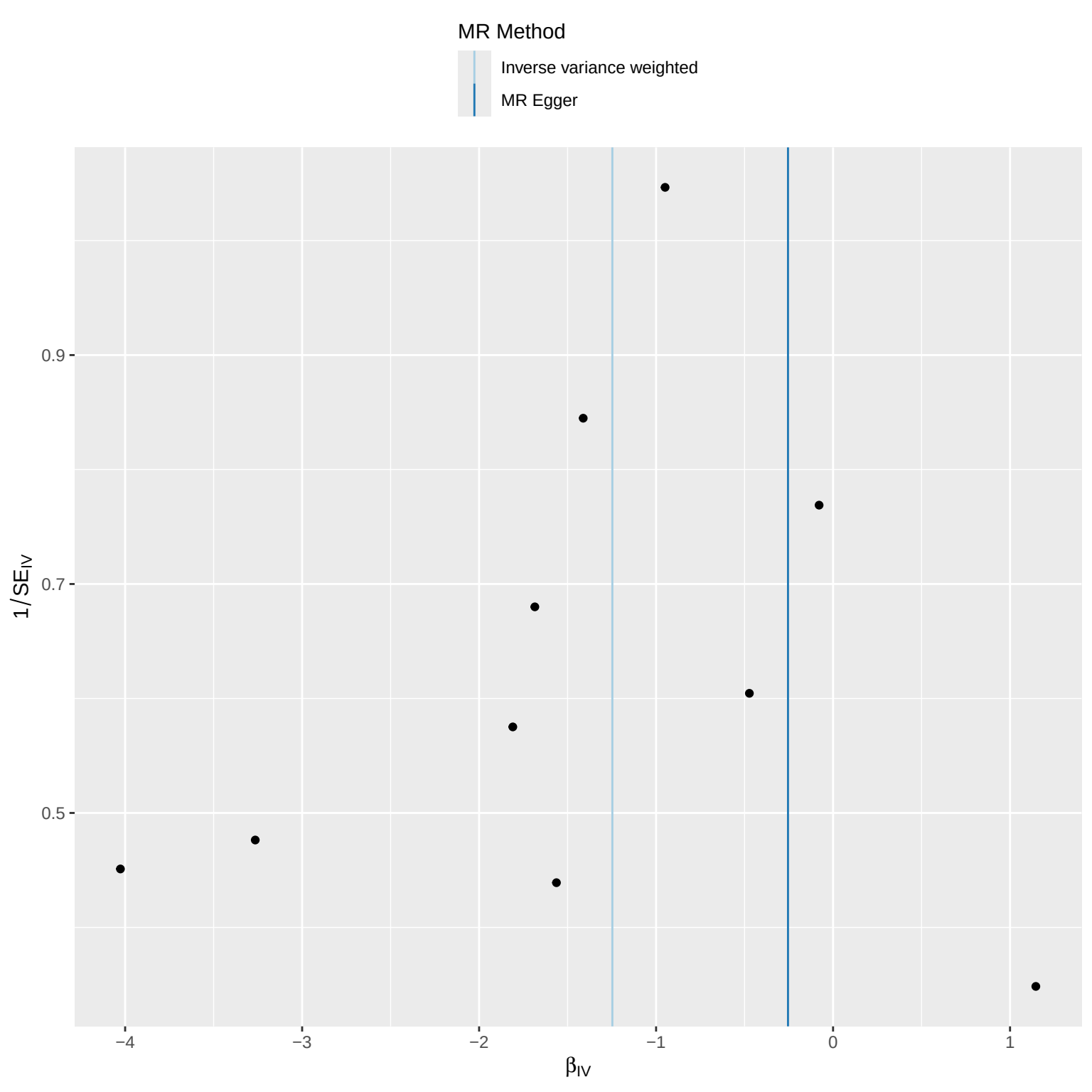

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

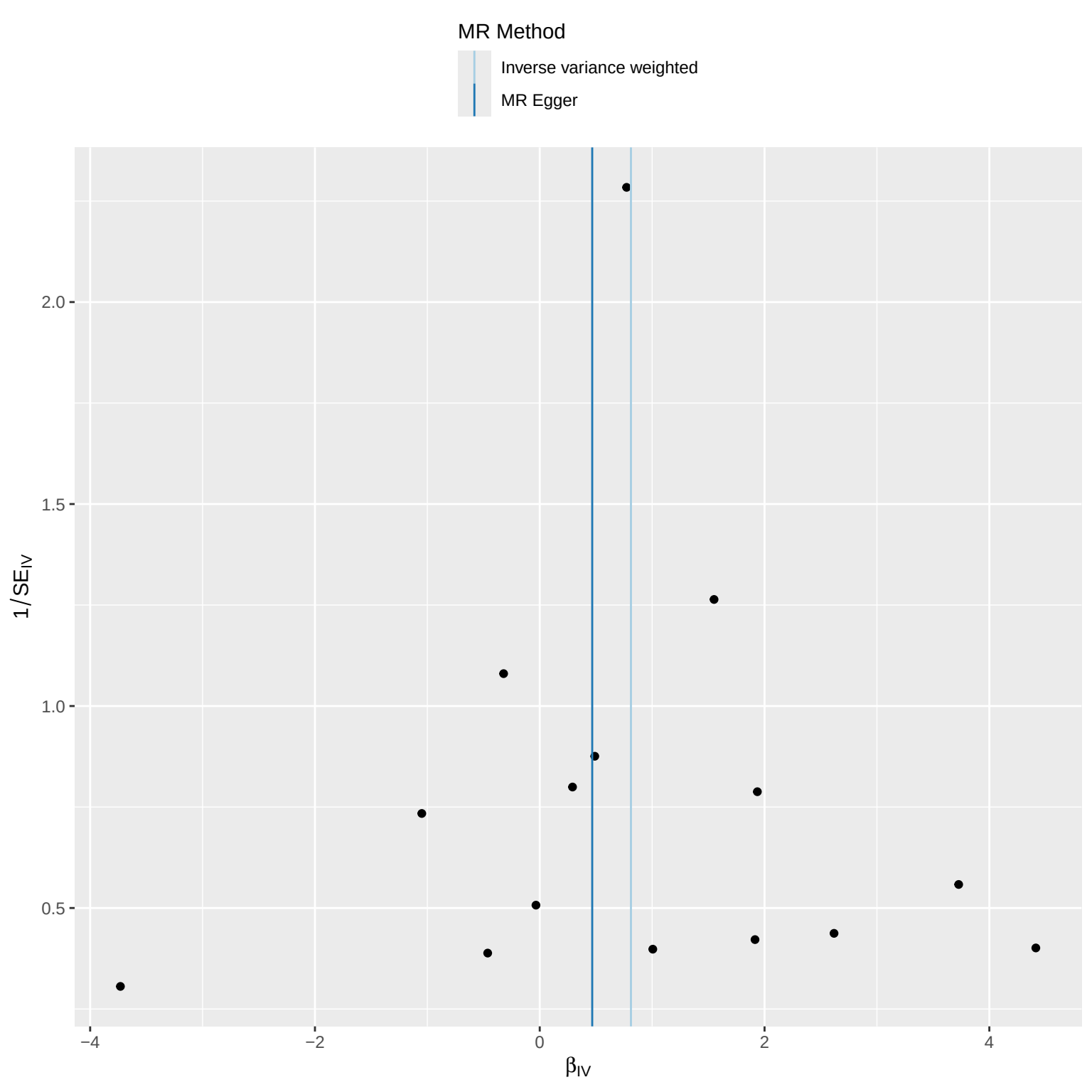

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
β_IV

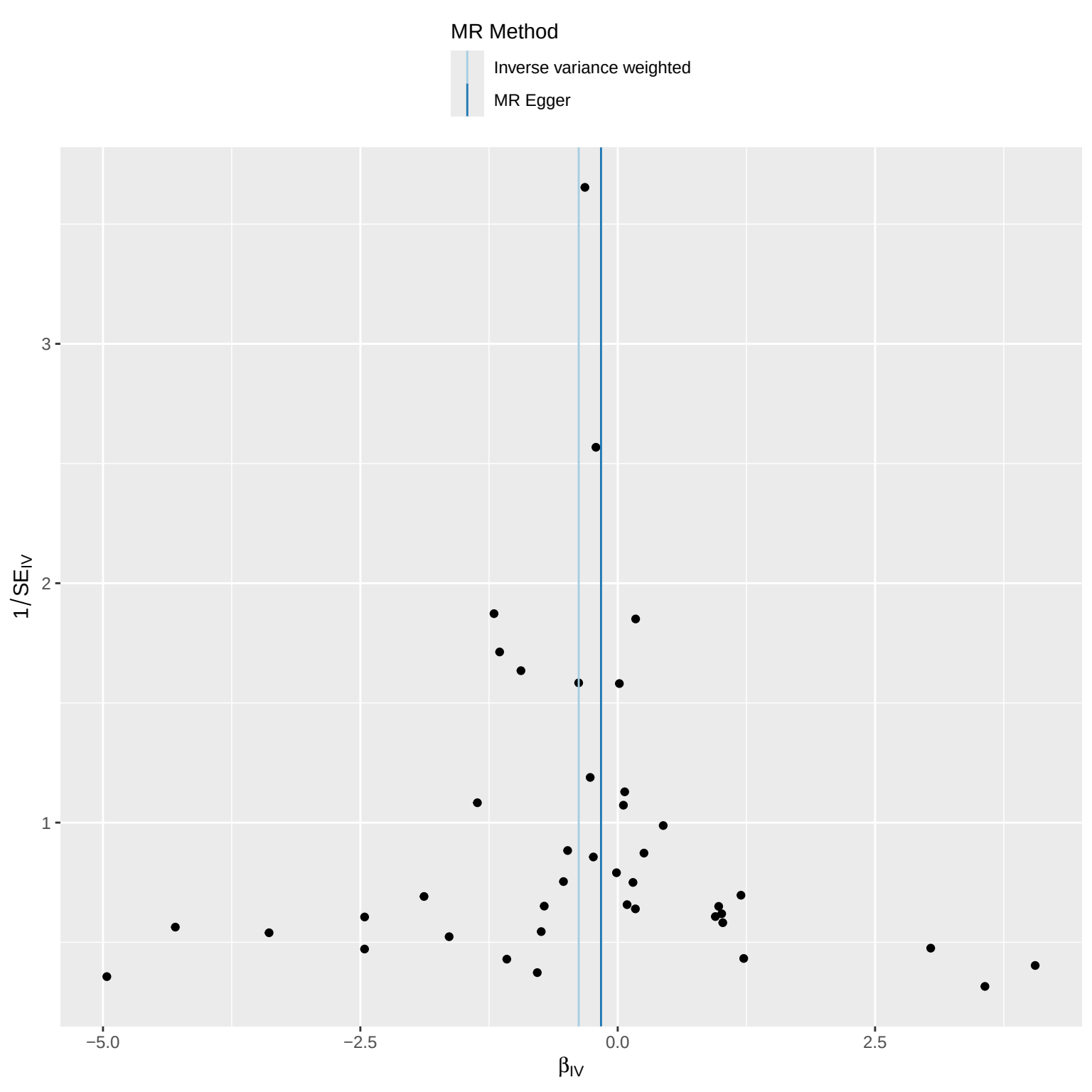

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

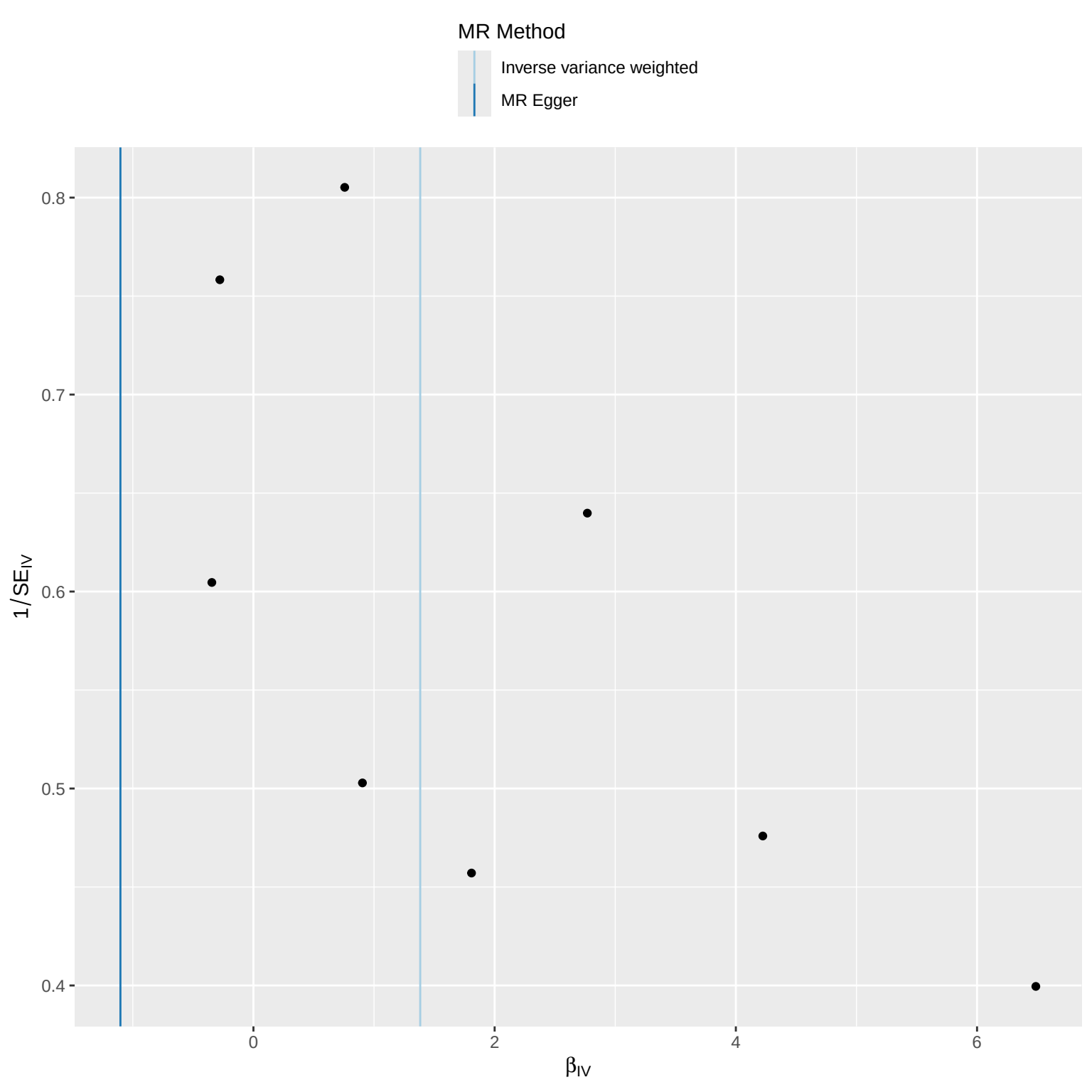

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

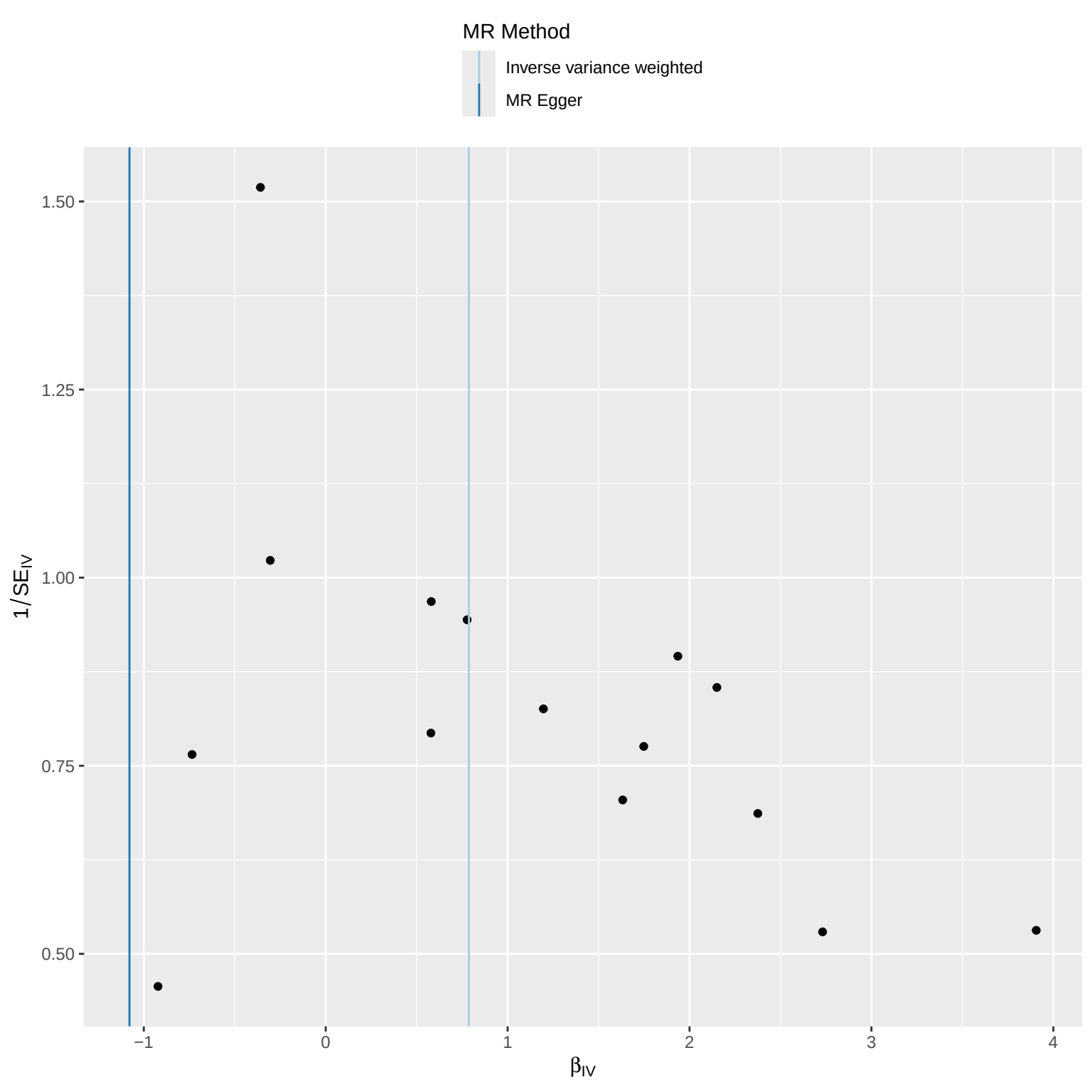

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

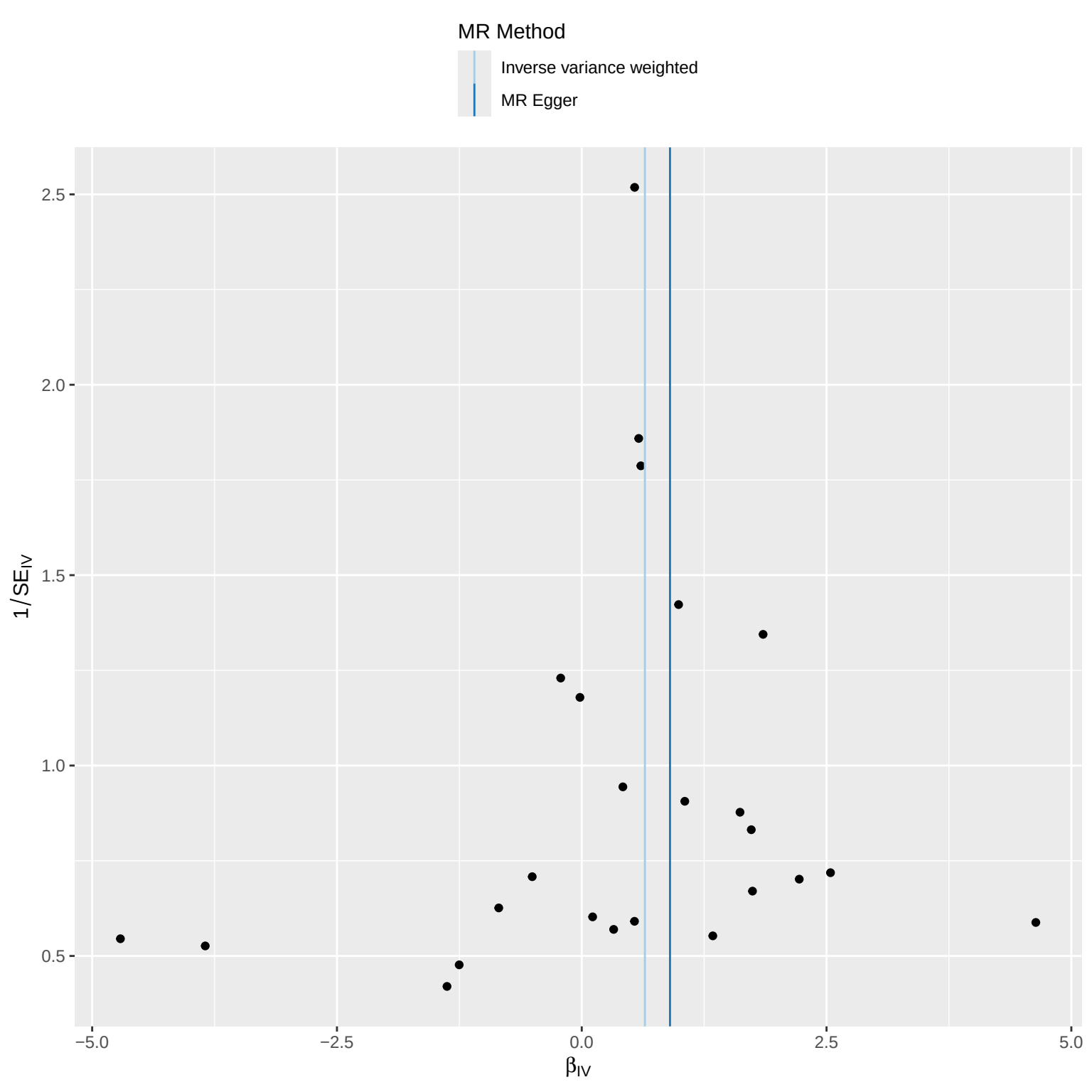

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

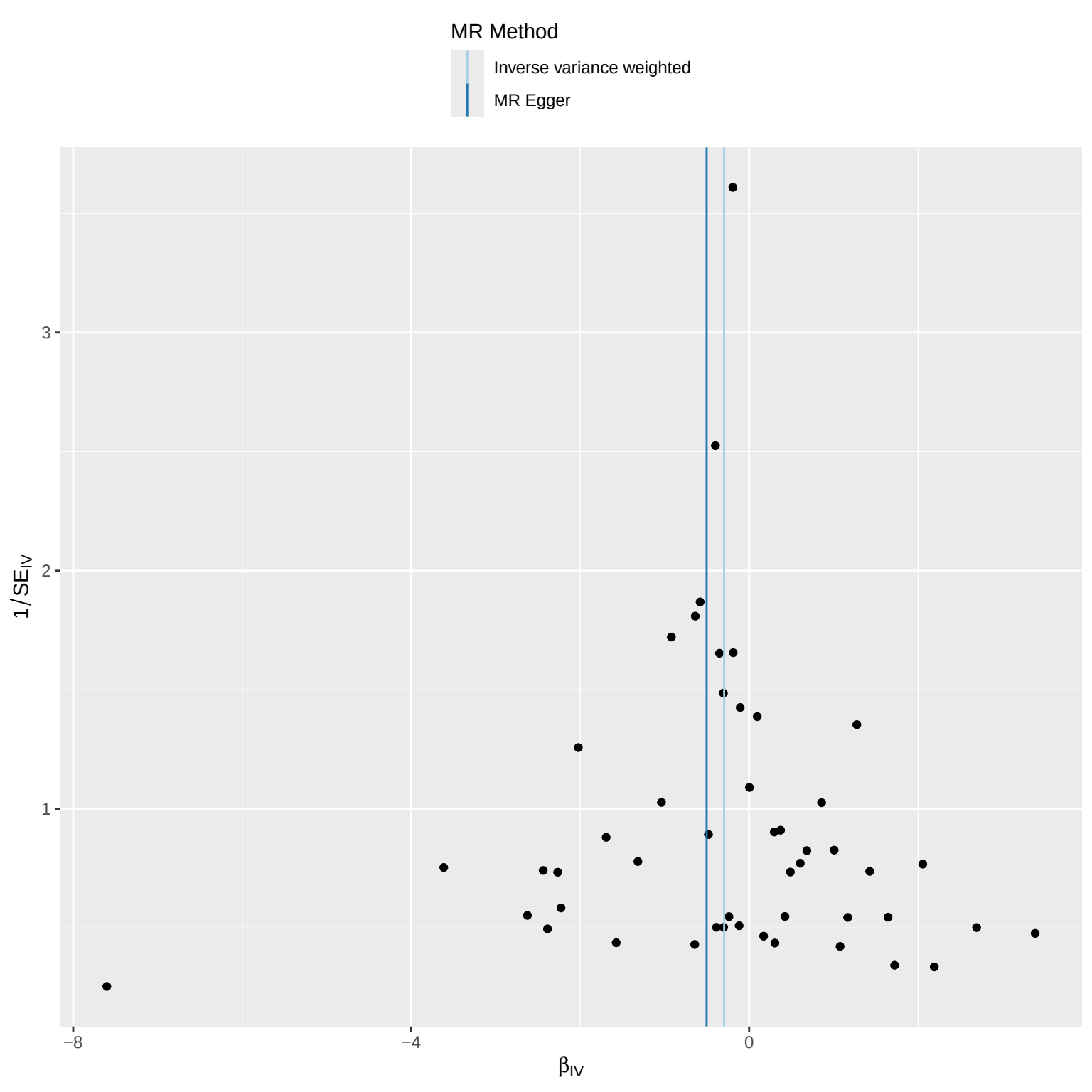

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

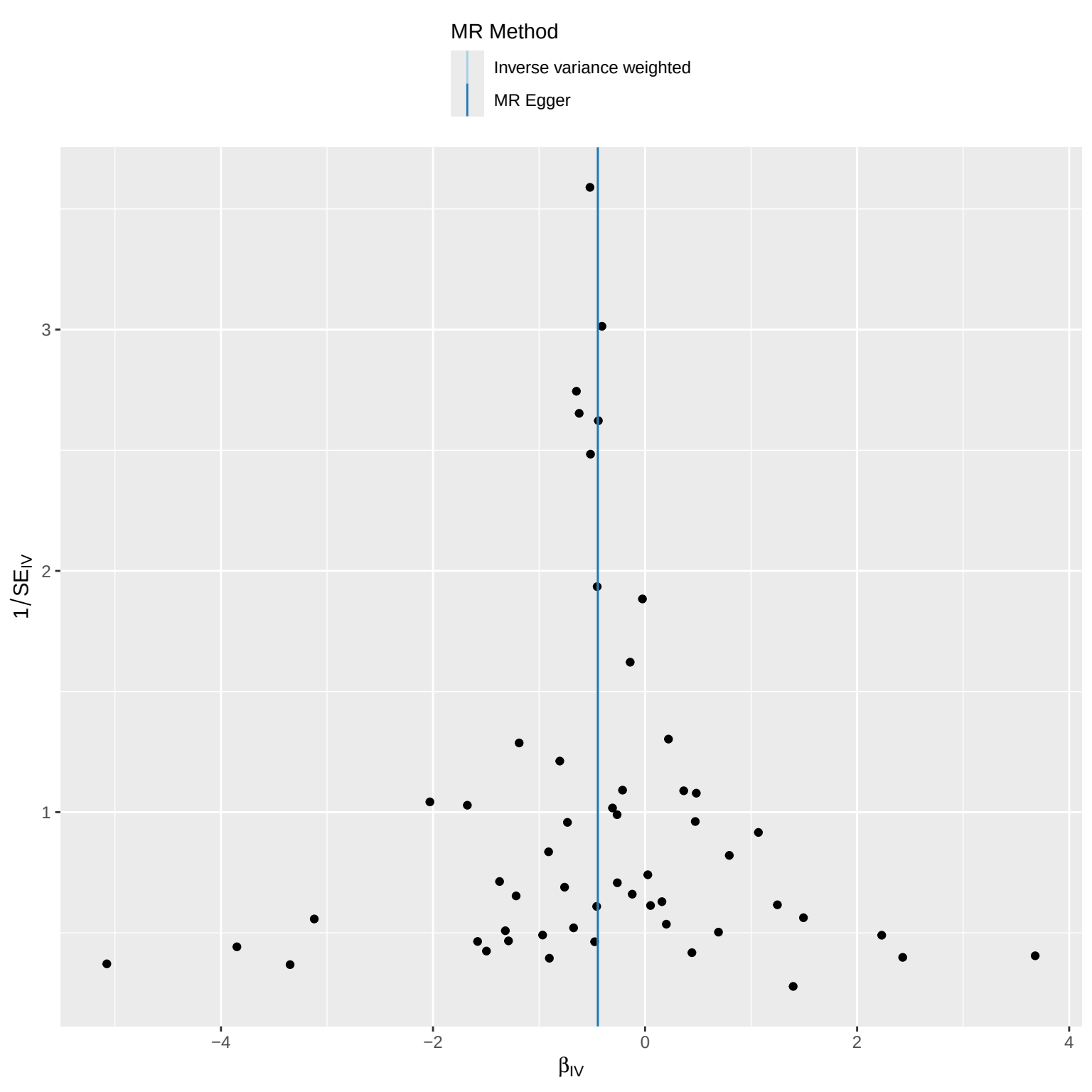

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

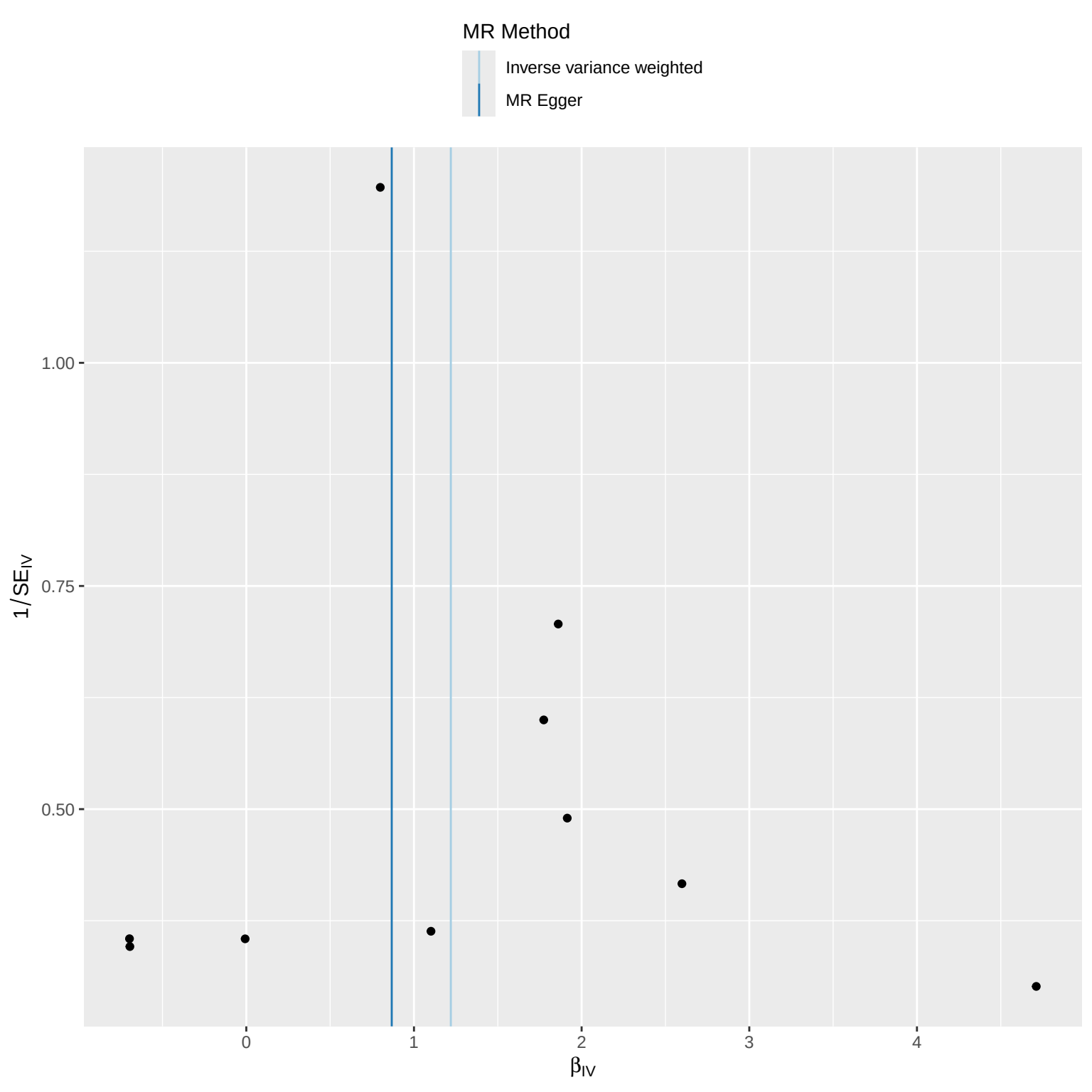

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
0
2
4
6
β_IV

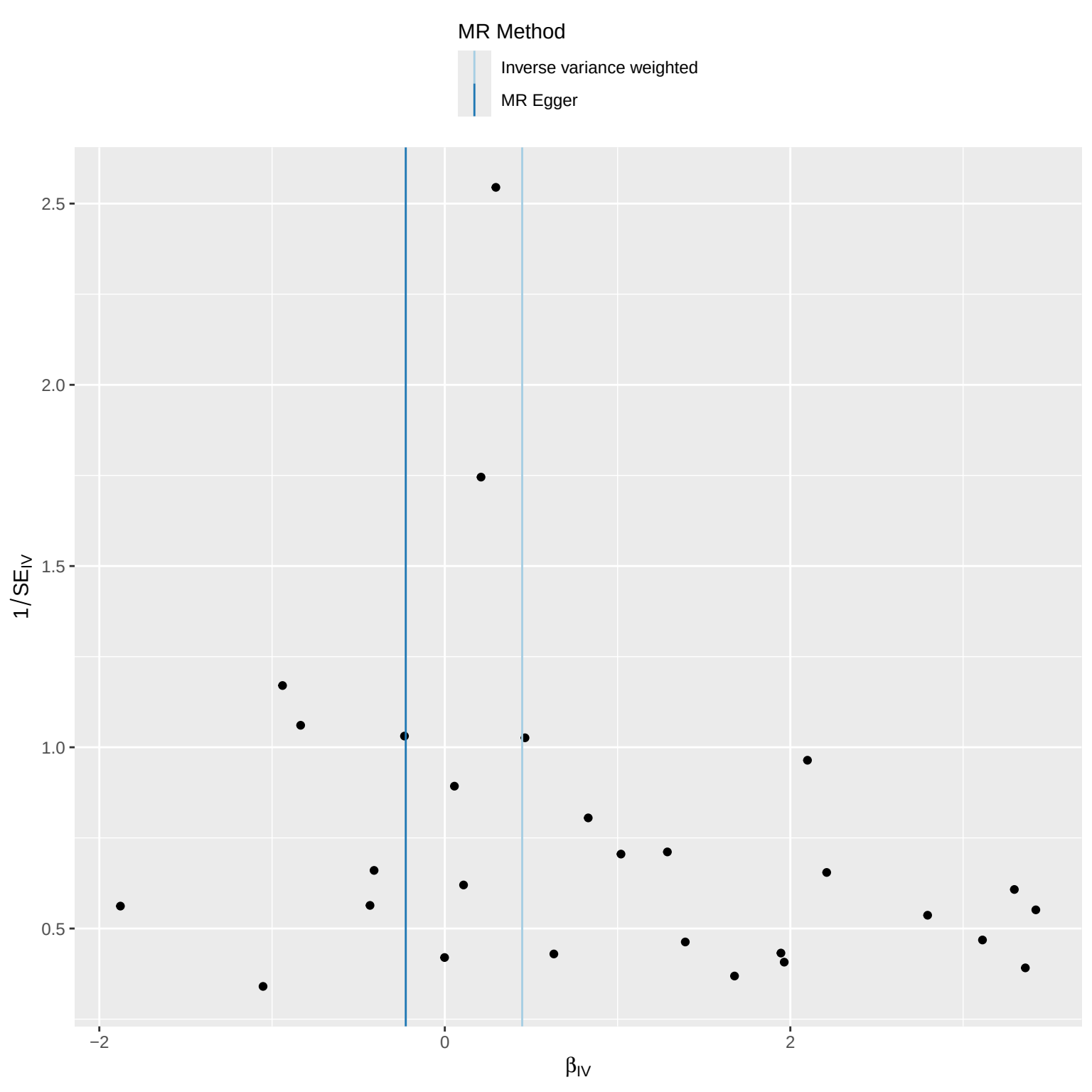

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
4
β_IV

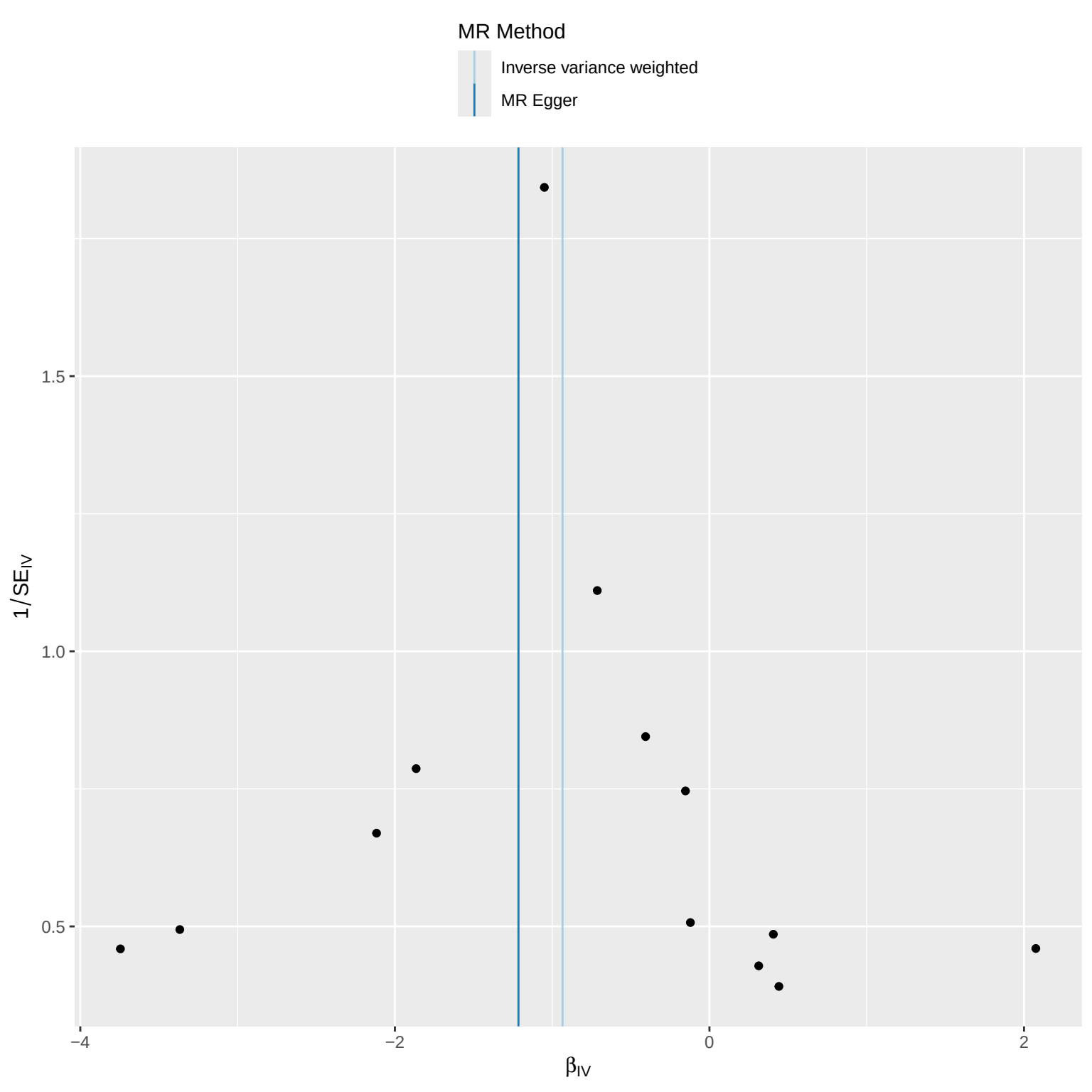

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

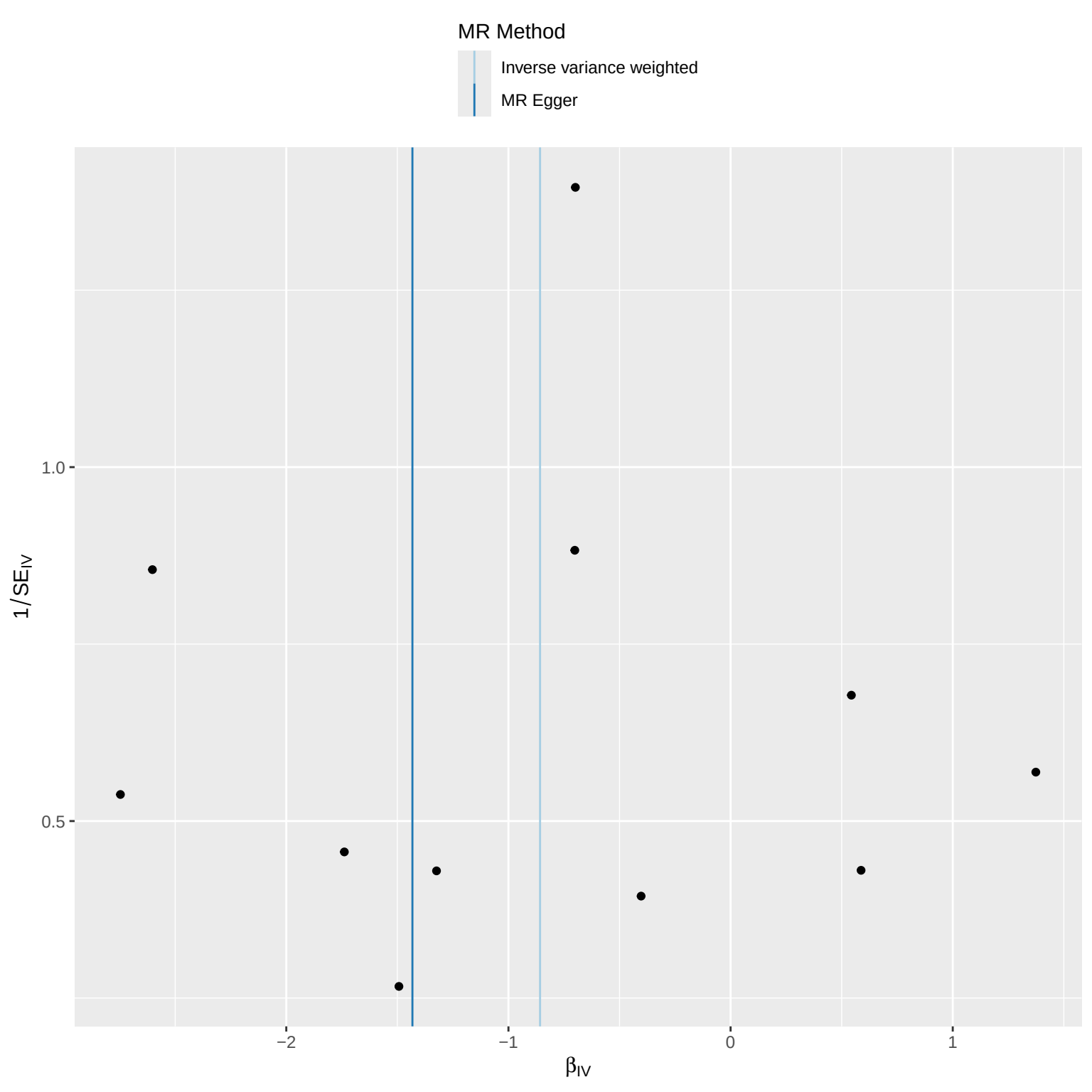

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−8
−4
0
β_IV

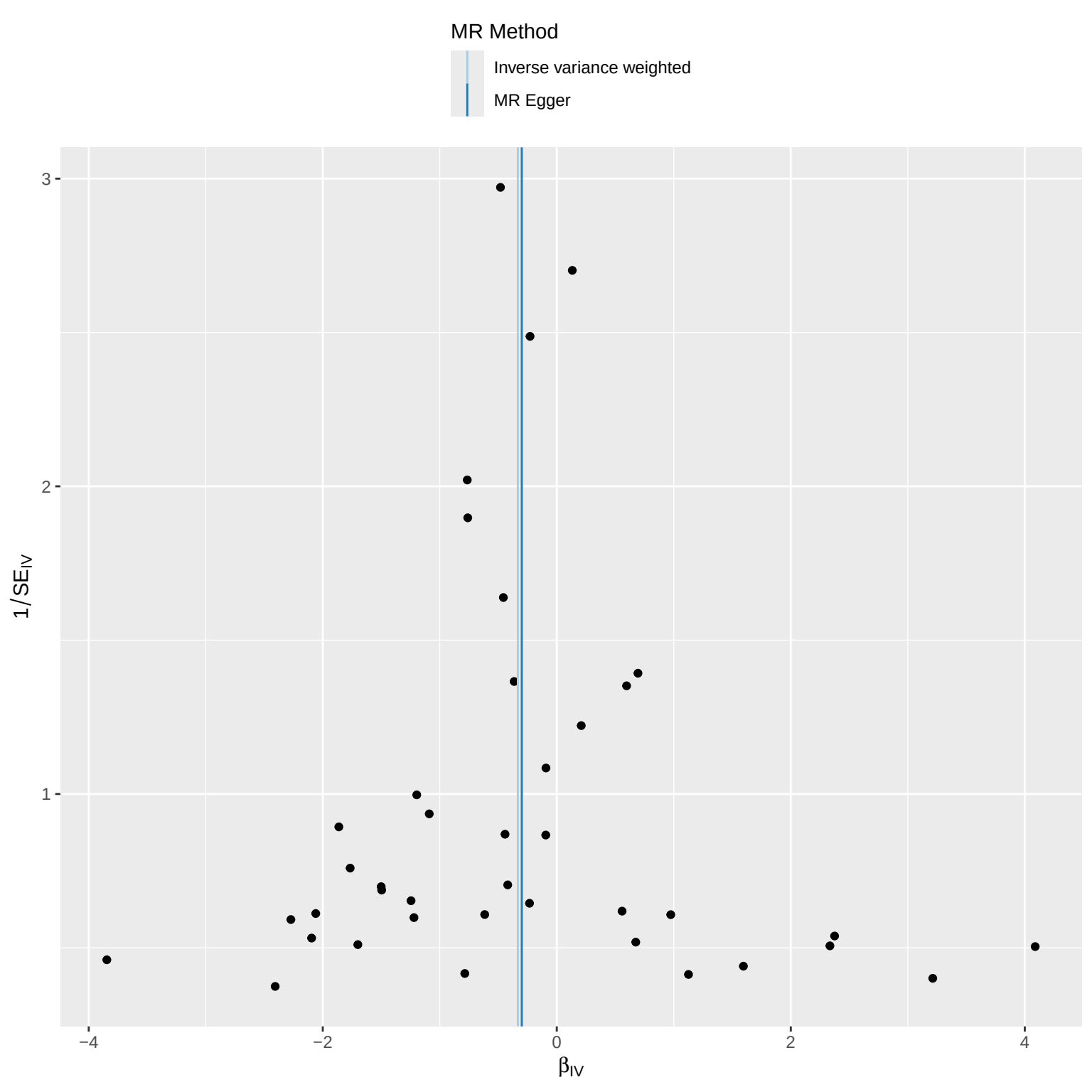

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

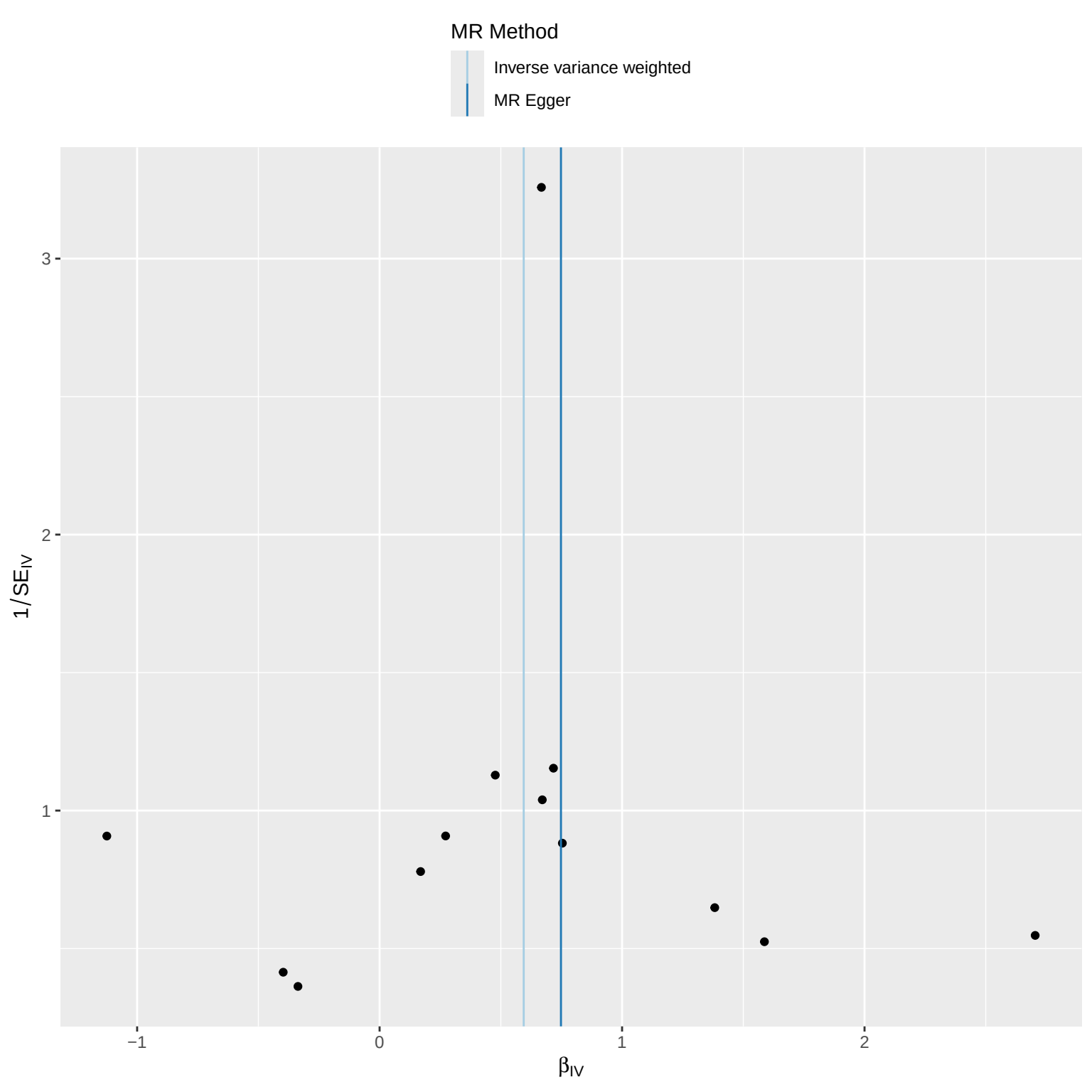

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
0
1
2
3
4
β_IV

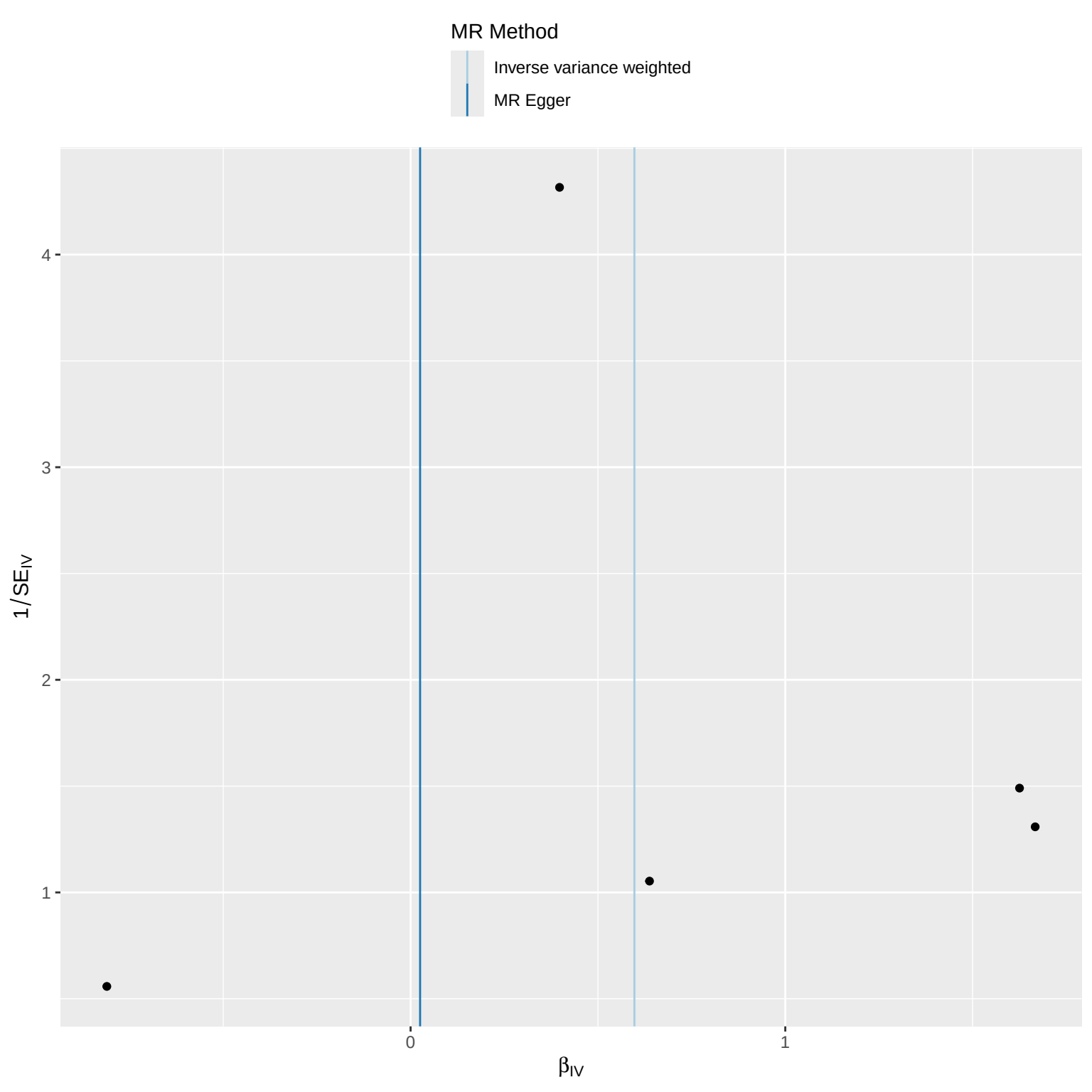

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

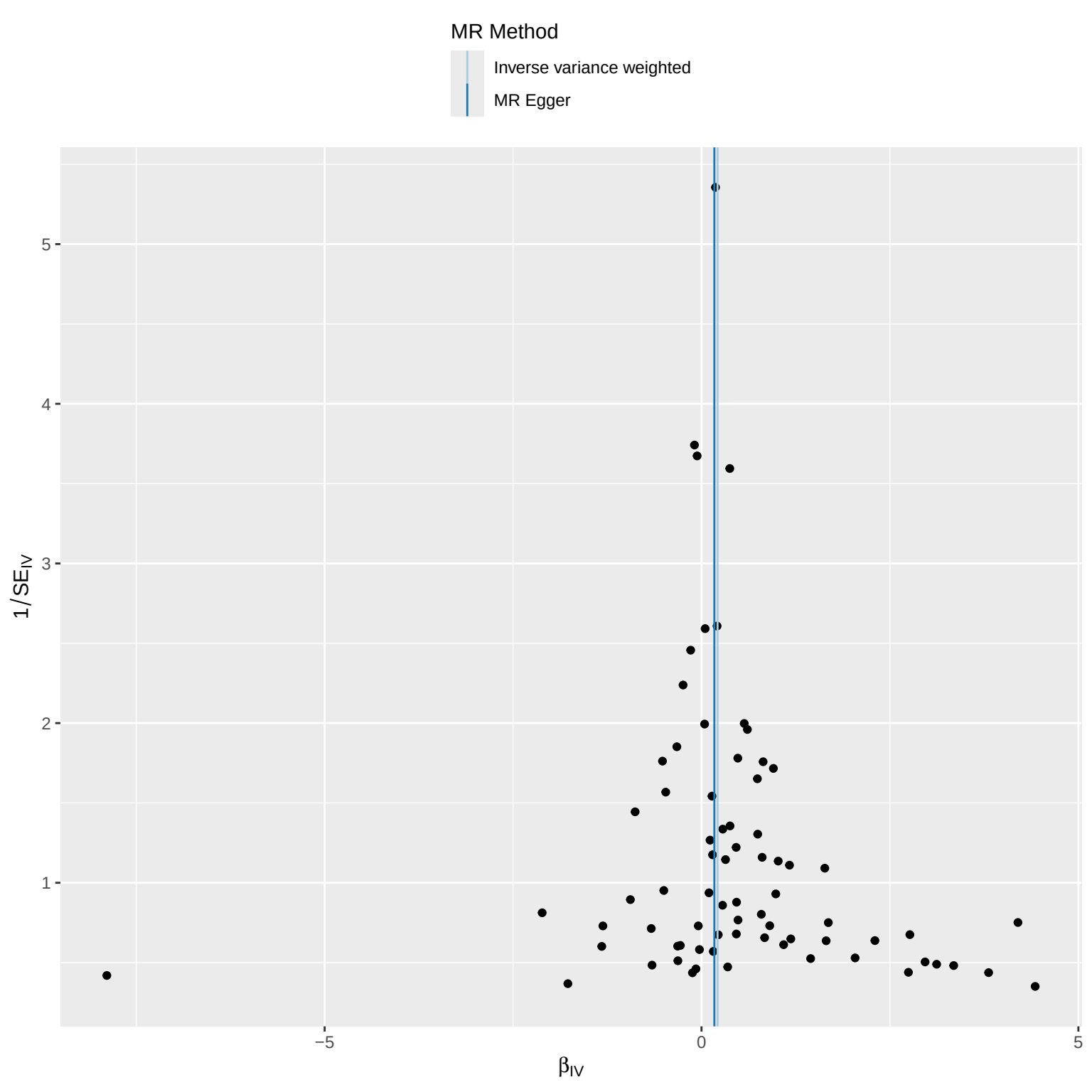

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

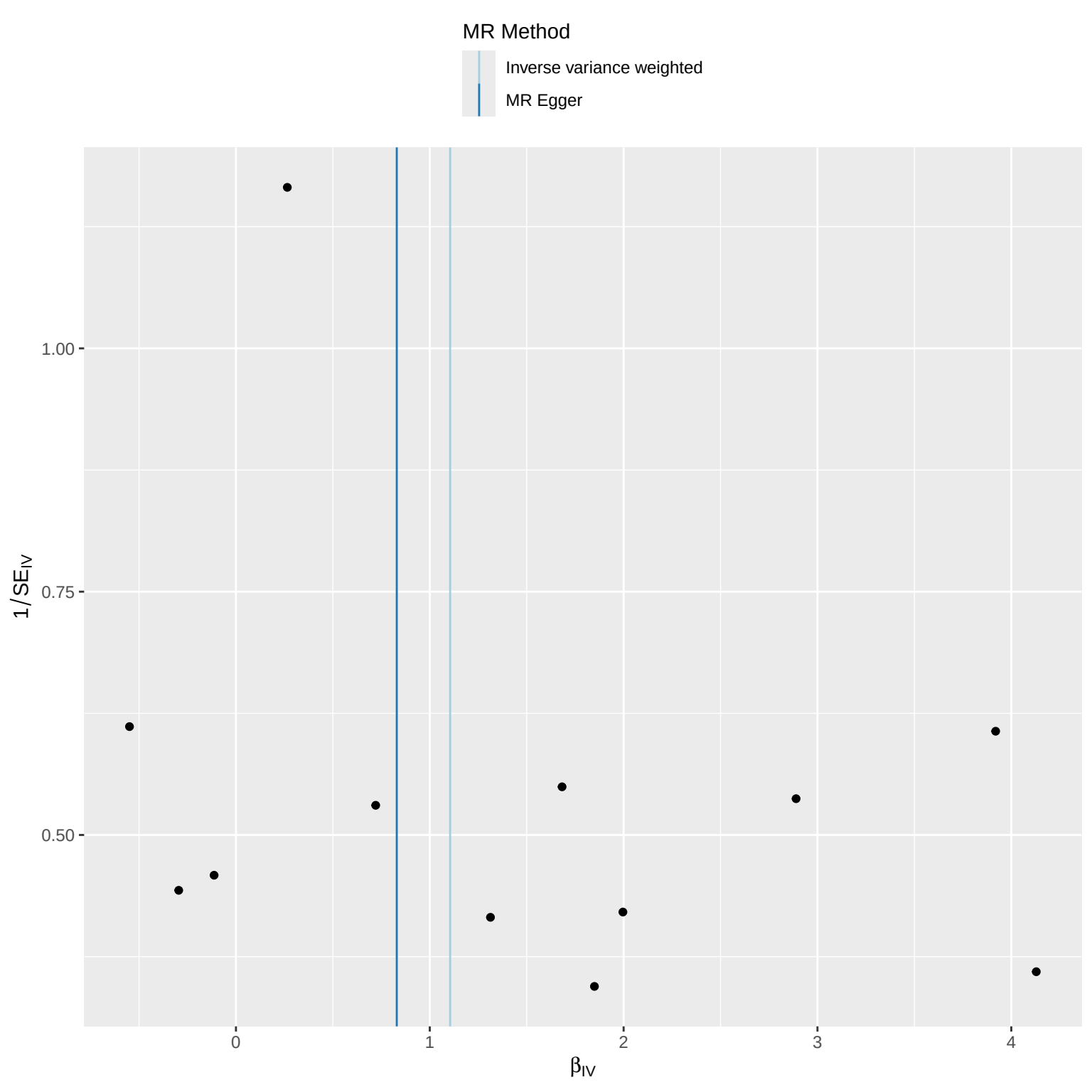

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

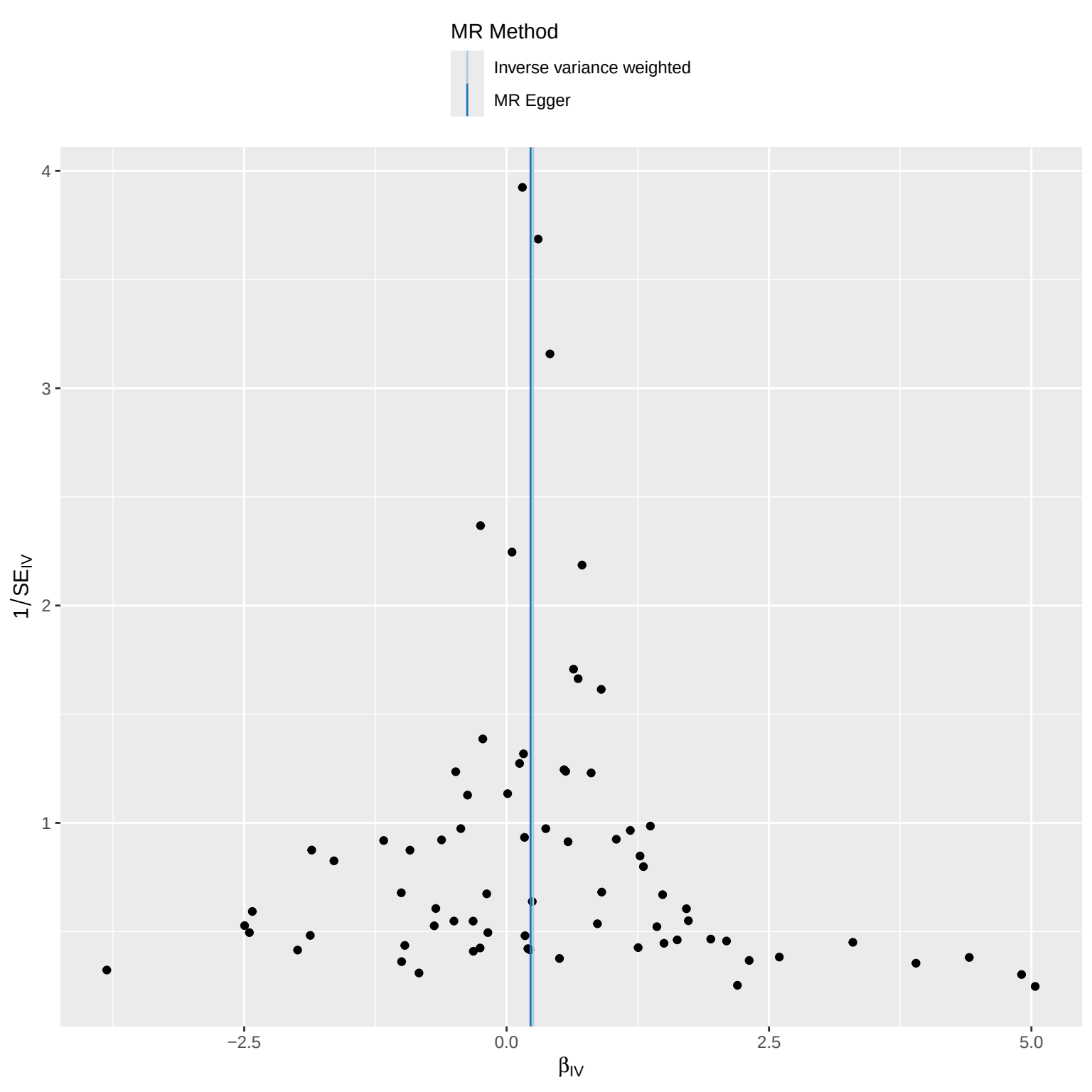

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

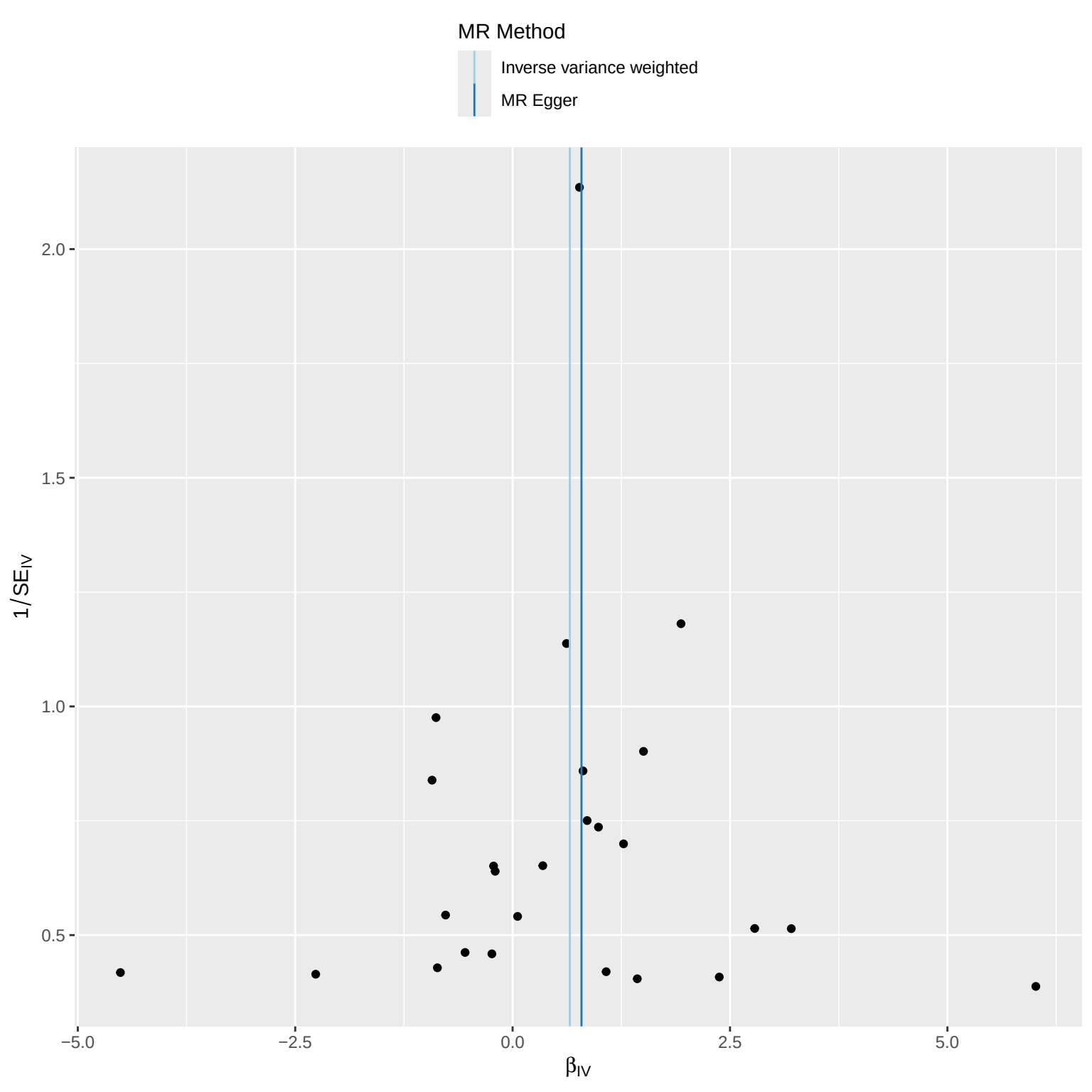

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

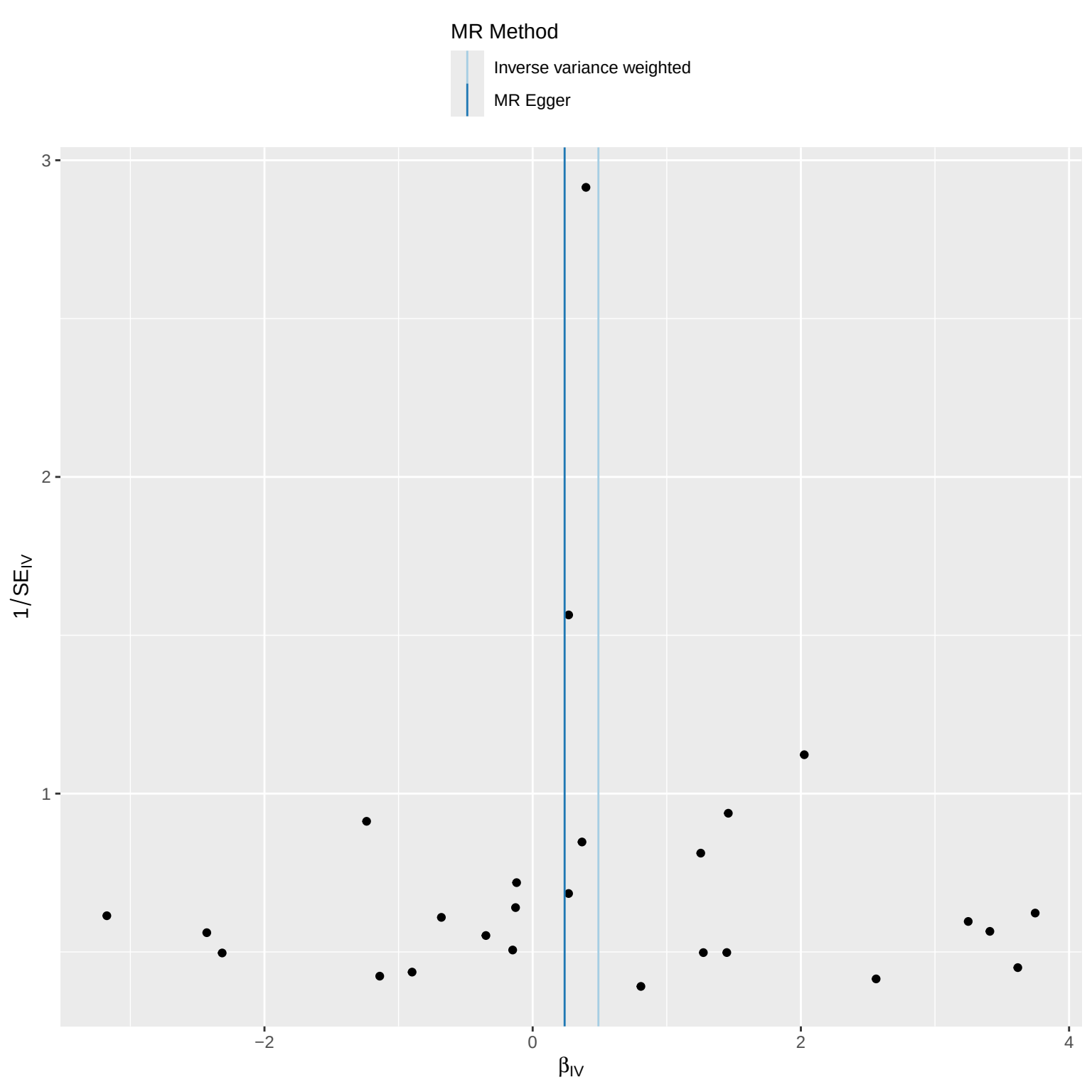

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
1/SE_IV
β_IV

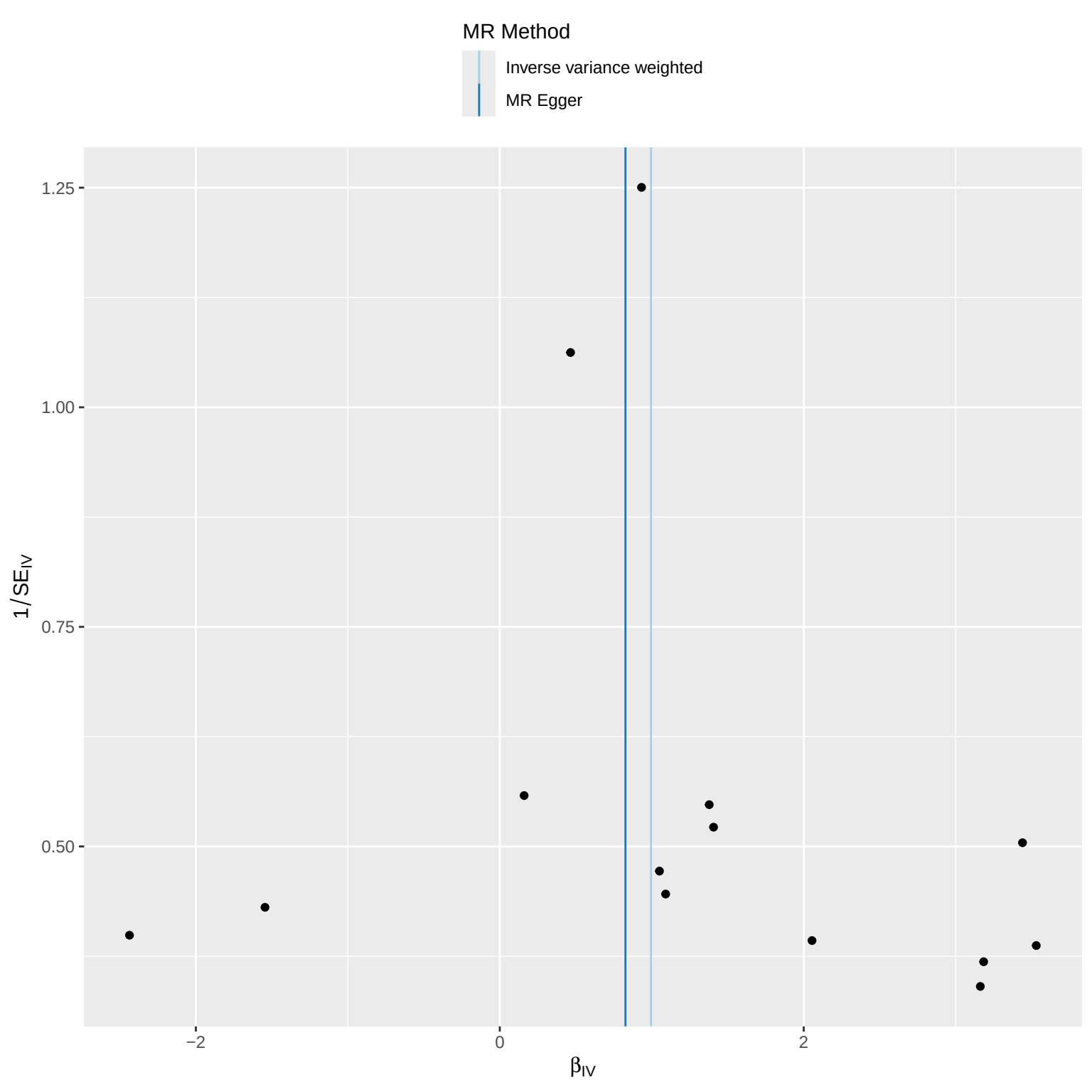

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−5
0
5
β_IV

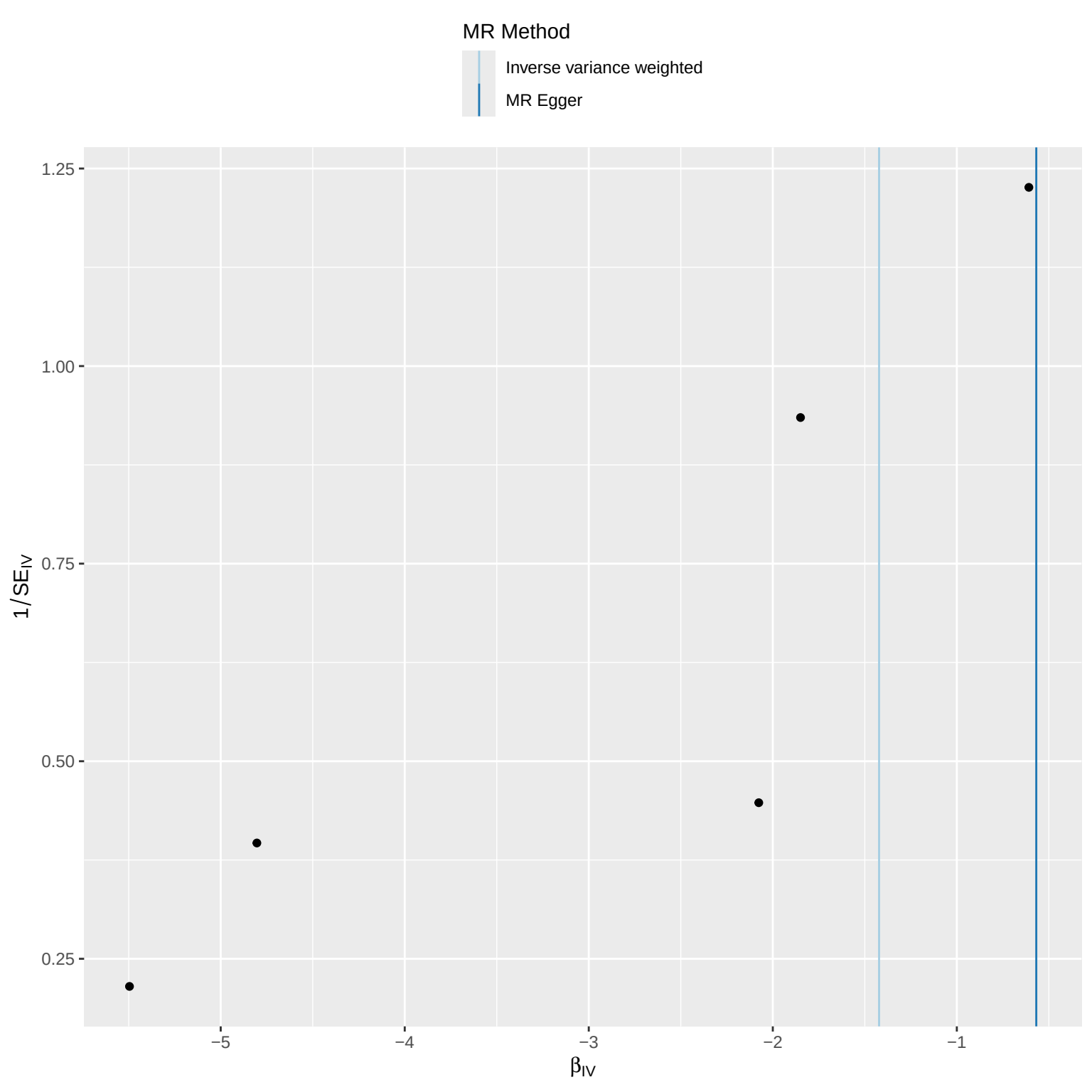

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
0
1
2
3
4
β_IV

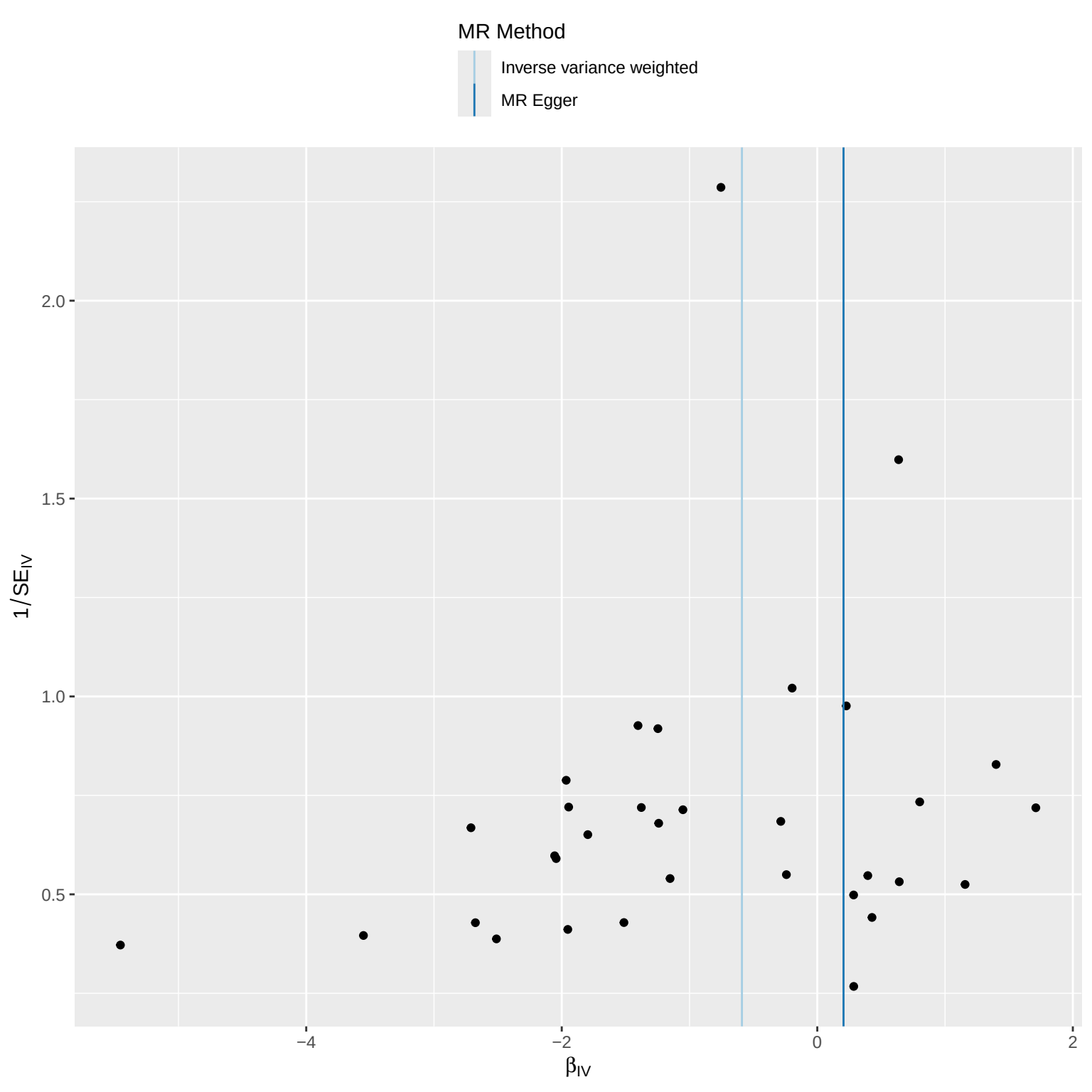

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

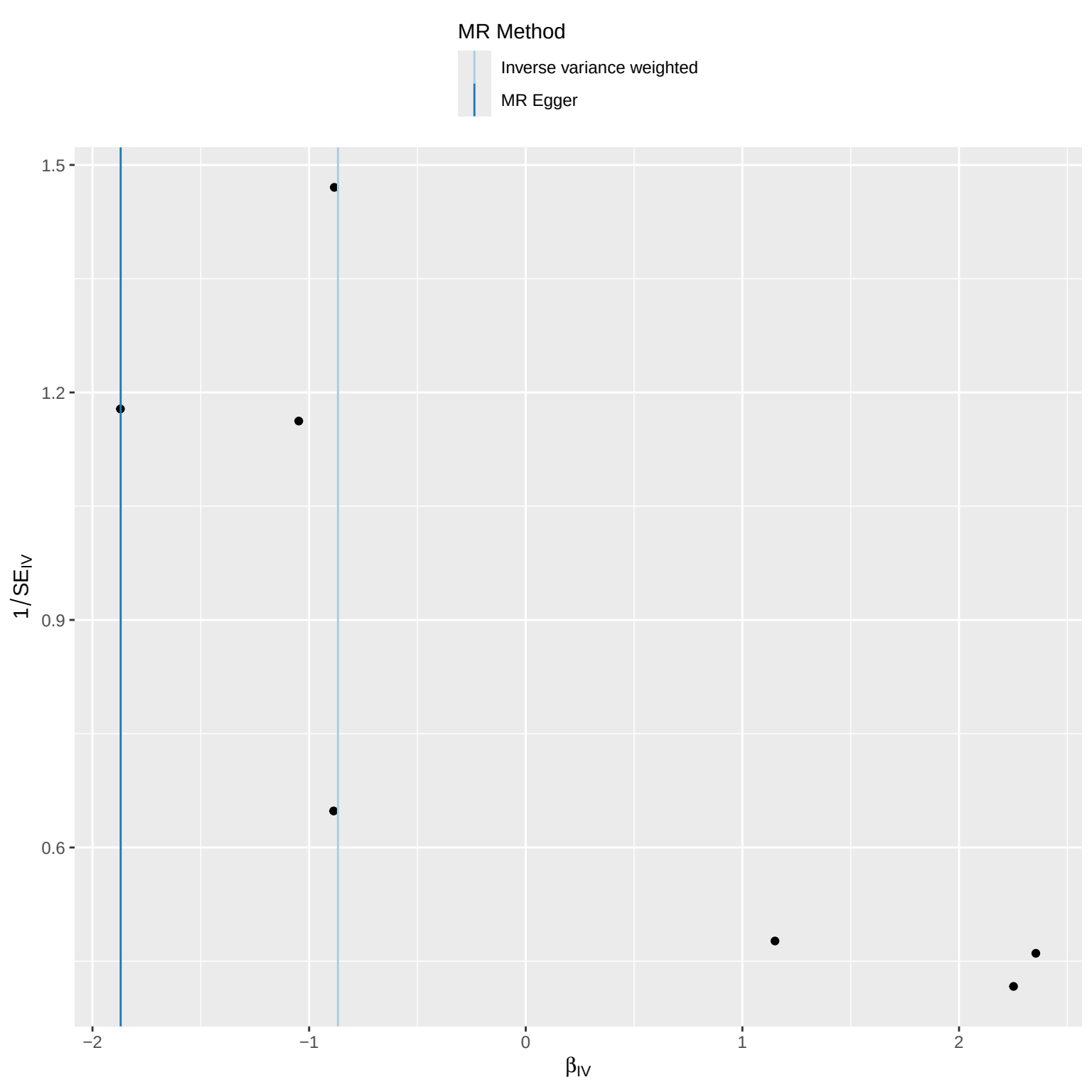

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

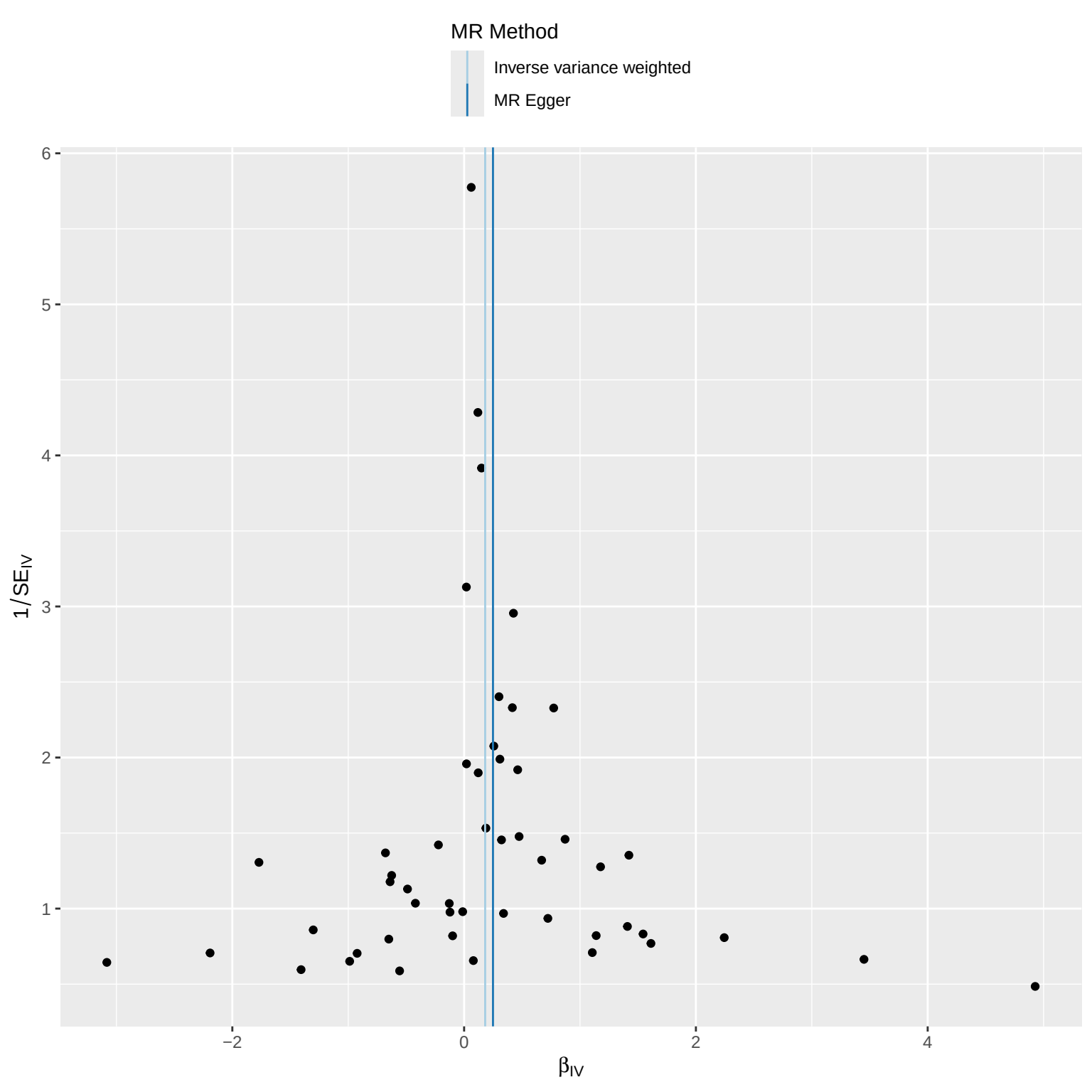

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
4
β_{IV}

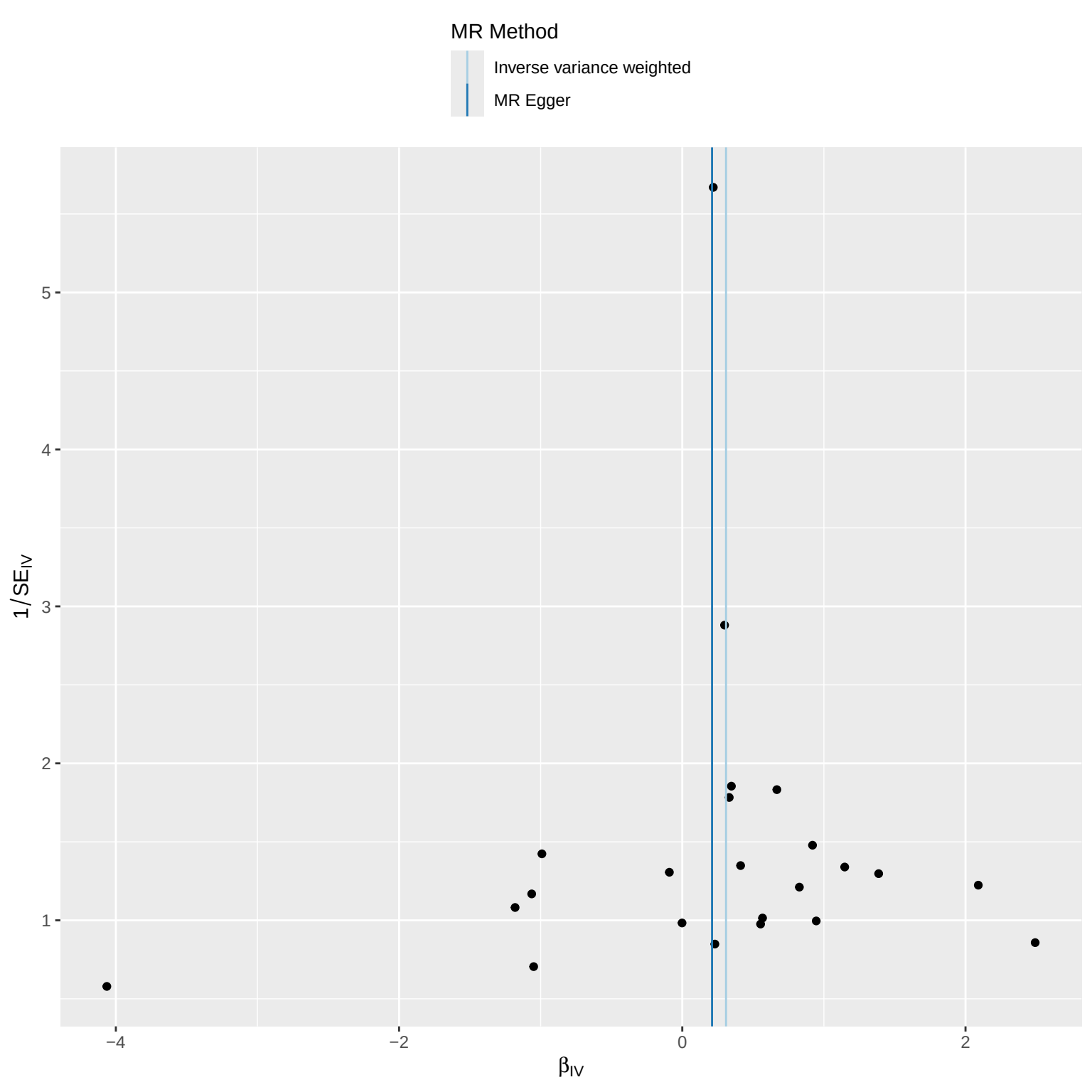

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
0
2
β_IV

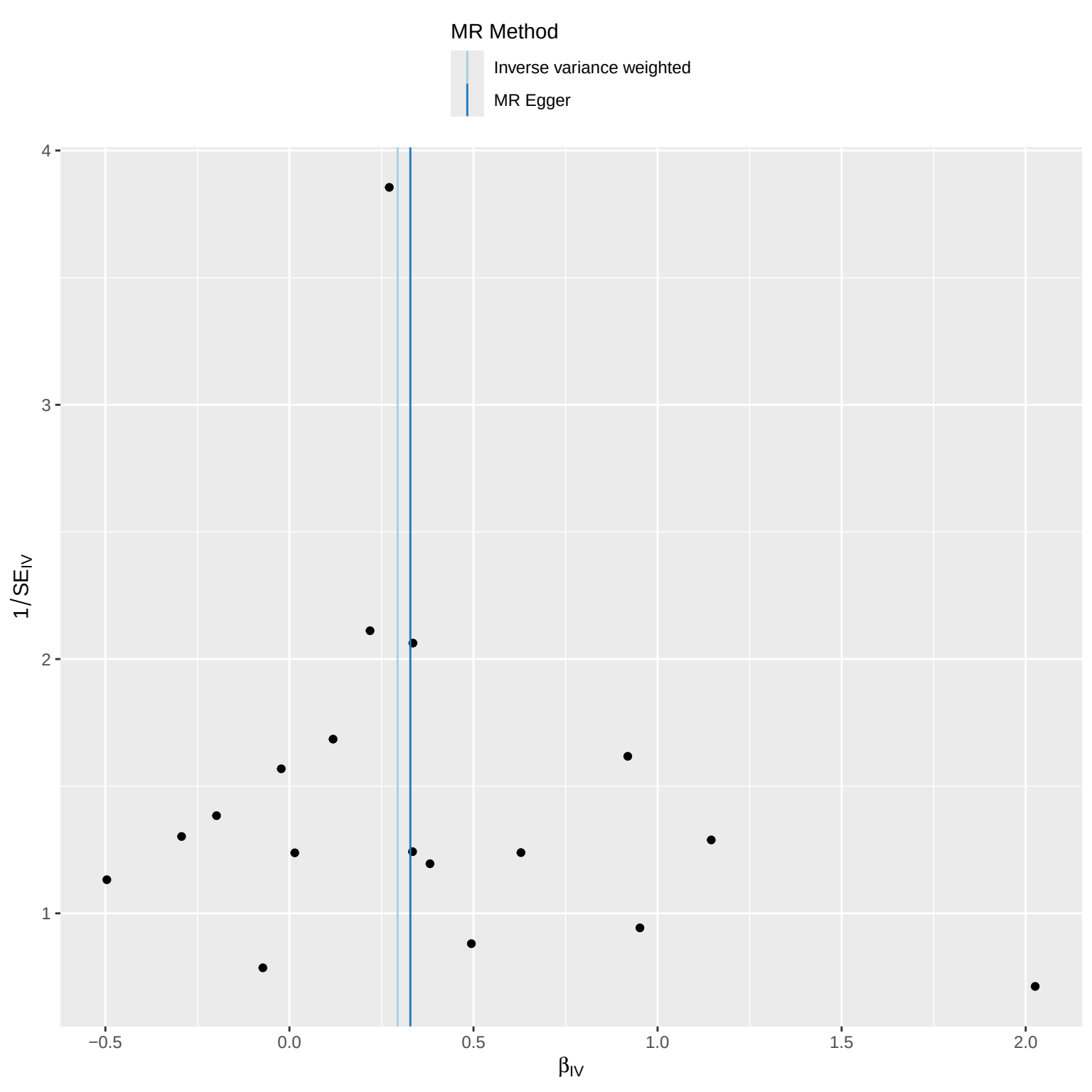

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−5
−4
−3
−2
−1
β_IV

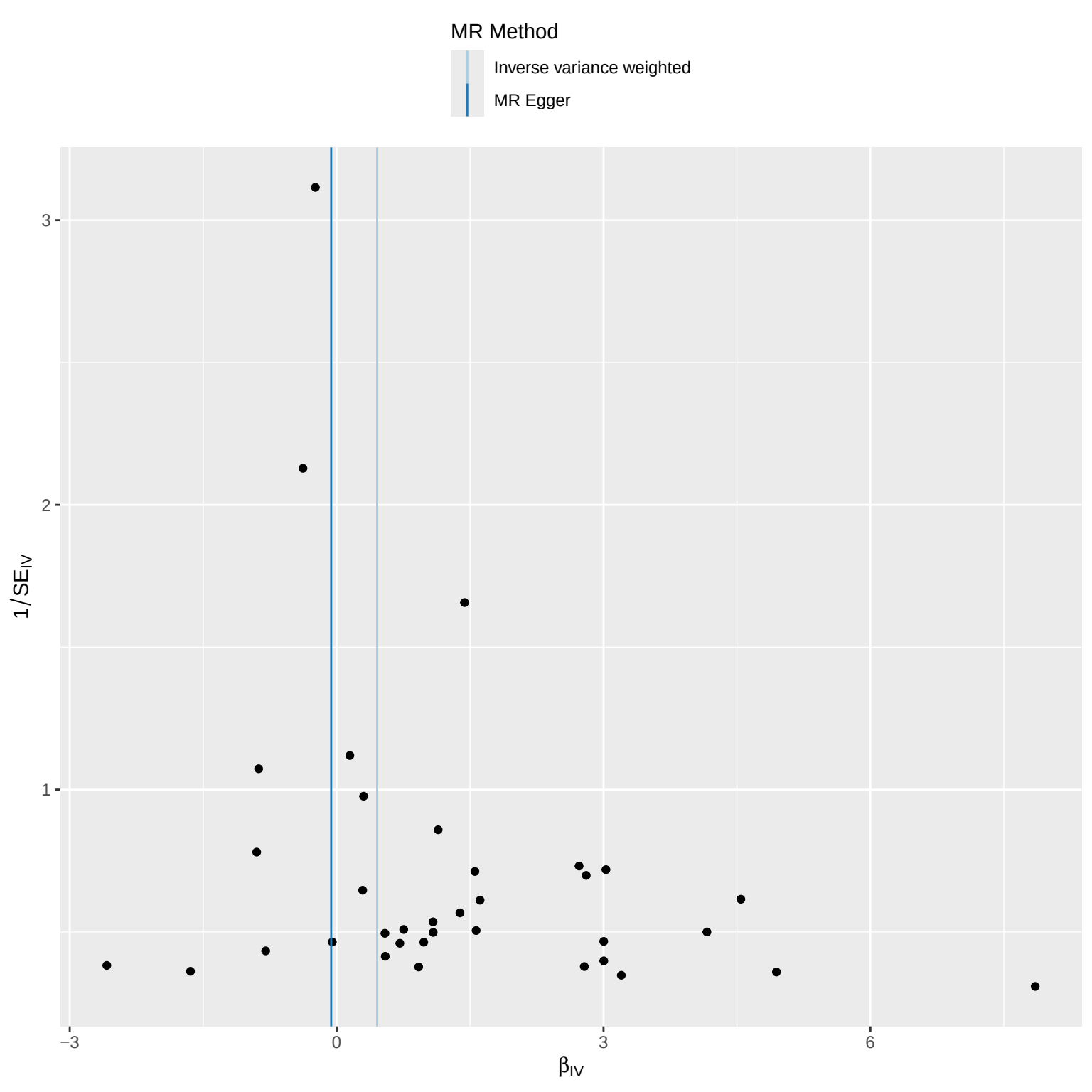

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

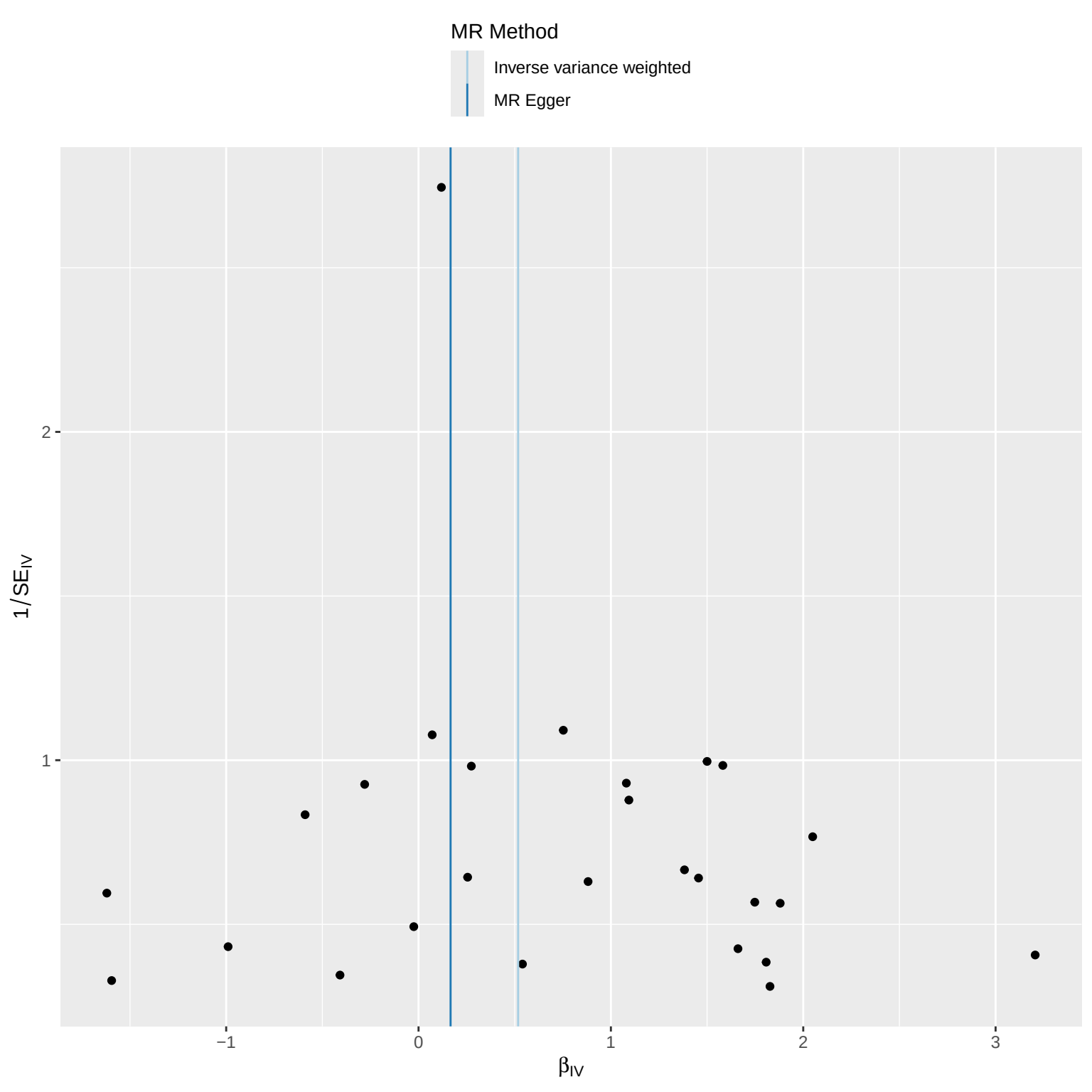

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
2
β_IV

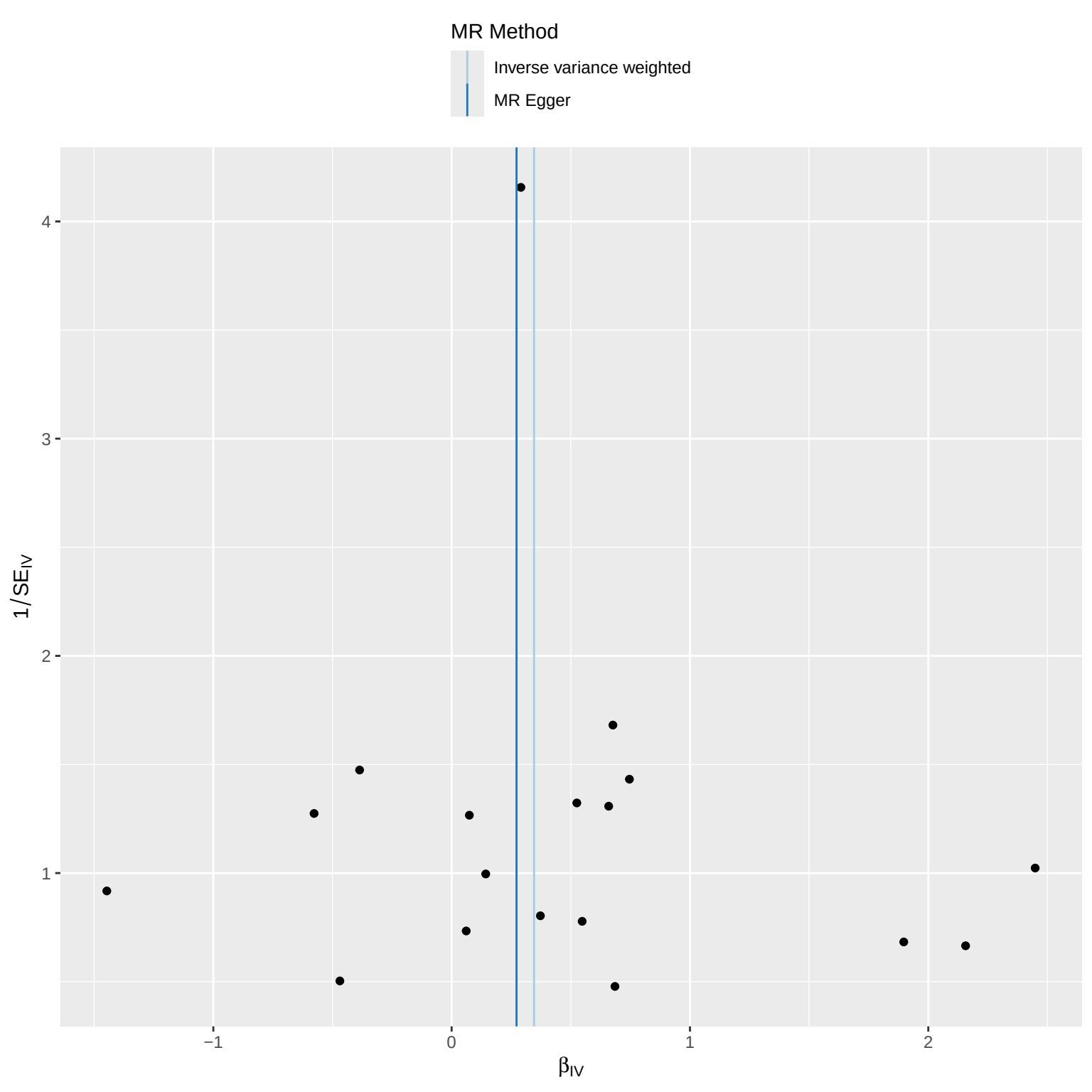

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

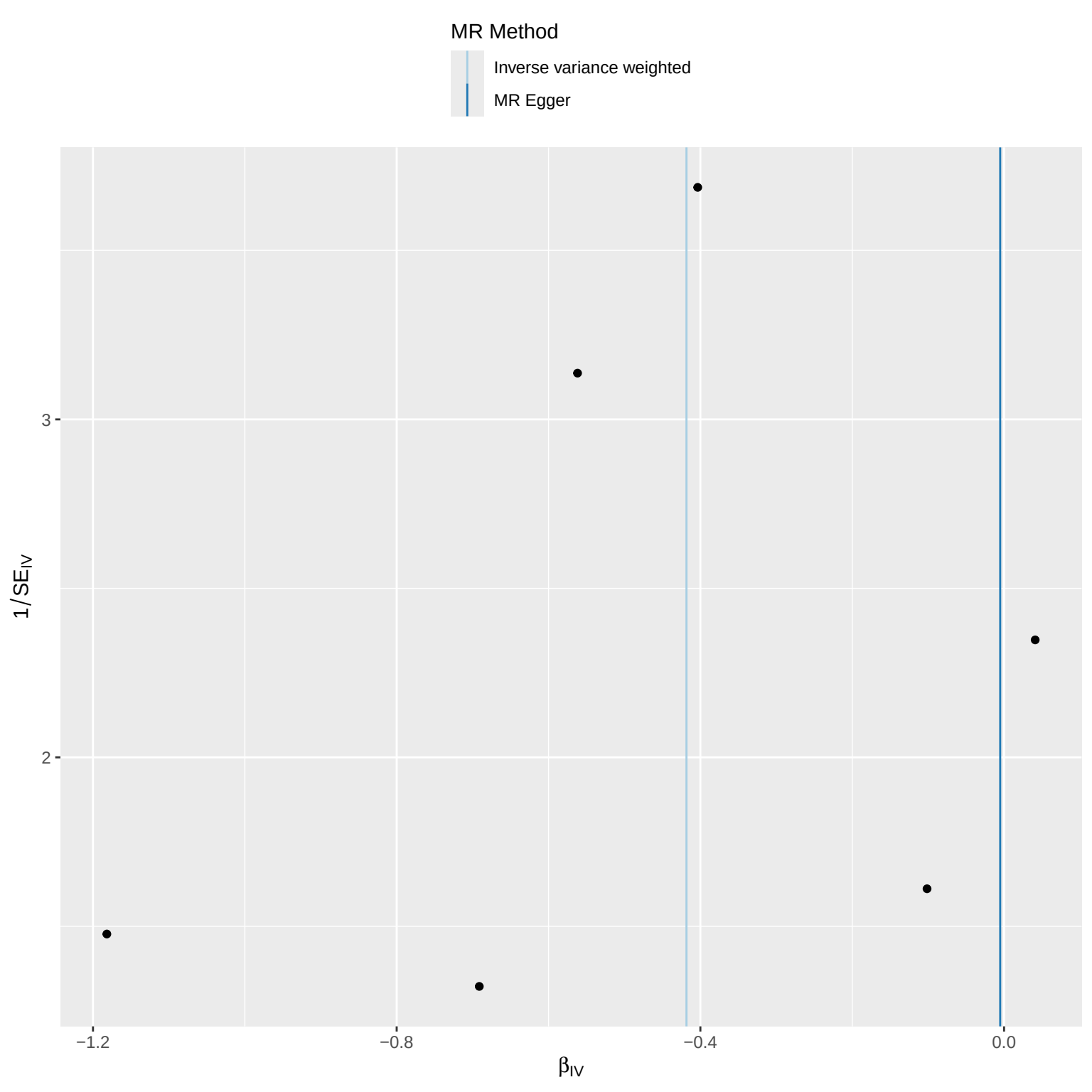

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−4
−2
0
2

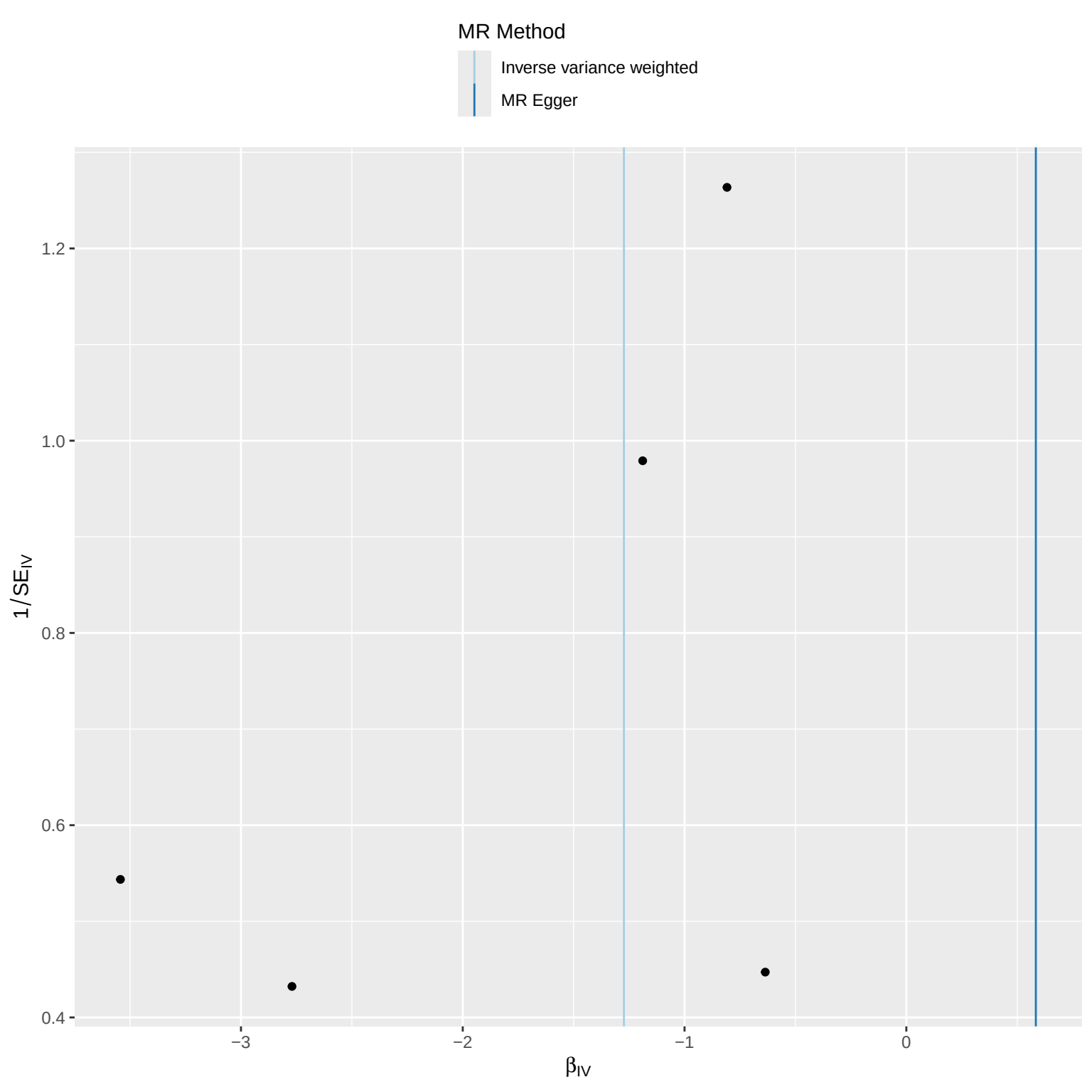

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

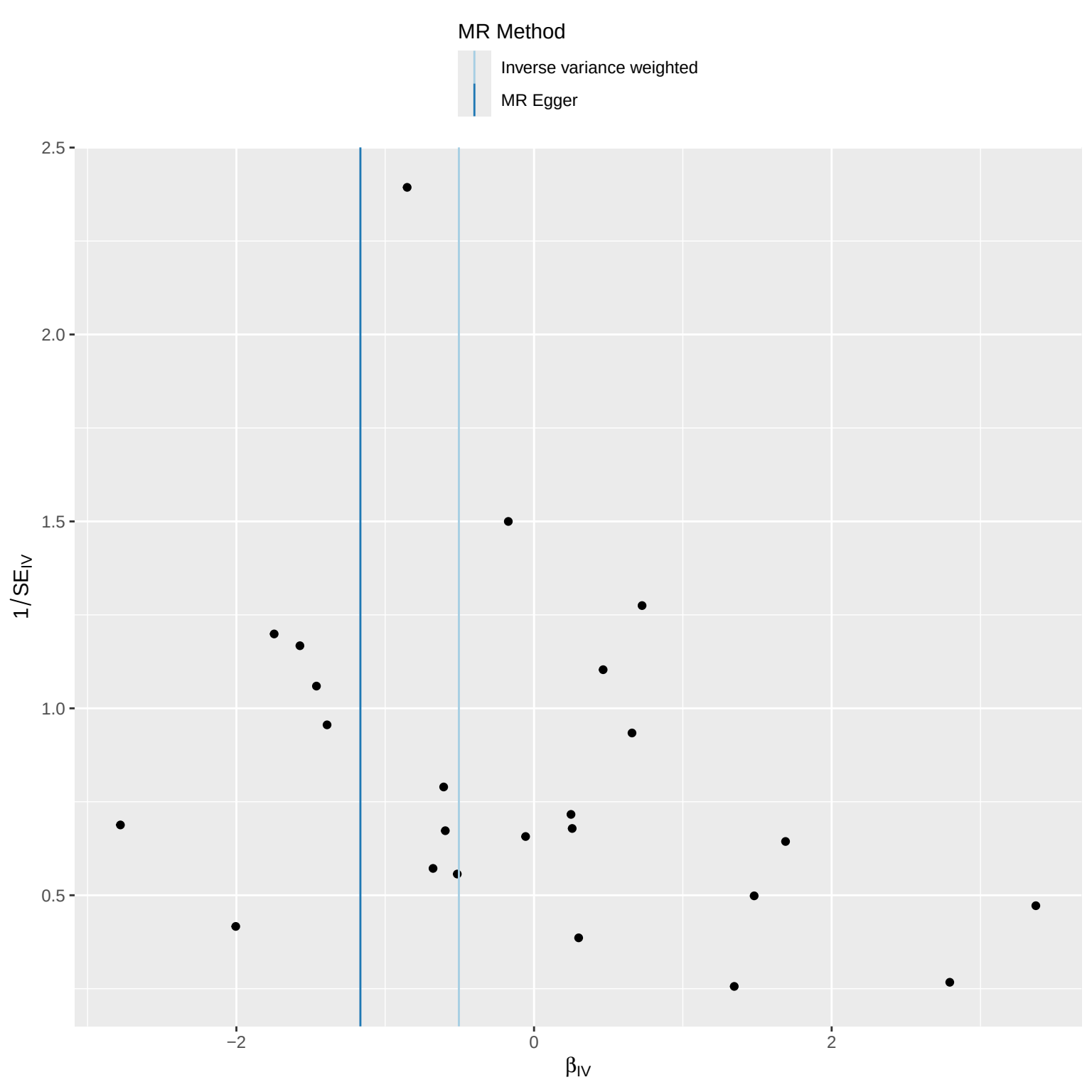

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
0
3
6
β_IV

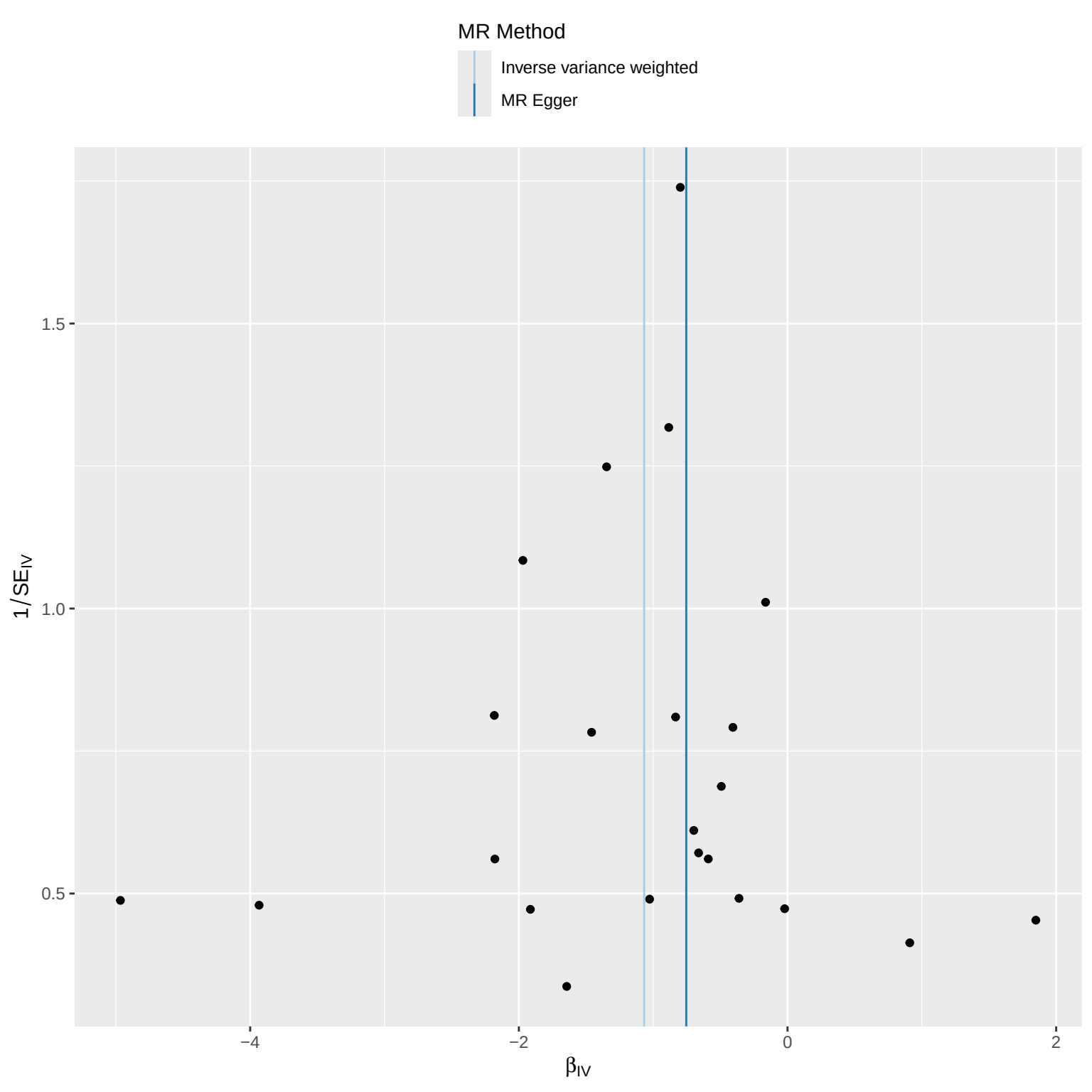

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

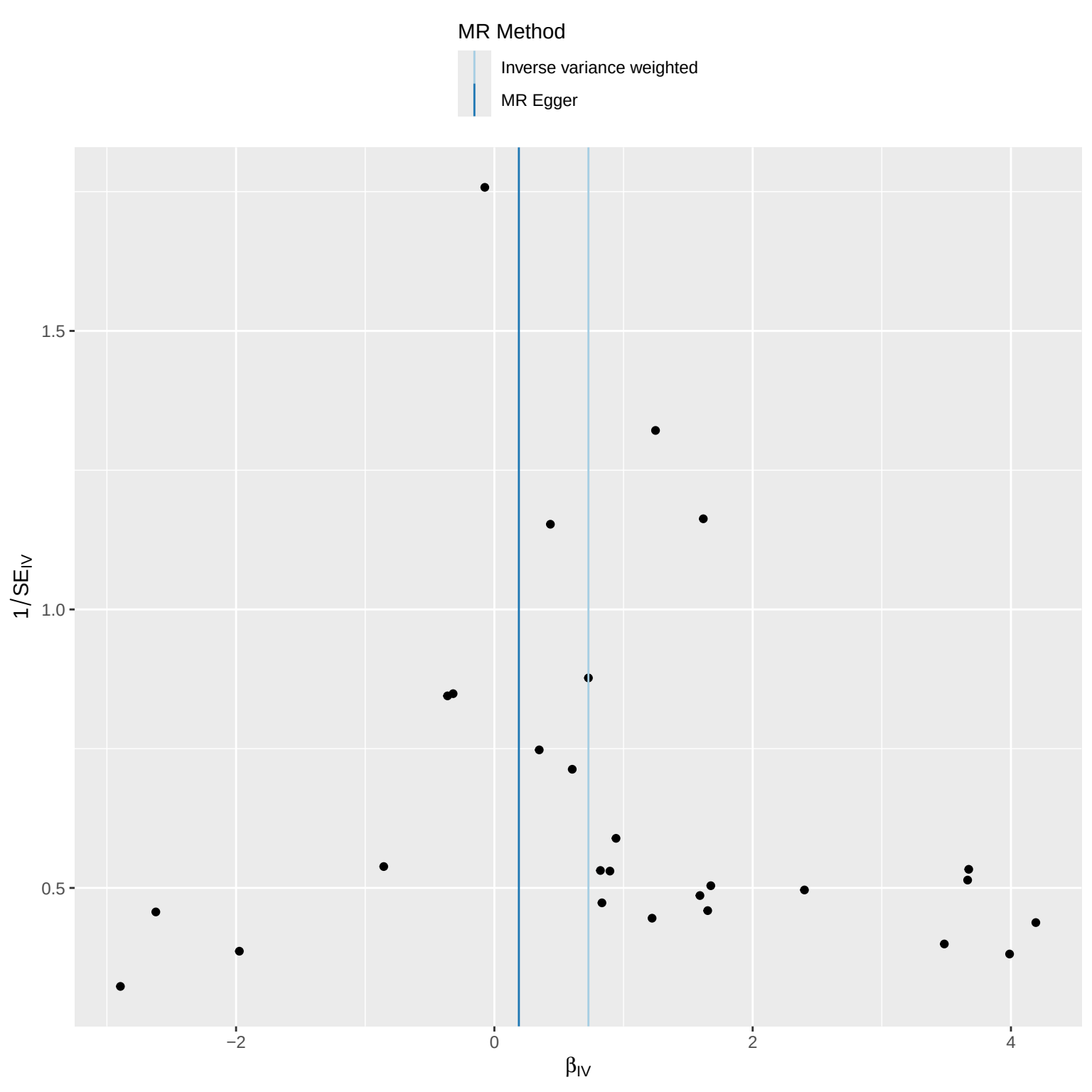

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

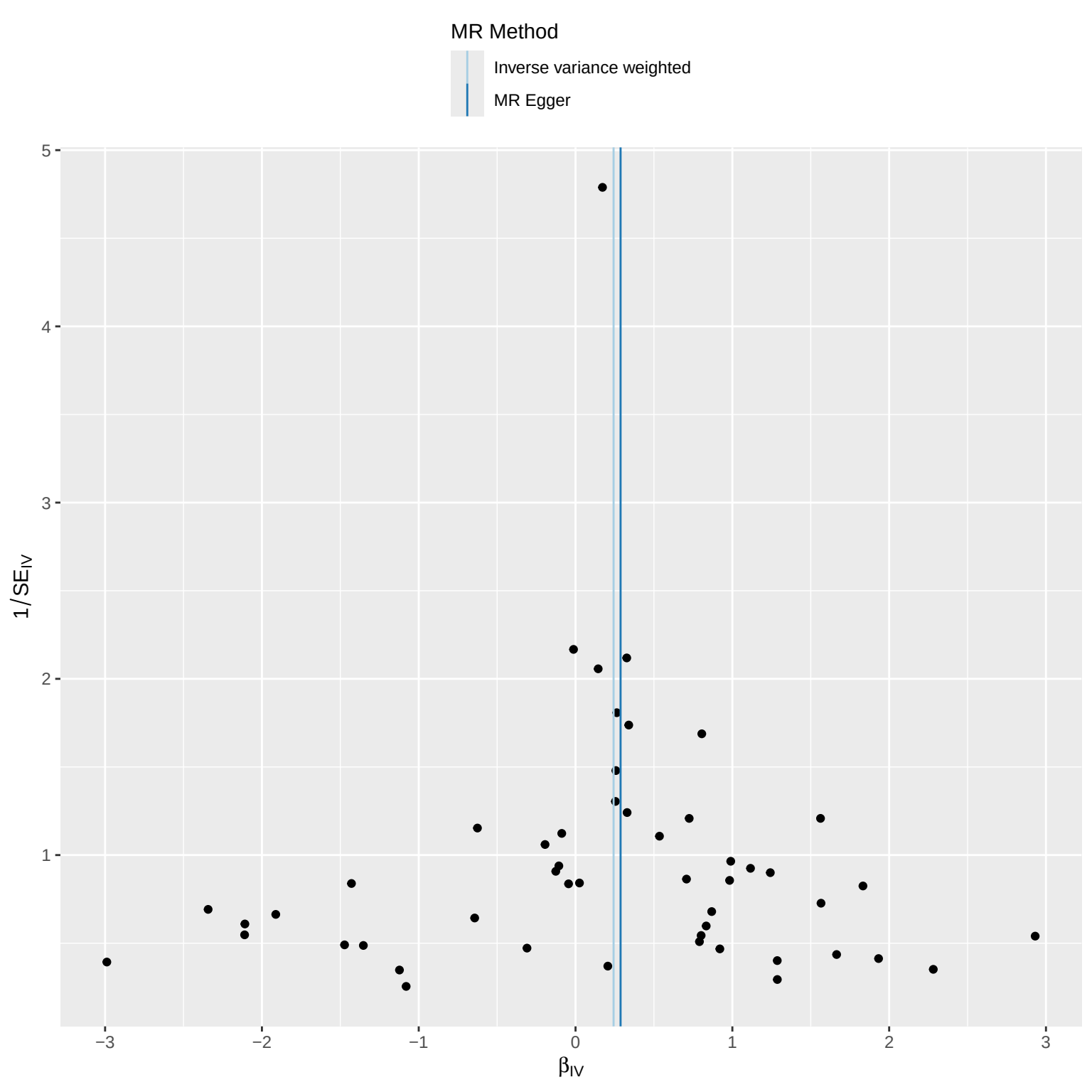

MR Method
Inverse variance weighted
MR Egger
3
2
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

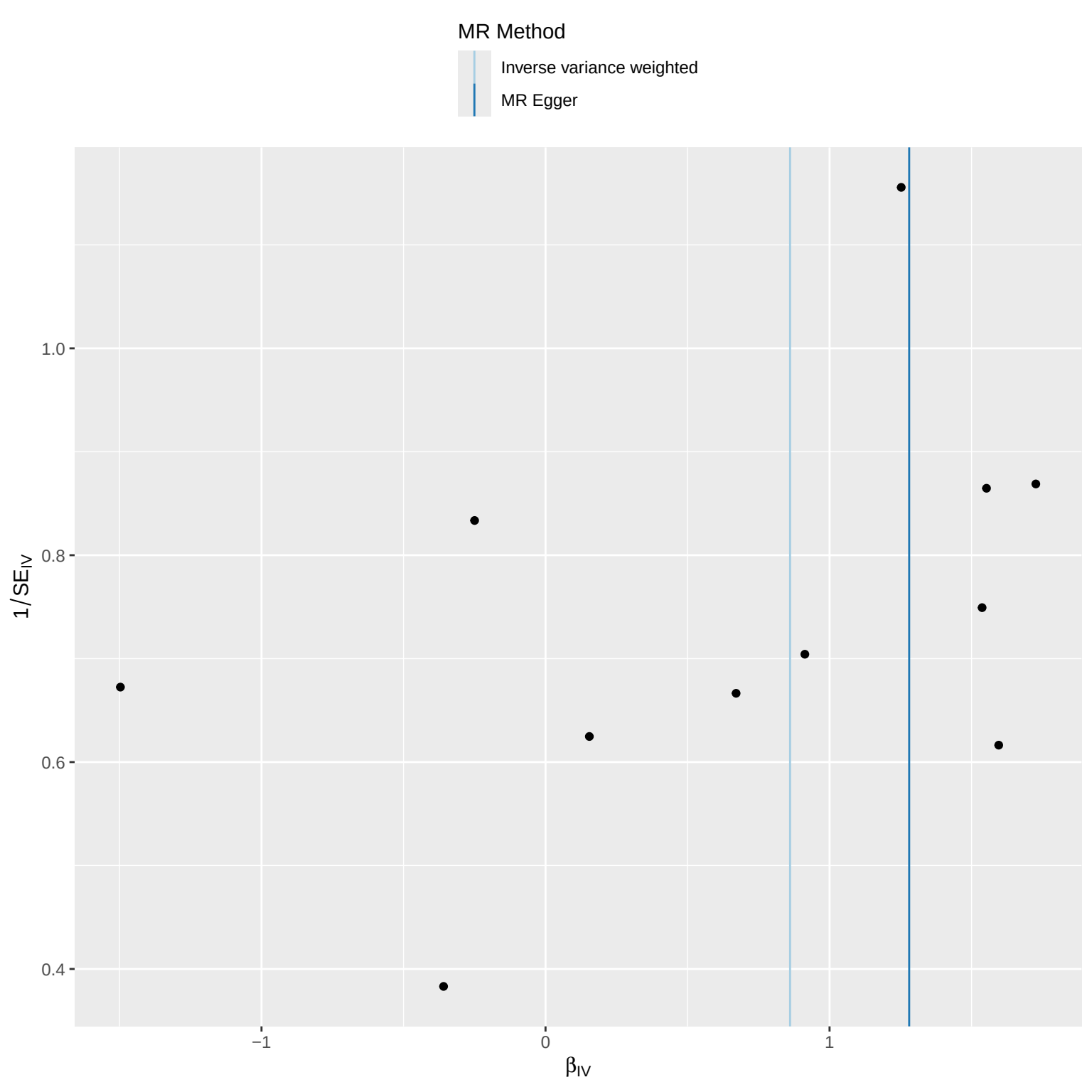

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
β_IV

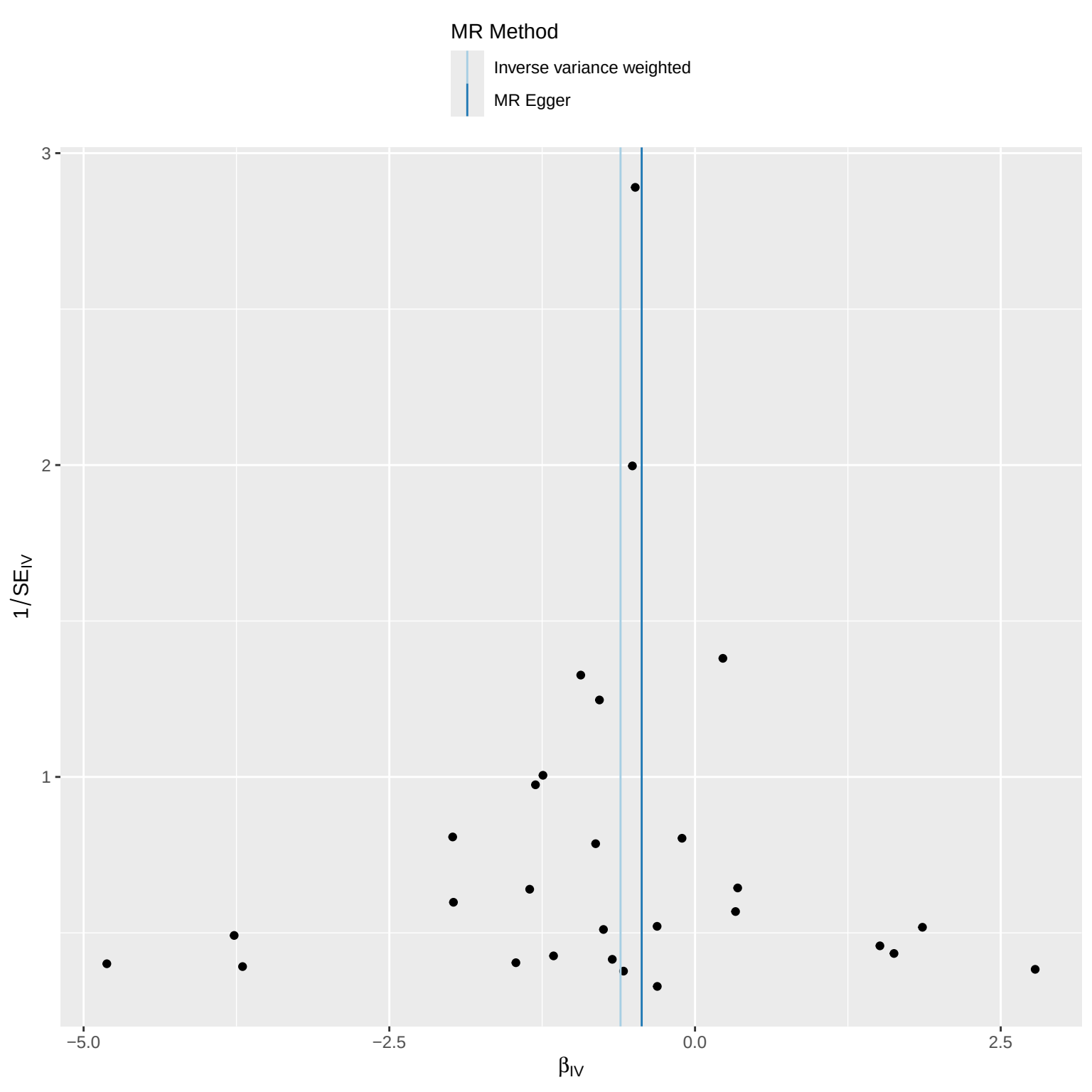

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

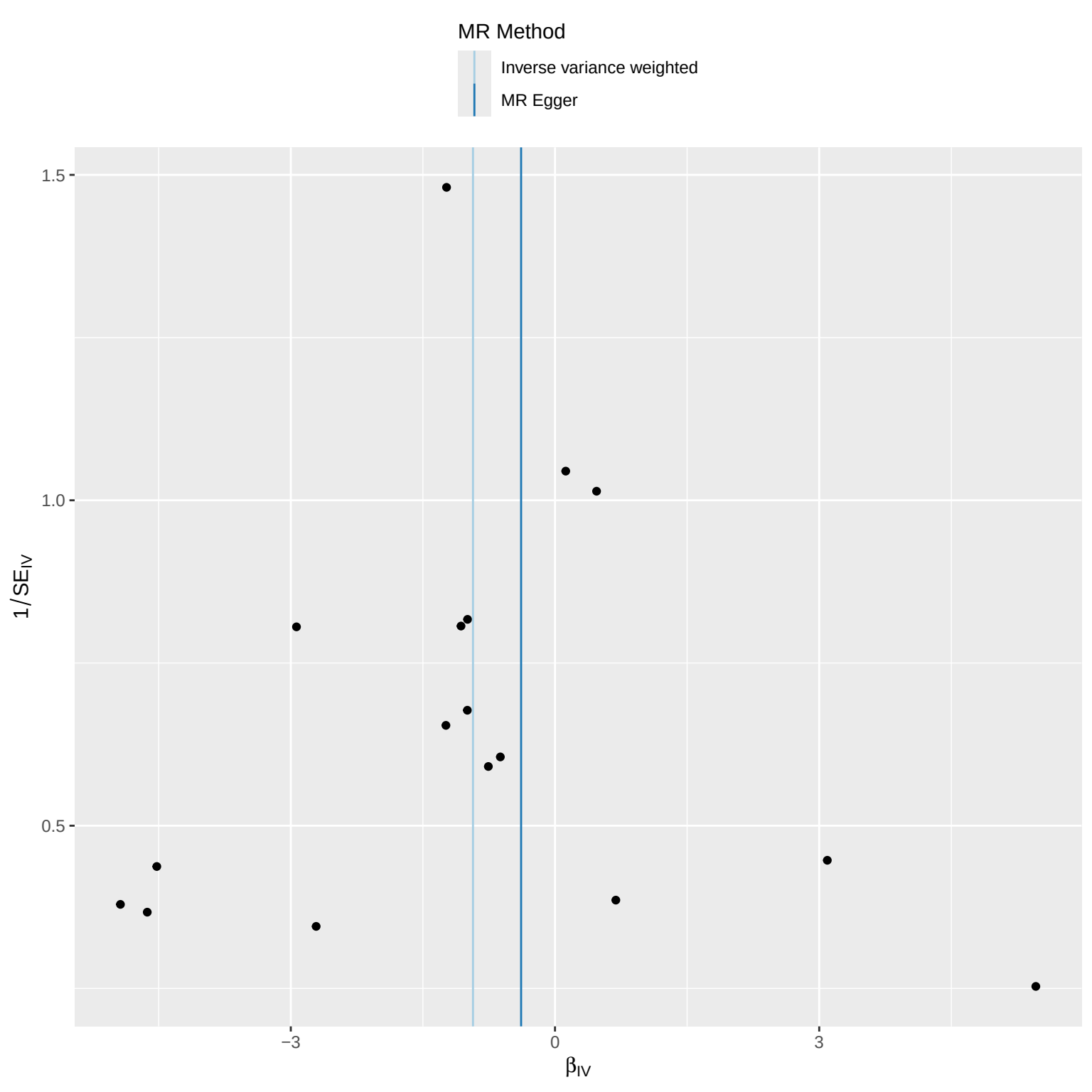

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

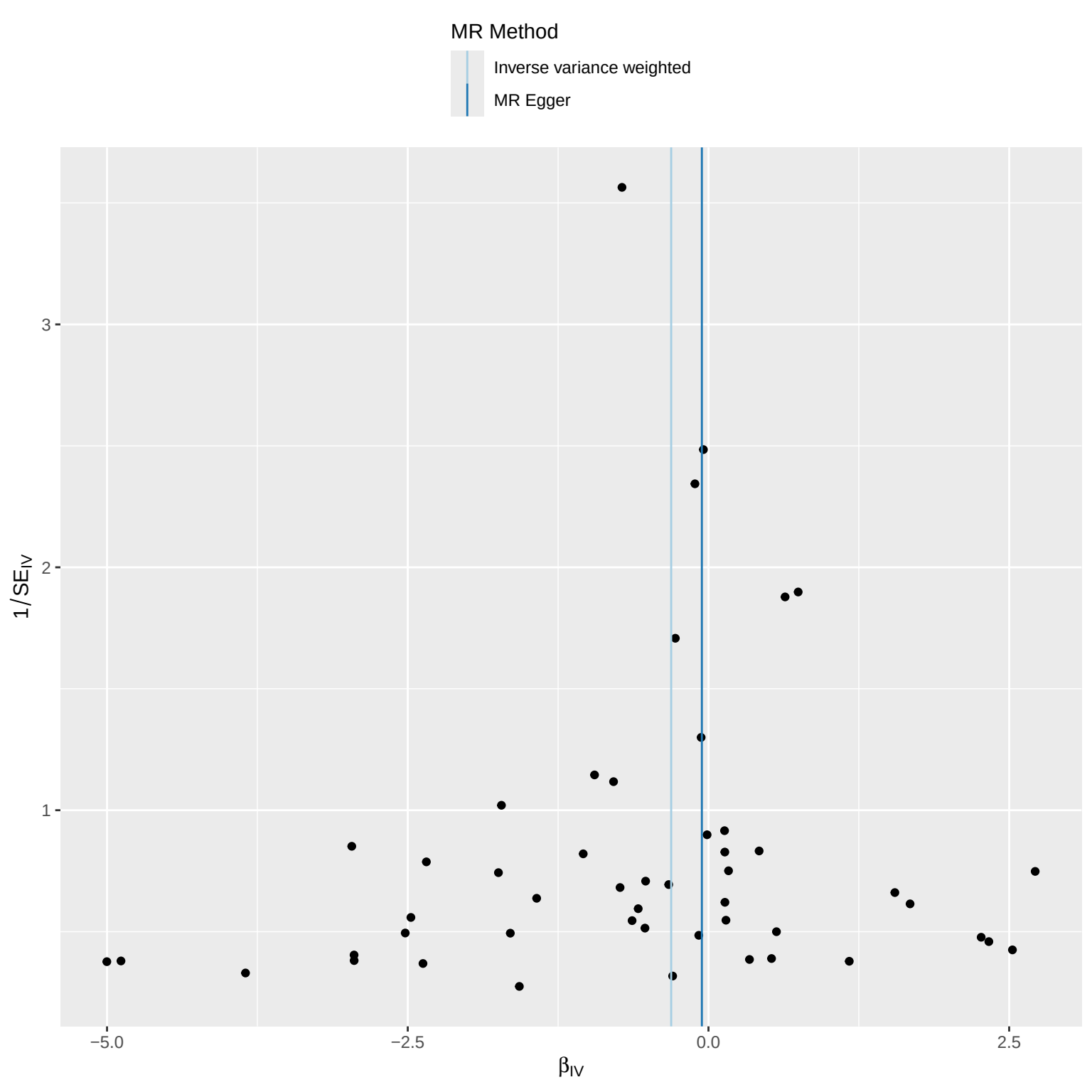

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

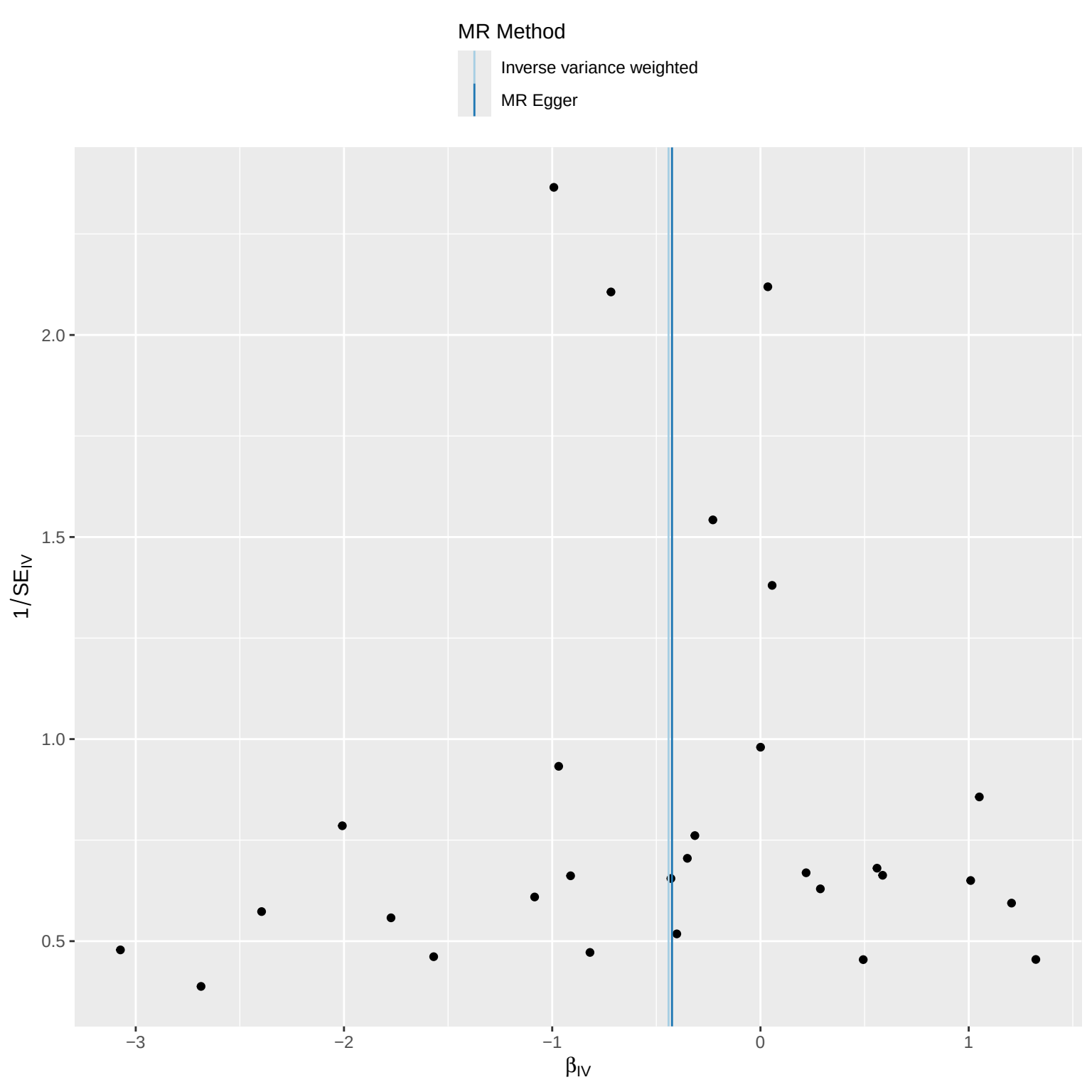

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

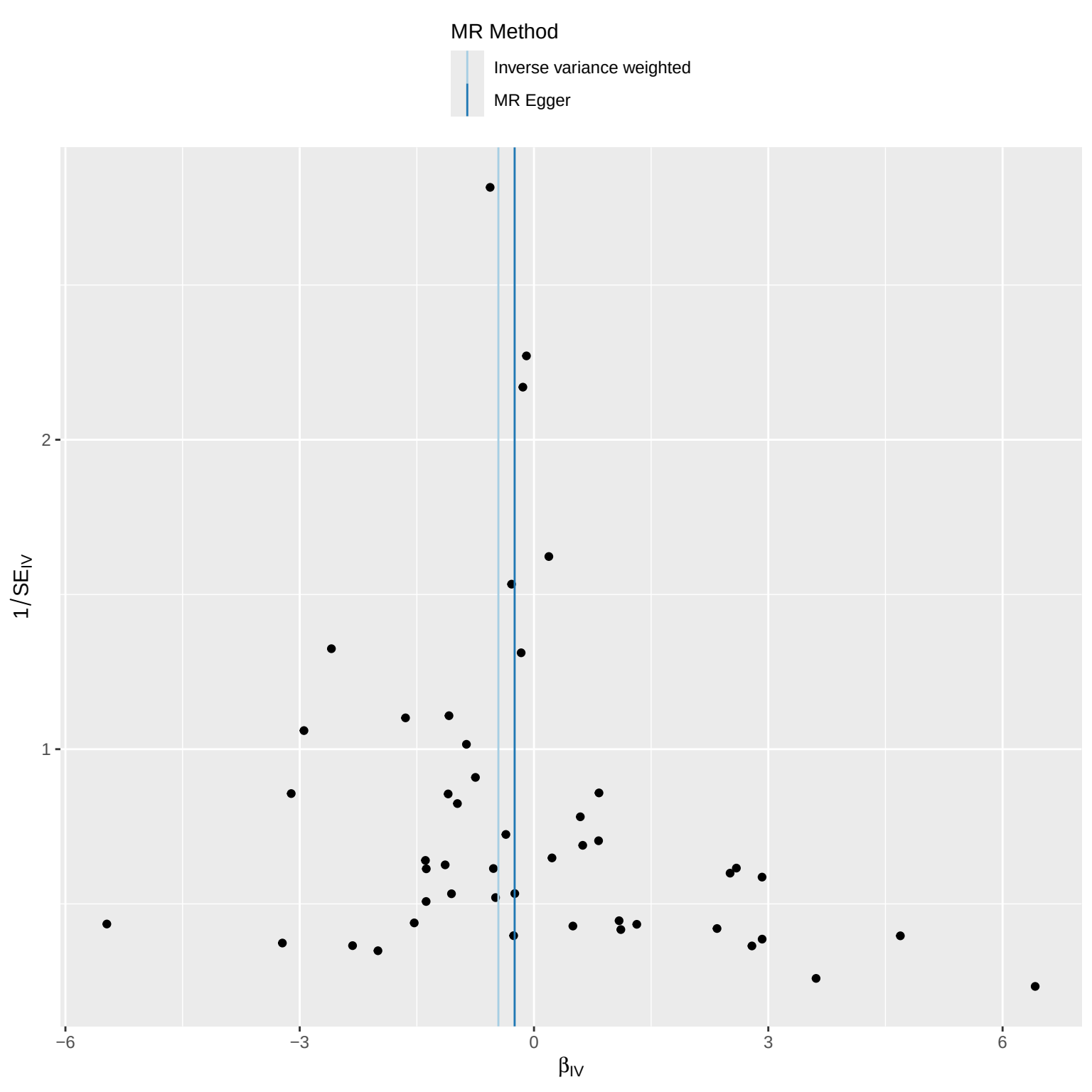

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−1
0
1
β_IV

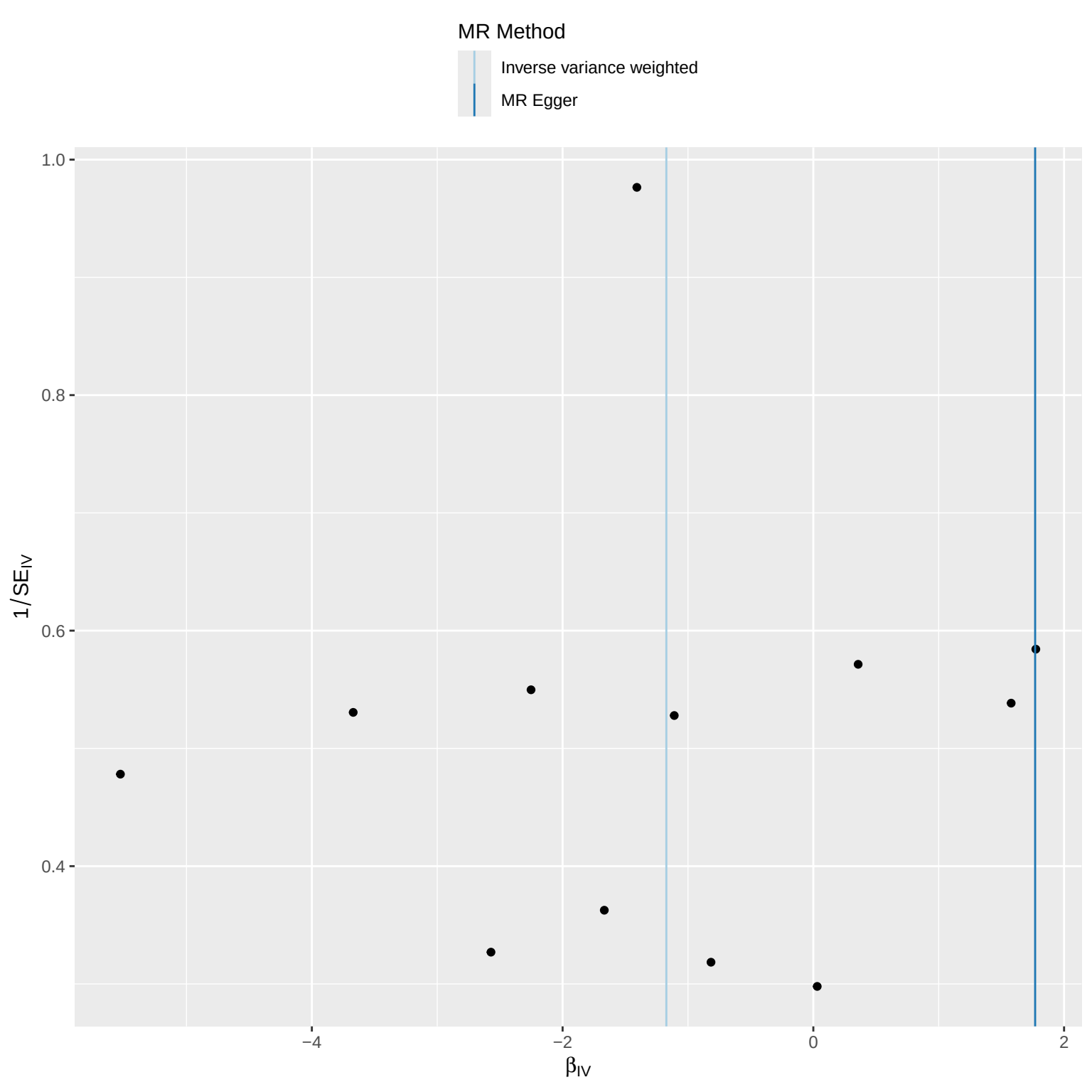

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

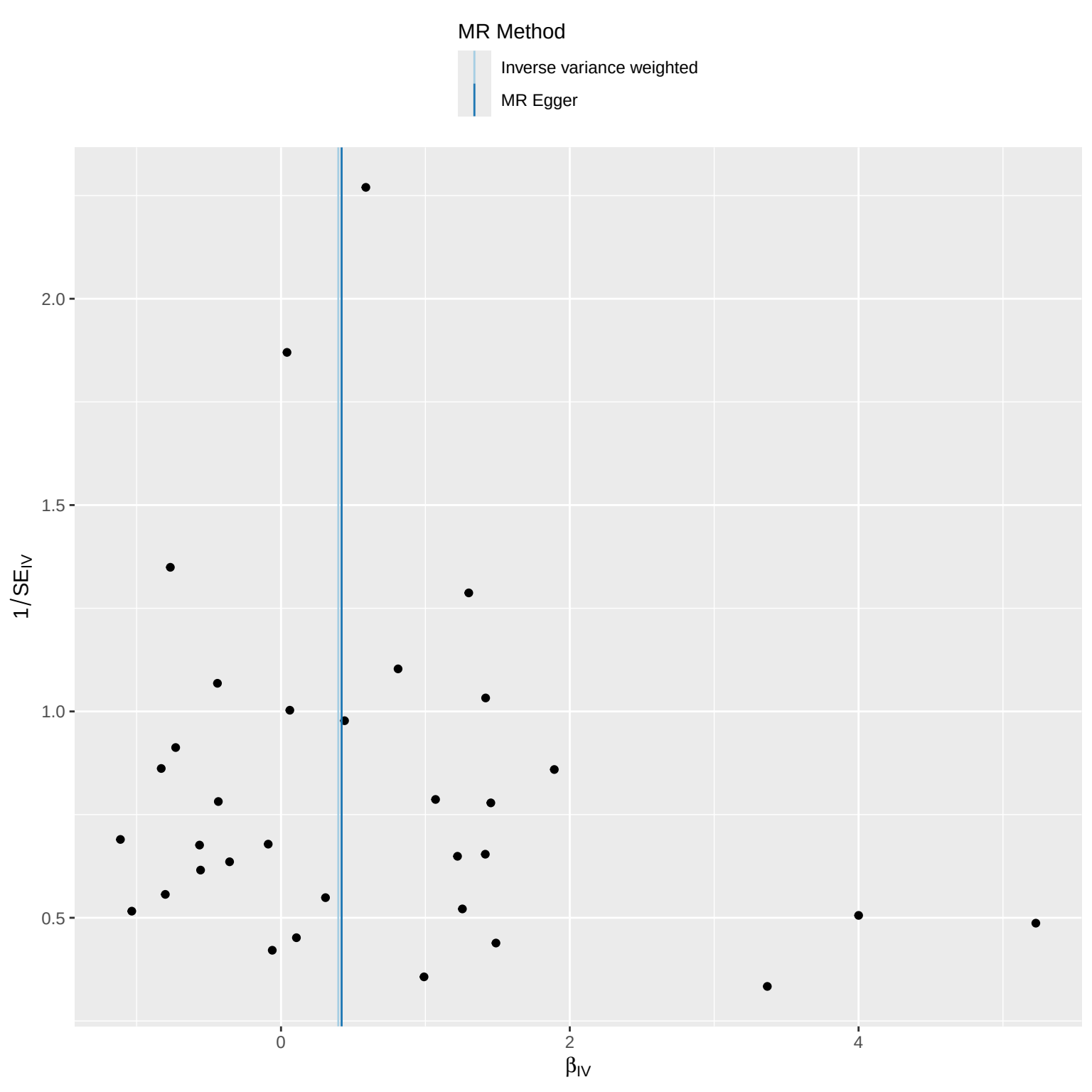

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
0
3
β_IV

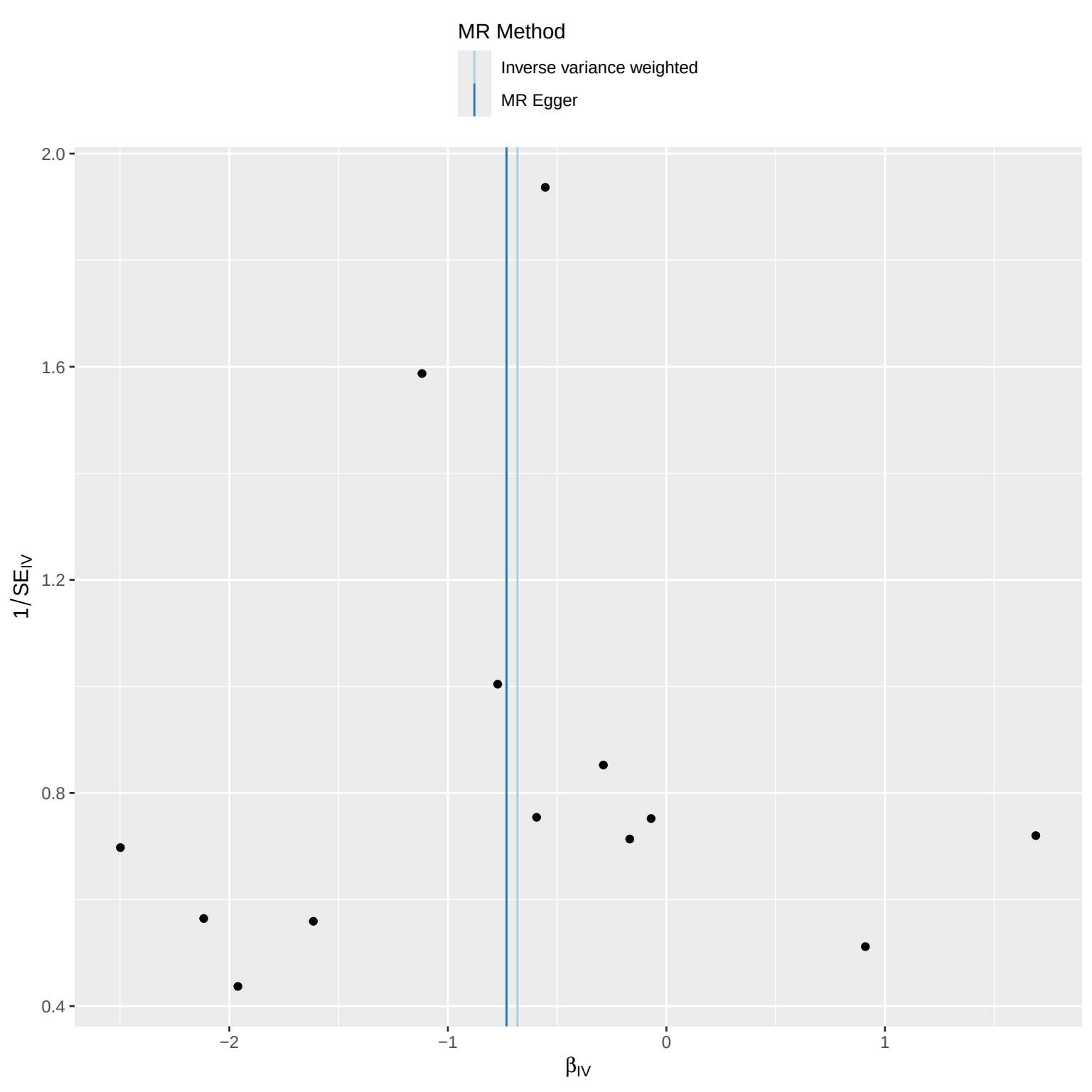

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

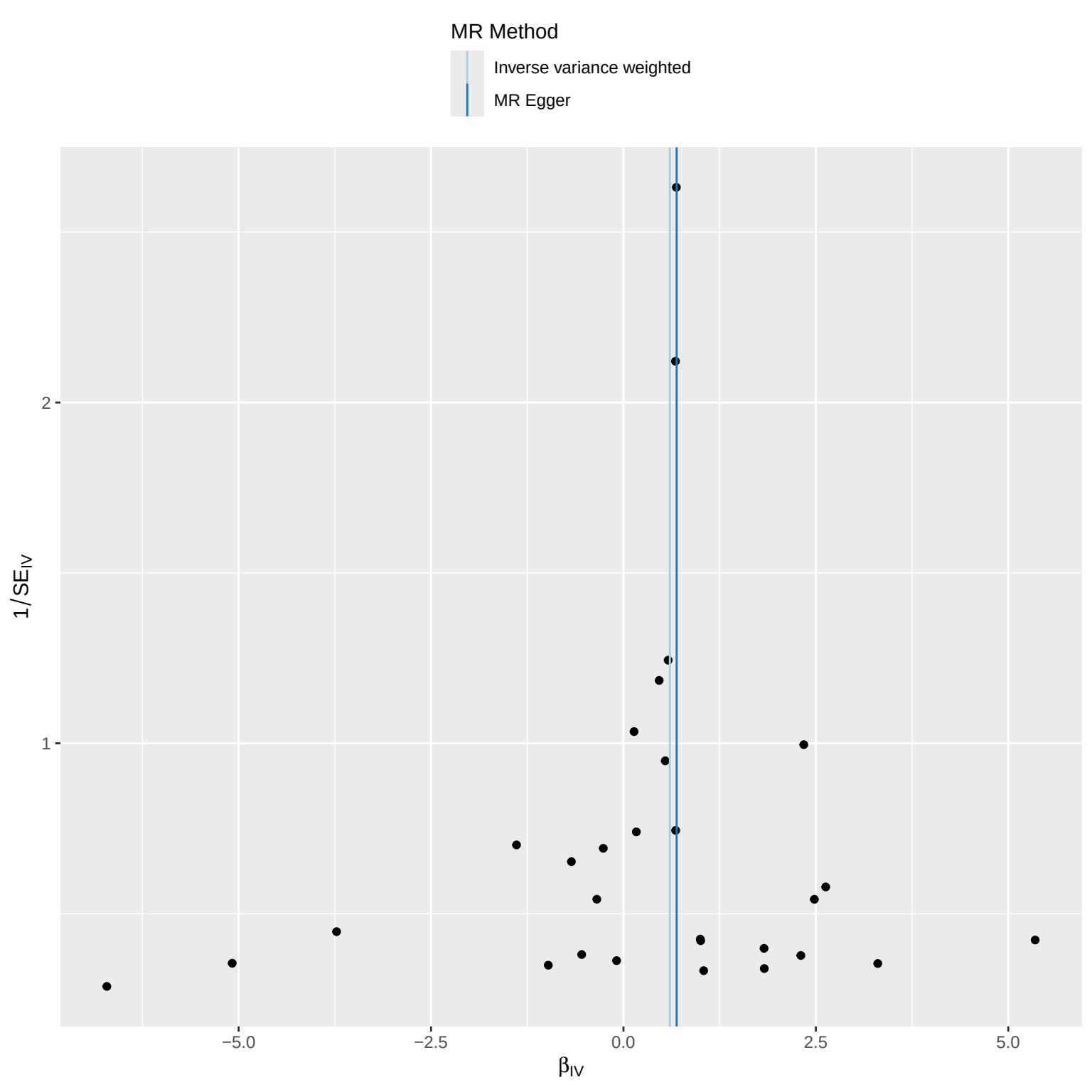

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

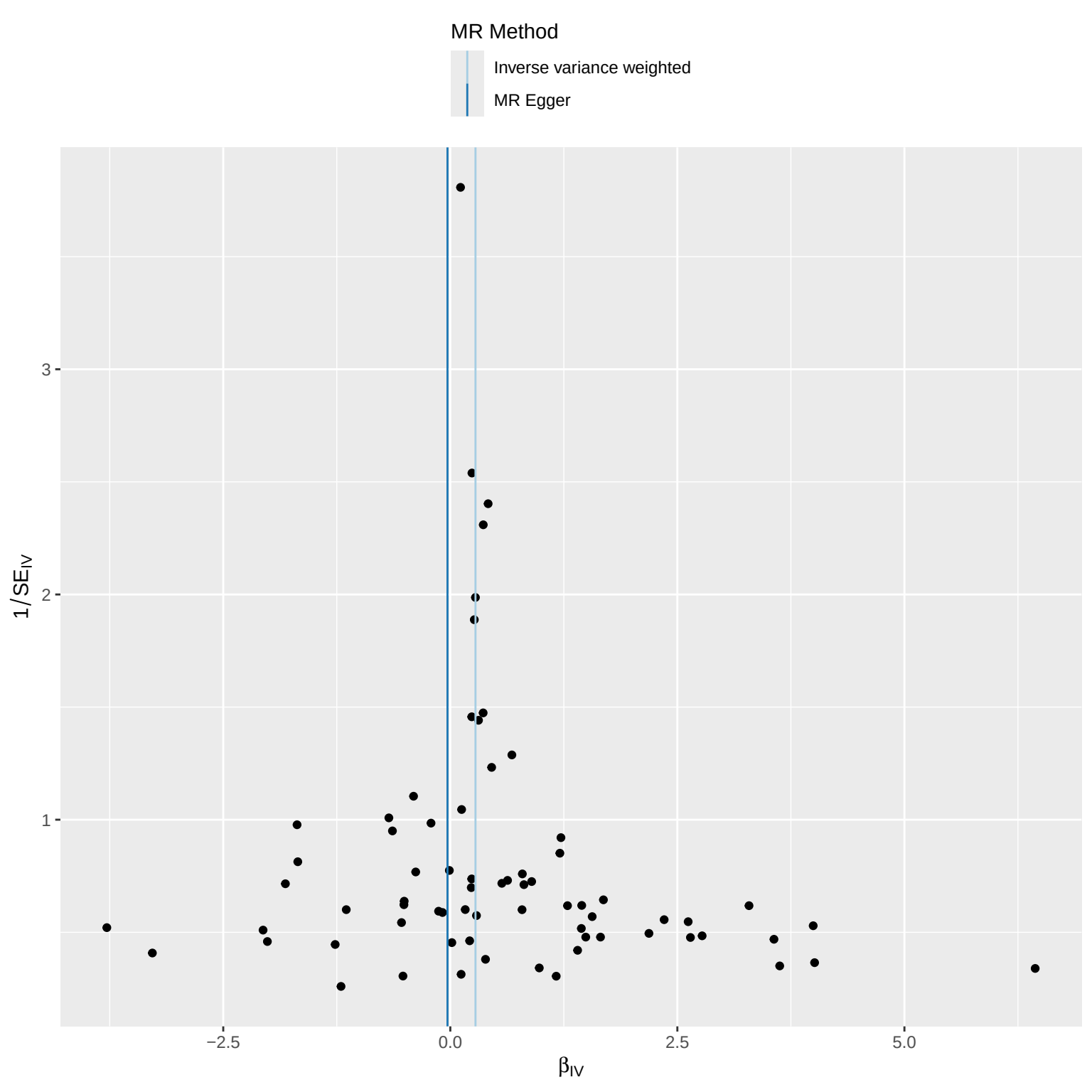

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−3
0
3
6
β_IV

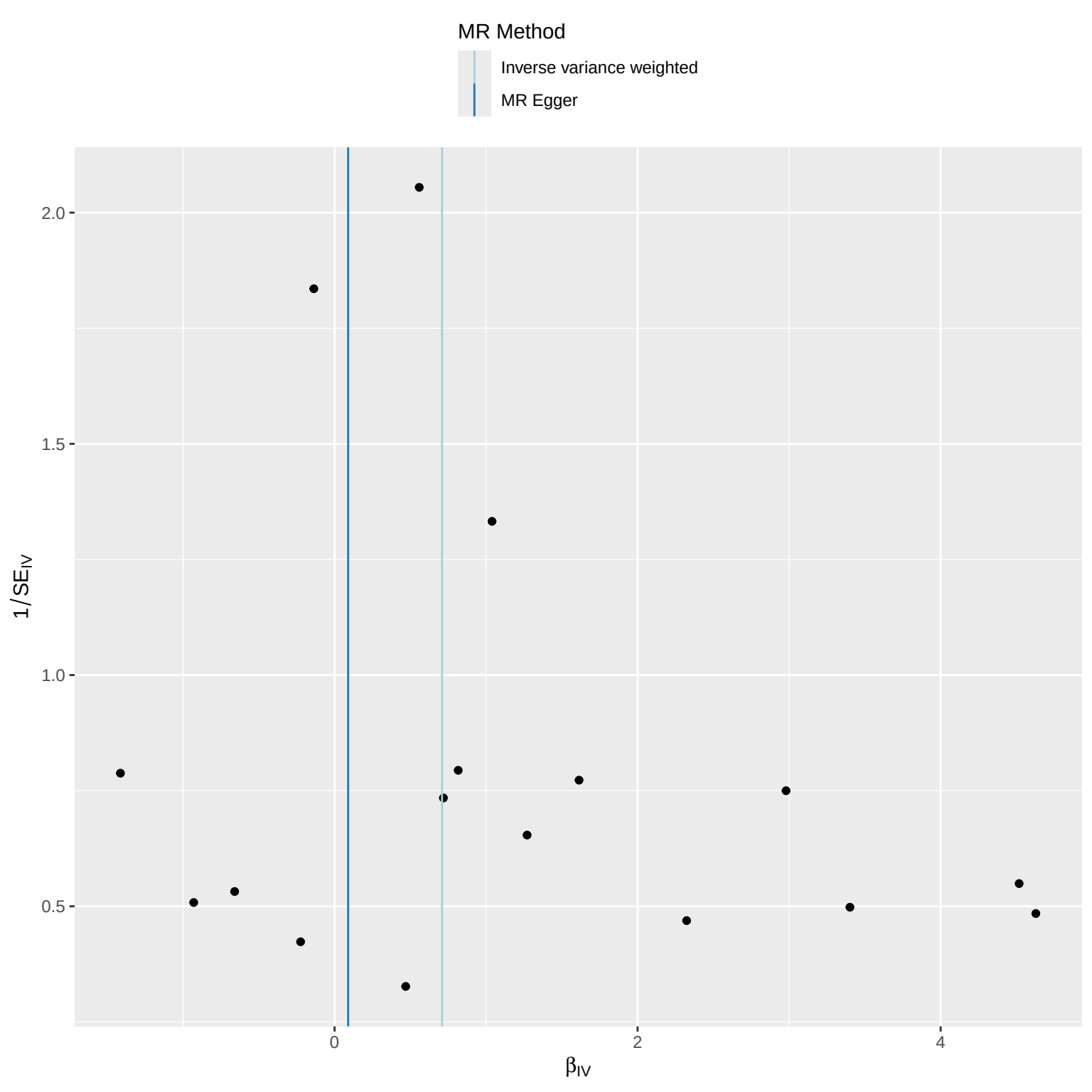

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−2
0
2
β_IV

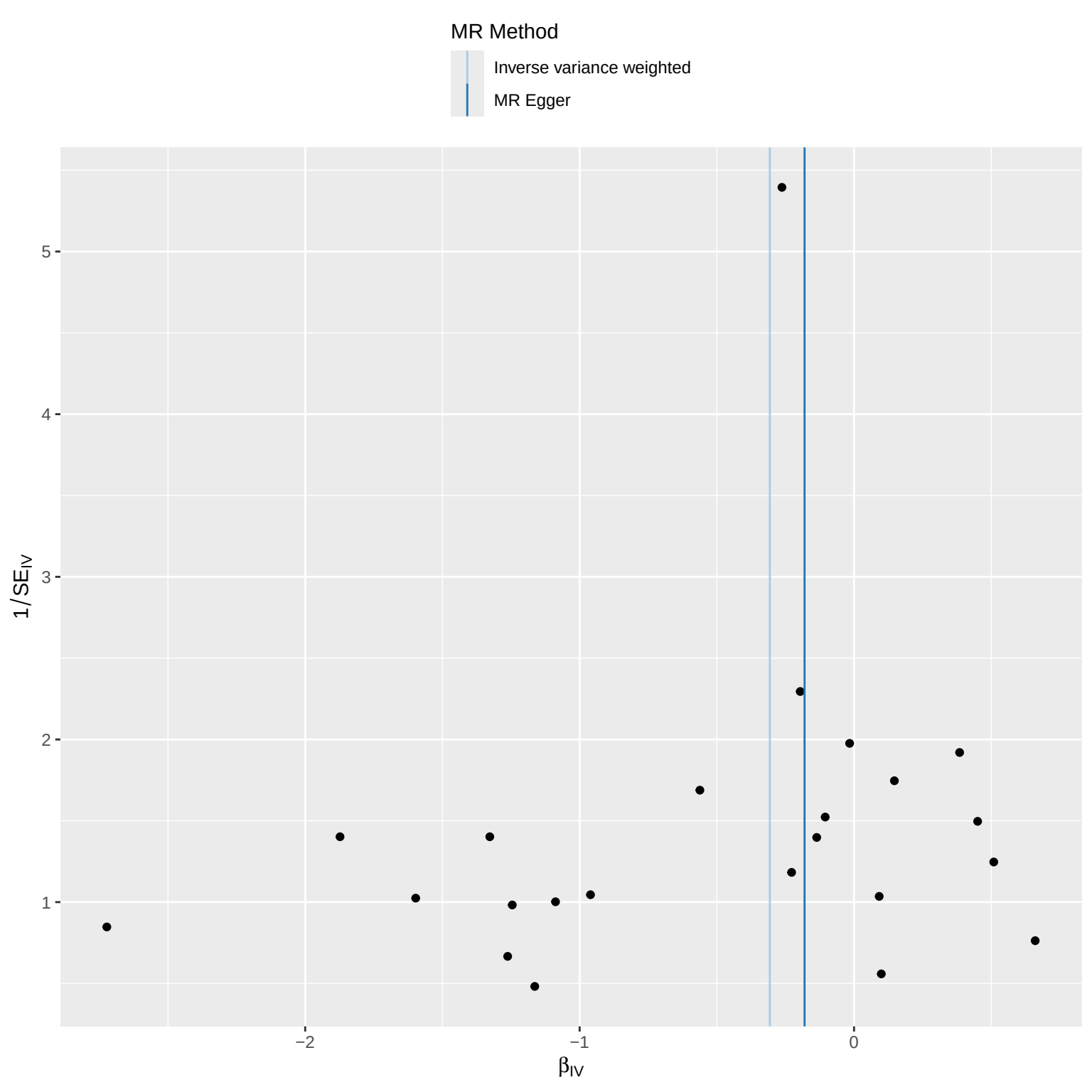

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

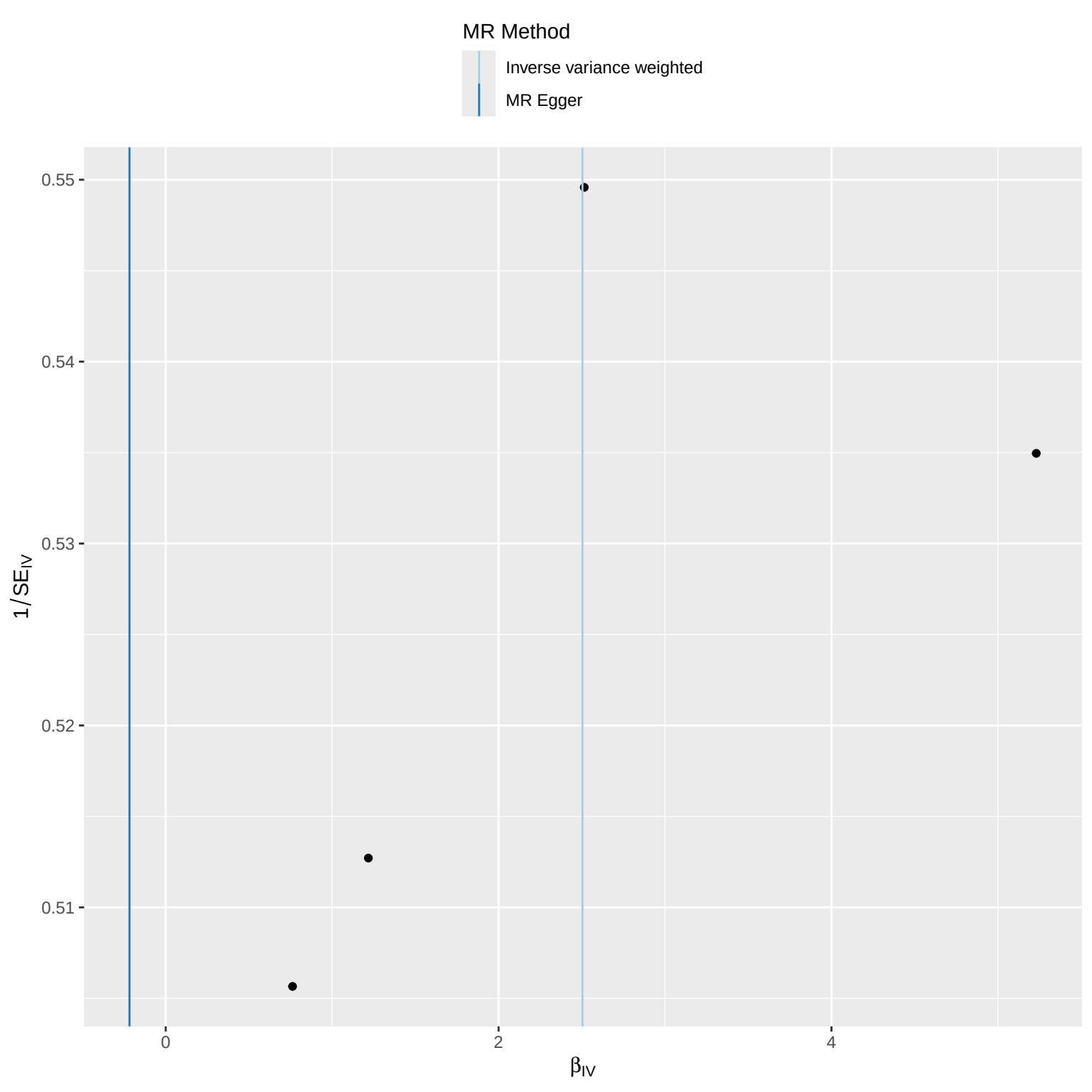

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

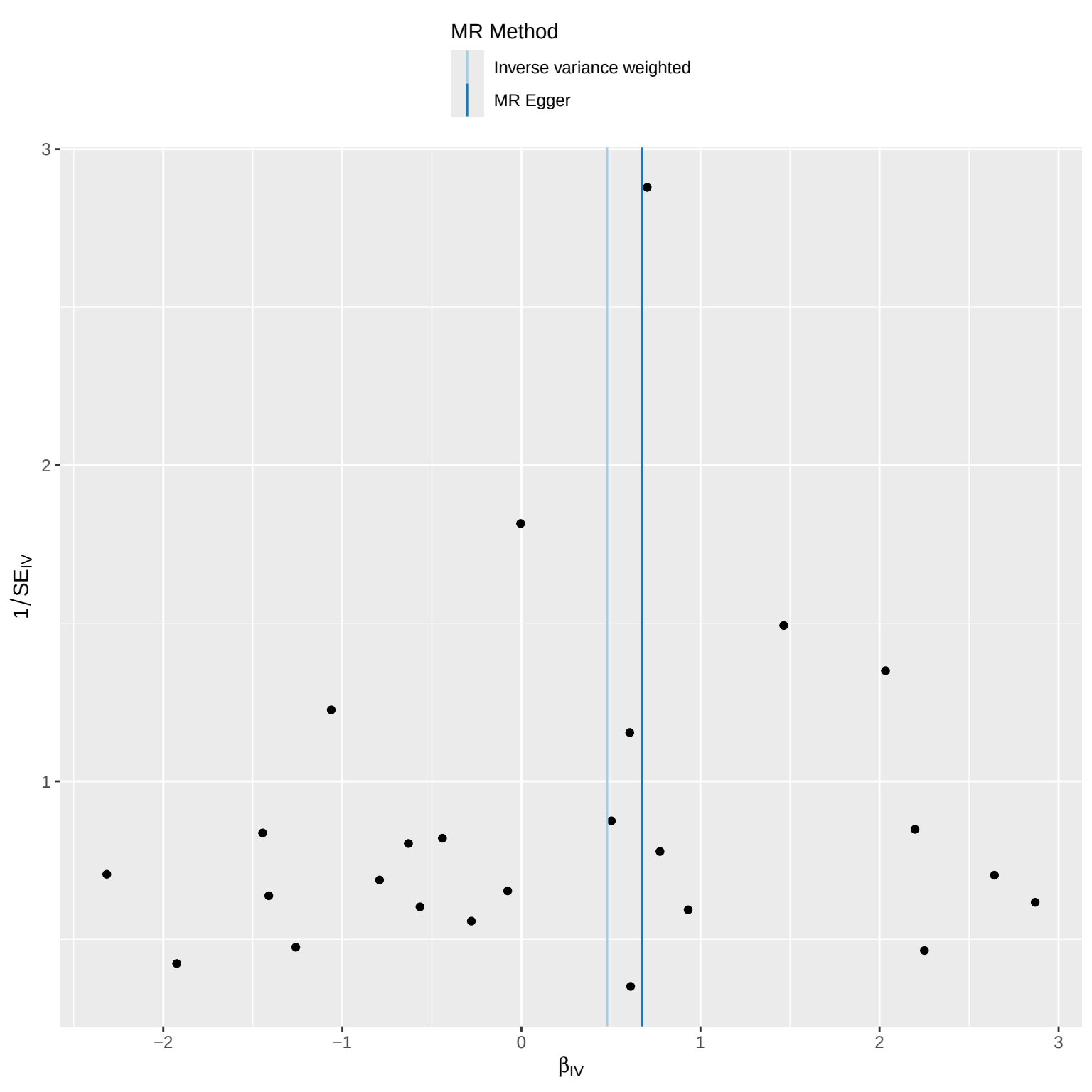

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

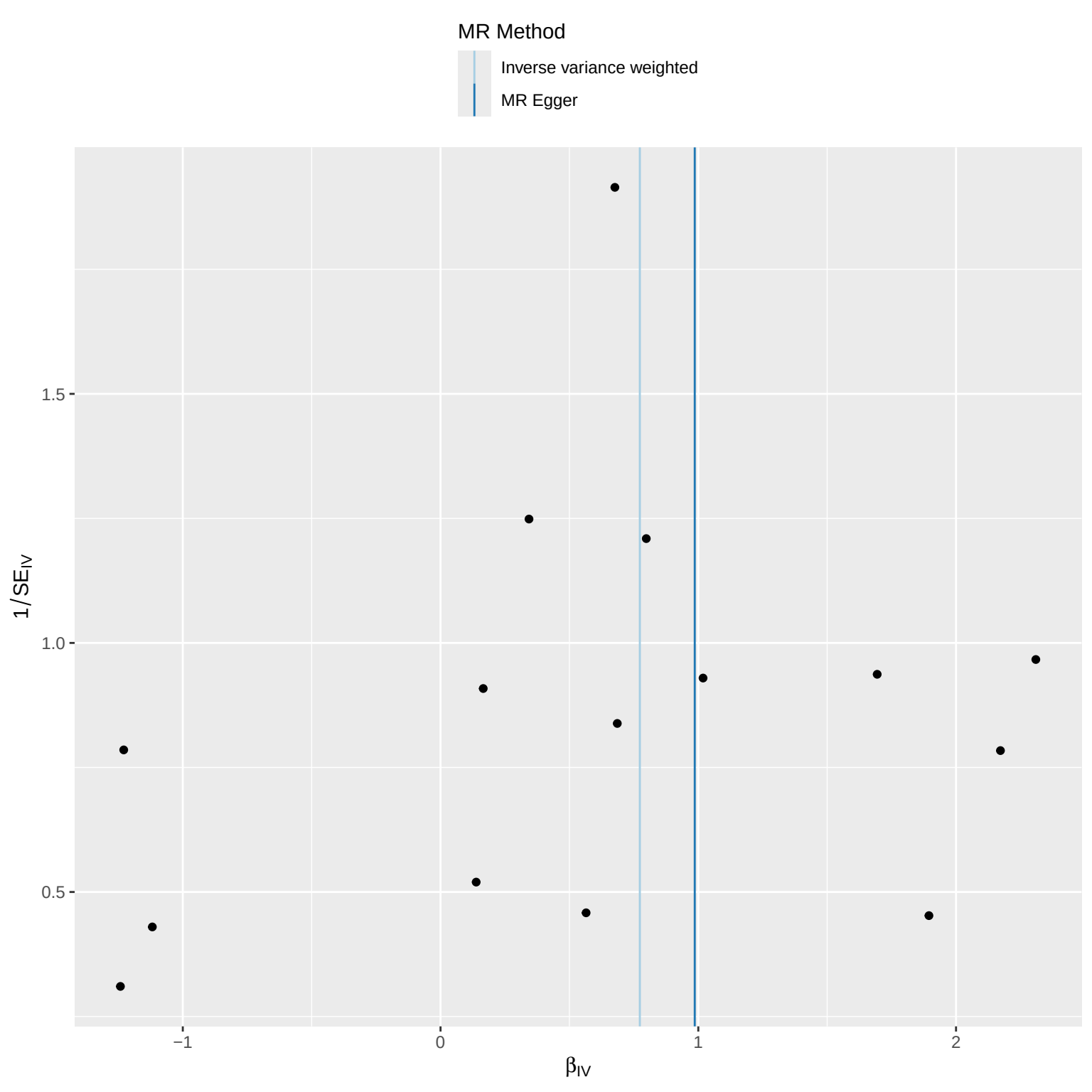

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

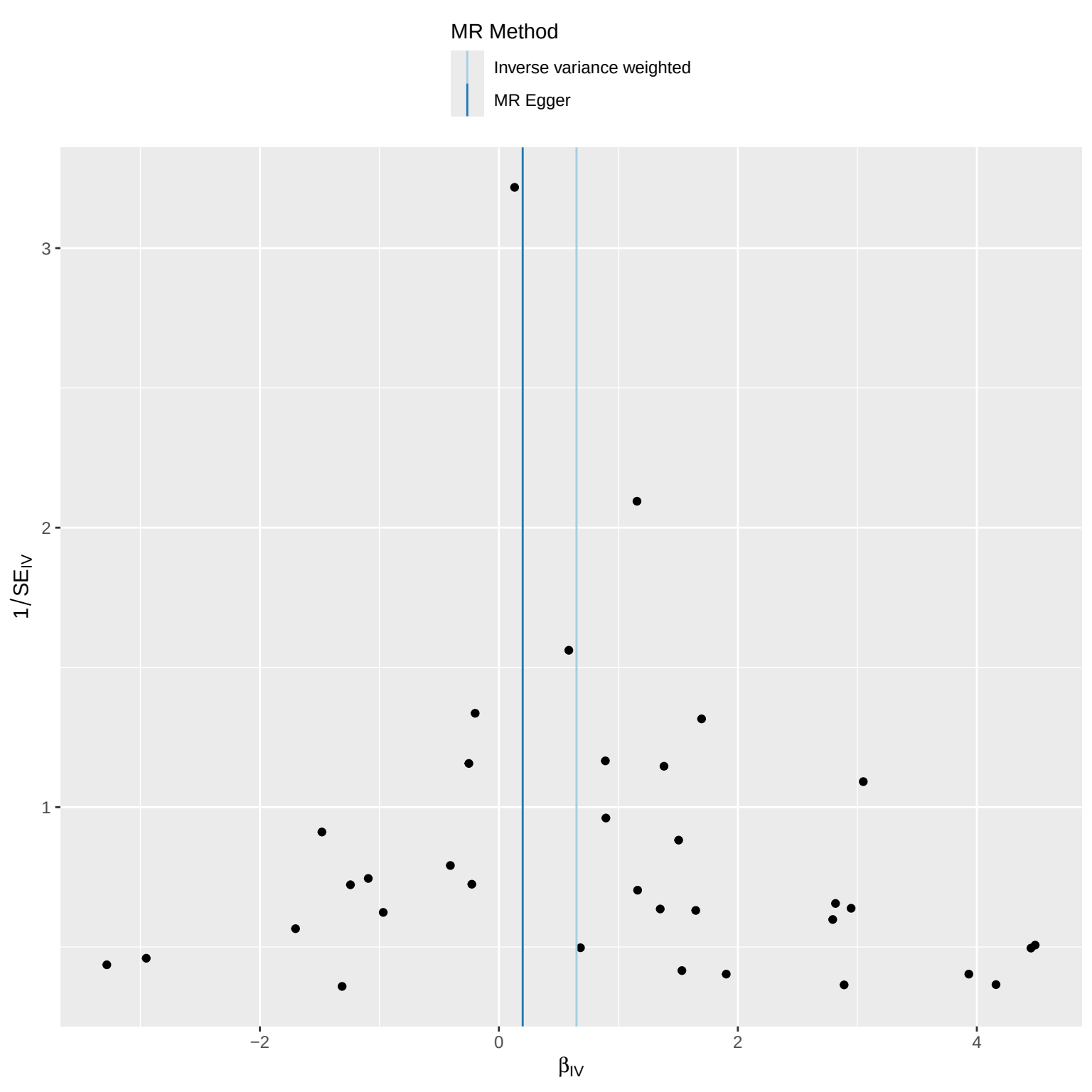

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

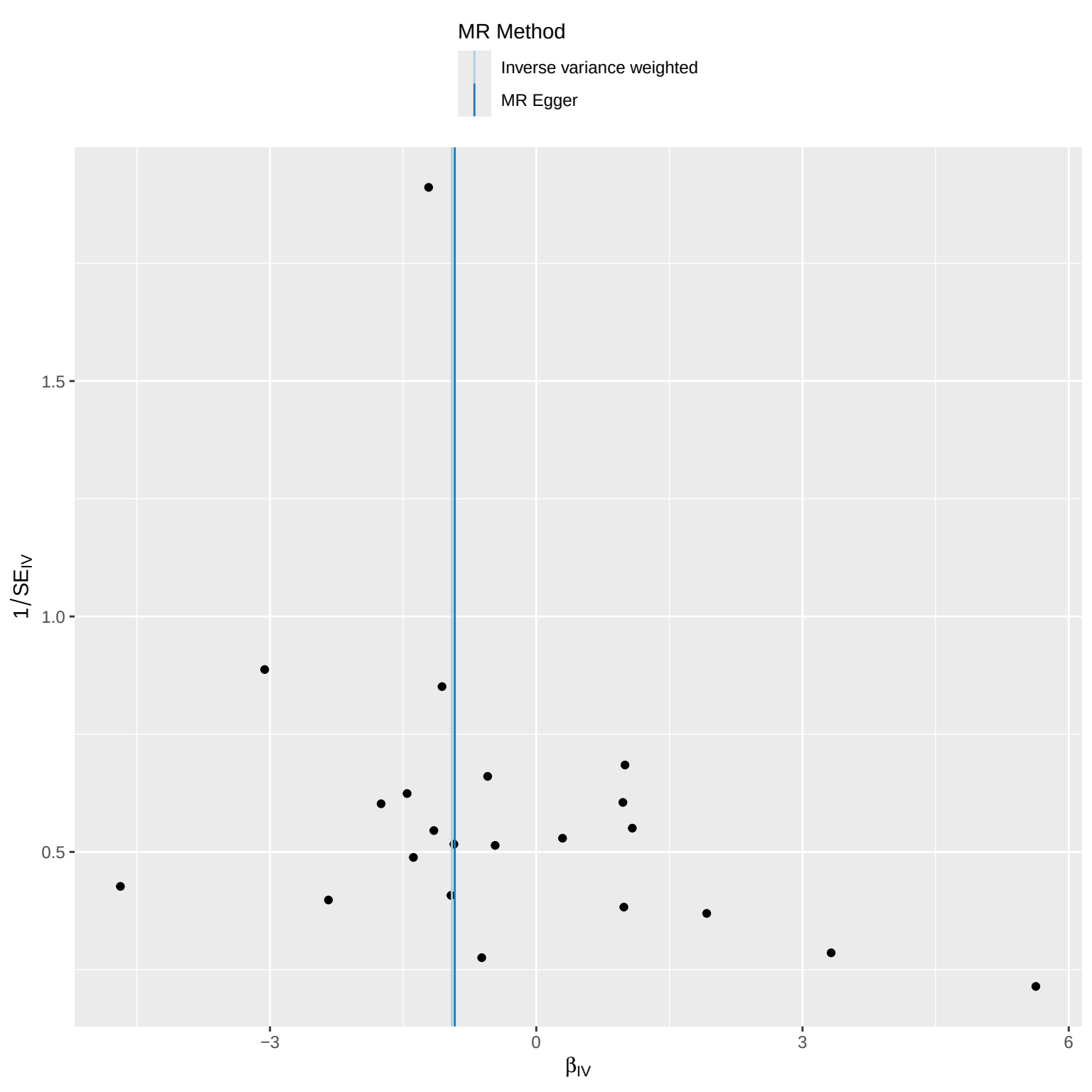

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

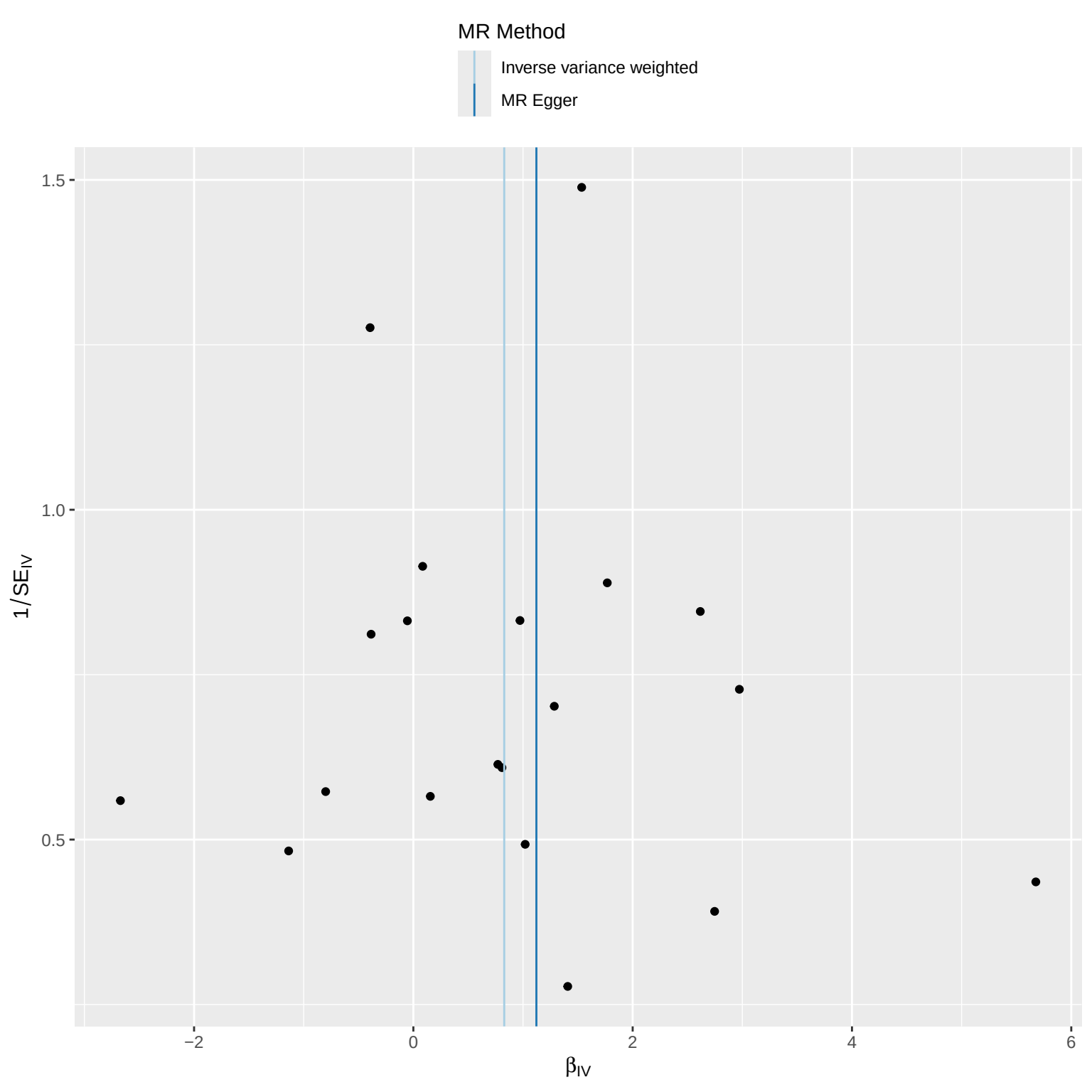

MR Method
Inverse variance weighted
MR Egger
0.55
0.54
0.53
0.52
0.51
1/SE_IV
0
2
4
β_IV

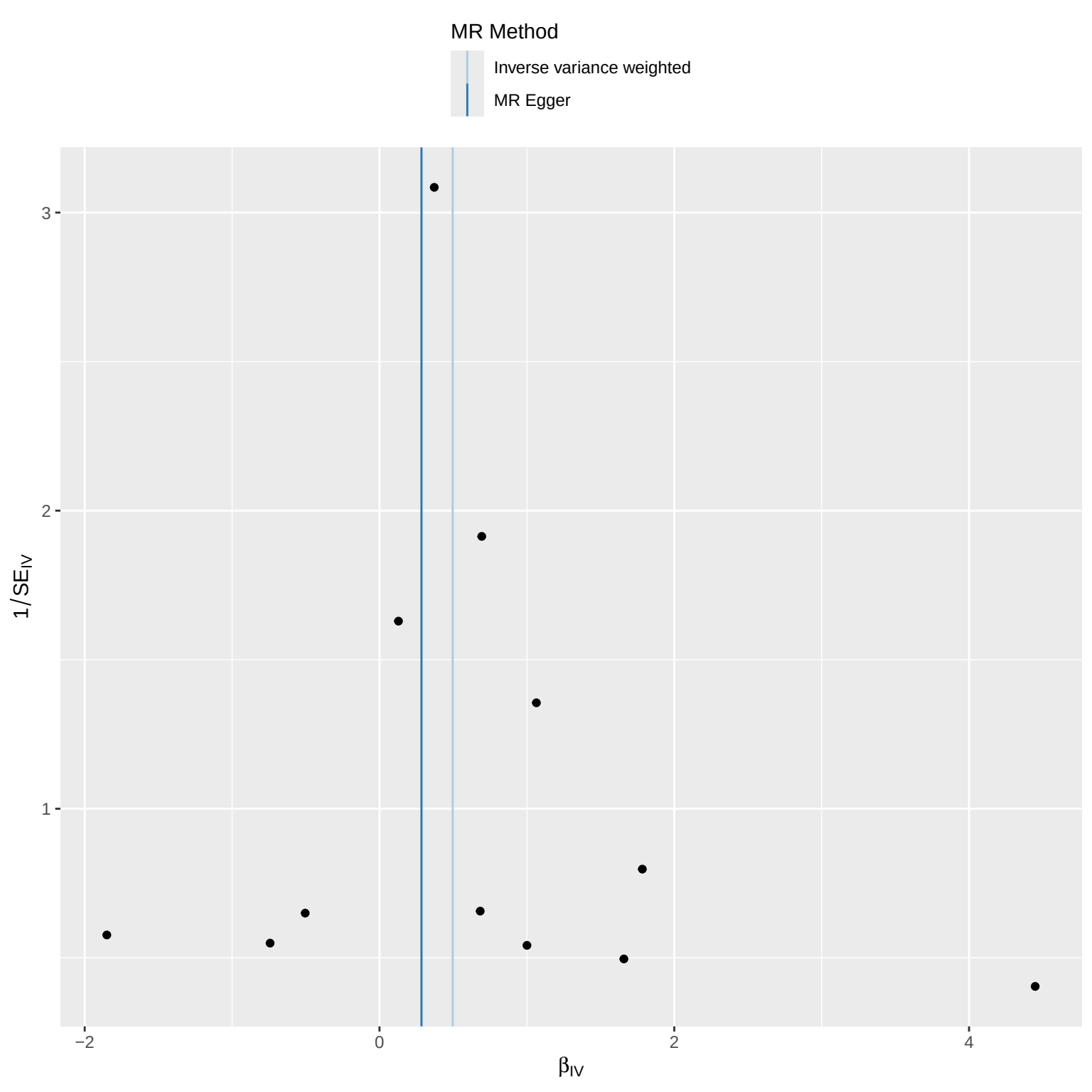

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

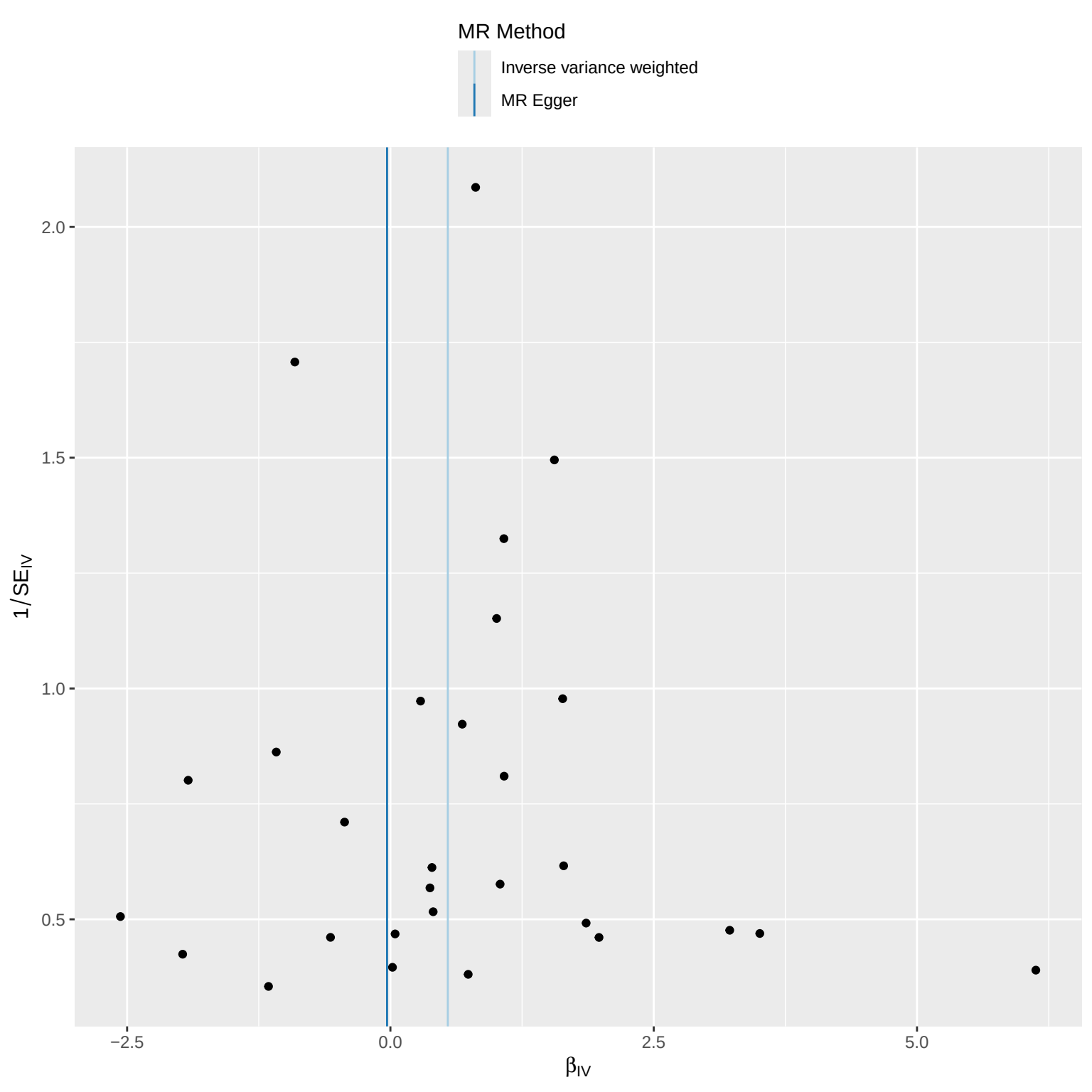

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

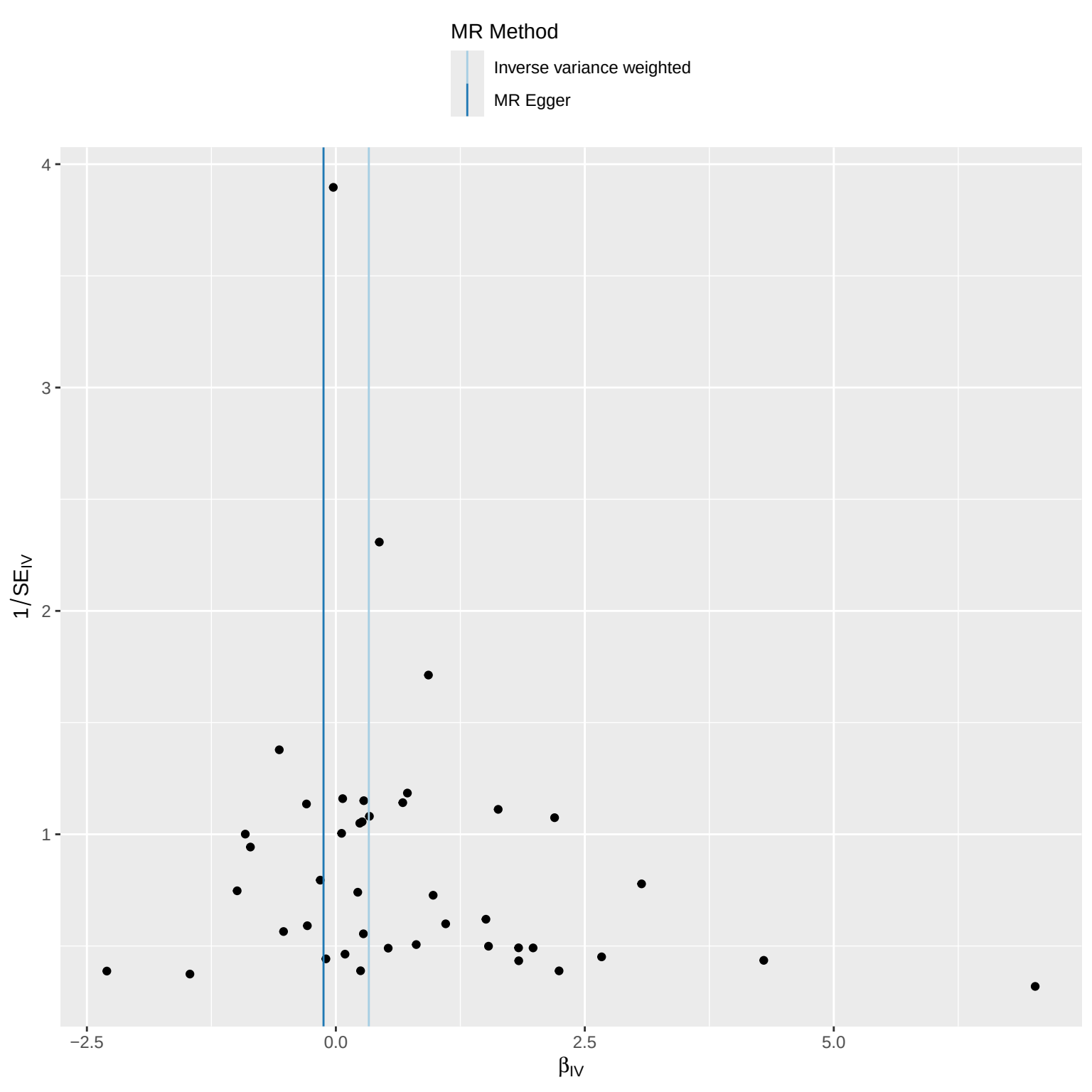

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

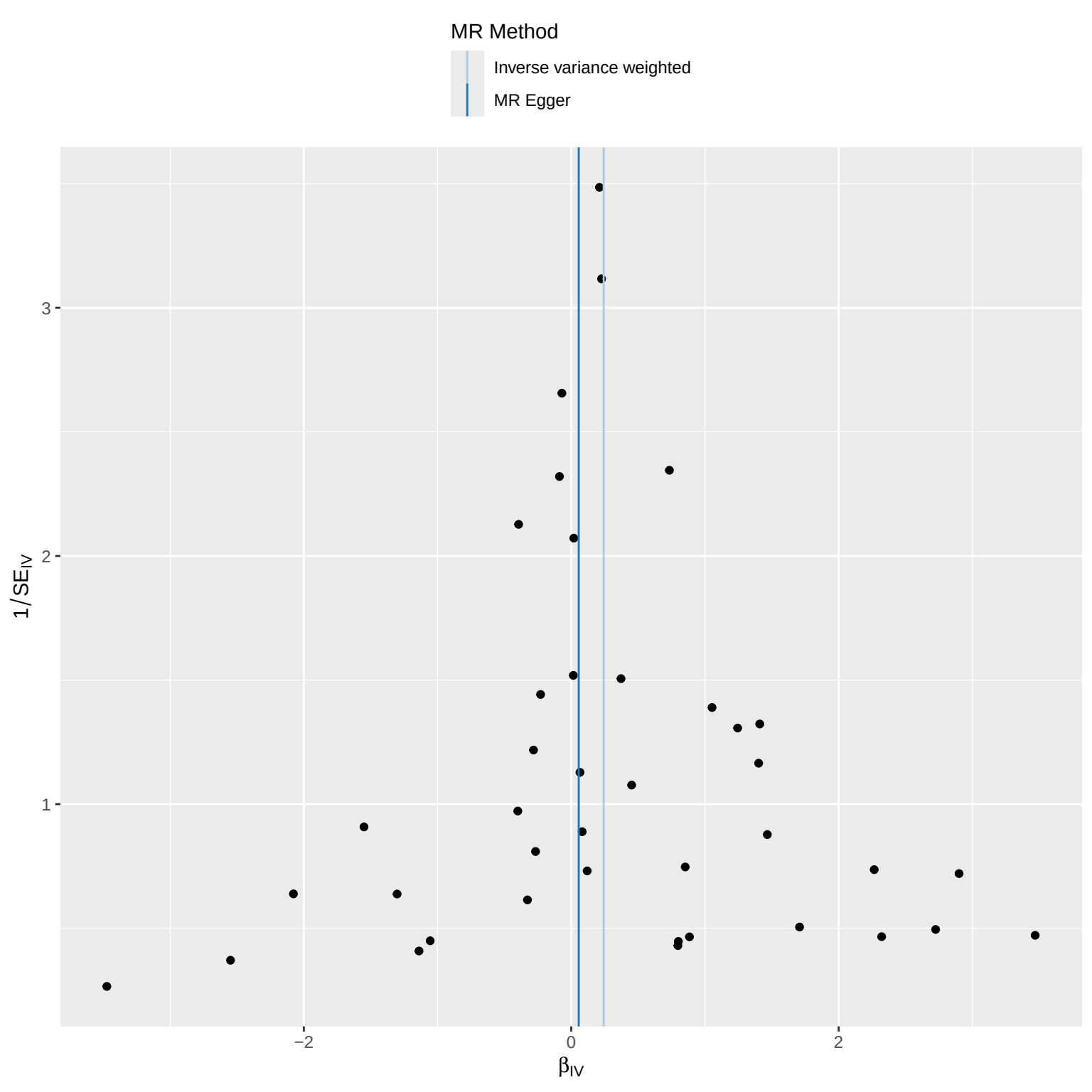

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
0
3
6
β_IV

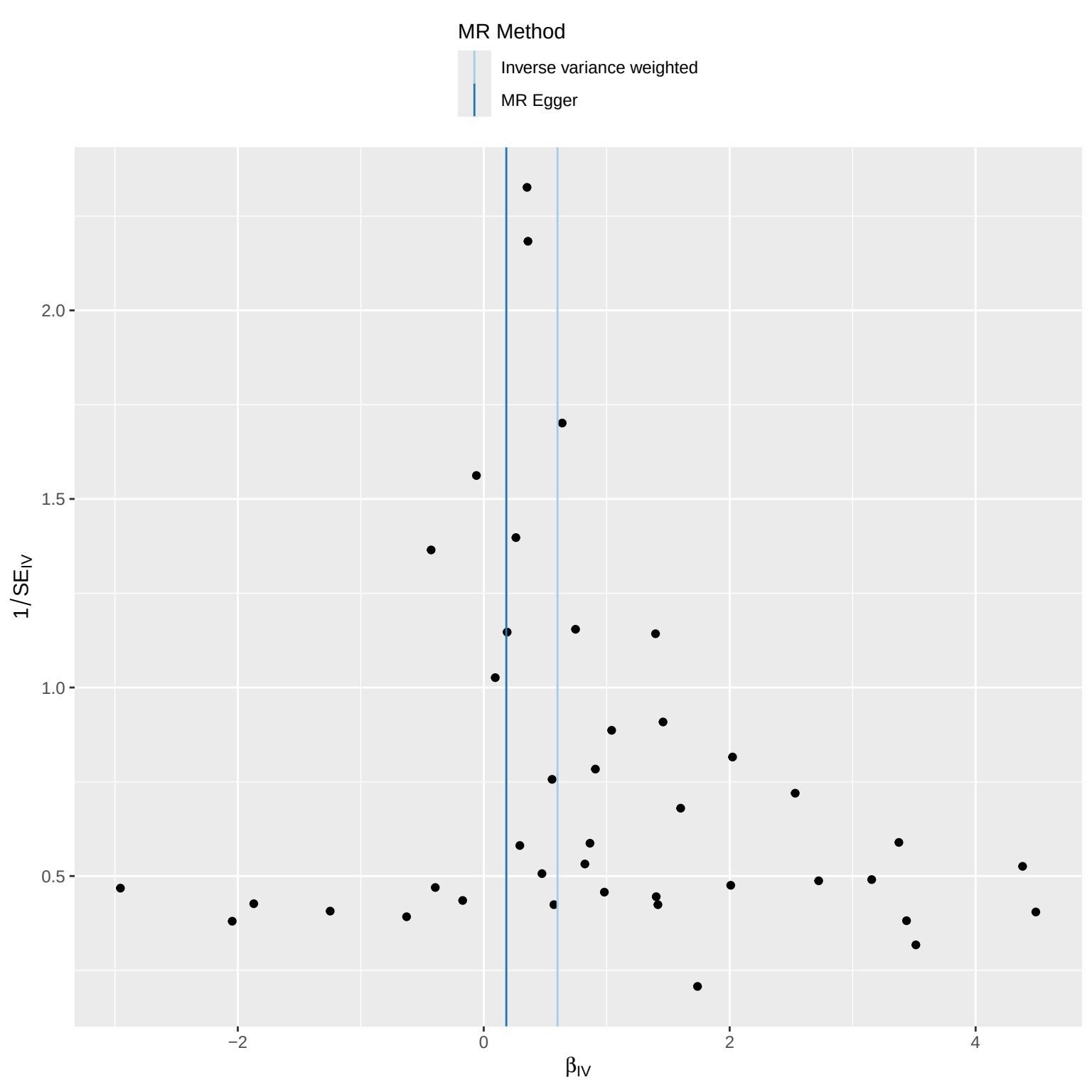

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
6
β_IV

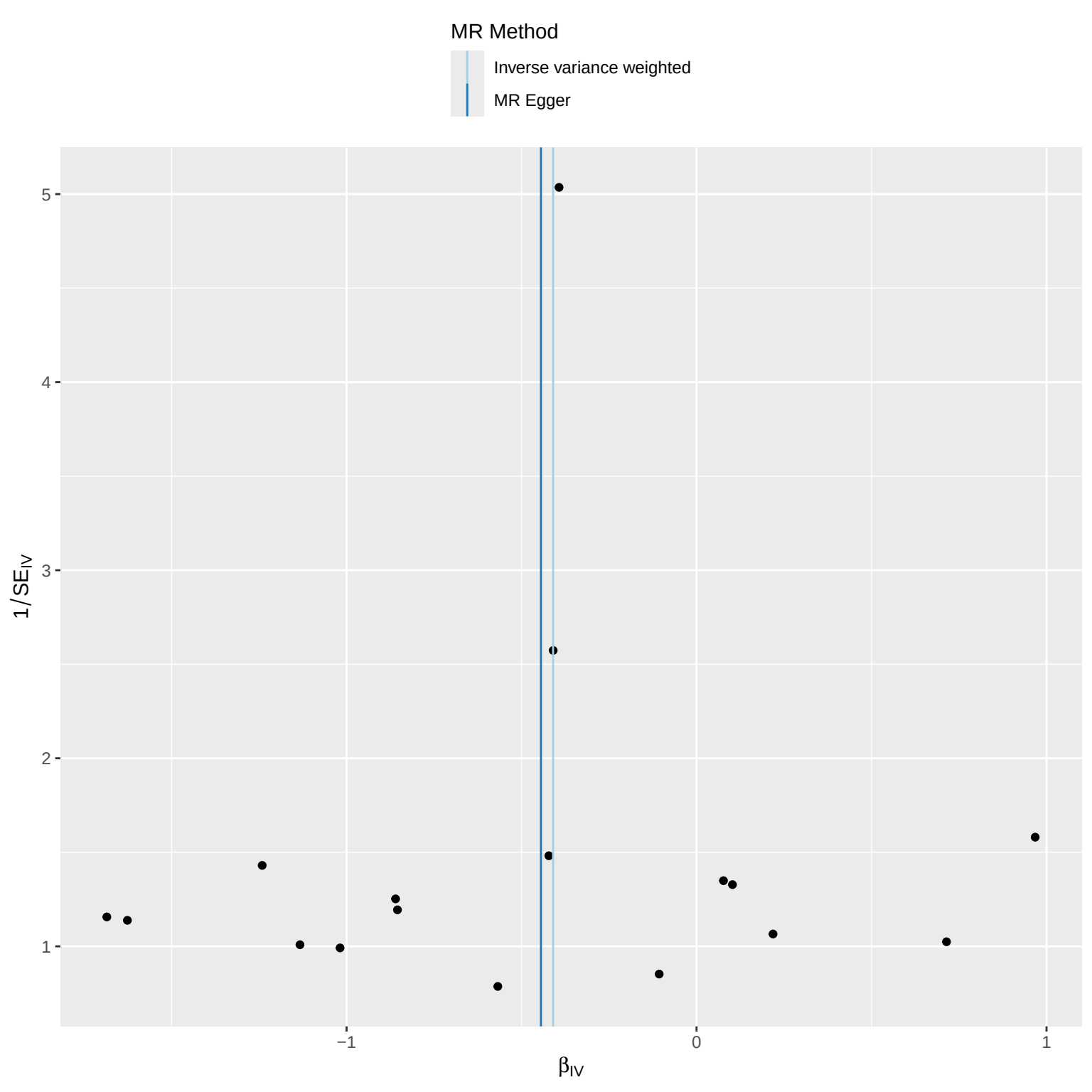

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

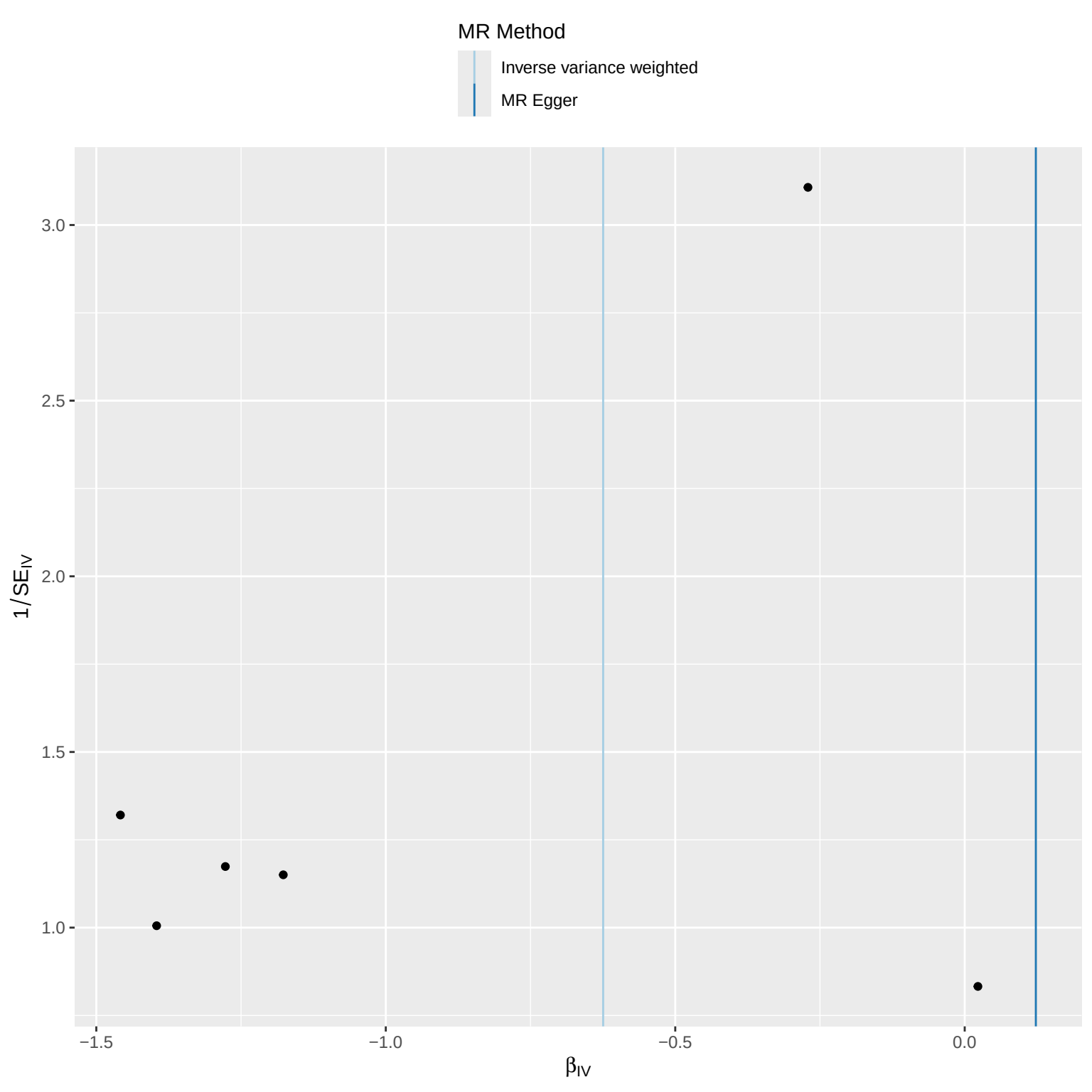

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

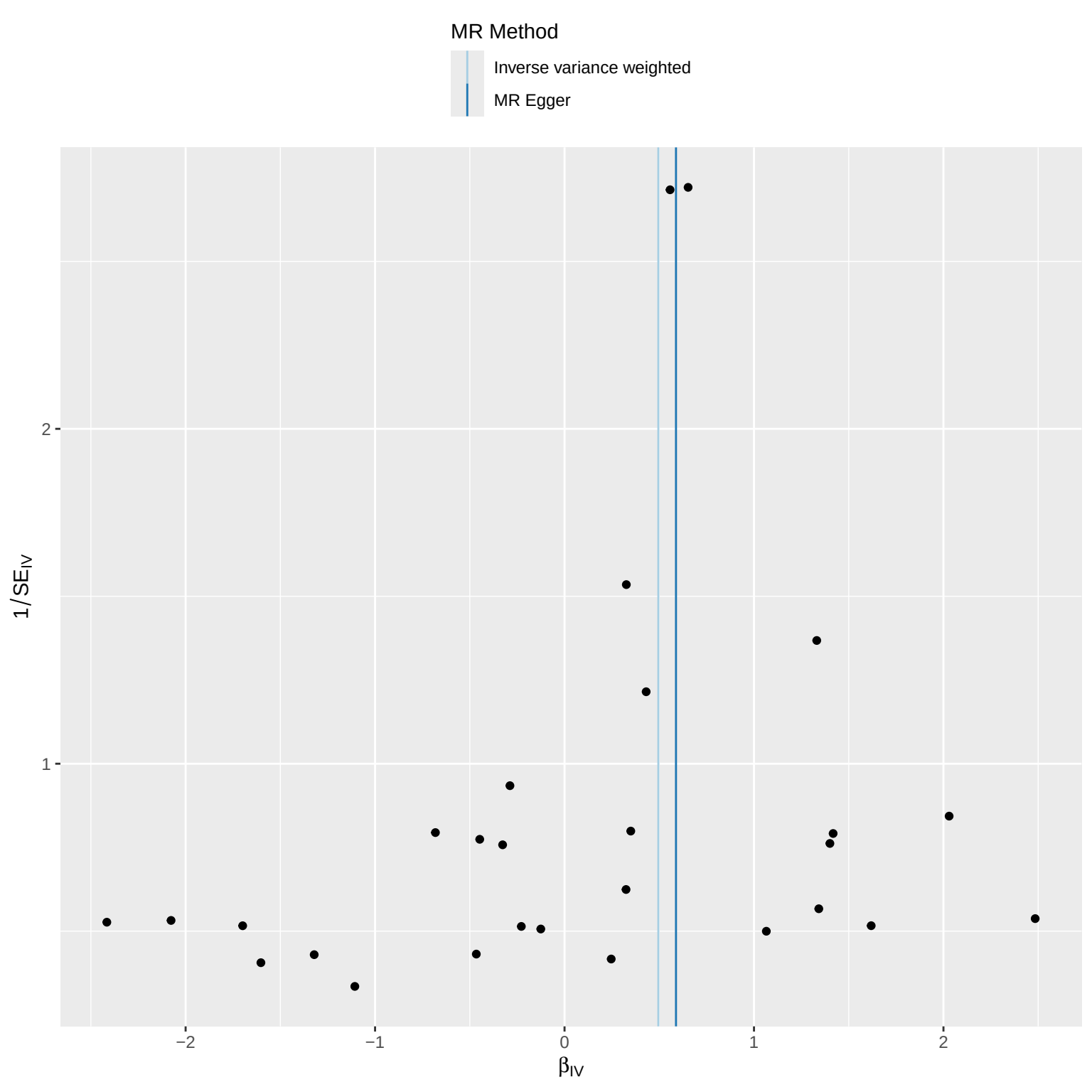

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

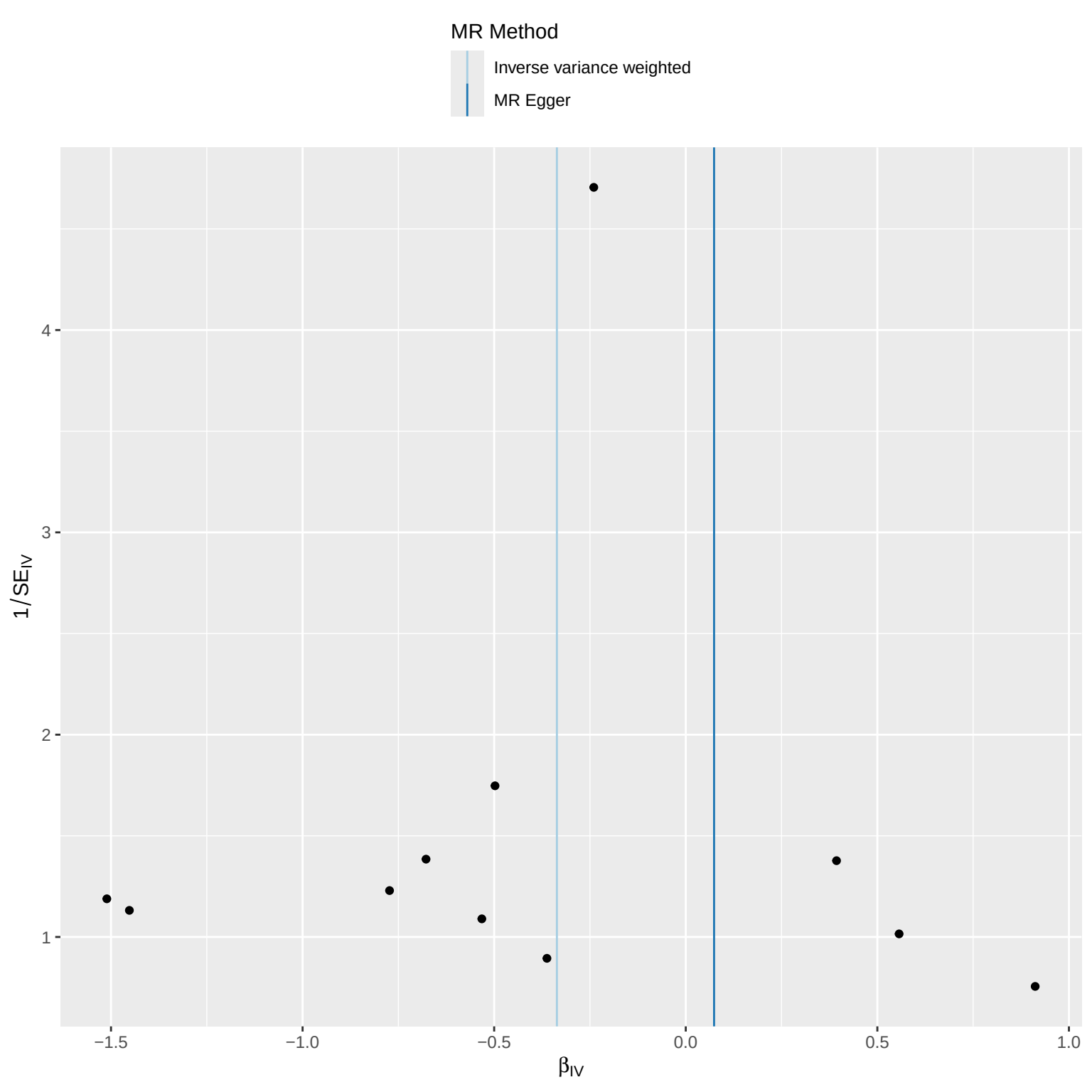

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

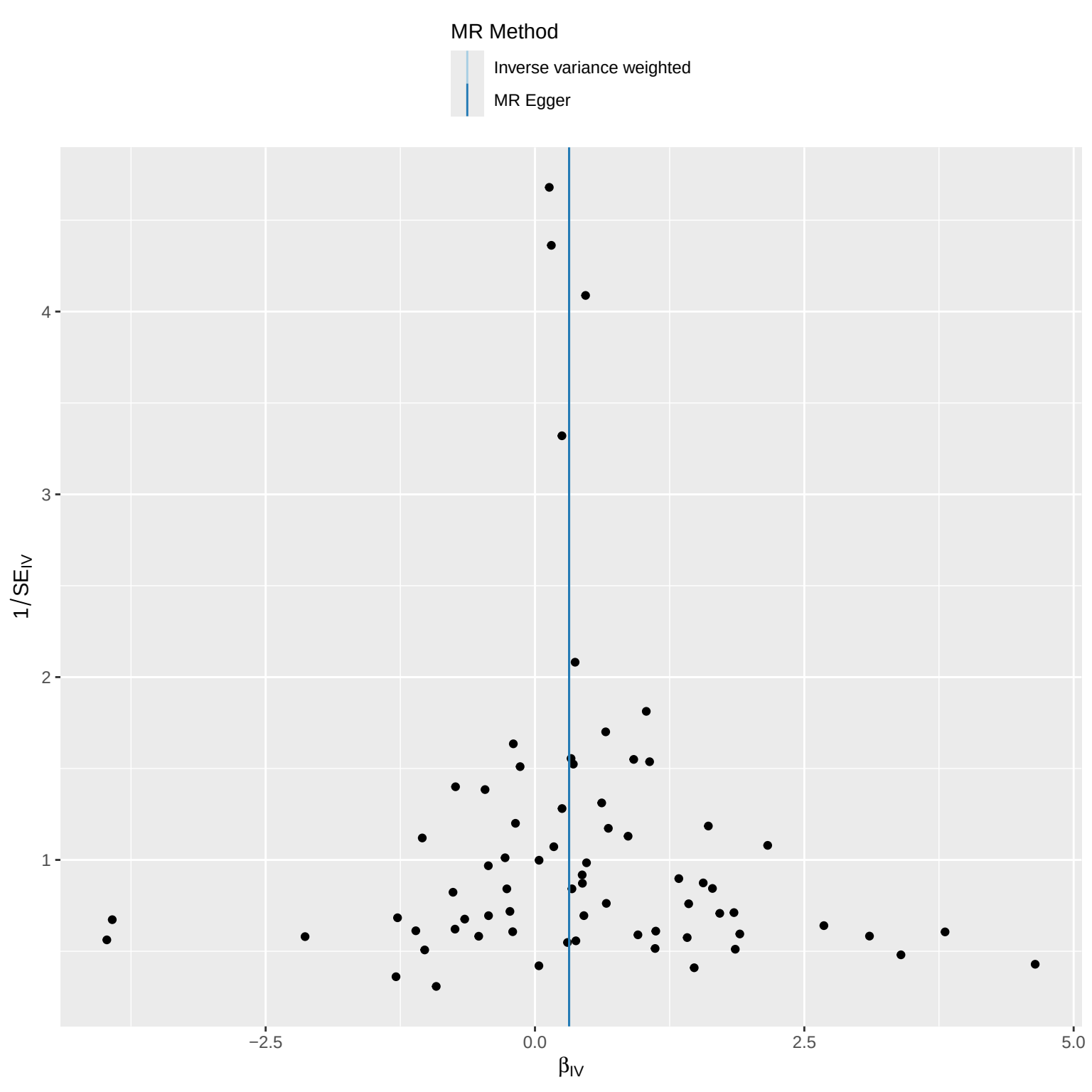

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

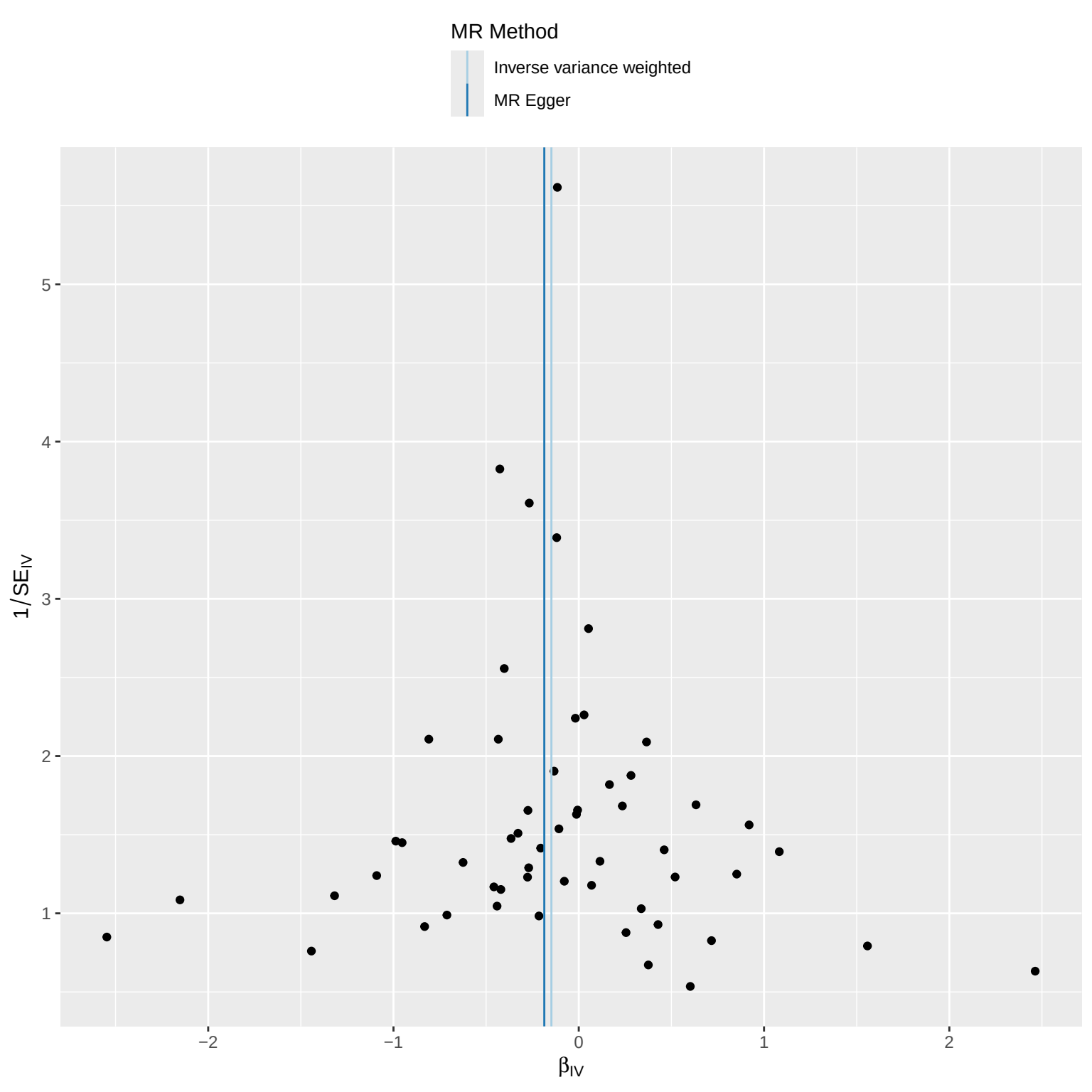

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

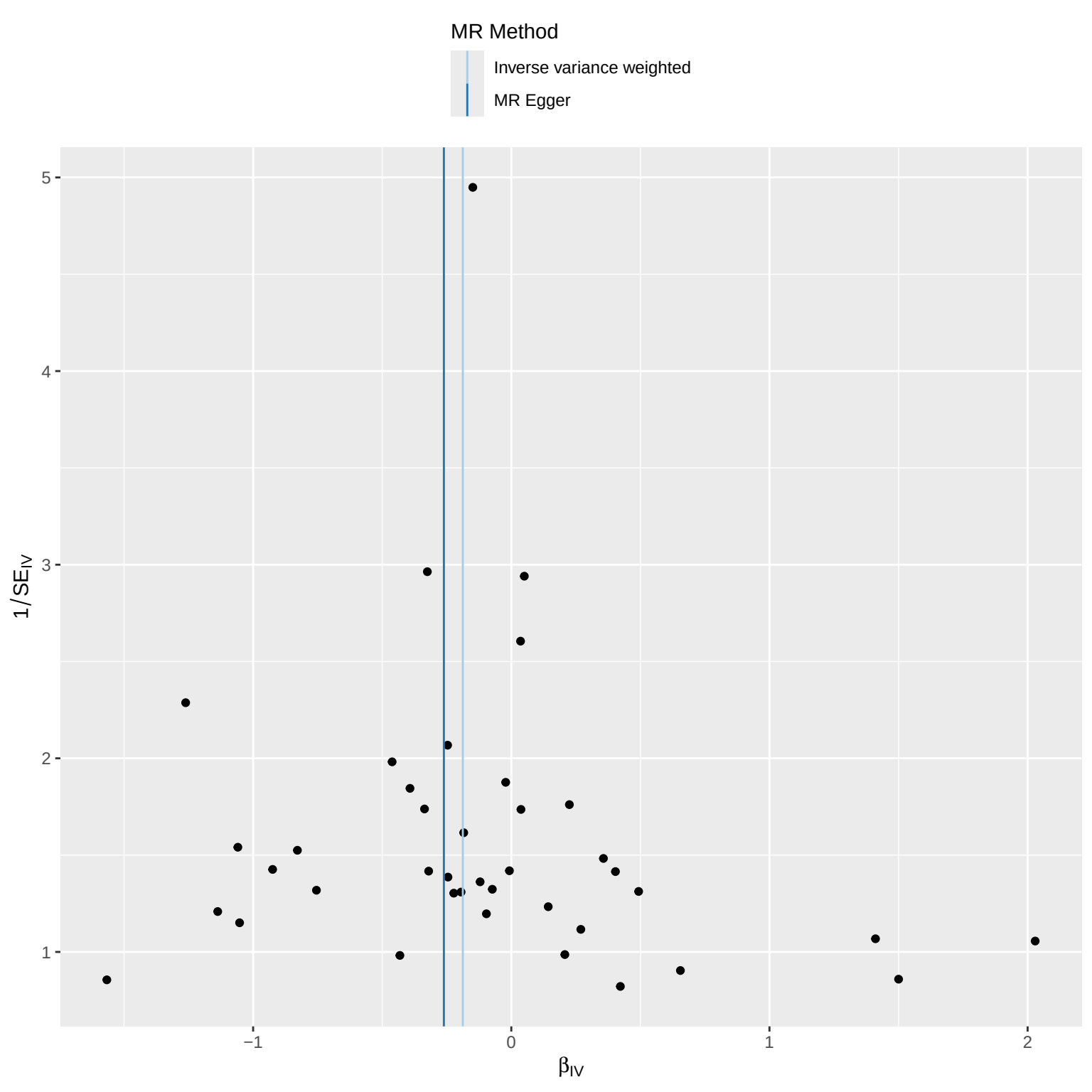

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

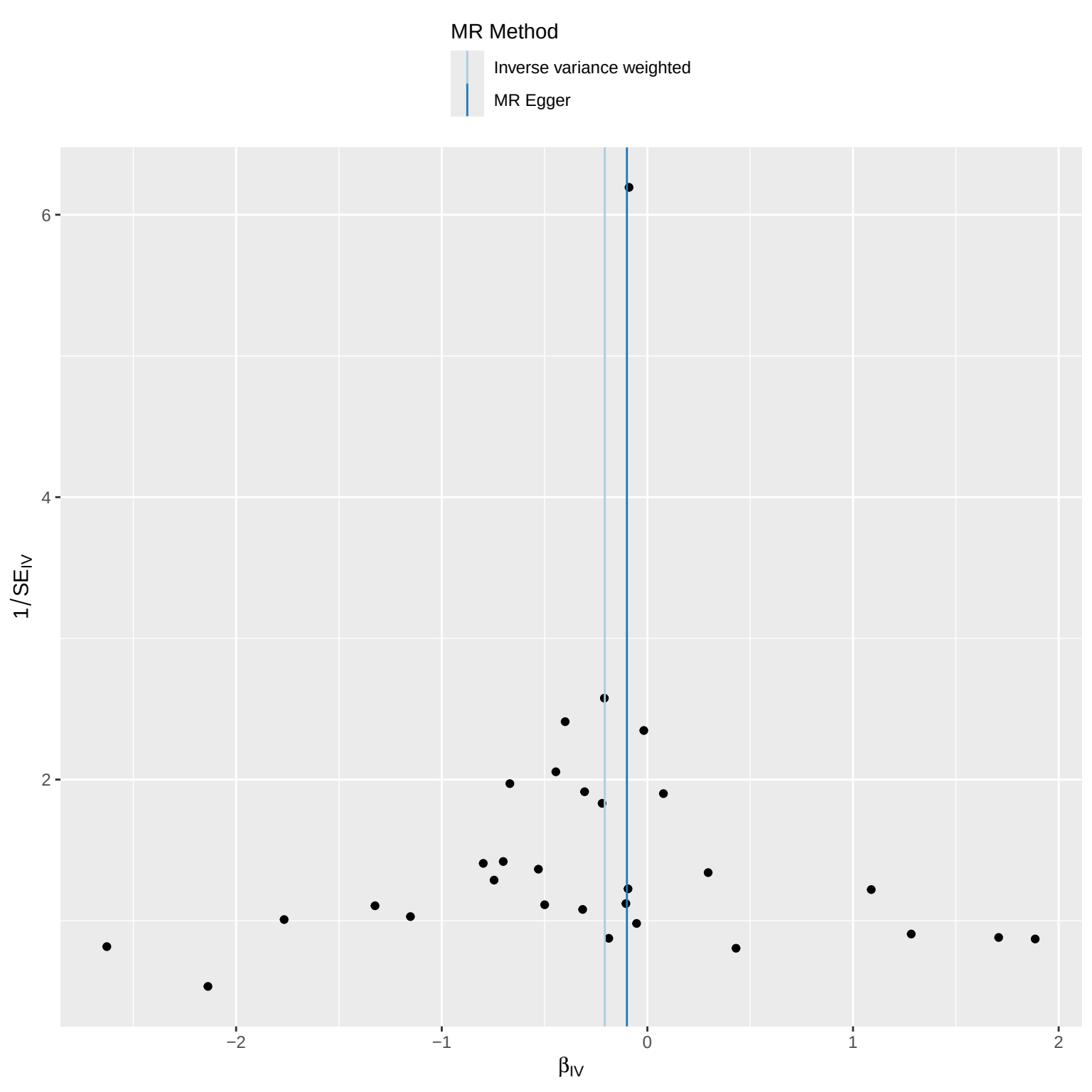

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

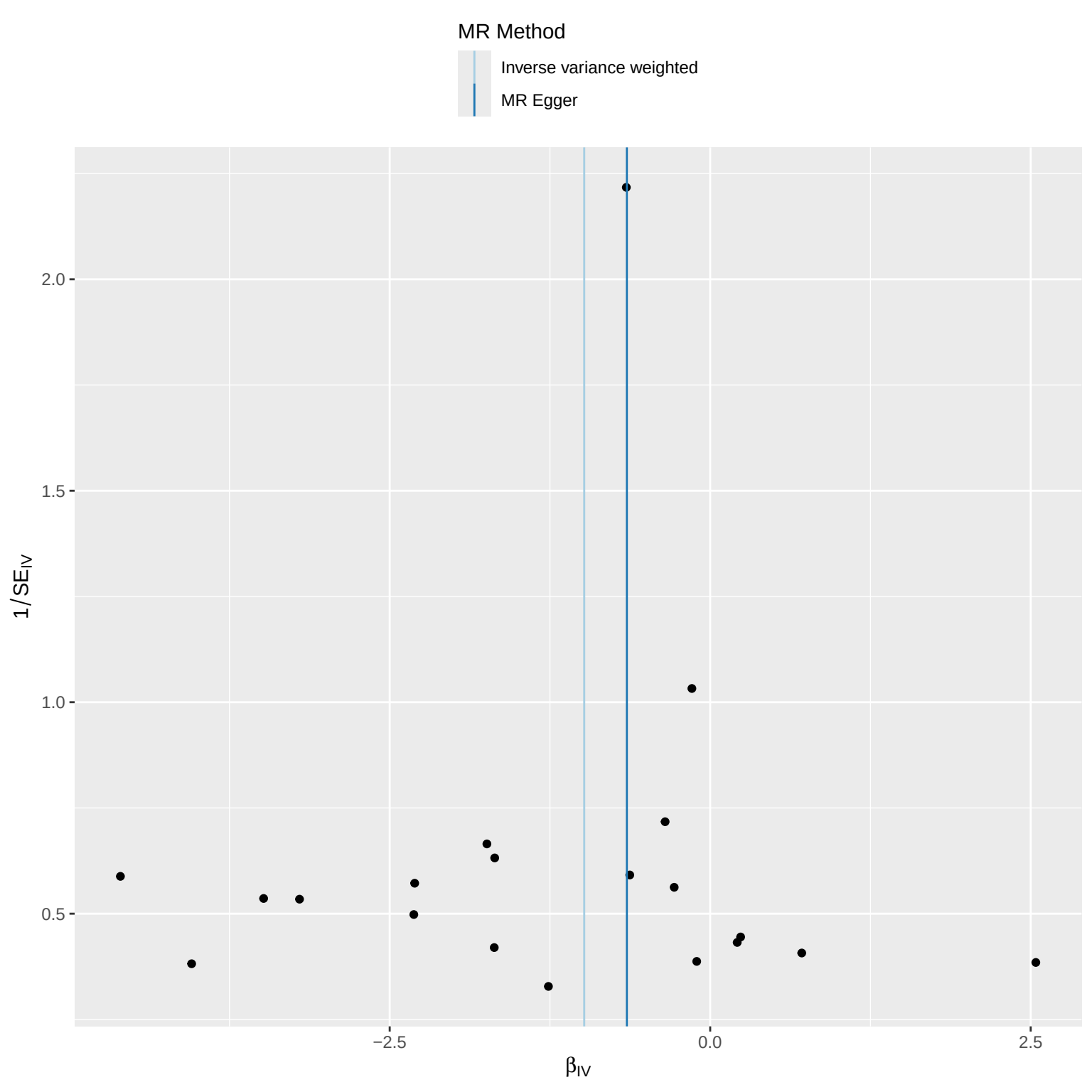

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

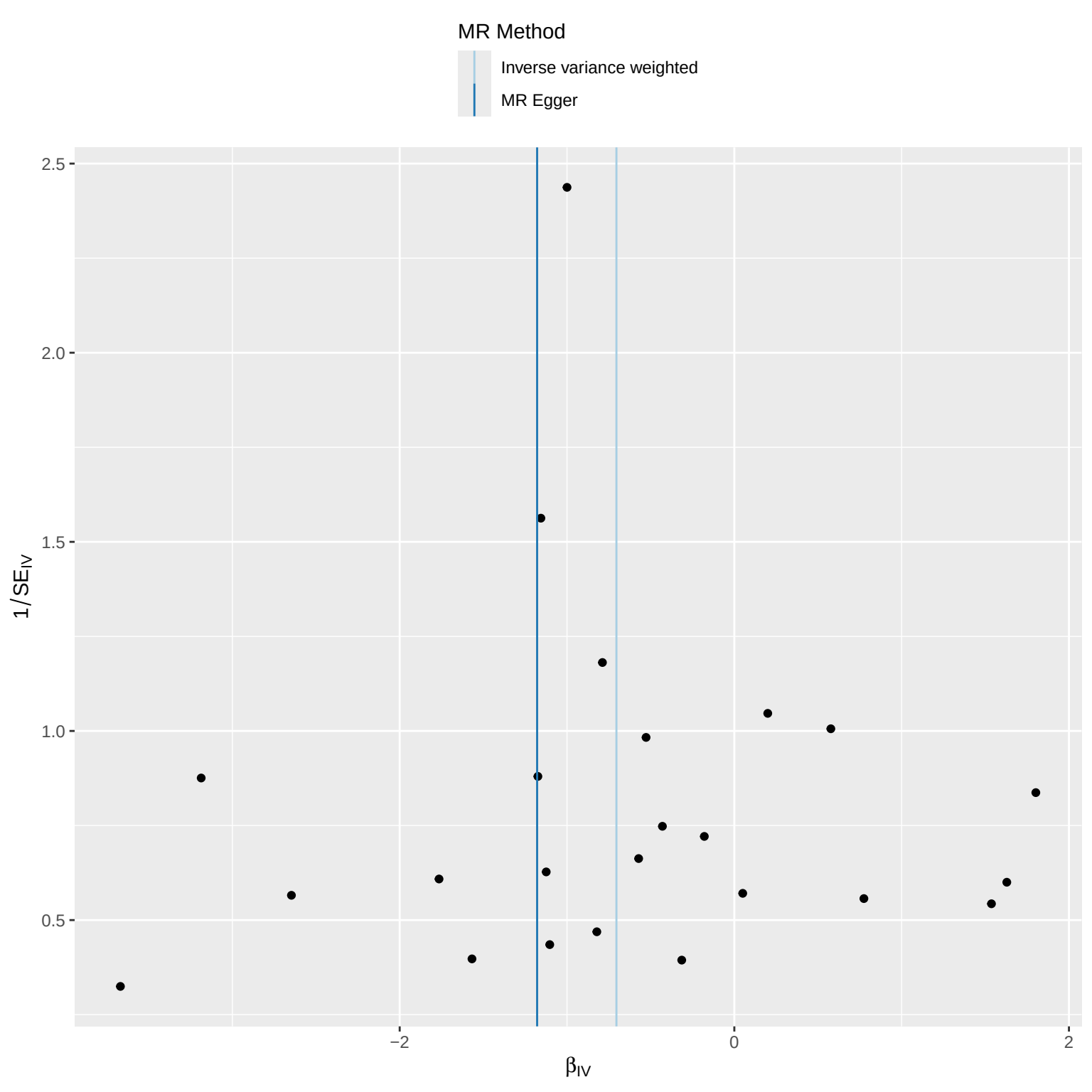

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

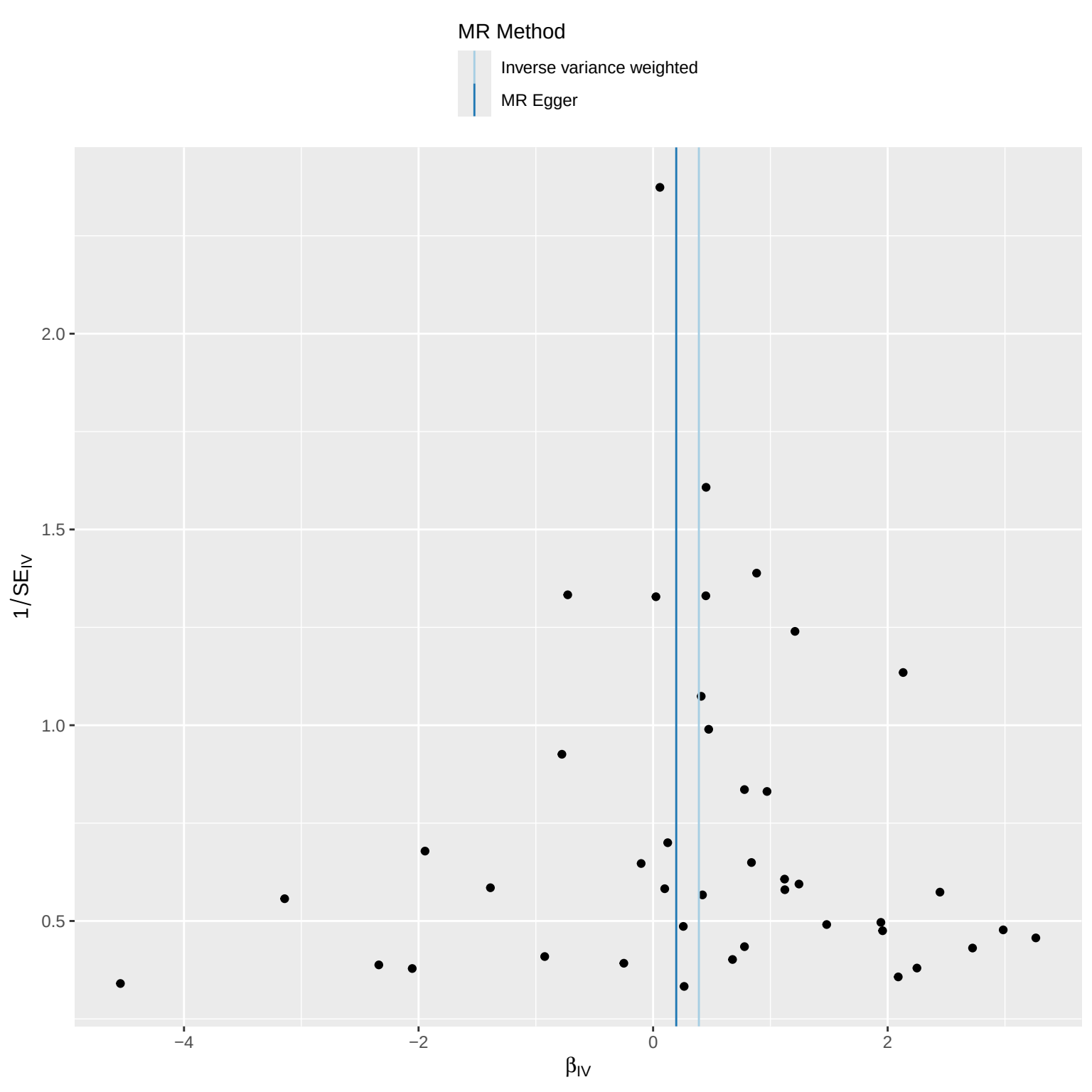

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

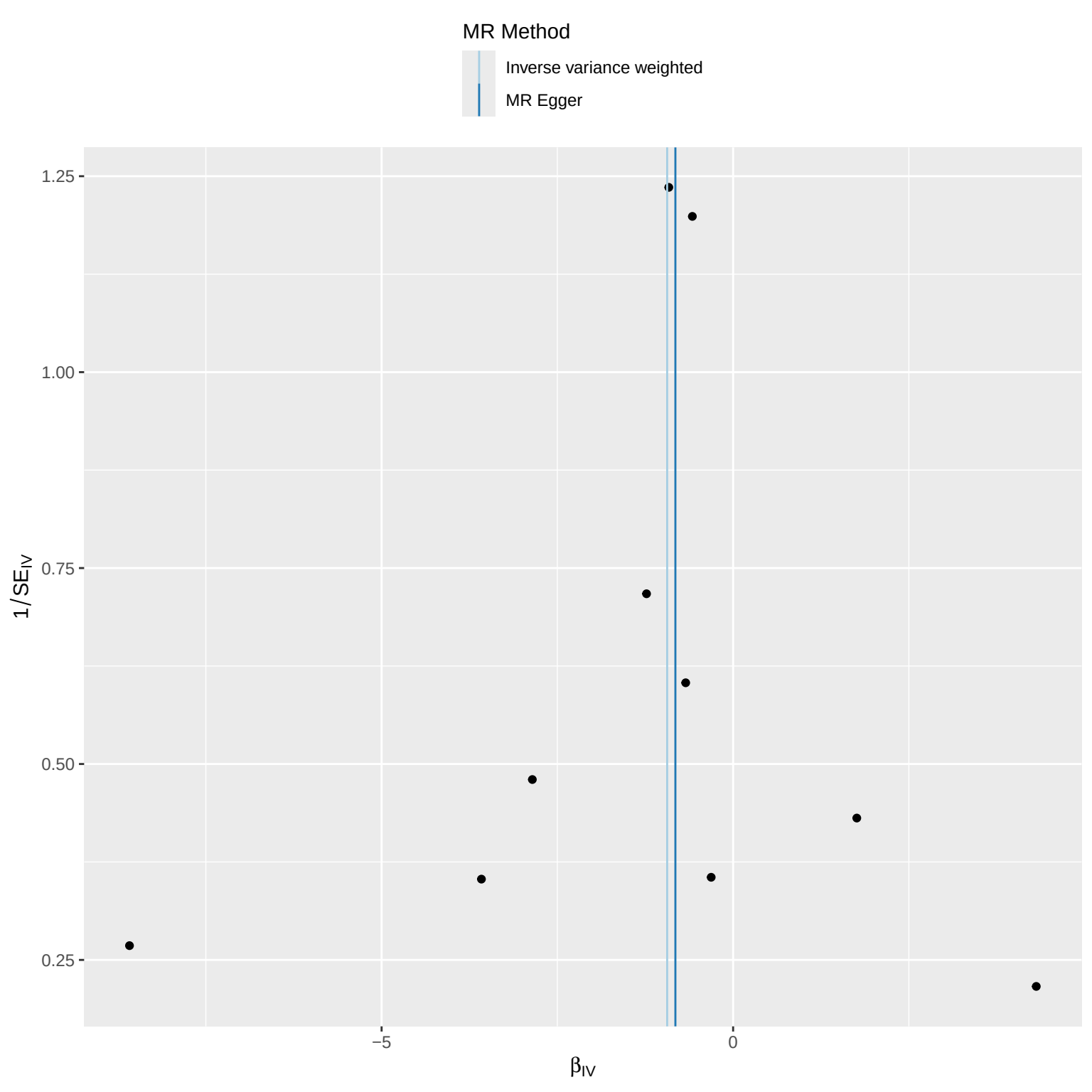

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

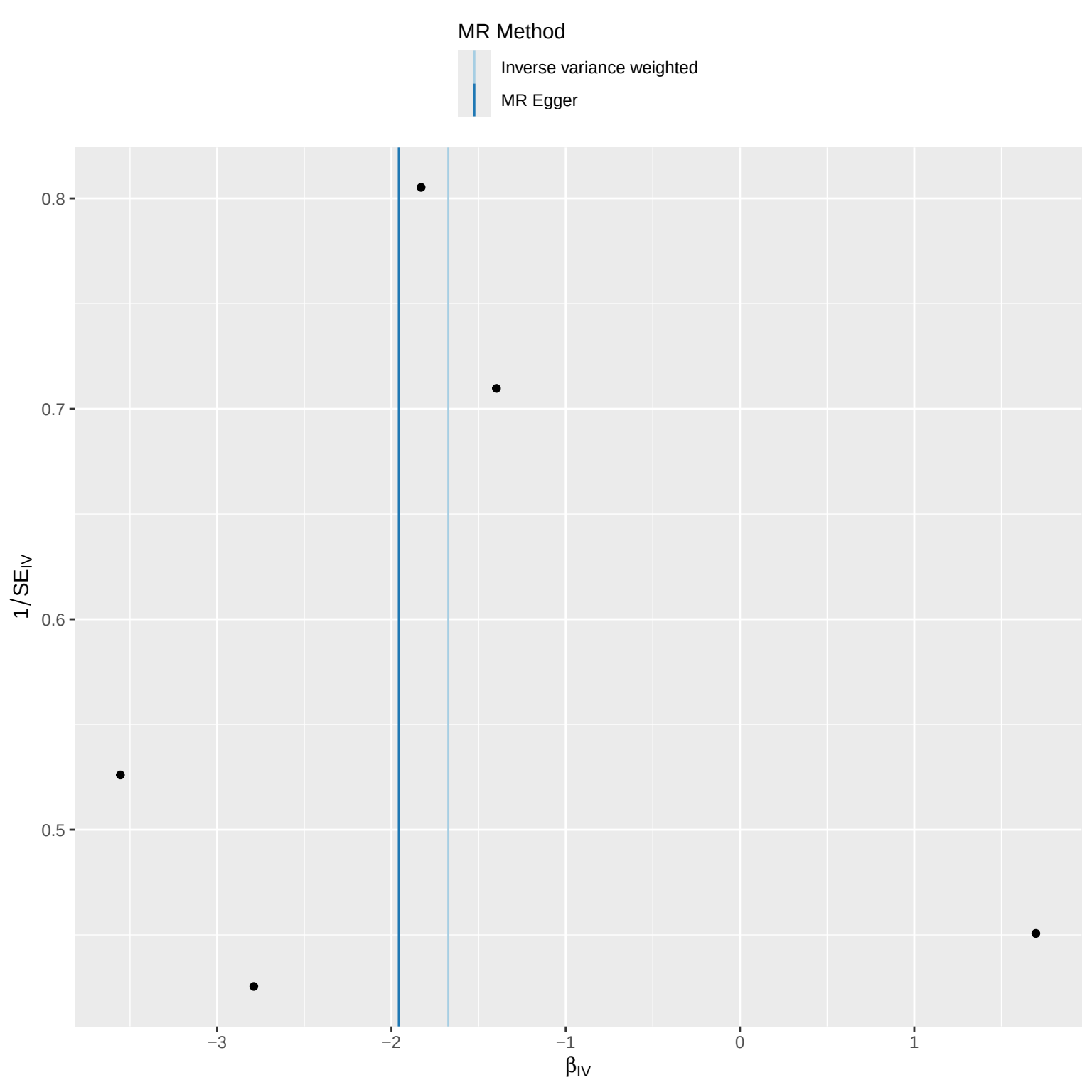

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

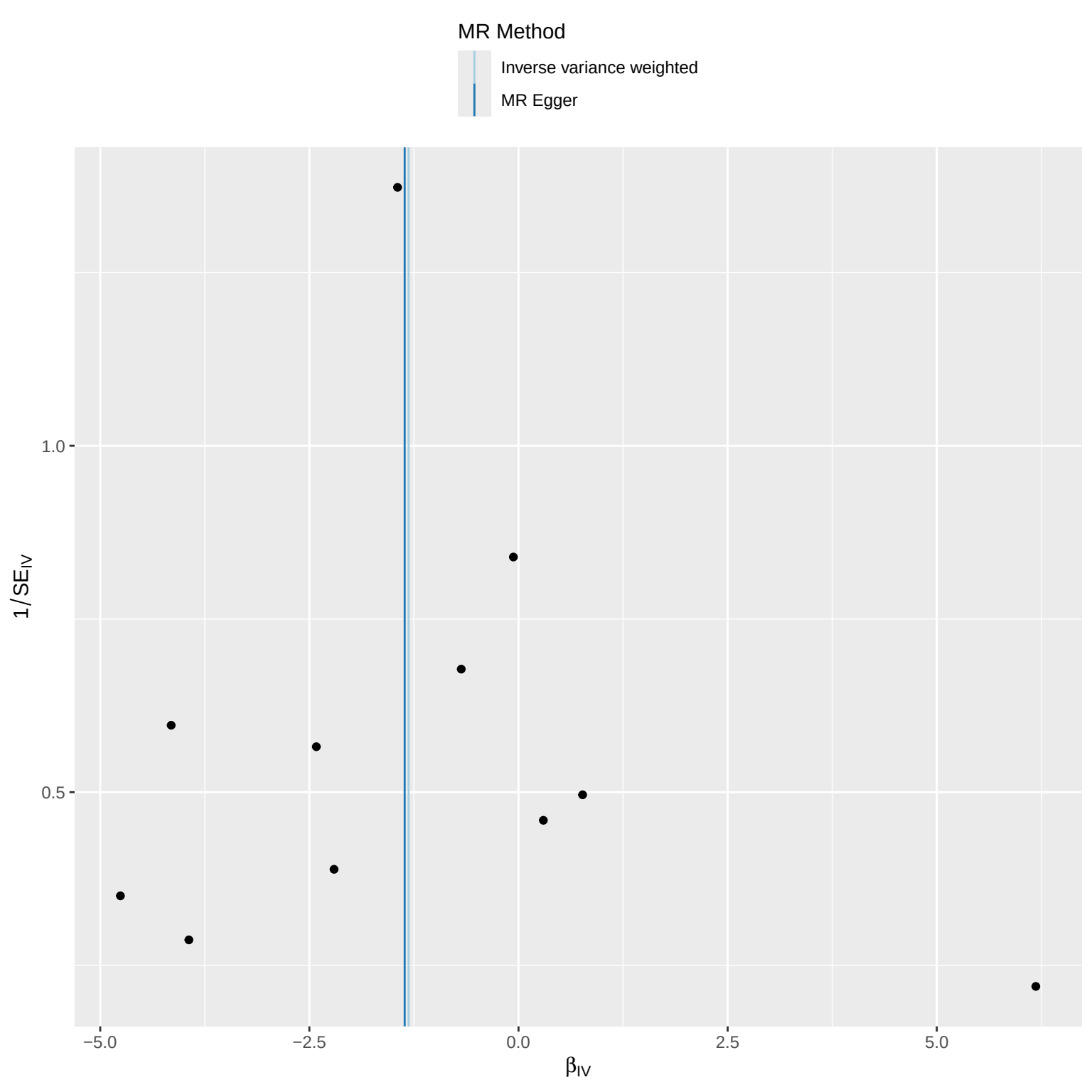

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

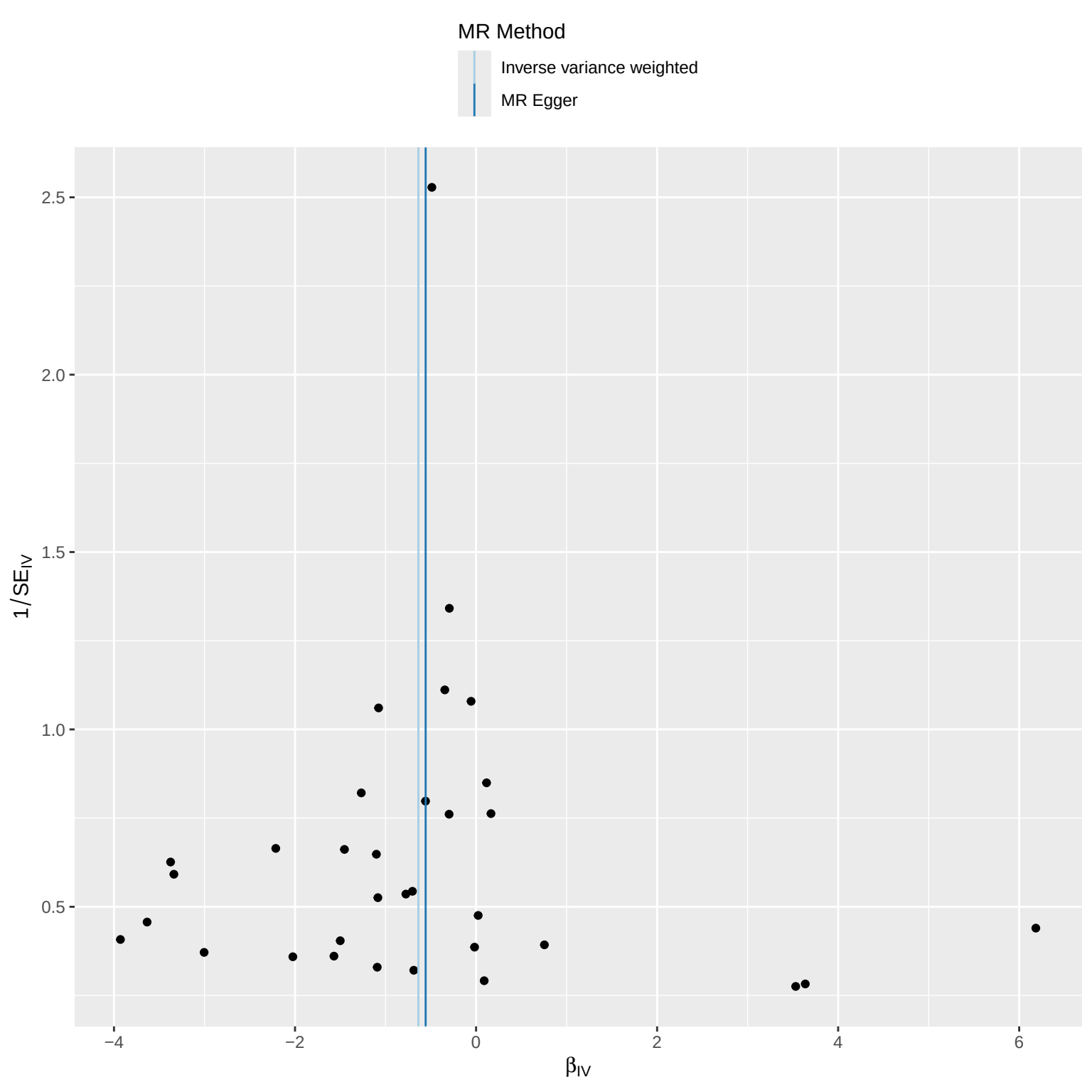

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

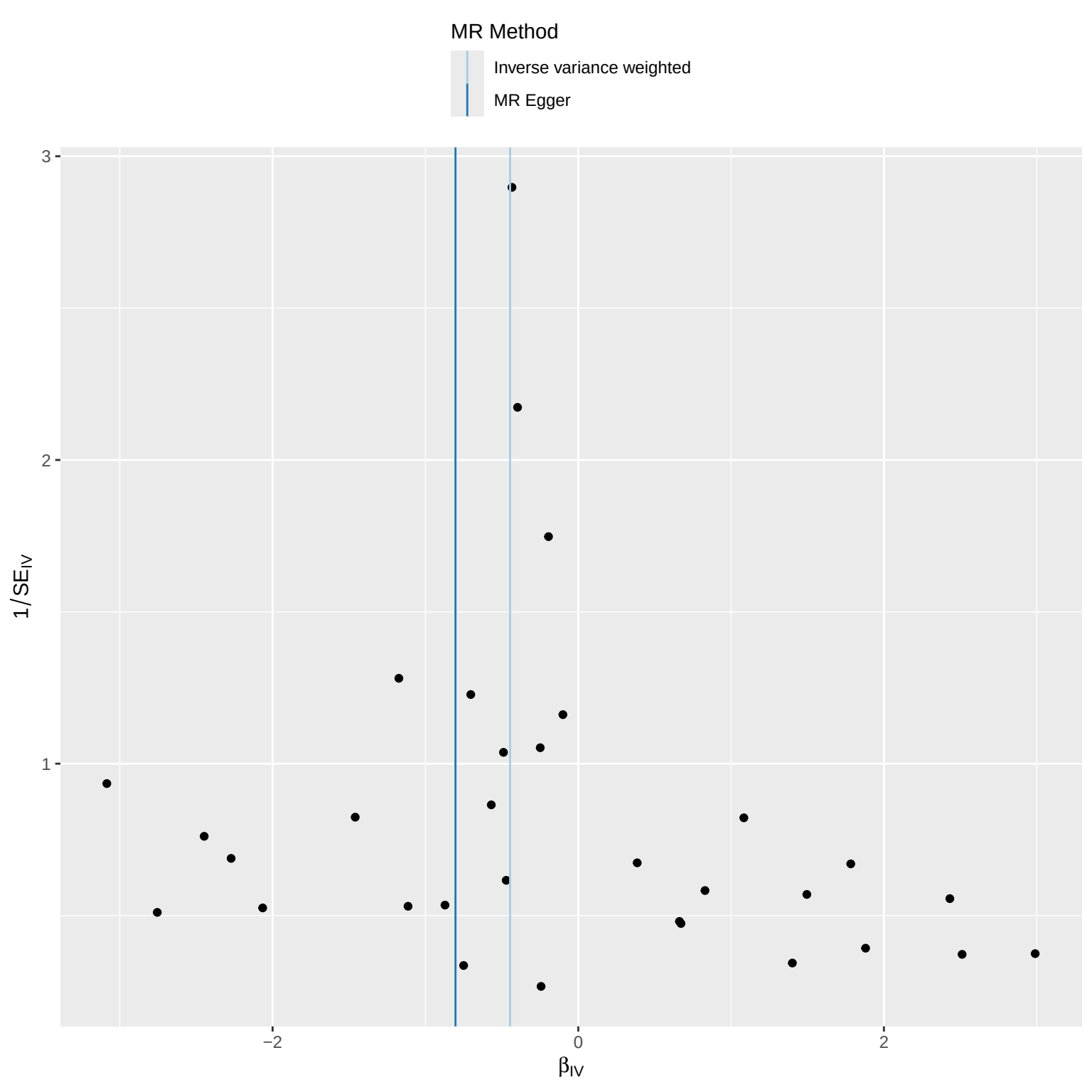

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

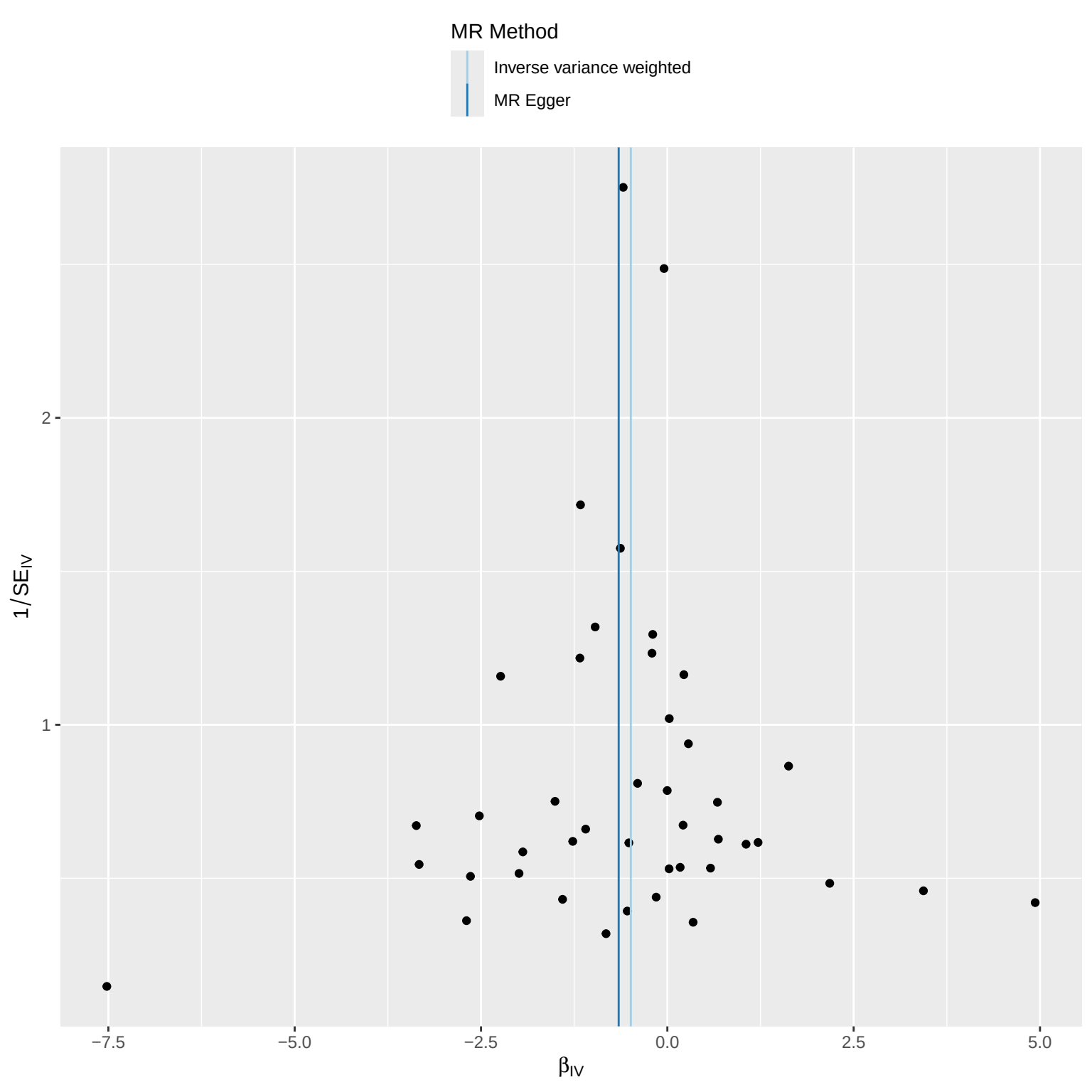

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−5
0
β_IV

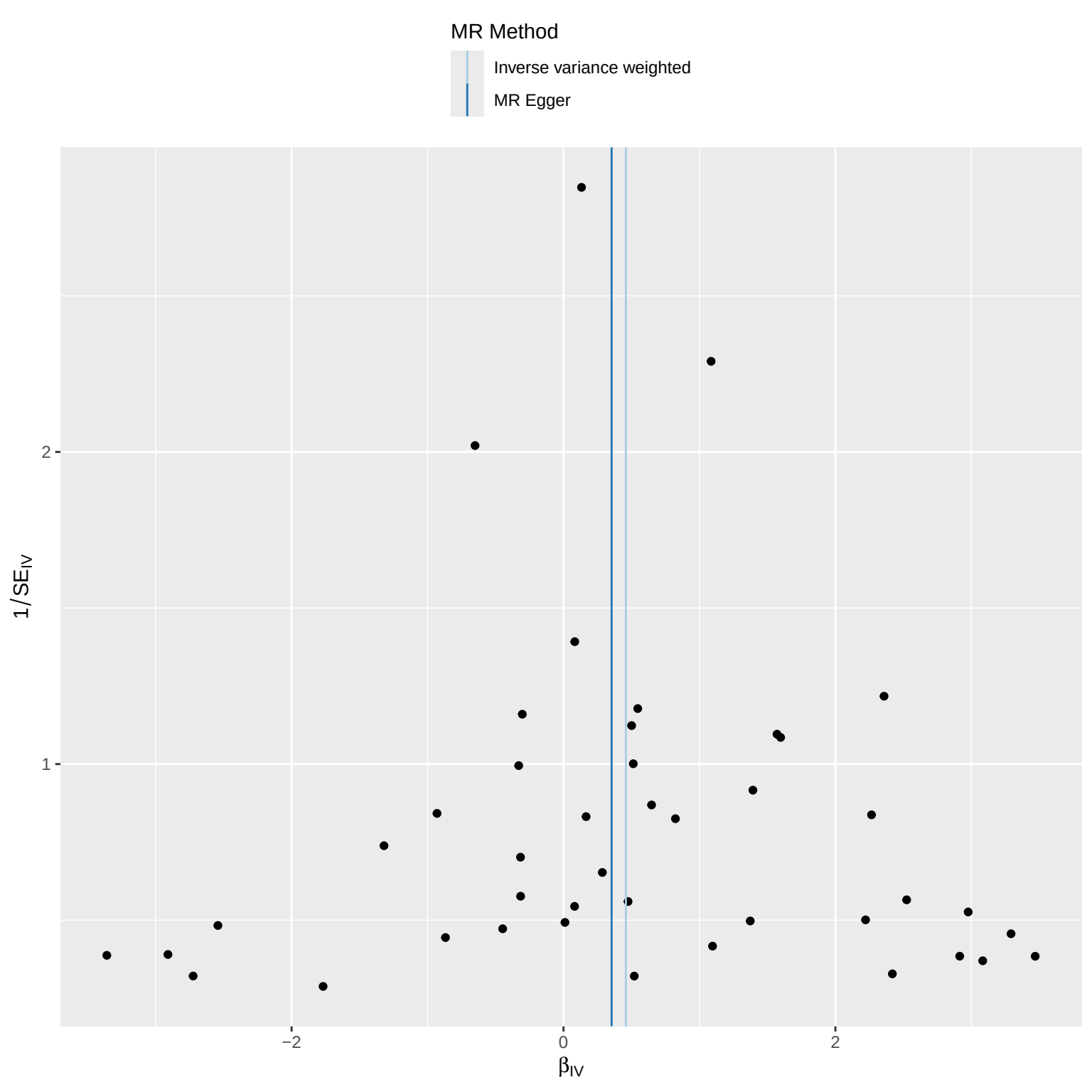

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

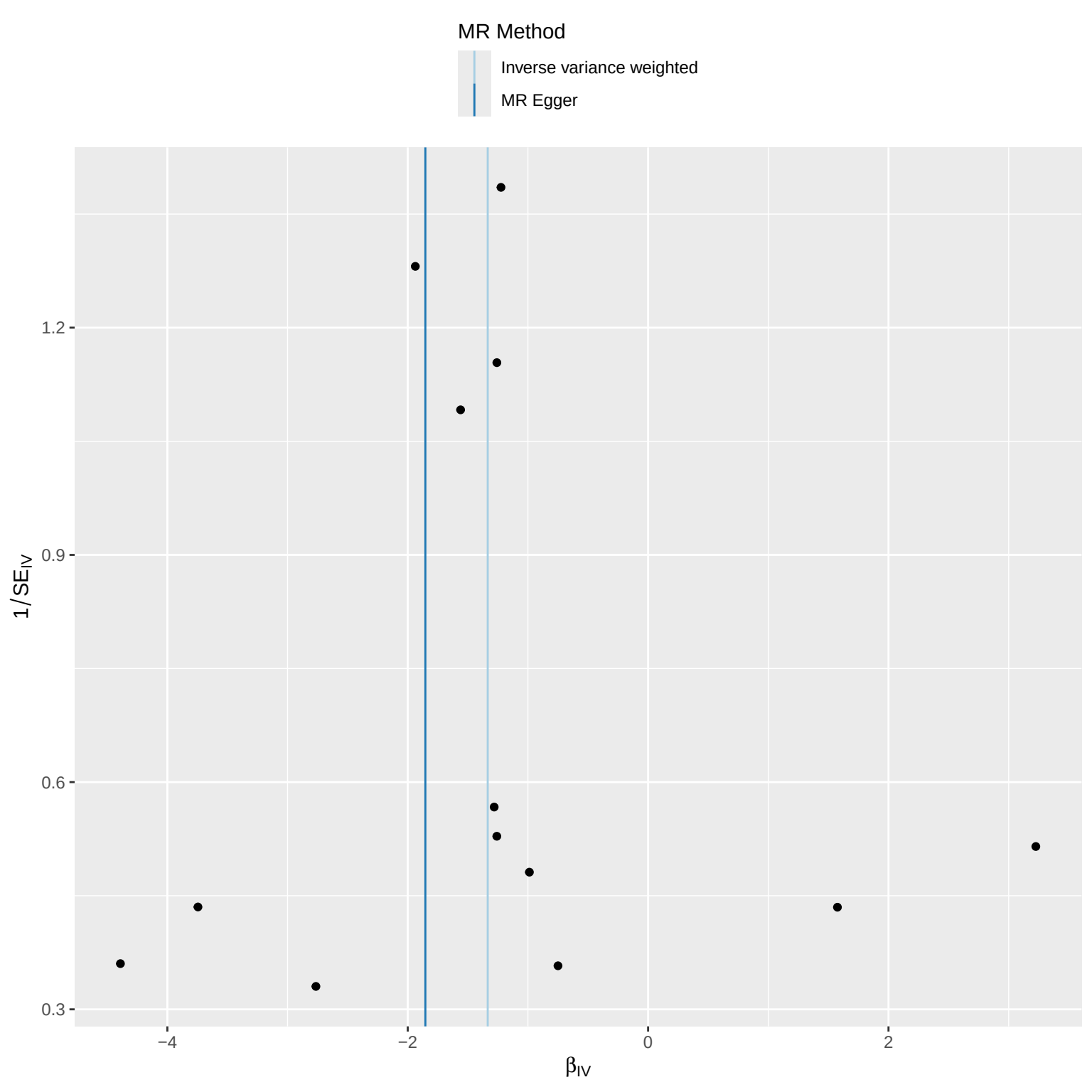

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

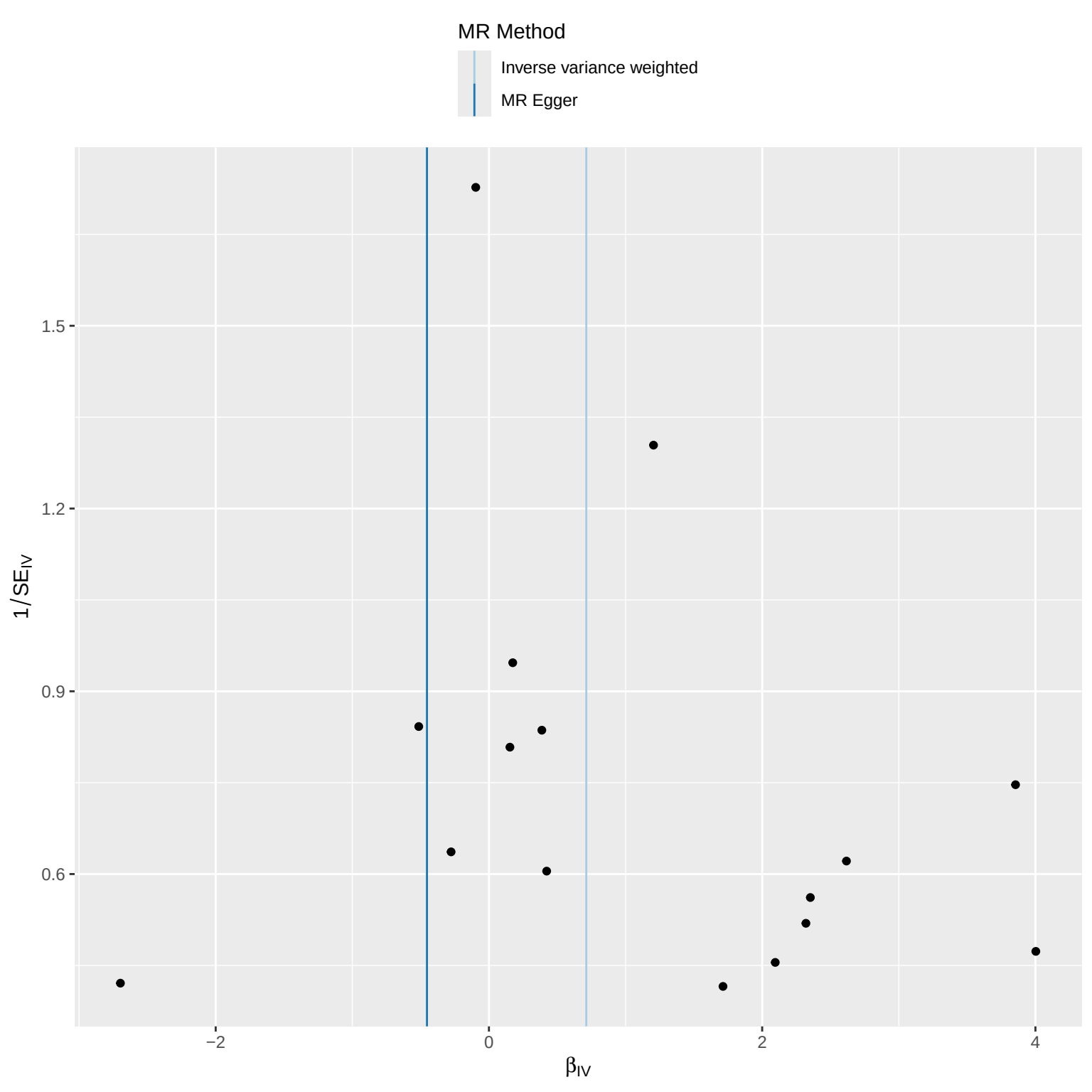

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
6
β_IV

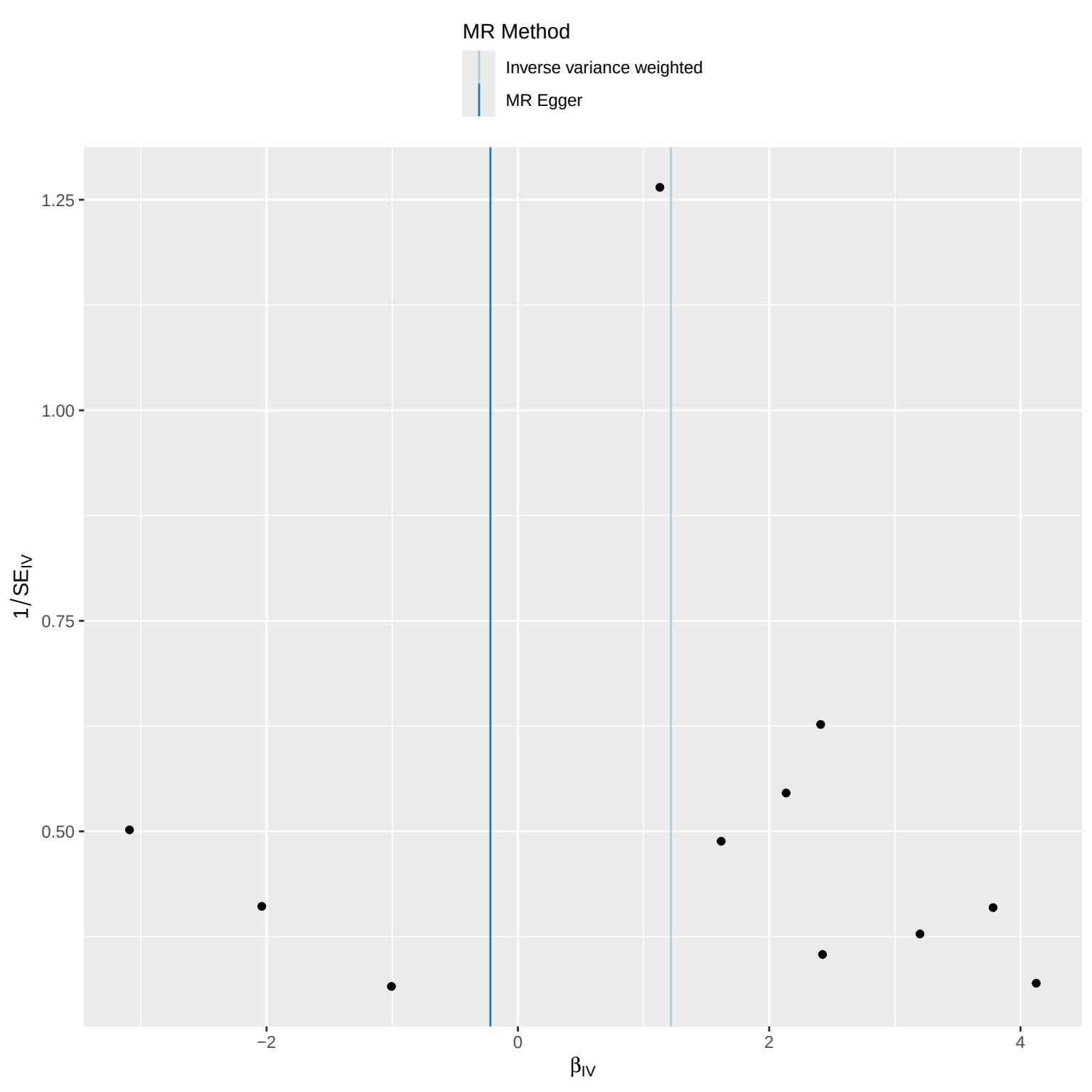

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

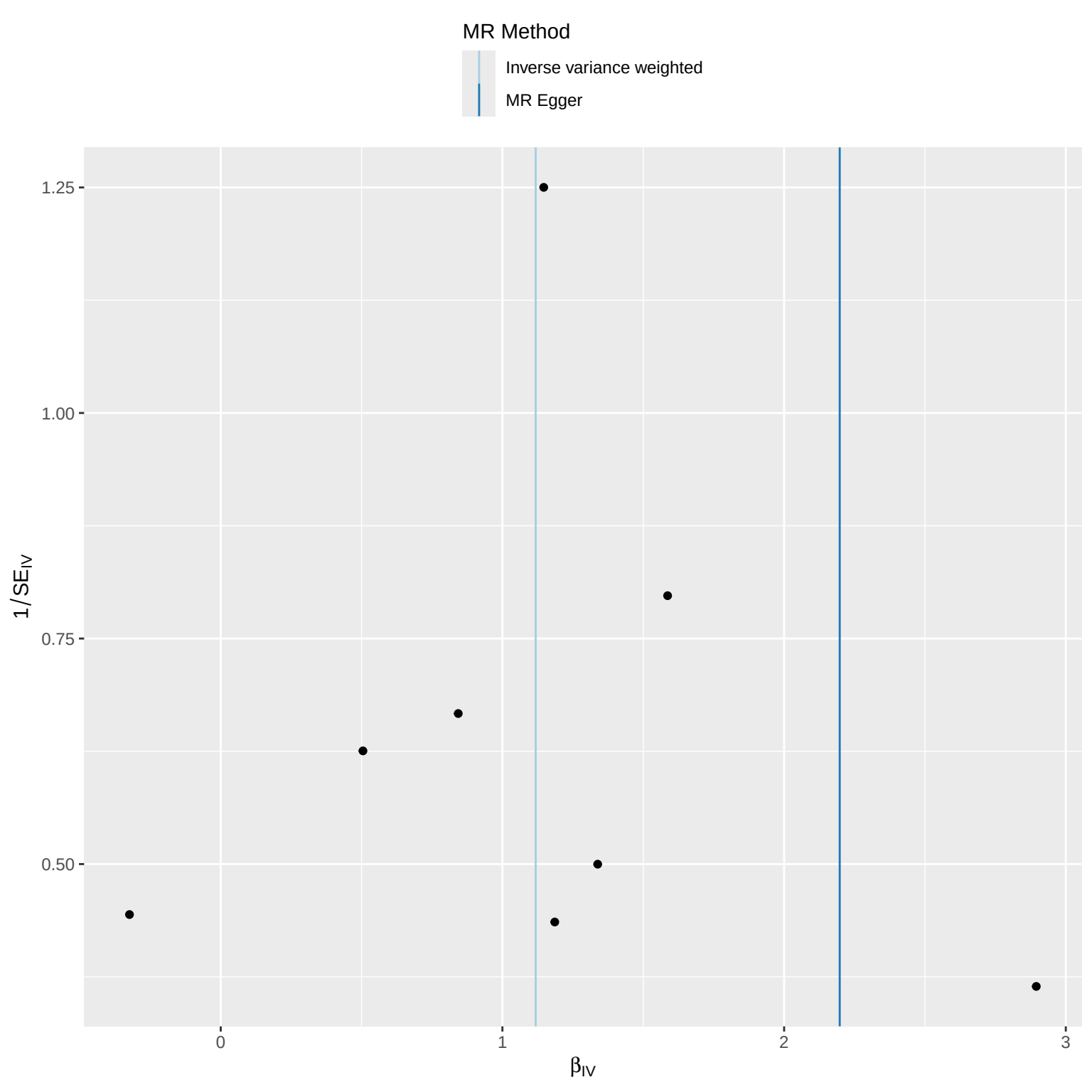

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
5.0
β_IV

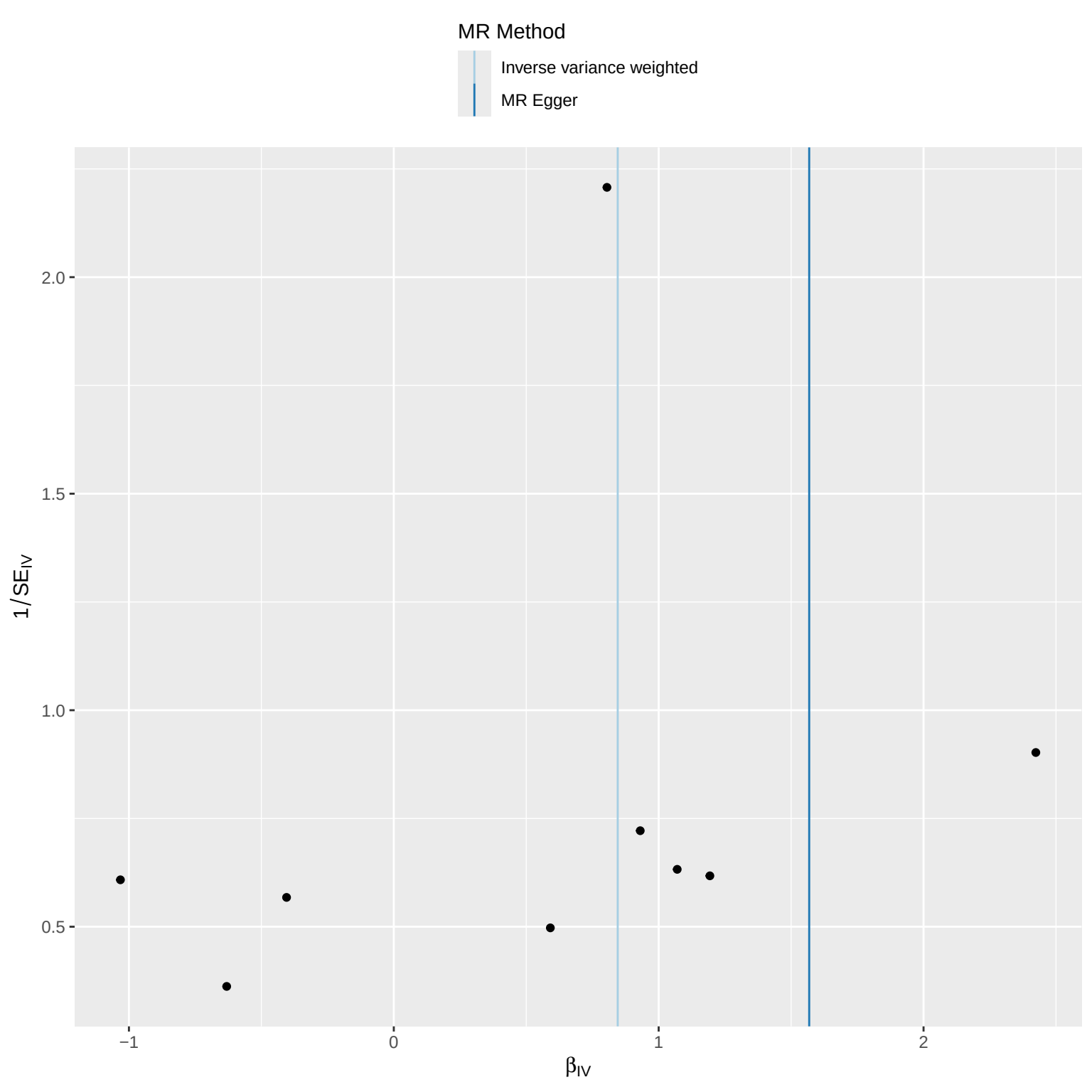

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

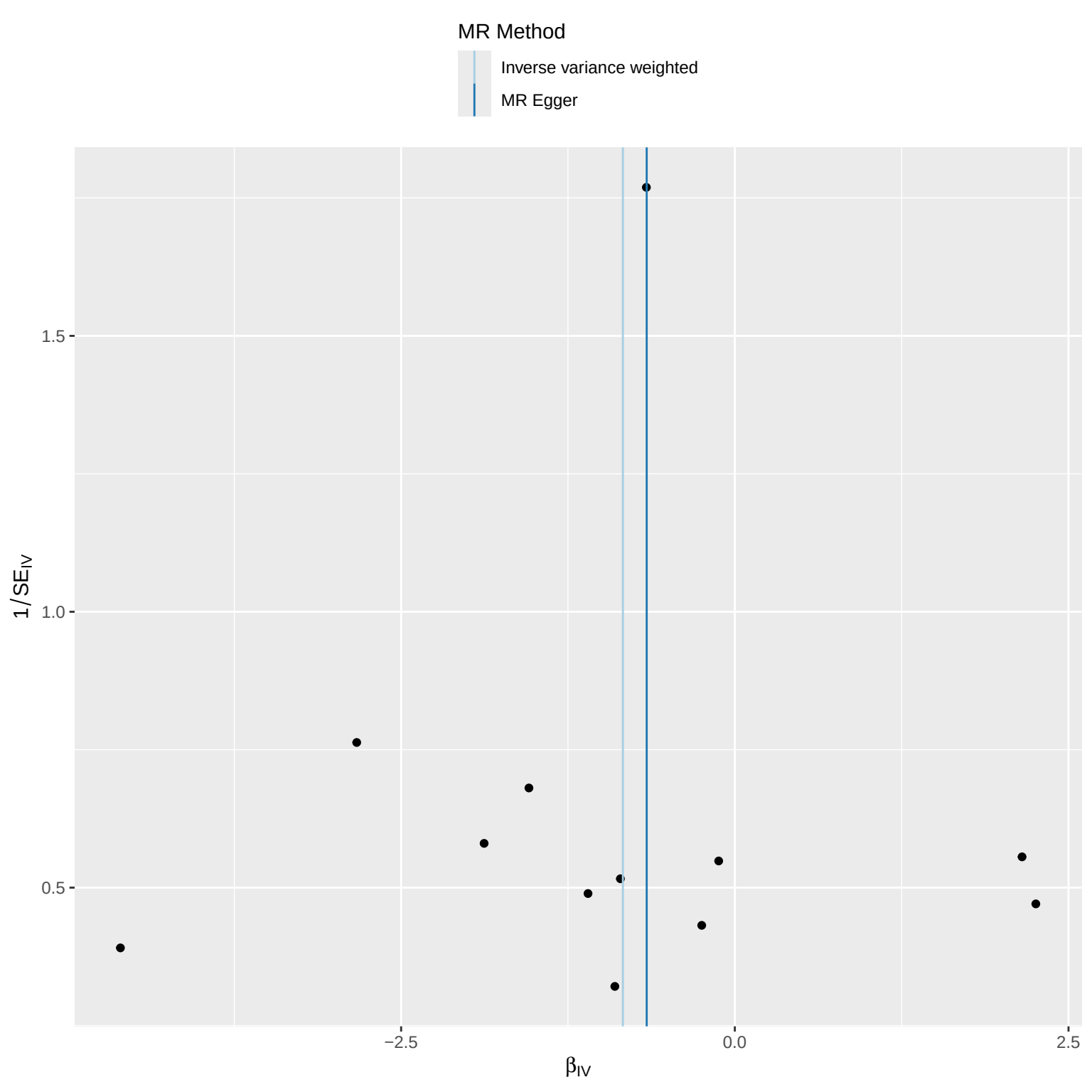

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

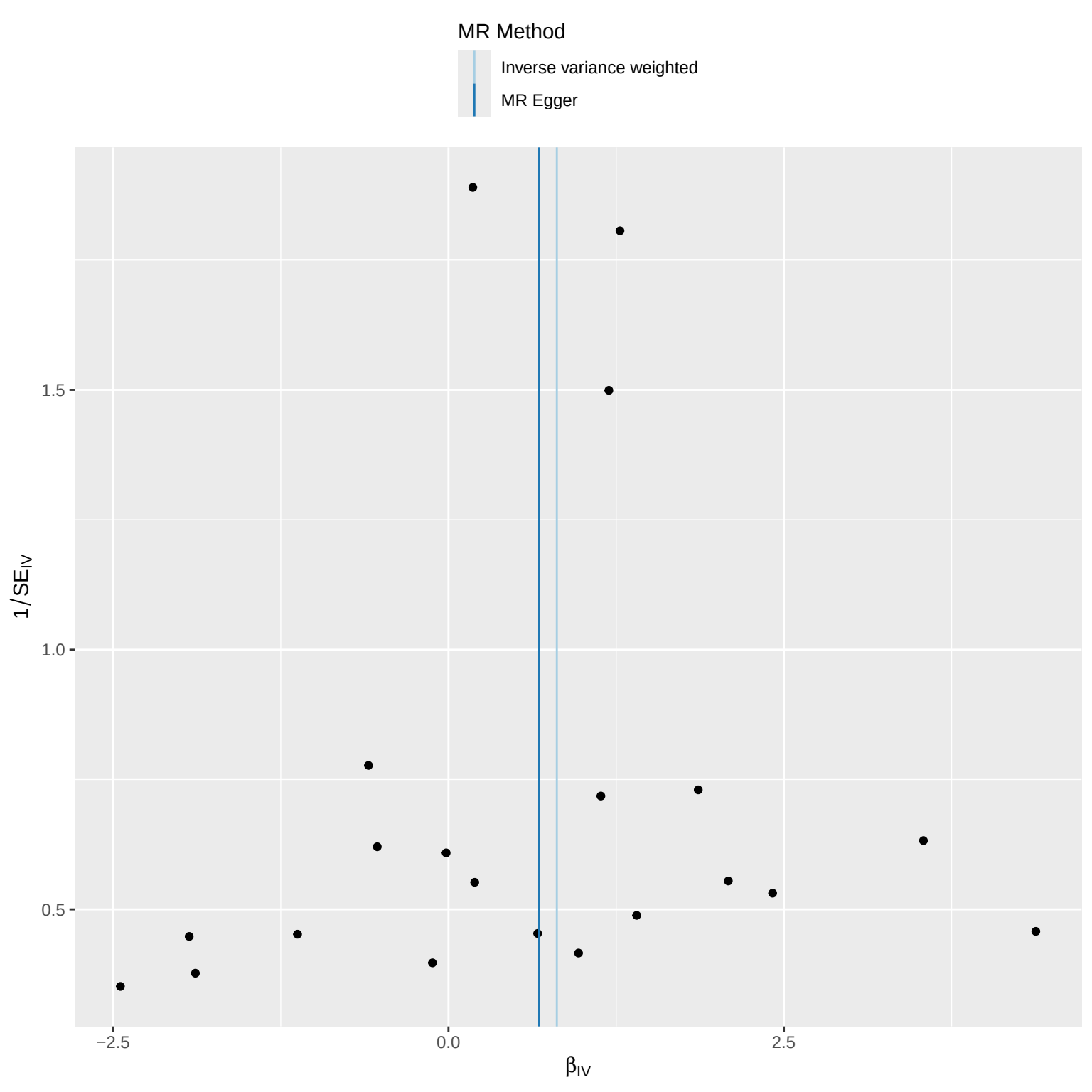

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
0
2
4
β_IV

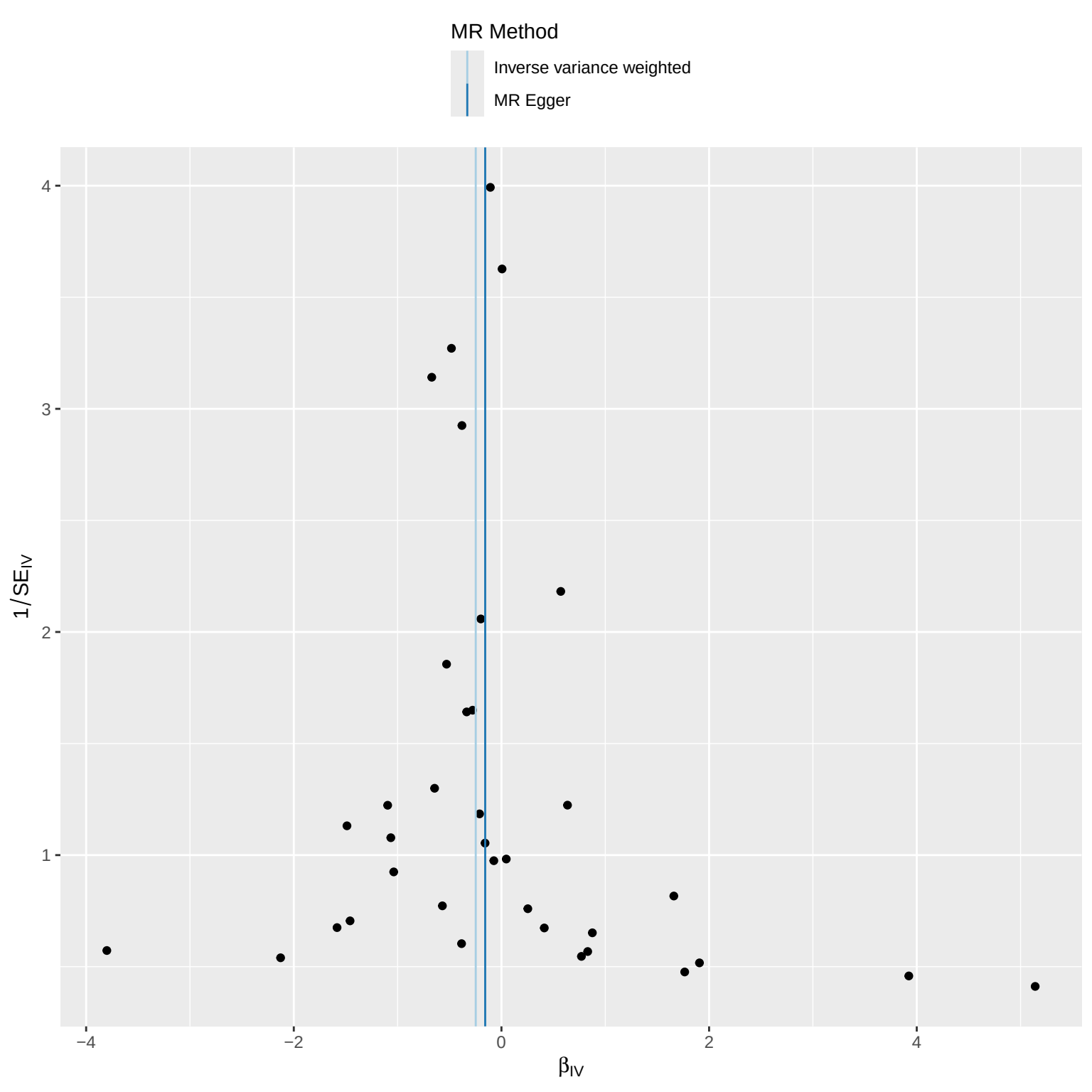

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
0
2
4
β_IV

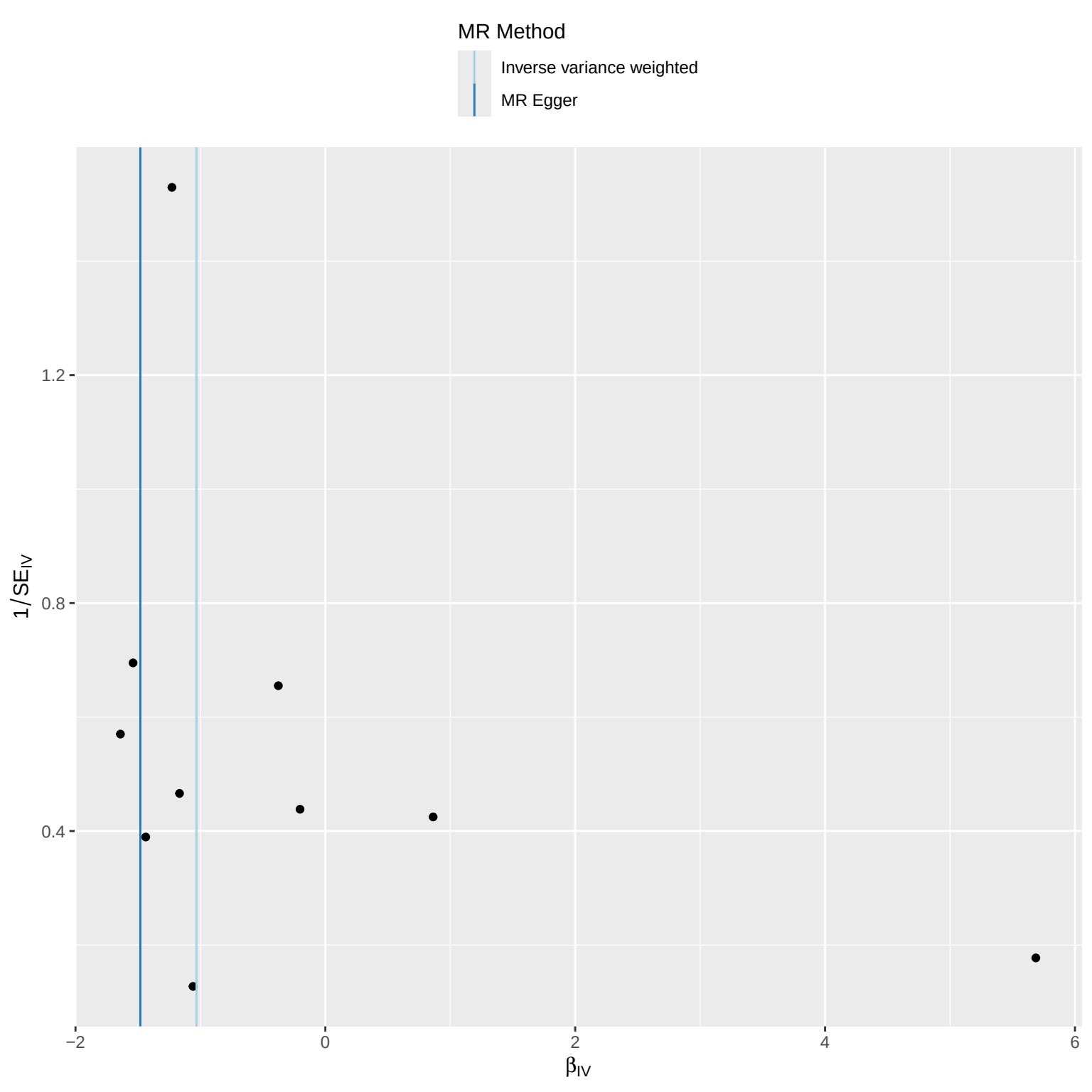

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
β_IV

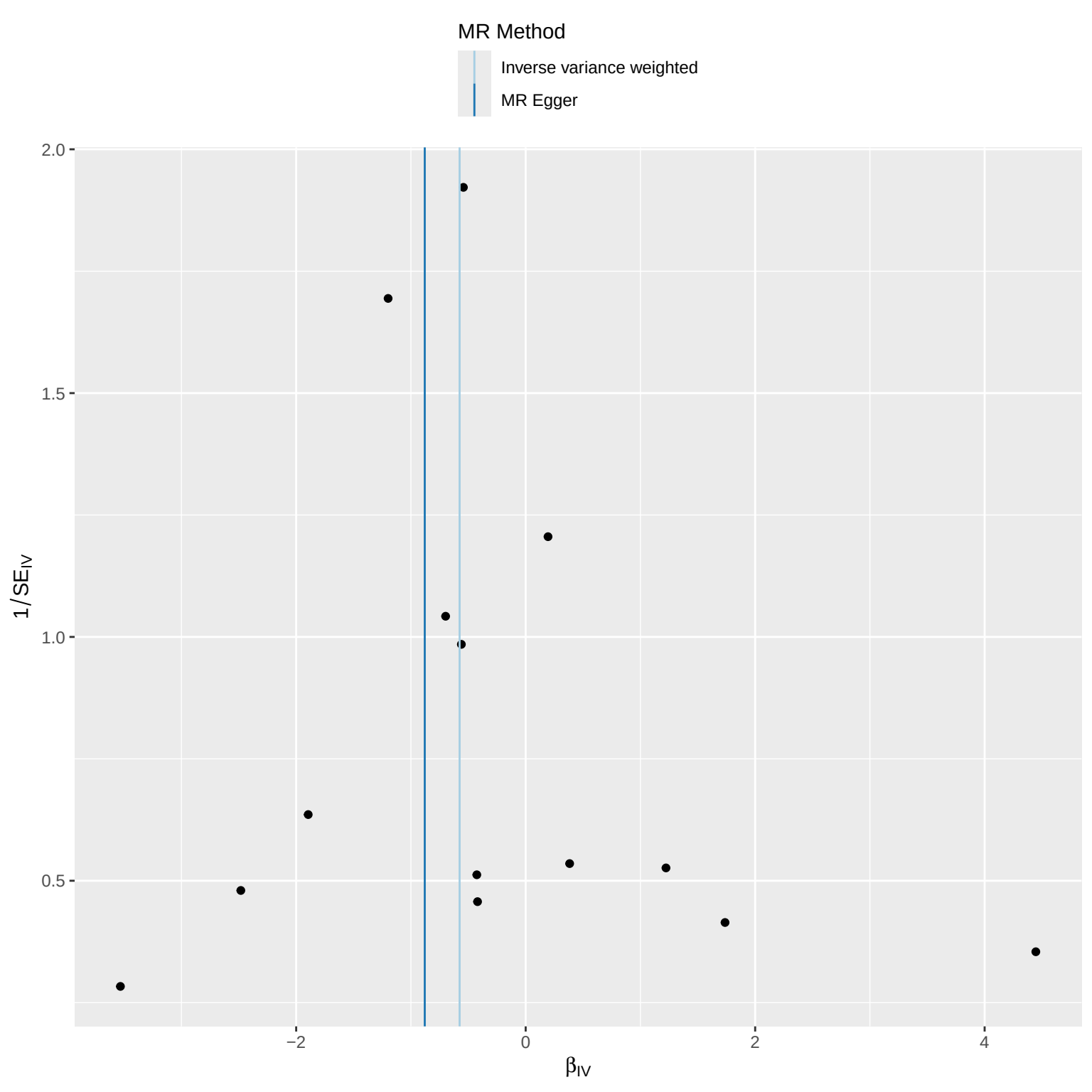

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

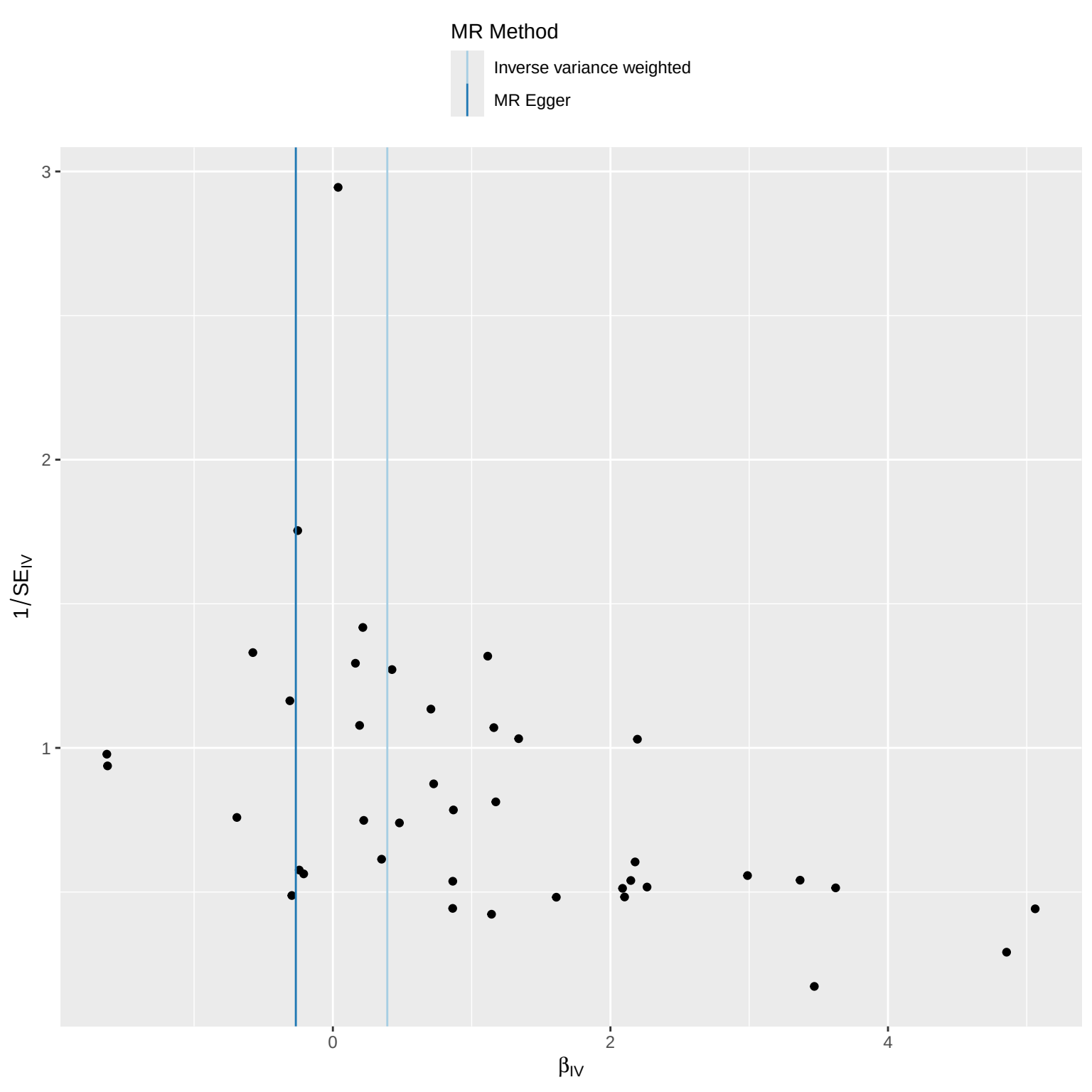

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

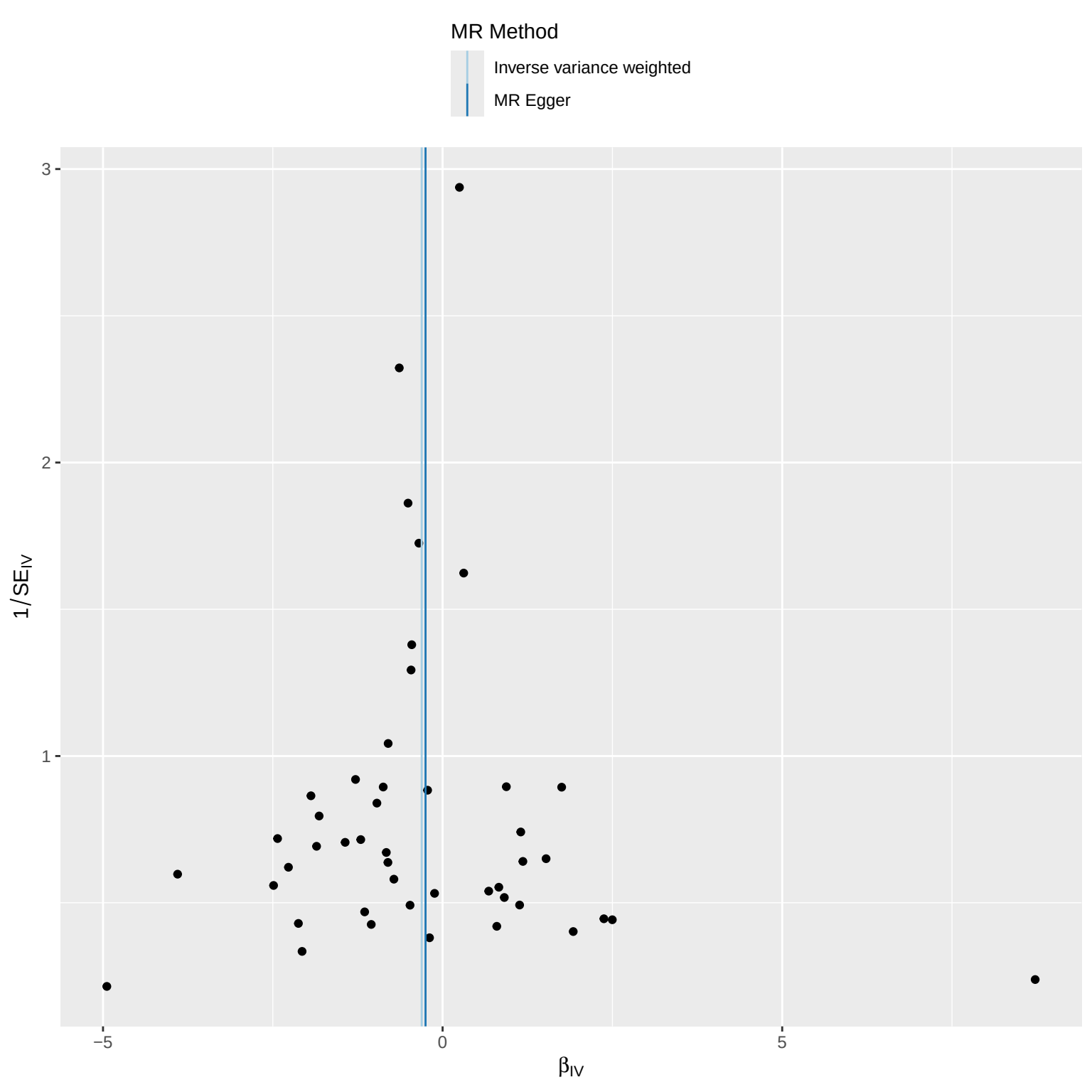

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

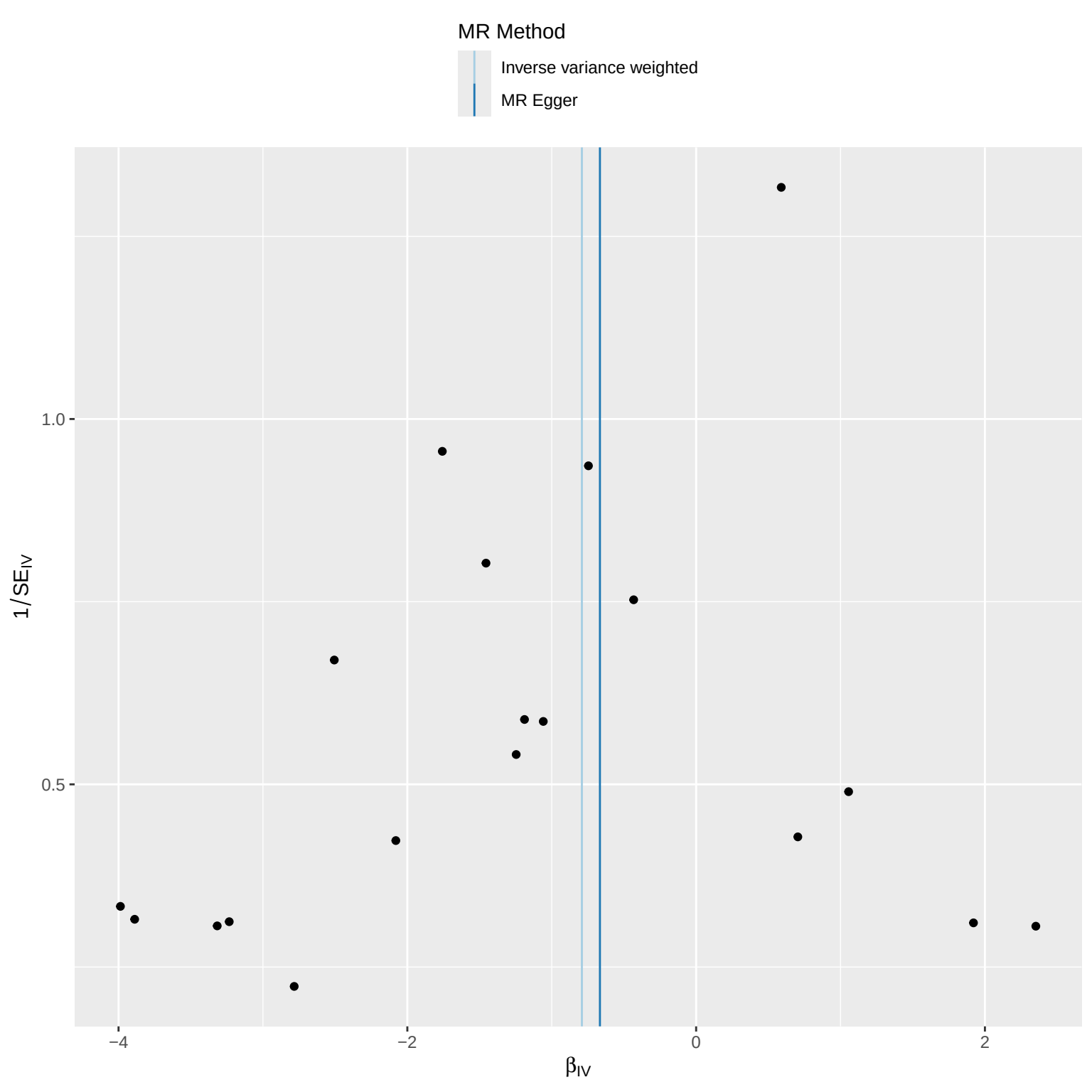

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

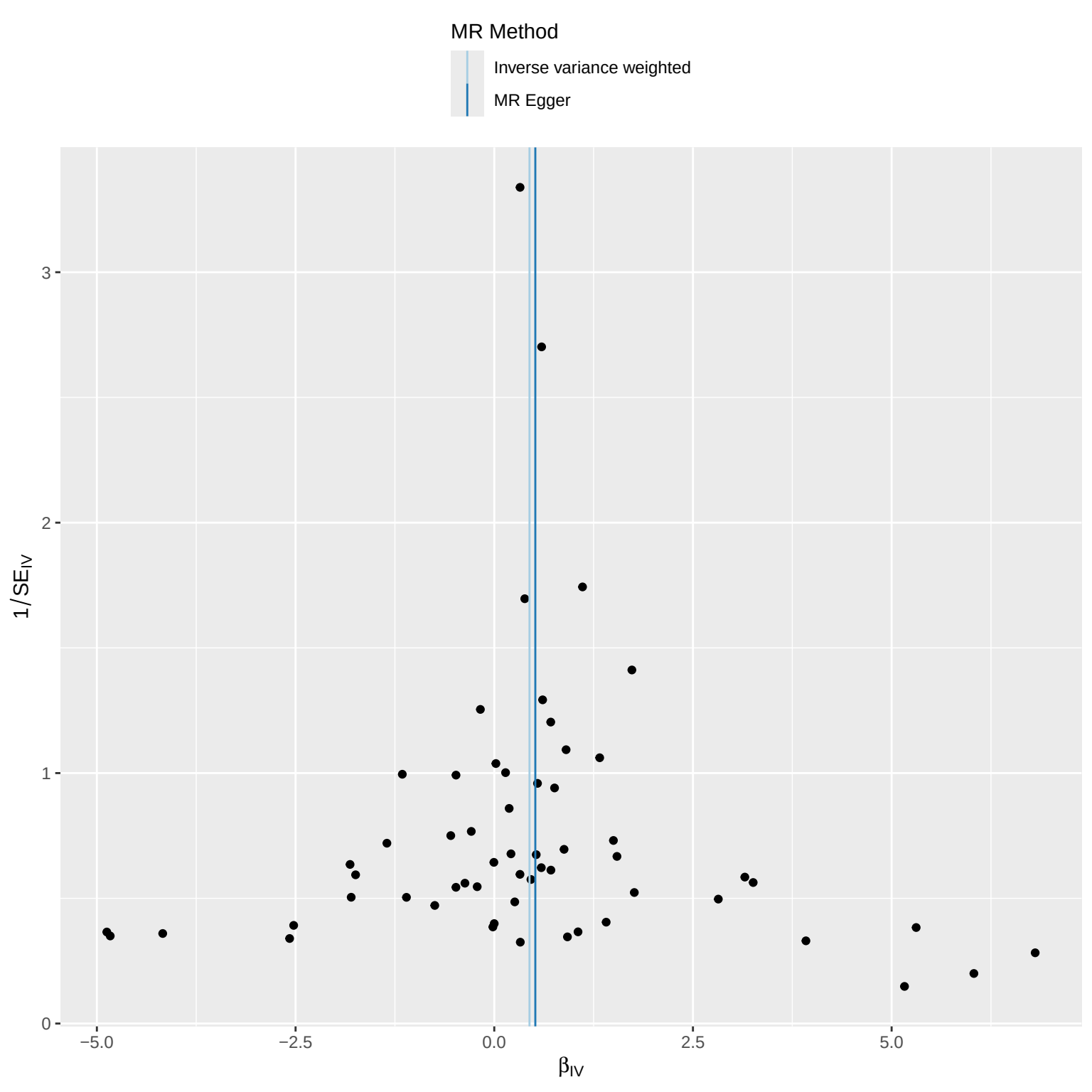

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
6
β_IV

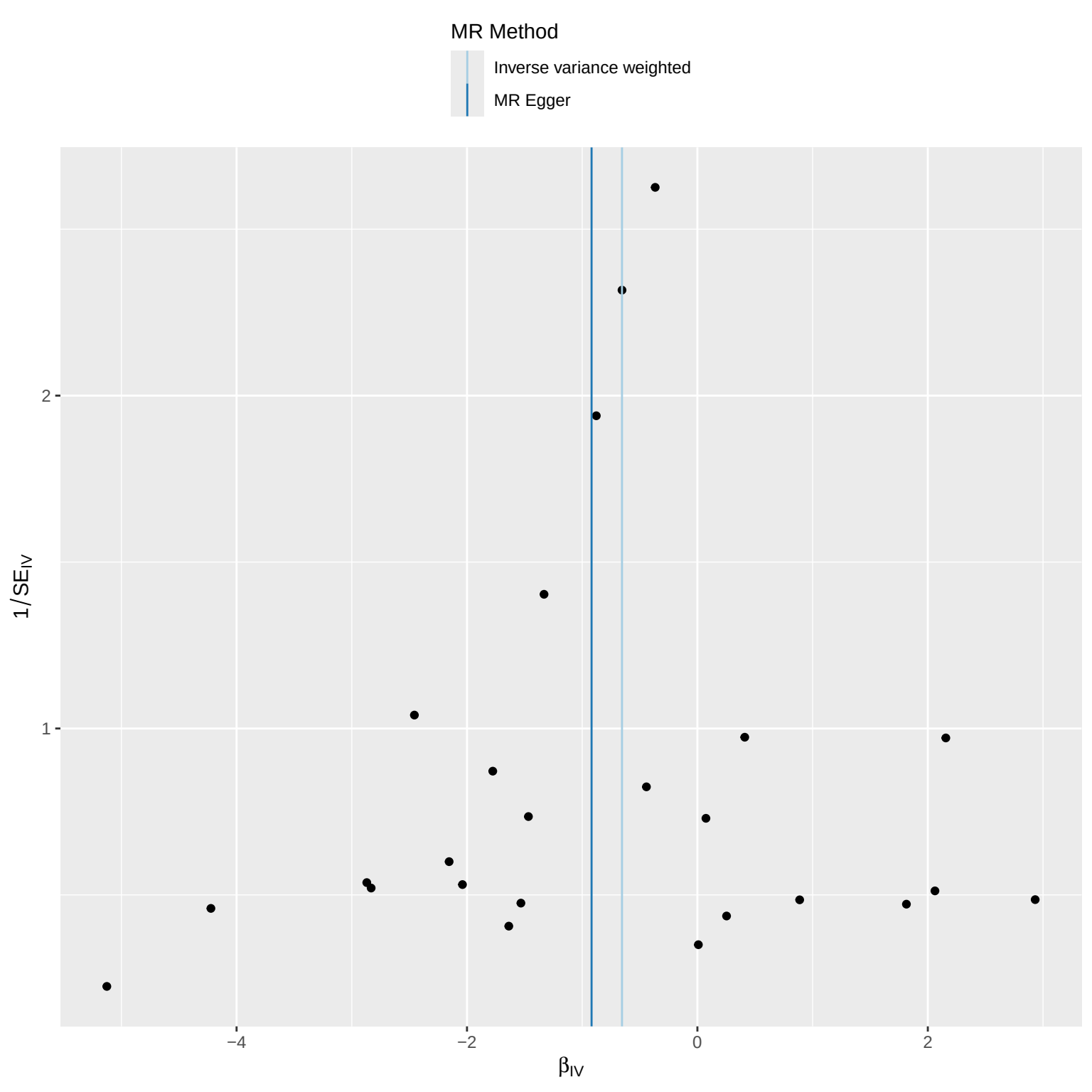

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

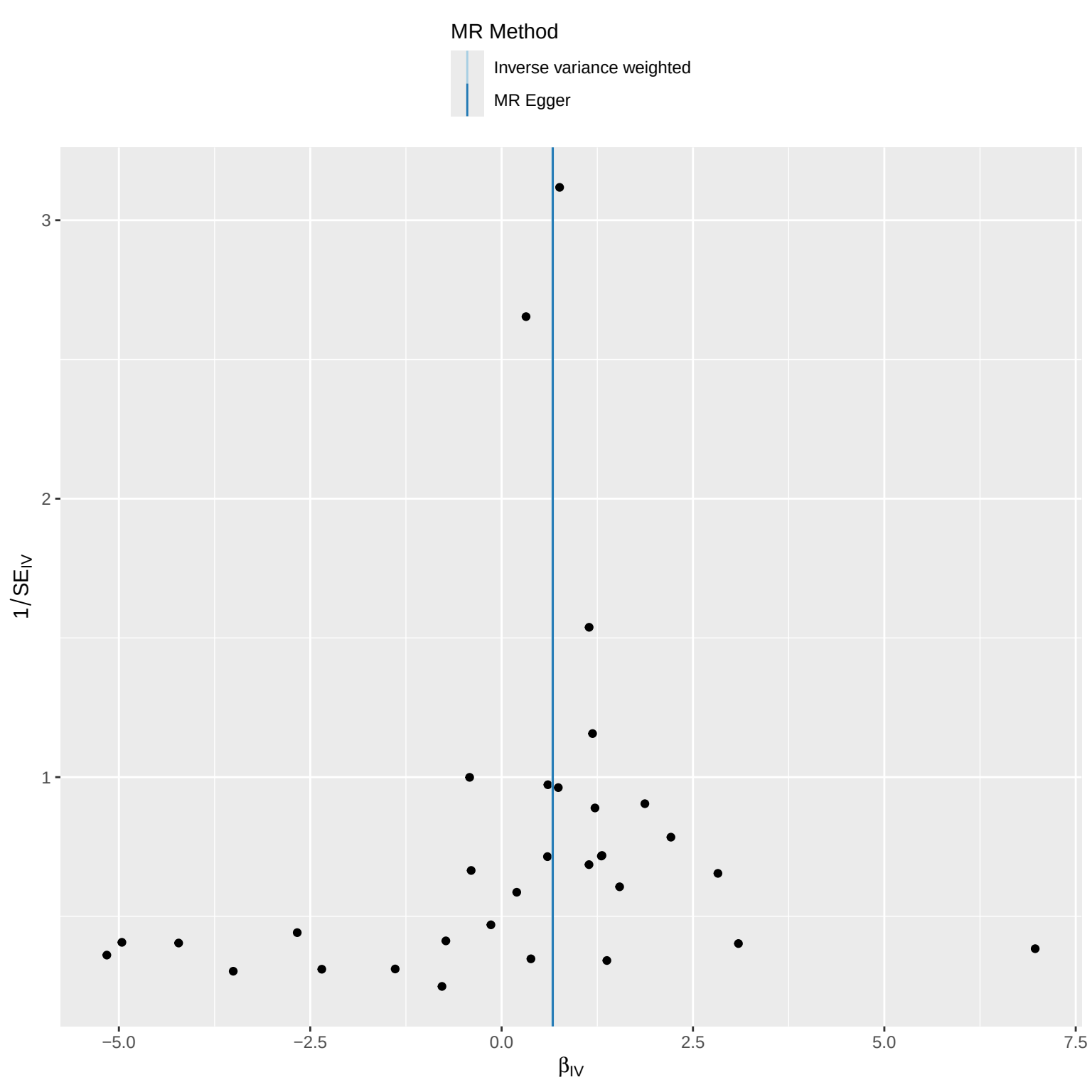

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
2
4
1/SE_IV
β_IV

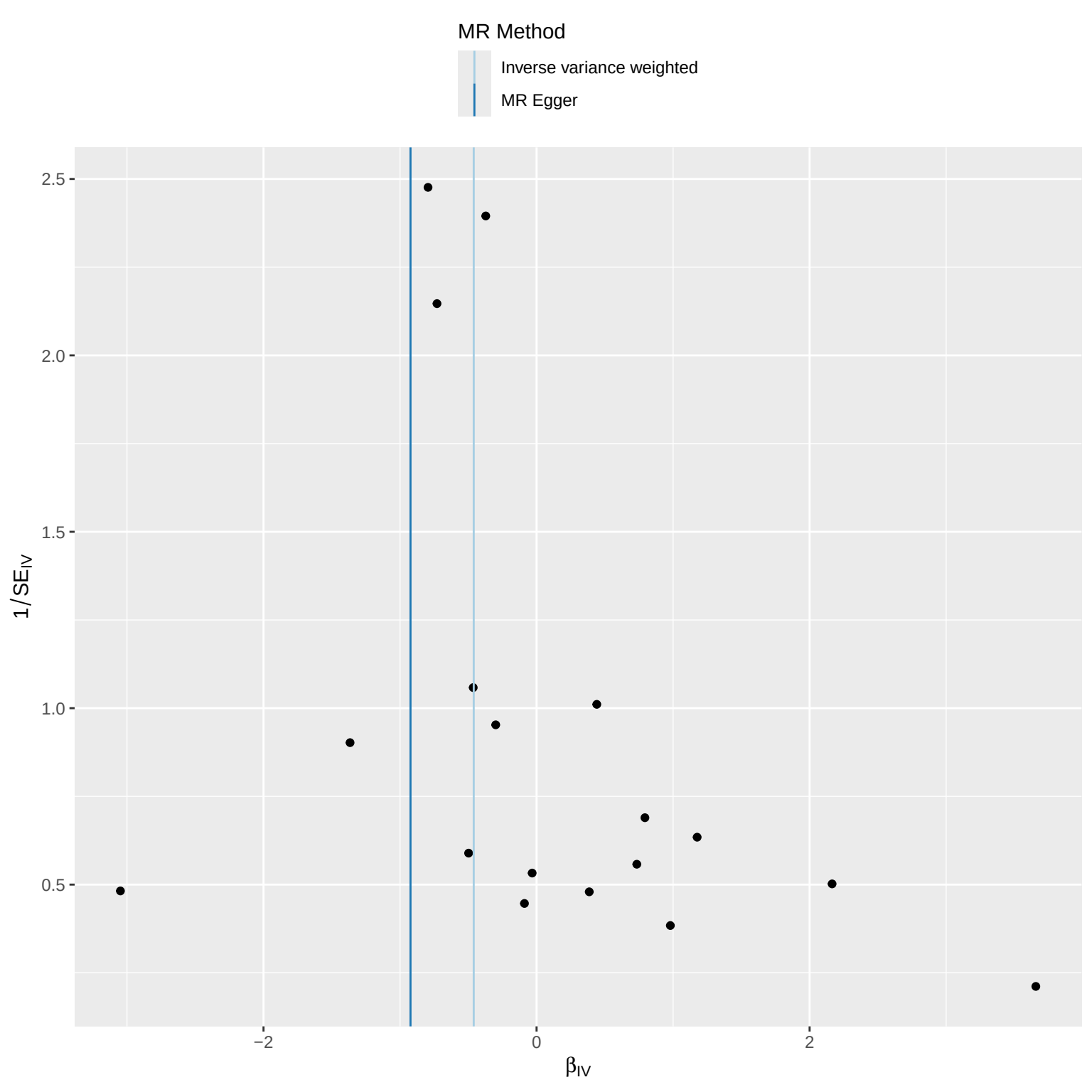

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5
0
5
β_IV

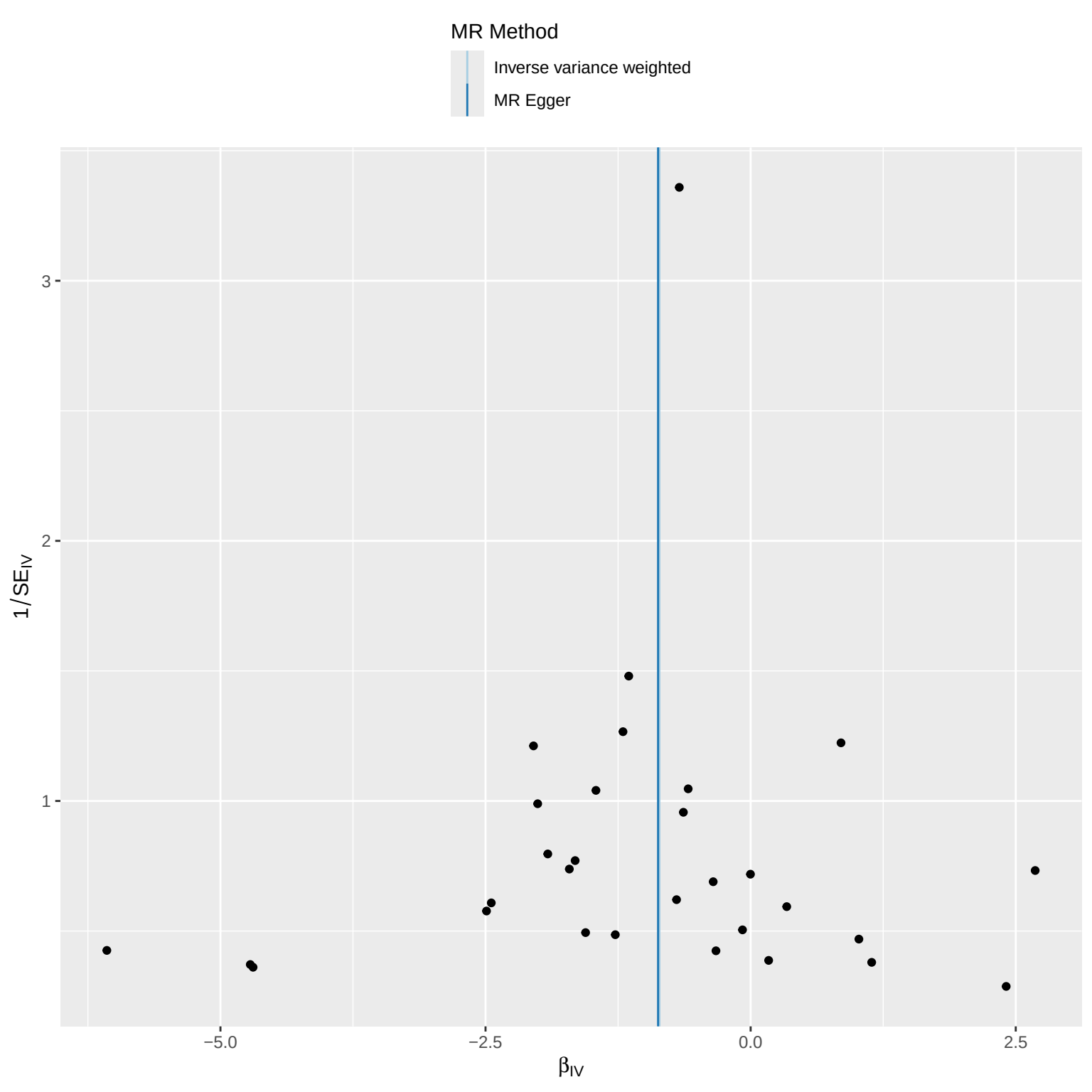

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

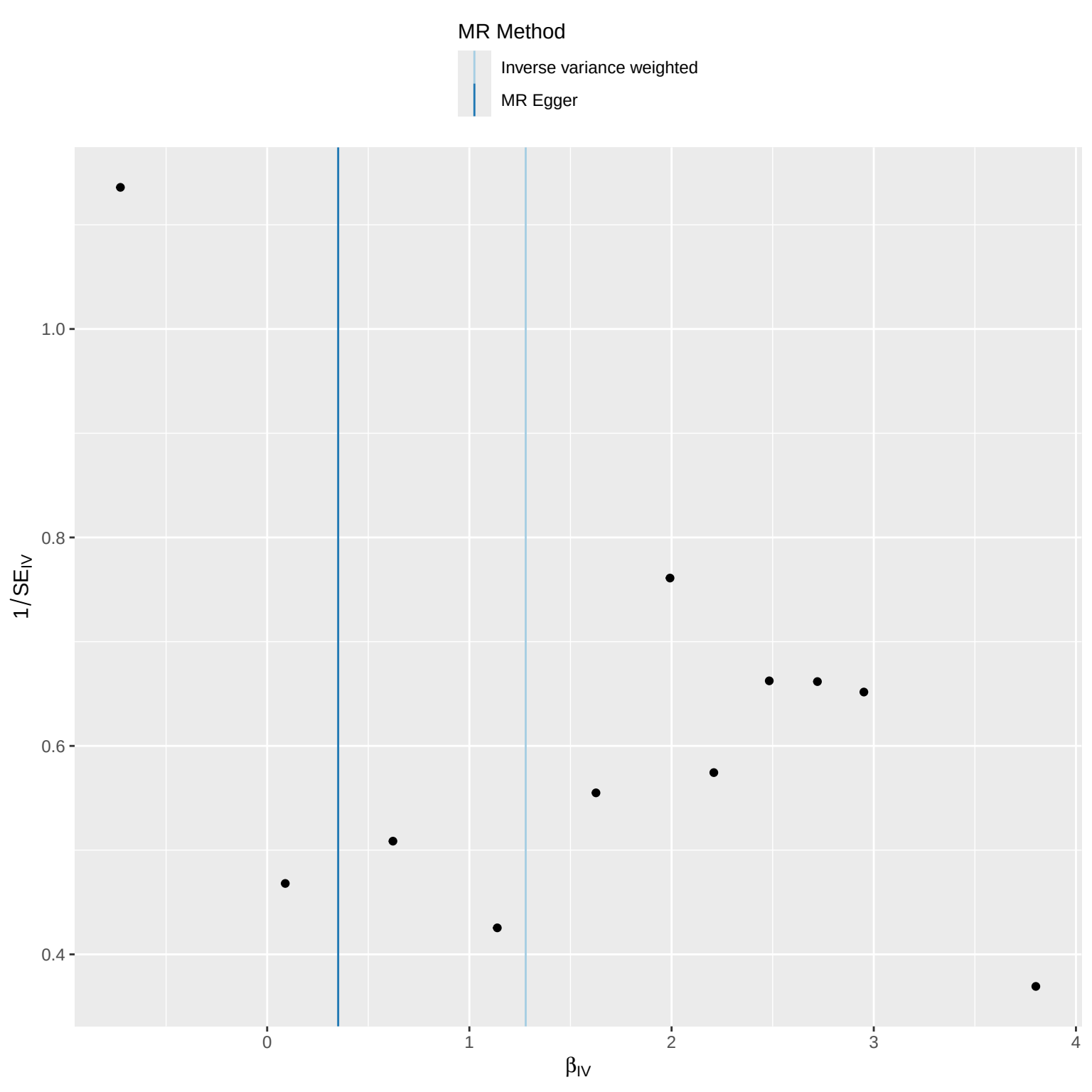

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

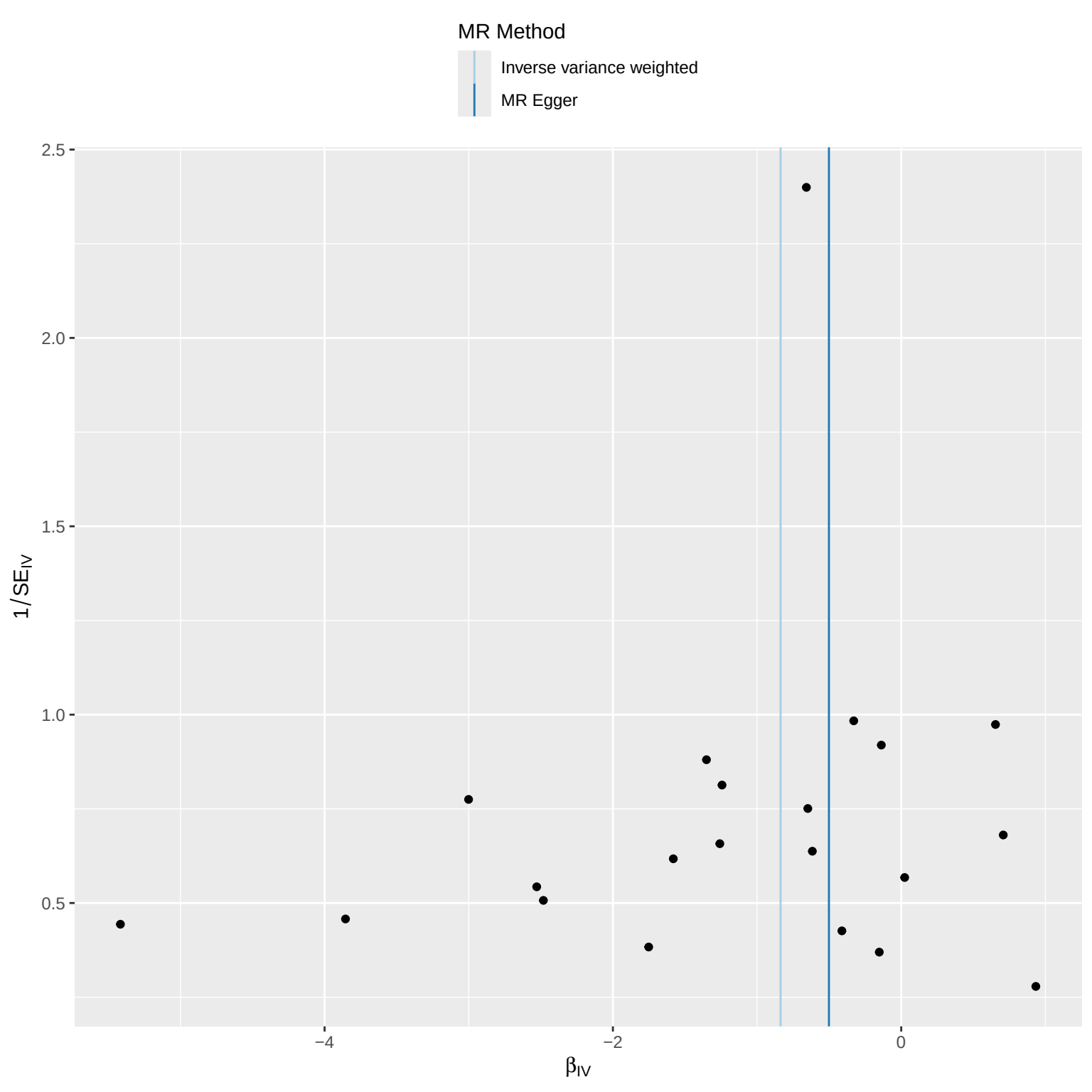

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

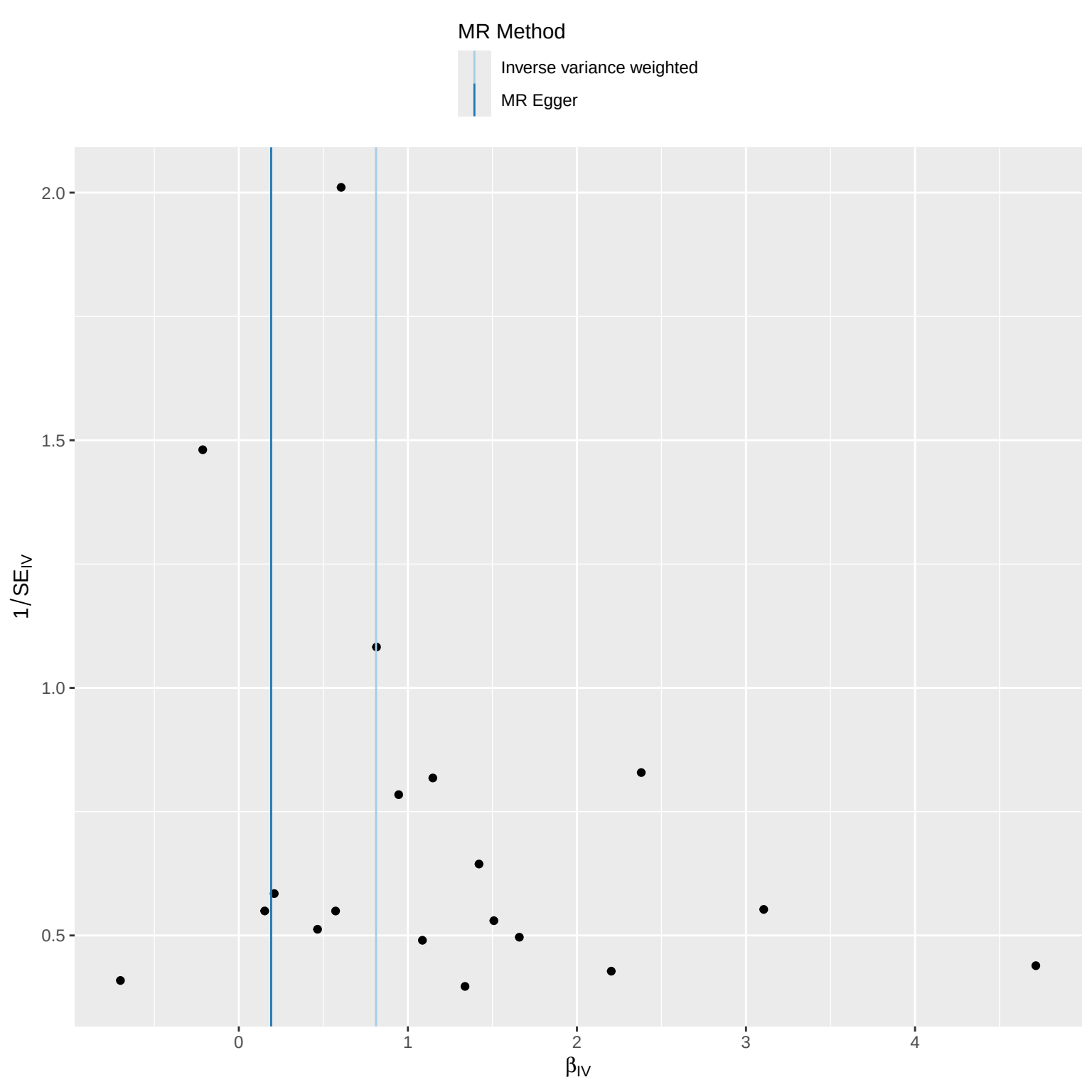

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
7.5
β_IV

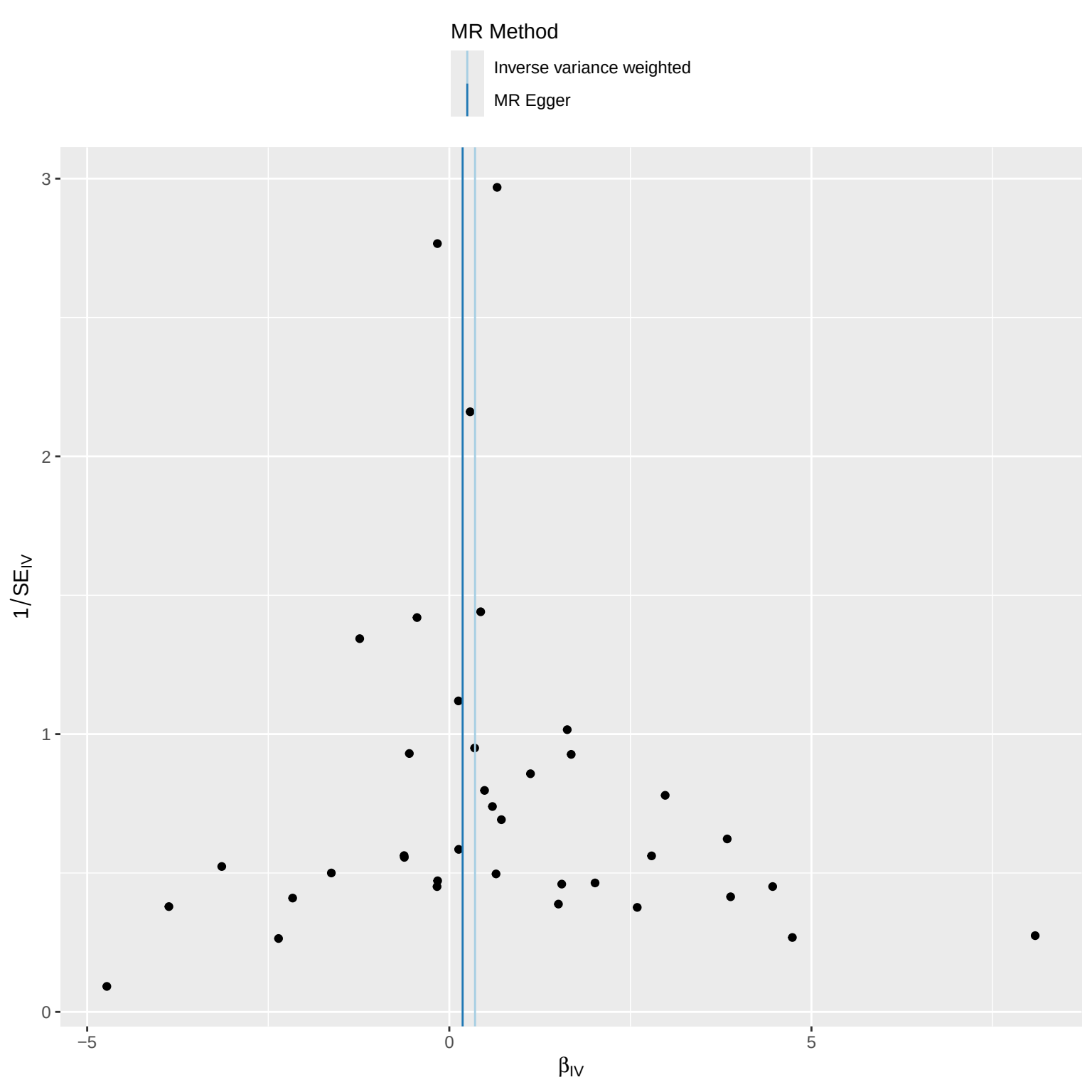

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

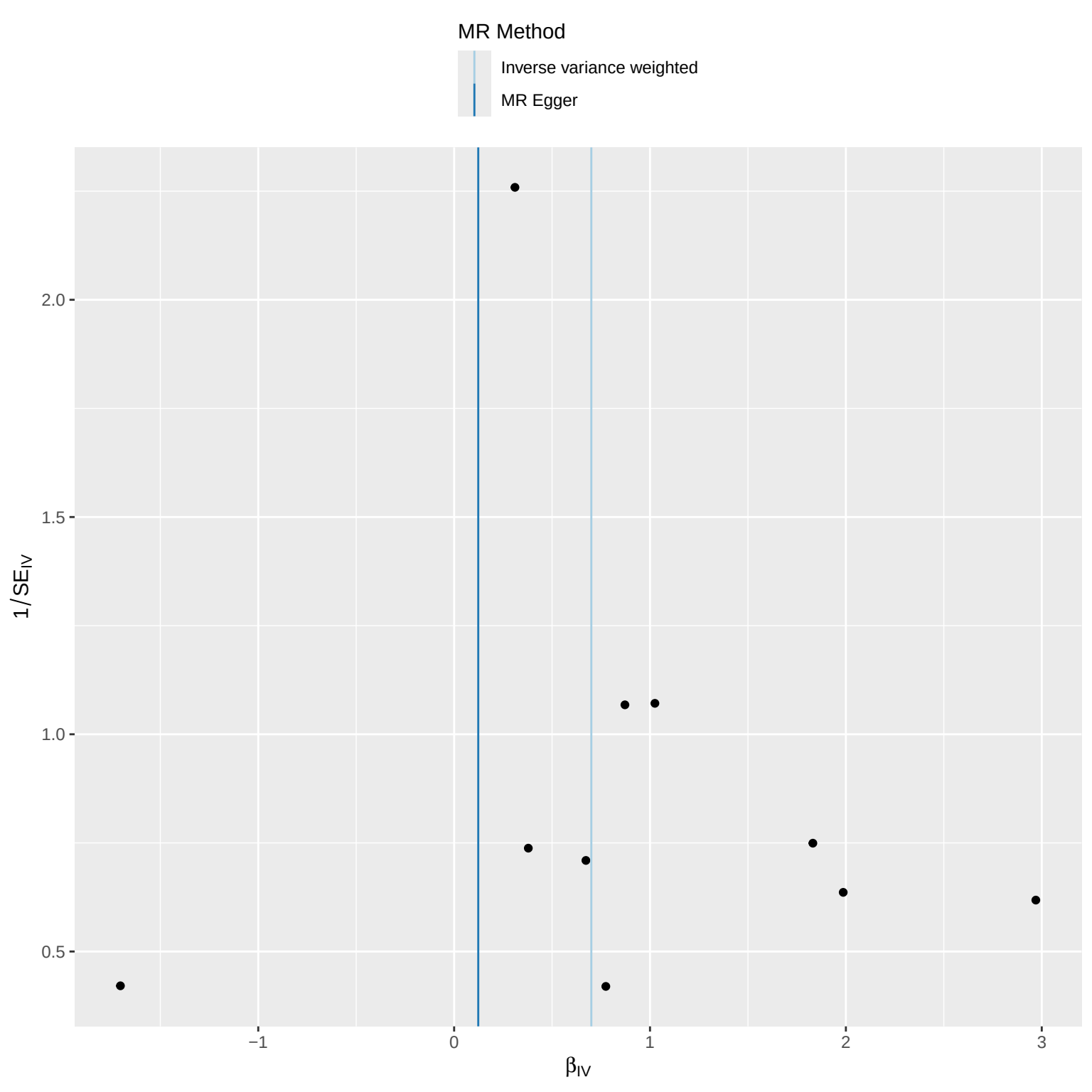

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

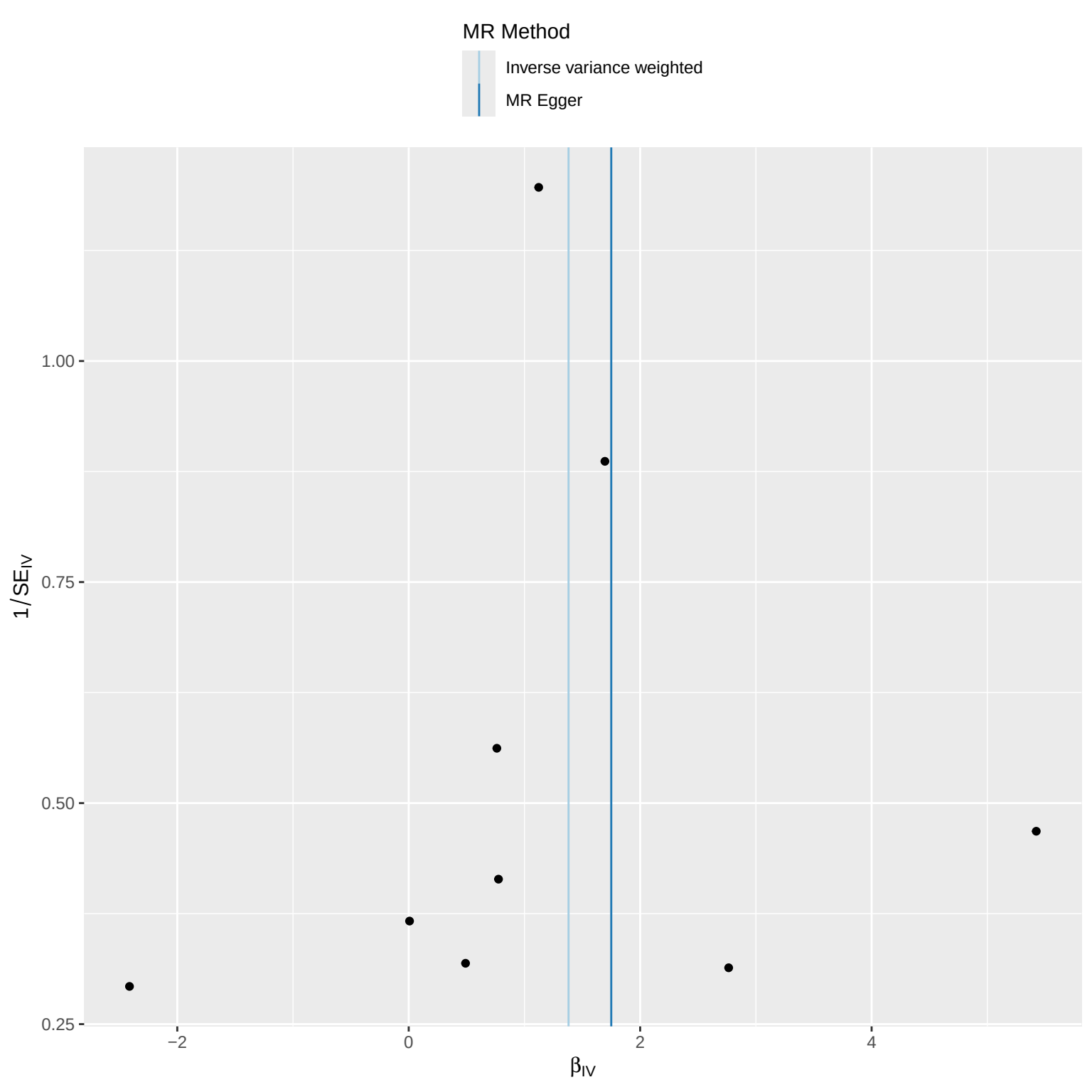

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
4
β_IV

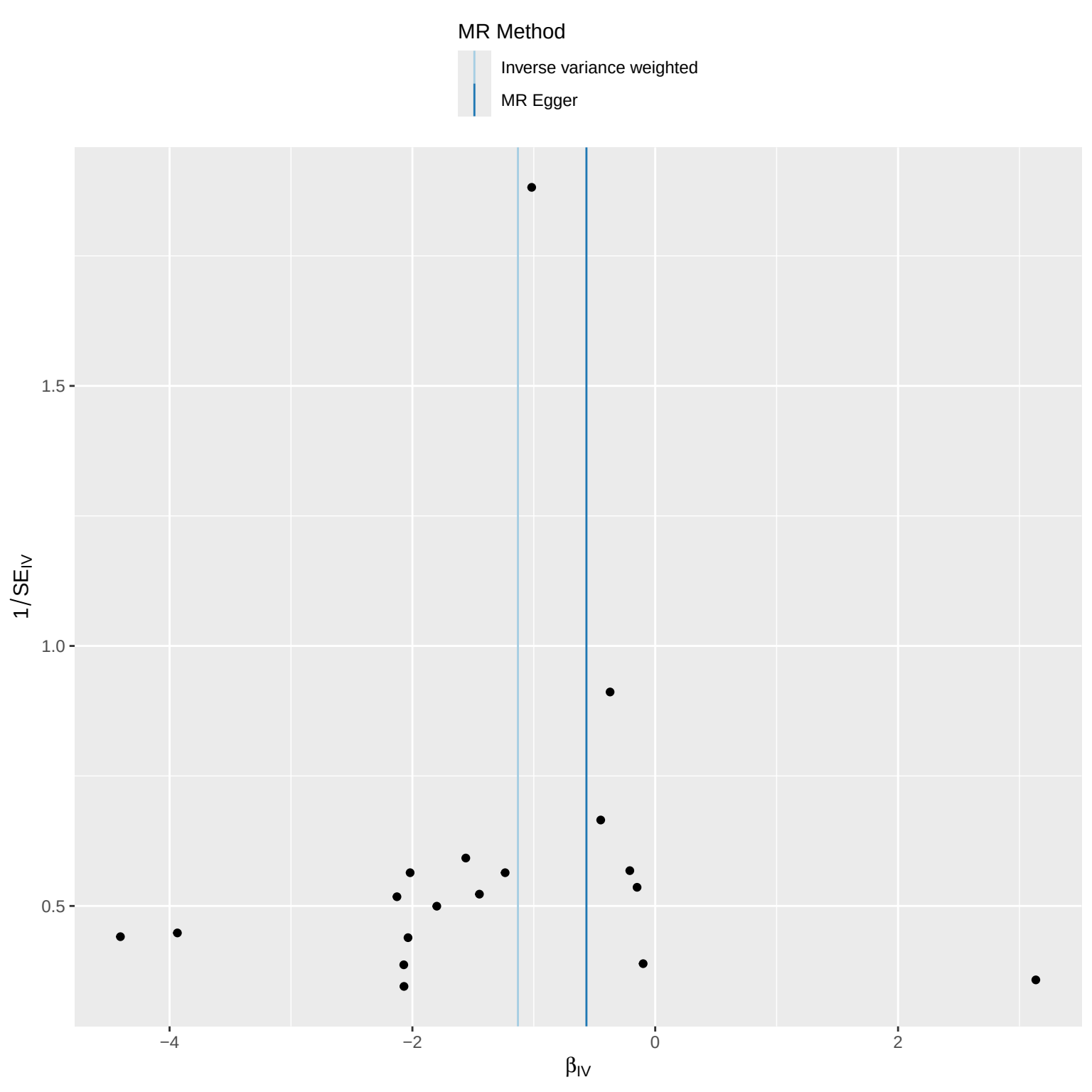

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

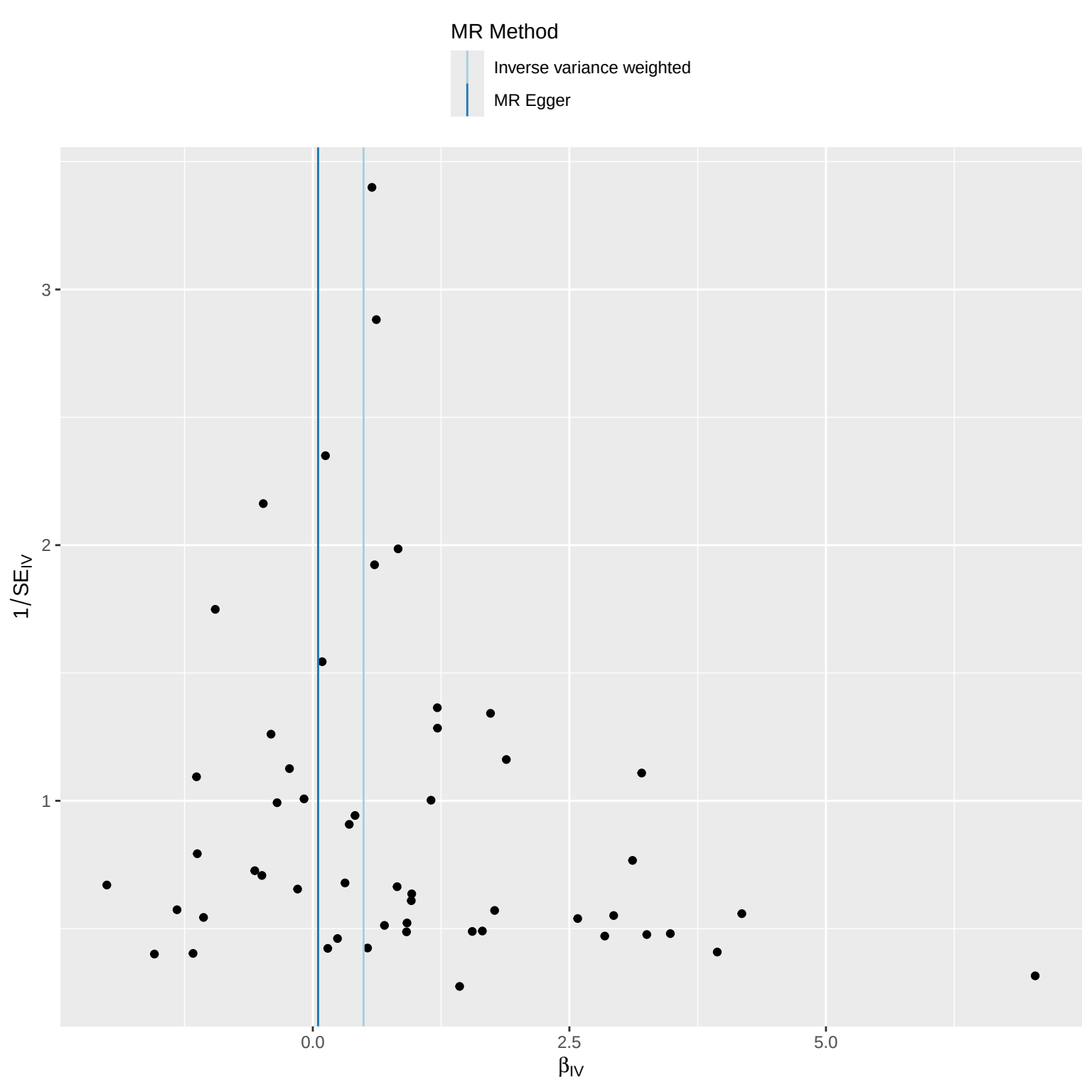

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
β_IV

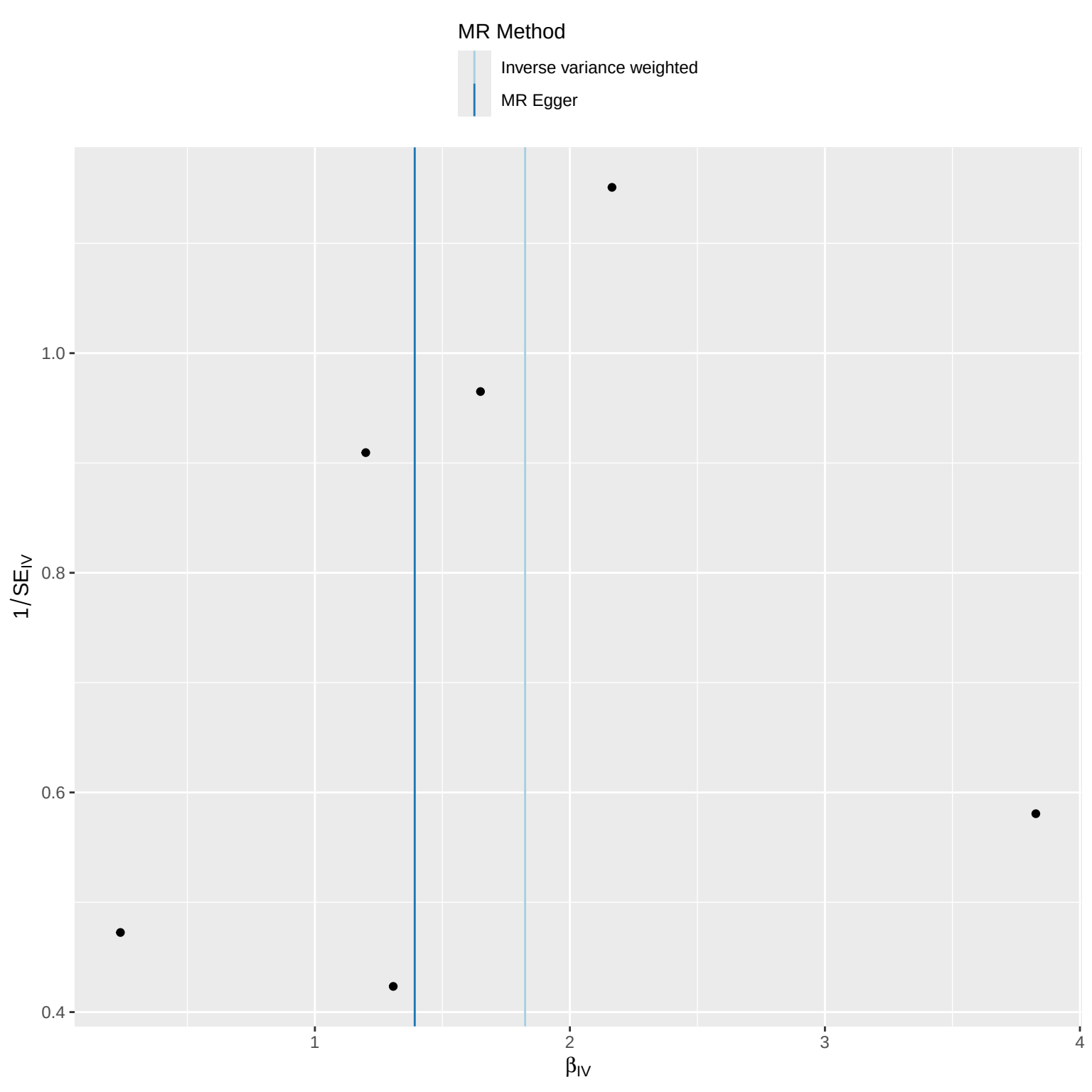

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−5
0
5
β_IV

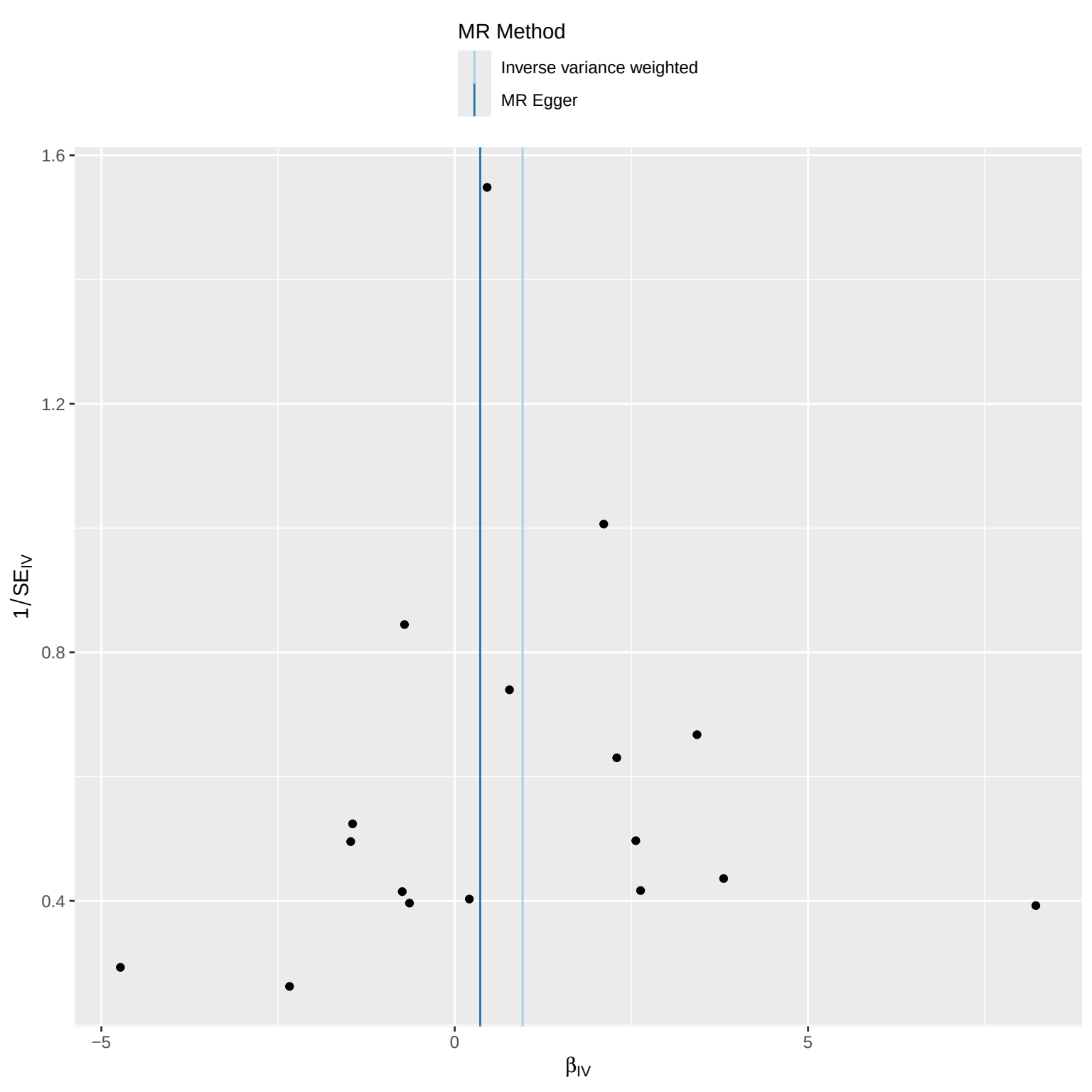

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

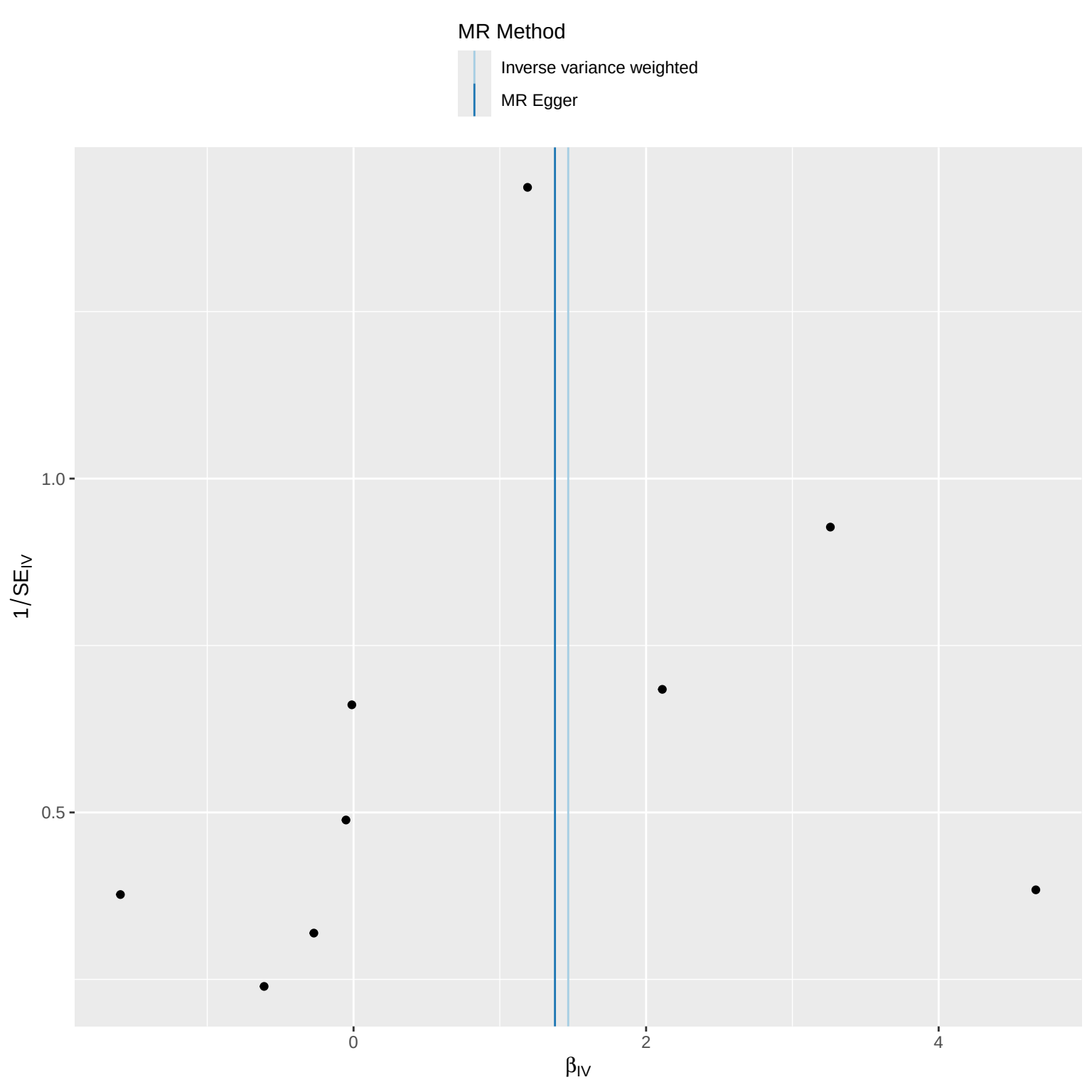

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
0.25
1/SE_IV
−2
0
2
4
β_IV

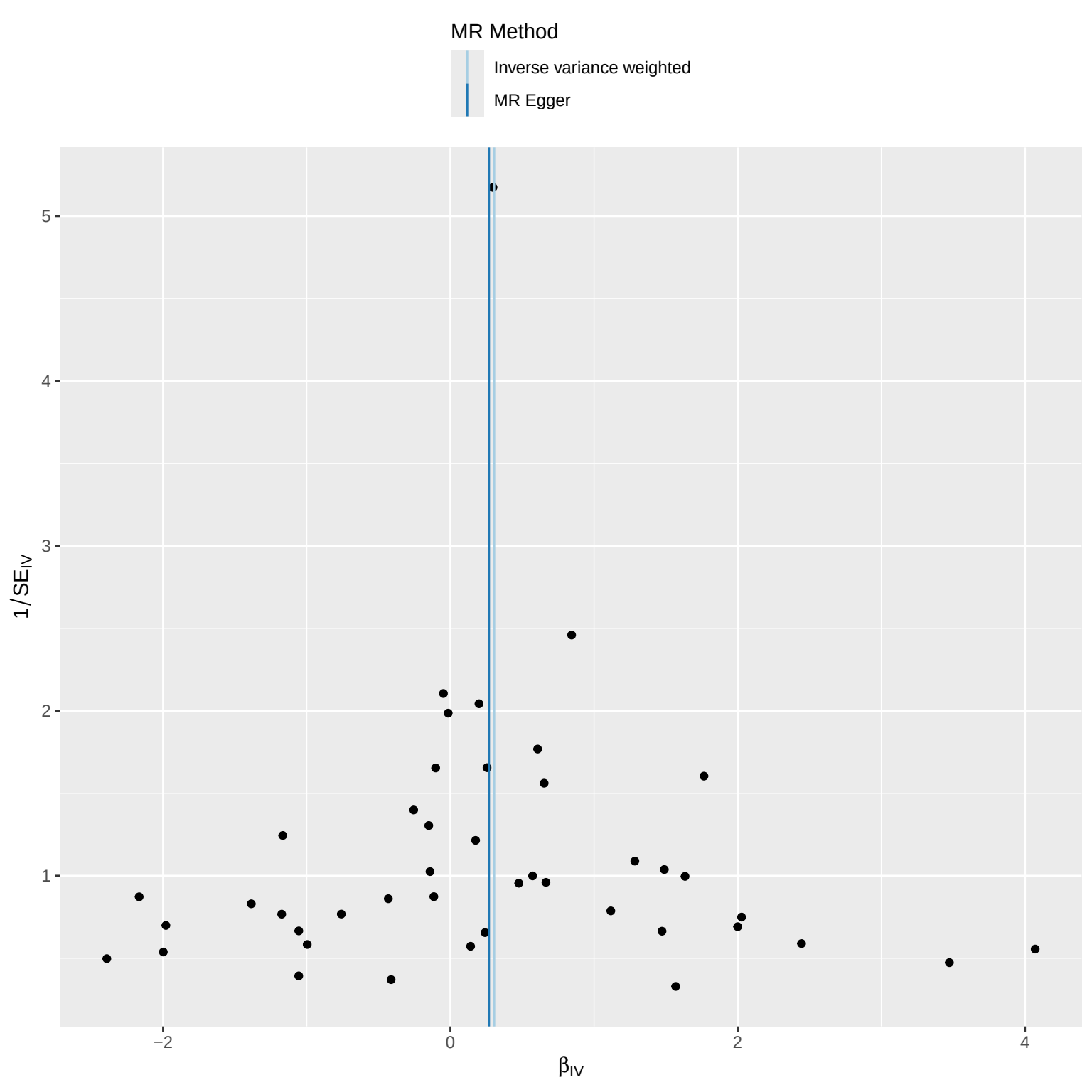

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

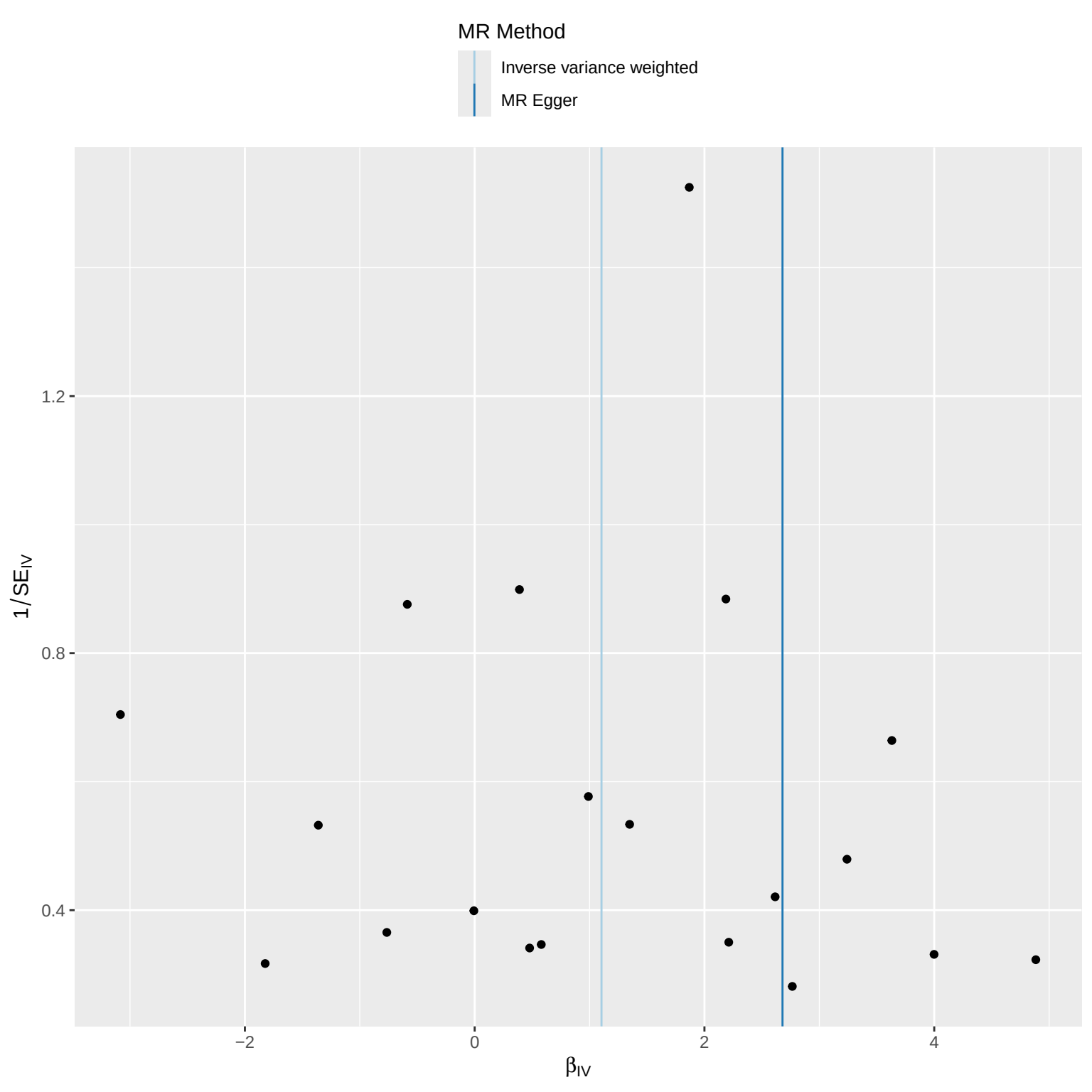

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
2.5
5.0
β_IV

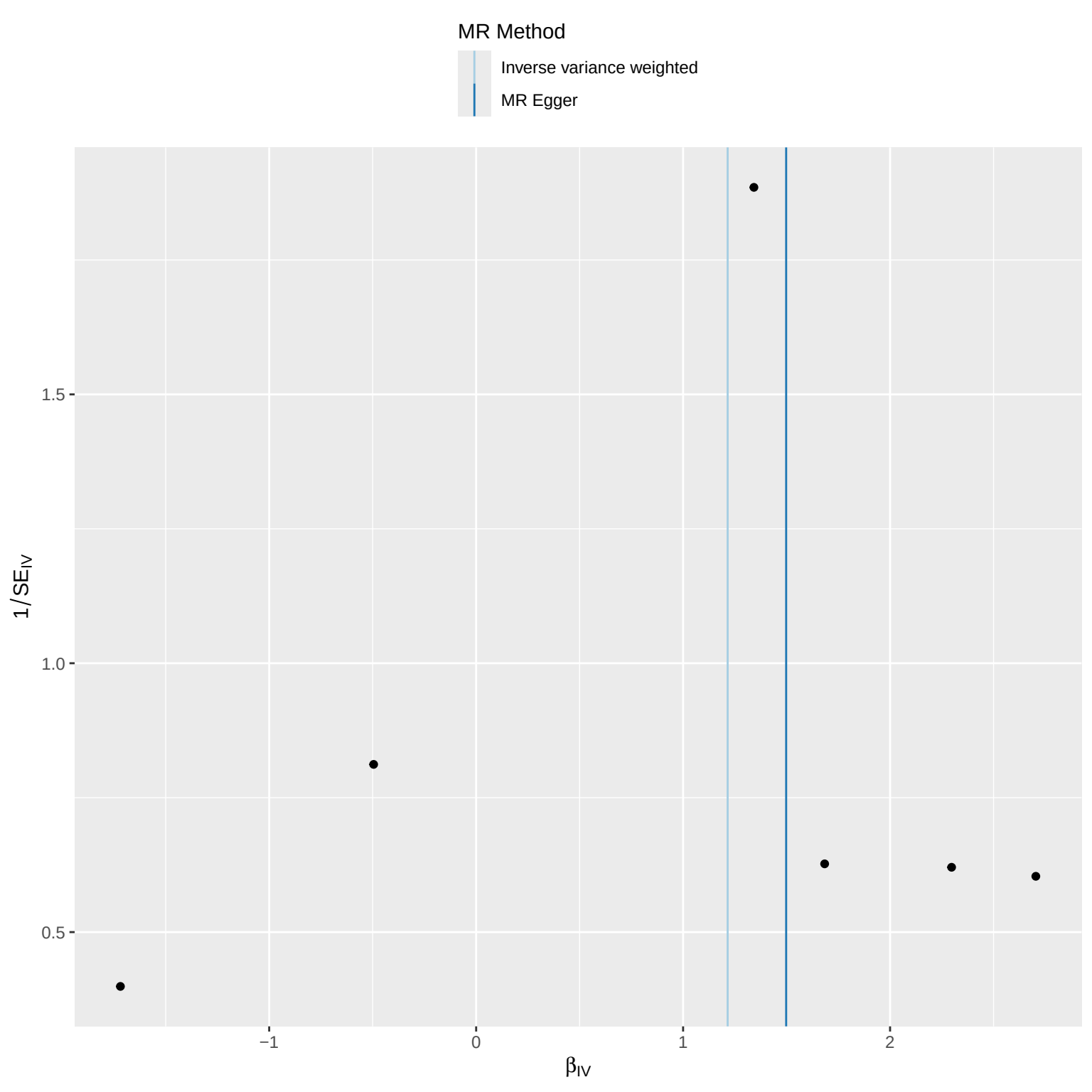

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
1
2
3
4
β_IV

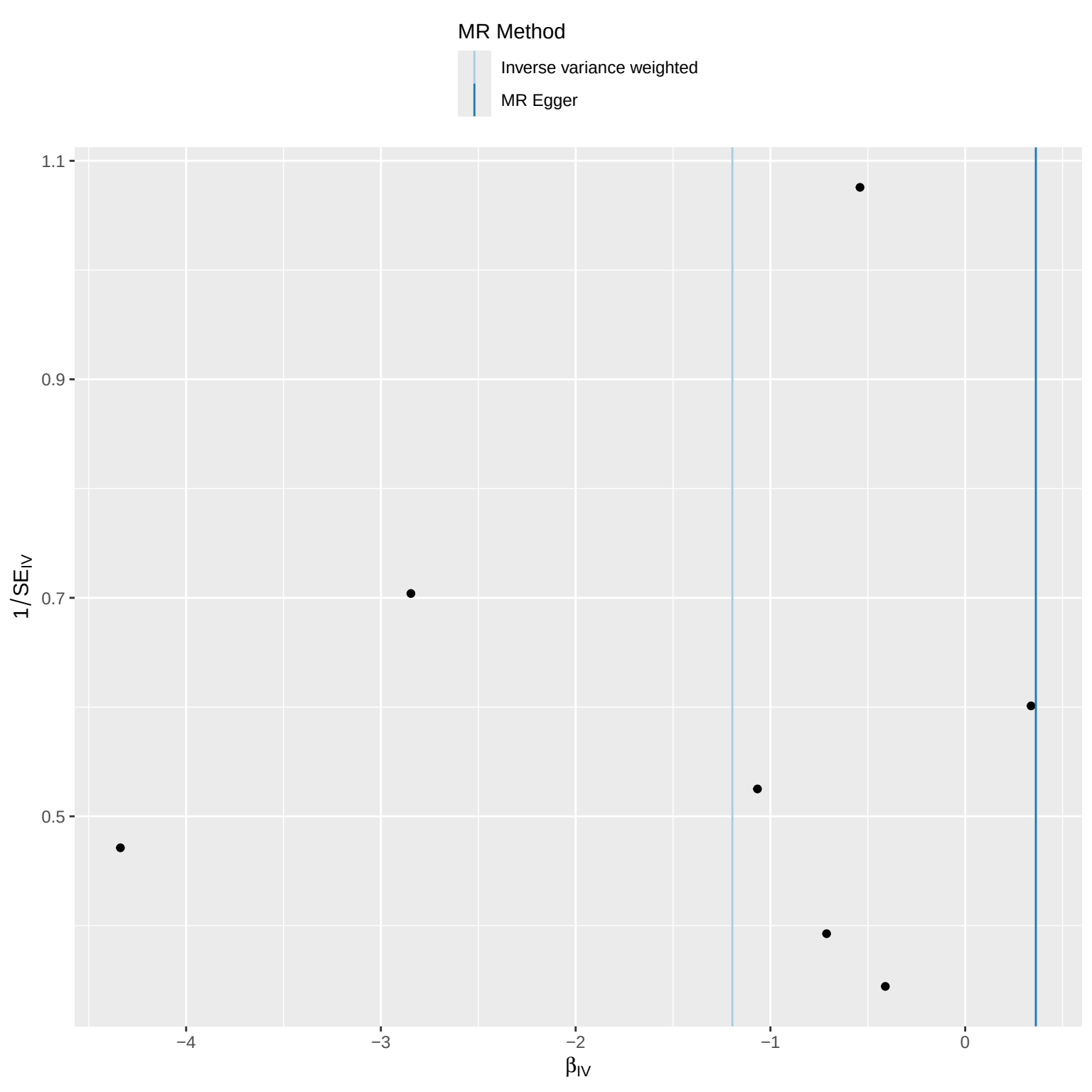

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−5
0
5
β_IV

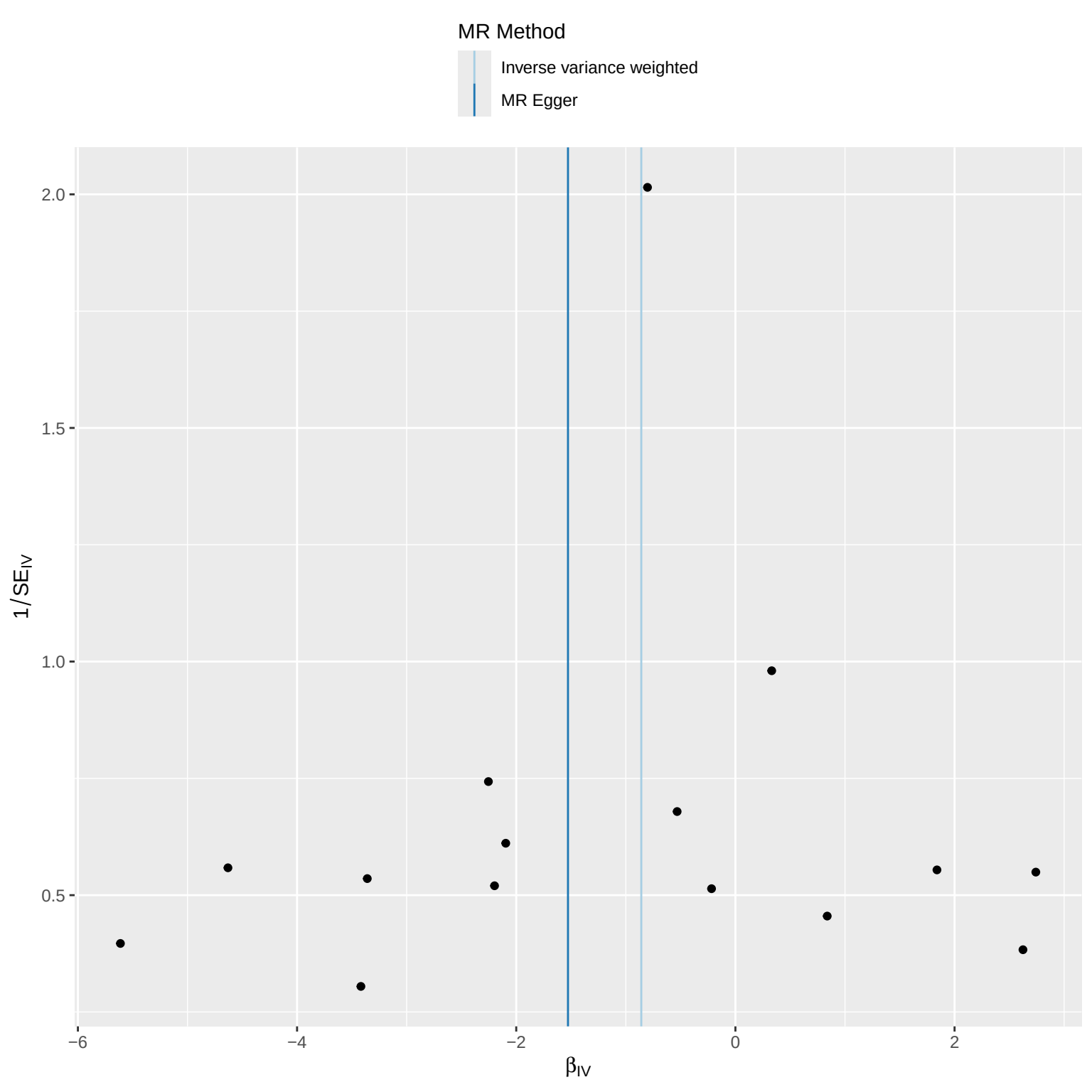

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
0
2
4
β_IV

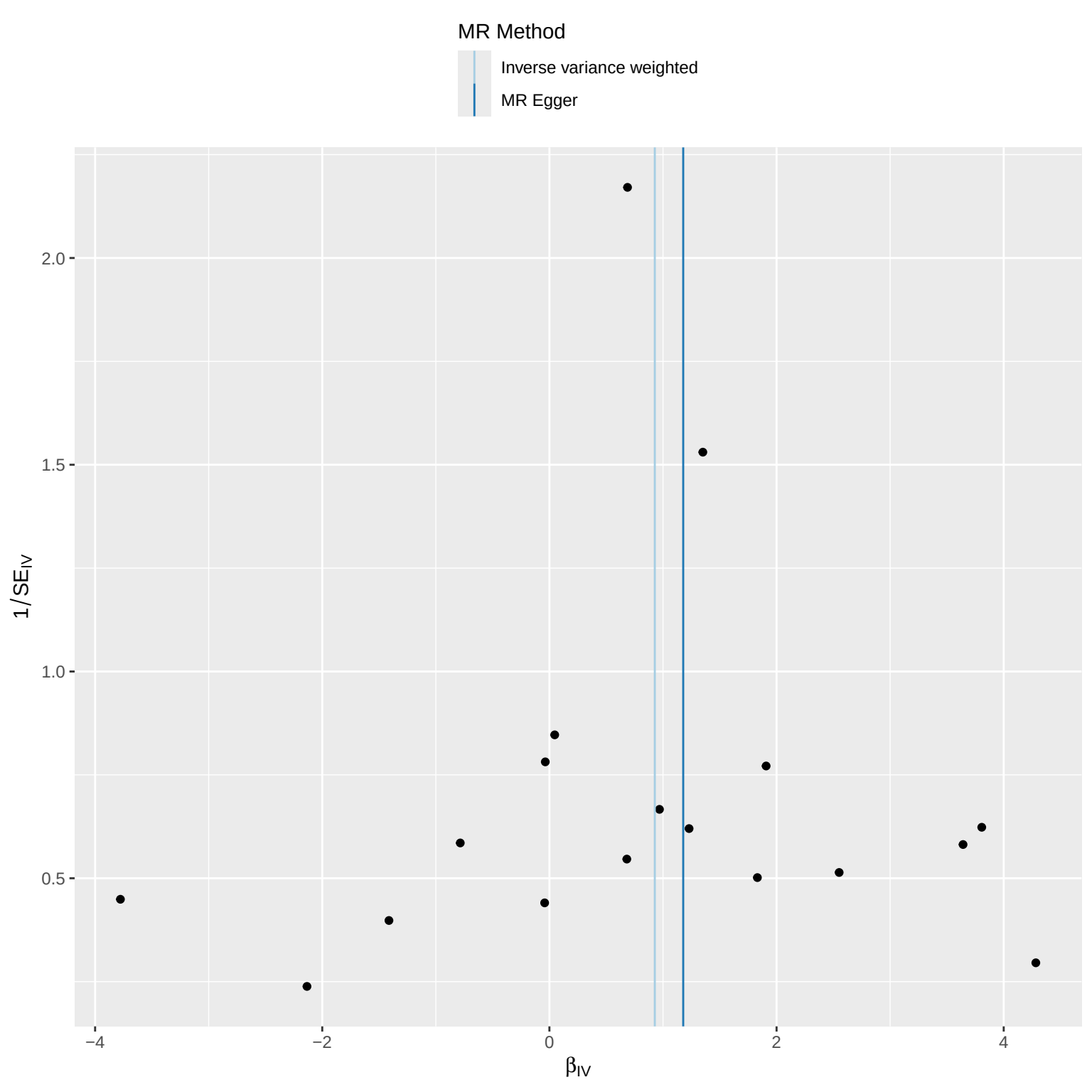

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

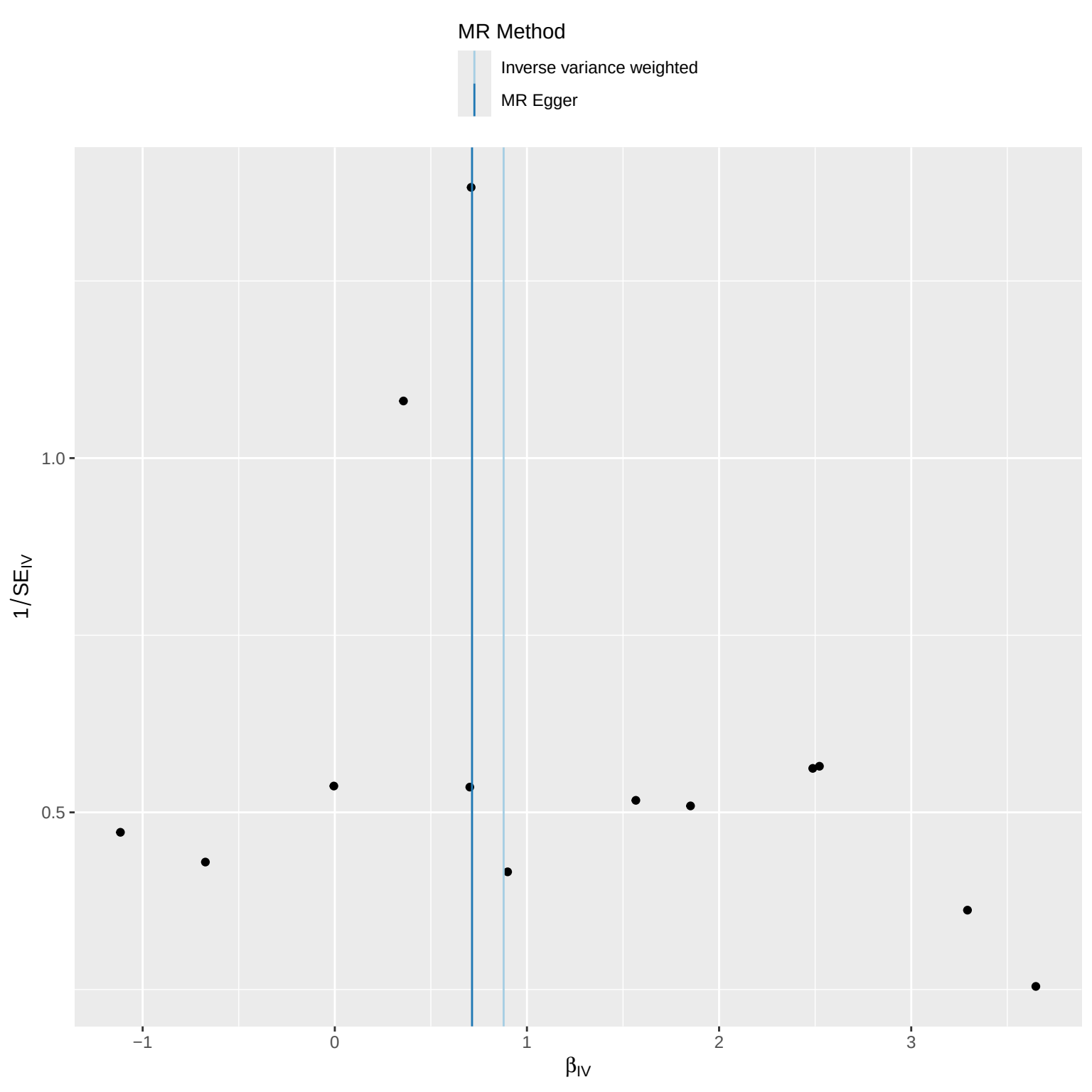

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

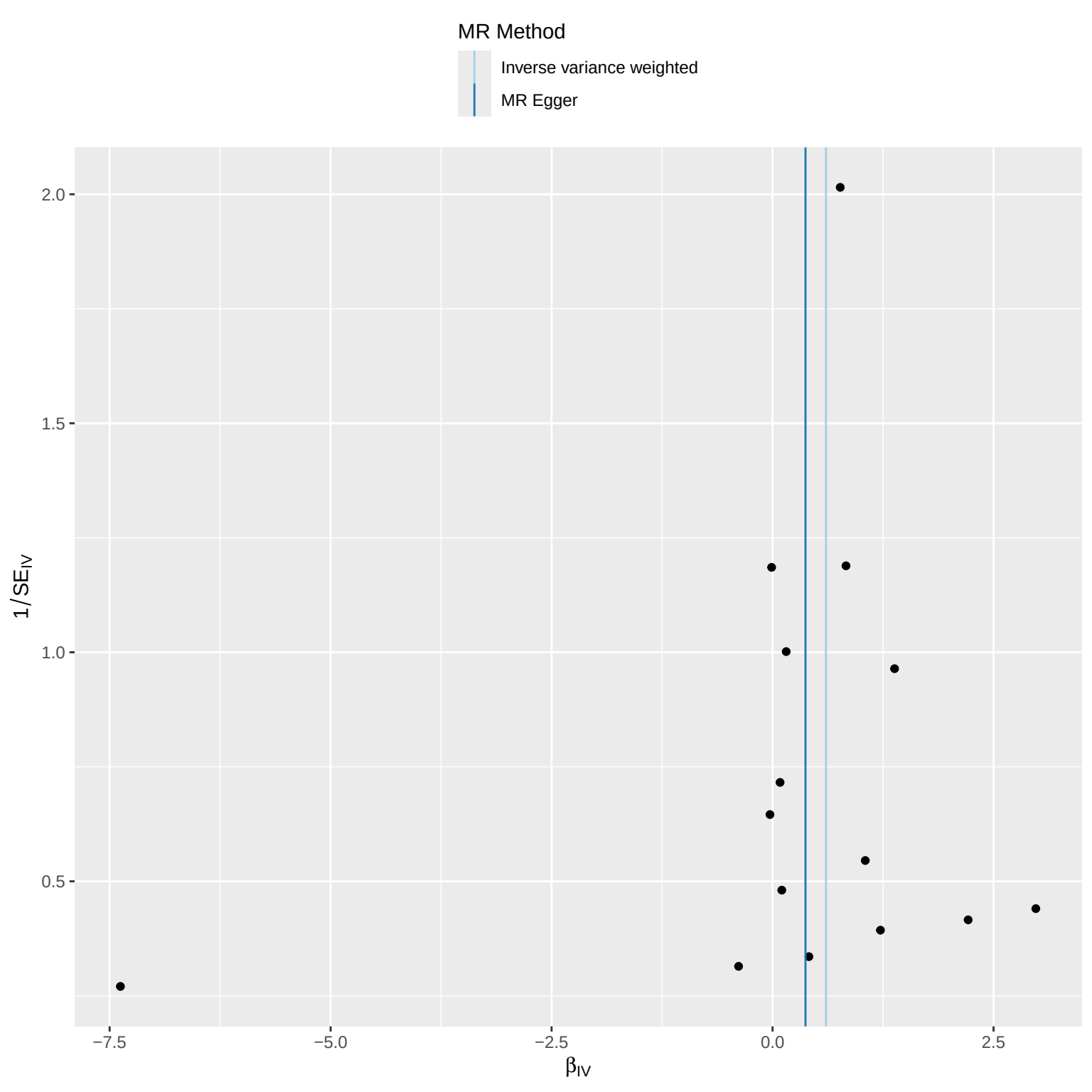

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

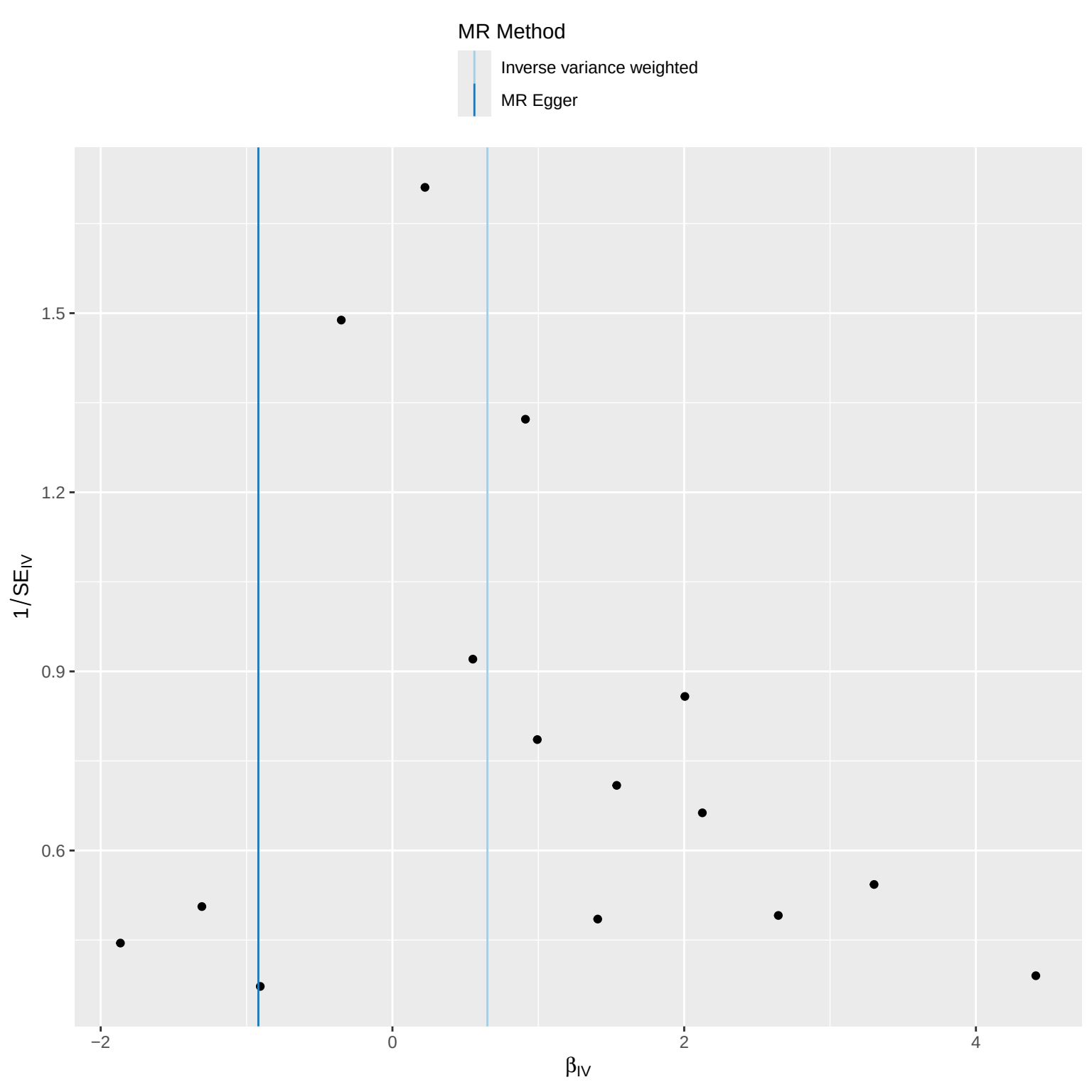

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

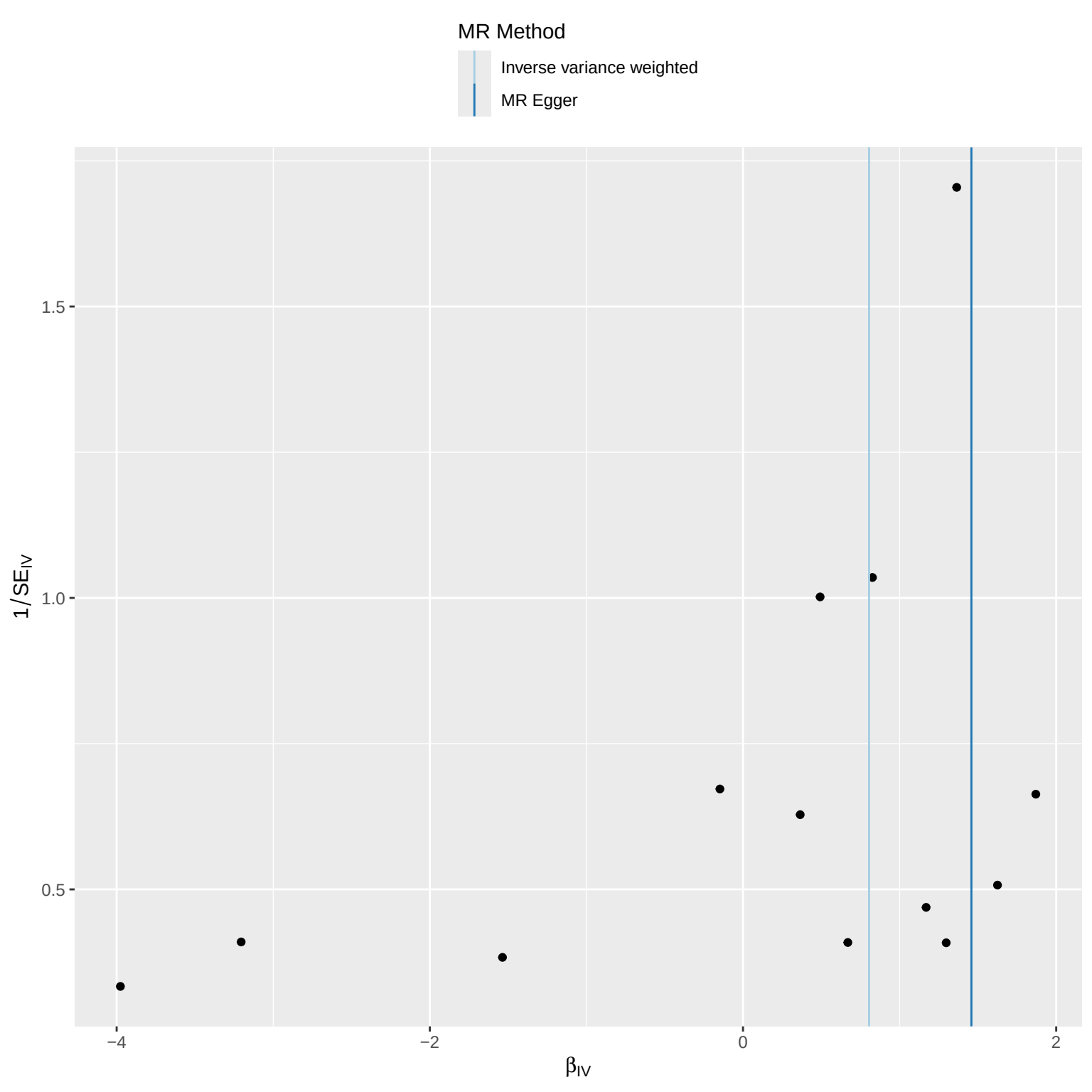

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

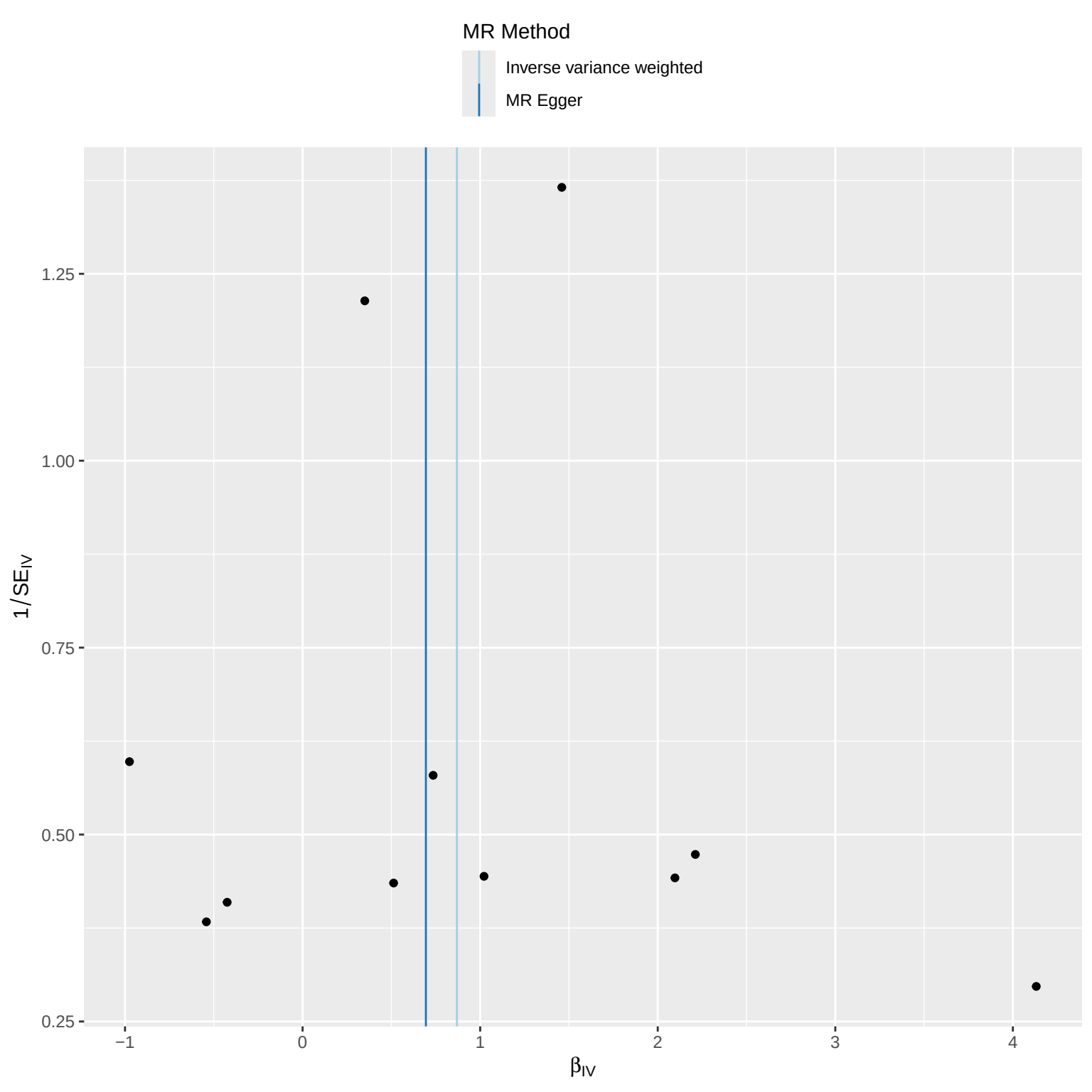

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

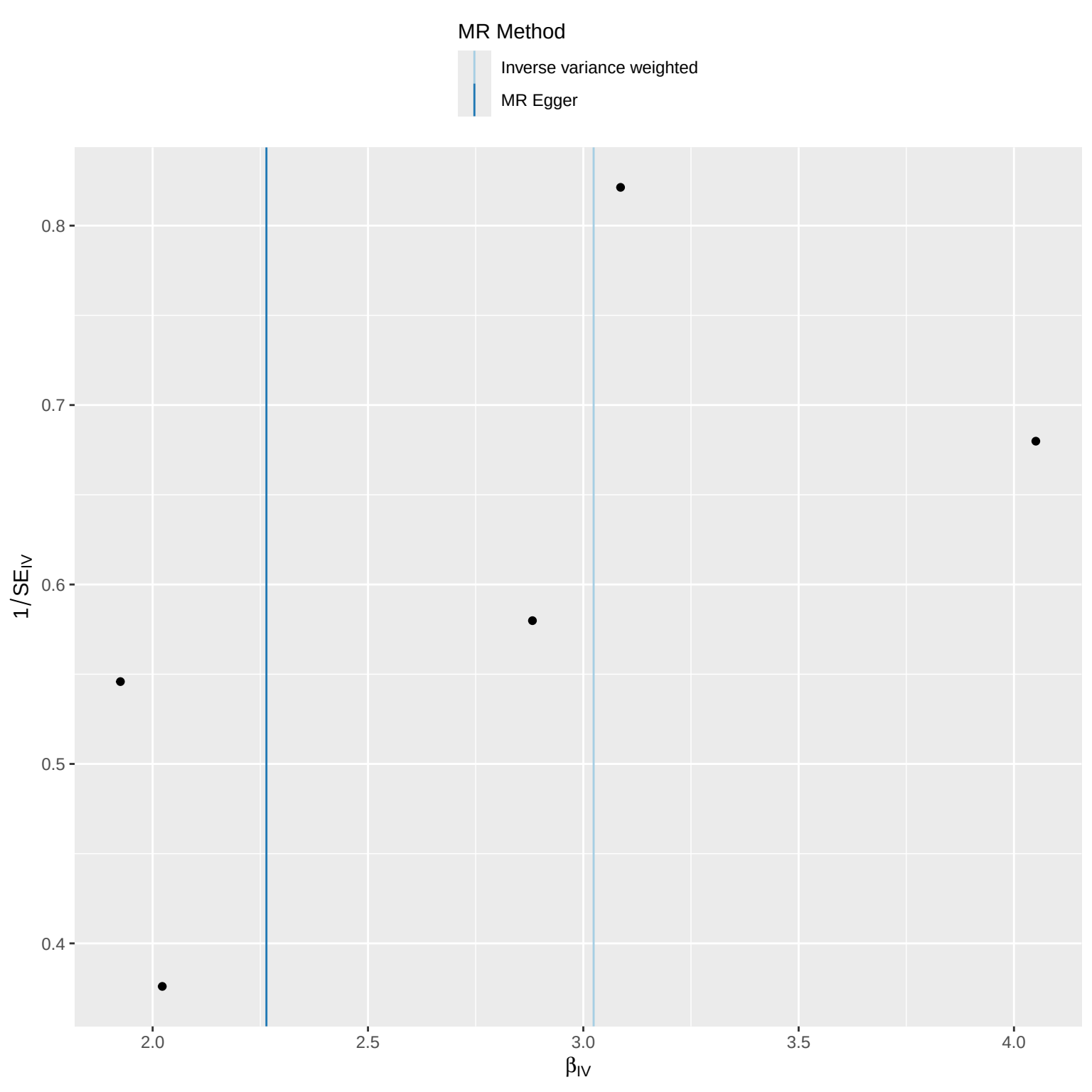

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

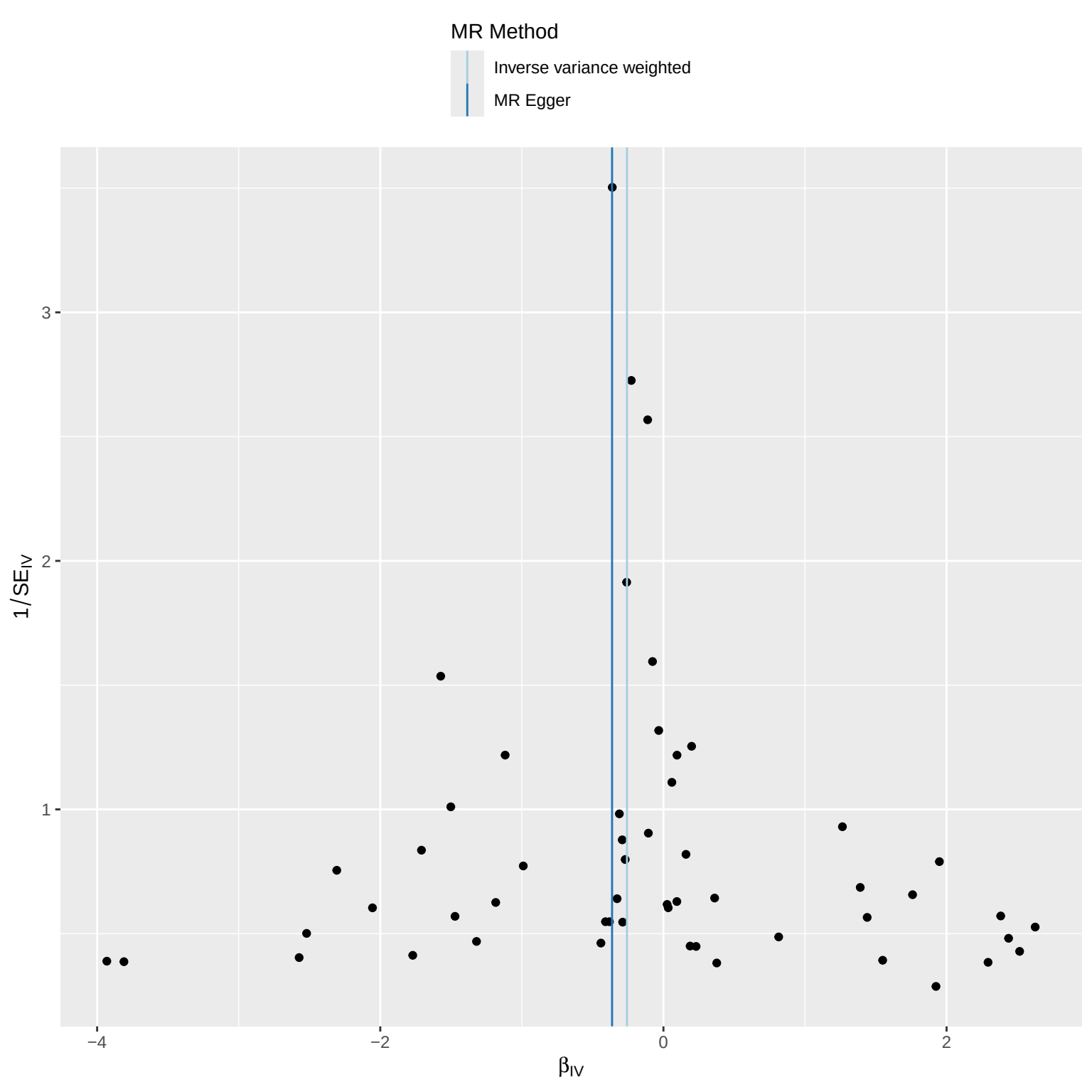

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
β_IV

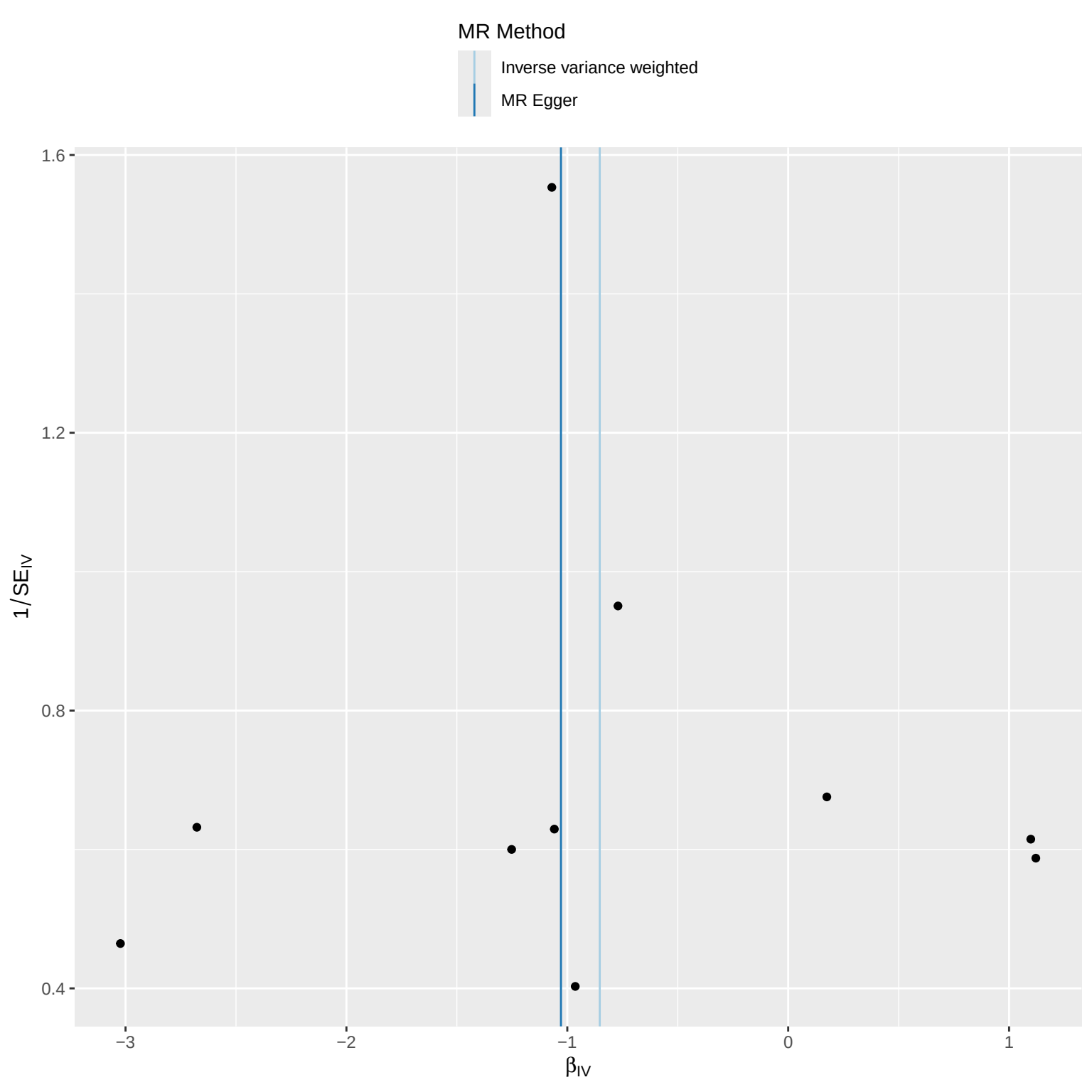

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
0
2
4
β_IV

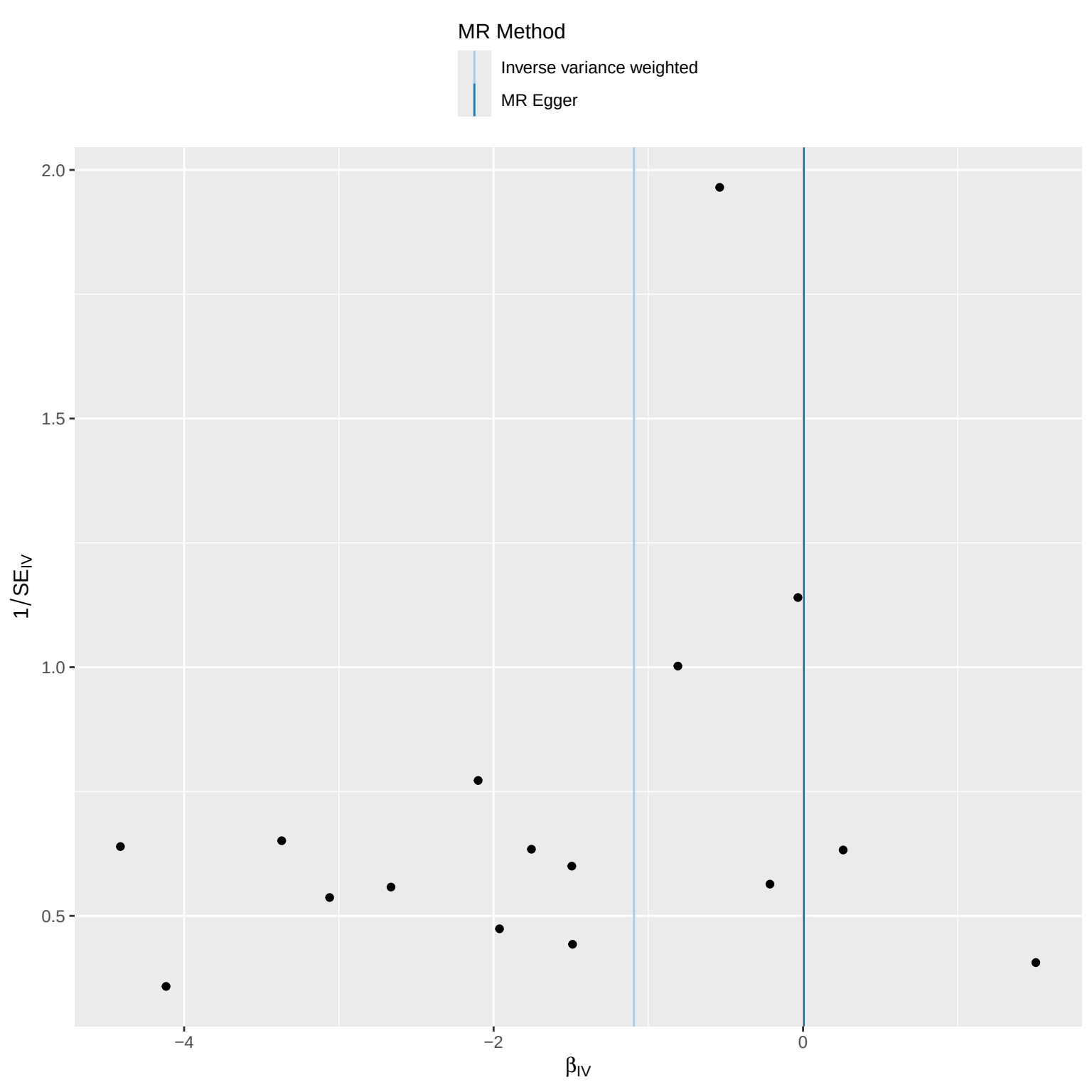

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

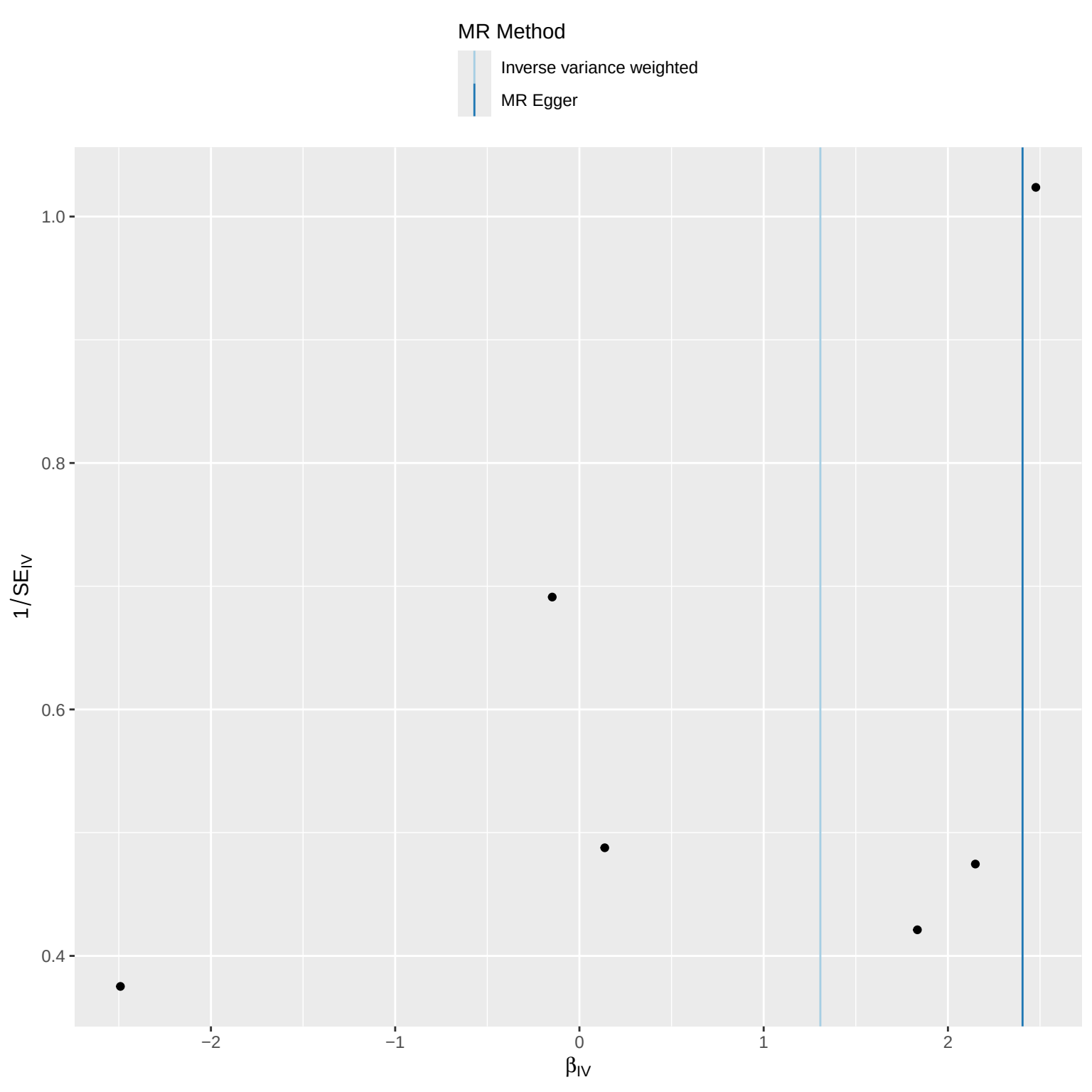

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−1
0
1
2
3
4
β_IV

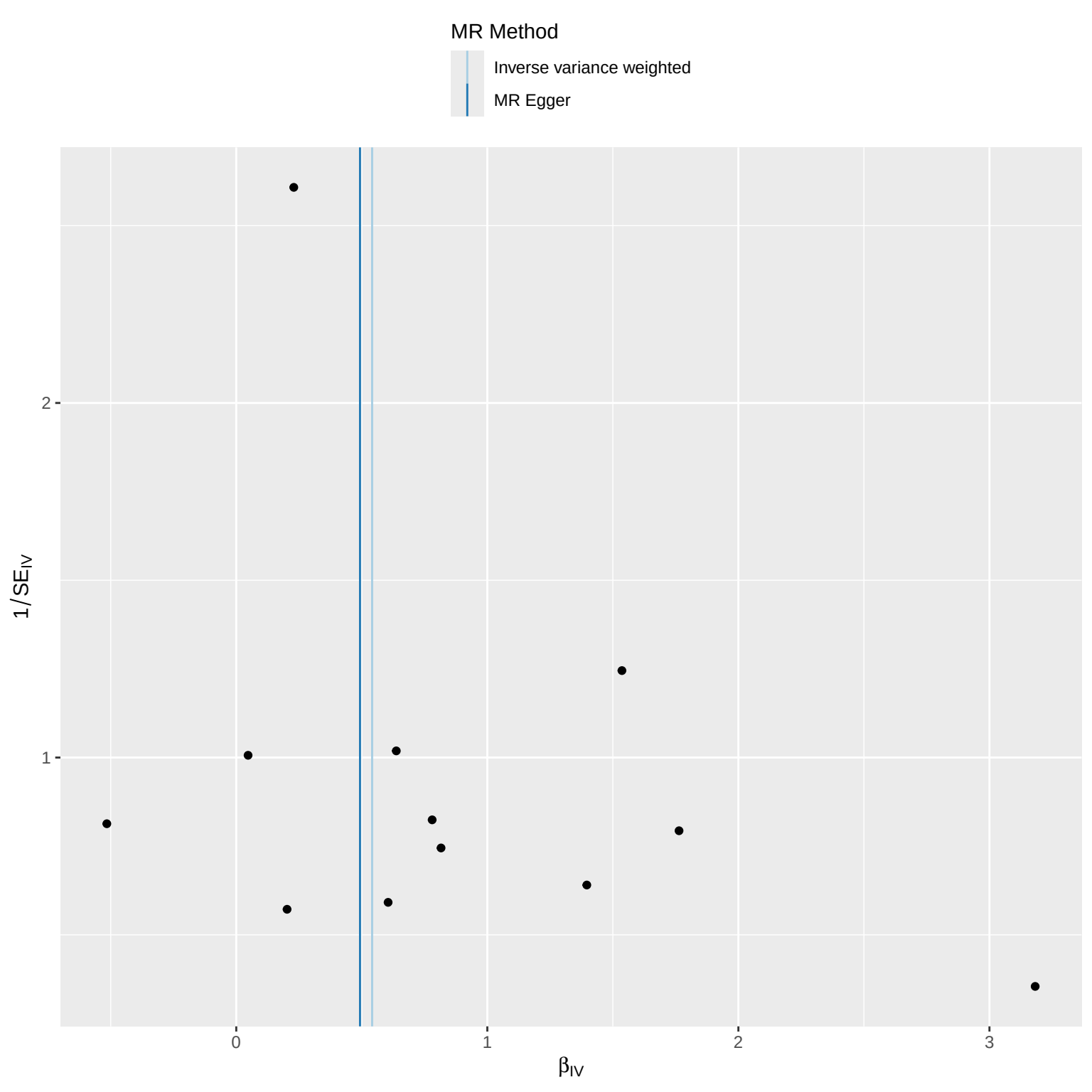

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
2.0
2.5
3.0
3.5
4.0
β_IV

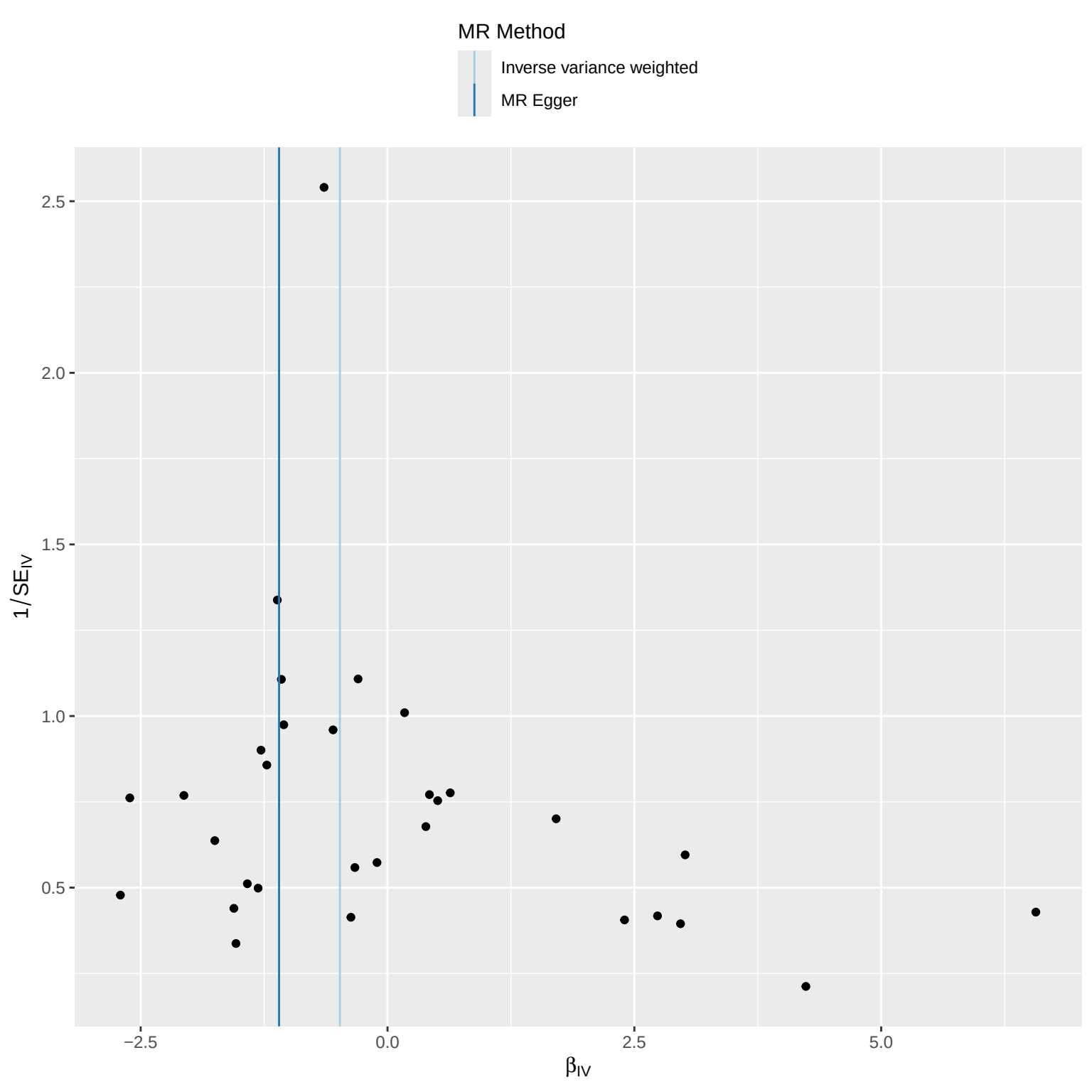

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

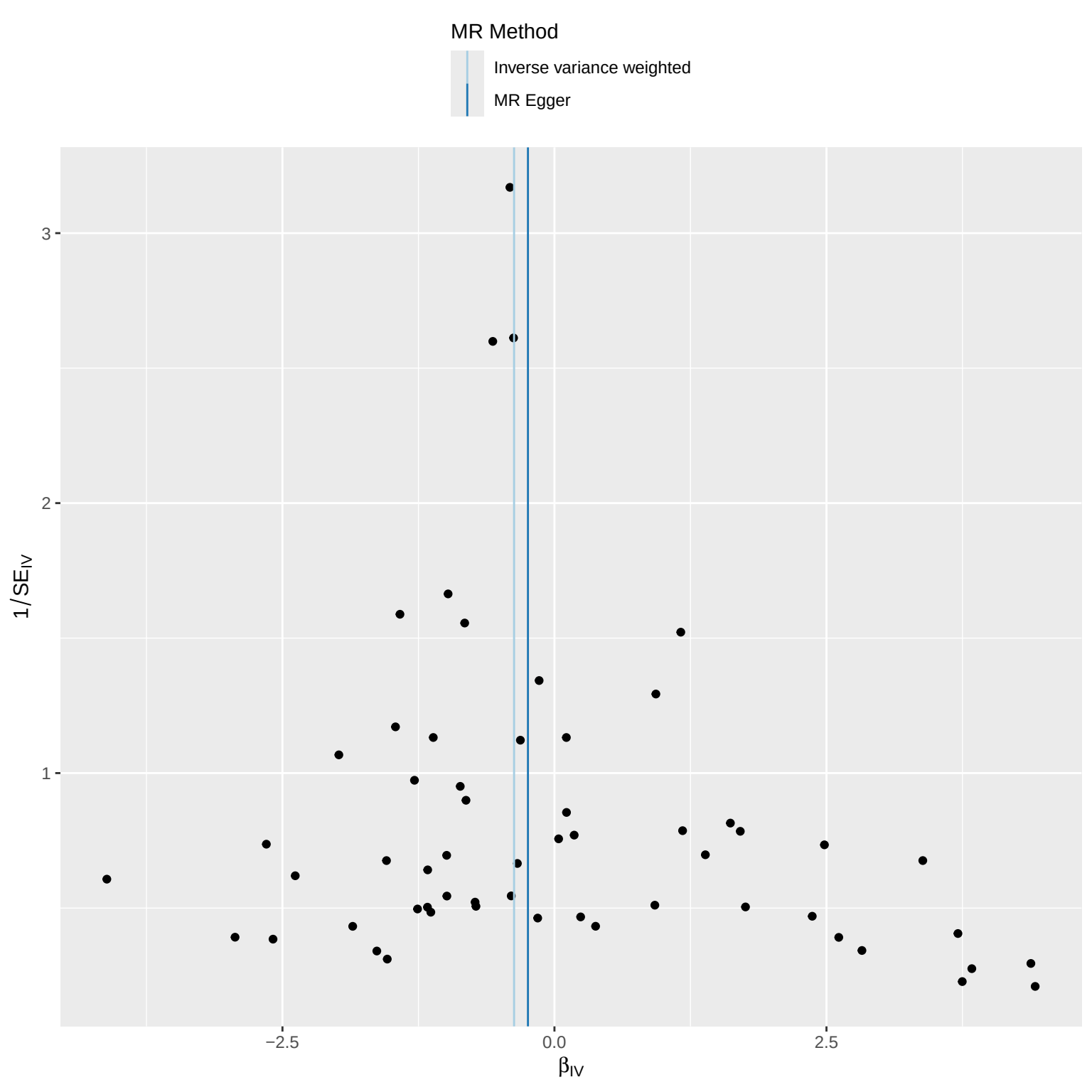

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

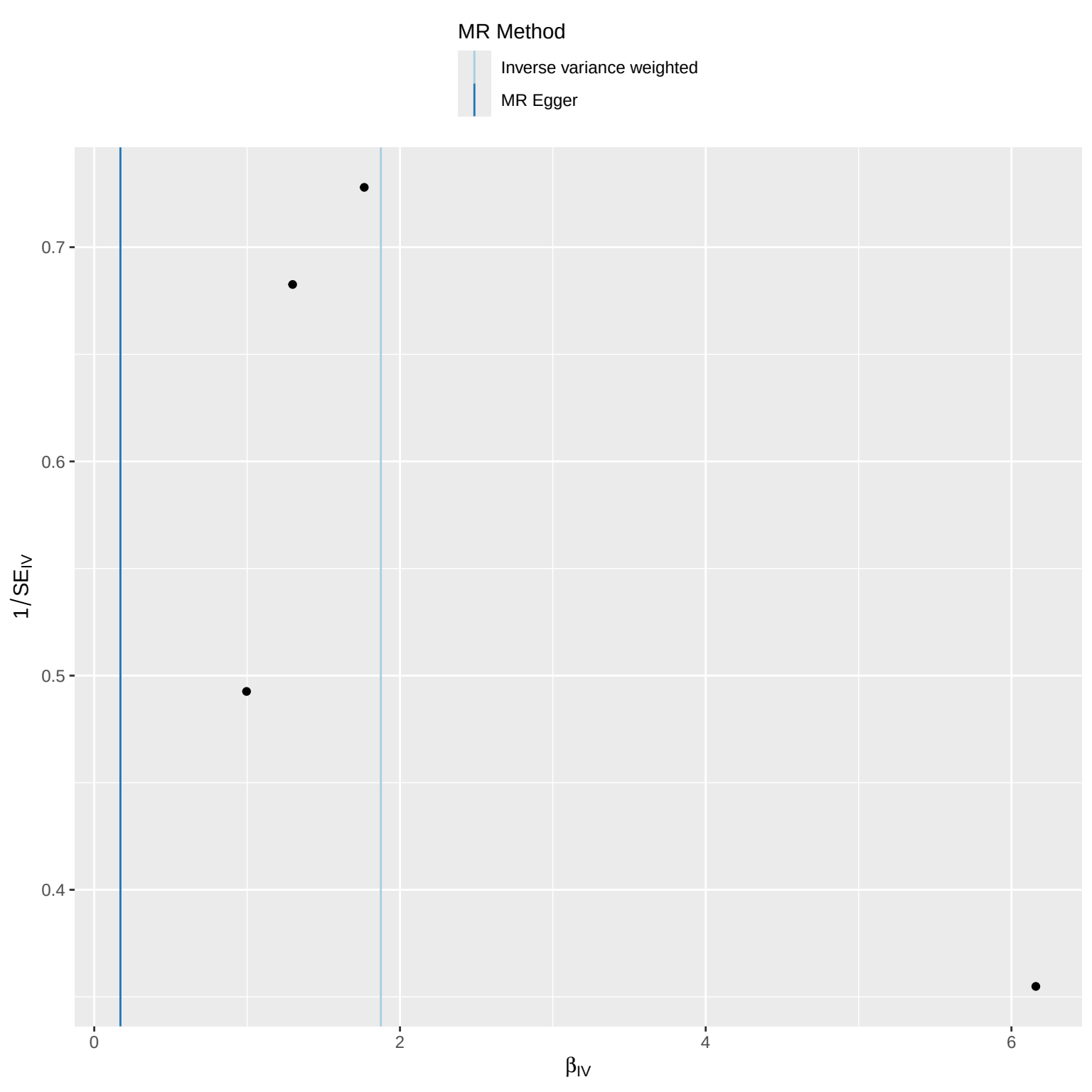

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

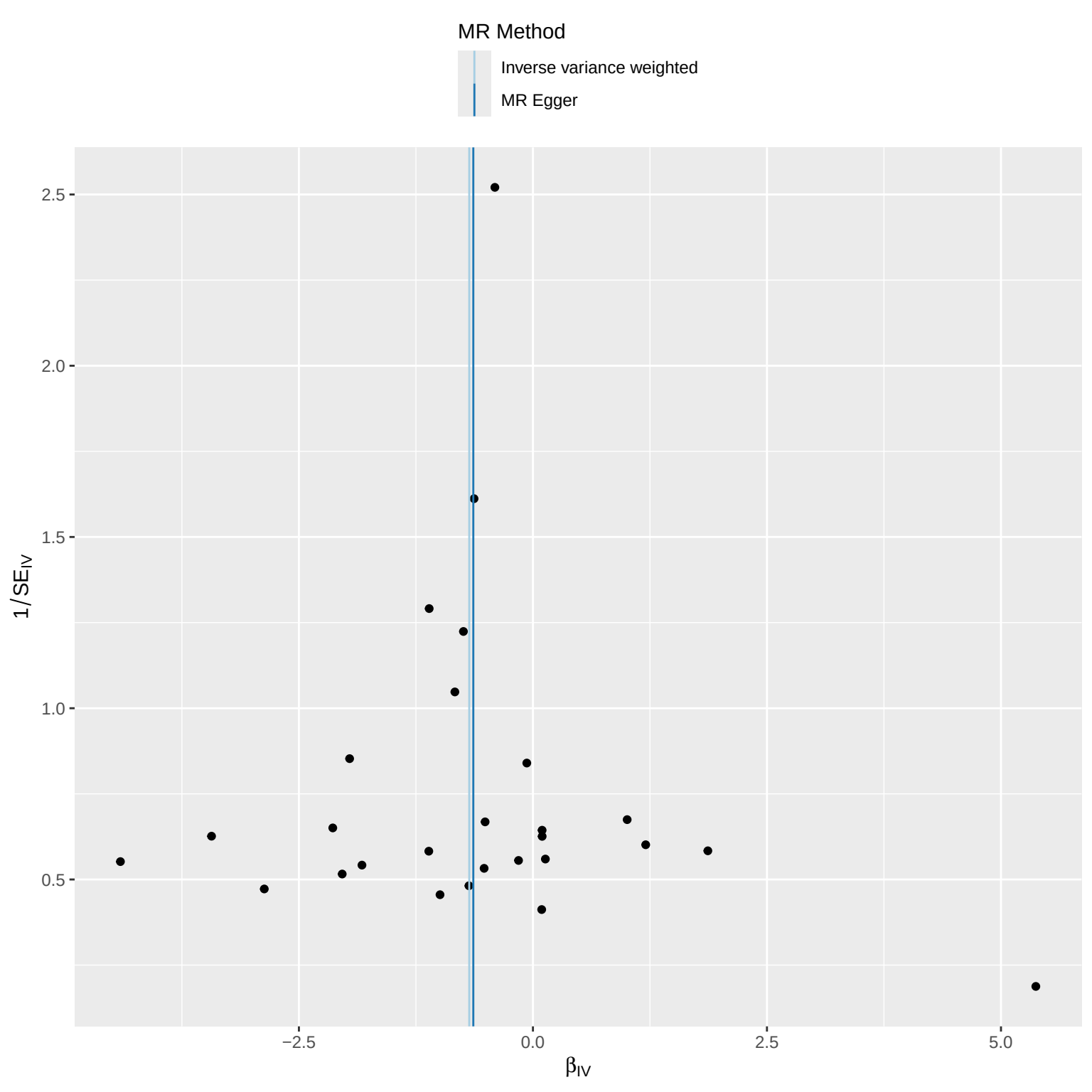

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

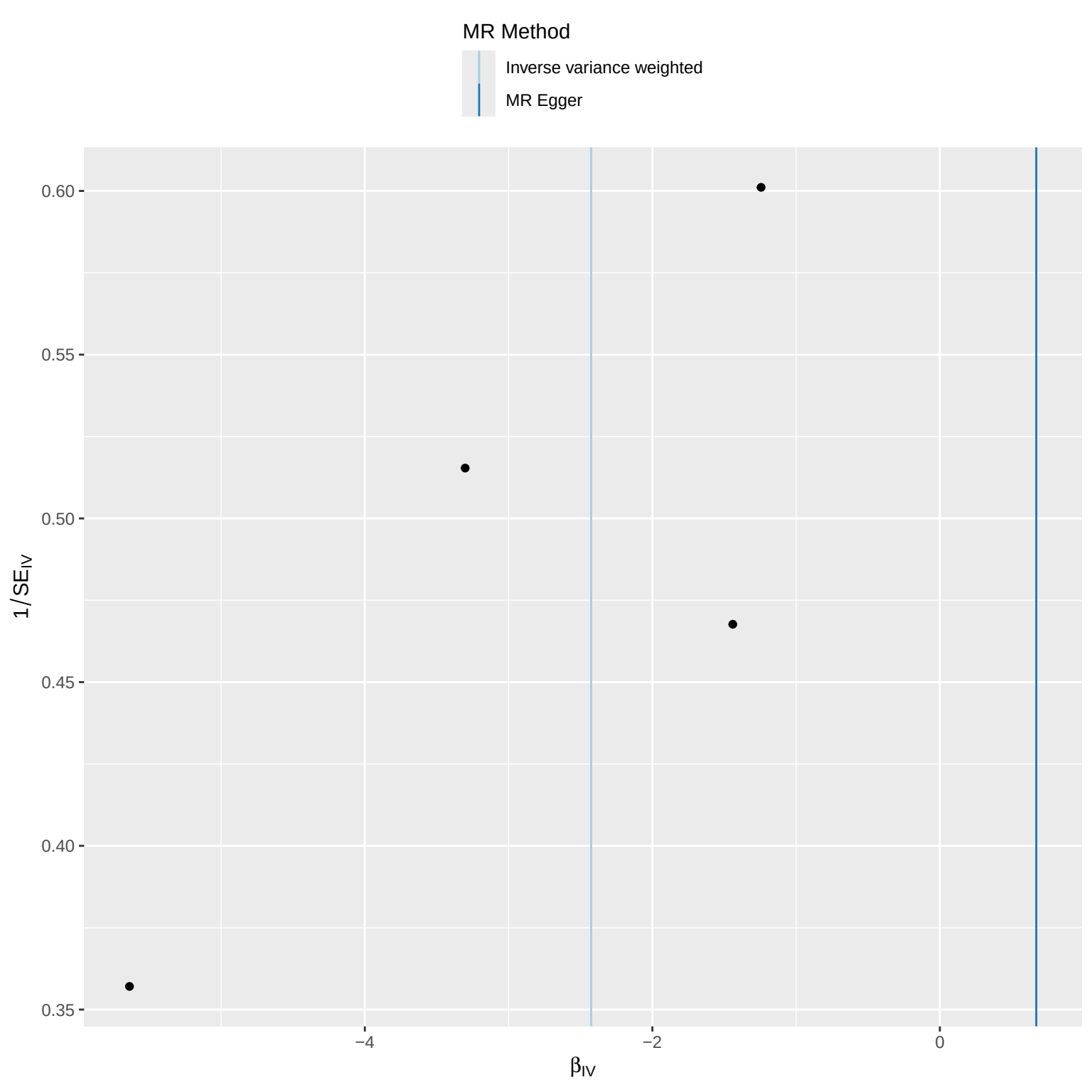

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0
1
2
3
β_IV

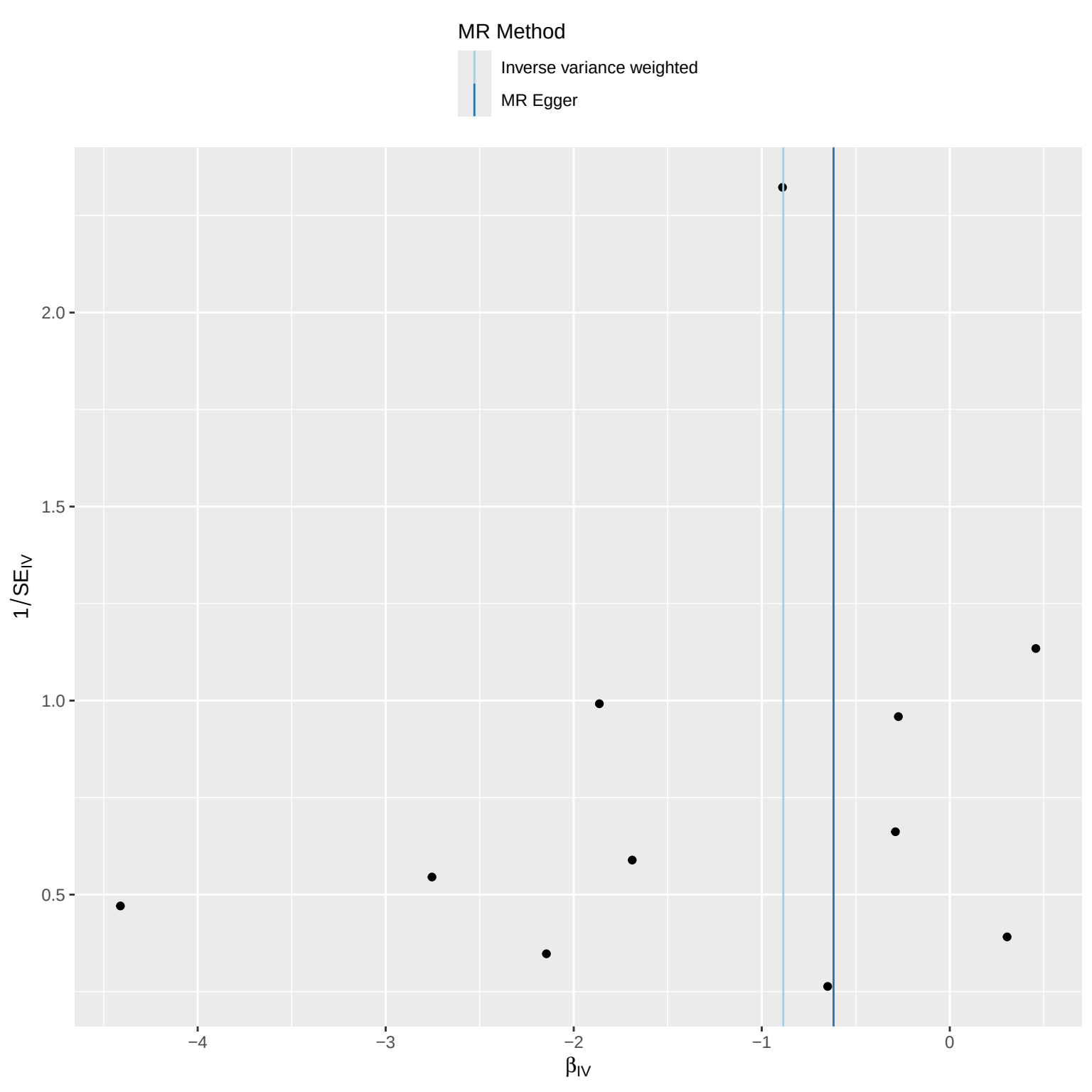

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

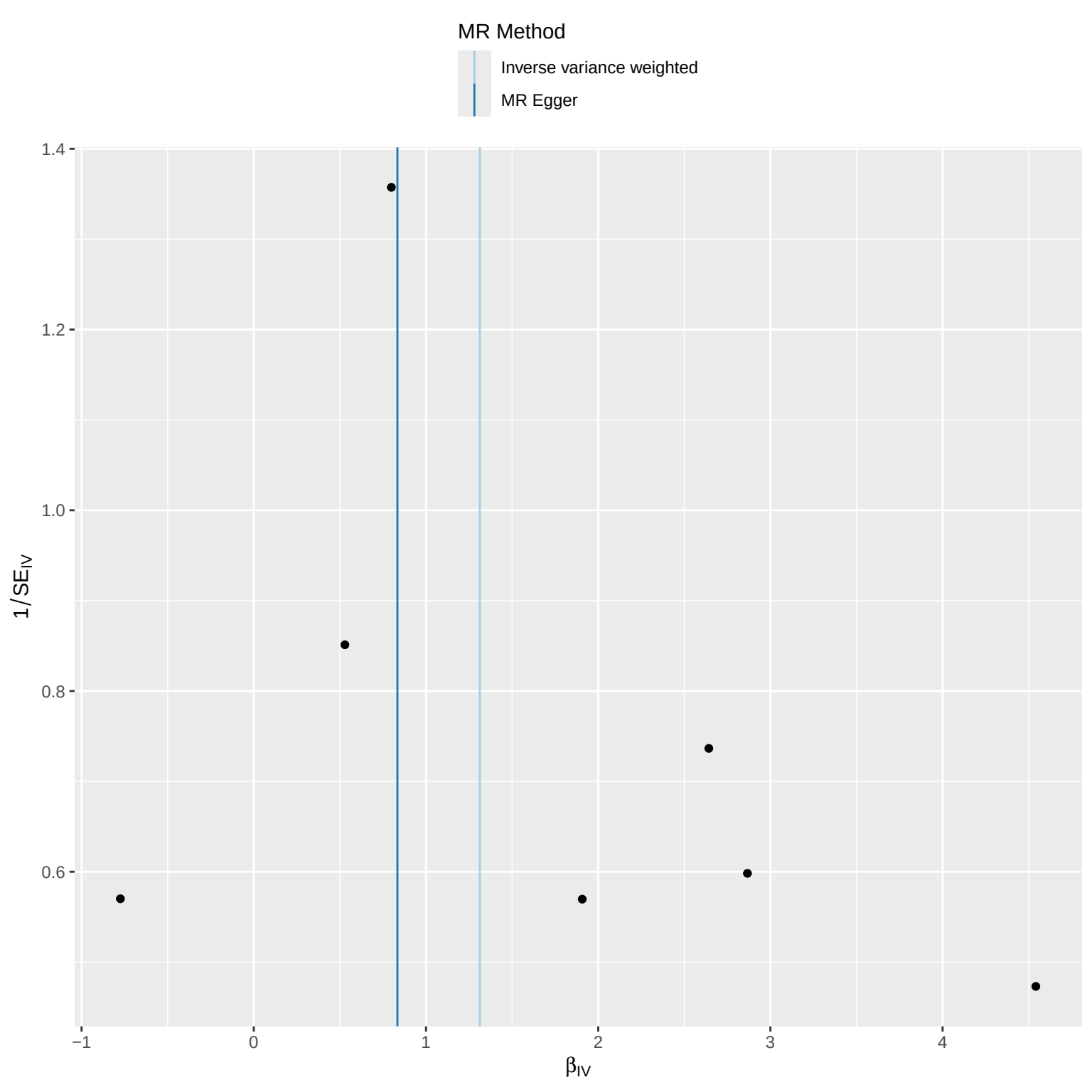

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

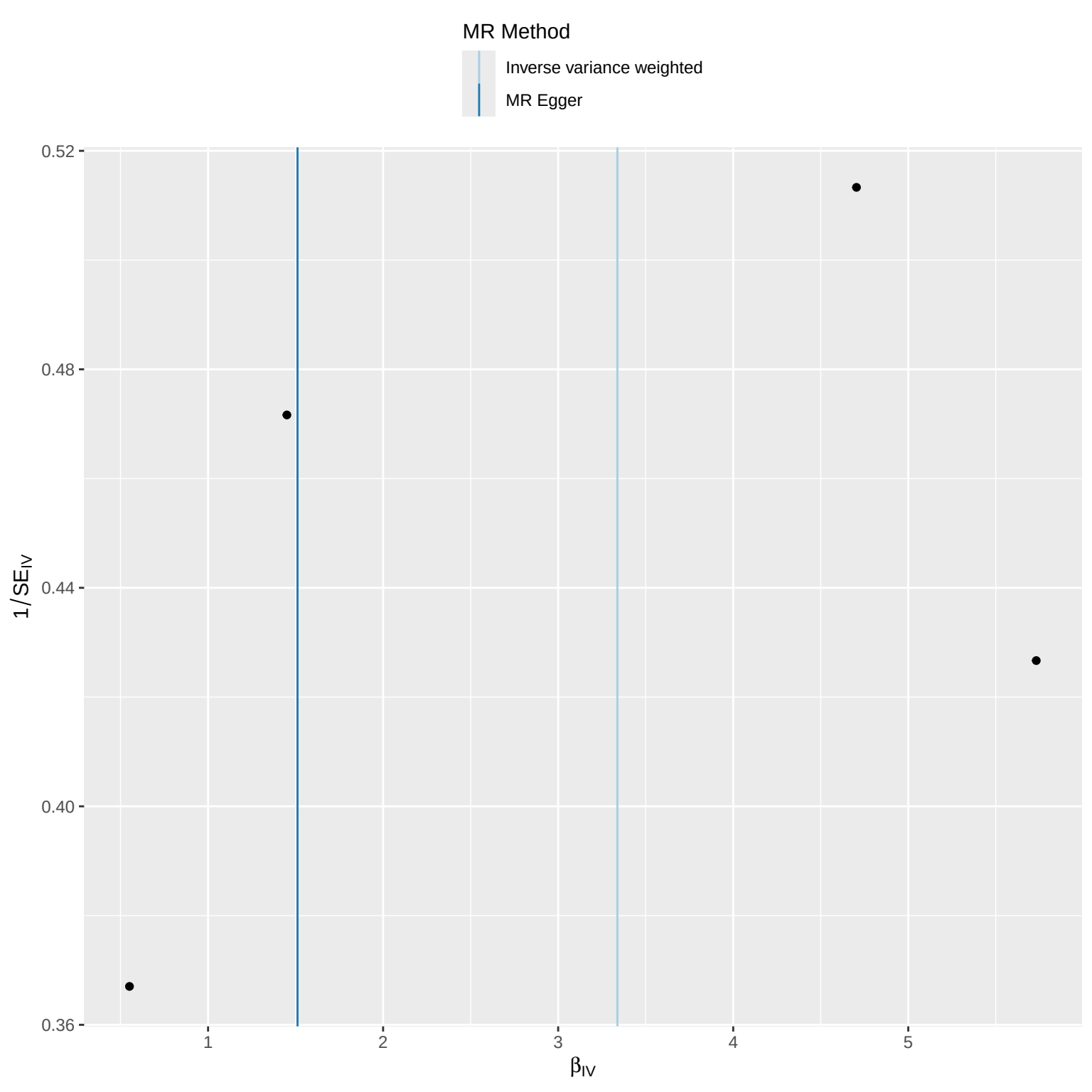

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
0
2
4
6
β_IV

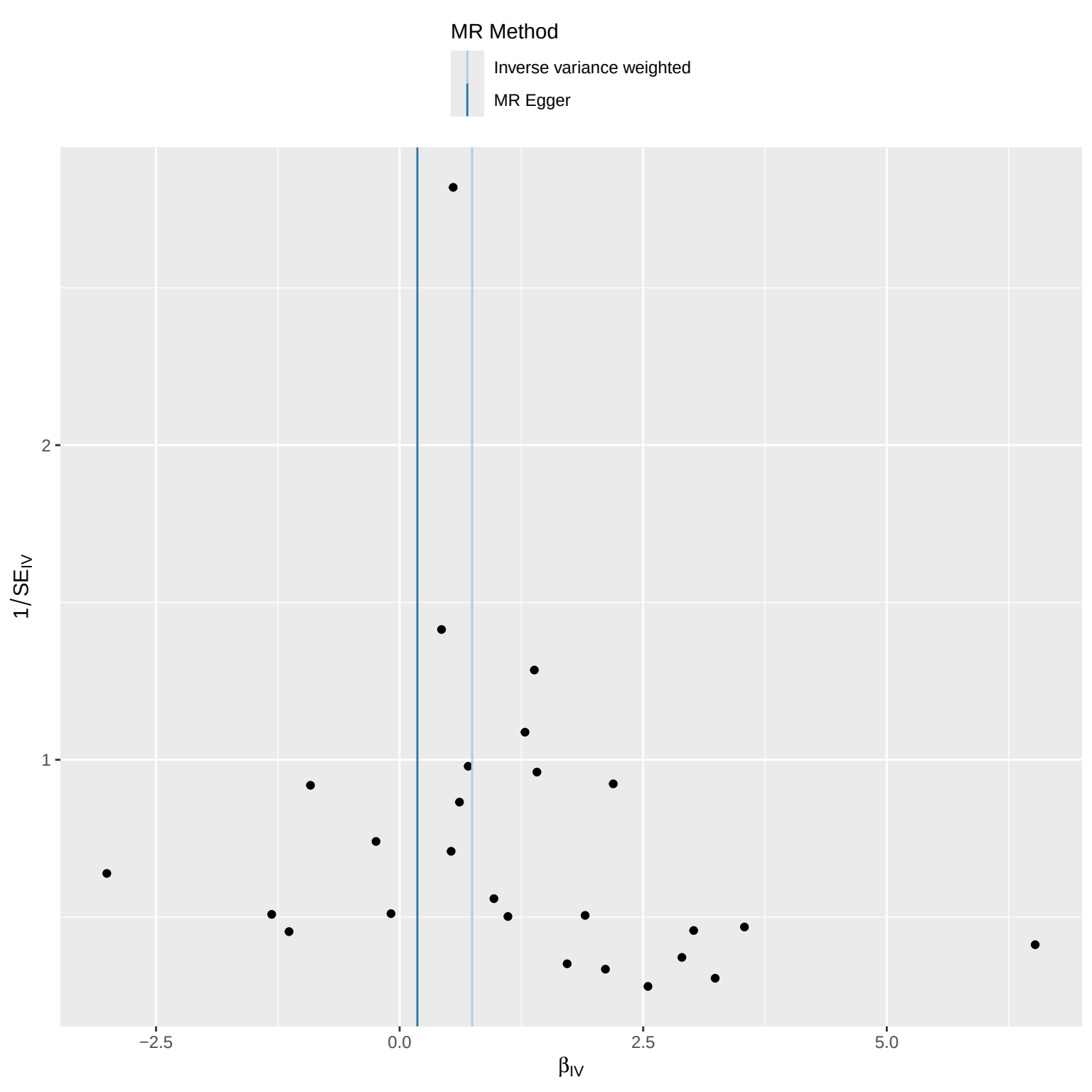

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

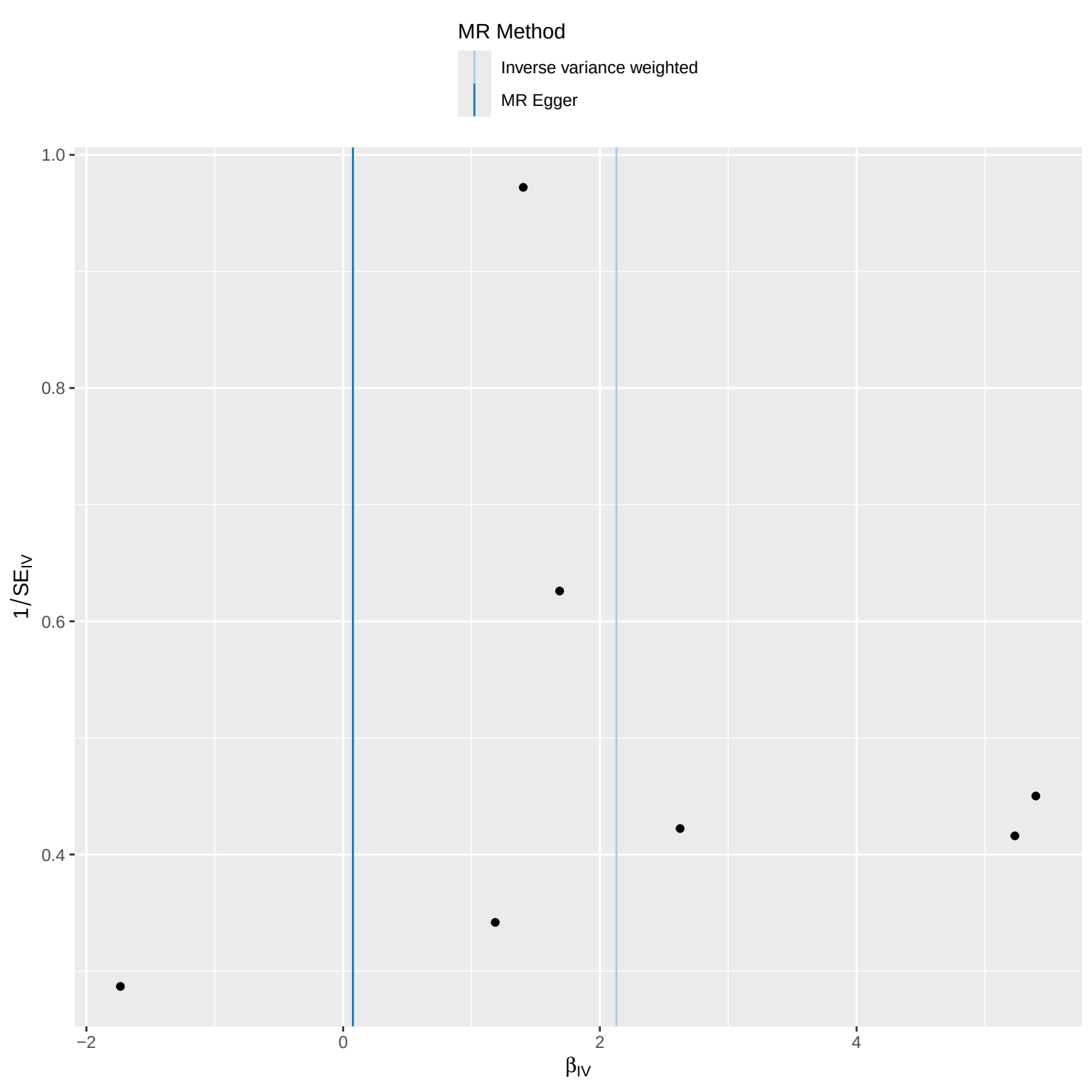

MR Method
Inverse variance weighted
MR Egger
0.60
0.55
0.50
0.45
0.40
0.35
1/SE_IV
−4
−2
0
β_IV

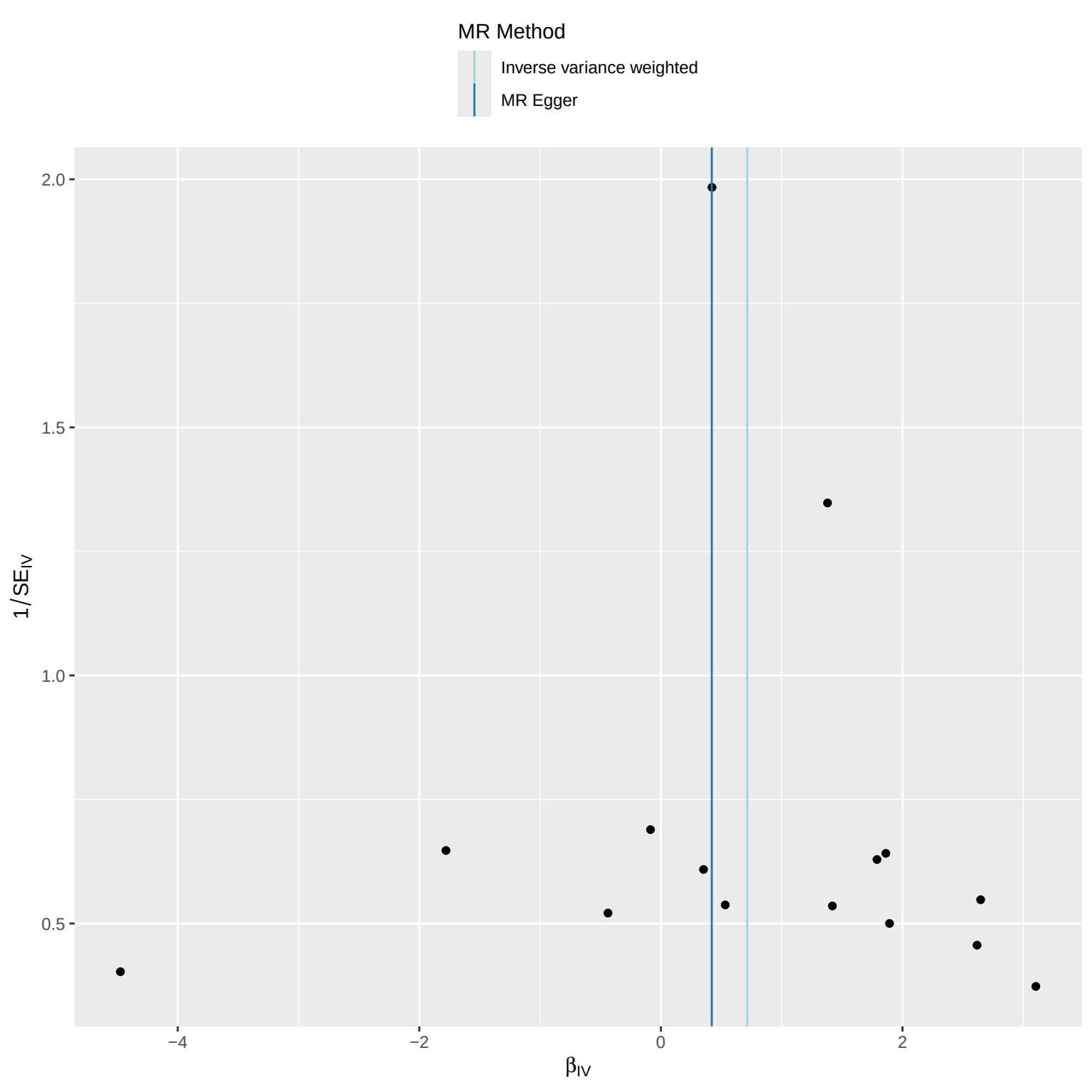

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

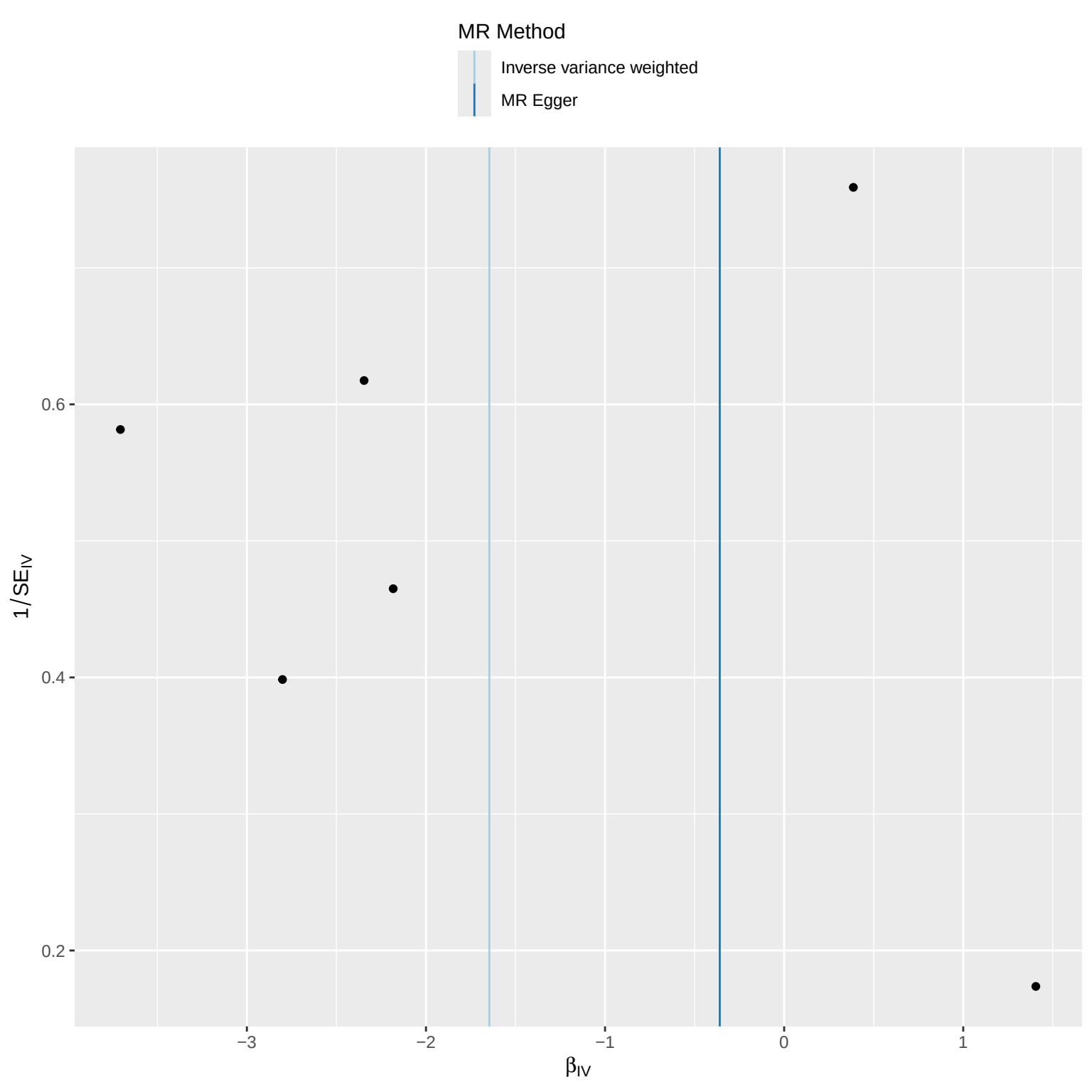

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
2
3
4
β_IV

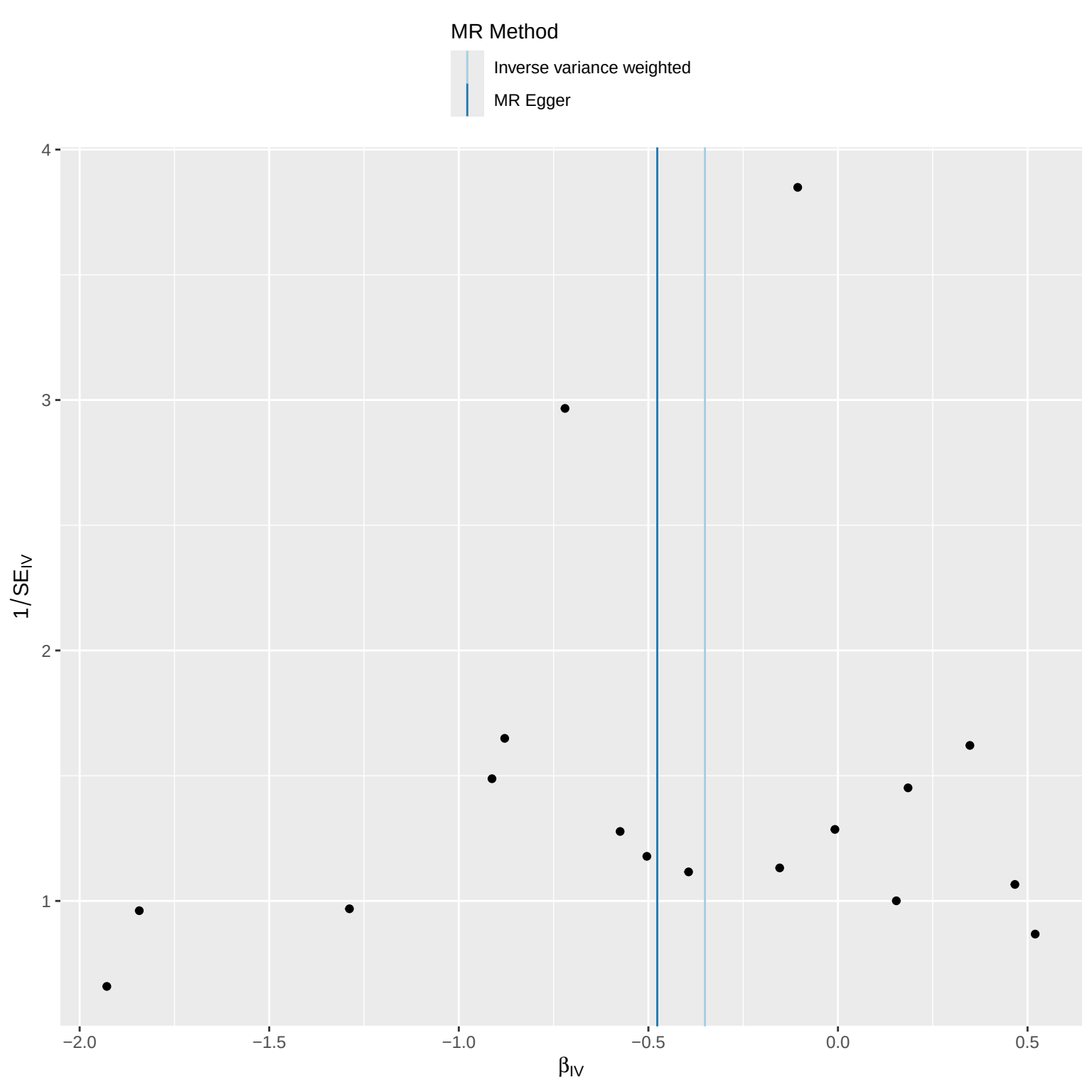

MR Method
Inverse variance weighted
MR Egger
0.52
0.48
0.44
0.40
0.36
1/SE_IV
1
2
3
4
5
β_IV

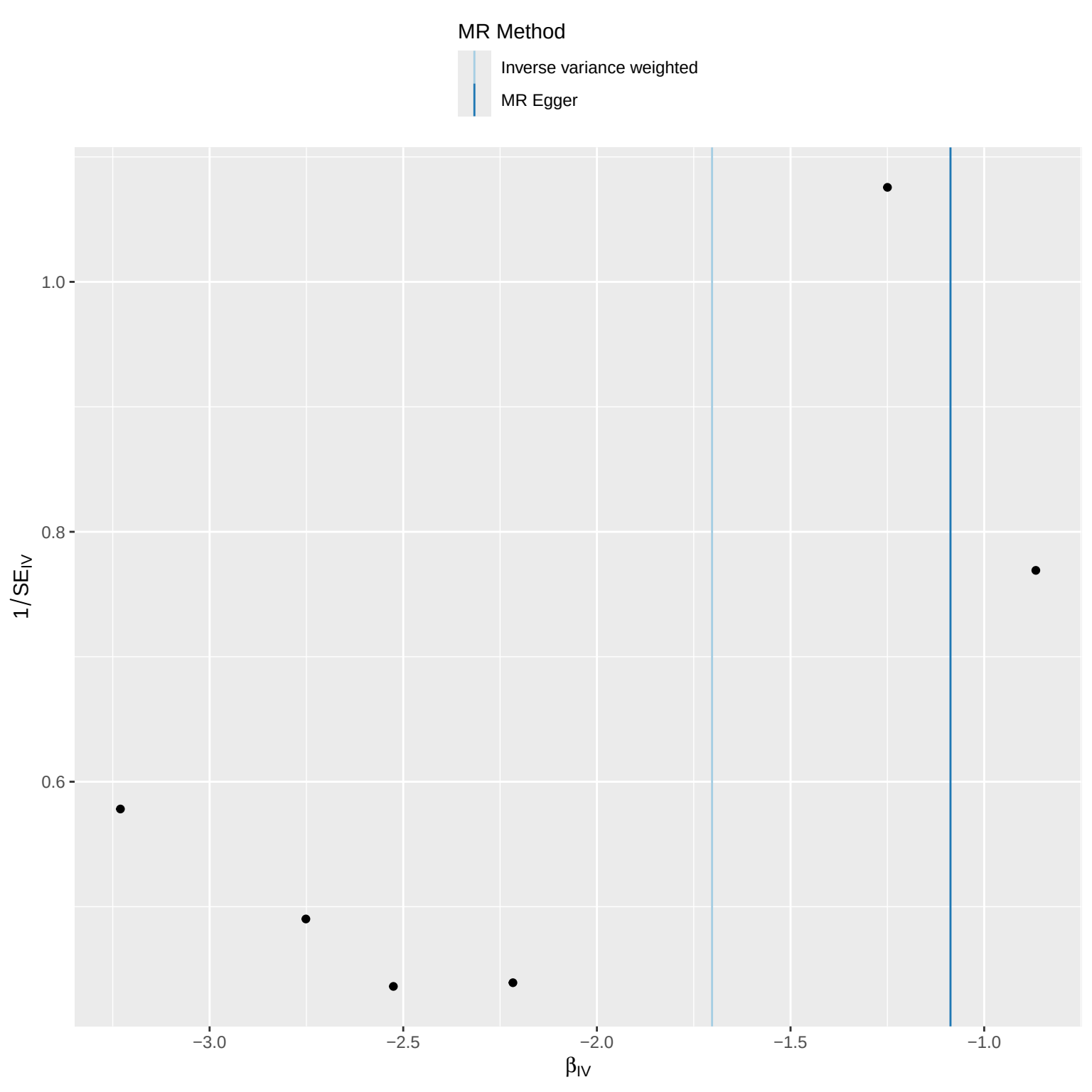

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

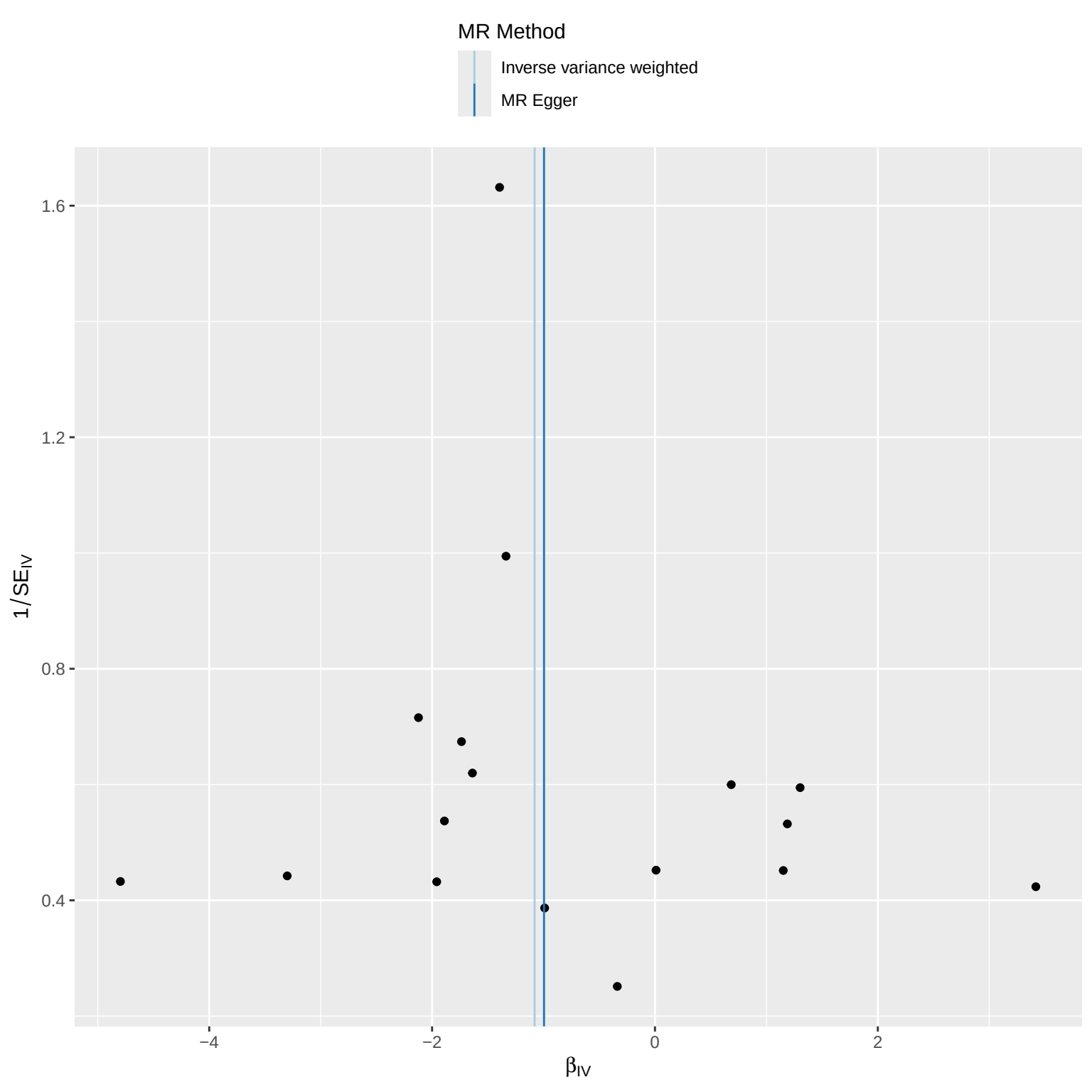

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
4
β_IV

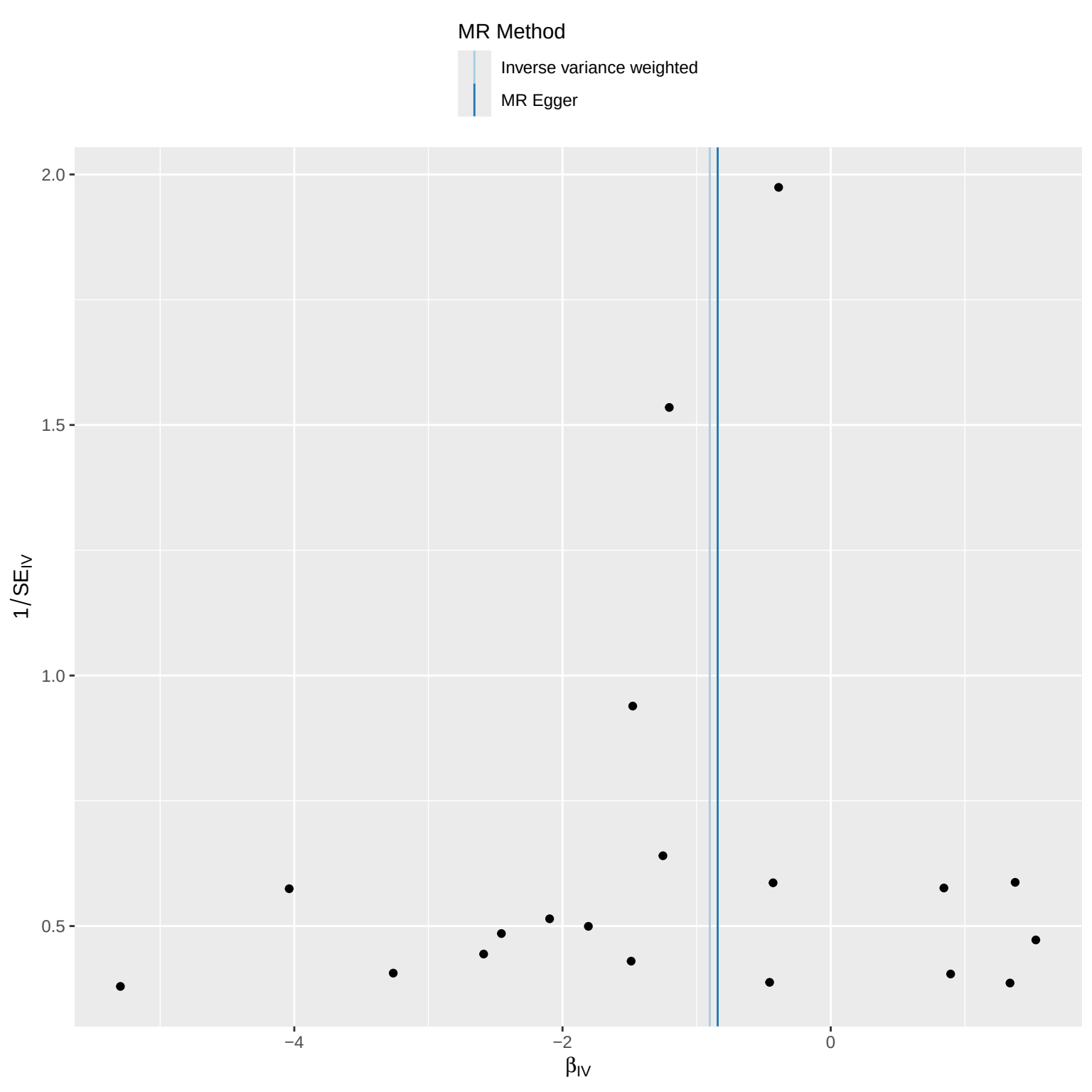

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

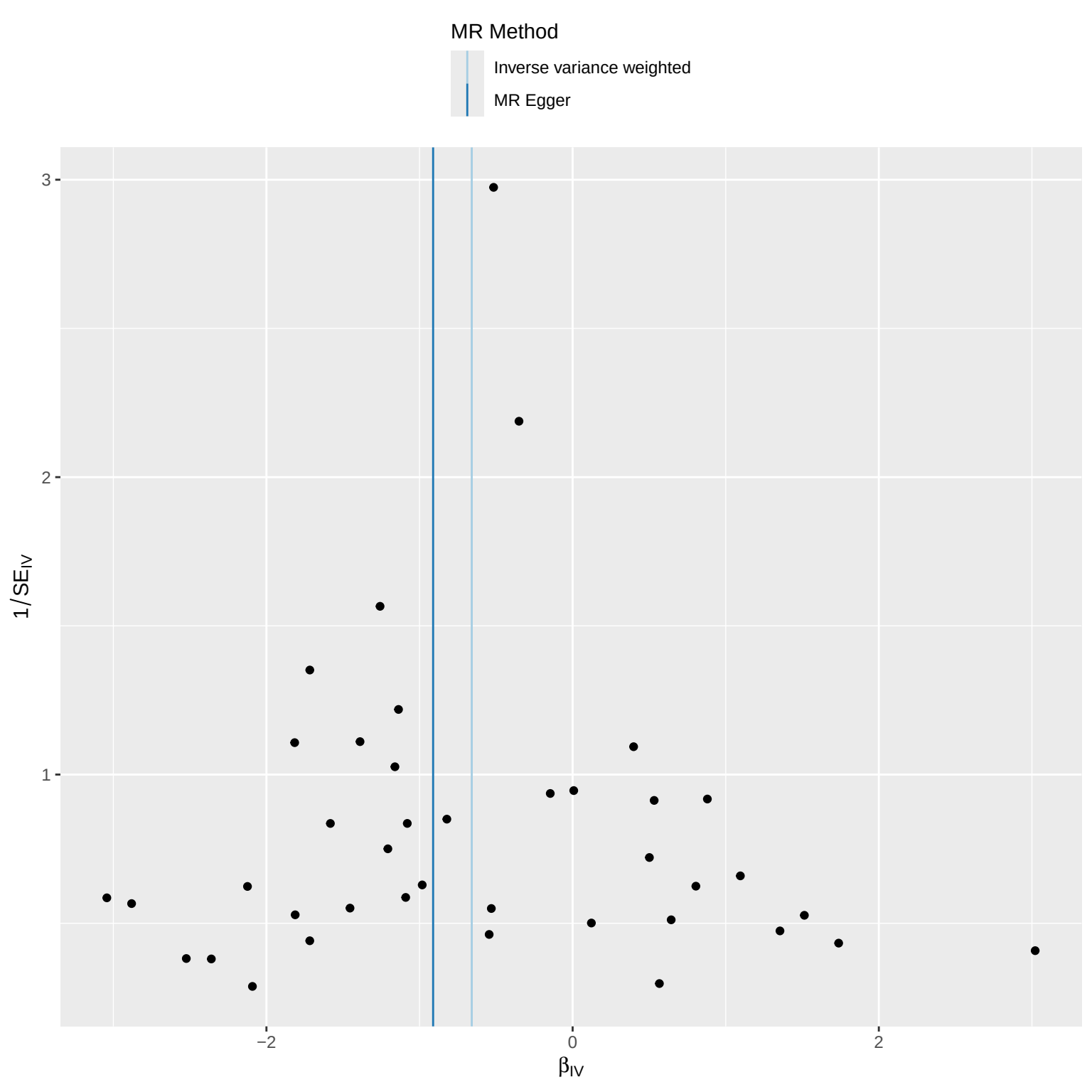

MR Method
Inverse variance weighted
MR Egger
0.6
0.4
0.2
1/SE_IV
−3
−2
−1
0
1
β_IV

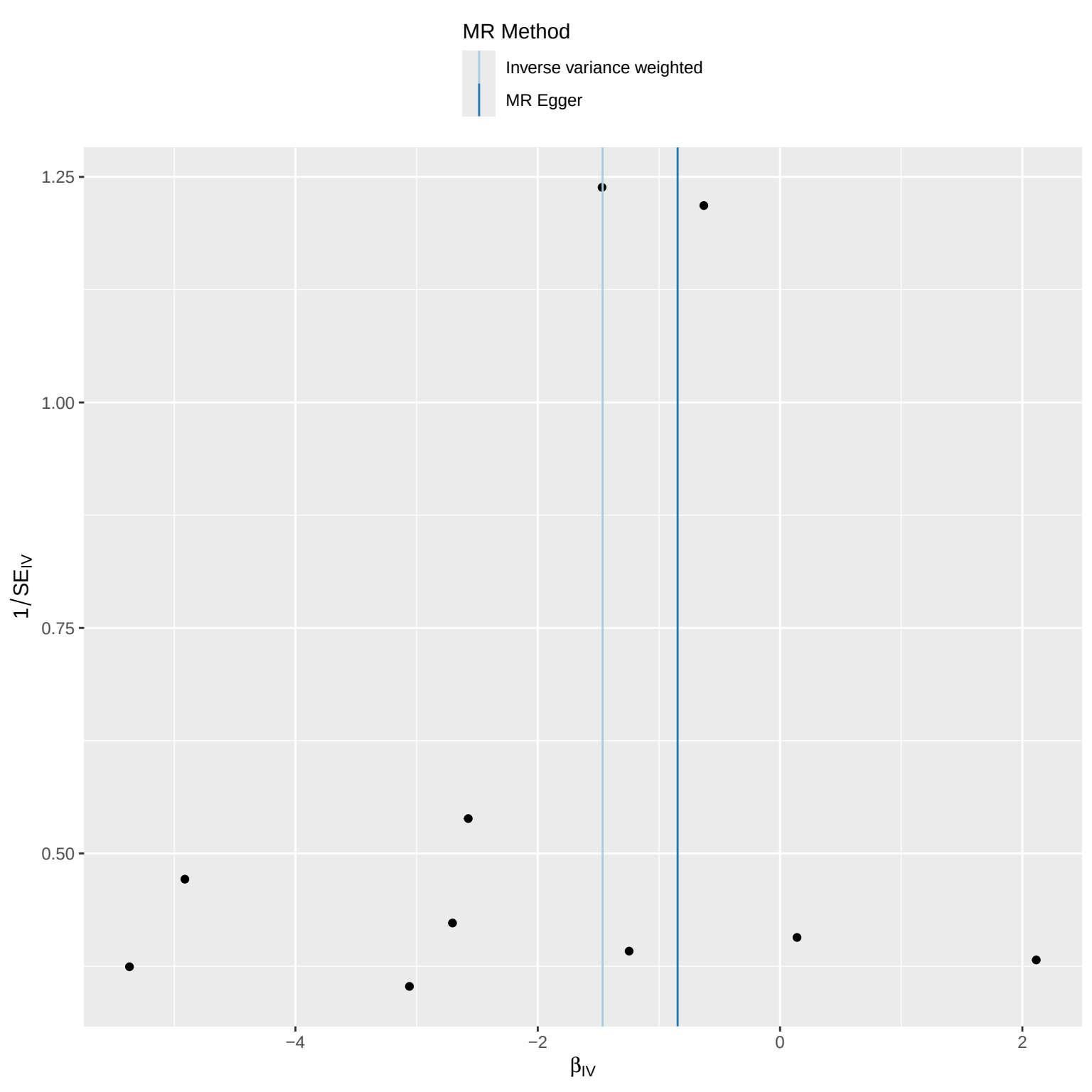

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

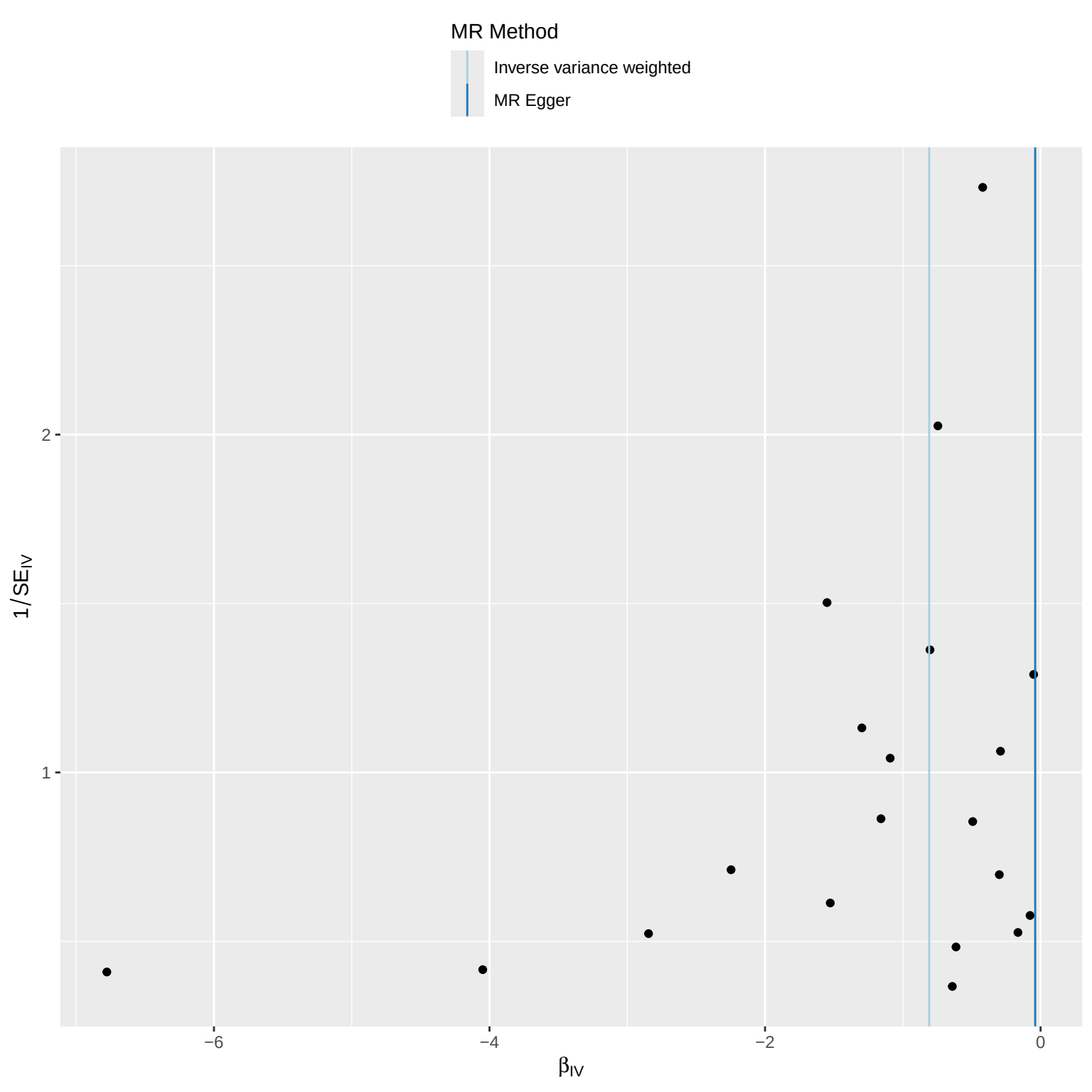

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−3.0
−2.5
−2.0
−1.5
−1.0
β_IV

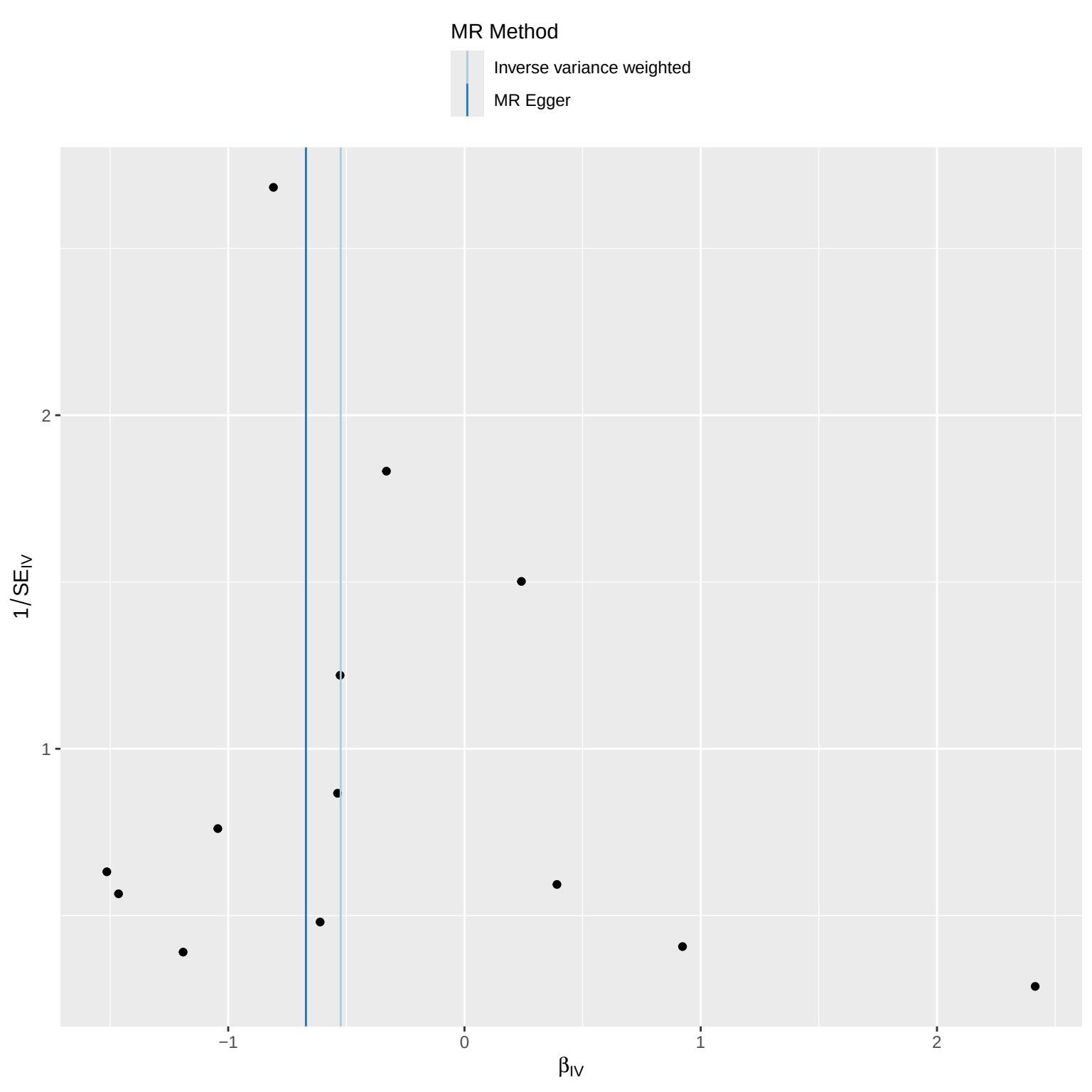

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
β_IV

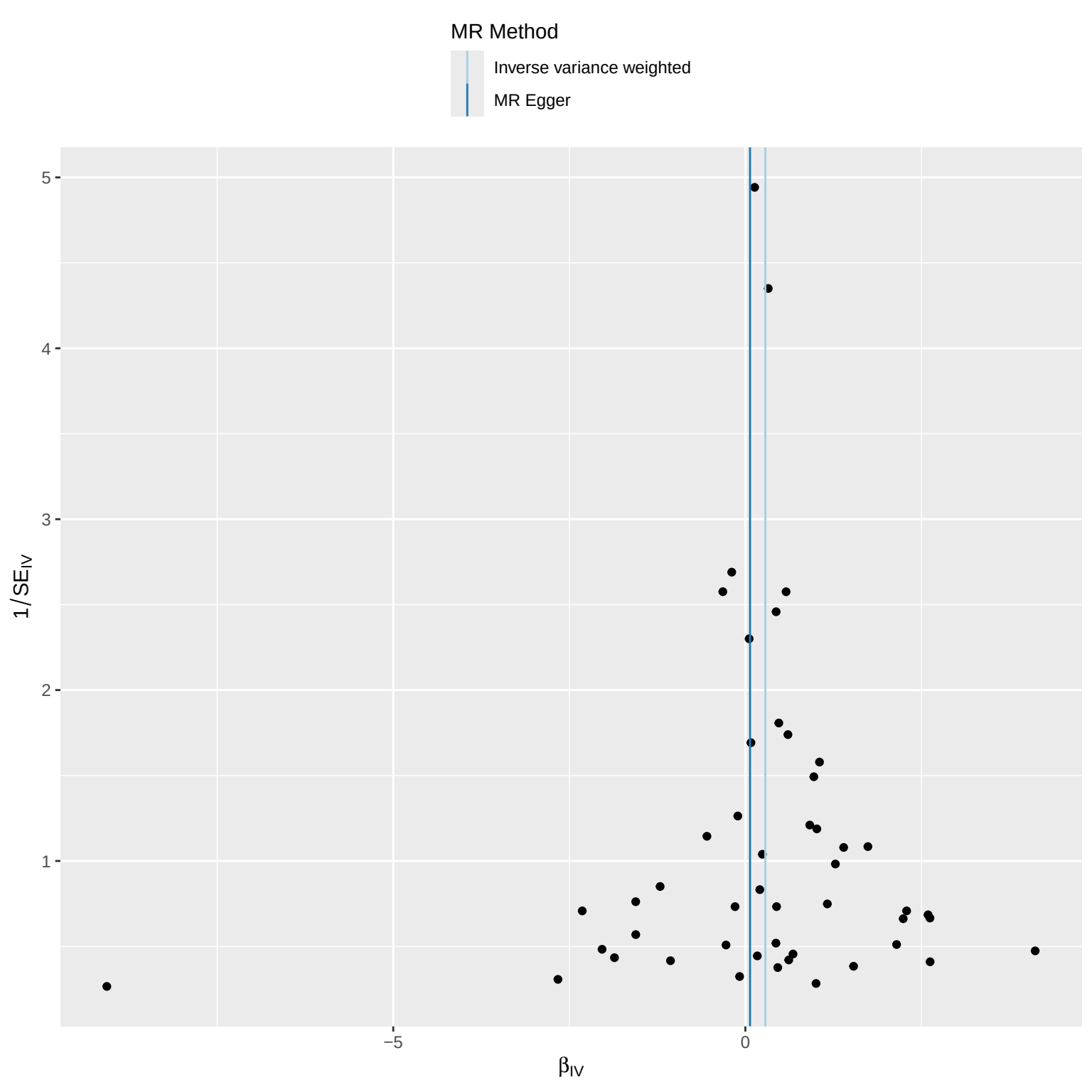

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

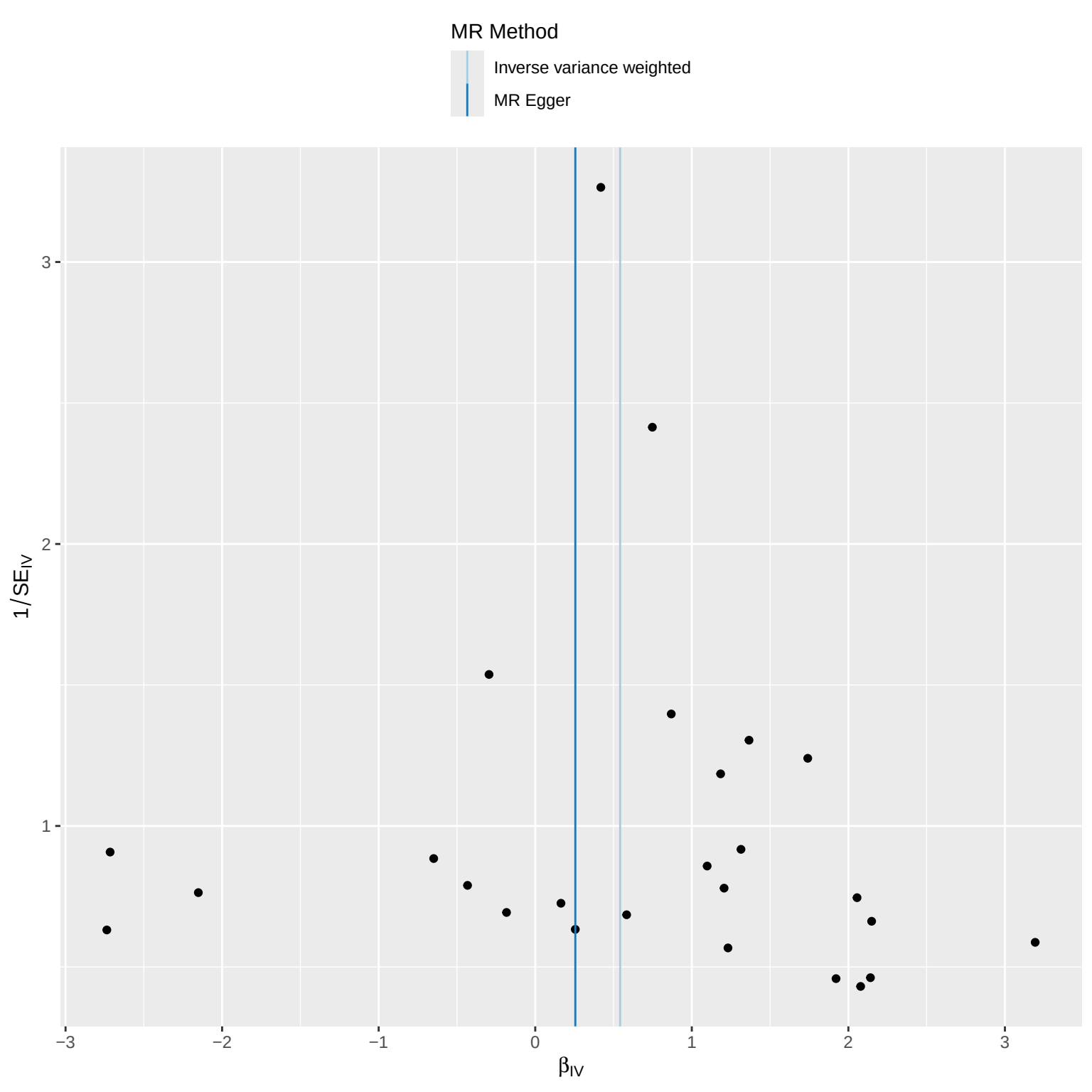

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

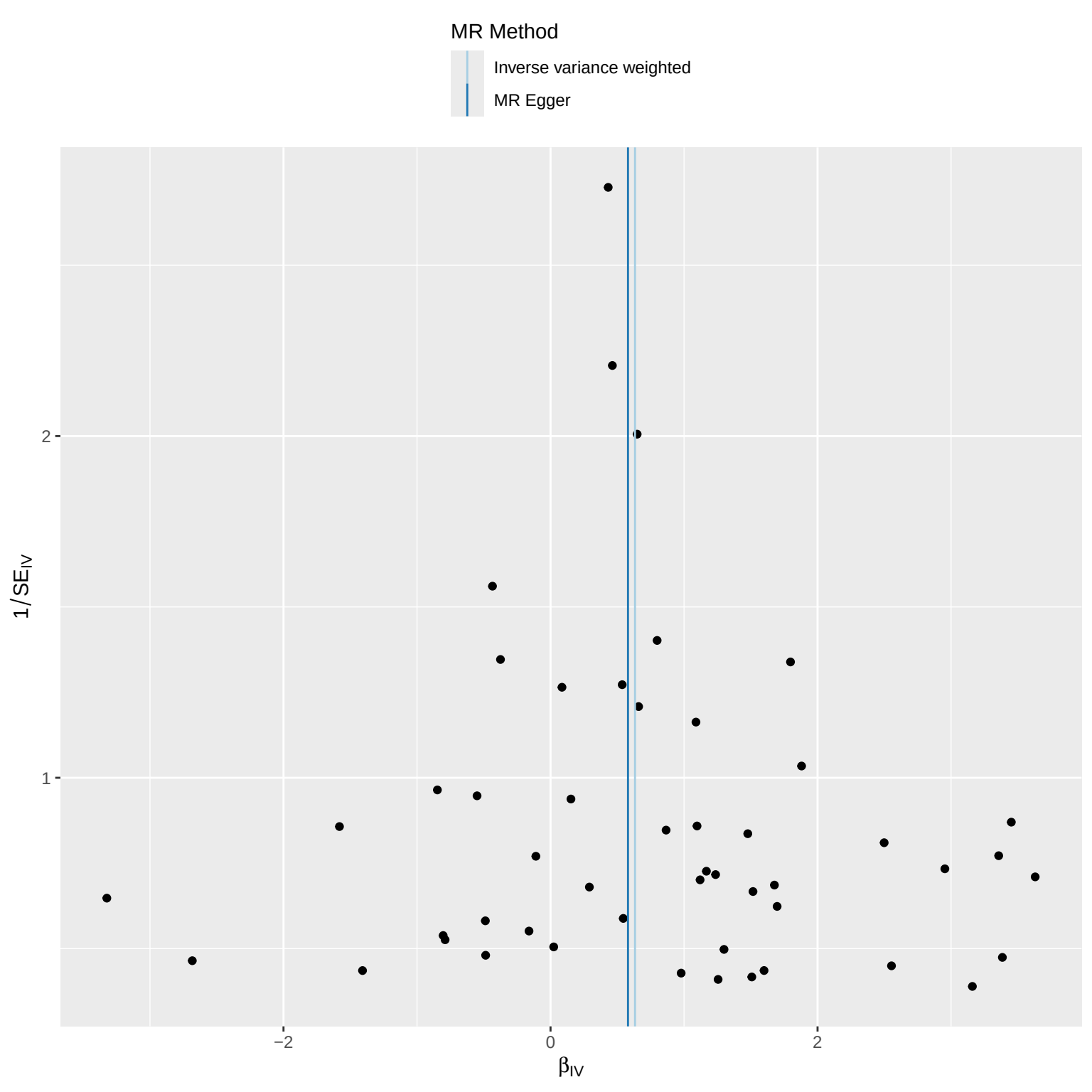

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−4
−2
0
2
β_IV

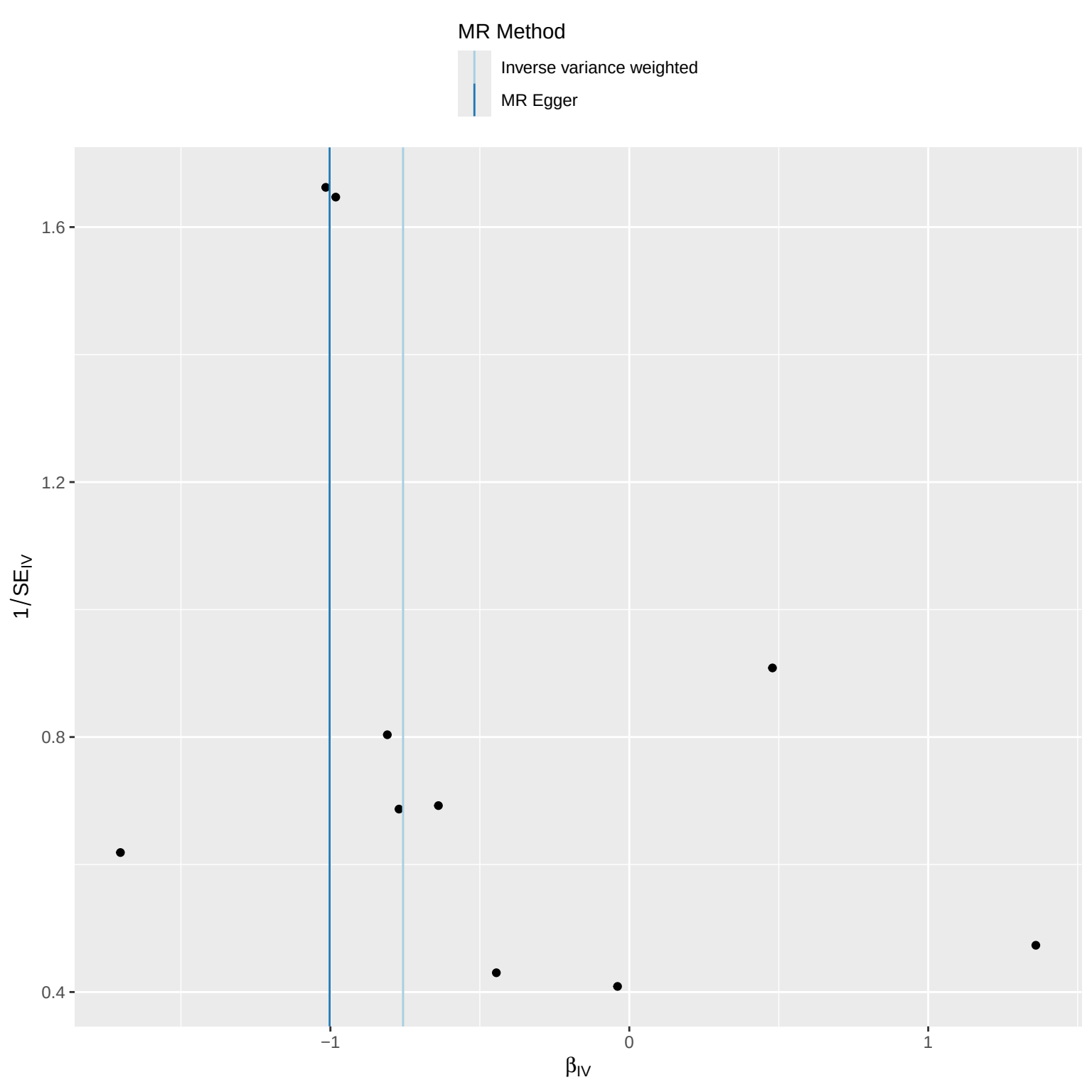

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−4
−2
0
β_IV

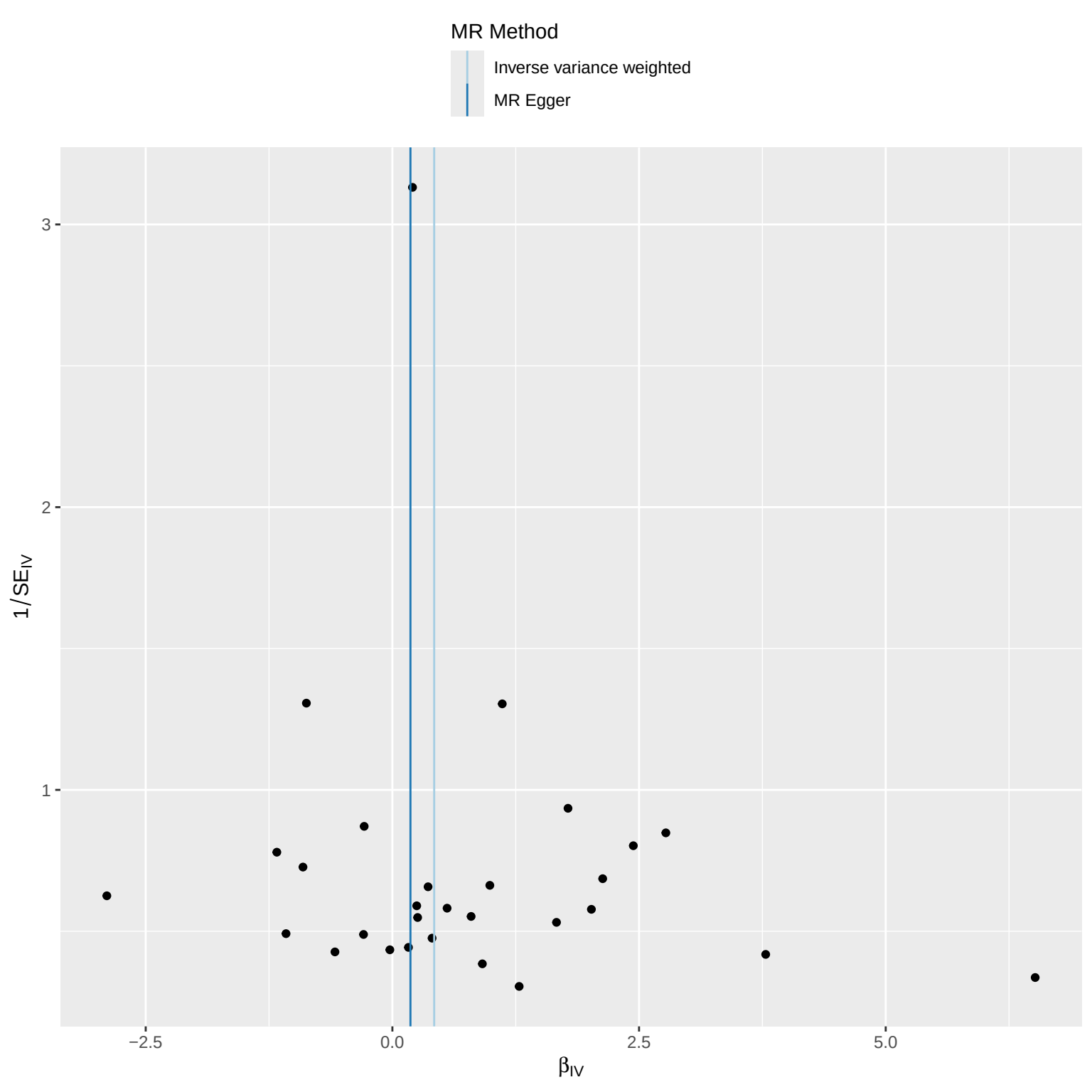

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

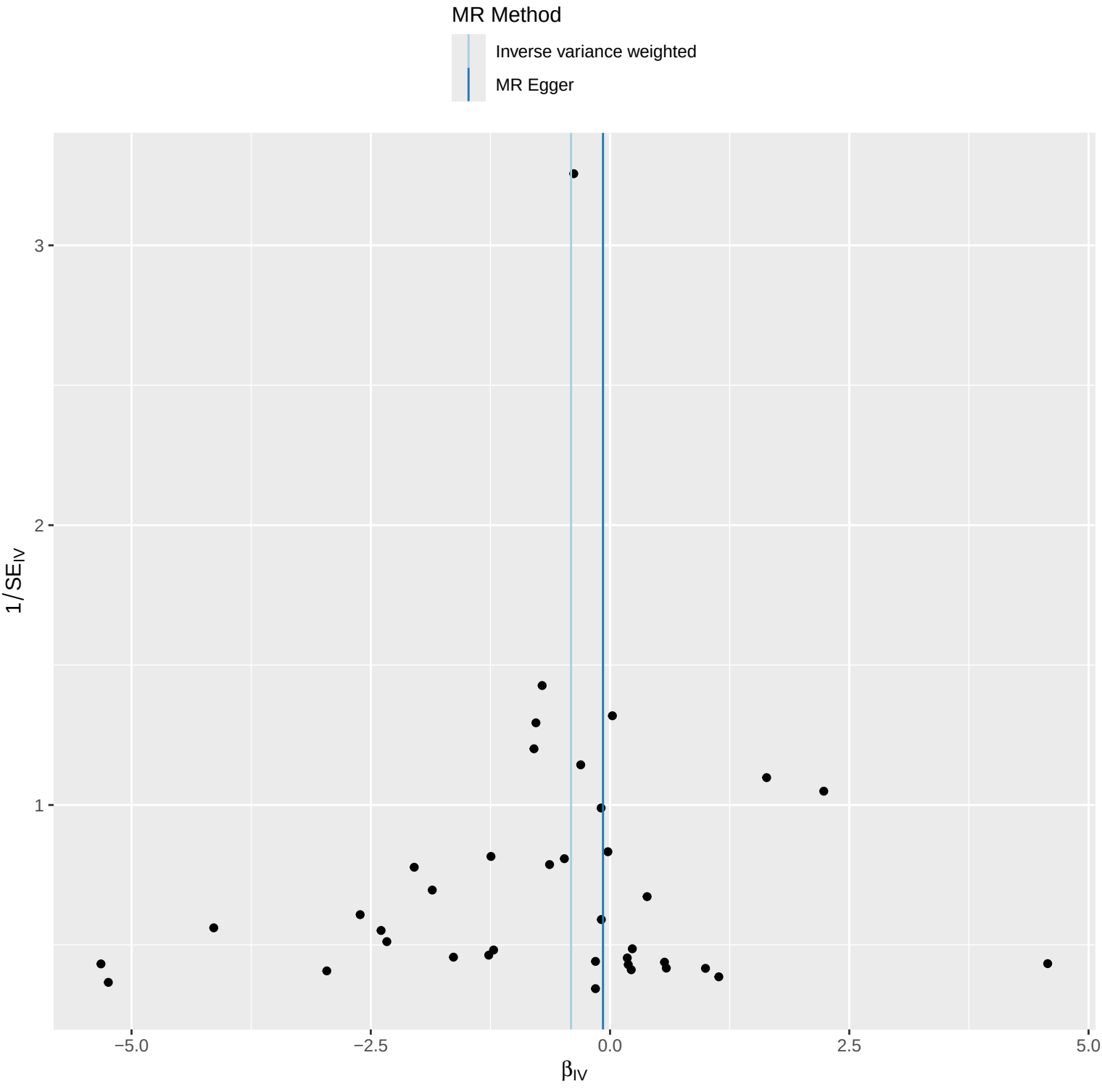

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−5
0
β_IV

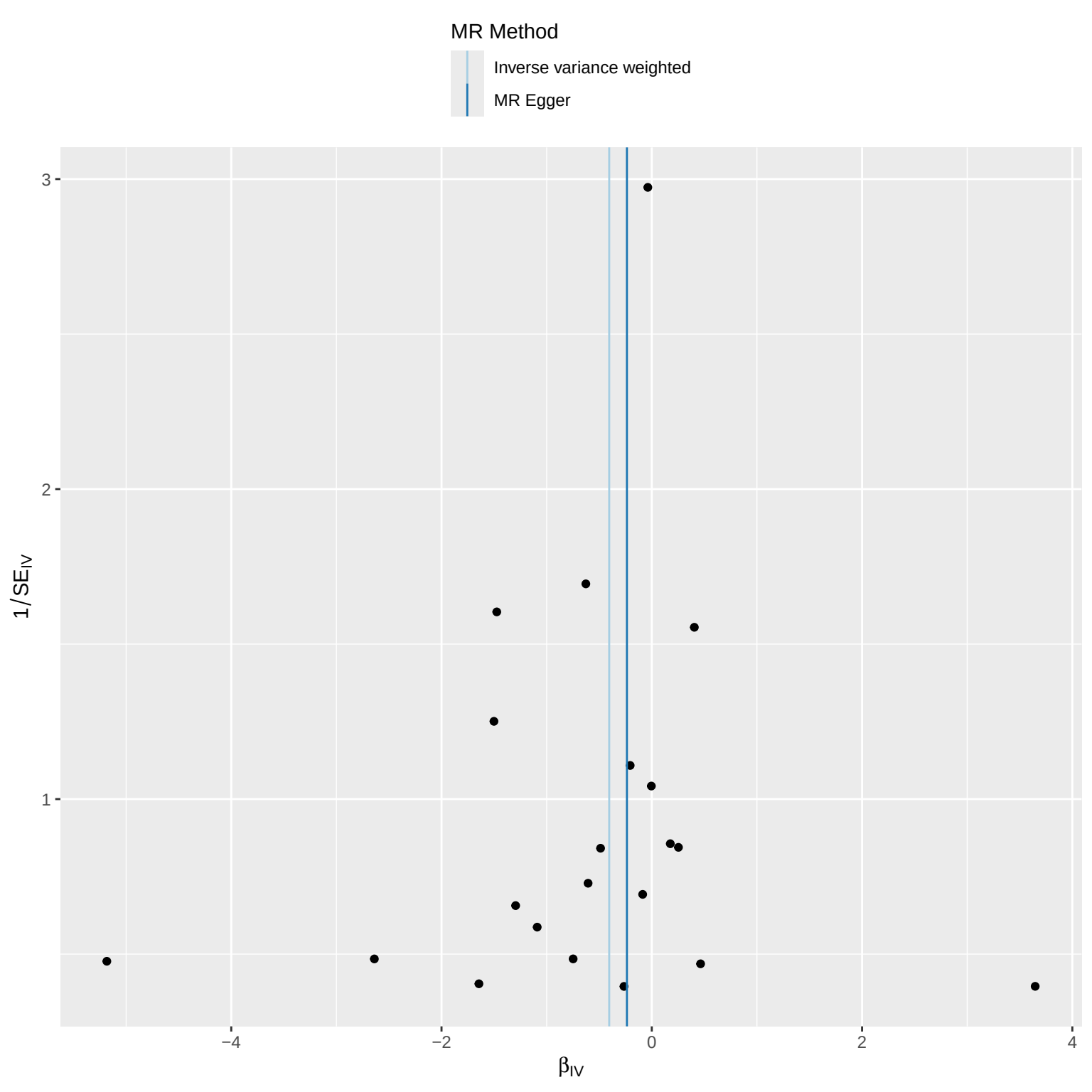

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

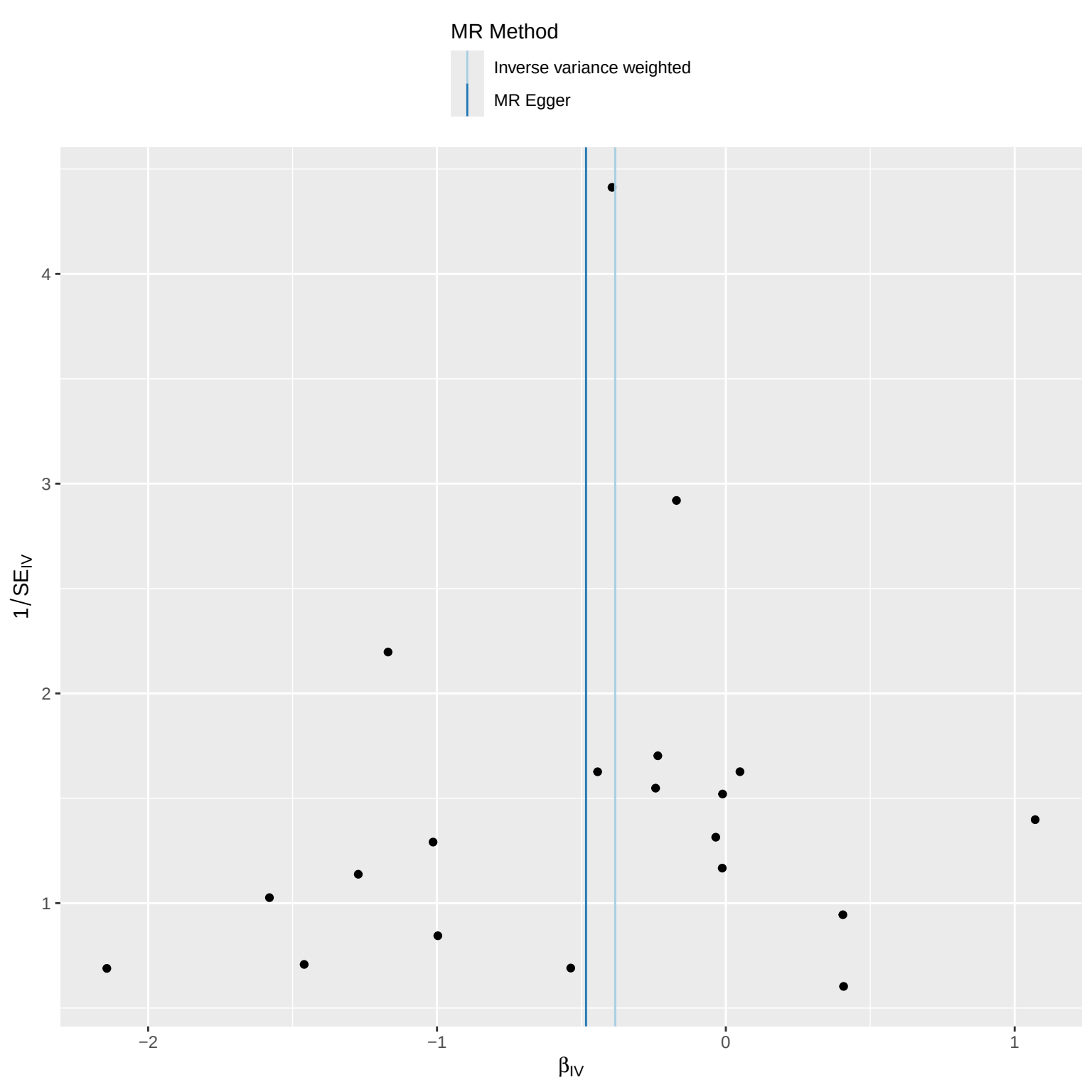

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

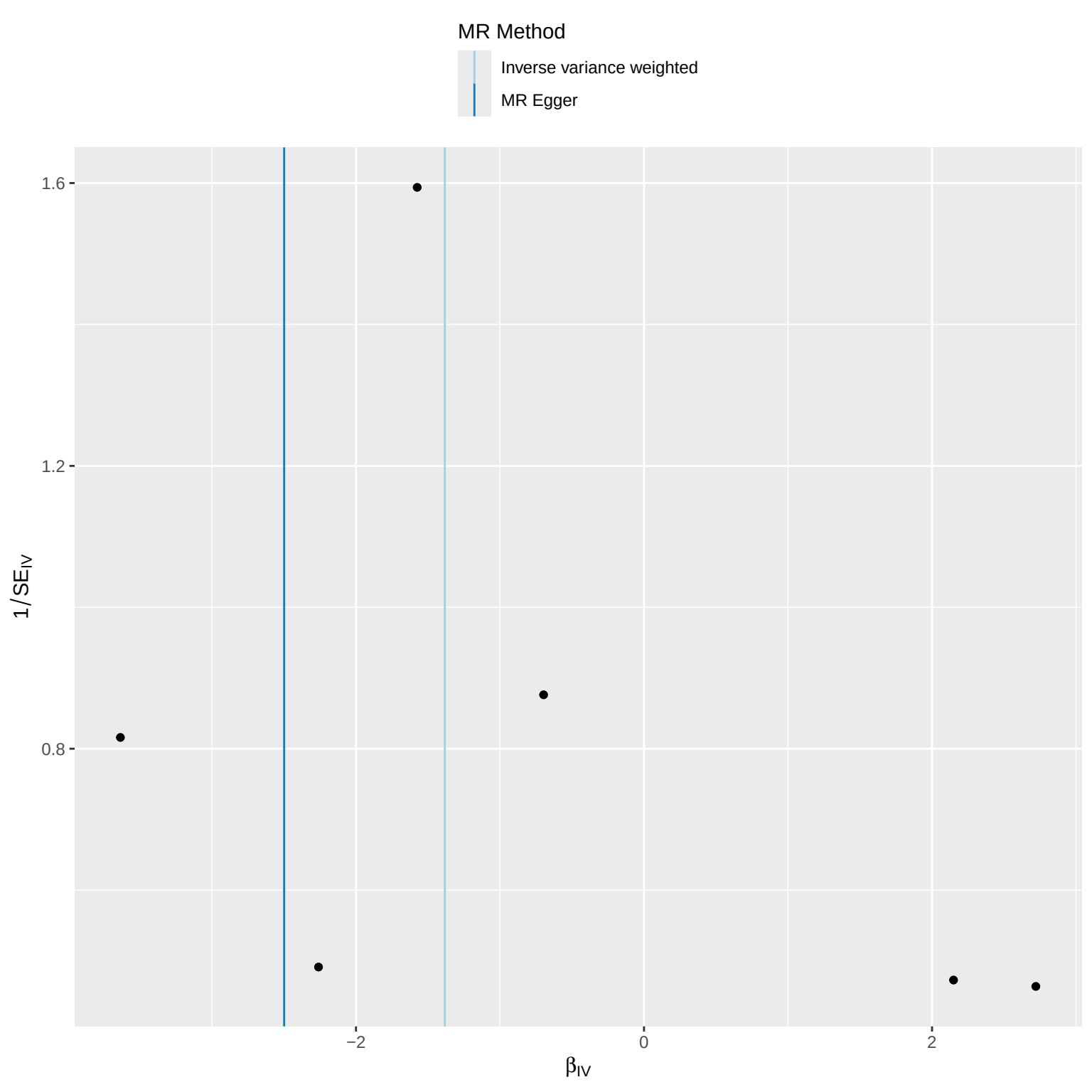

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
β_IV

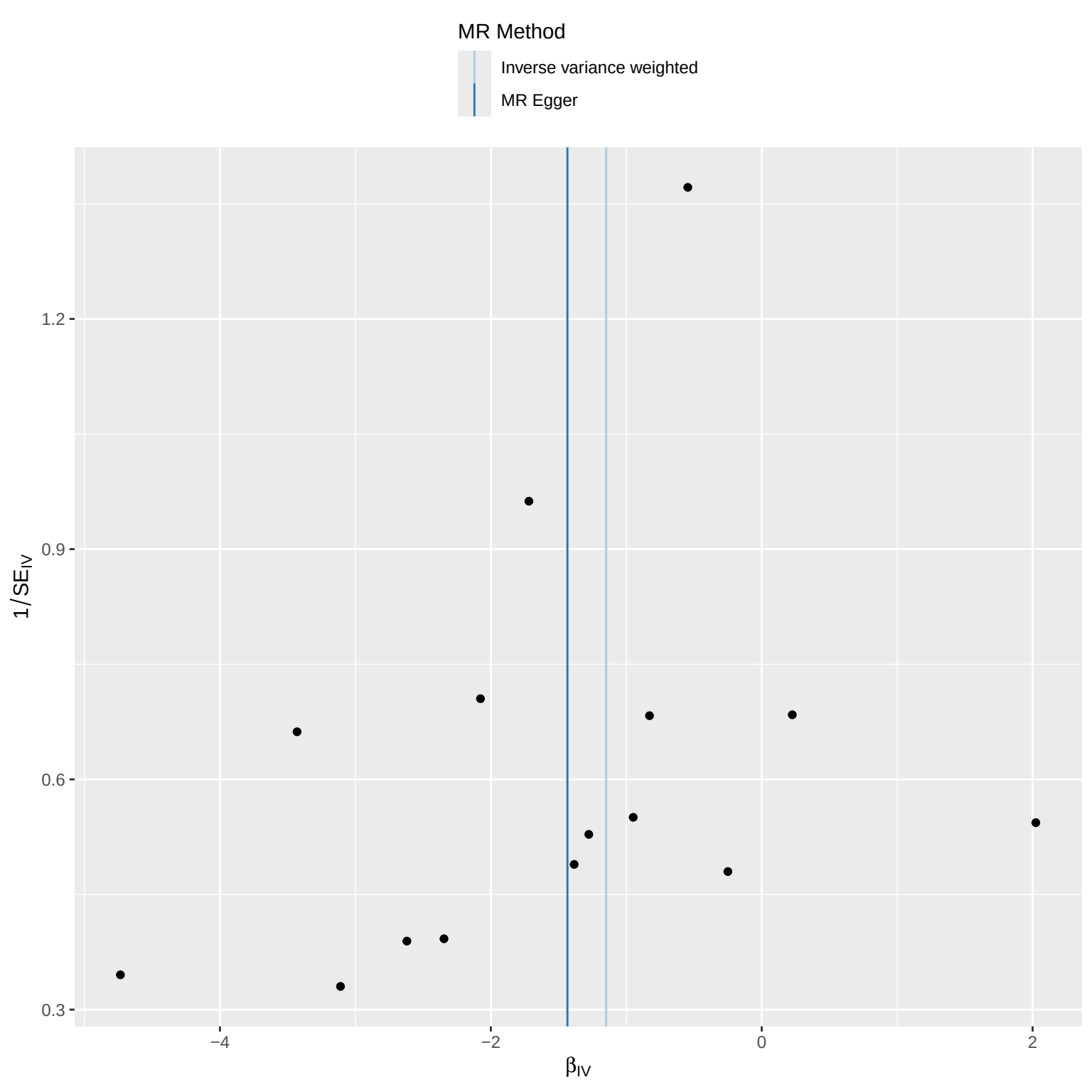

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

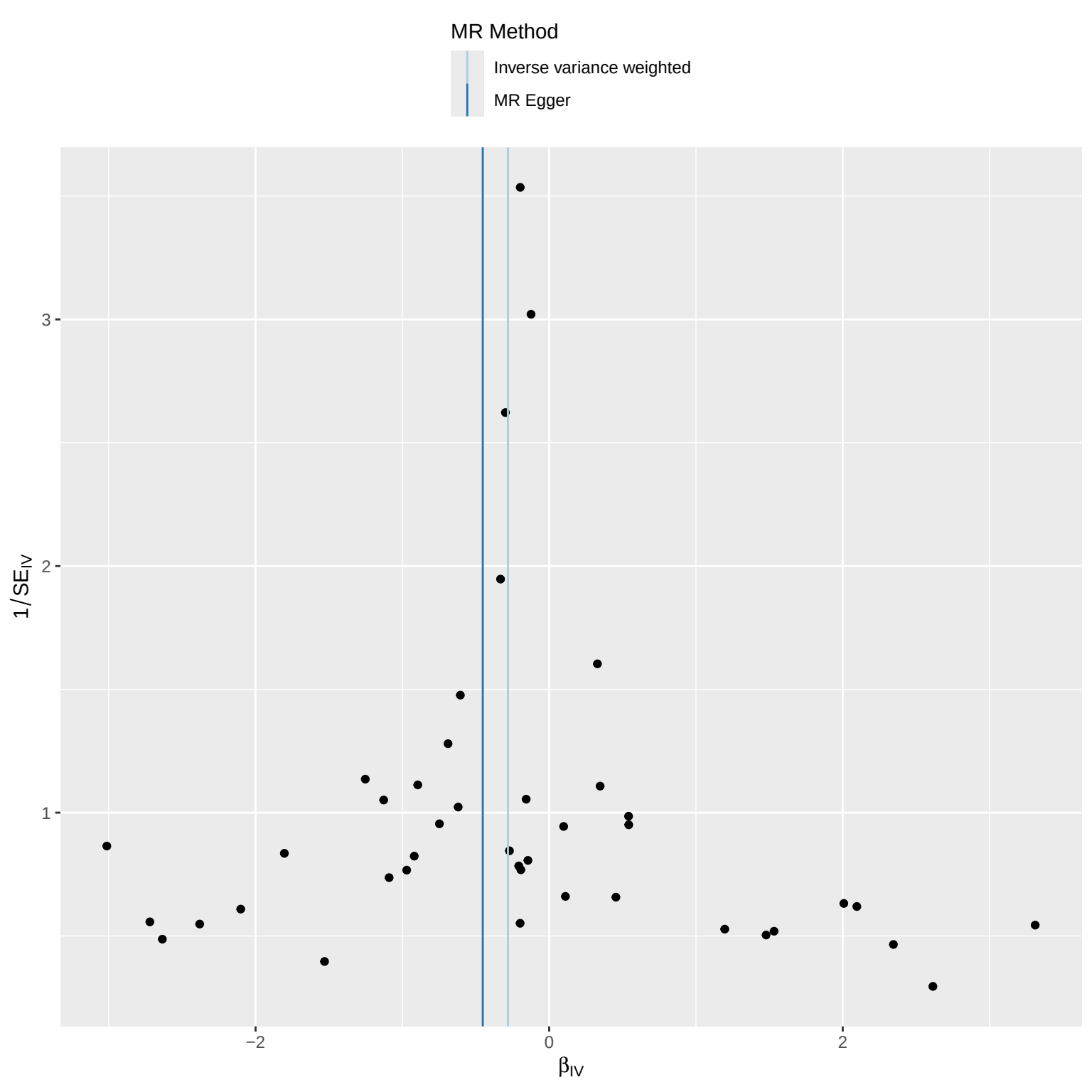

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

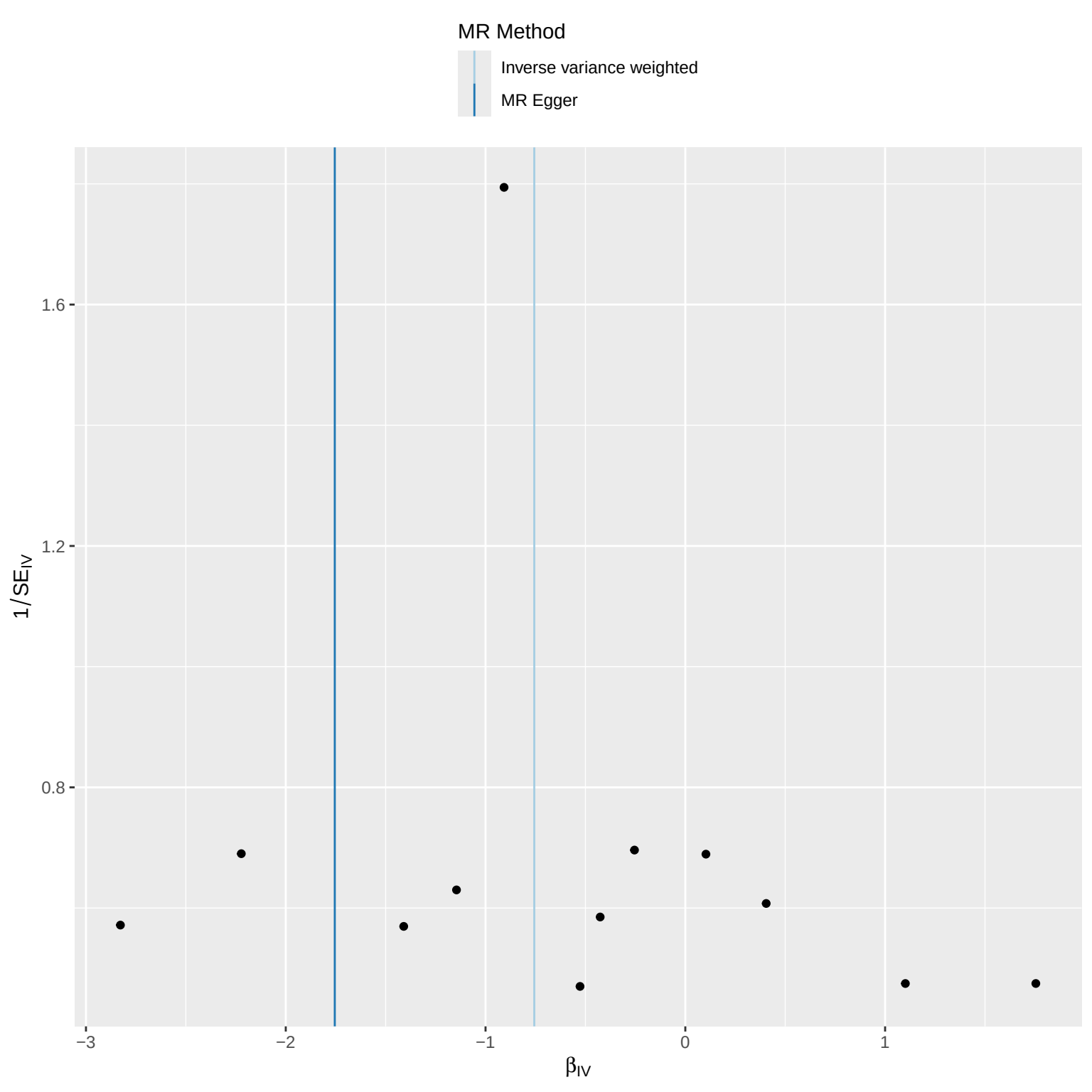

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

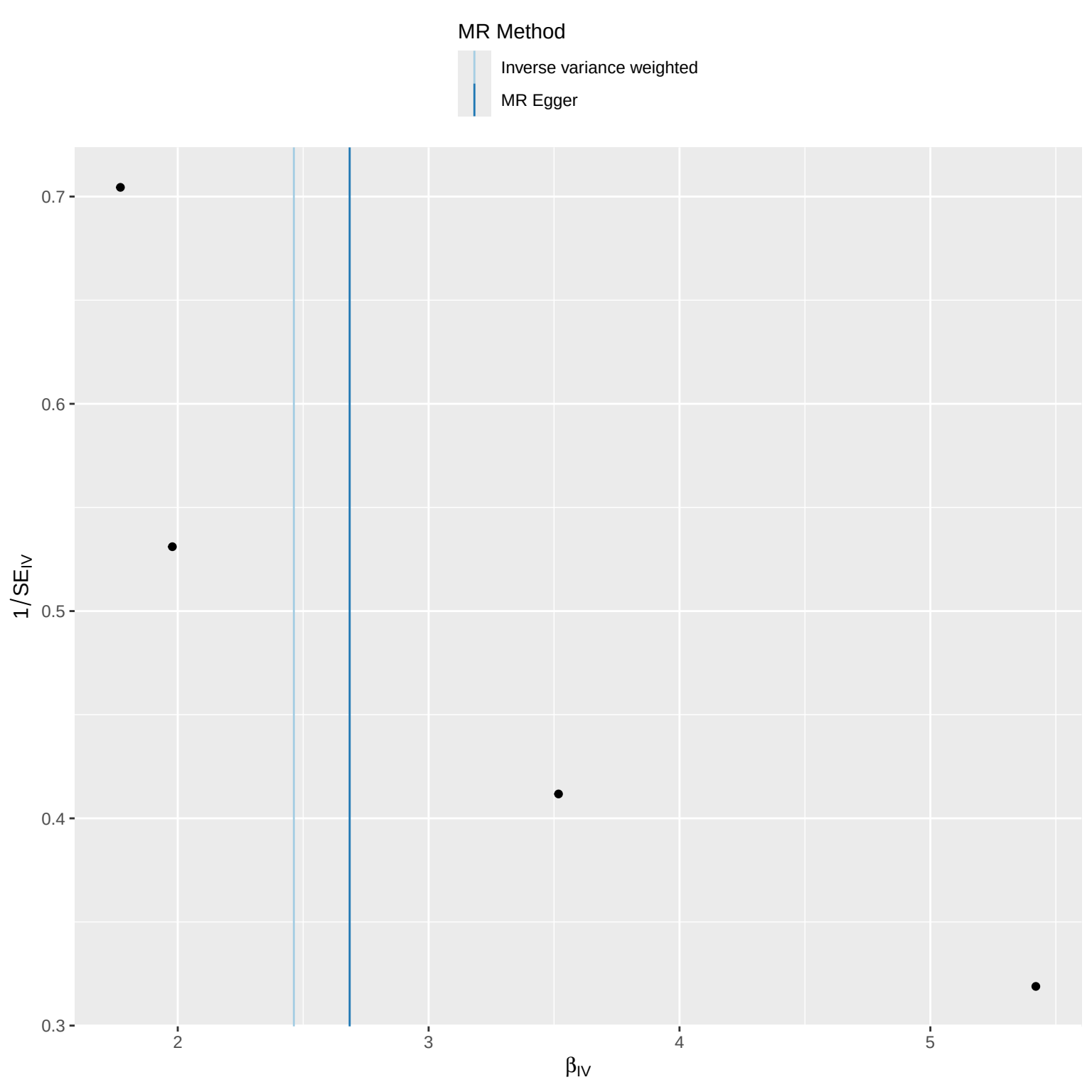

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

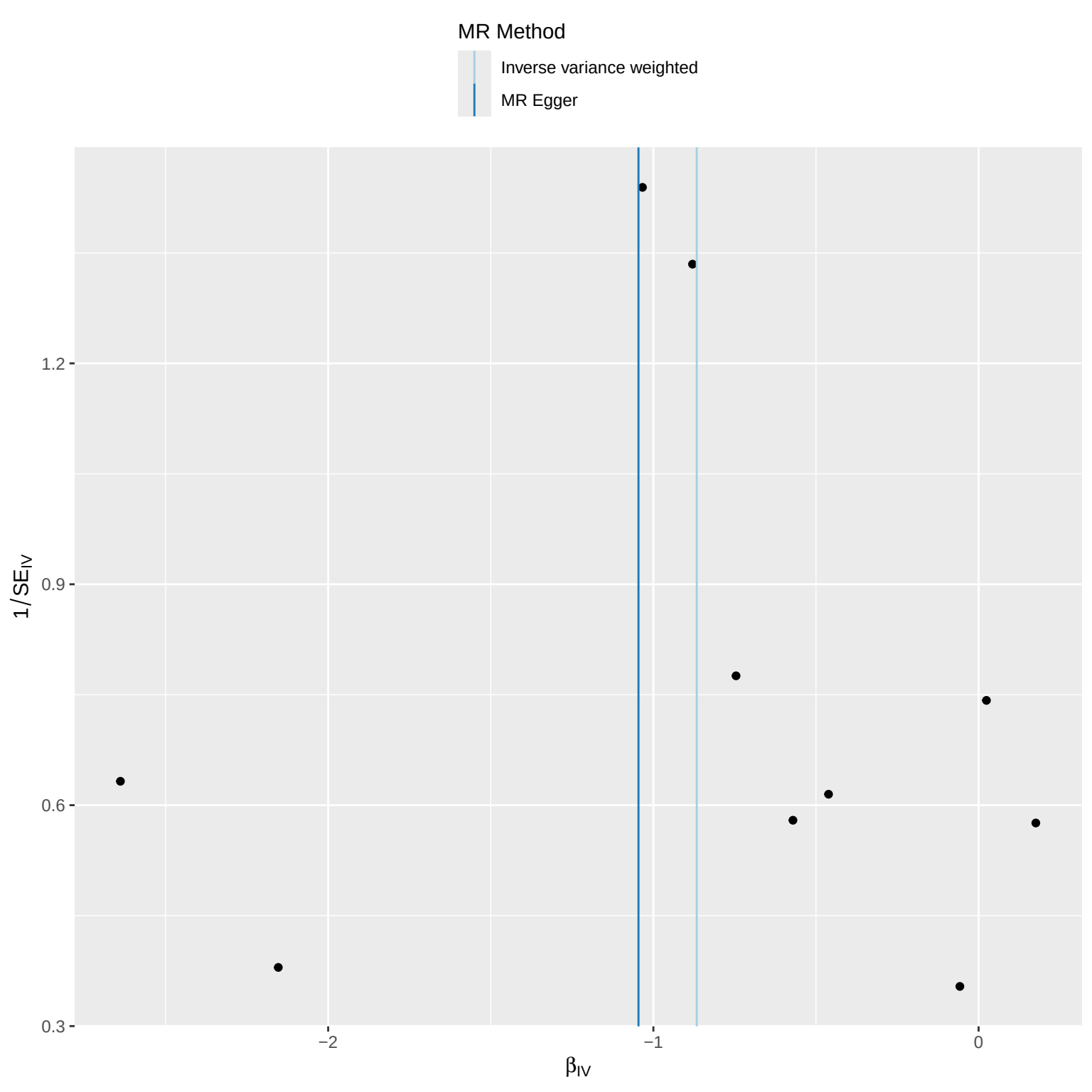

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2
0
2
β_IV

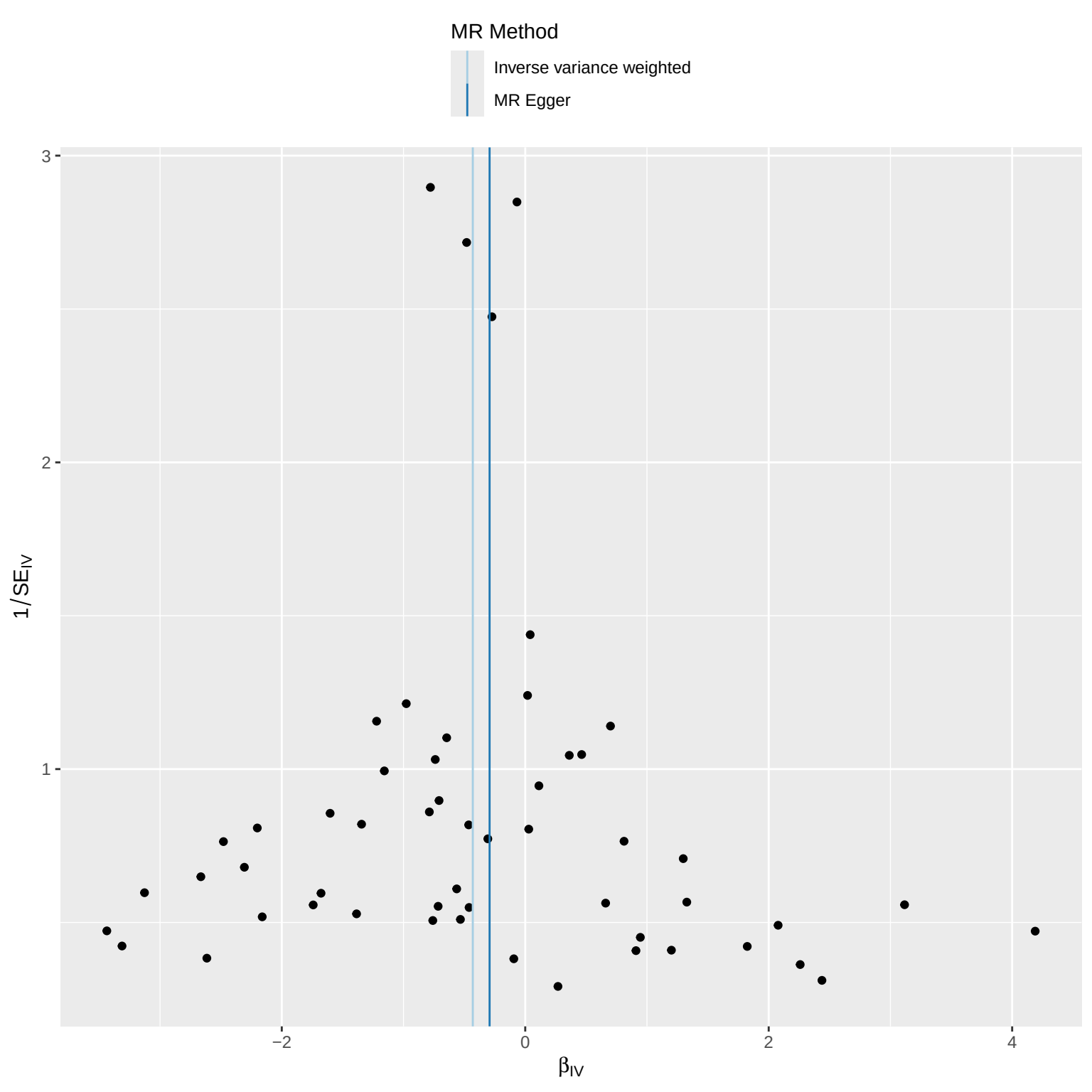

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

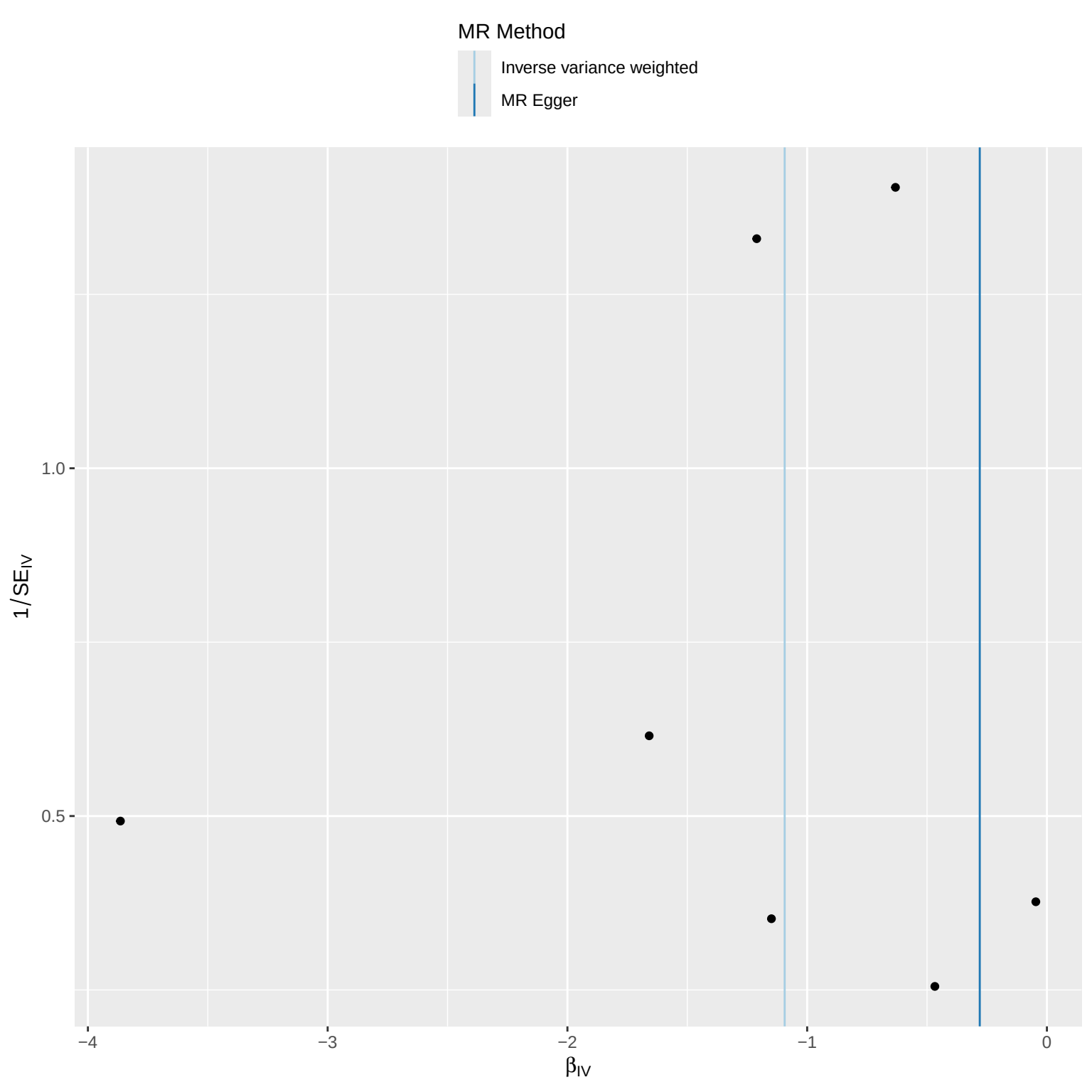

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

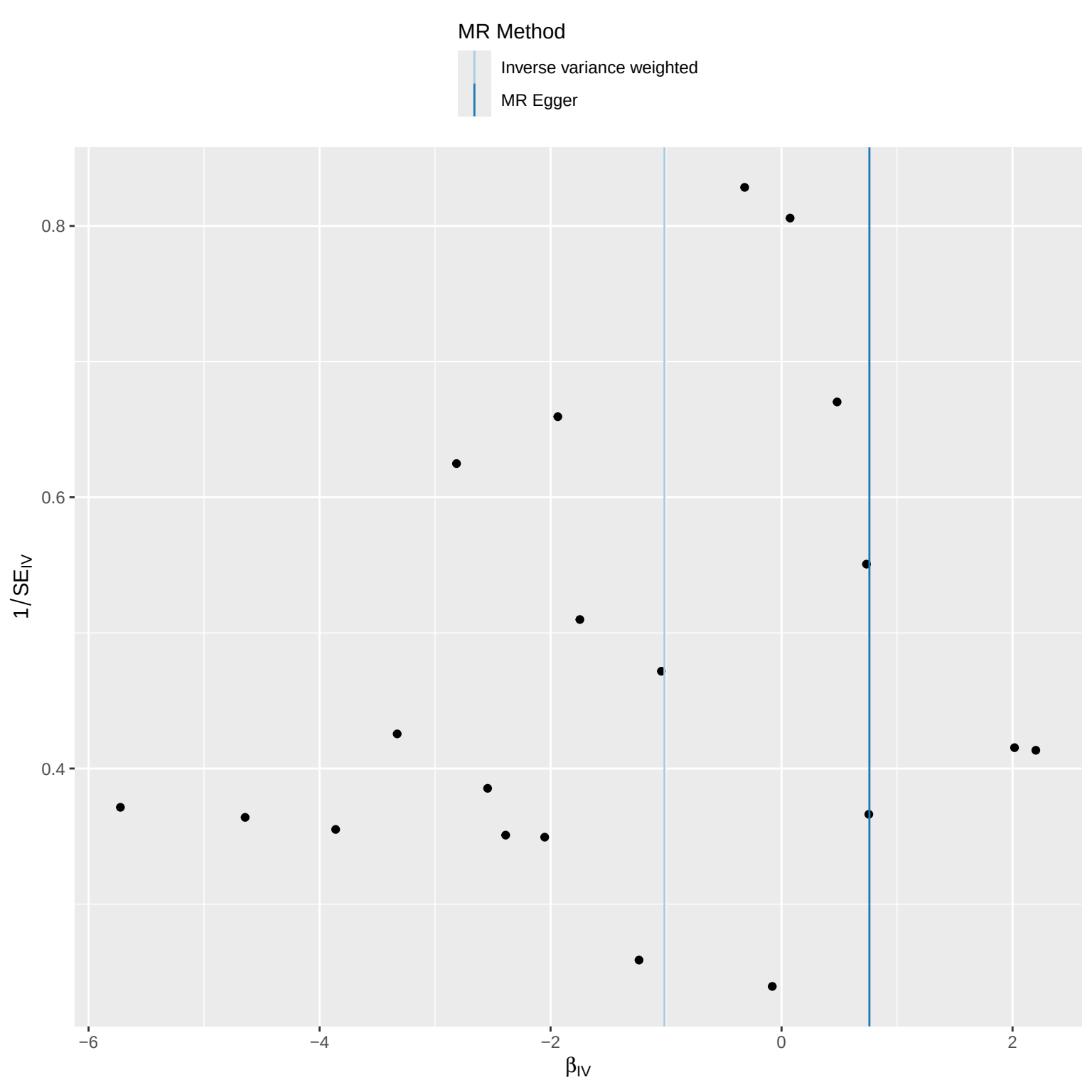

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−3
−2
−1
0
1
β_IV

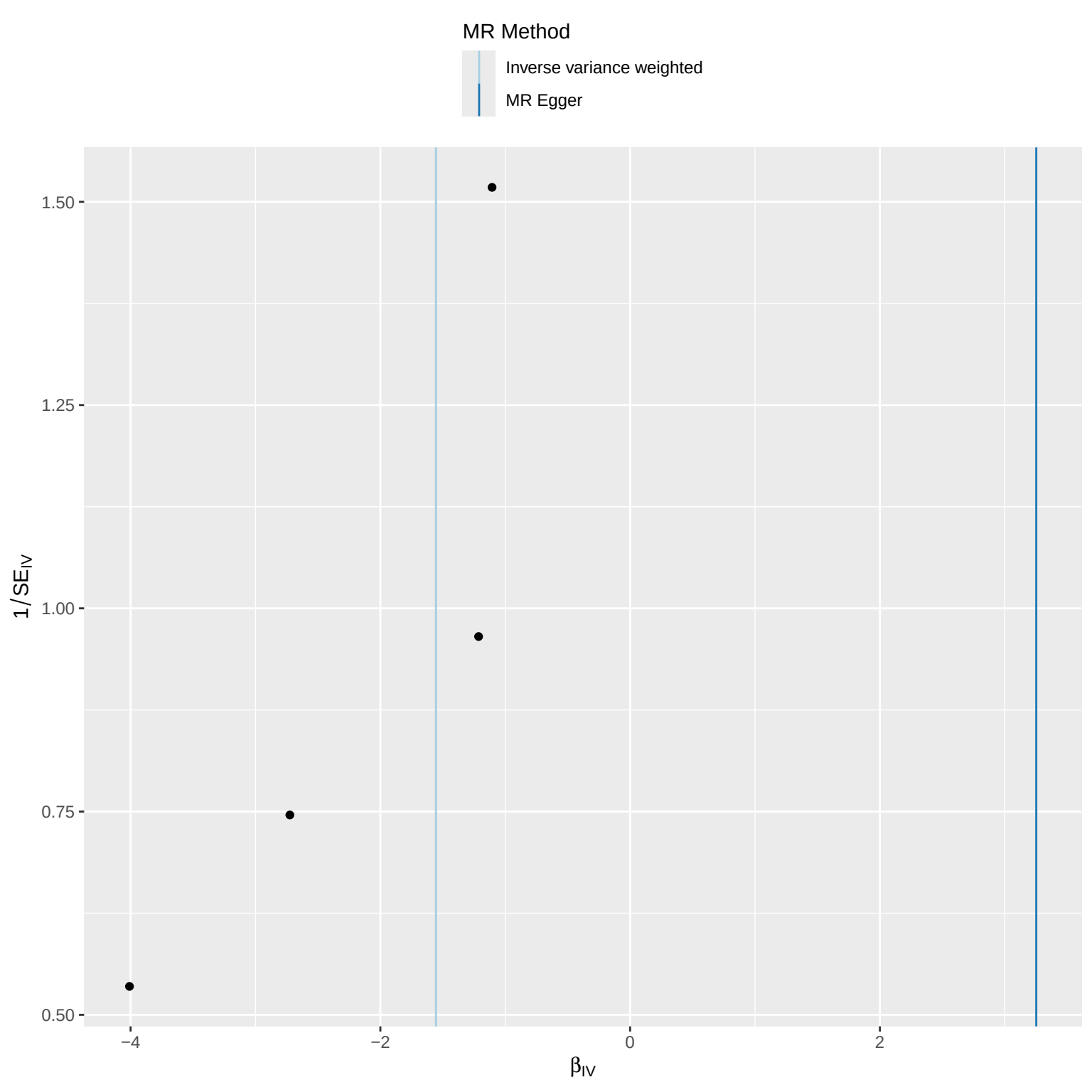

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
0.3
1/SE_IV
2
3
4
5
β_IV

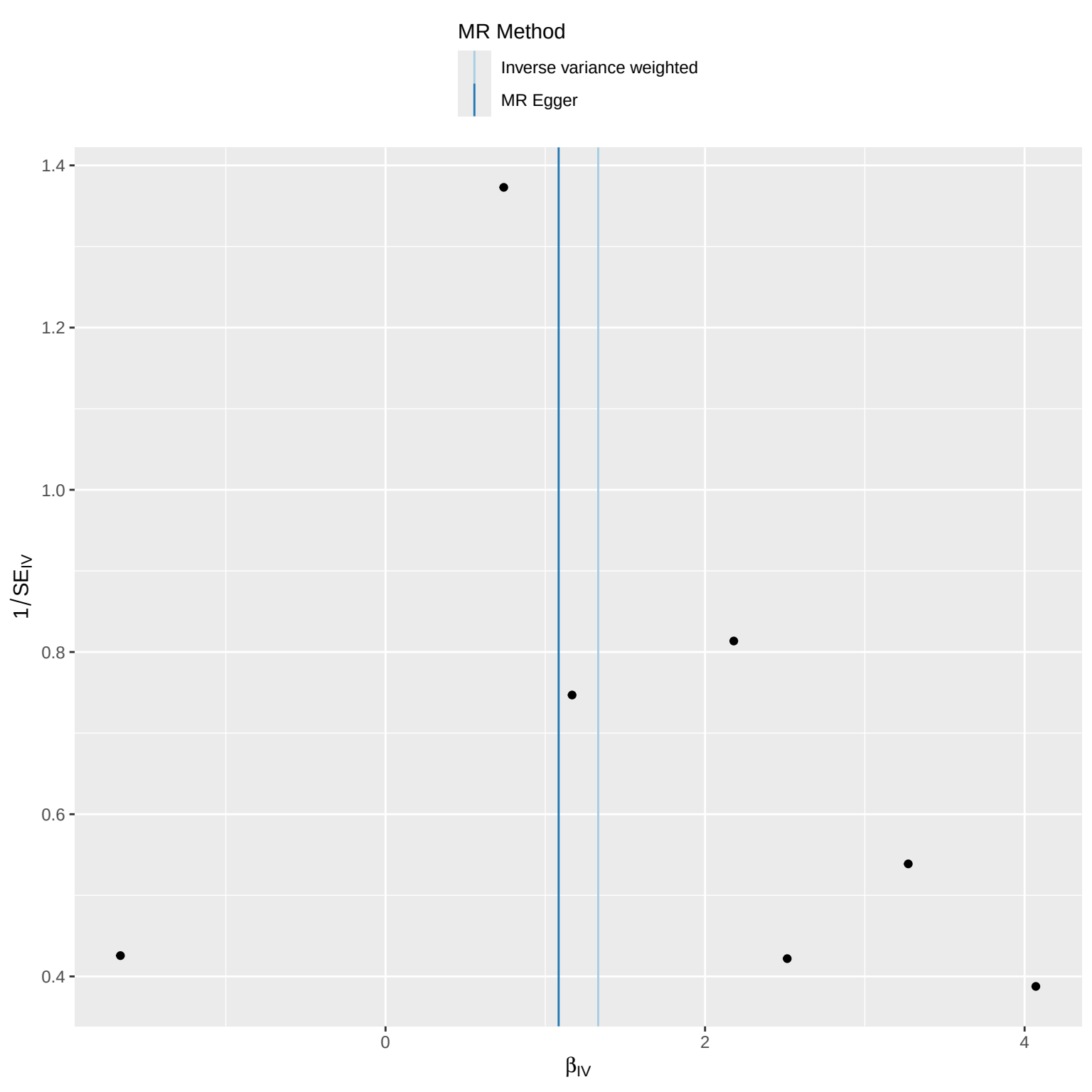

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−2
−1
0
β_IV

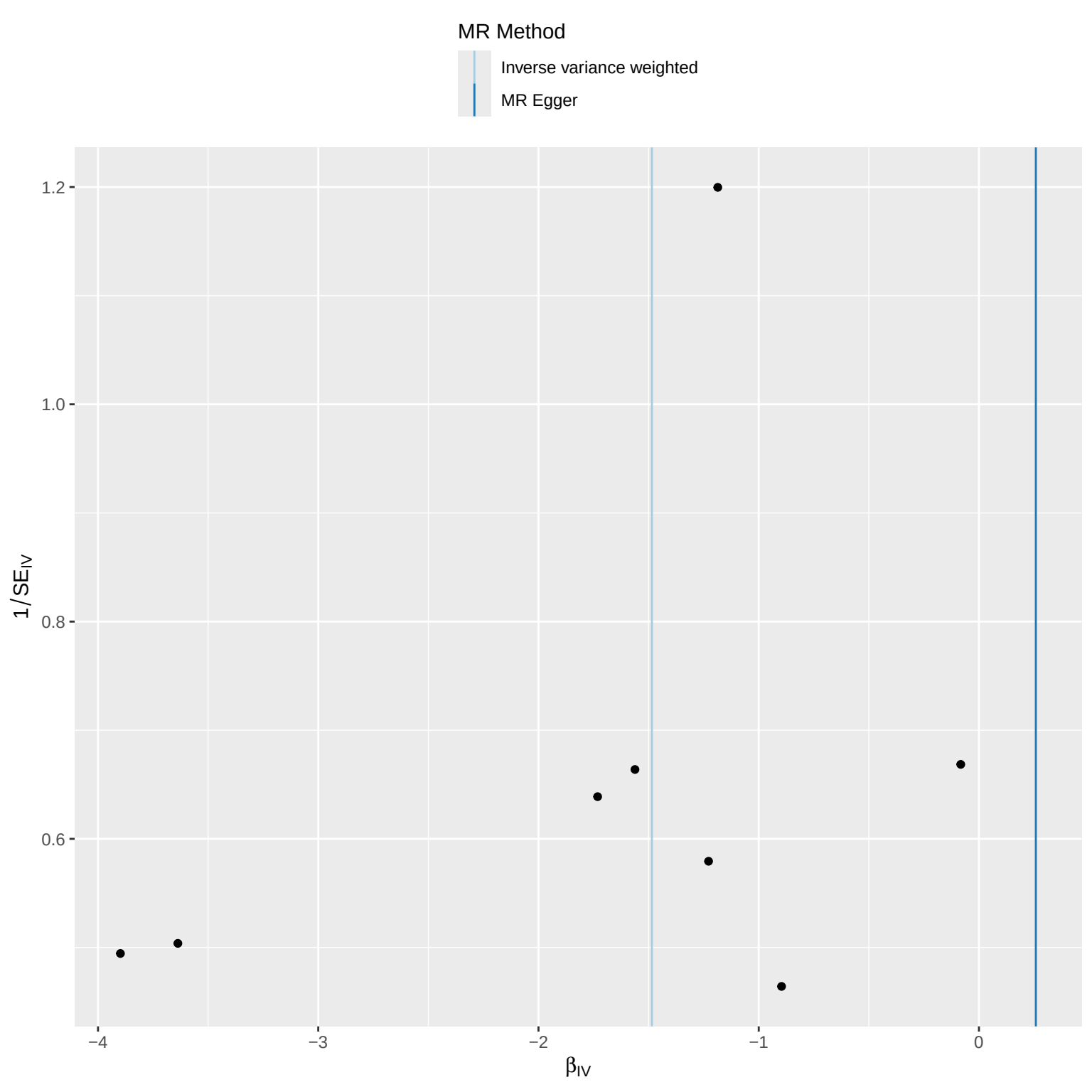

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

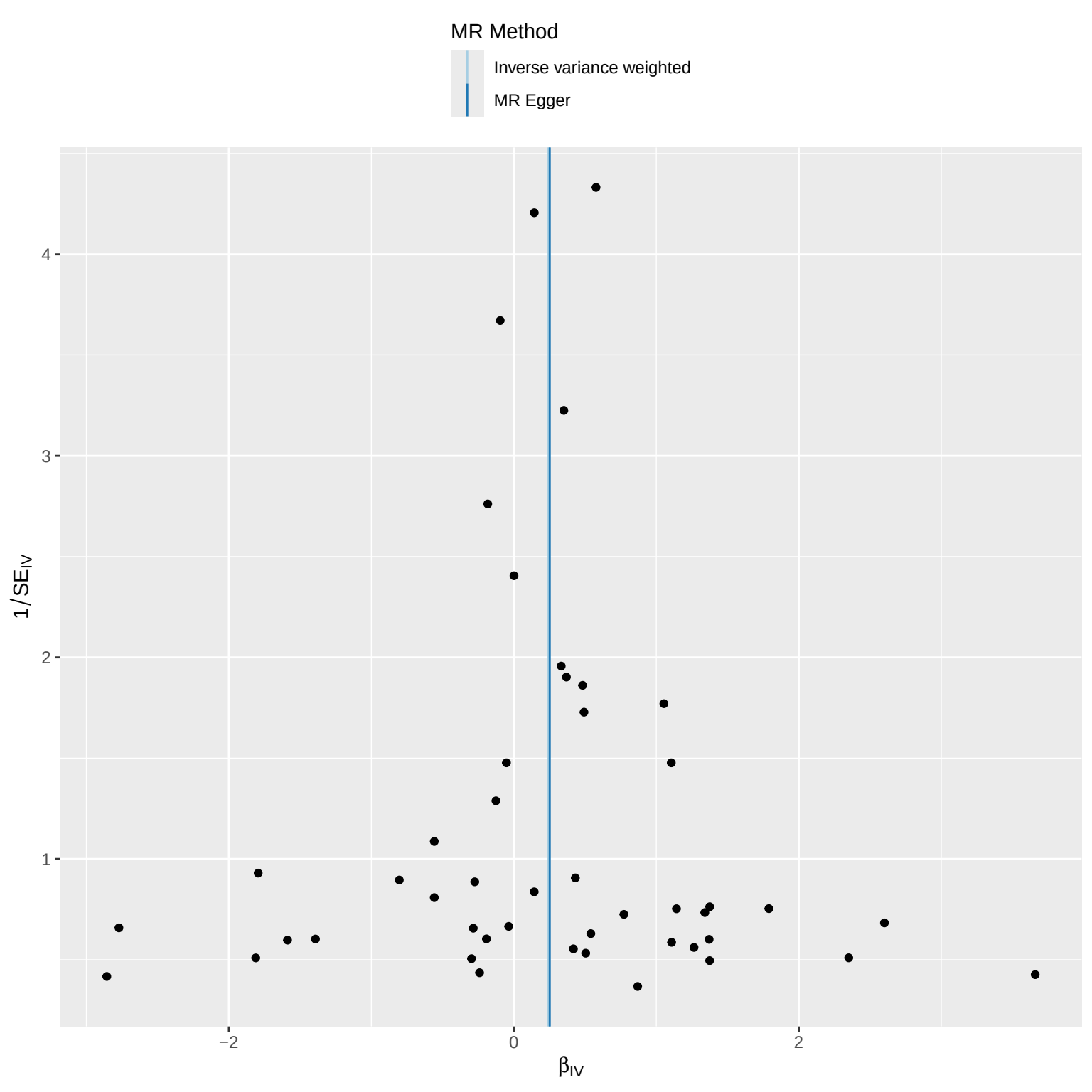

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

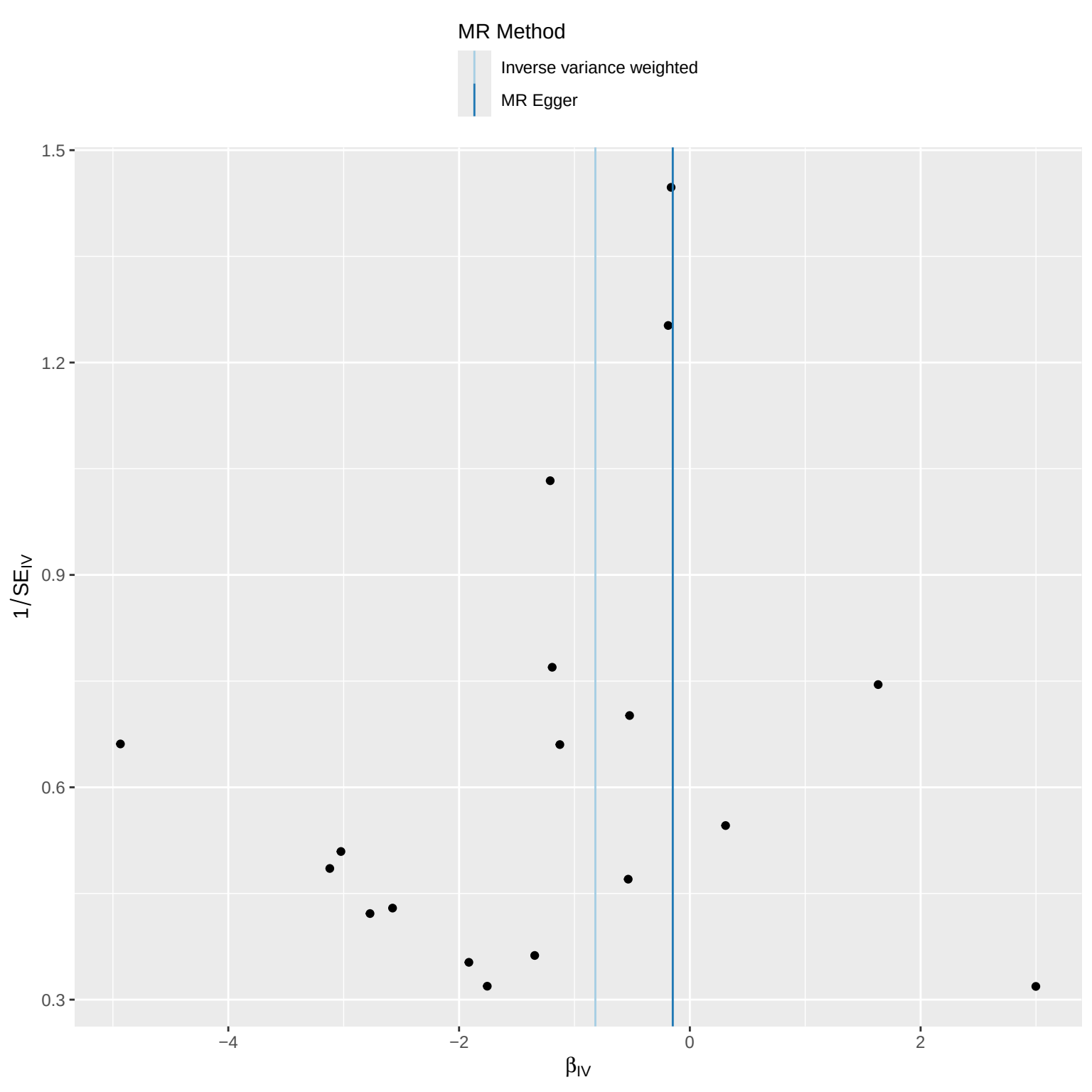

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
2
β_IV

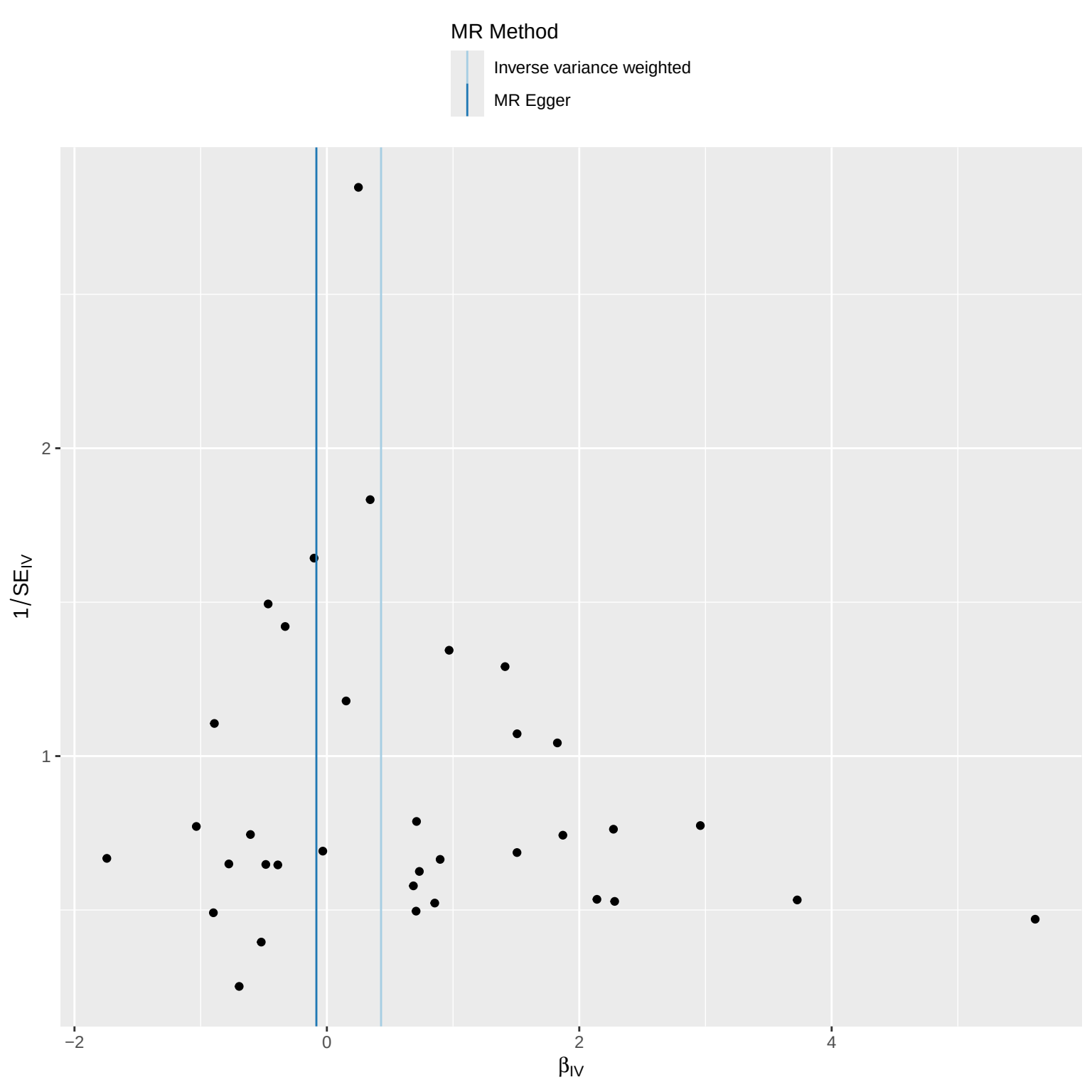

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−4
−2
0
2
β_IV

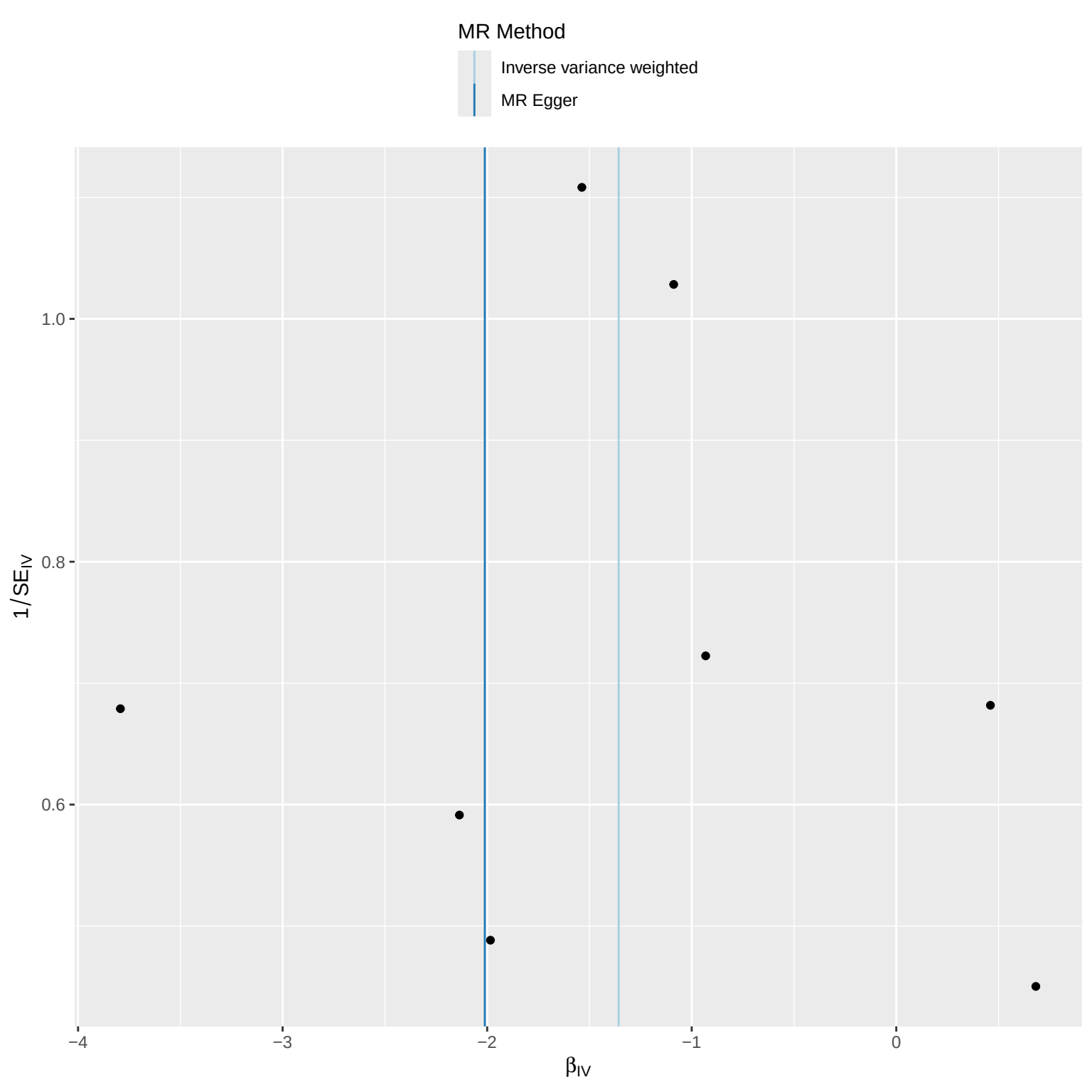

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
2
4
β_IV

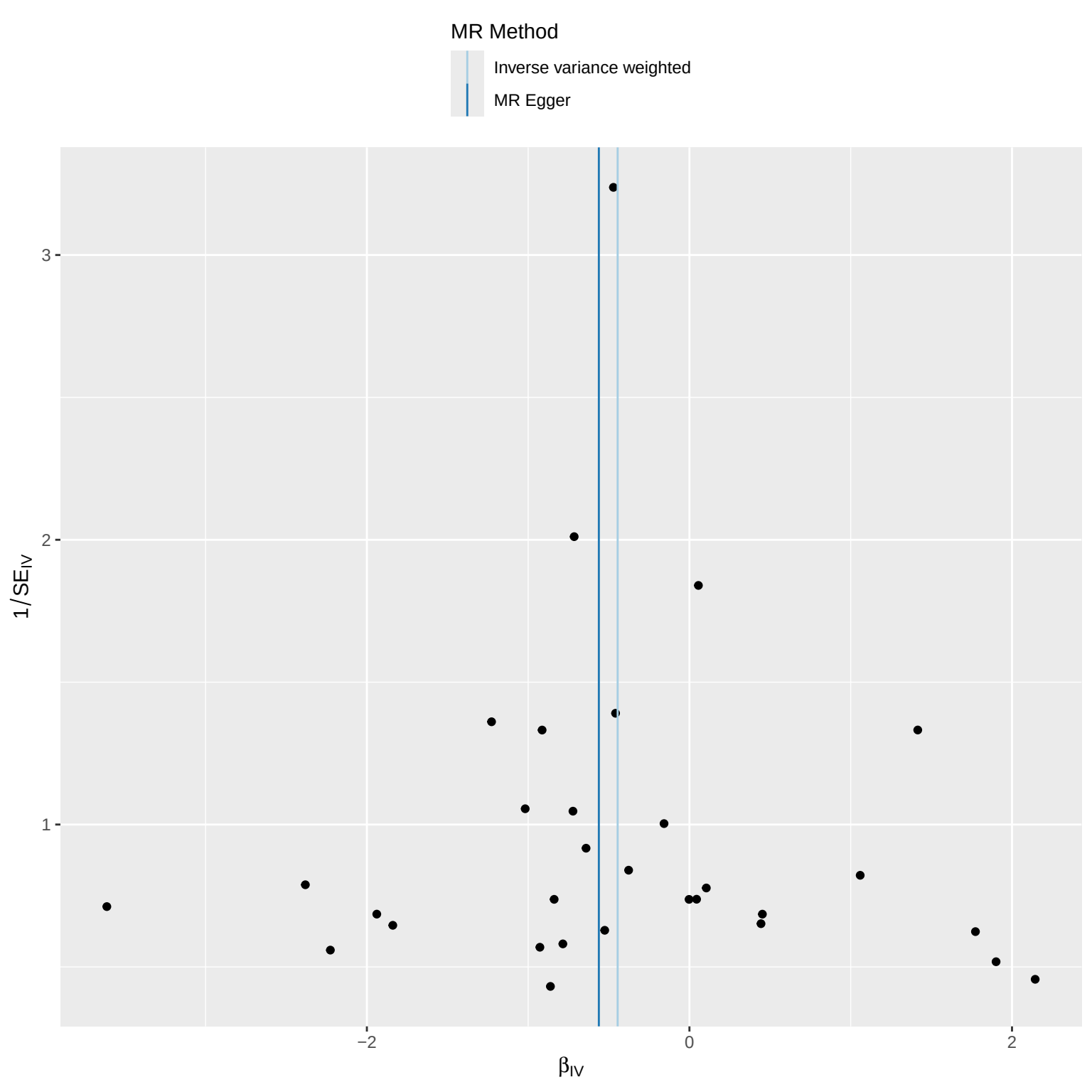

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−4
−3
−2
−1
0
β_IV

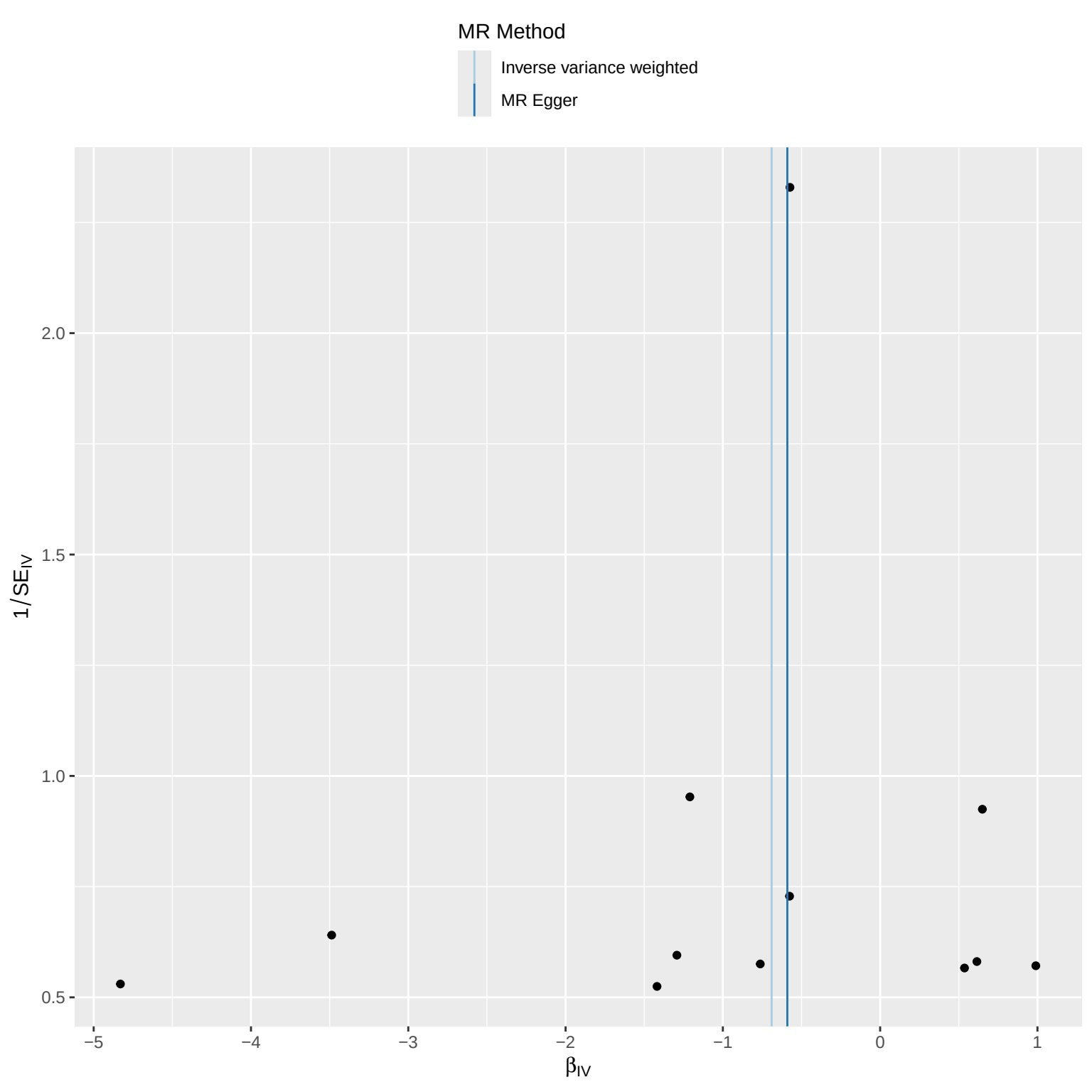

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

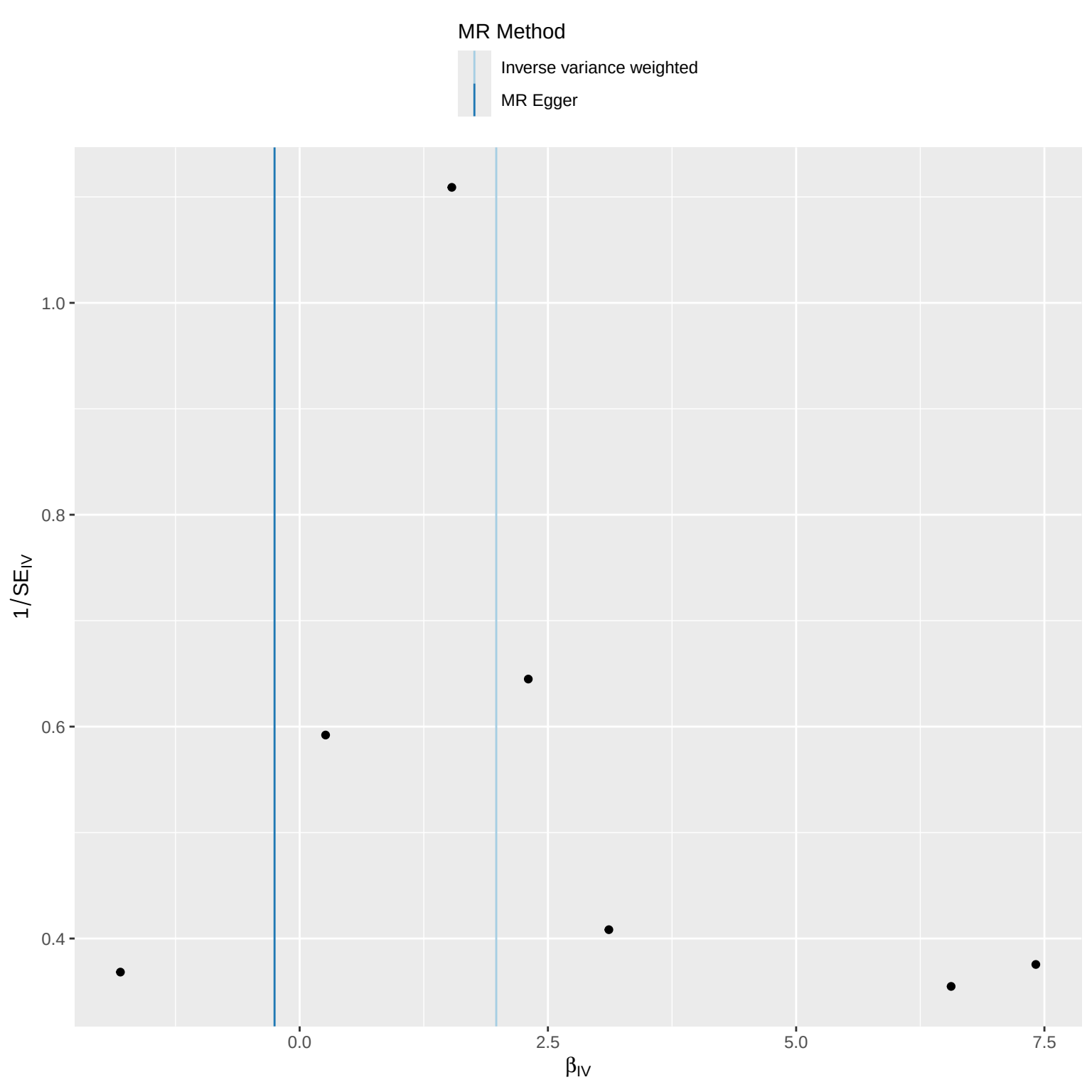

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

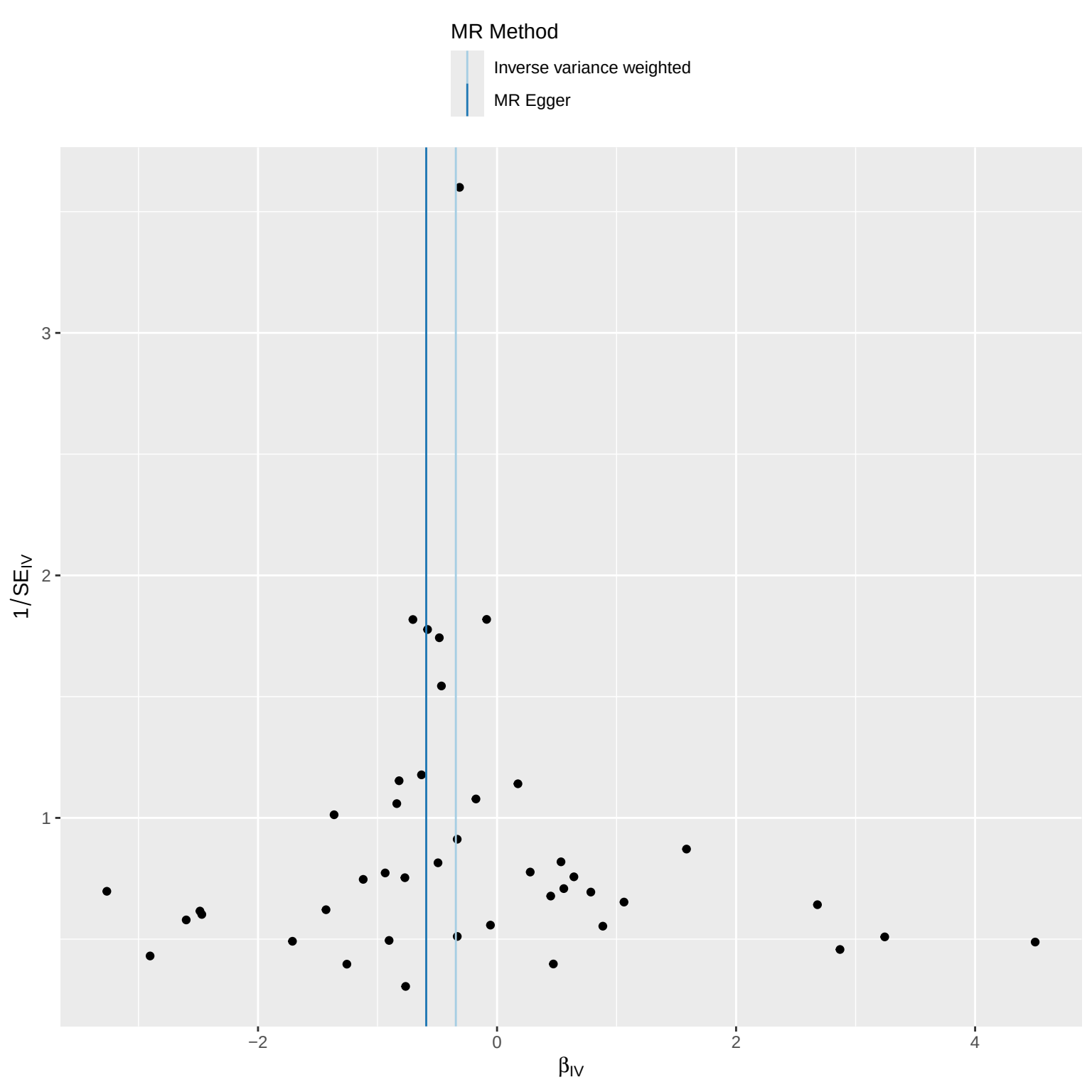

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

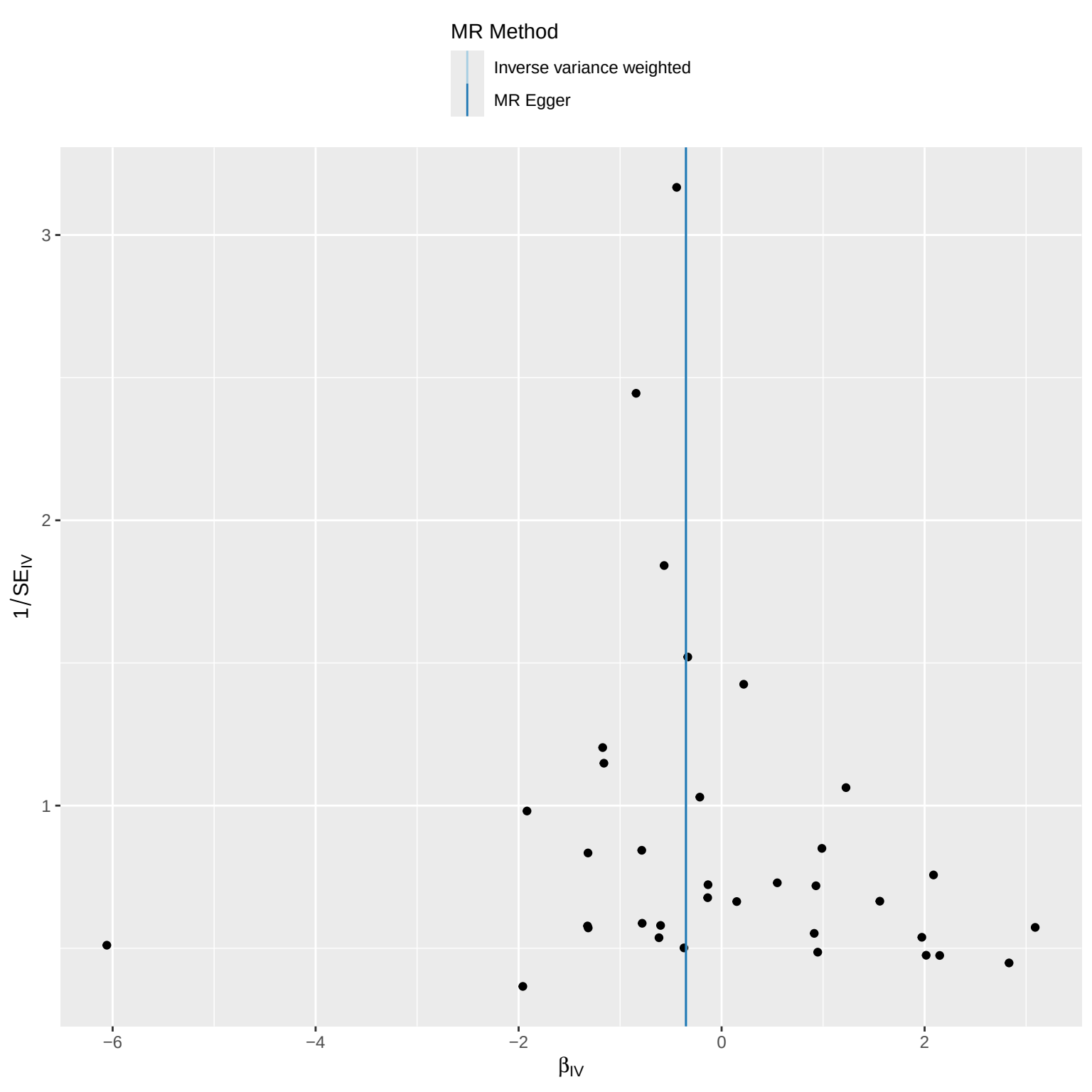

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−4
−3
−2
−1
0
β_IV

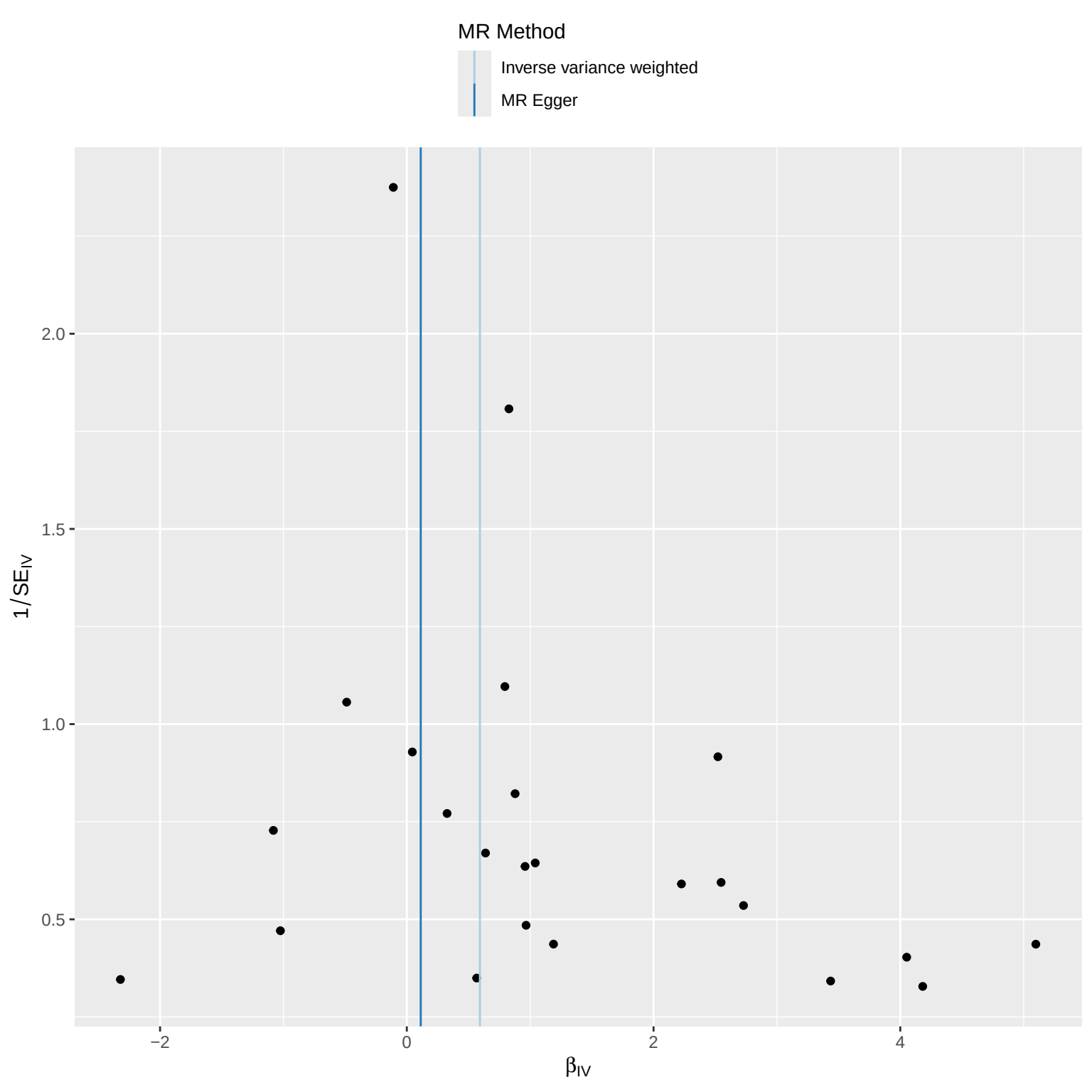

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

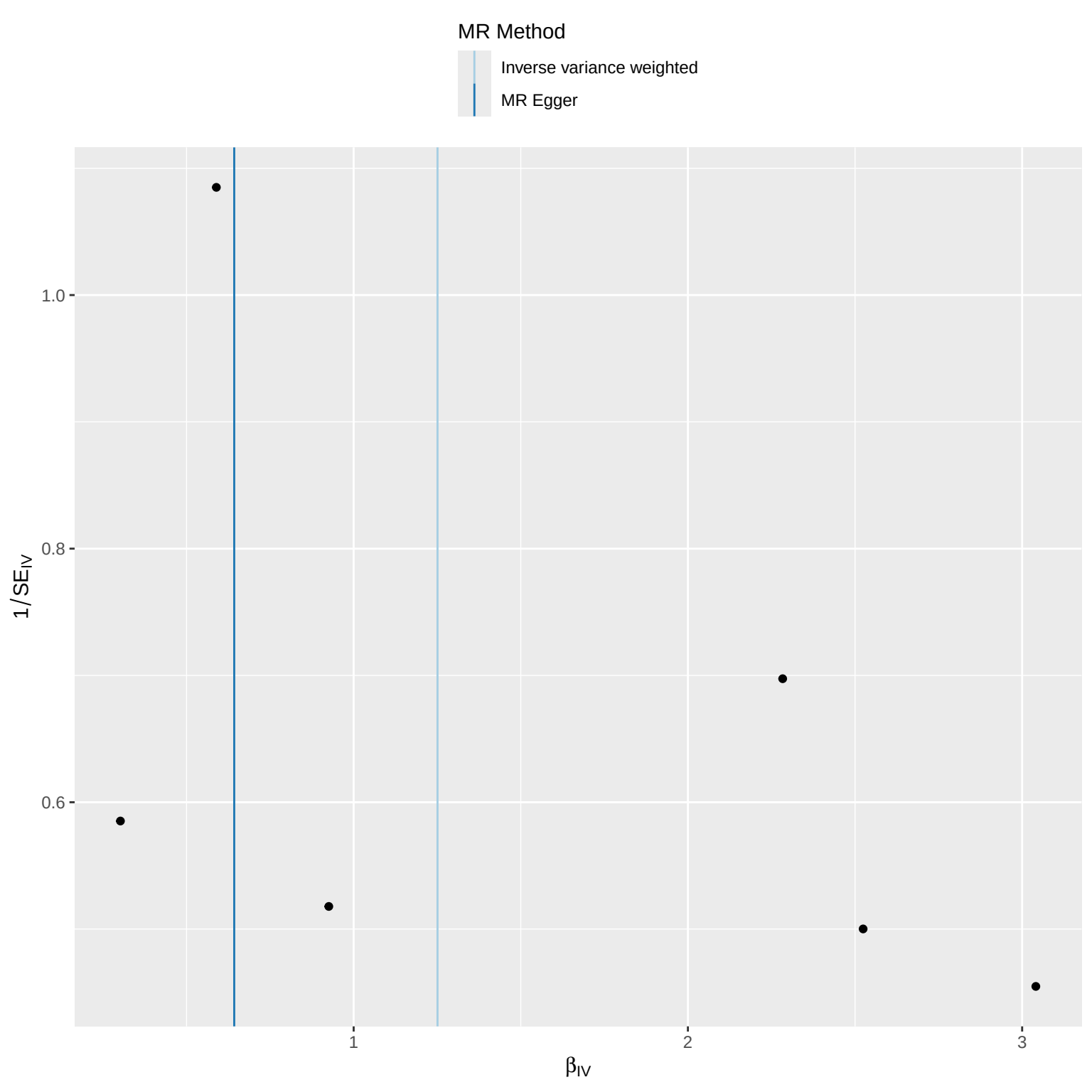

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5
−4
−3
−2
−1
0
1
β_IV

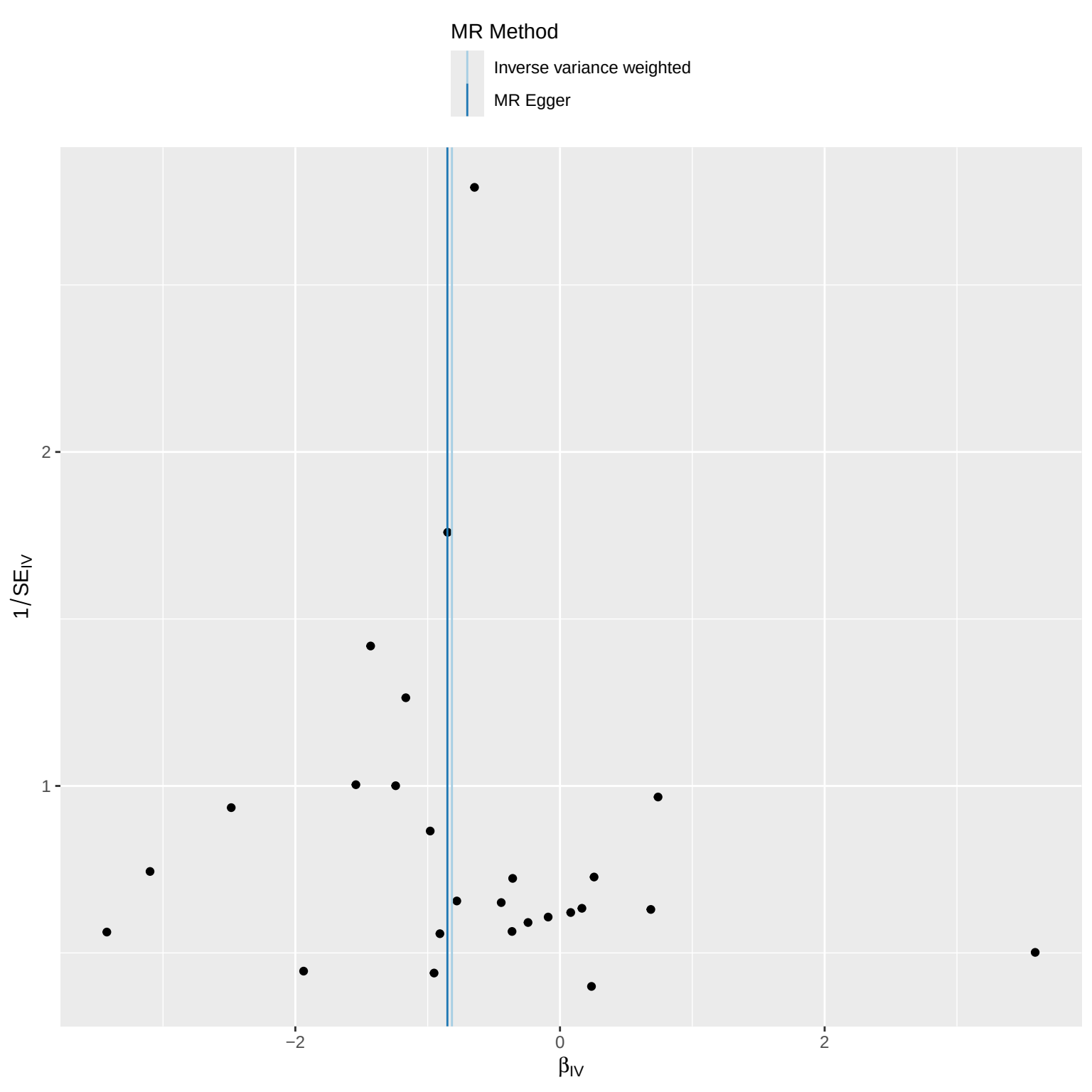

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0.0
2.5
5.0
7.5
β_IV

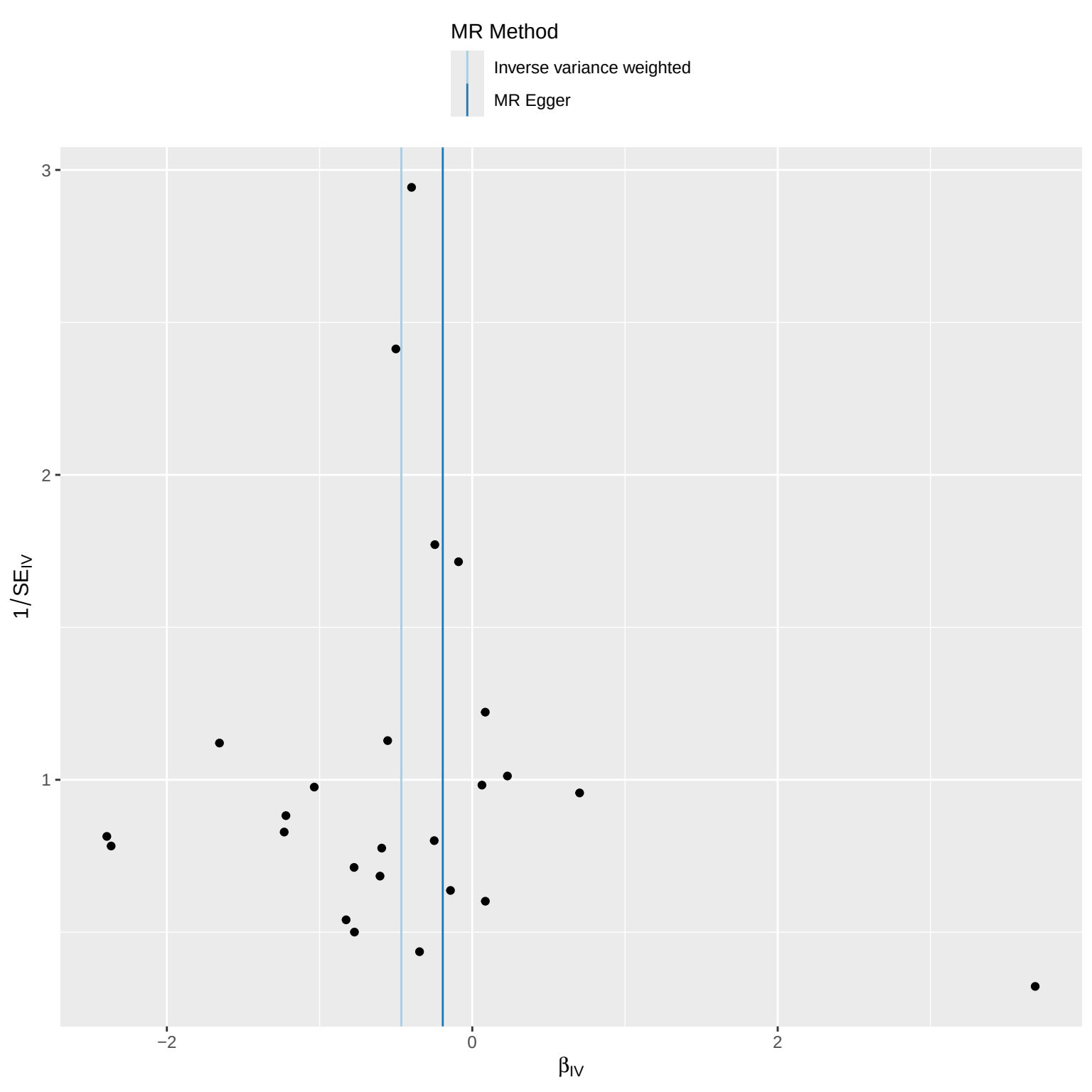

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

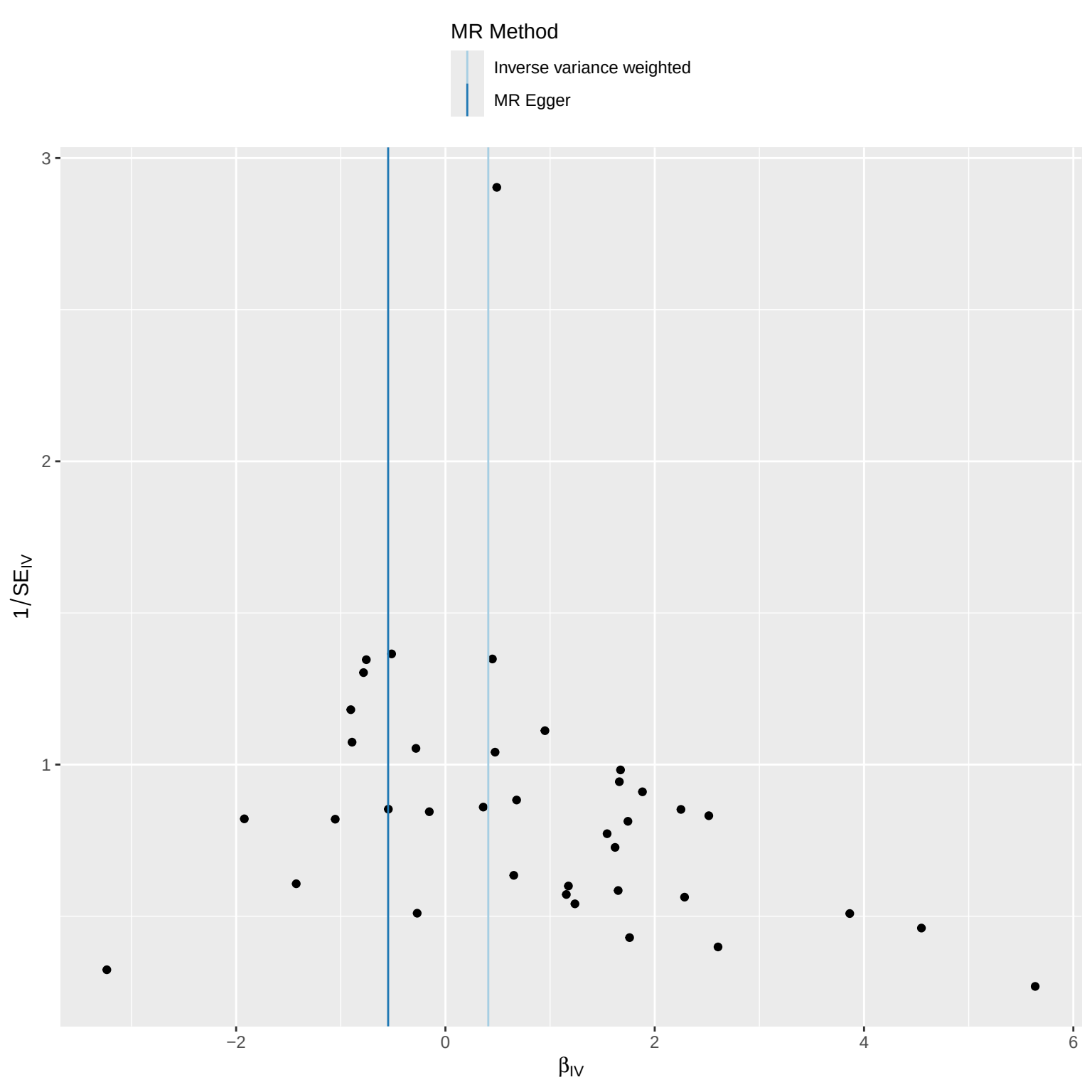

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

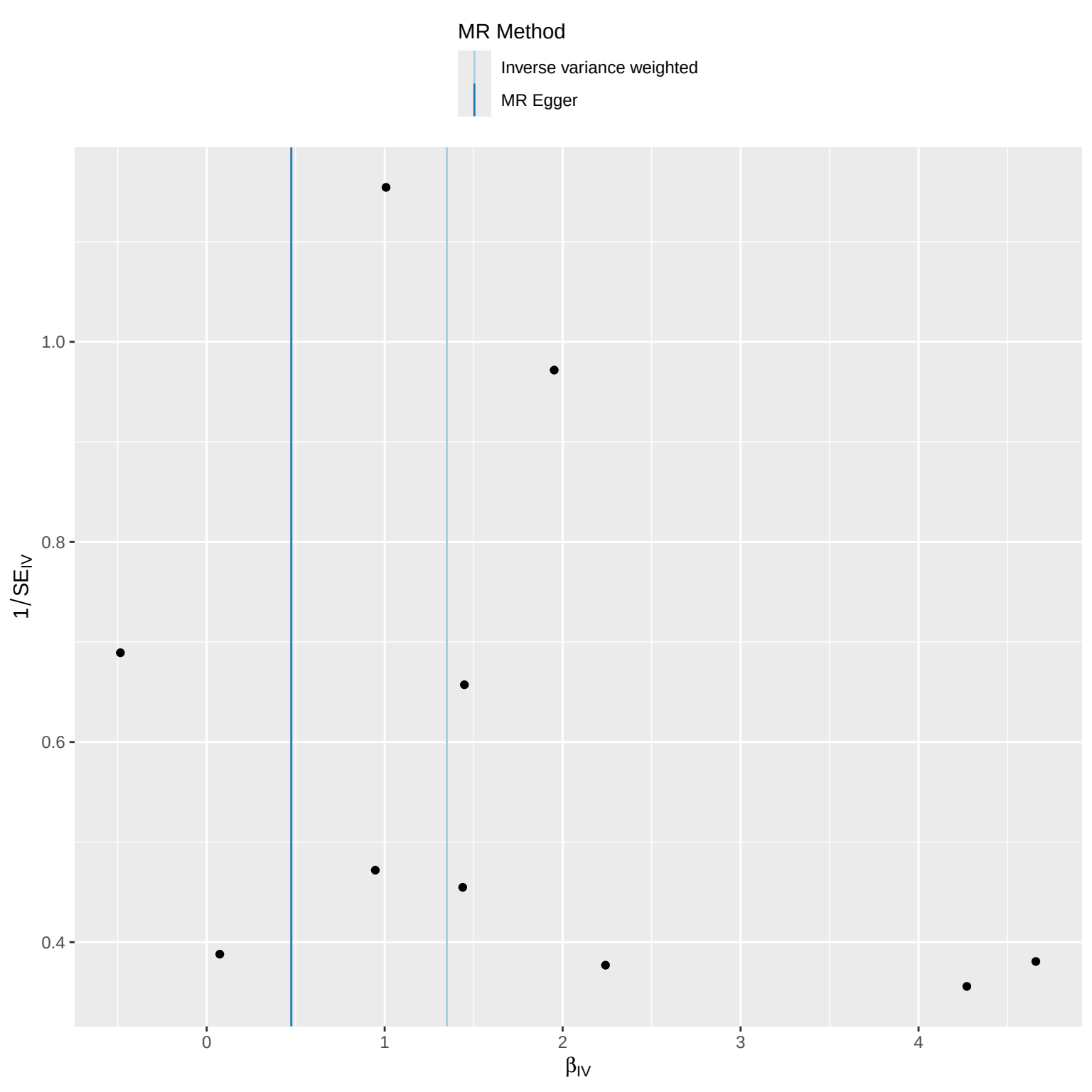

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

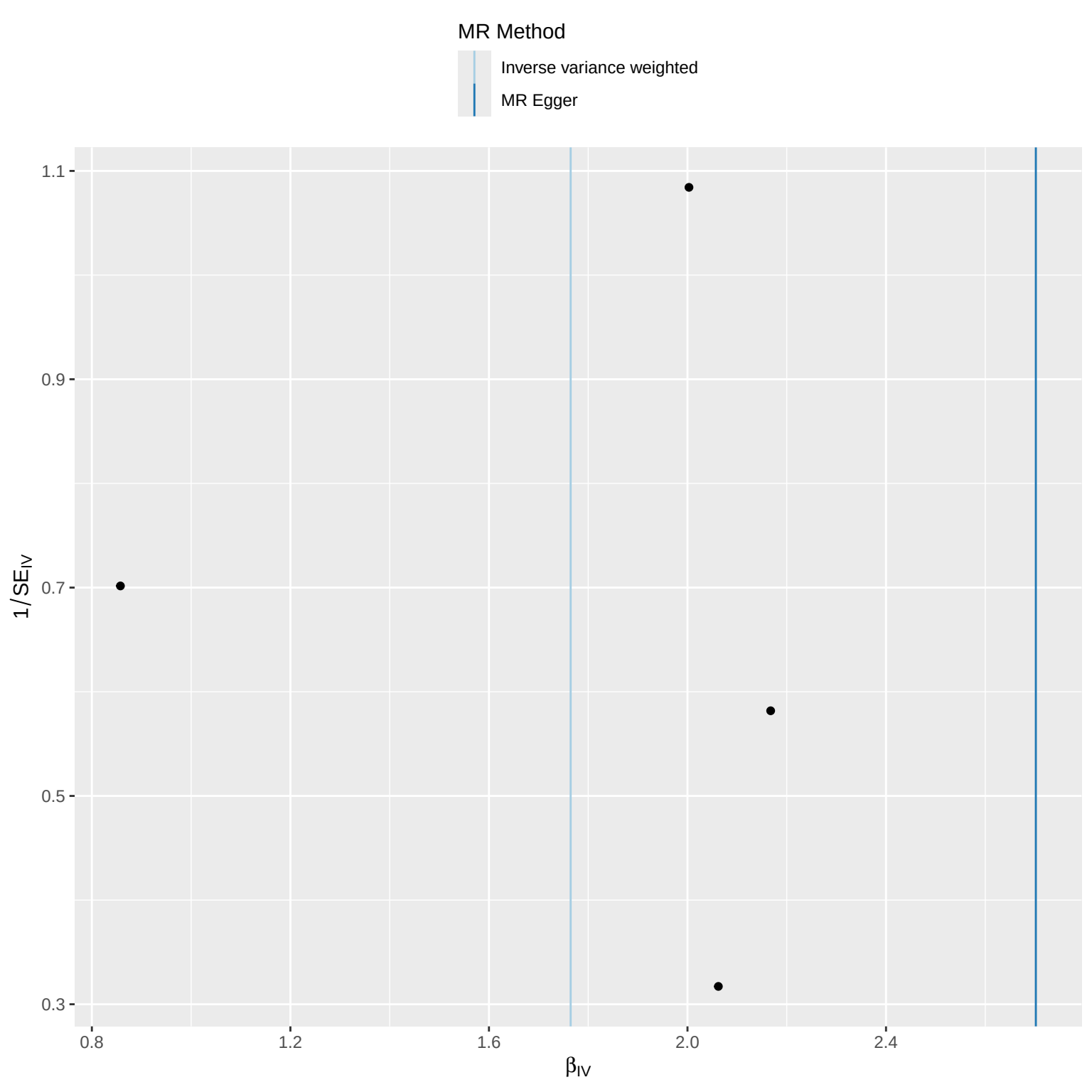

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
1
2
3
β_IV

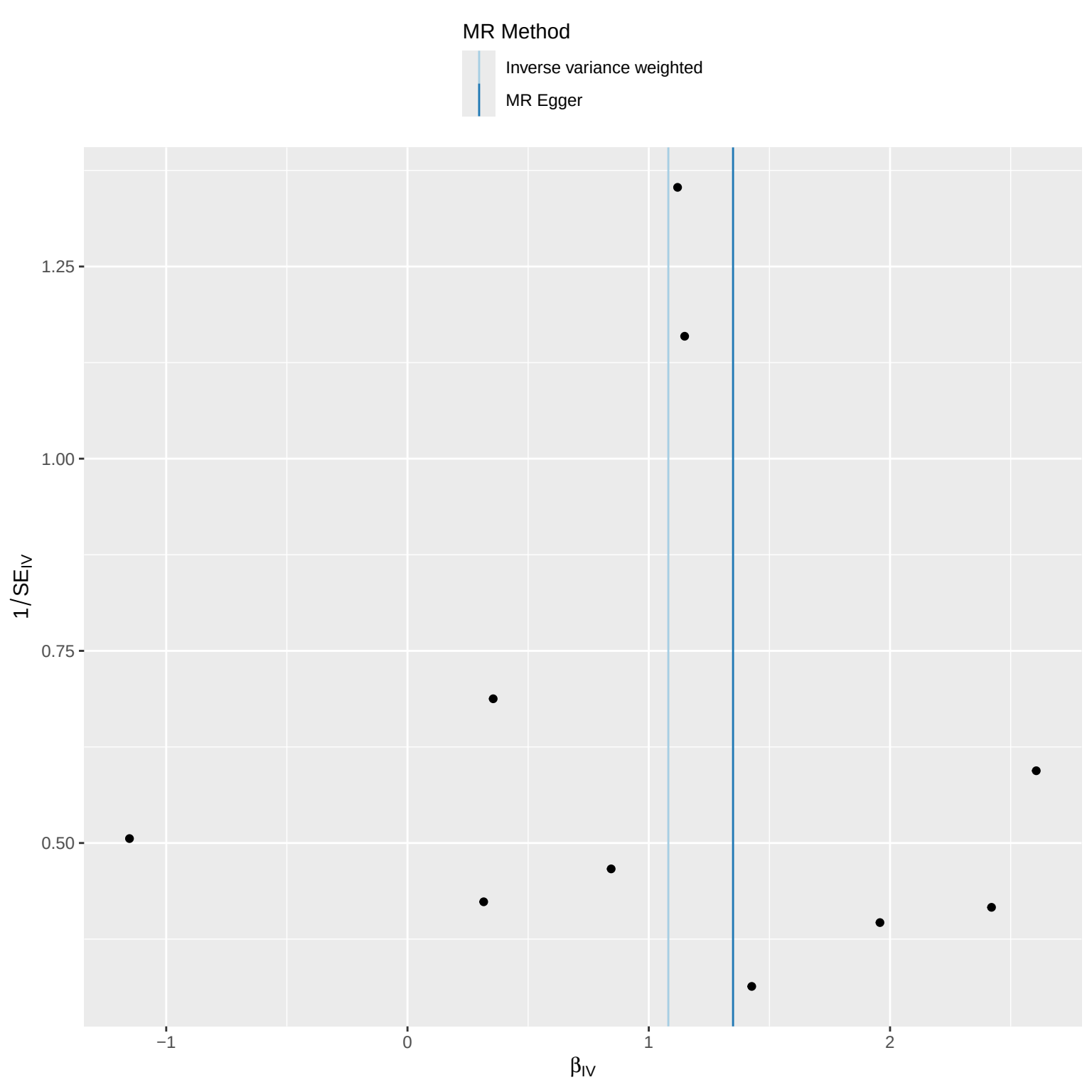

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

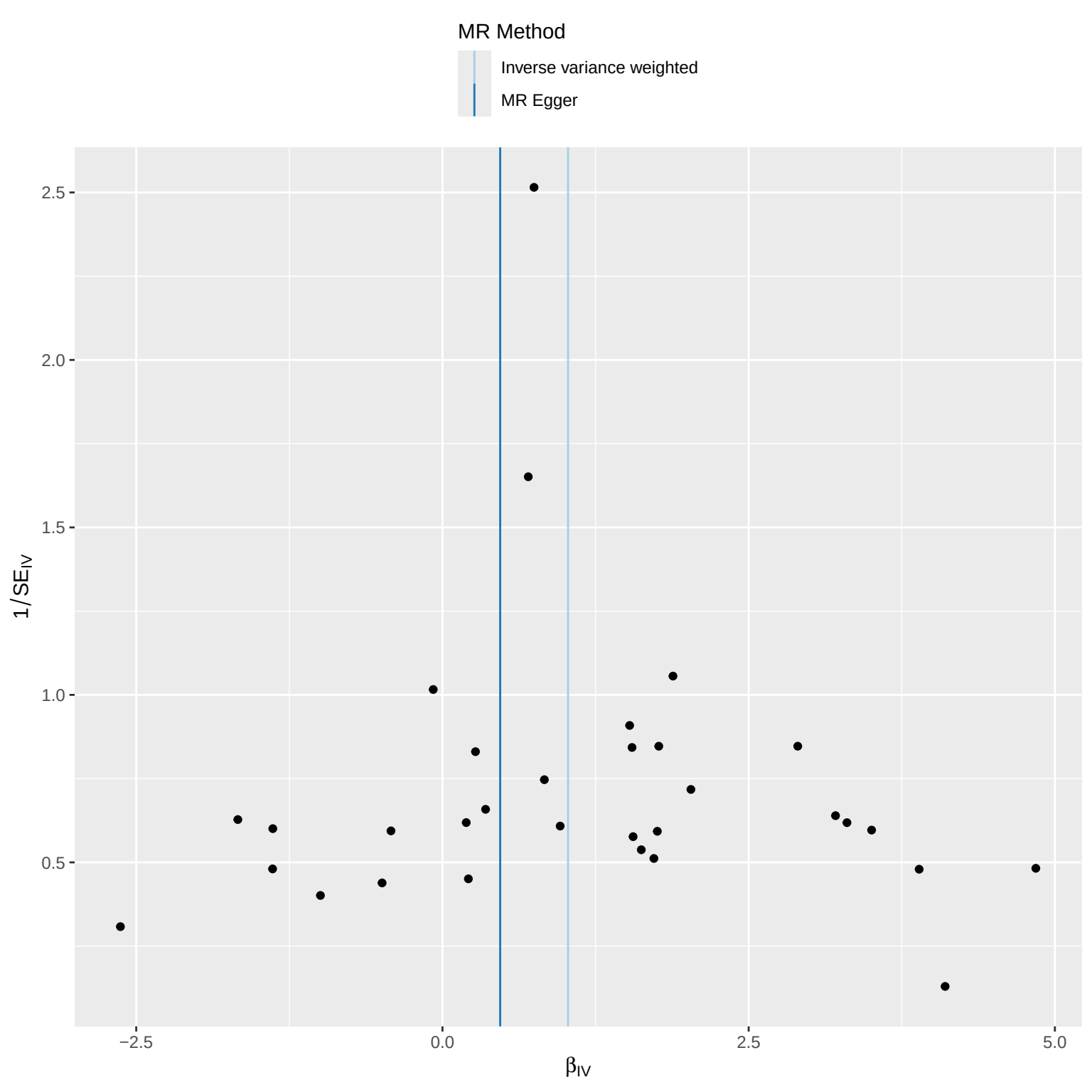

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

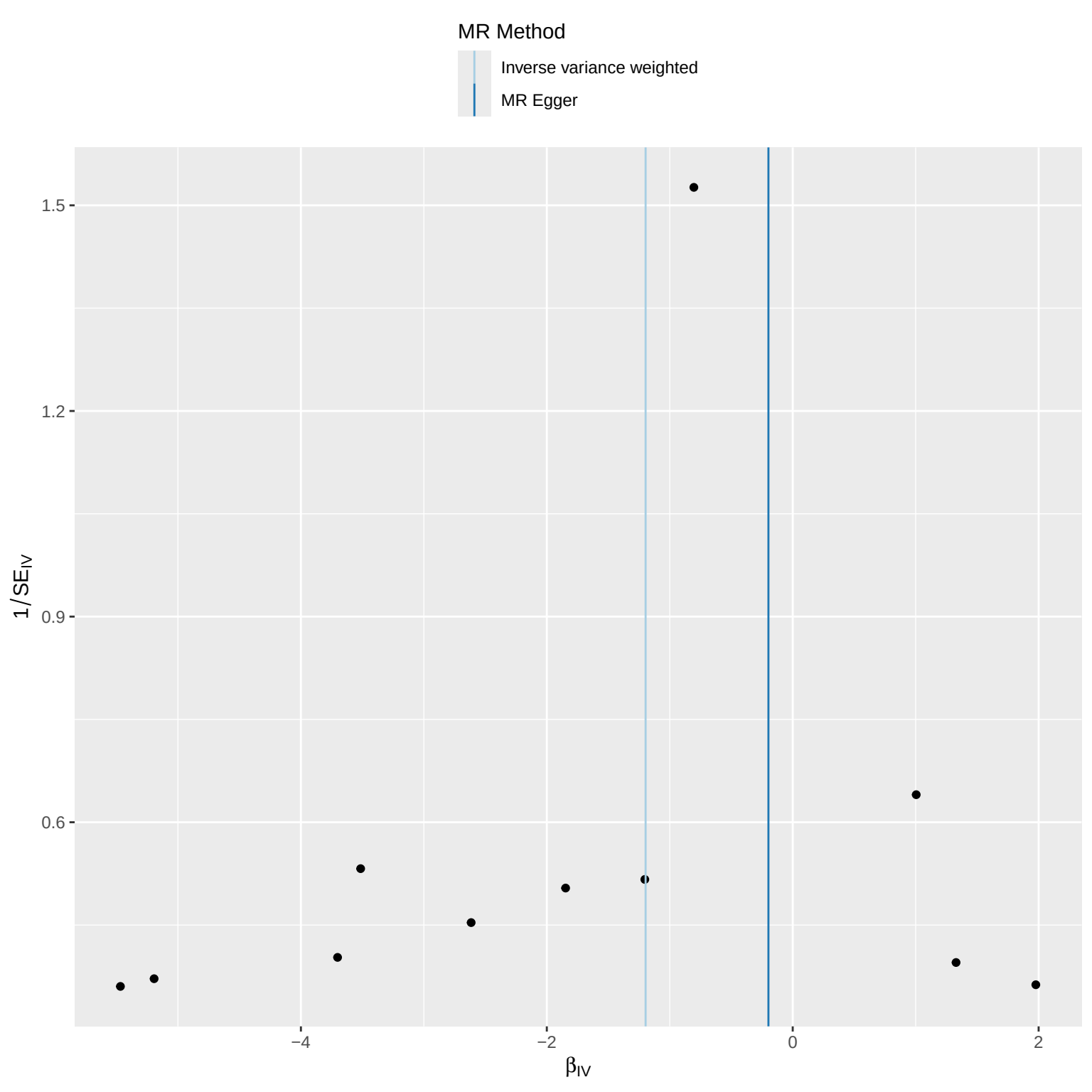

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

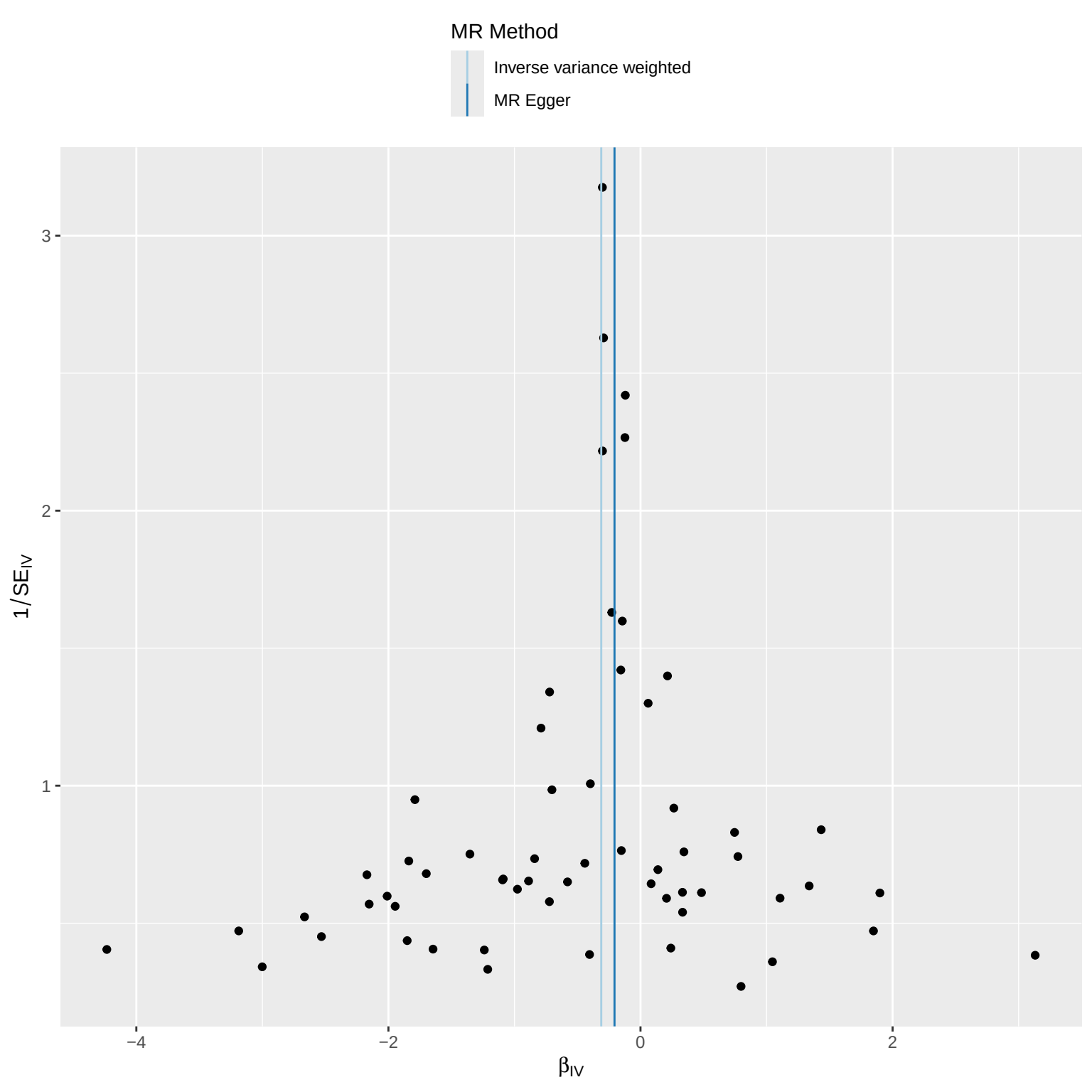

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
4
β_IV

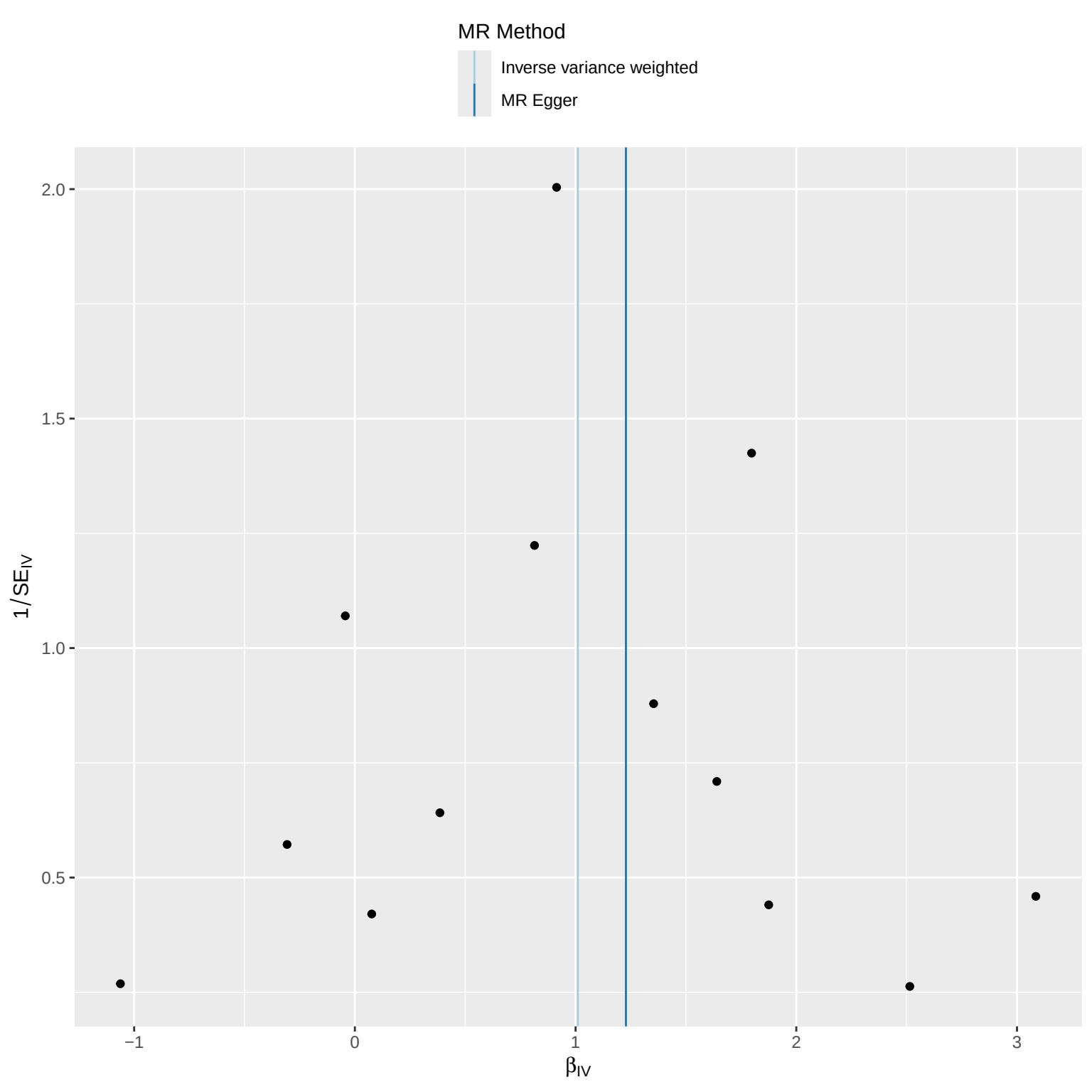

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
0.3
1/SE_IV
0.8
1.2
1.6
2.0
2.4
β_IV

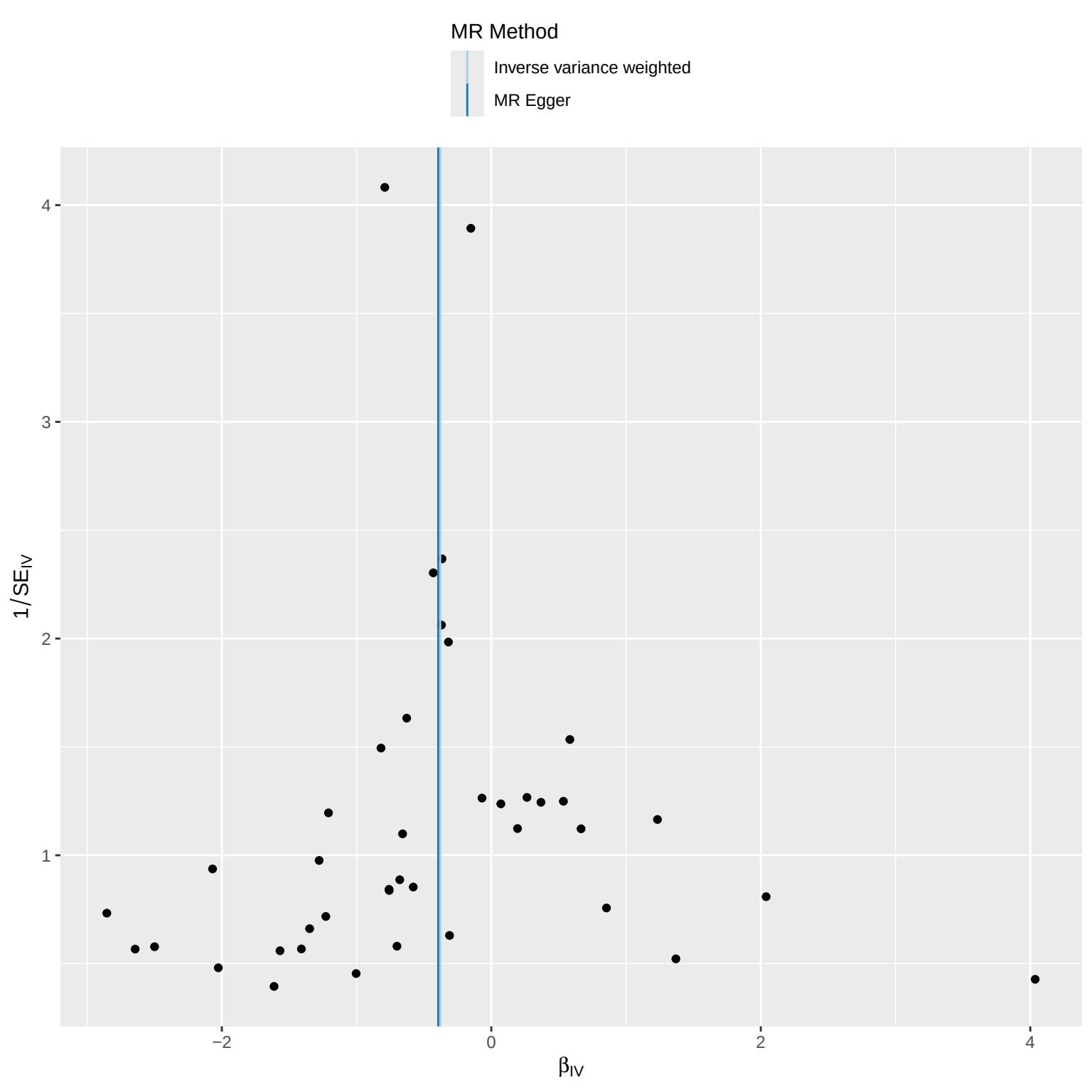

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
β_IV

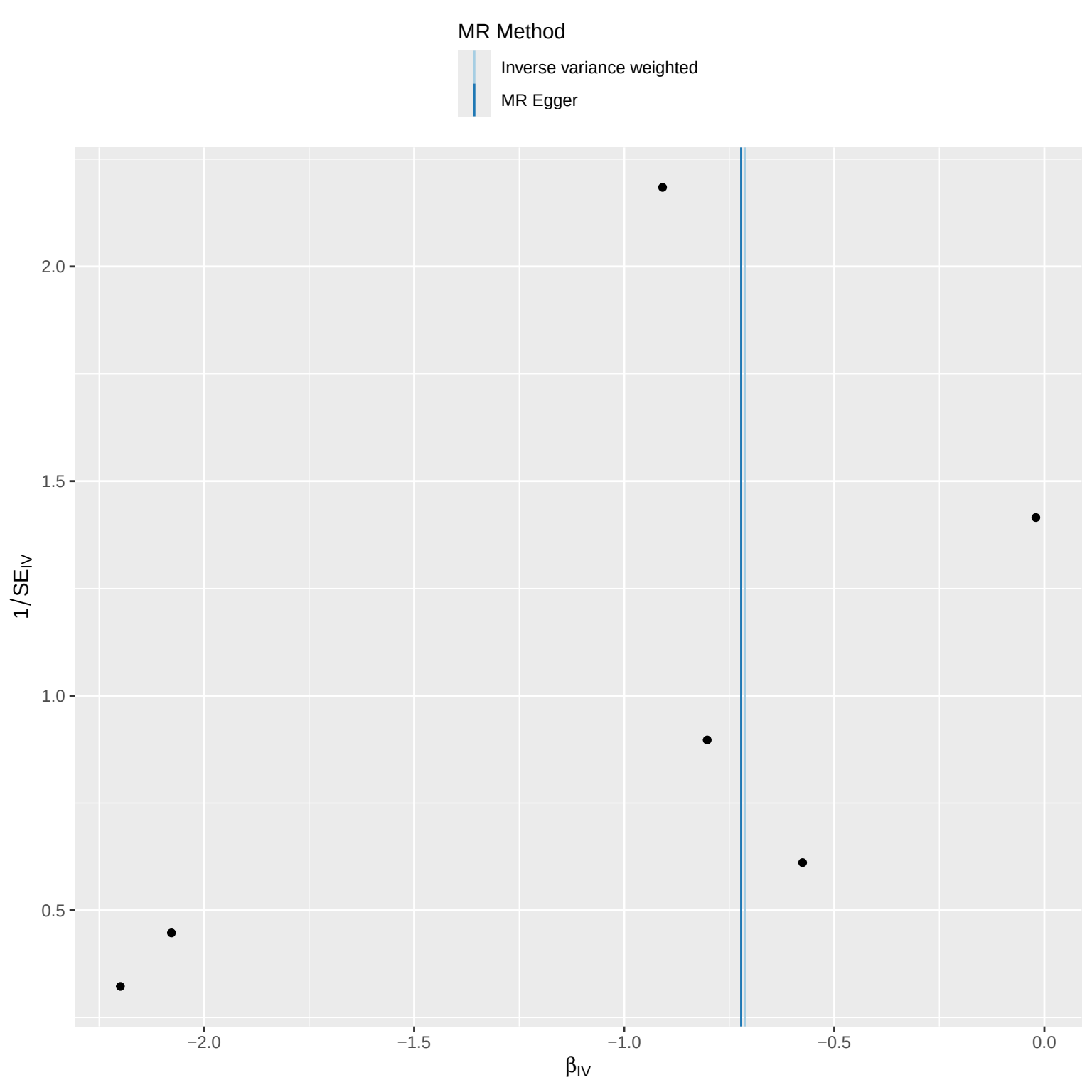

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

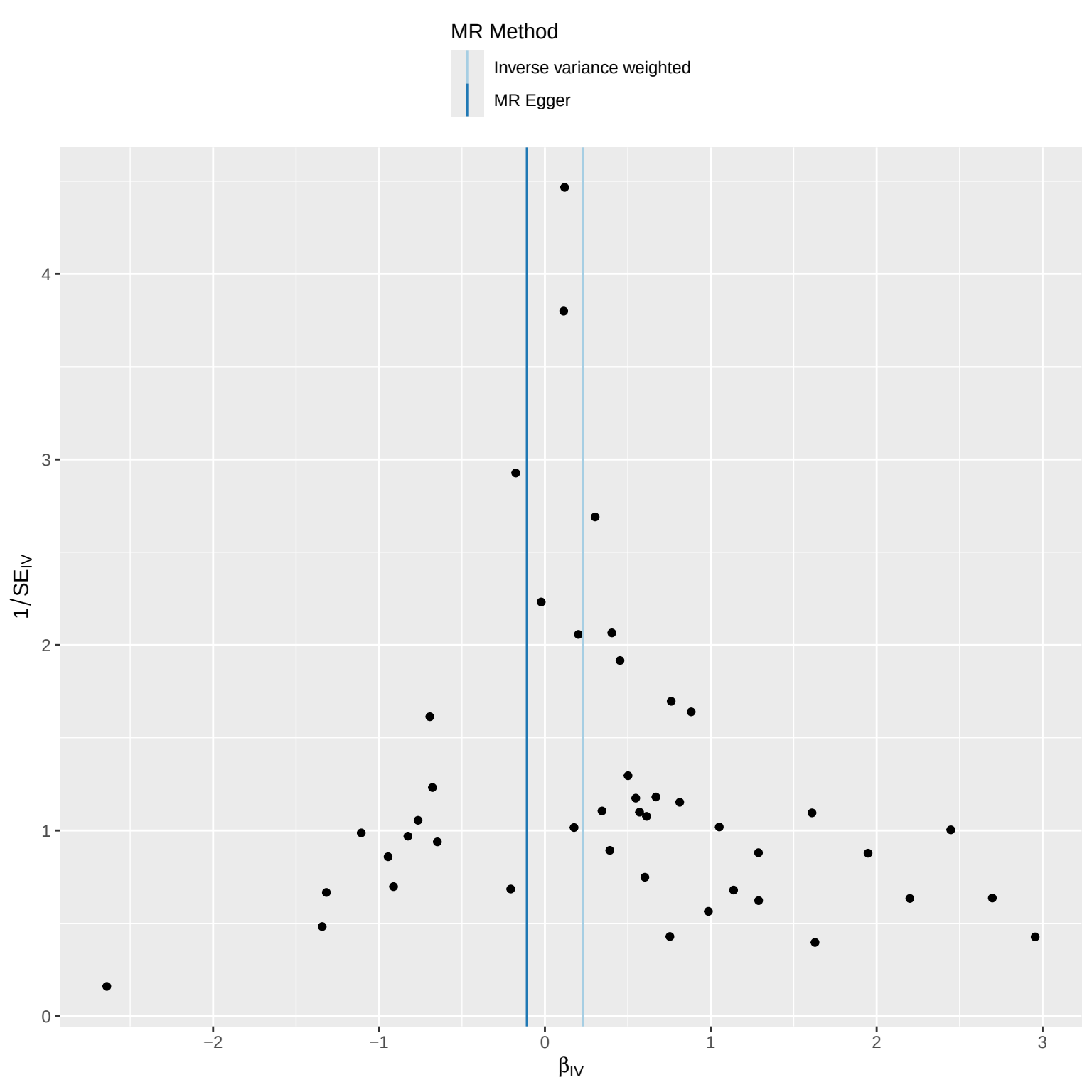

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−4
−2
0
2
β_IV

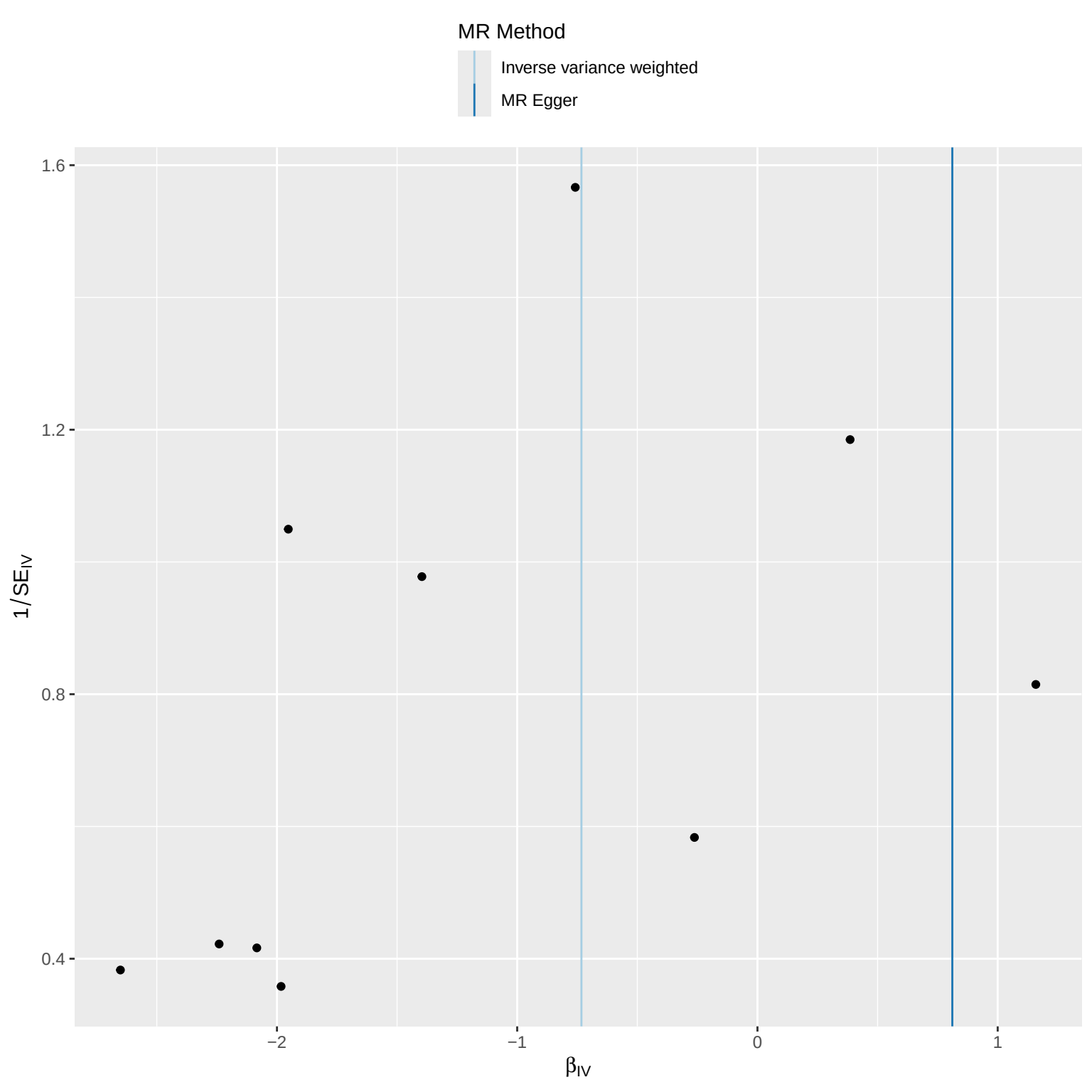

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

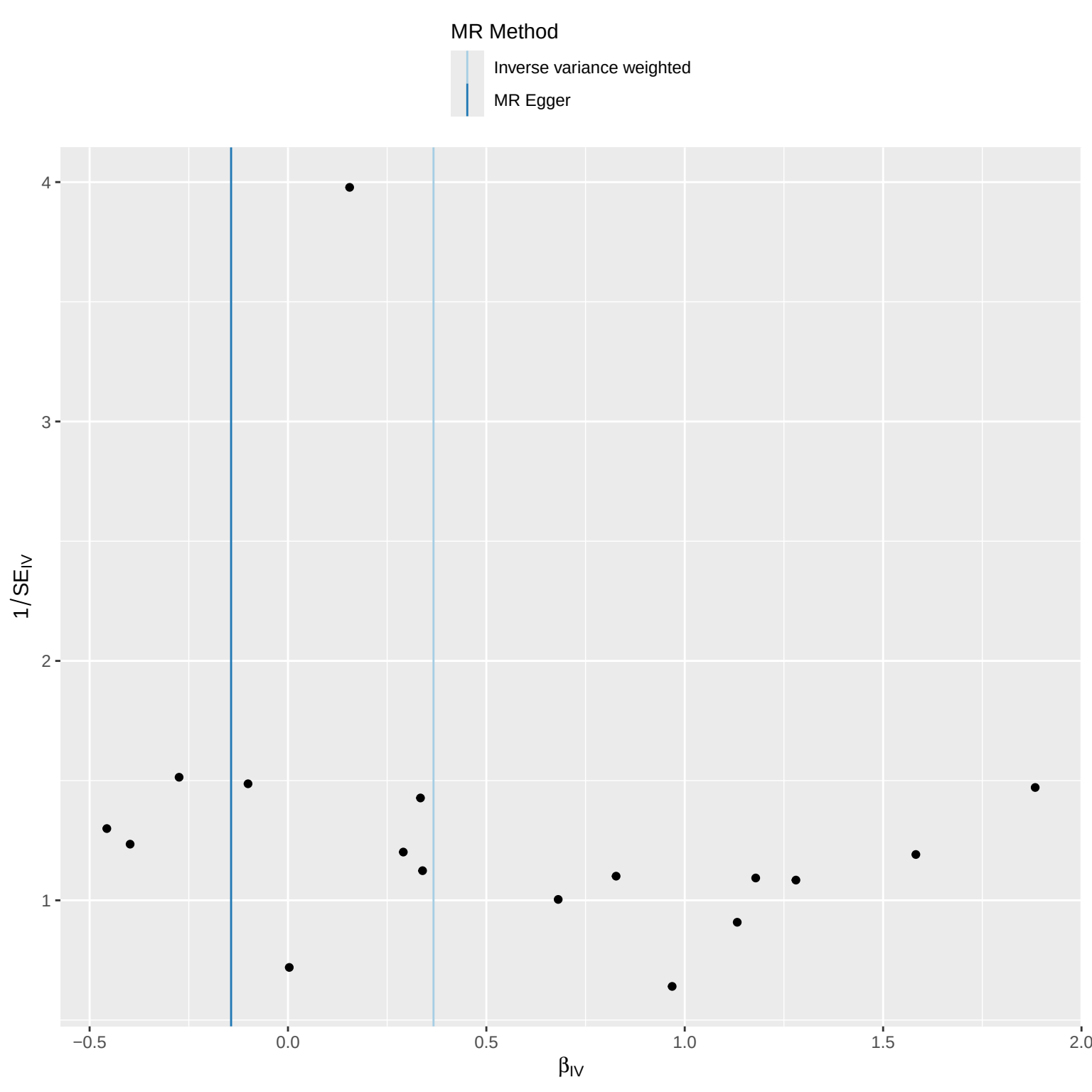

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

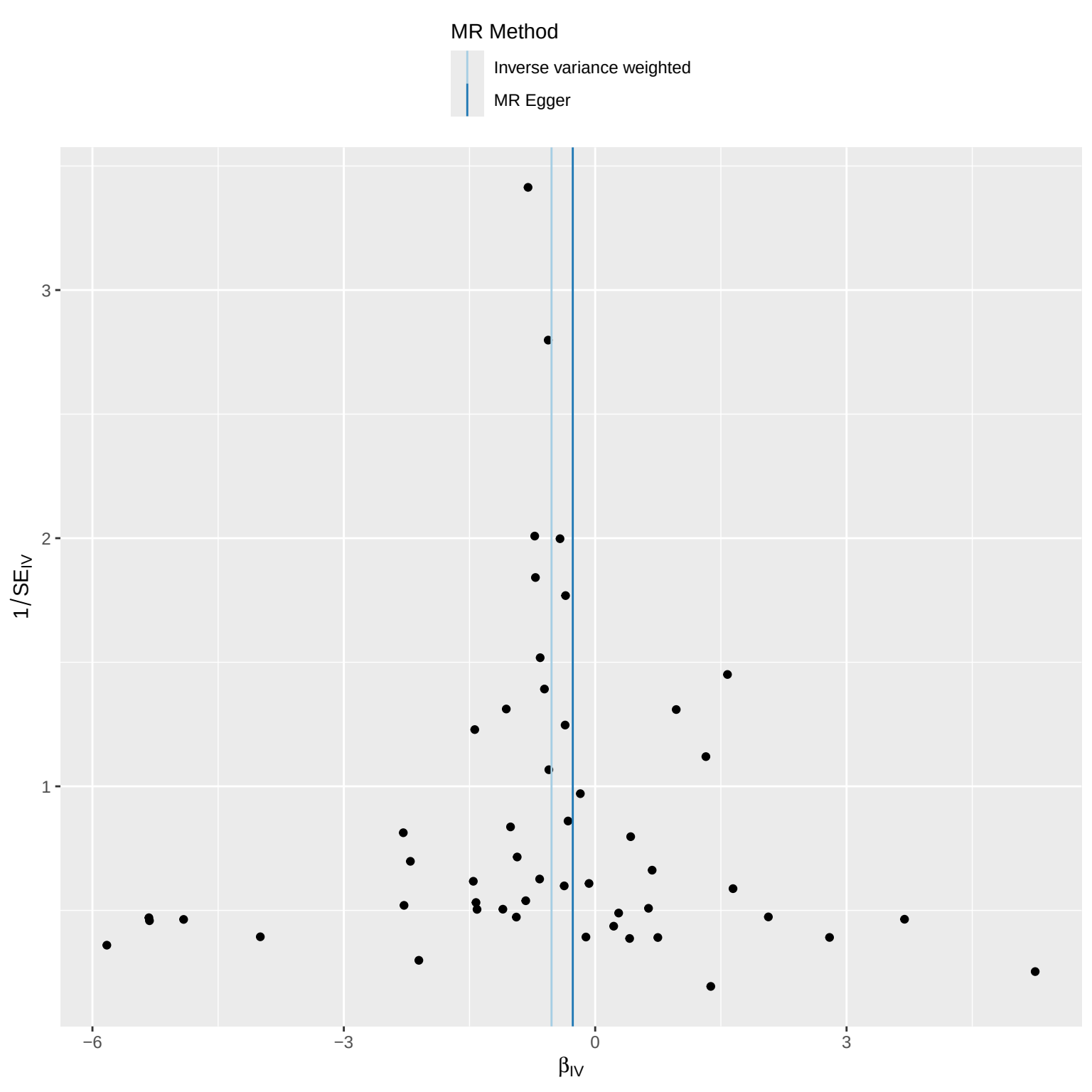

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

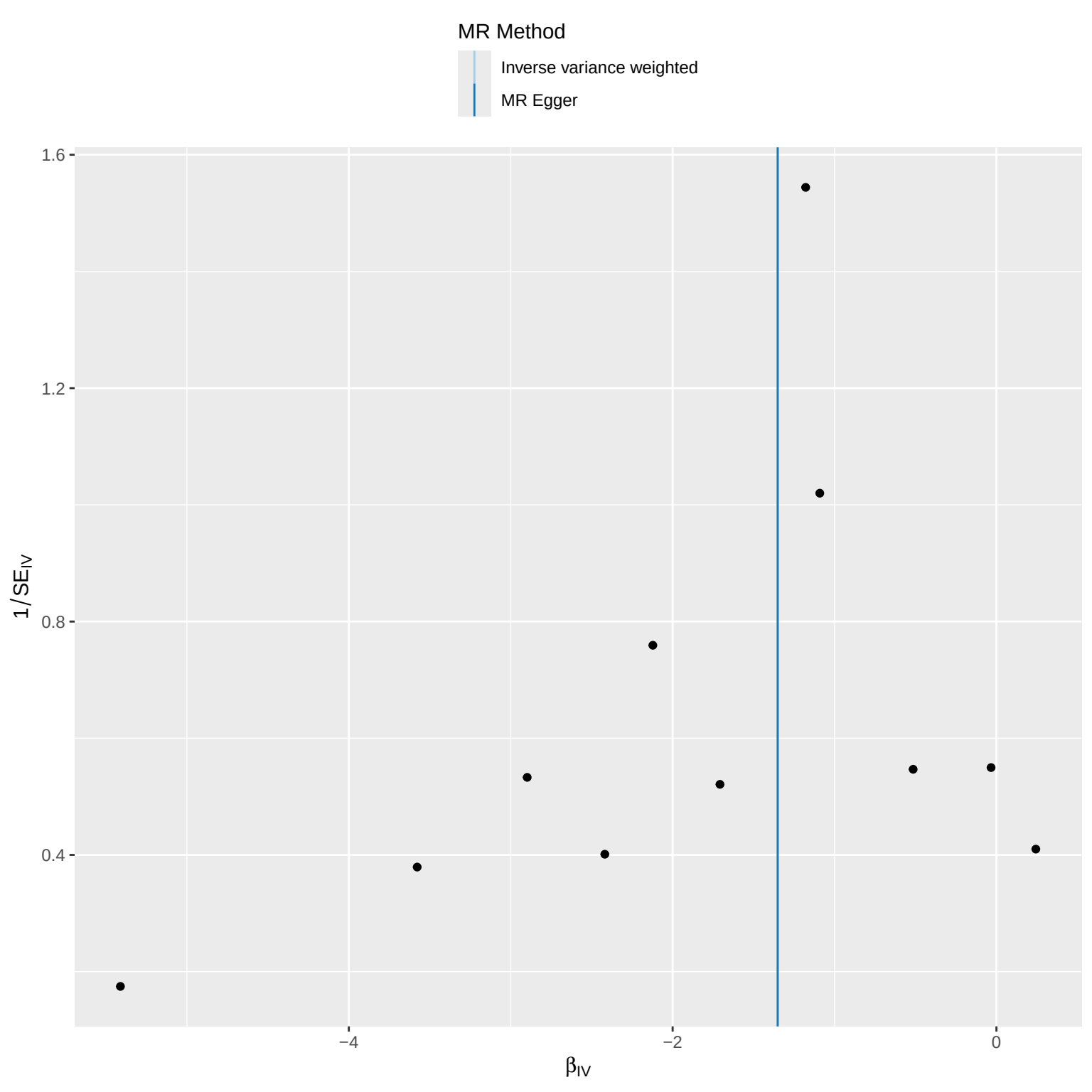

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

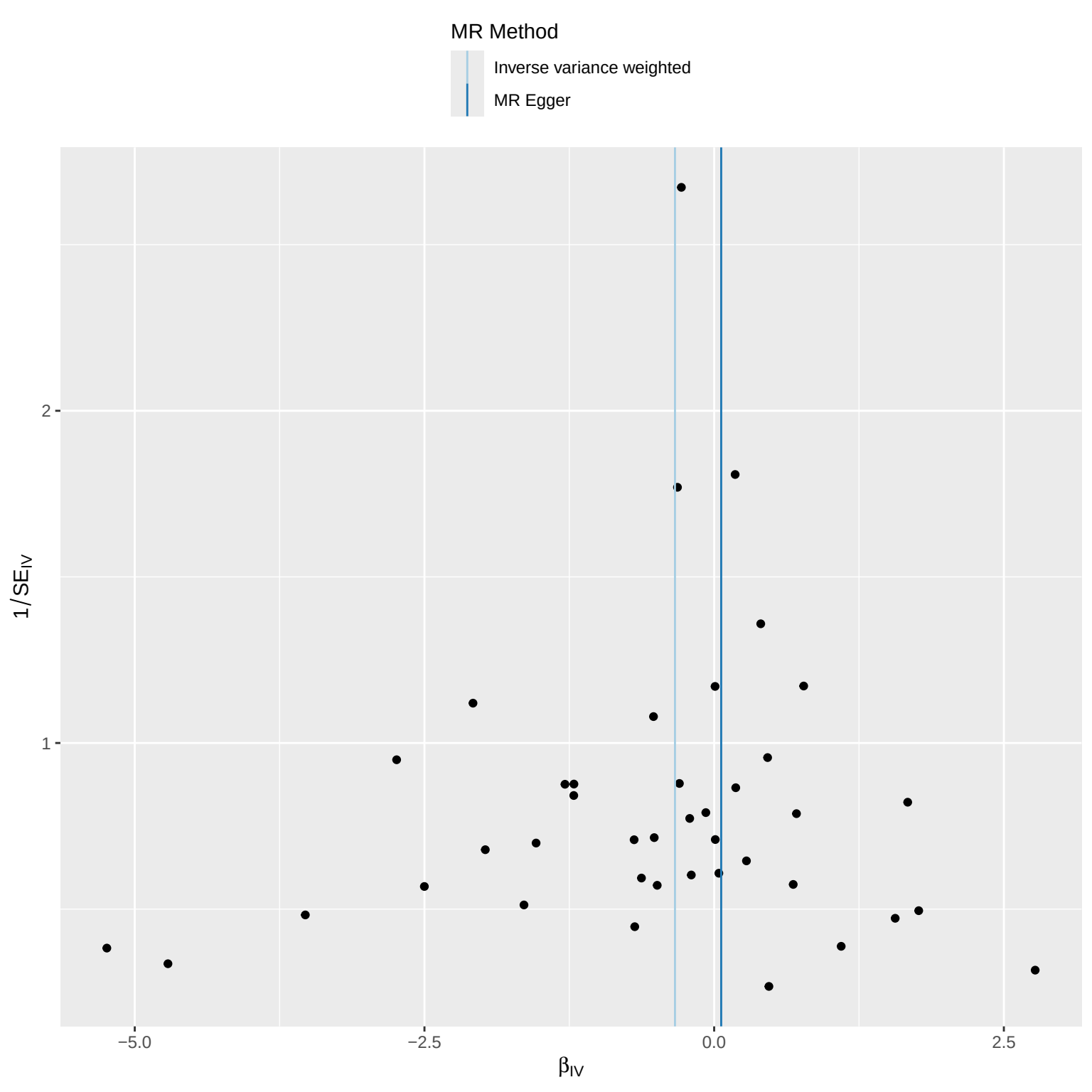

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
0
1
2
3
4
−2
−1
0
1
2
3

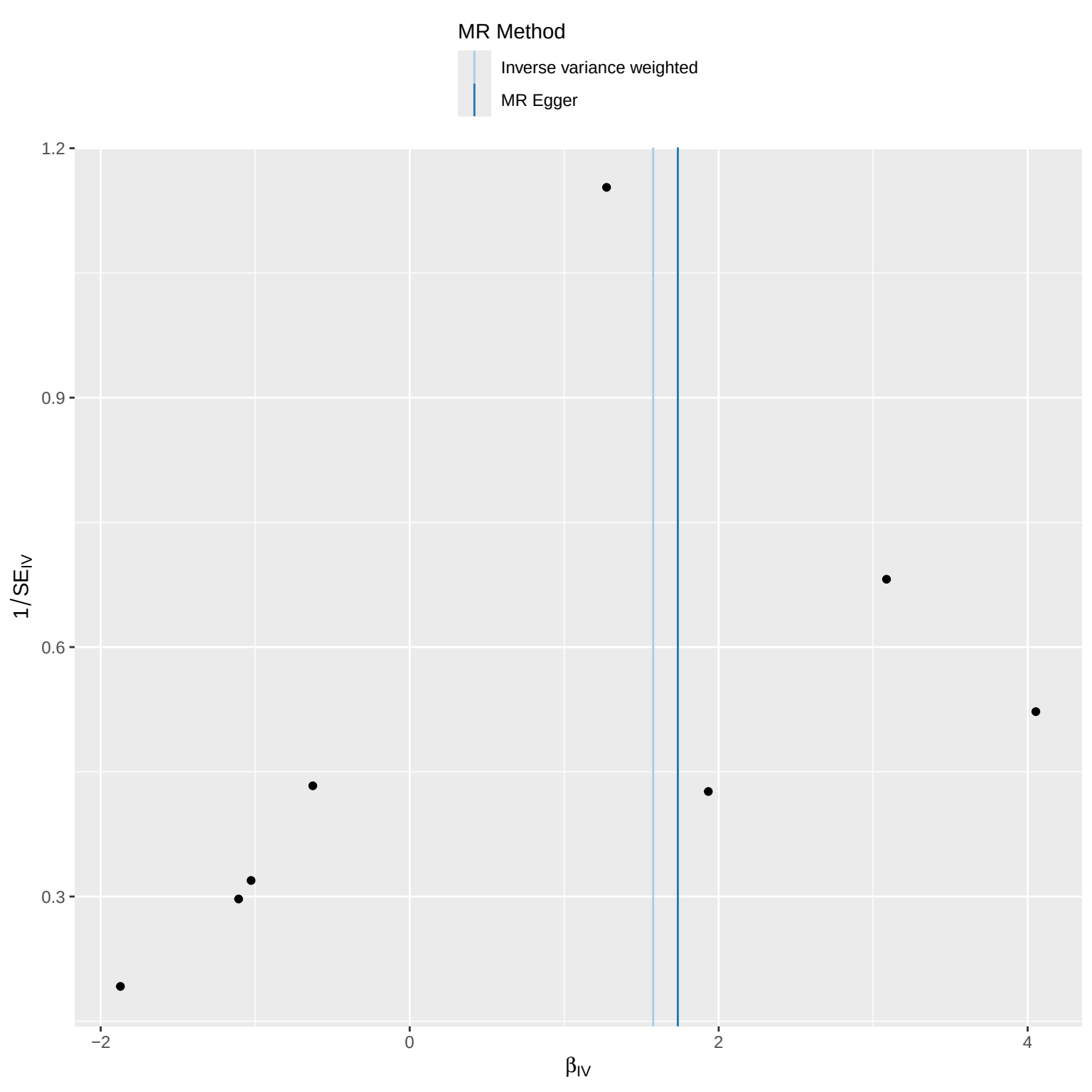

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

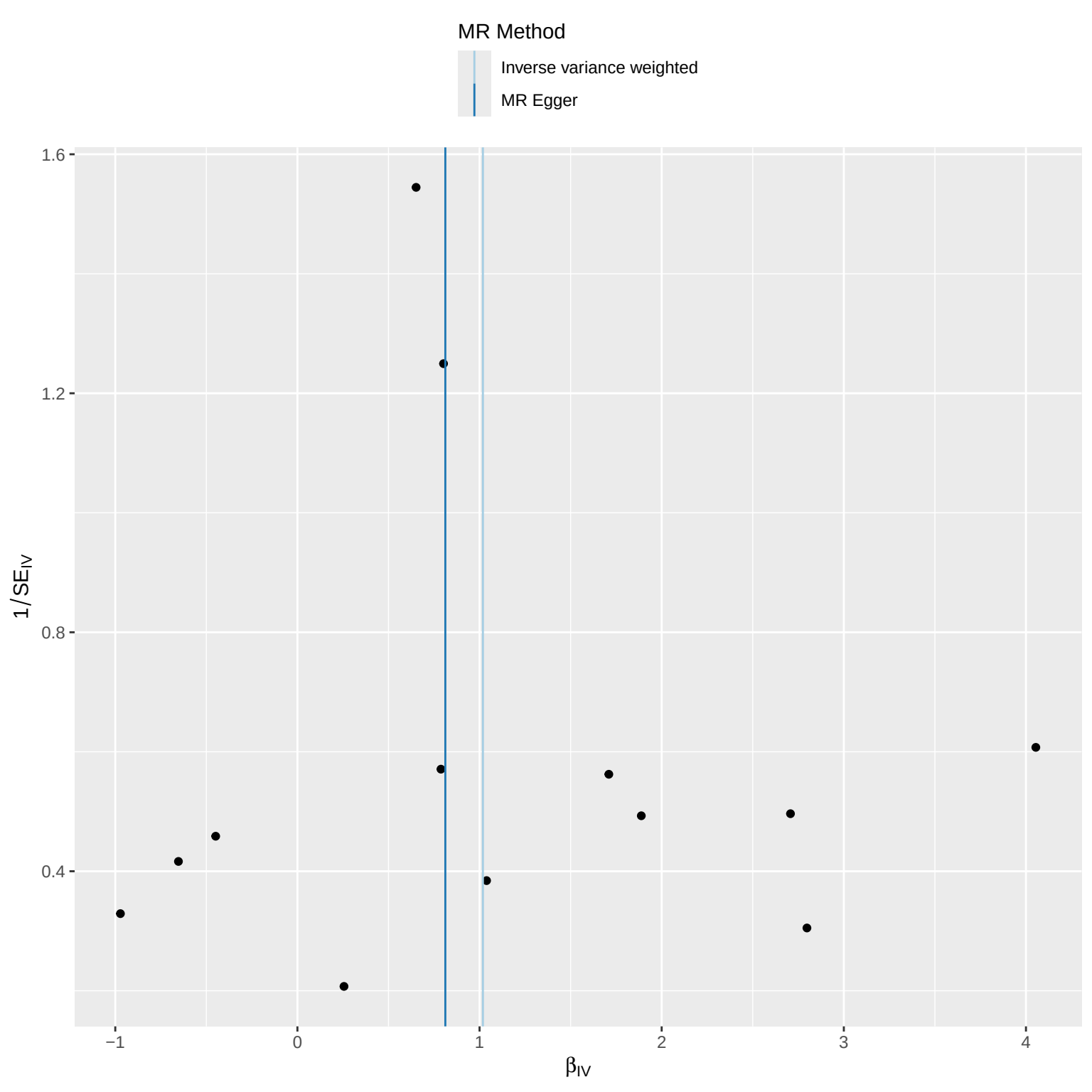

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

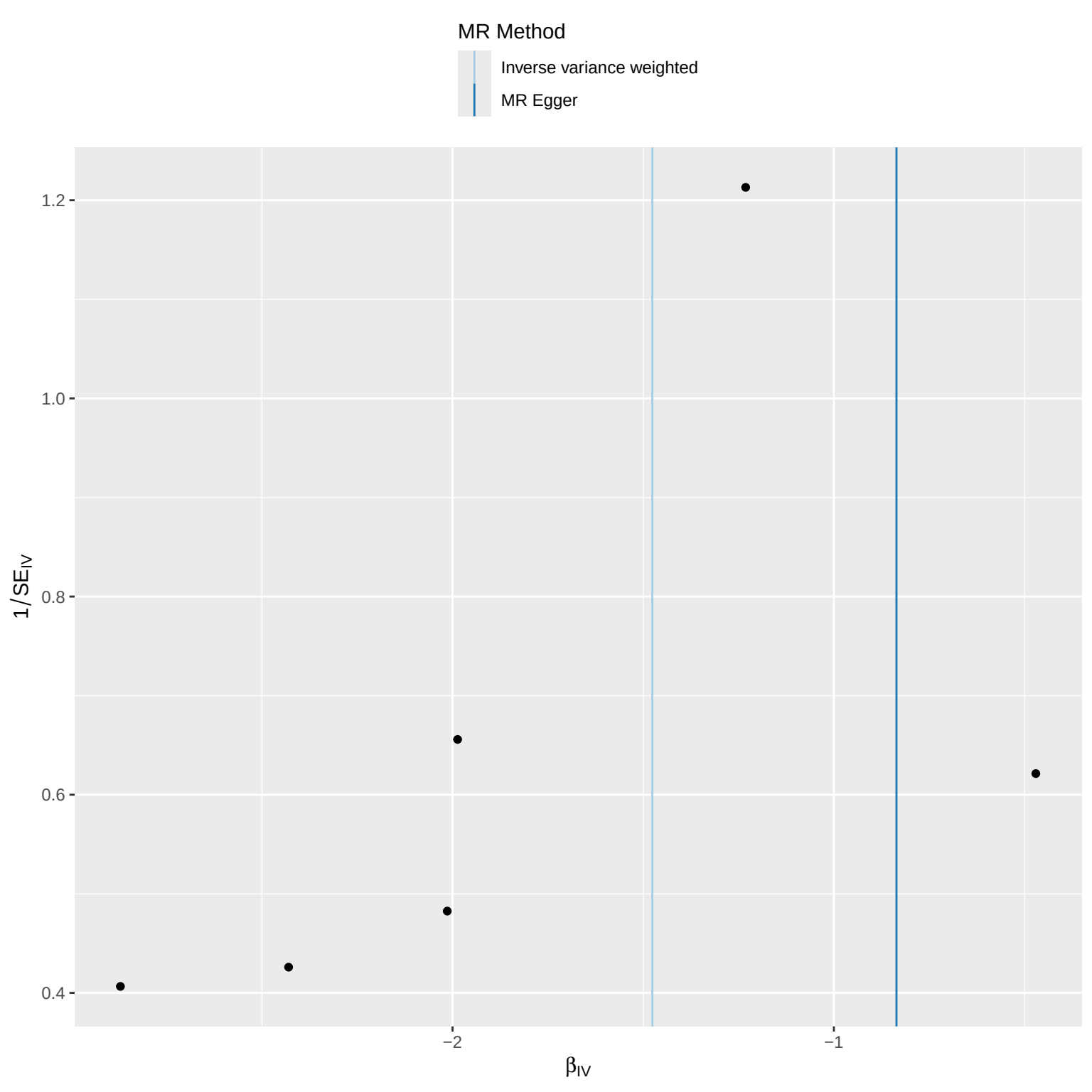

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
3
β_IV

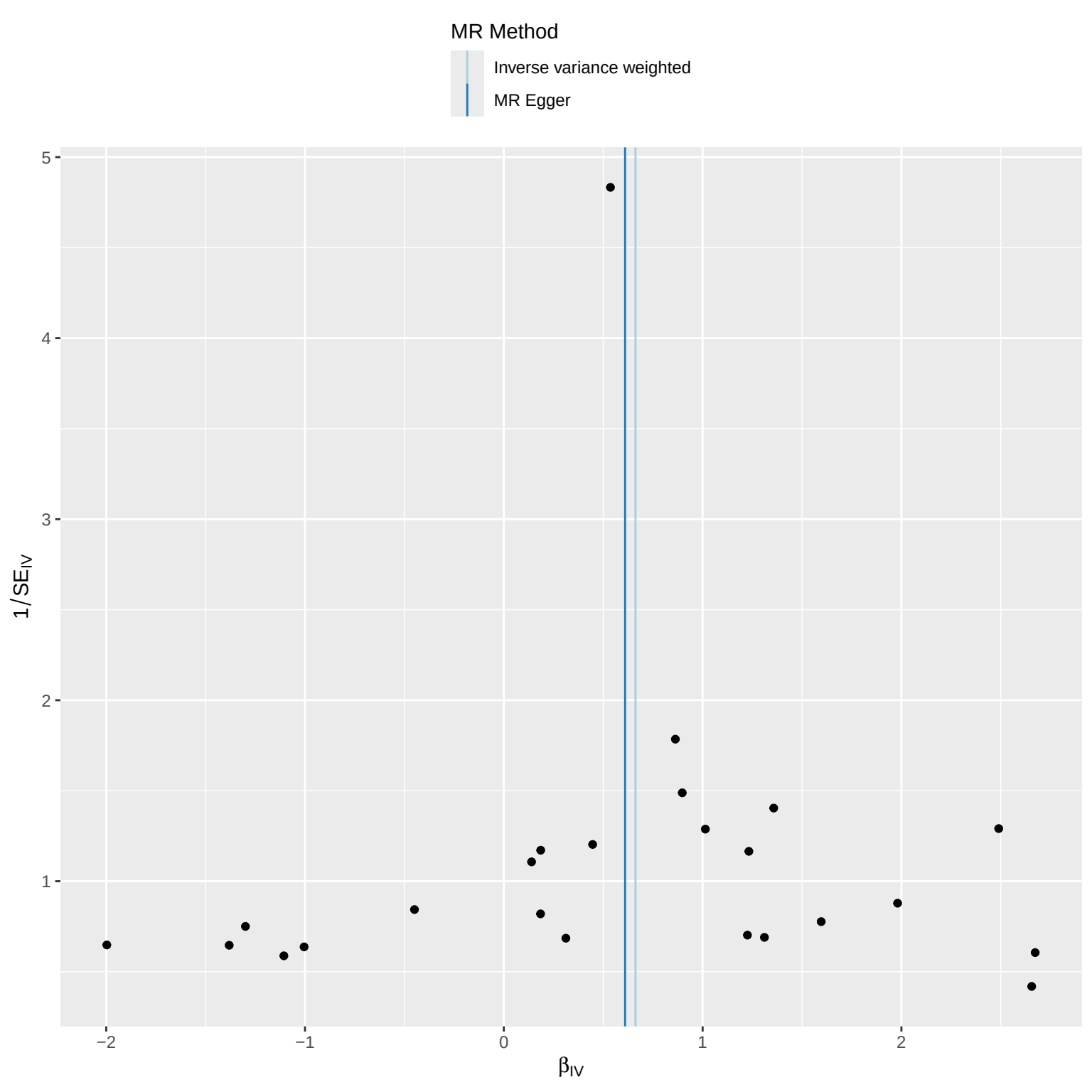

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
β_IV

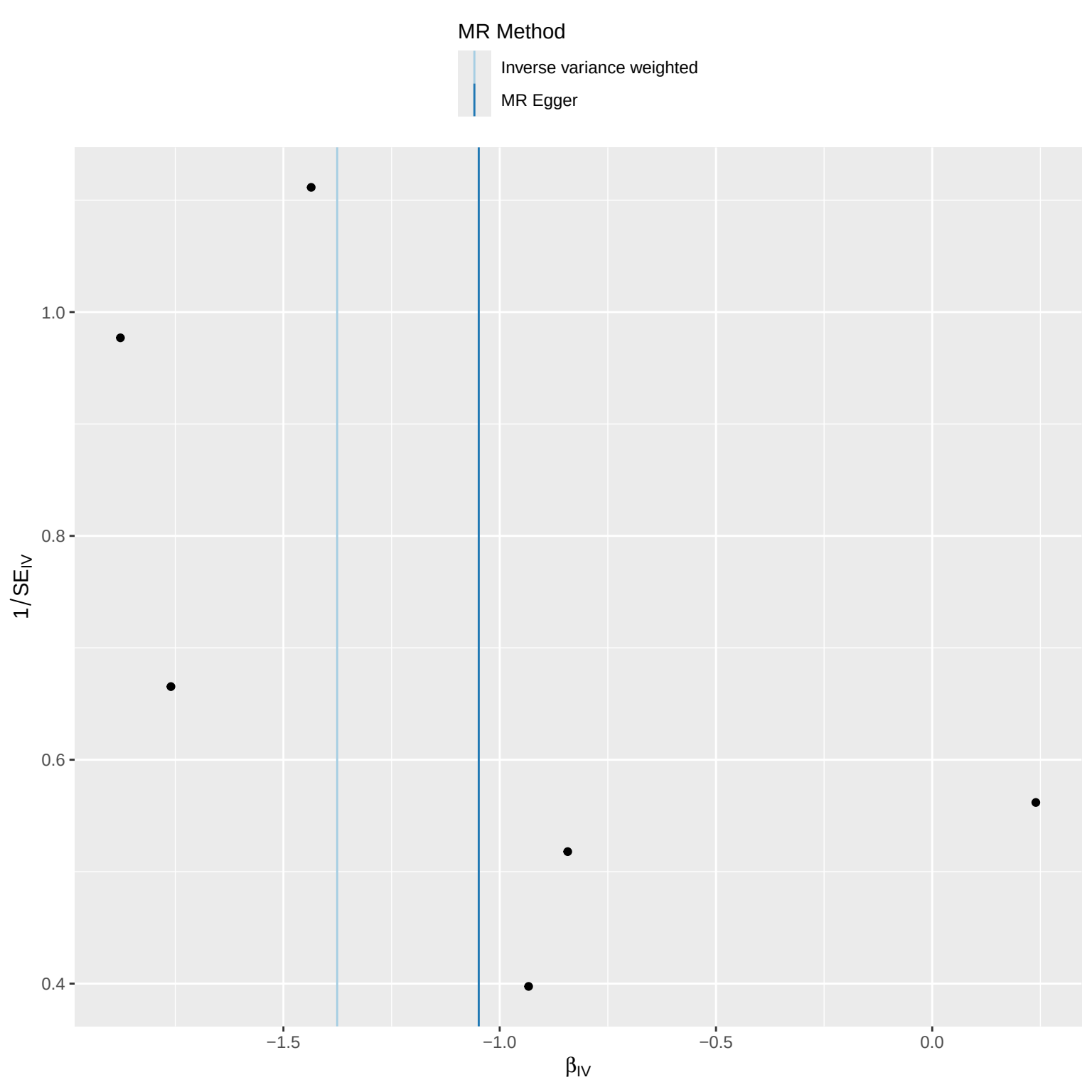

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

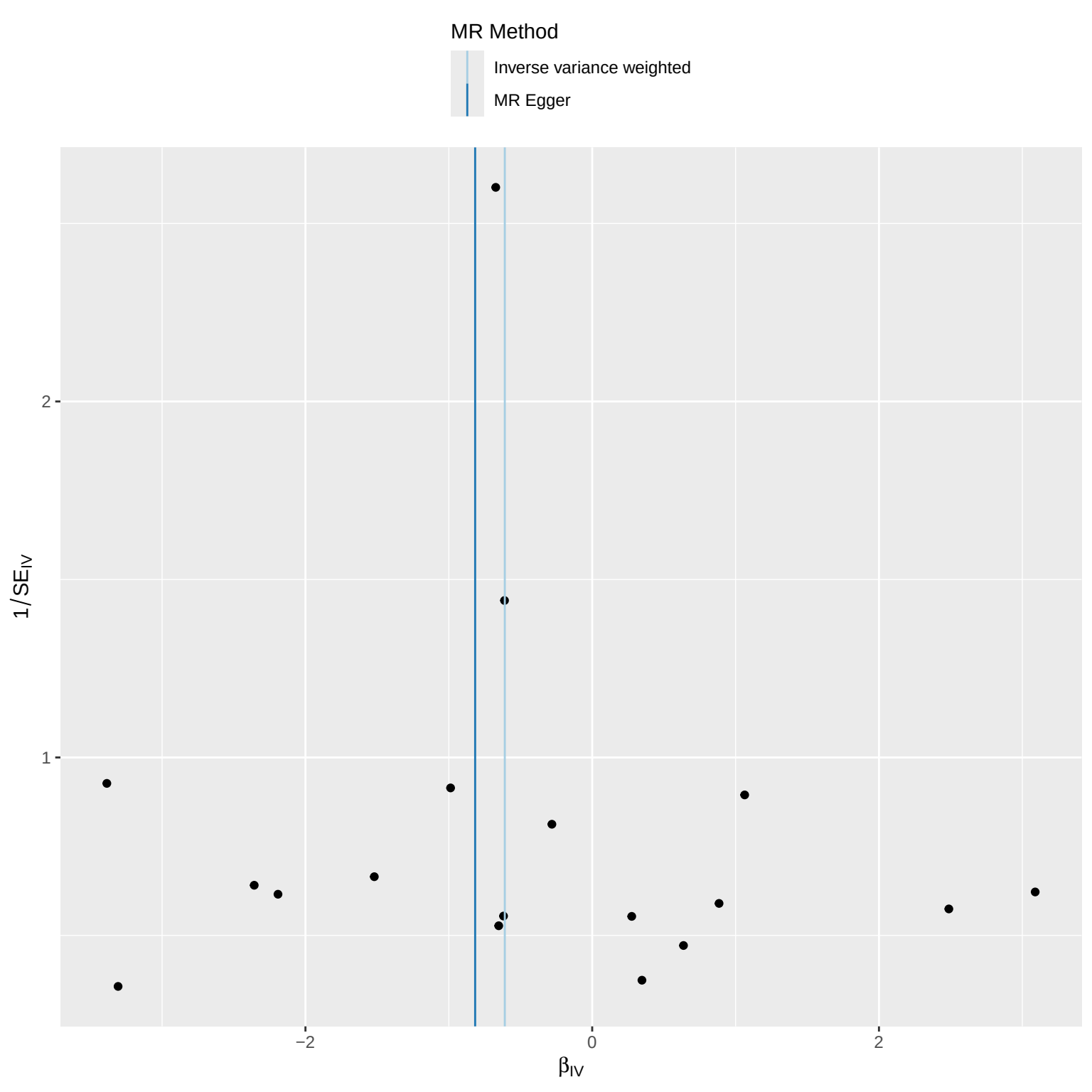

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−2
0
2
4
β_IV

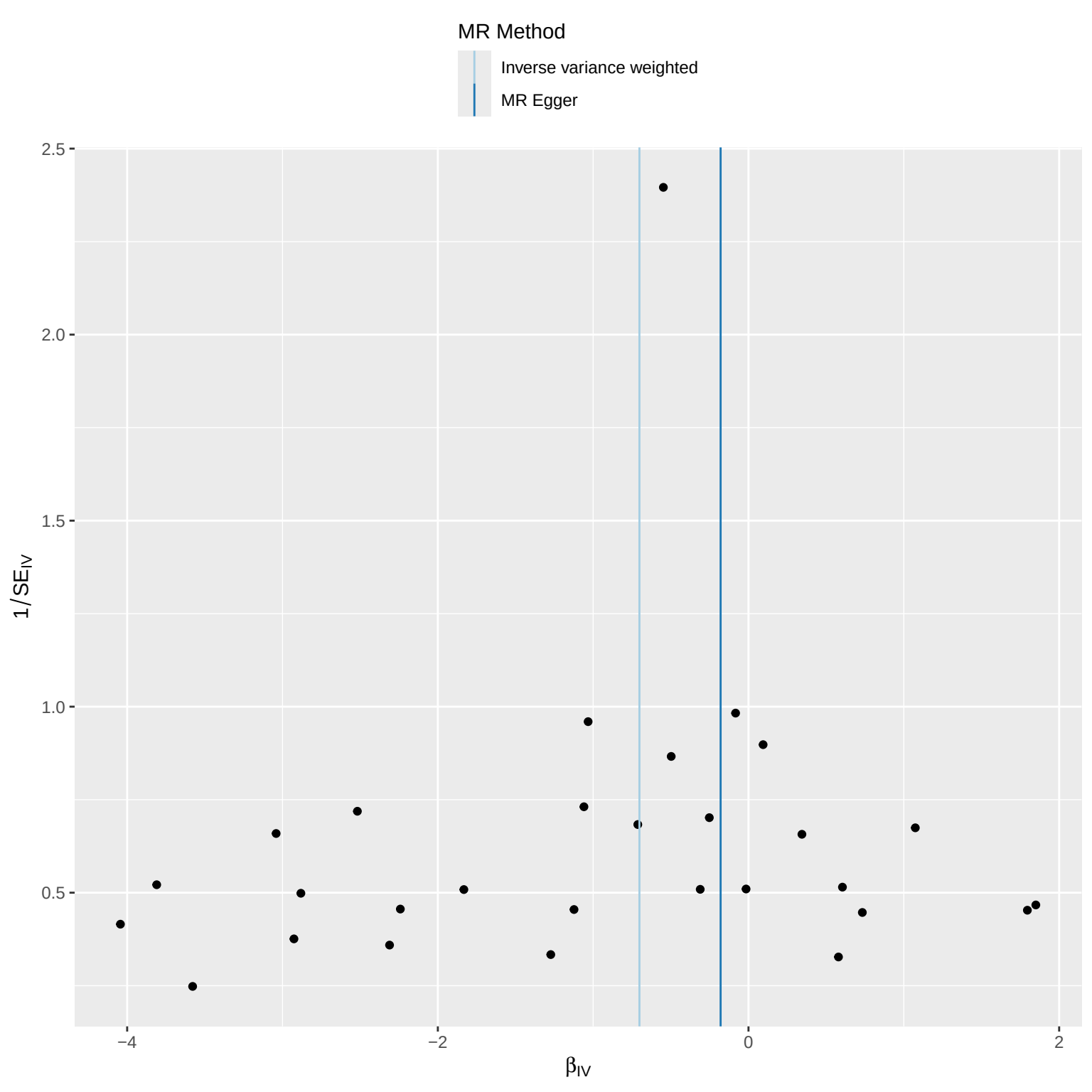

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
4
β_IV

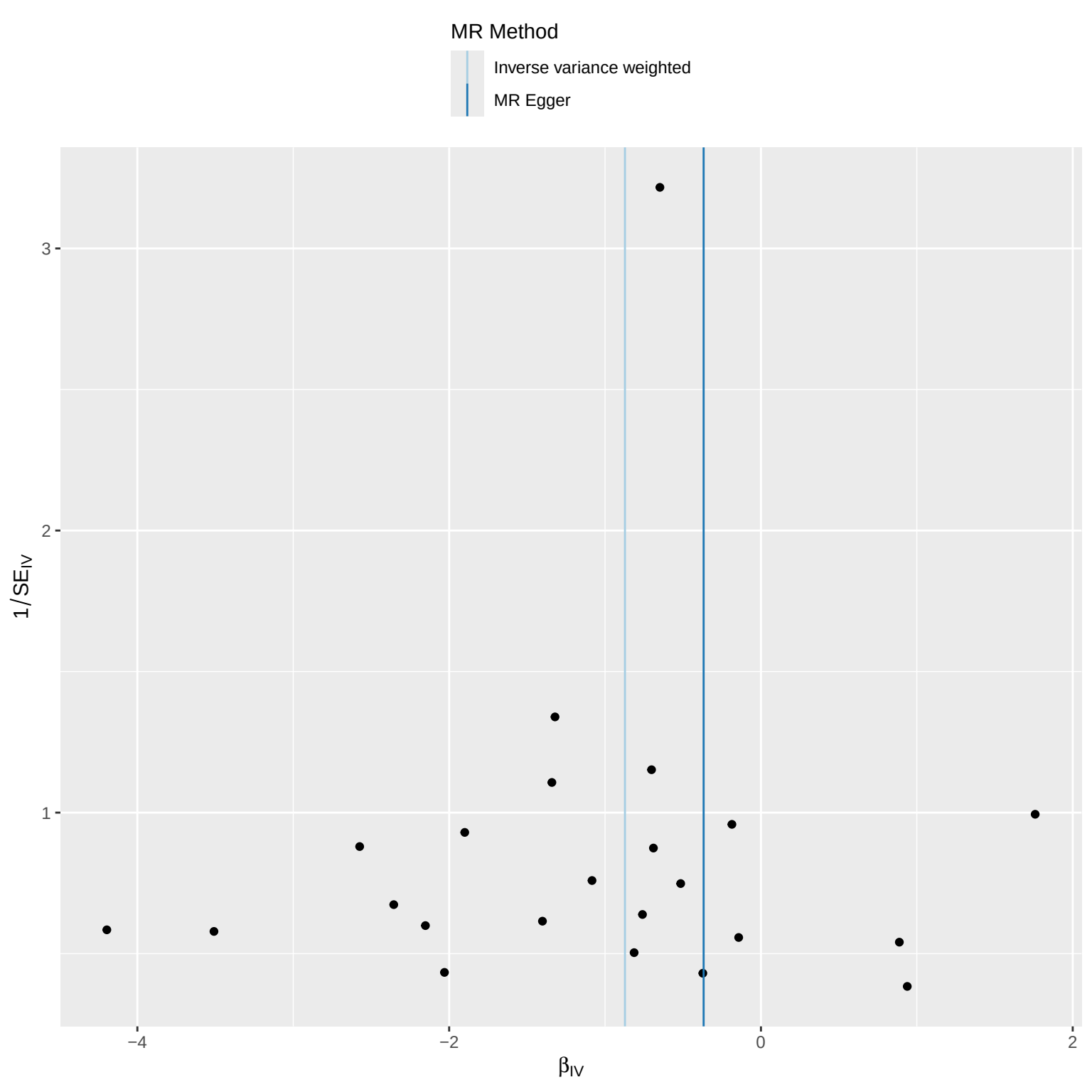

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
−1
β_IV

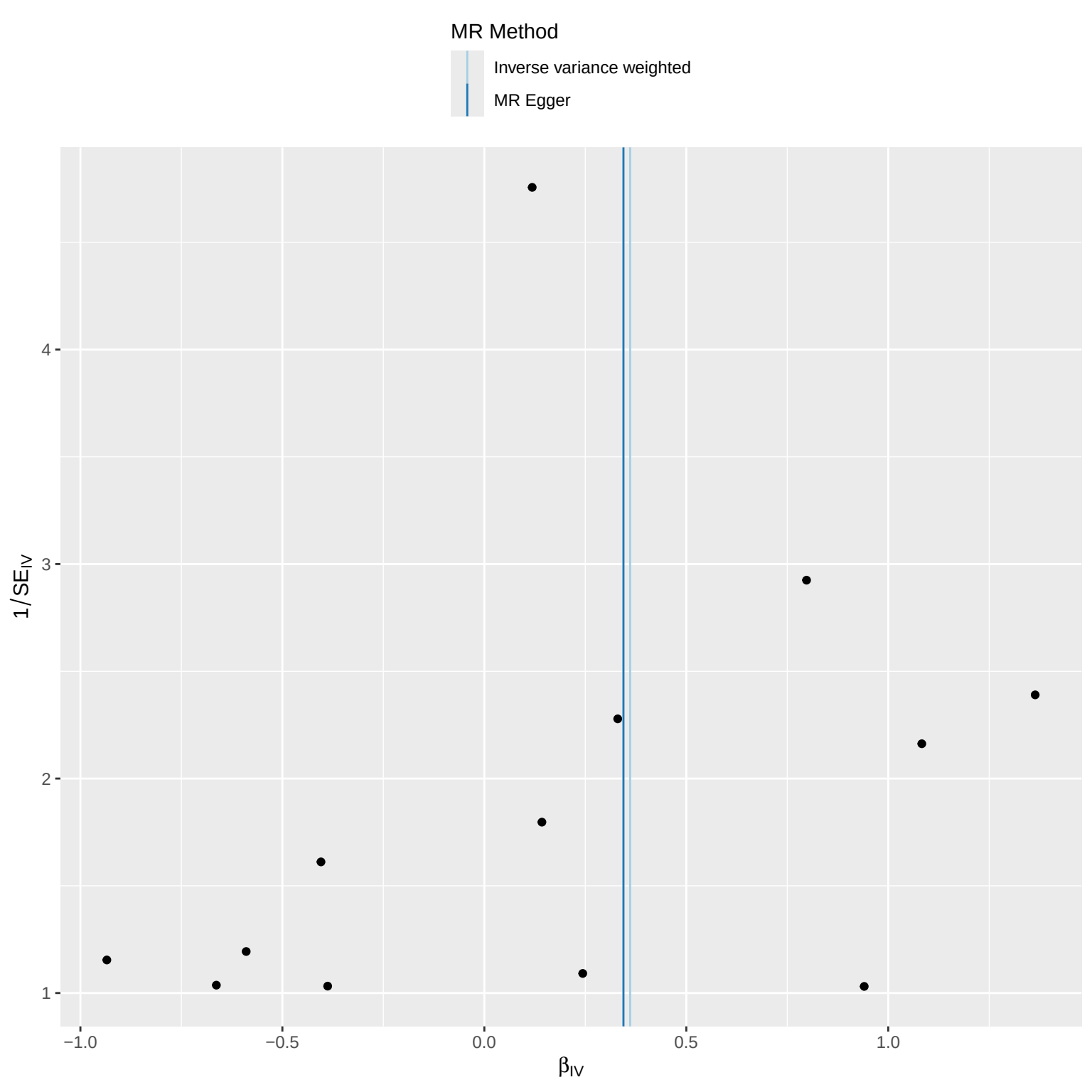

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

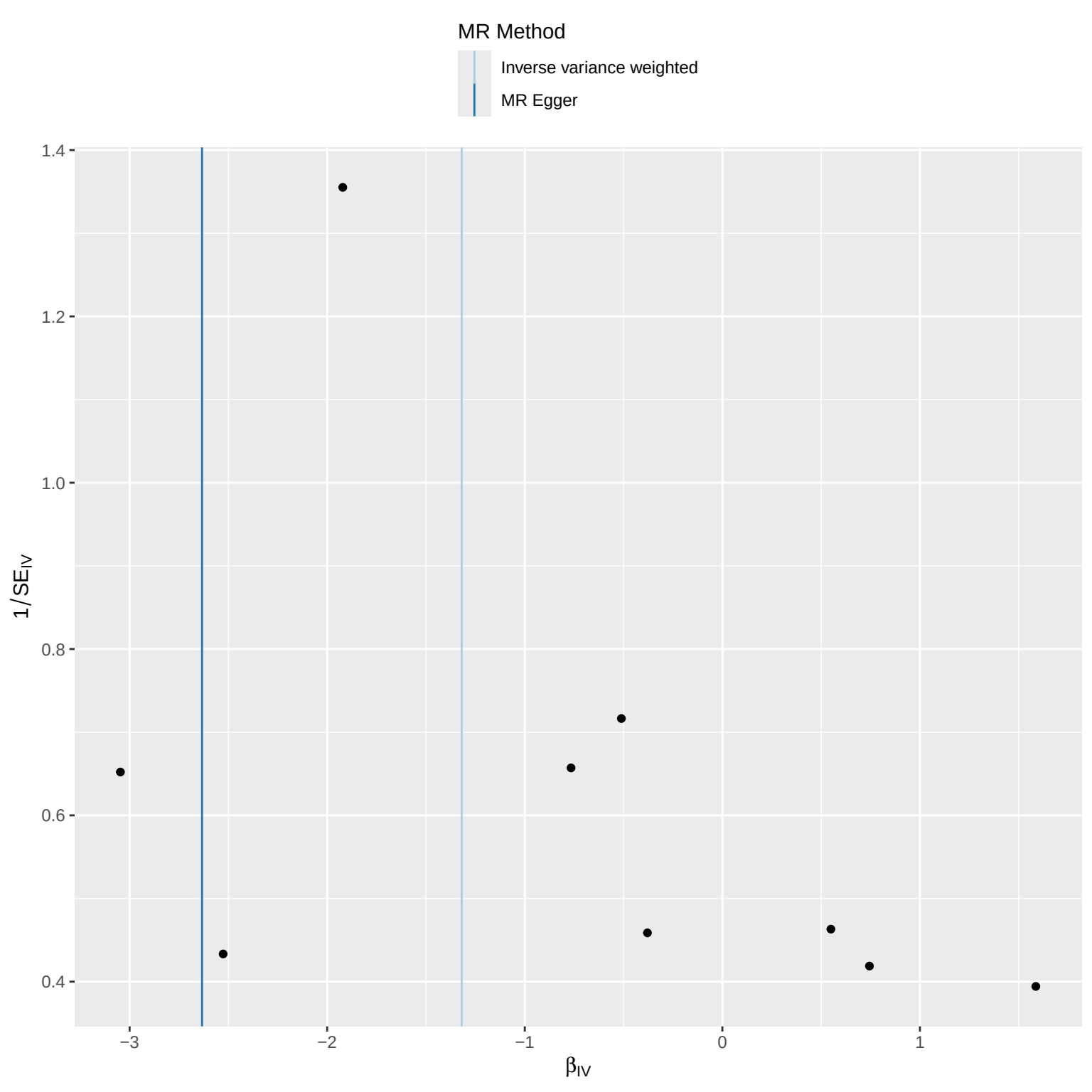

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

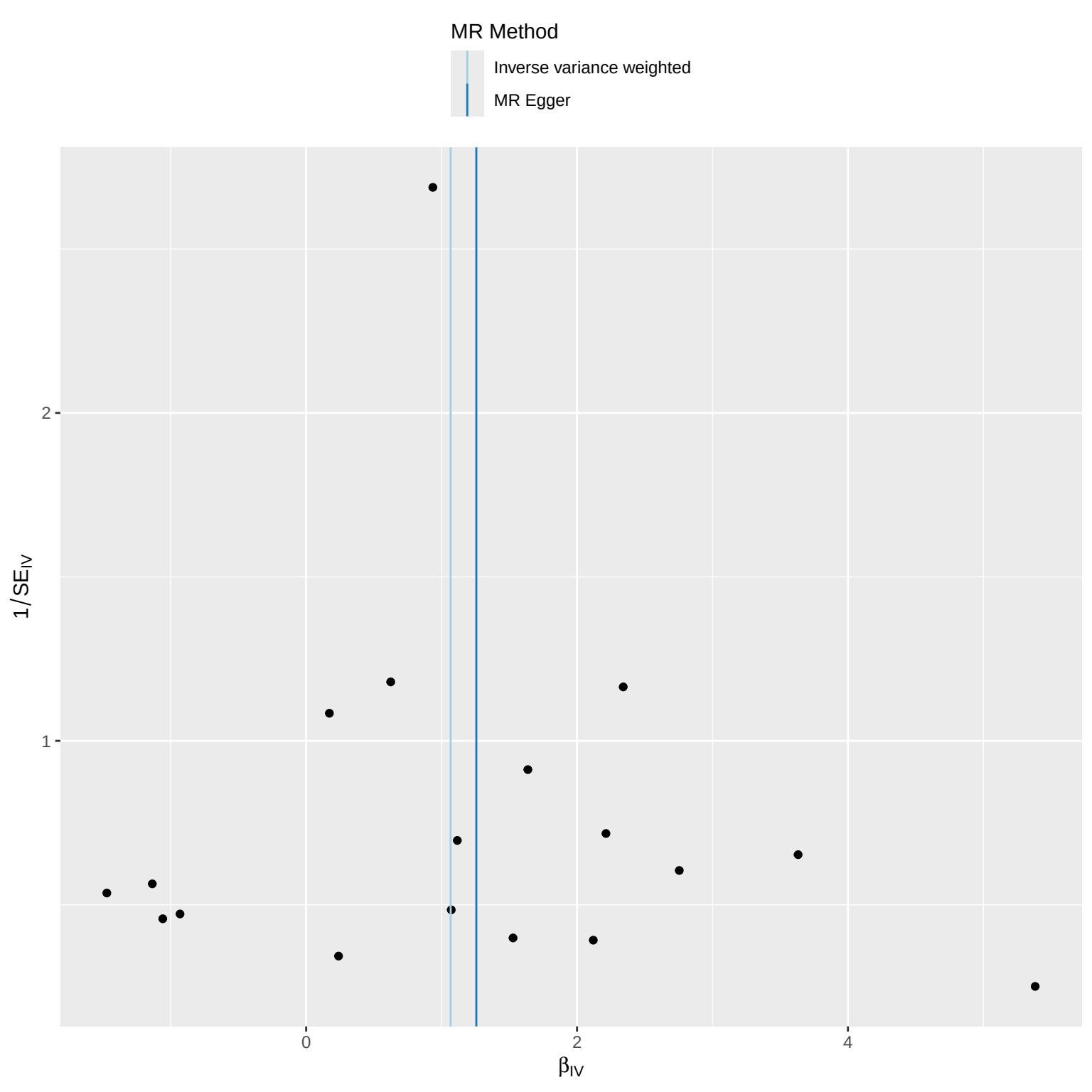

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

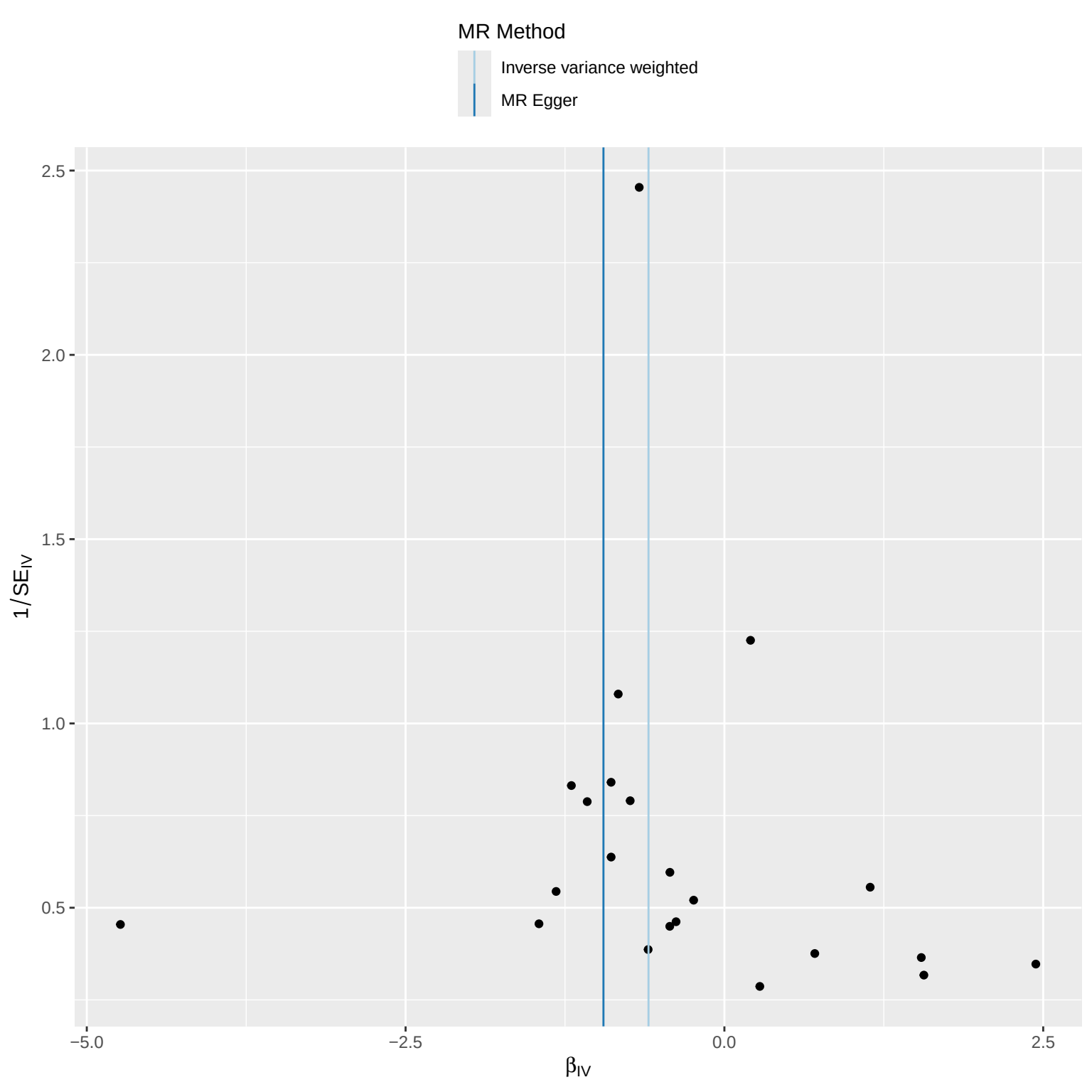

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

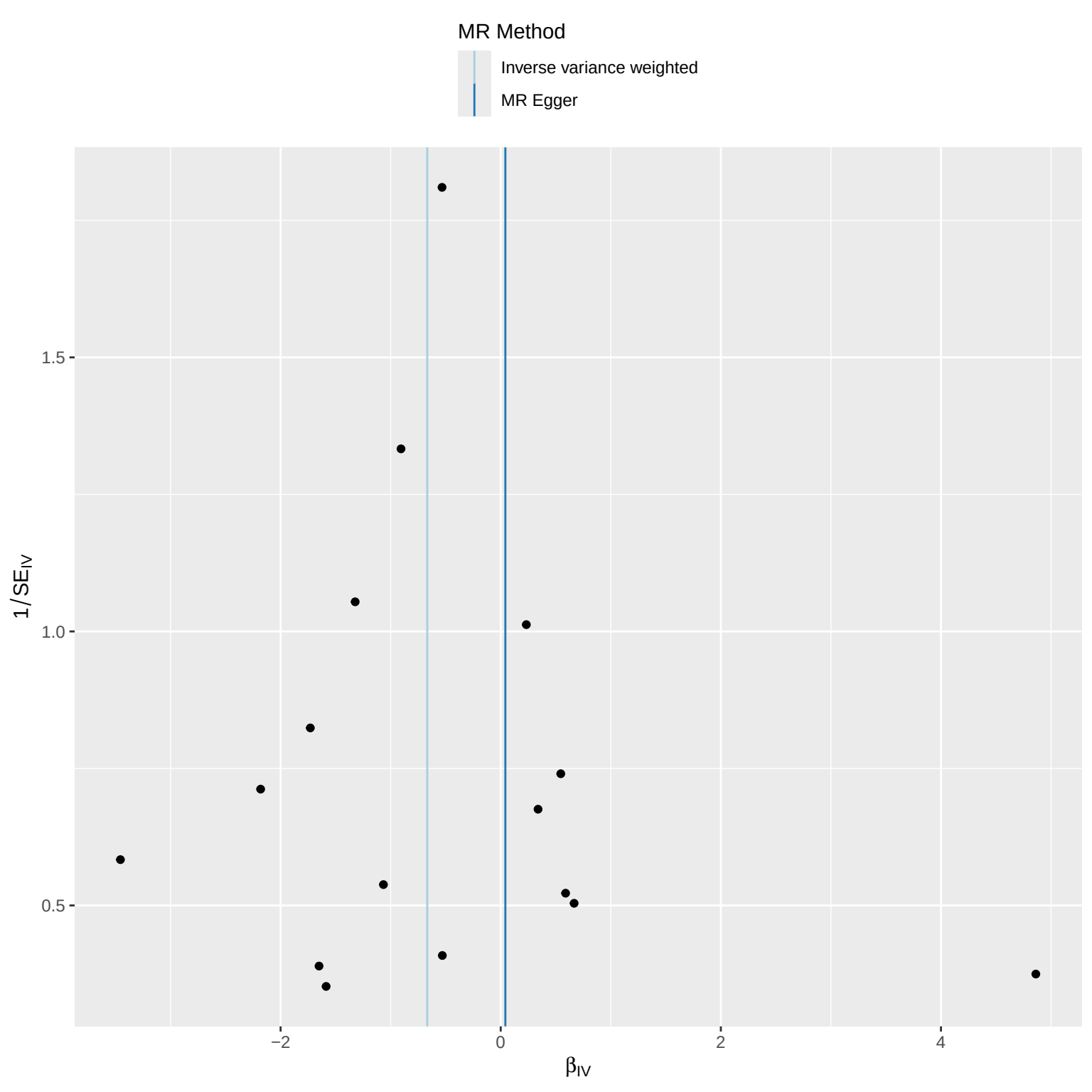

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

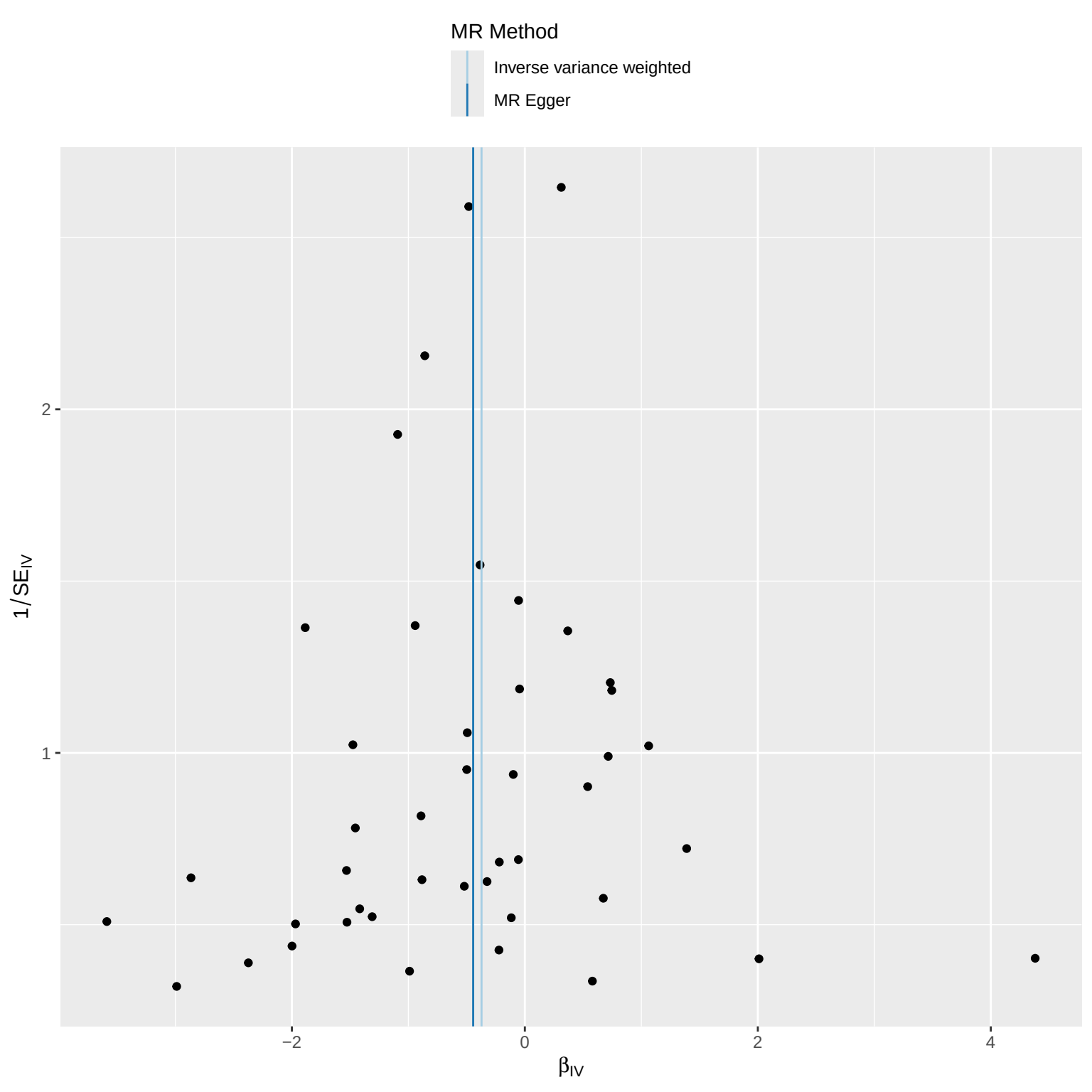

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

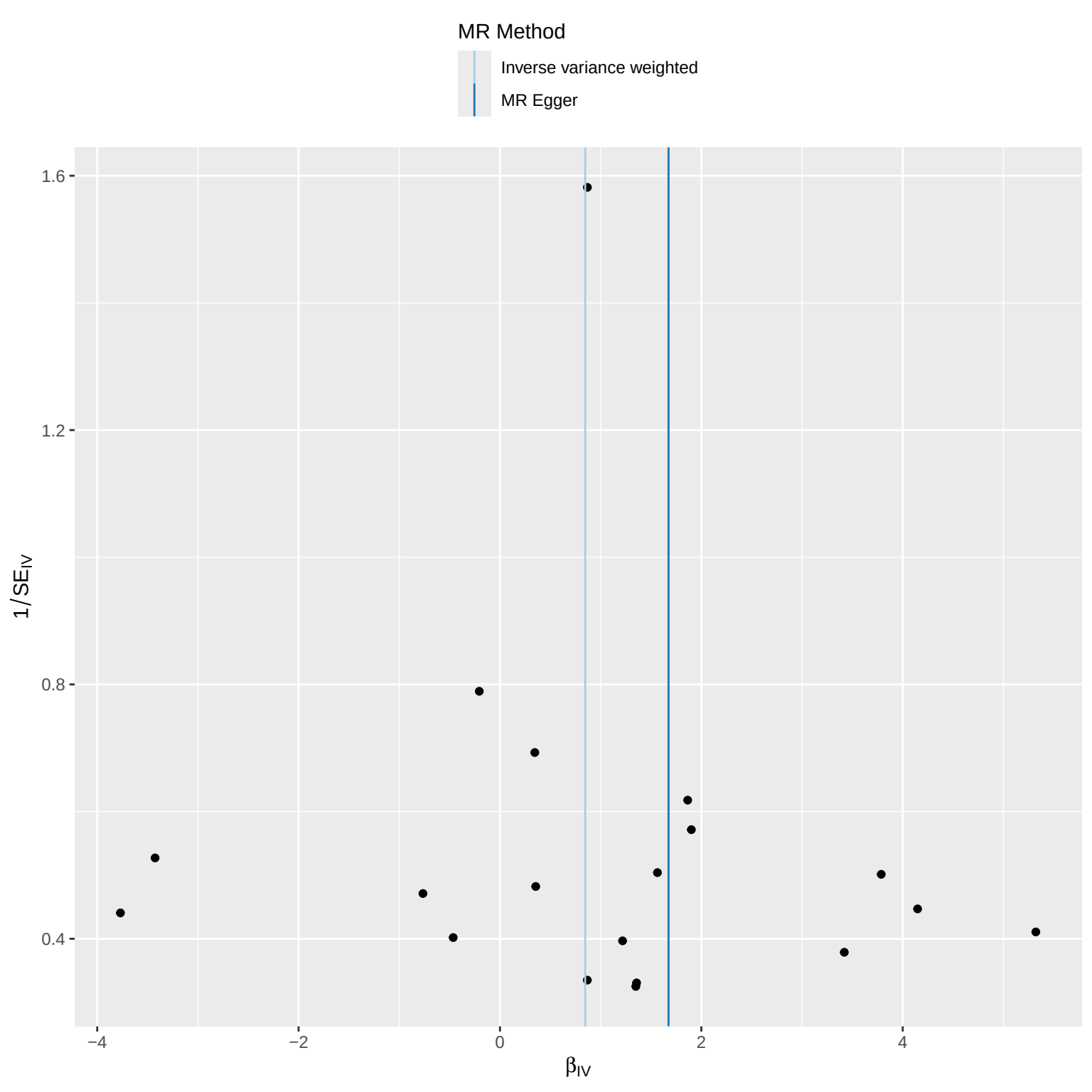

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

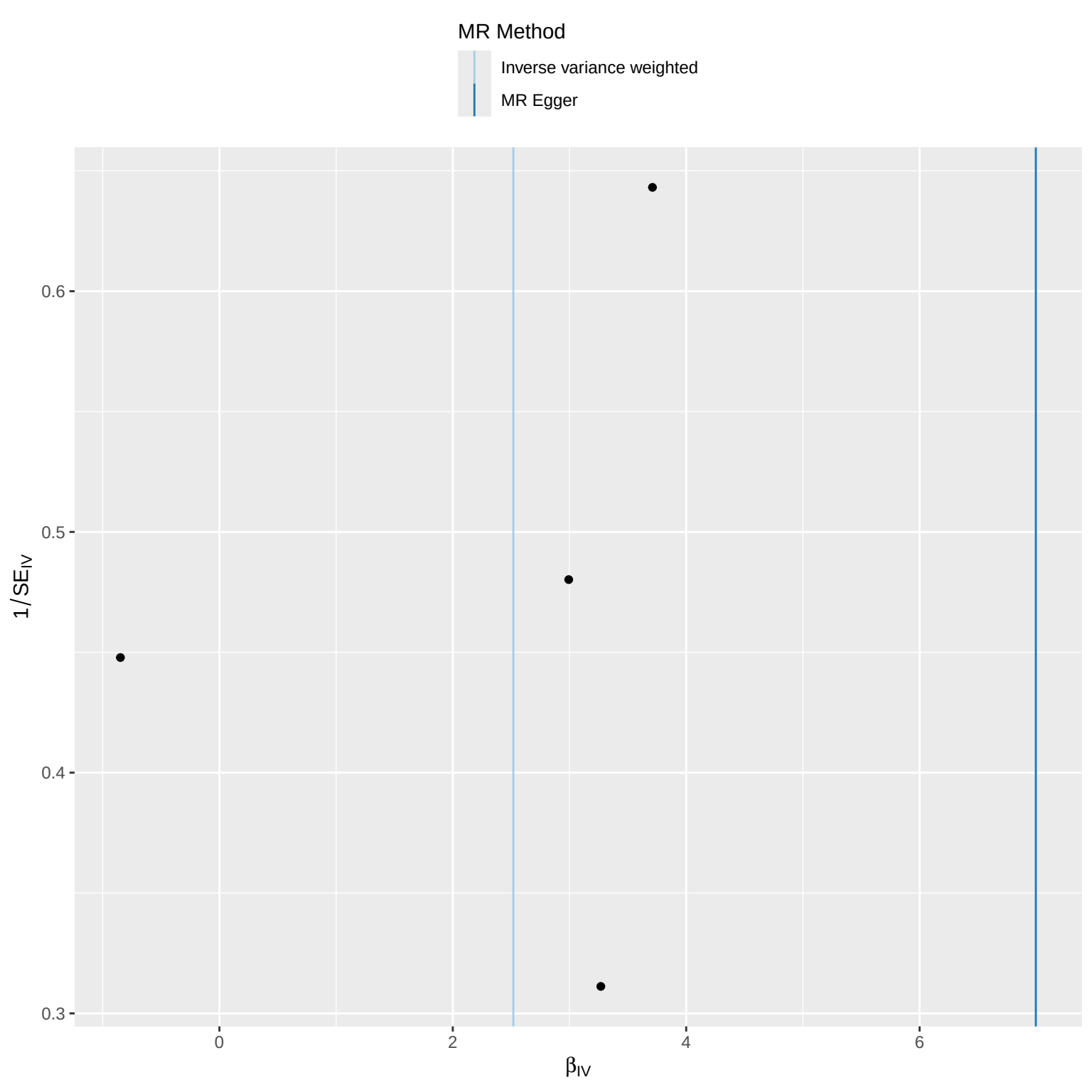

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0
2
4
β_IV

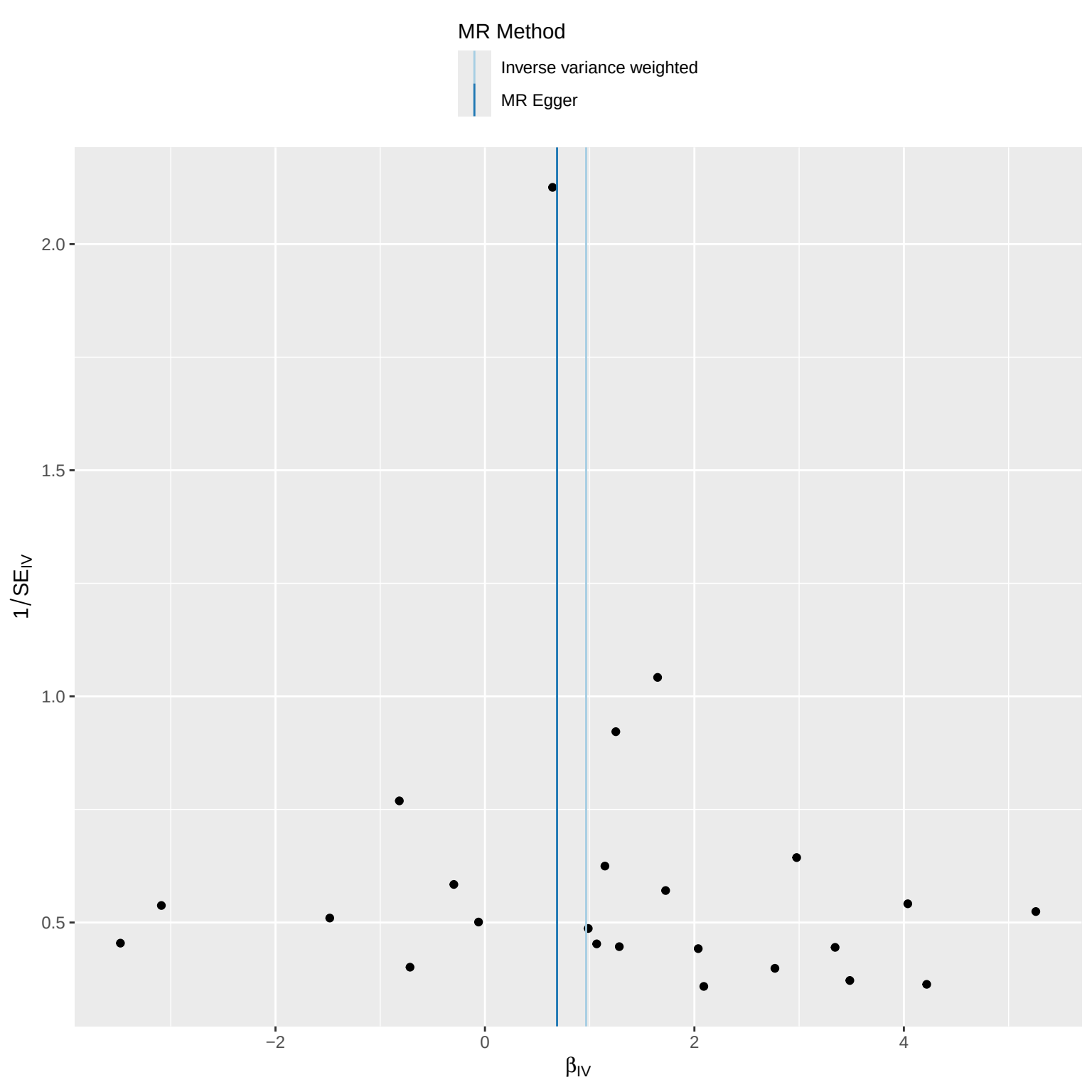

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

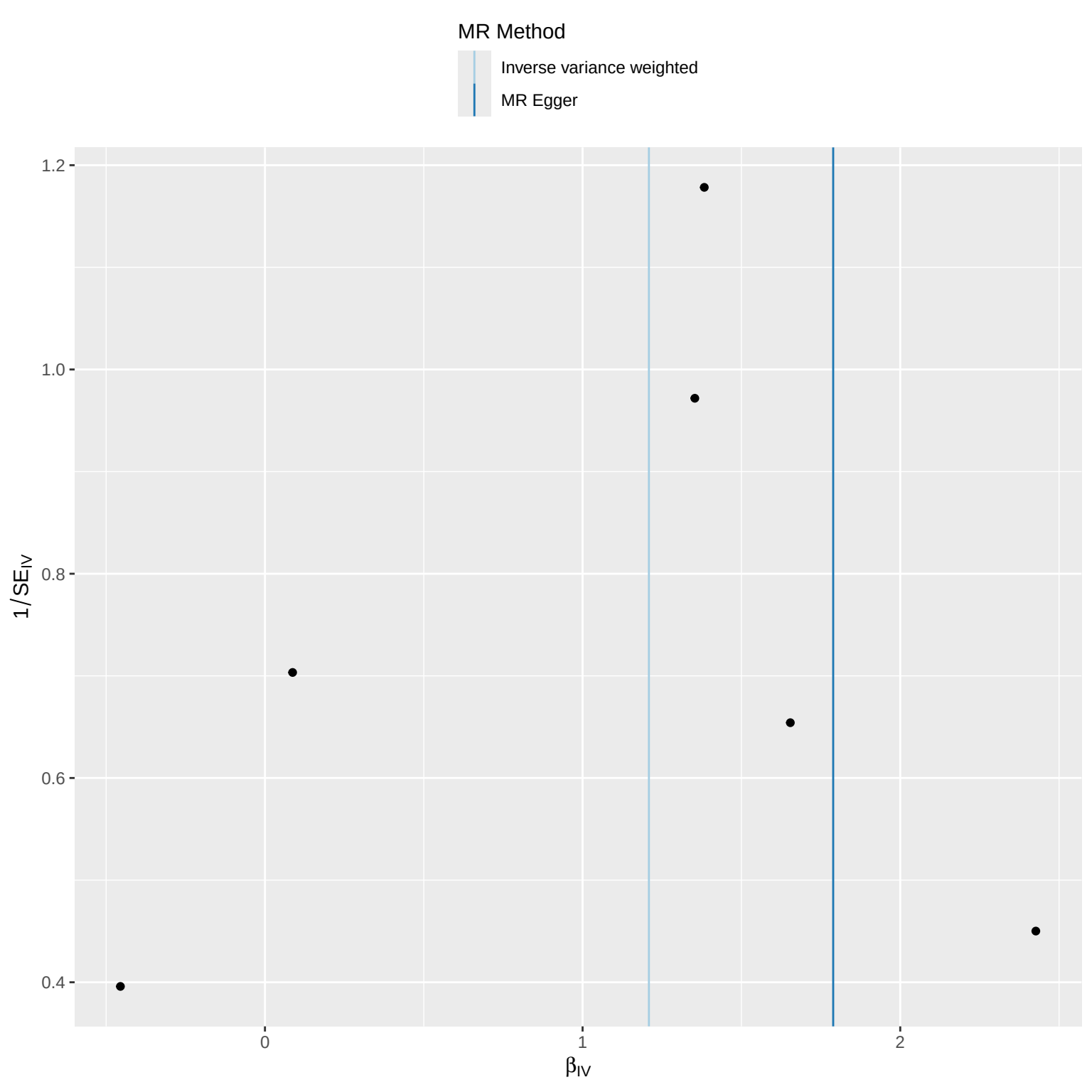

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

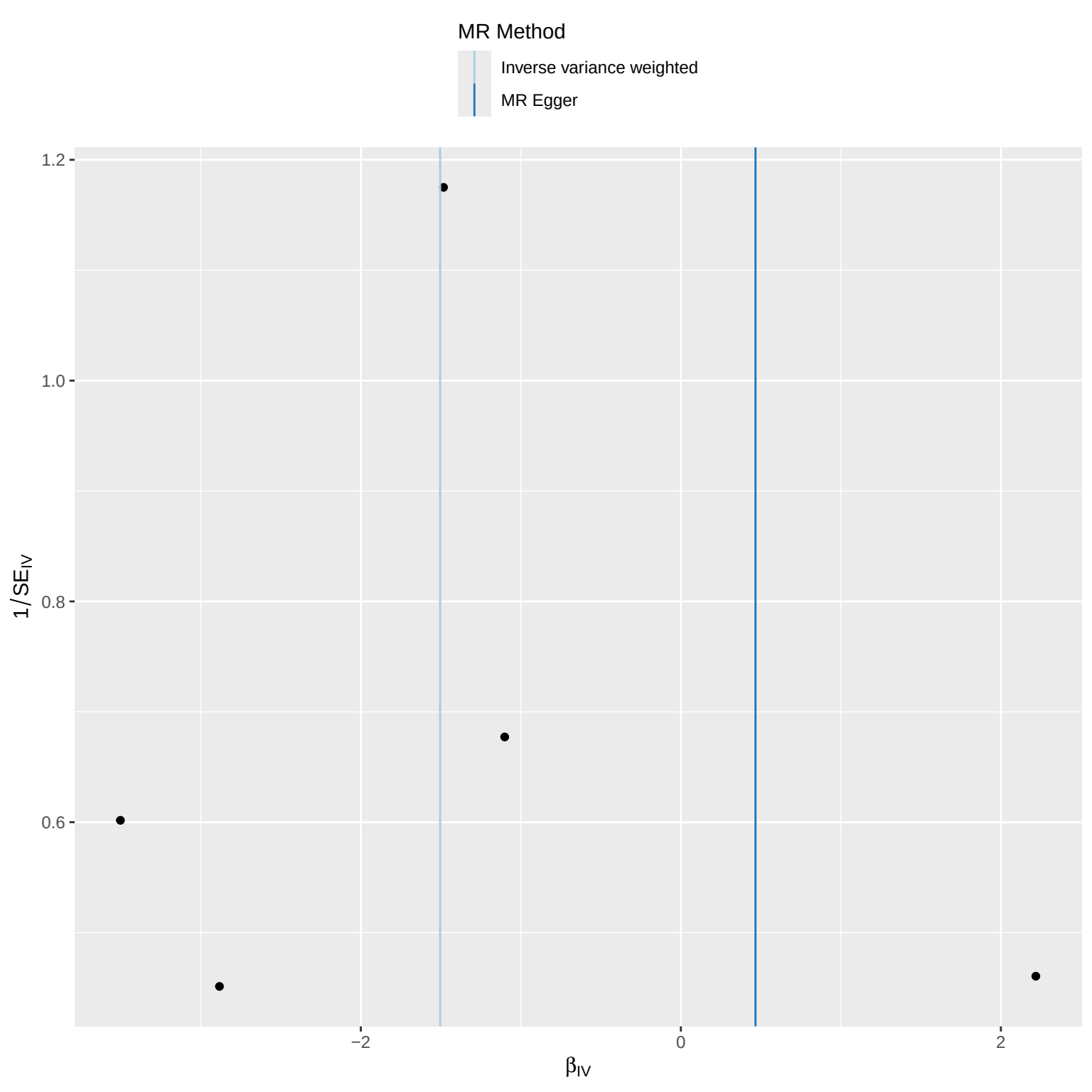

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

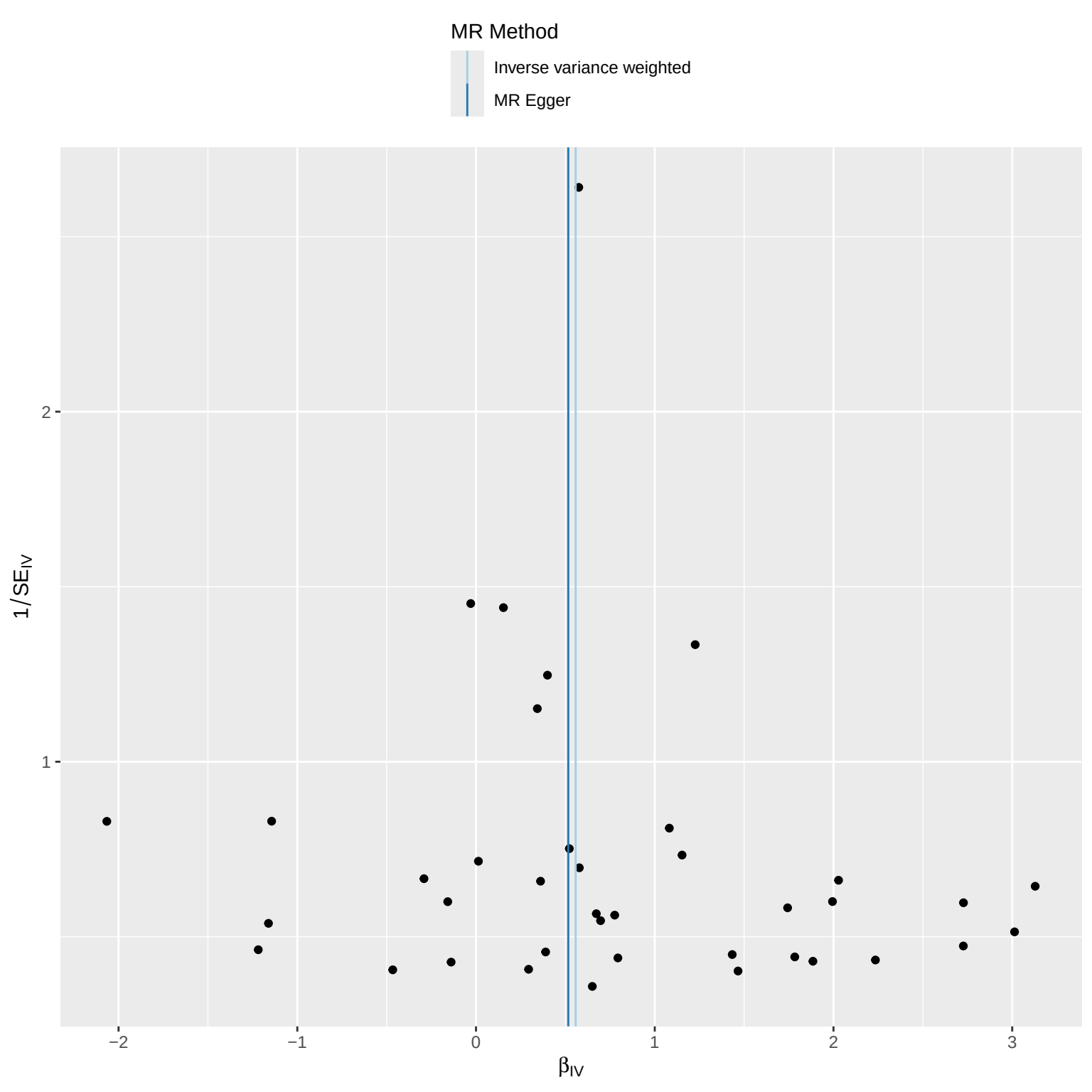

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
4
β_IV

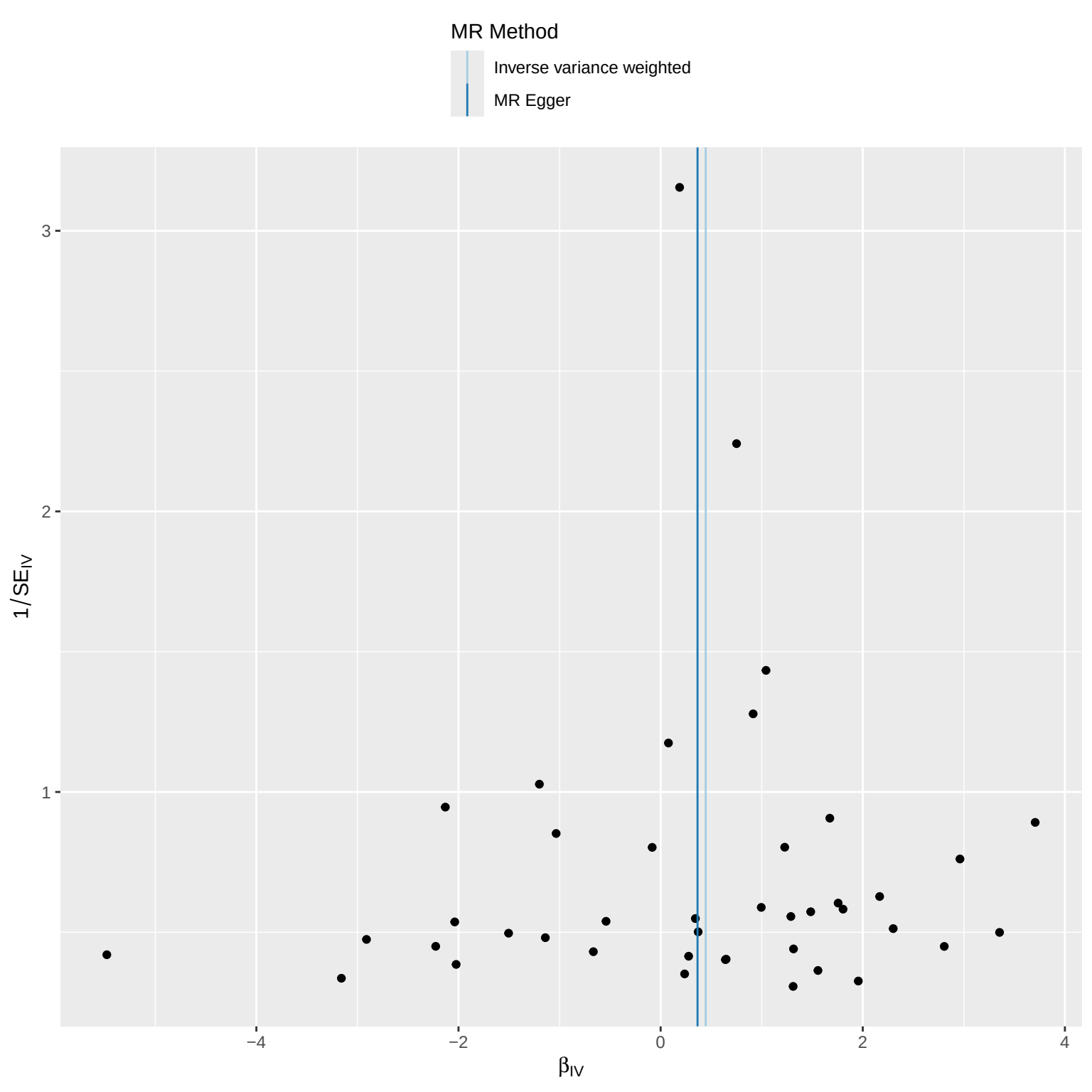

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
0.3
1/SE_IV
0
2
4
6
β_IV

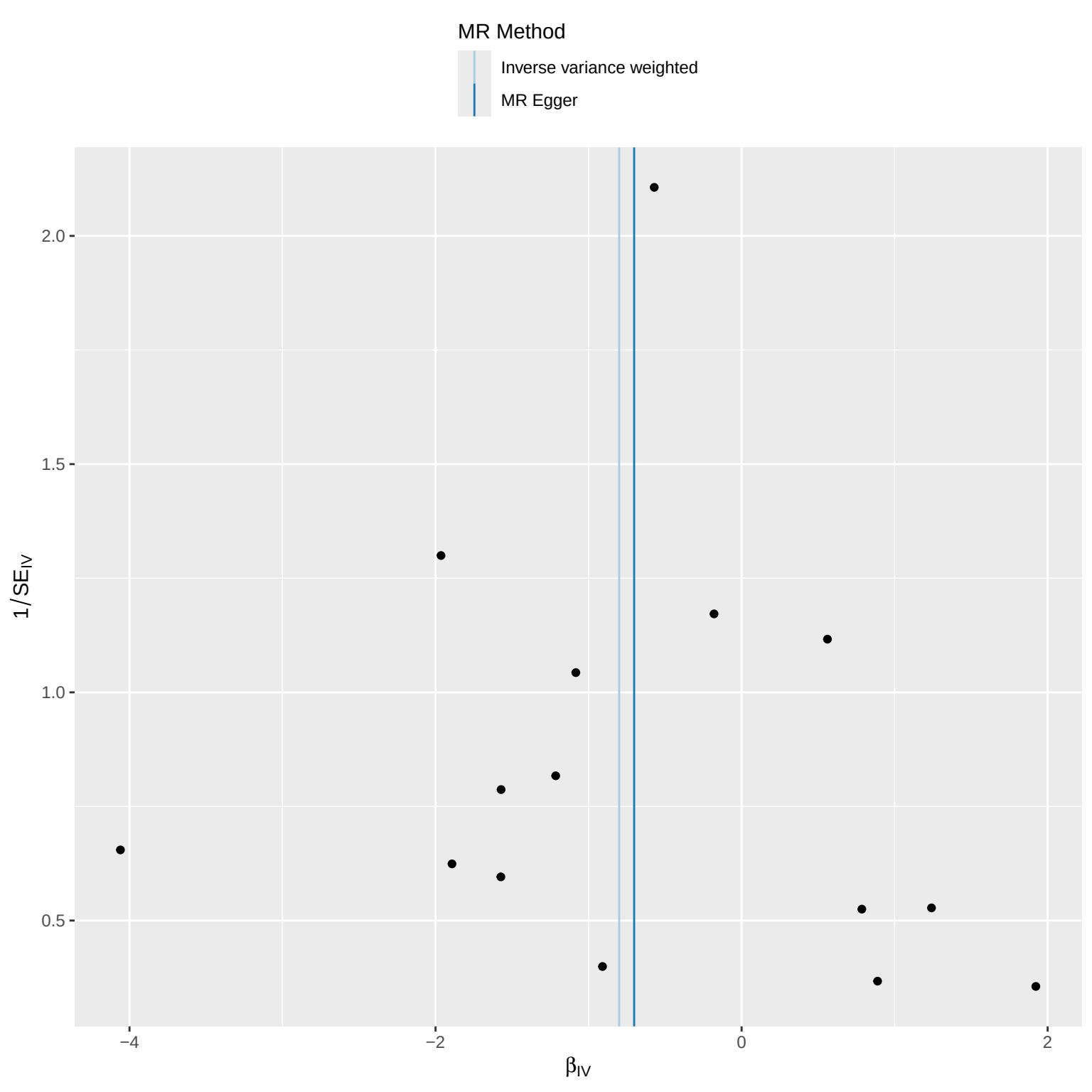

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

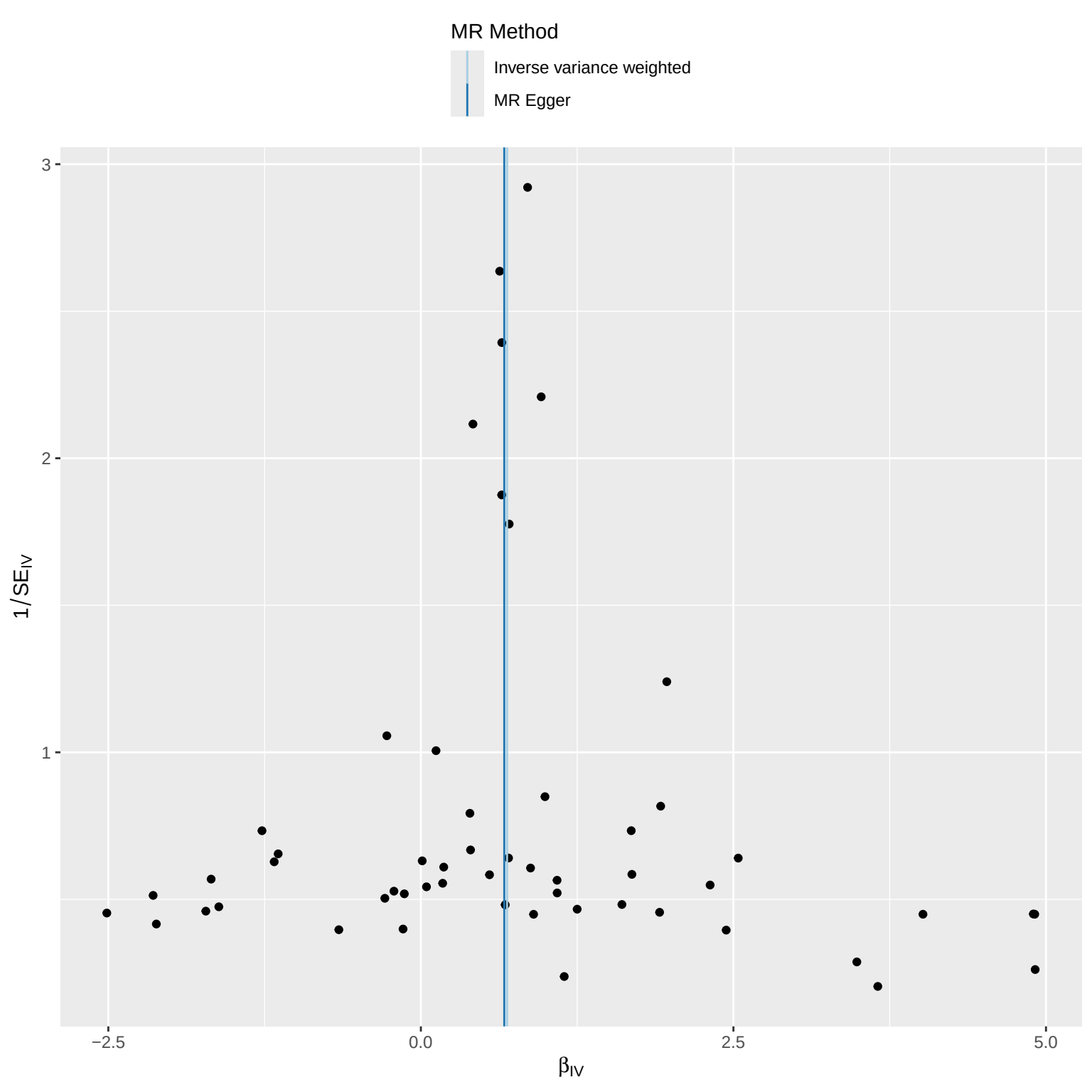

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
β_IV

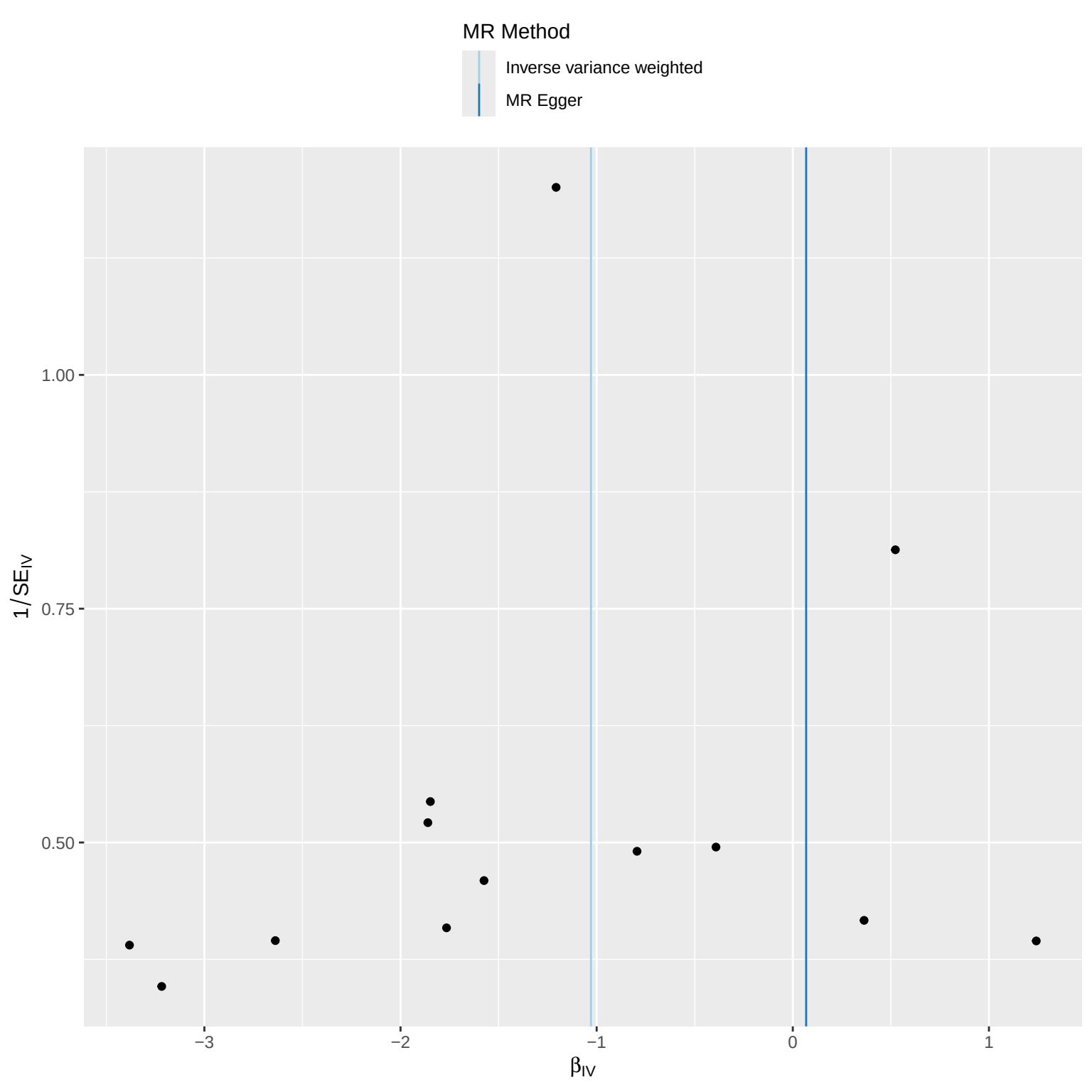

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2
0
2
β_IV

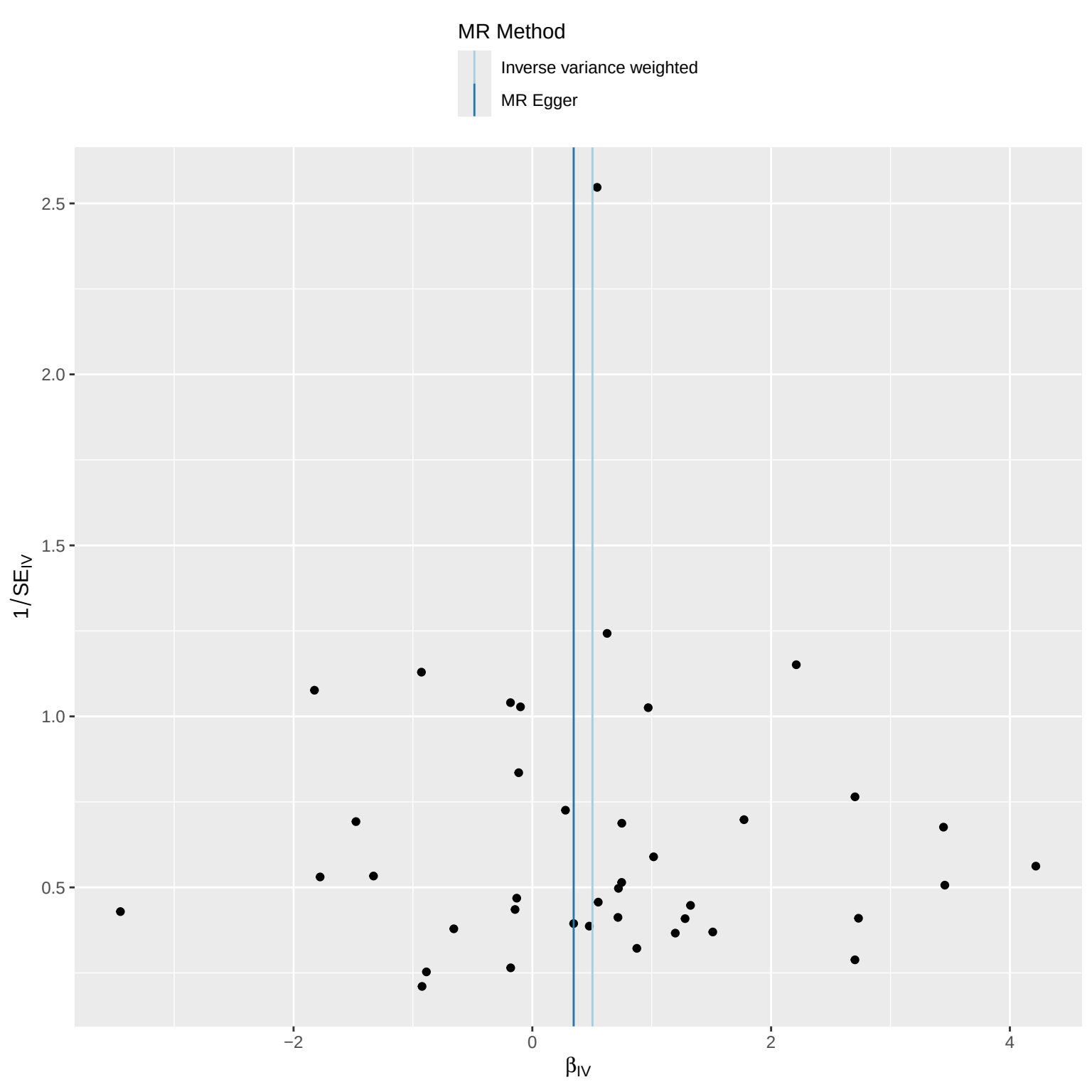

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

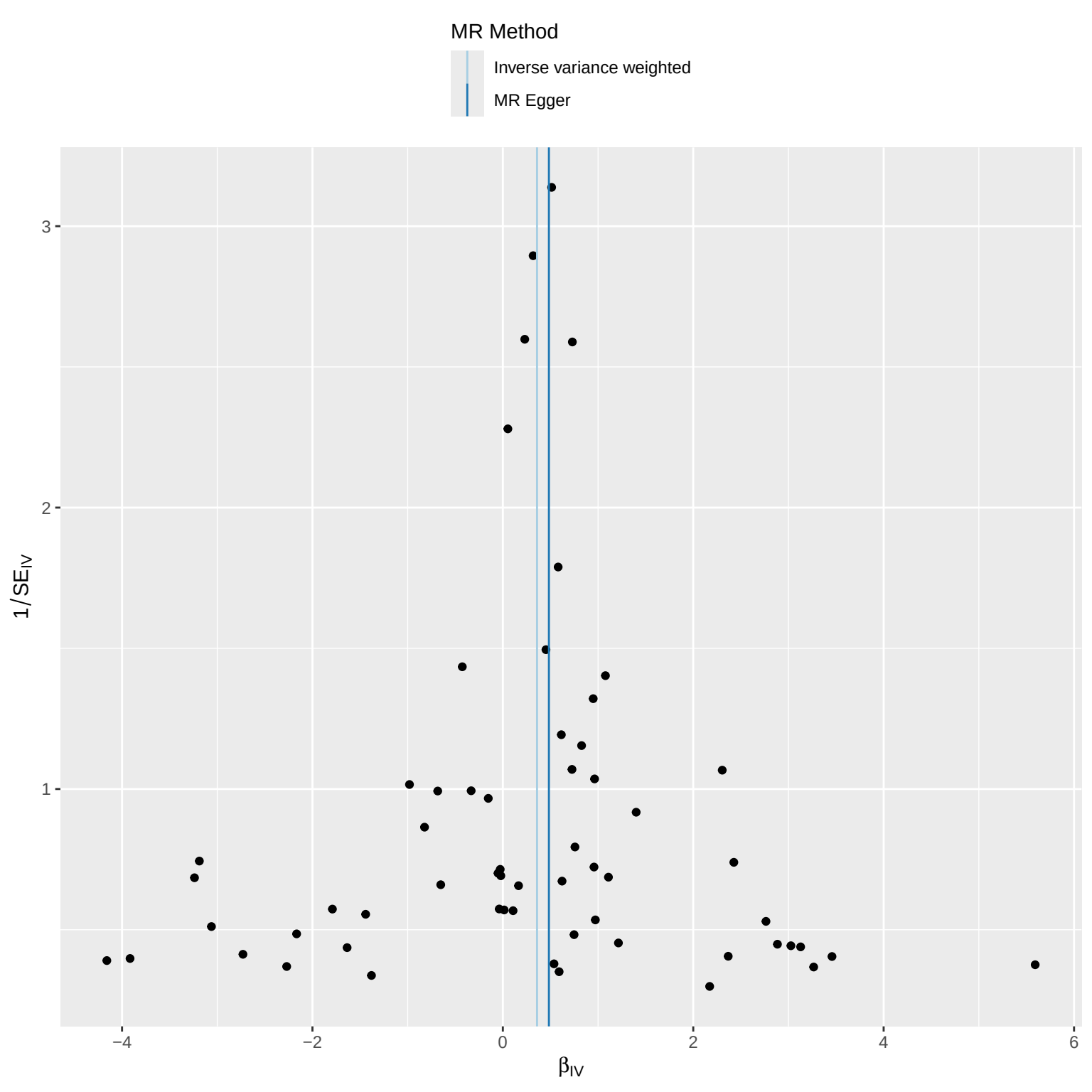

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

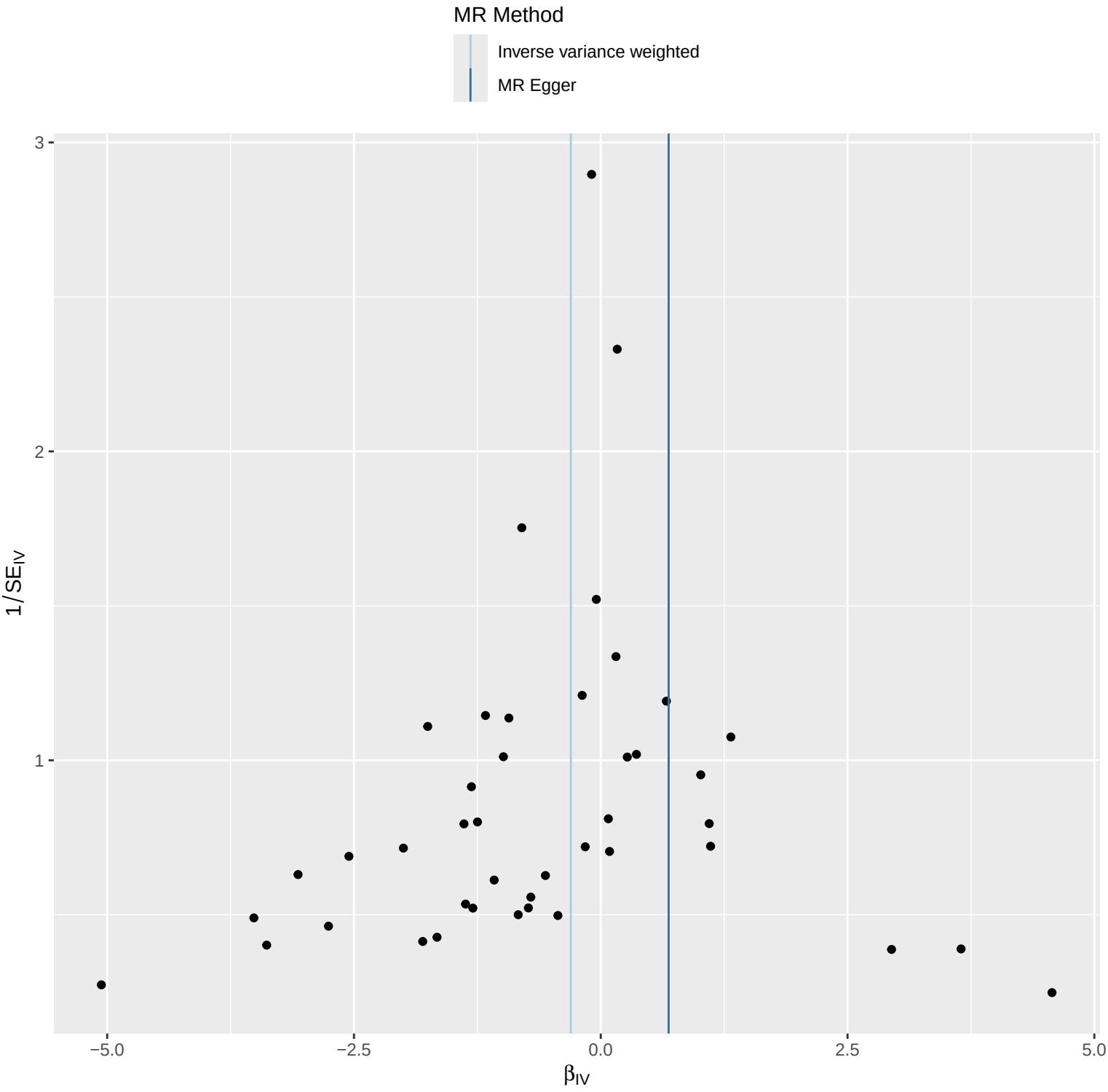

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

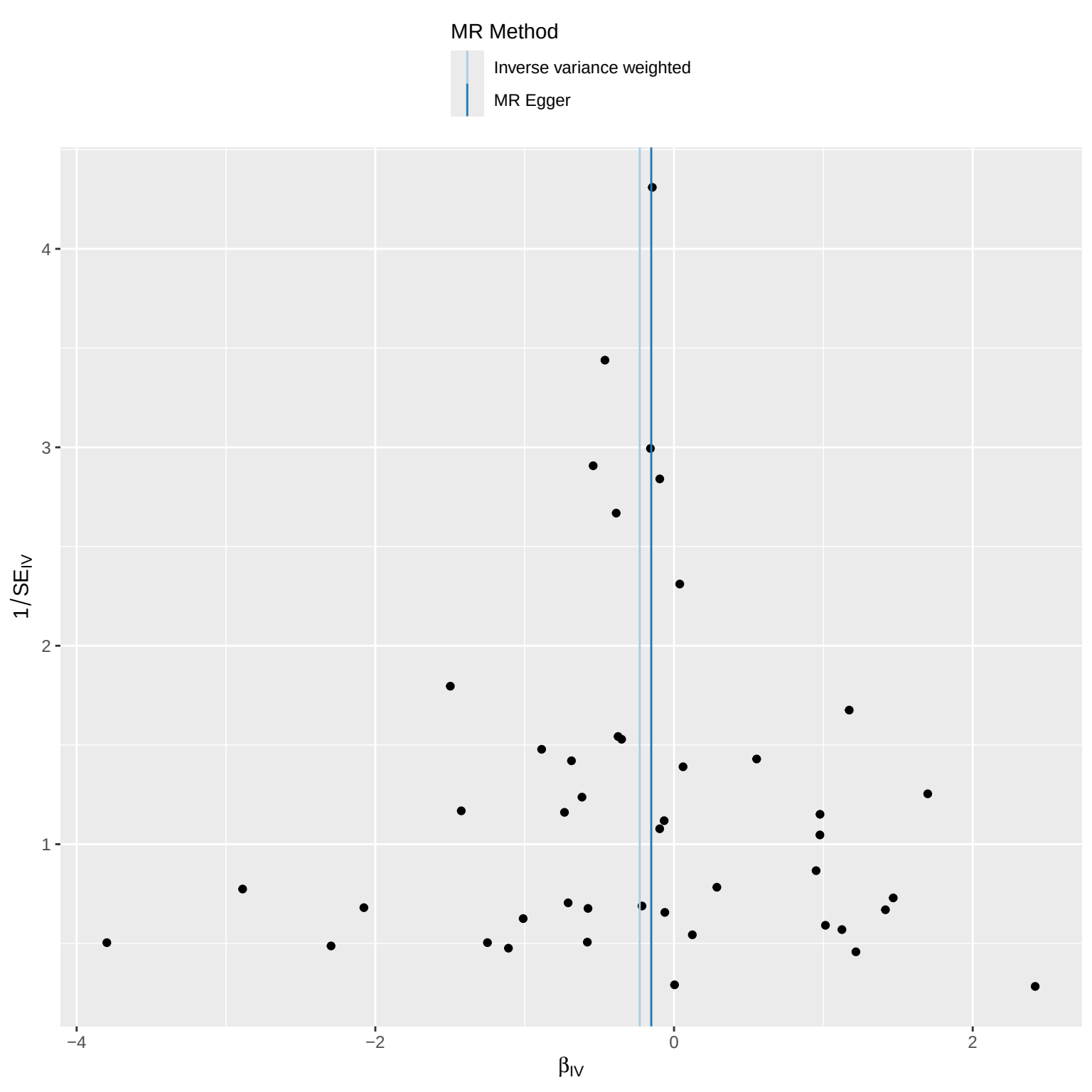

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

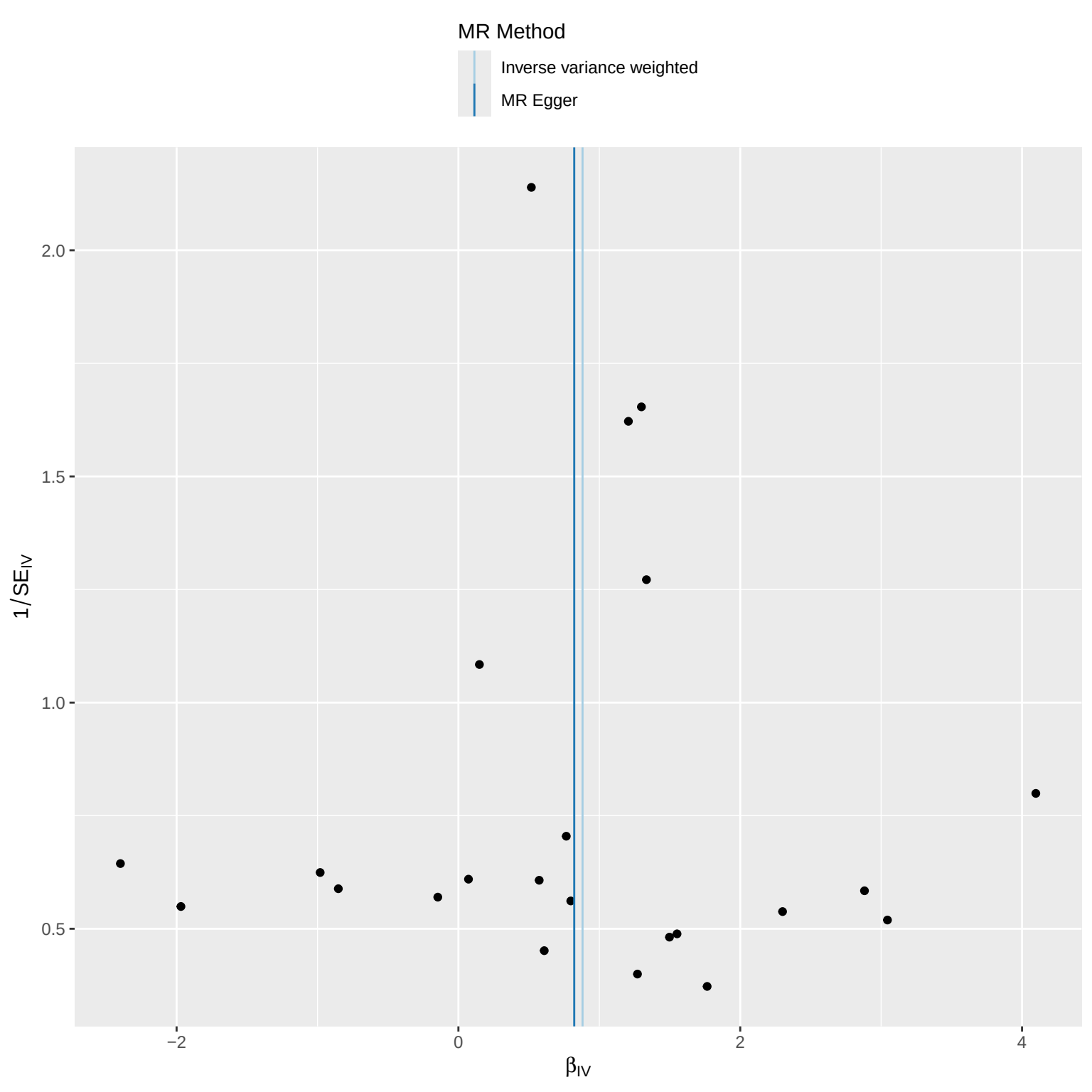

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

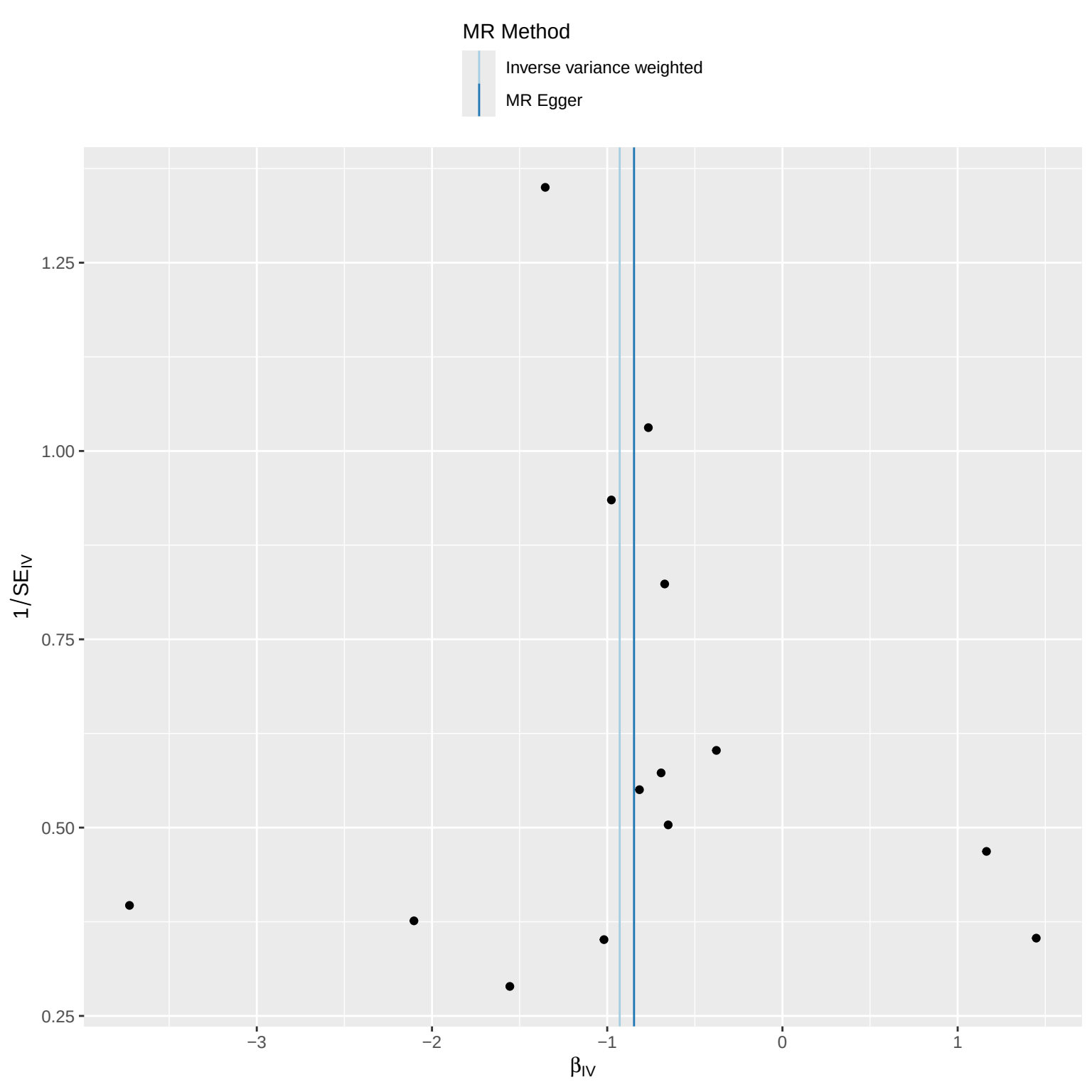

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

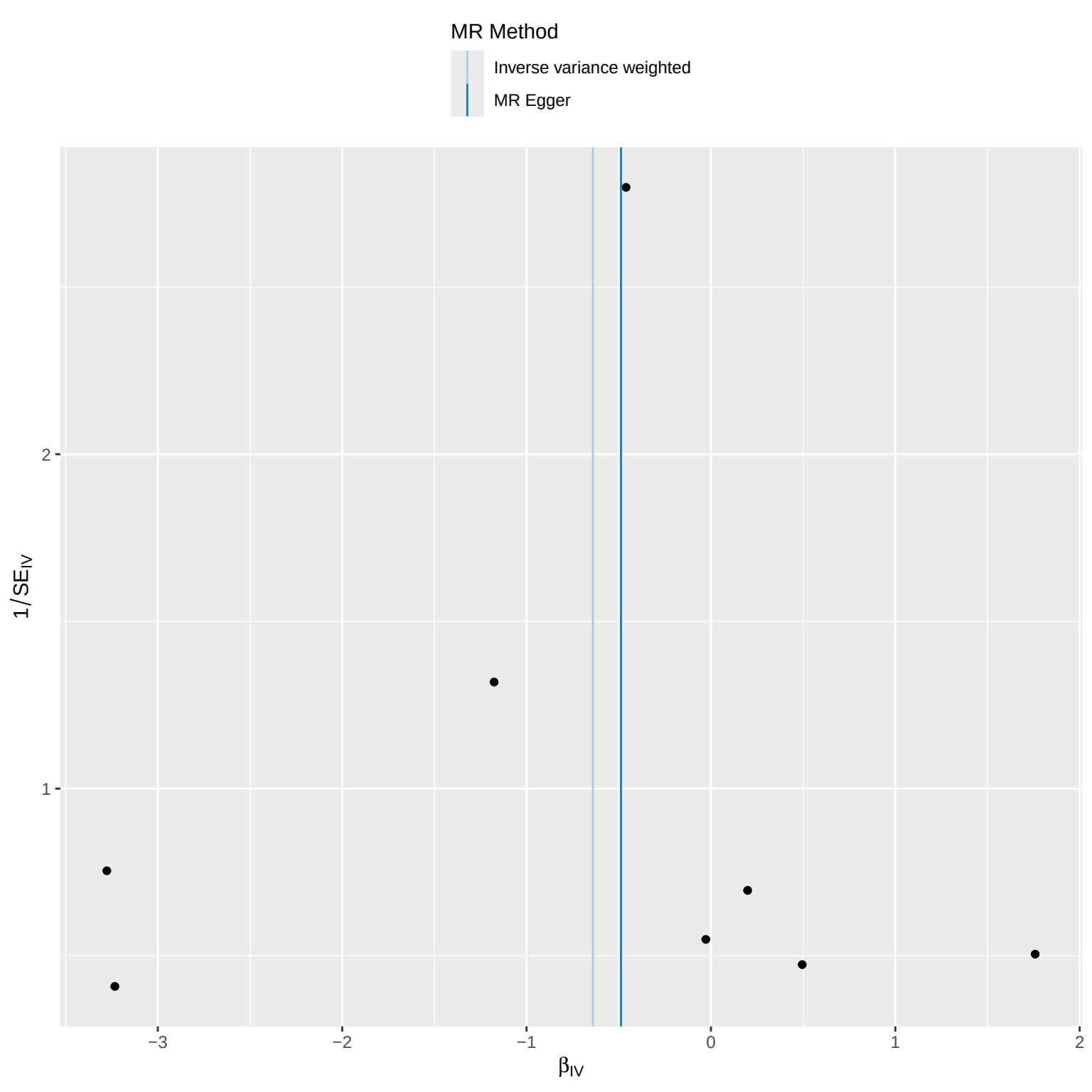

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
6
β_IV

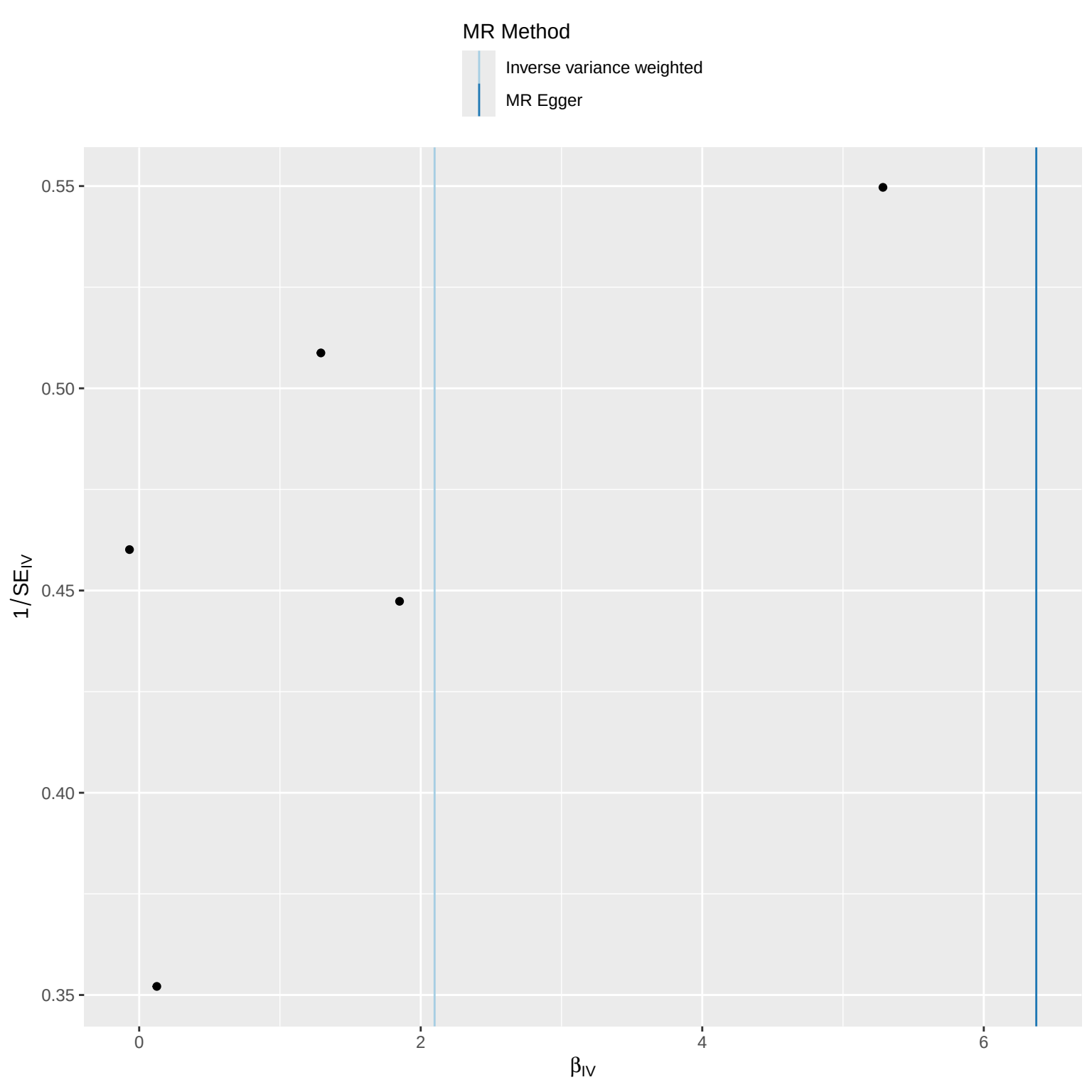

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

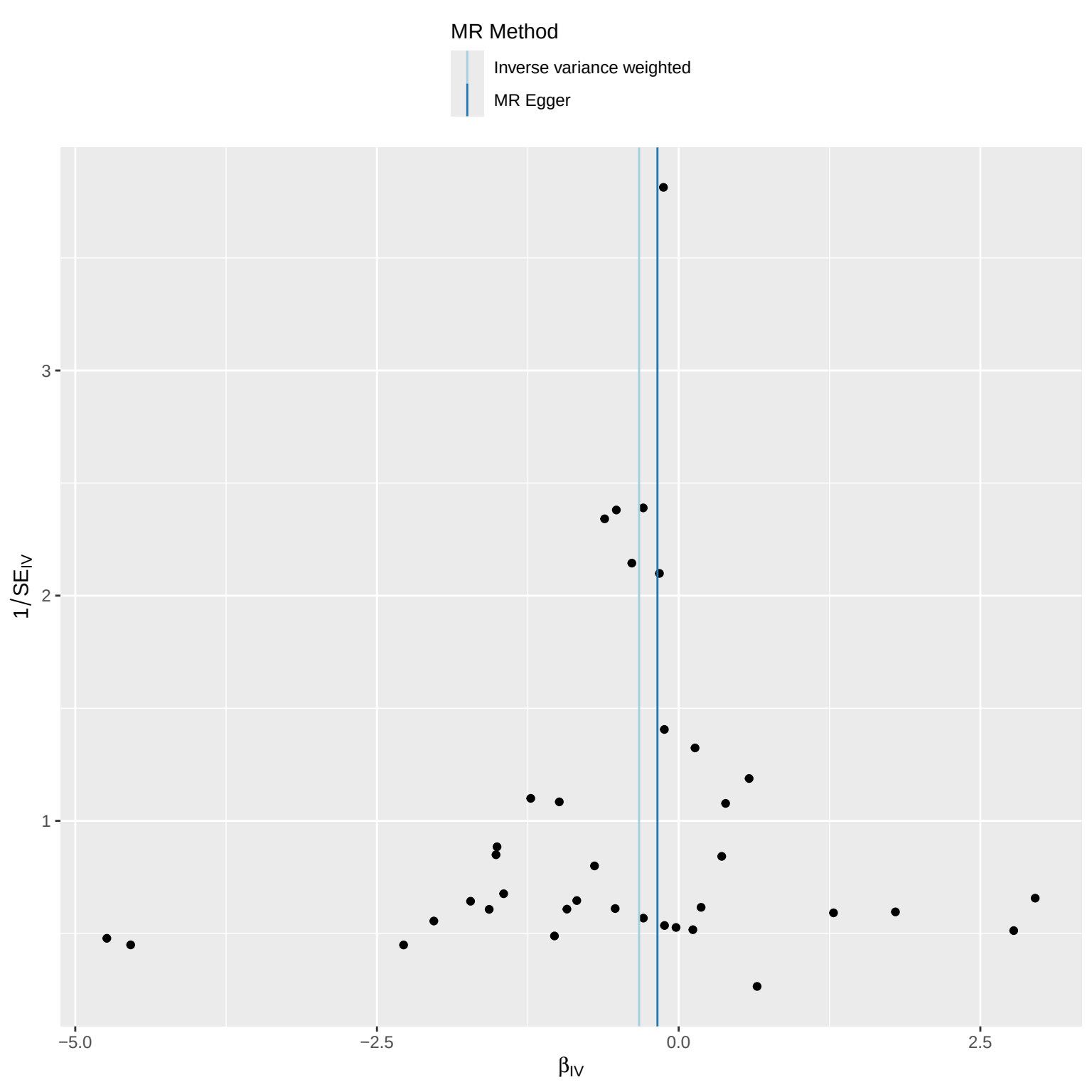

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

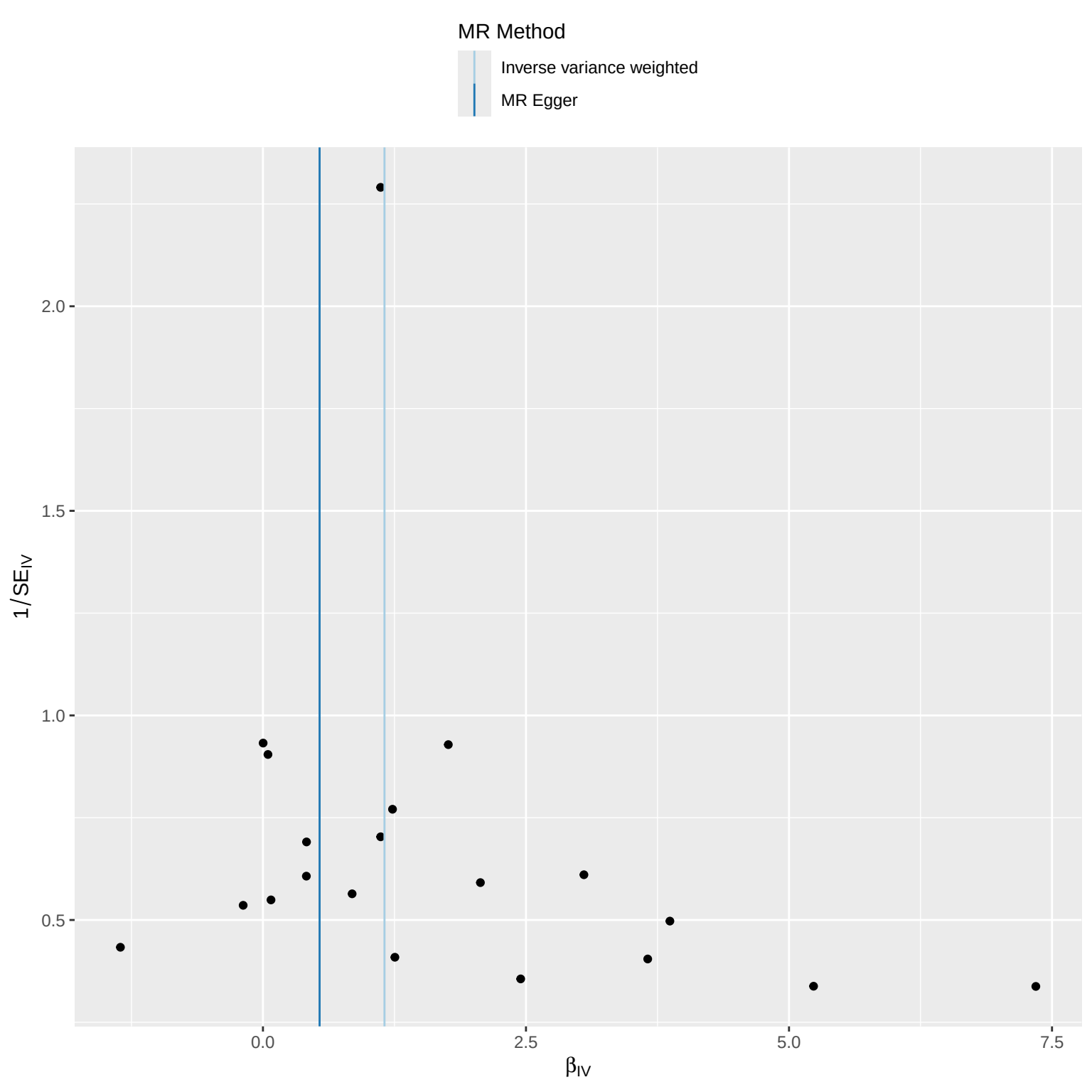

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

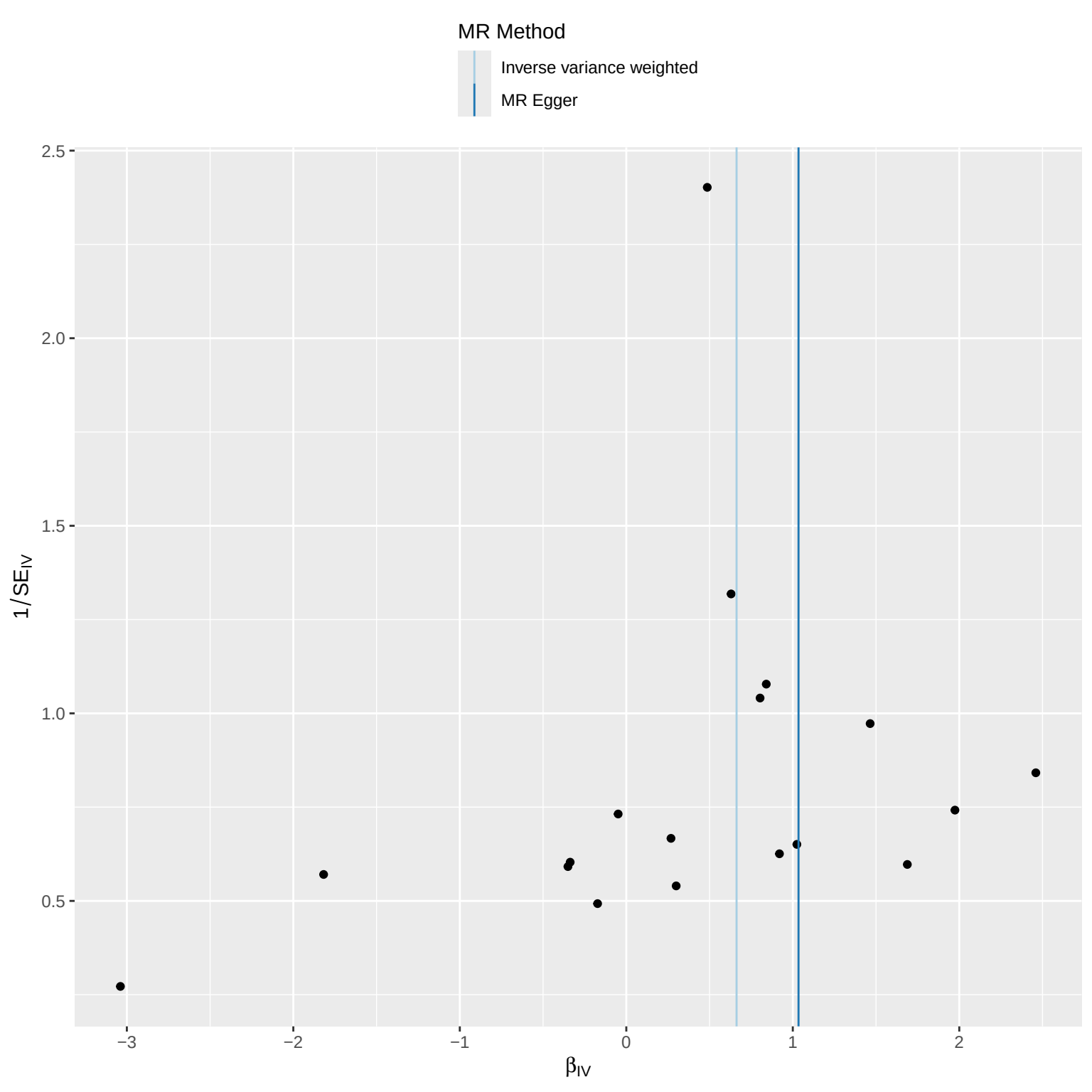

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−3
−2
−1
0
1
β_IV

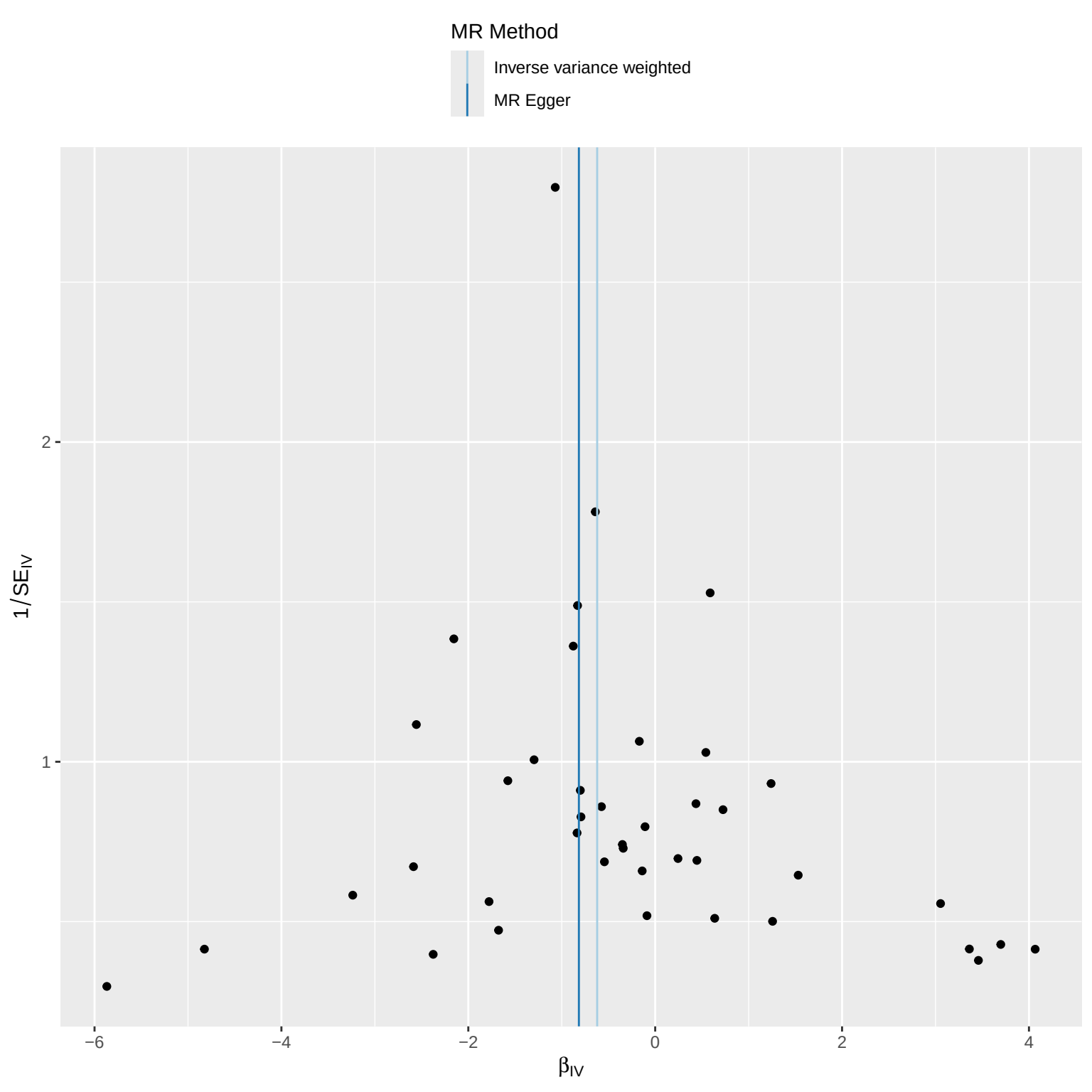

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

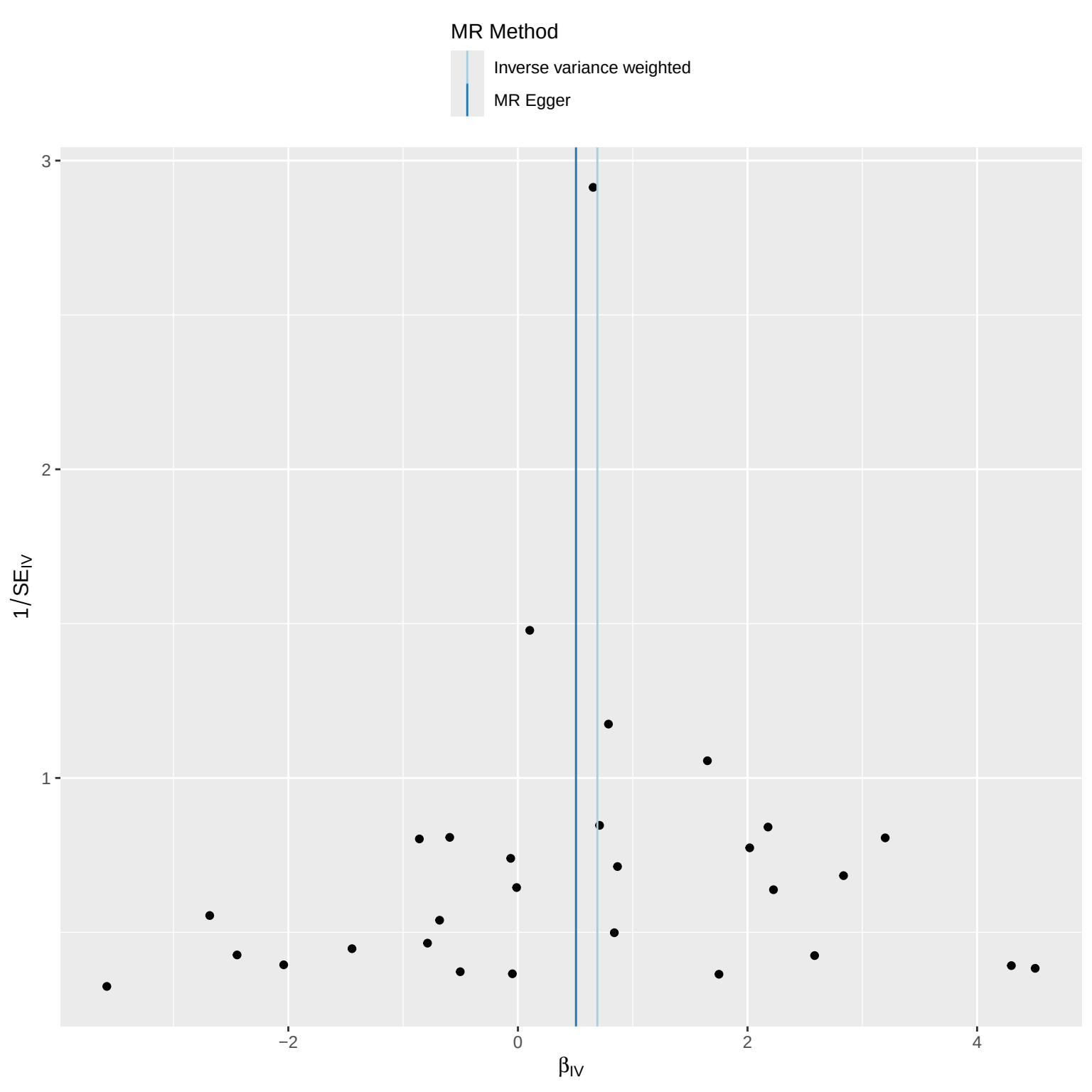

MR Method
Inverse variance weighted
MR Egger
0.55
0.50
0.45
0.40
0.35
1/SE_IV
0
2
4
6
β_IV

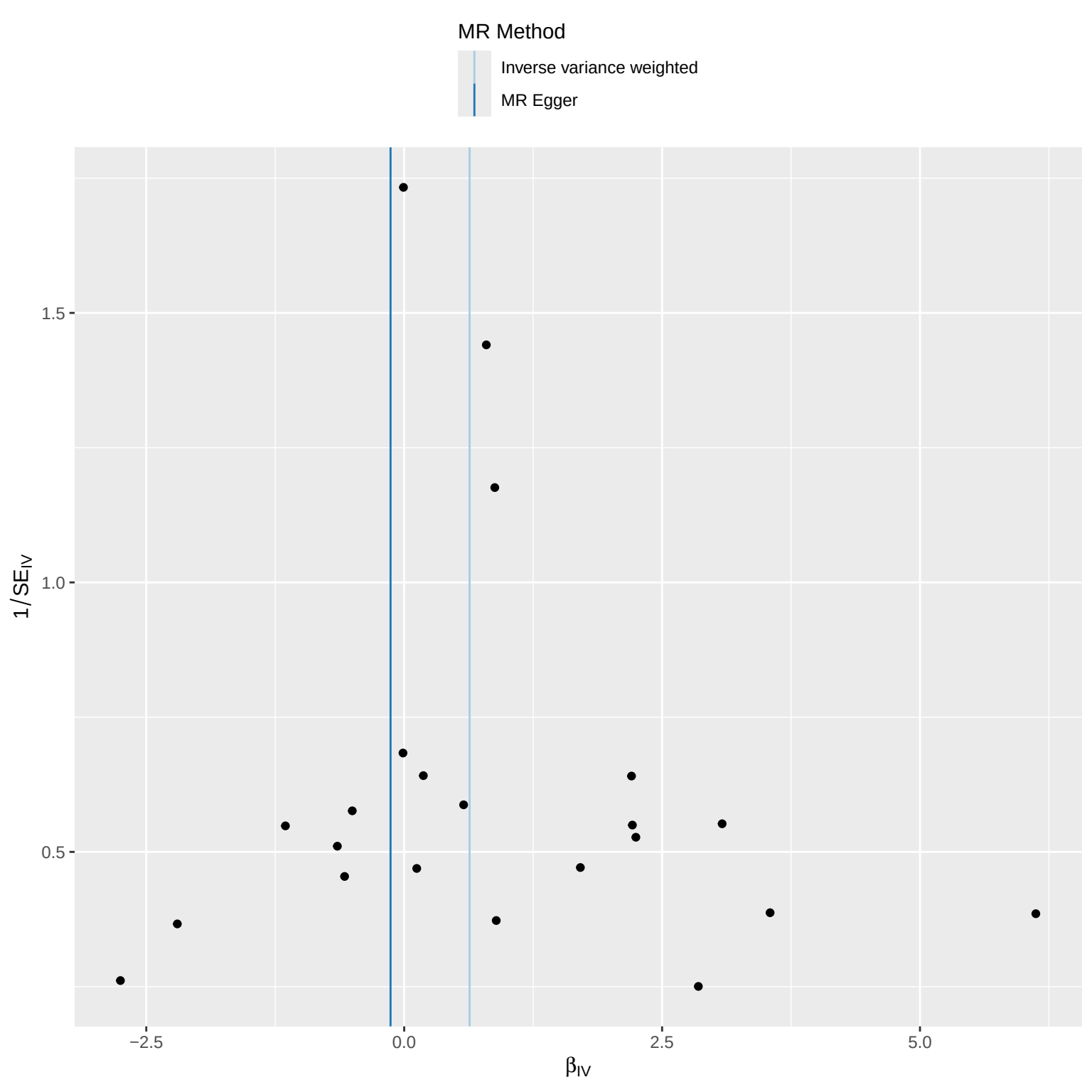

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

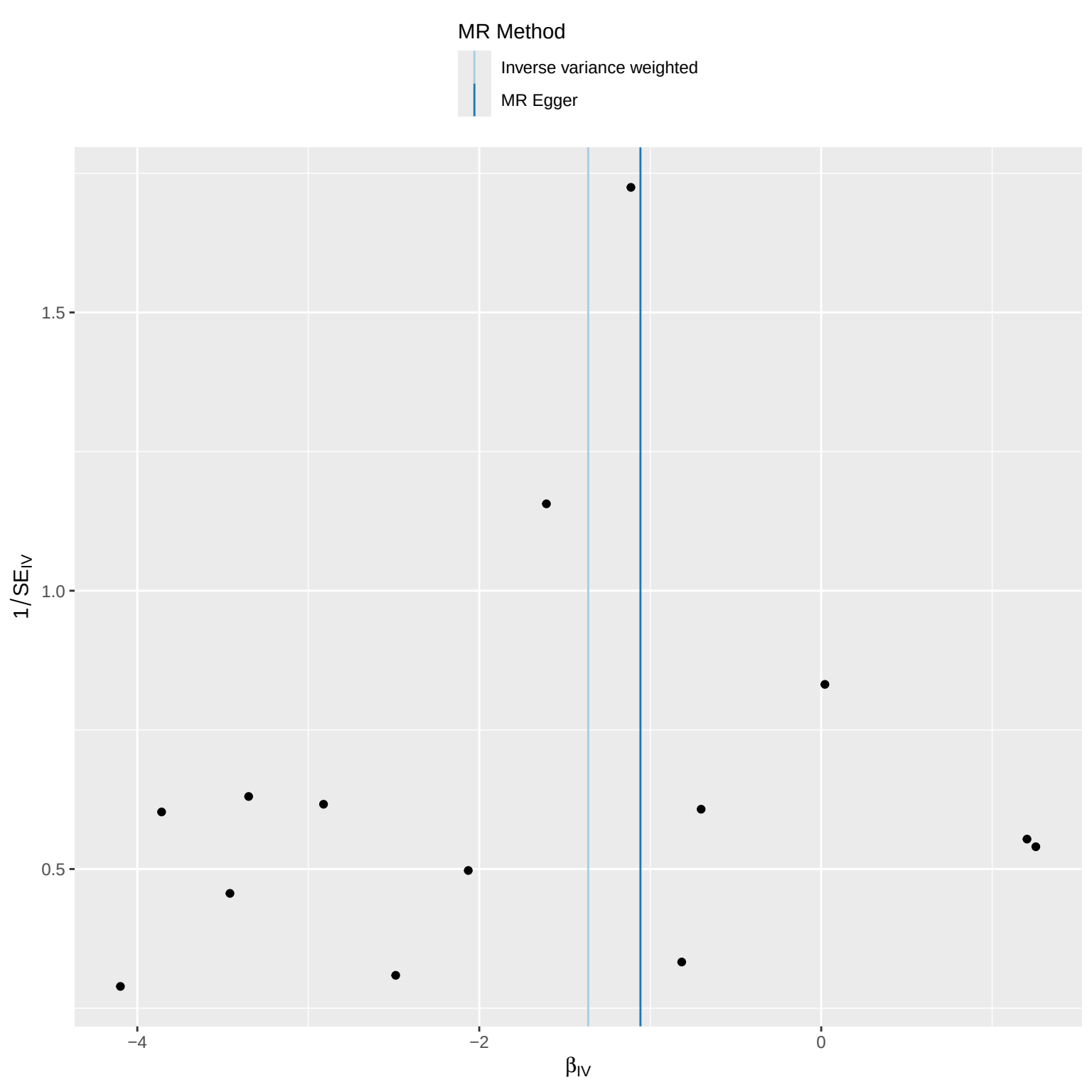

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0.0
2.5
5.0
7.5
β_IV

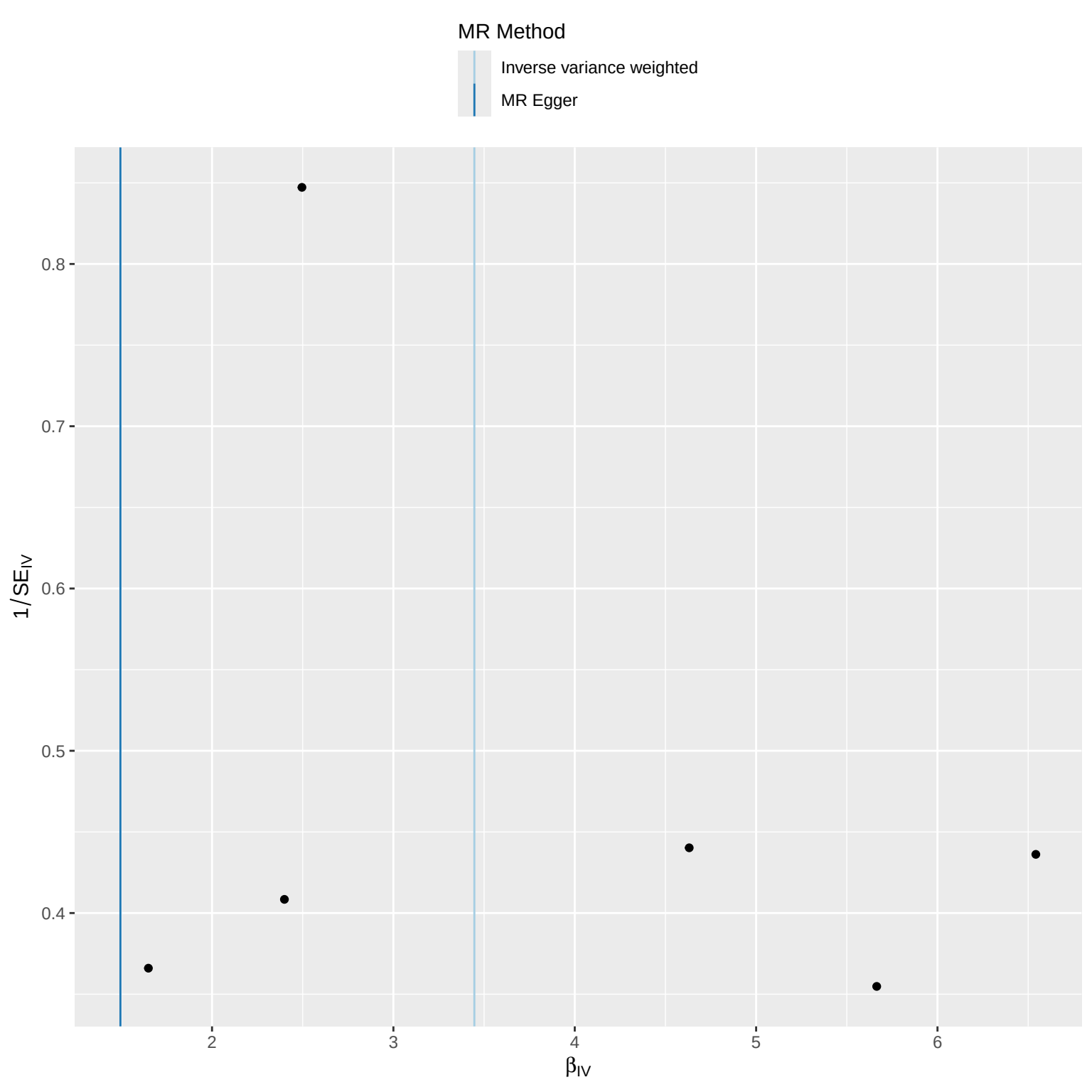

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

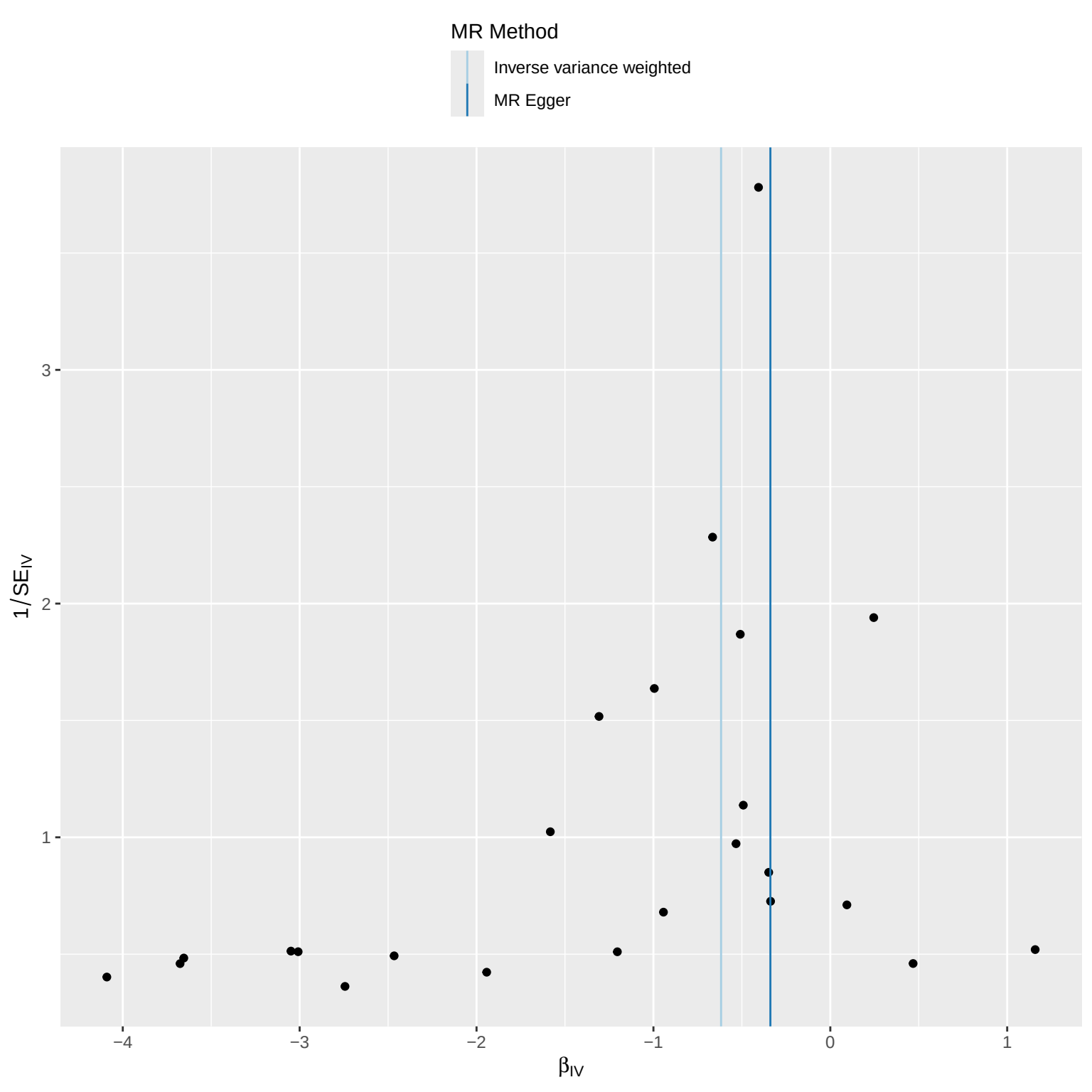

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−4
−2
0
2
4
β_IV

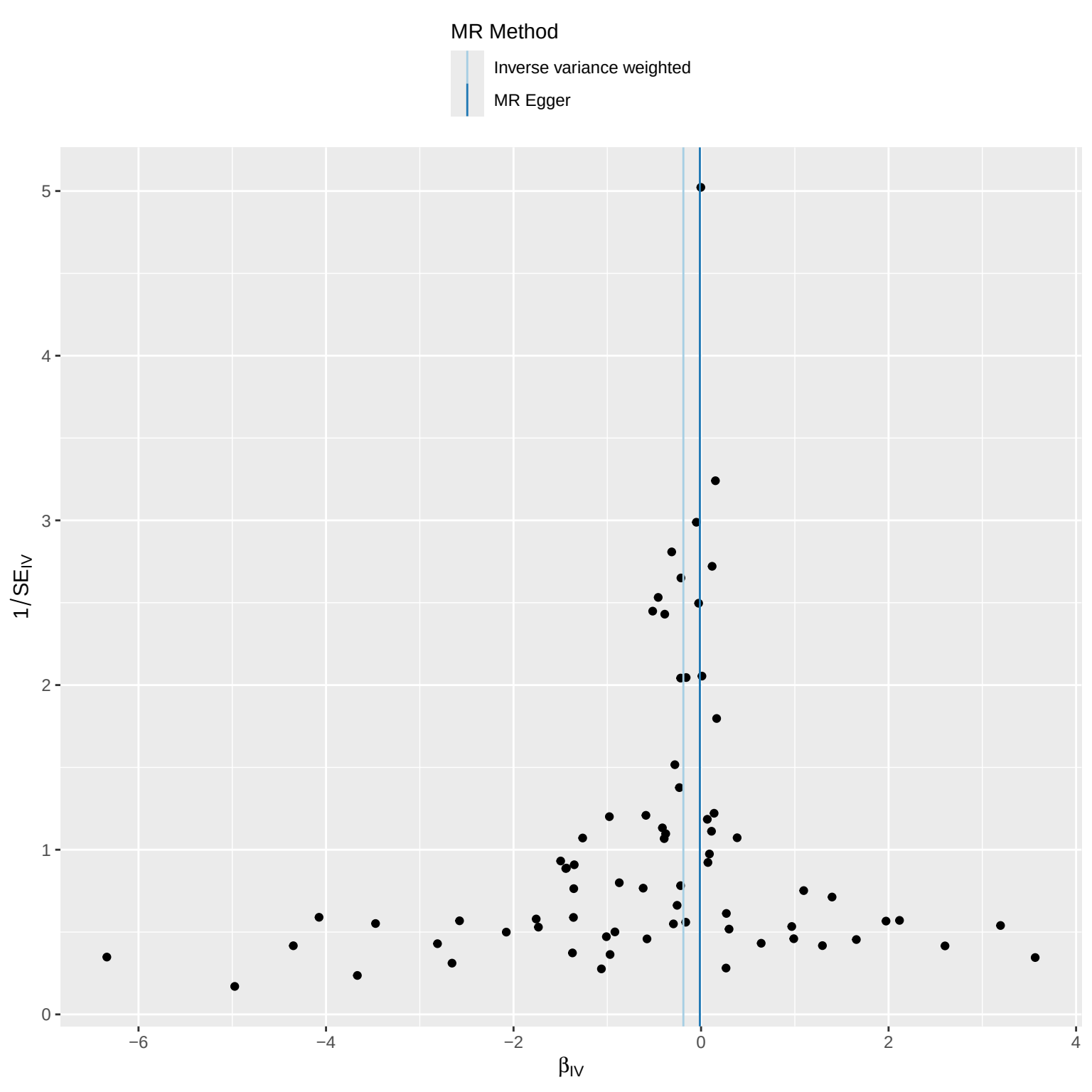

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

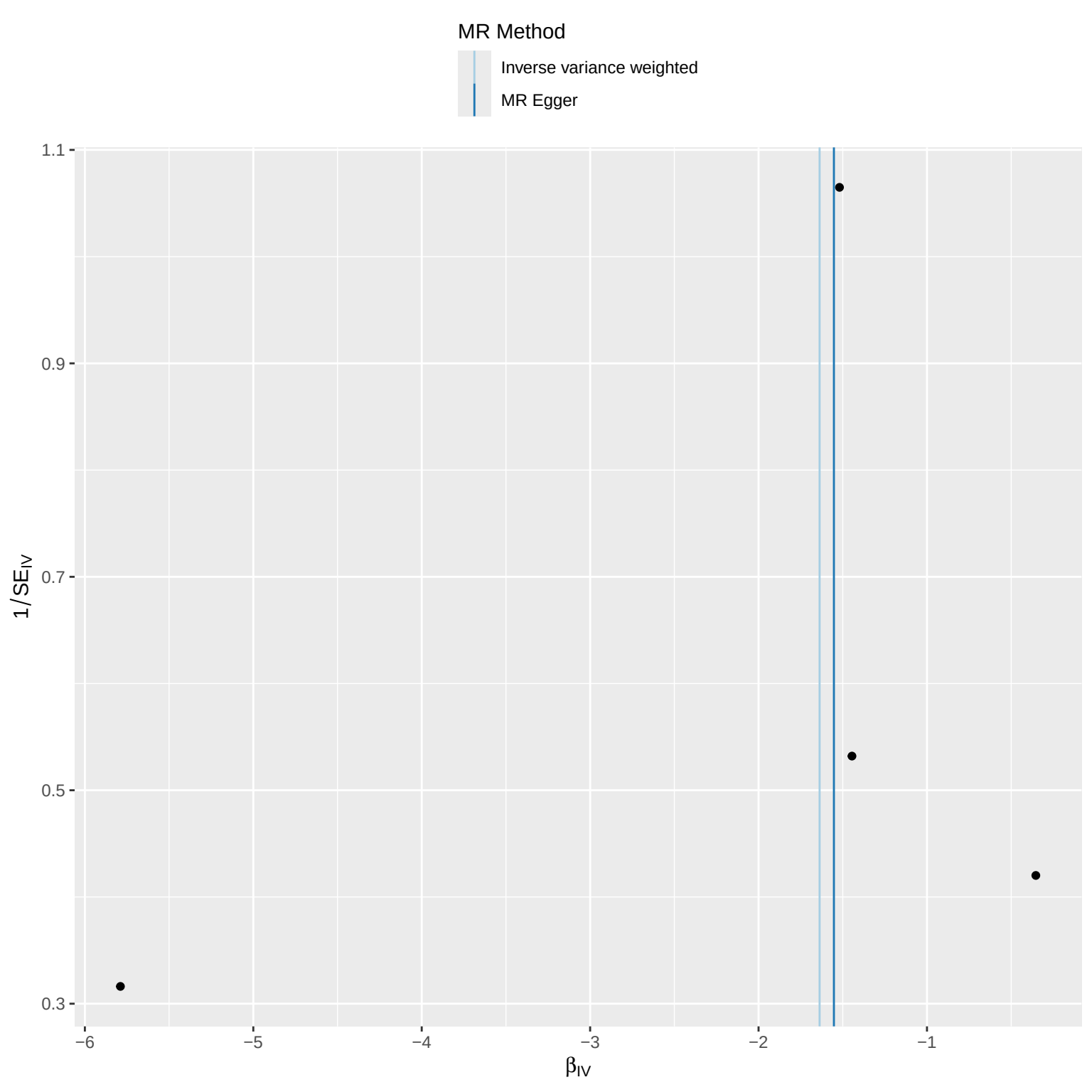

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

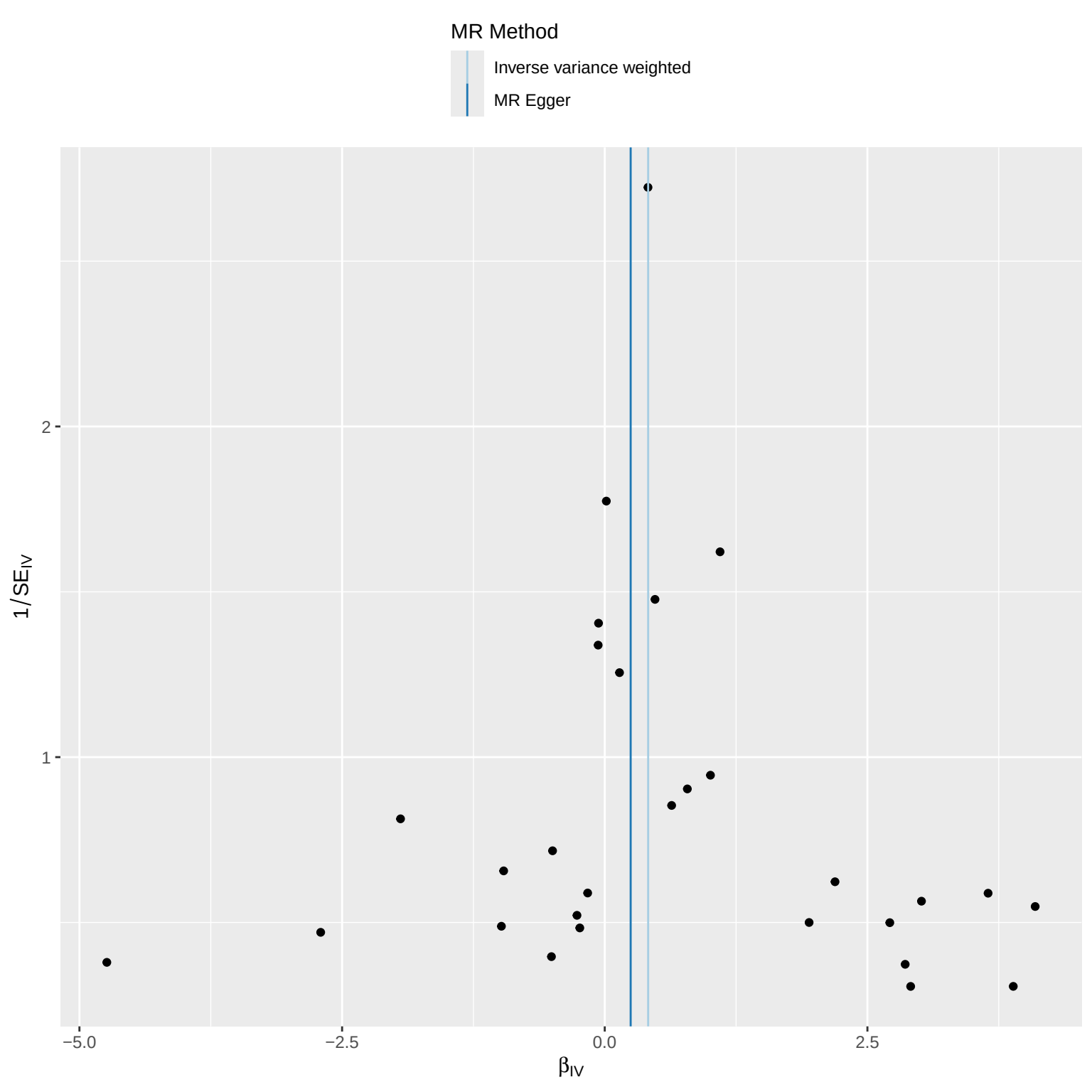

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

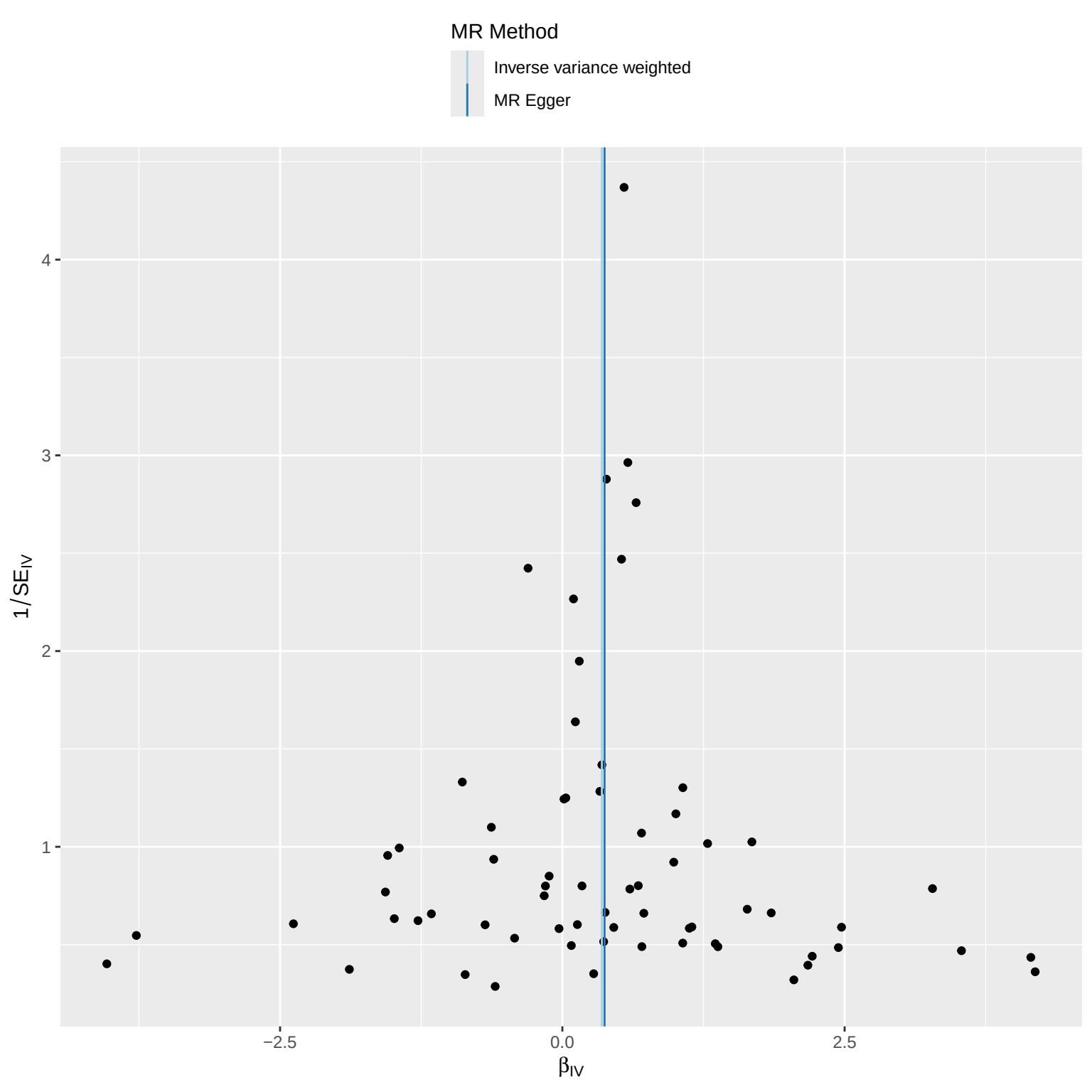

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
2
3
4
5
6
β_IV

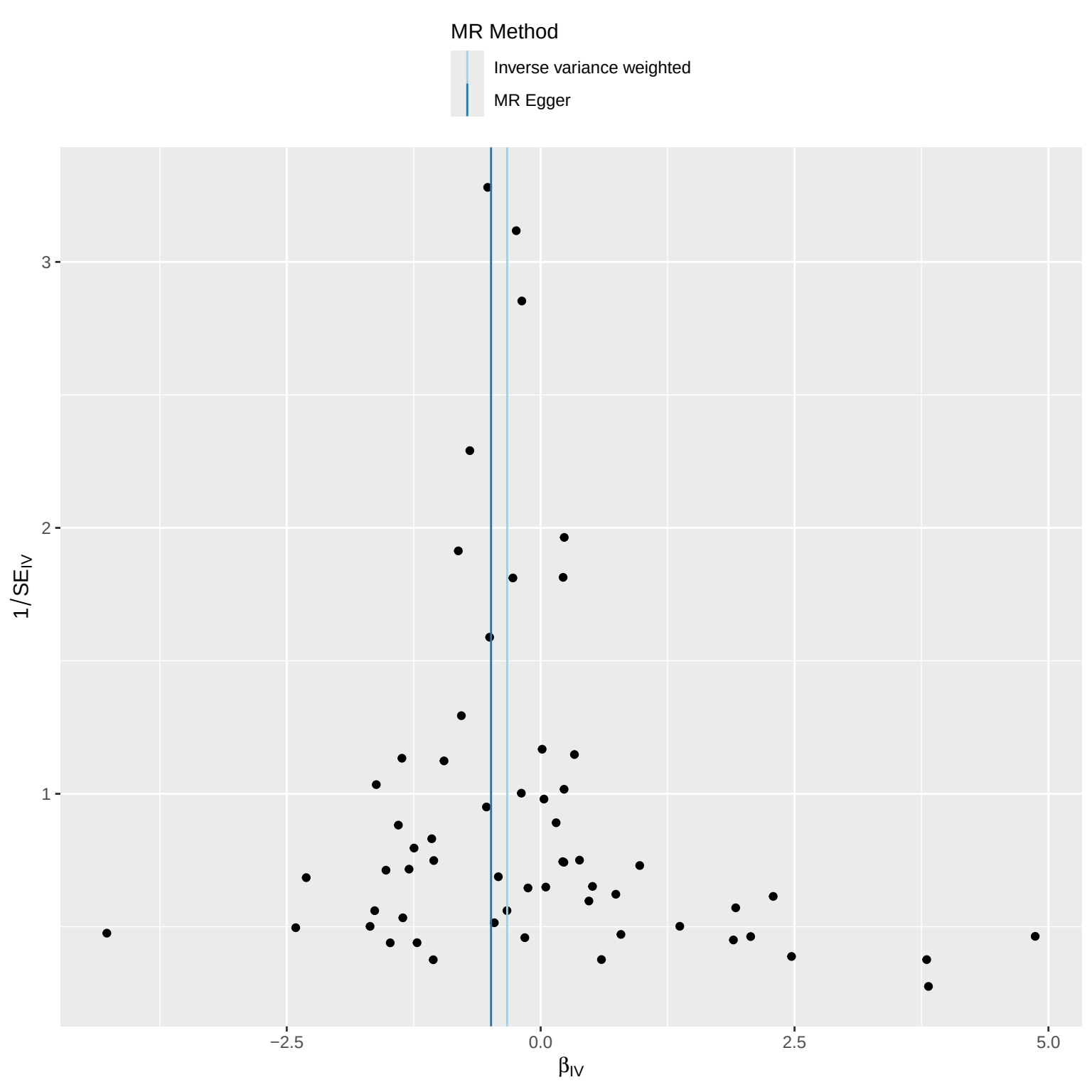

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

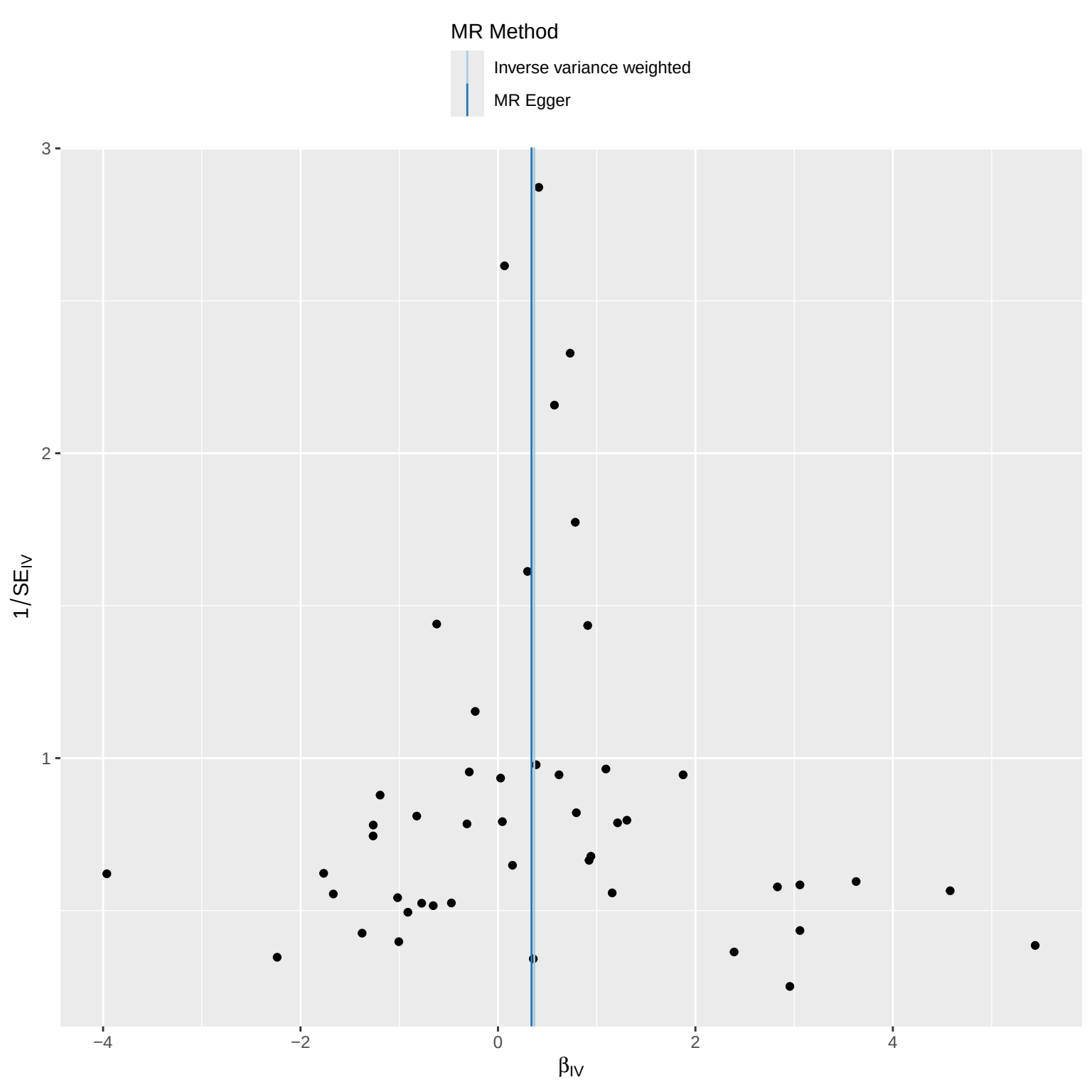

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−6
−4
−2
0
2
4
β_IV

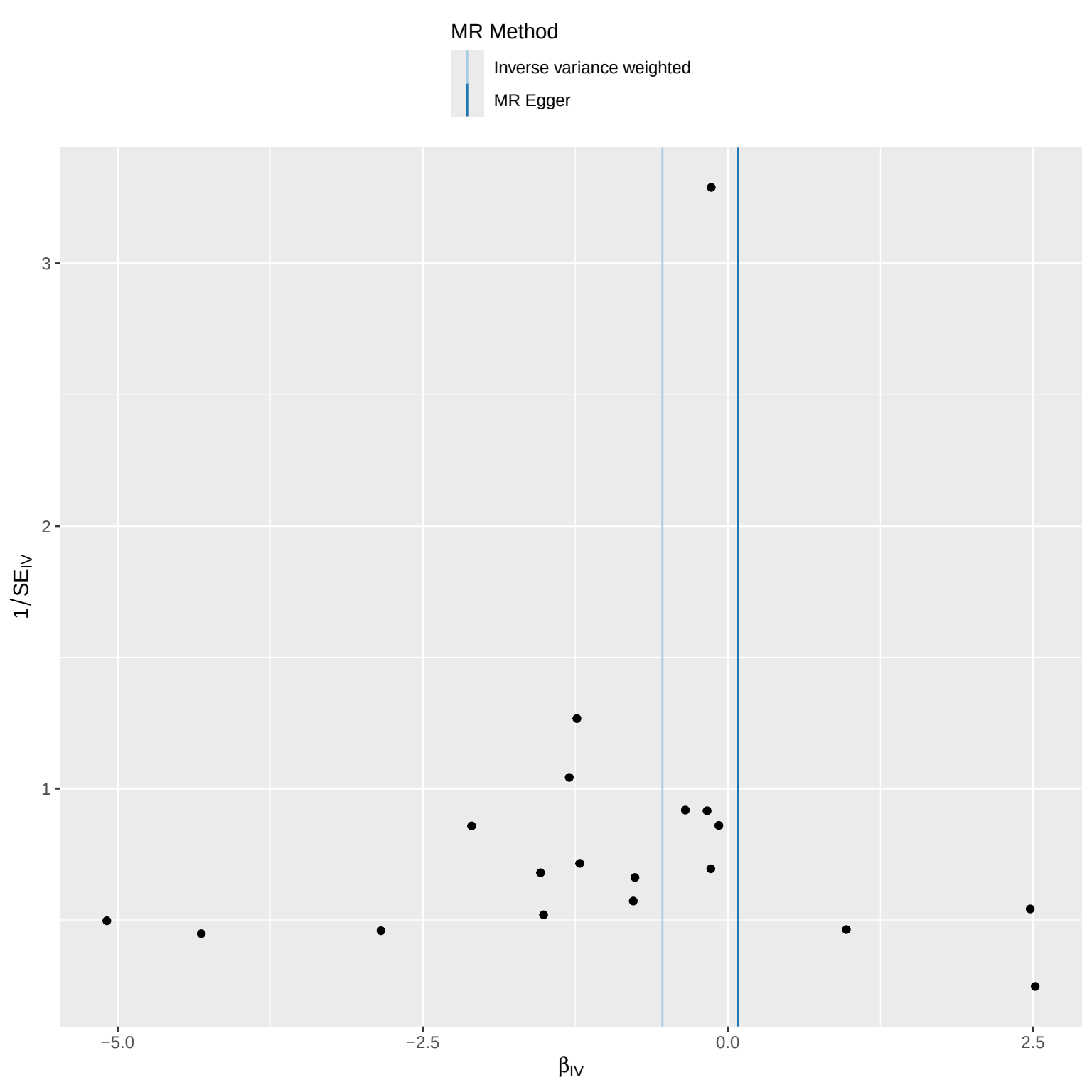

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
0.3
1/SE_IV
−6
−5
−4
−3
−2
−1
β_IV

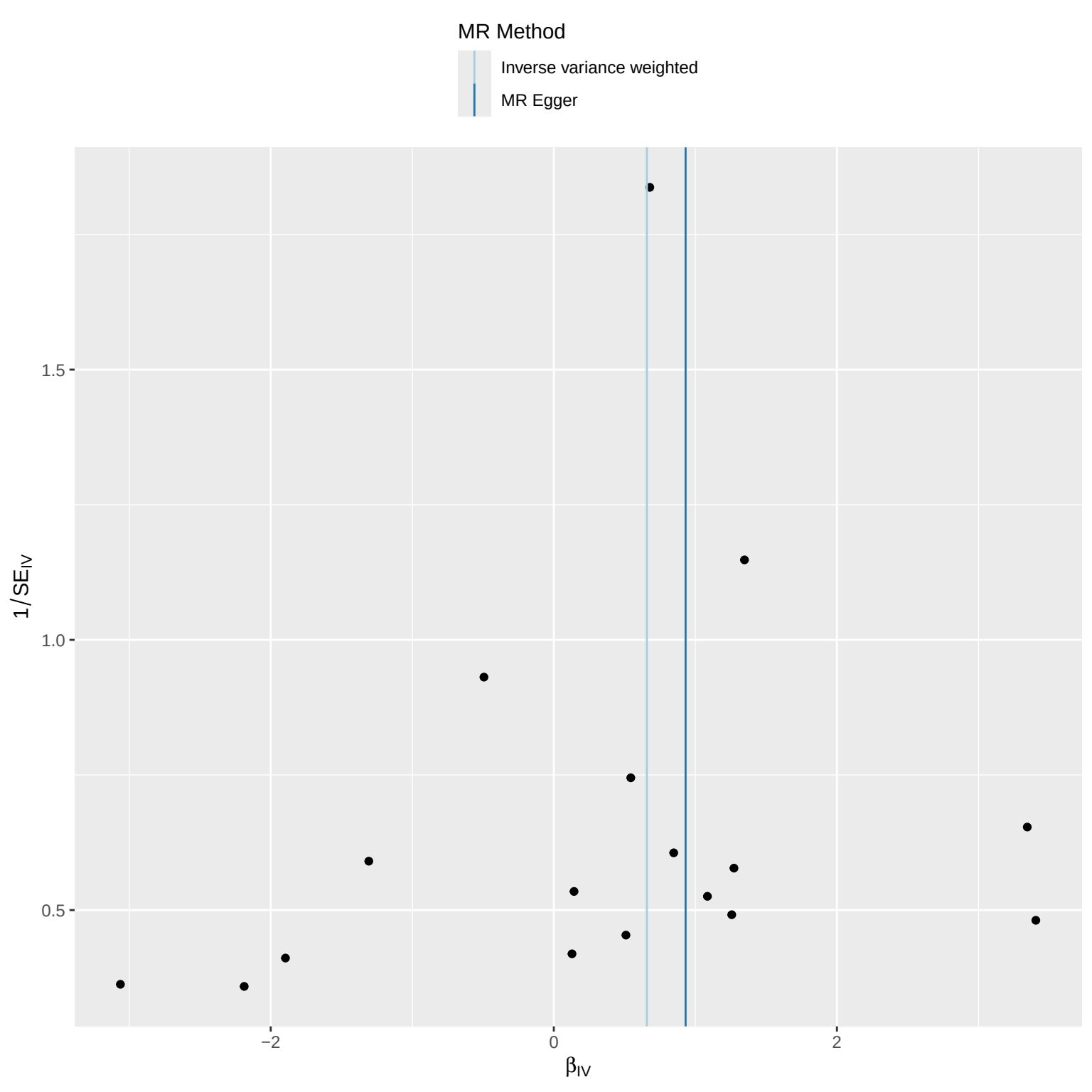

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

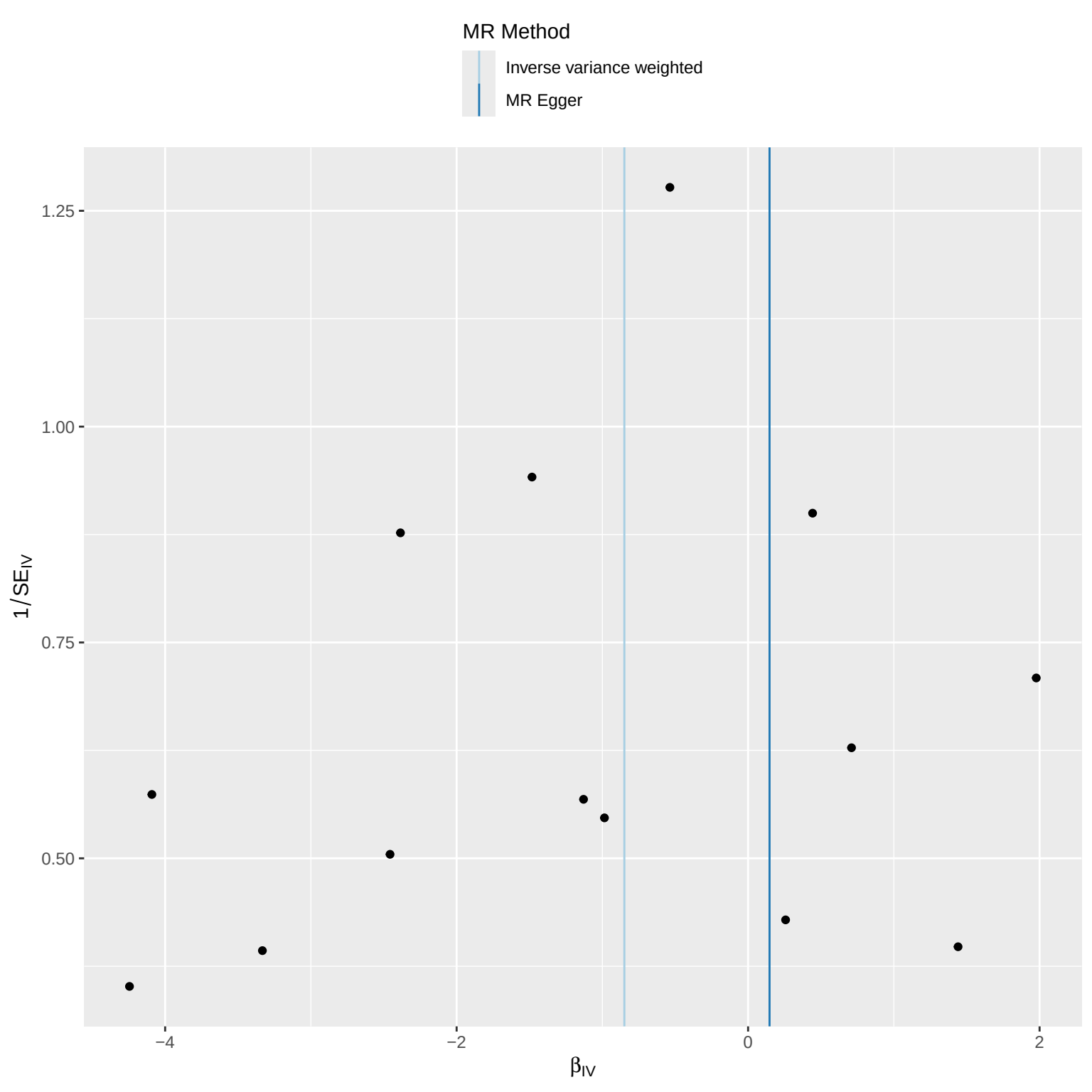

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

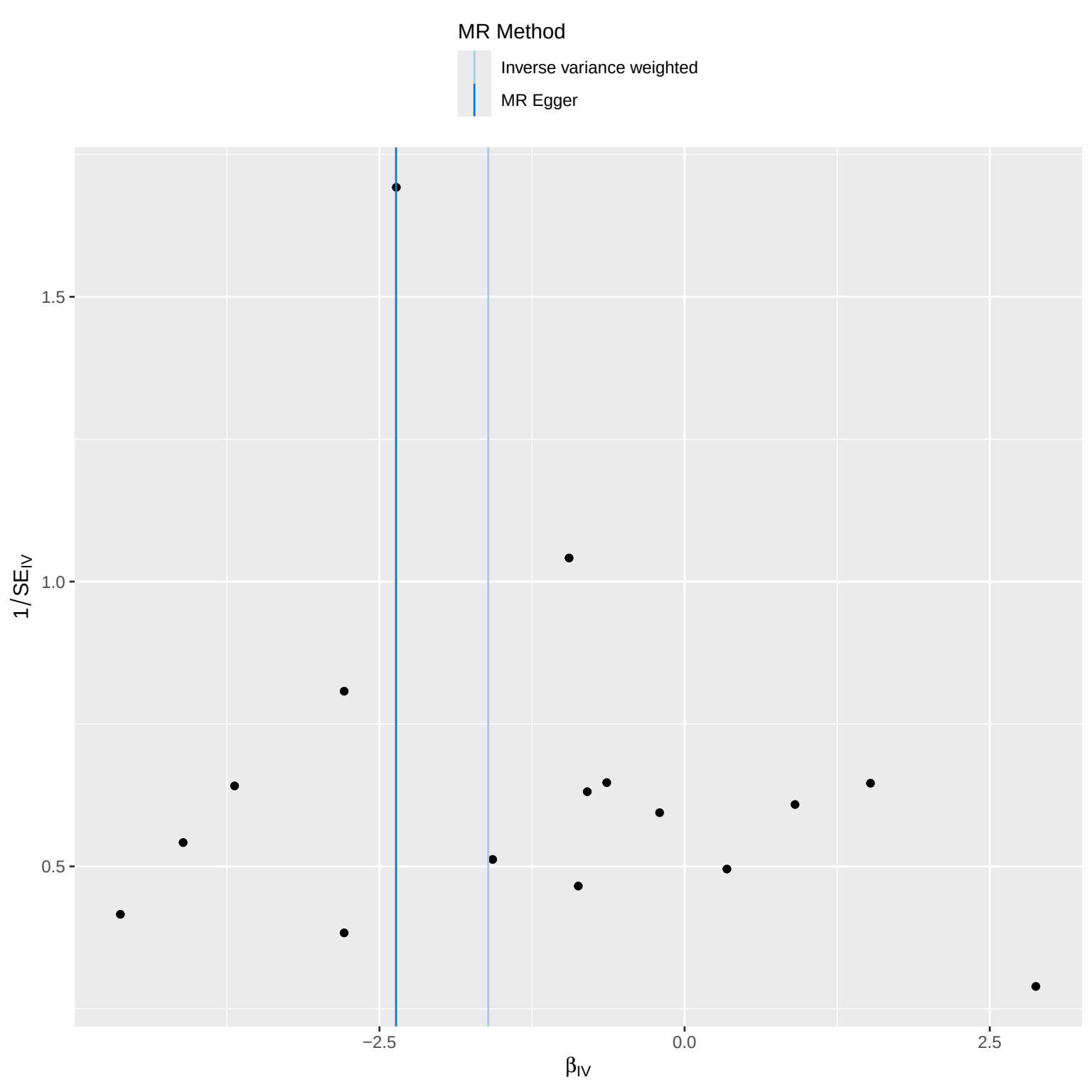

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

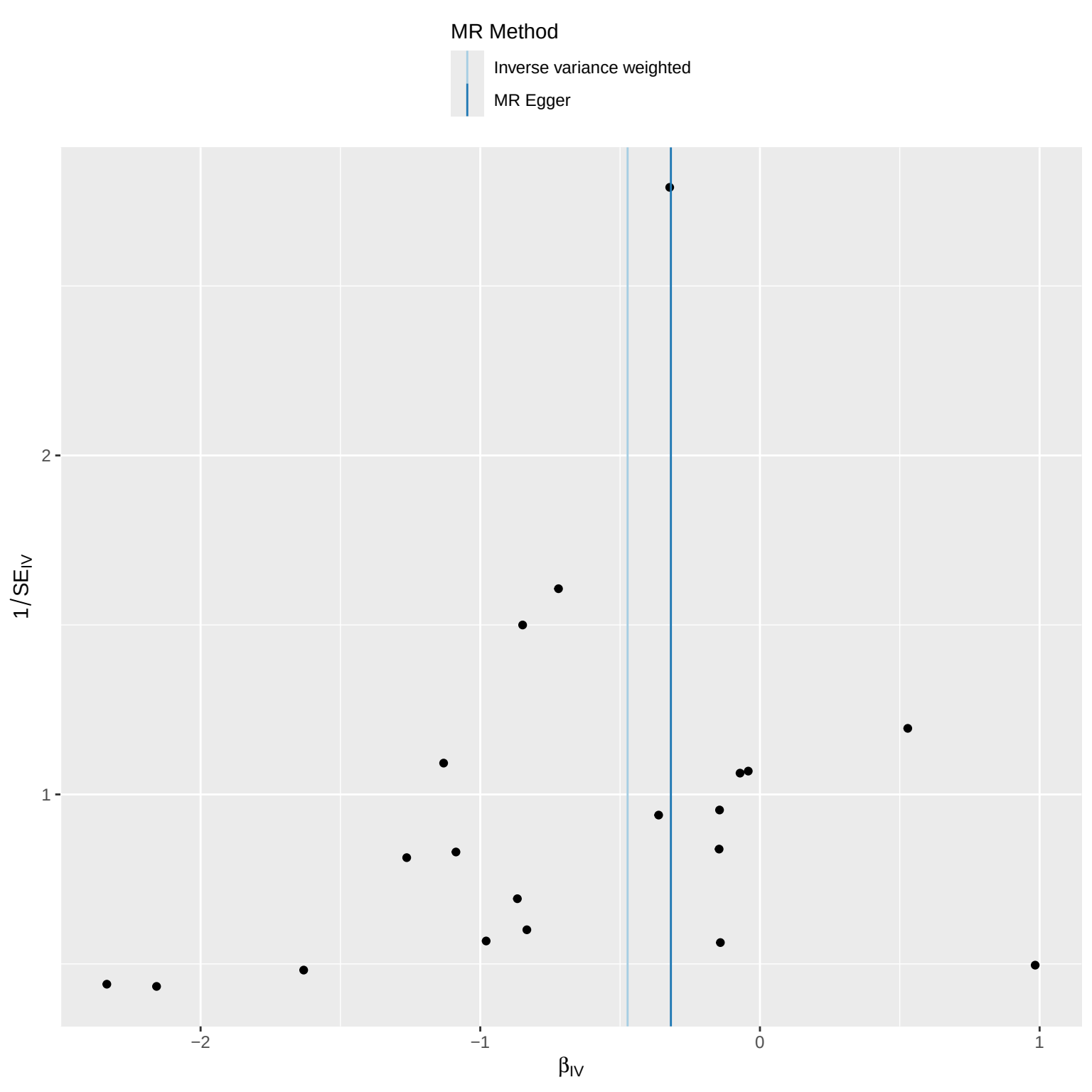

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

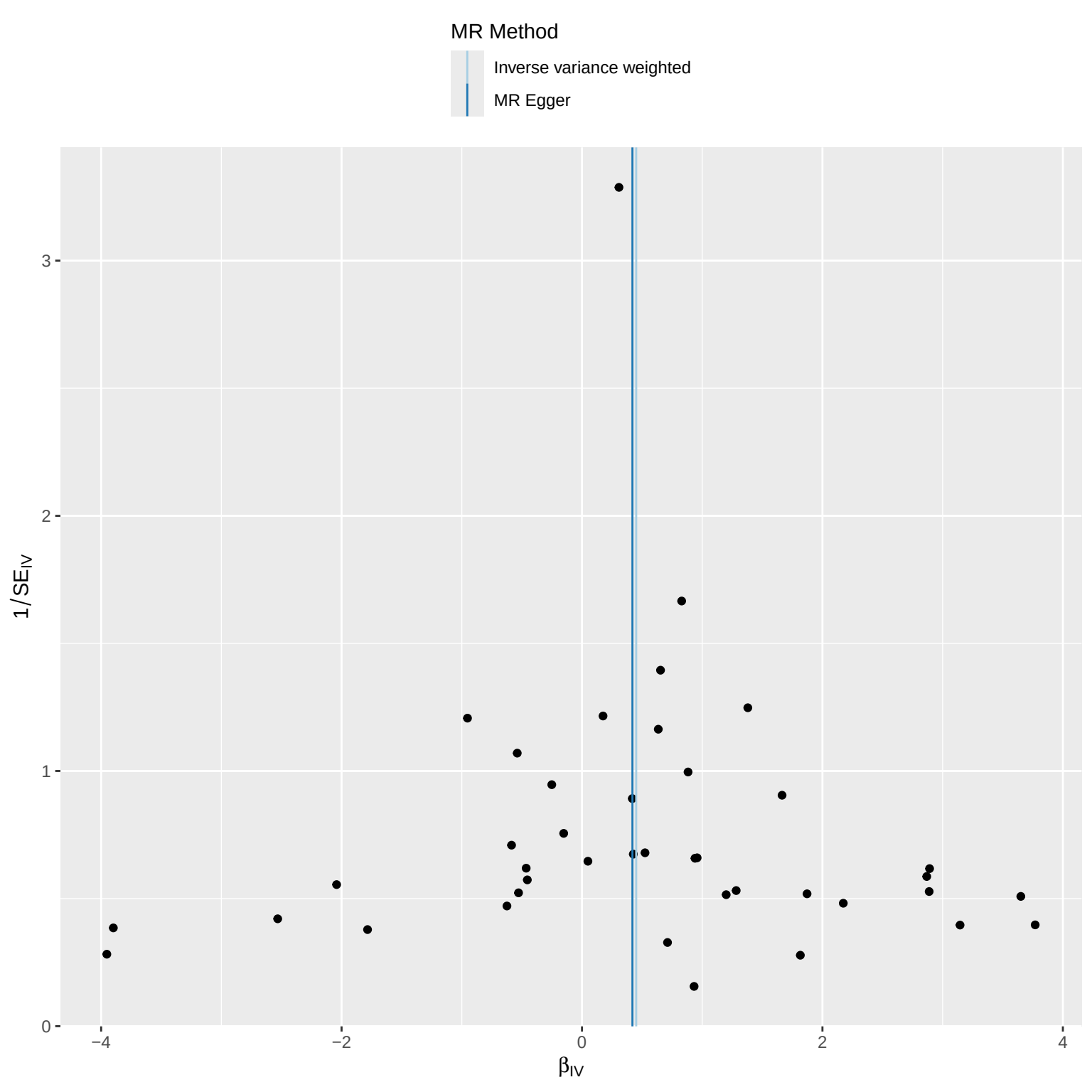

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

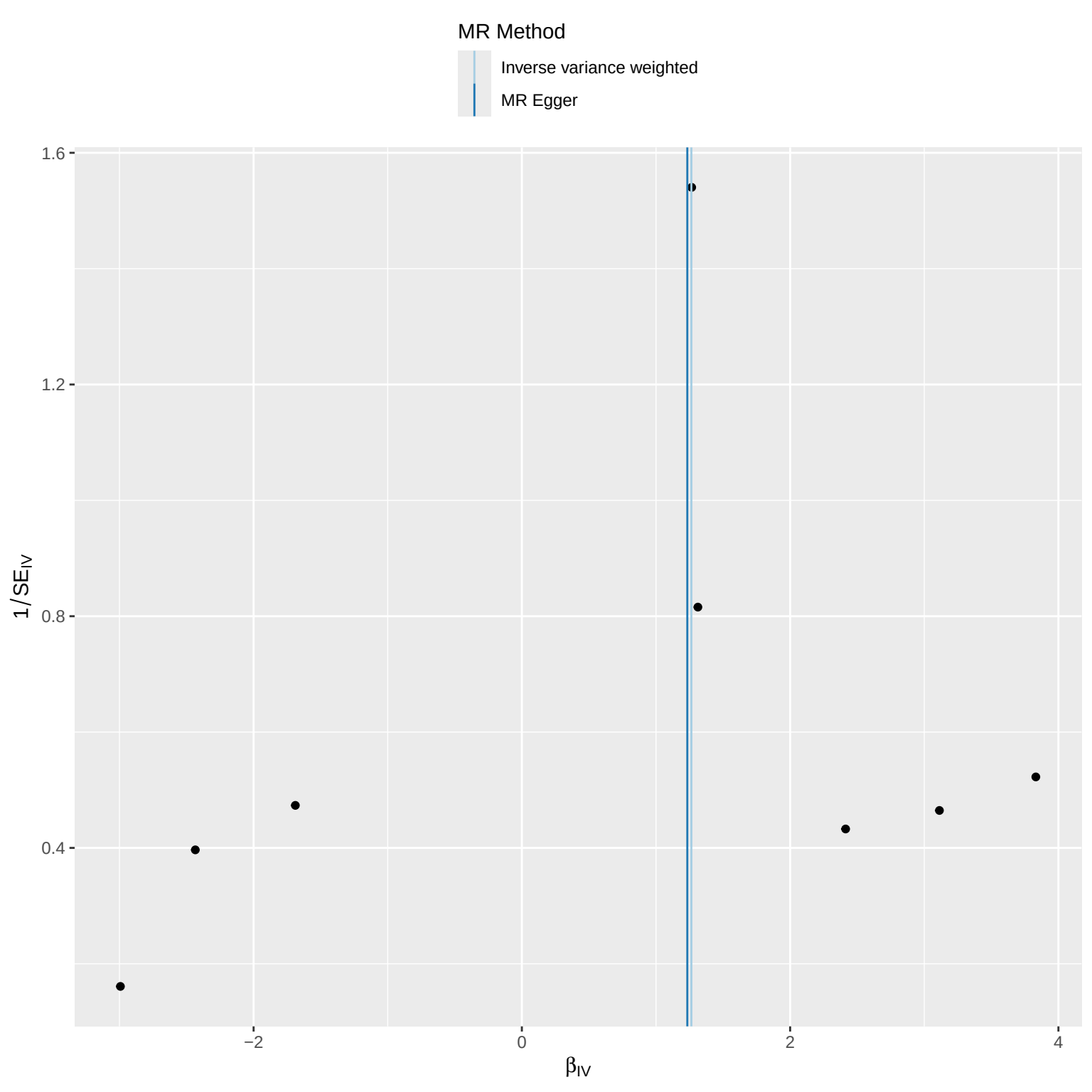

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

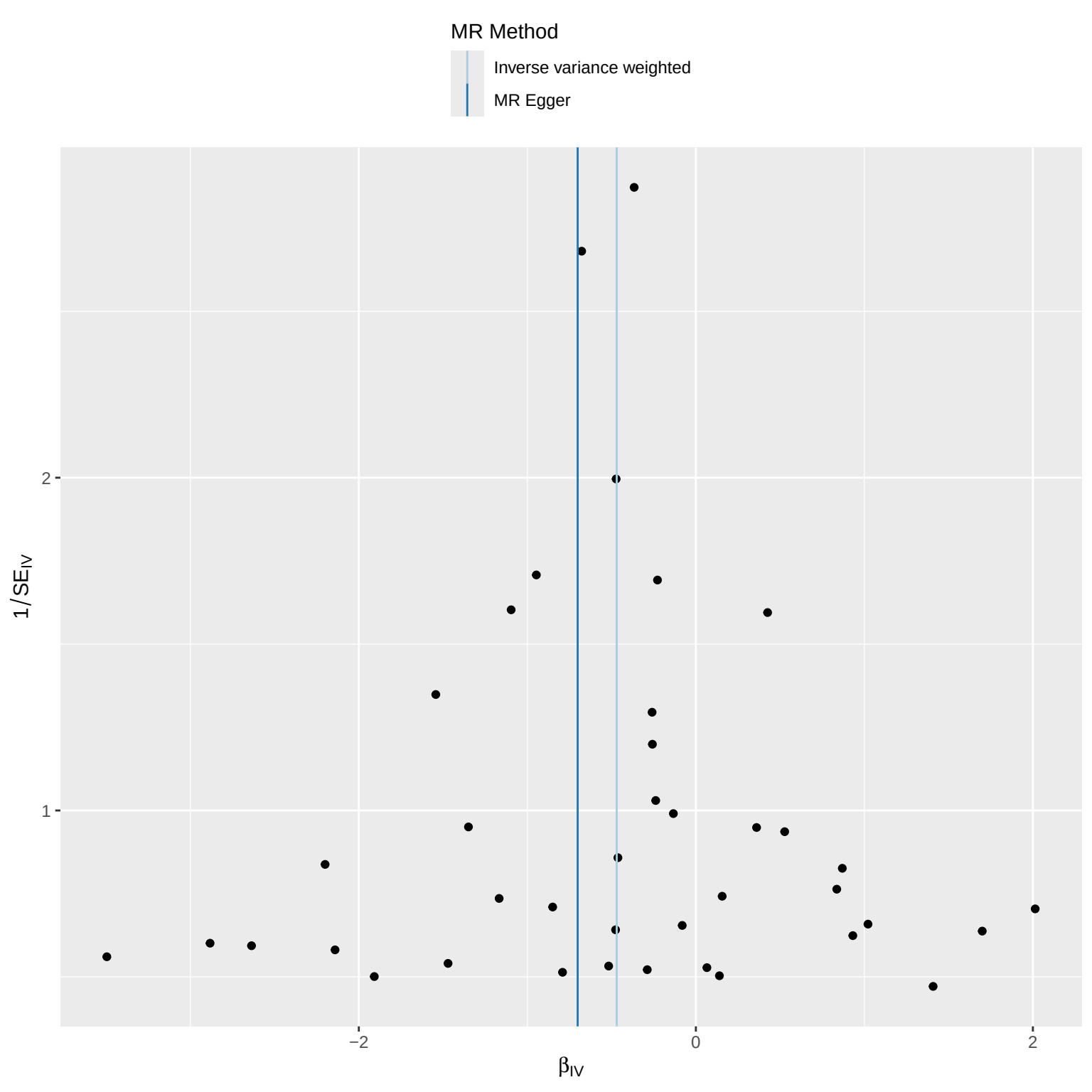

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−4
−2
0
2
β_IV

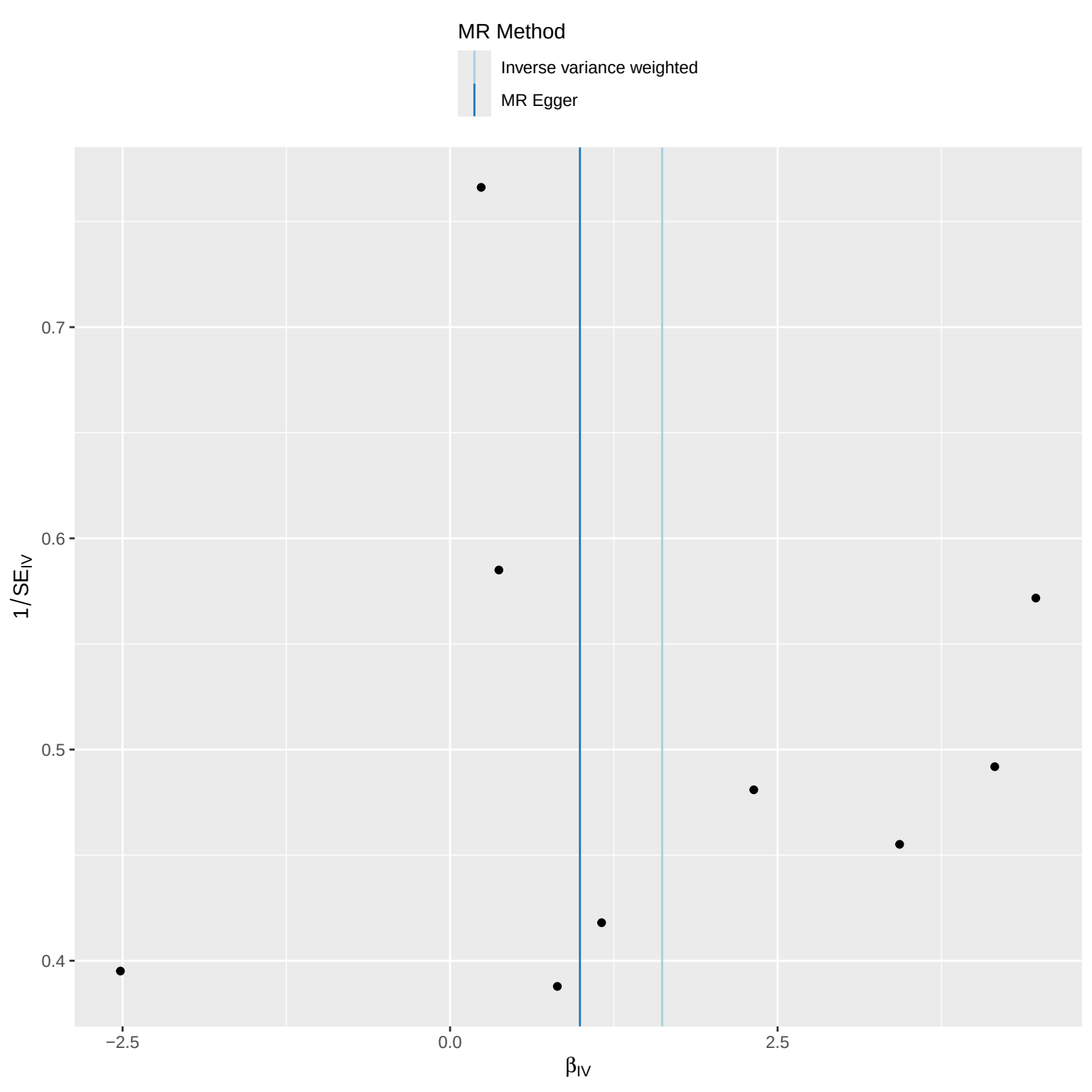

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

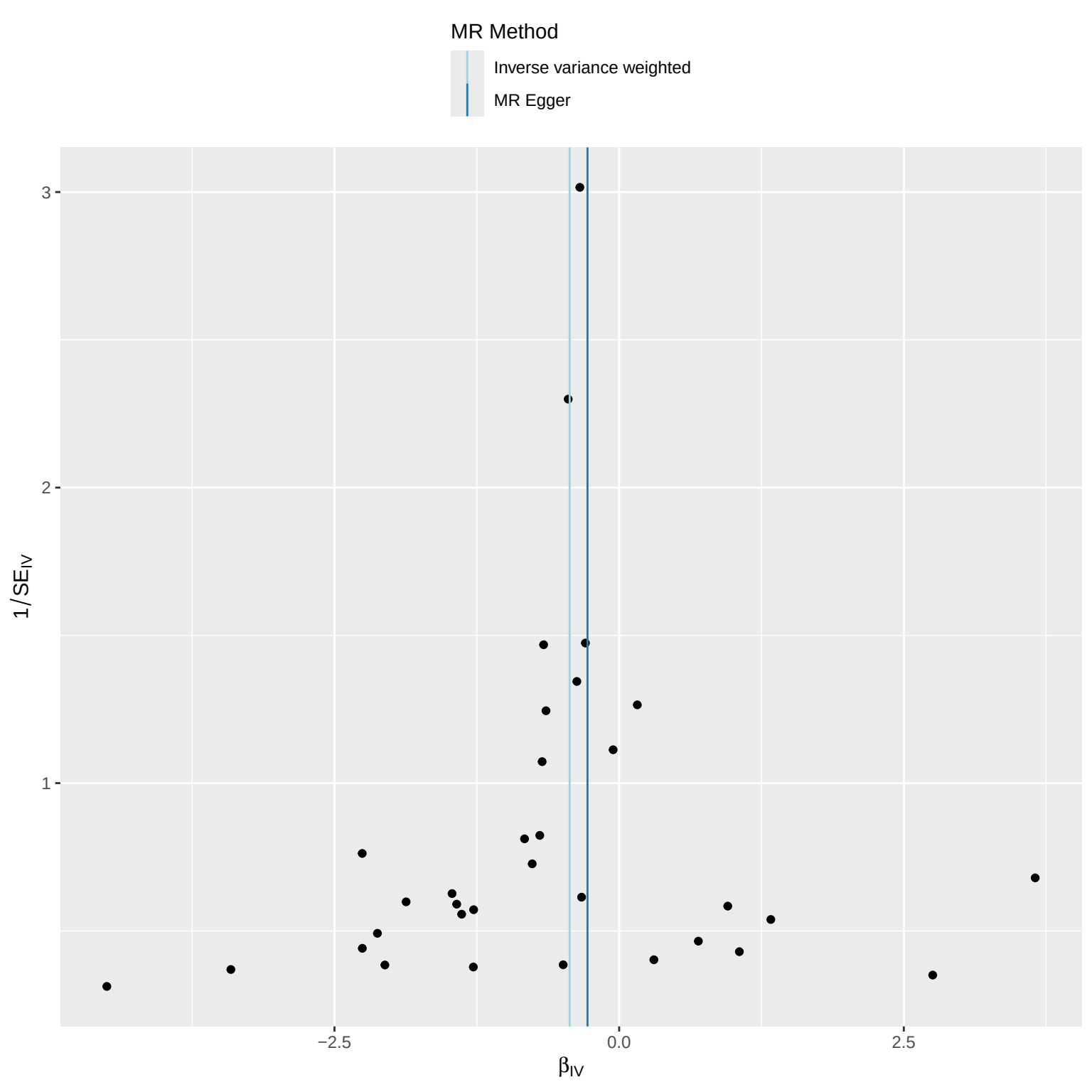

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

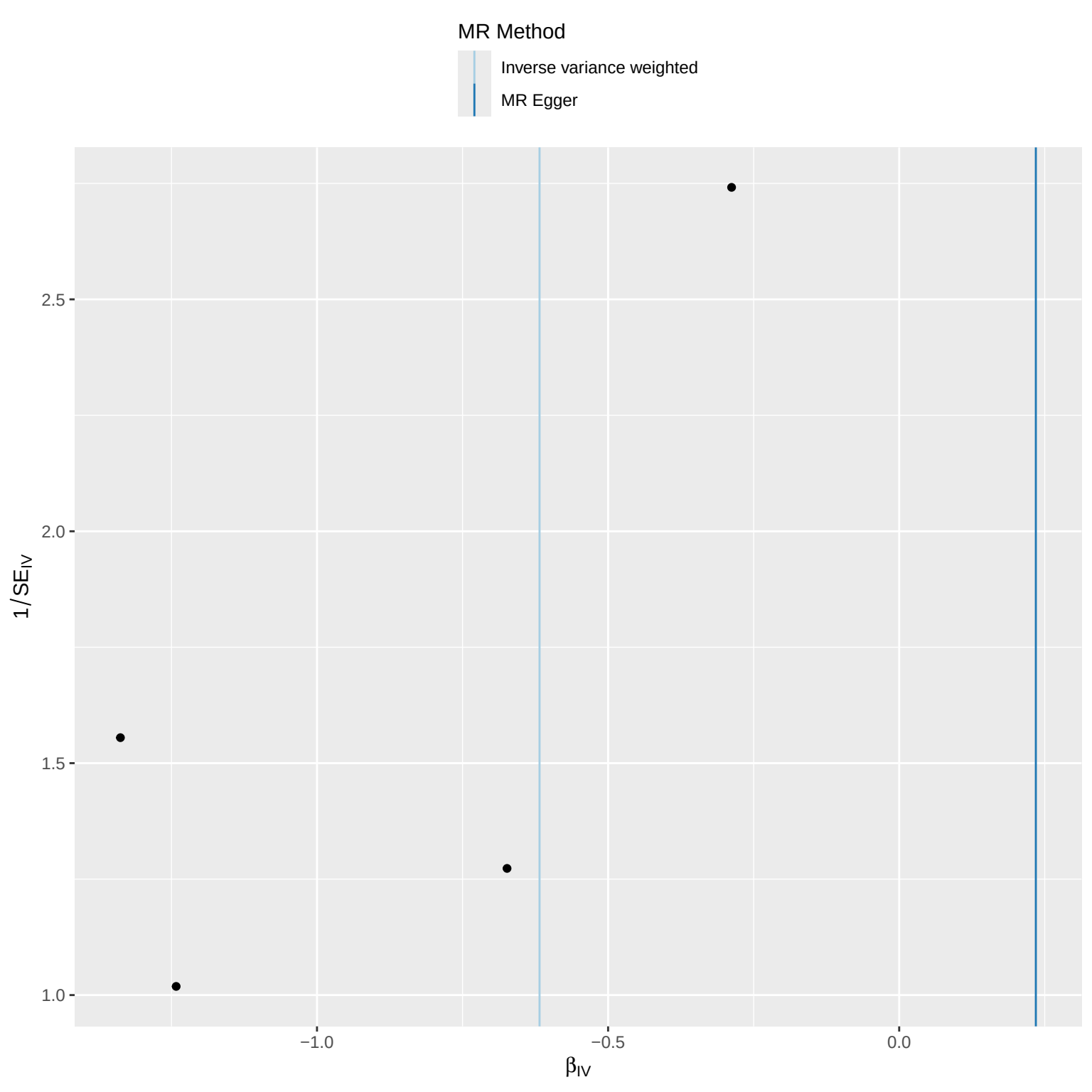

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−4
−2
0
2
4
β_IV

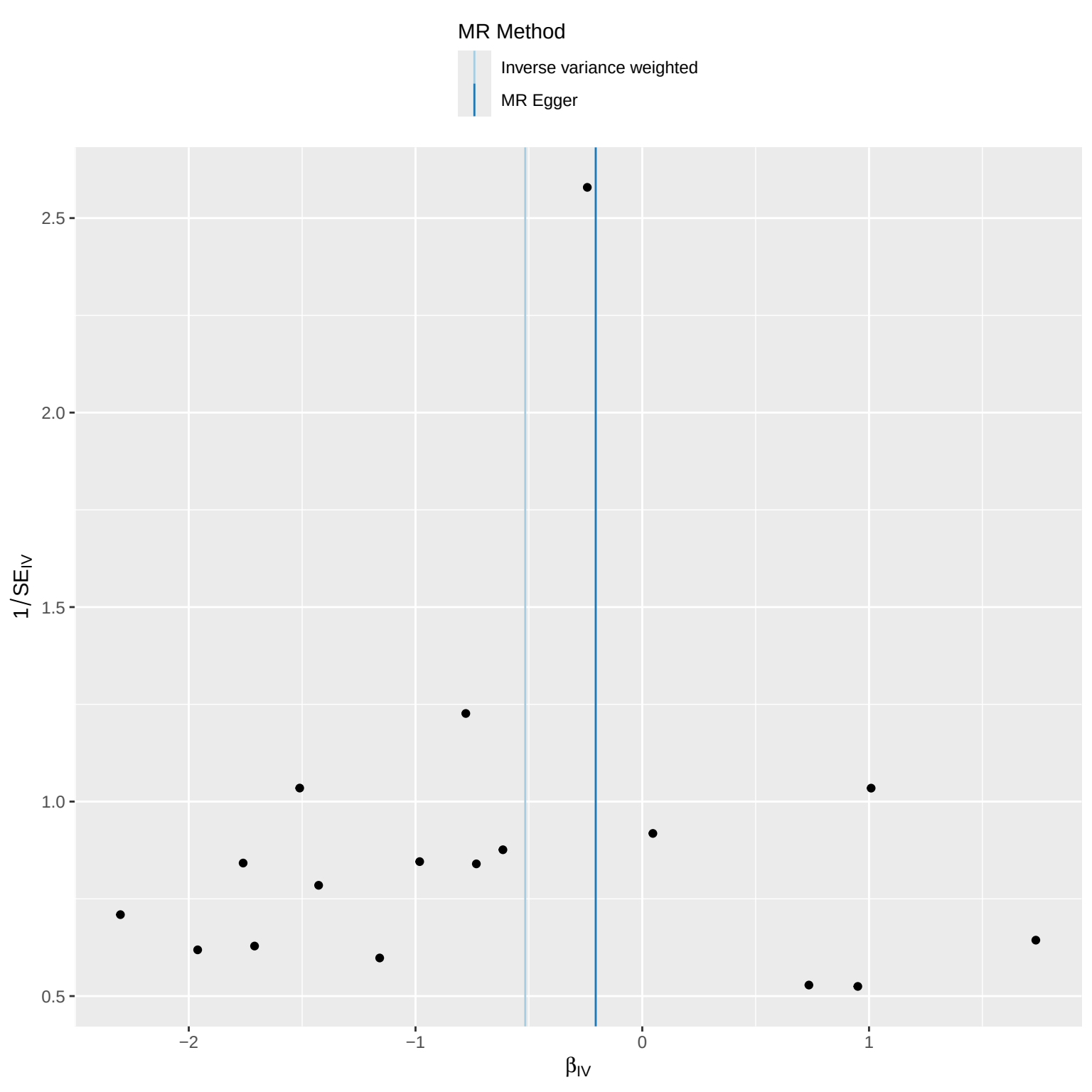

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

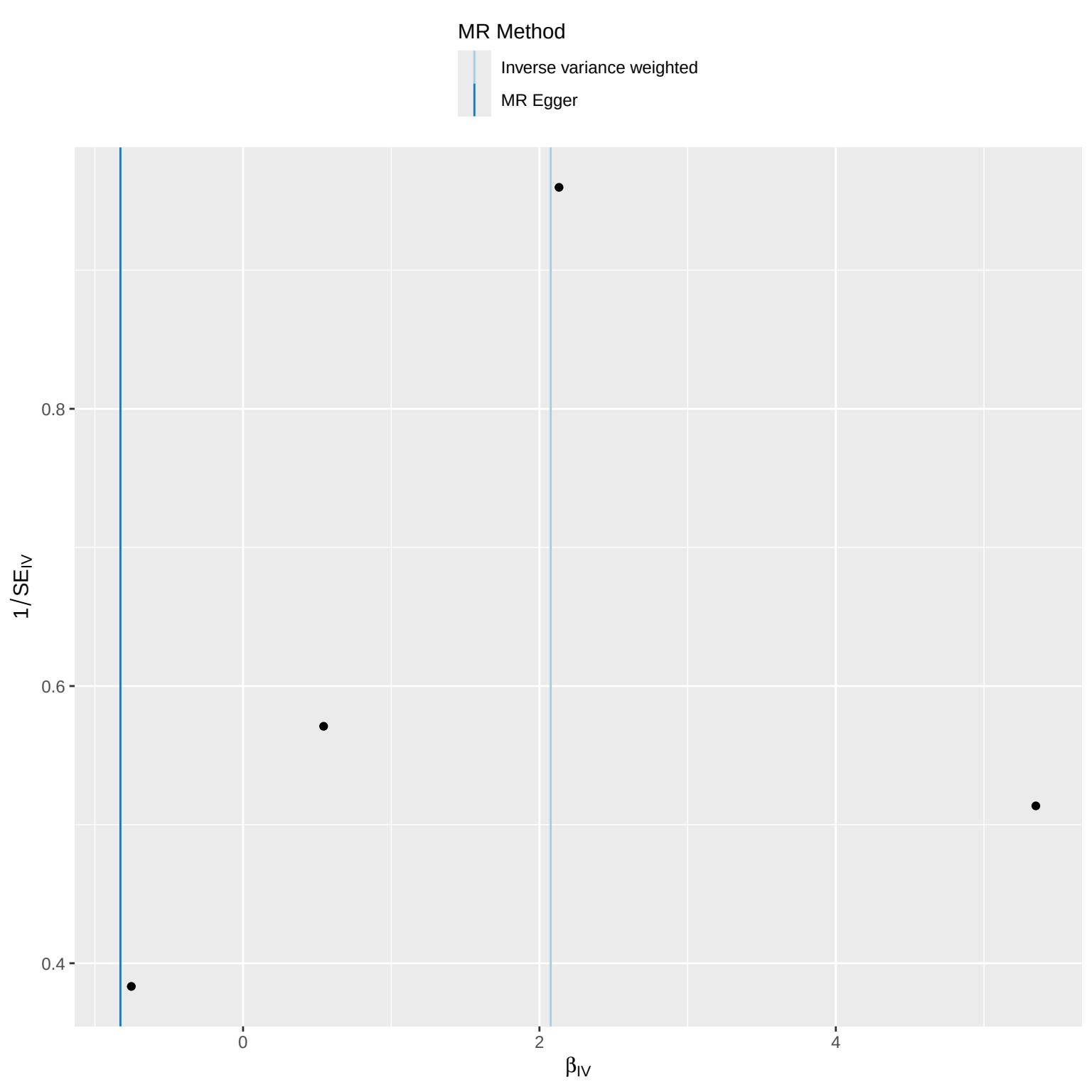

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

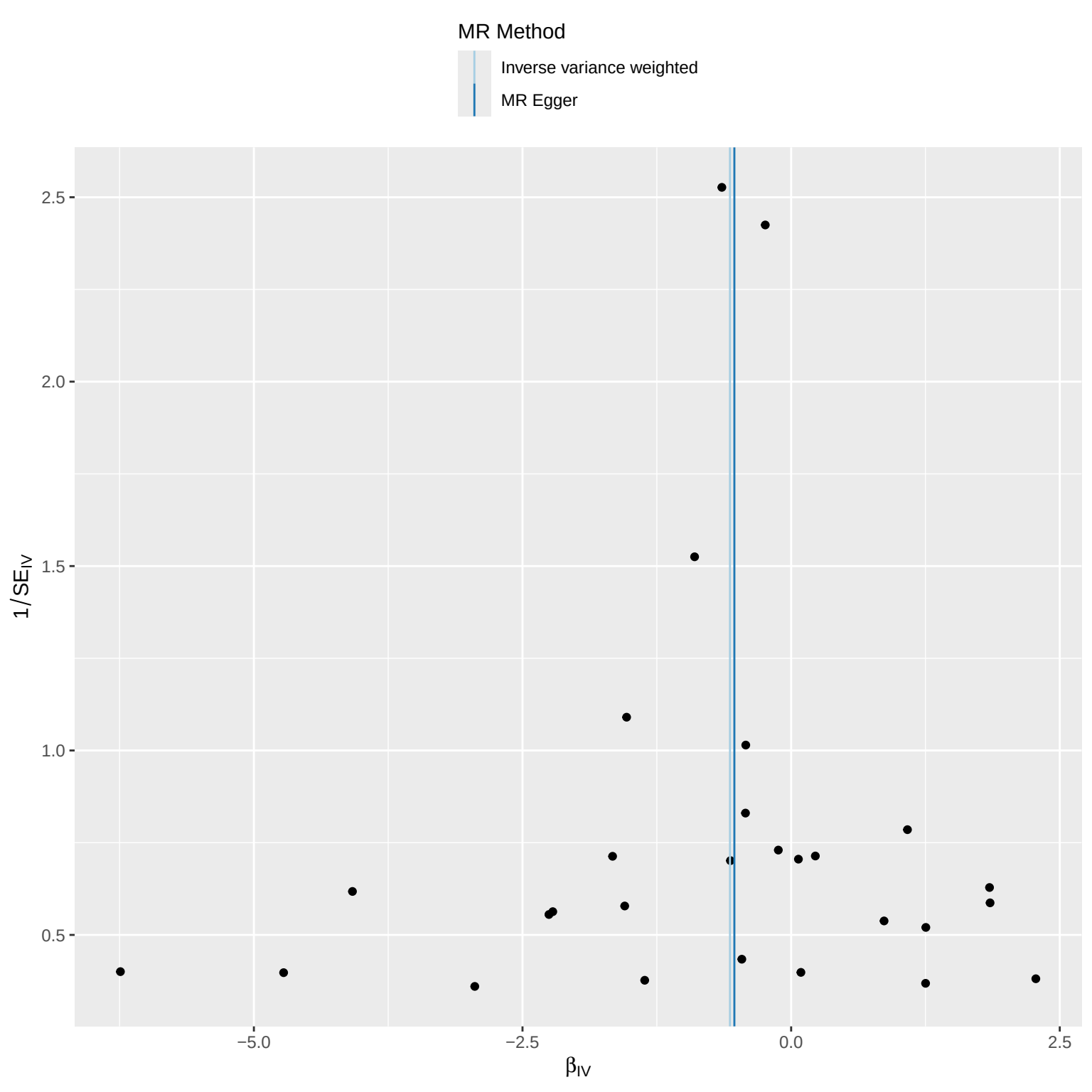

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
−2.5
0.0
2.5
β_IV

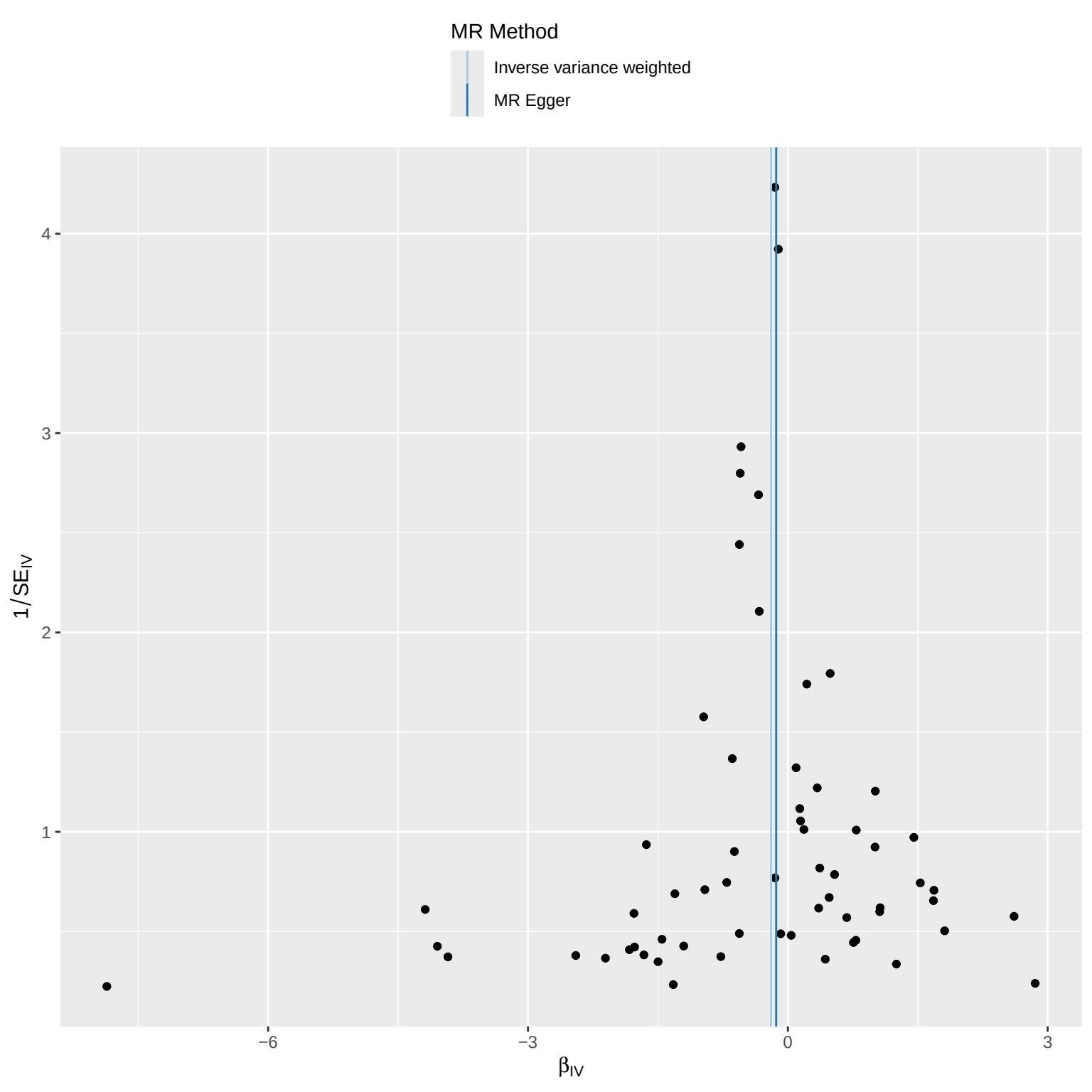

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

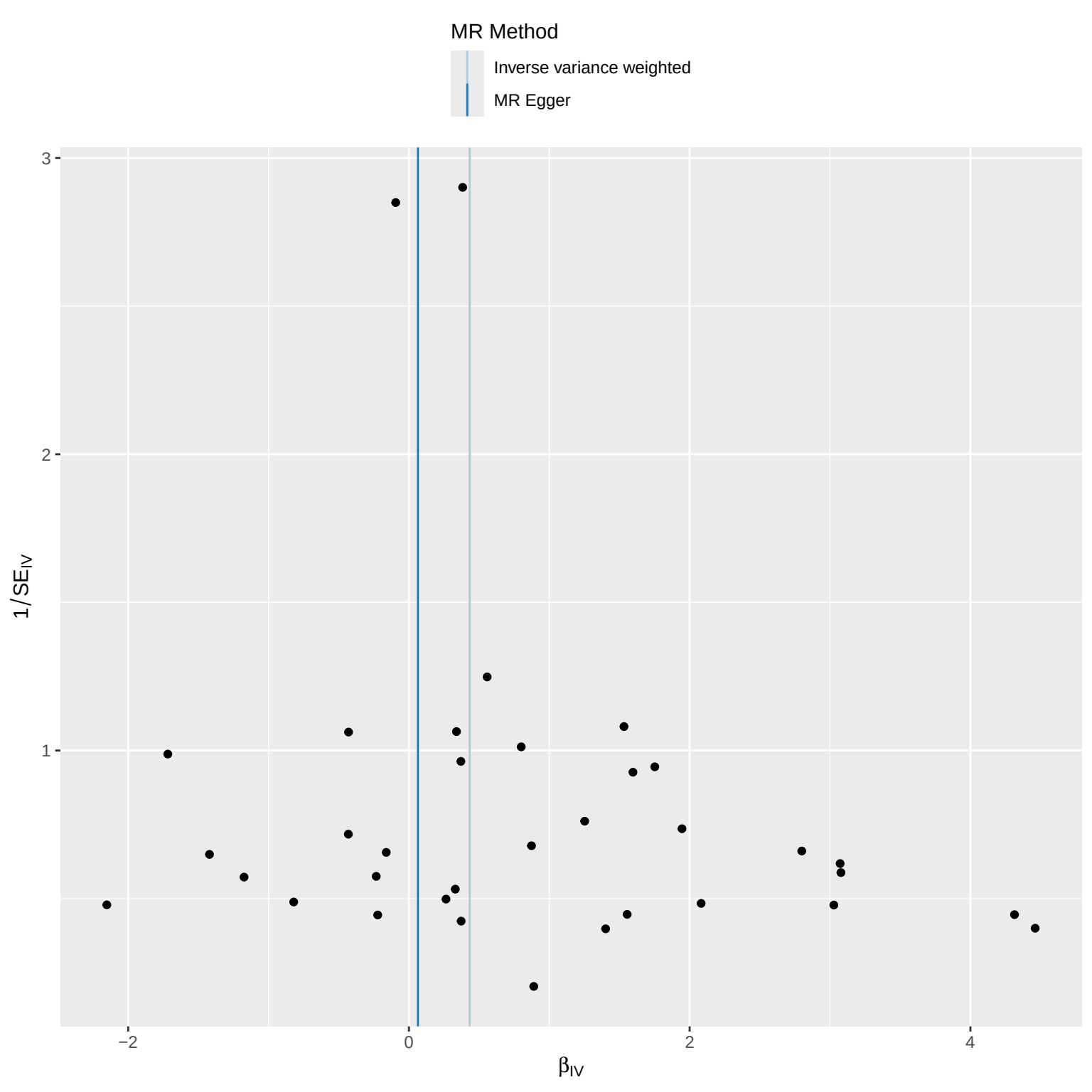

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

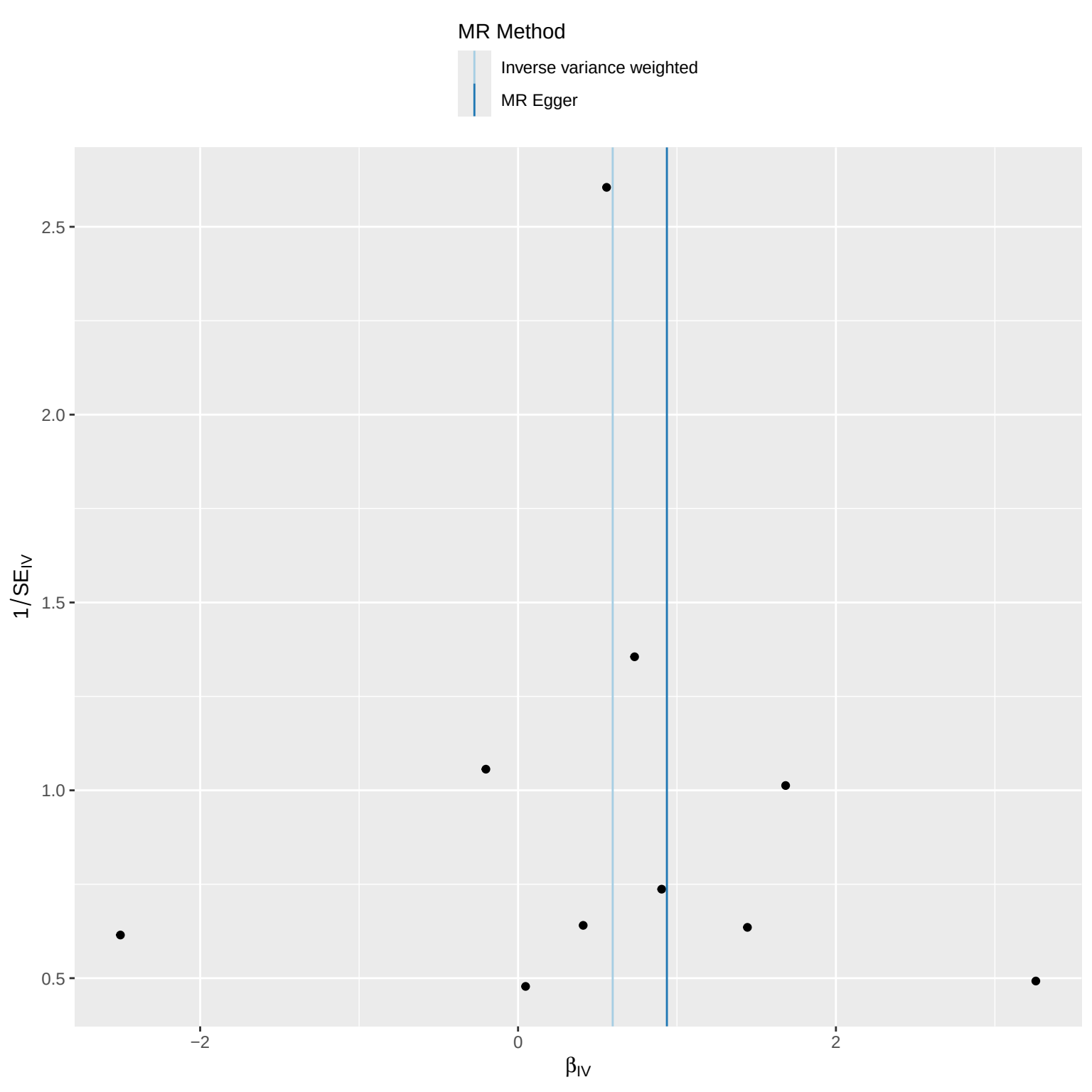

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

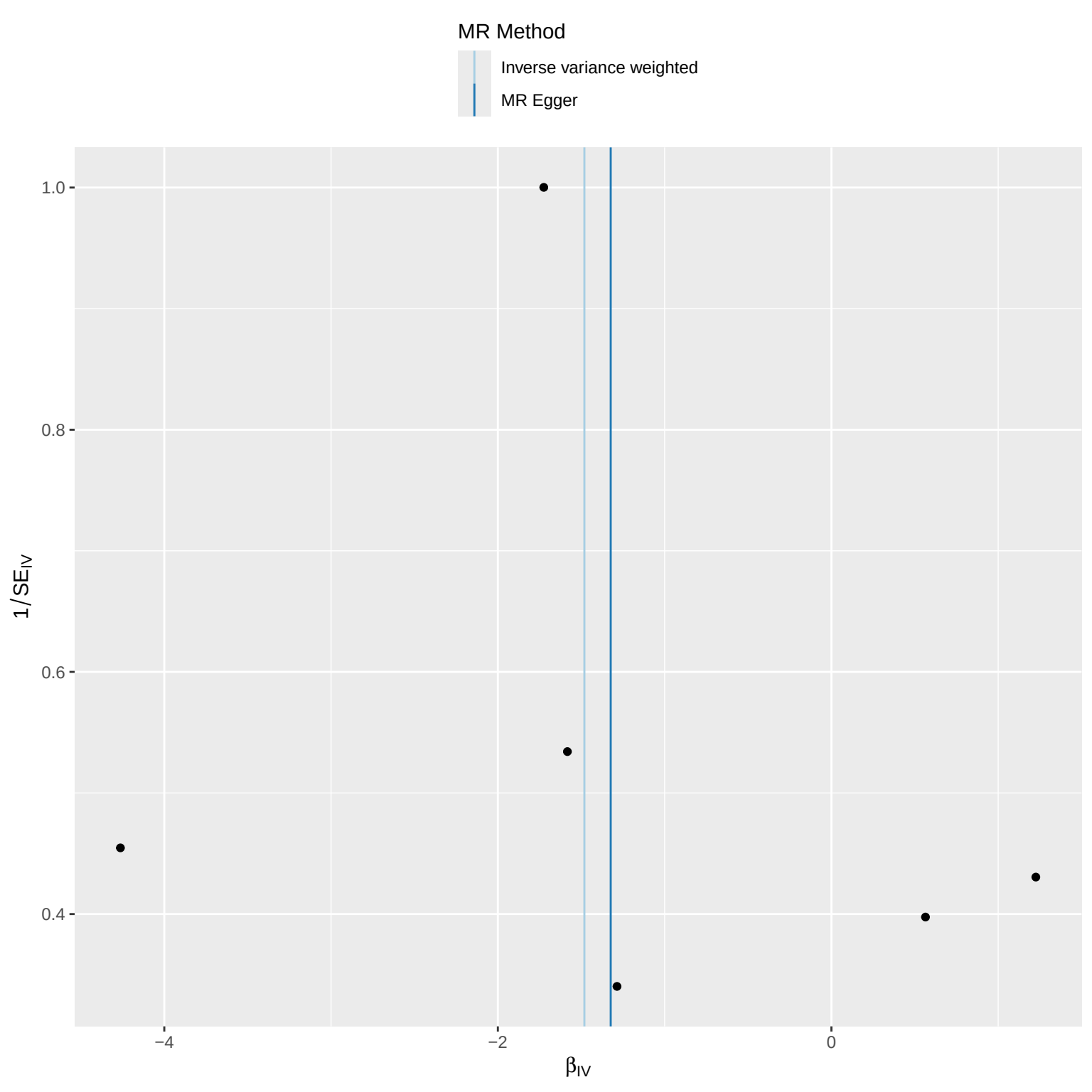

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
0
2
4
β_IV

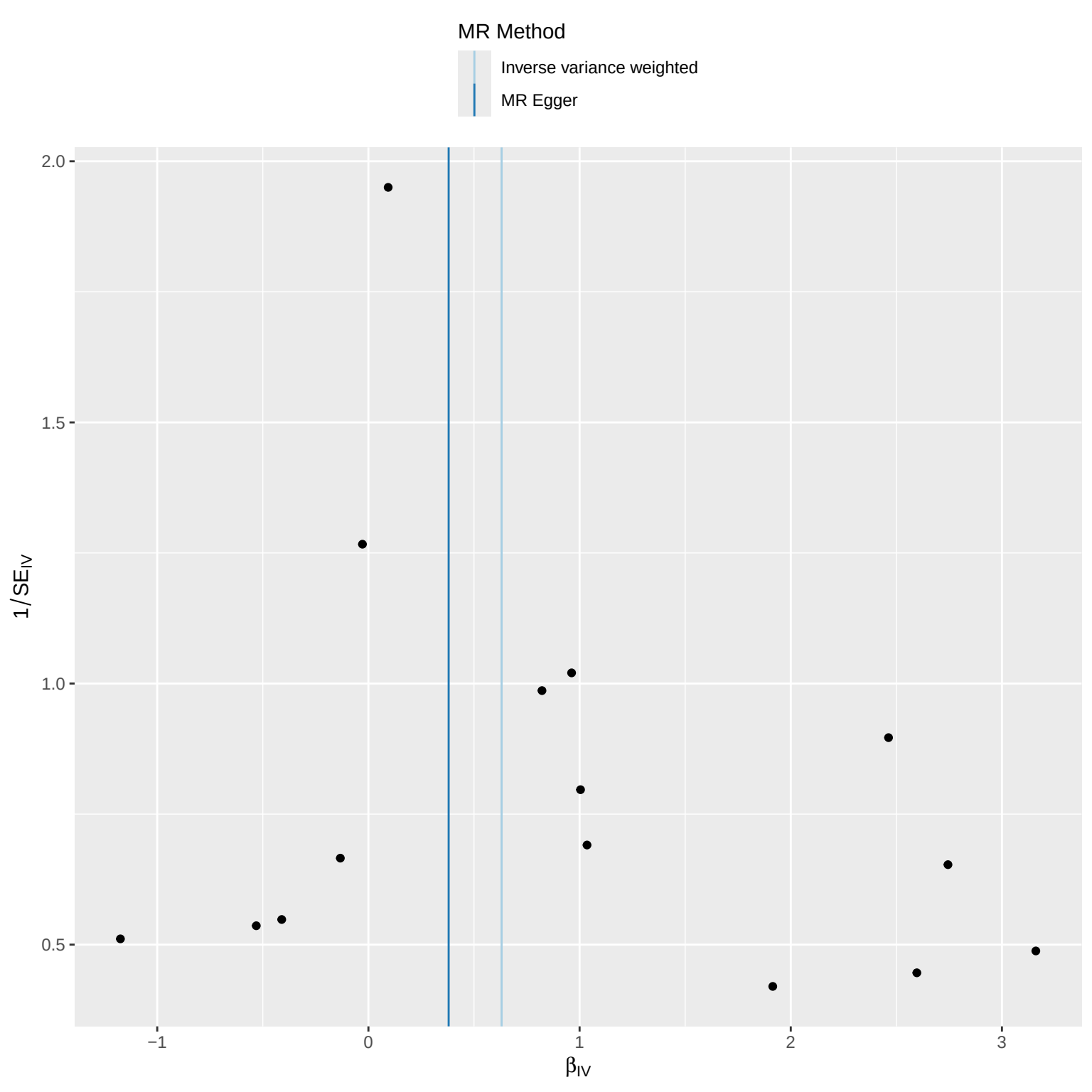

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

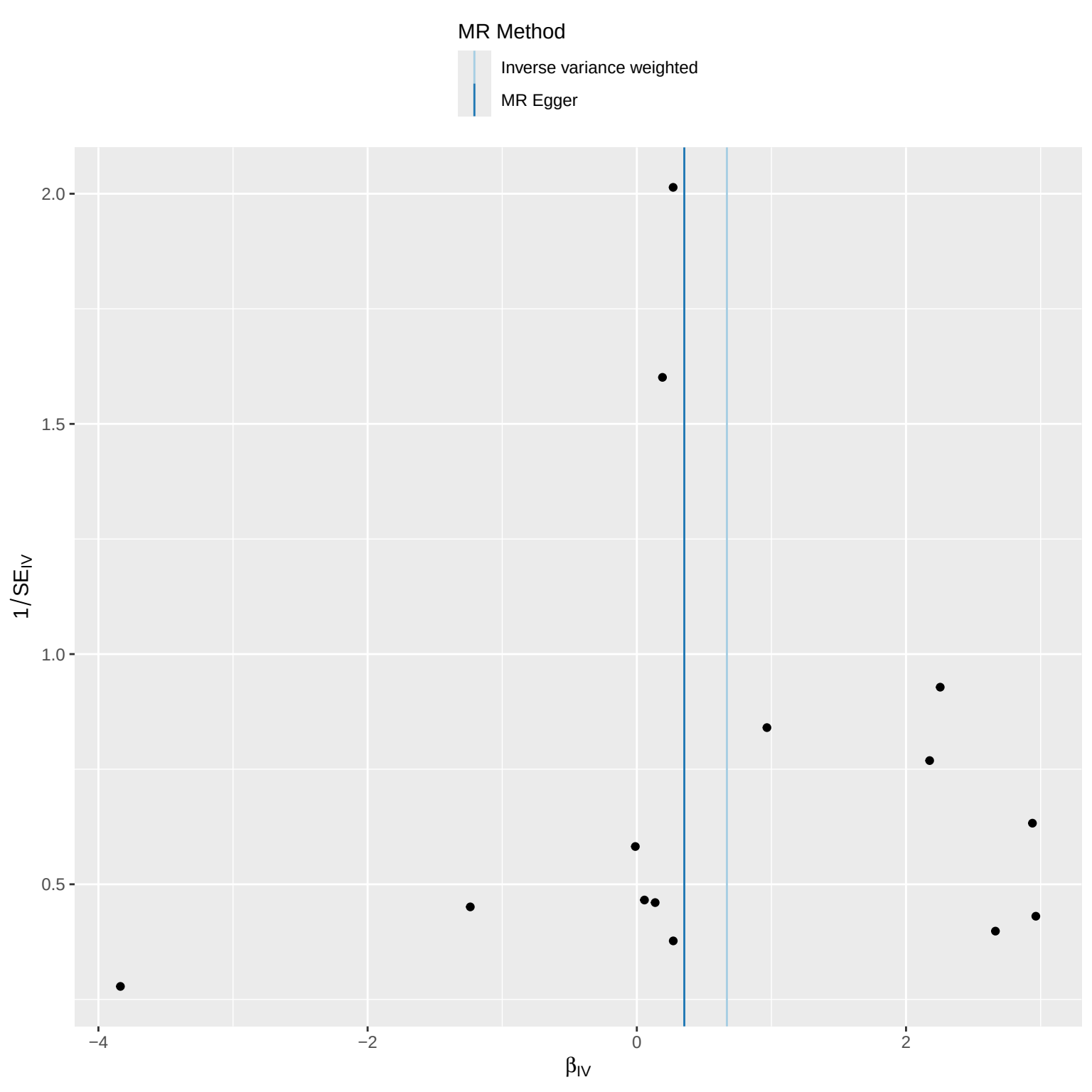

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−6
−3
0
3
β_IV

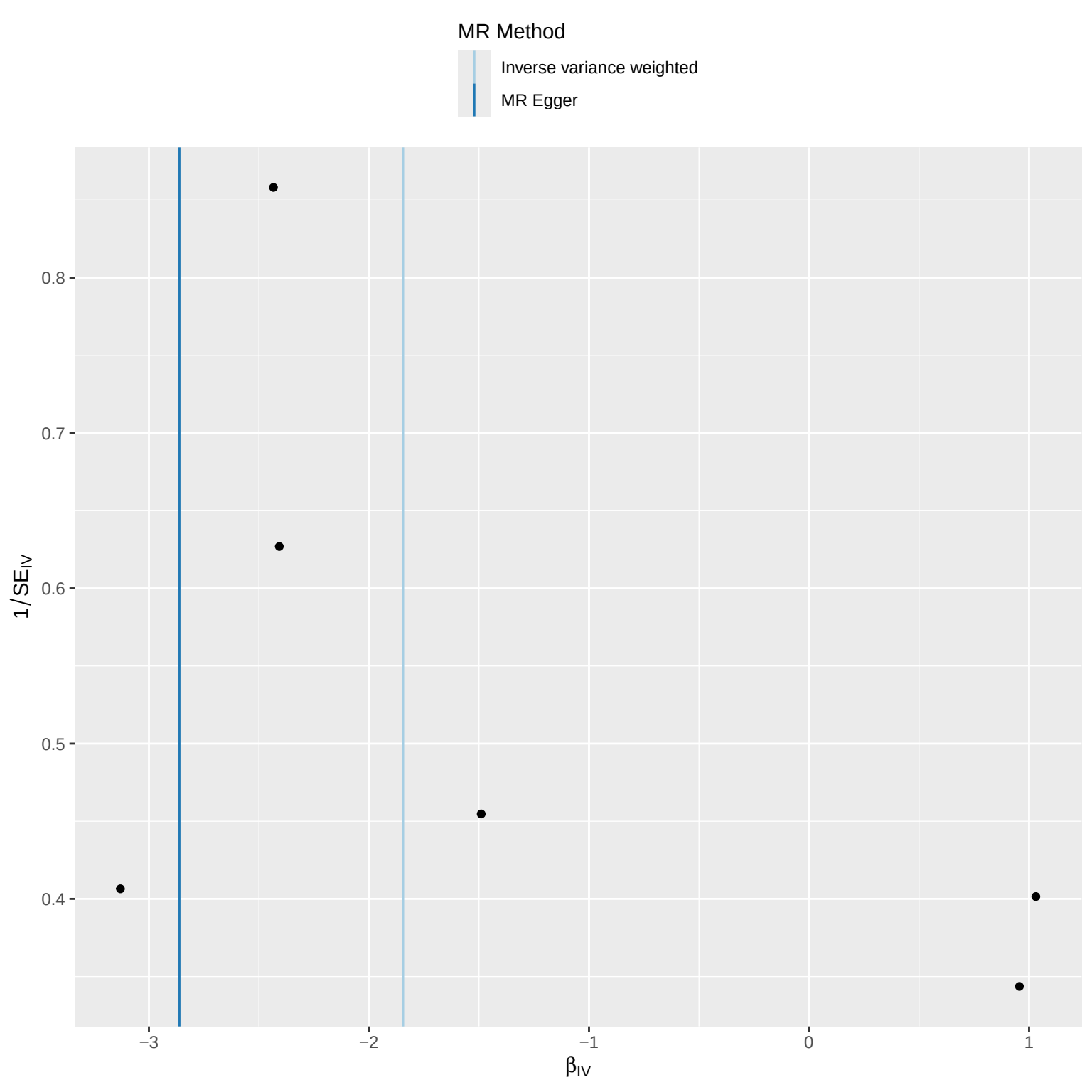

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

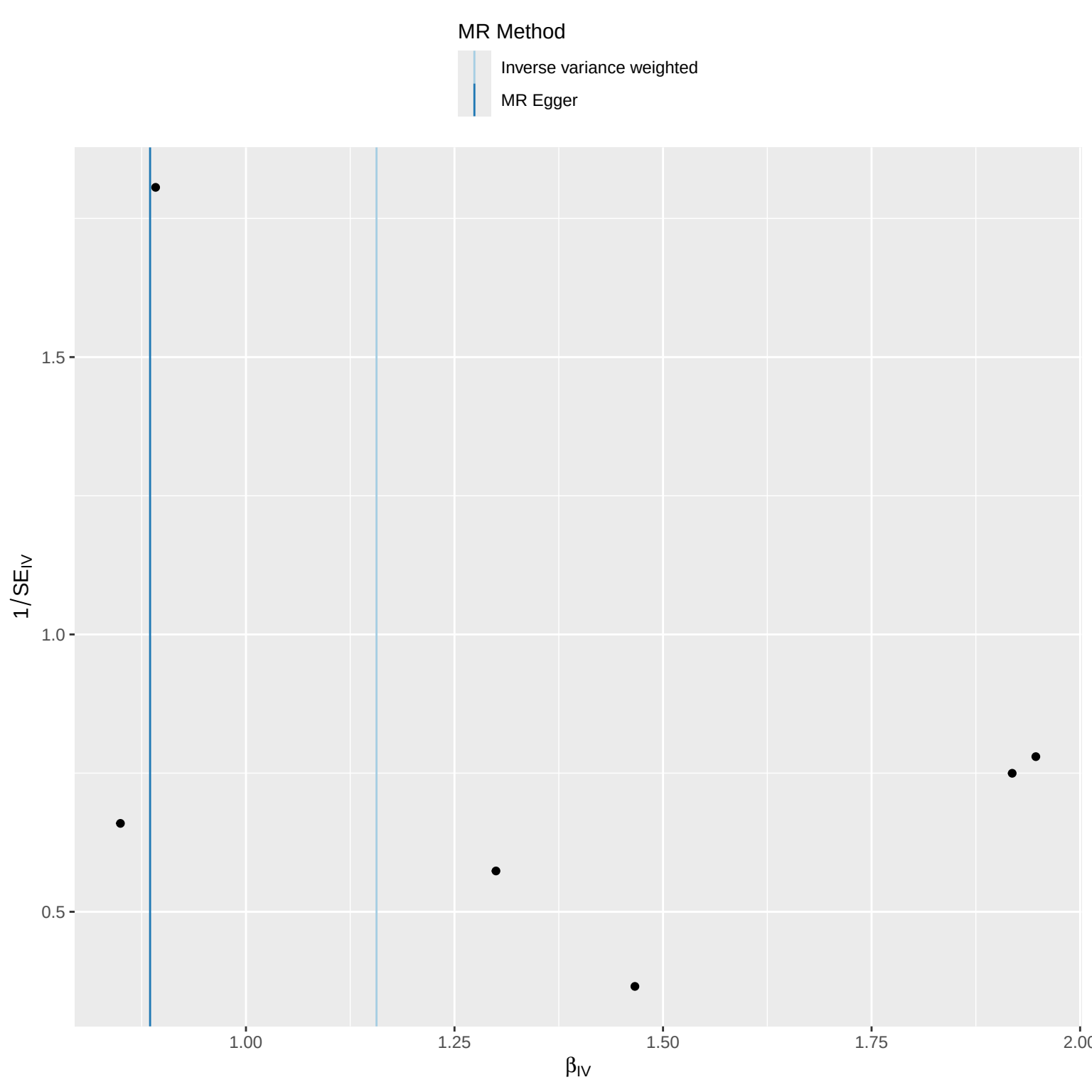

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

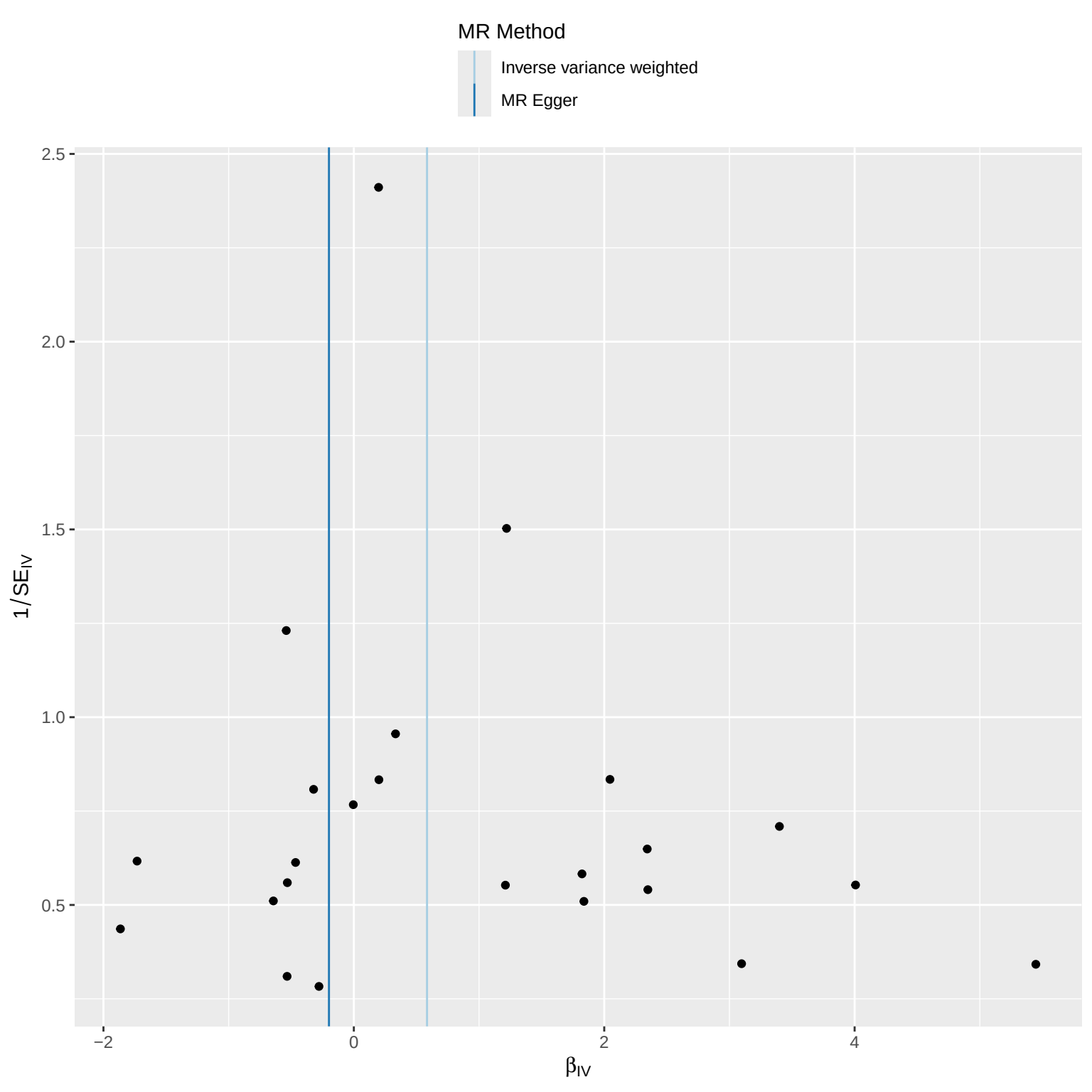

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−2
0
β_IV

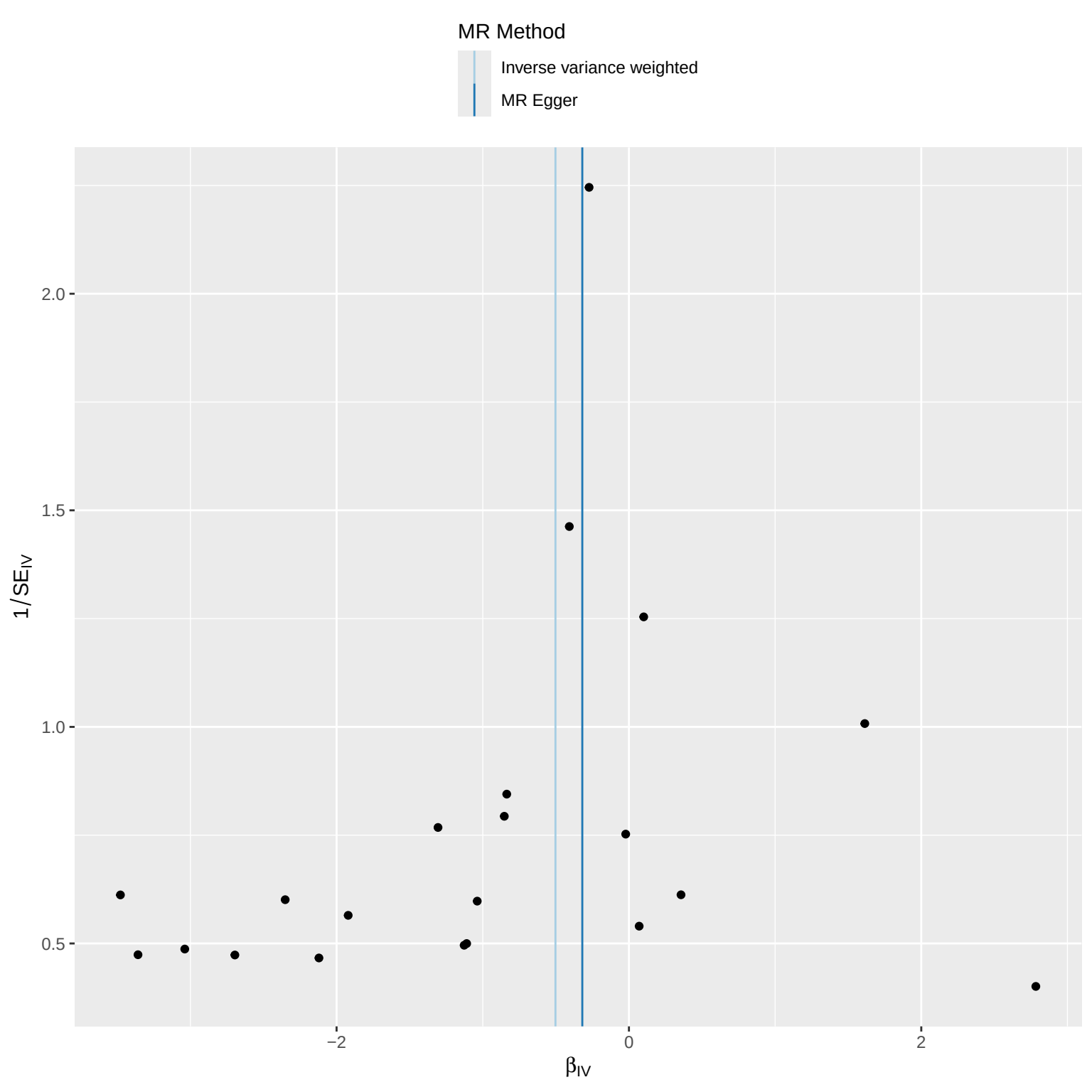

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

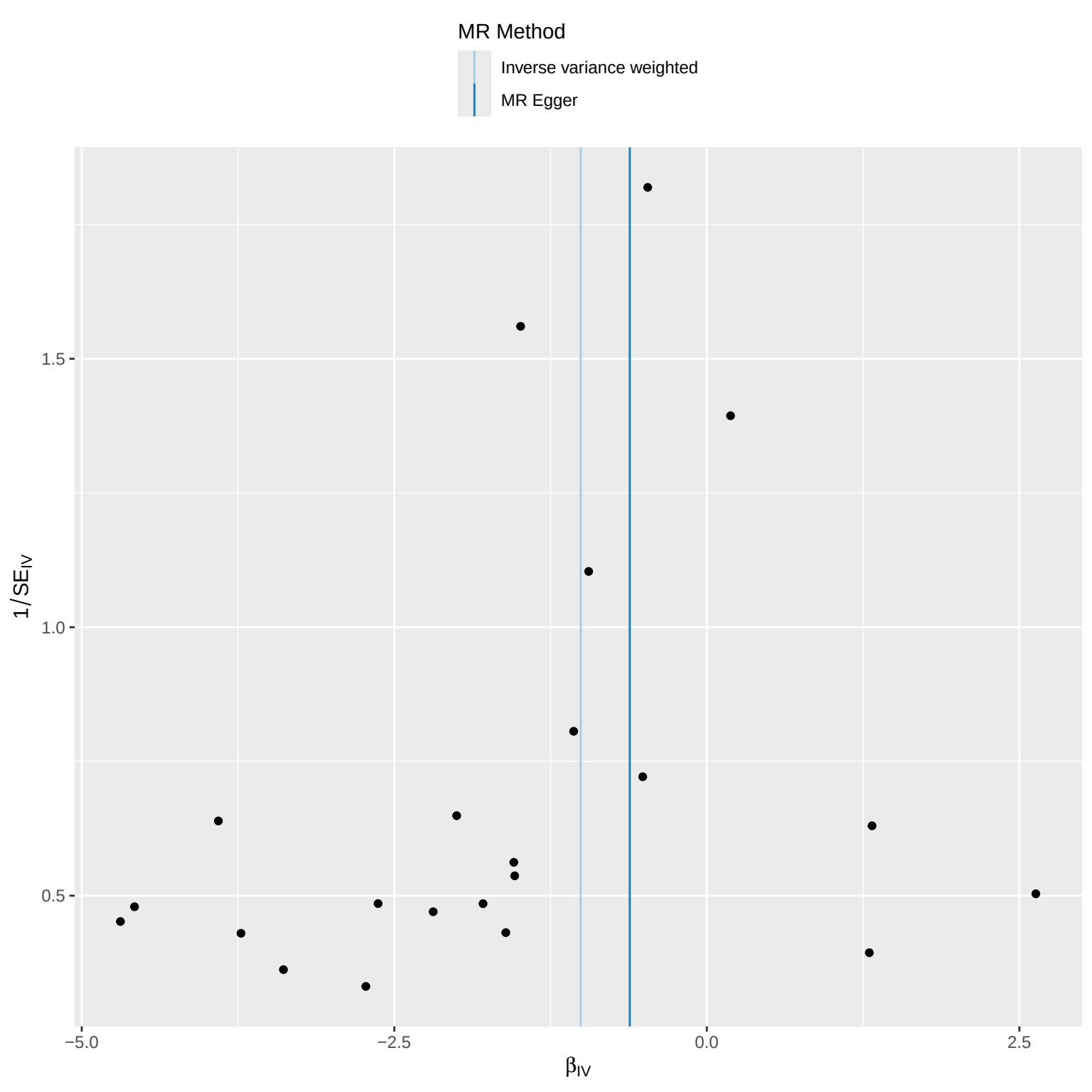

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

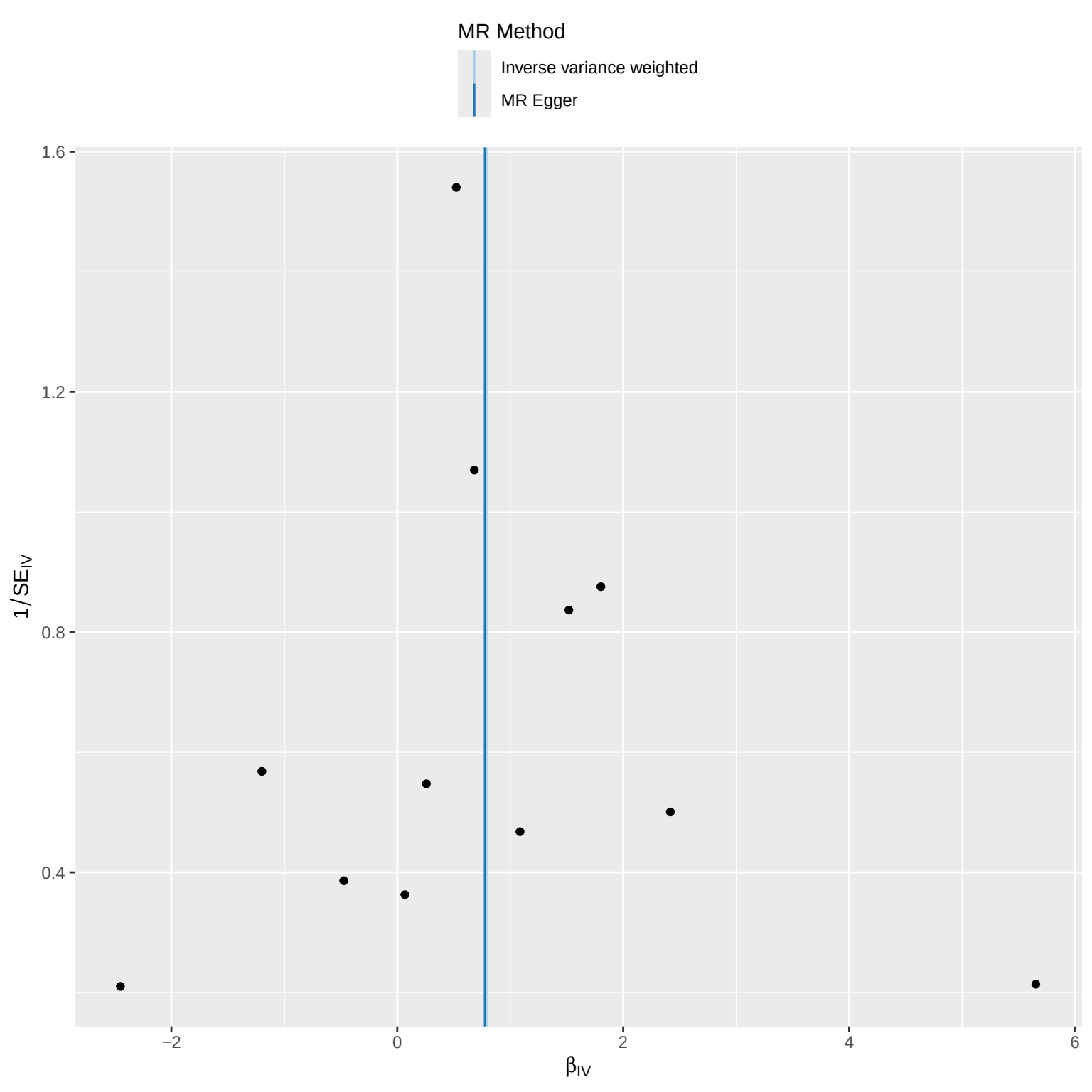

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

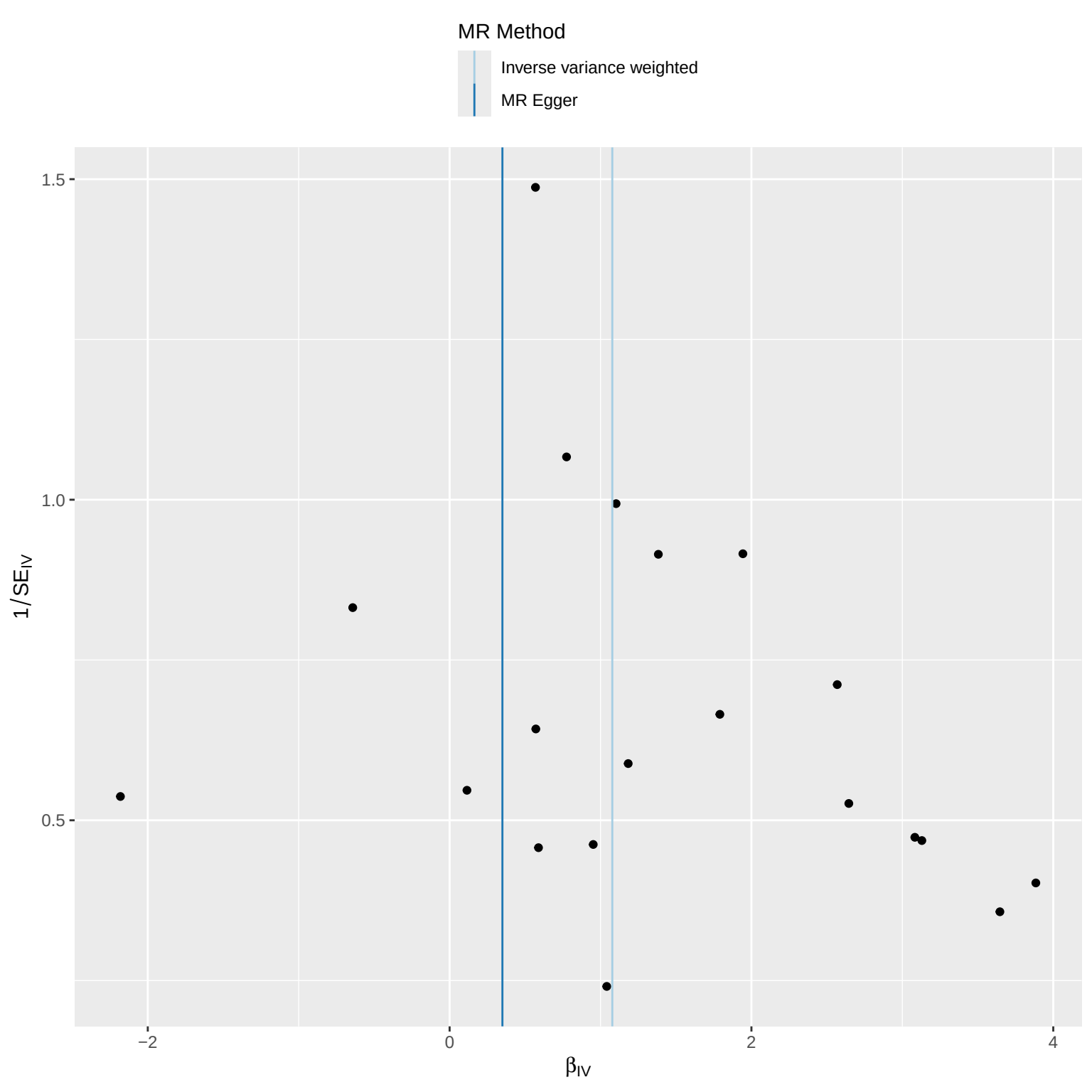

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
1.00
1.25
1.50
1.75
2.00
β_IV

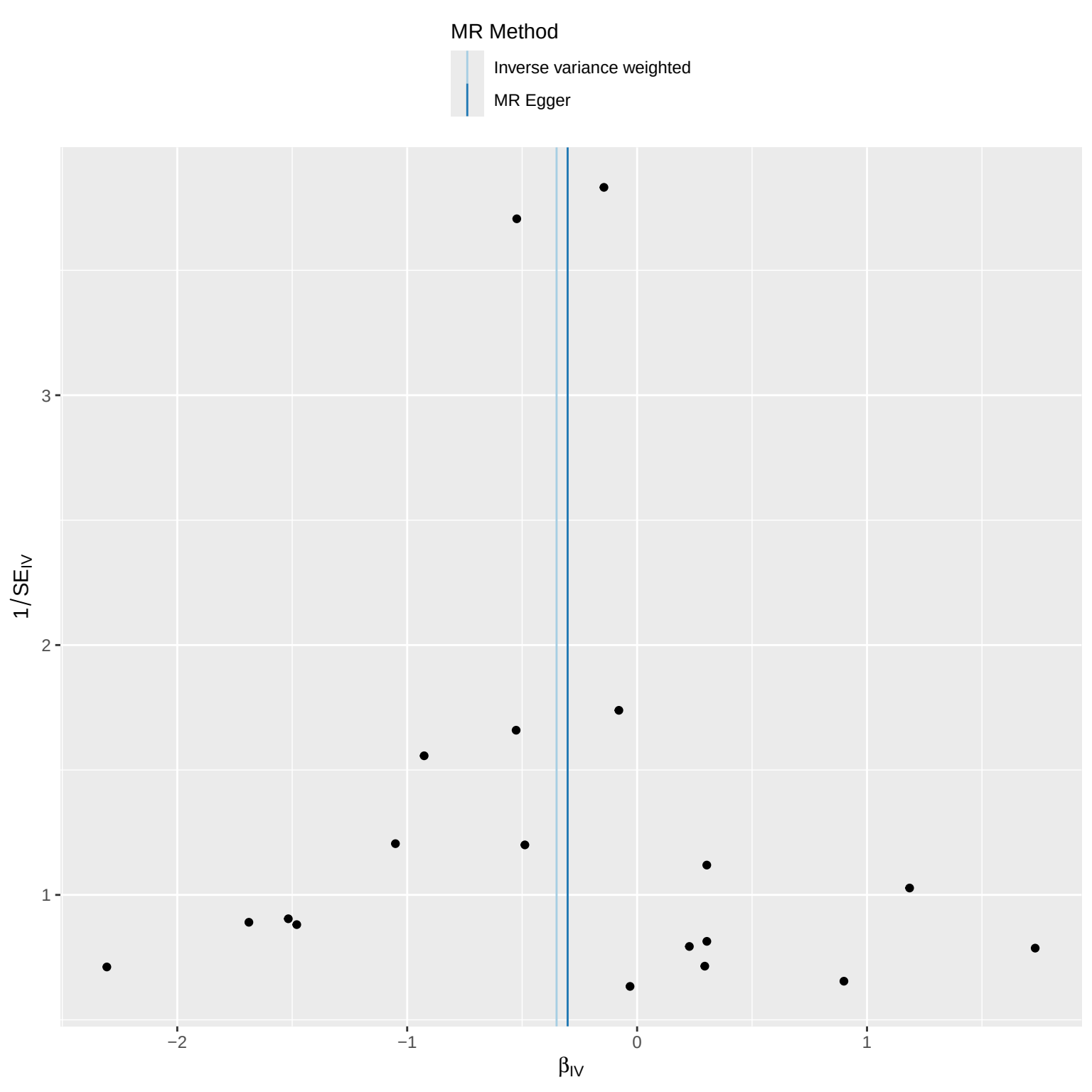

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

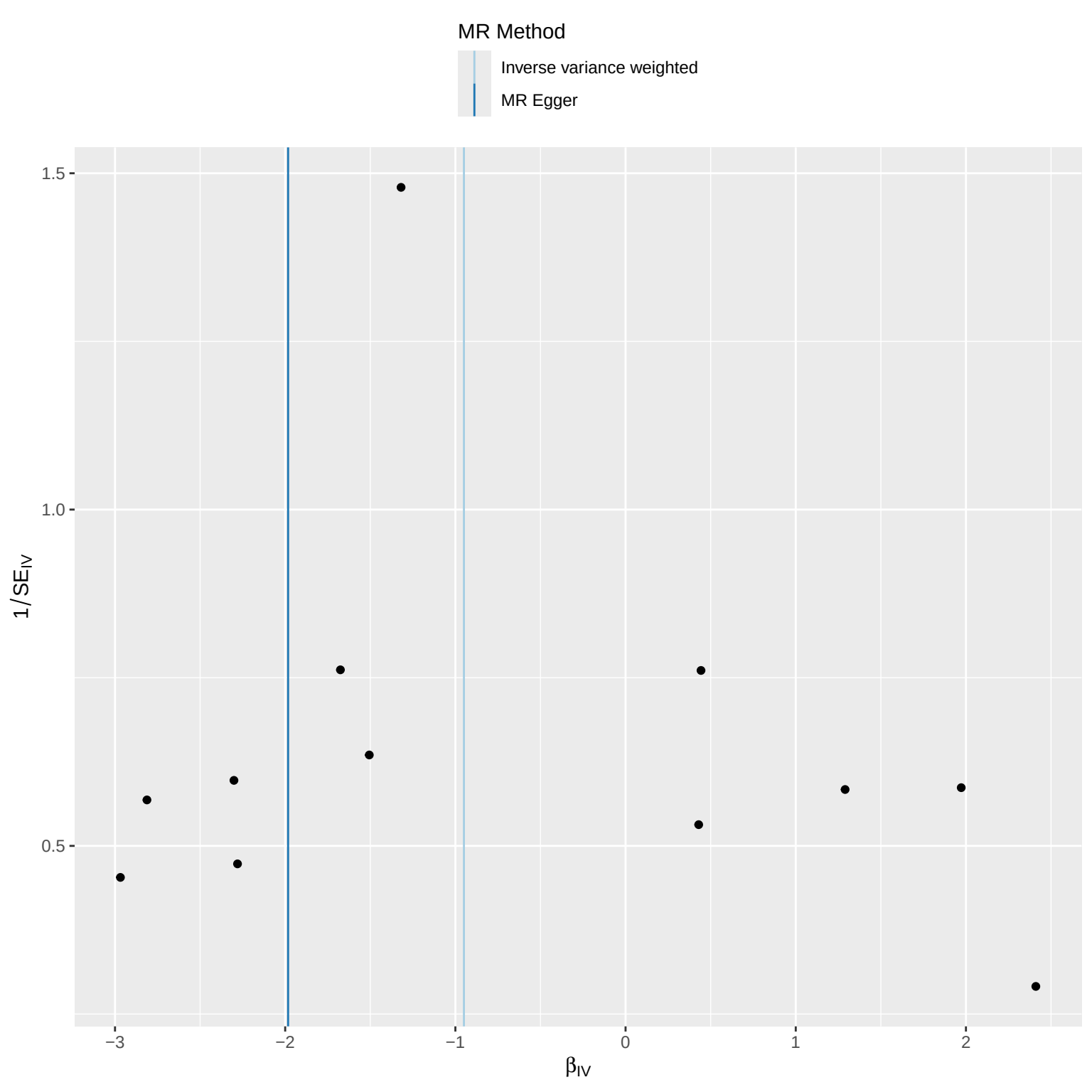

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

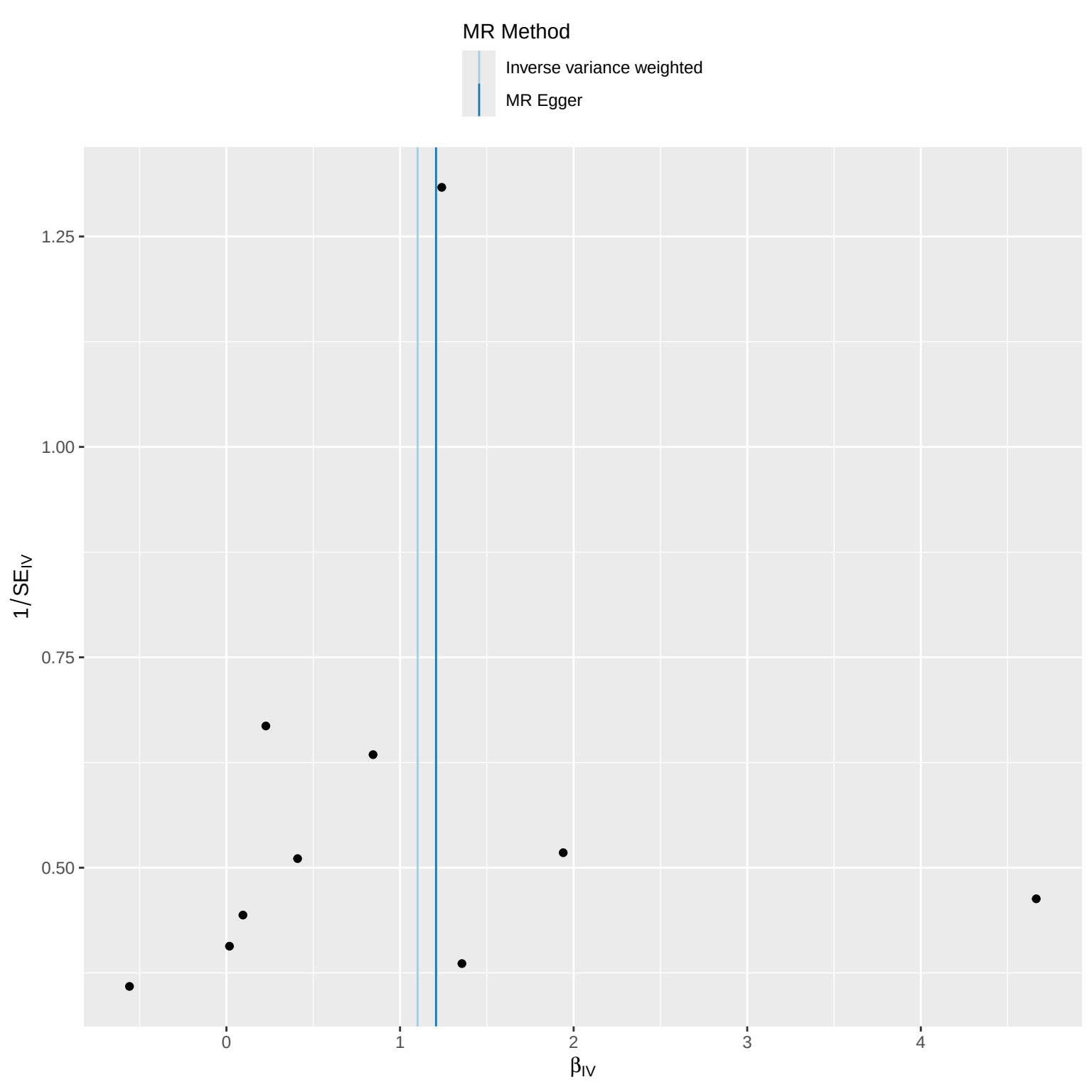

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

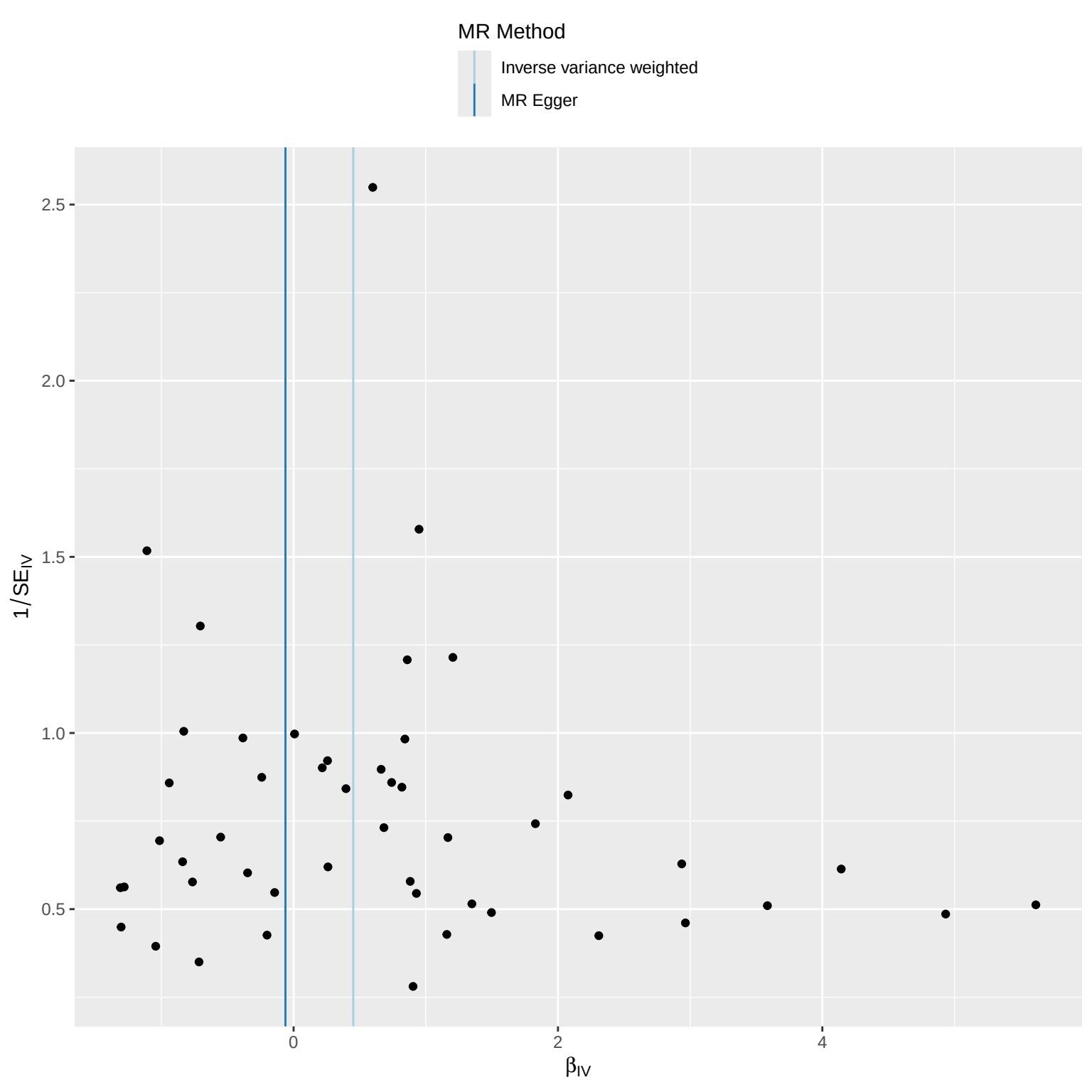

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
6
β_IV

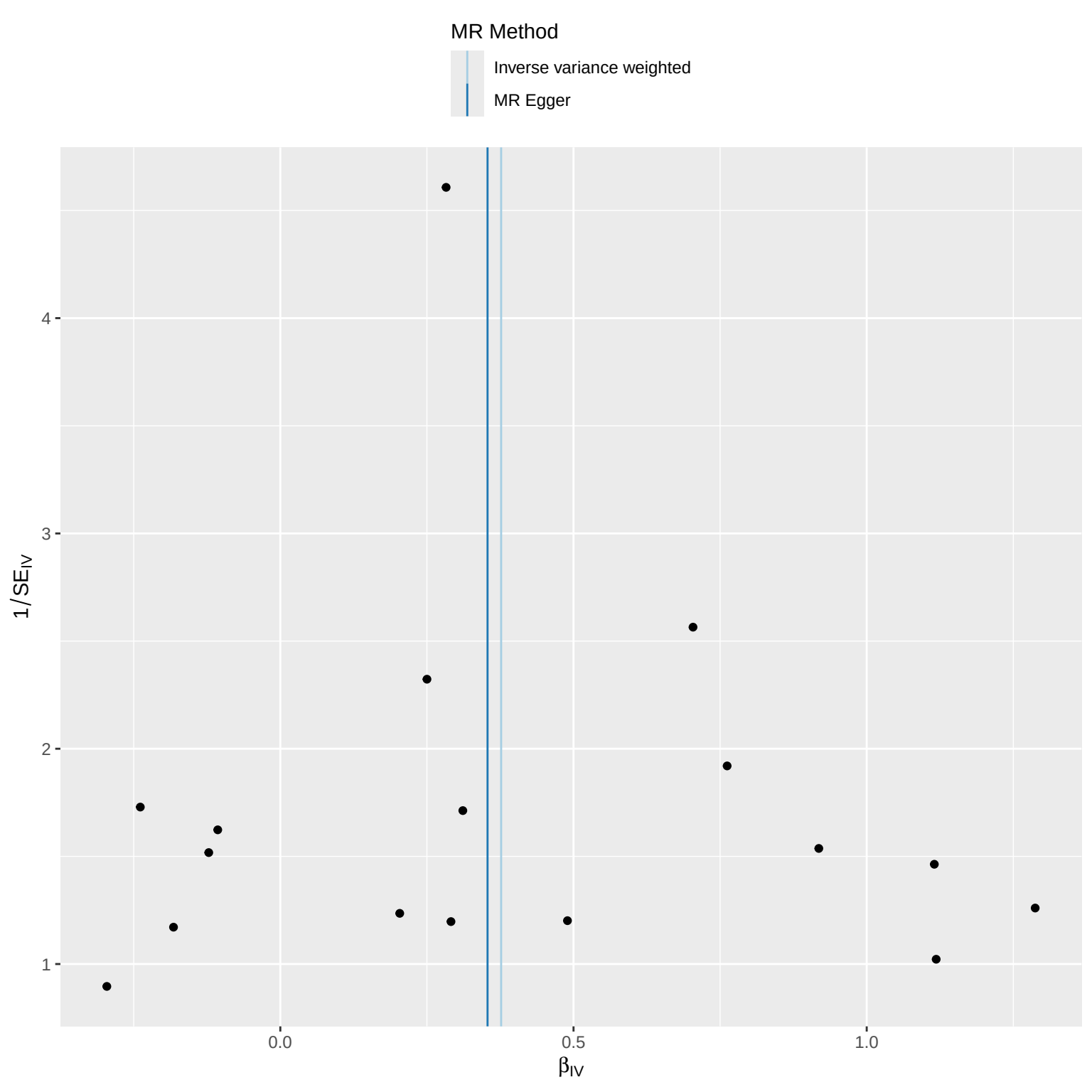

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

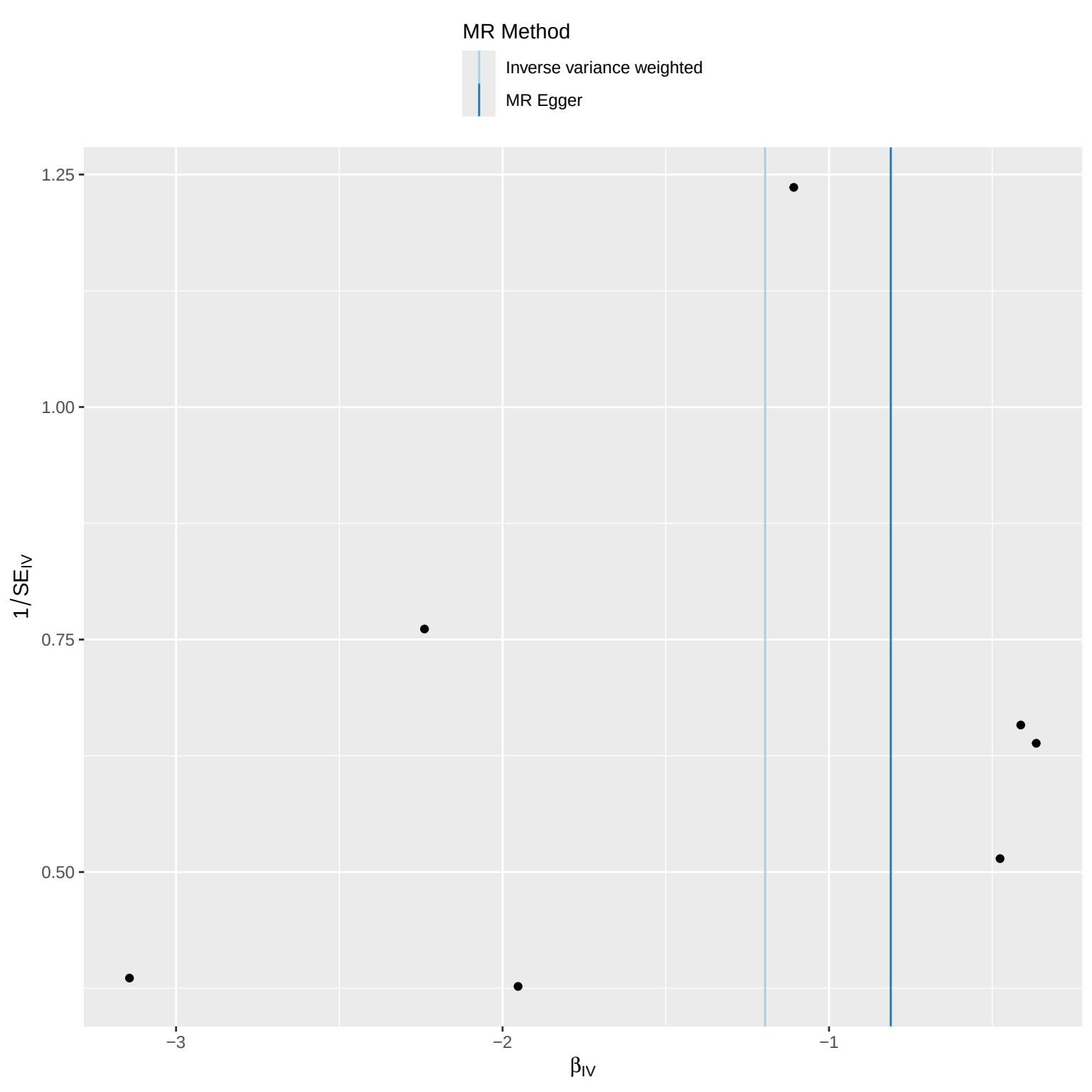

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

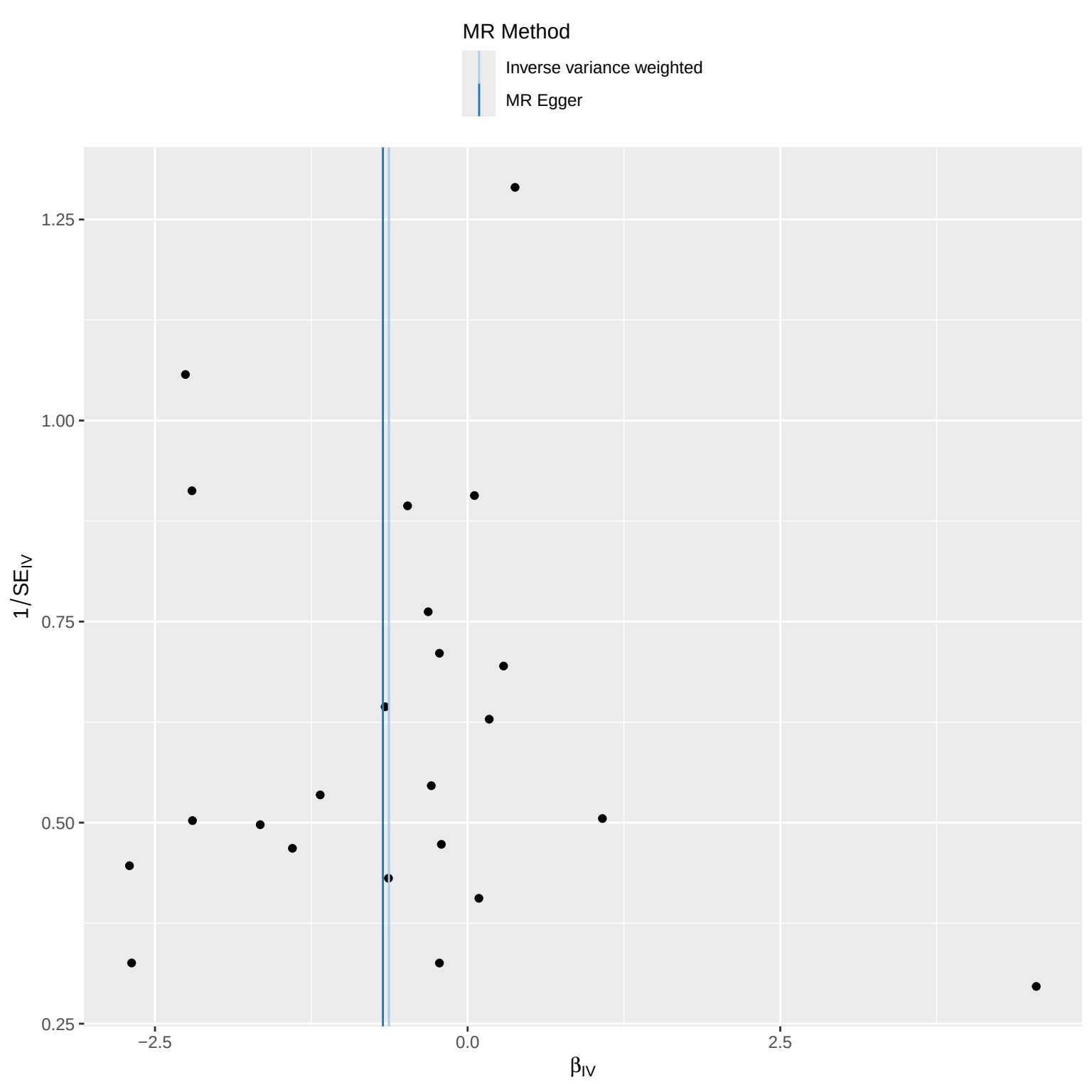

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

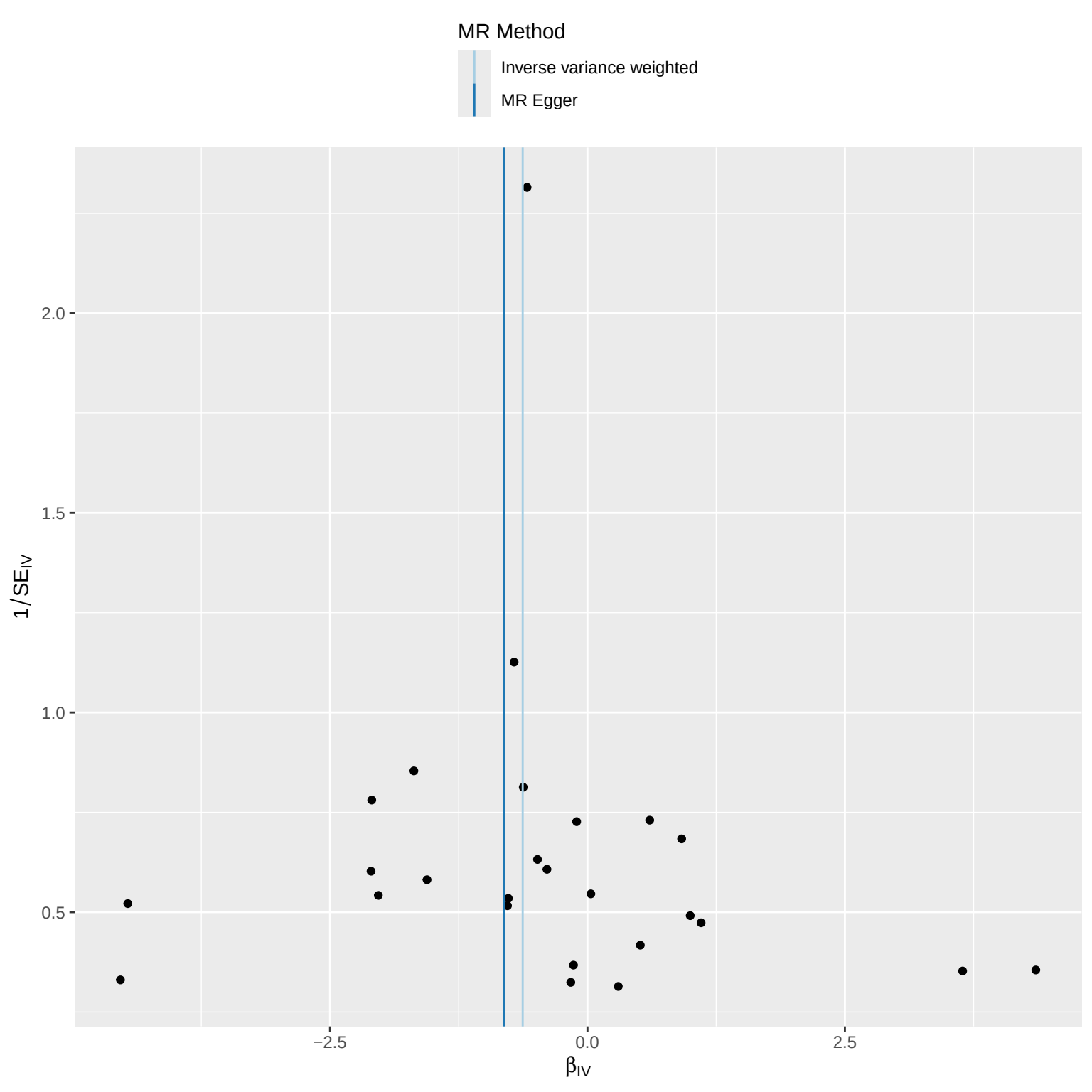

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
4
β_IV

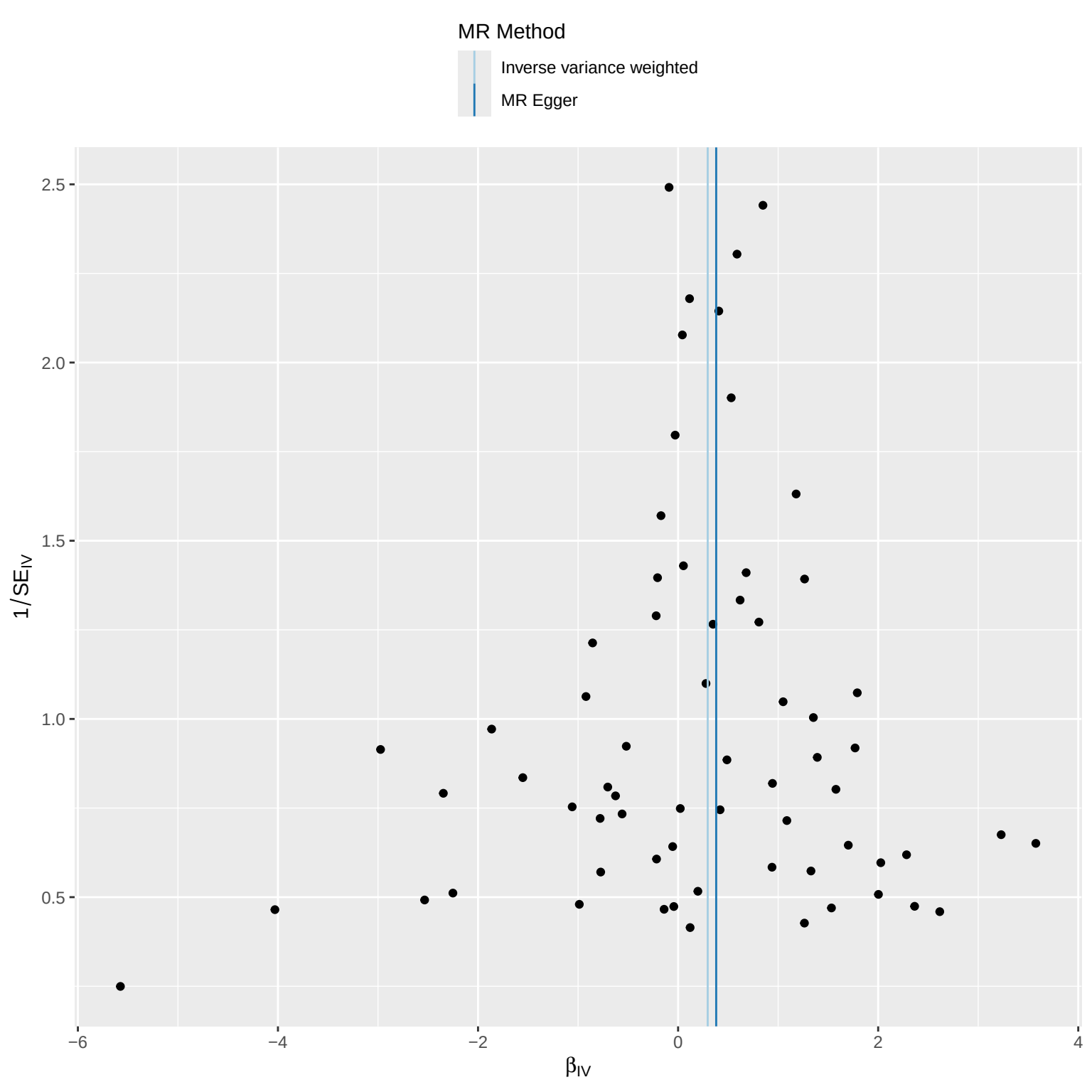

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

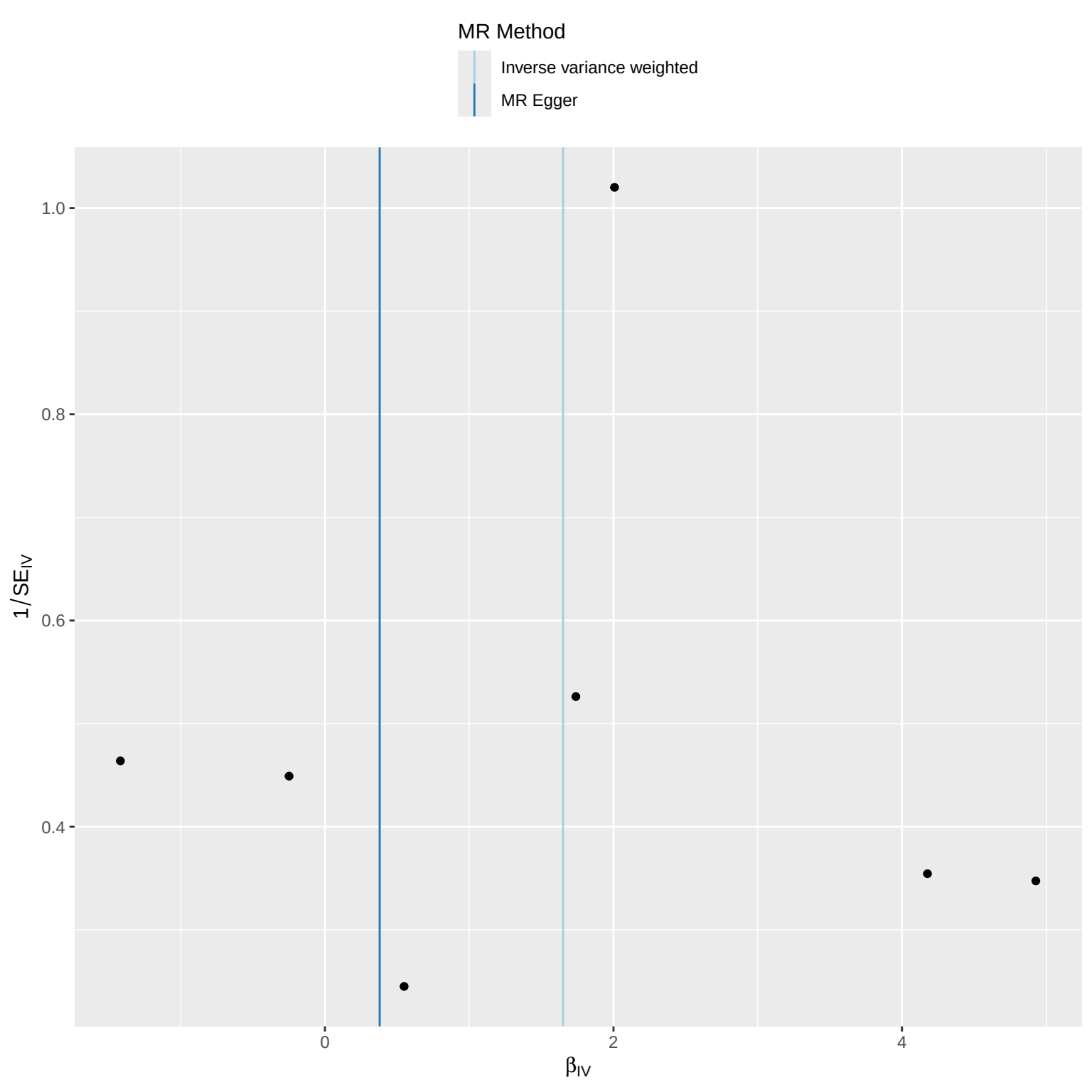

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

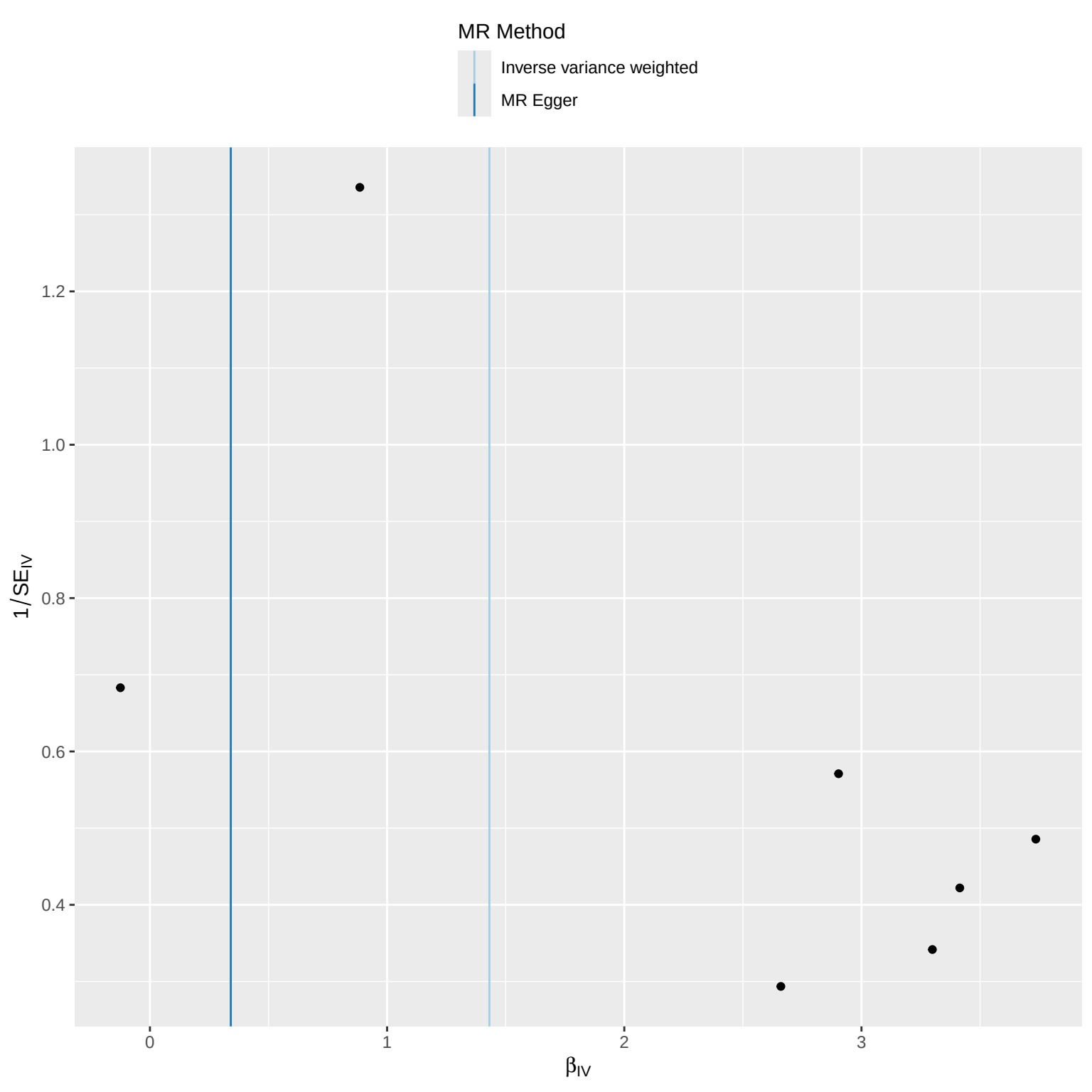

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
β_IV

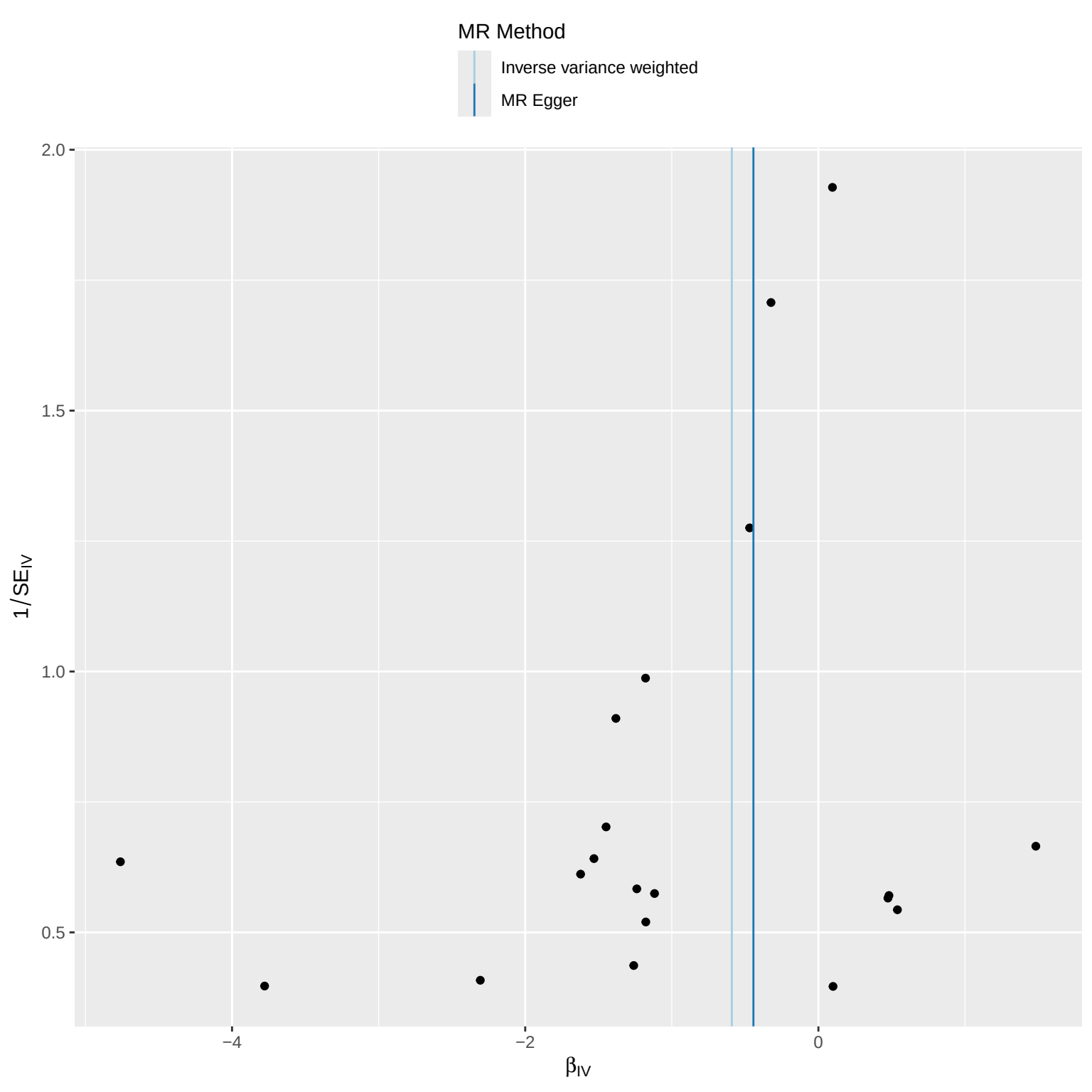

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2.5
0.0
2.5
β_IV

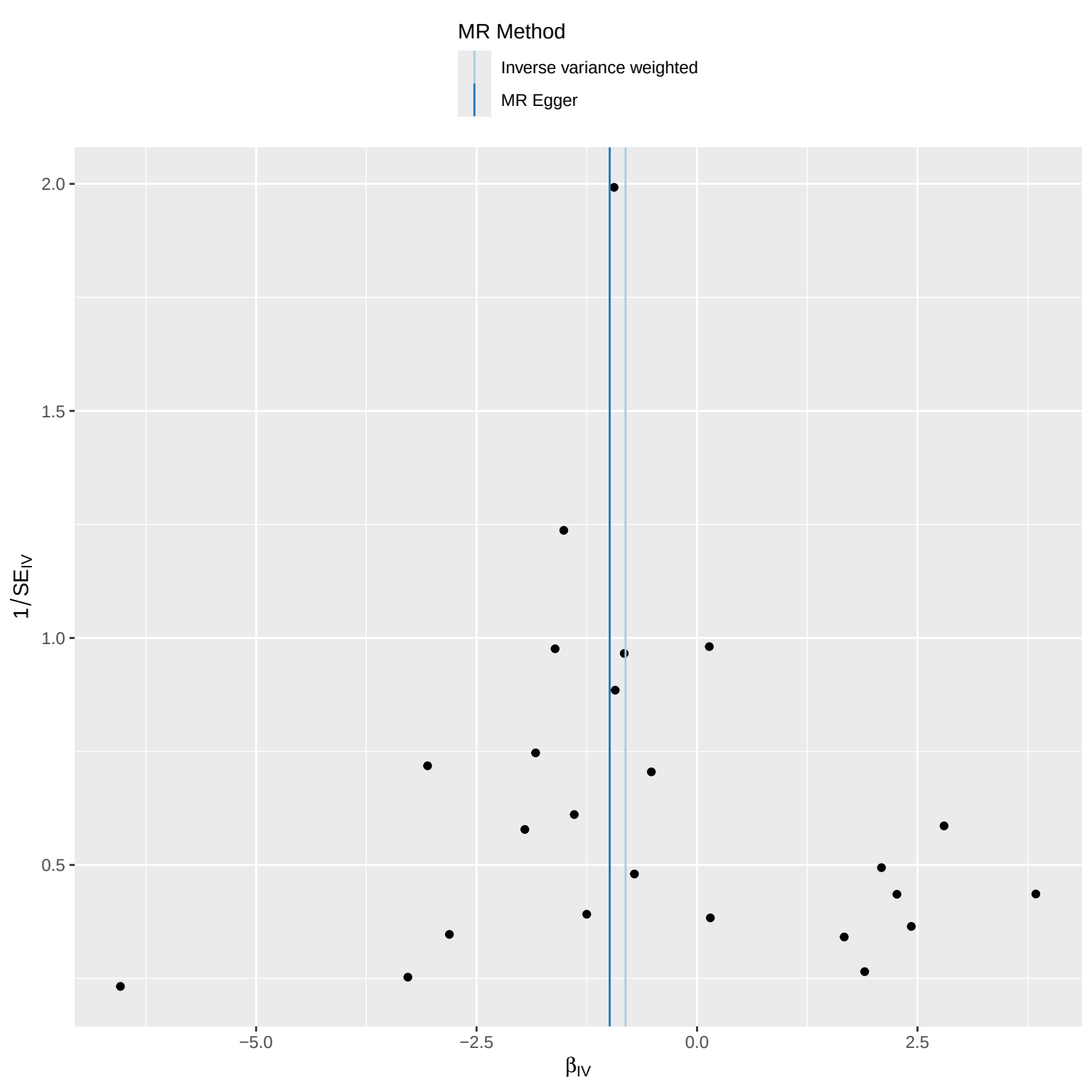

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

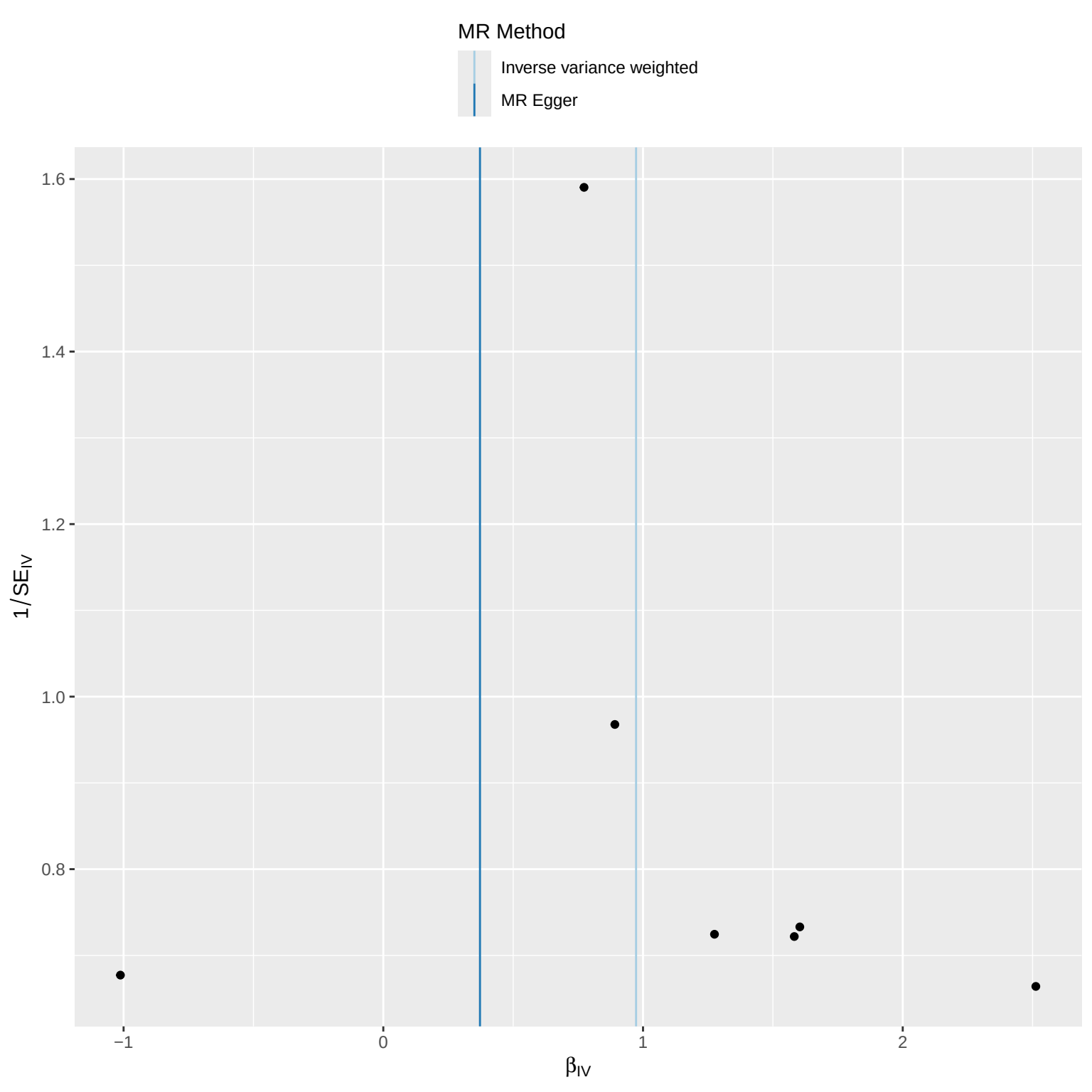

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
4
β_IV

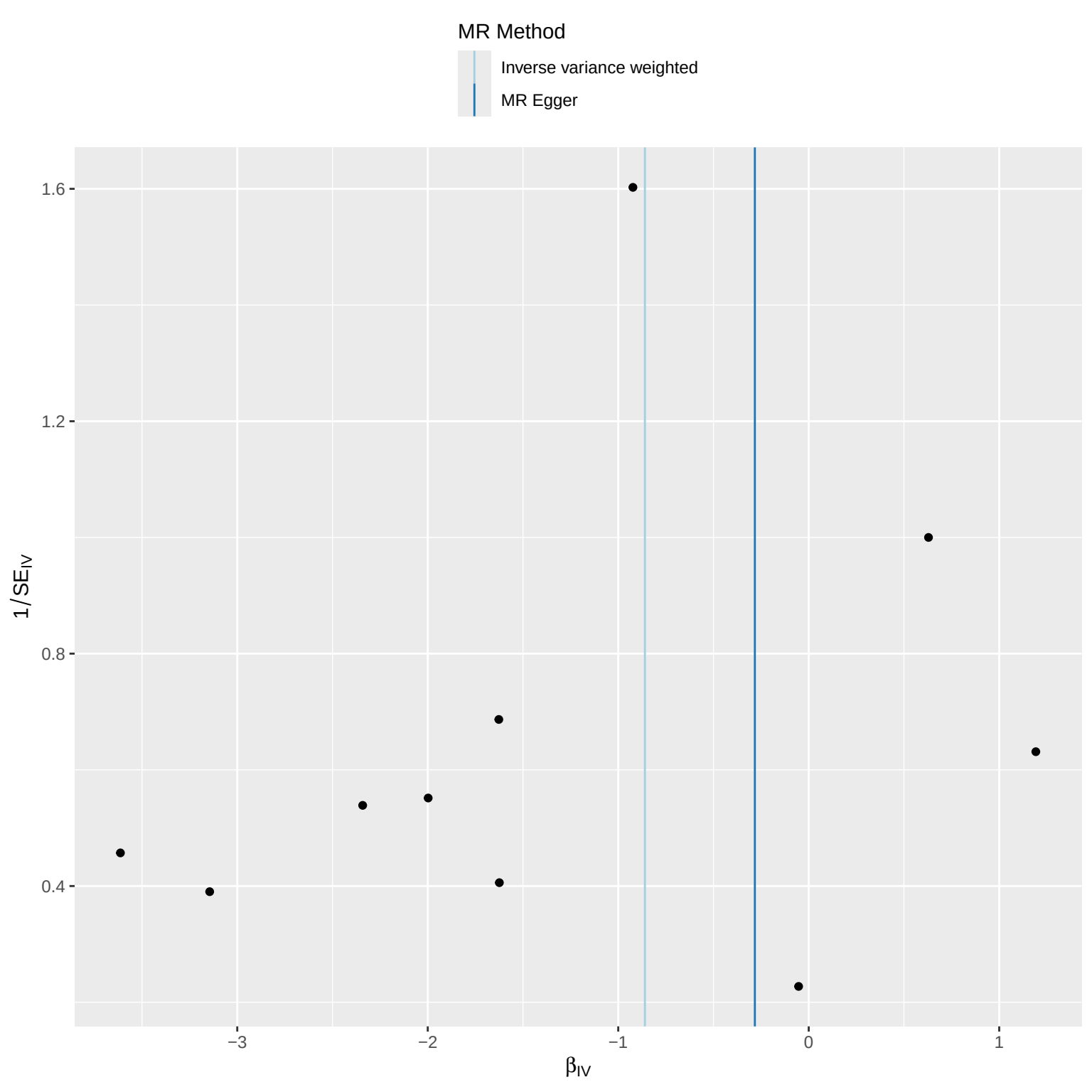

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
2
4
β_IV

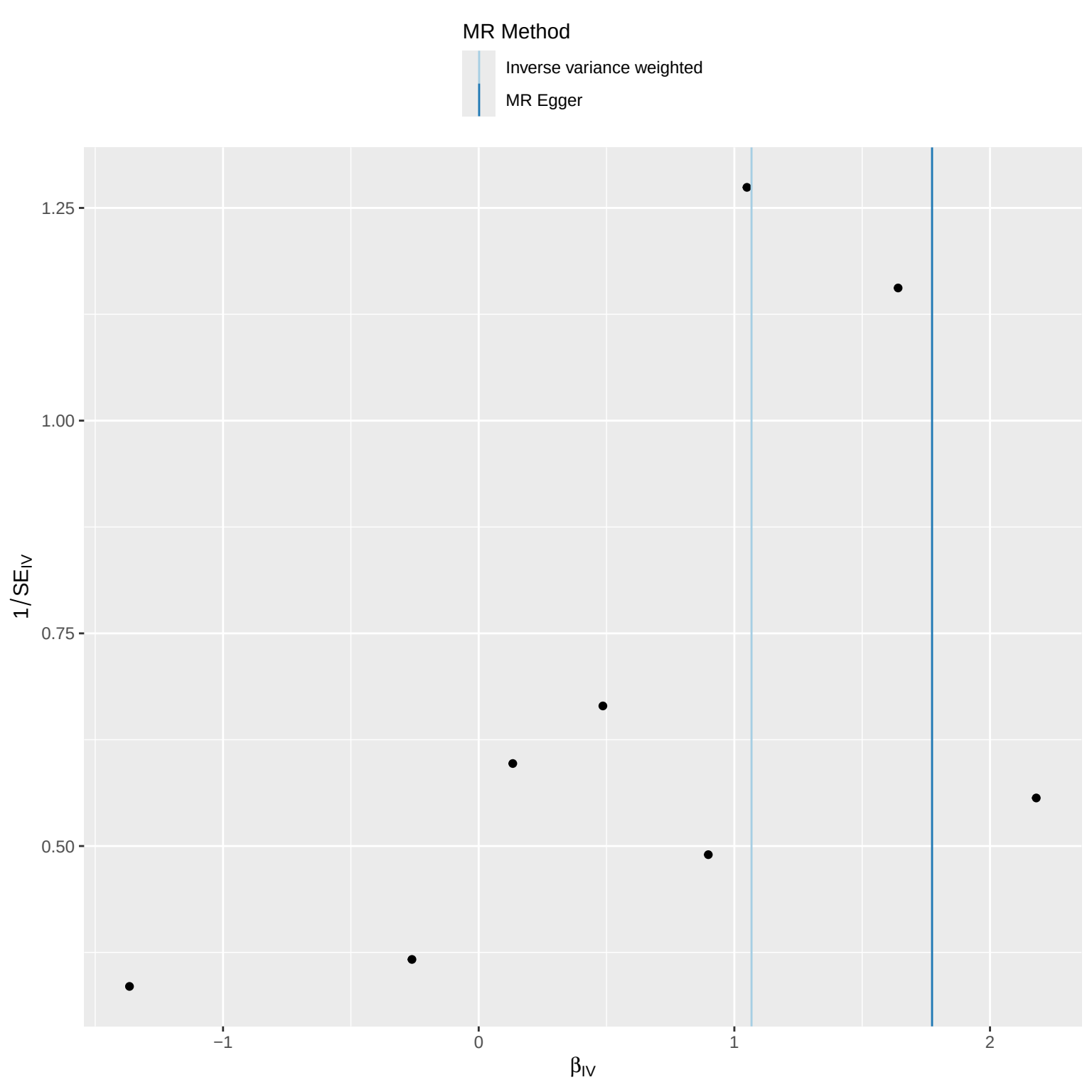

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
β_IV

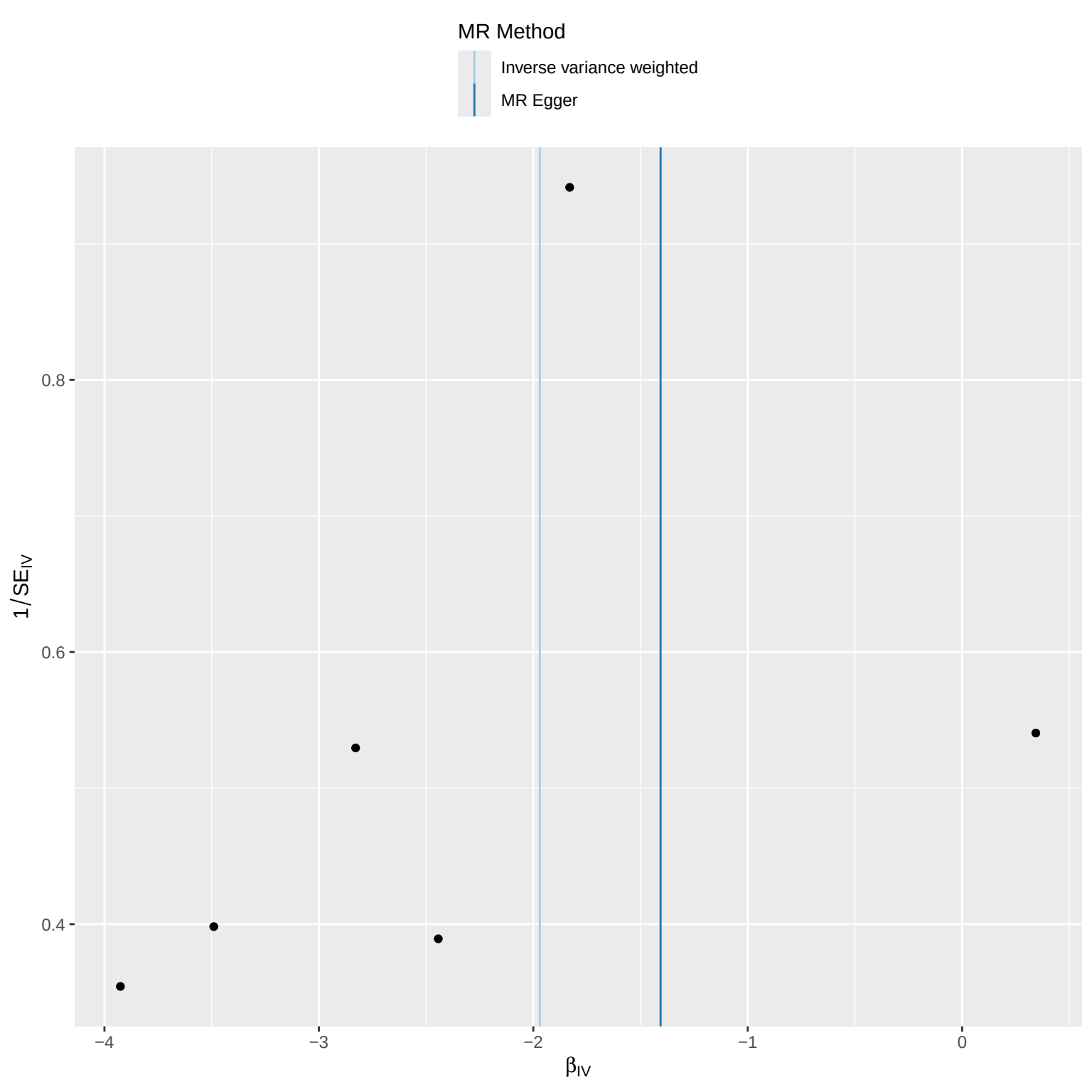

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

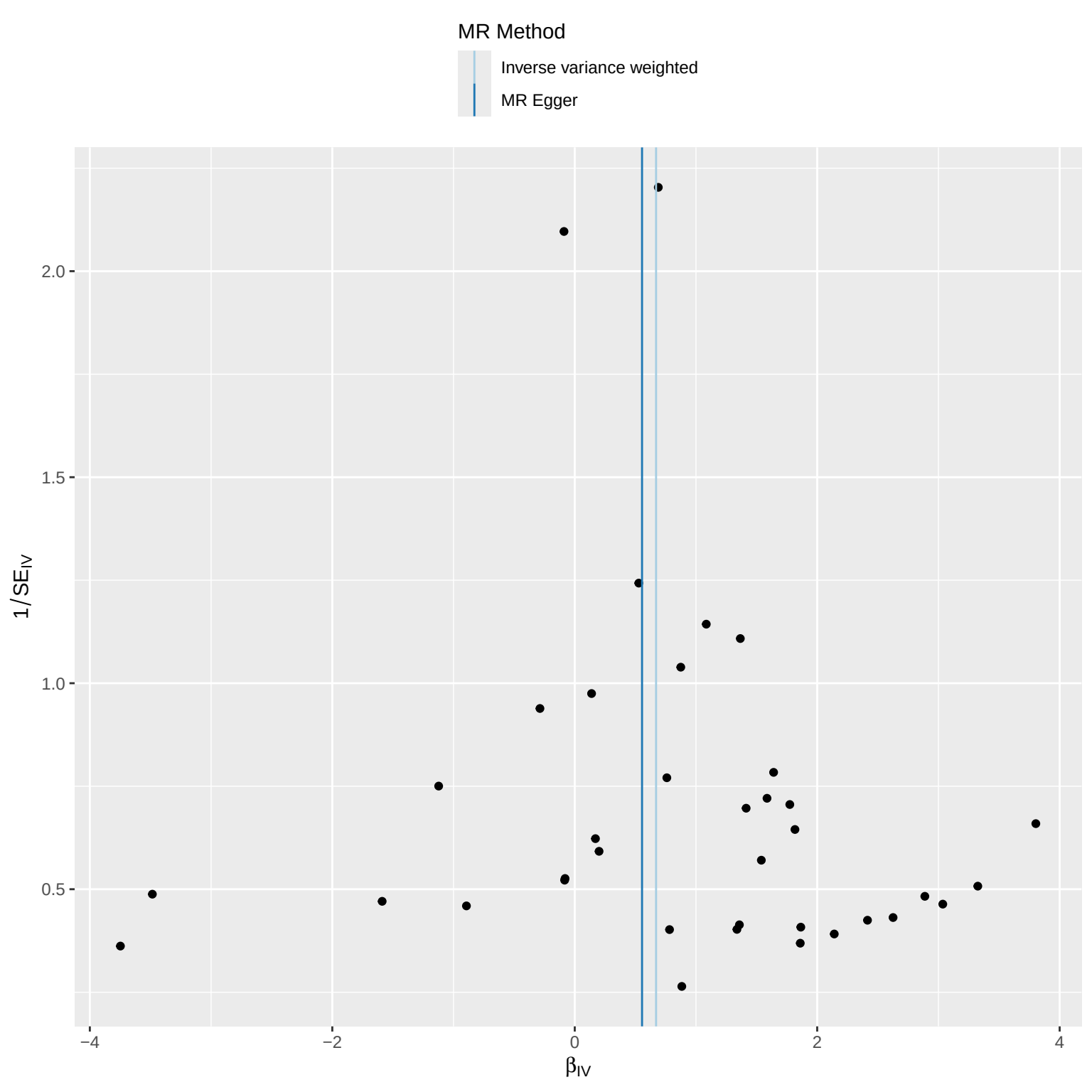

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

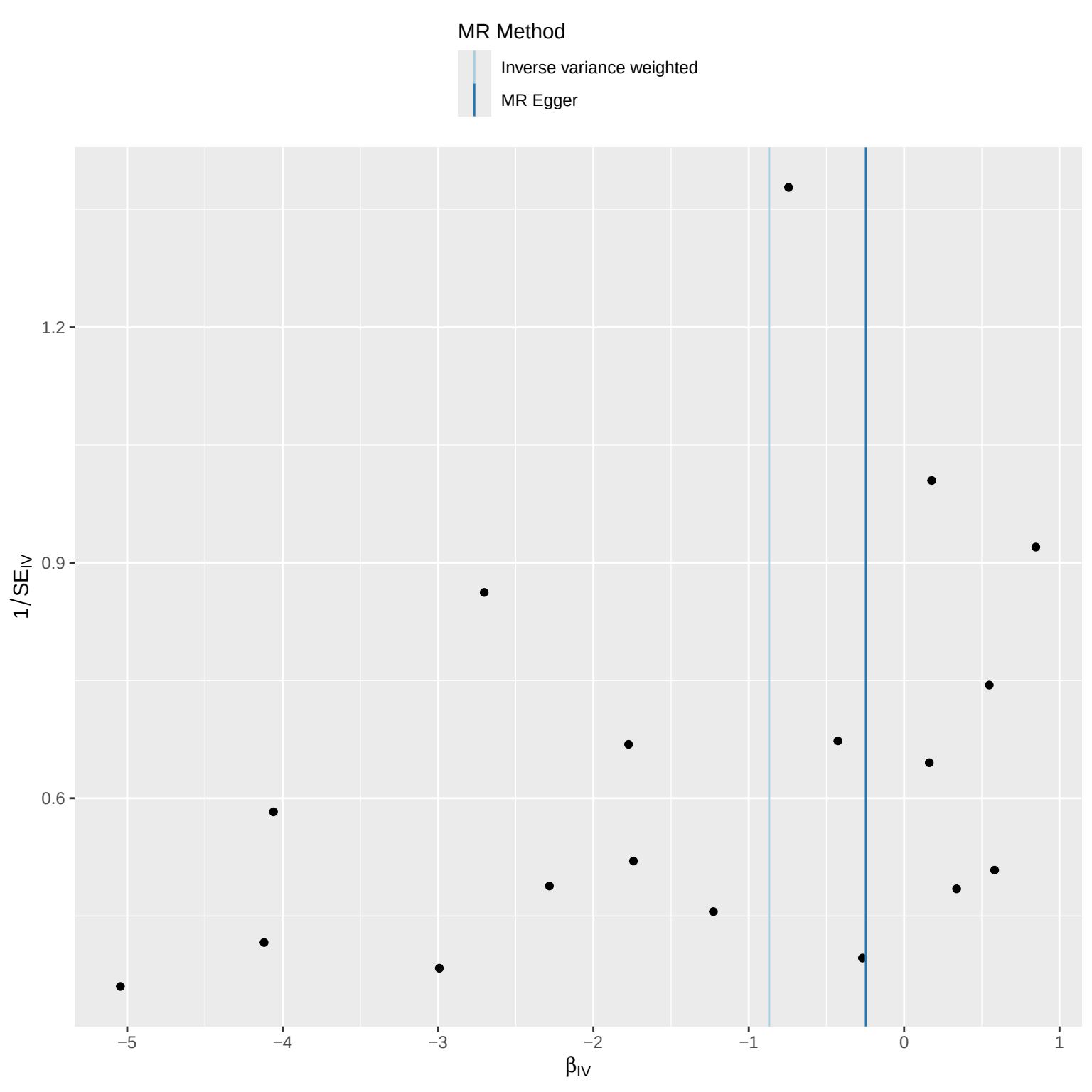

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
1/SE_IV
−1
0
1
2
β_IV

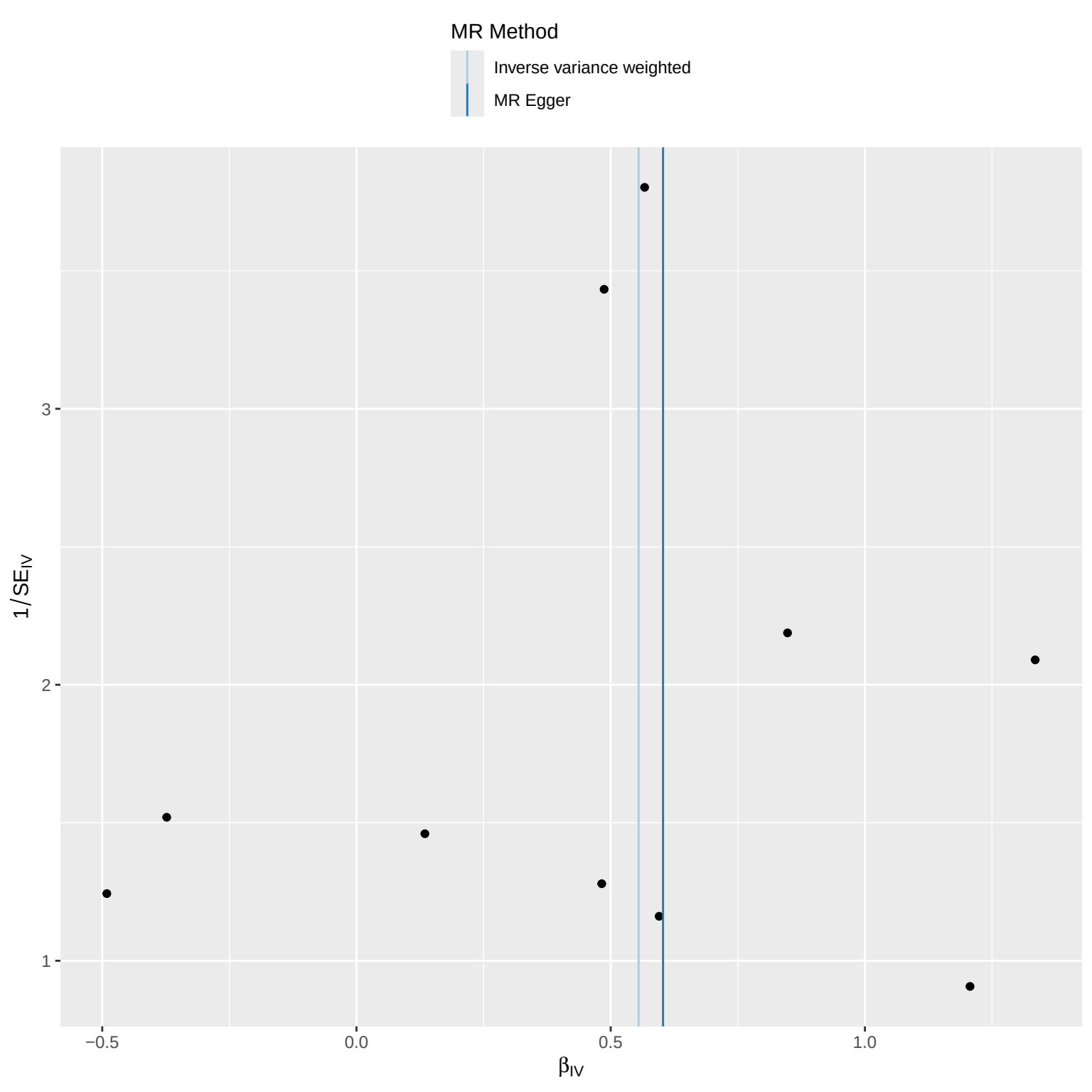

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

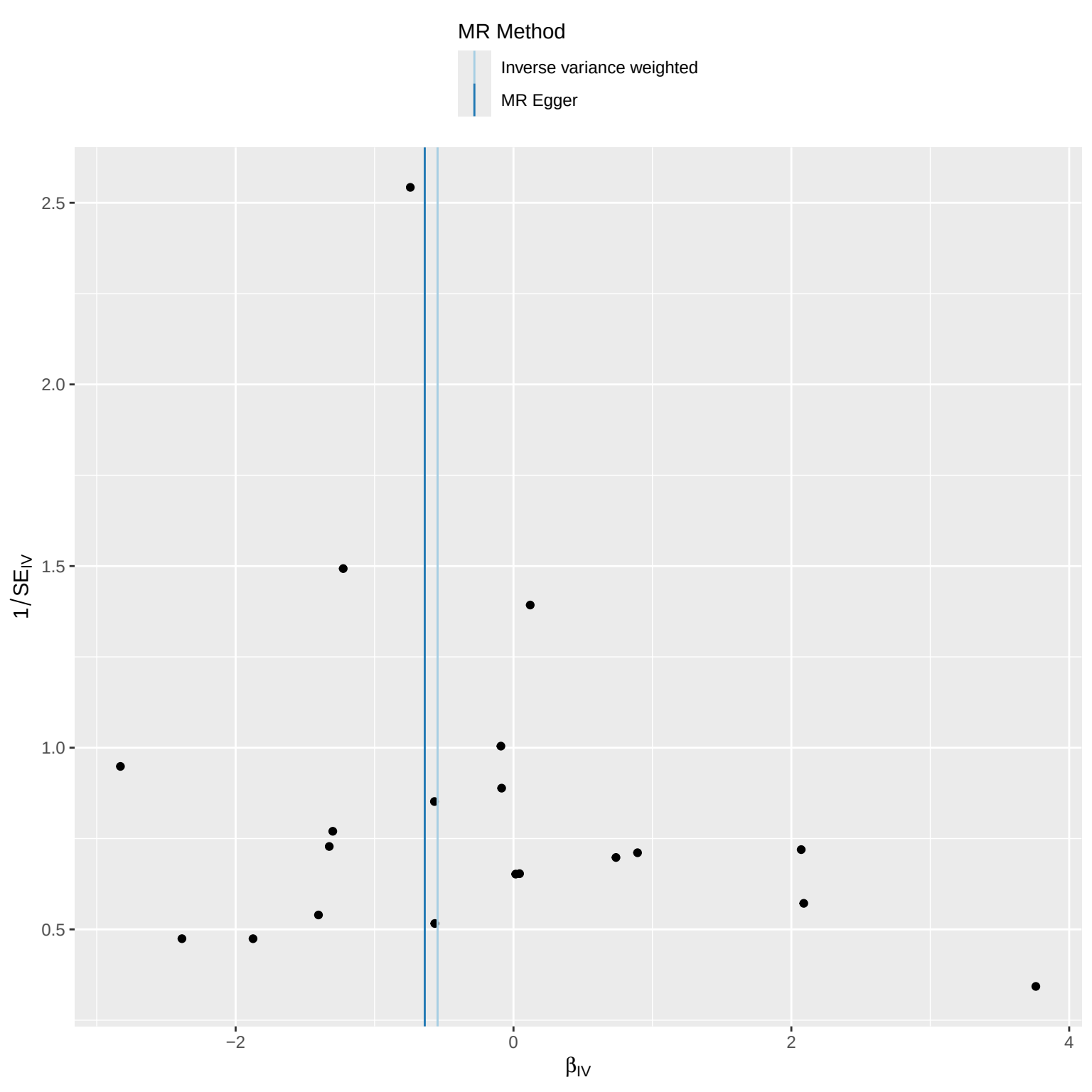

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
β_IV

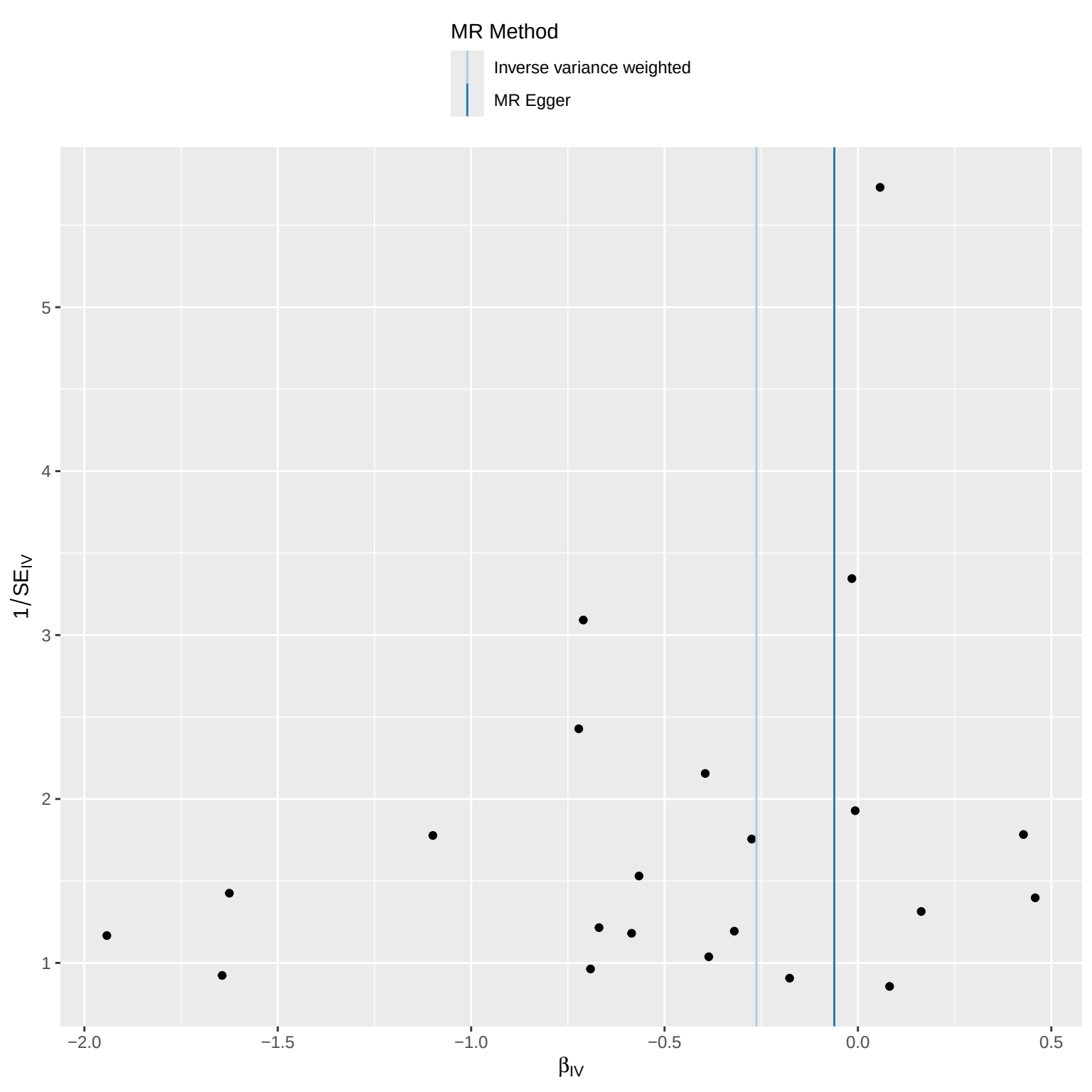

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

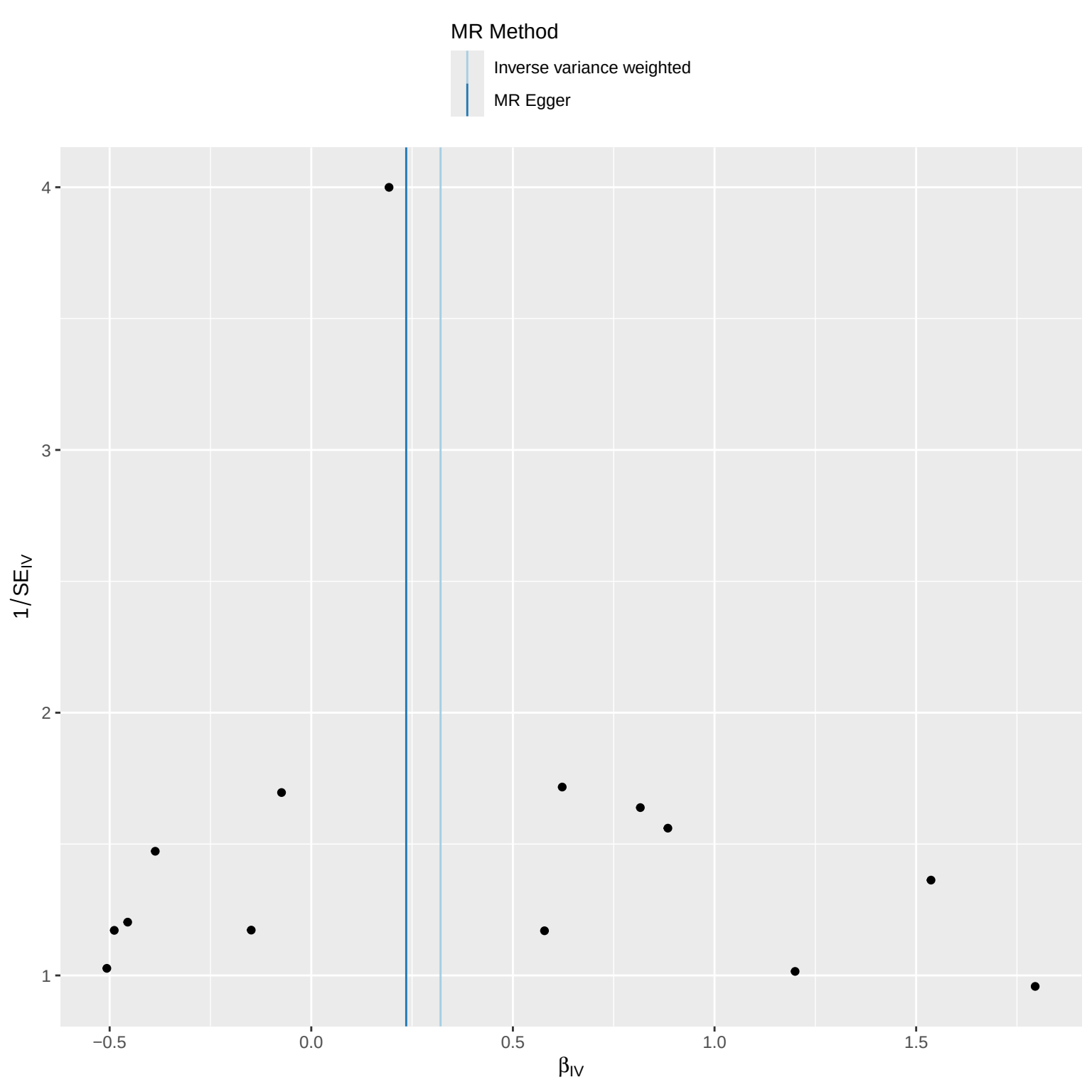

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

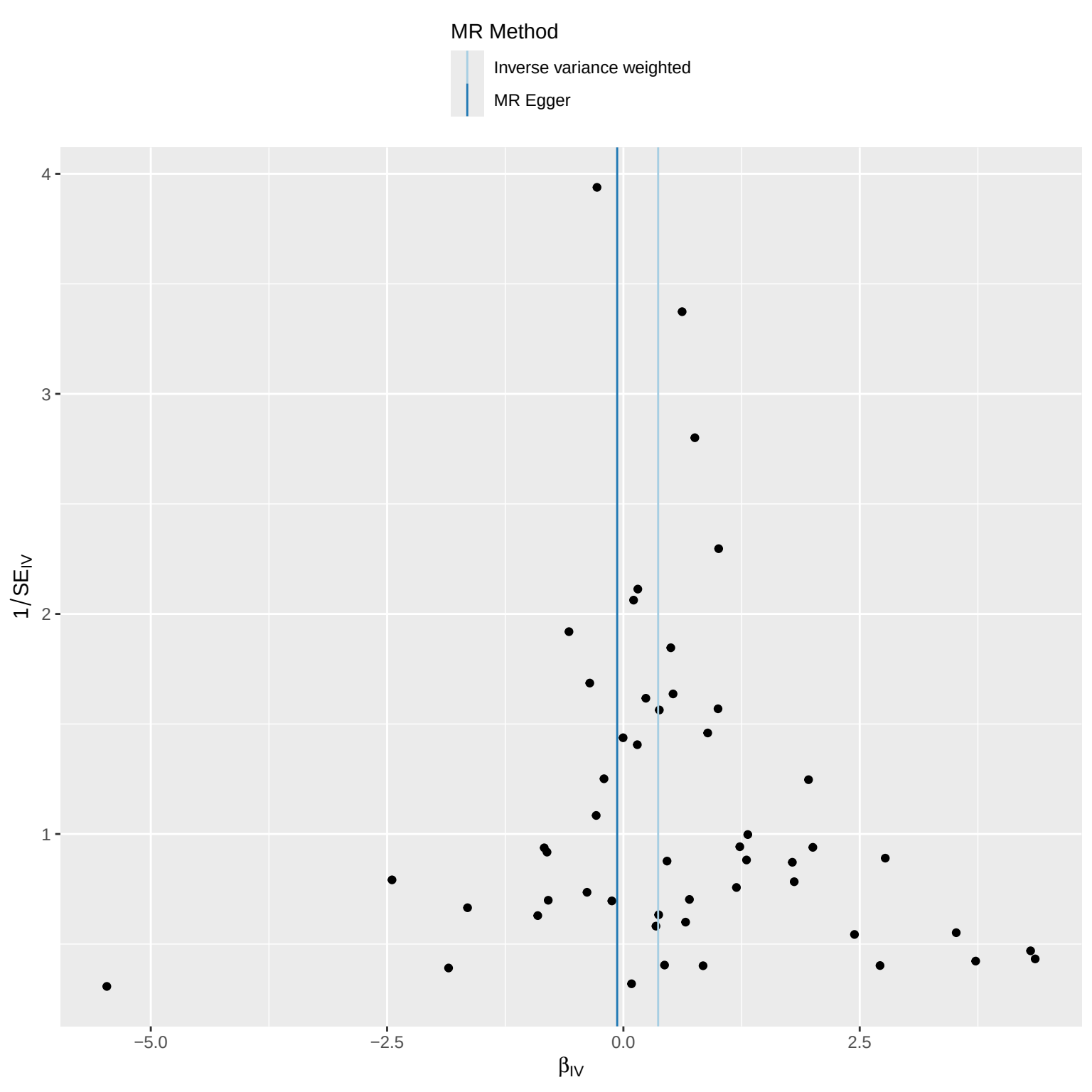

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−5
−4
−3
−2
−1
0
1
β_IV

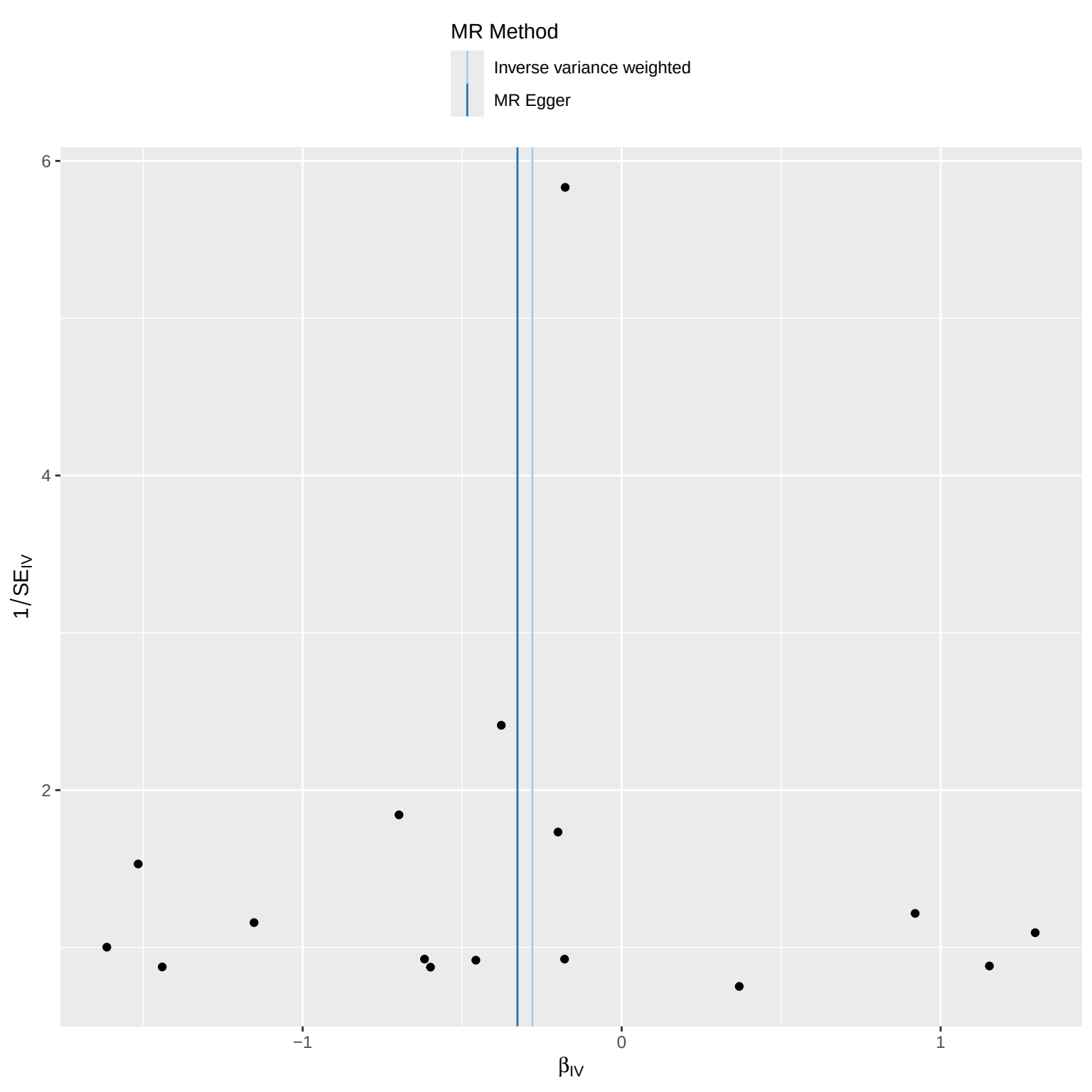

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

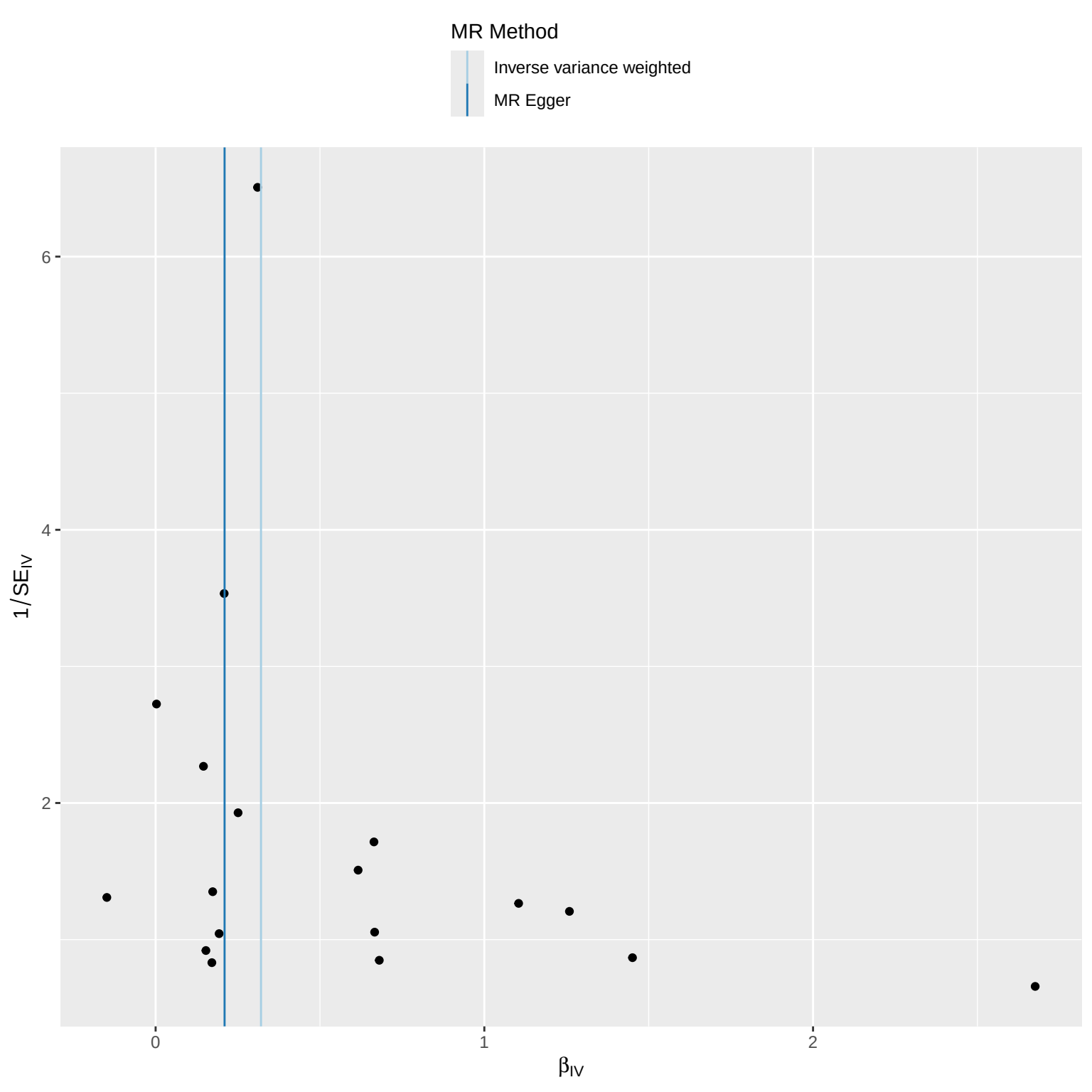

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

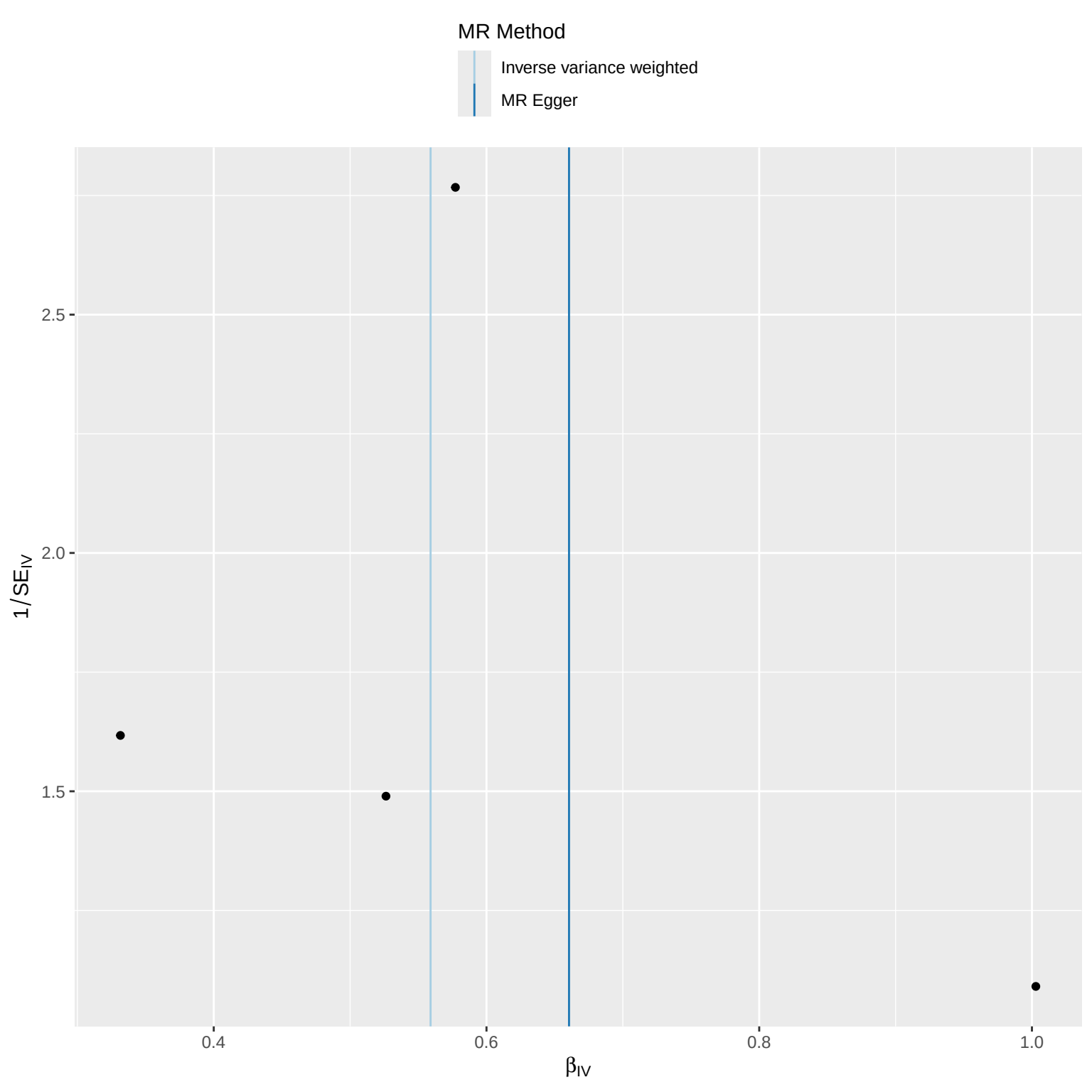

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2.0
−1.5
−1.0
−0.5
0.0
0.5

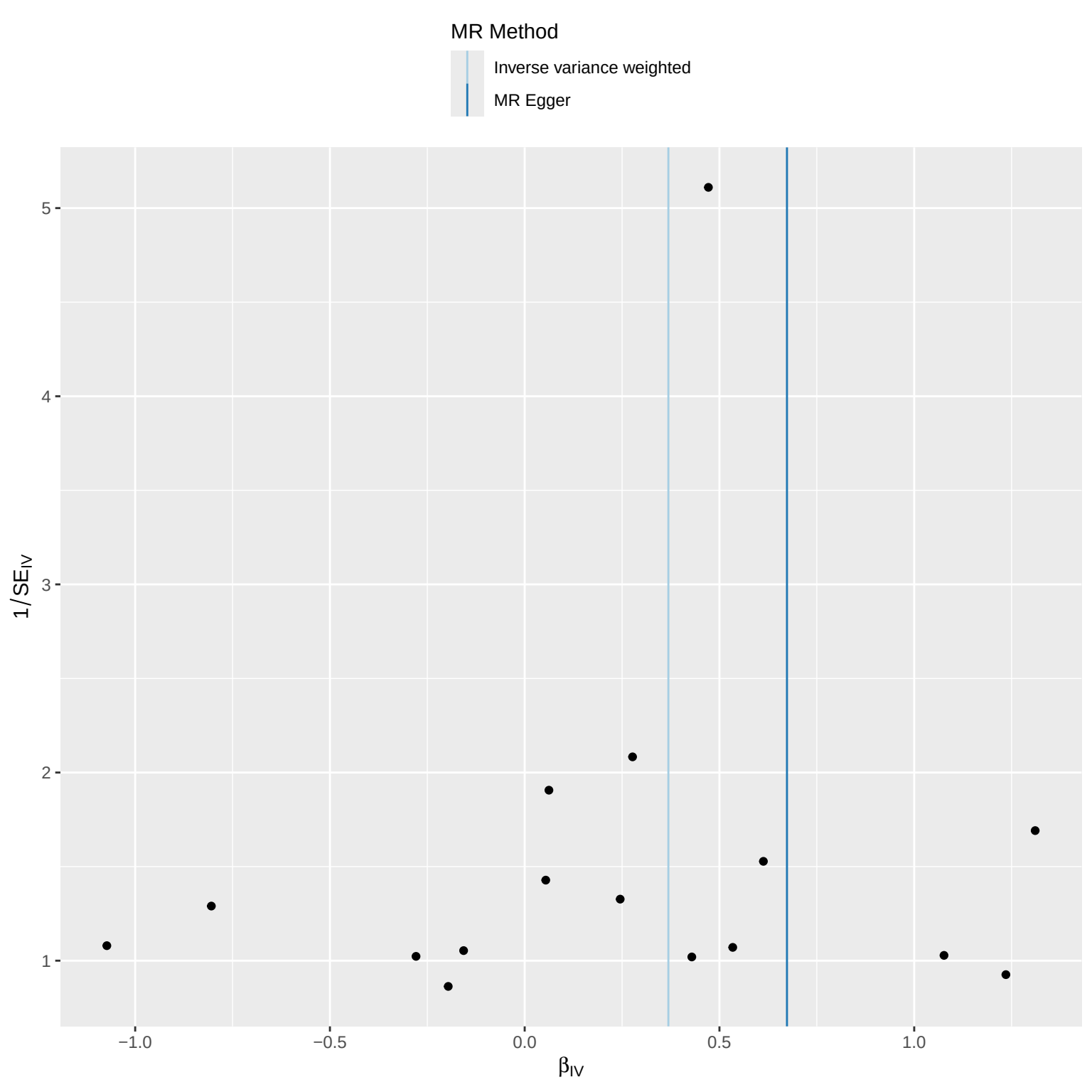

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

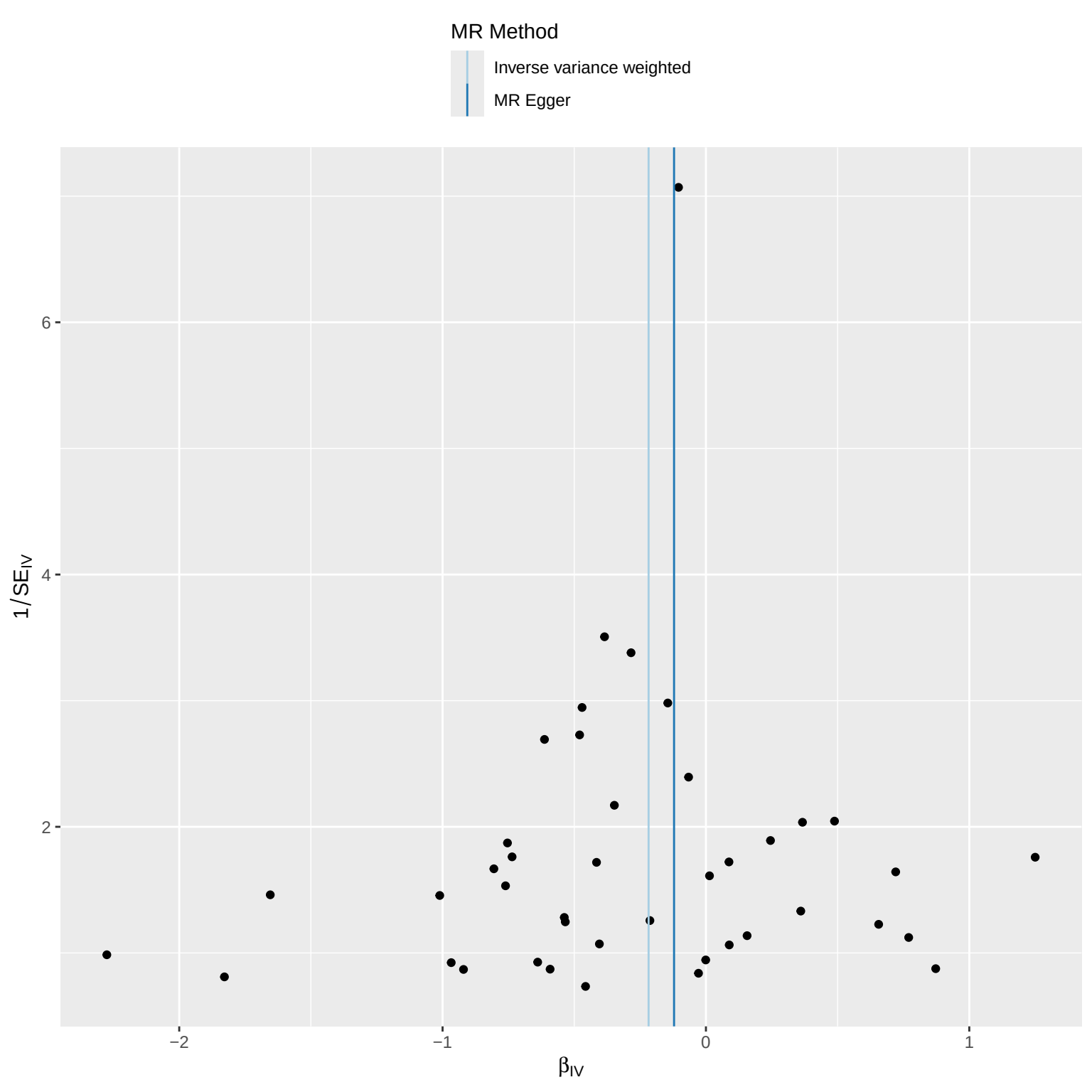

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

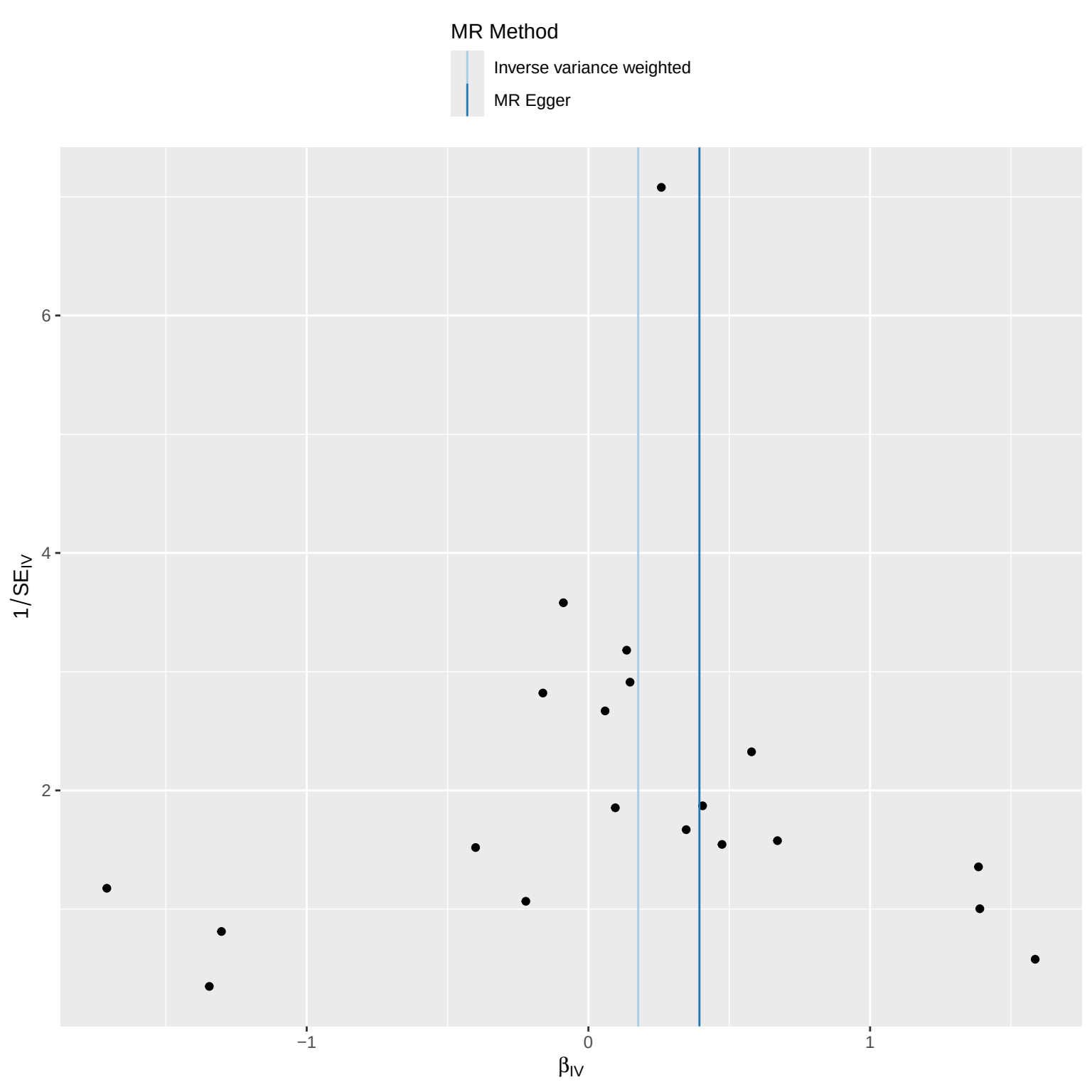

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

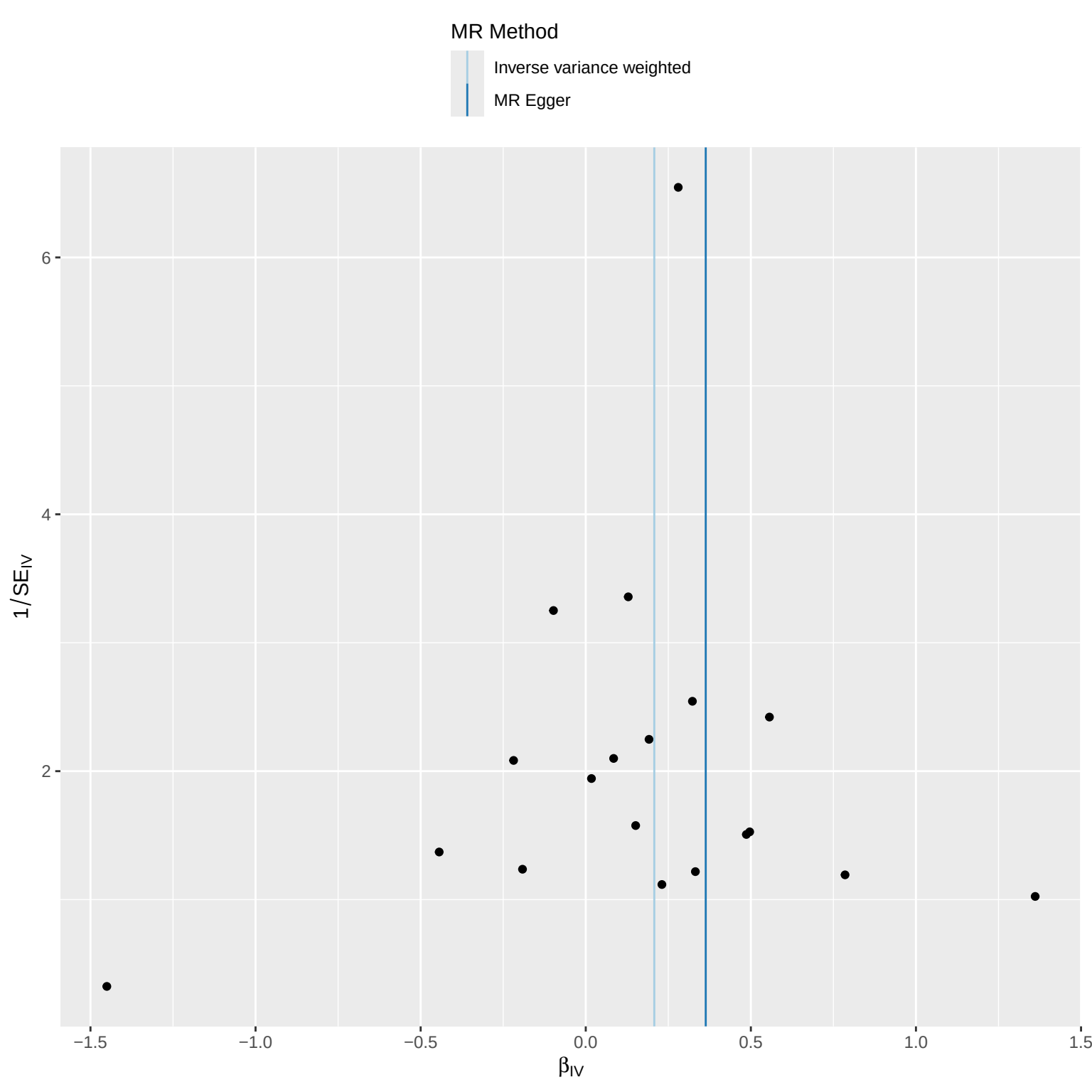

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

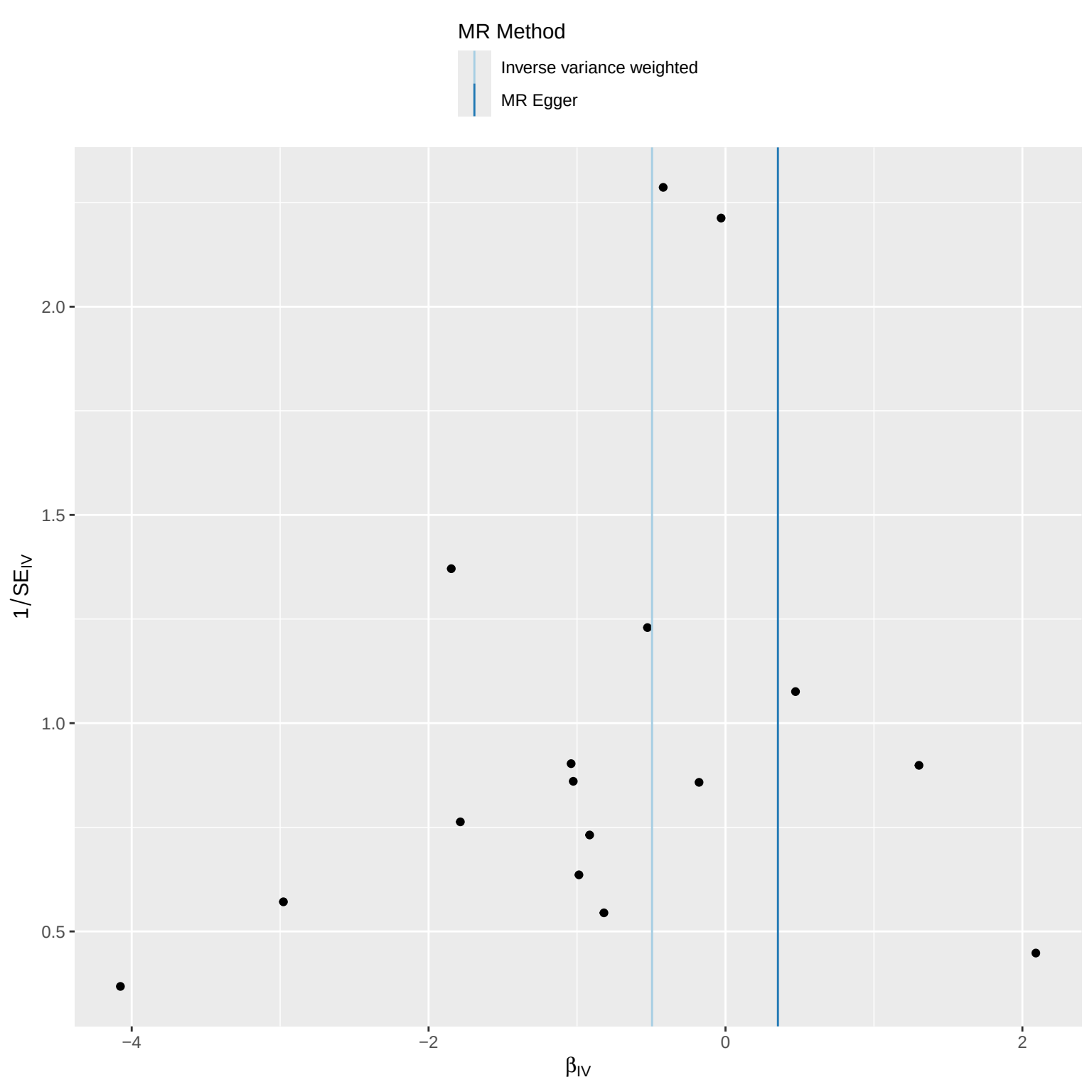

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
0.4
0.6
0.8
1.0
β_IV

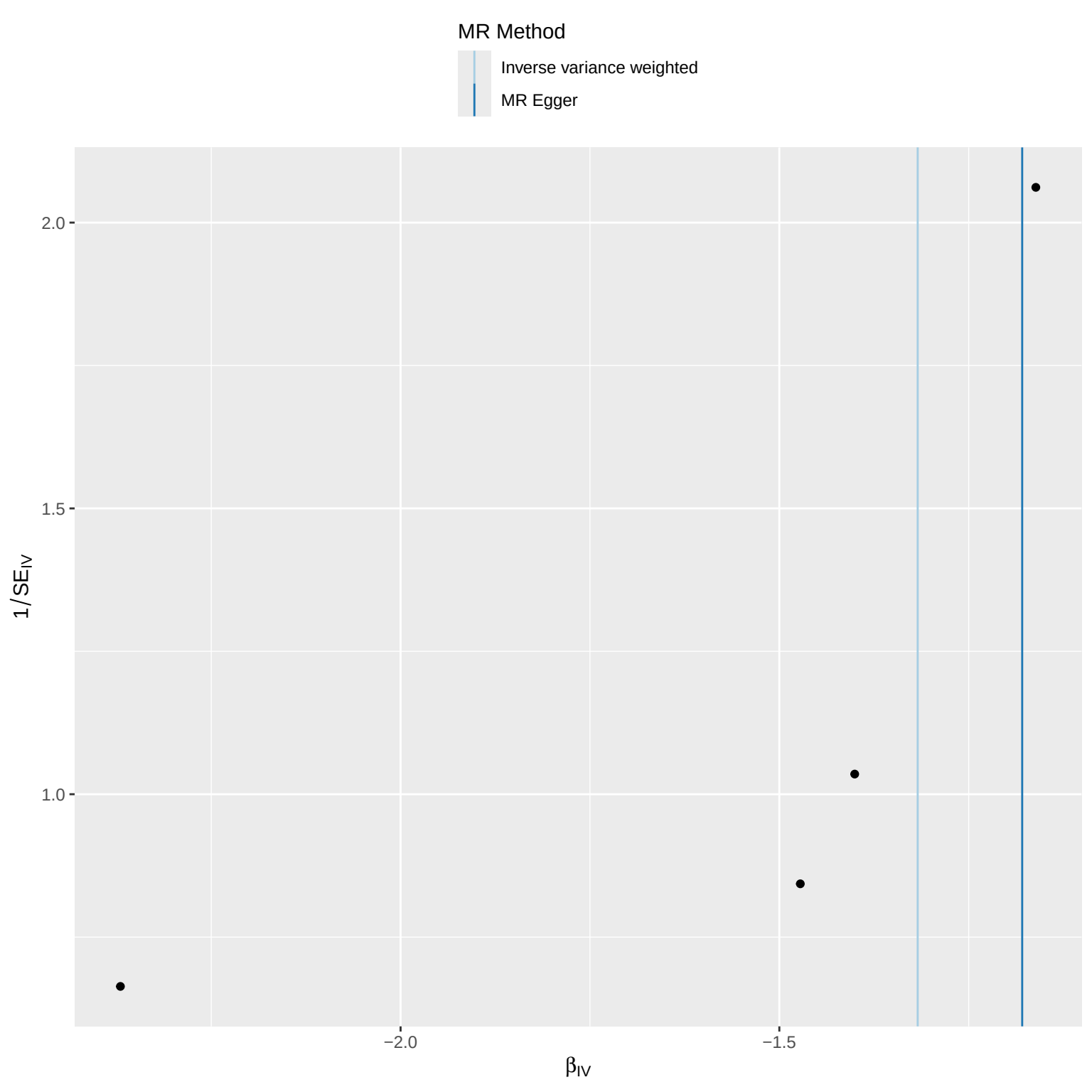

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

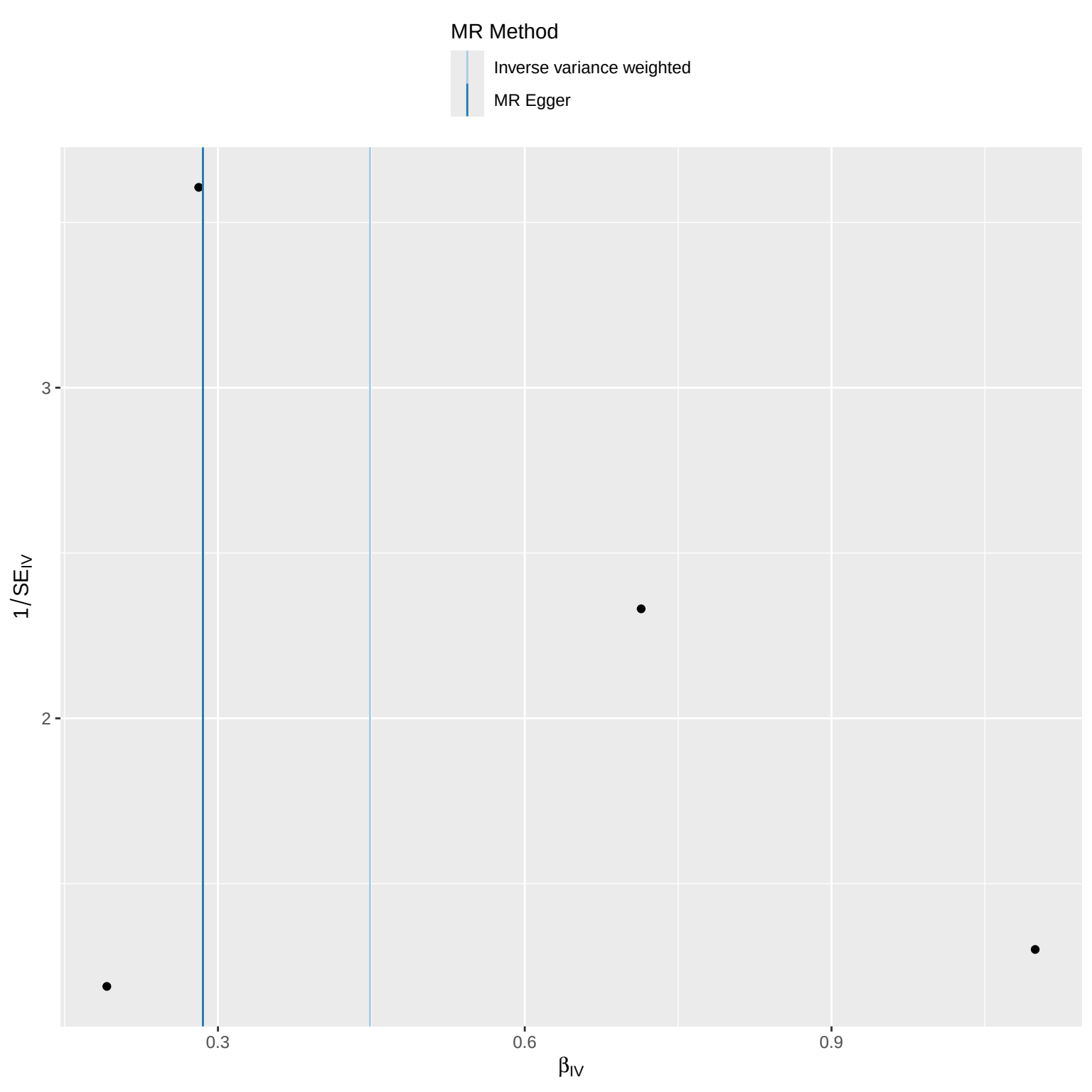

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

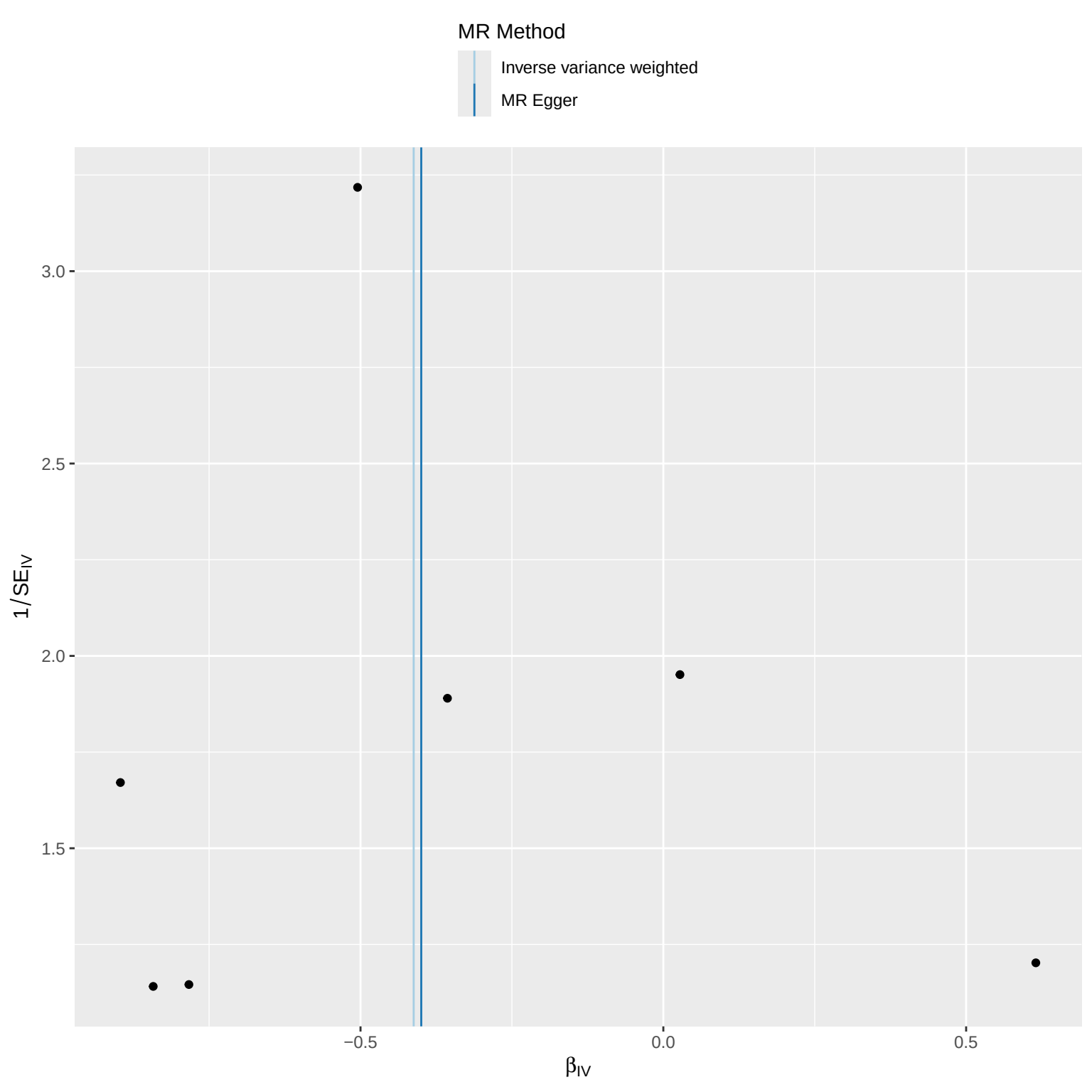

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

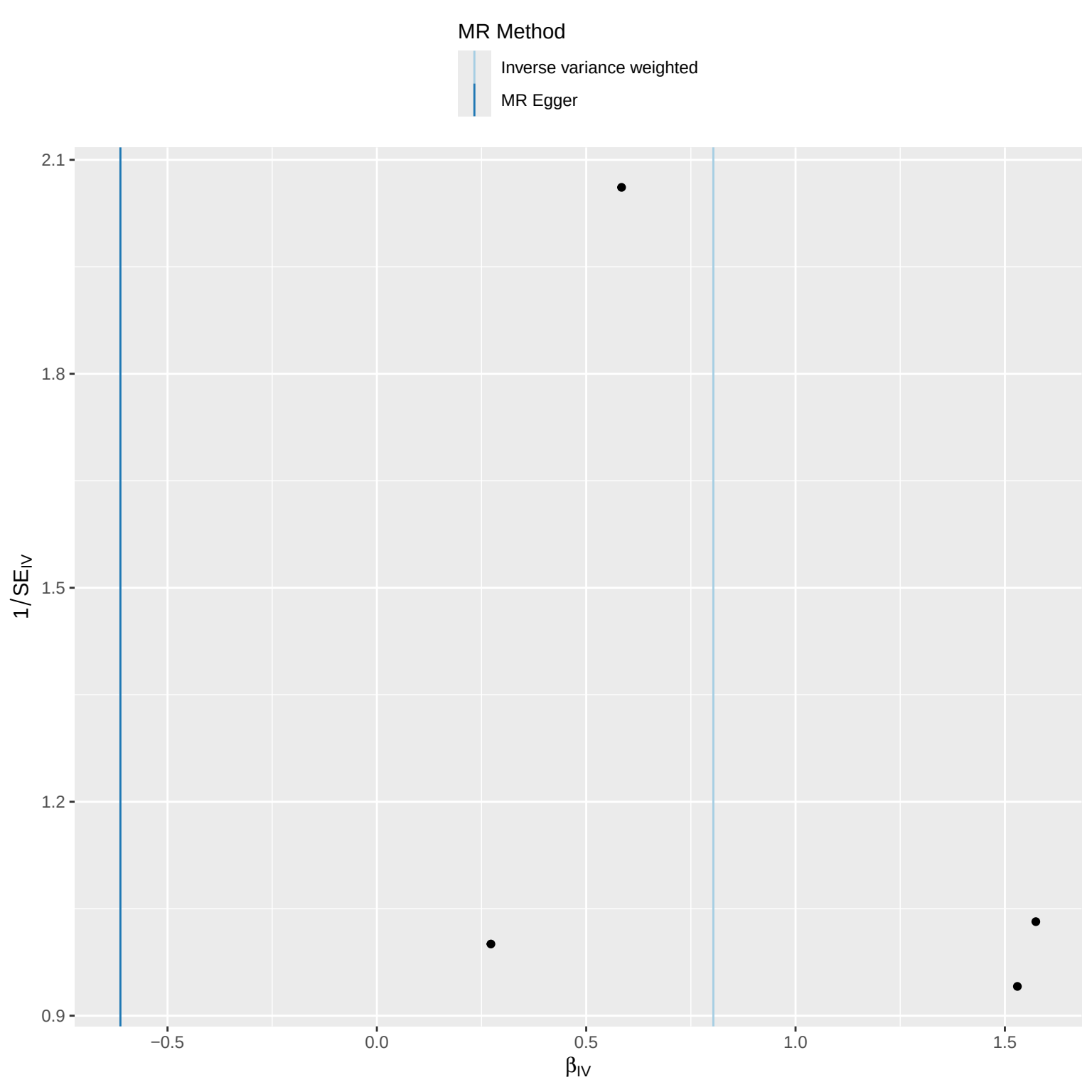

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

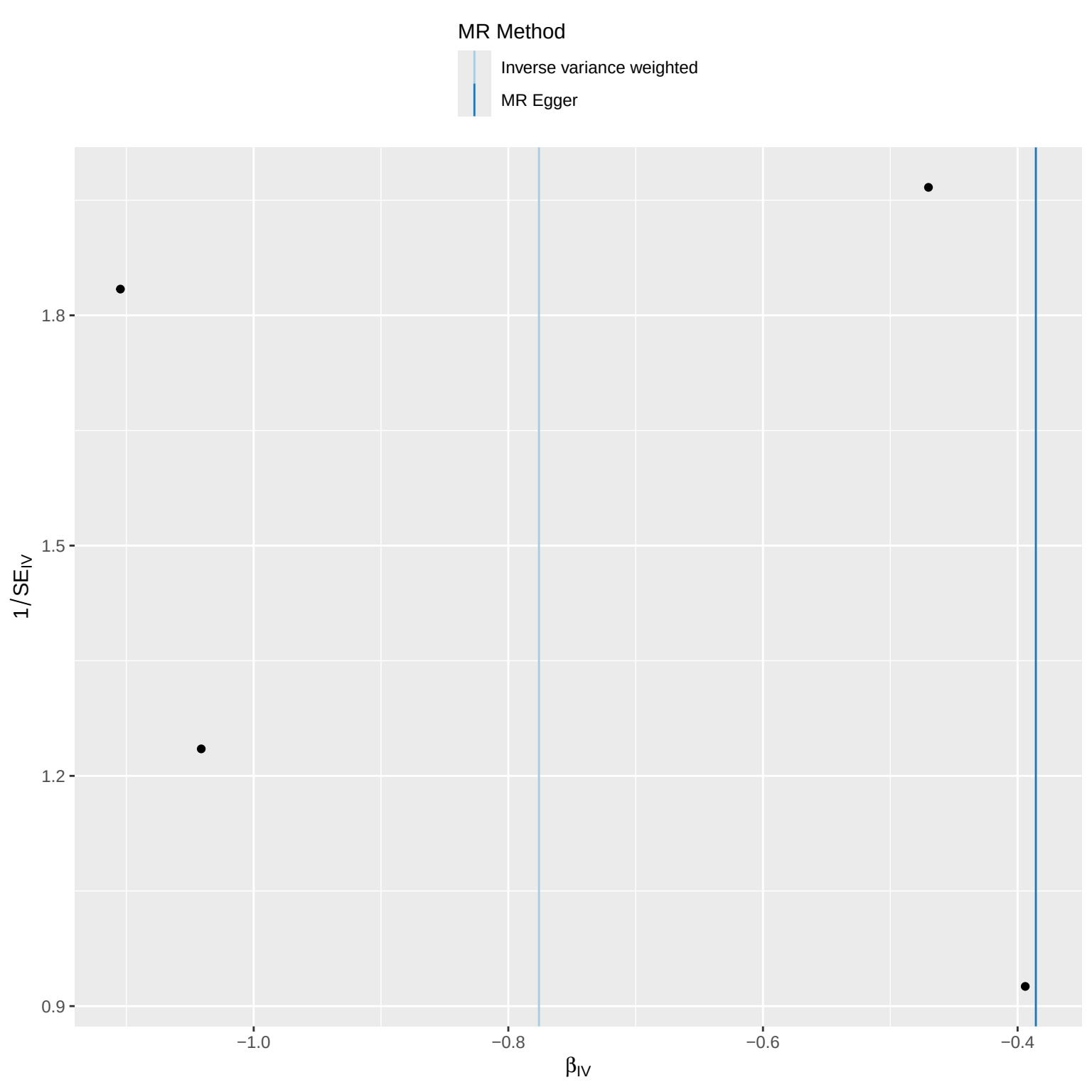

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

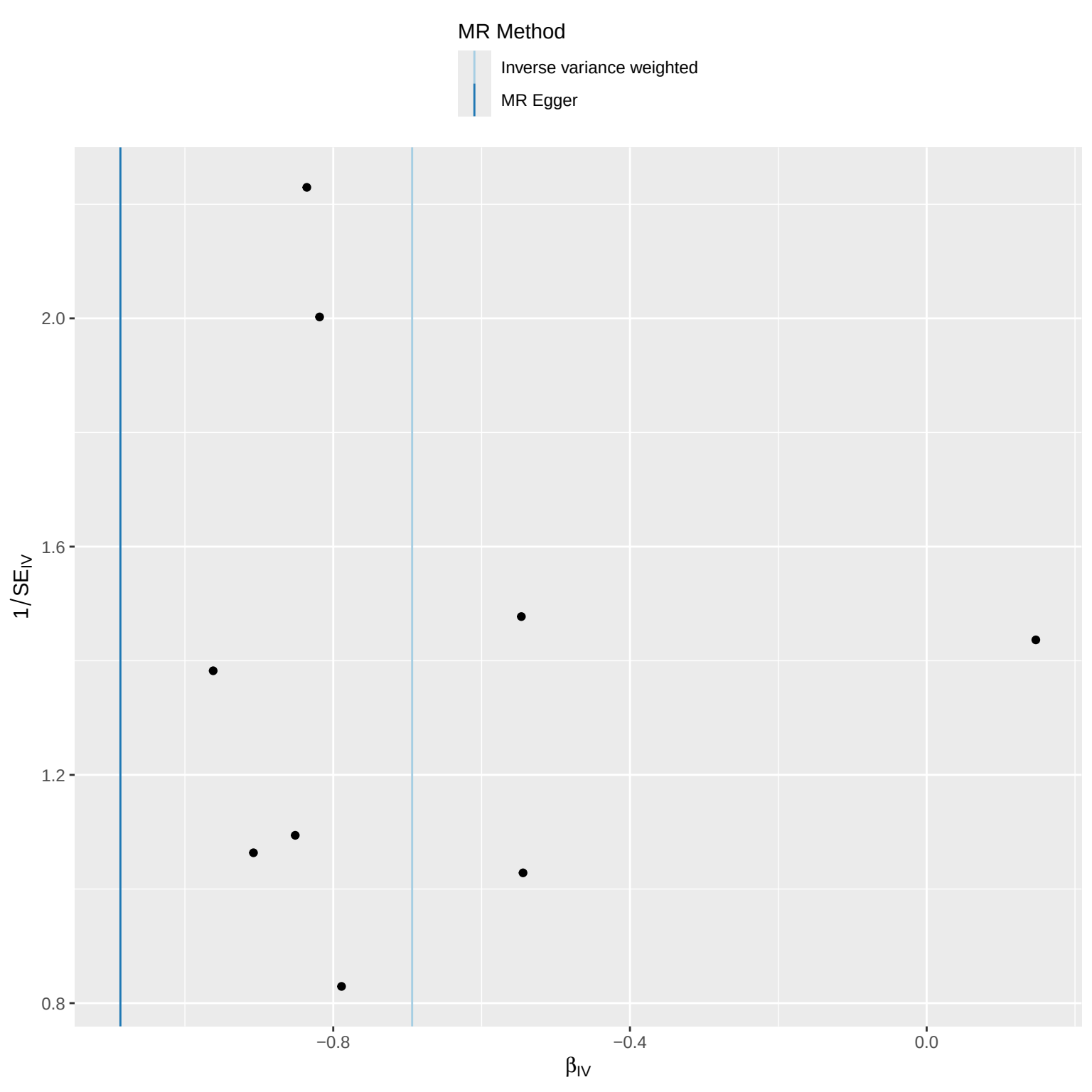

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
β_IV

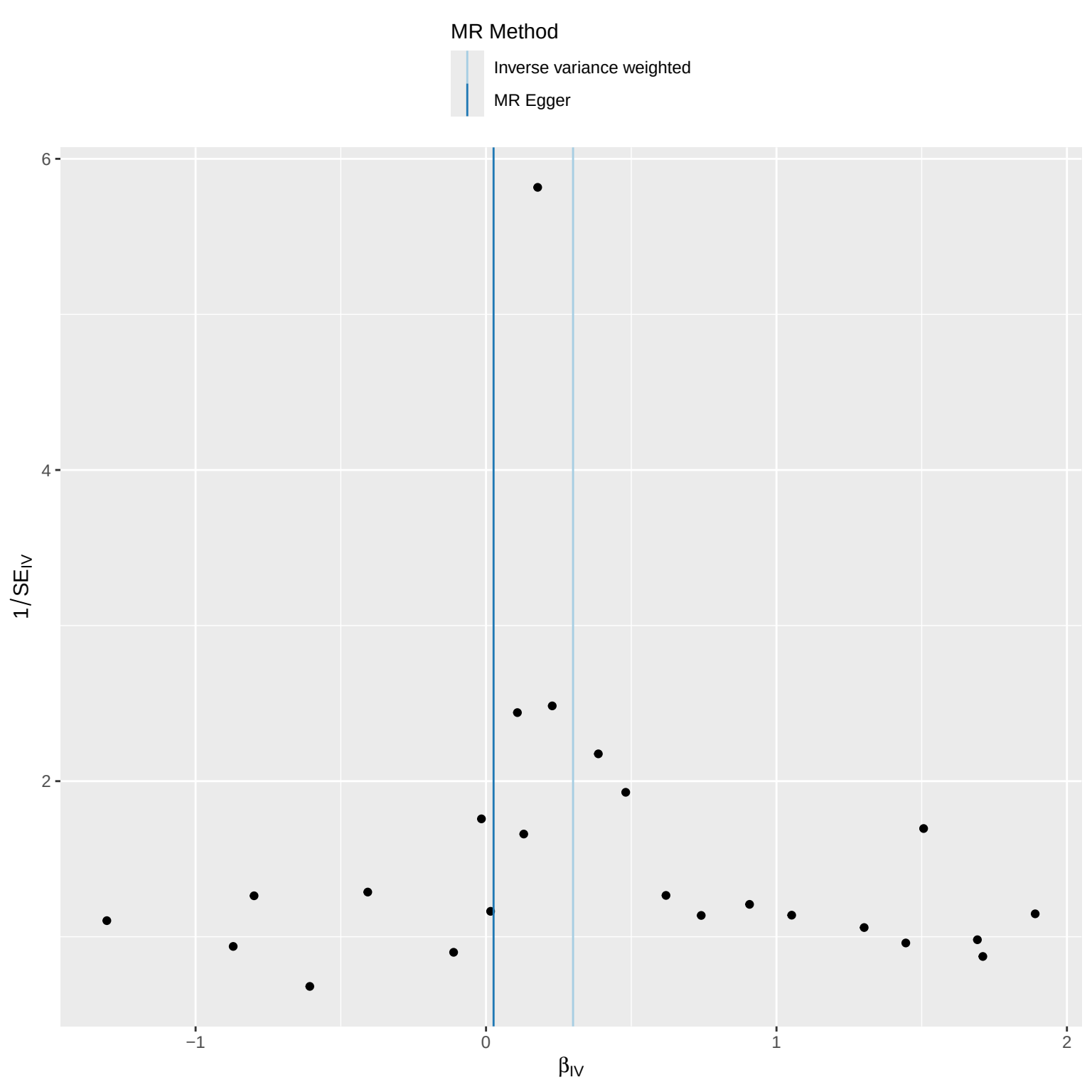

MR Method
Inverse variance weighted
MR Egger
3
2
1/SE_IV
0.3
0.6
0.9
β_IV

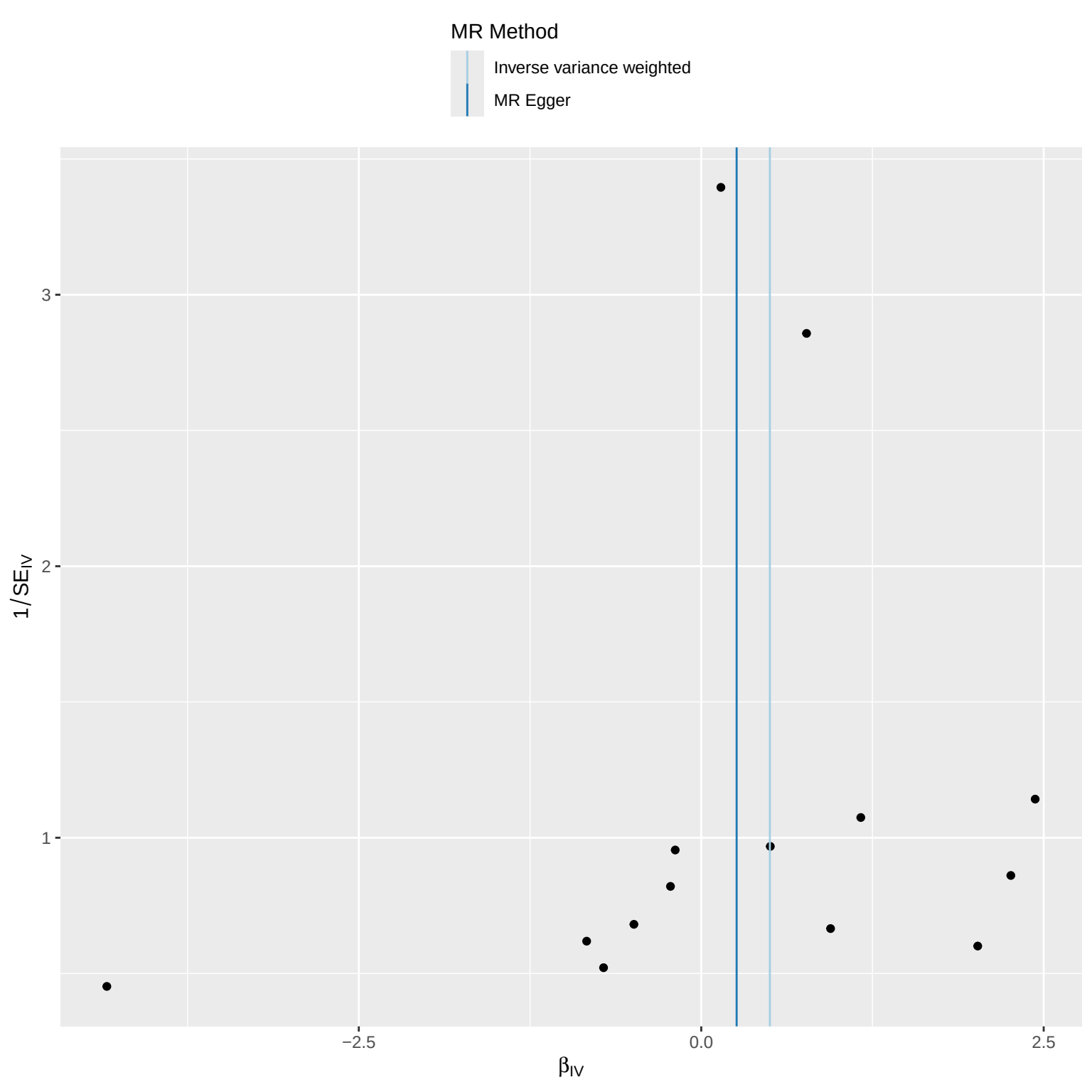

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
β_IV

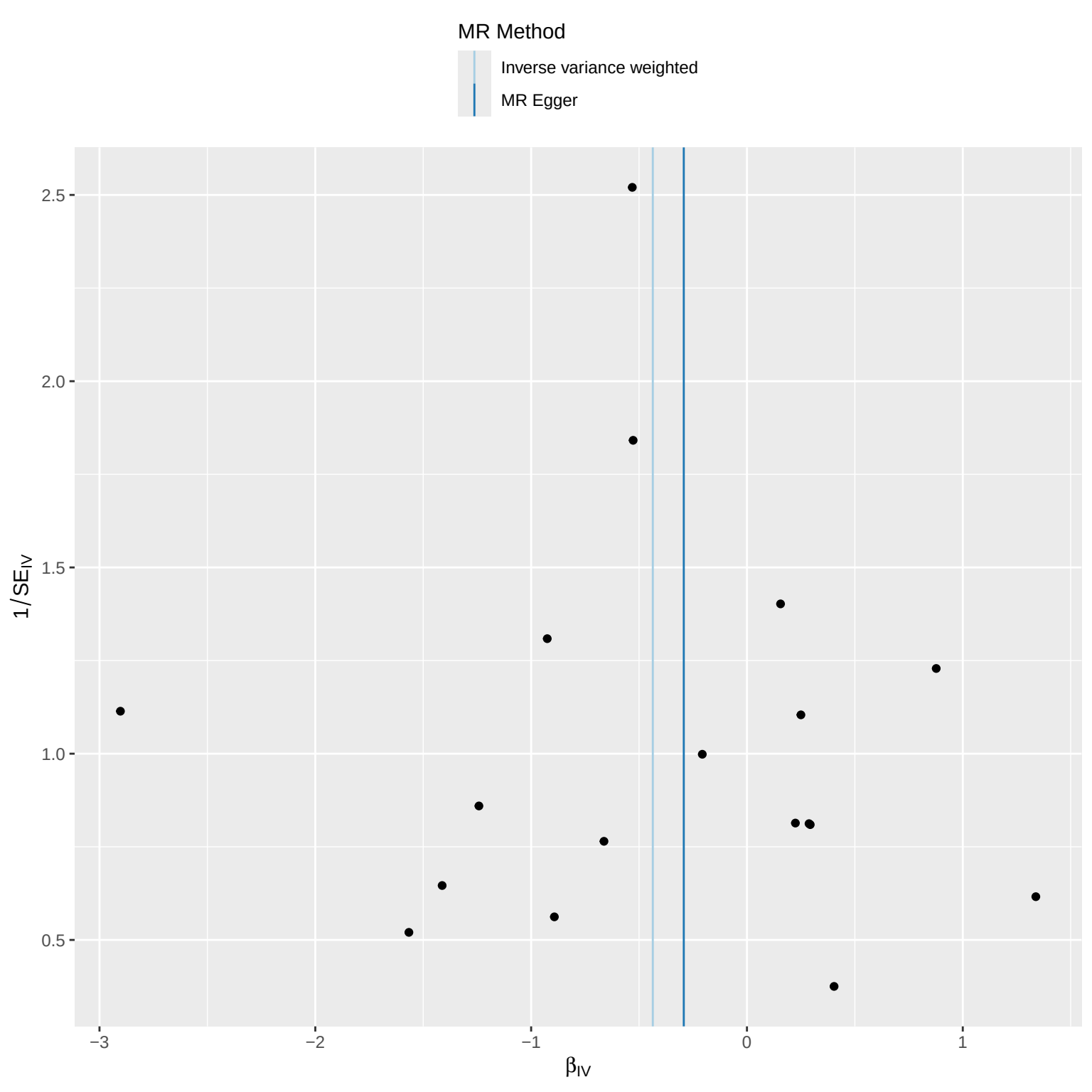

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

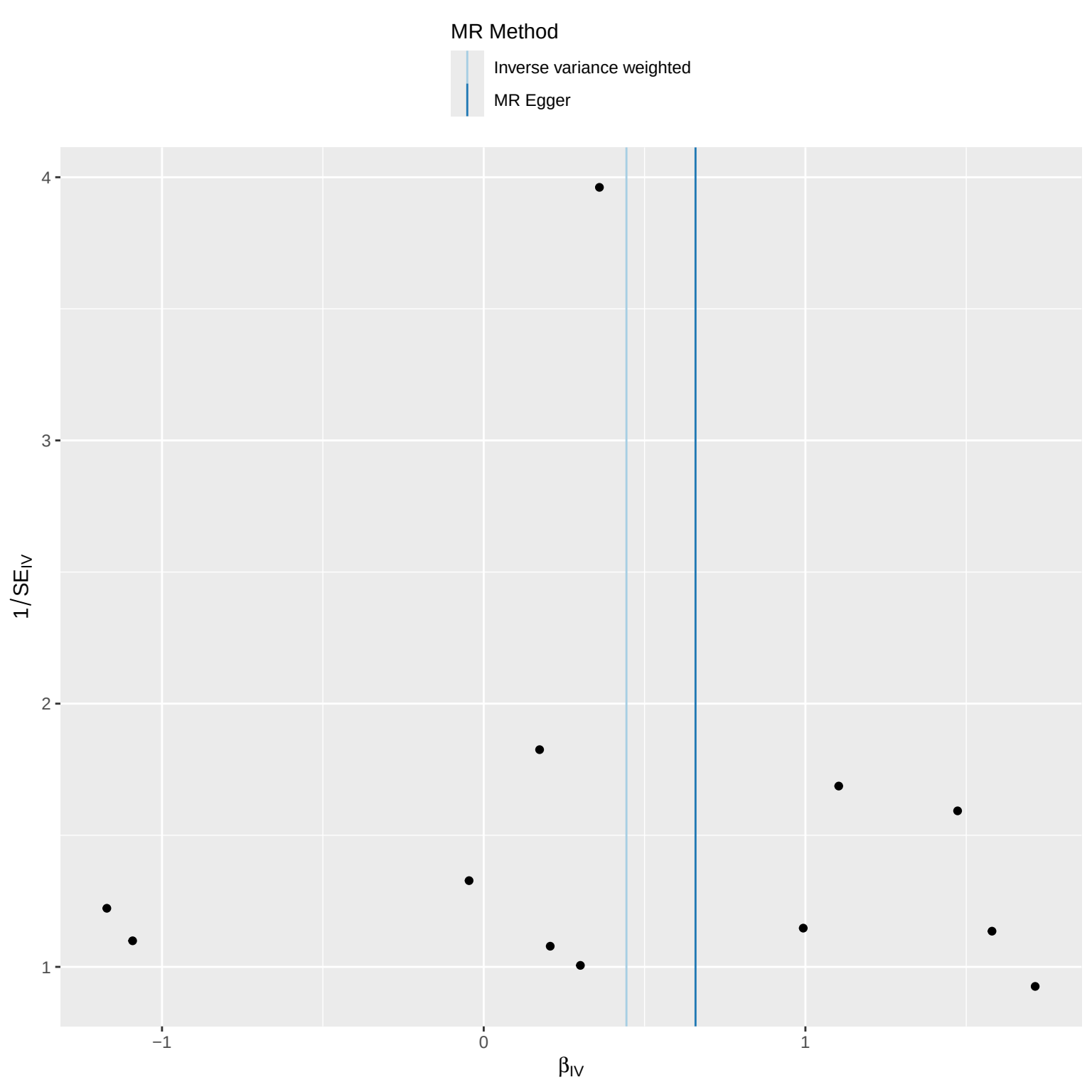

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
−1.0
−0.8
−0.6
−0.4
β_IV

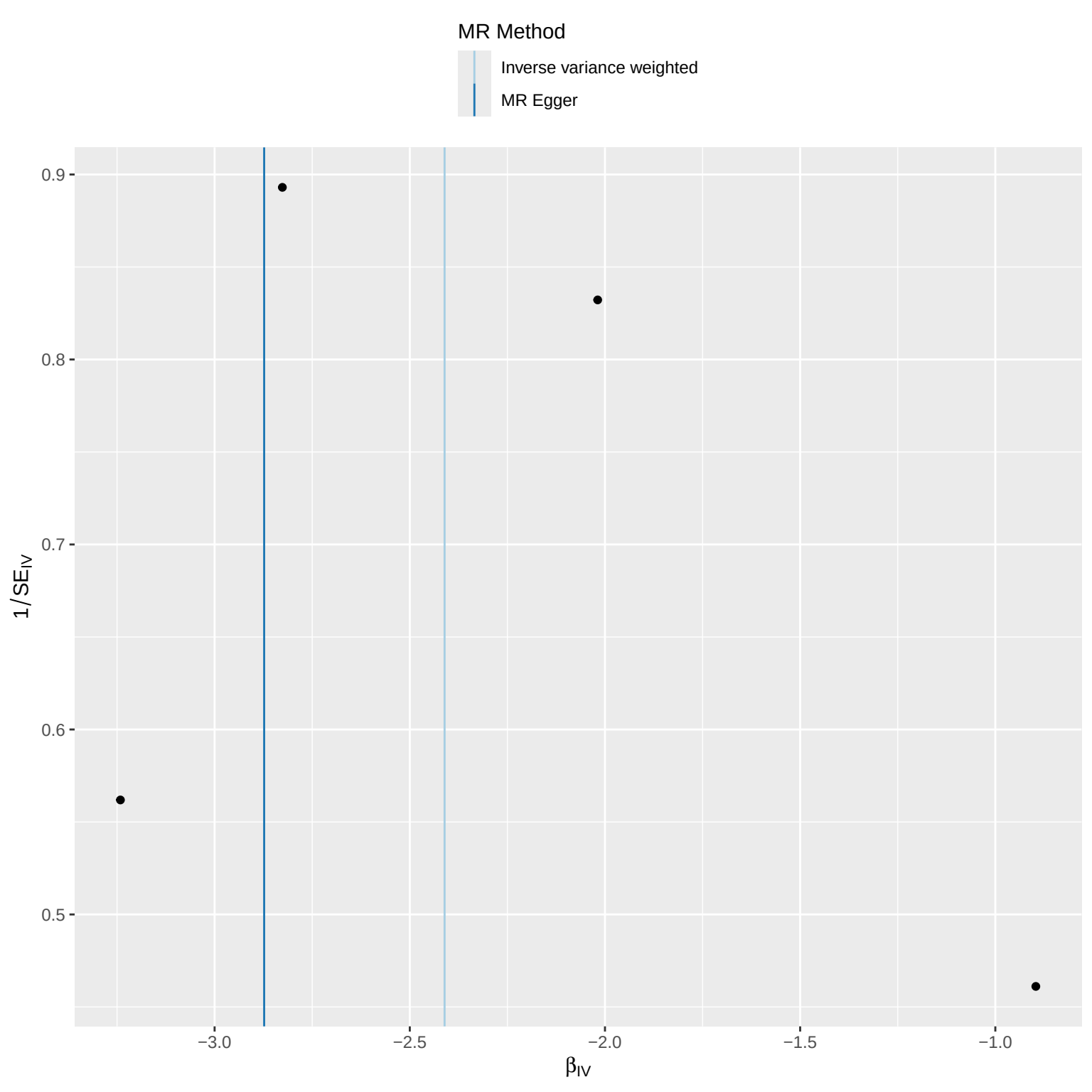

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
−0.8
−0.4
0.0
β_IV

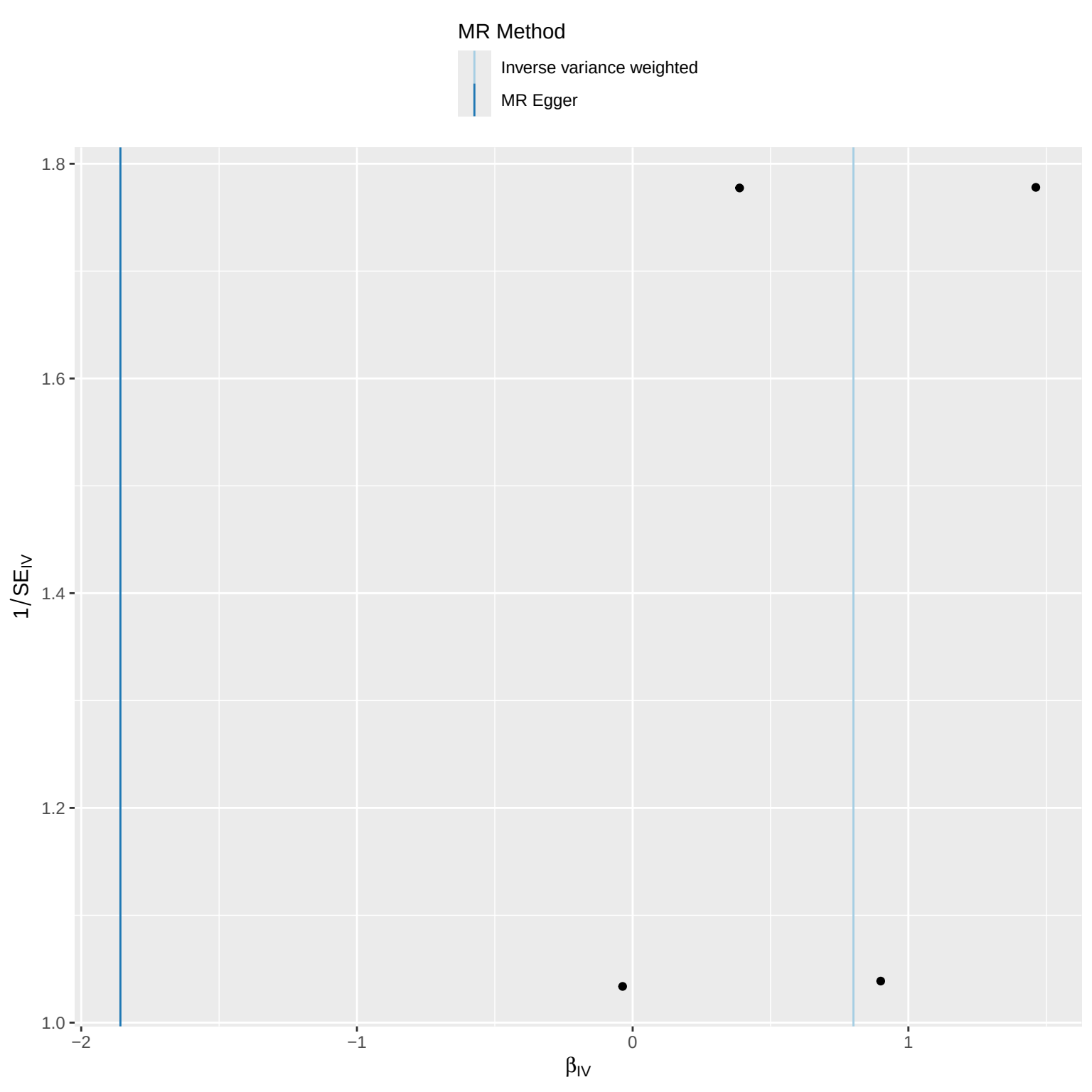

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

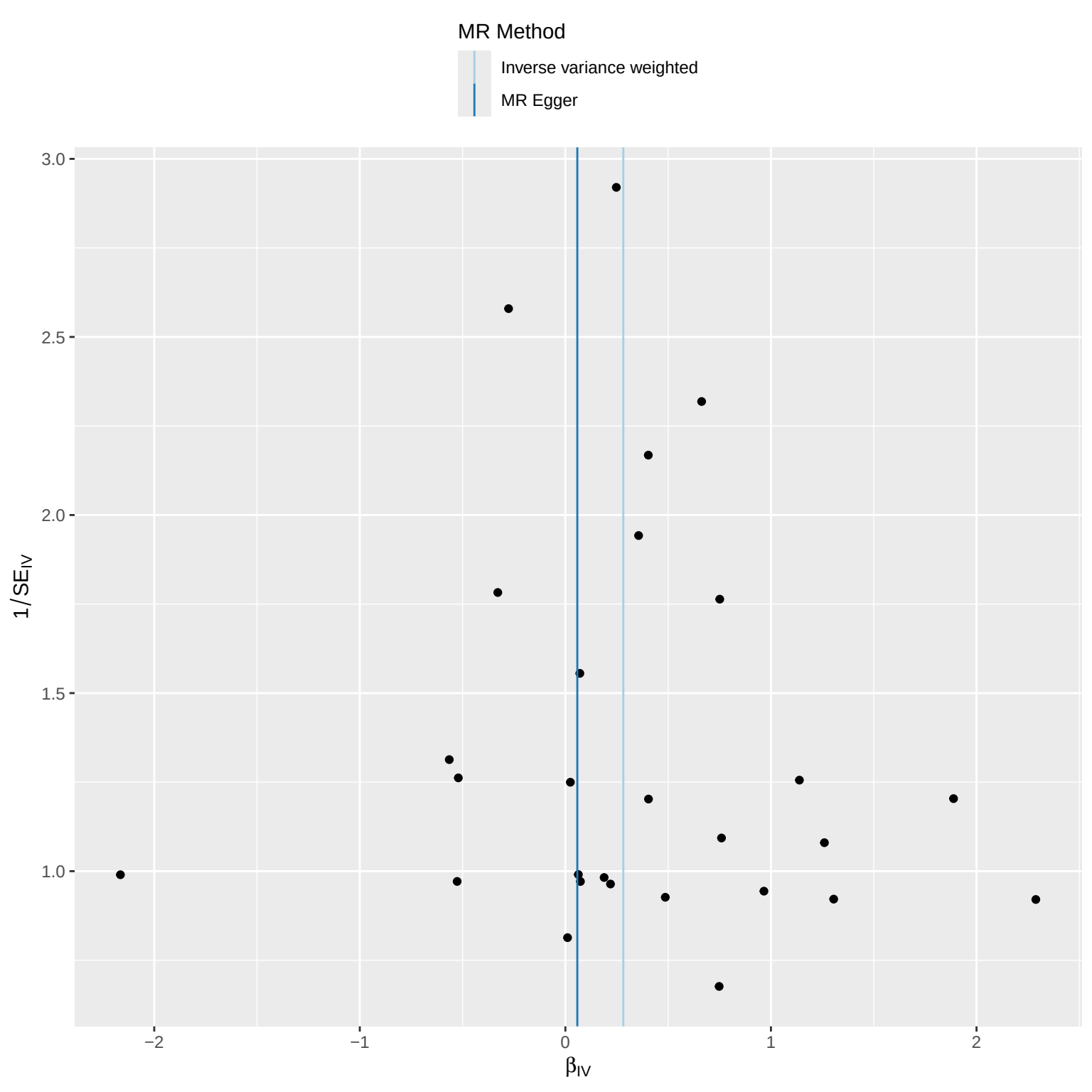

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

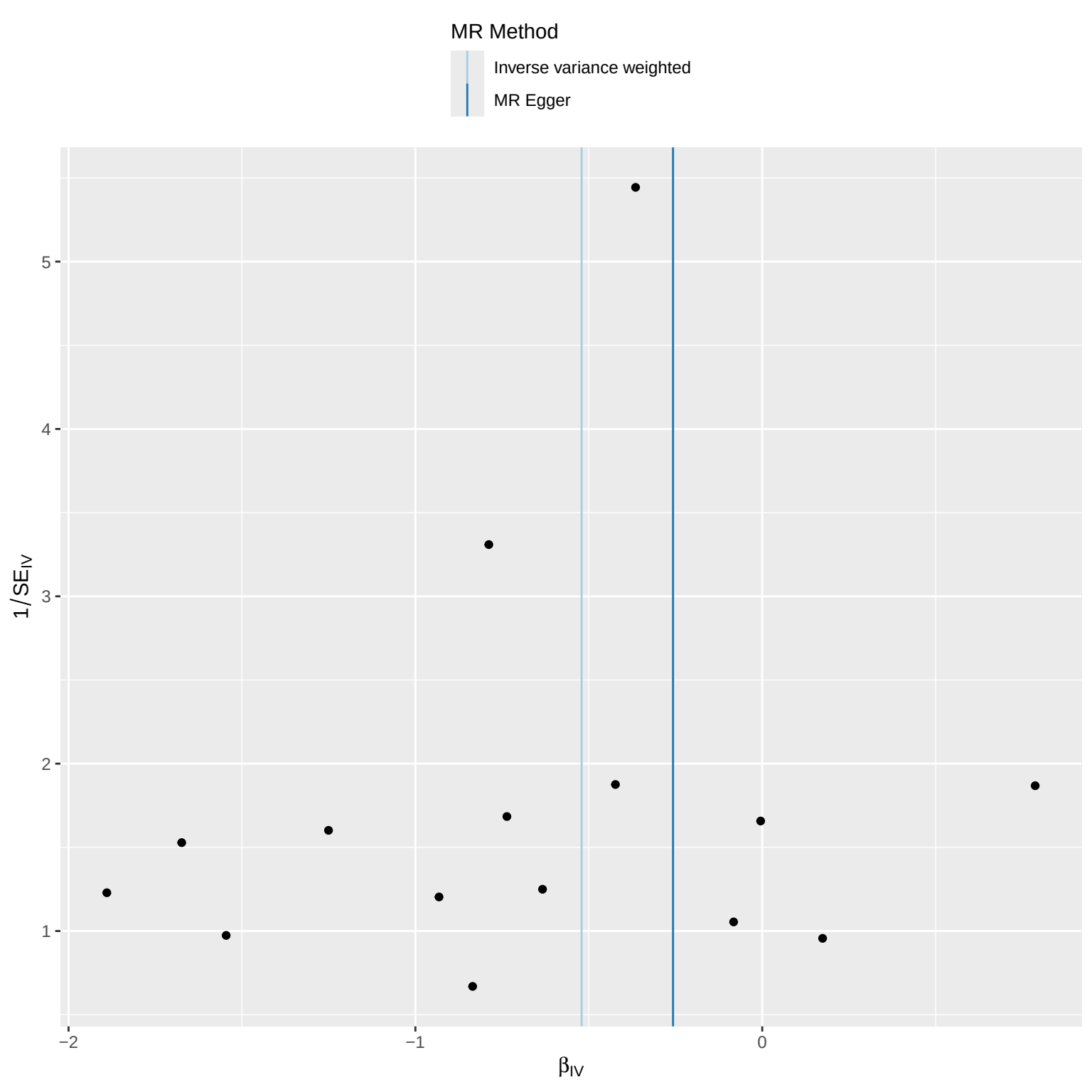

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

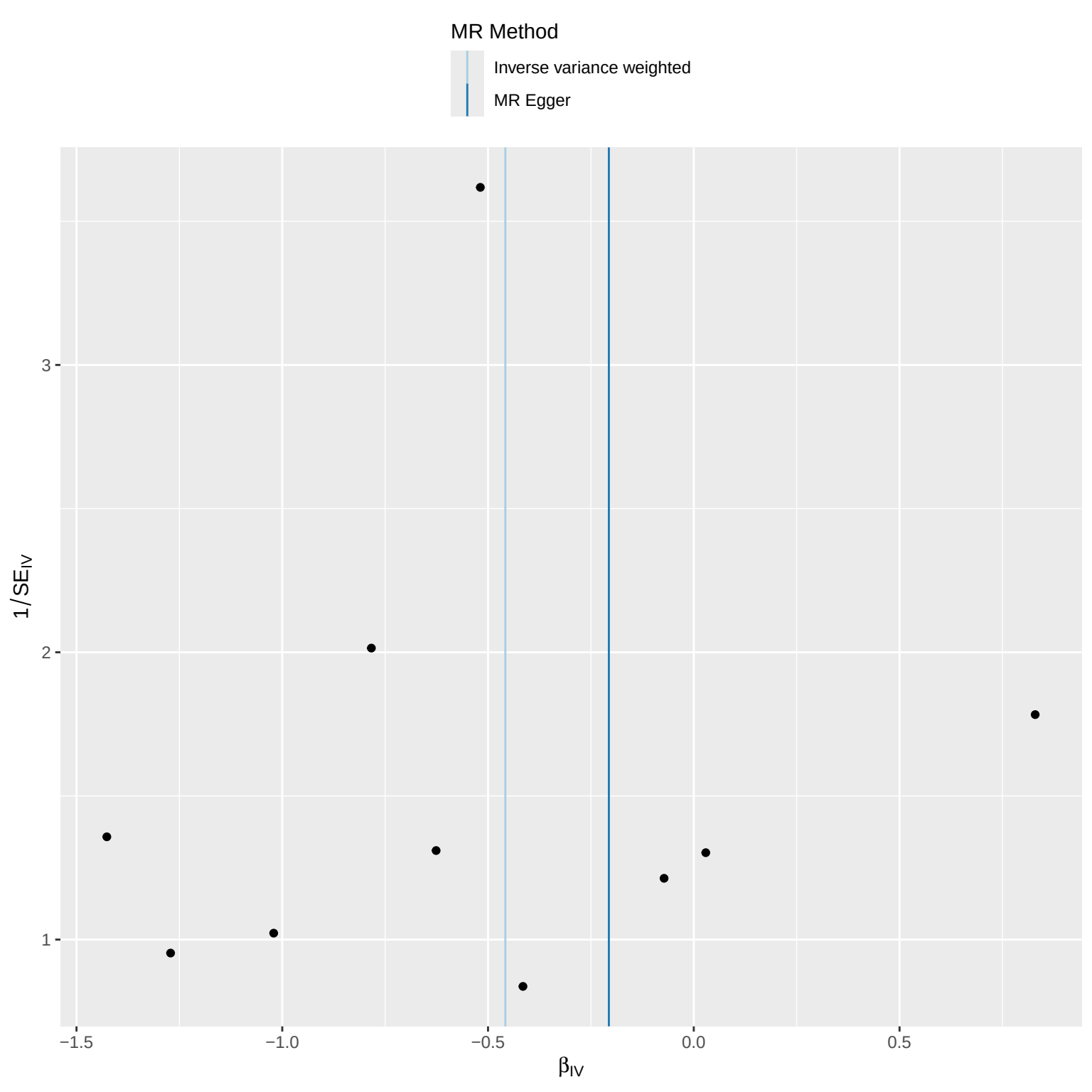

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

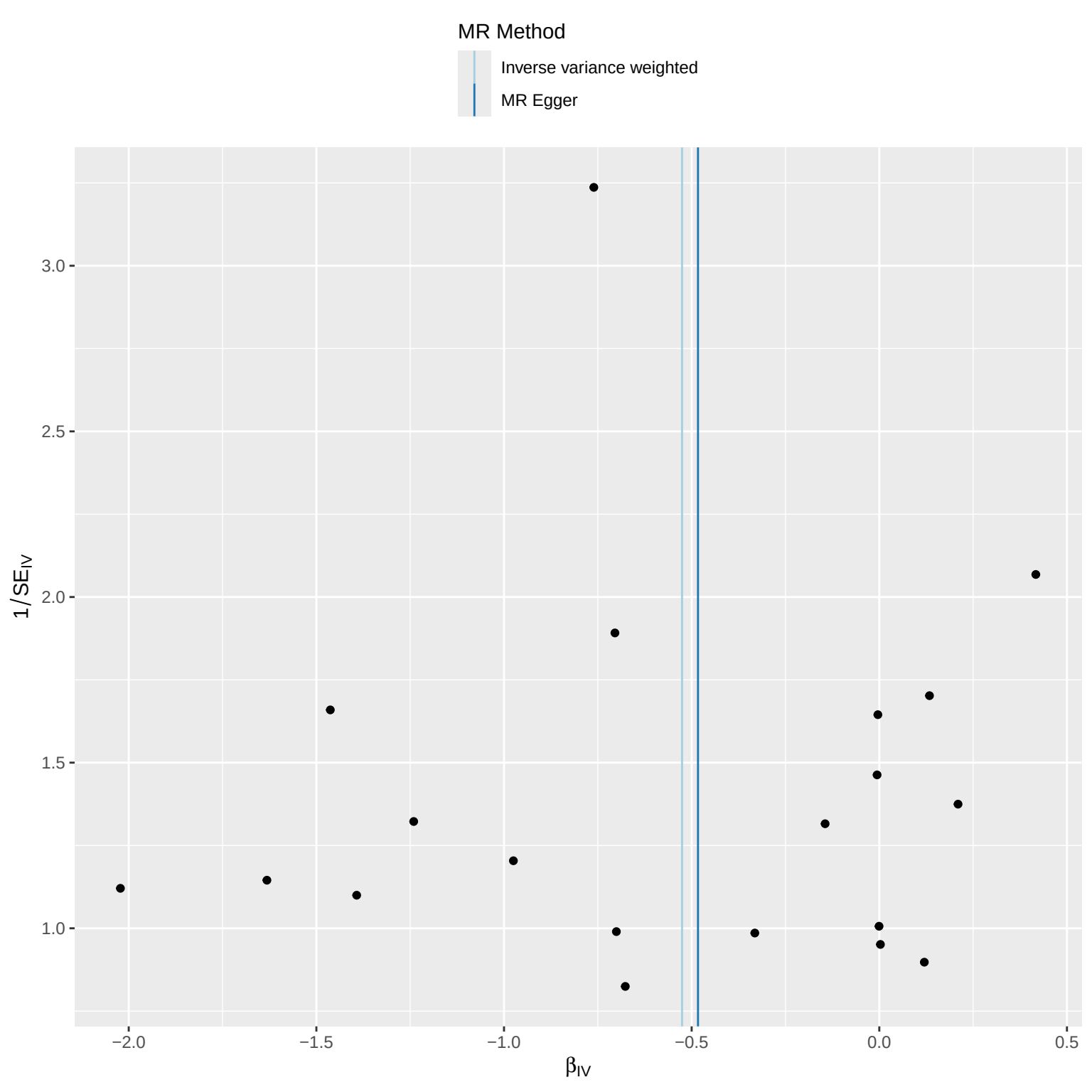

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−3.0
−2.5
−2.0
−1.5
−1.0
β_IV

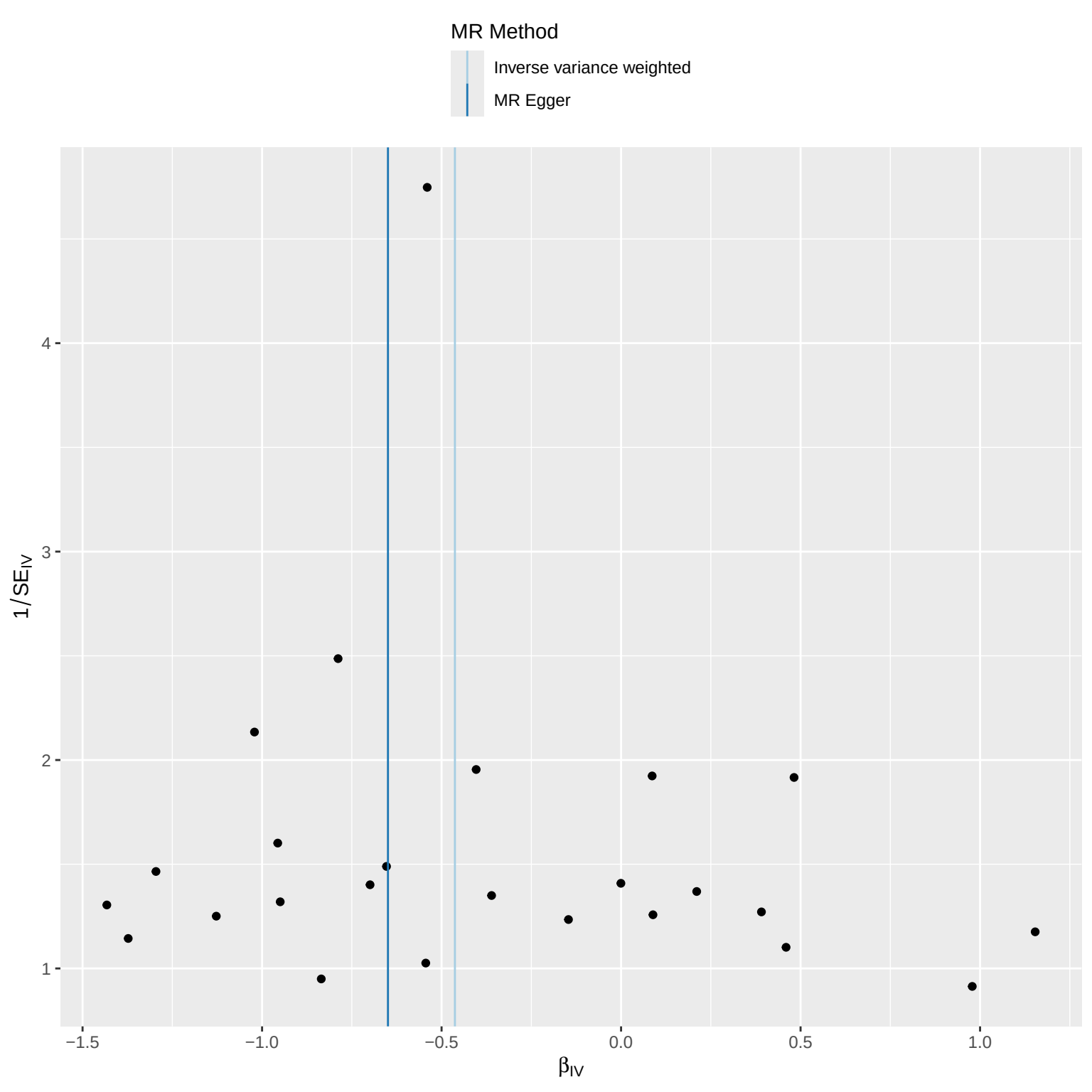

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
−2
−1
0
1
β_IV

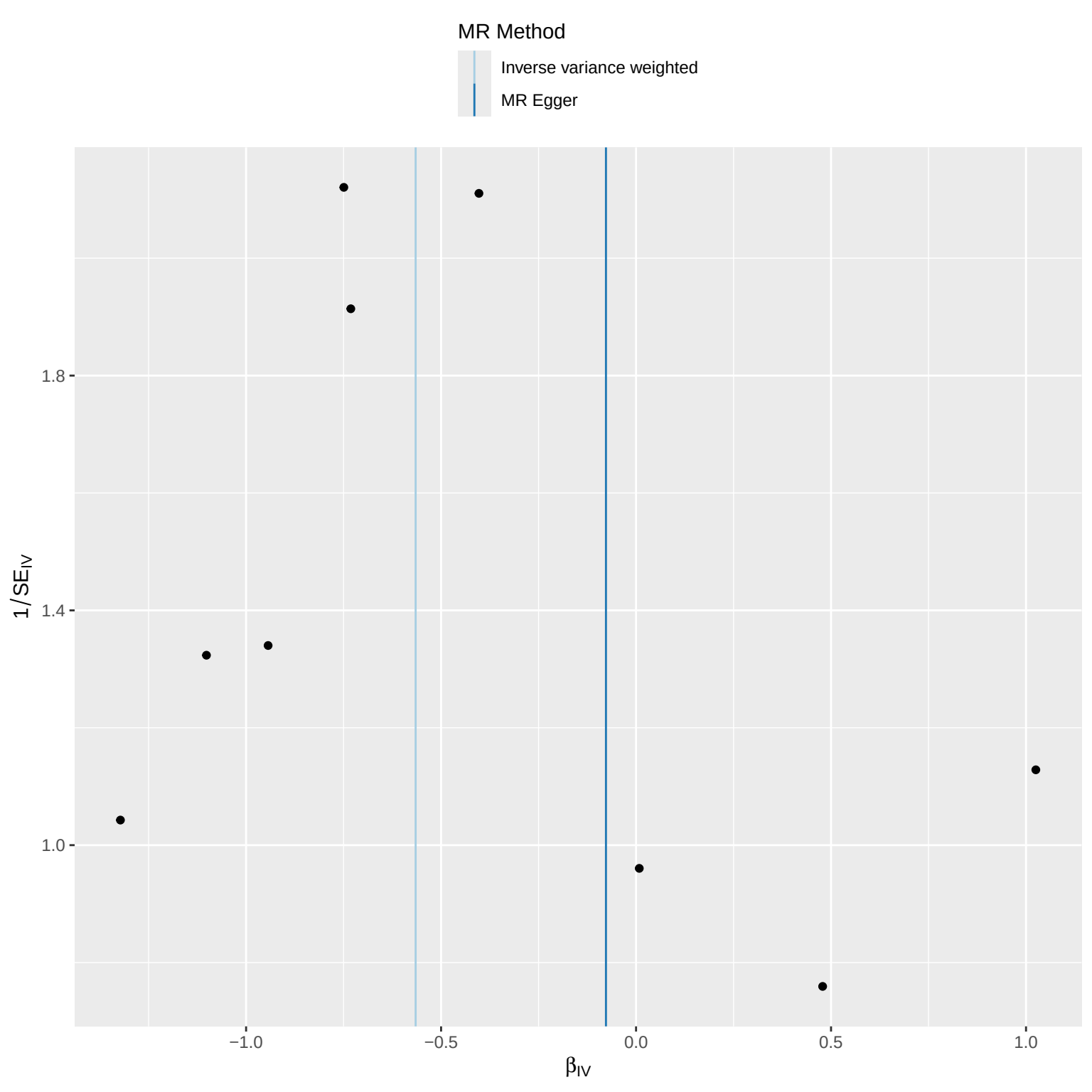

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
2
β_IV

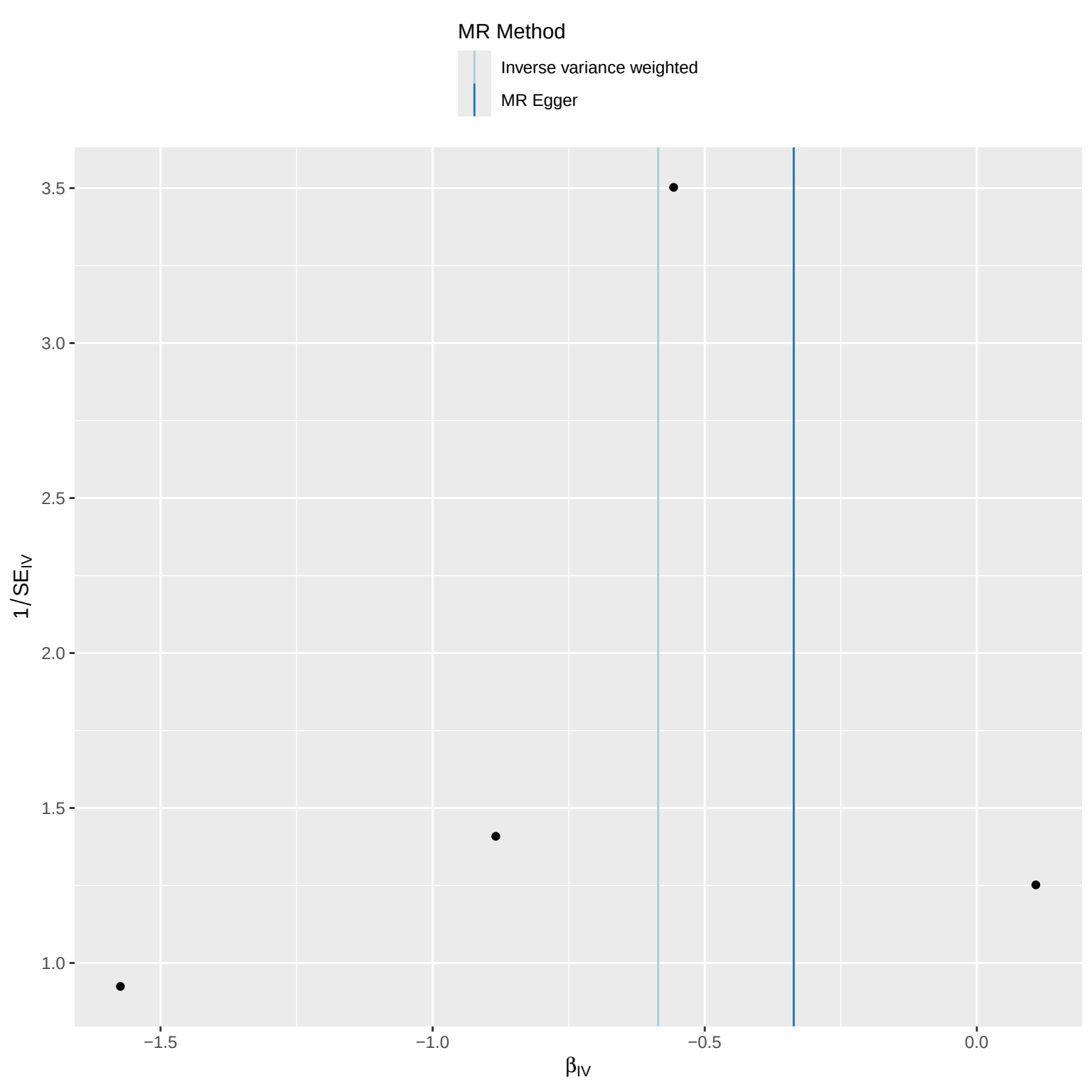

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

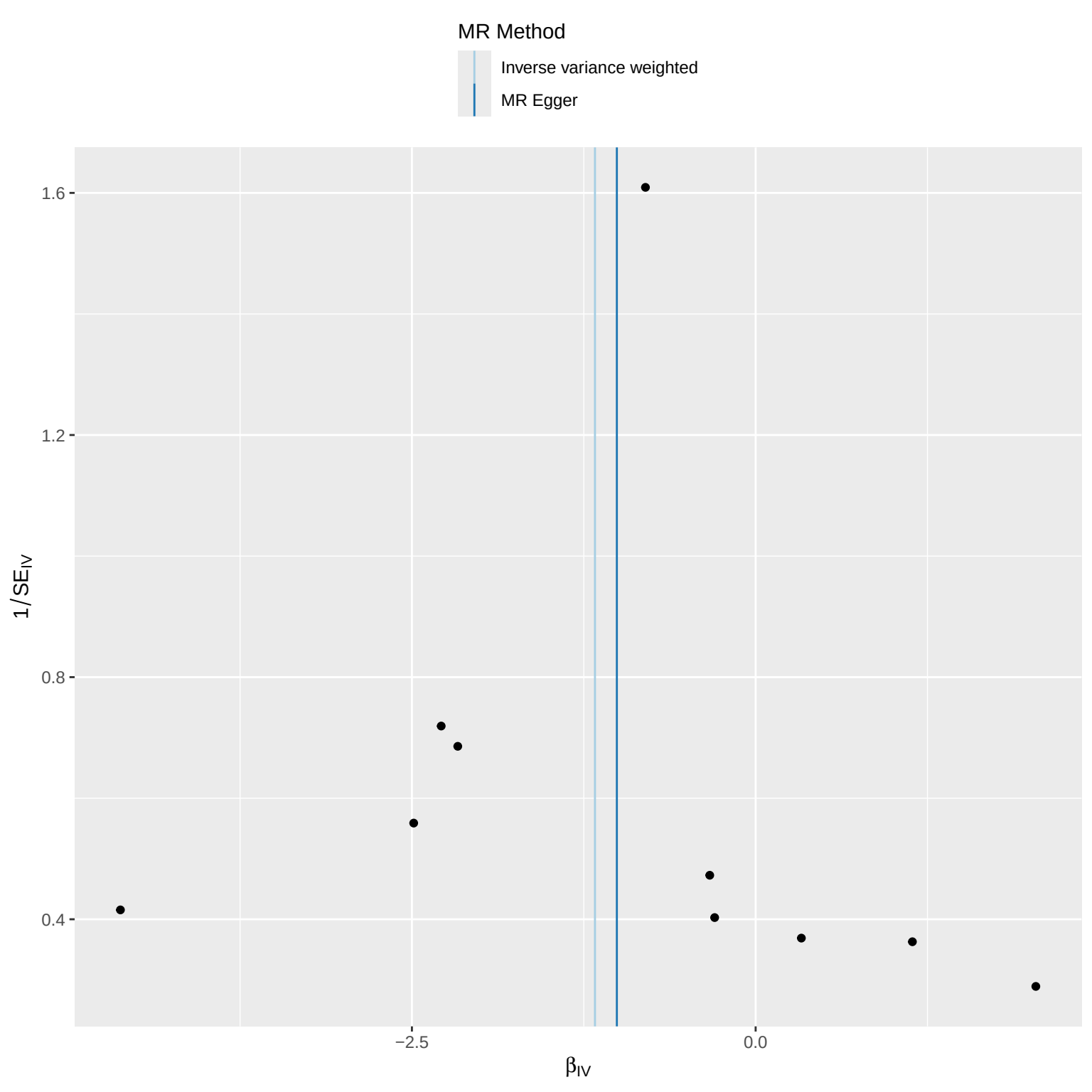

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

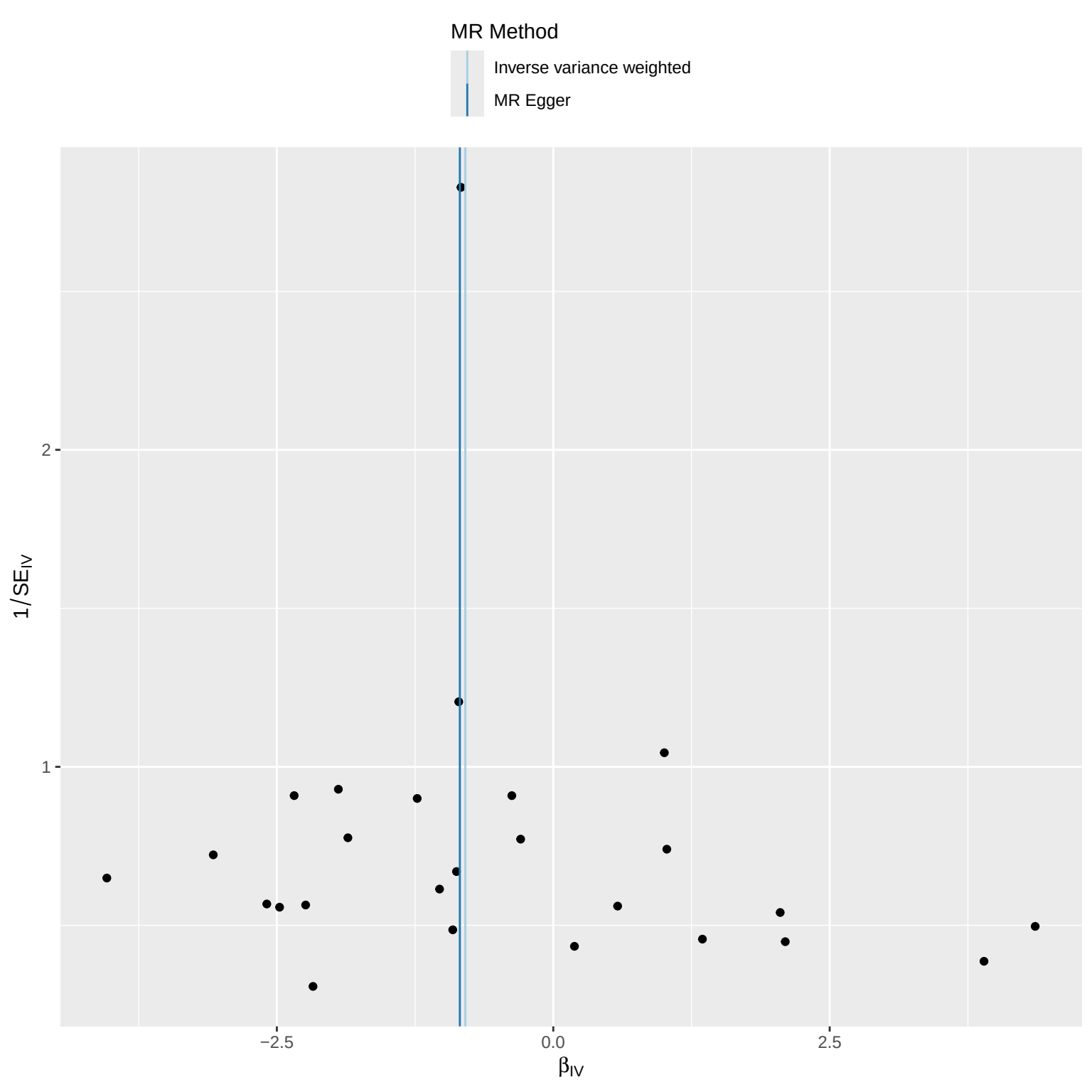

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

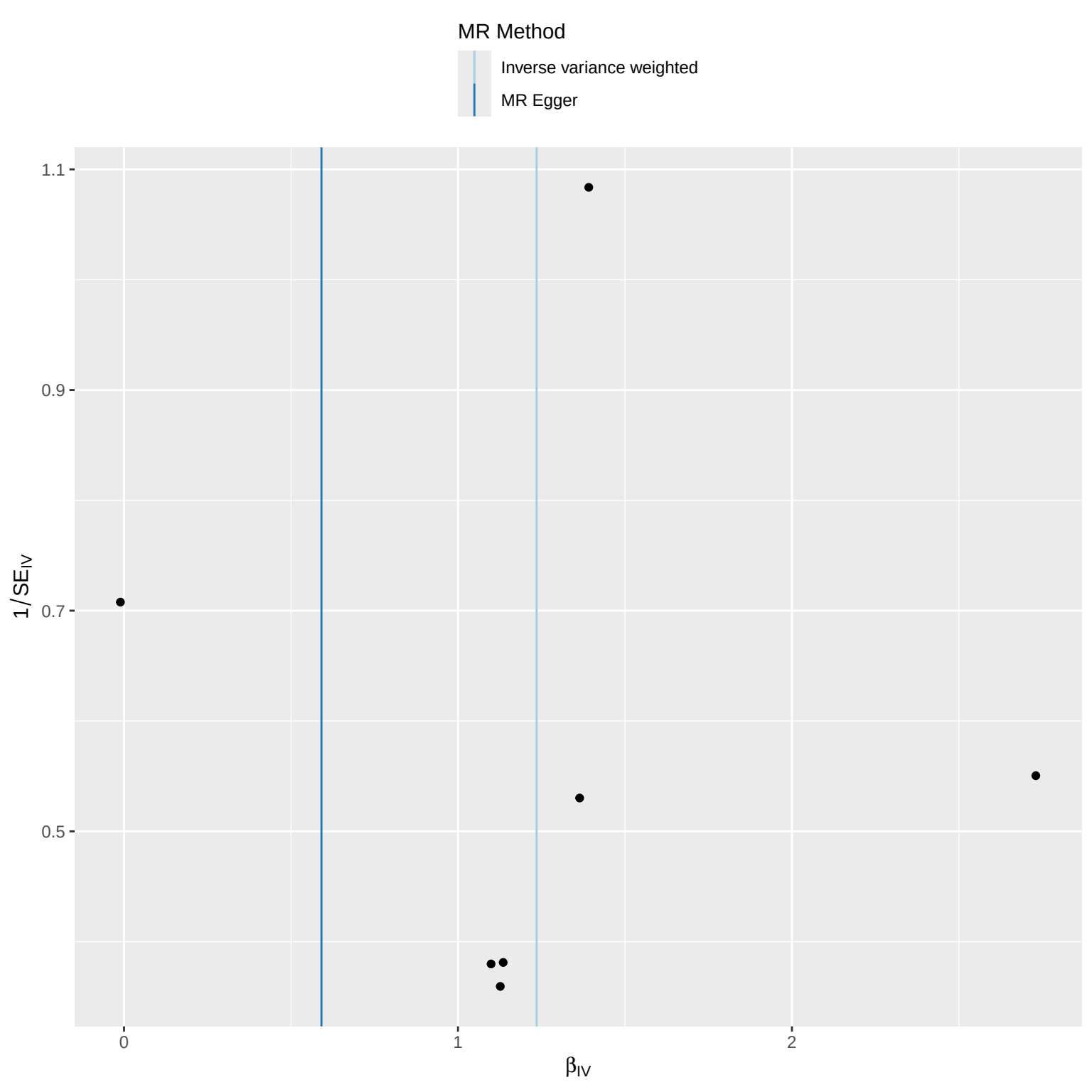

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

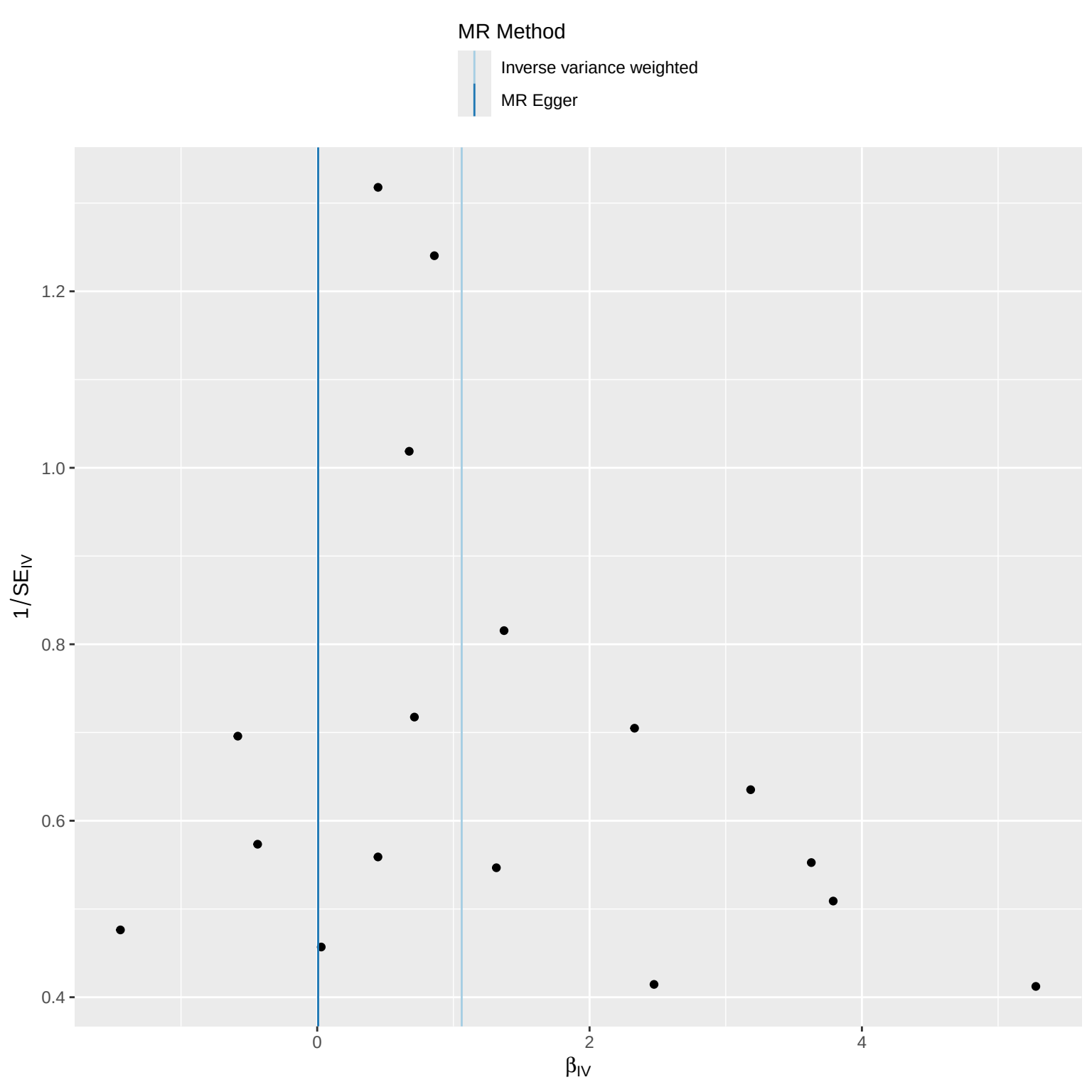

MR Method
Inverse variance weighted
MR Egger
1.8
1.4
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

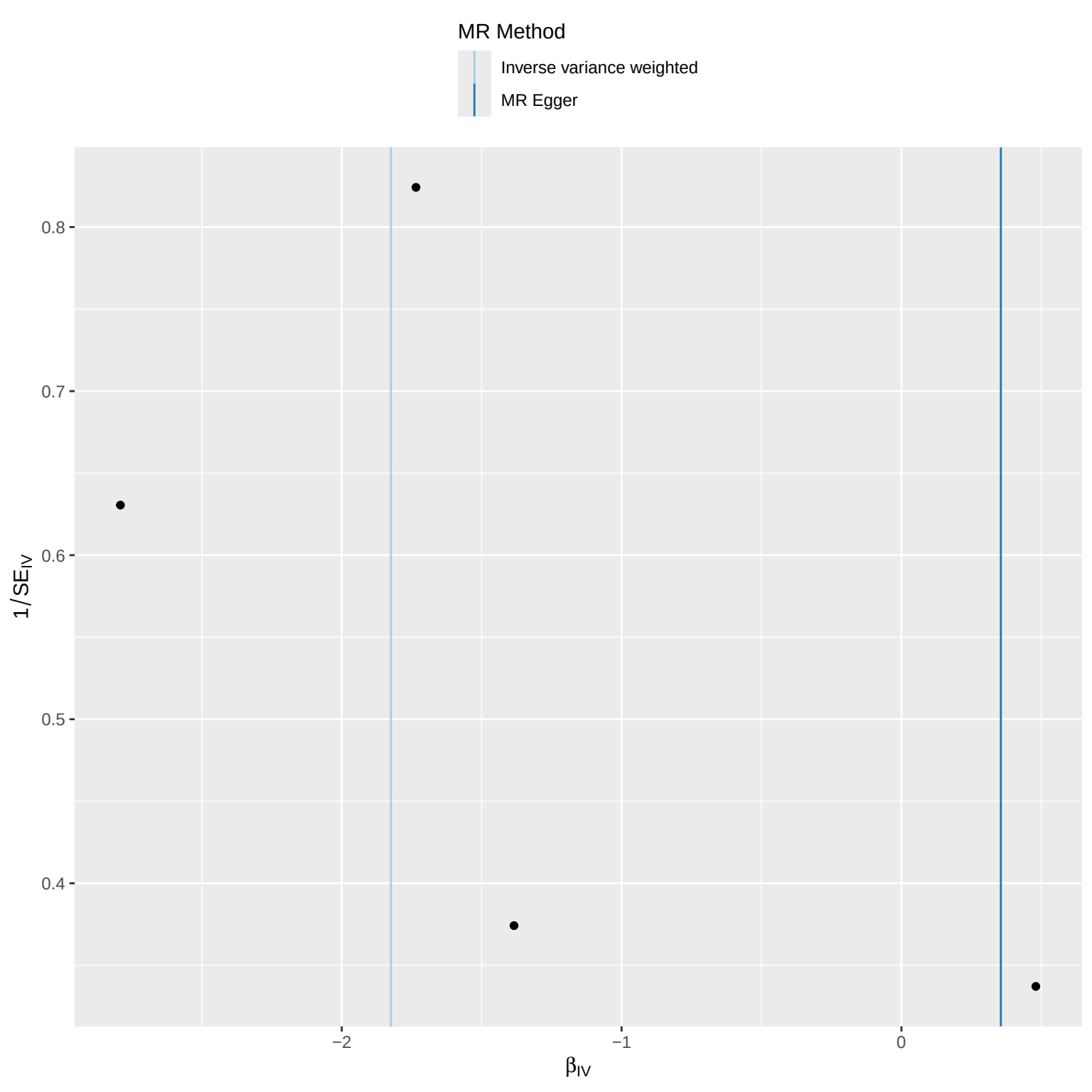

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

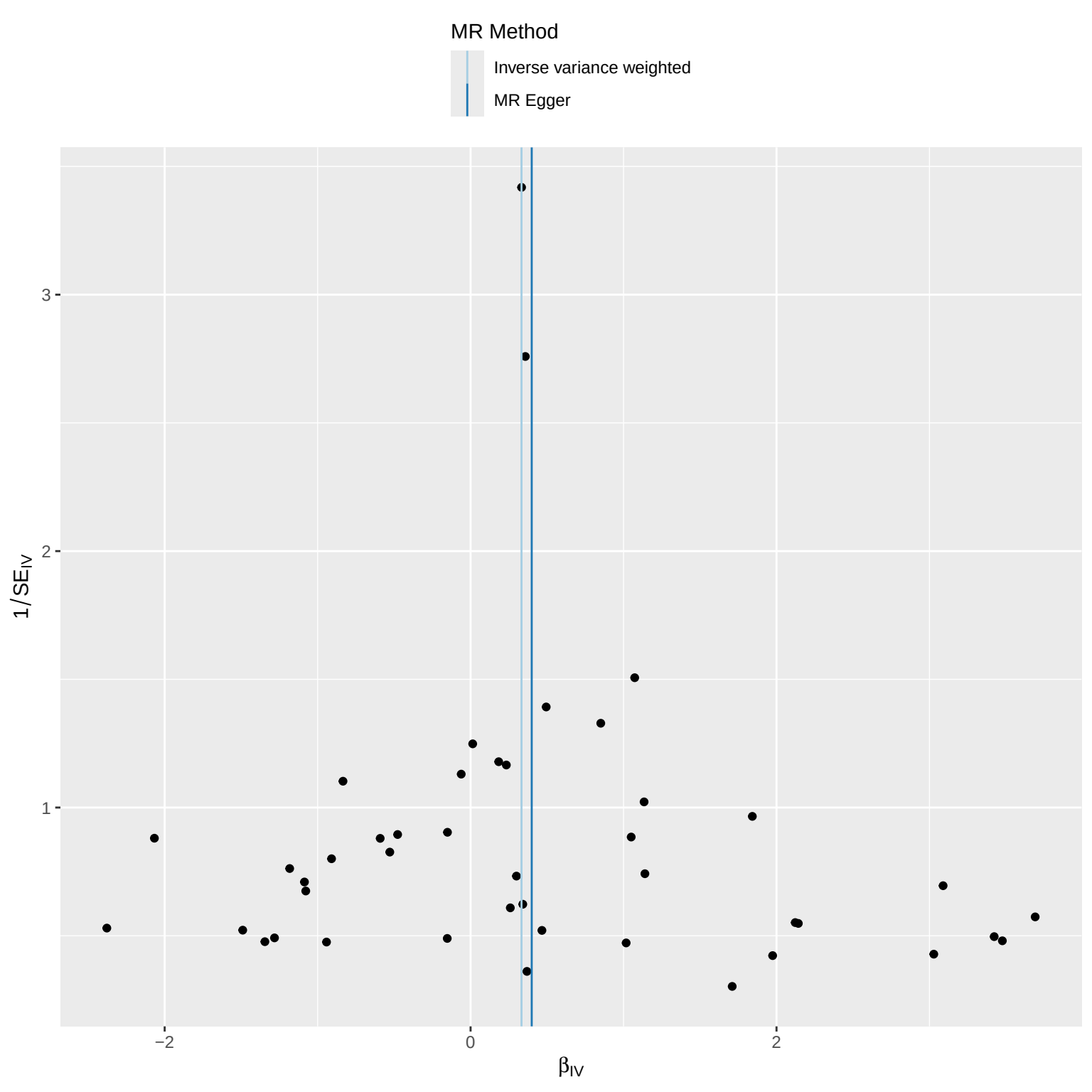

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2.5
0.0
β_IV

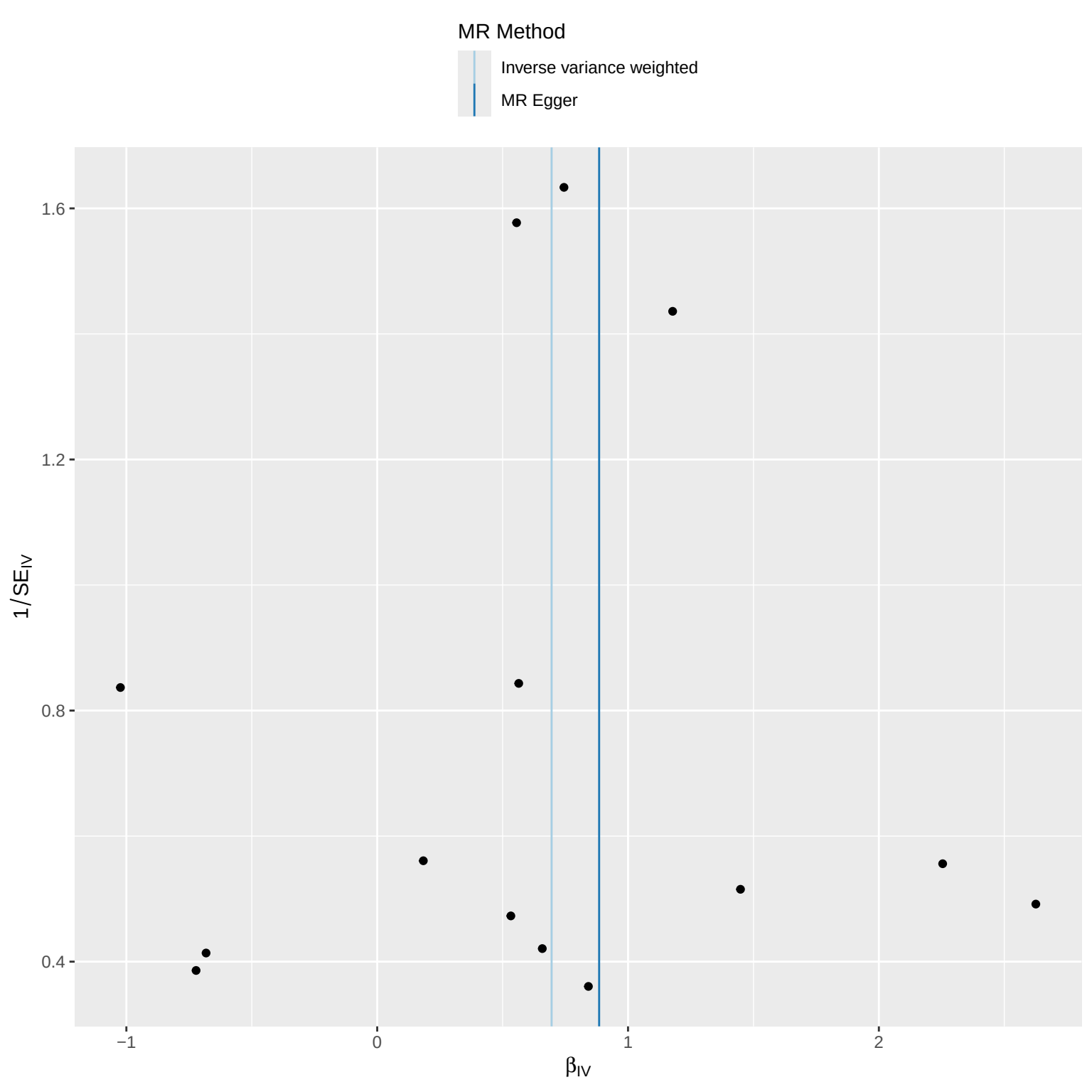

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

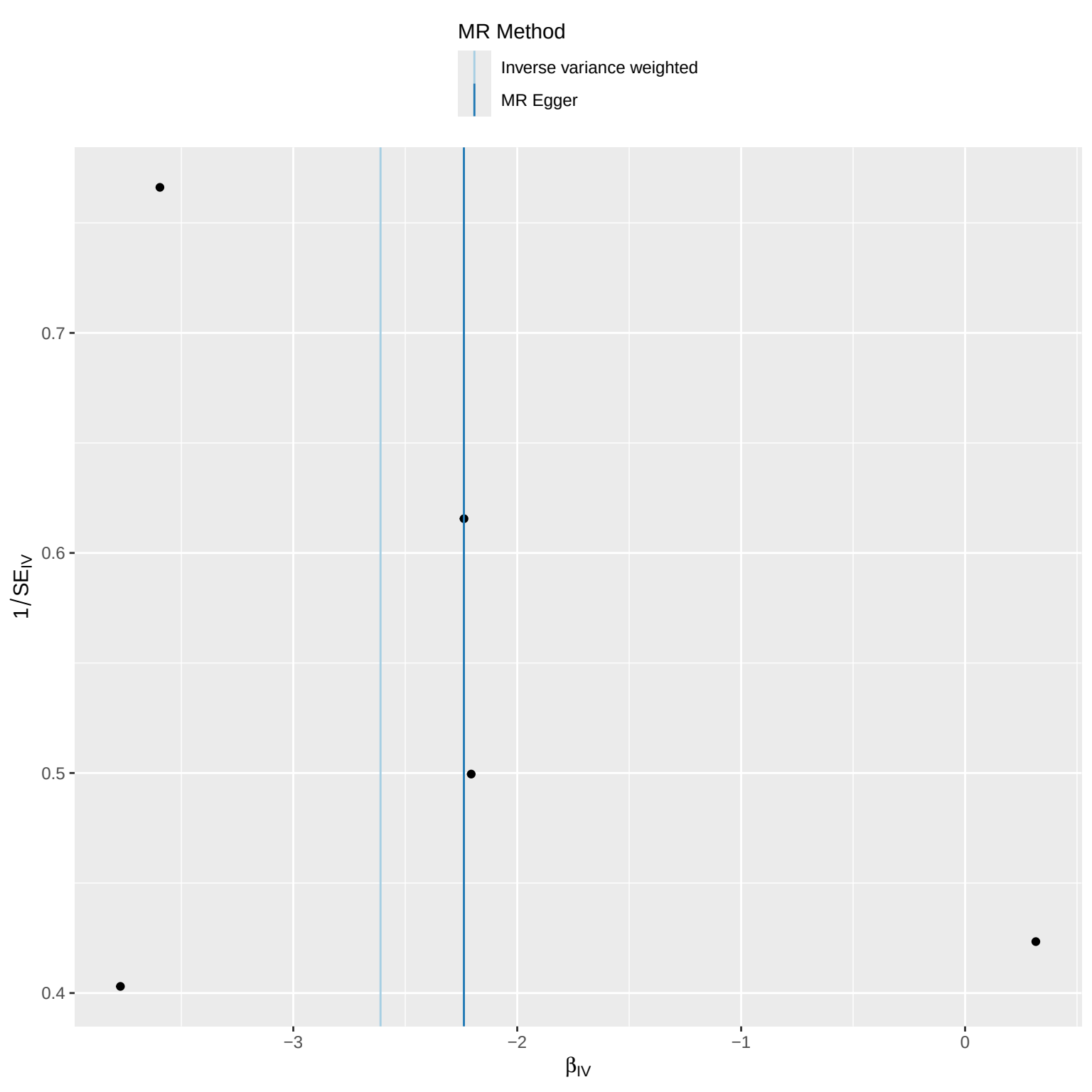

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
1/SE_IV
0
1
2
β_IV

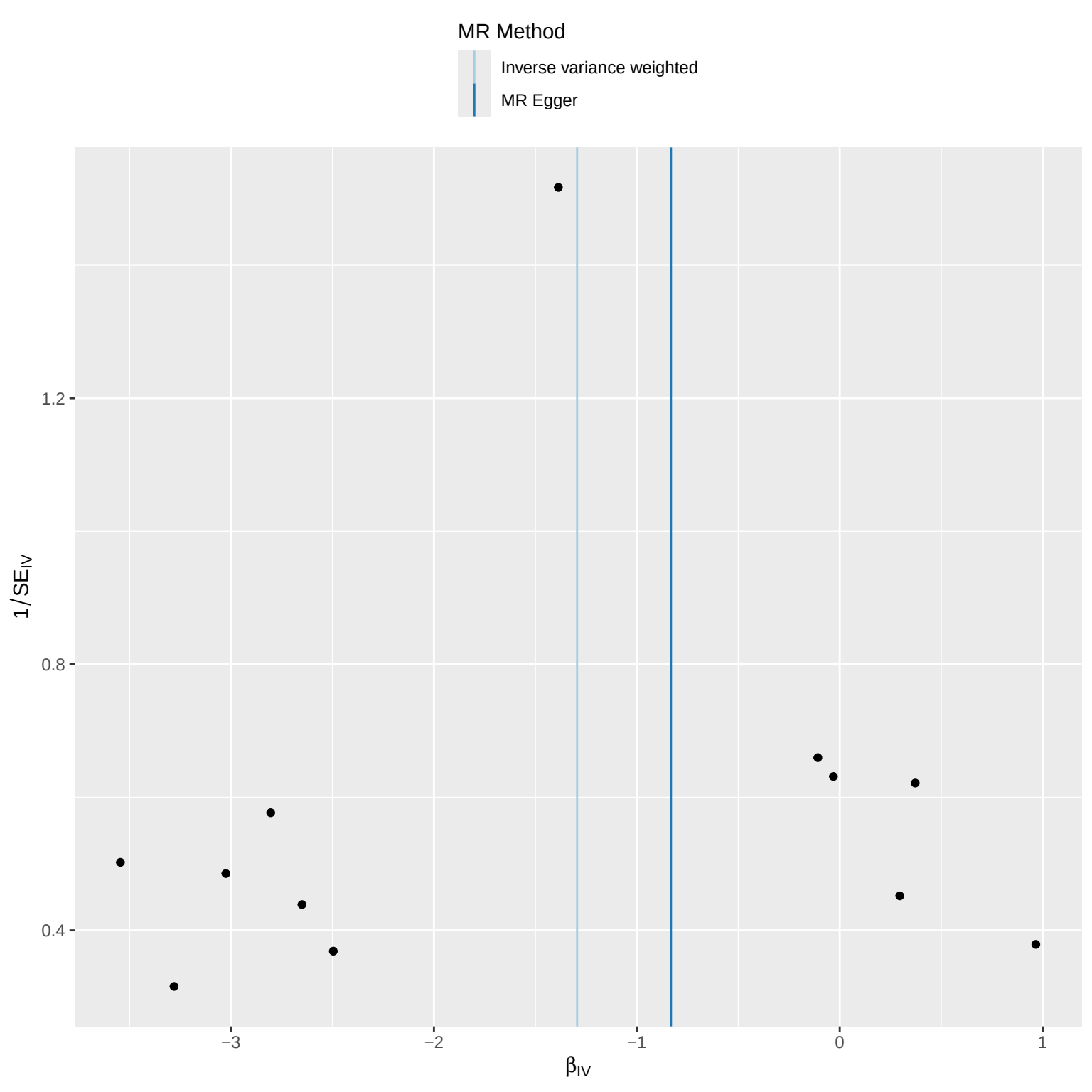

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
2
4
β_IV

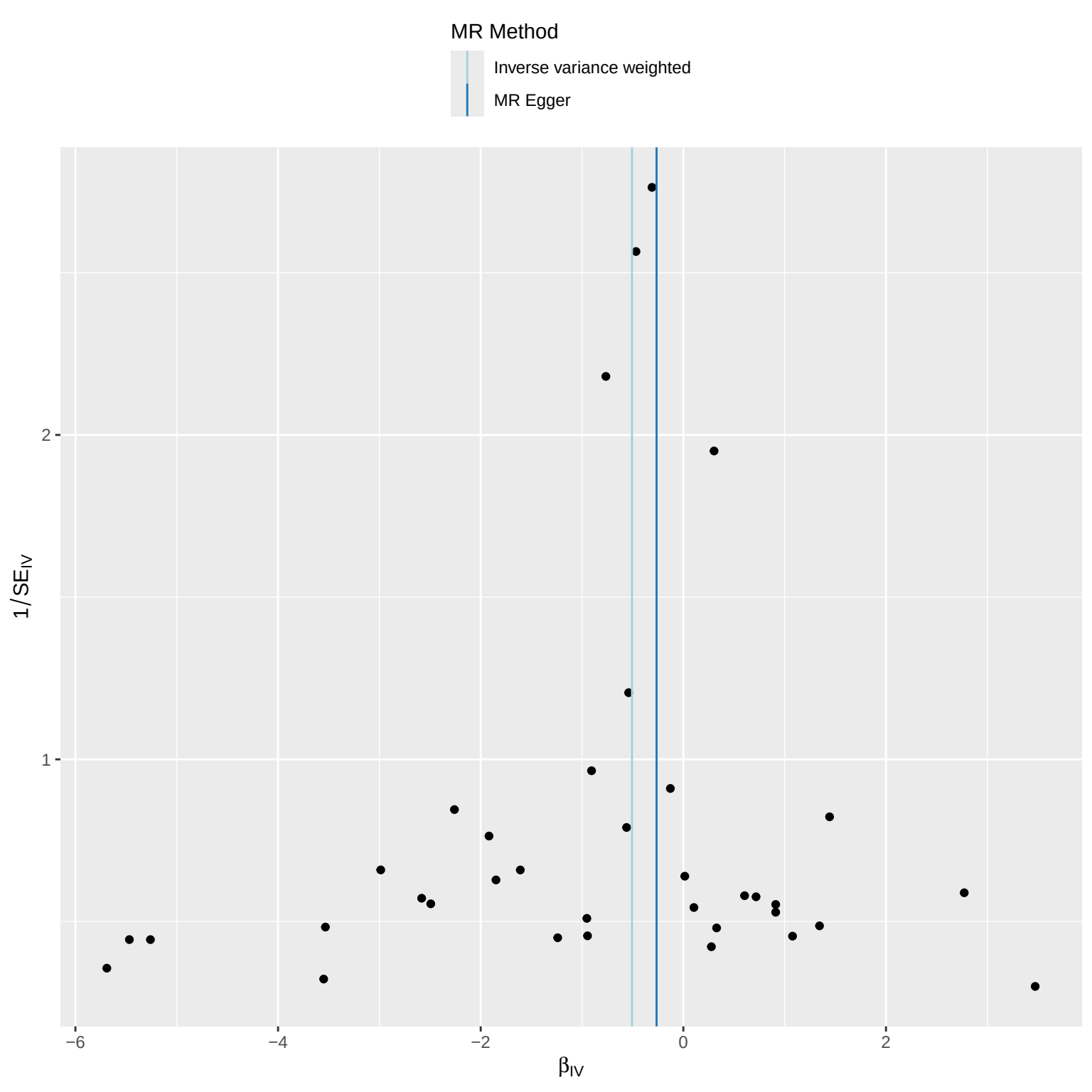

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−2
−1
0
β_IV

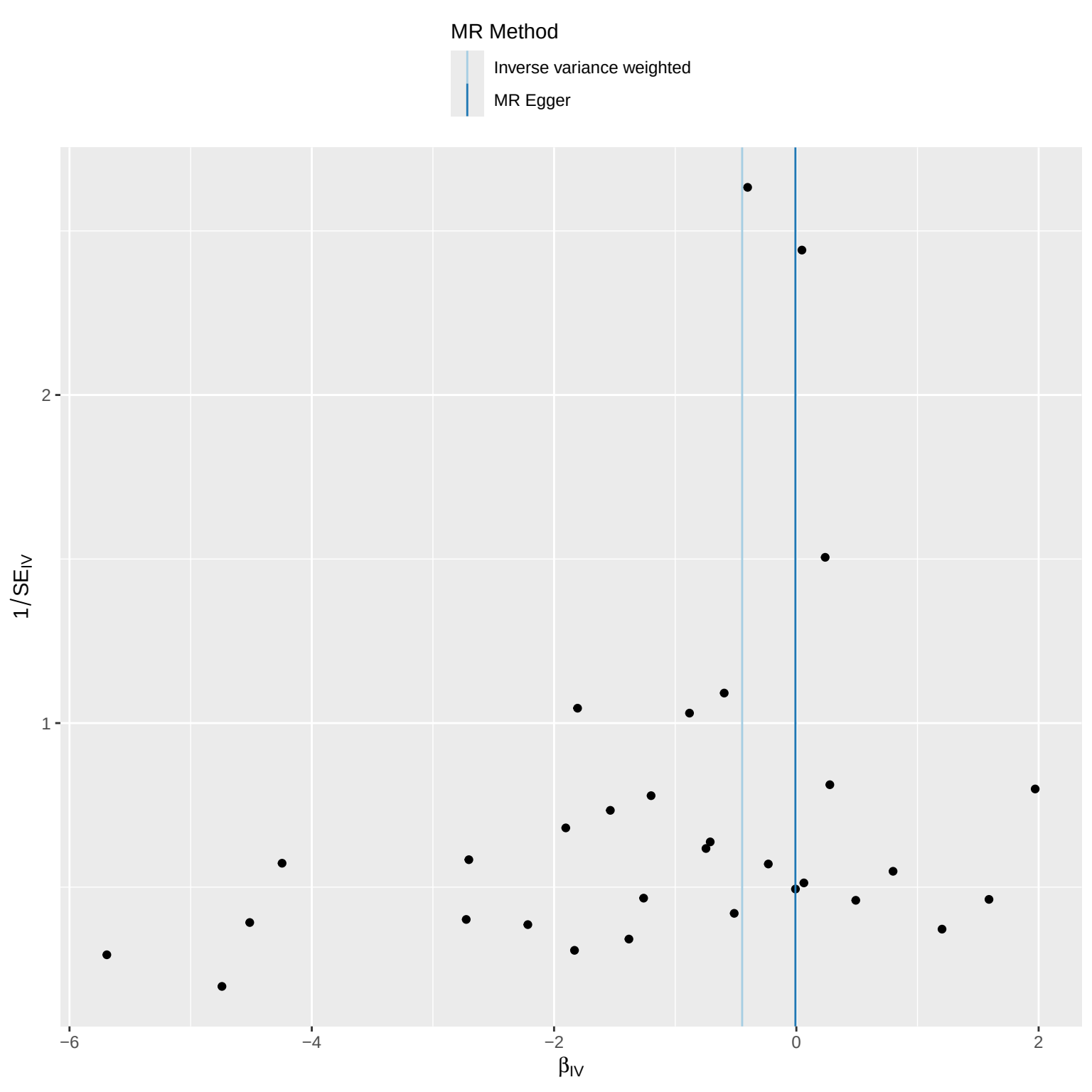

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

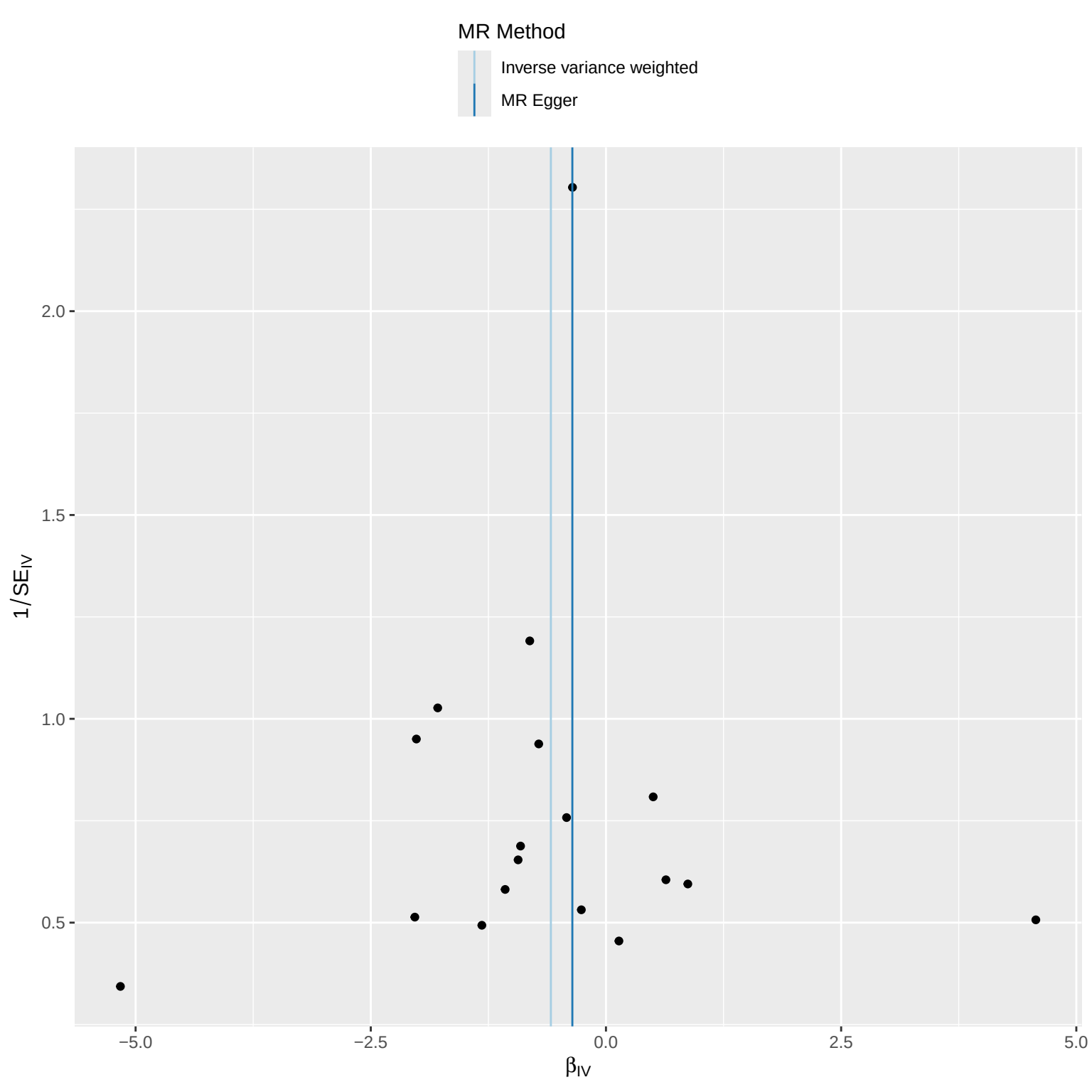

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
β_IV

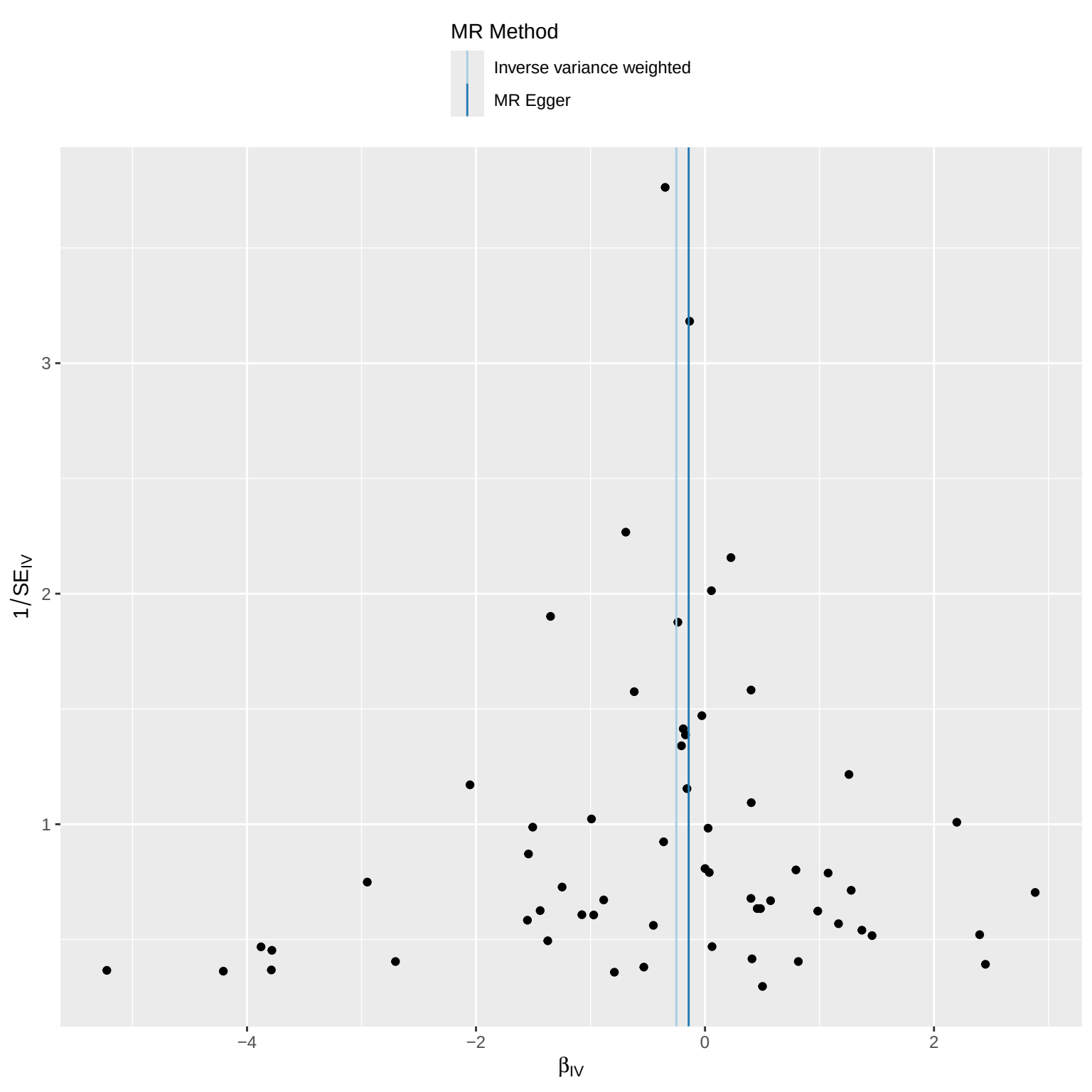

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
−3
−2
−1
0
β_IV

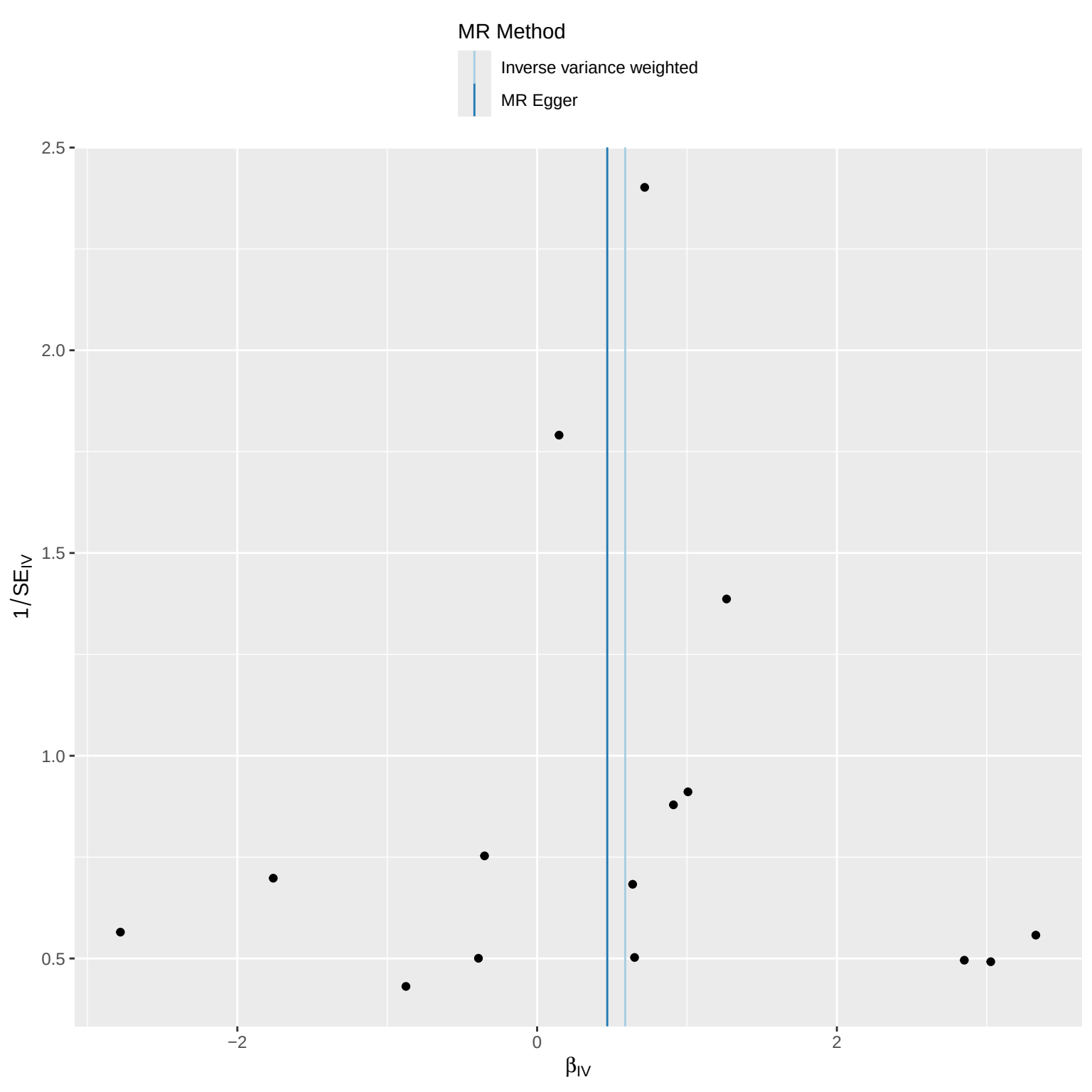

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

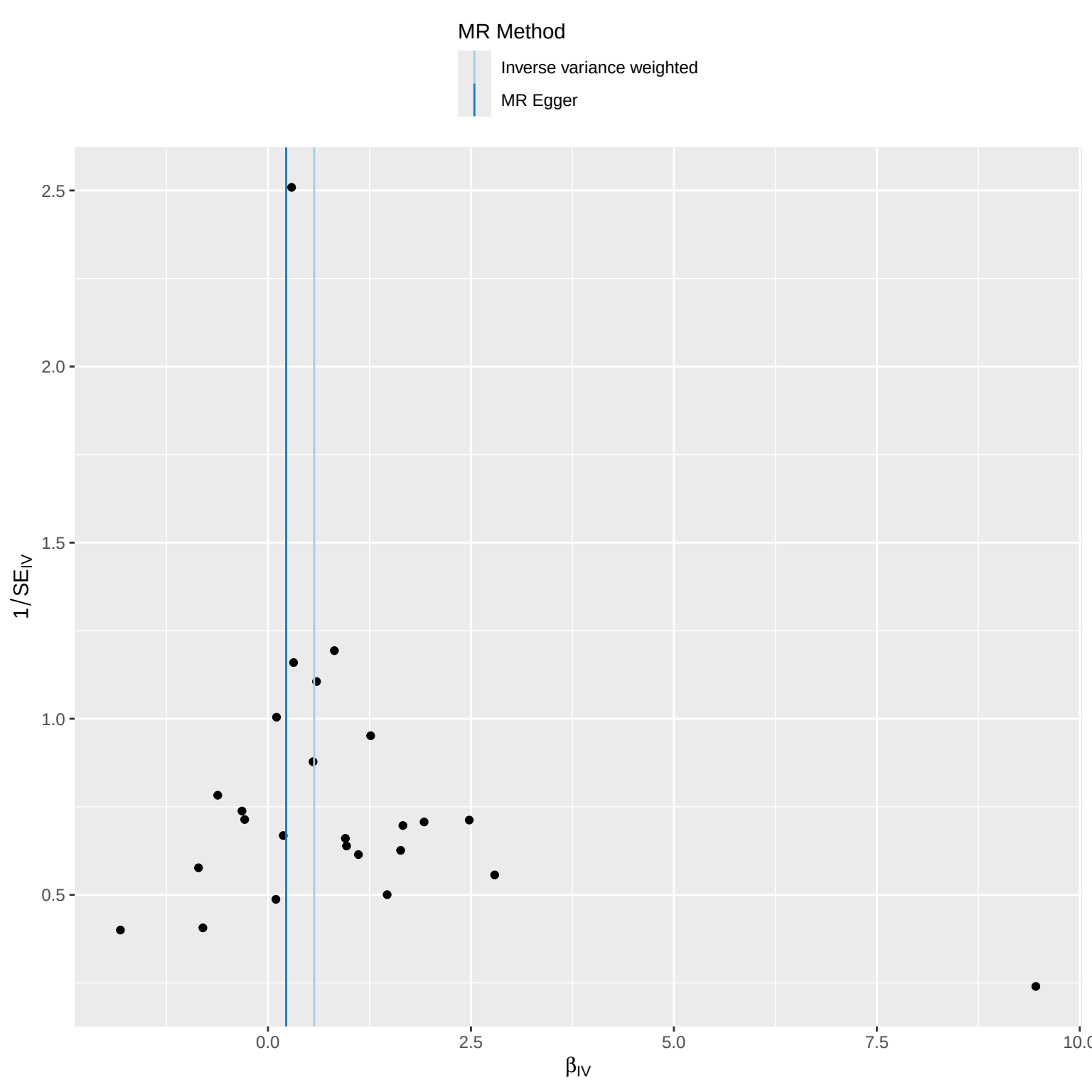

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

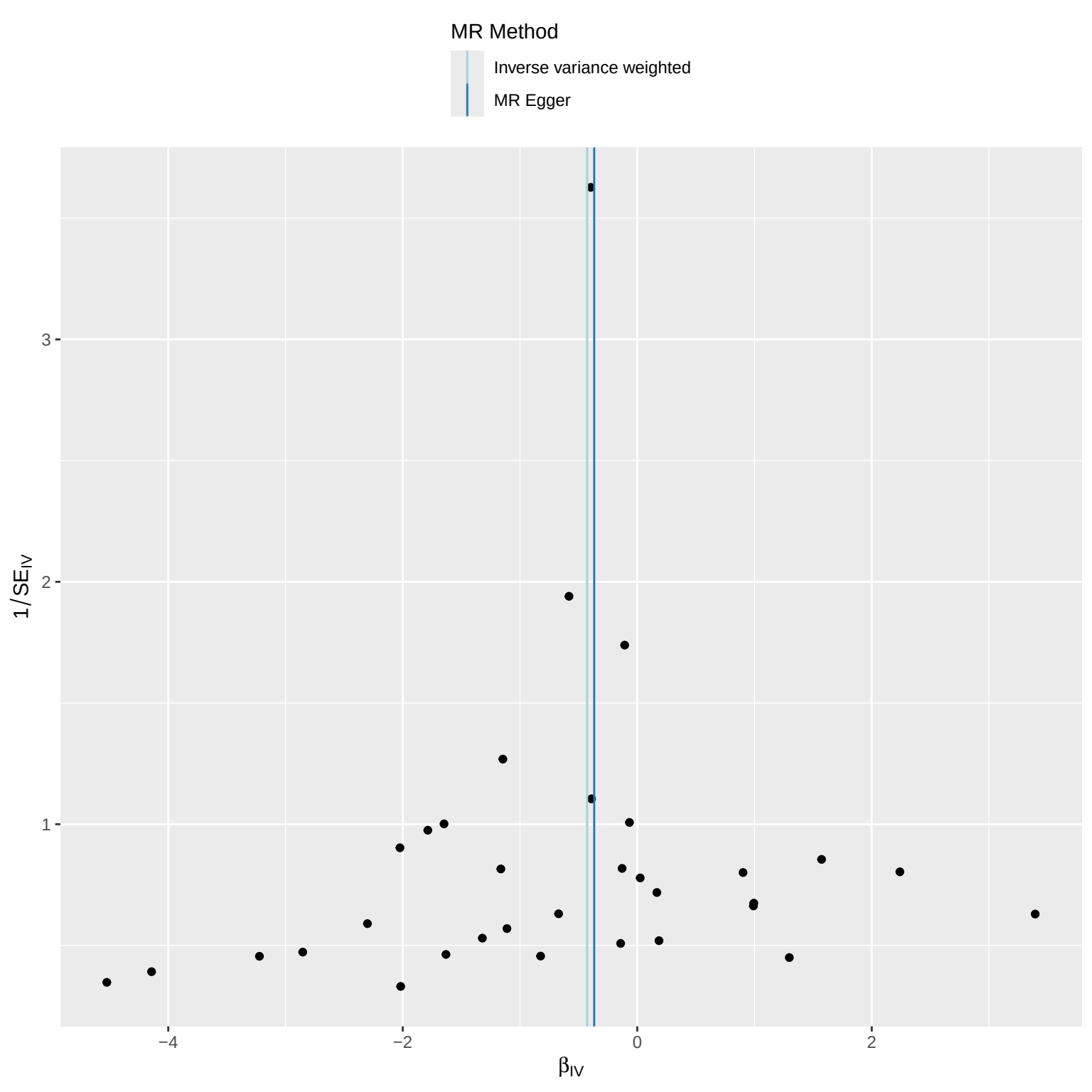

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

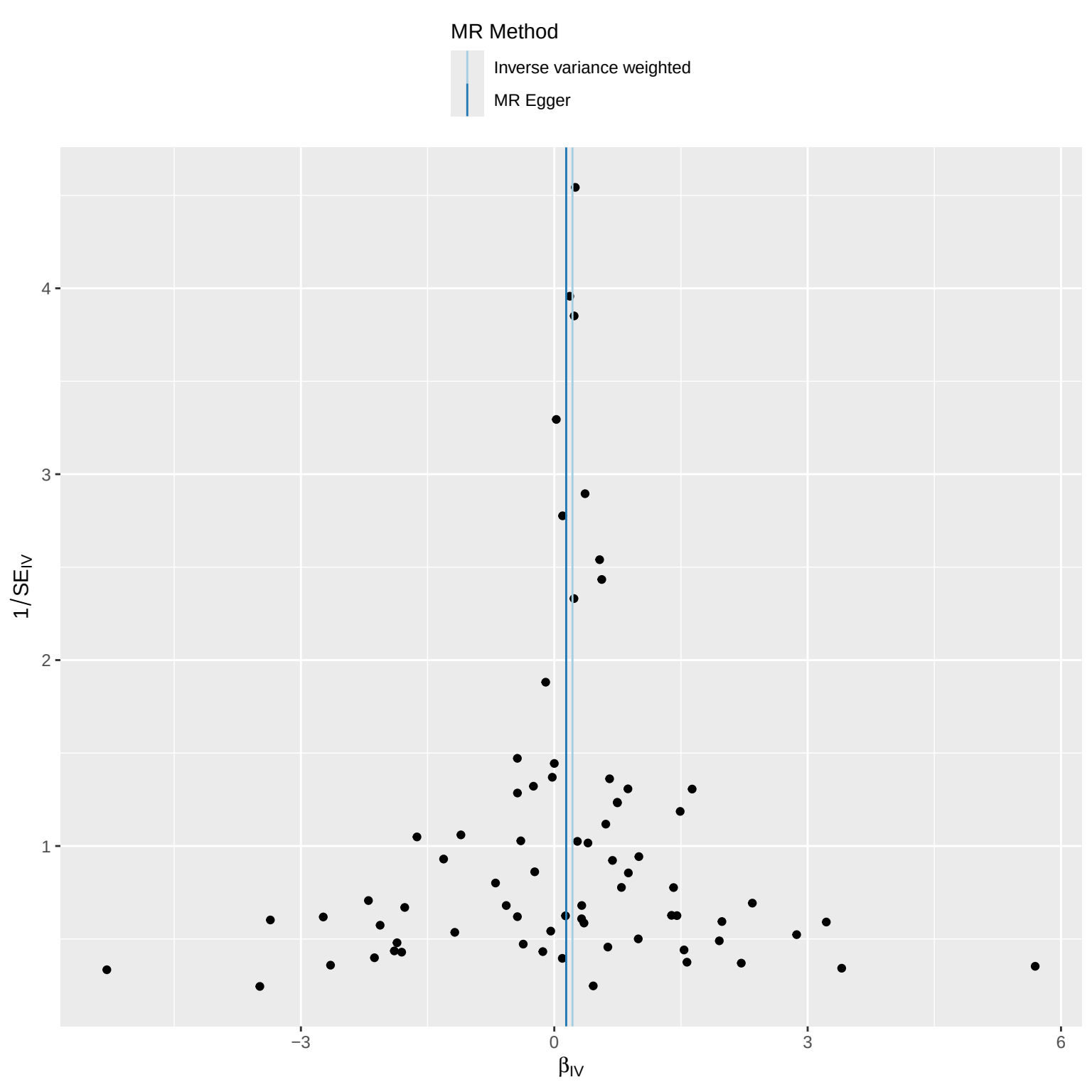

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

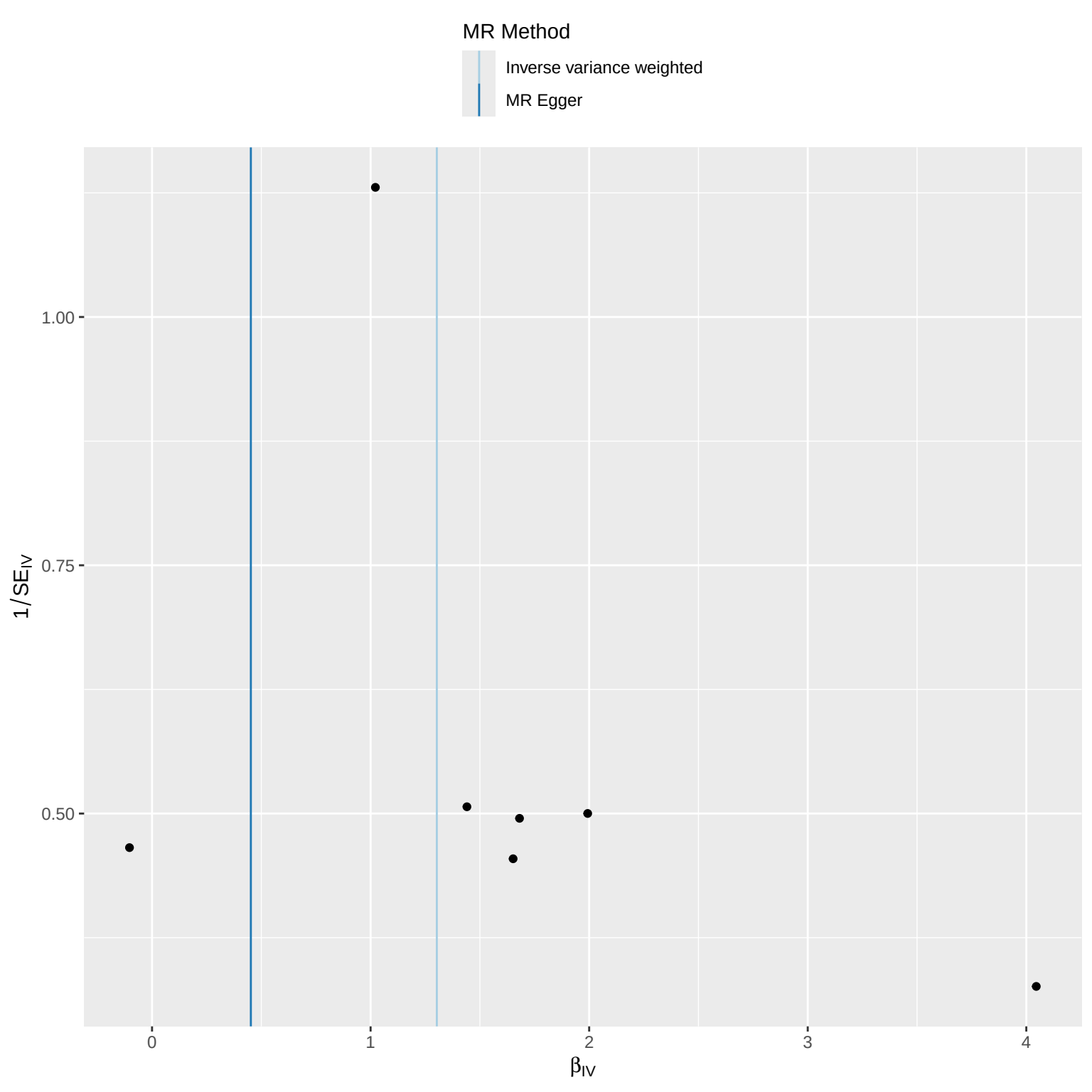

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

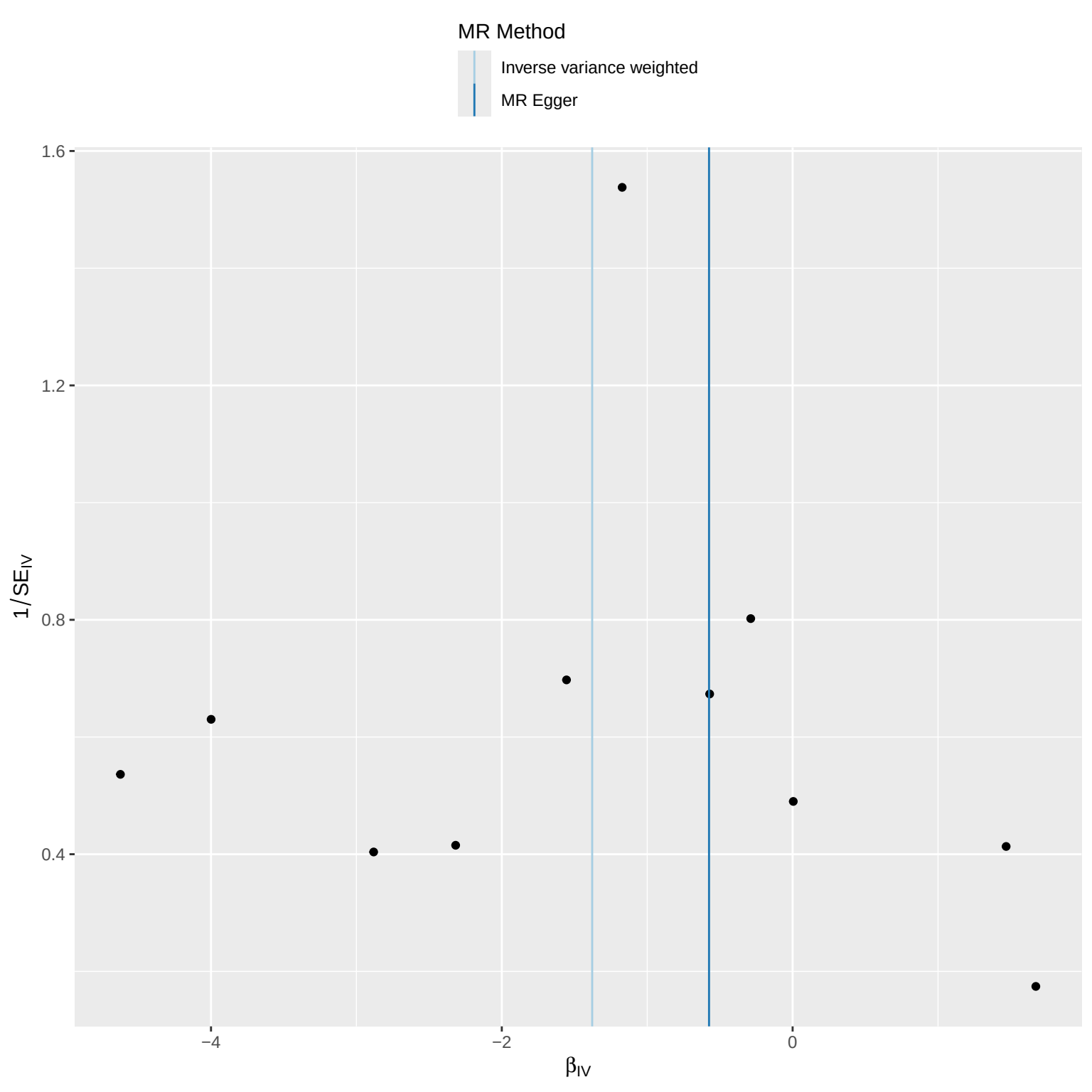

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

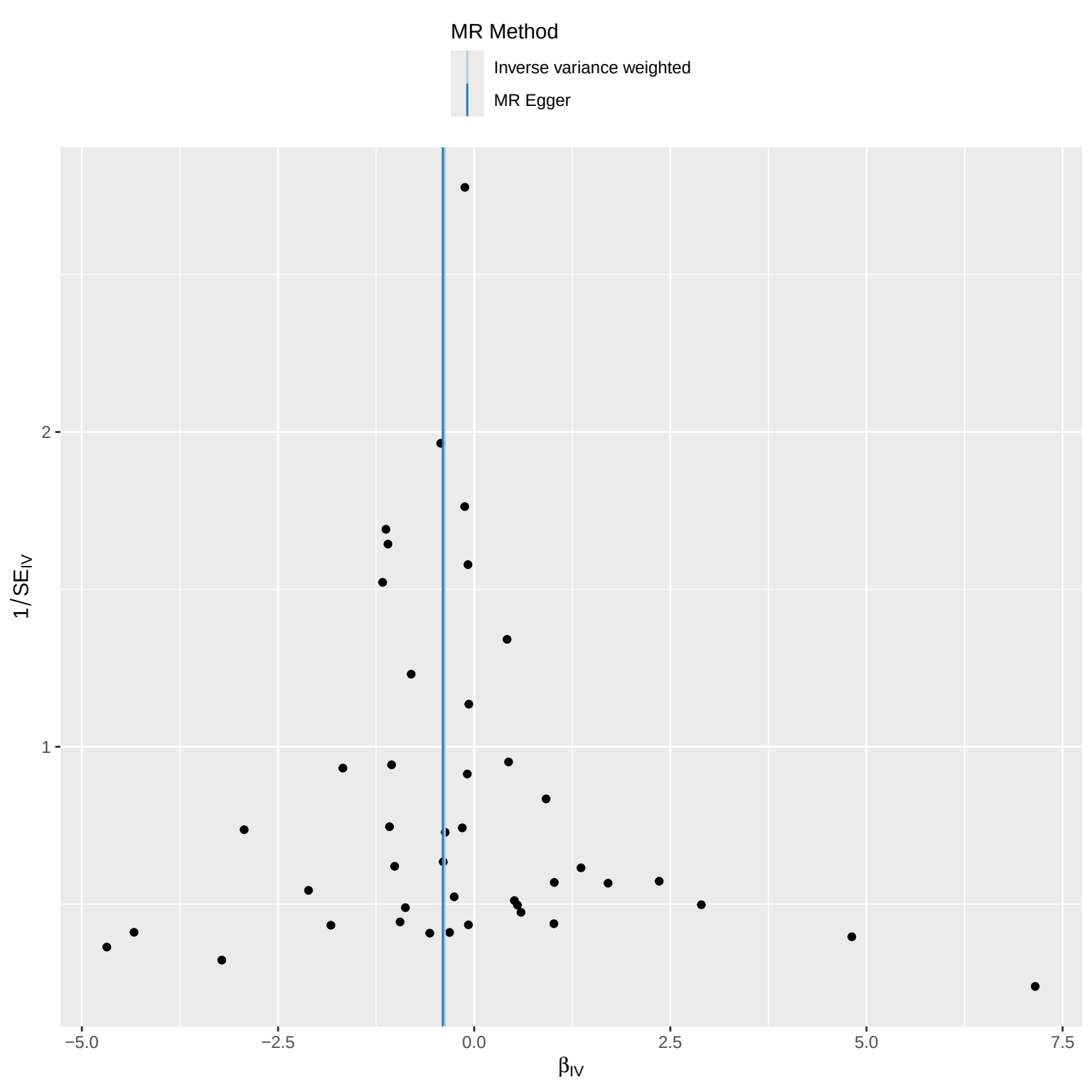

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0.0
2.5
5.0
7.5
10.0
β_IV

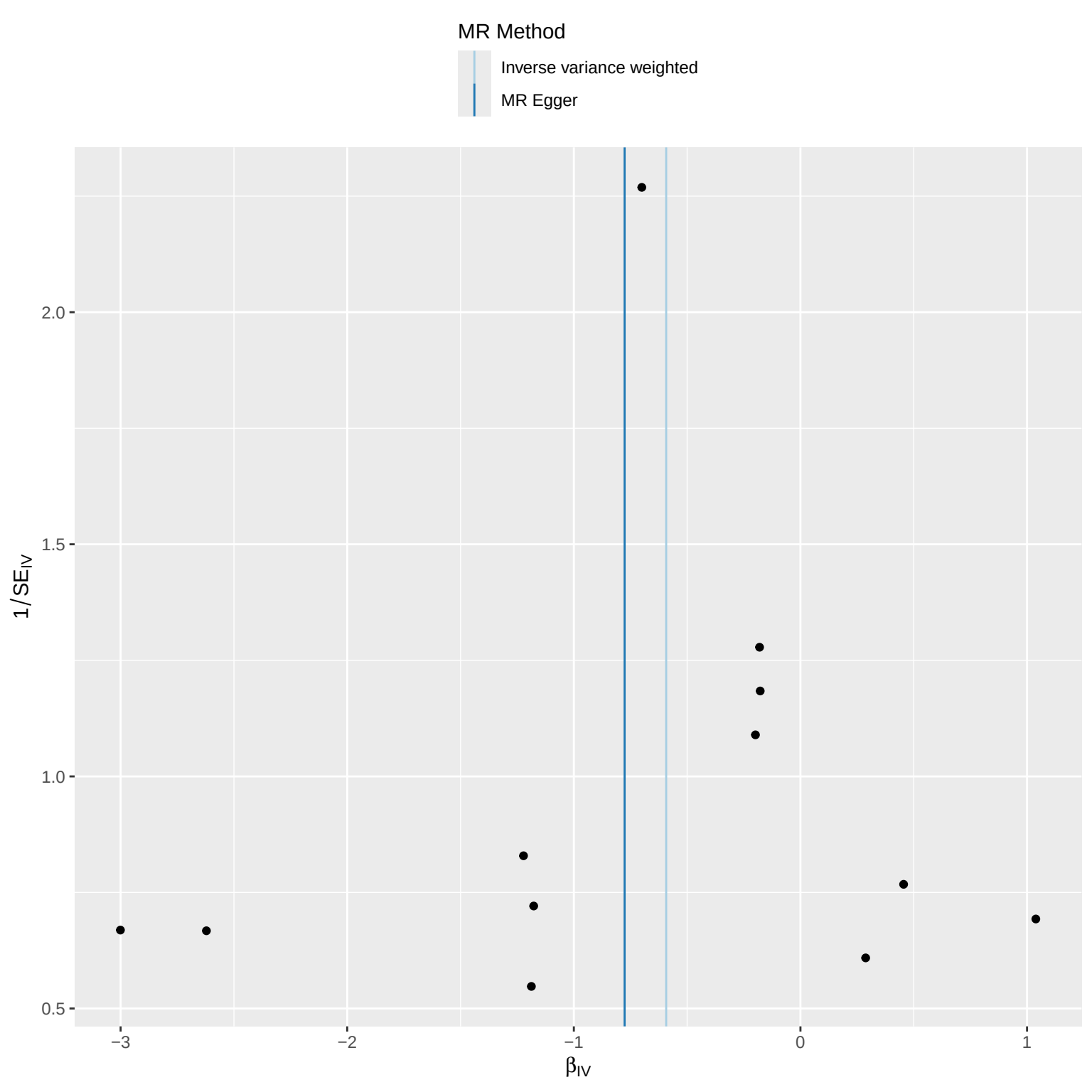

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

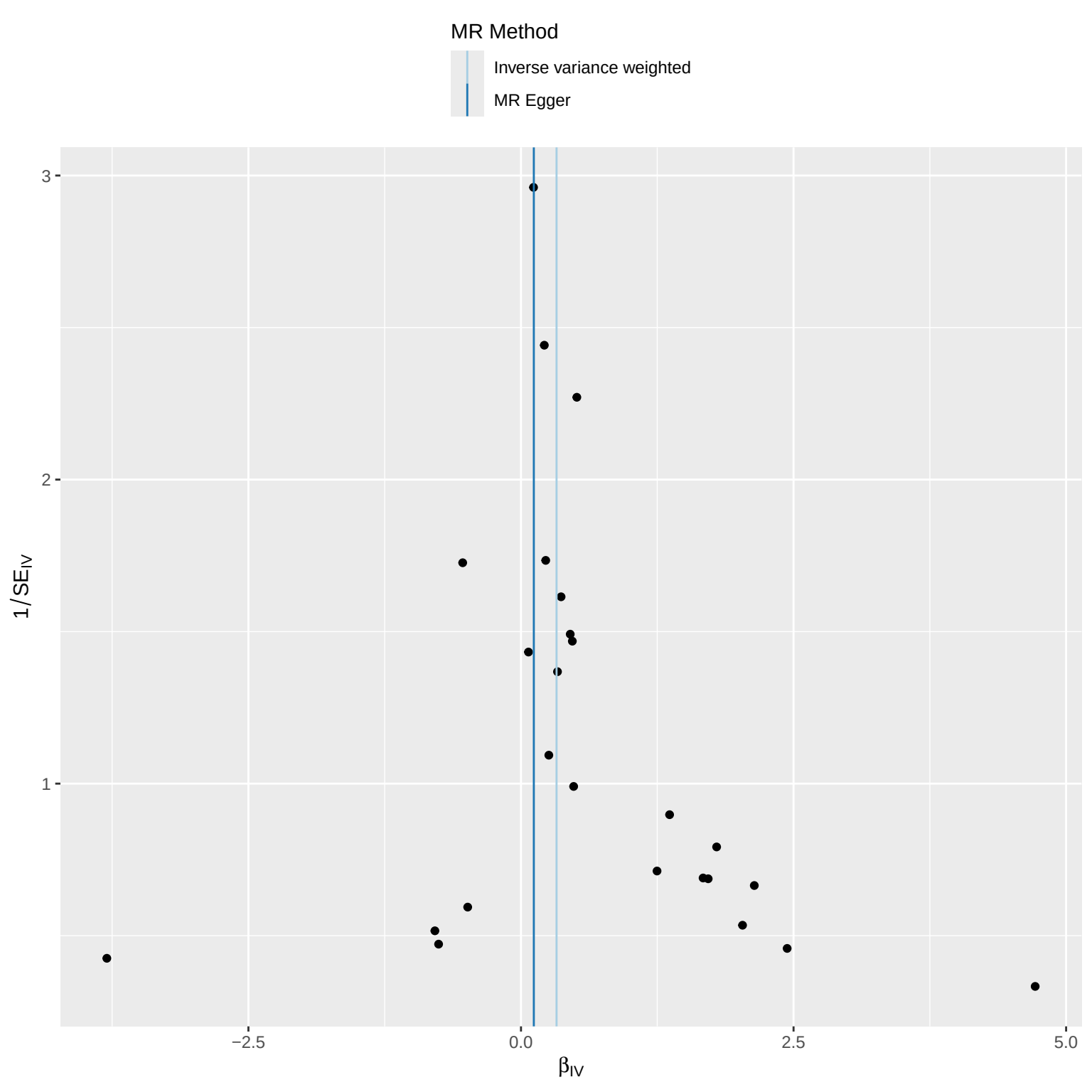

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
0
3
6
β_IV

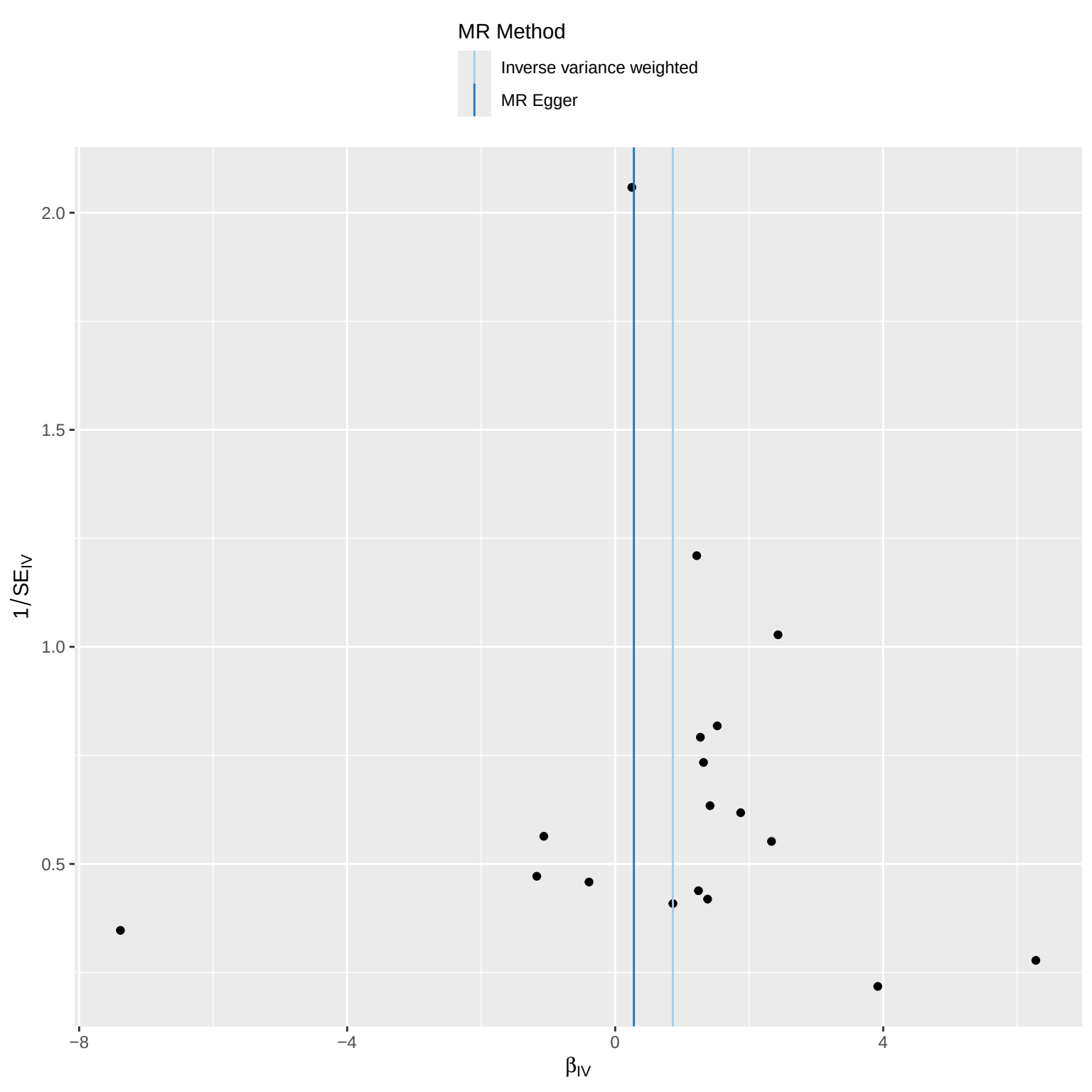

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
0
1
2
3
4
β_IV

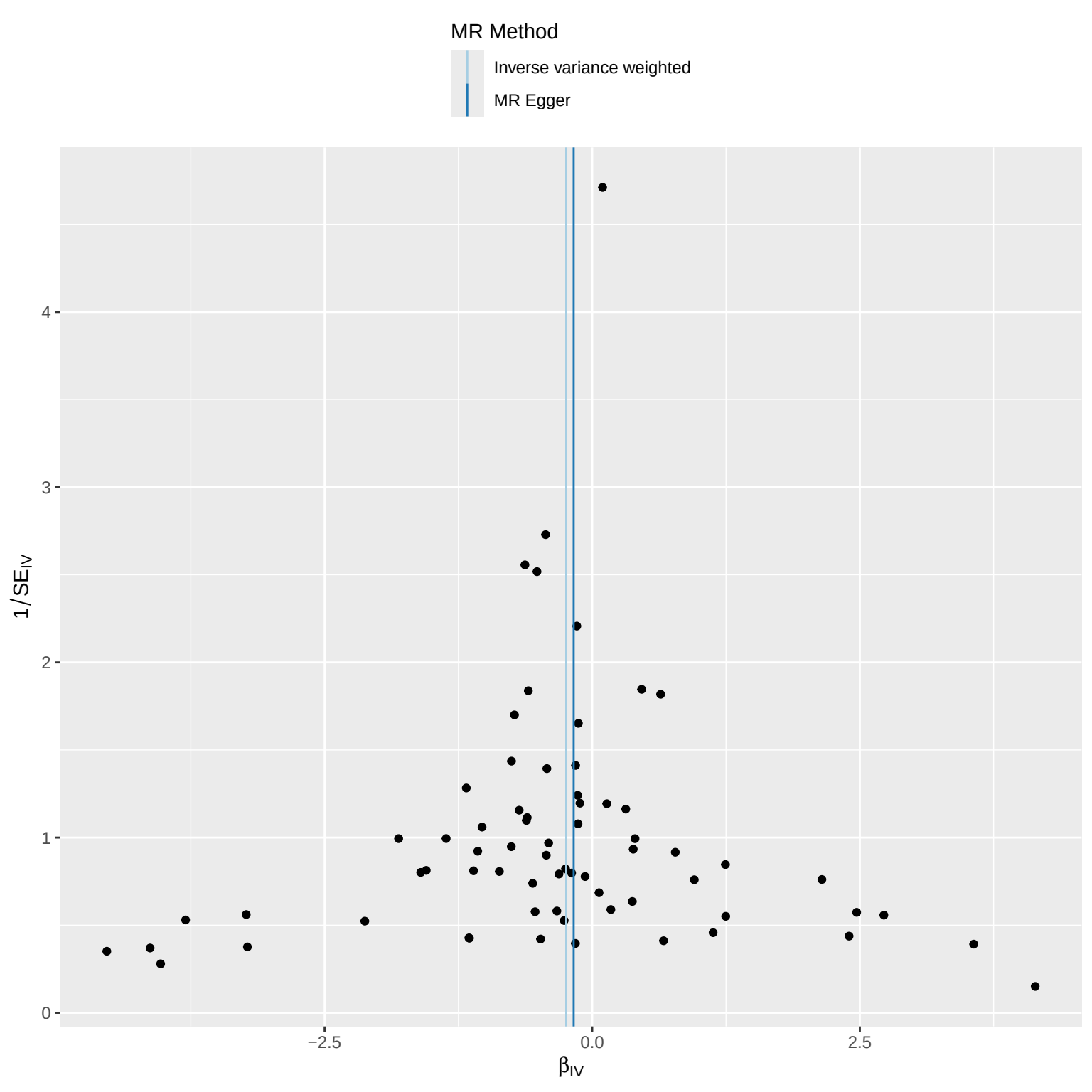

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
β_IV

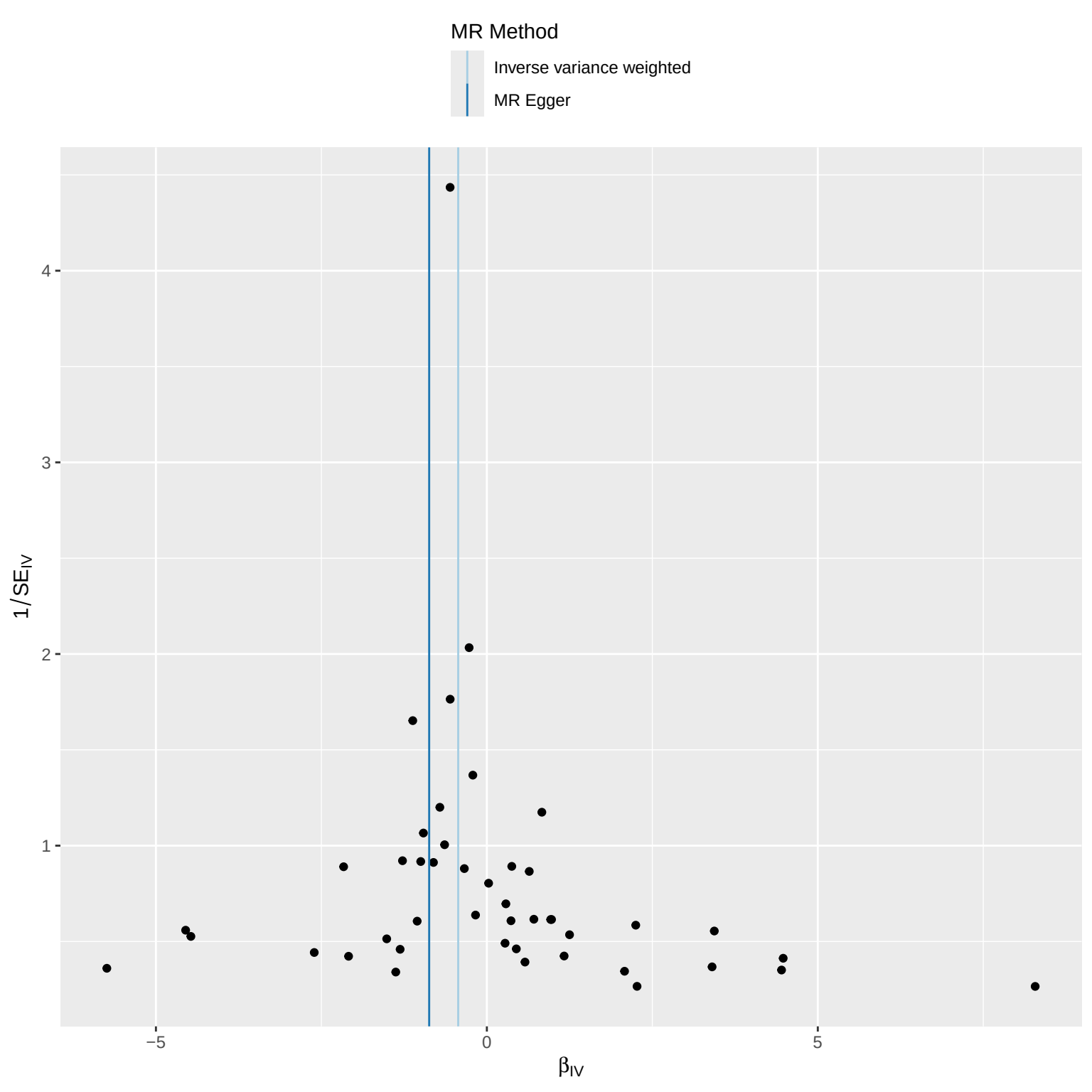

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
7.5
β_IV

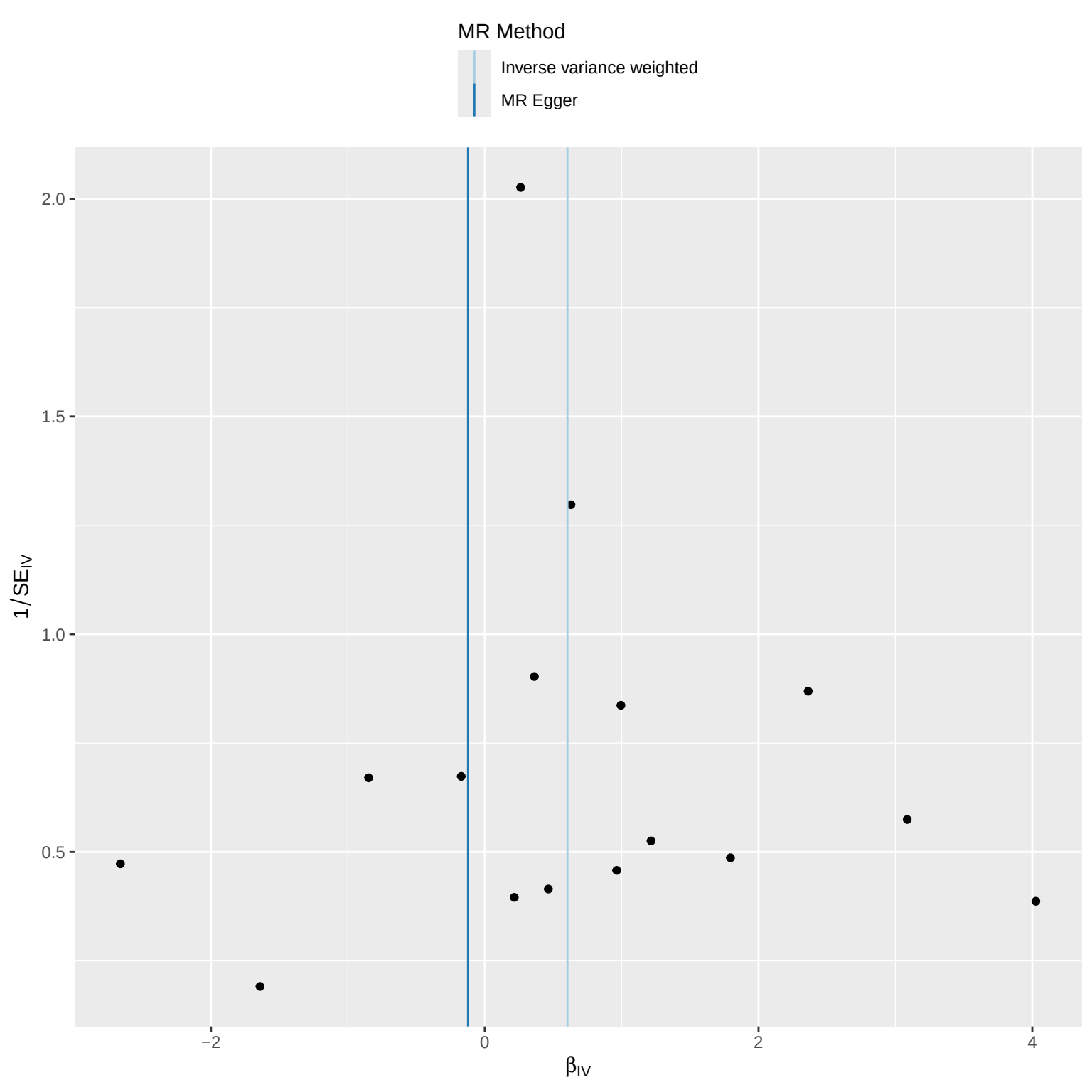

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

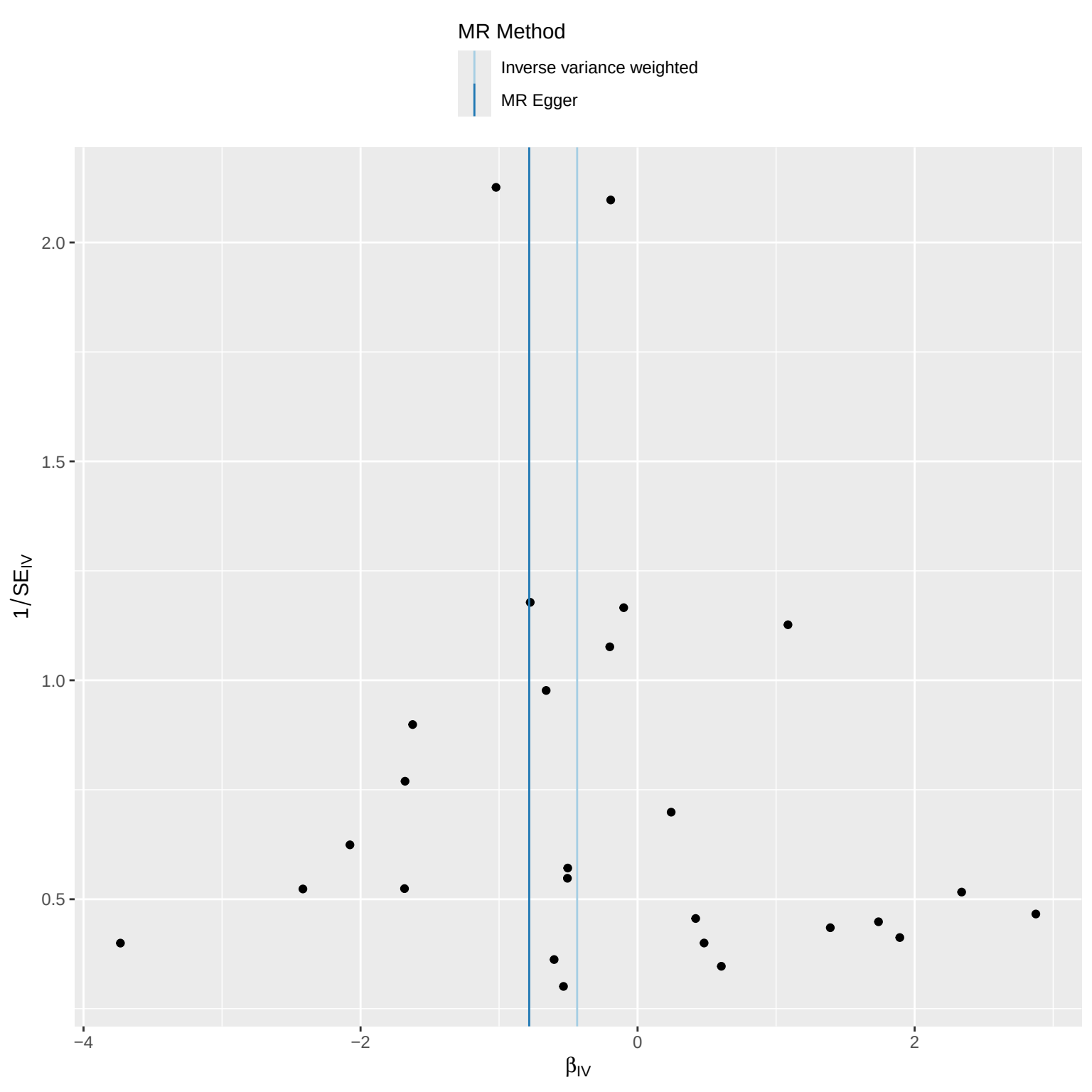

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

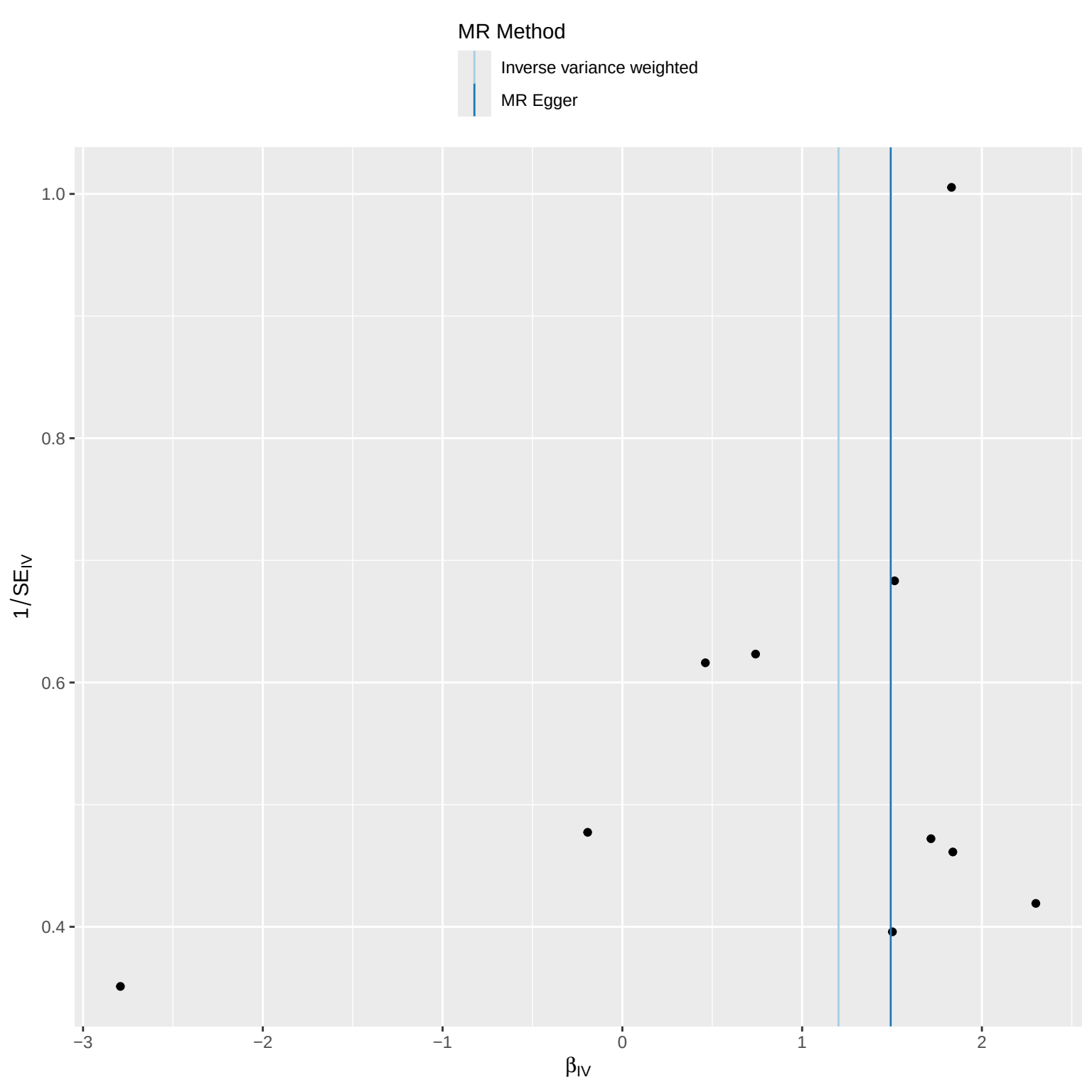

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−8
−4
0
4
β_IV

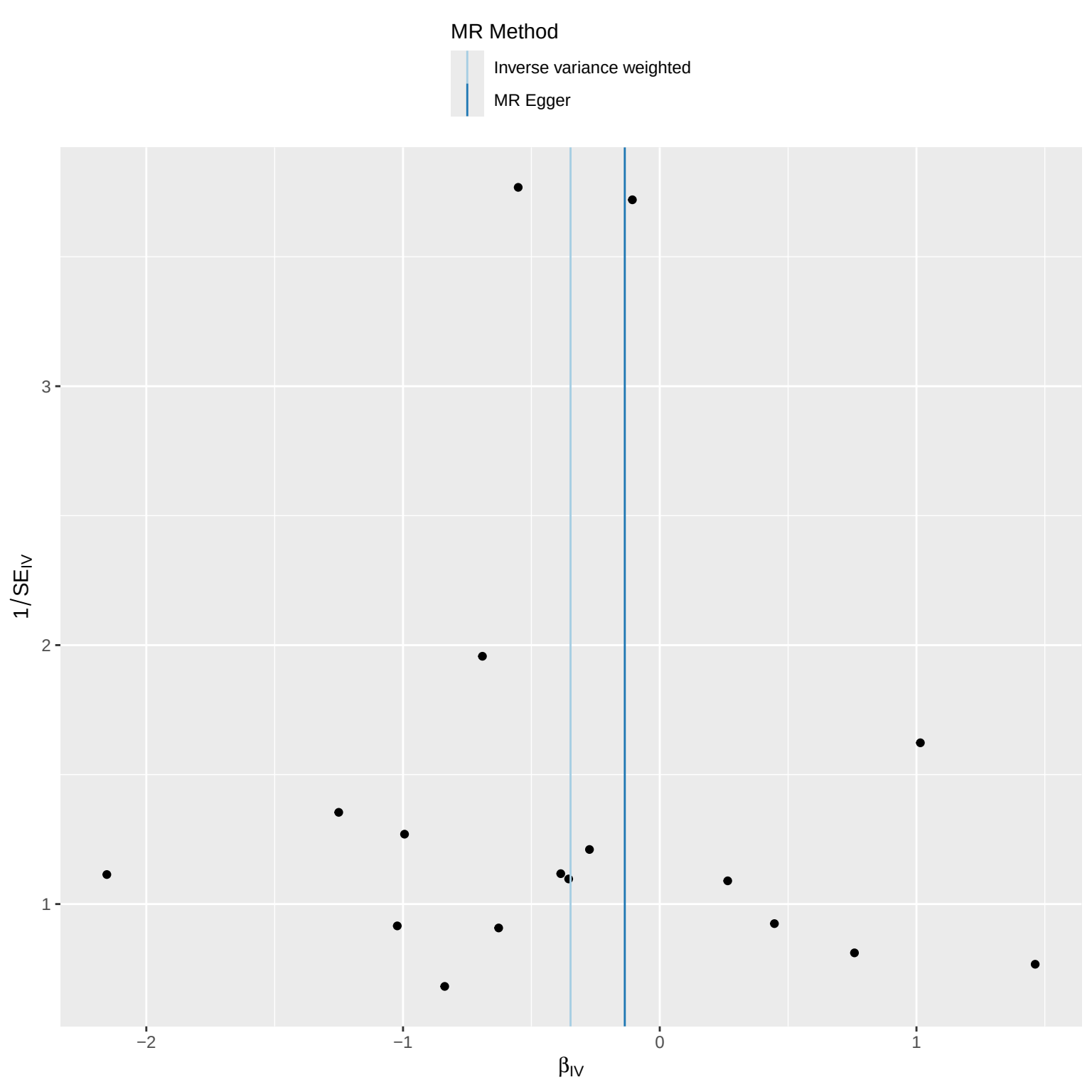

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−2.5
0.0
2.5
β_IV

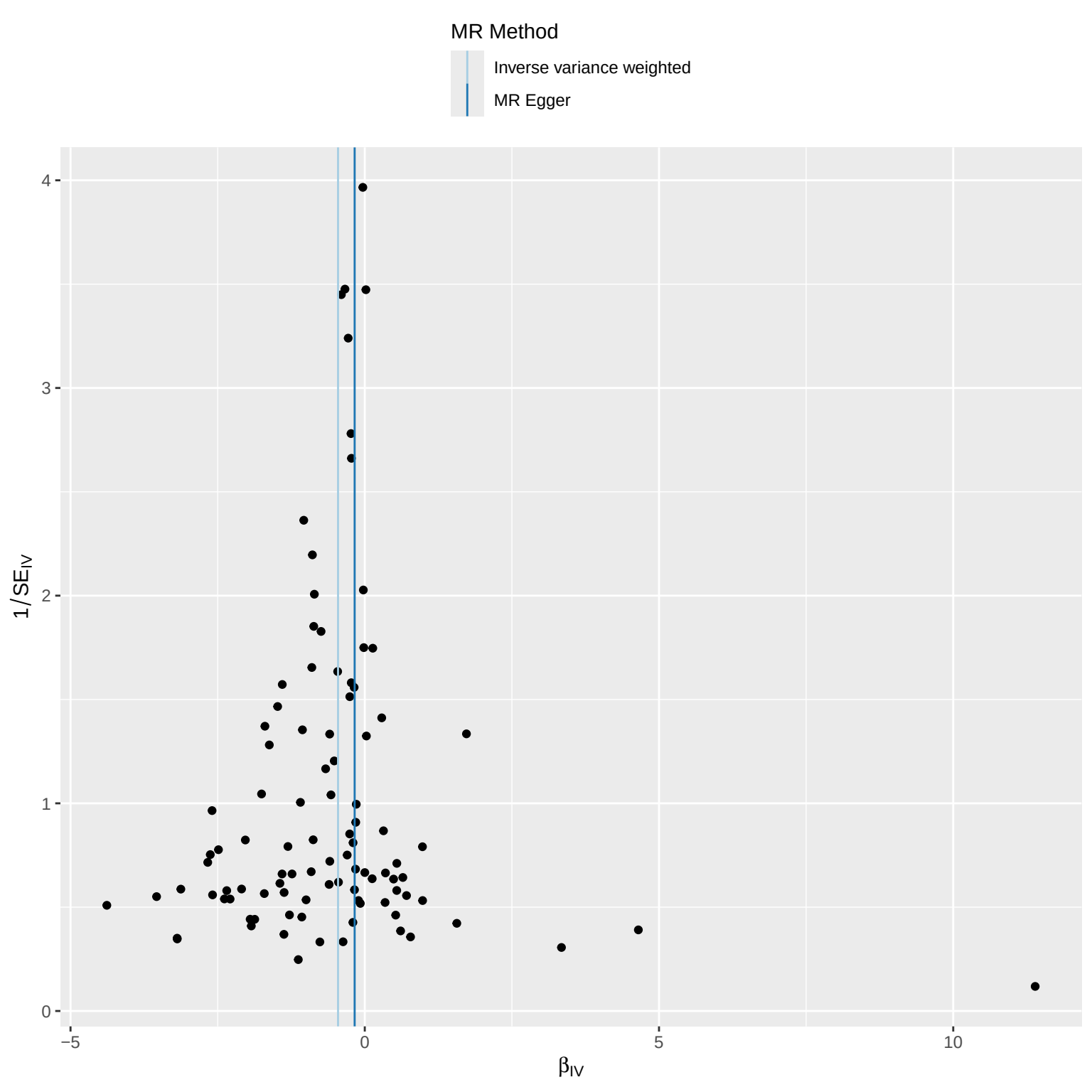

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5
0
5
β_IV

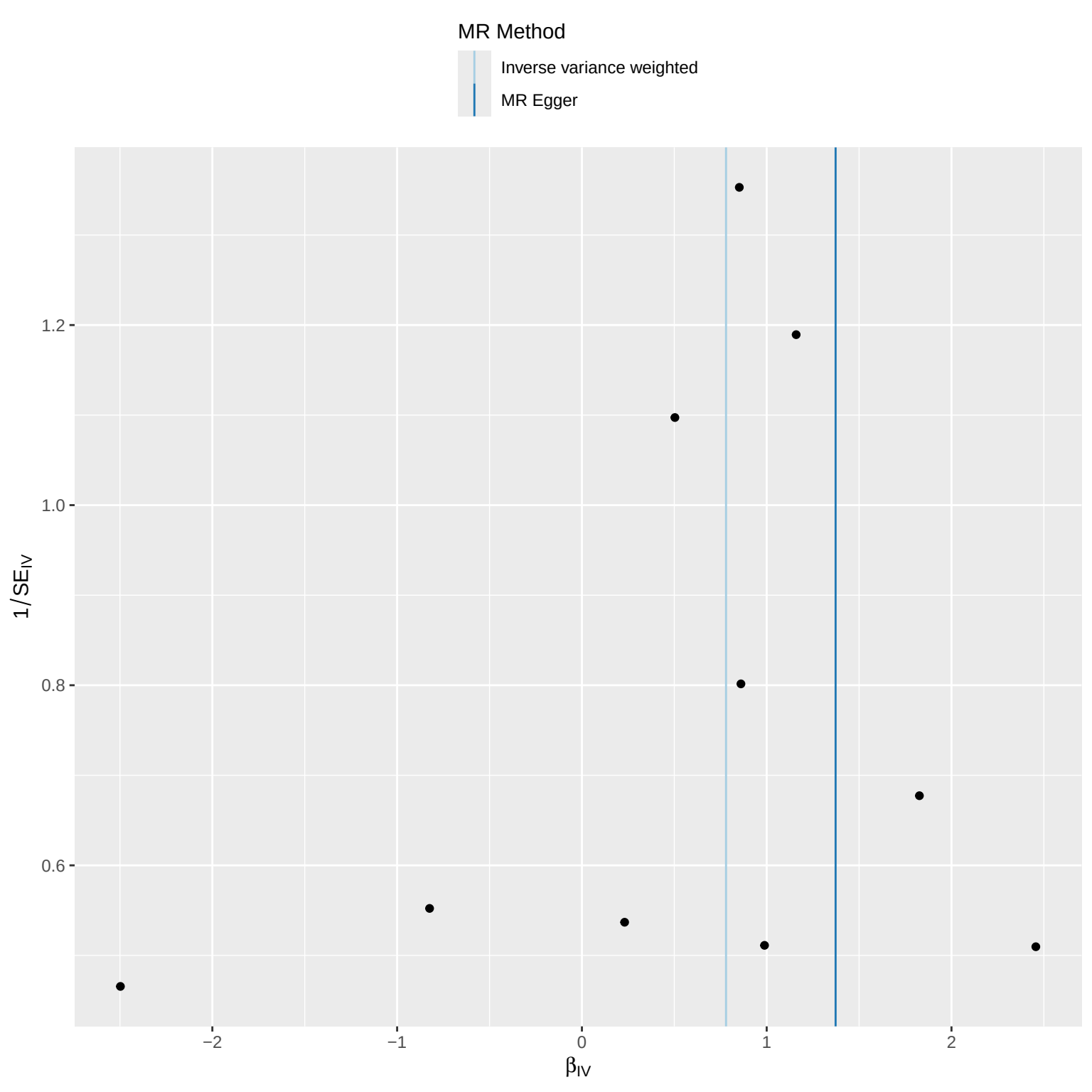

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

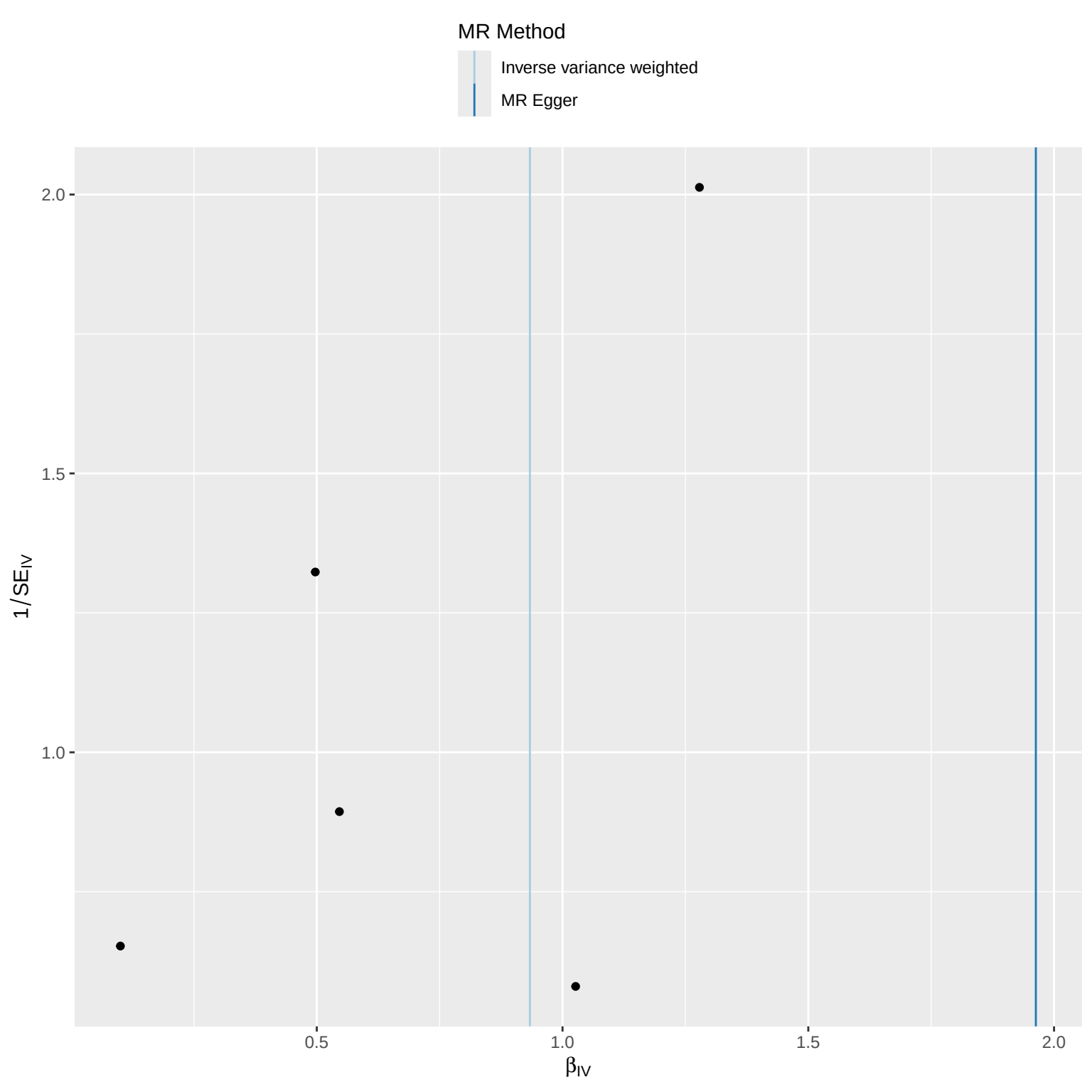

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

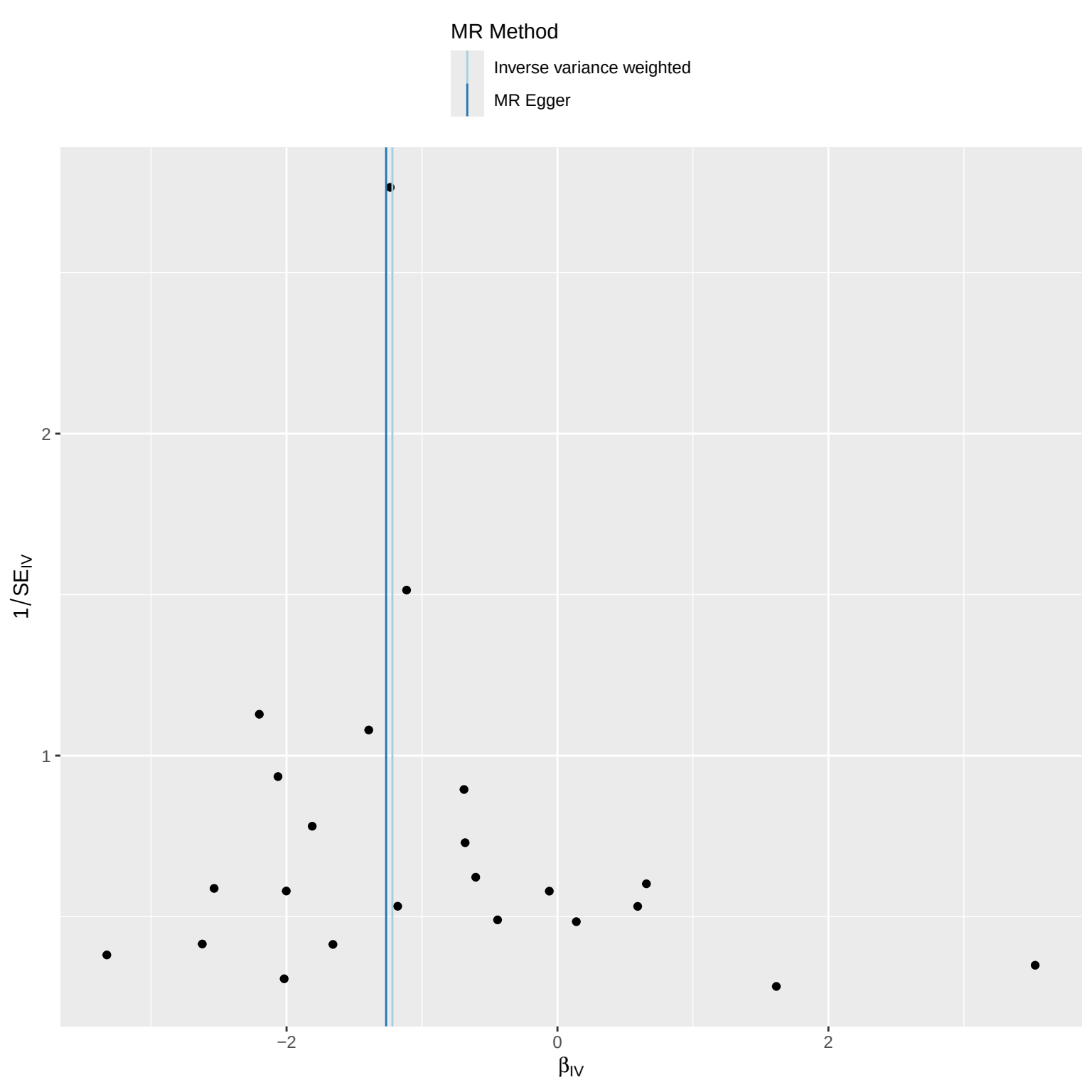

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
2
β_IV

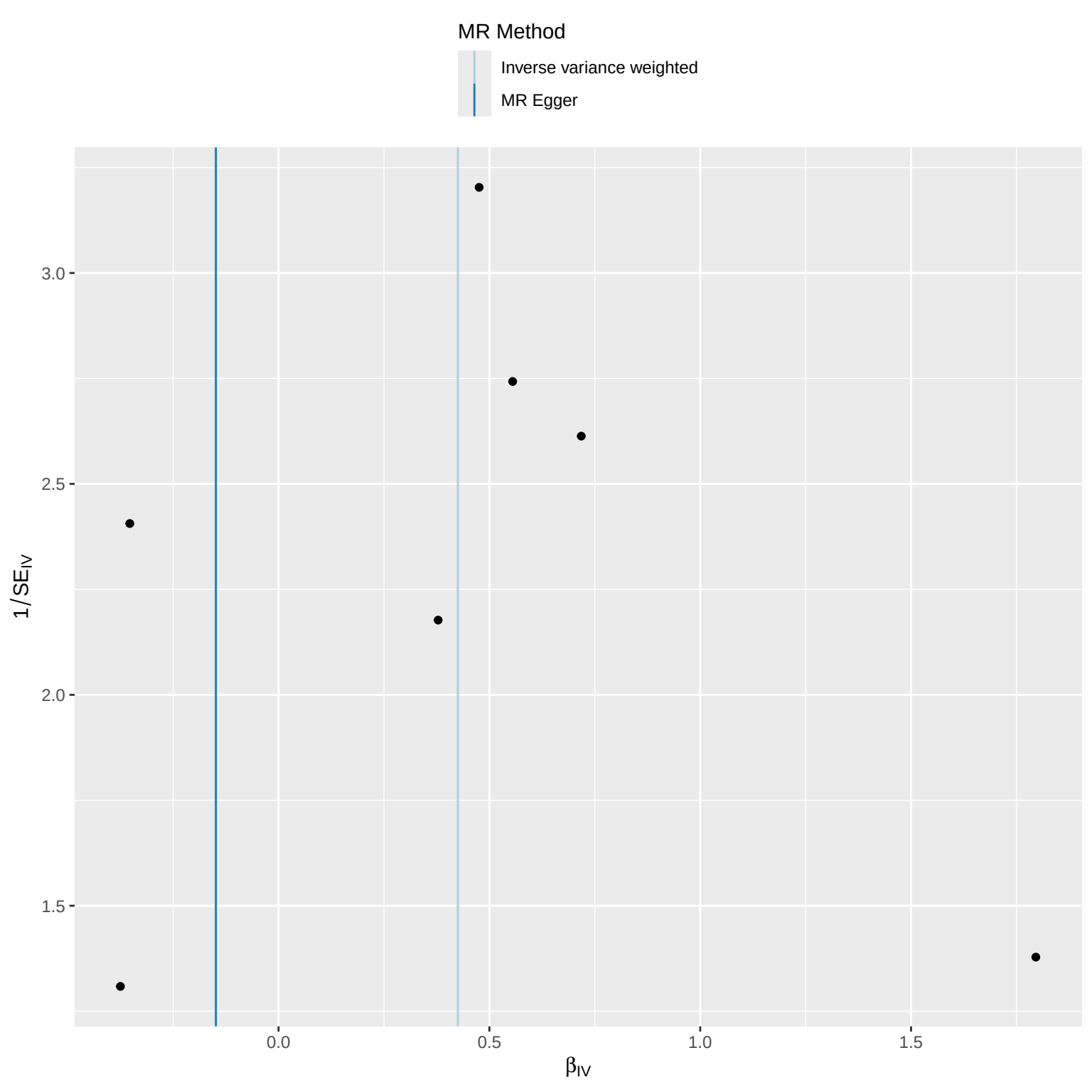

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

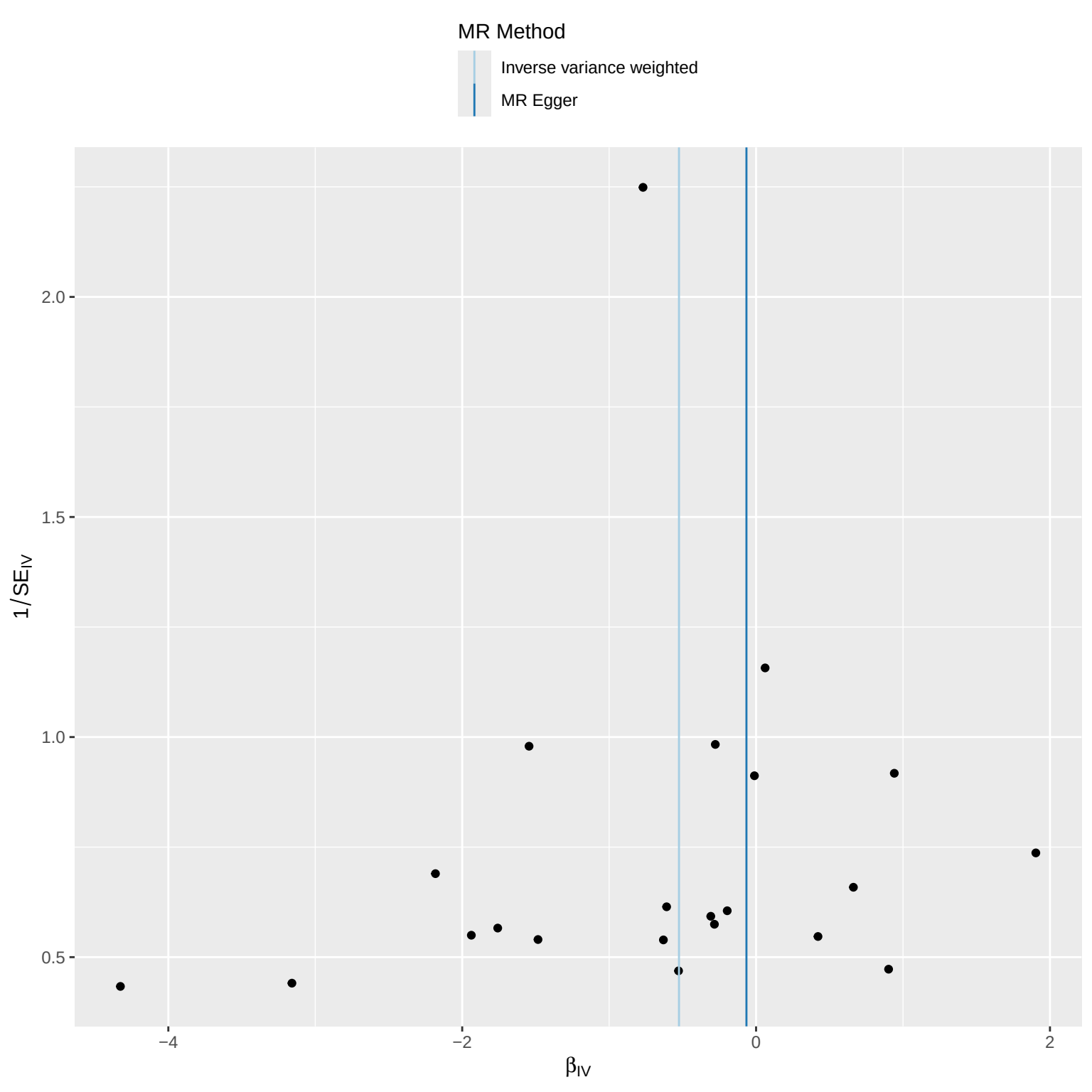

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−5
0
5
10
β_IV

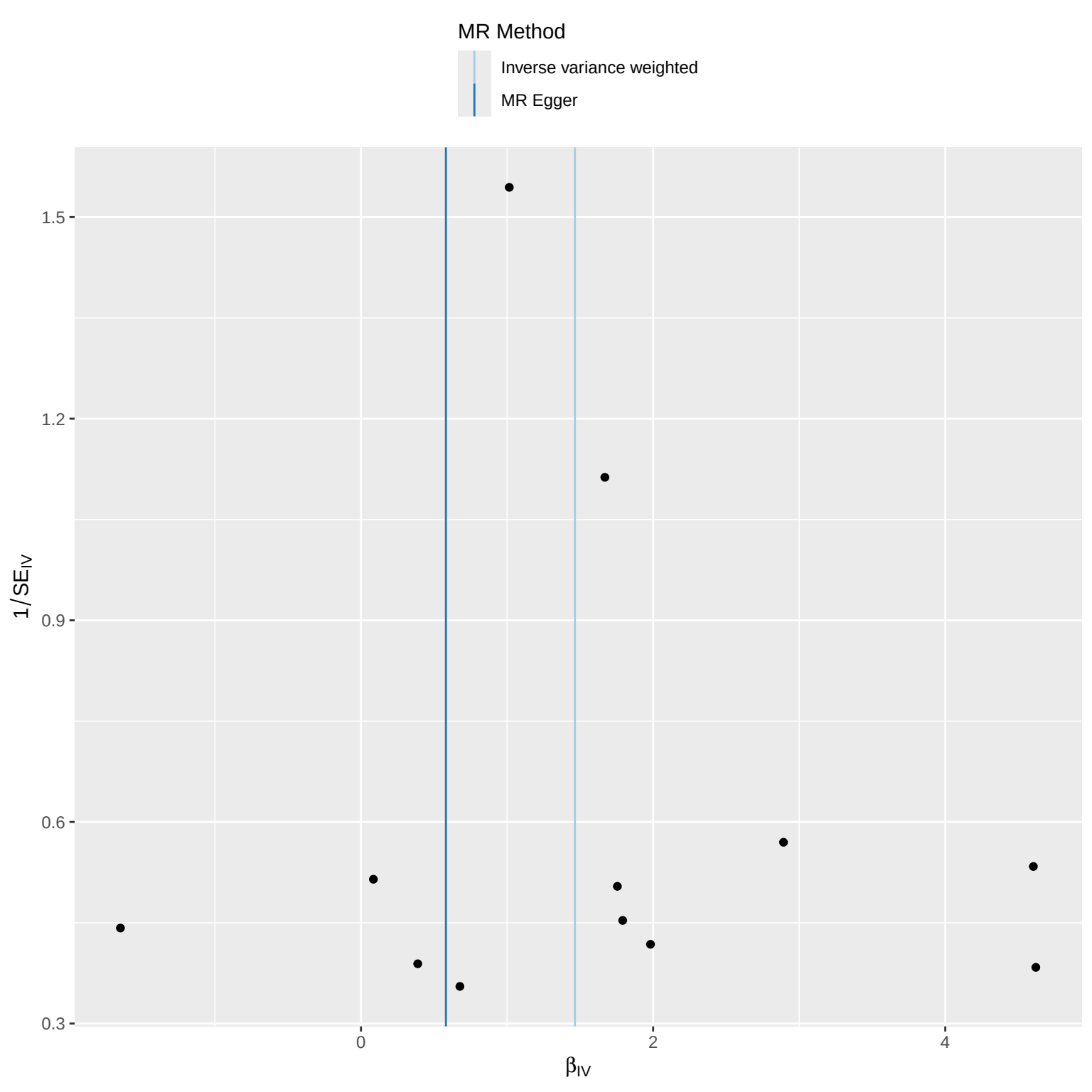

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2
−1
0
1
2
β_IV

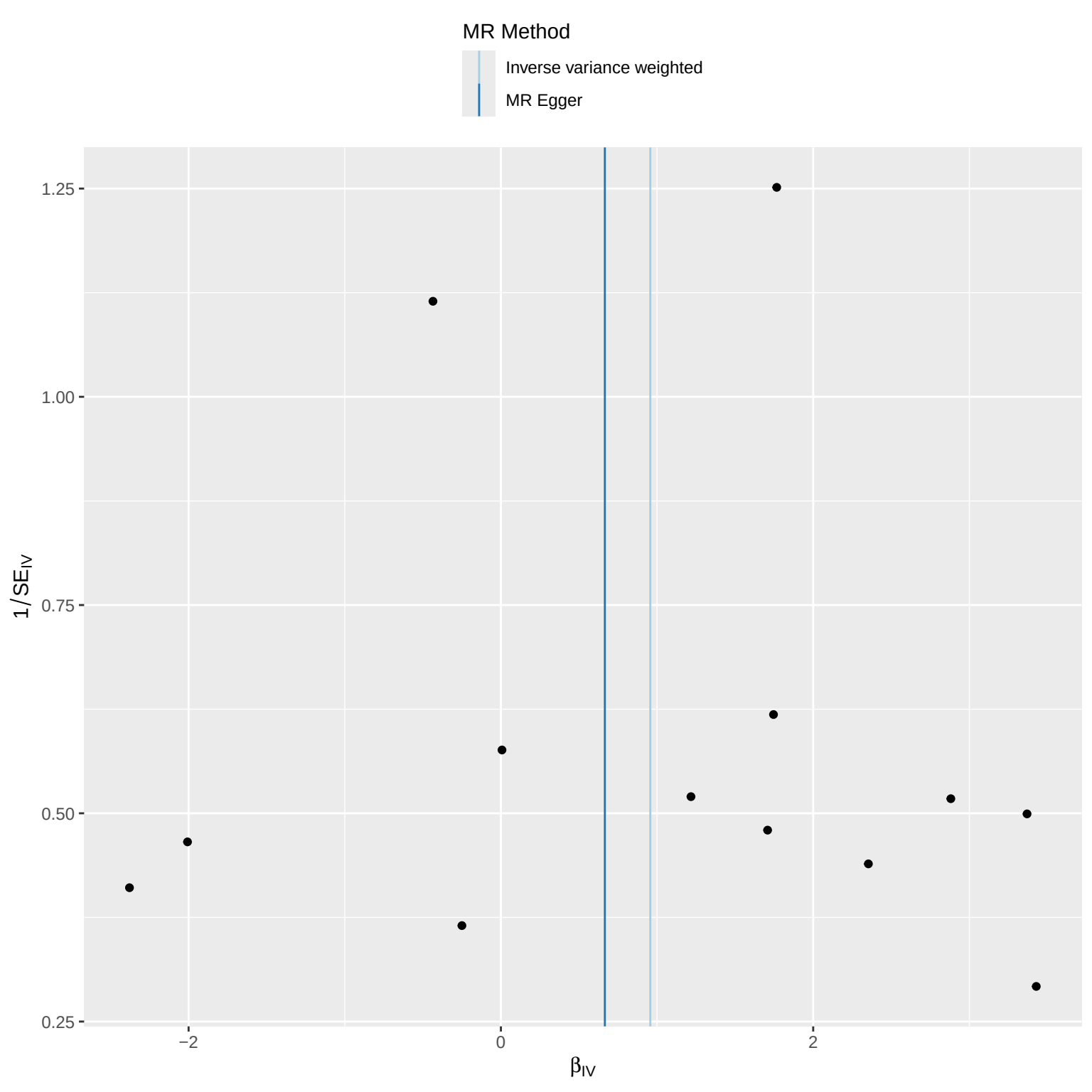

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

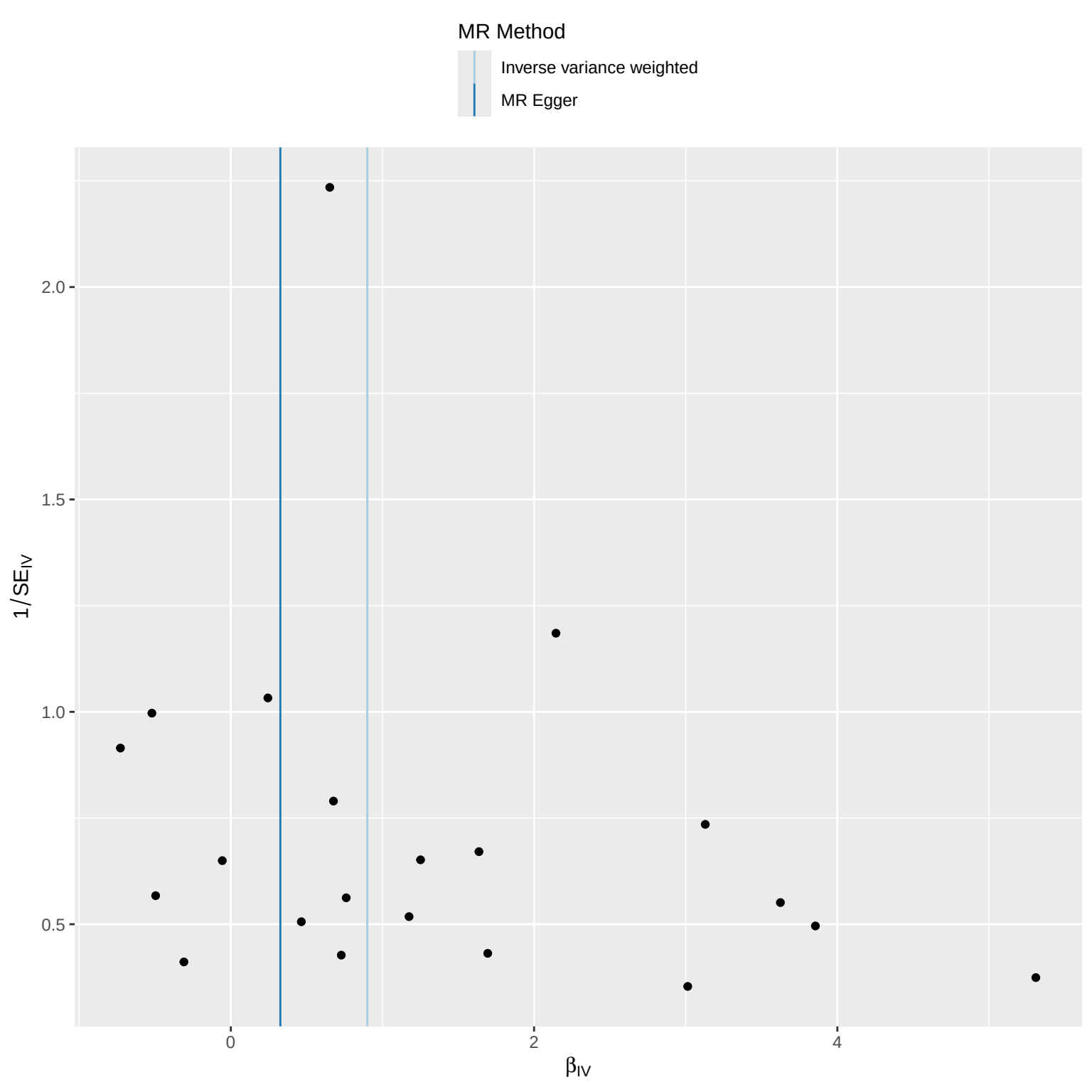

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

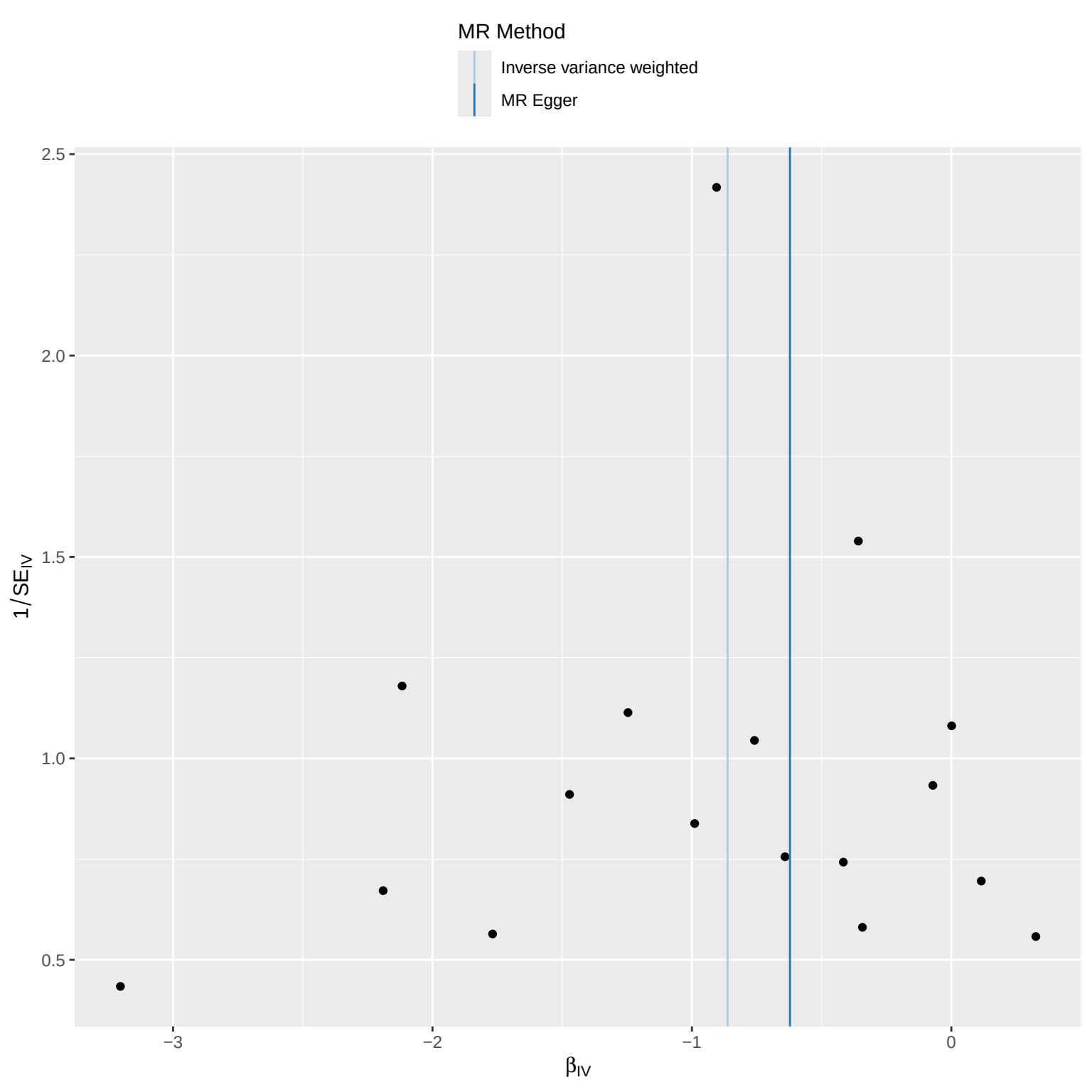

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

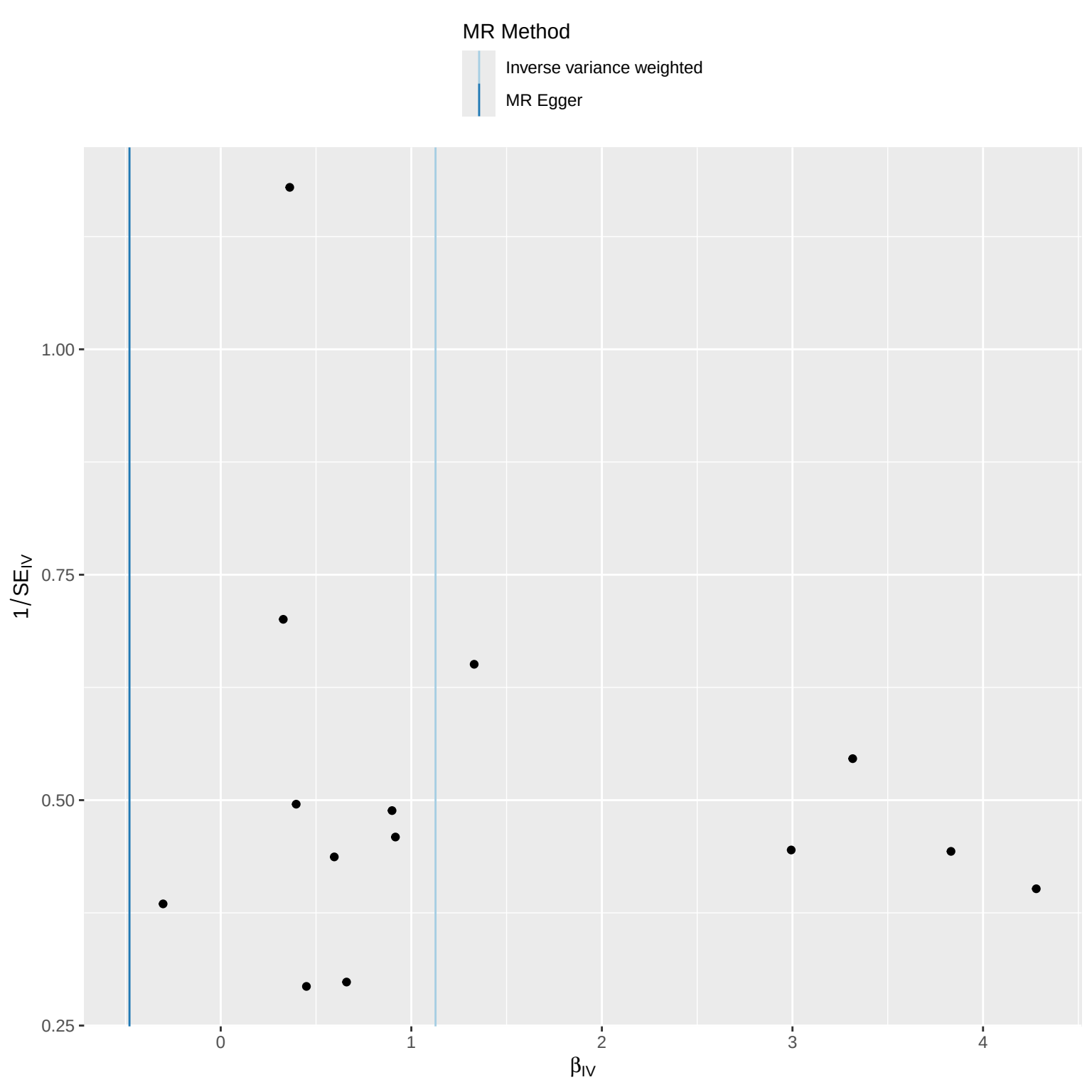

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

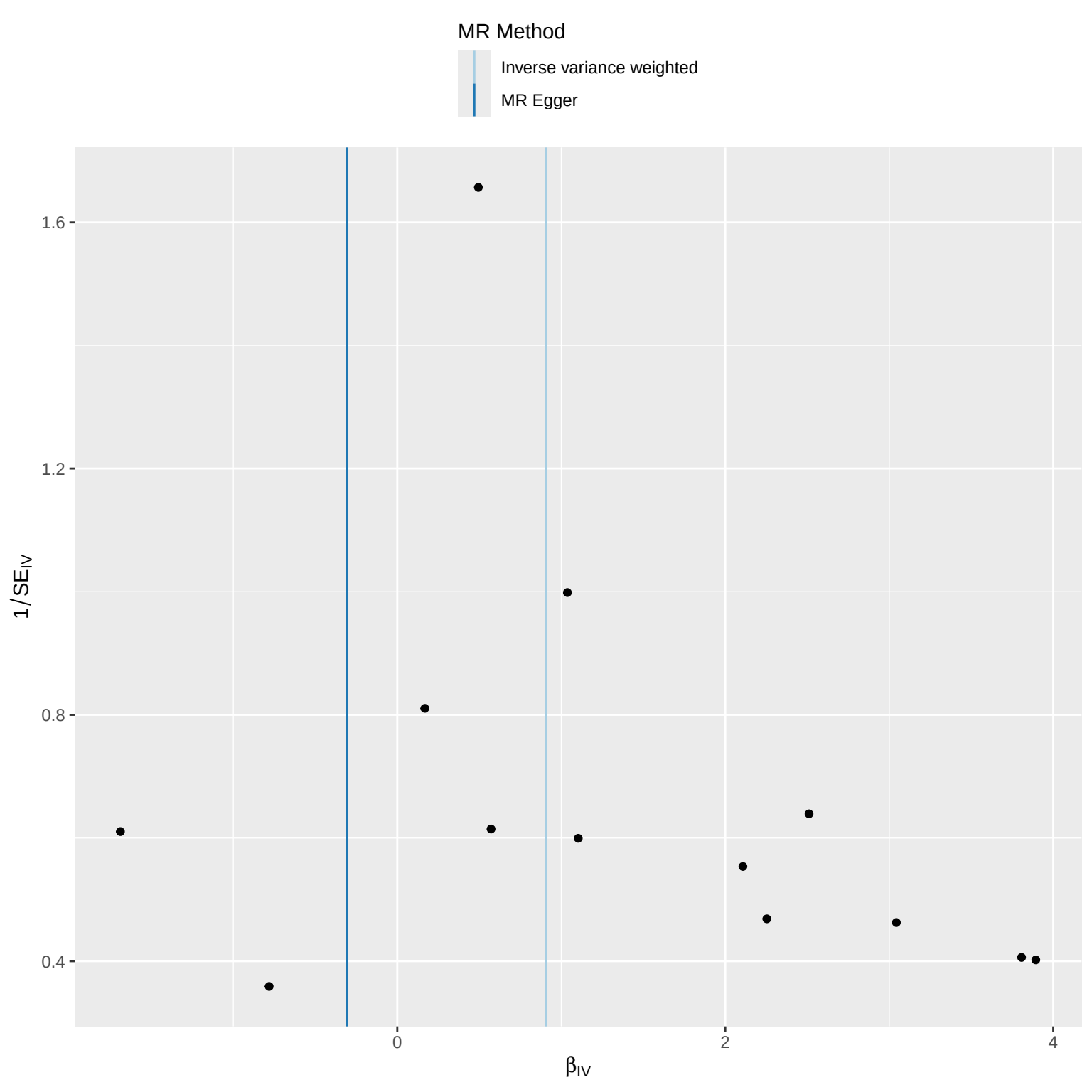

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
0
2
4
β_IV

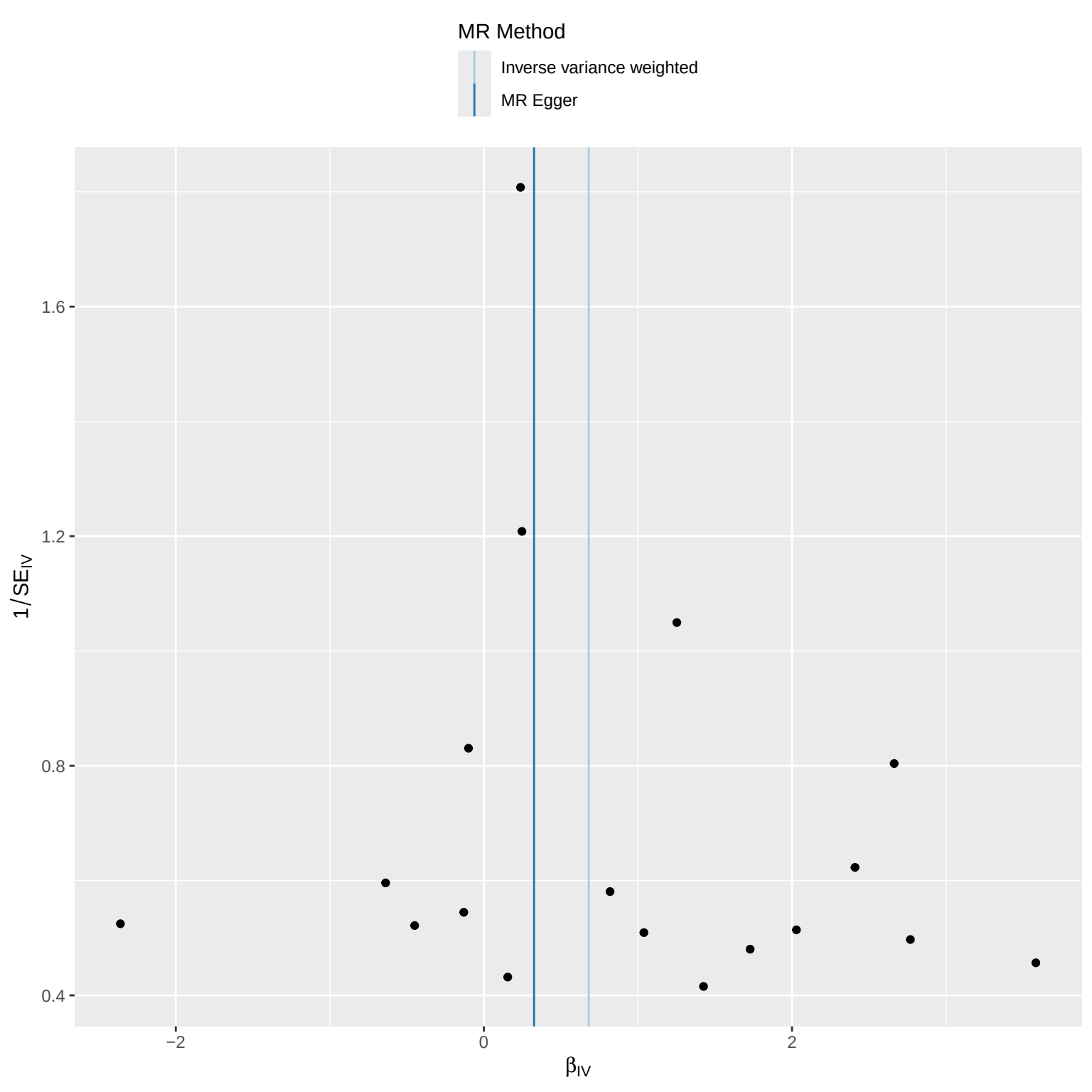

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
0
2
β_IV

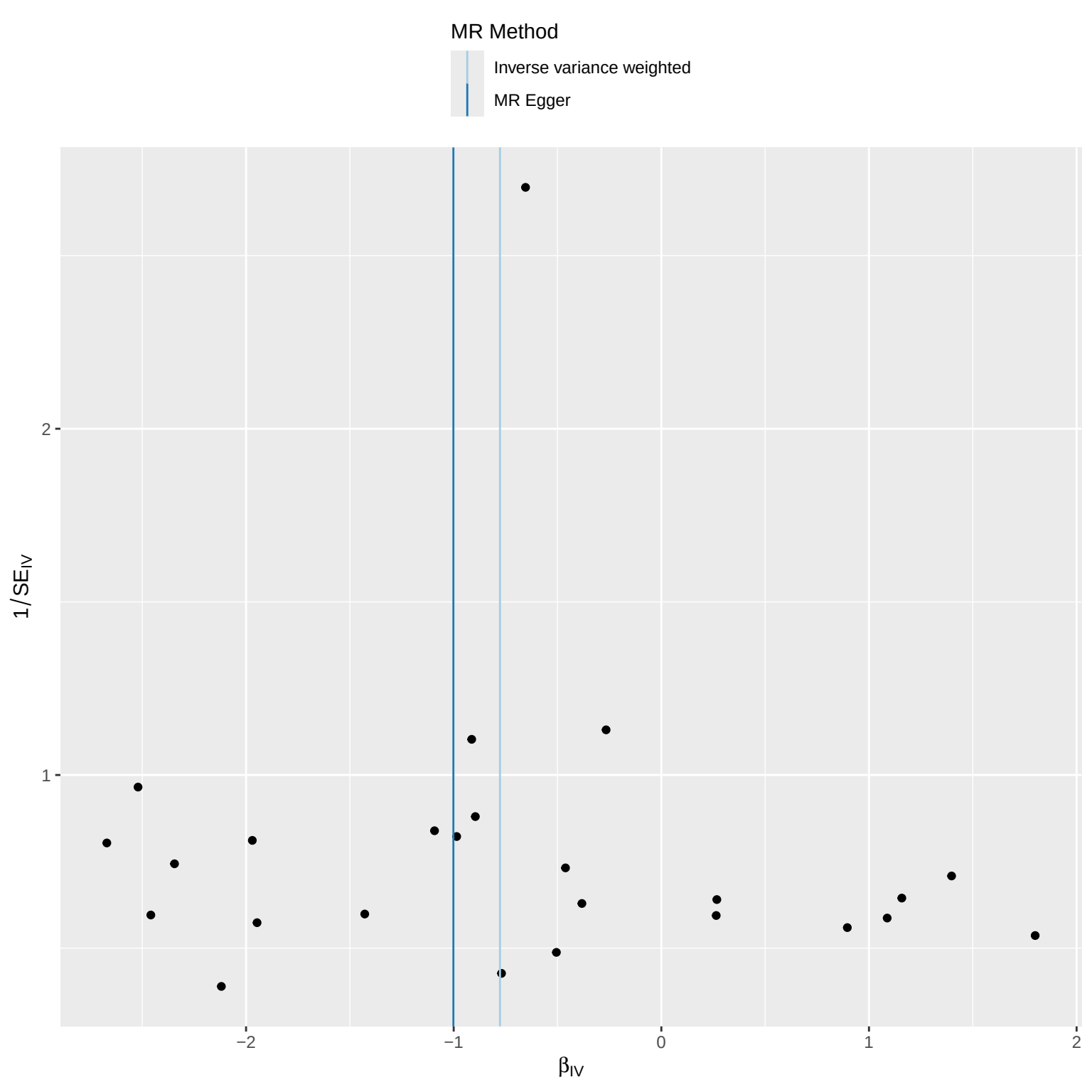

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

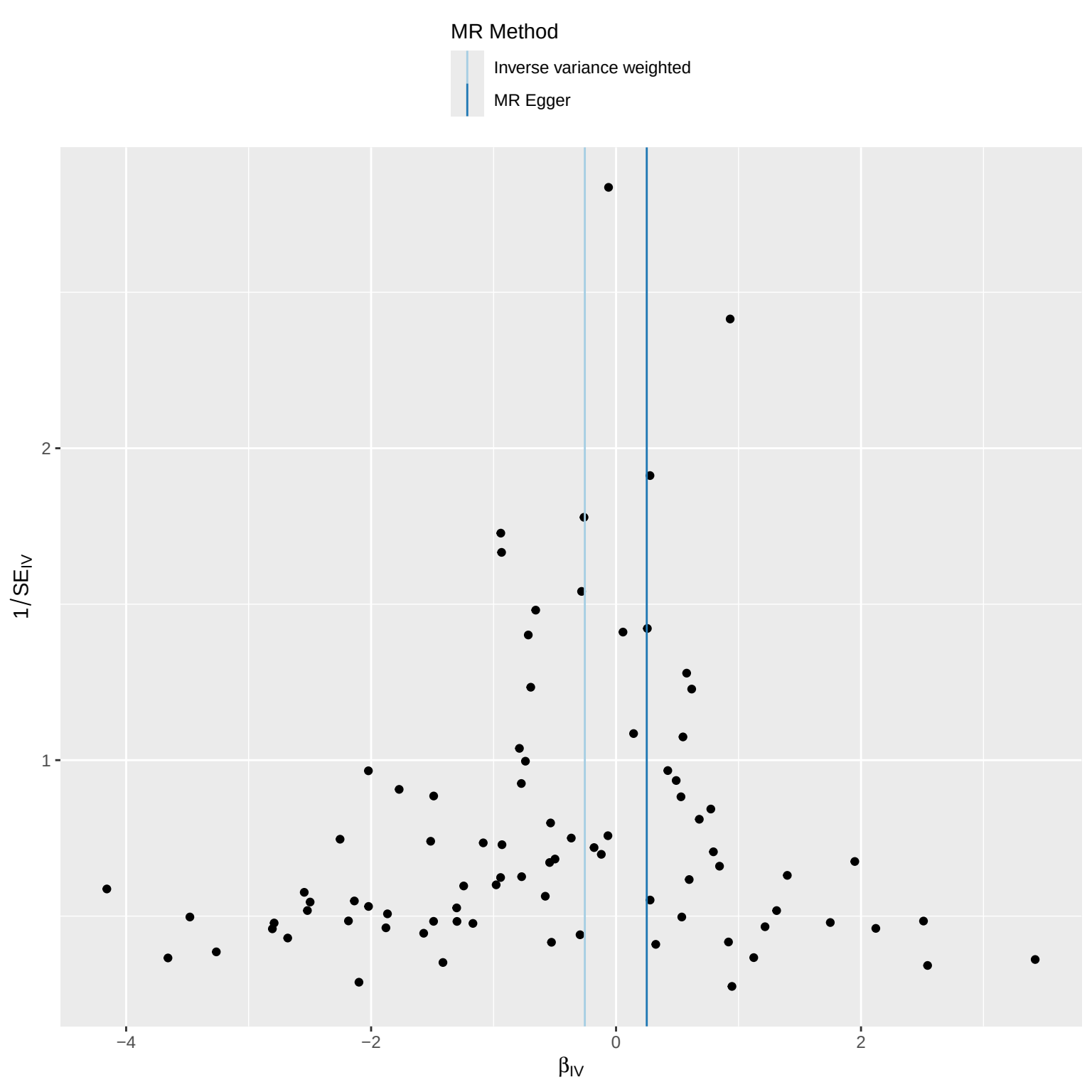

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

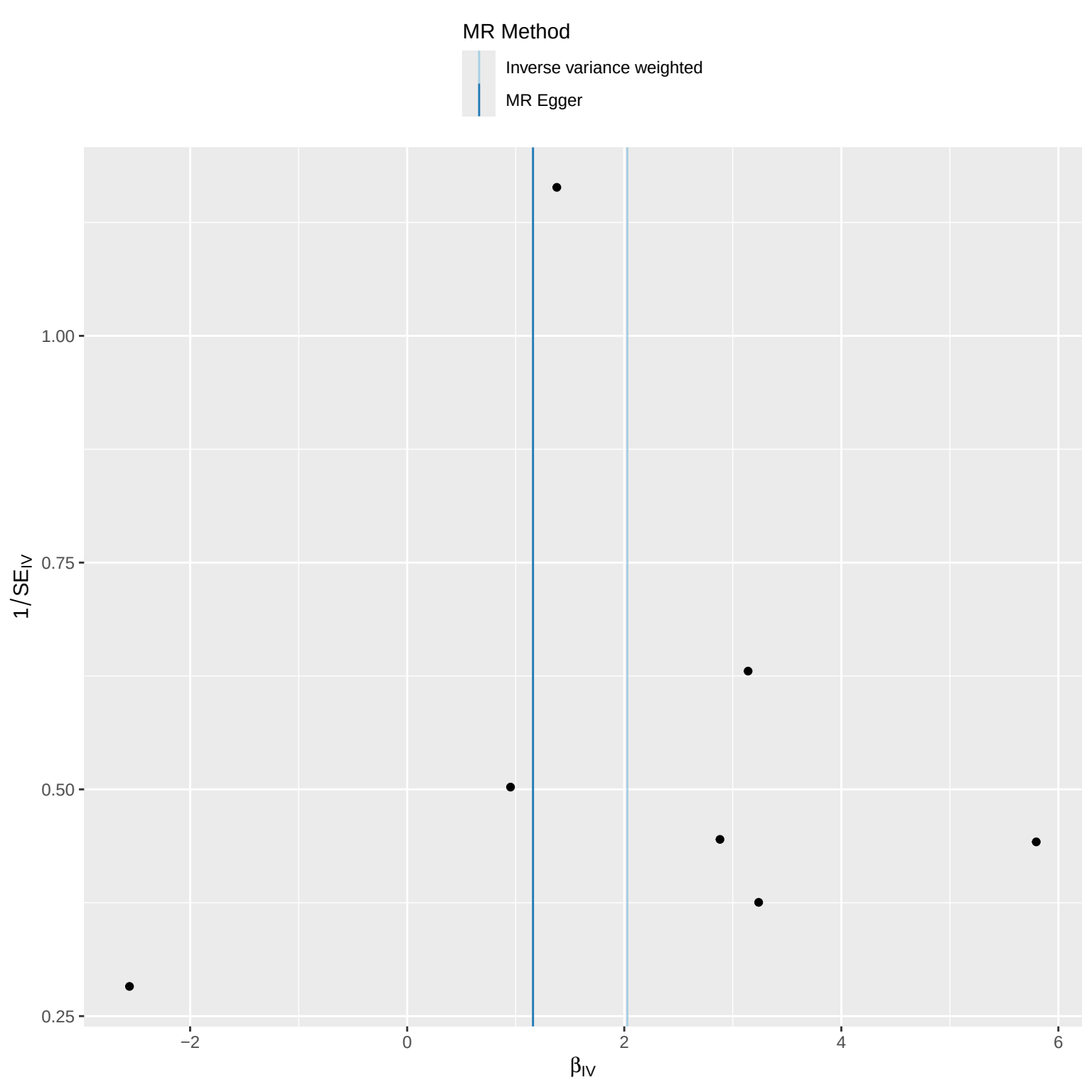

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
0.25
1/SE_IV
0
1
2
3
4
β_IV

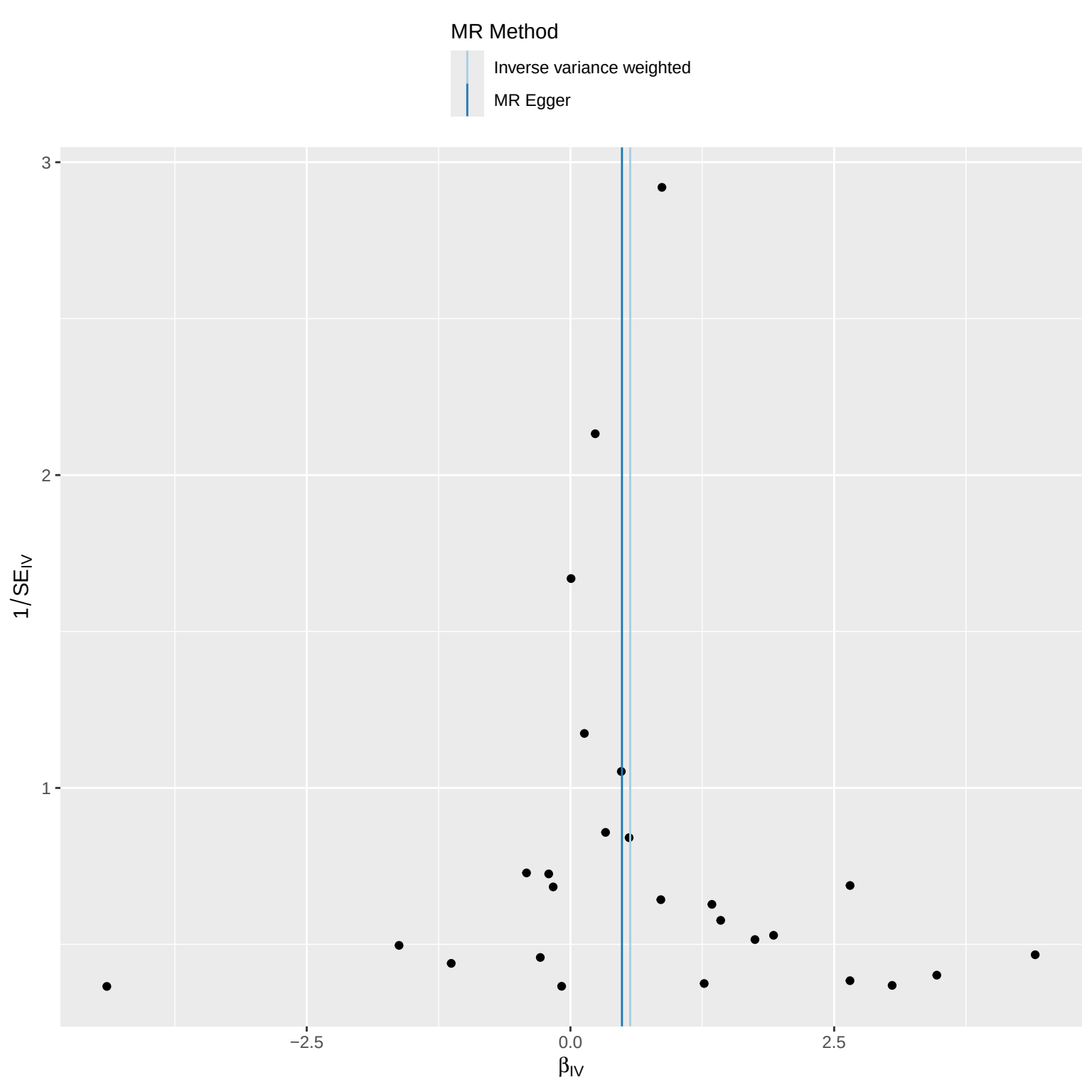

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
2
4
β_IV

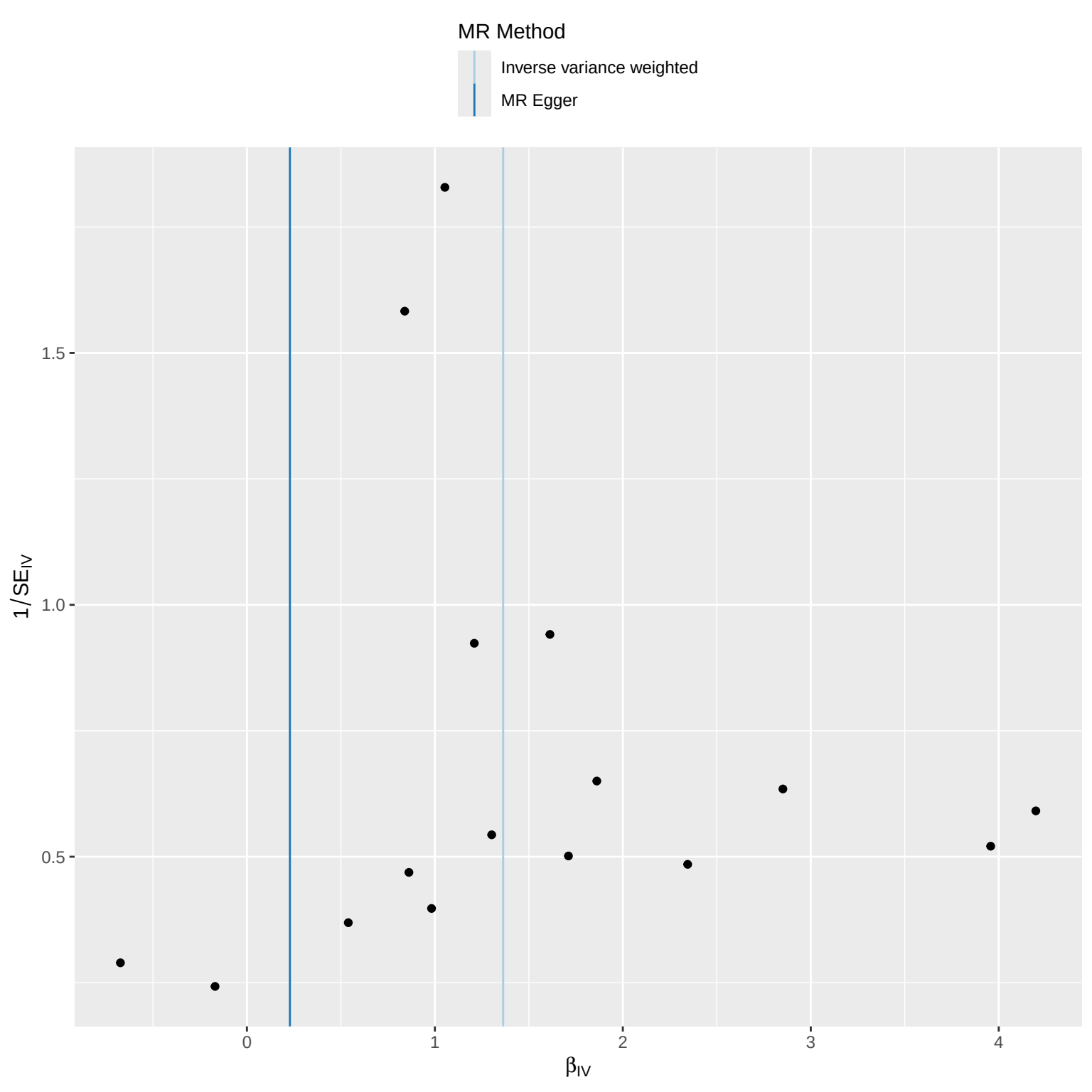

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
β_IV

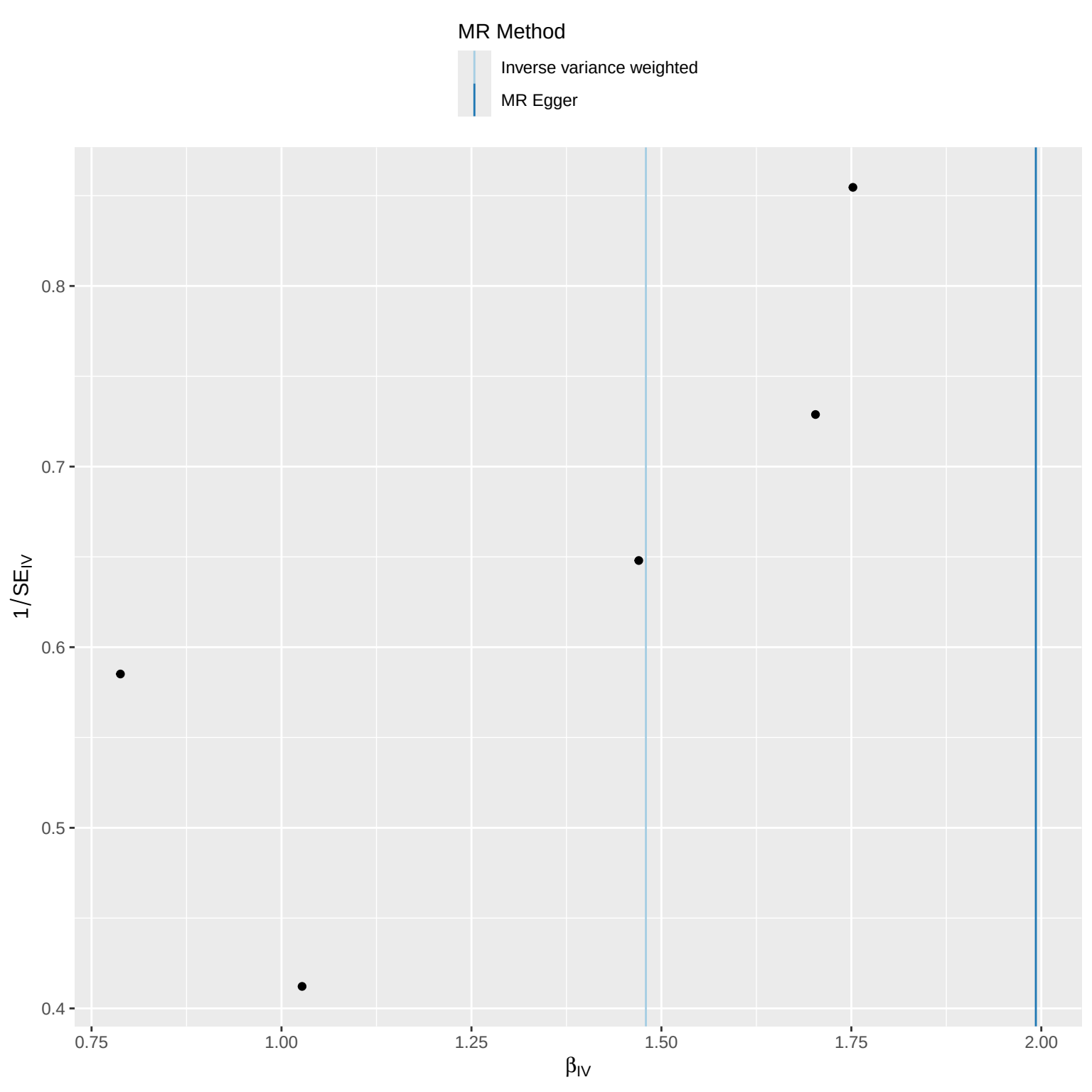

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

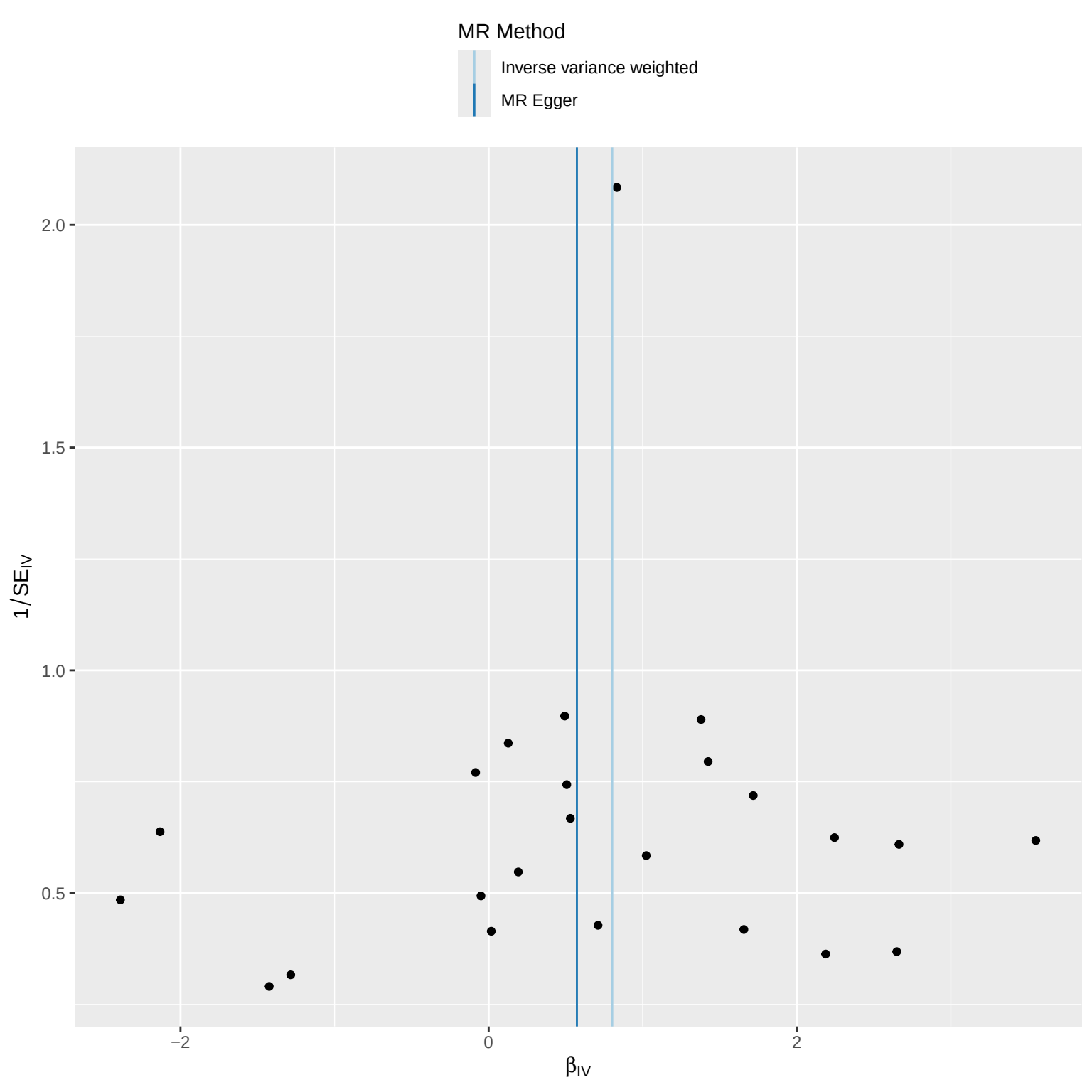

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

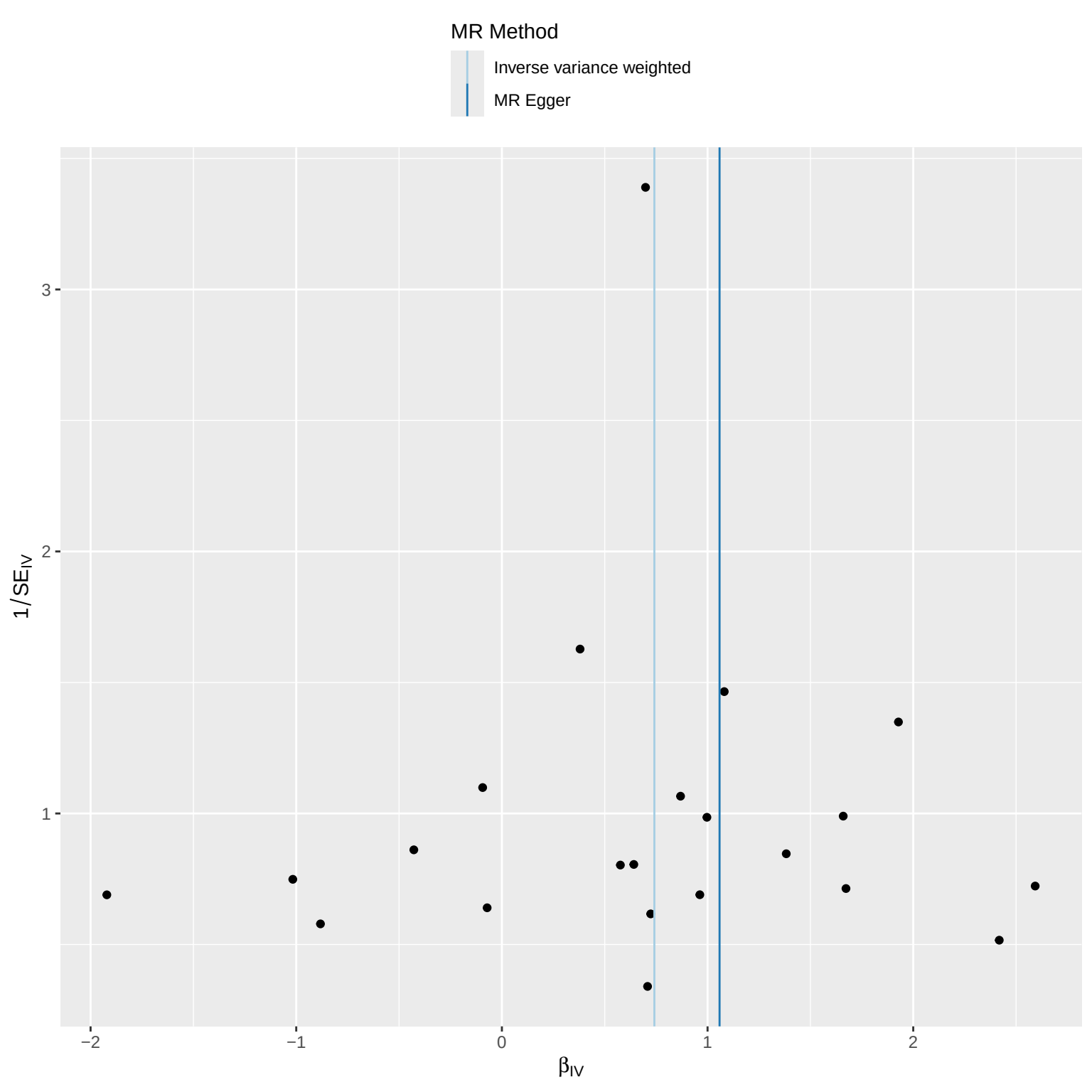

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
0.25
1/SE_IV
−2
0
2
4
6
β_IV

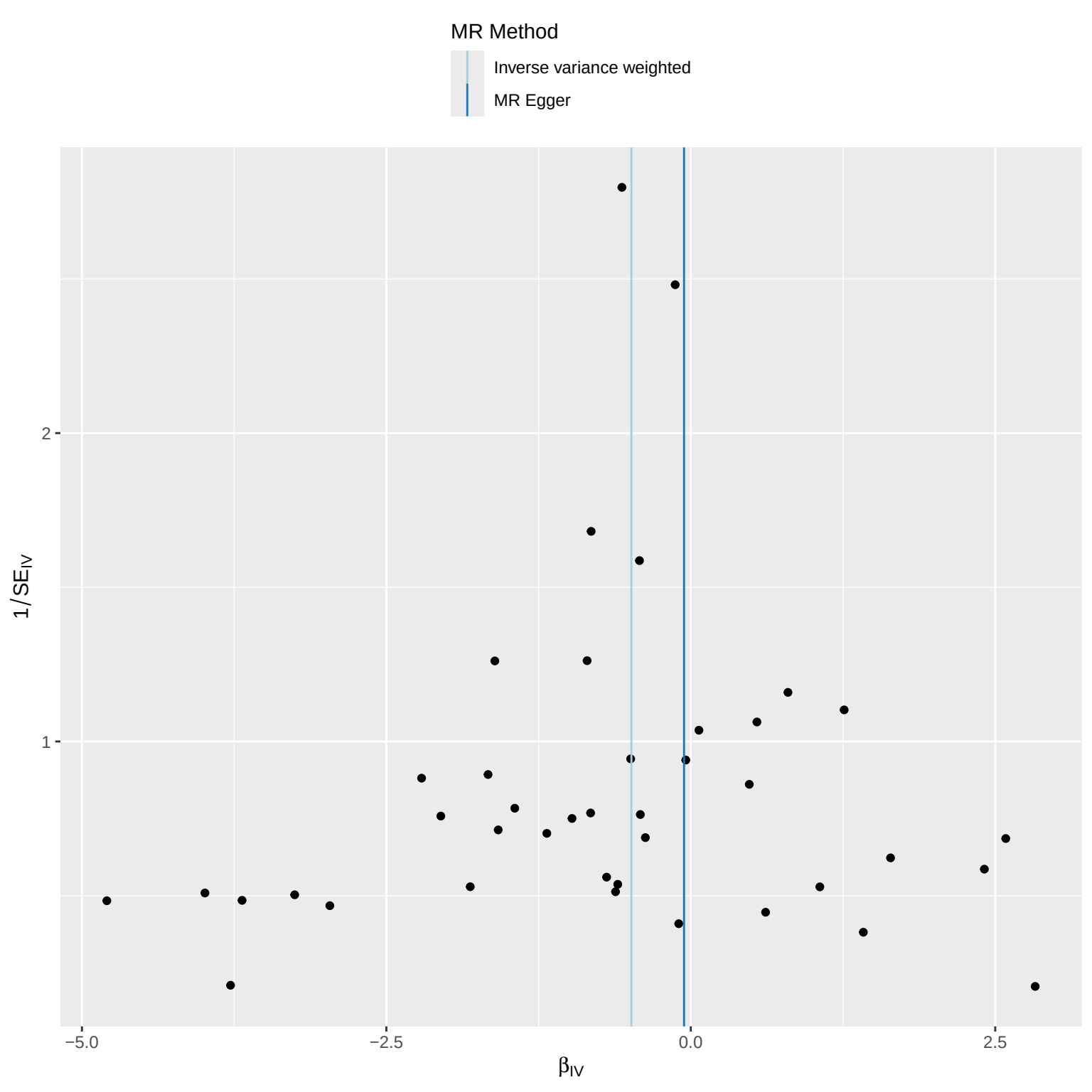

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

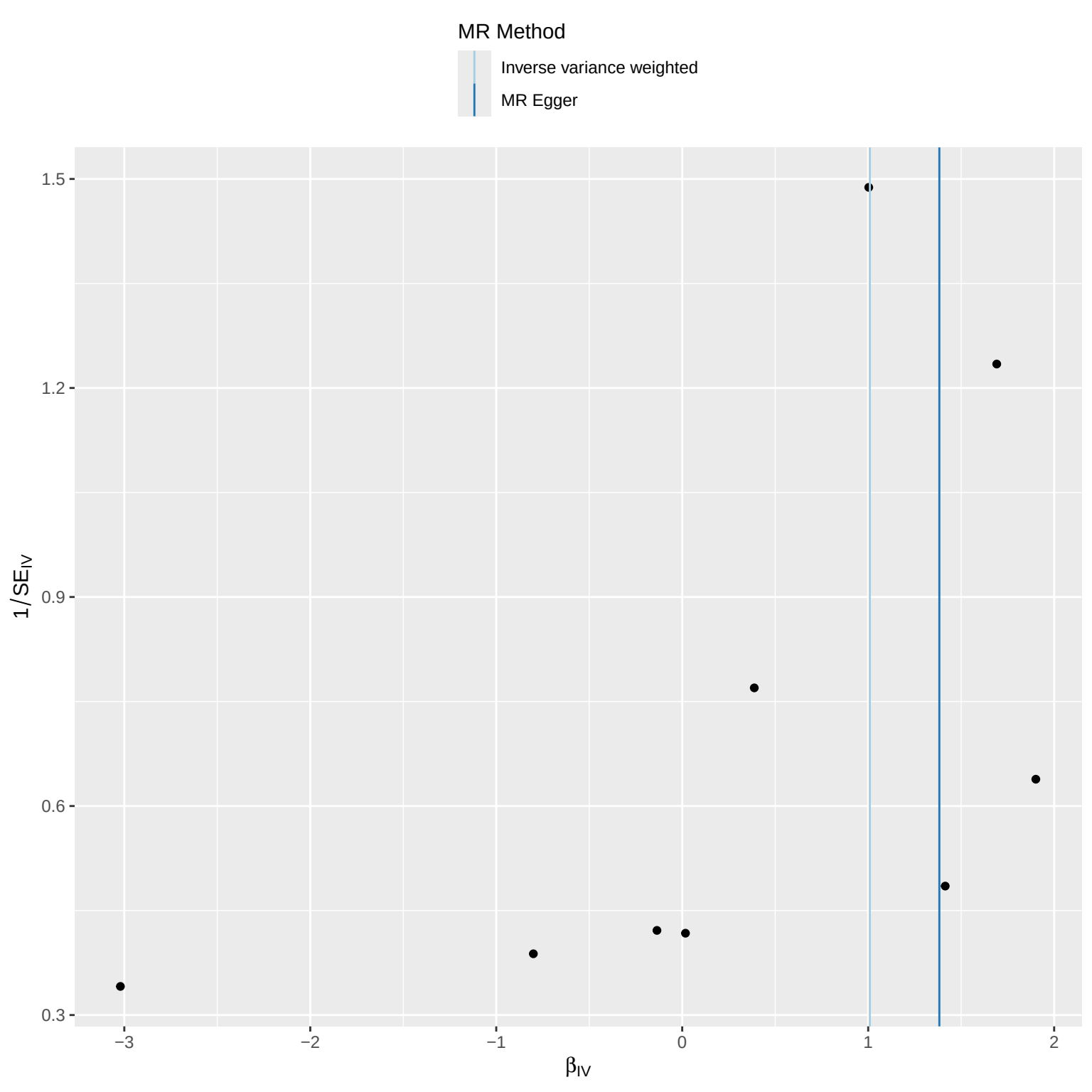

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
β_IV

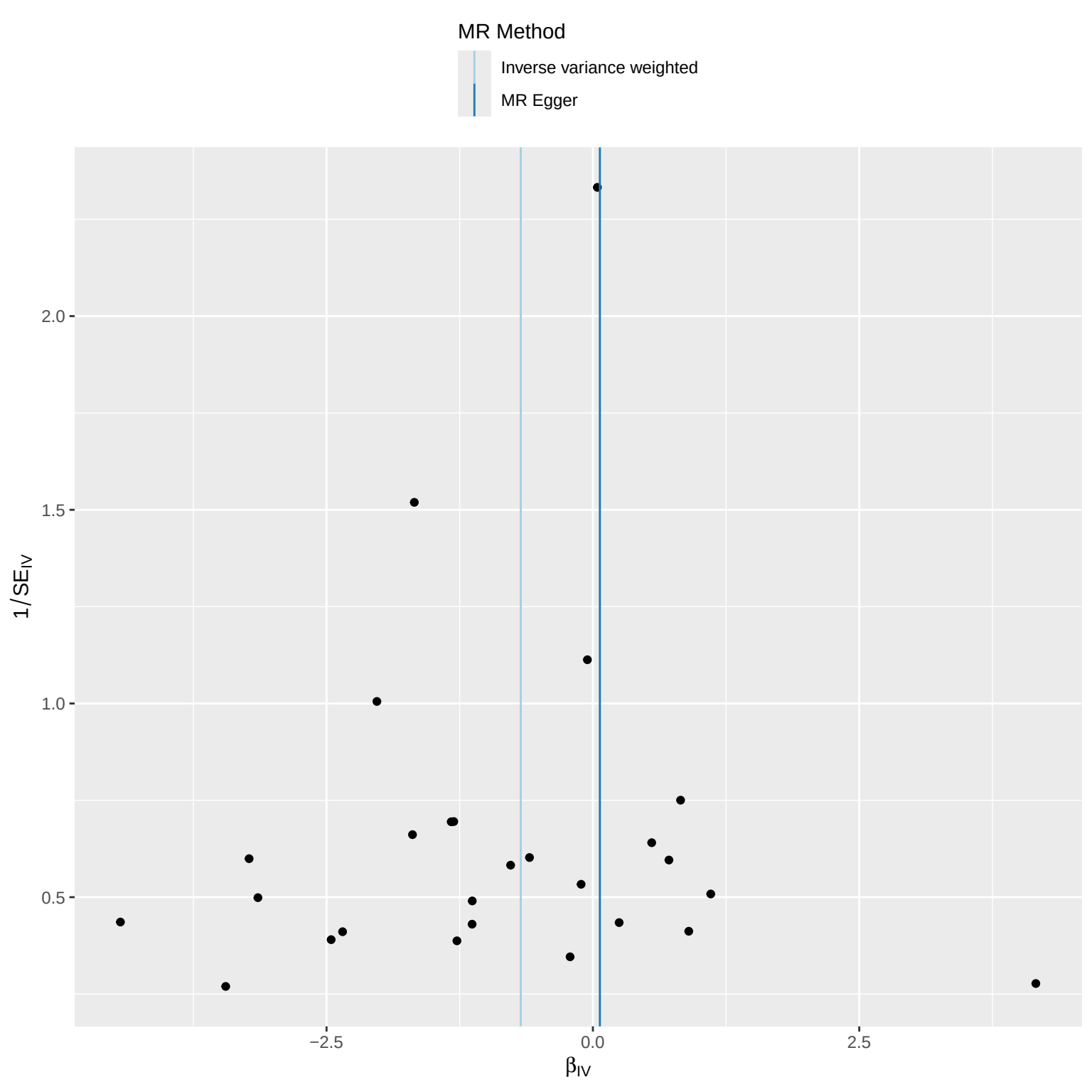

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
0.75
1.00
1.25
1.50
1.75
2.00
β_IV

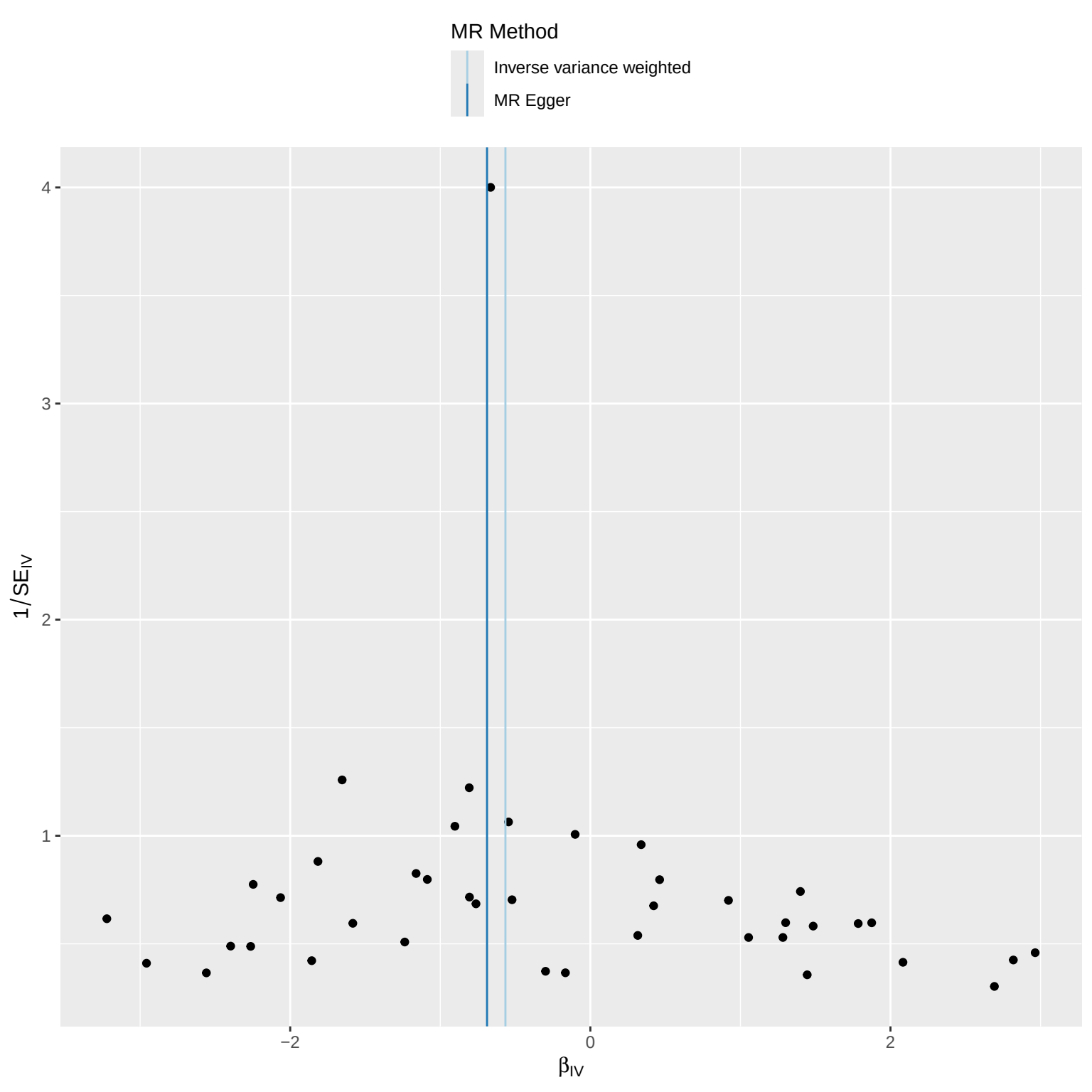

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

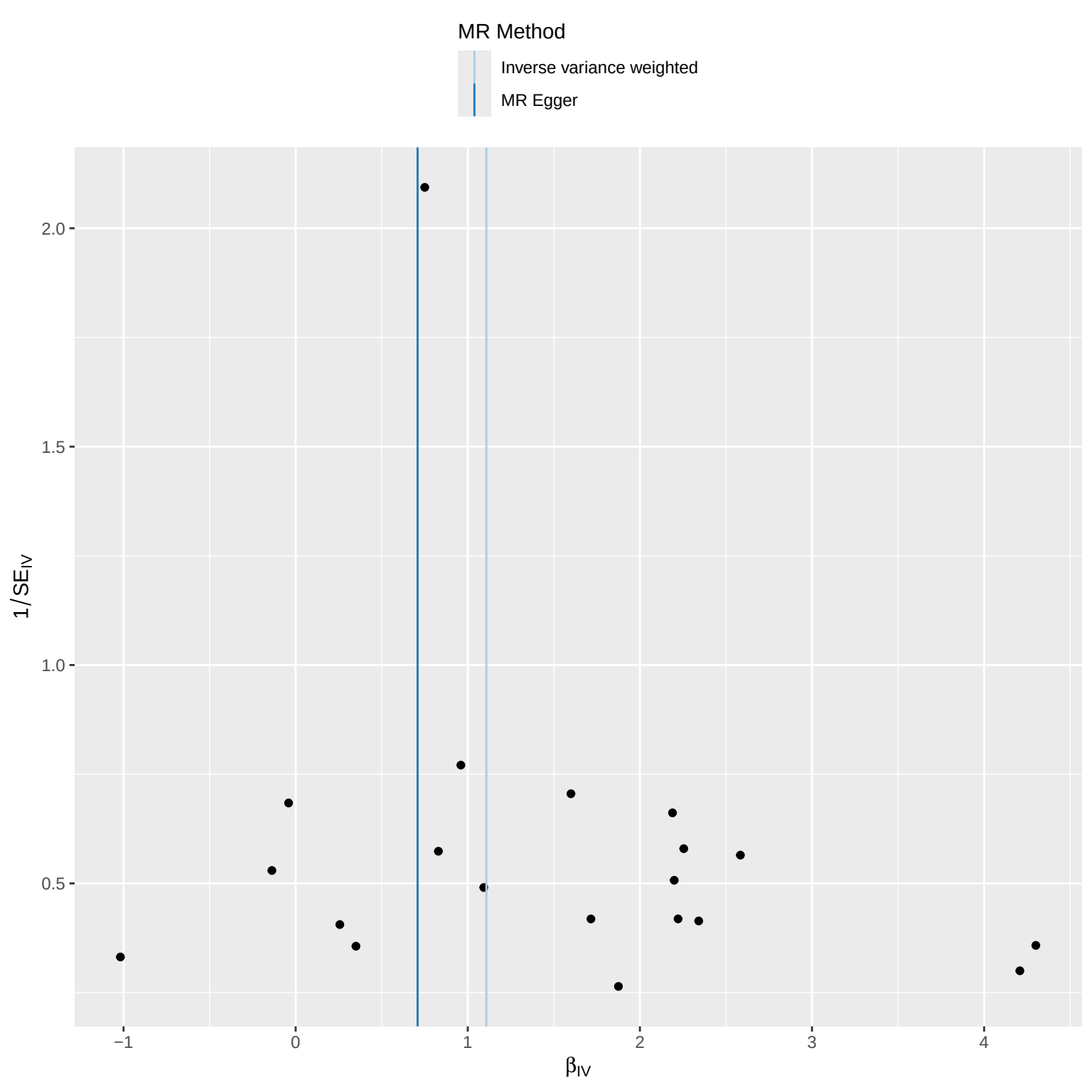

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

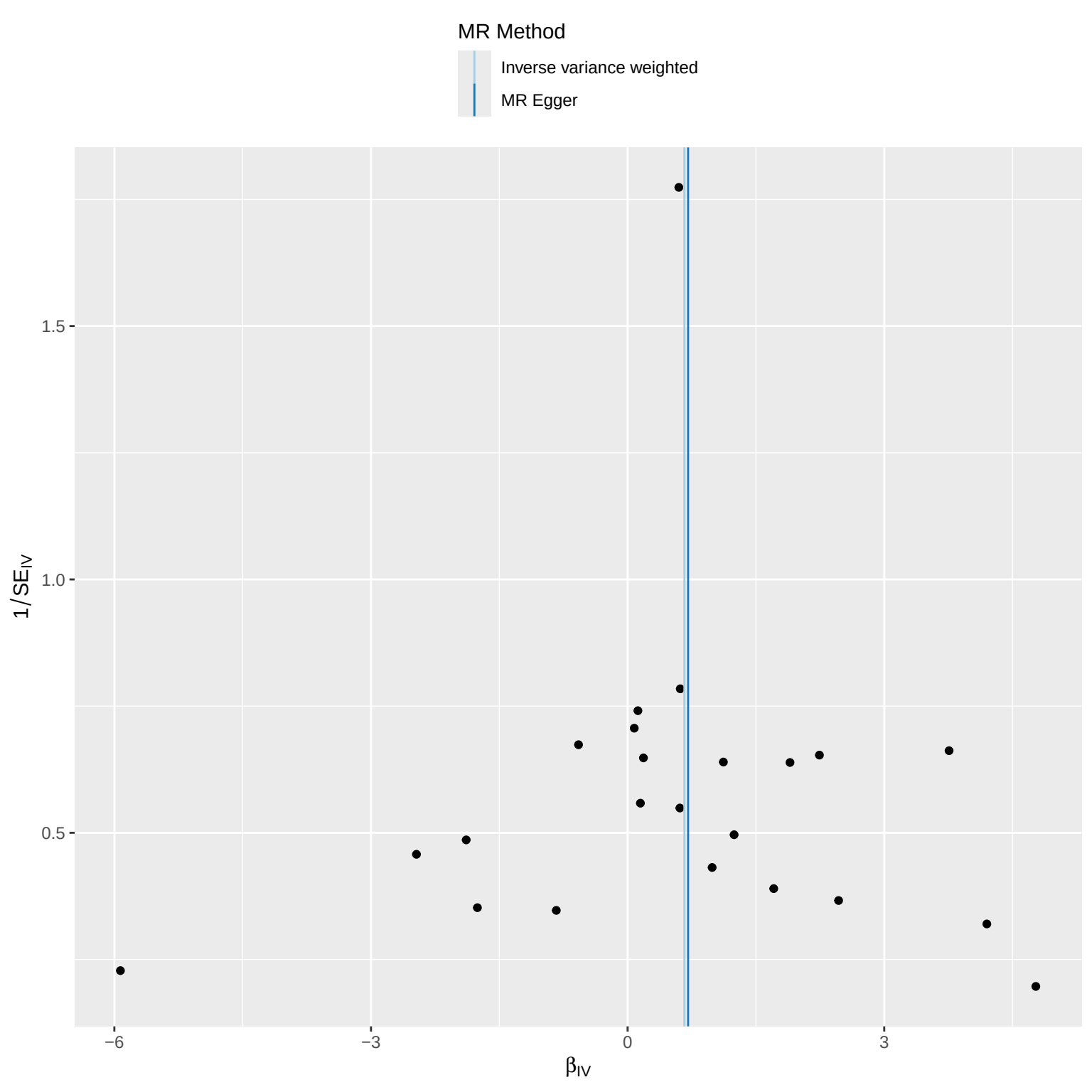

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

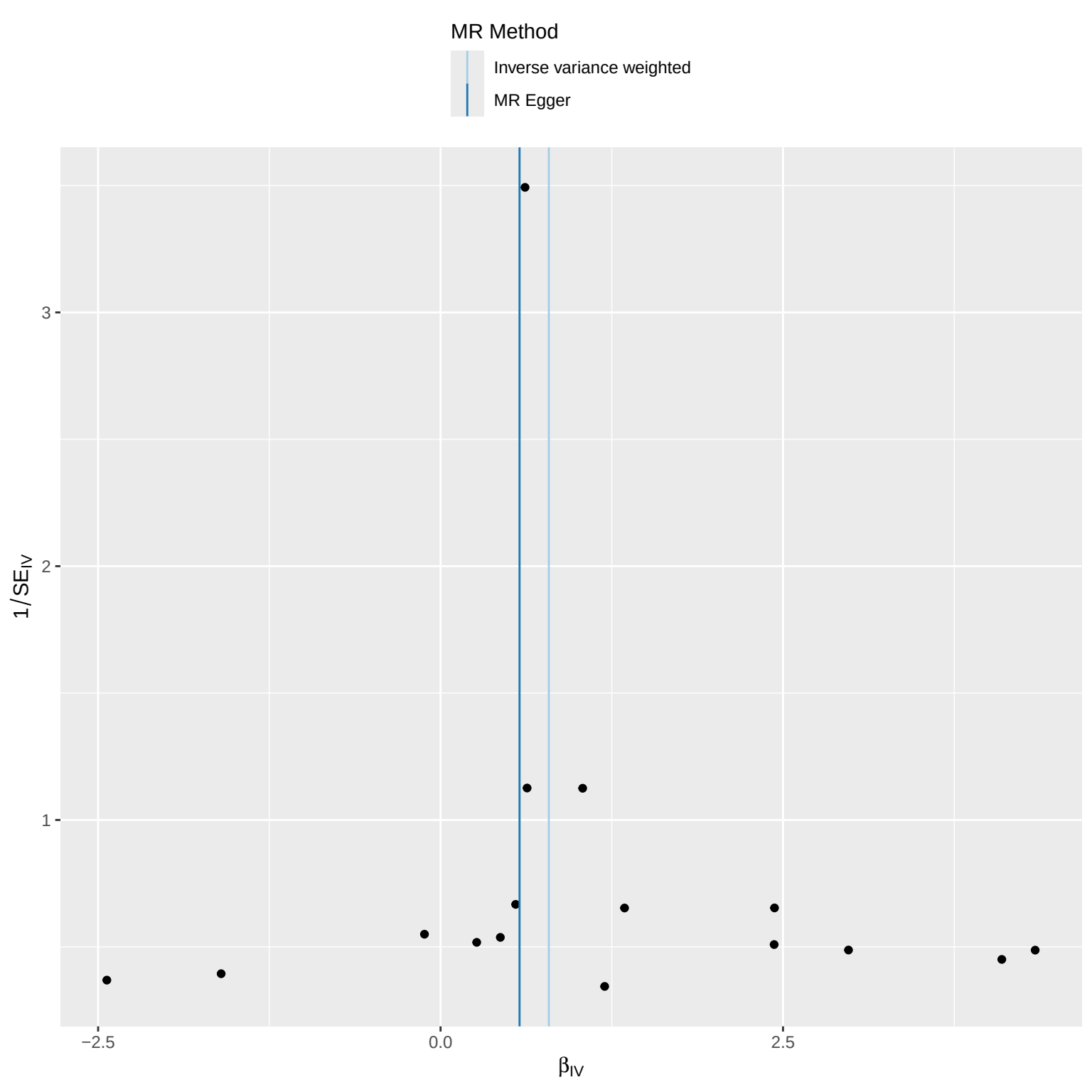

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−3
−2
−1
0
1
2
β_IV

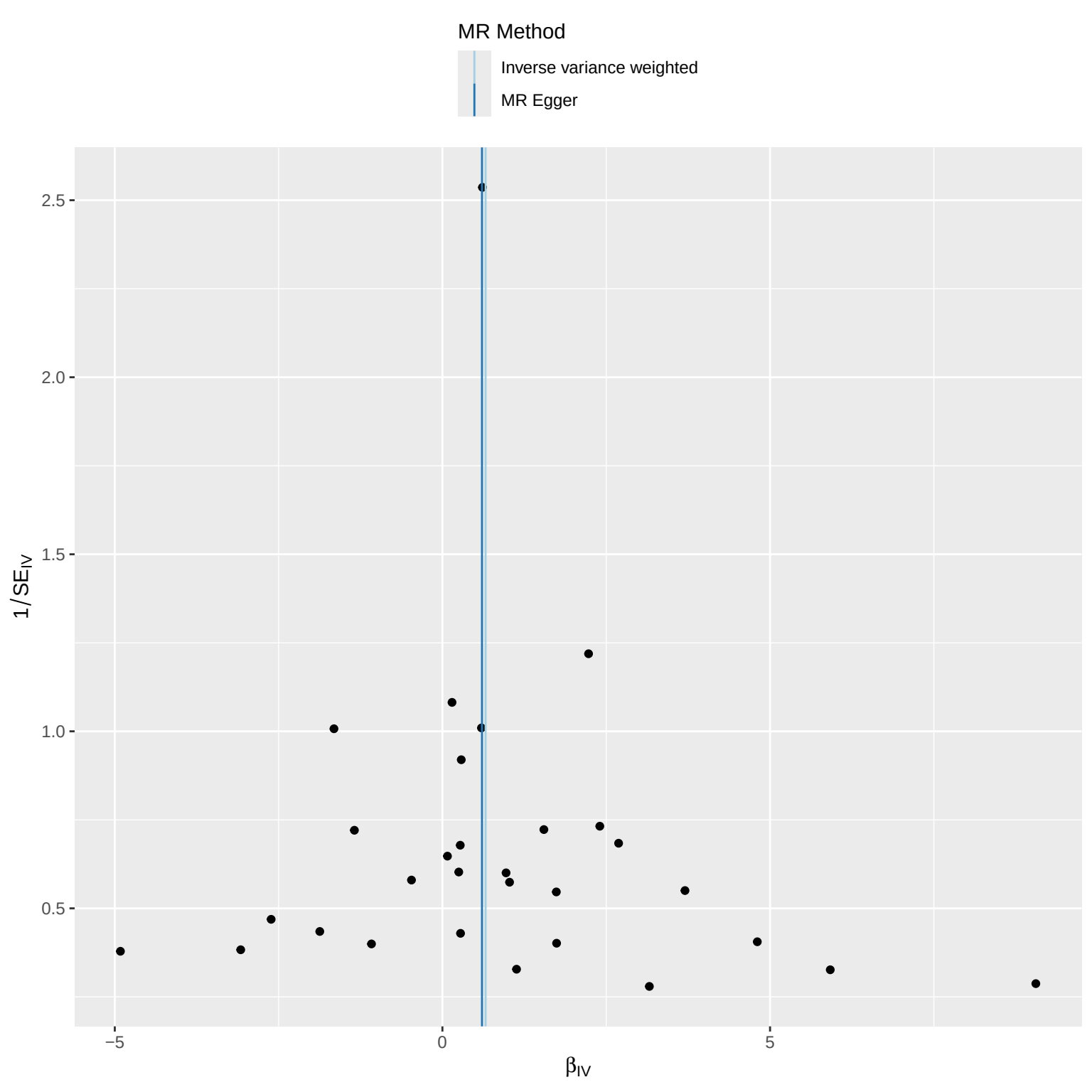

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

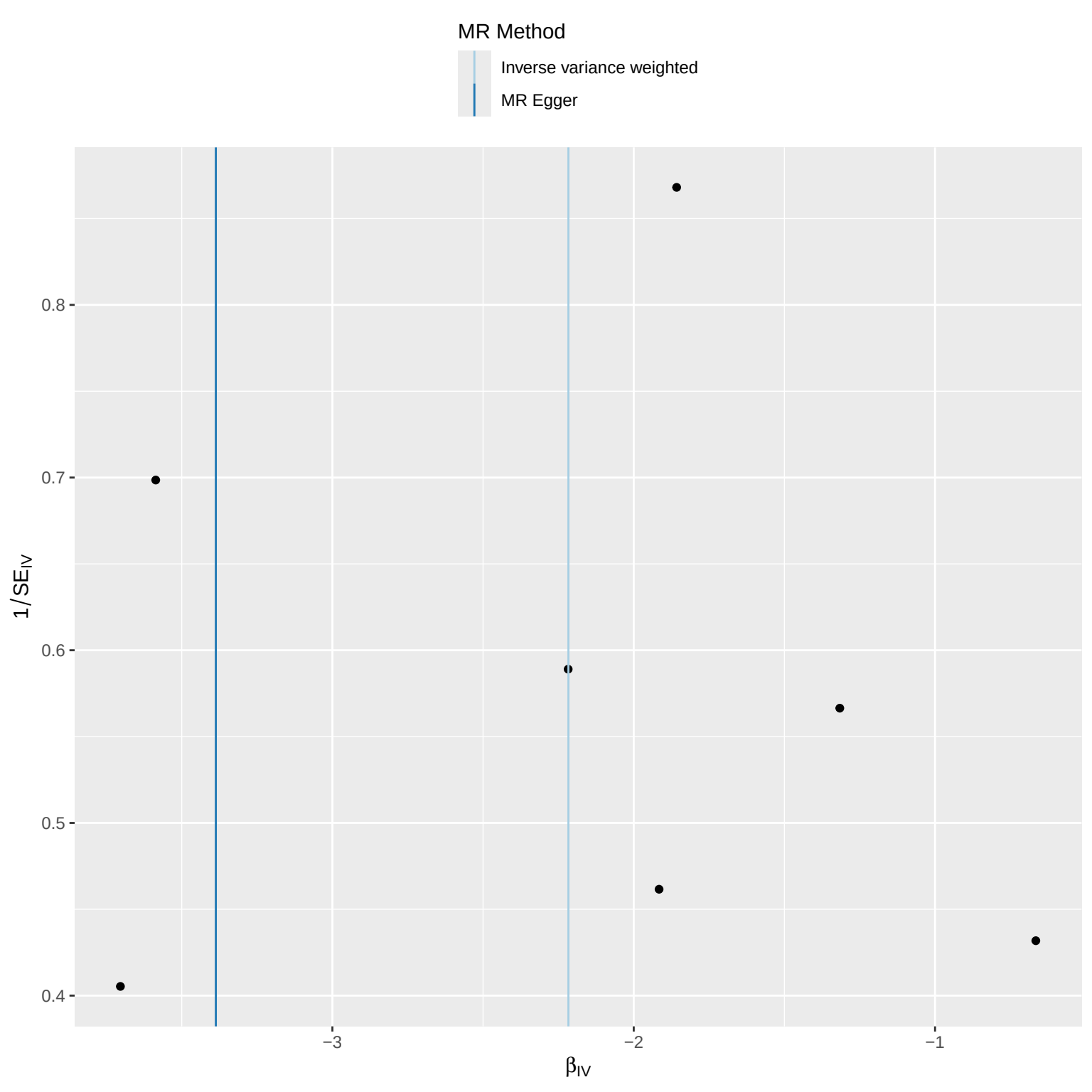

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

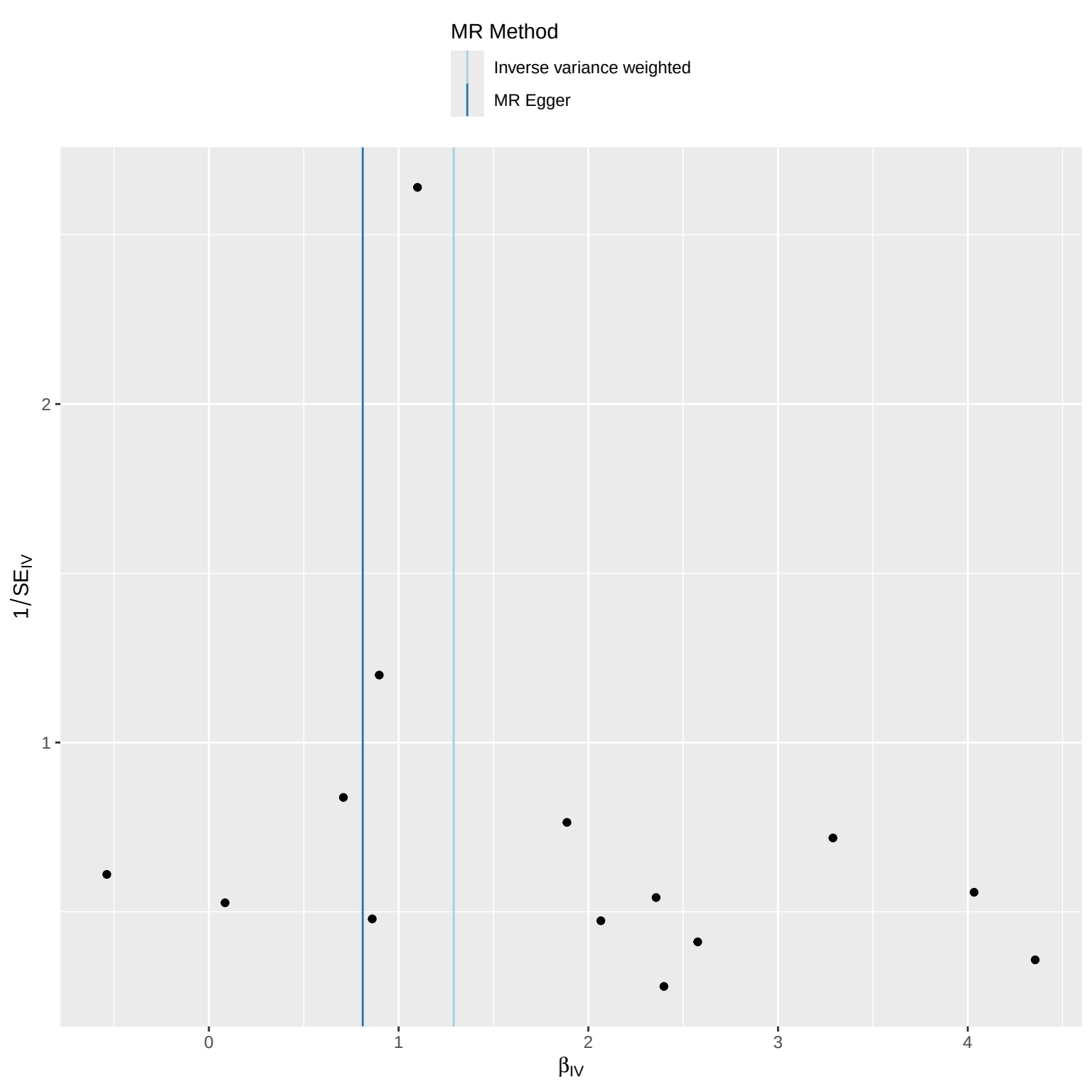

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

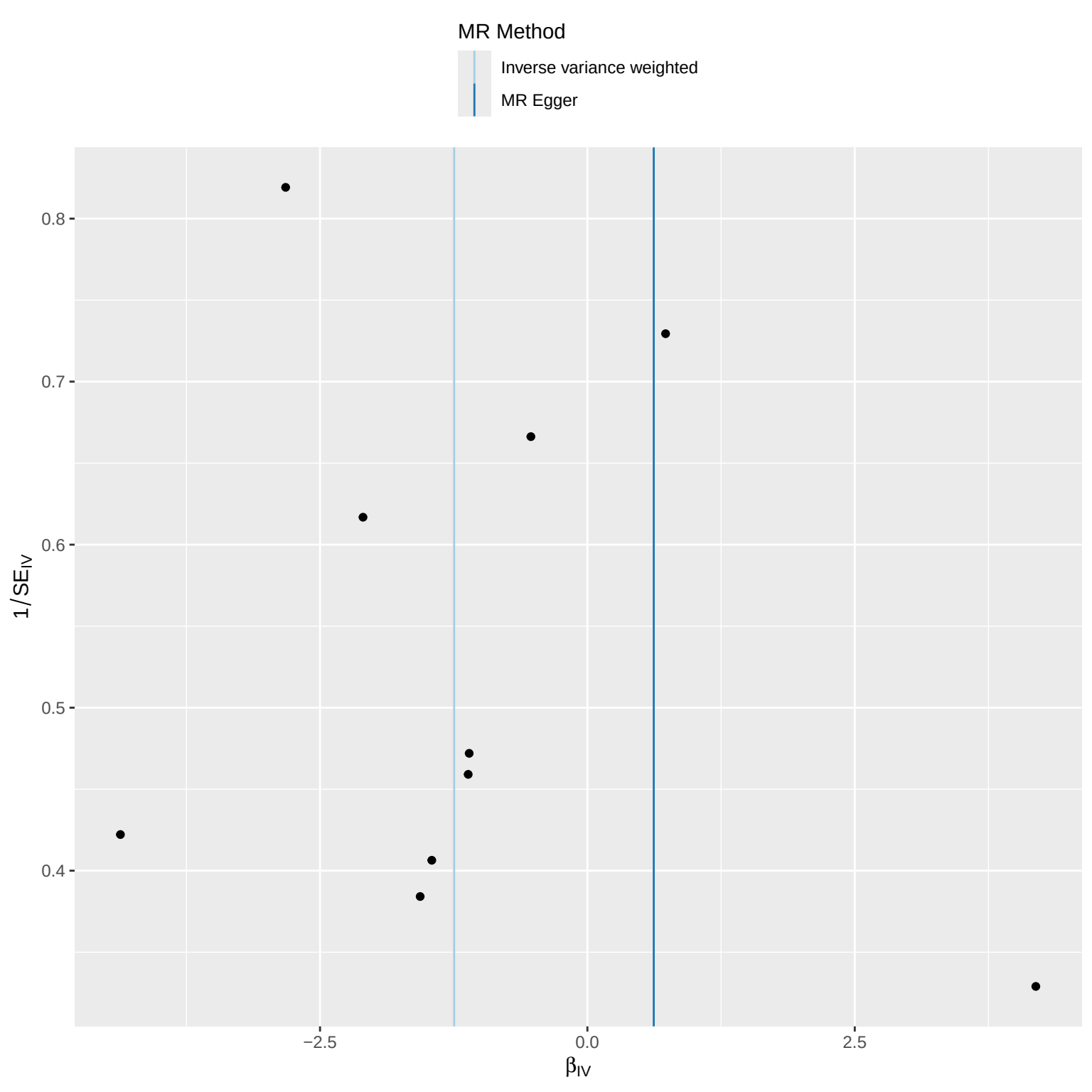

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−6
−3
0
3
β_IV

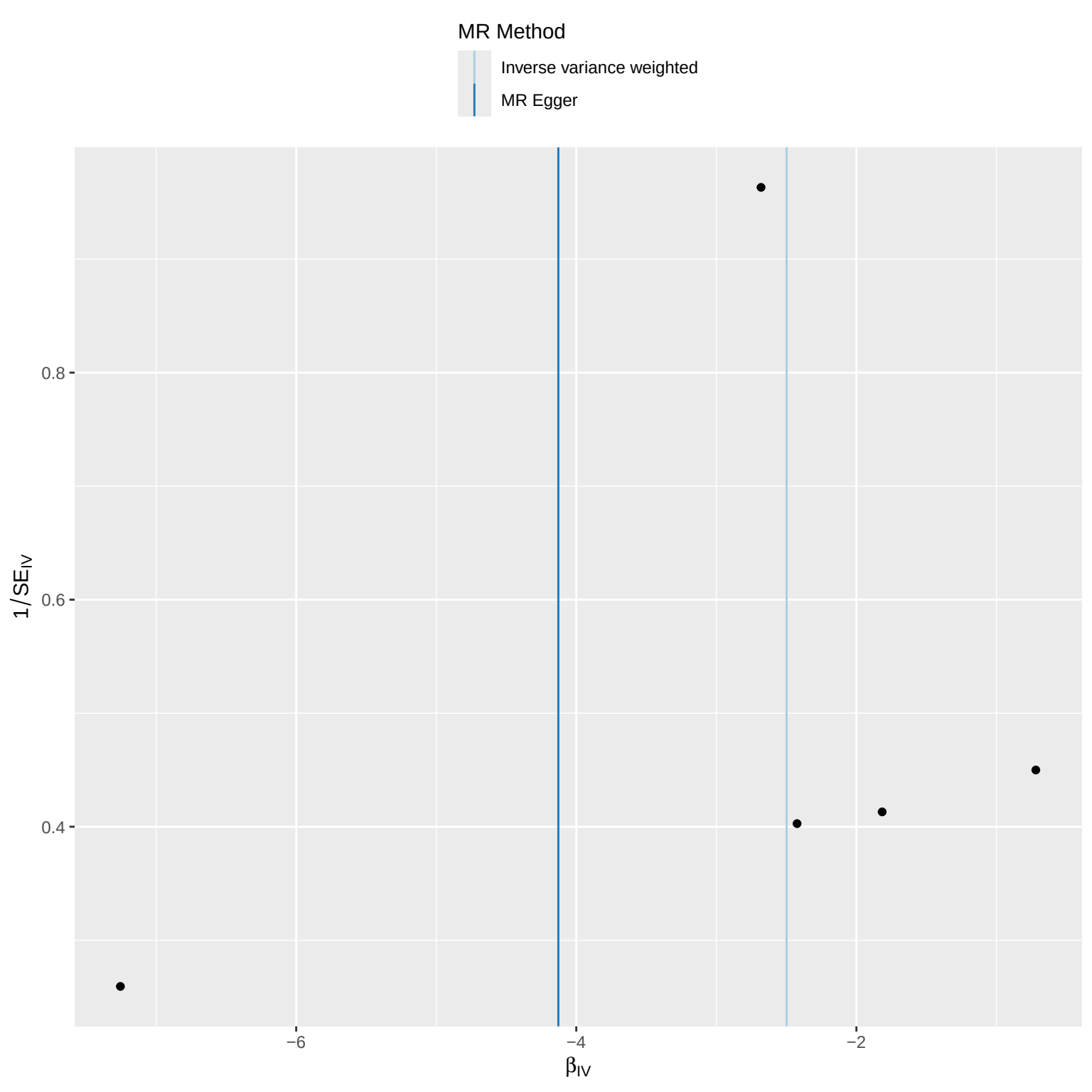

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

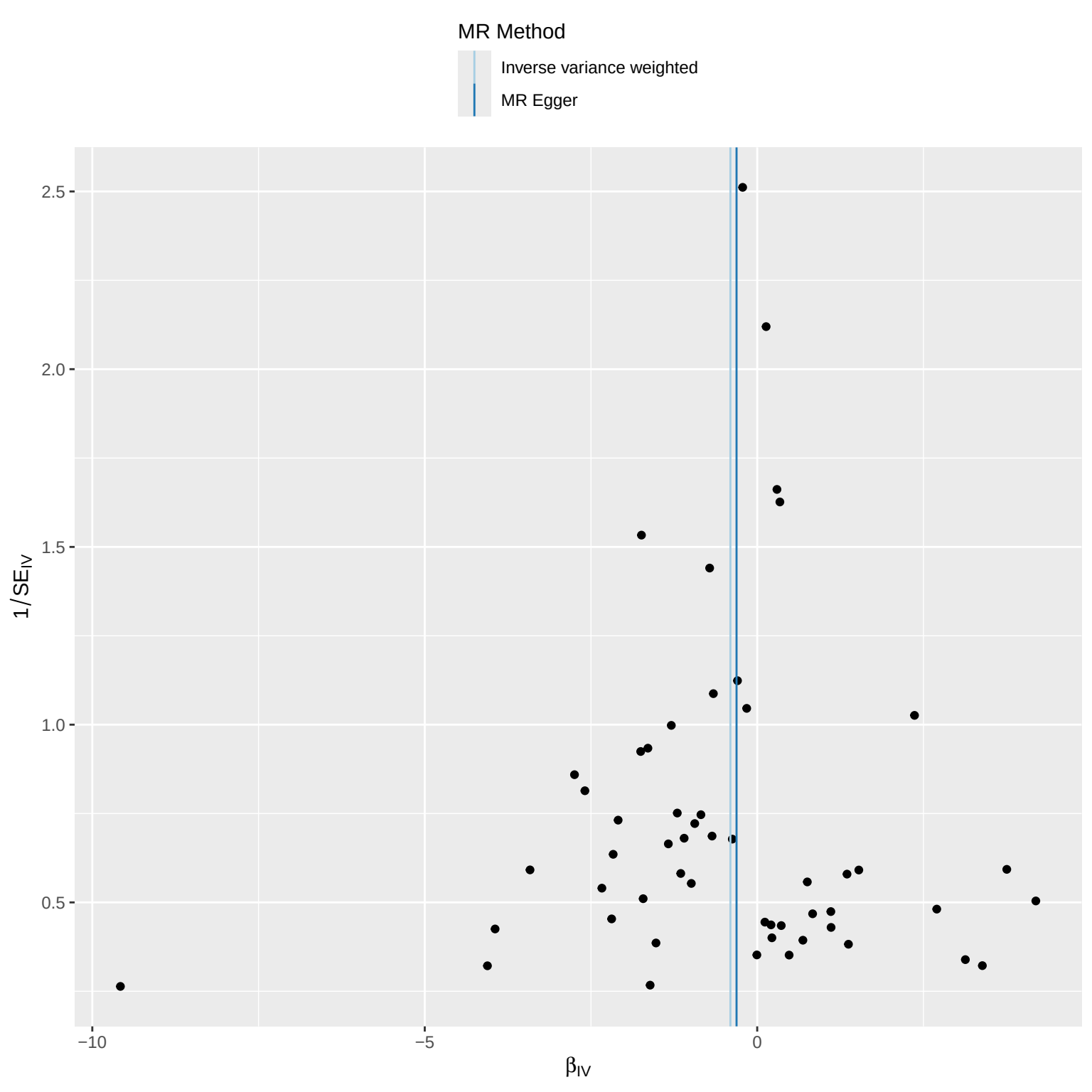

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5
0
5
β_IV

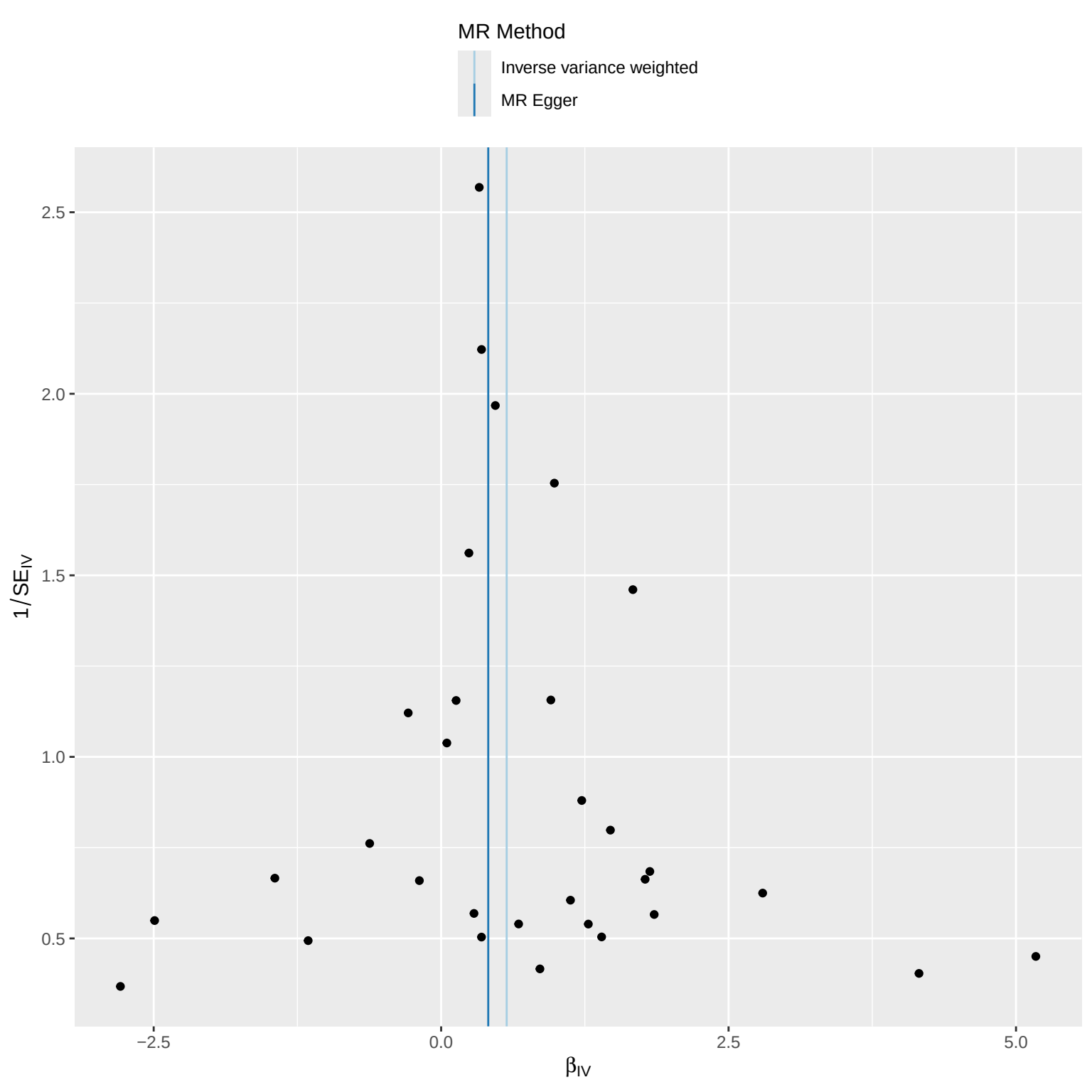

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−3
−2
−1
β_IV

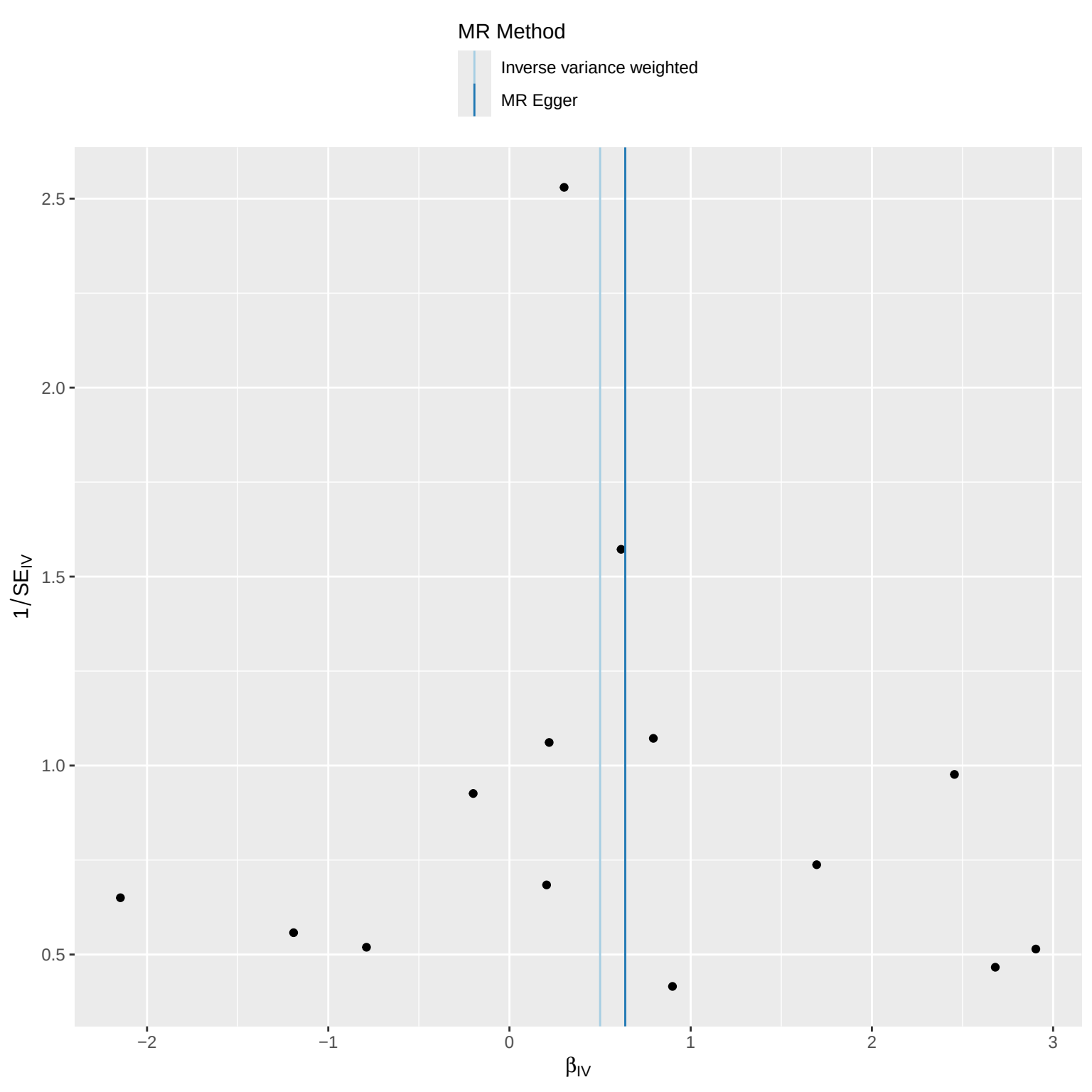

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0
1
2
3
4
β_IV

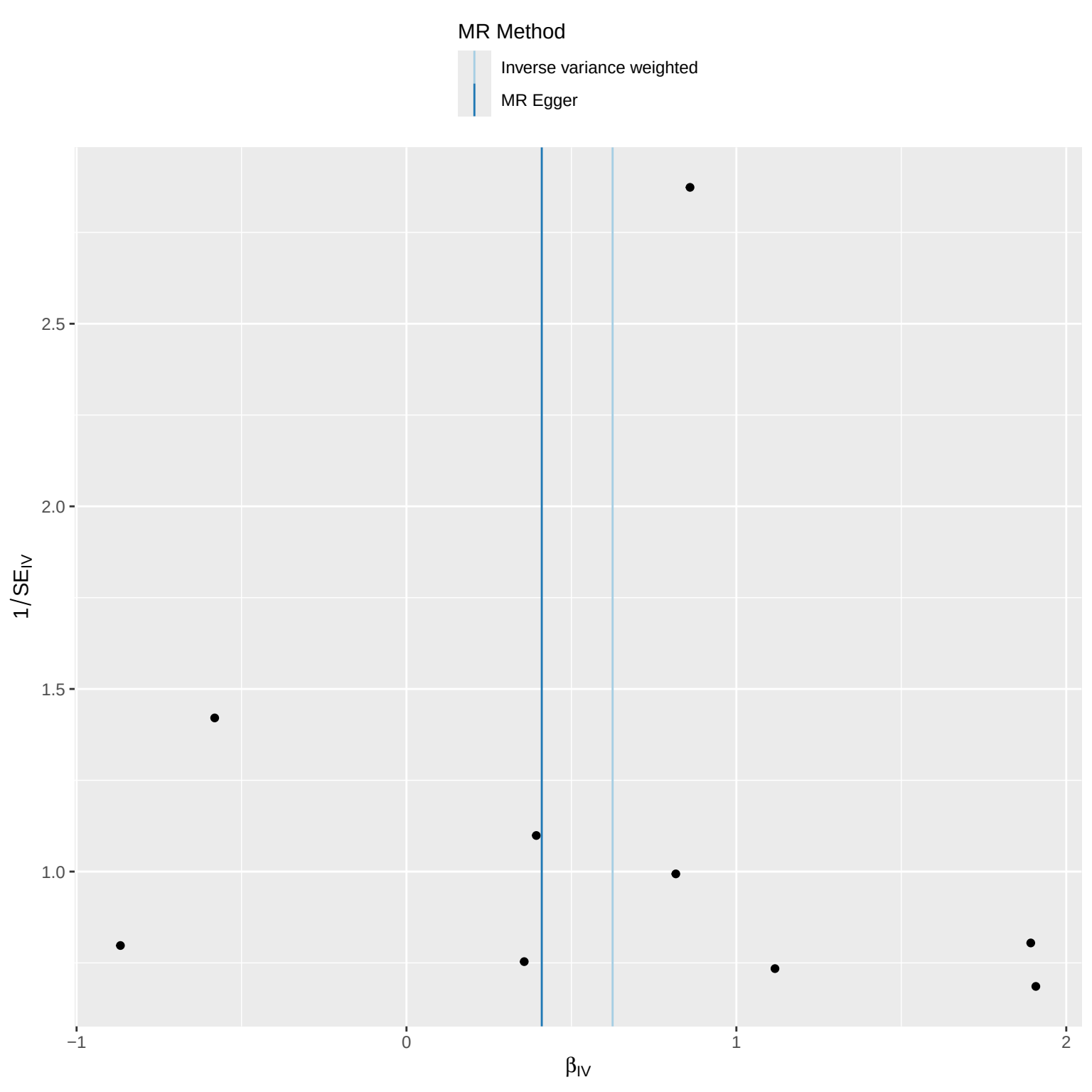

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−2.5
0.0
2.5
β_IV

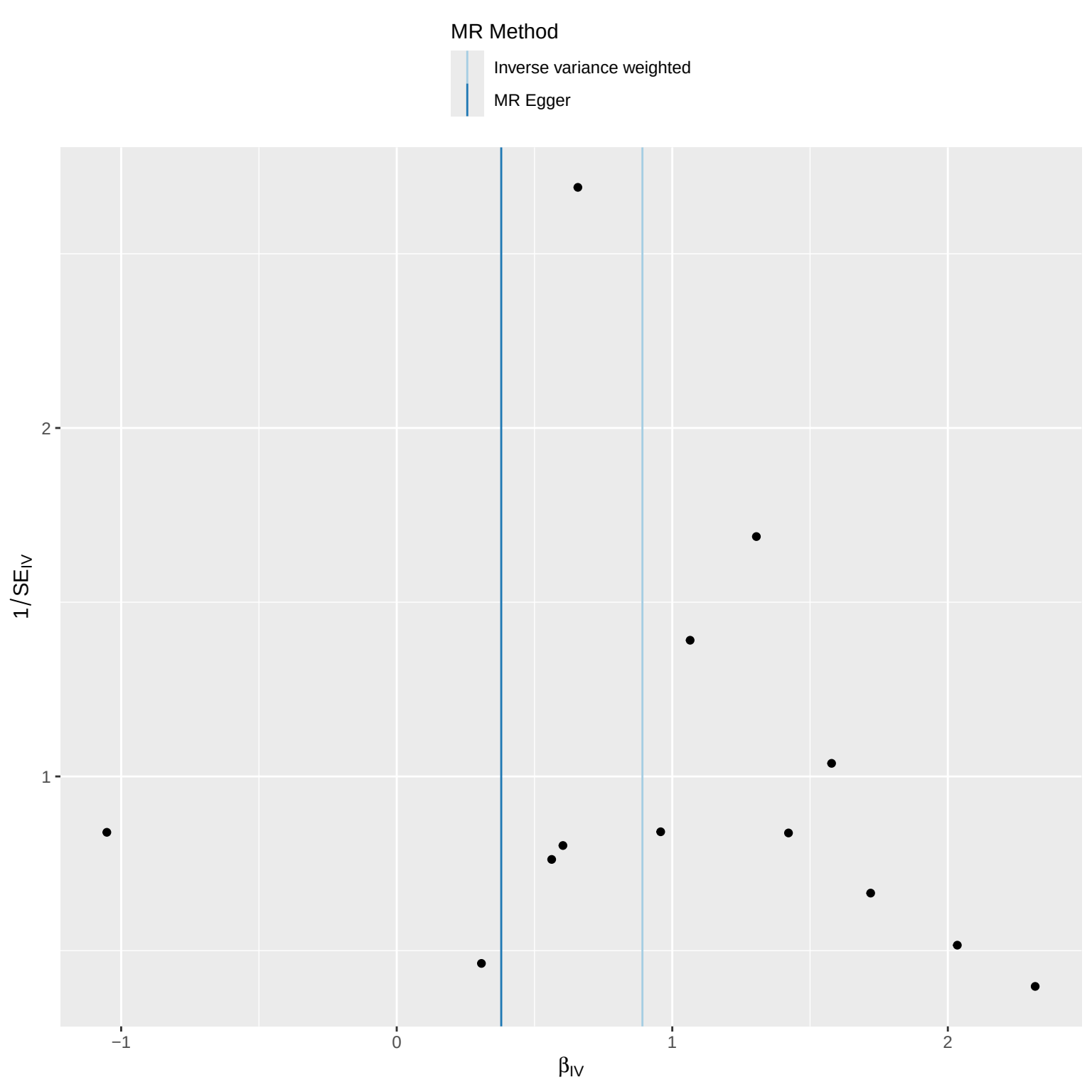

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
β_IV

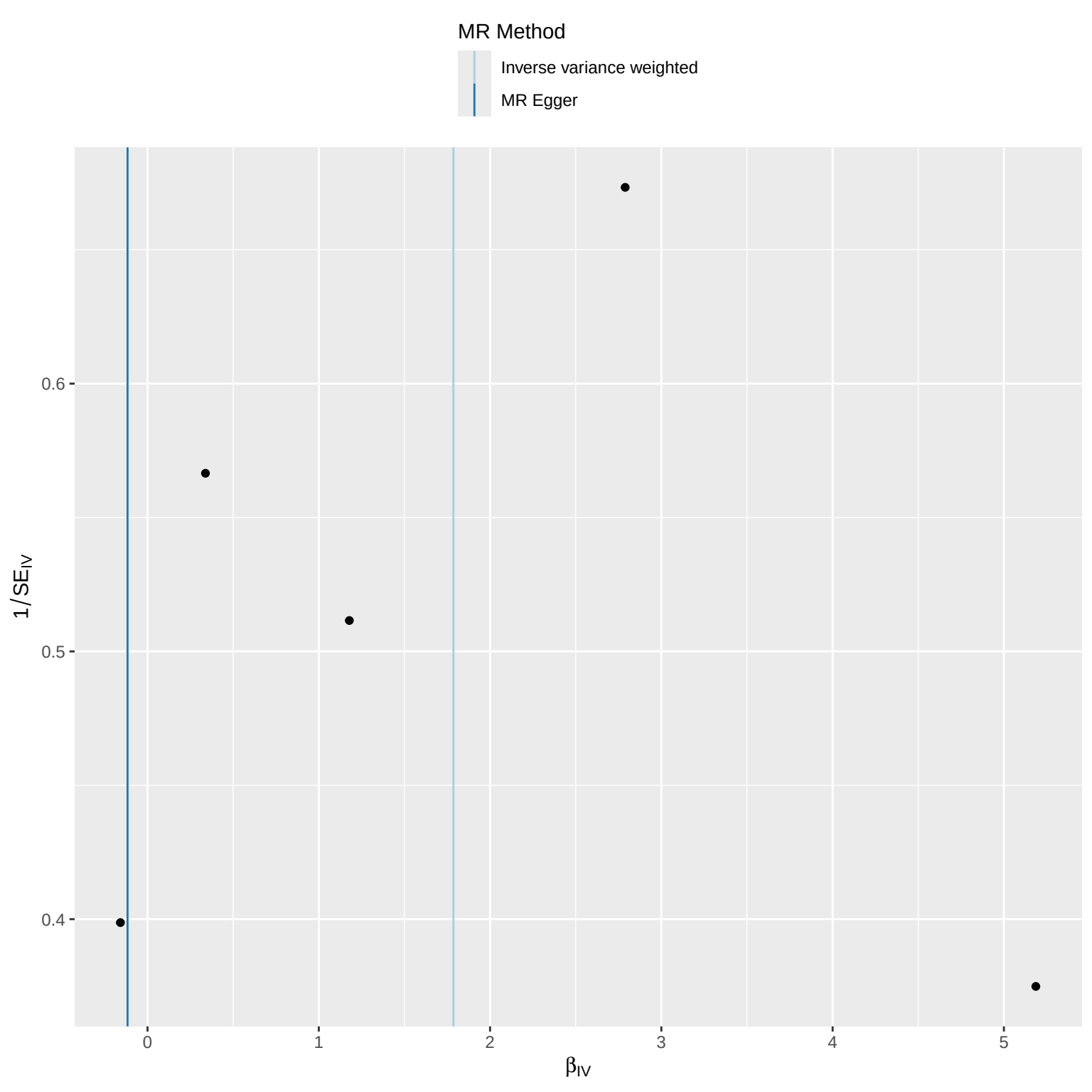

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−10
−5
0
β_IV

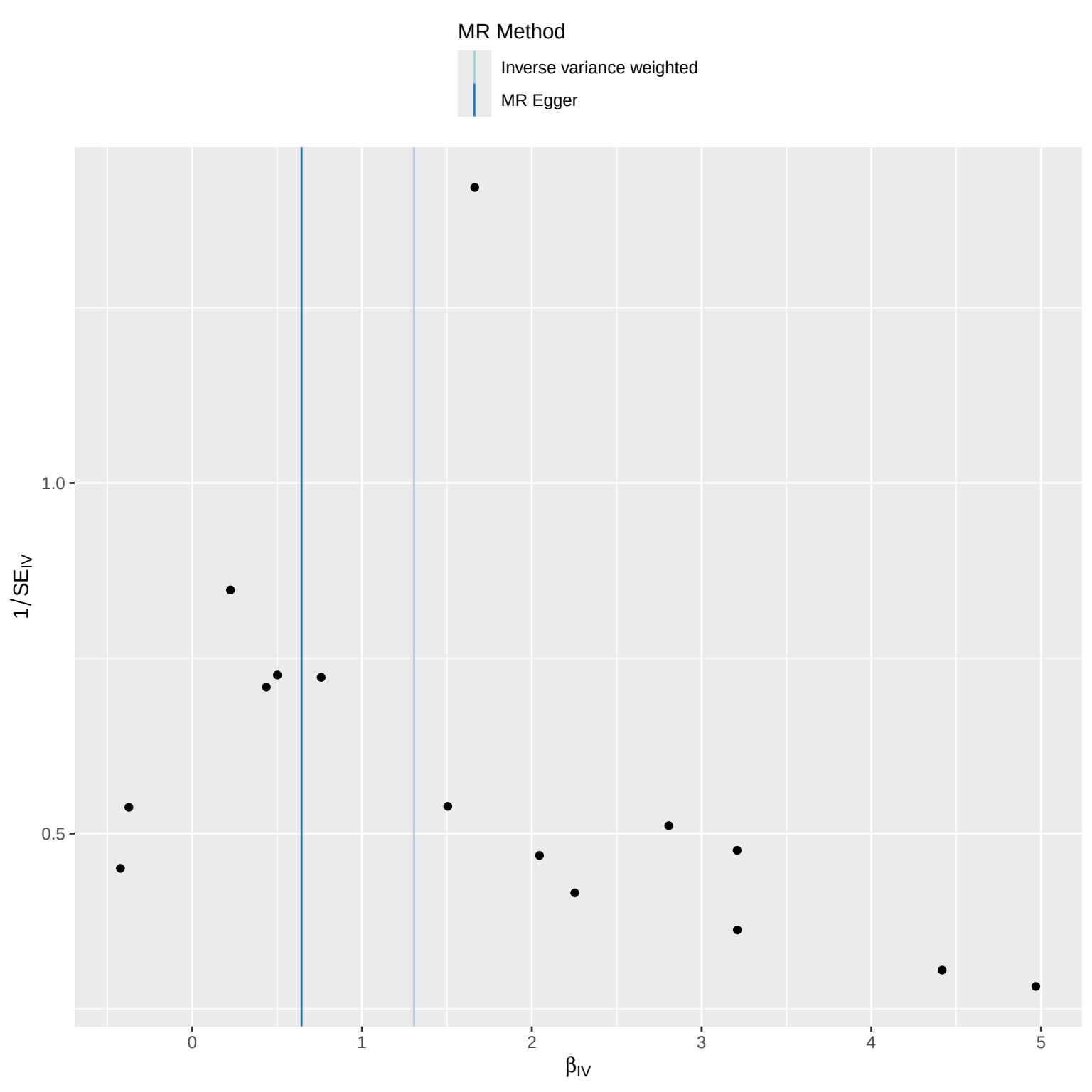

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

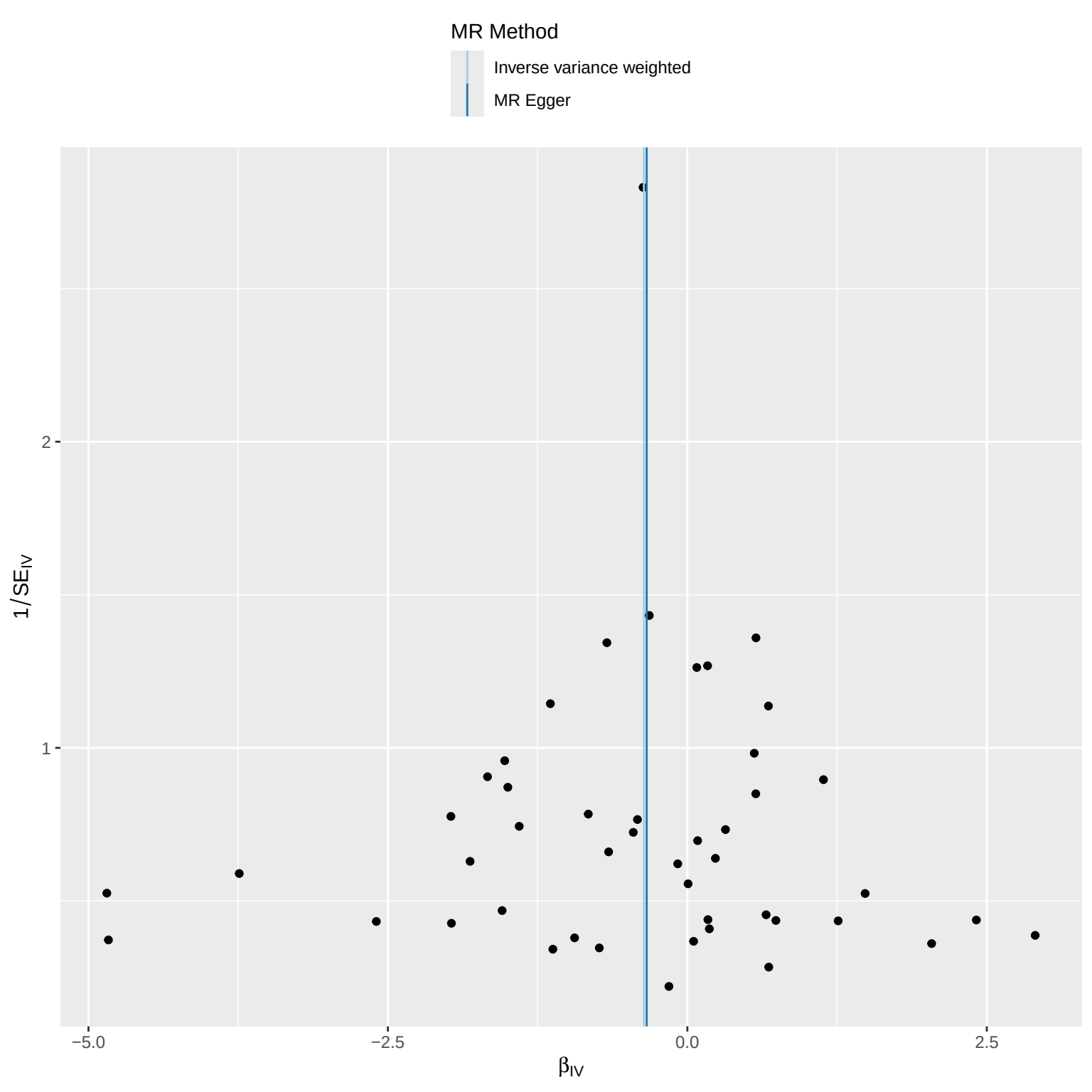

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

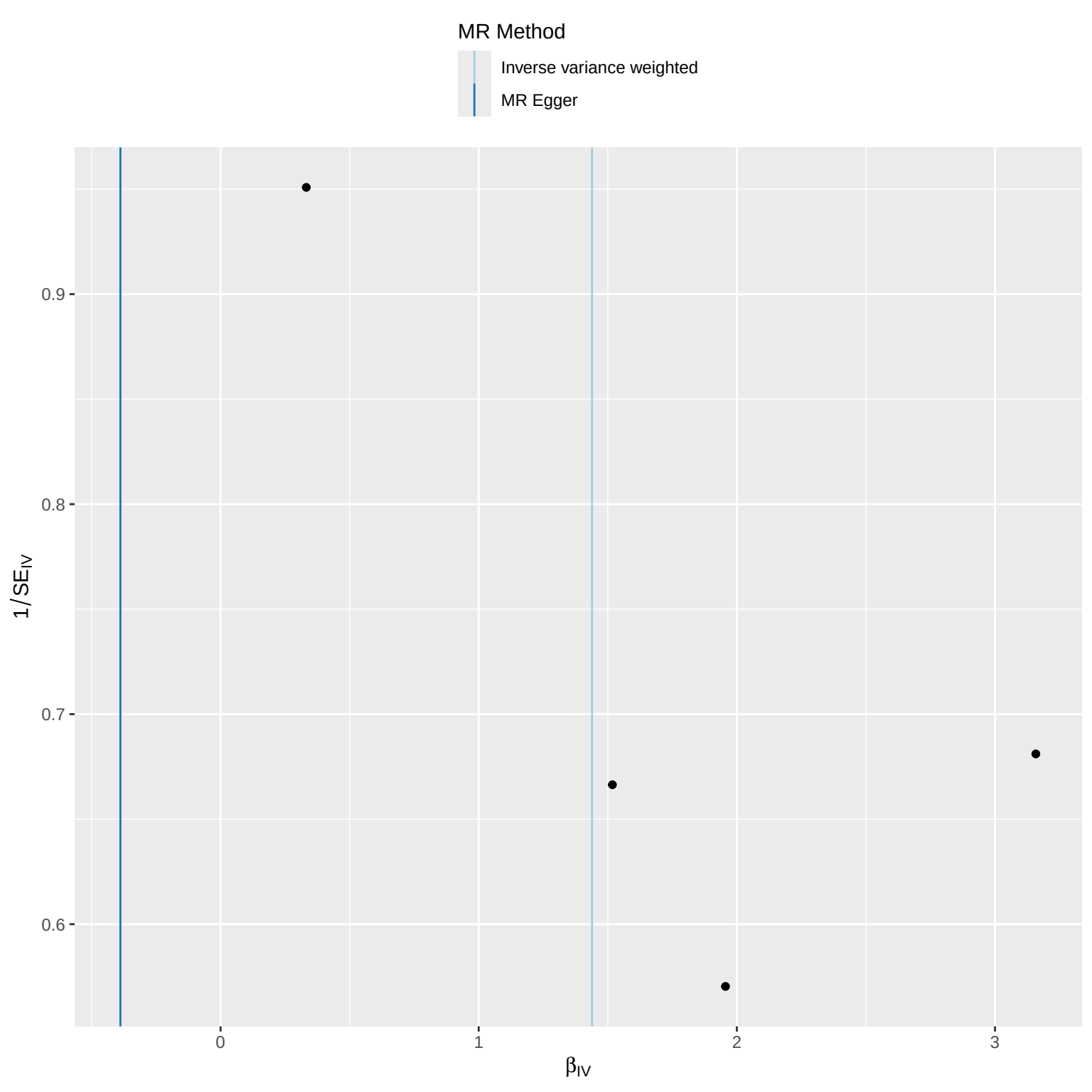

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

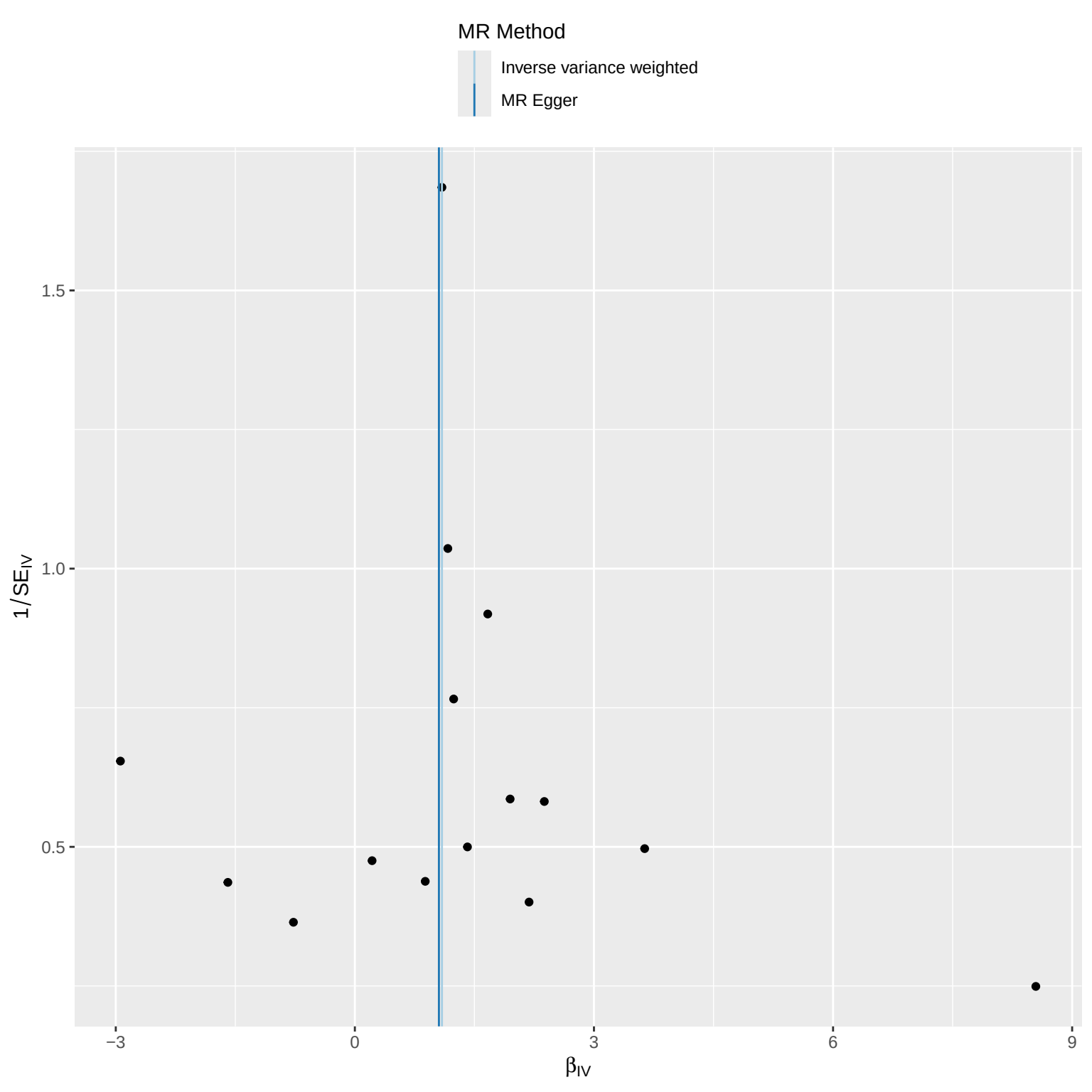

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

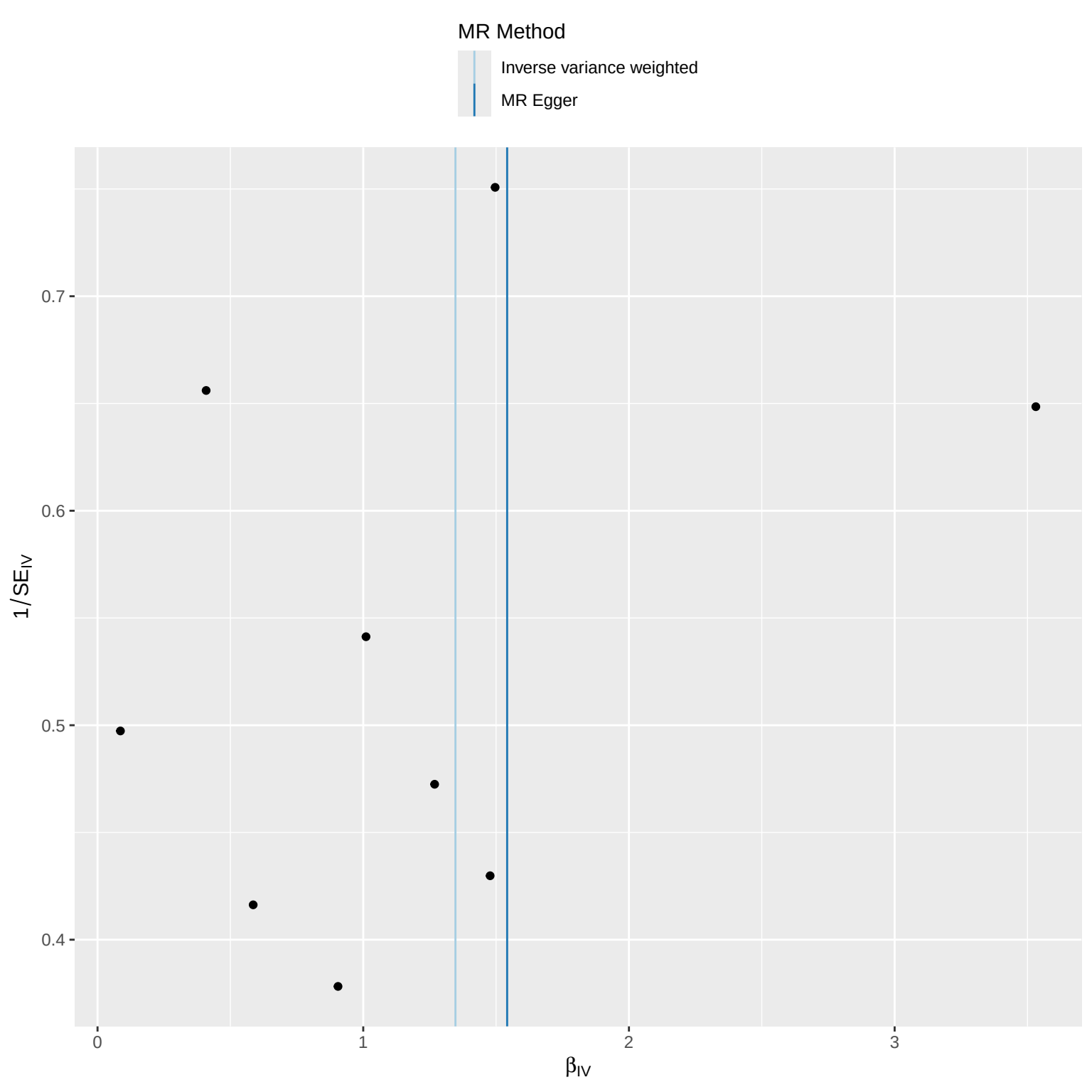

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
1/SE_IV
0
1
2
3
4
5
β_IV

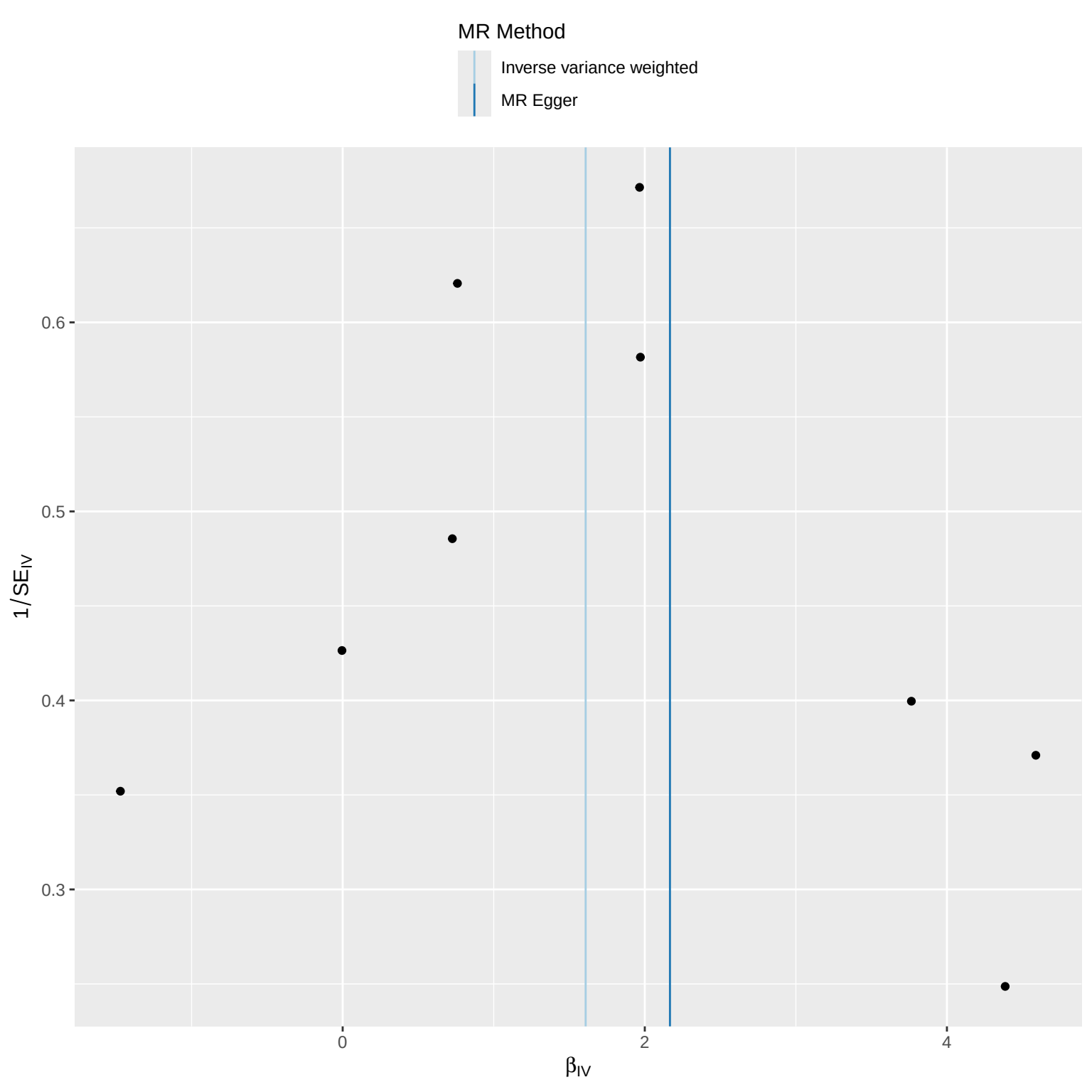

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
$1/SE_{IV}$
0
1
2
3
4
5
β_{IV}

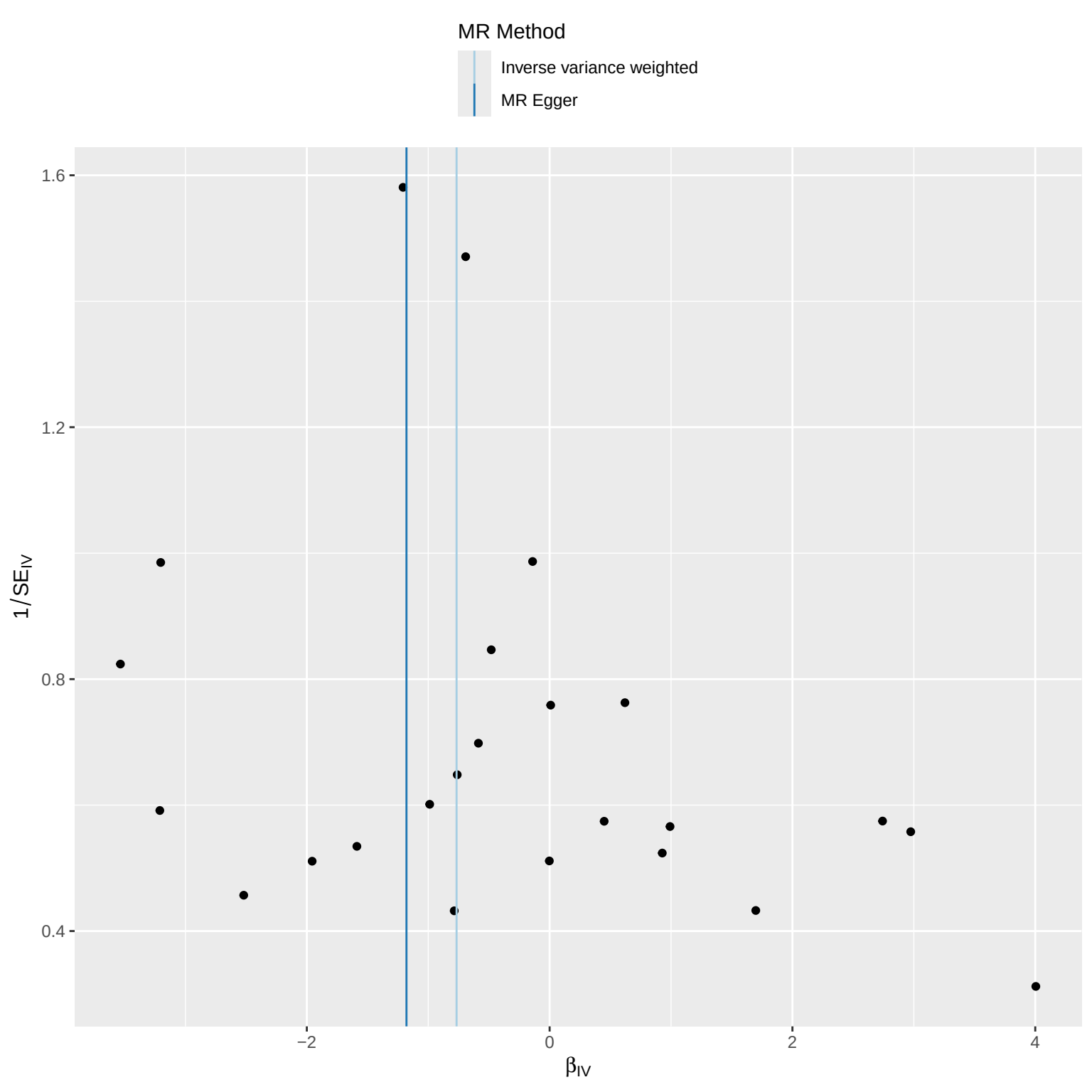

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

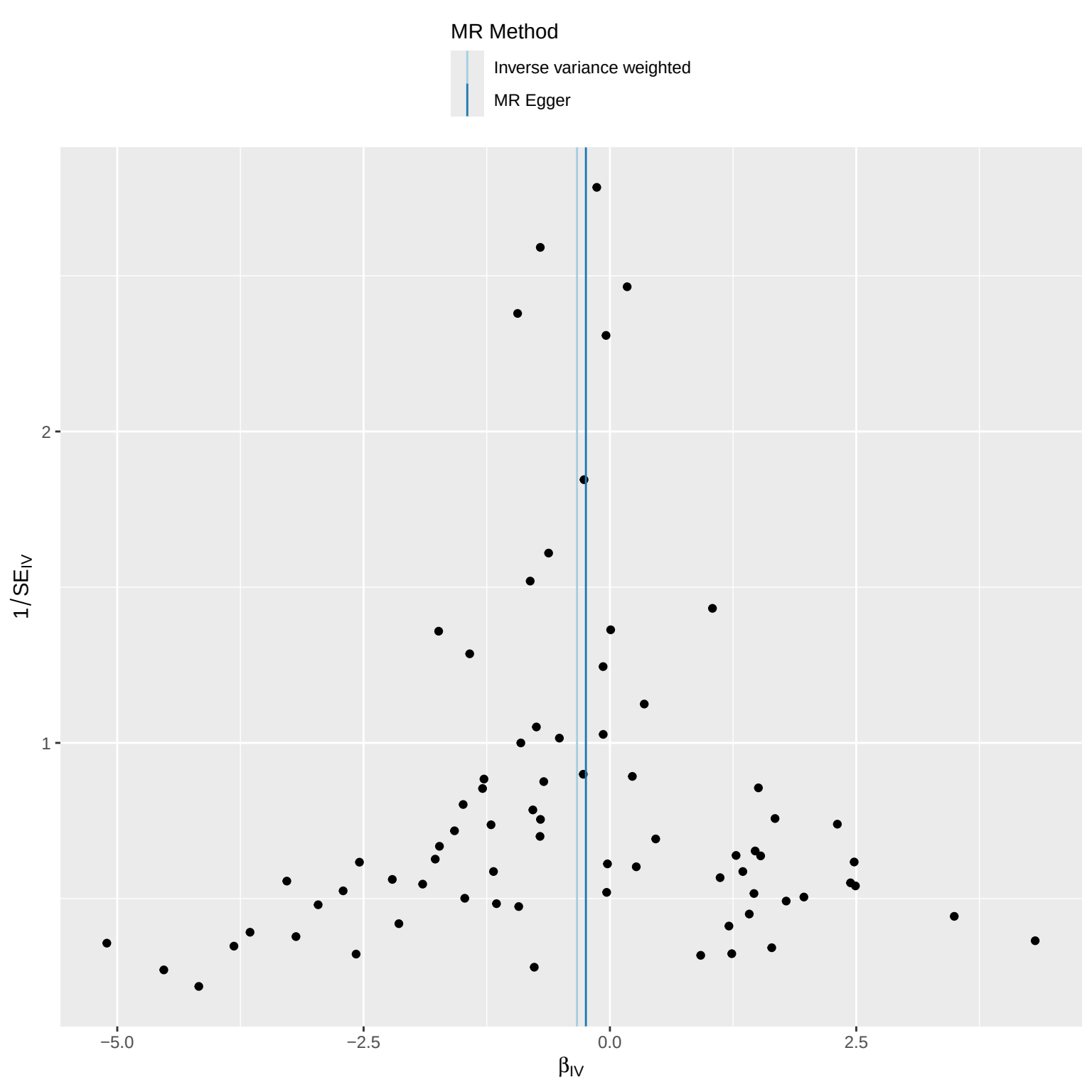

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
1/SE_IV
0
1
2
3
β_IV

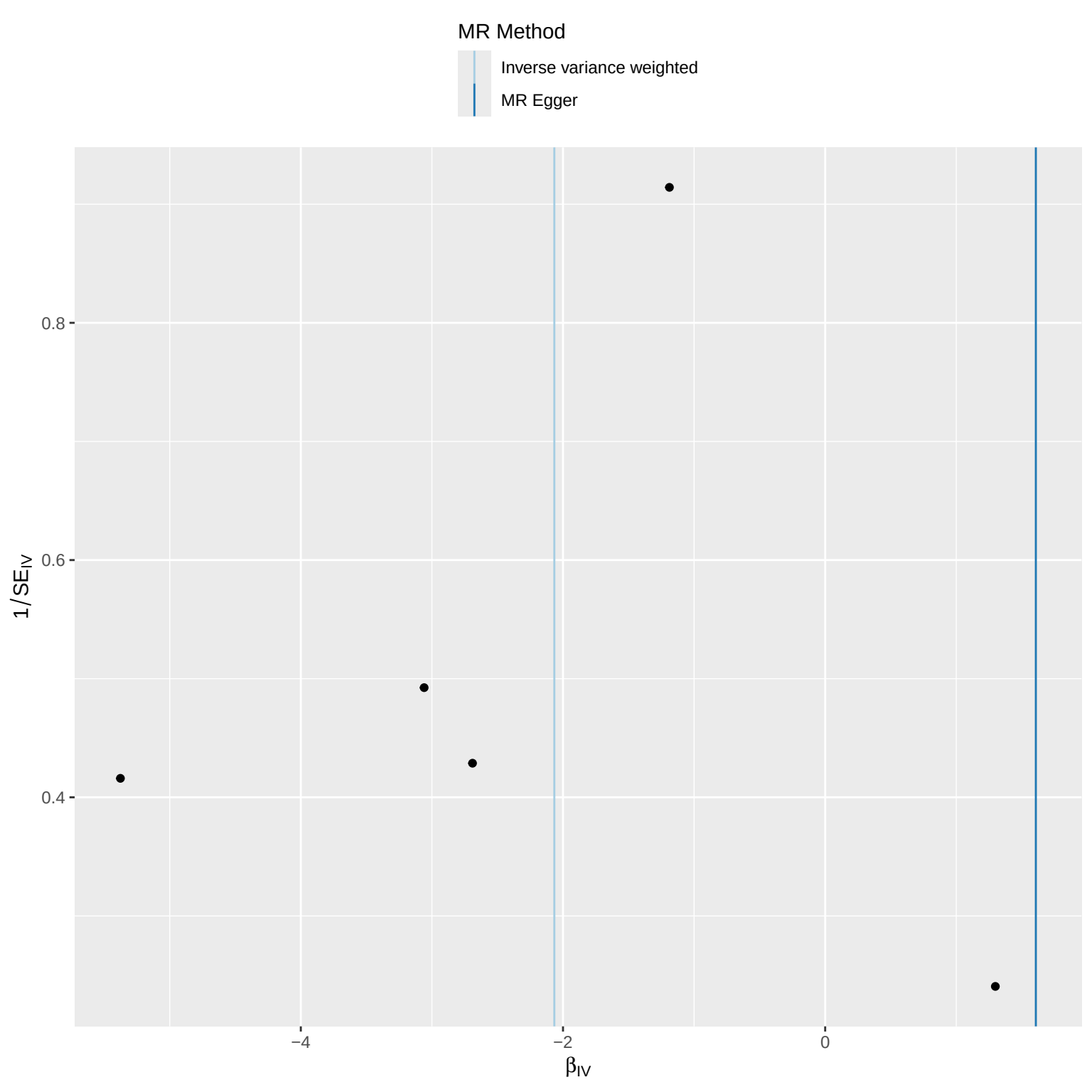

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
0
3
6
9
β_IV

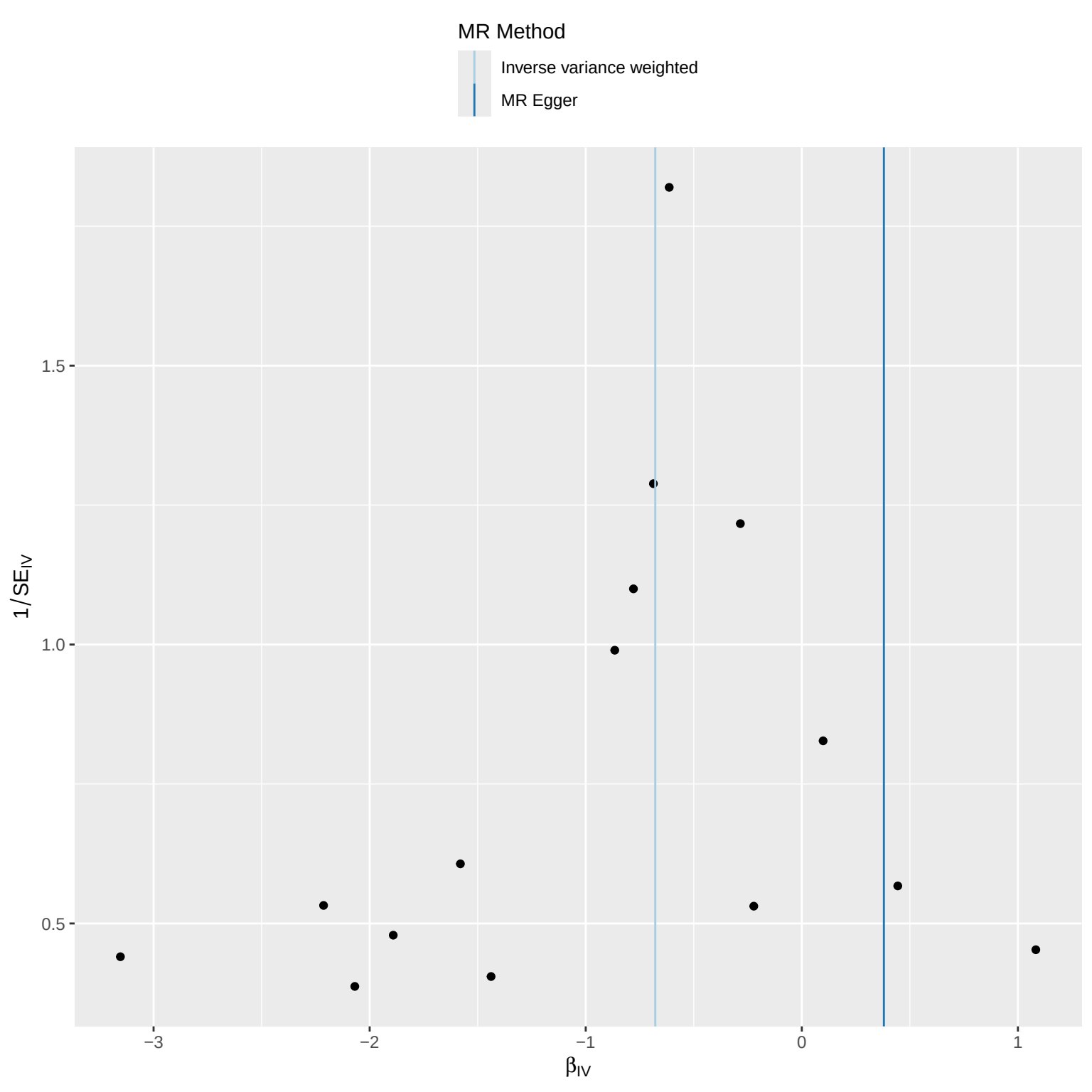

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
0
1
2
3
β_IV

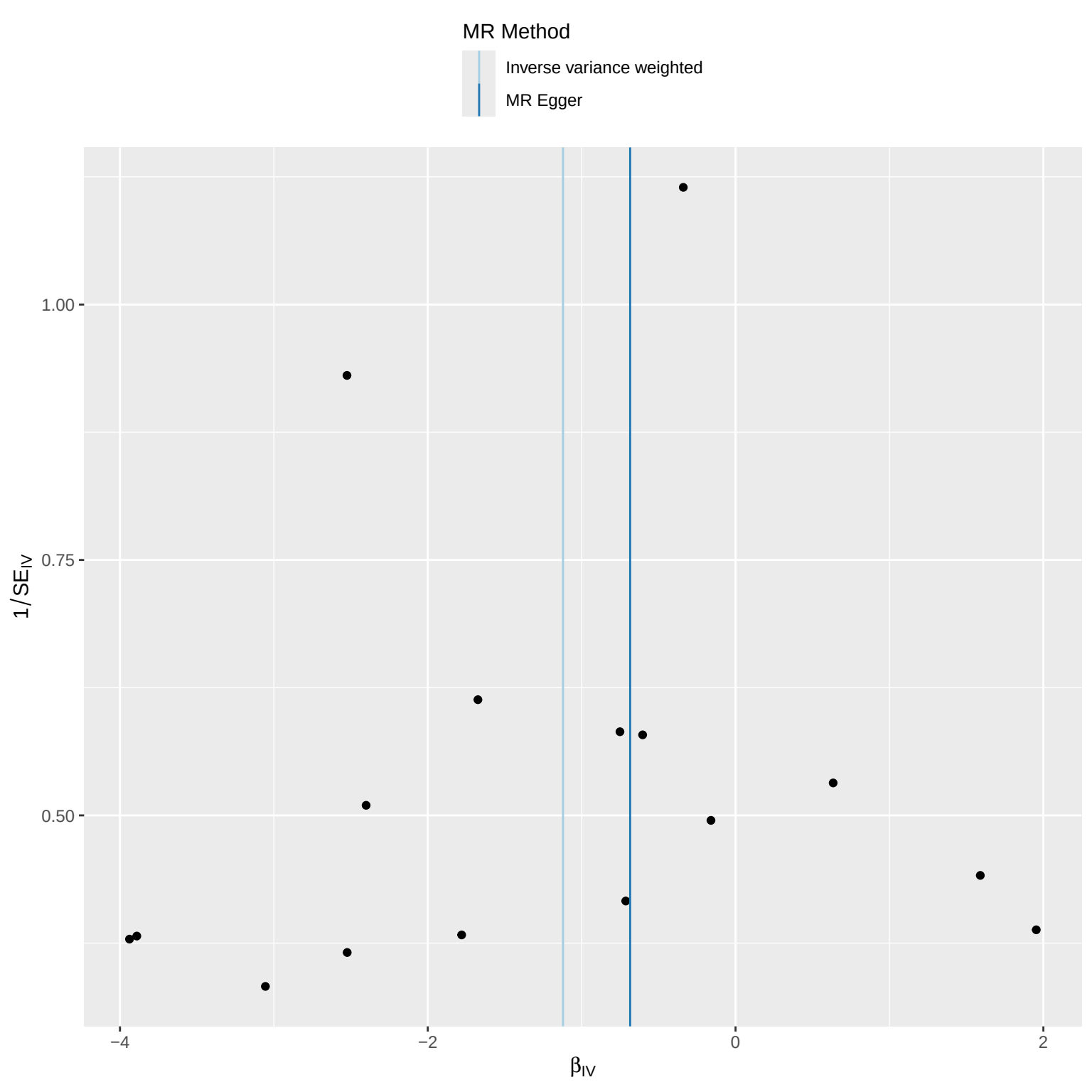

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
0.3
1/SE_IV
0
2
4
β_IV

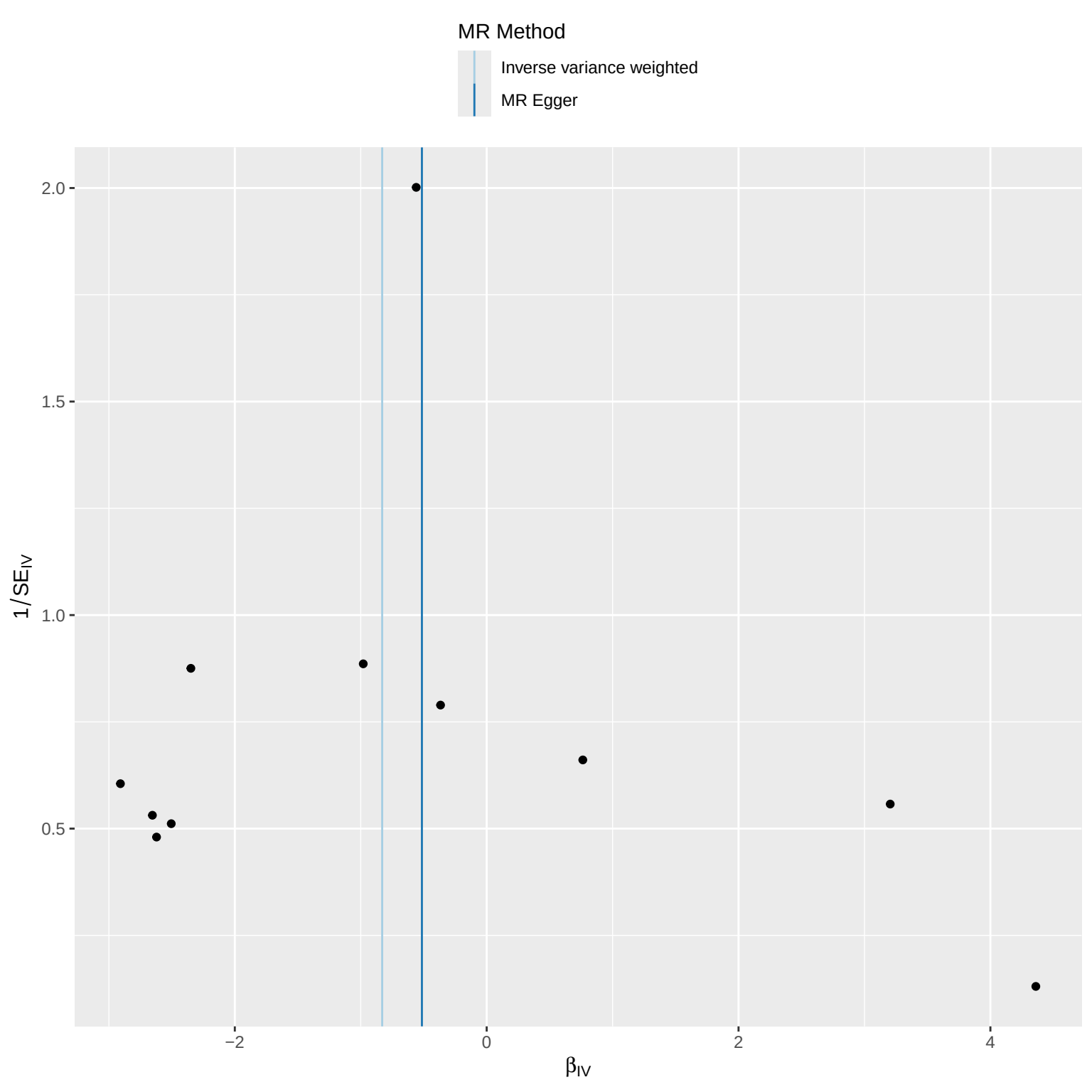

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

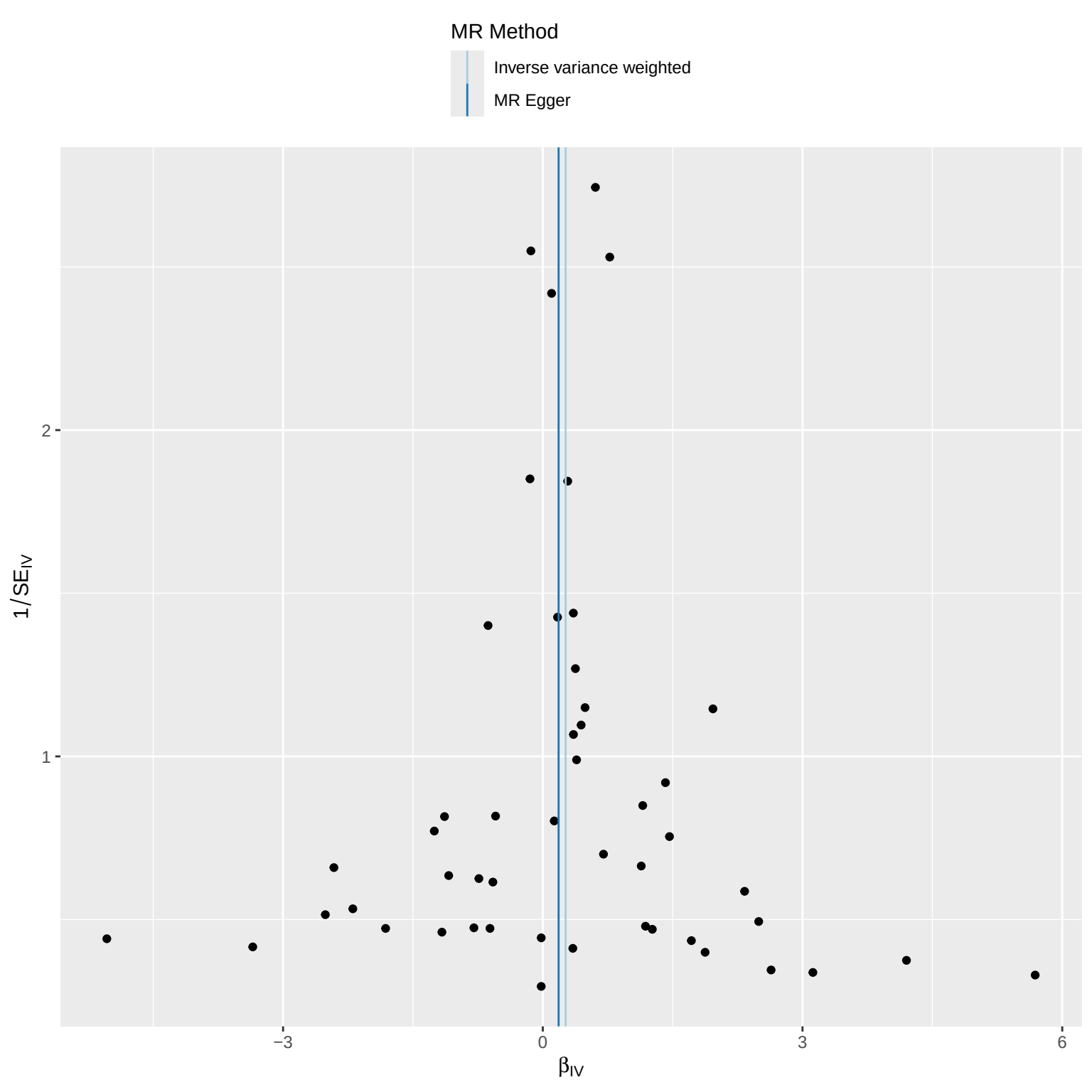

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

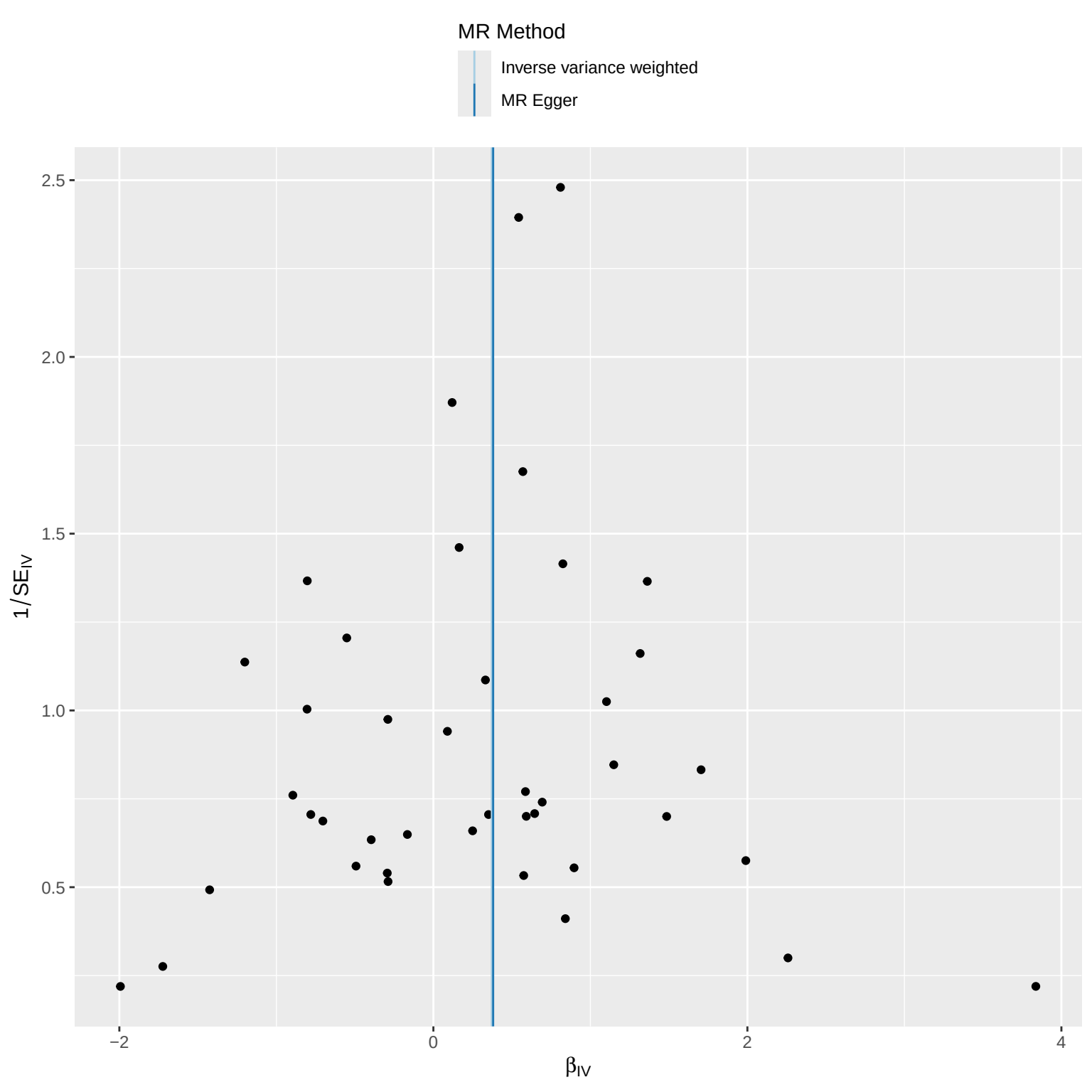

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−4
−2
0
β_IV

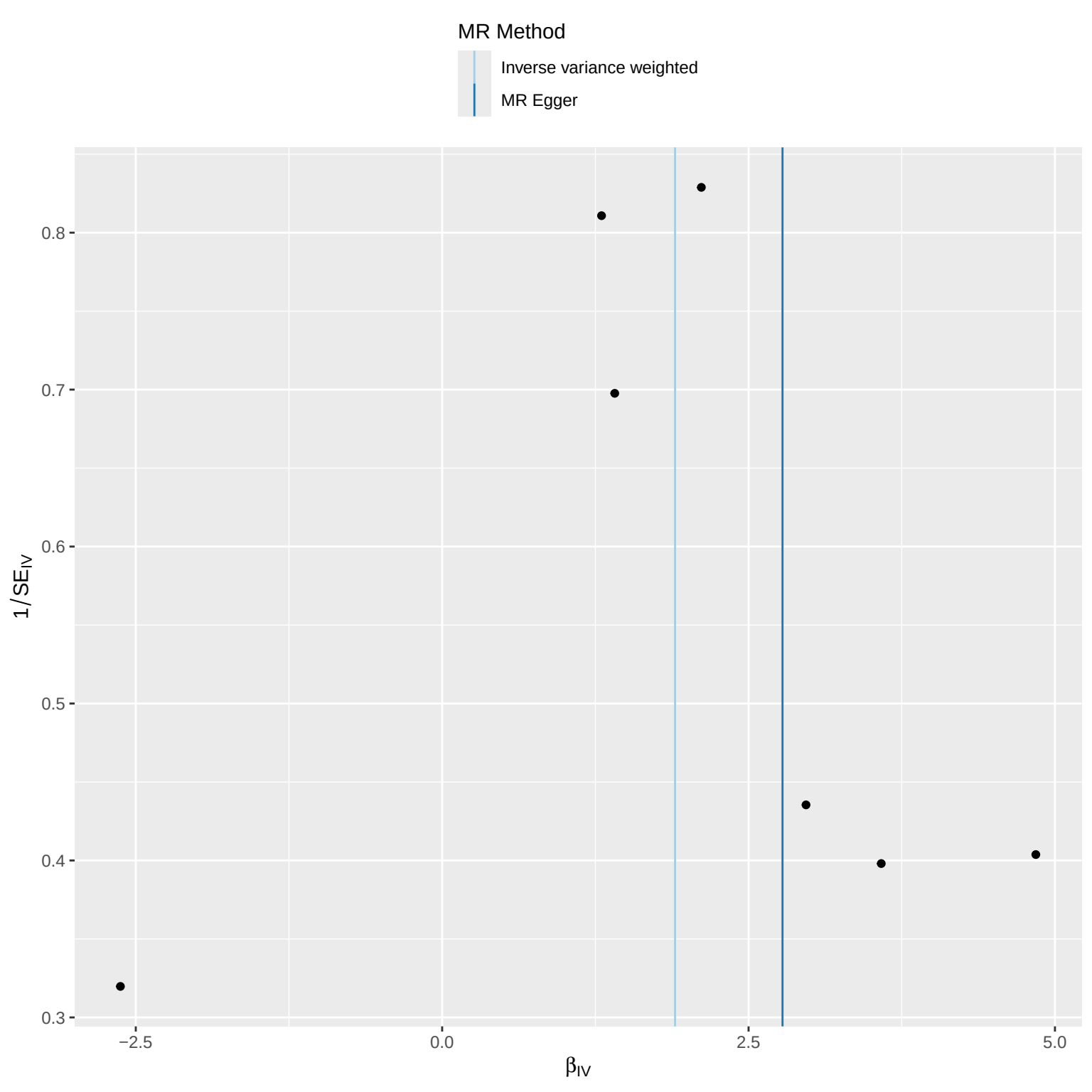

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

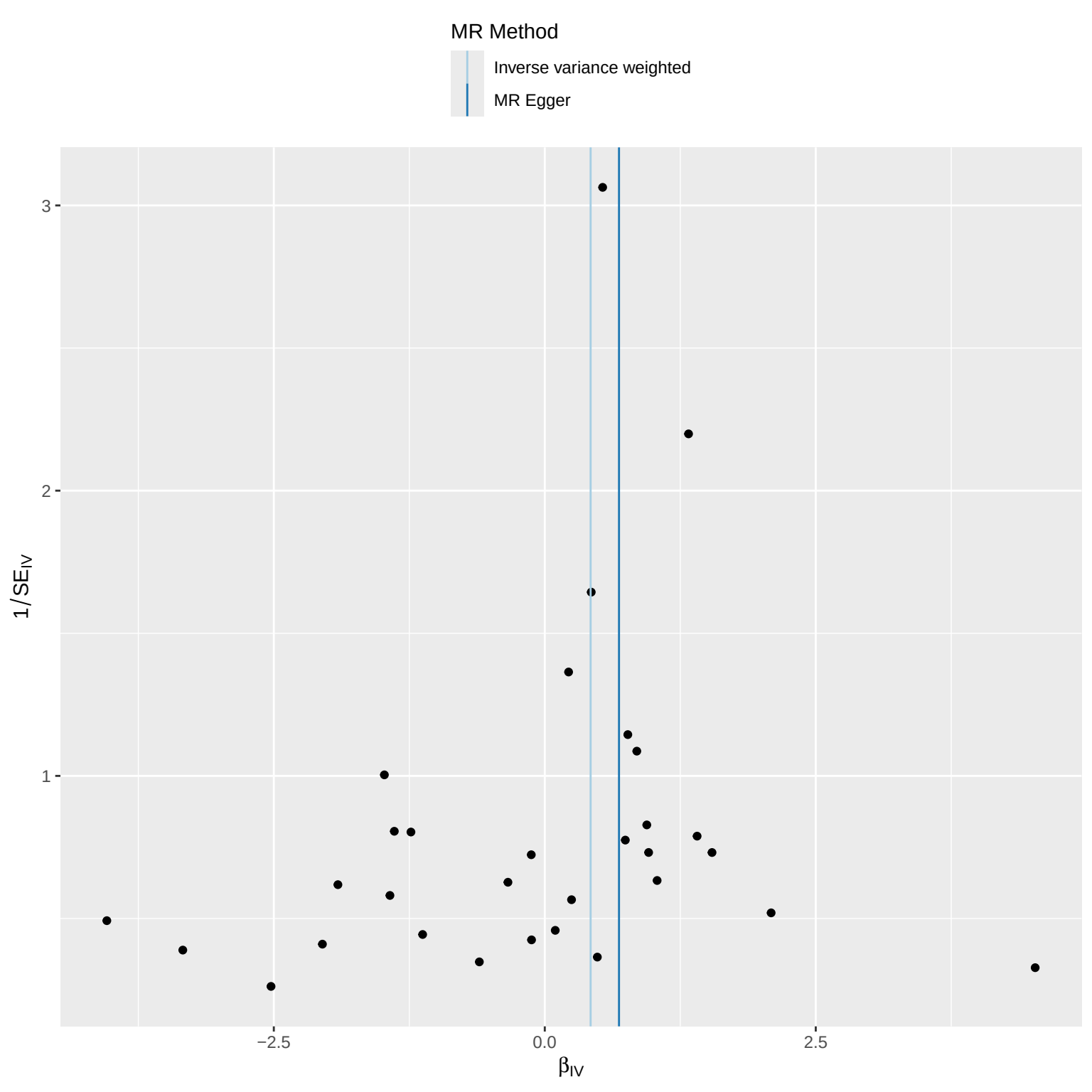

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−4
−2
0
2
β_IV

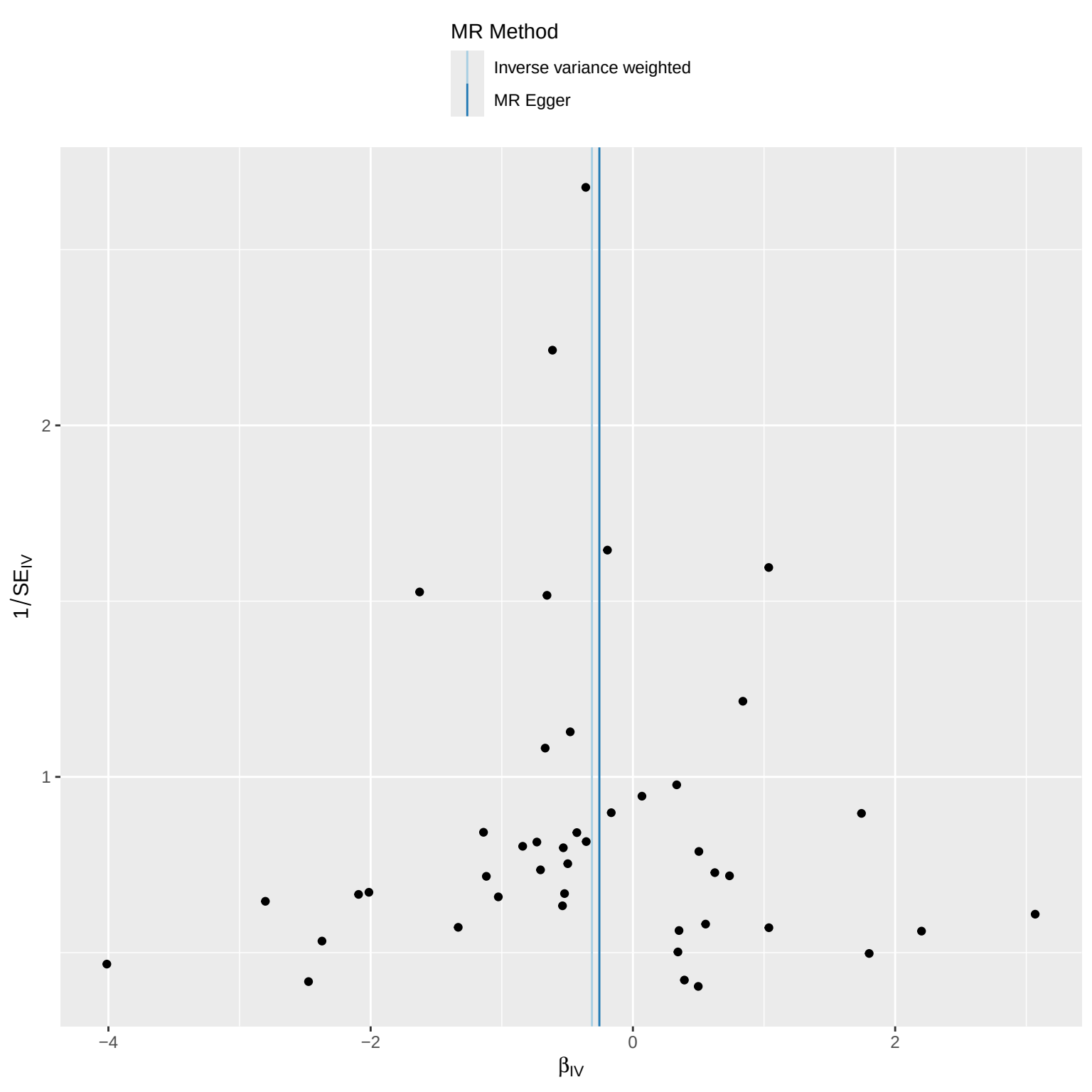

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

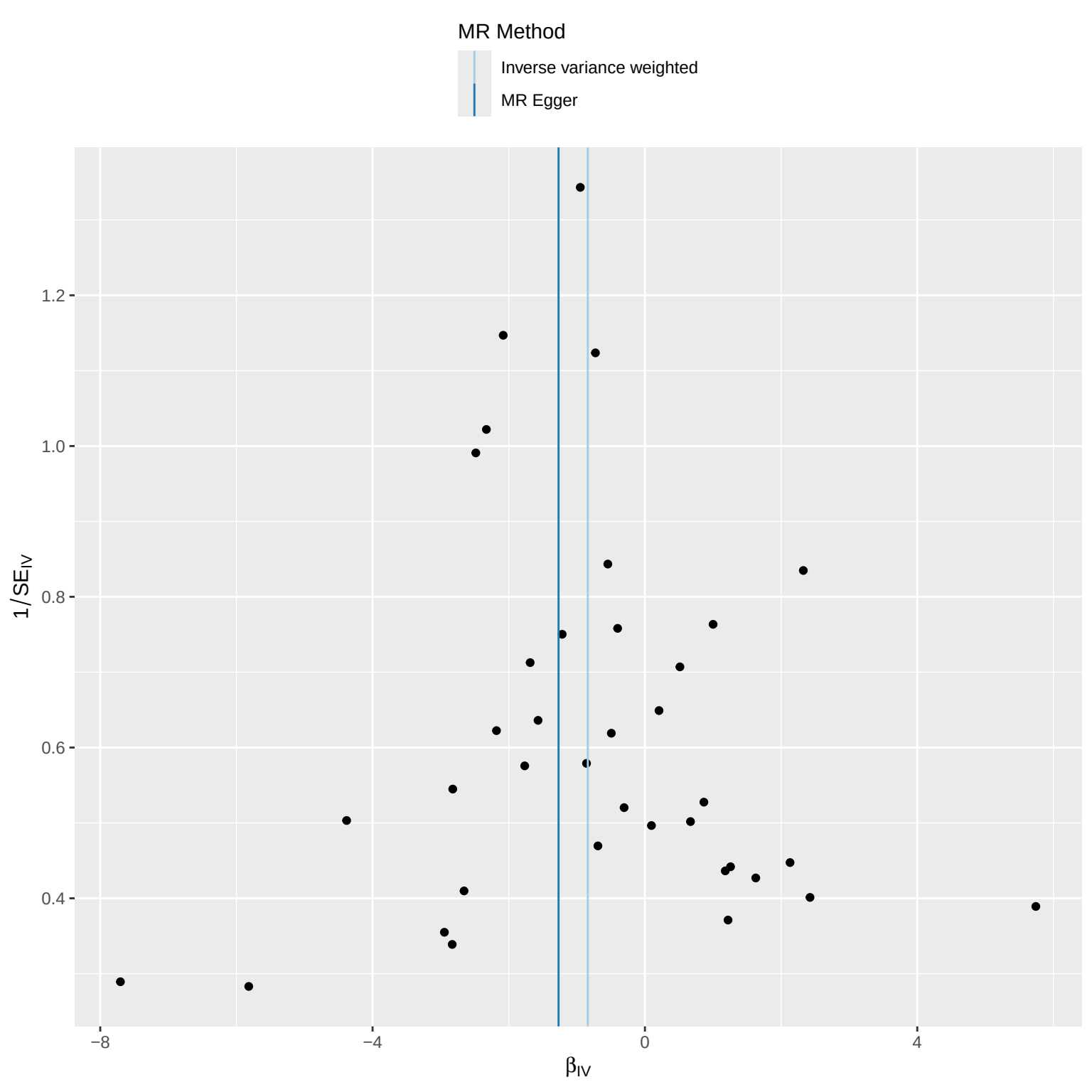

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
0
3
6
β_IV

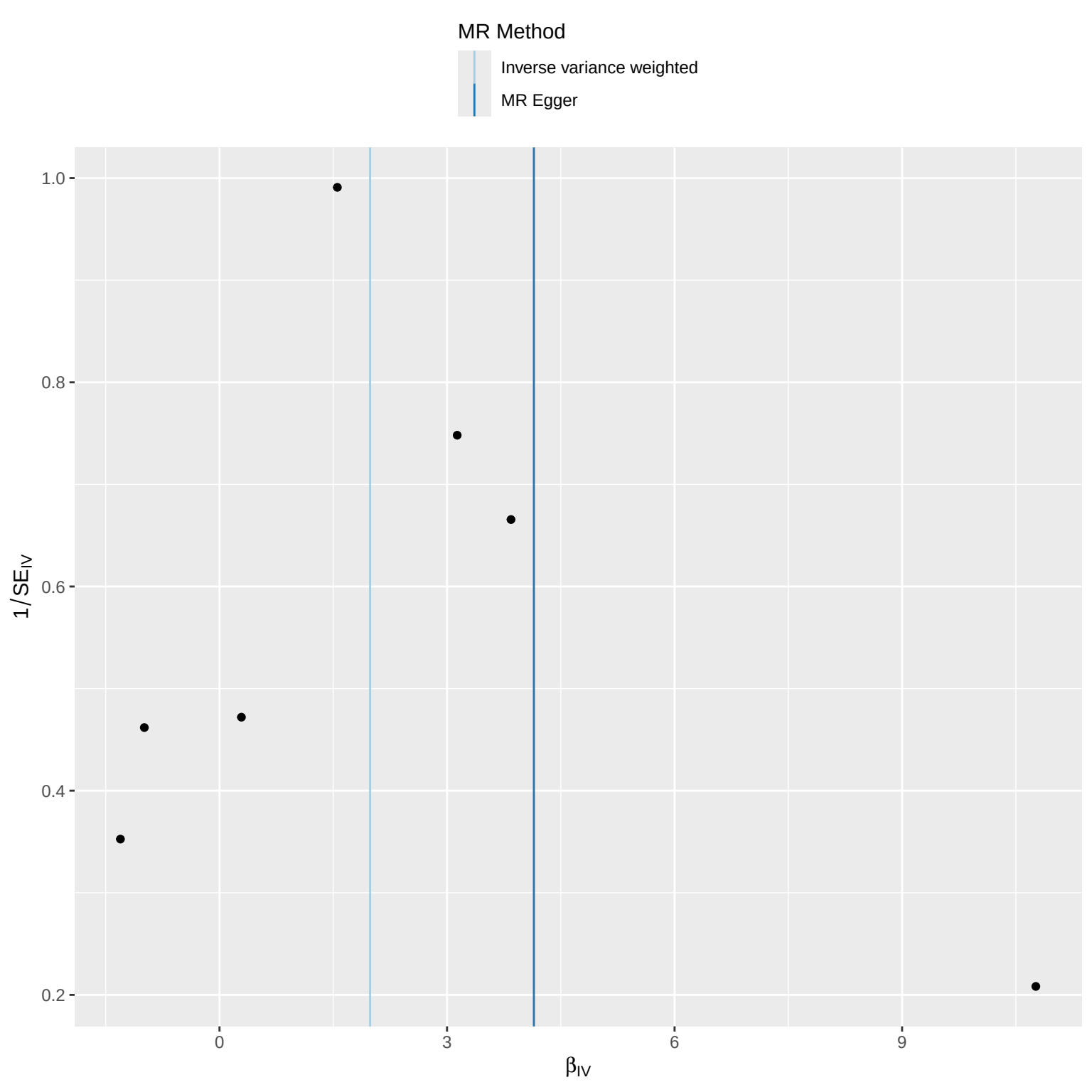

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

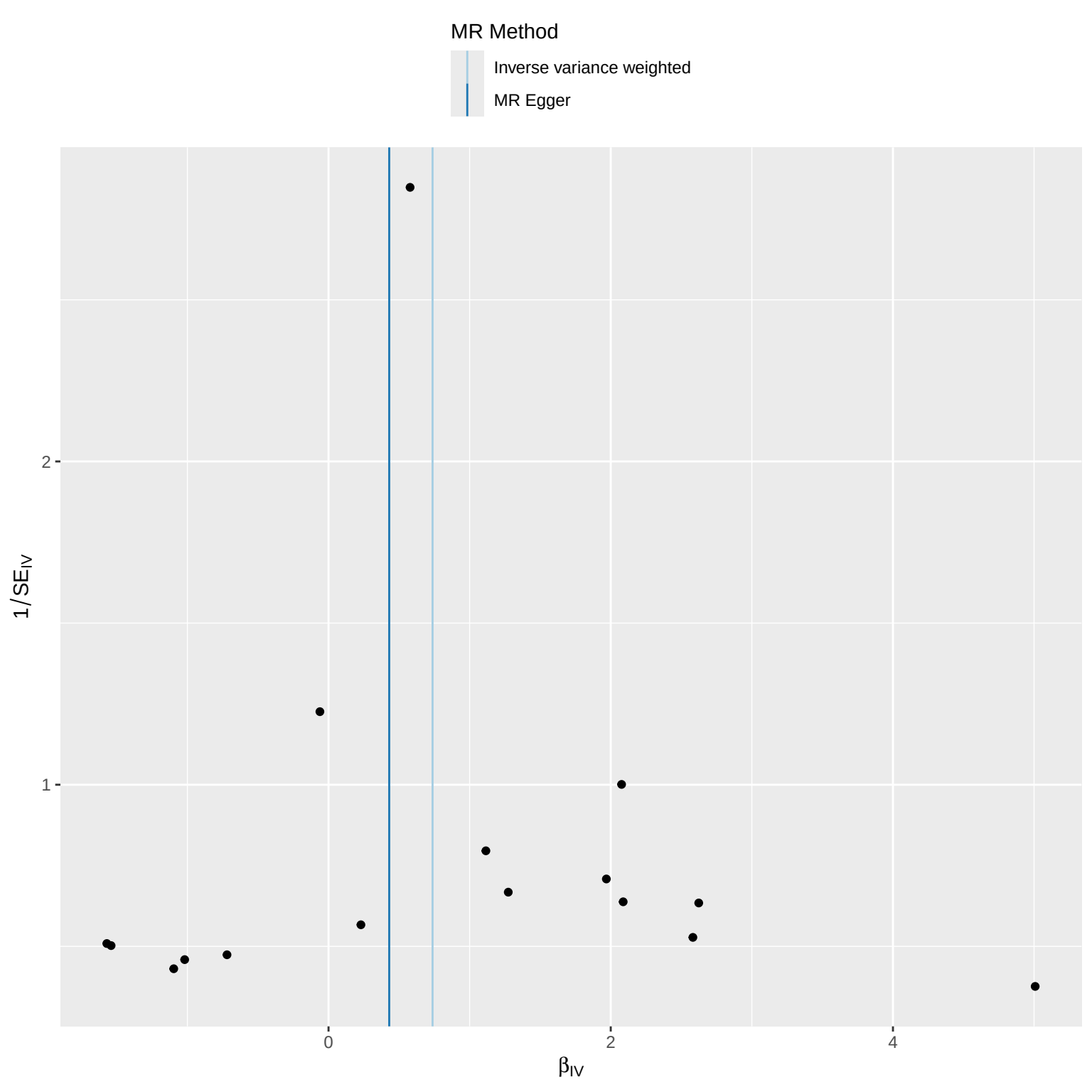

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
0.3
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

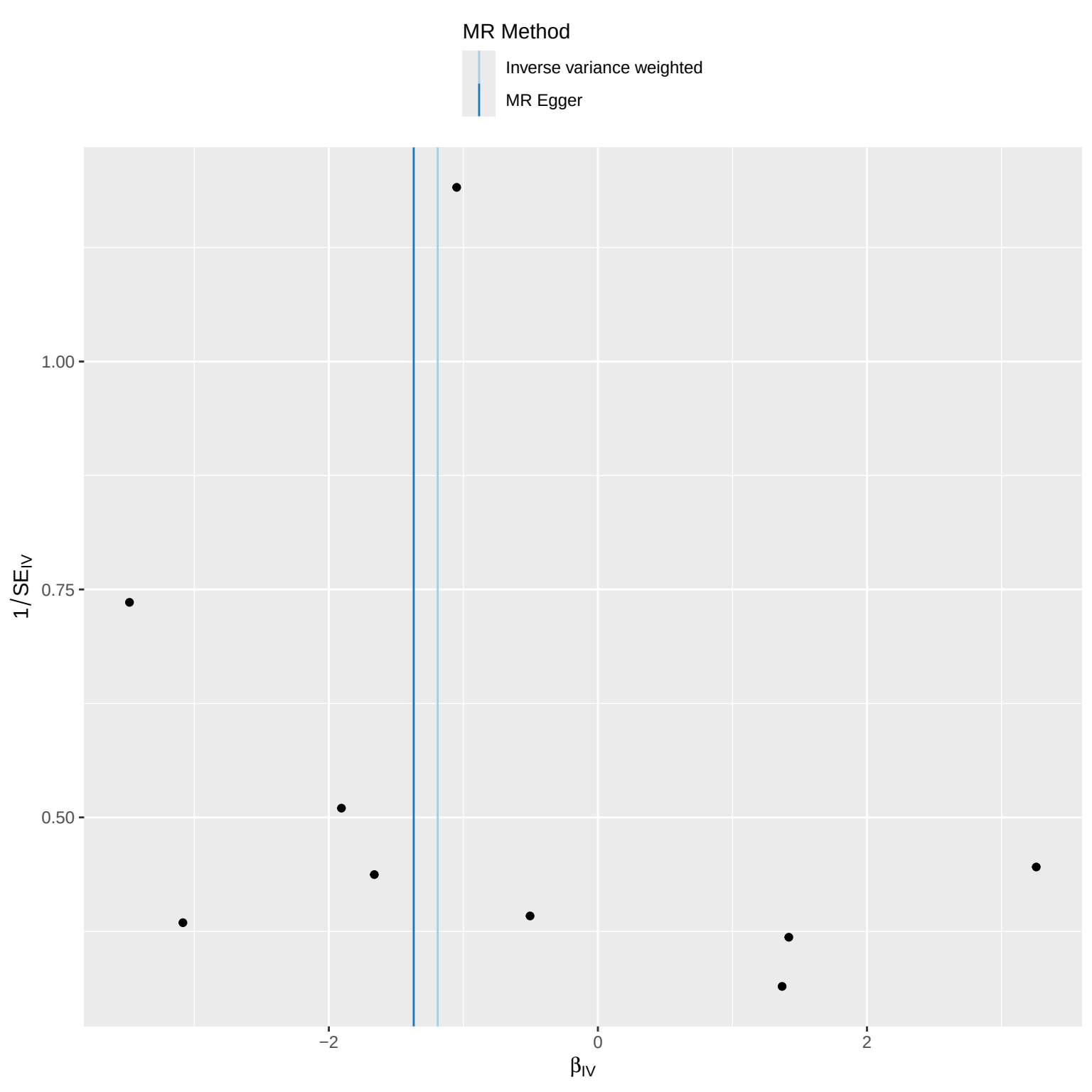

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2.5
0.0
2.5
β_{IV}

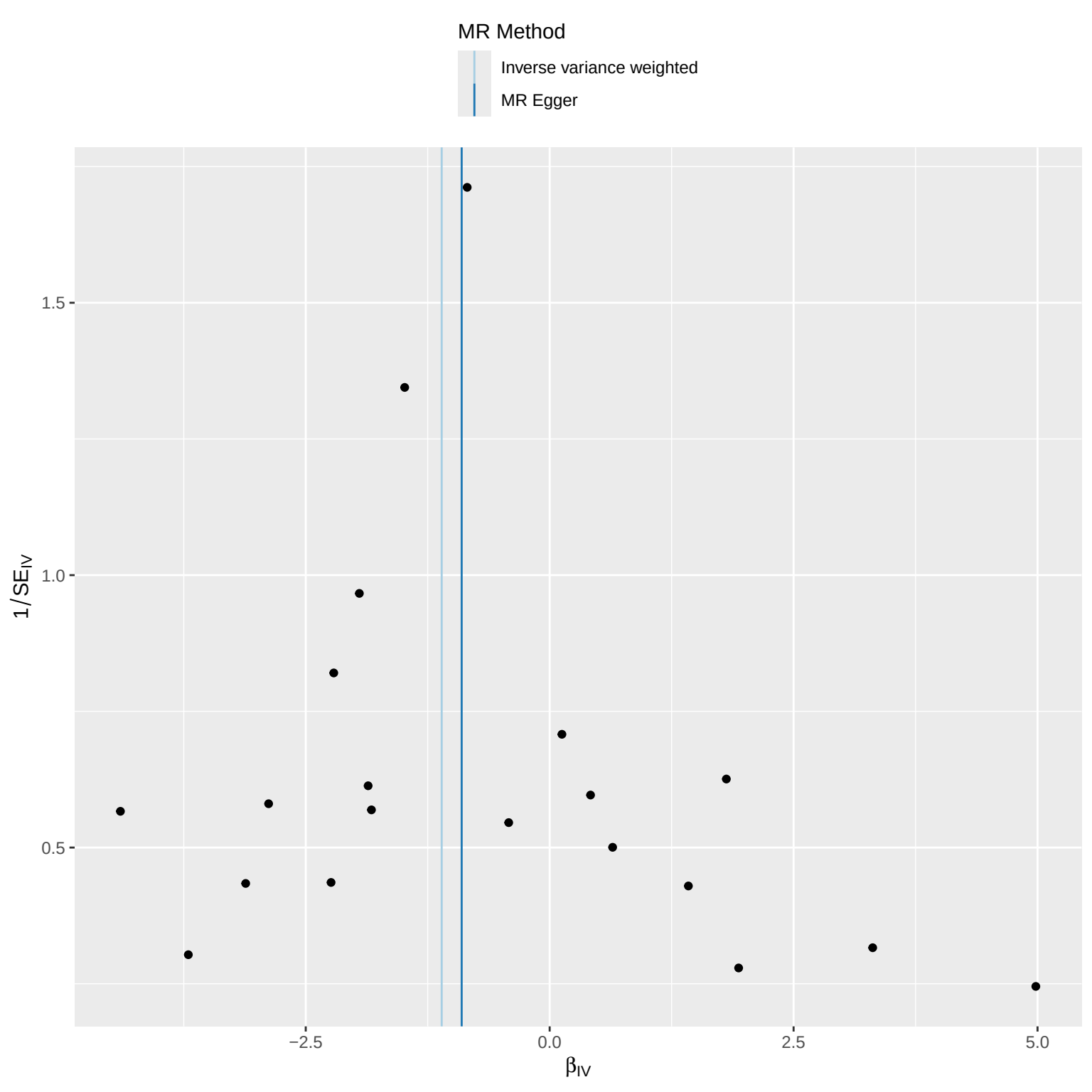

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

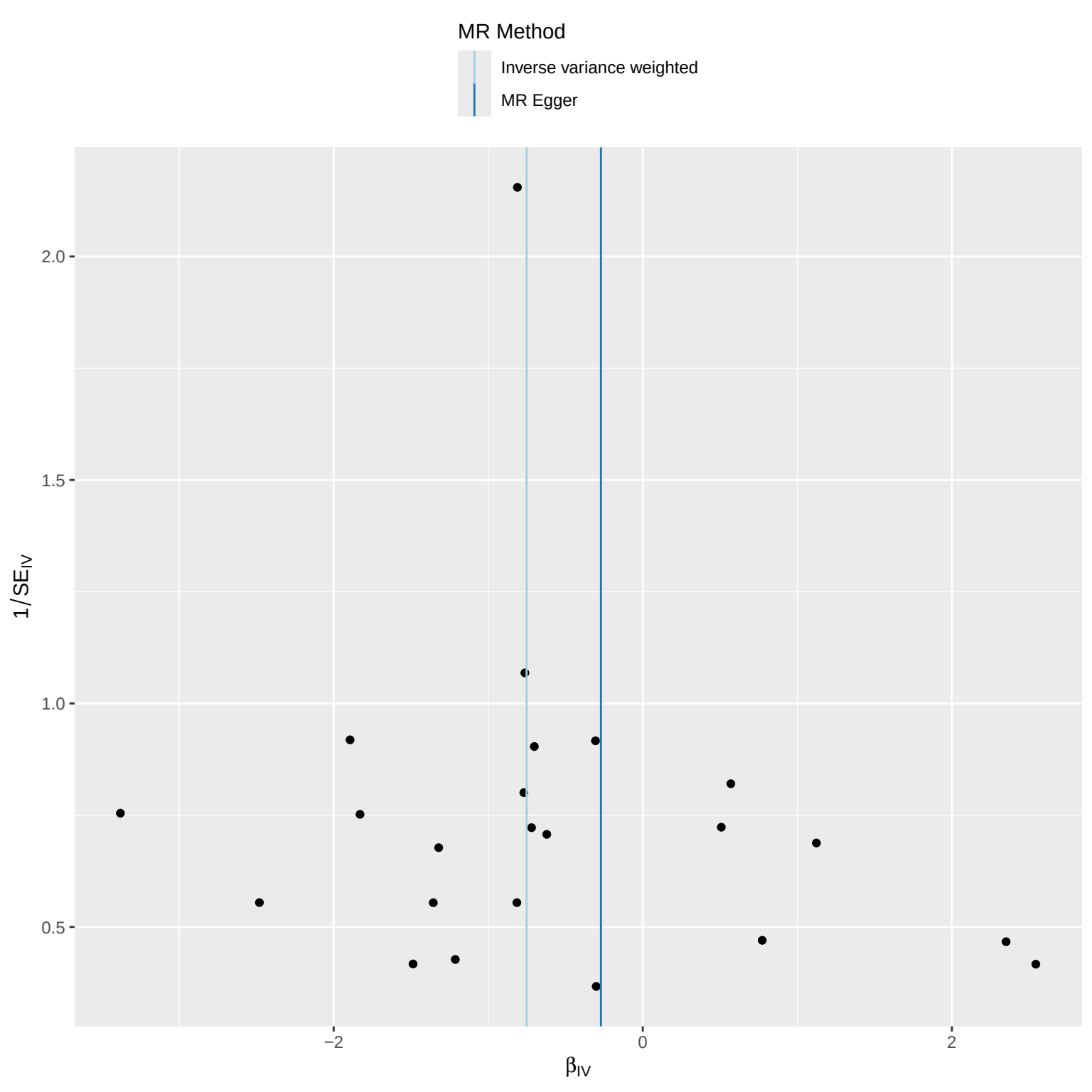

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−8
−4
0
4
β_IV

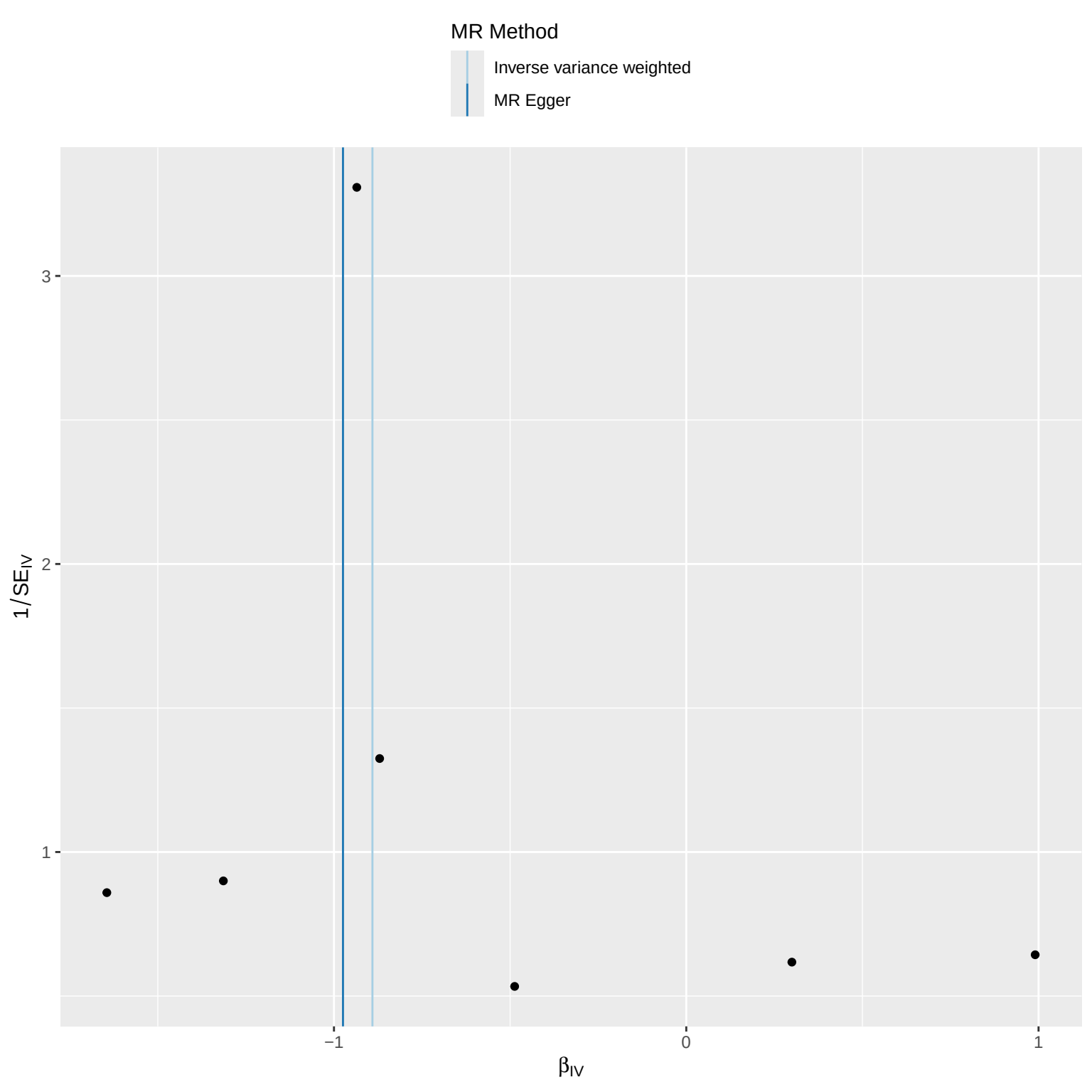

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
0.2
1/SE_IV
0
3
6
9
β_IV

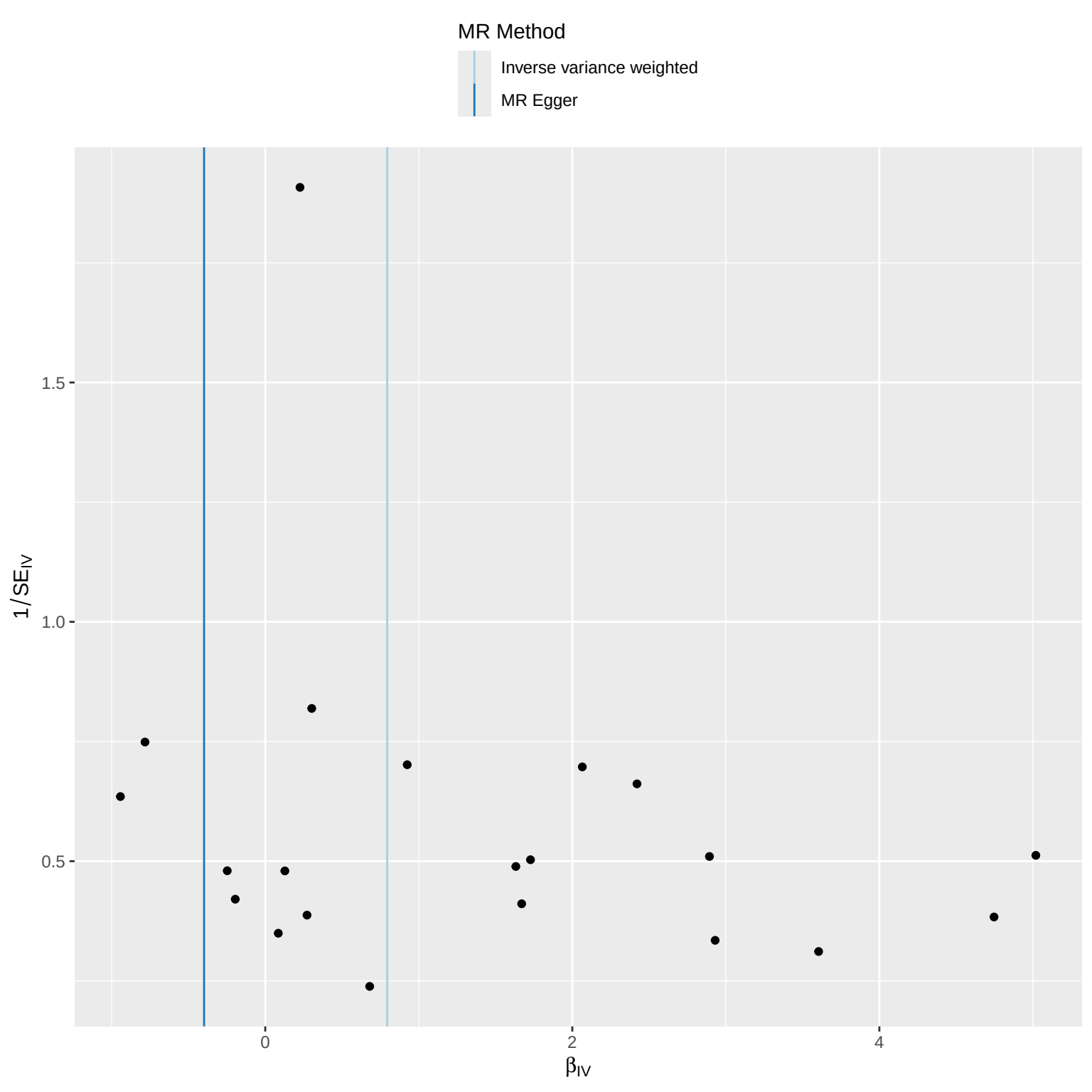

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0
2
4
β_IV

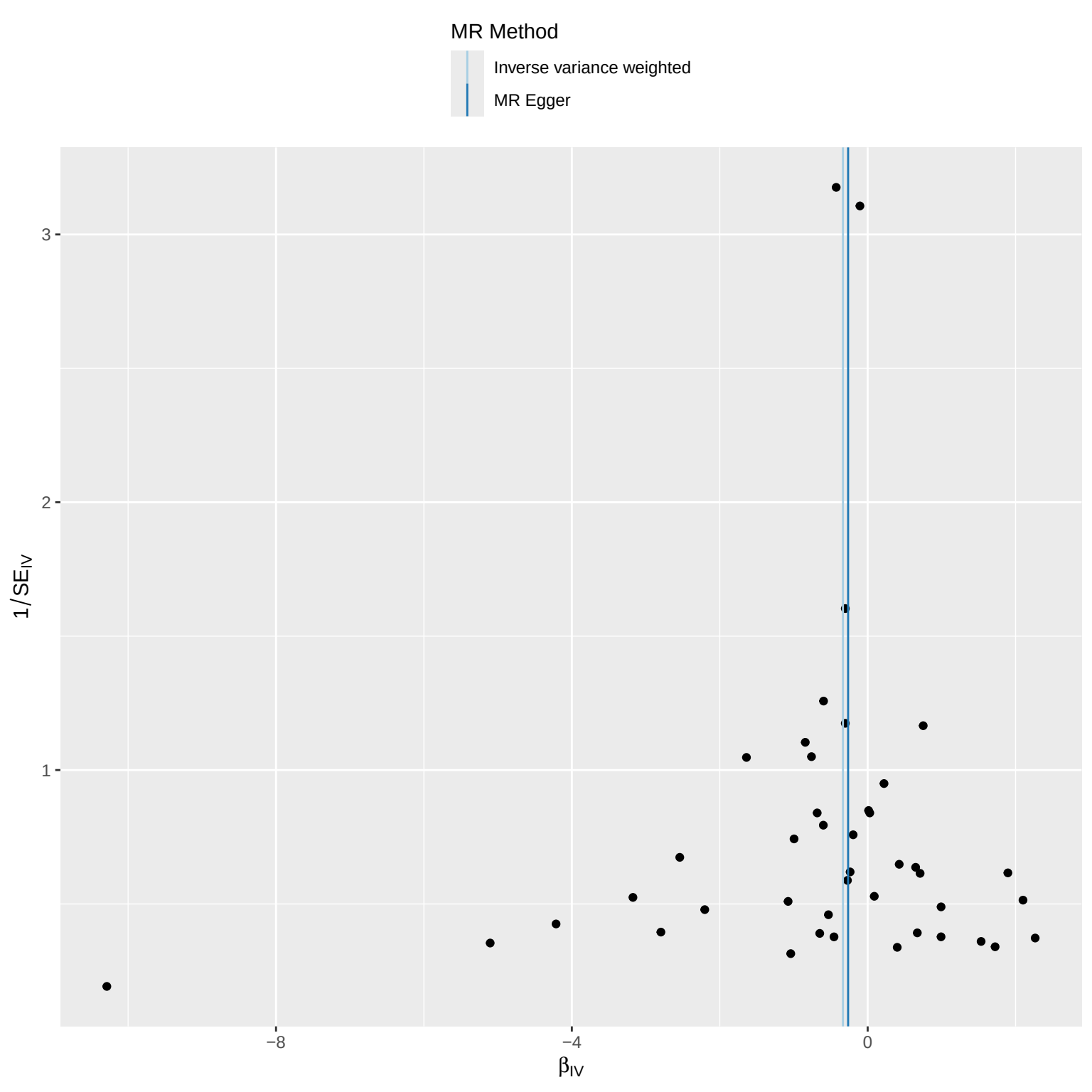

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−2
0
2
β_IV

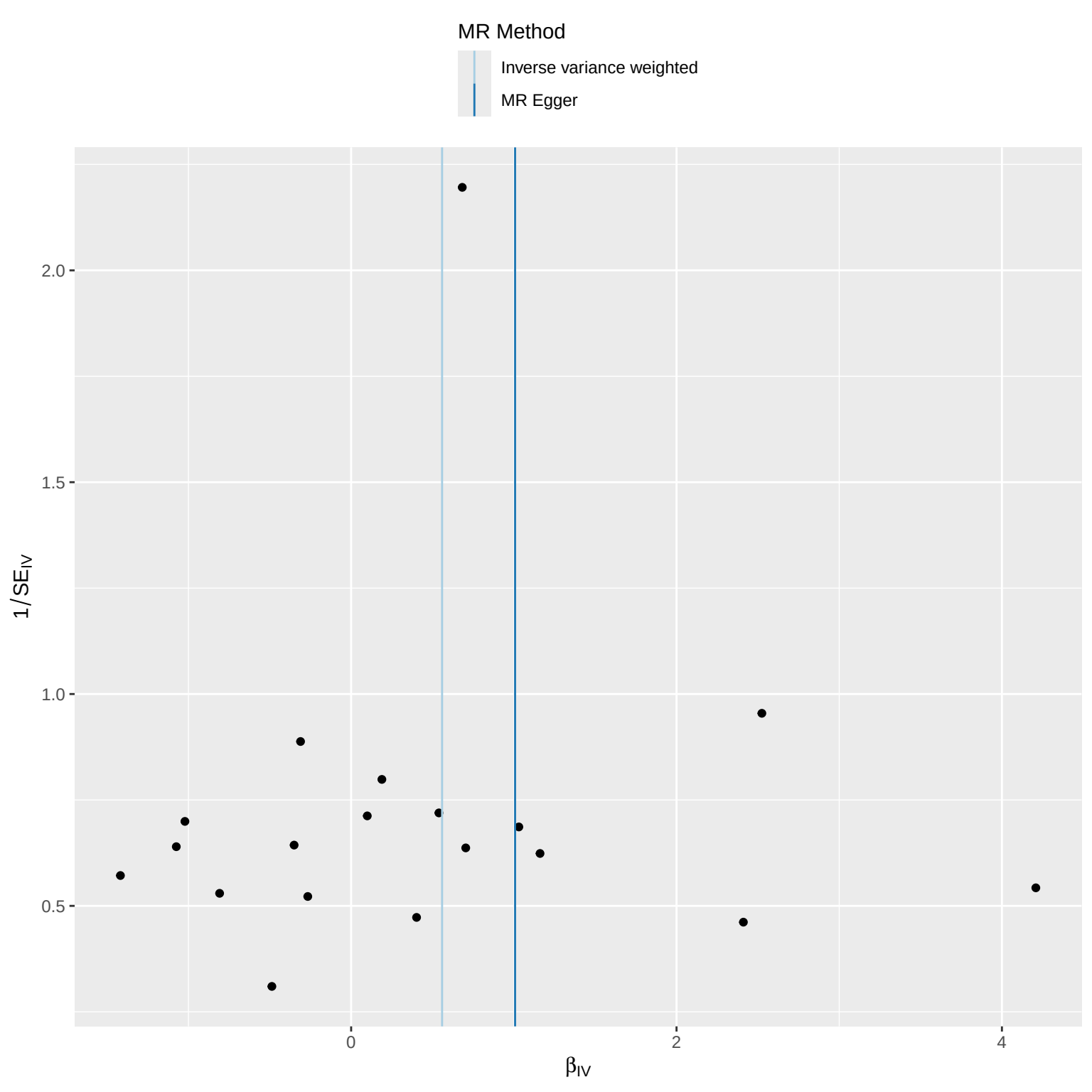

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

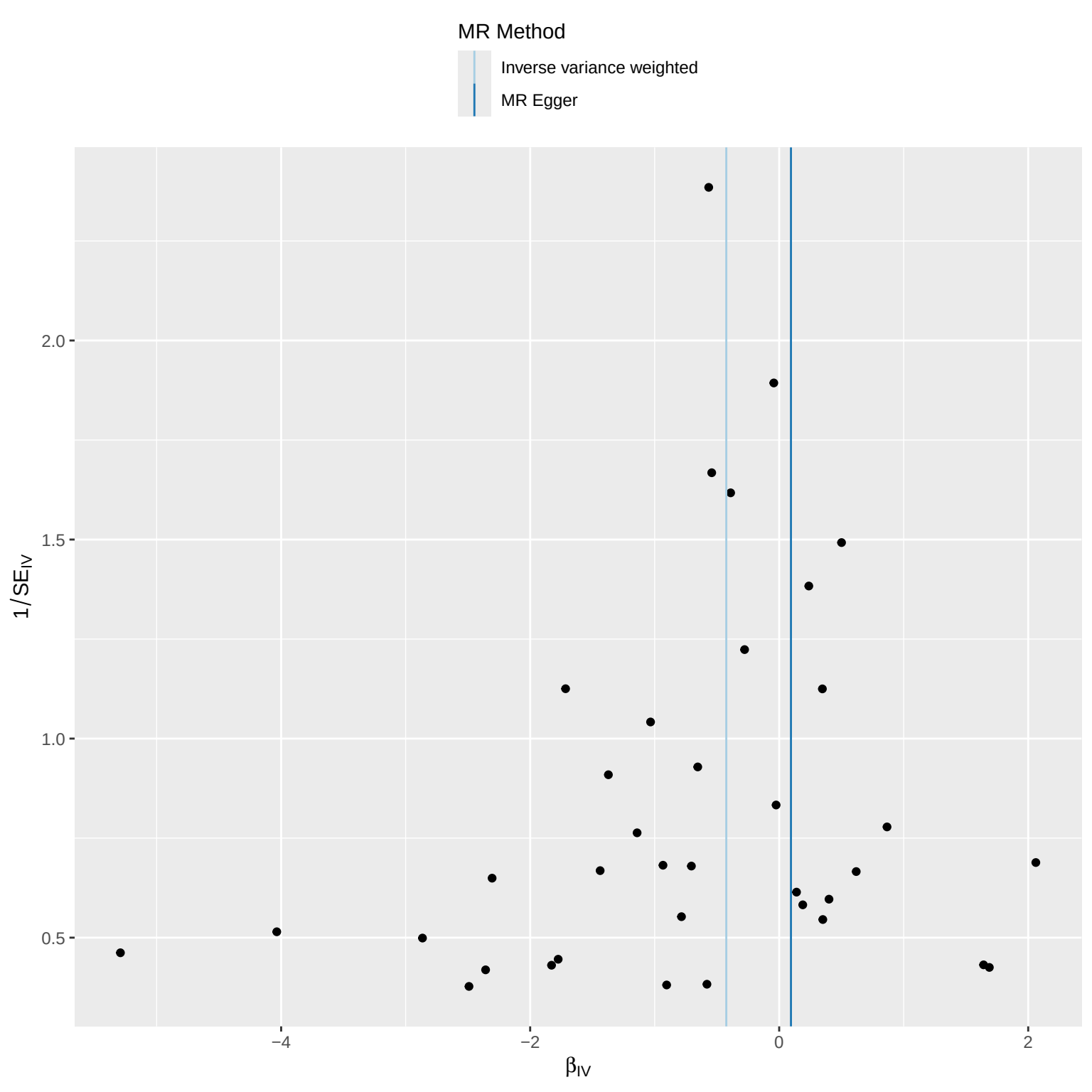

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

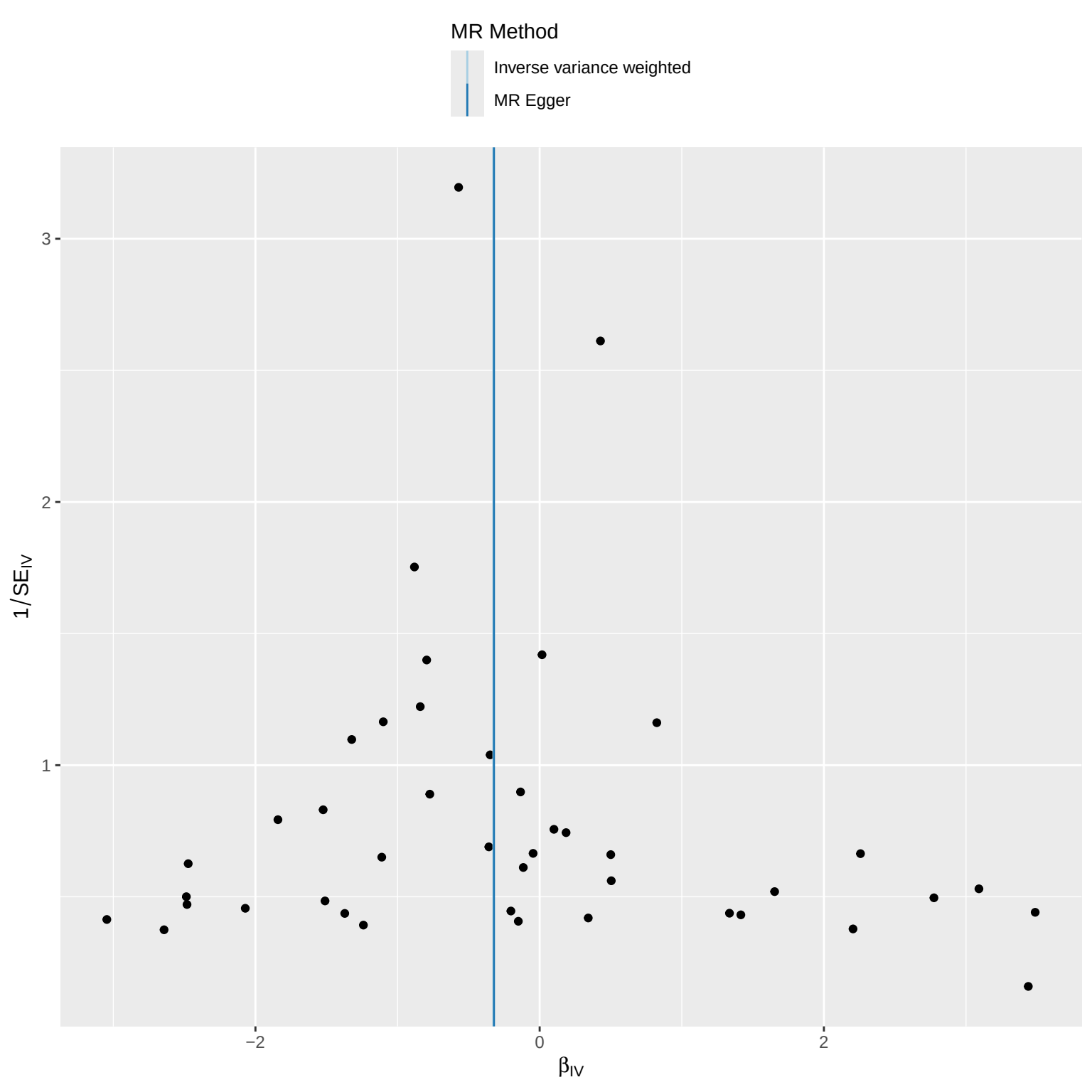

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

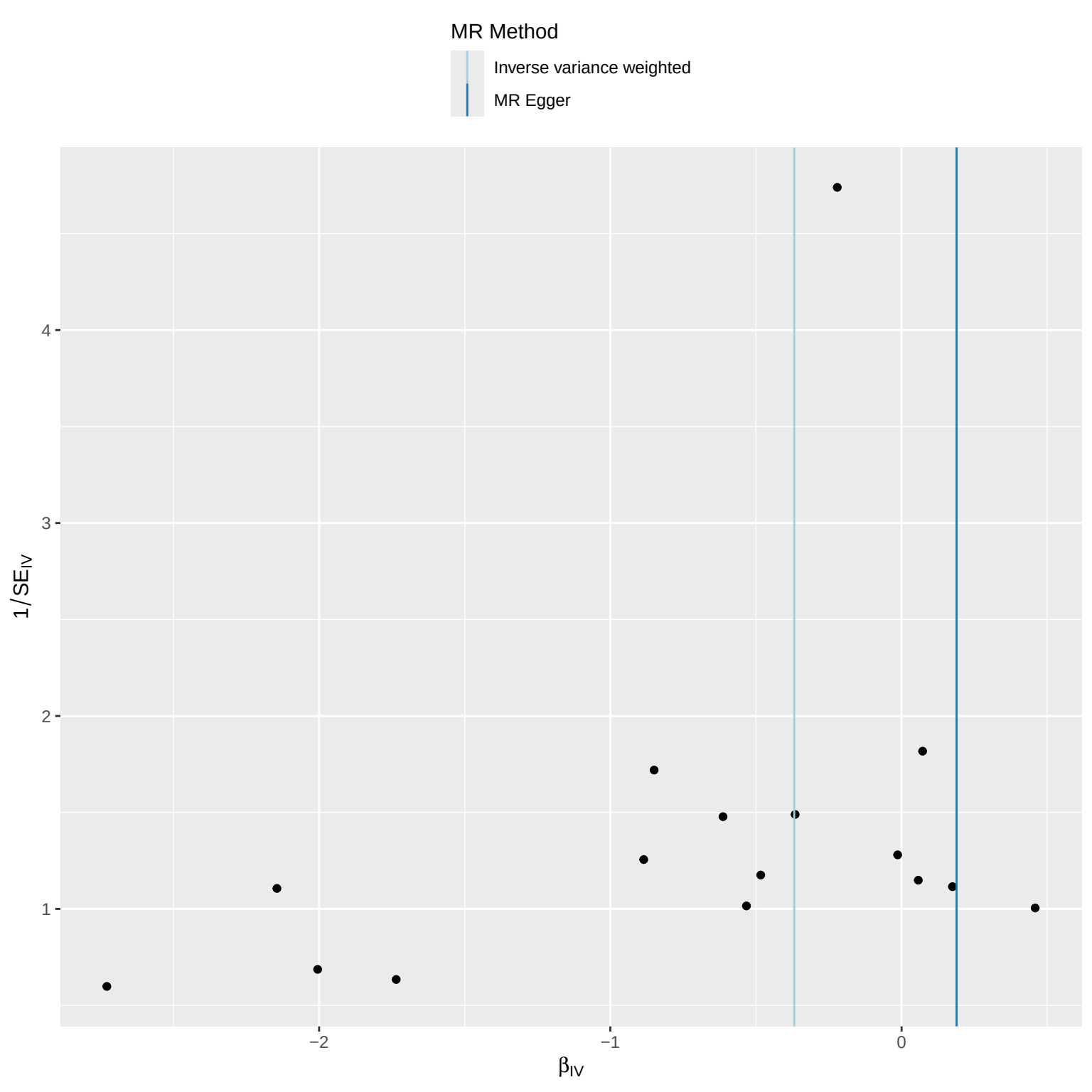

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

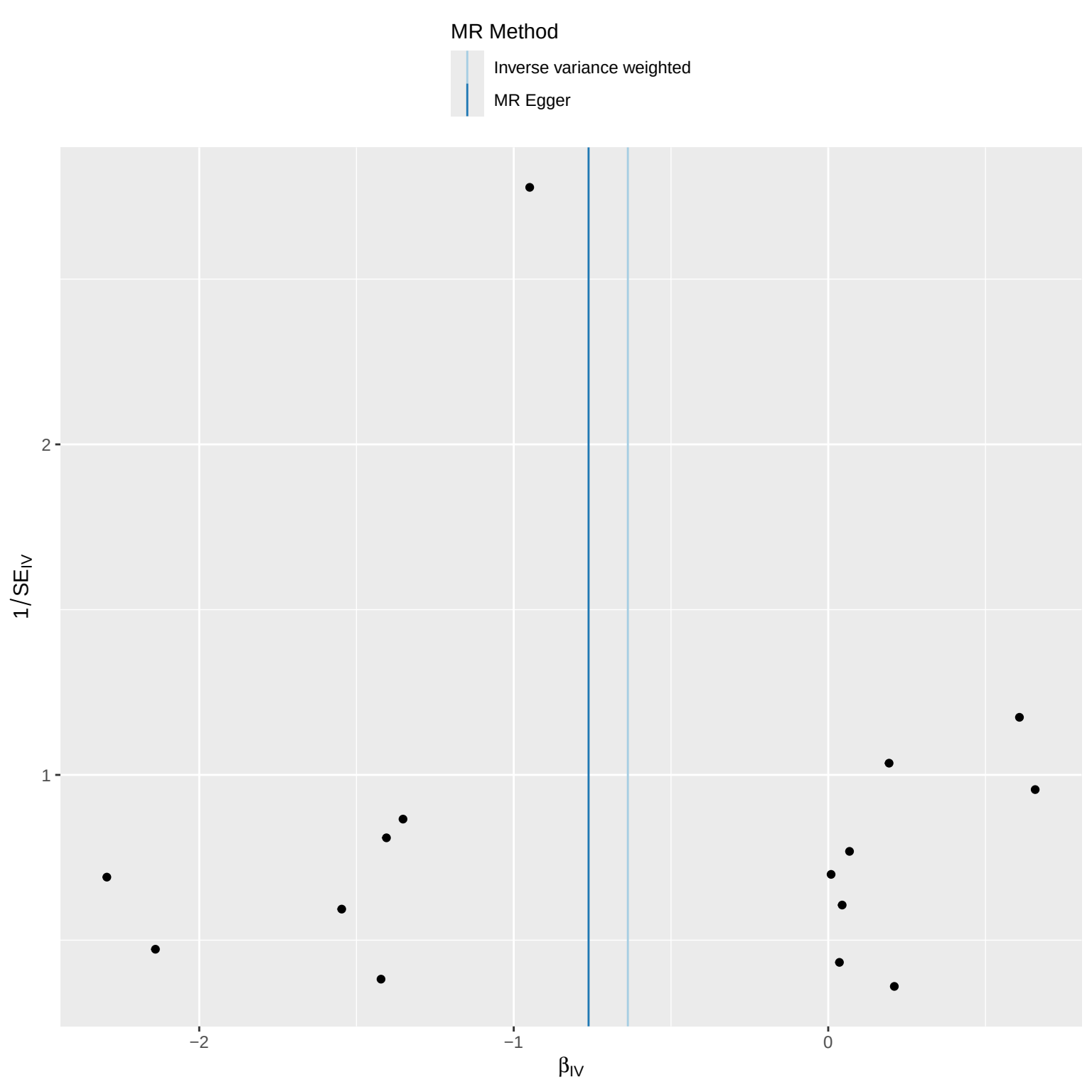

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−8
−4
0
β_IV

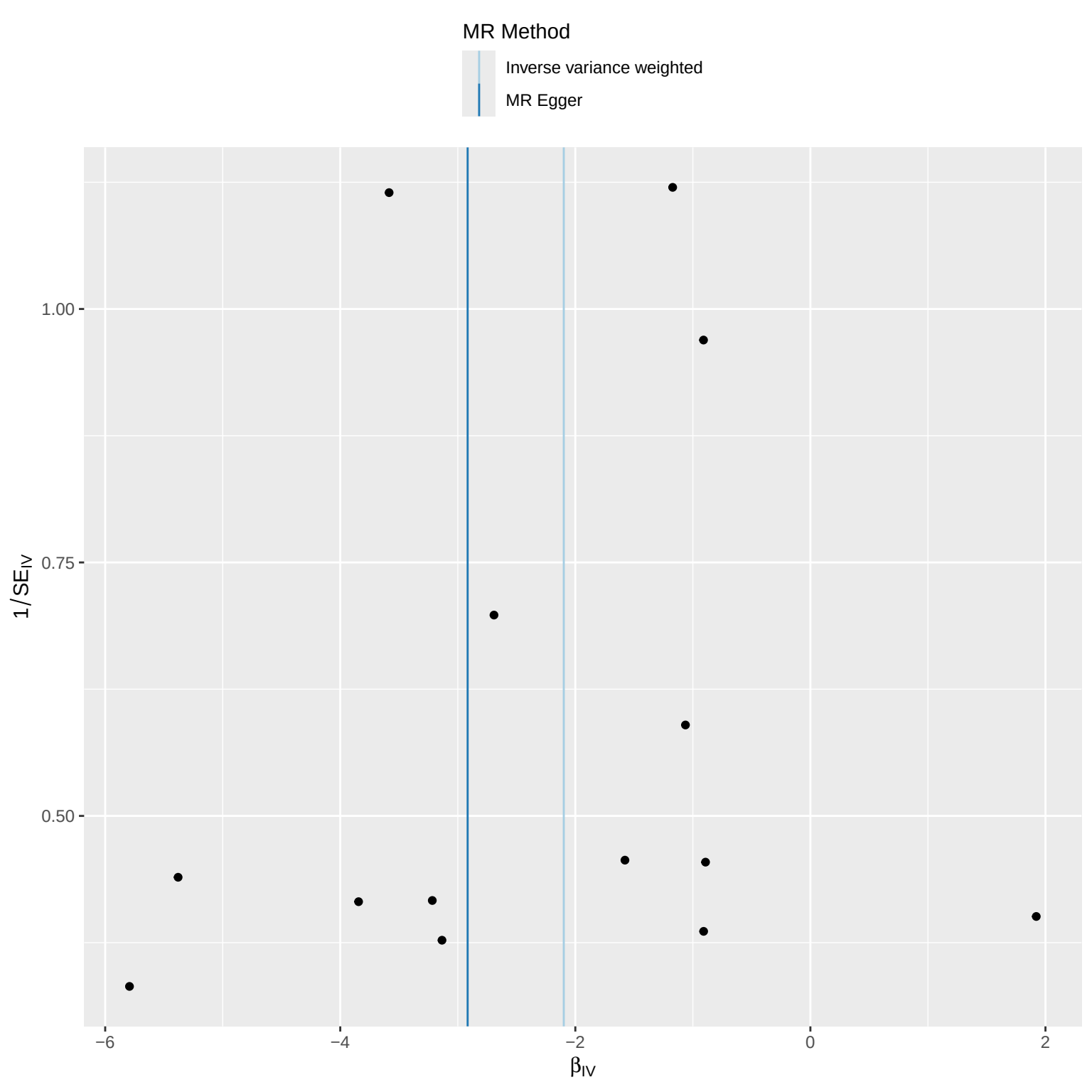

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

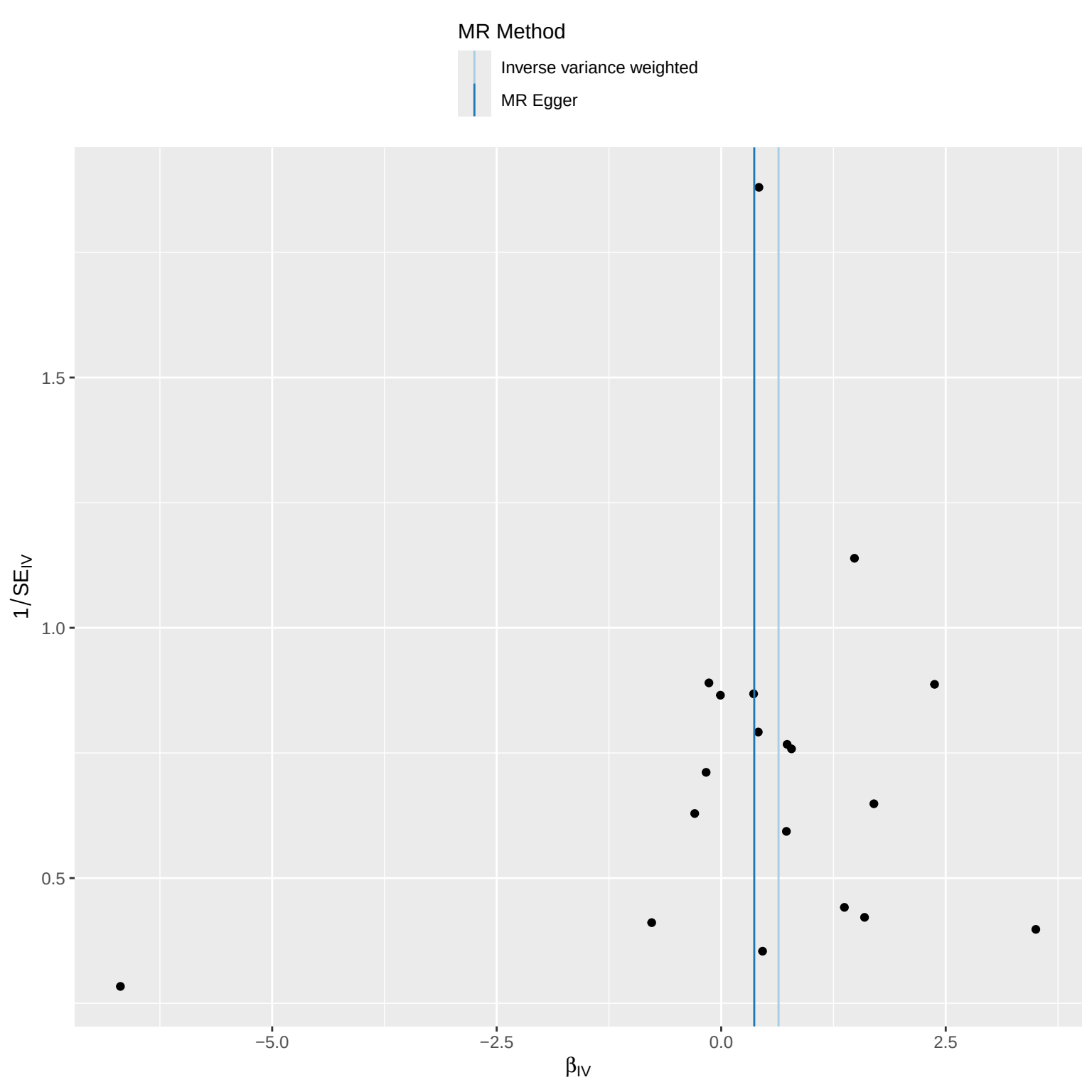

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

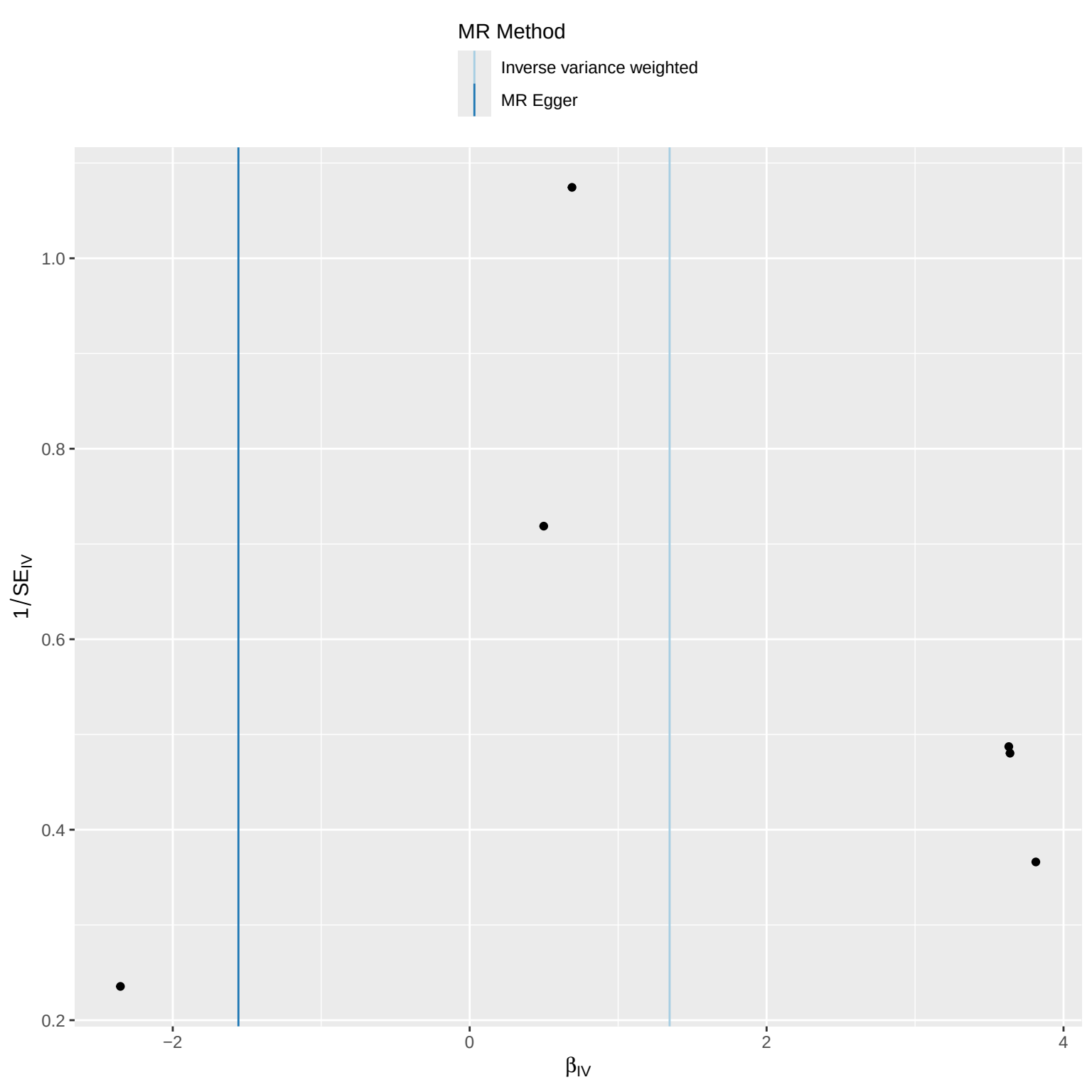

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

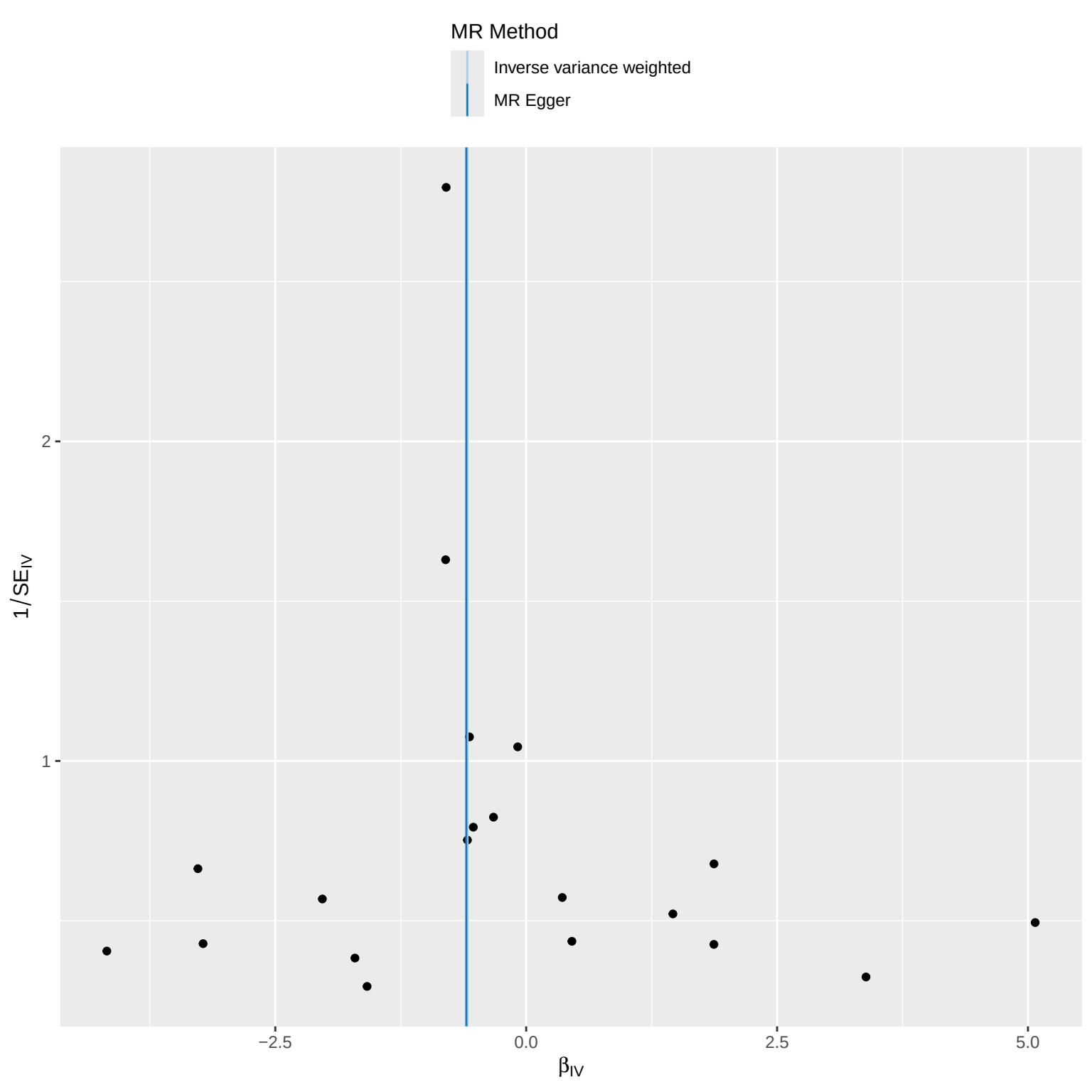

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

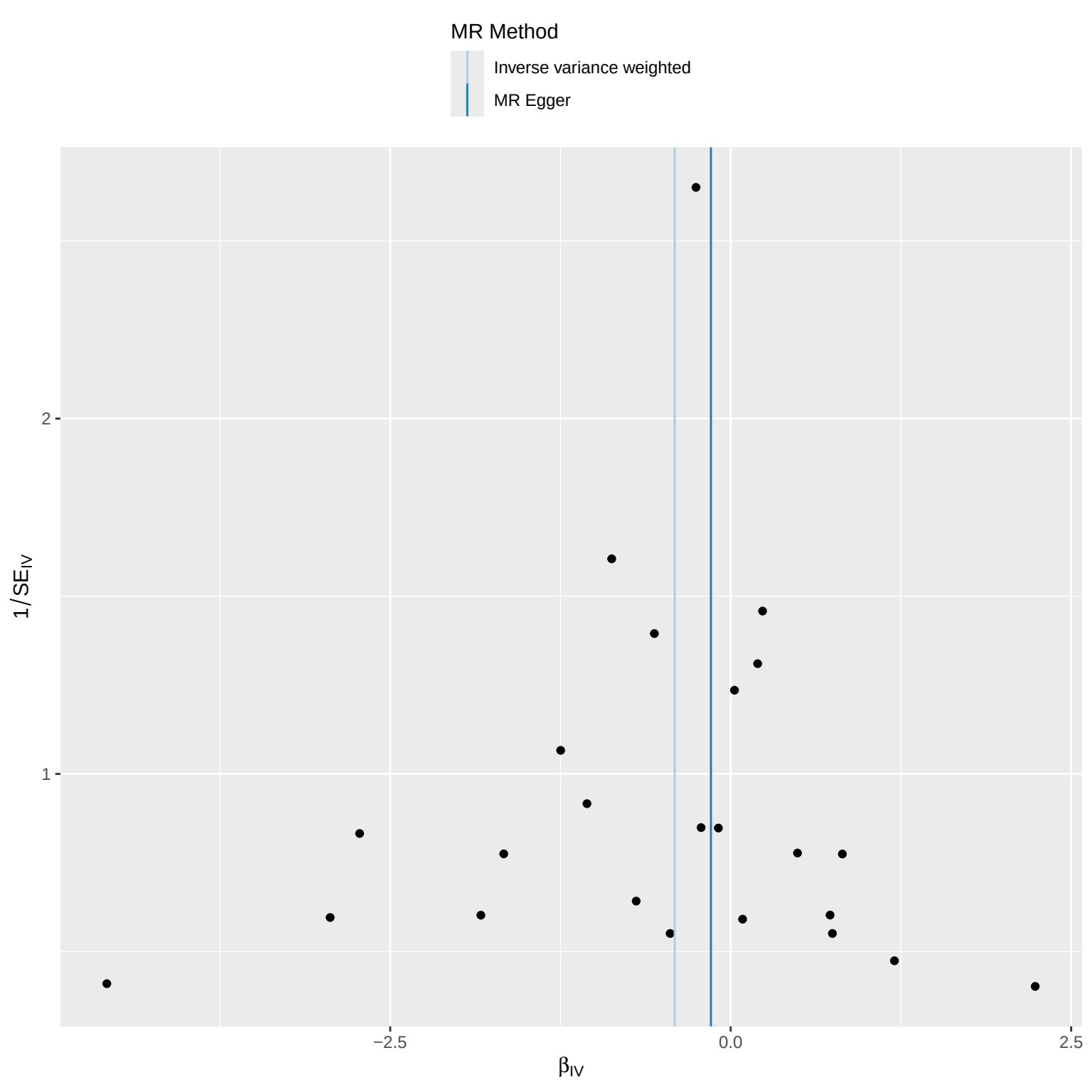

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
β_IV

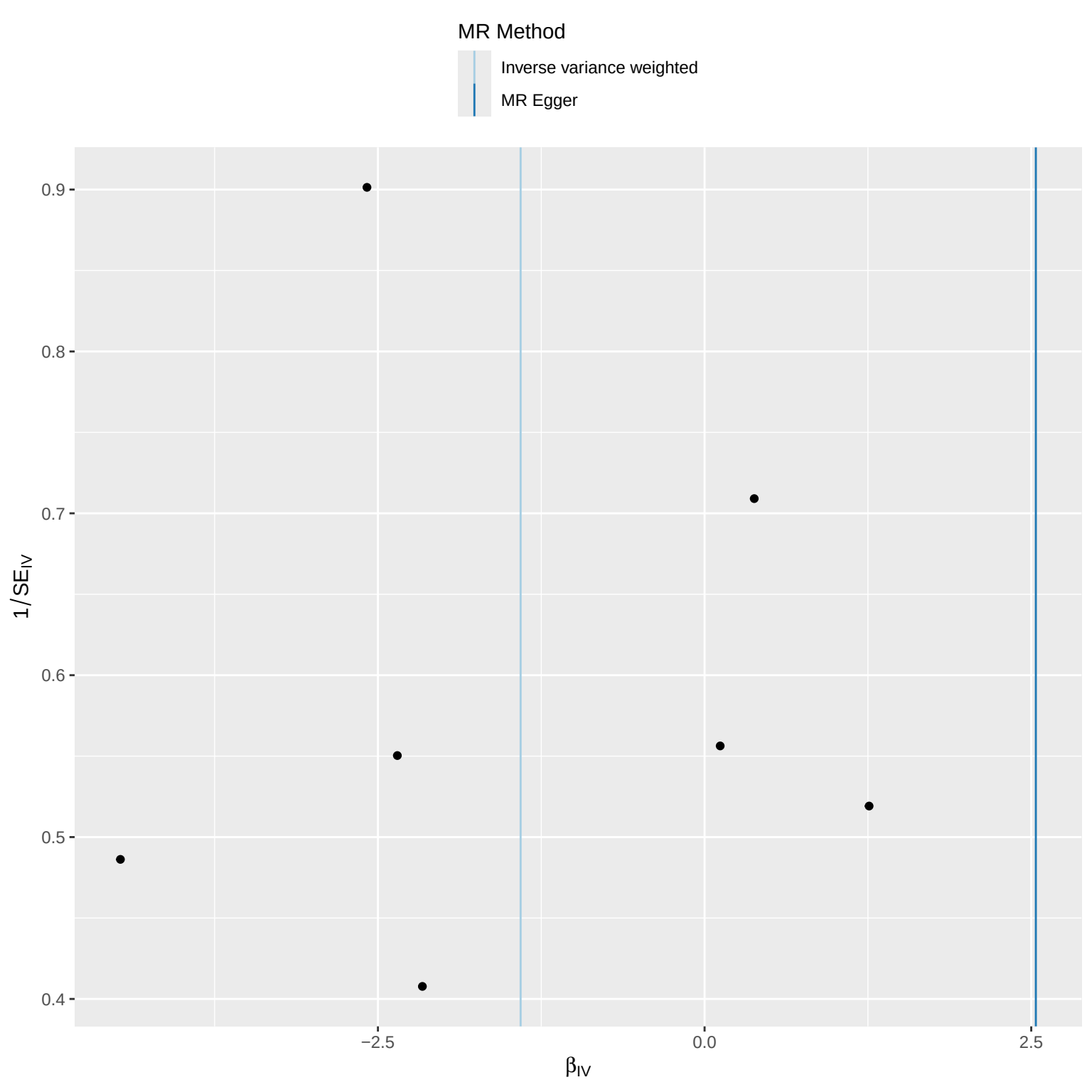

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−6
−4
−2
0
2
β_IV

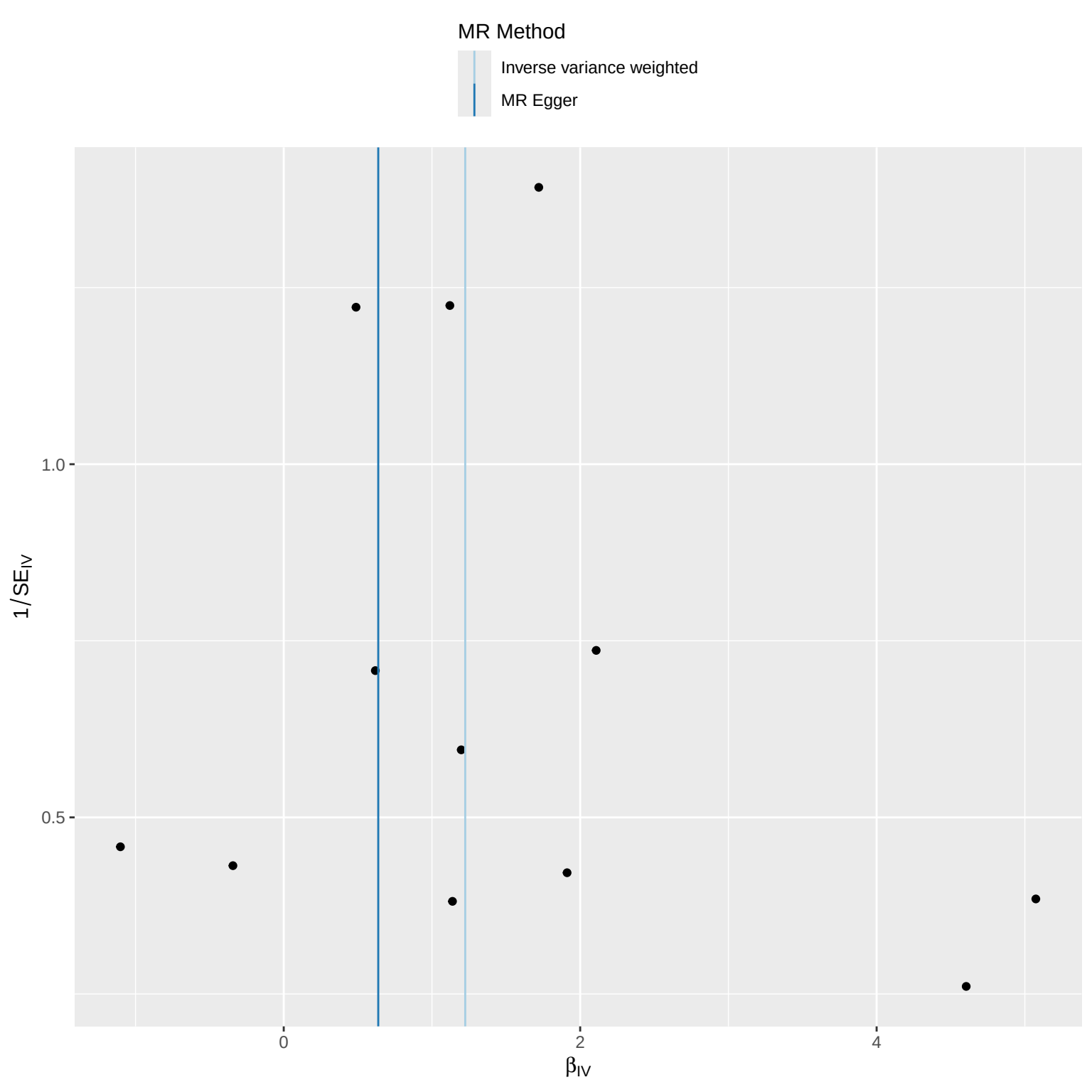

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

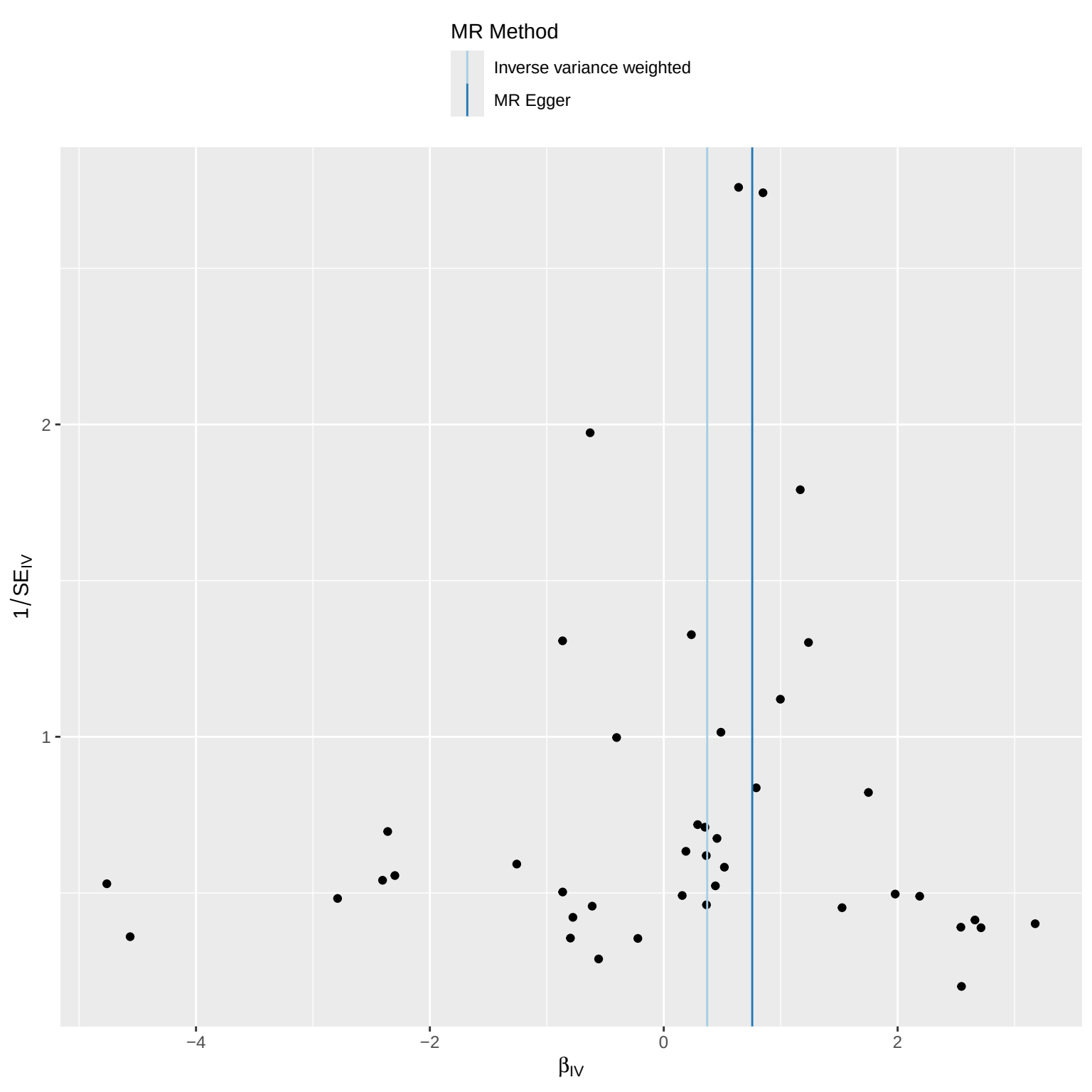

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
0.2
1/SE_IV
−2
0
2
4
β_IV

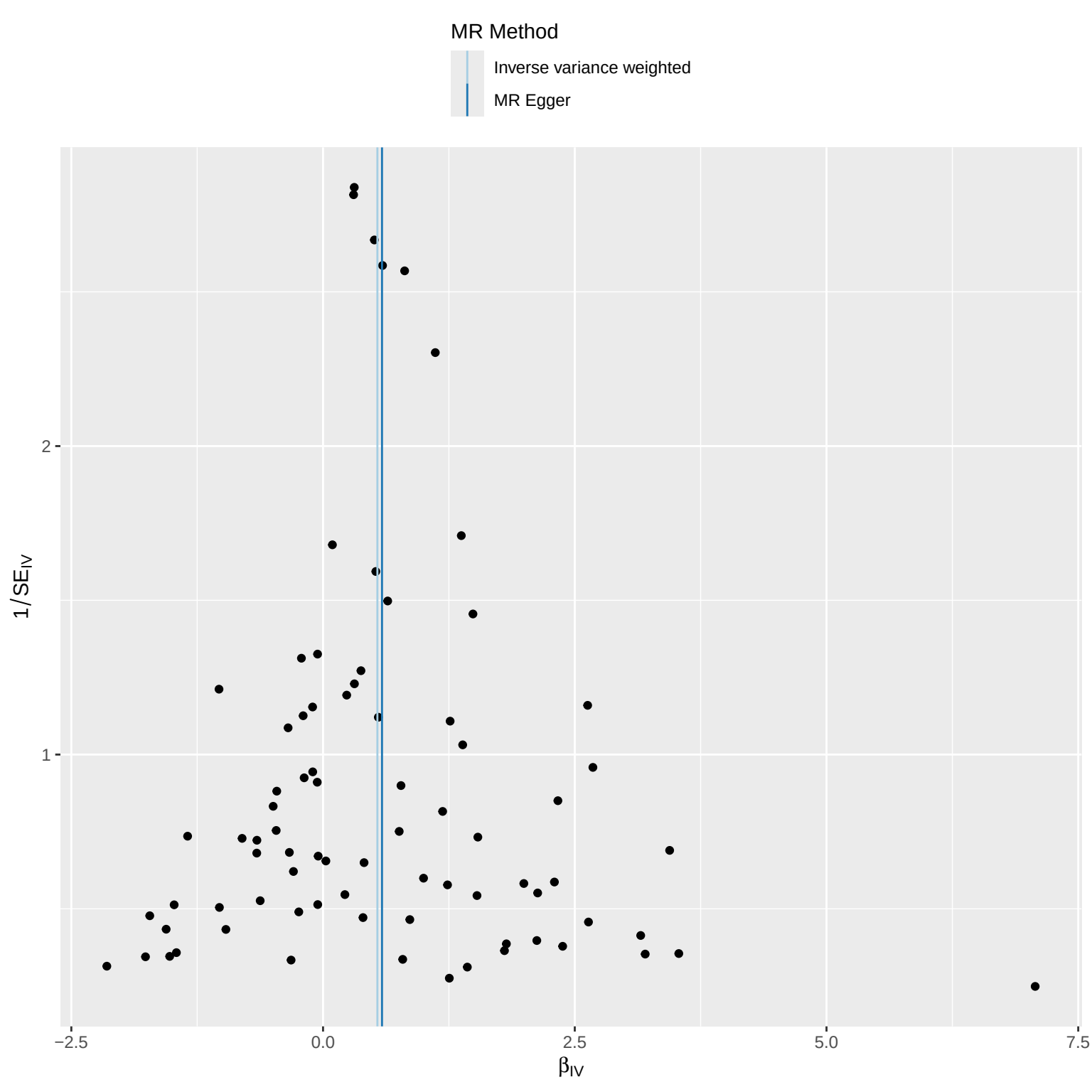

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

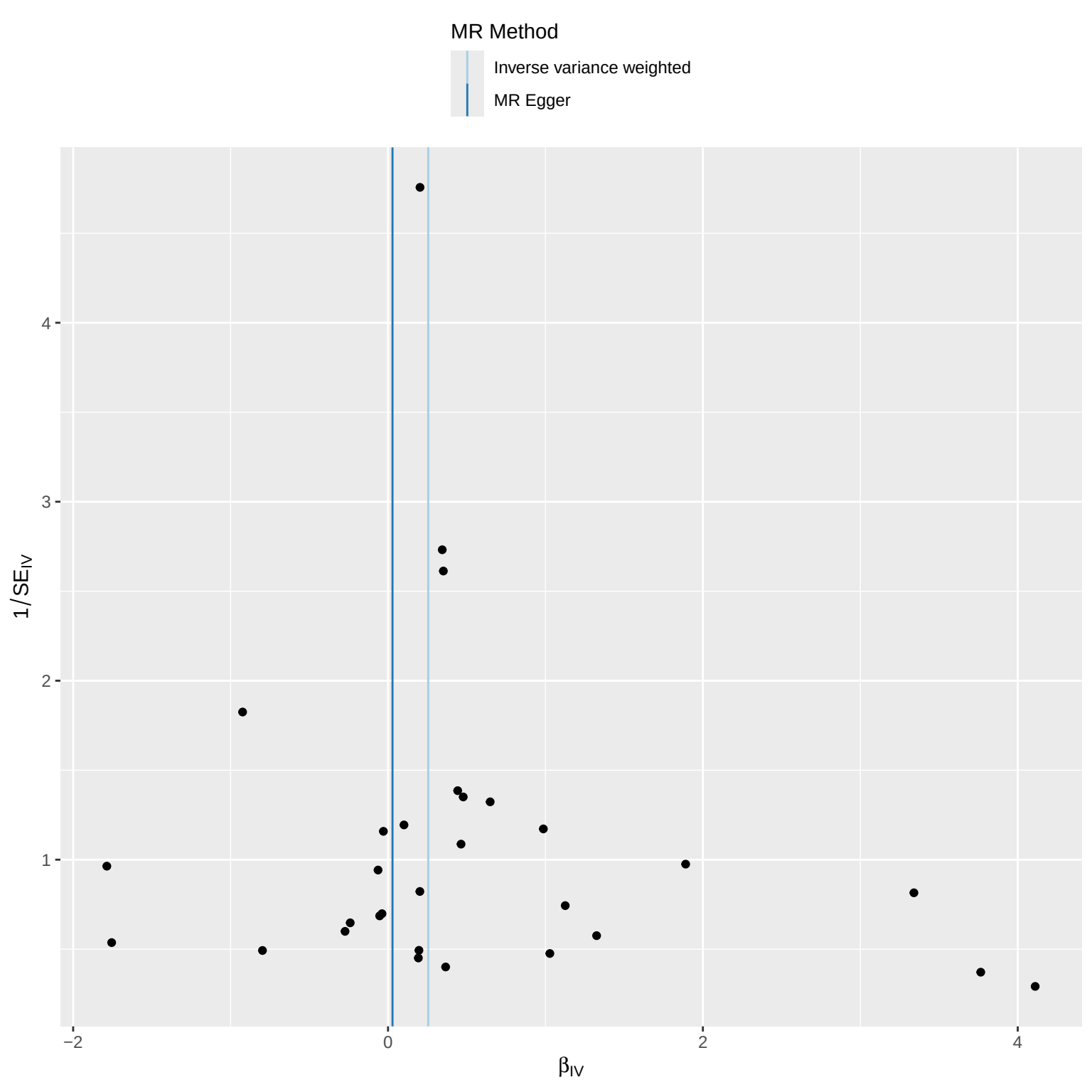

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

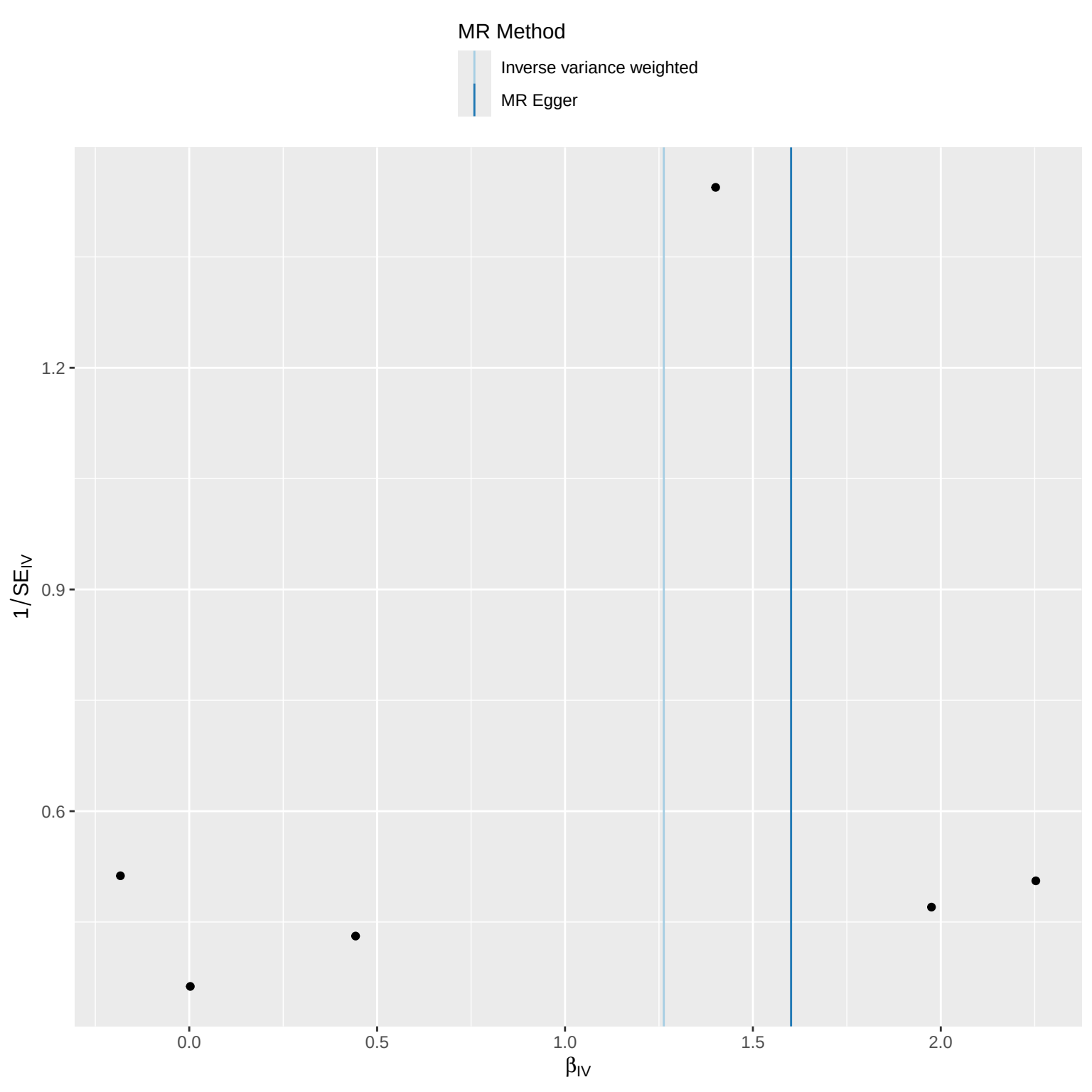

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−2.5
0.0
2.5
β_IV

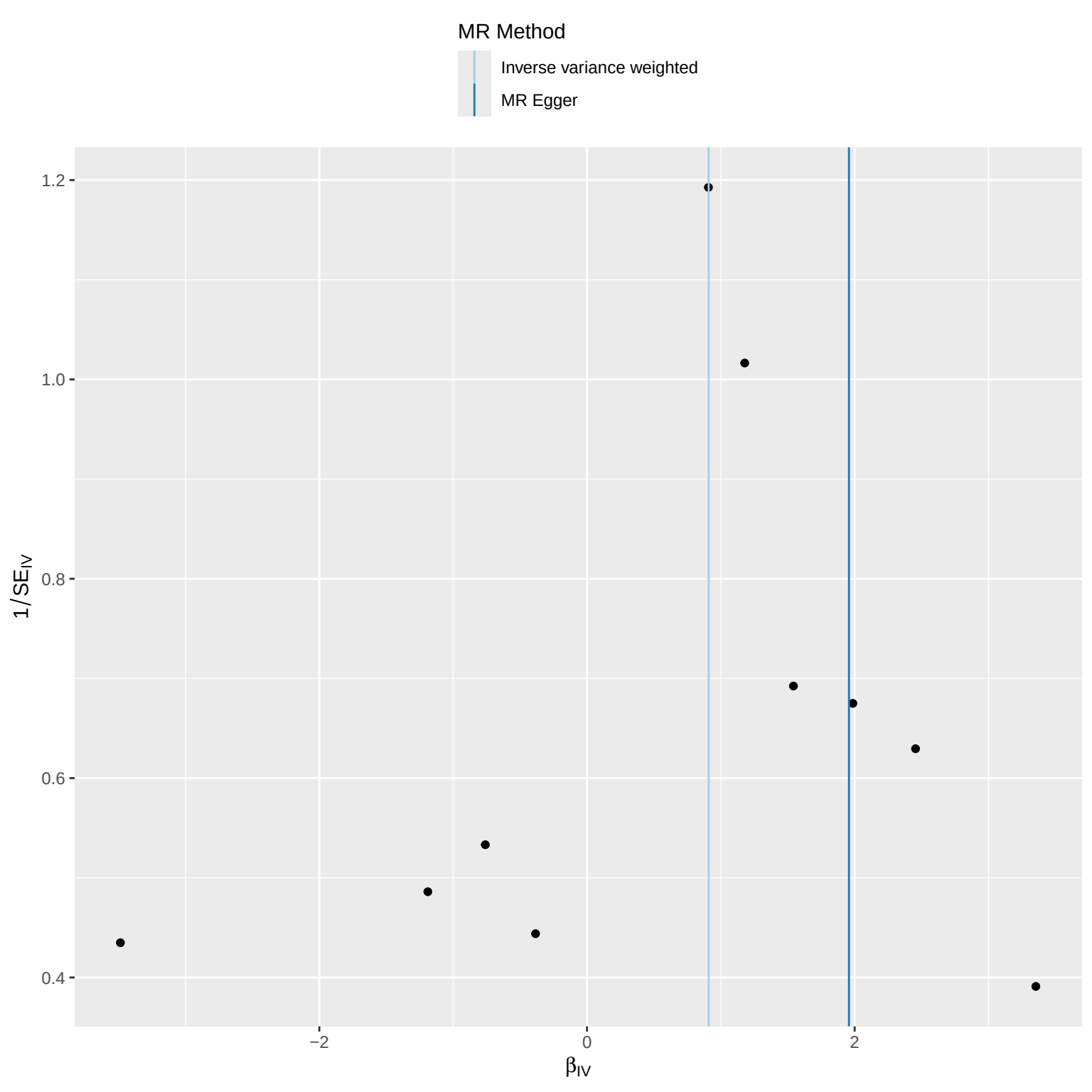

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
0
2
4
β_IV

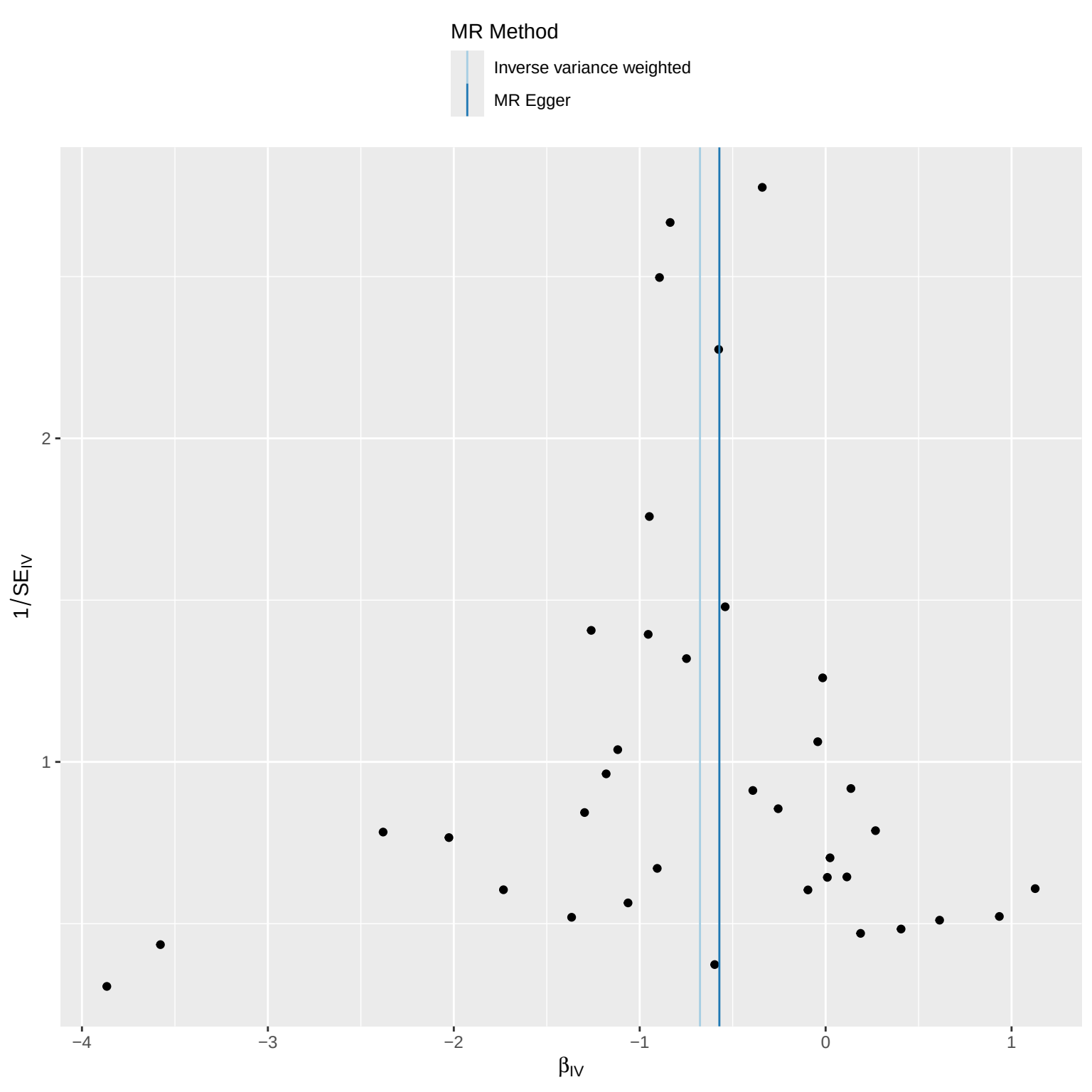

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

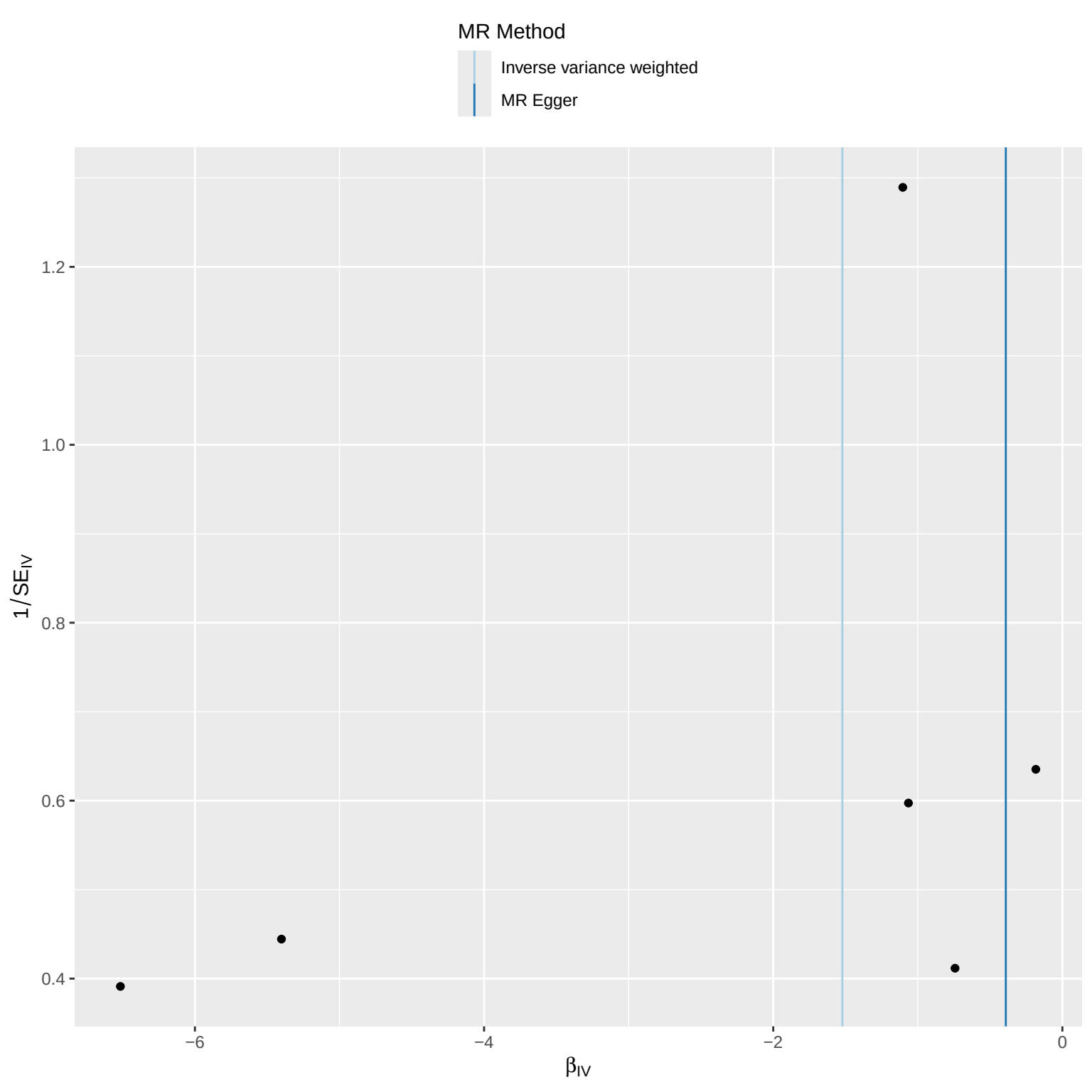

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
7.5
β_IV

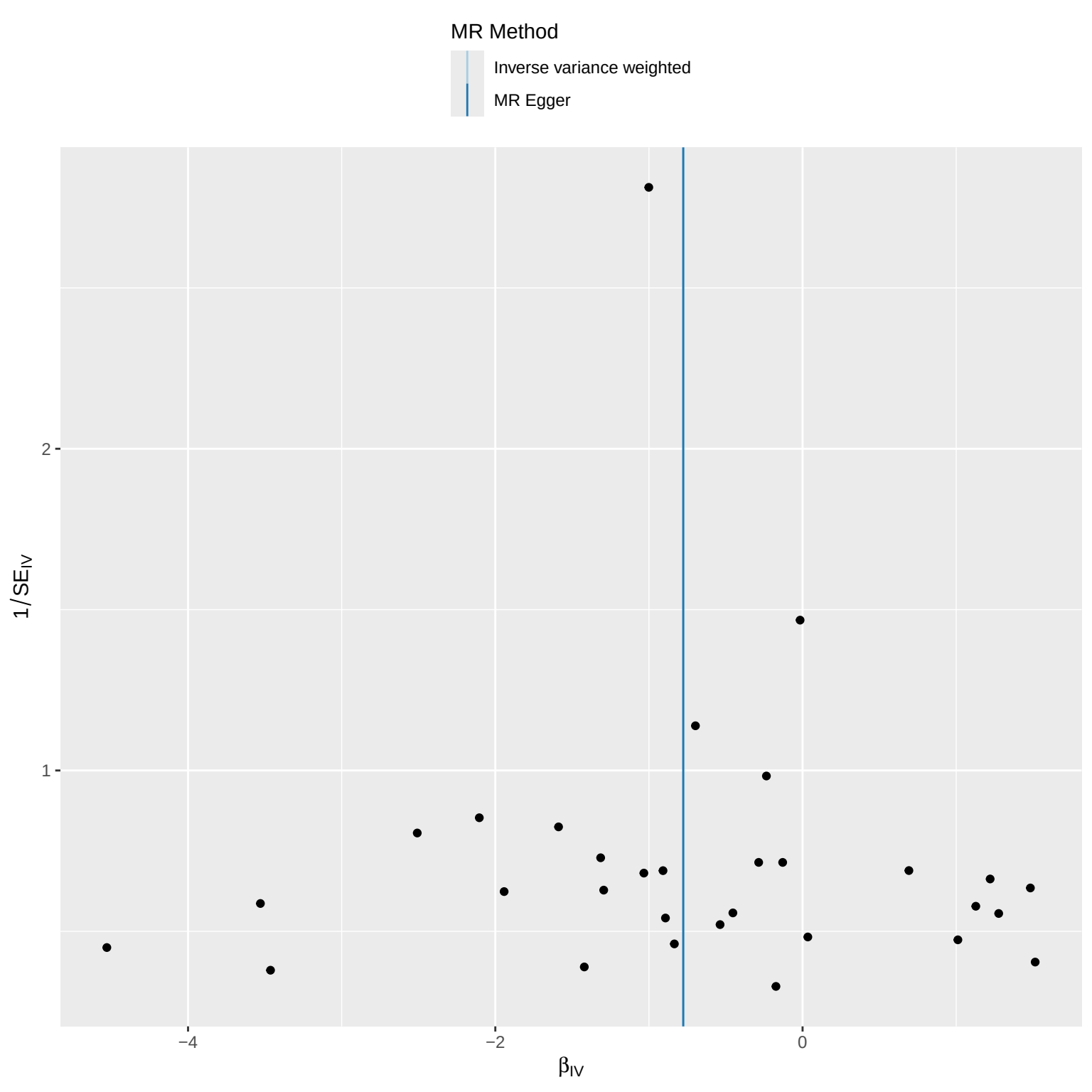

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
0
2
4

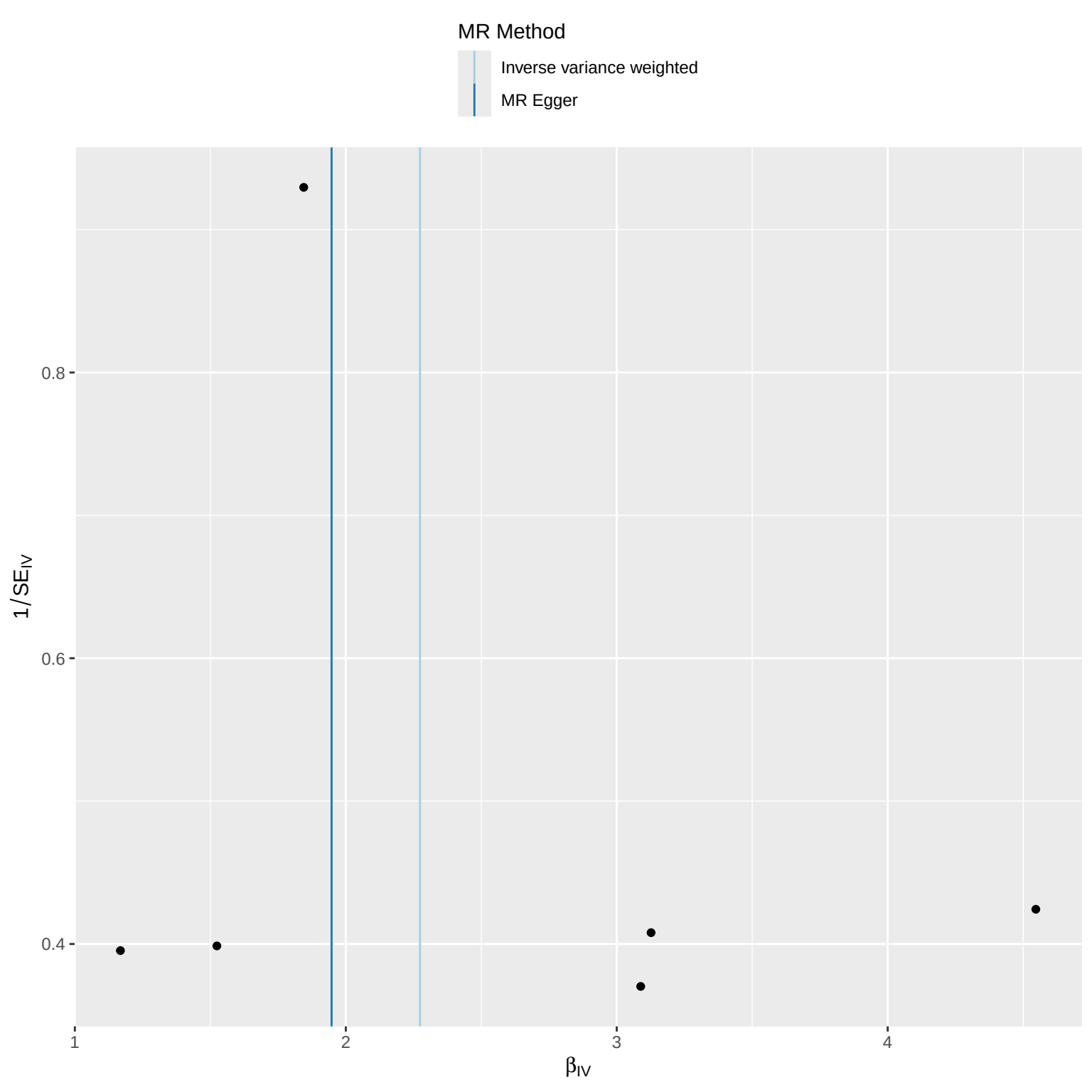

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

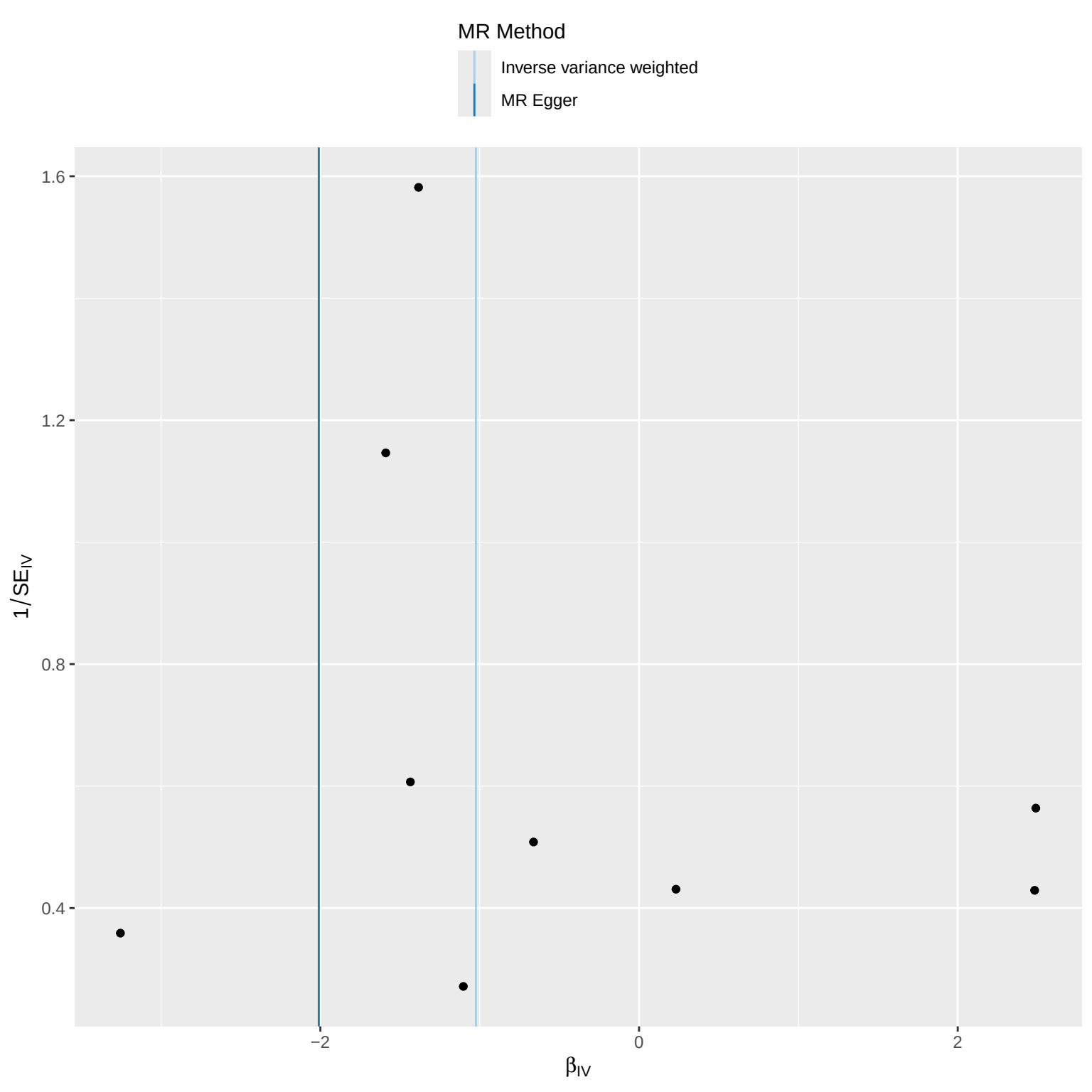

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
β_IV

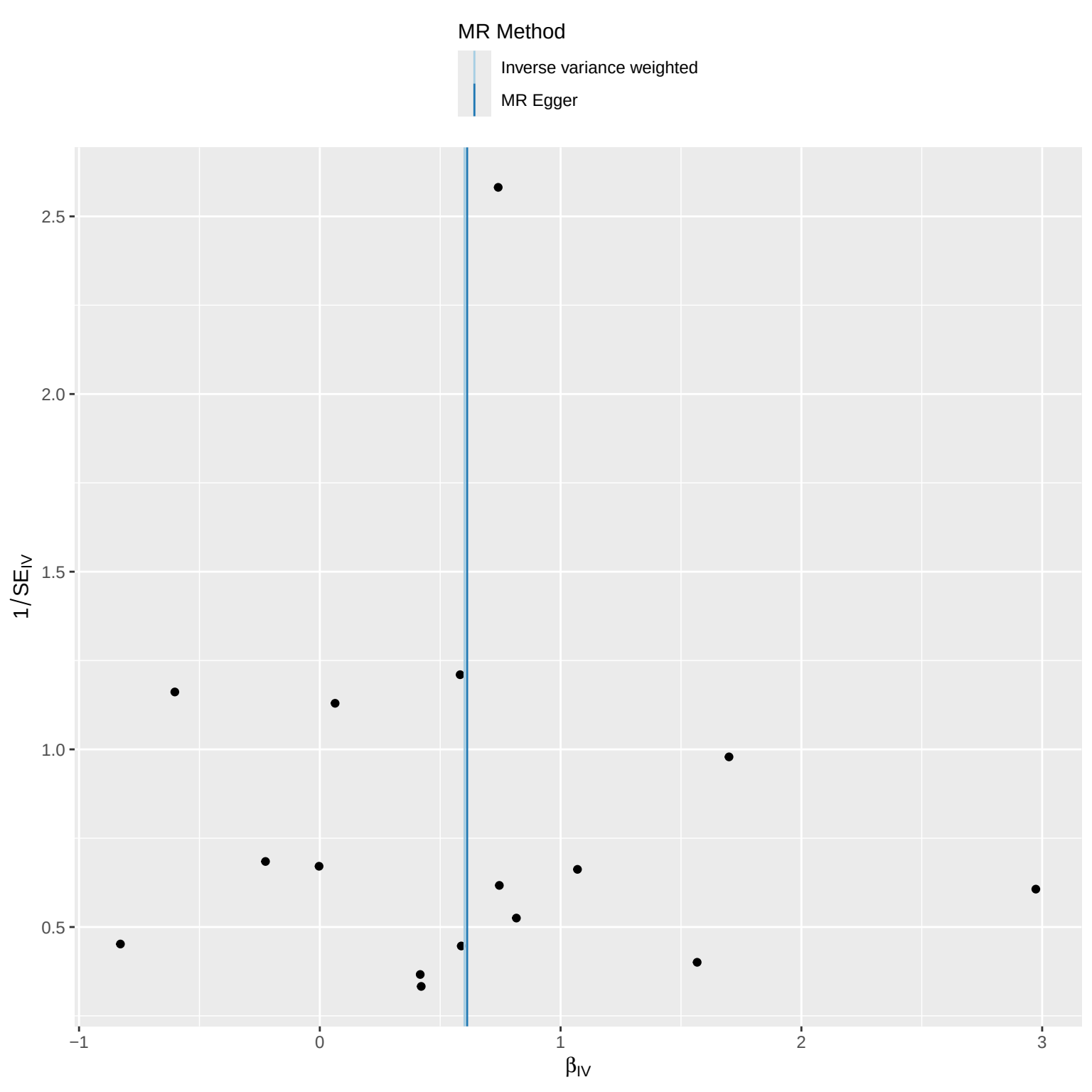

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

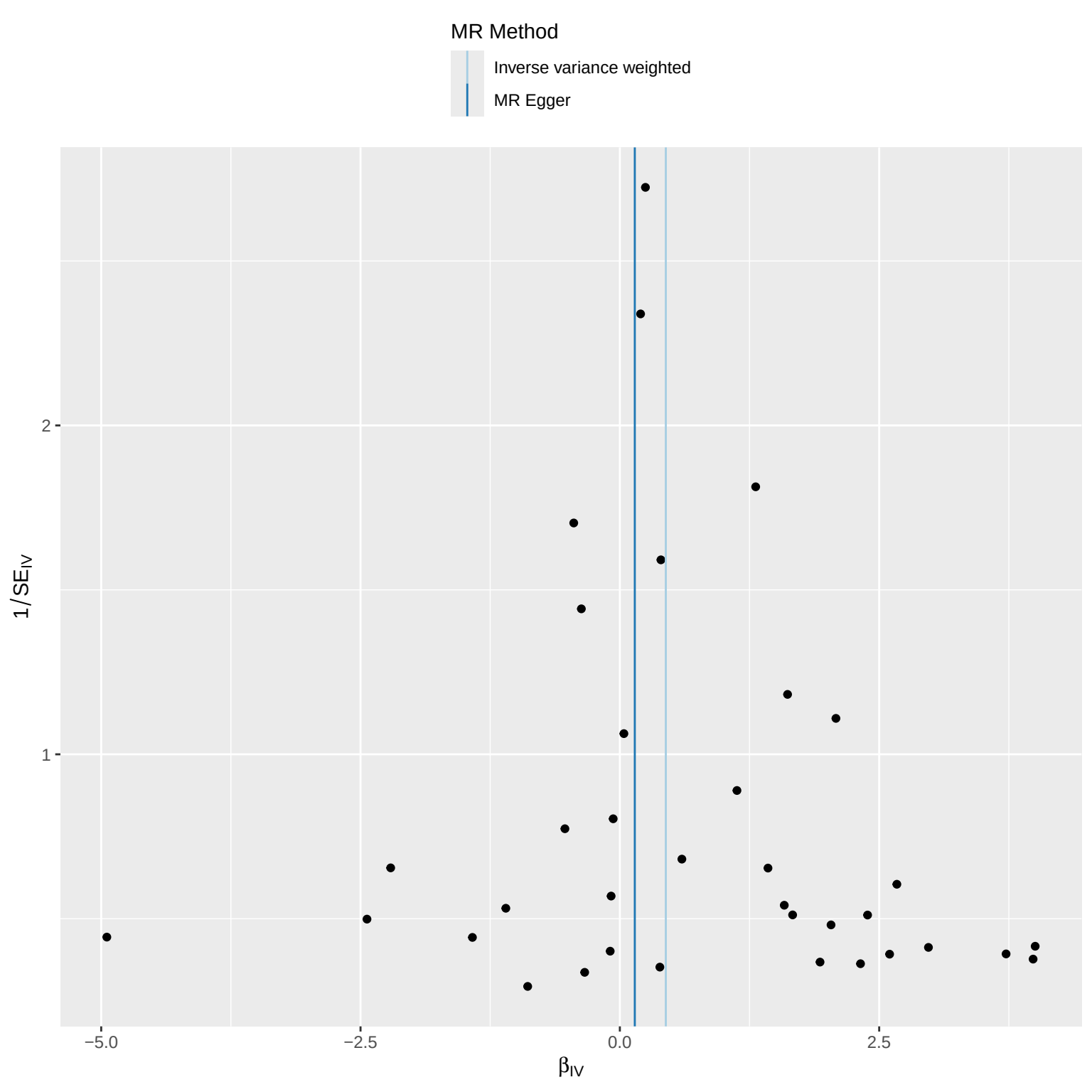

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
β_IV

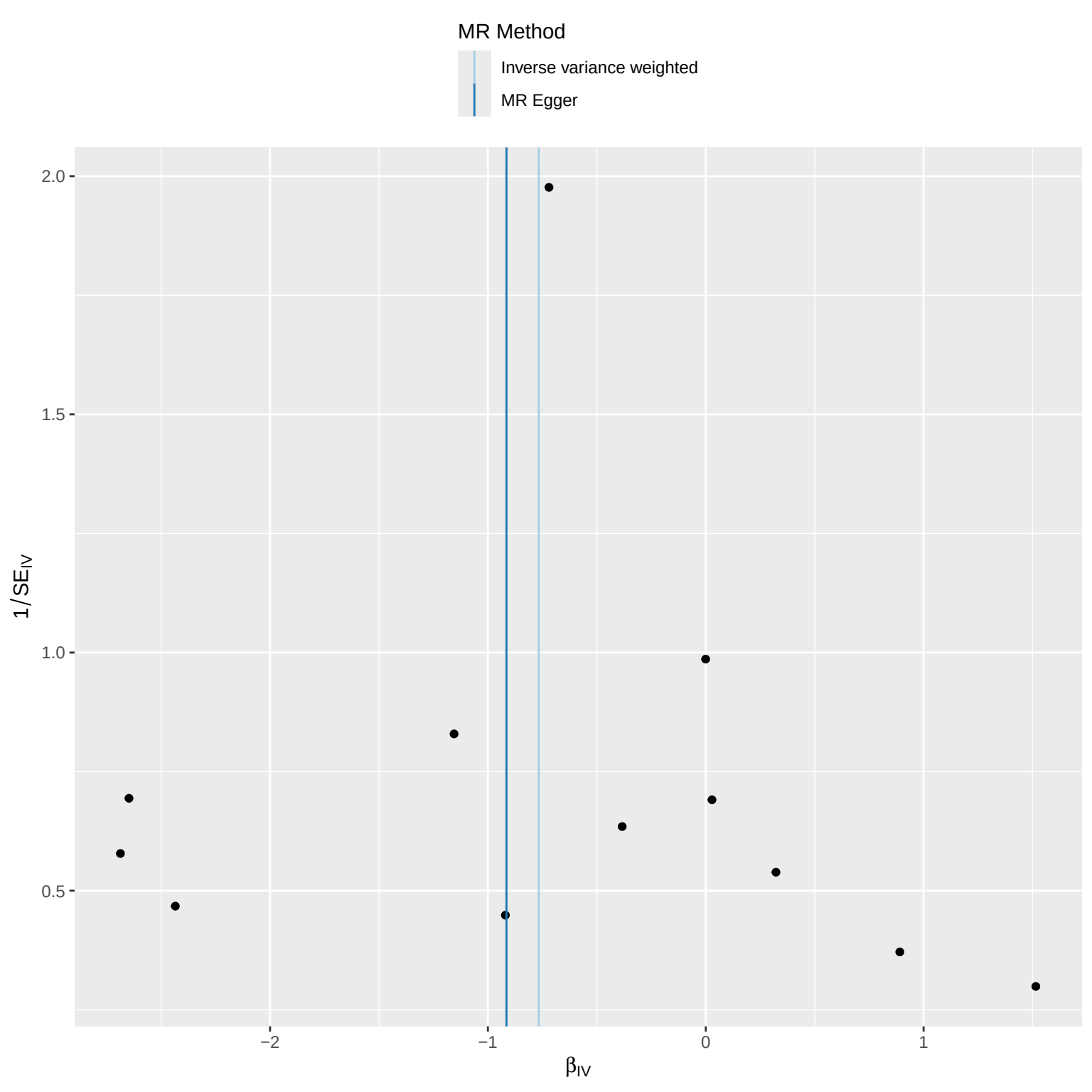

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
β_IV

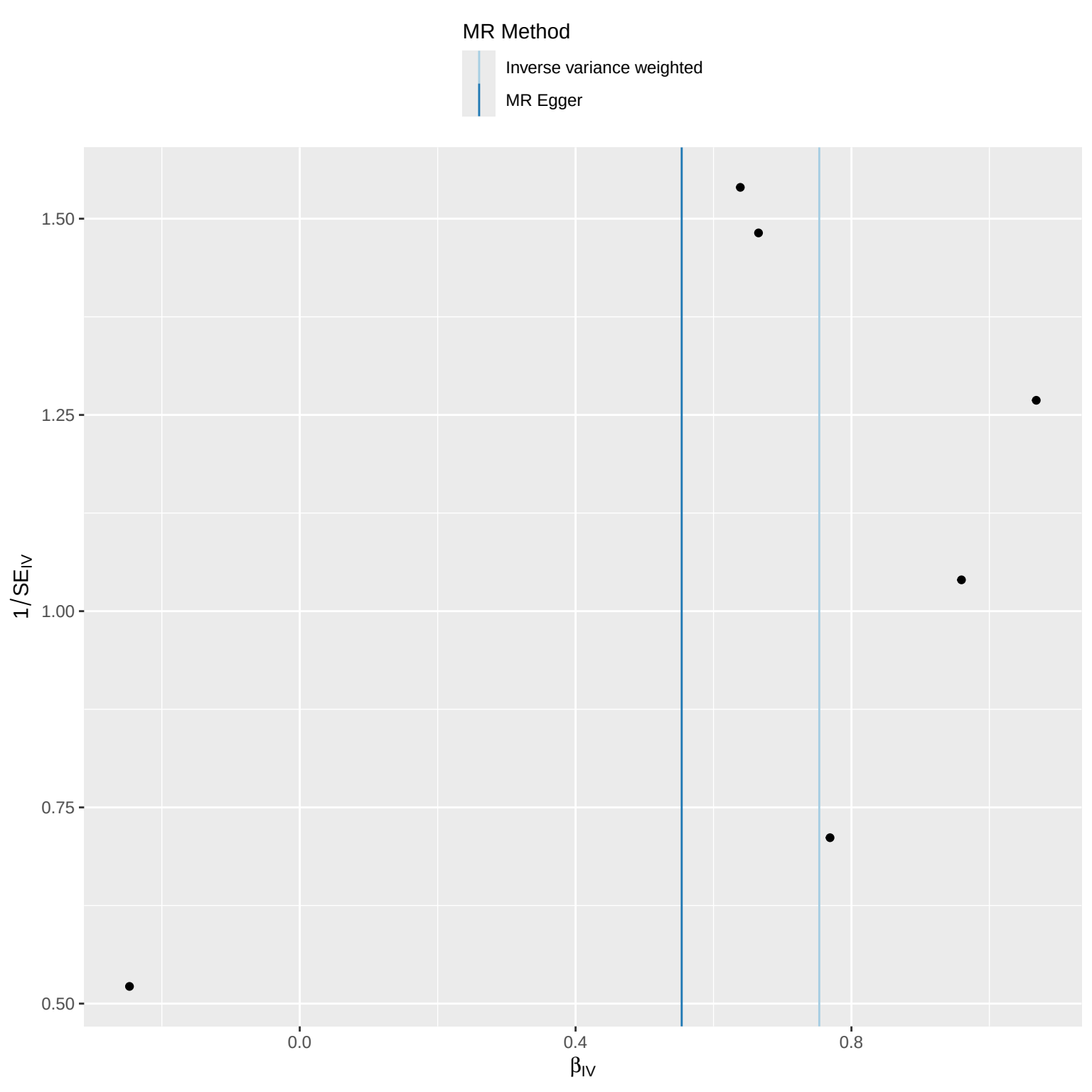

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
1
2
3
4
β_IV

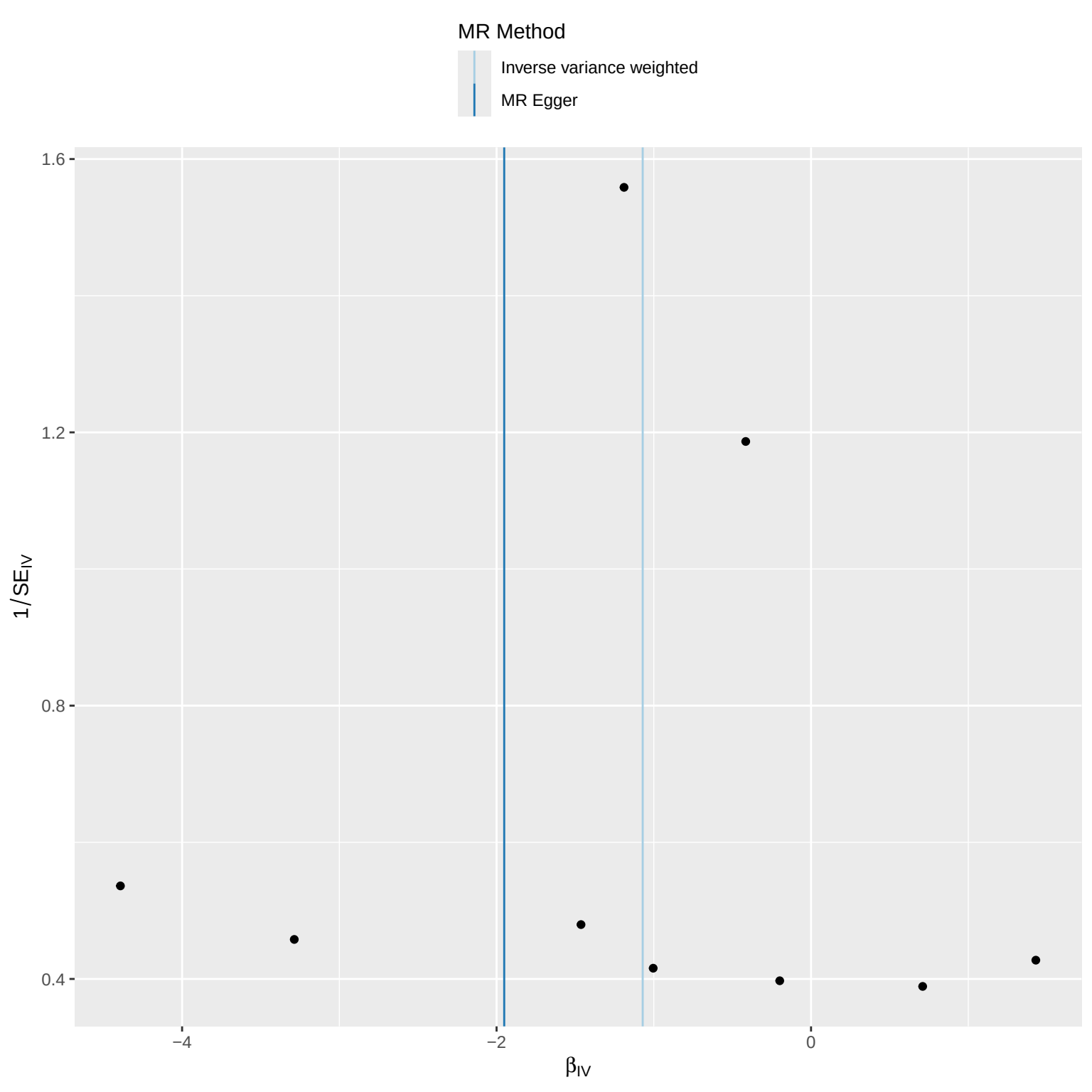

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
β_IV

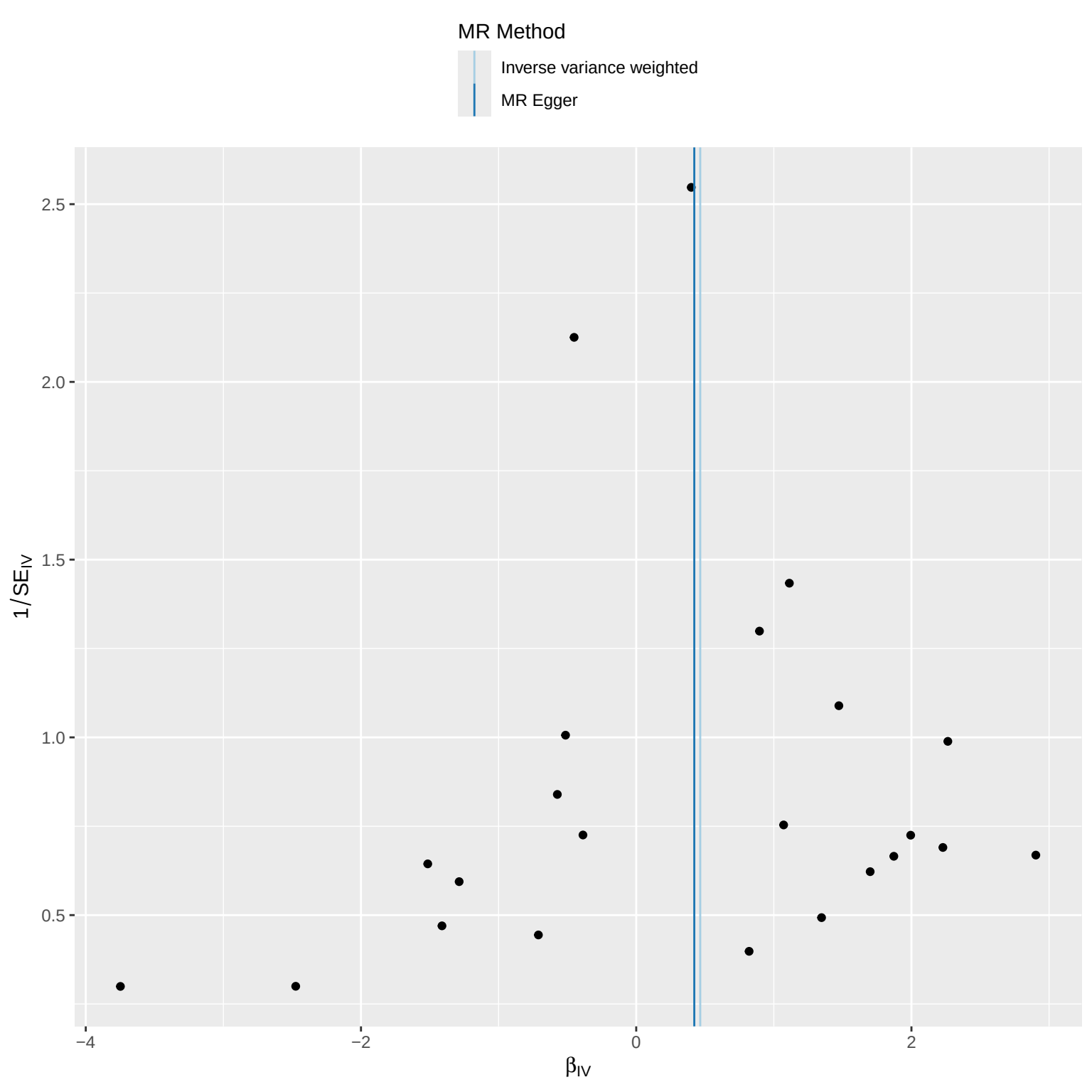

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

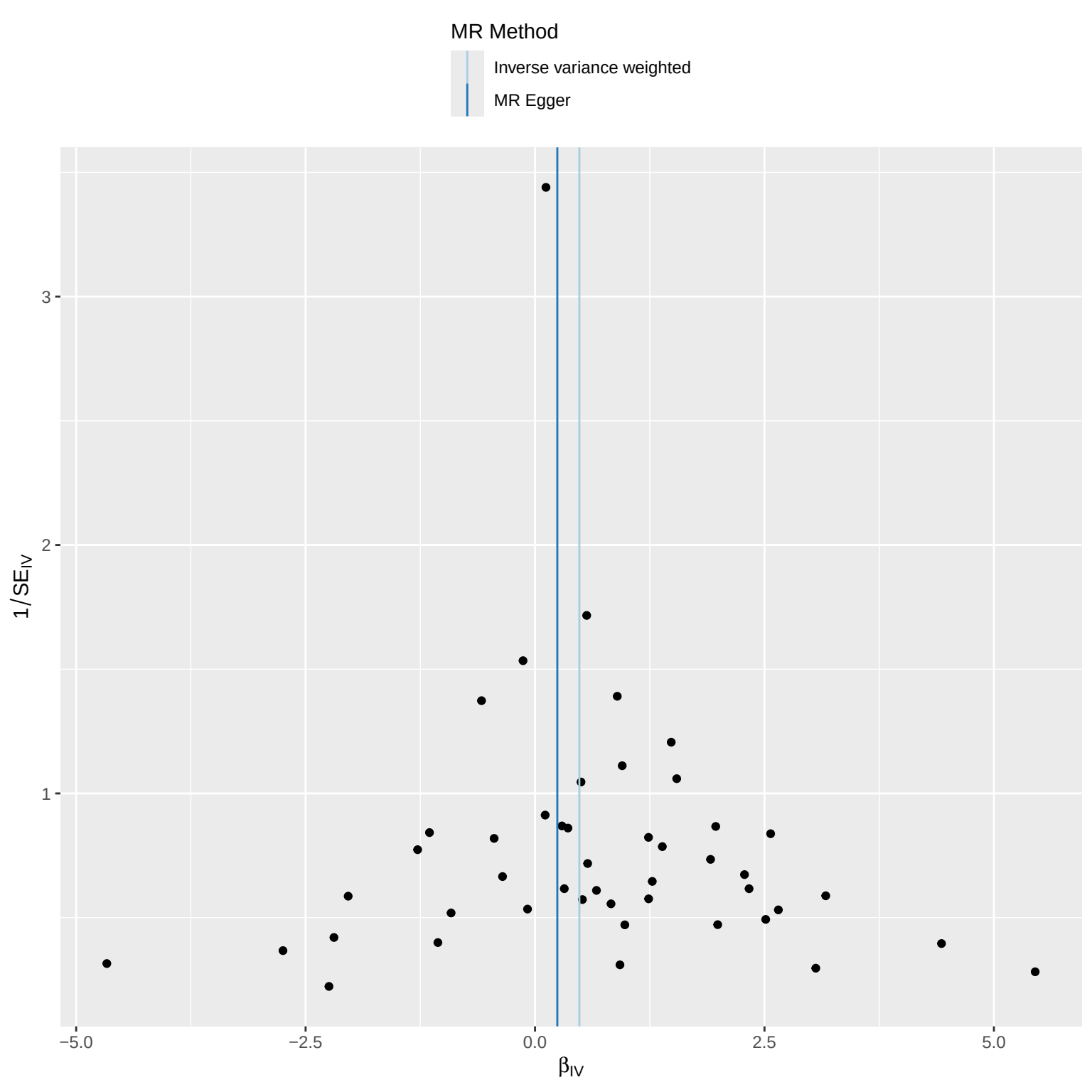

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

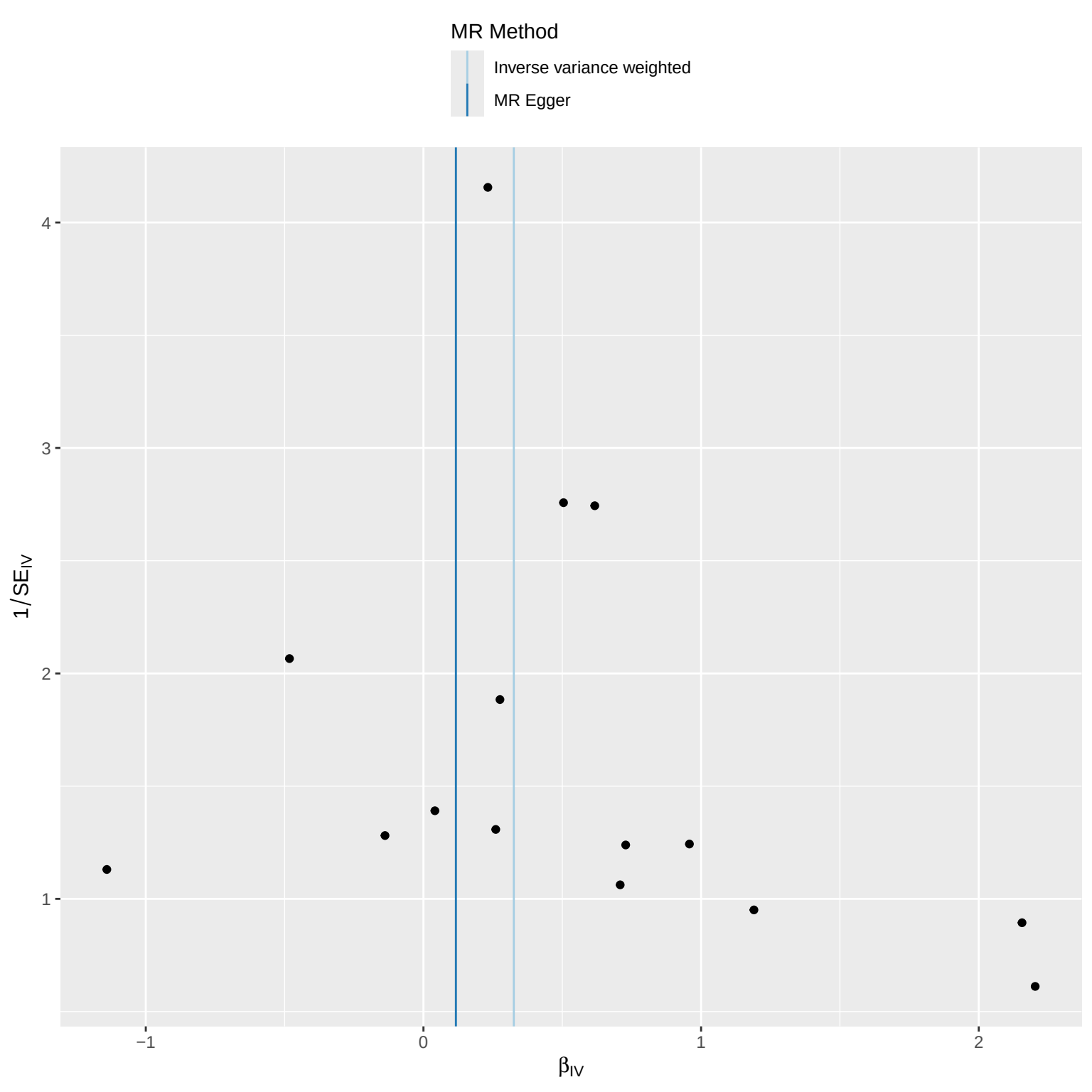

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

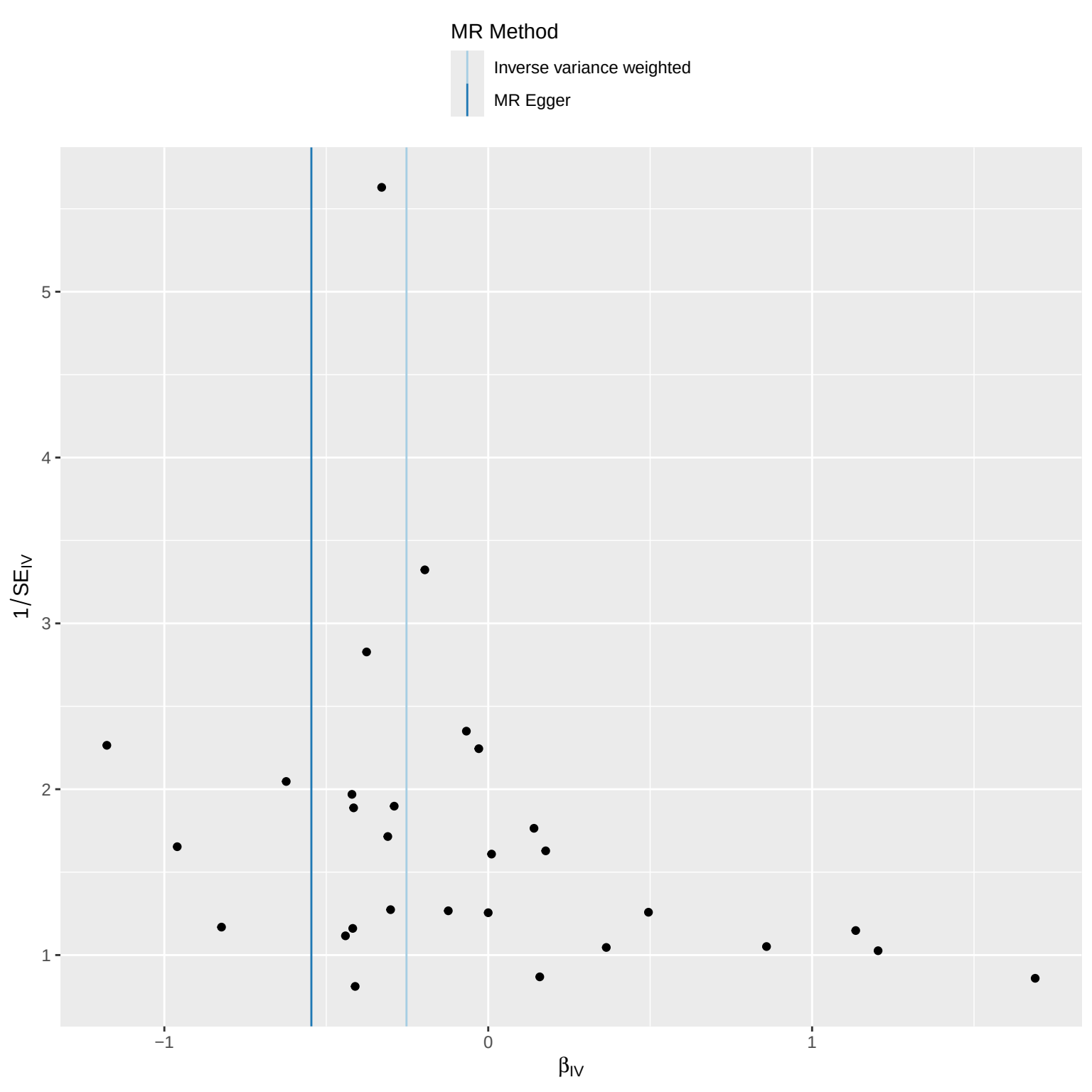

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0.0
0.4
0.8
β_IV

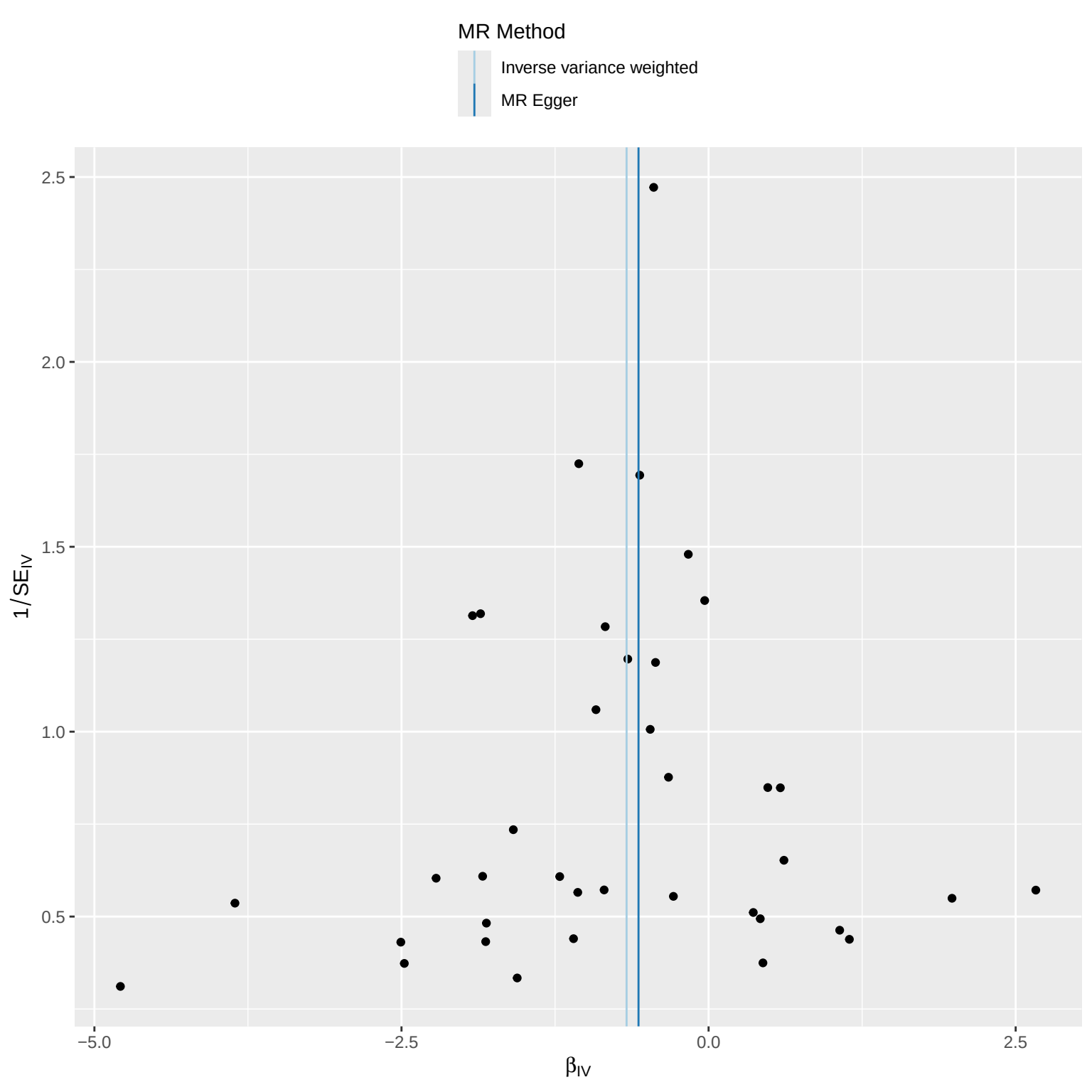

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
β_IV

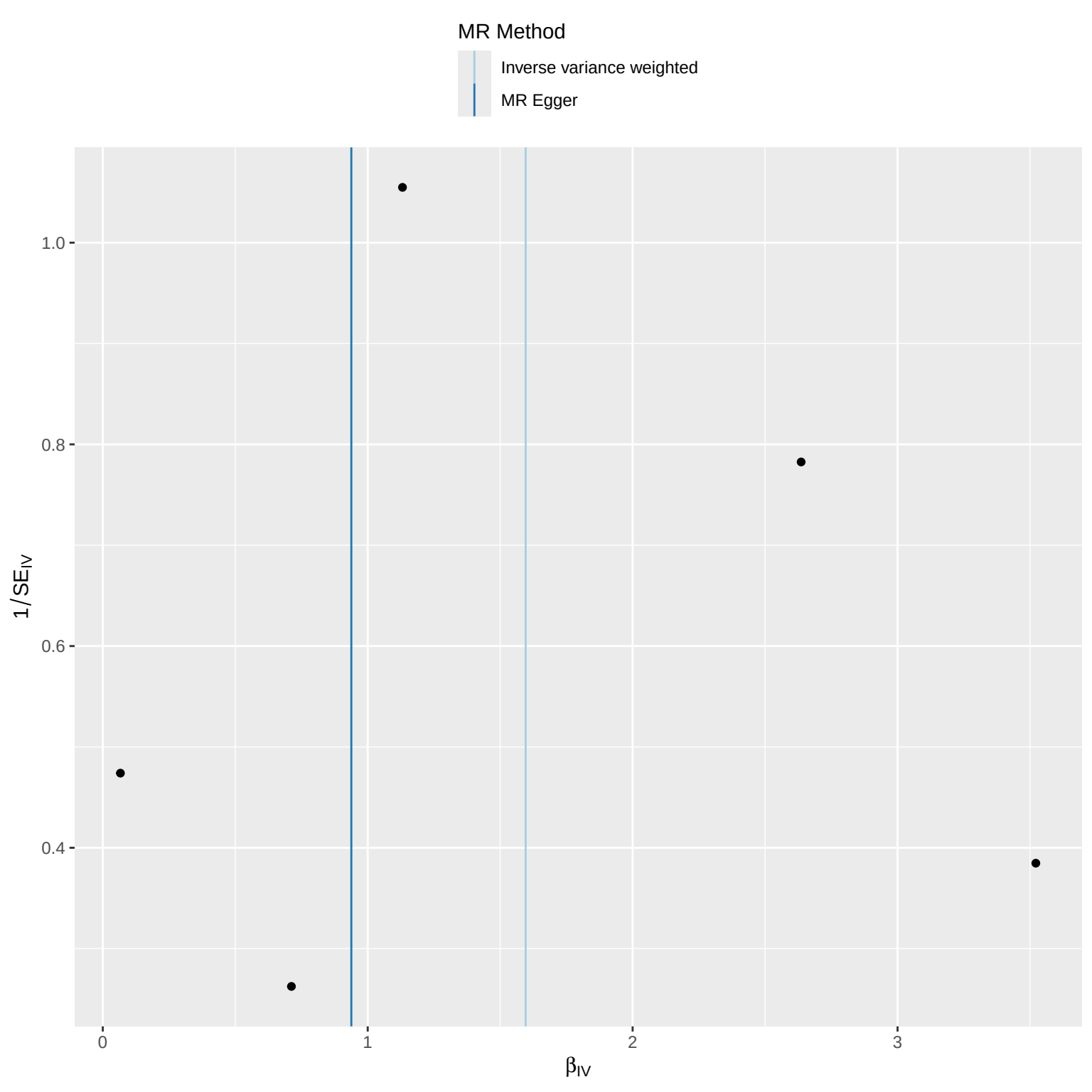

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

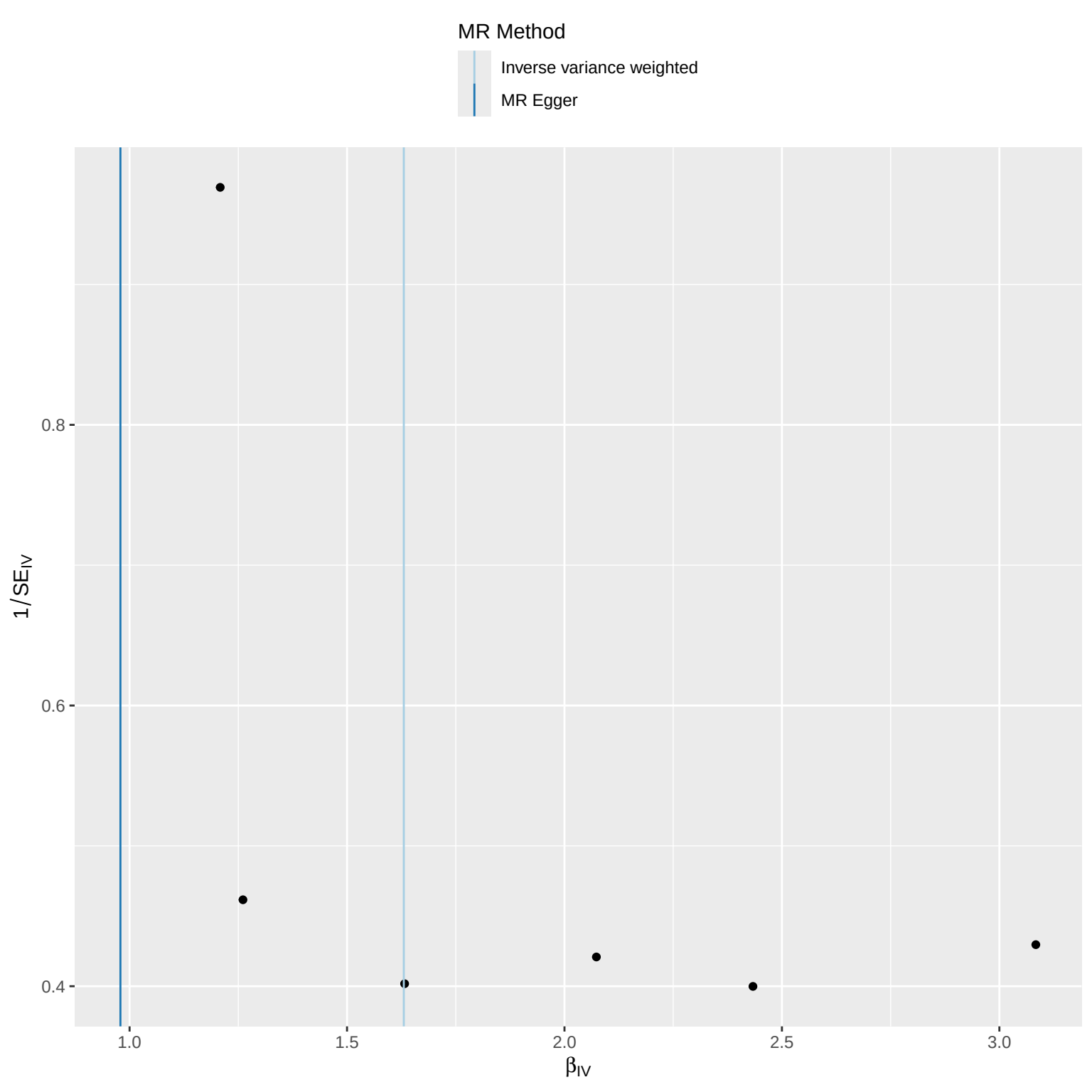

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

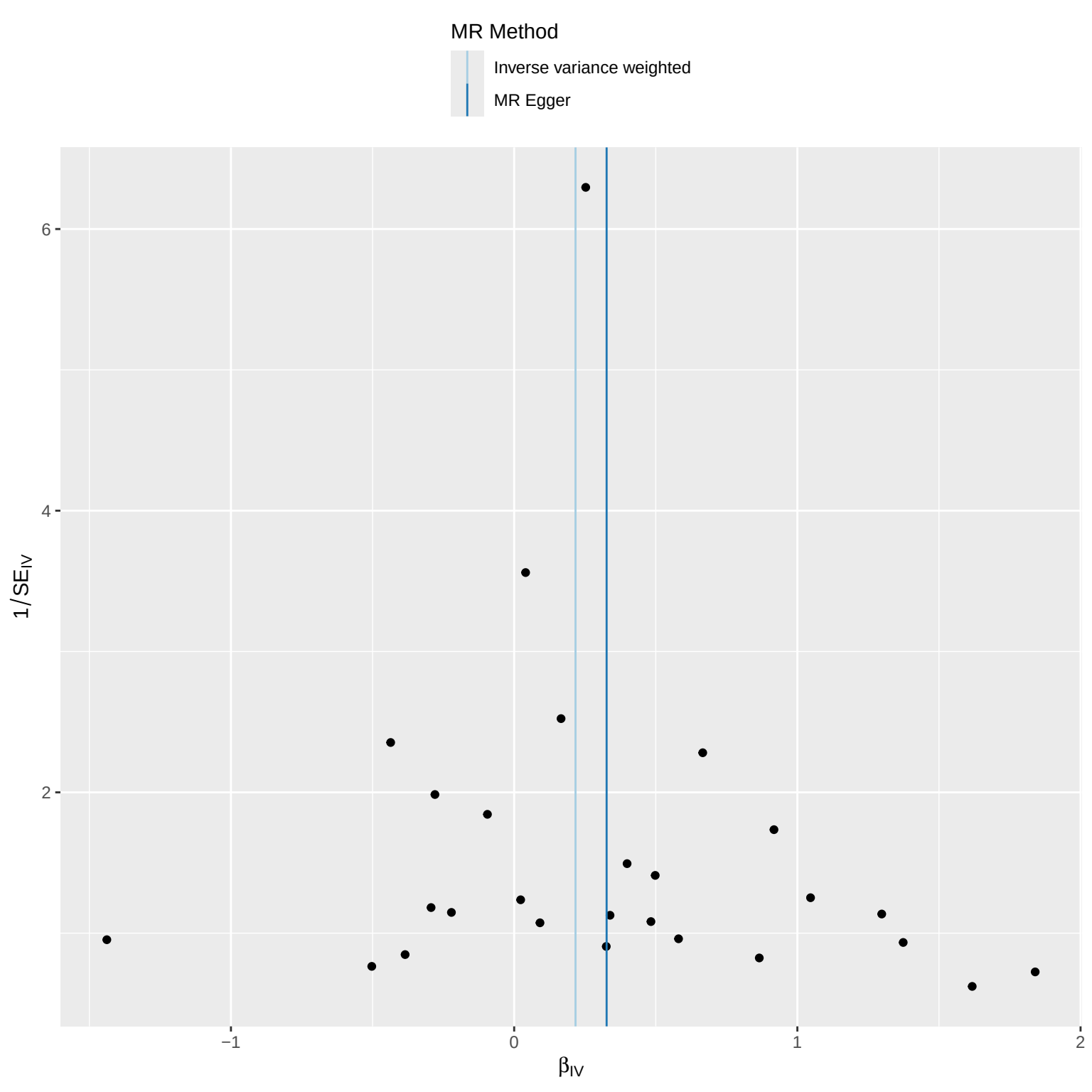

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

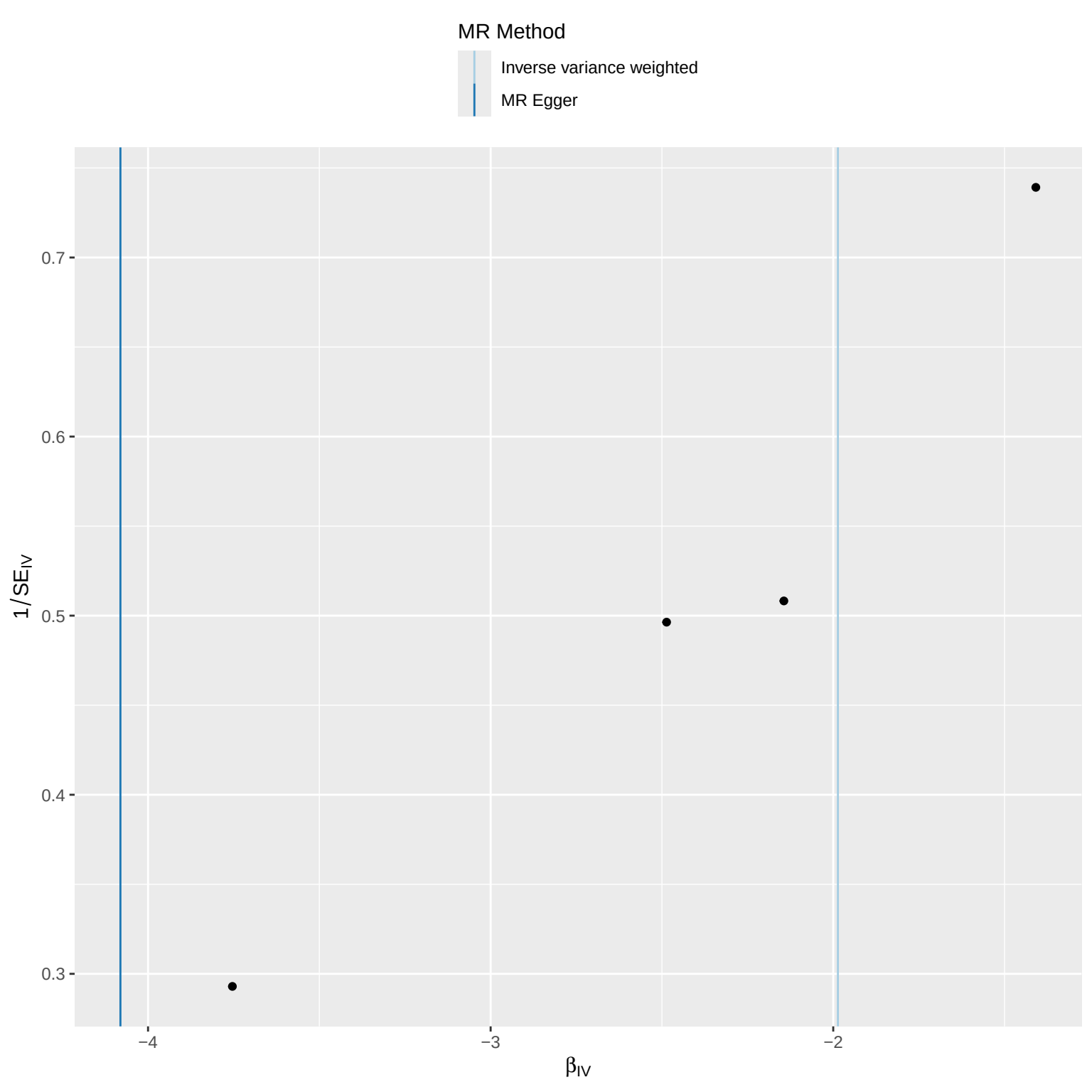

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1
0
1
β_IV

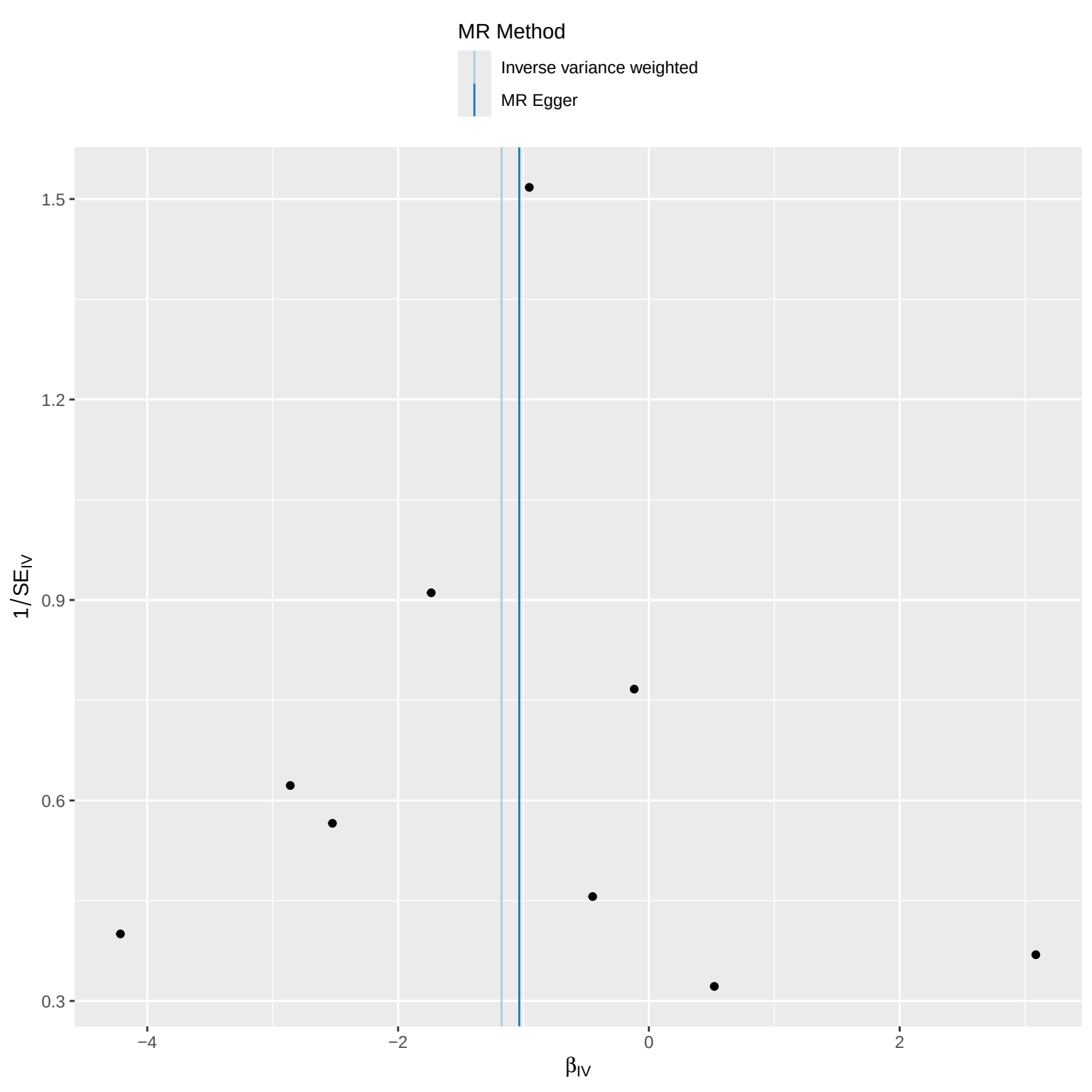

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

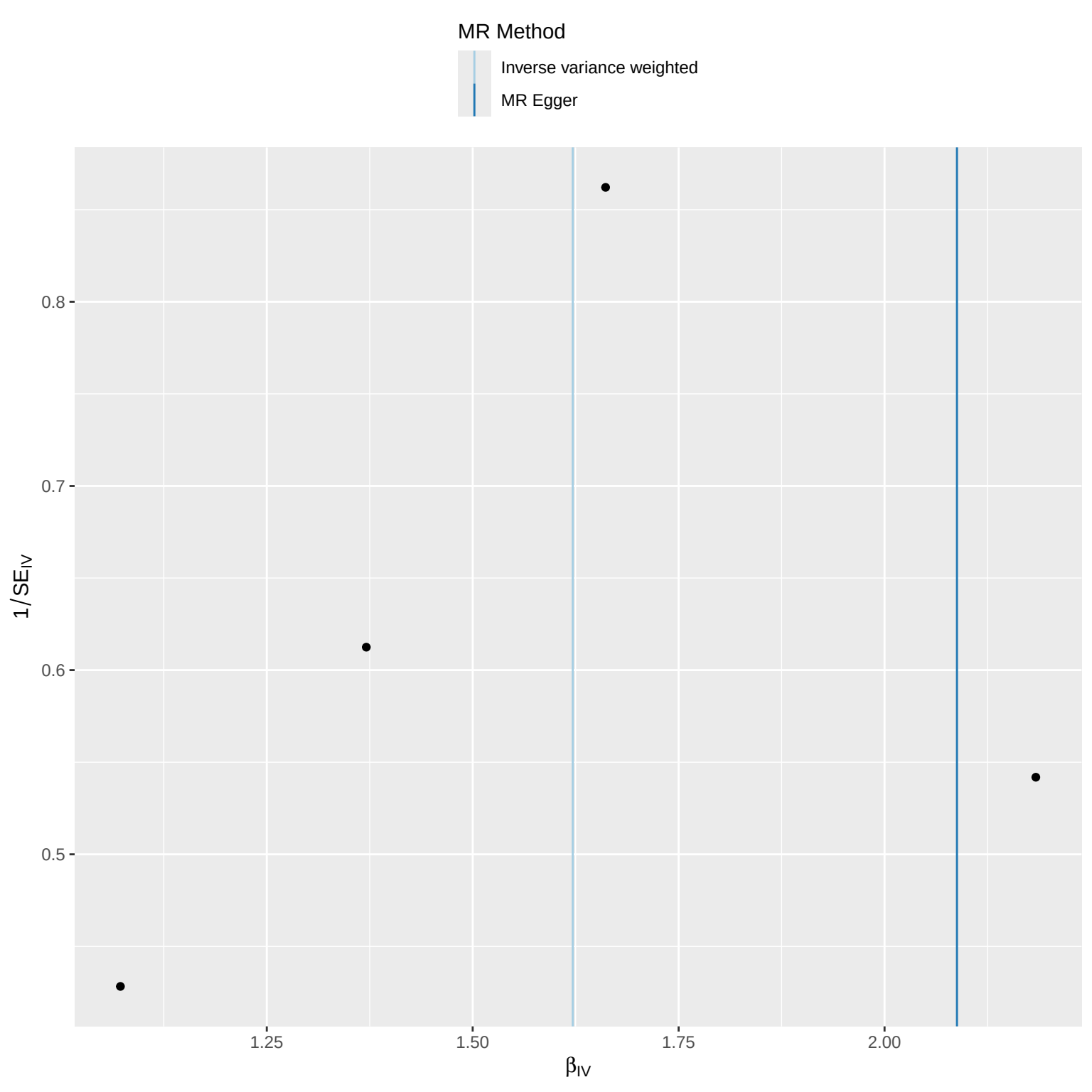

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
β_IV

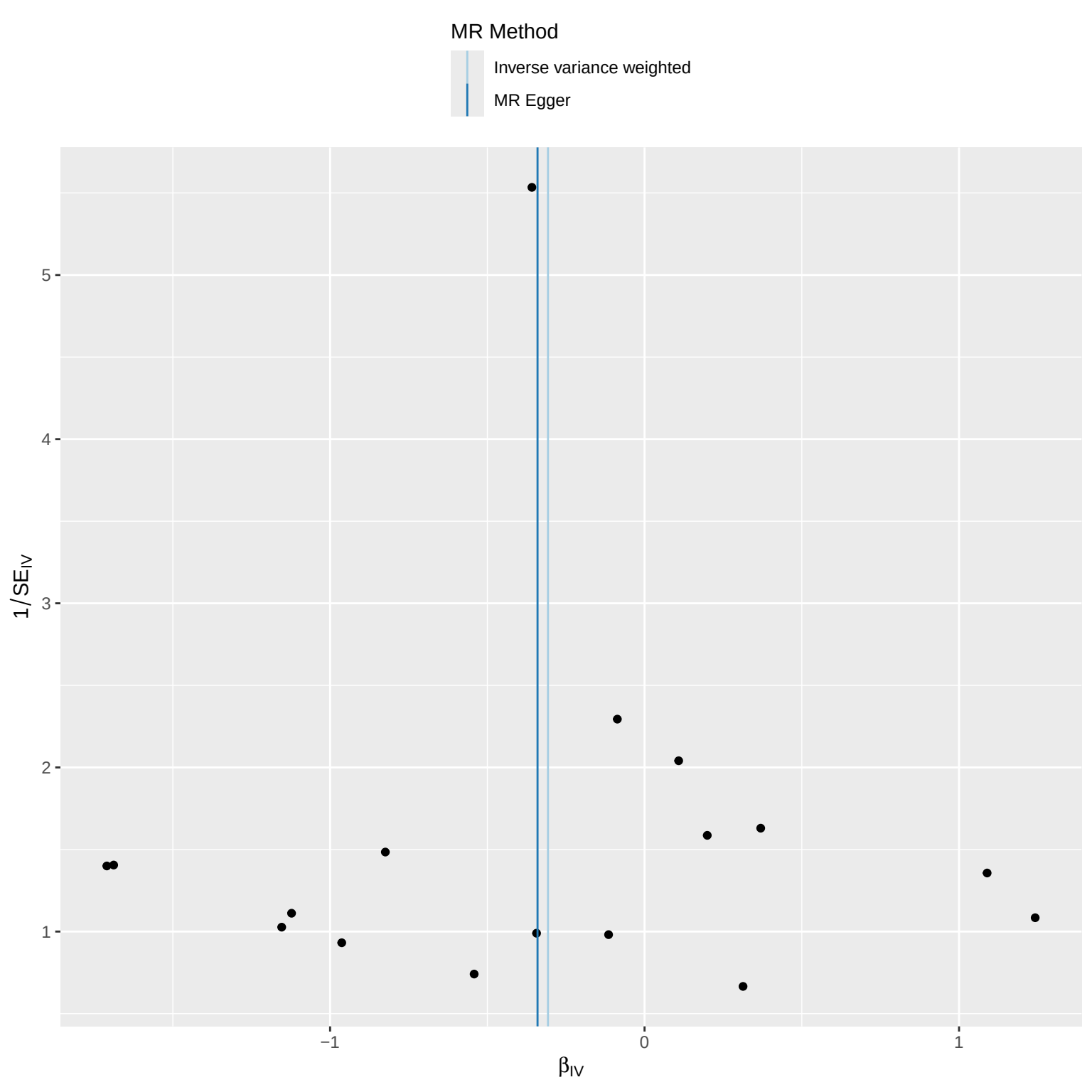

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
1.0
1.5
2.0
2.5
3.0
β_IV

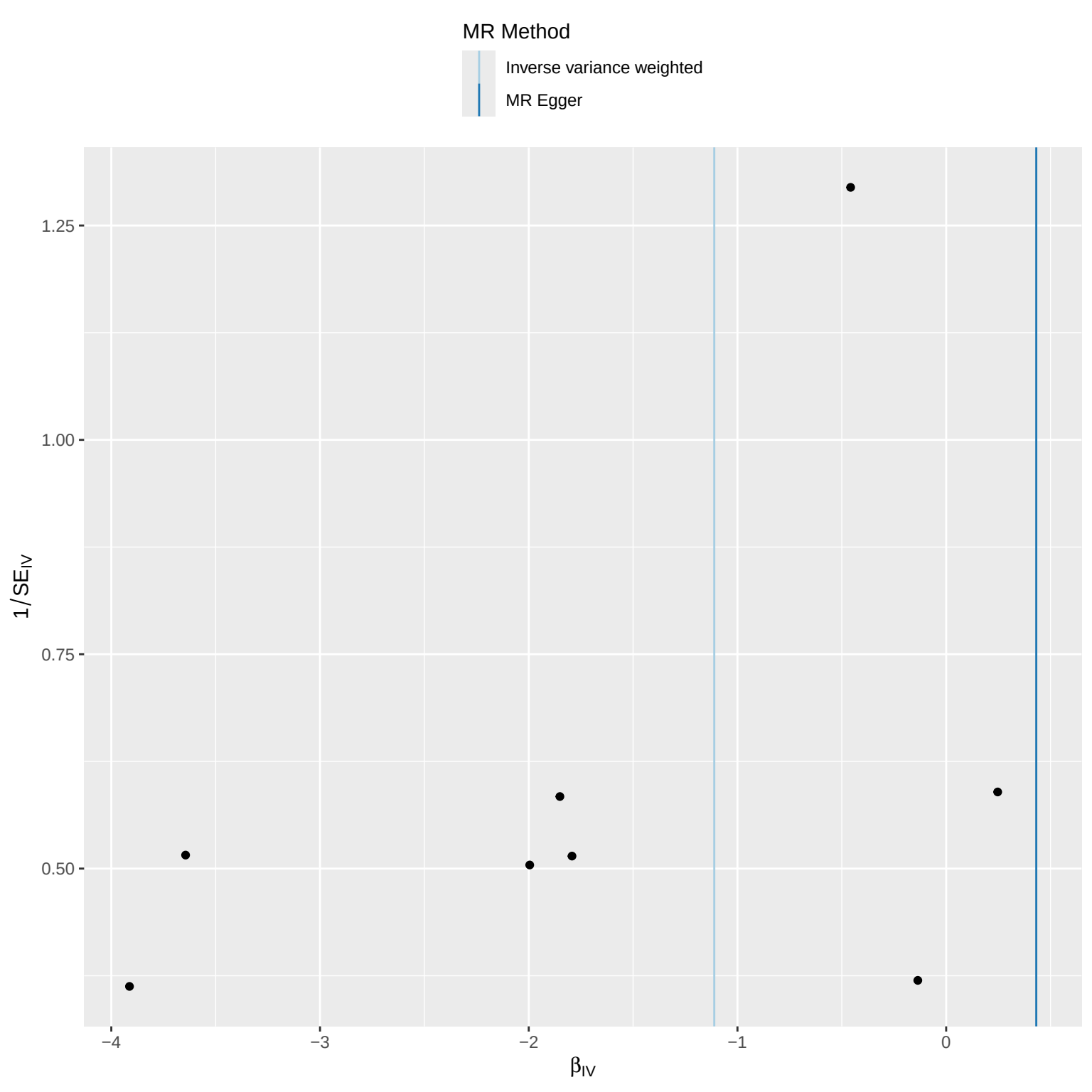

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

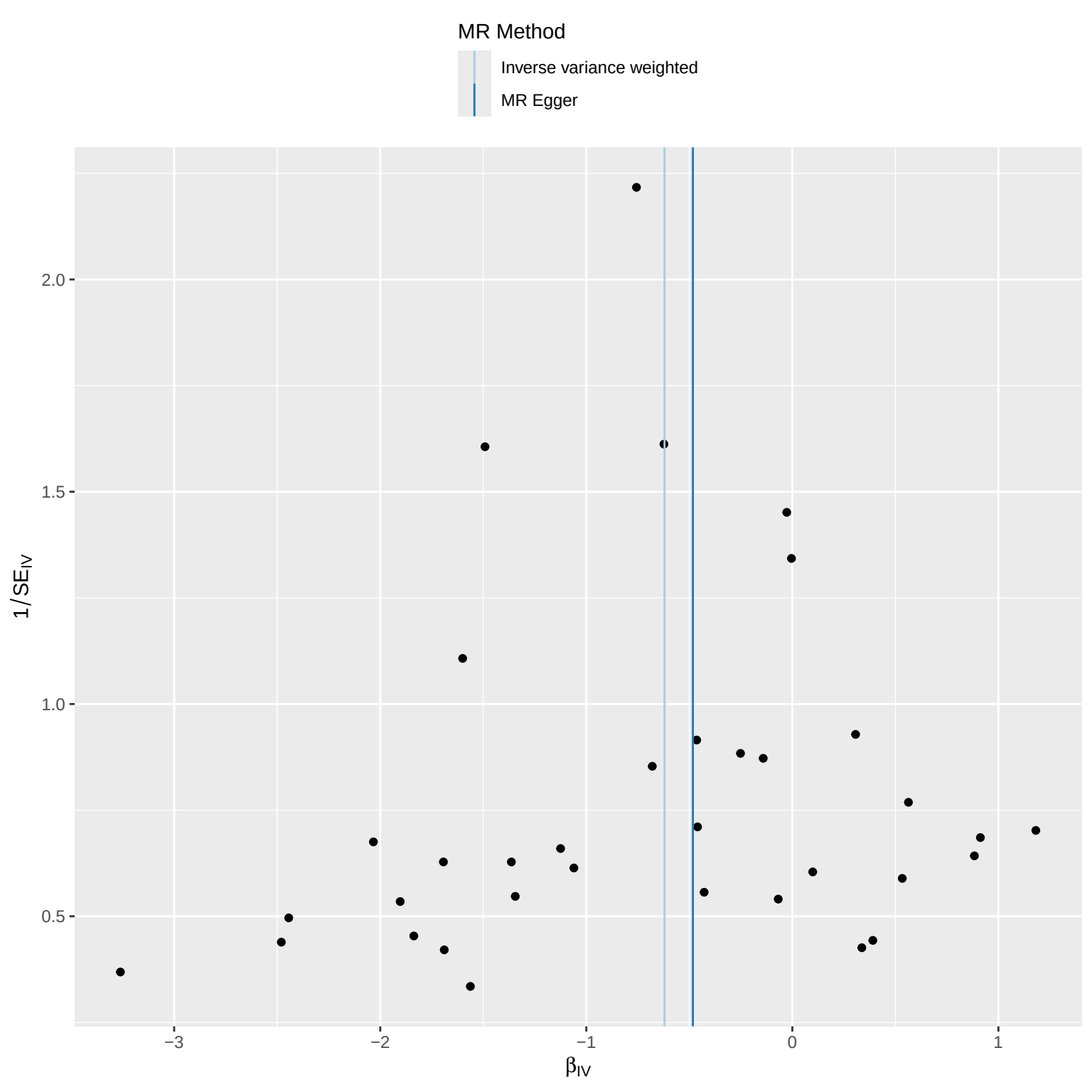

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
0.3
1/SE_IV
−4
−3
−2
β_IV

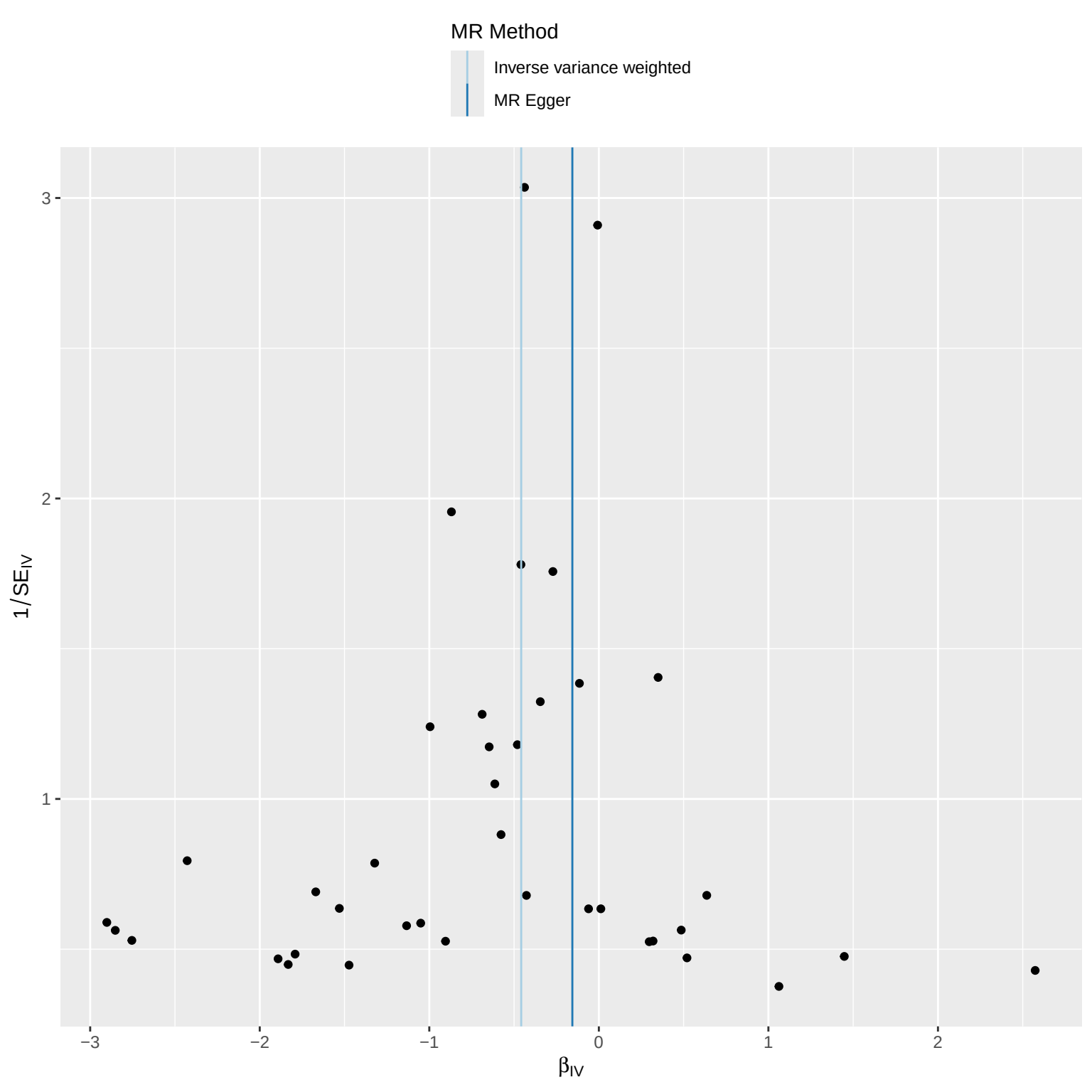

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

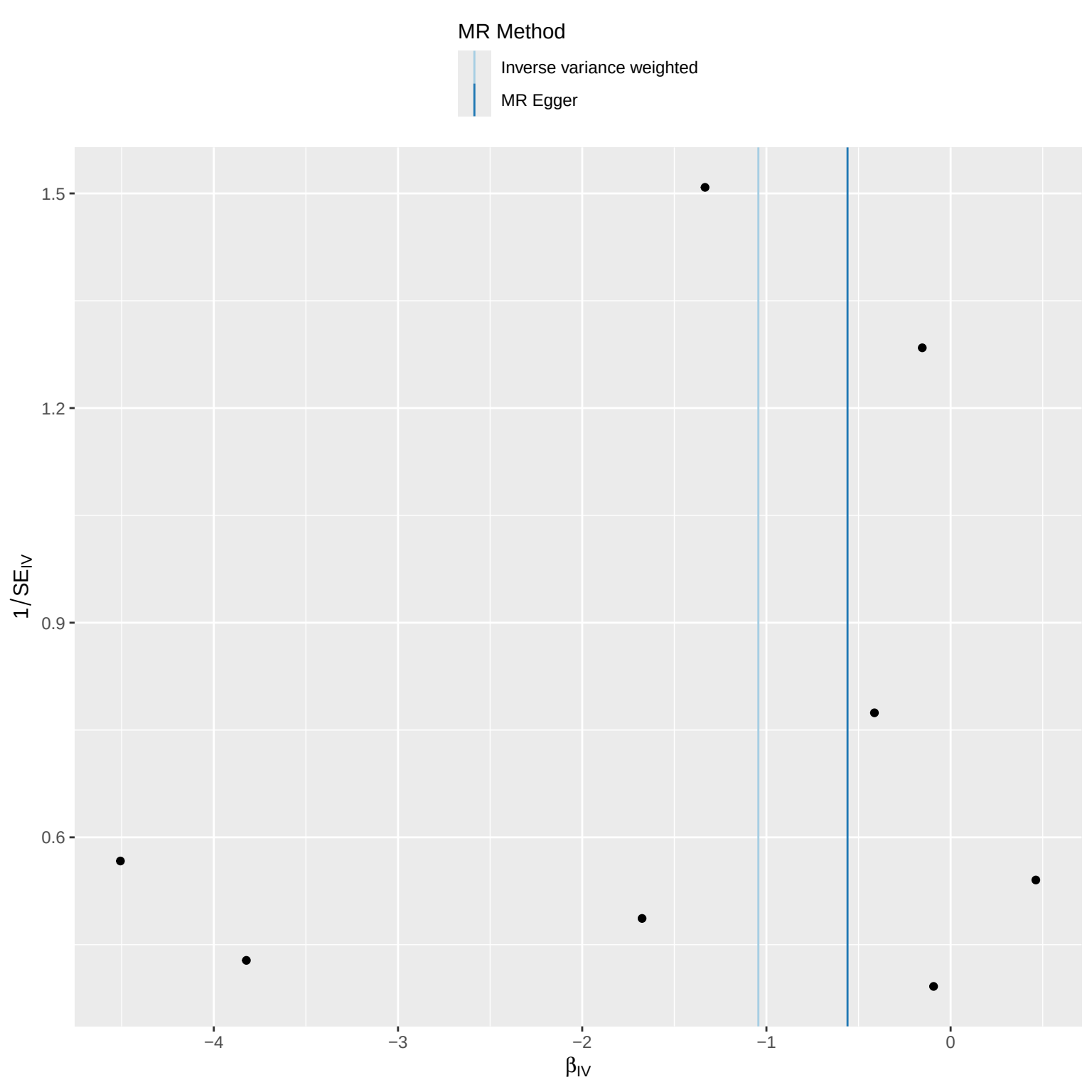

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
1.25
1.50
1.75
2.00
β_IV

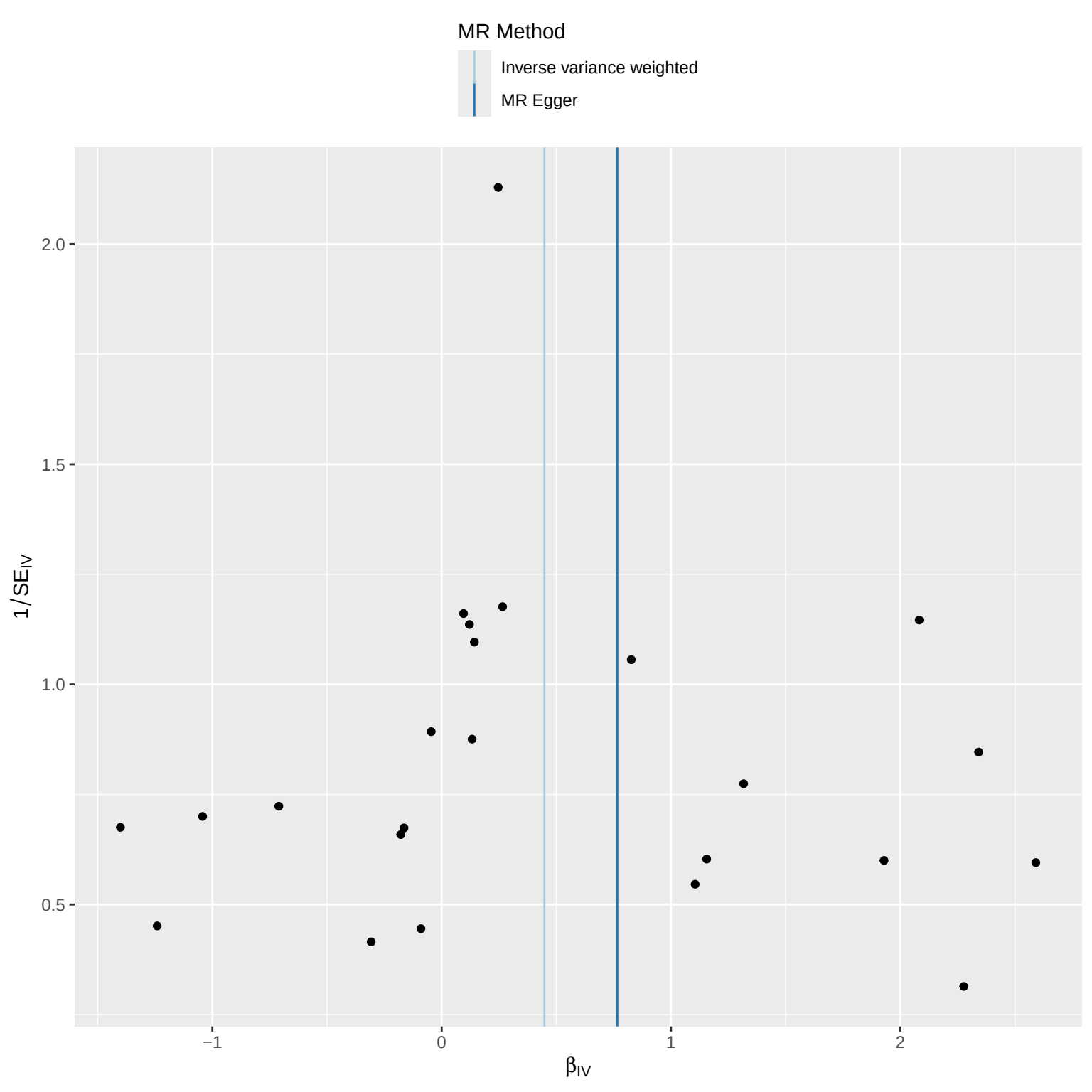

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

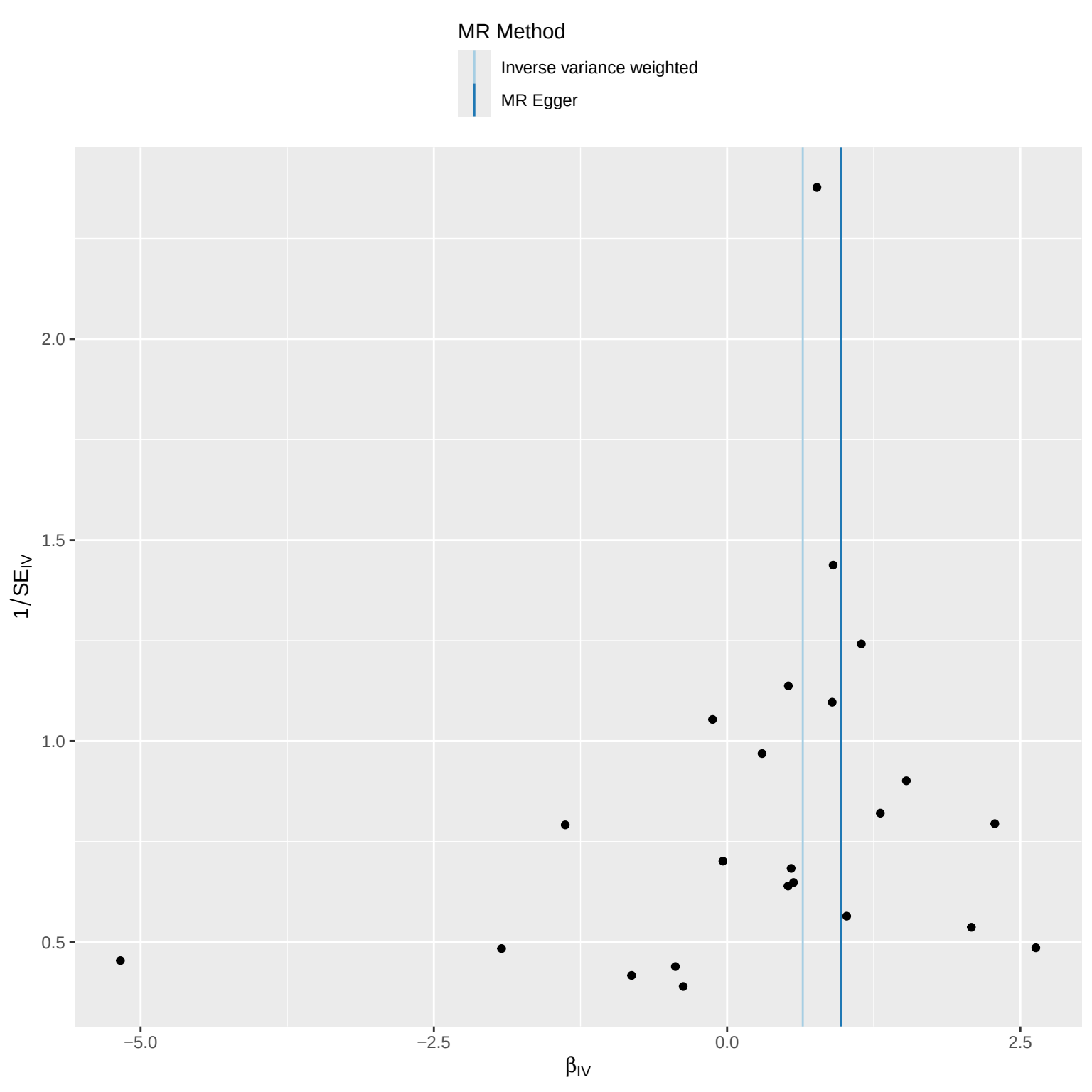

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−4
−3
−2
−1
0
β_IV

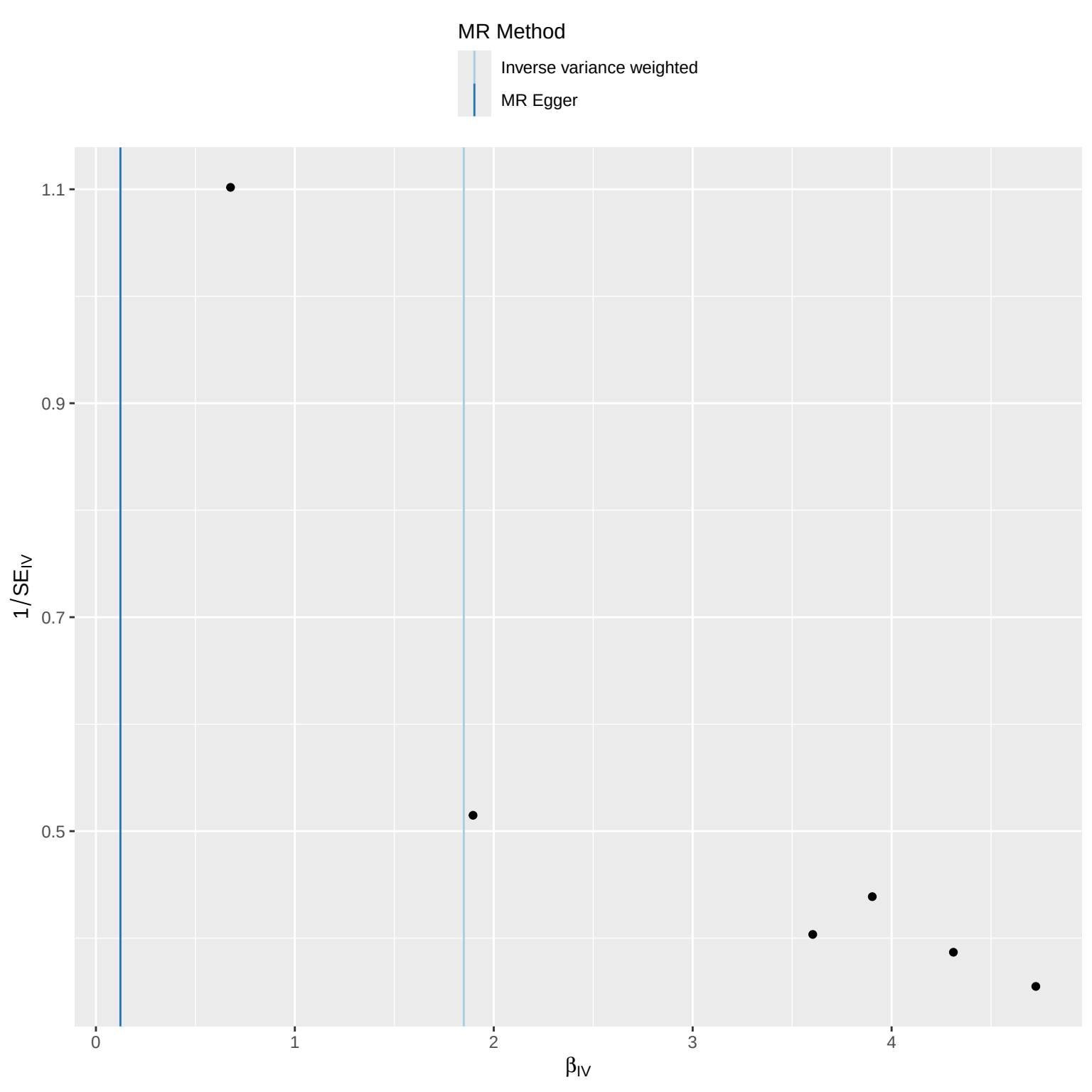

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

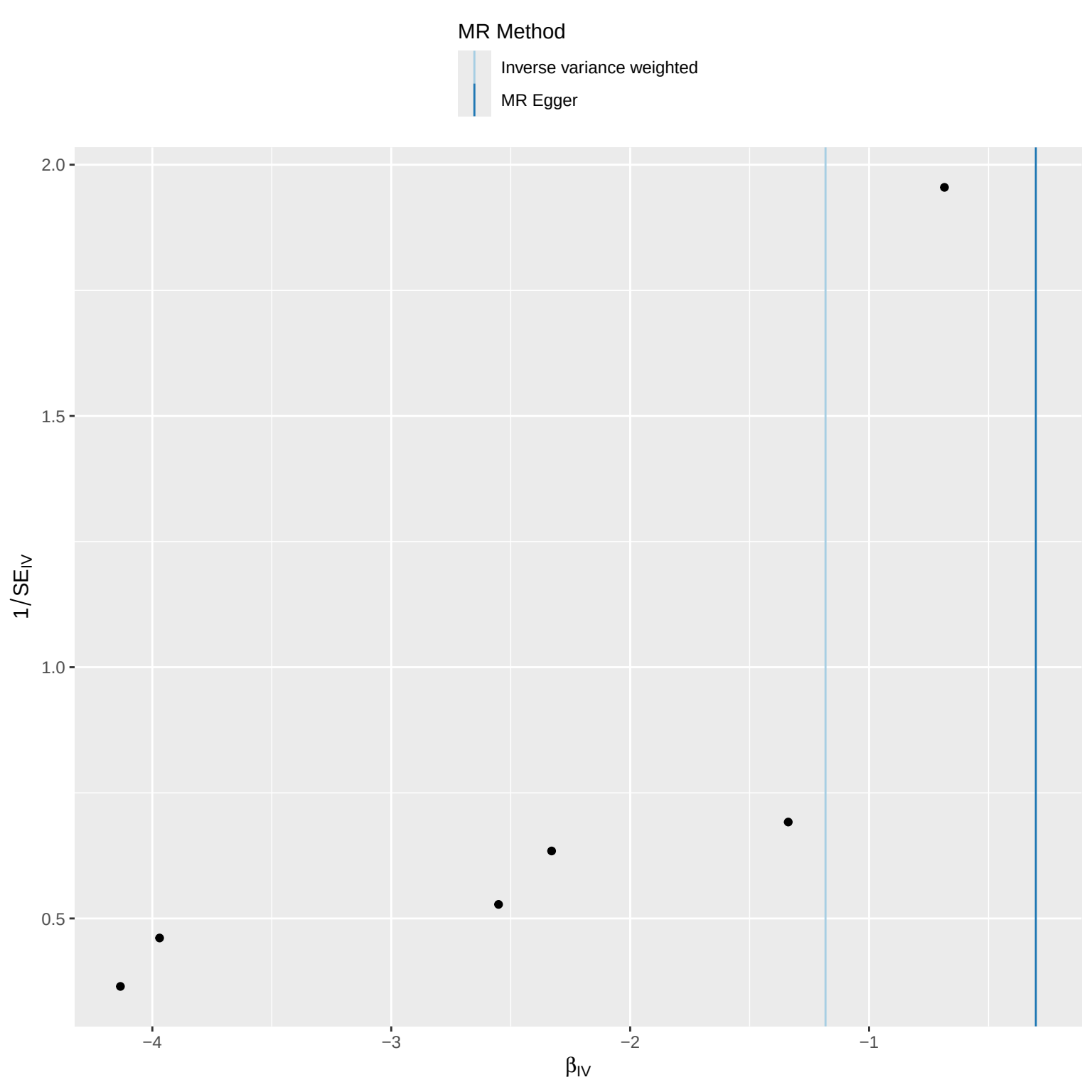

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

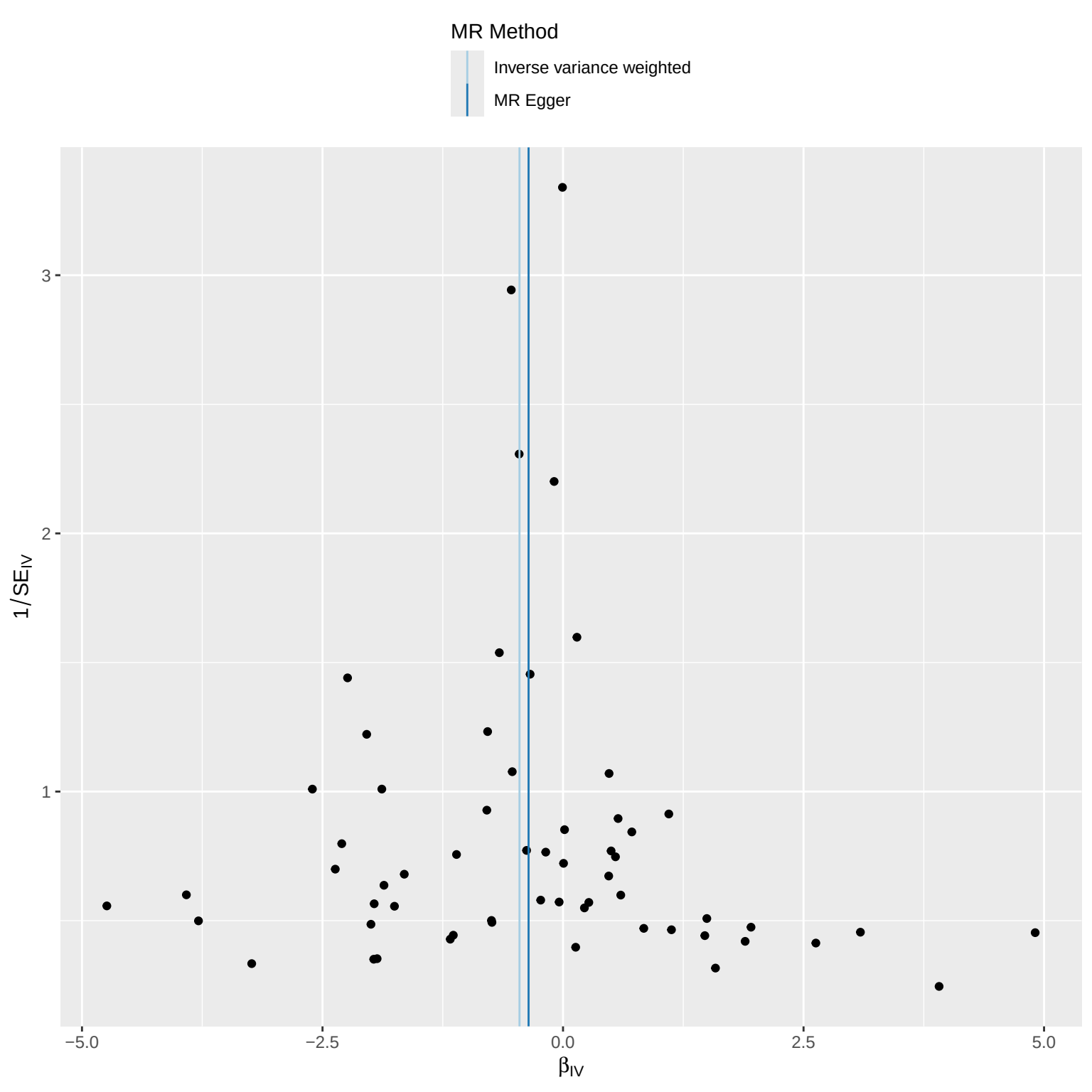

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−4
−3
−2
−1
0
β_IV

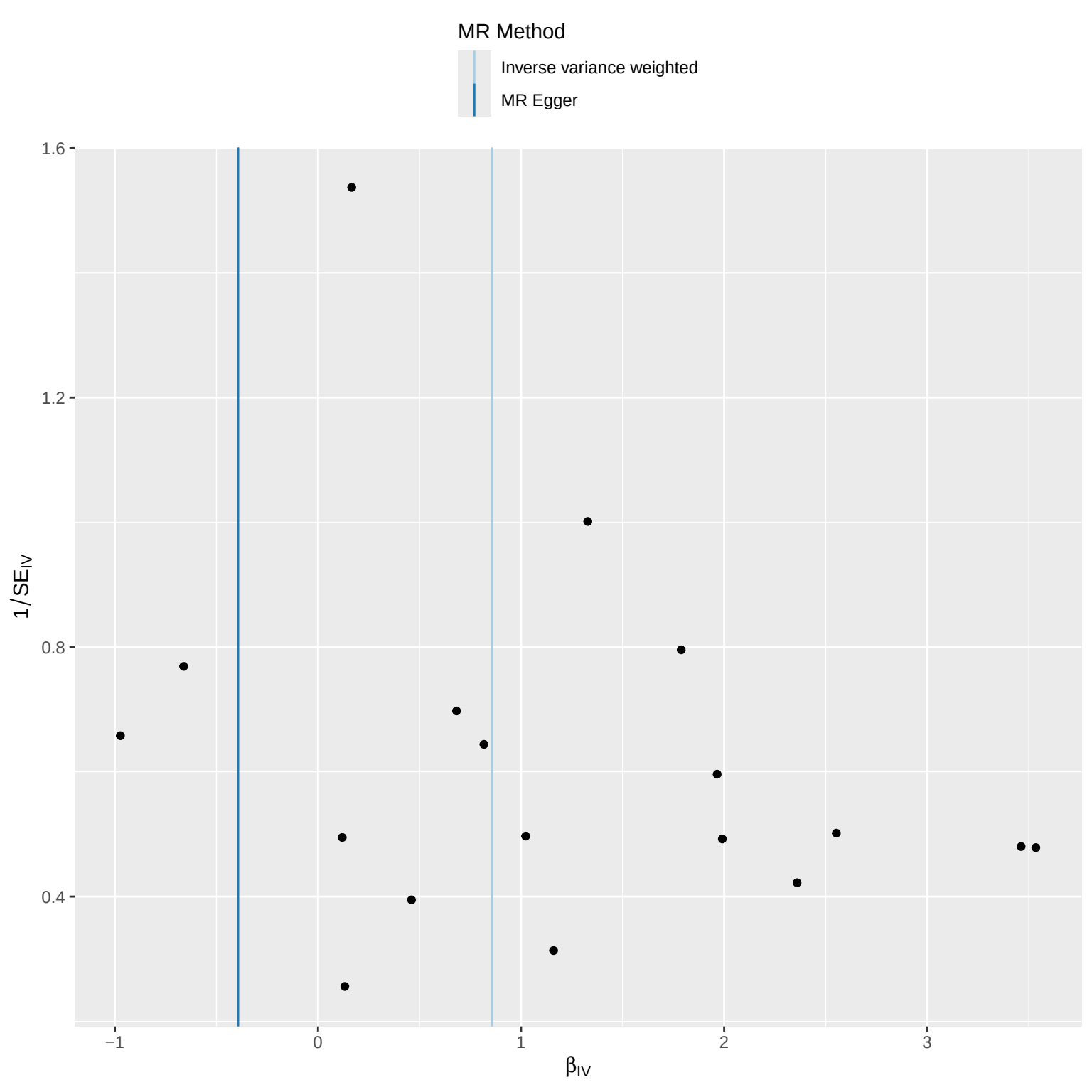

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

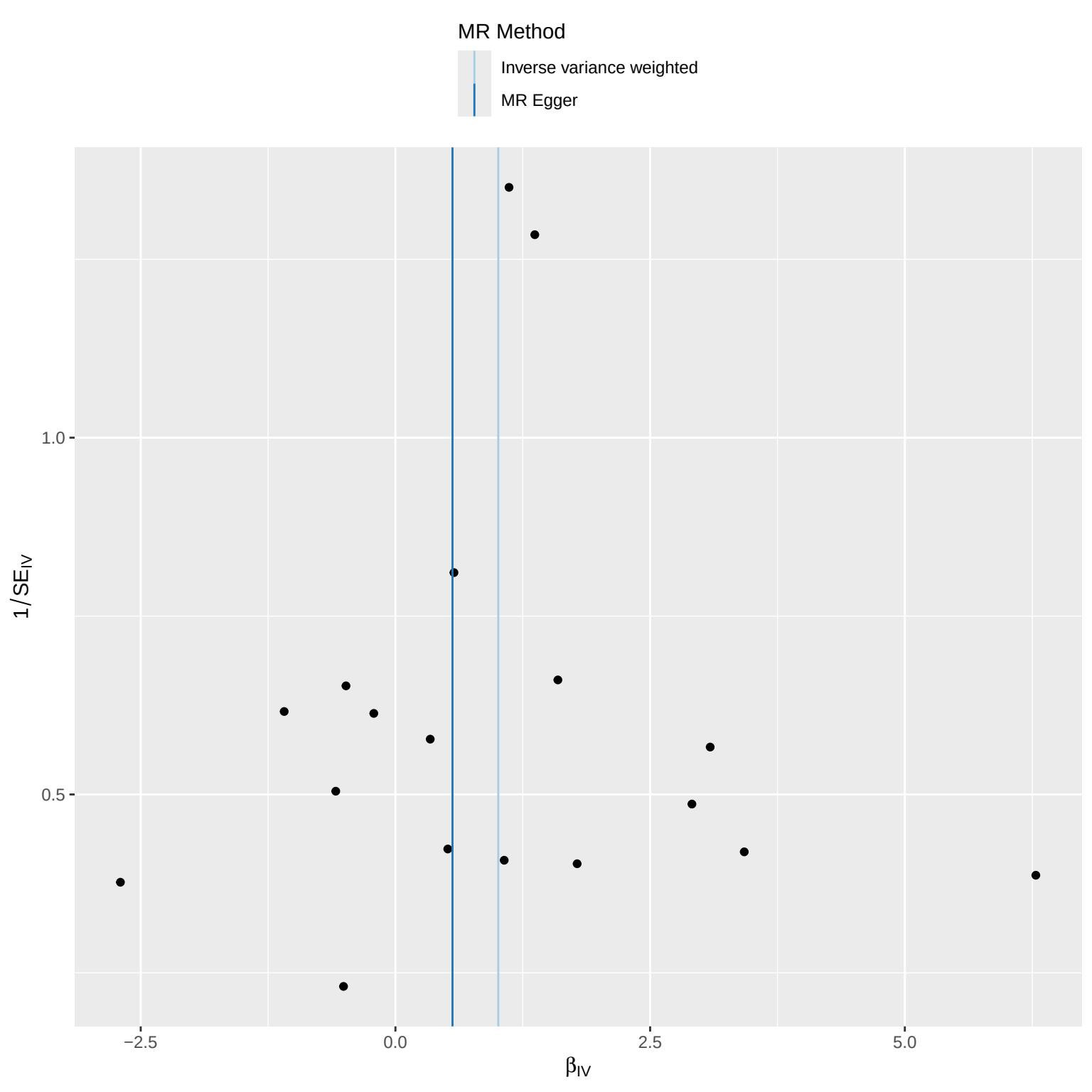

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

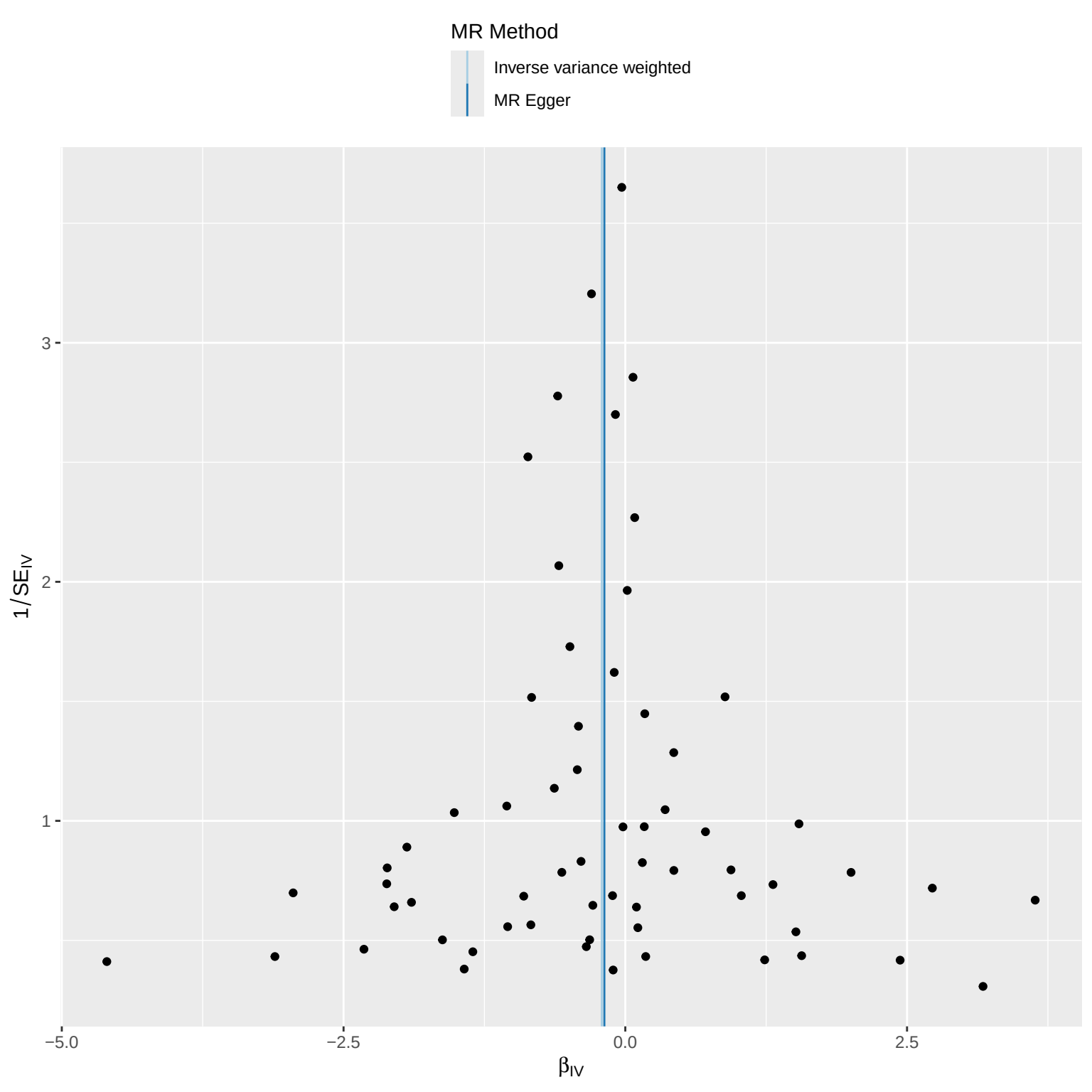

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
1/SE_IV
0
1
2
3
4
β_IV

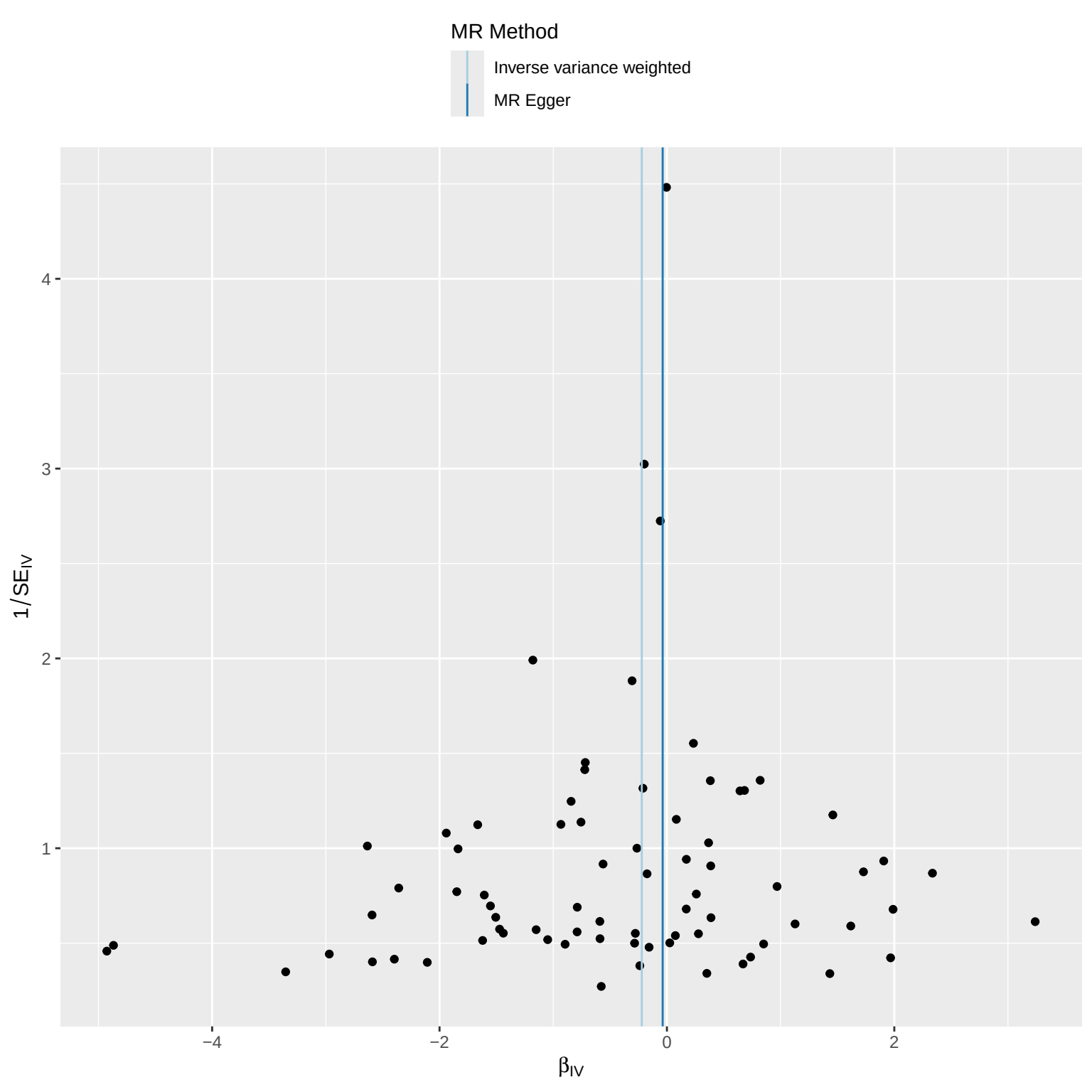

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
β_IV

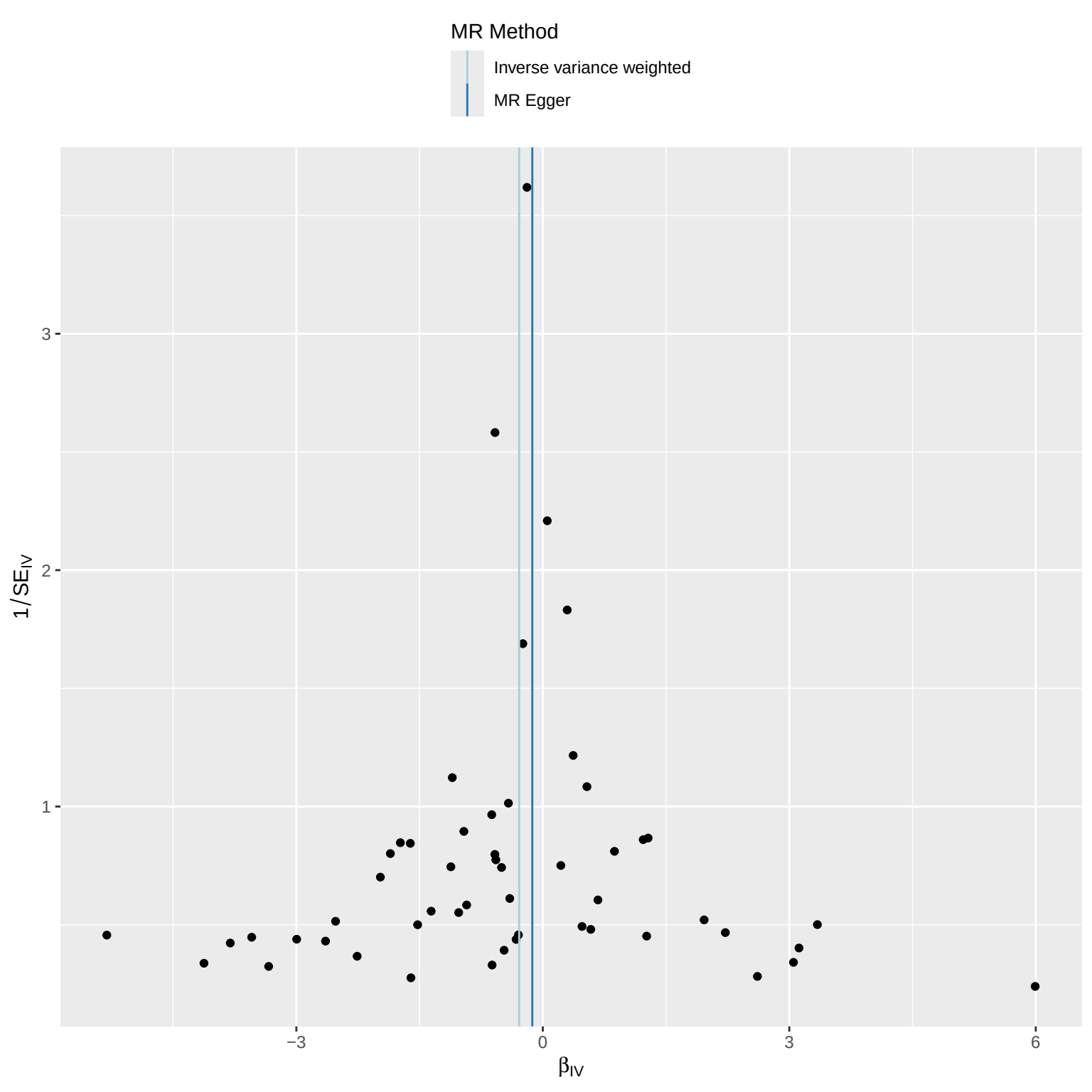

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

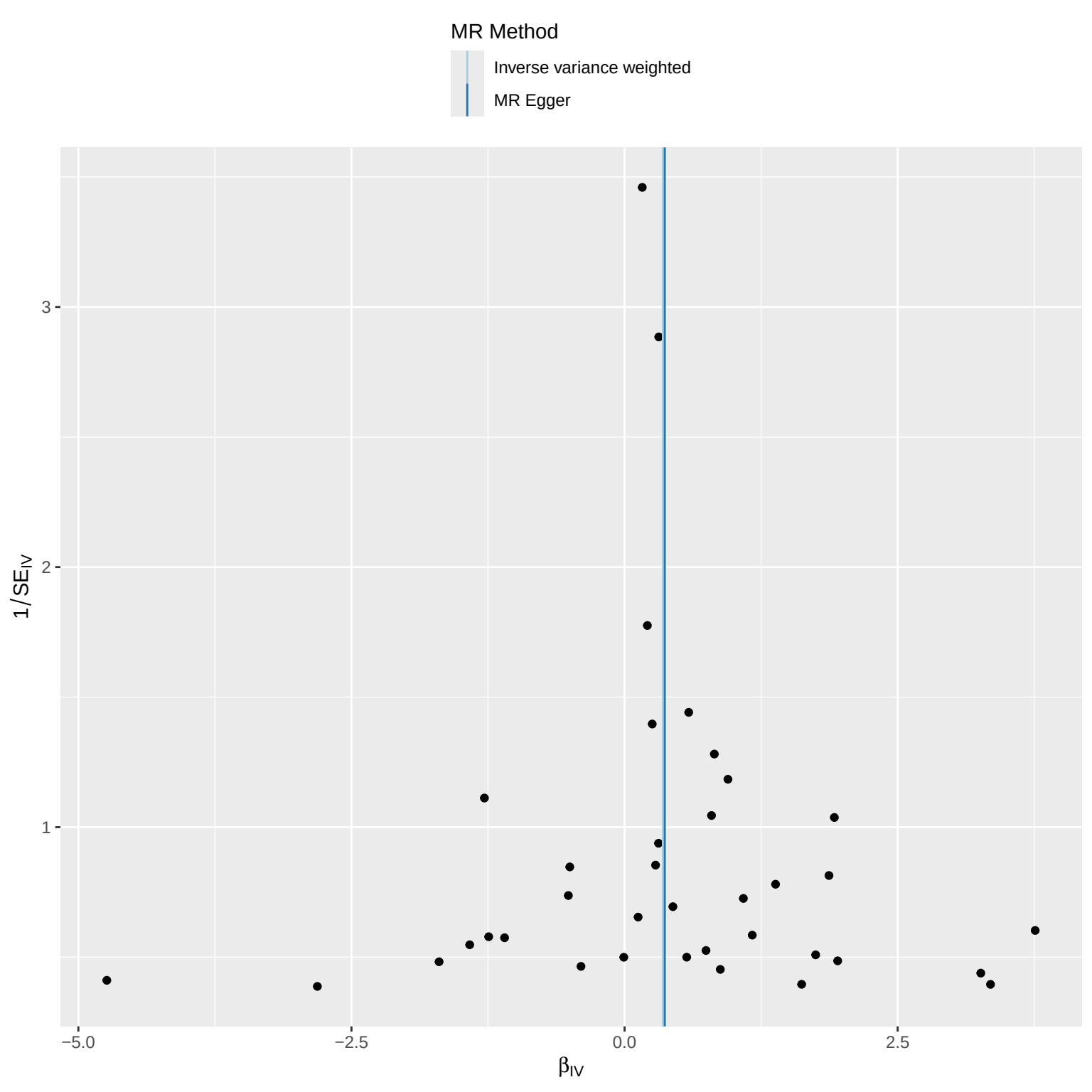

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
β_IV

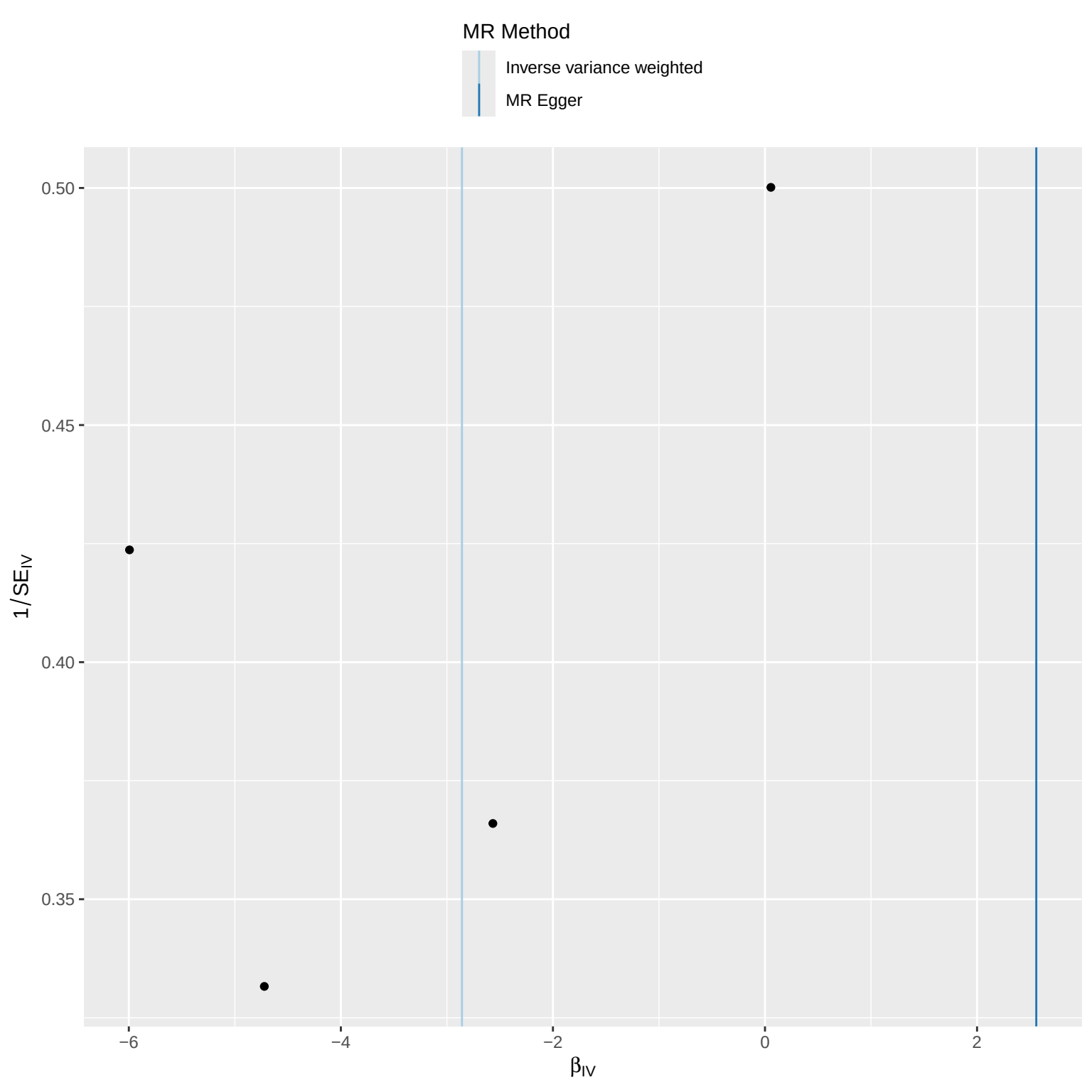

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

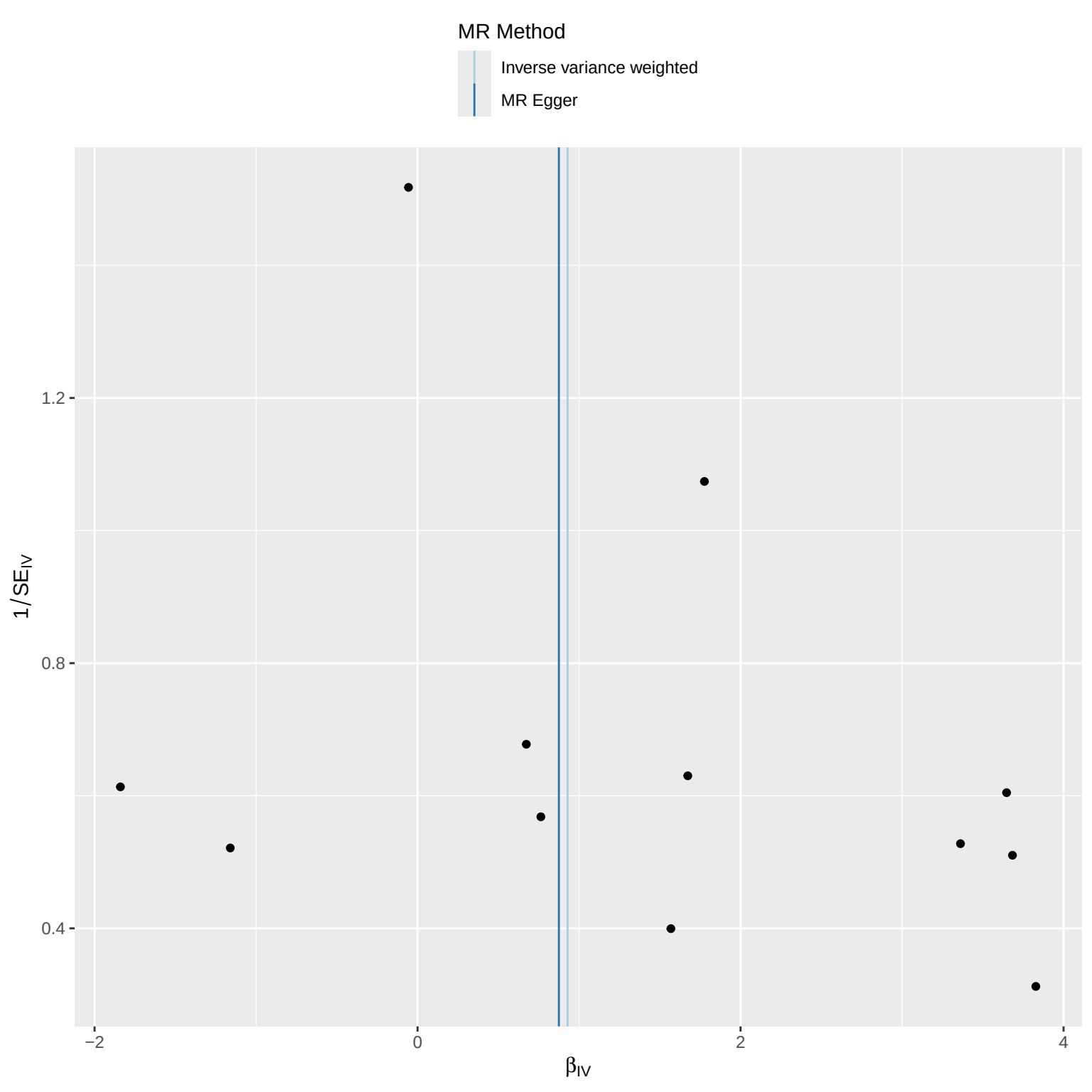

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

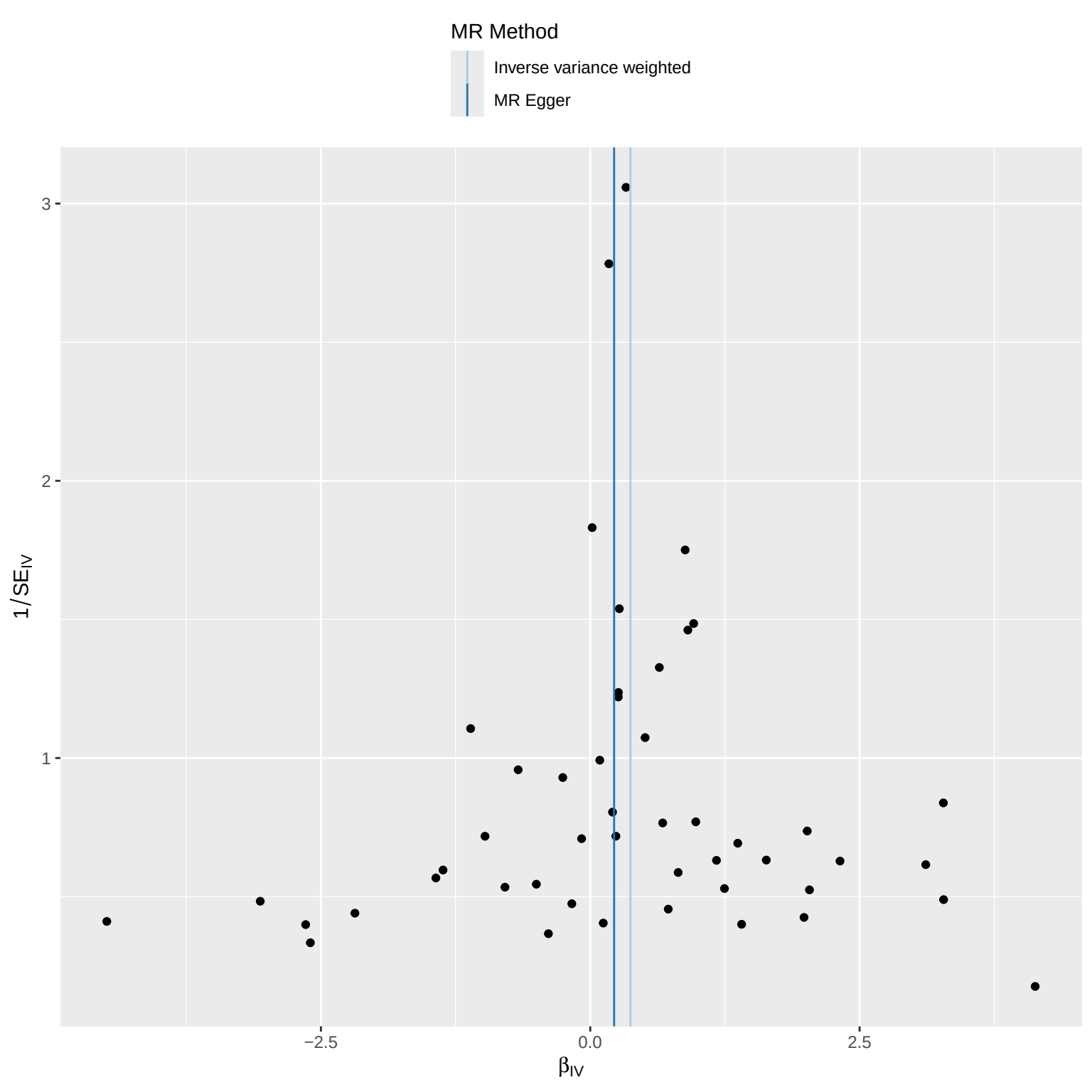

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

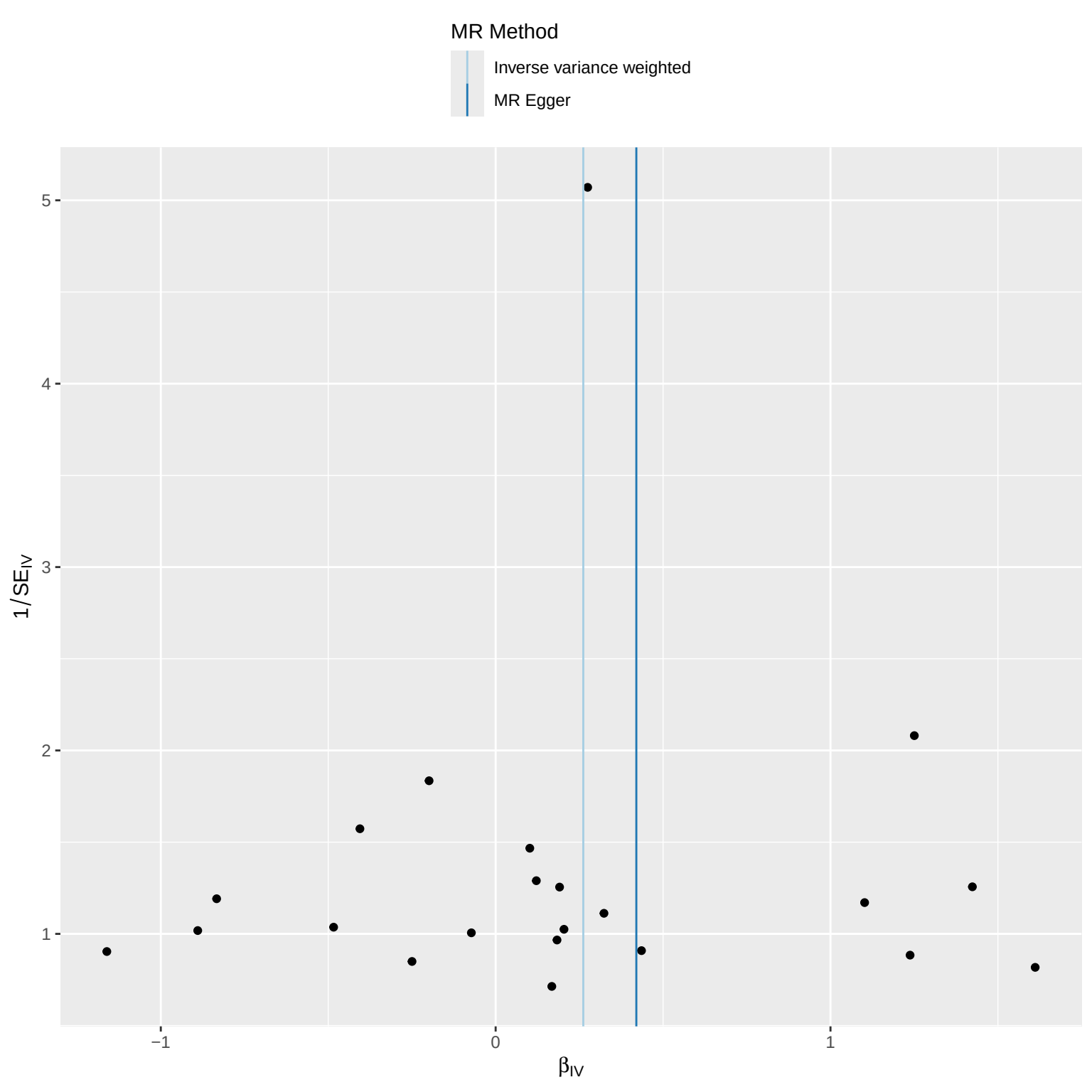

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
0
3
6
β_IV

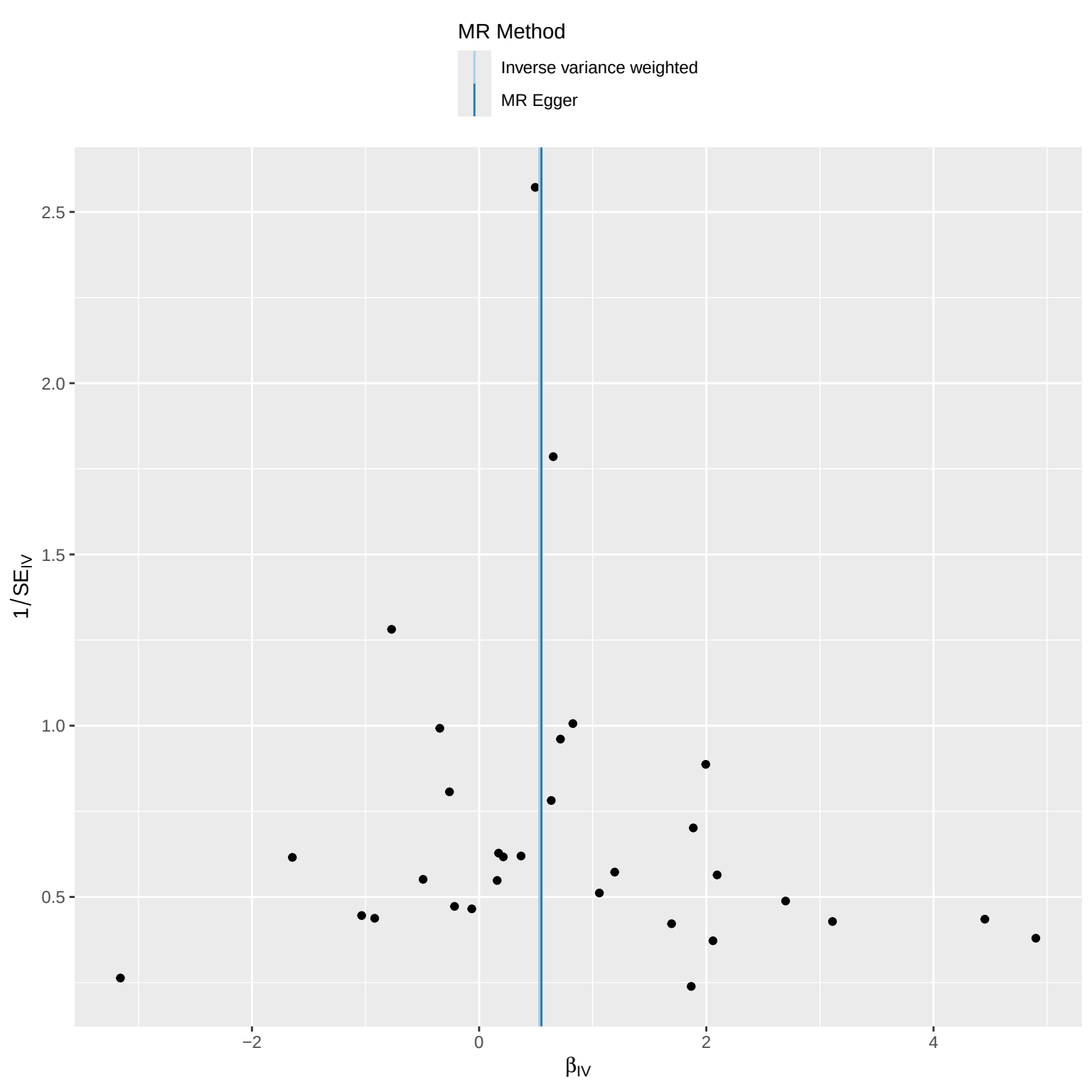

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

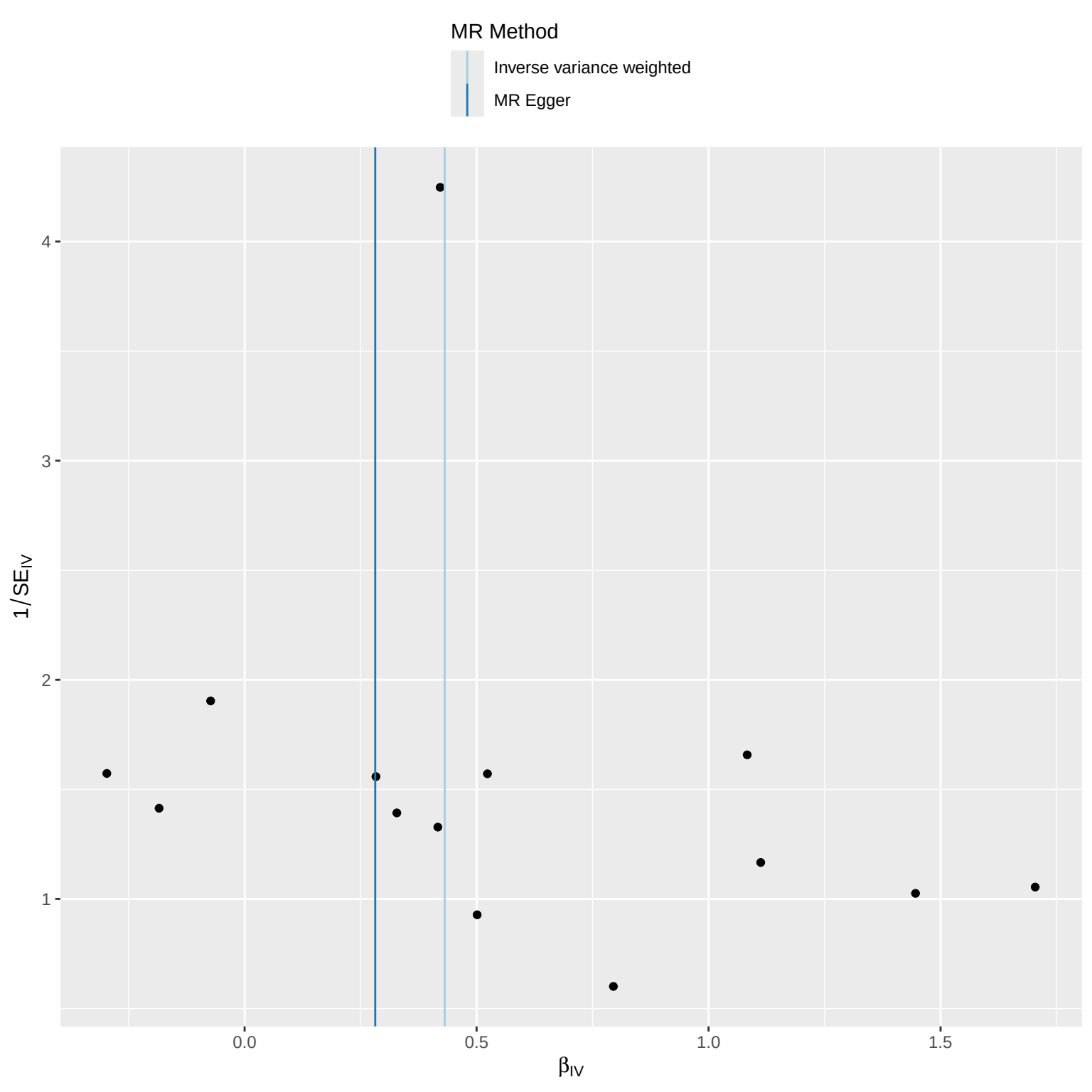

MR Method
Inverse variance weighted
MR Egger
0.50
0.45
0.40
0.35
1/SE_IV
−6
−4
−2
0
2
β_IV

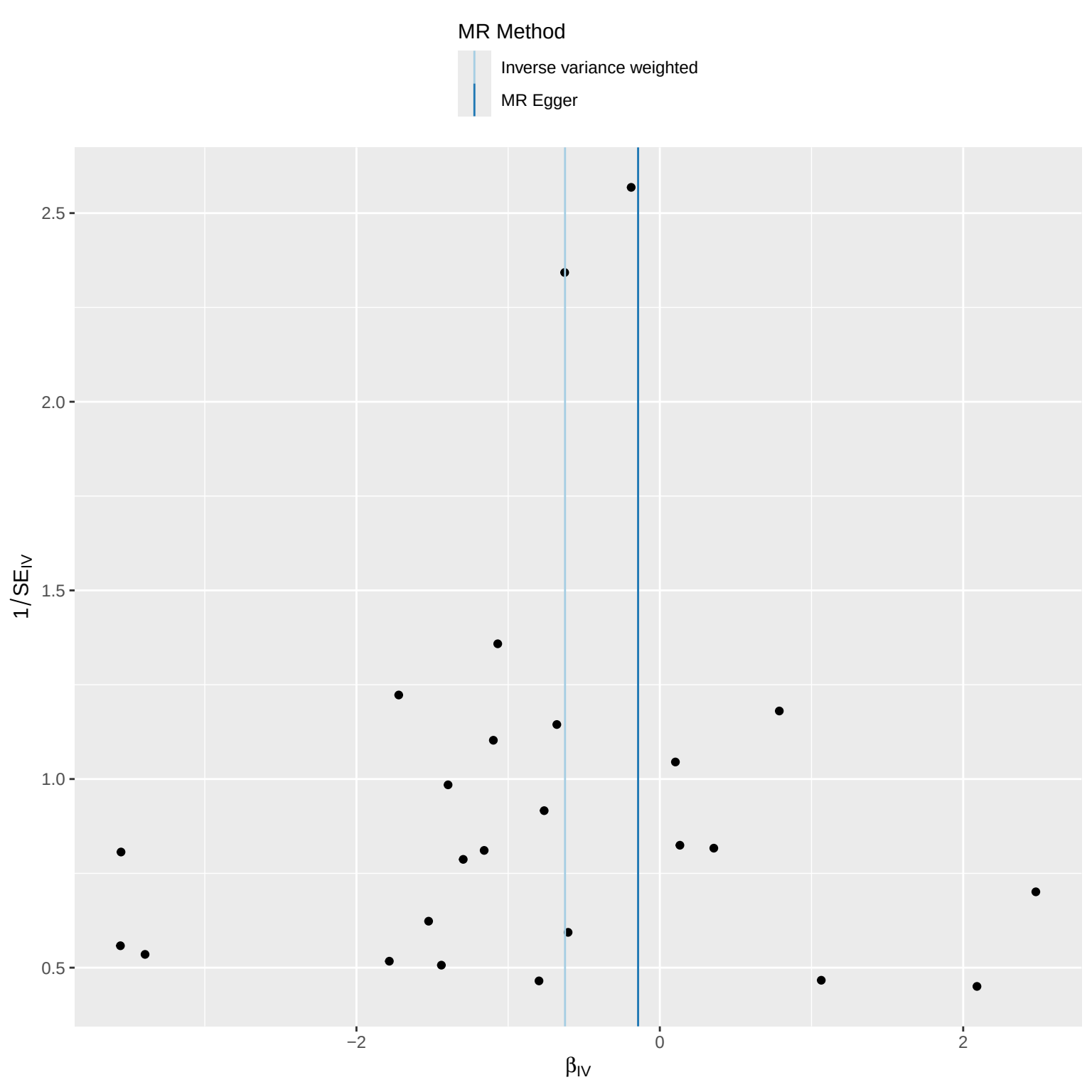

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

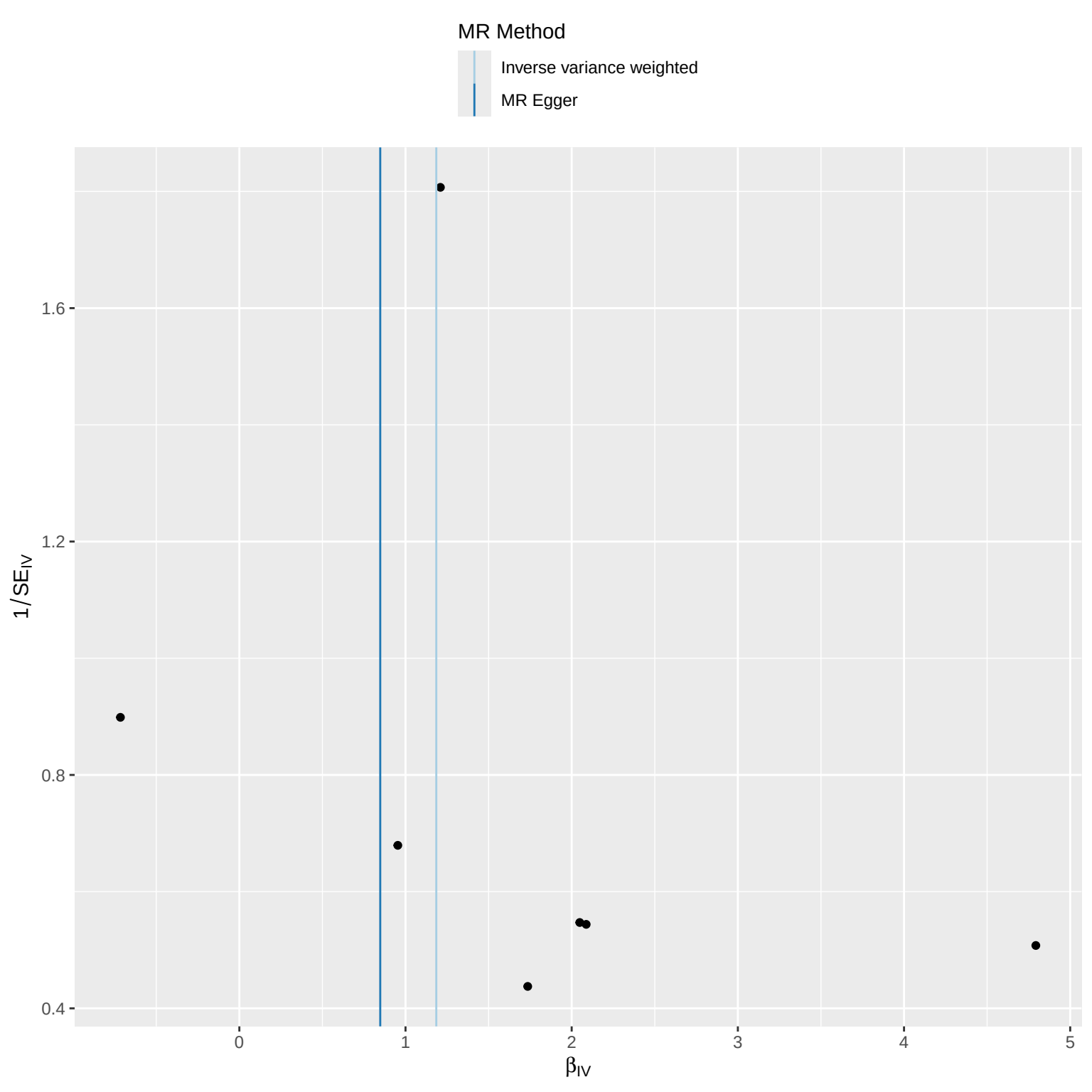

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

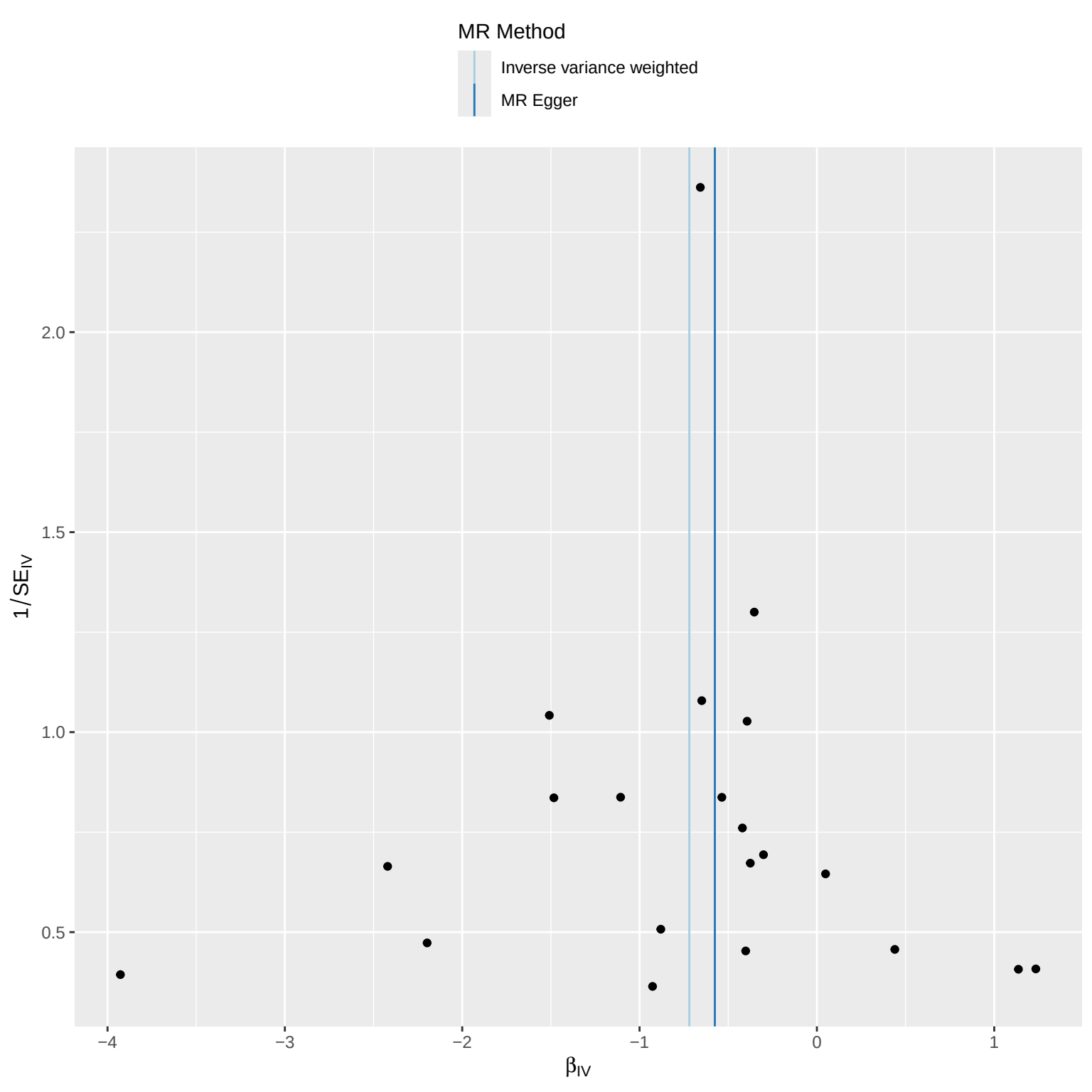

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

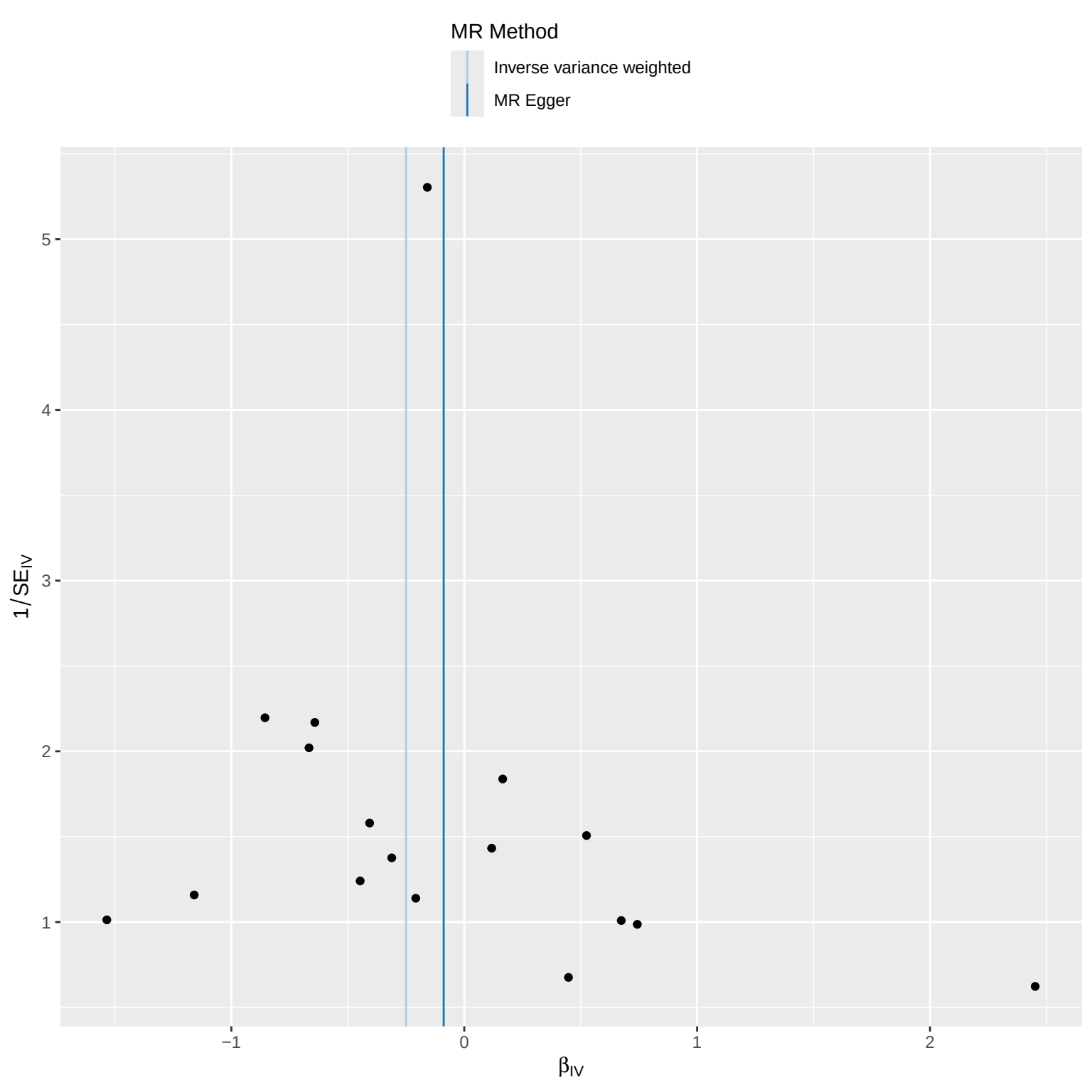

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

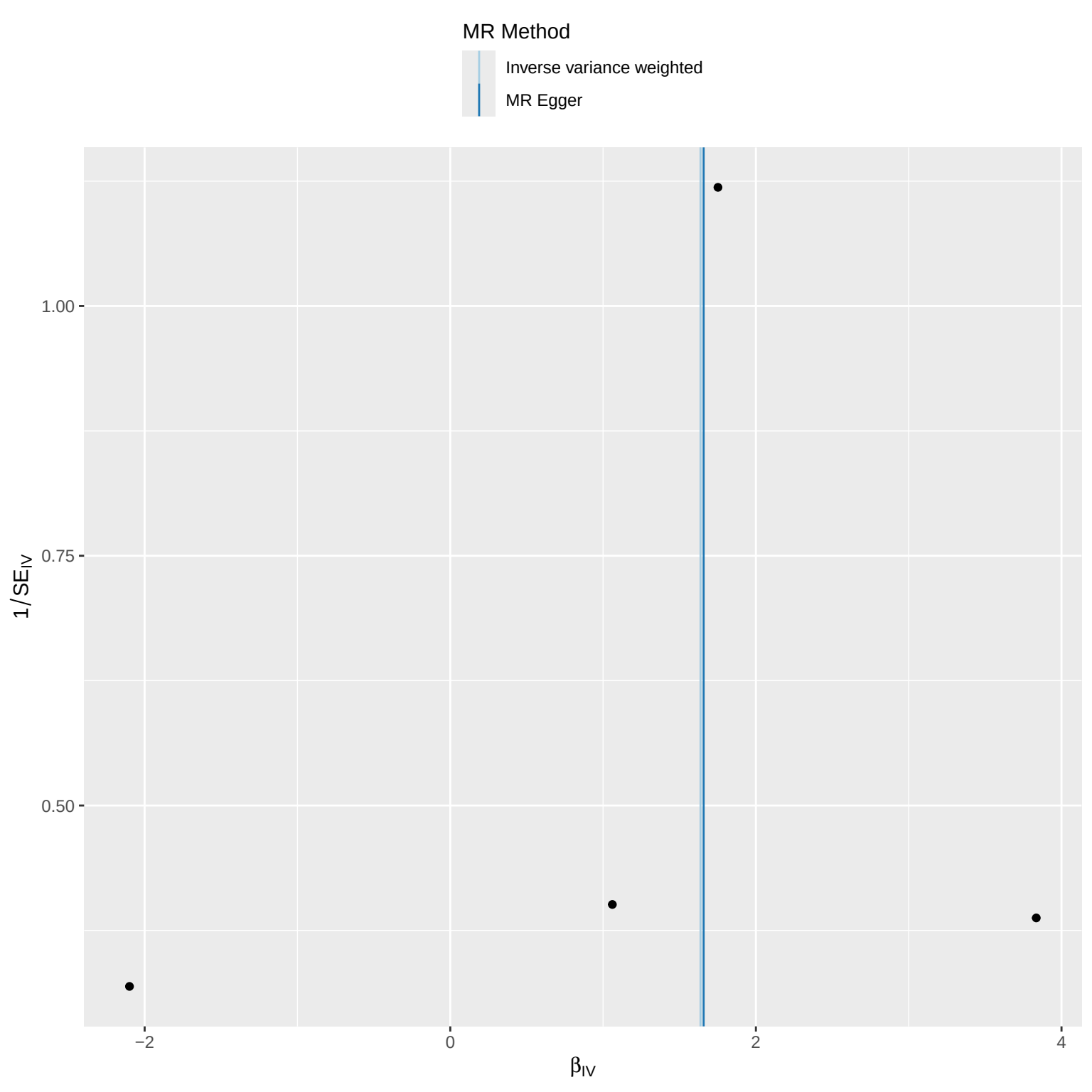

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

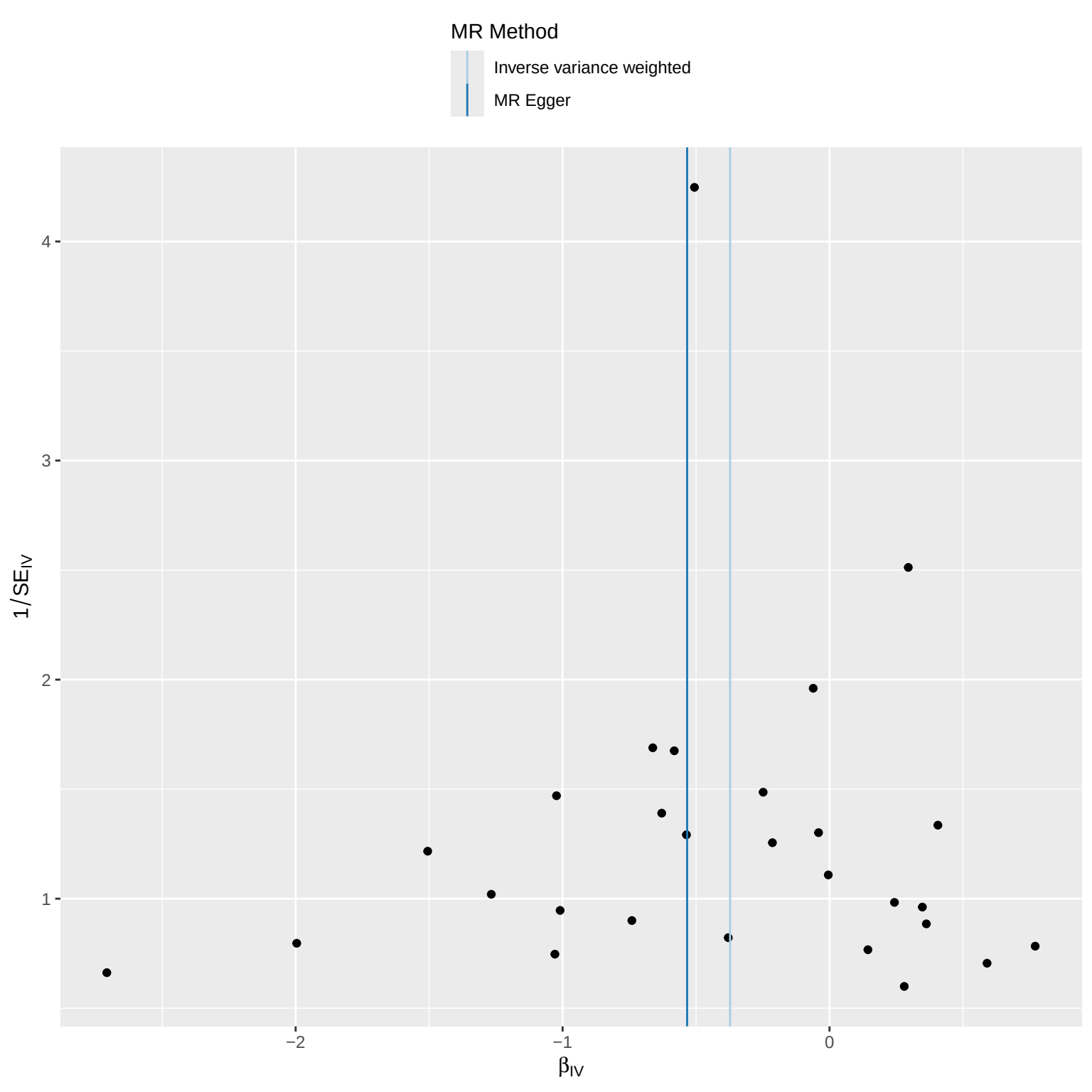

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

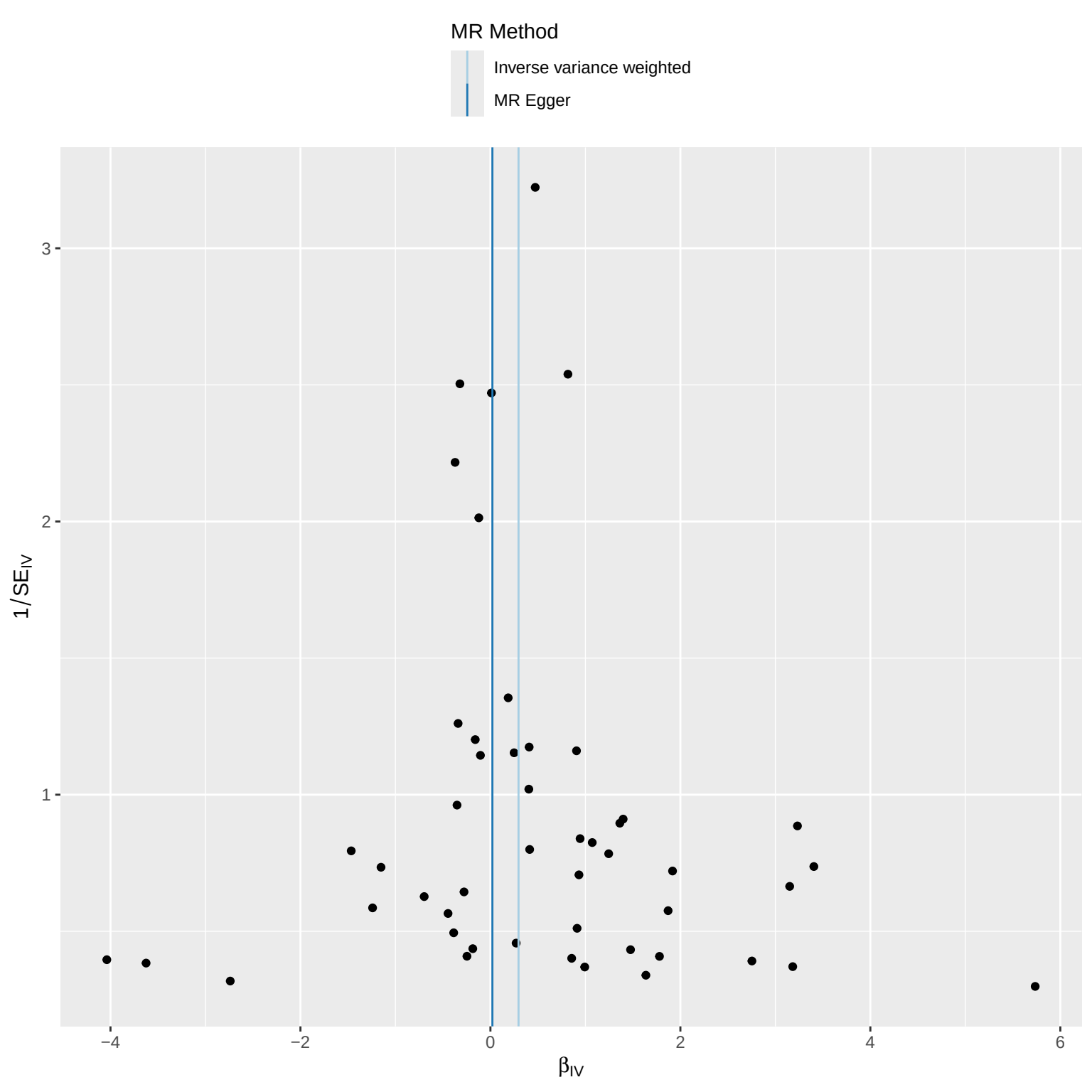

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
1
2
3
4
5
β_IV

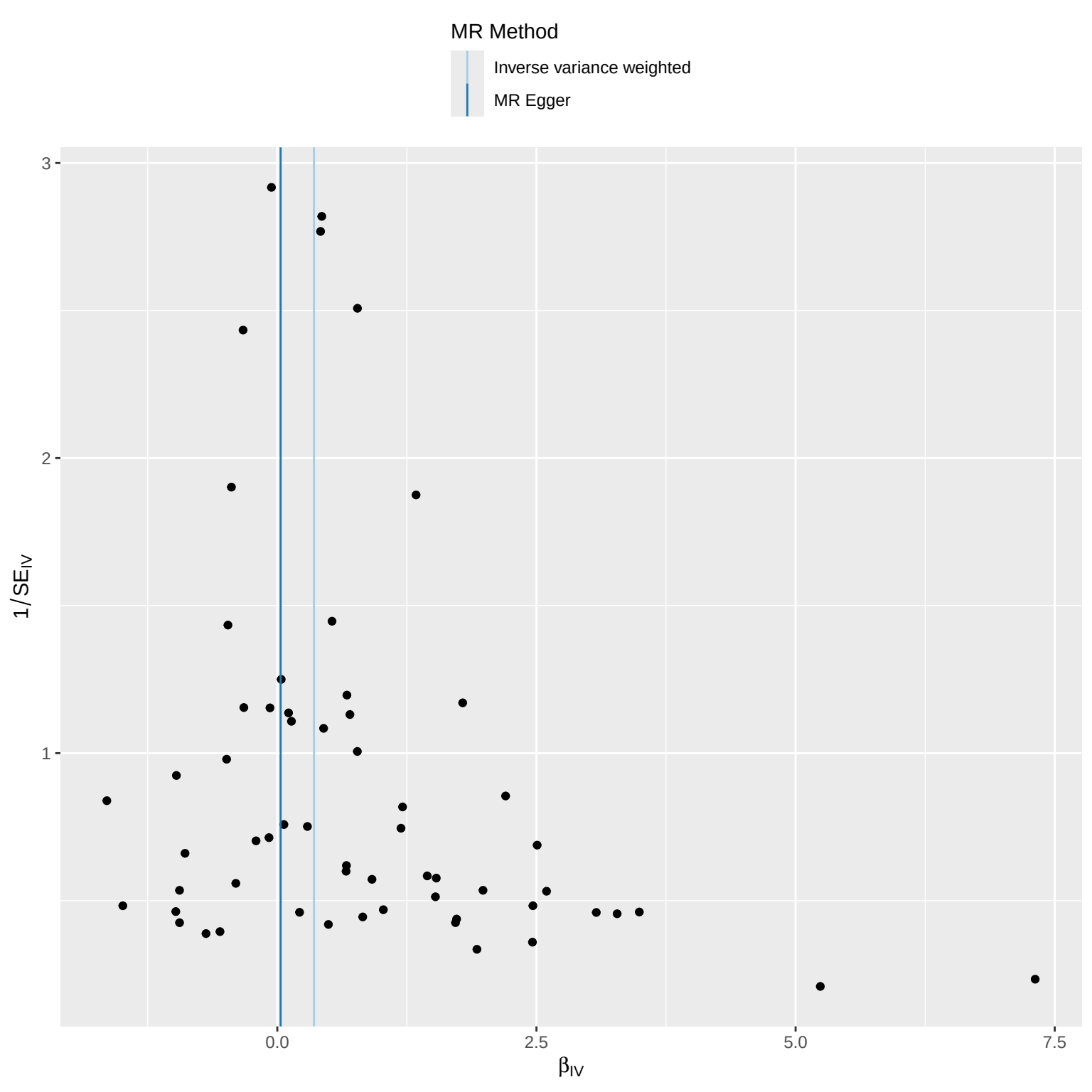

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

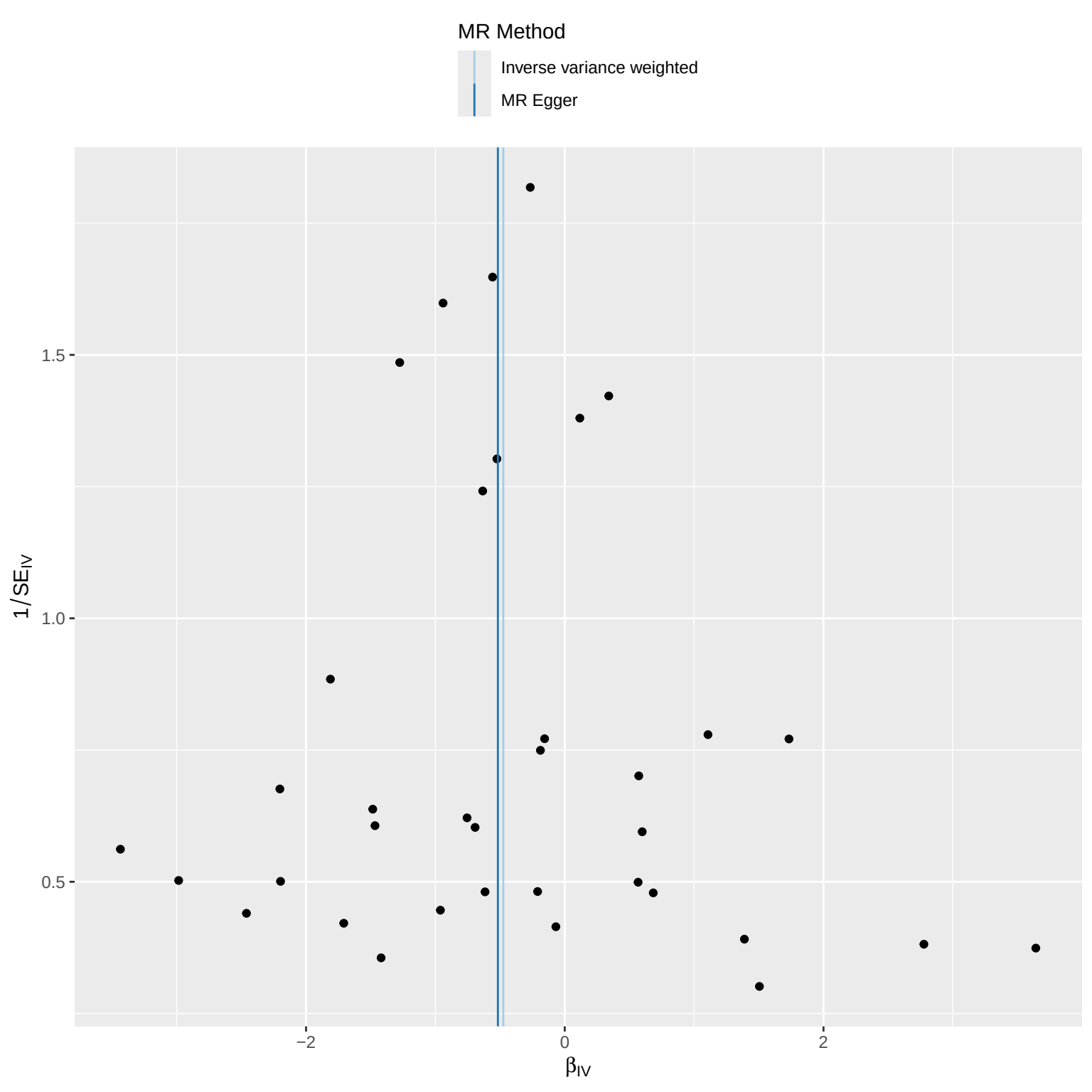

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

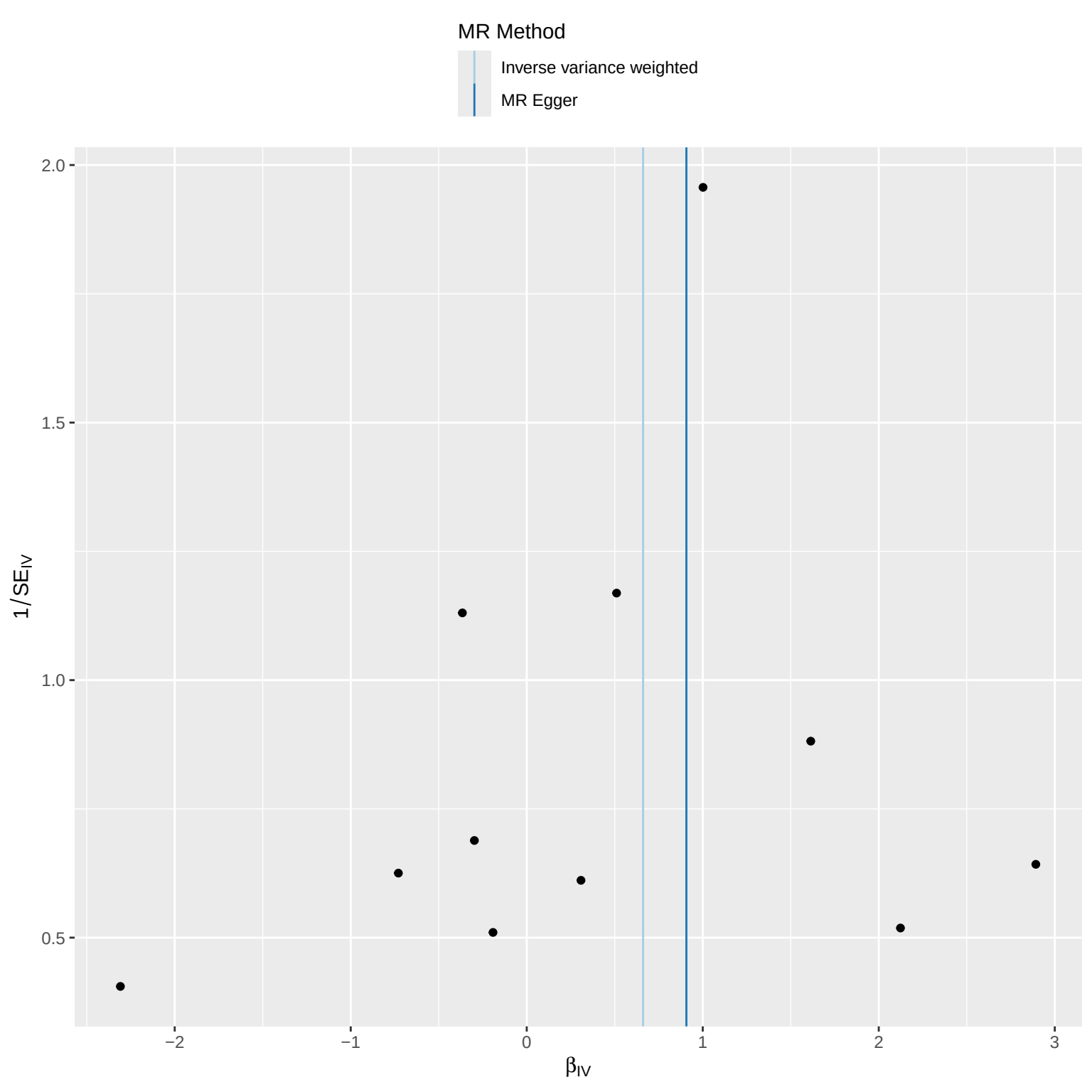

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−2
0
2
4
β_IV

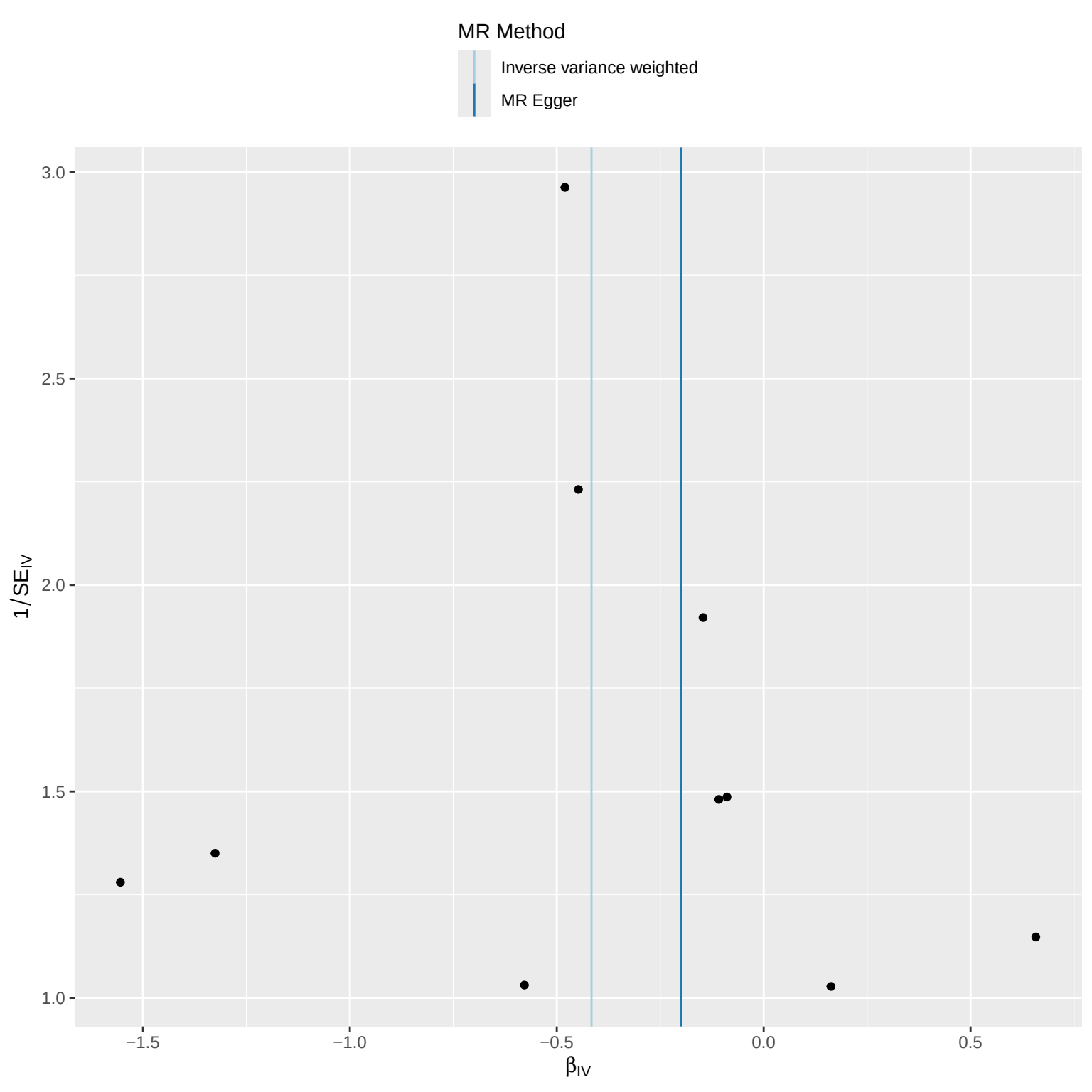

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

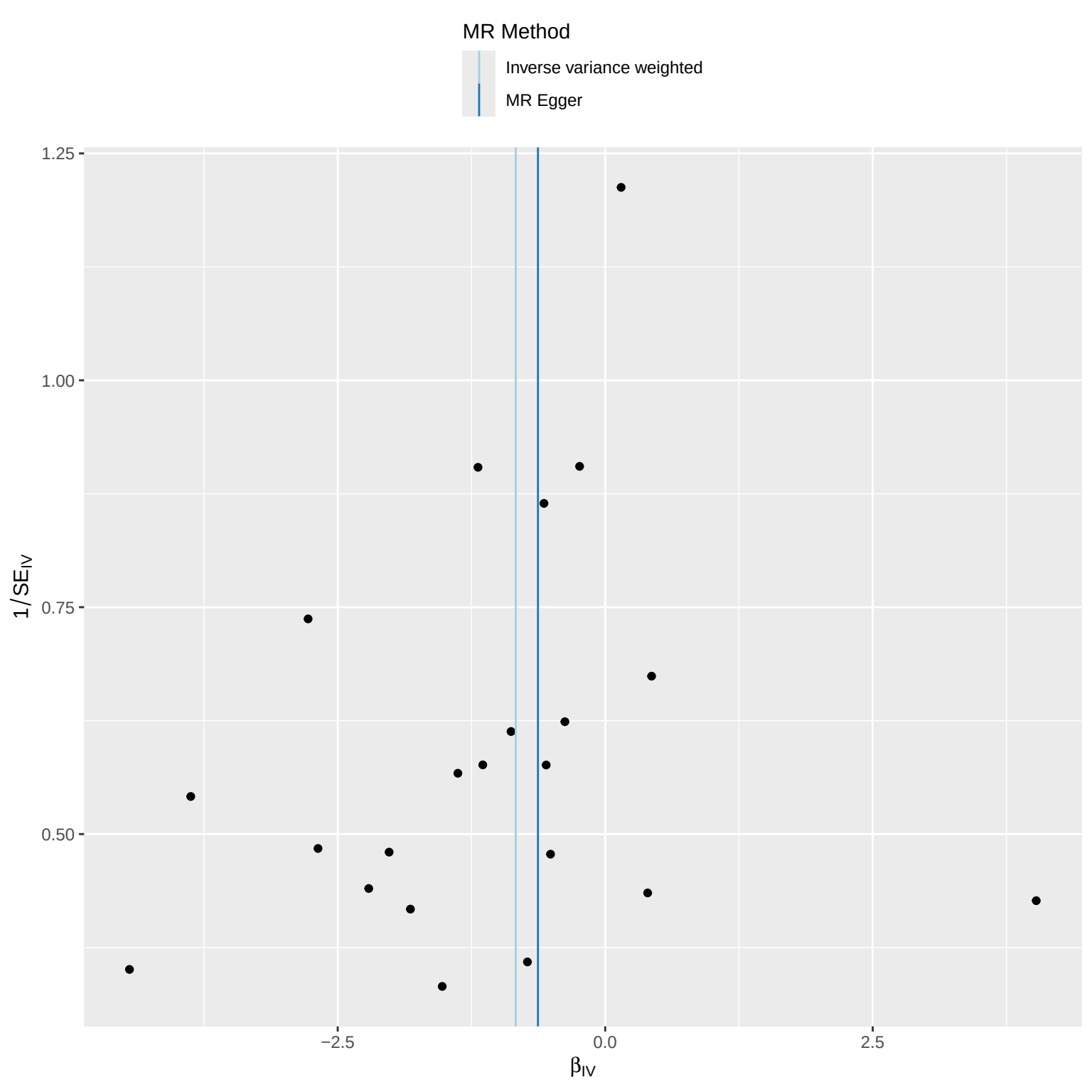

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
6
β_IV

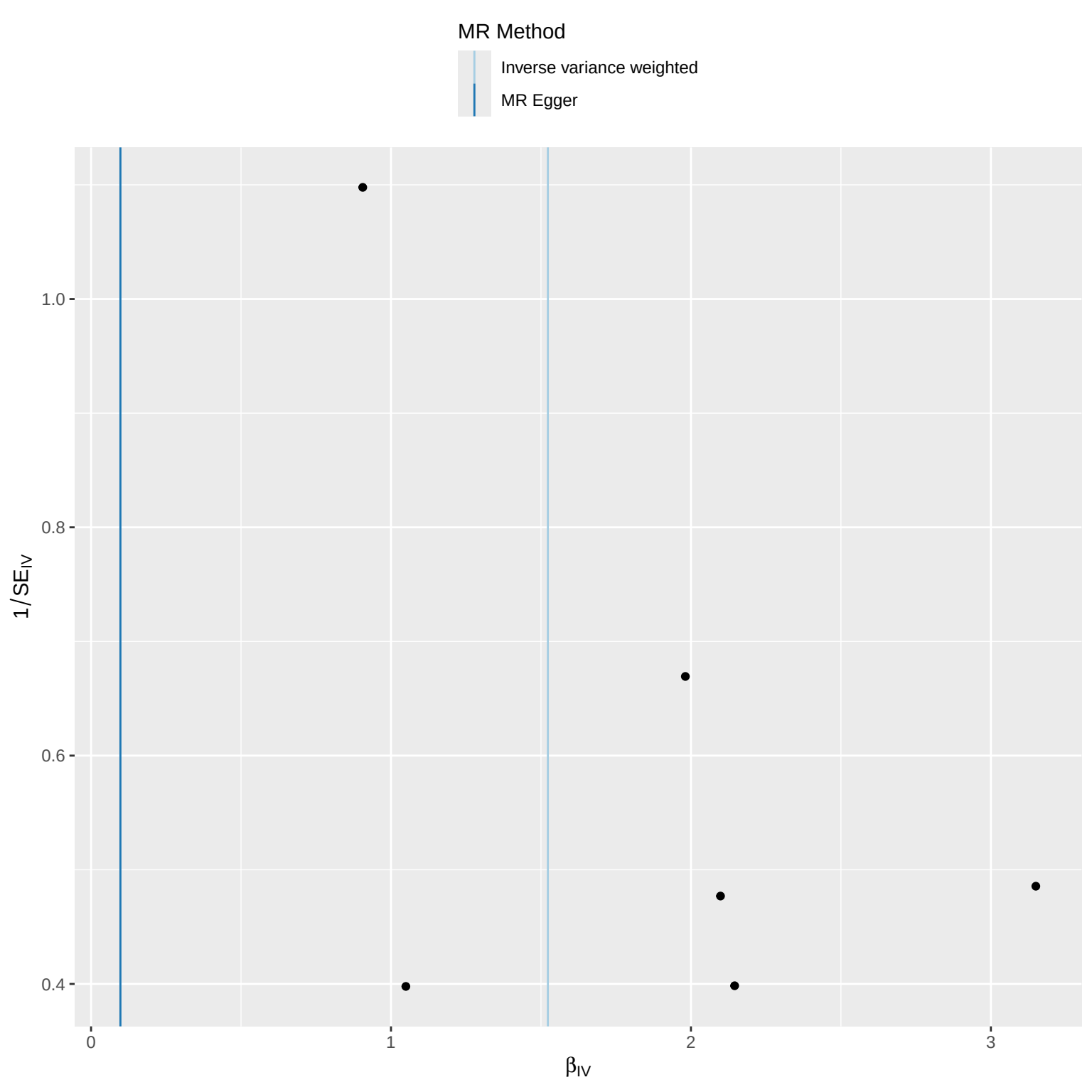

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
2.5
5.0
7.5
β_IV

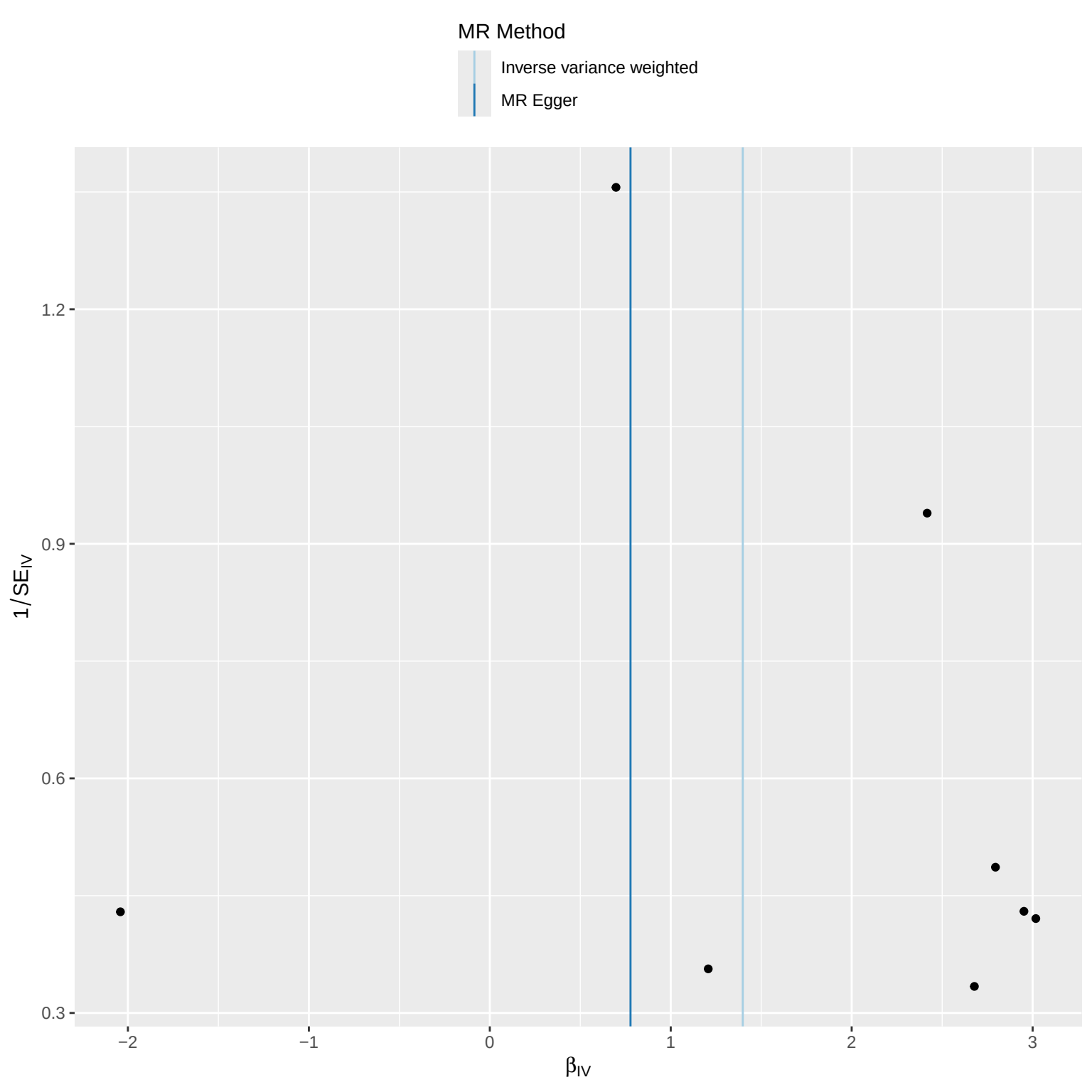

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

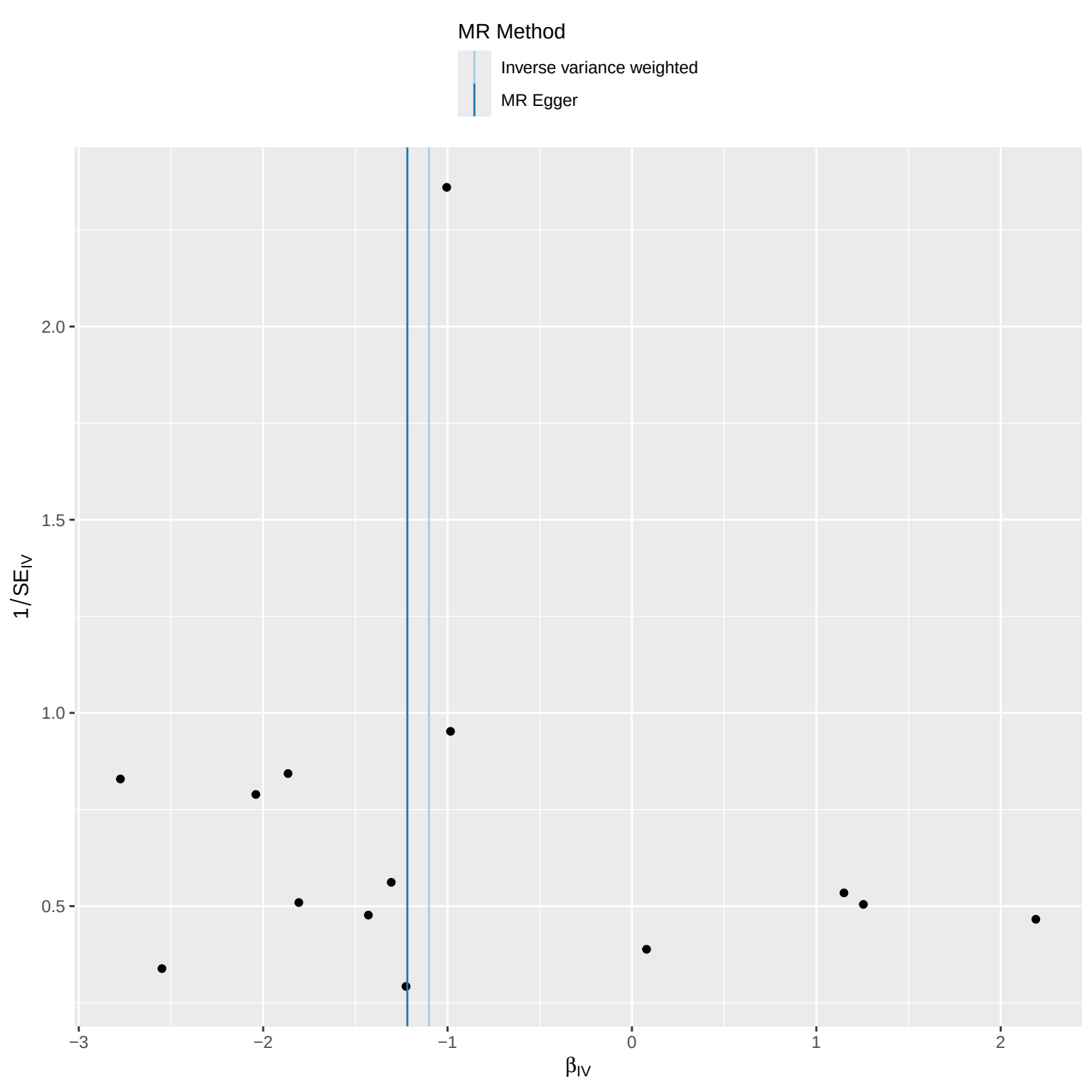

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

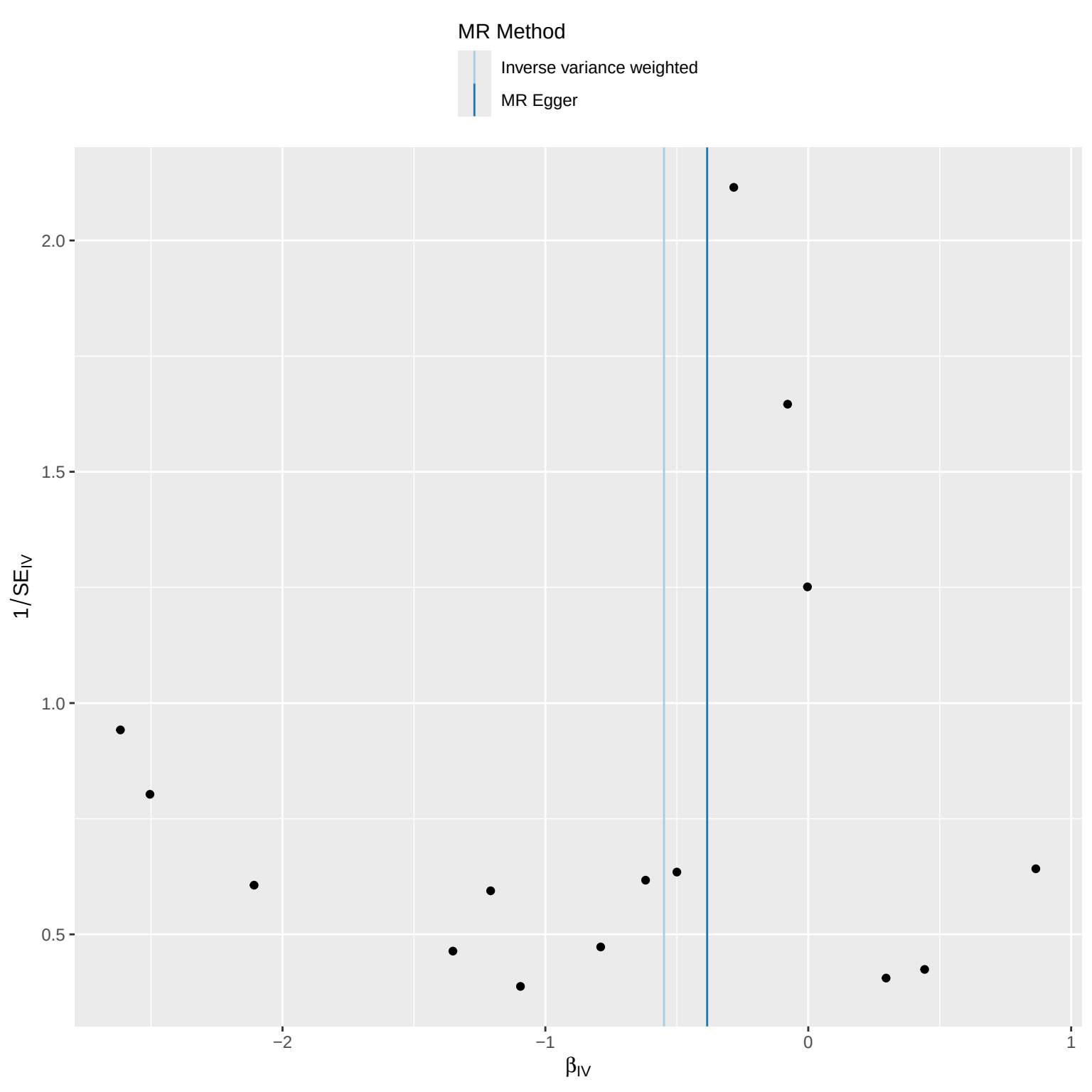

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

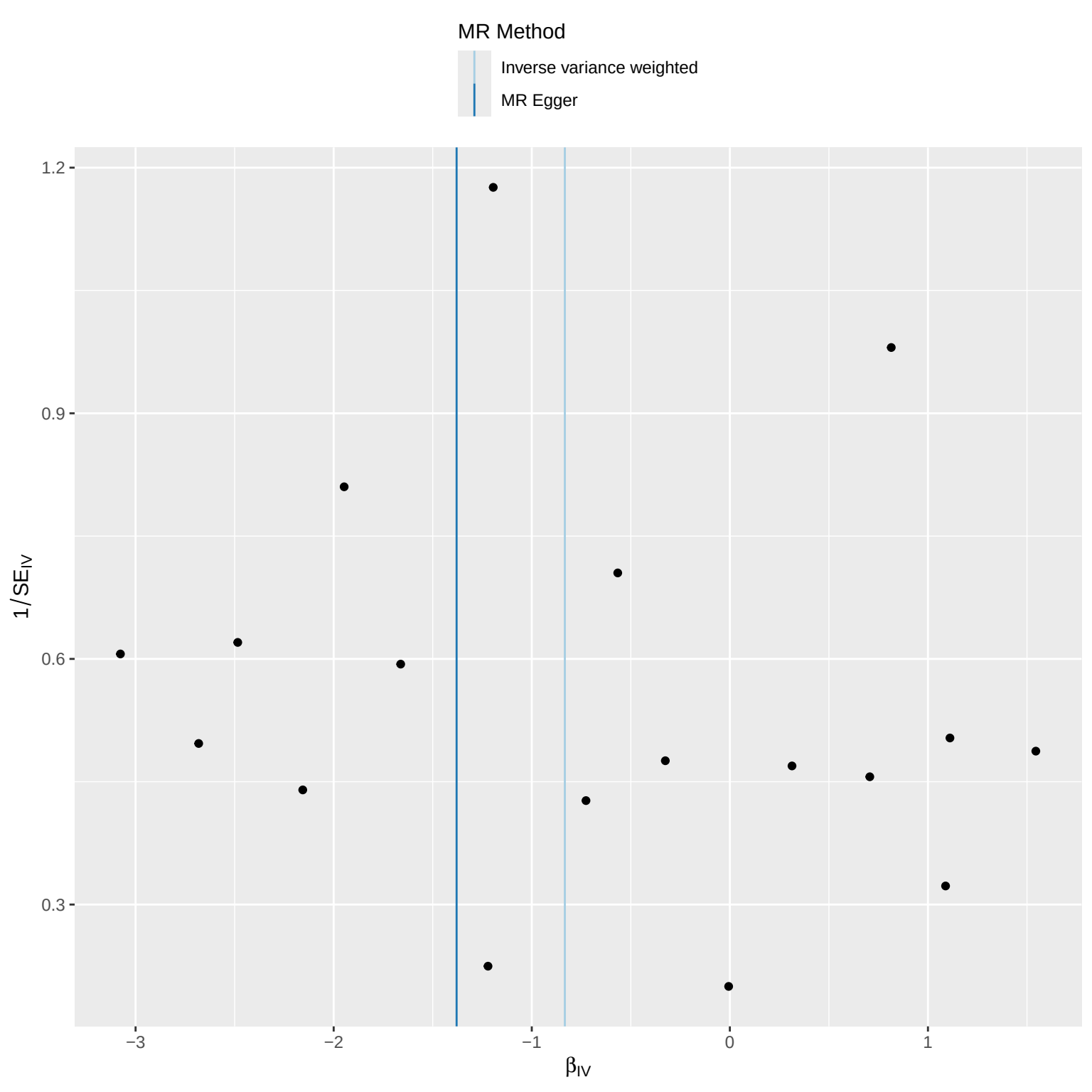

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2.5
0.0
2.5
β_IV

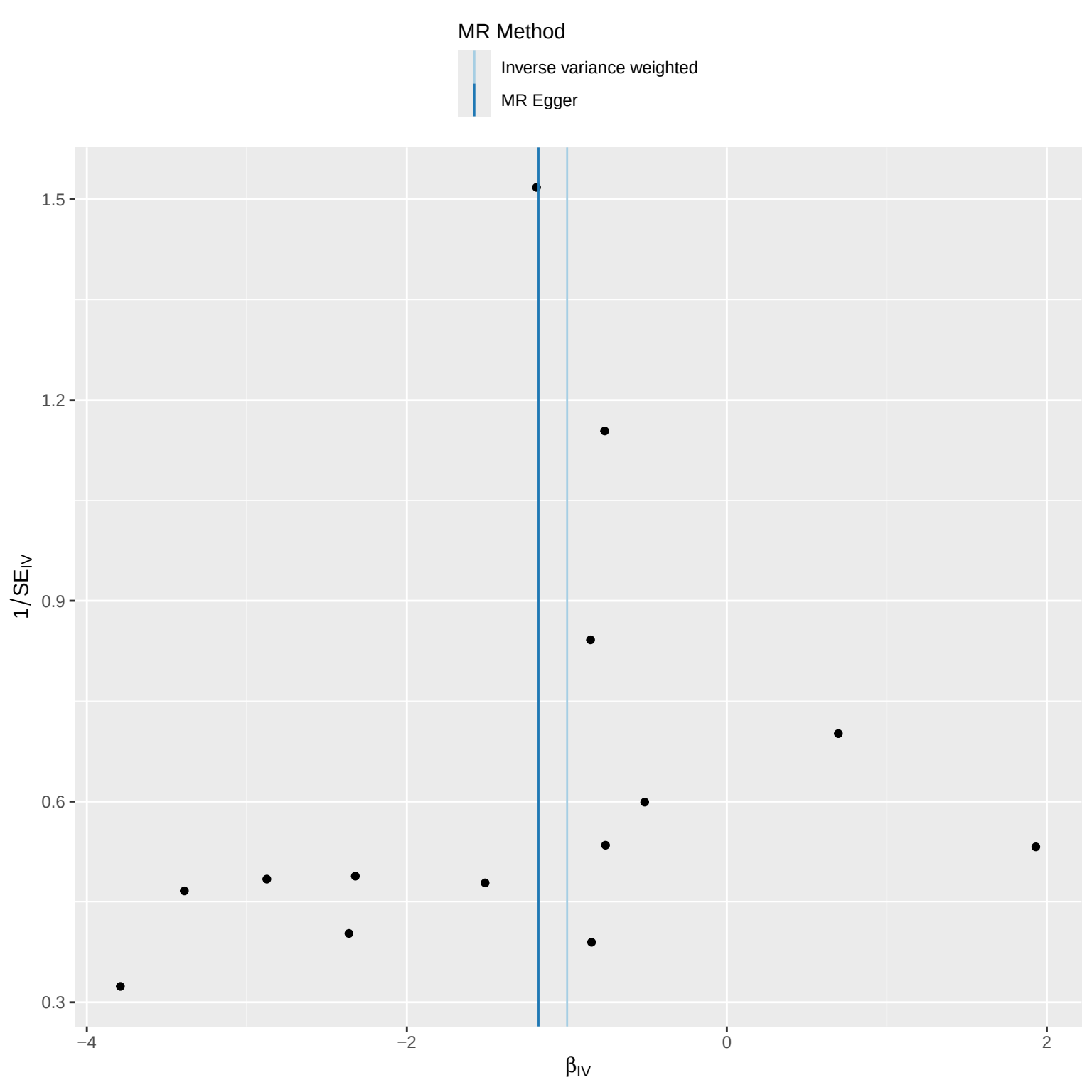

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
β_IV

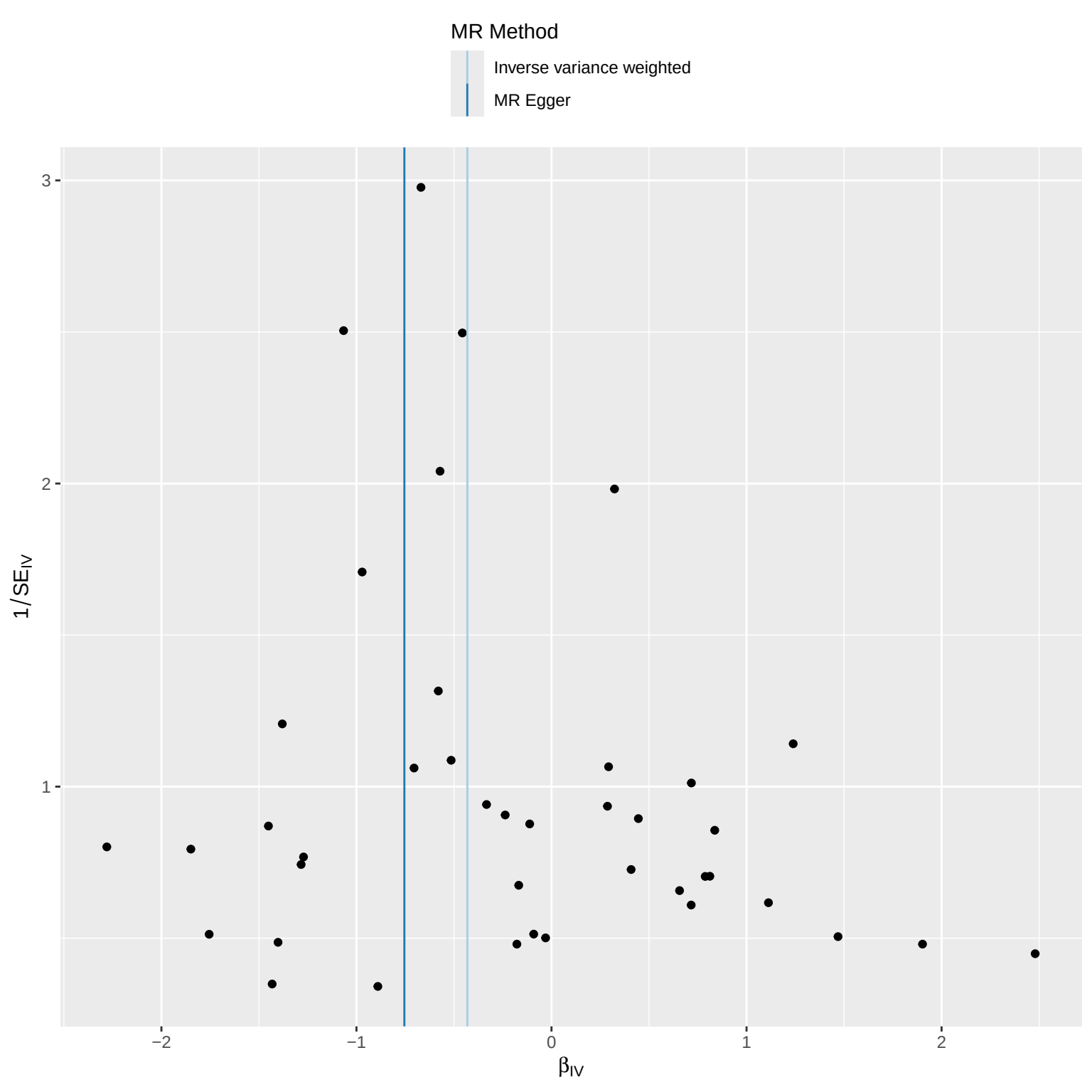

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−2
−1
0
1
2
3
β_IV

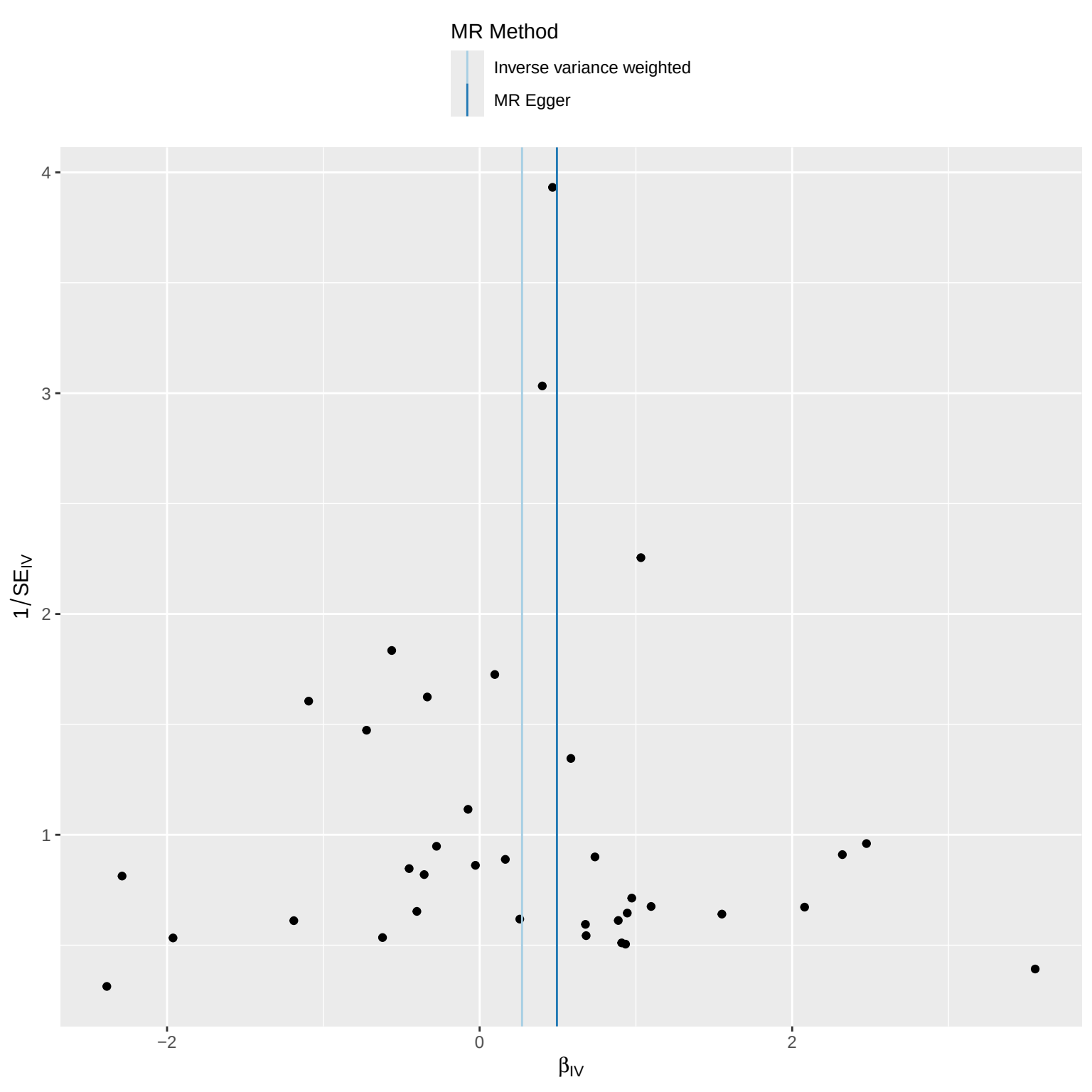

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

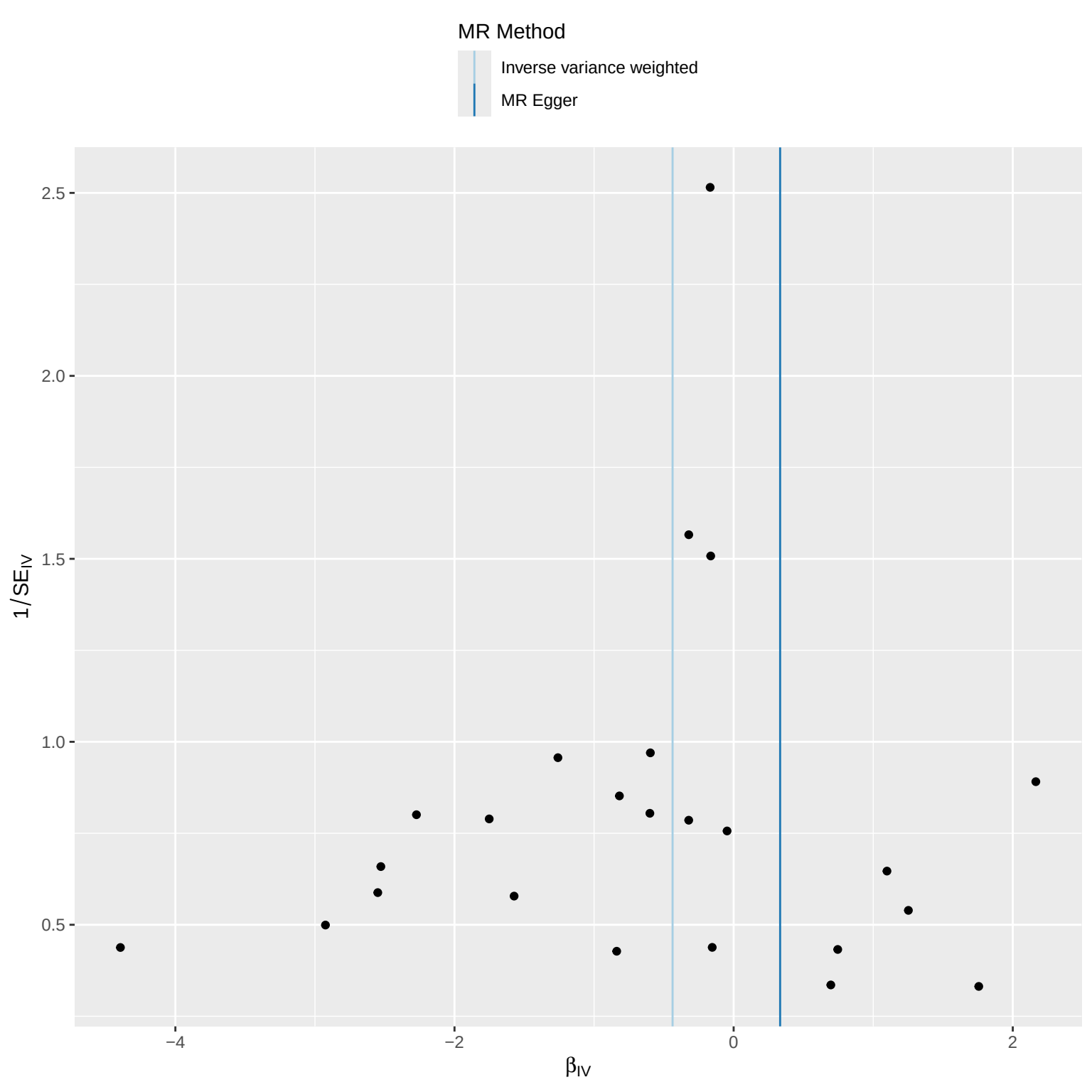

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

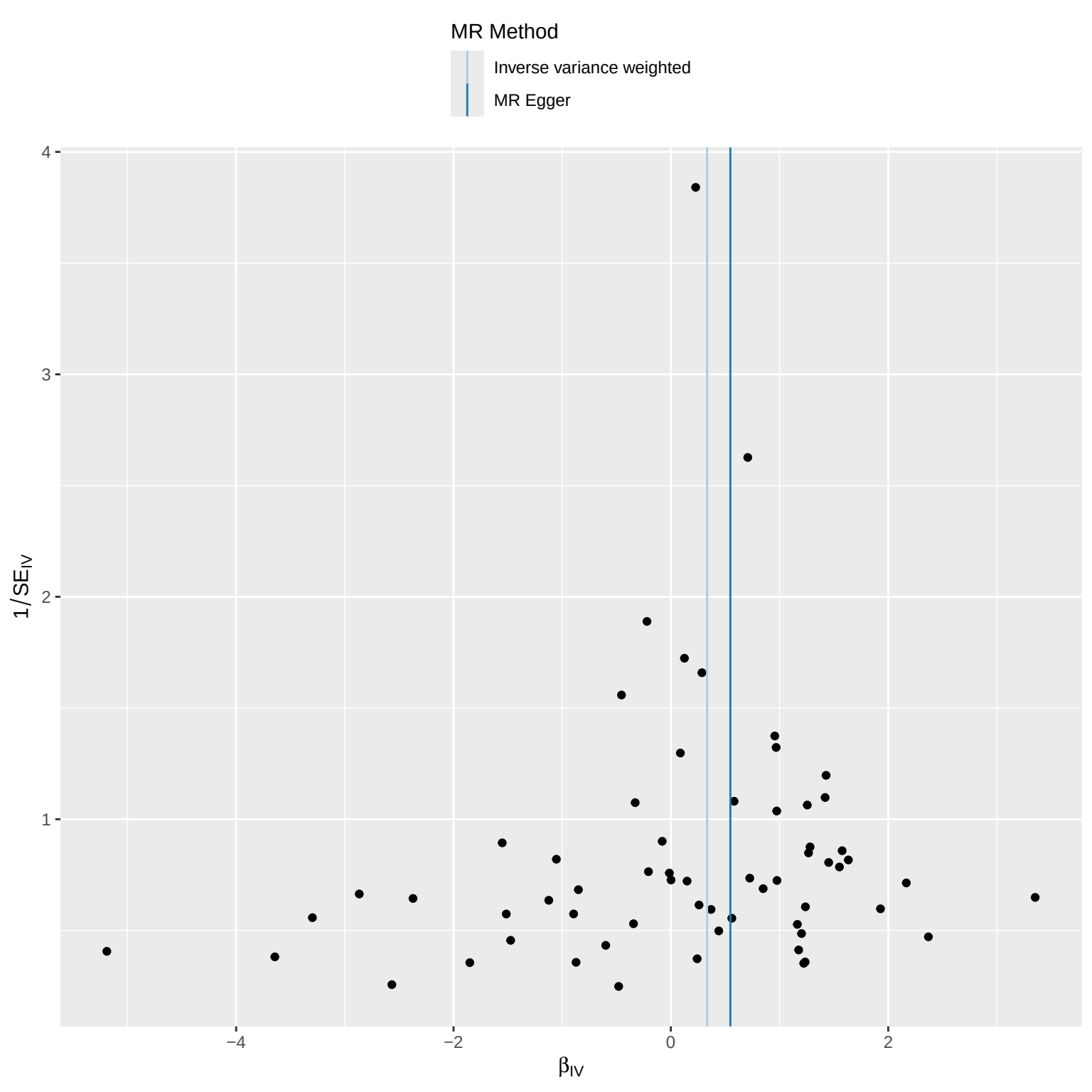

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−3
−2
−1
0
1
β_IV

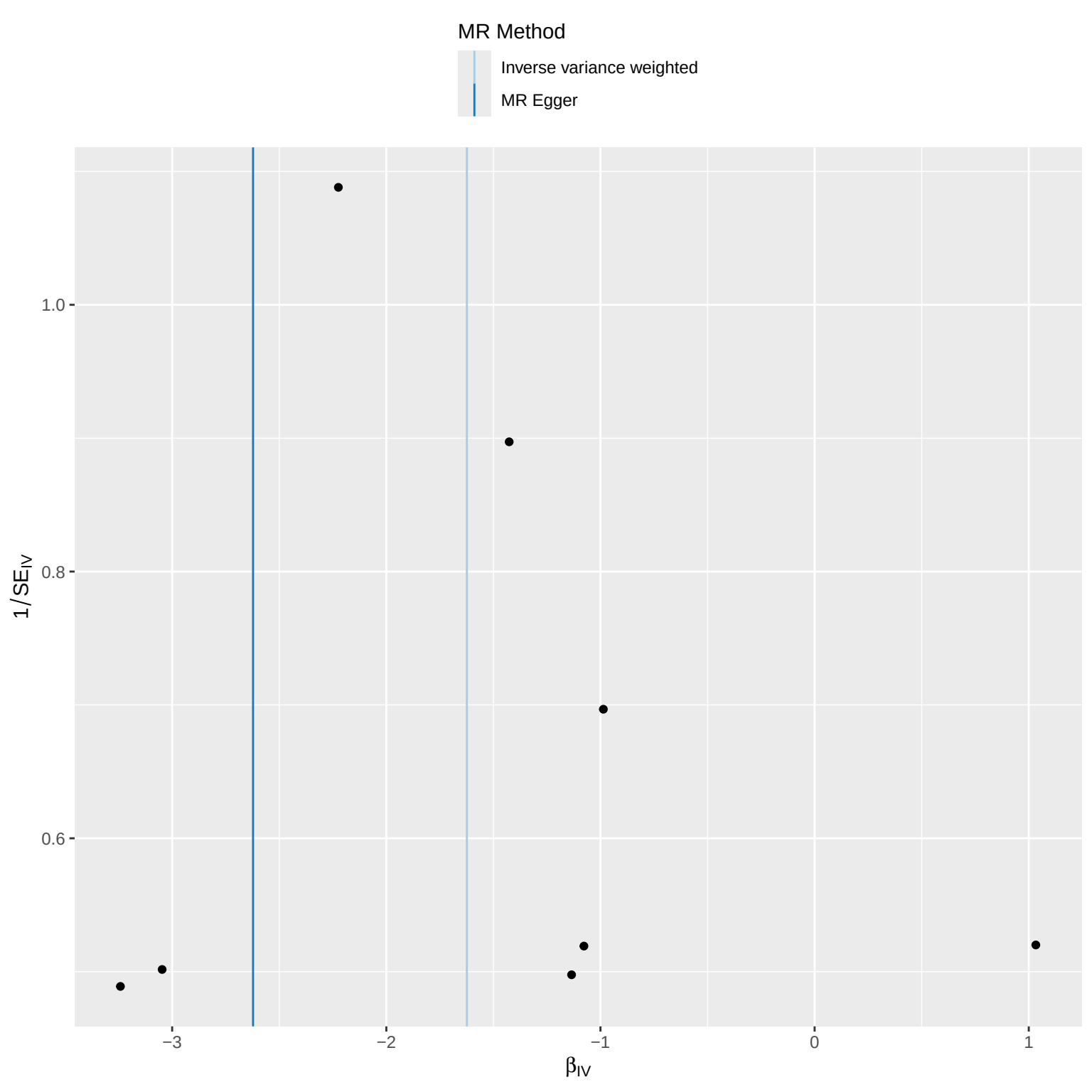

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

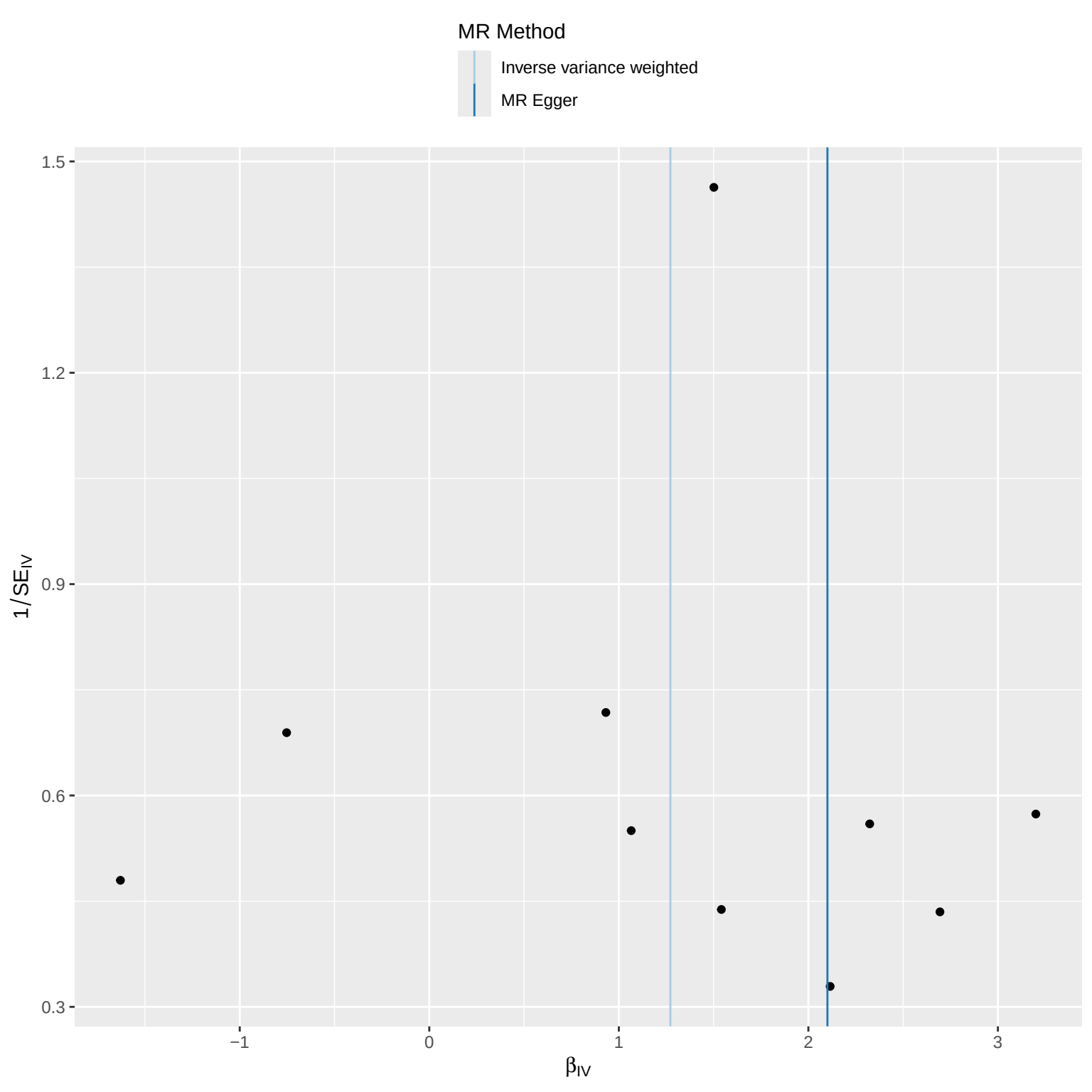

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

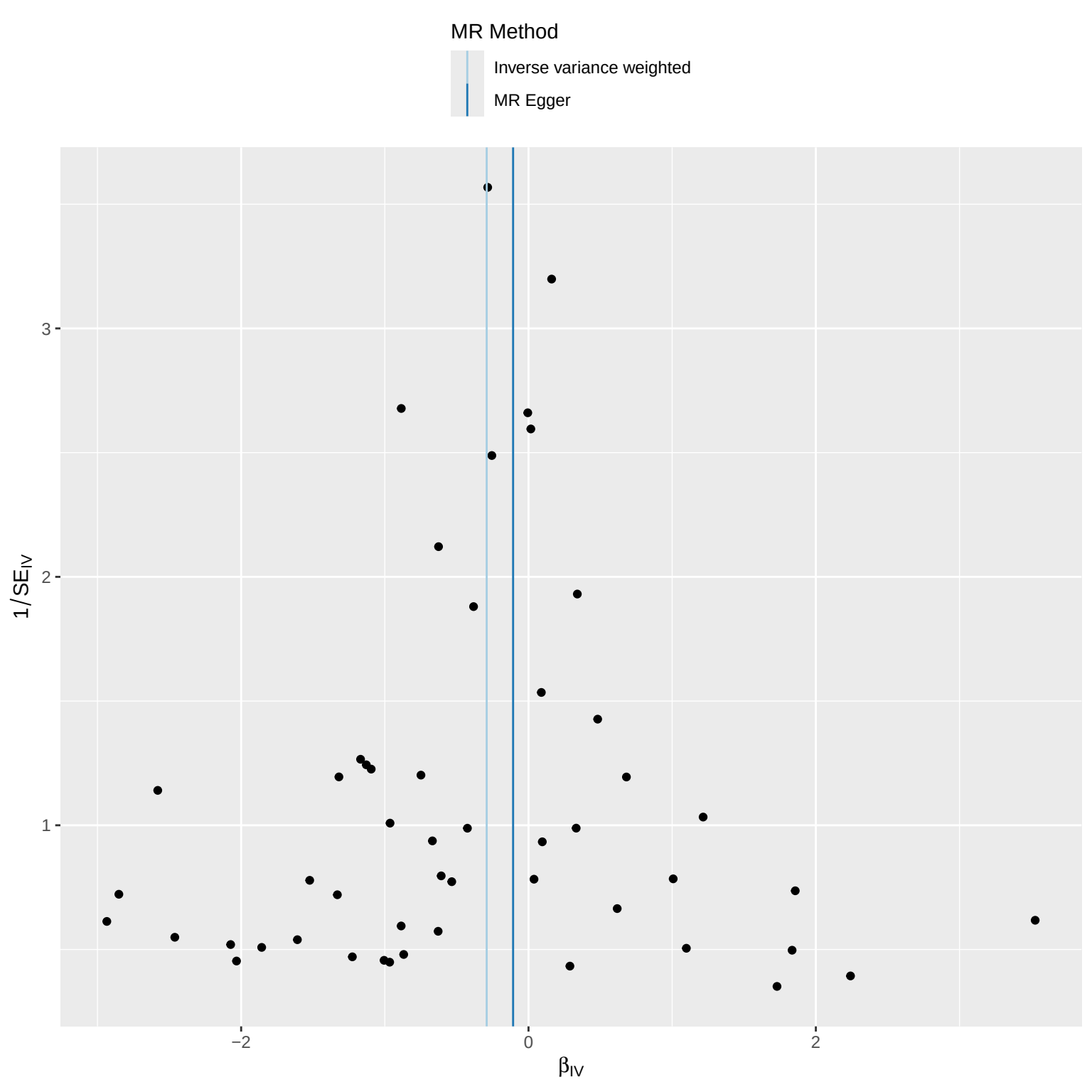

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

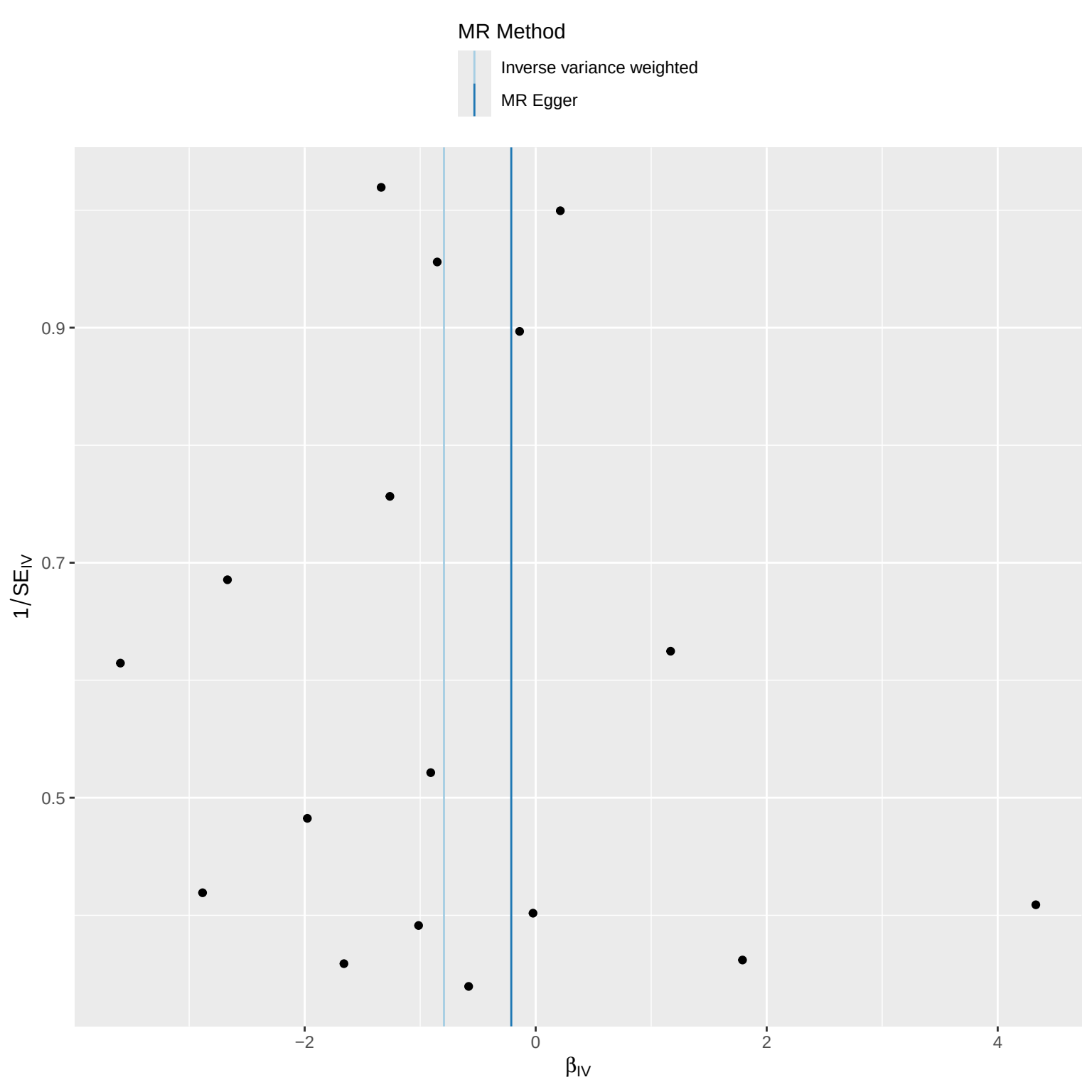

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

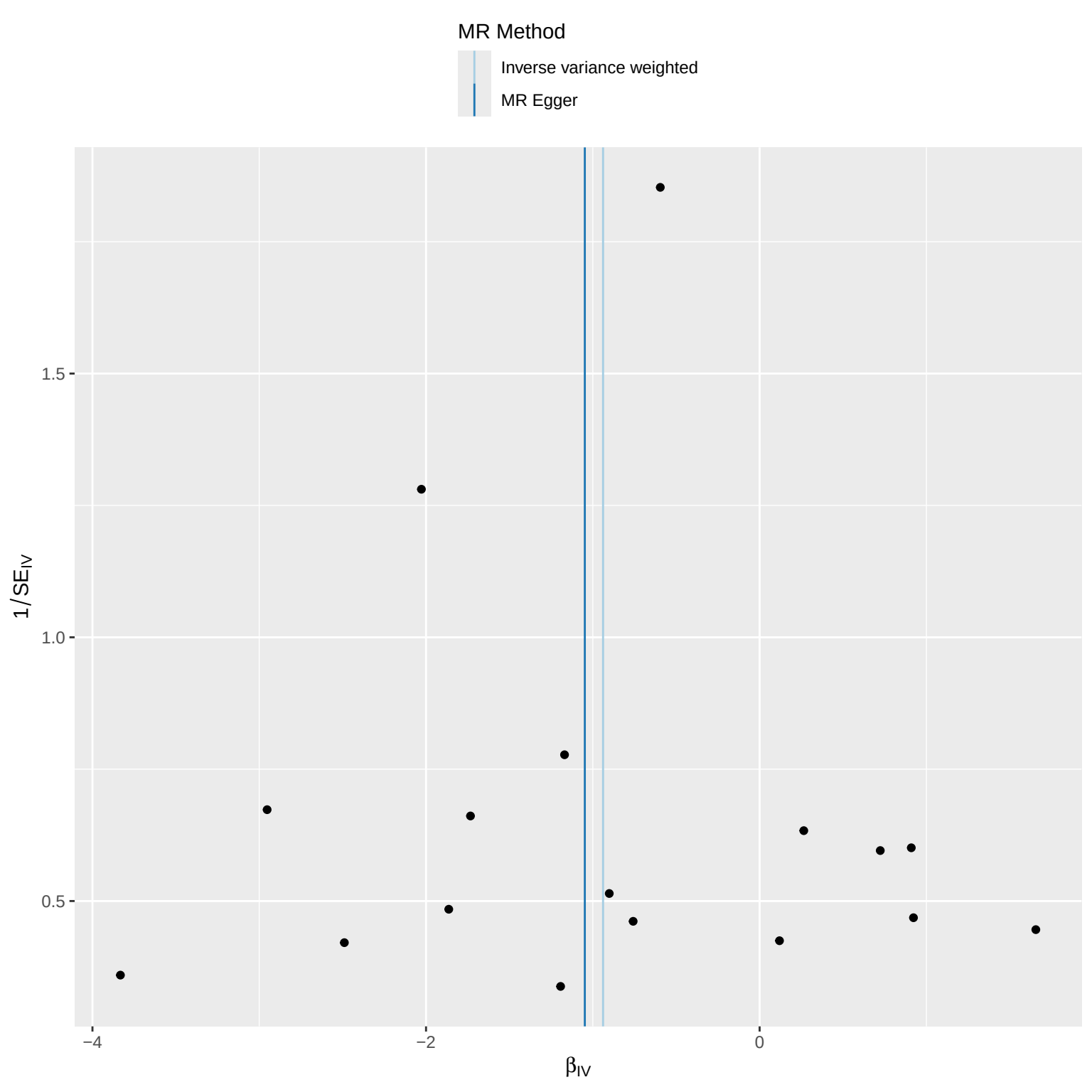

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

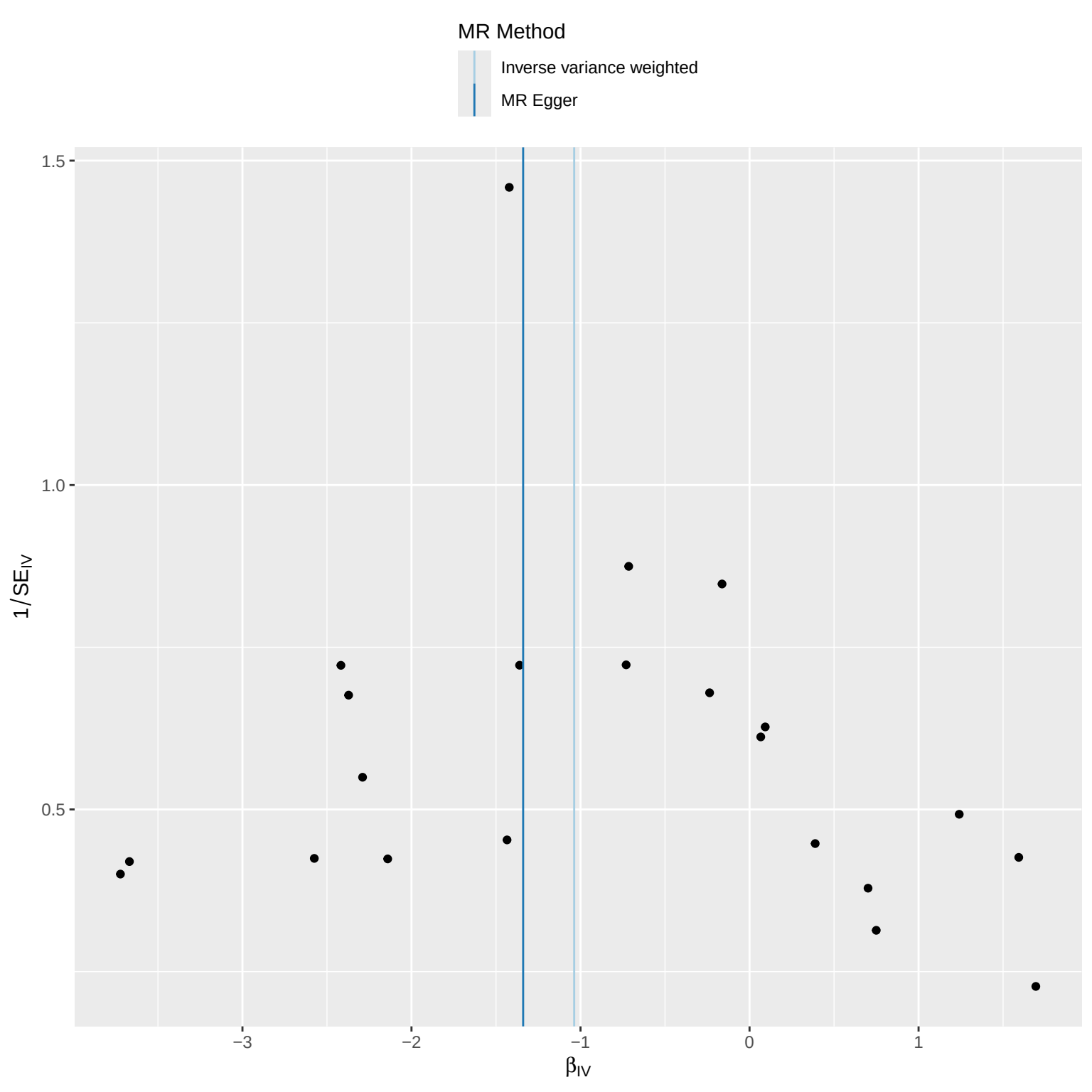

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

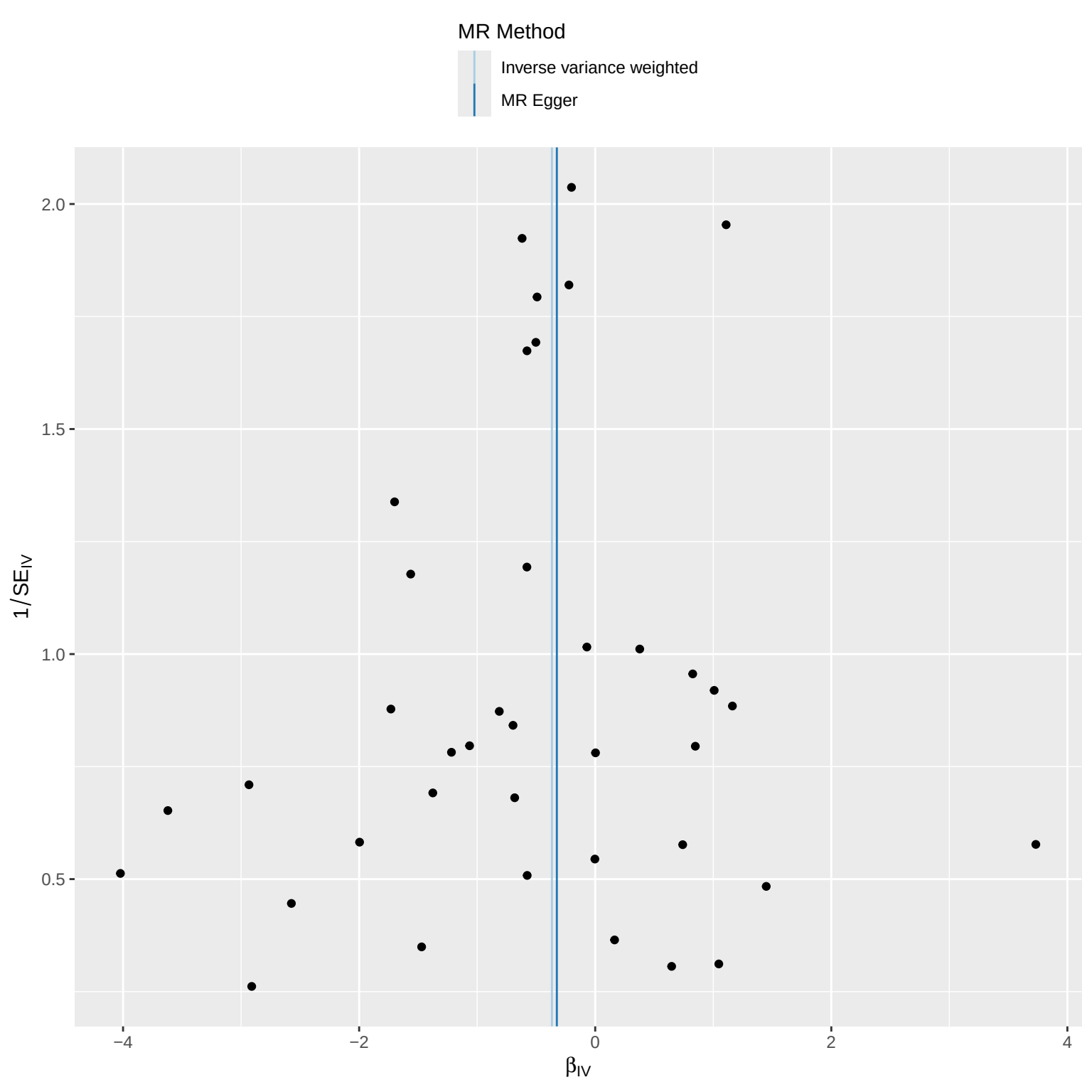

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−1
0
1
2
3
β_IV

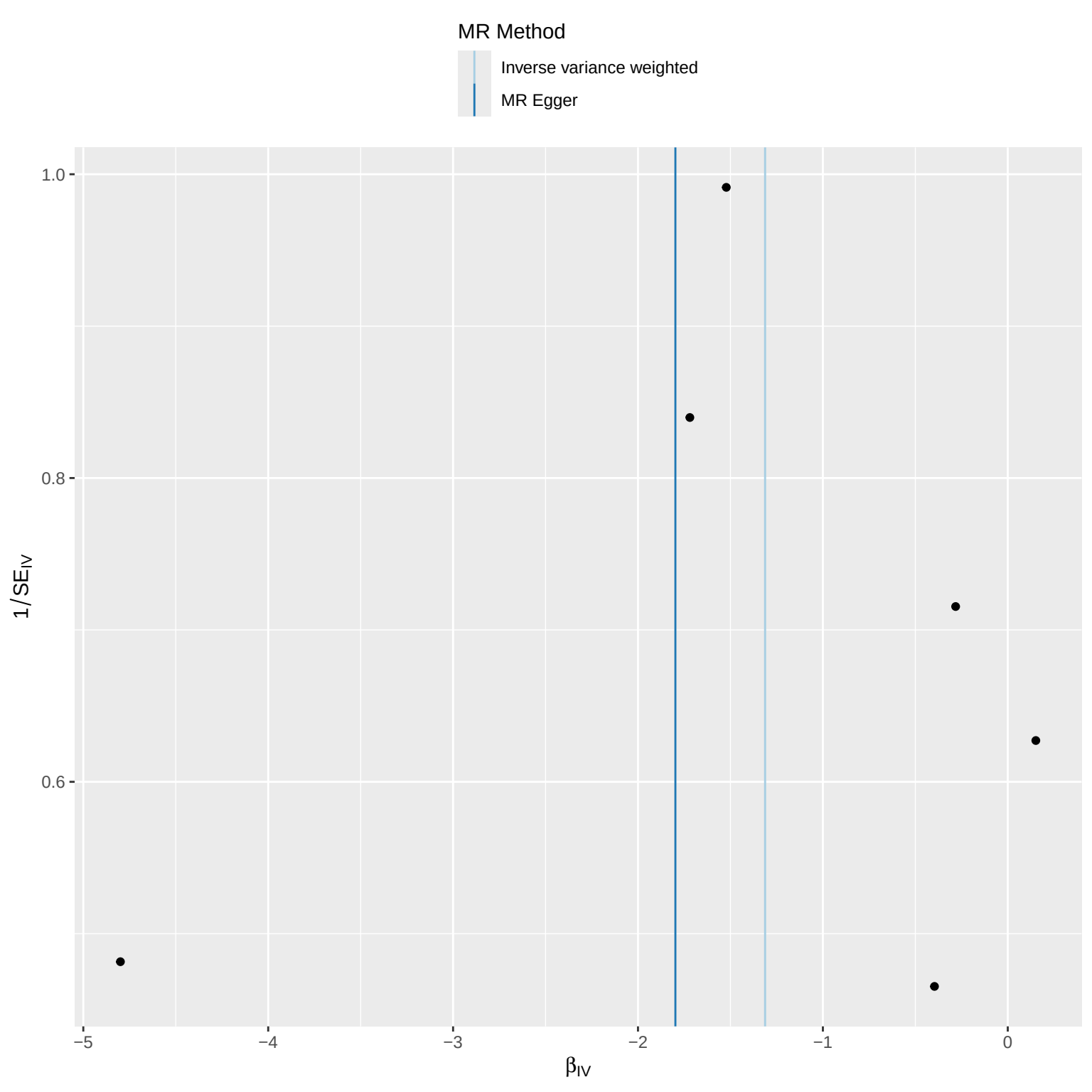

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

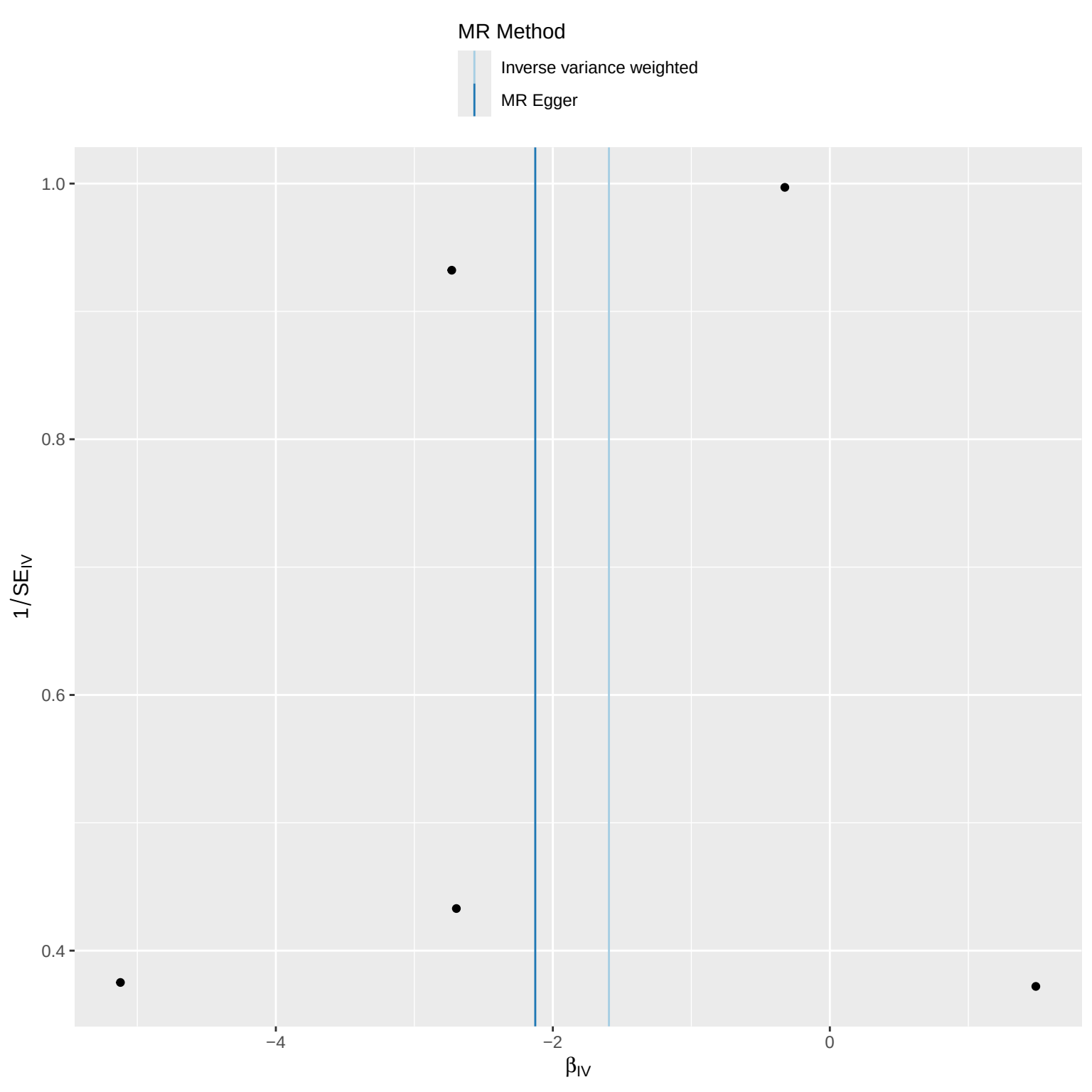

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
1/SE_IV
−2
0
2
4
β_IV

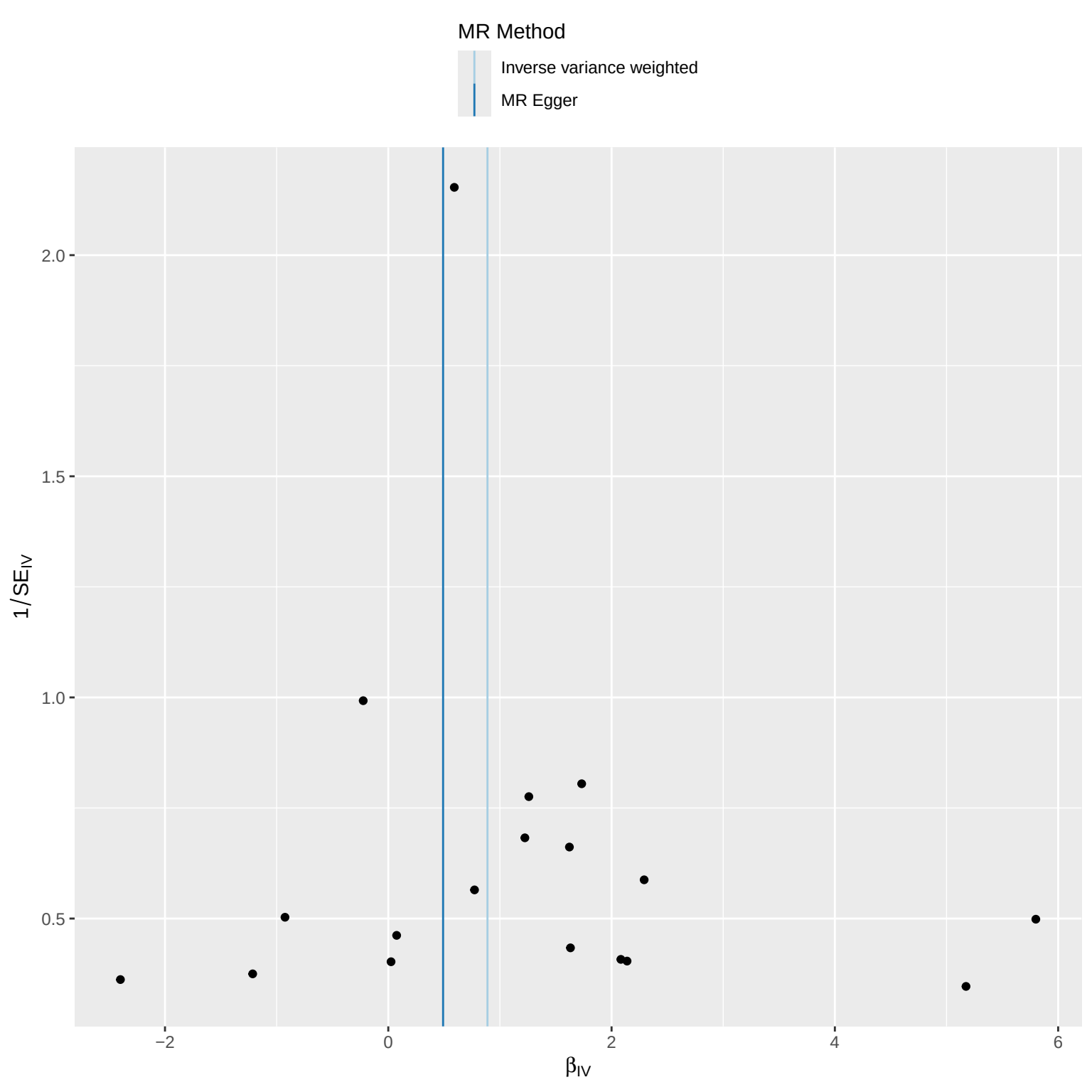

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

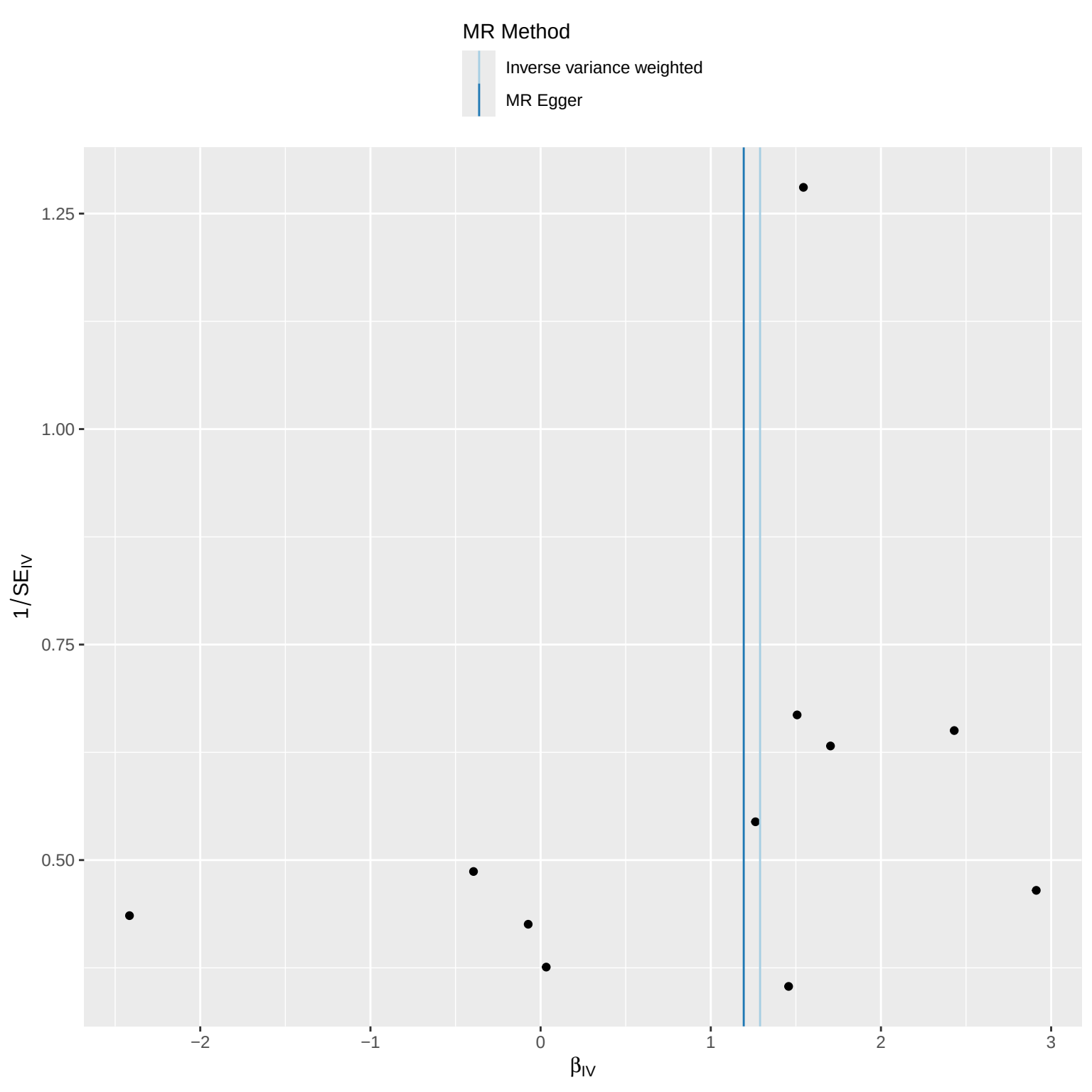

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

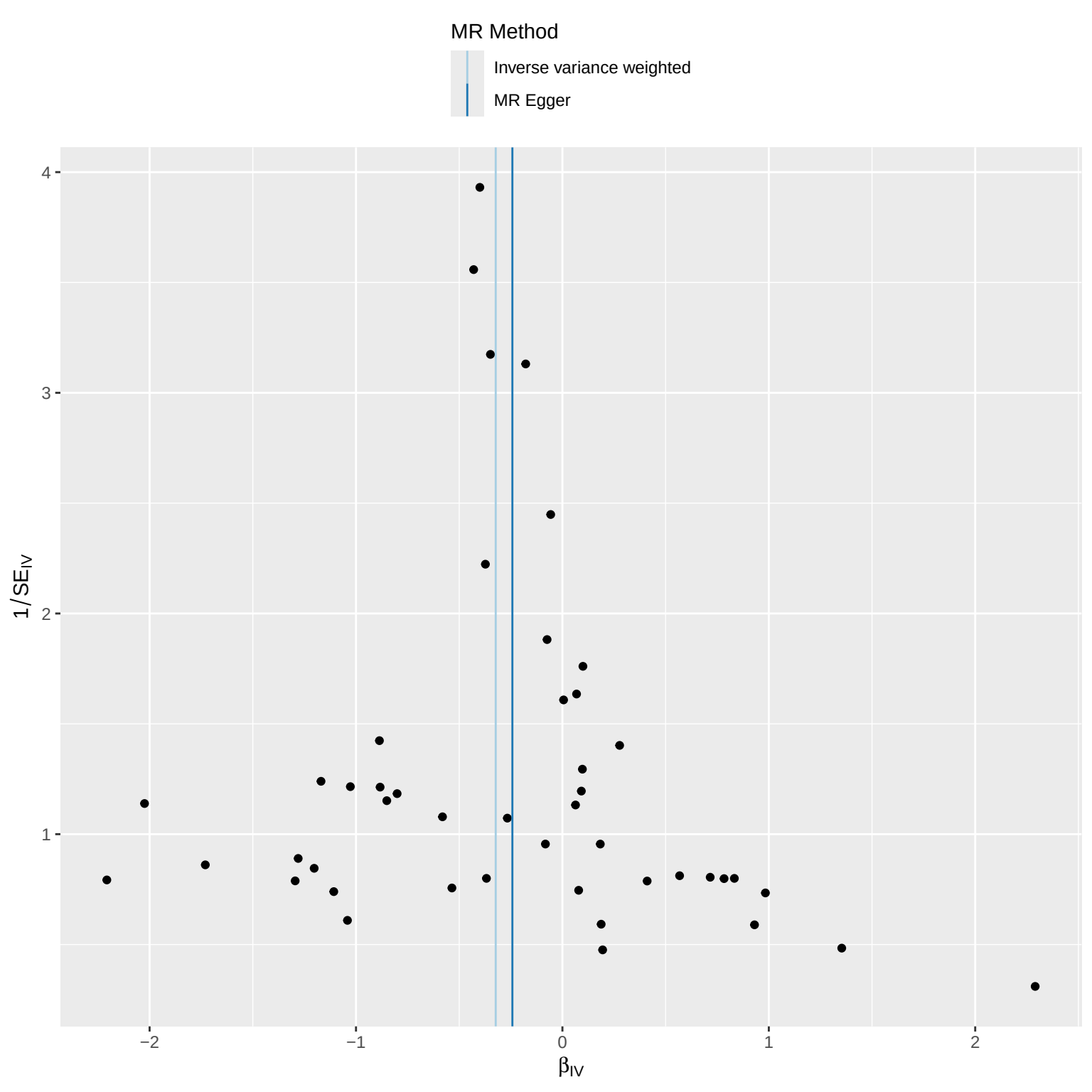

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

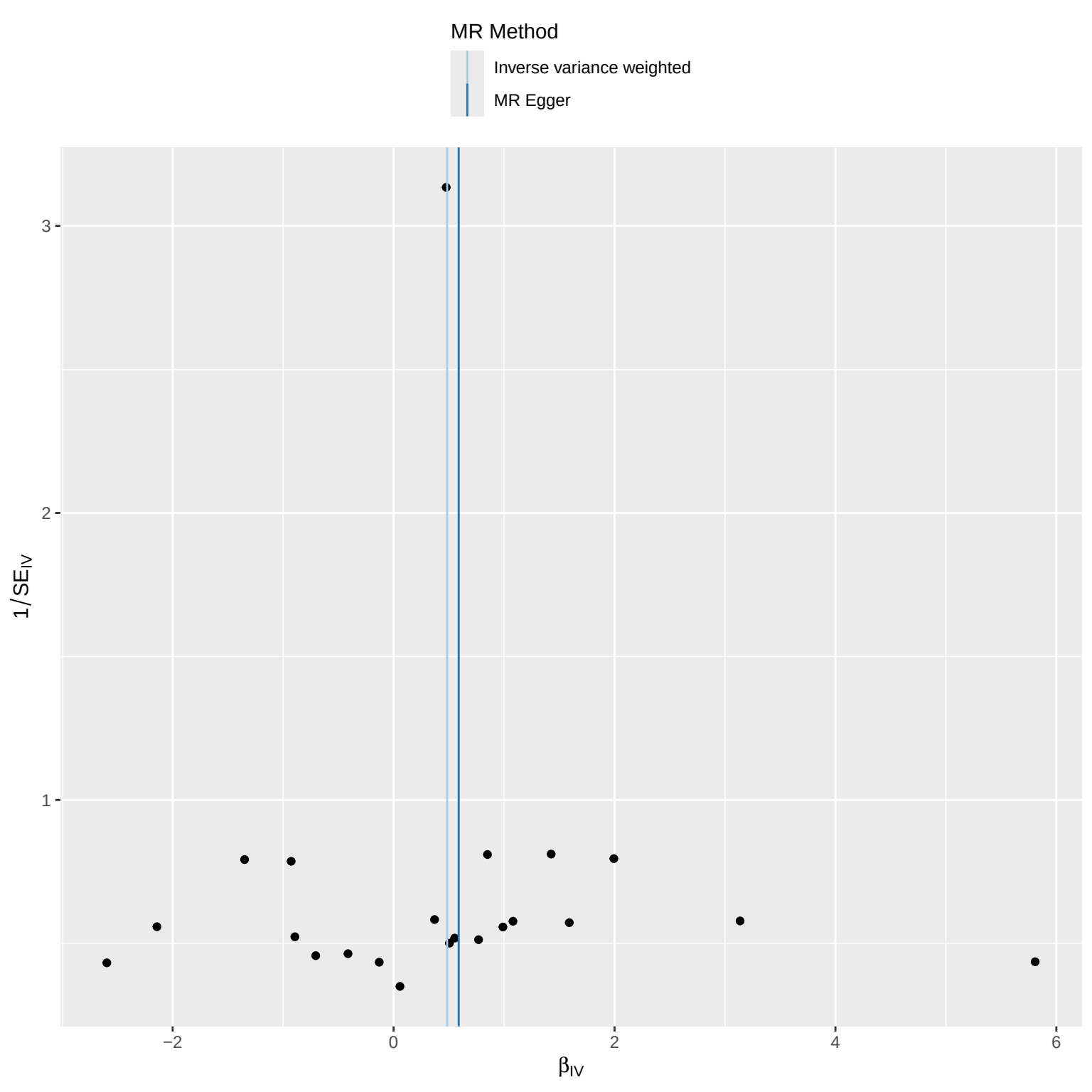

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−5
−4
−3
−2
−1
0
β_IV

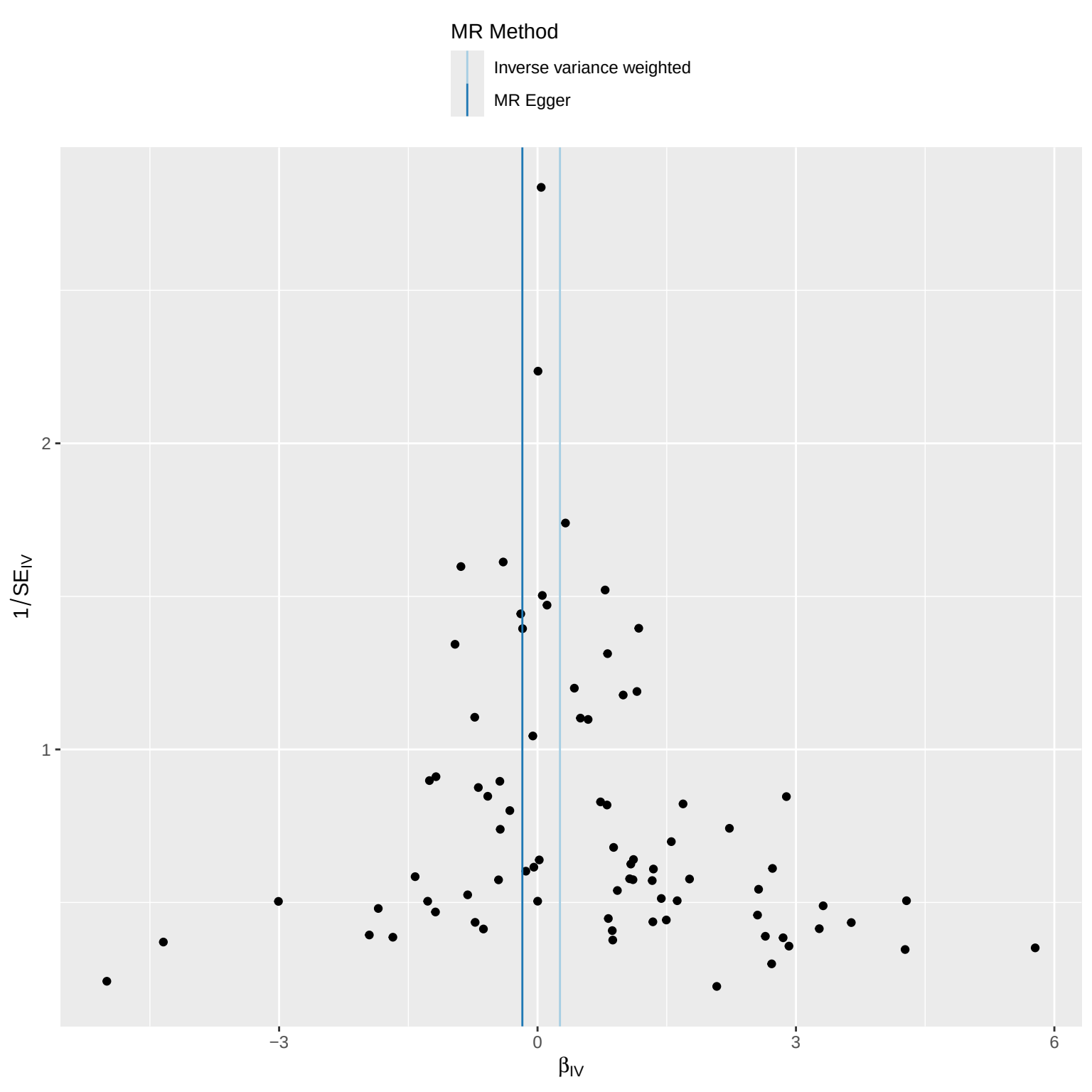

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−2
0
β_IV

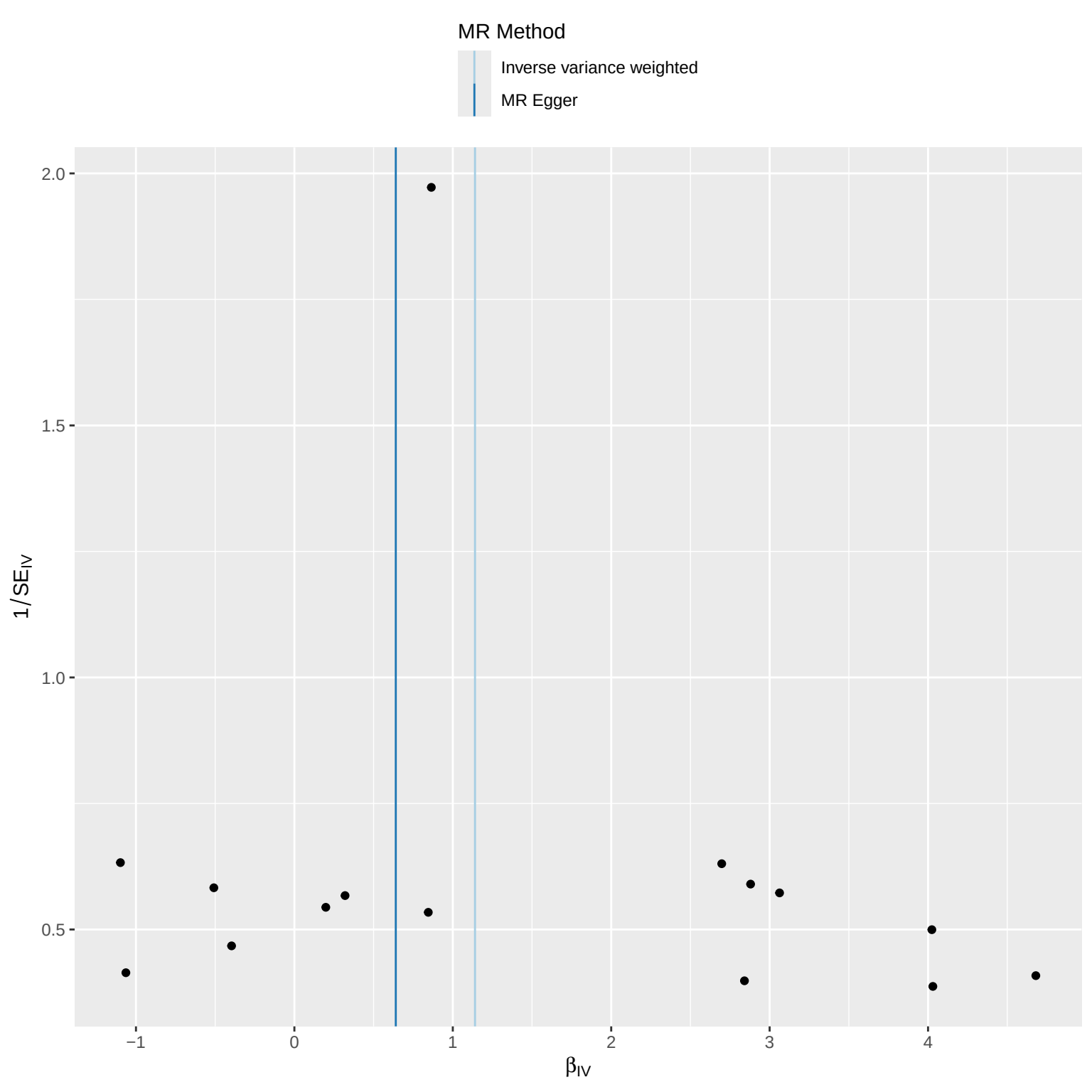

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
6
β_IV

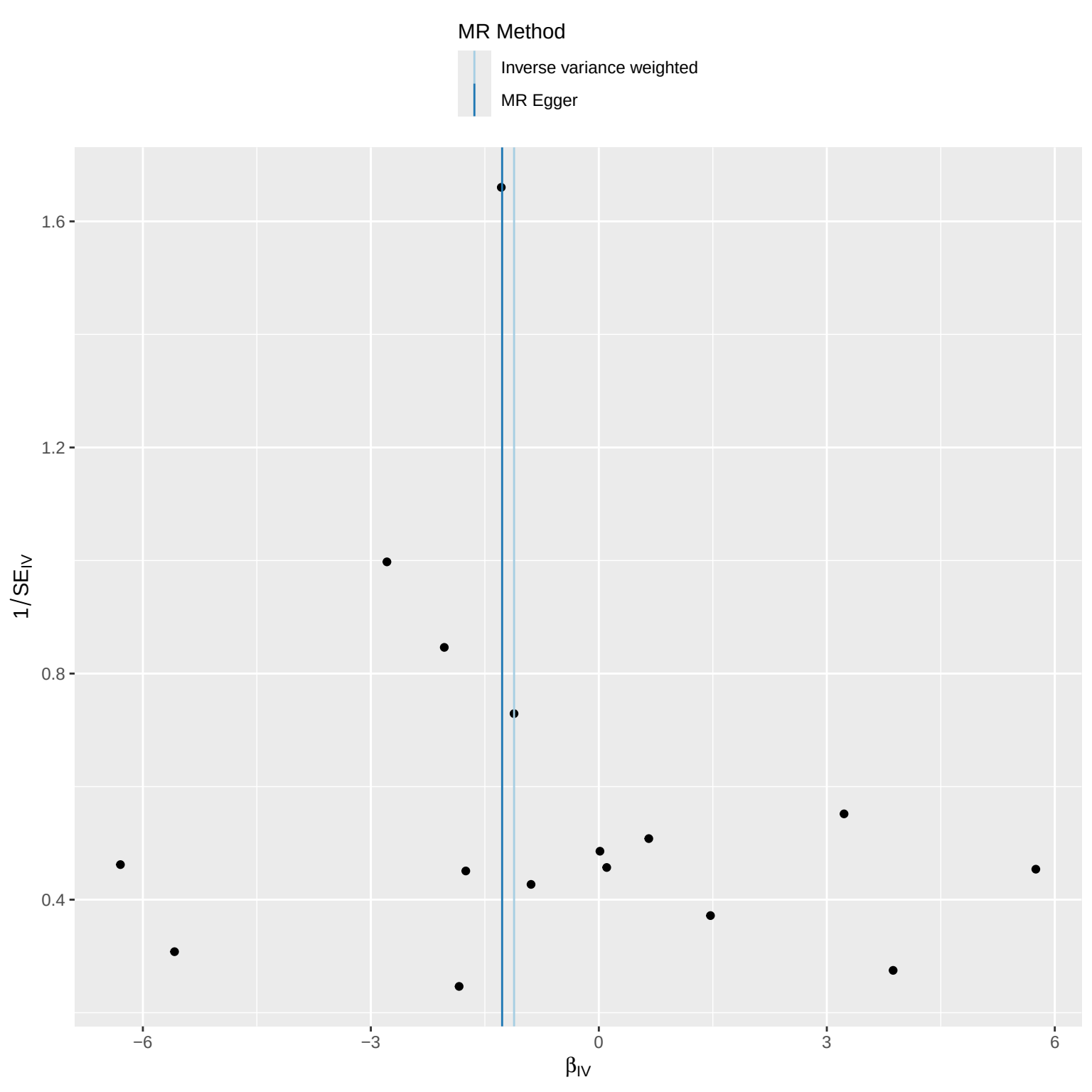

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
2
3
β_IV

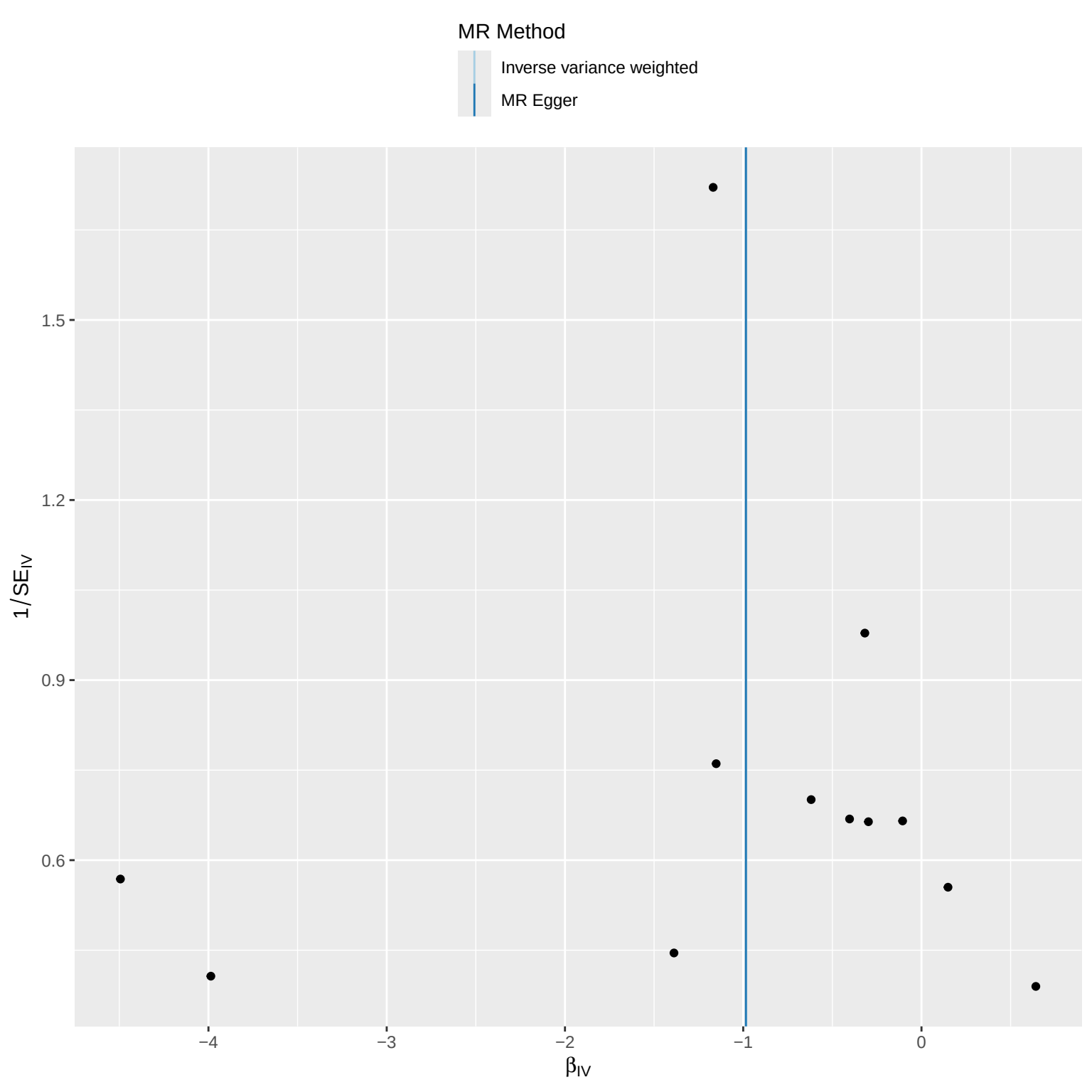

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

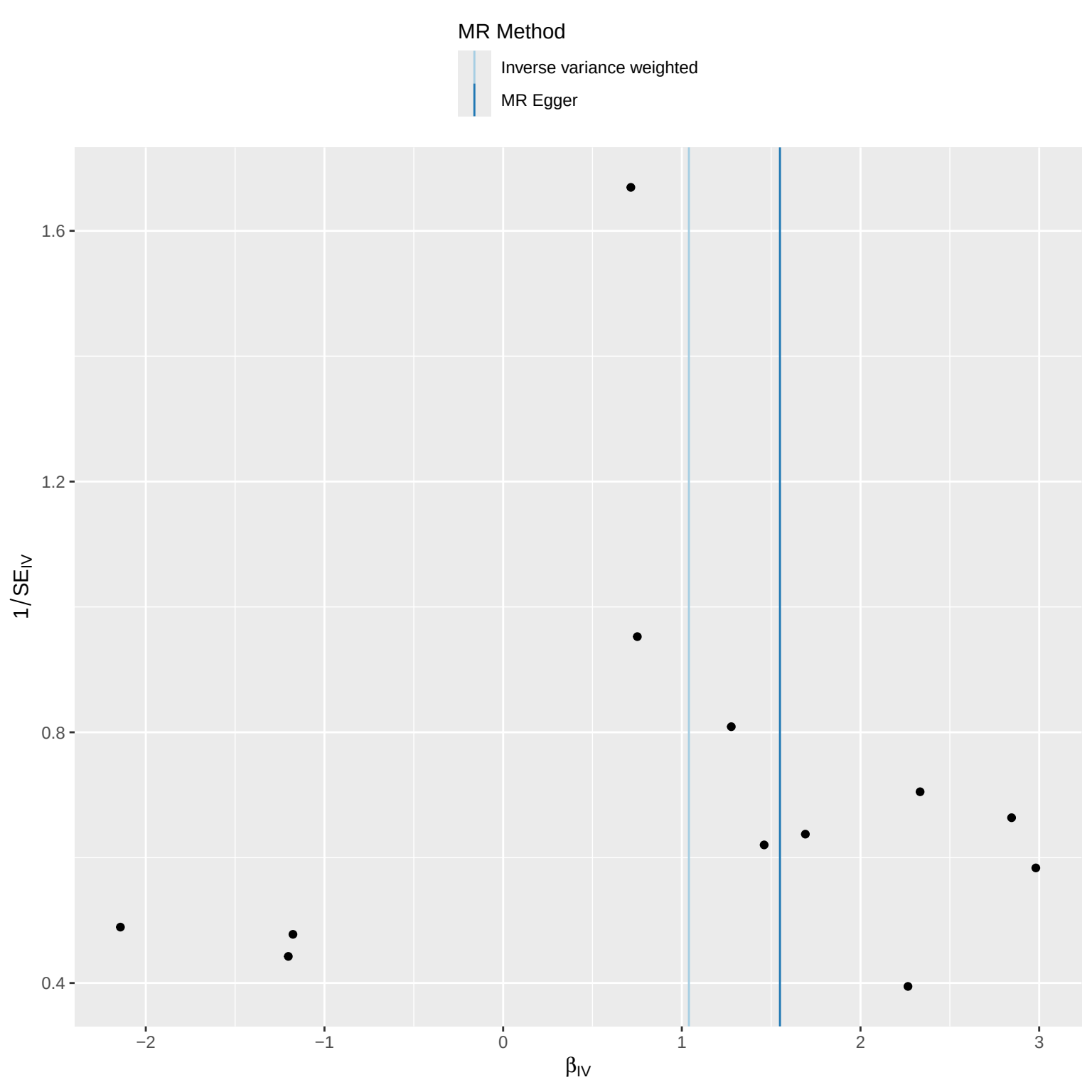

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

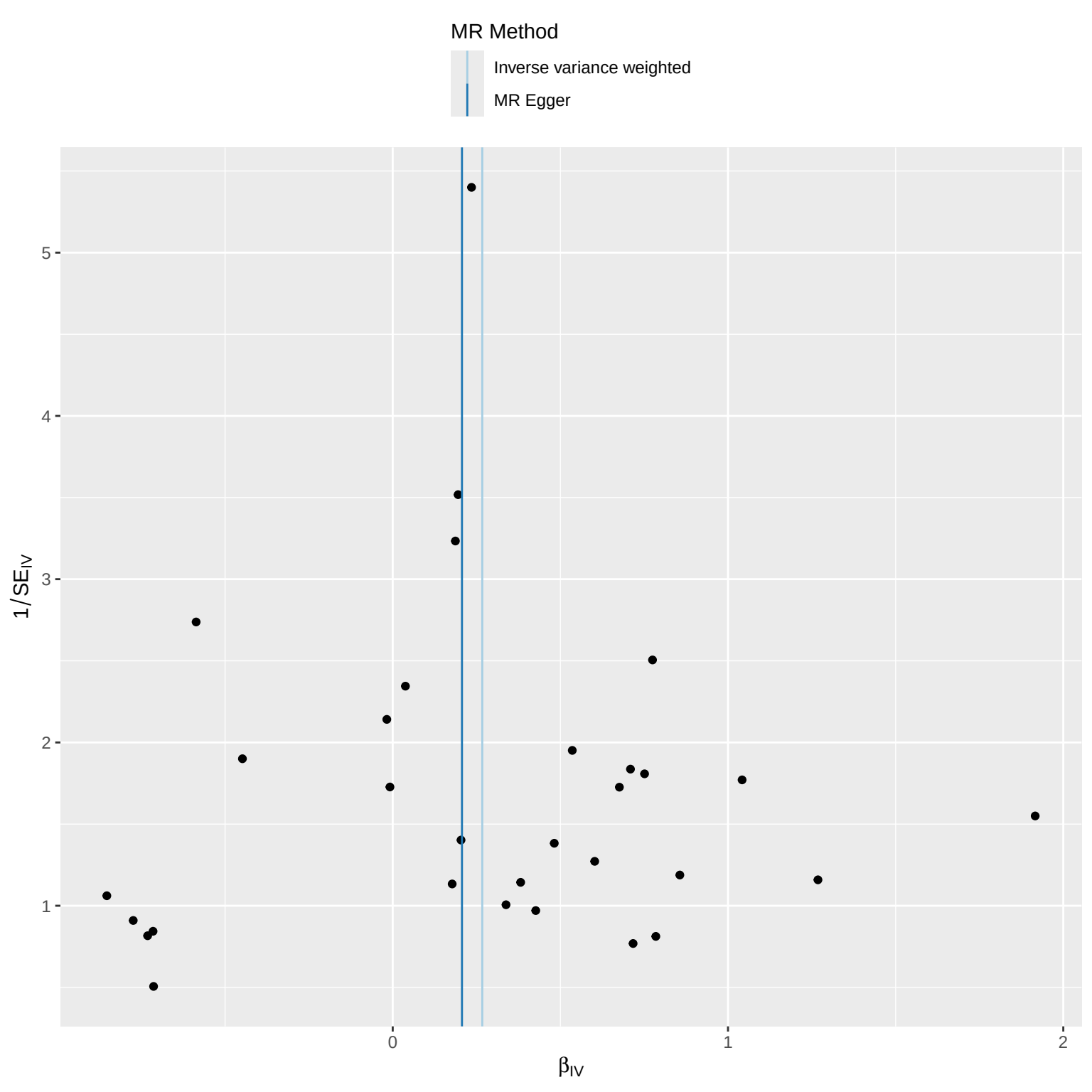

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
0
3
6
β_IV

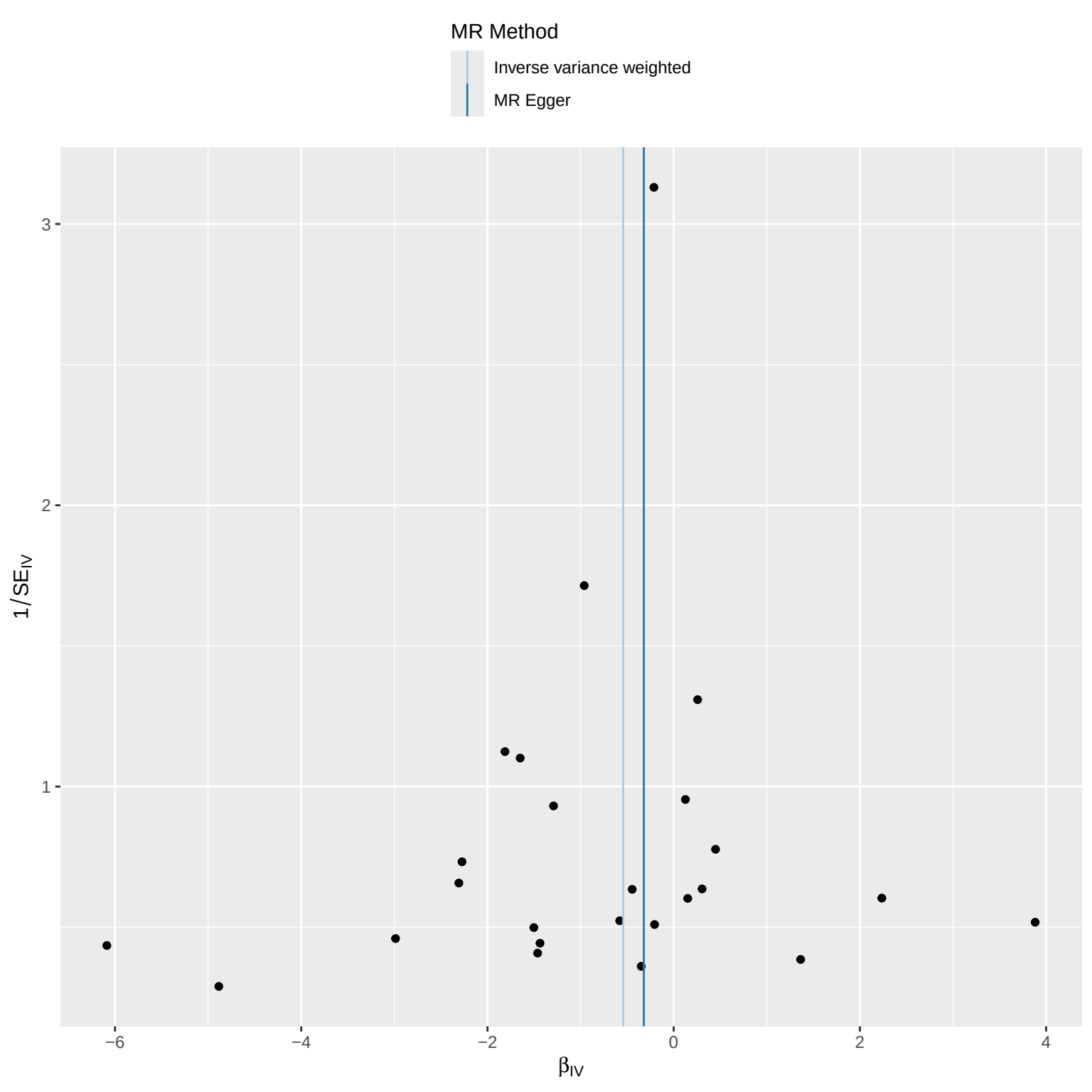

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

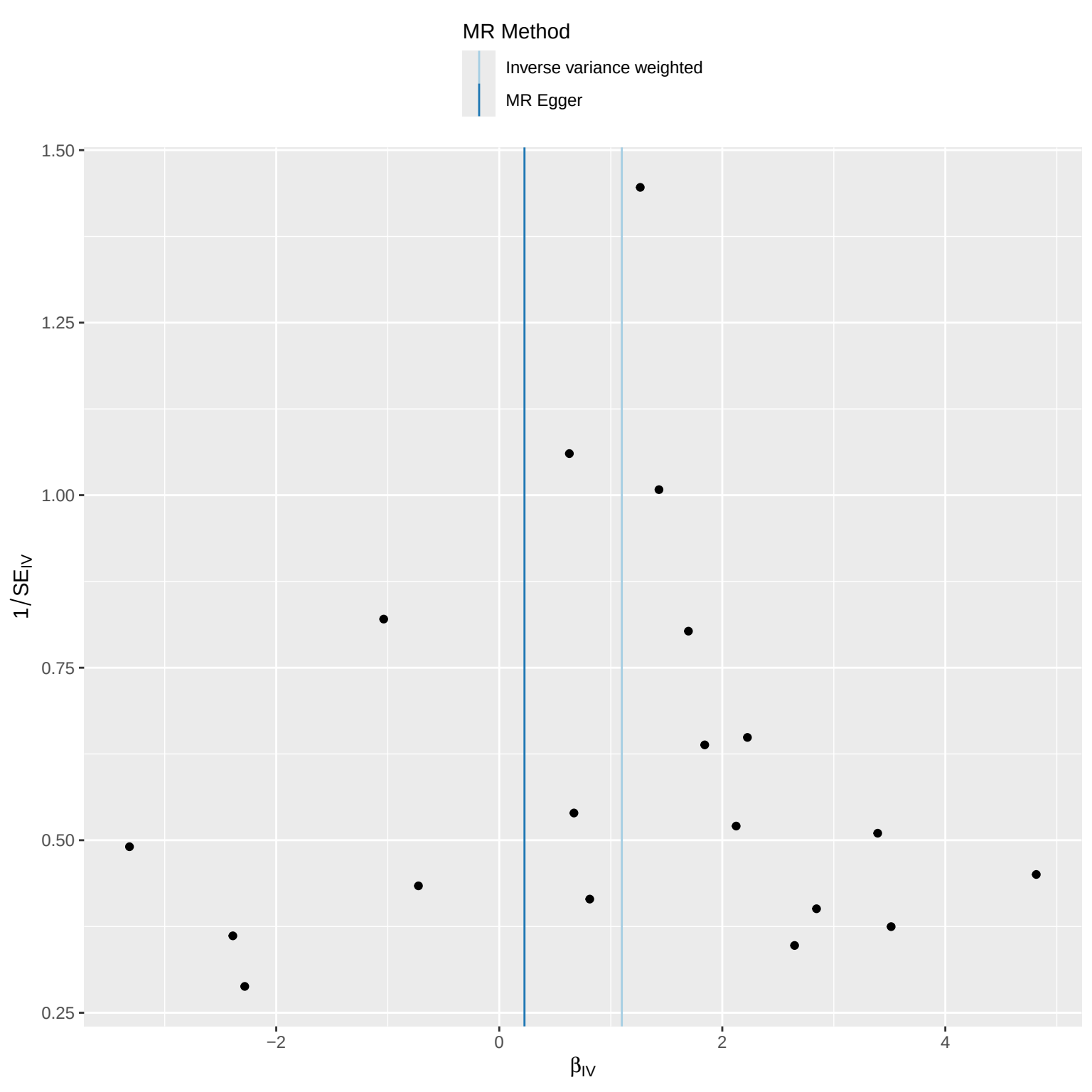

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−6
−3
0
3
6
β_IV

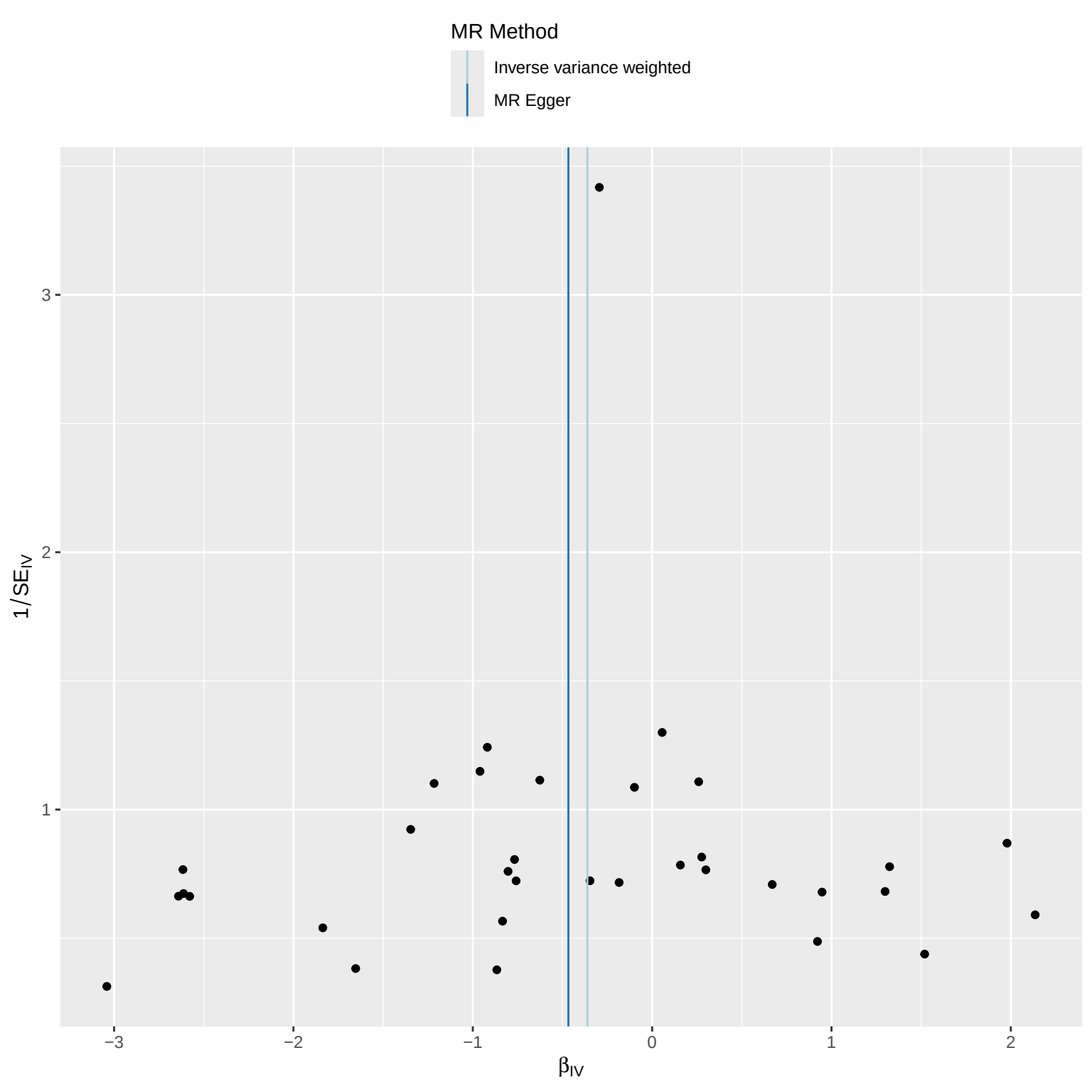

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−4
−3
−2
−1
0
β_IV

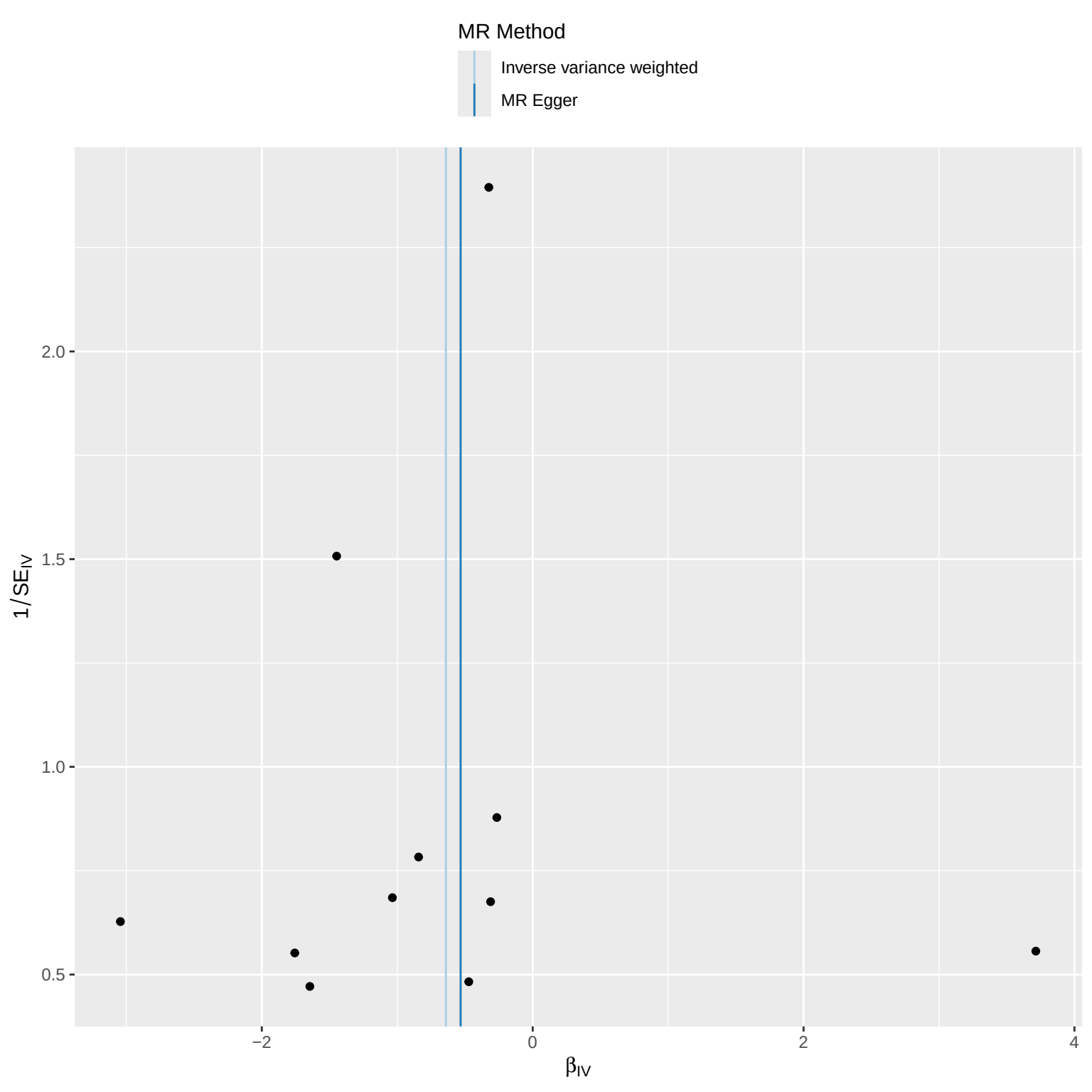

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
2
3
β_IV

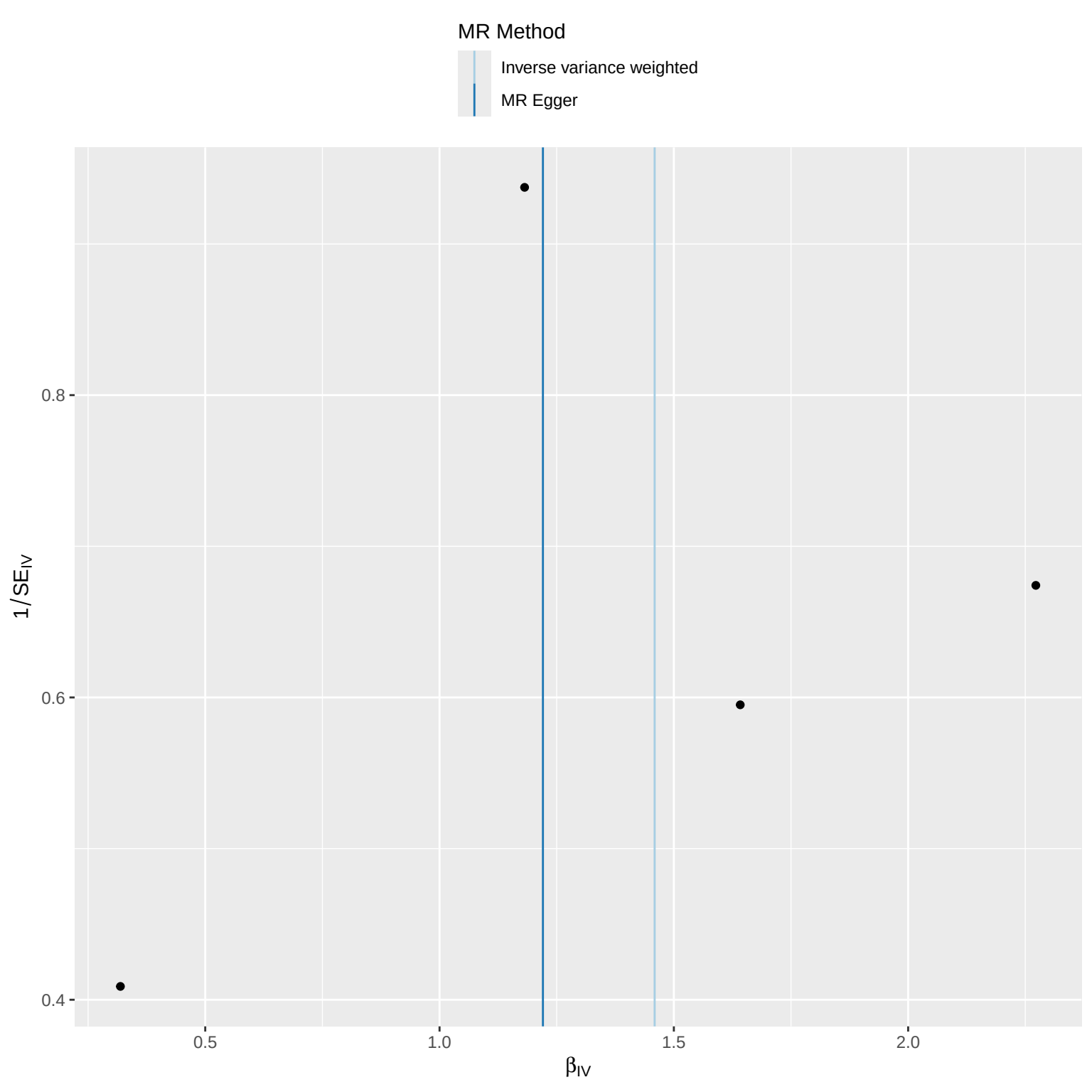

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
1
2
β_IV

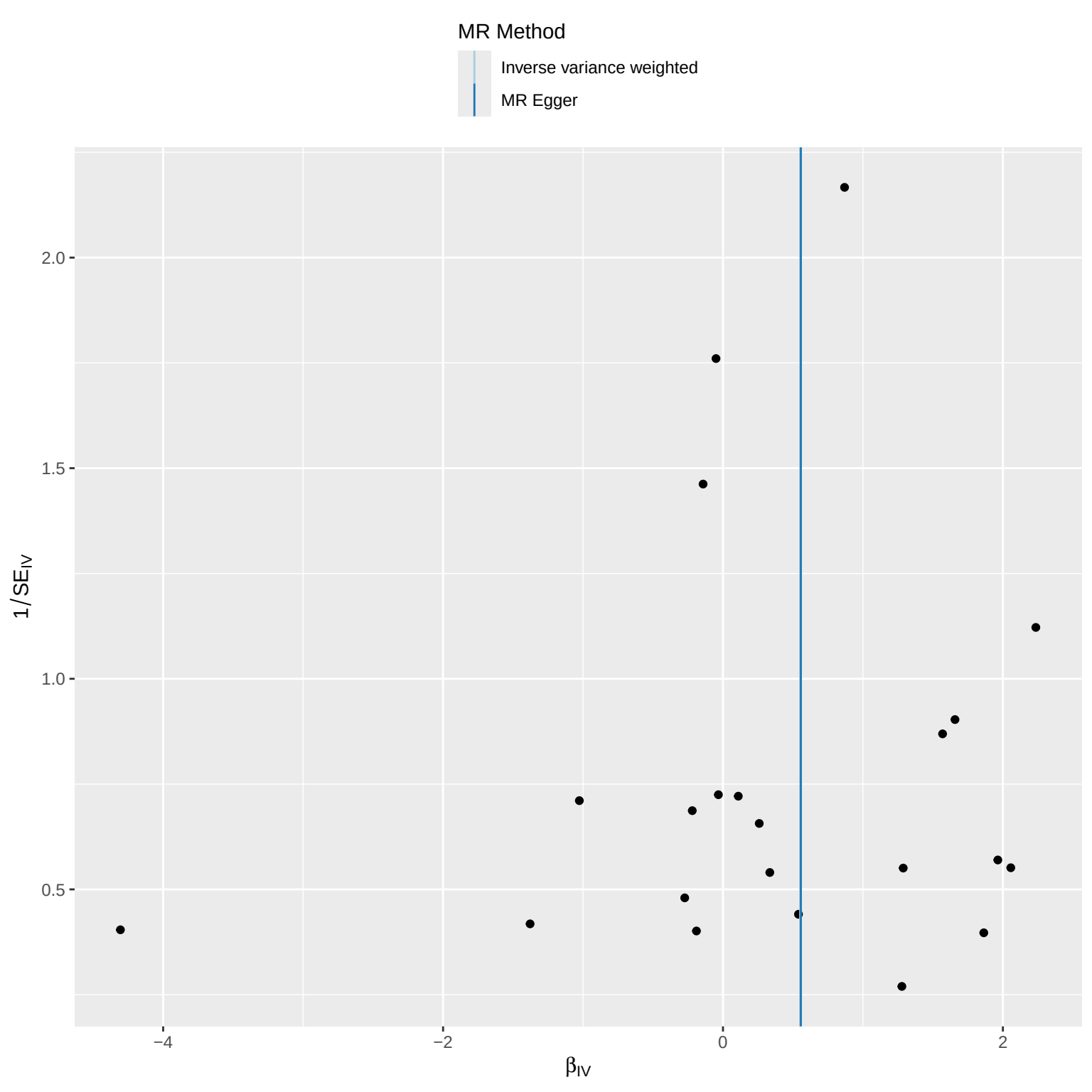

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
4
β_IV

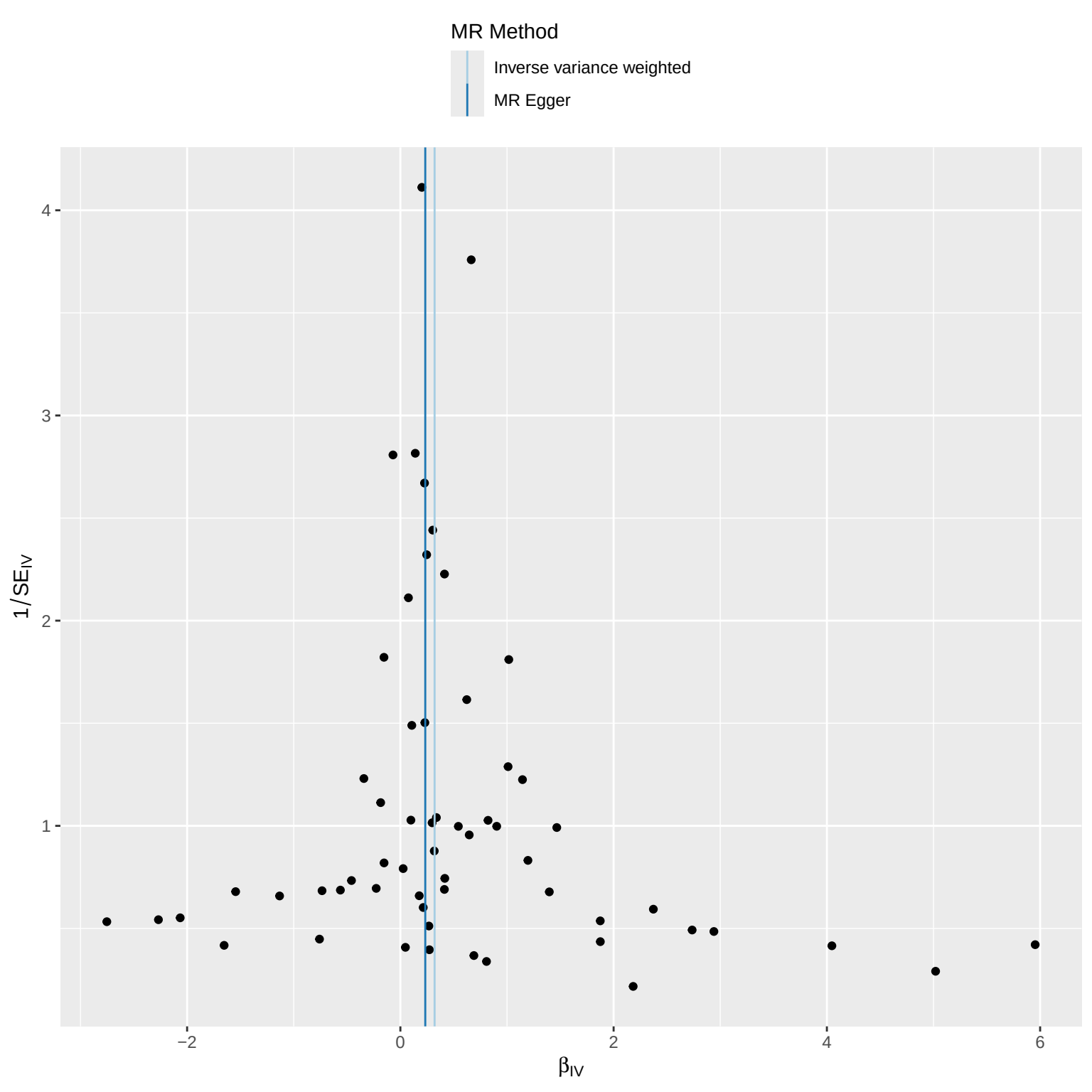

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
0
2
4
β_IV

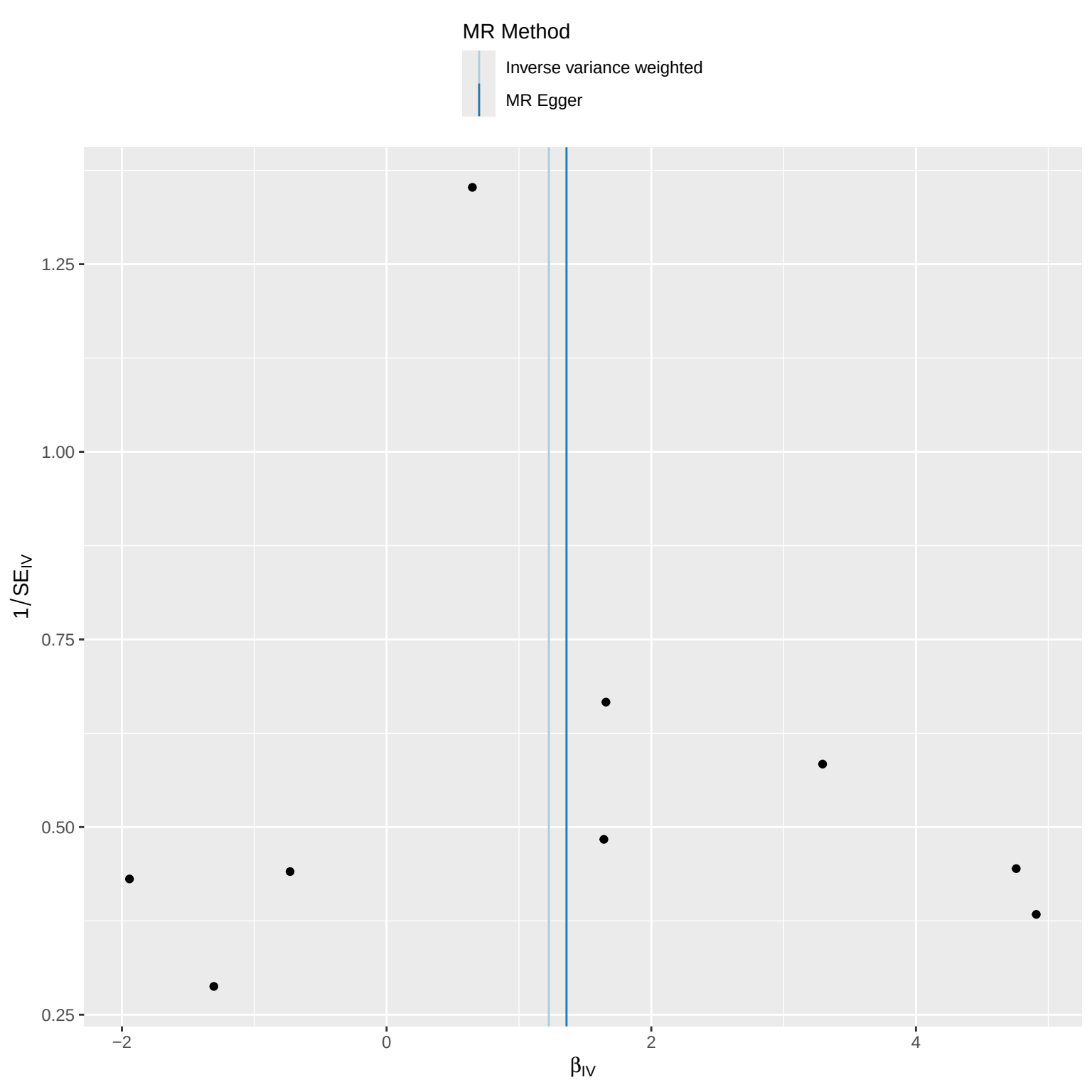

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

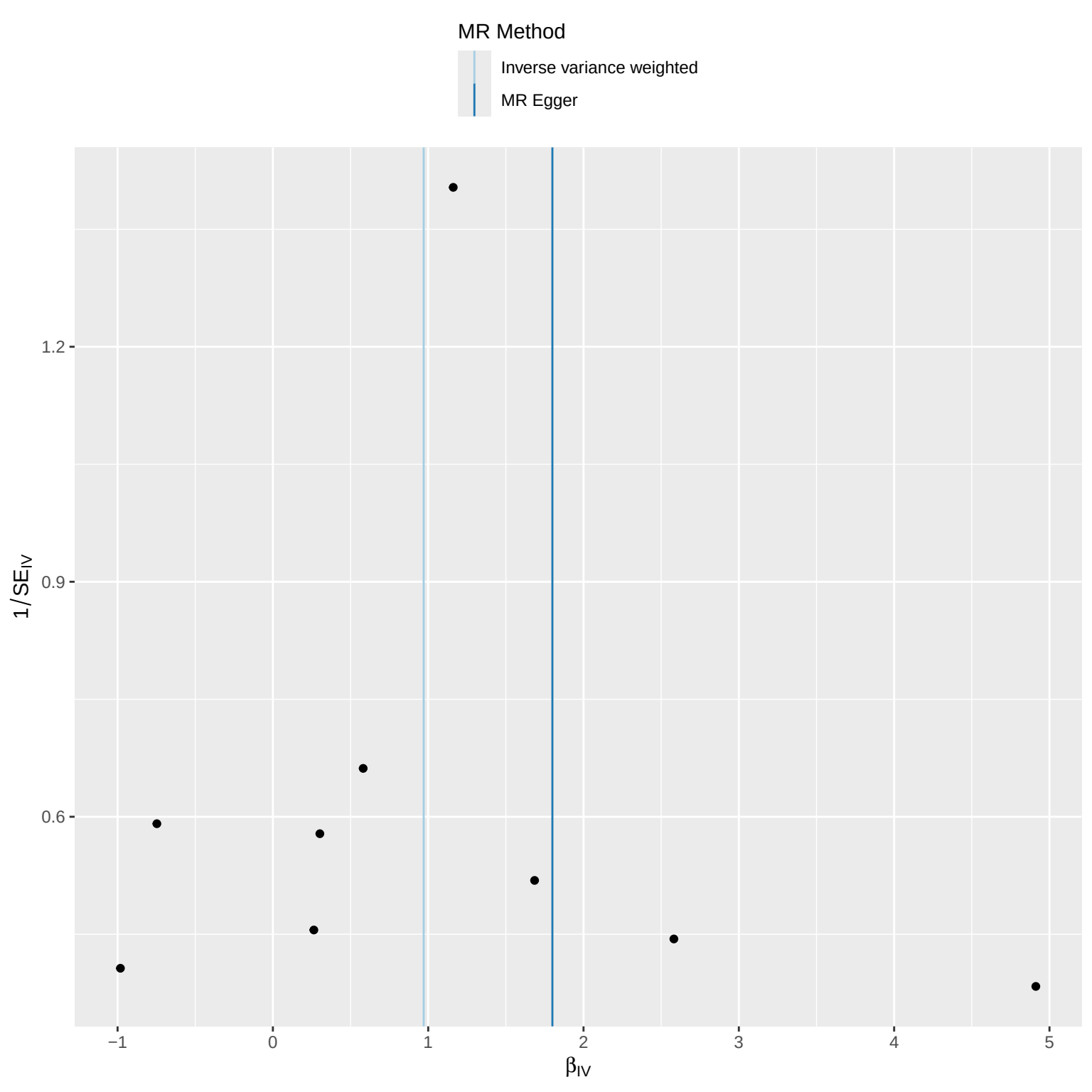

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

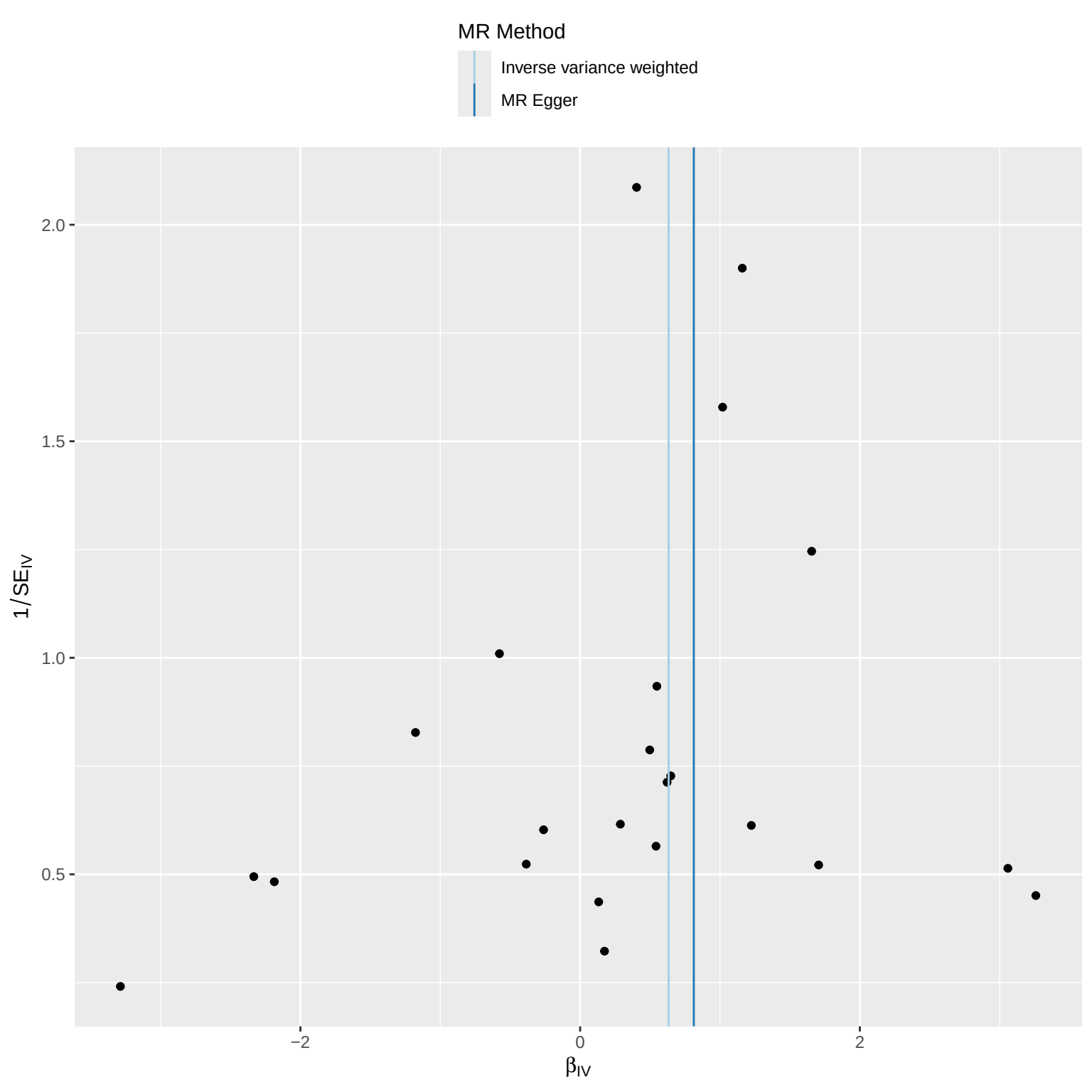

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

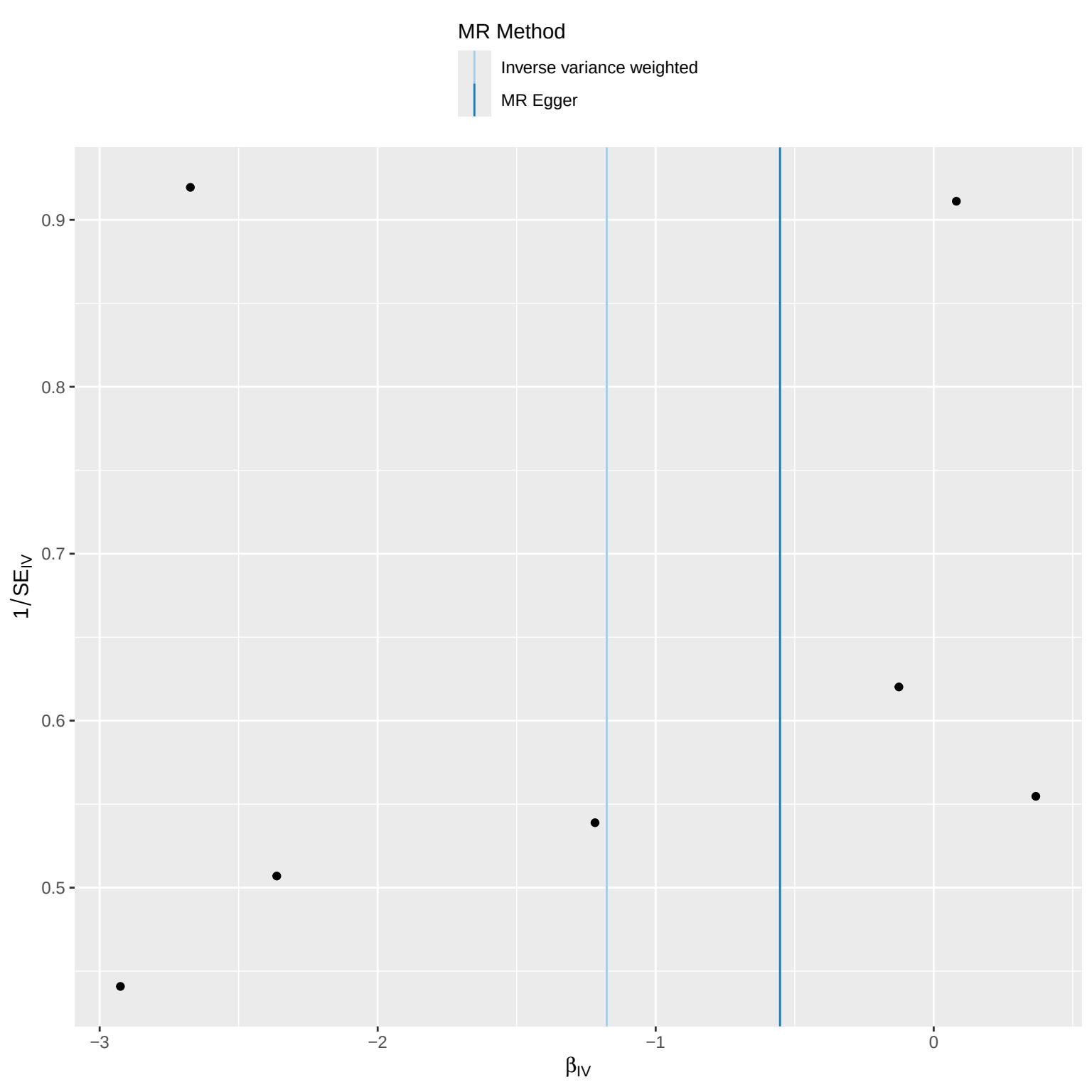

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

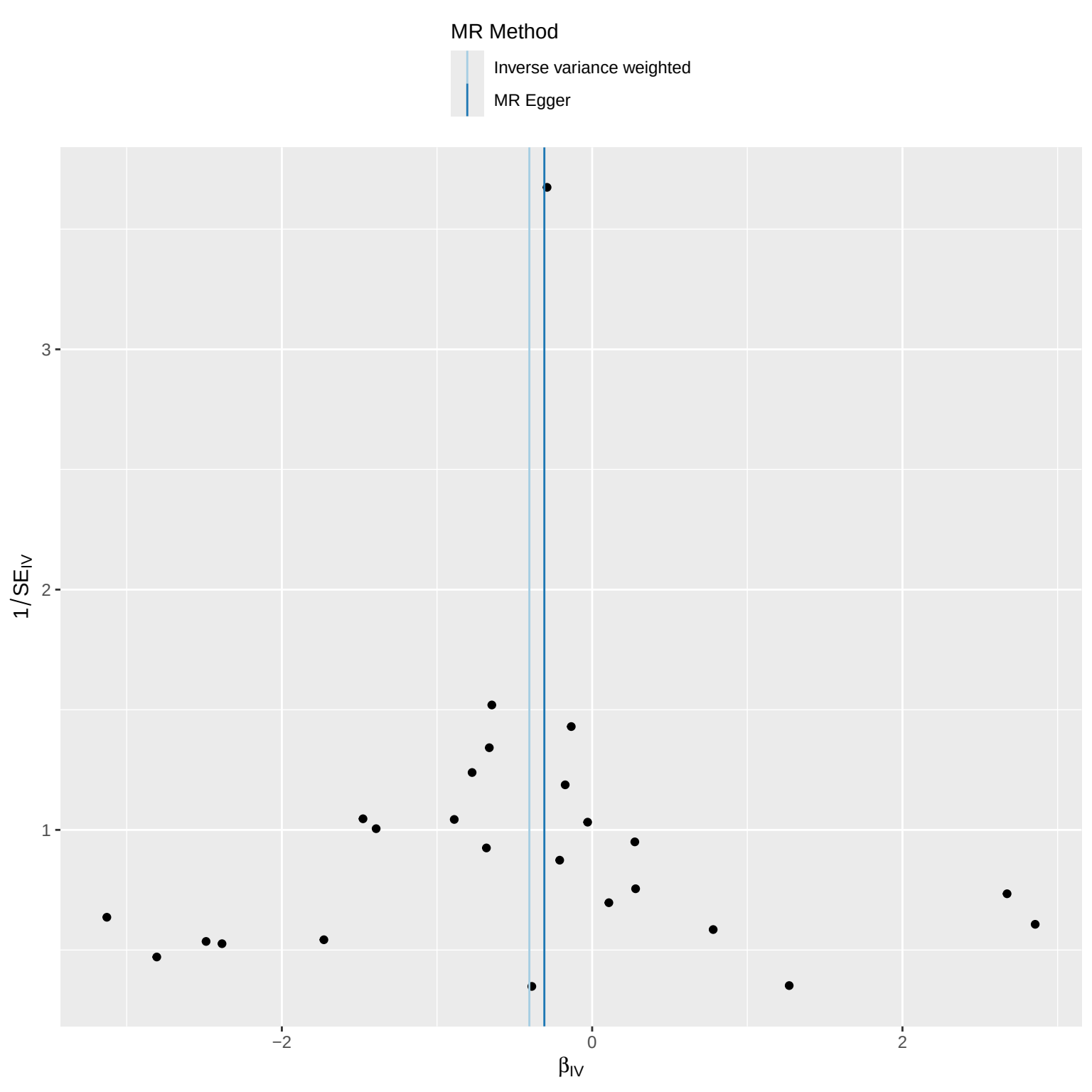

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
0
2
4
6
β_{IV}

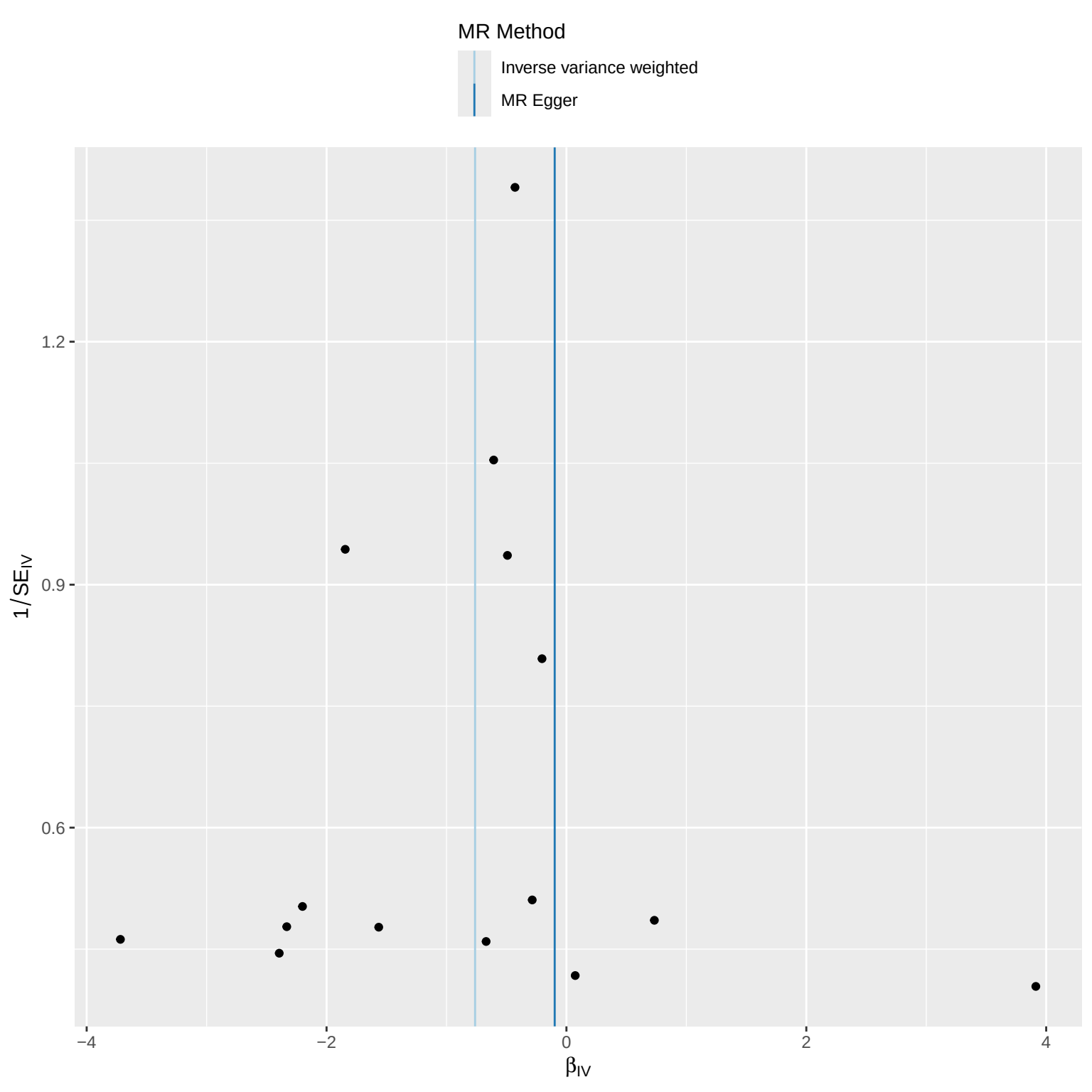

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
0
2
4
β_IV

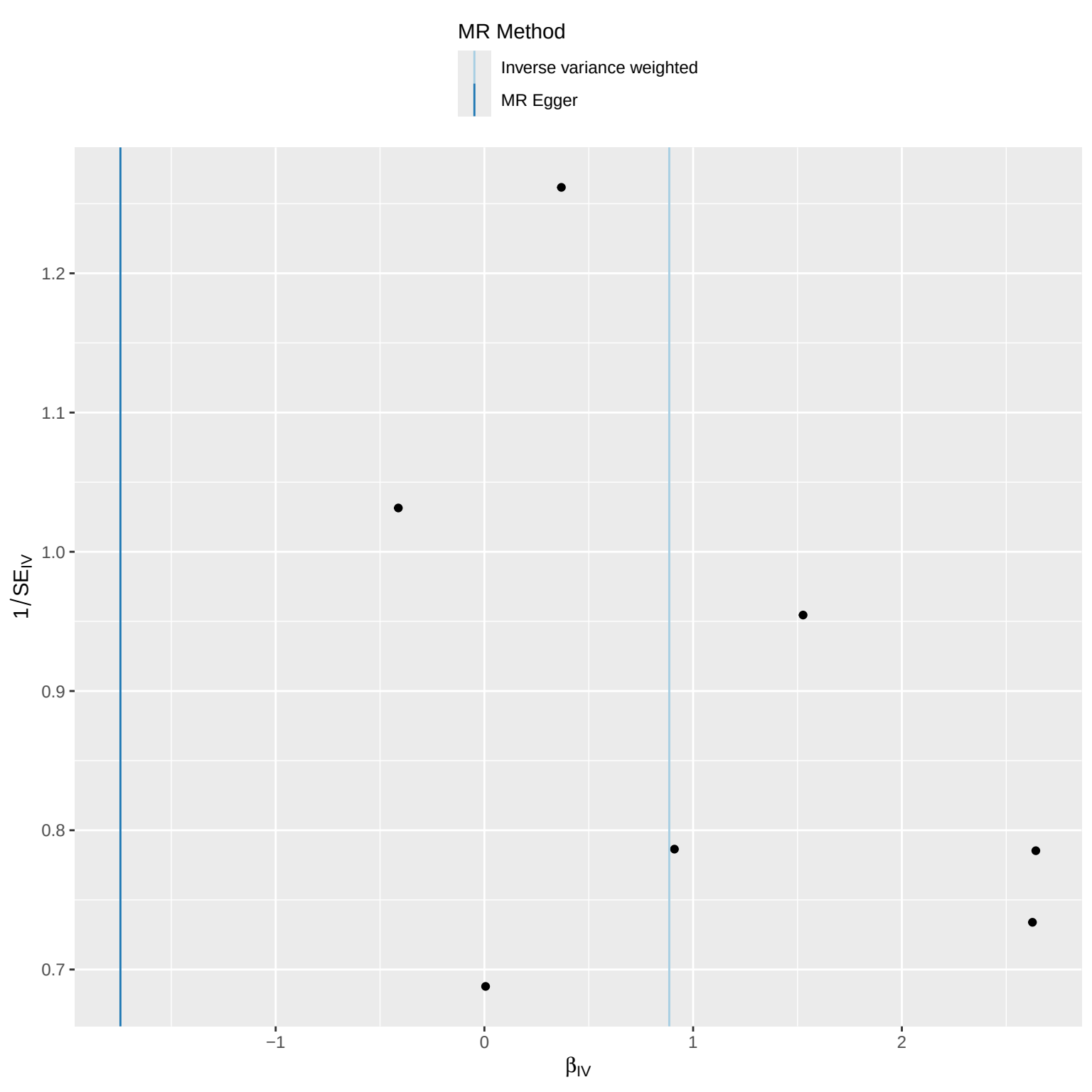

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
3
4
5
β_IV

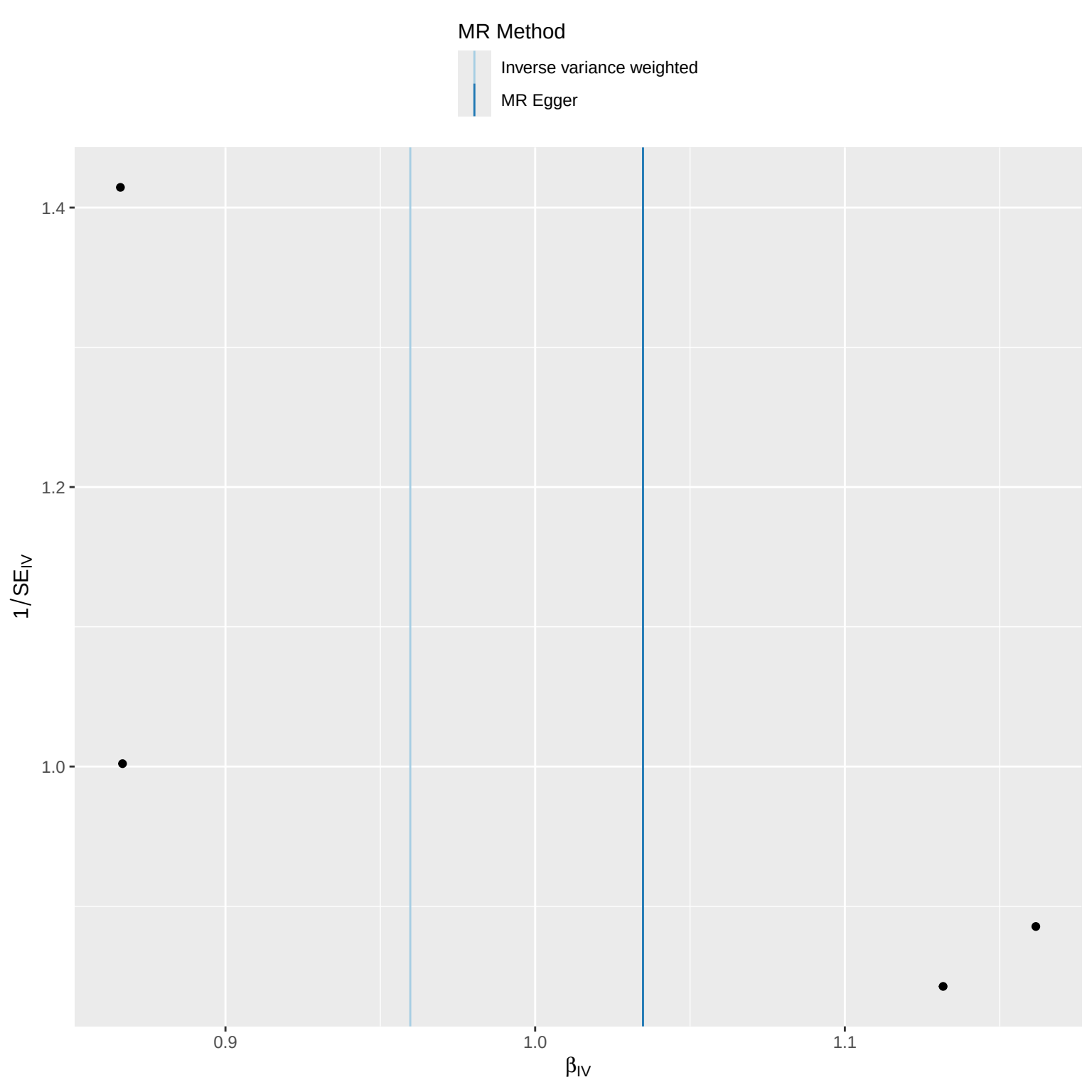

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

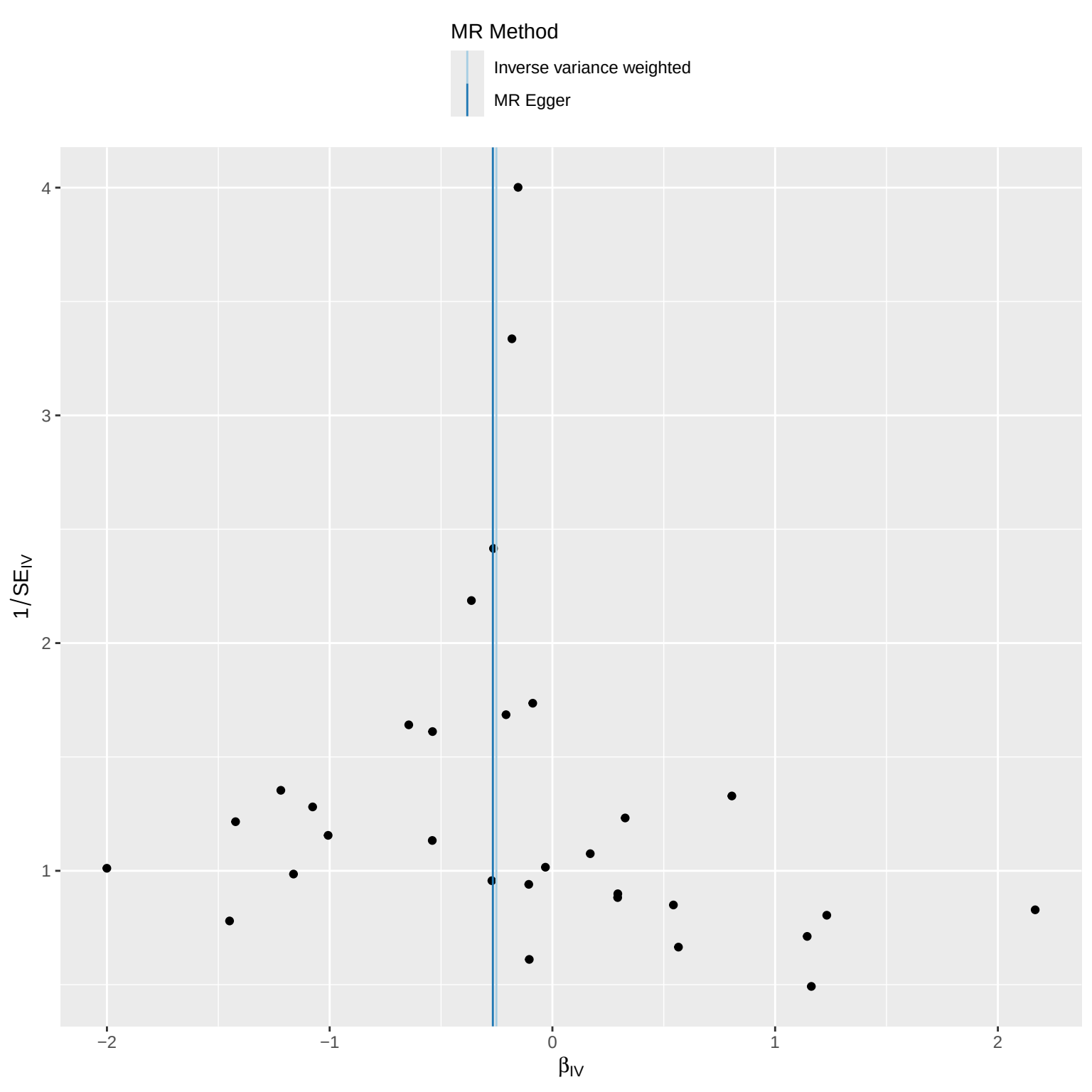

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−3
−2
−1
0
β_IV

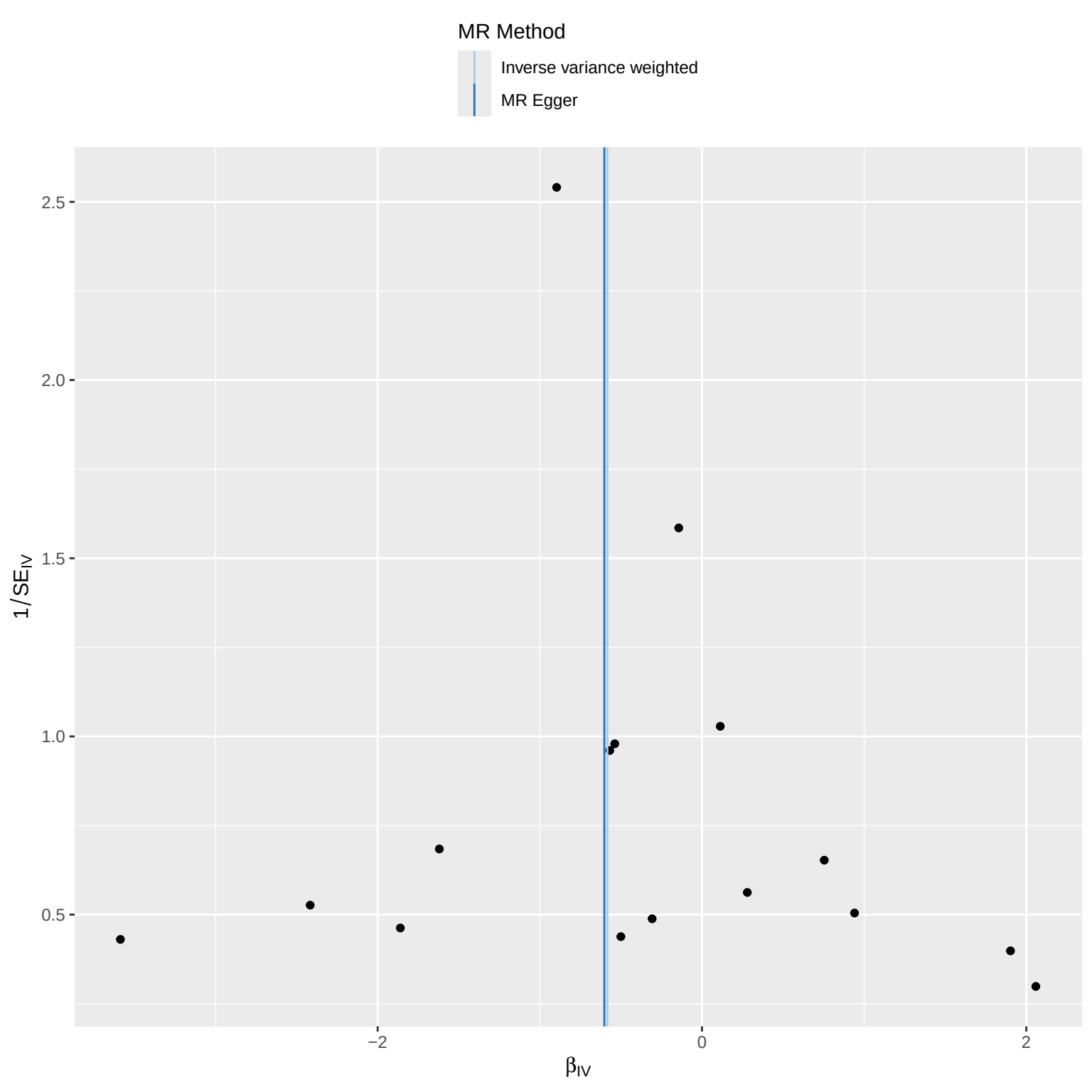

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

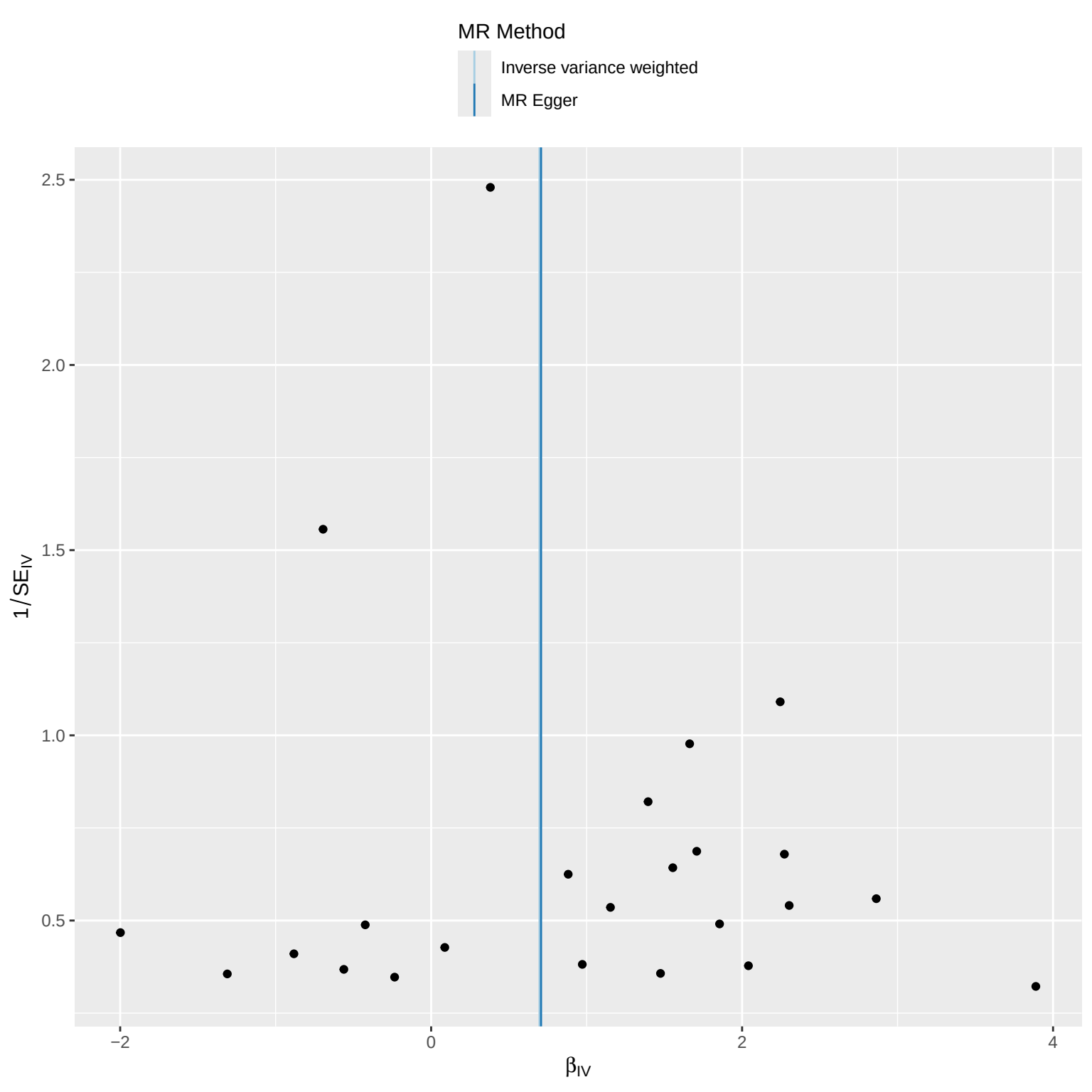

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−4
−2
0
2
4
β_IV

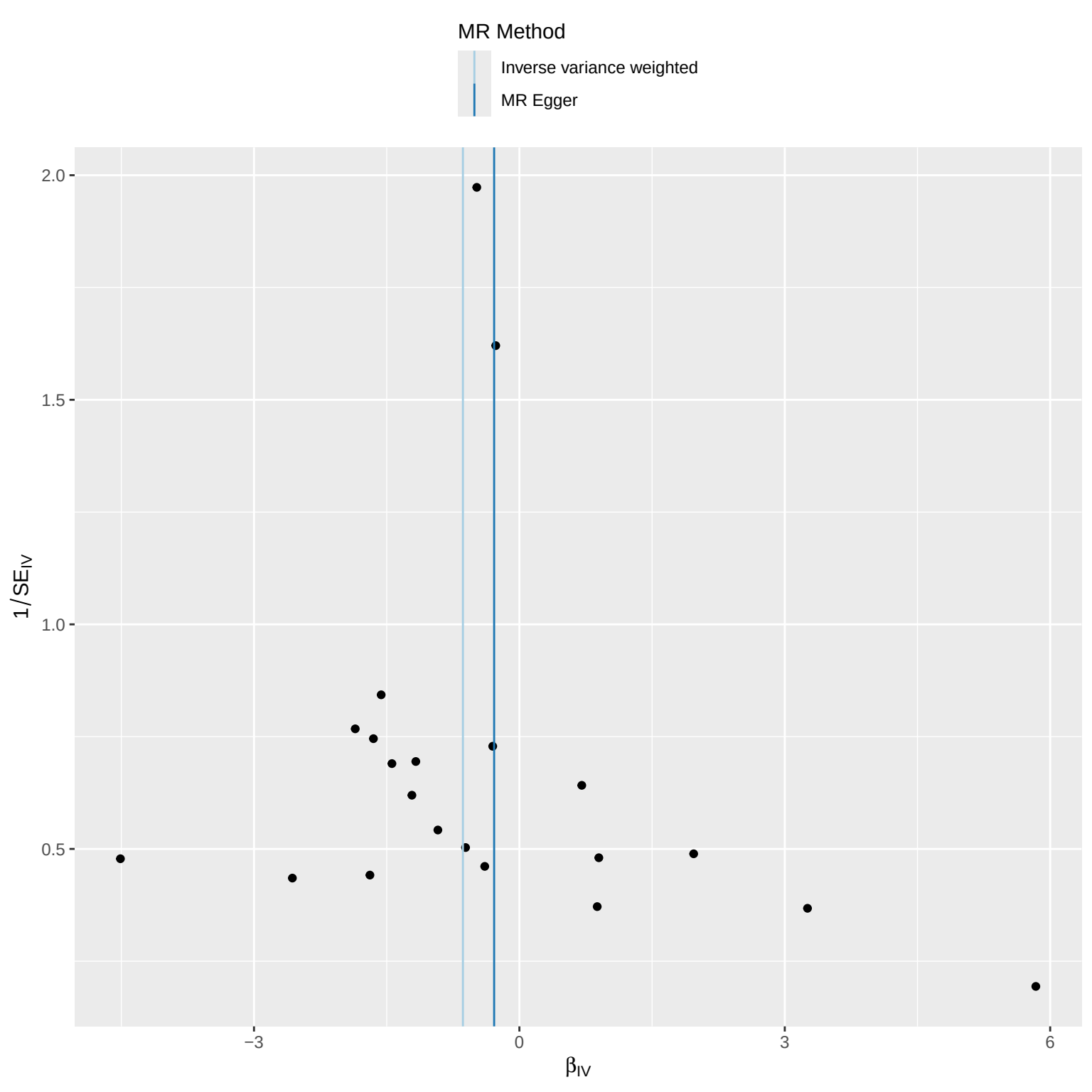

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
0.9
0.8
0.7
1/SE_IV
−1
0
1
2
β_IV

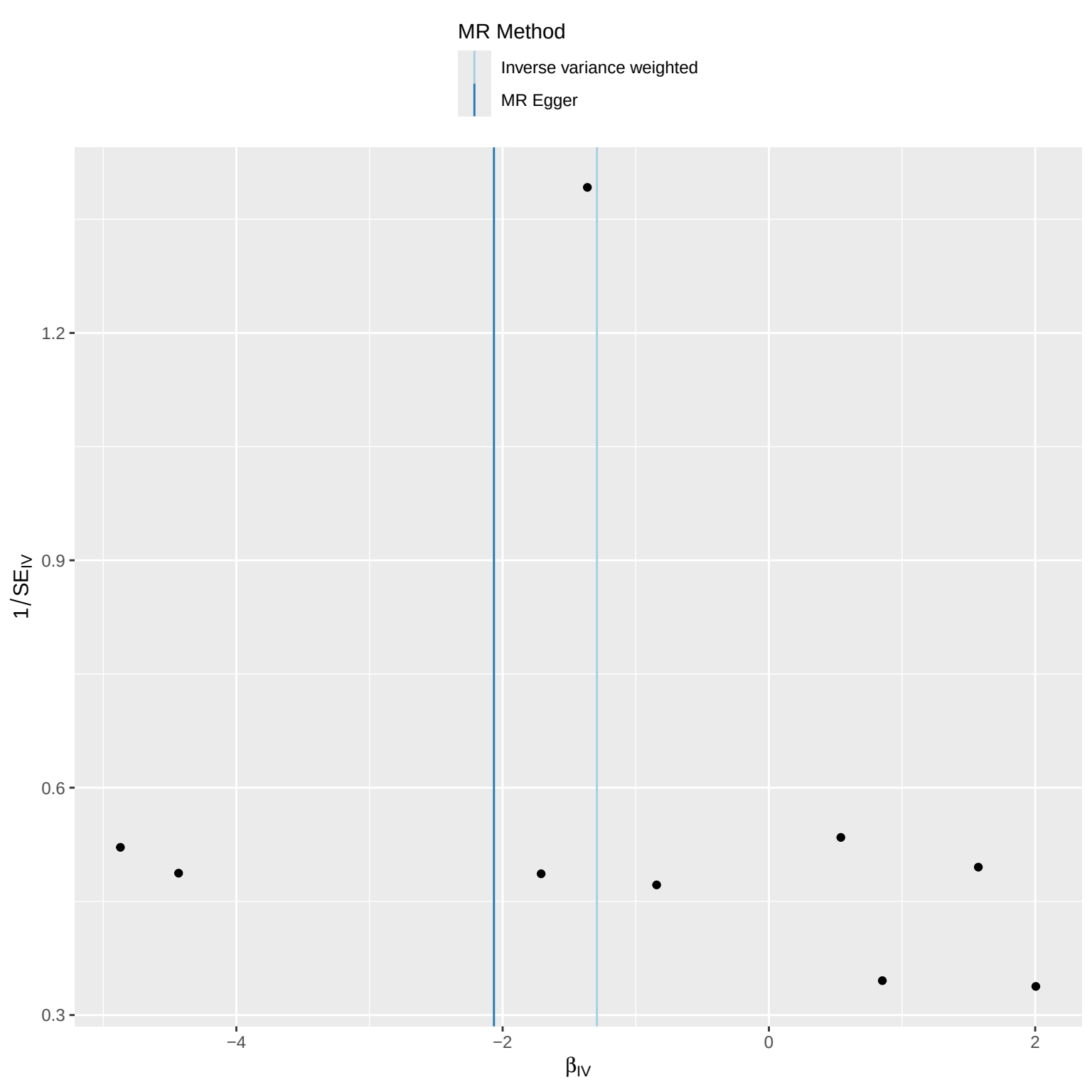

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
1/SE_IV
0.9
1.0
1.1
β_IV

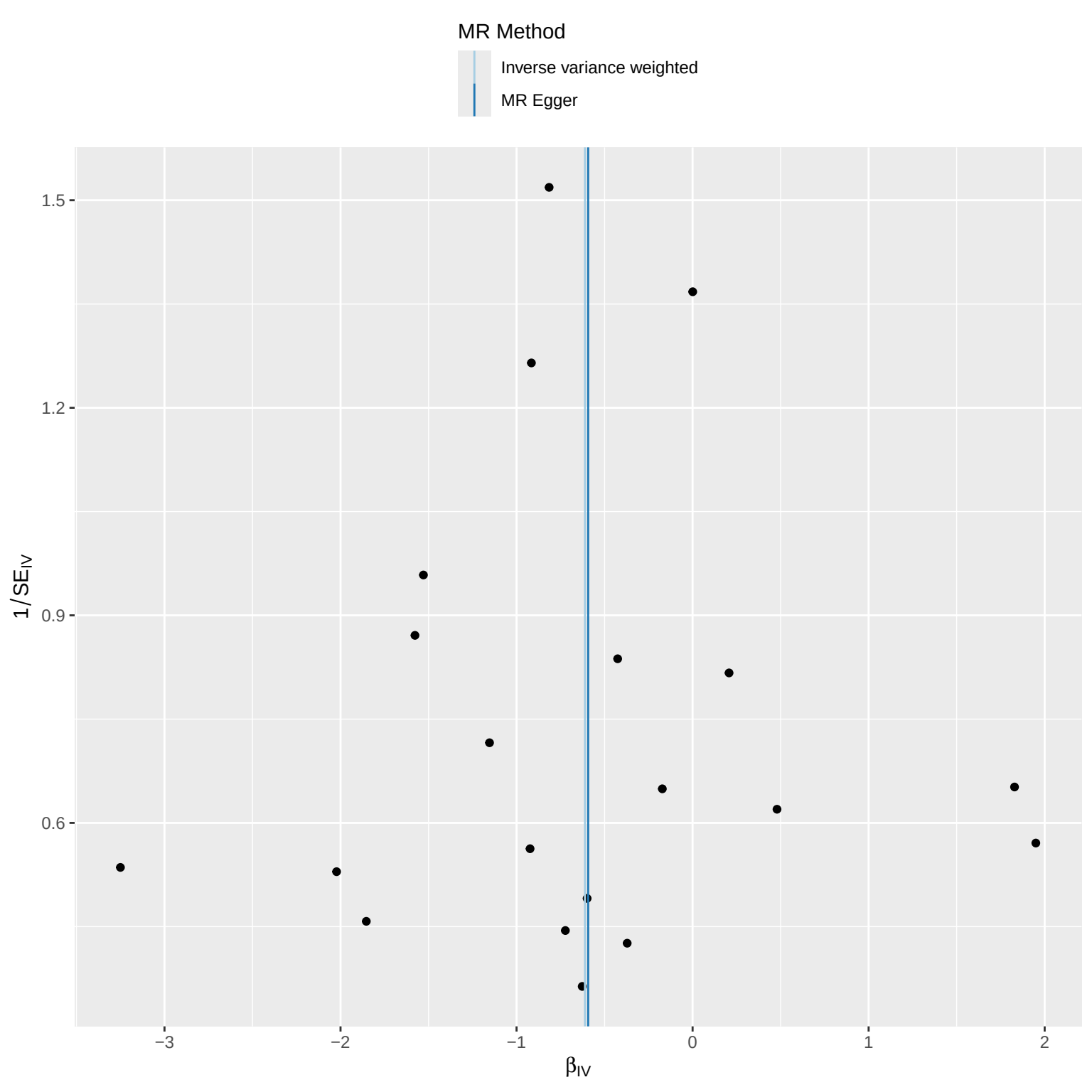

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

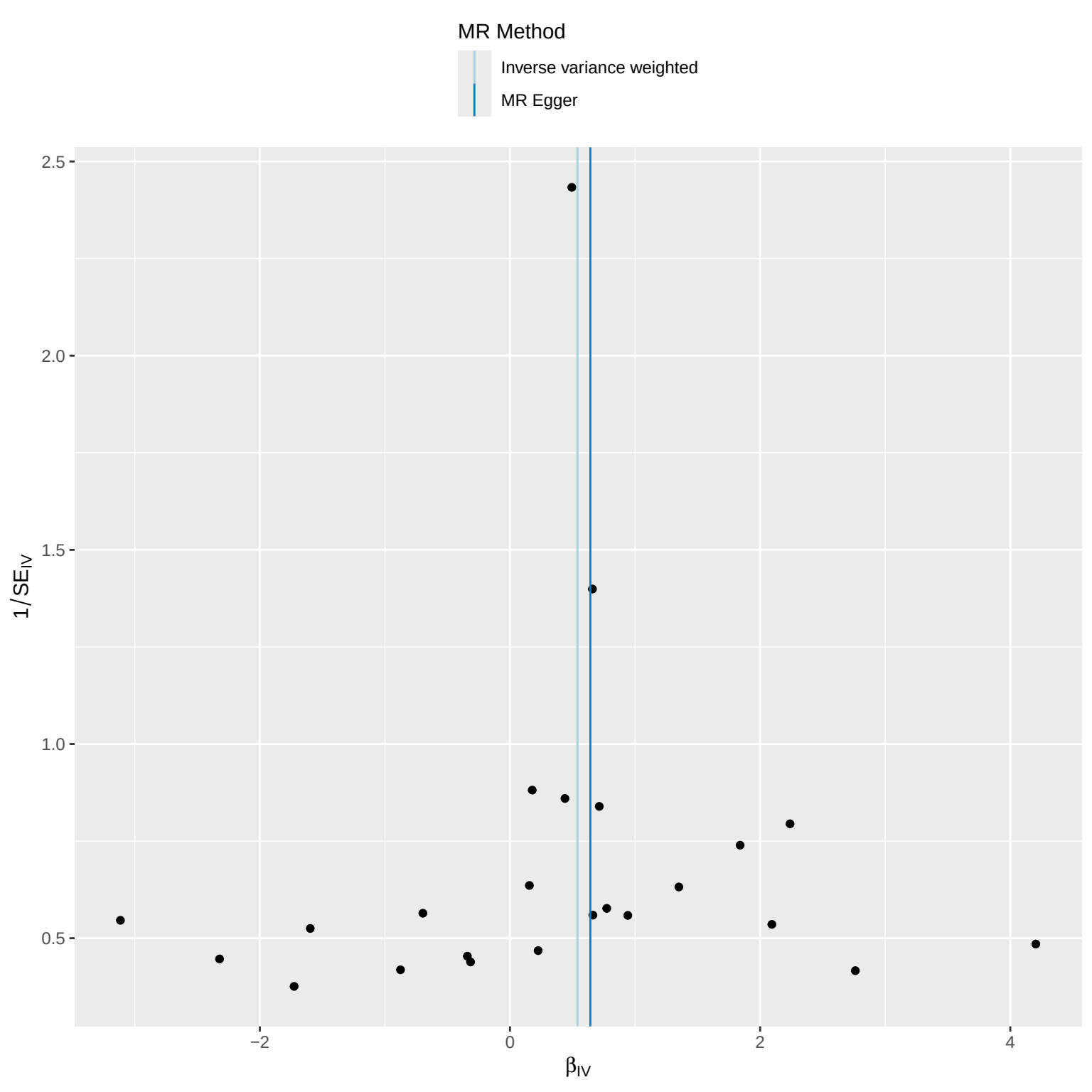

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

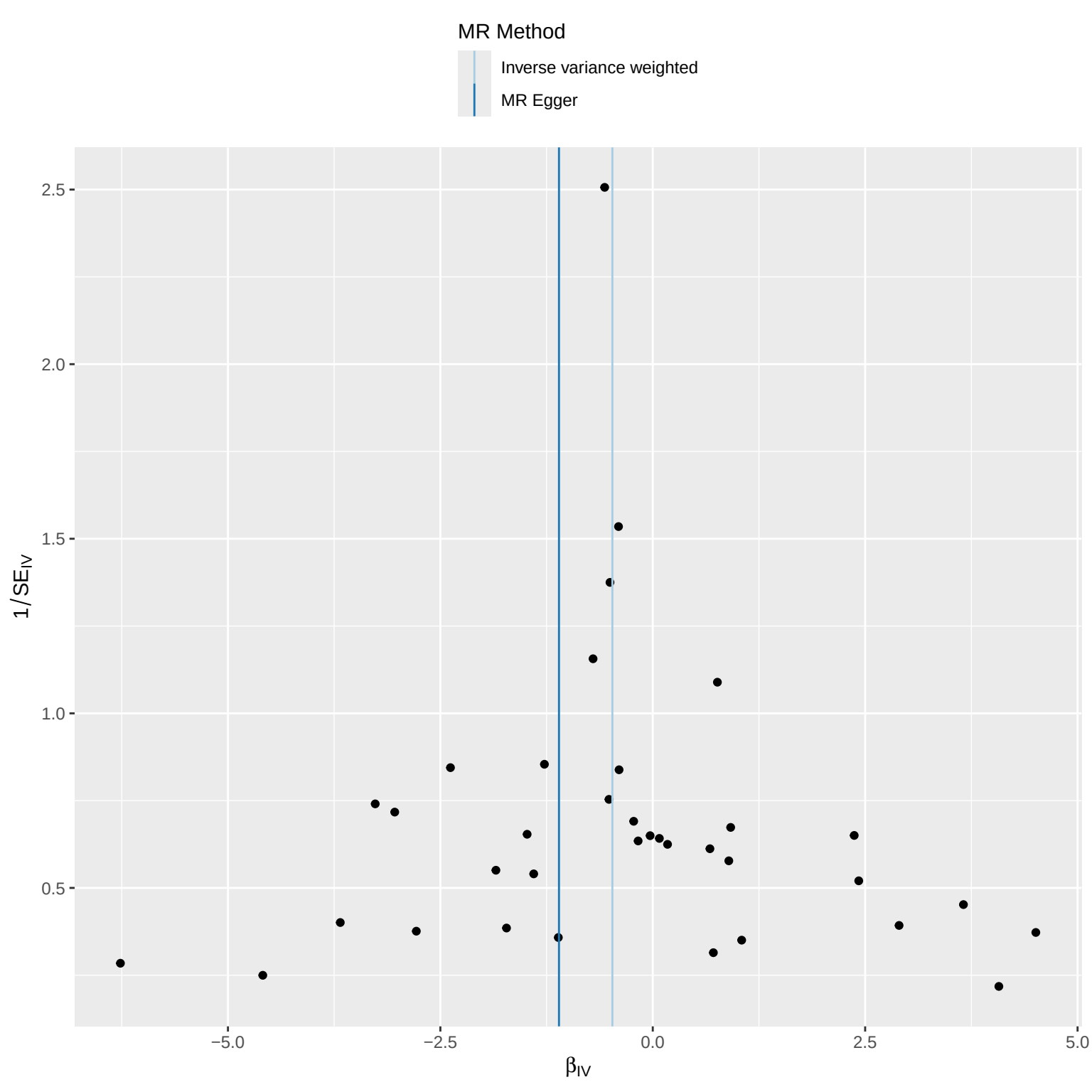

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

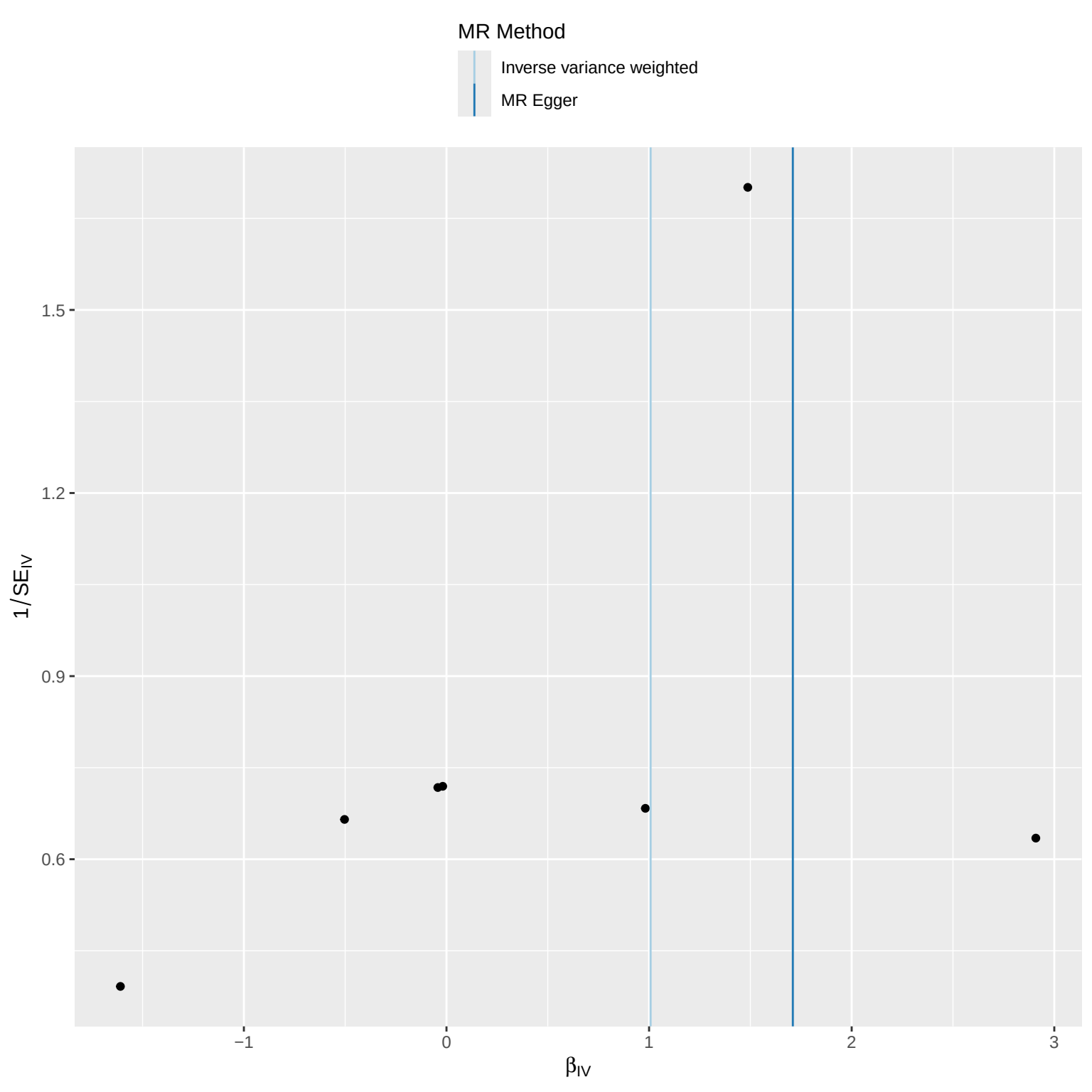

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
0
3
6
β_IV

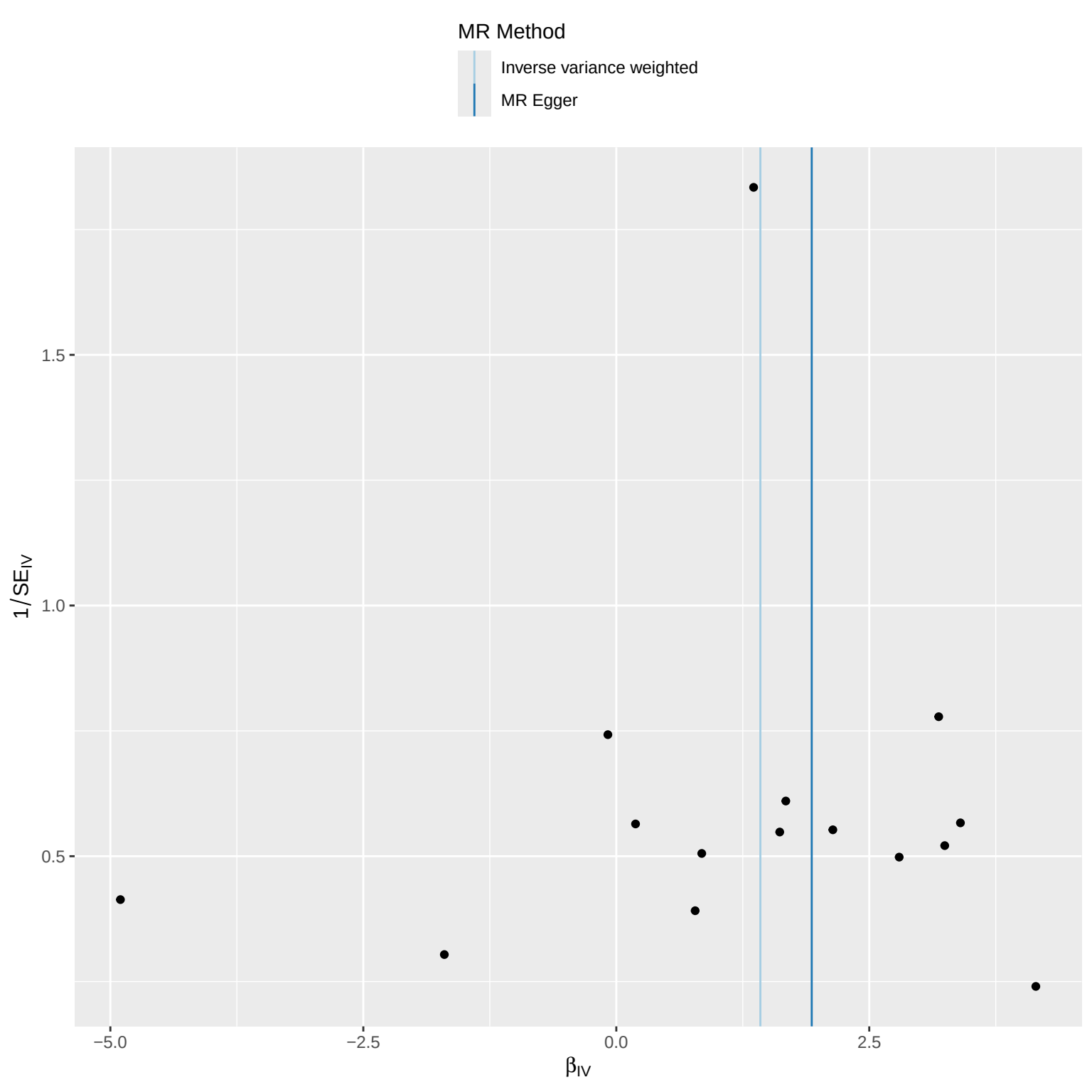

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

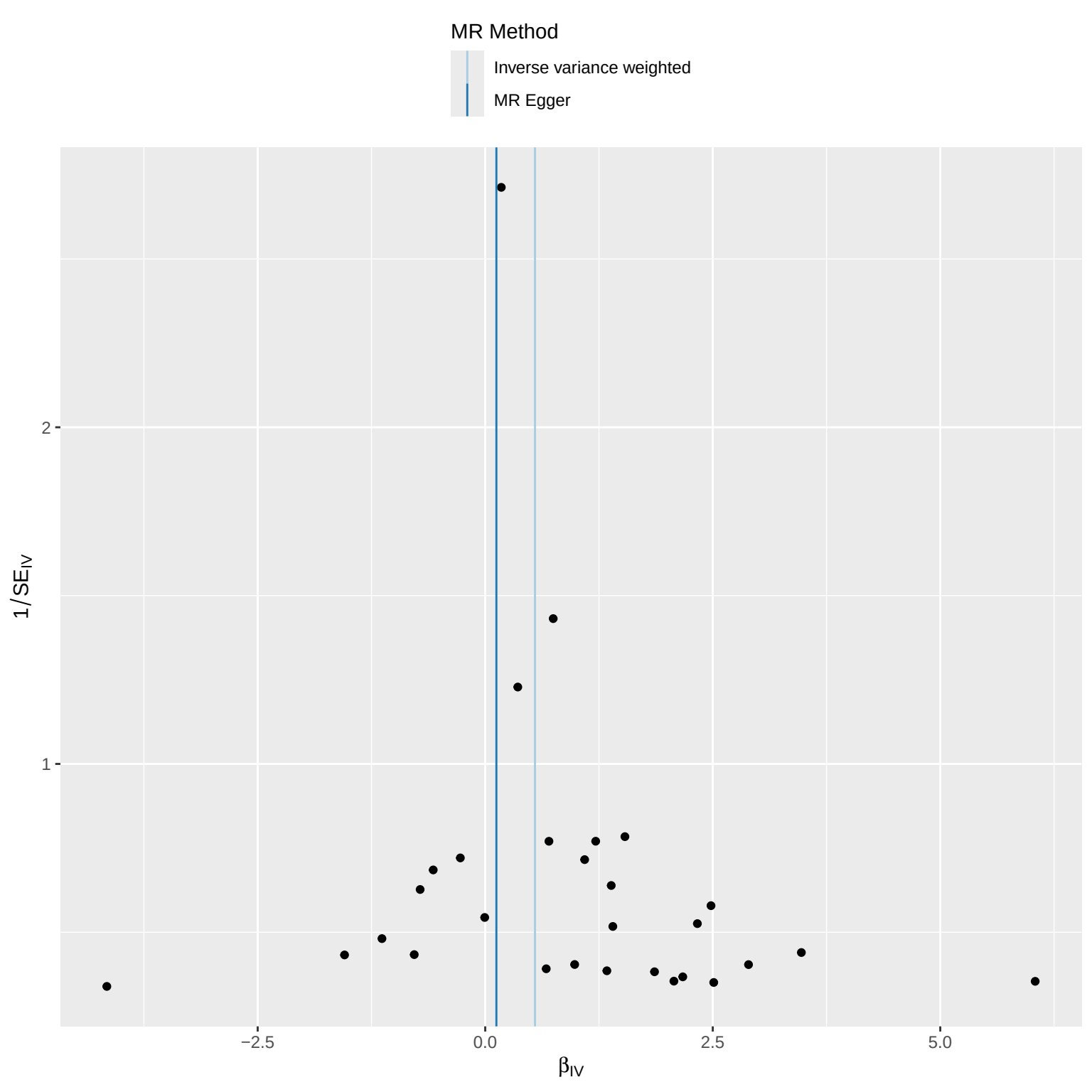

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
1
2
β_IV

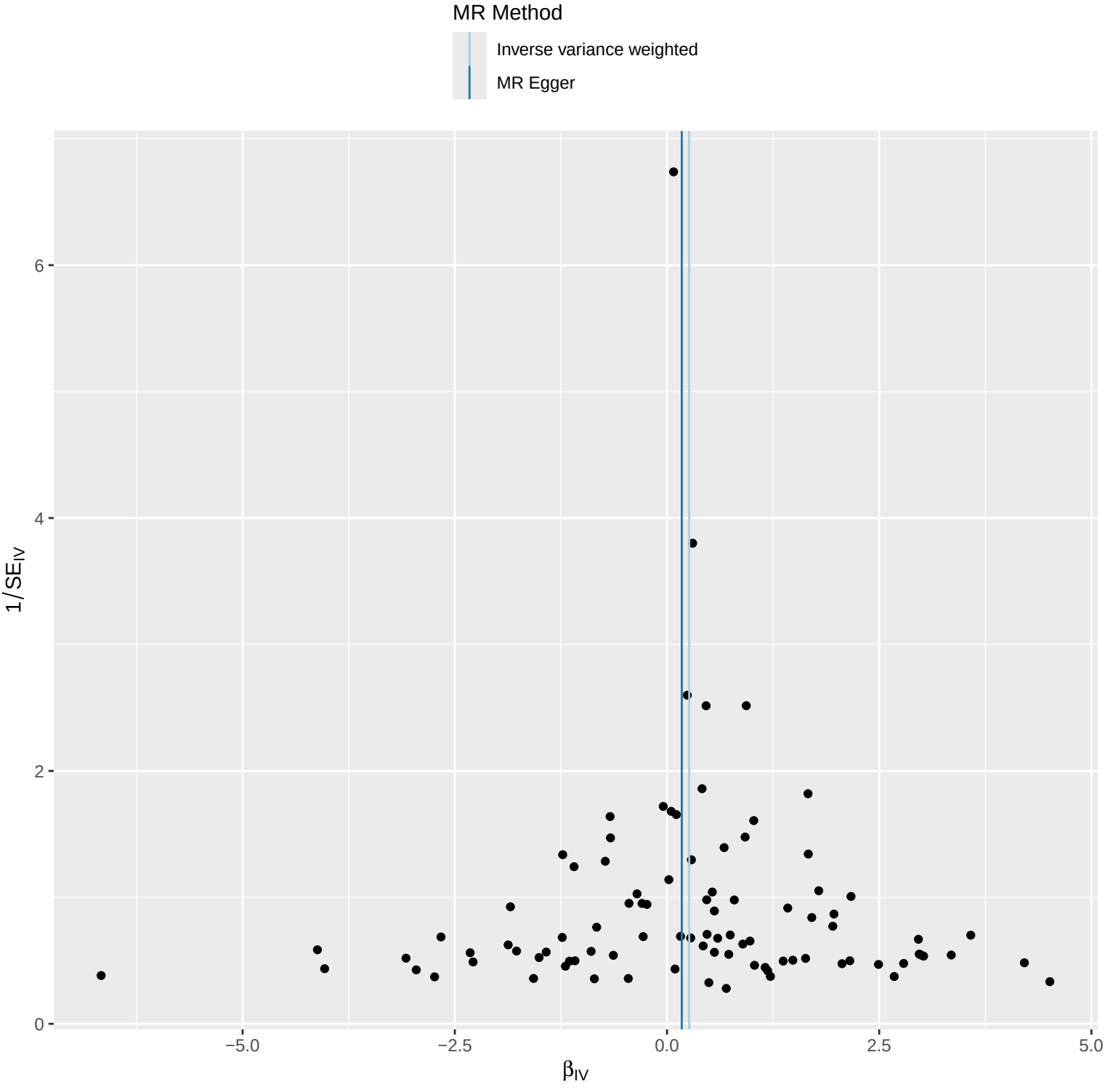

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

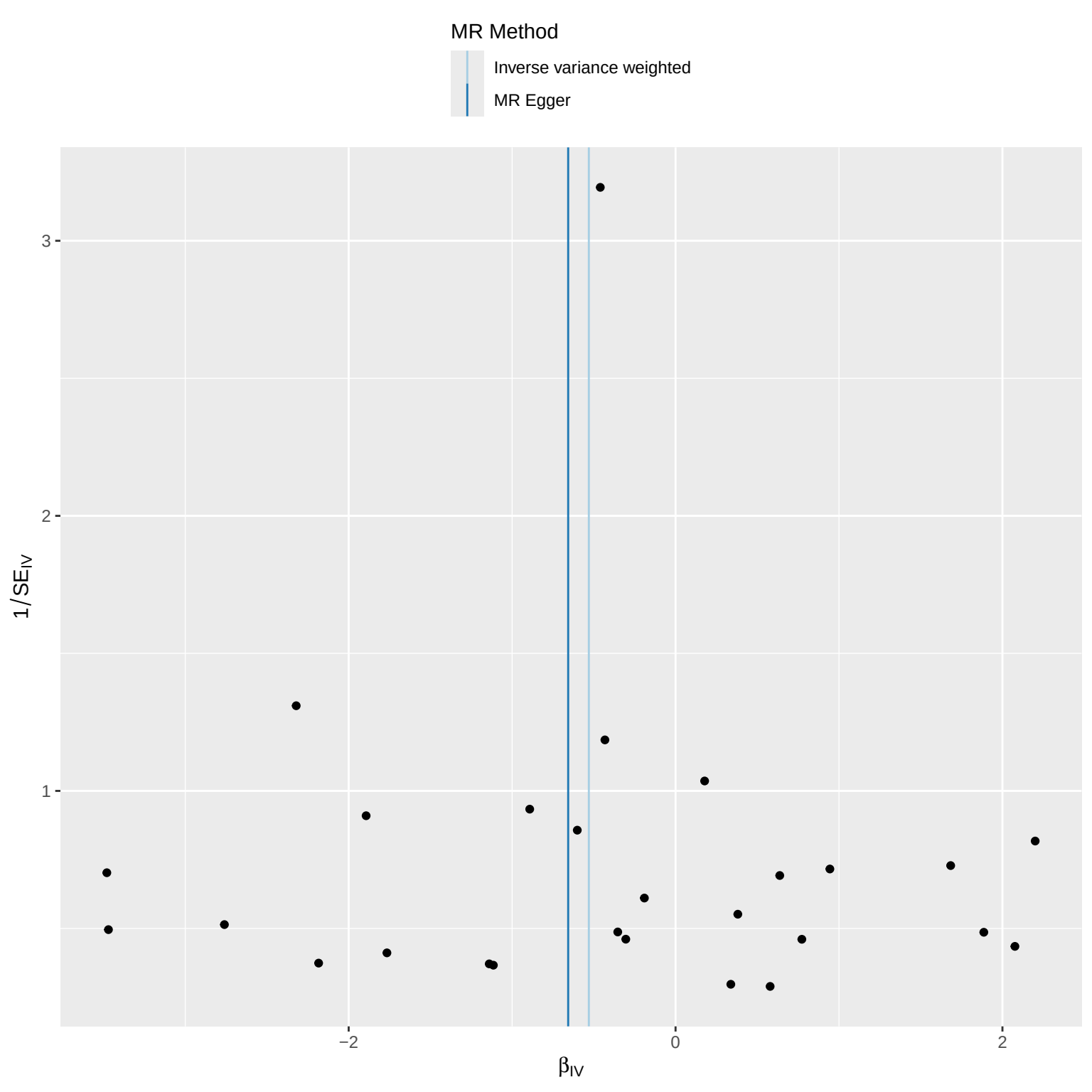

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

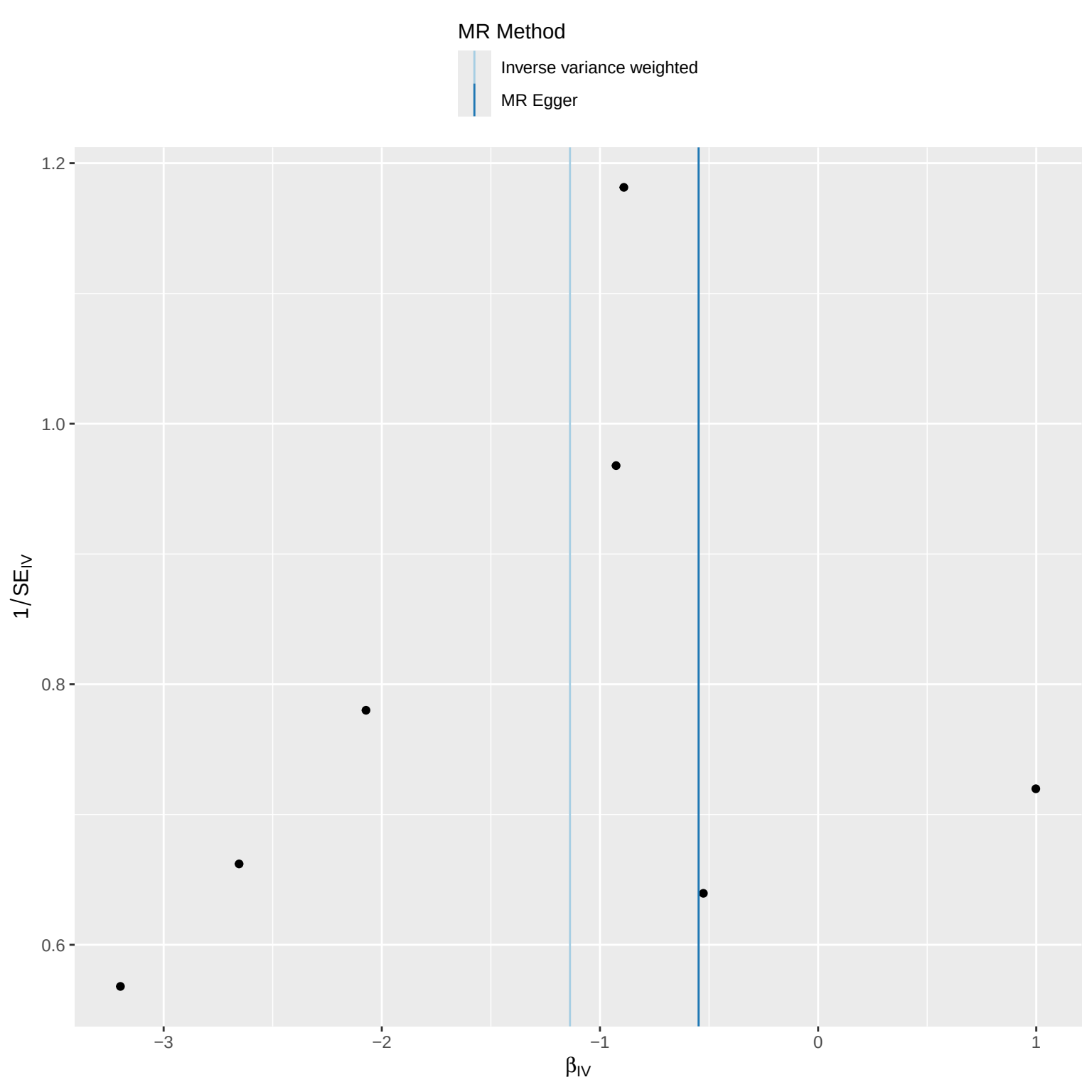

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
3
β_IV

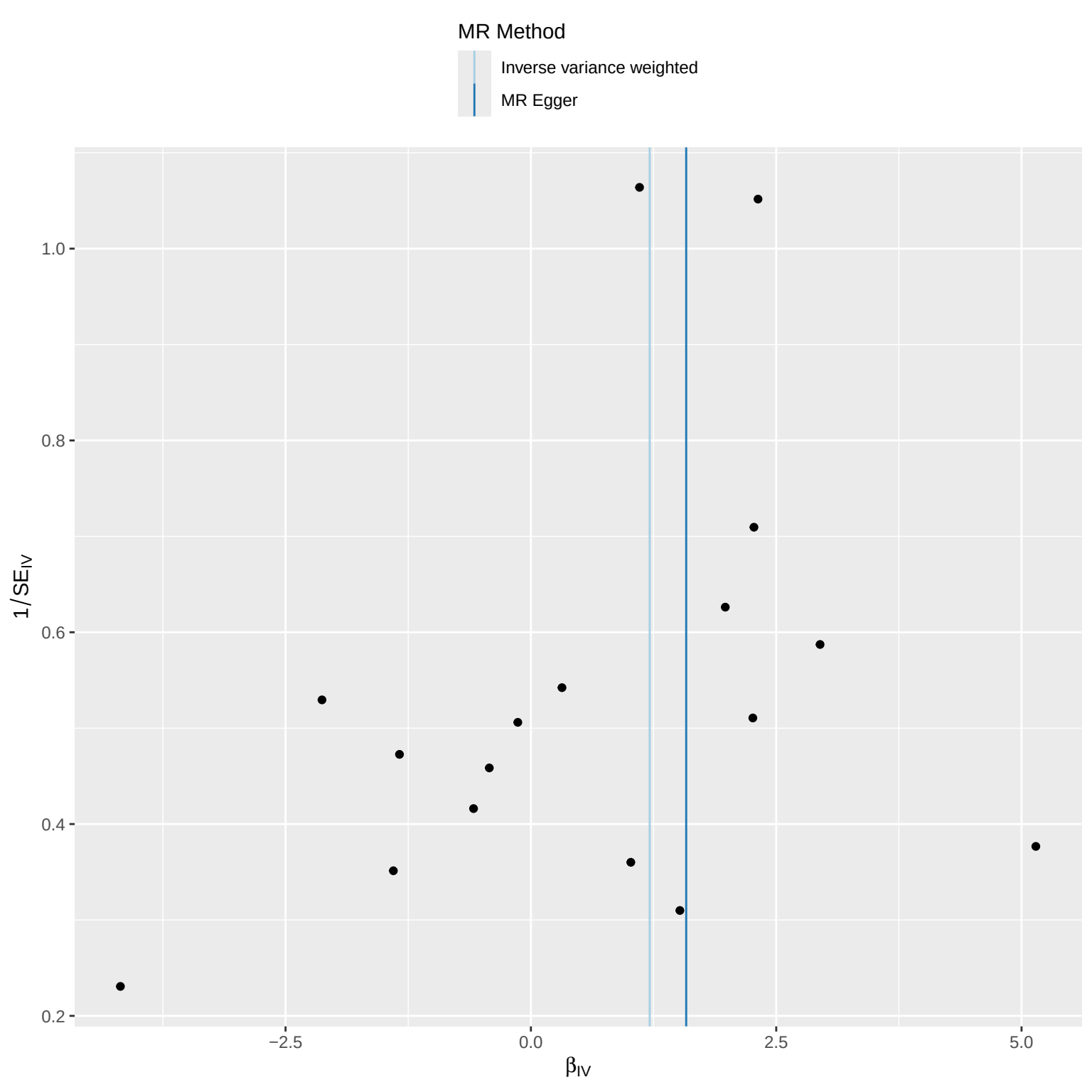

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

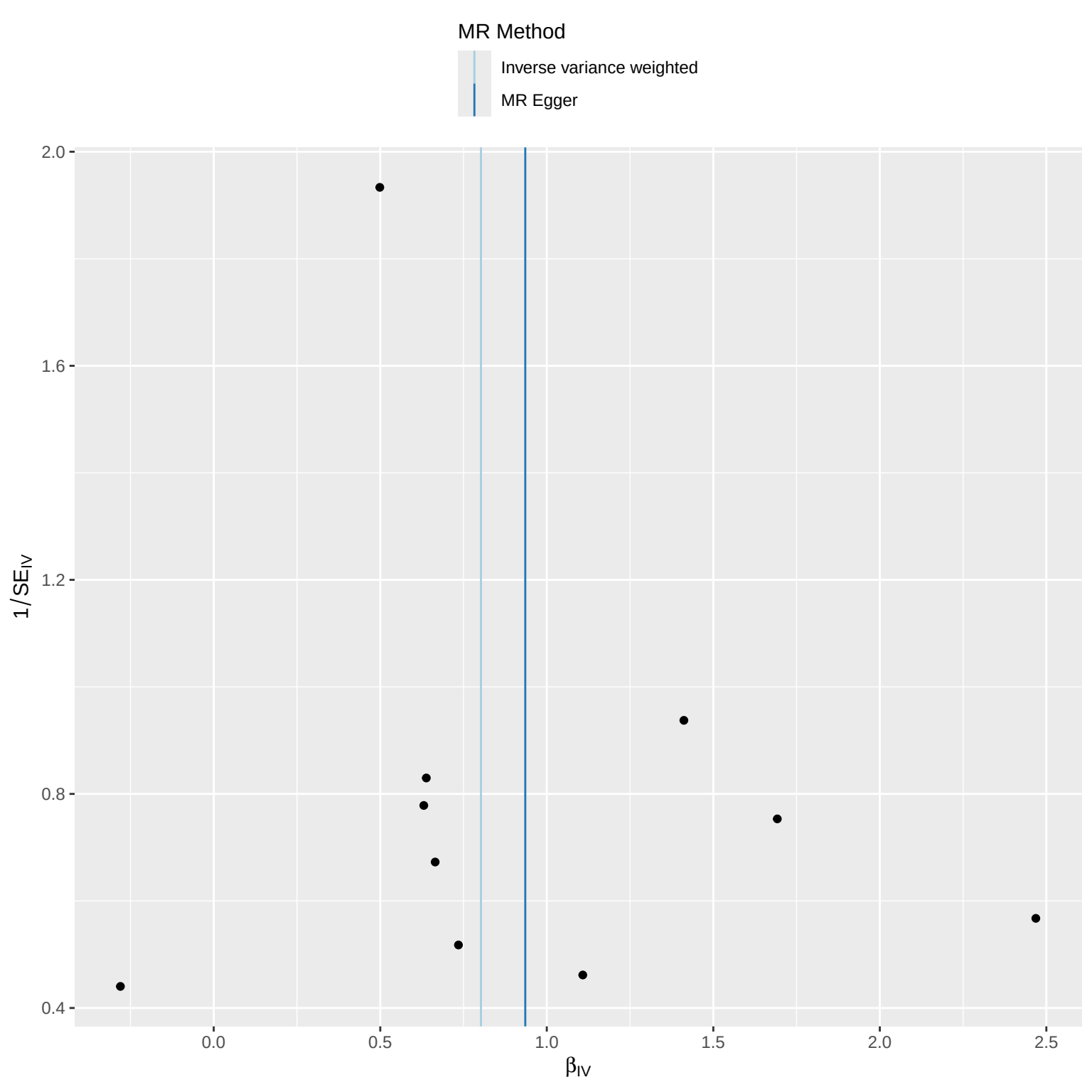

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

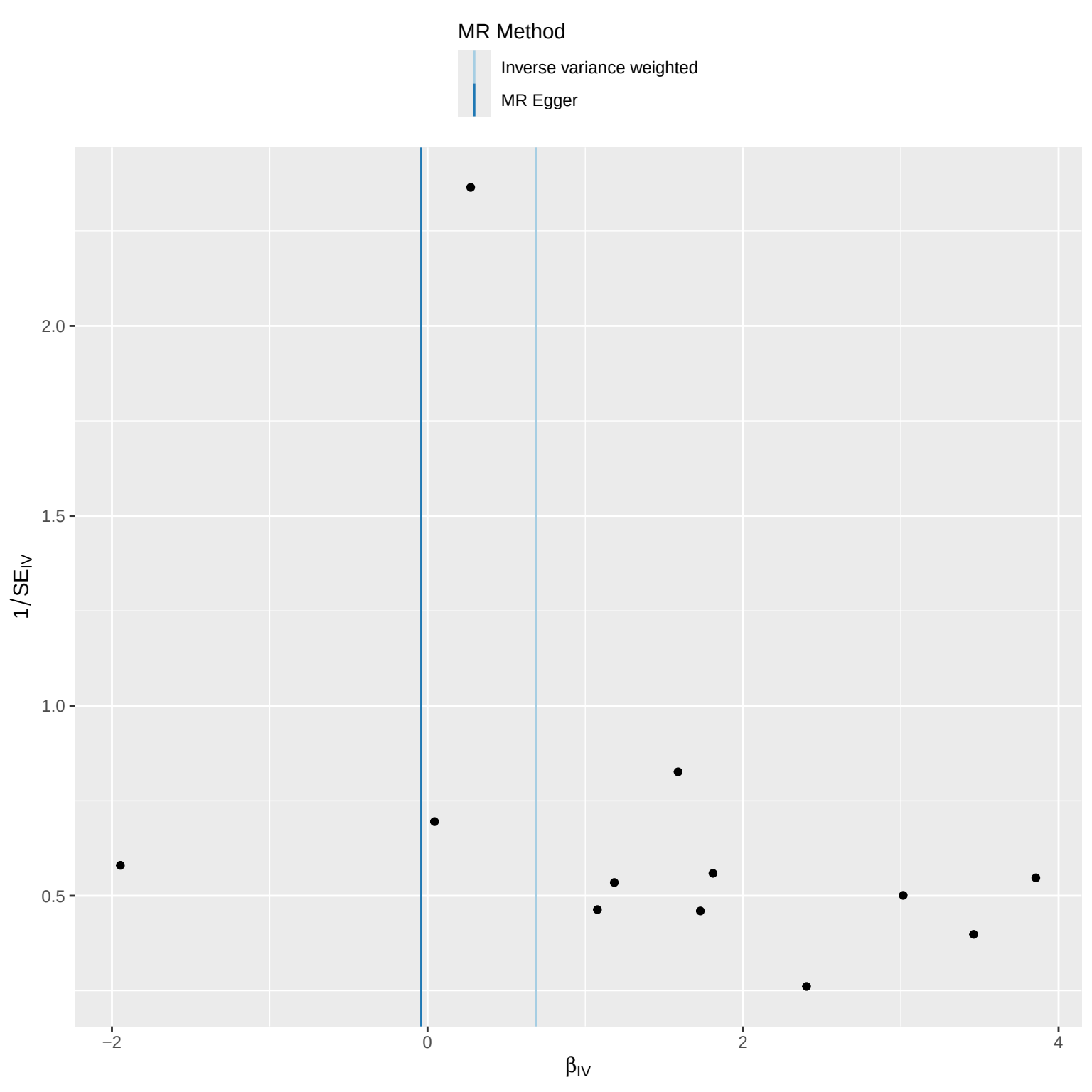

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

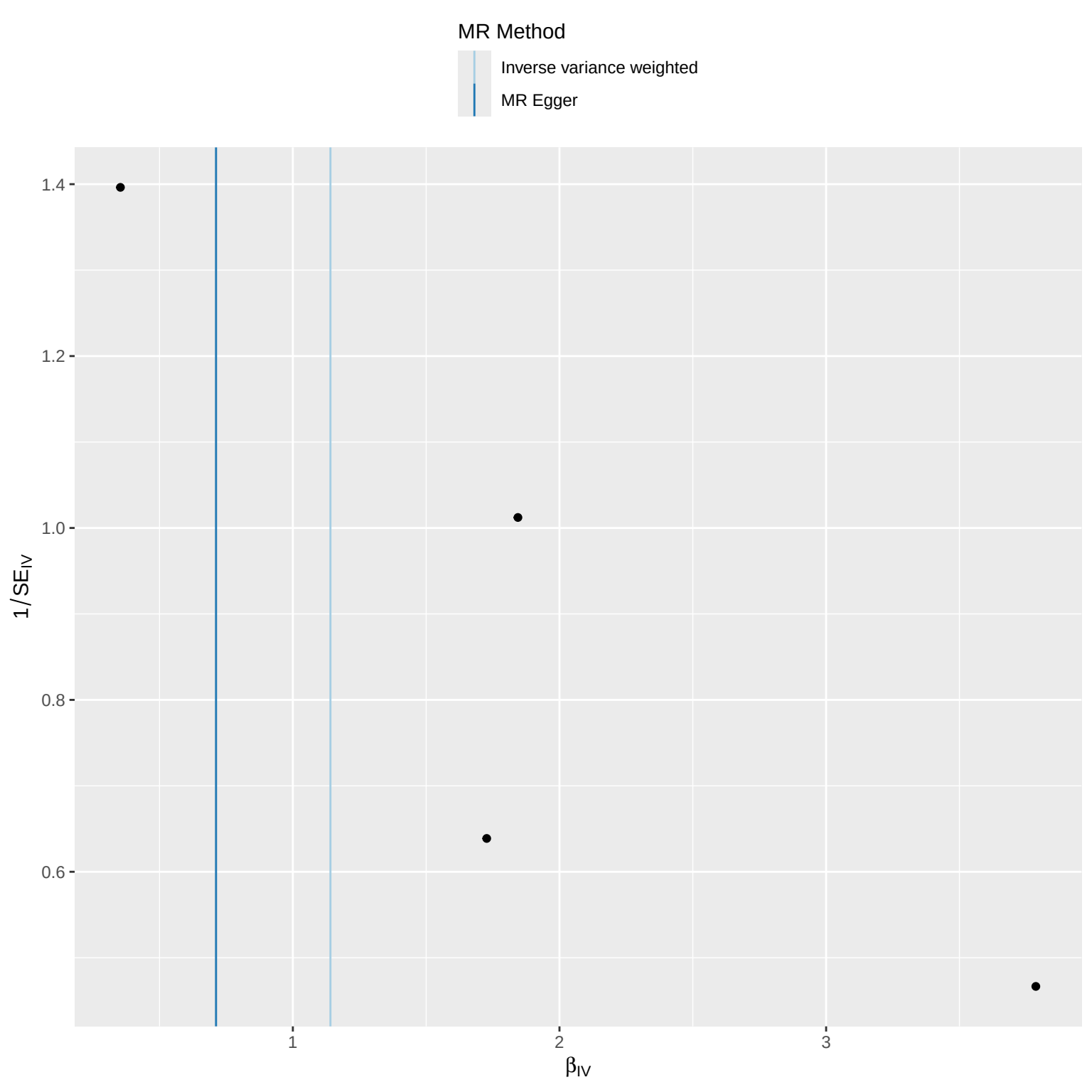

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

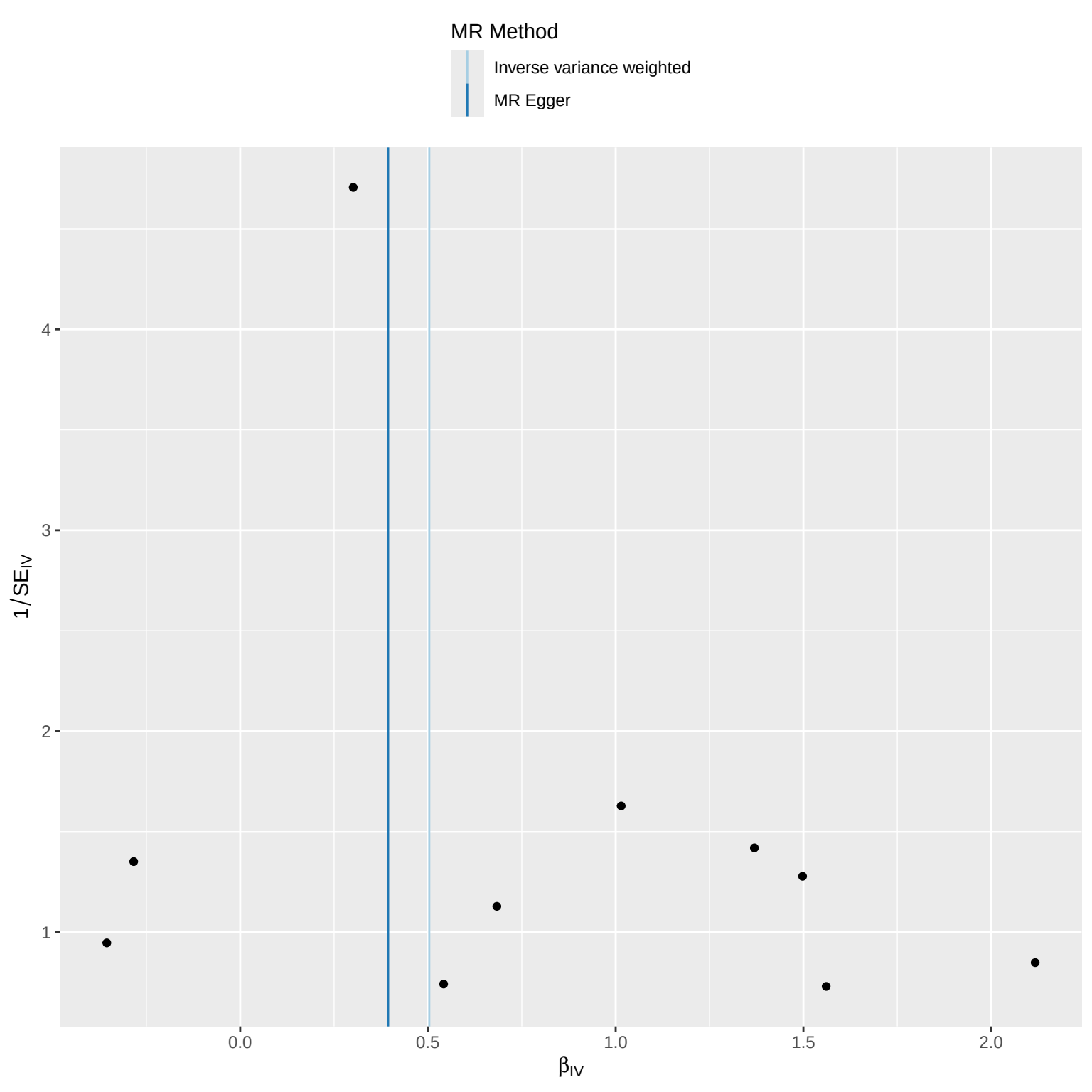

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

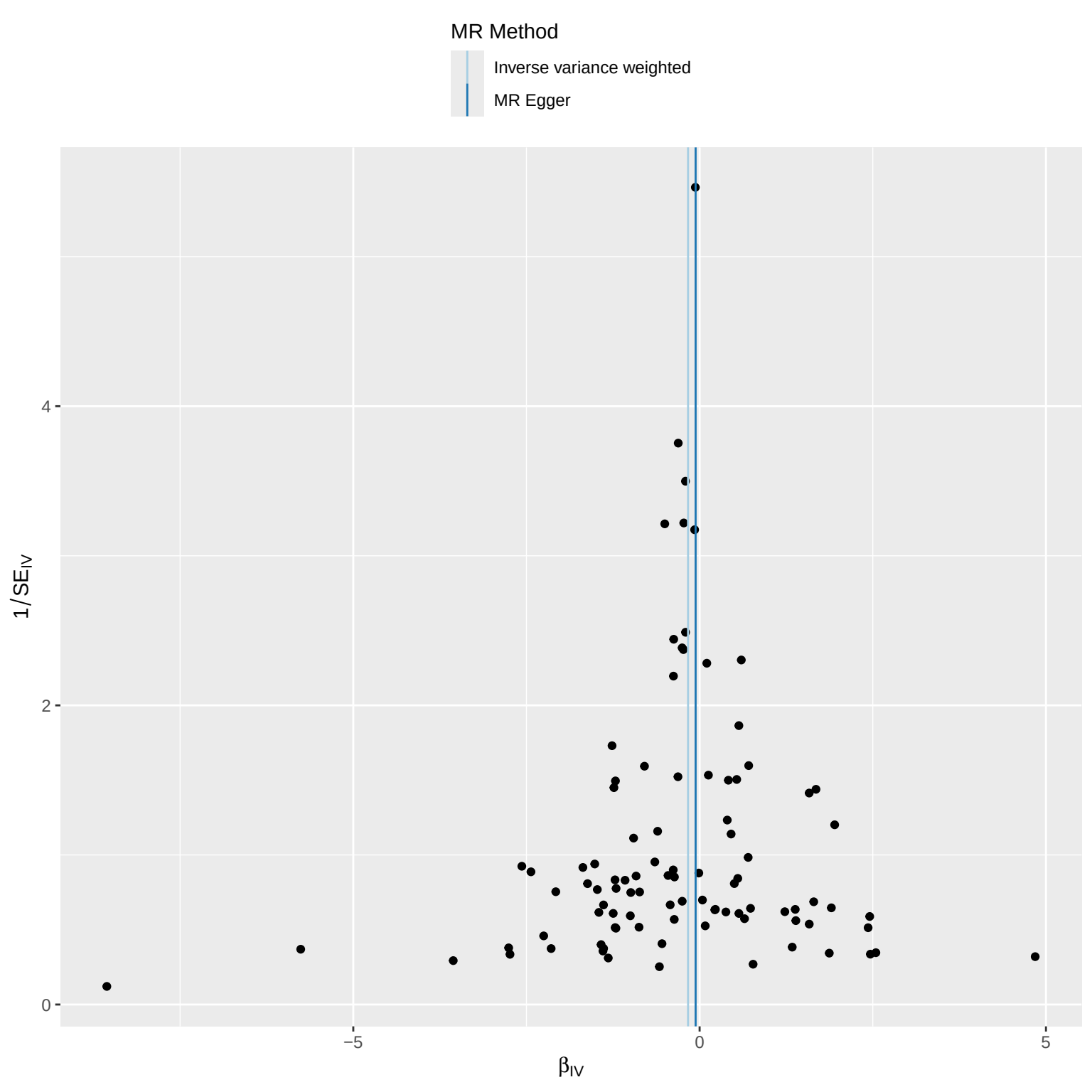

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
0.2
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

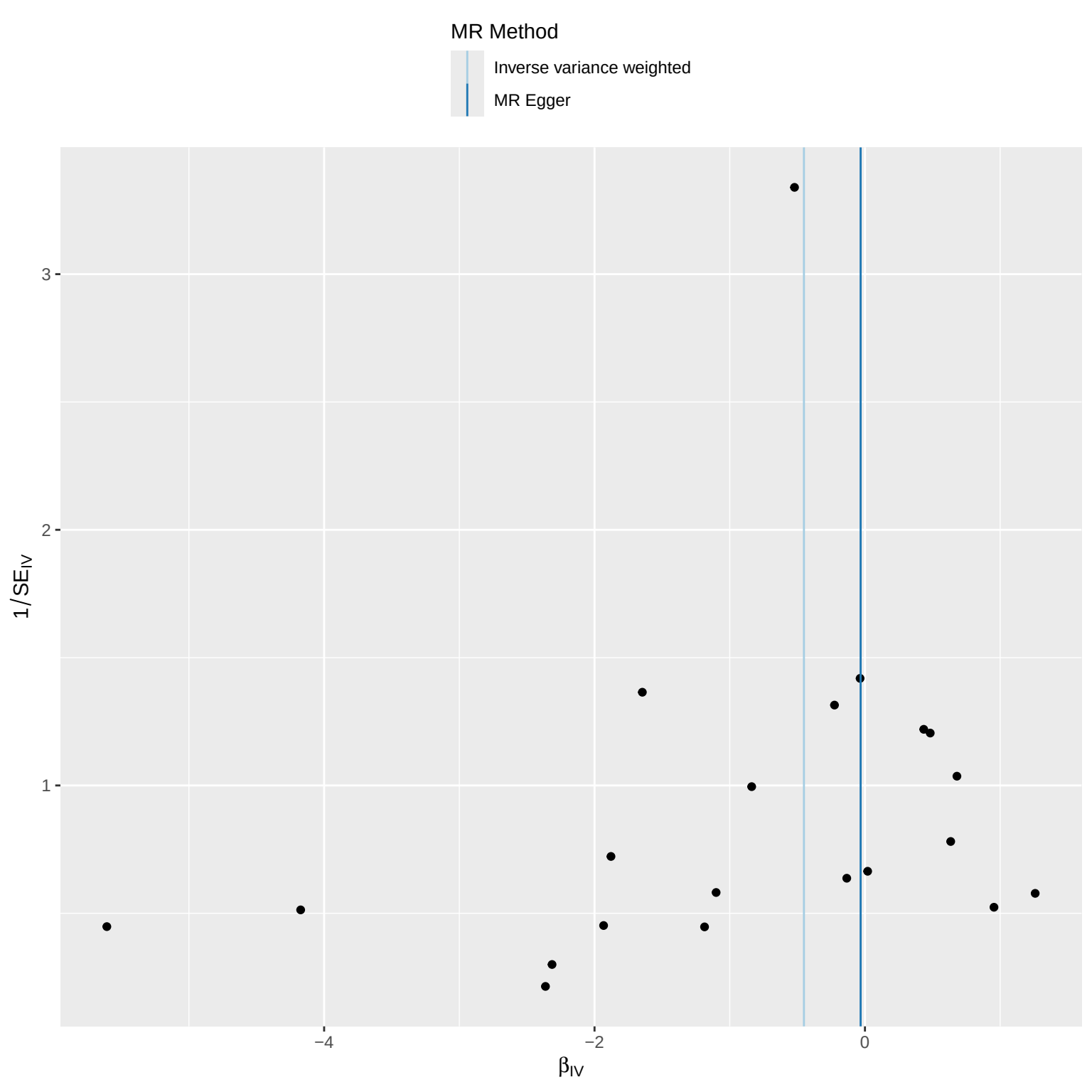

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
0.4
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

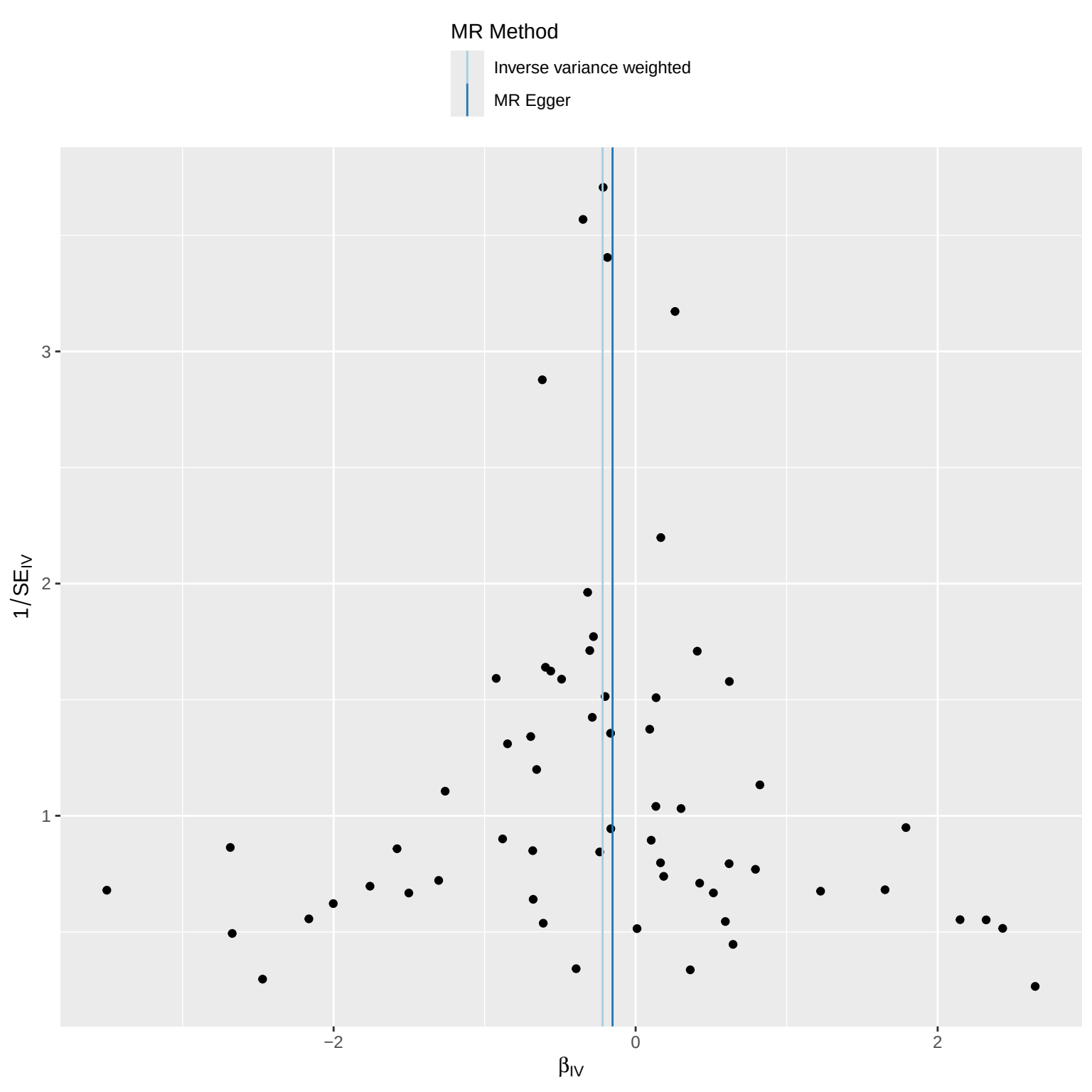

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

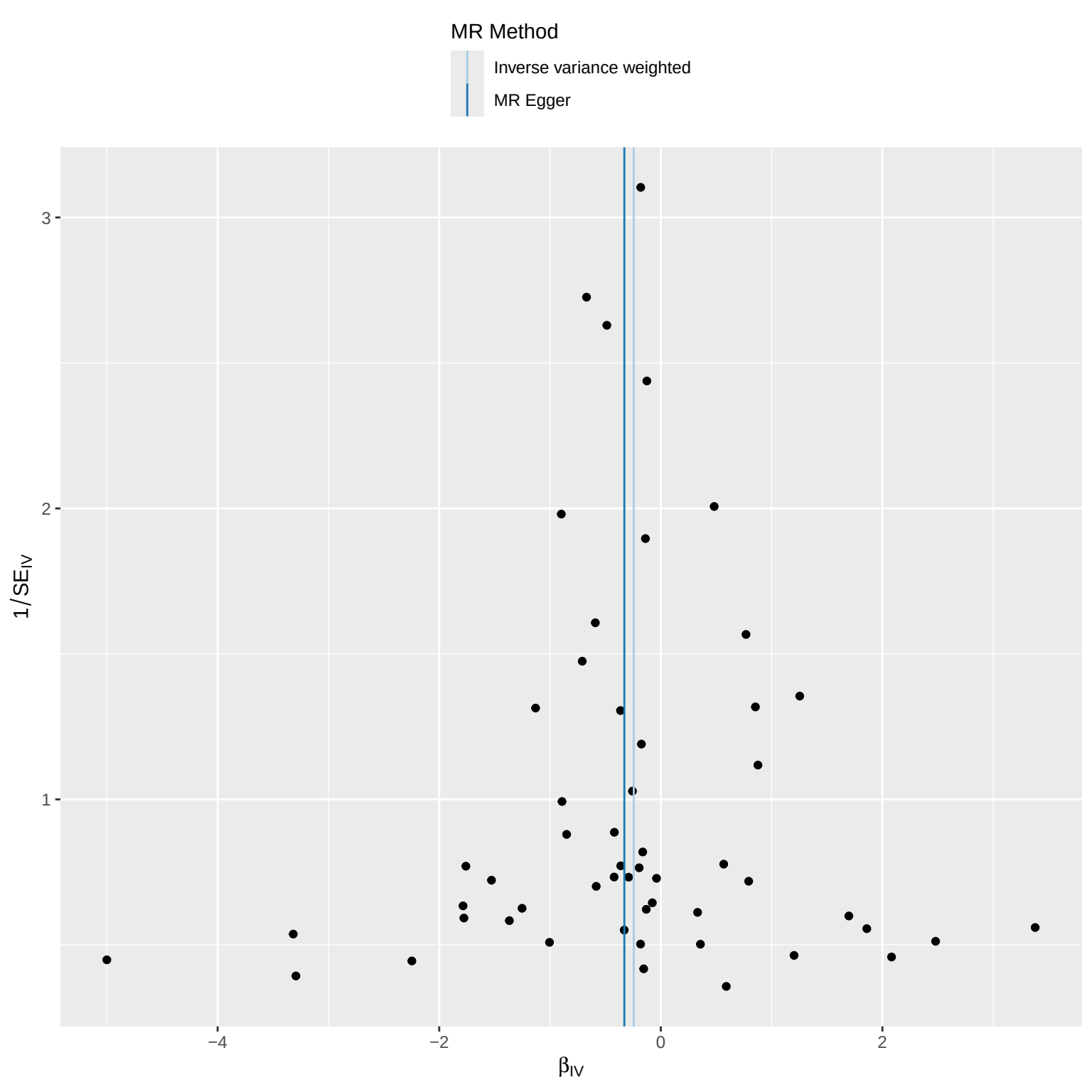

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
1
2
3
β_IV

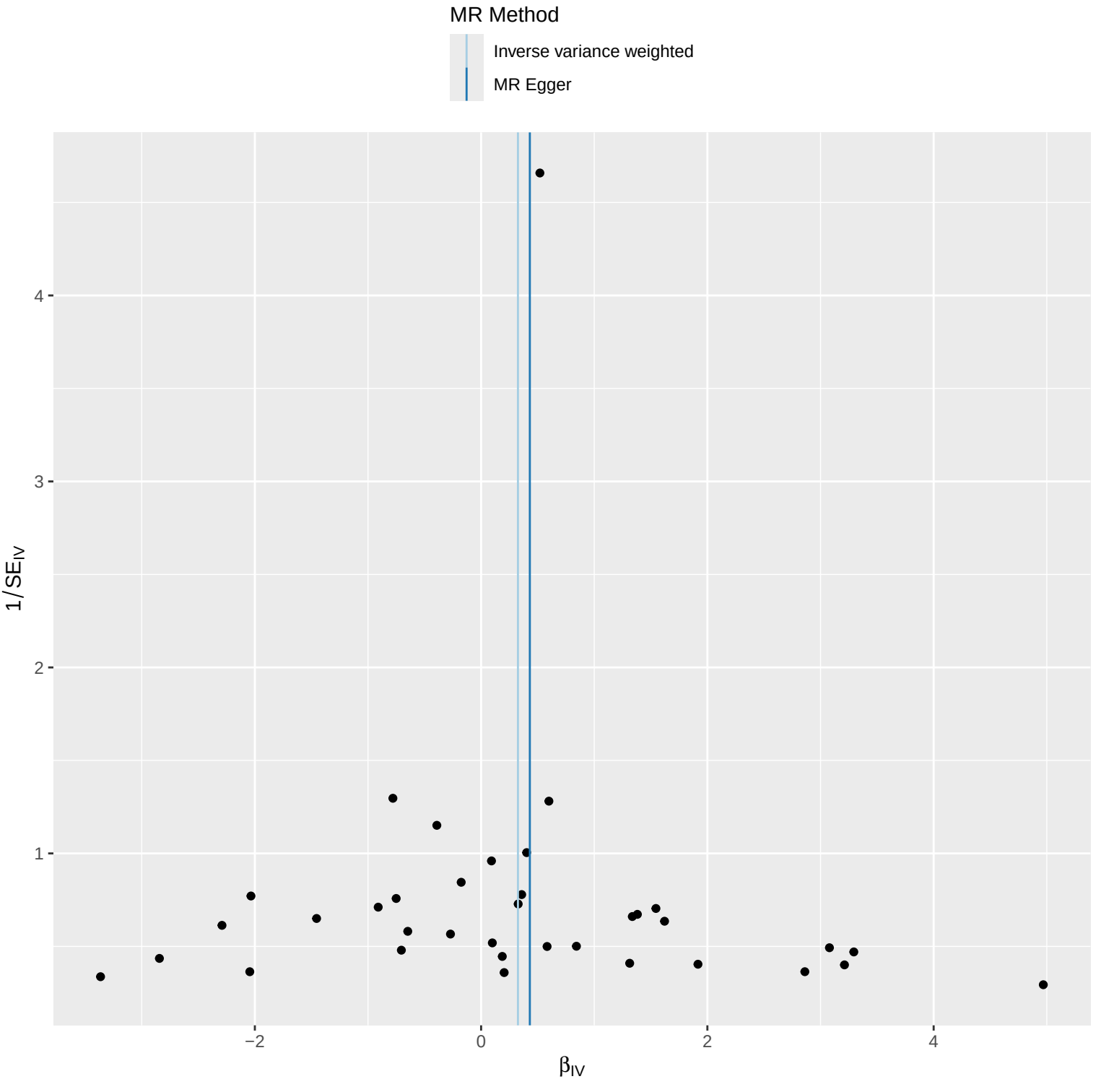

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

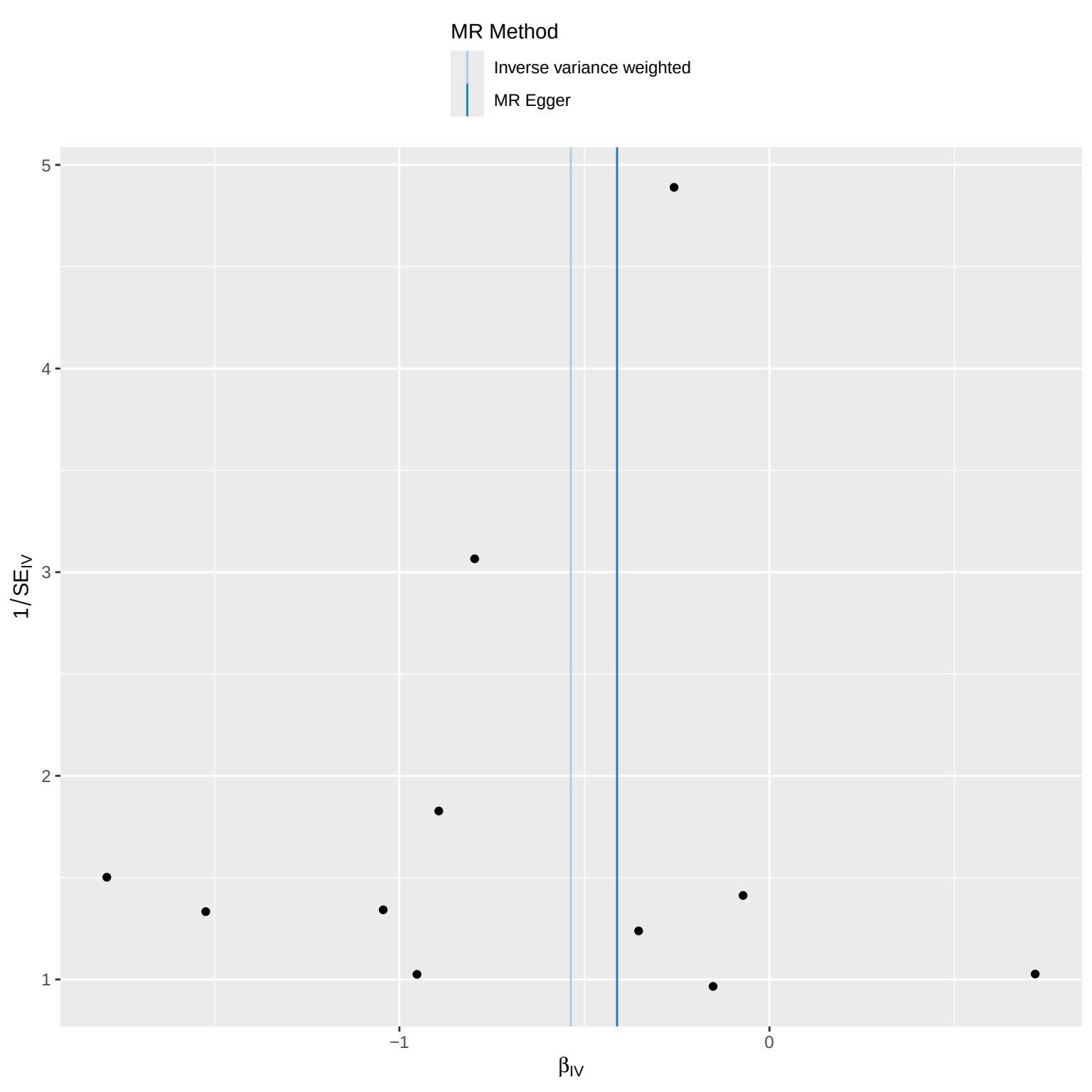

MR Method
Inverse variance weighted
MR Egger
4
2
0
1/SE_IV
−5
0
5
β_IV

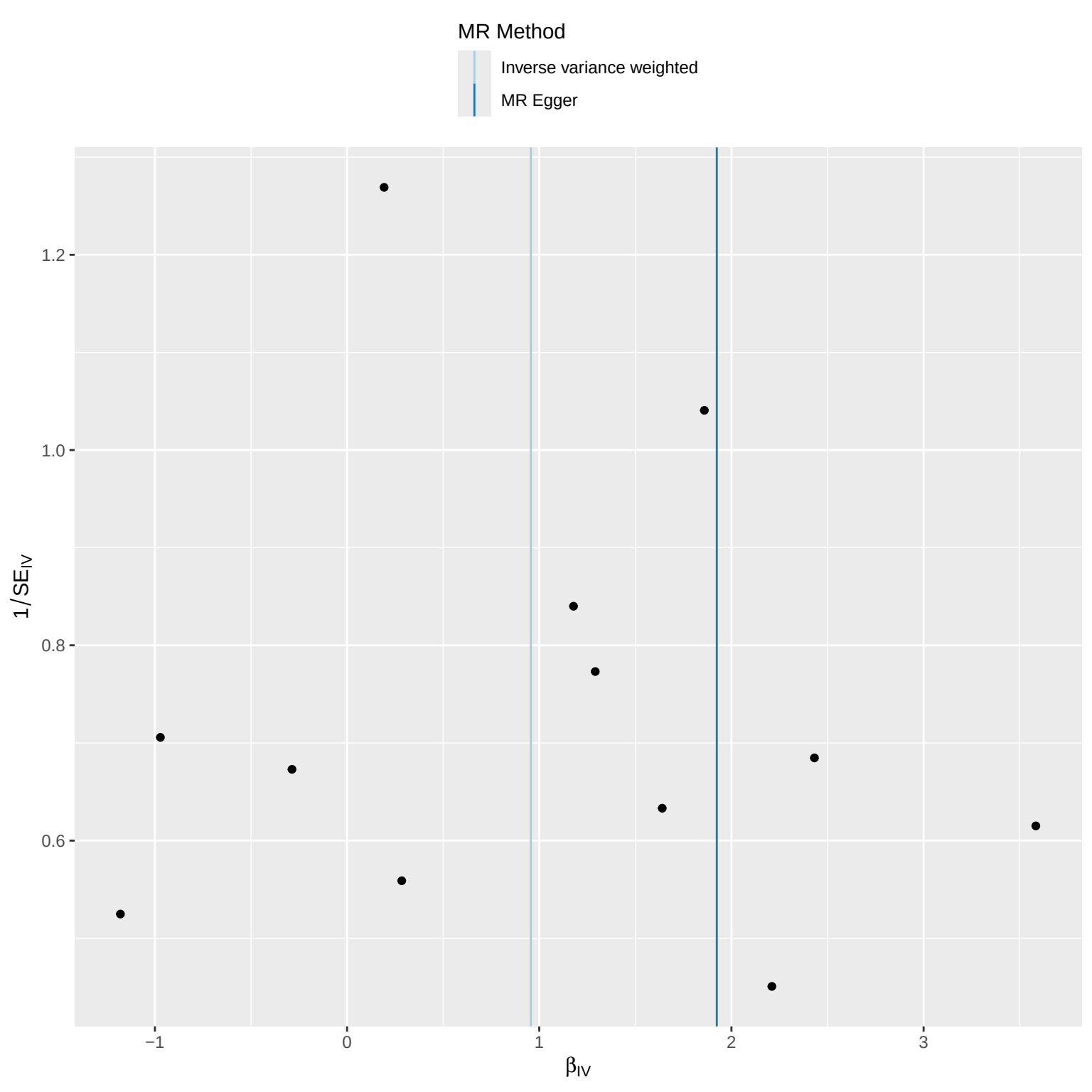

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
β_IV

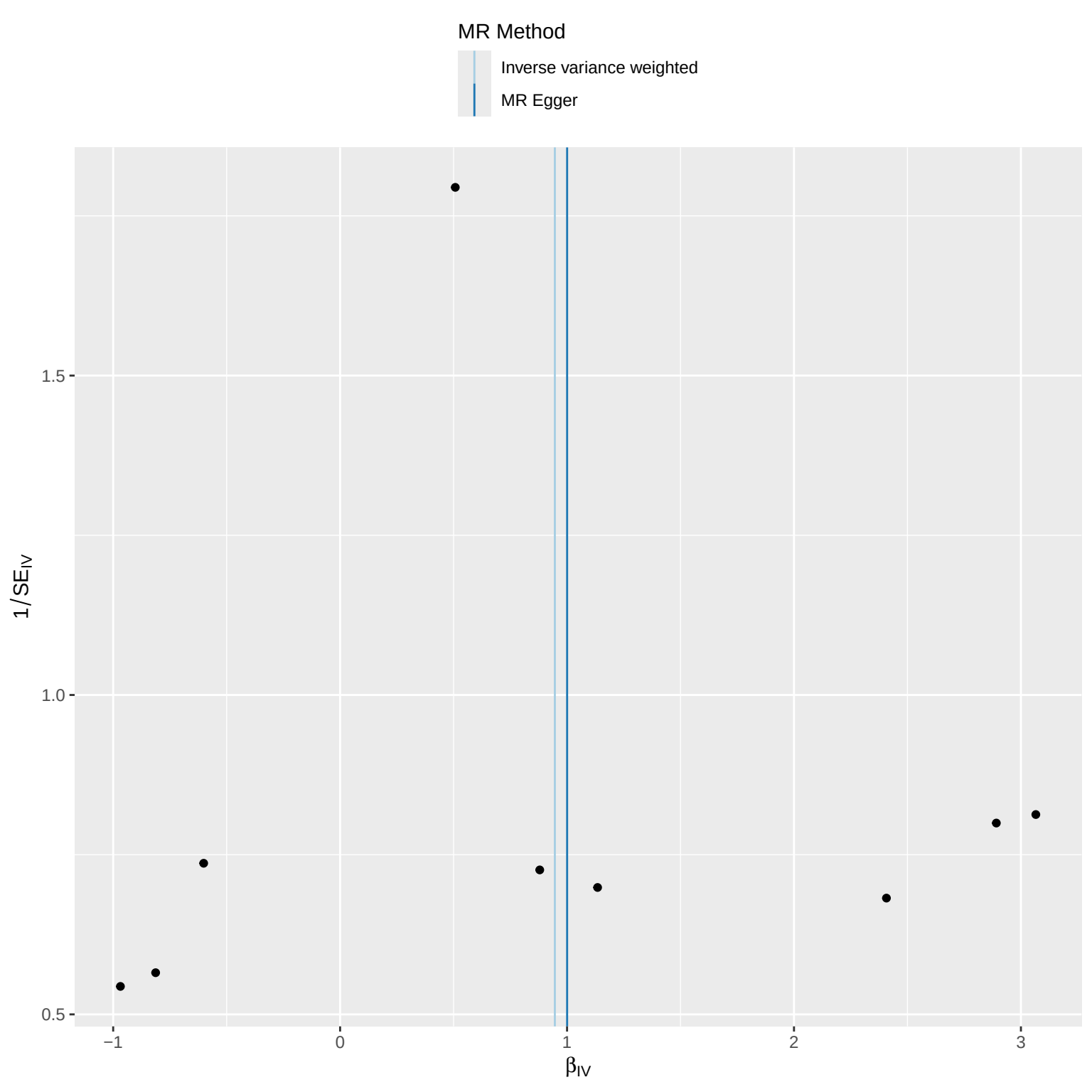

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

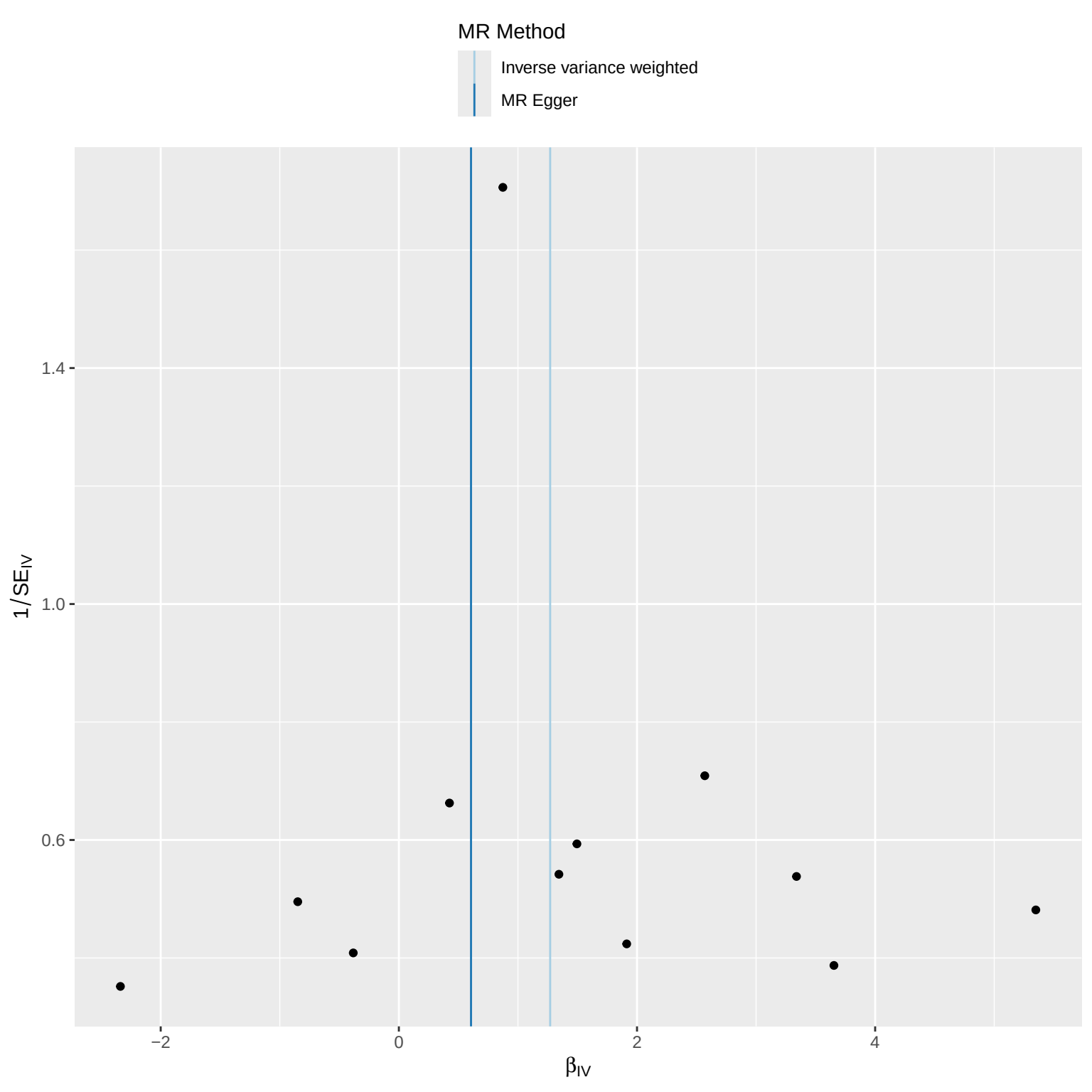

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

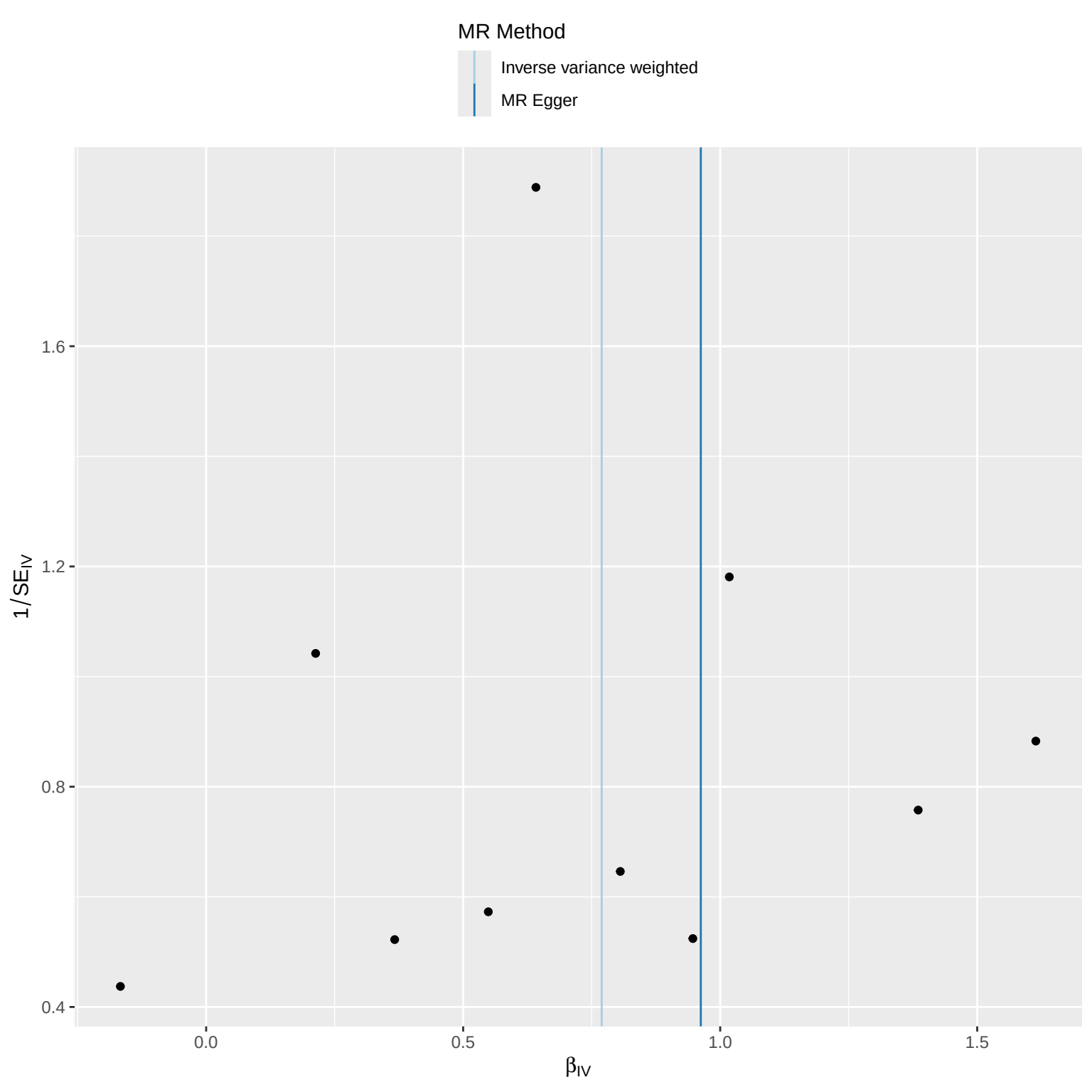

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

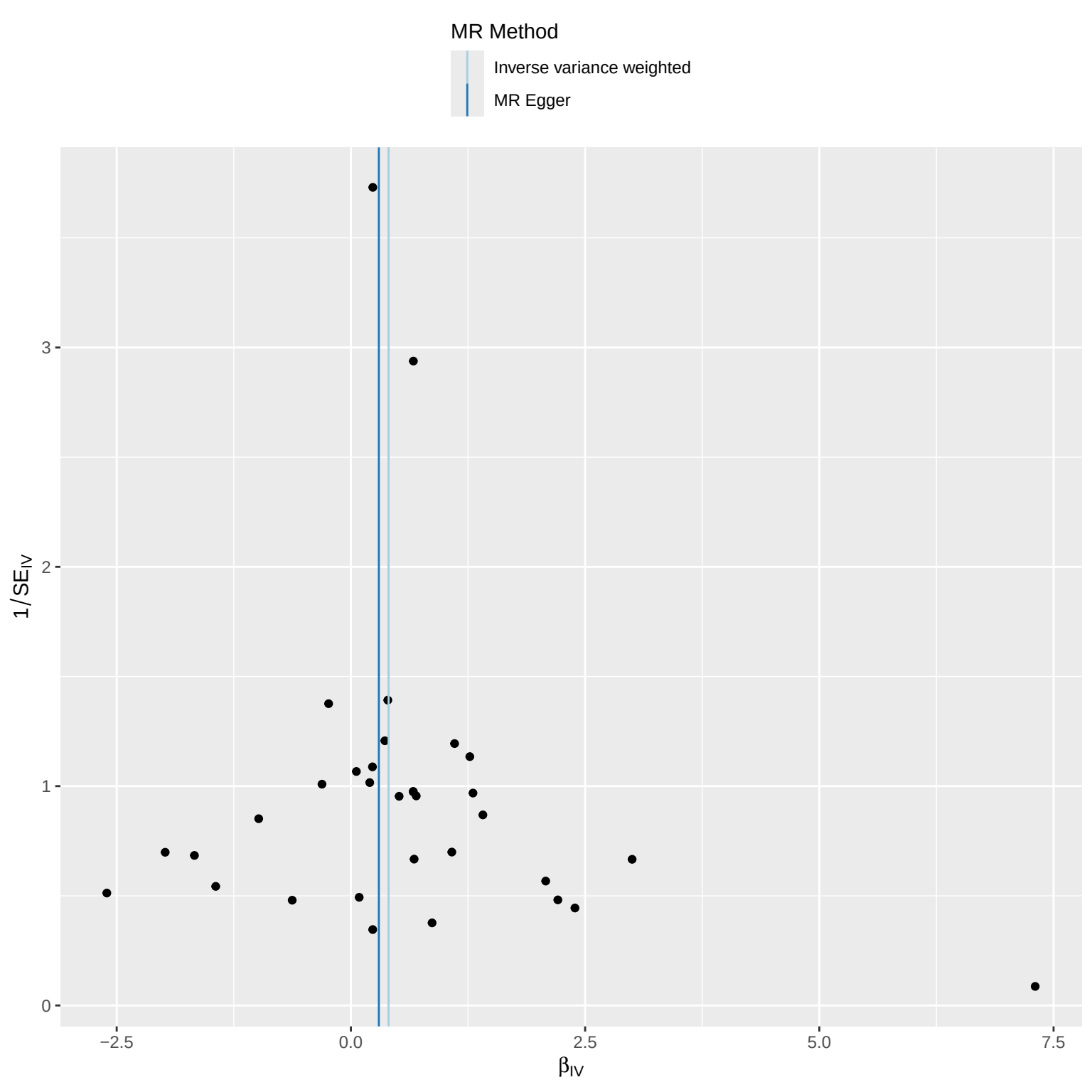

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
β_IV

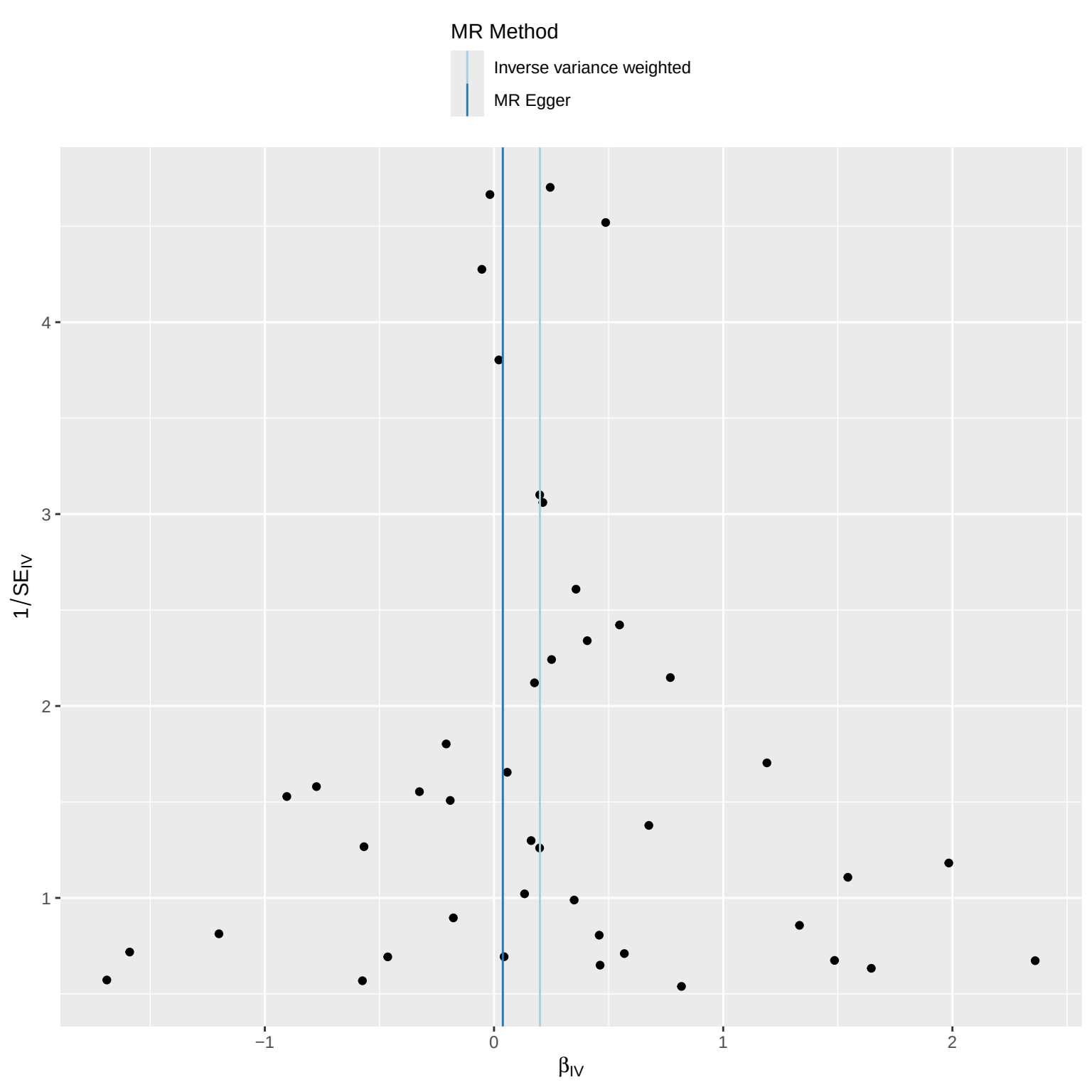

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
2
3
β_IV

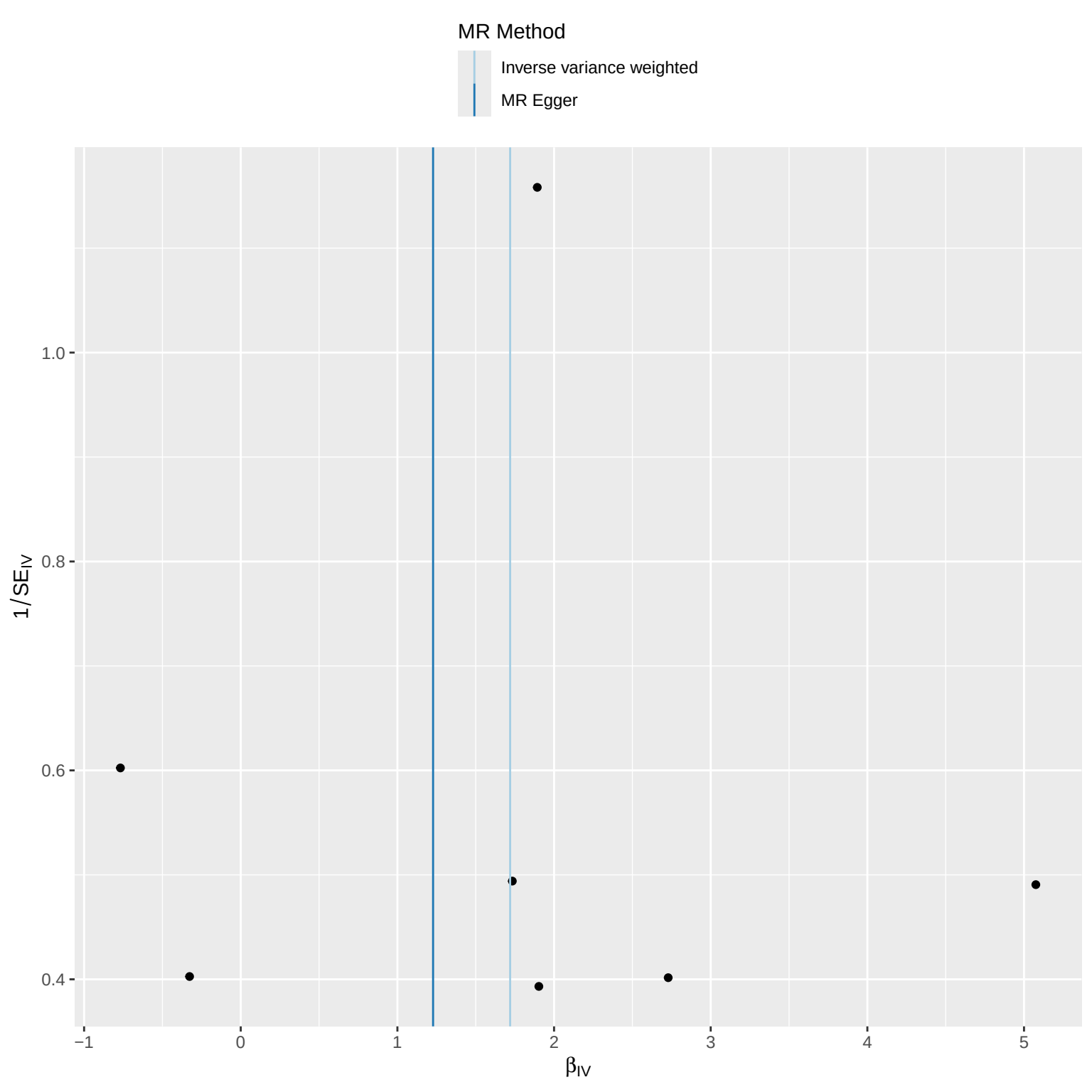

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

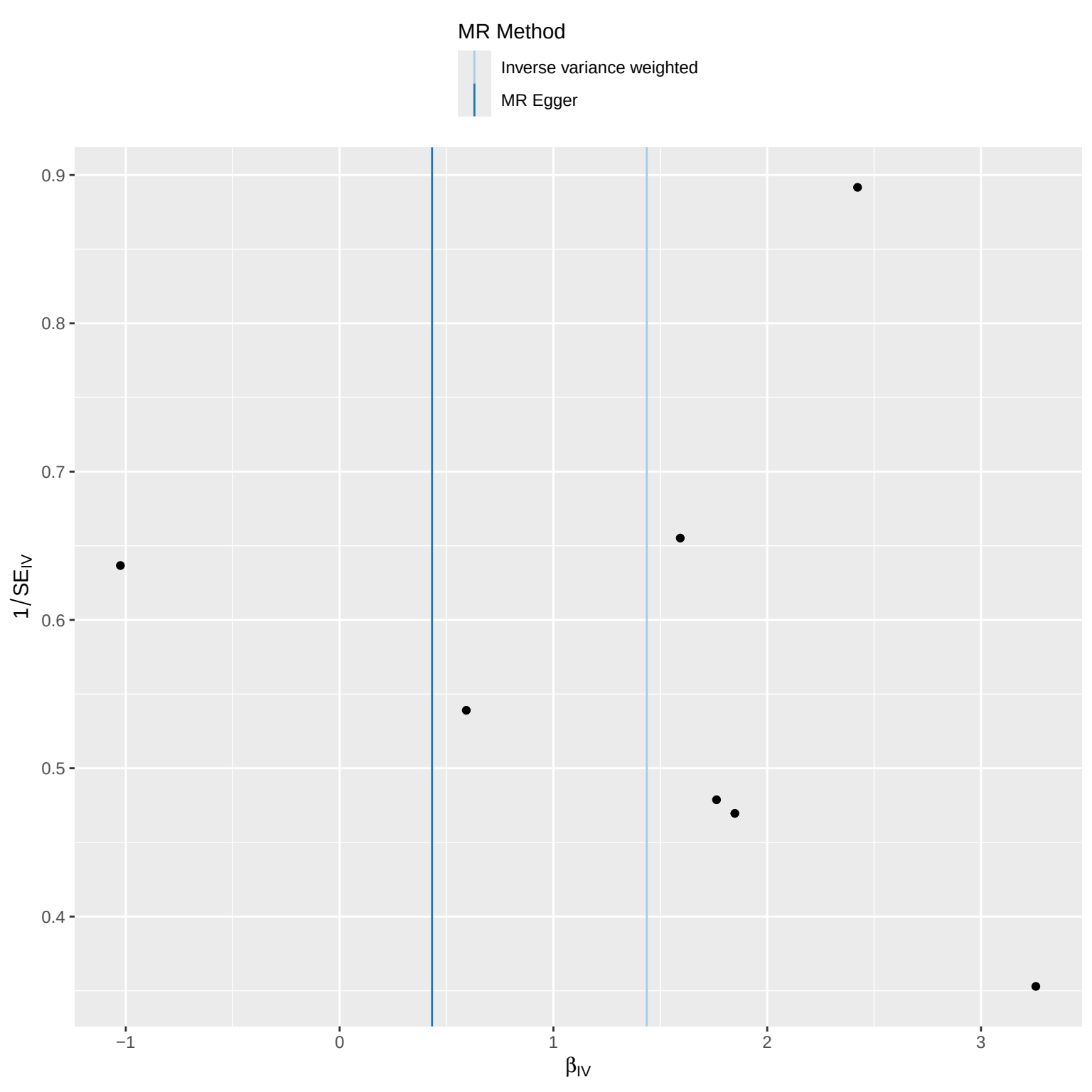

MR Method
Inverse variance weighted
MR Egger
1.4
1.0
0.6
1/SE_IV
−2
0
2
4
β_IV

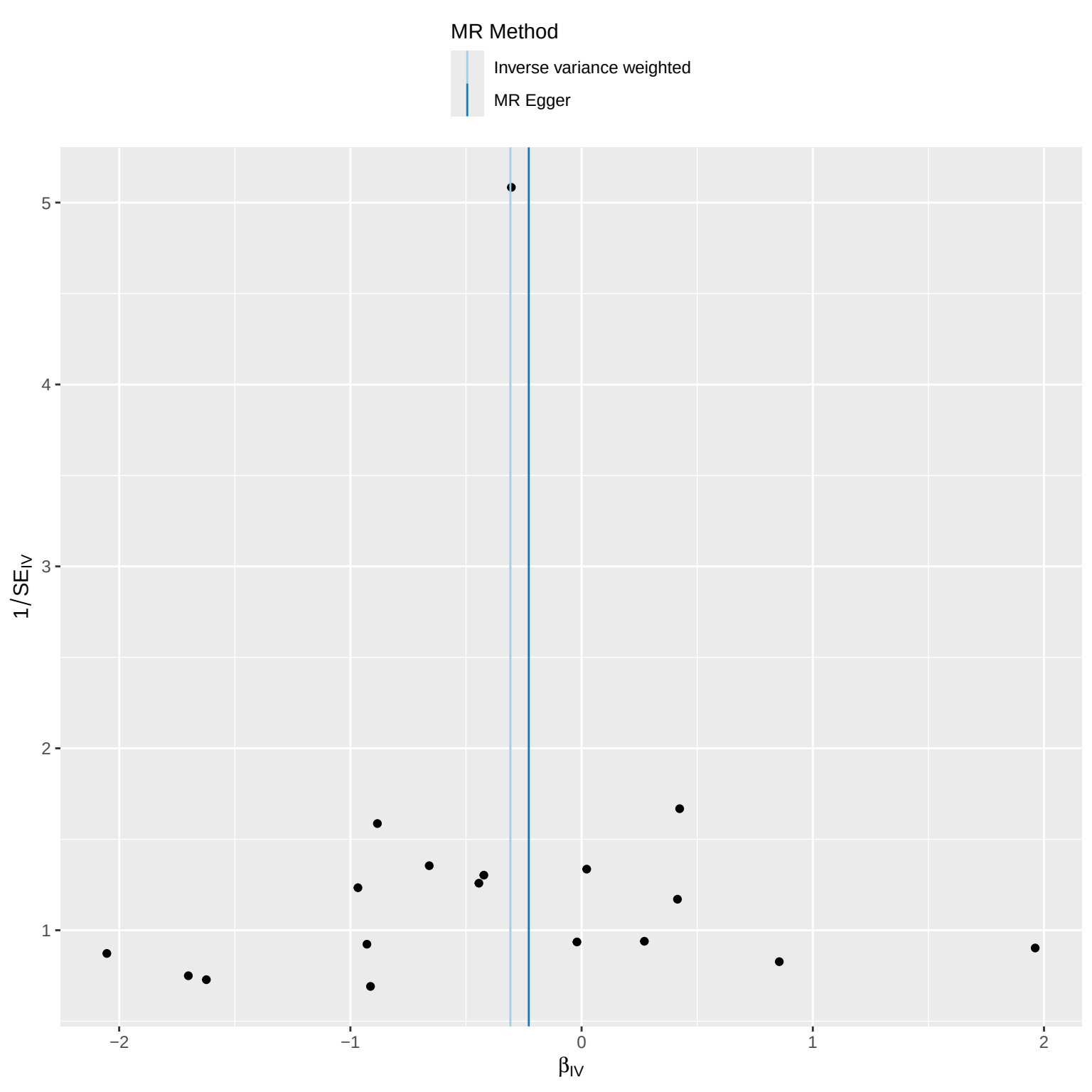

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

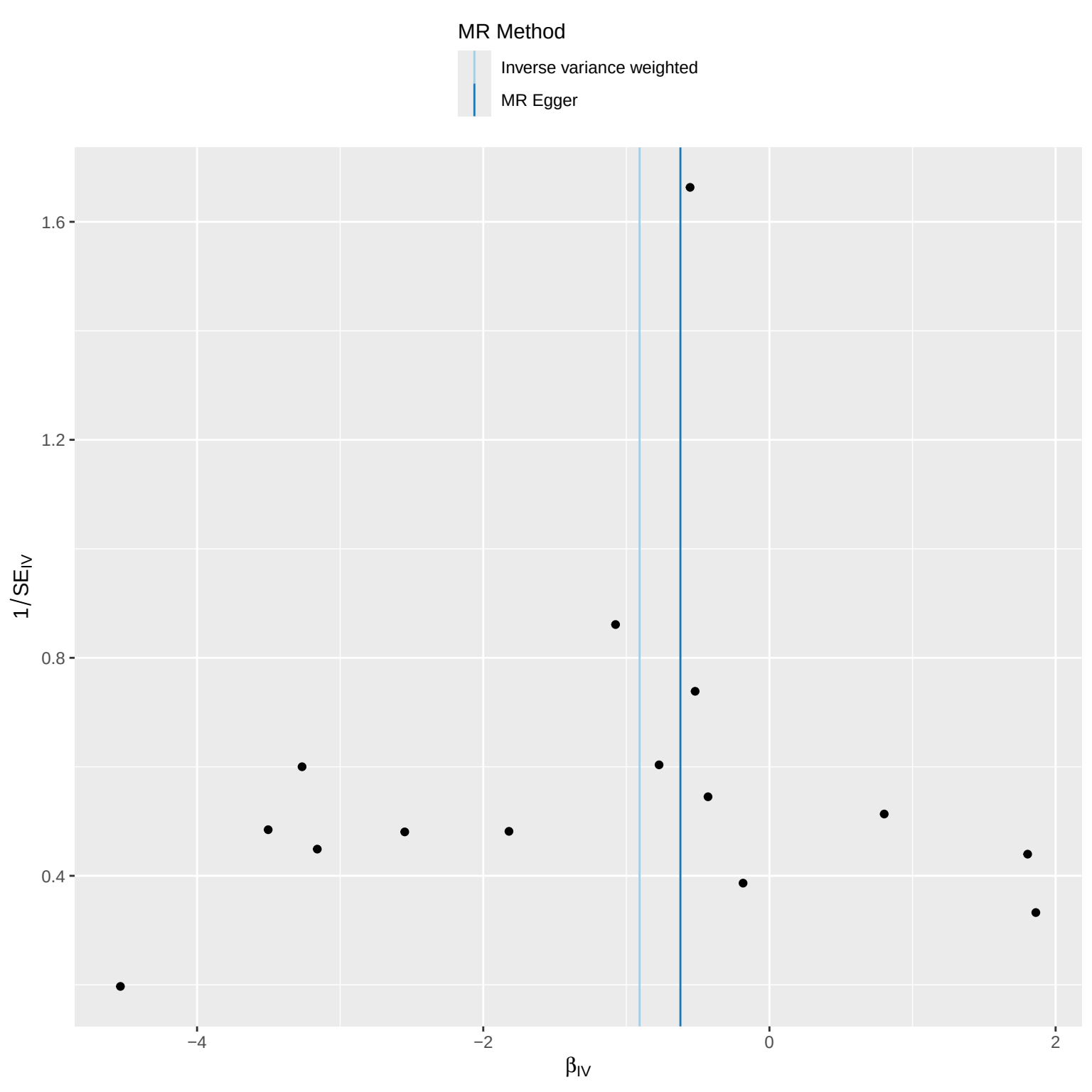

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
0
−2.5
0.0
2.5
5.0
7.5
β_IV

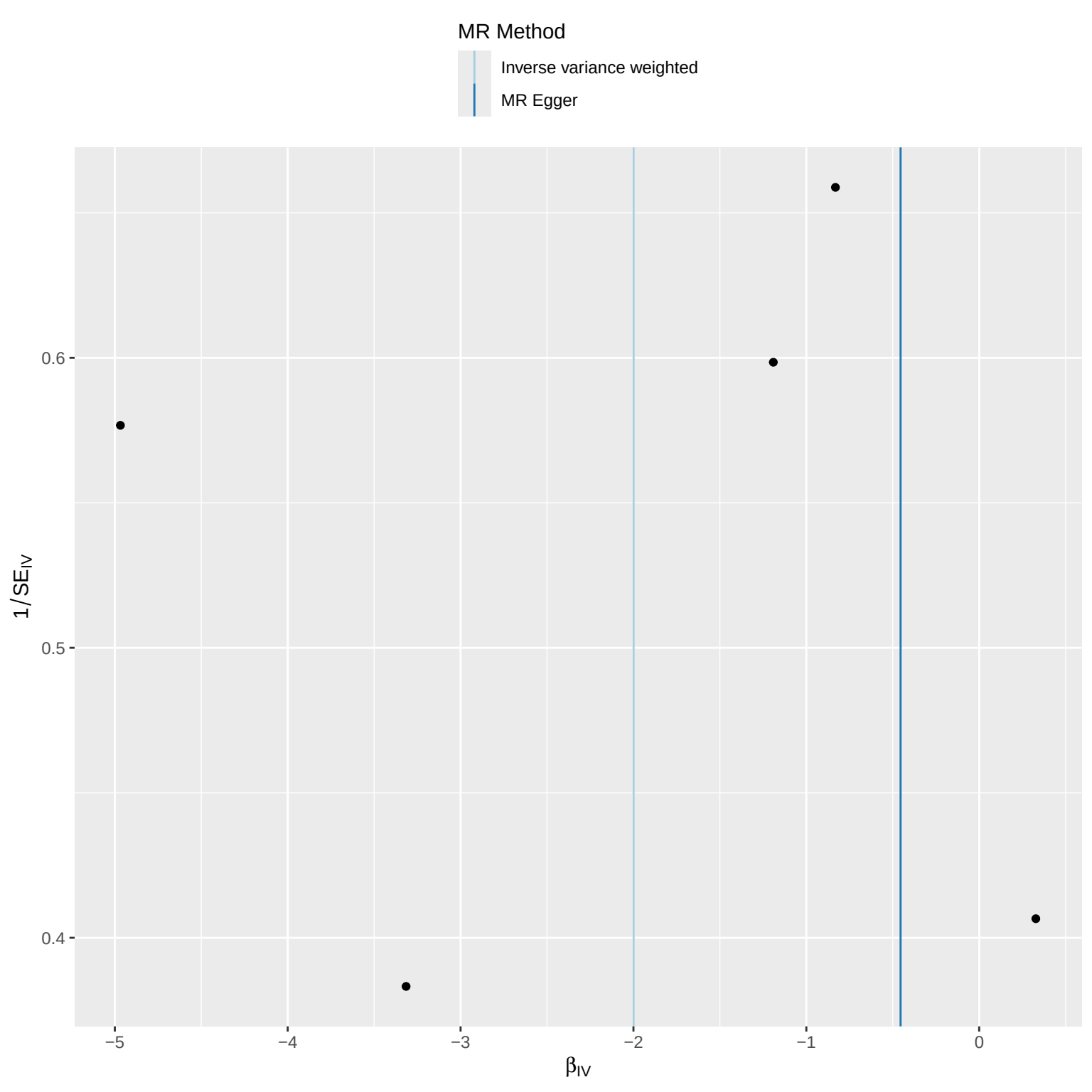

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

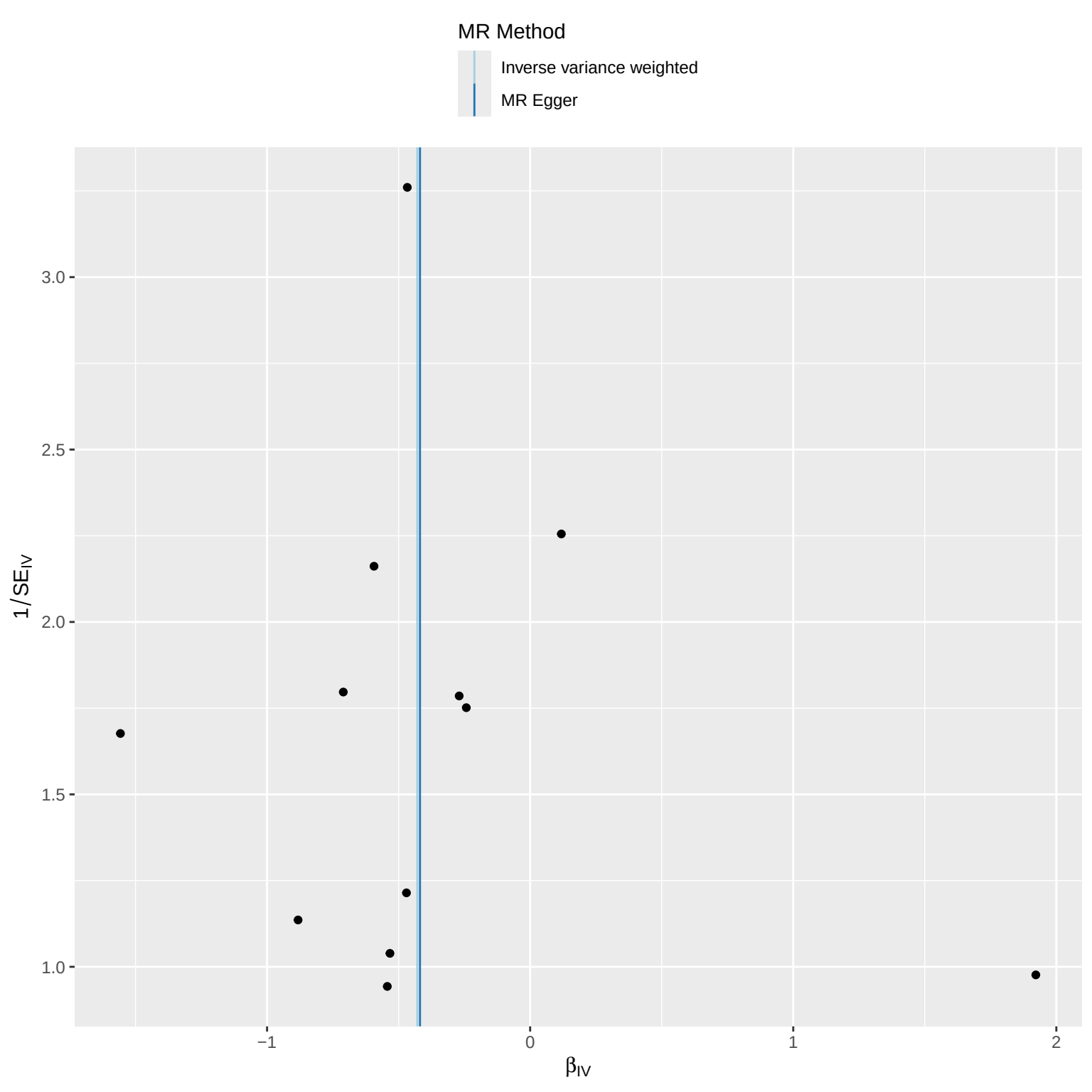

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−1
0
1
2
3
4
5
β_IV

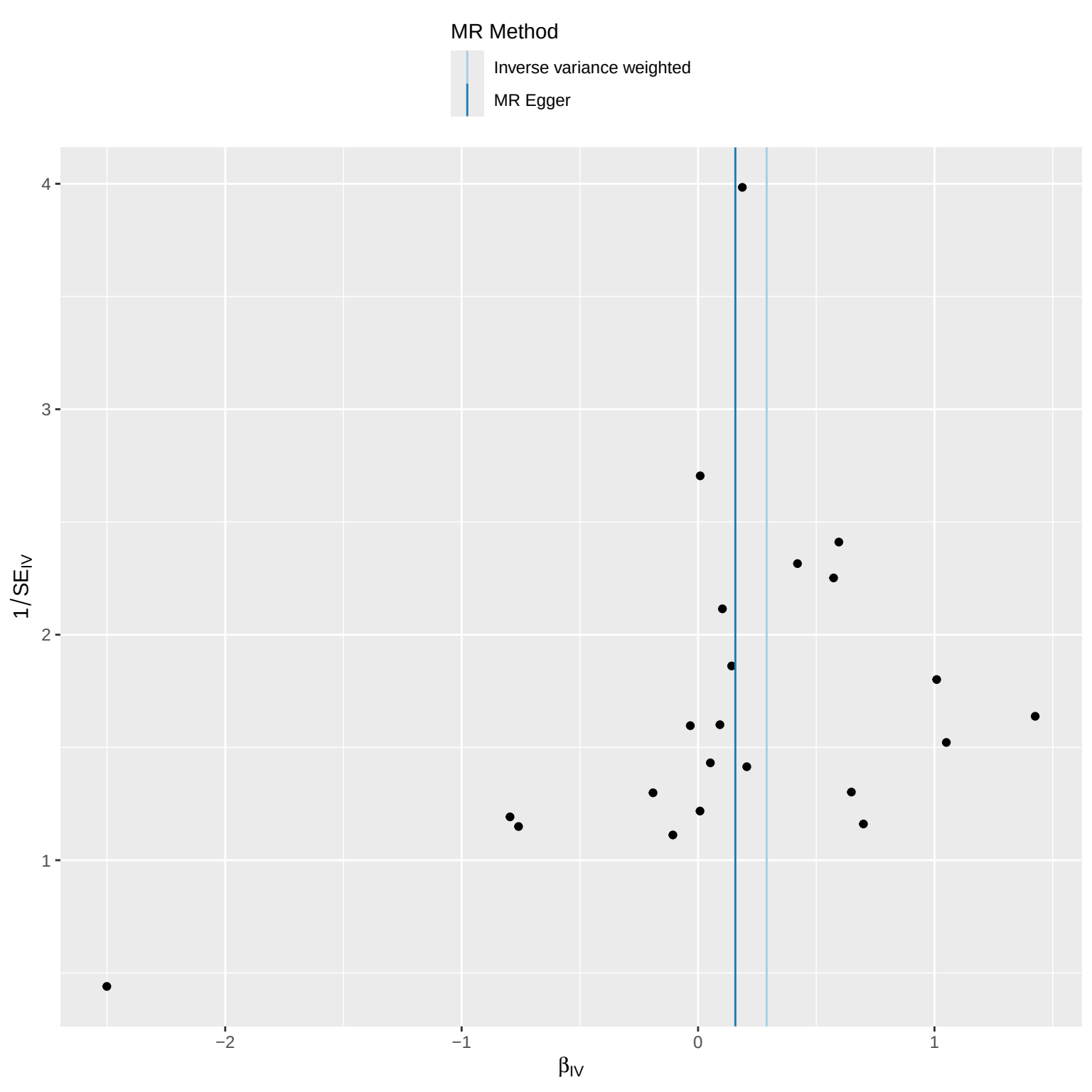

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−1
0
1
2
3
β_IV

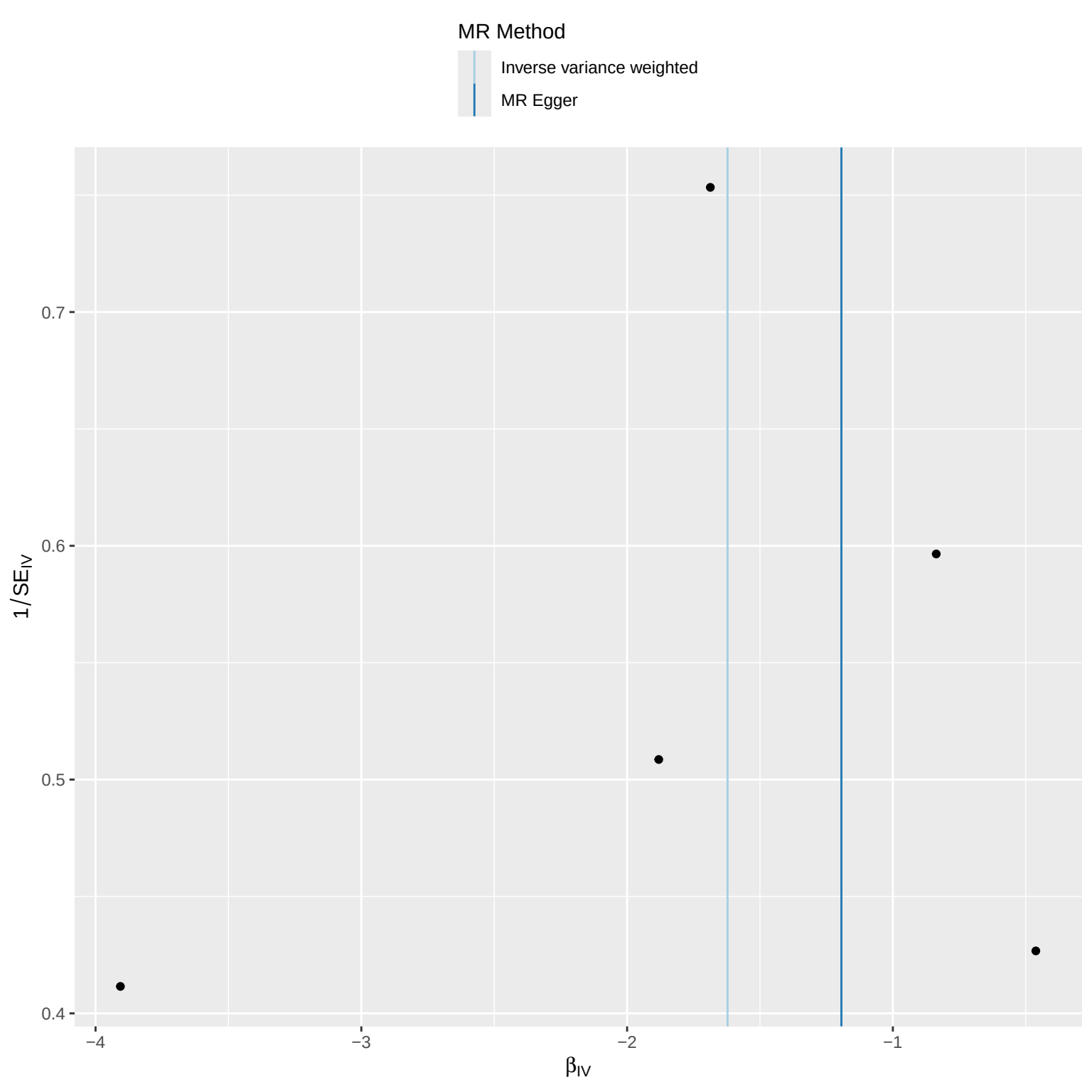

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

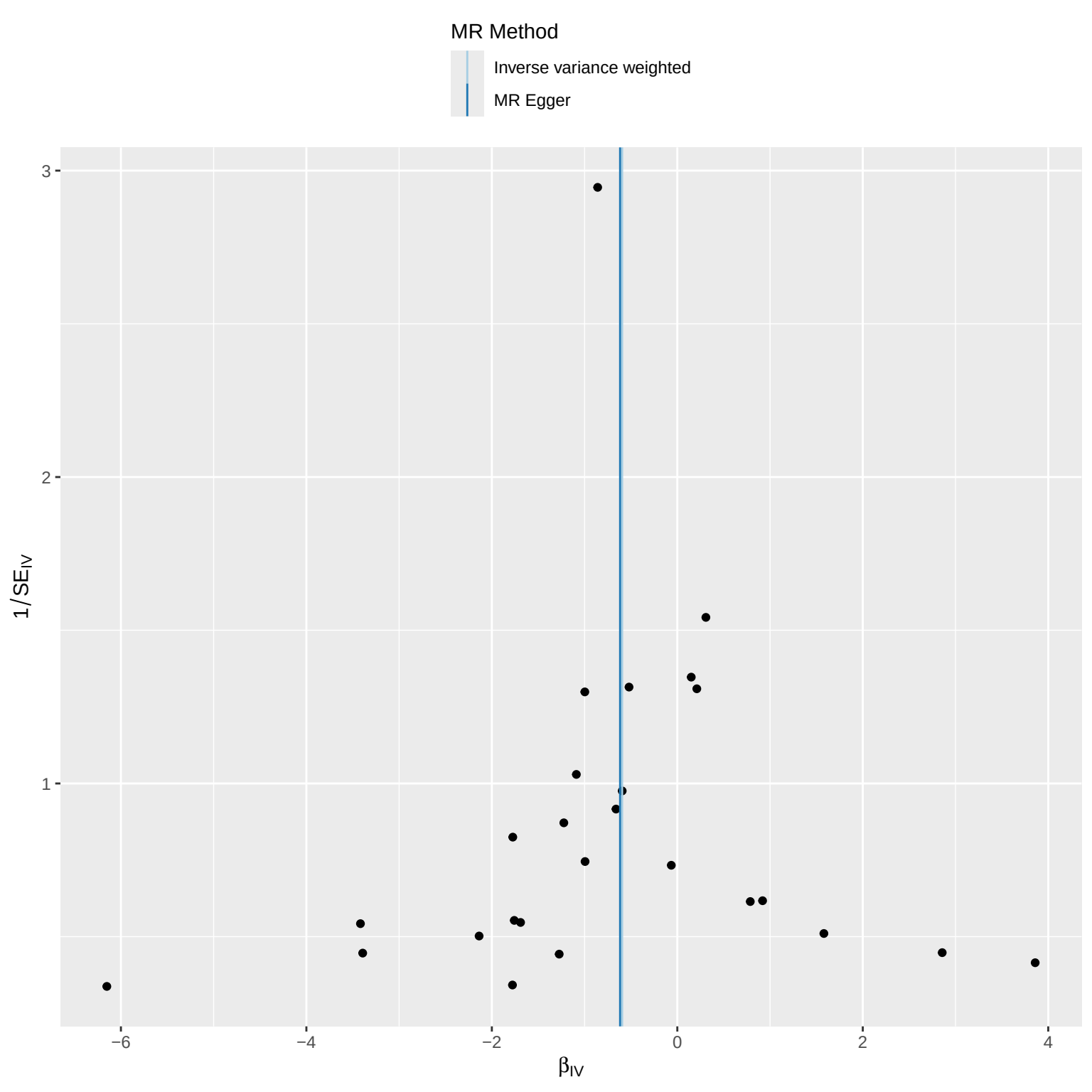

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
β_IV

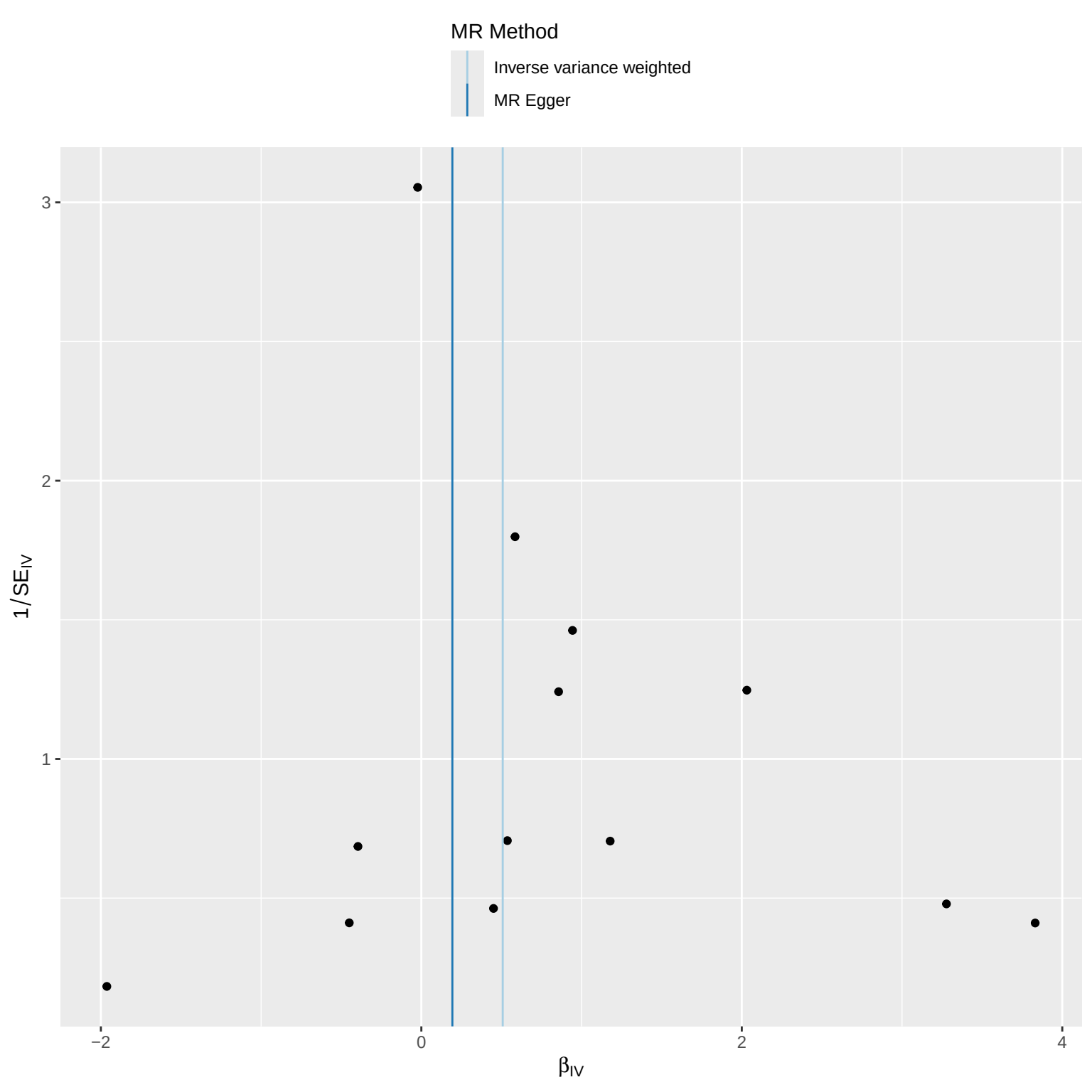

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
1/SE_IV
−5
−4
−3
−2
−1
0
β_IV

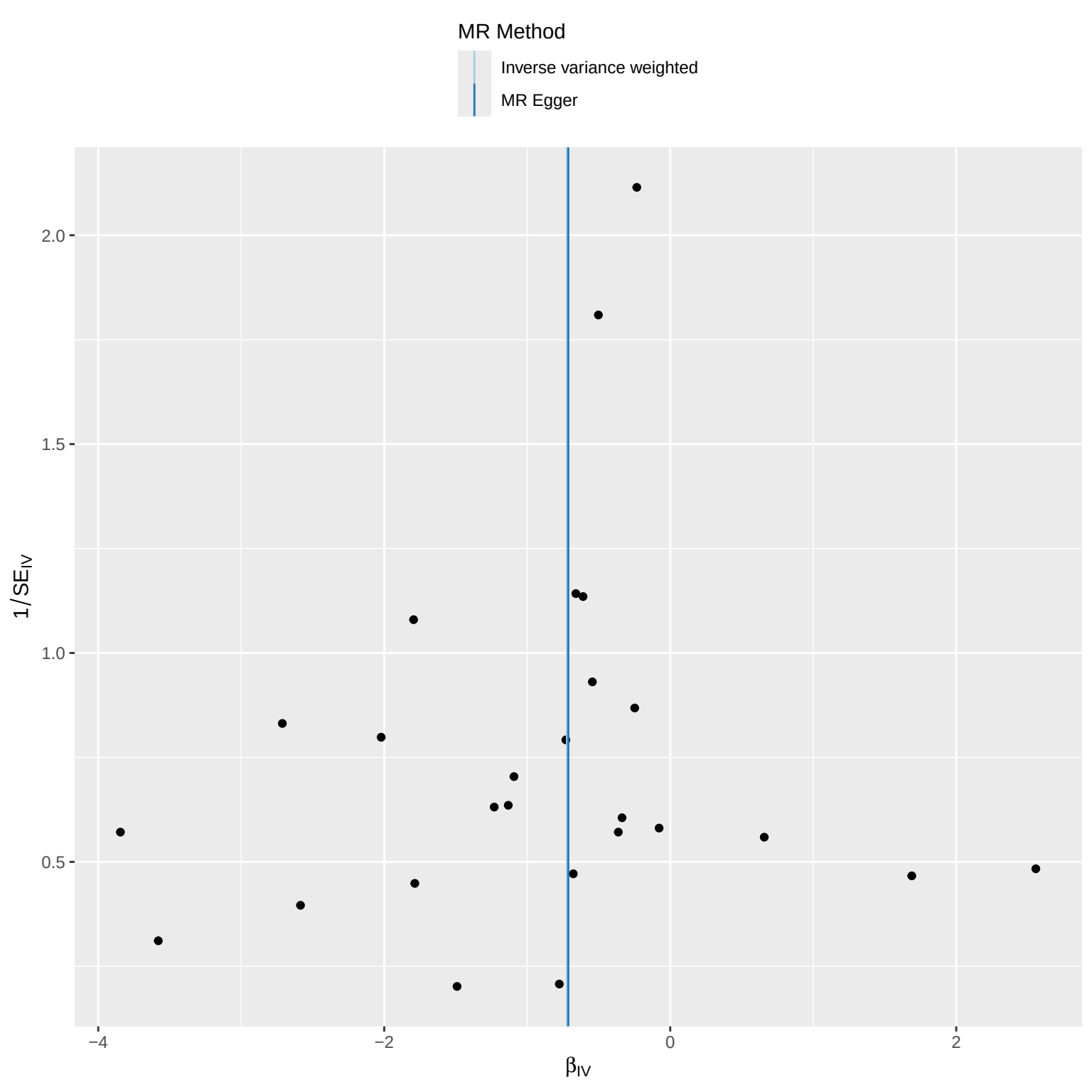

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

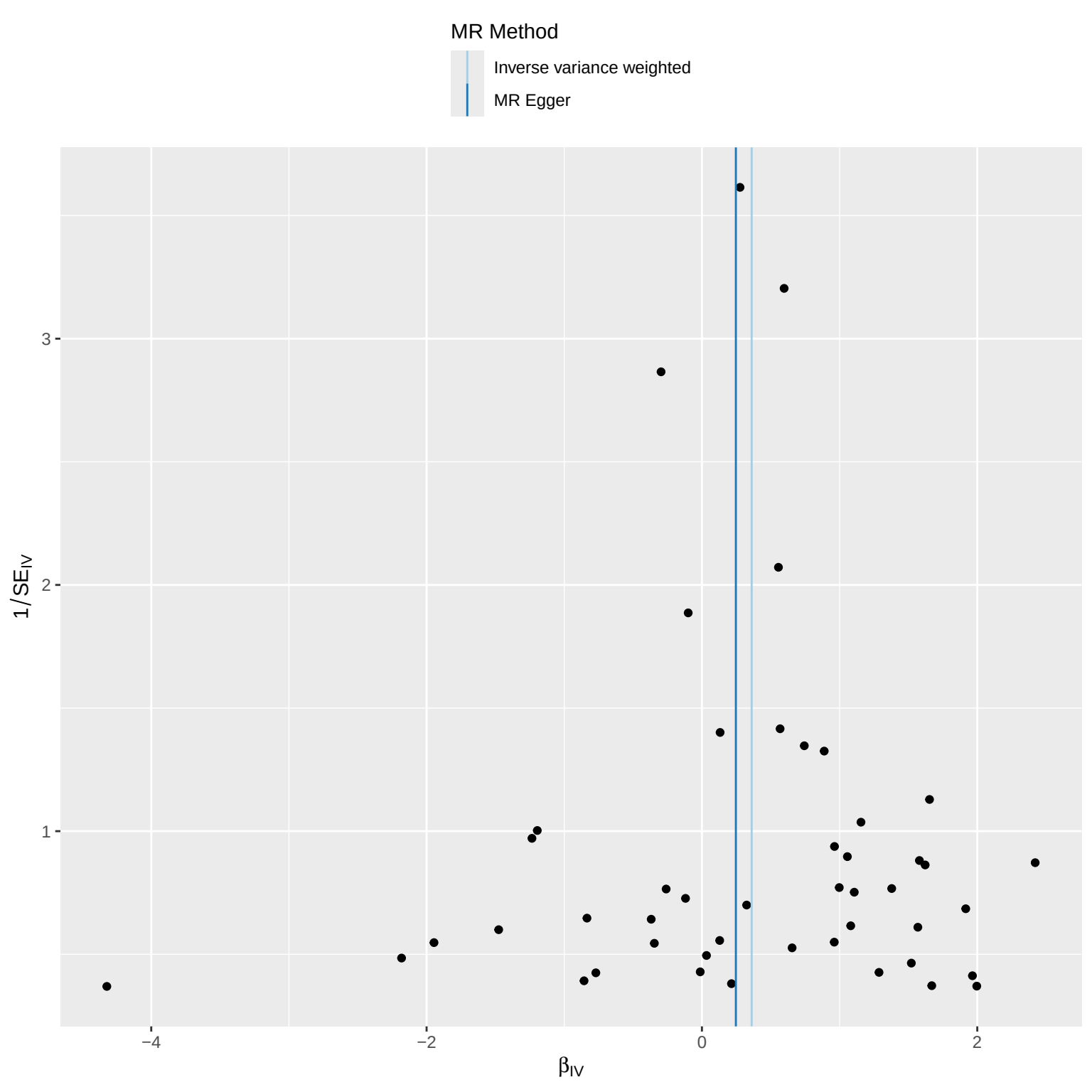

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

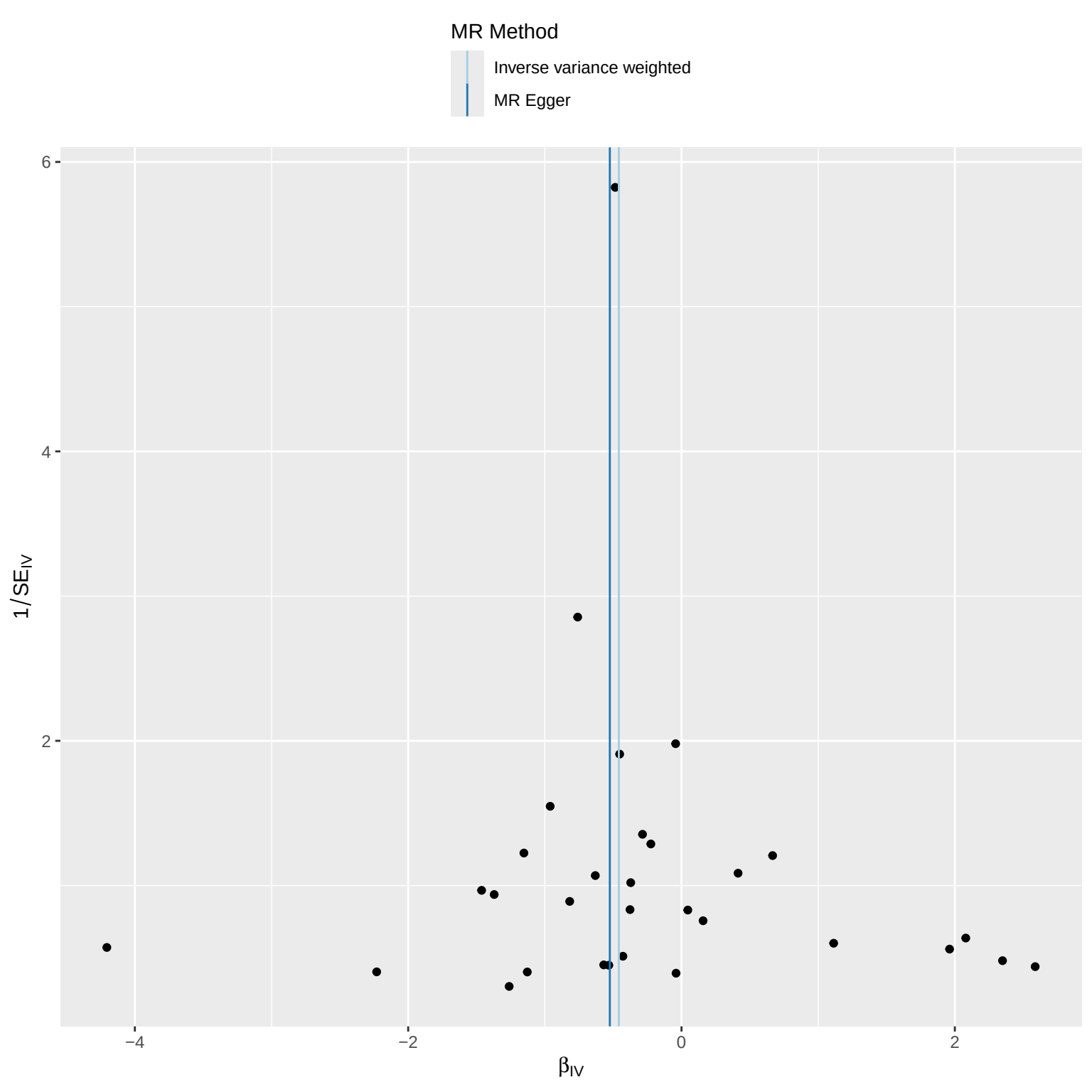

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
−4
−3
−2
−1
β_IV

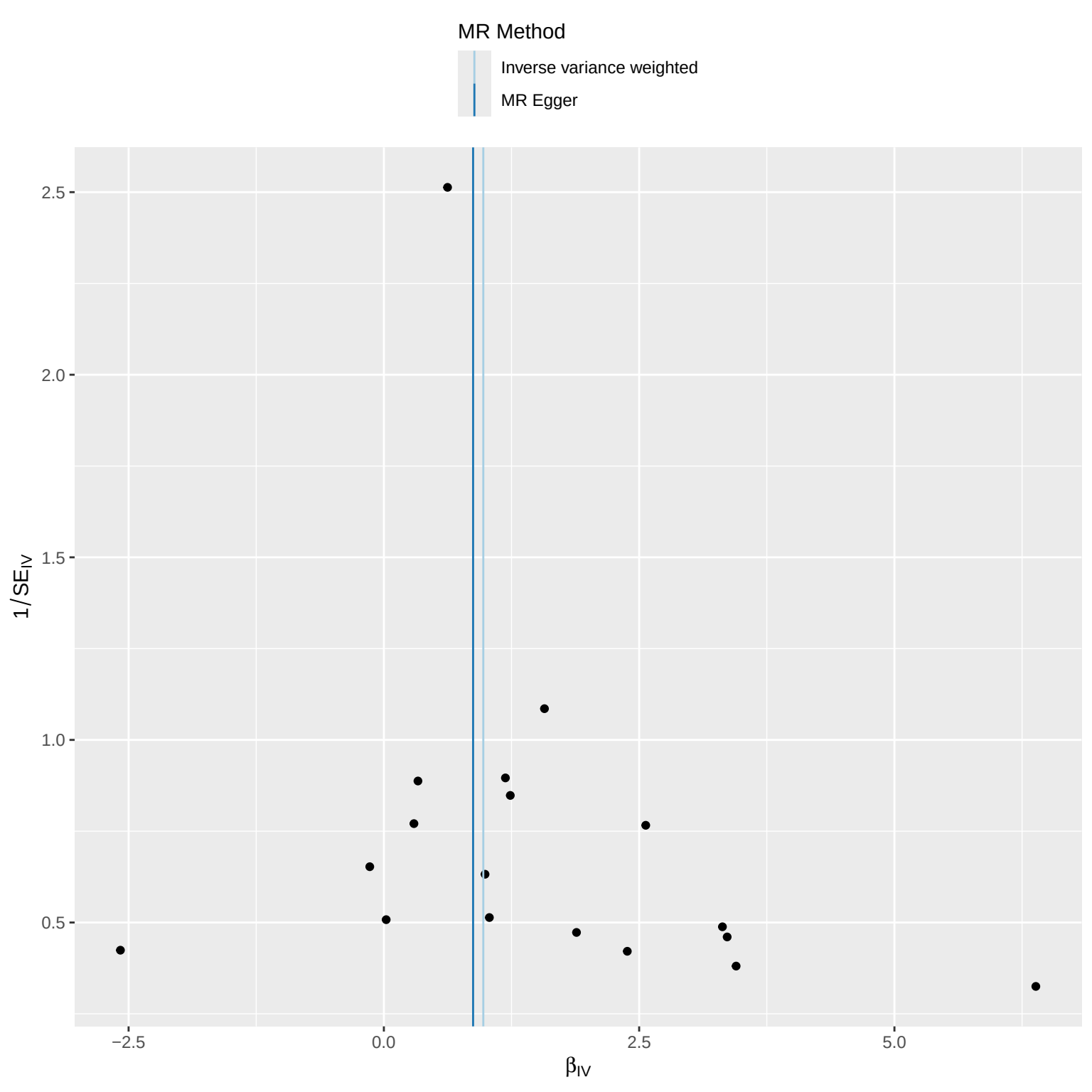

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
4
β_IV

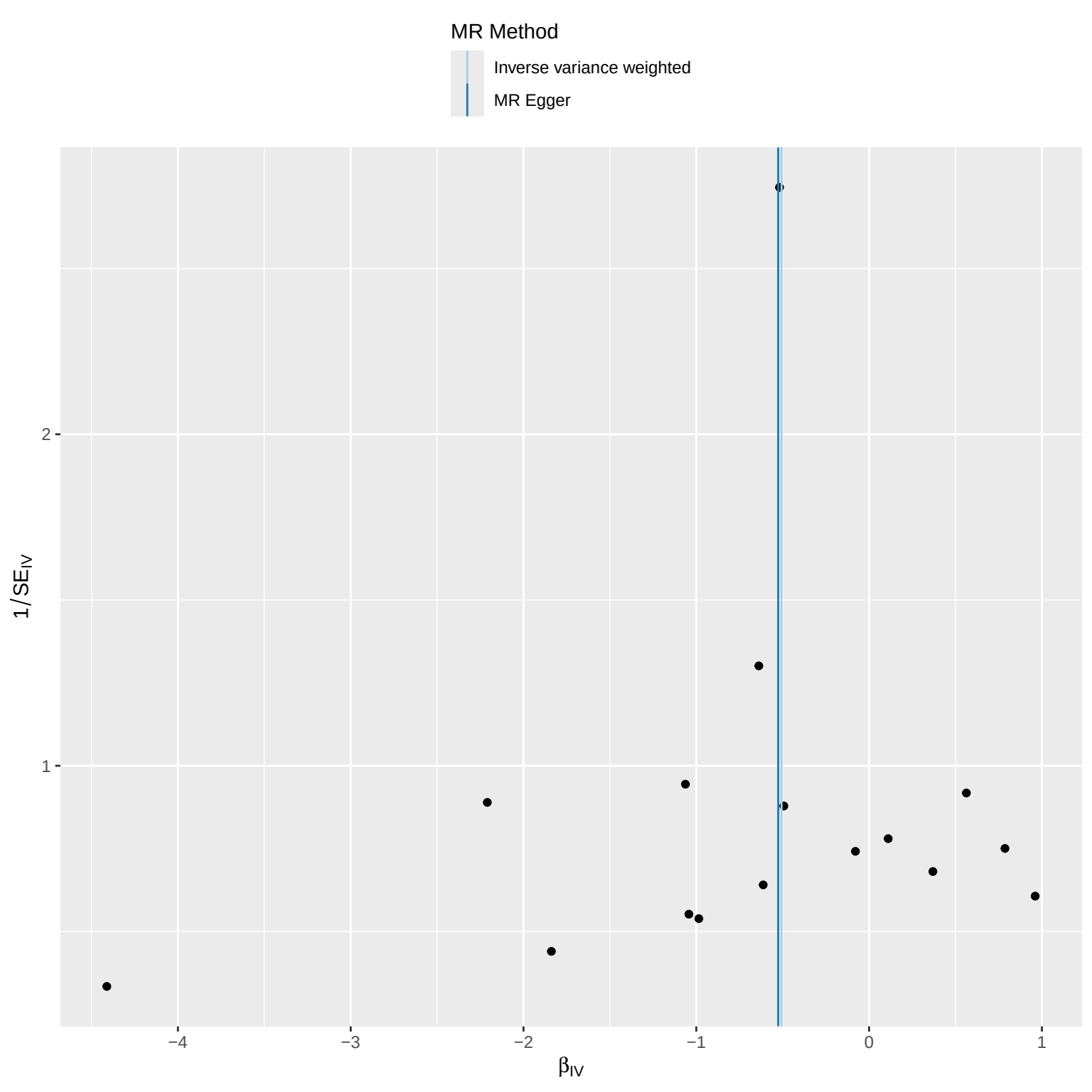

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

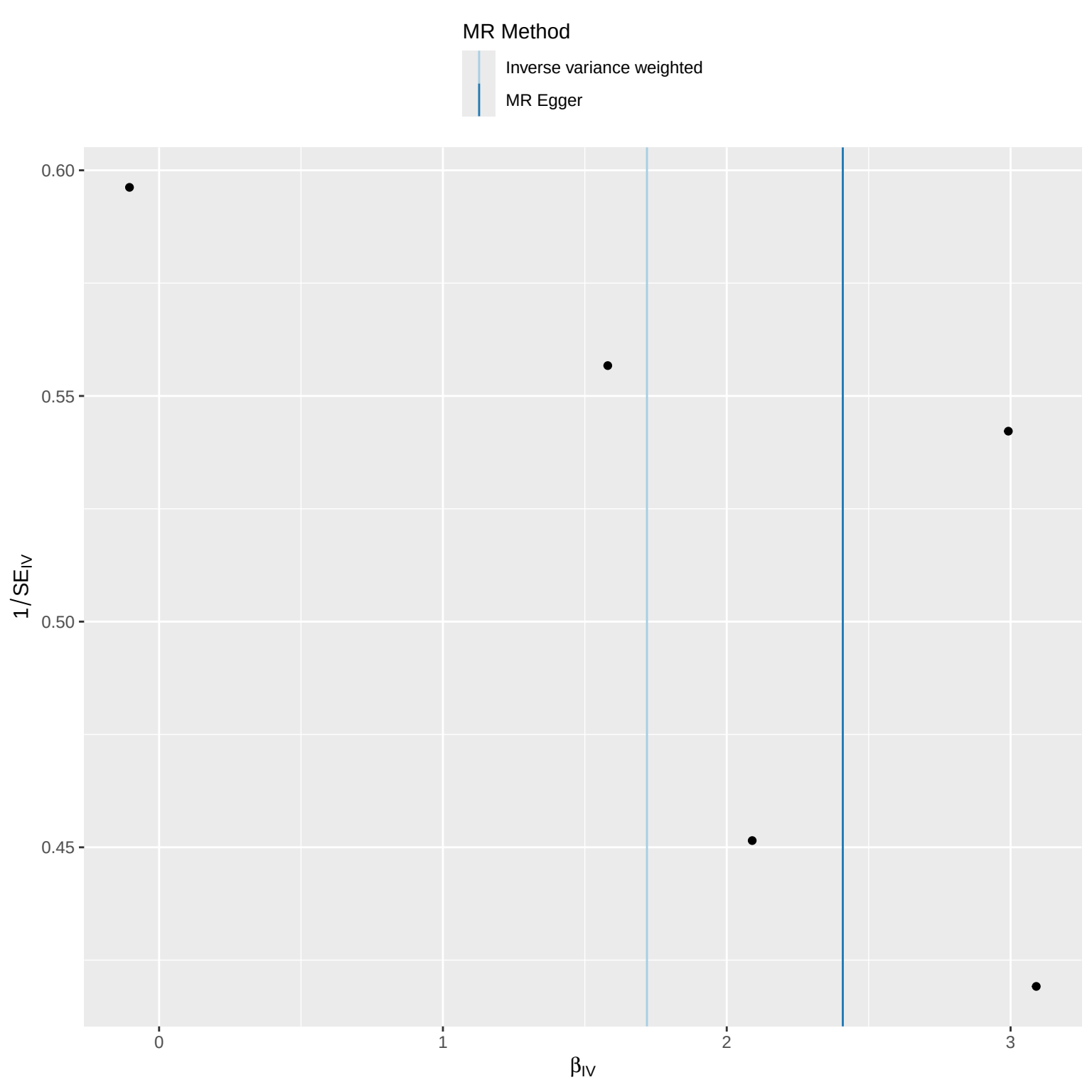

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

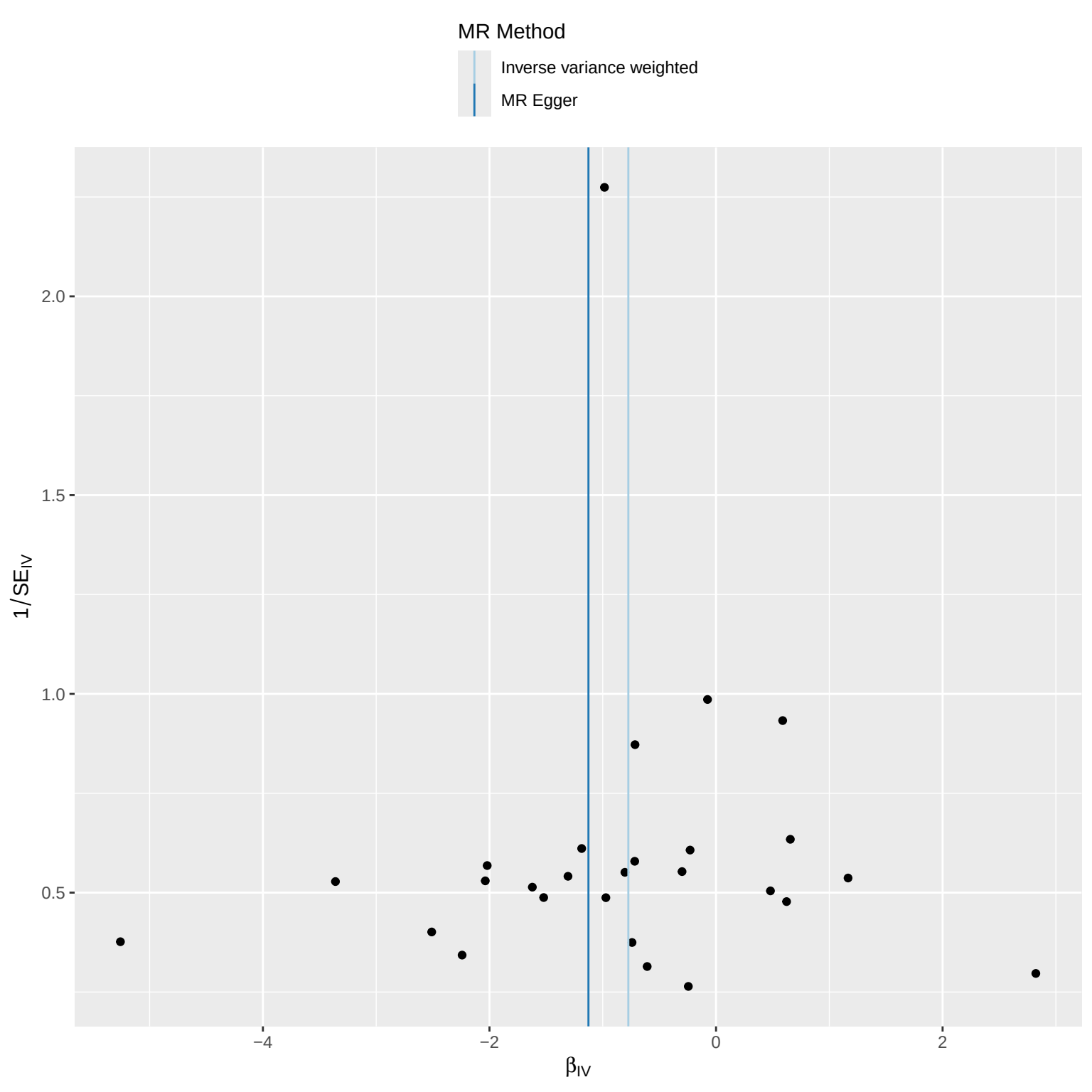

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

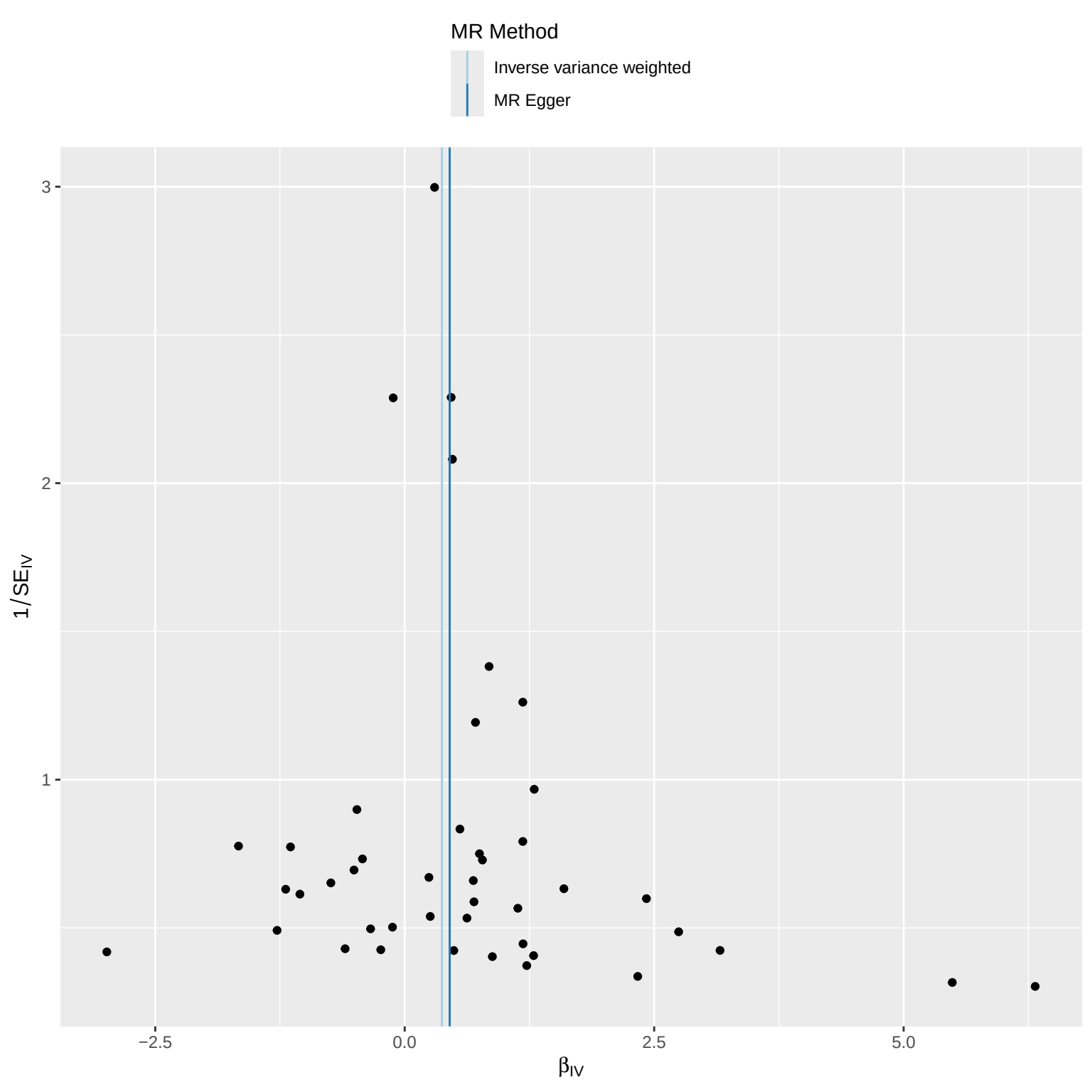

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

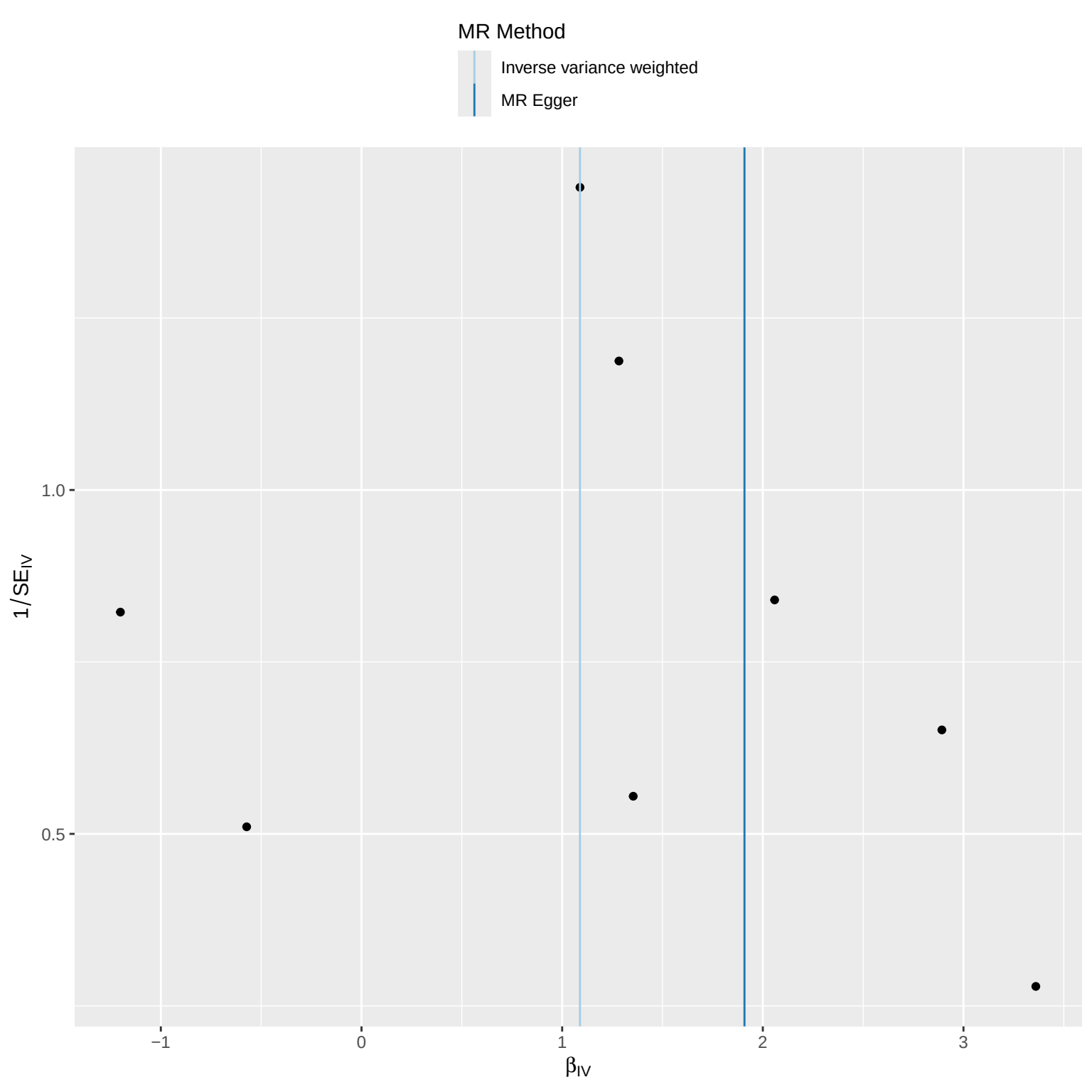

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

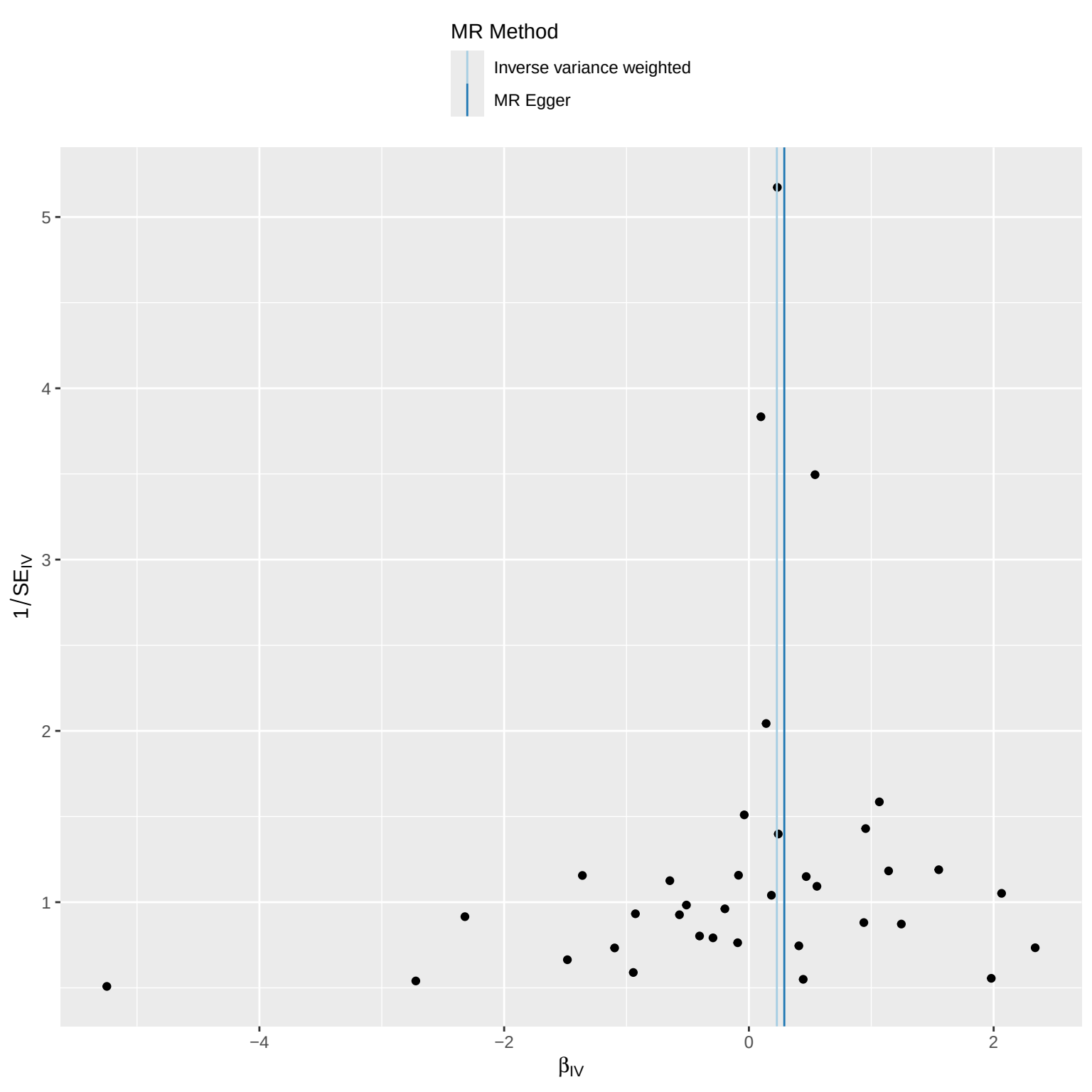

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

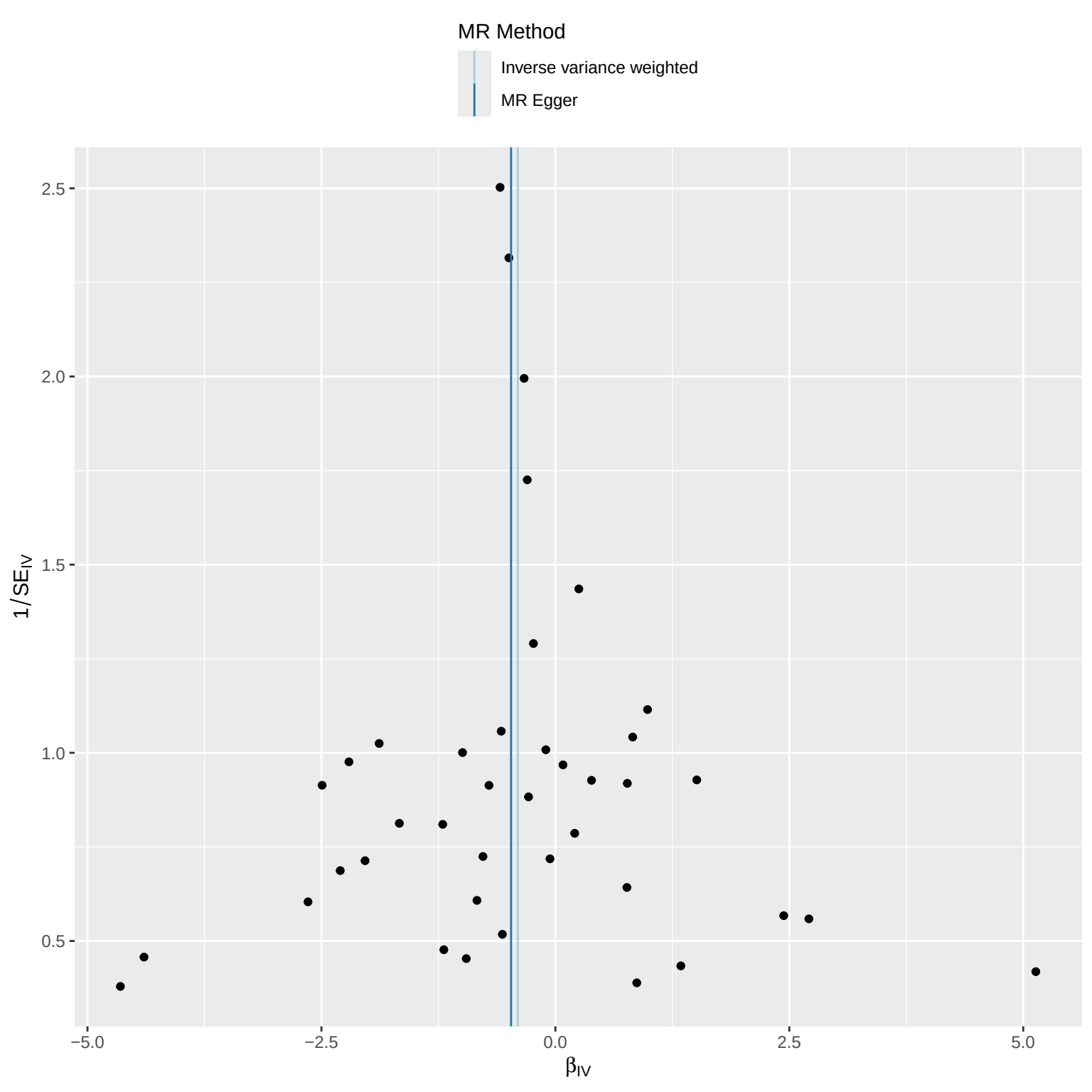

MR Method
Inverse variance weighted
MR Egger
0.60
0.55
0.50
0.45
1/SE_IV
0
1
2
3
β_IV

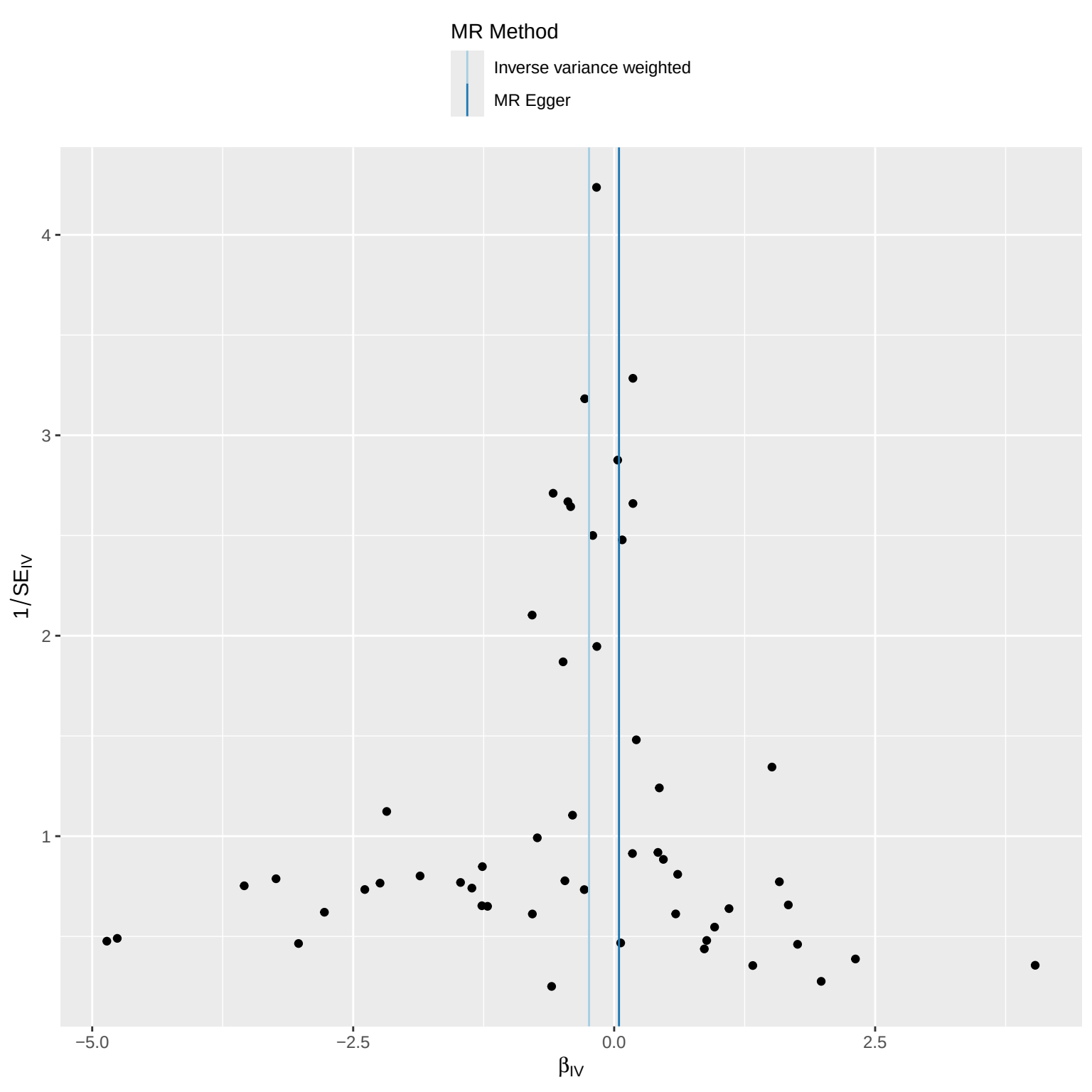

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

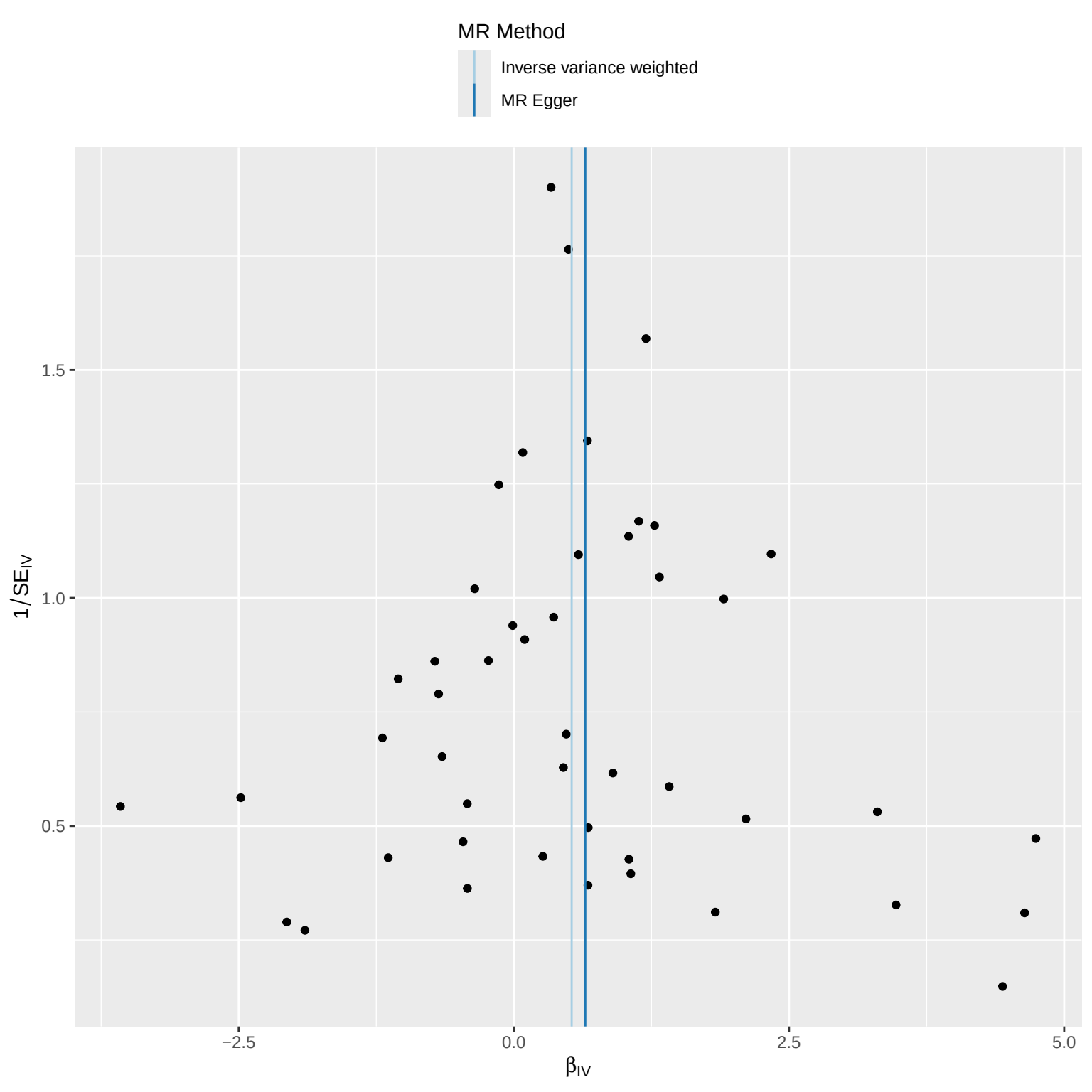

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

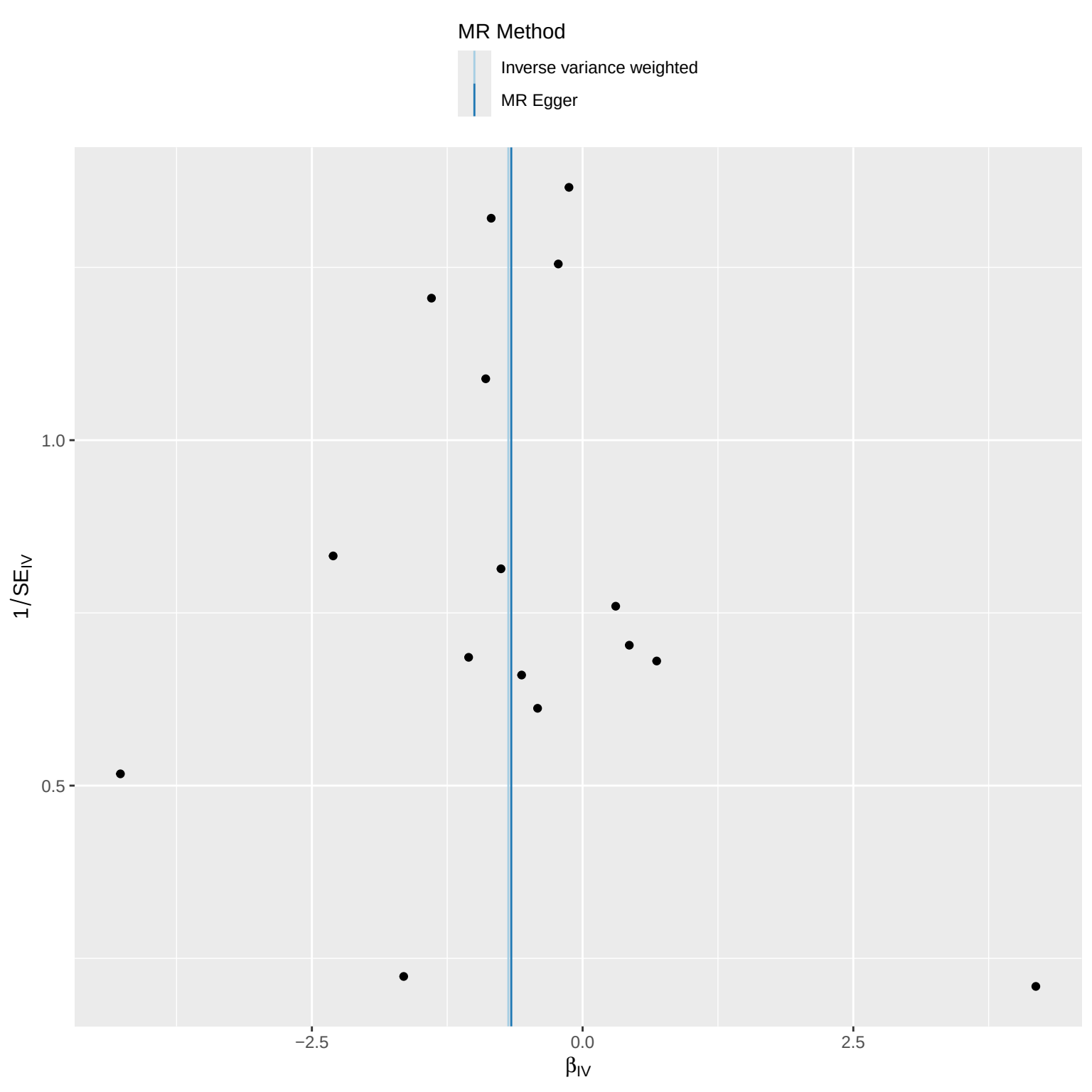

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

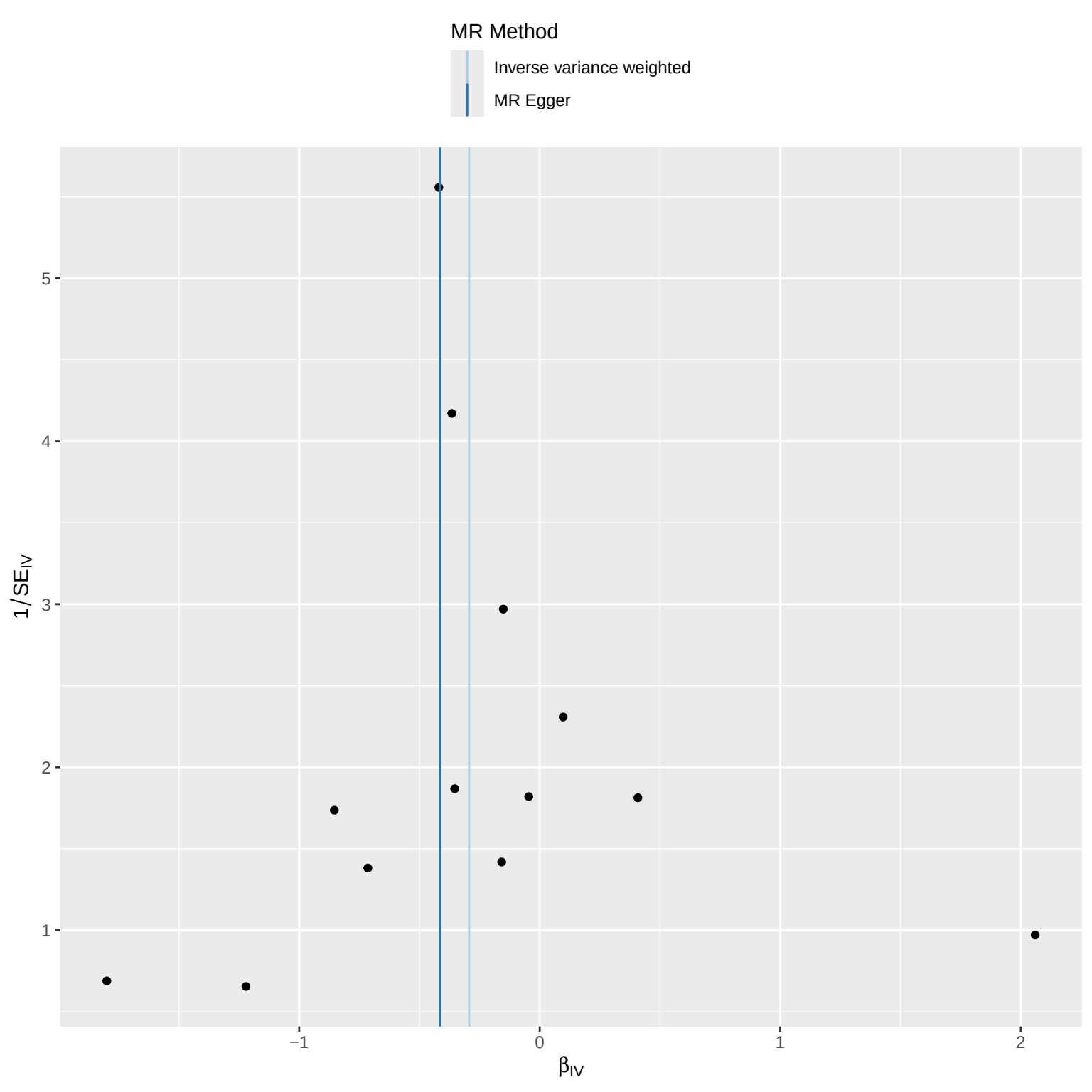

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

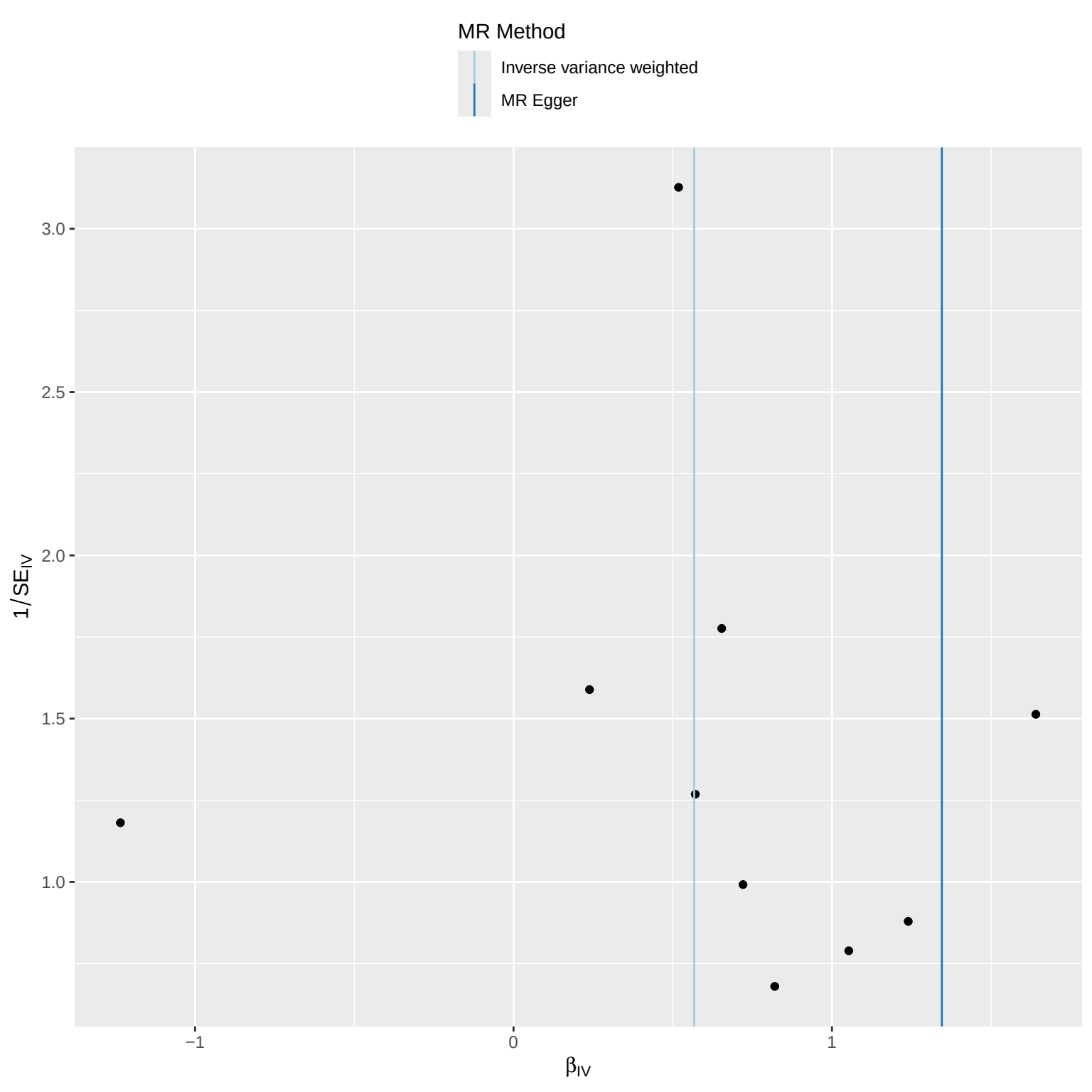

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

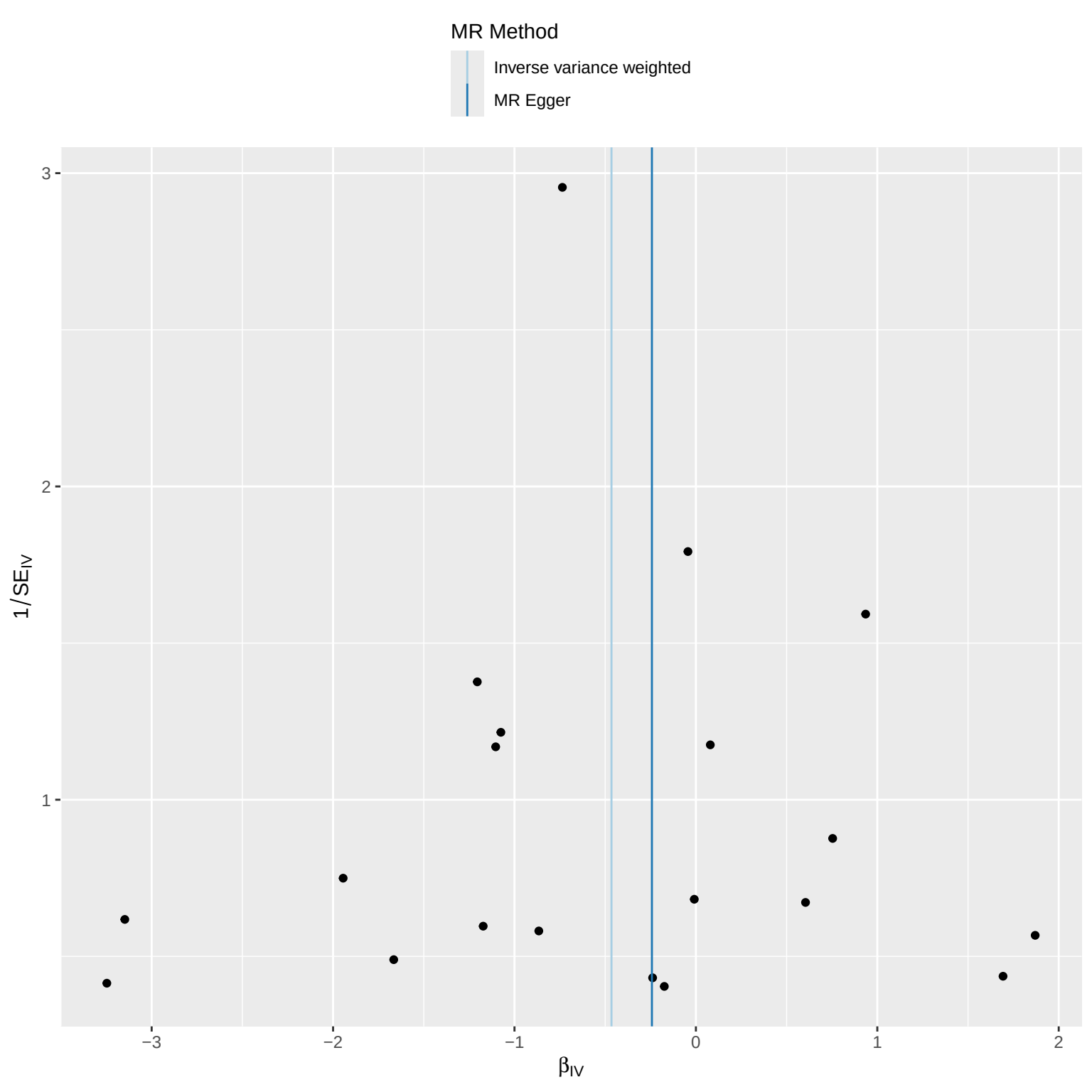

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

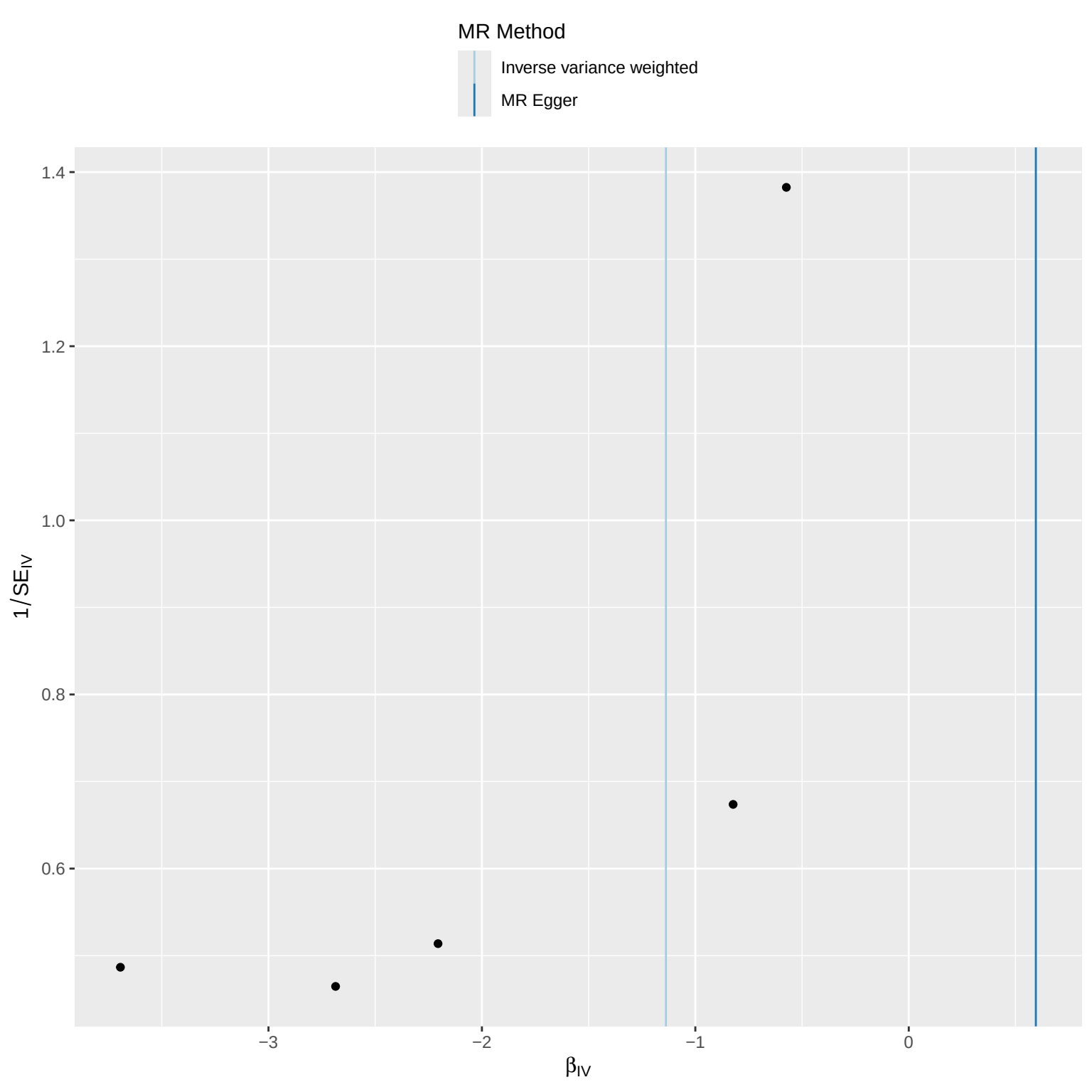

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

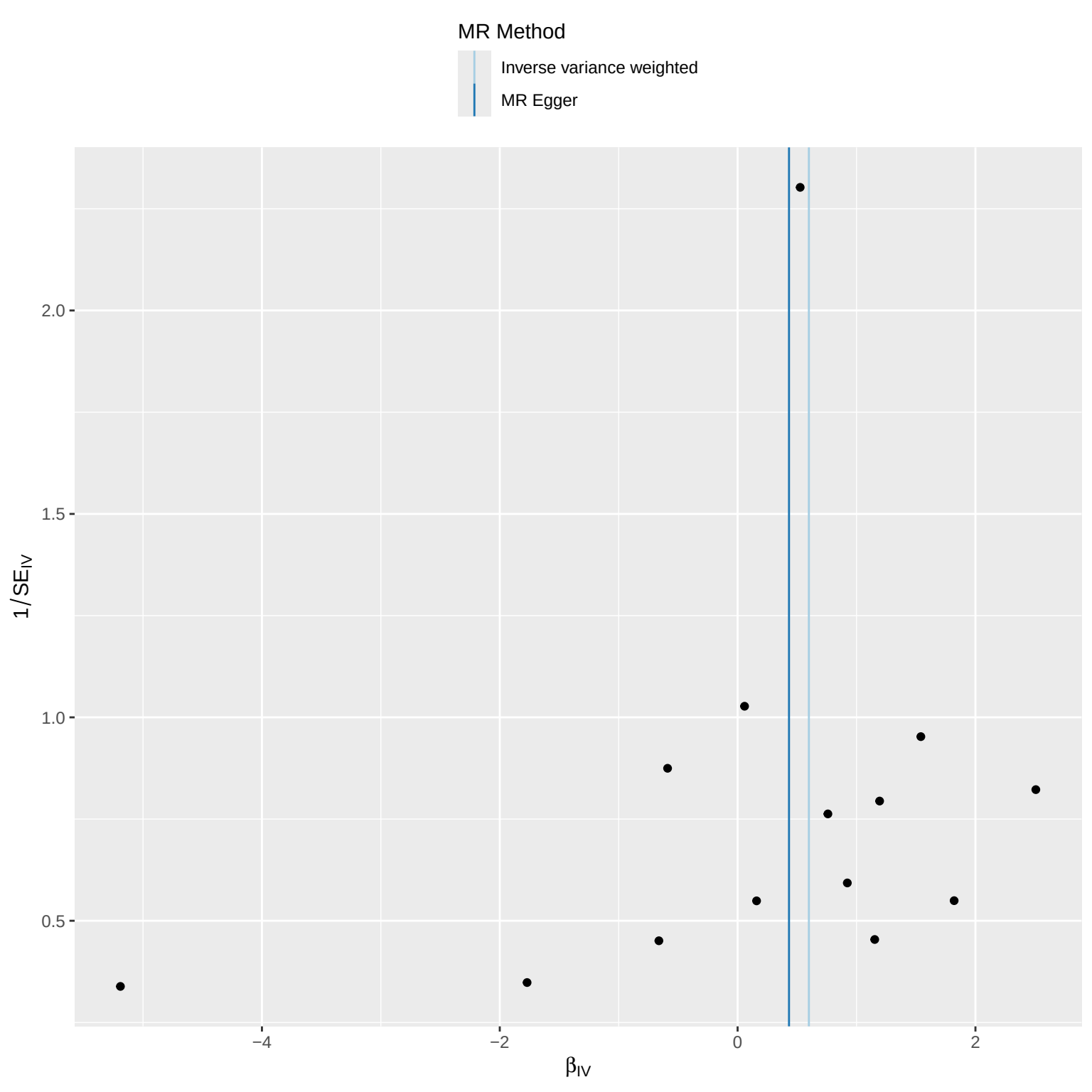

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

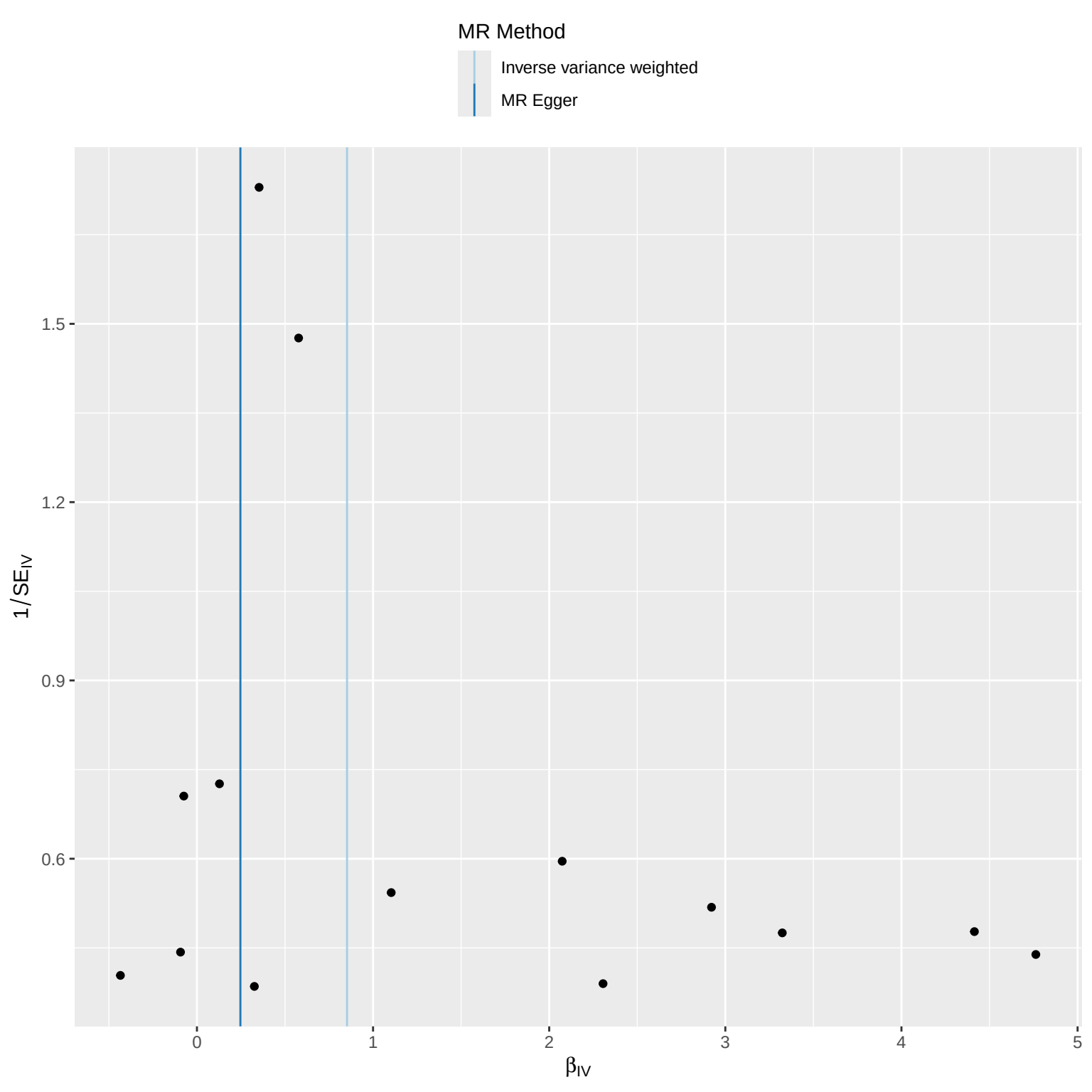

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

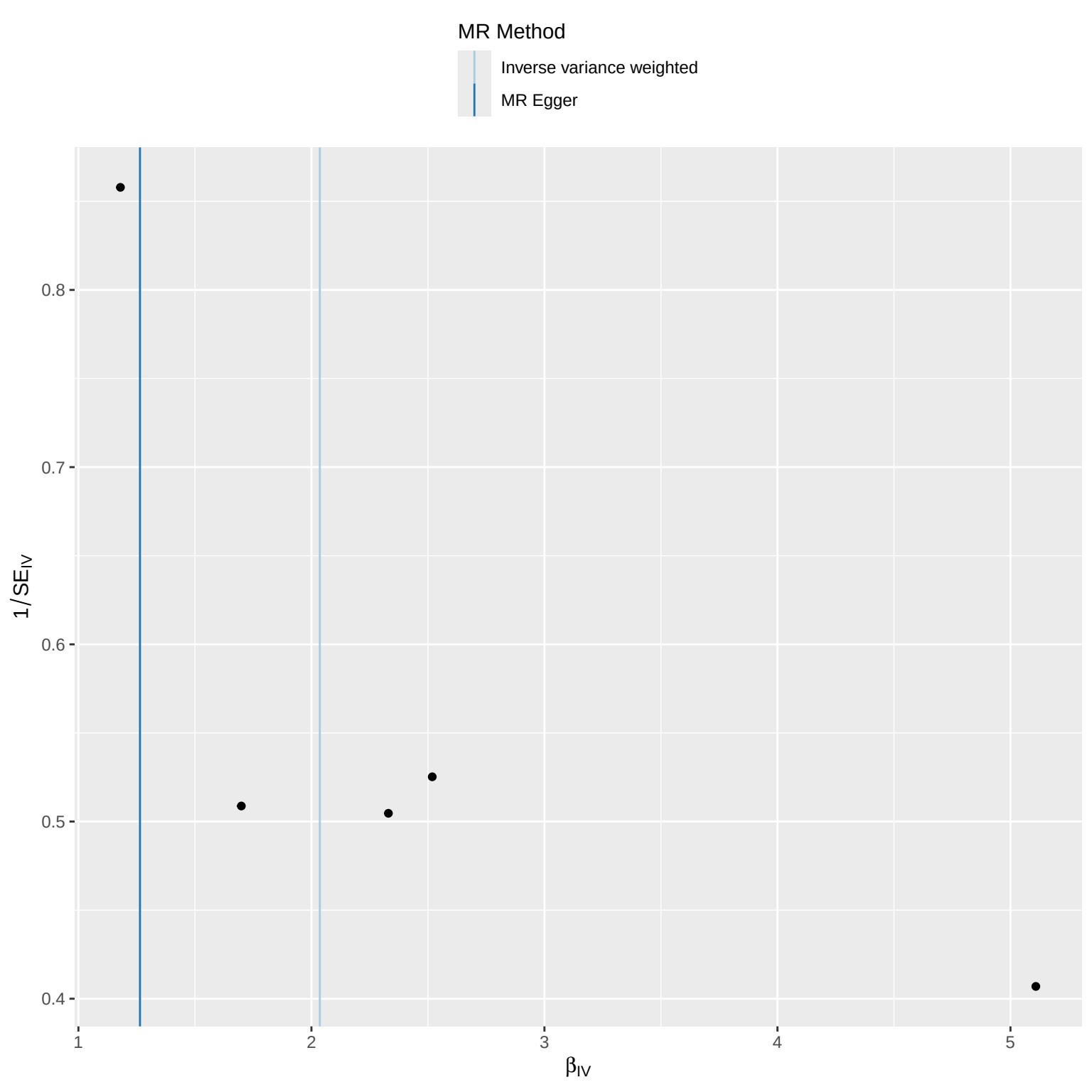

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

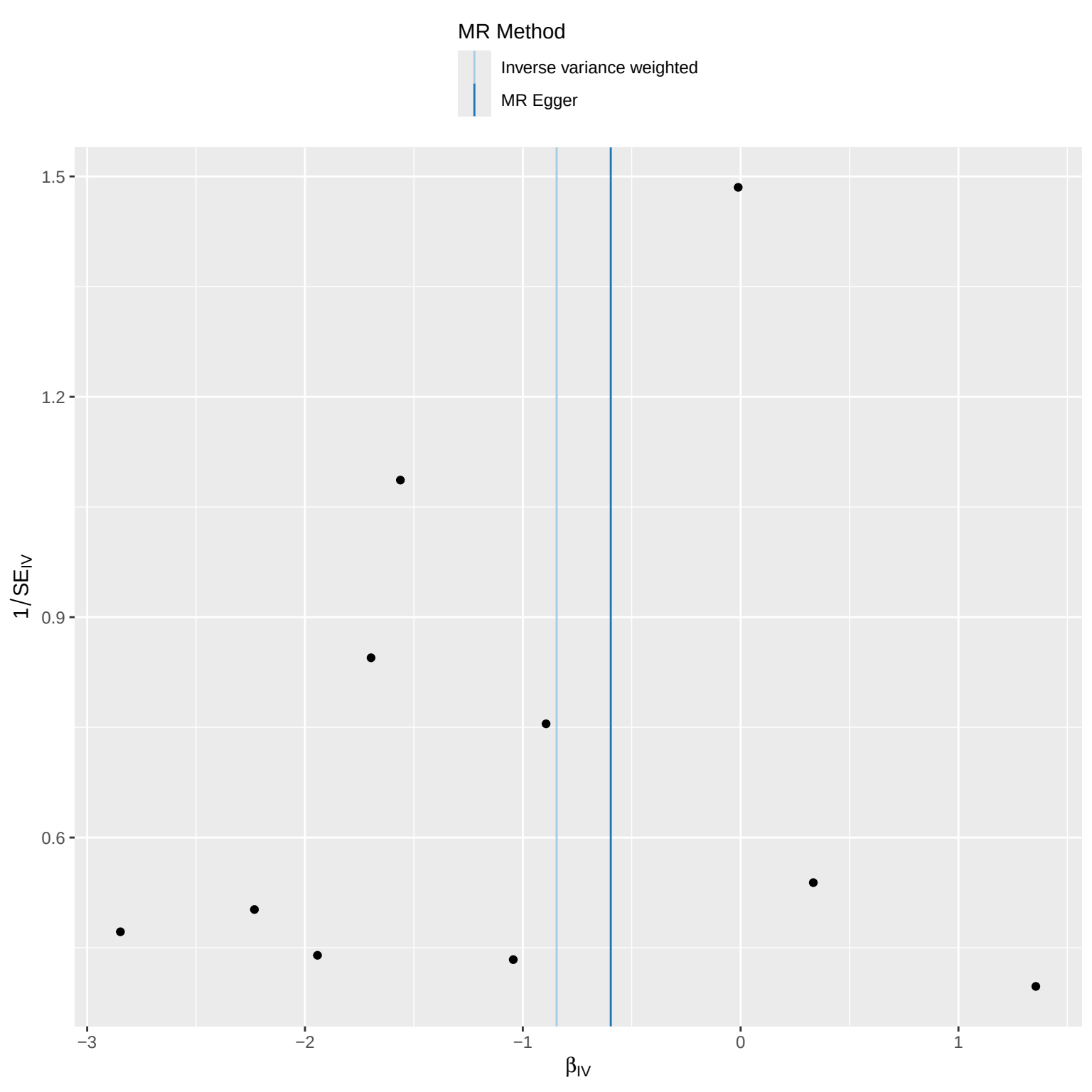

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

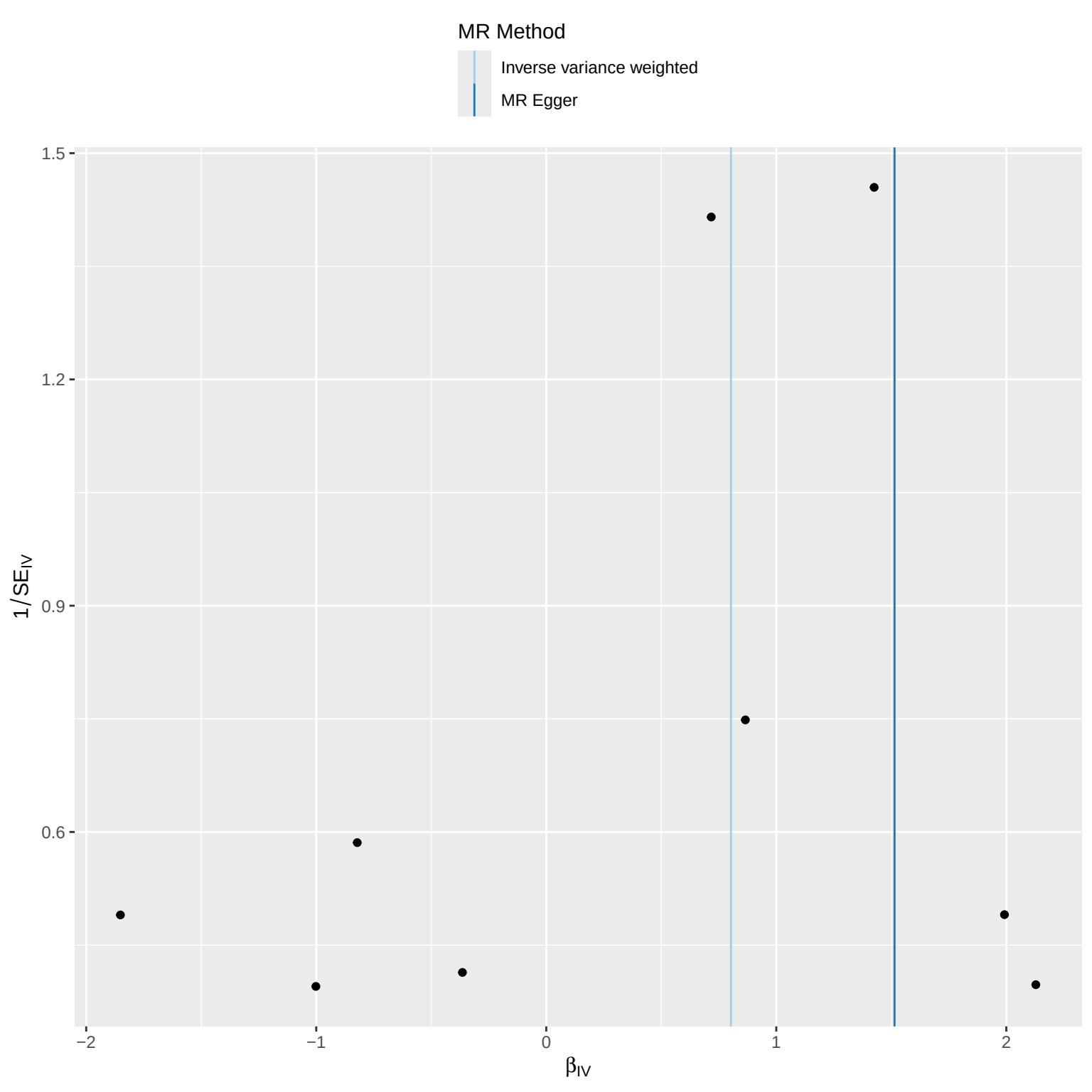

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
β_IV

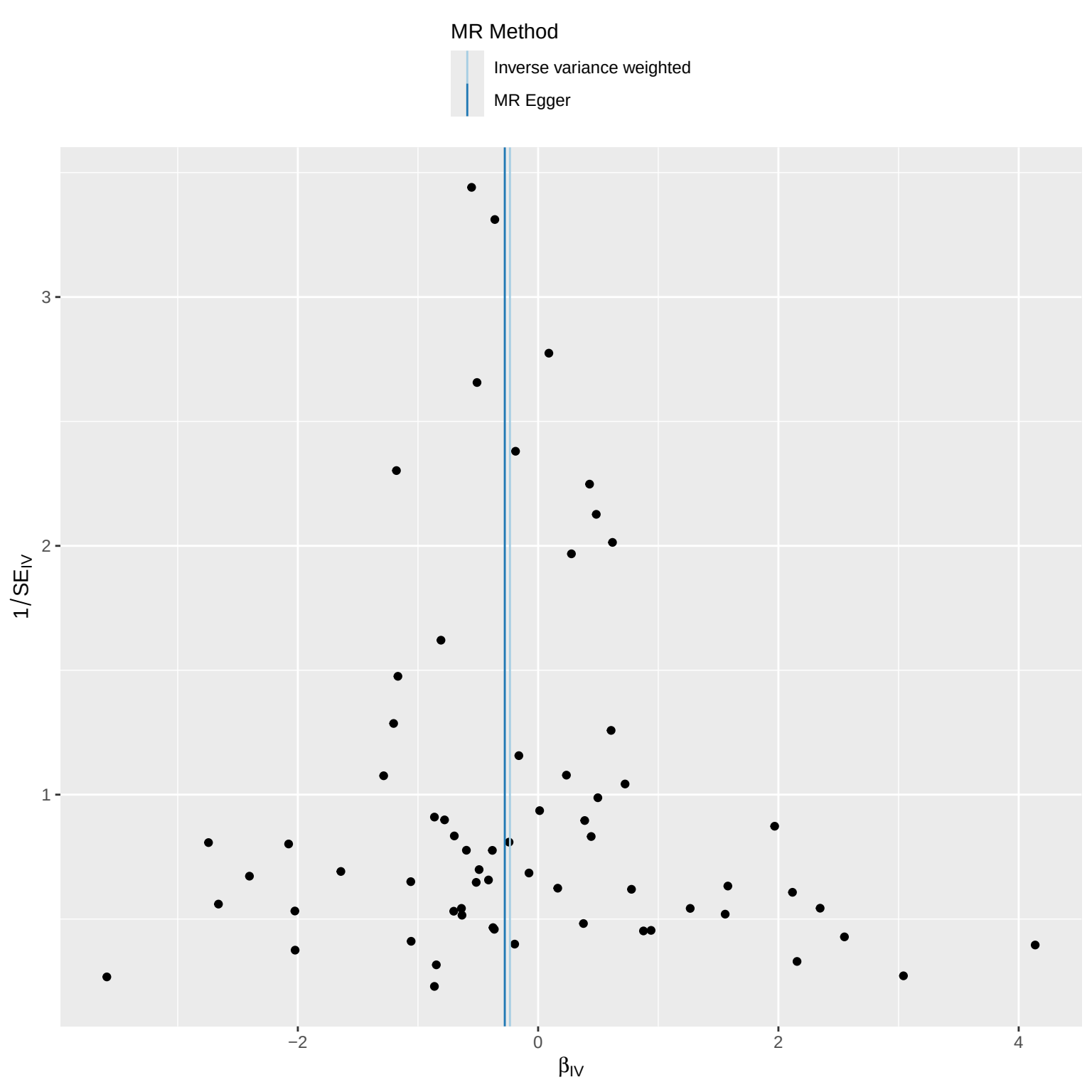

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

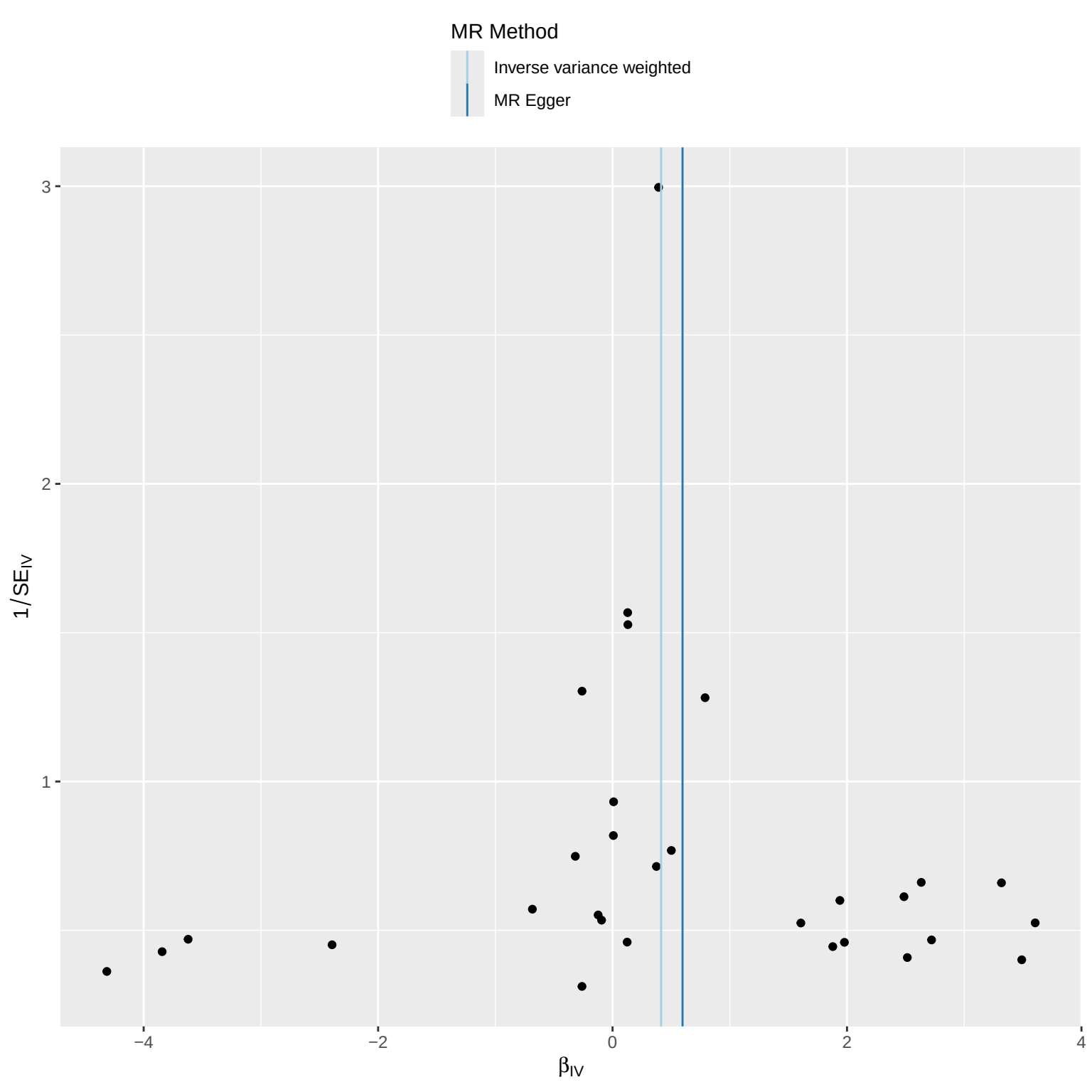

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0
1
2
3
4
5
β_IV

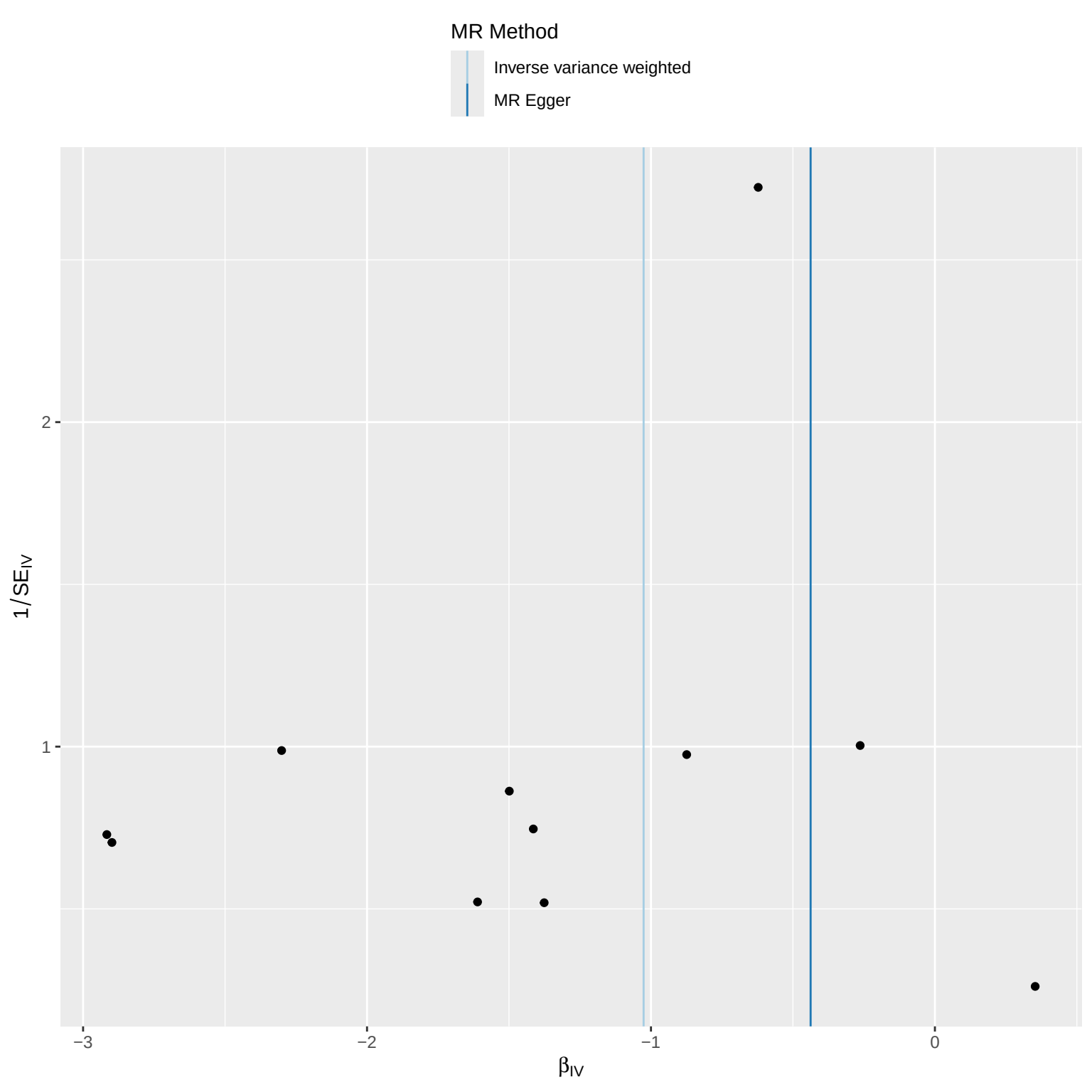

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
1
2
3
4
5
β_IV

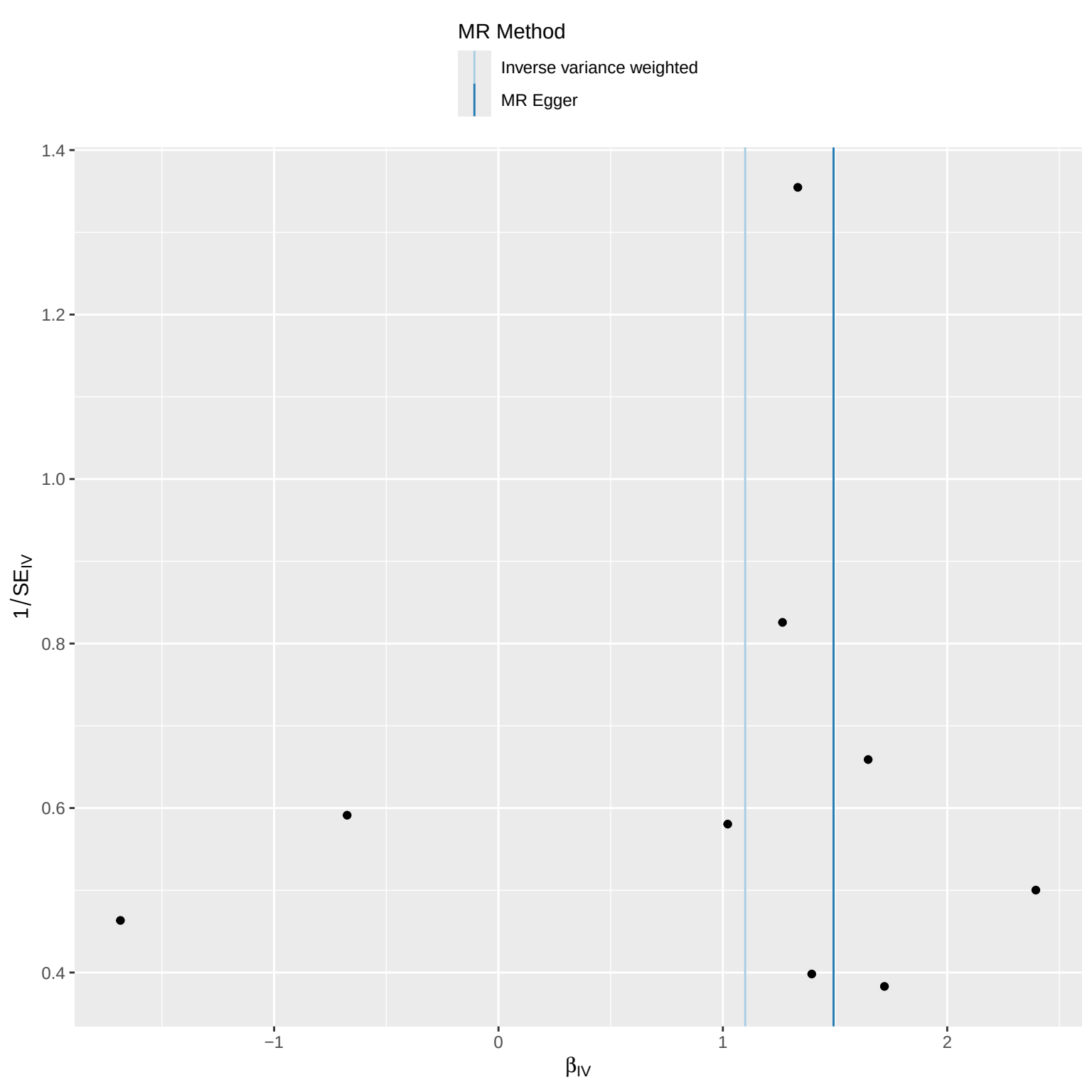

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

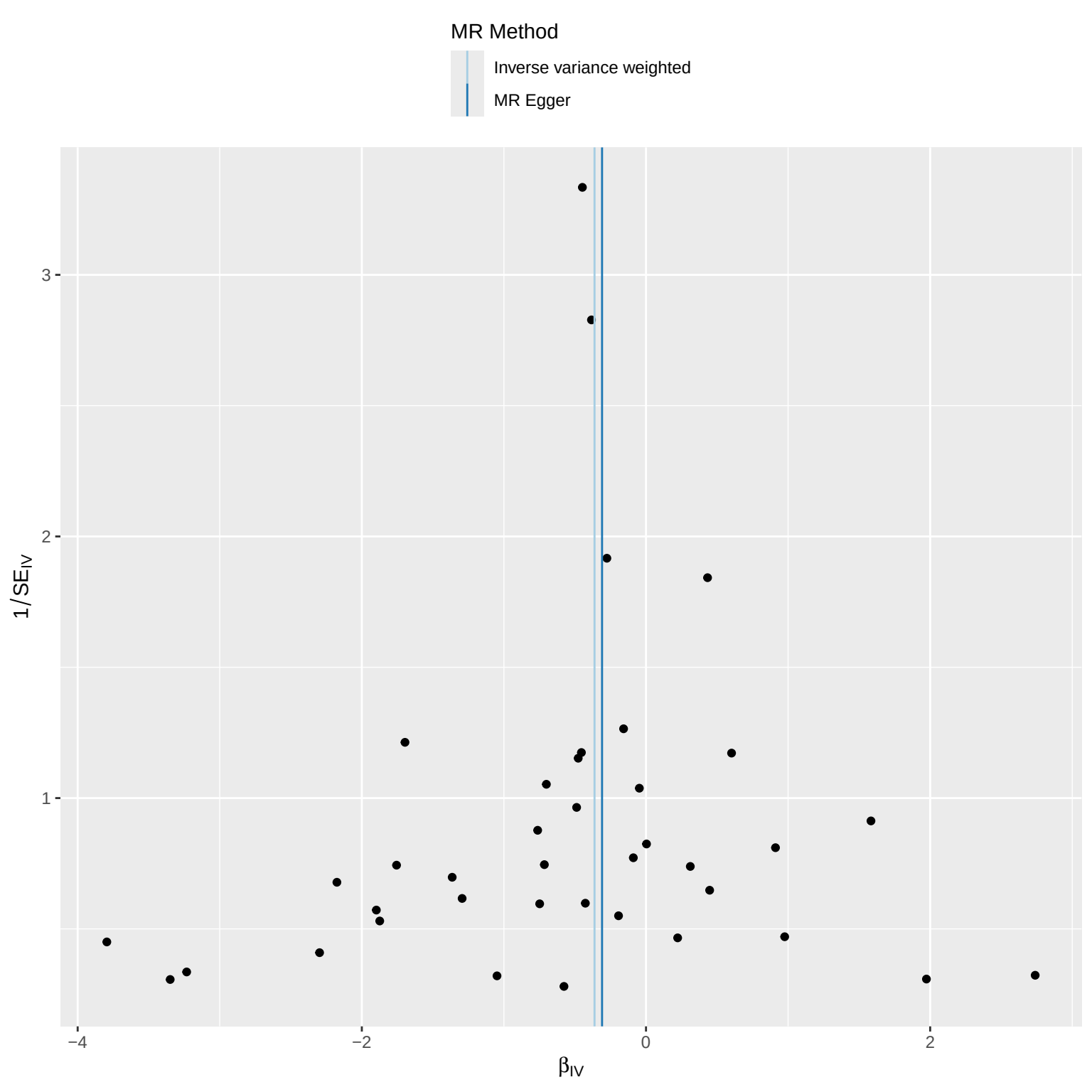

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
2
β_IV

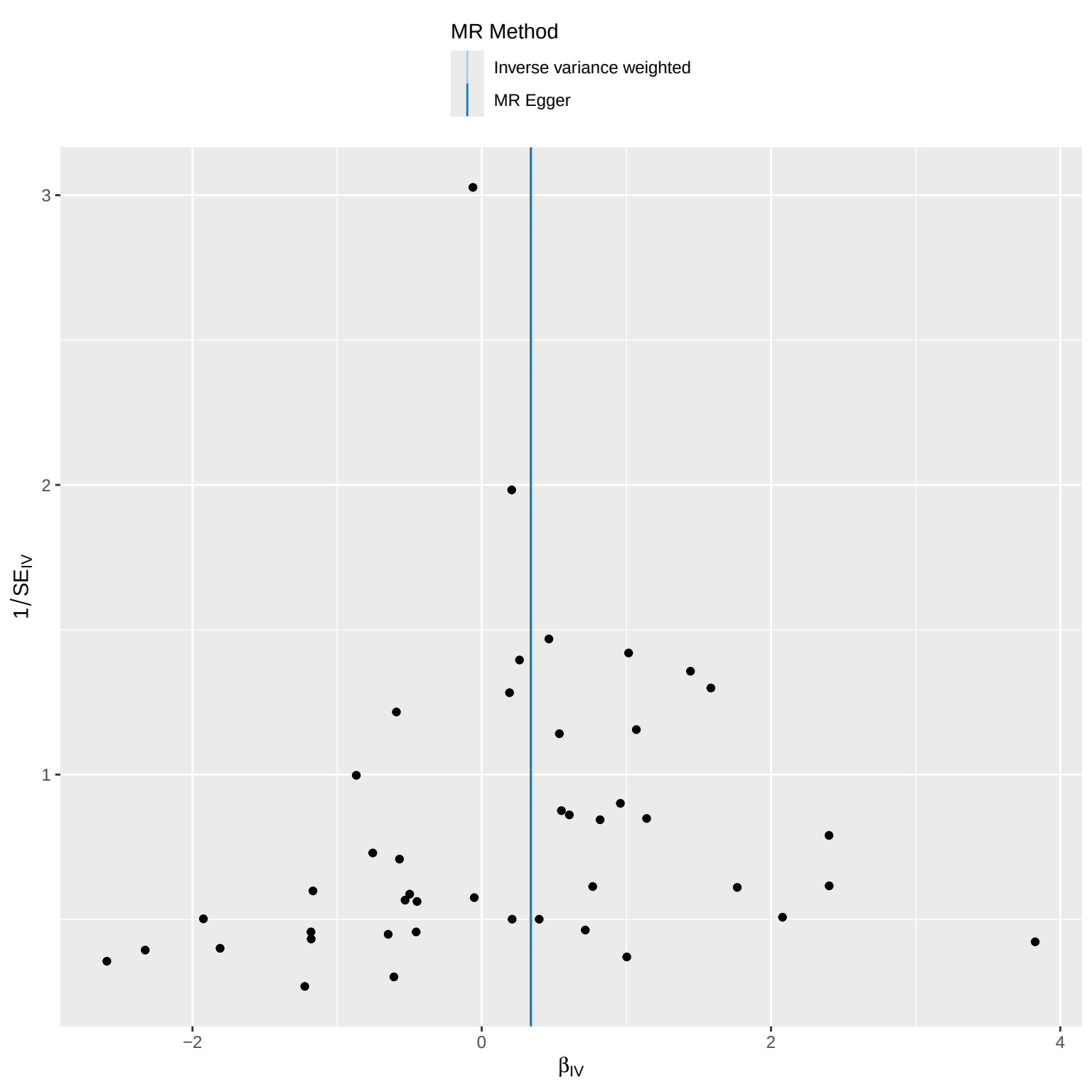

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

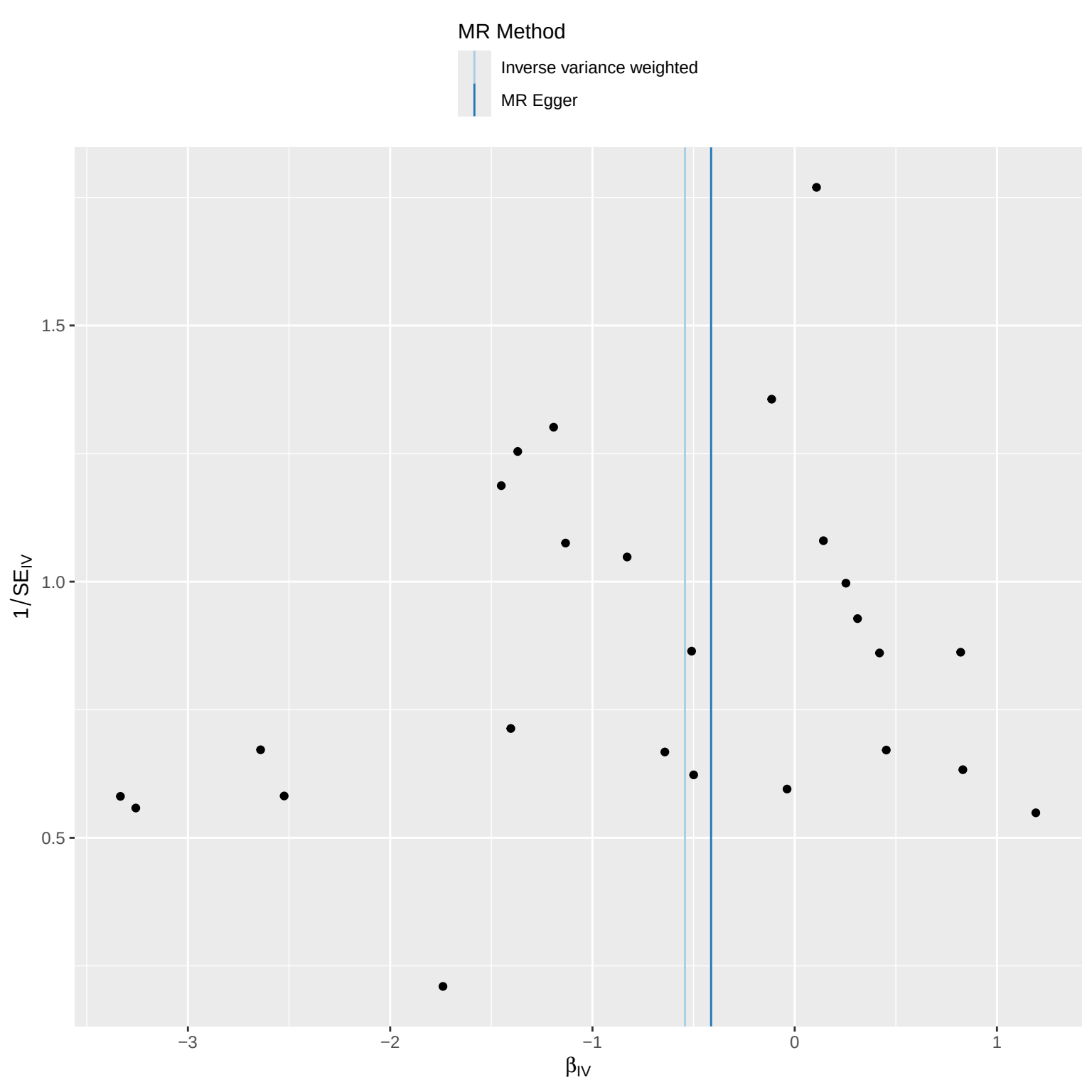

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

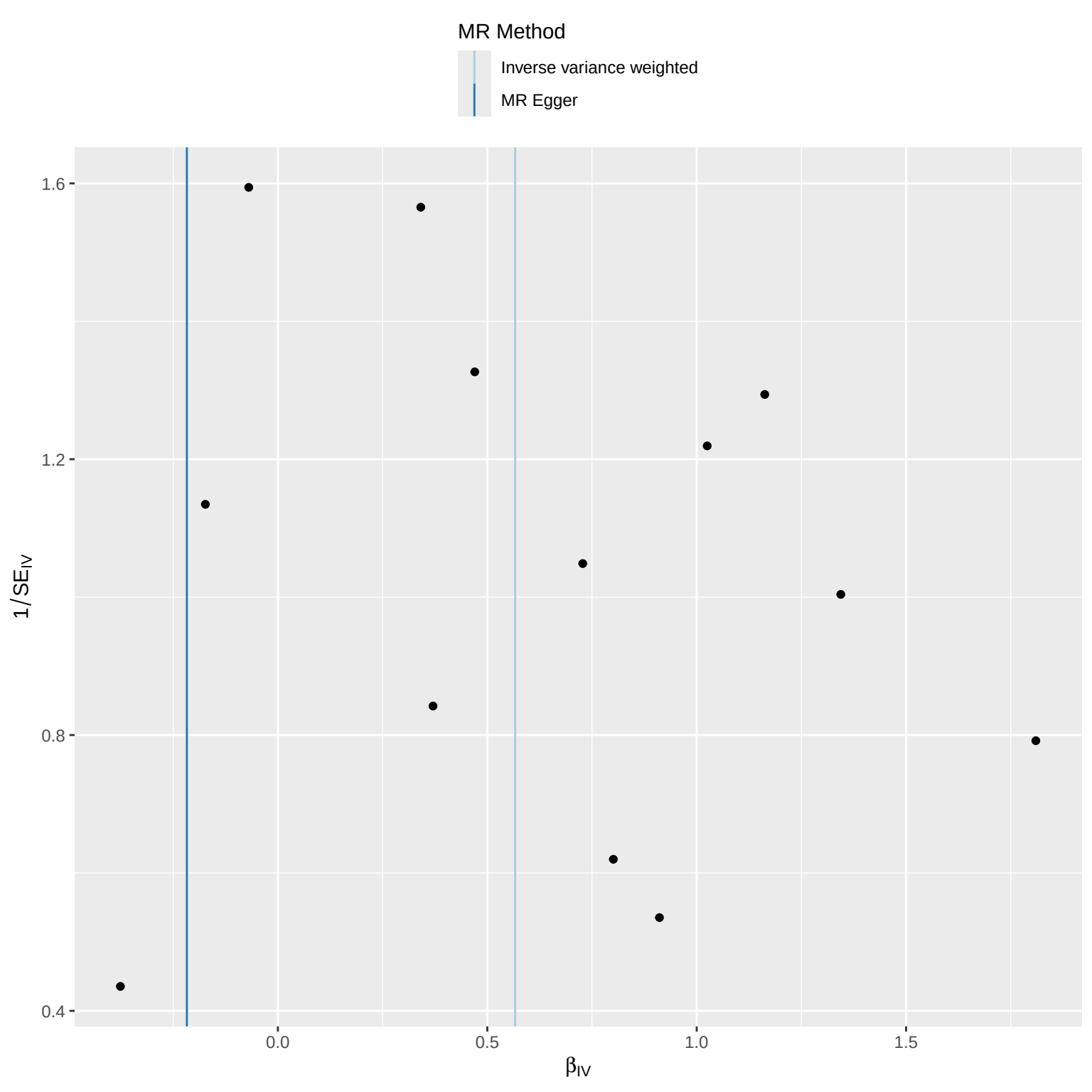

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
β_IV

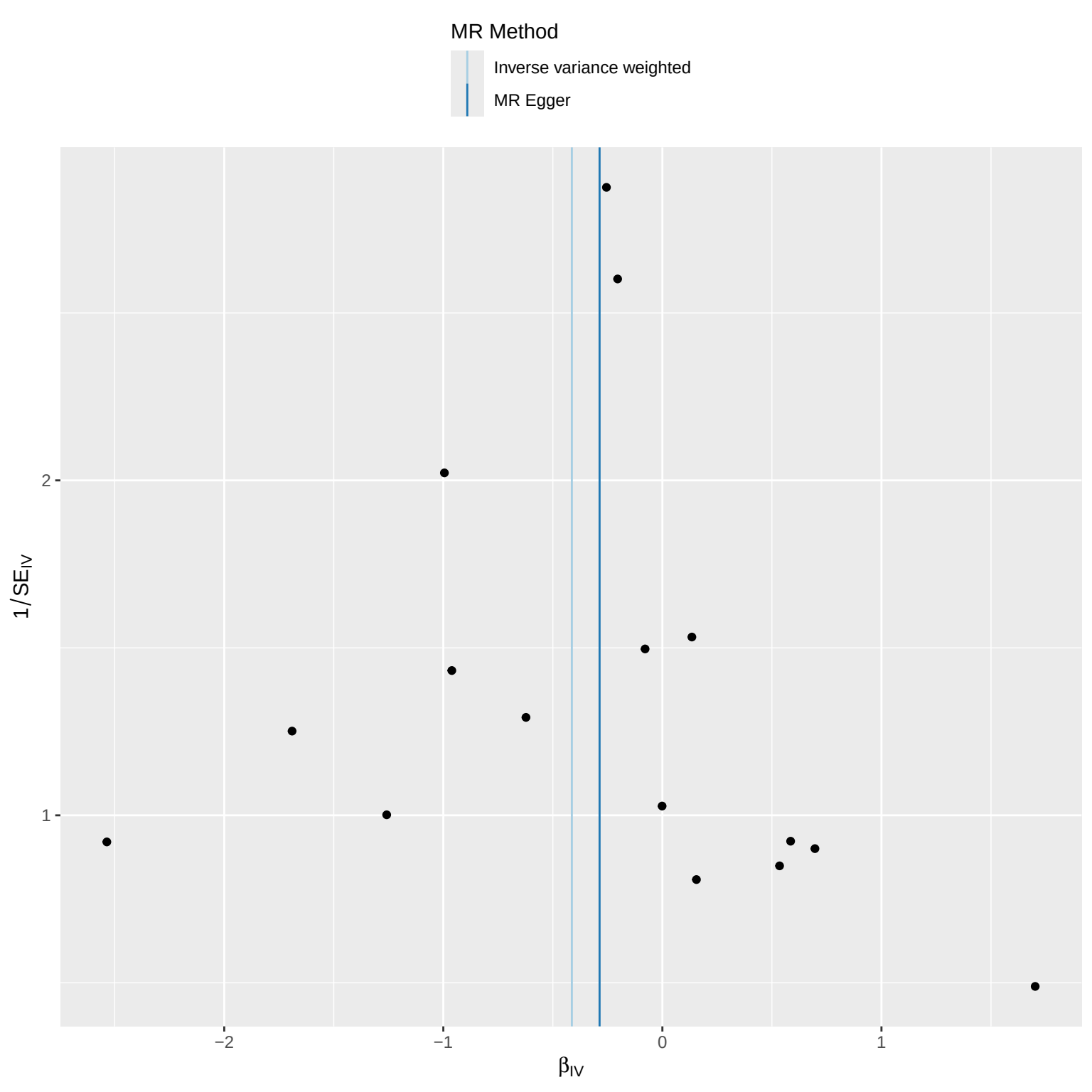

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−1
0
1
2
β_IV

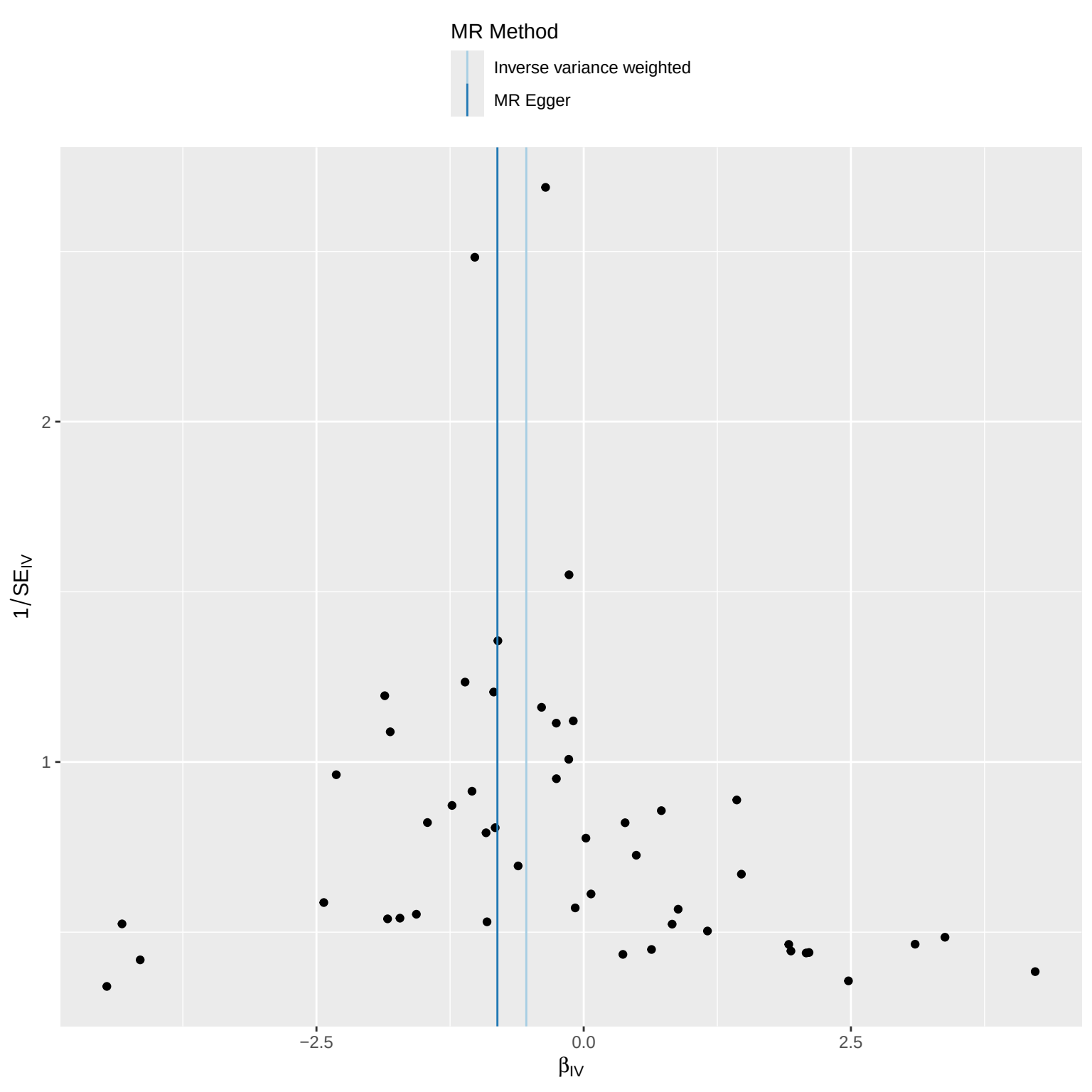

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

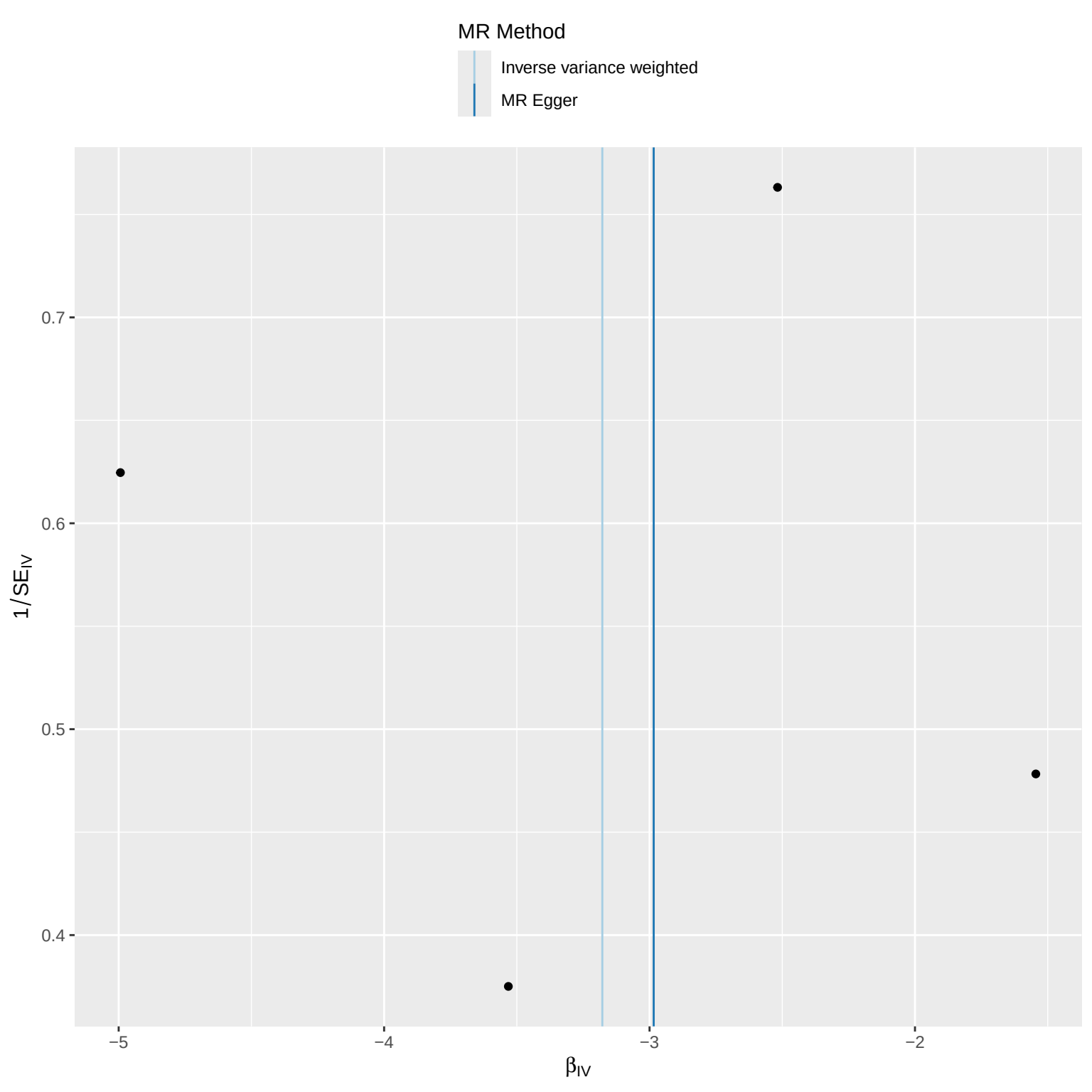

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

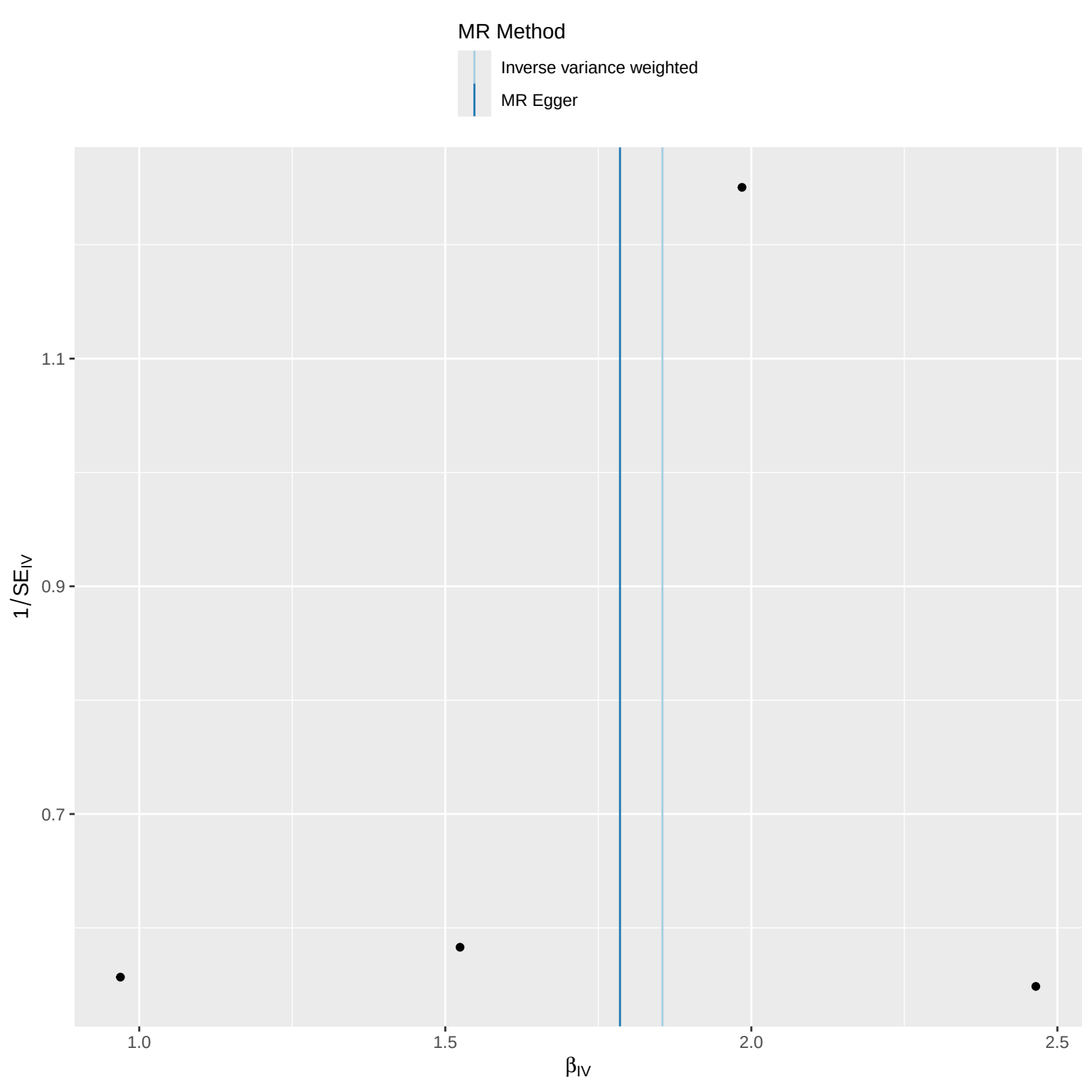

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

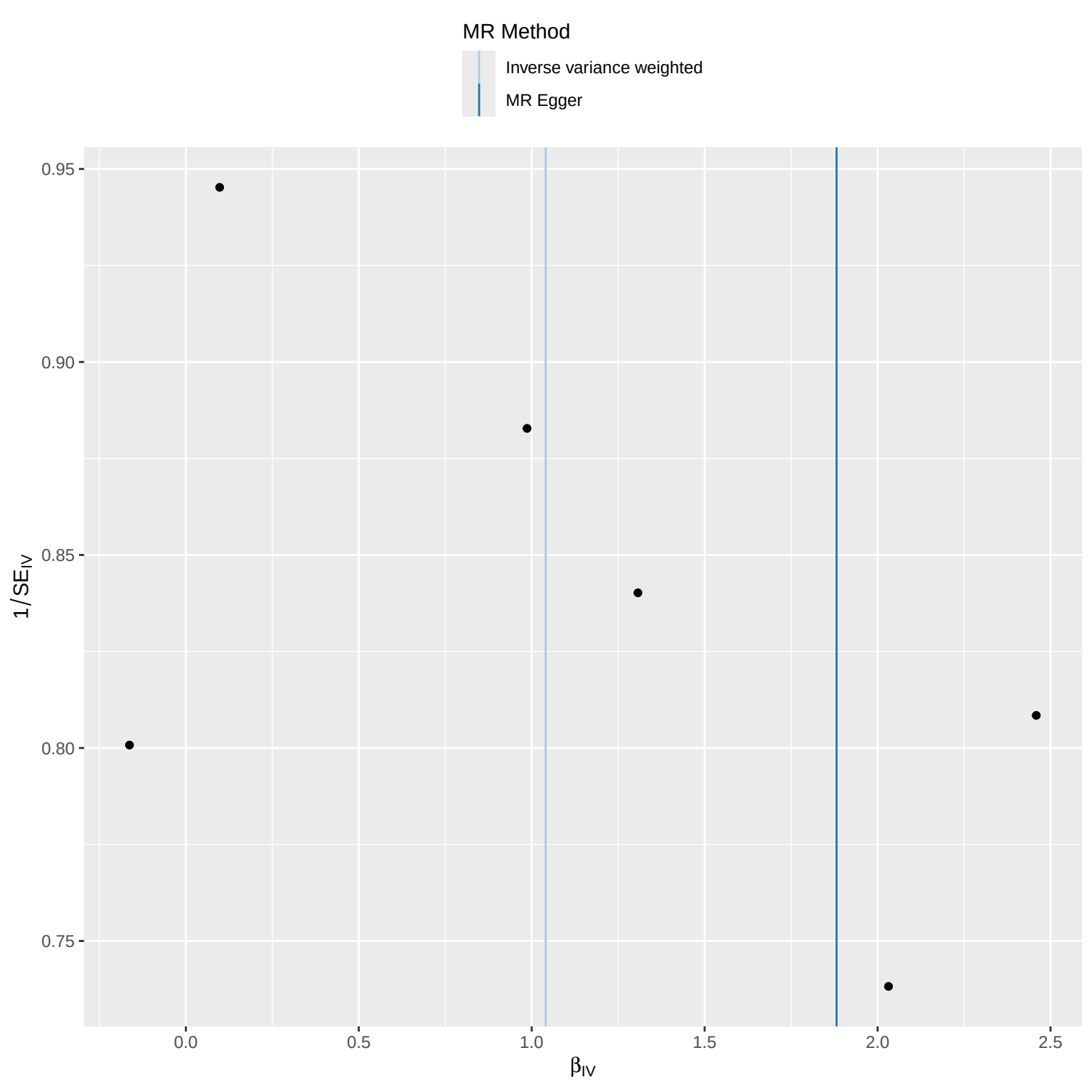

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

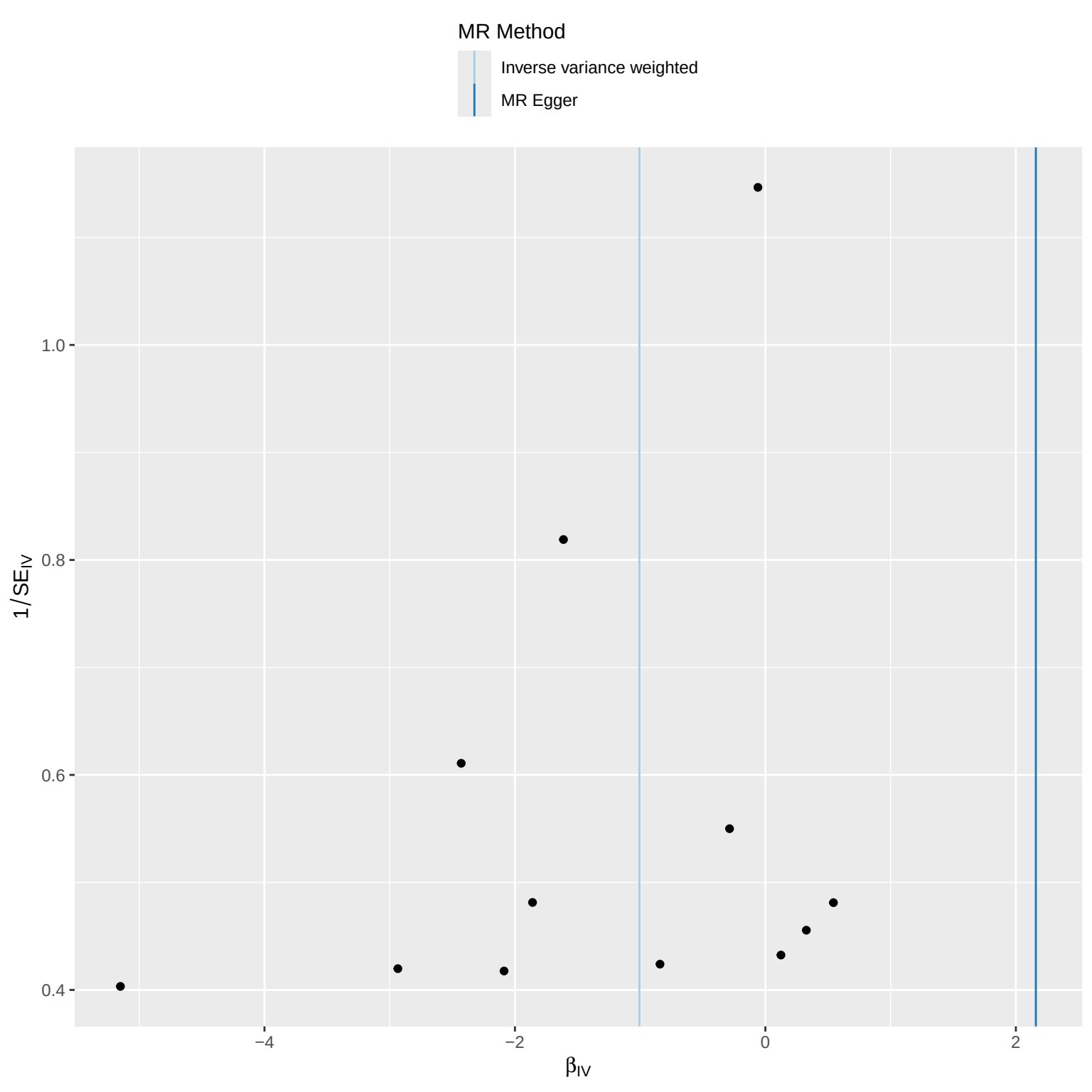

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

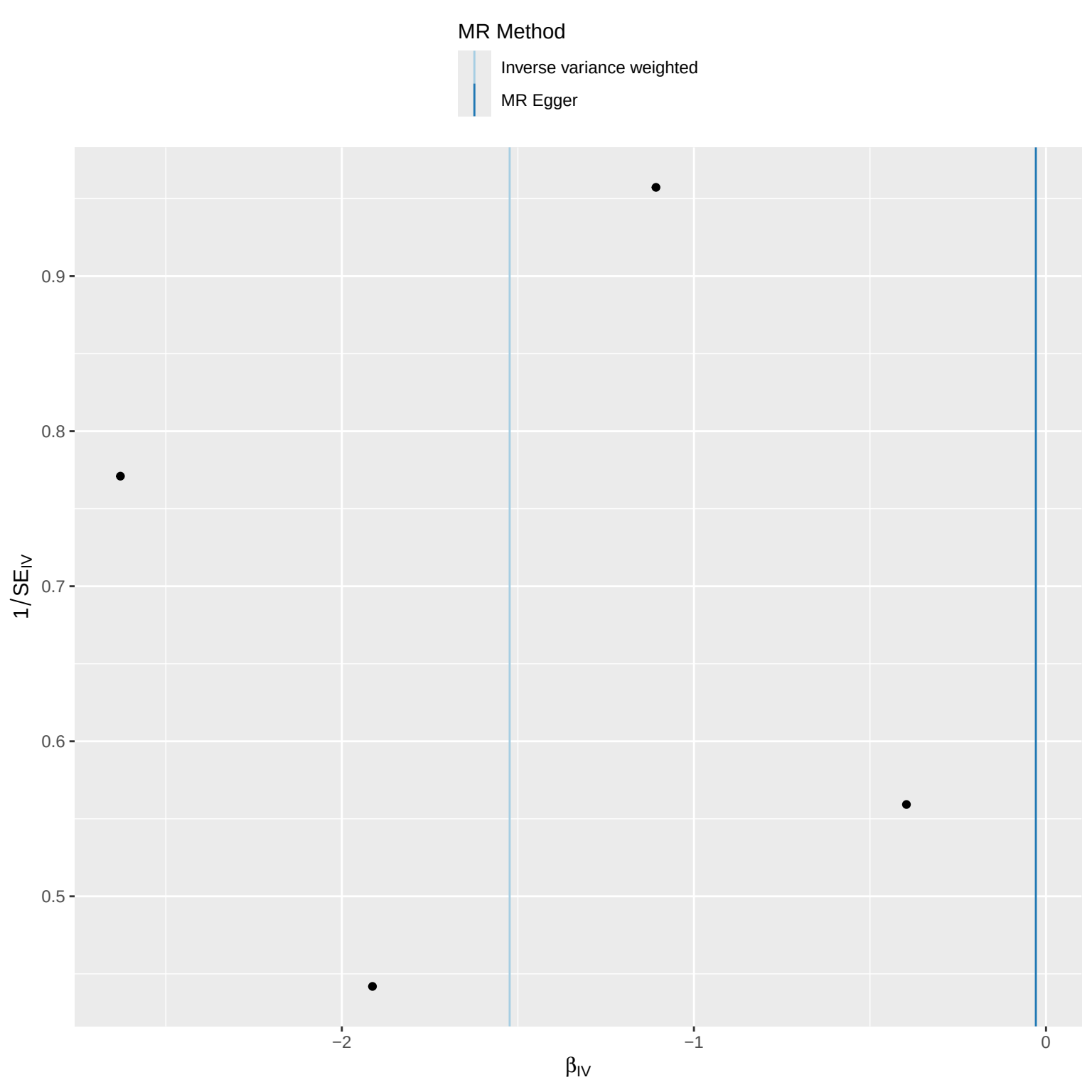

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

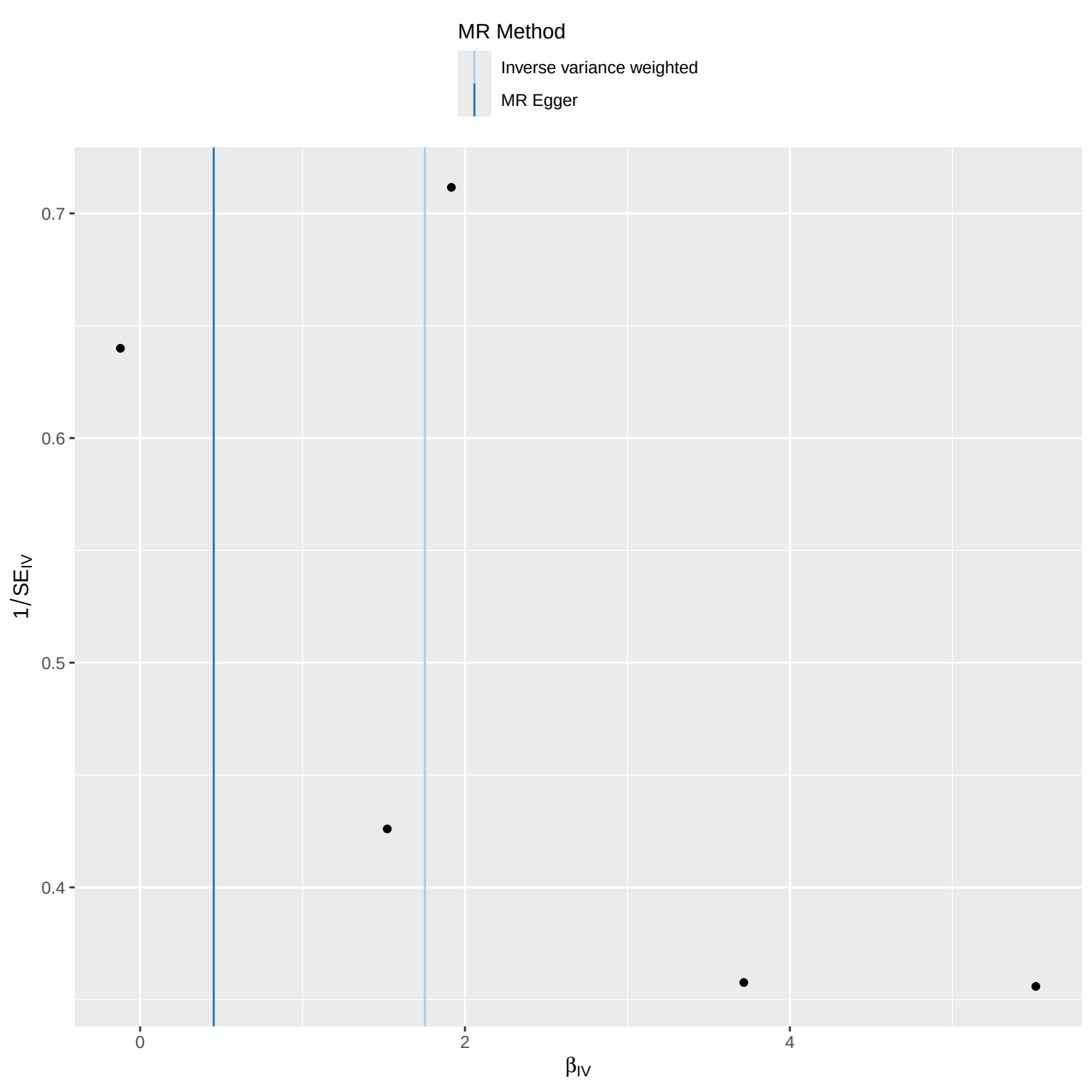

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
−5
−4
−3
−2
β_IV

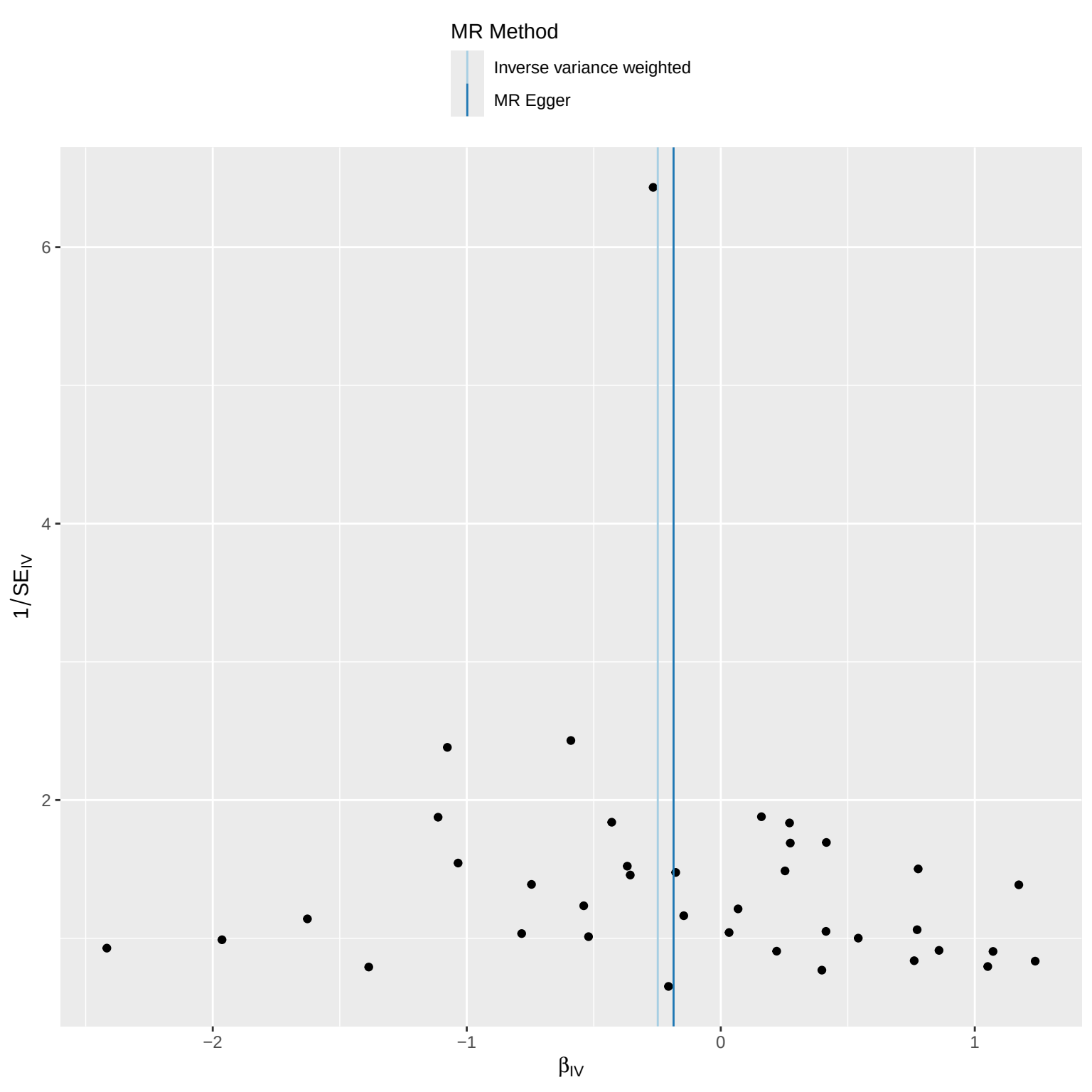

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

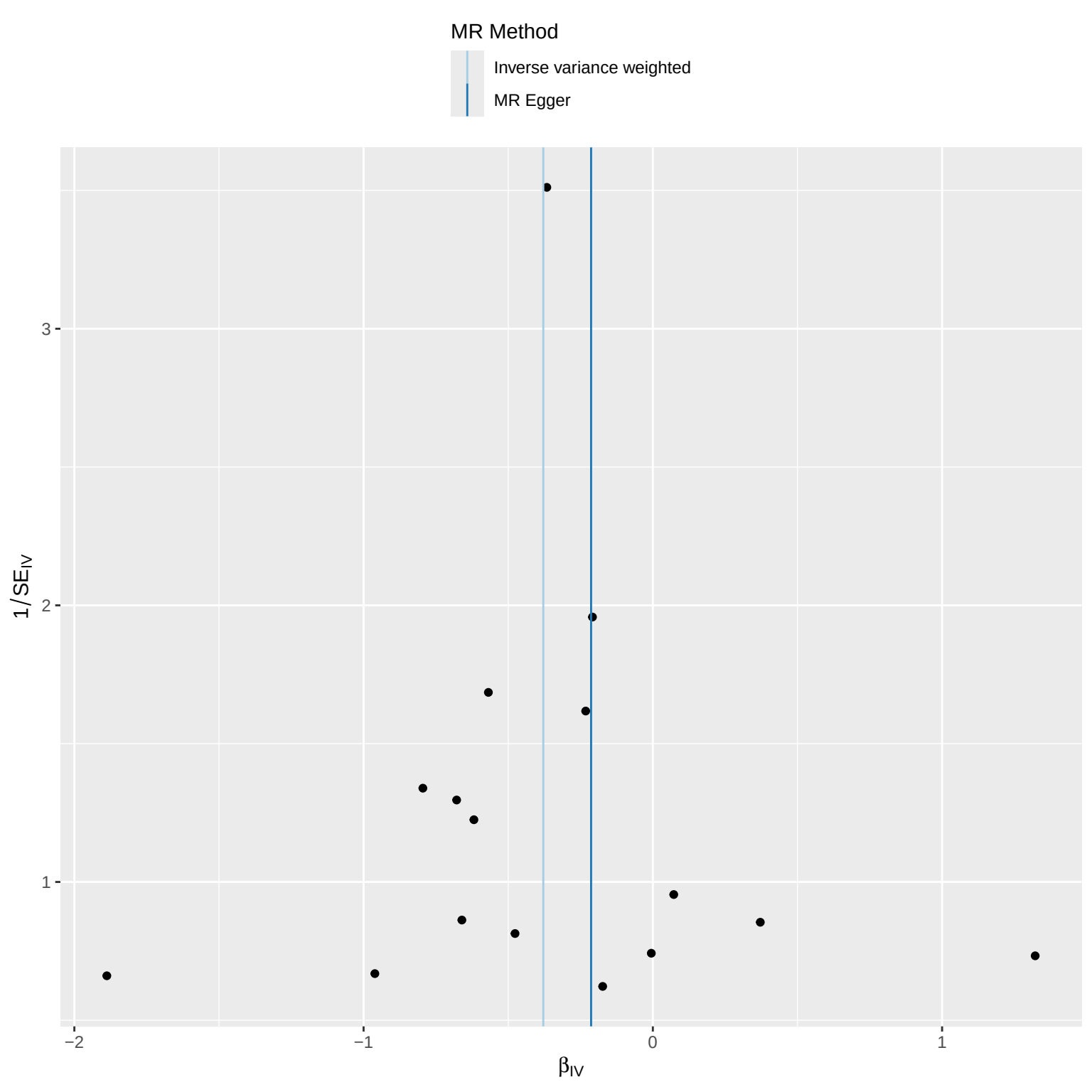

MR Method
Inverse variance weighted
MR Egger
0.95
0.90
0.85
0.80
0.75
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

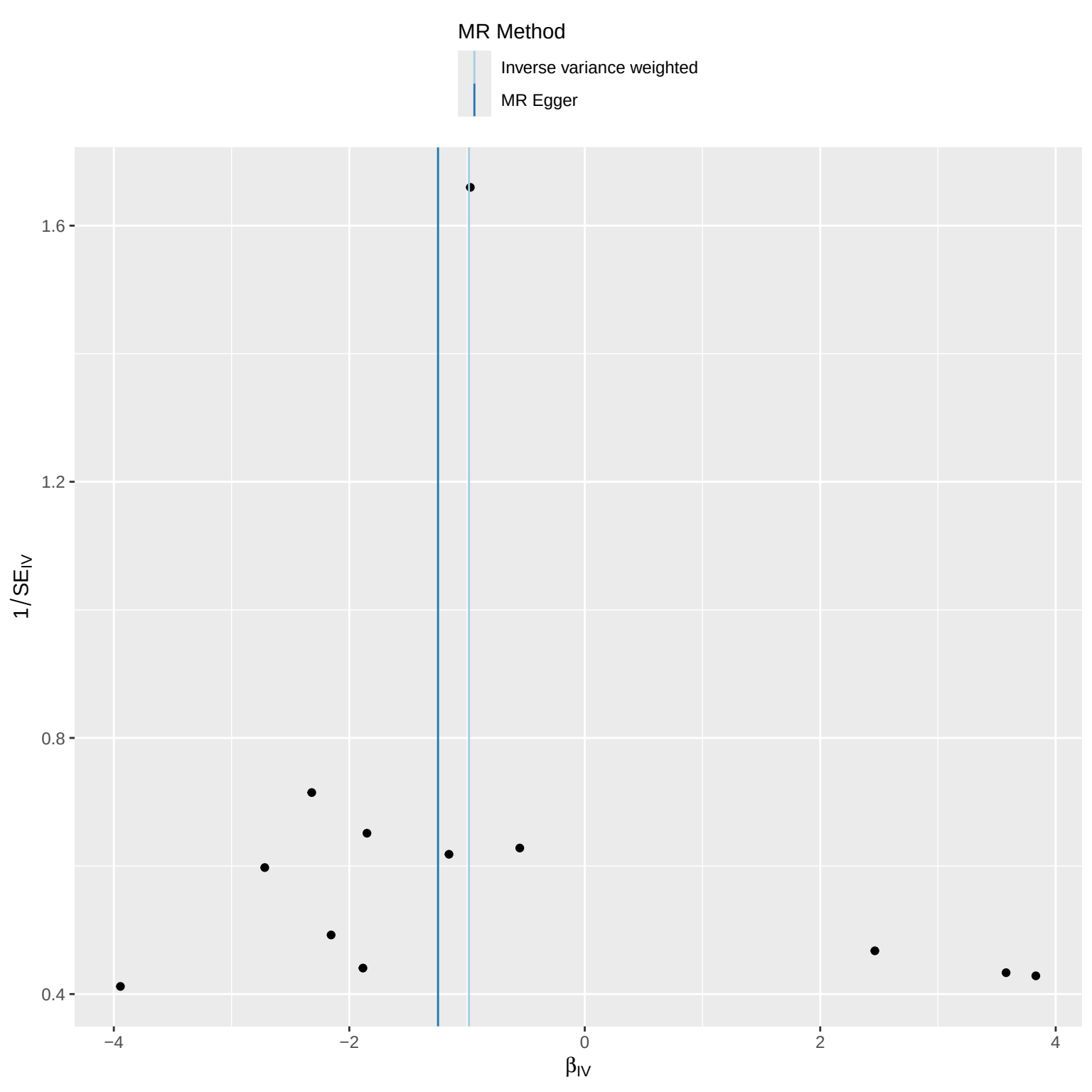

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−2
0
2
β_IV

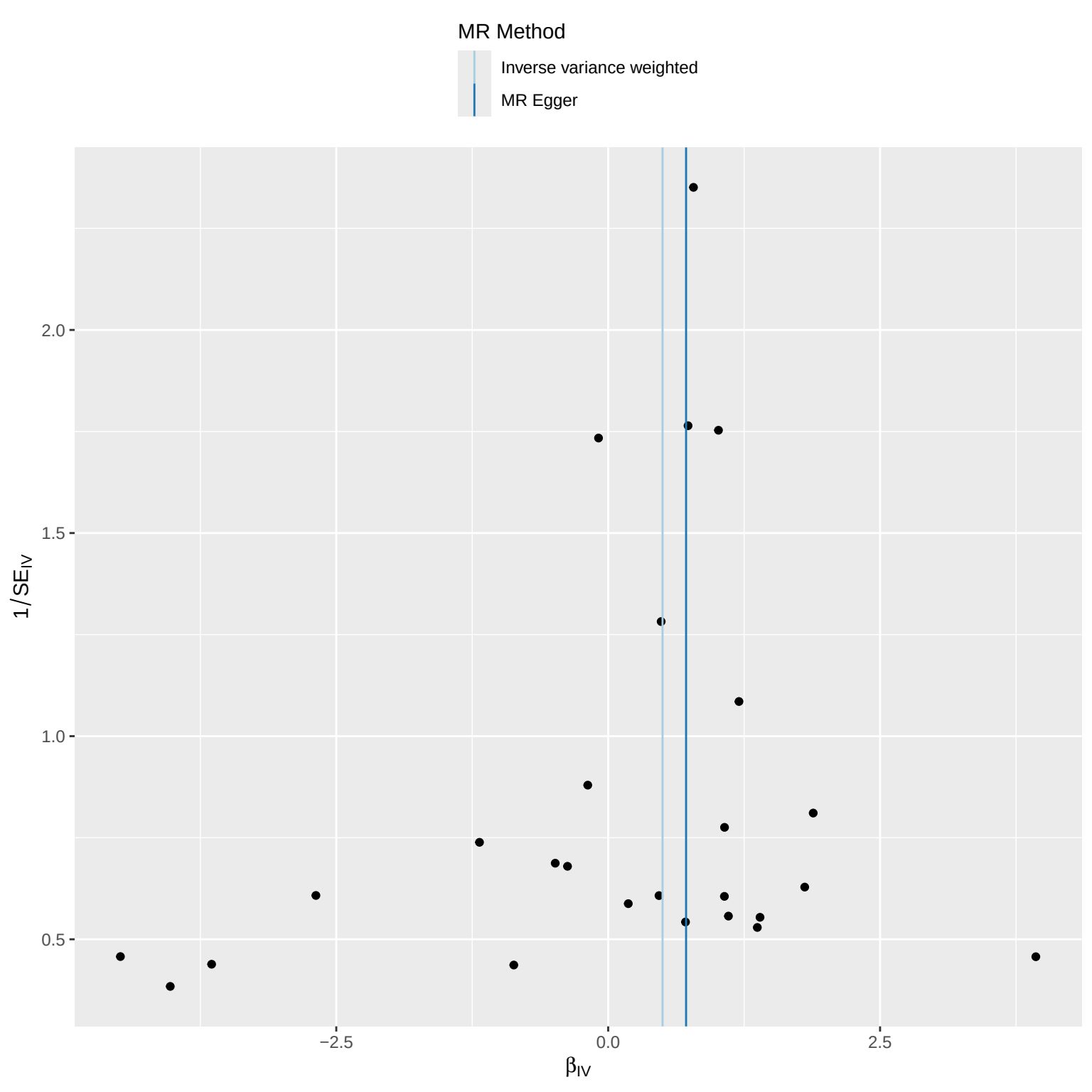

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−2
−1
0
β_IV

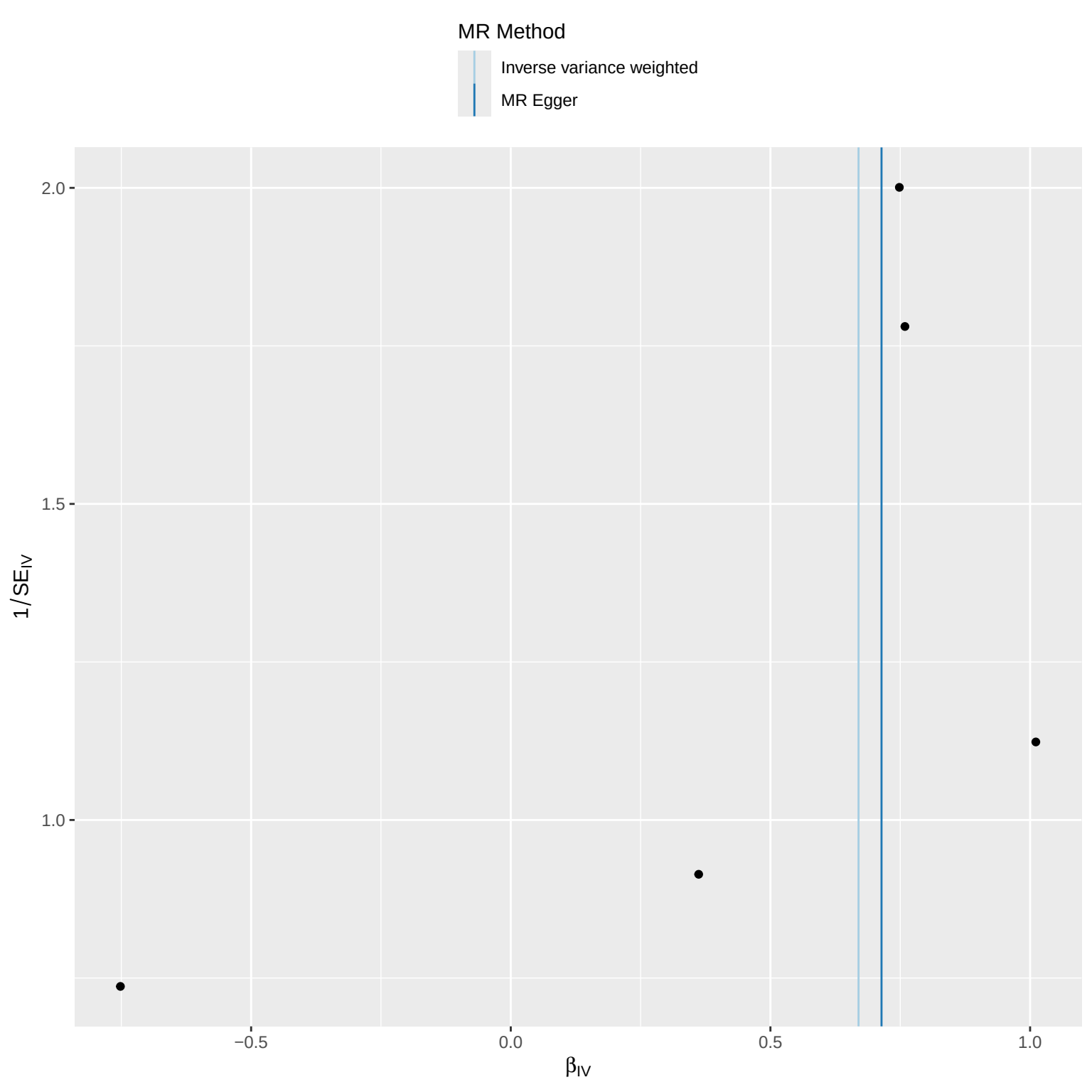

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
0
2
4
β_IV

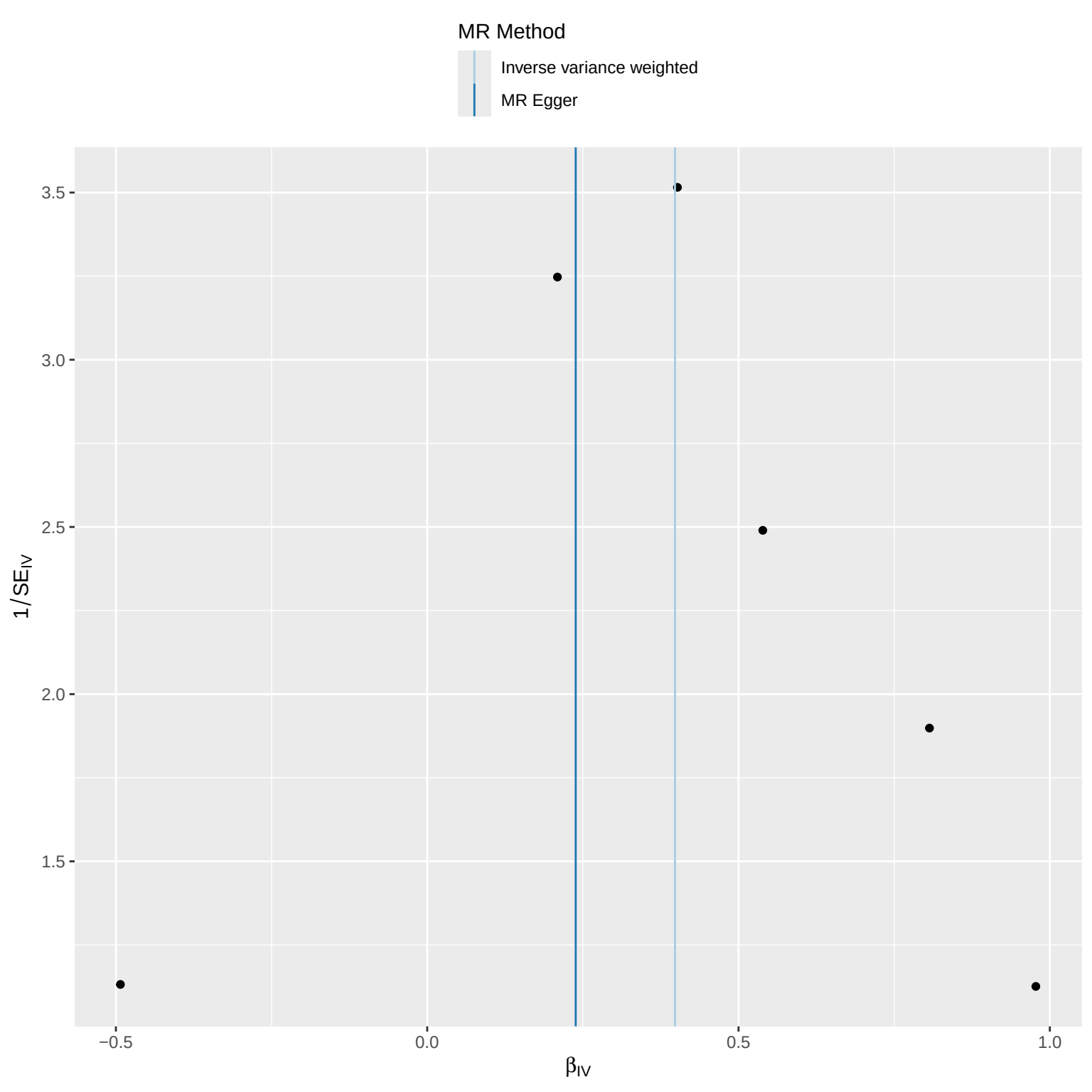

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

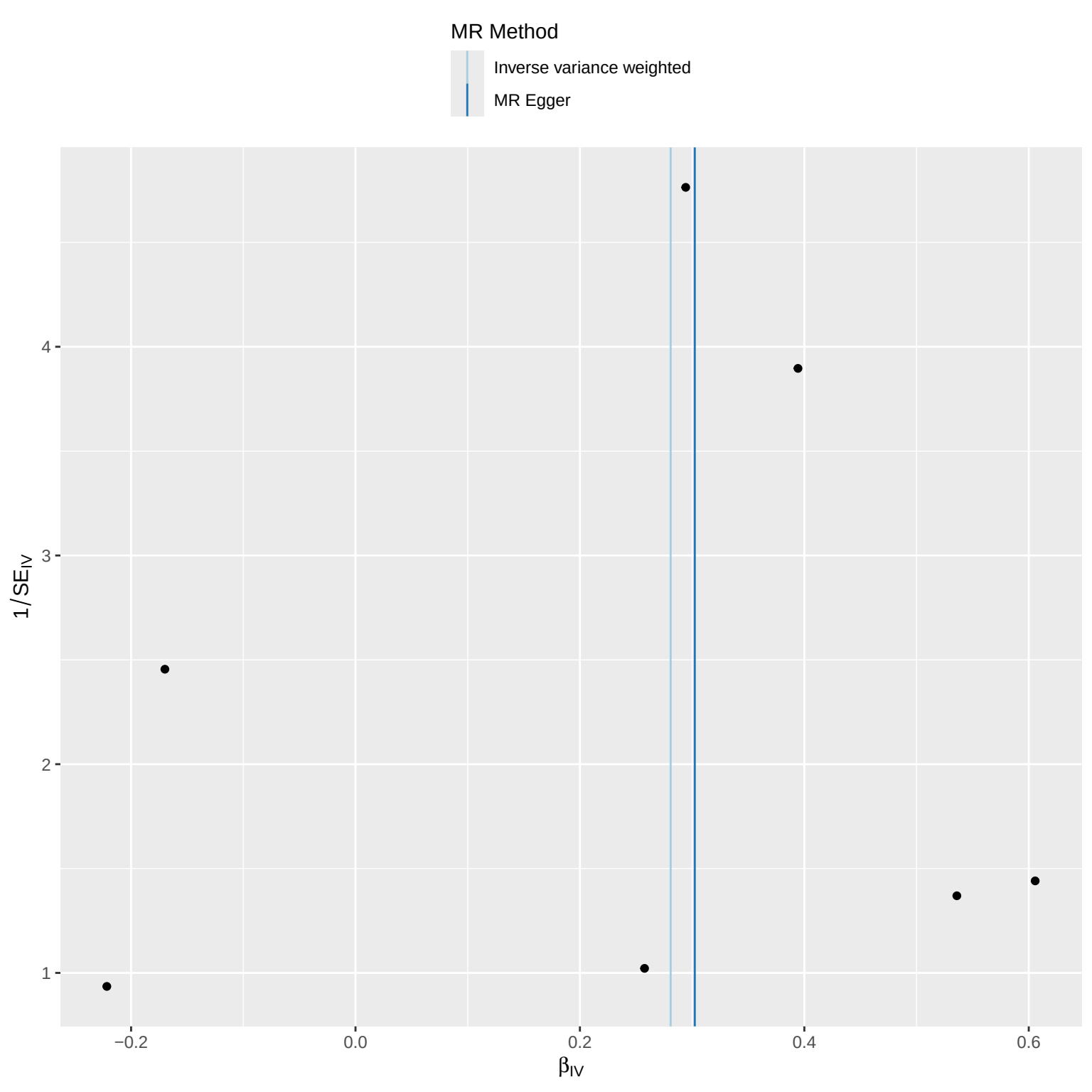

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

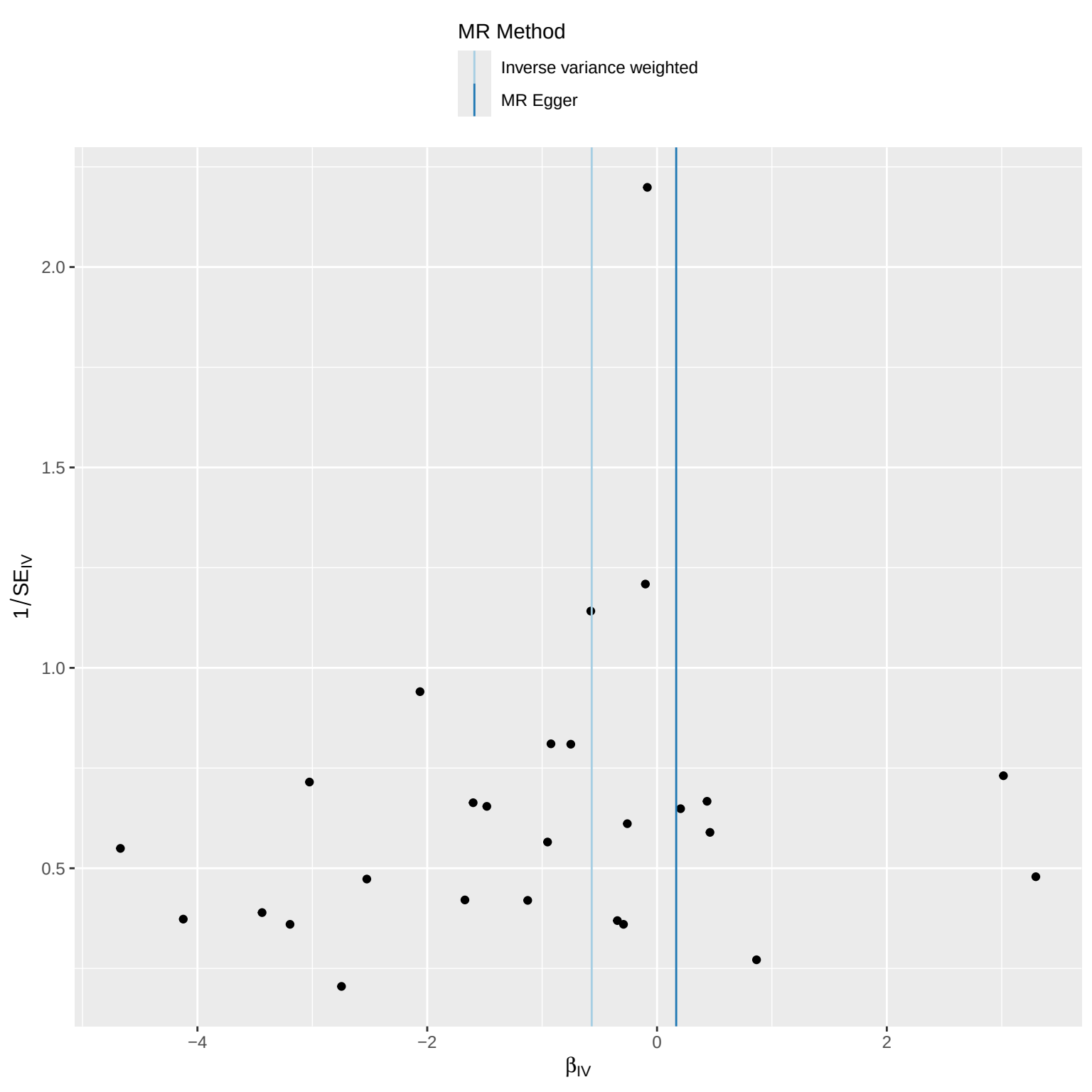

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
4
β_IV

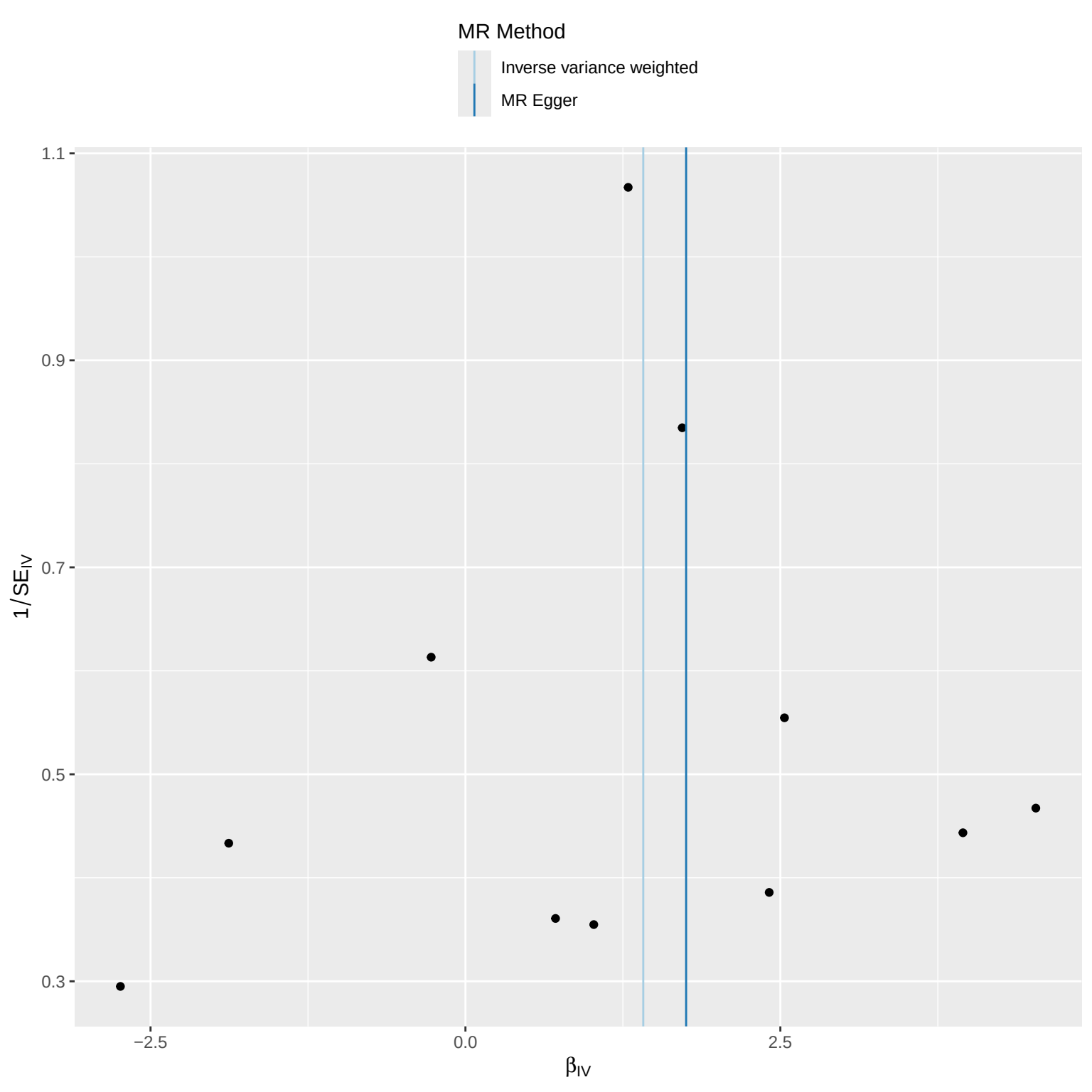

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

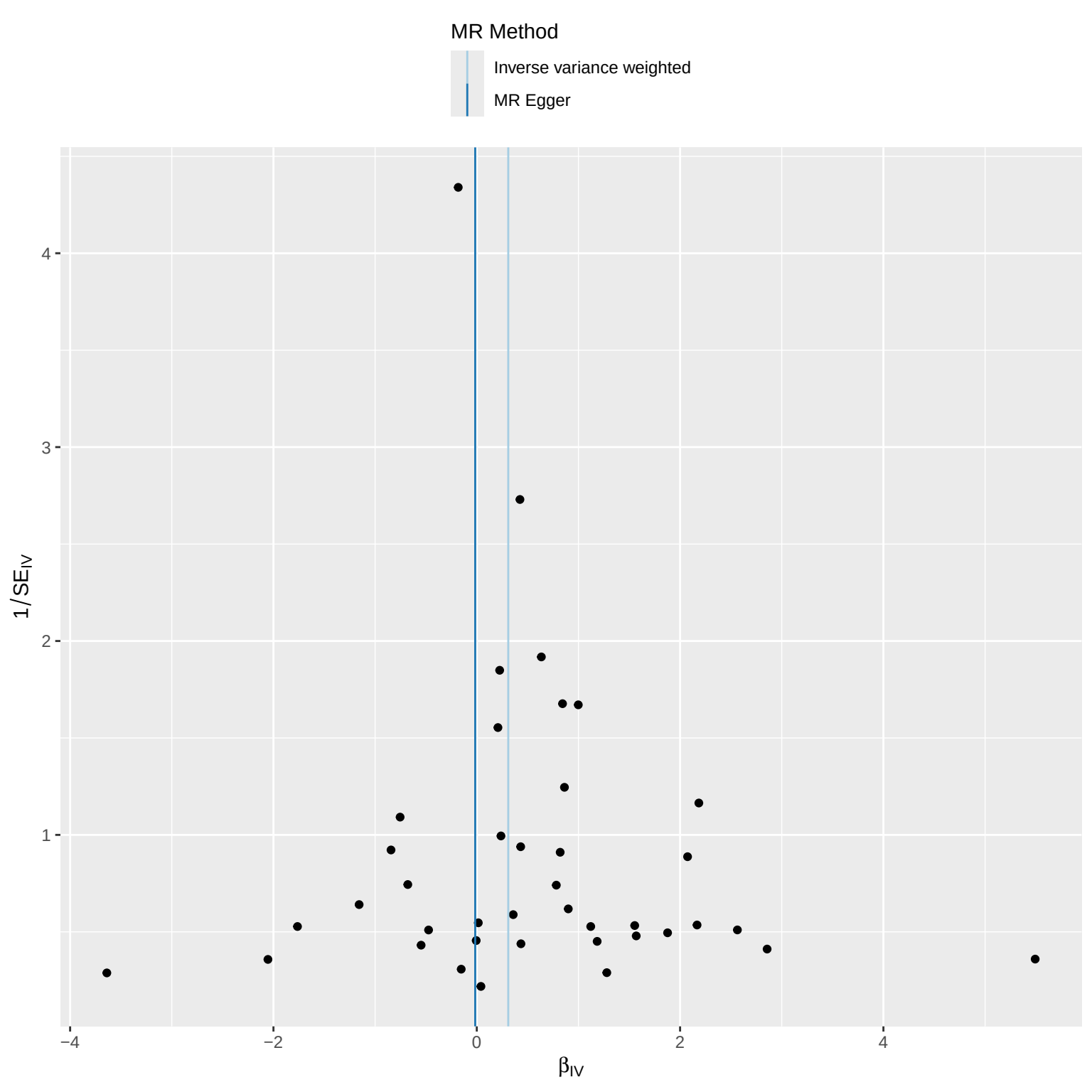

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

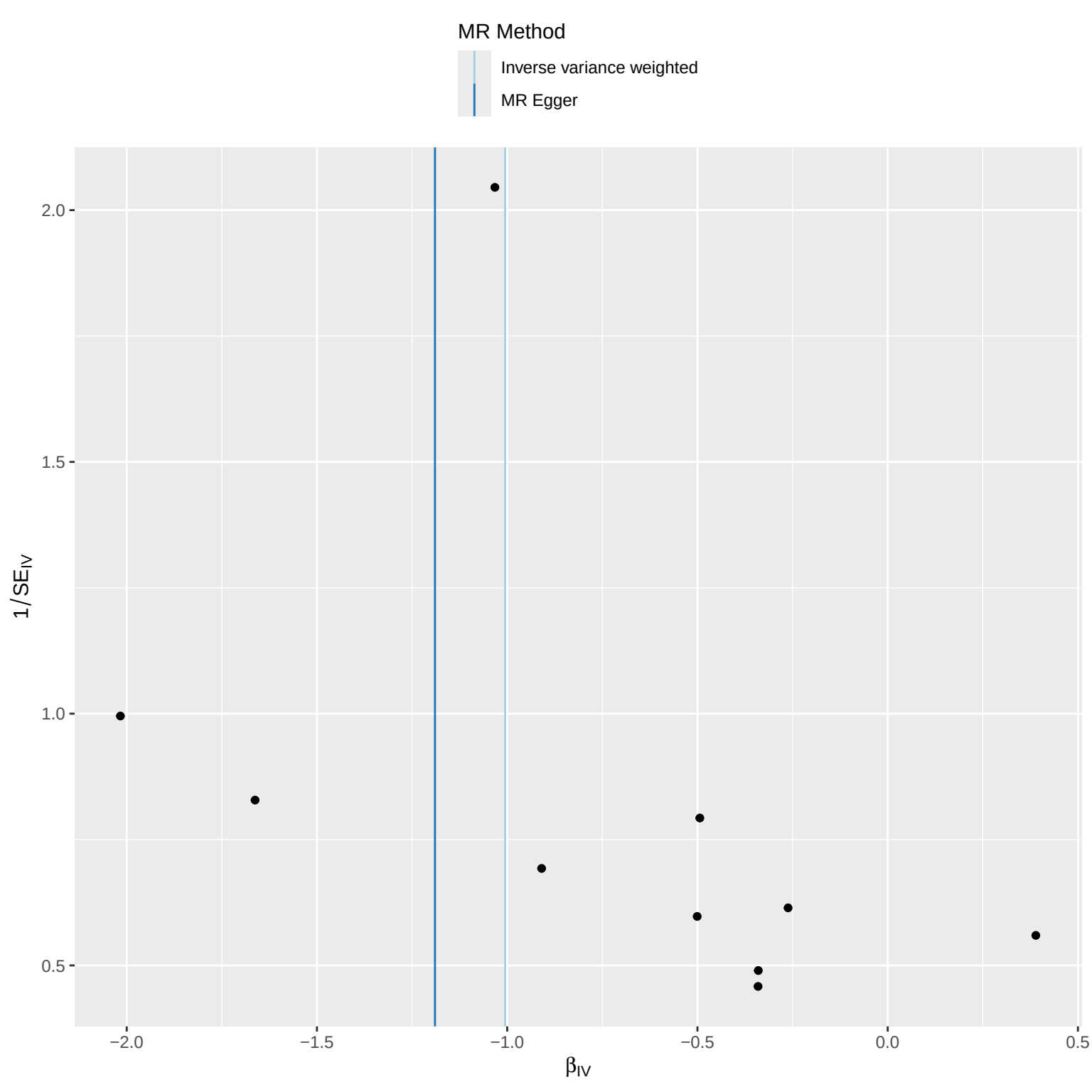

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

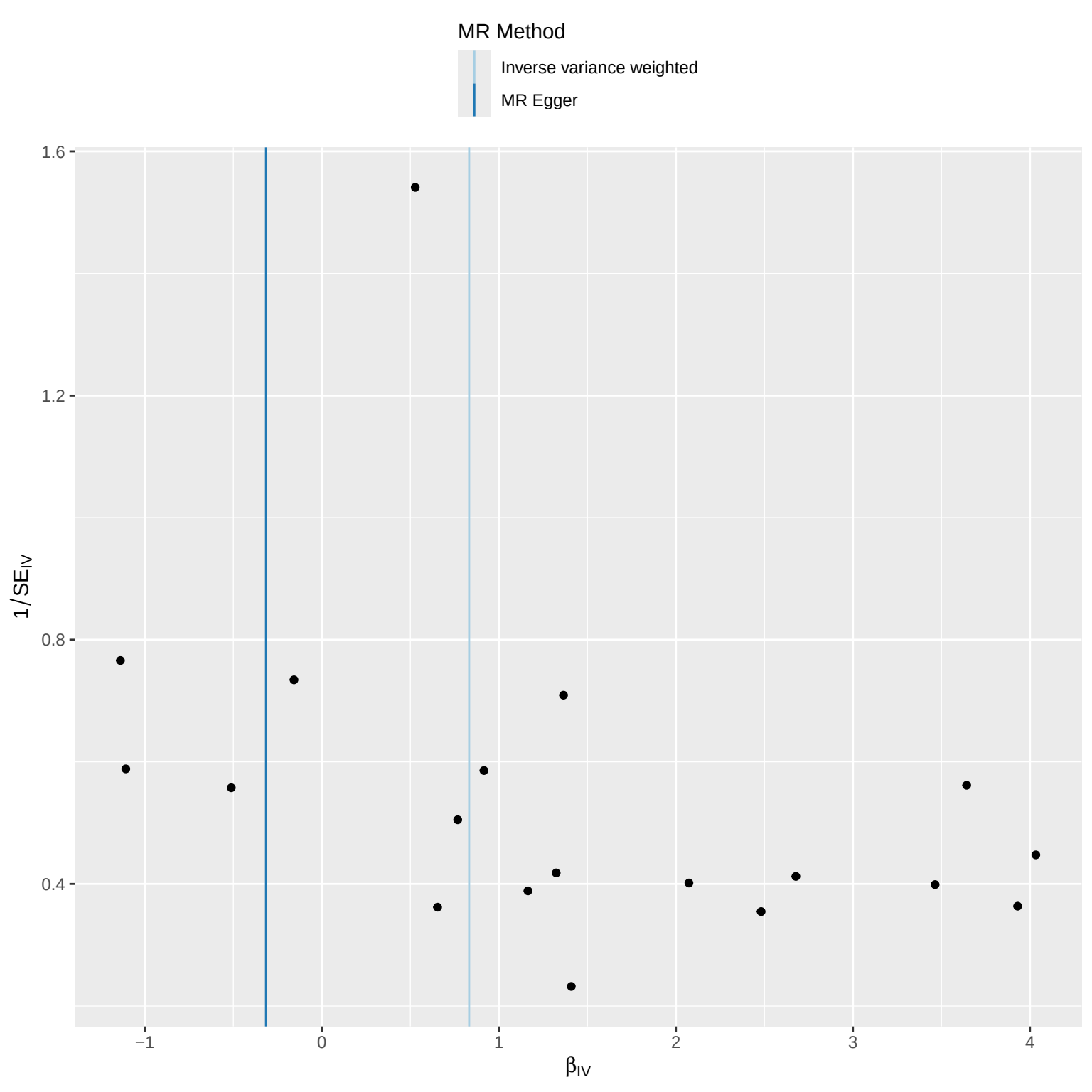

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−0.2
0.0
0.2
0.4
0.6
β_{IV}

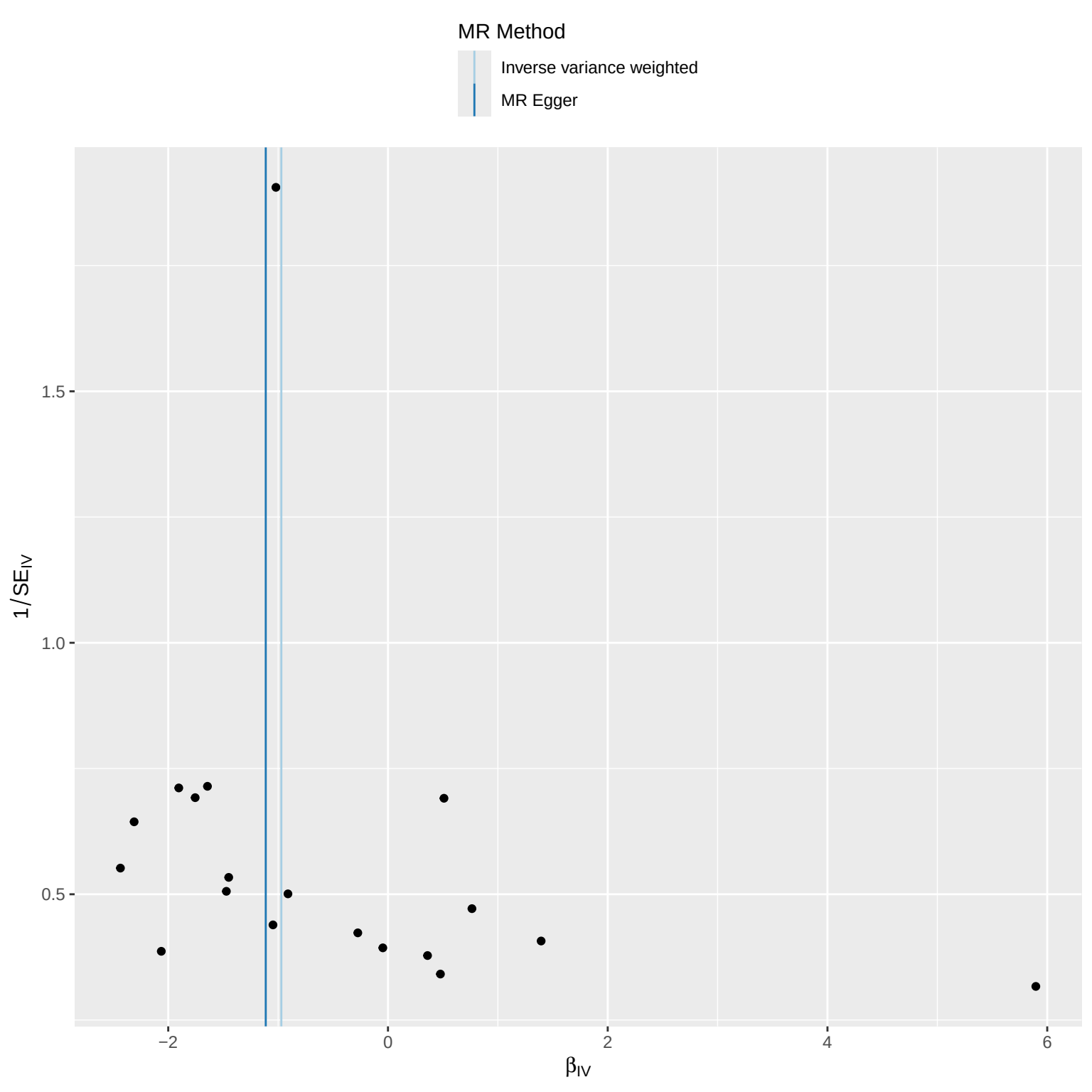

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

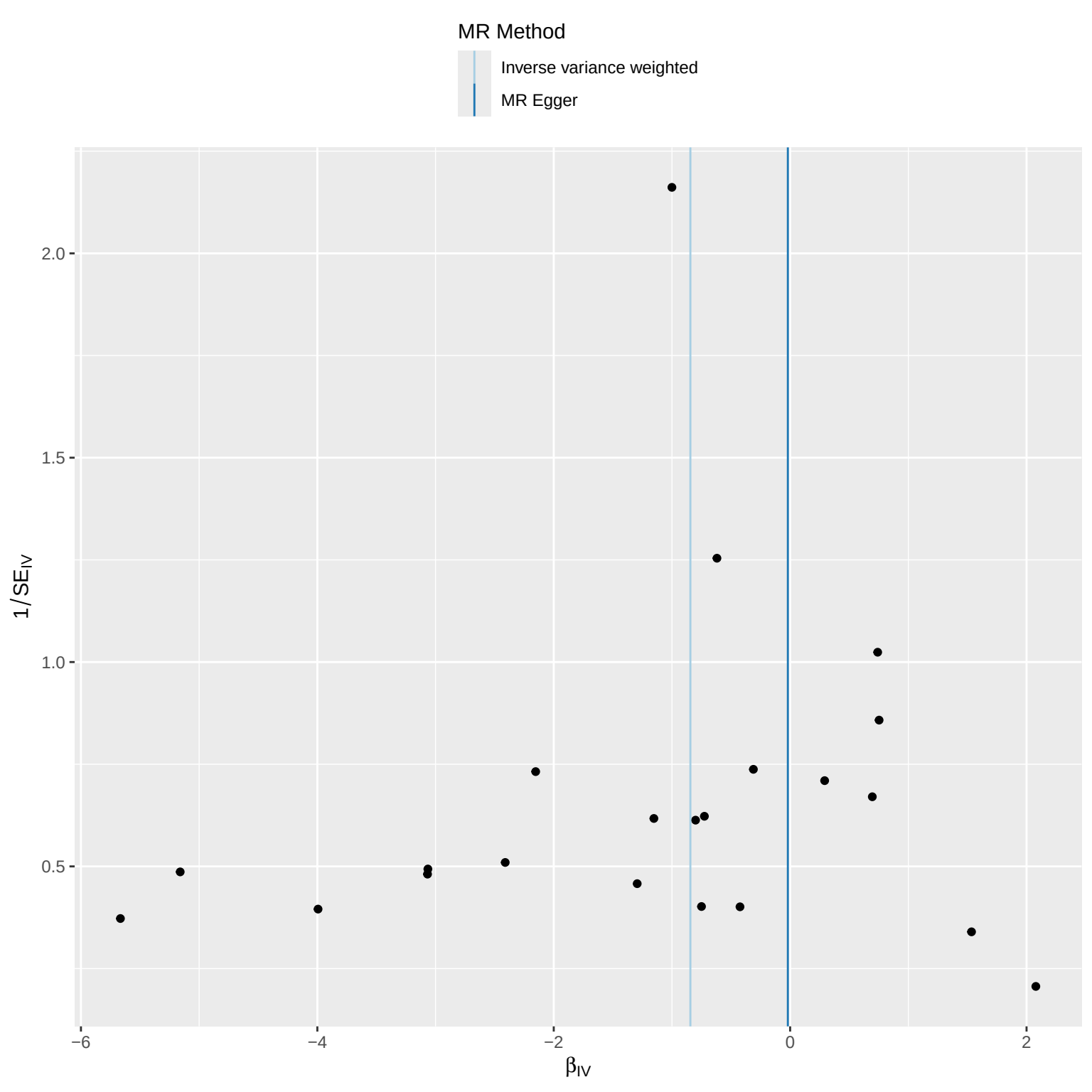

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
0.3
1/SE_IV
−2.5
0.0
2.5
β_IV

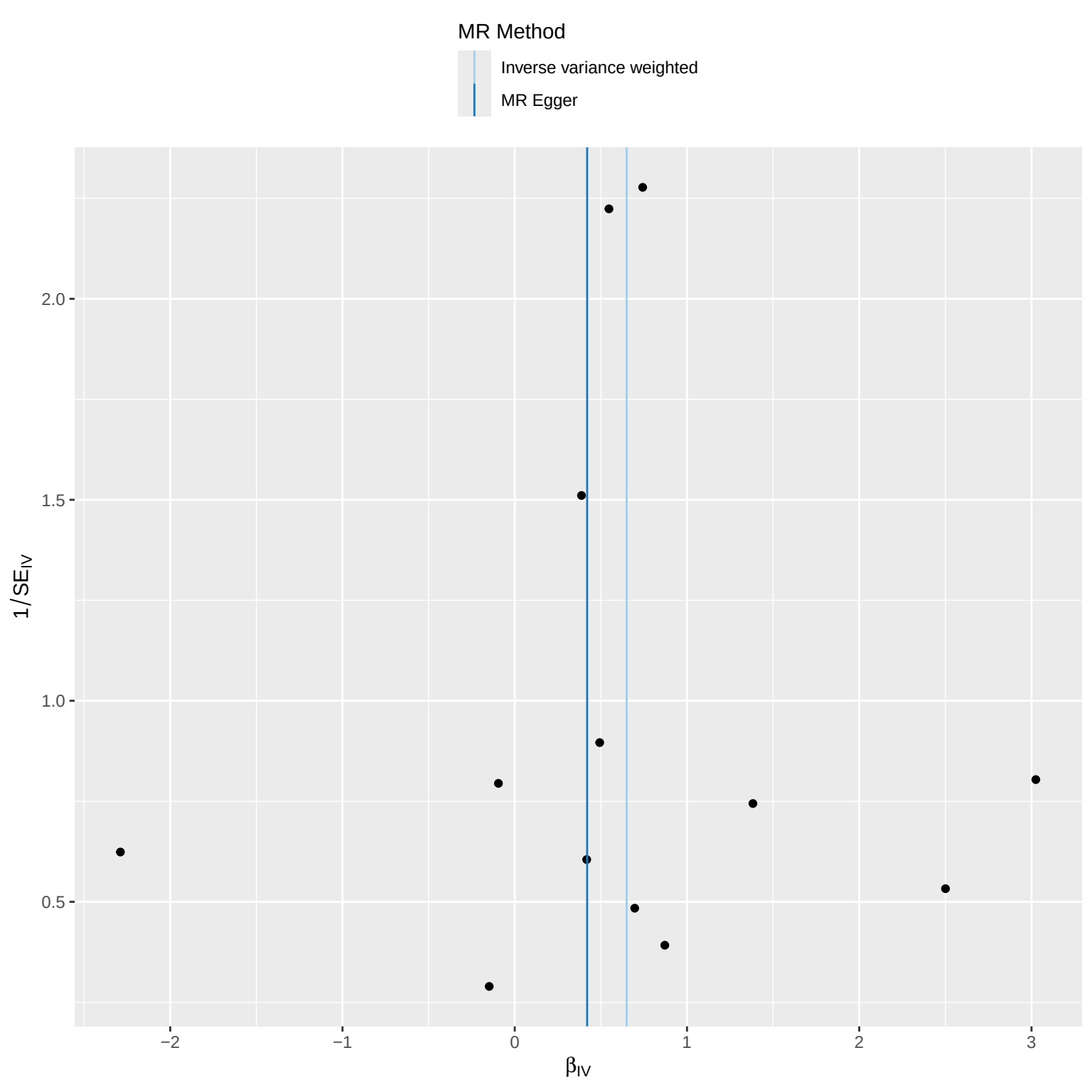

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

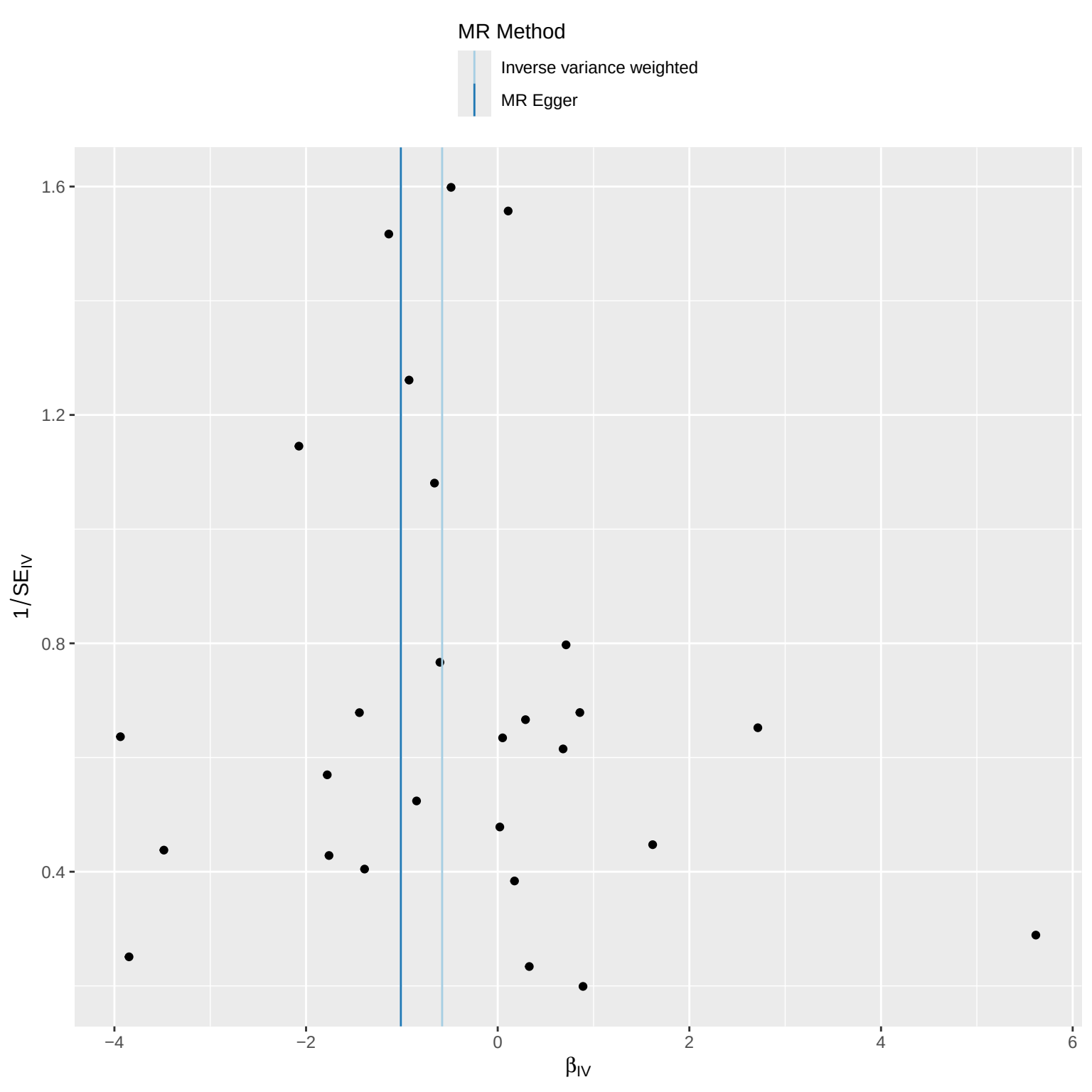

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

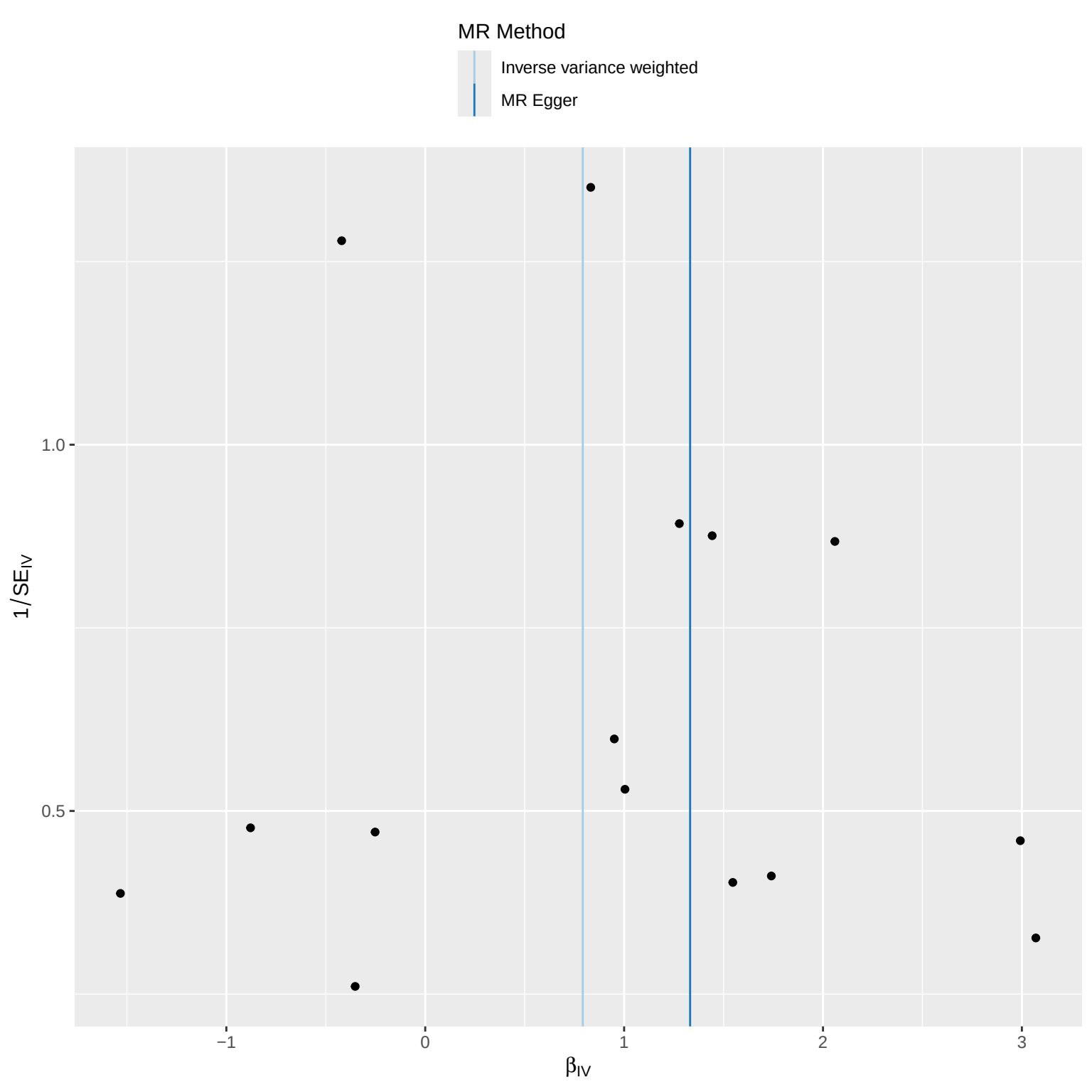

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
4
β_IV

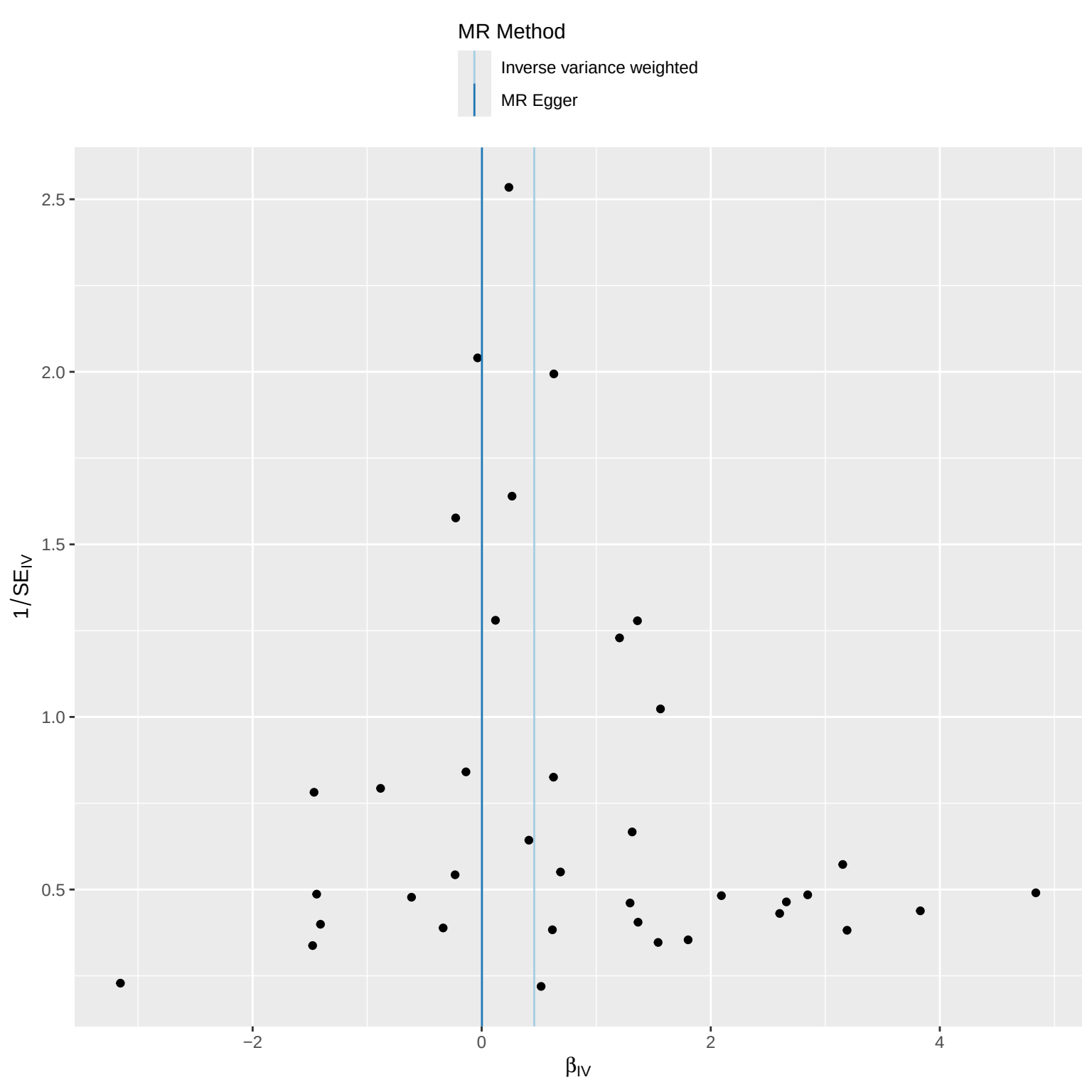

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
6
β_IV

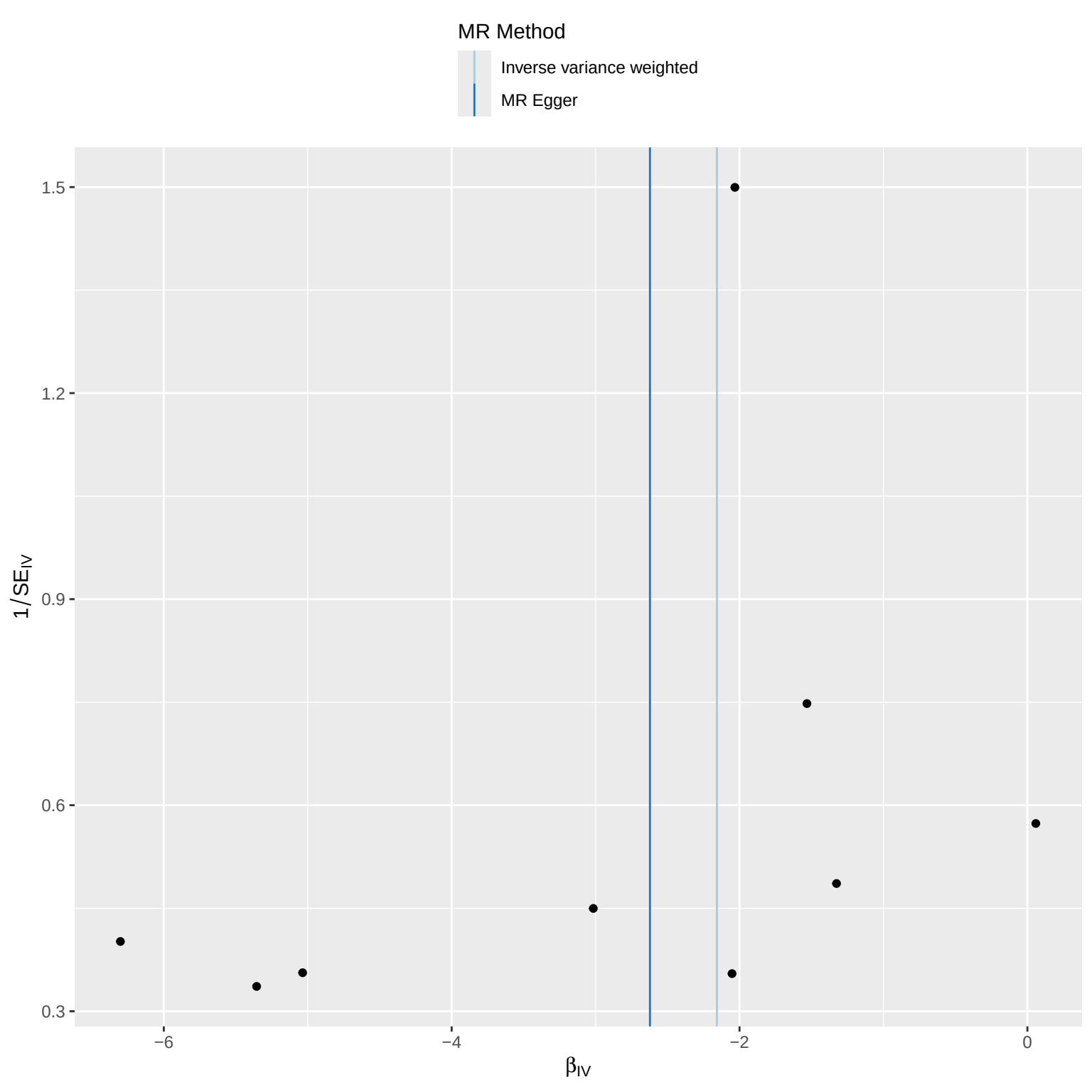

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

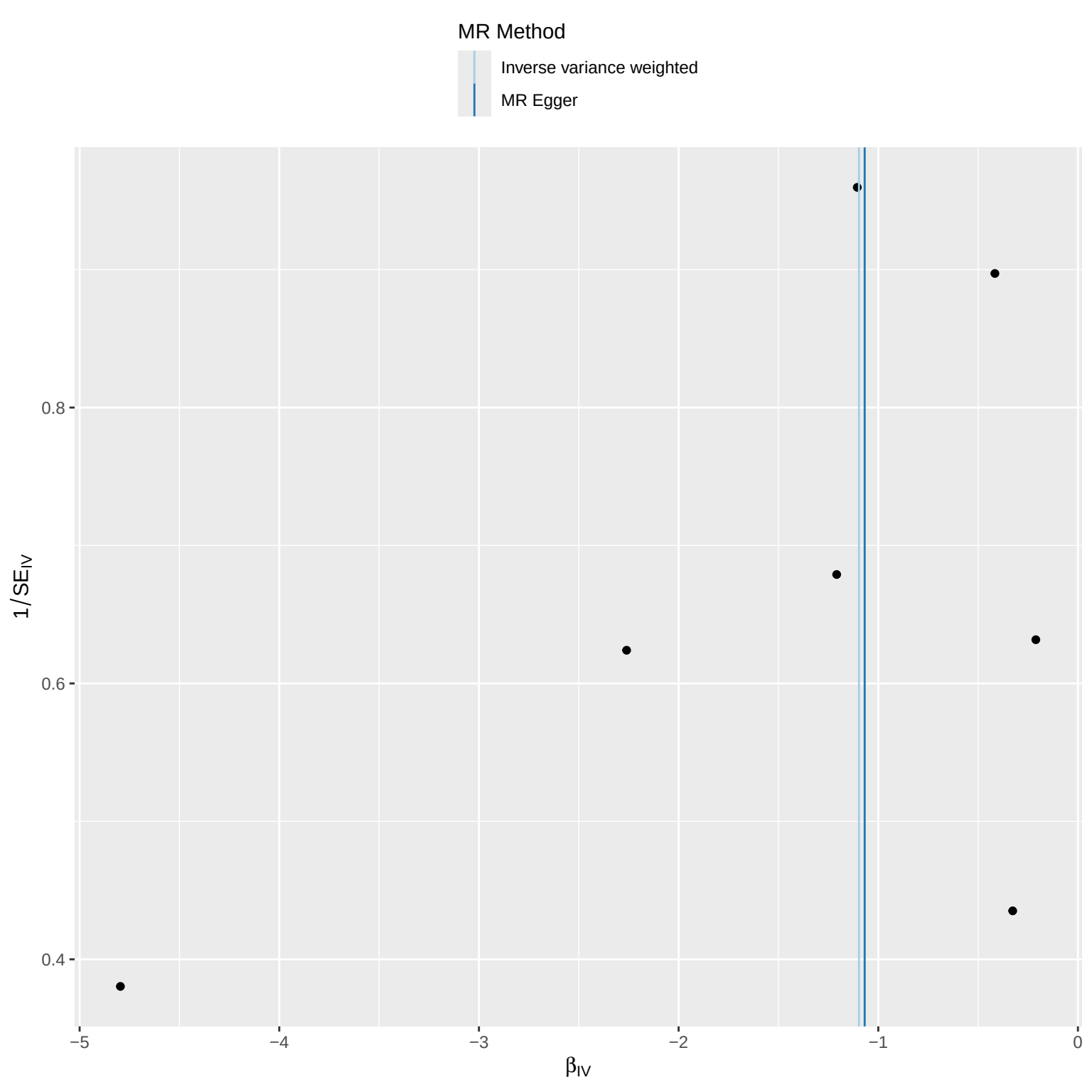

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

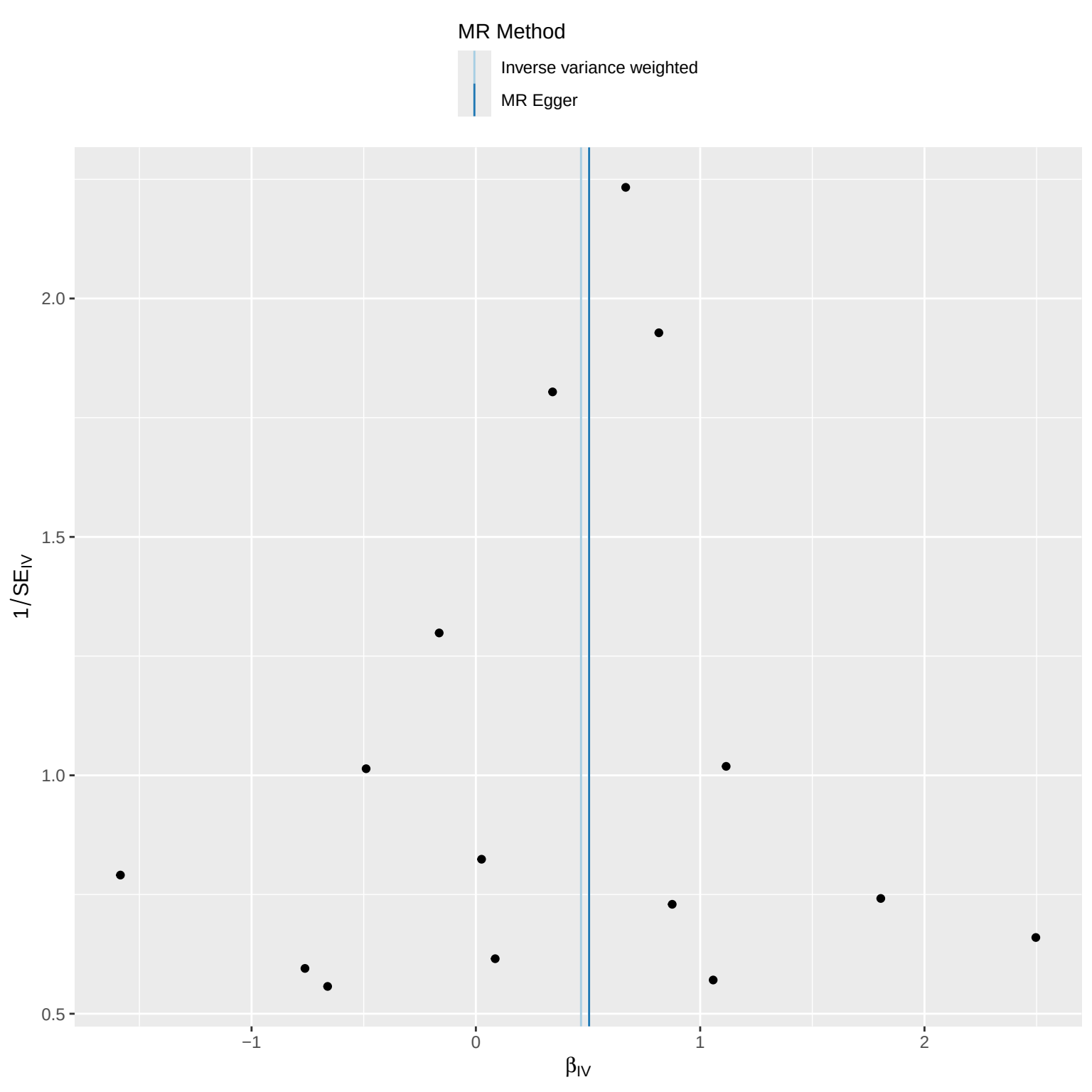

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
4
6
β_IV

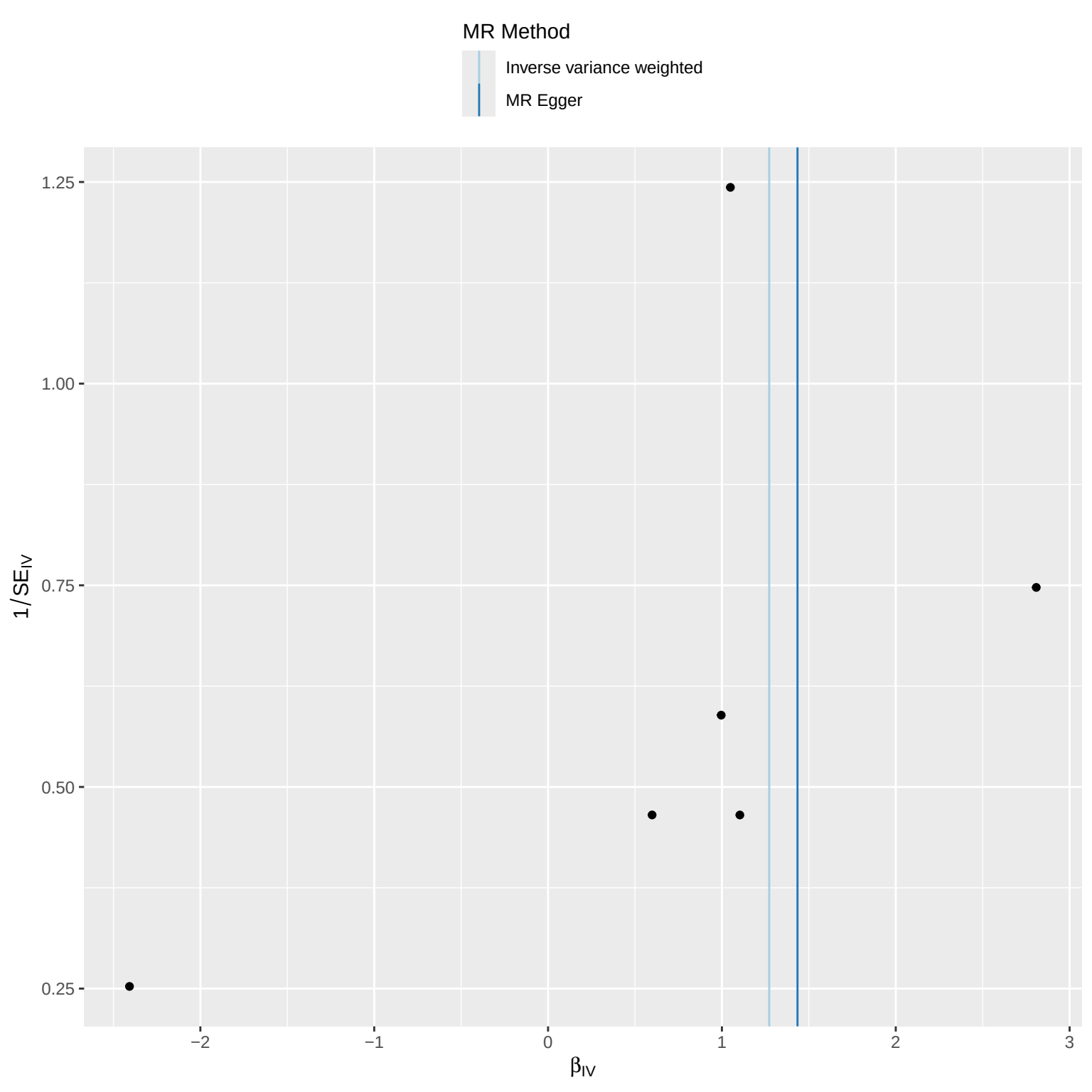

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

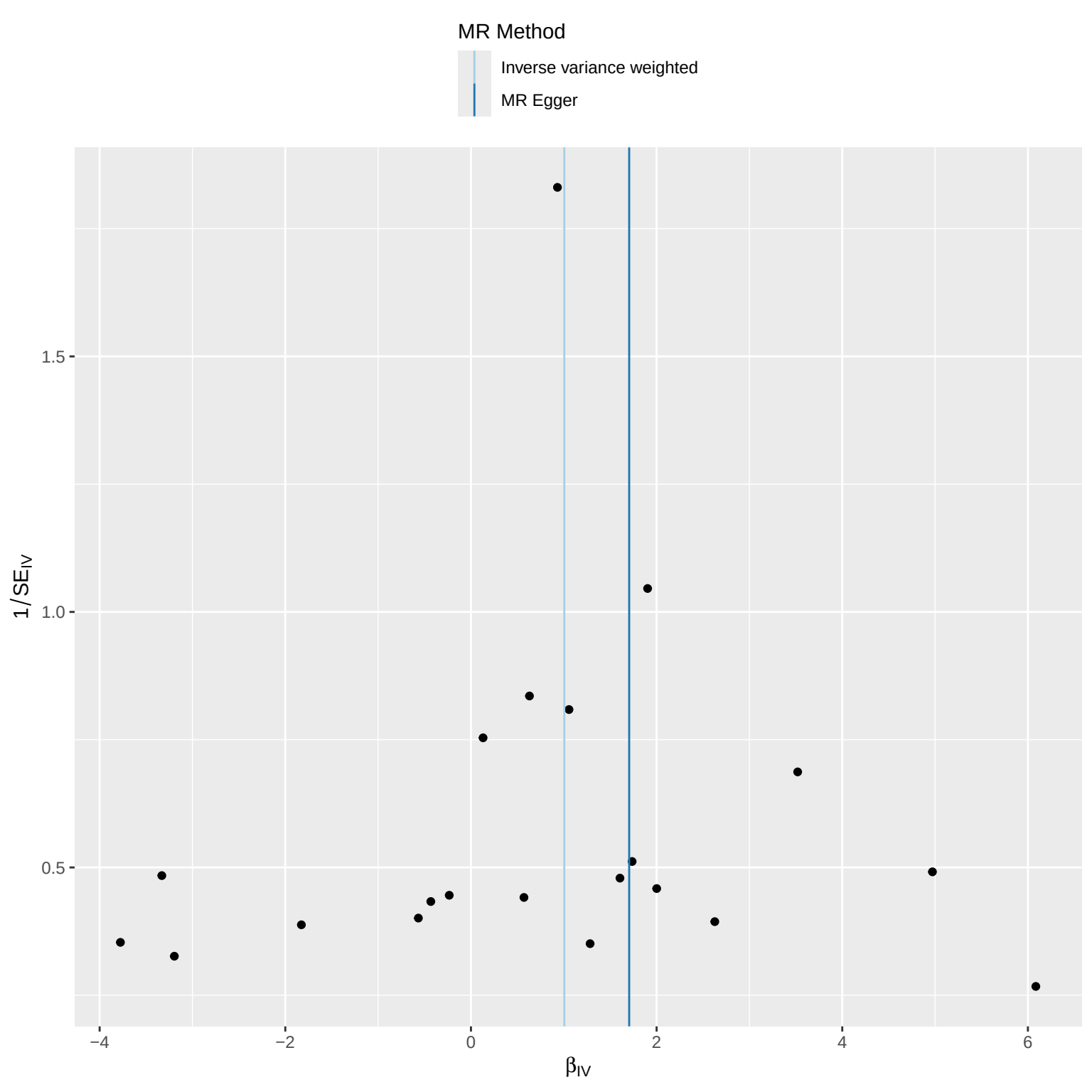

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

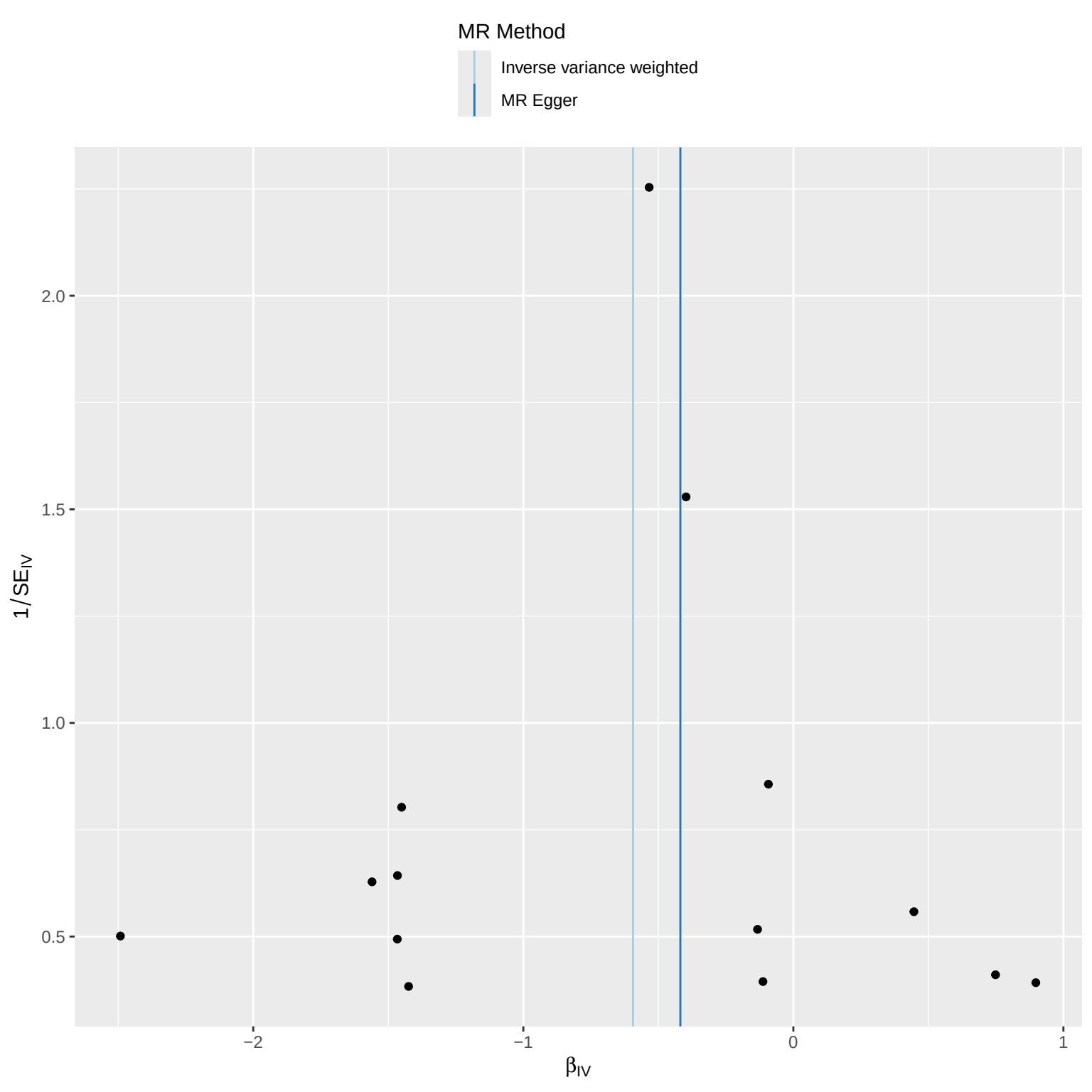

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−6
−4
−2
0
β_IV

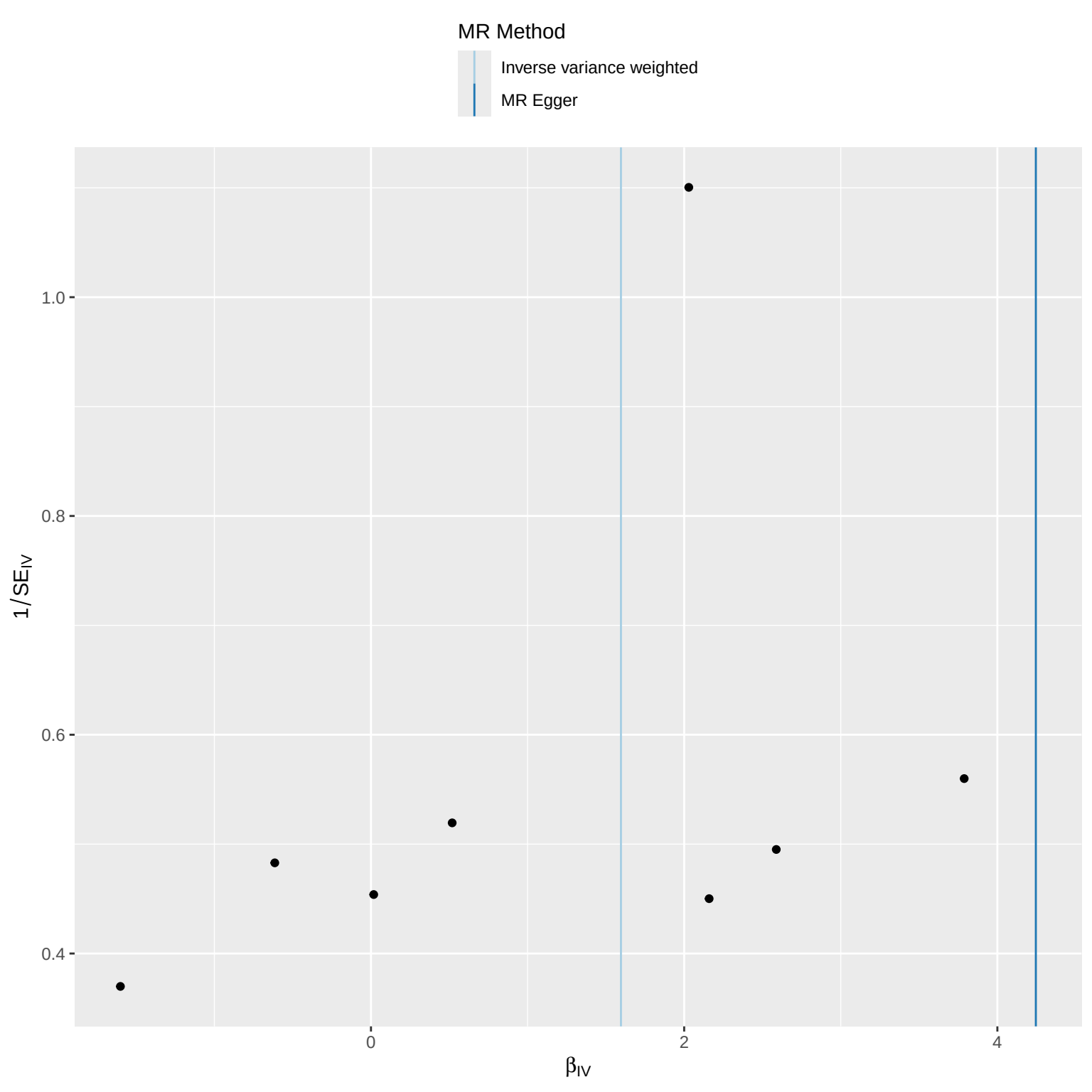

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−5
−4
−3
−2
−1
0
β_IV

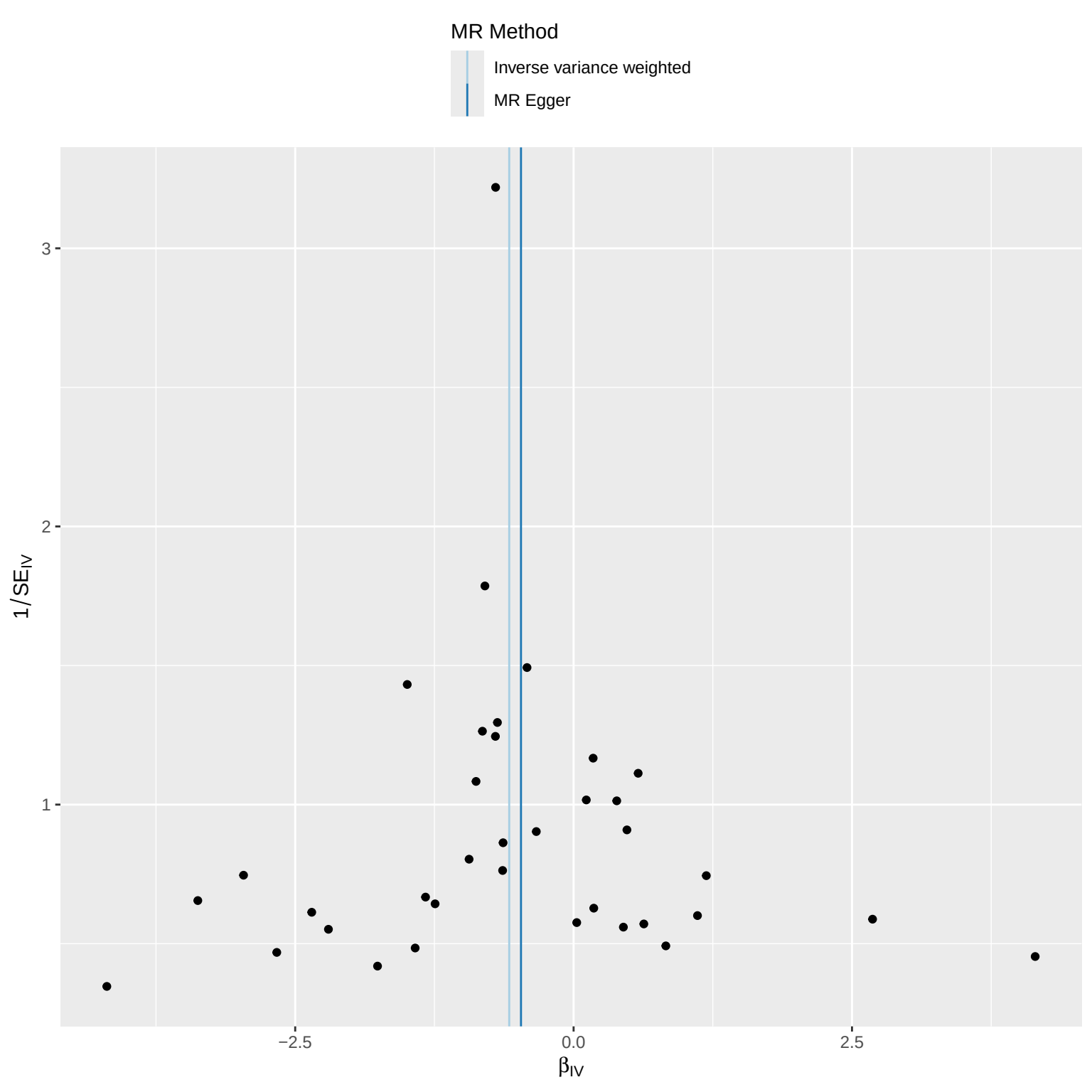

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

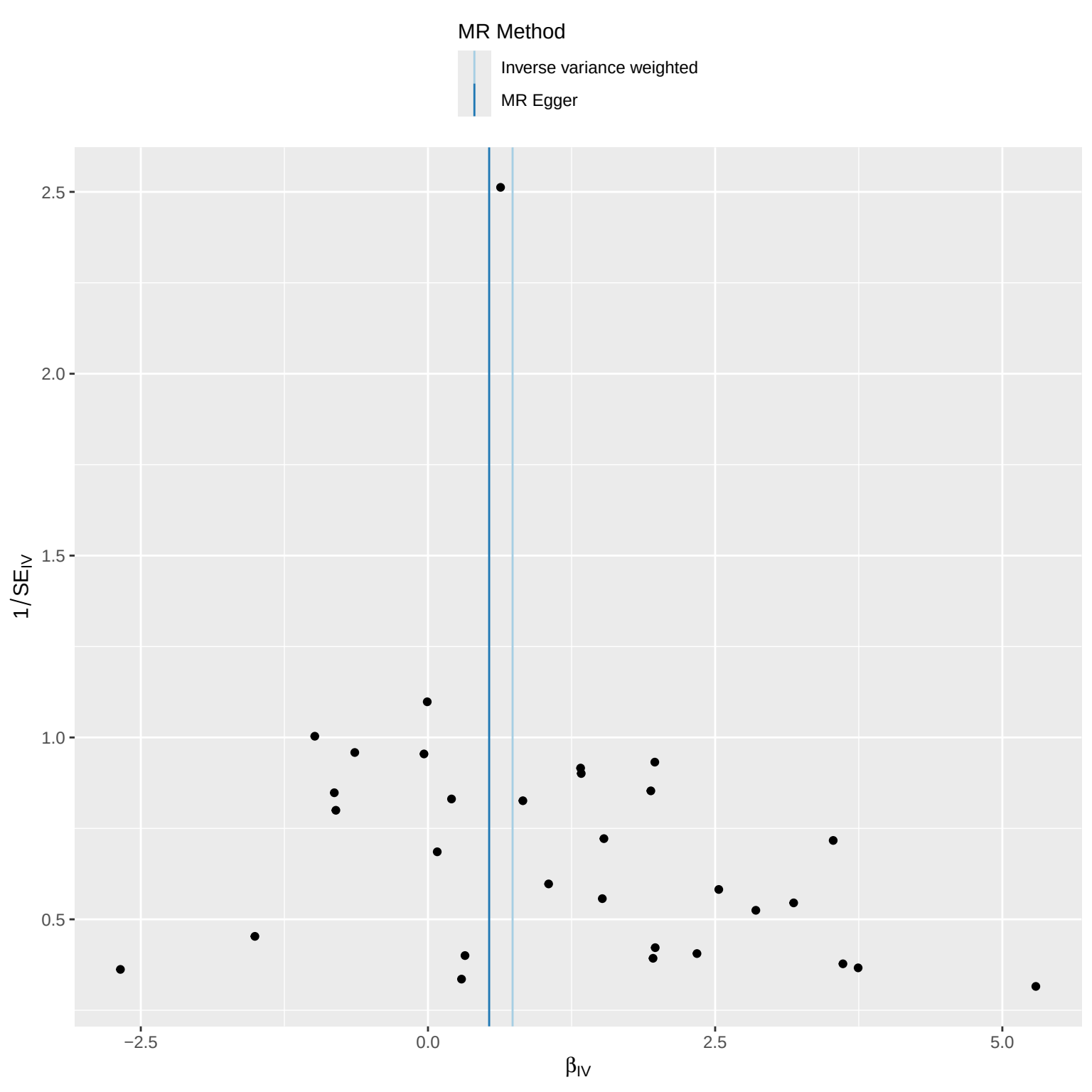

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
−1
0
1
2
3
β_IV

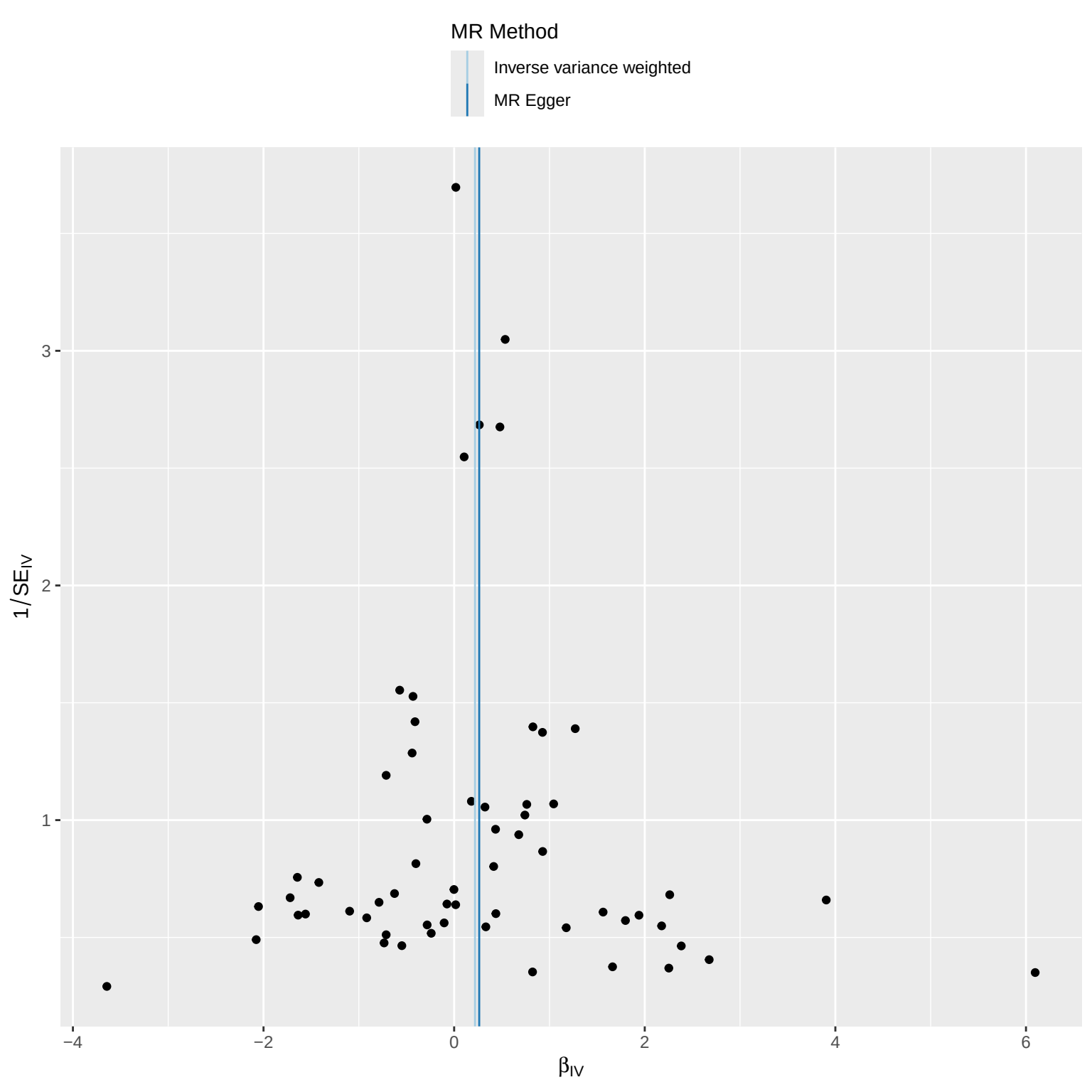

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
6
β_IV

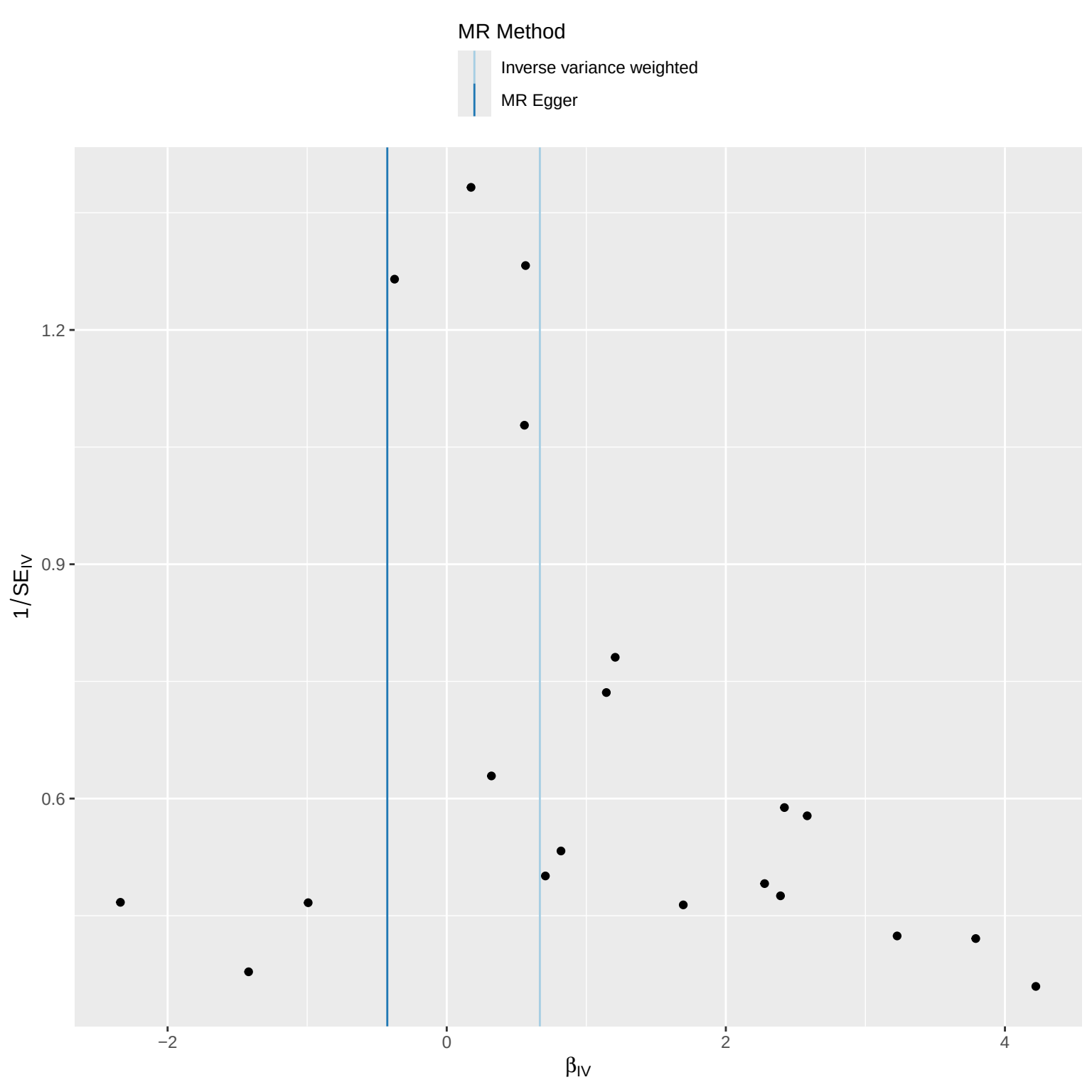

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

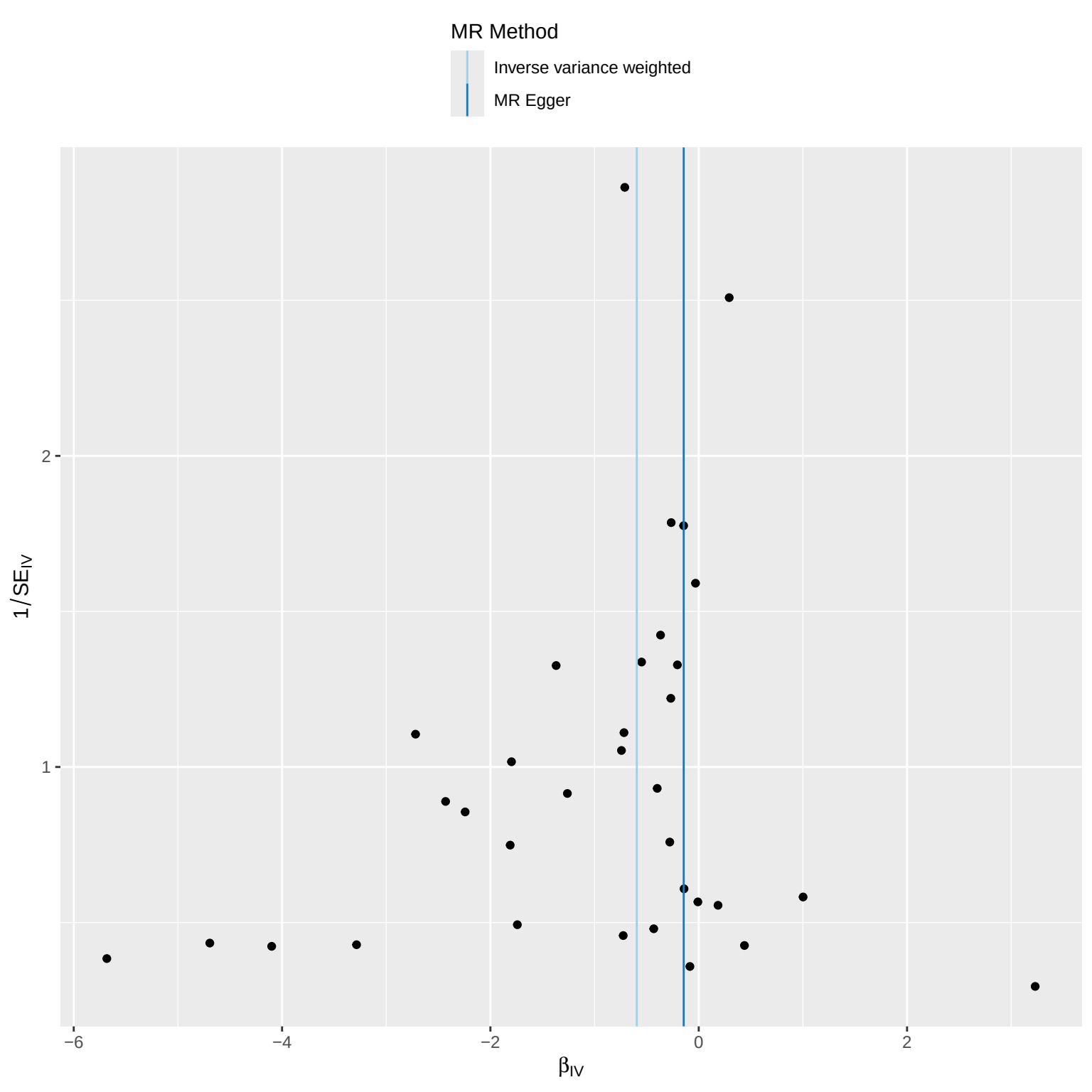

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
2
4
β_IV

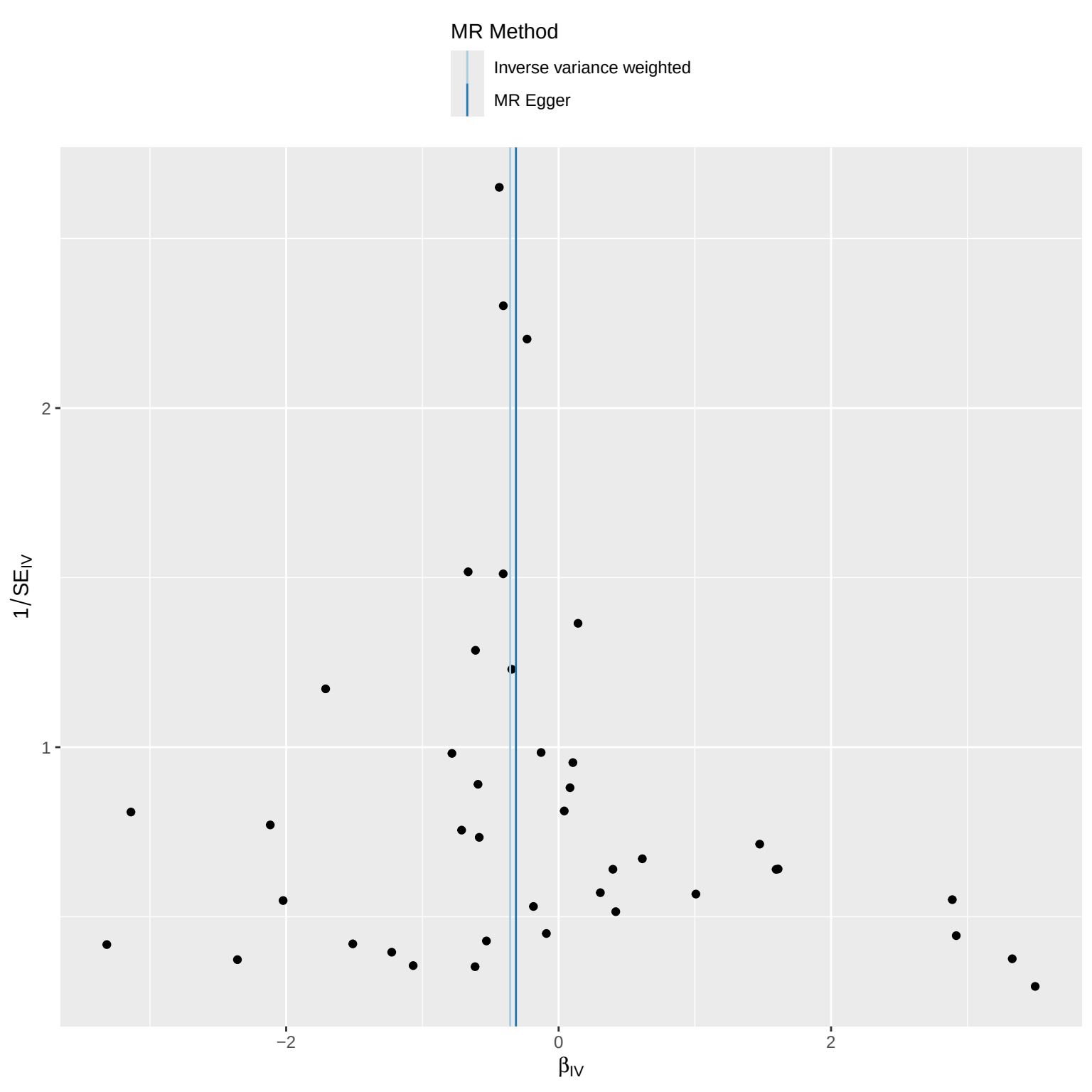

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

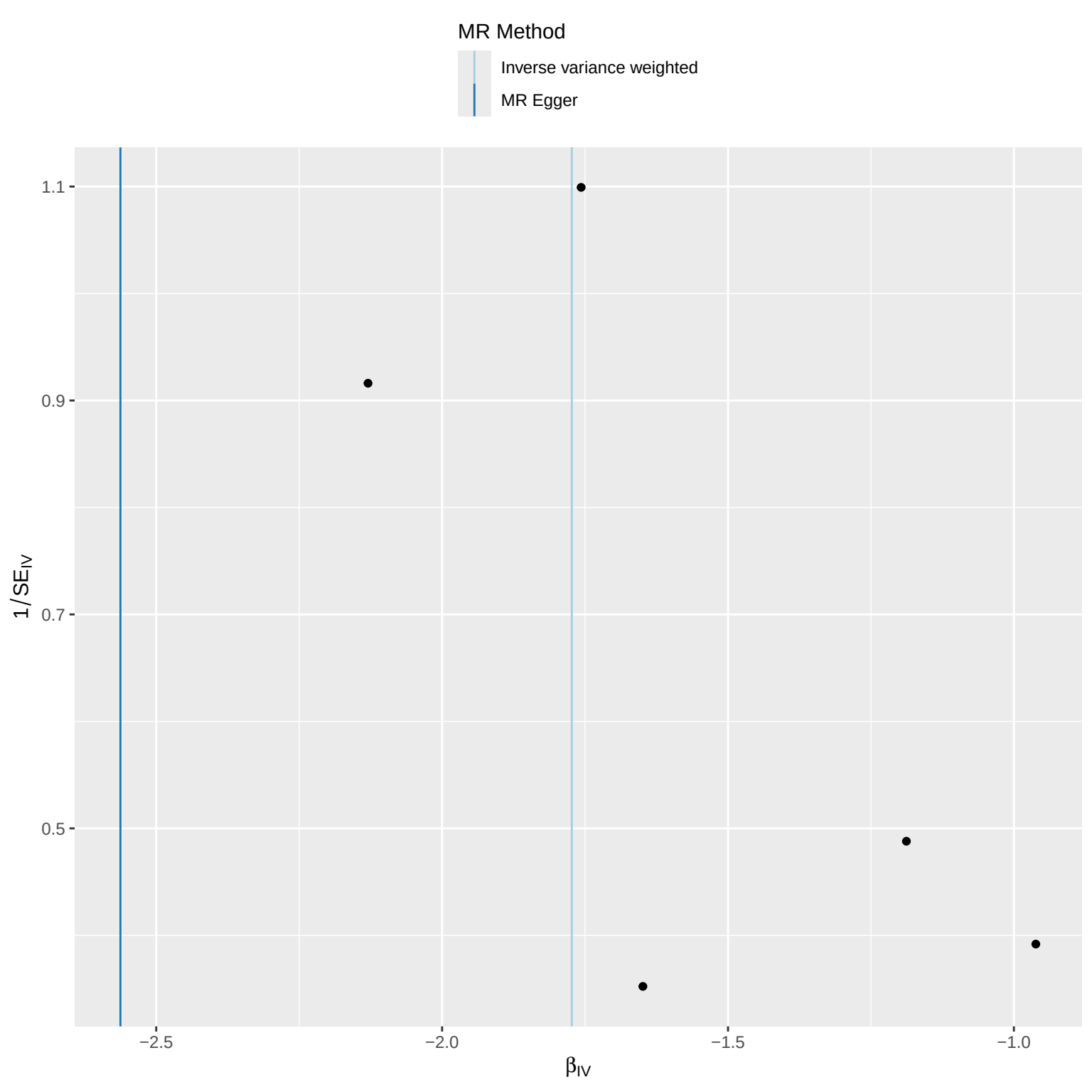

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

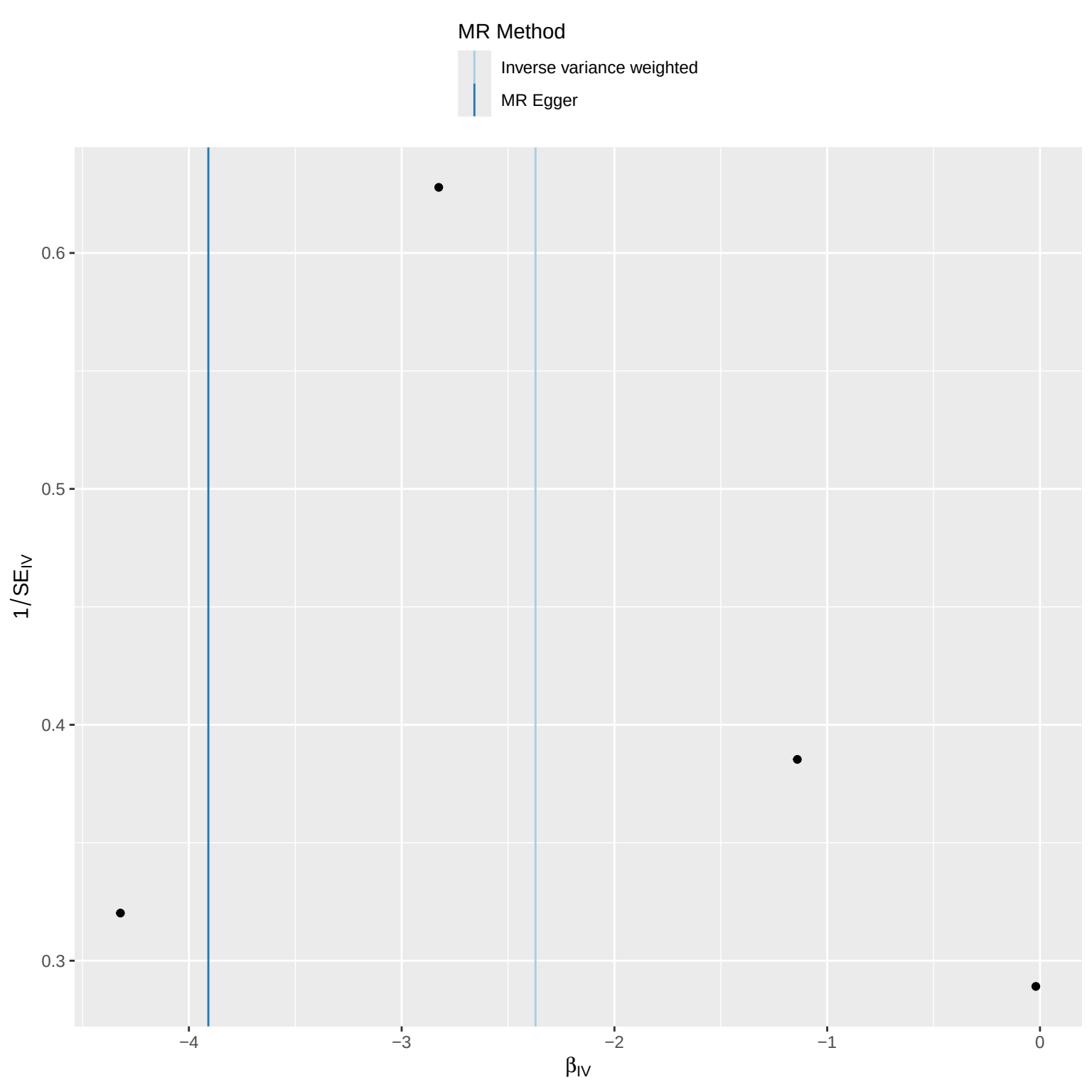

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−4
−2
0
2
4
6
β_IV

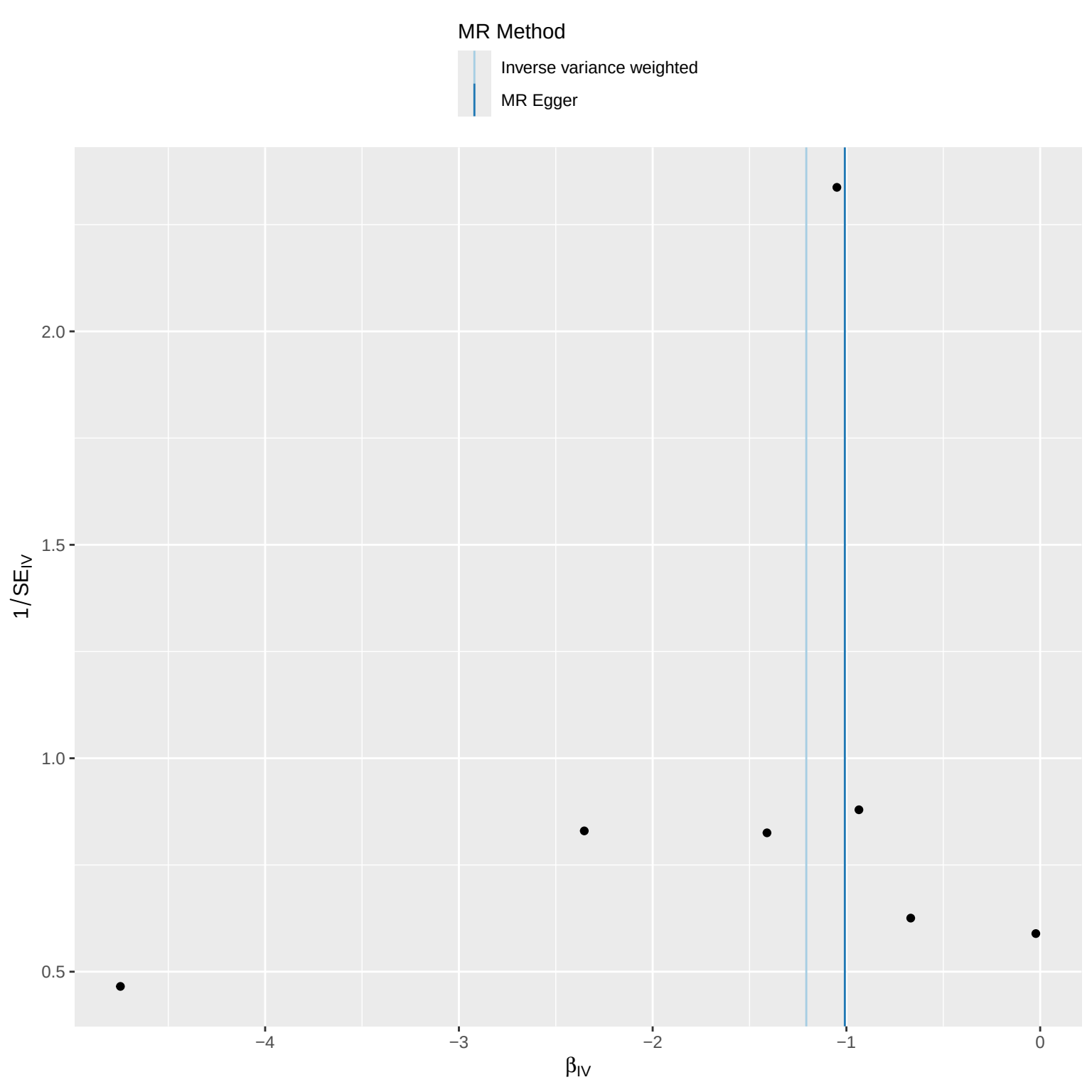

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−2
0
2
4
β_IV

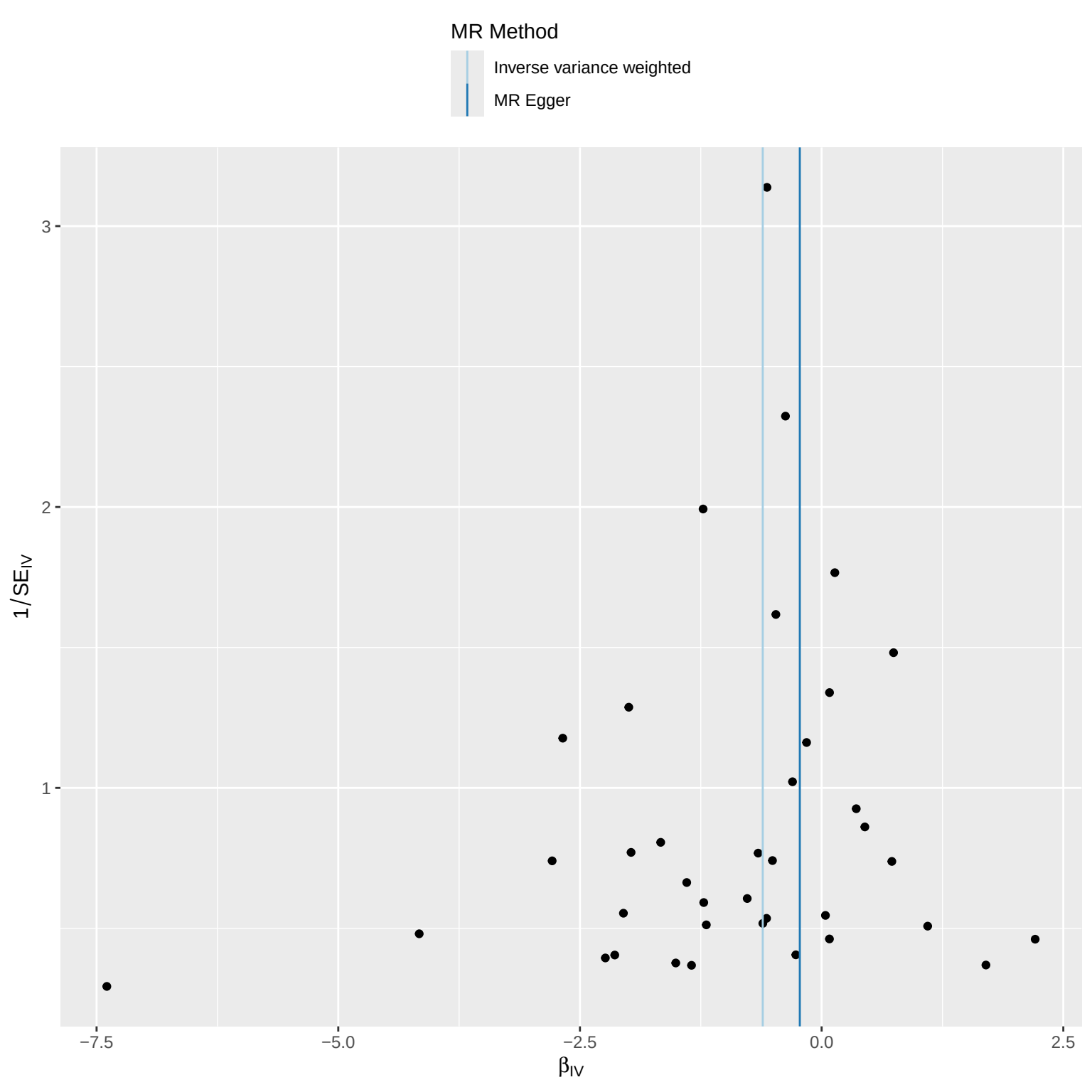

MR Method
Inverse variance weighted
MR Egger
2
1
$1/SE_{IV}$
−6
−4
−2
0
2
β_{IV}

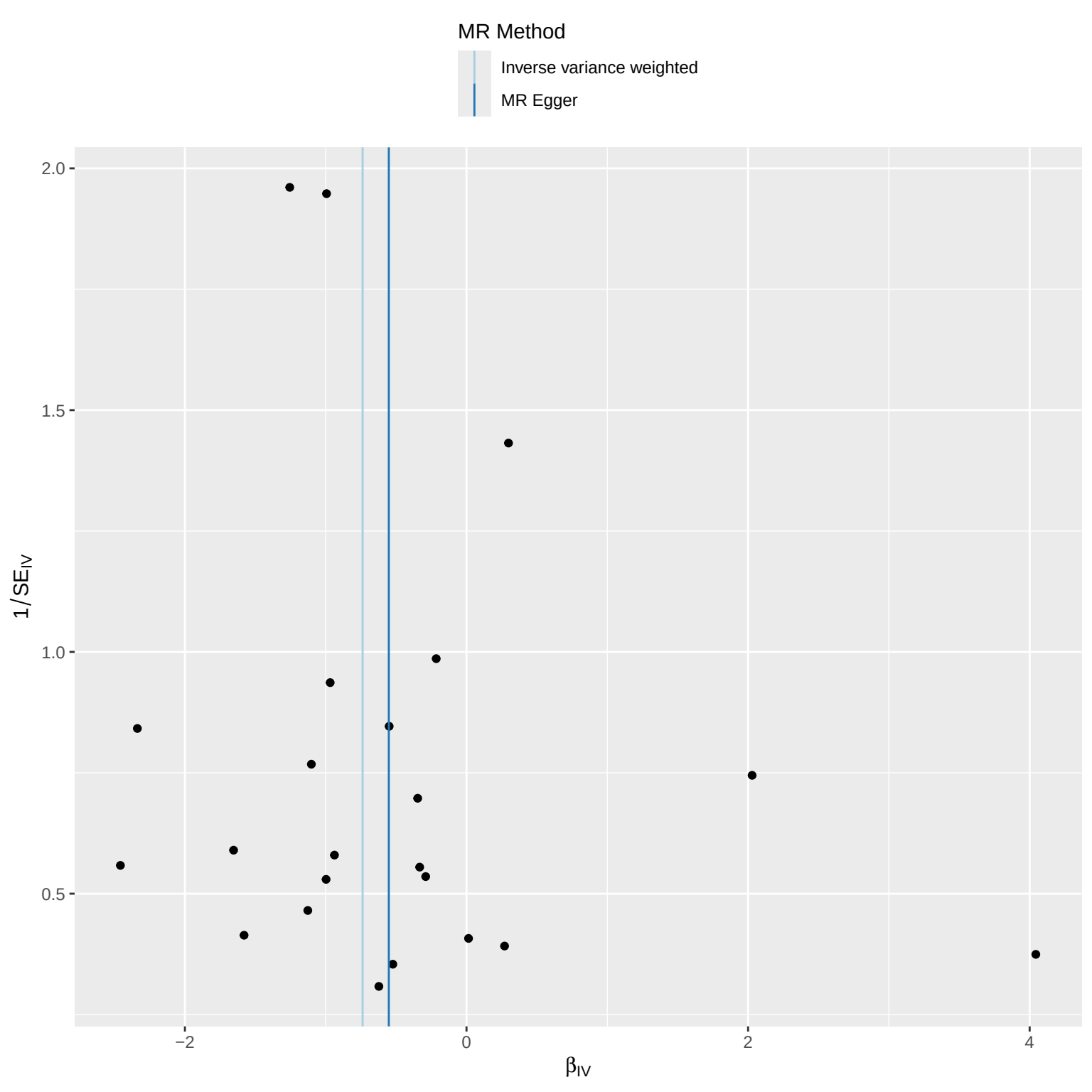

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

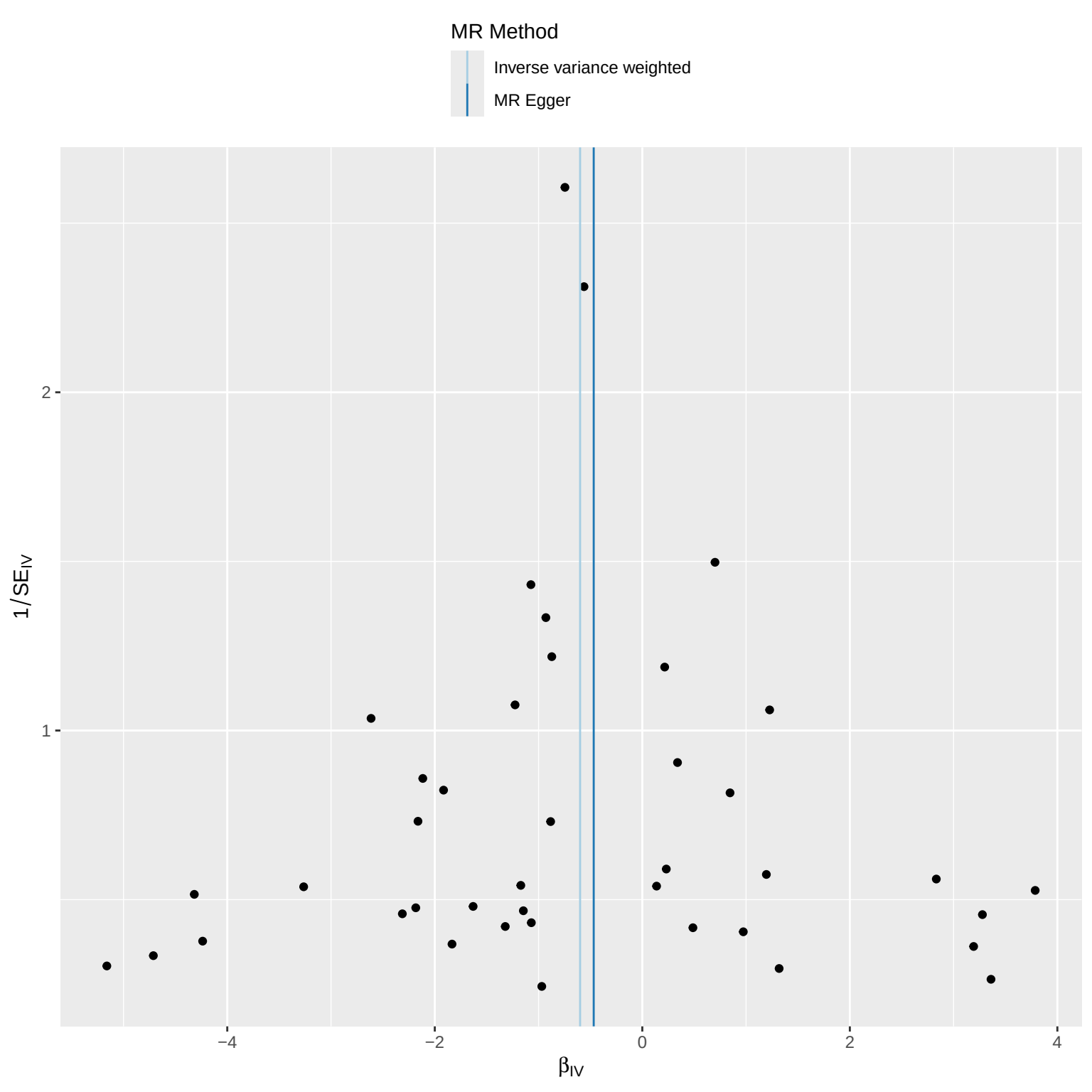

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
1/SE_IV
−2.5
−2.0
−1.5
−1.0
β_IV

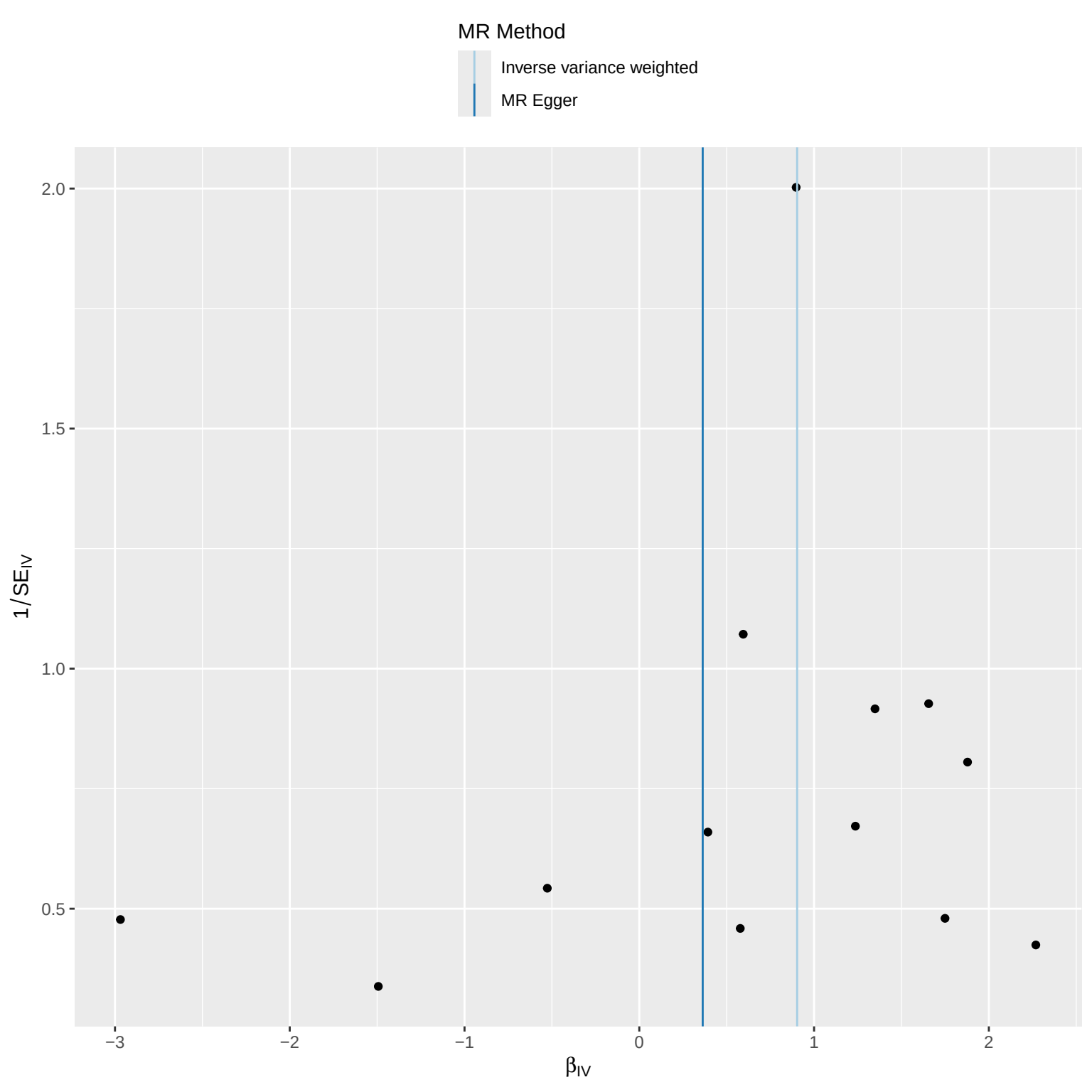

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
0.3
1/SE_IV
−4
−3
−2
−1
0
β_IV

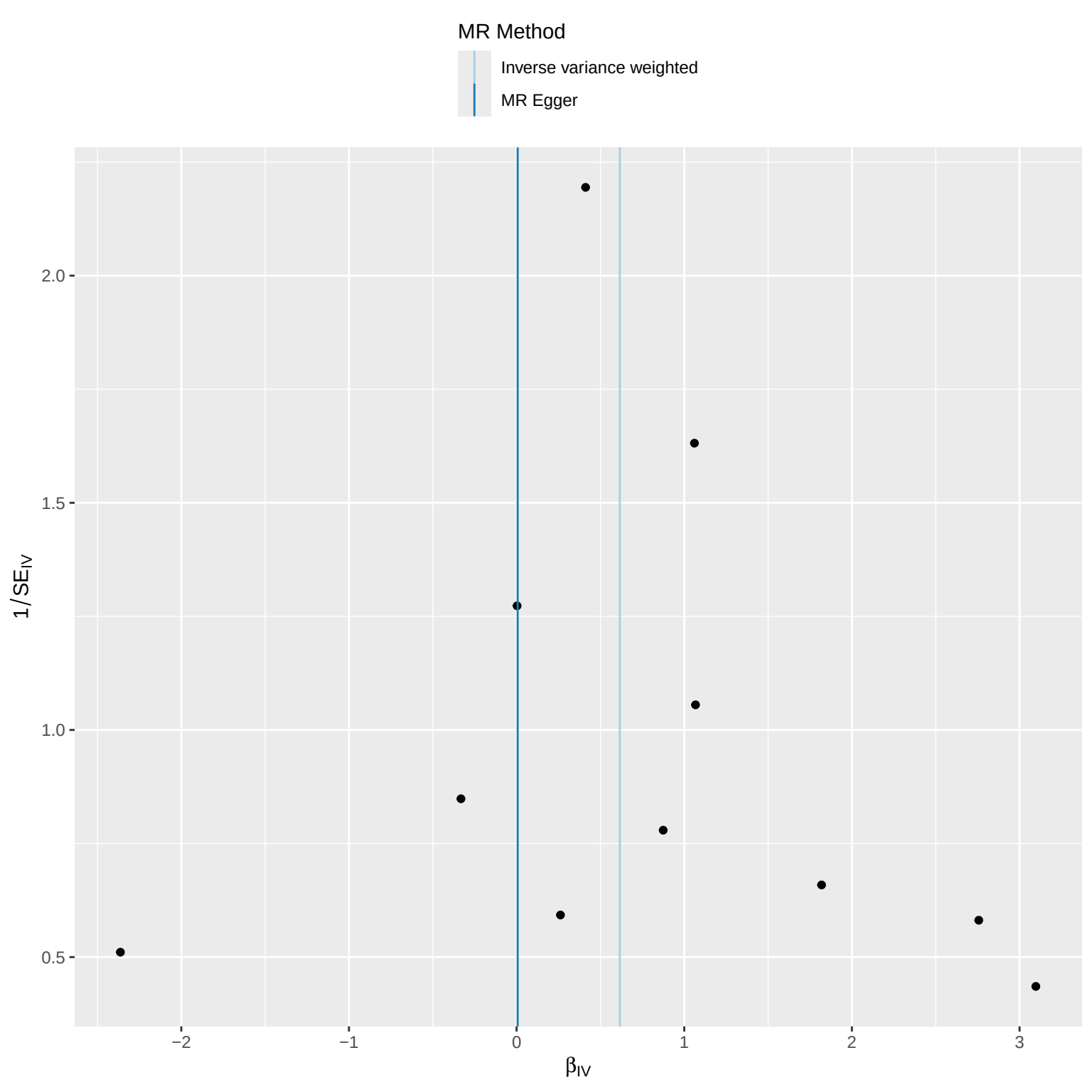

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

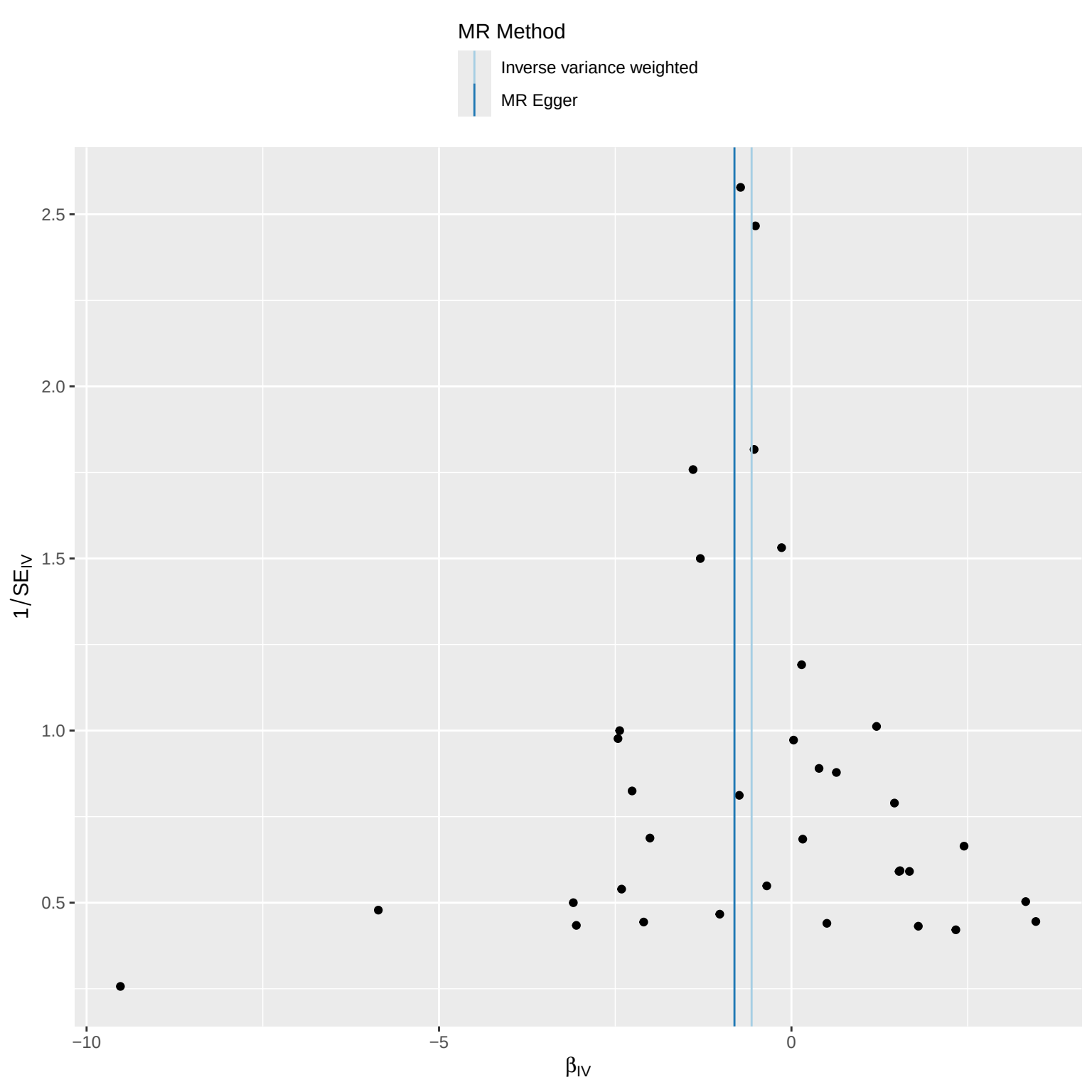

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
β_IV

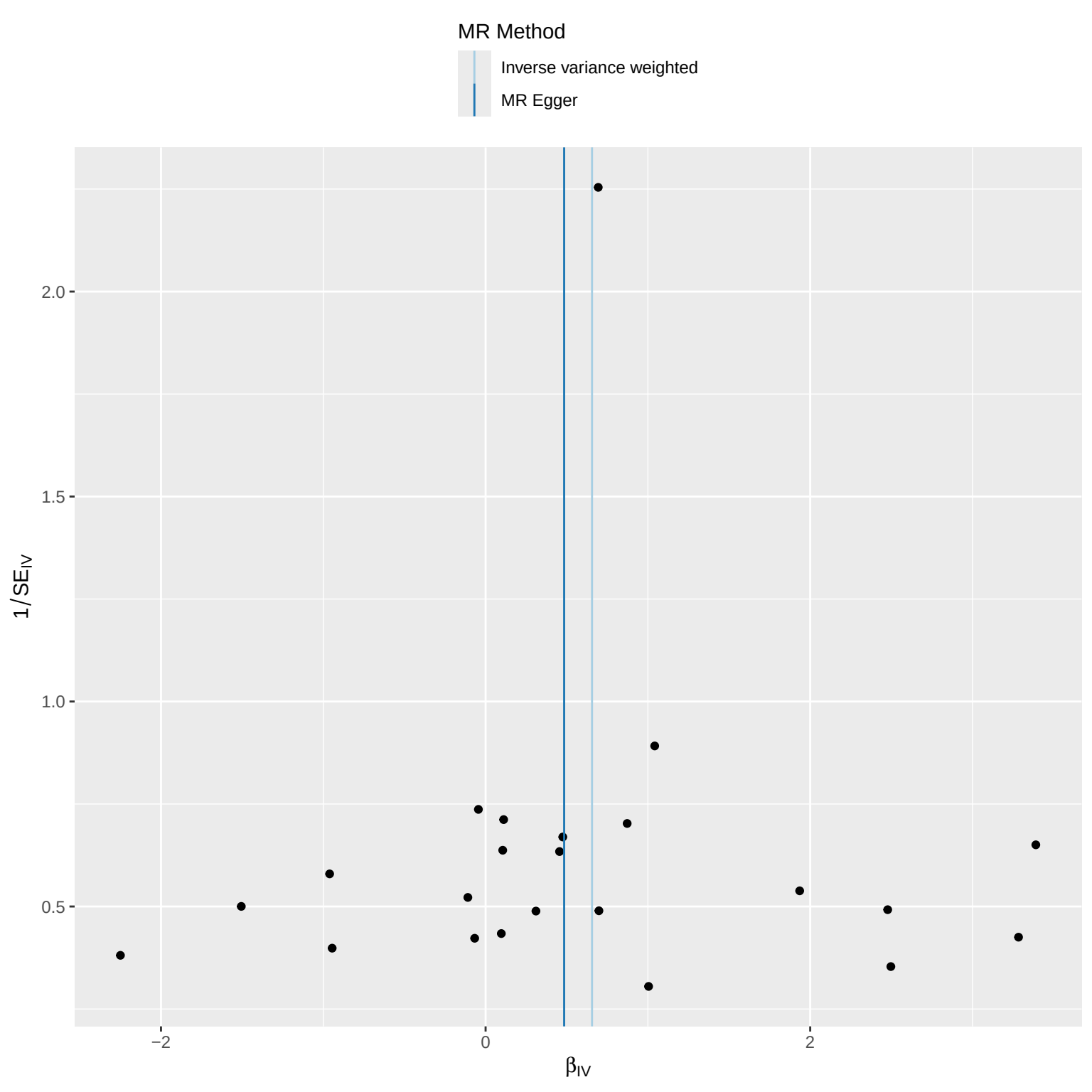

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

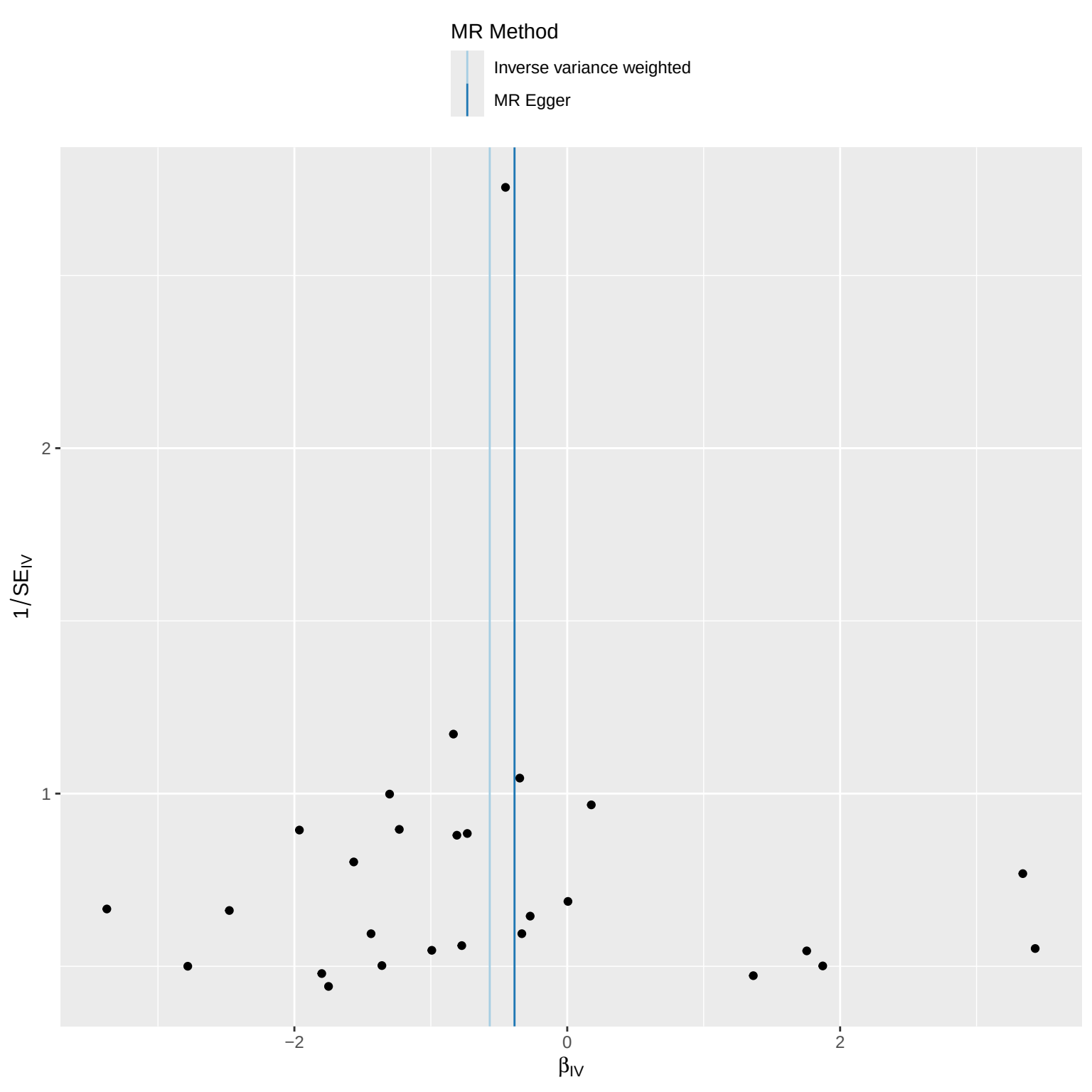

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

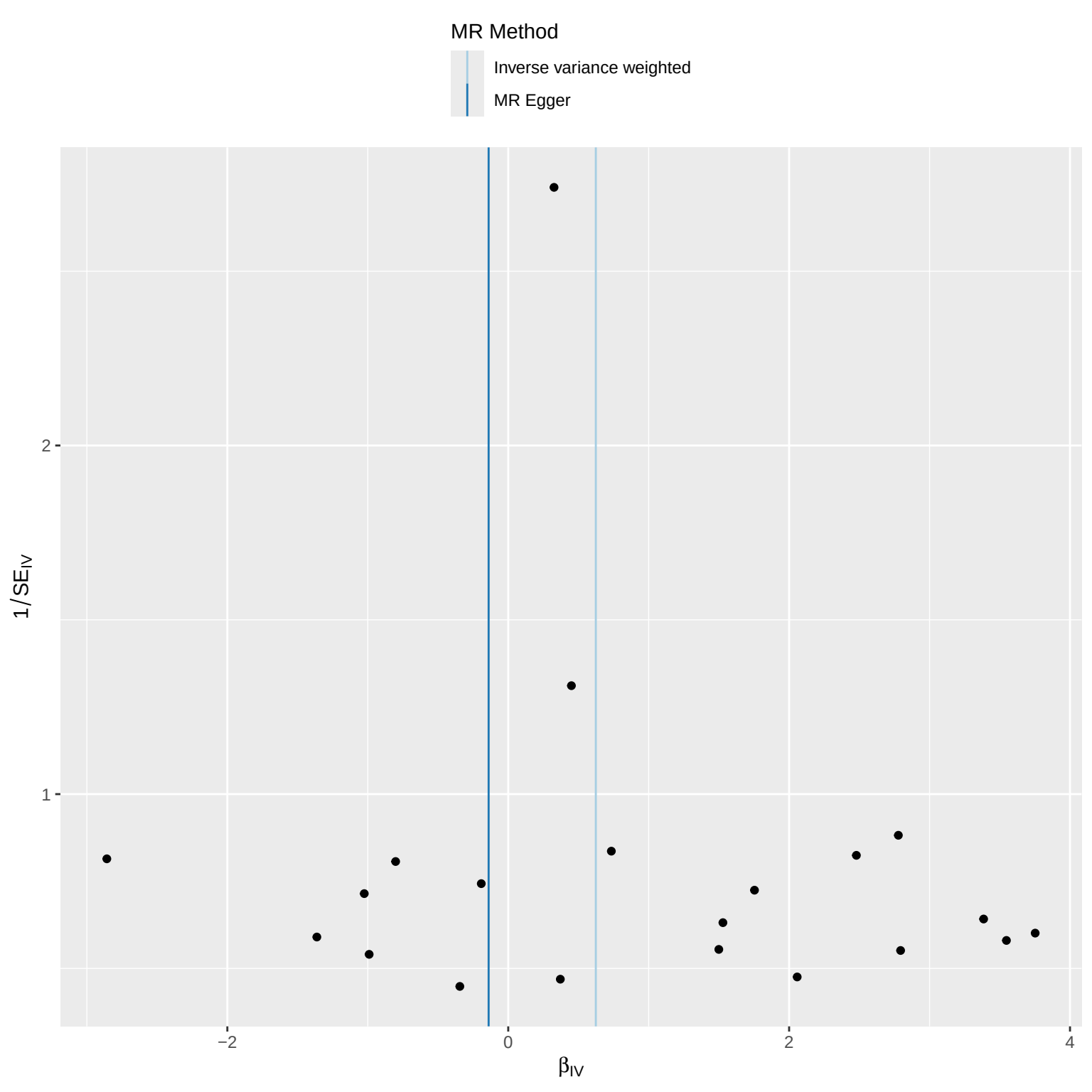

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

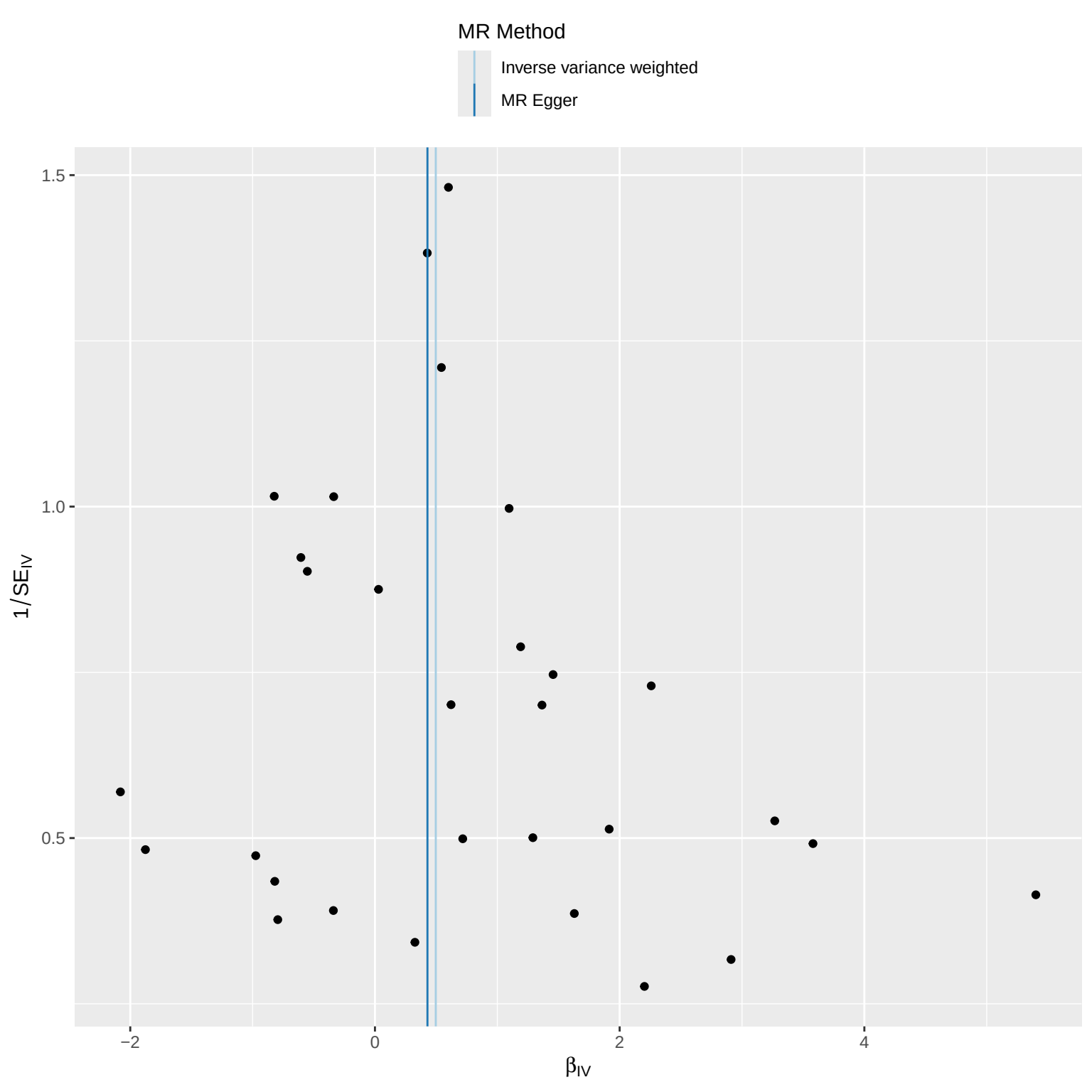

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

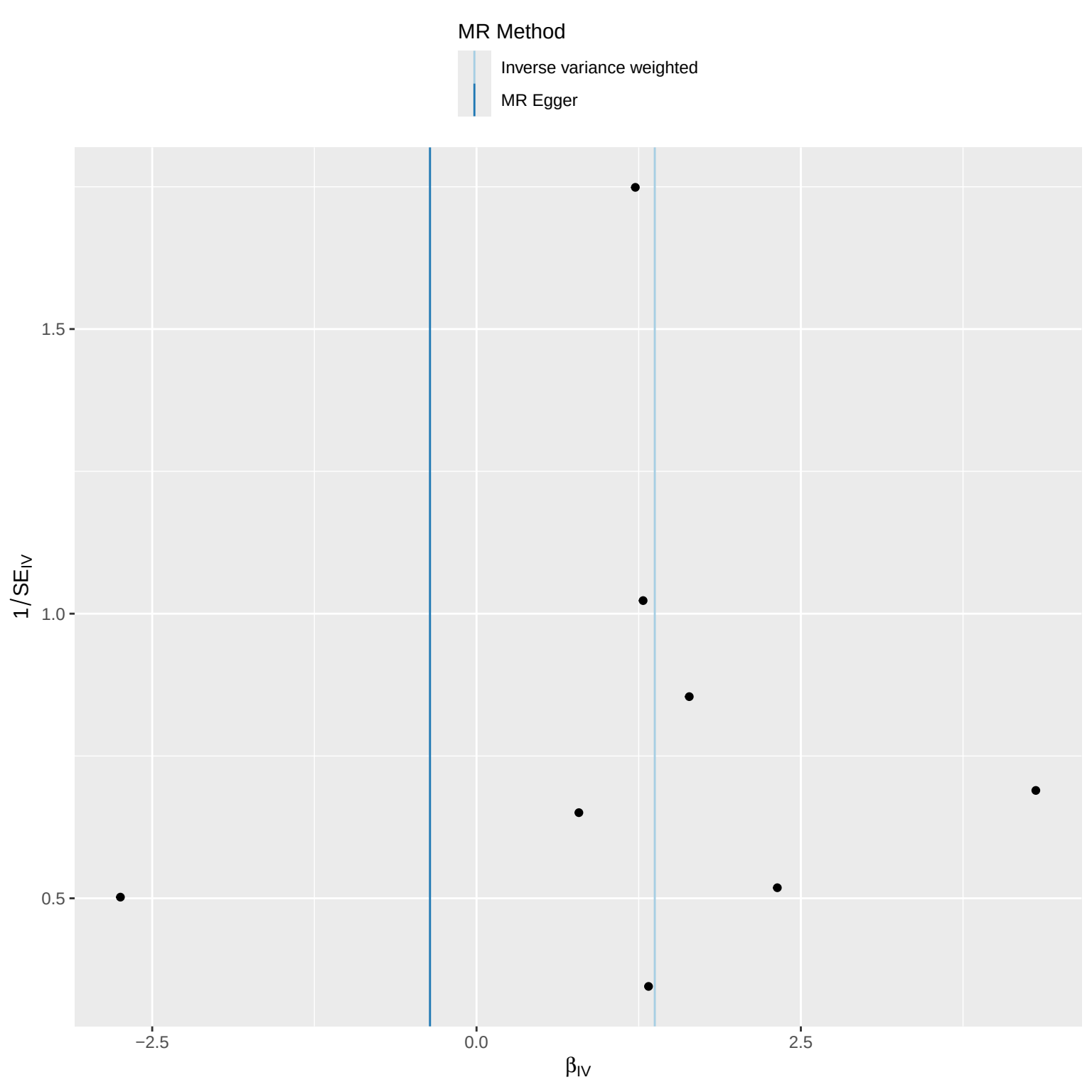

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−10
−5
0
β_IV

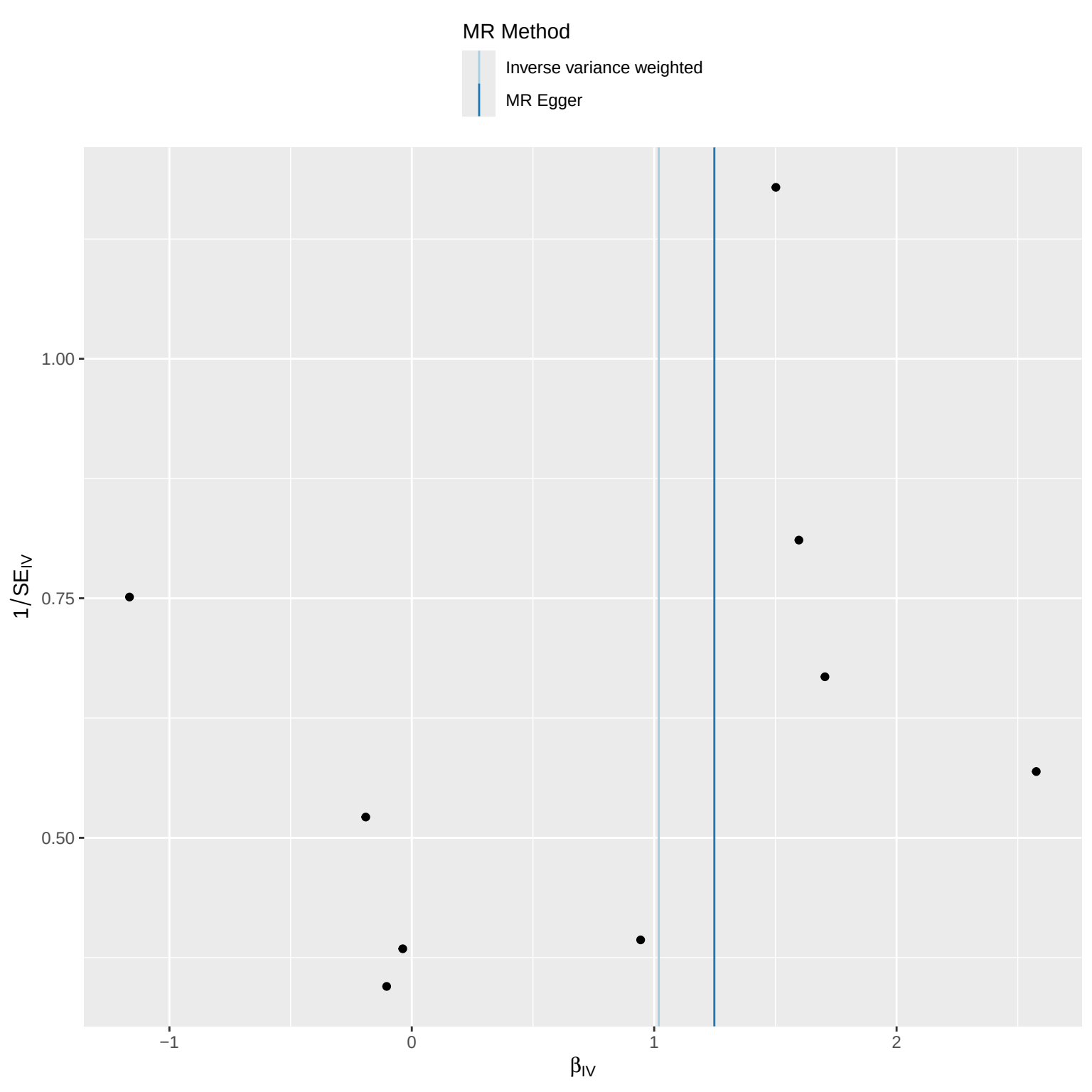

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

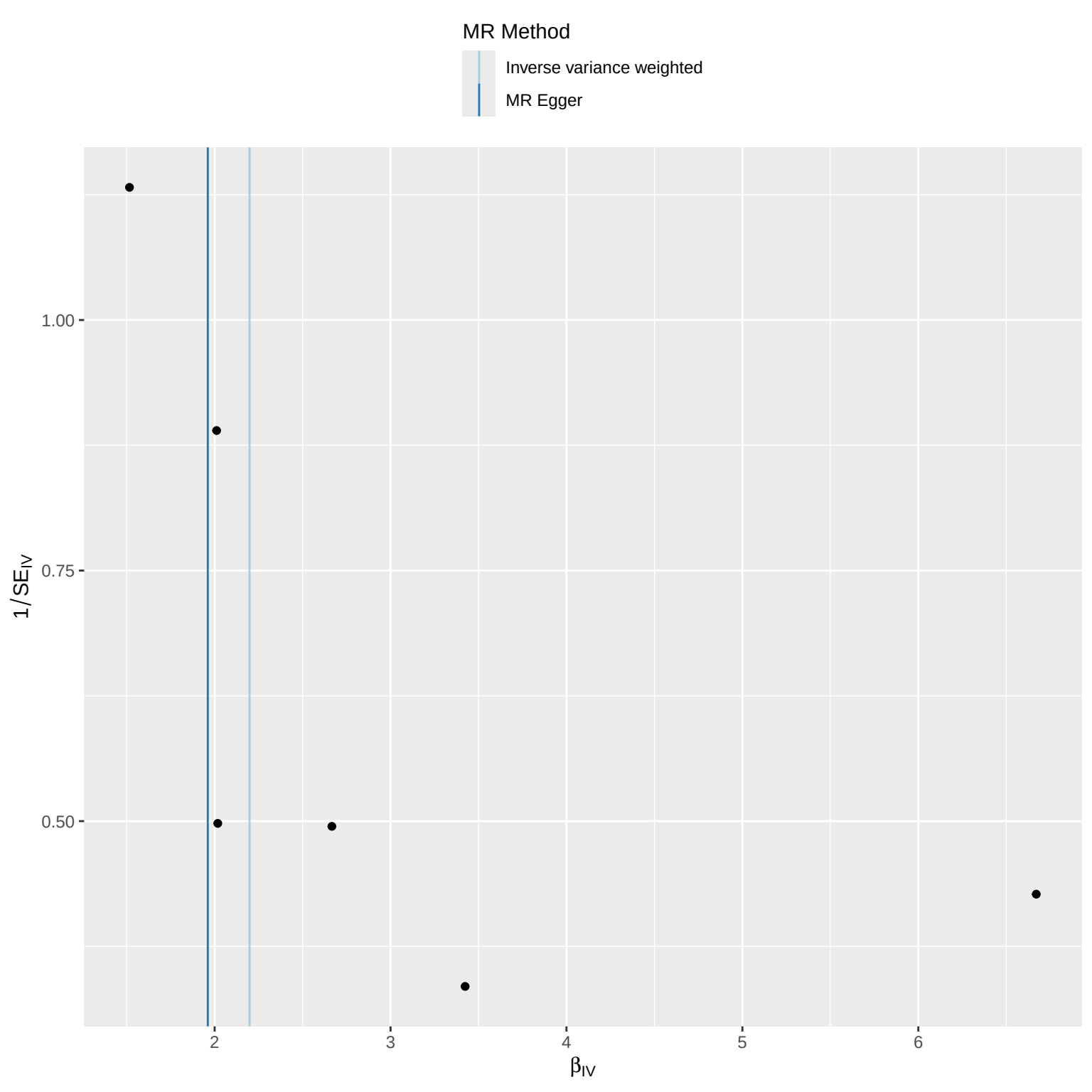

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

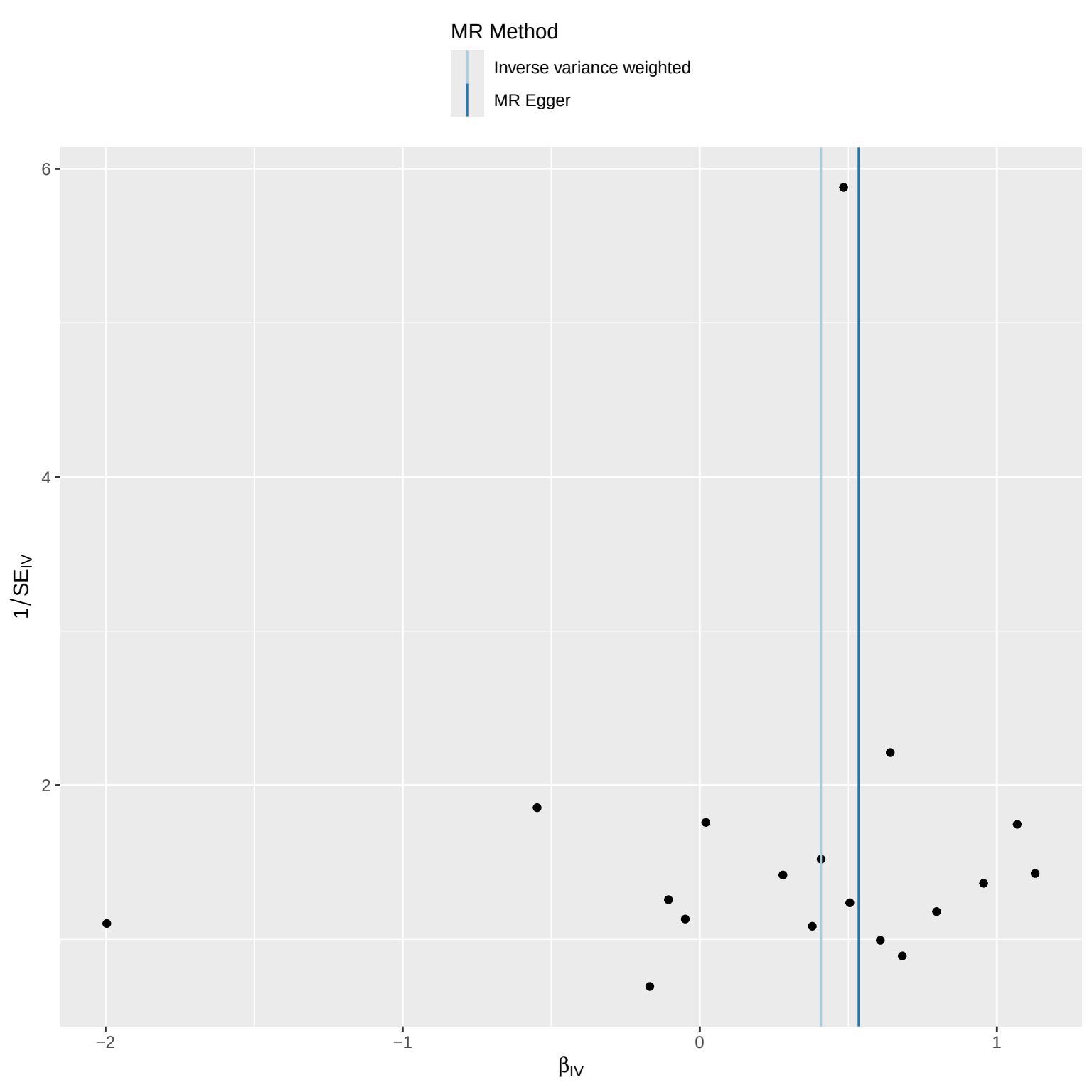

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

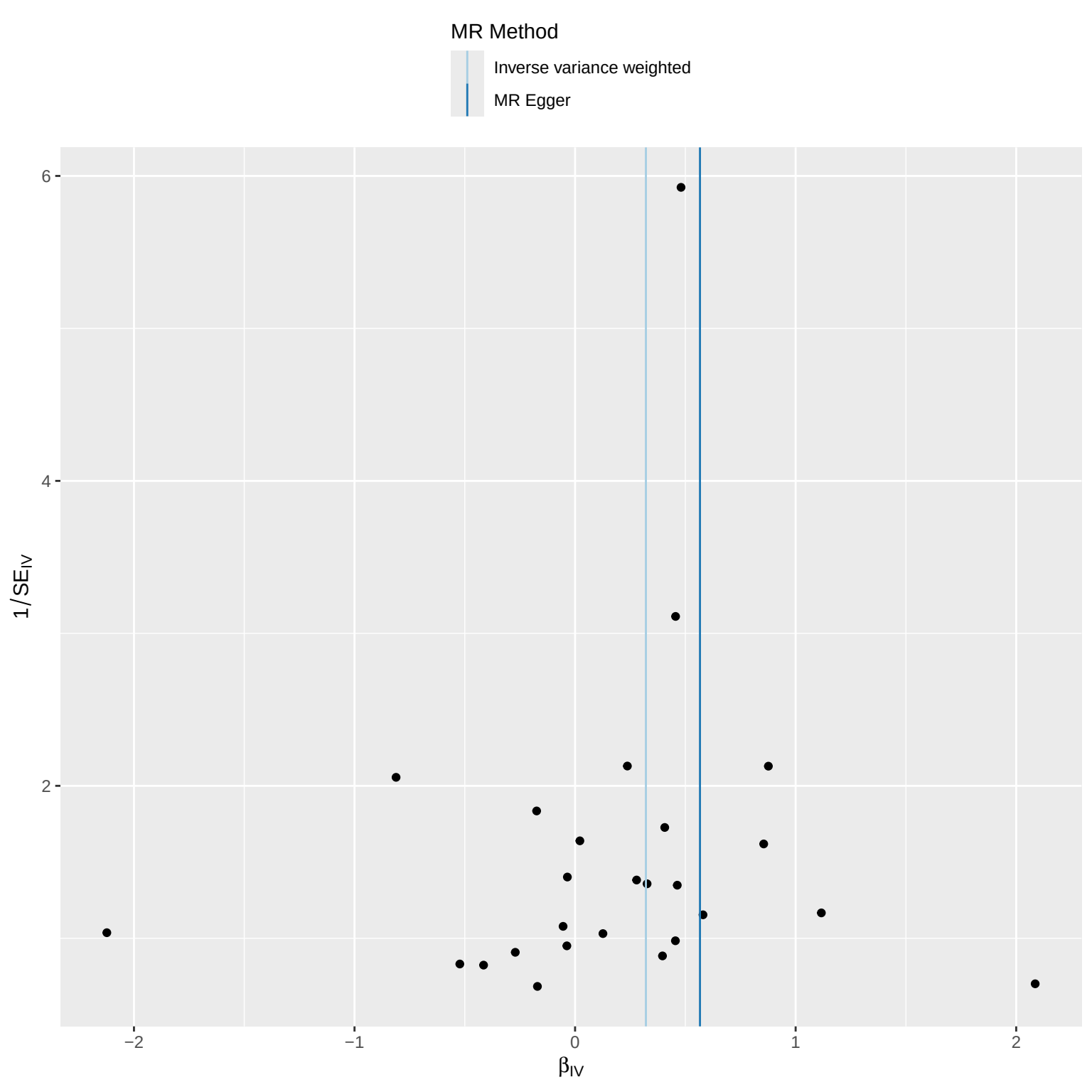

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

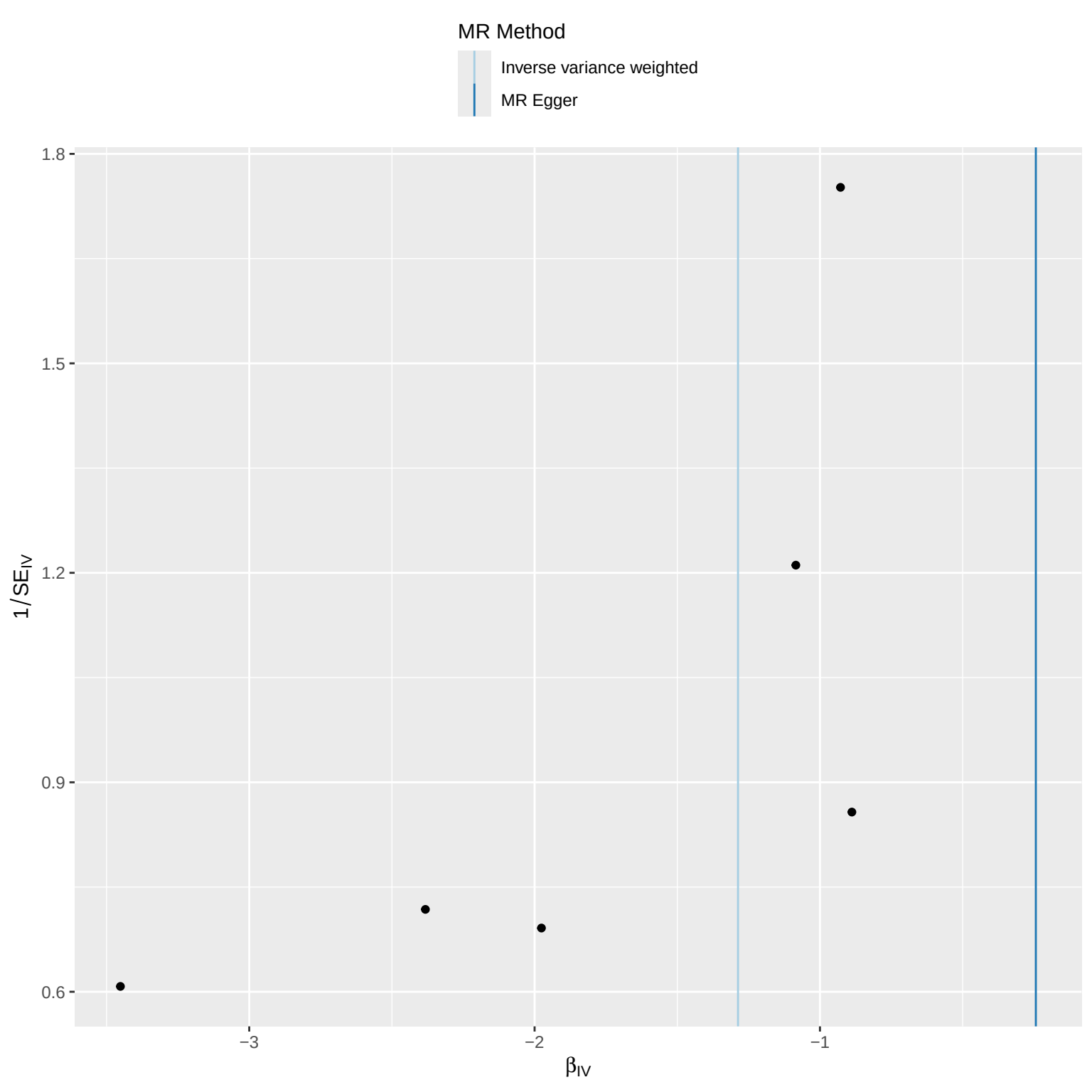

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

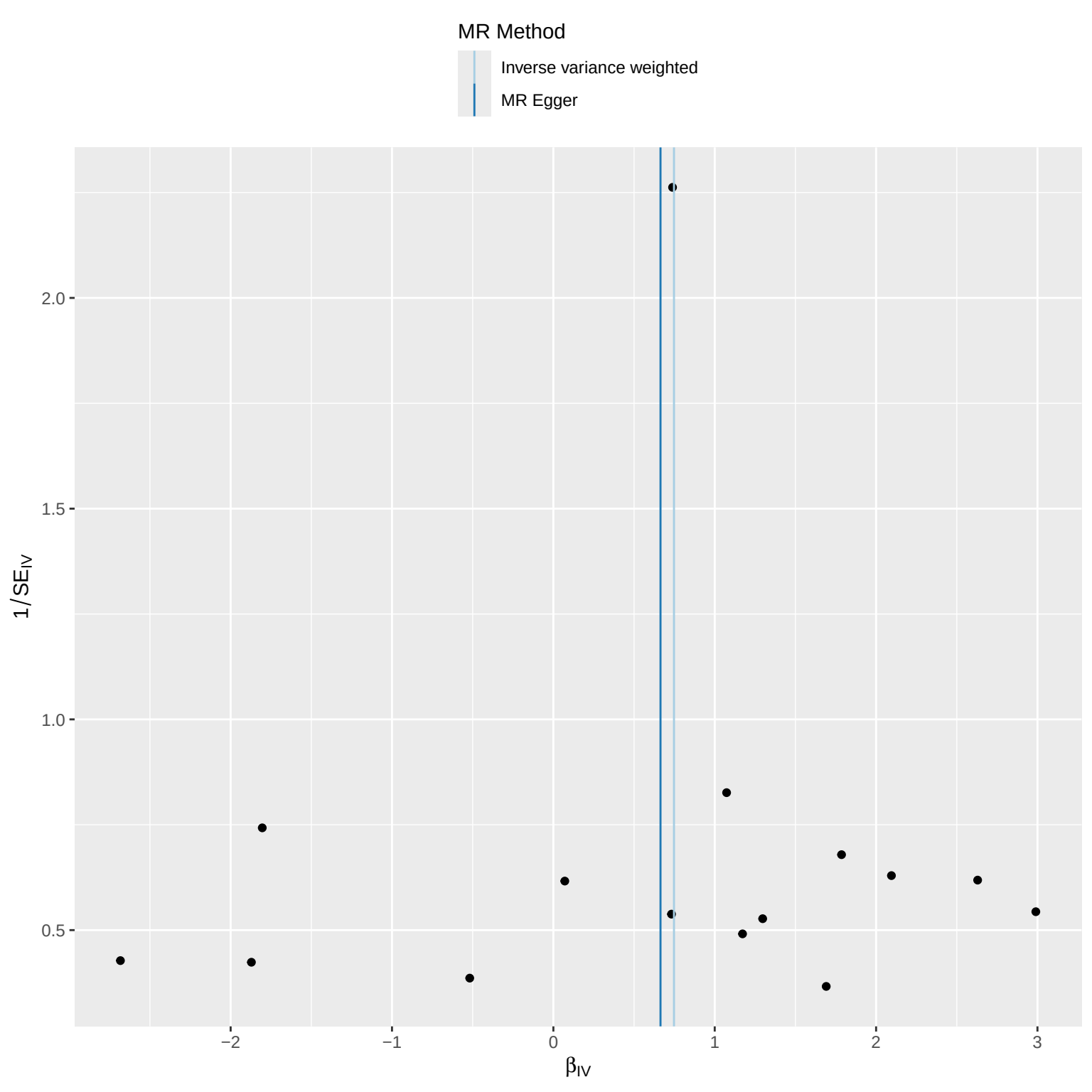

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
β_IV

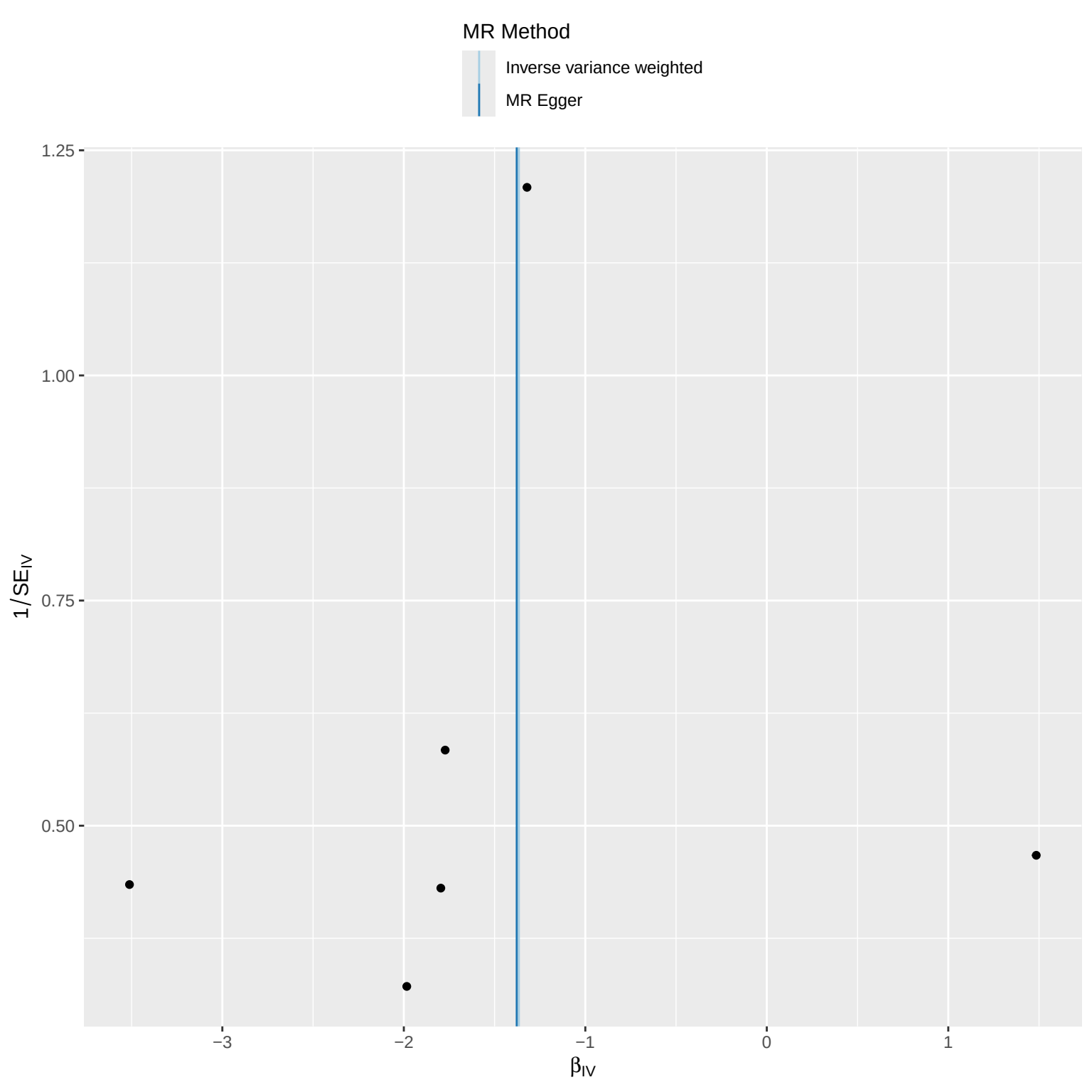

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
2
3
4
5
6
β_IV

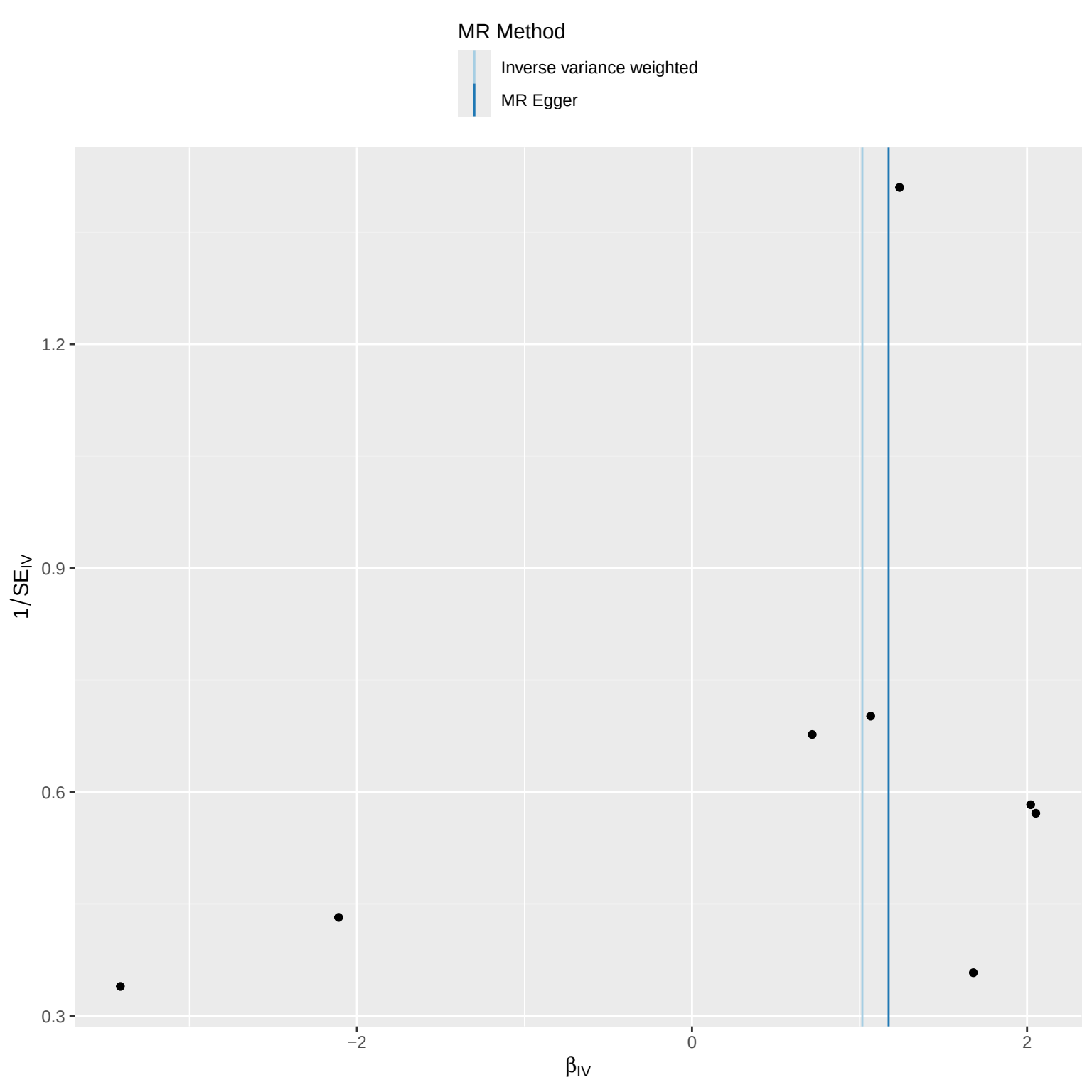

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

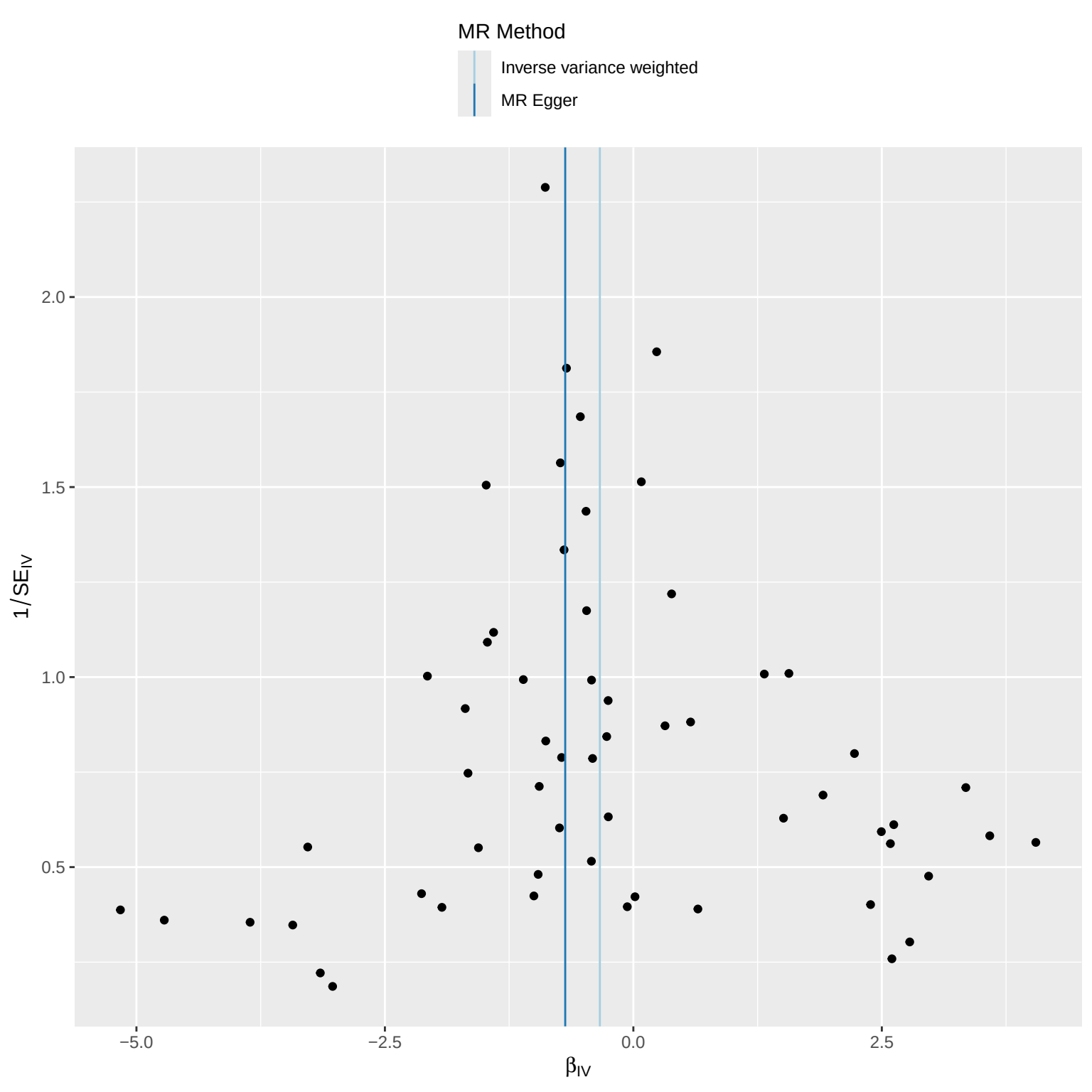

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

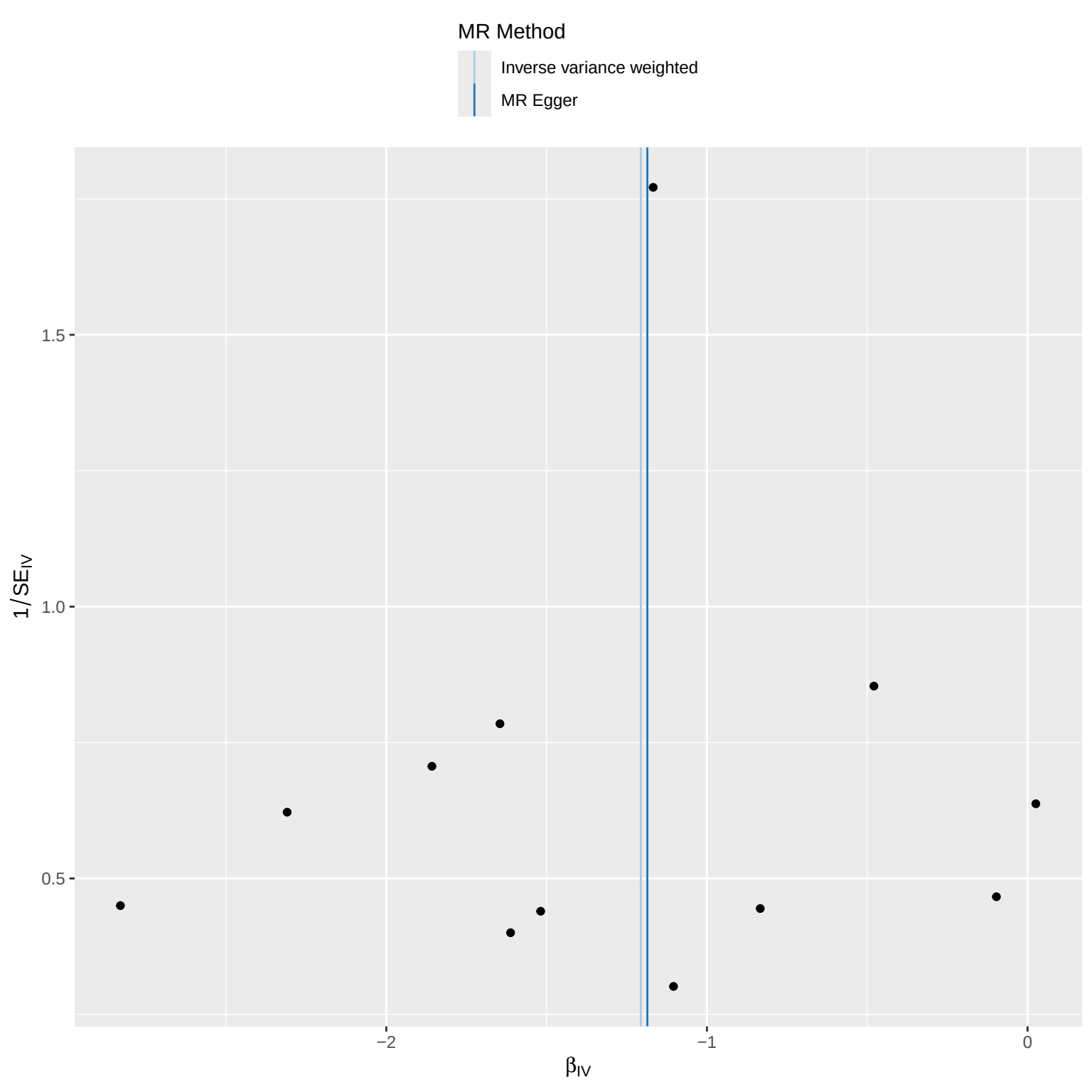

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
β_IV

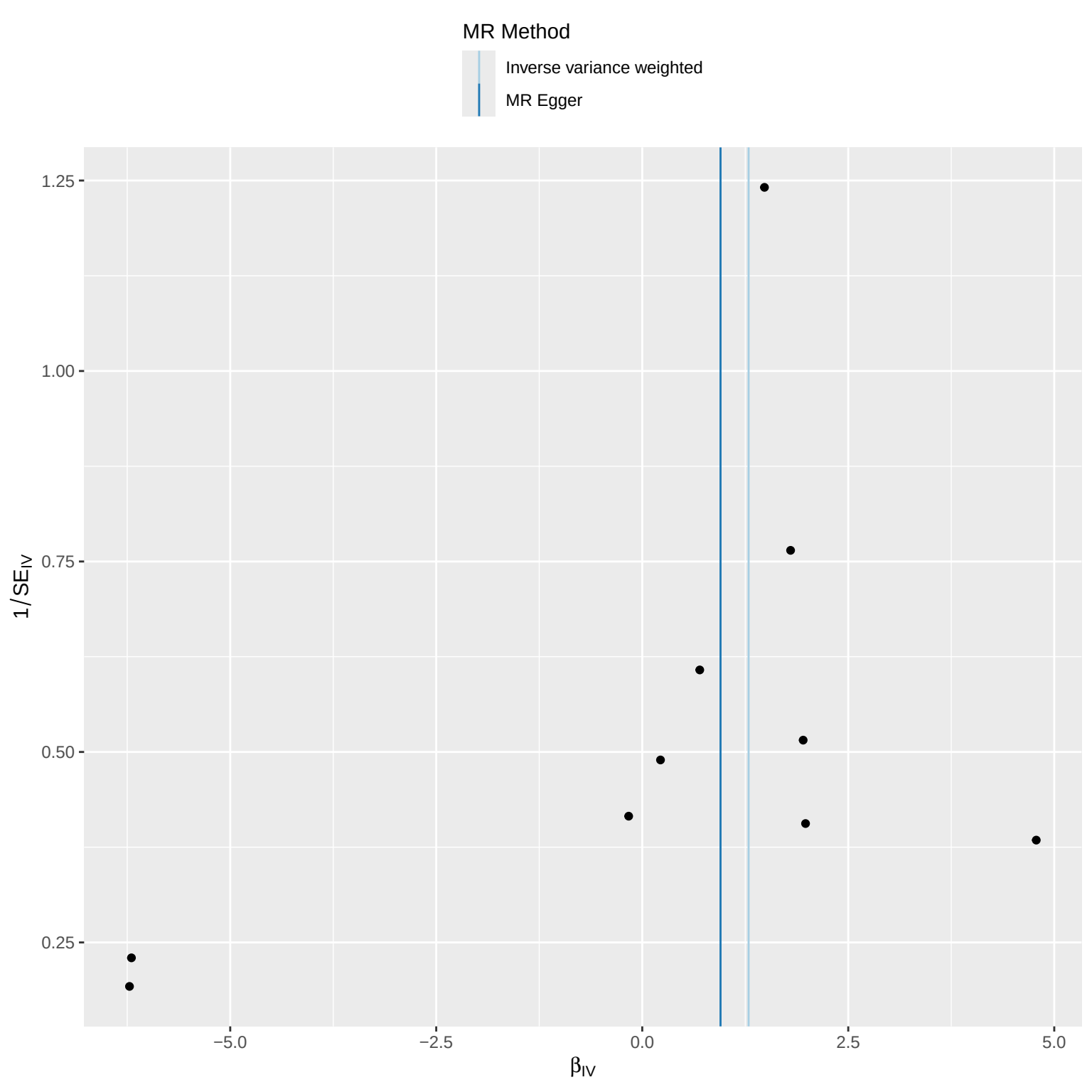

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

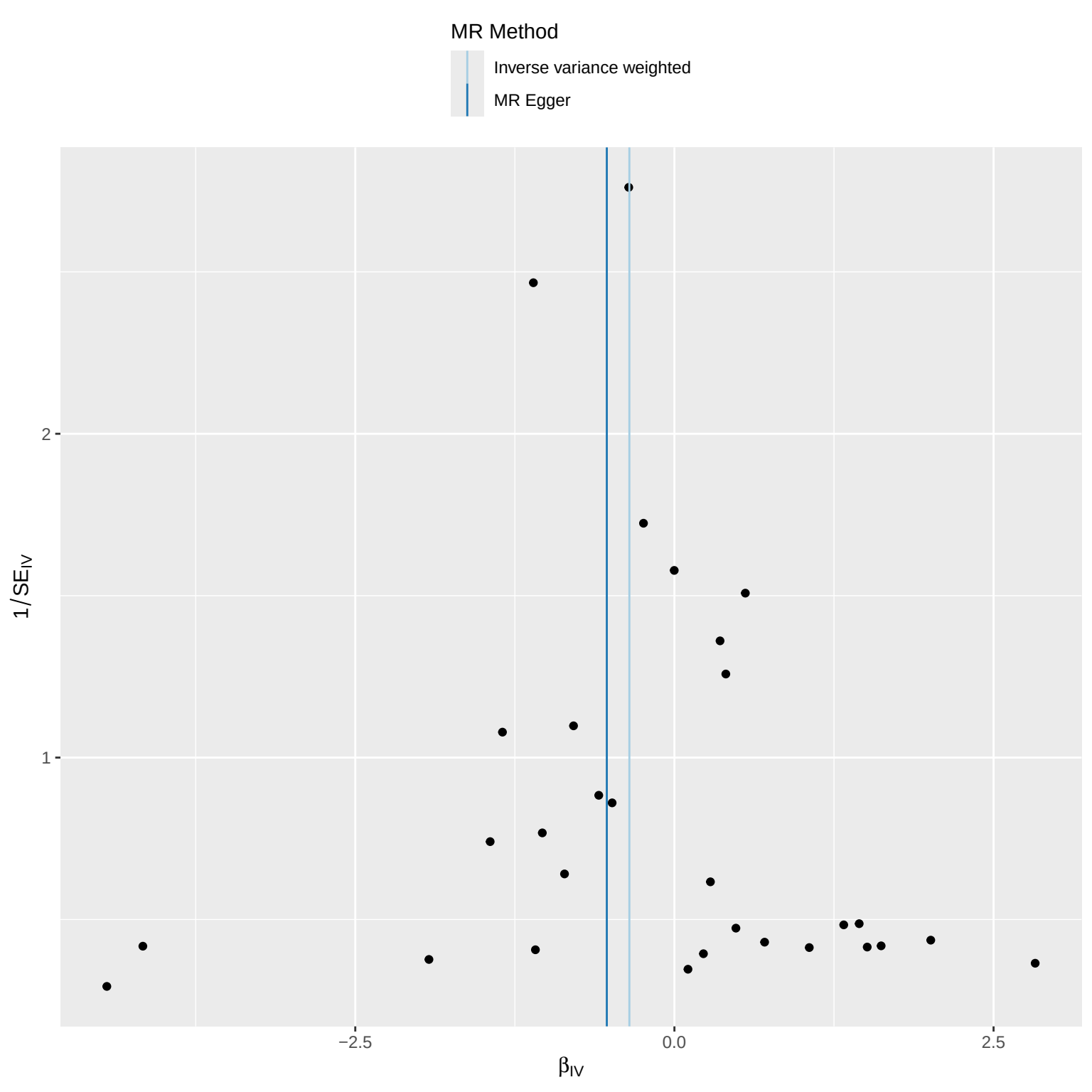

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

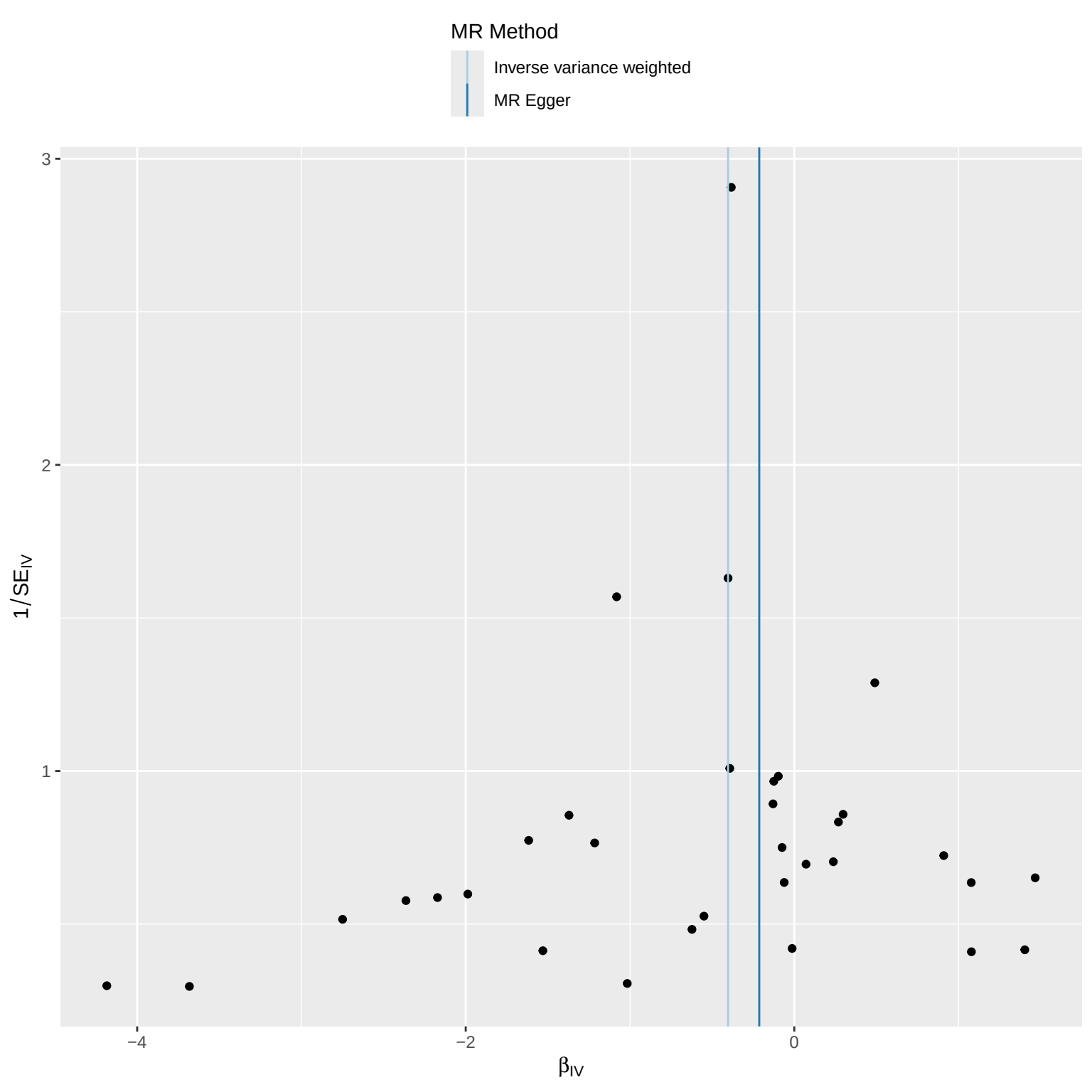

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−2
0
2
β_IV

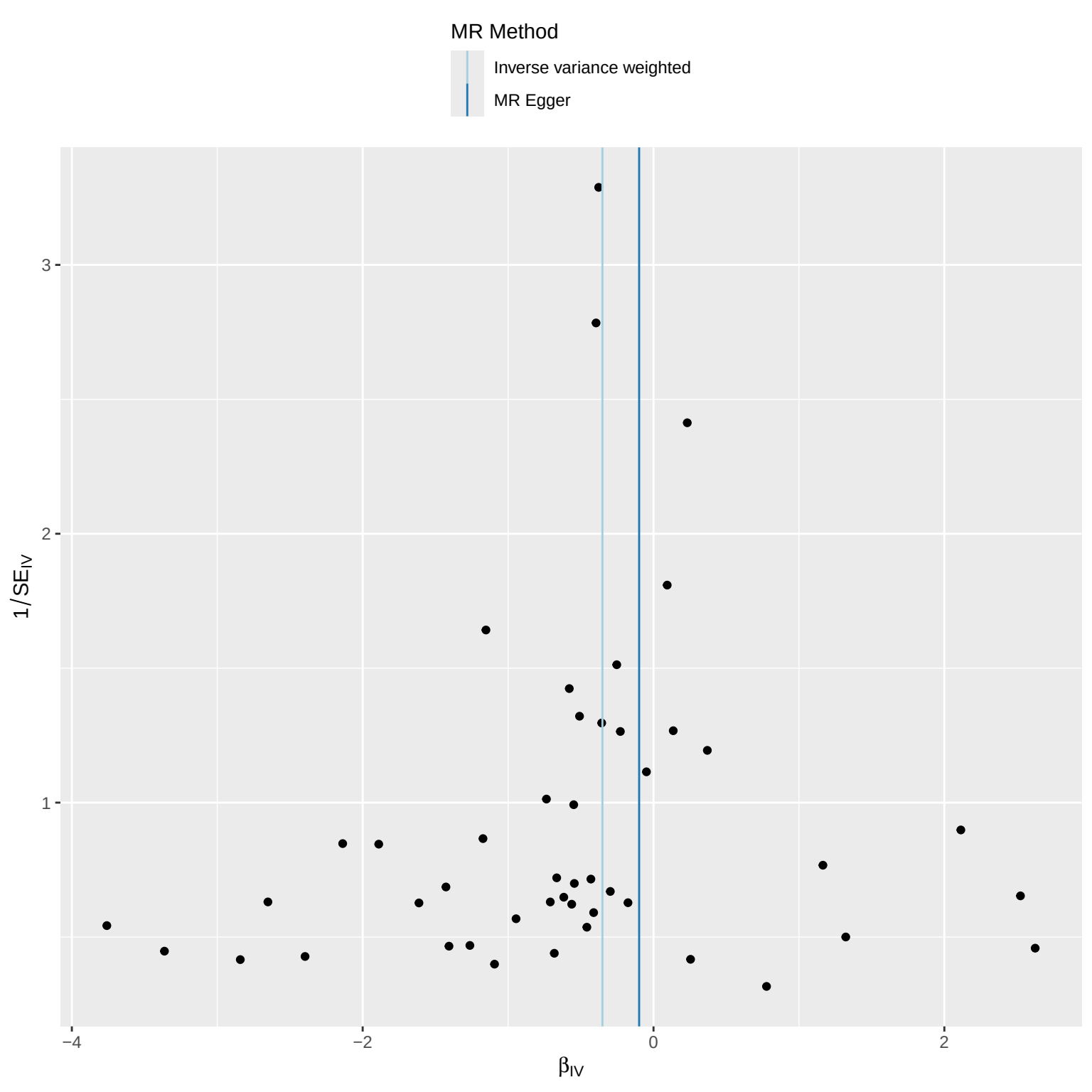

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

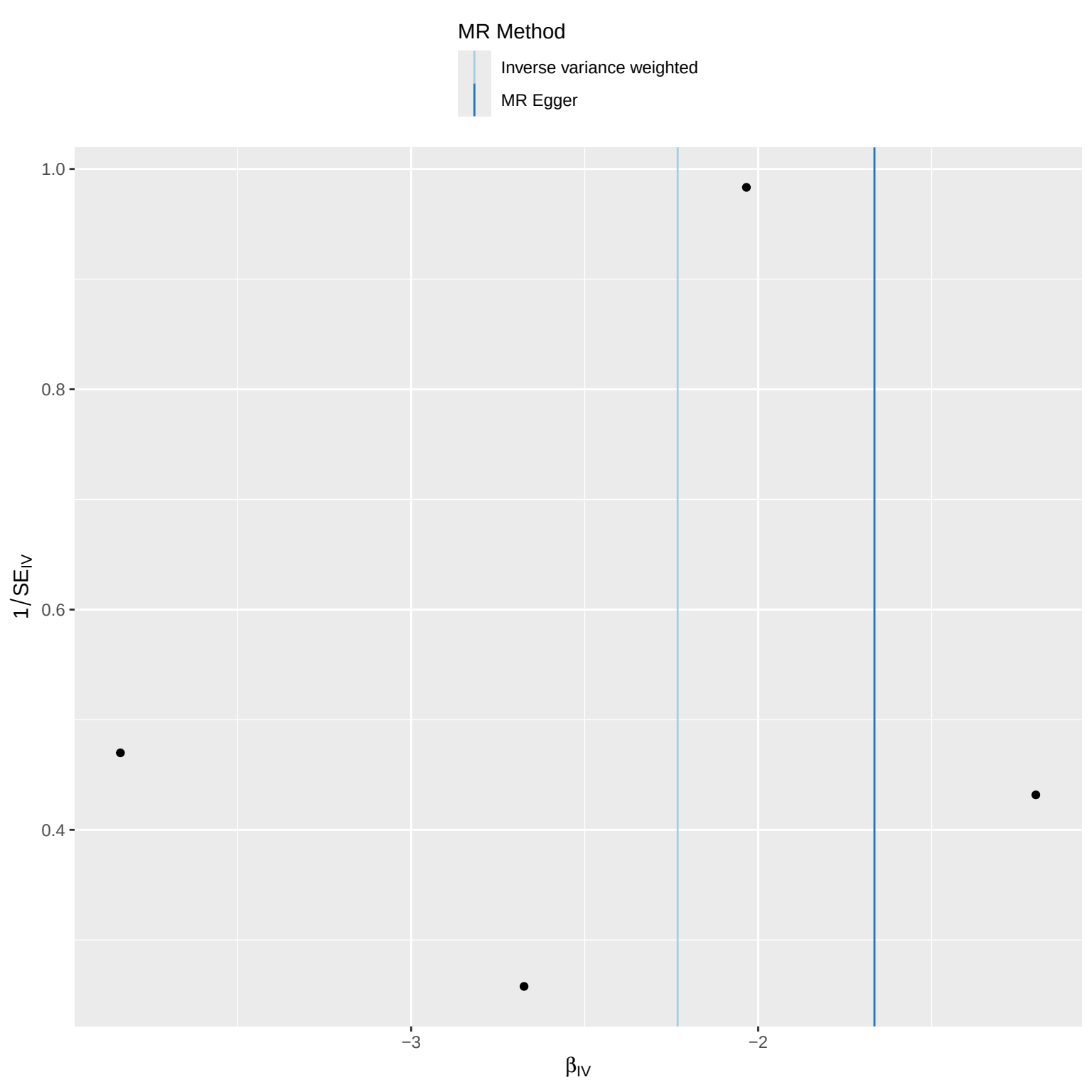

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

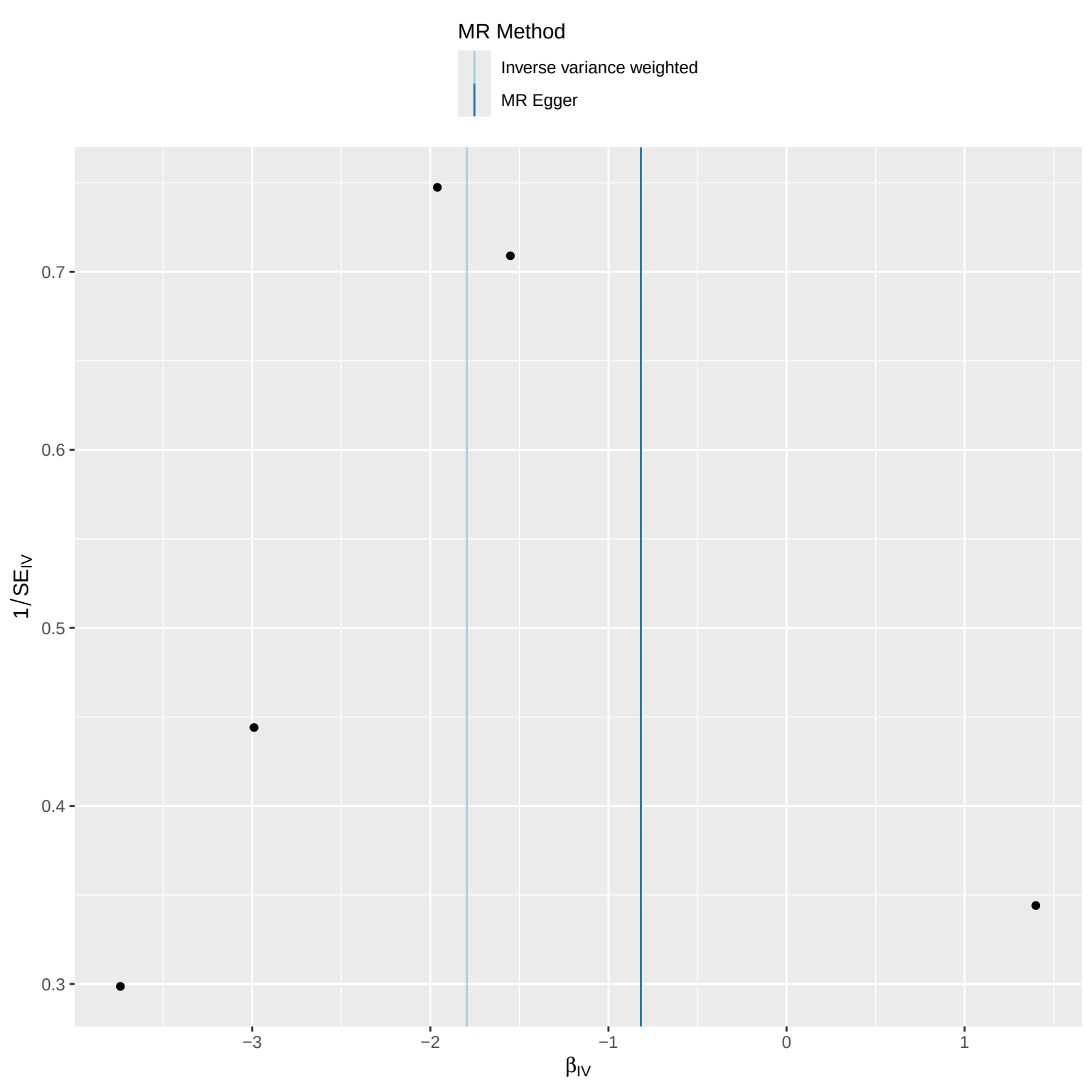

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

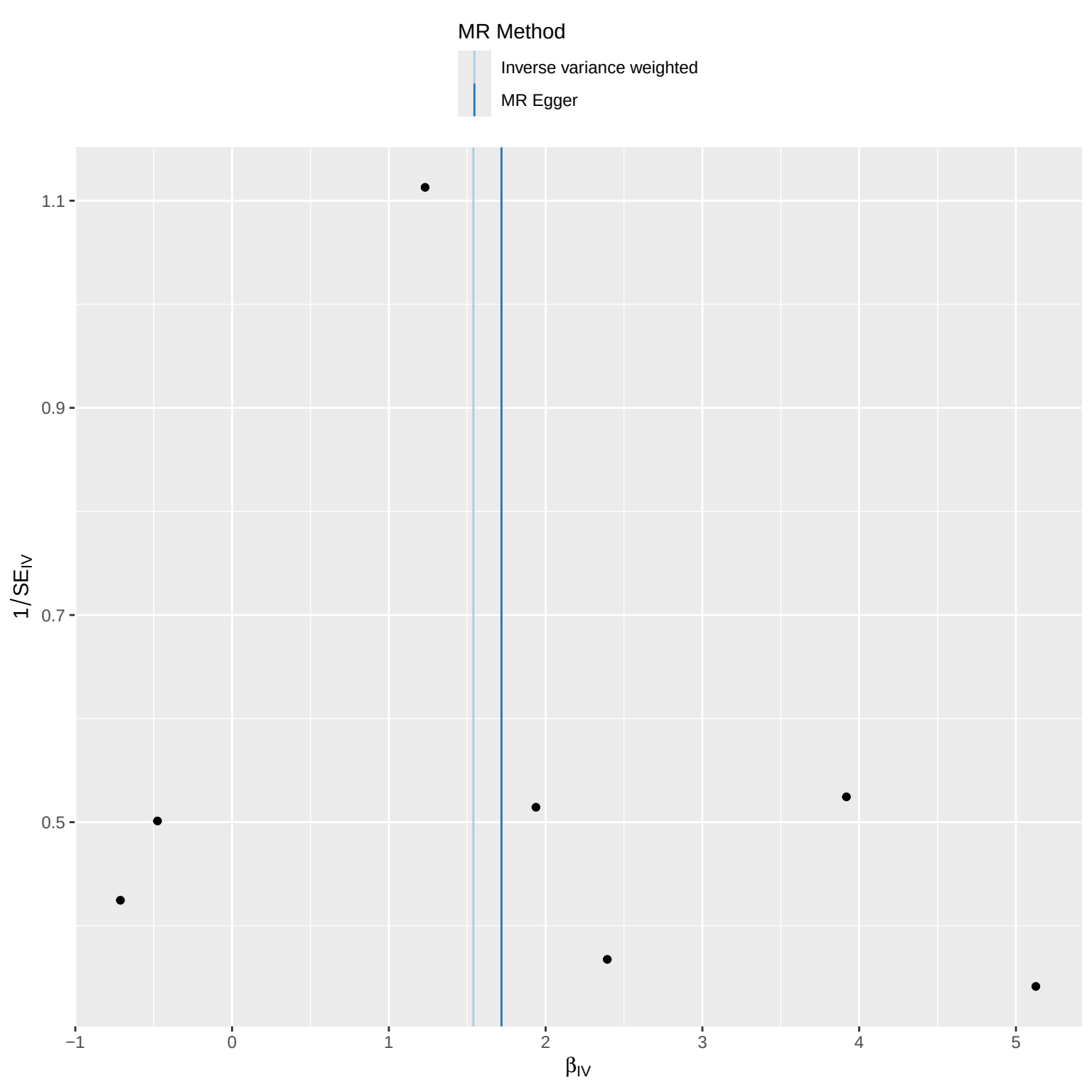

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

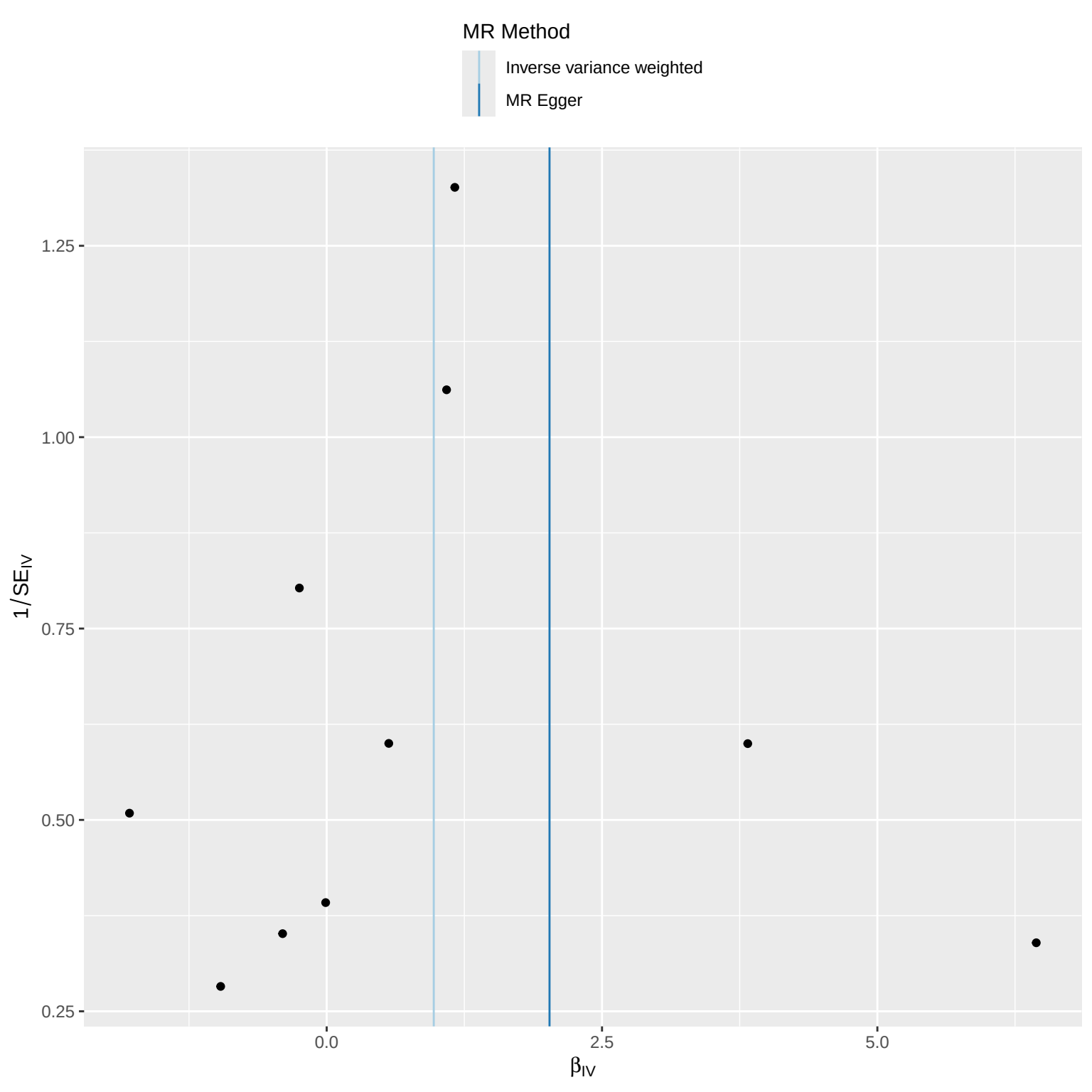

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
β_IV

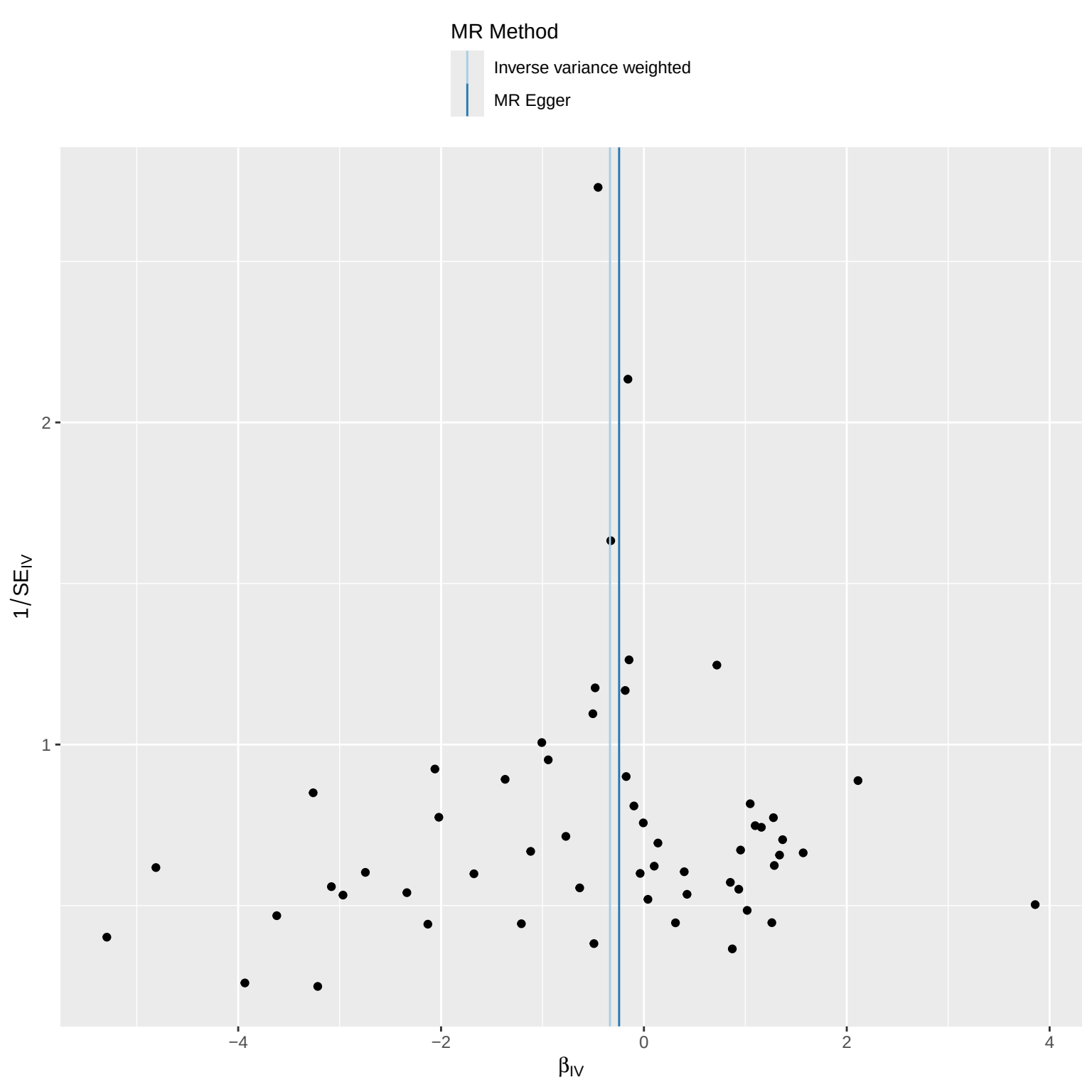

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

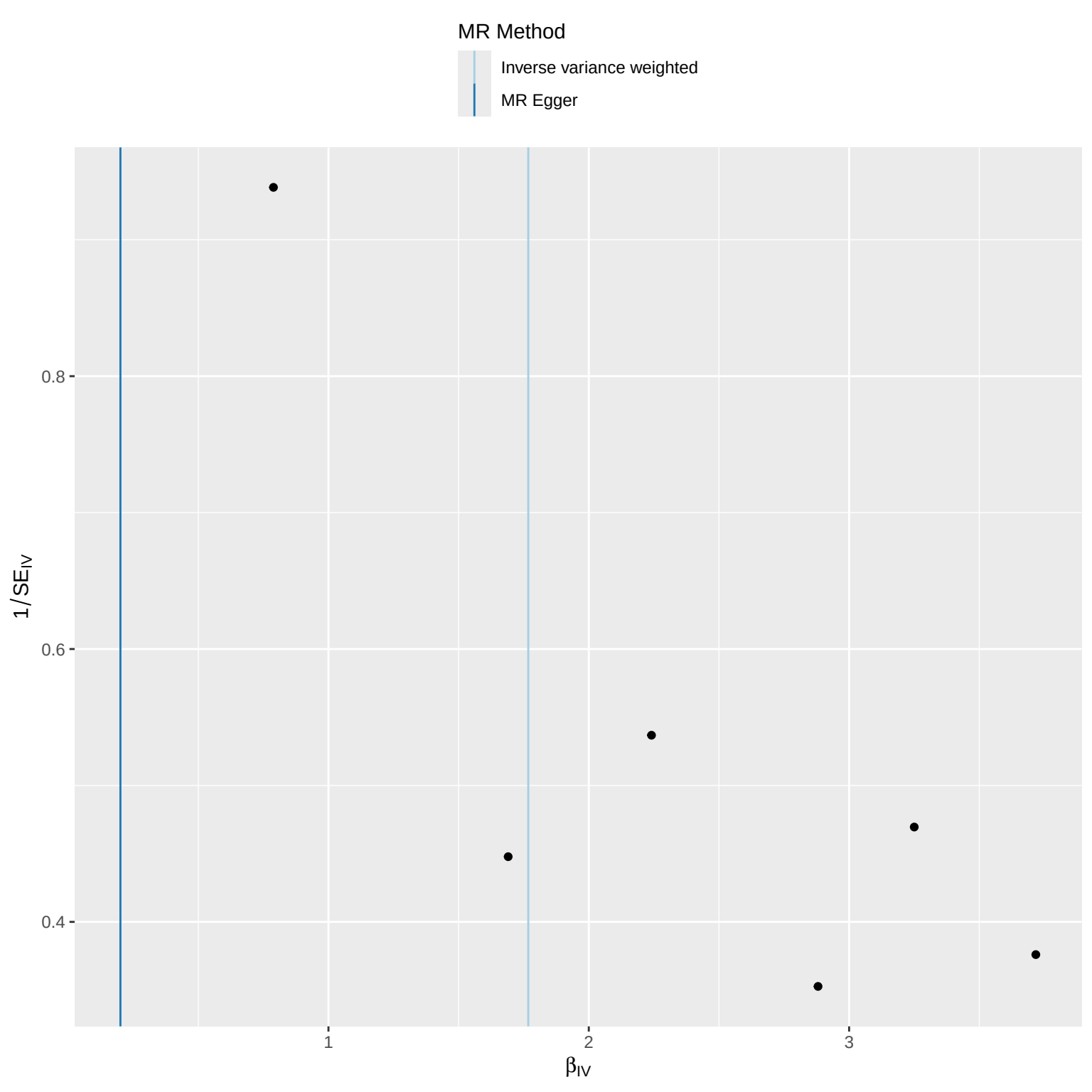

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
β_IV

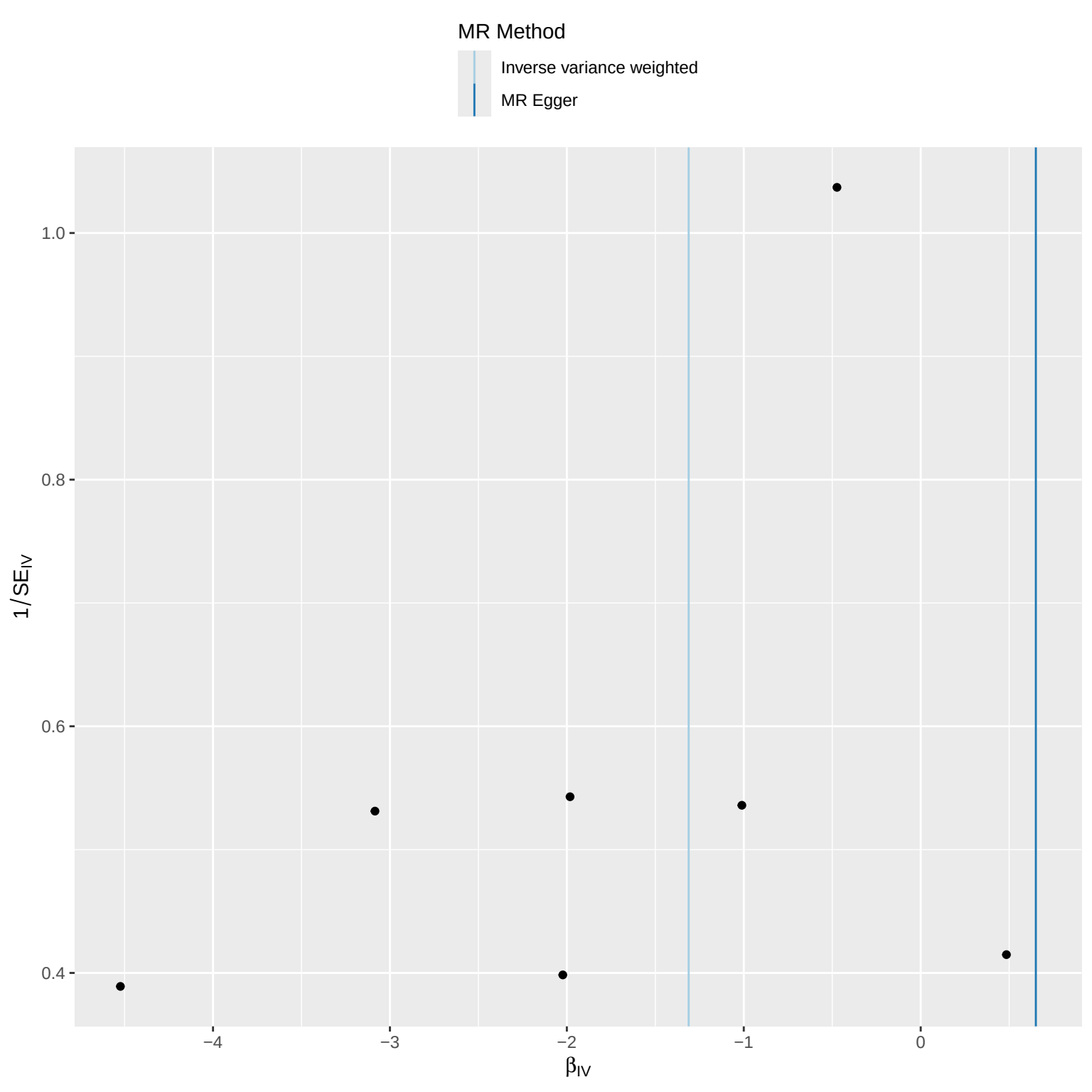

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
0.3
1/SE_IV
−3
−2
−1
0
1
β_IV

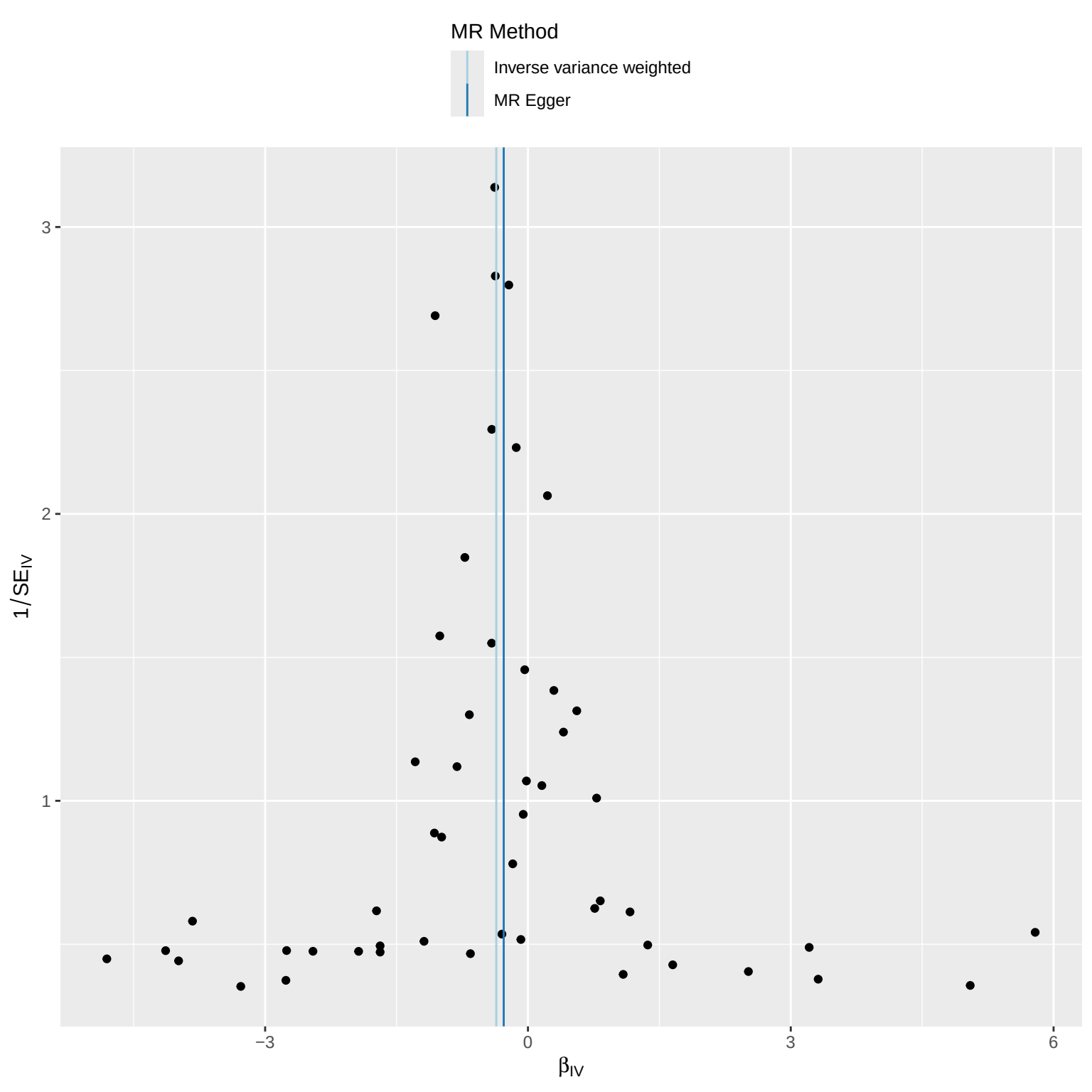

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
1/SE_IV
−1
0
1
2
3
4
5
β_IV

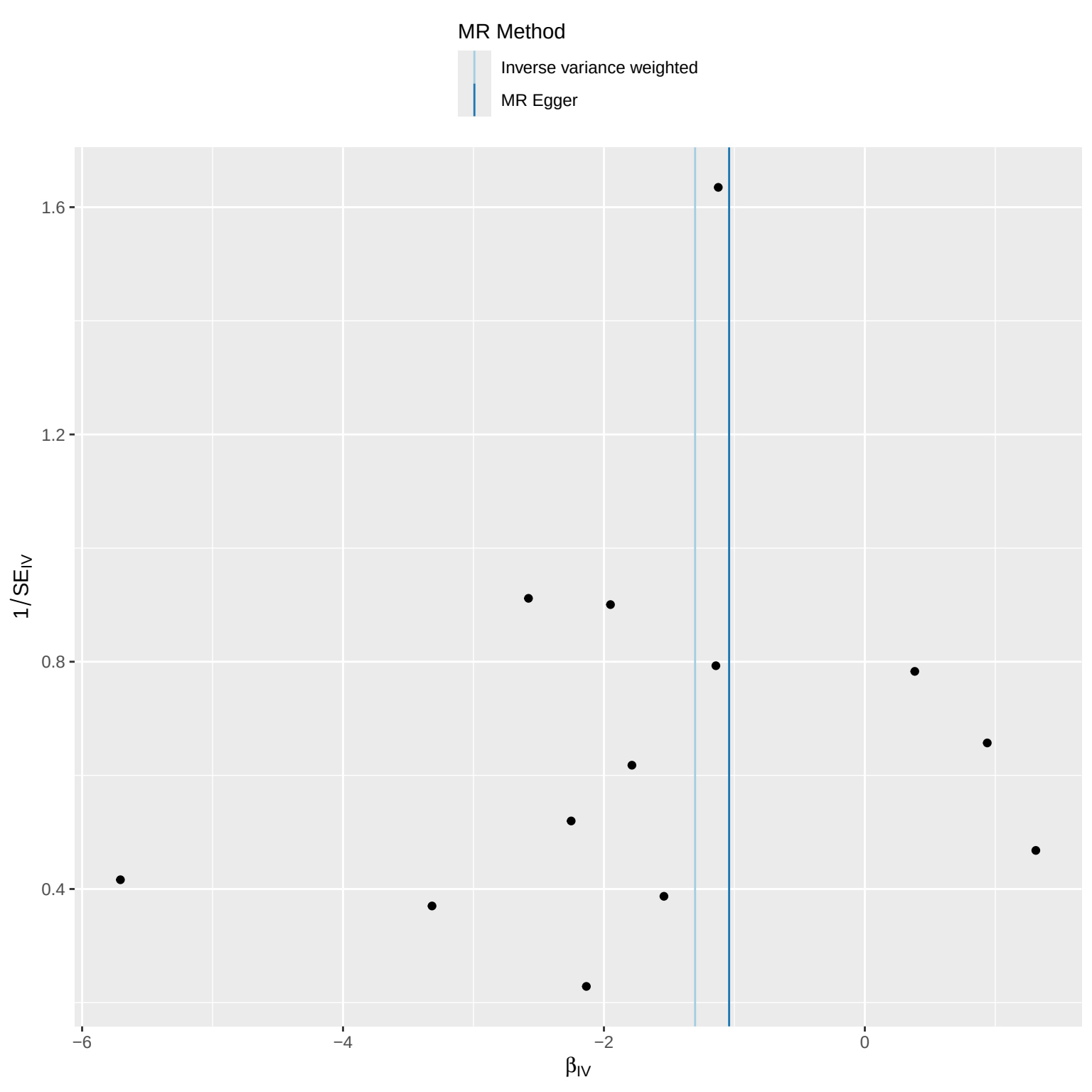

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
0.0
2.5
5.0
β_IV

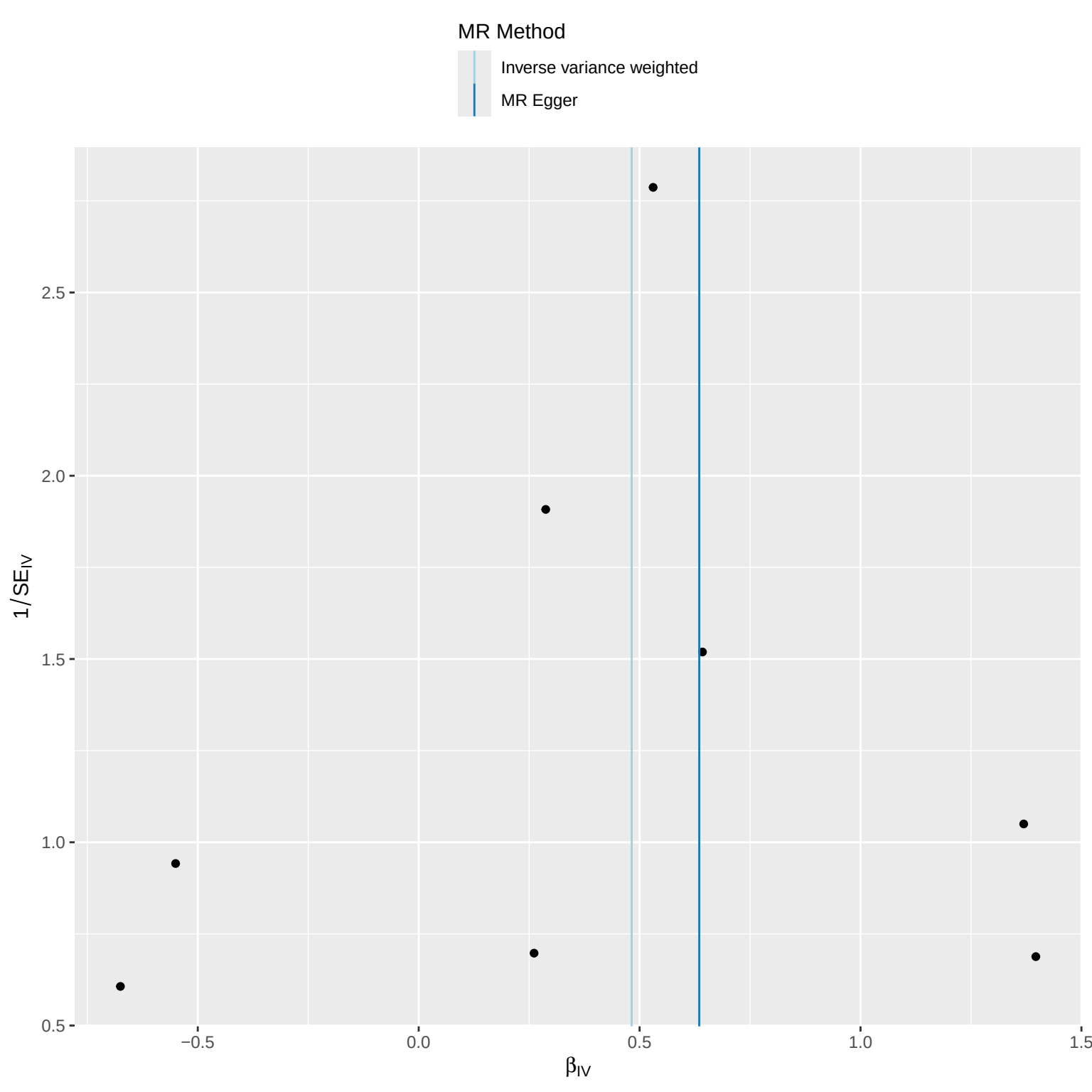

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

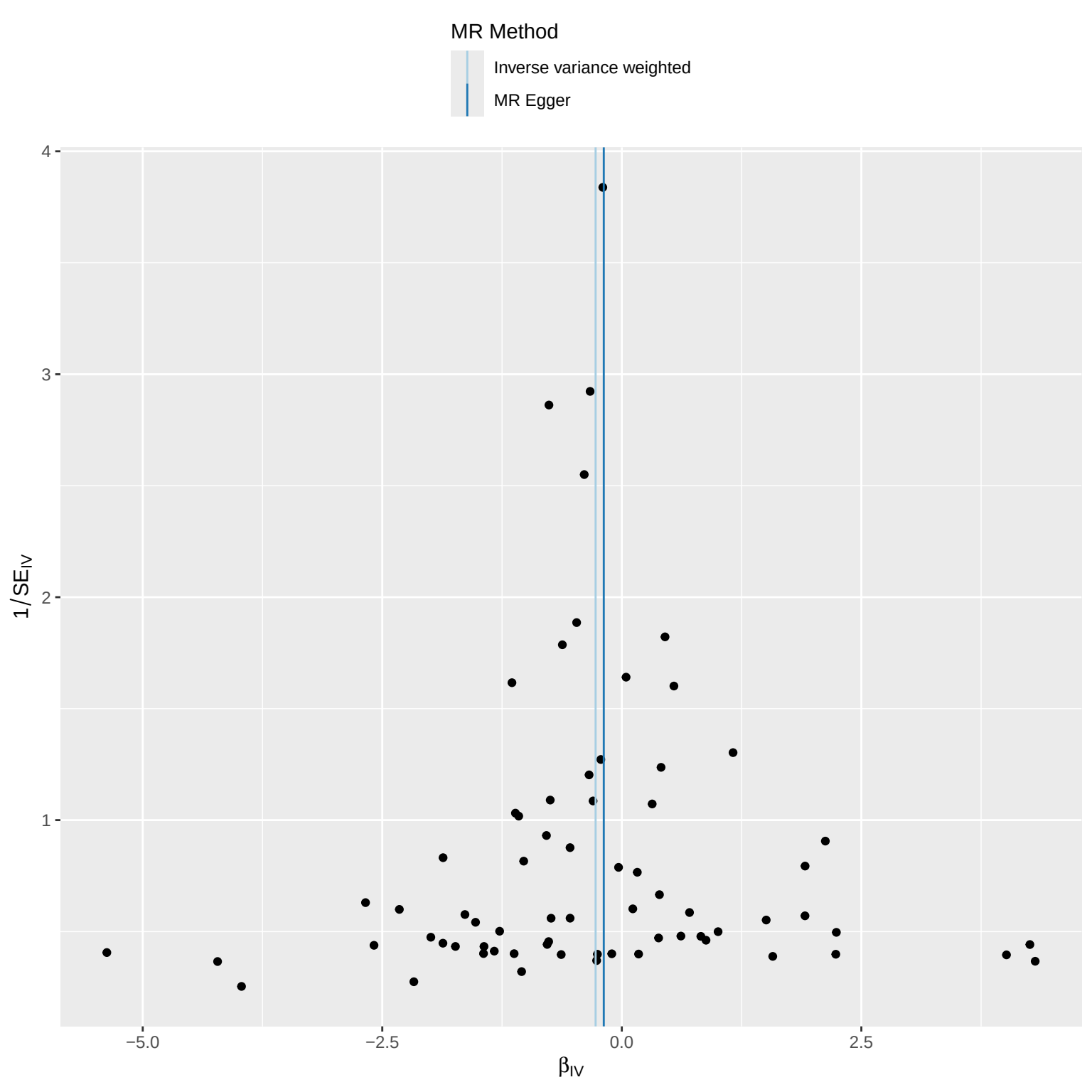

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
1
2
3
β_IV

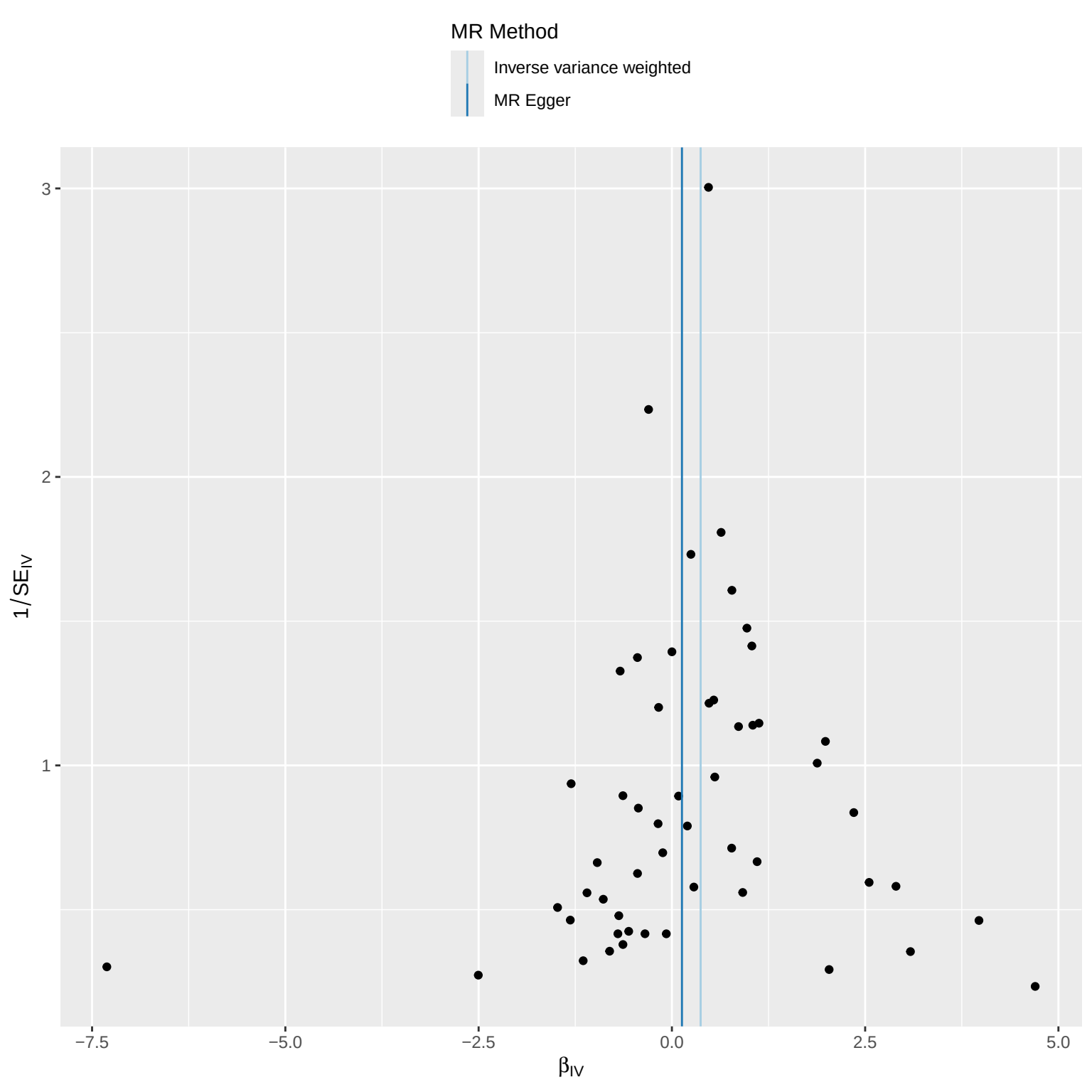

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

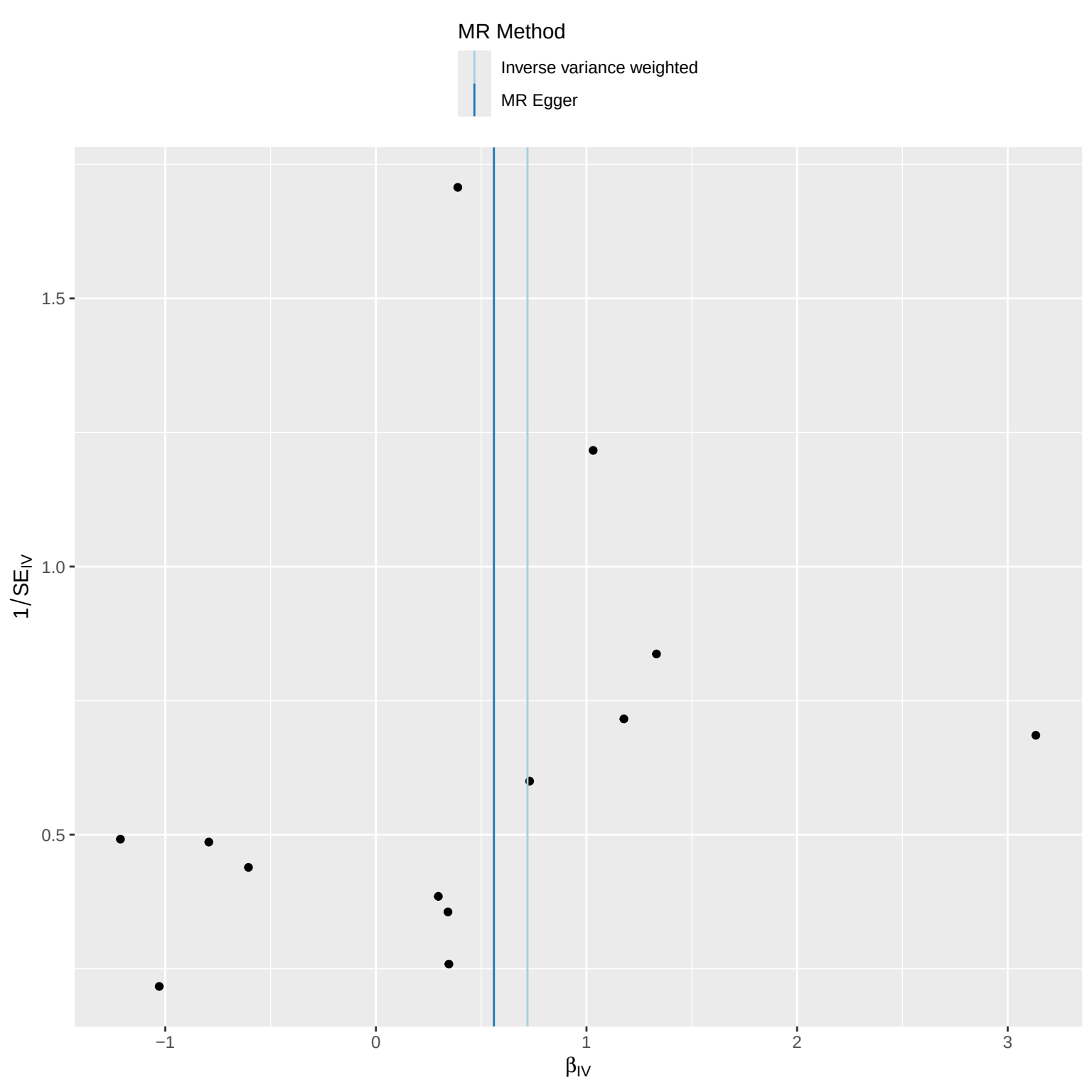

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
0
3
6
β_IV

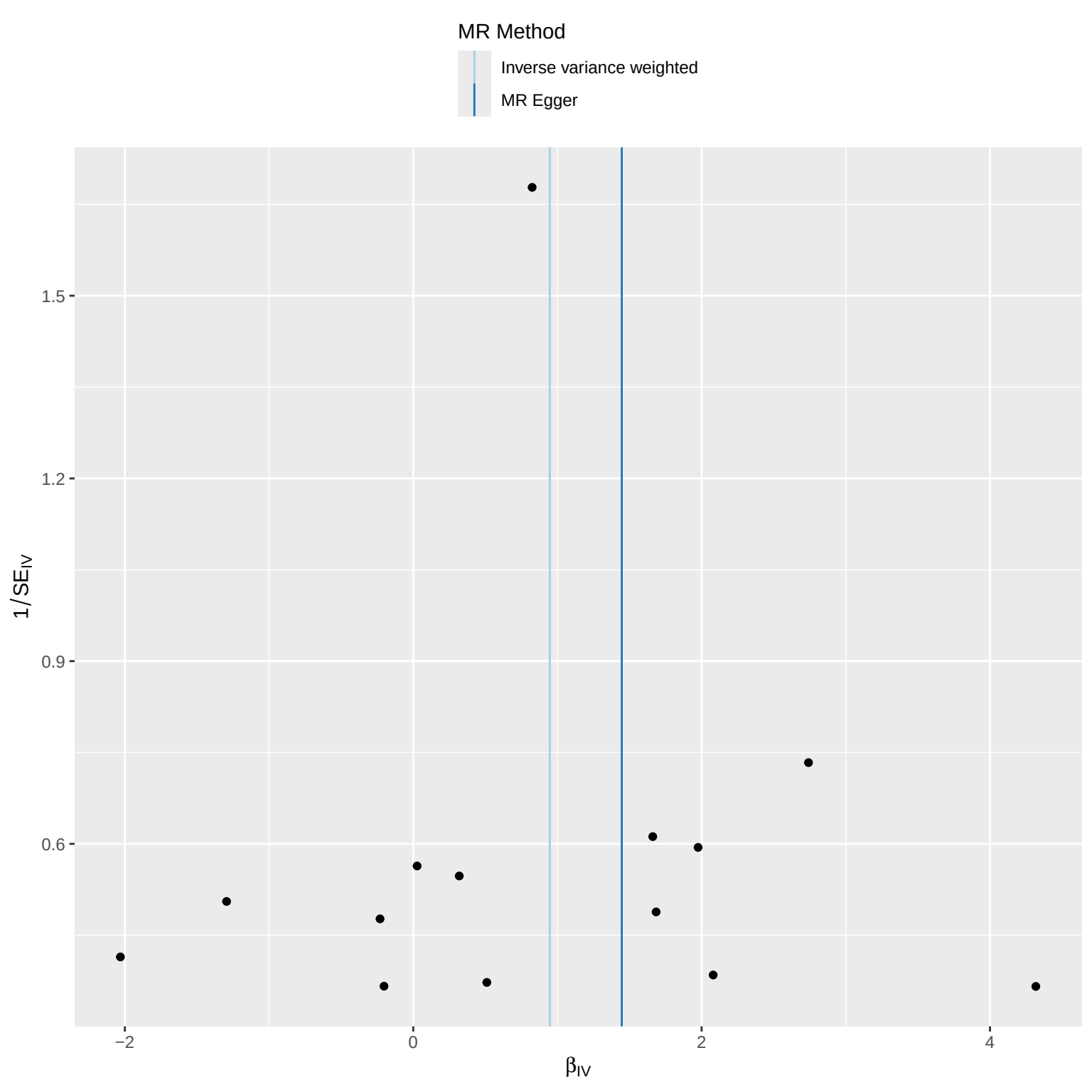

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−6
−4
−2
0
β_IV

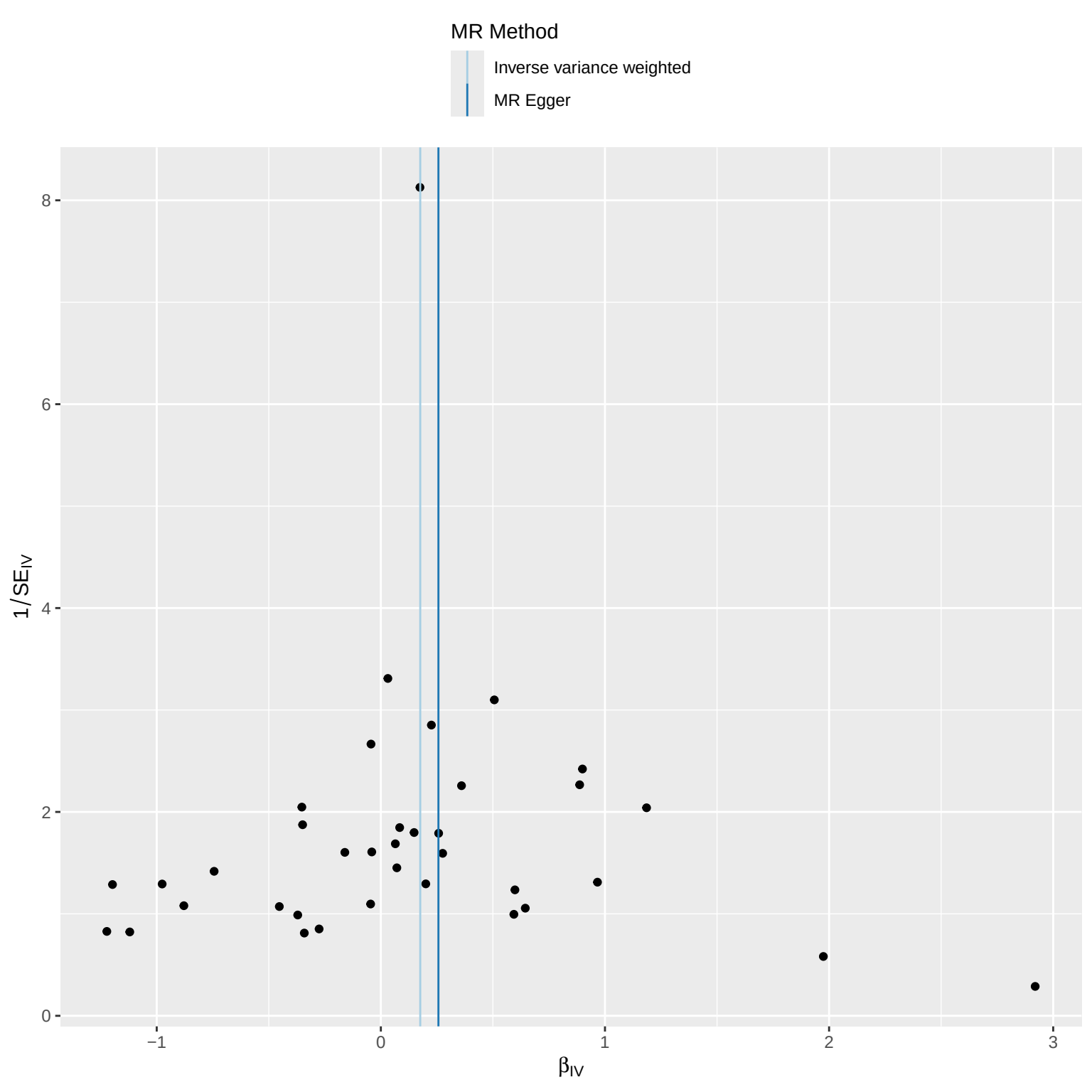

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

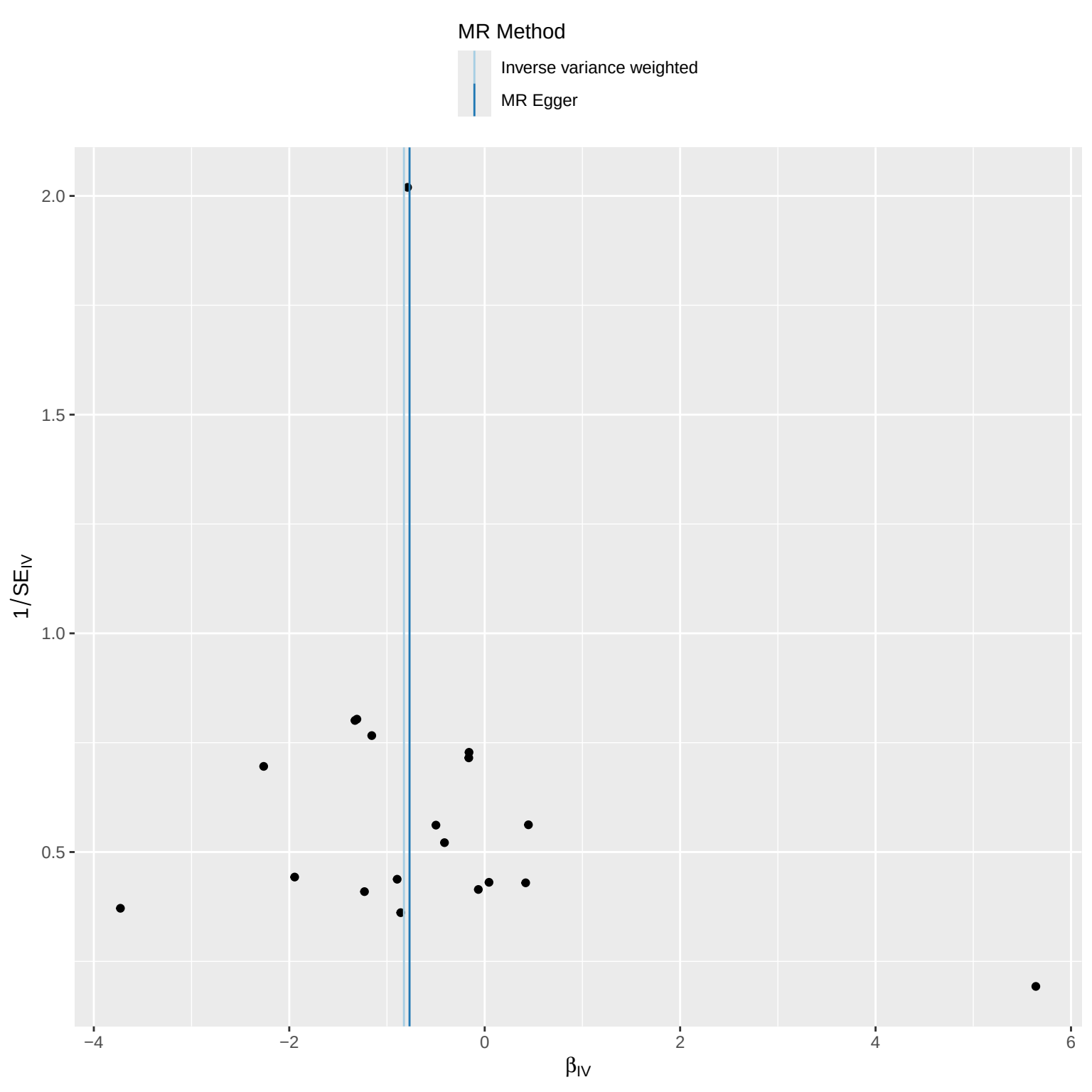

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

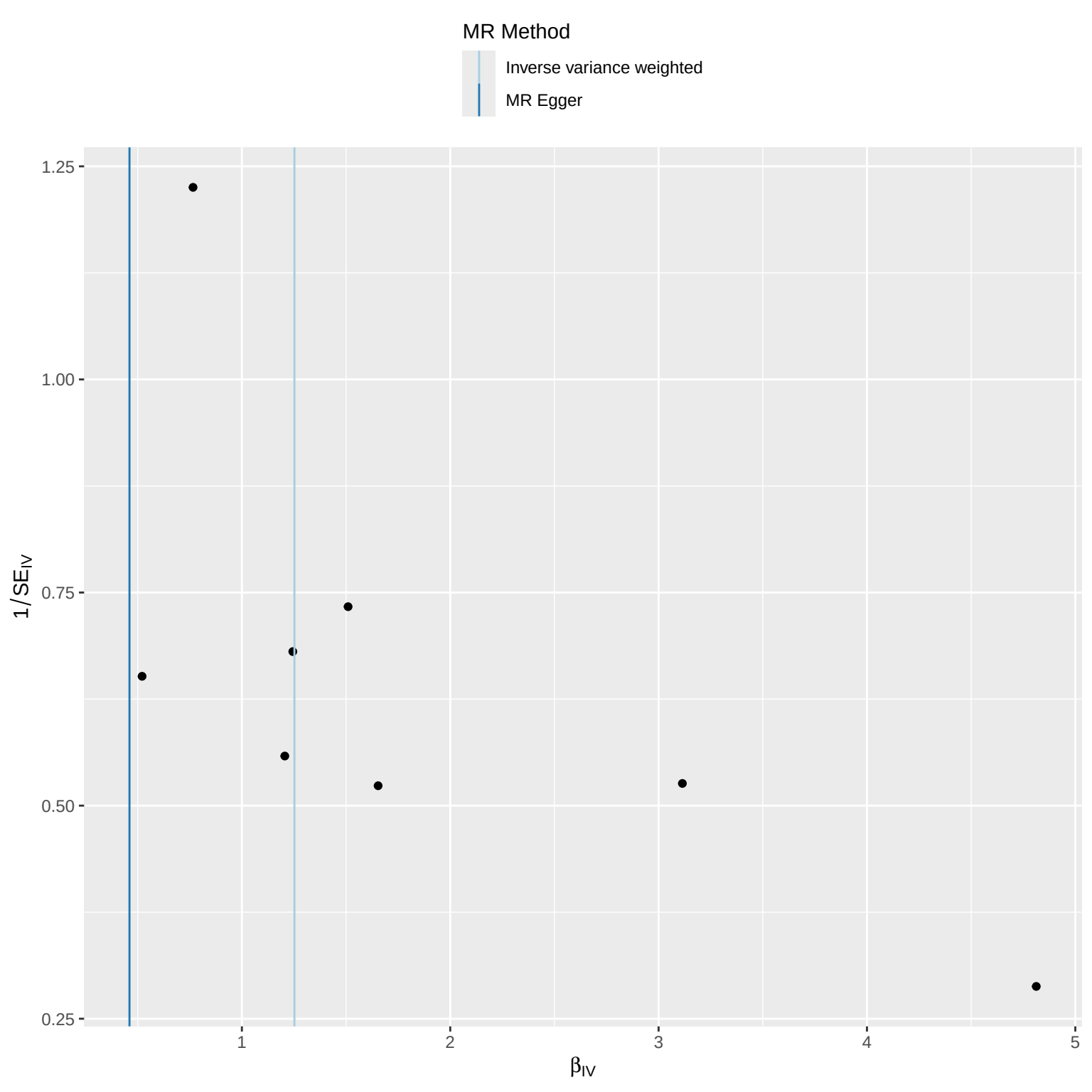

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
5.0
β_IV

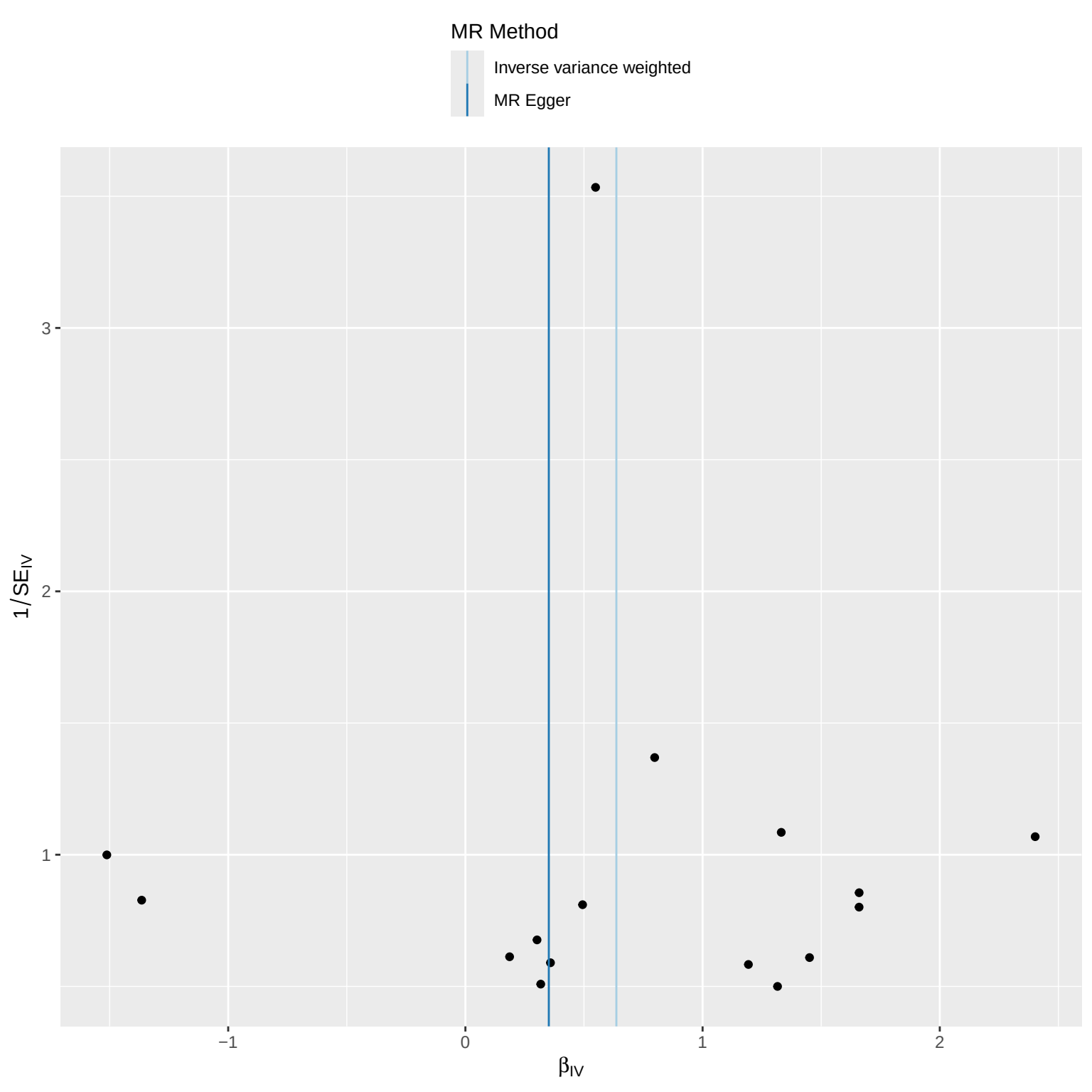

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

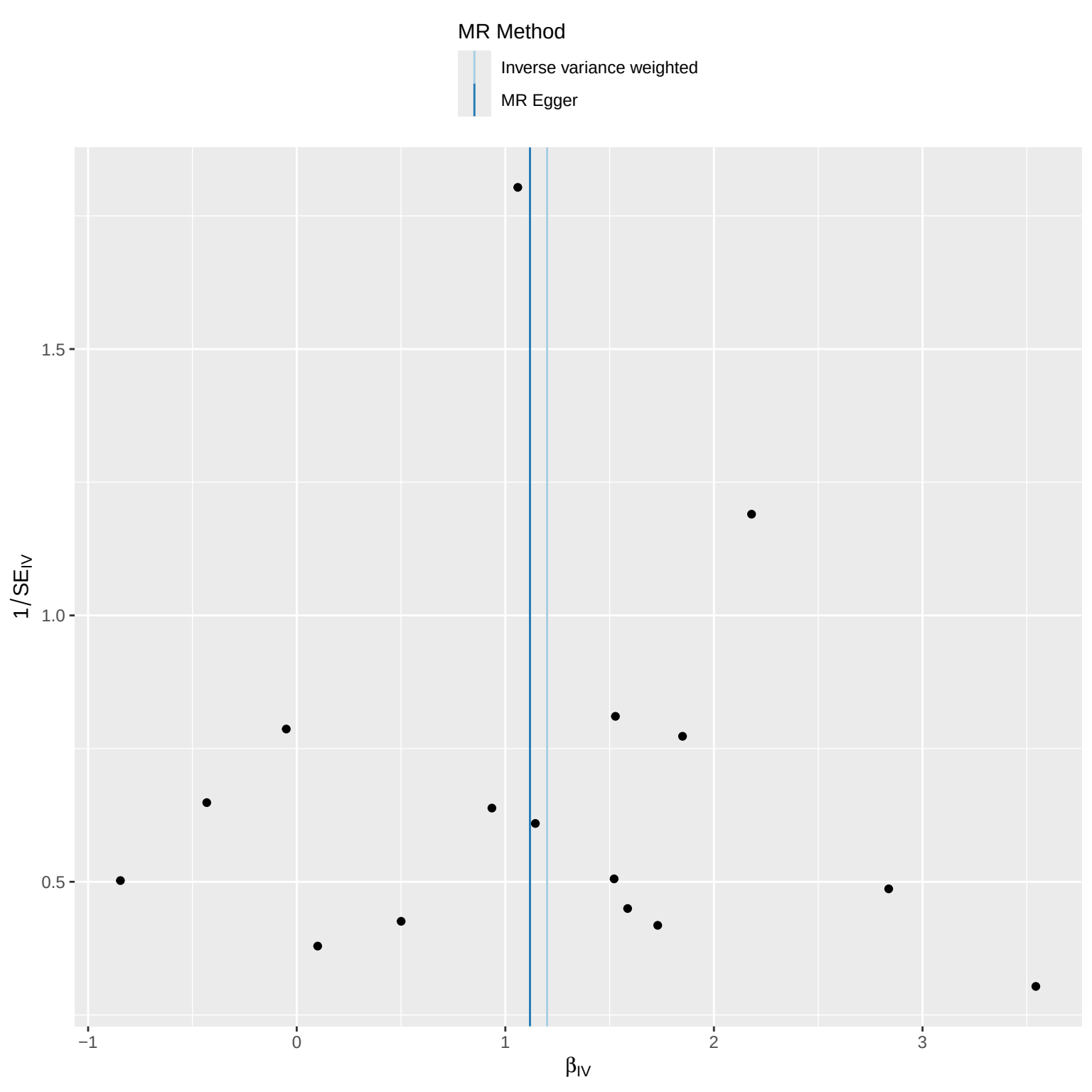

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
0
2
4
β_IV

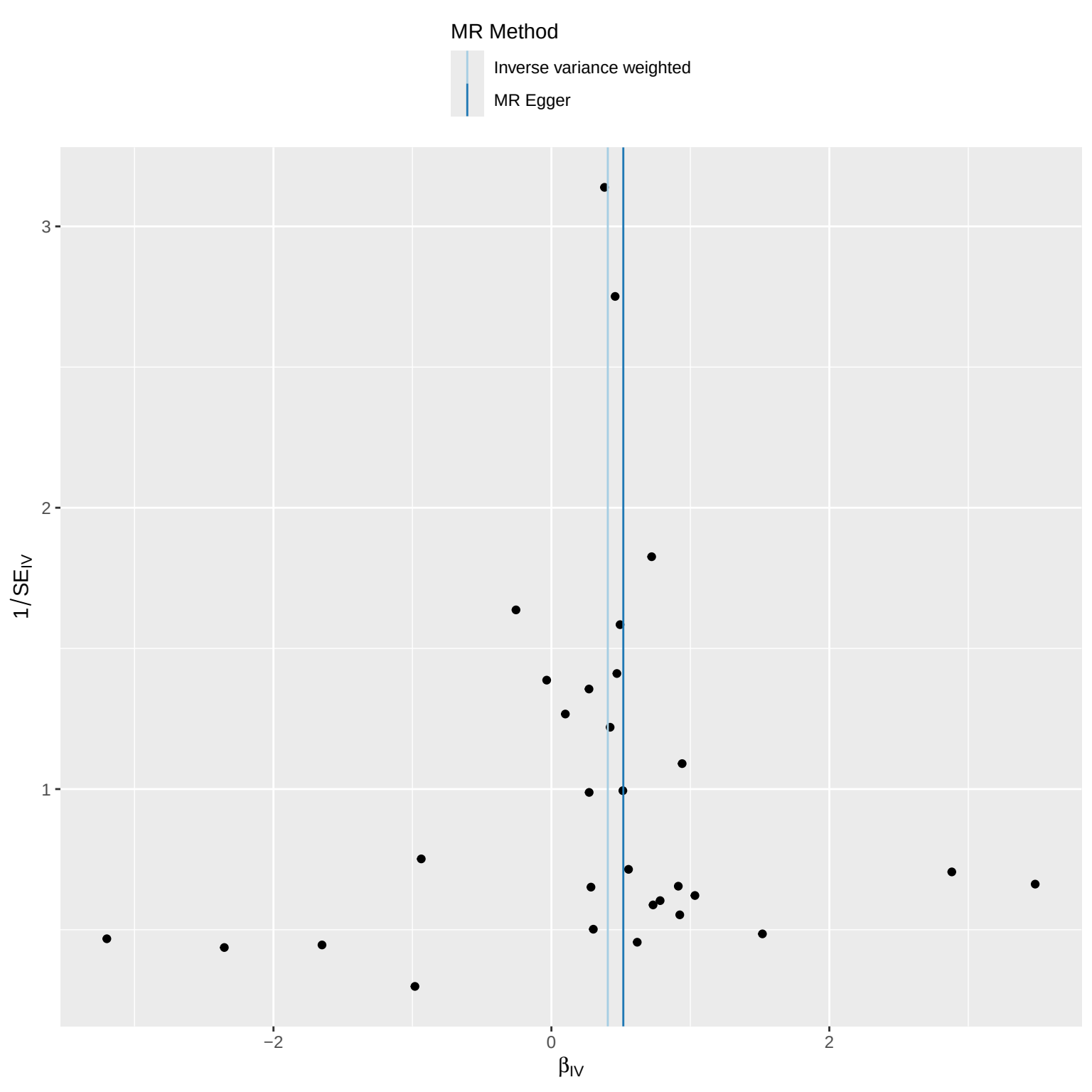

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−1
0
1
2
3
β_IV

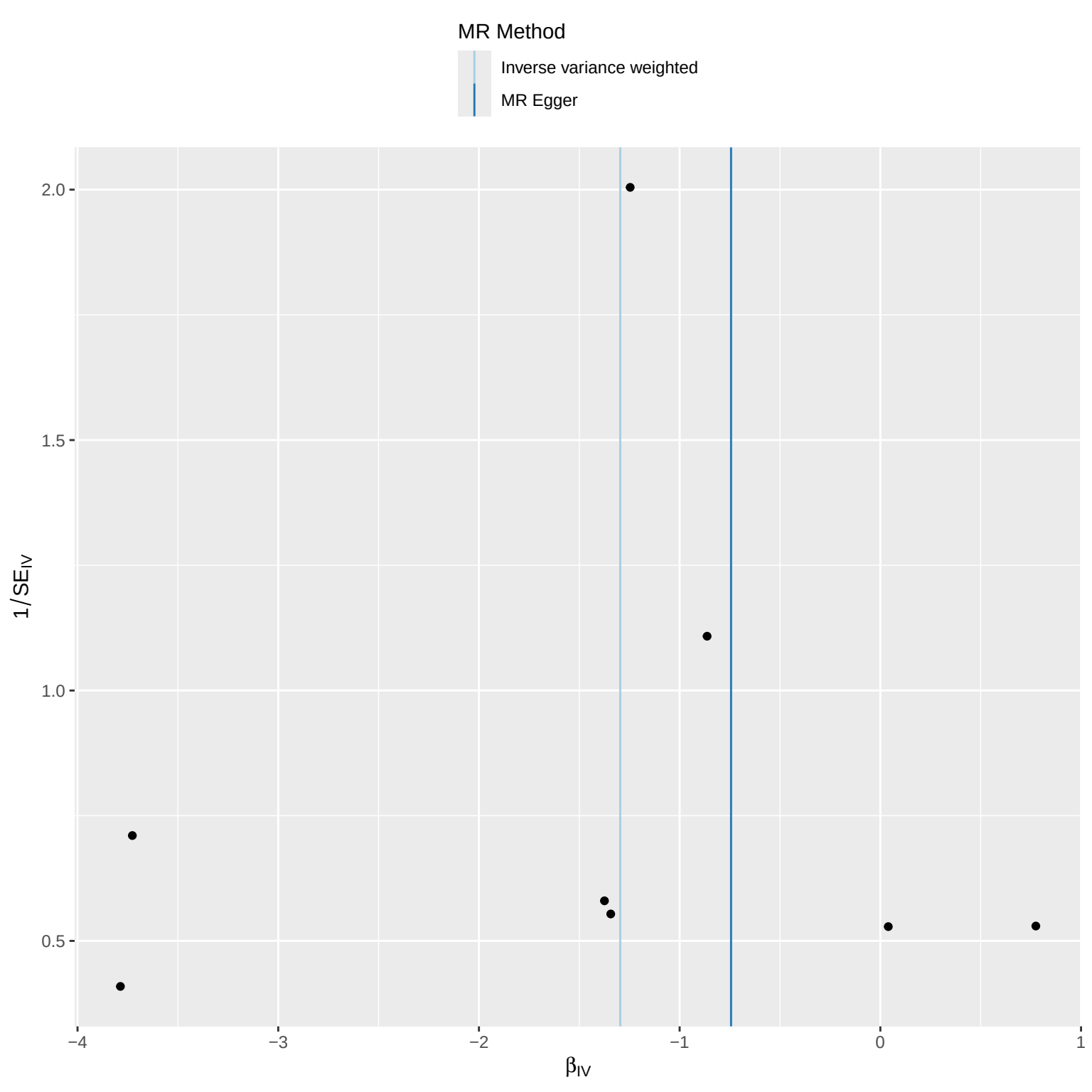

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
6
β_IV

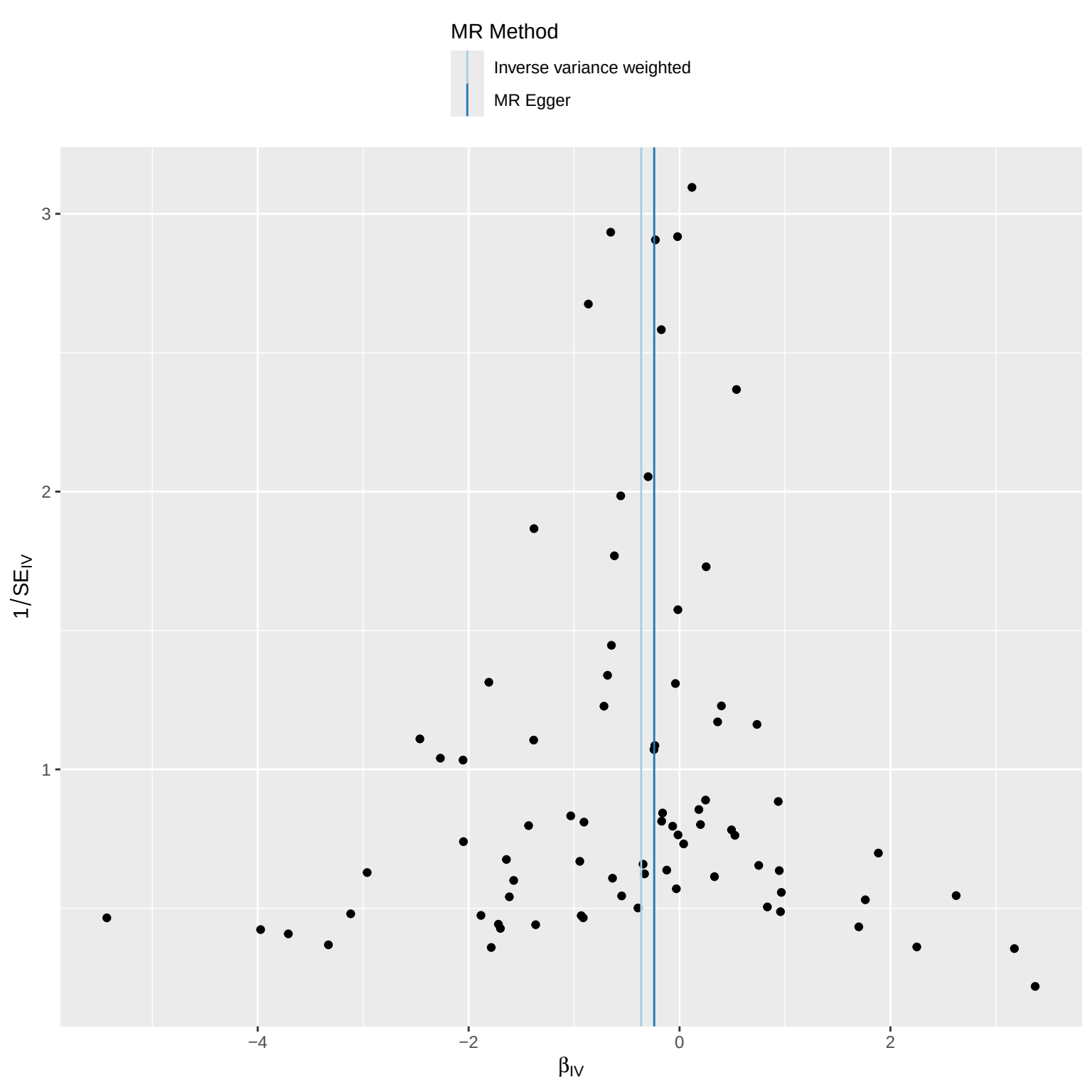

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
1
2
3
4
5
β_IV

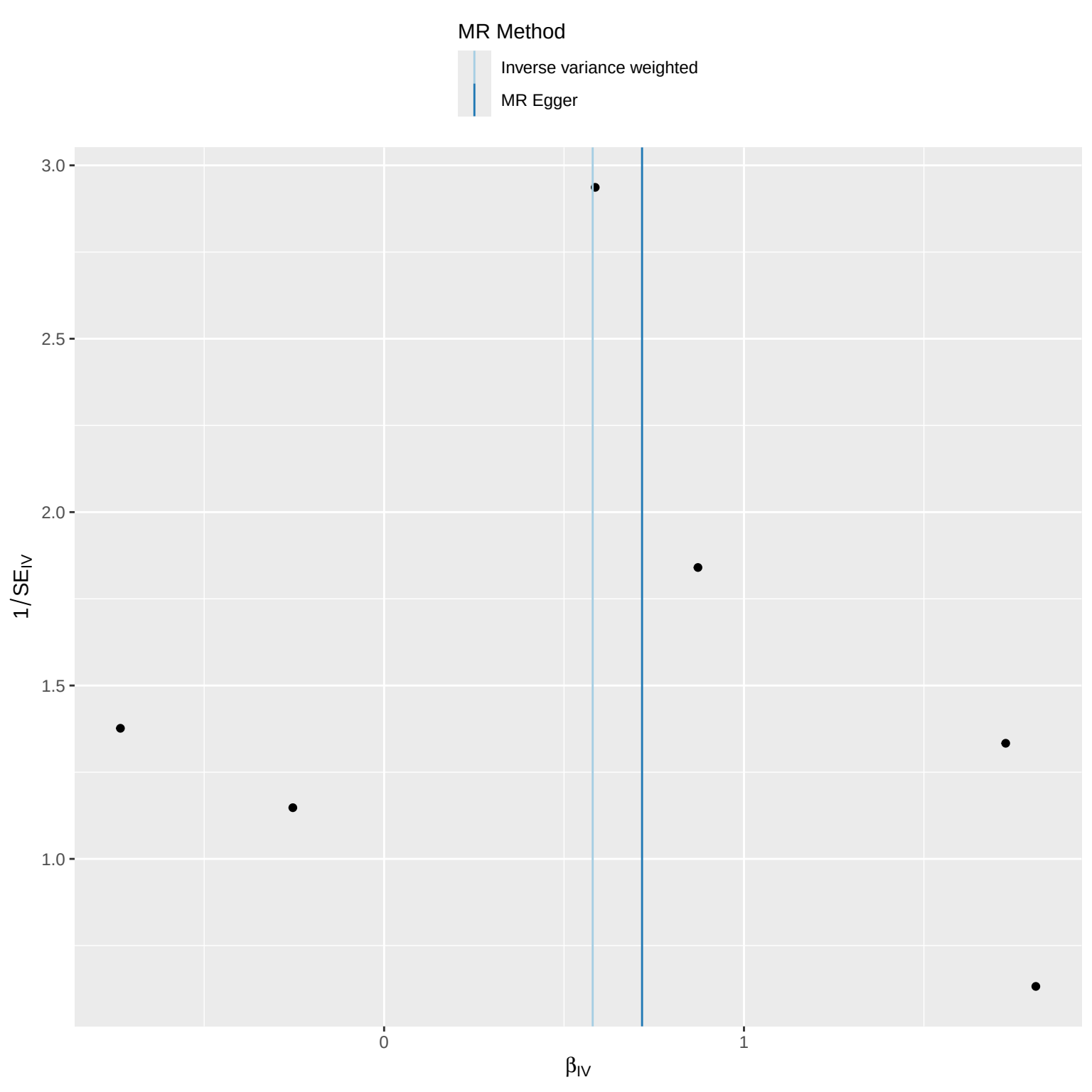

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

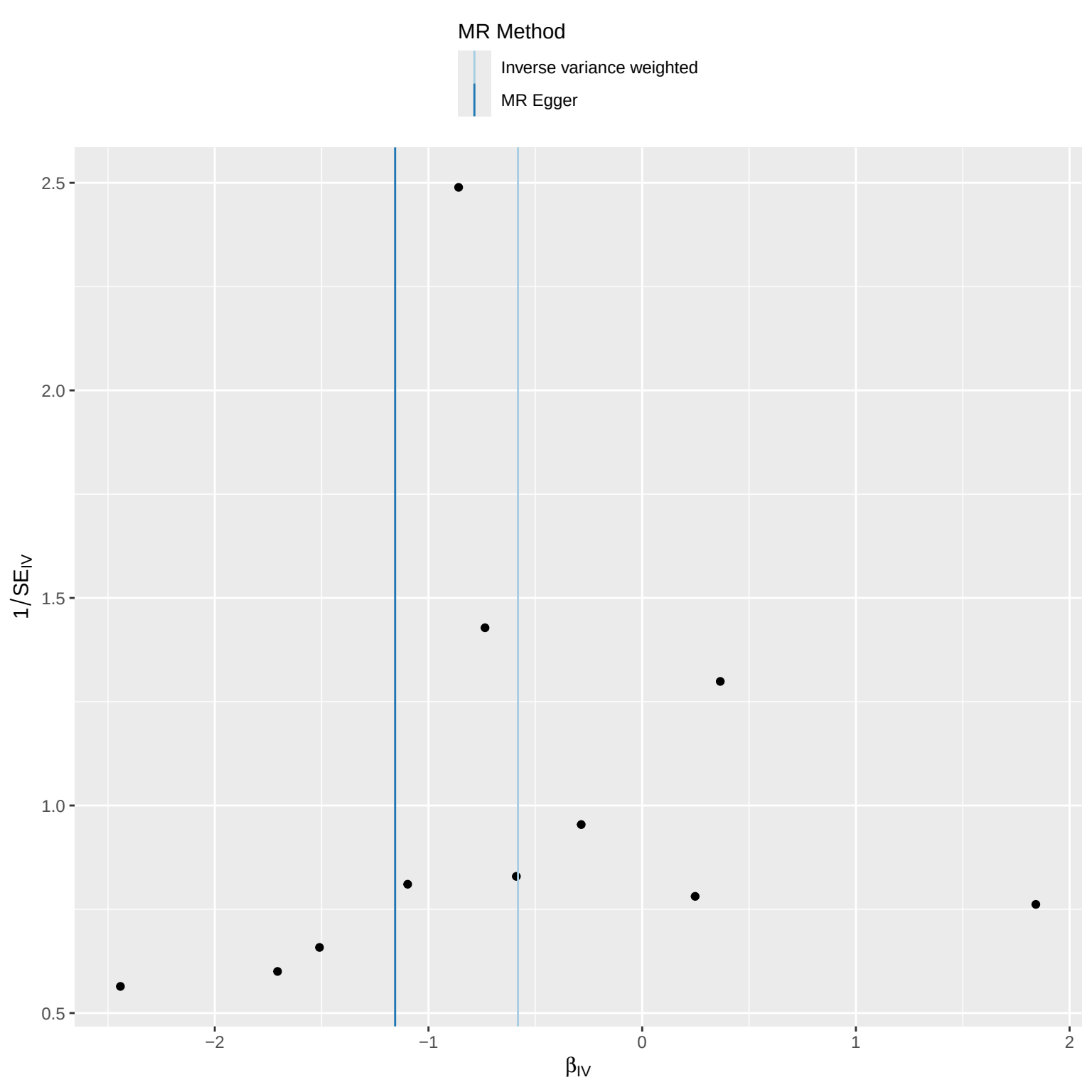

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

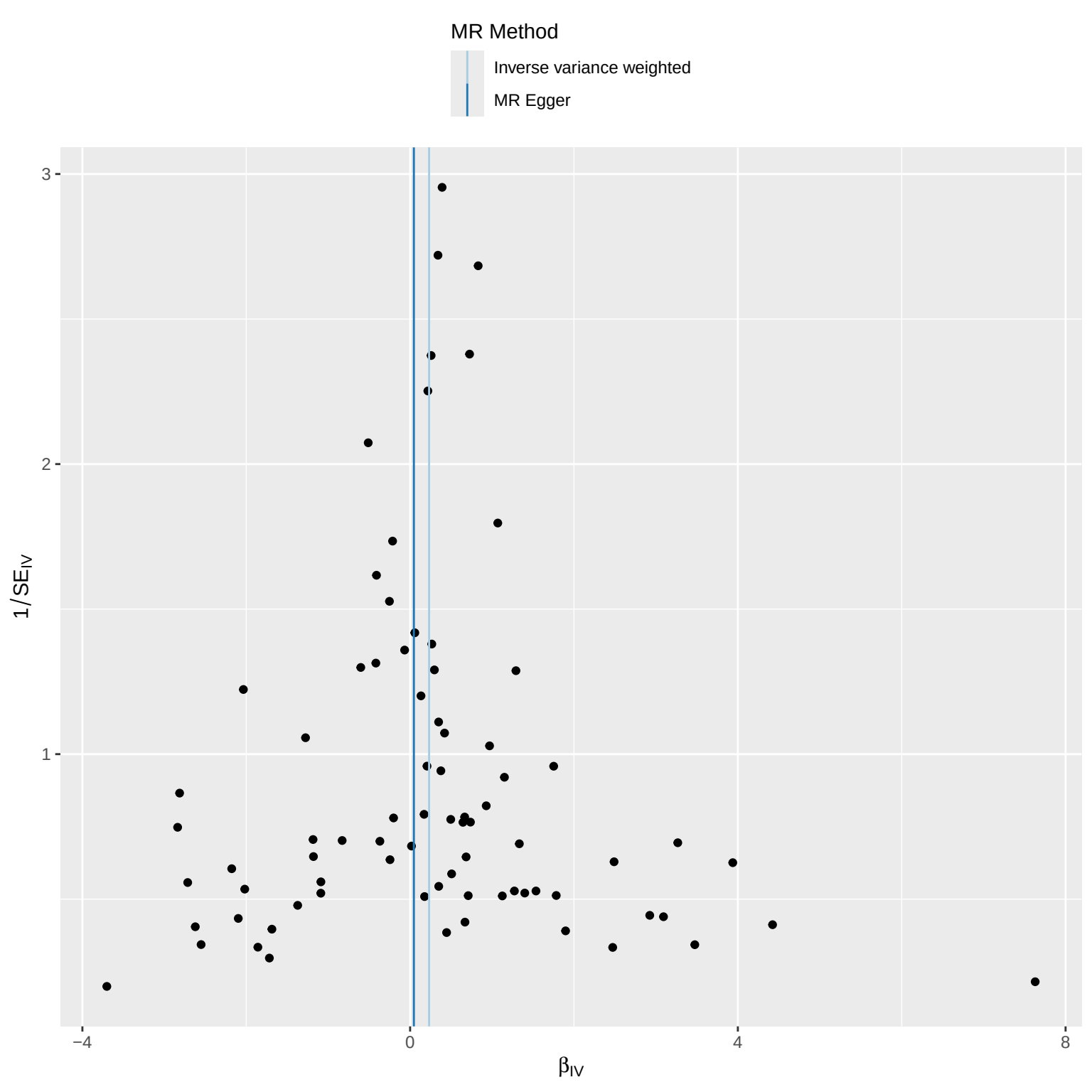

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

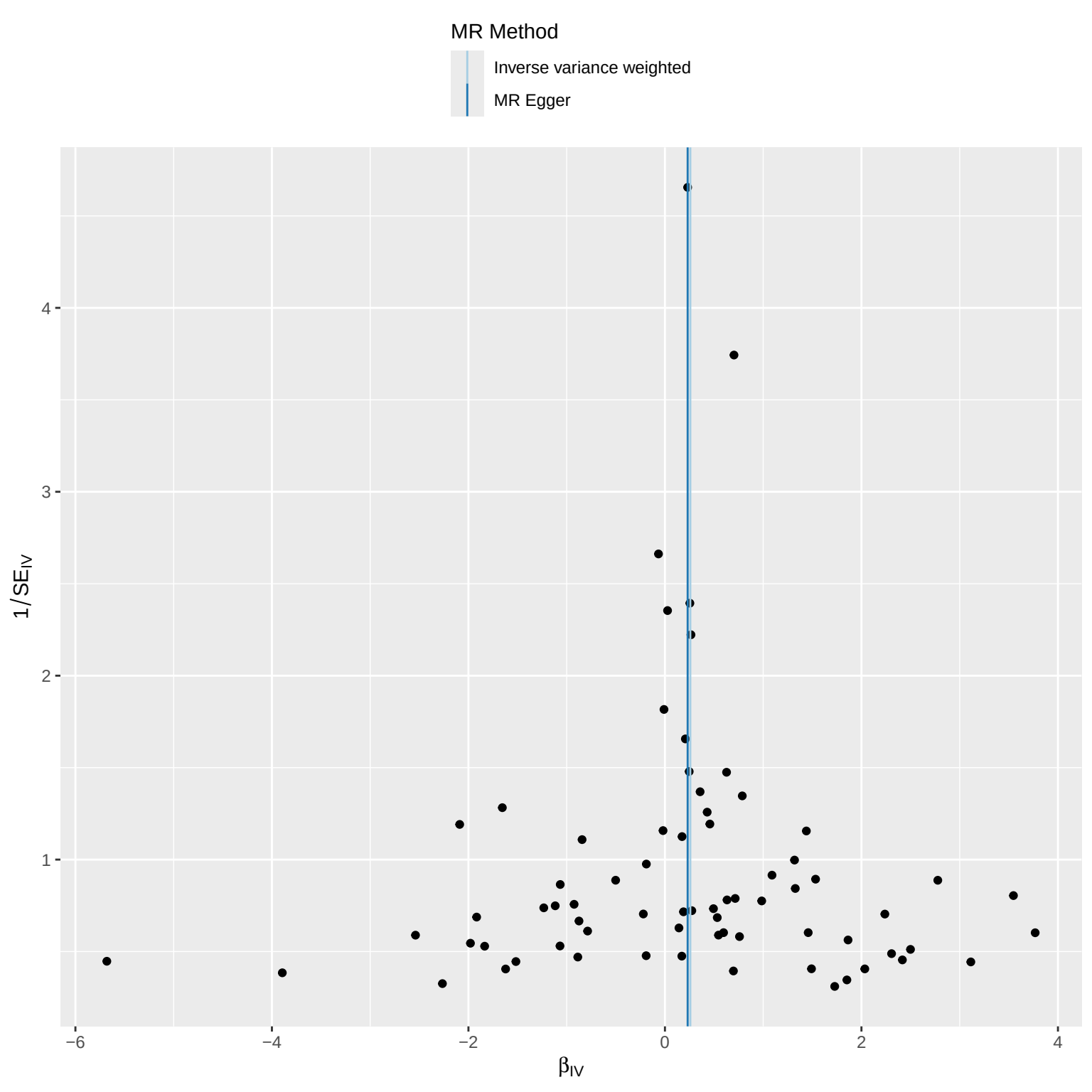

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

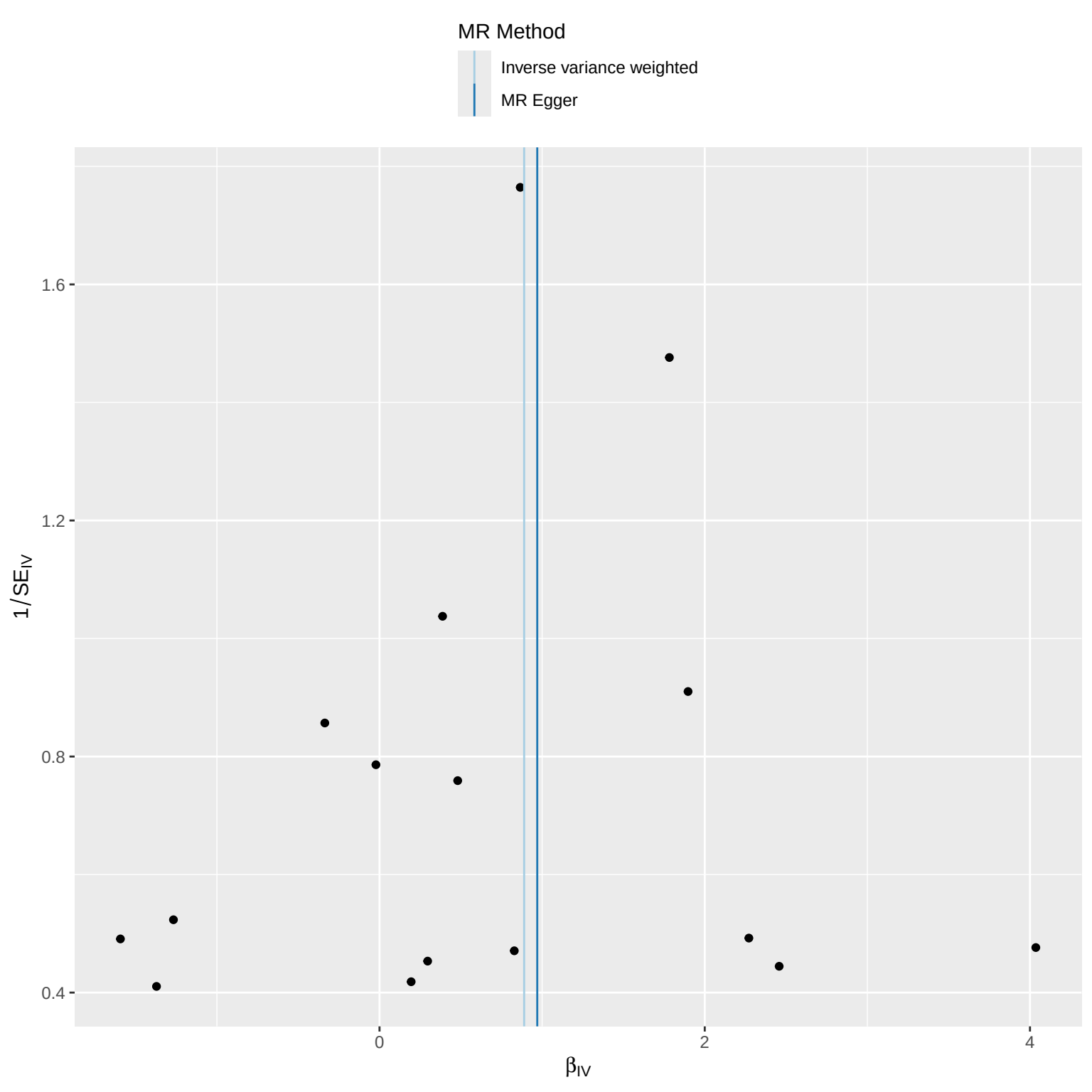

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

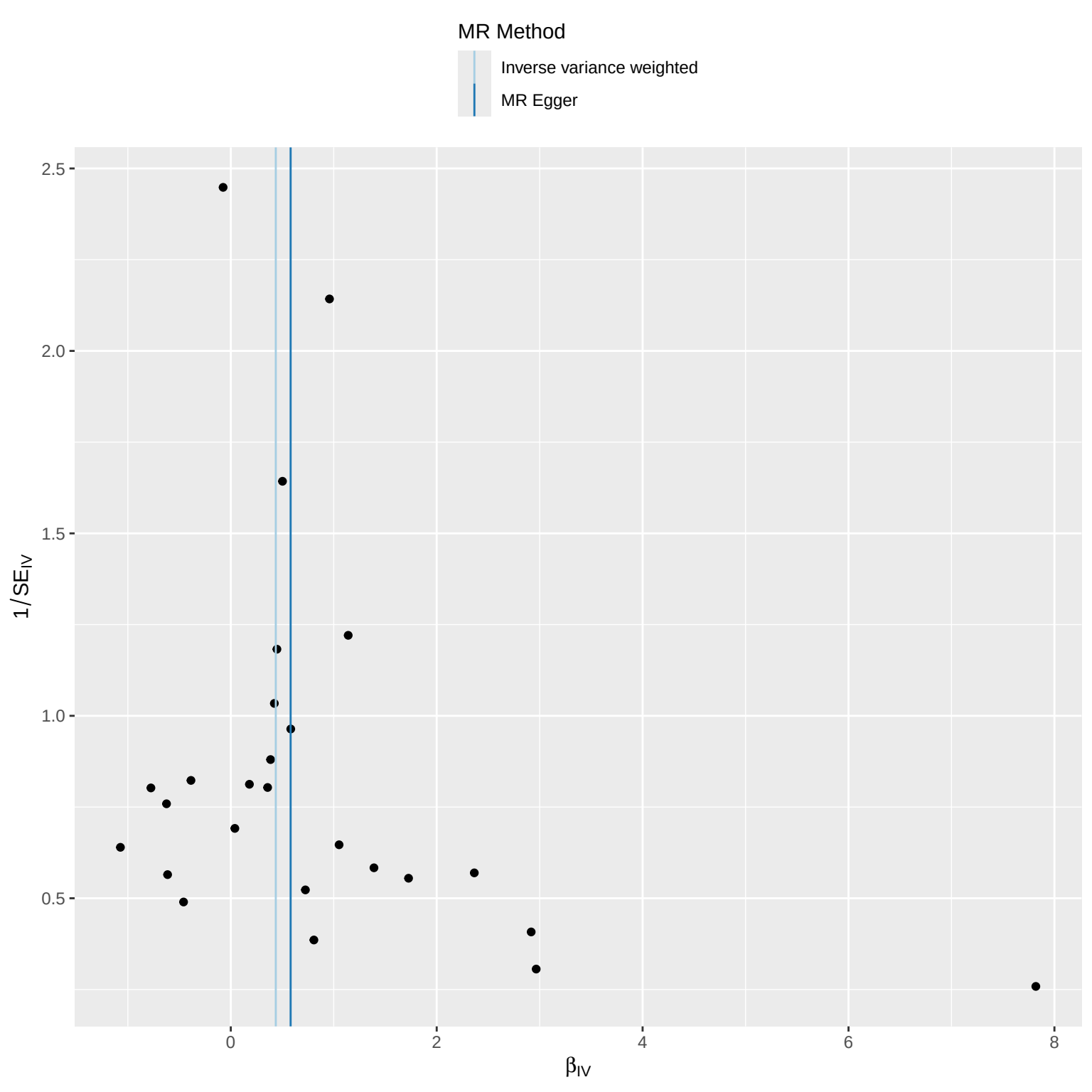

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
β_IV

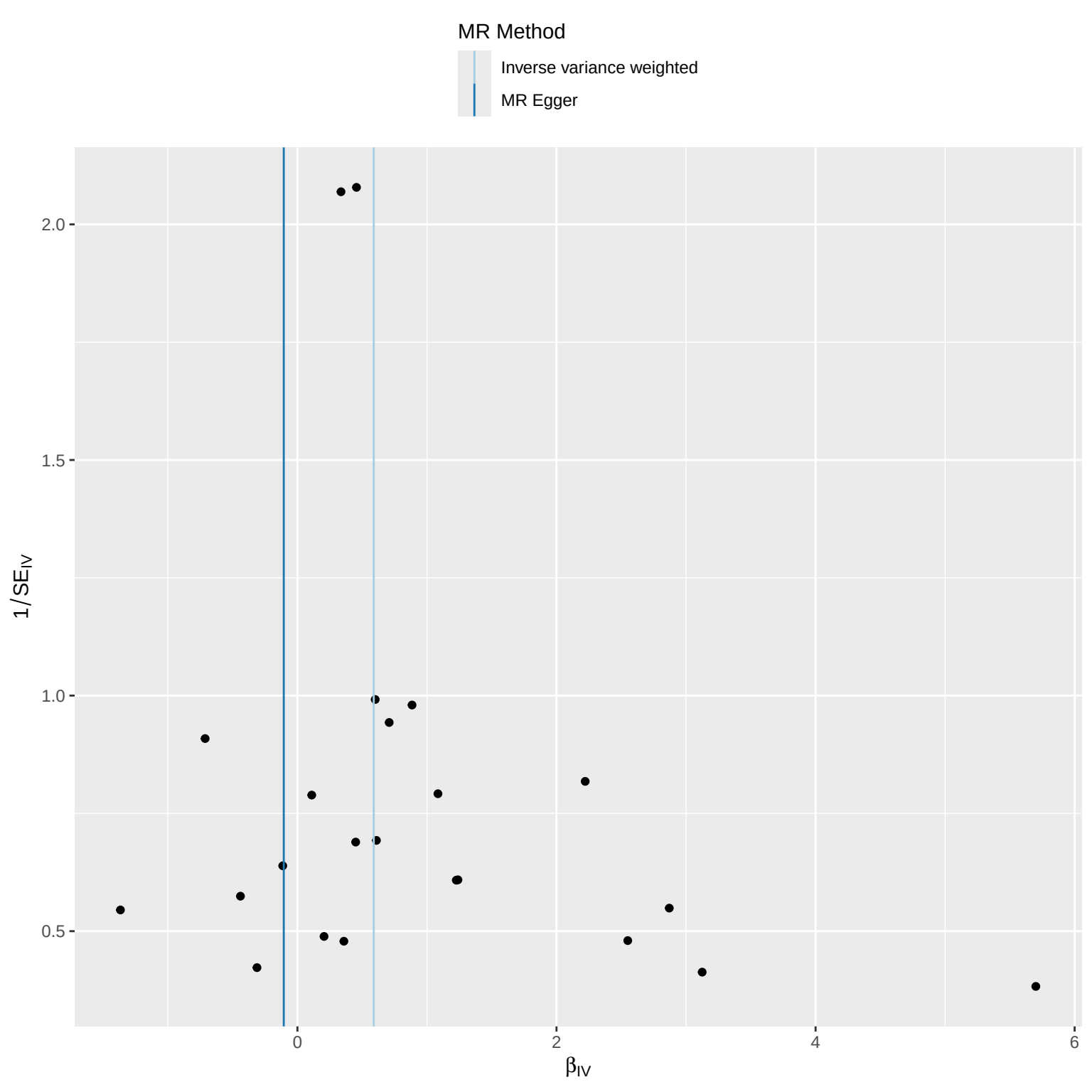

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

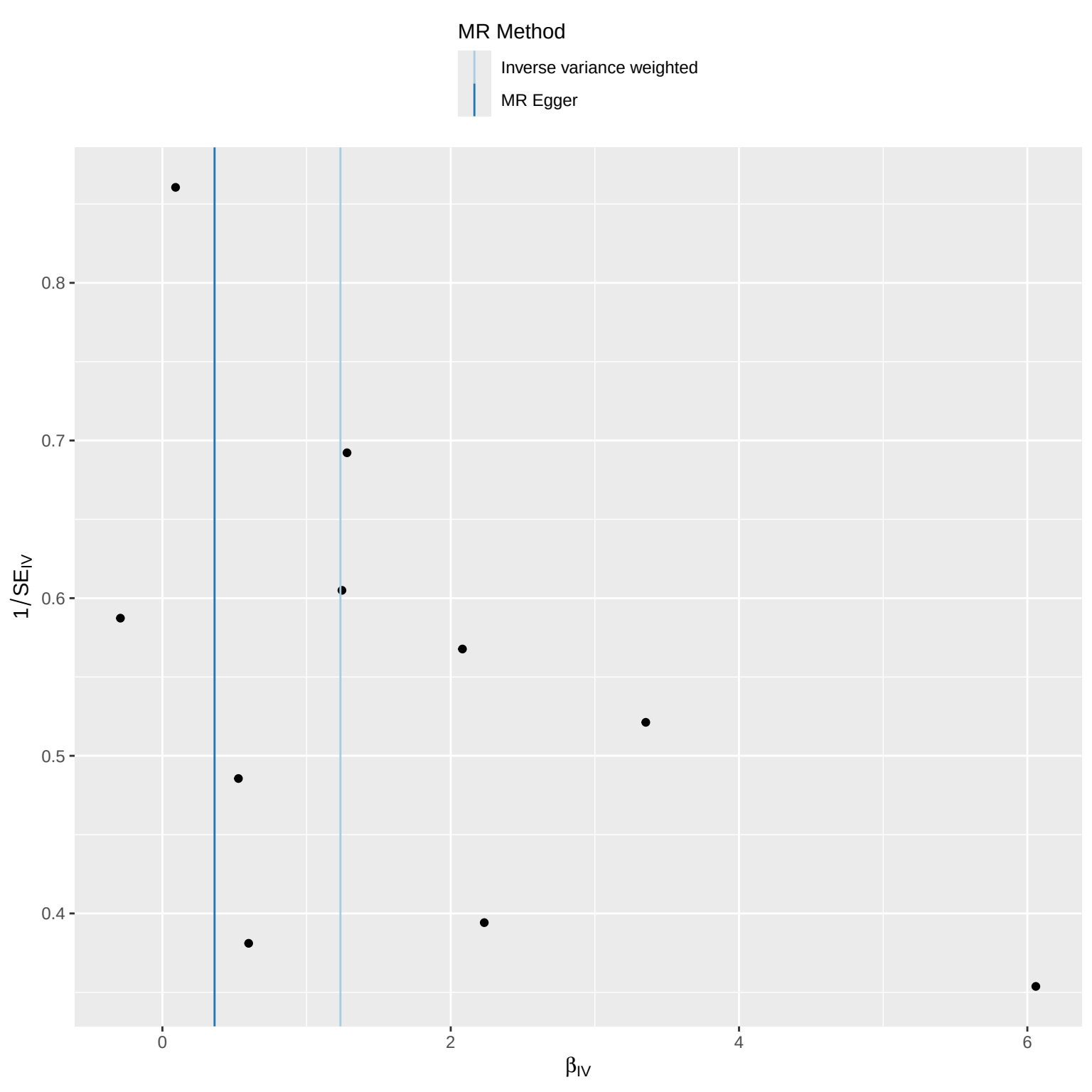

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
0
4
8
β_IV

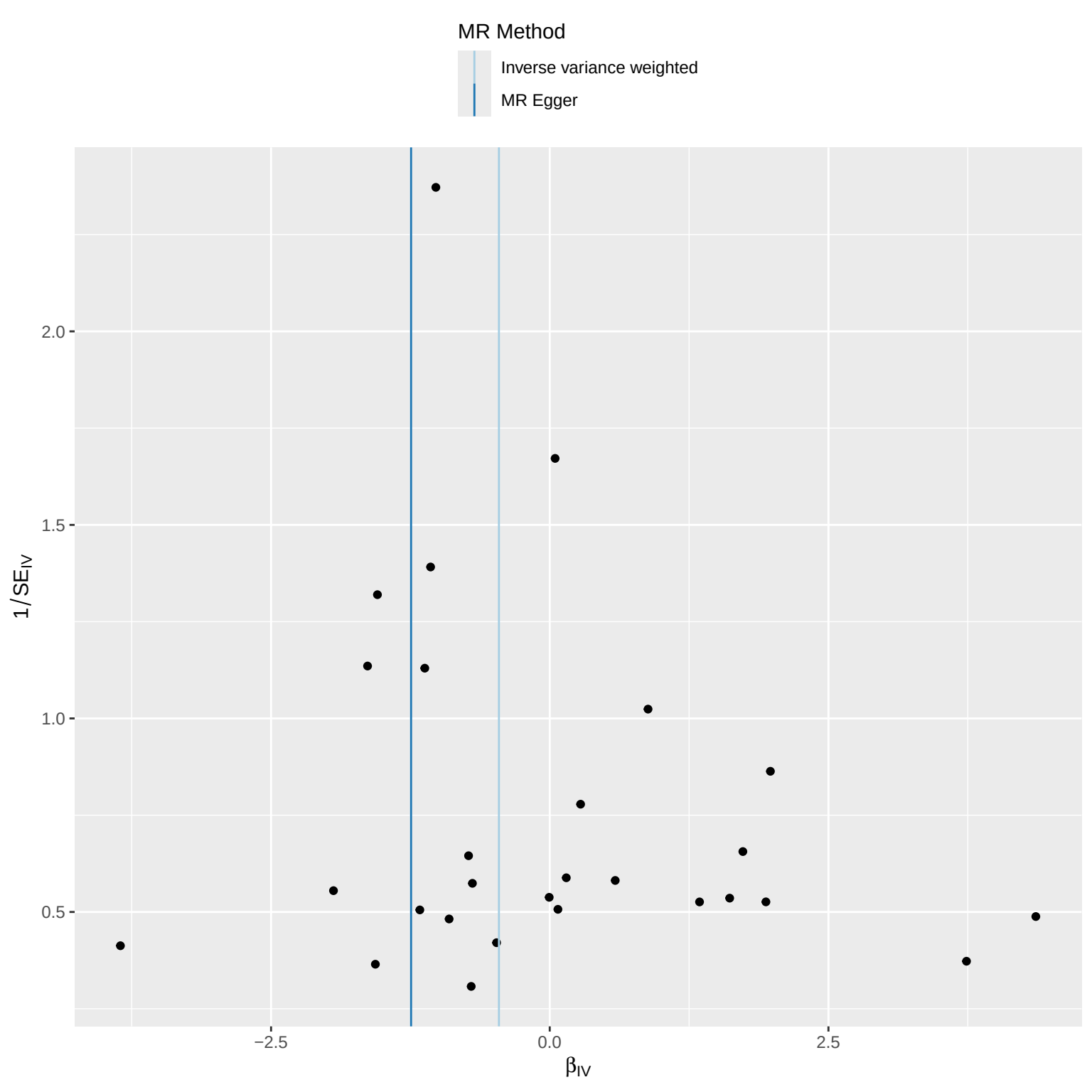

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−6
−4
−2
0
2
4

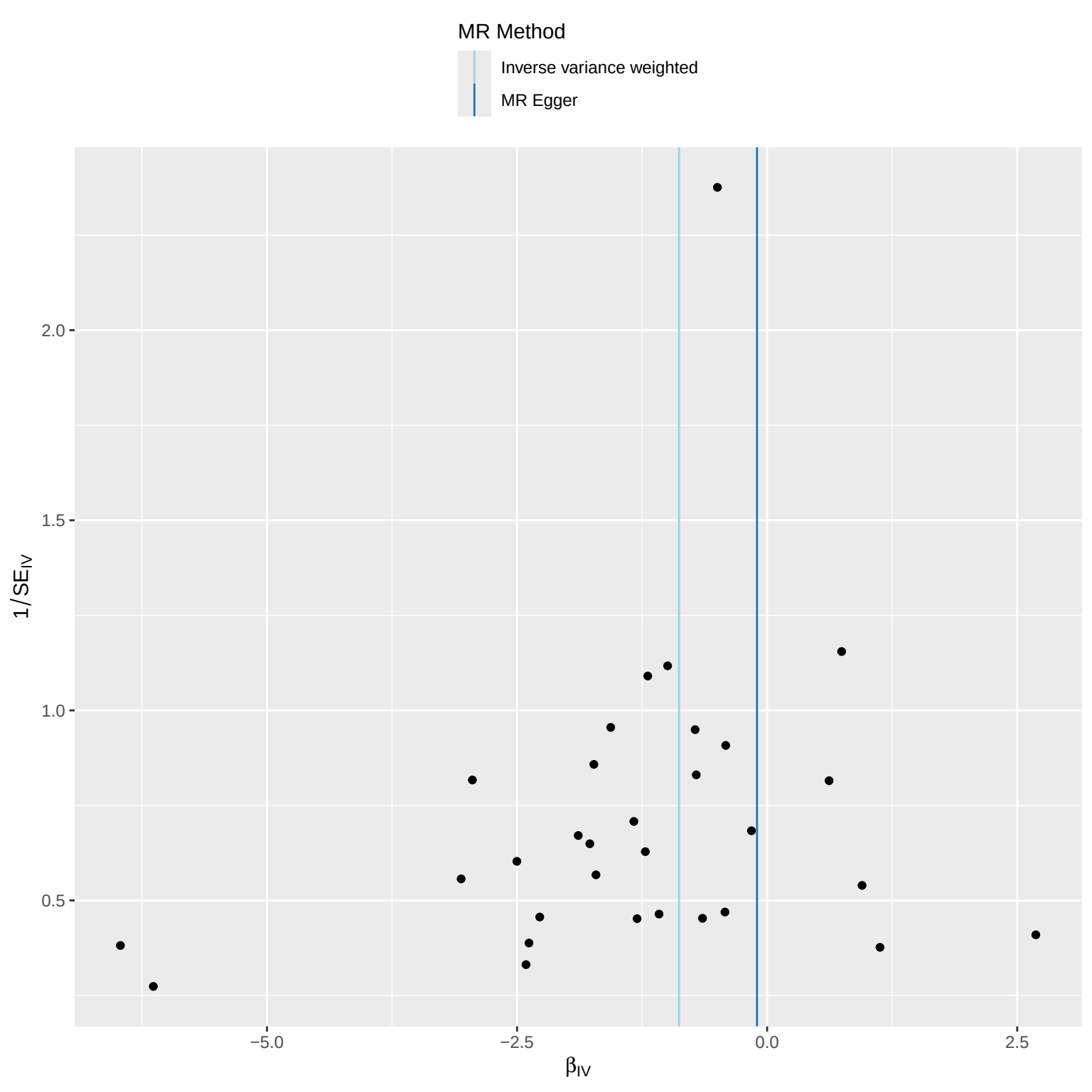

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
2
4
β_IV

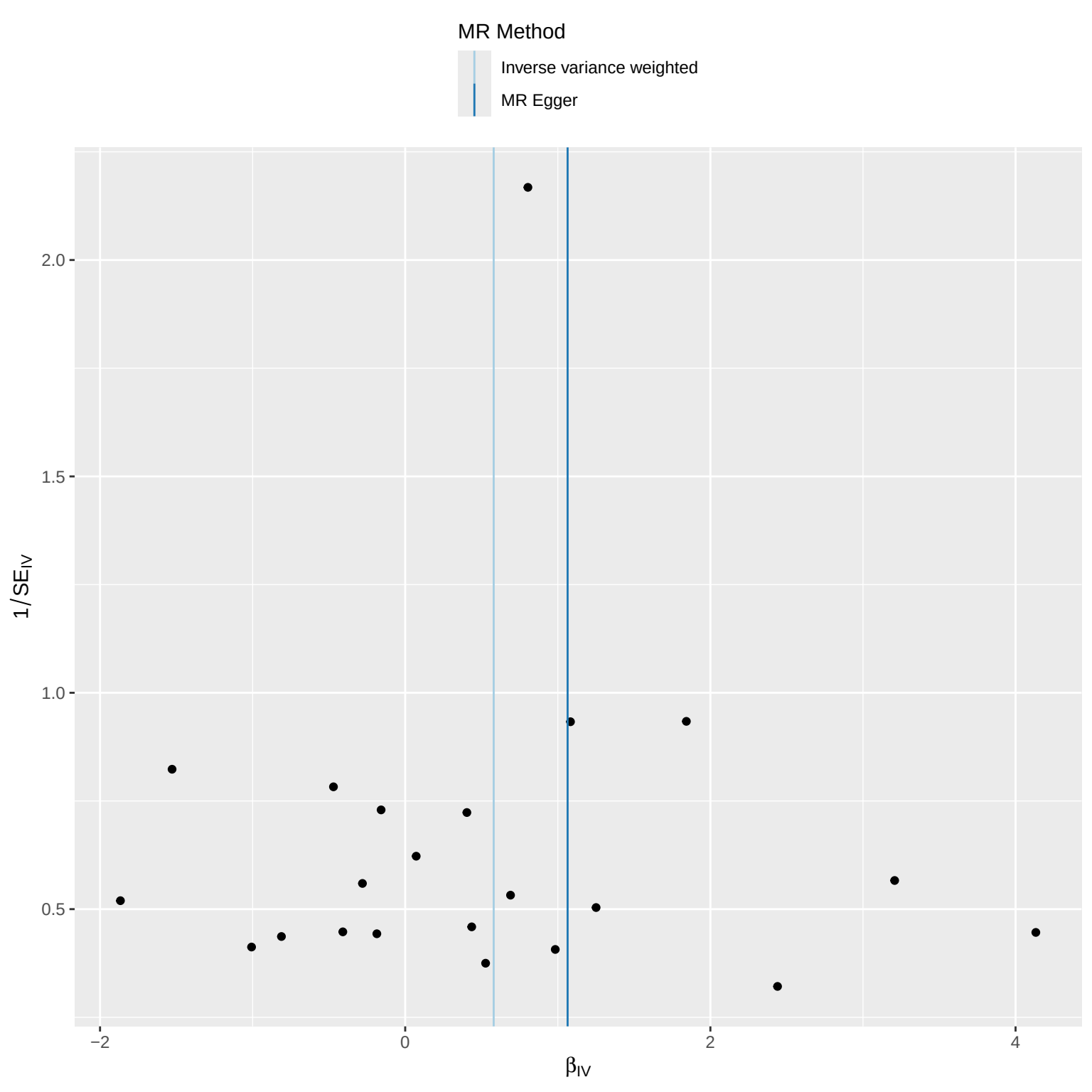

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
6
8
β_IV

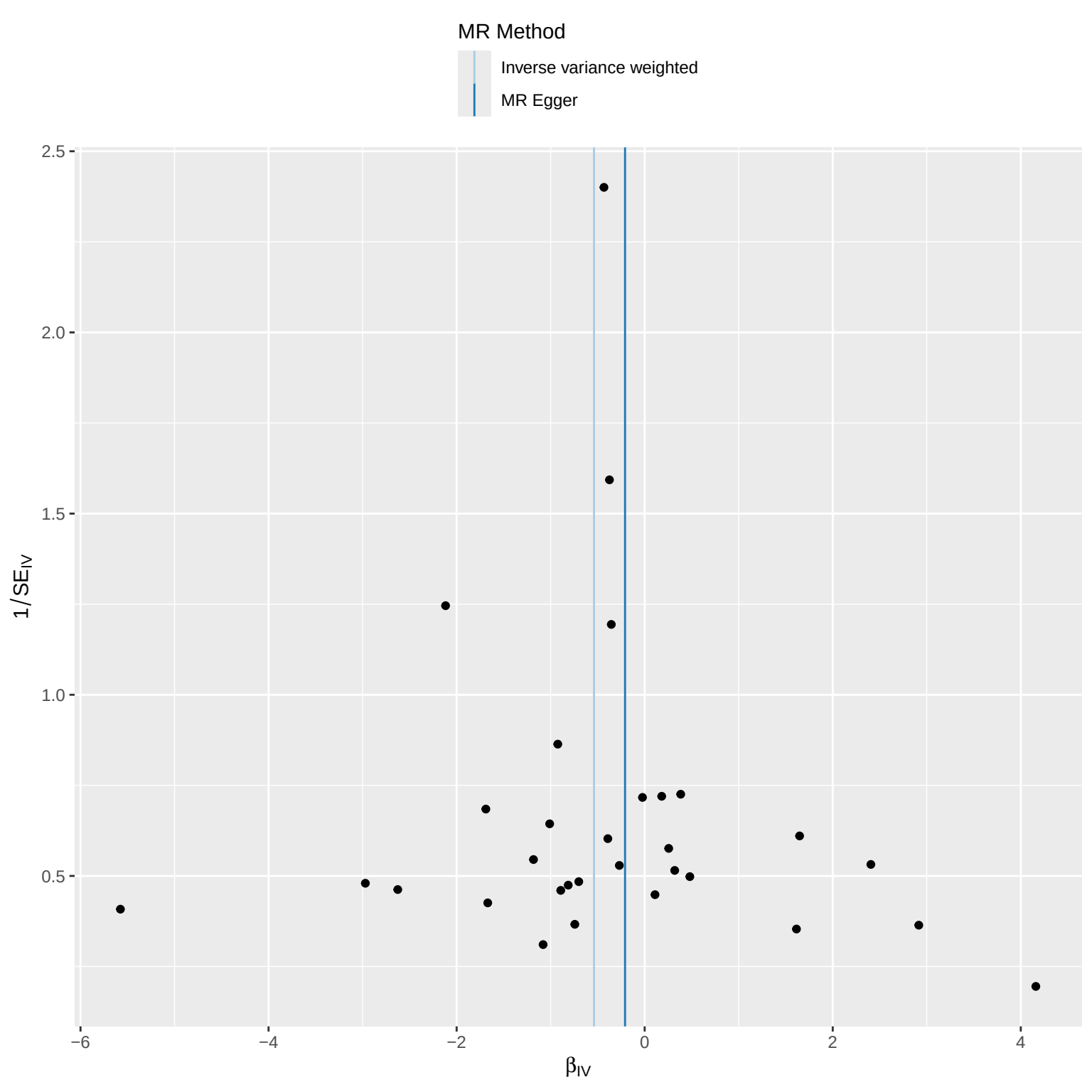

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
6
β_IV

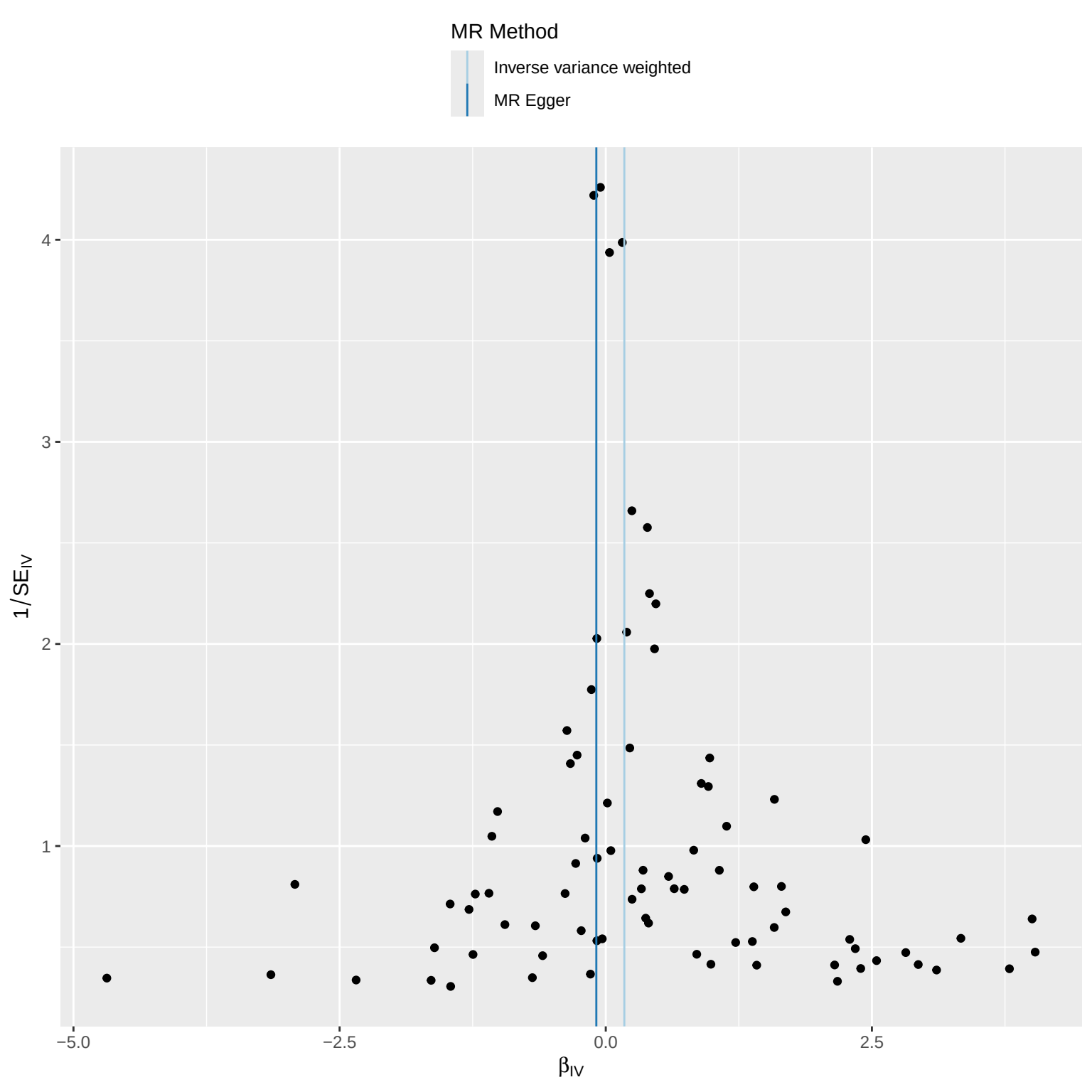

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
0
2
4
6
β_IV

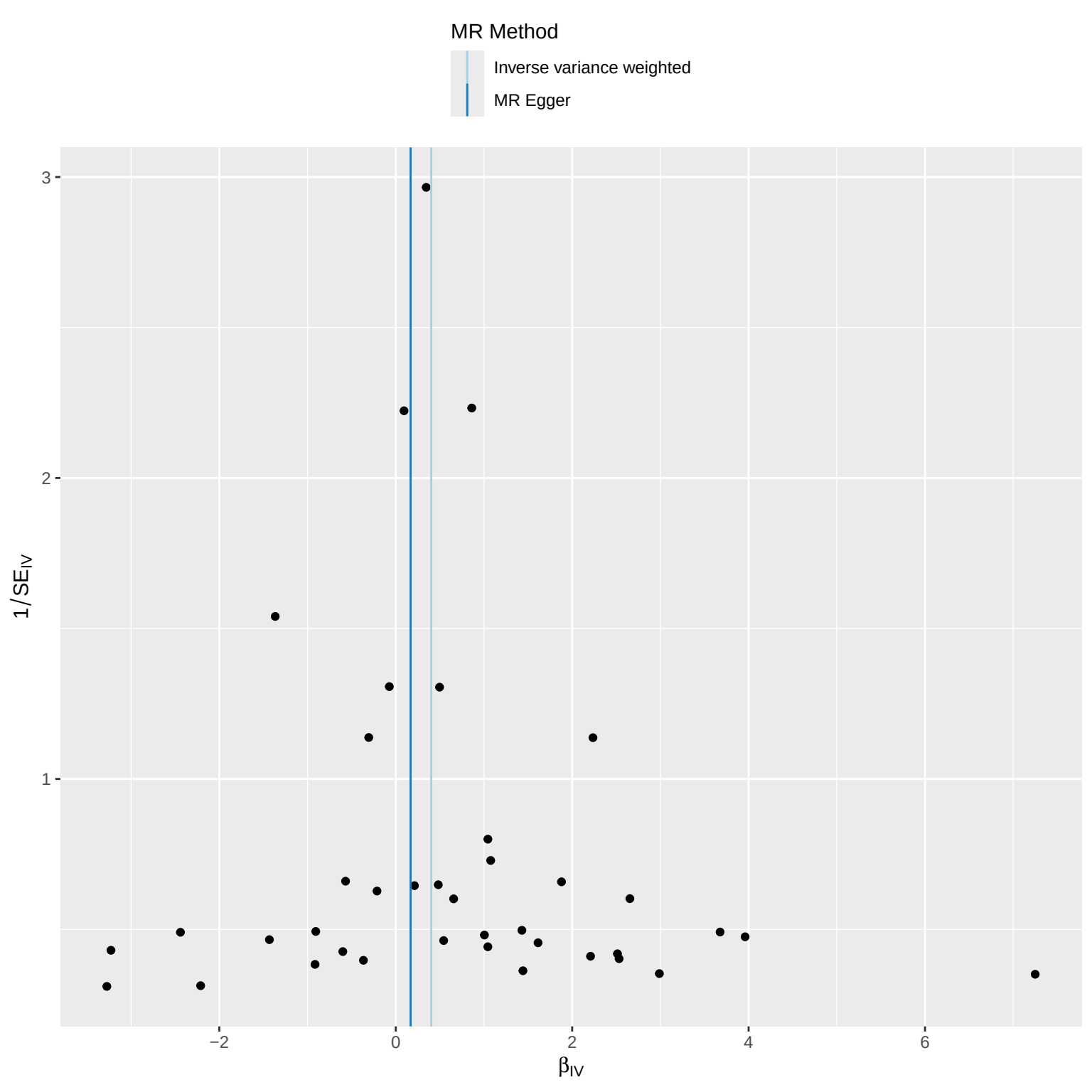

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

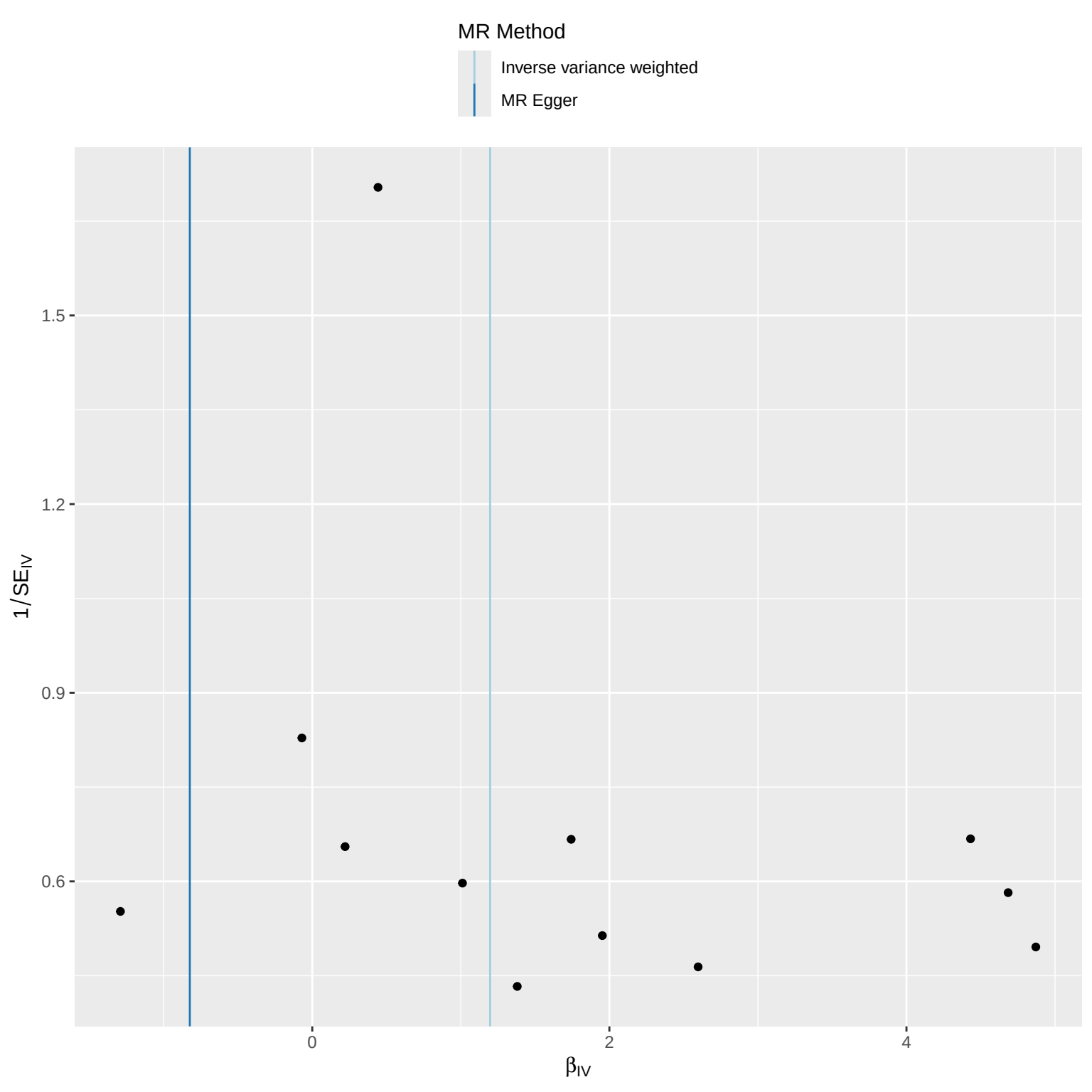

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

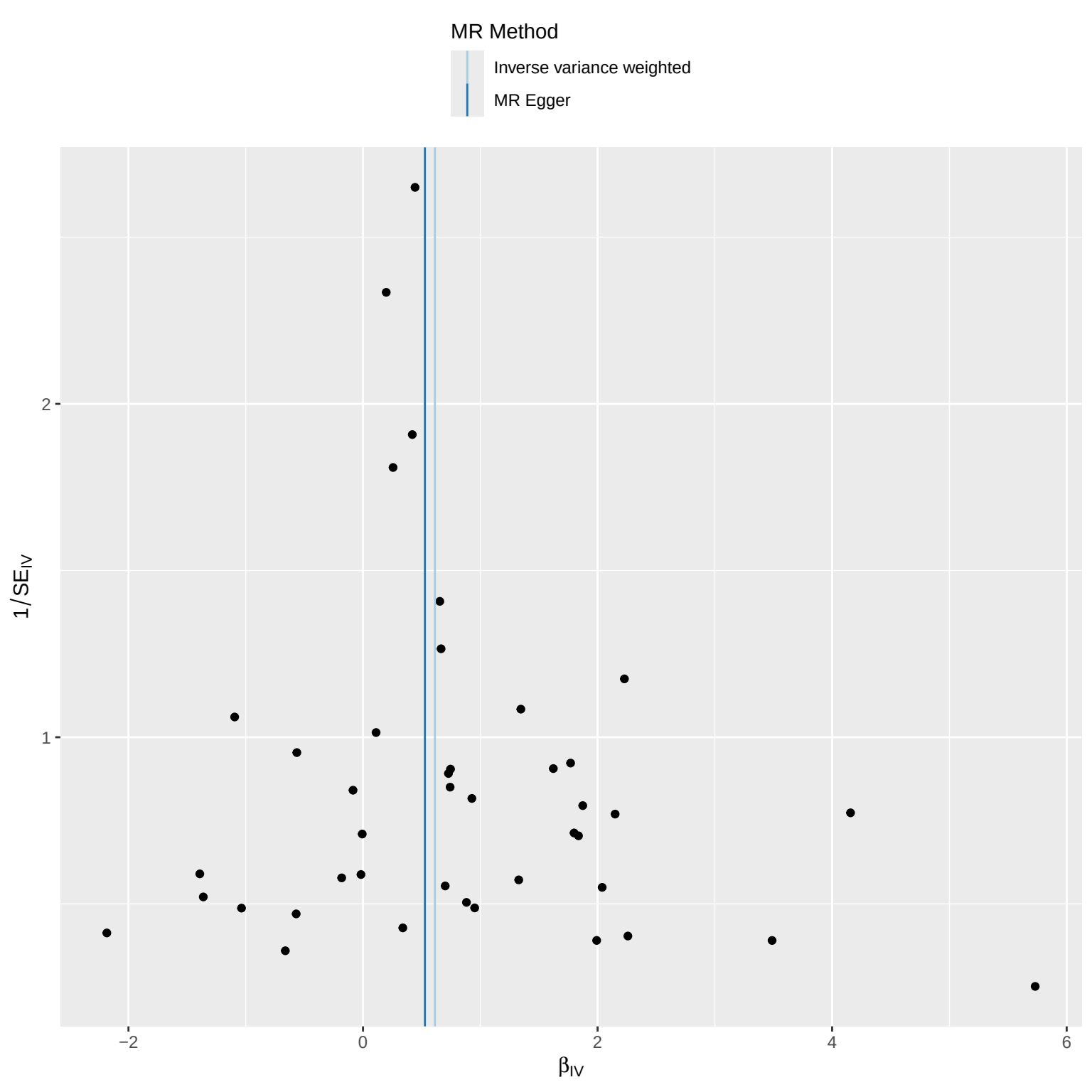

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

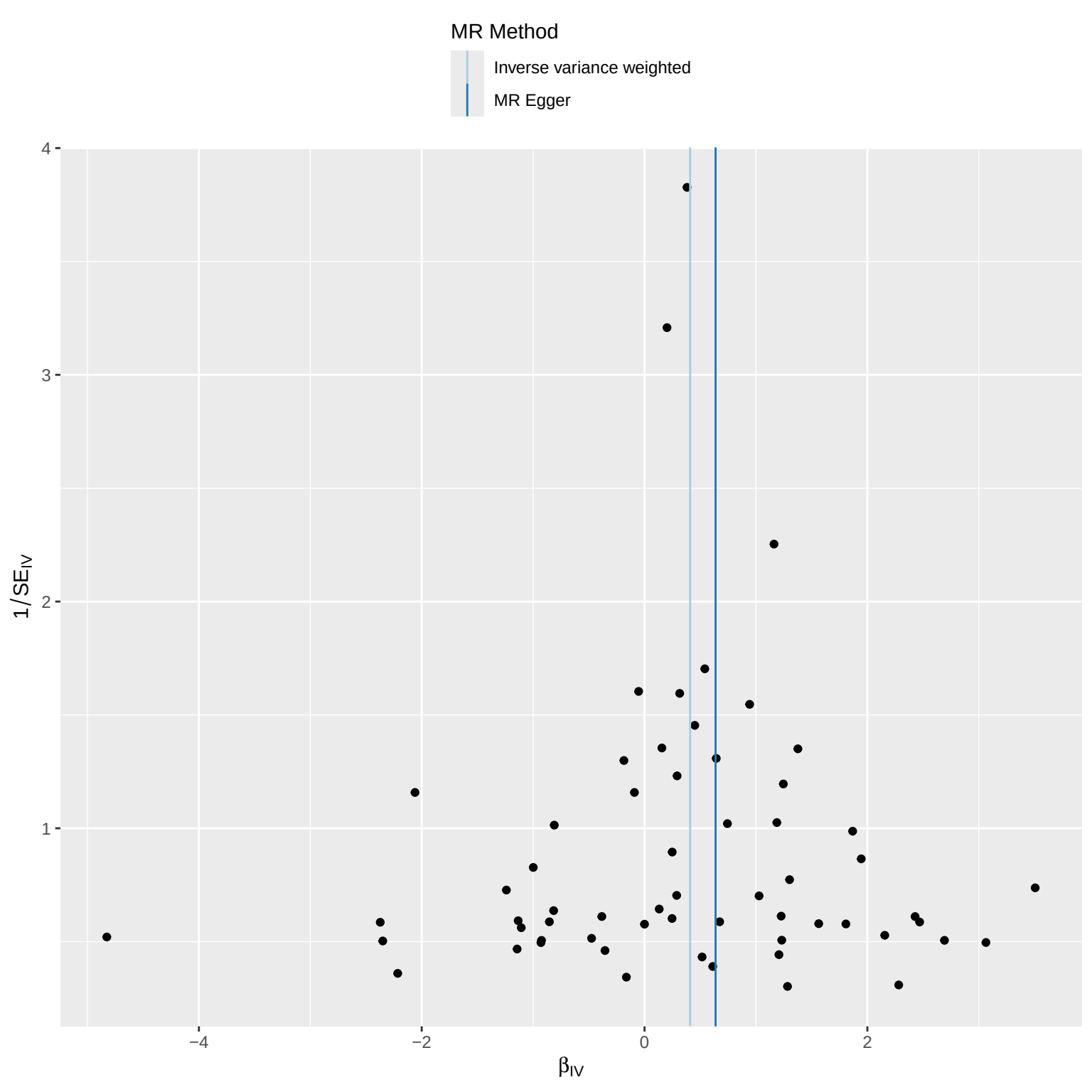

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
4
β_IV

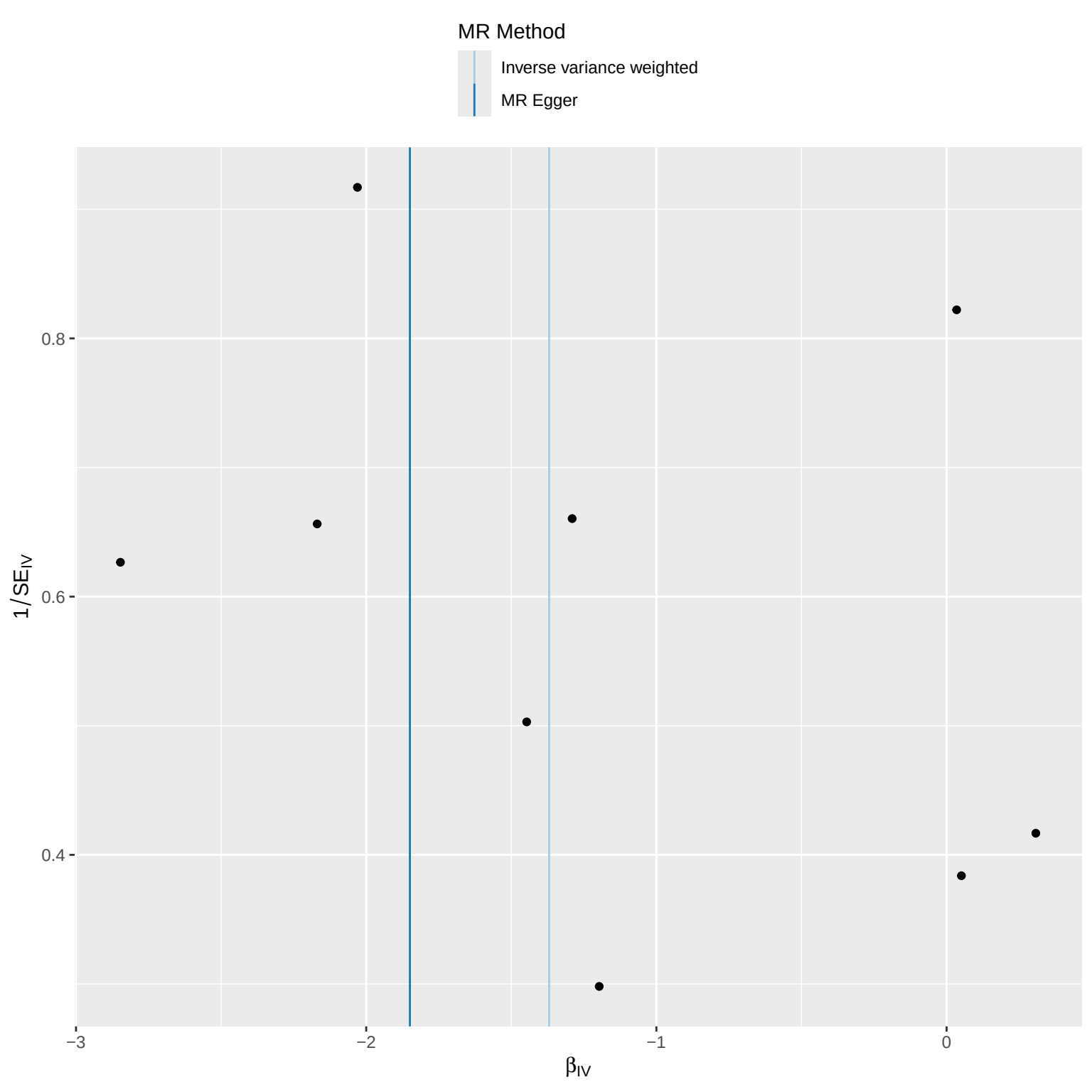

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

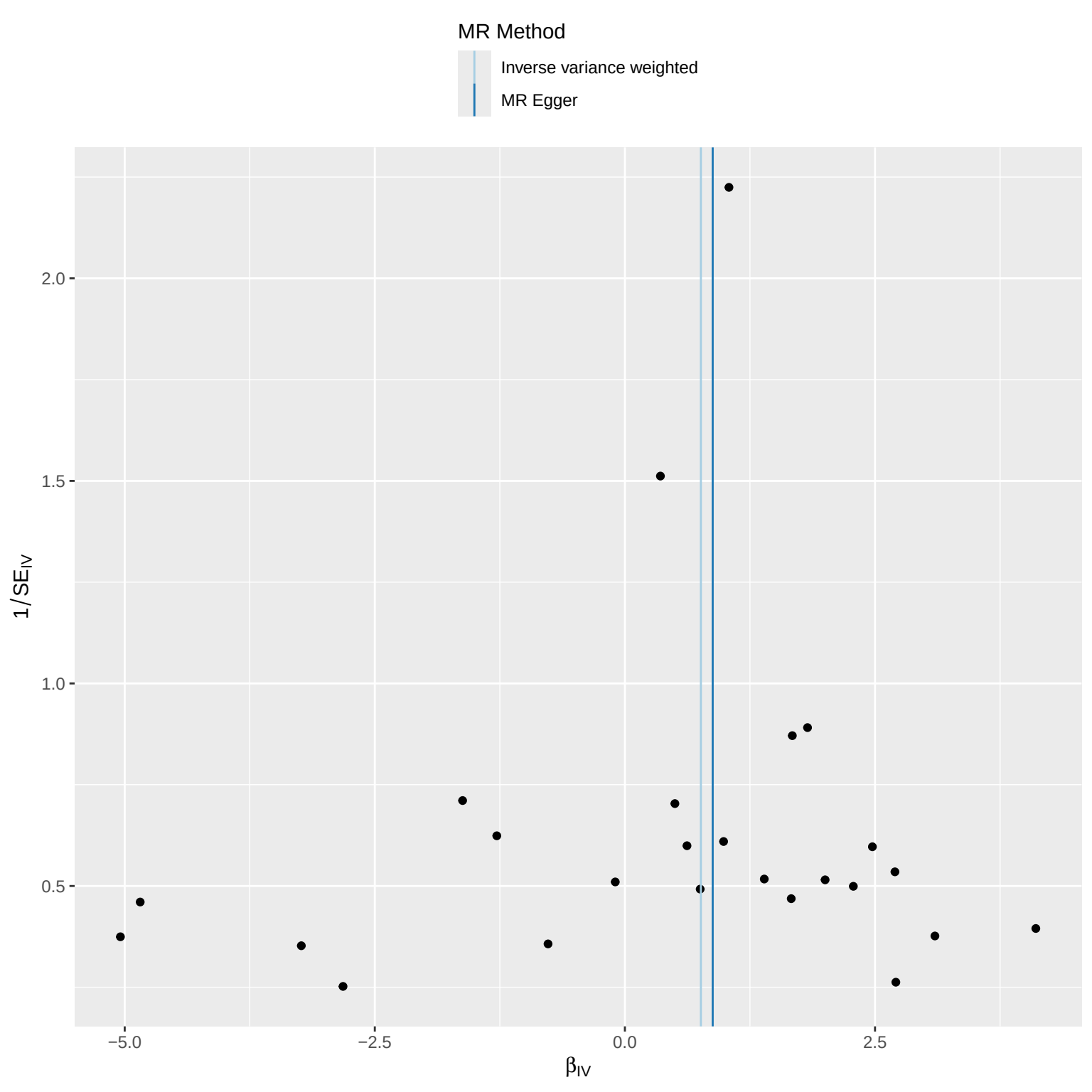

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

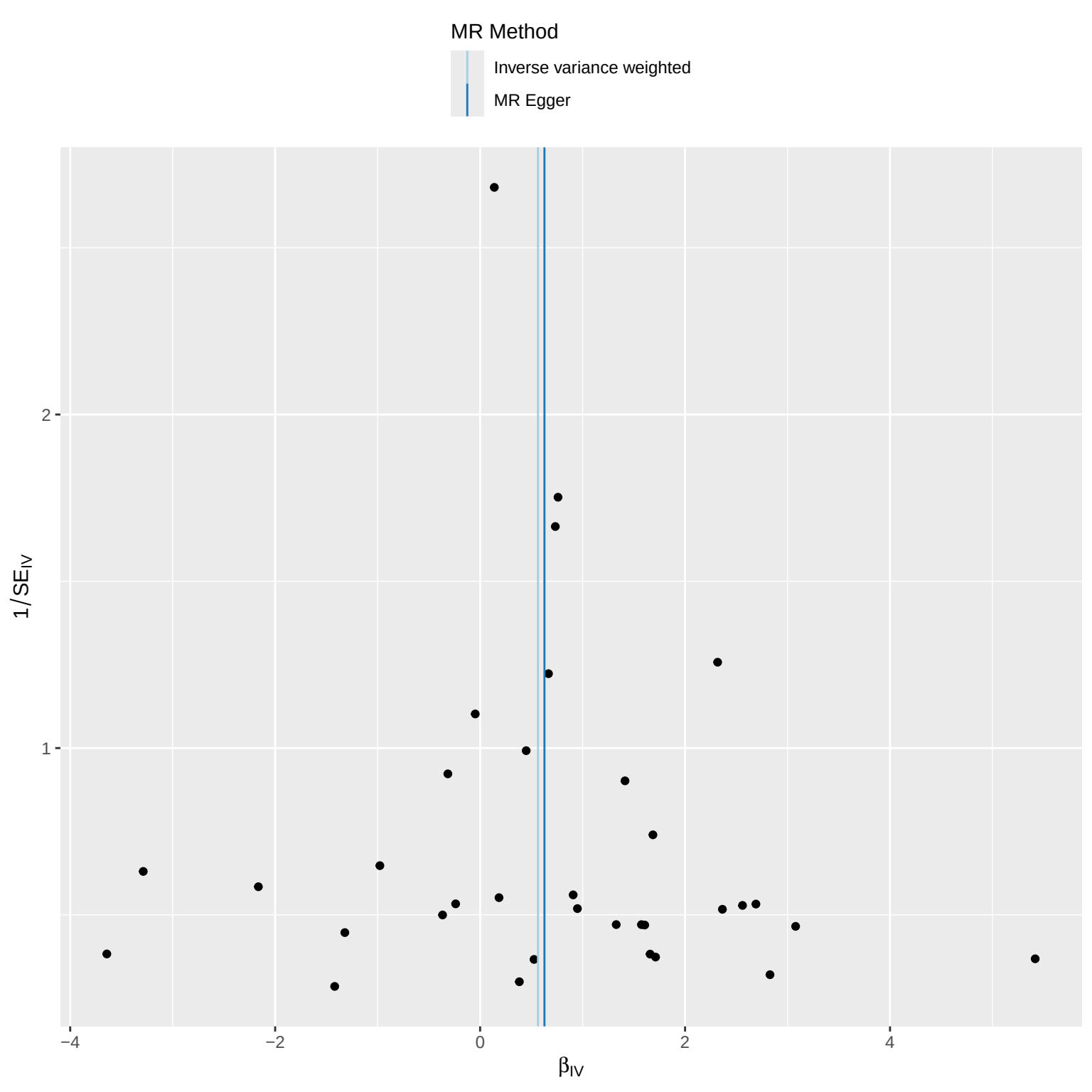

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0
2
4
β_IV

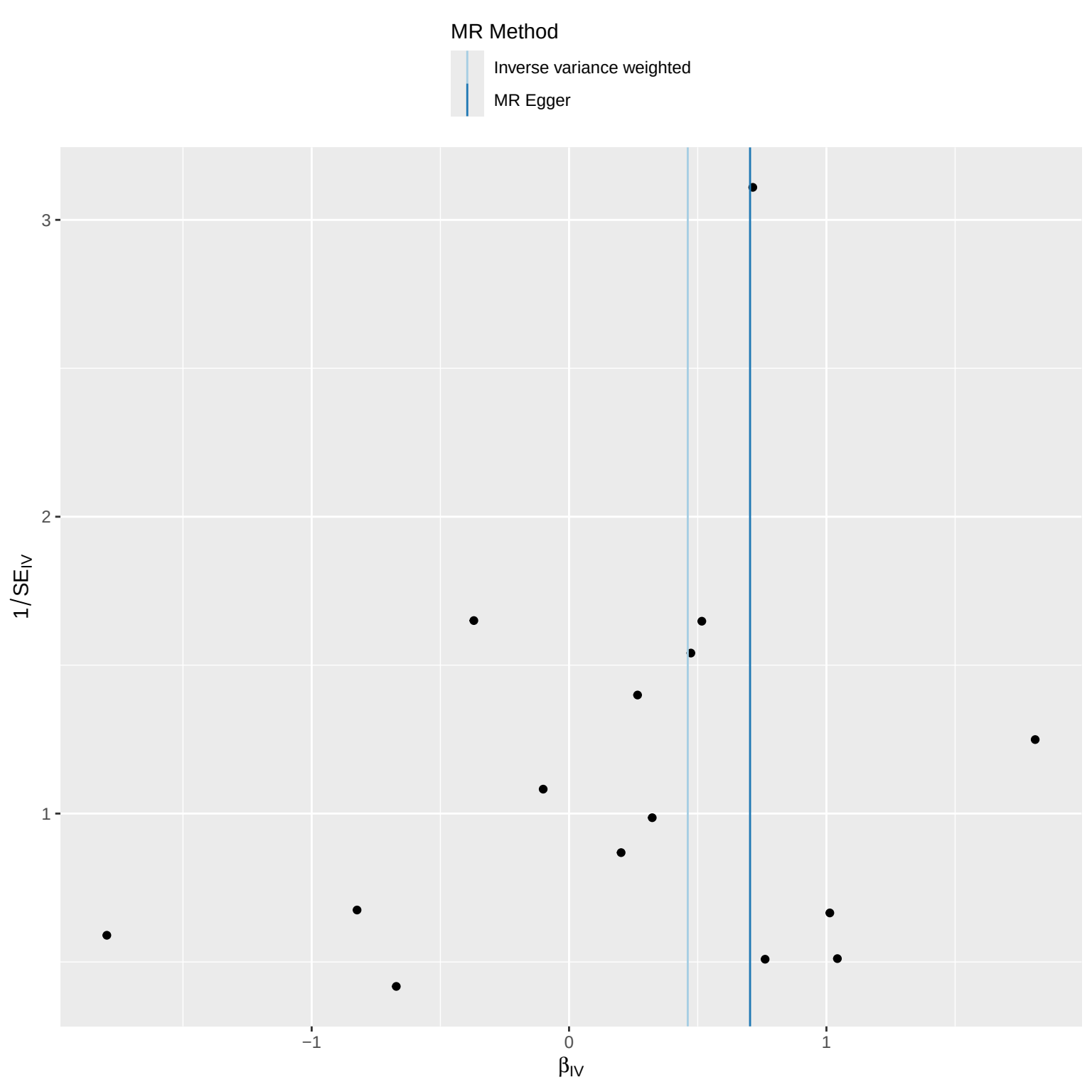

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
6
β_IV

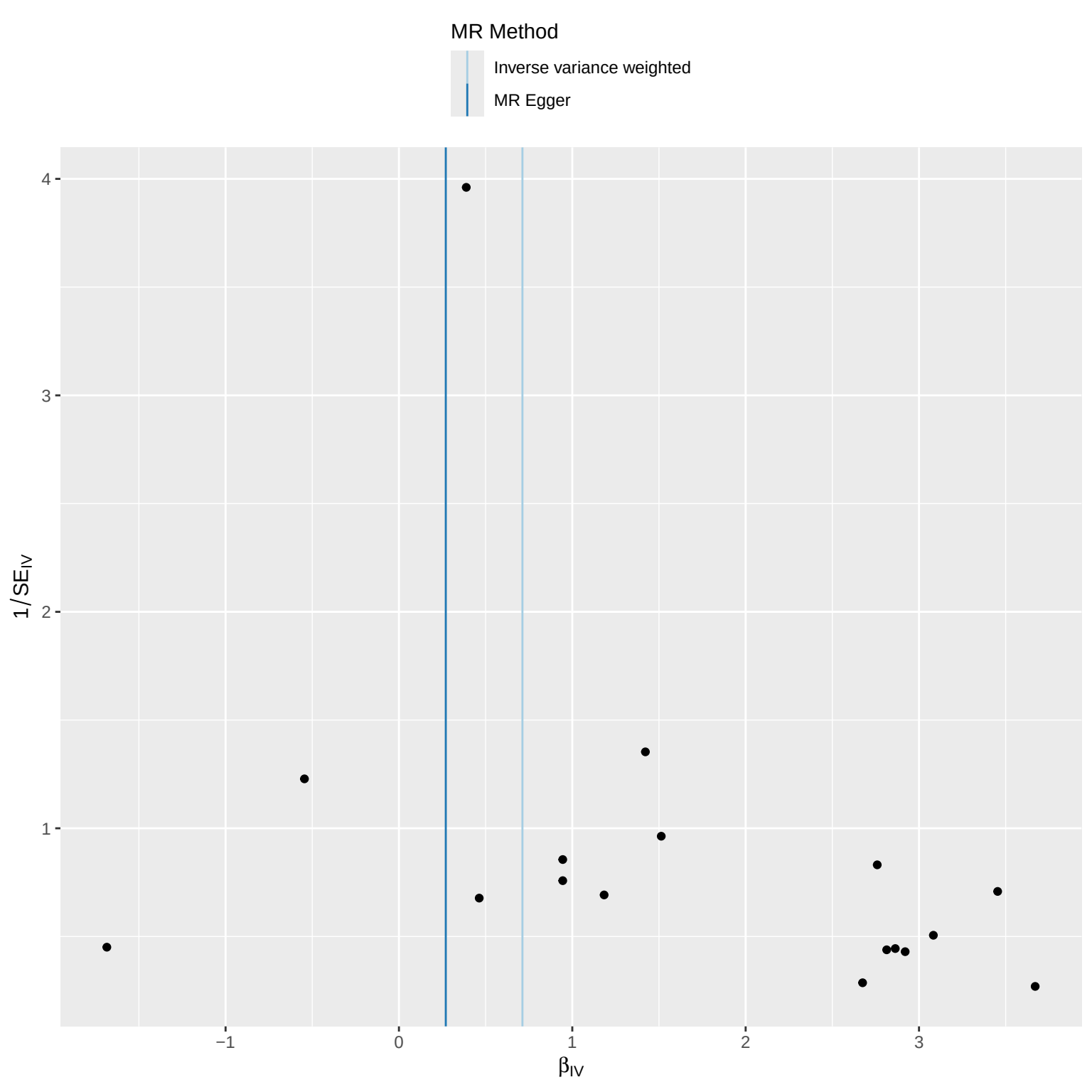

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

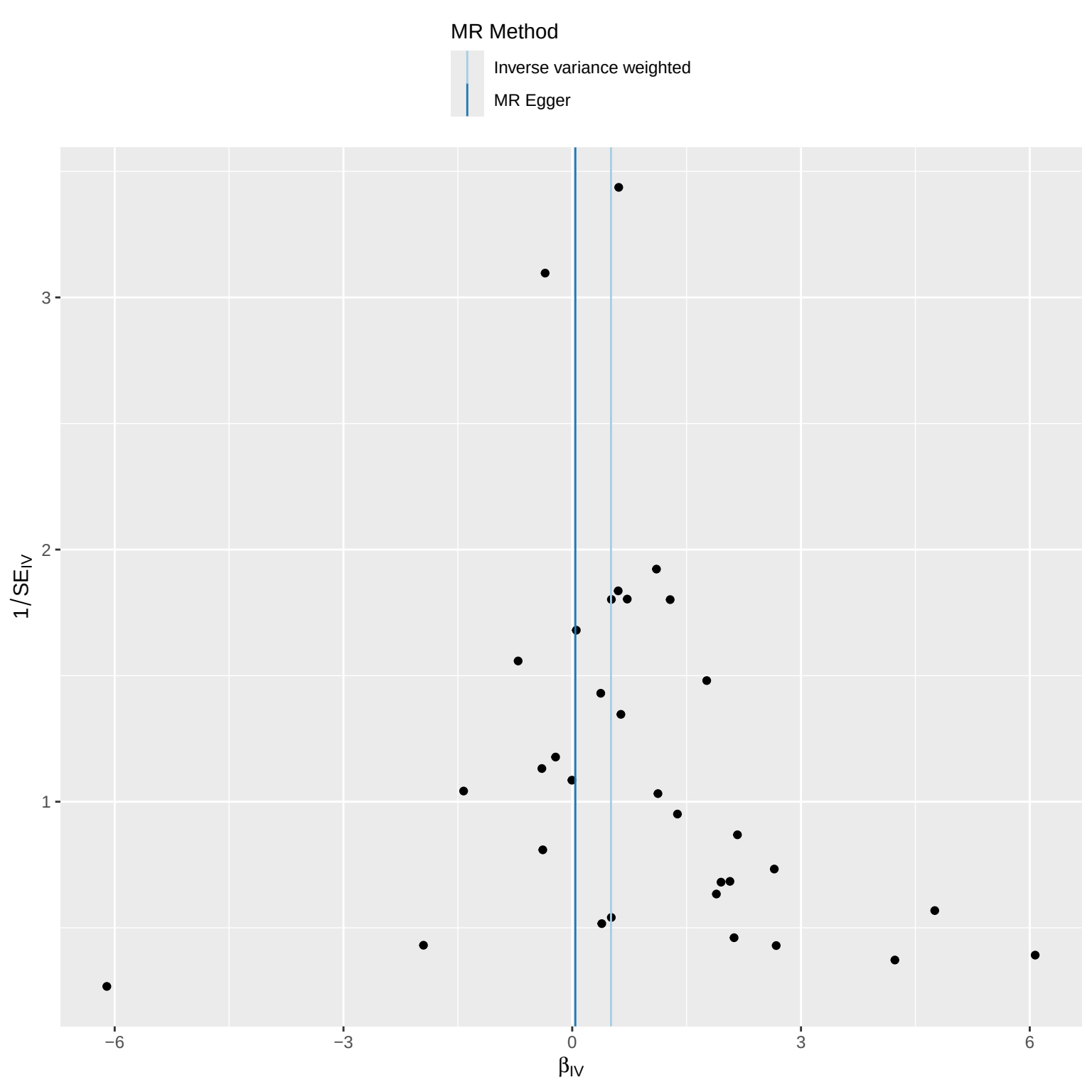

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
β_IV

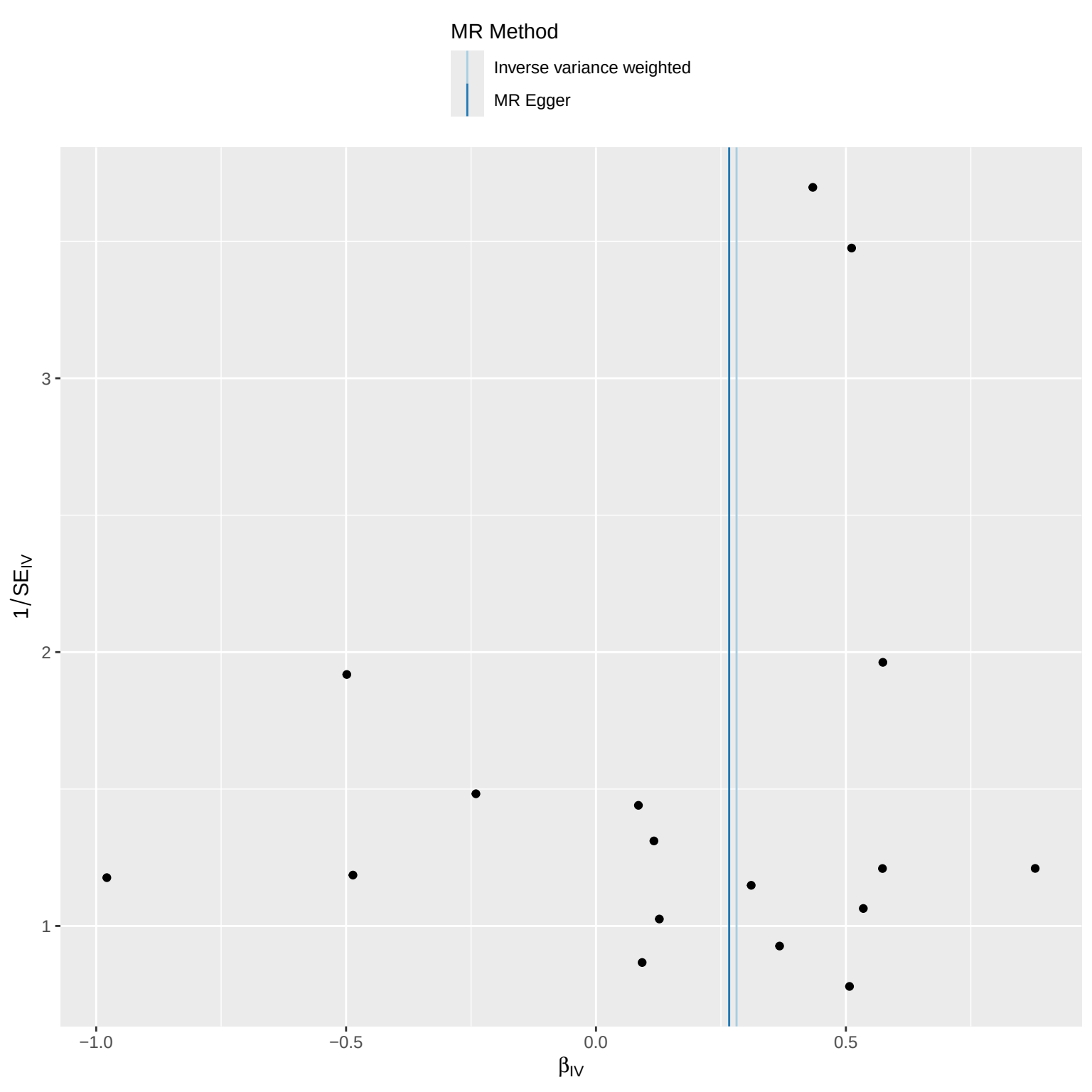

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

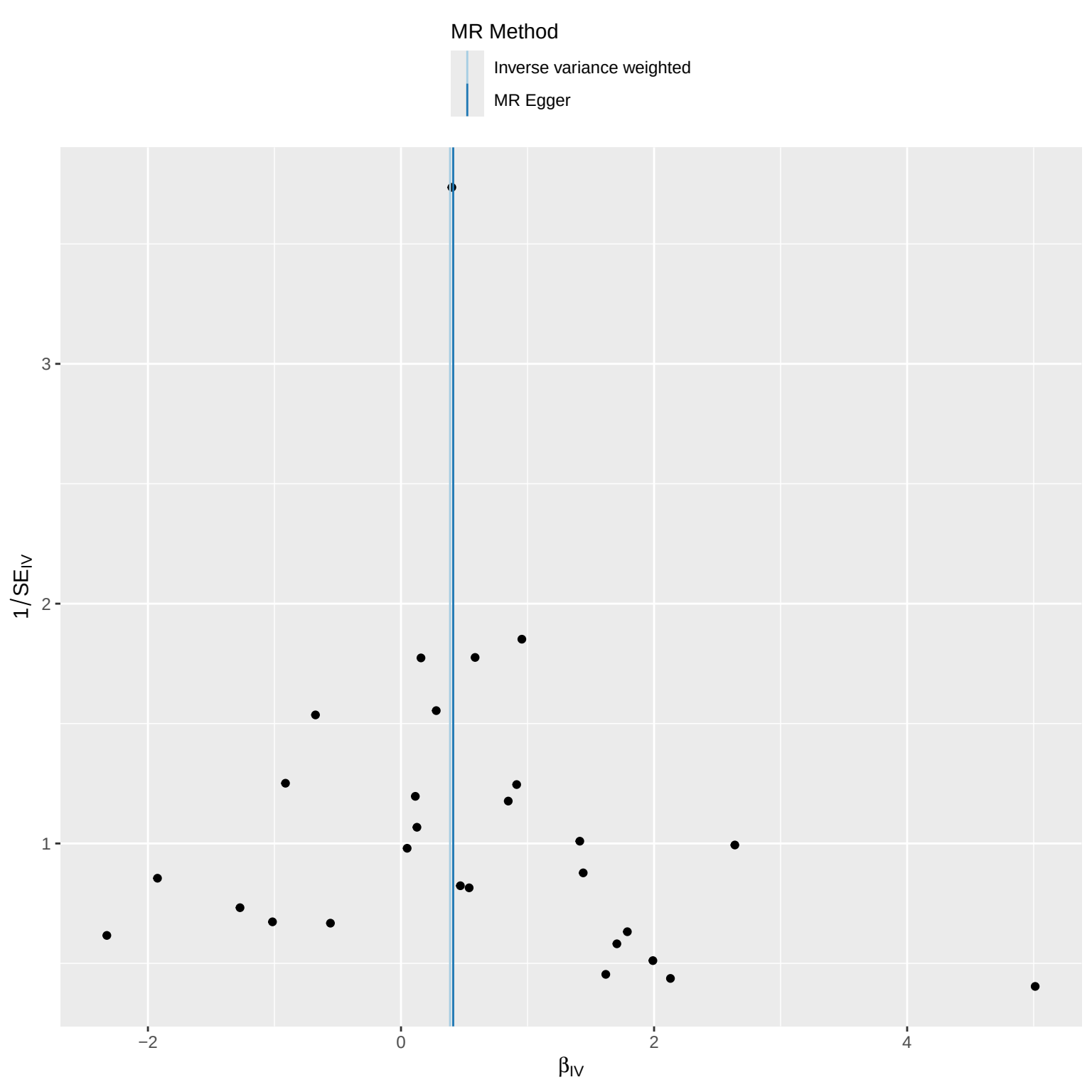

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

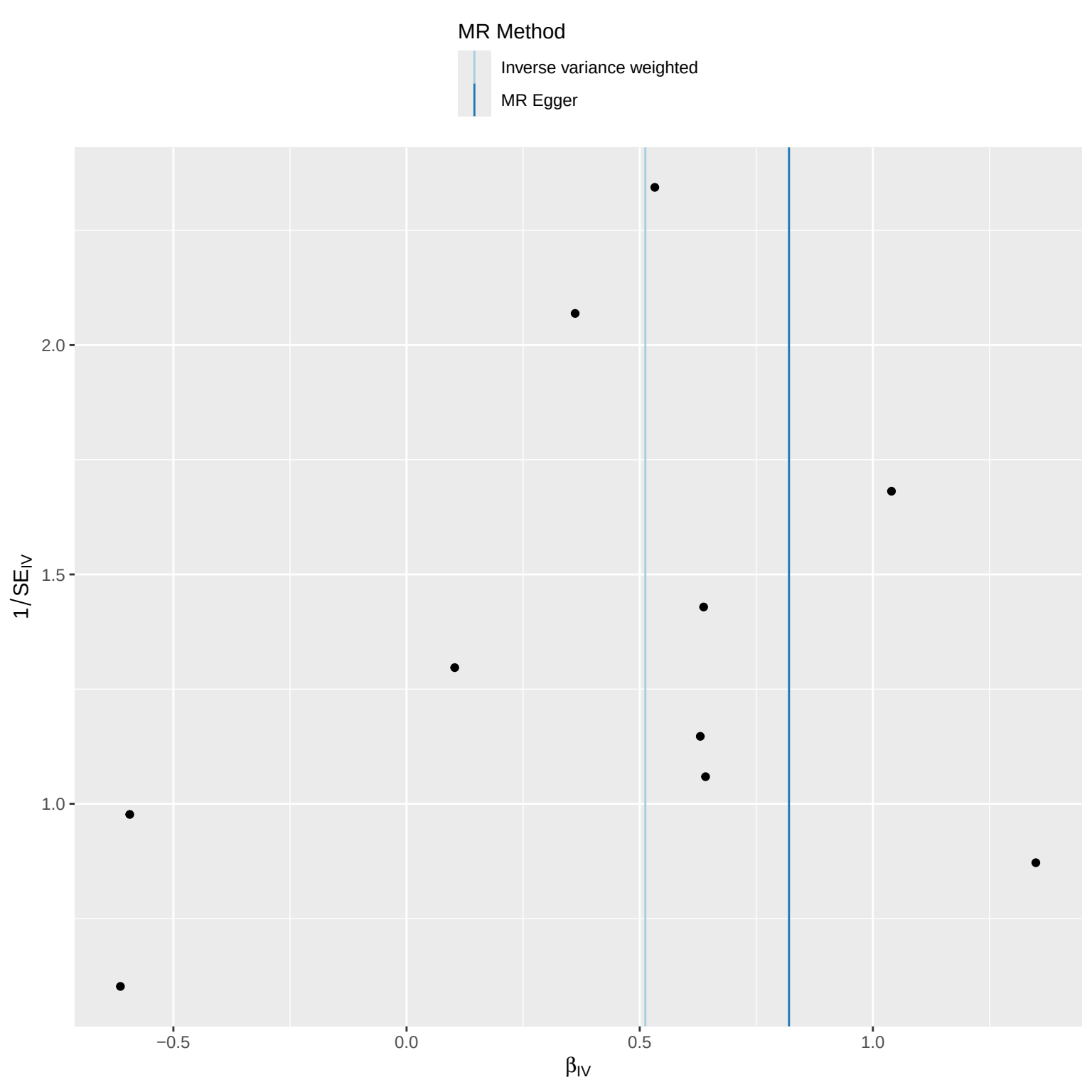

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

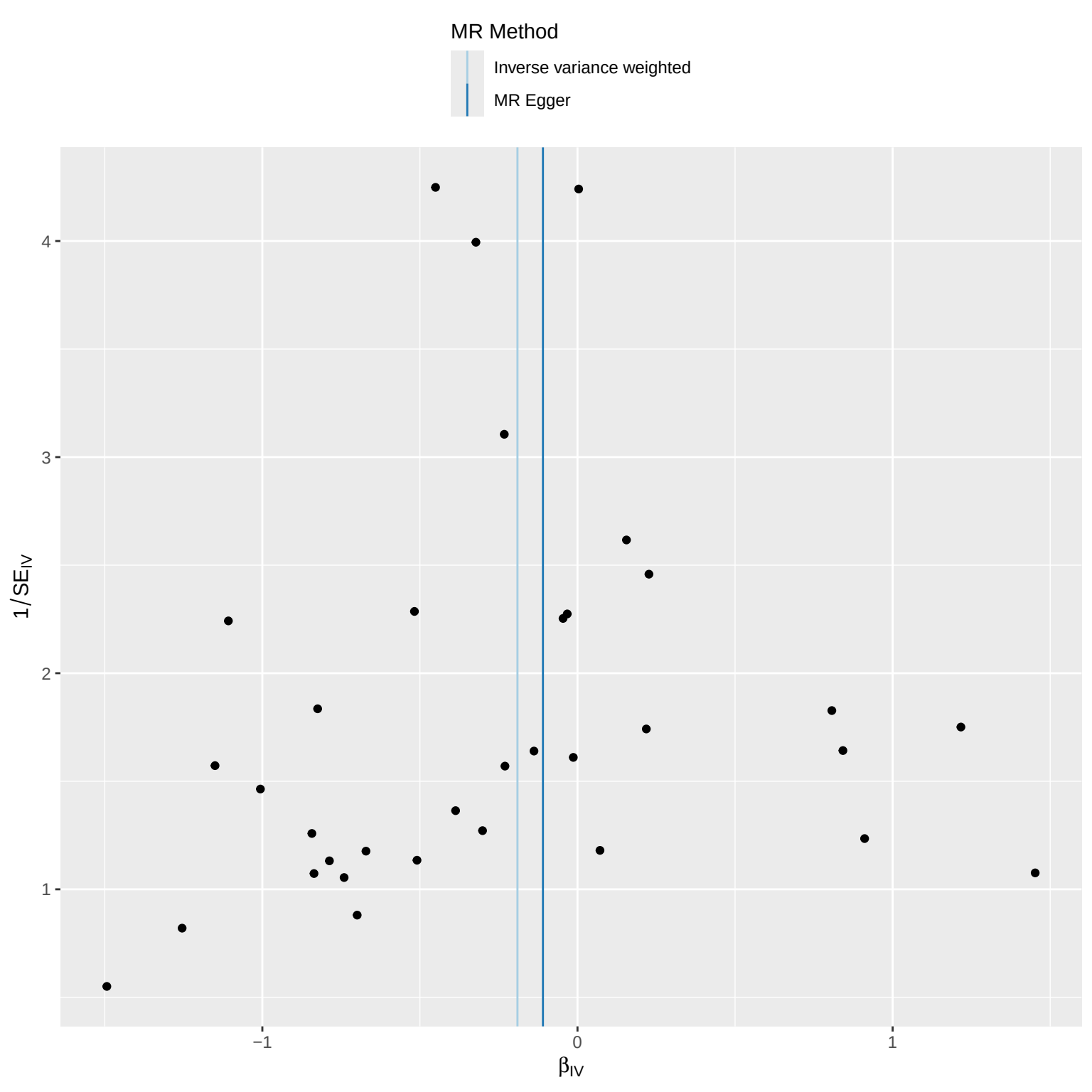

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

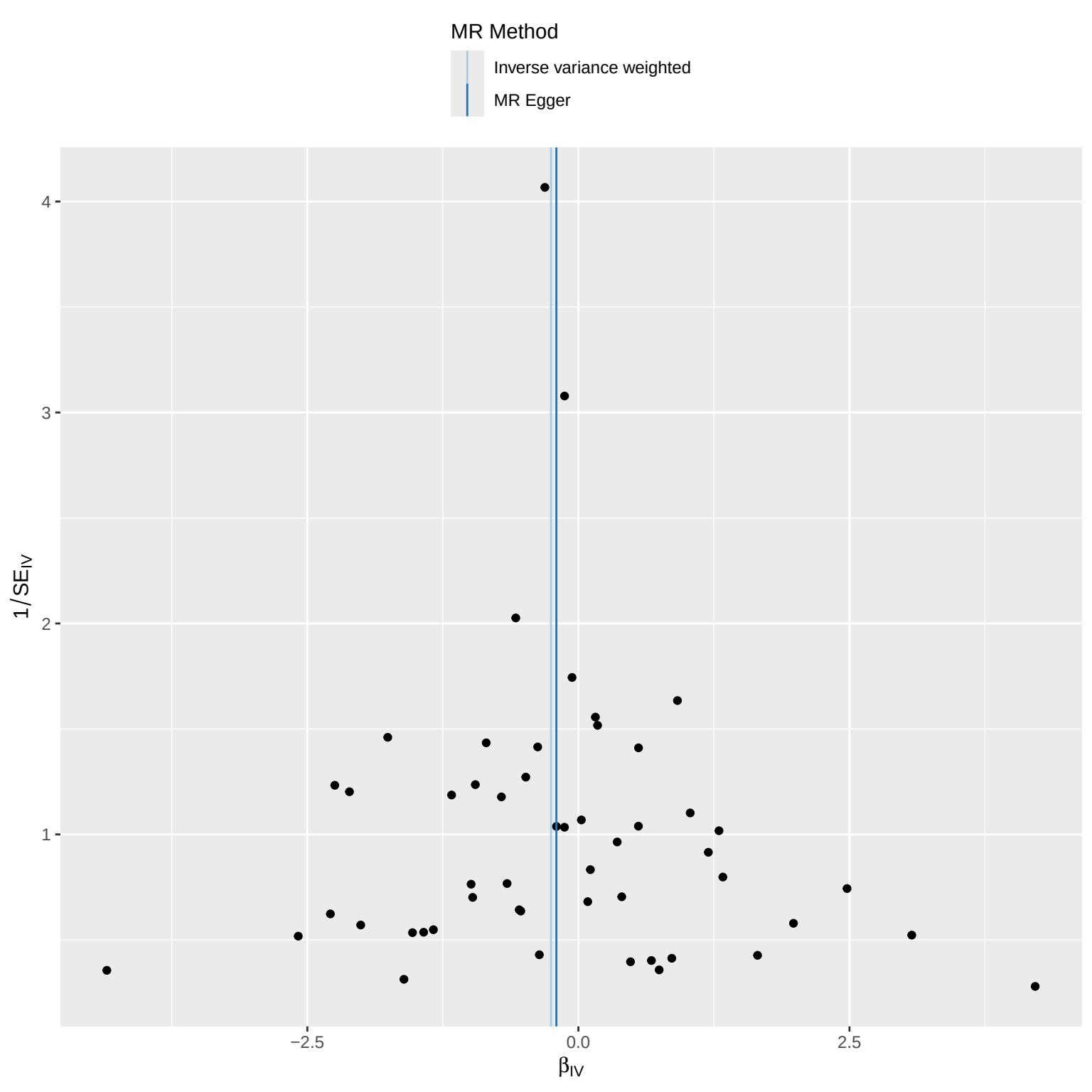

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
3
6
β_IV

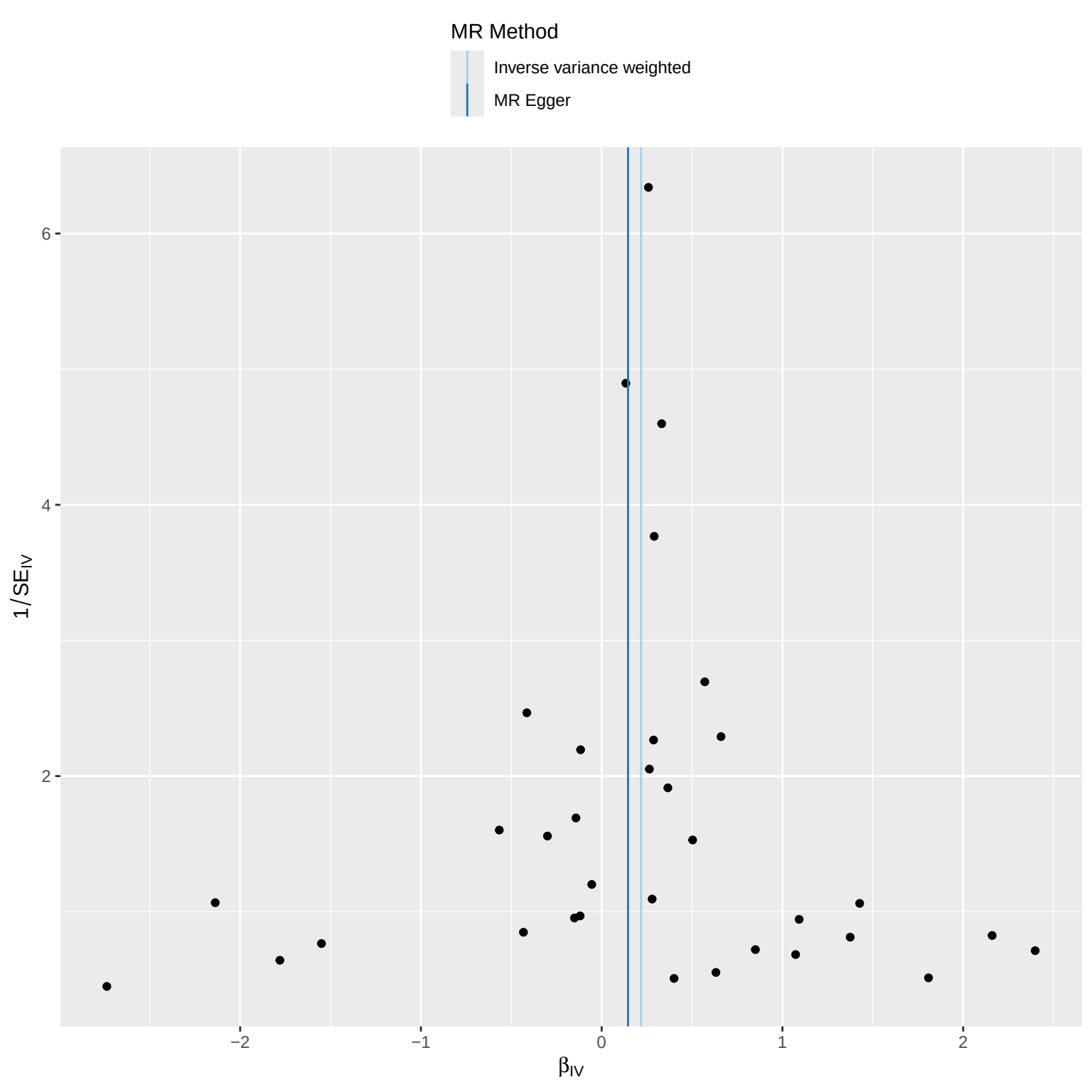

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

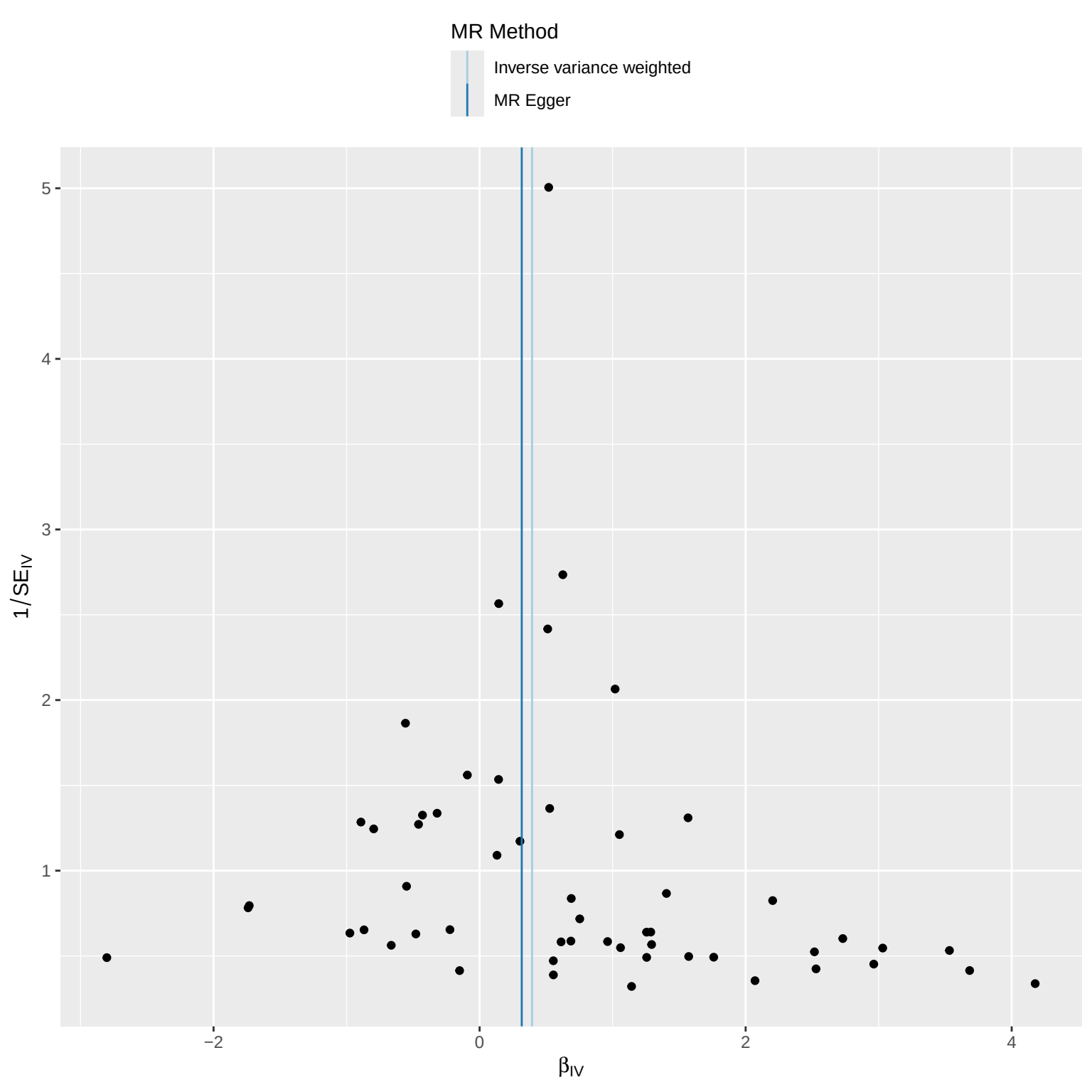

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

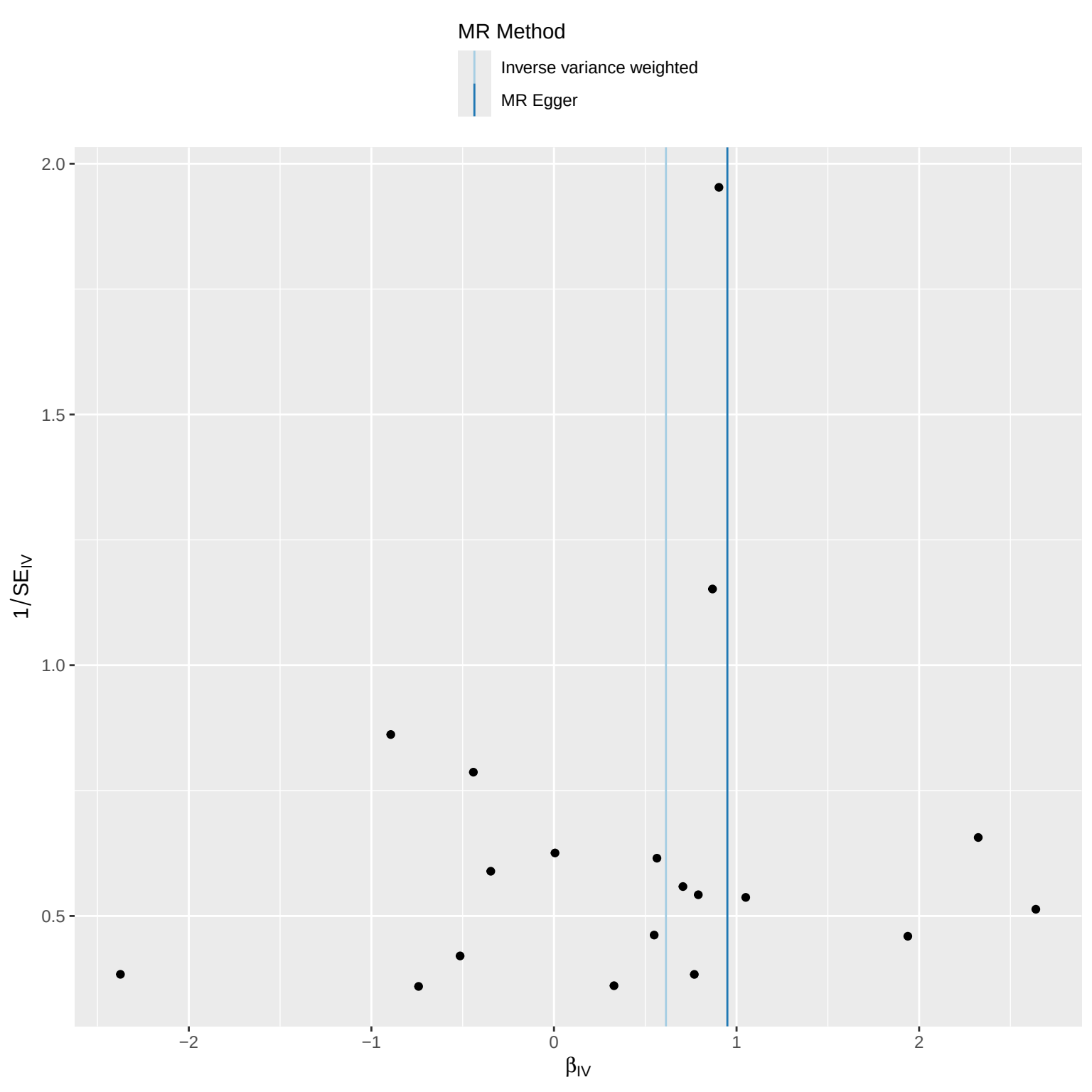

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

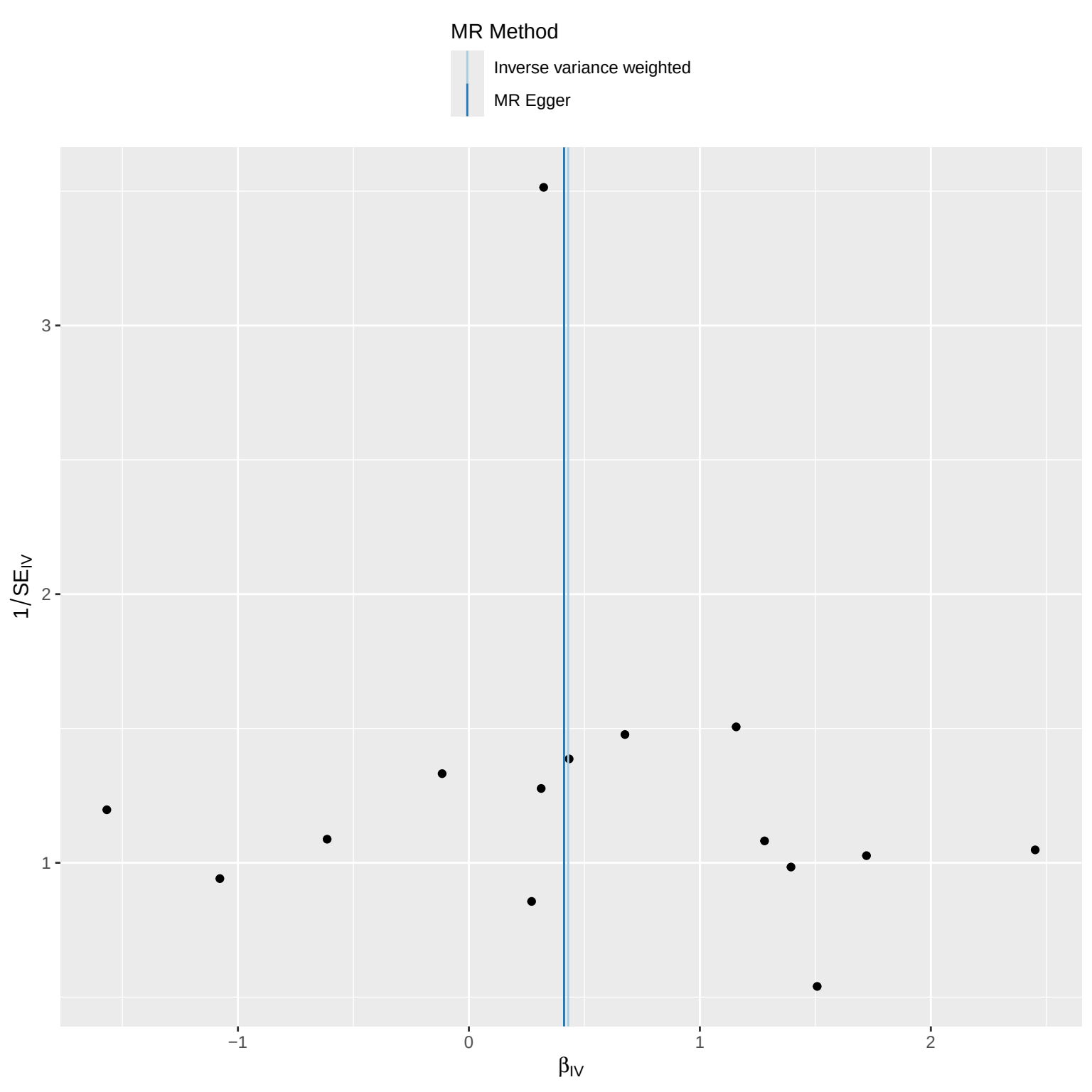

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

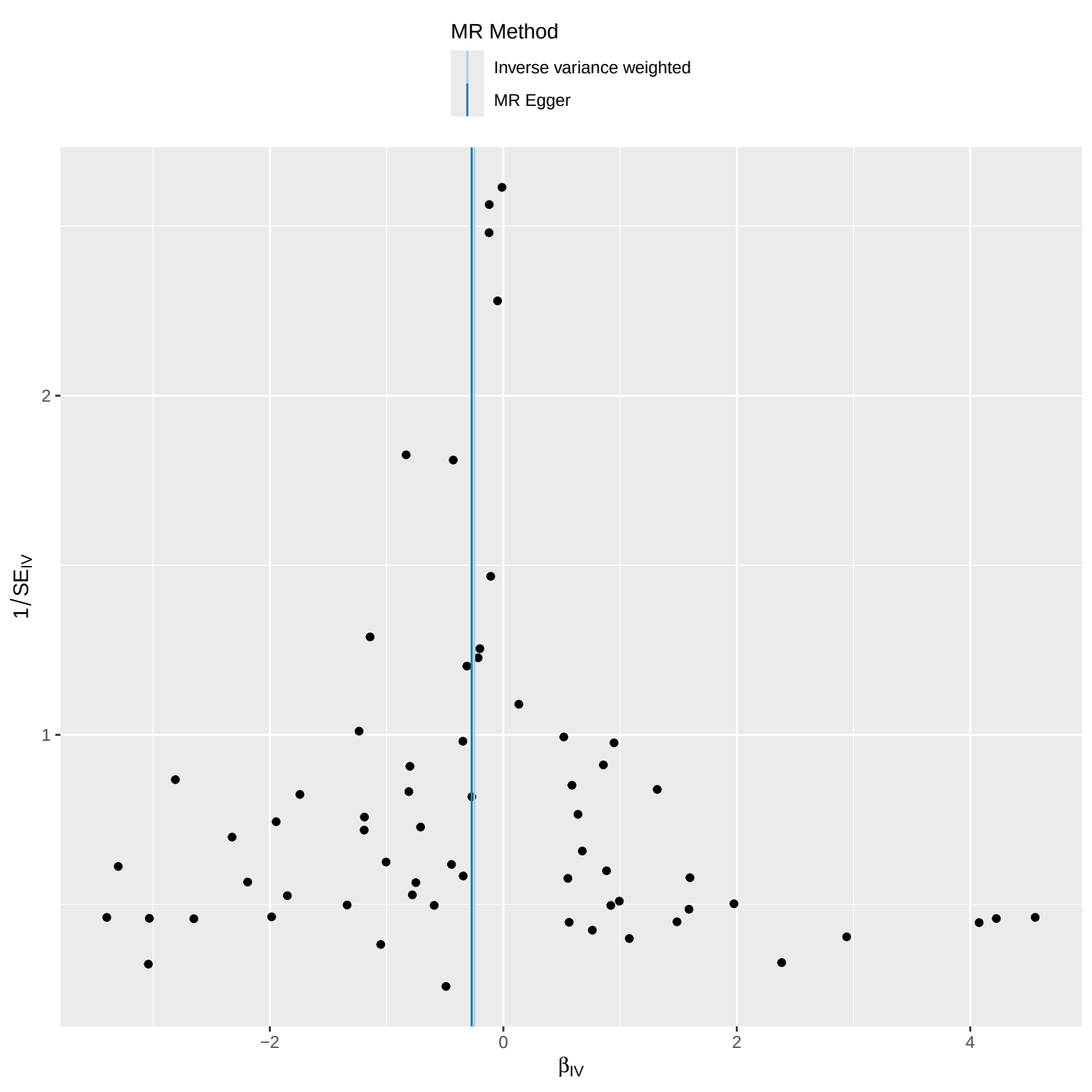

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

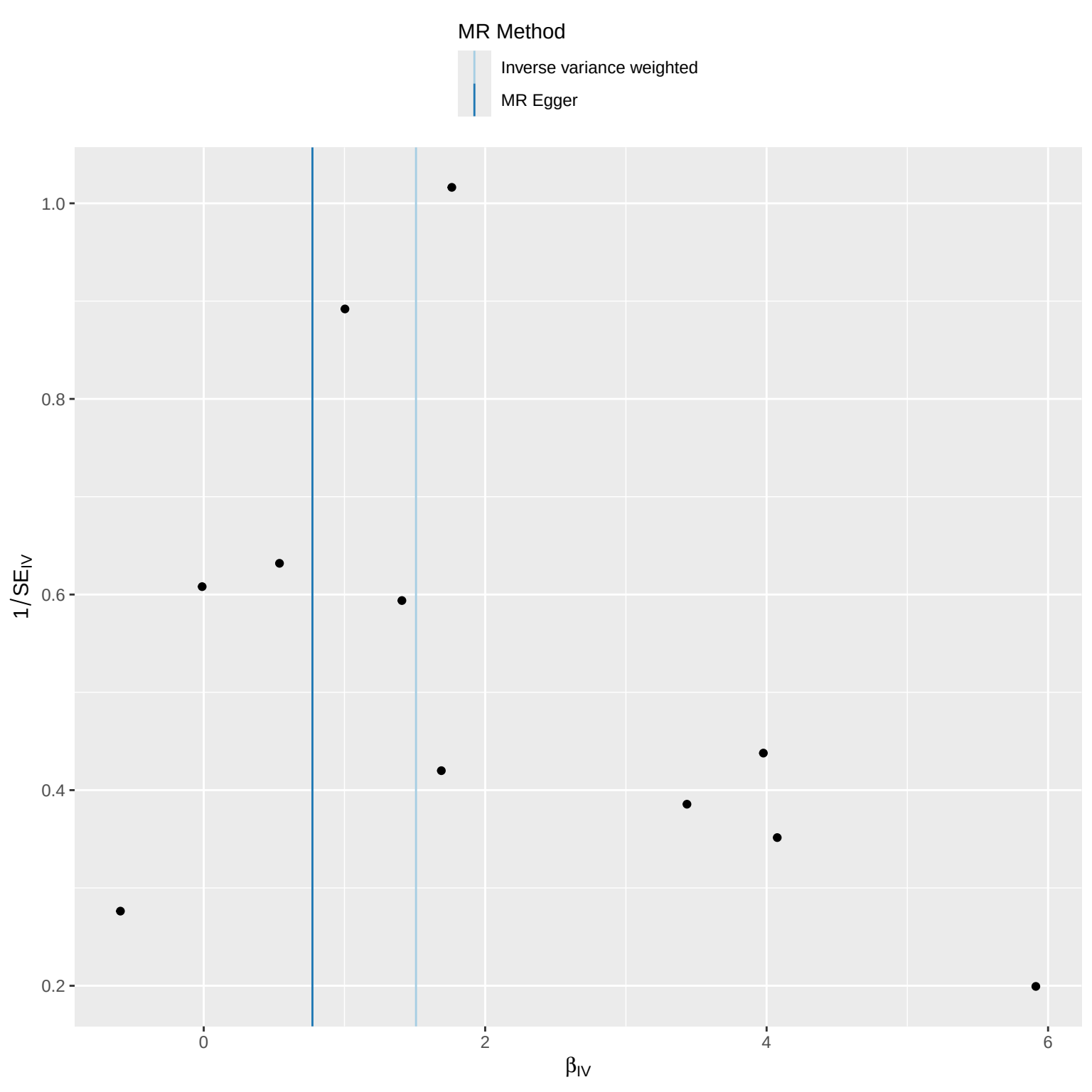

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

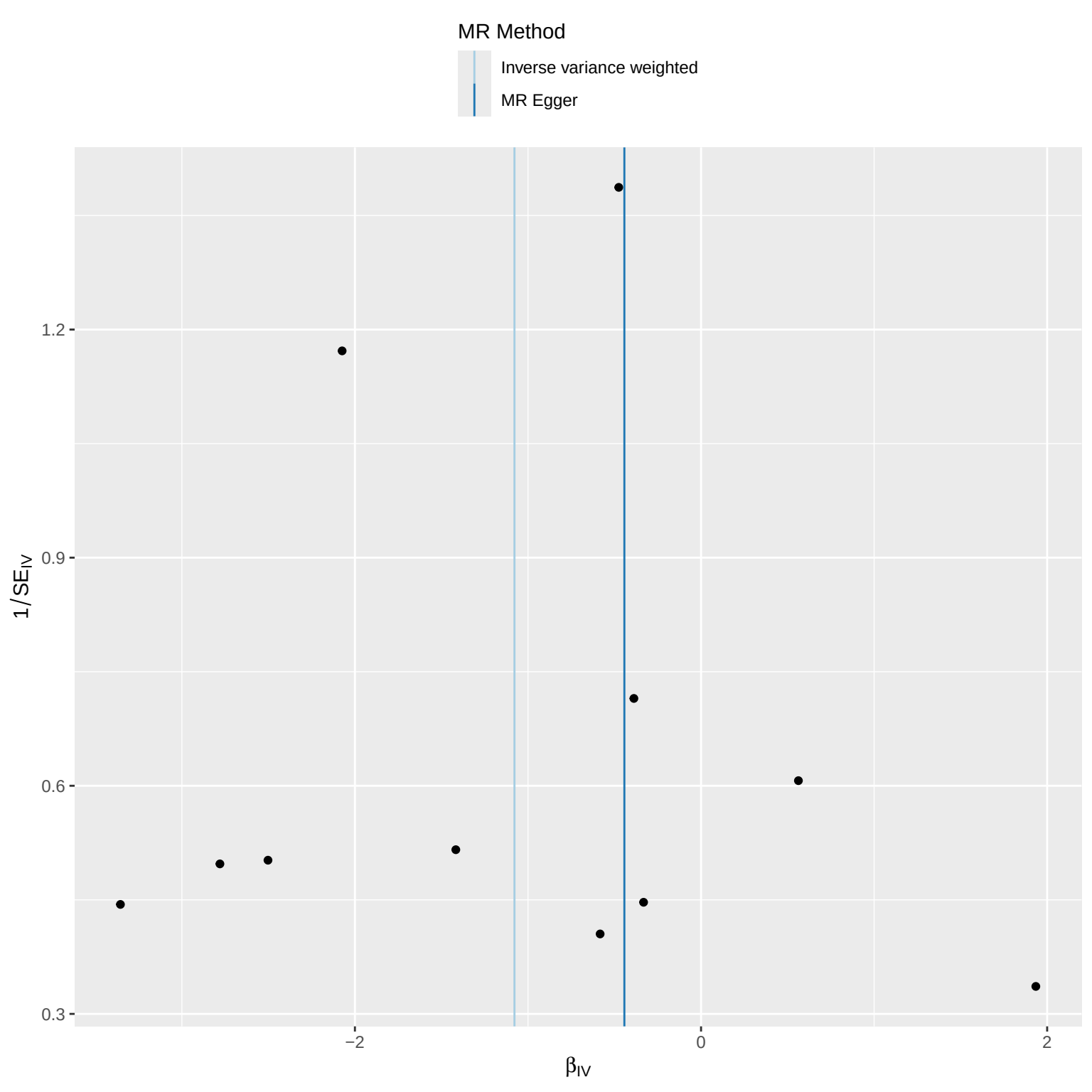

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

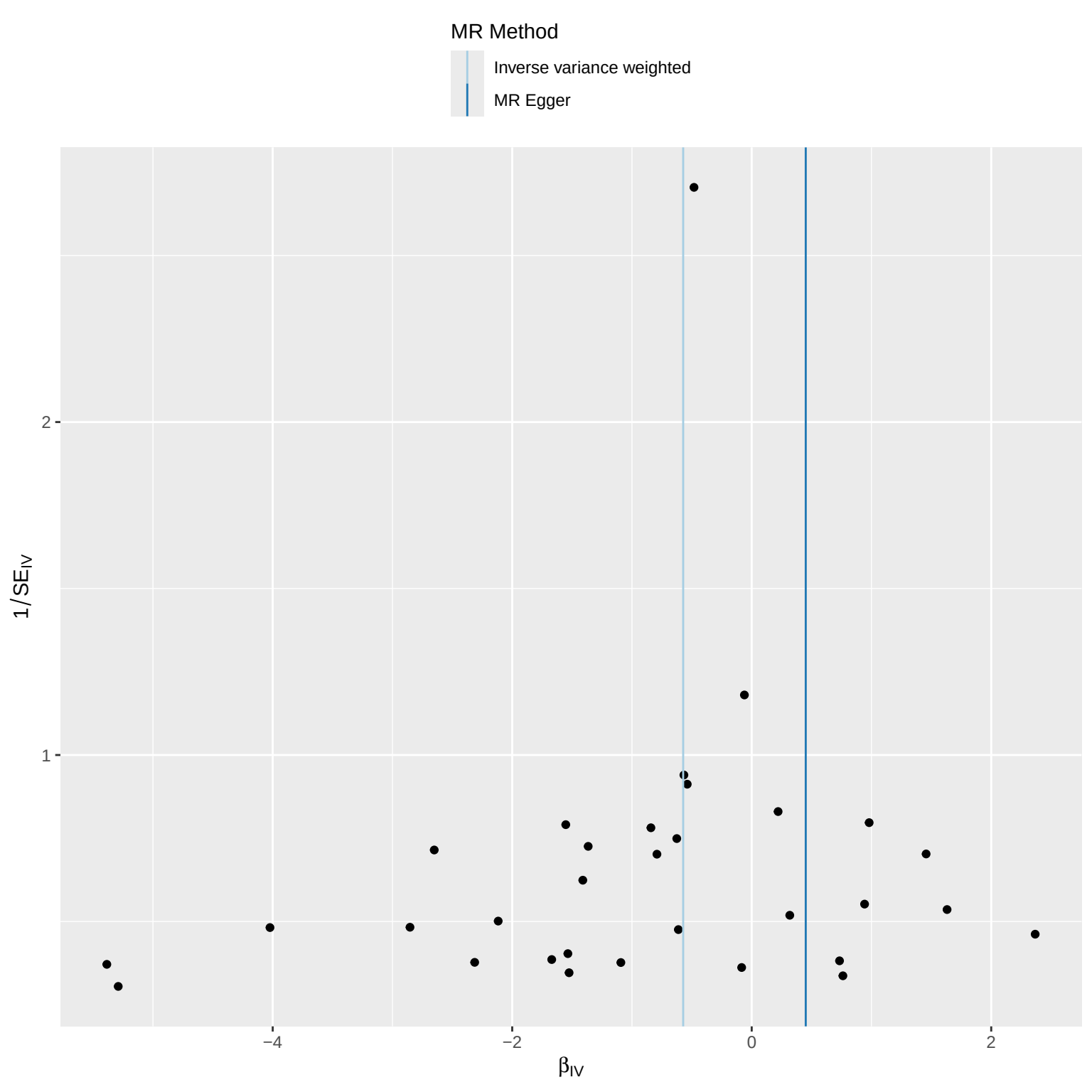

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

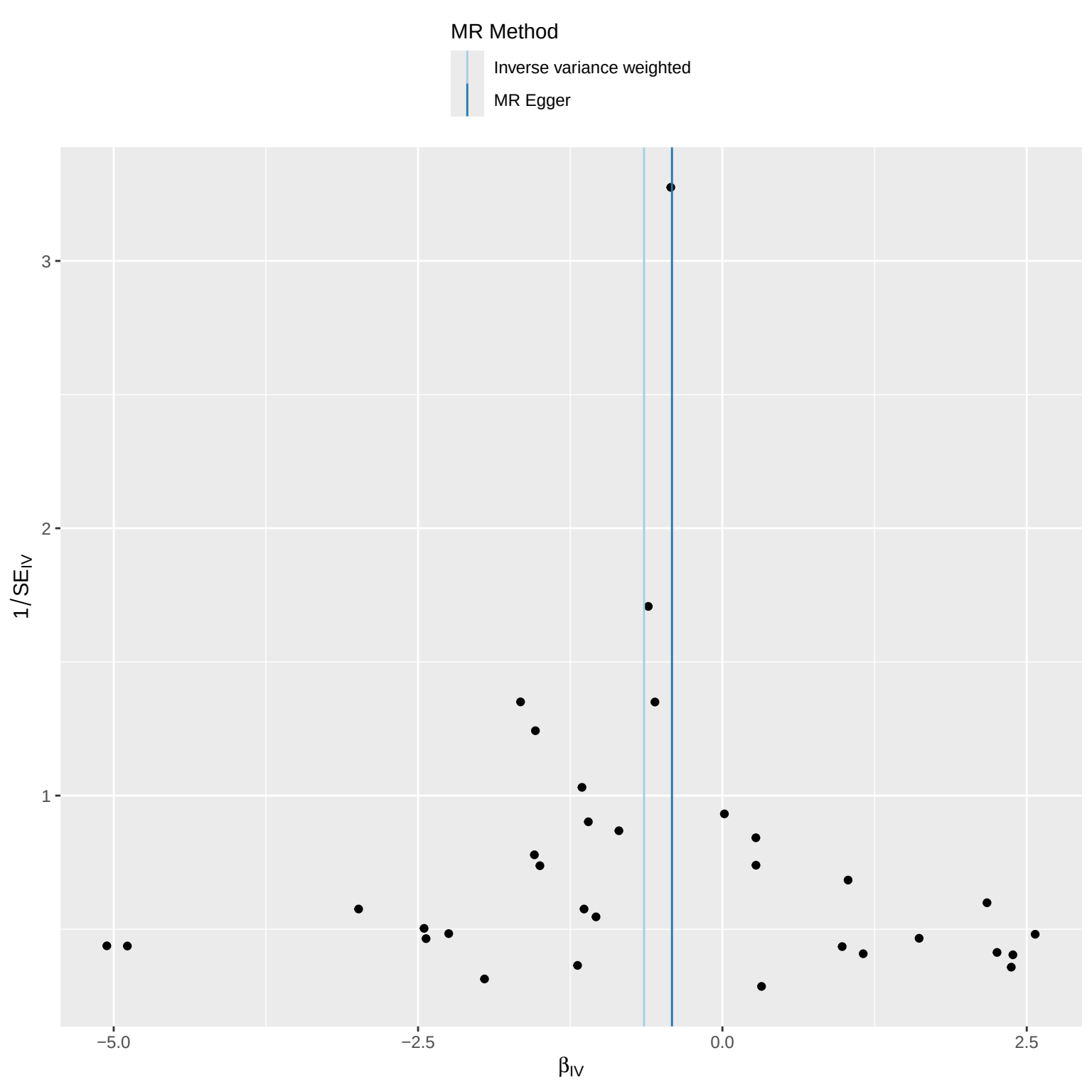

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

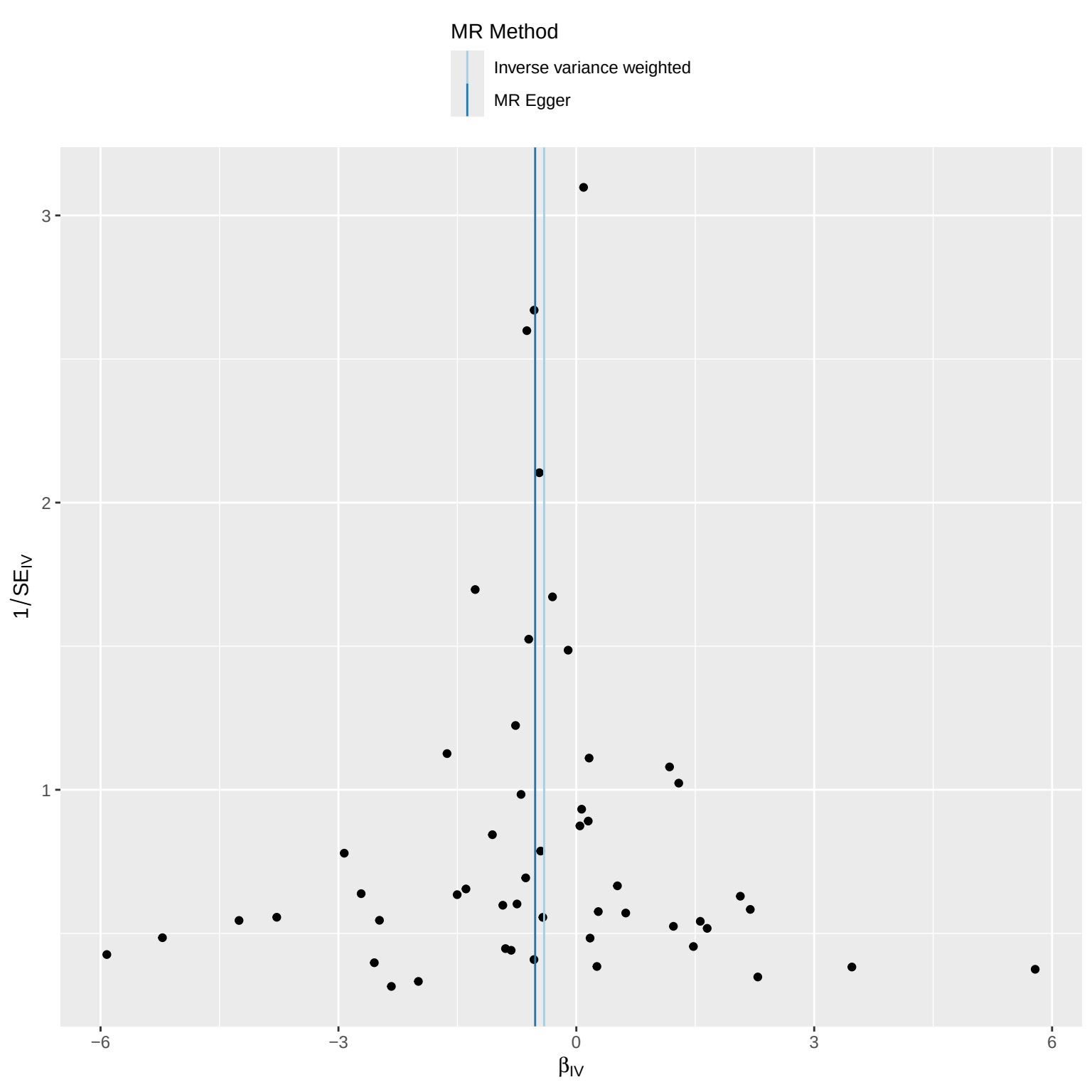

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

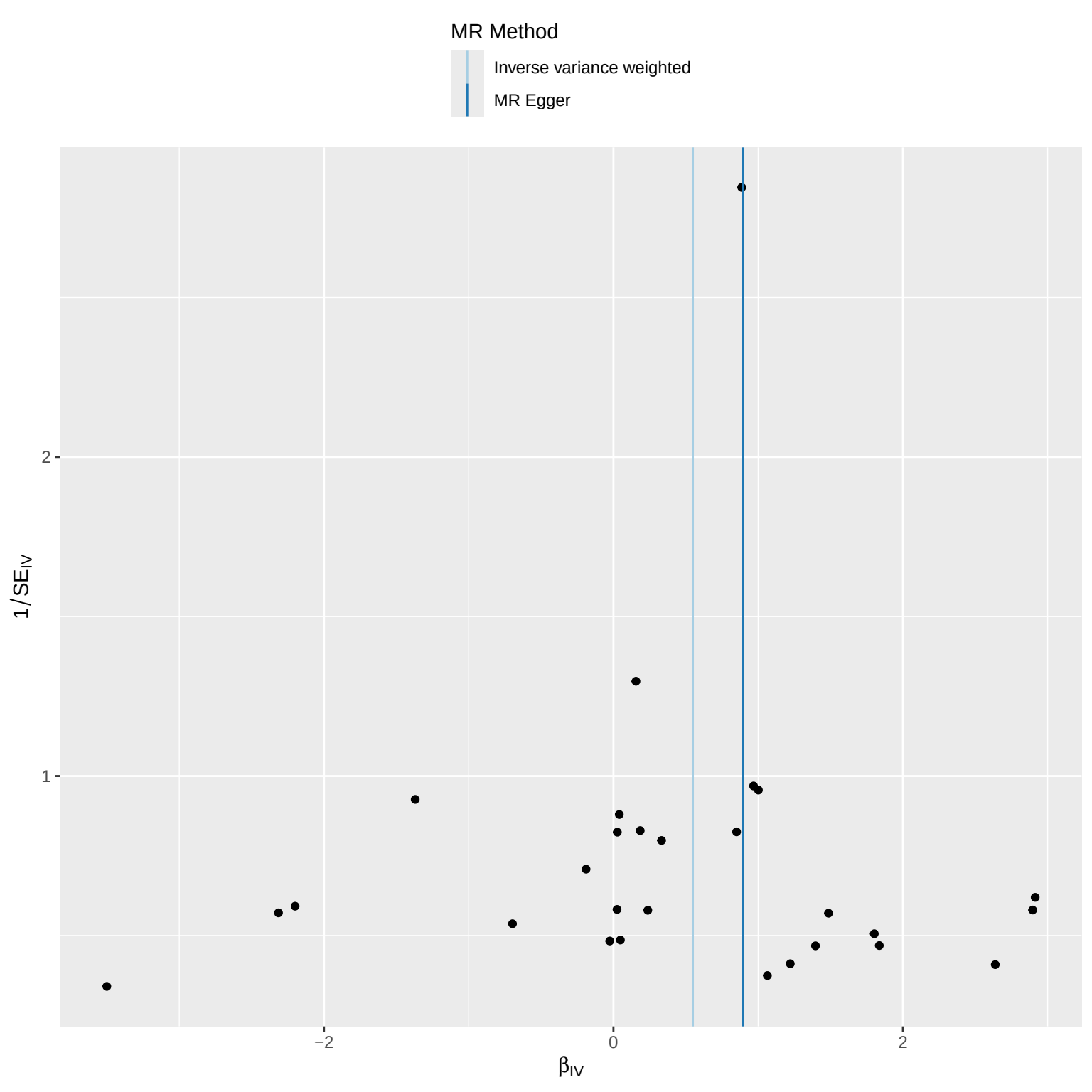

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
0.2
1/SE_IV
0
2
4
6
β_IV

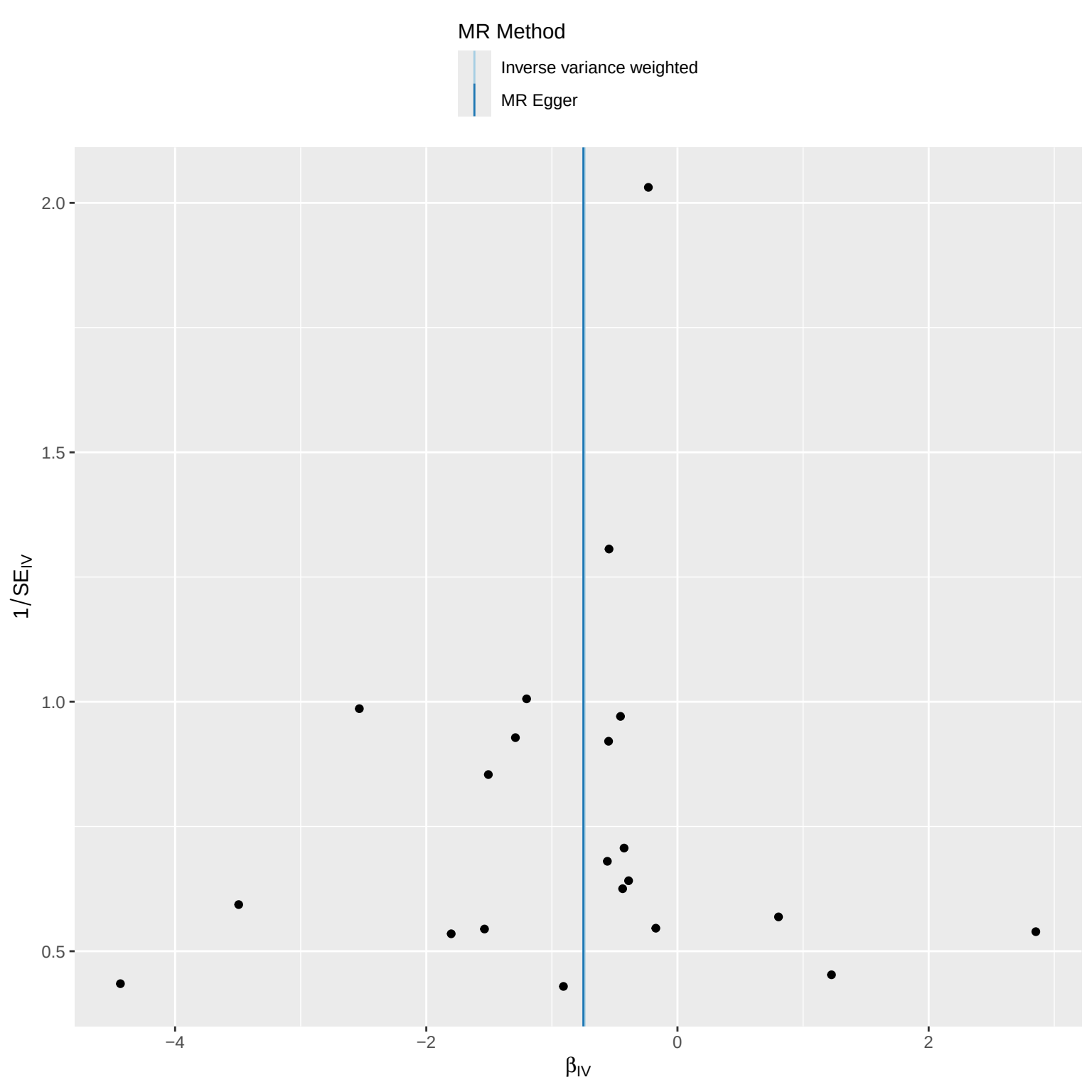

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−2
0
2
β_IV

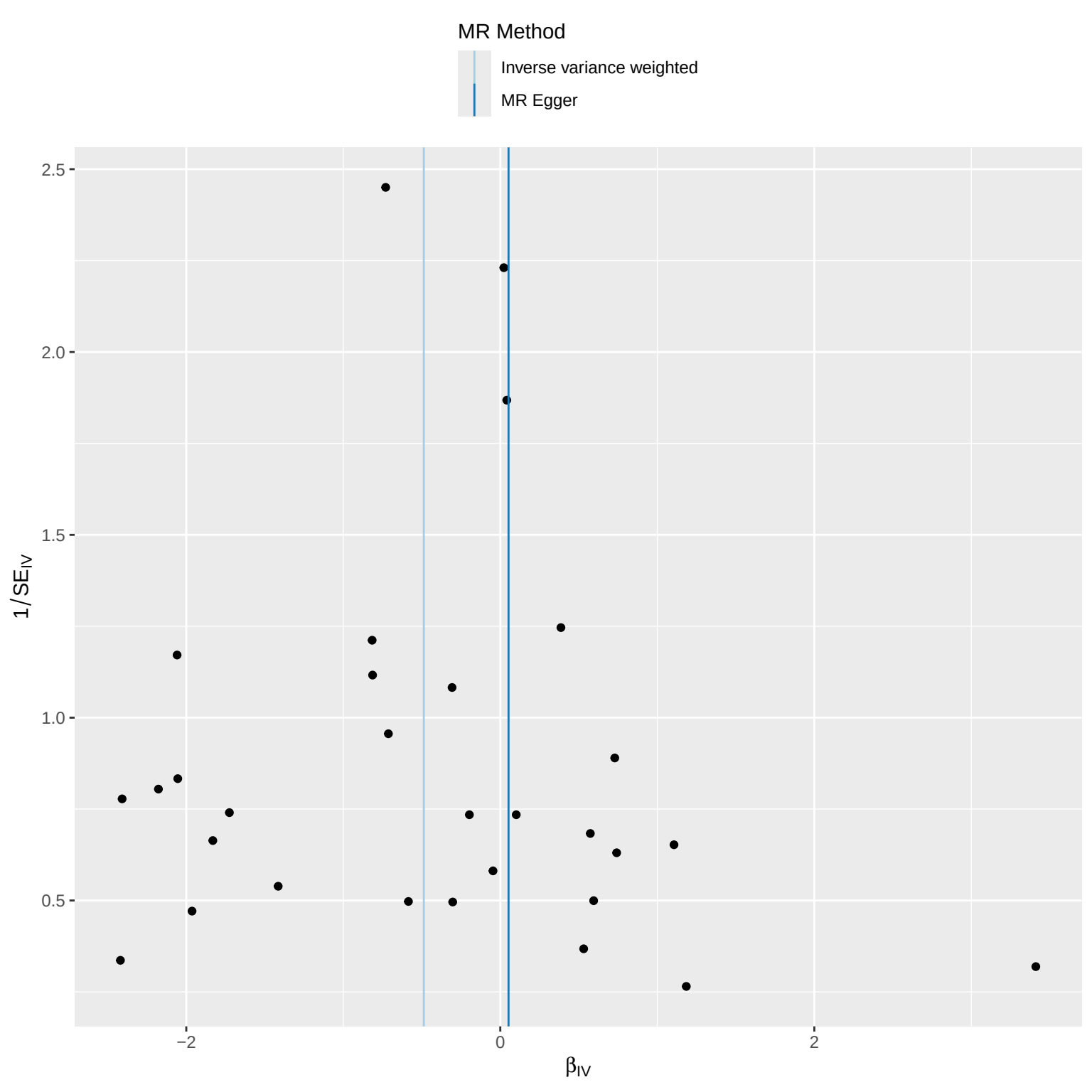

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

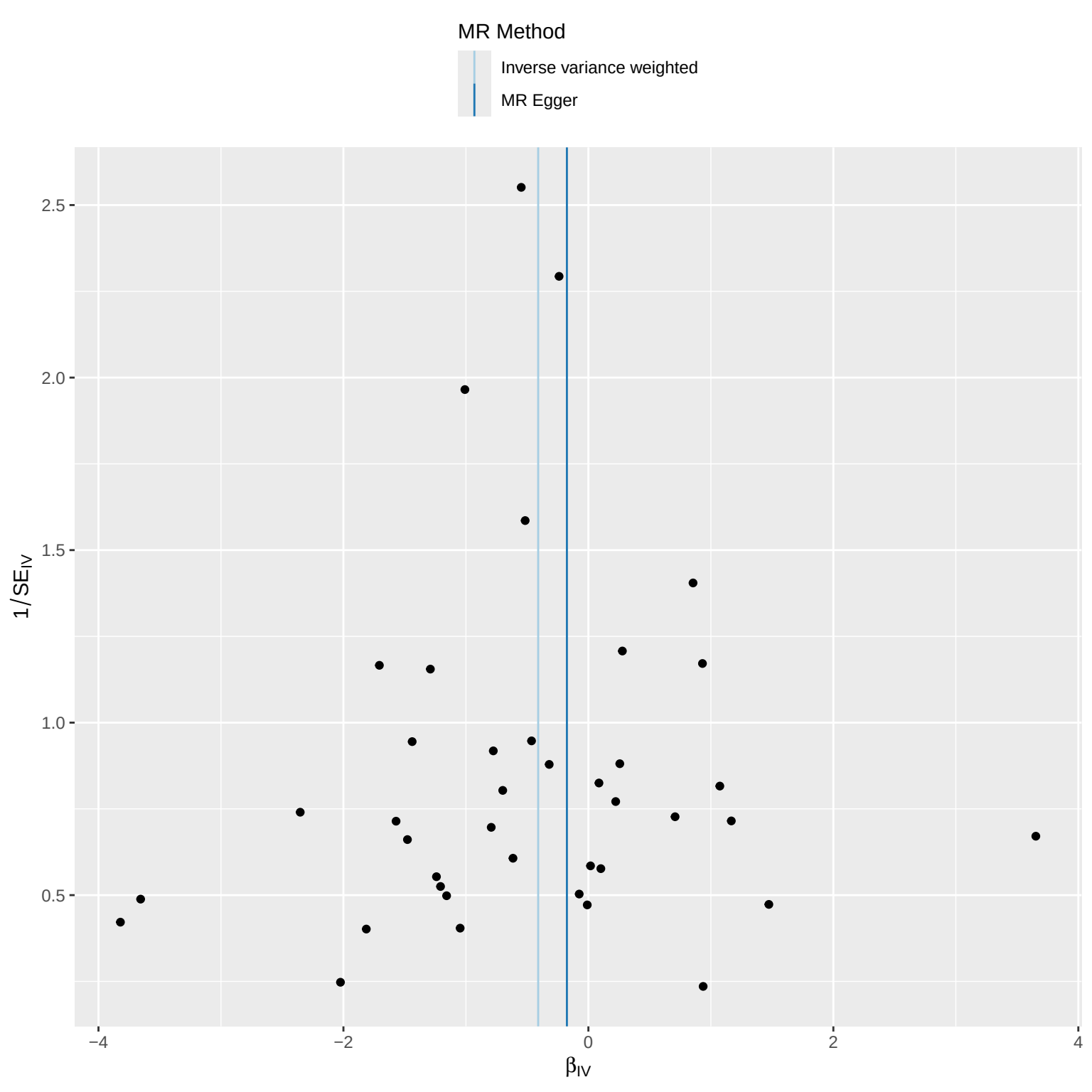

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

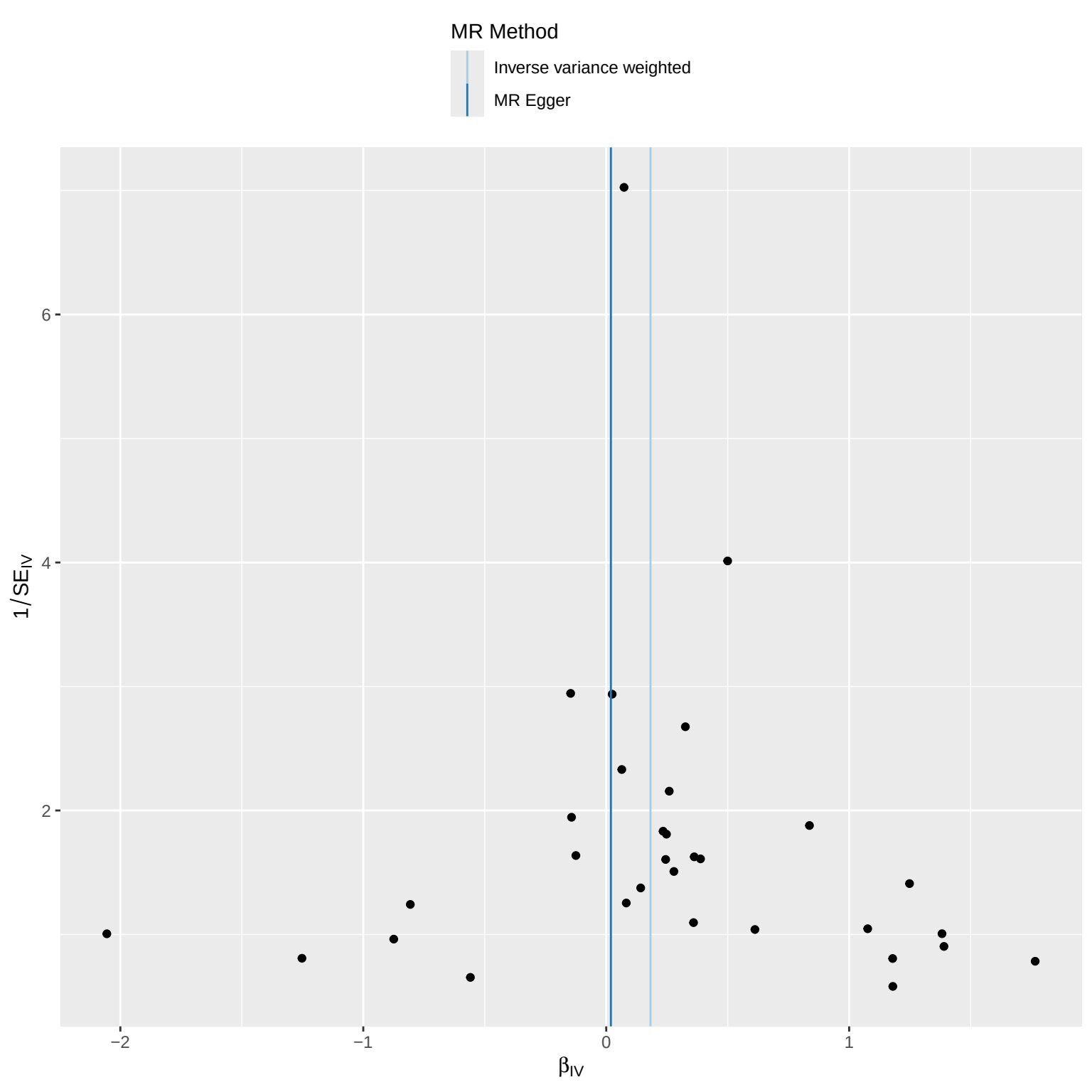

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
3
6
β_IV

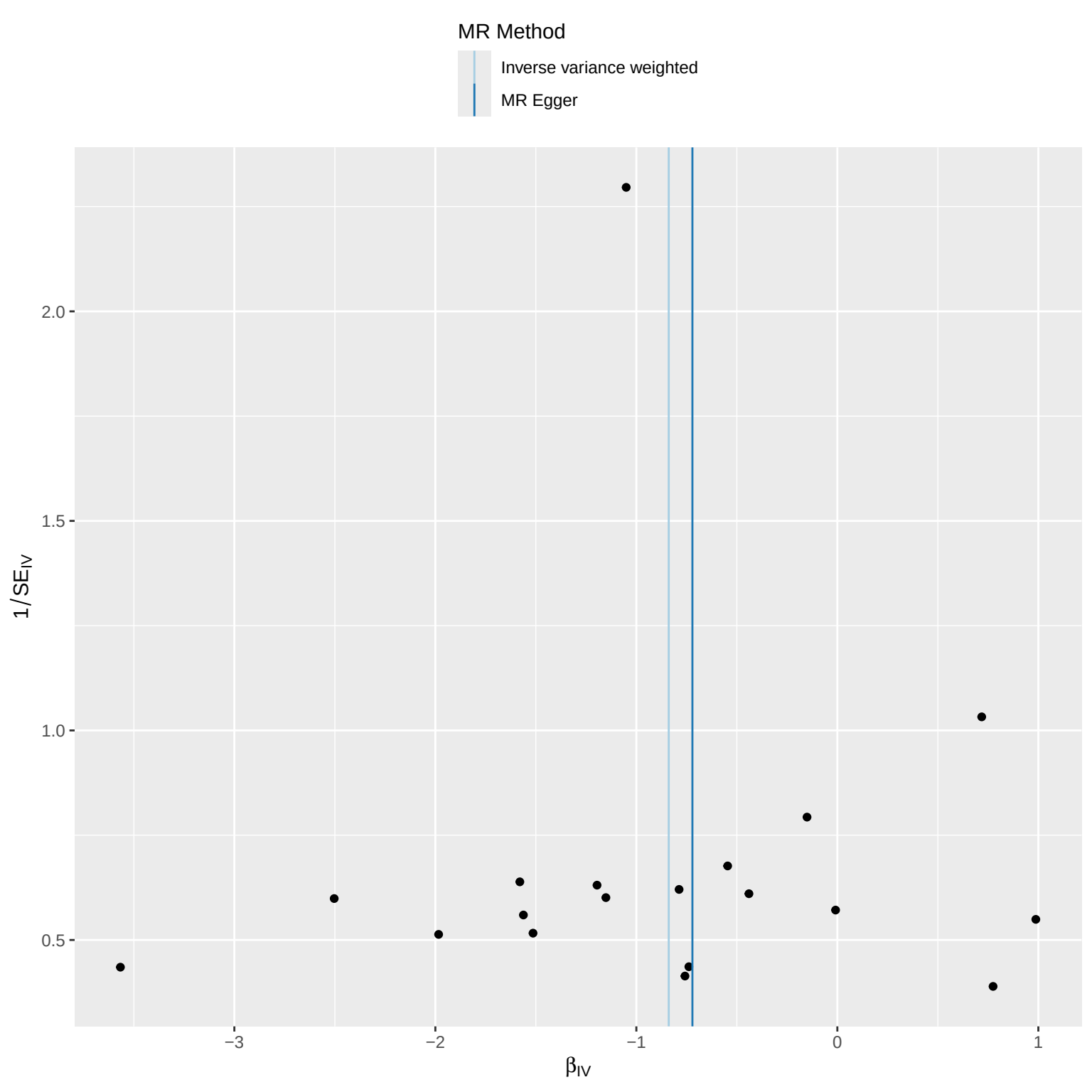

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

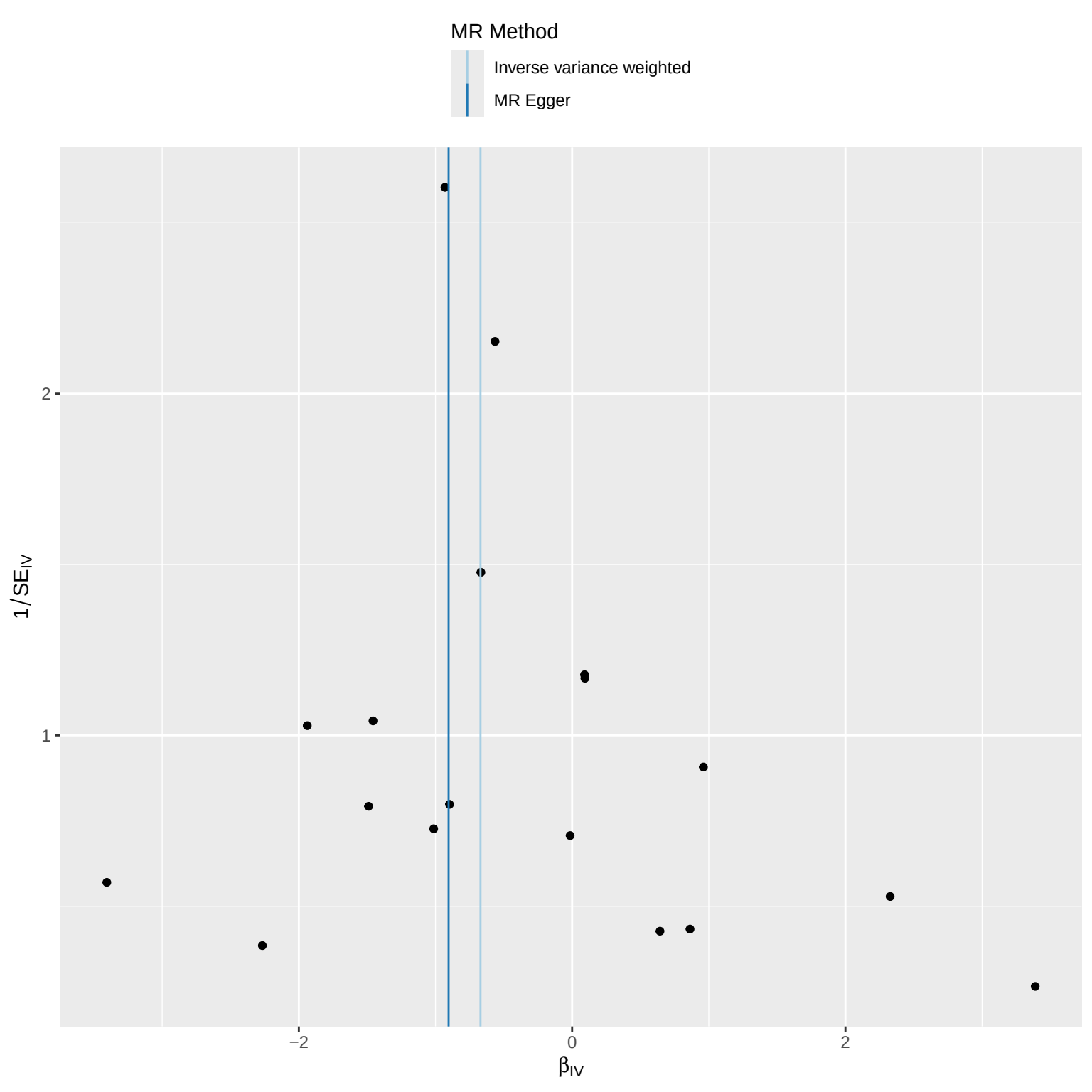

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

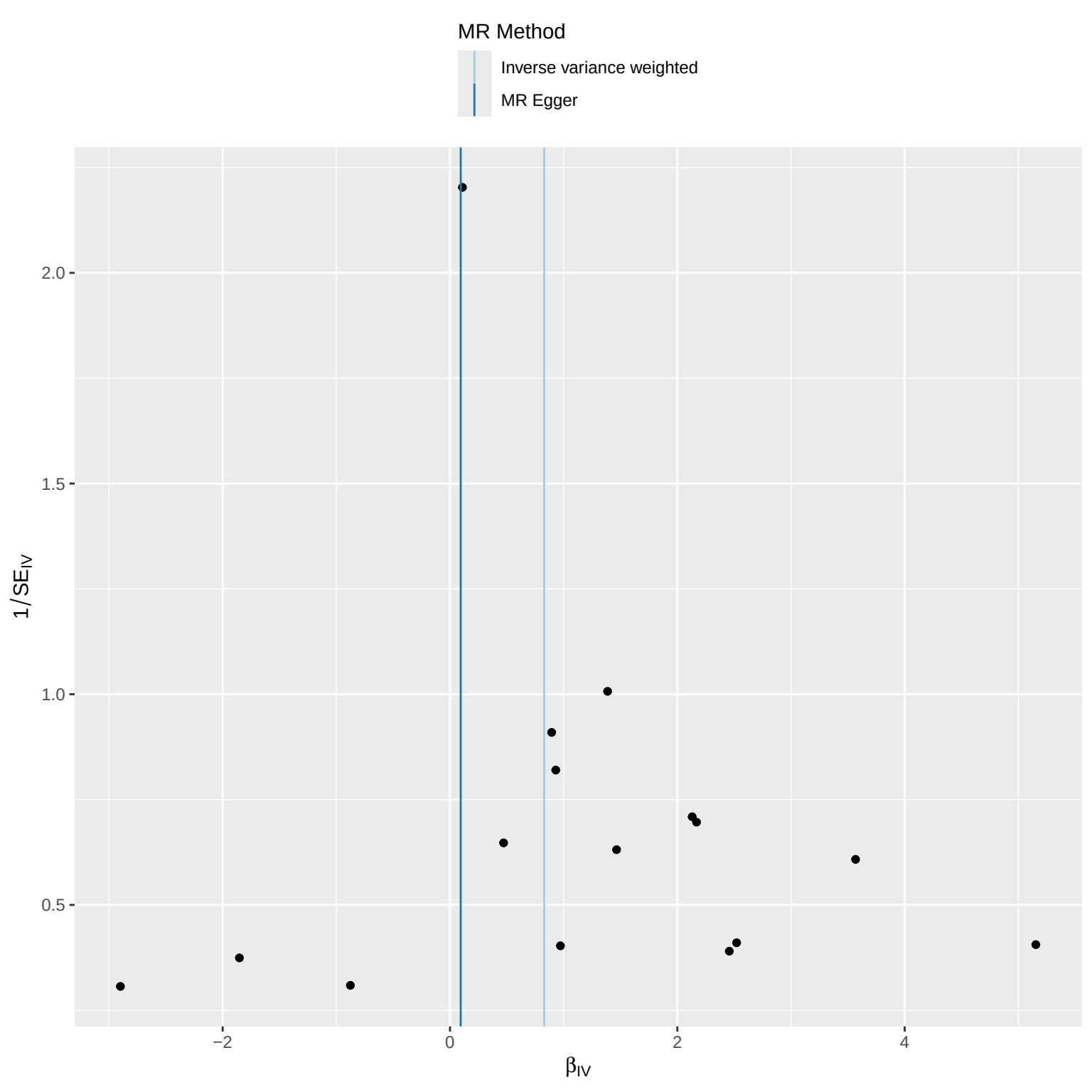

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

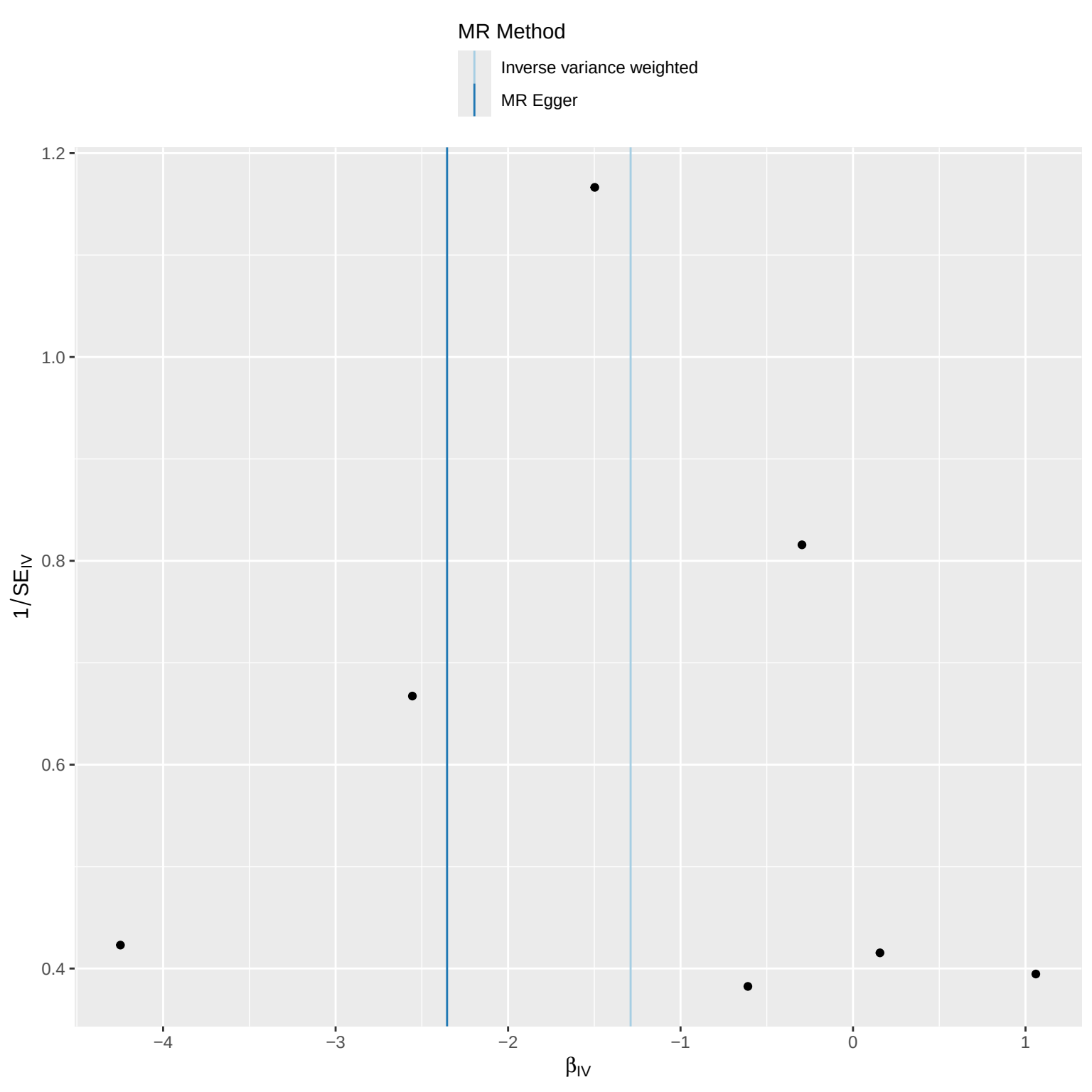

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

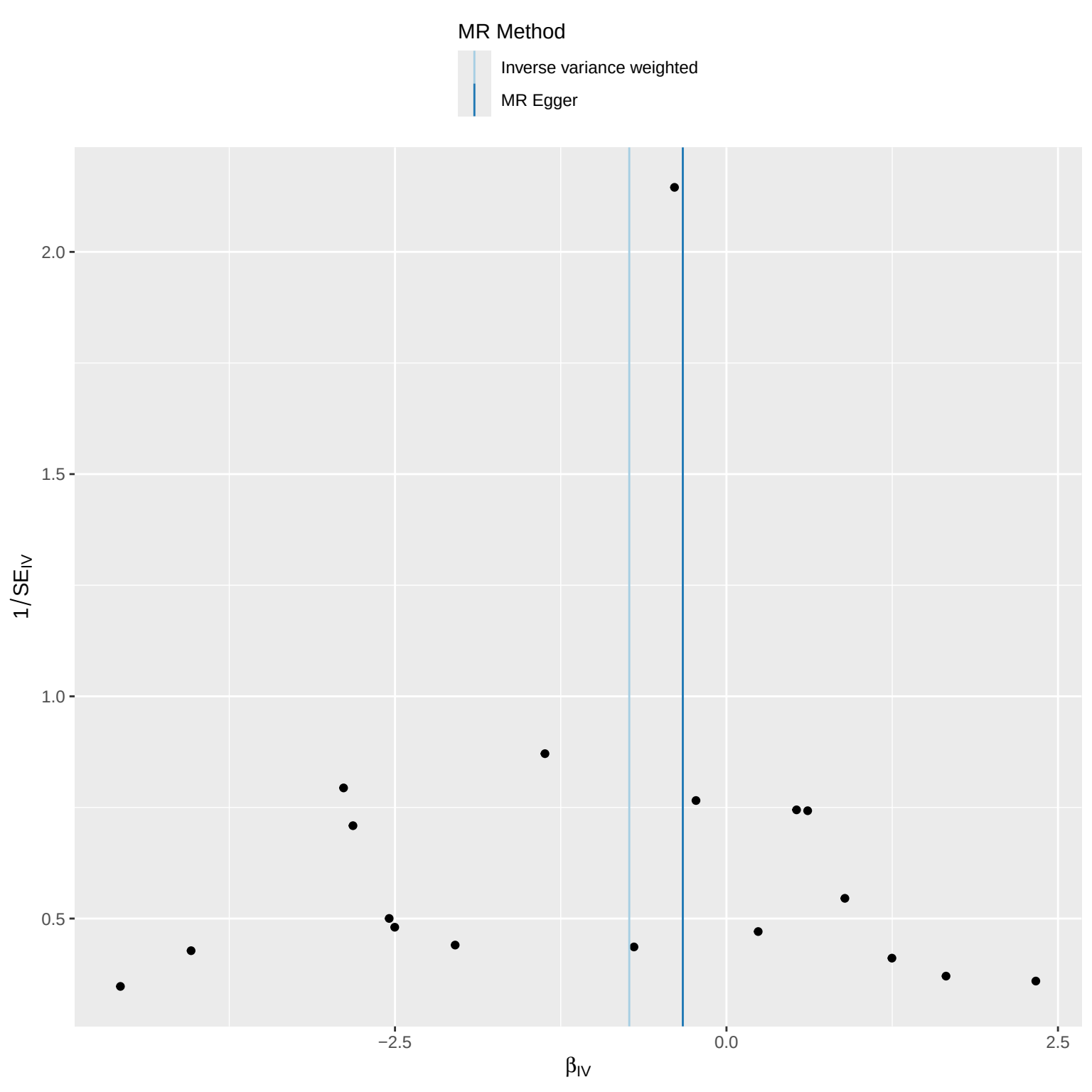

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

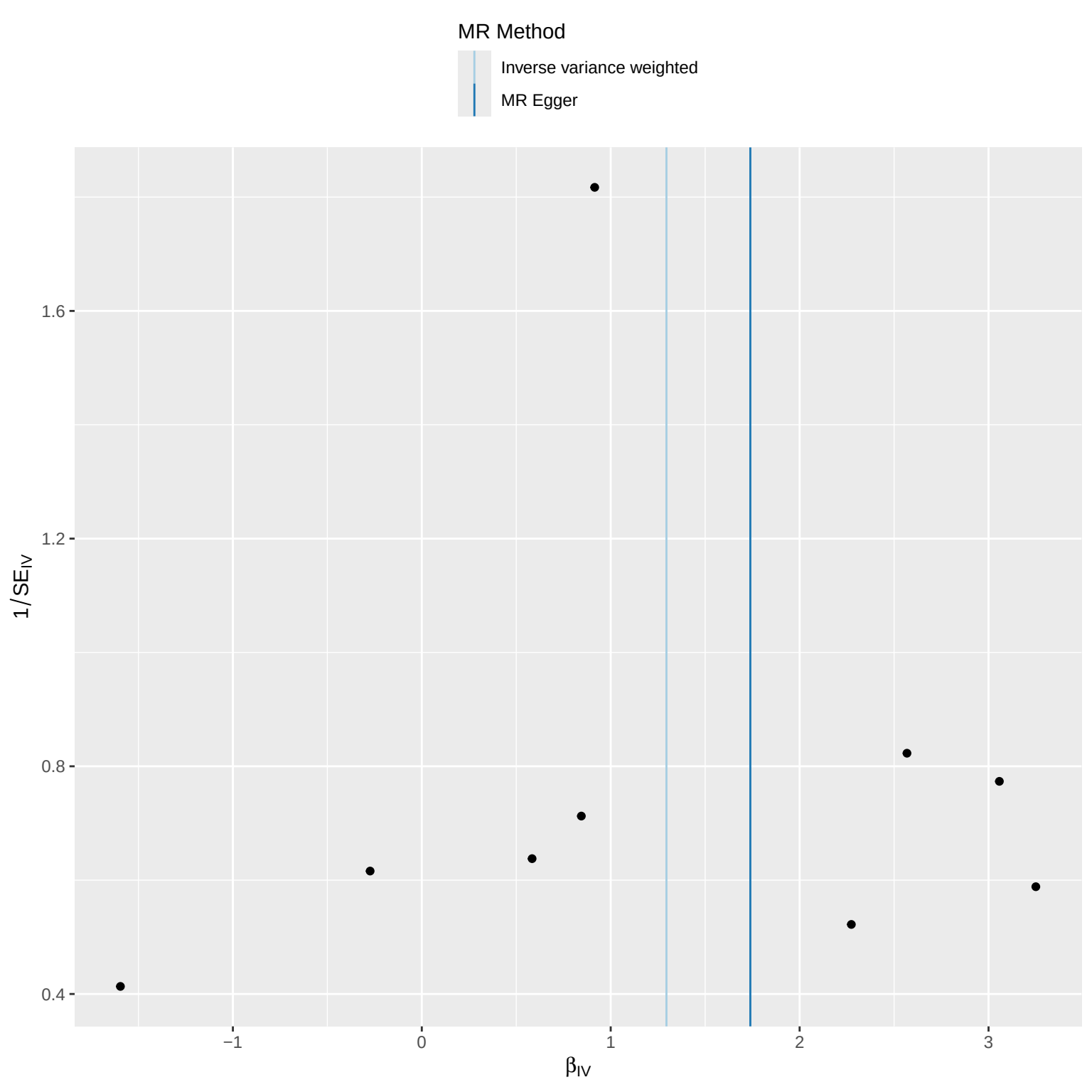

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

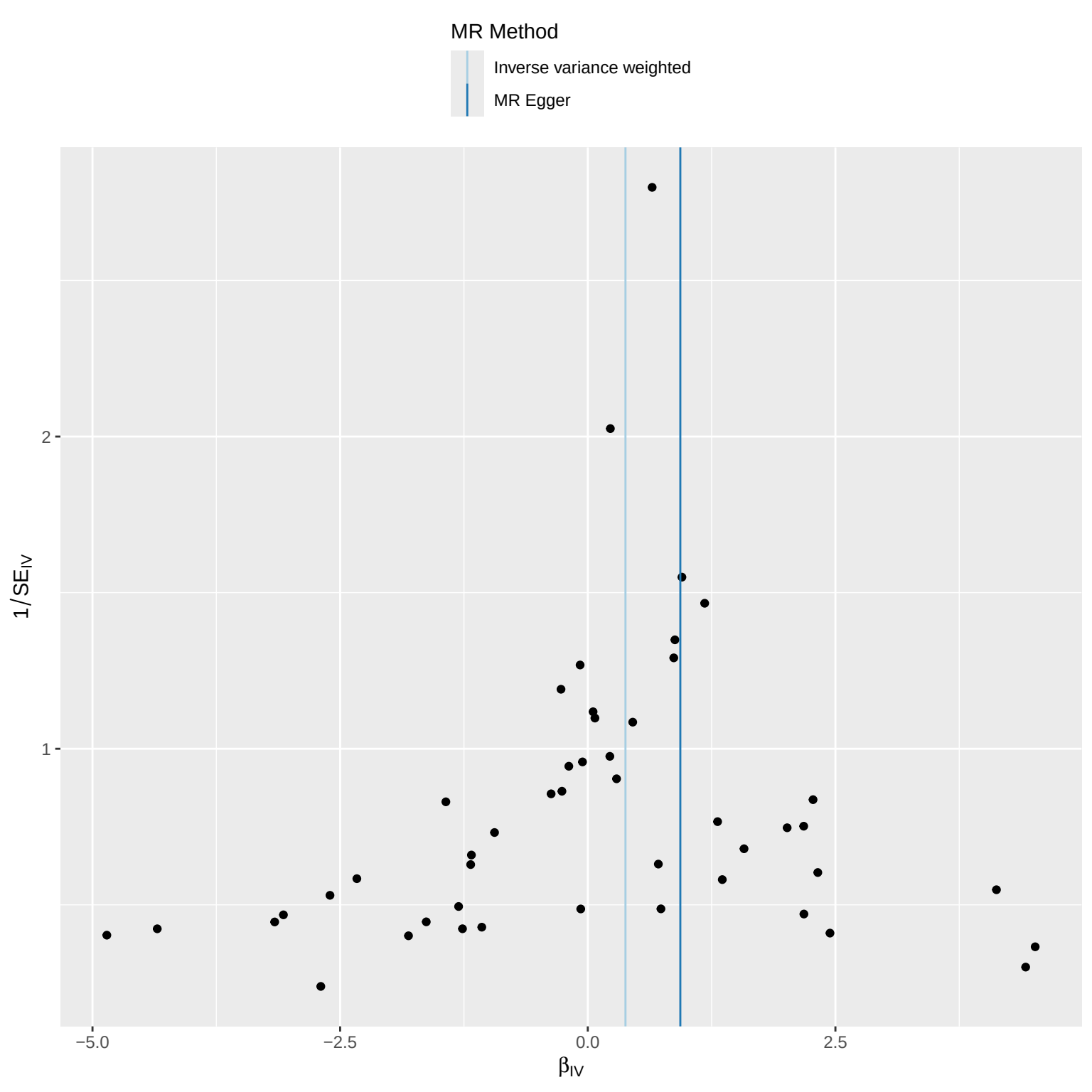

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

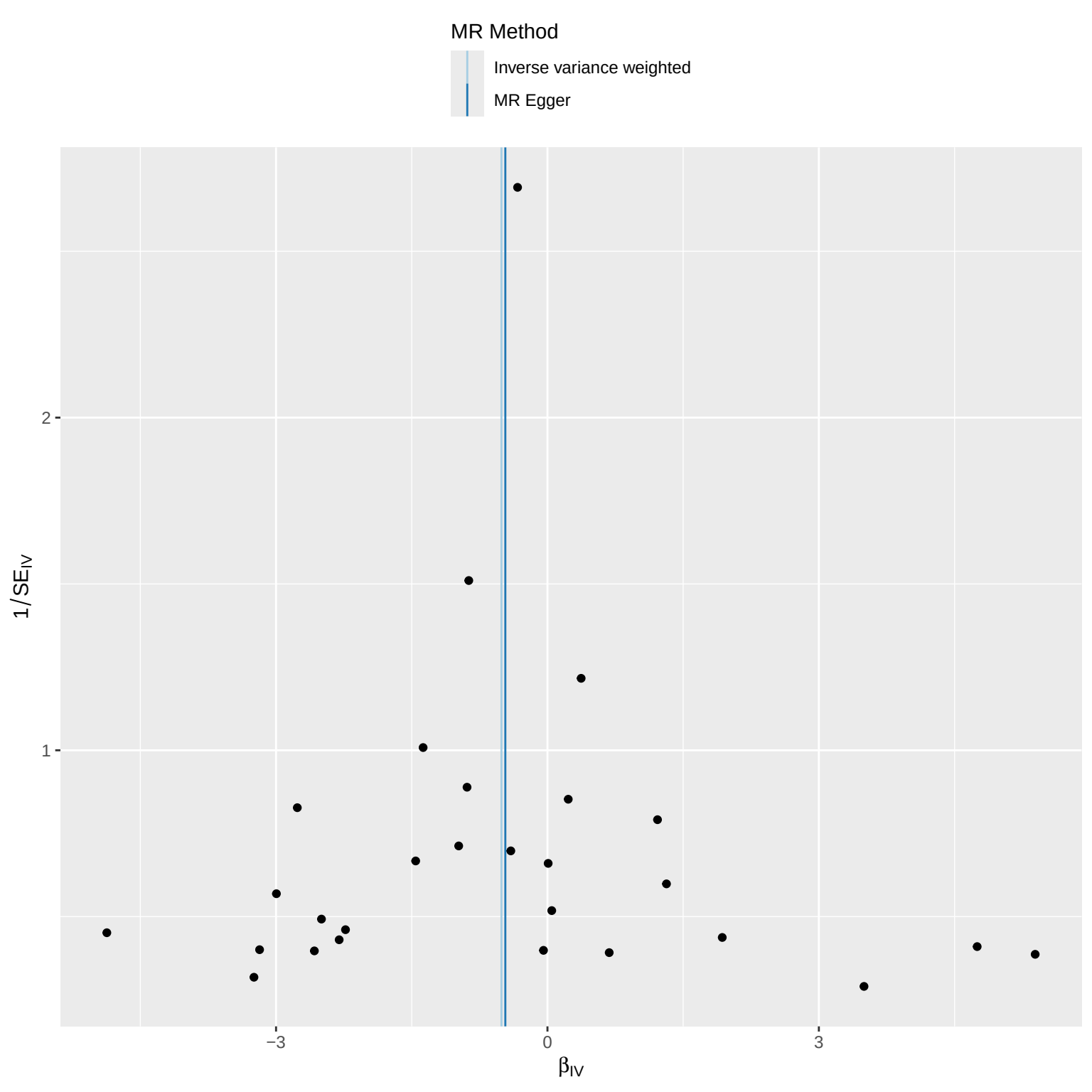

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

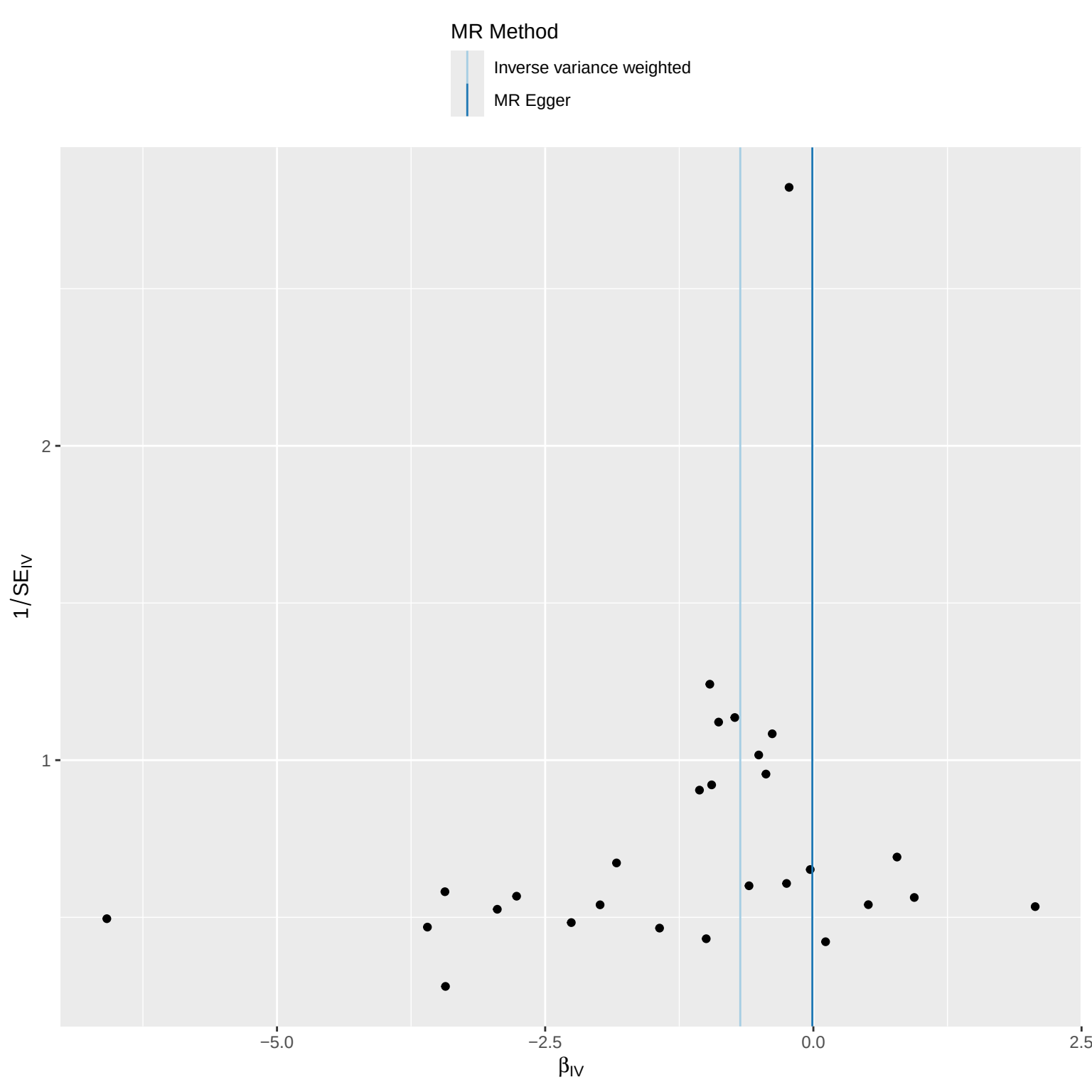

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

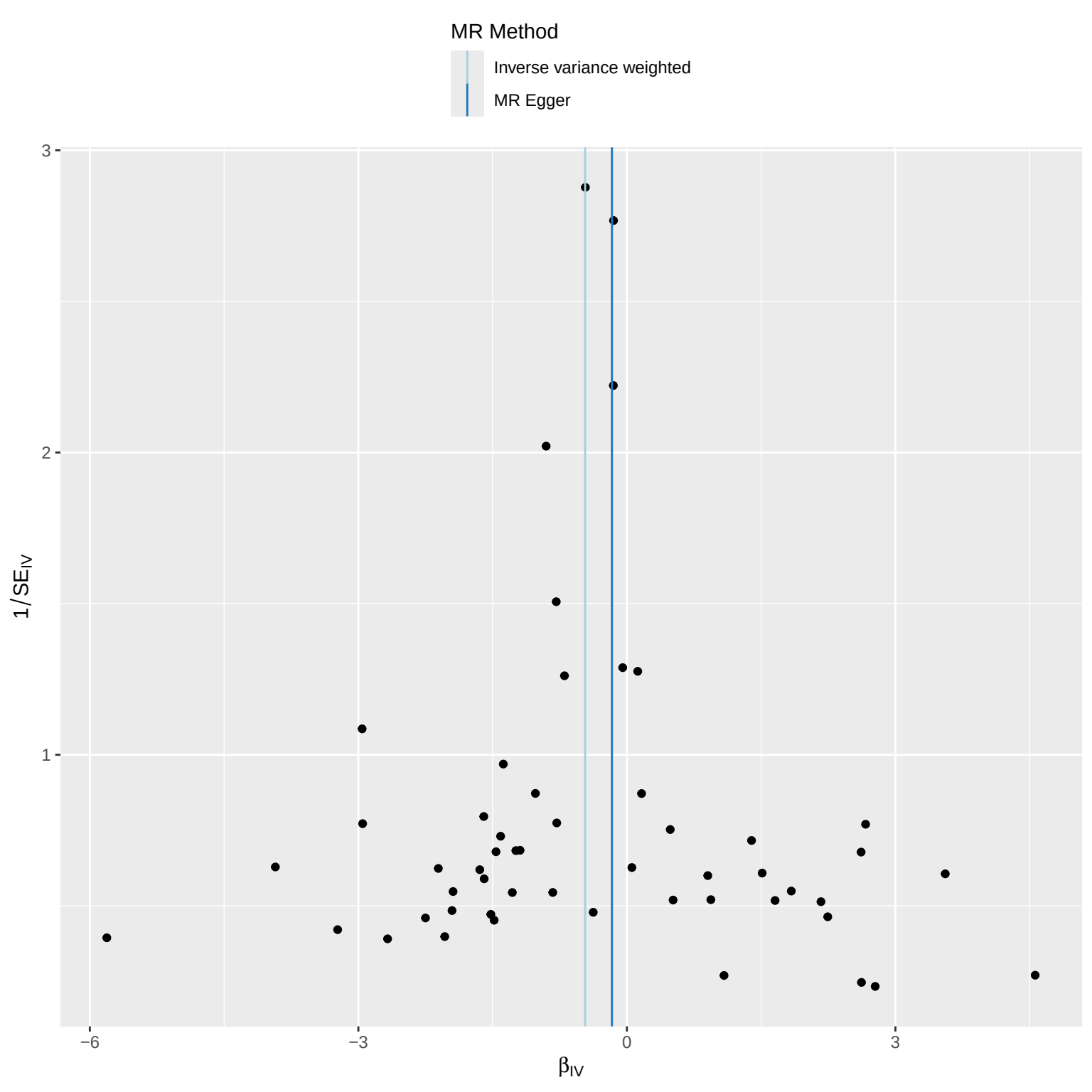

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

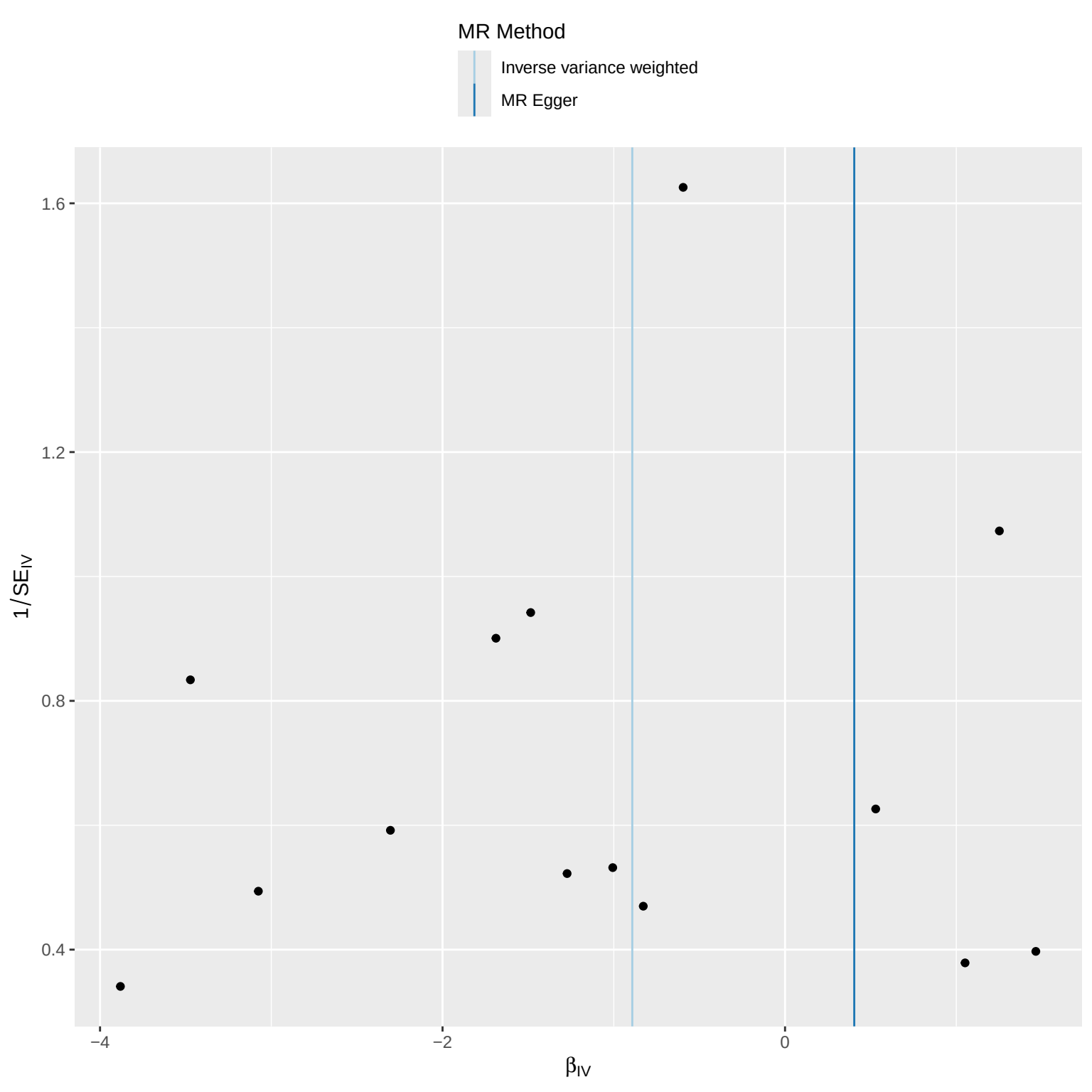

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
β_IV

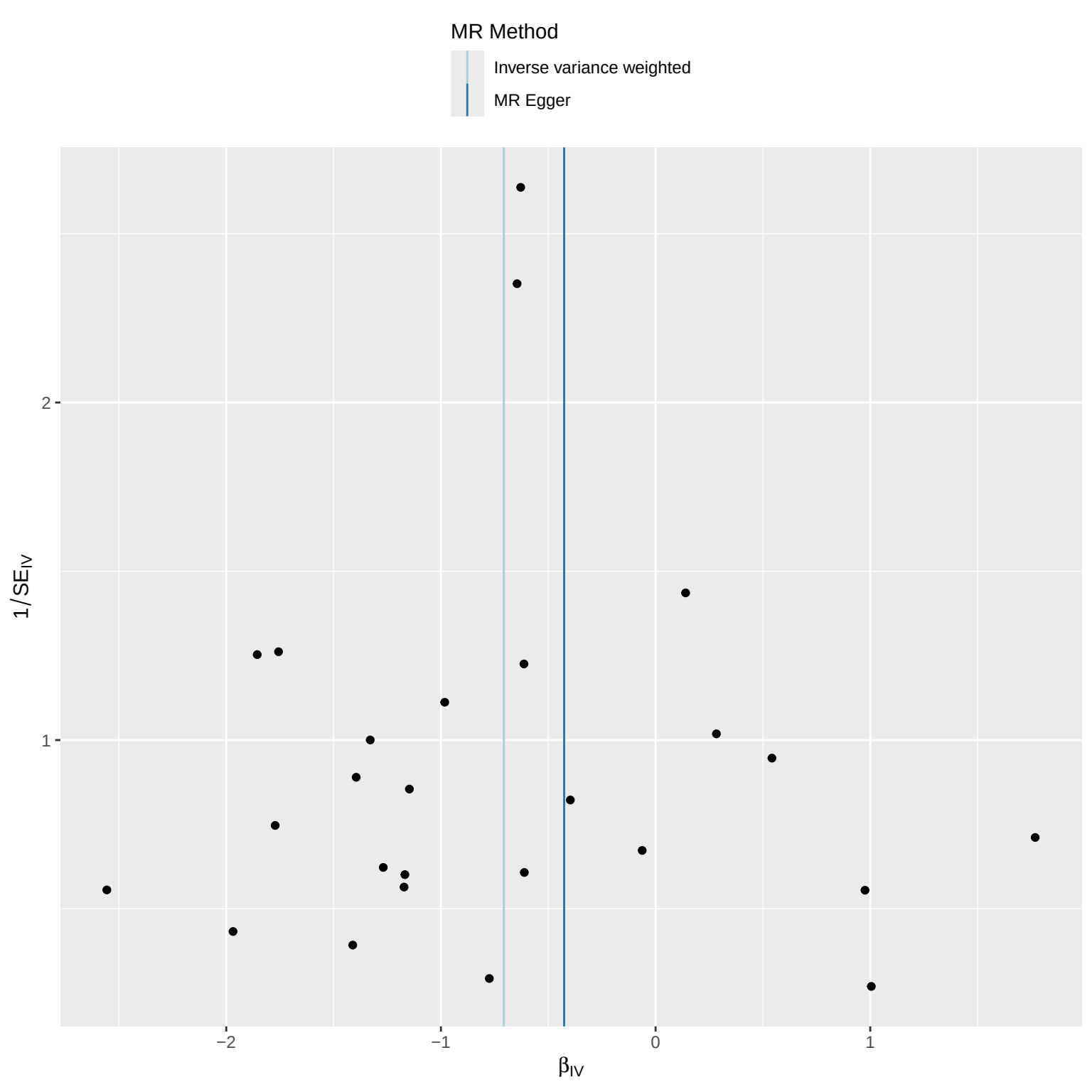

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

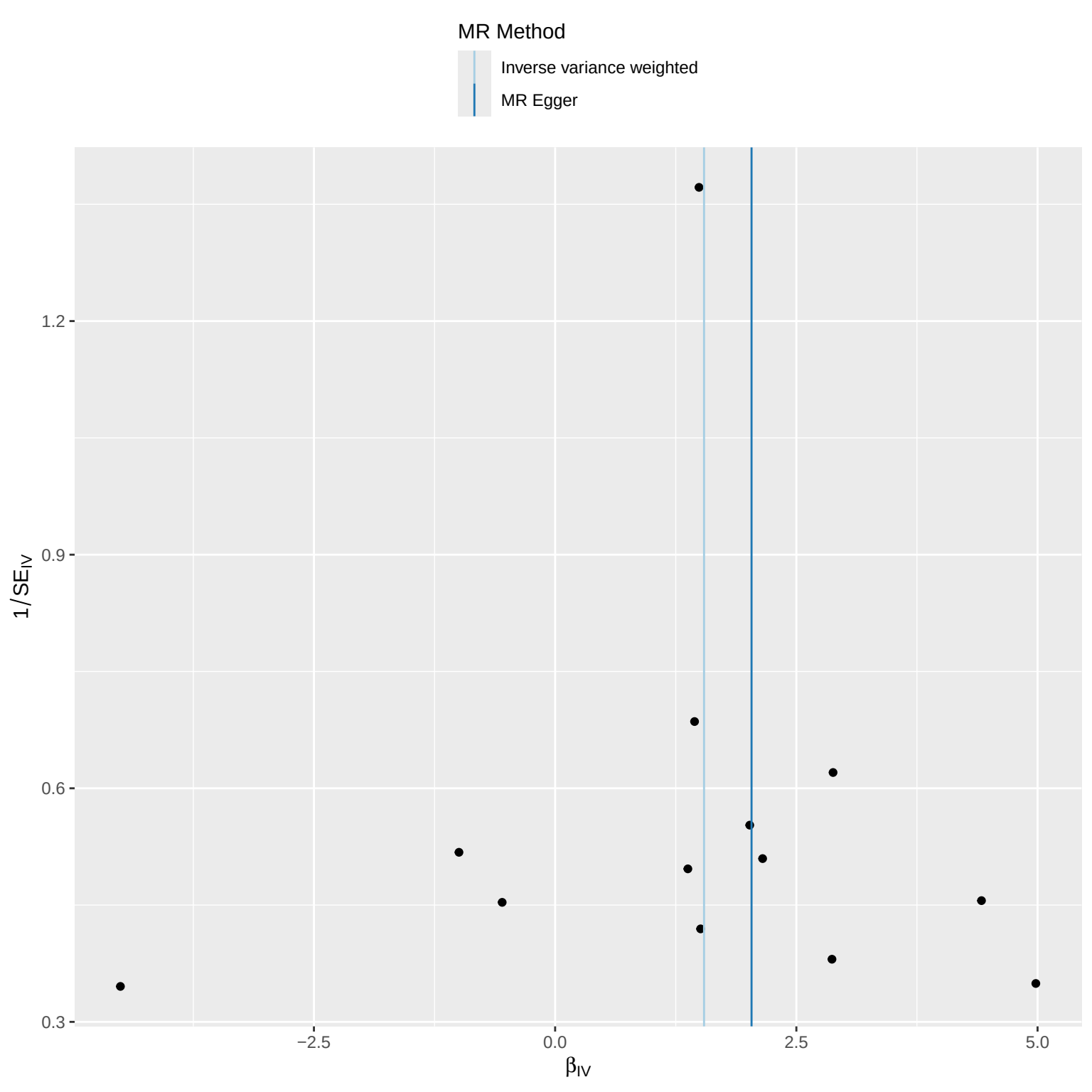

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
0
3
β_IV

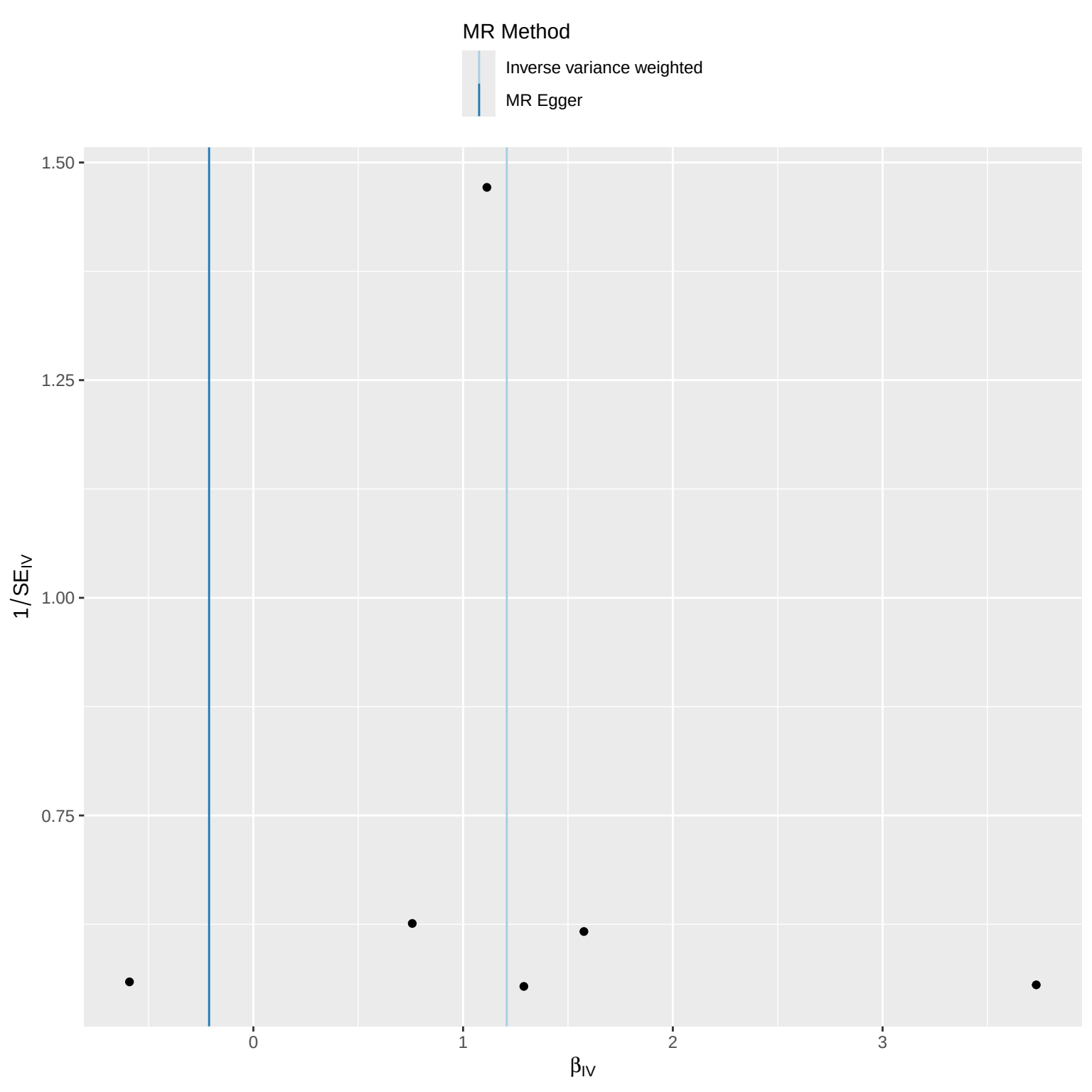

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

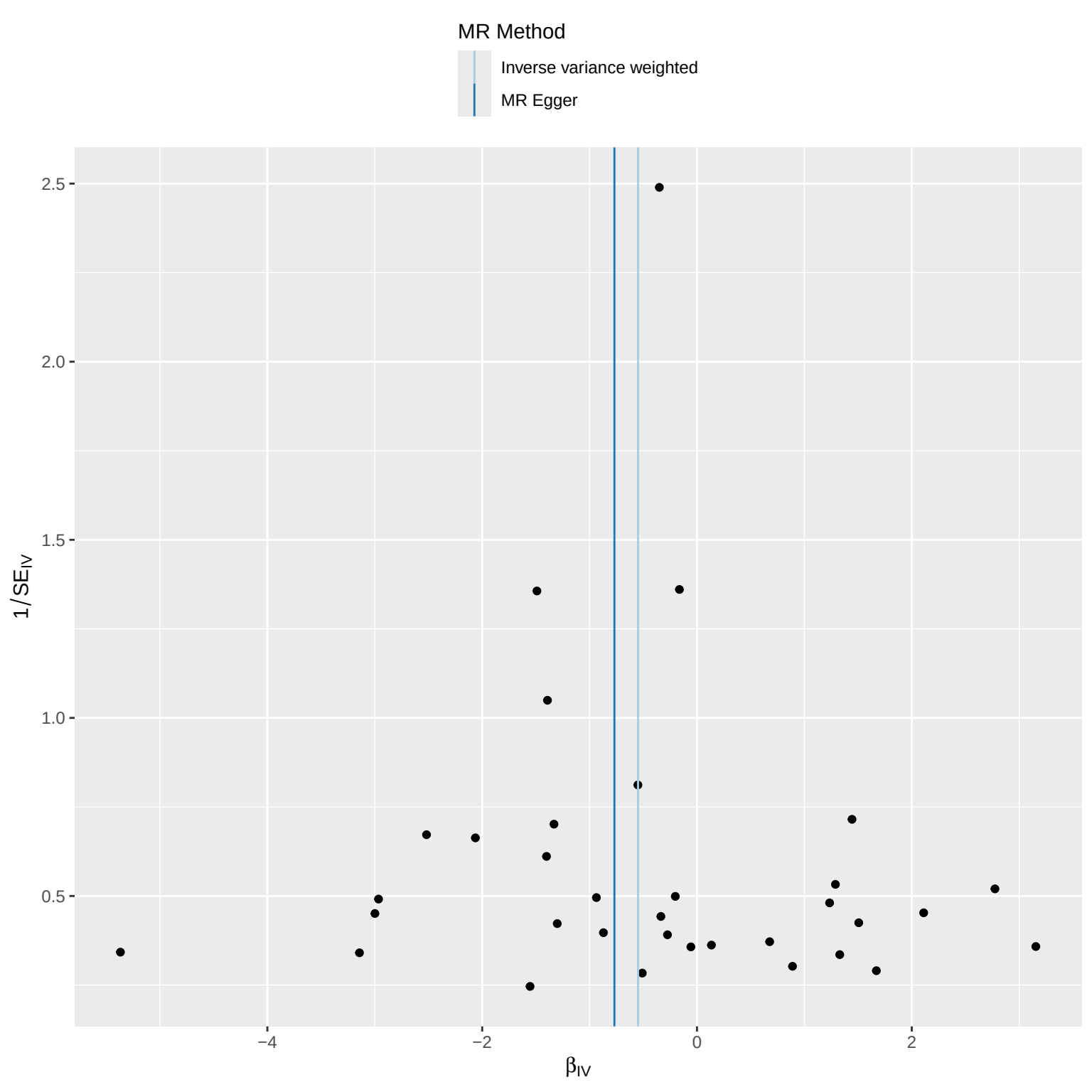

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
3
β_IV

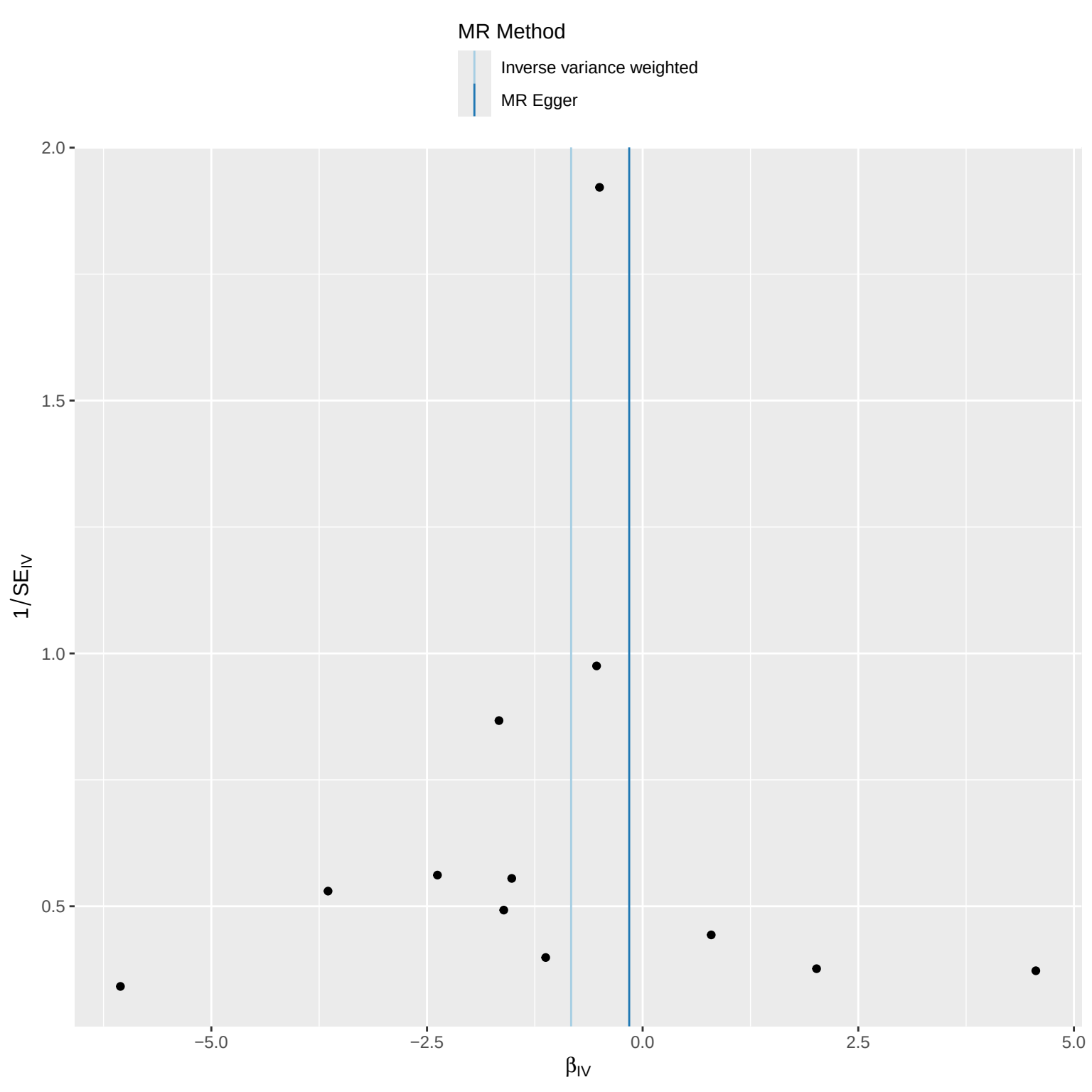

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
β_IV

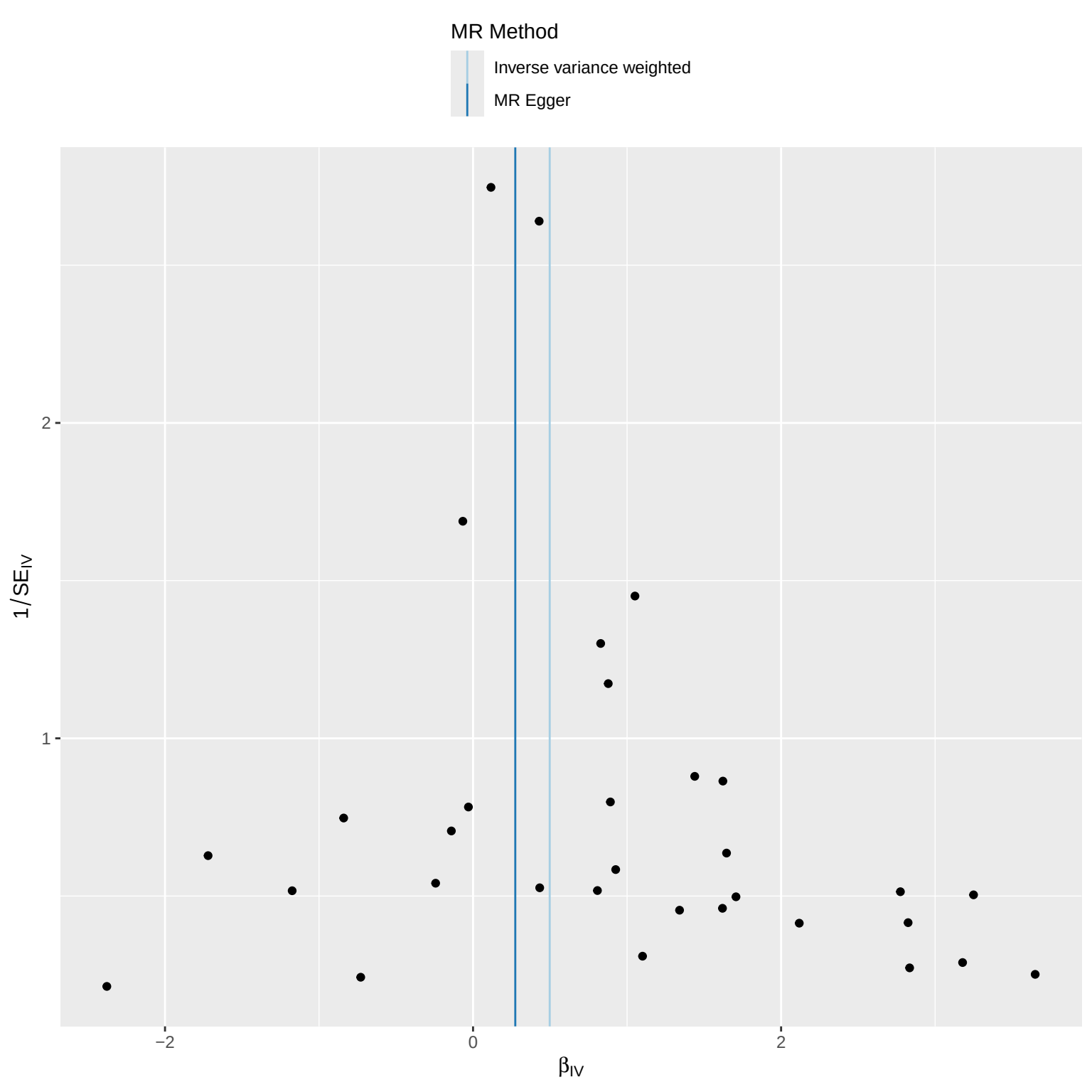

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

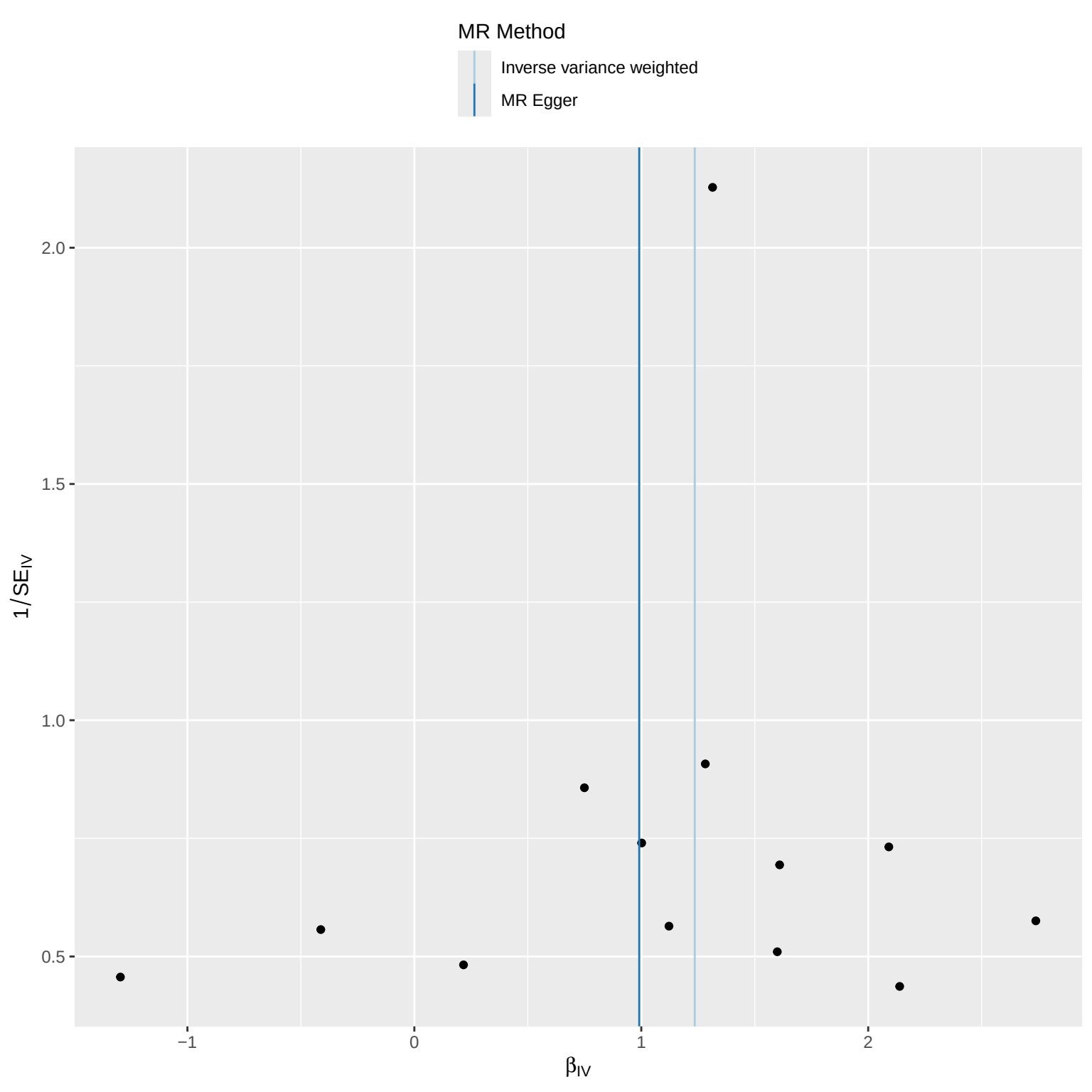

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

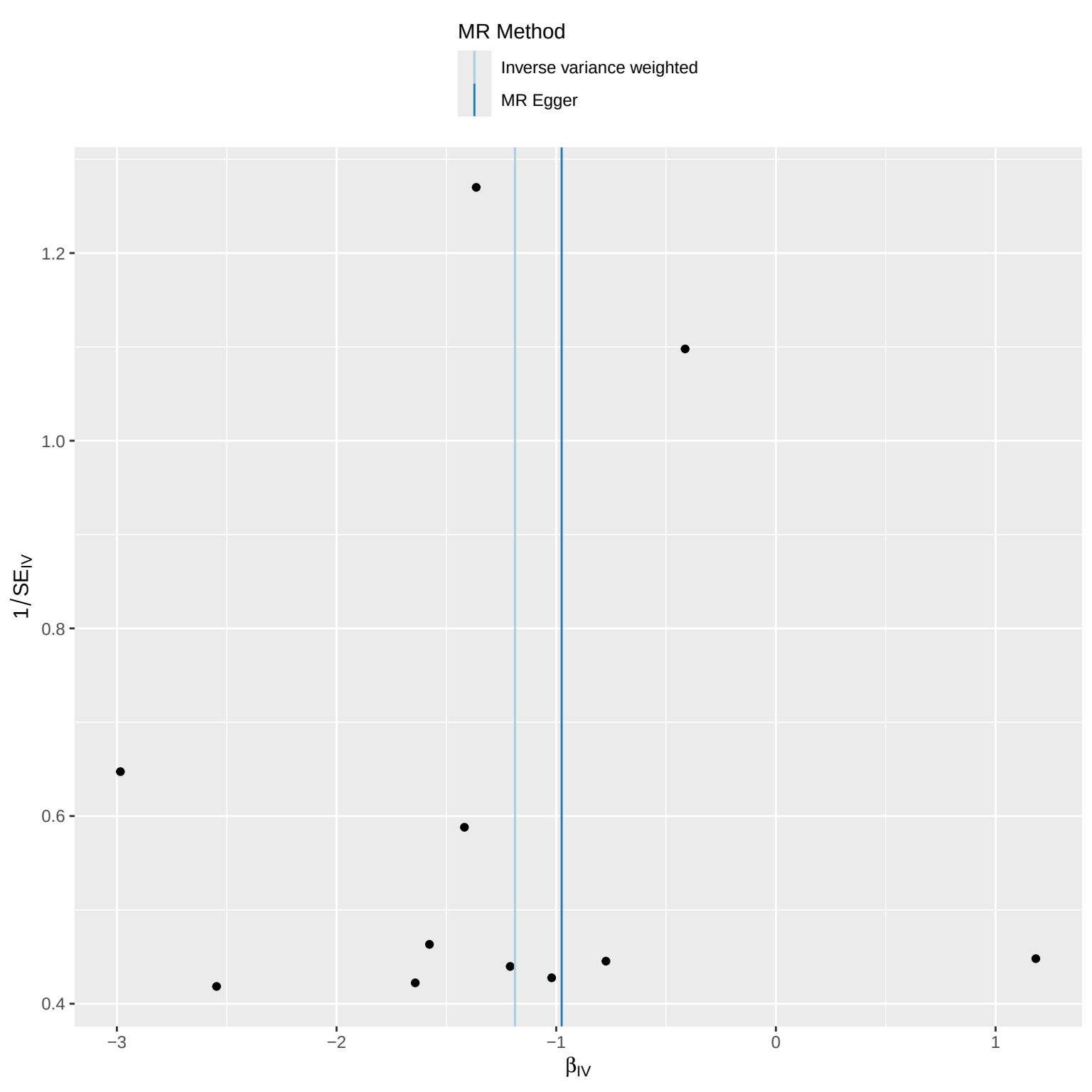

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0
1
2
3
β_IV

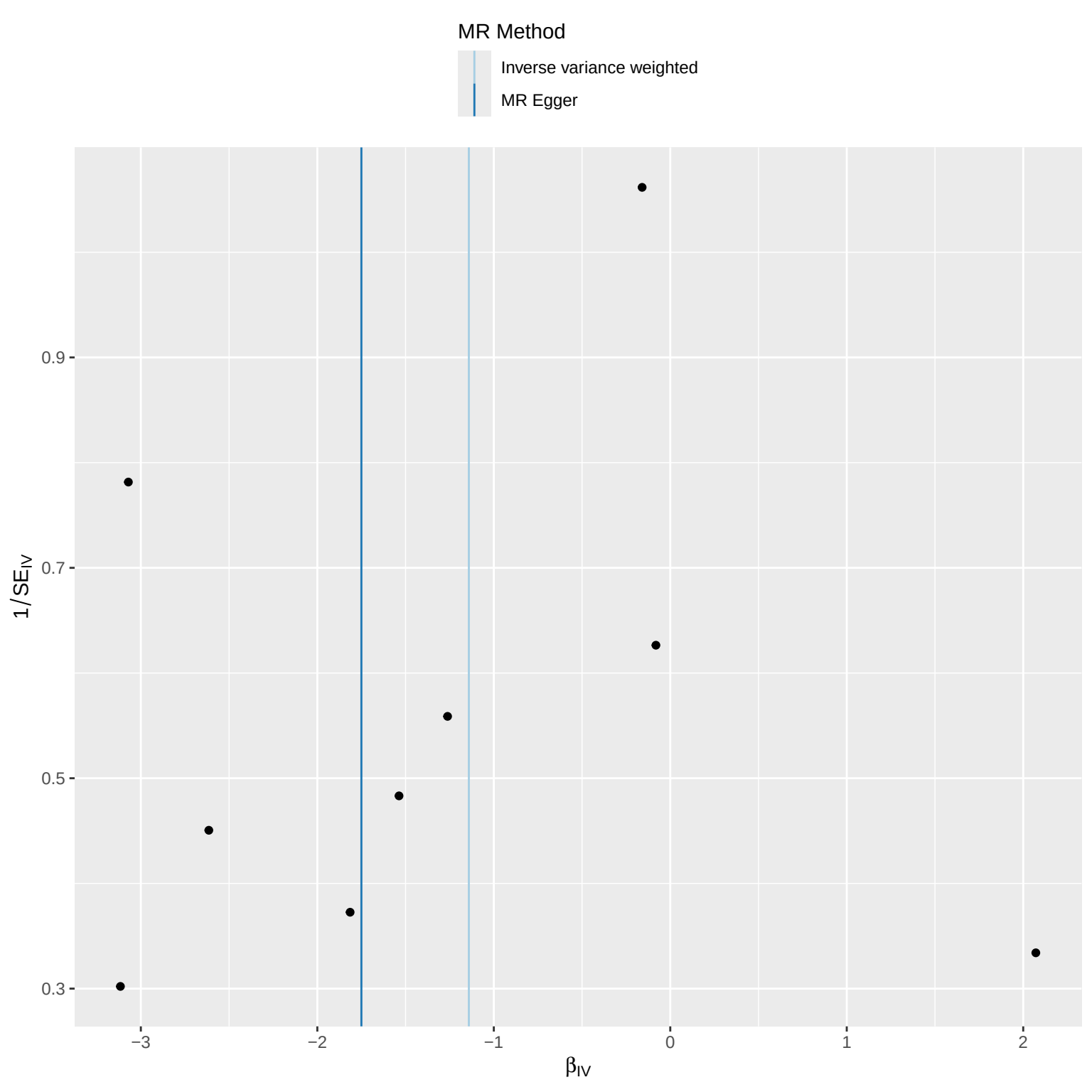

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

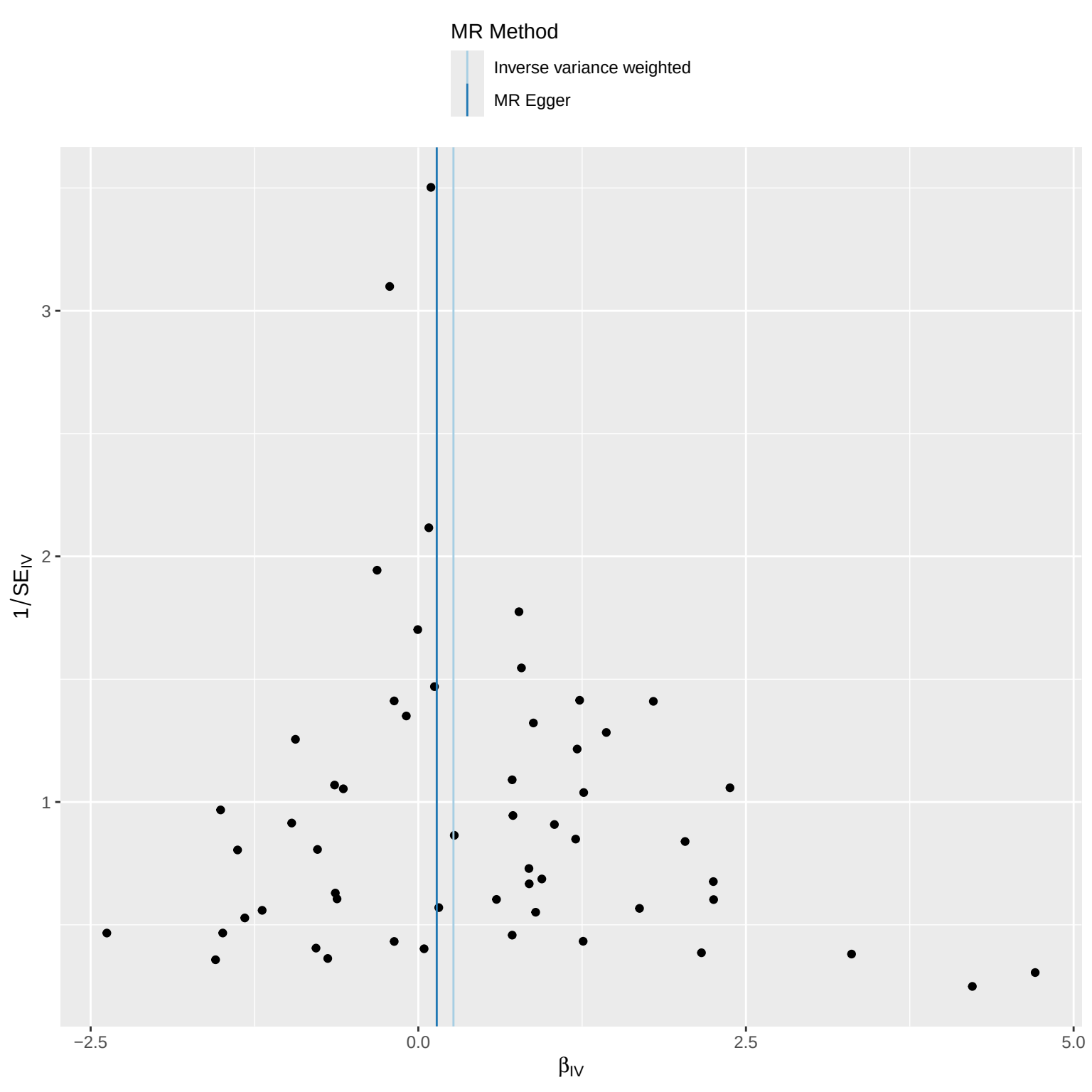

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

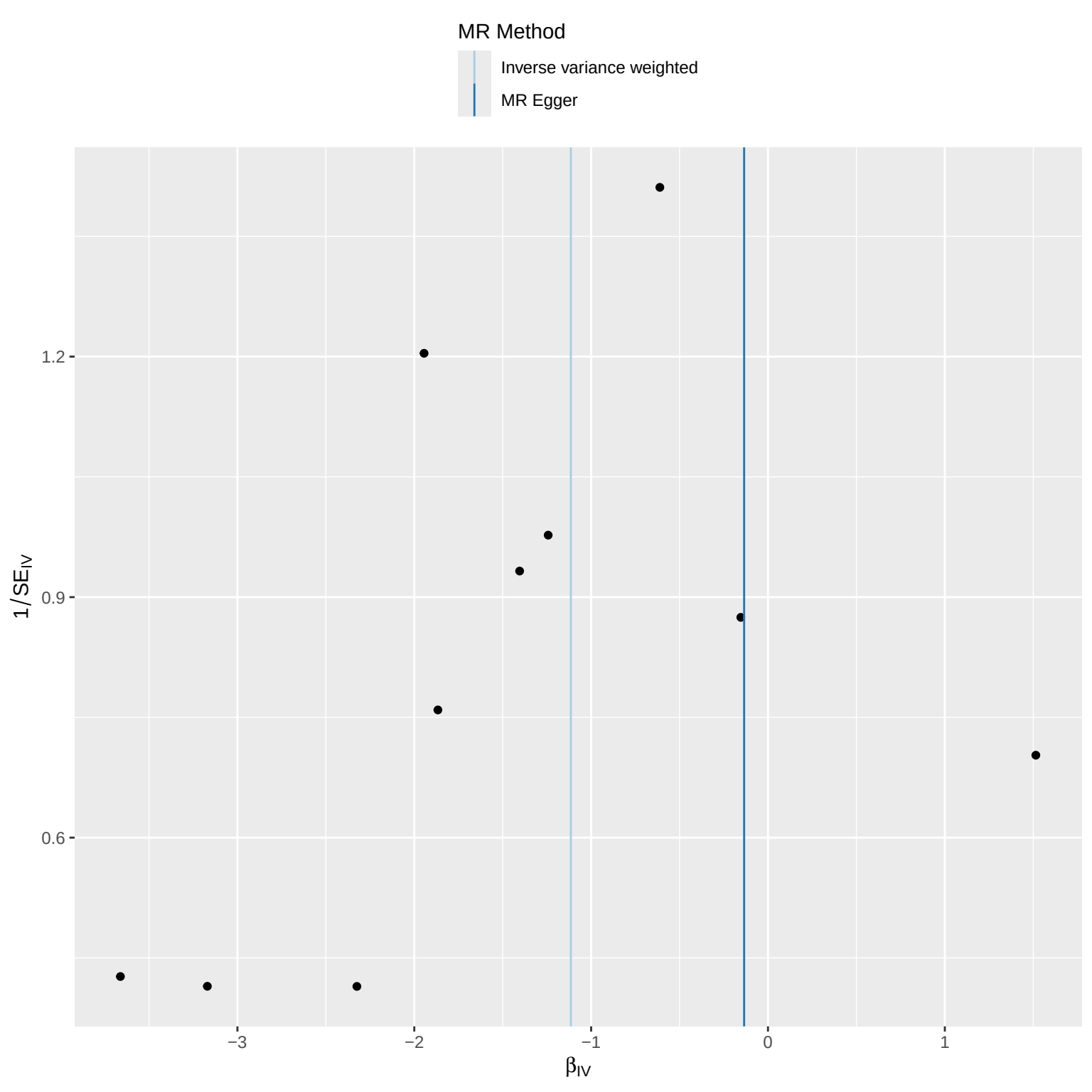

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

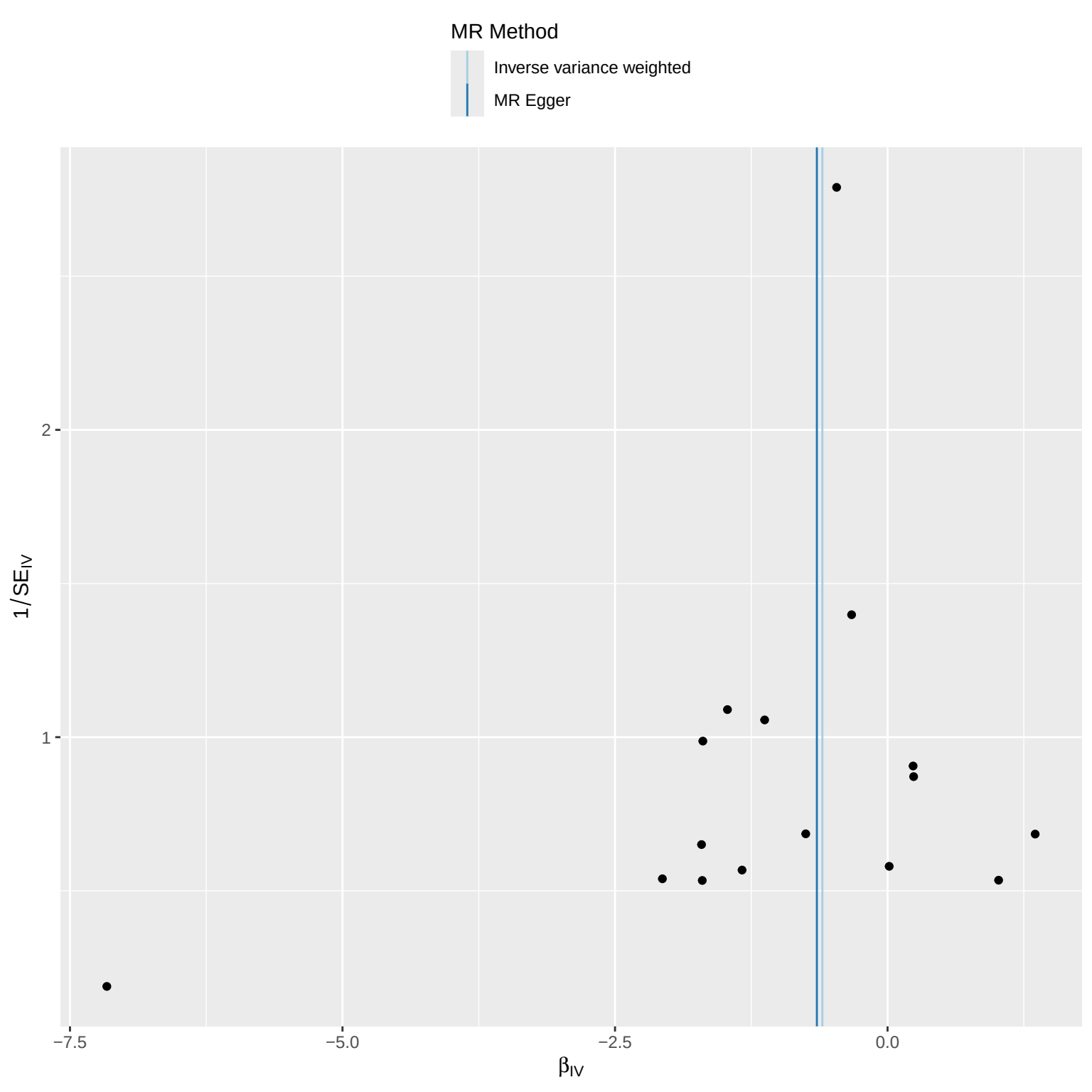

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

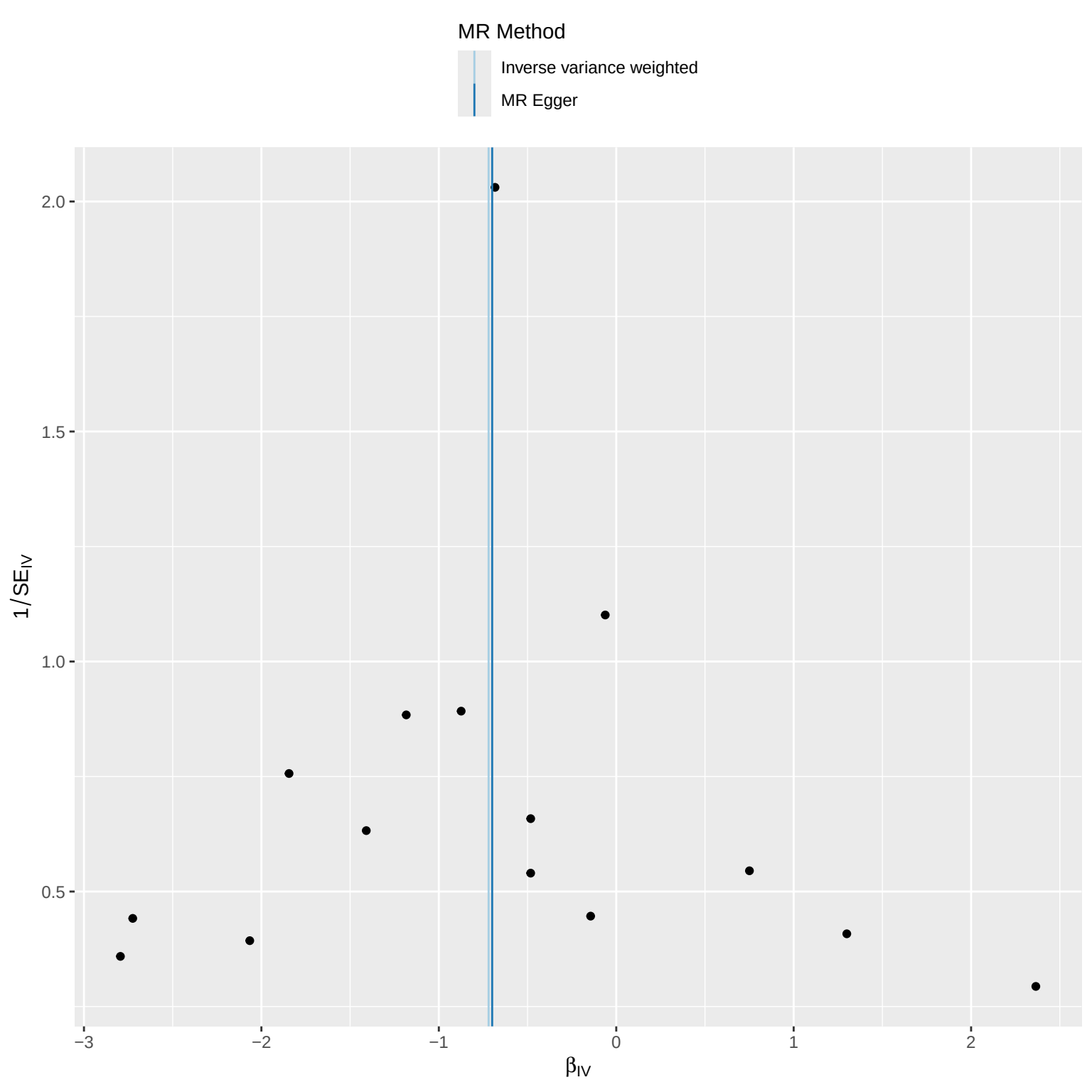

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

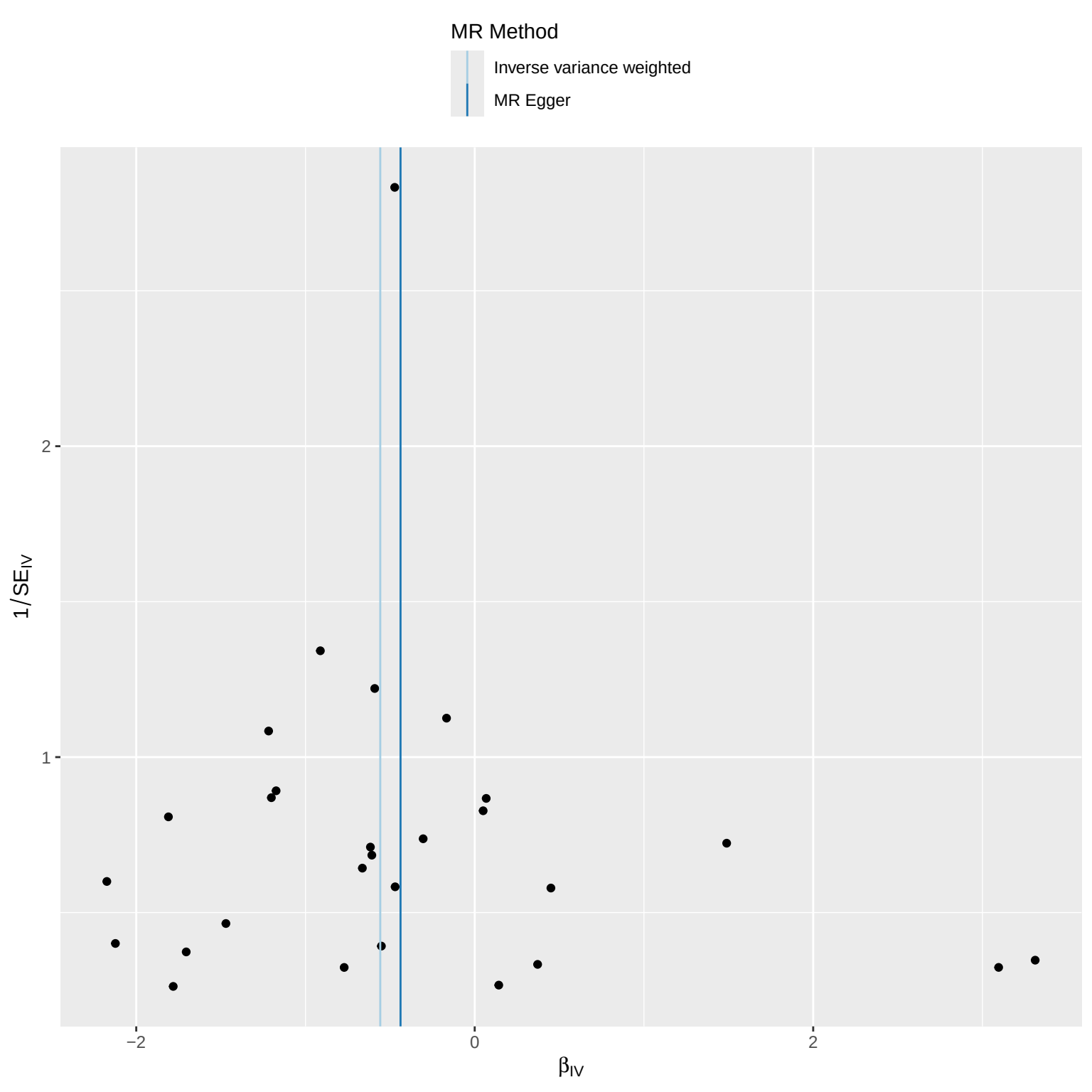

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
0.3
1/SE_IV
−3
−2
−1
0
1
2
β_IV

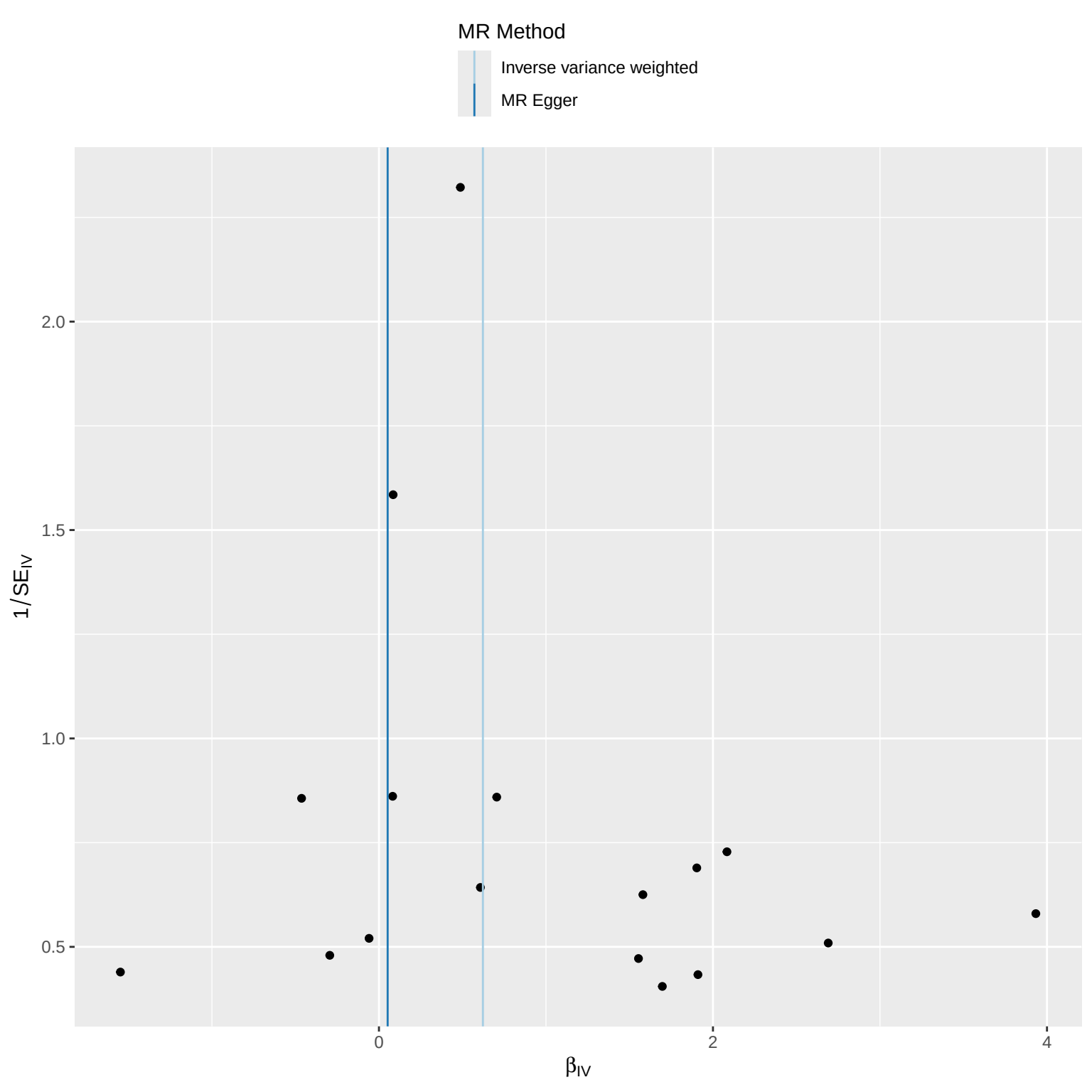

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

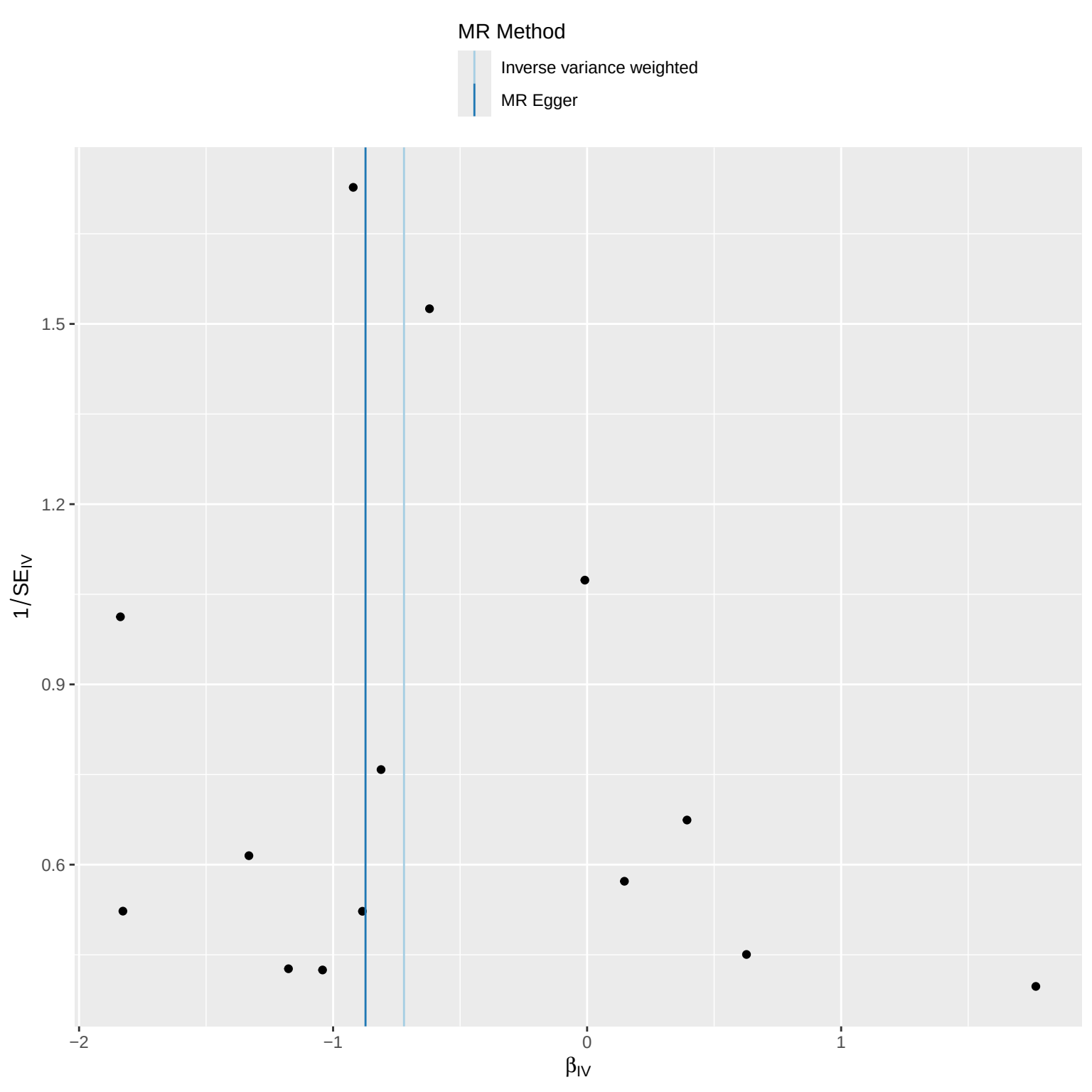

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

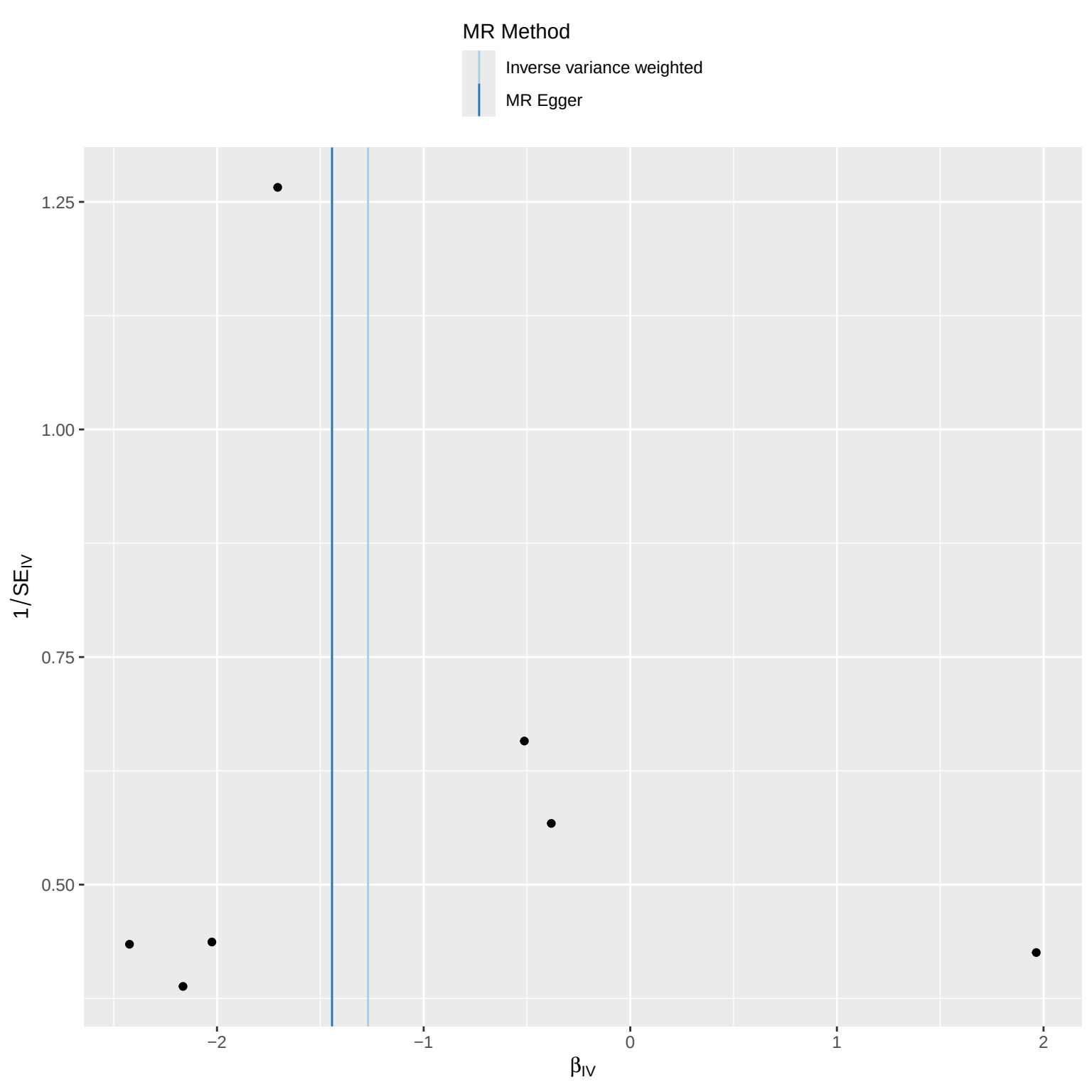

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−7.5
−5.0
−2.5
0.0
β_IV

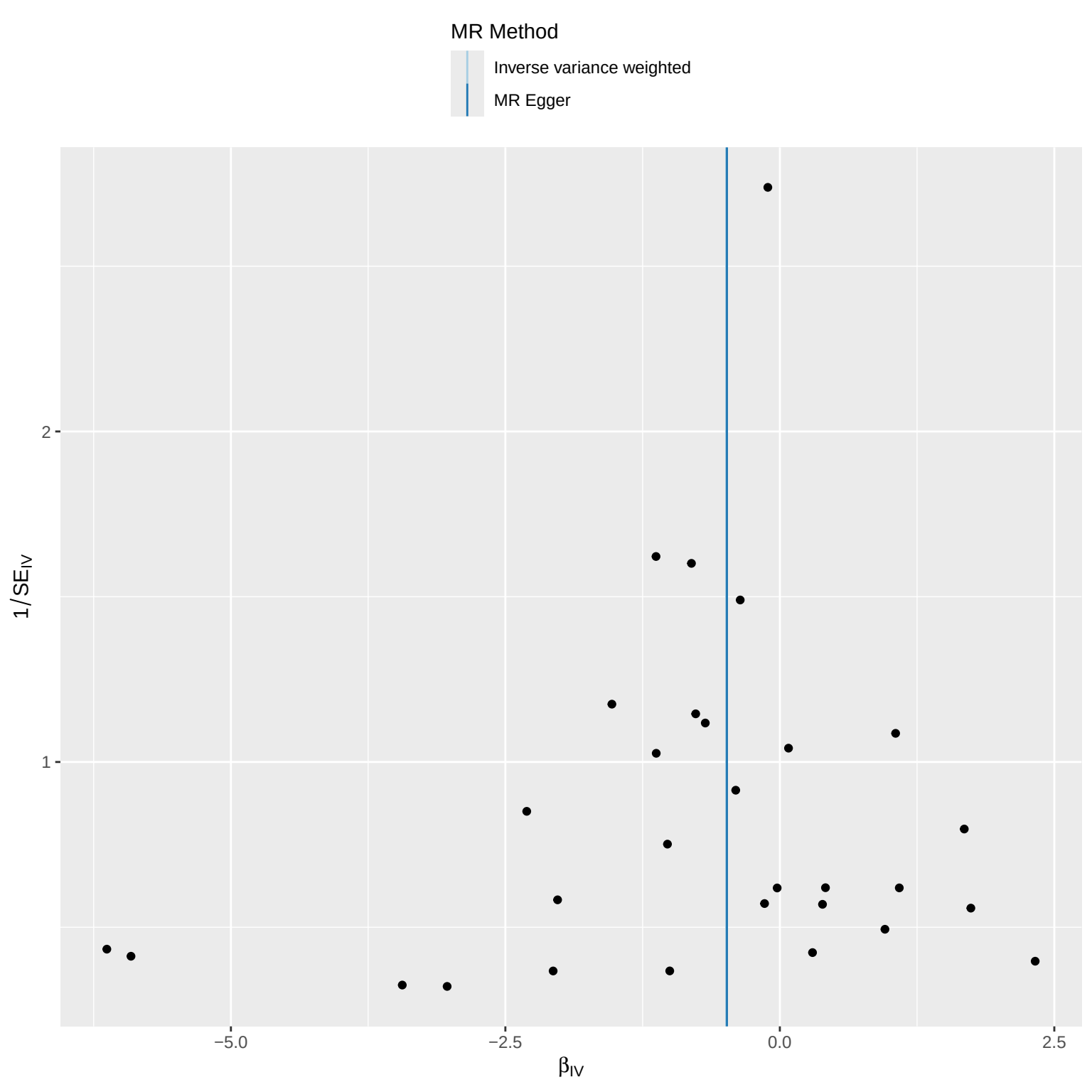

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

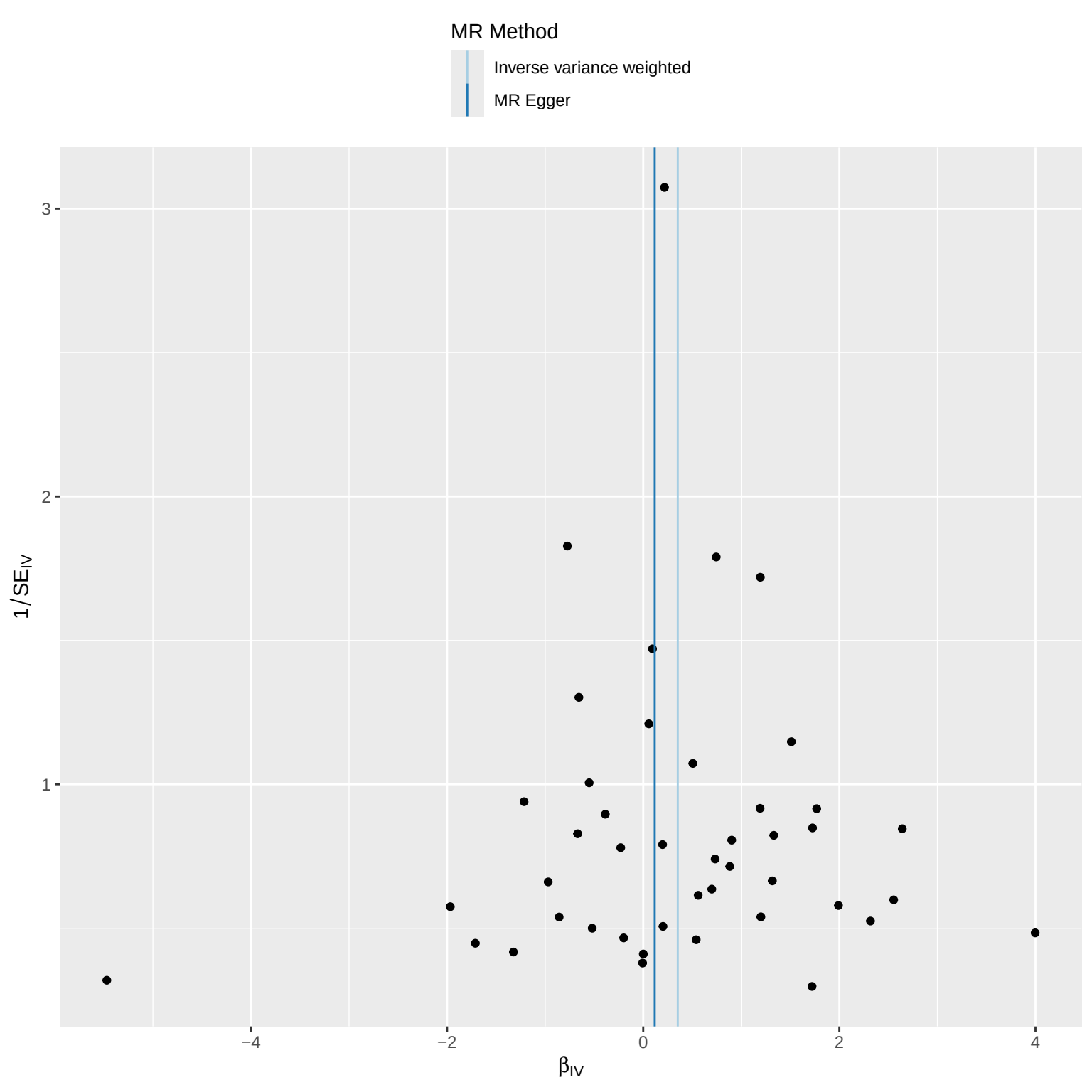

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

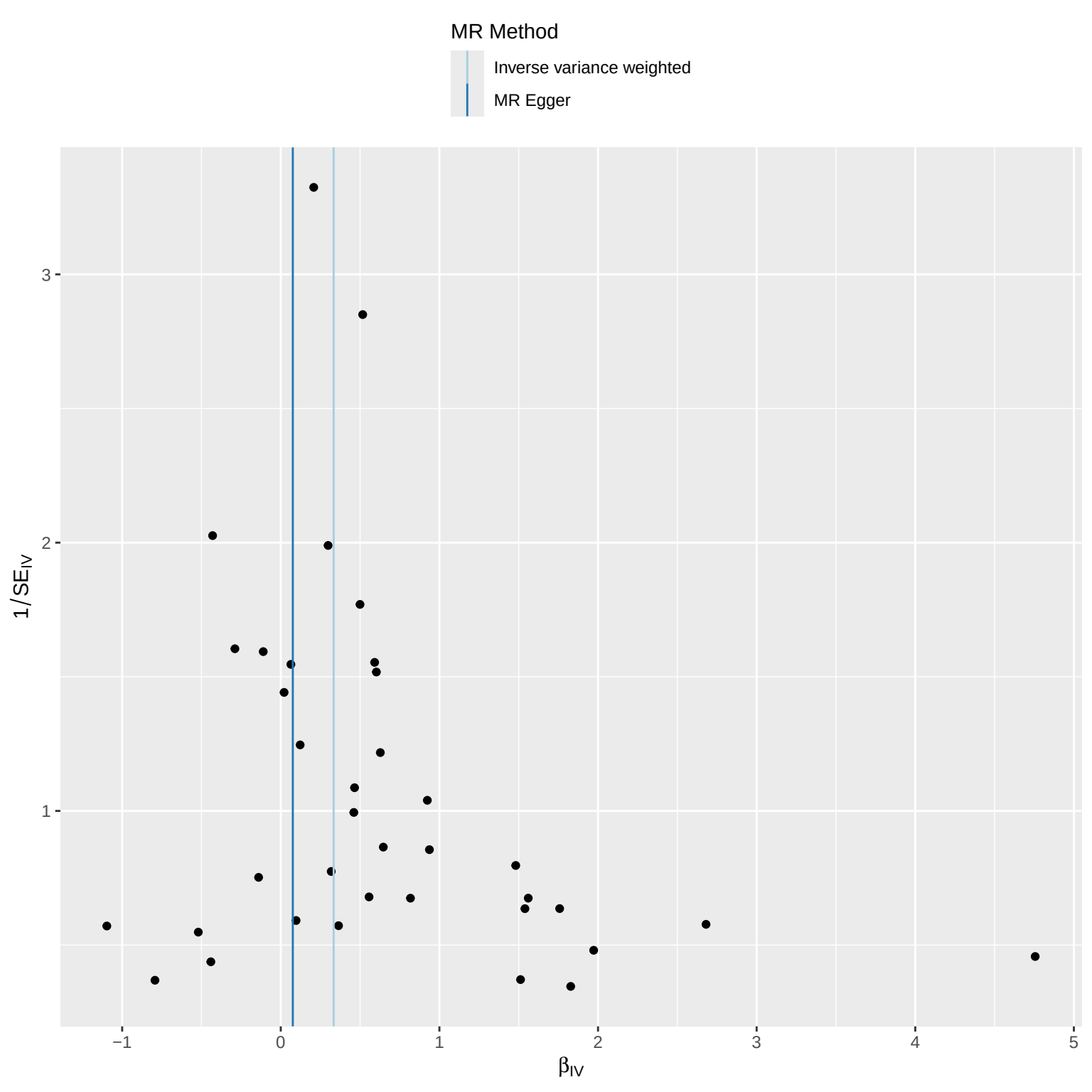

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

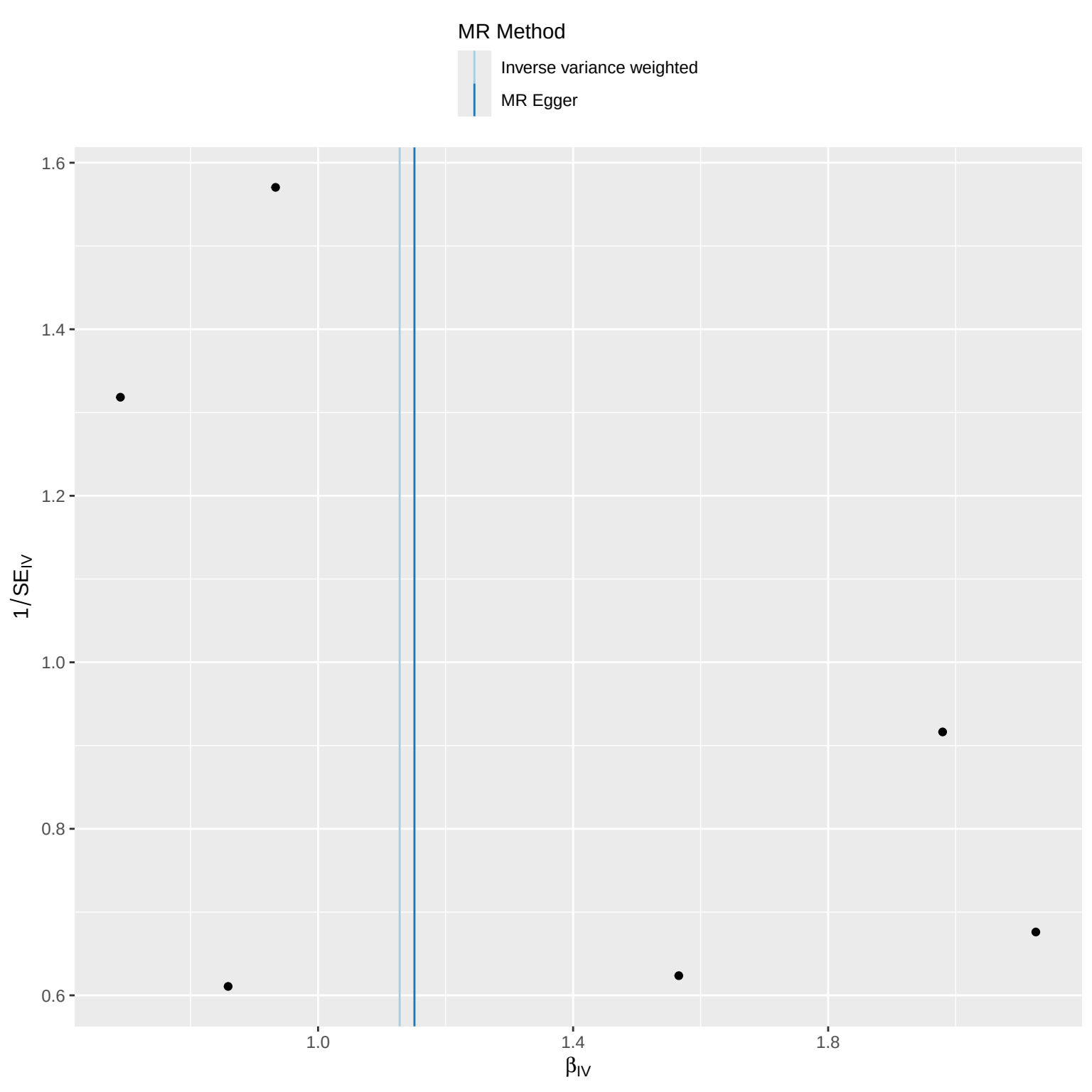

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
β_IV

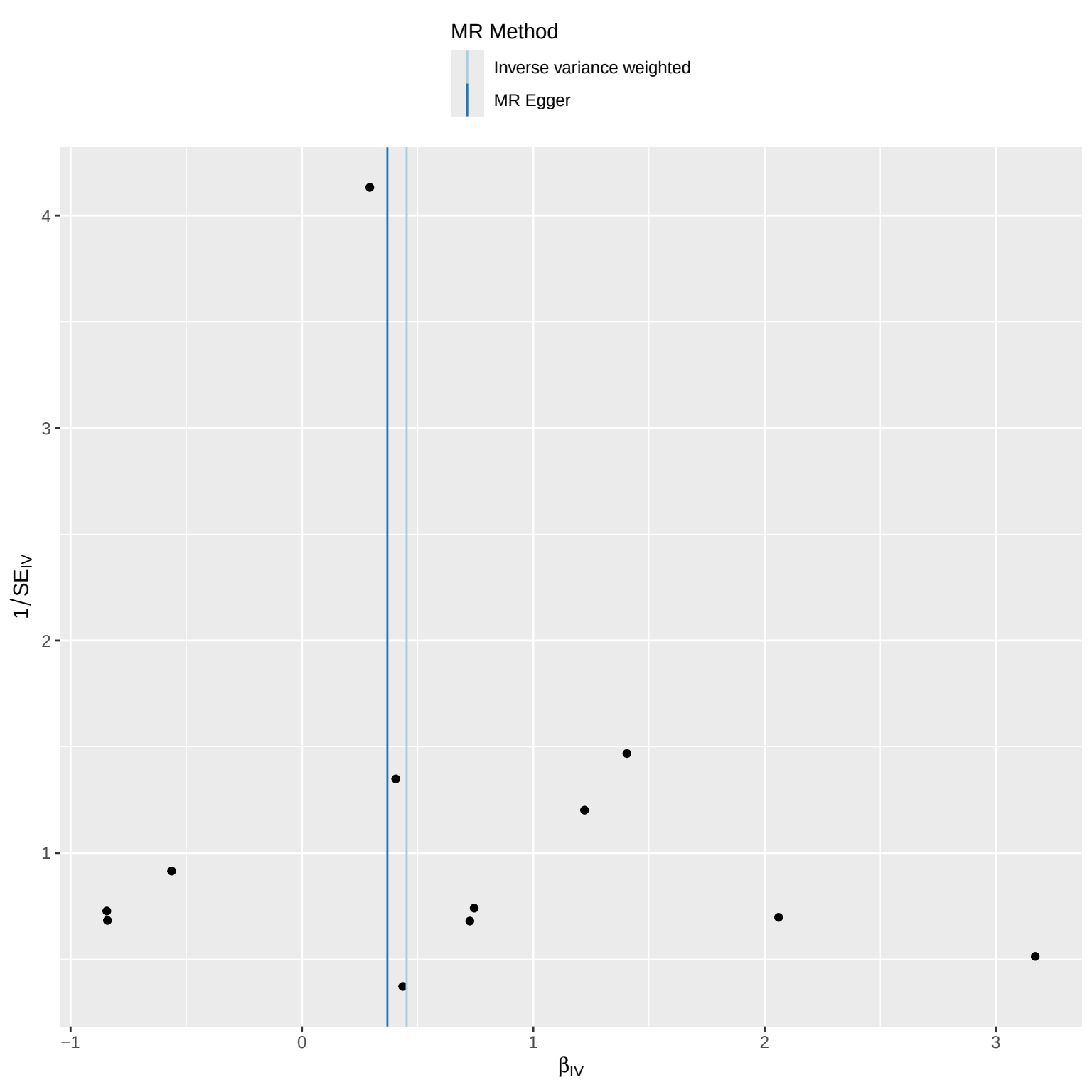

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
2
β_IV

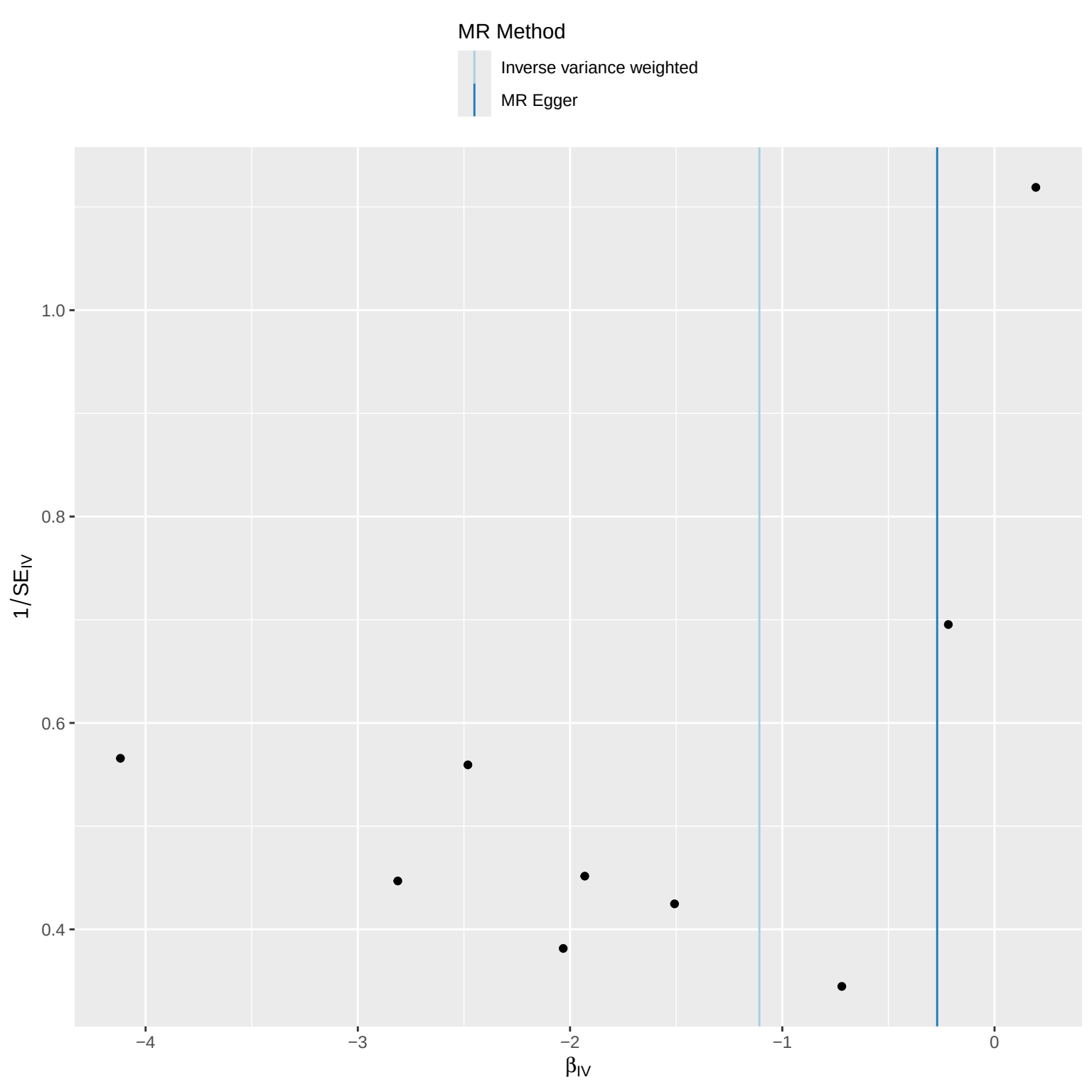

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

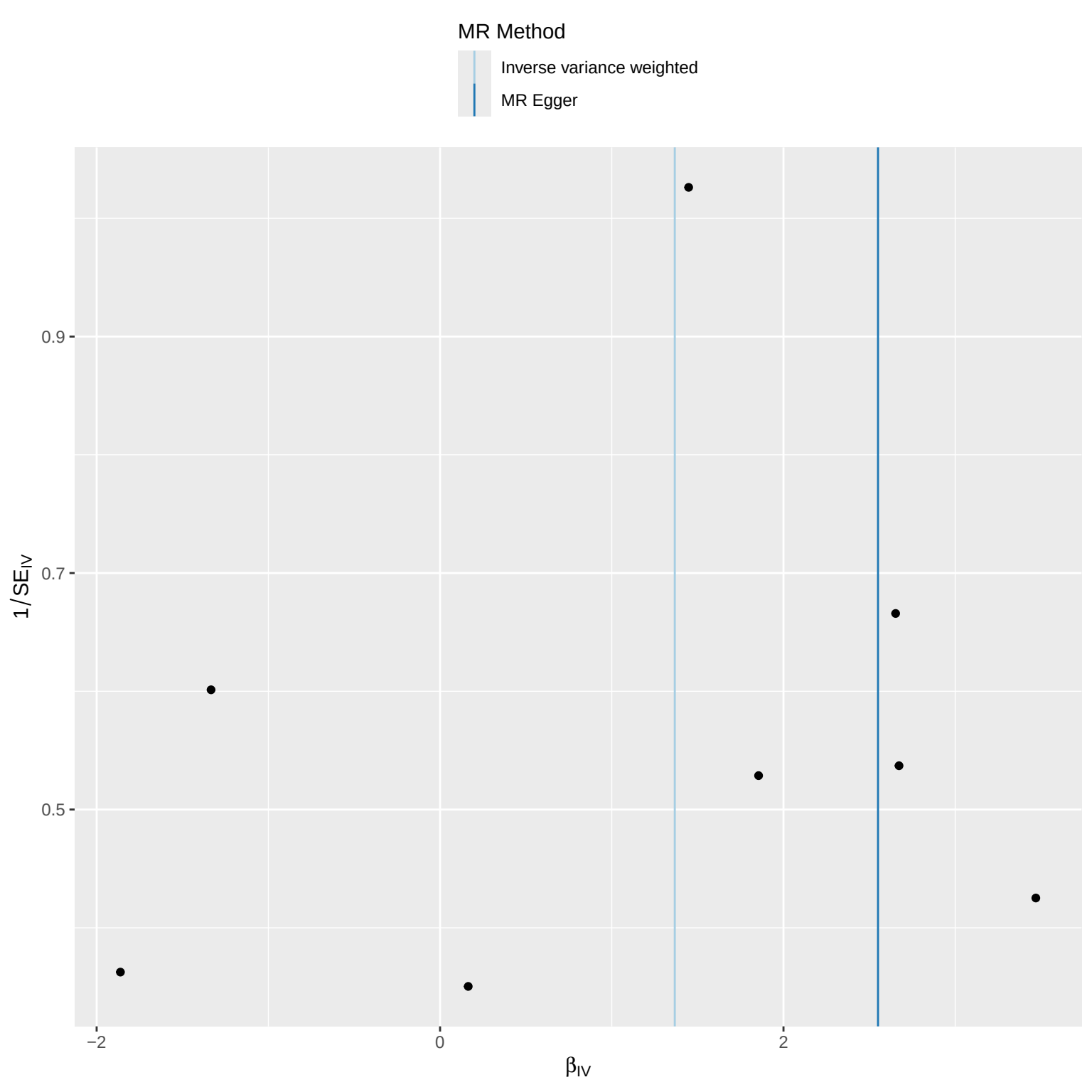

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

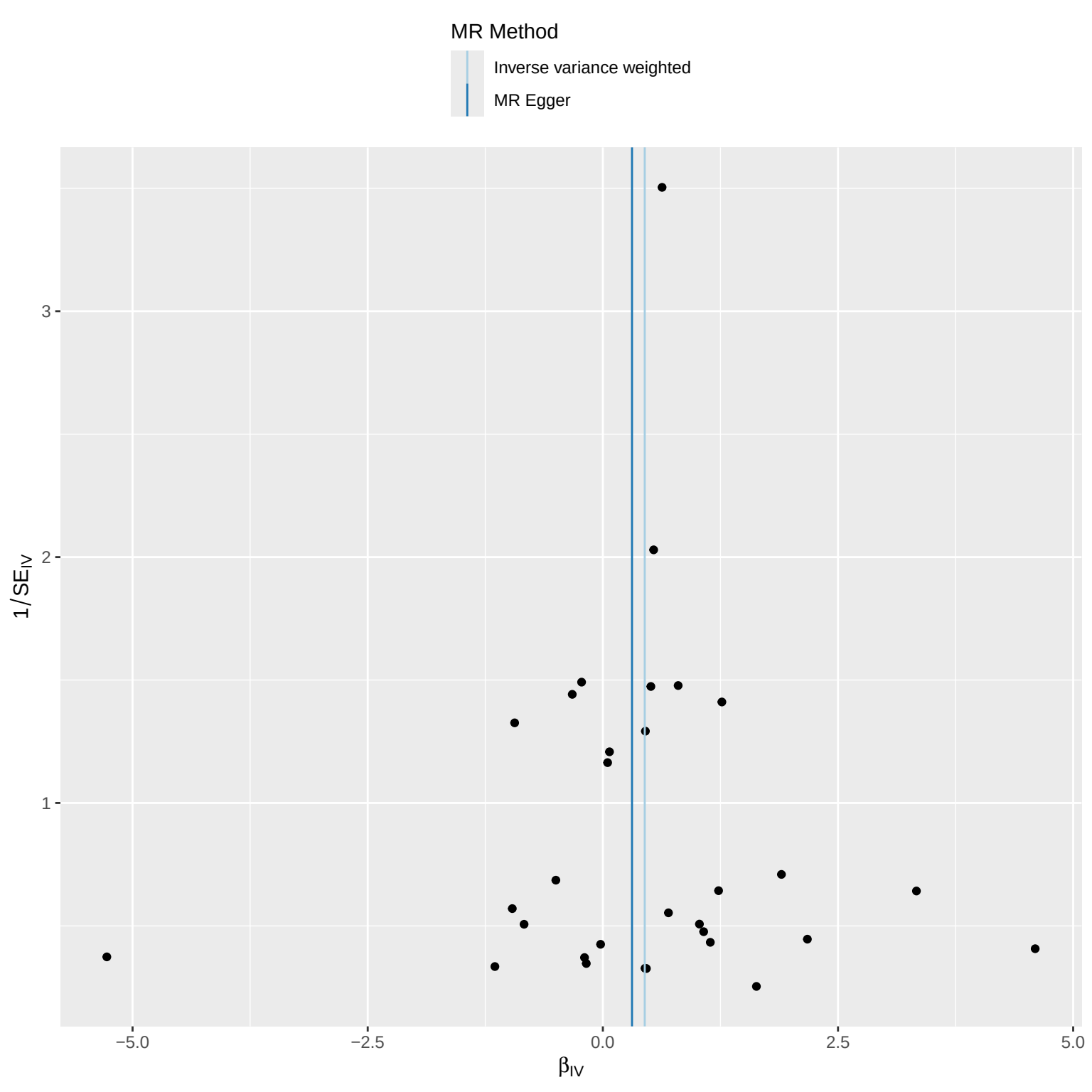

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
4
5
β_IV

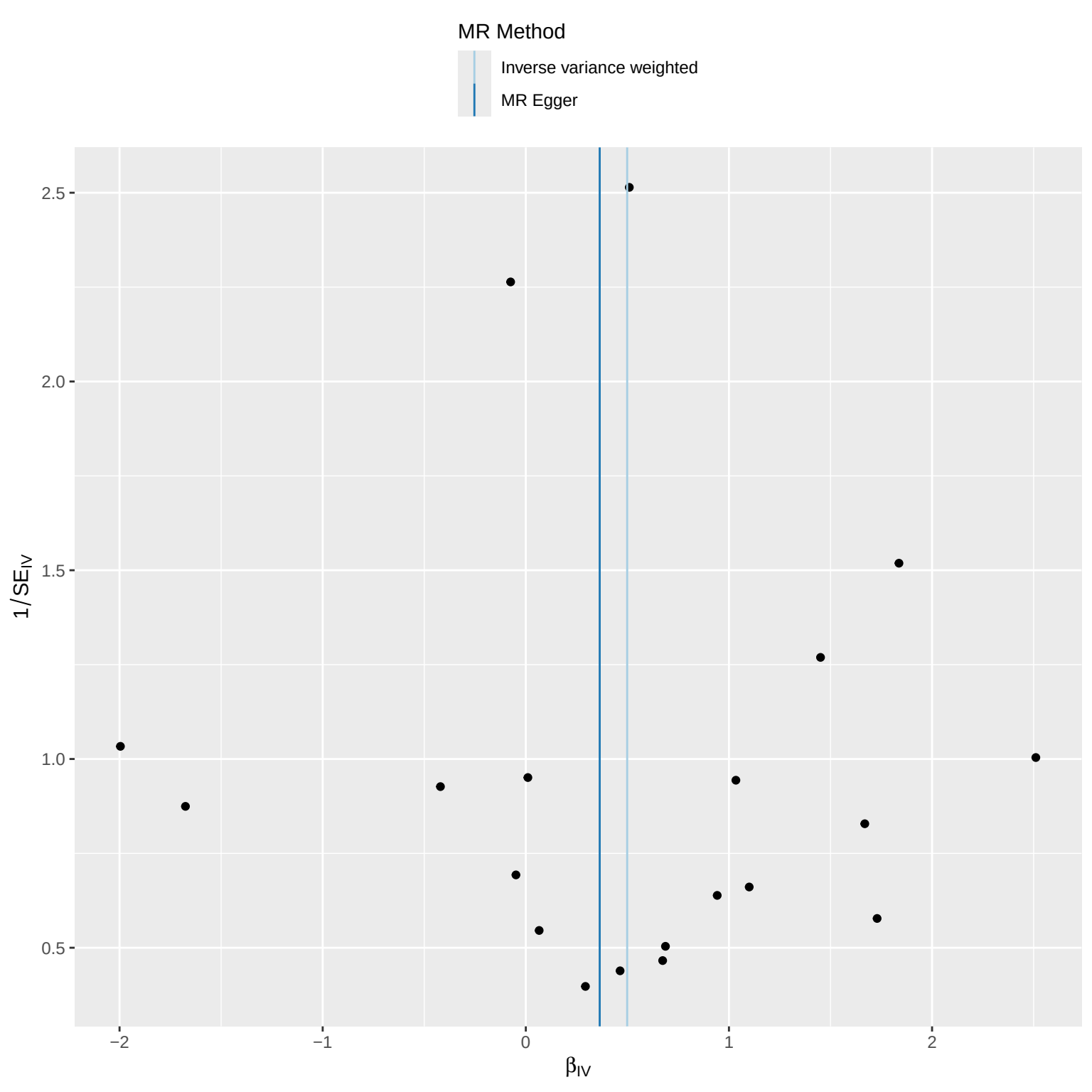

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
1.0
1.4
1.8
β_IV

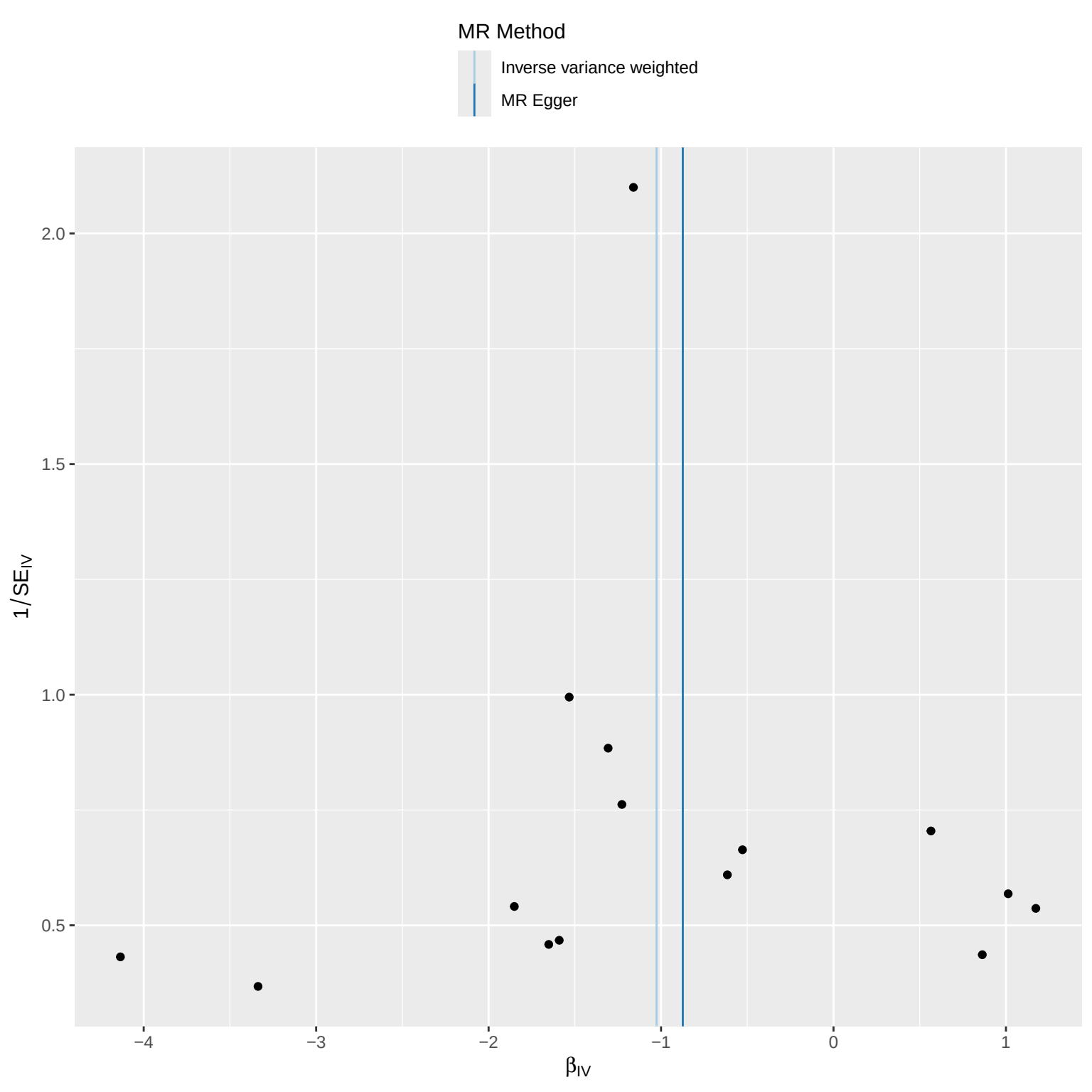

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

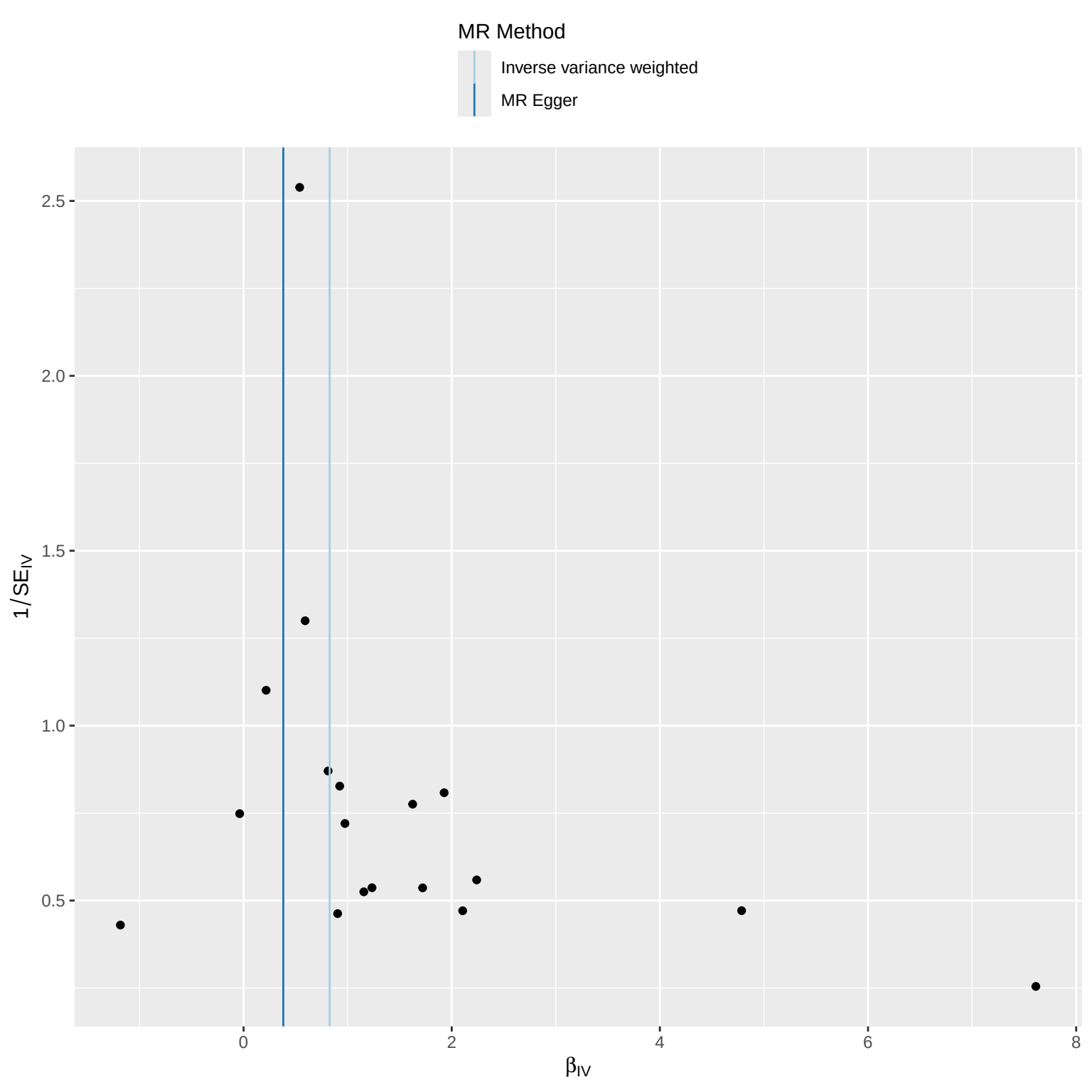

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

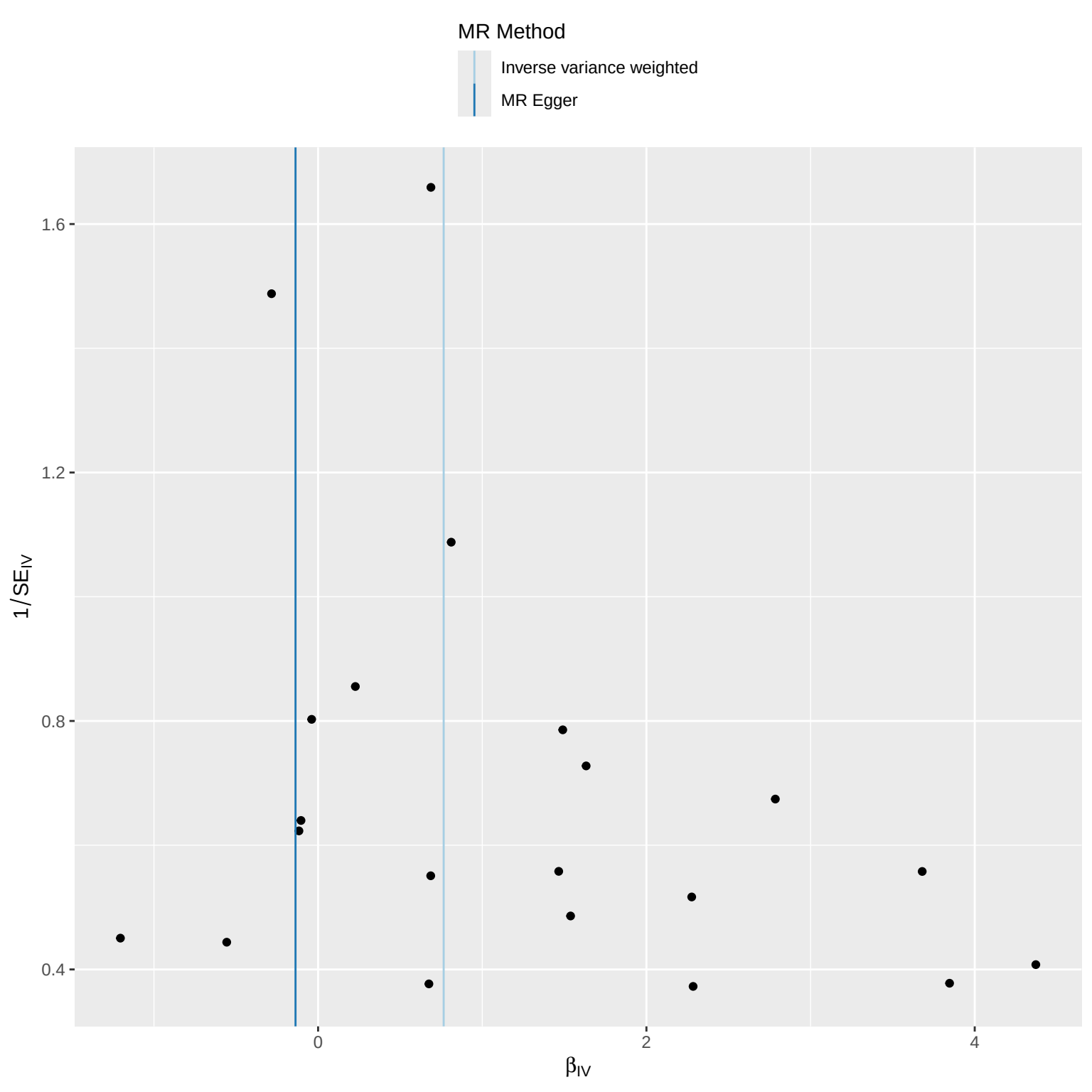

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
1/SE_IV
−2
0
2
β_IV

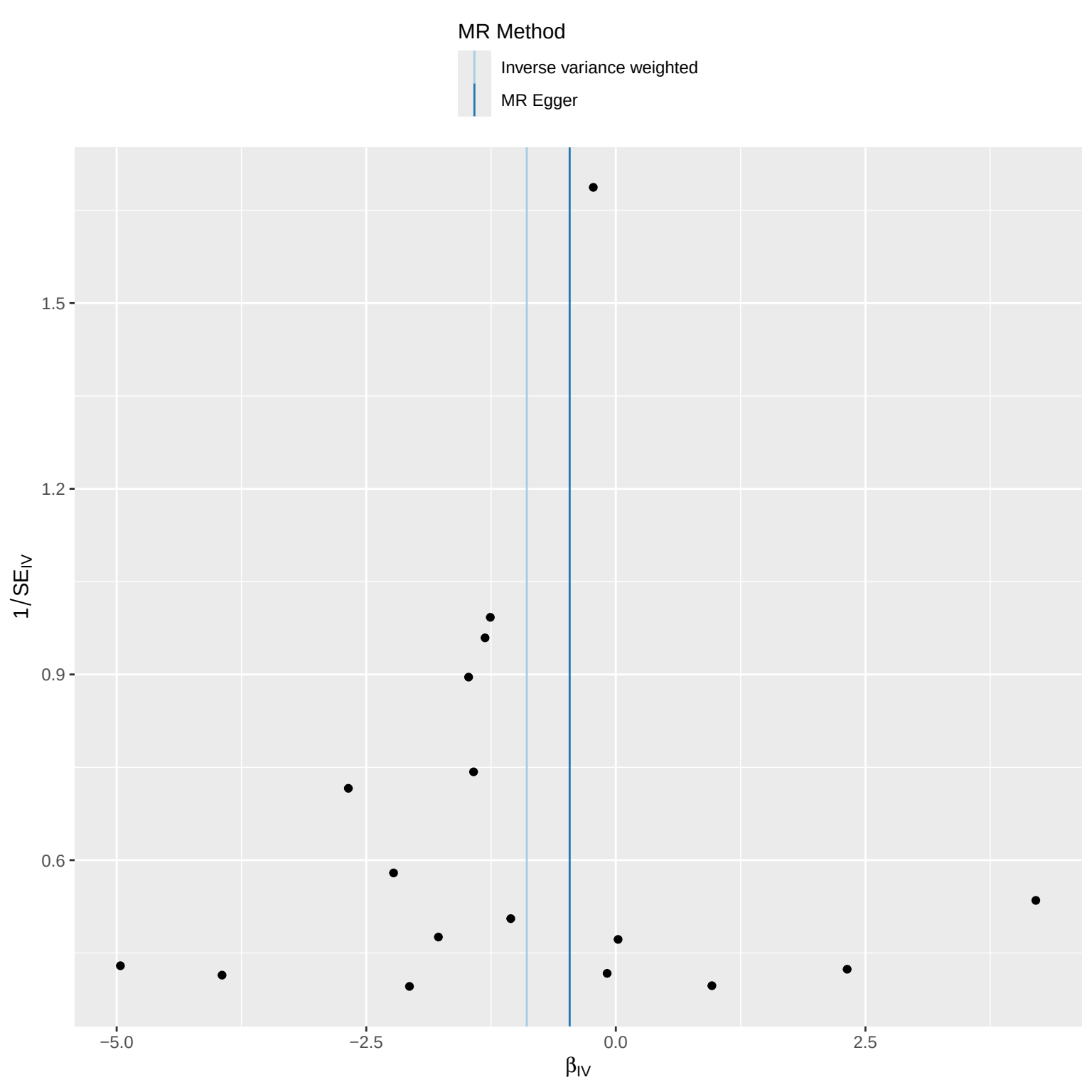

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−5.0
−2.5
0.0
2.5
5.0
β_{IV}

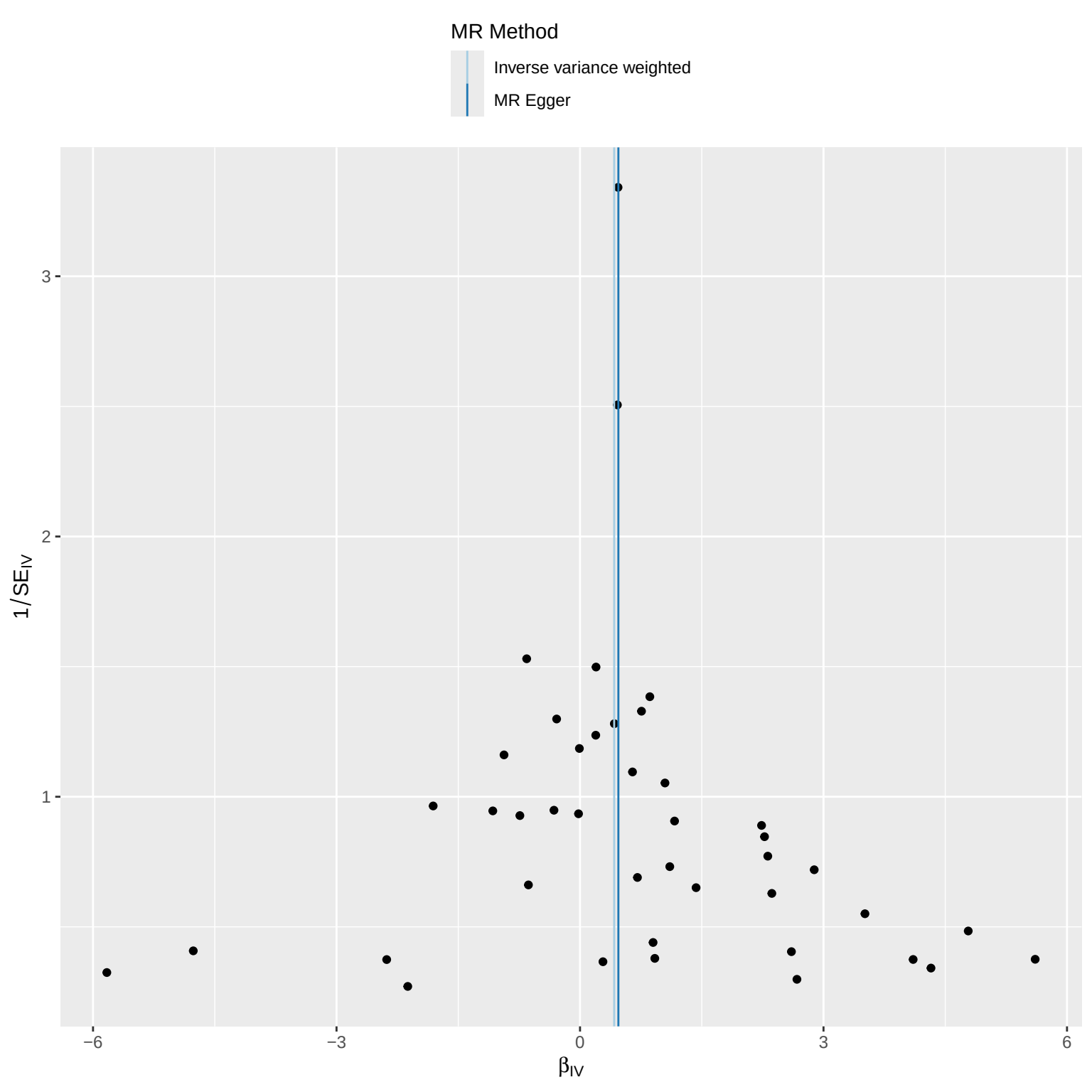

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

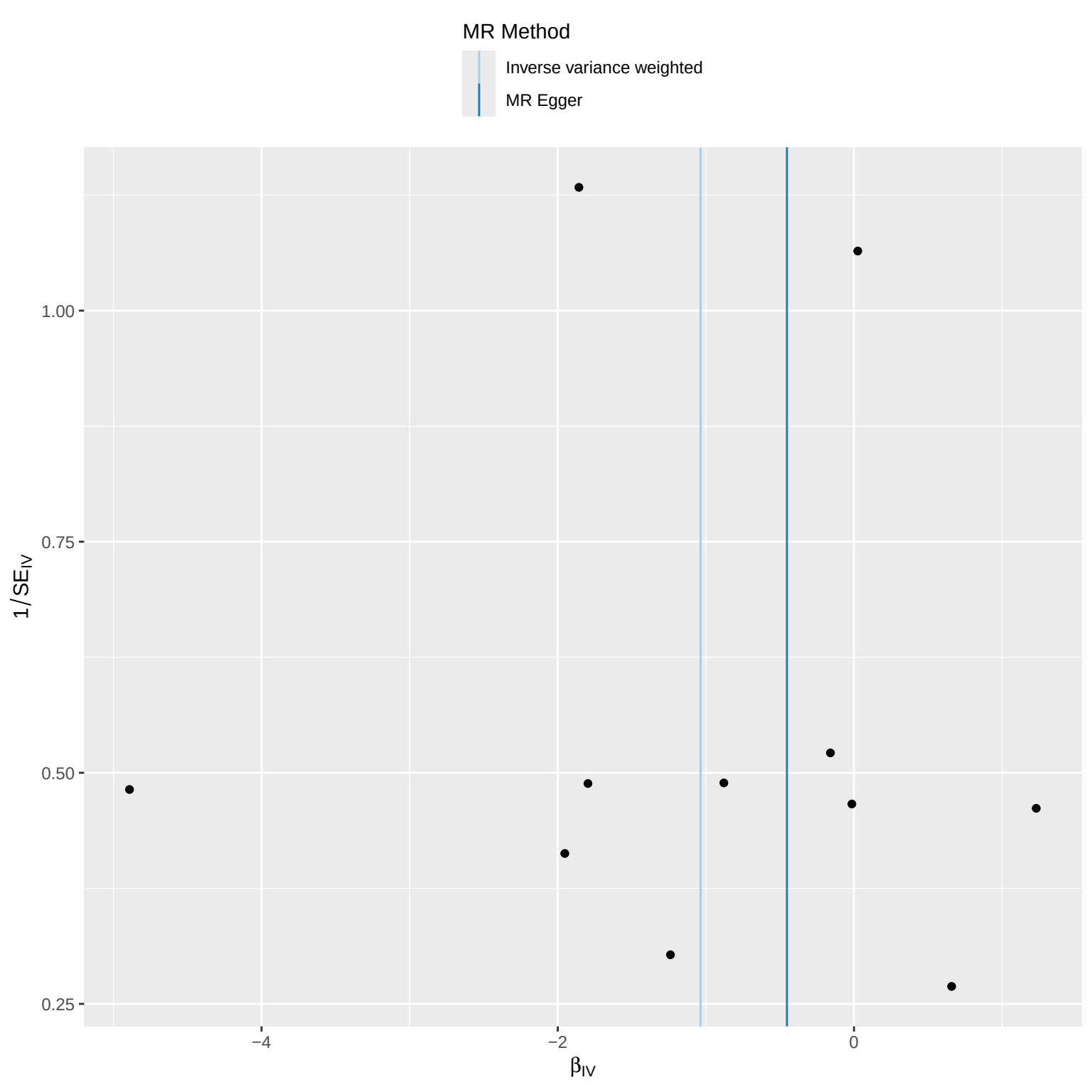

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

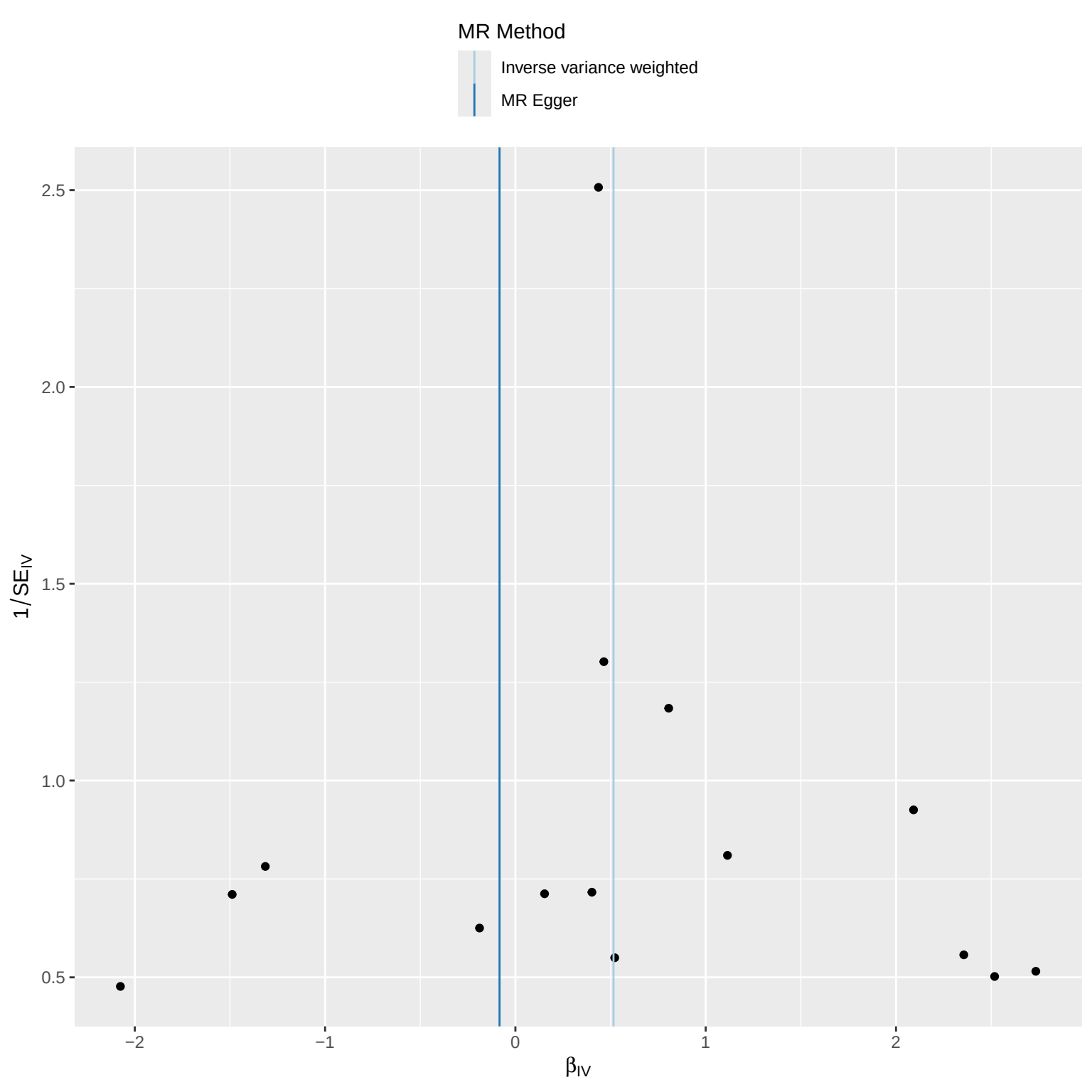

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
6
8
β_IV

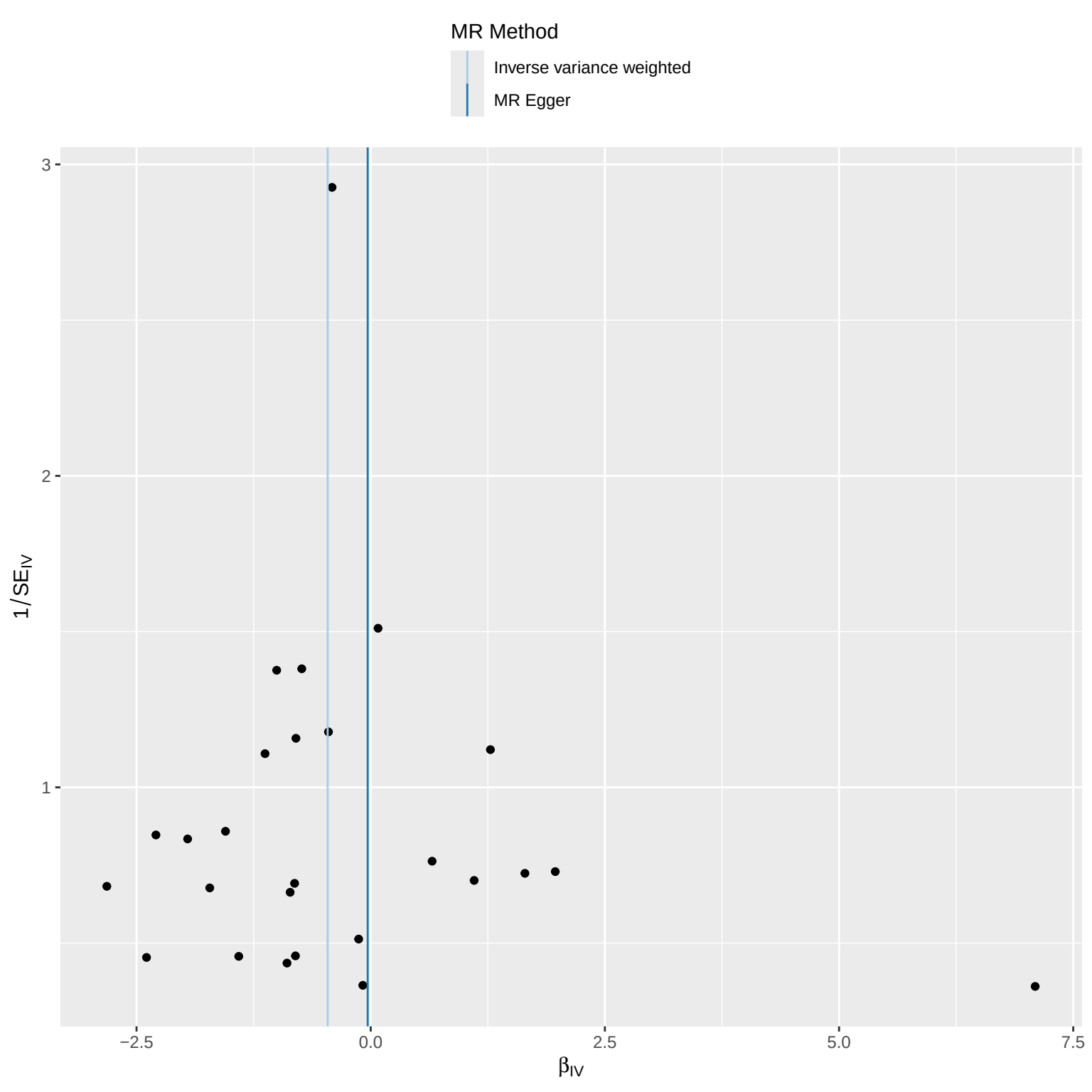

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
2
4
β_IV

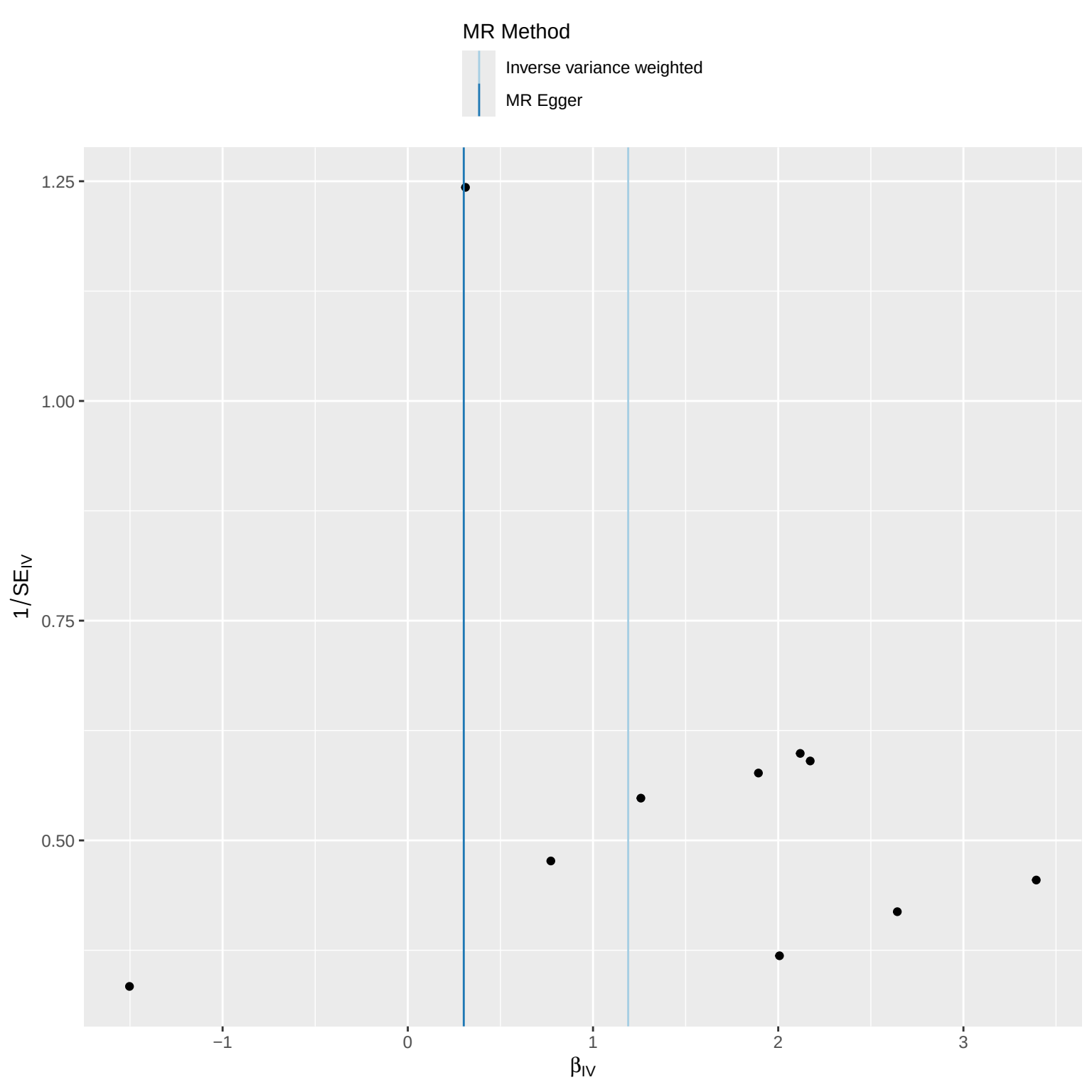

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

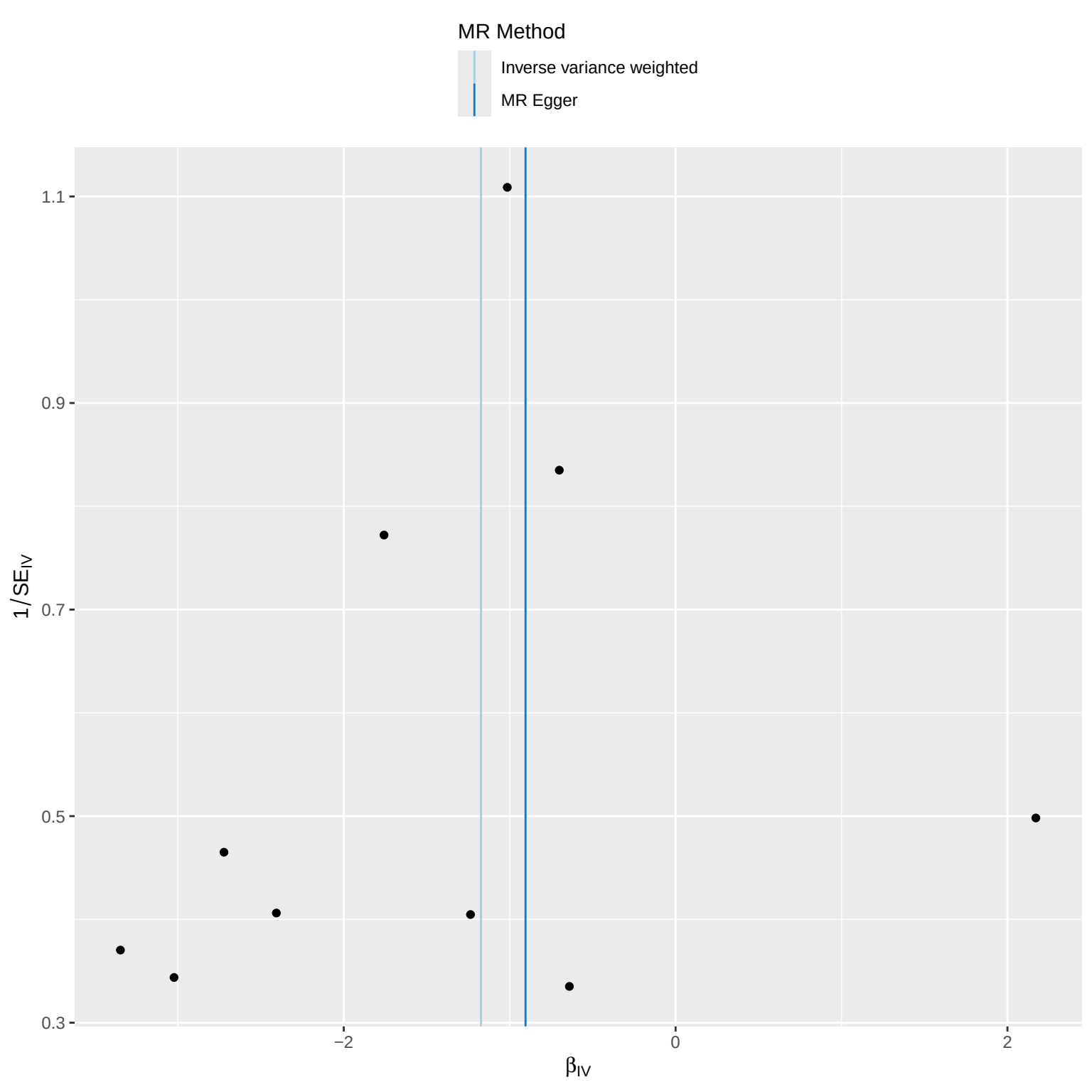

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
3
6
β_IV

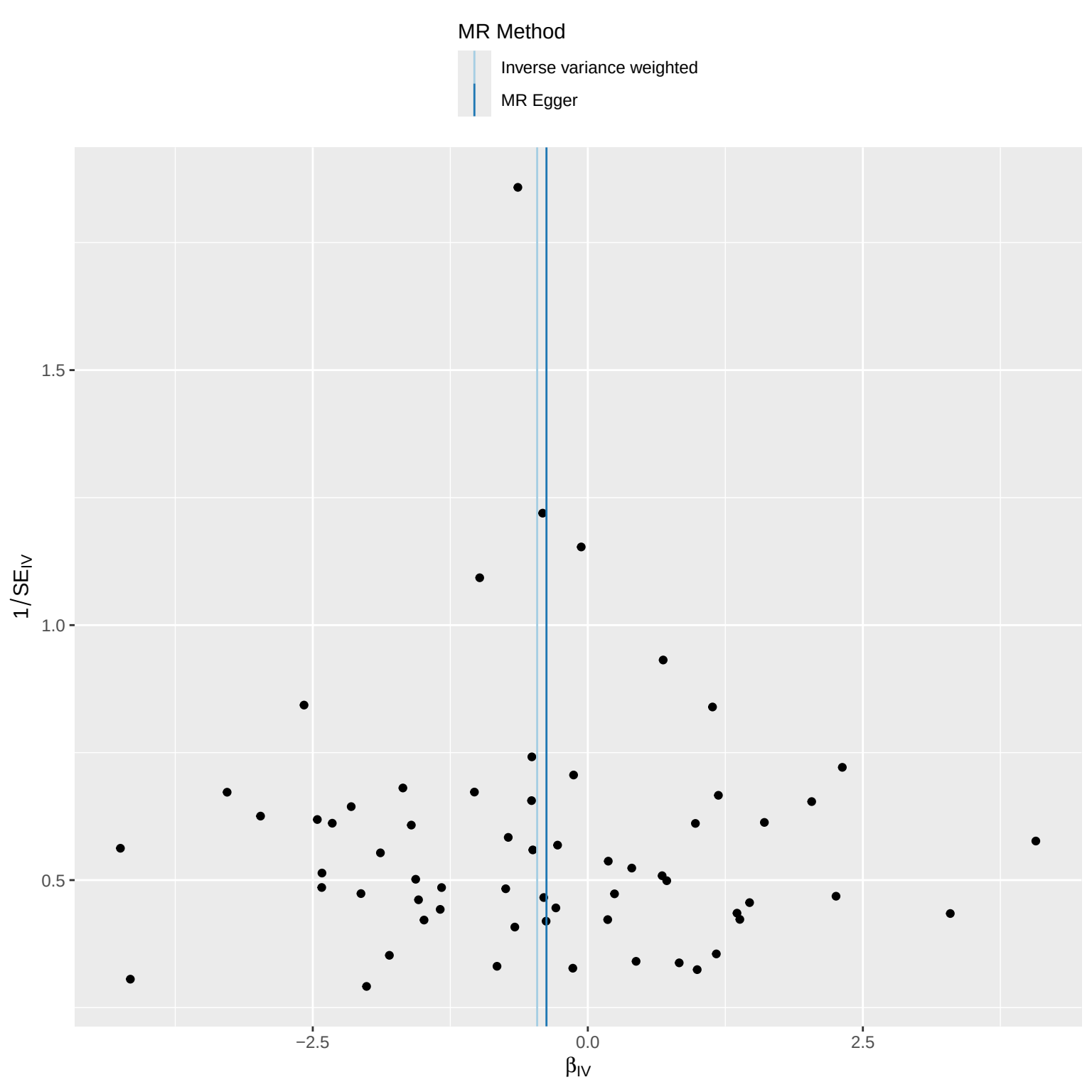

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
0.25
1/SE_IV
−4
−2
0
β_IV

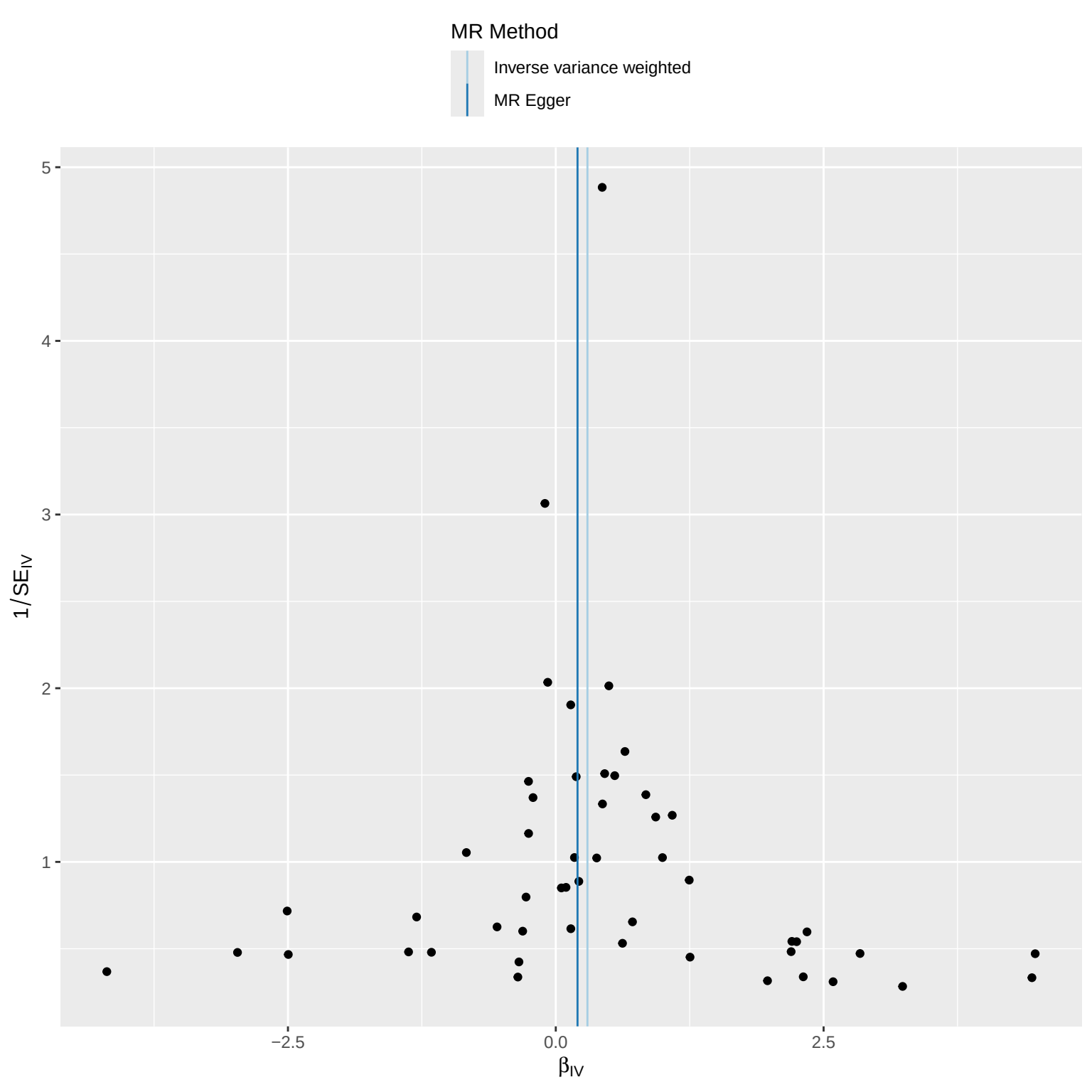

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

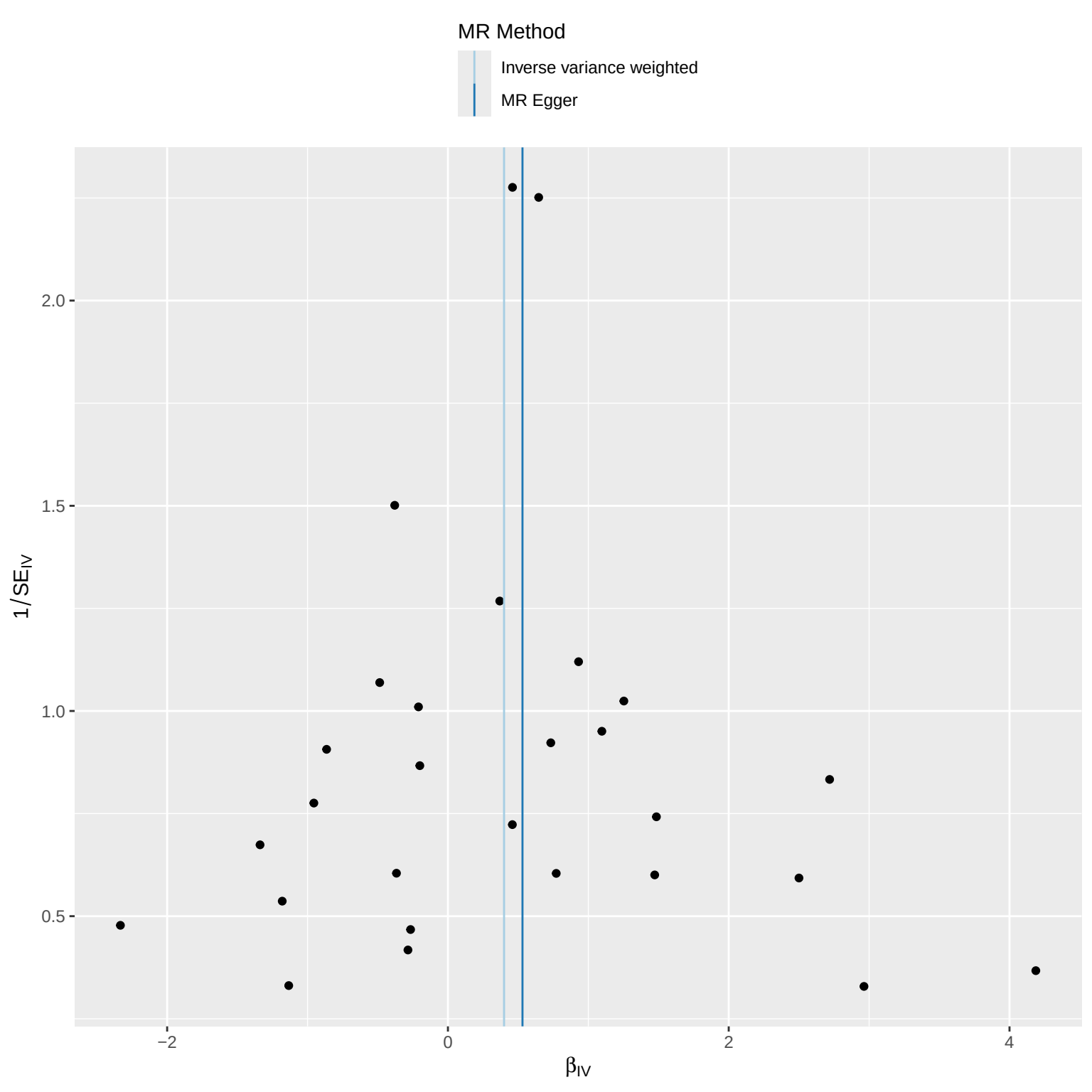

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
7.5
β_IV

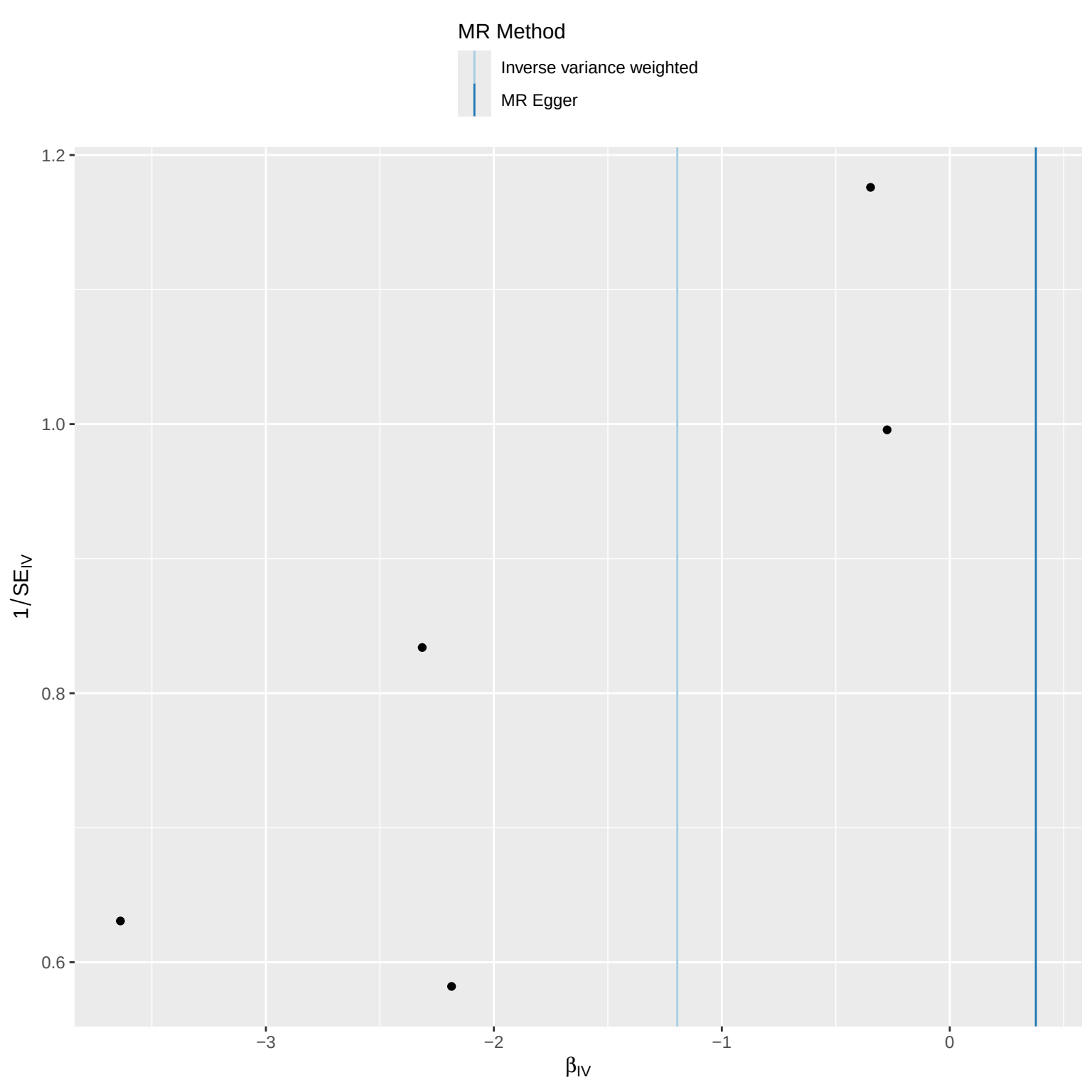

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

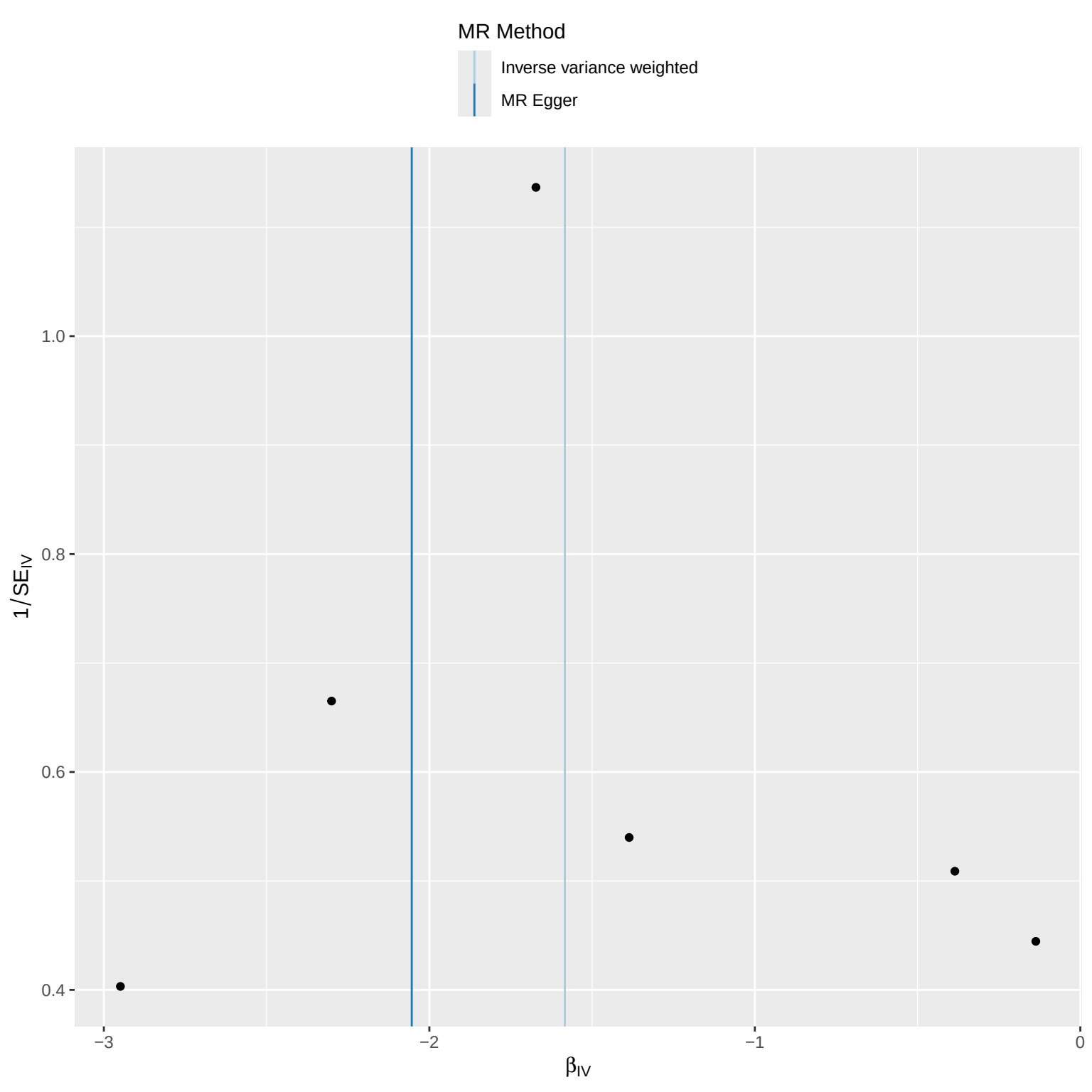

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
0.3
1/SE_IV
−2
0
2
β_IV

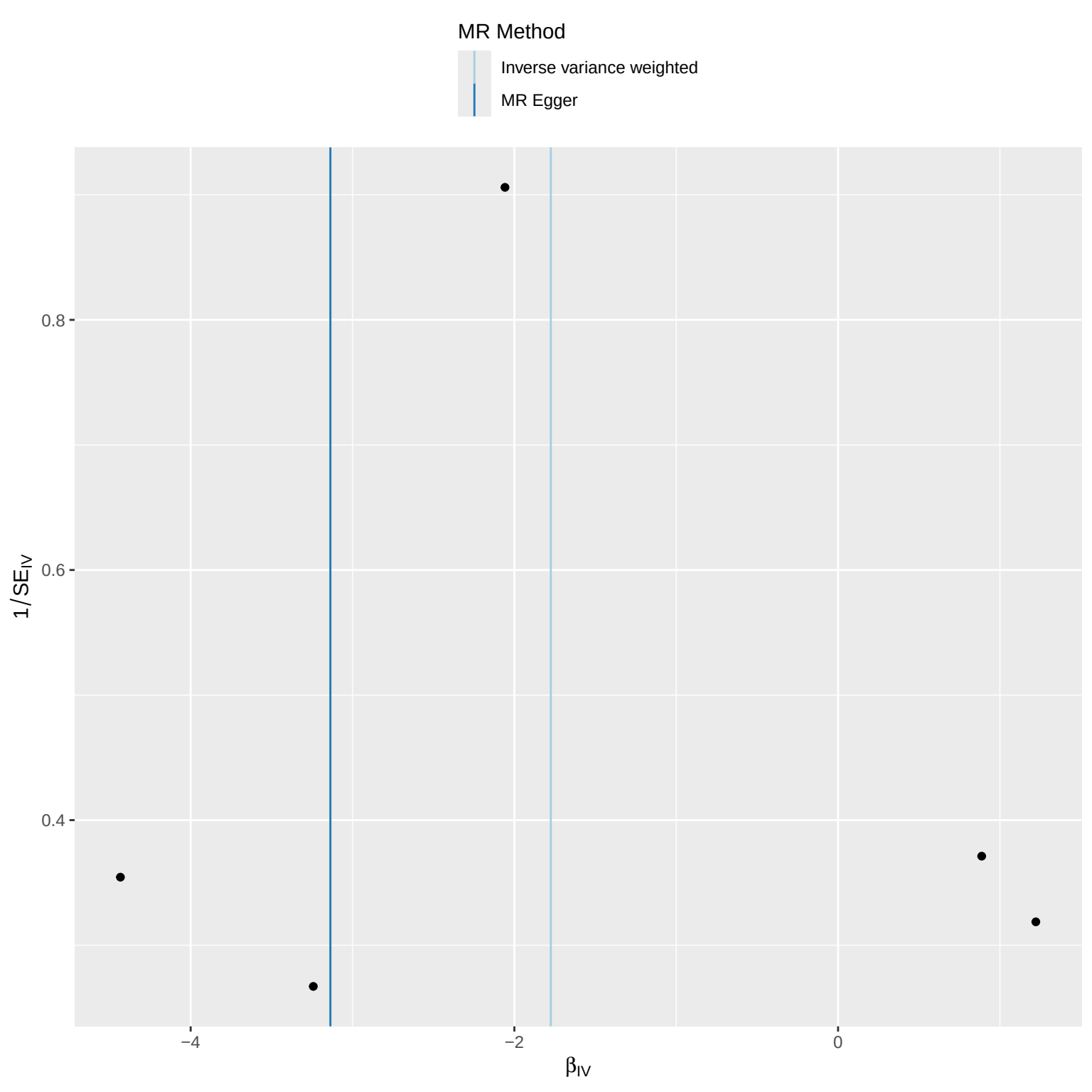

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

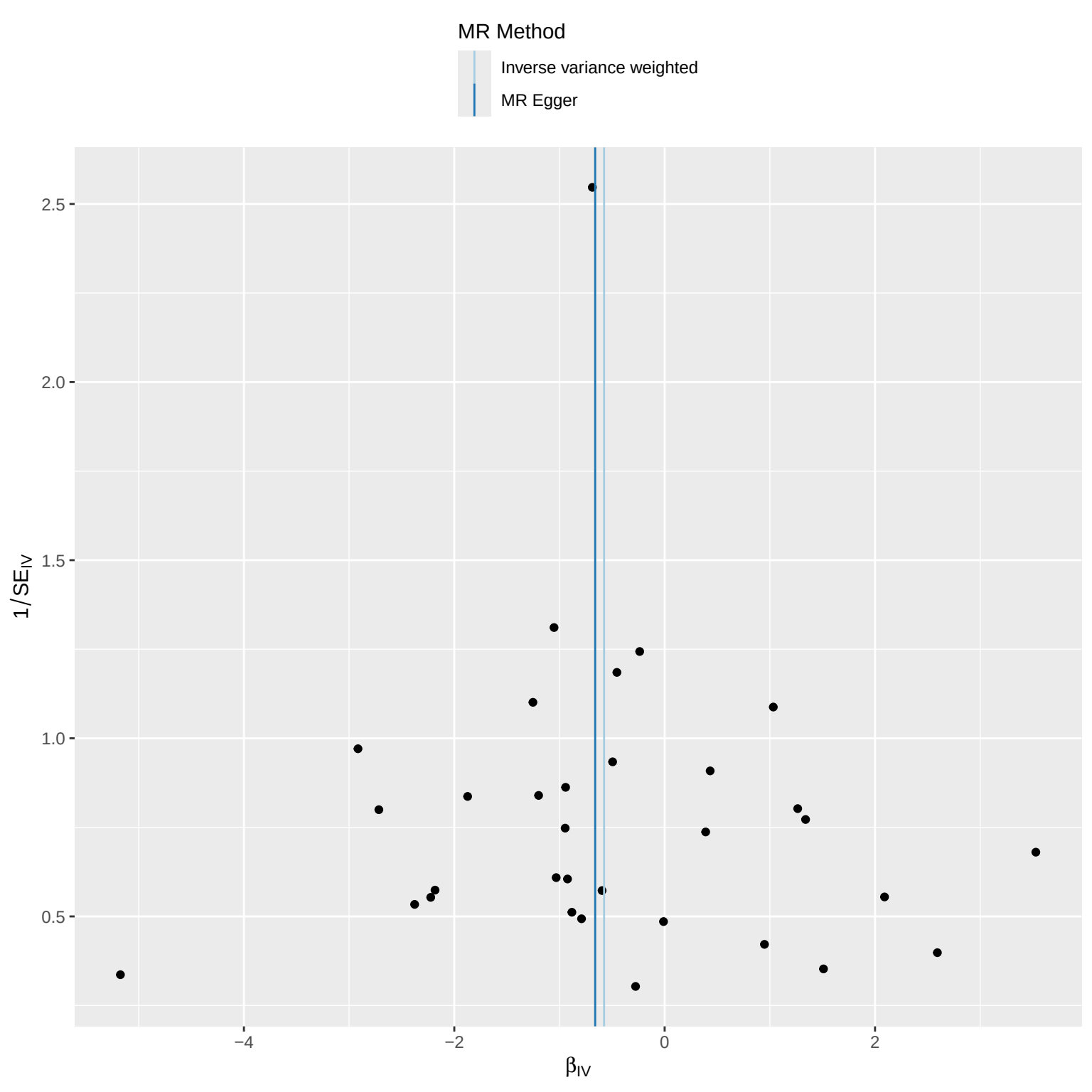

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

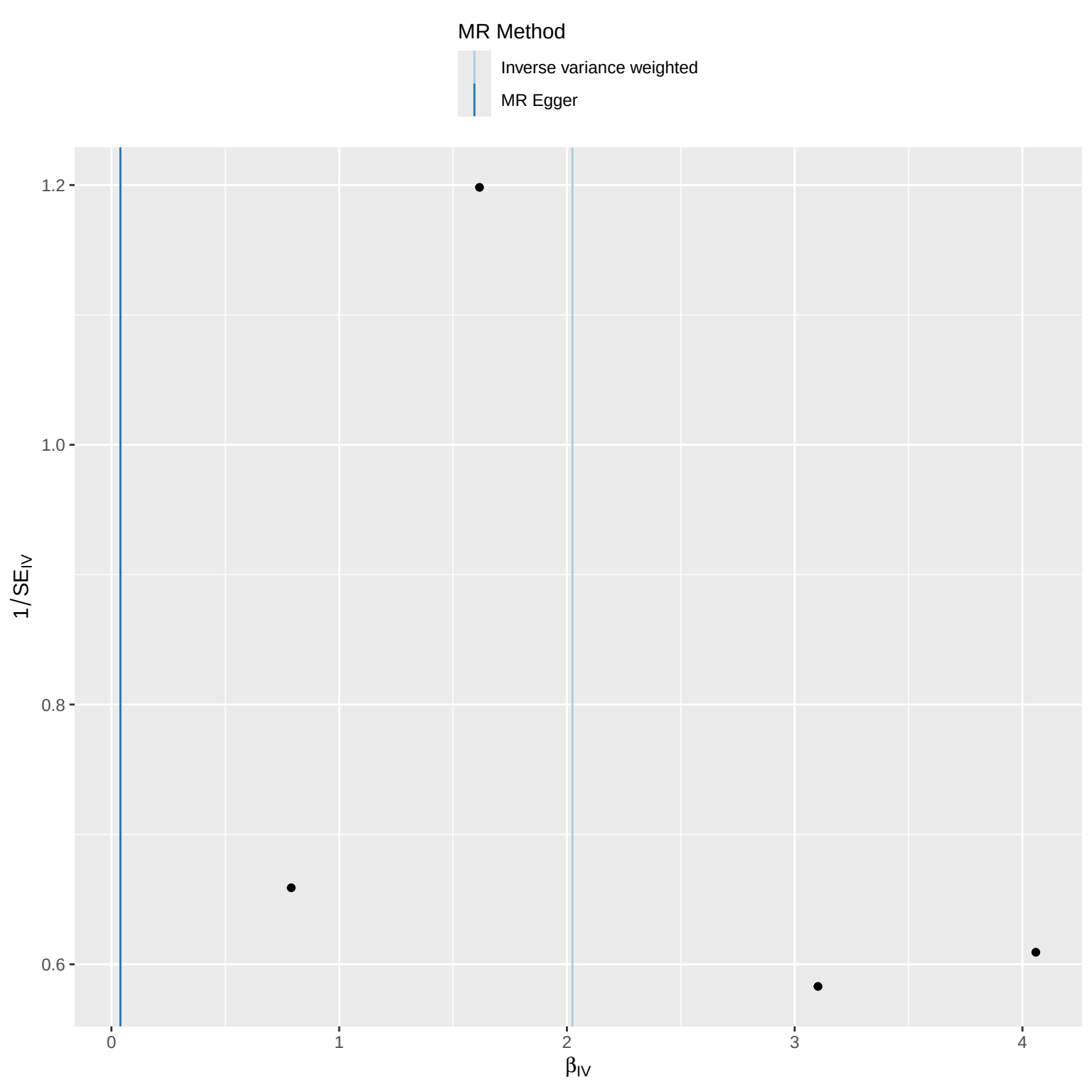

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

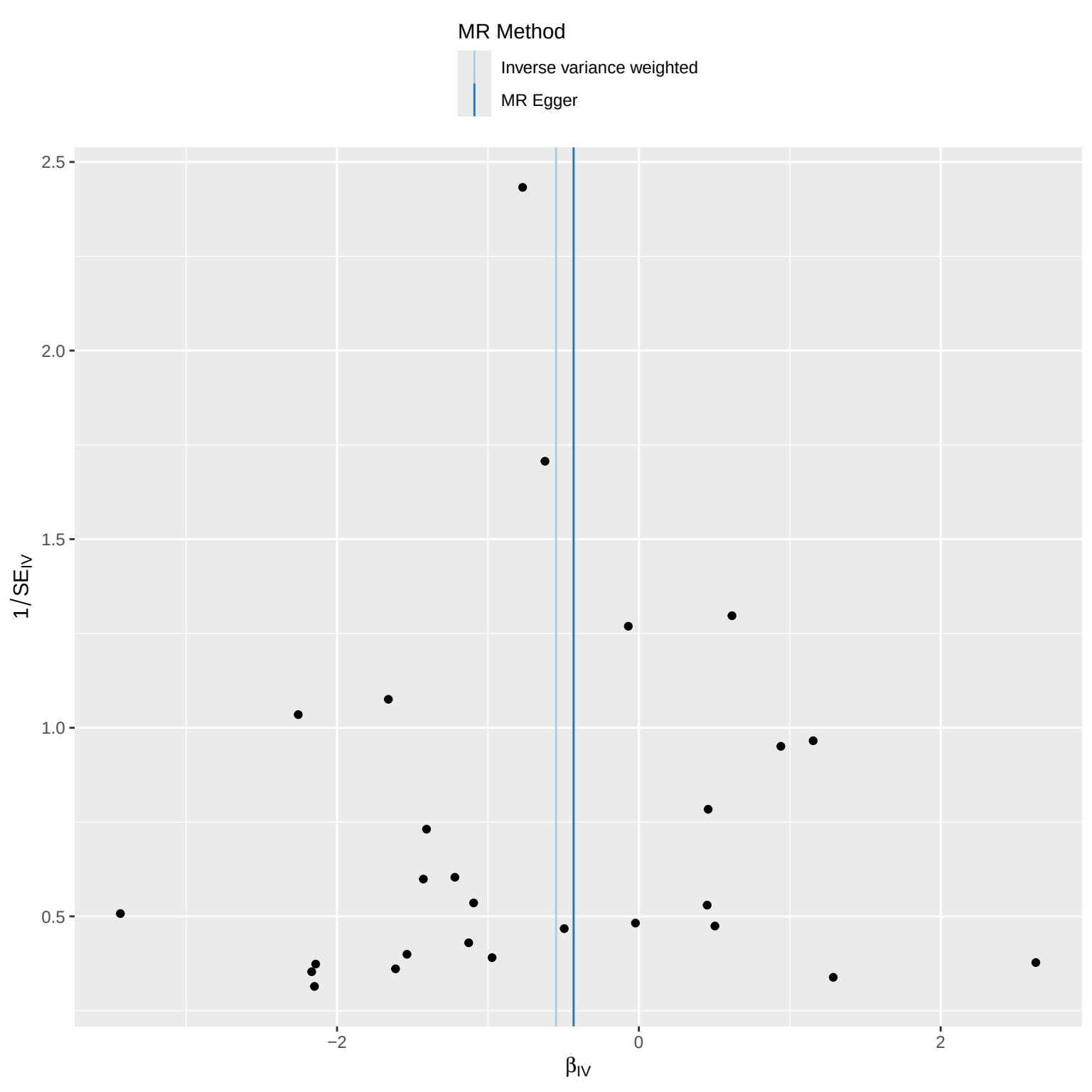

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
β_IV

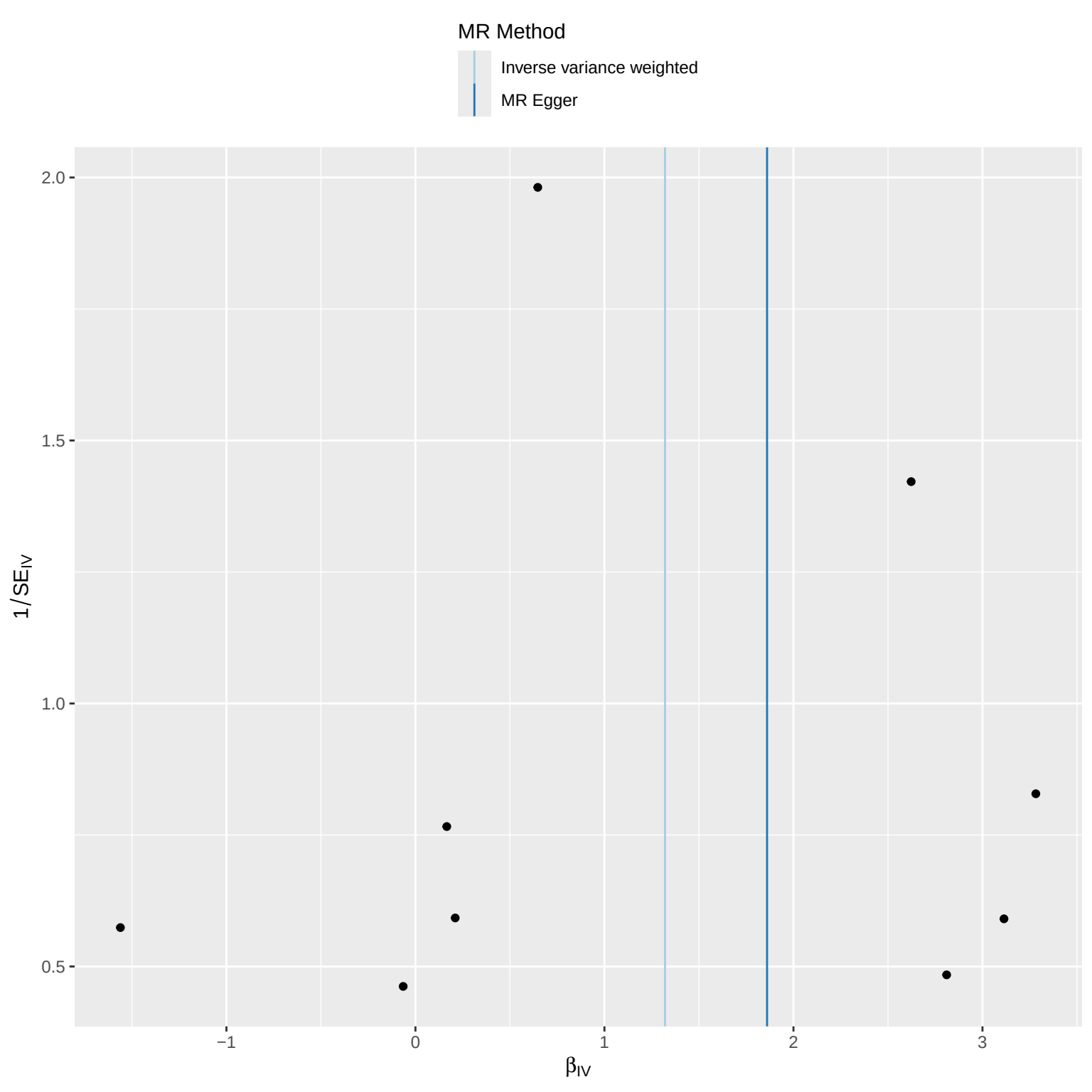

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
β_IV

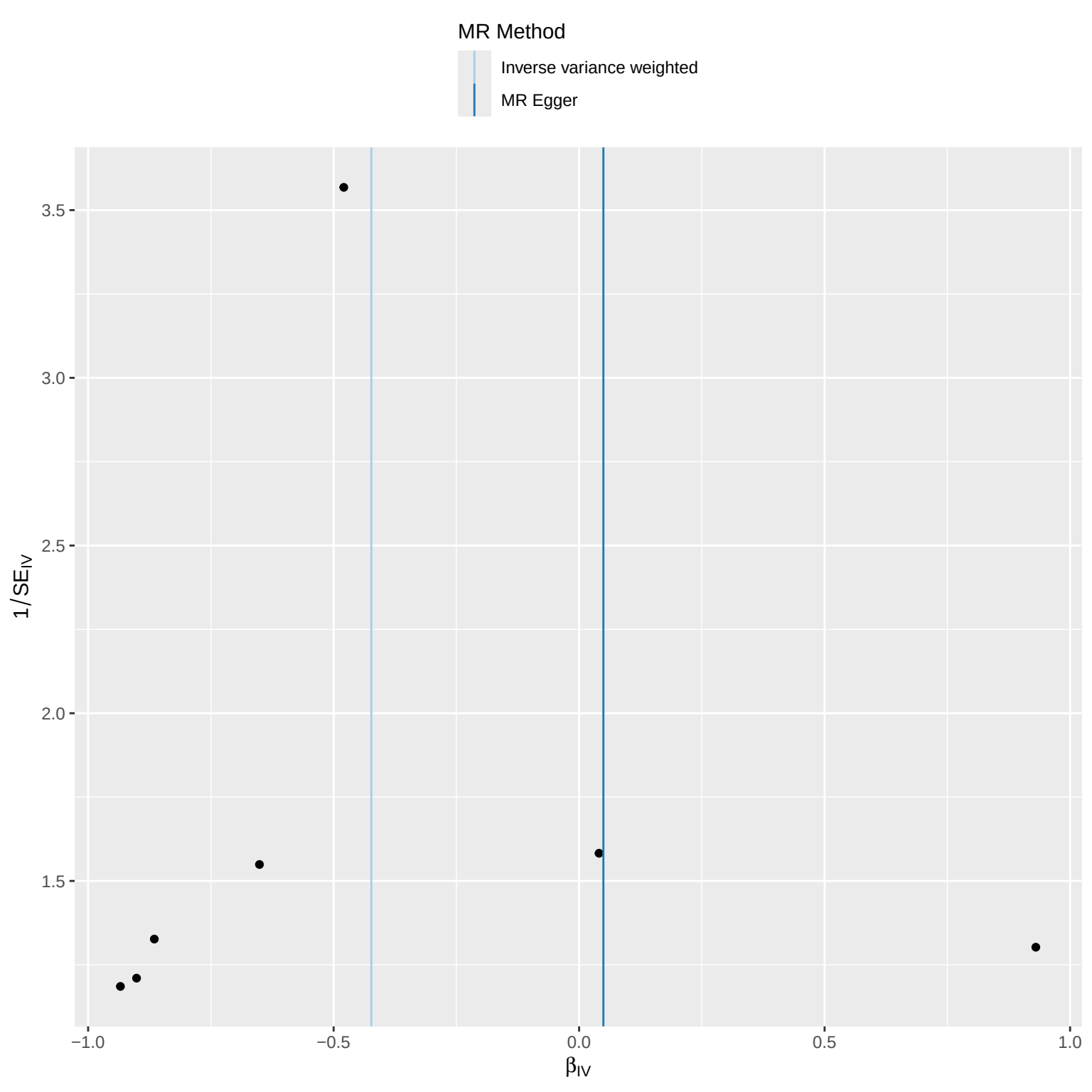

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−4
−2
0
β_IV

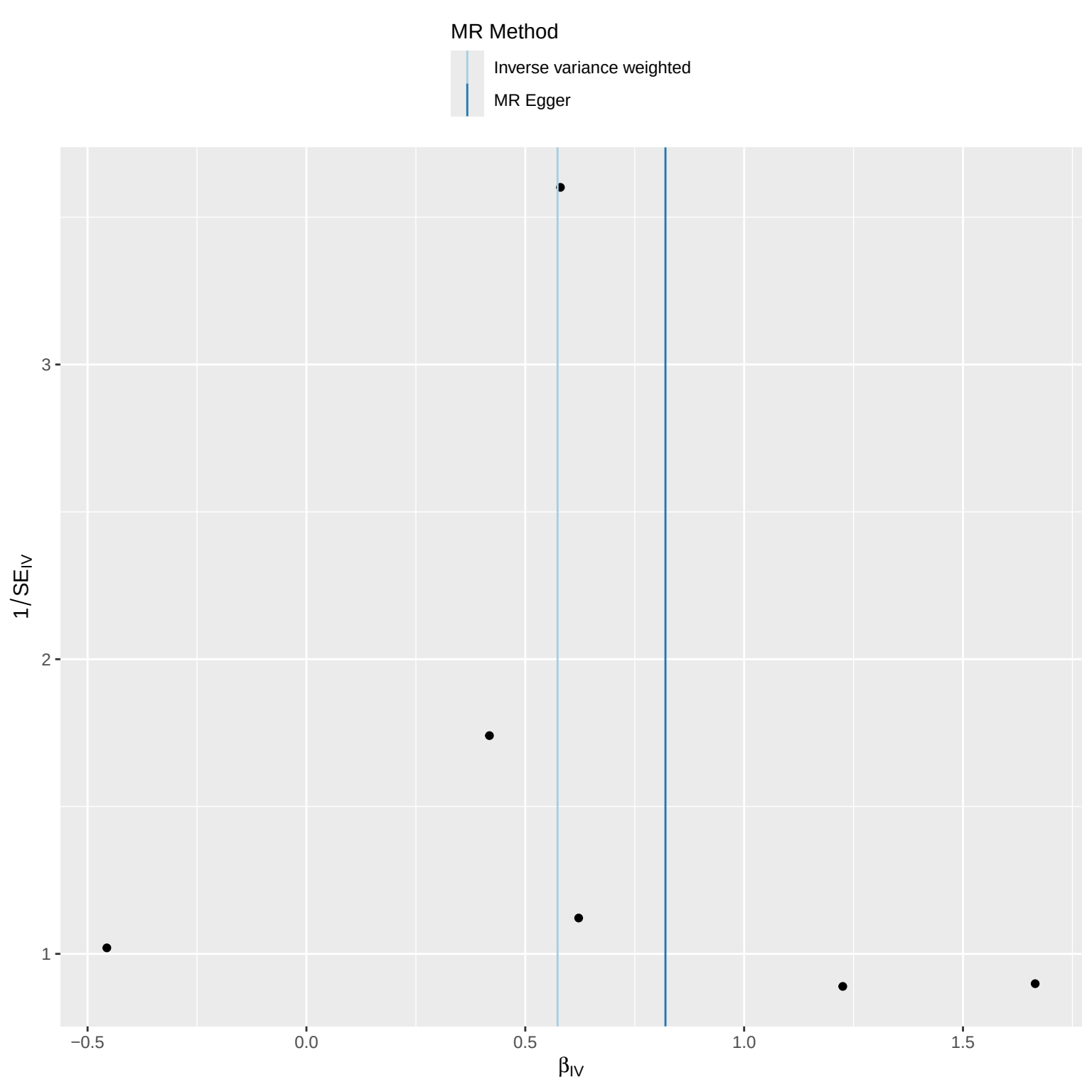

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

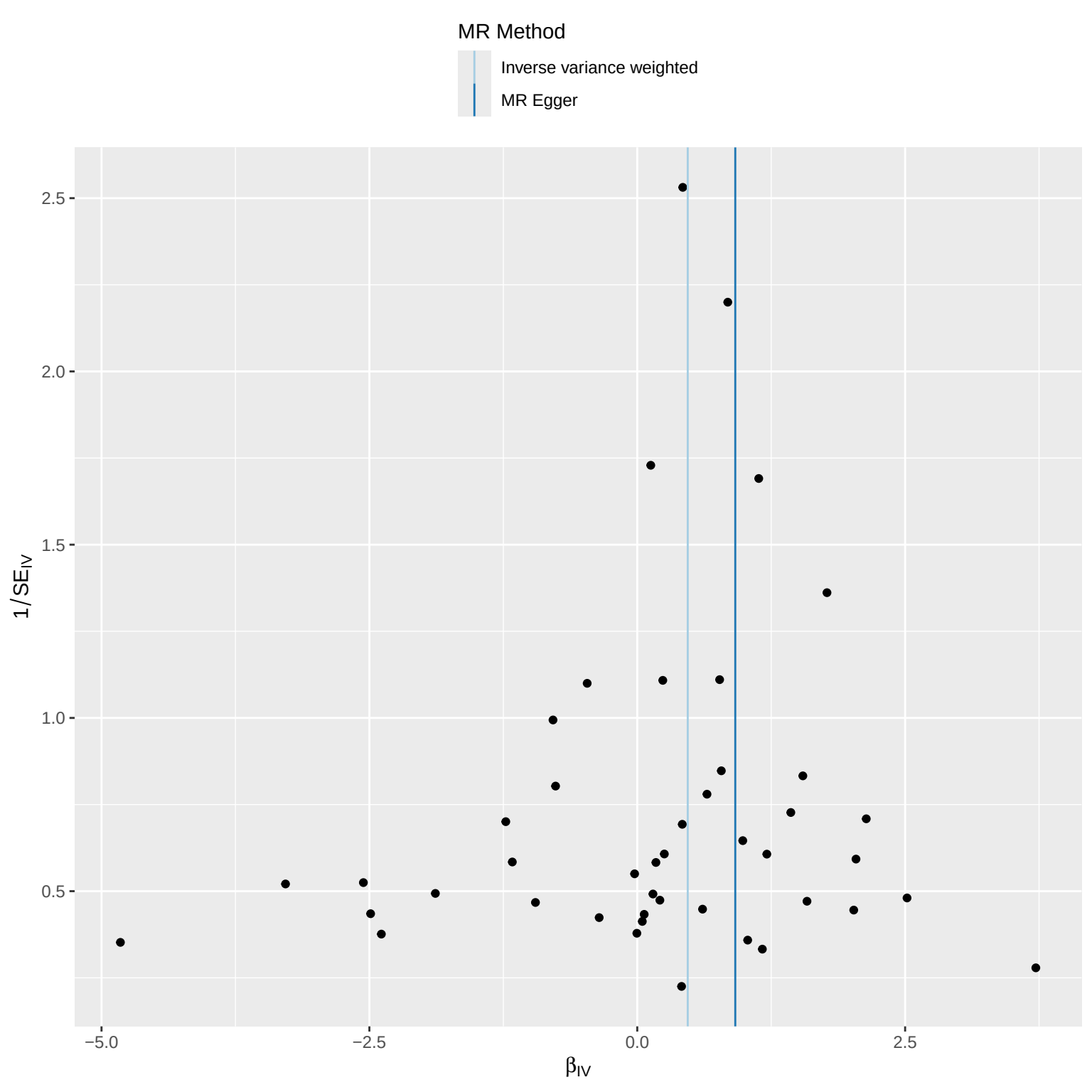

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
4
β_IV

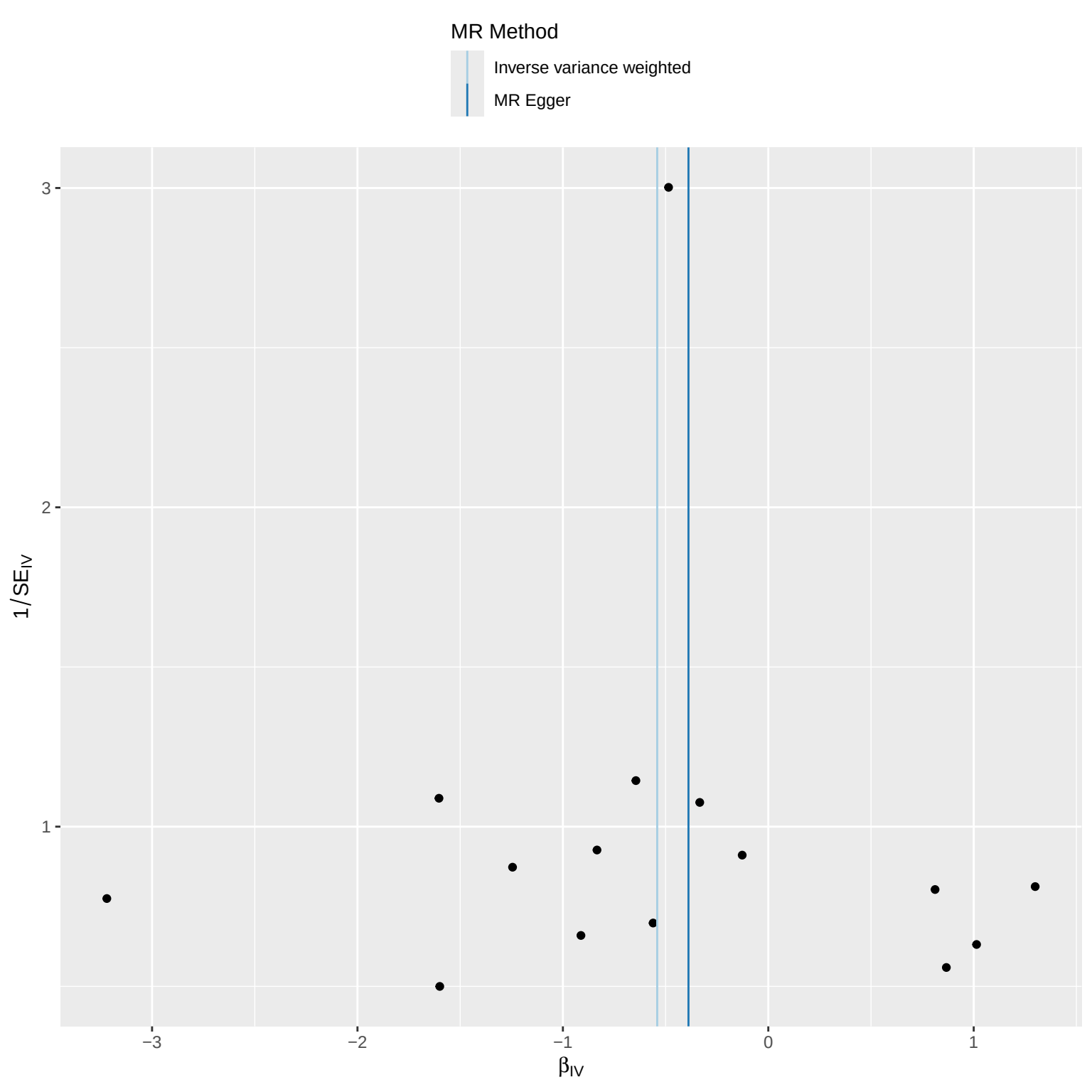

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

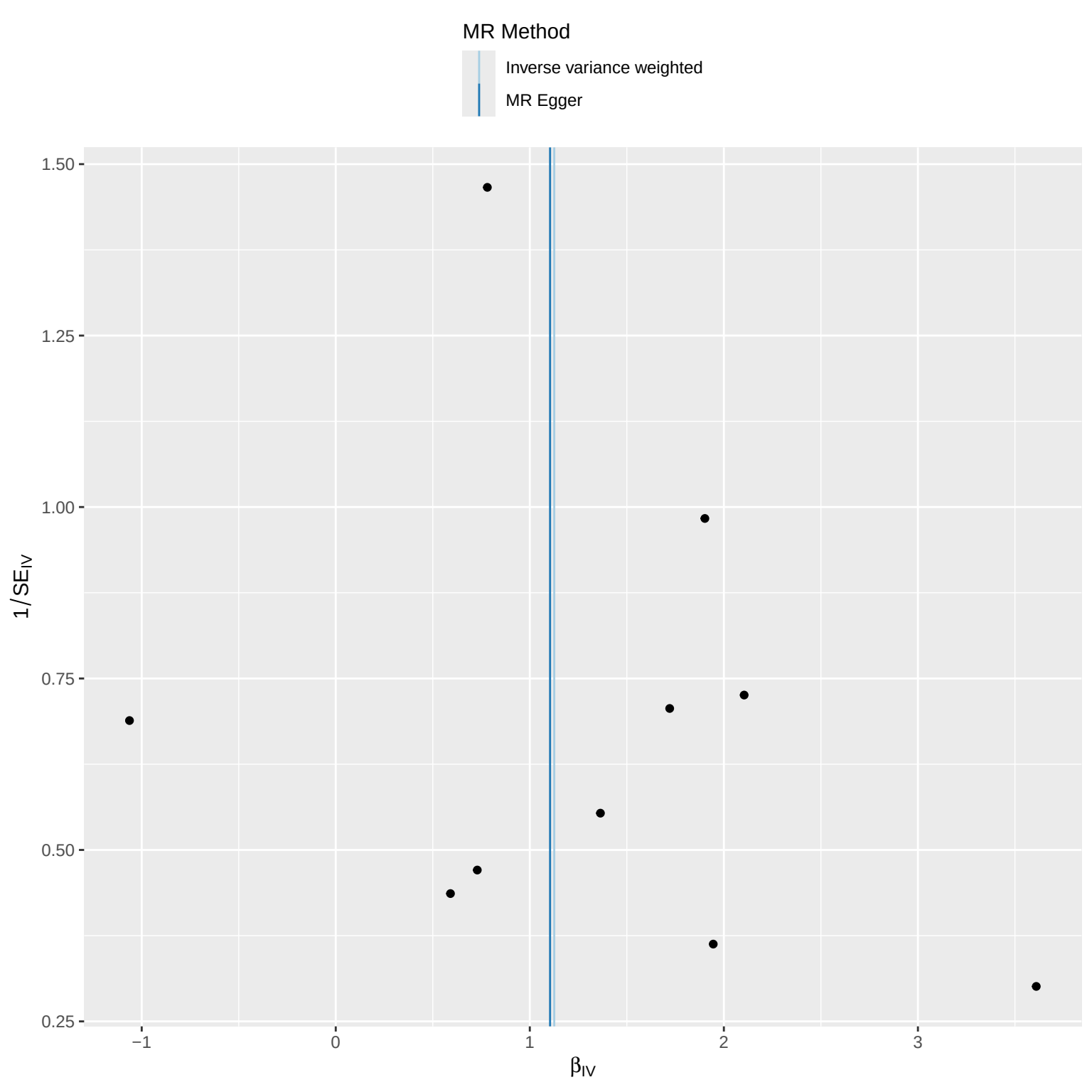

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

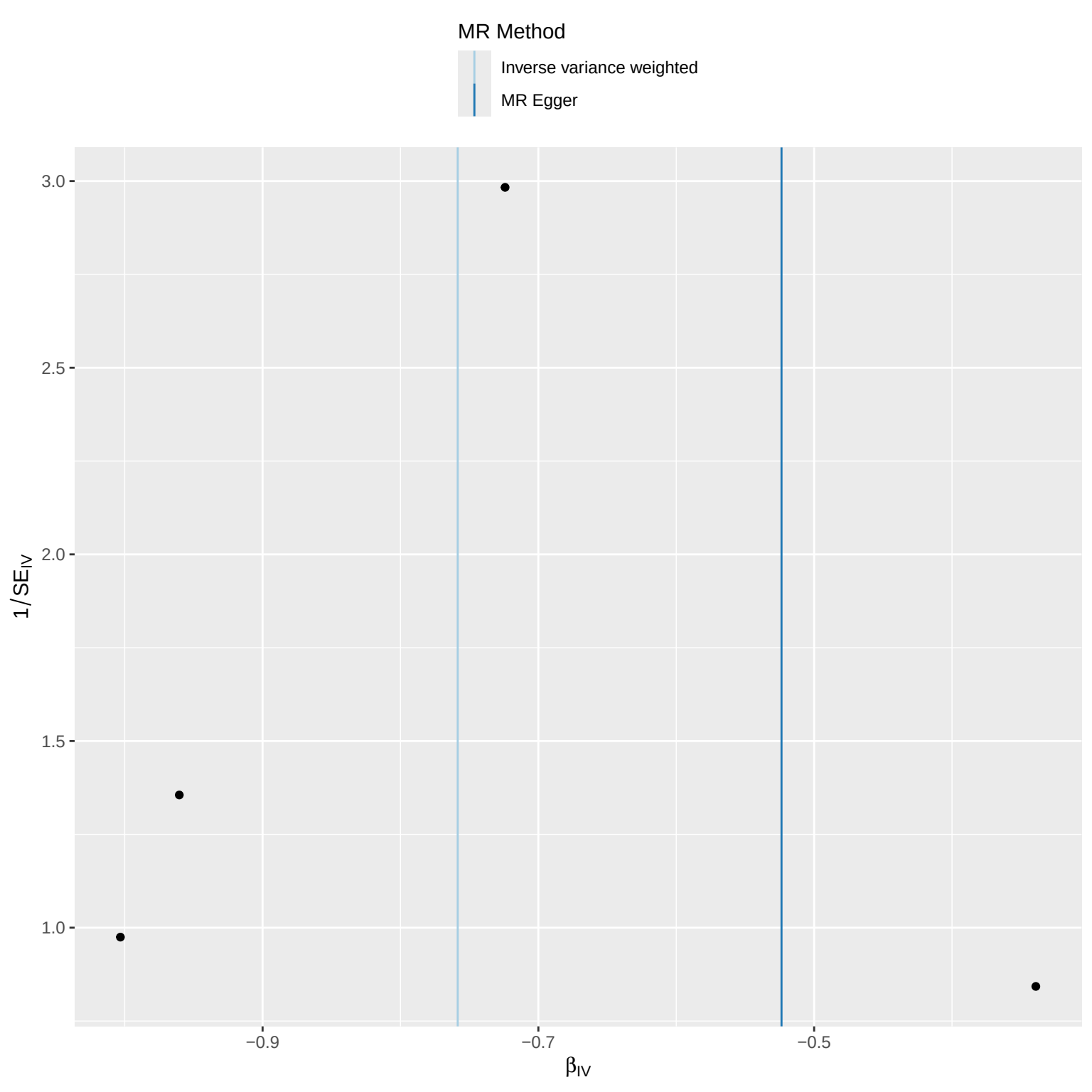

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

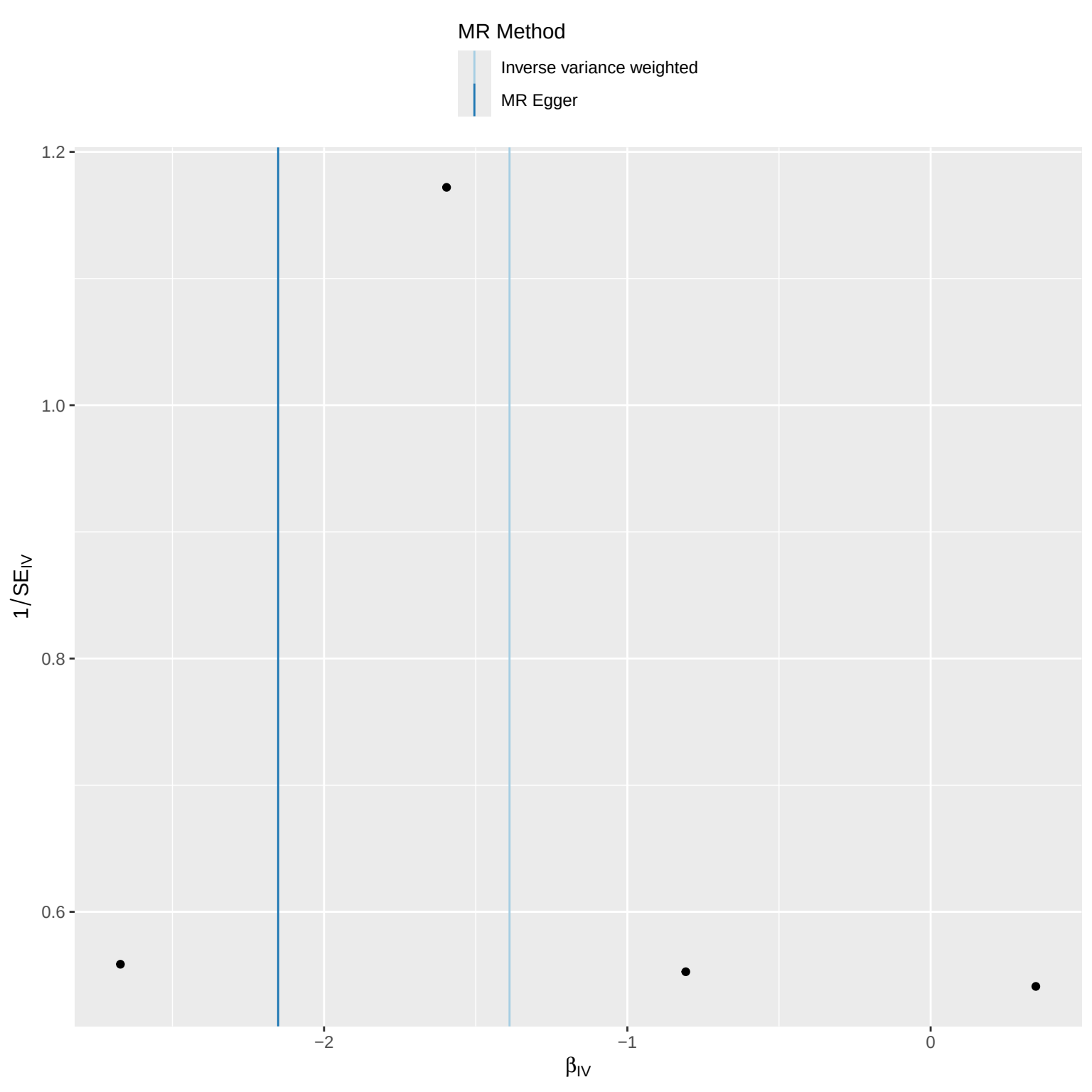

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

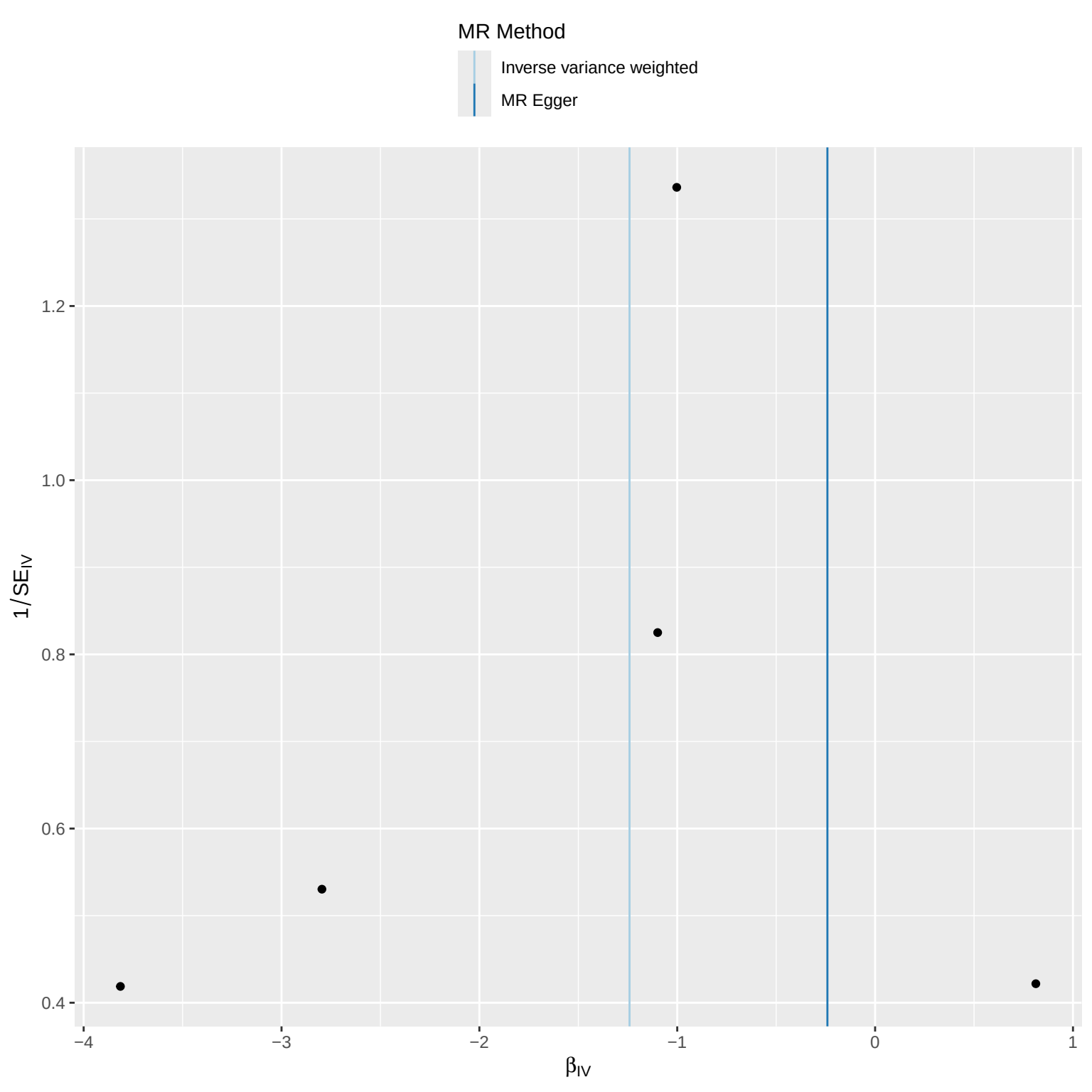

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

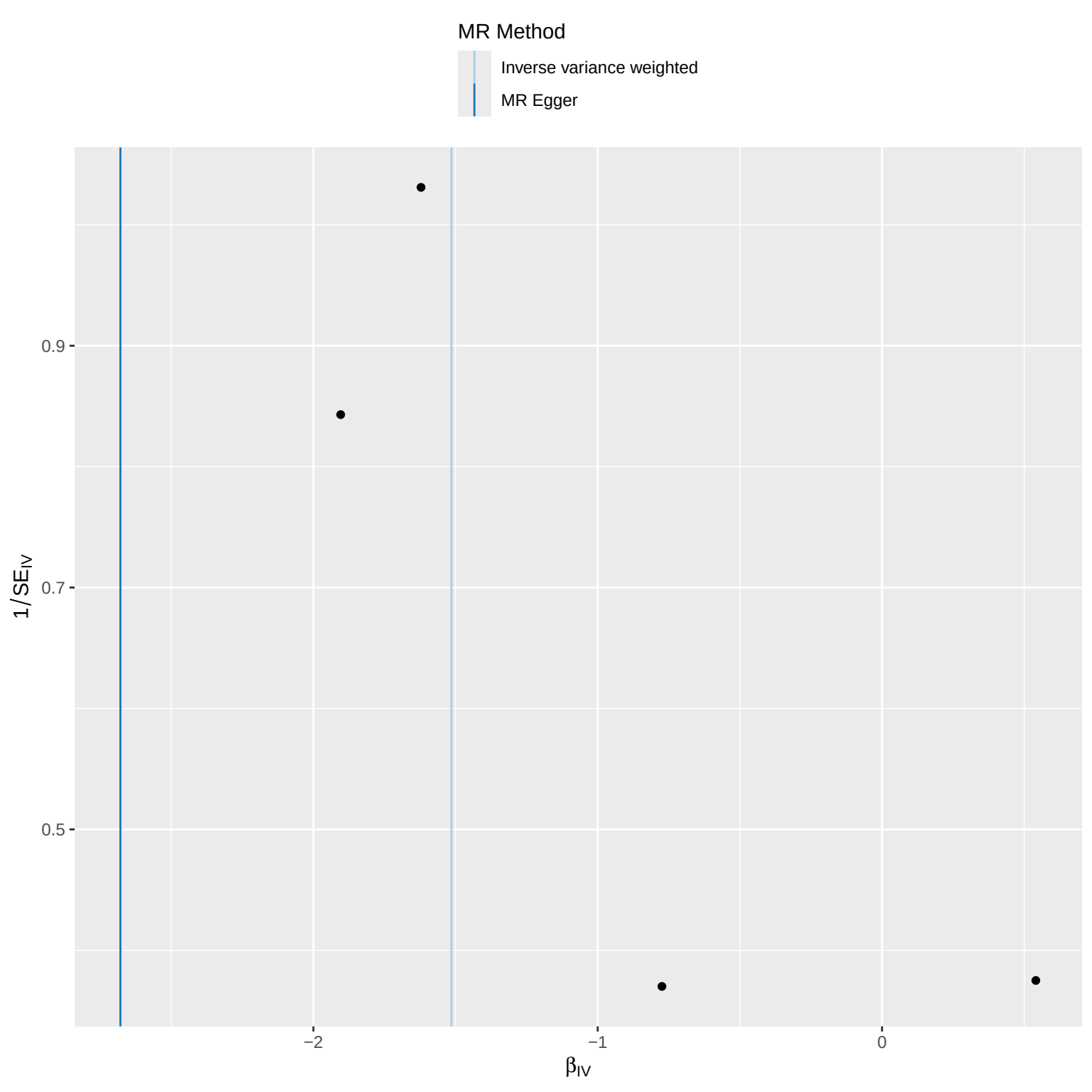

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−3
−2
−1
0
1
β_{IV}

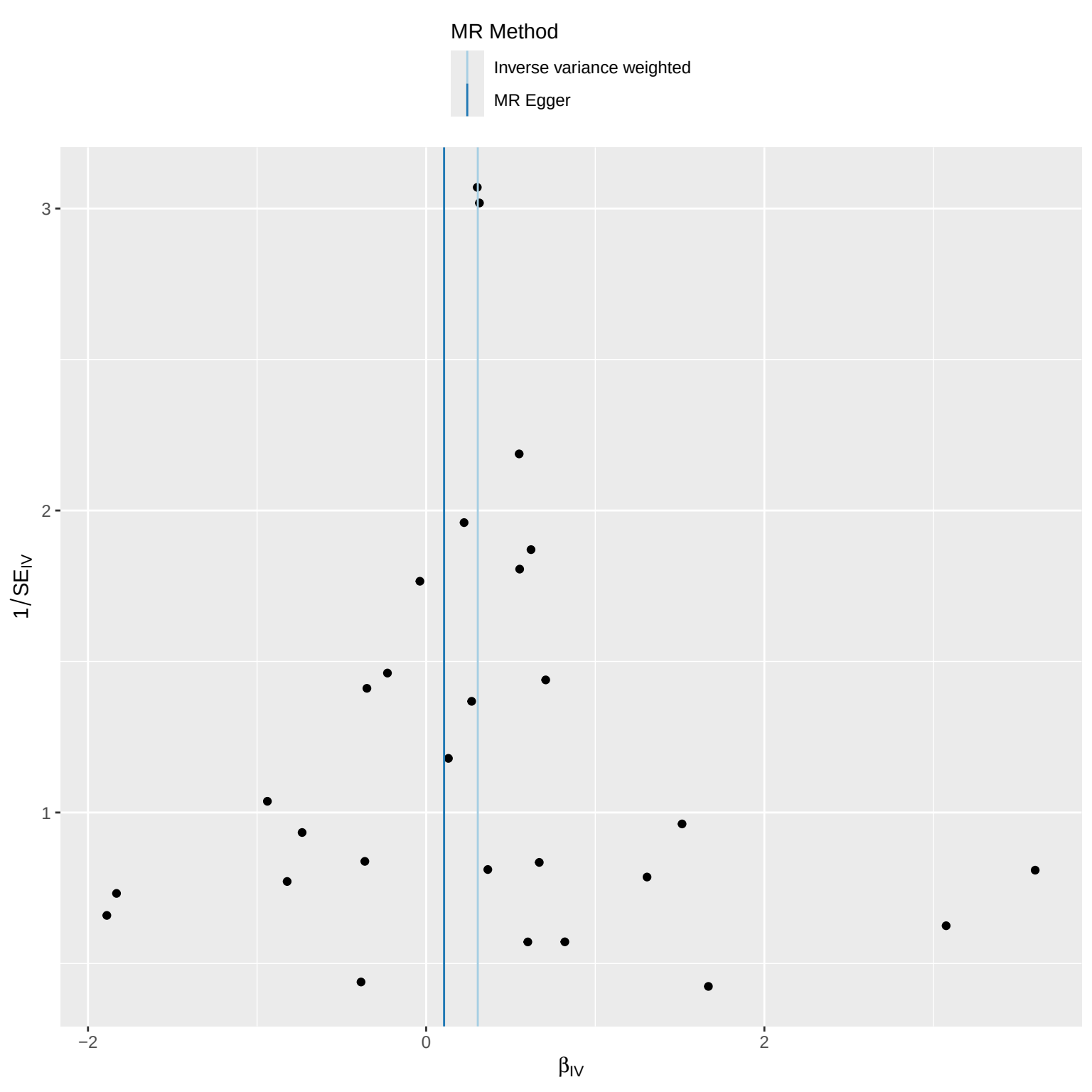

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−1
0
1
2
3
β_IV

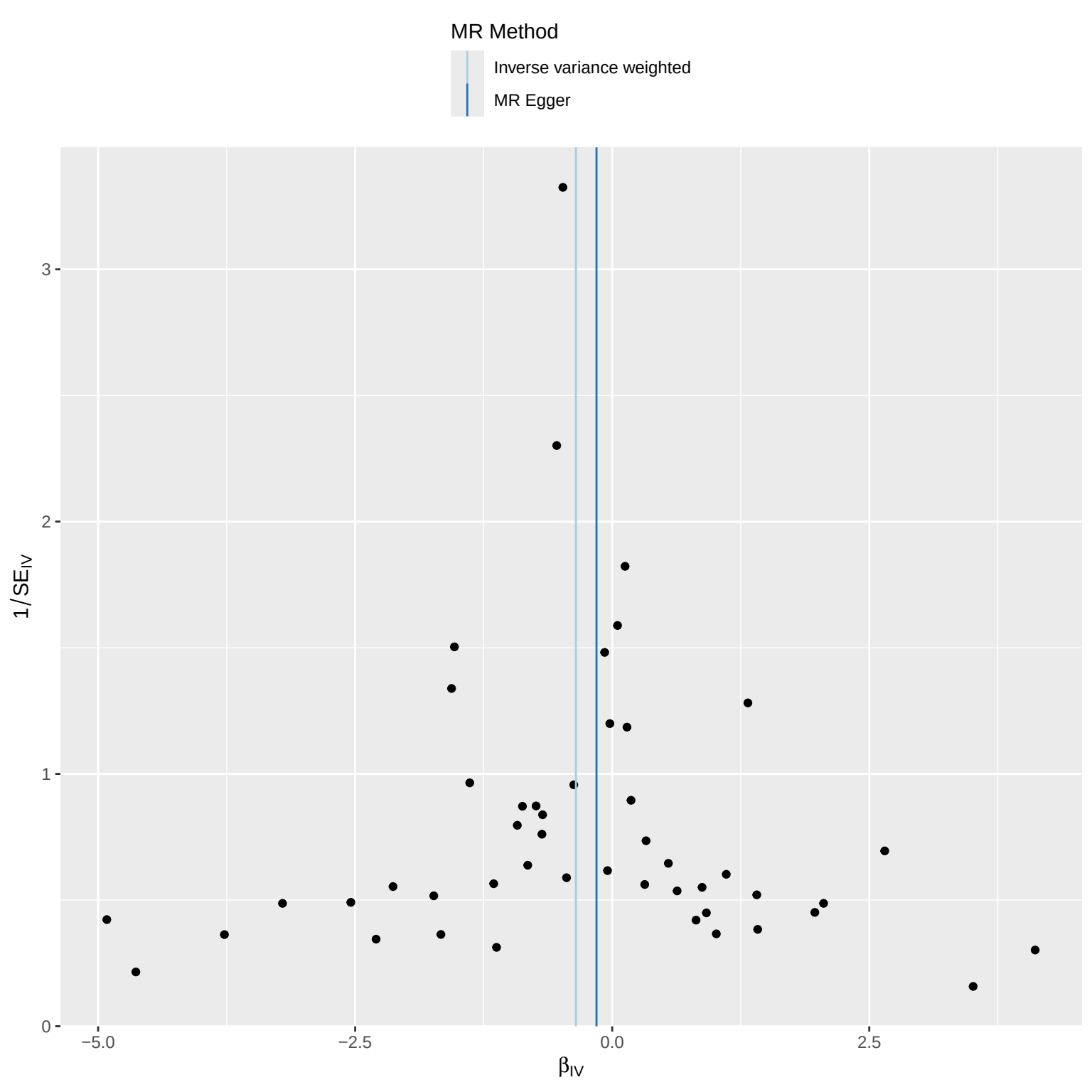

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.9
−0.7
−0.5
β_IV

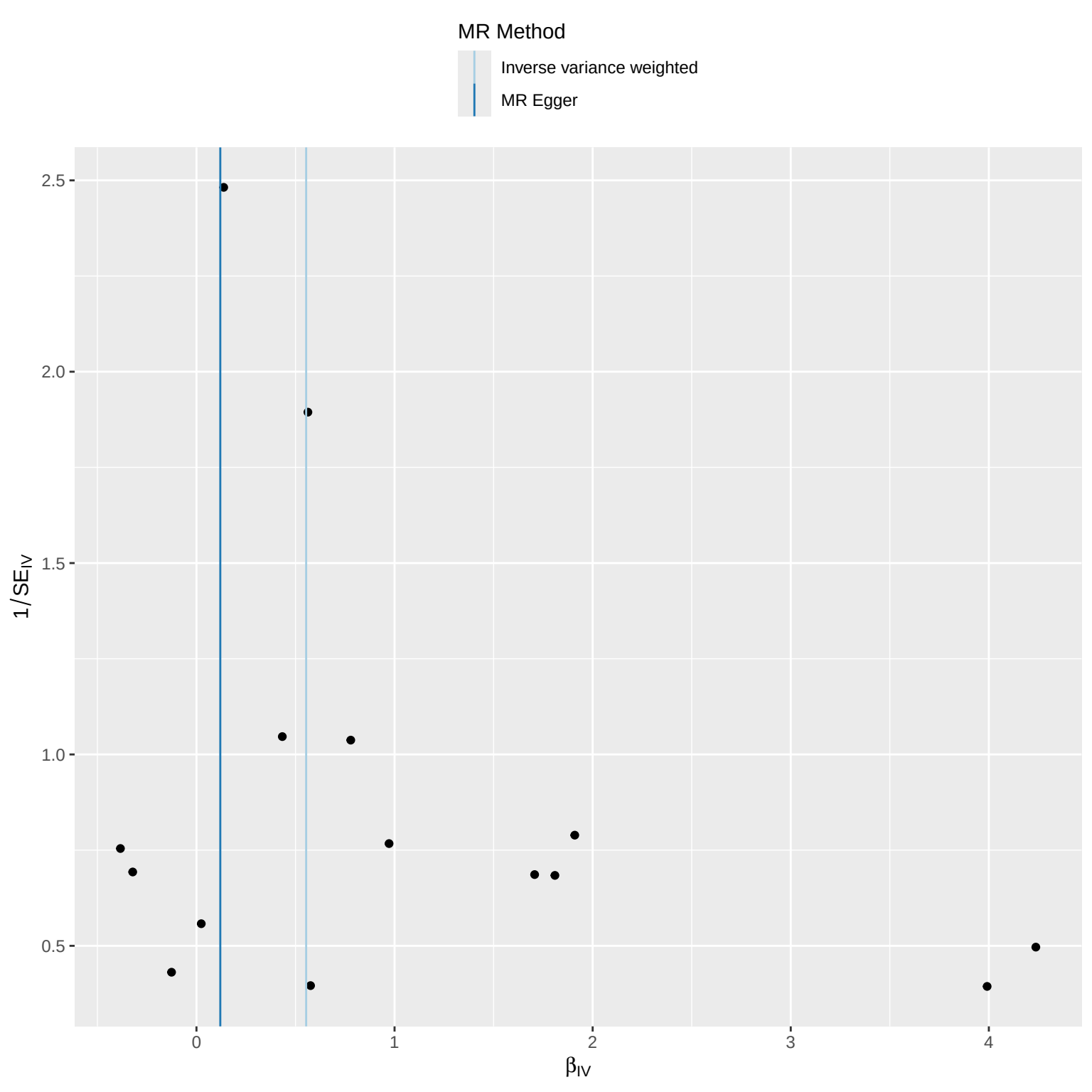

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2
−1
0
β_IV

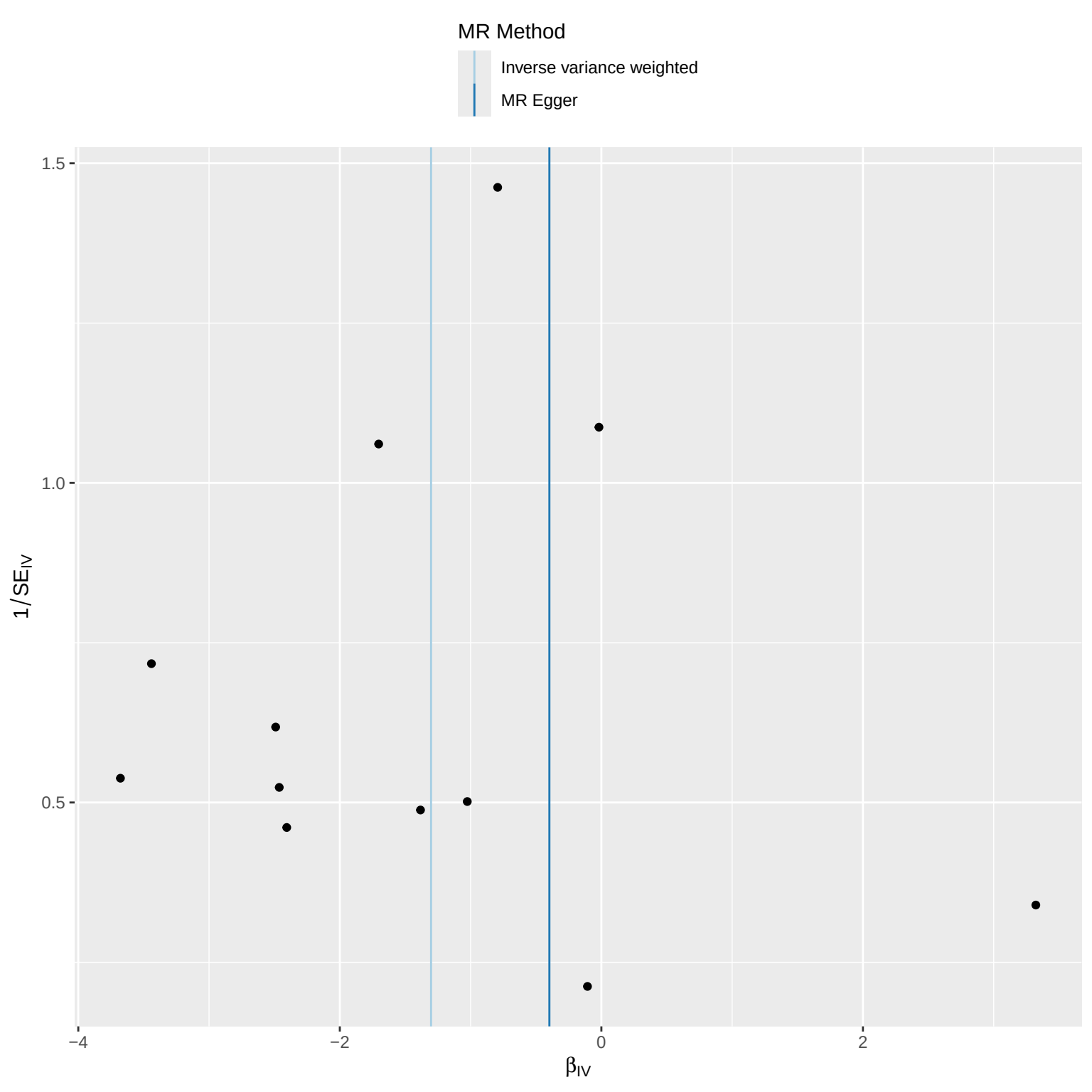

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

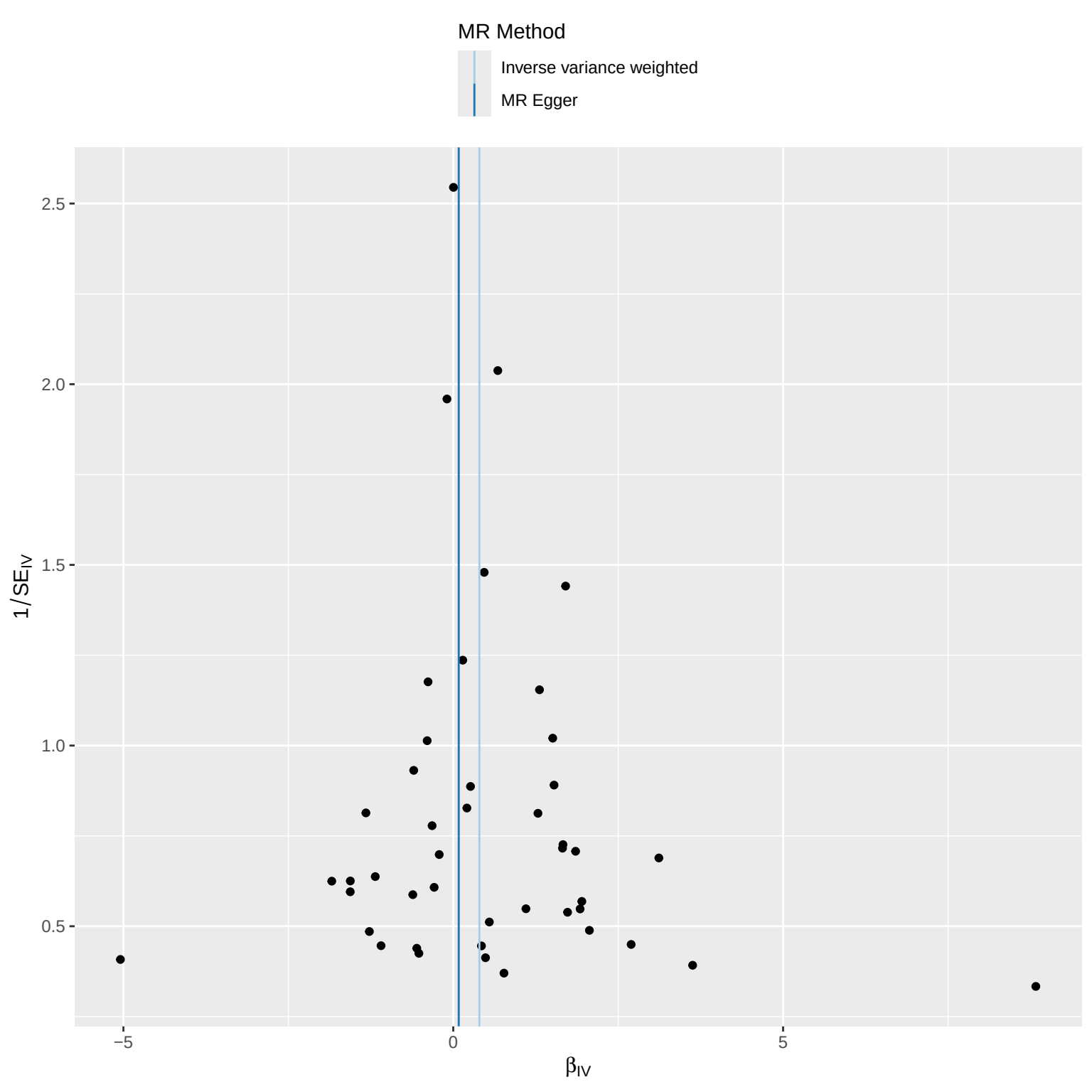

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
1/SE_IV
−2
−1
0
β_IV

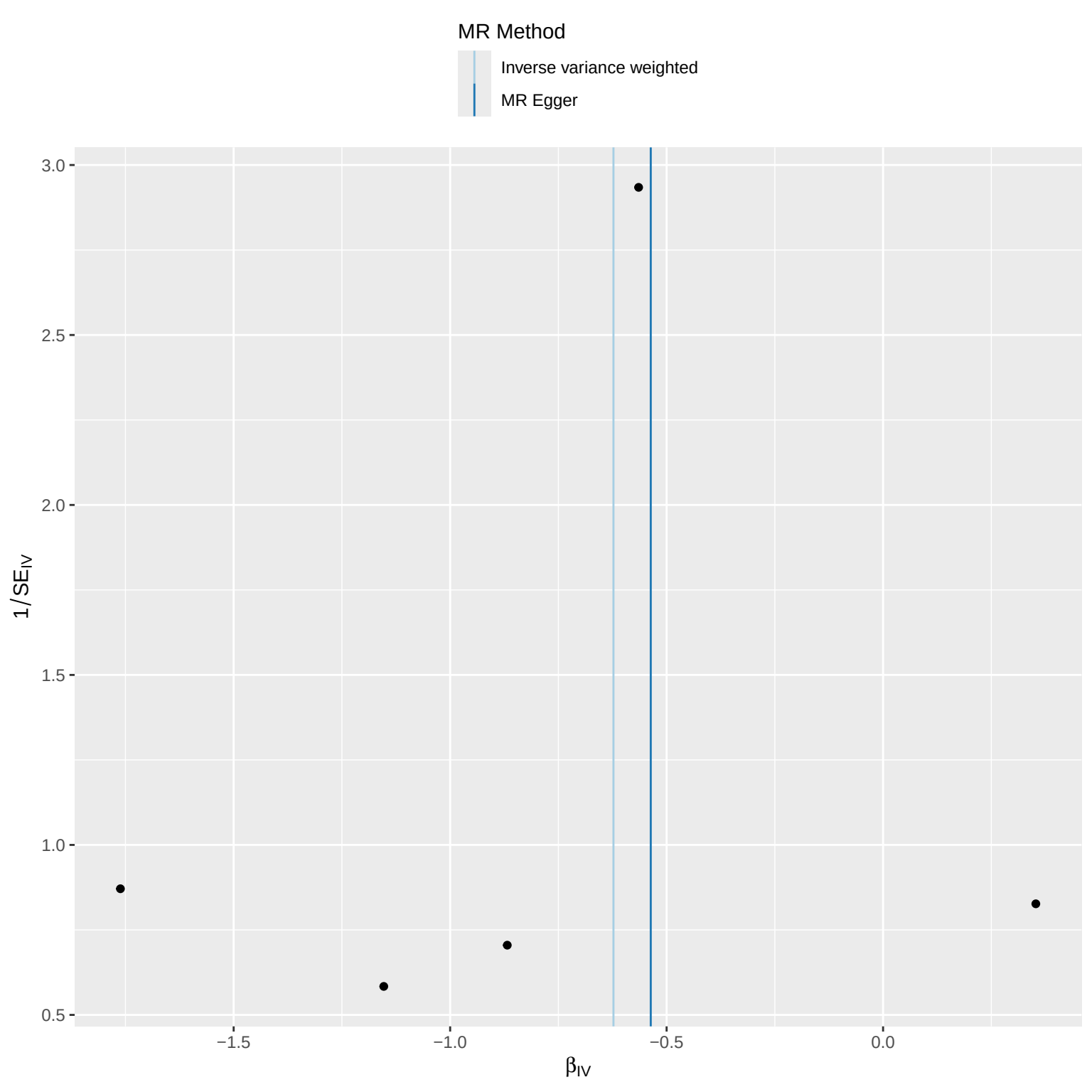

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

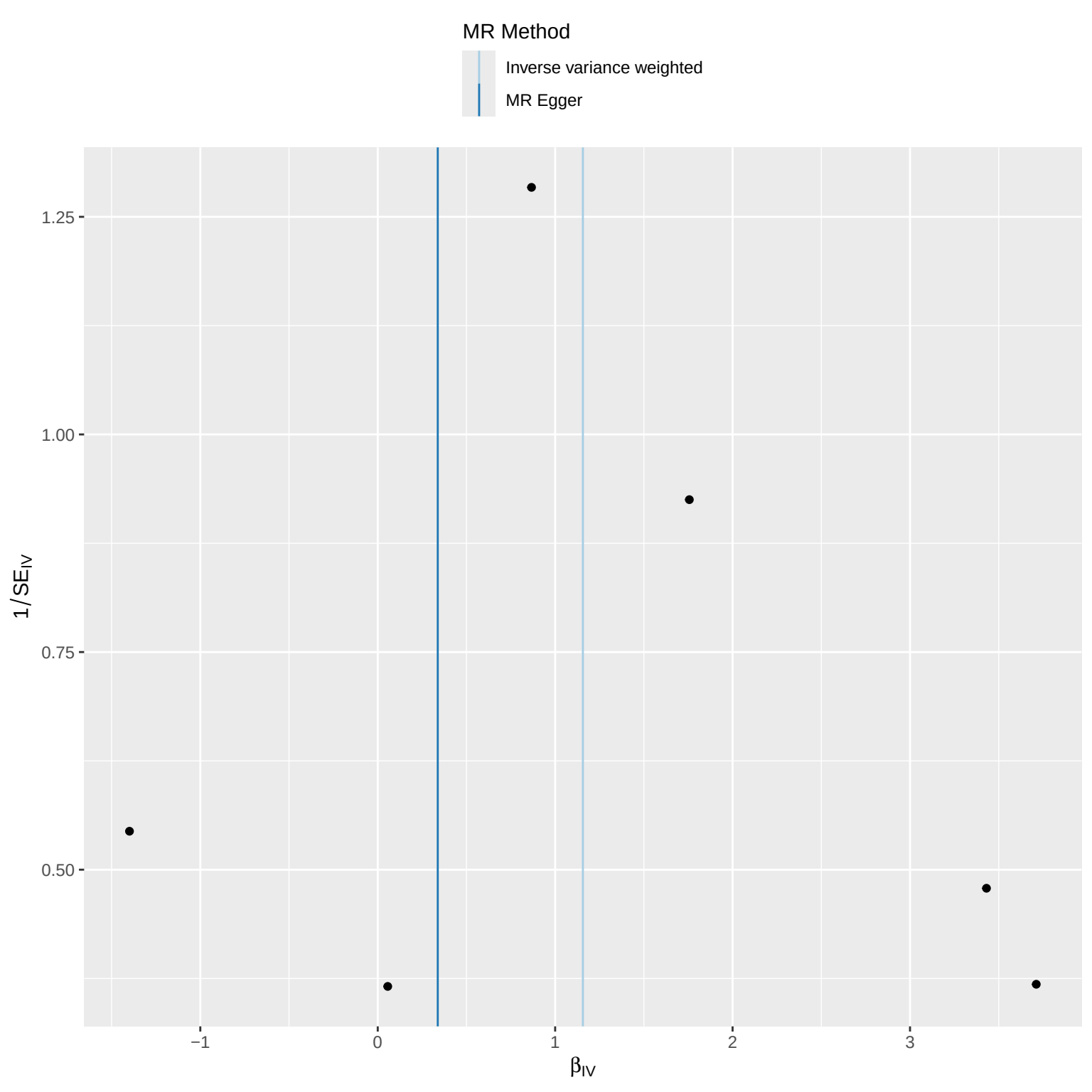

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

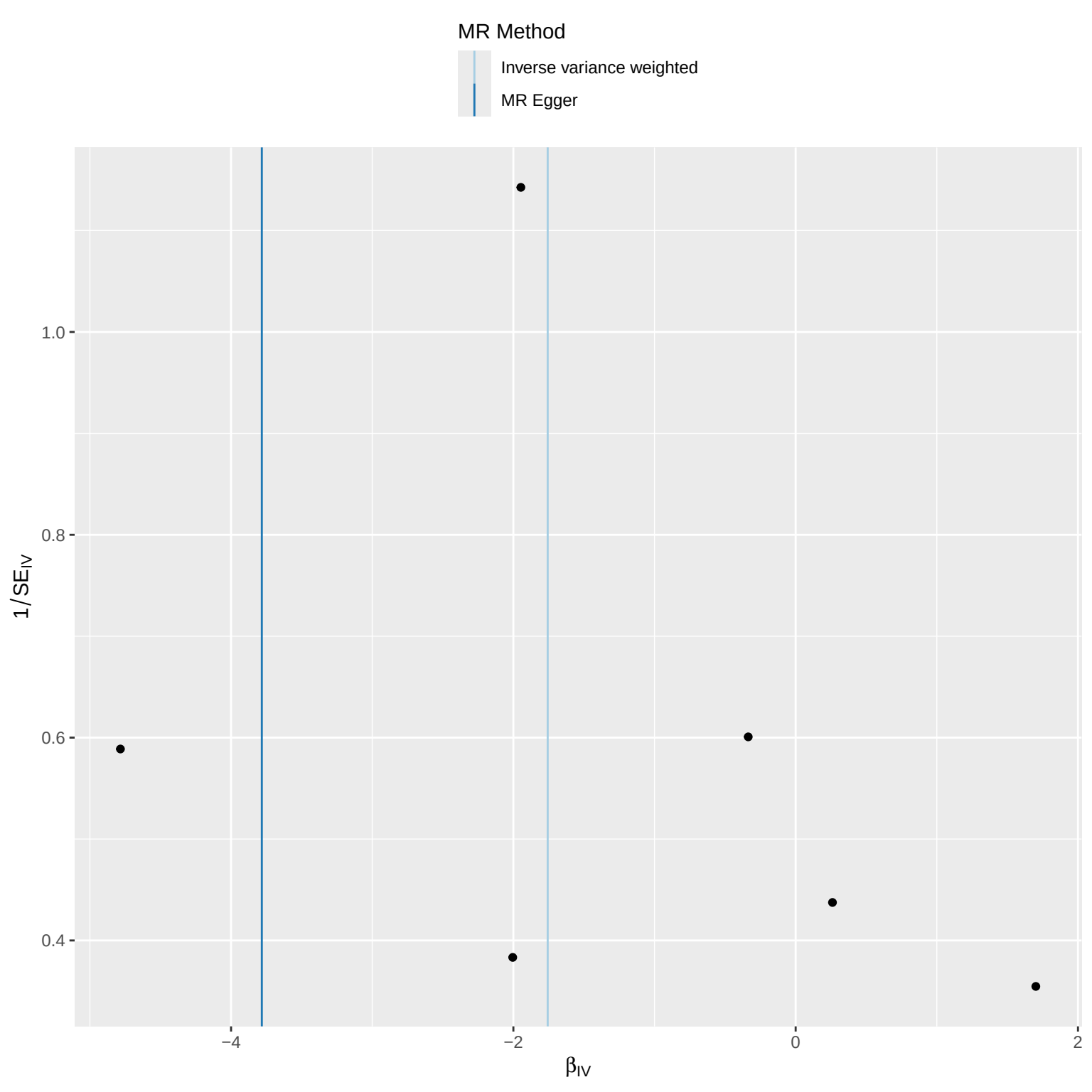

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
β_IV

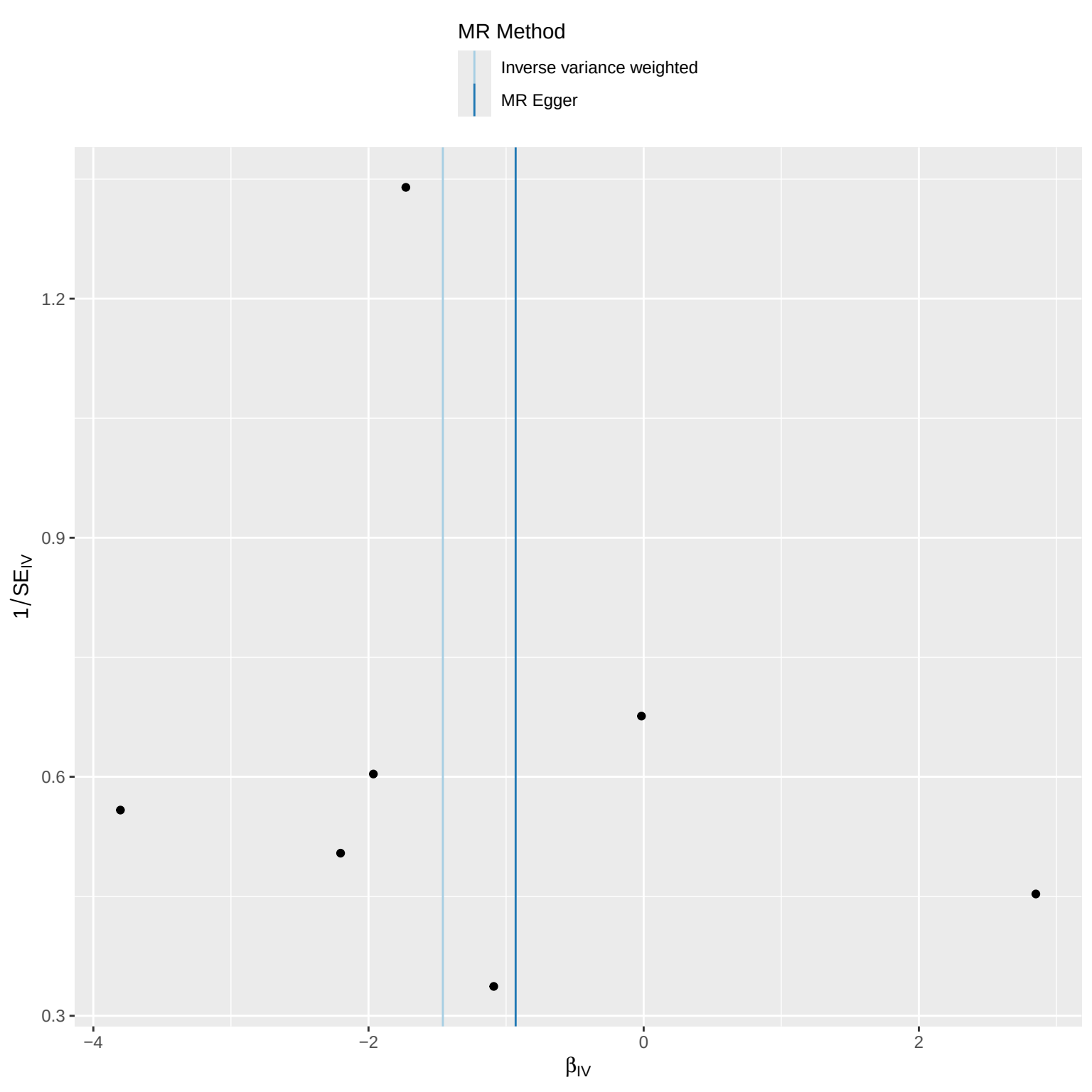

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

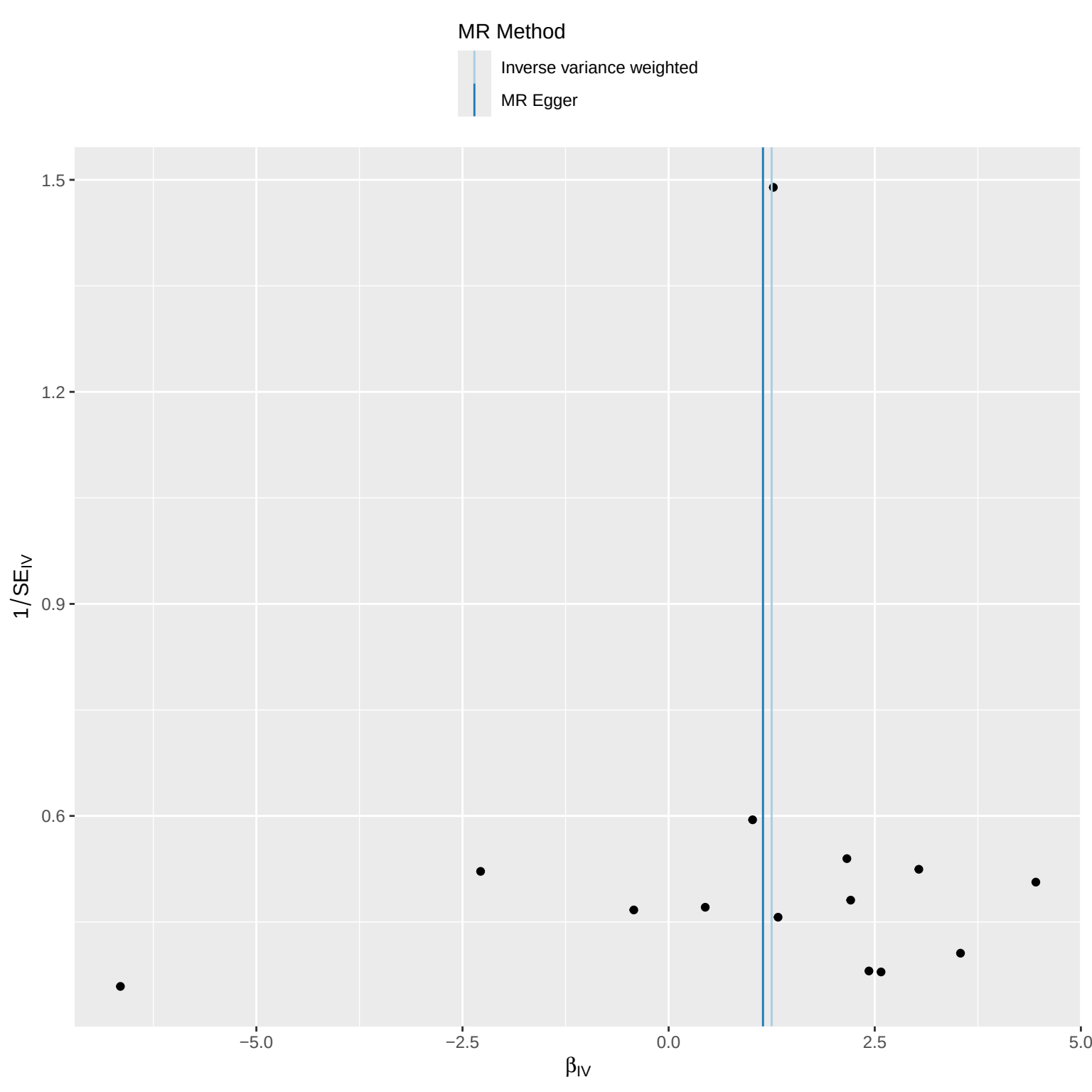

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5
0
5
β_IV

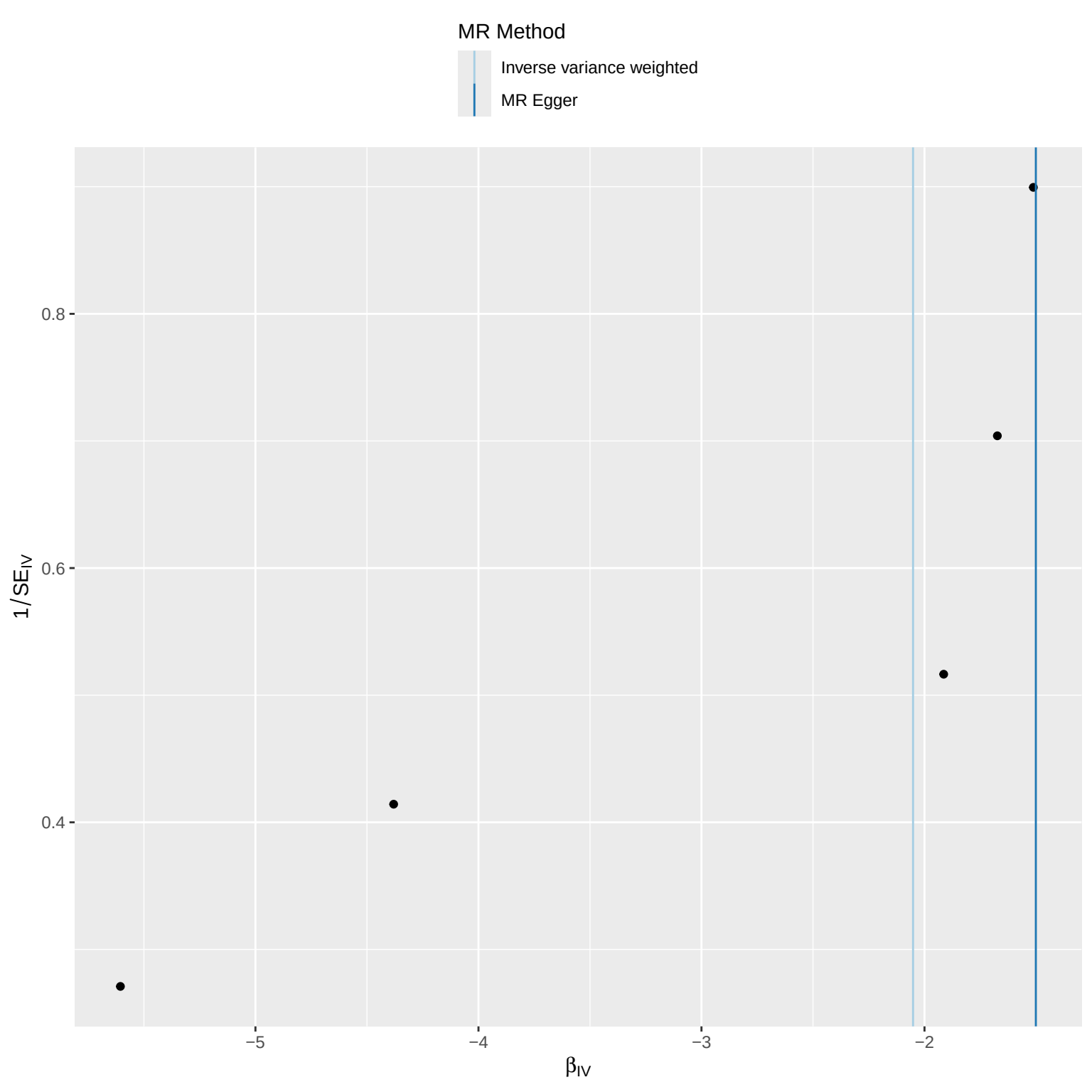

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

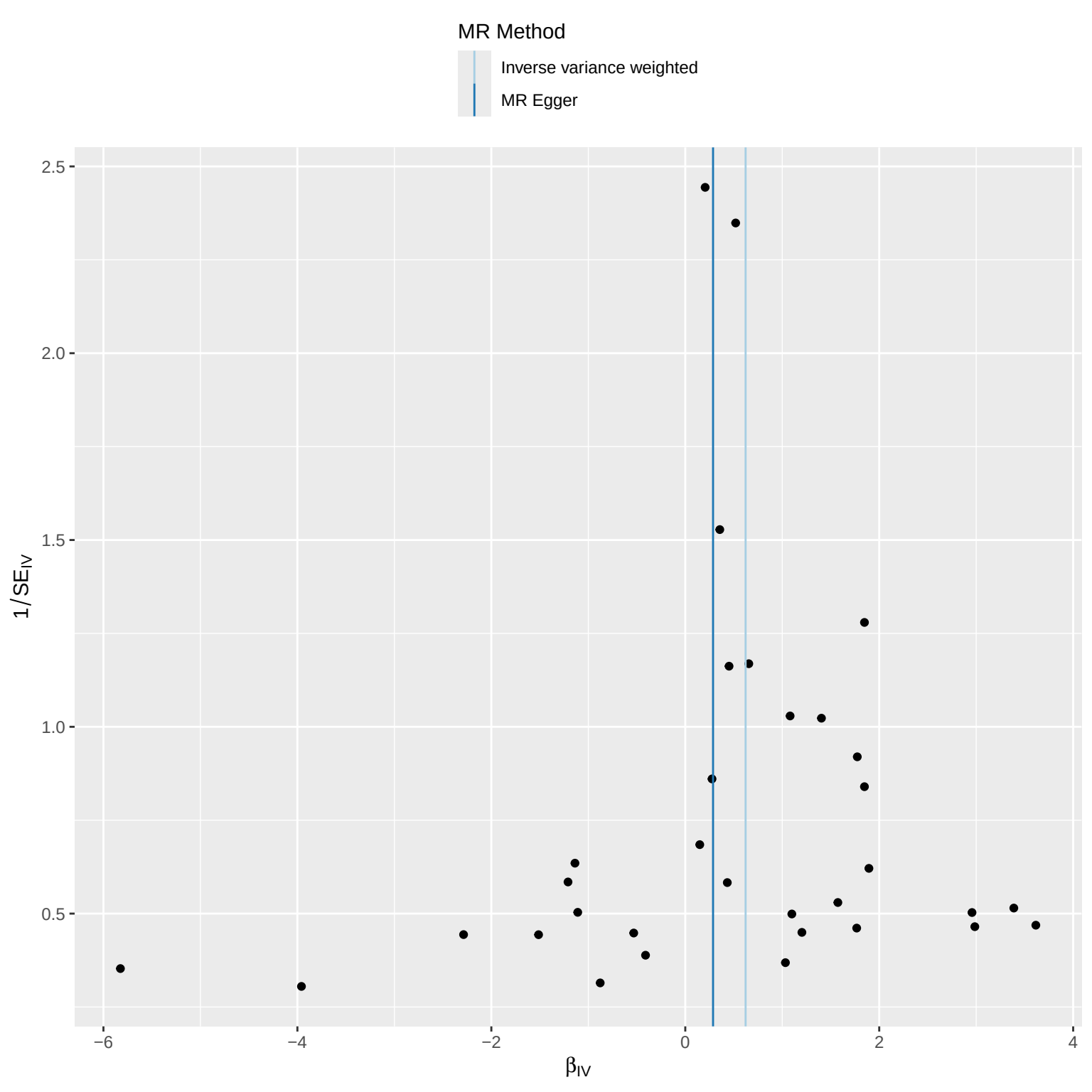

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

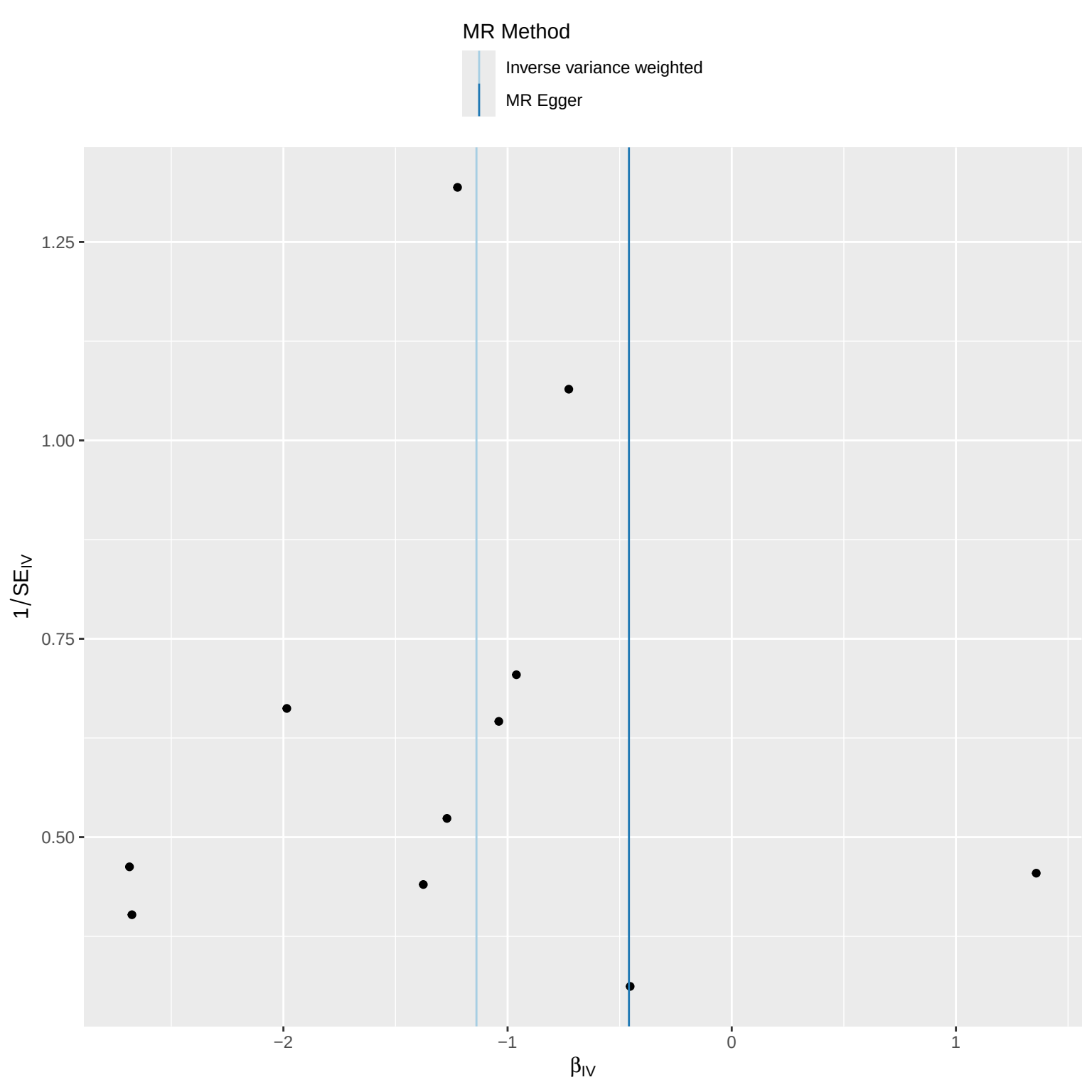

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−2
0
2
β_IV

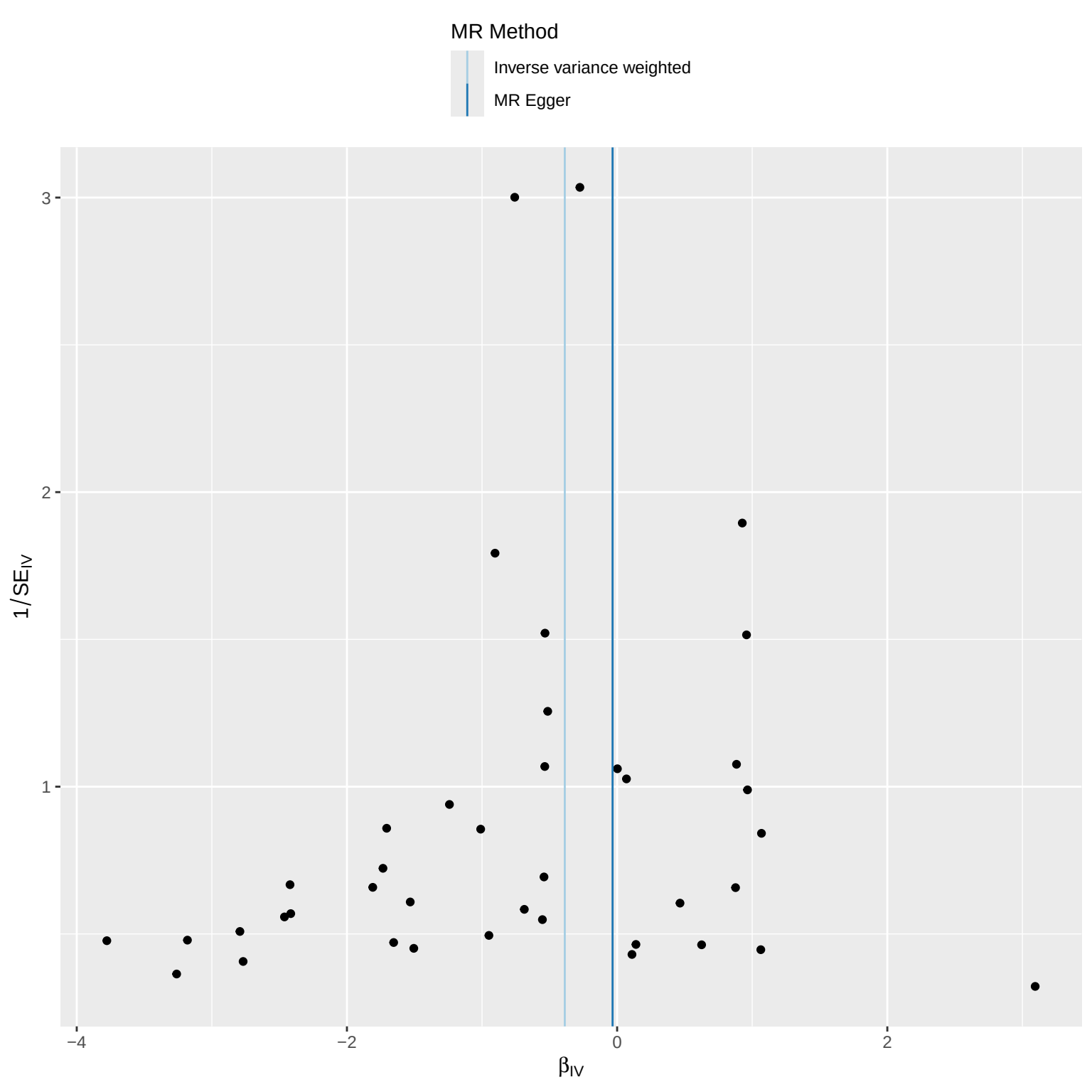

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

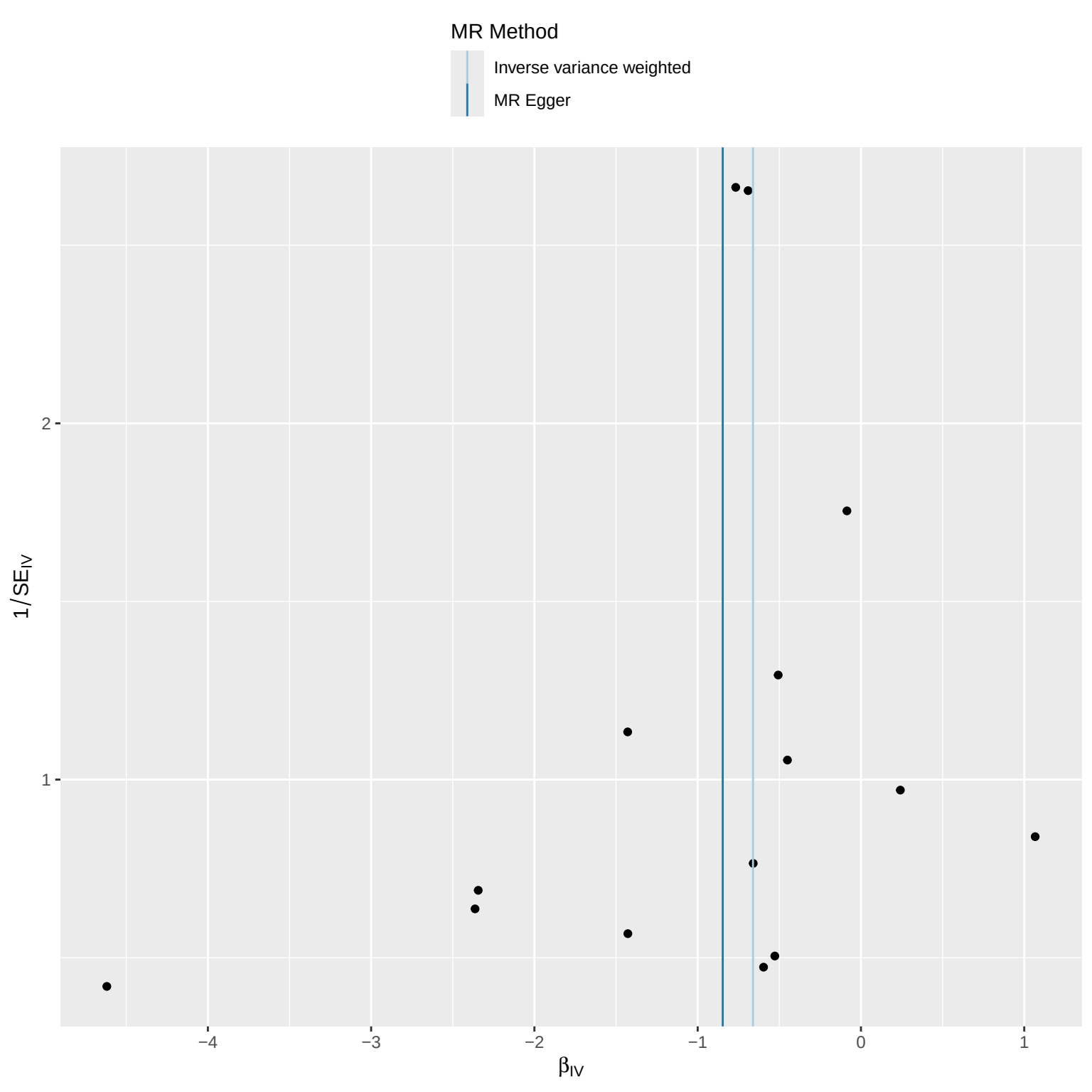

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

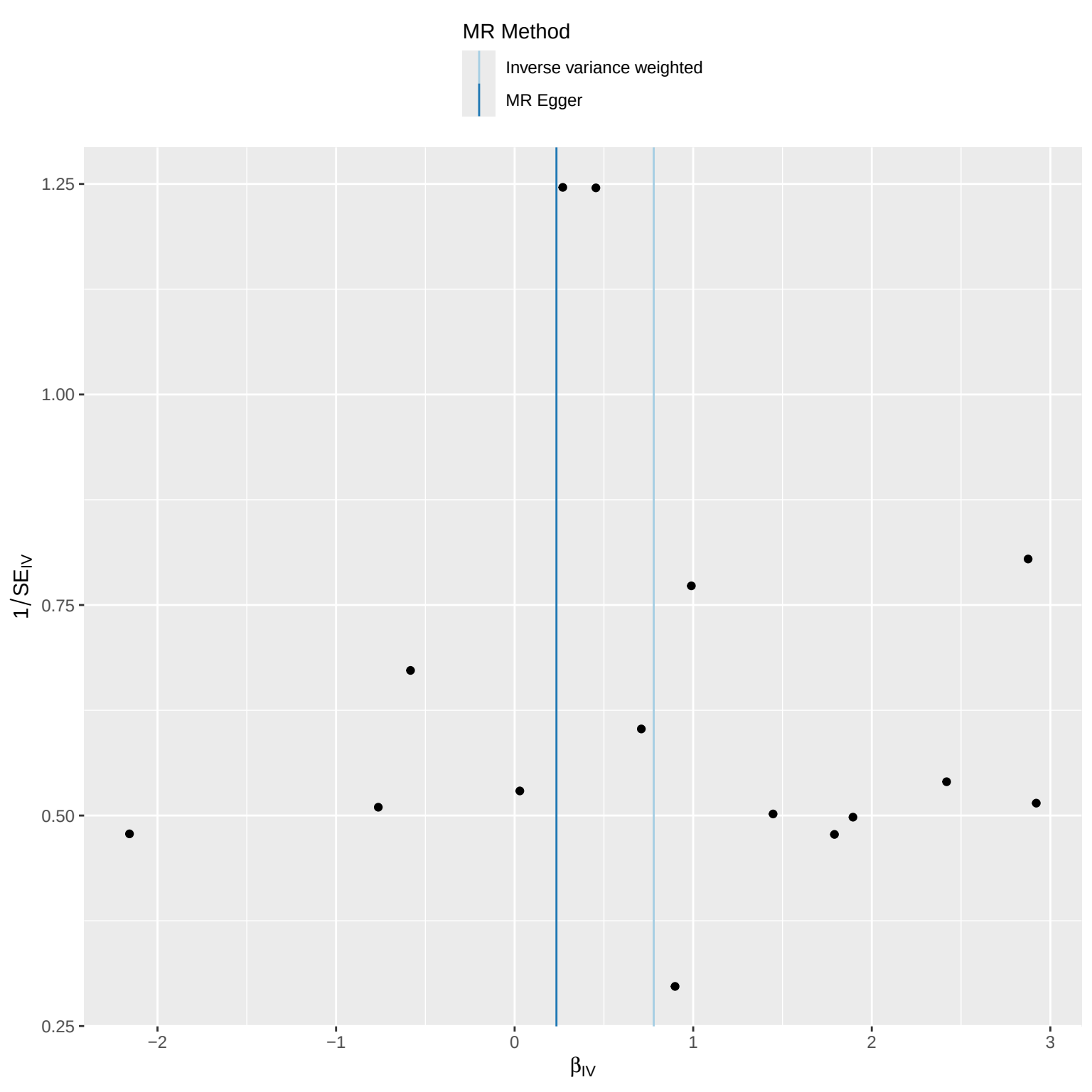

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−5
−4
−3
−2
β_IV

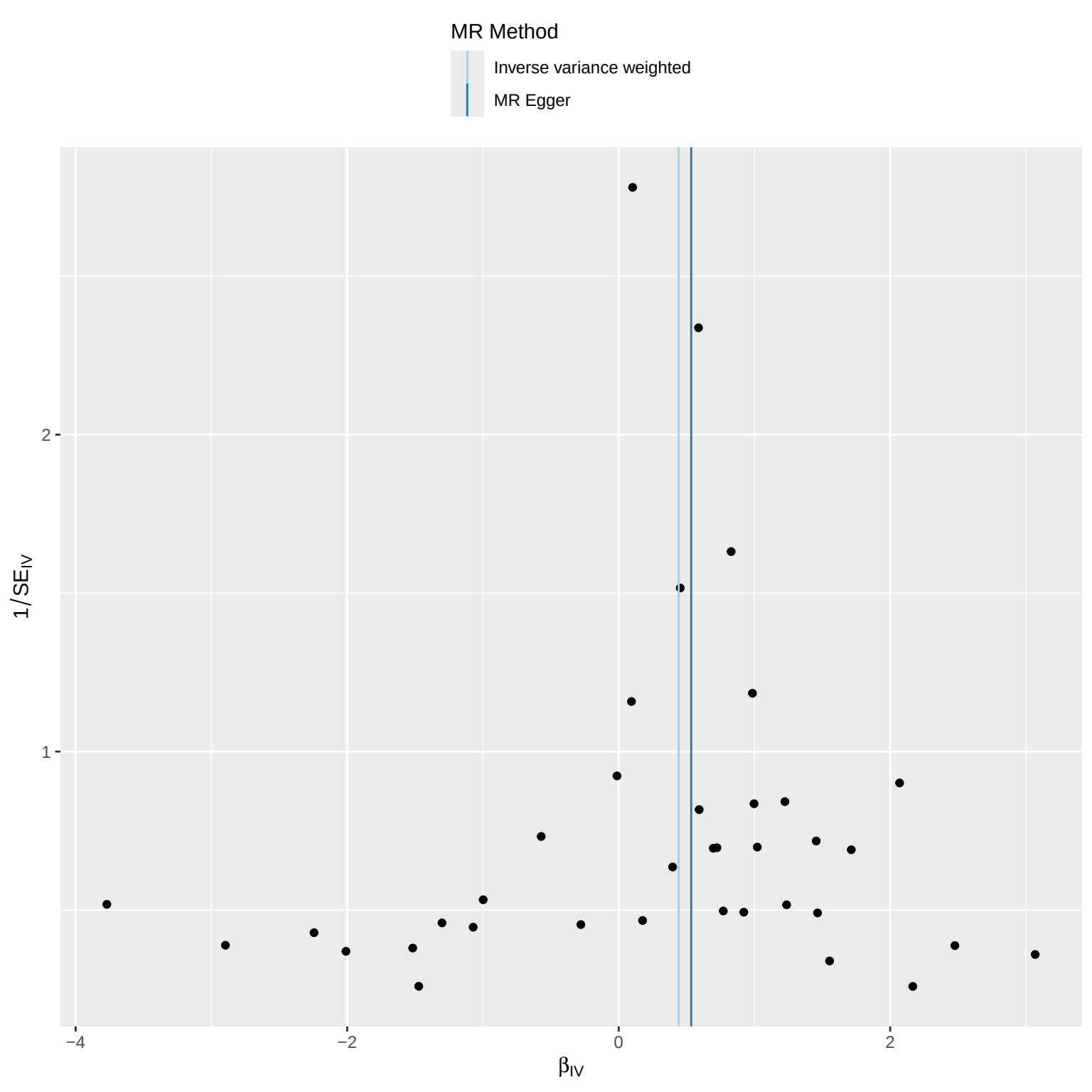

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
4
β_IV

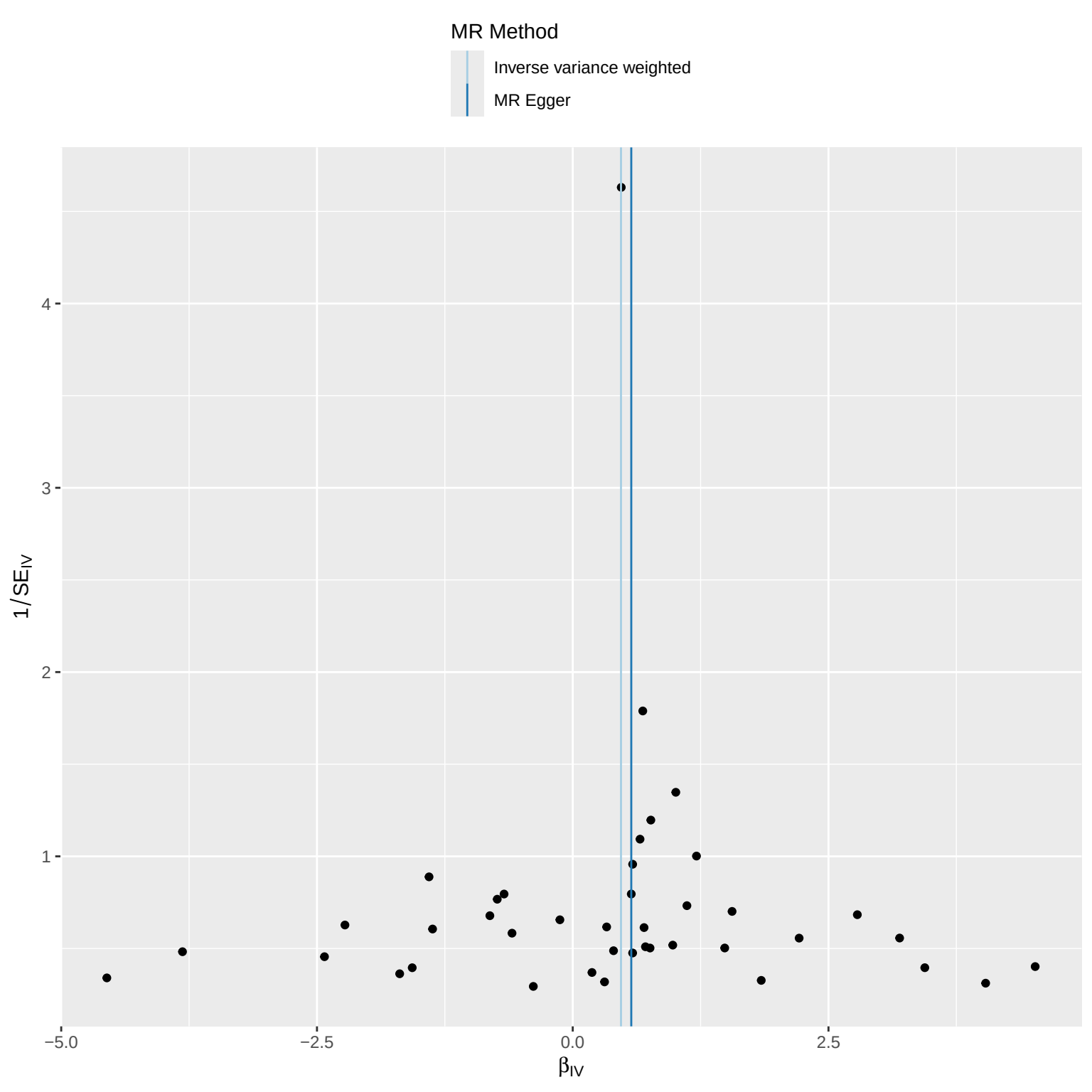

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
β_IV

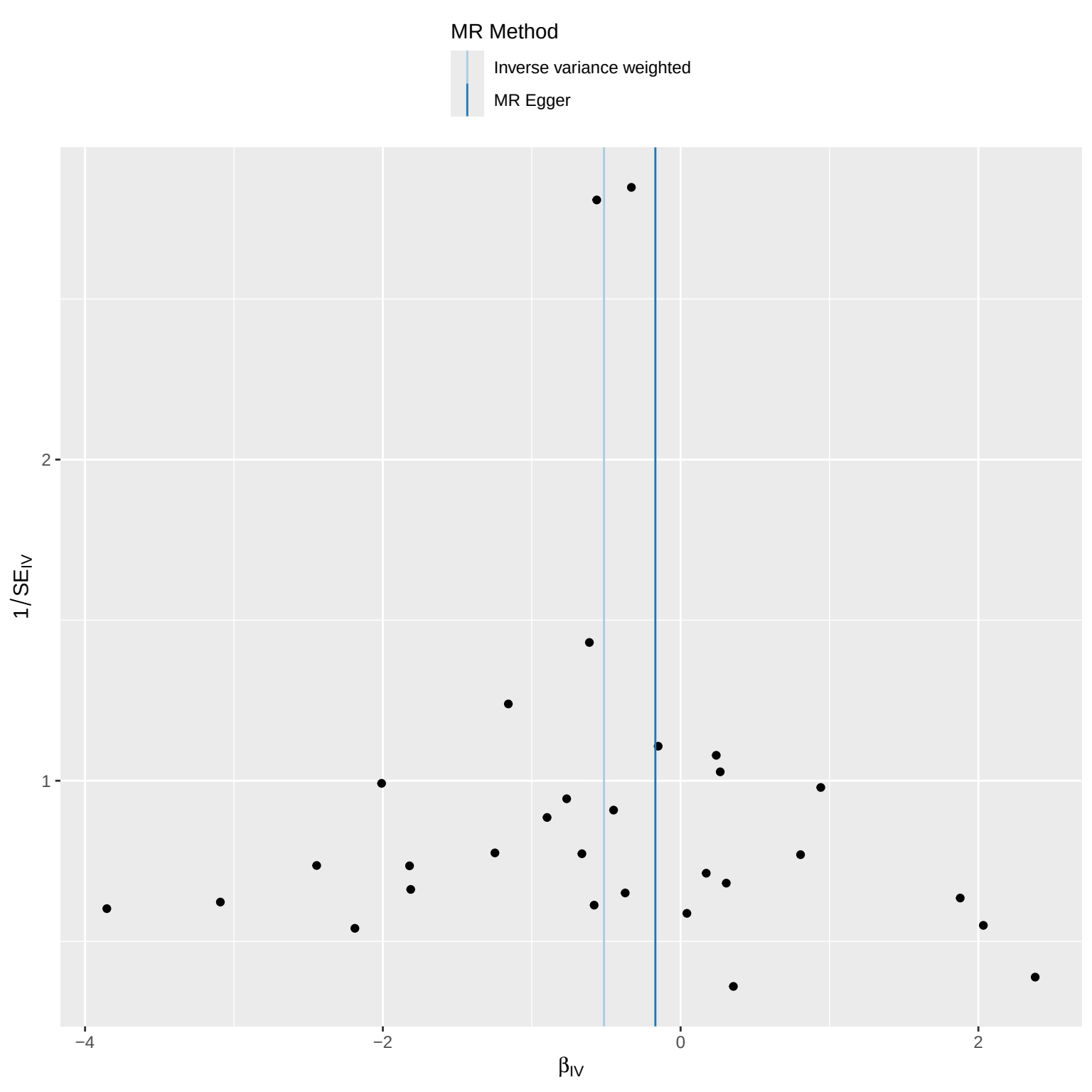

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

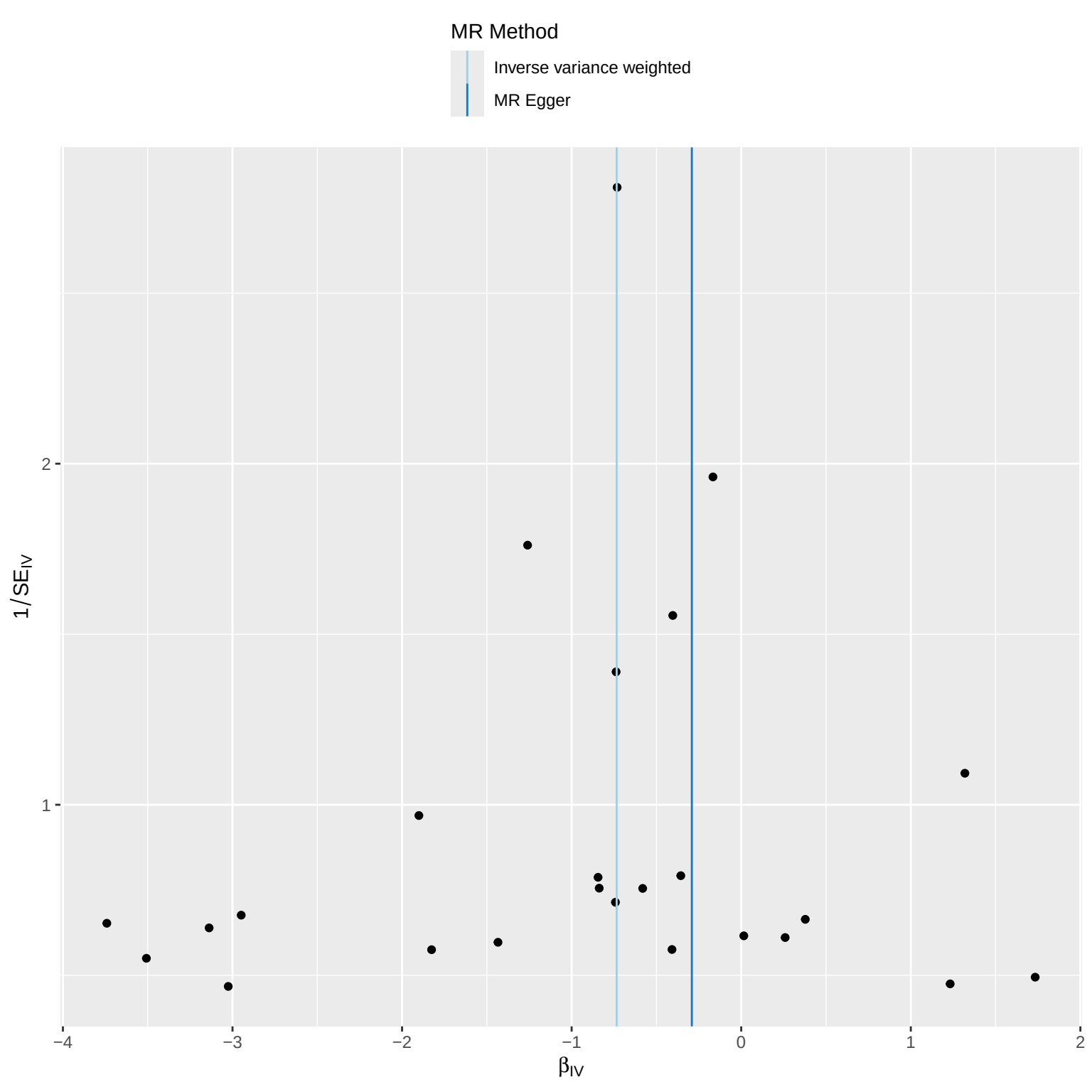

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

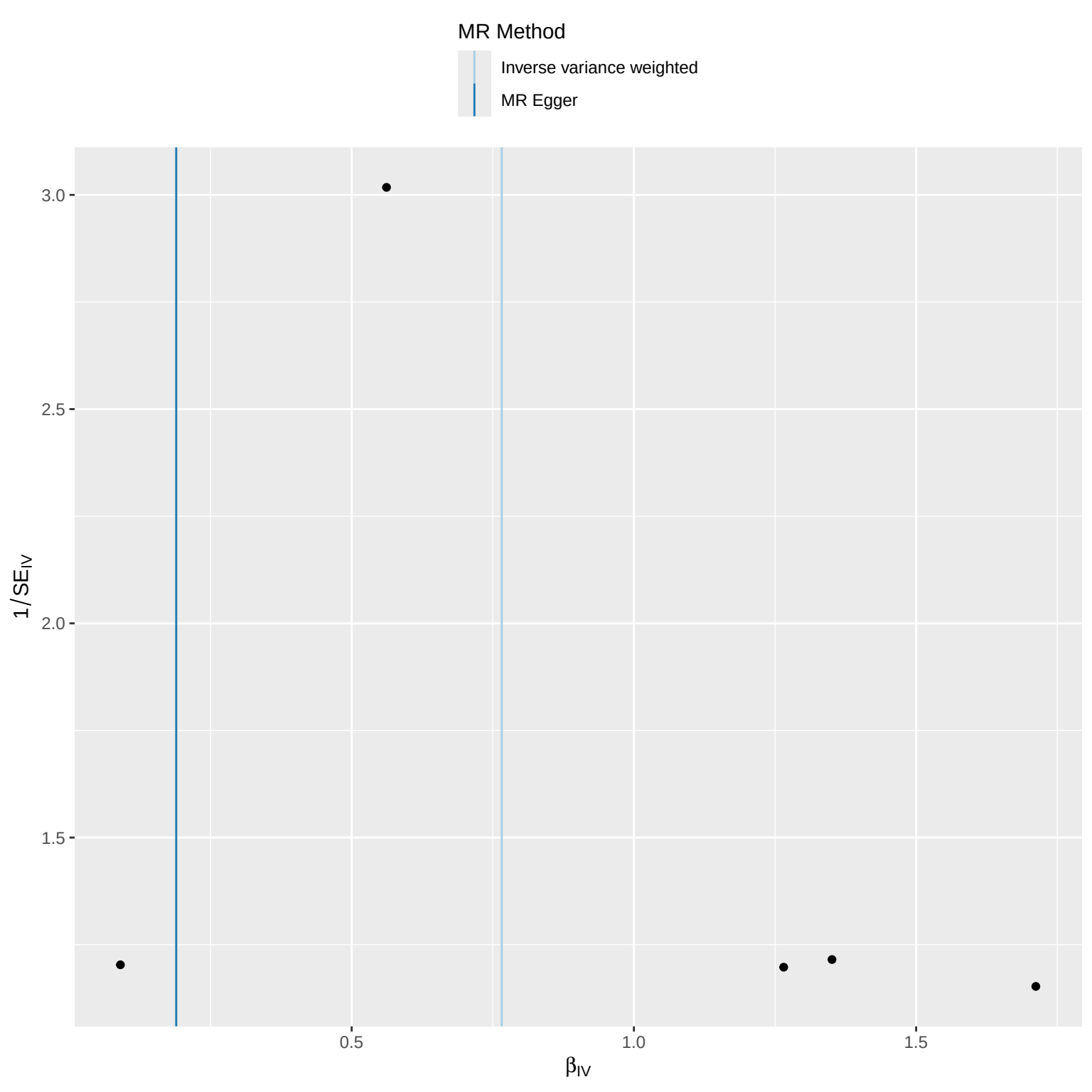

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
−1
0
1
2
3
β_IV

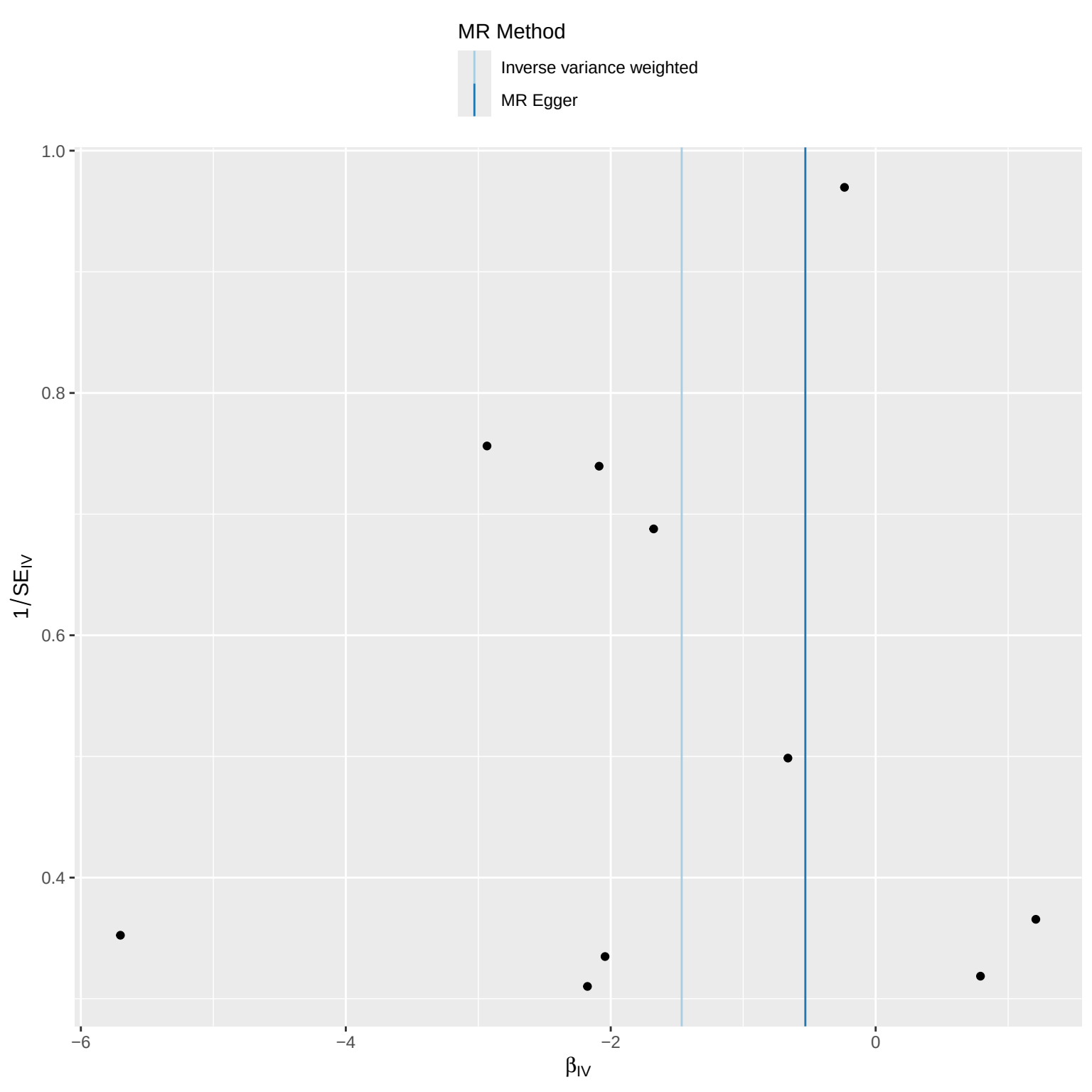

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

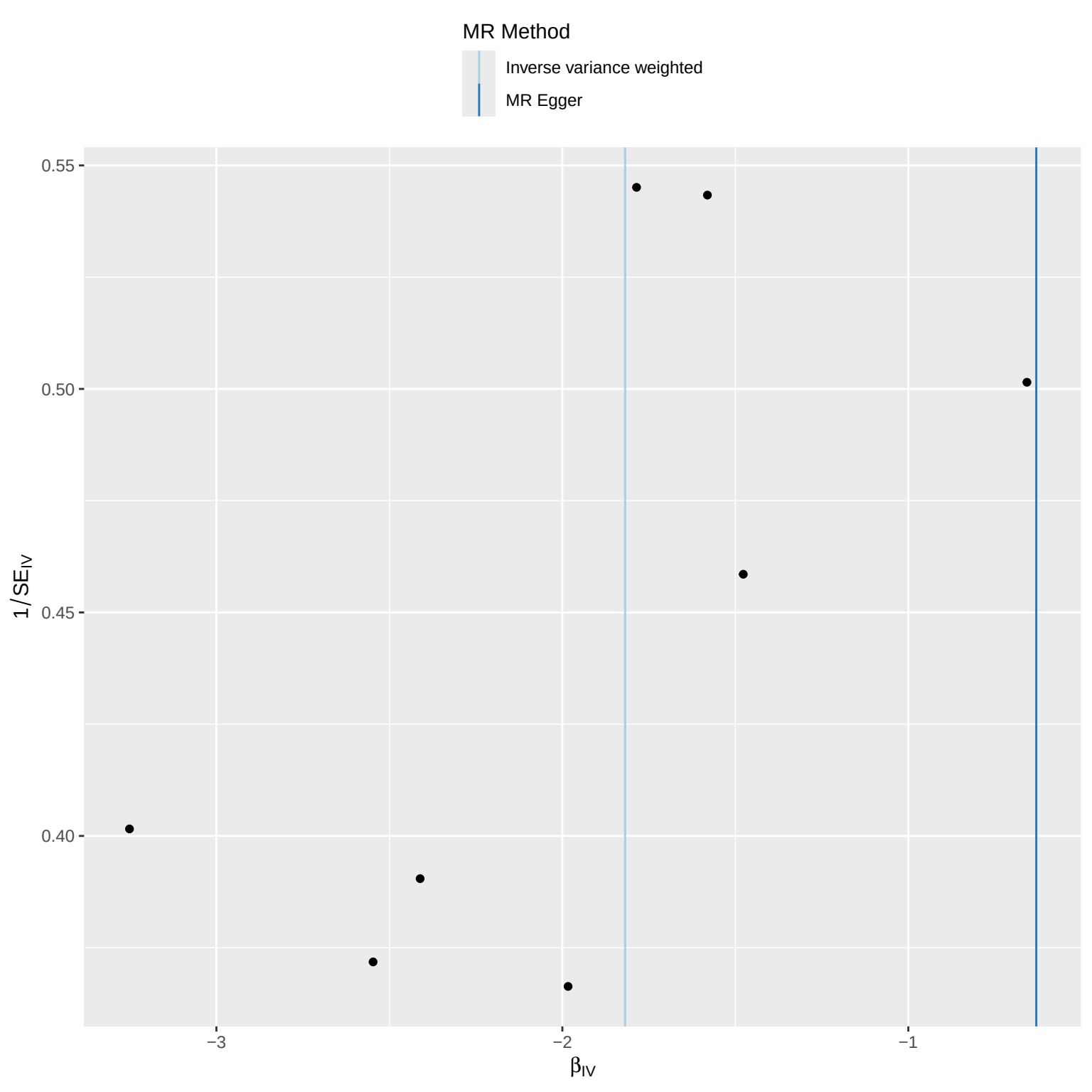

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

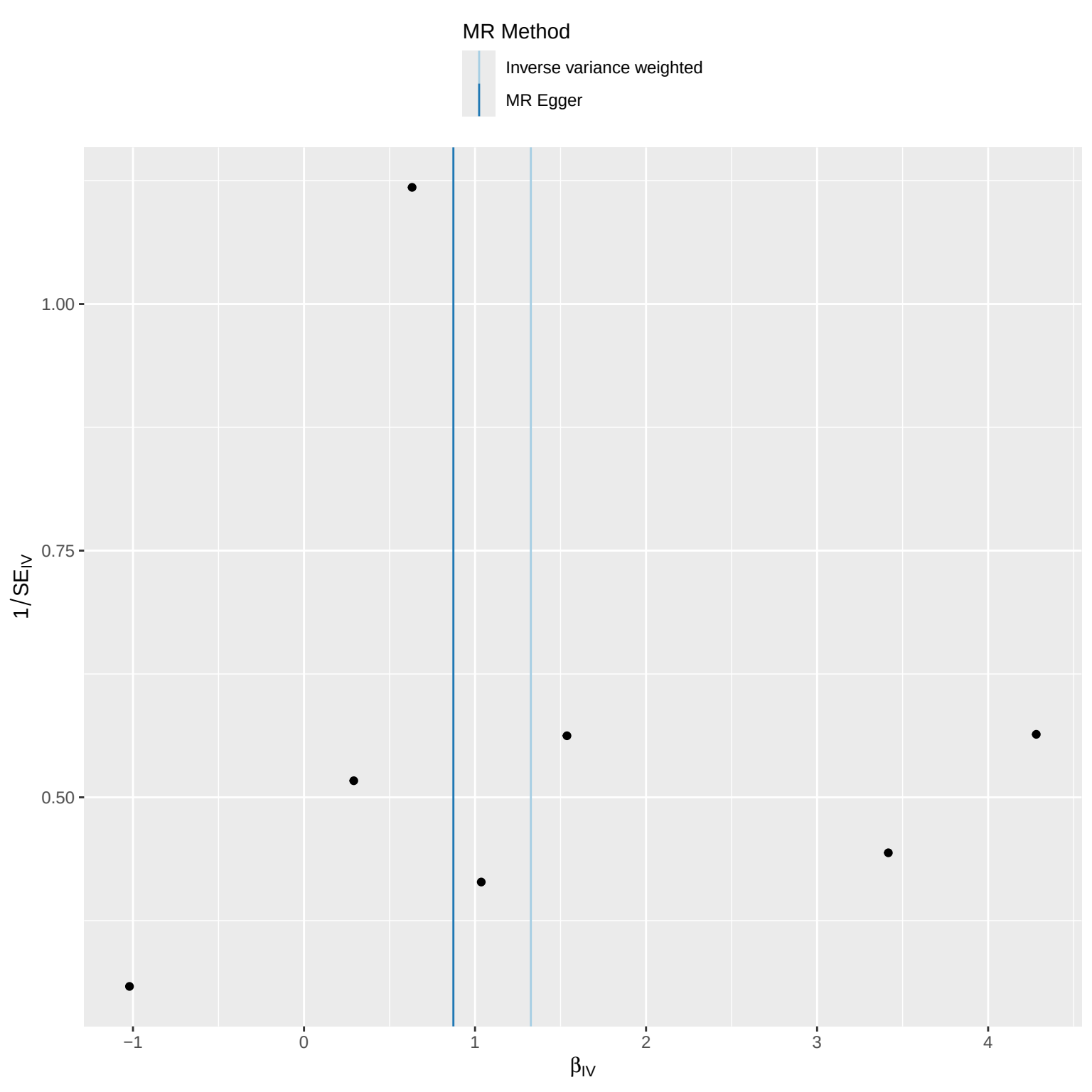

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

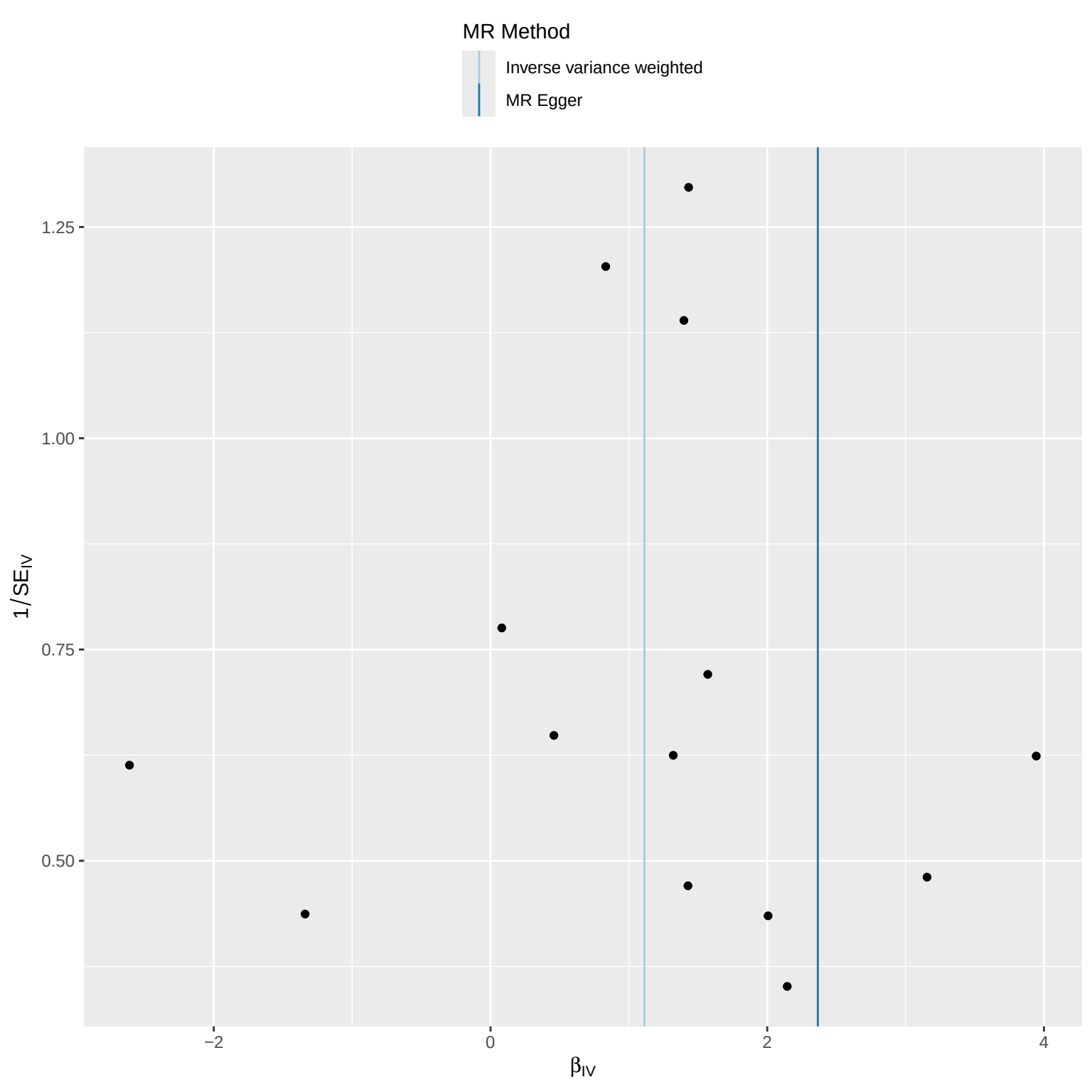

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−3
−2
−1
0
1
2
β_IV

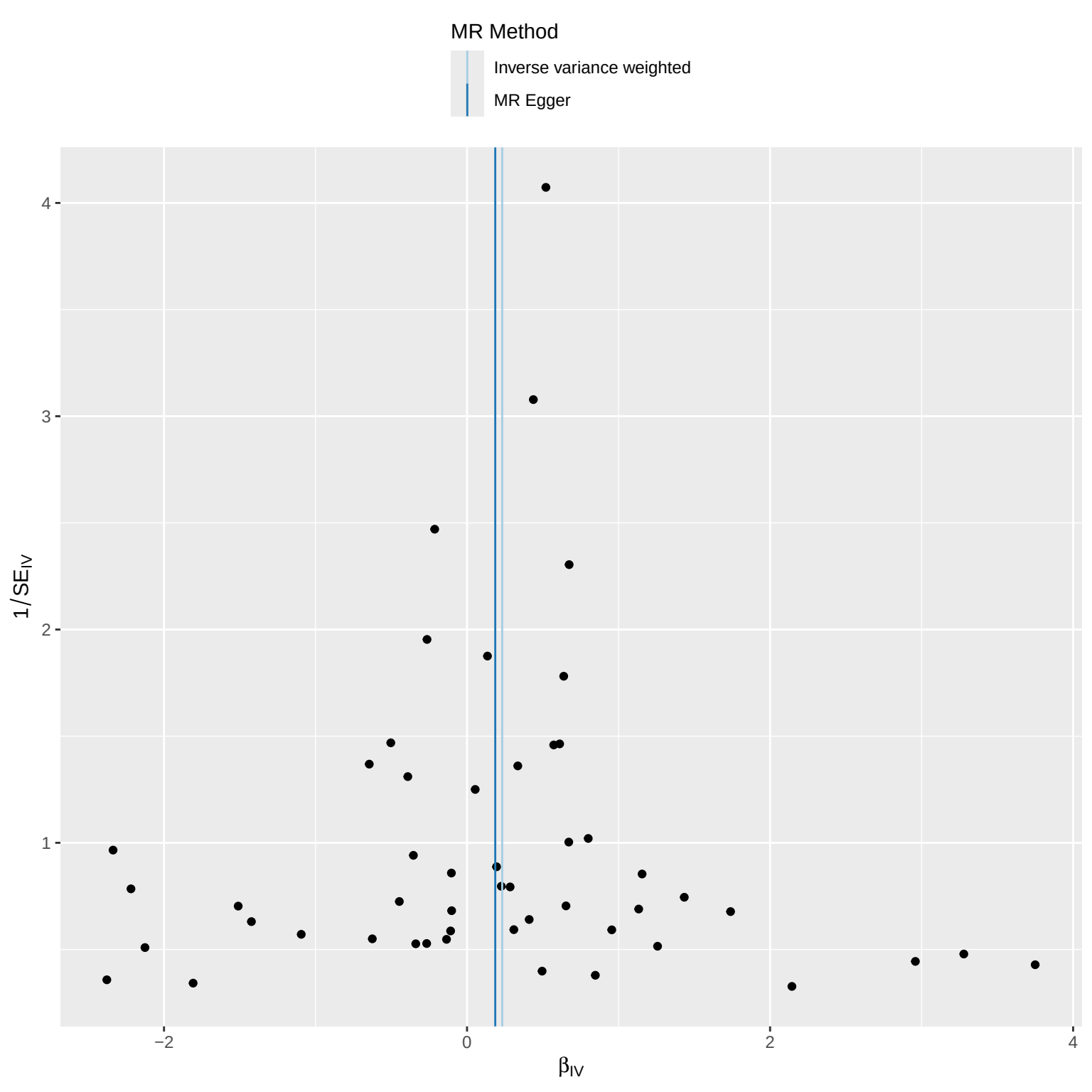

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.5
1.0
1.5
β_IV

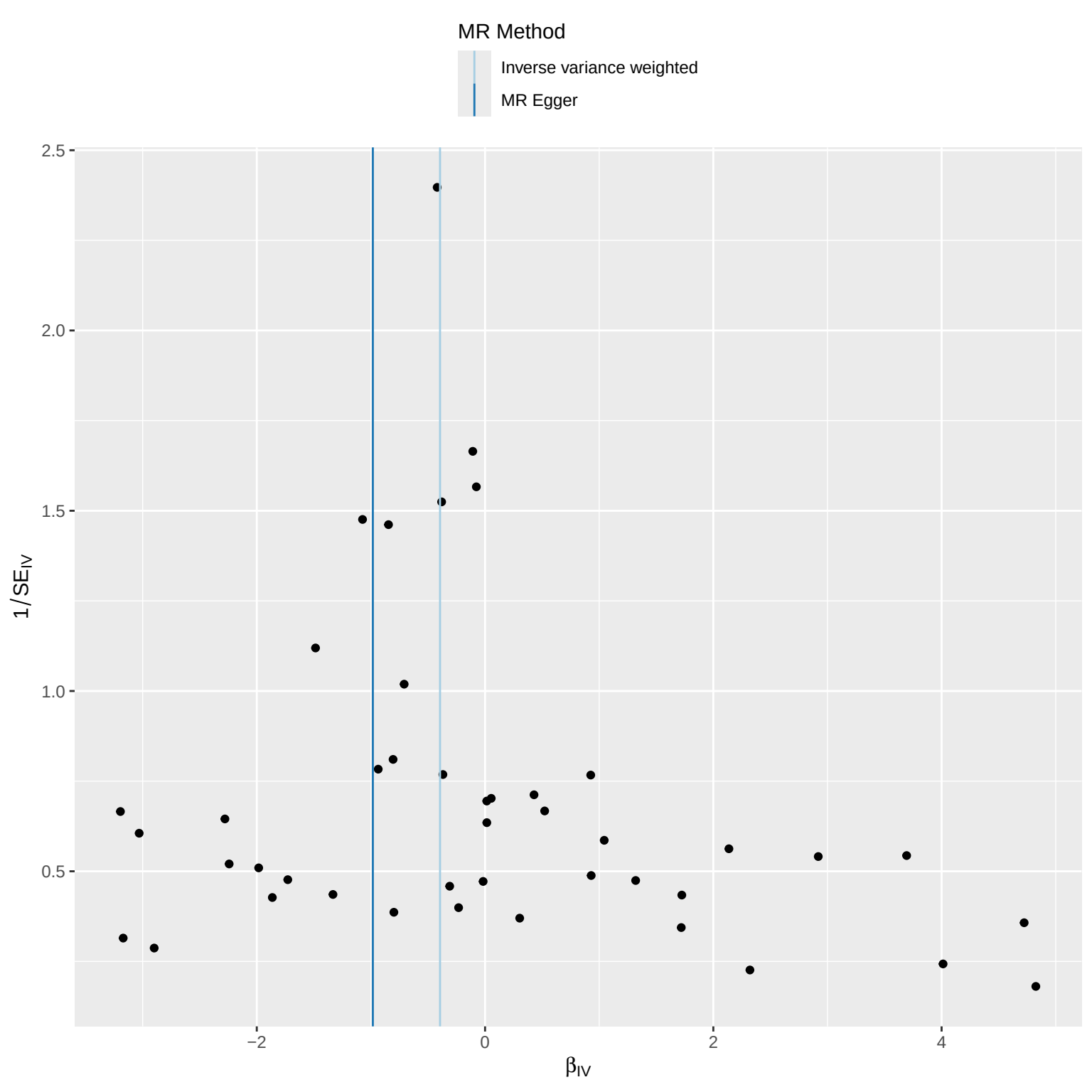

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
β_IV

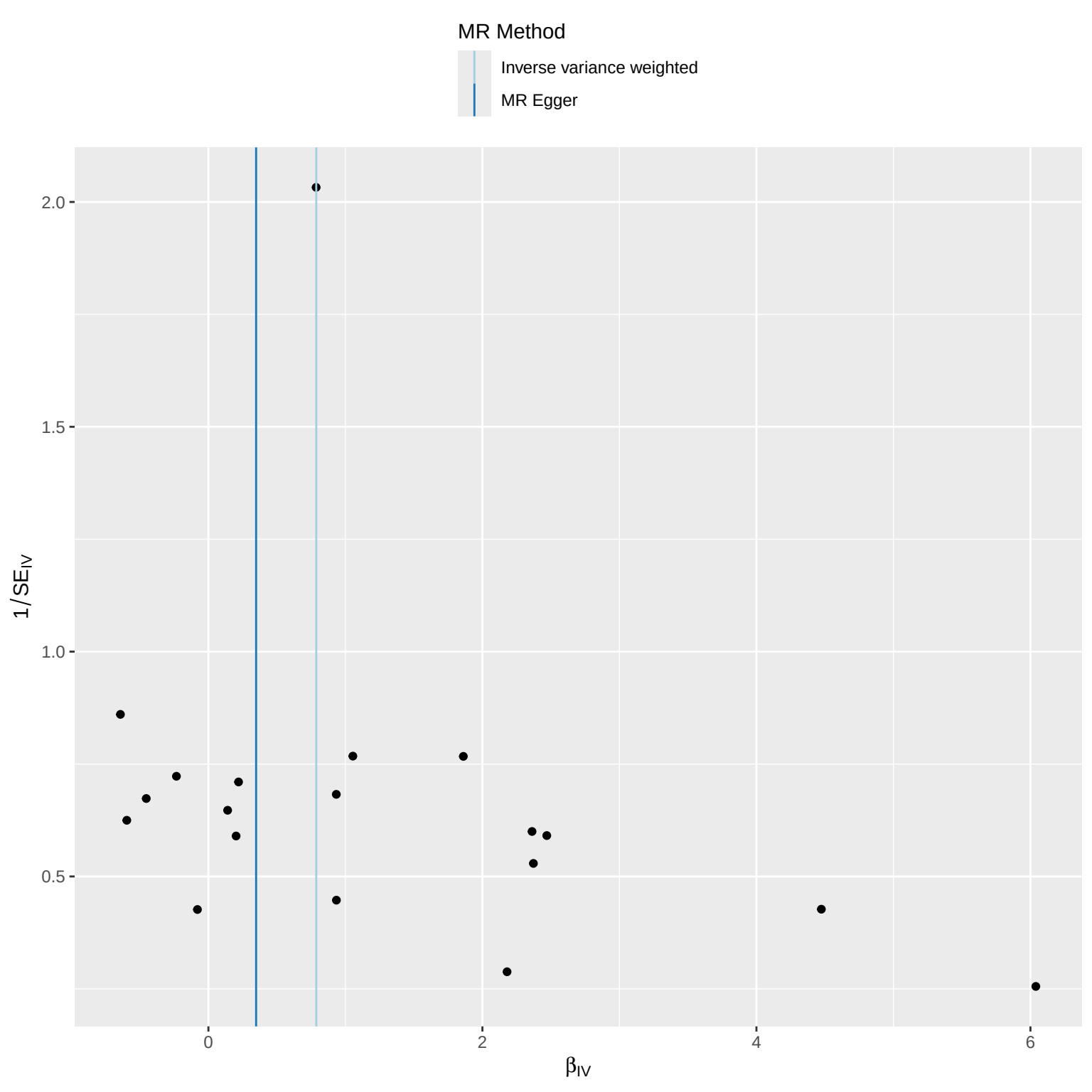

MR Method
Inverse variance weighted
MR Egger
0.55
0.50
0.45
0.40
1/SE_IV
−3
−2
−1
β_IV

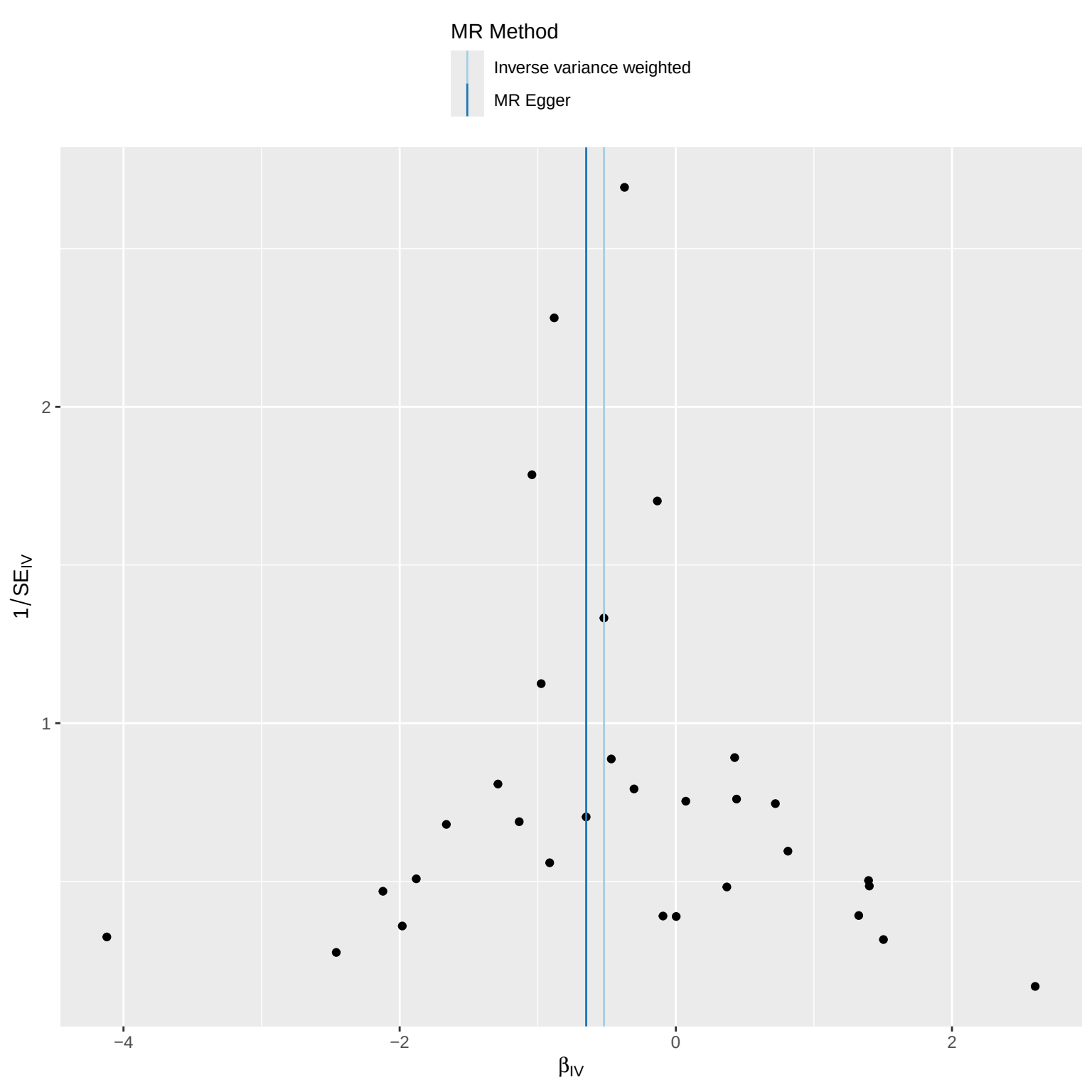

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
4
β_IV

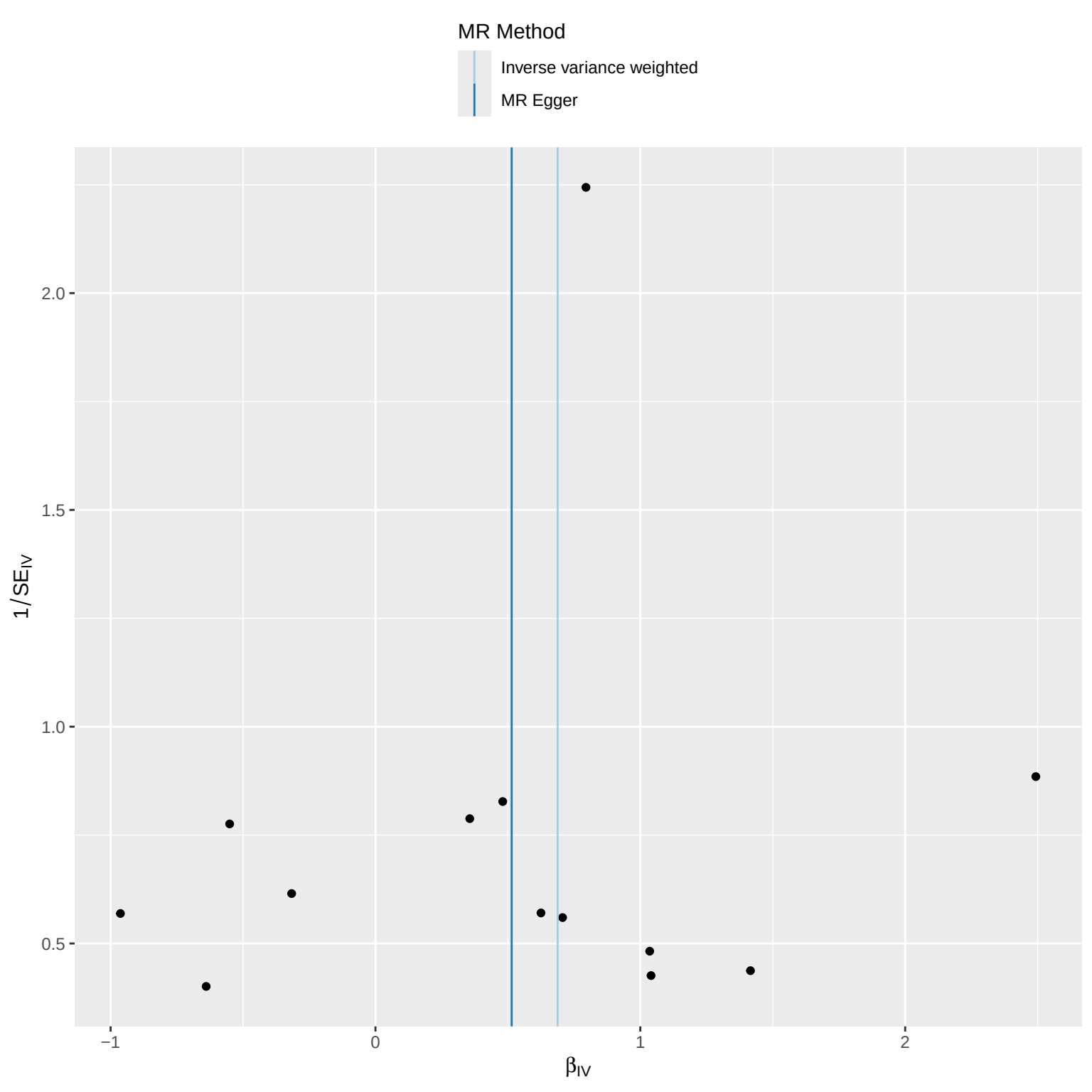

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
0
2
4
β_IV

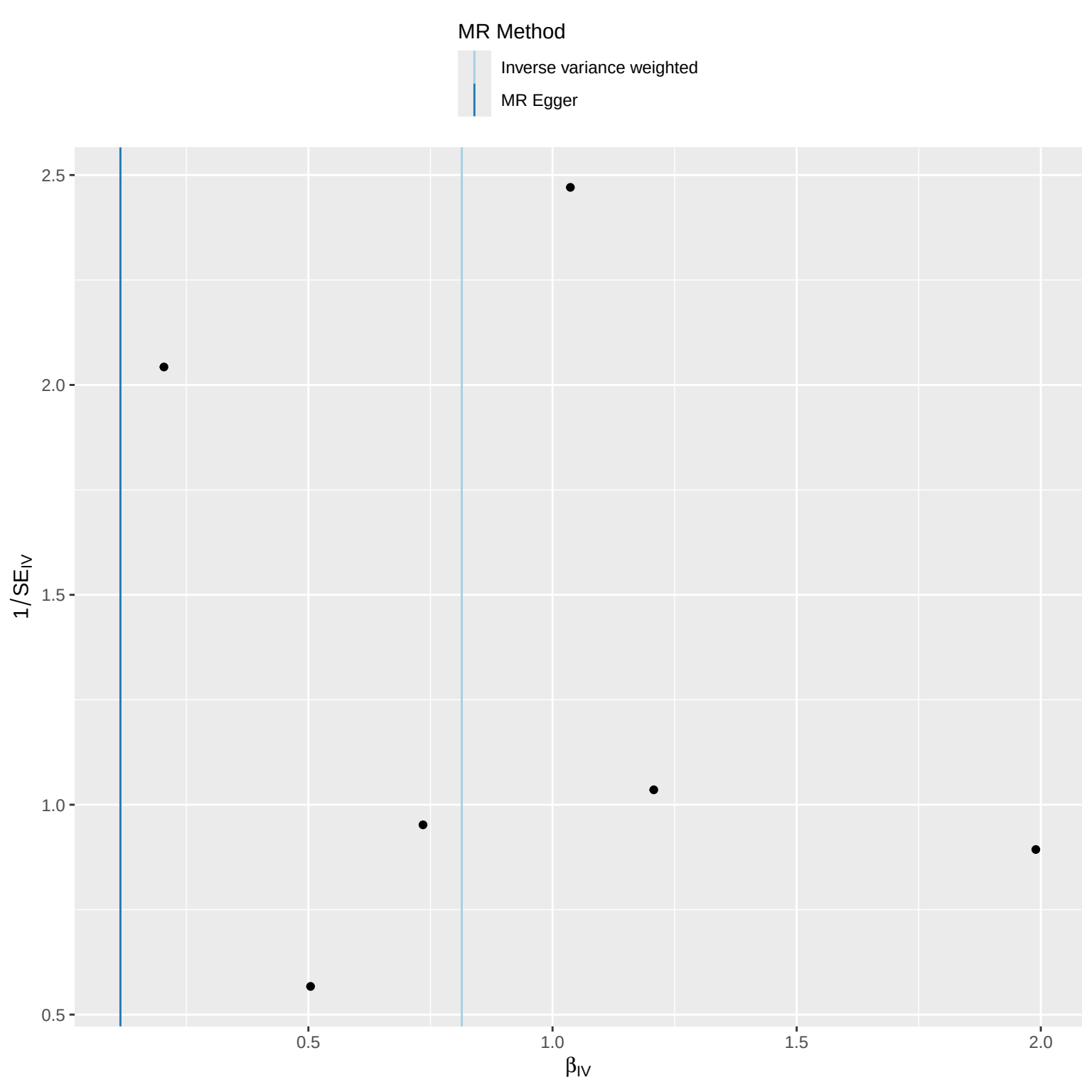

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

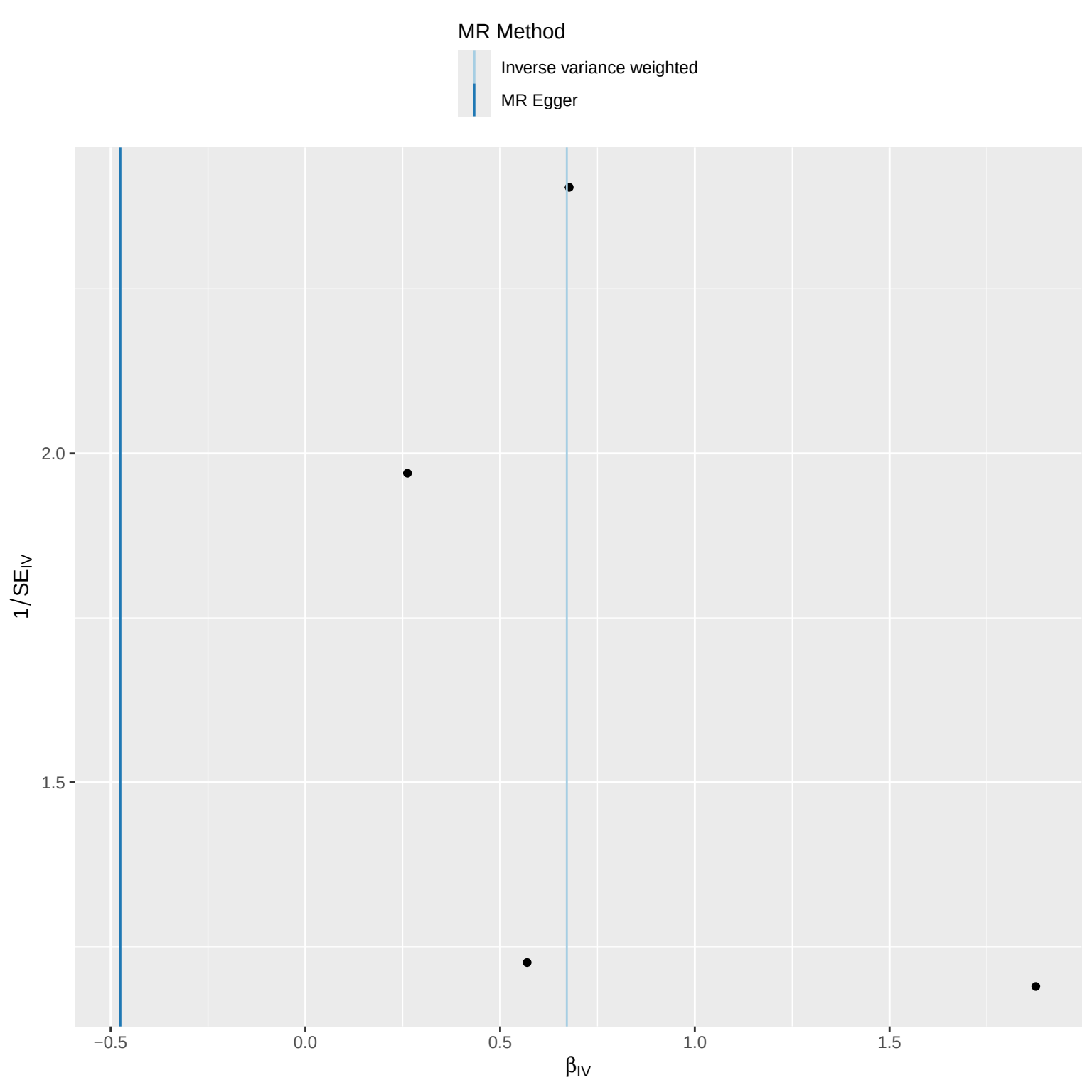

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

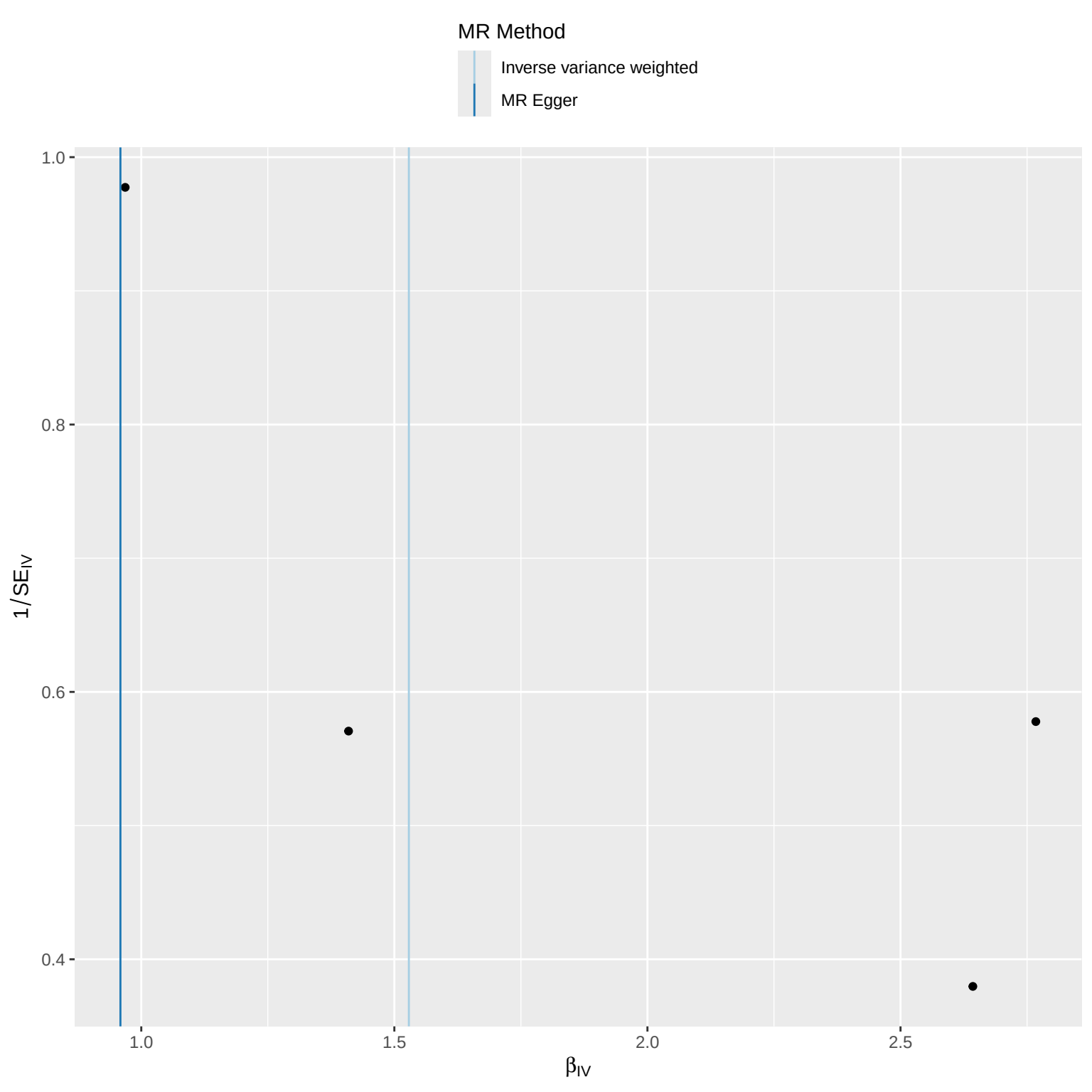

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
6
β_IV

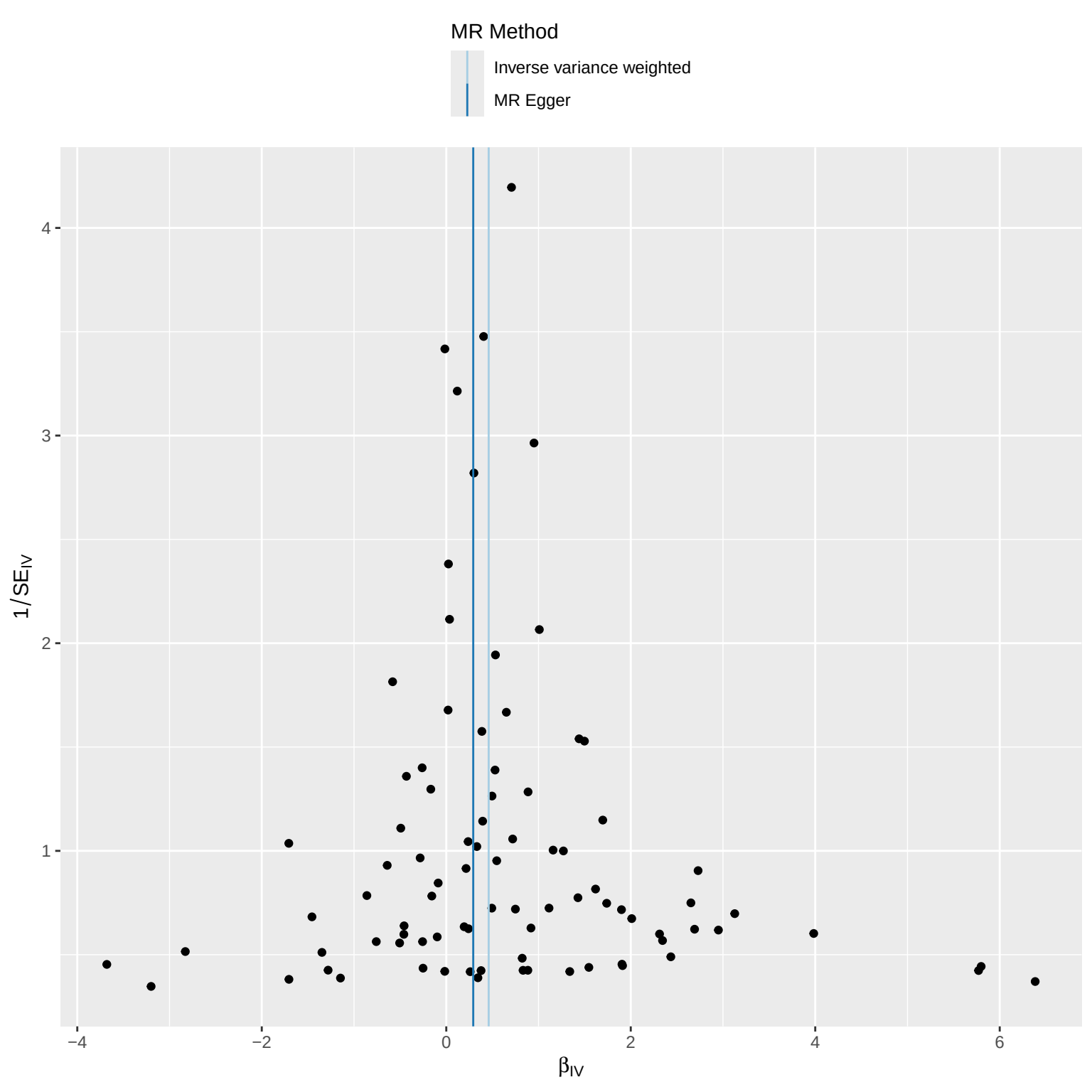

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

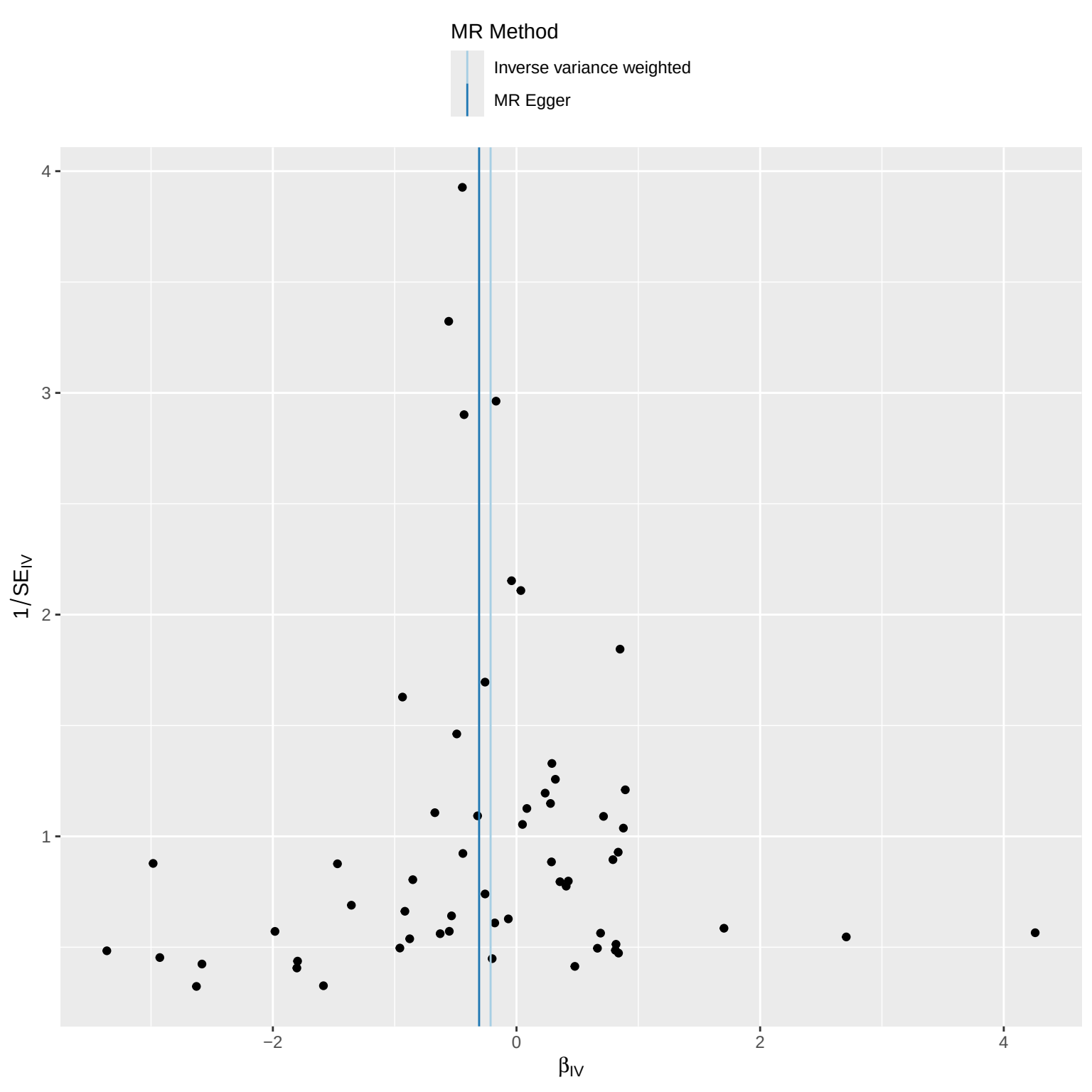

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

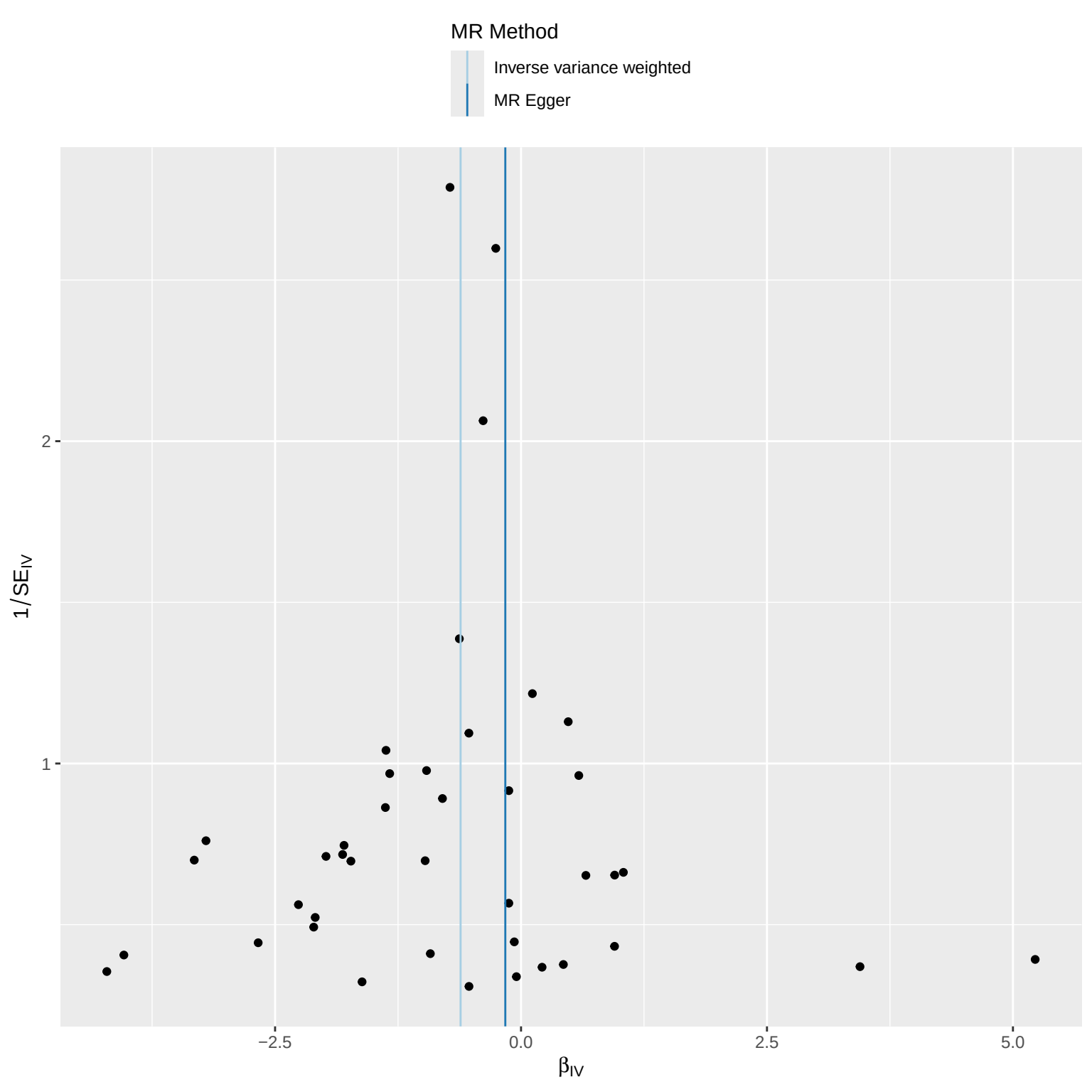

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

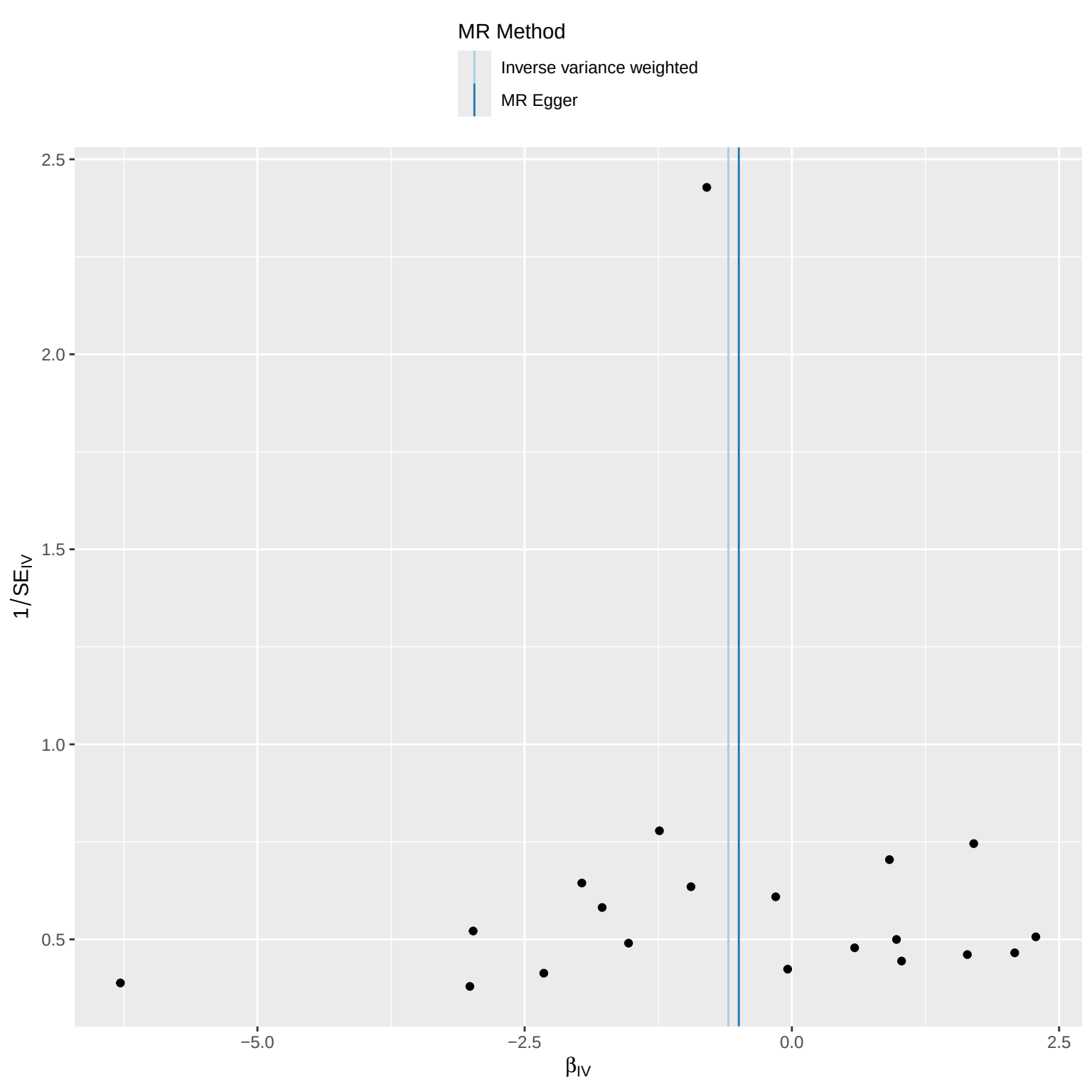

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

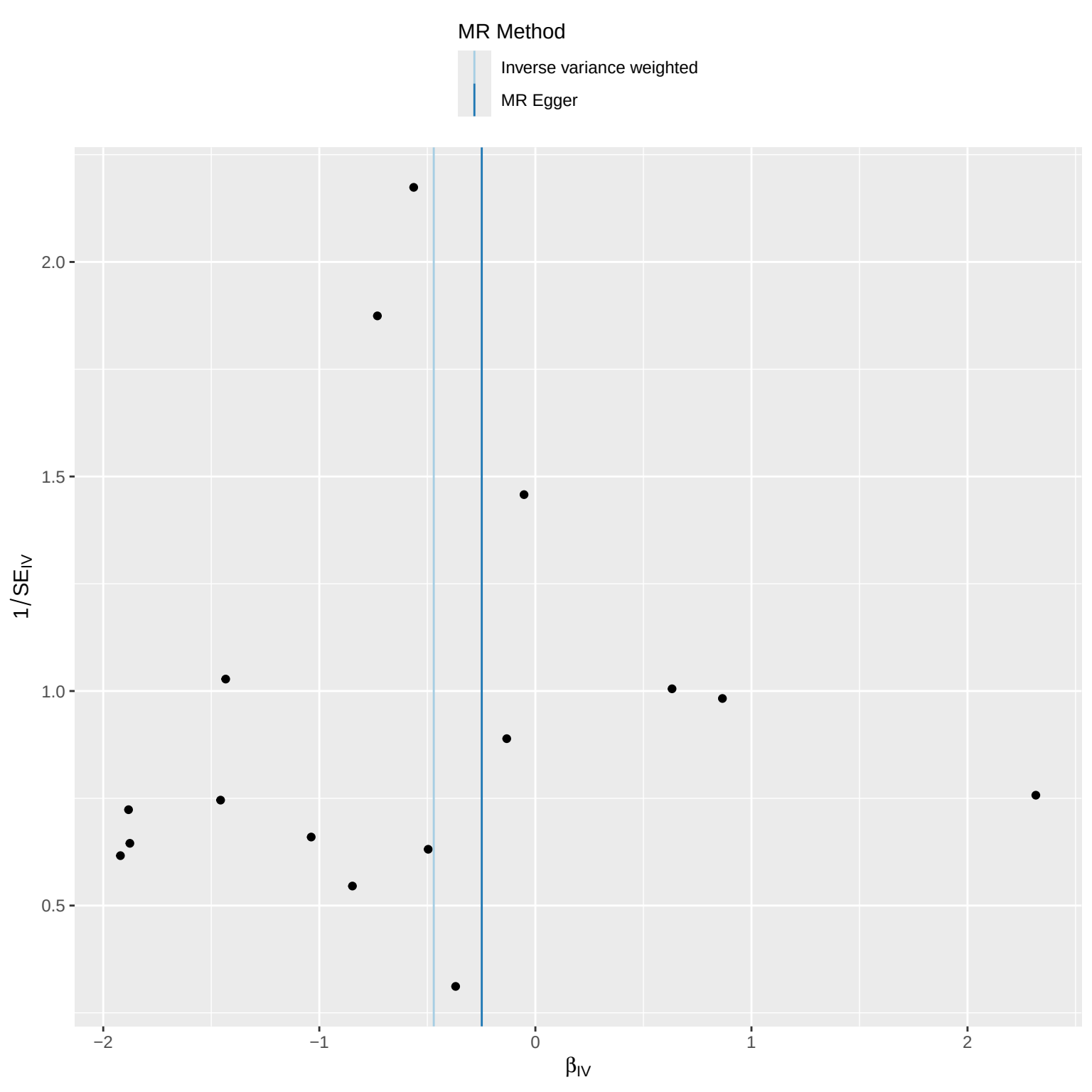

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

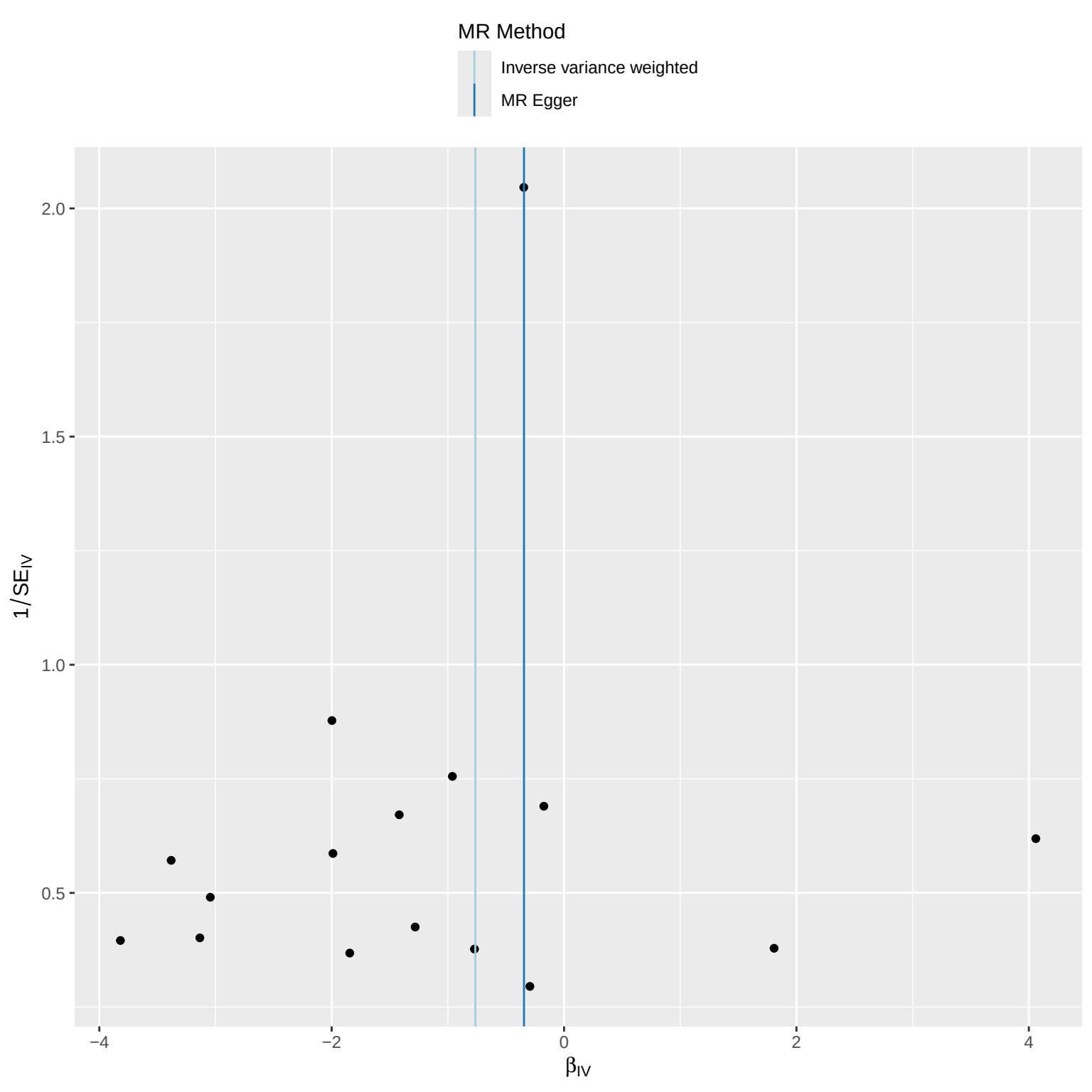

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
4
6
β_IV

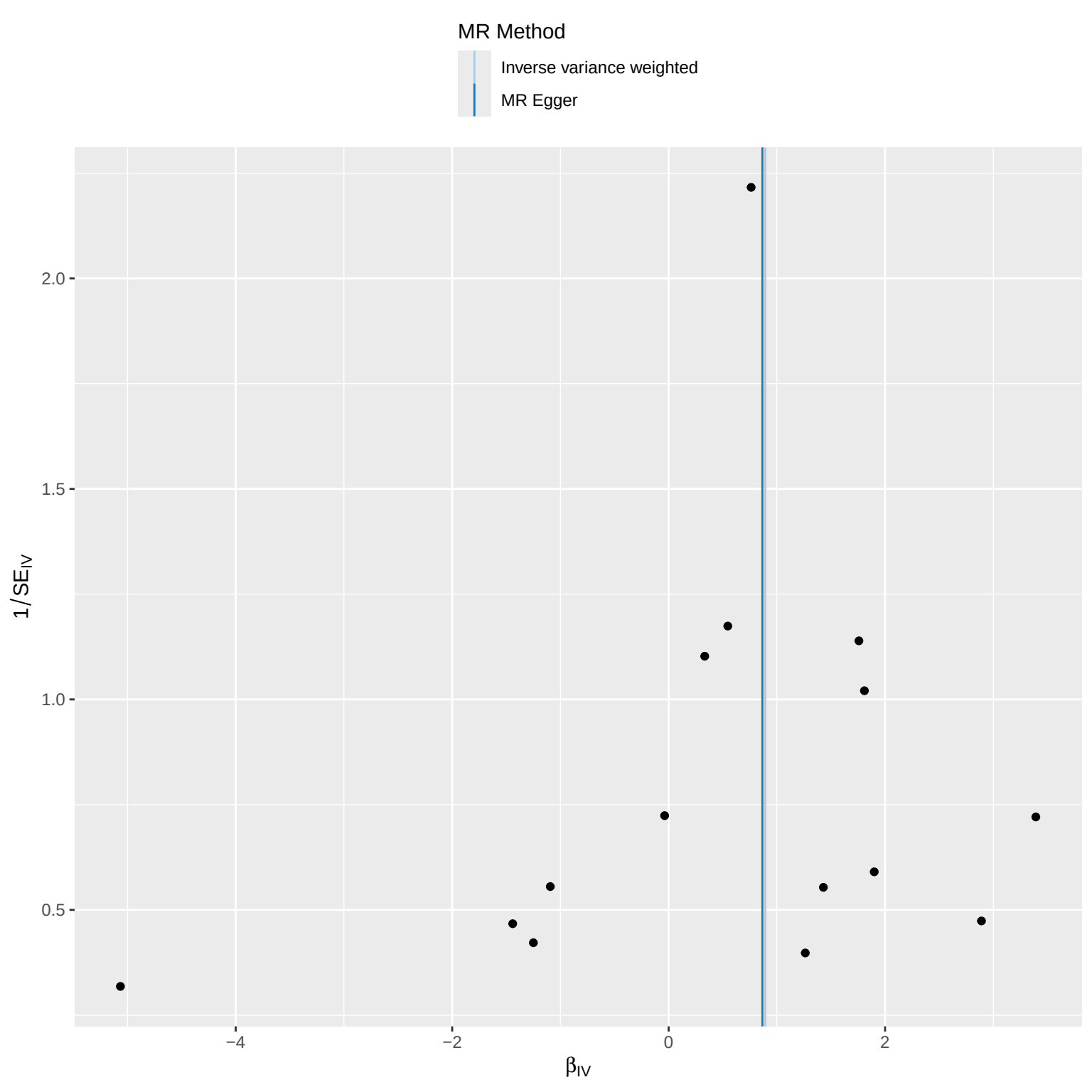

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

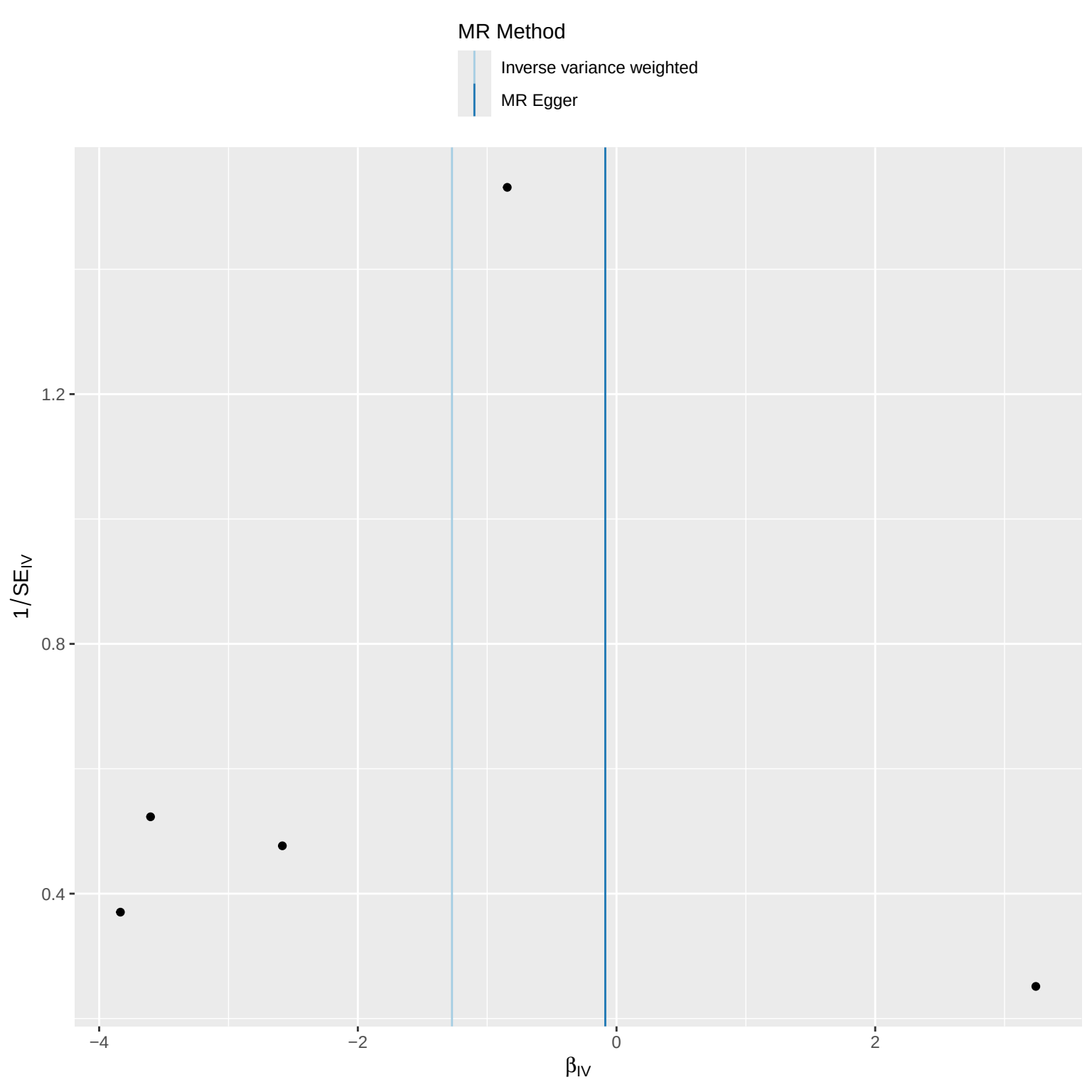

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

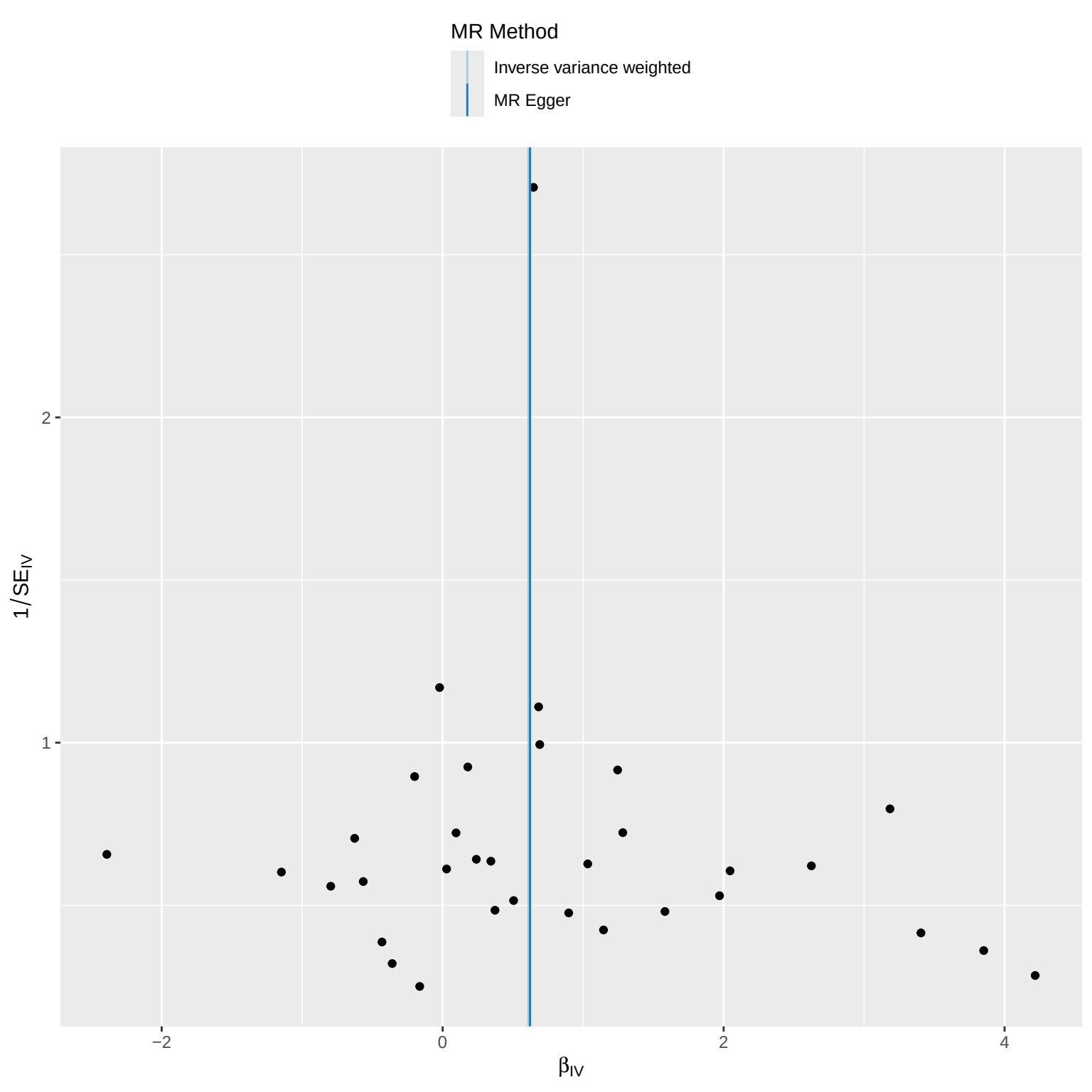

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

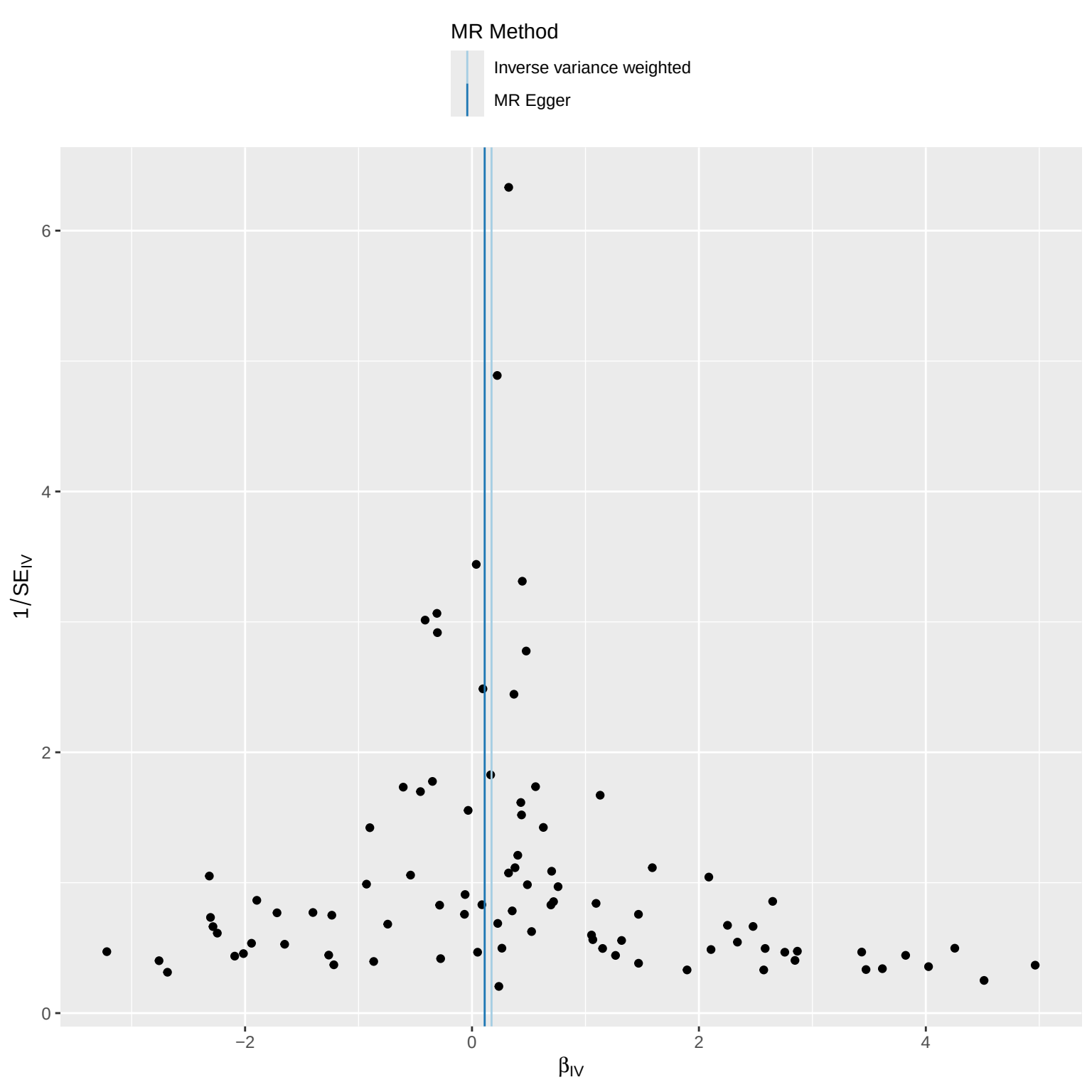

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

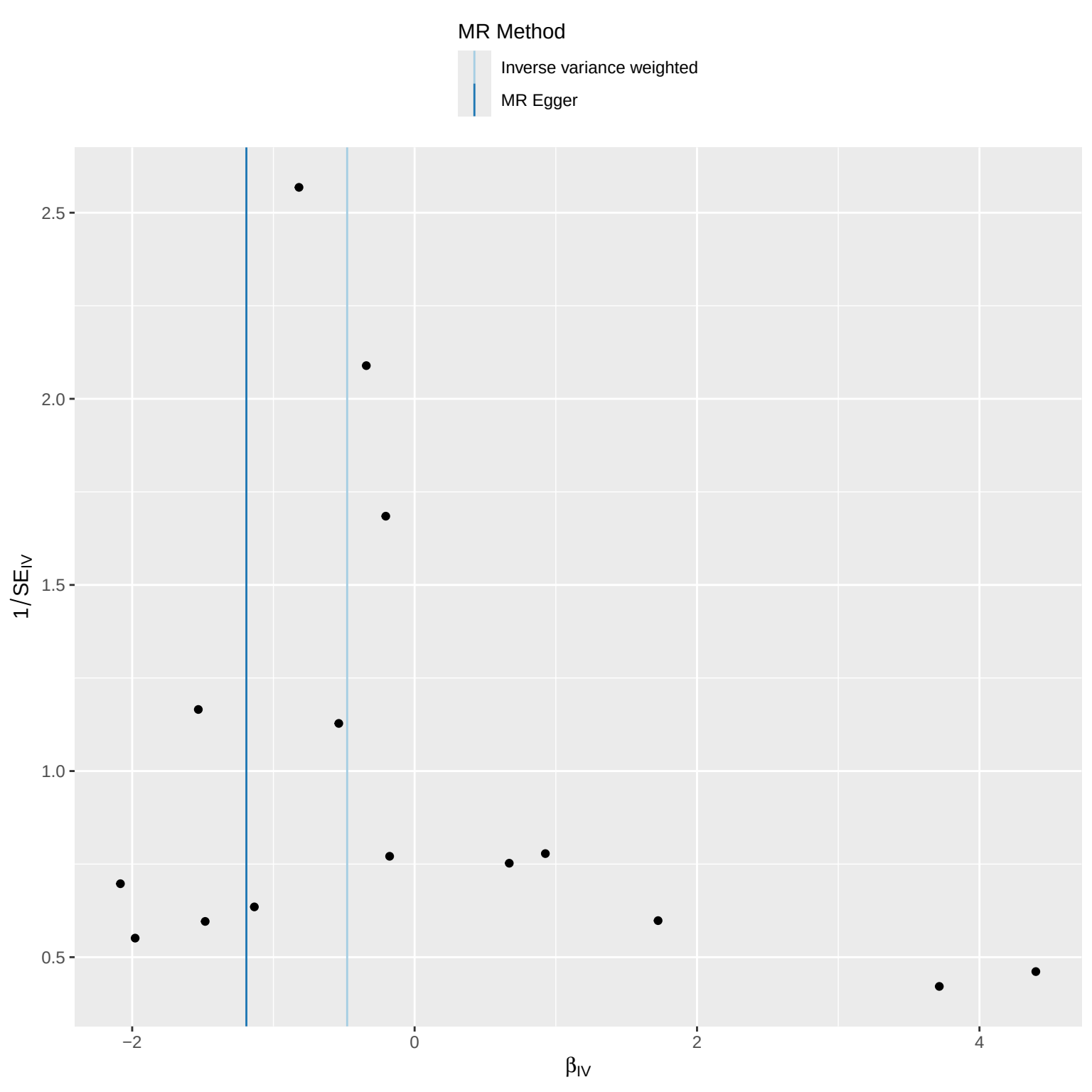

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

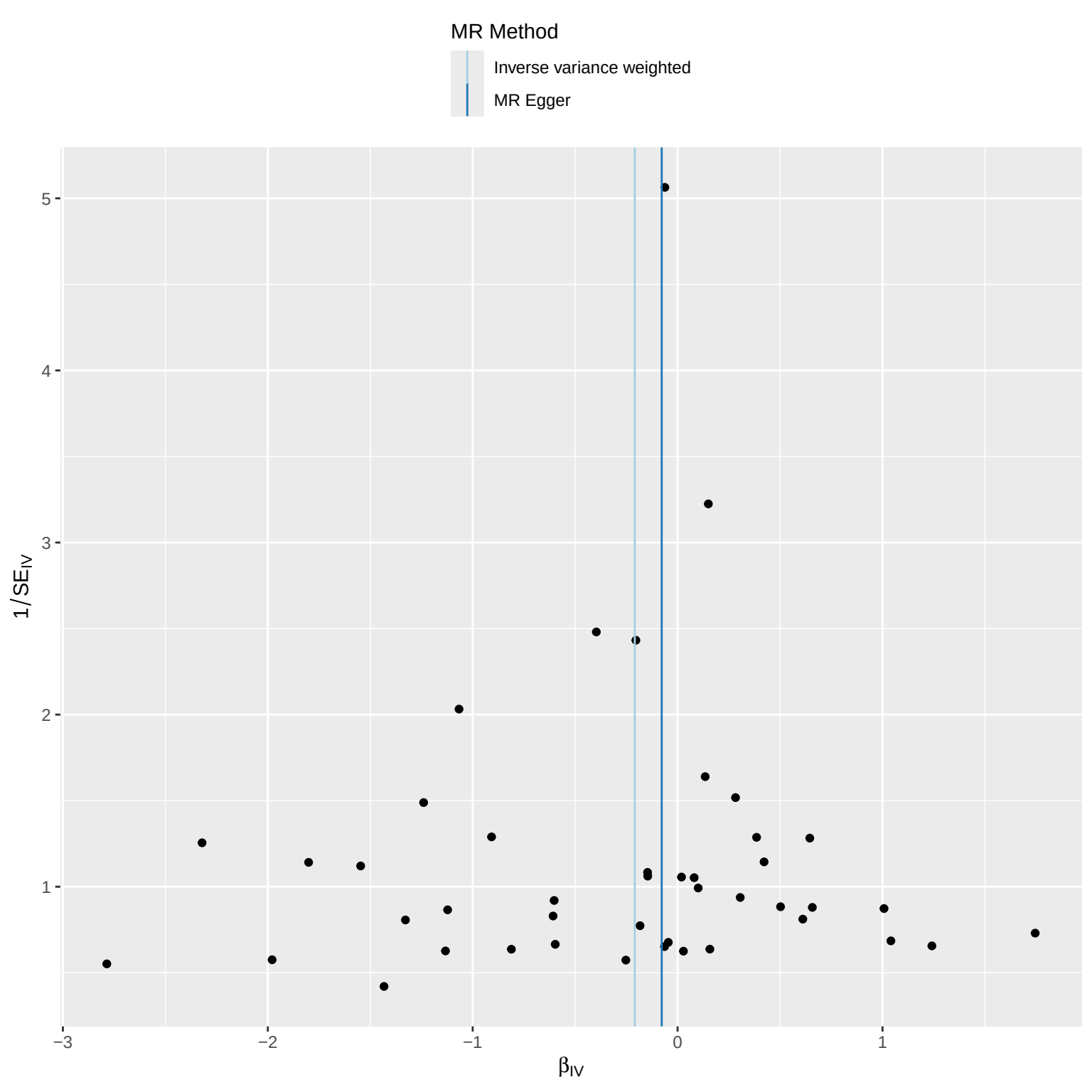

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

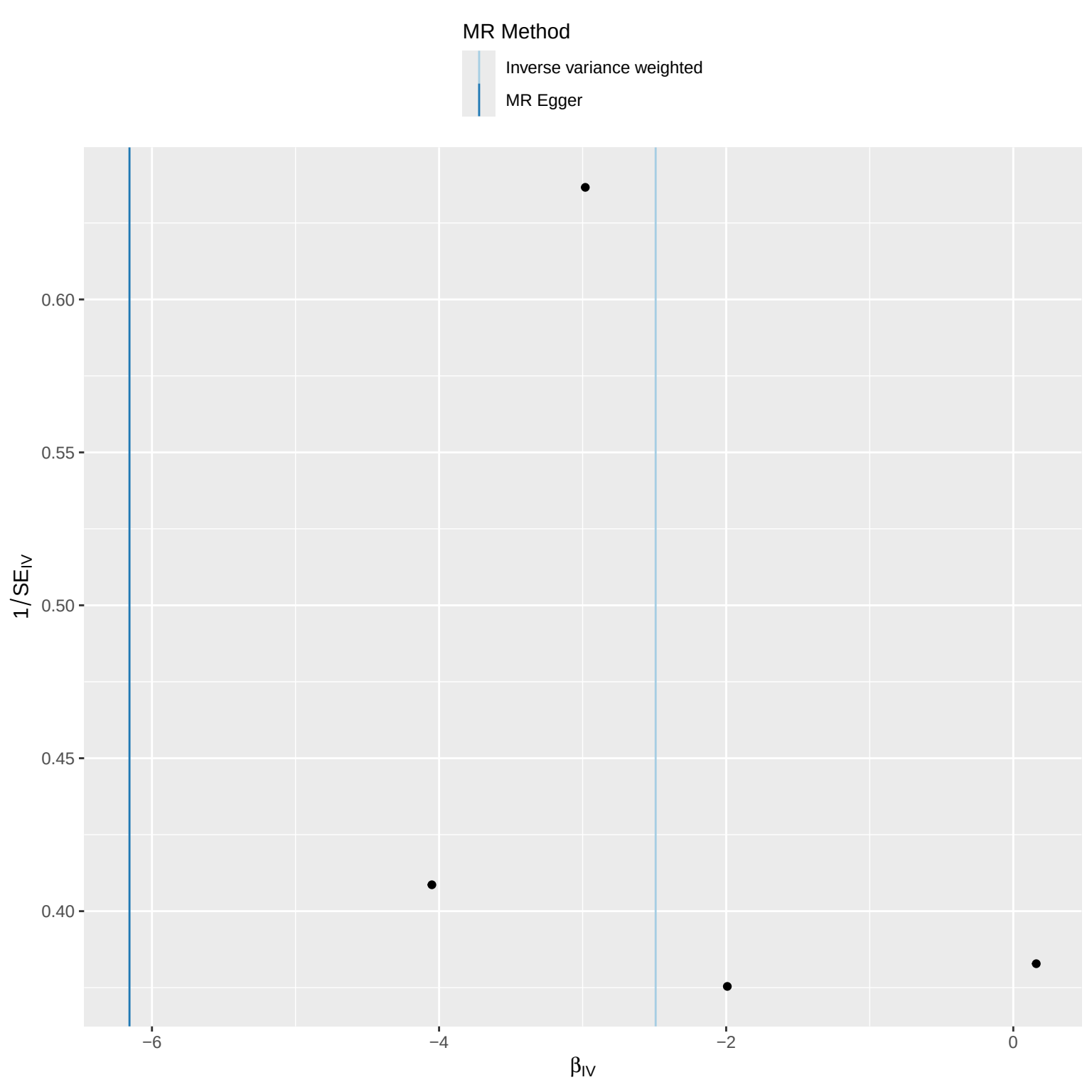

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
β_IV

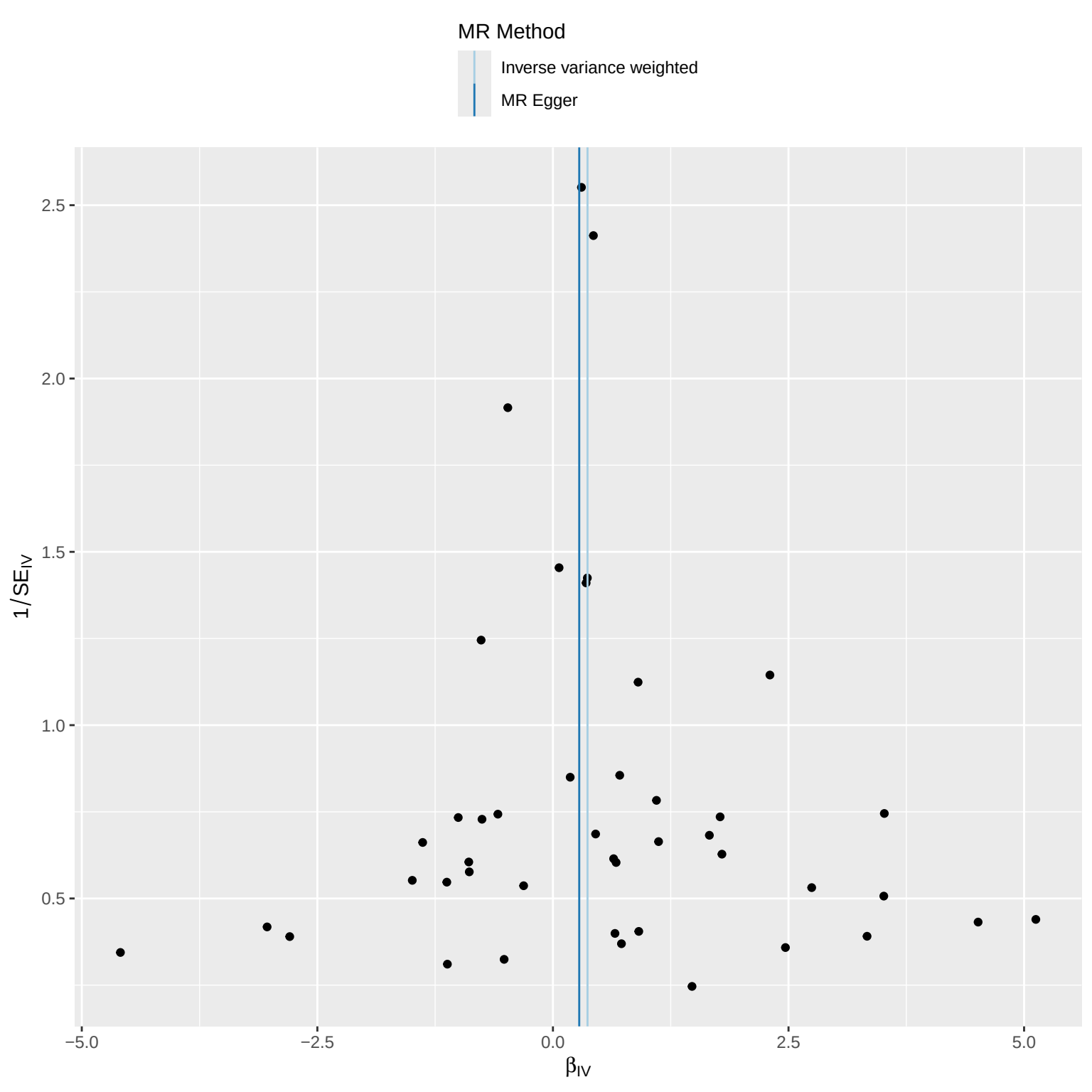

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

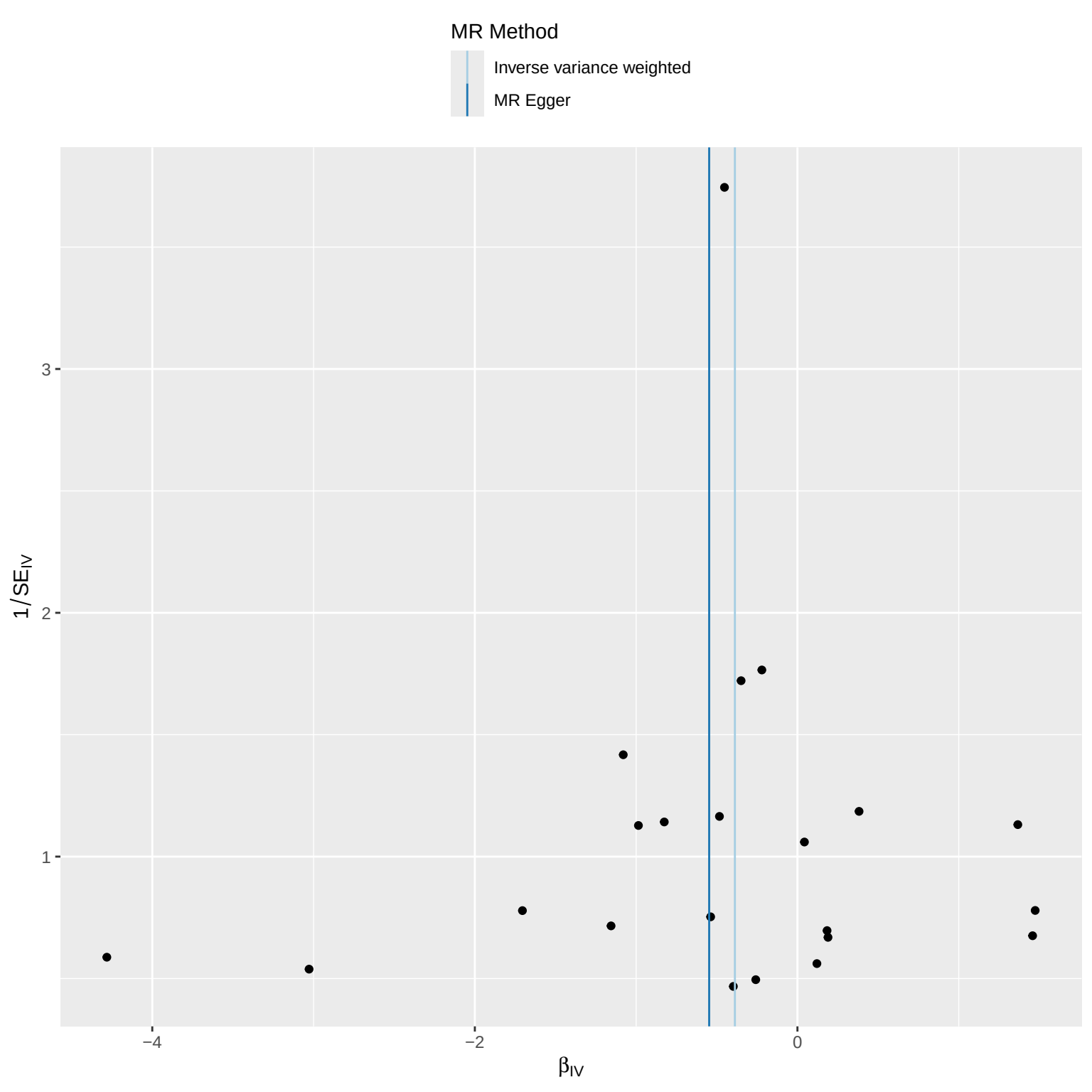

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2
0
2
4
β_IV

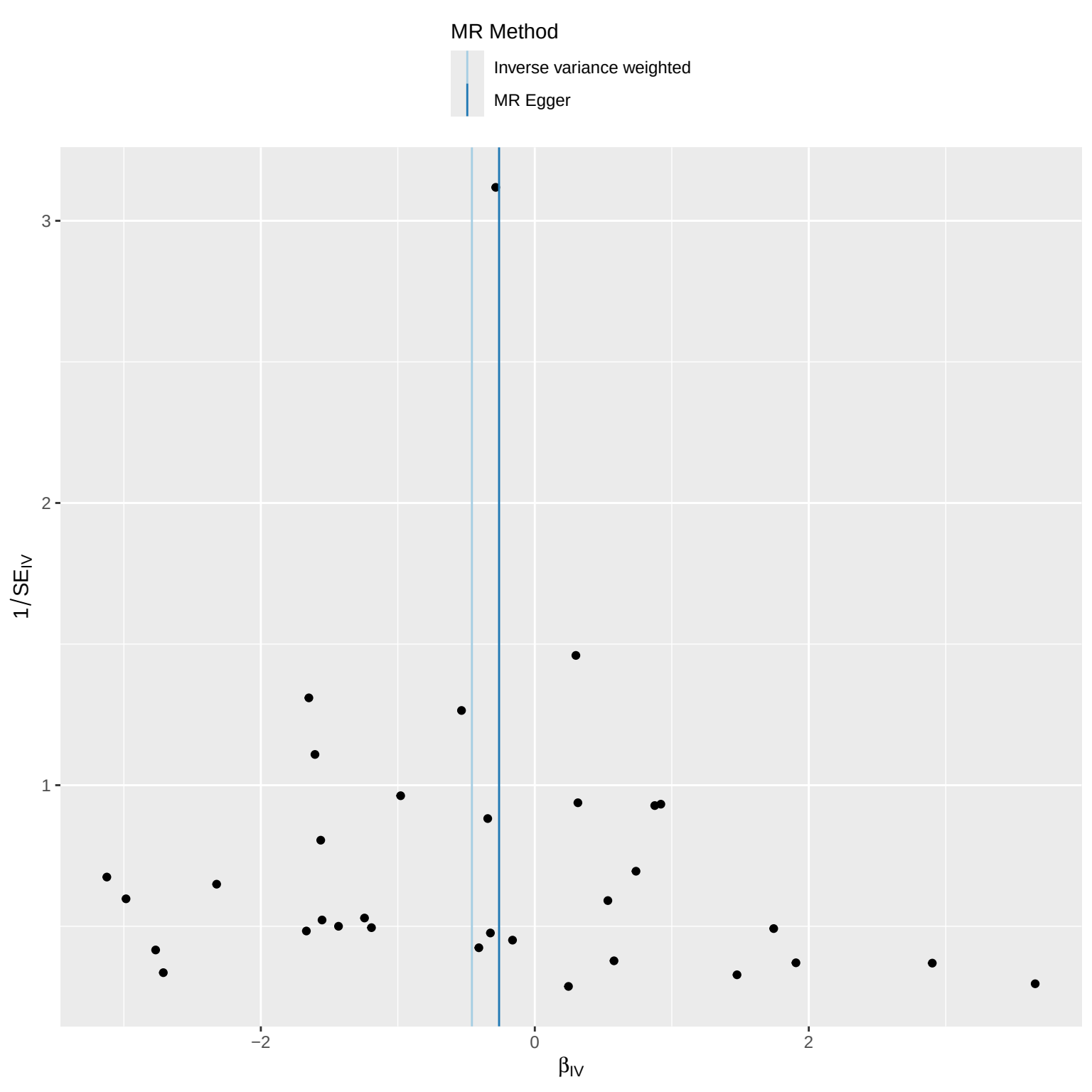

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

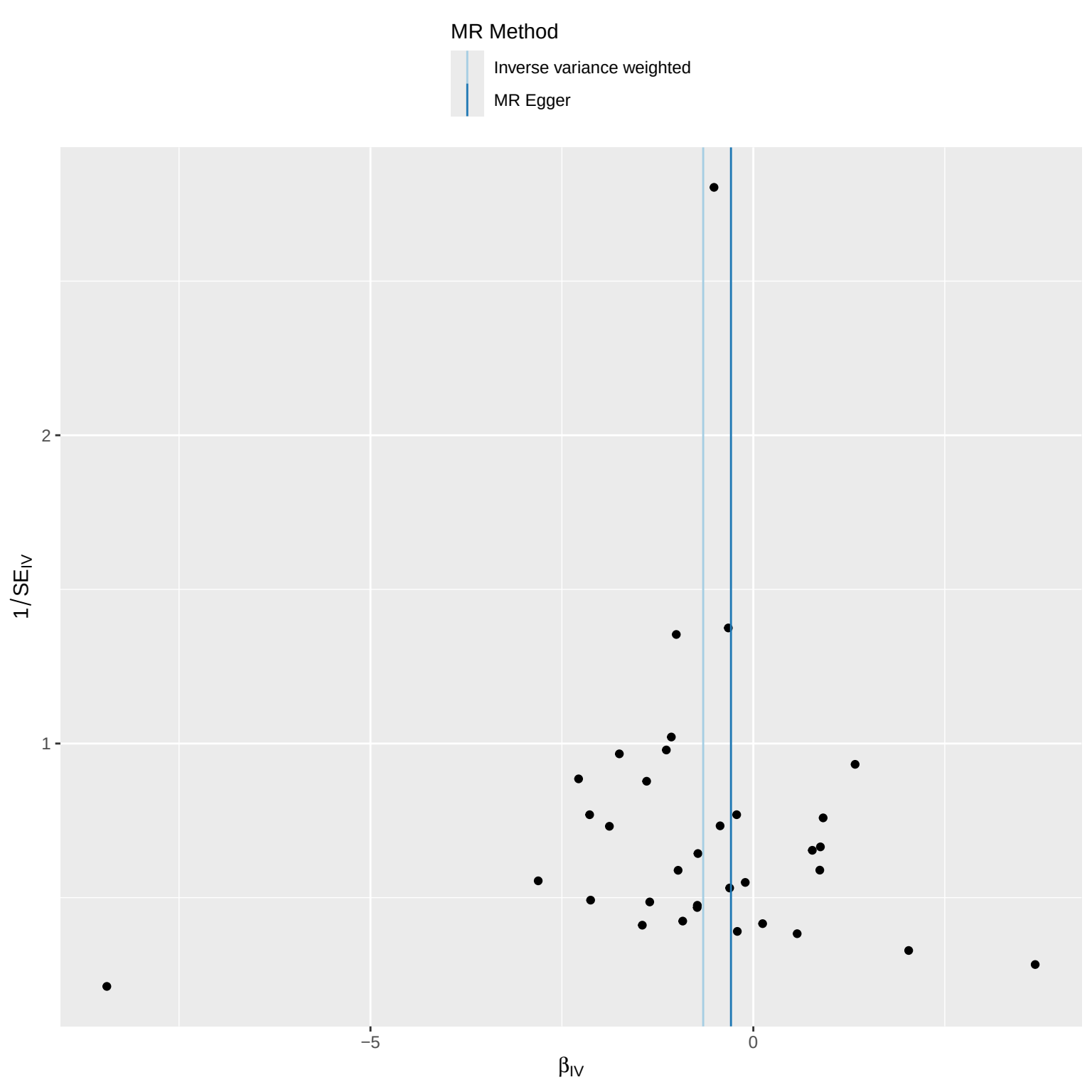

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

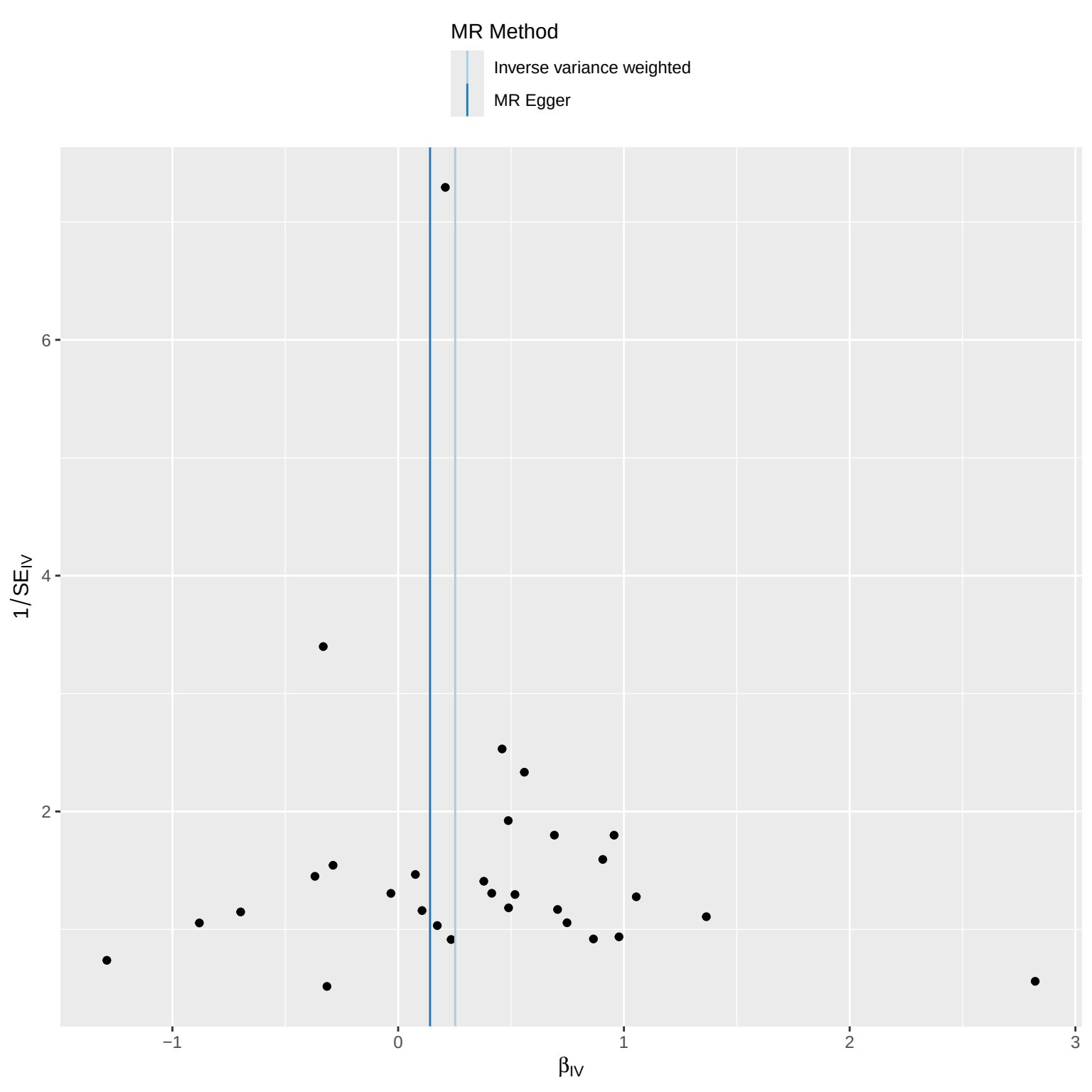

MR Method
Inverse variance weighted
MR Egger
0.60
0.55
0.50
0.45
0.40
1/SE_IV
−6
−4
−2
0
β_IV

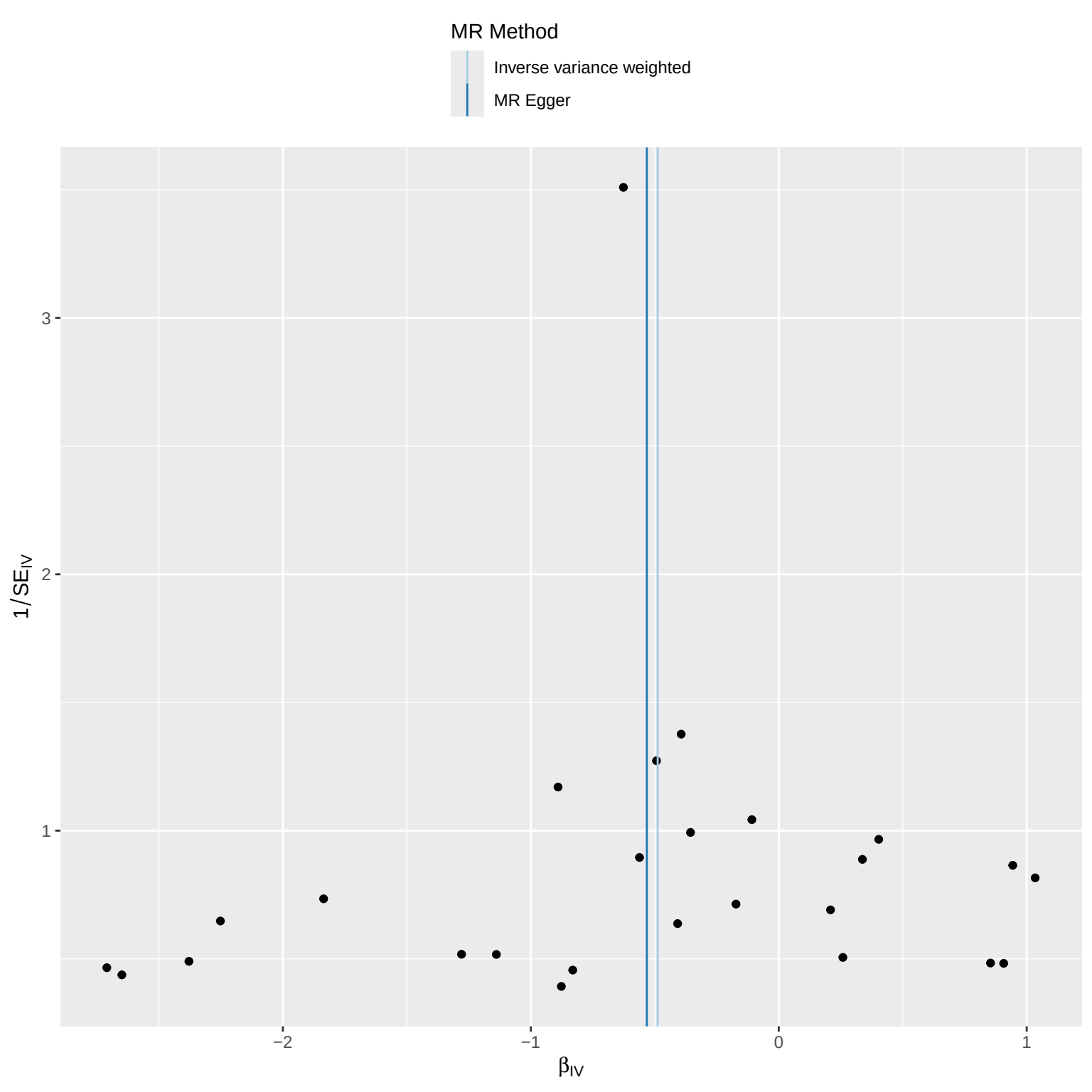

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

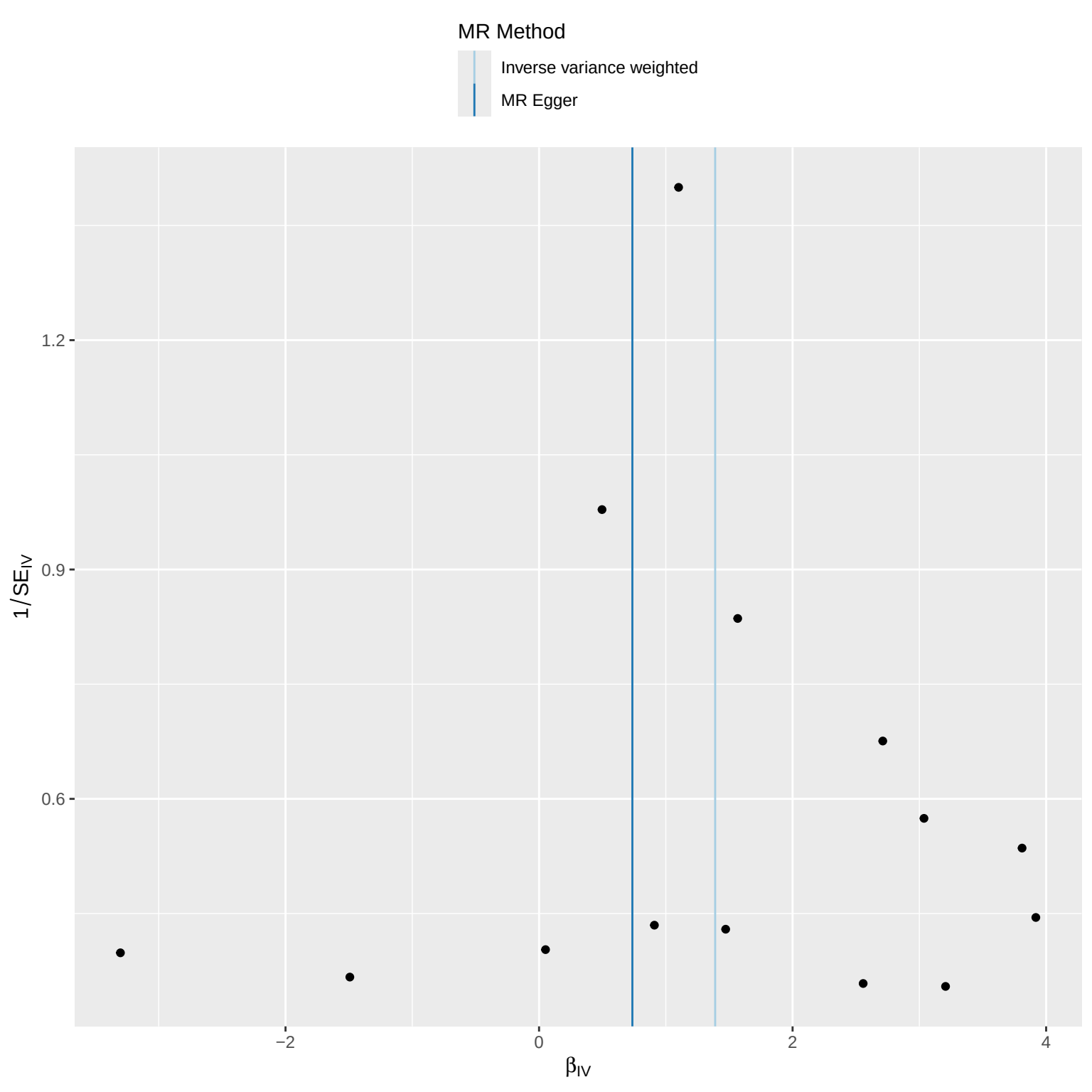

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
β_IV

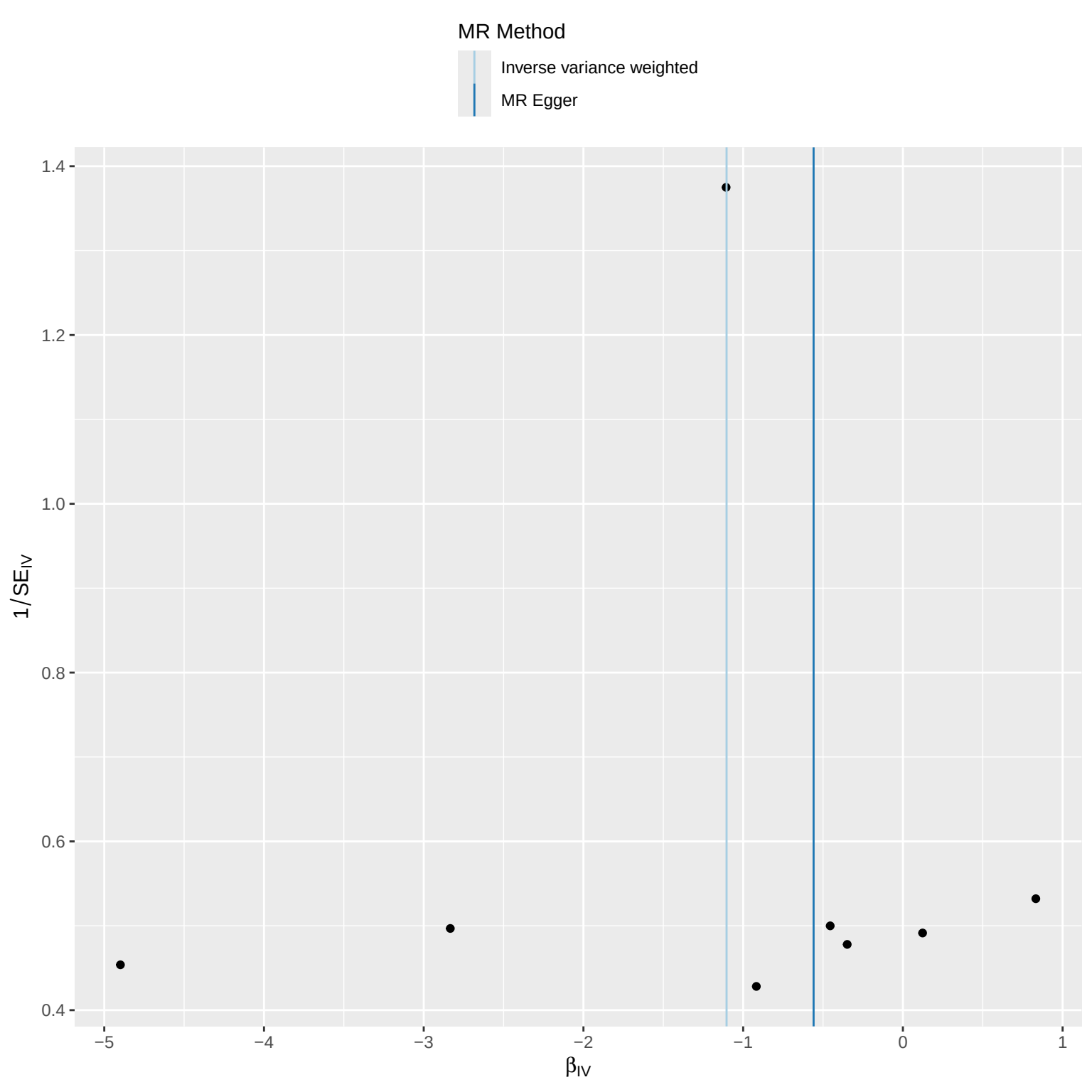

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

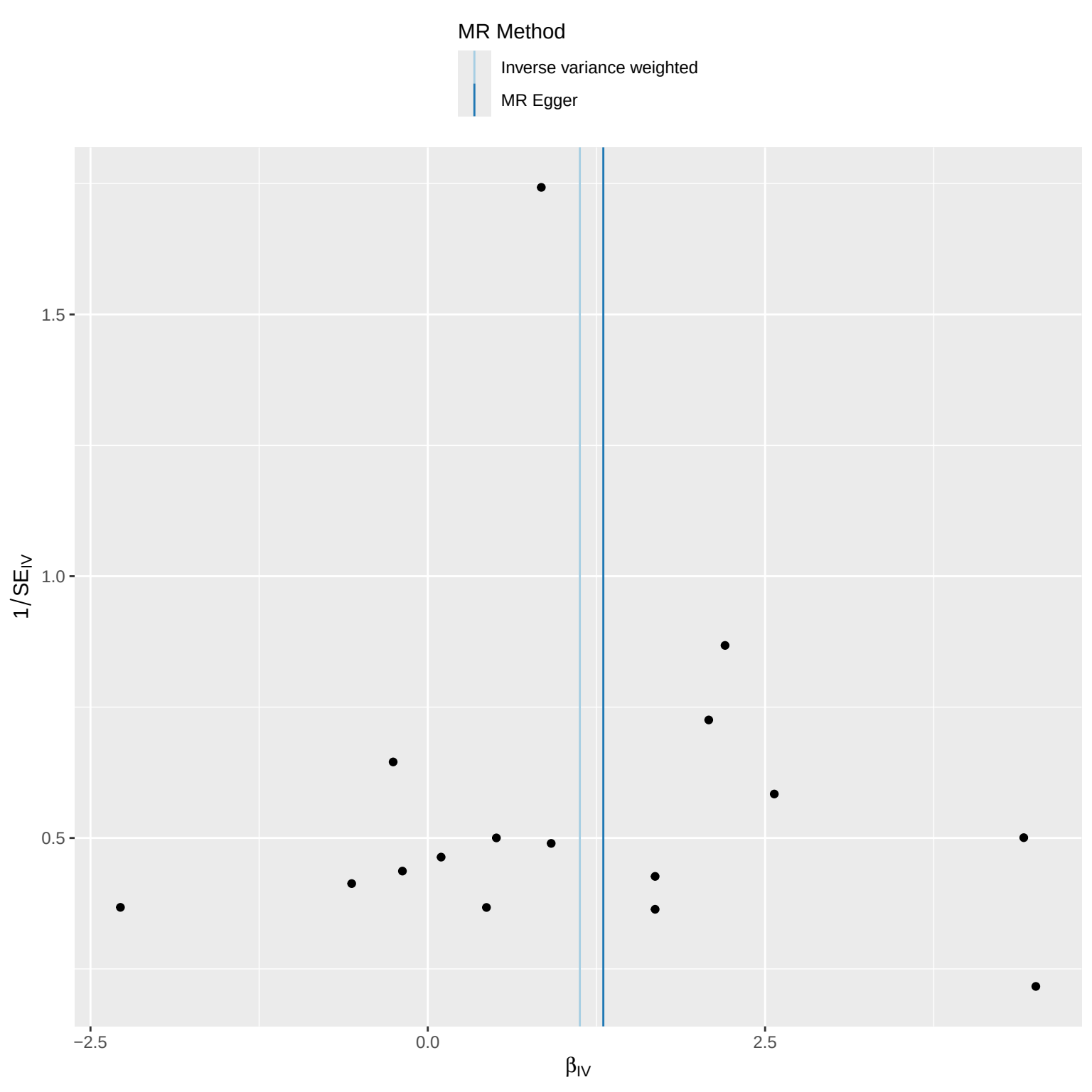

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5
0
β_IV

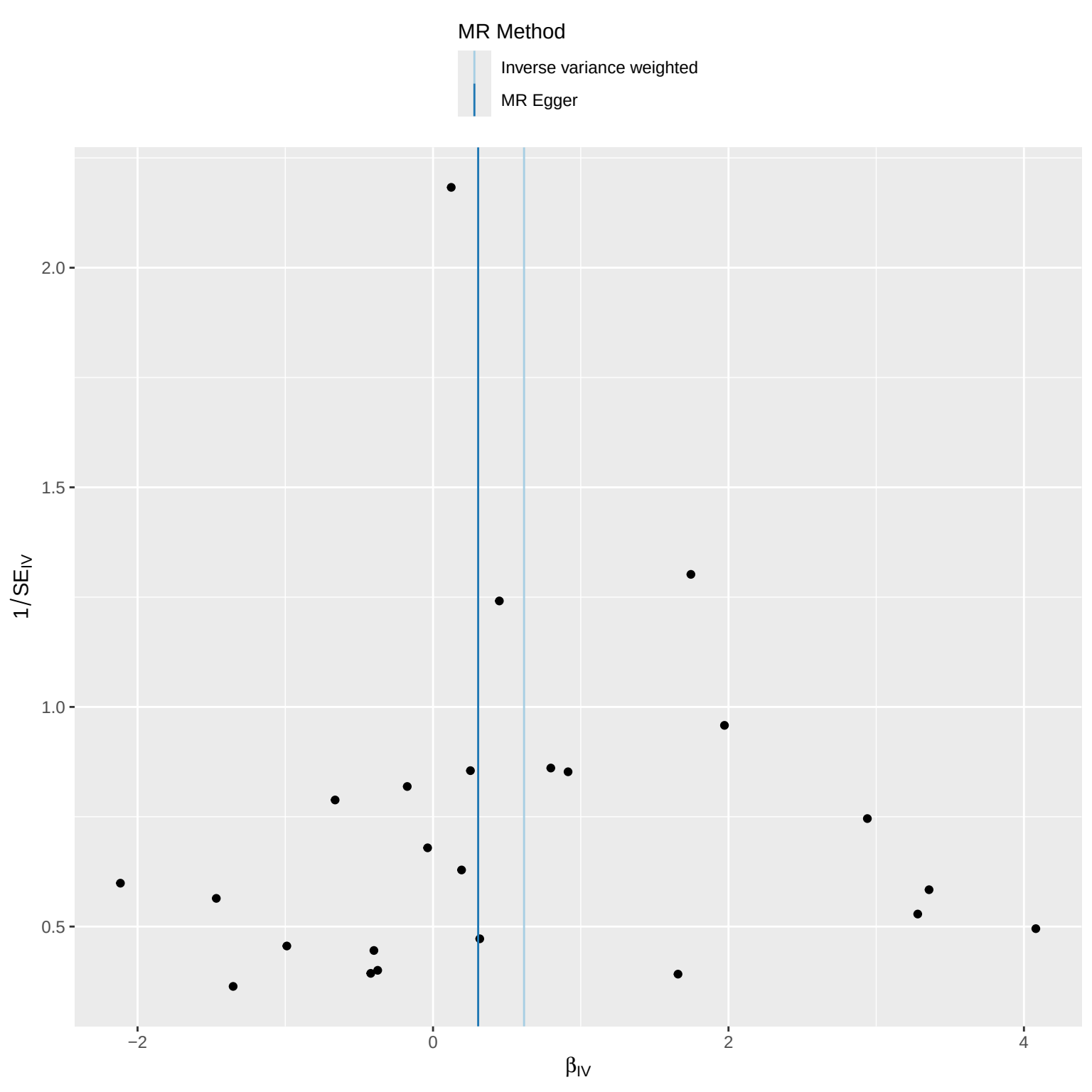

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
3
β_IV

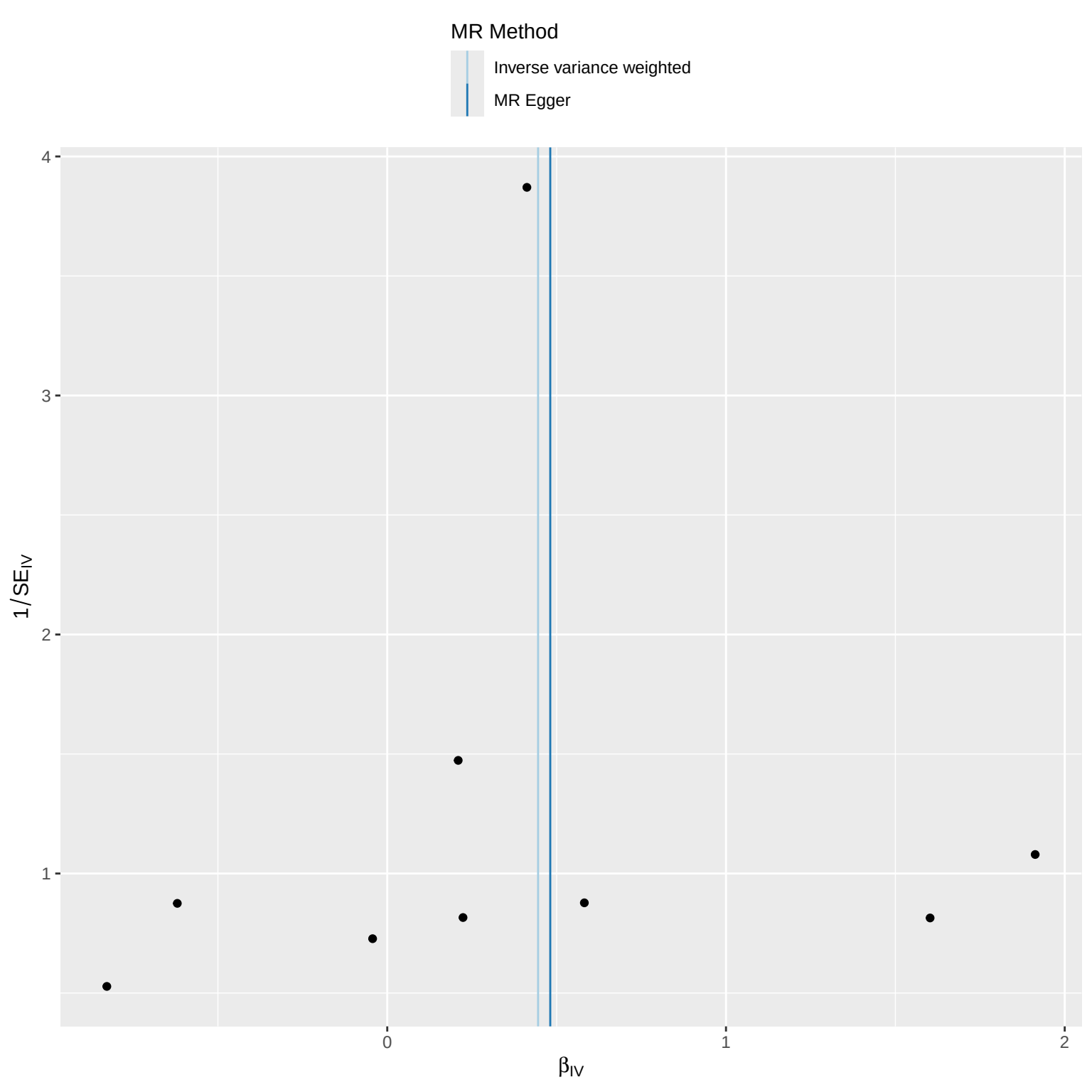

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

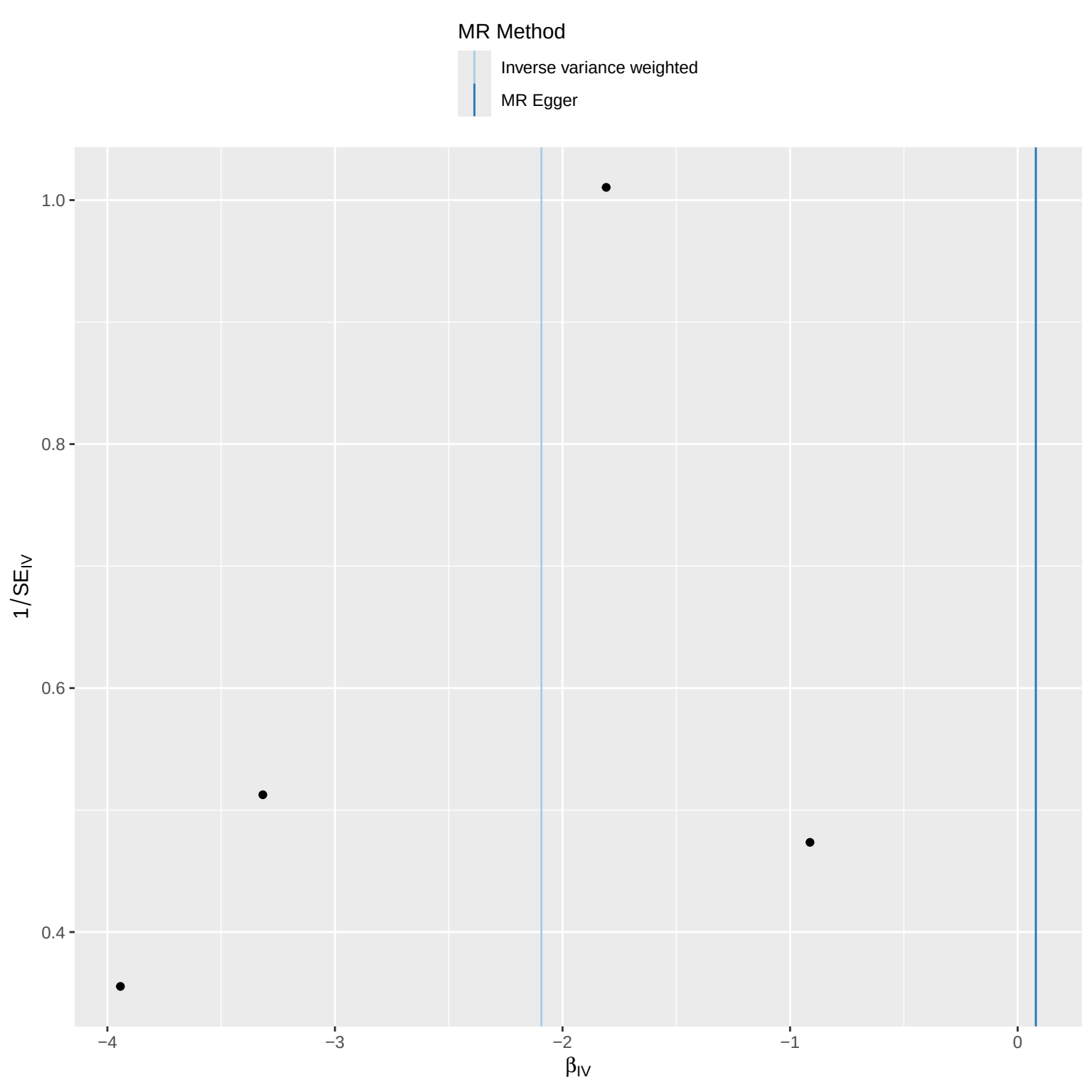

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−2
0
2
4
β_IV

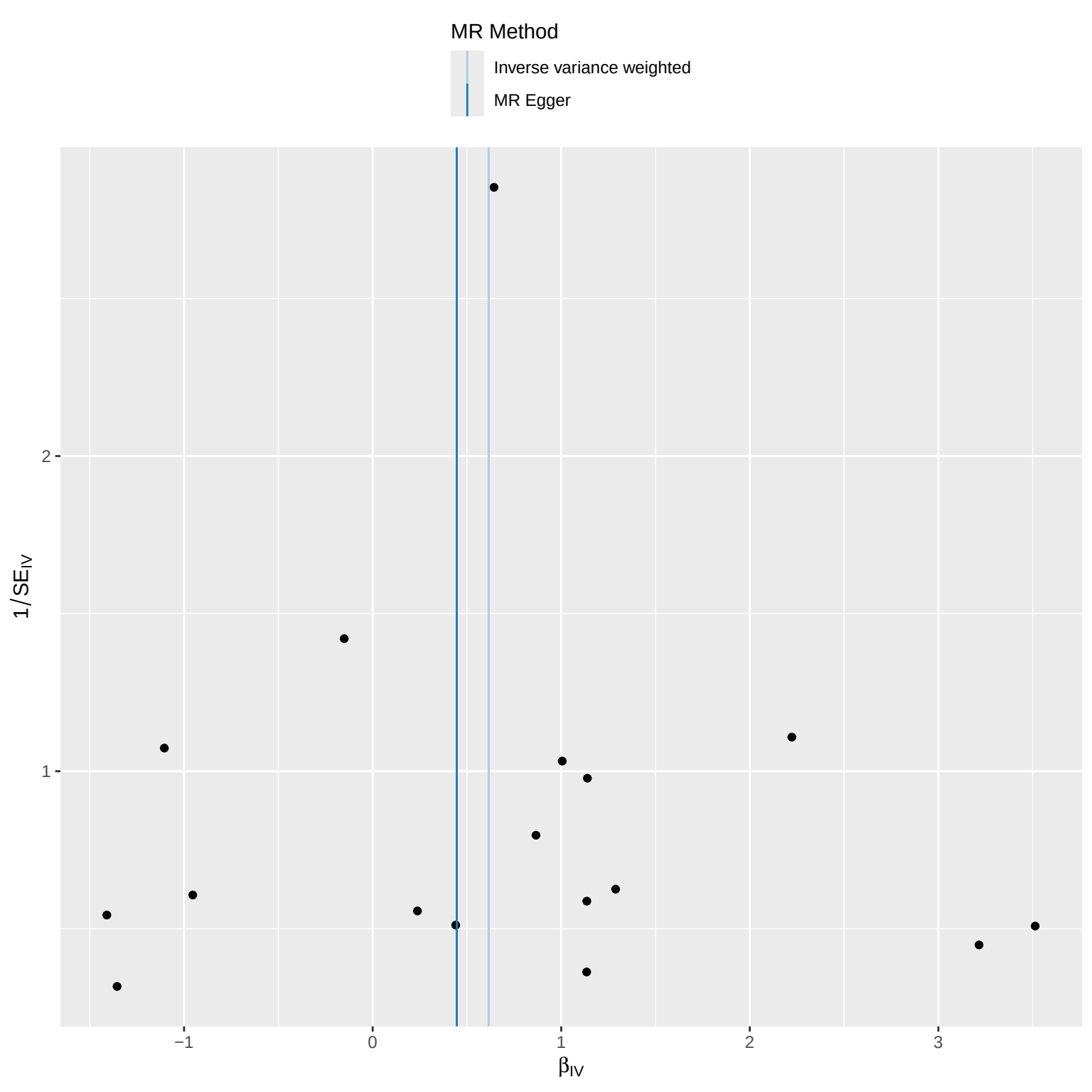

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−5
−4
−3
−2
−1
0
1
β_IV

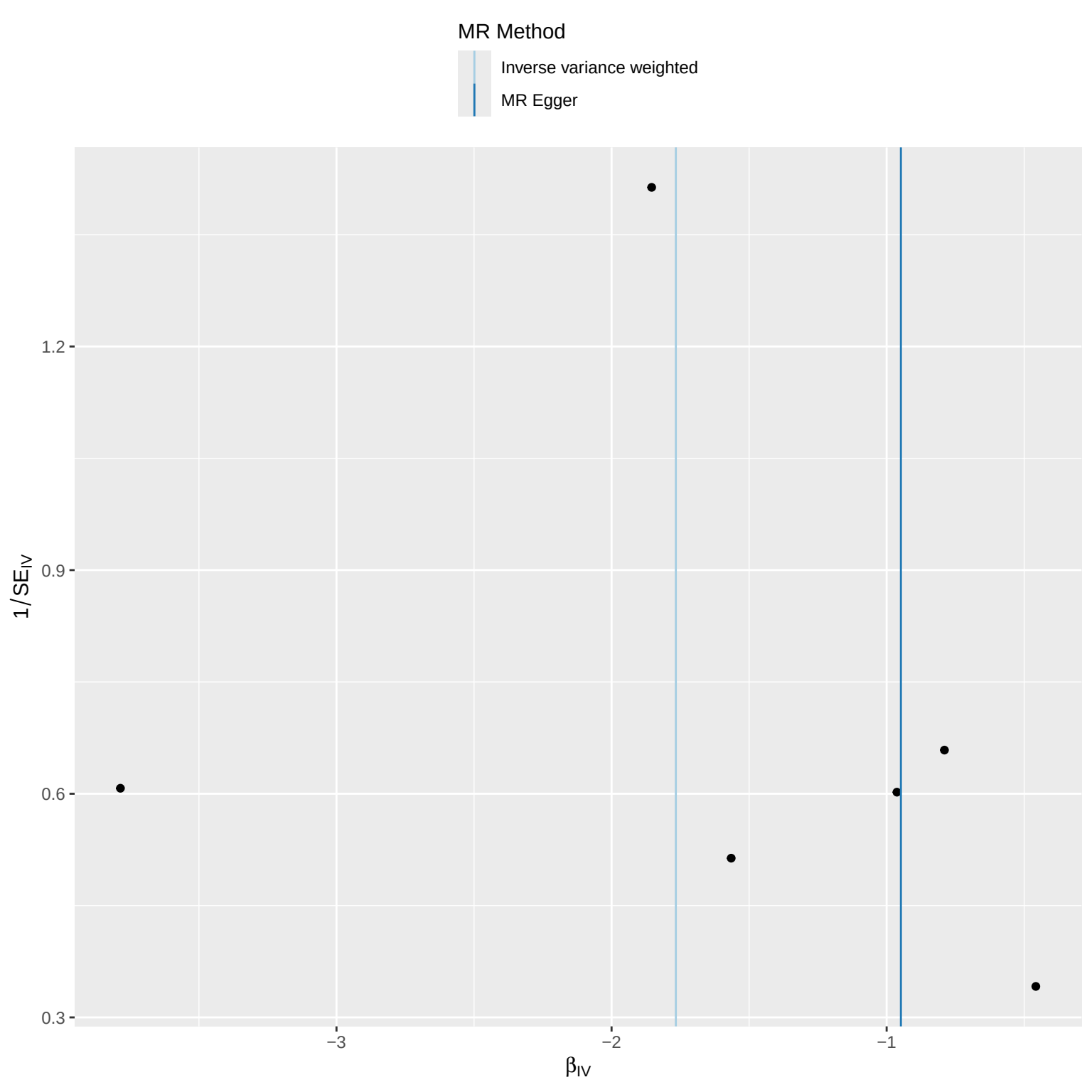

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

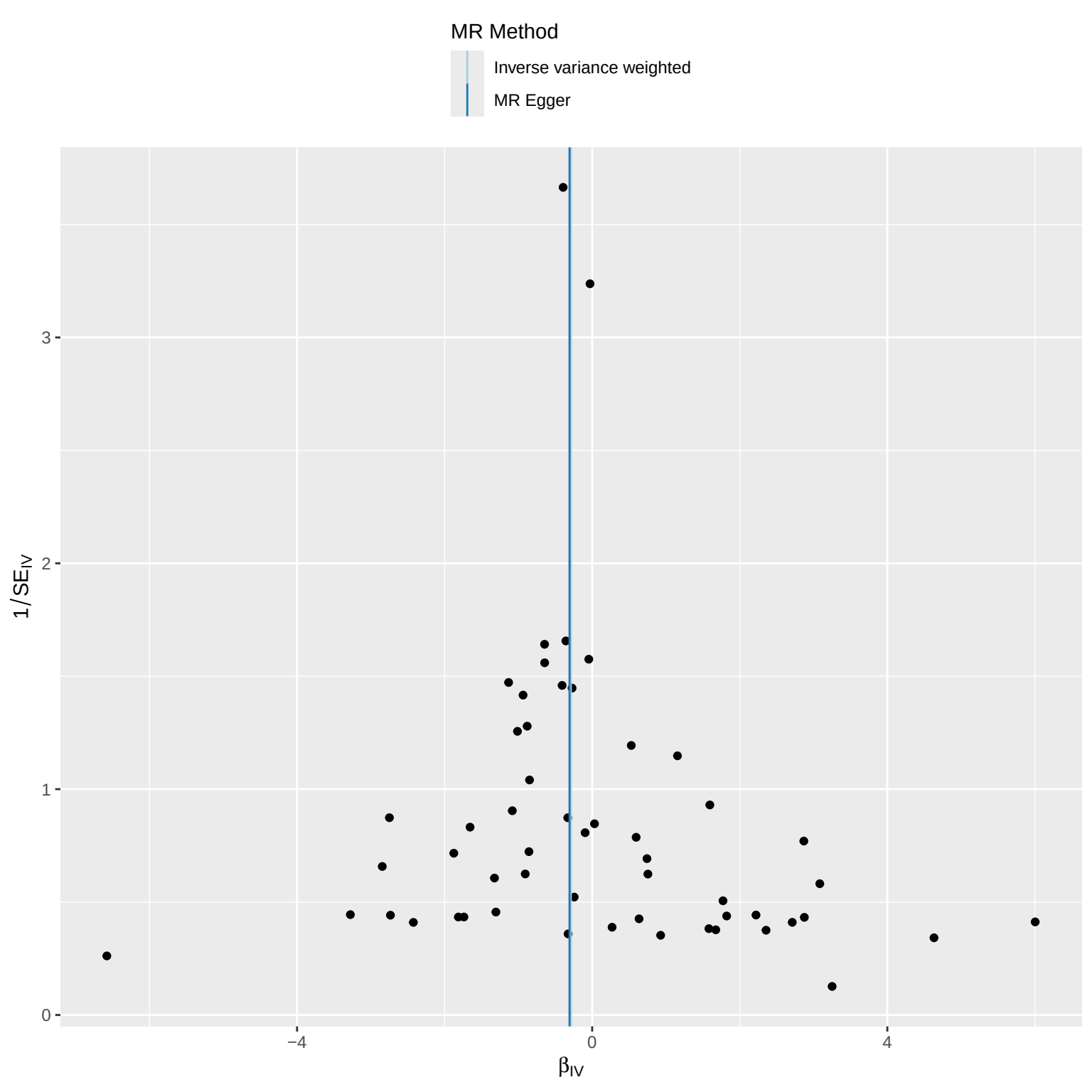

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

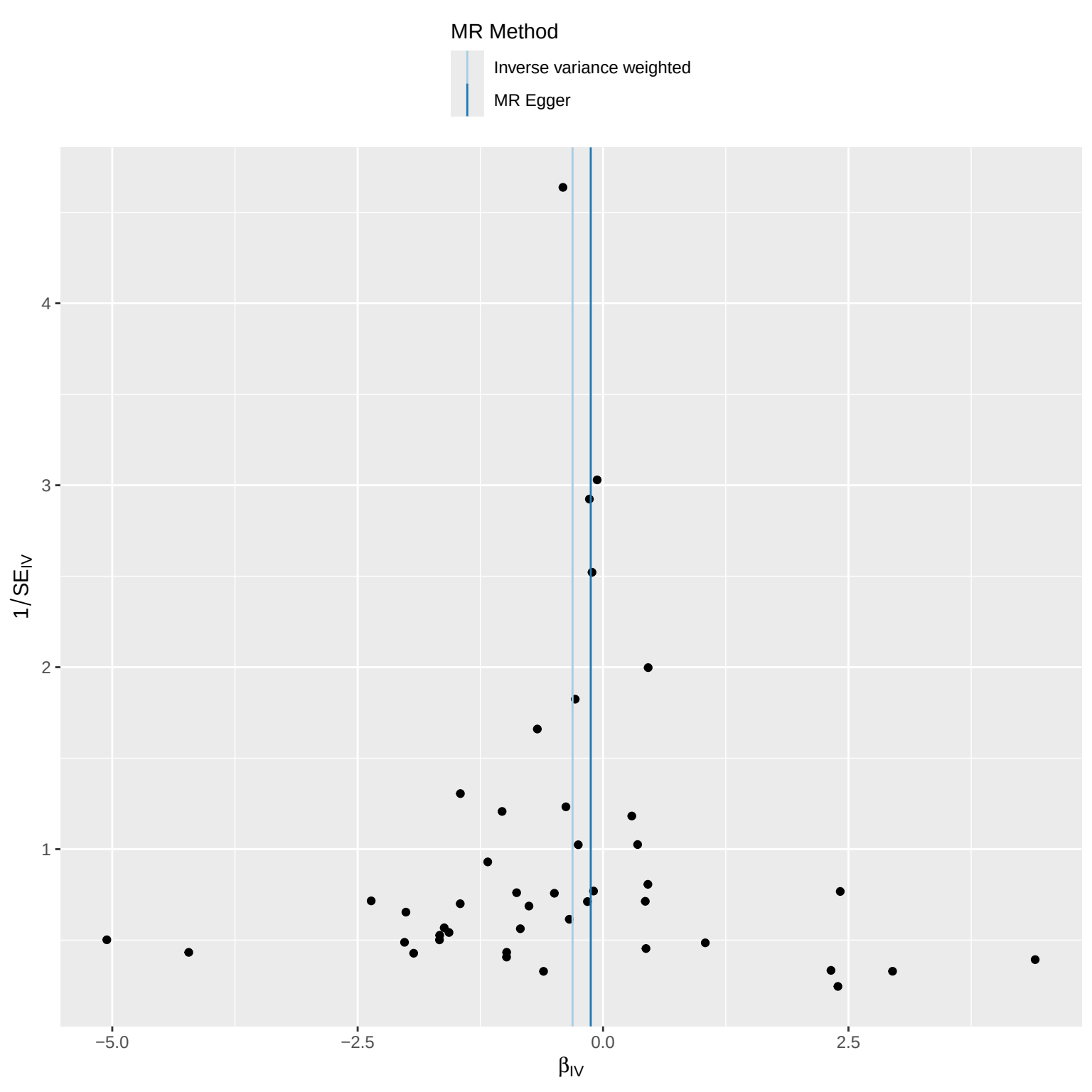

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

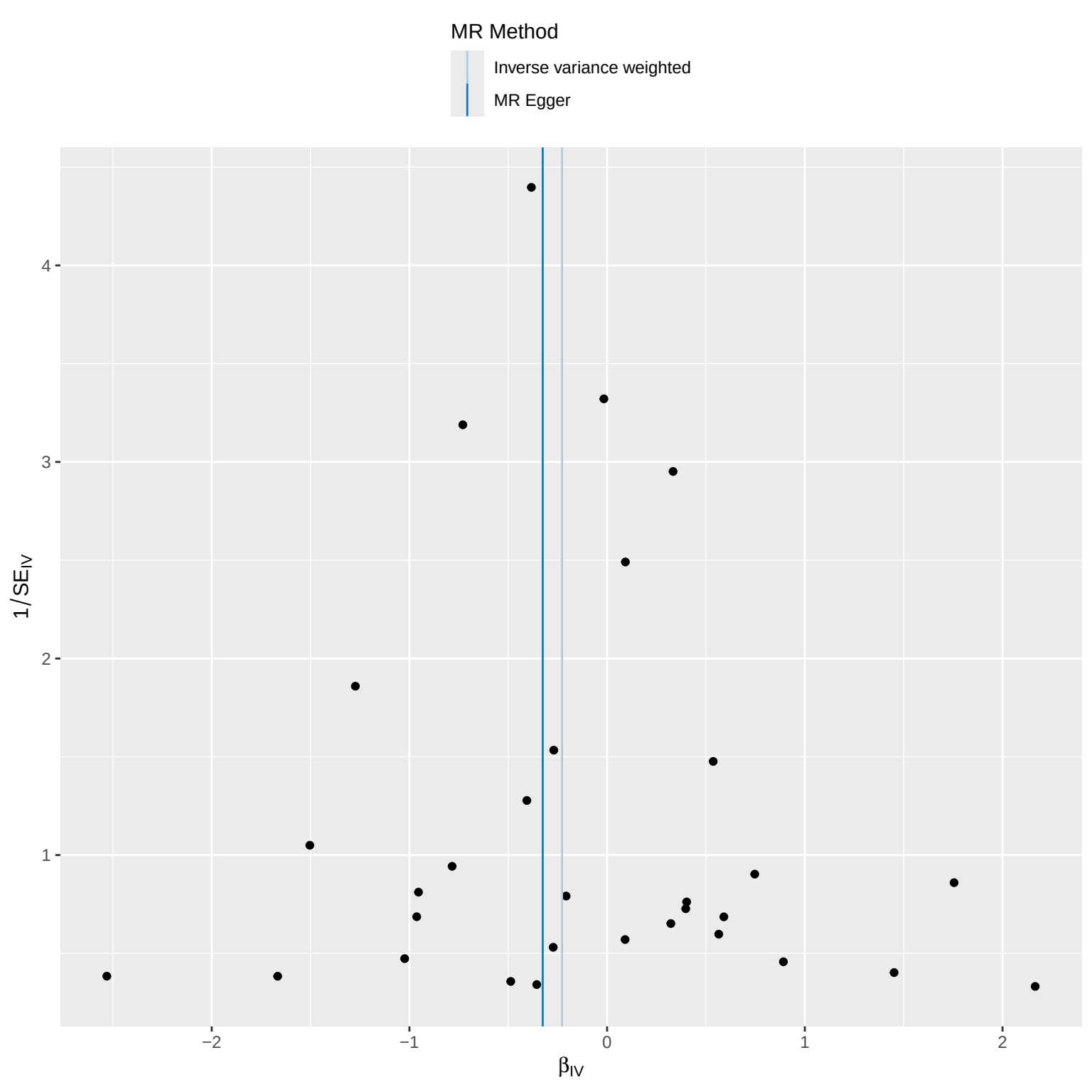

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

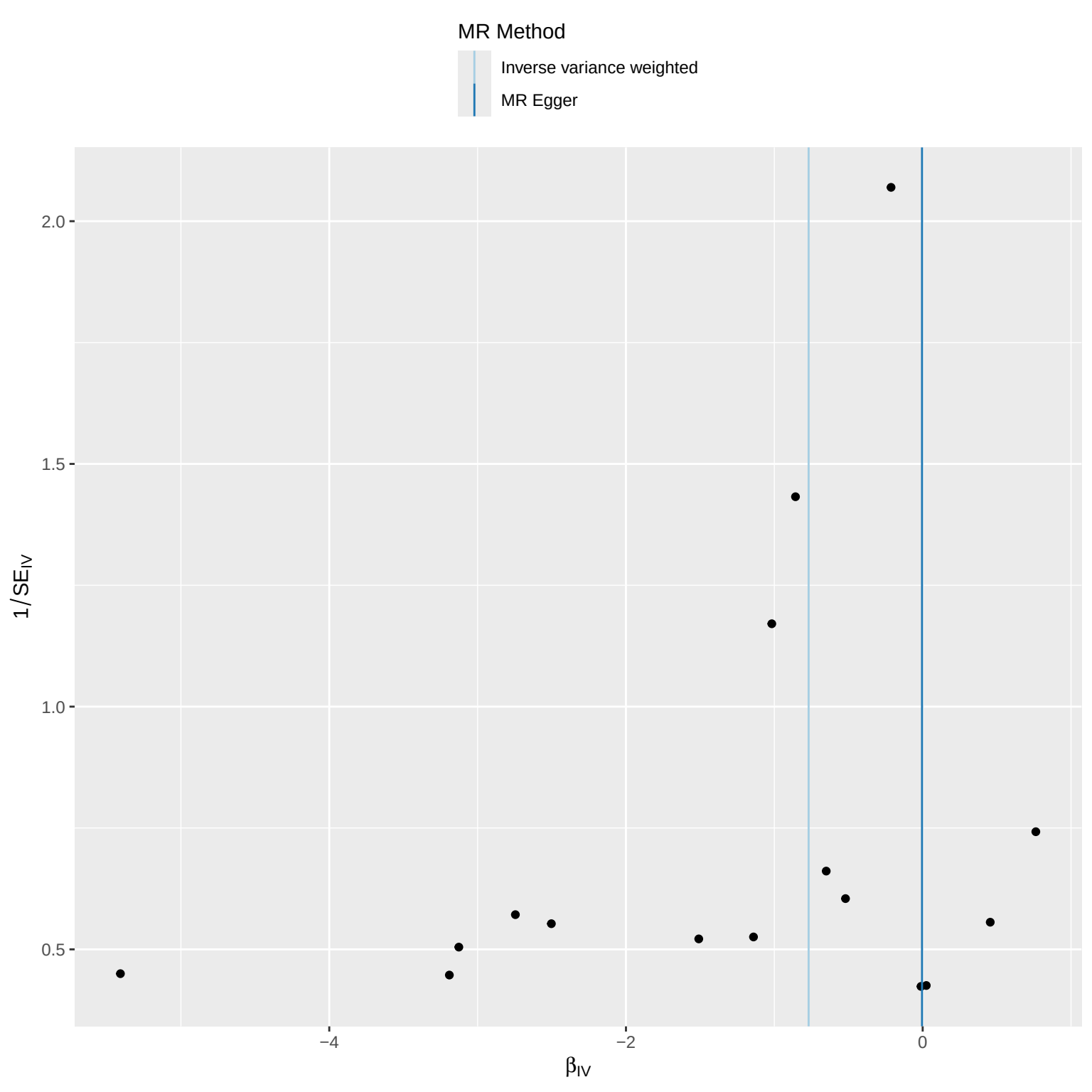

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

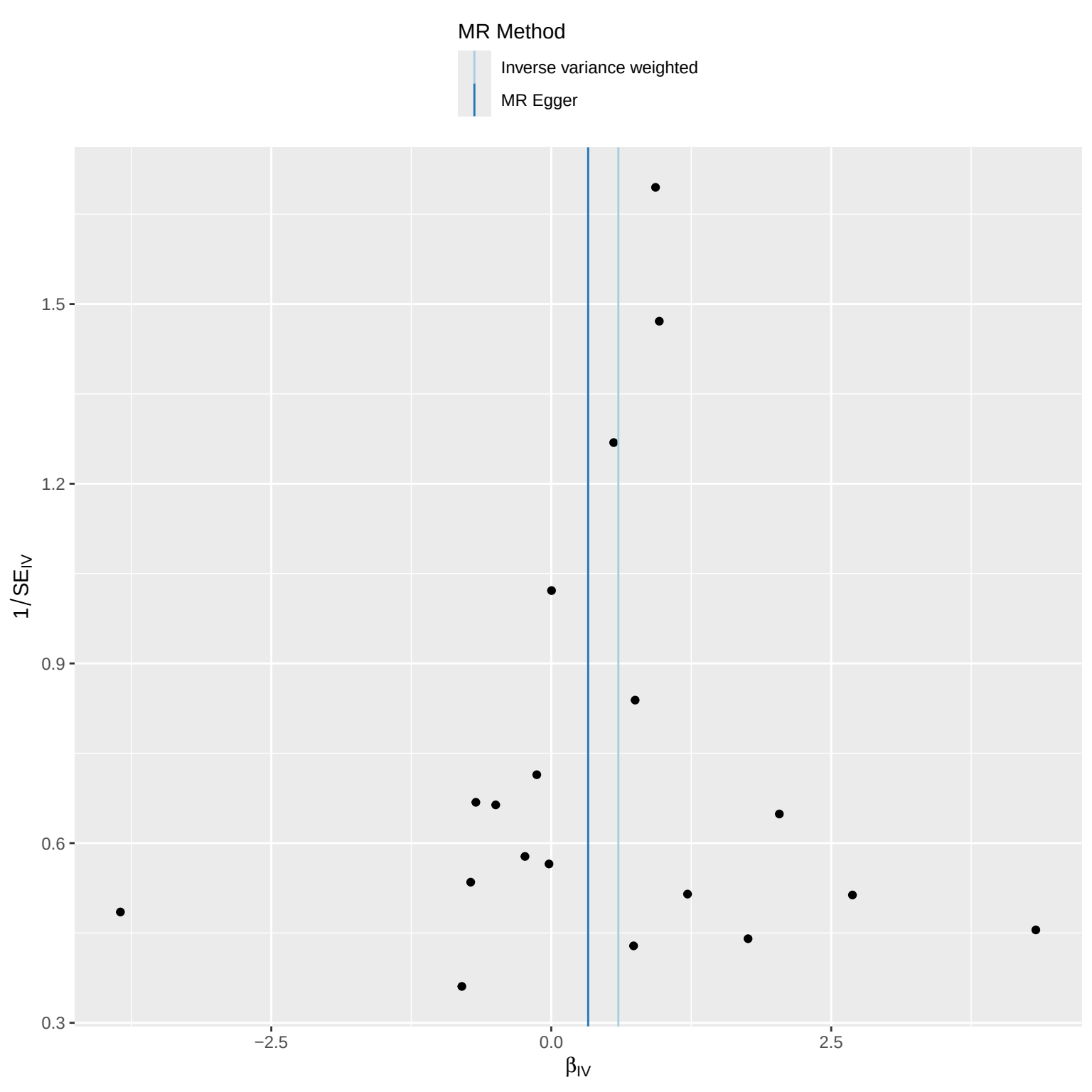

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−3
−2
−1
β_IV

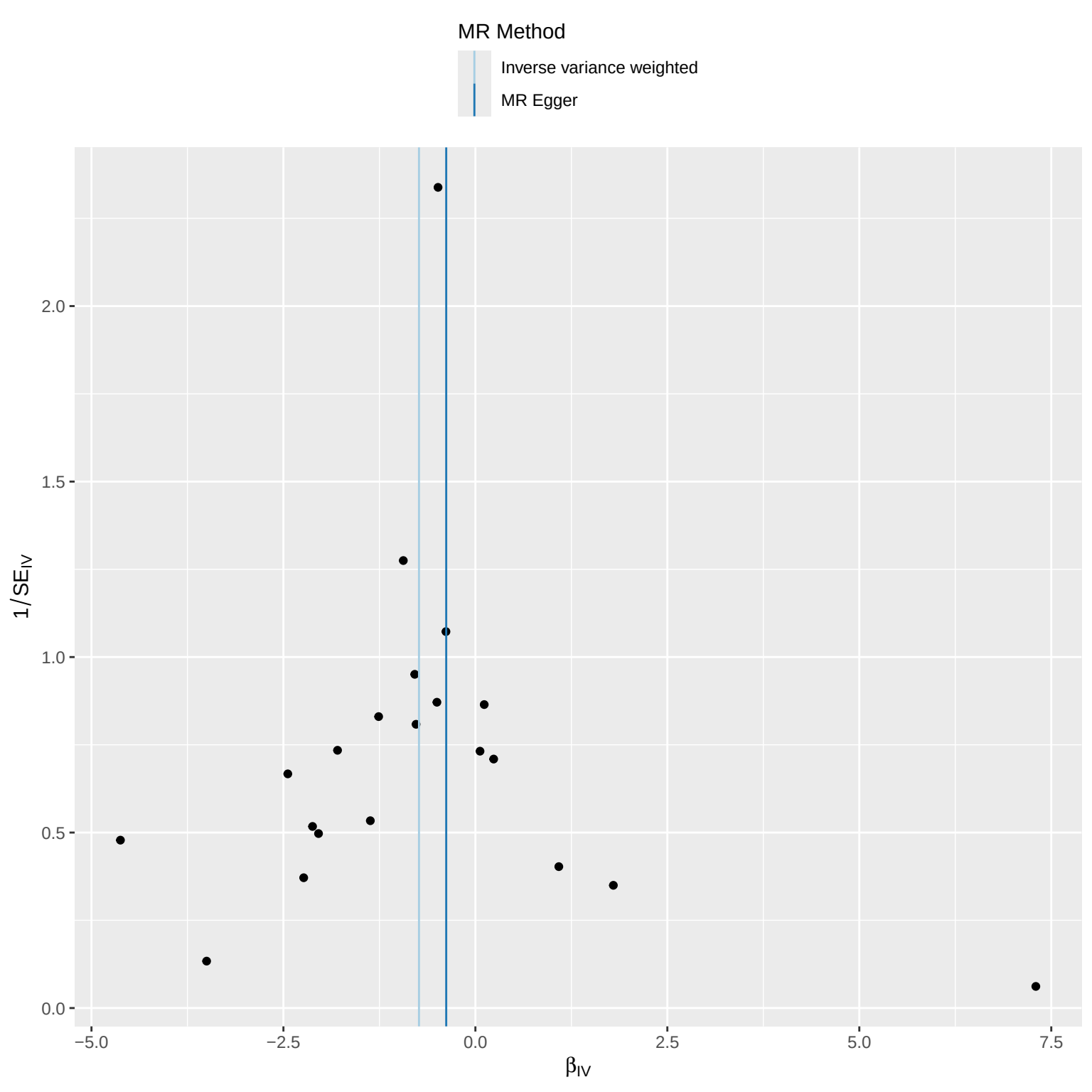

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−4
0
4
β_IV

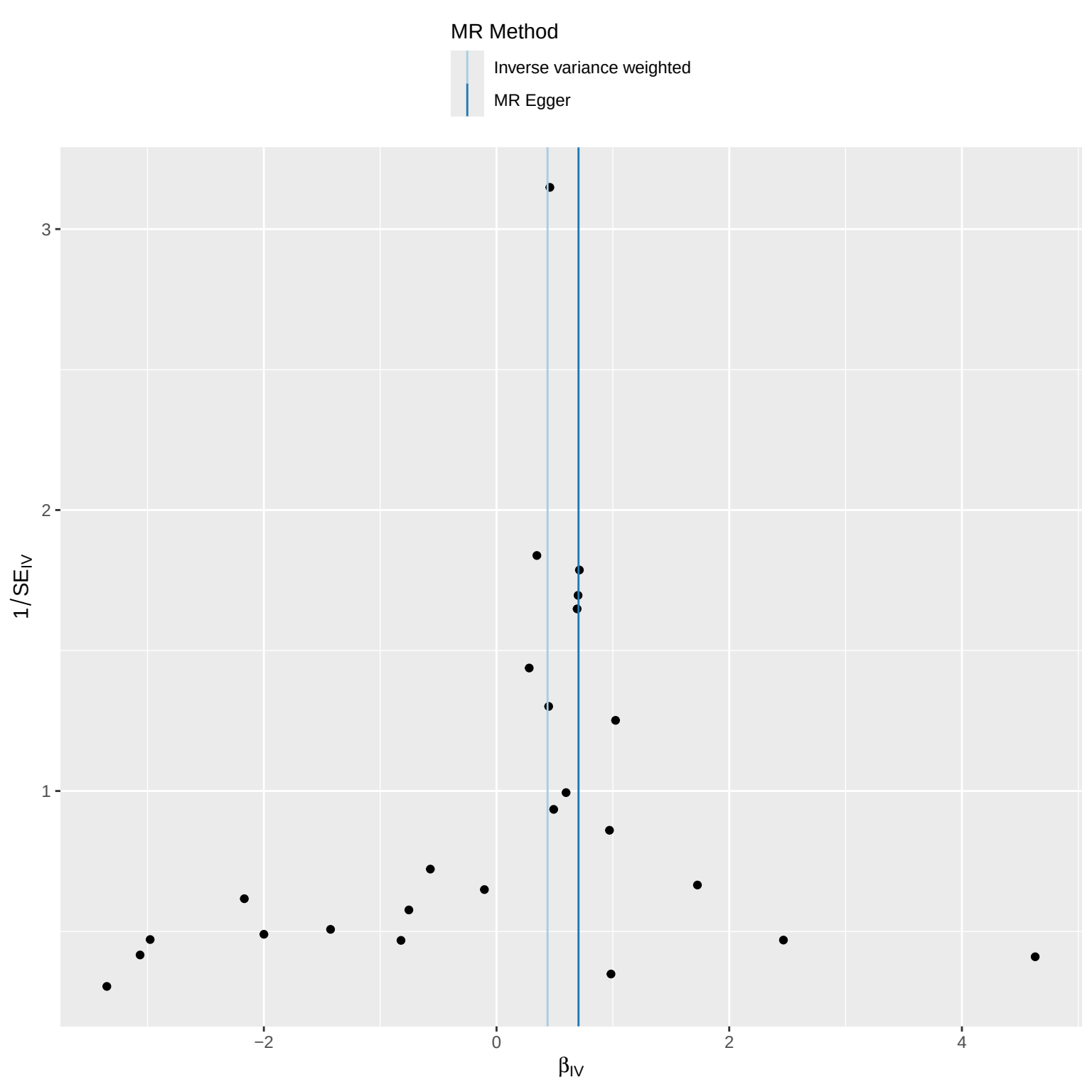

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

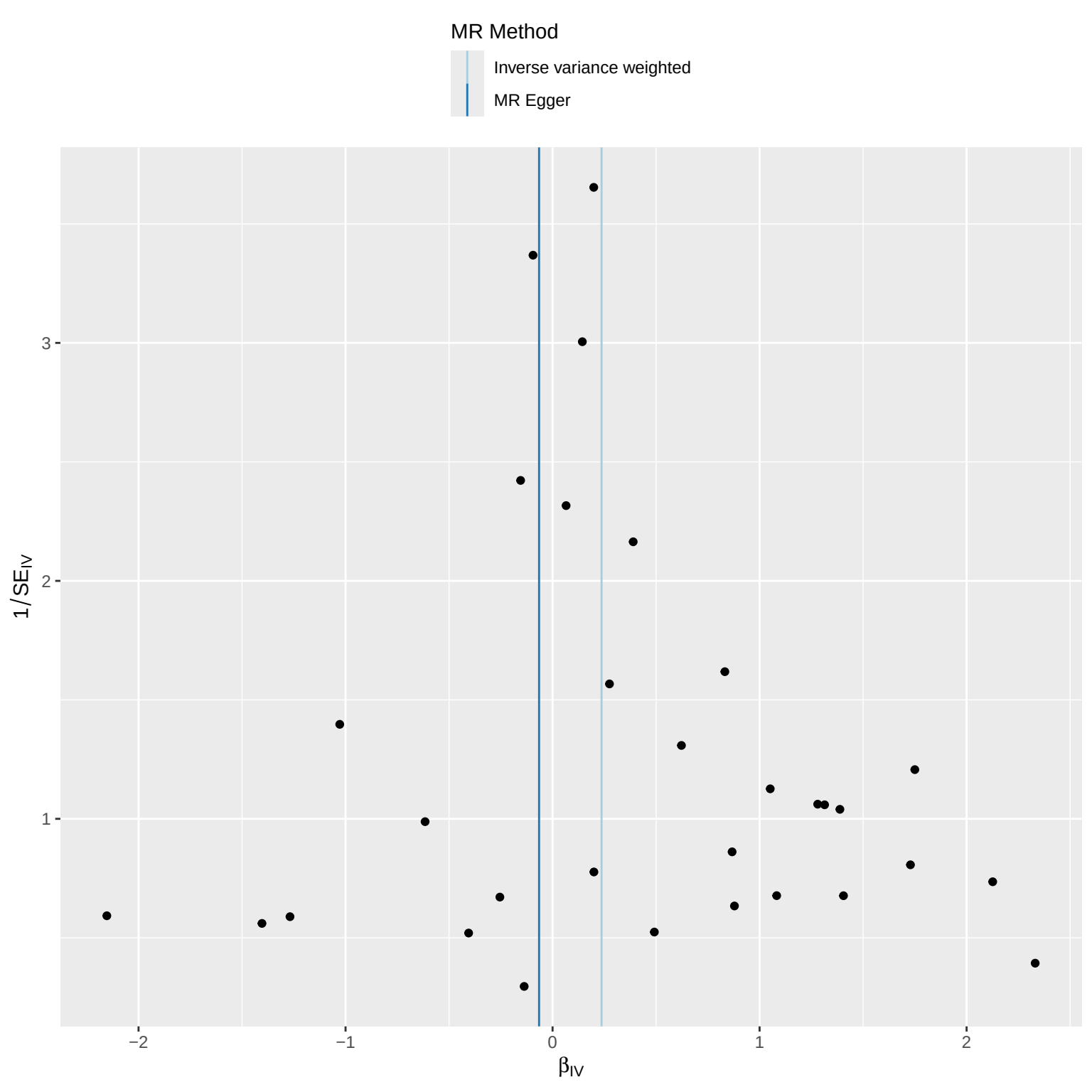

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

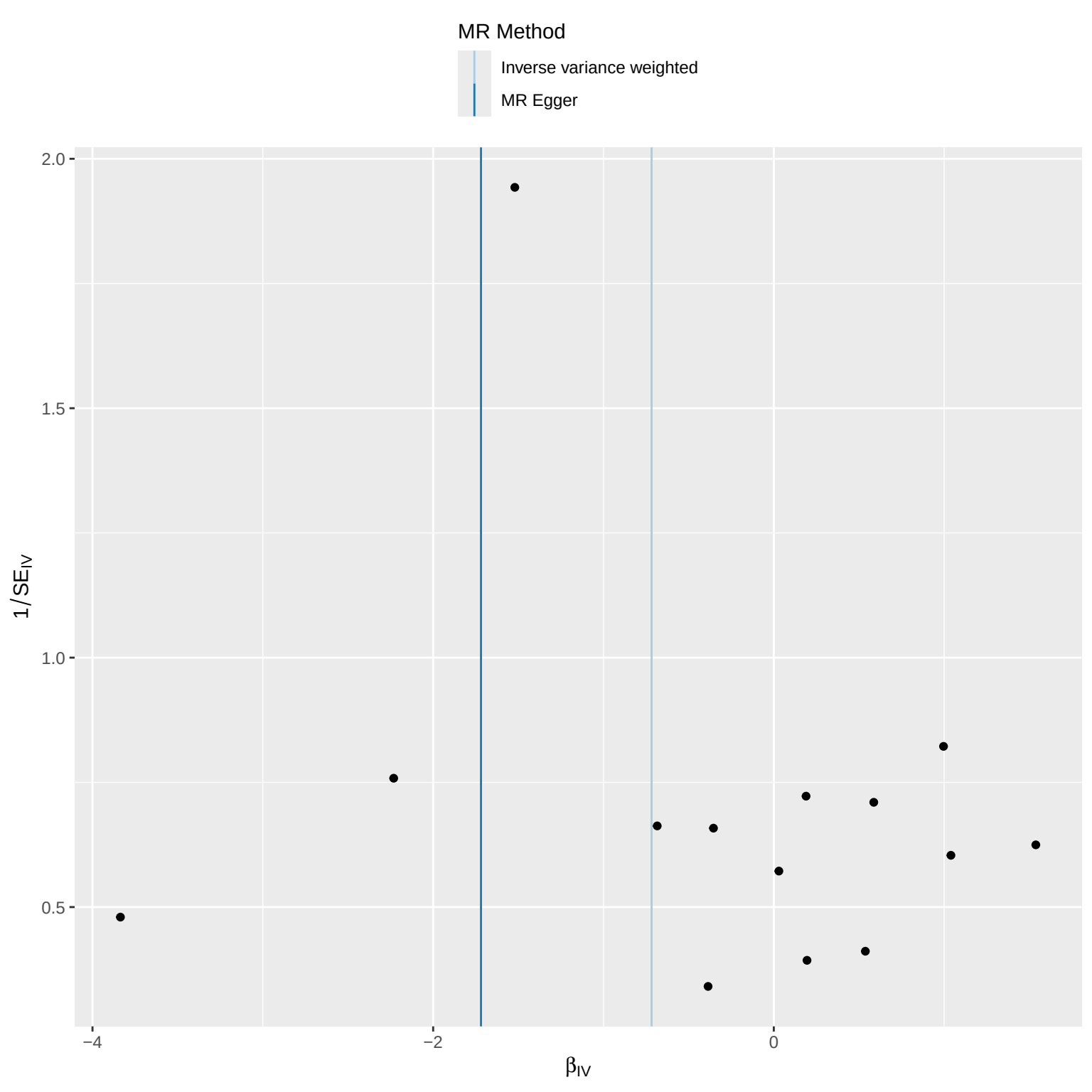

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

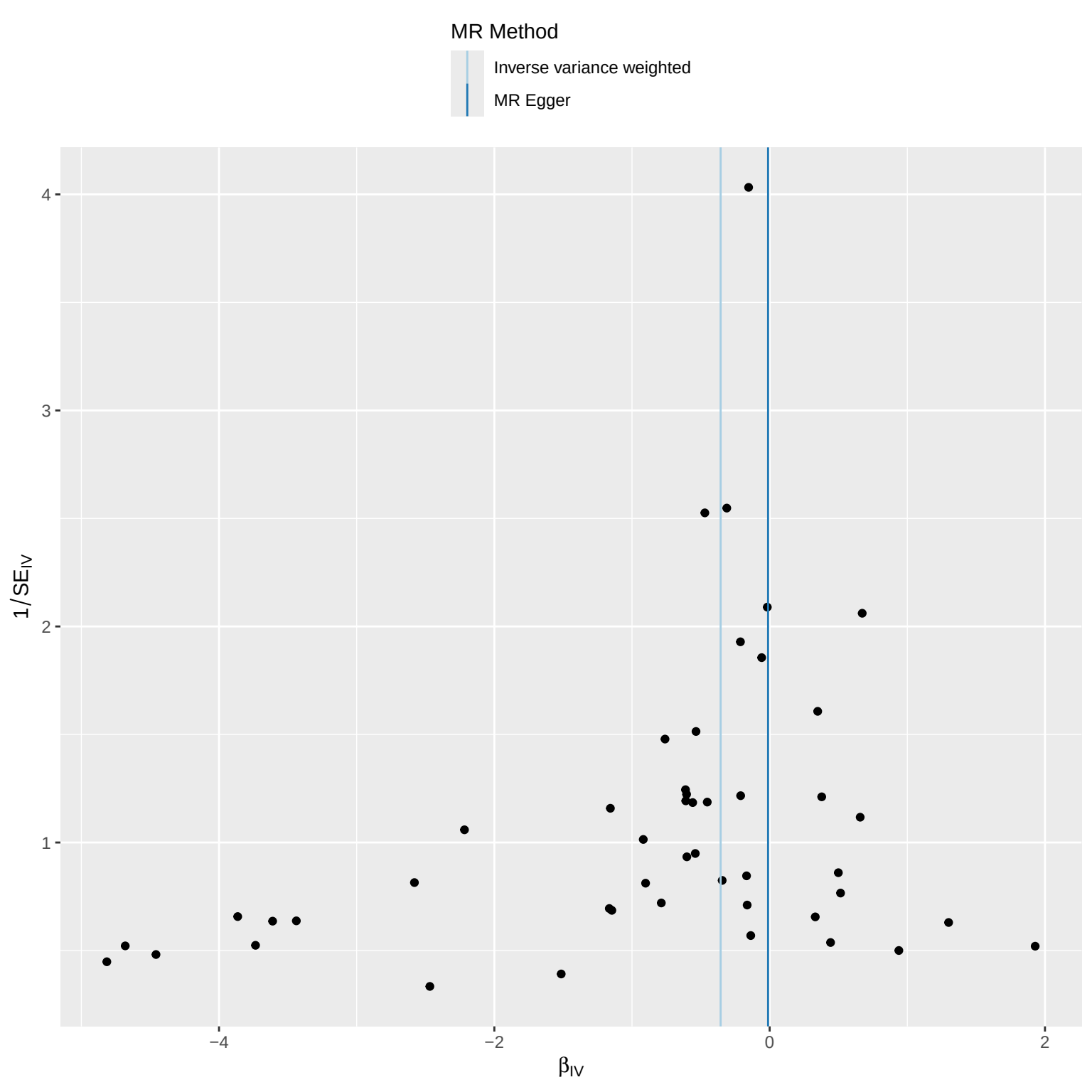

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−2.5
0.0
2.5
β_IV

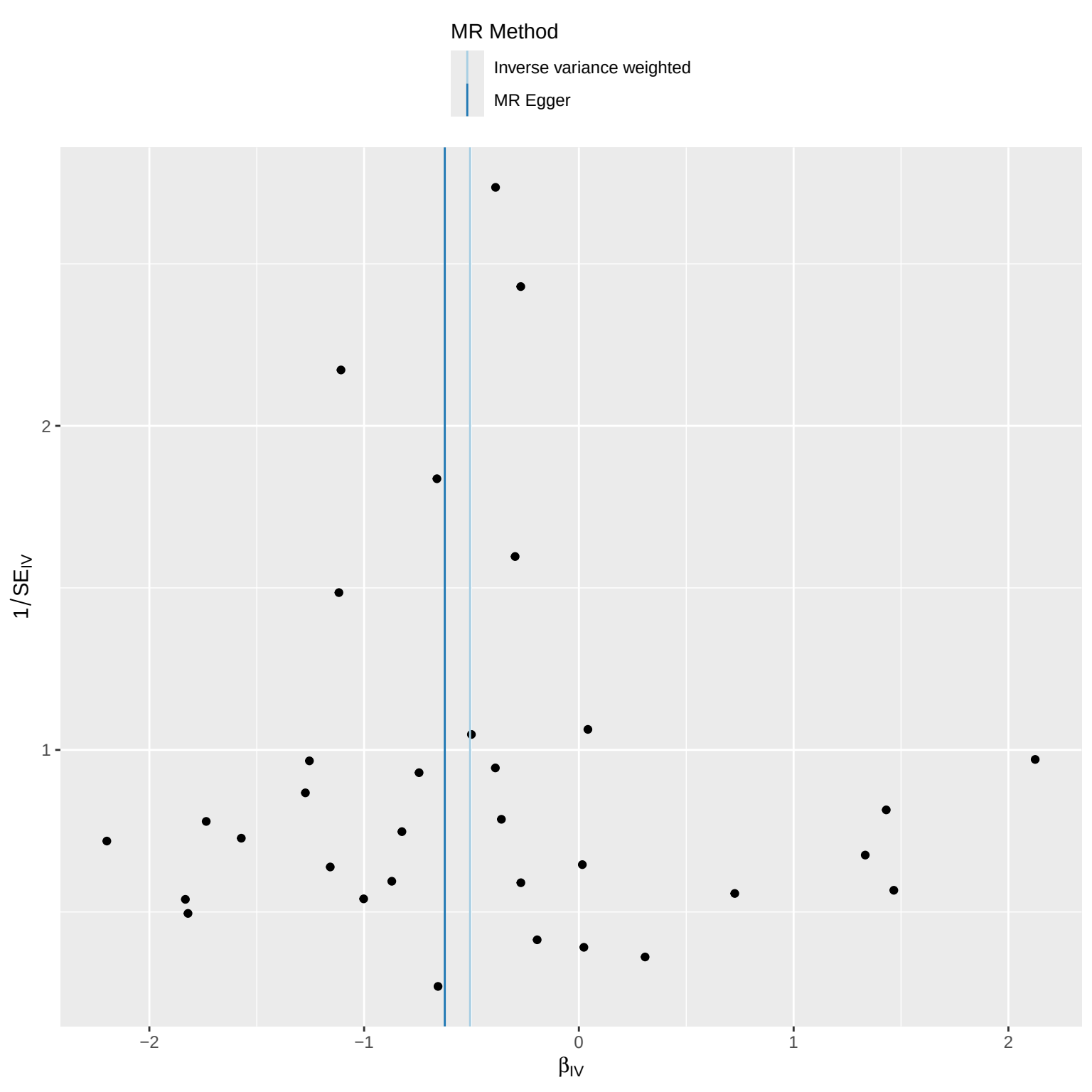

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
0.0
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
7.5
β_IV

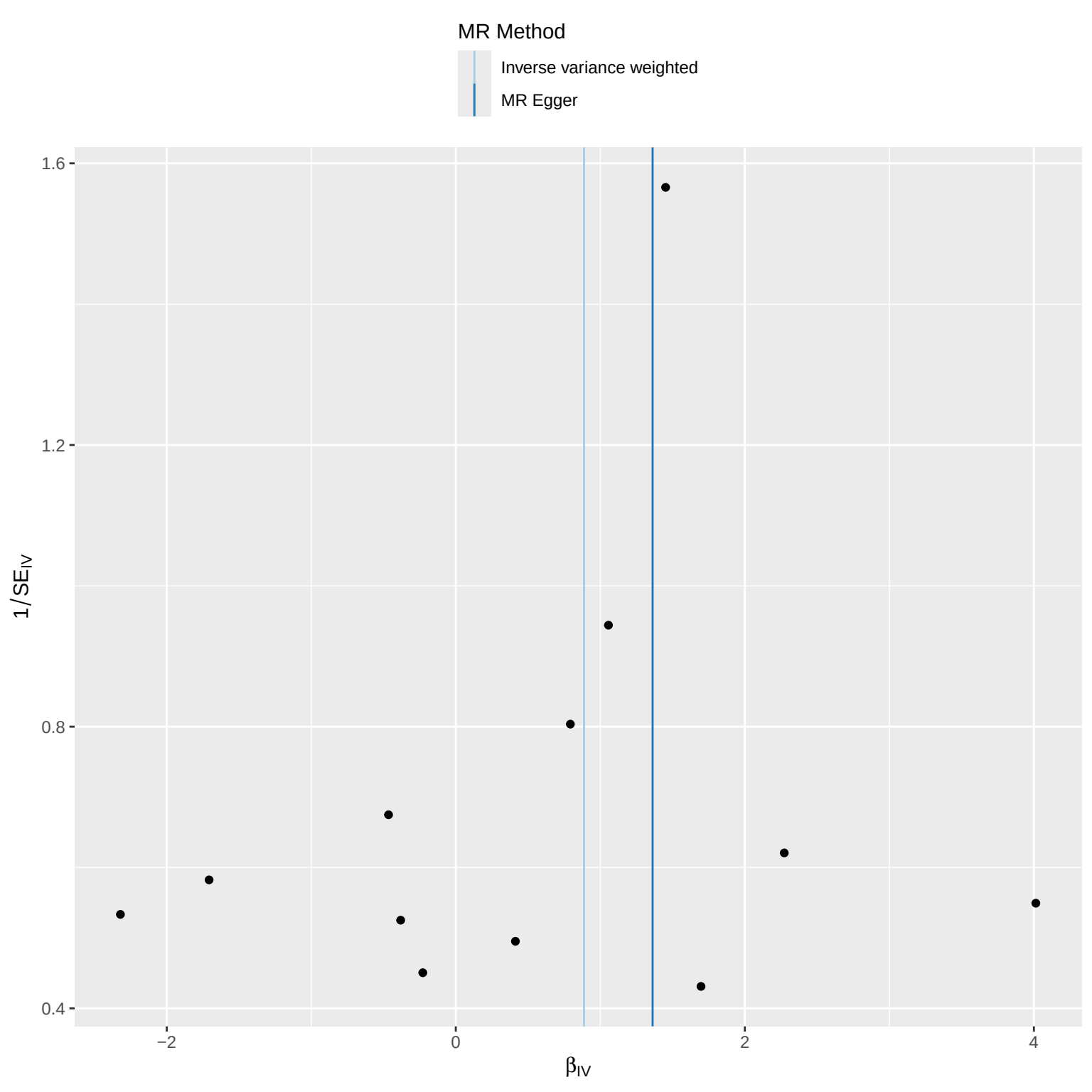

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

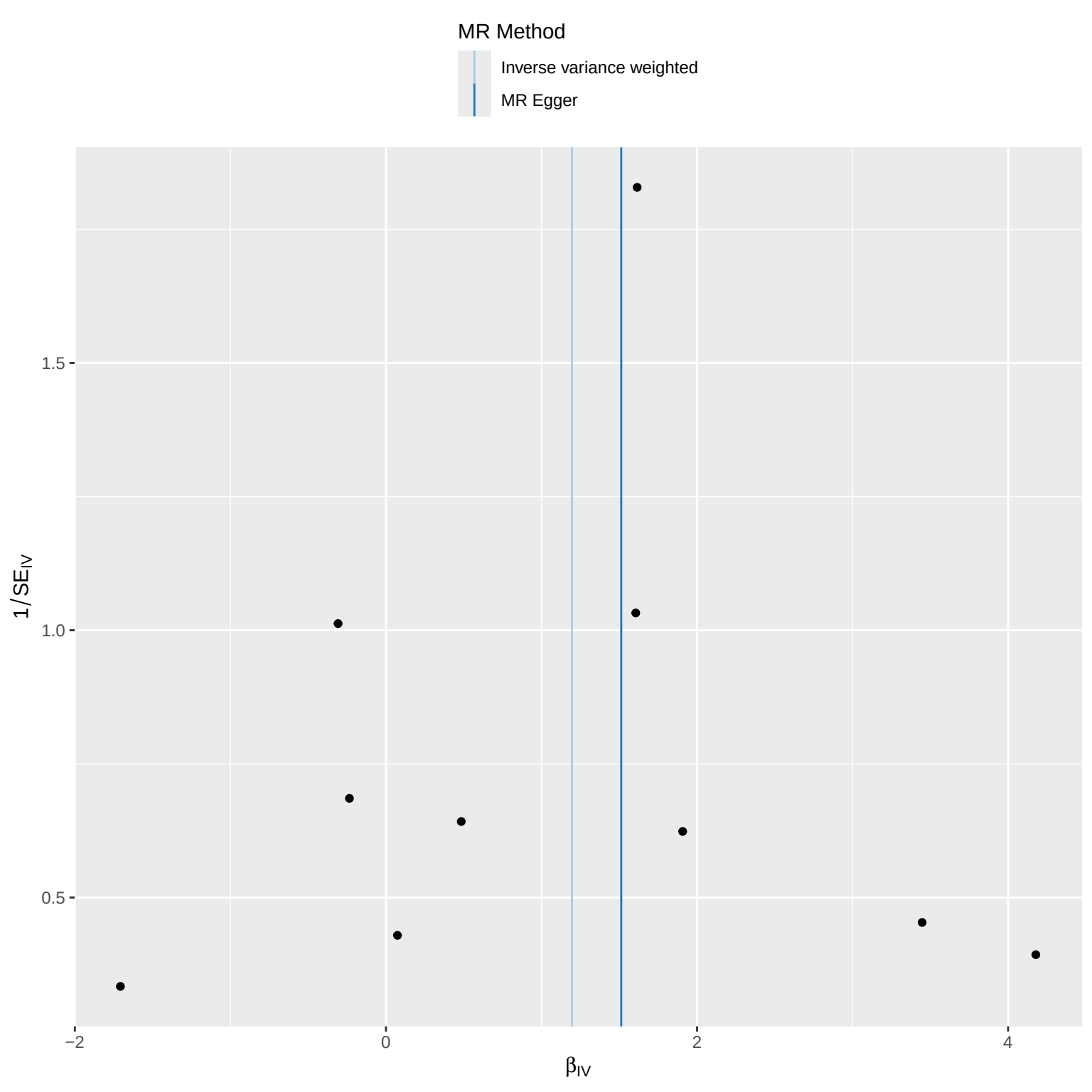

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

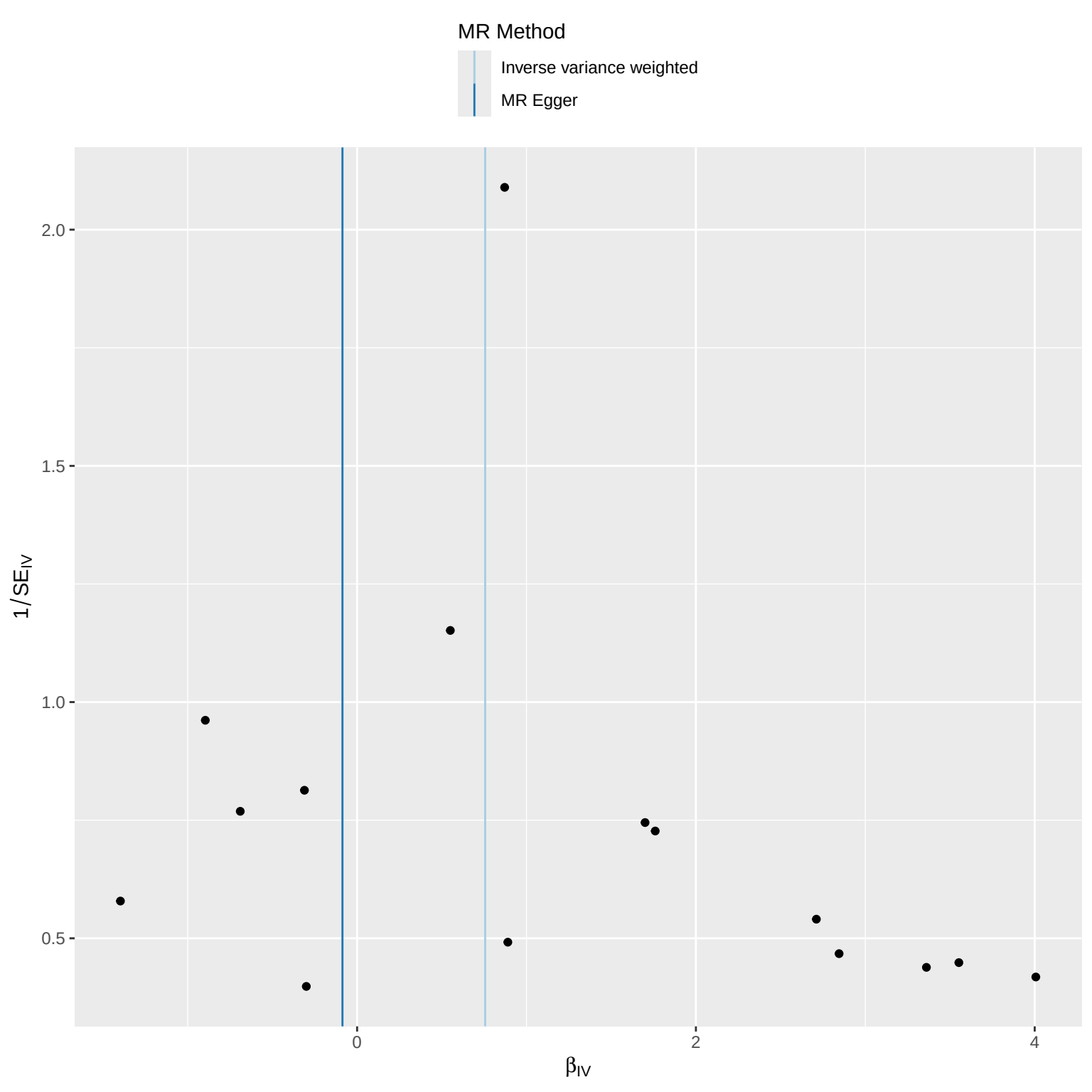

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

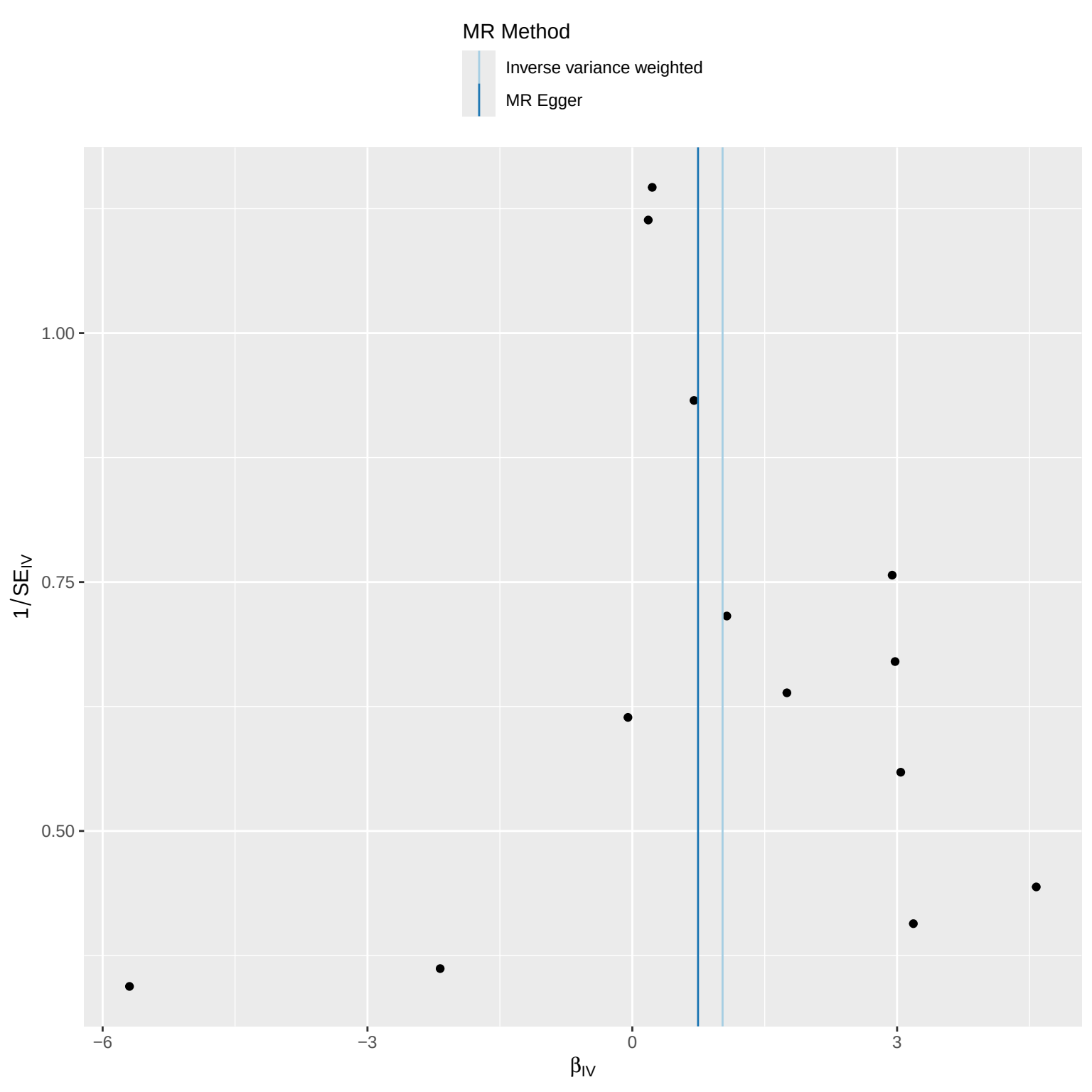

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

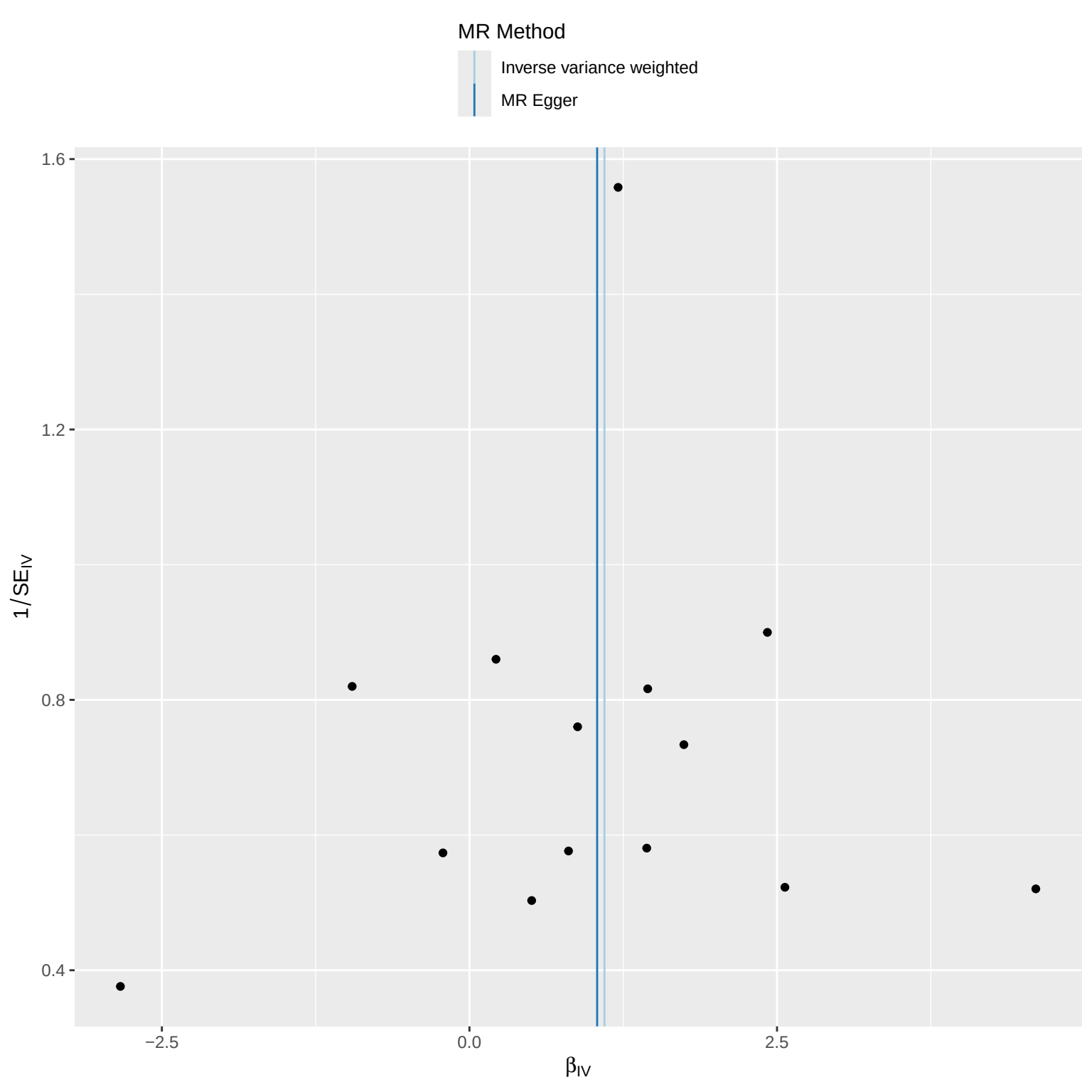

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

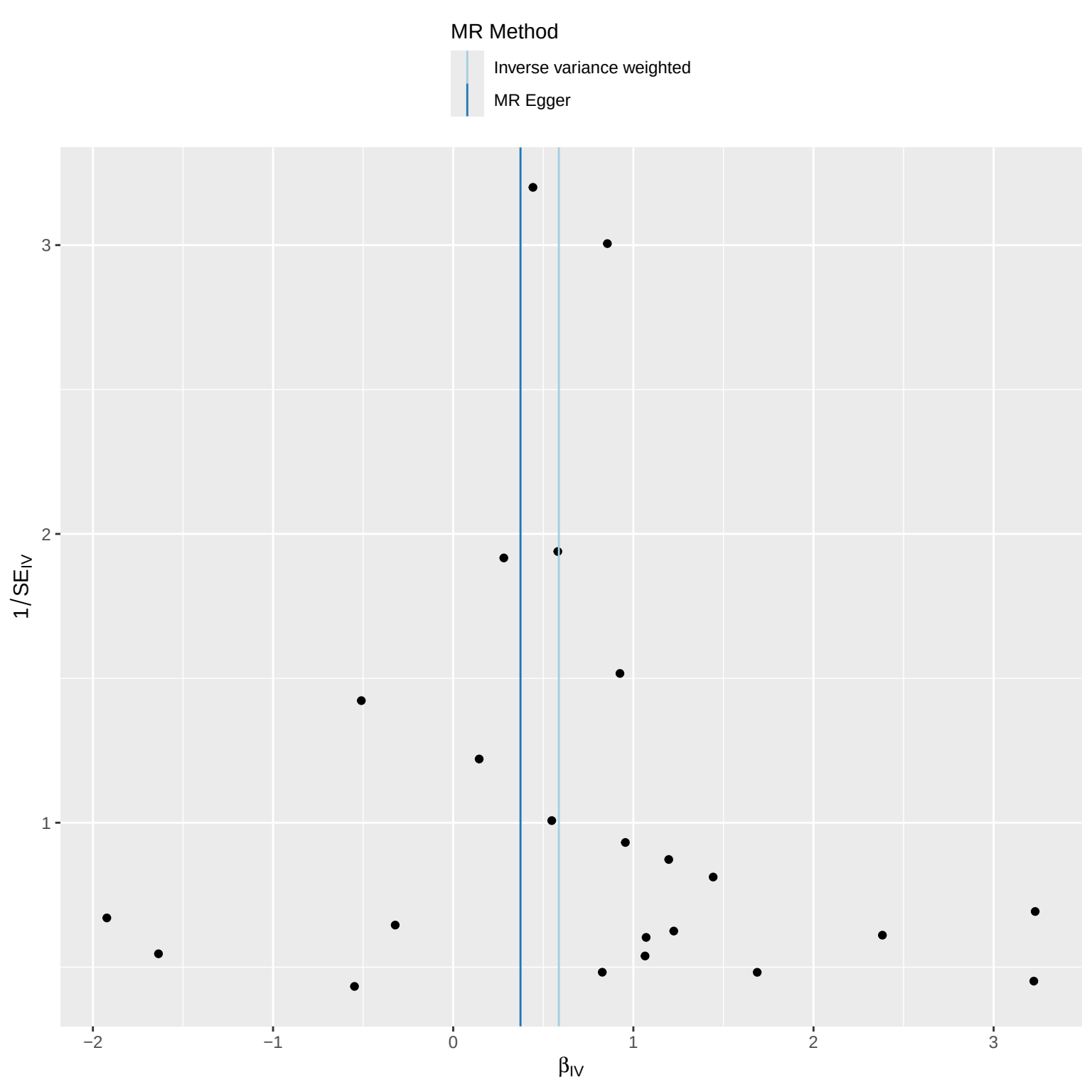

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

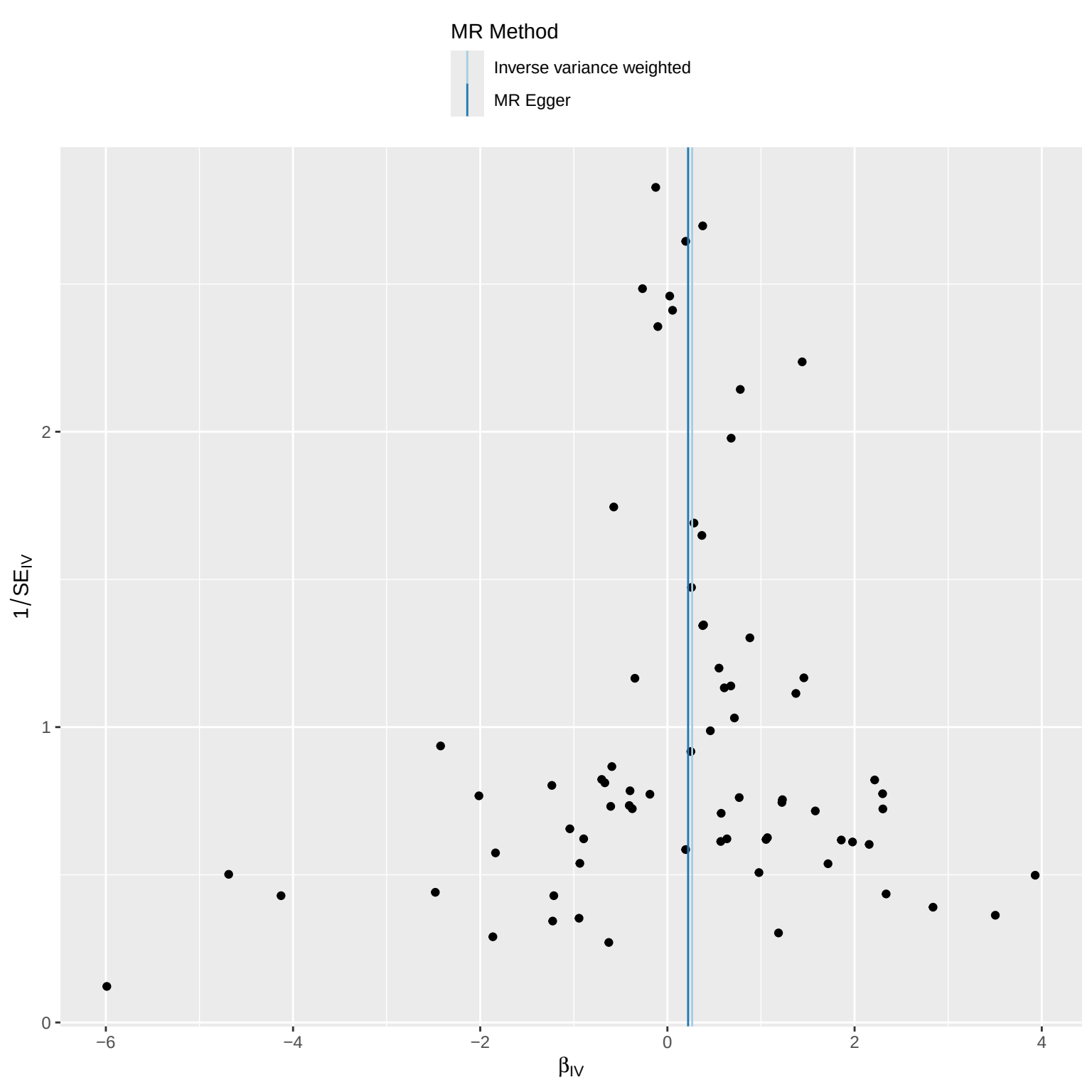

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

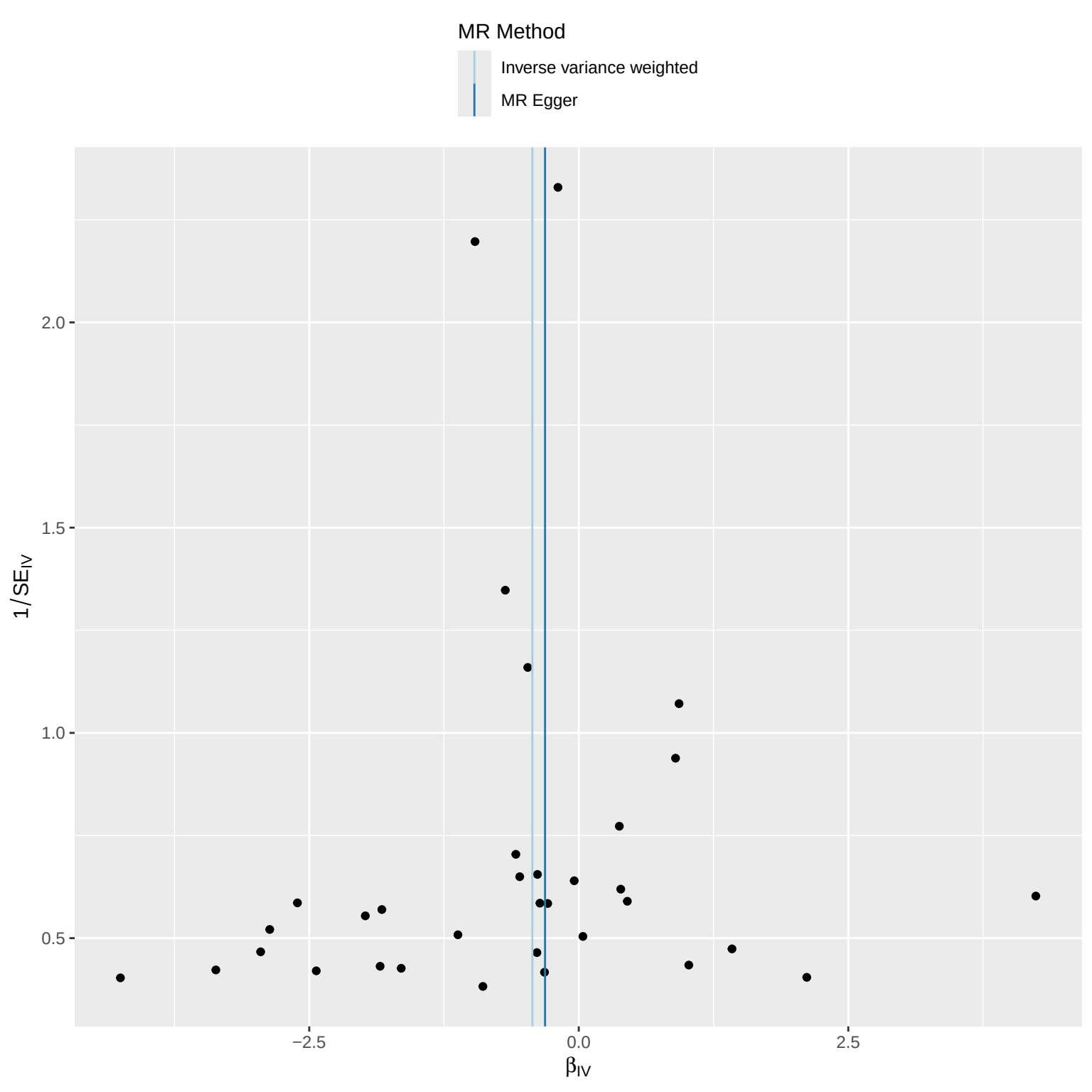

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

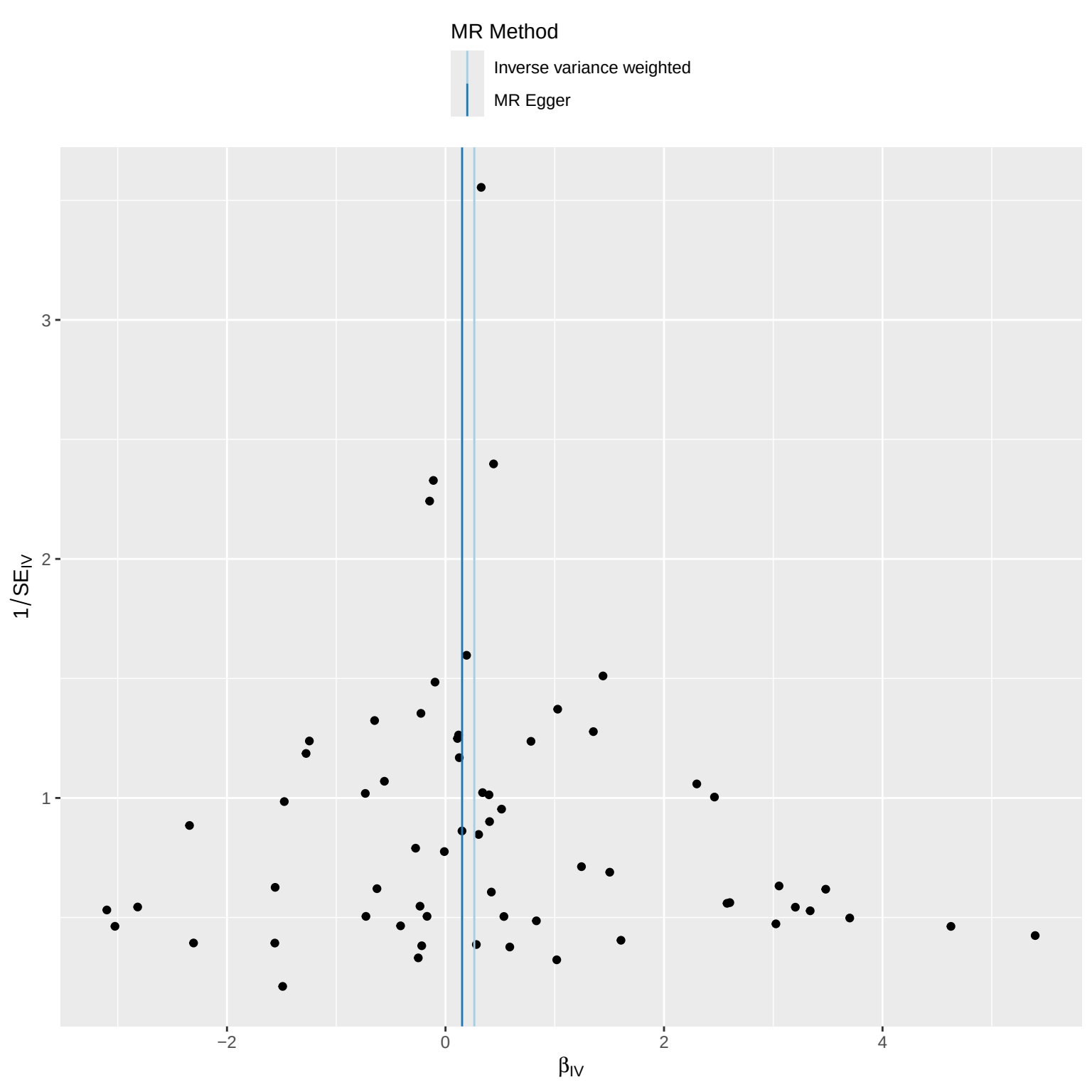

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−6
−3
0
3
β_IV

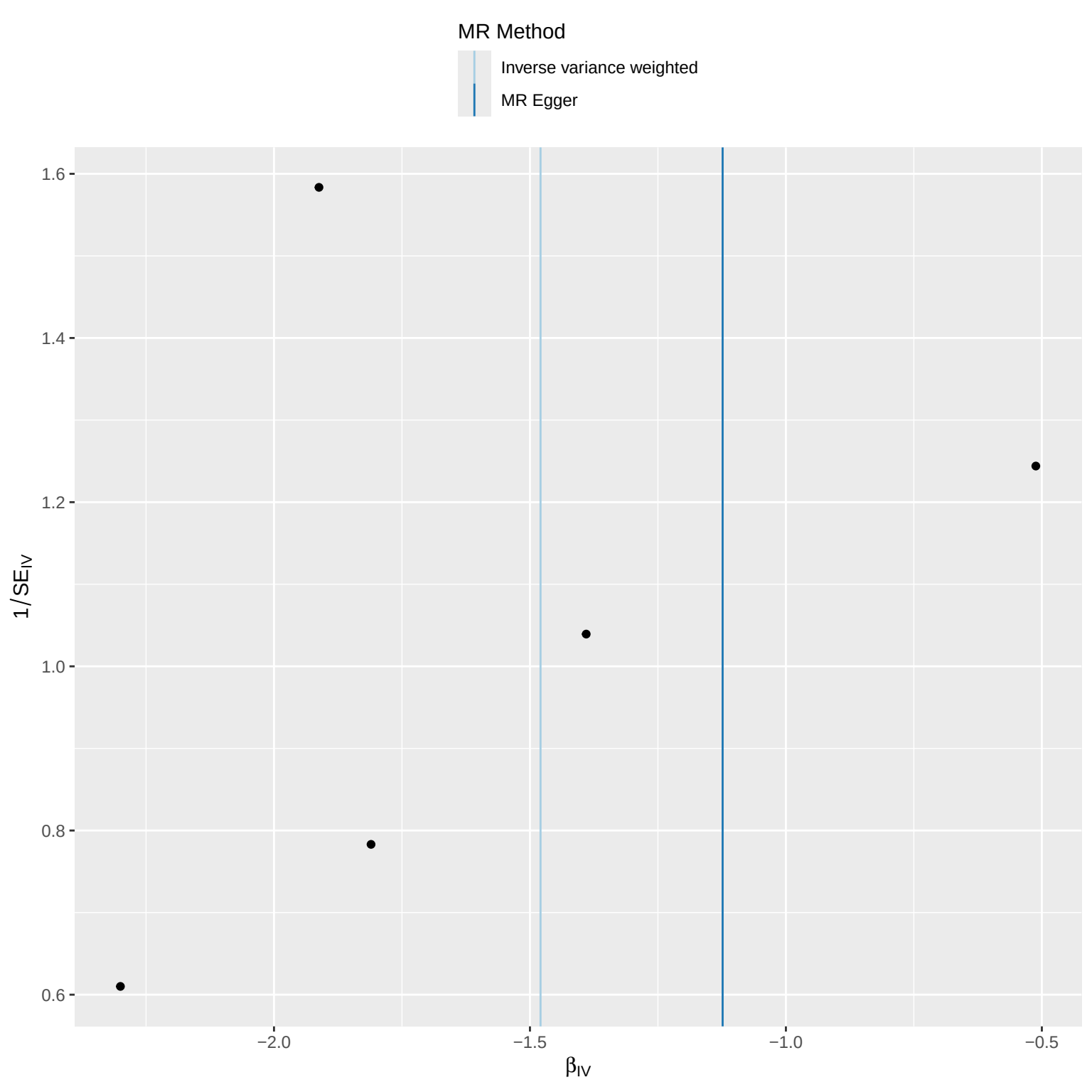

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2.5
0.0
2.5
β_IV

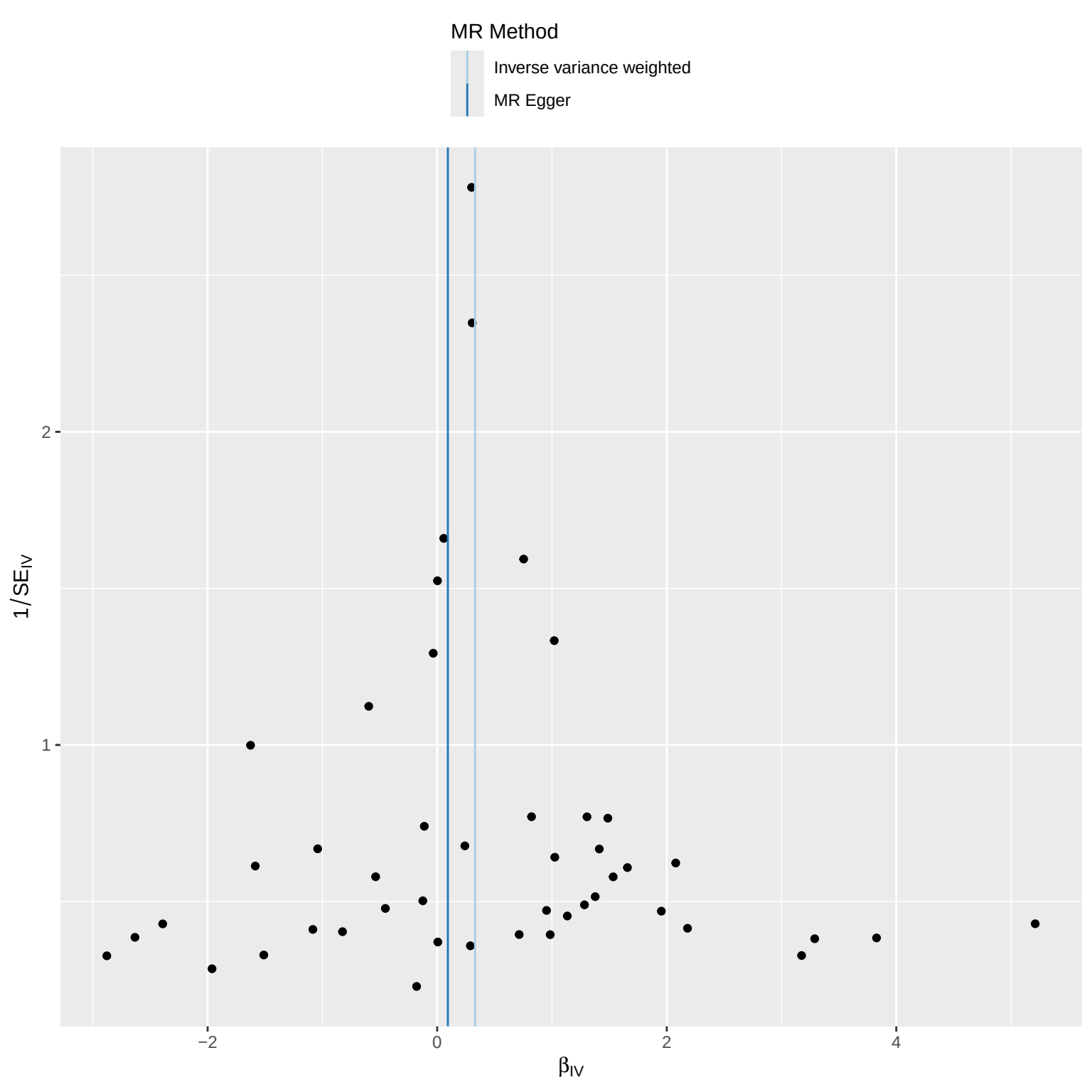

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

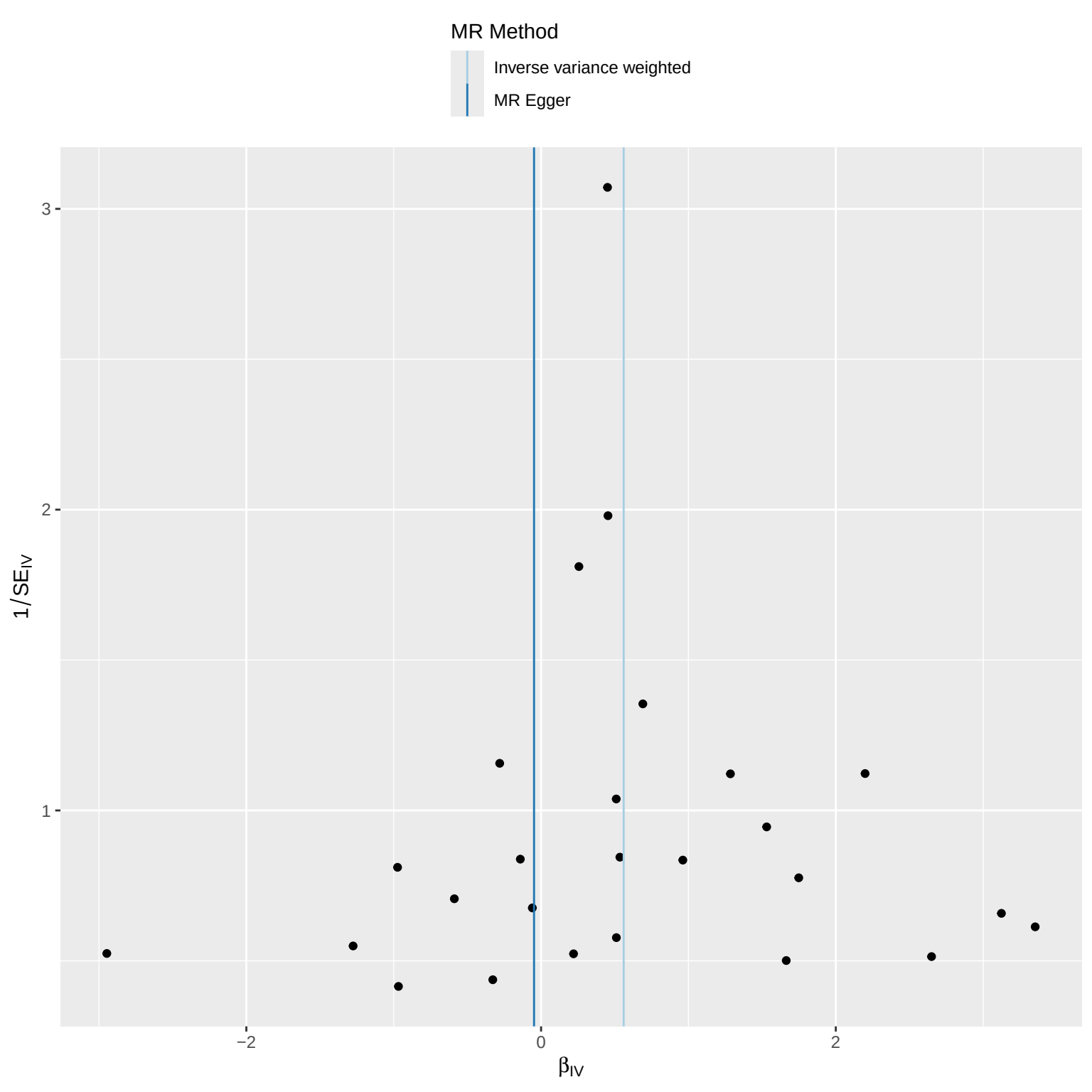

MR Method
Inverse variance weighted
MR Egger
2
1
0
1/SE_IV
−6
−4
−2
0
2
4
β_IV

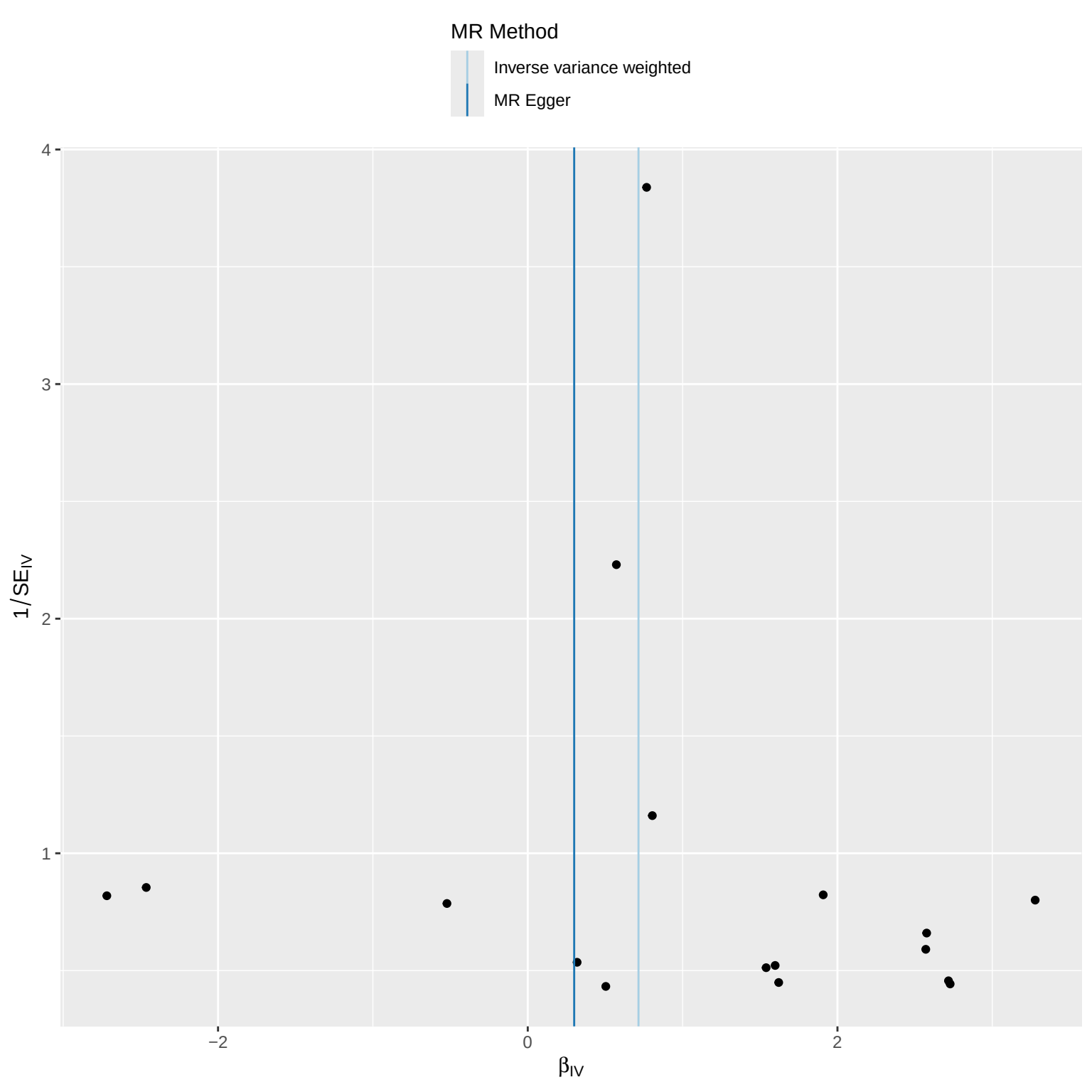

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

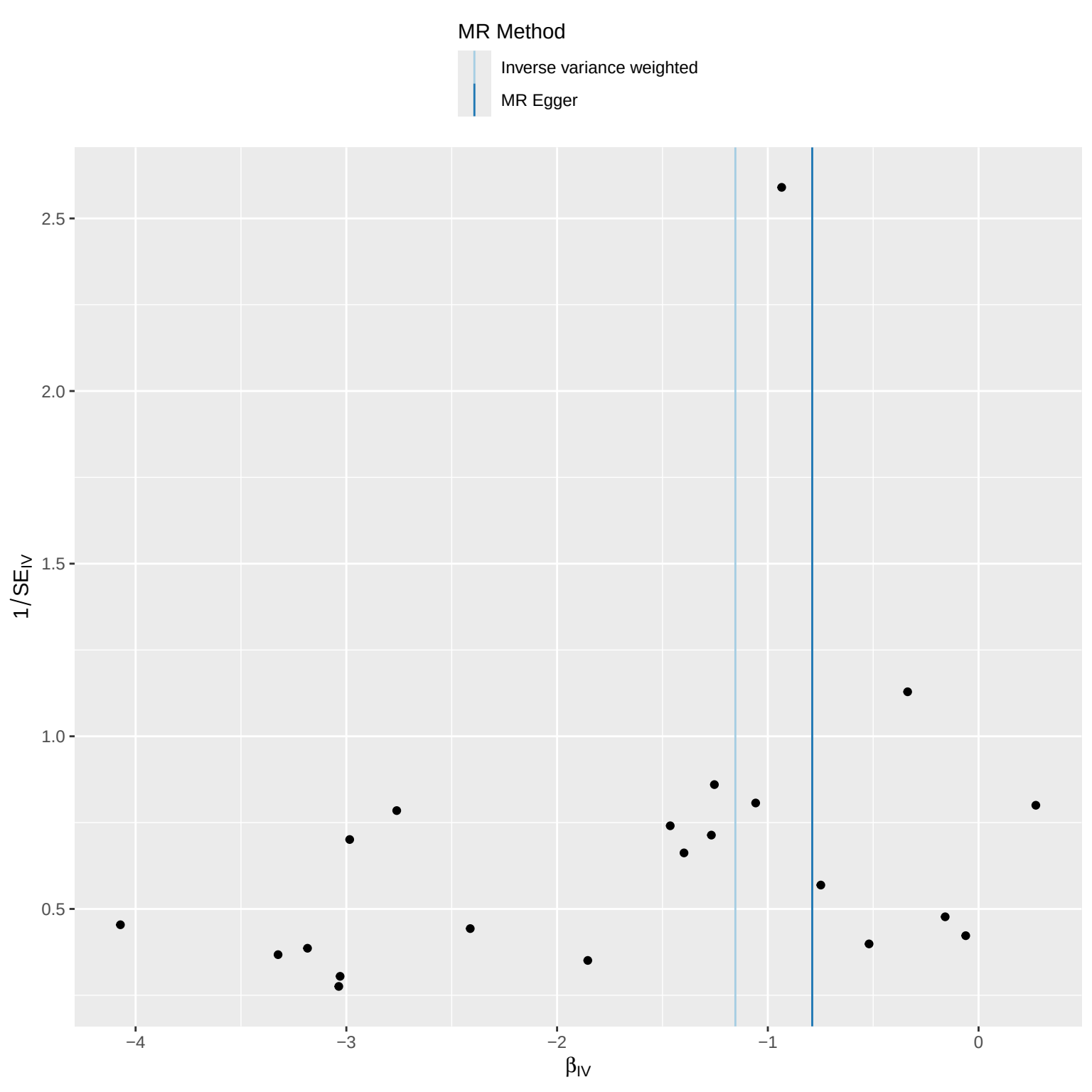

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
4
β_{IV}

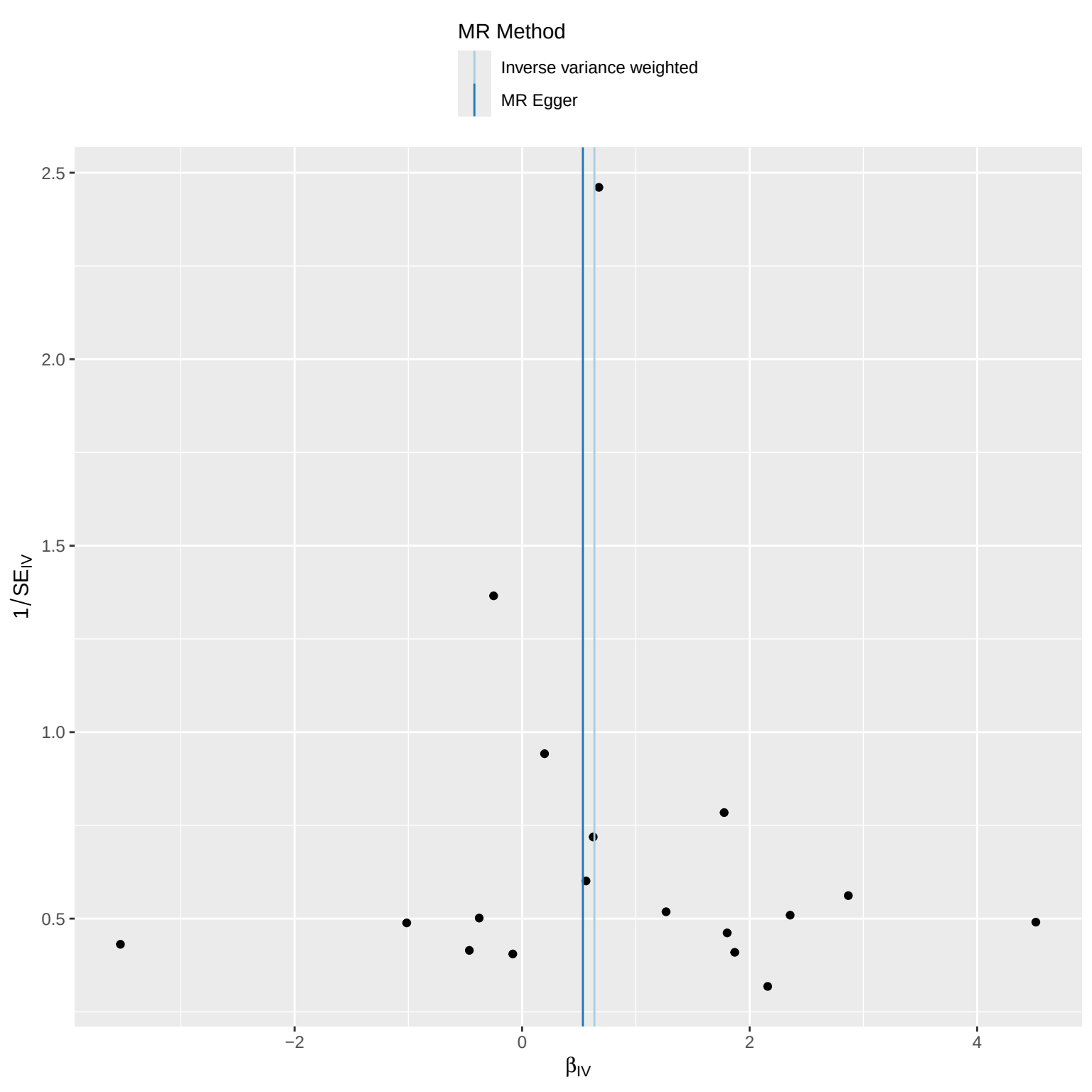

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

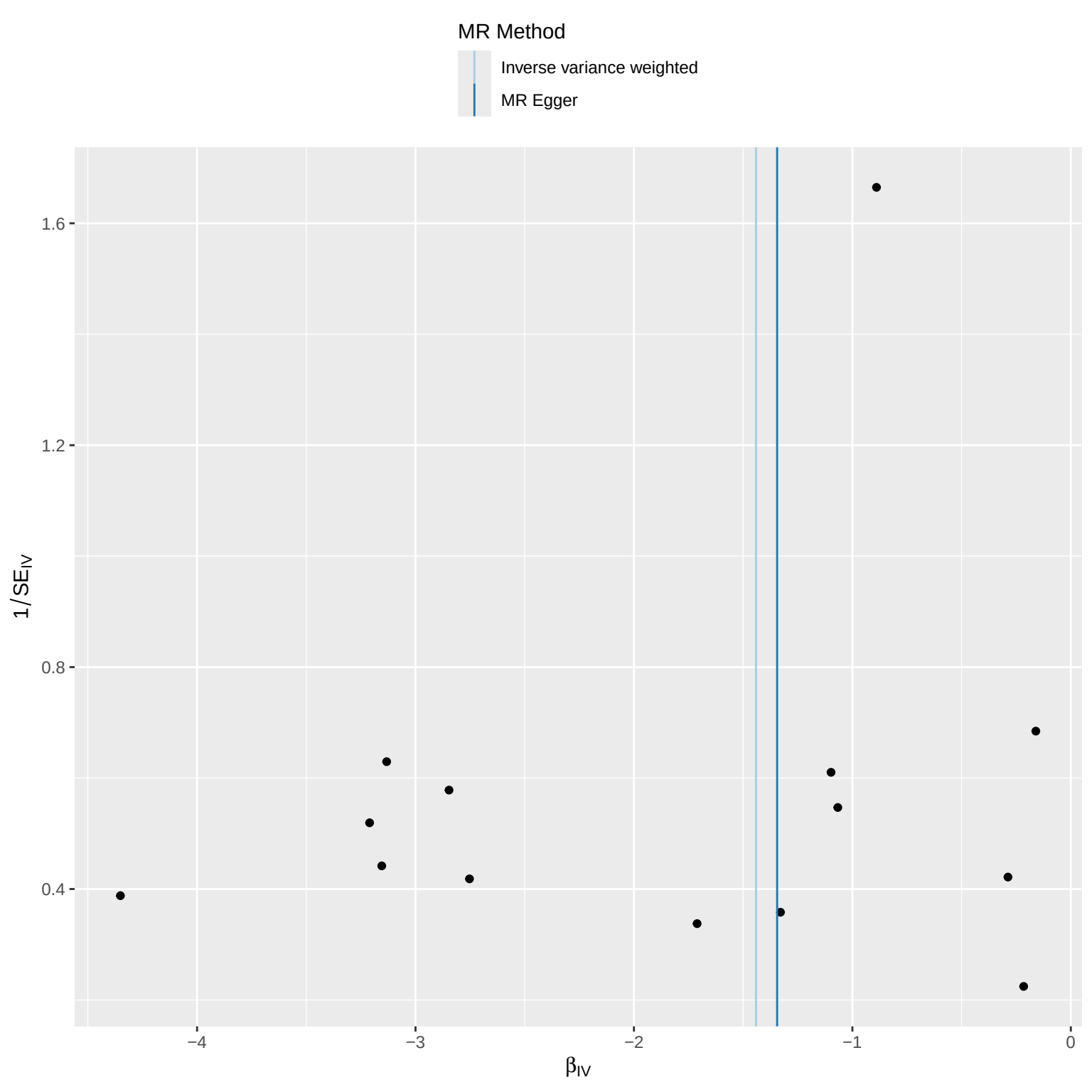

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

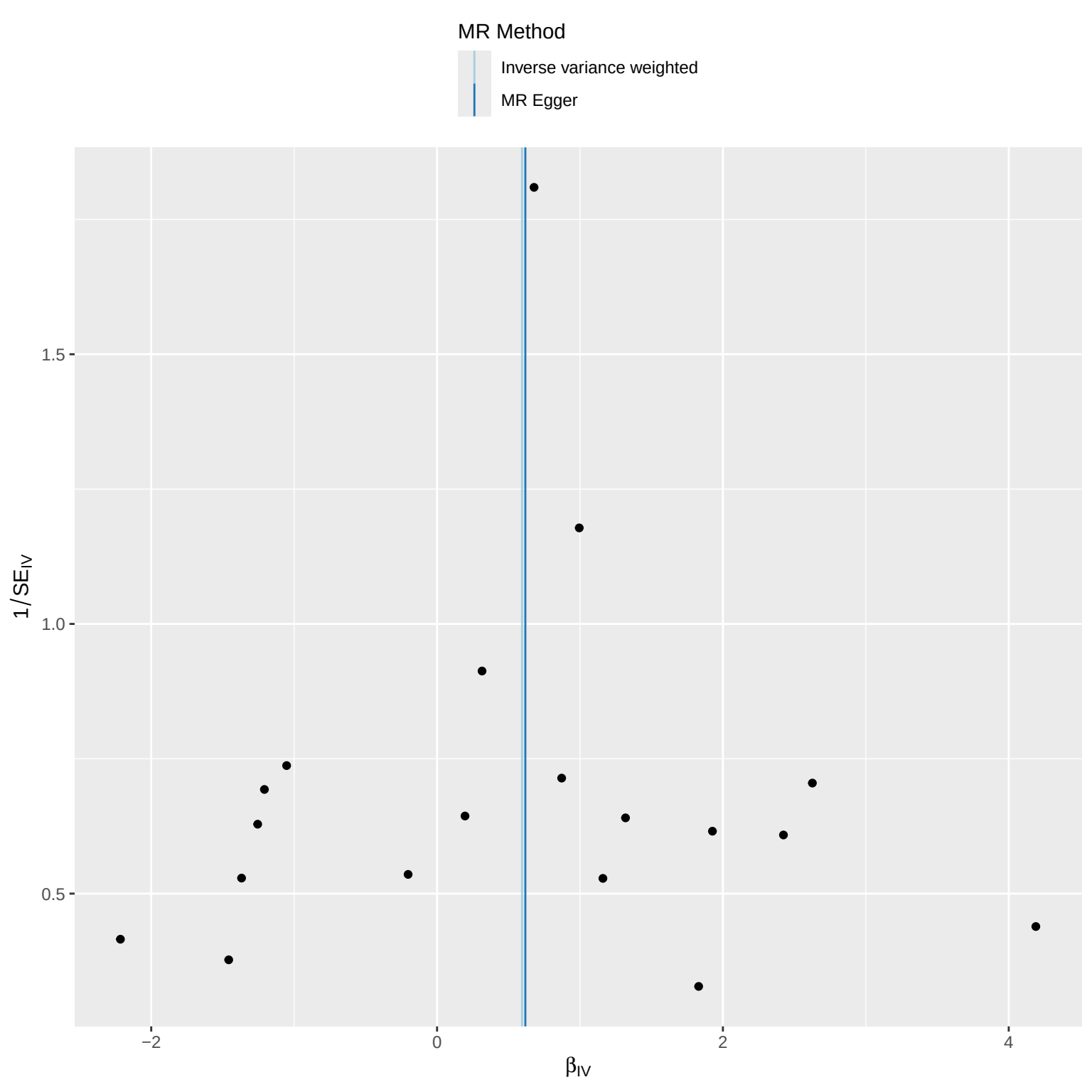

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

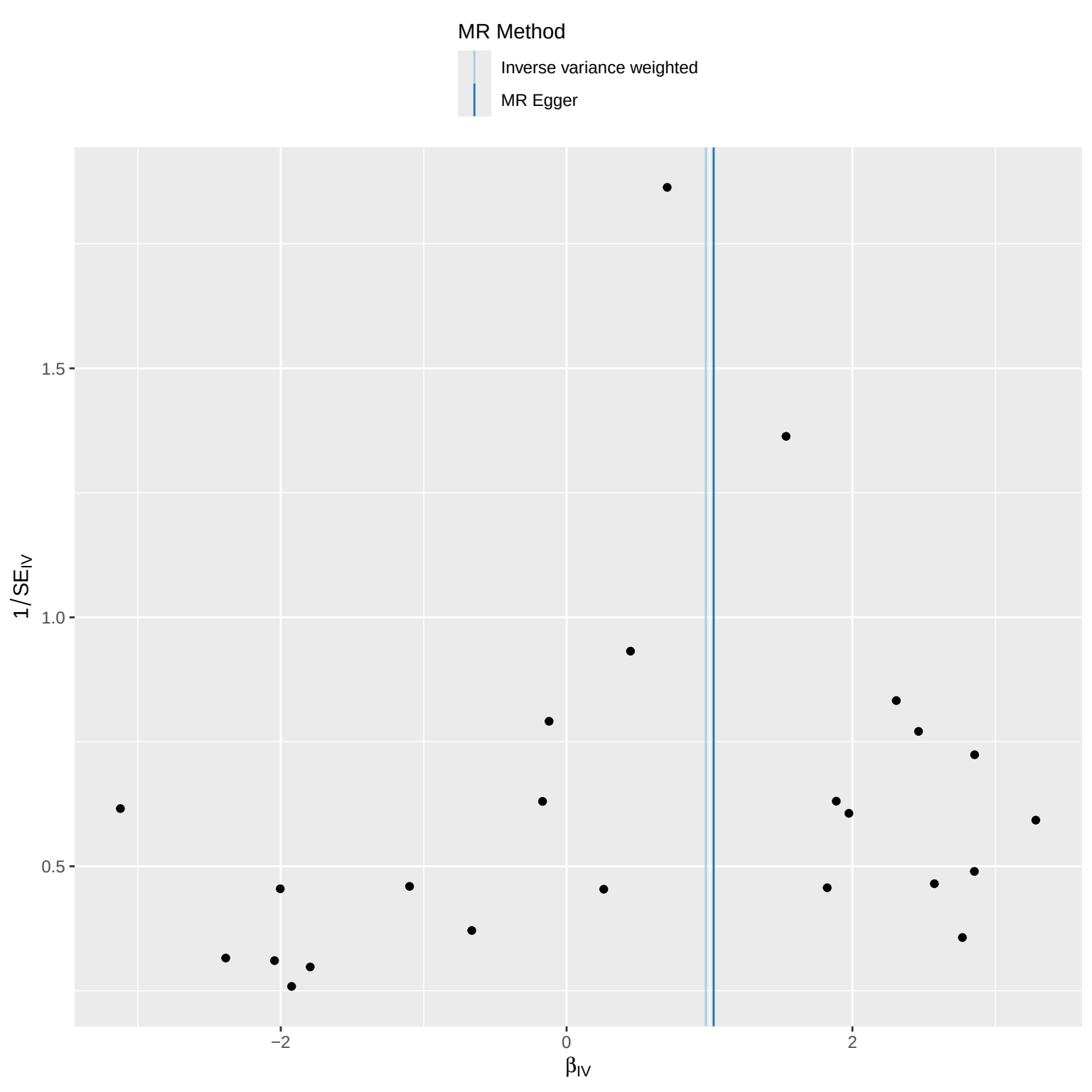

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

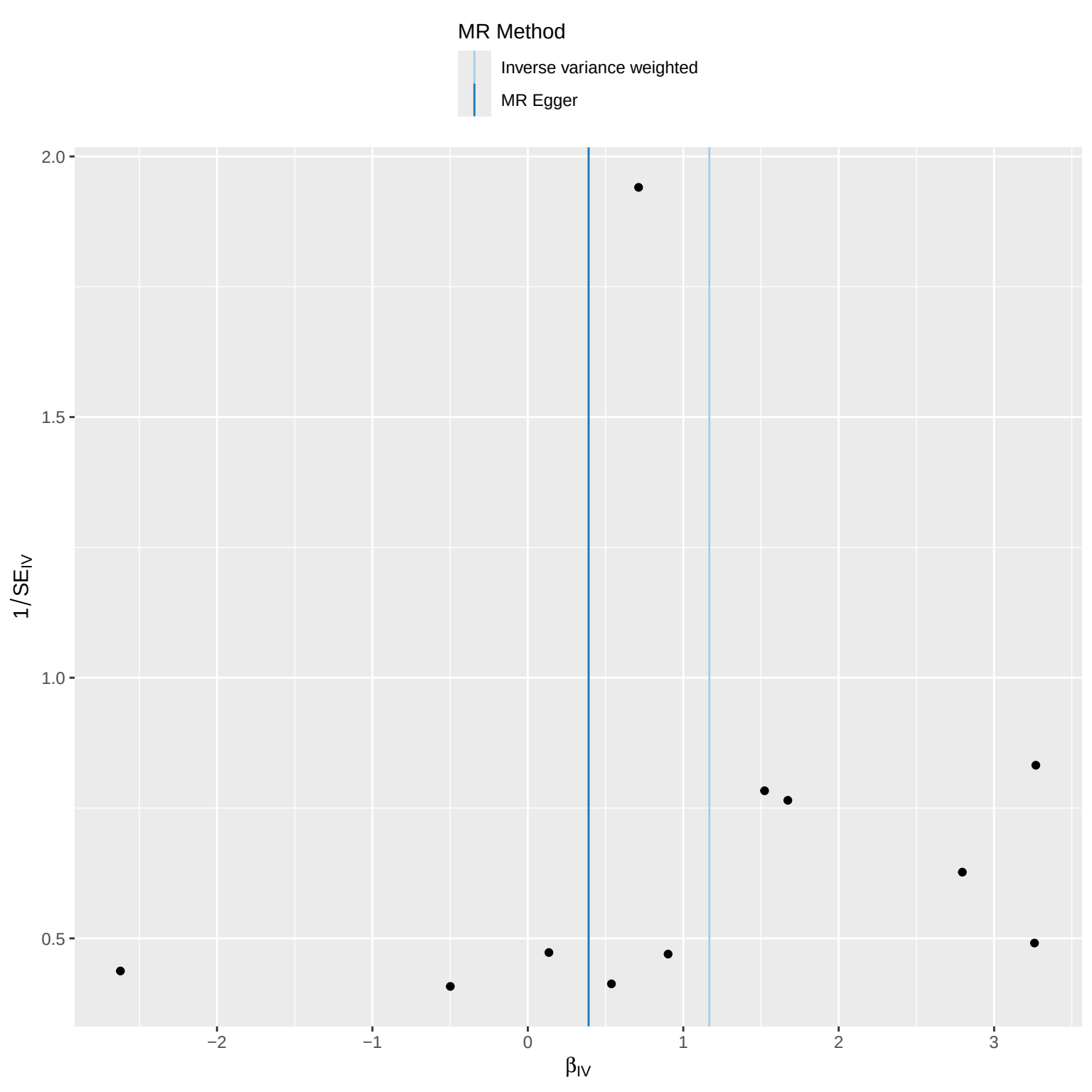

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

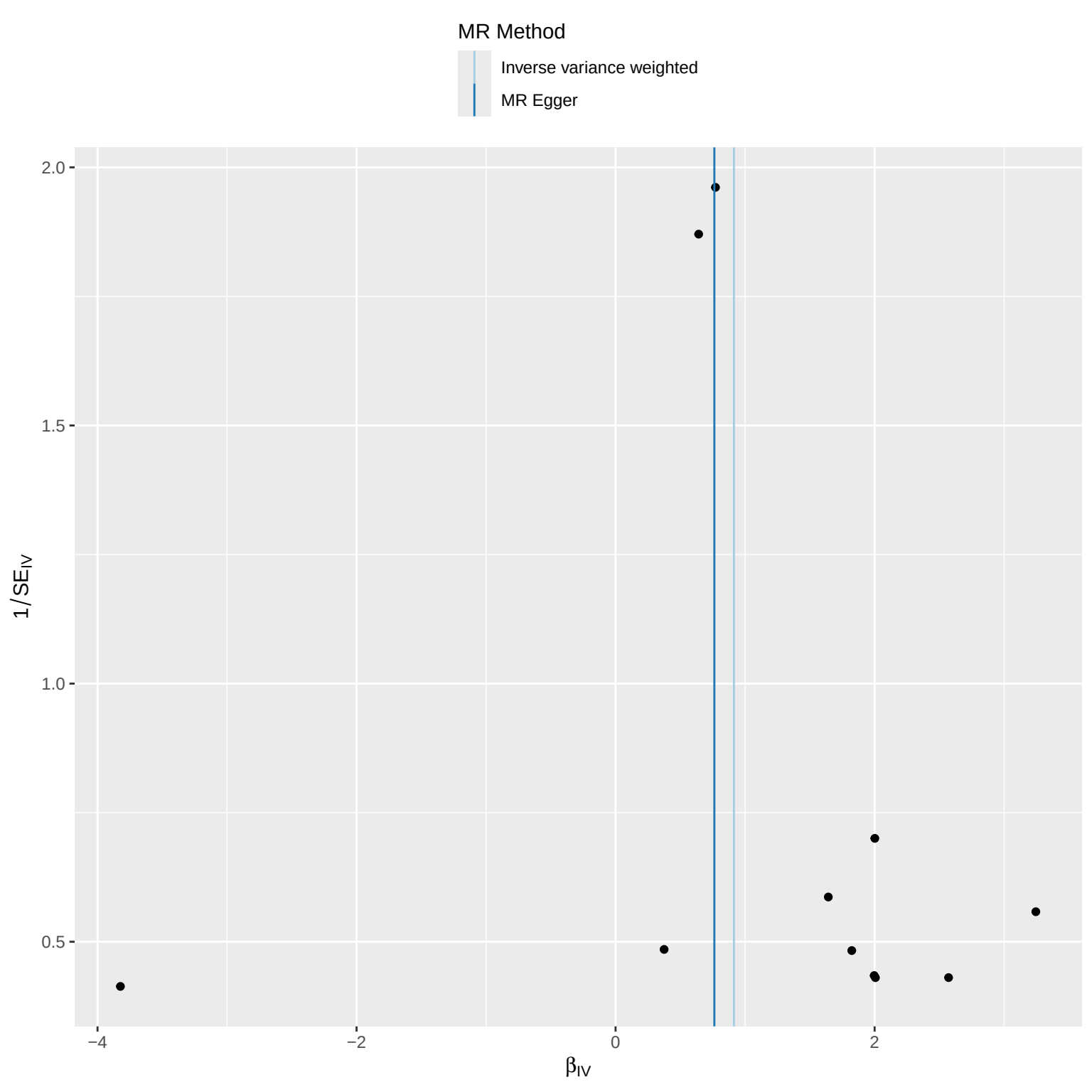

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

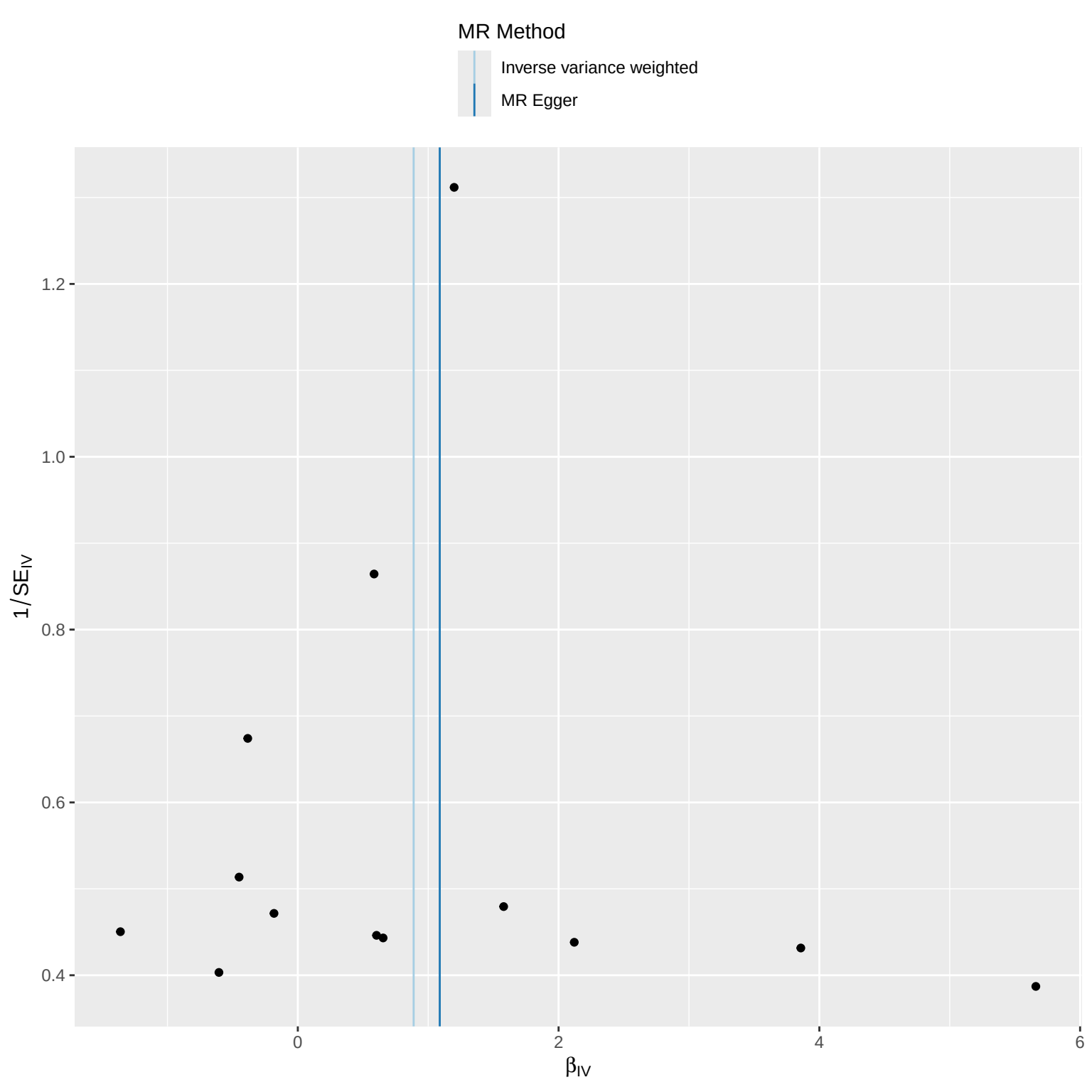

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

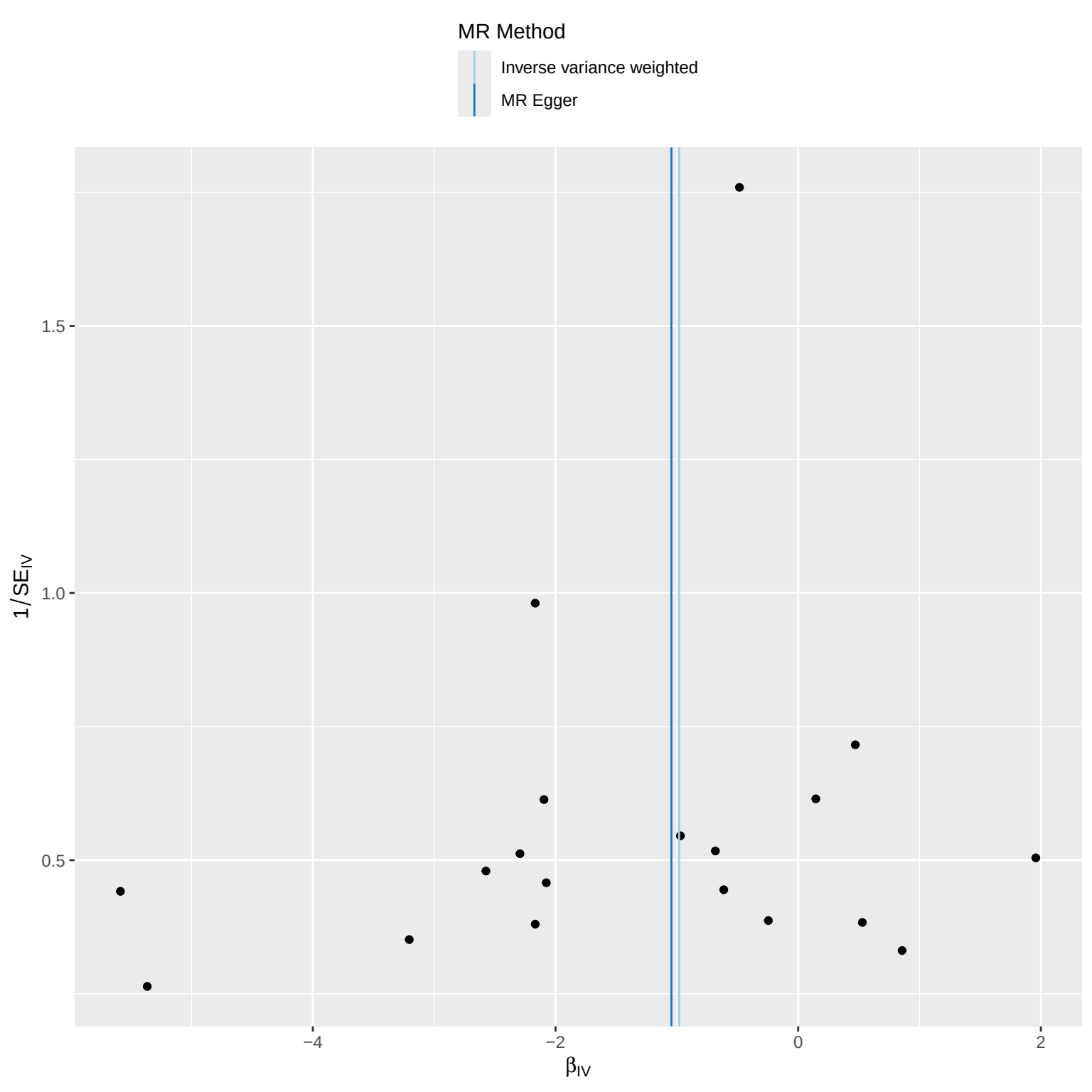

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

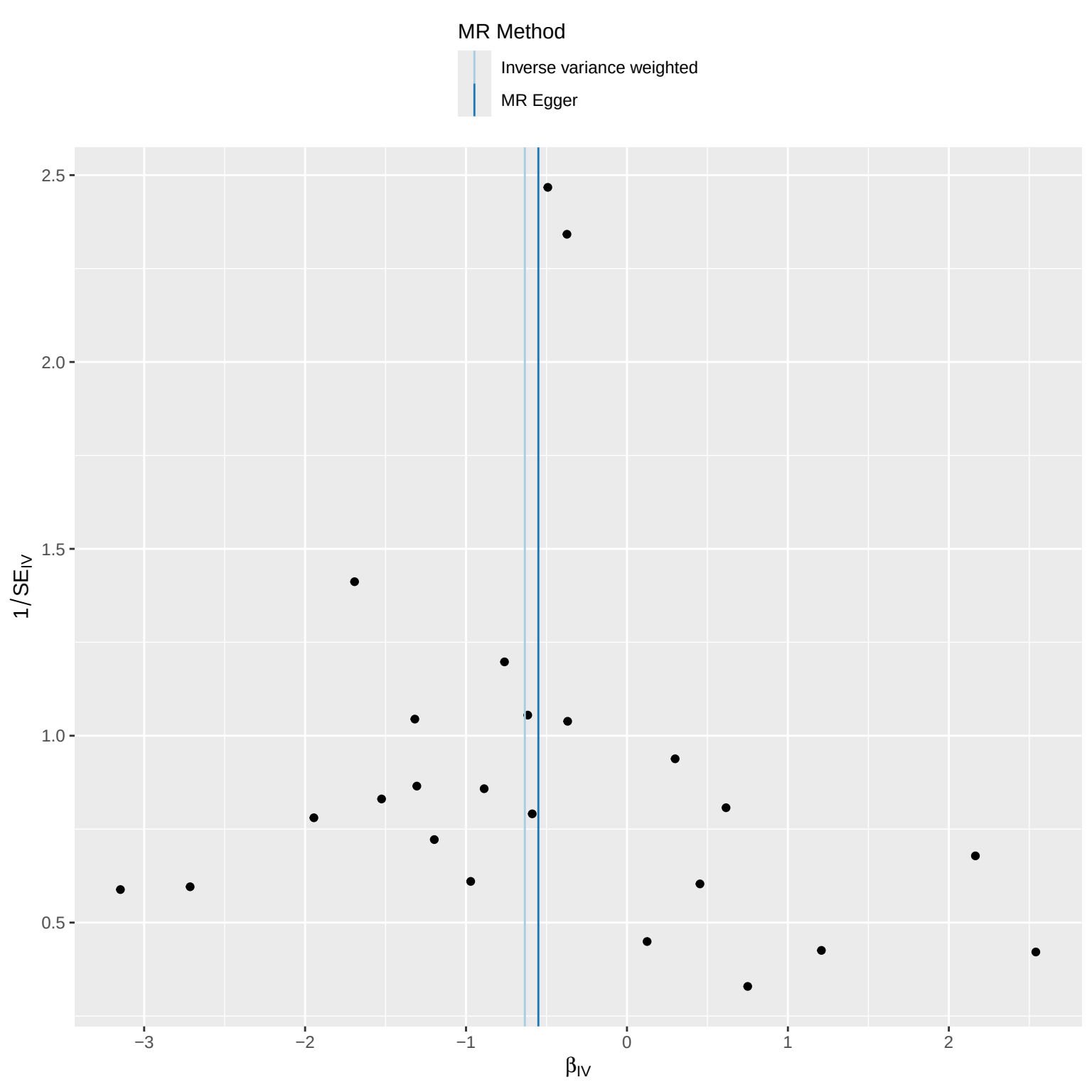

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

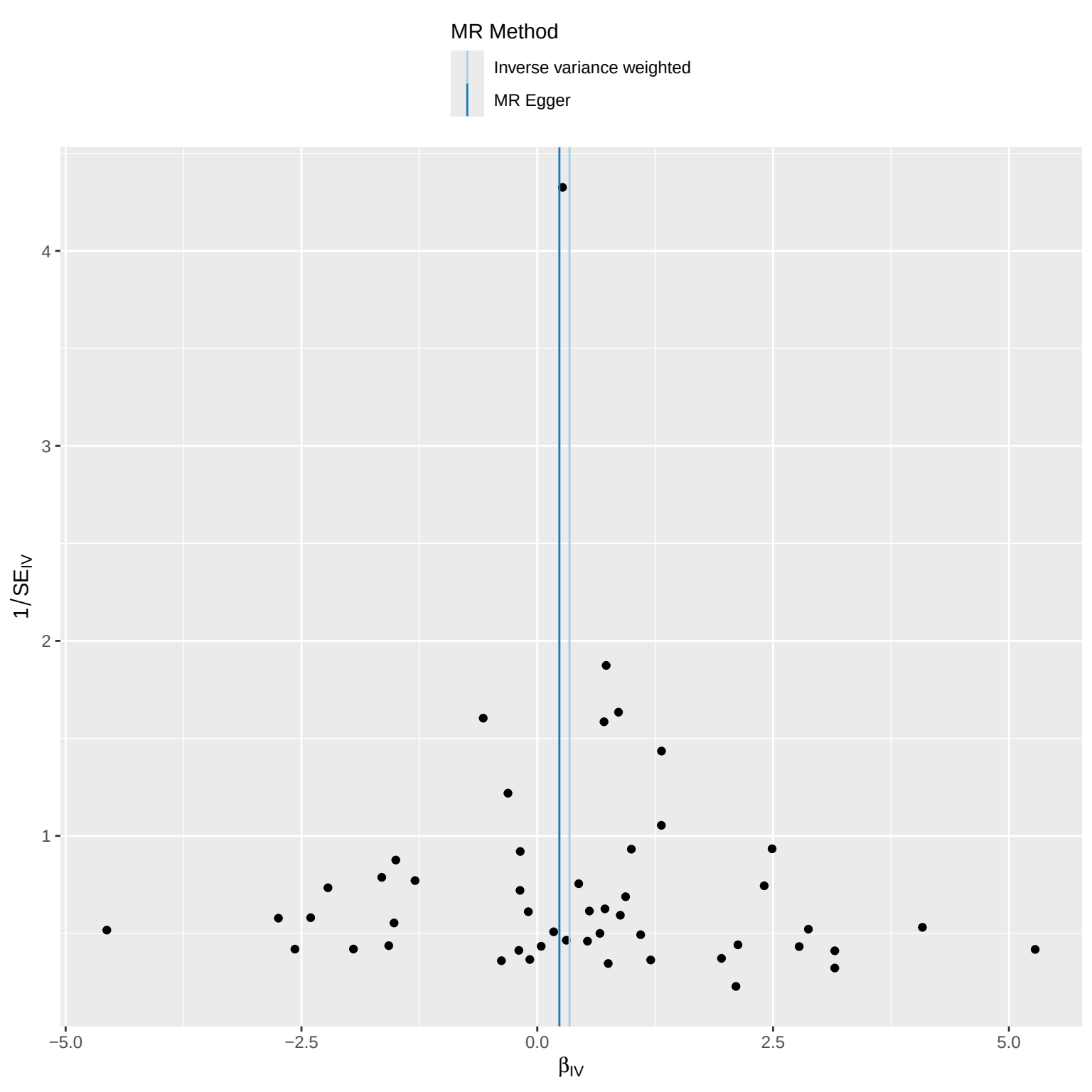

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

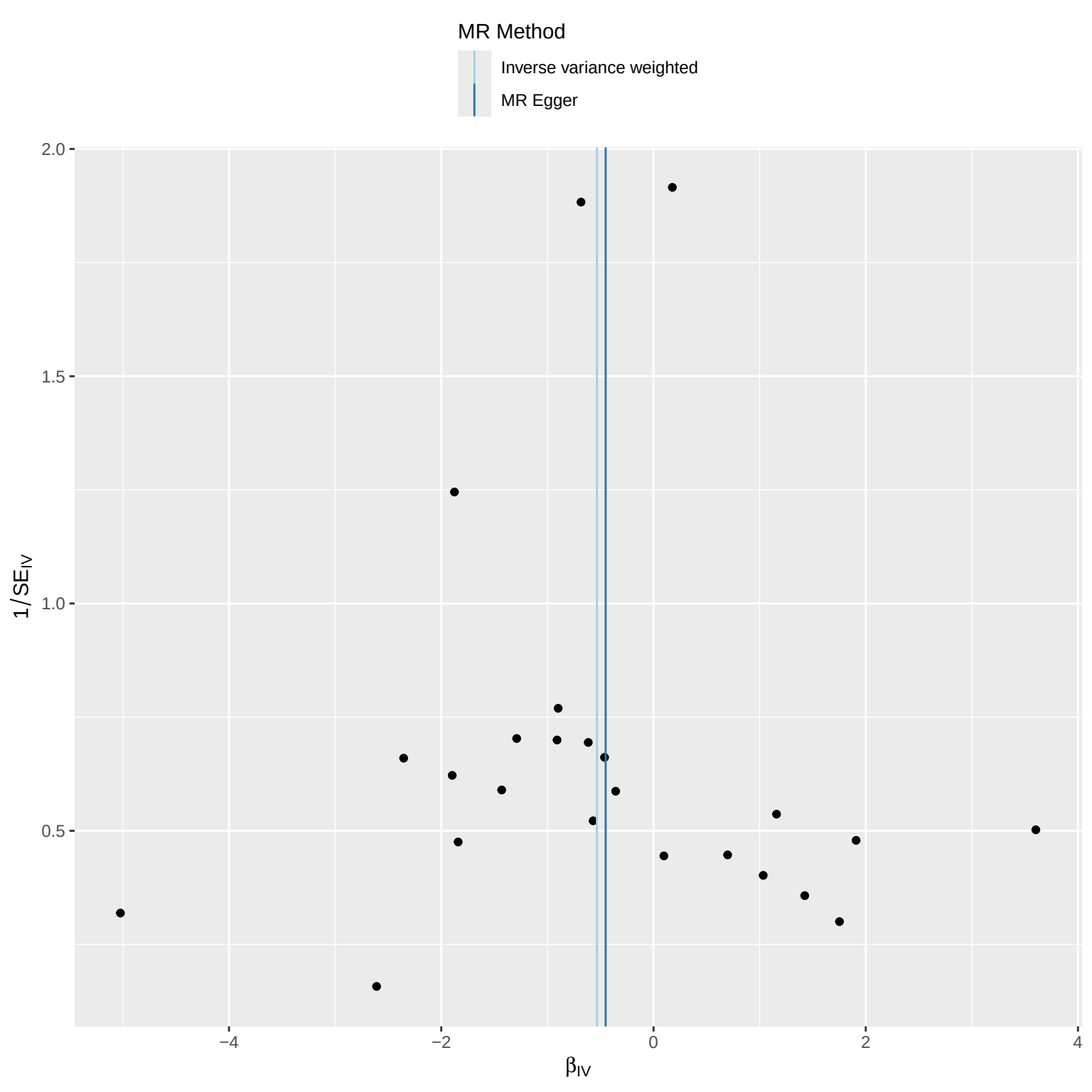

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

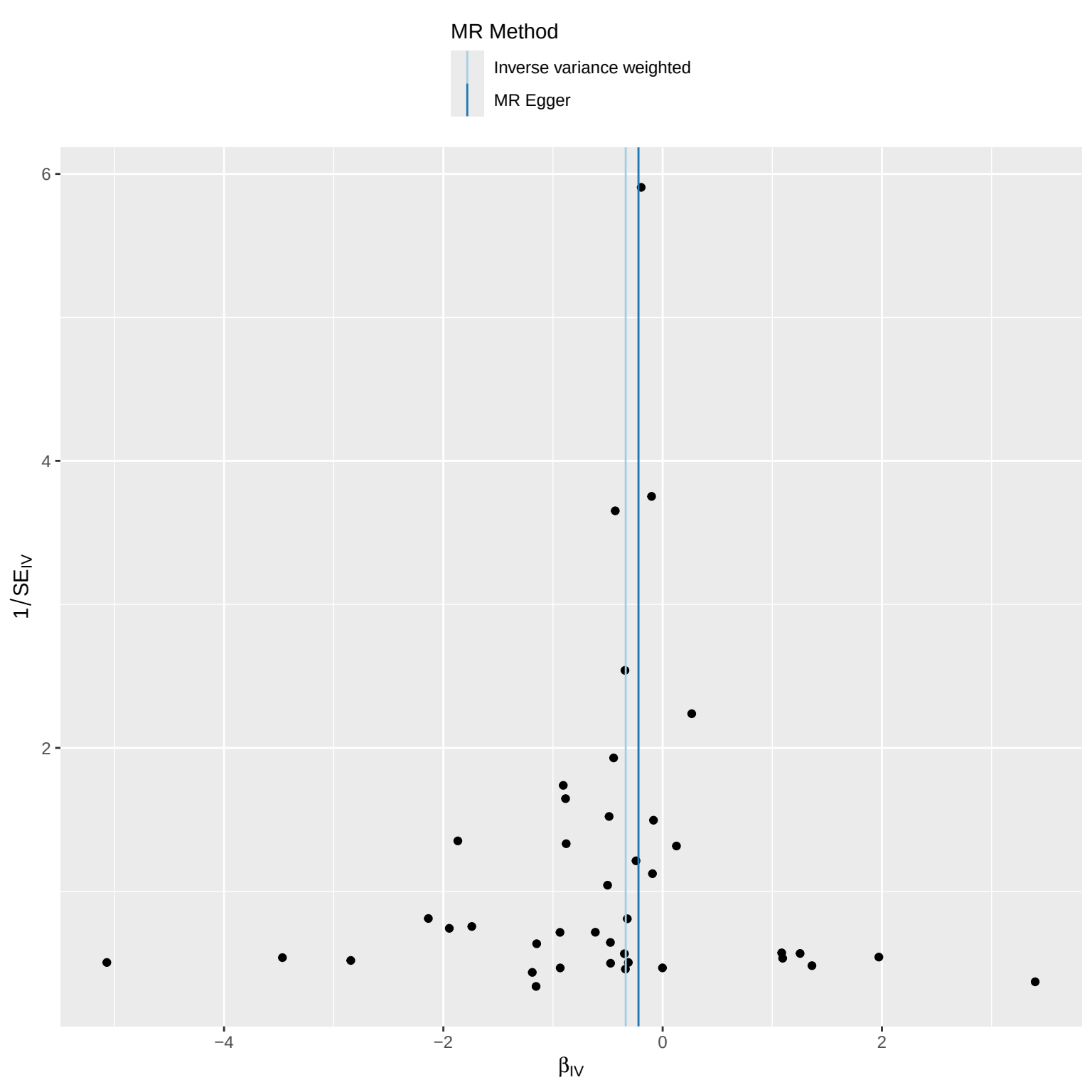

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
2
4
6
β_IV

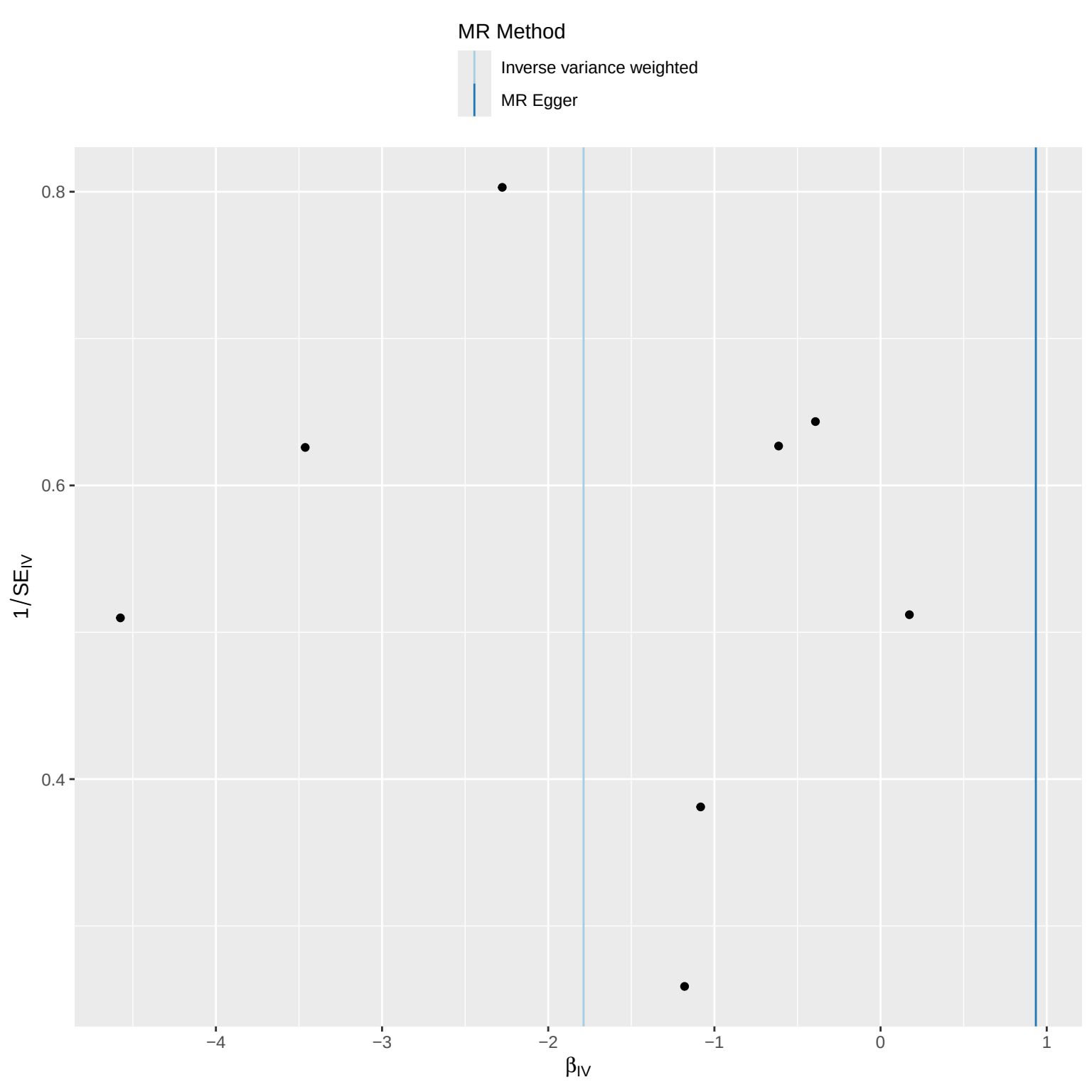

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

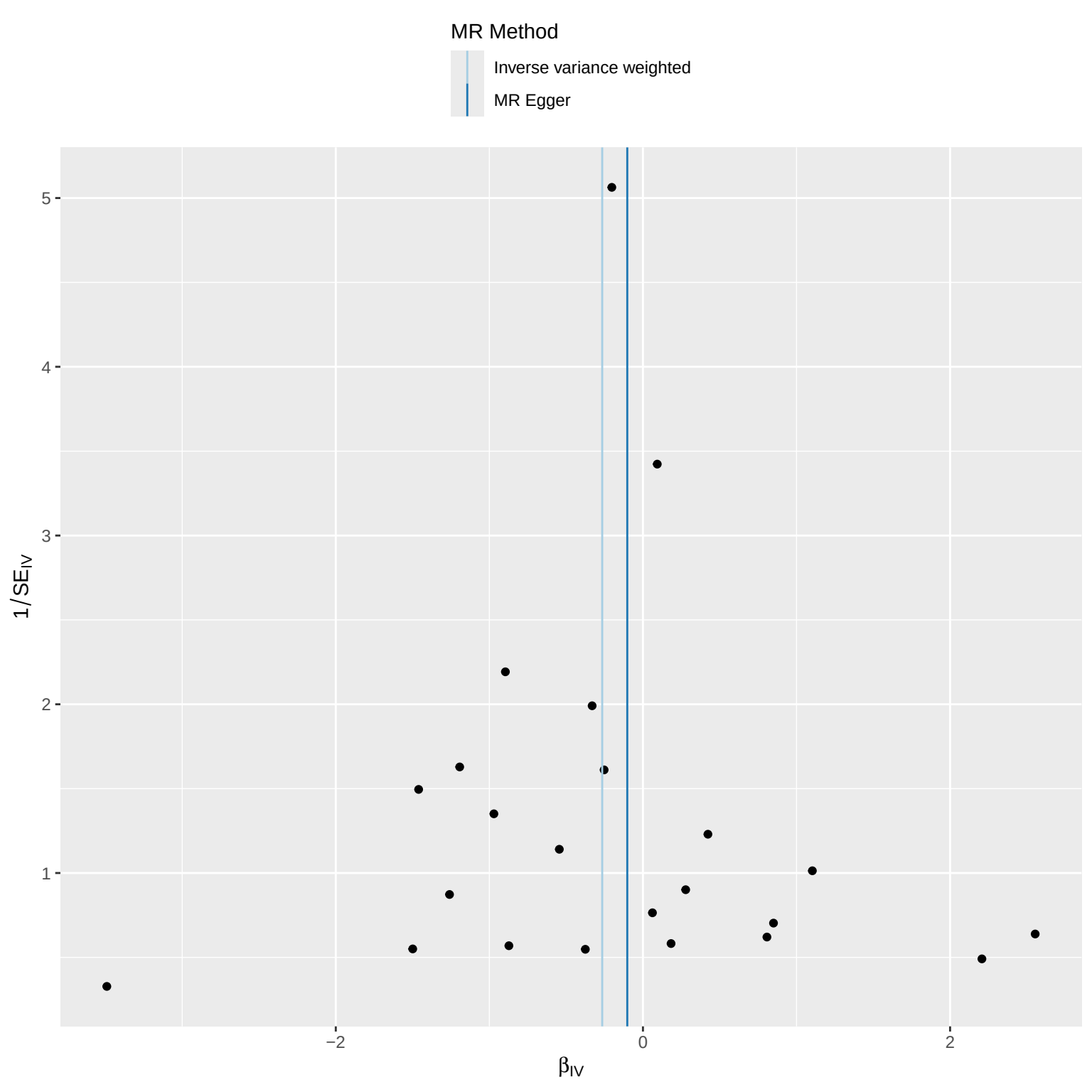

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

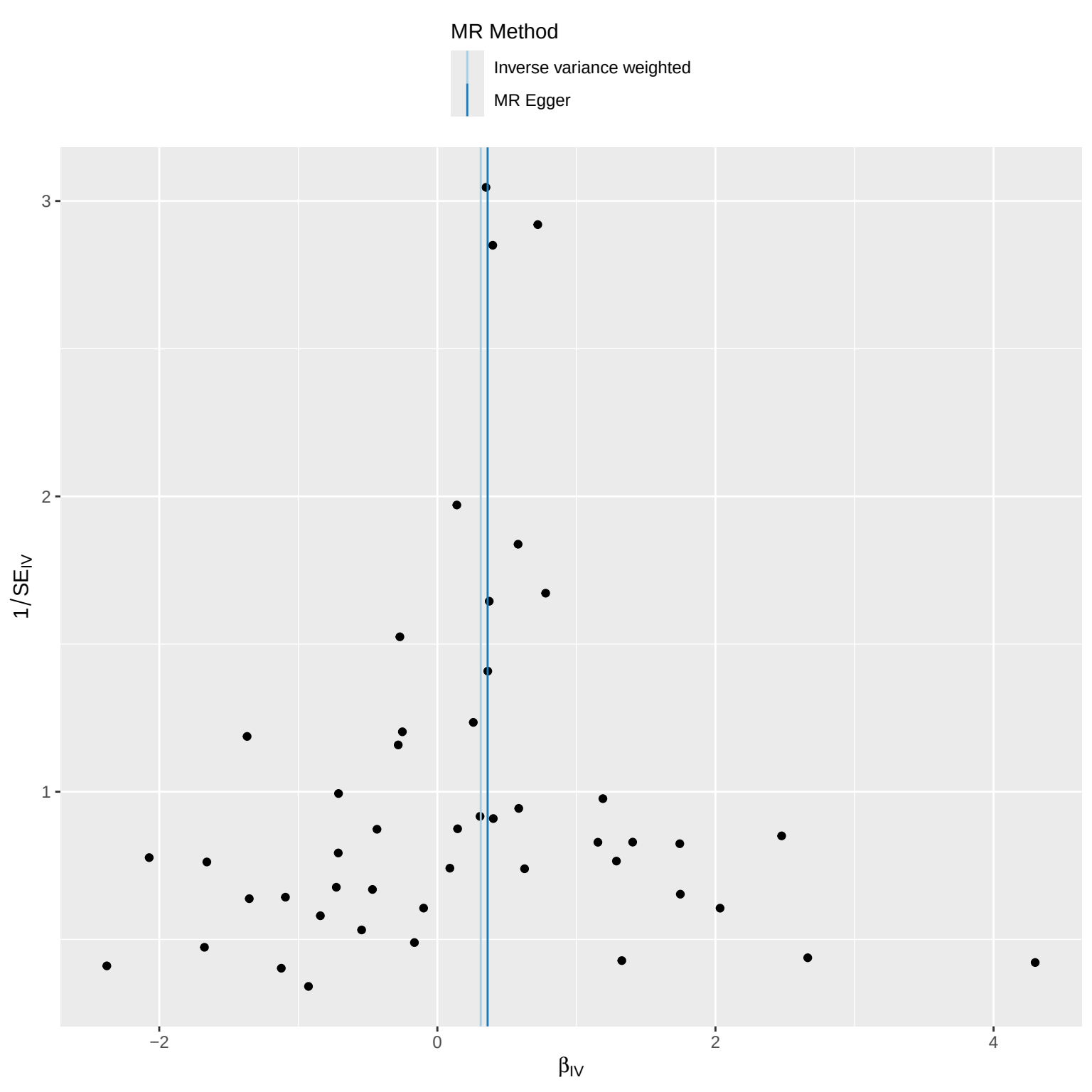

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

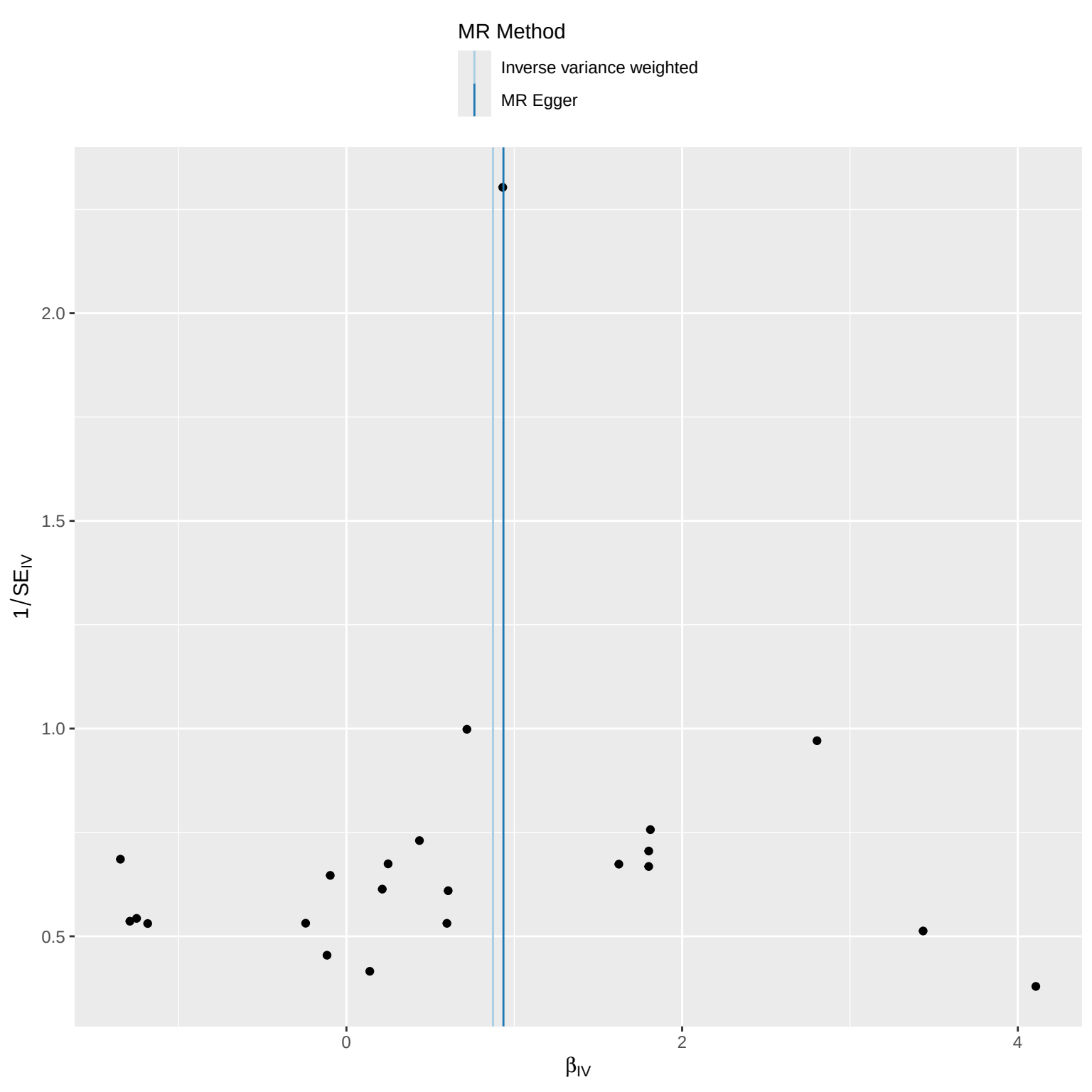

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

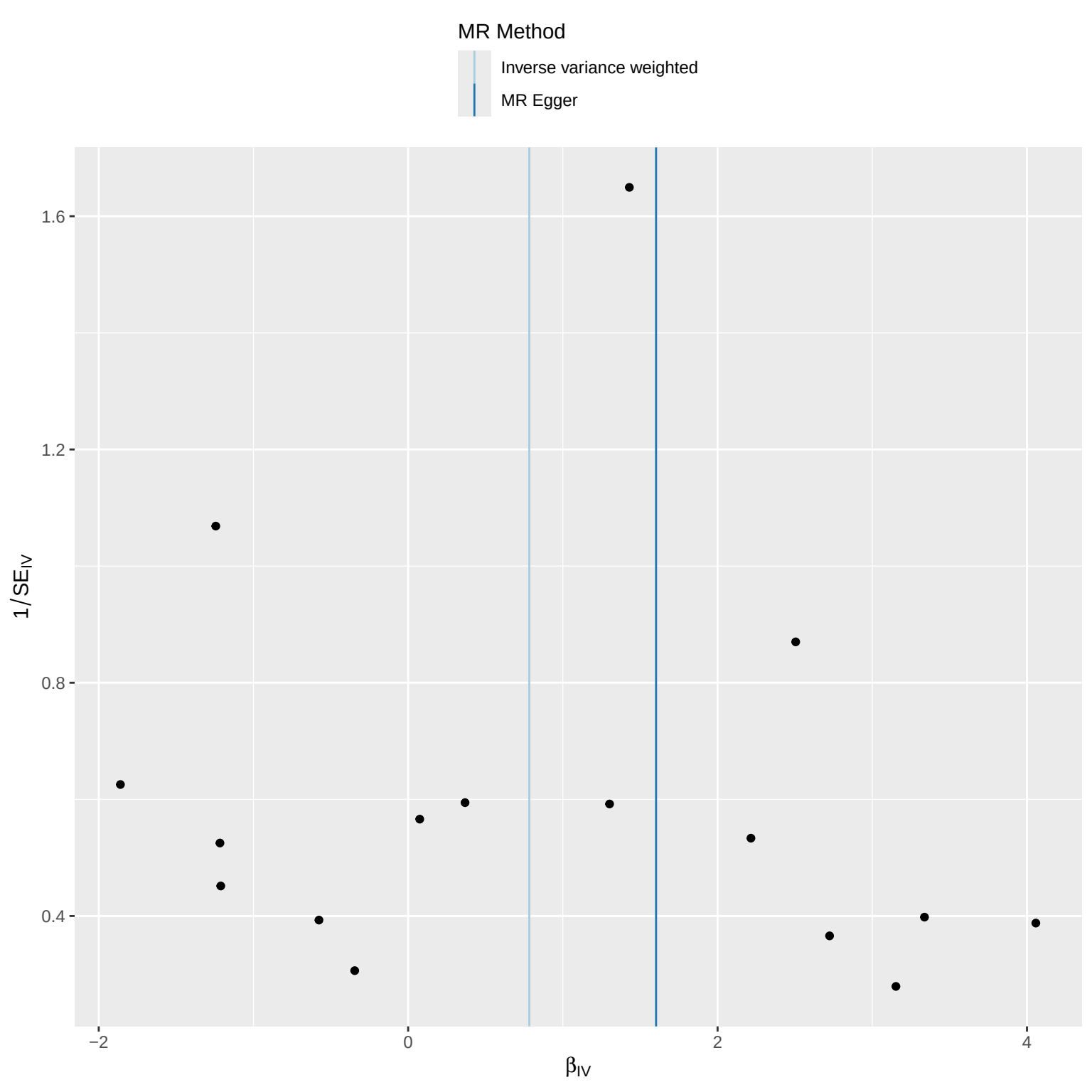

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

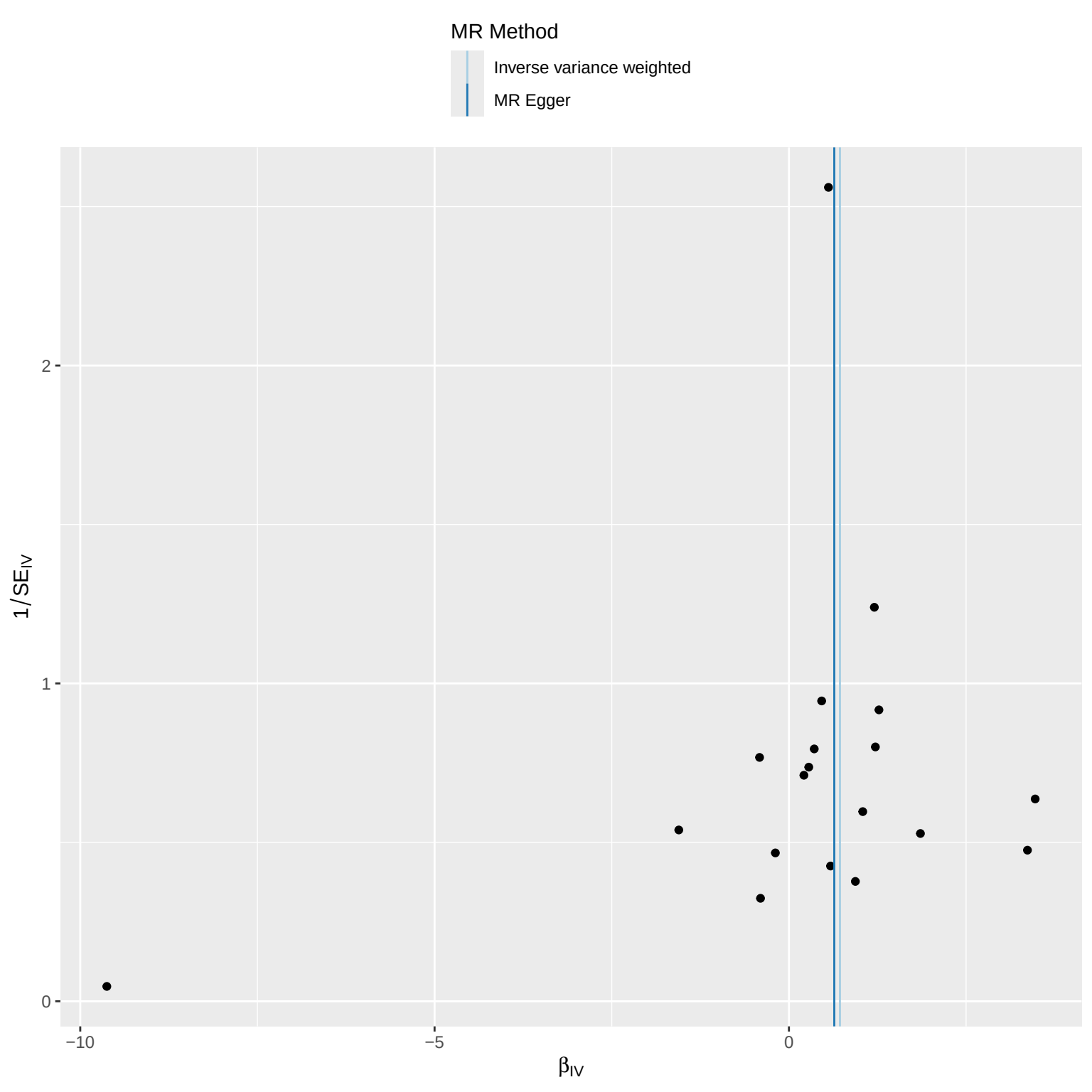

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

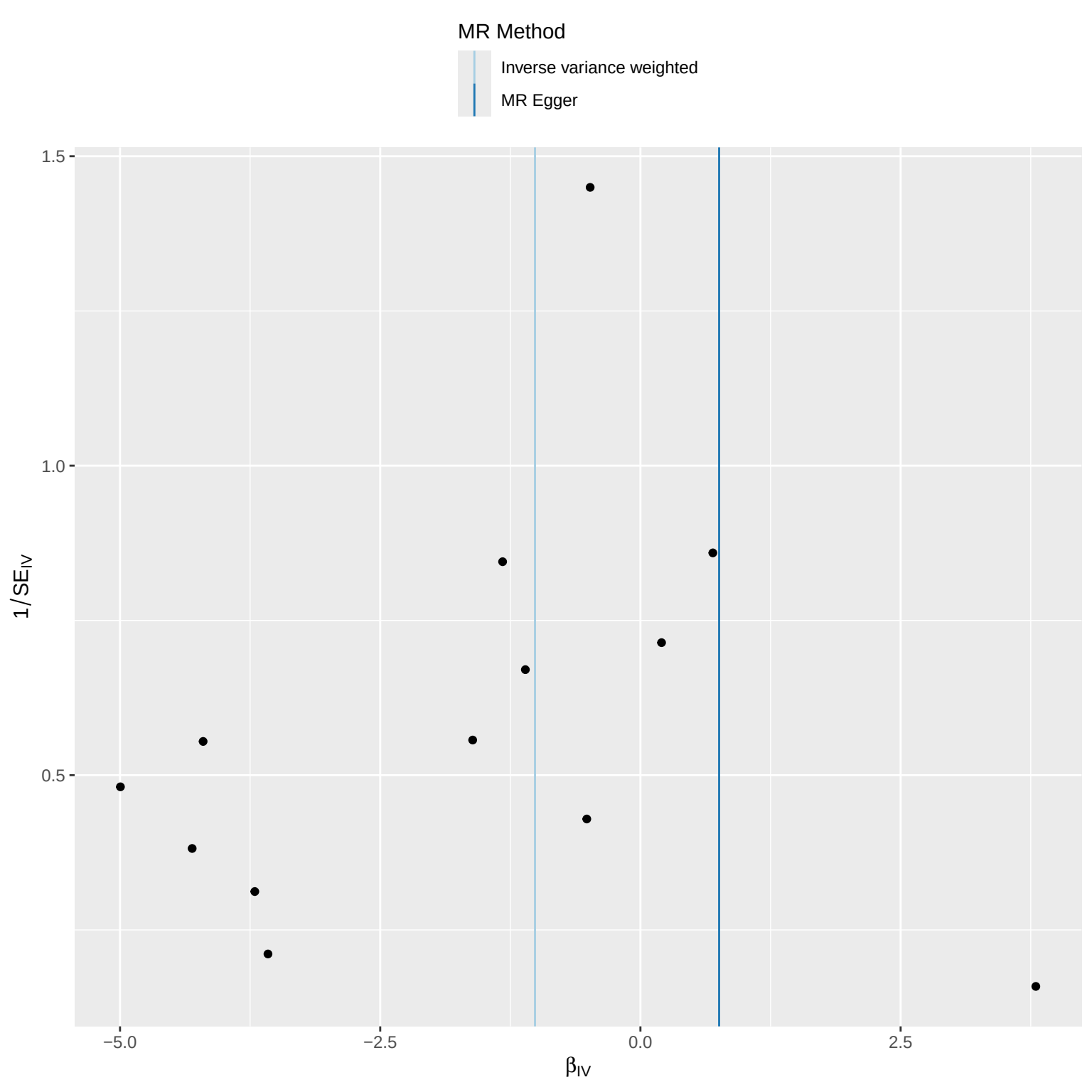

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

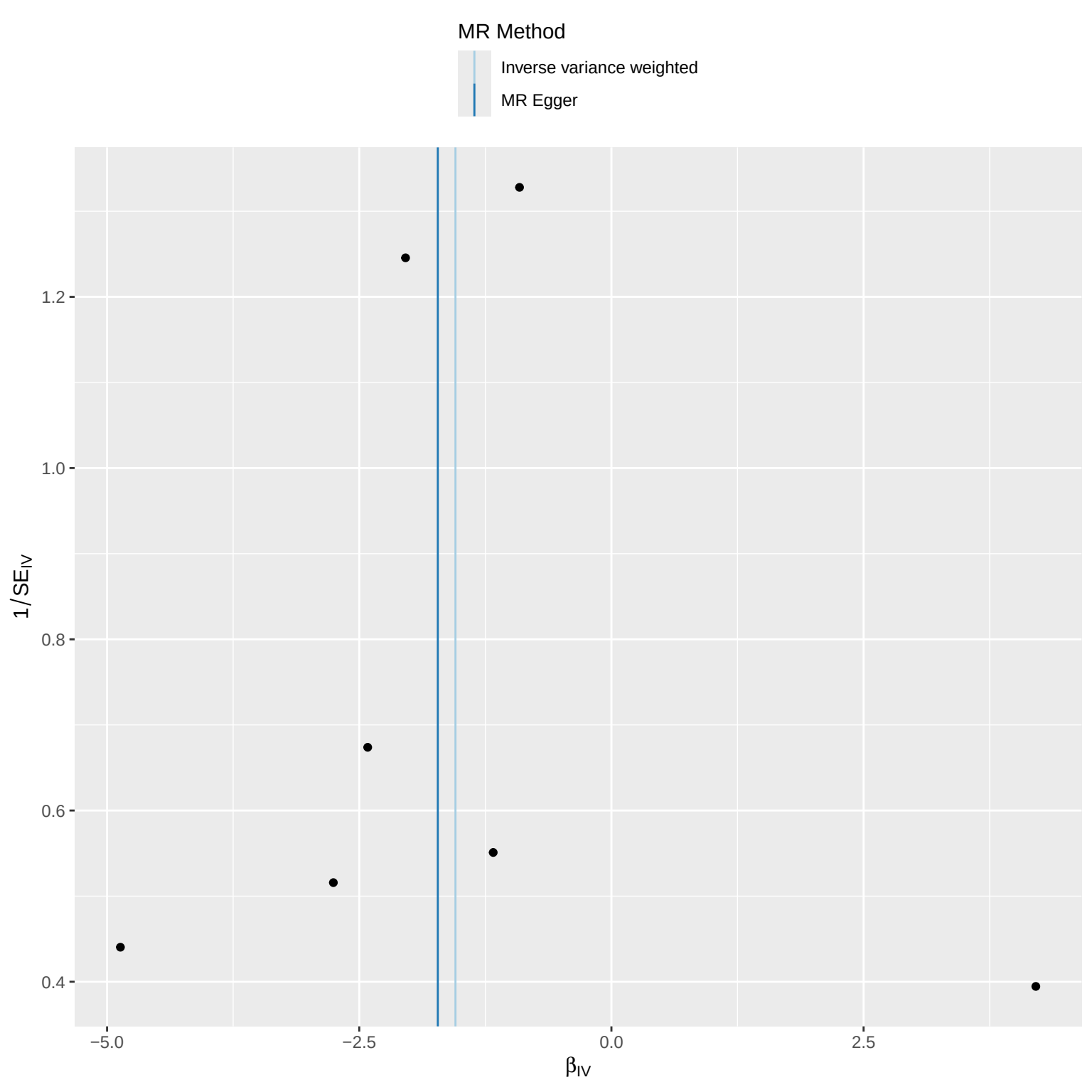

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

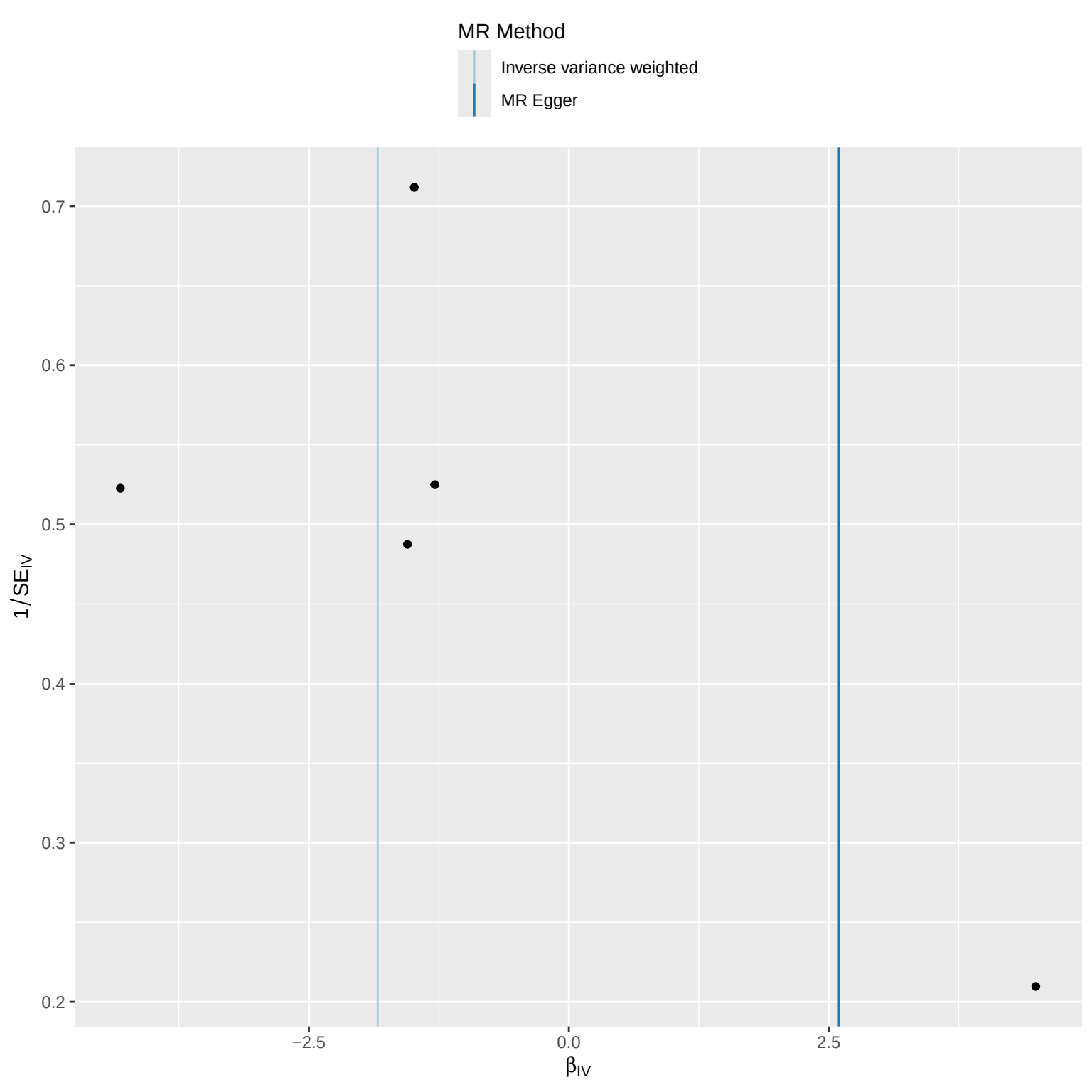

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

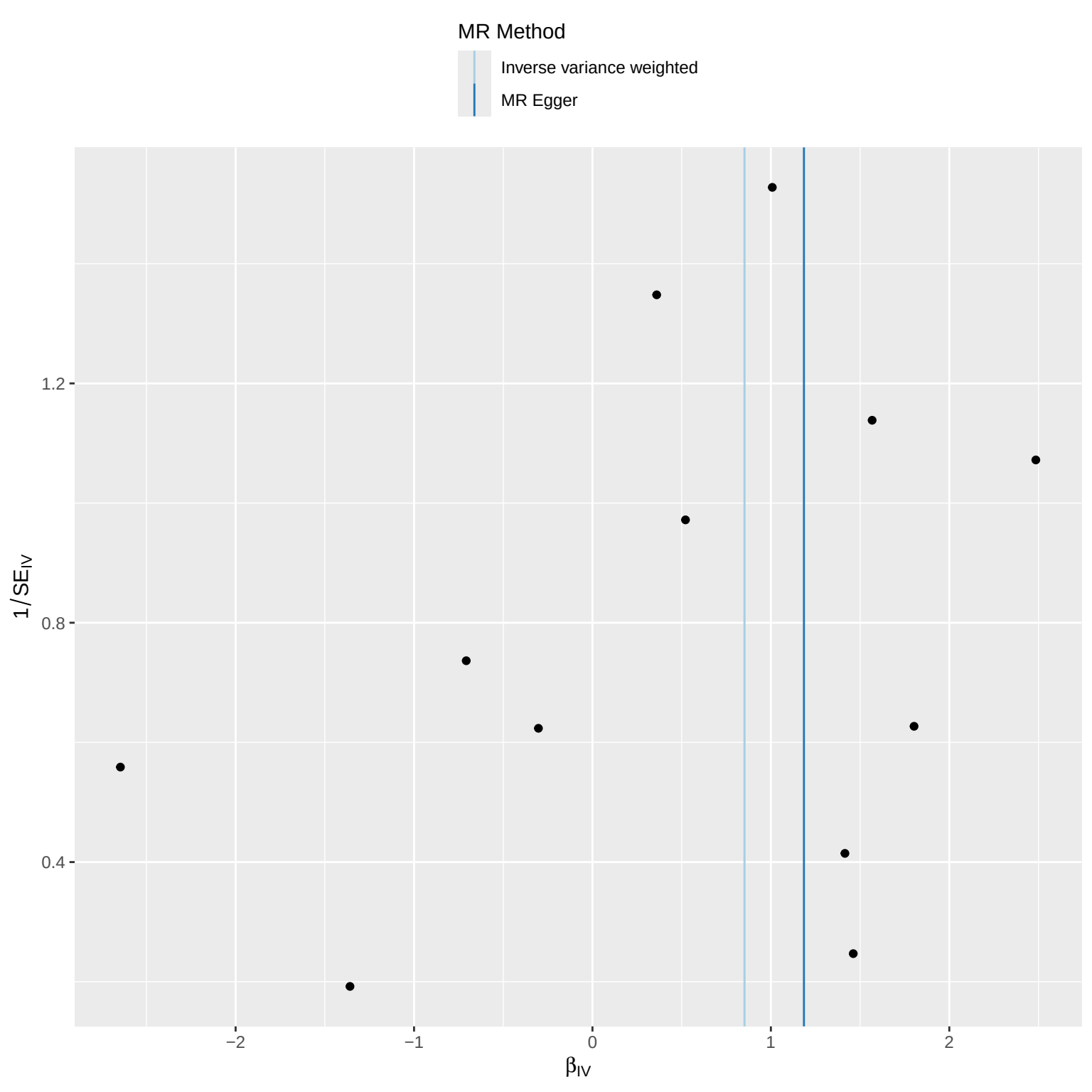

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

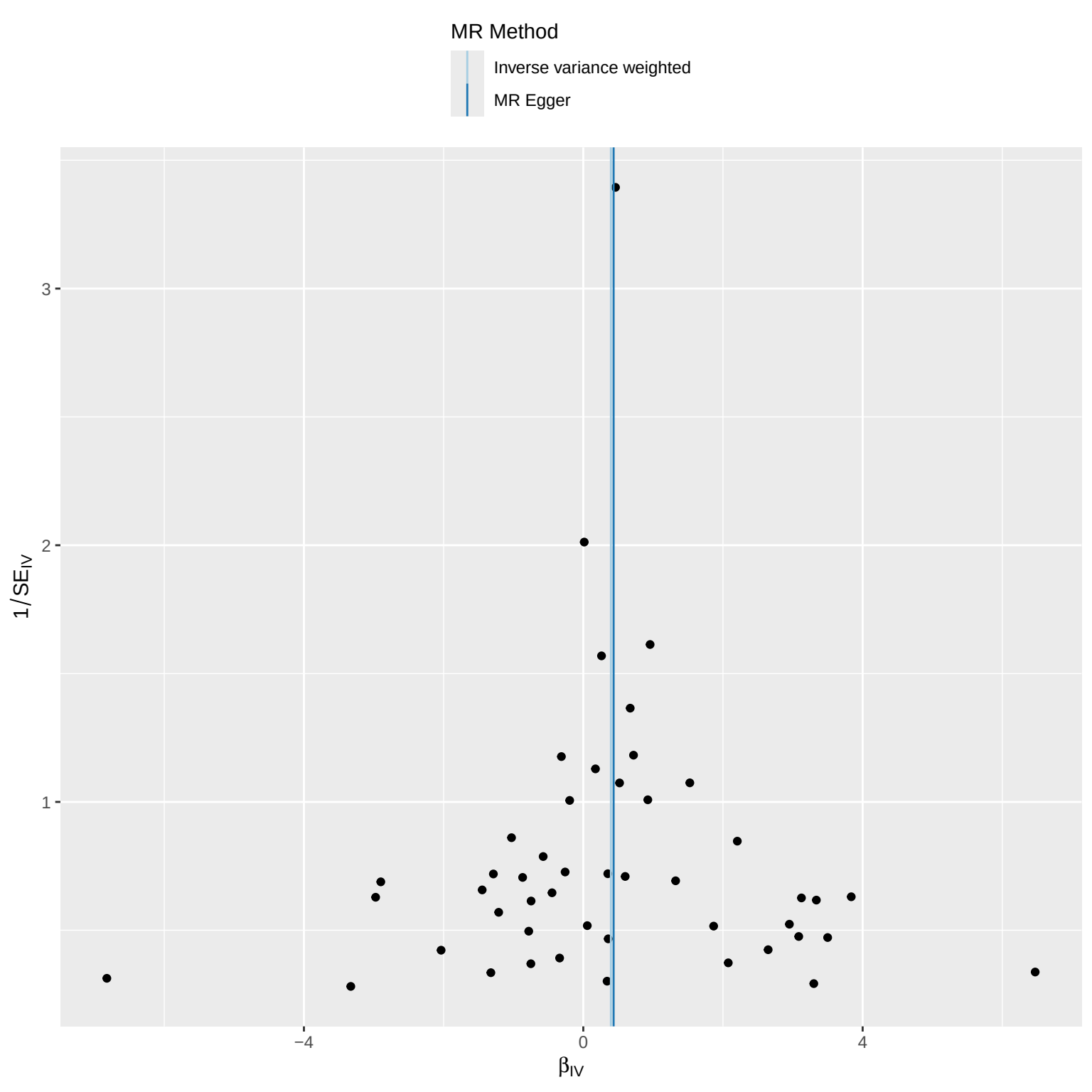

MR Method
Inverse variance weighted
MR Egger
2
1
0
1/SE_IV
−10
−5
0
β_IV

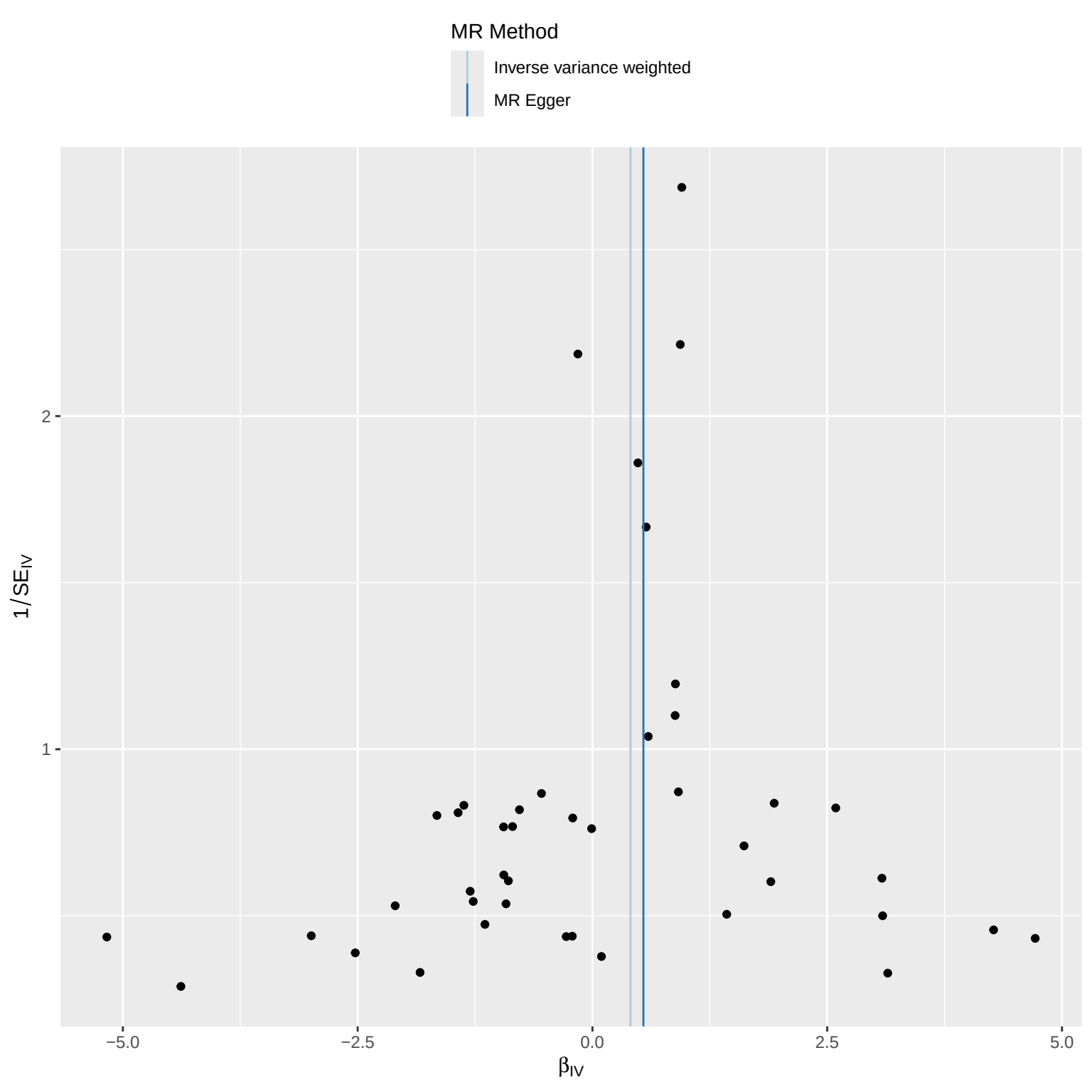

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

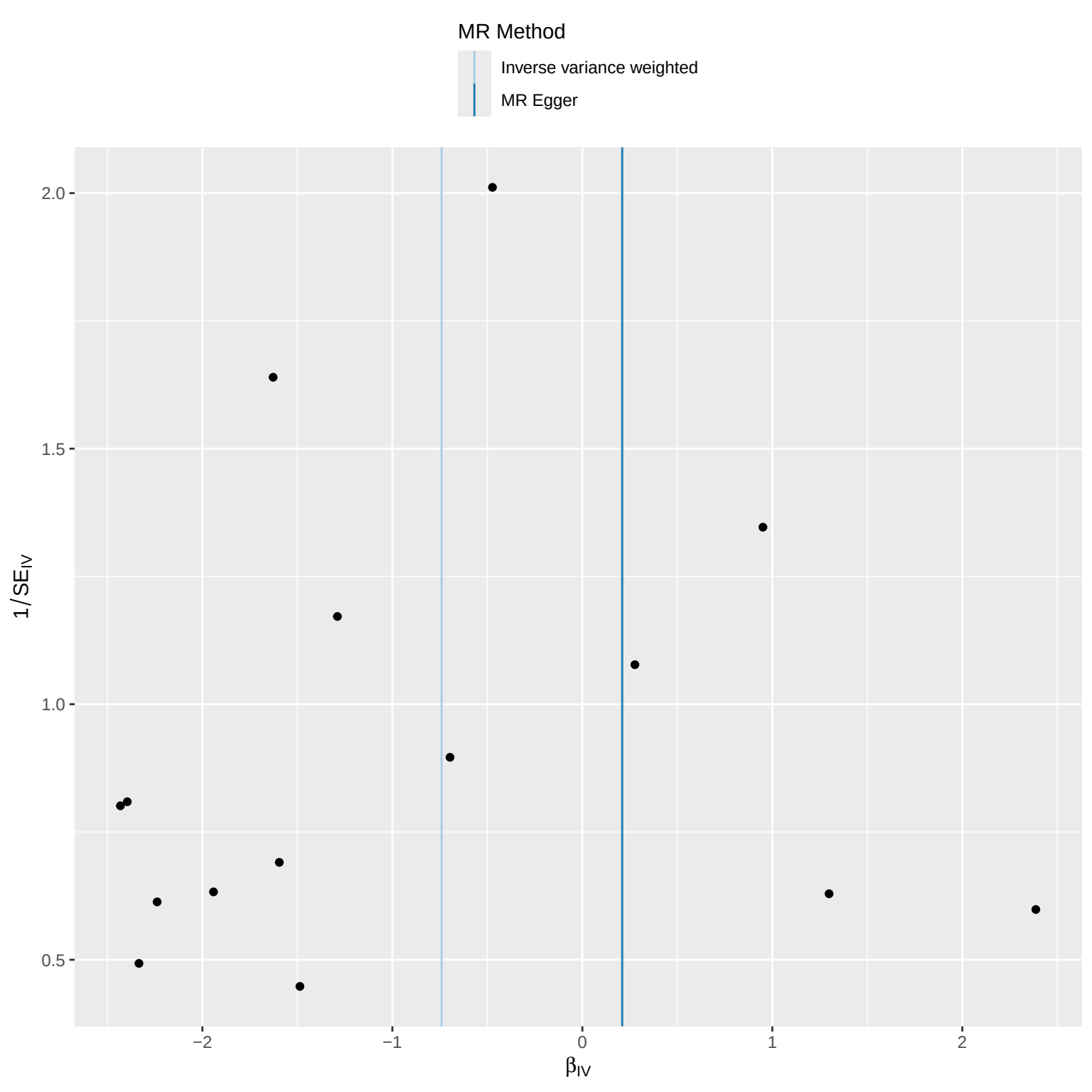

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

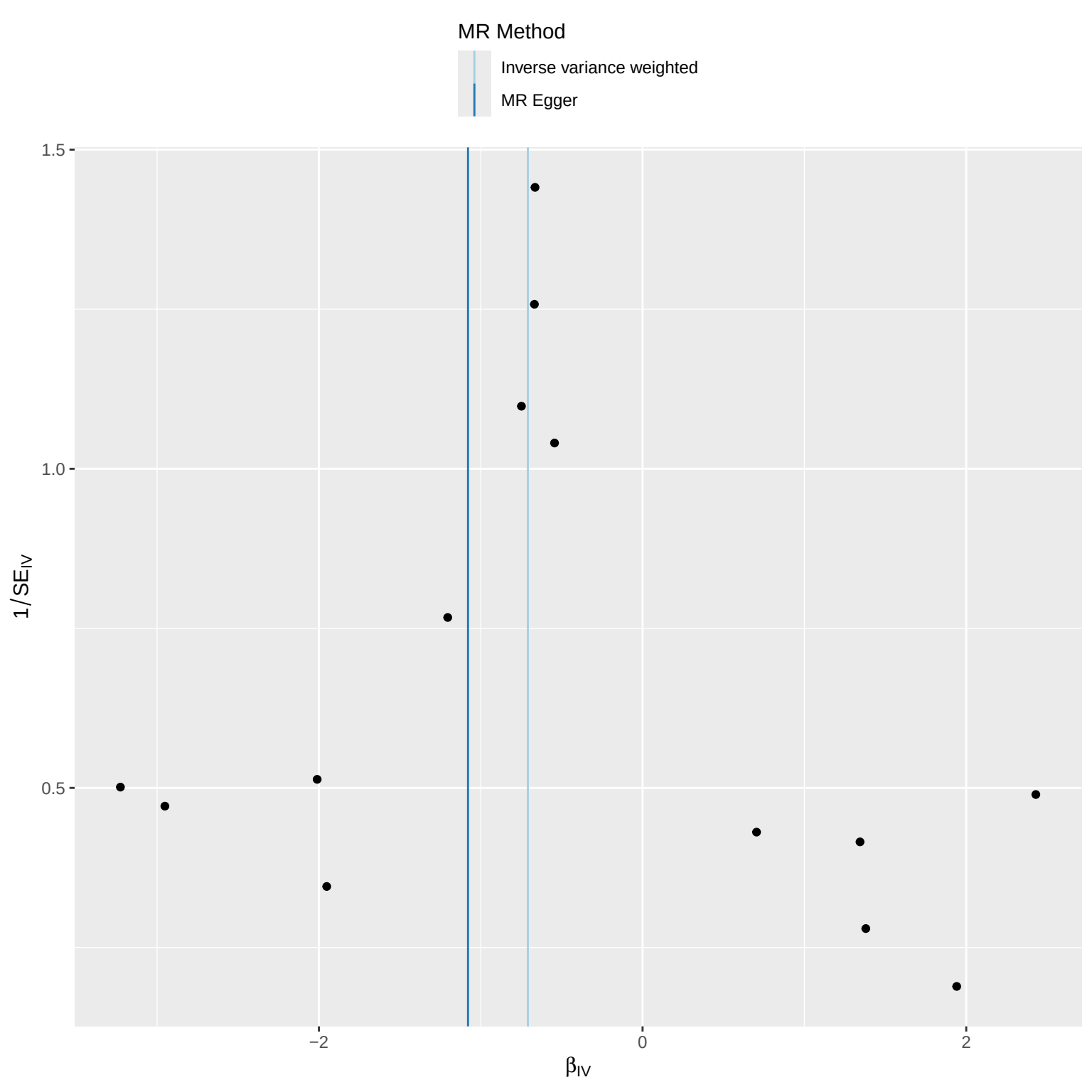

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
0.3
0.2
1/SE_IV
−2.5
0.0
2.5
β_IV

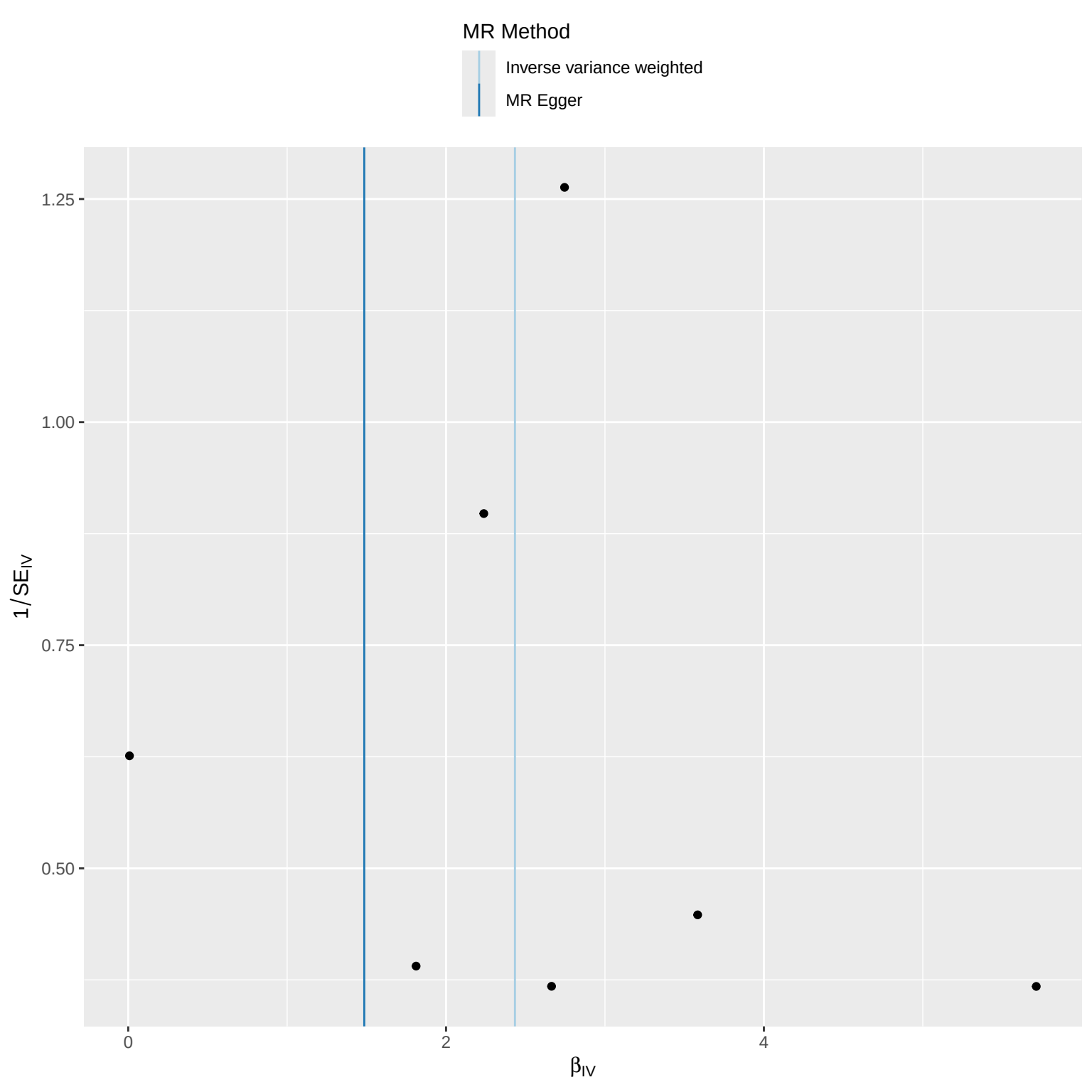

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

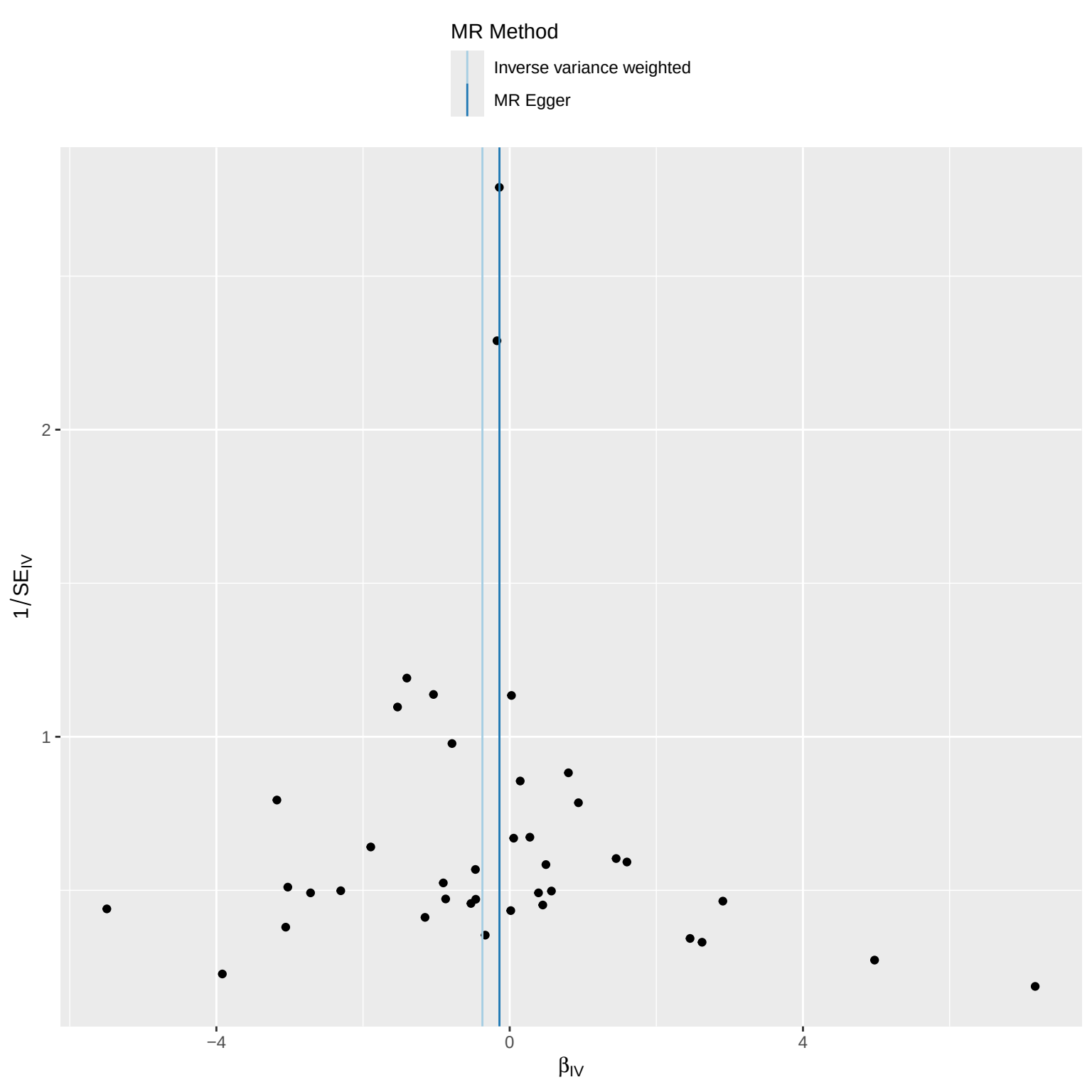

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
0
4
β_IV

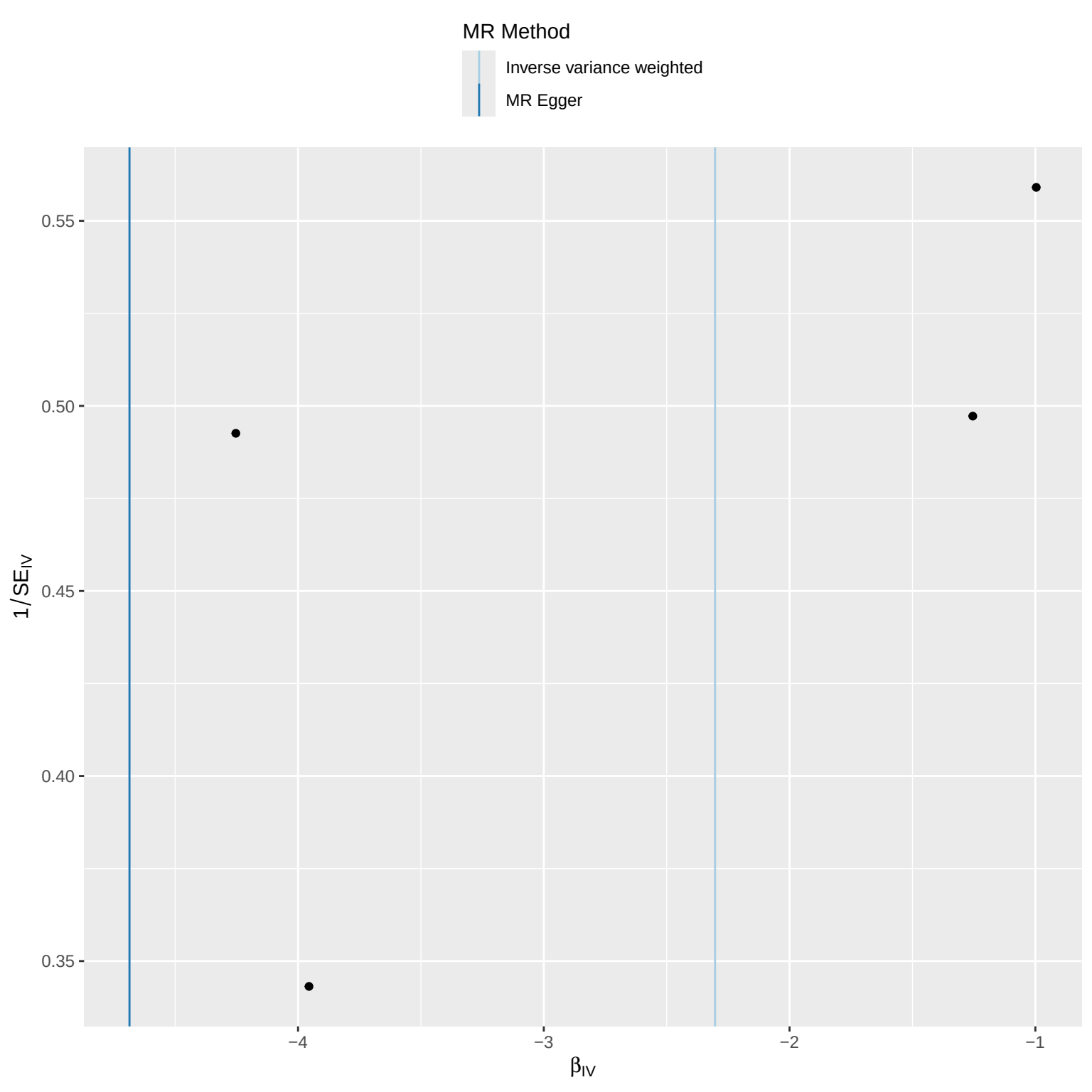

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

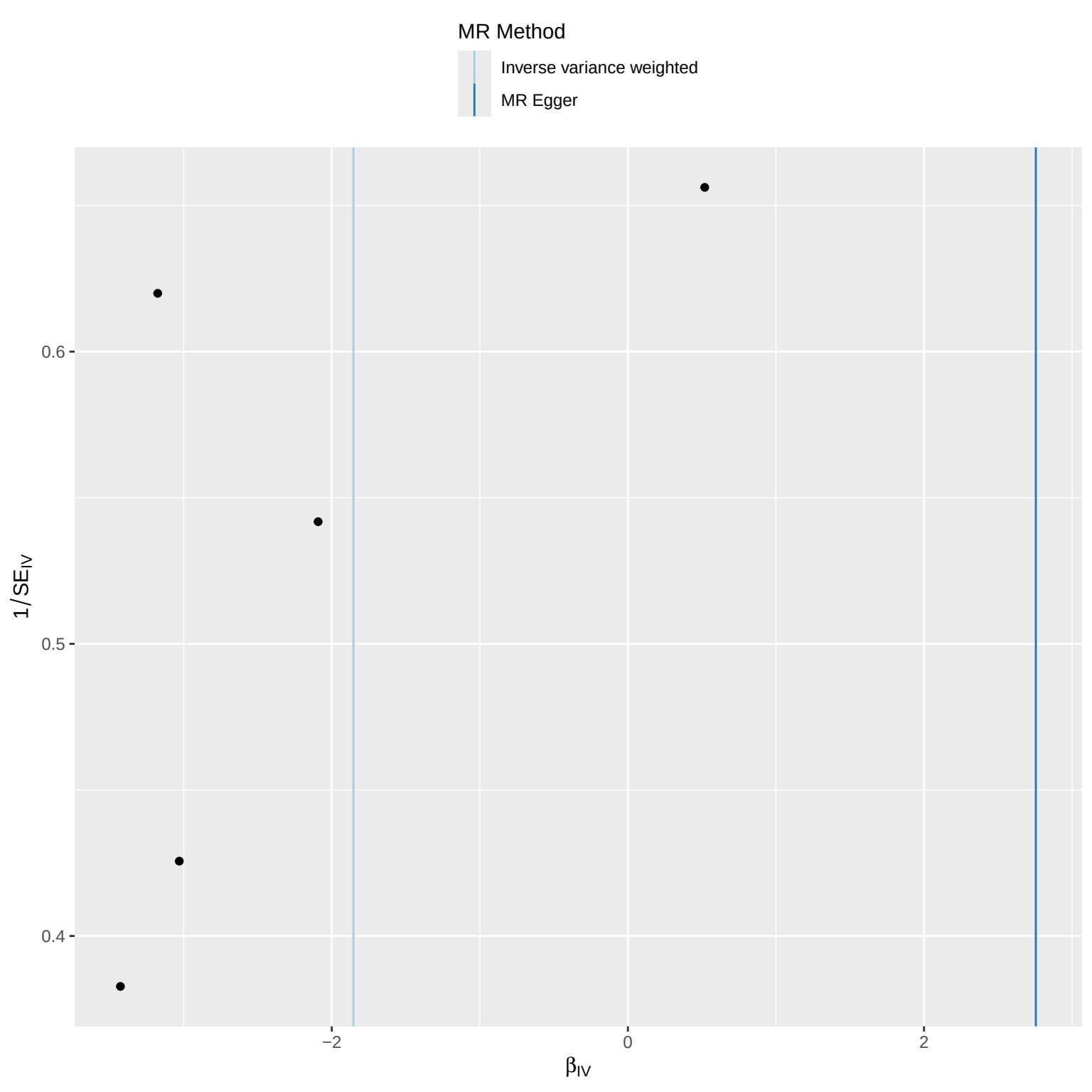

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

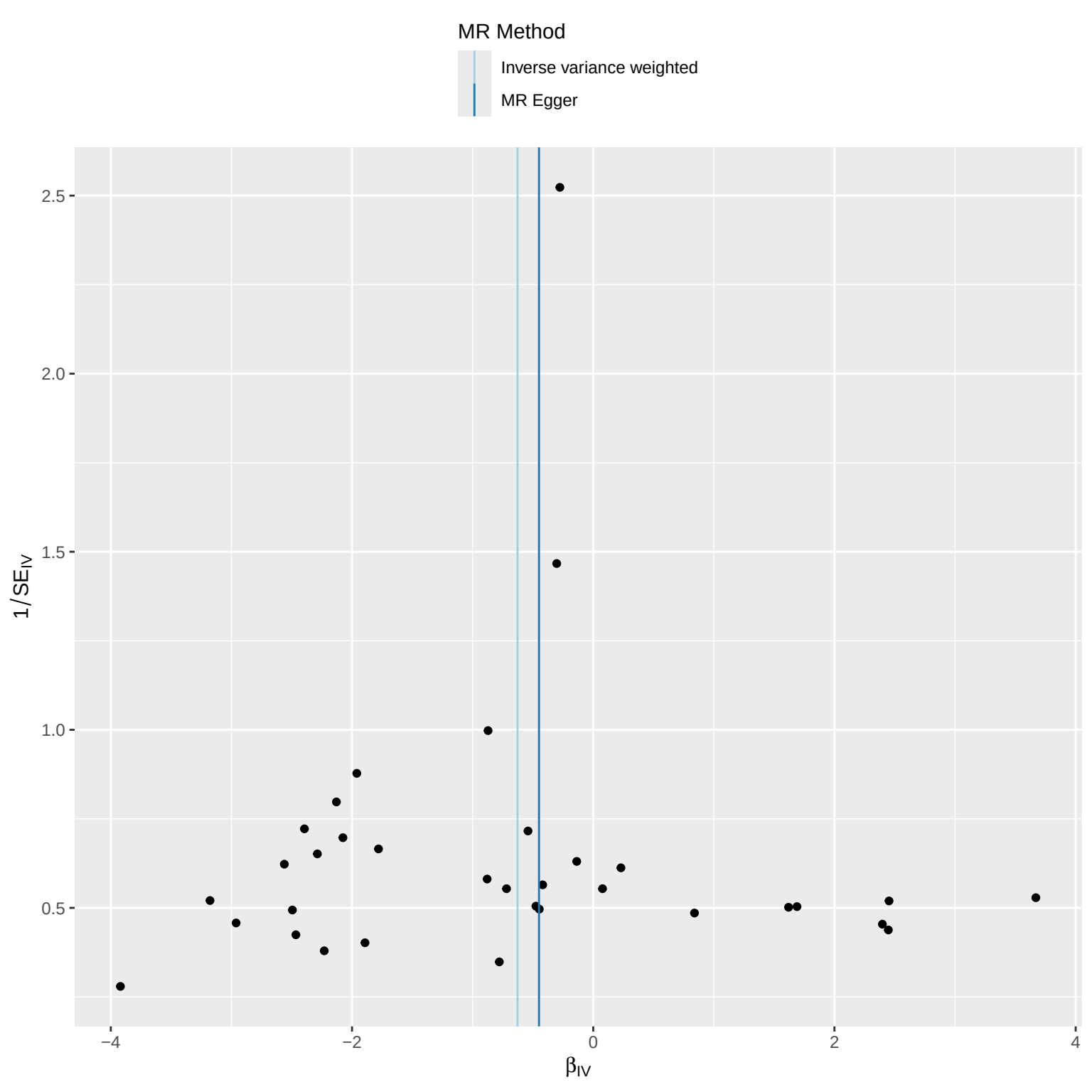

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

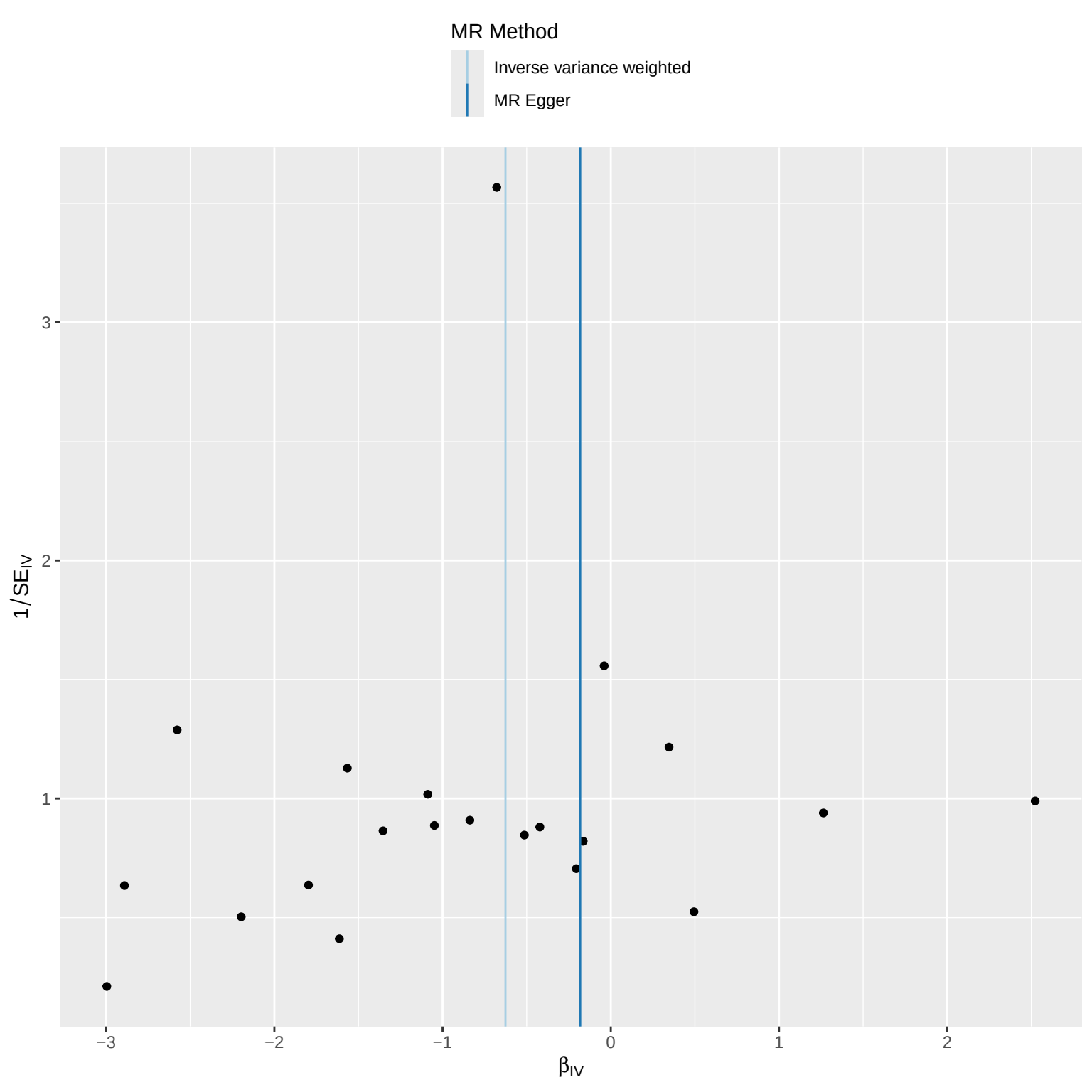

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
2
4
β_IV

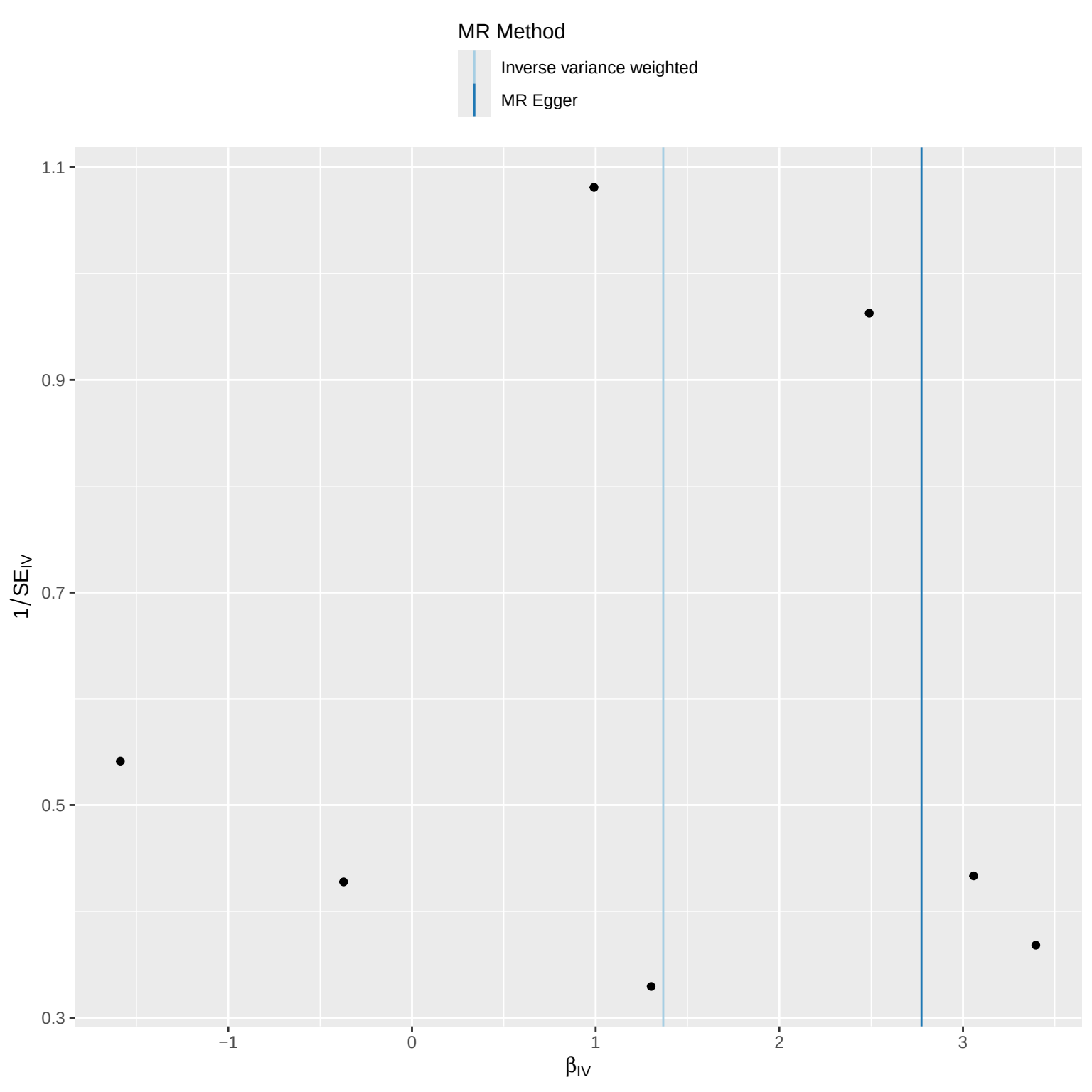

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
0
4
β_IV

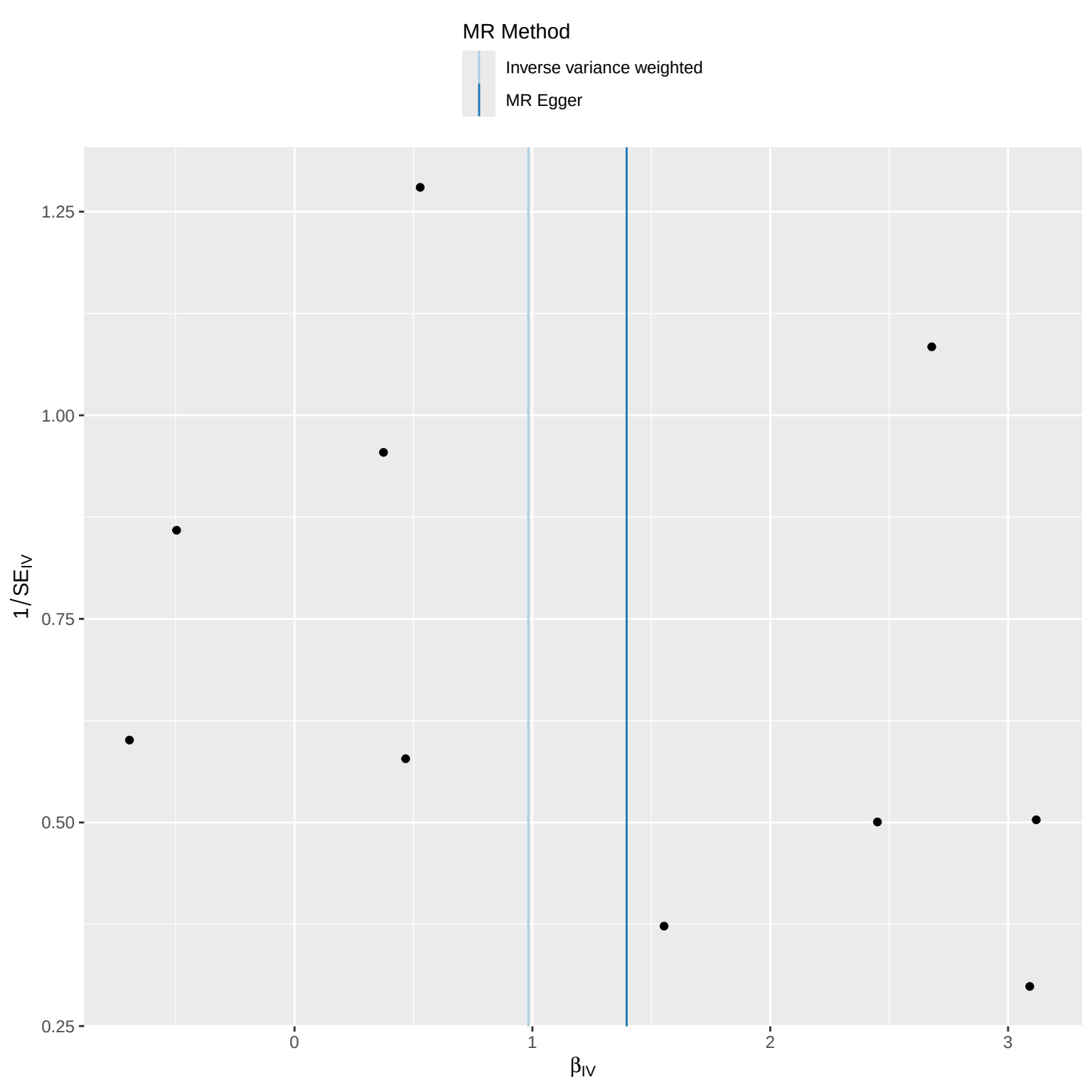

MR Method
Inverse variance weighted
MR Egger
0.55
0.50
0.45
0.40
0.35
1/SE_IV
−4
−3
−2
−1
β_IV

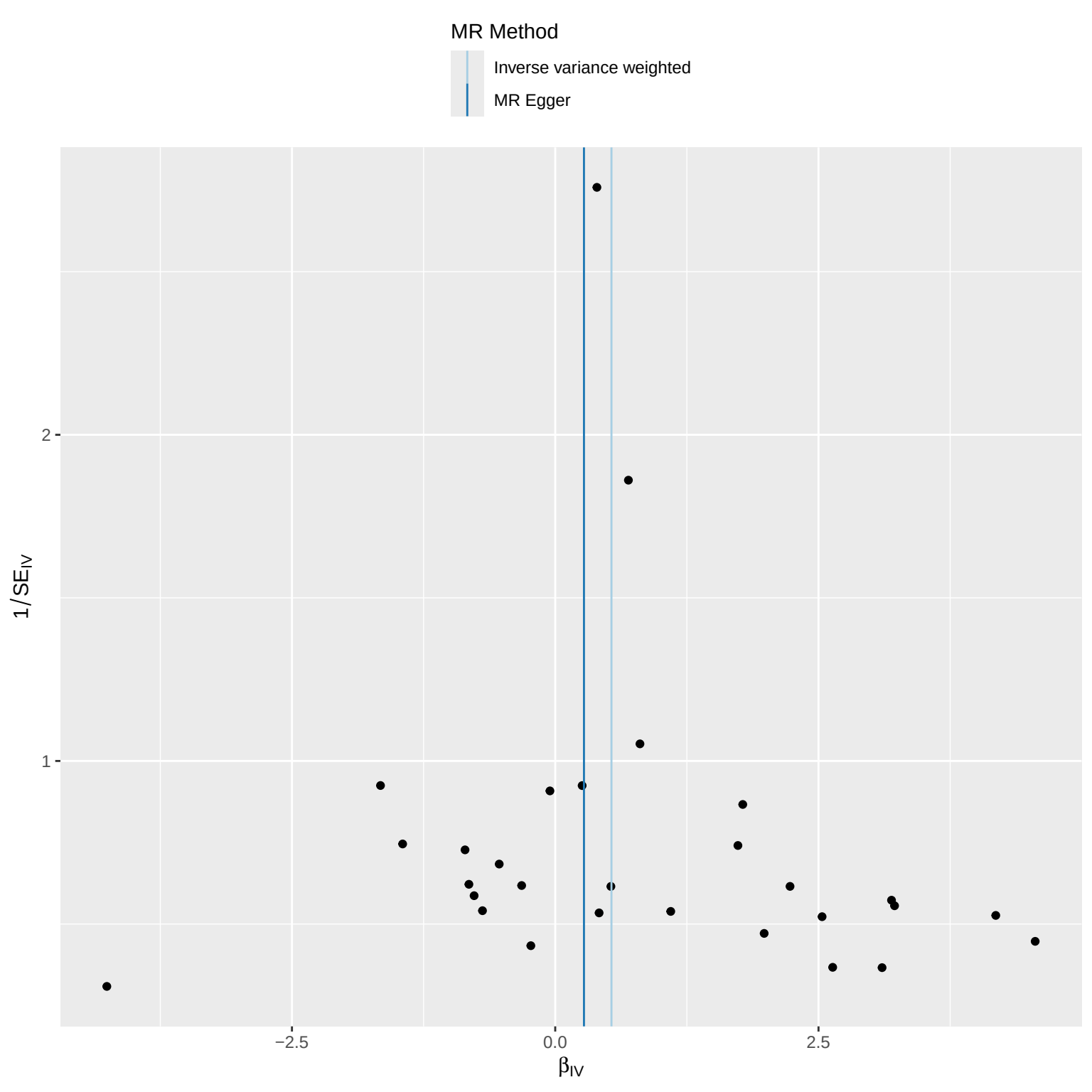

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
1/SE_IV
−2
0
2
β_IV

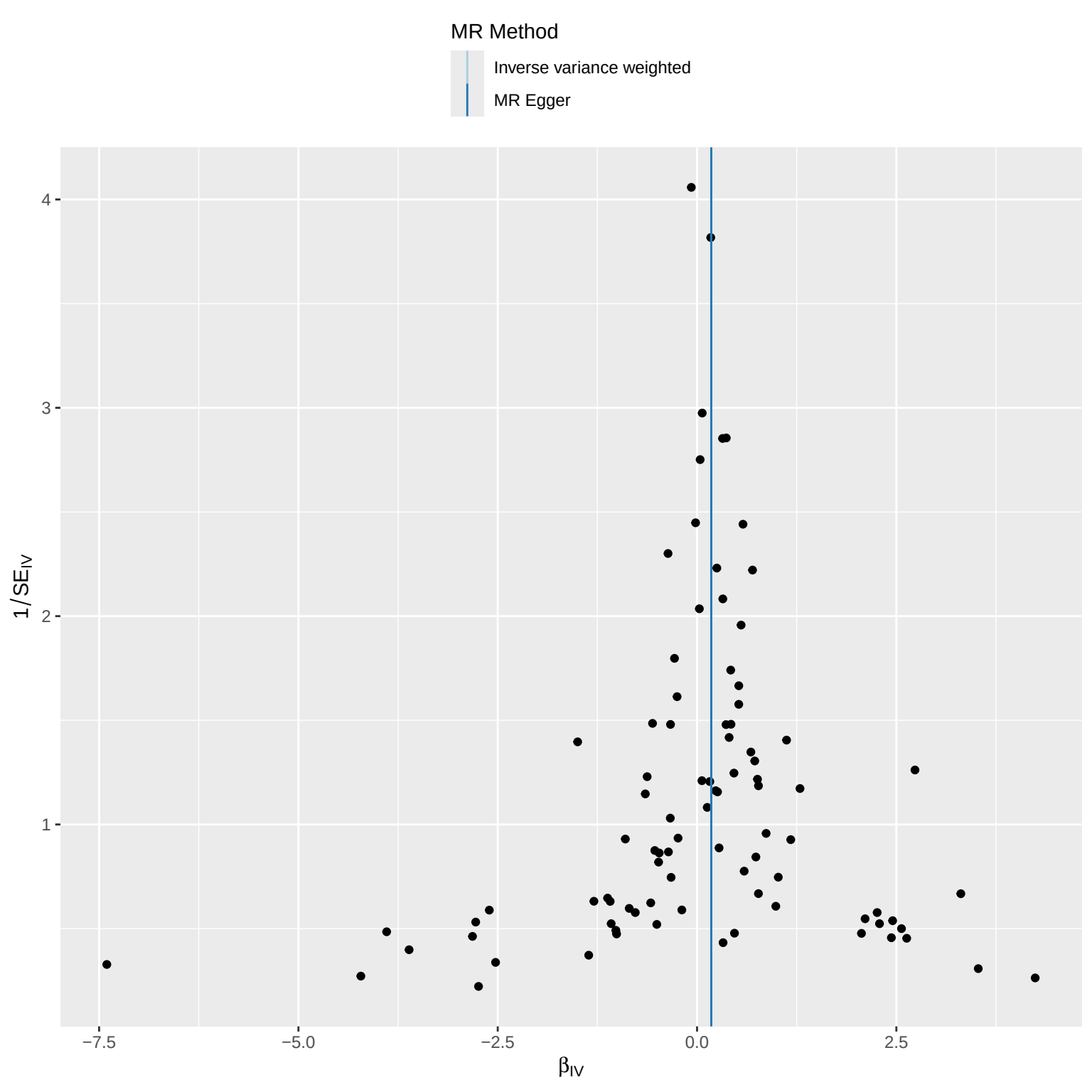

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

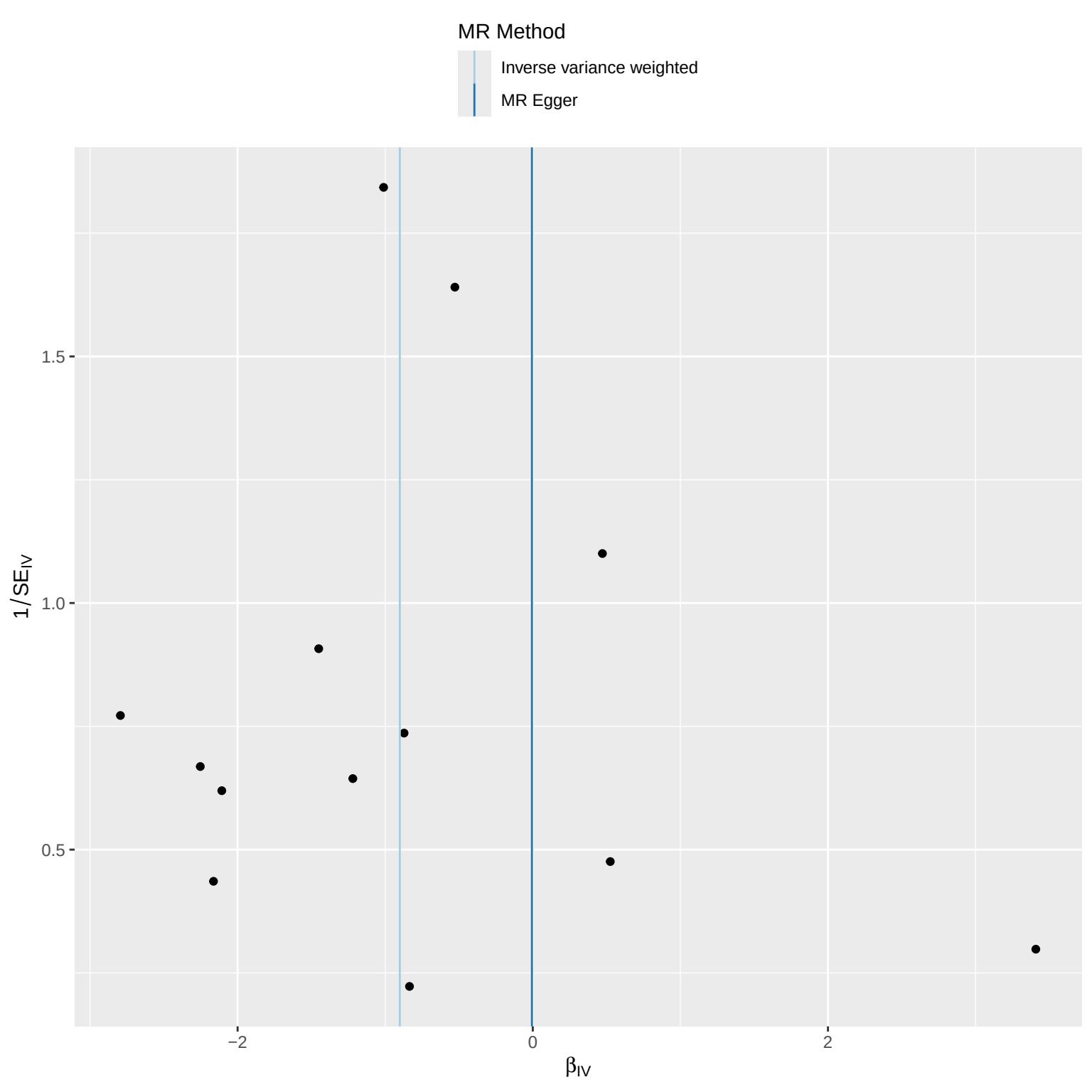

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

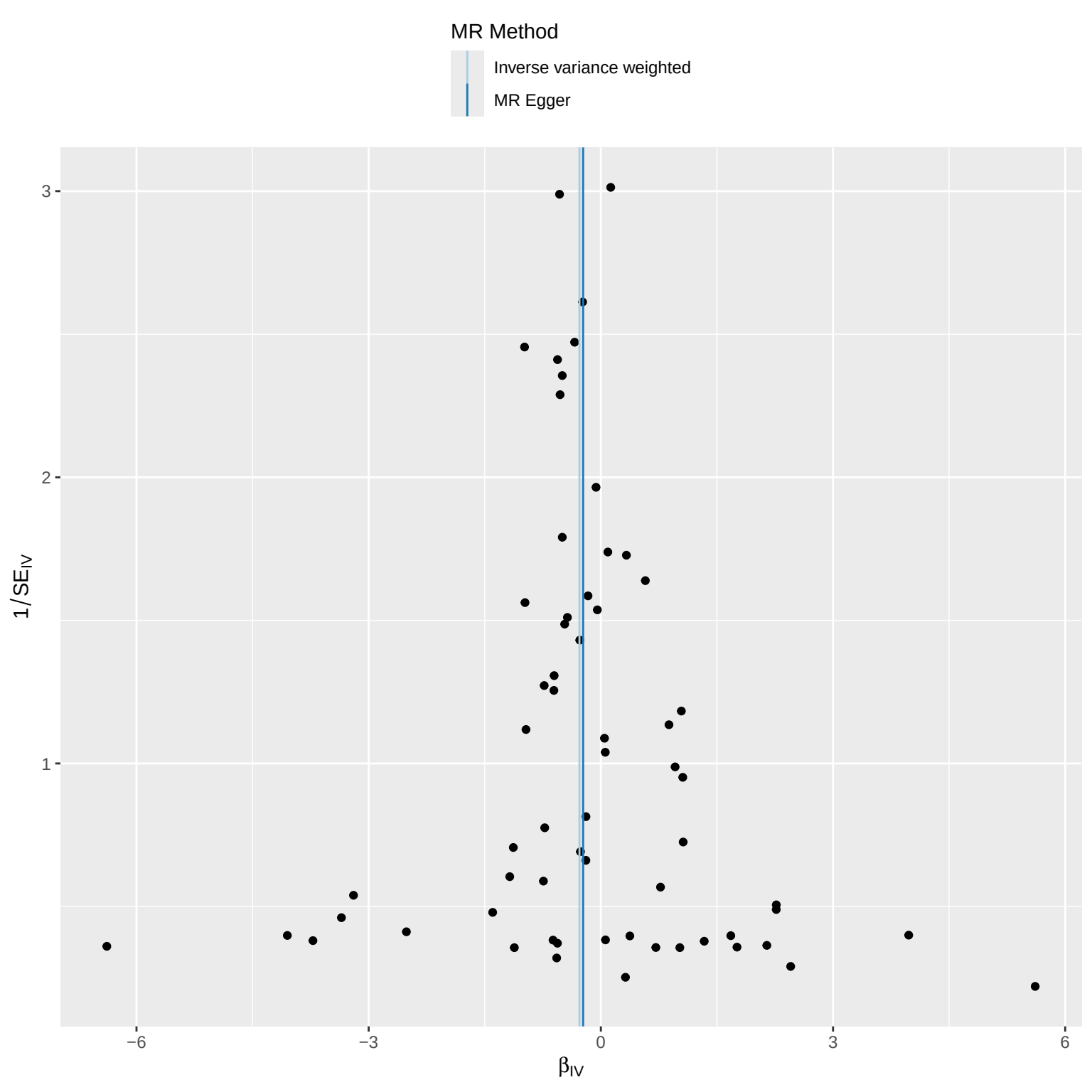

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
0.3
1/SE_IV
−1
0
1
2
3
β_IV

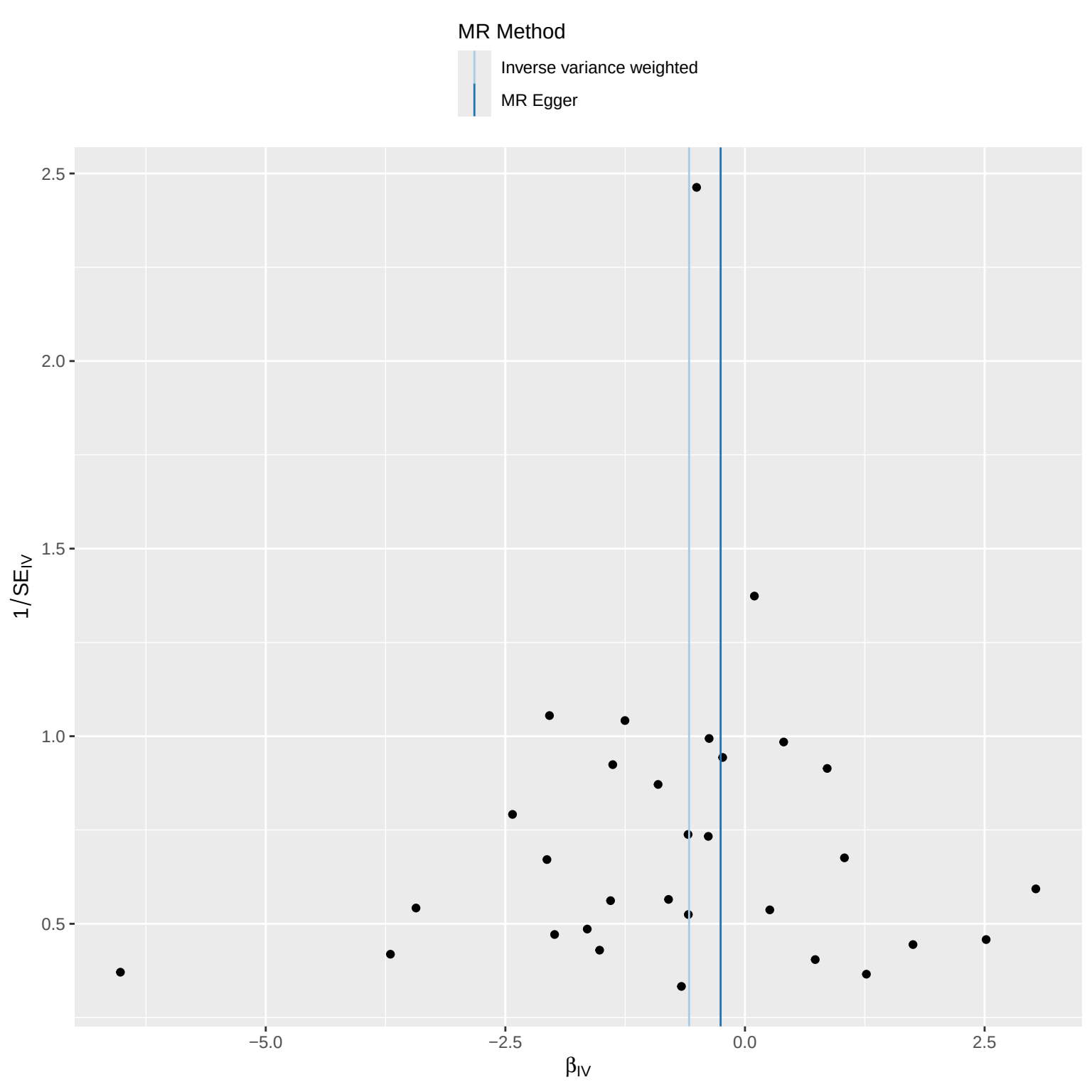

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
0
1
2
3
β_IV

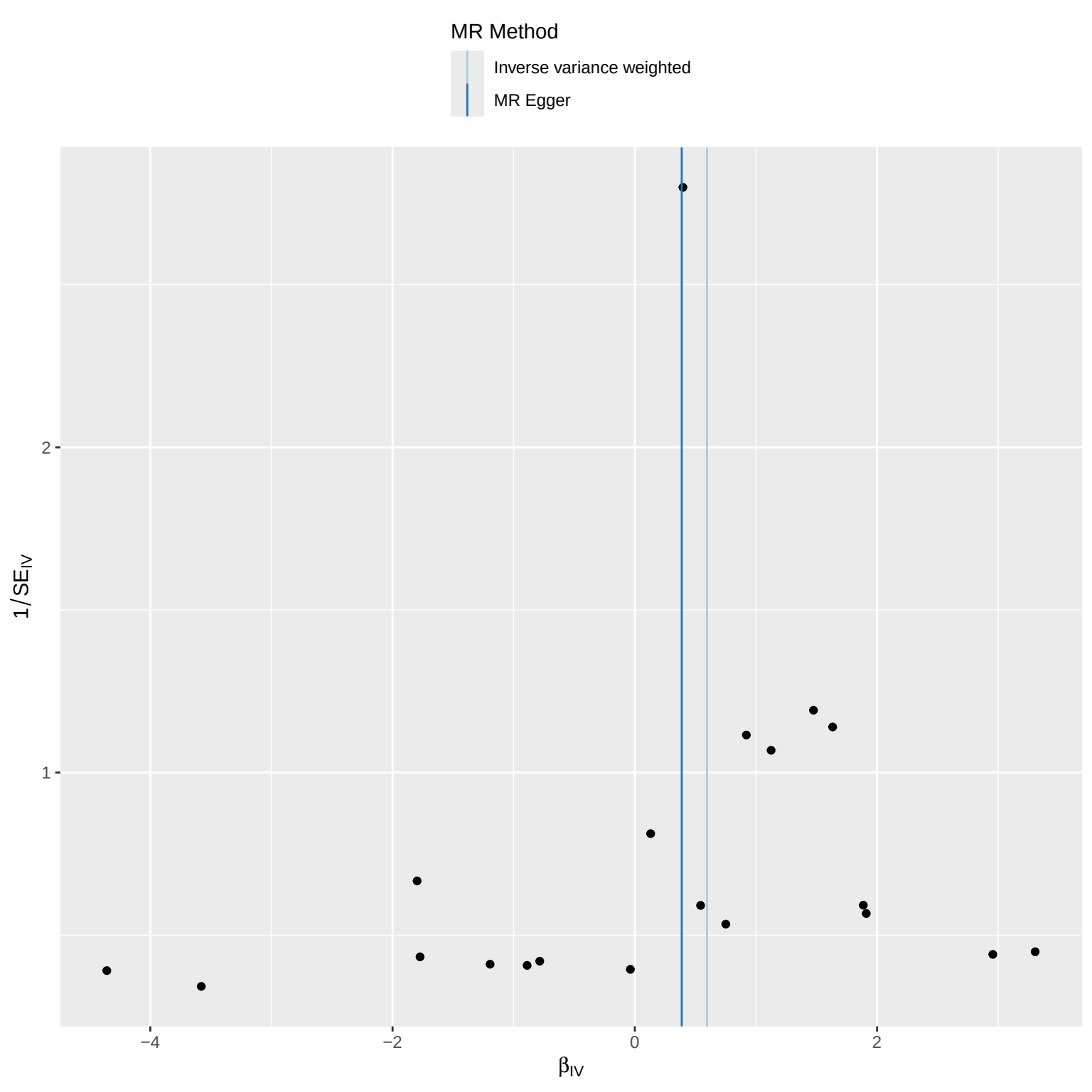

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

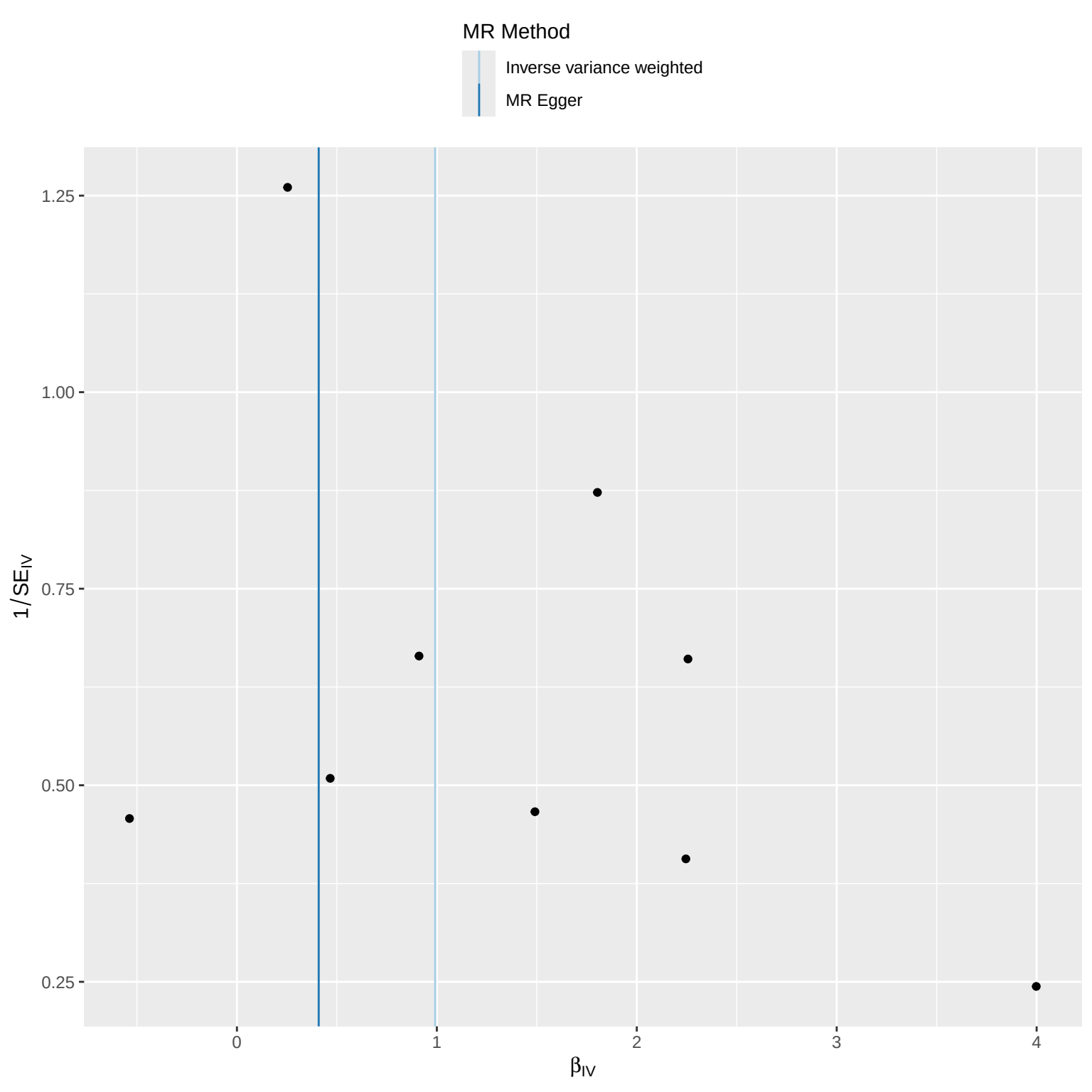

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
β_IV

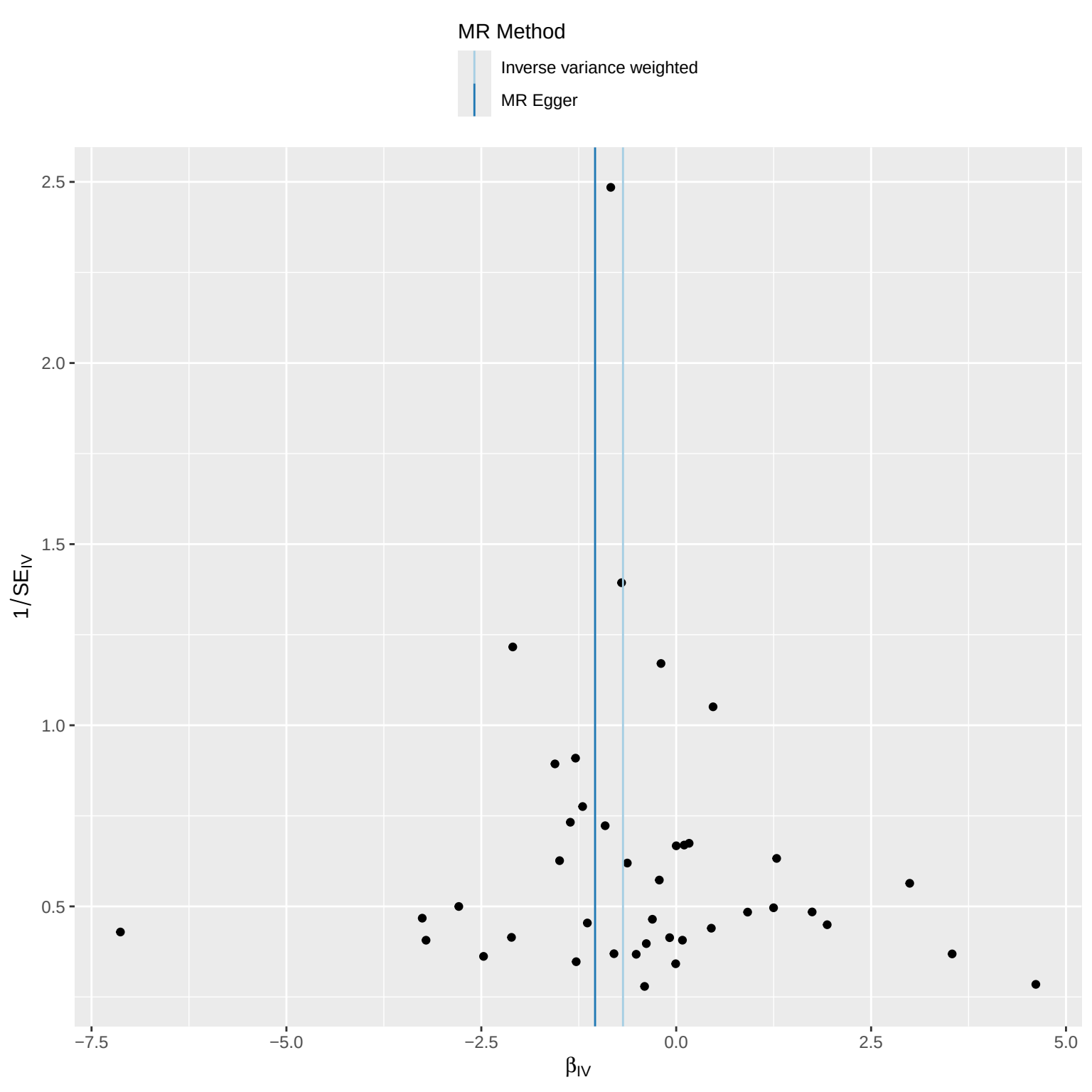

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

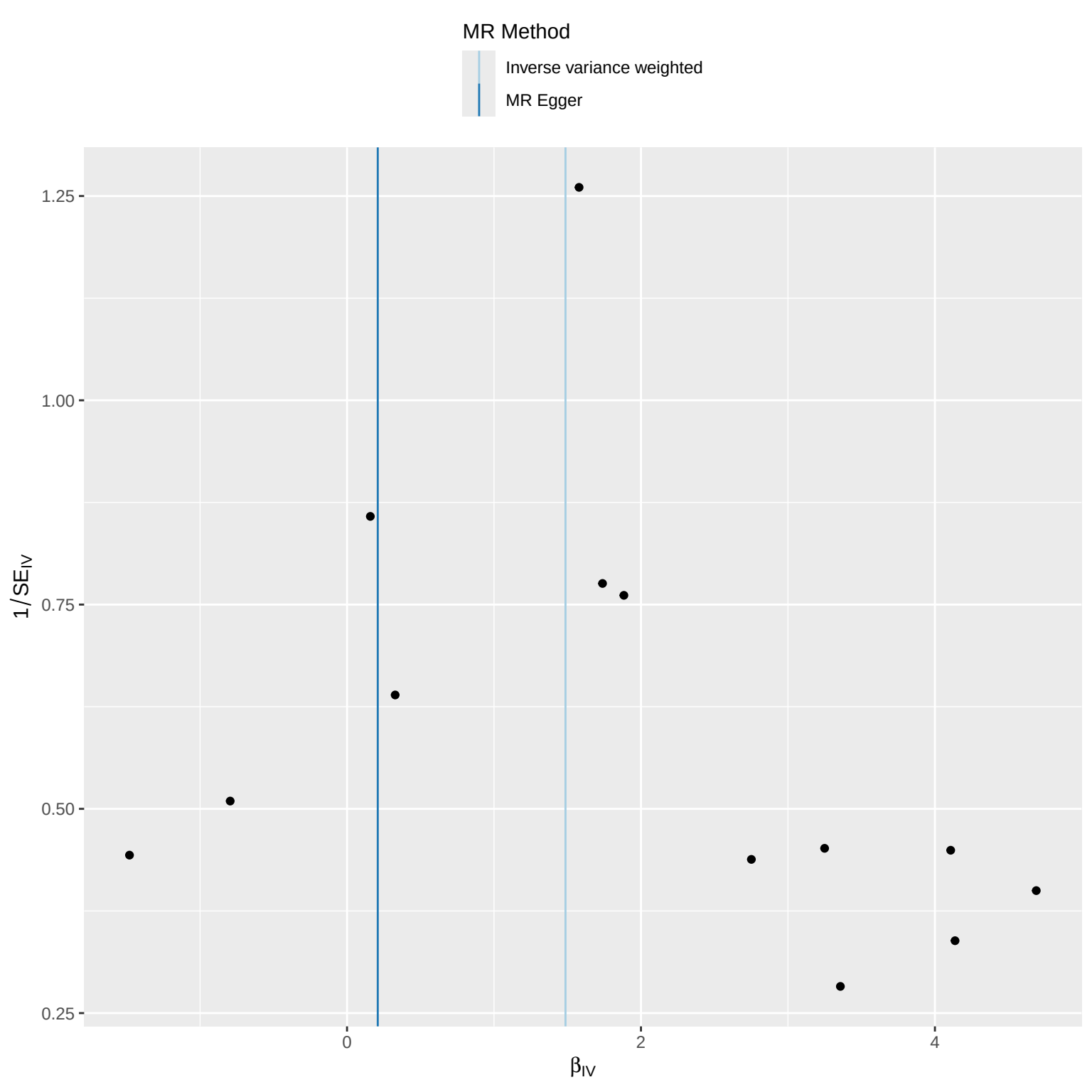

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
3
6
β_IV

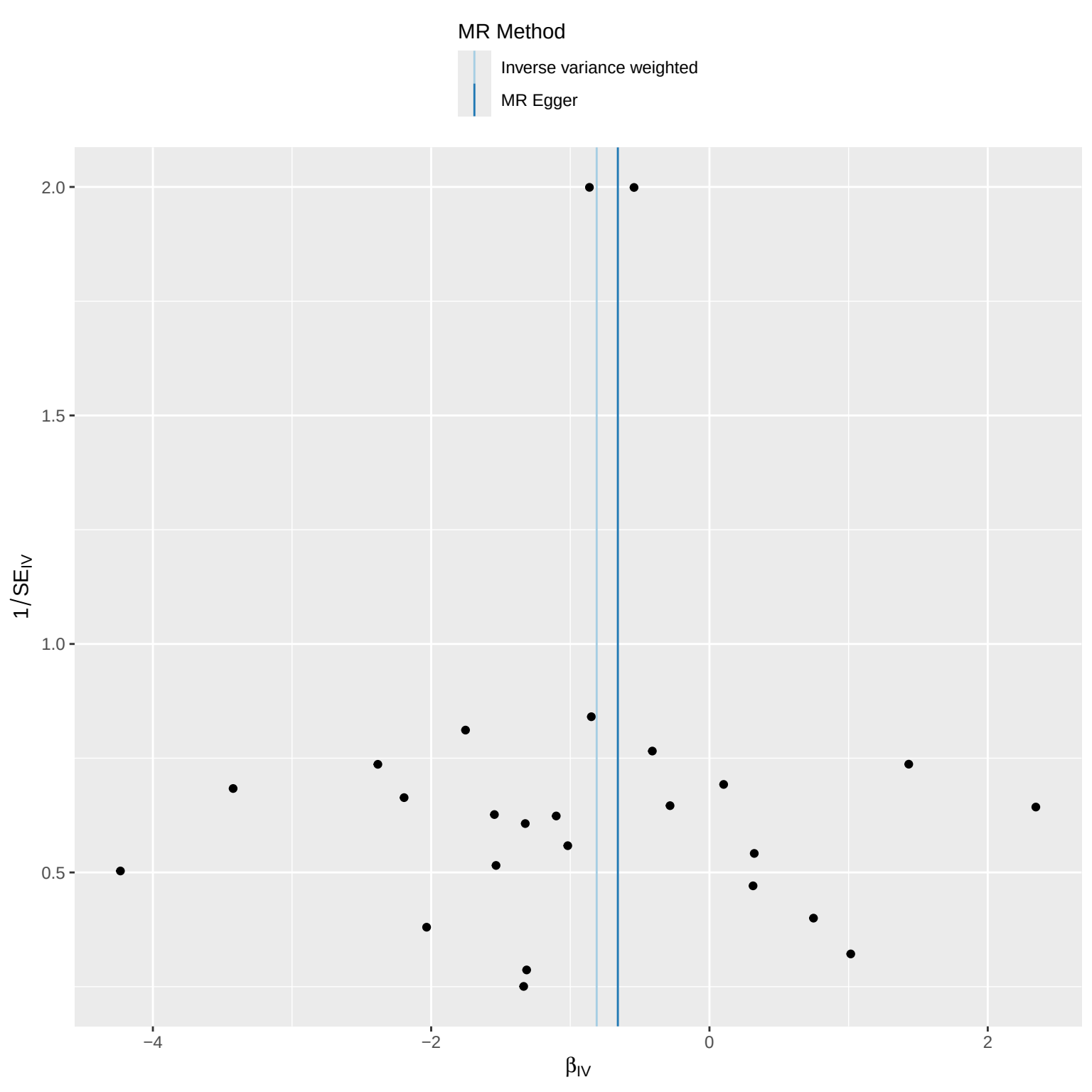

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

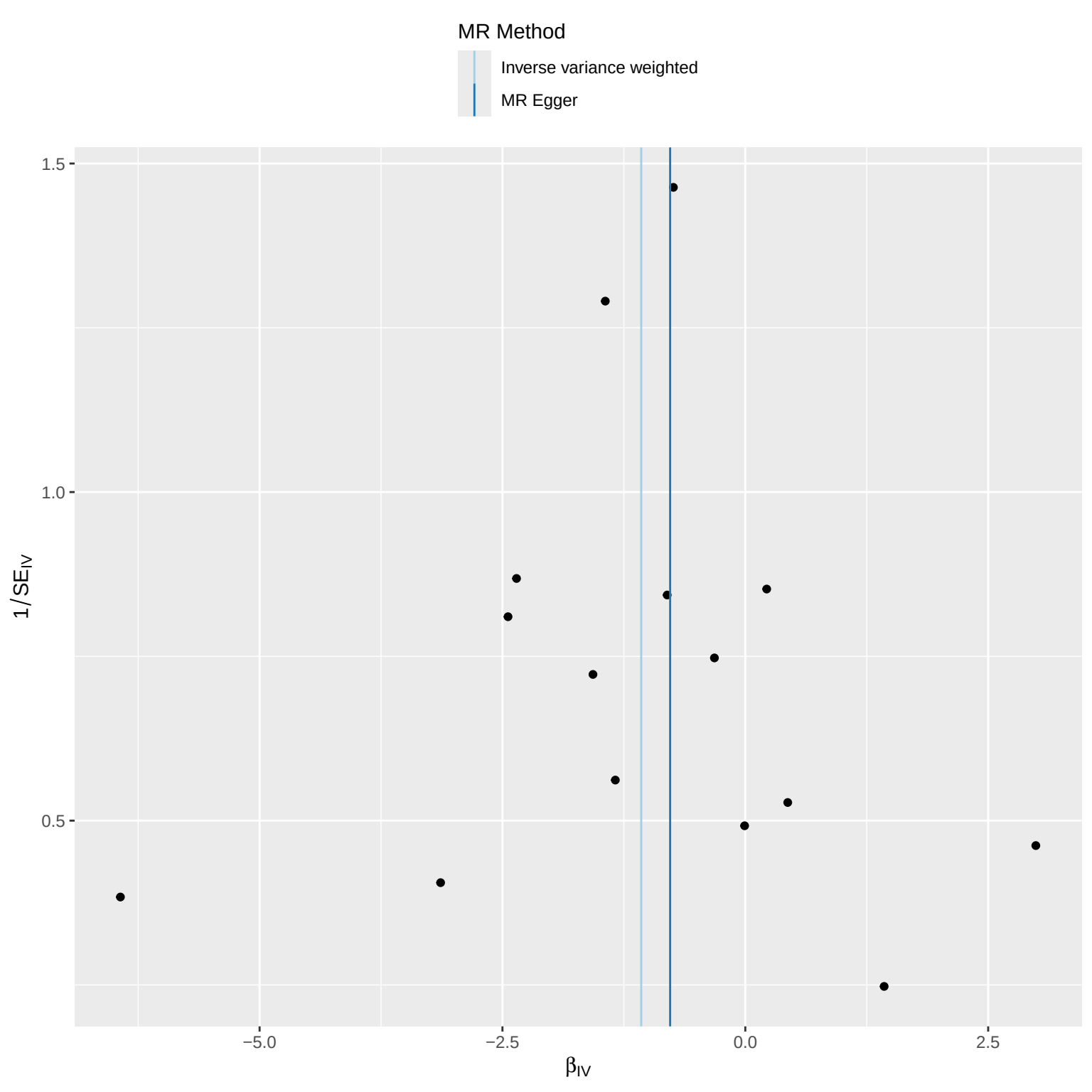

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

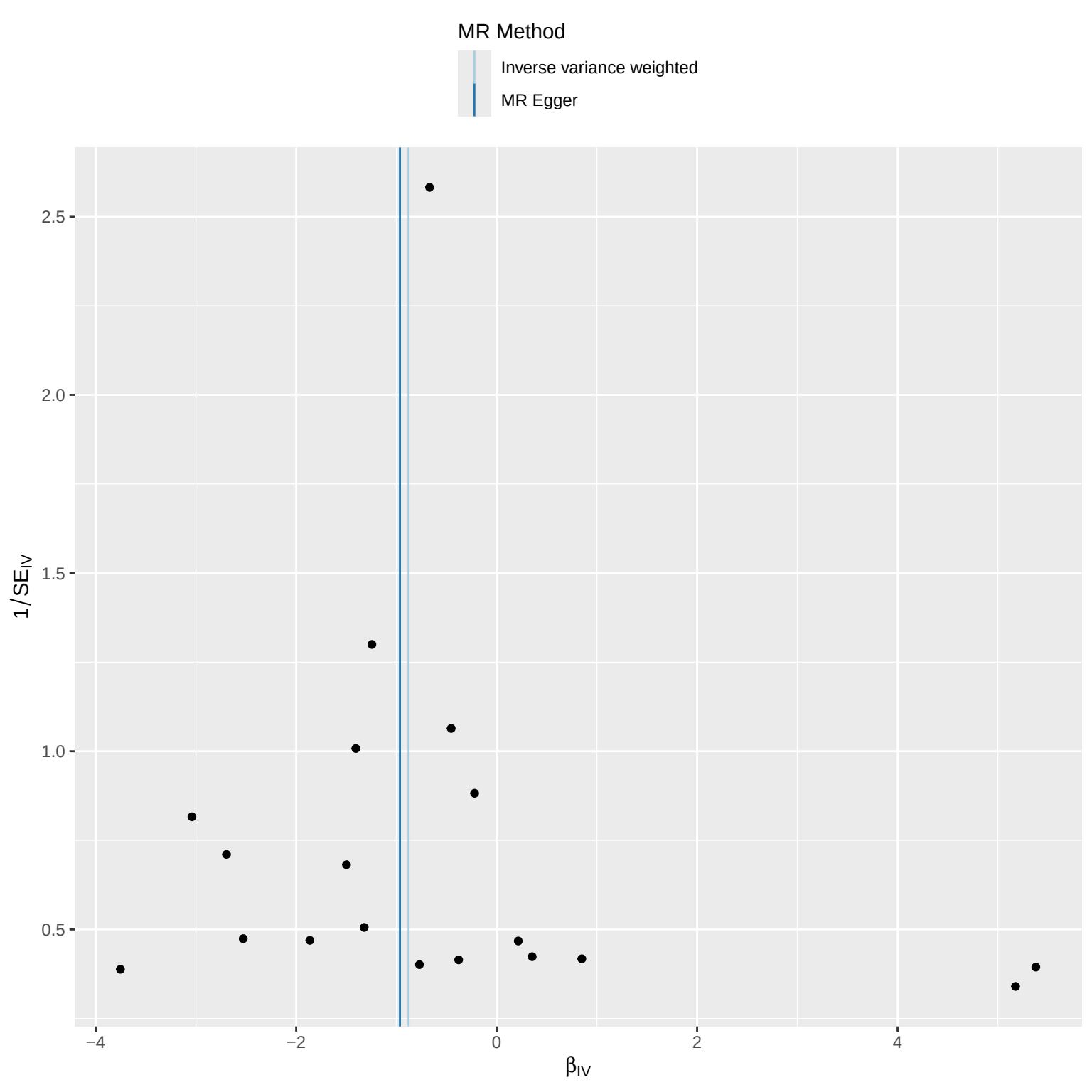

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
0
1
2
3
4
β_IV

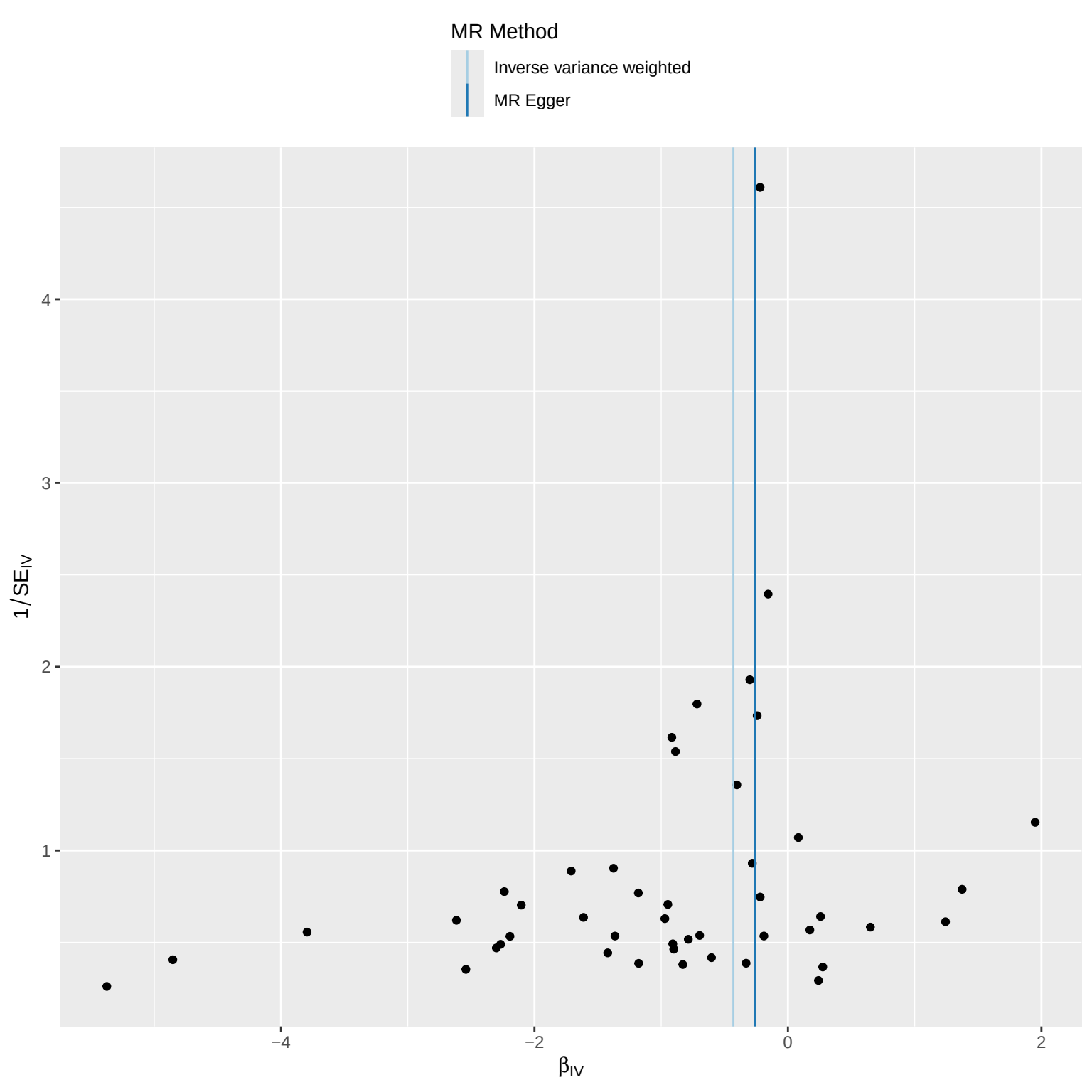

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
5.0
β_IV

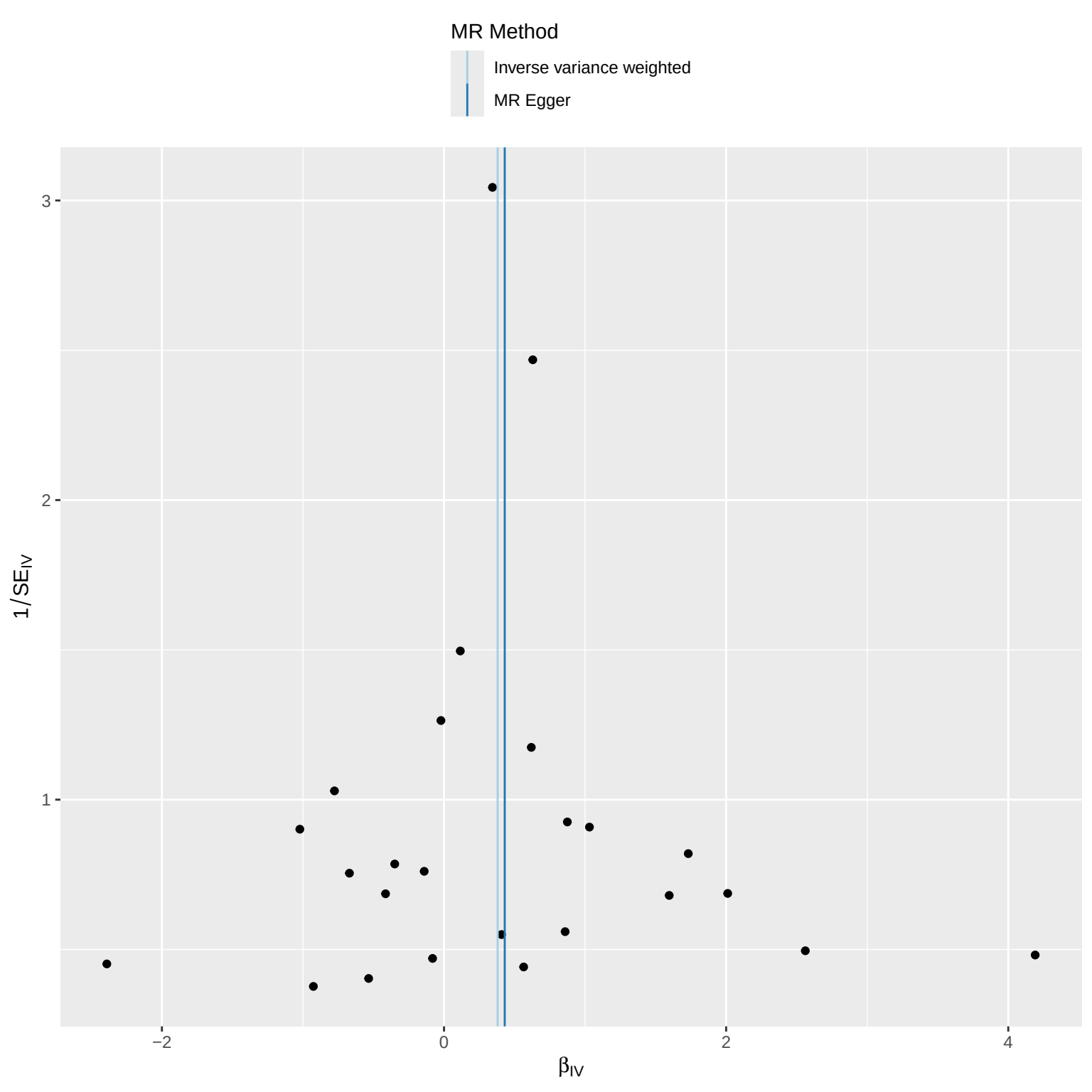

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
0
2
4
β_IV

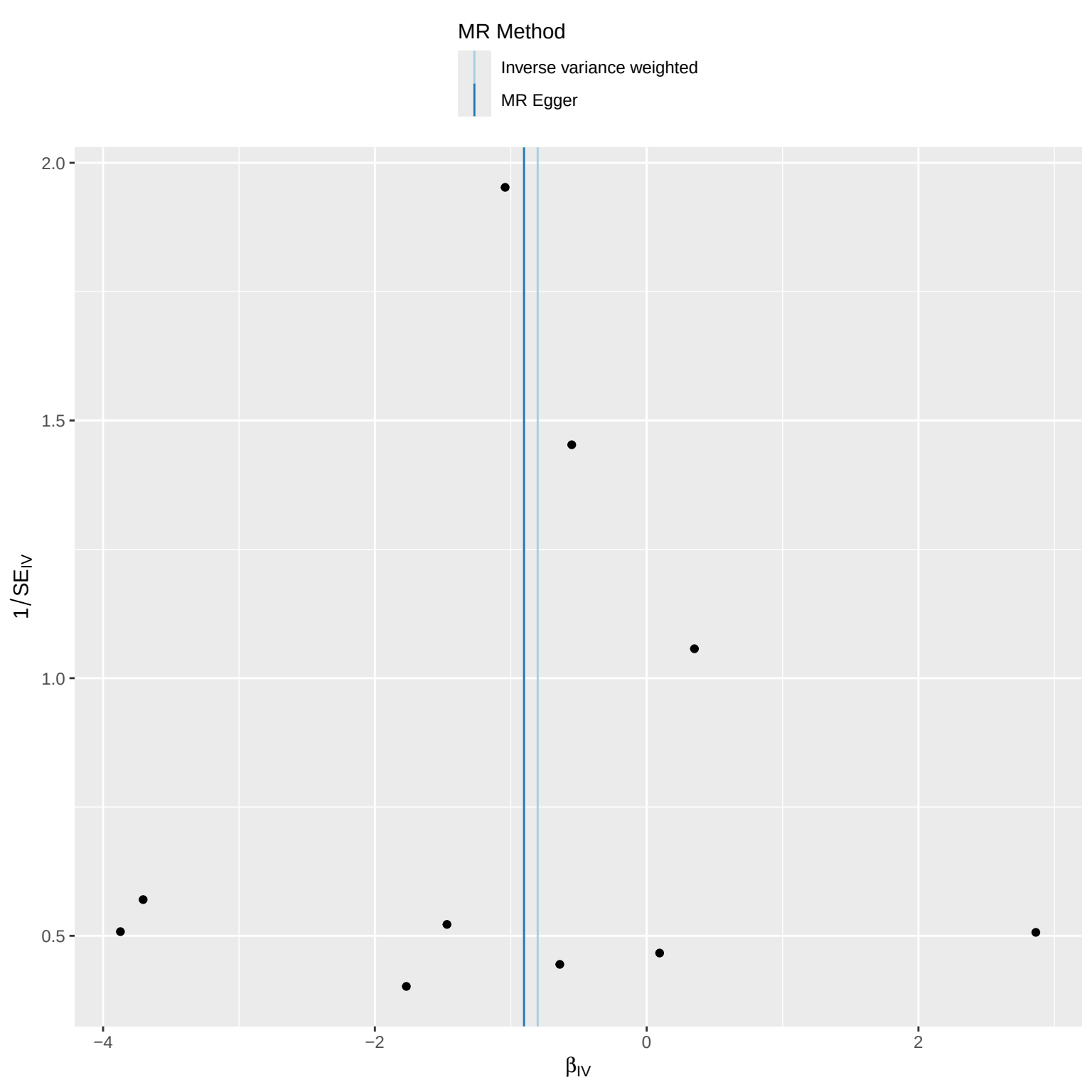

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

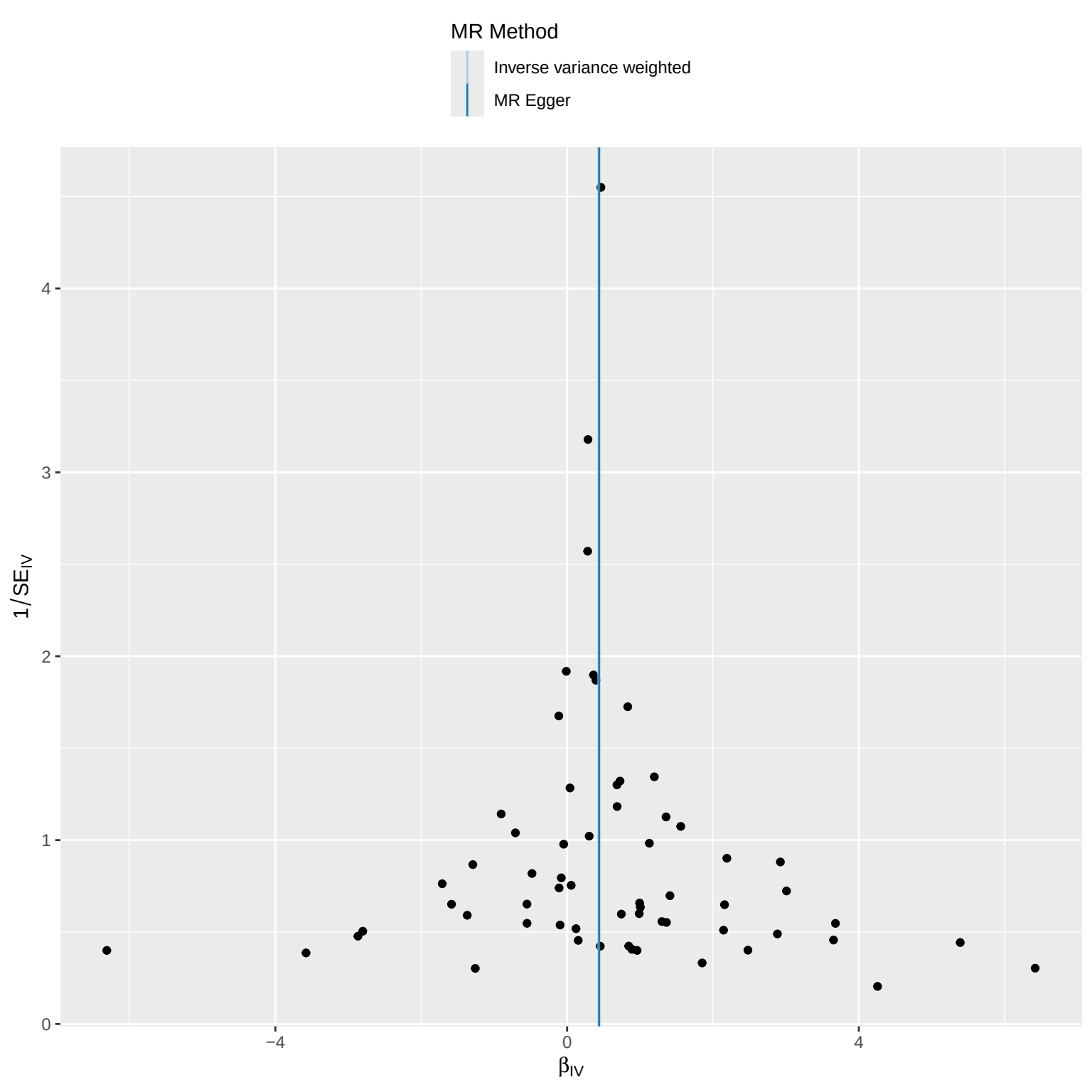

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

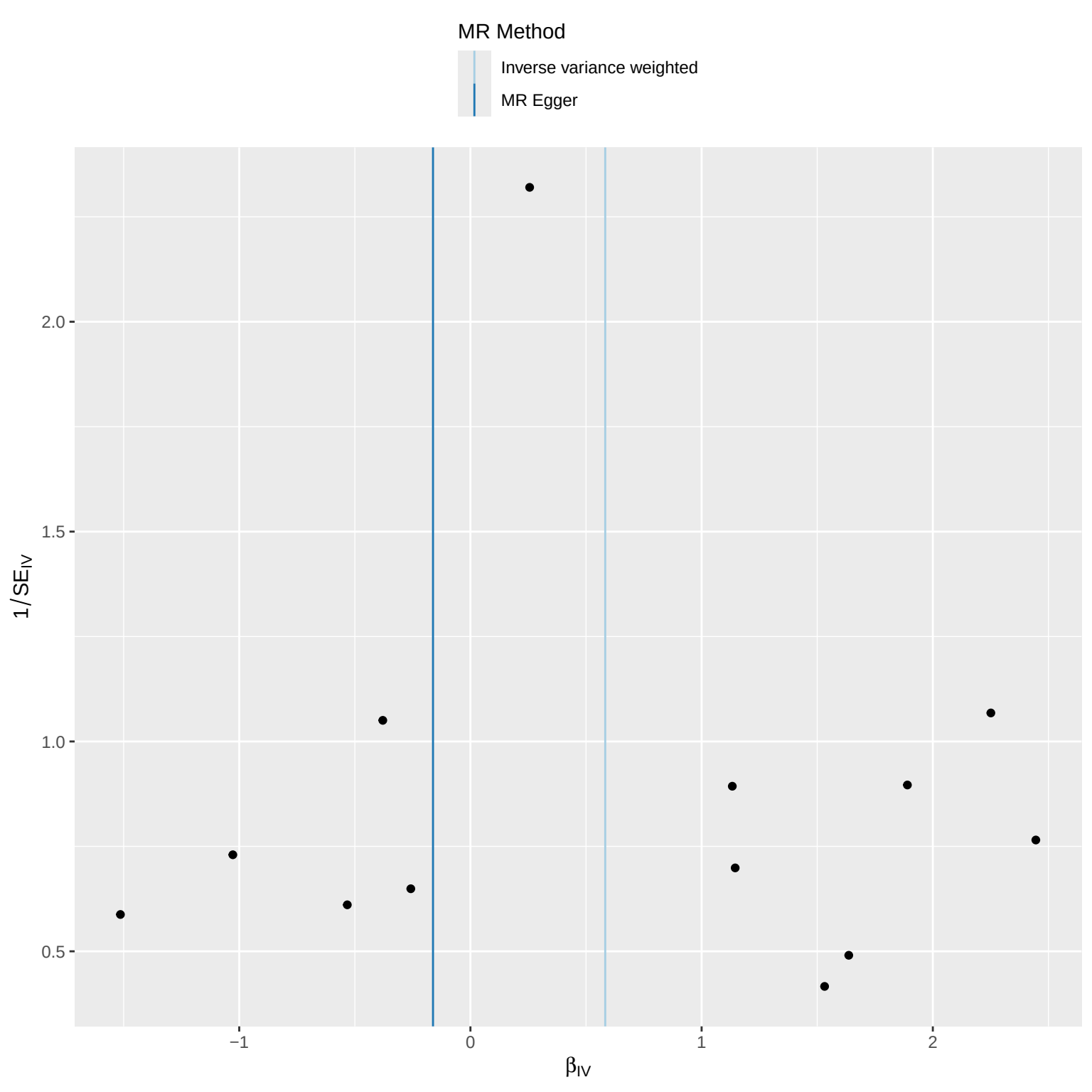

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

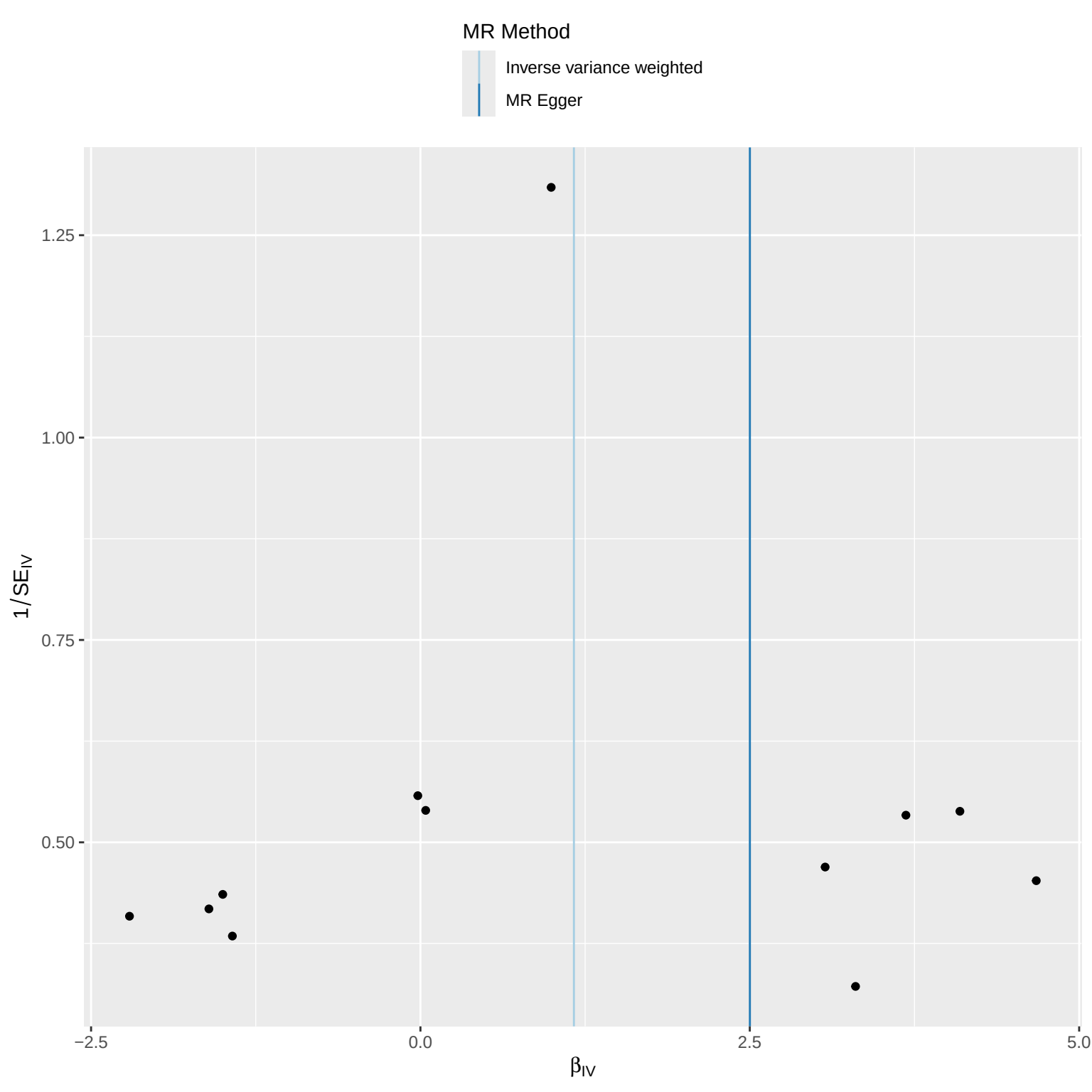

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

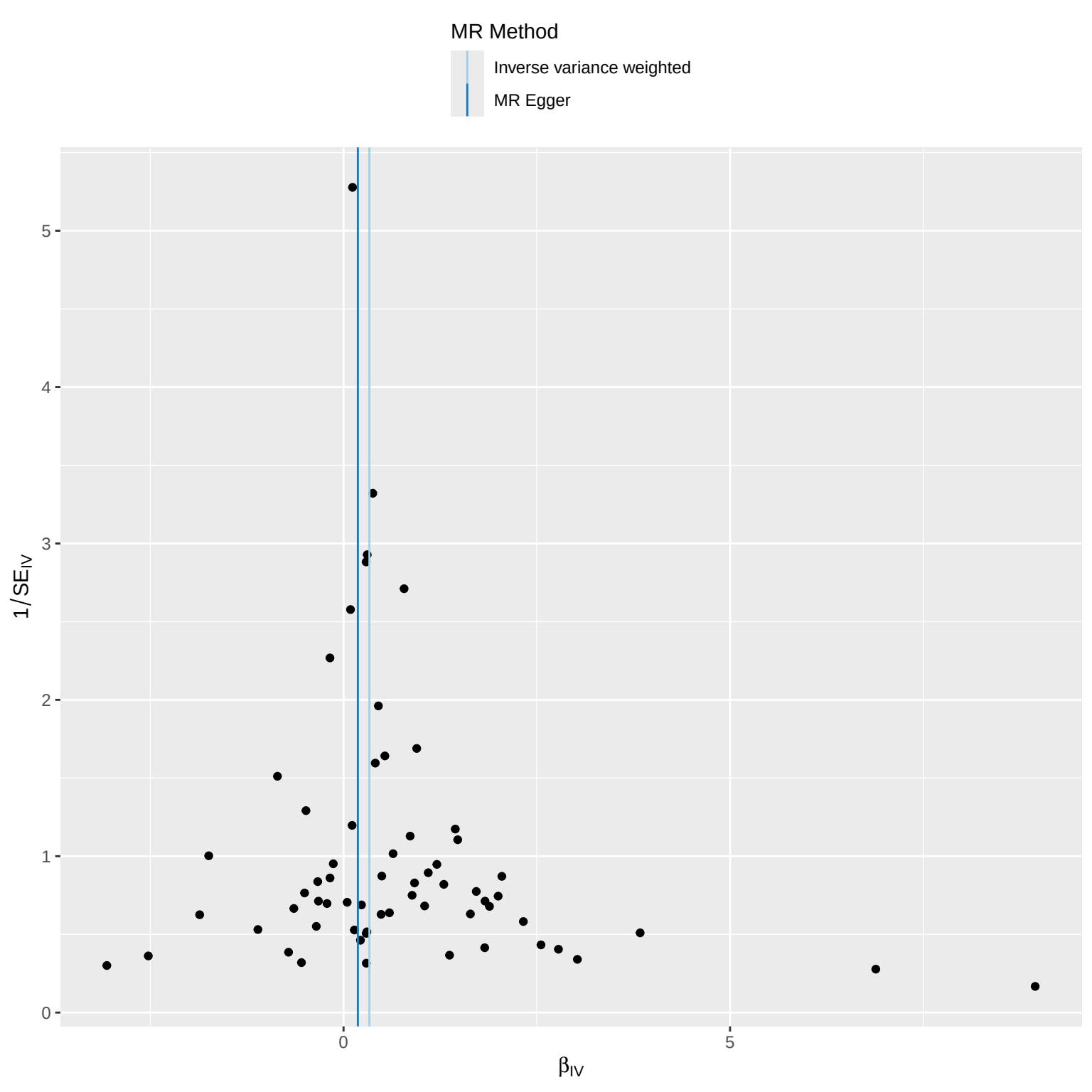

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
4
β_{IV}

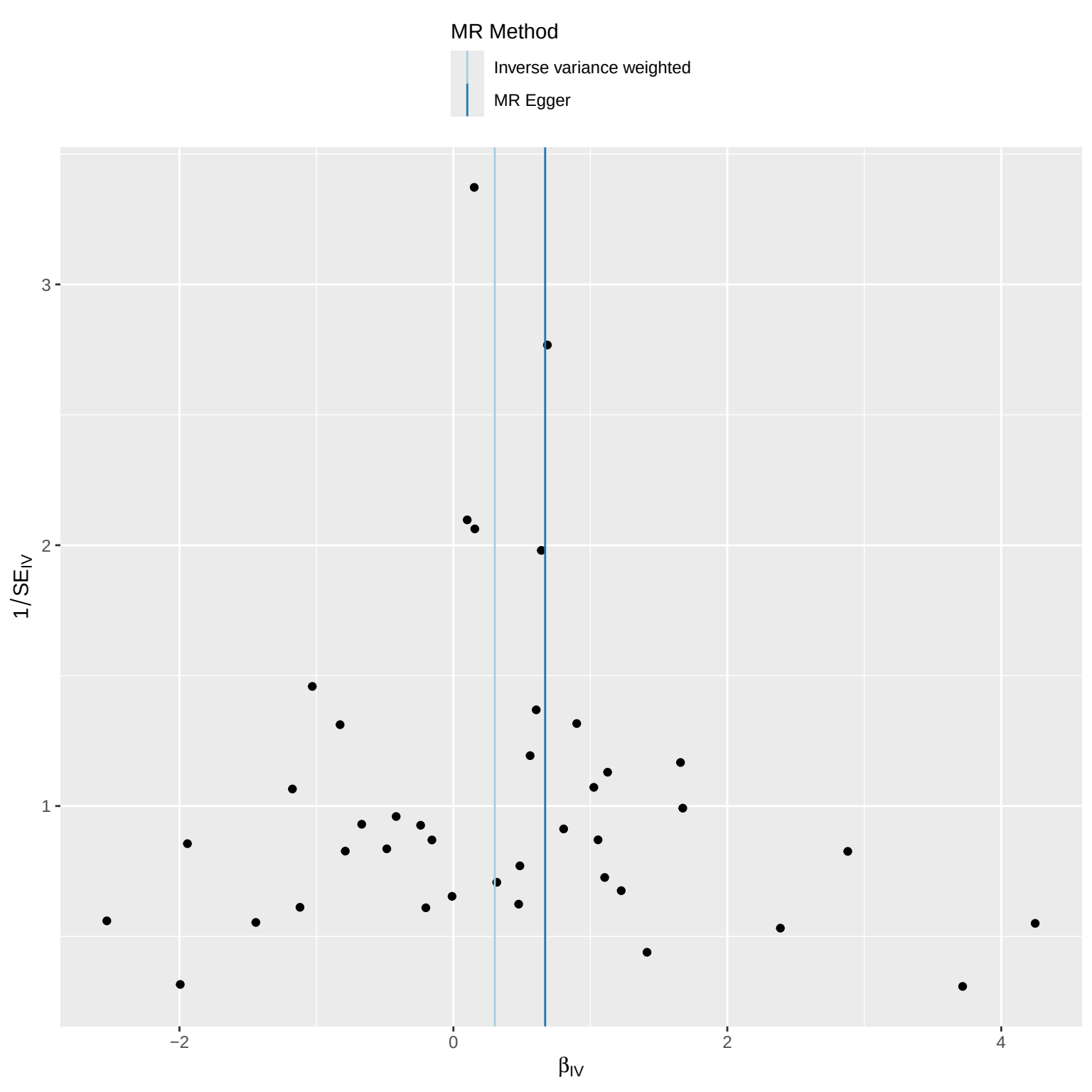

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

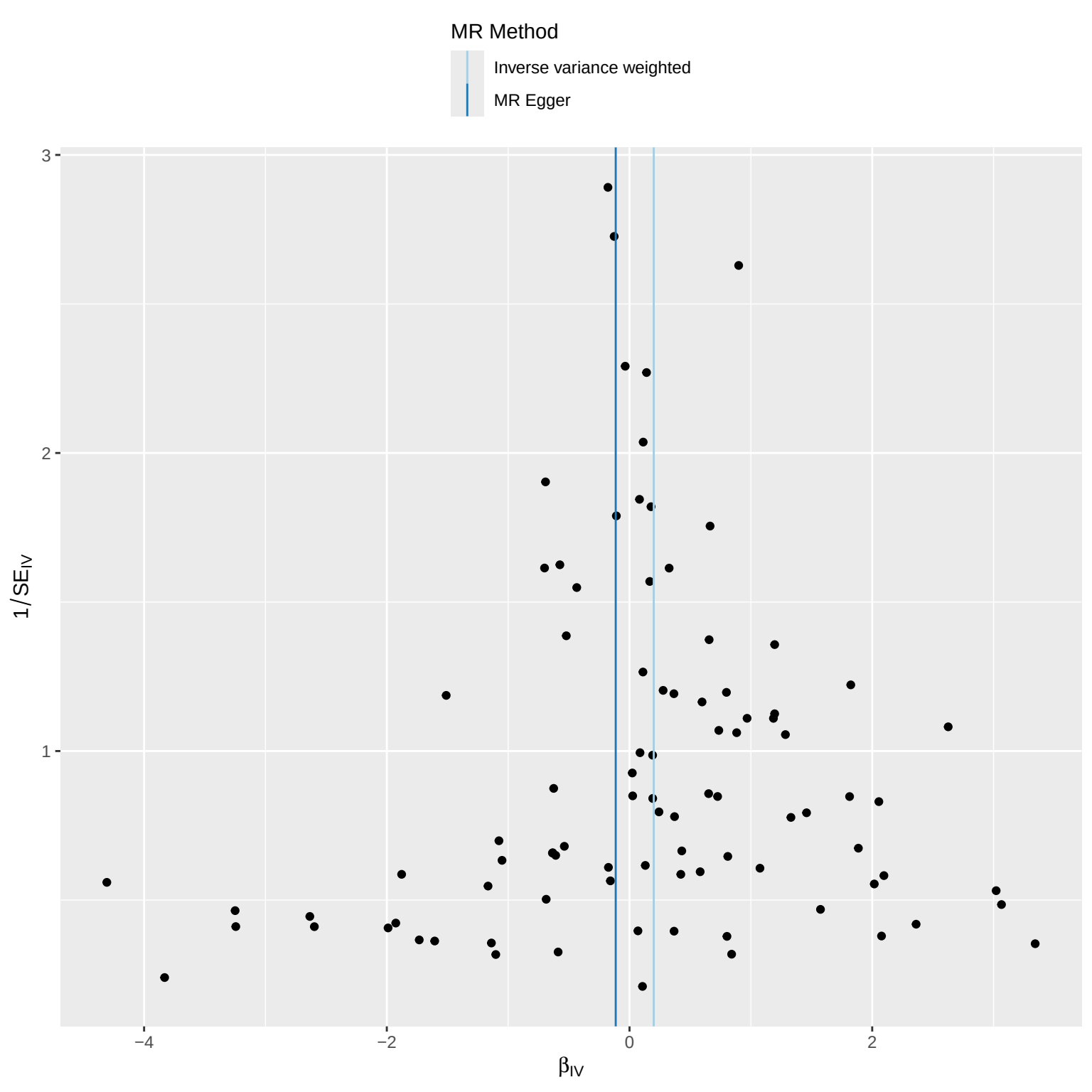

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−4
0
4
β_IV

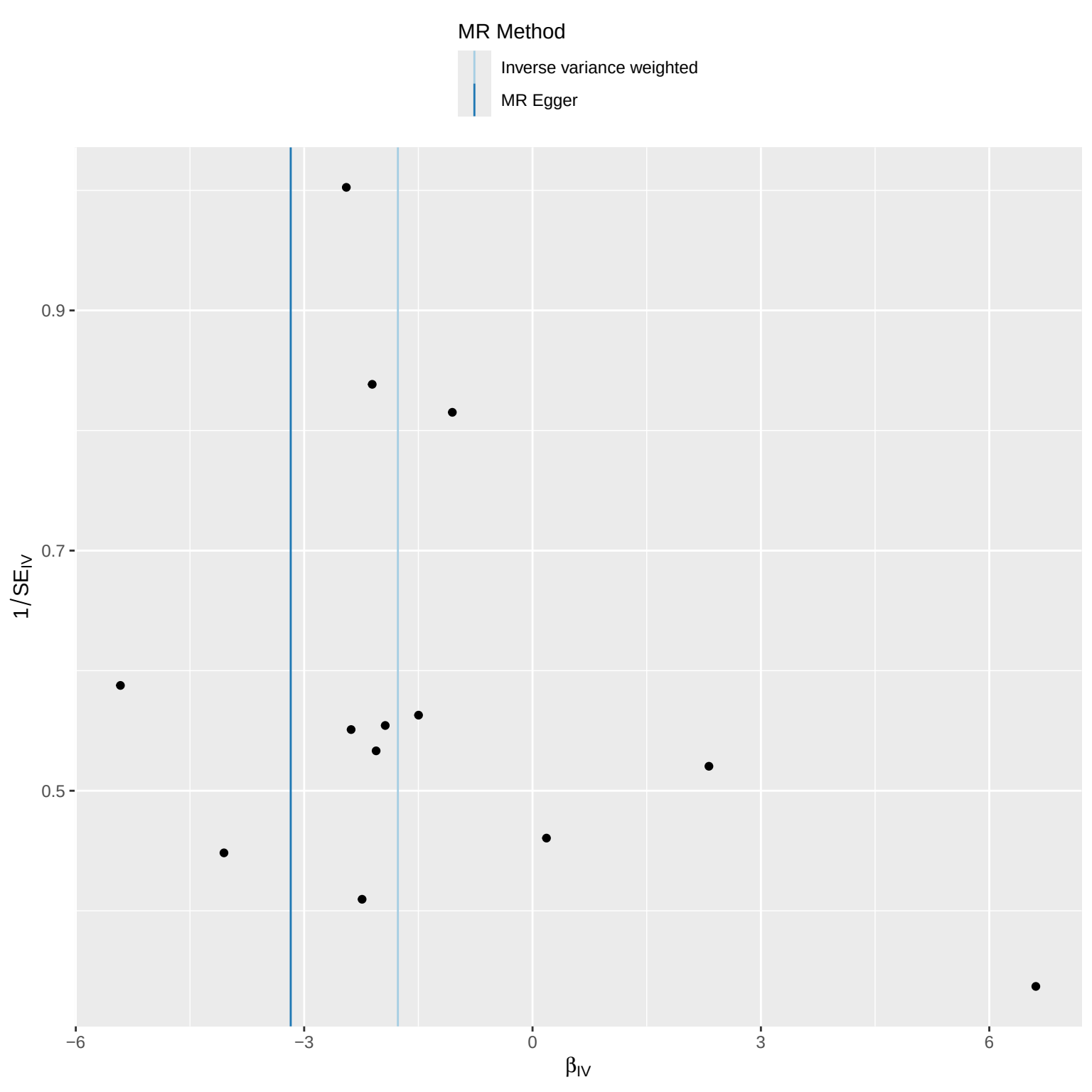

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

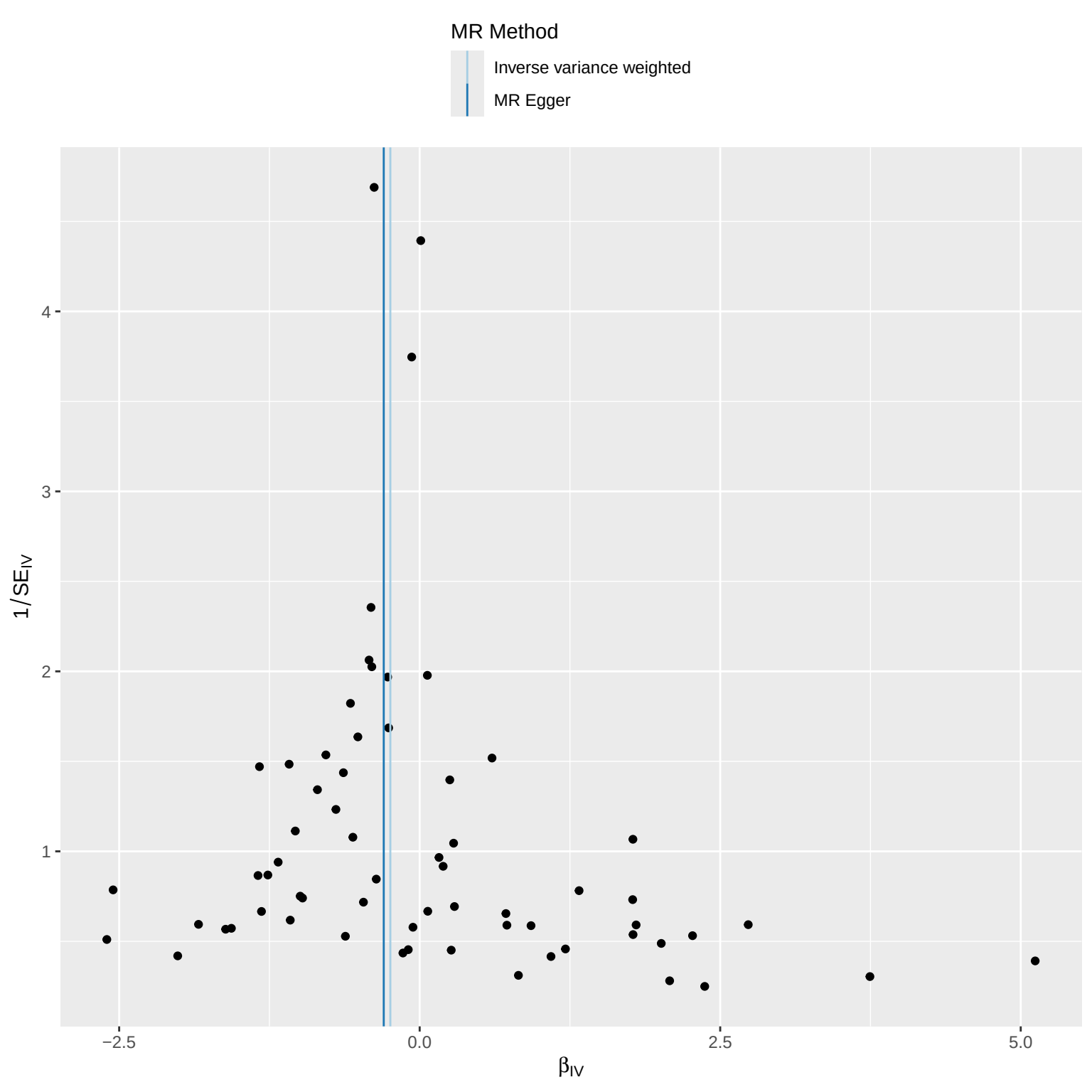

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

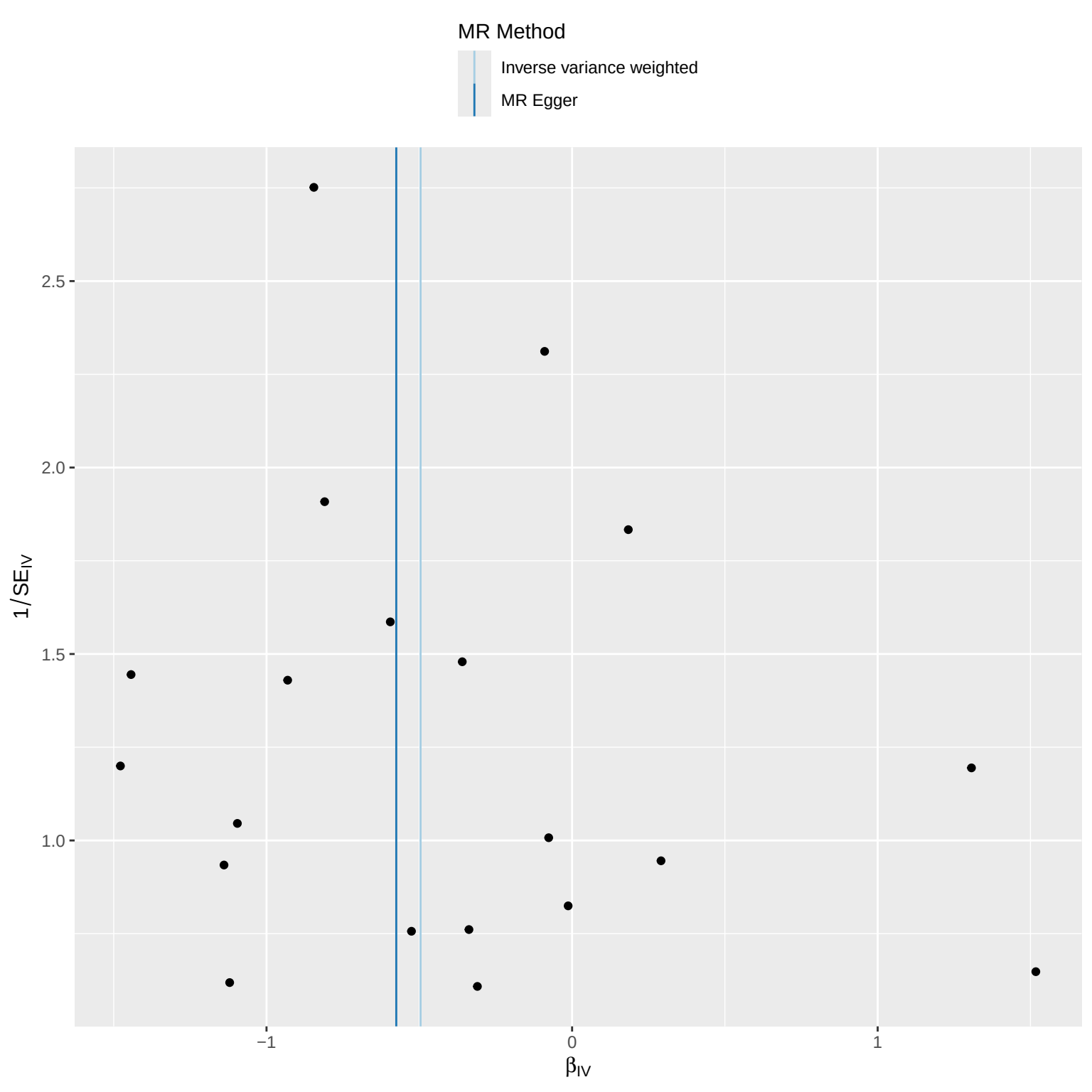

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
0
5
β_IV

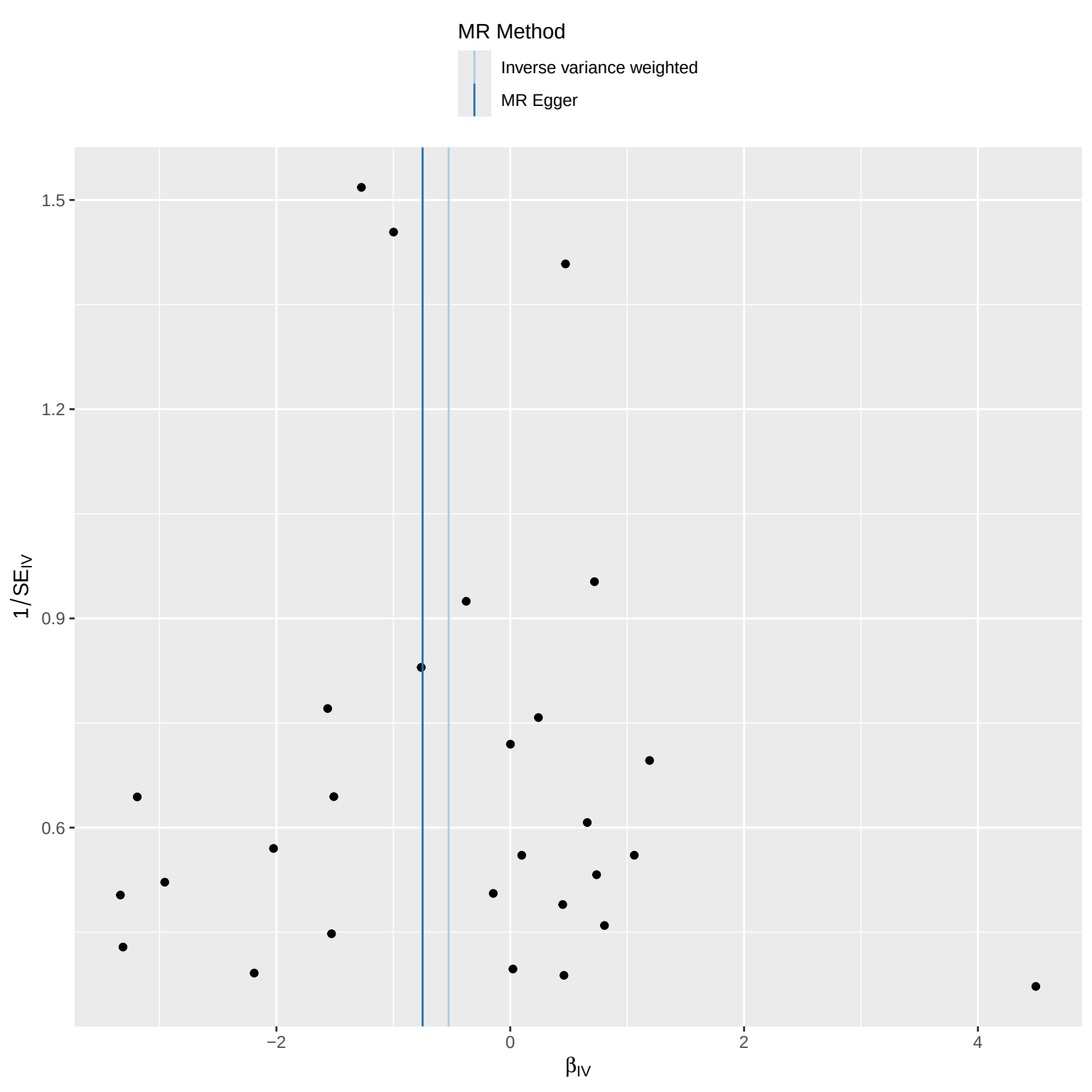

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

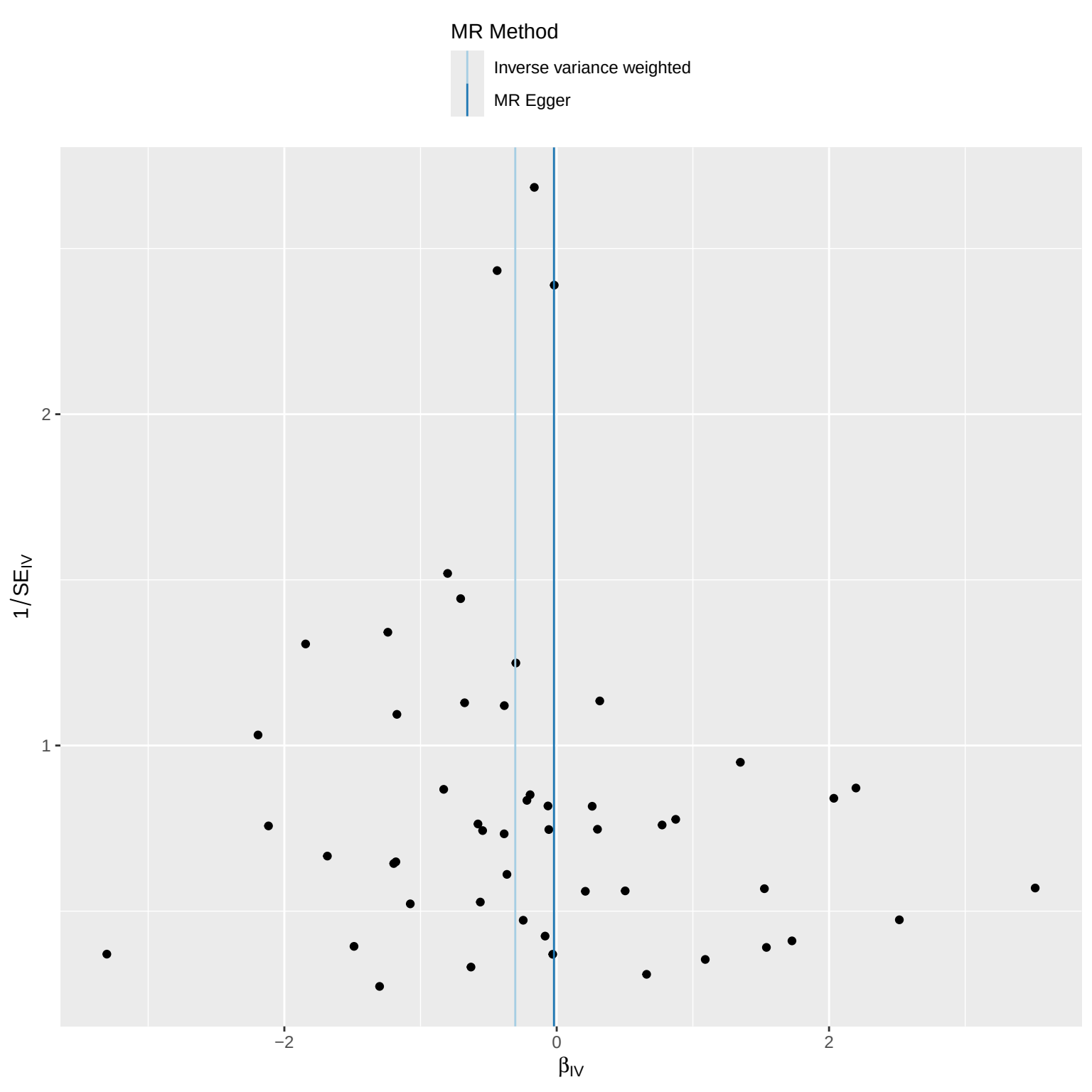

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

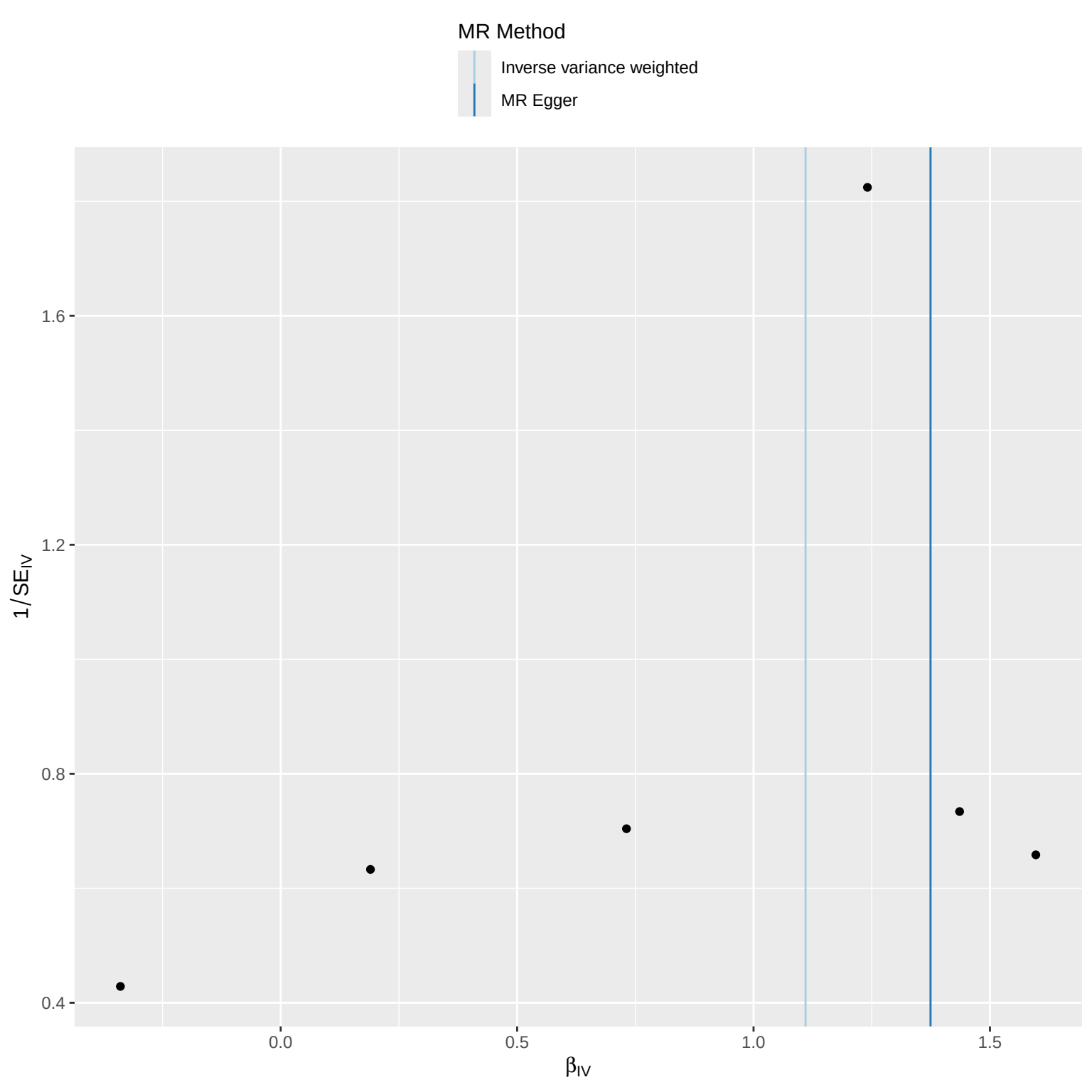

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
1/SE_IV
−6
−3
0
3
6
β_IV

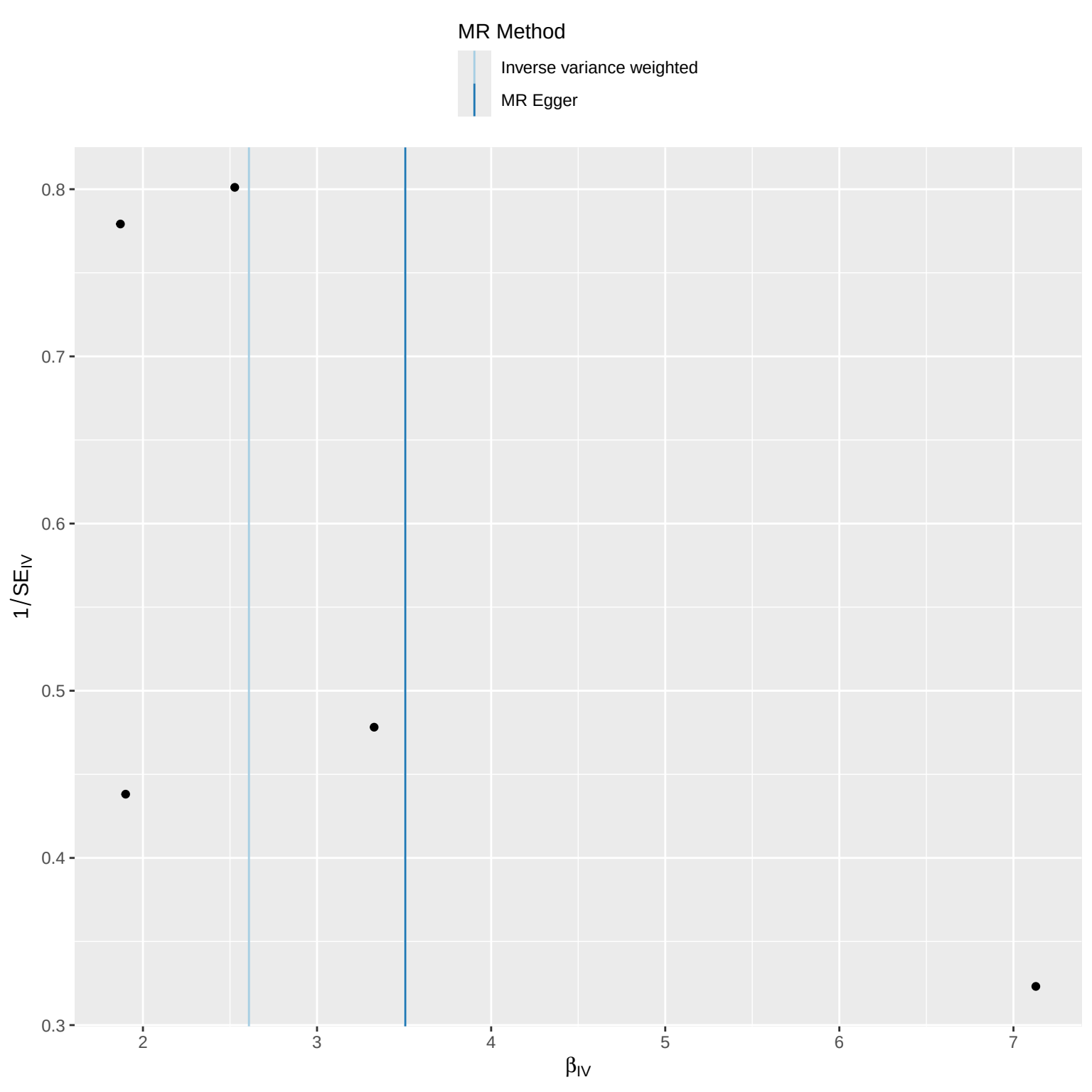

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

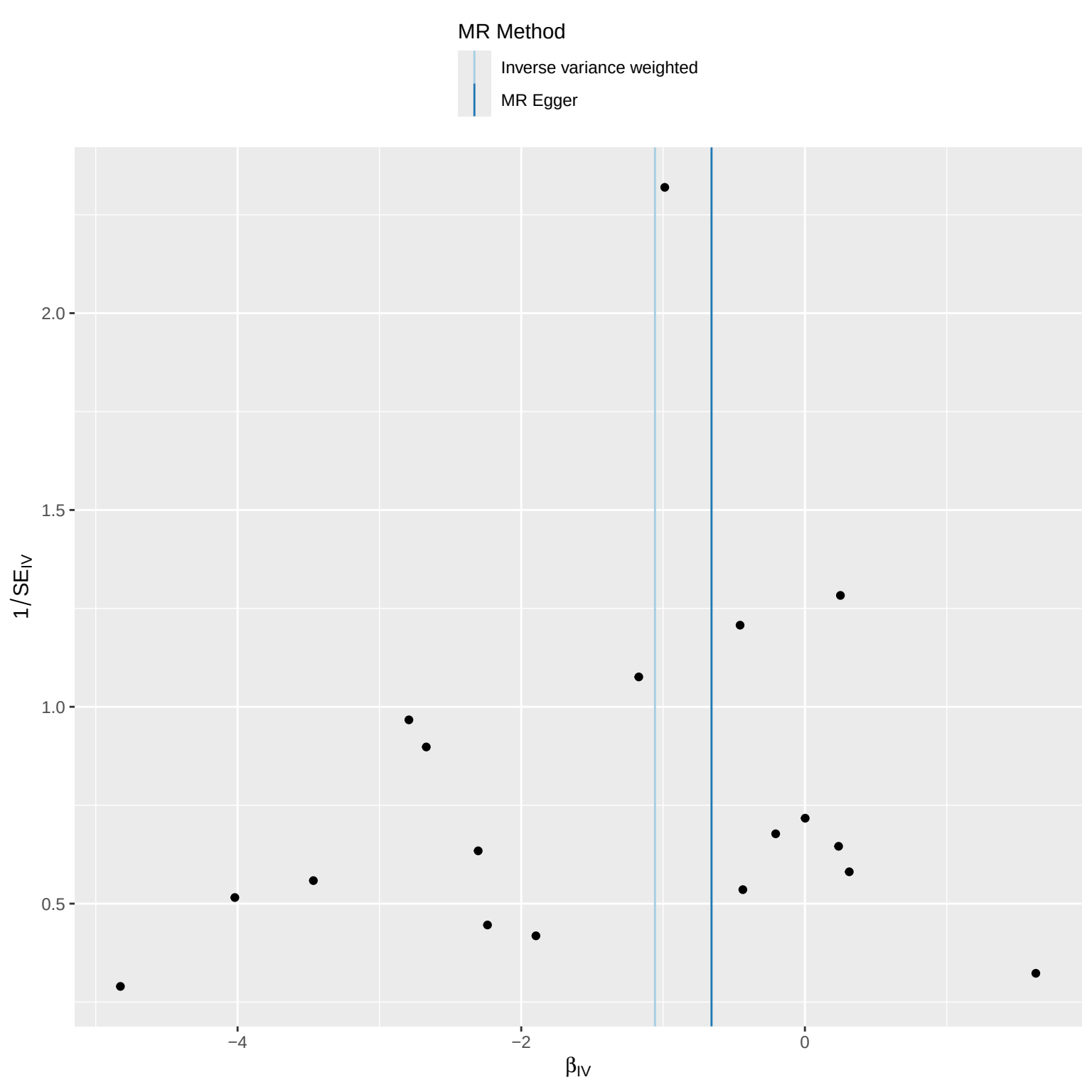

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

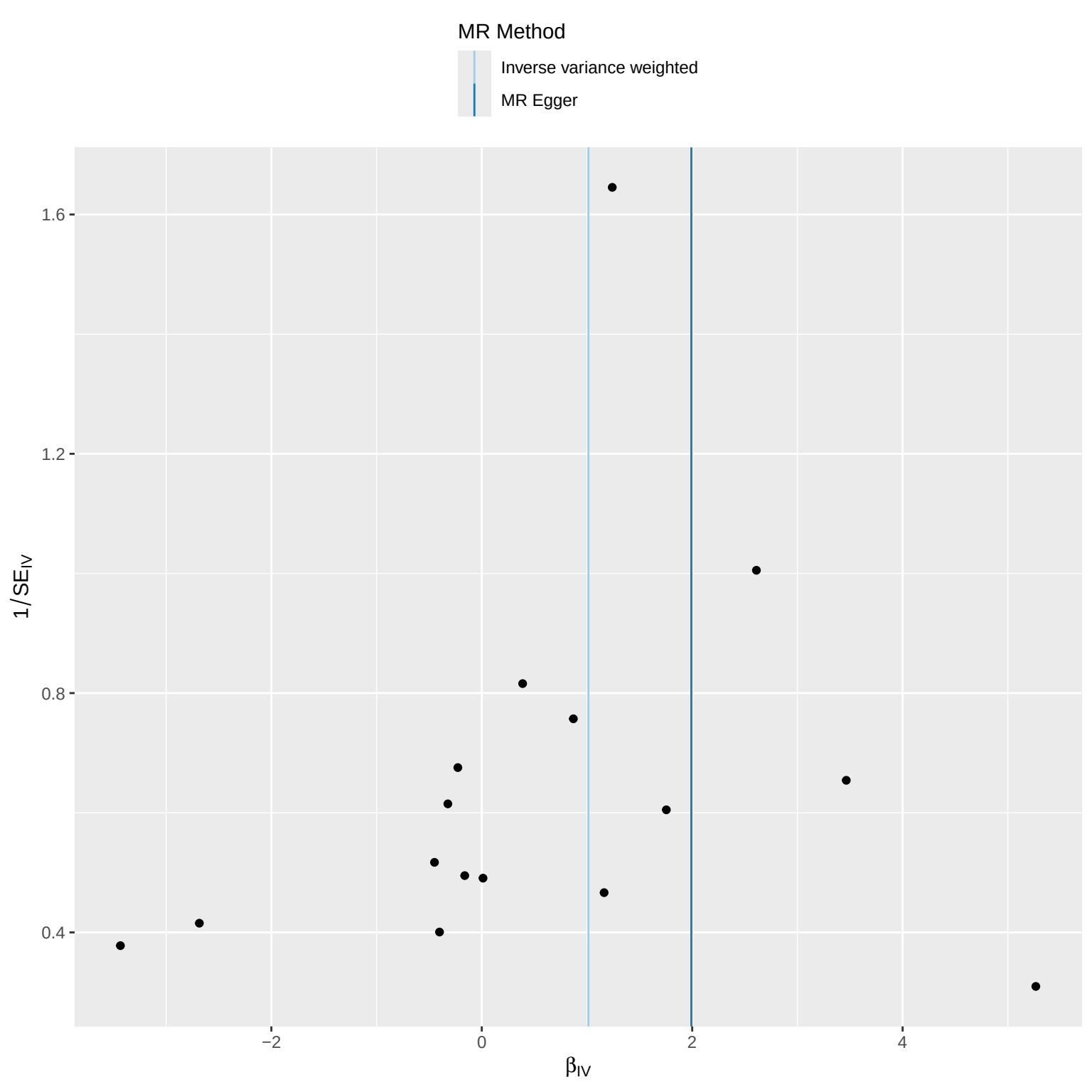

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
0
2
4
β_IV

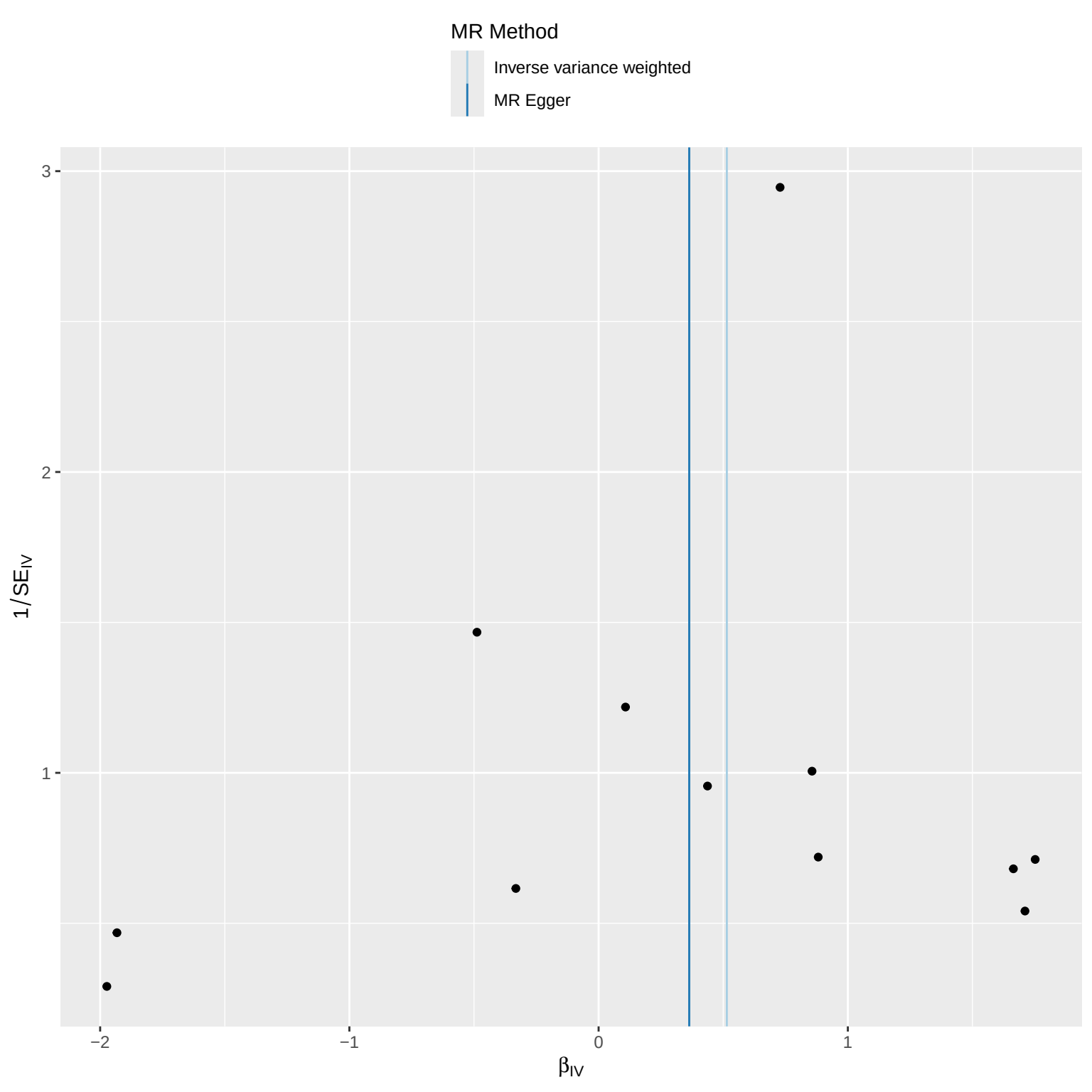

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

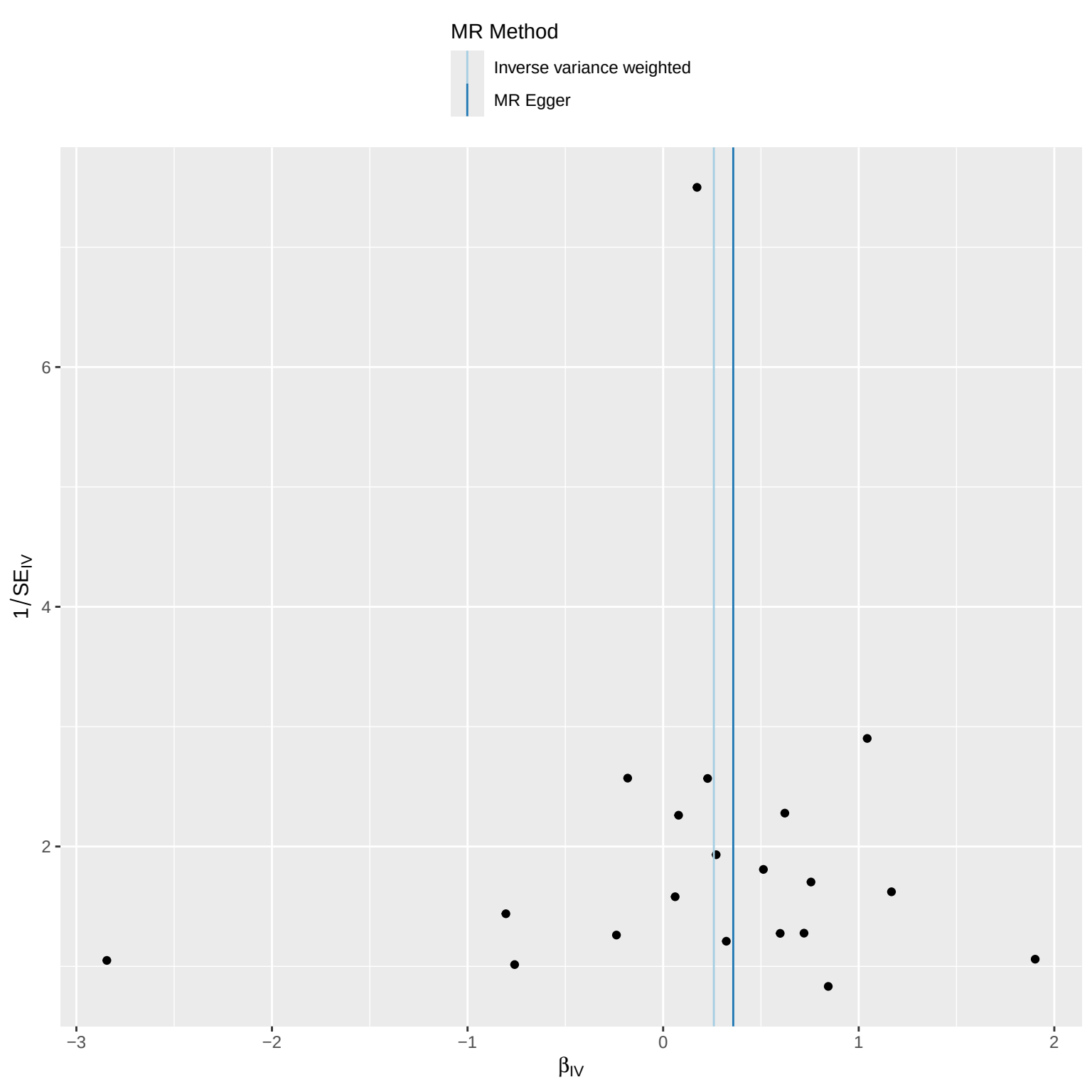

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

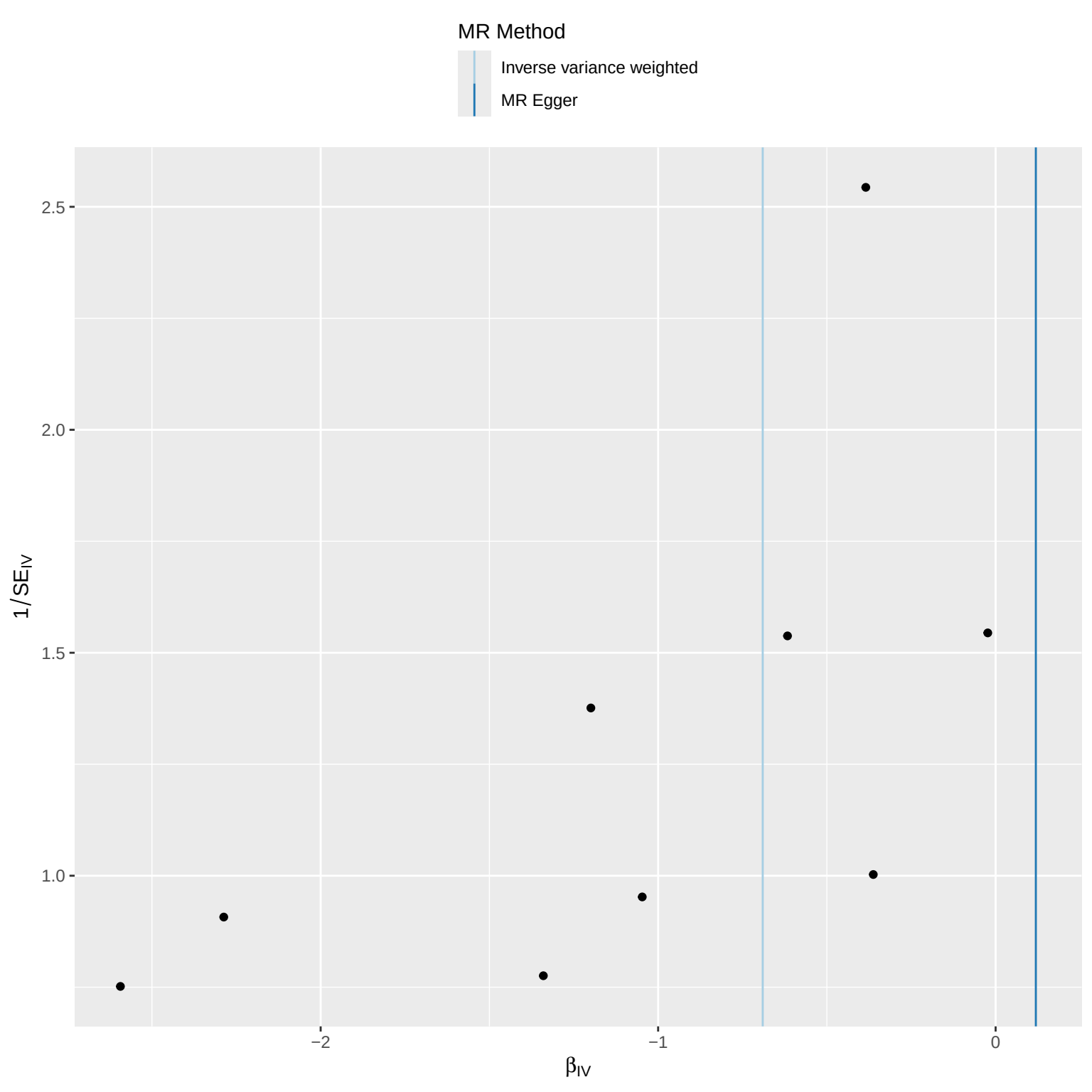

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
0.3
1/SE_IV
2
3
4
5
6
7
β_IV

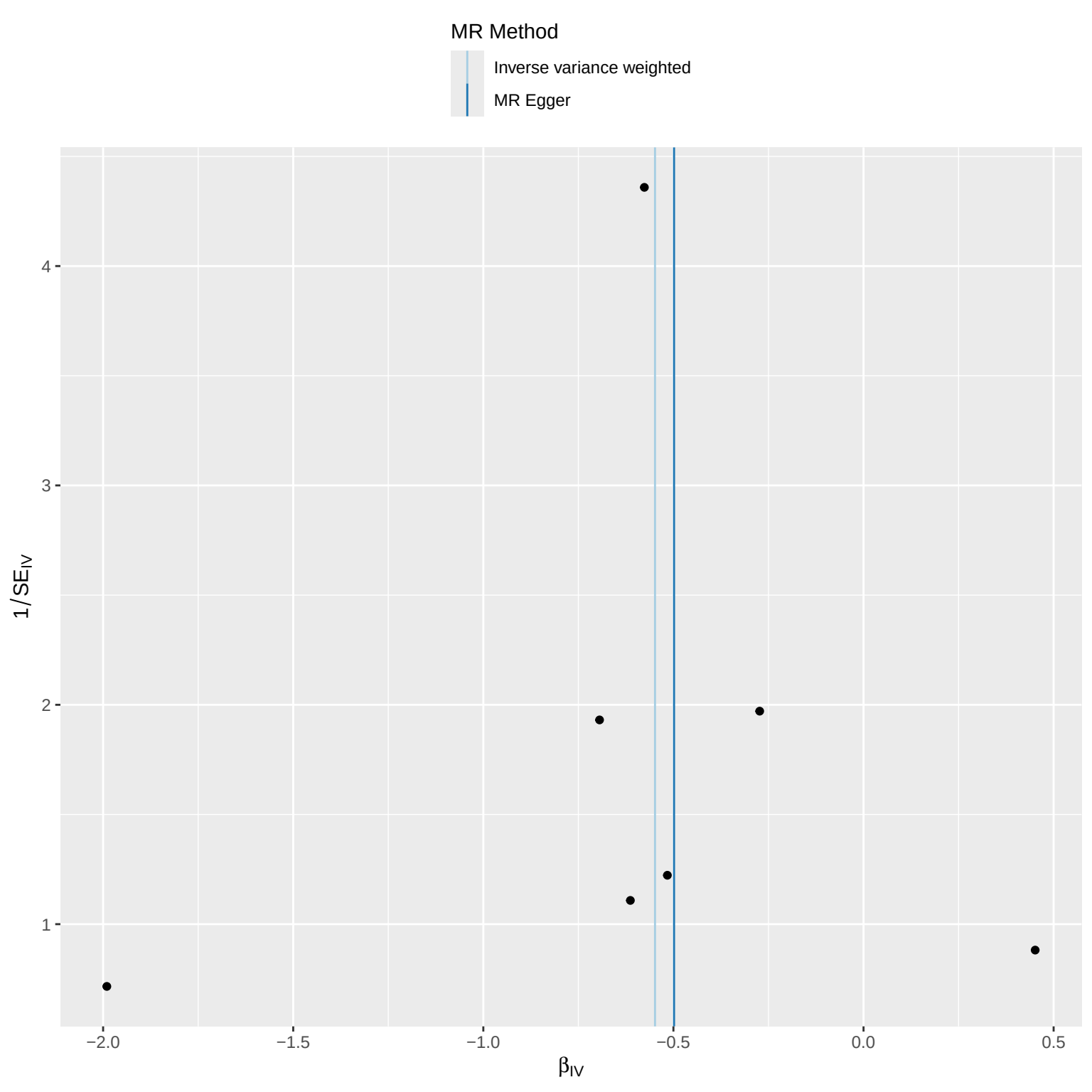

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

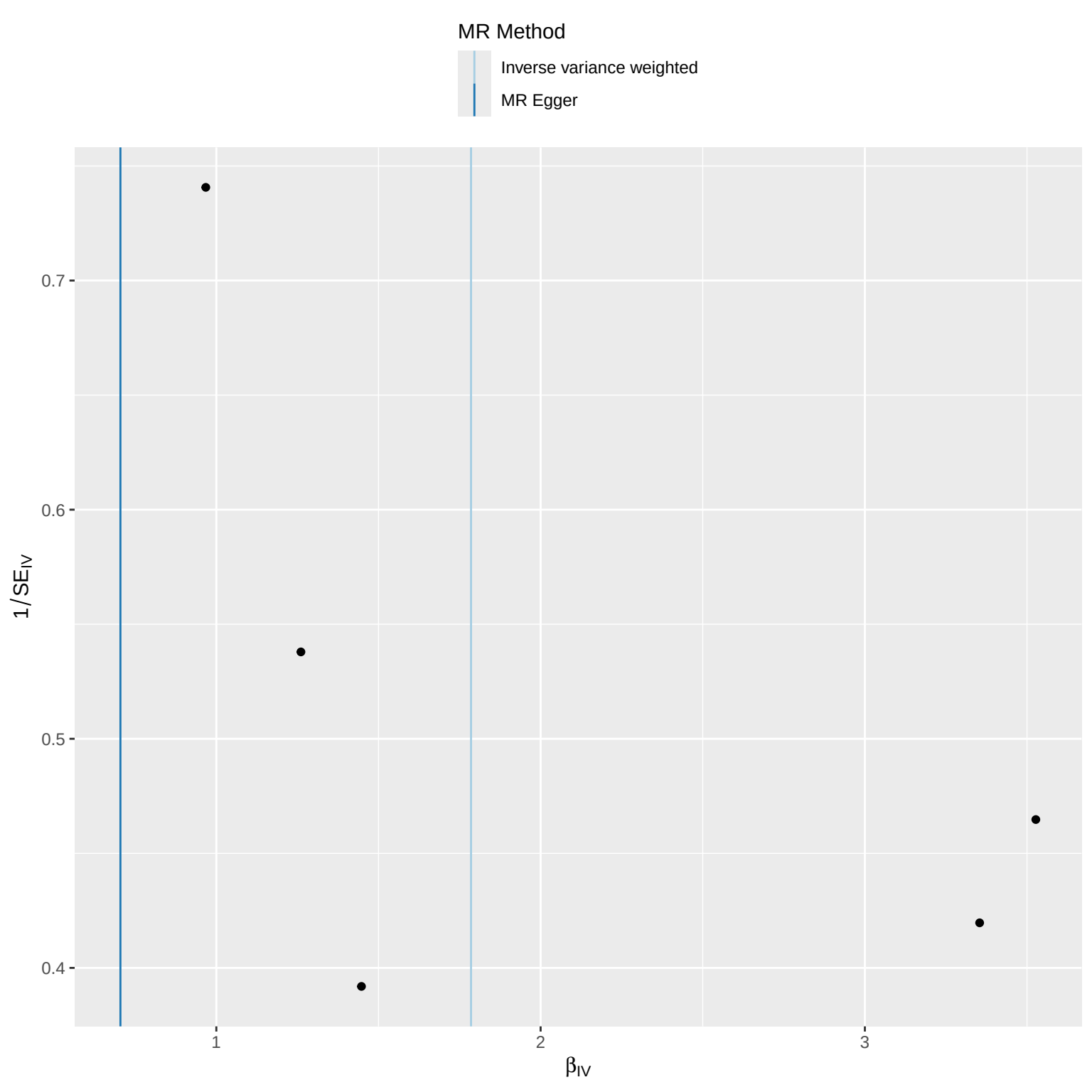

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

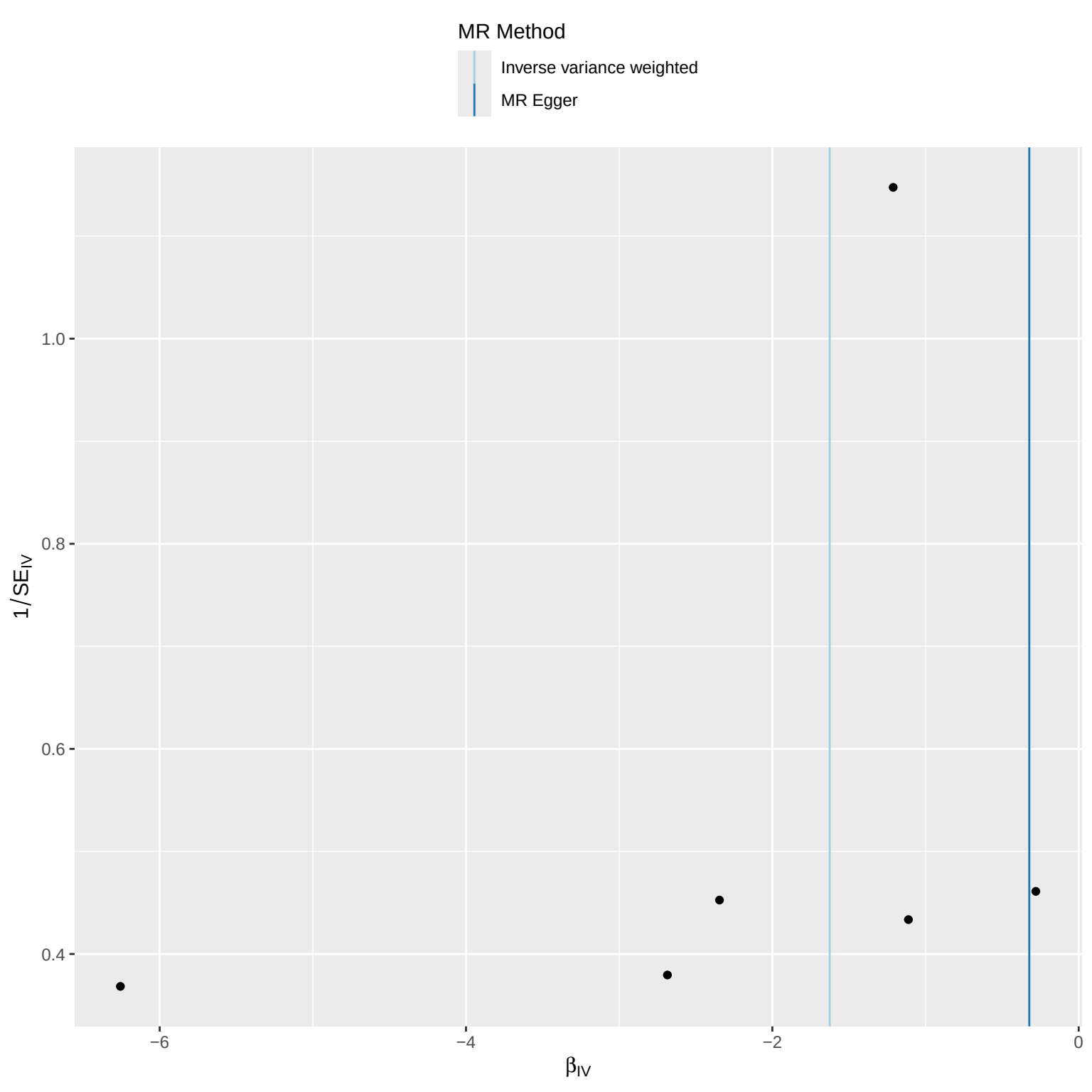

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

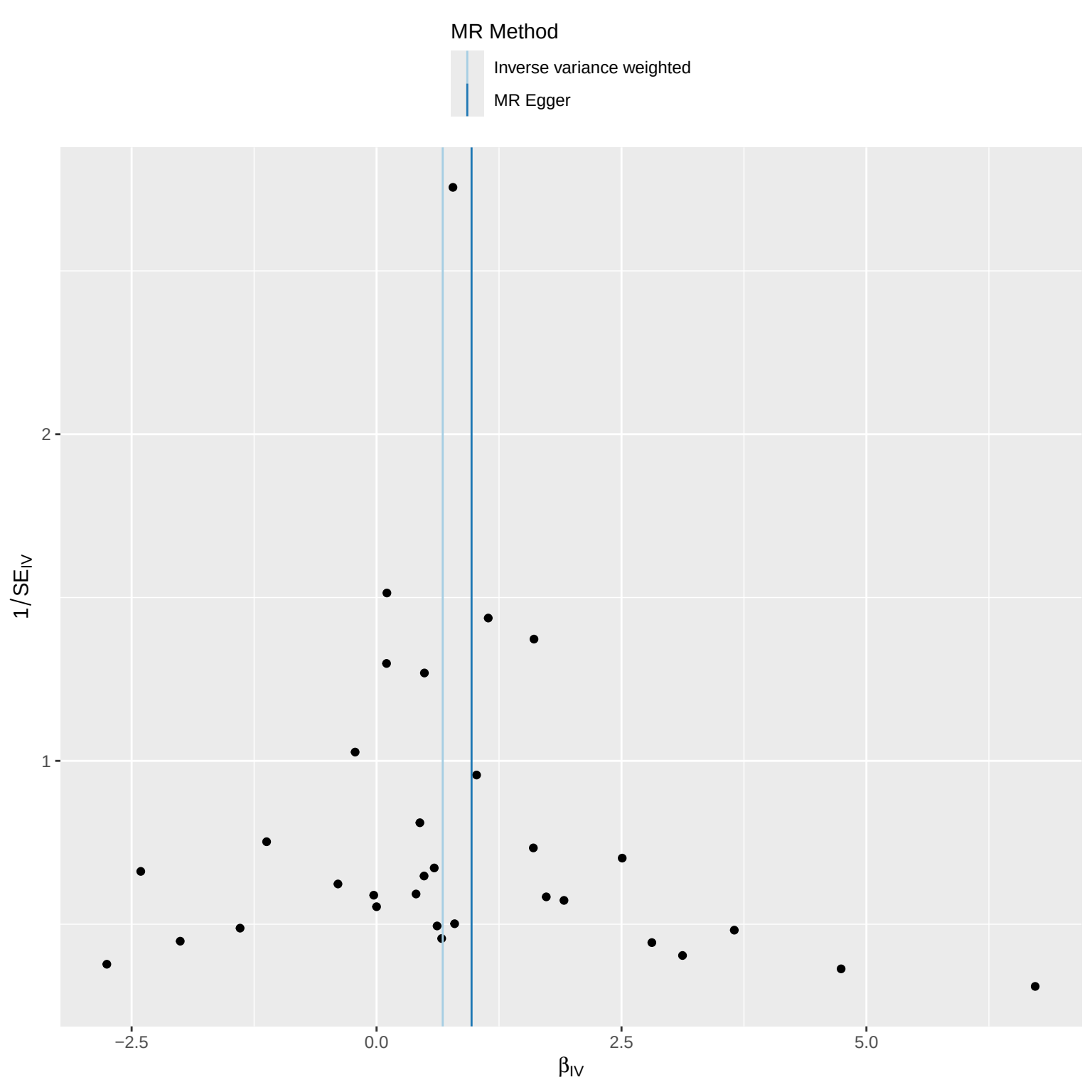

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

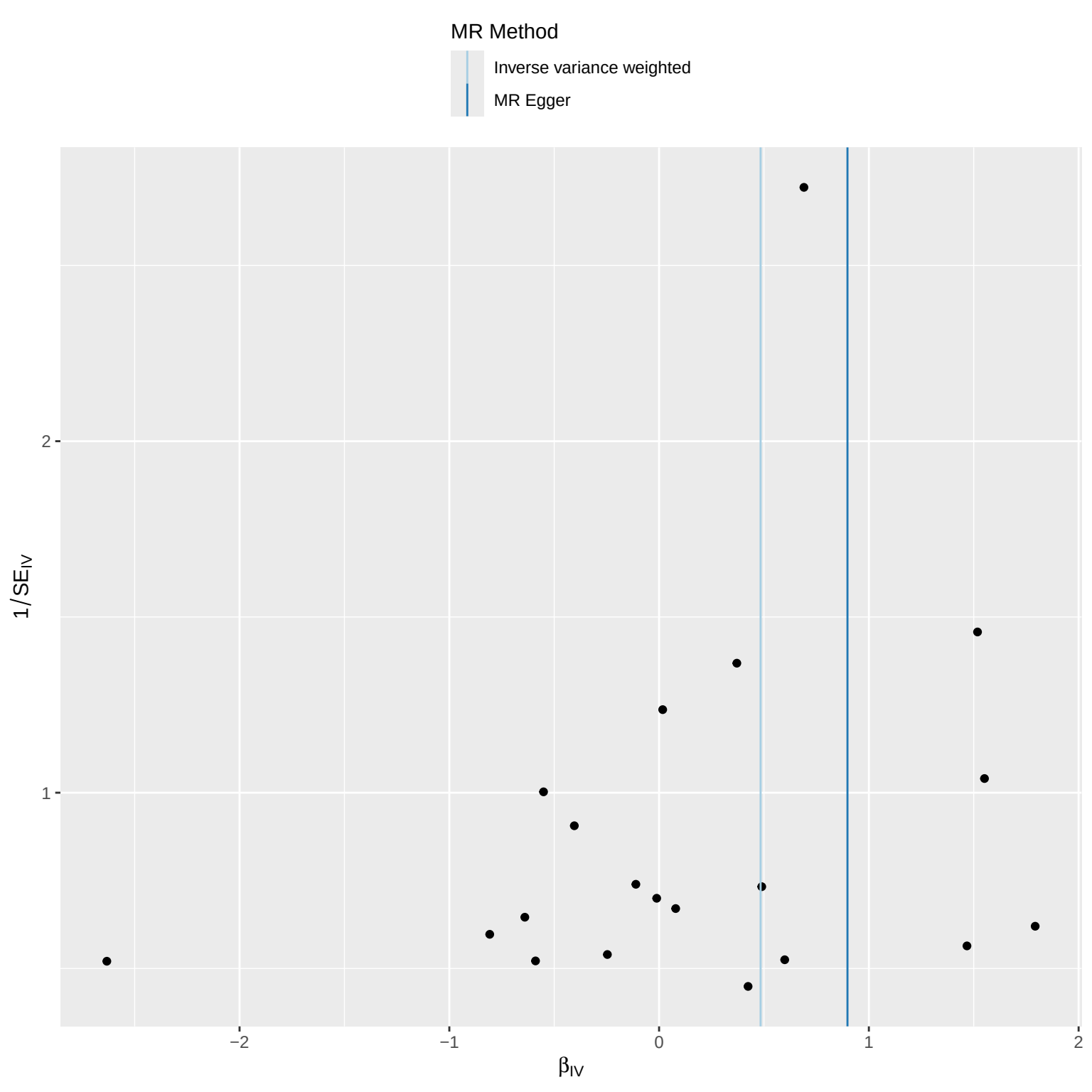

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

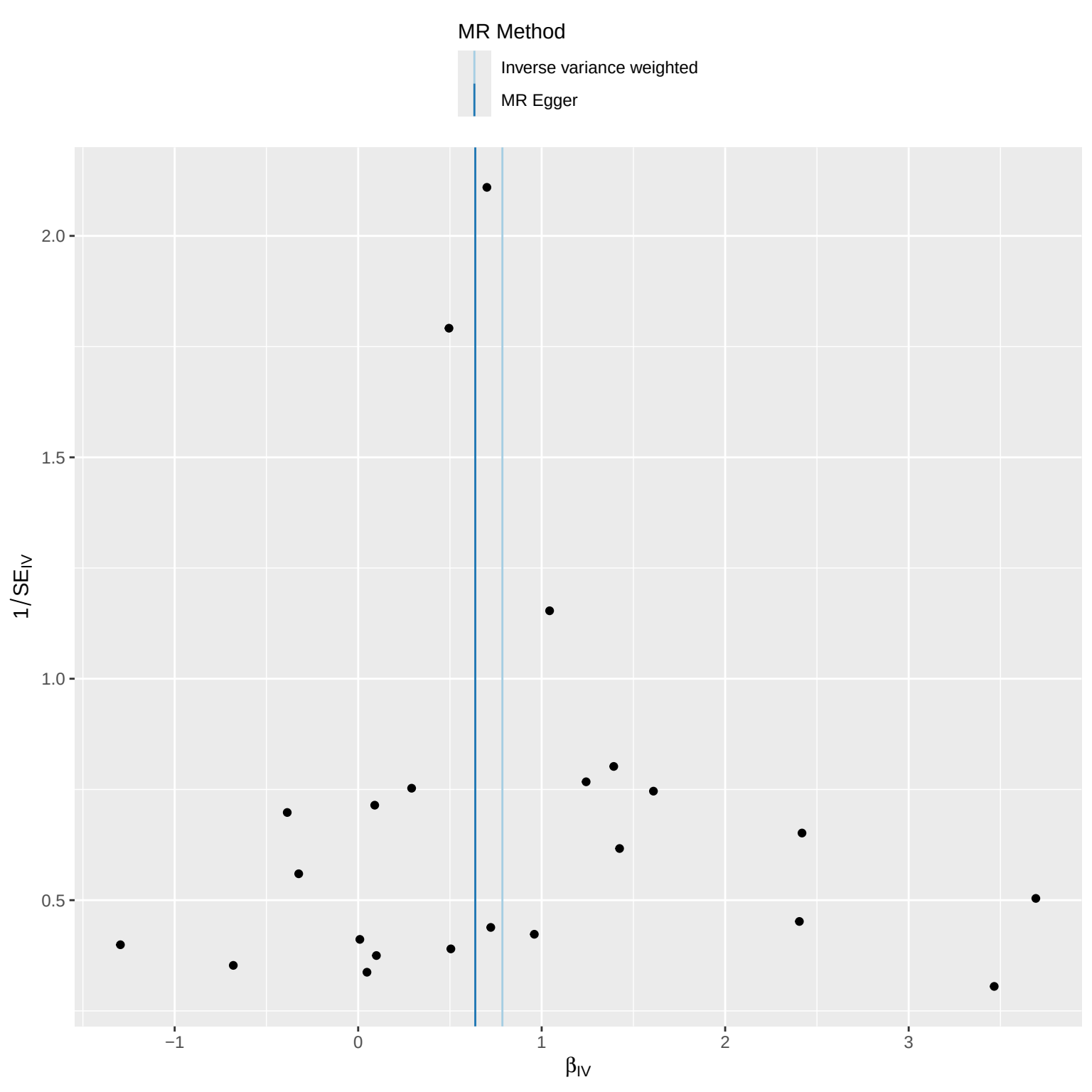

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

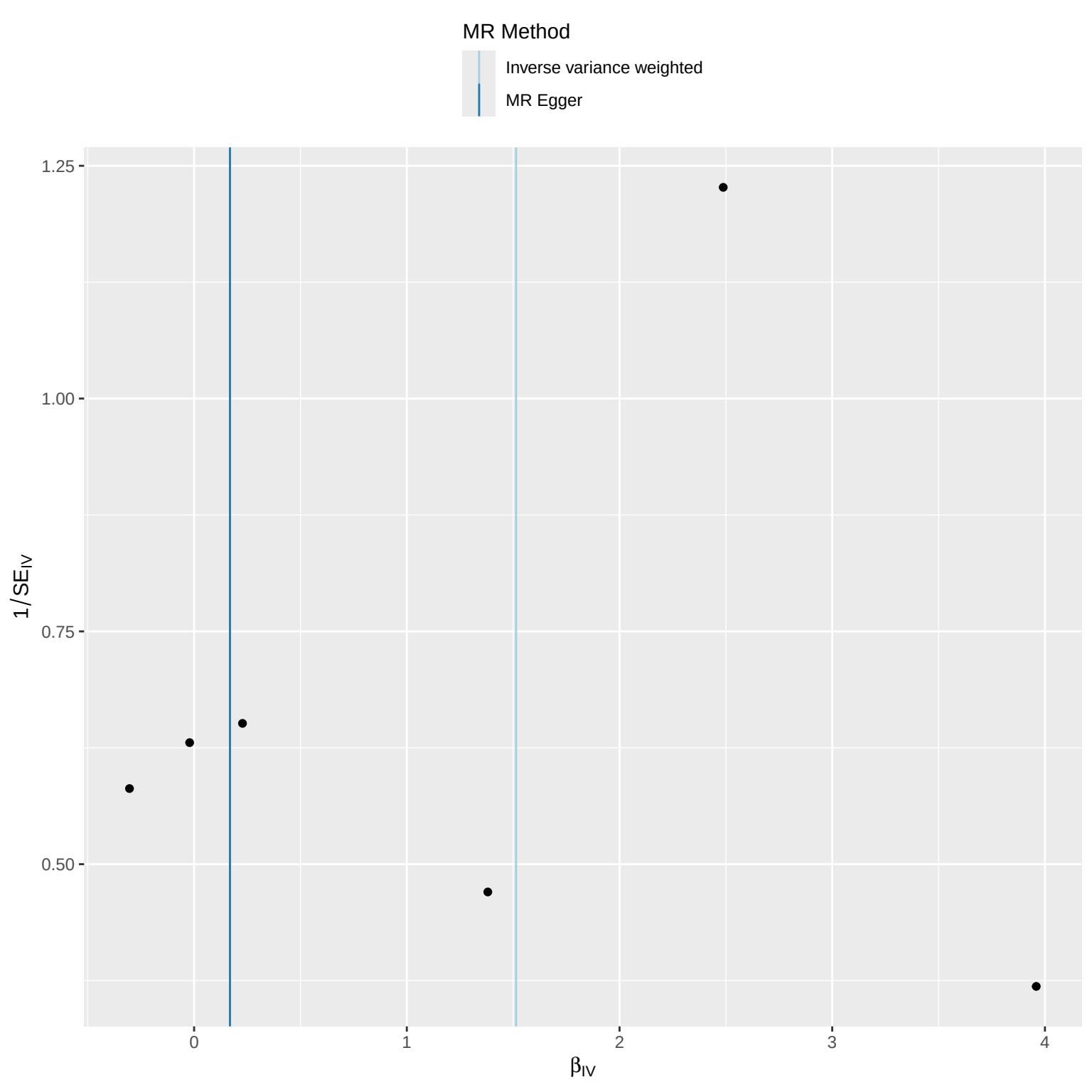

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
1
2
3
β_IV

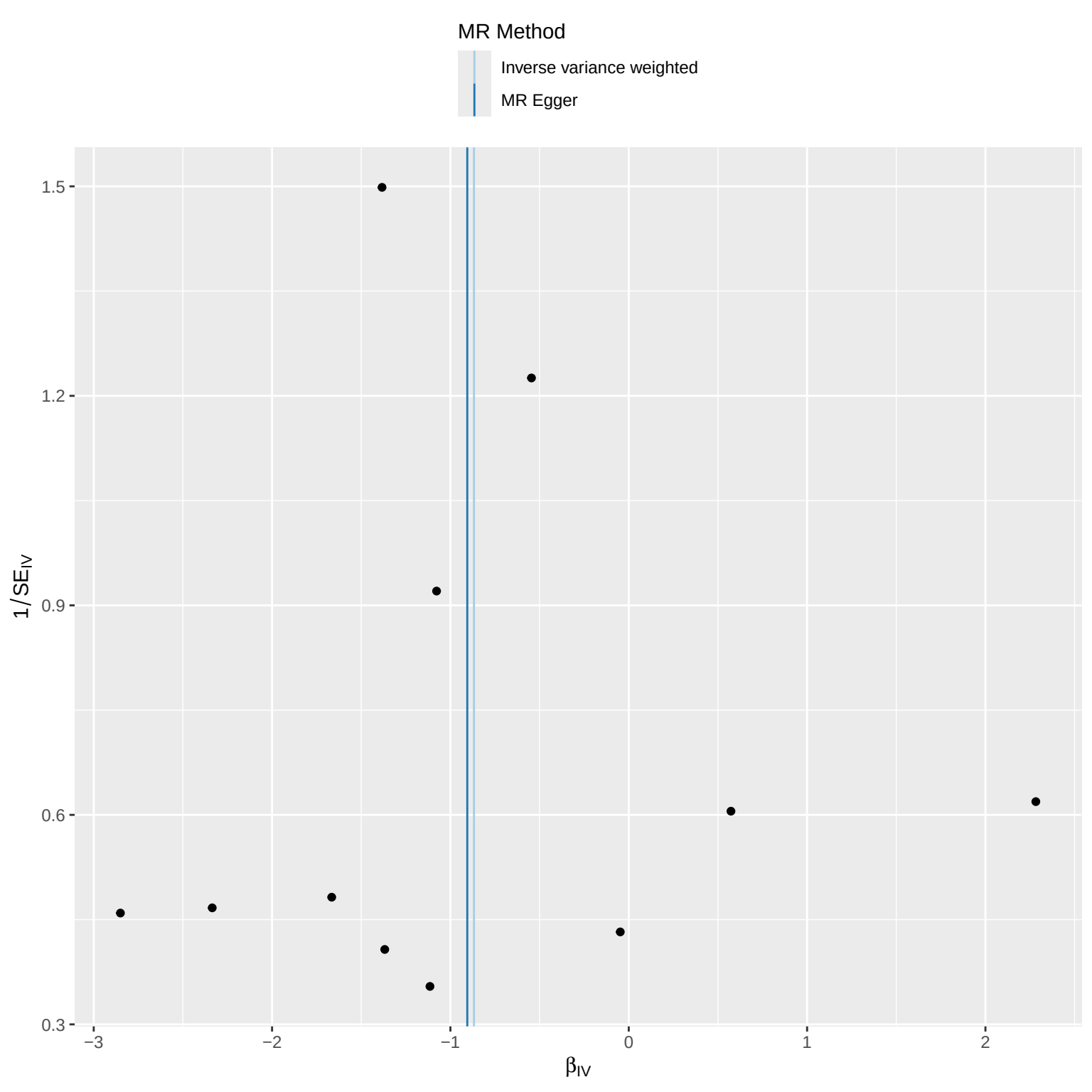

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
β_IV

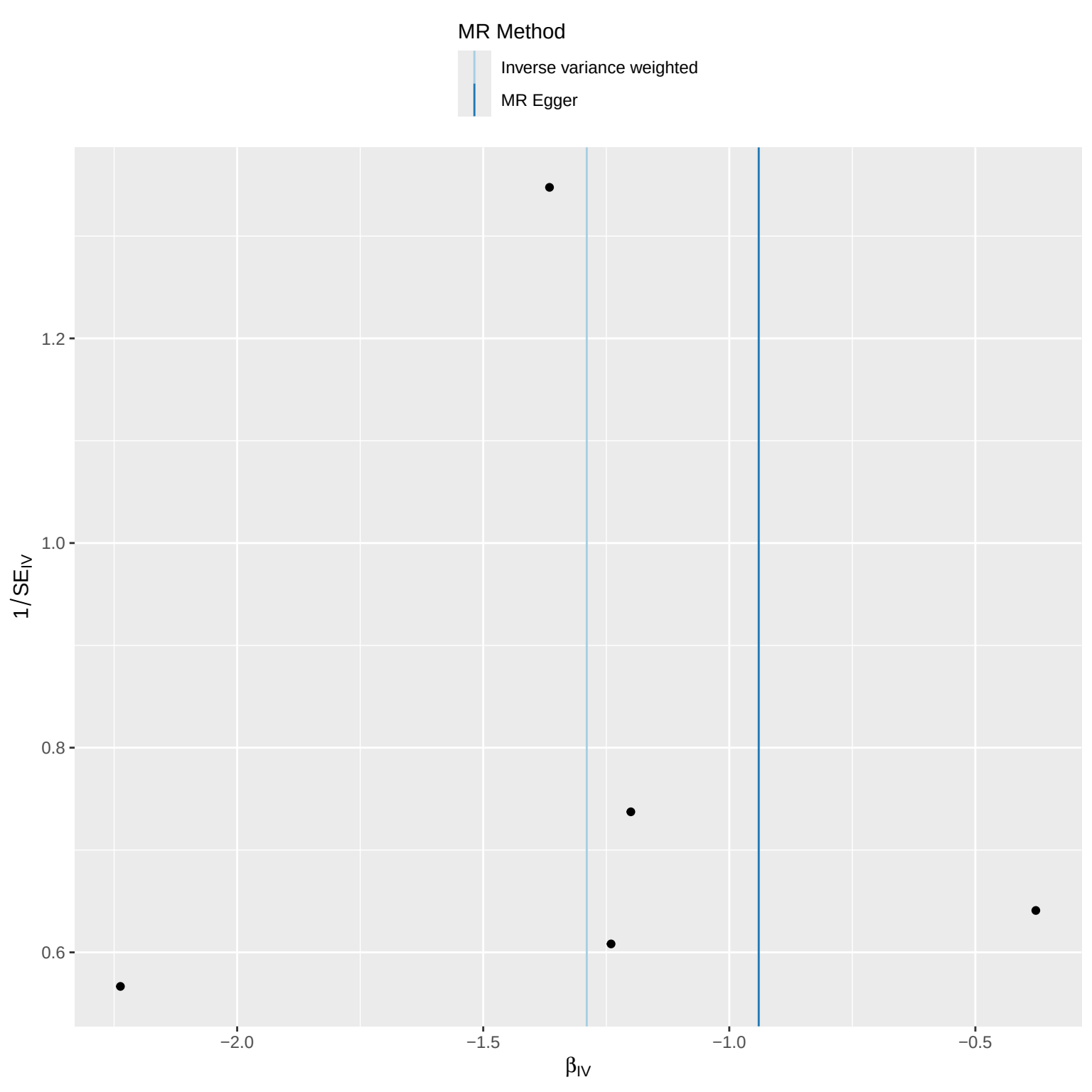

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

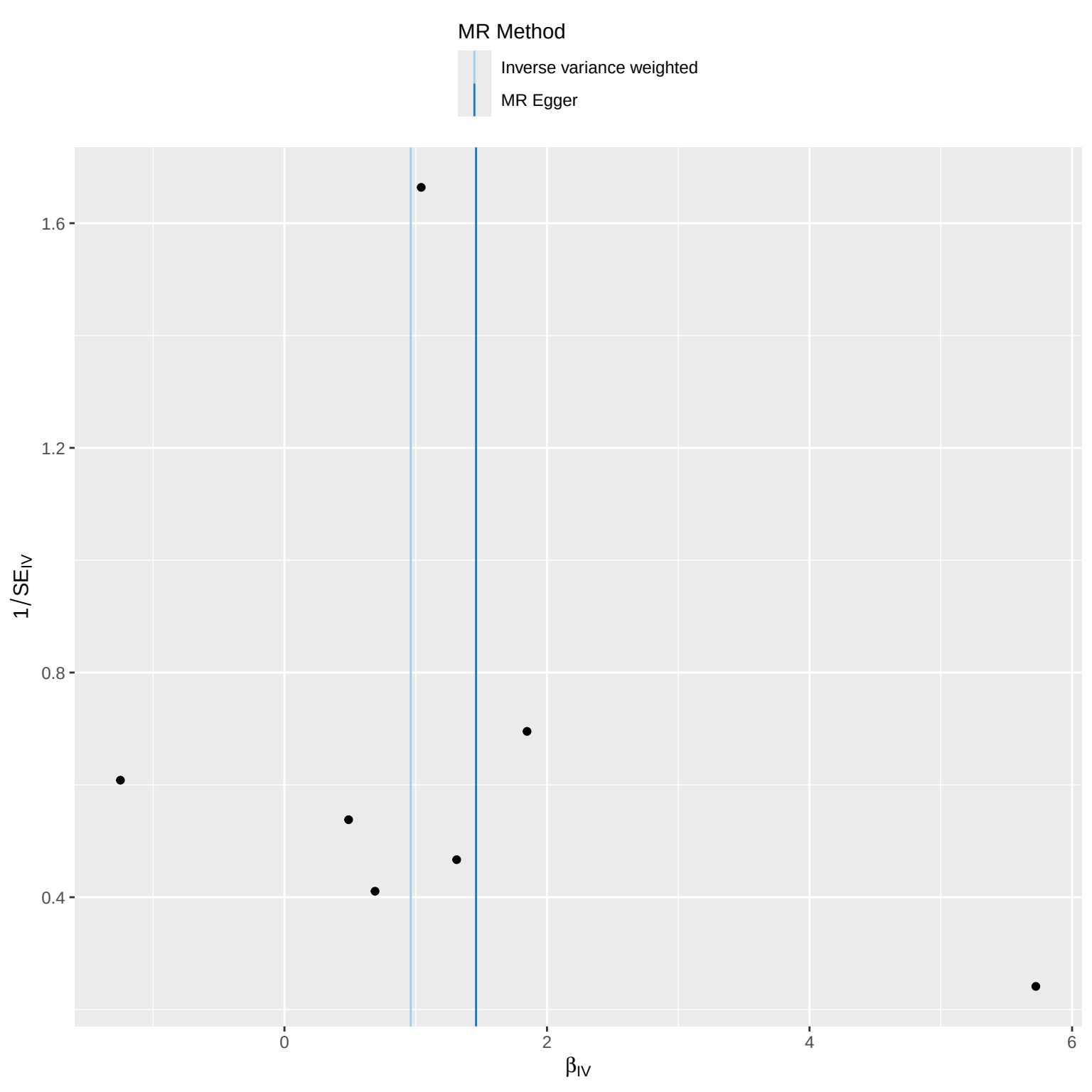

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

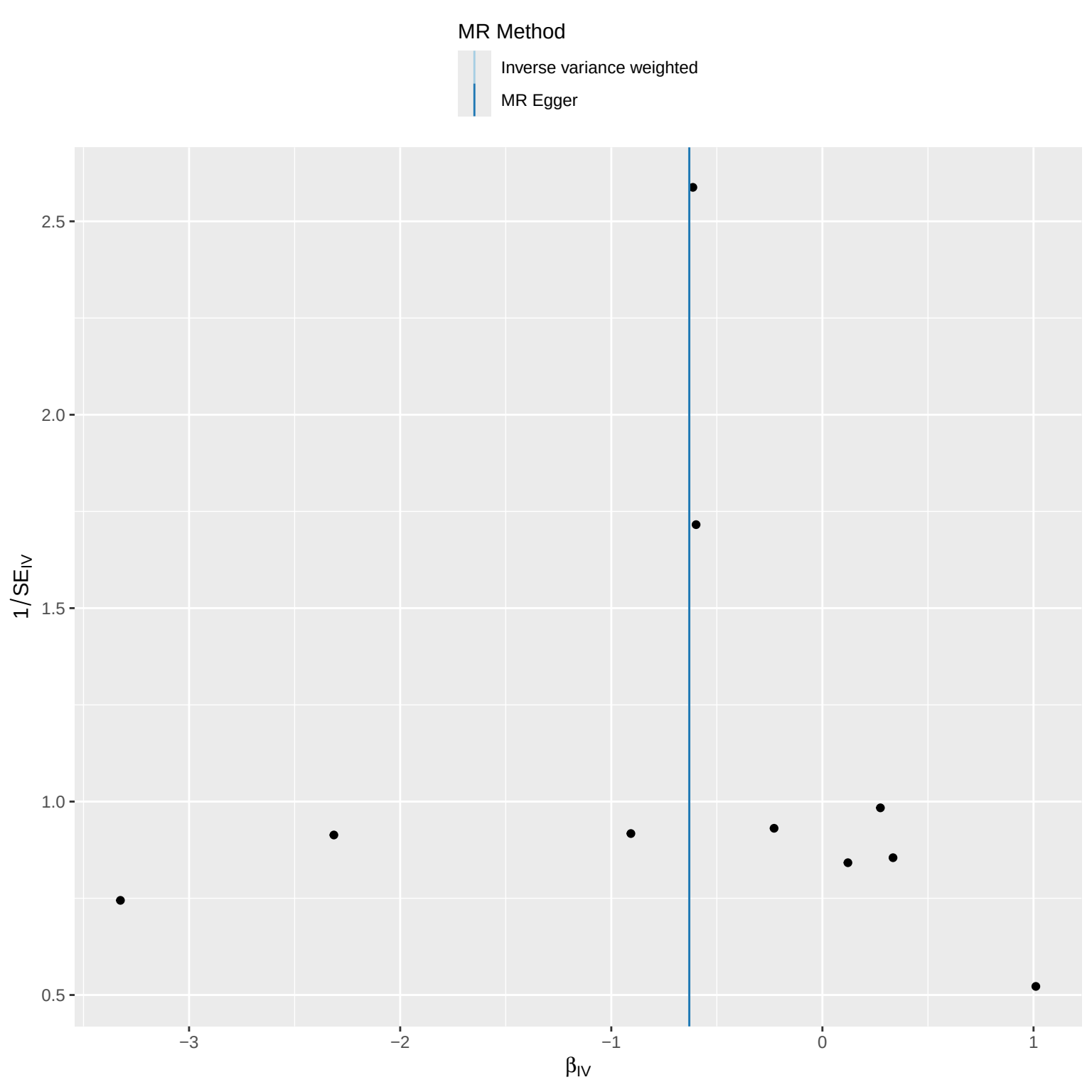

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

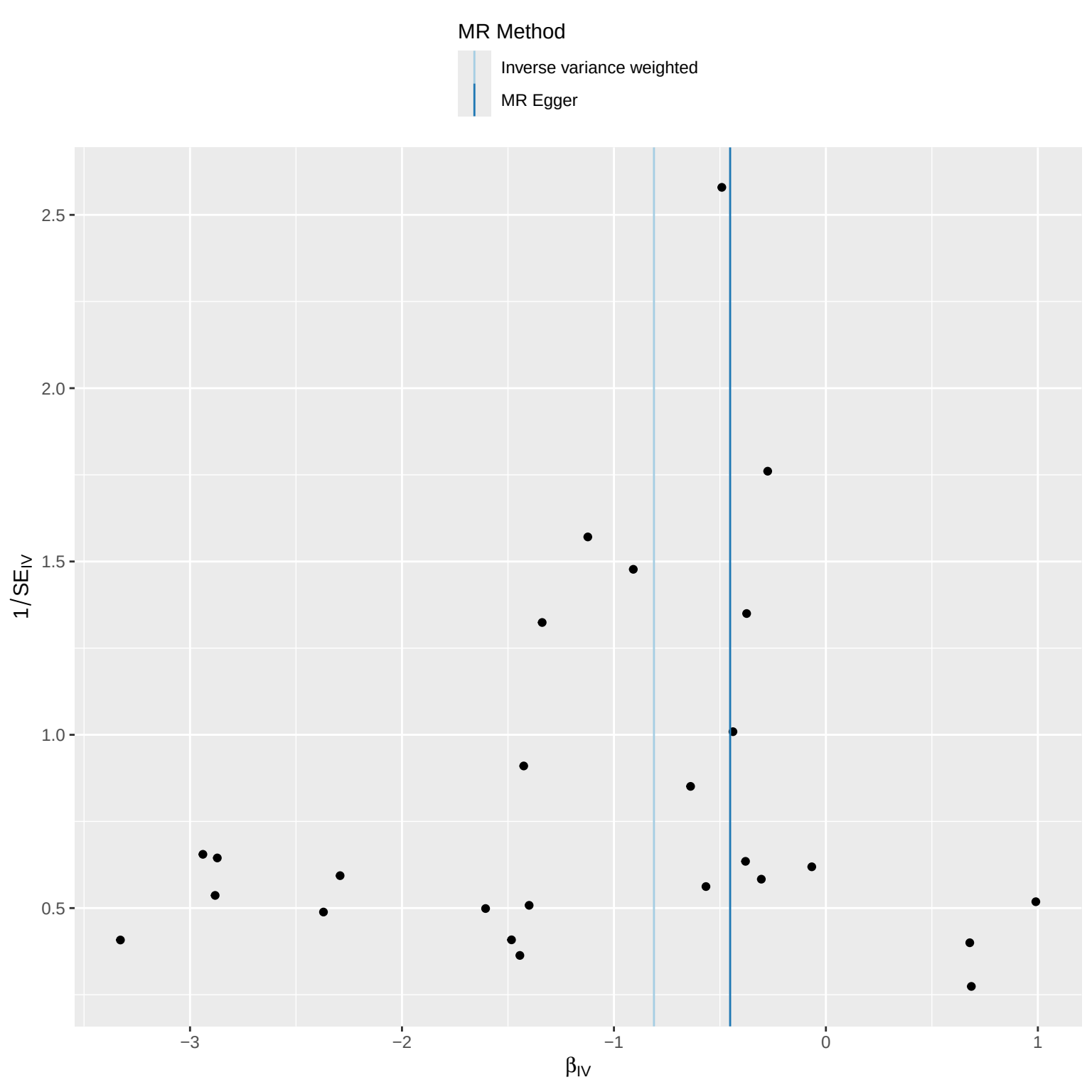

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
4
β_IV

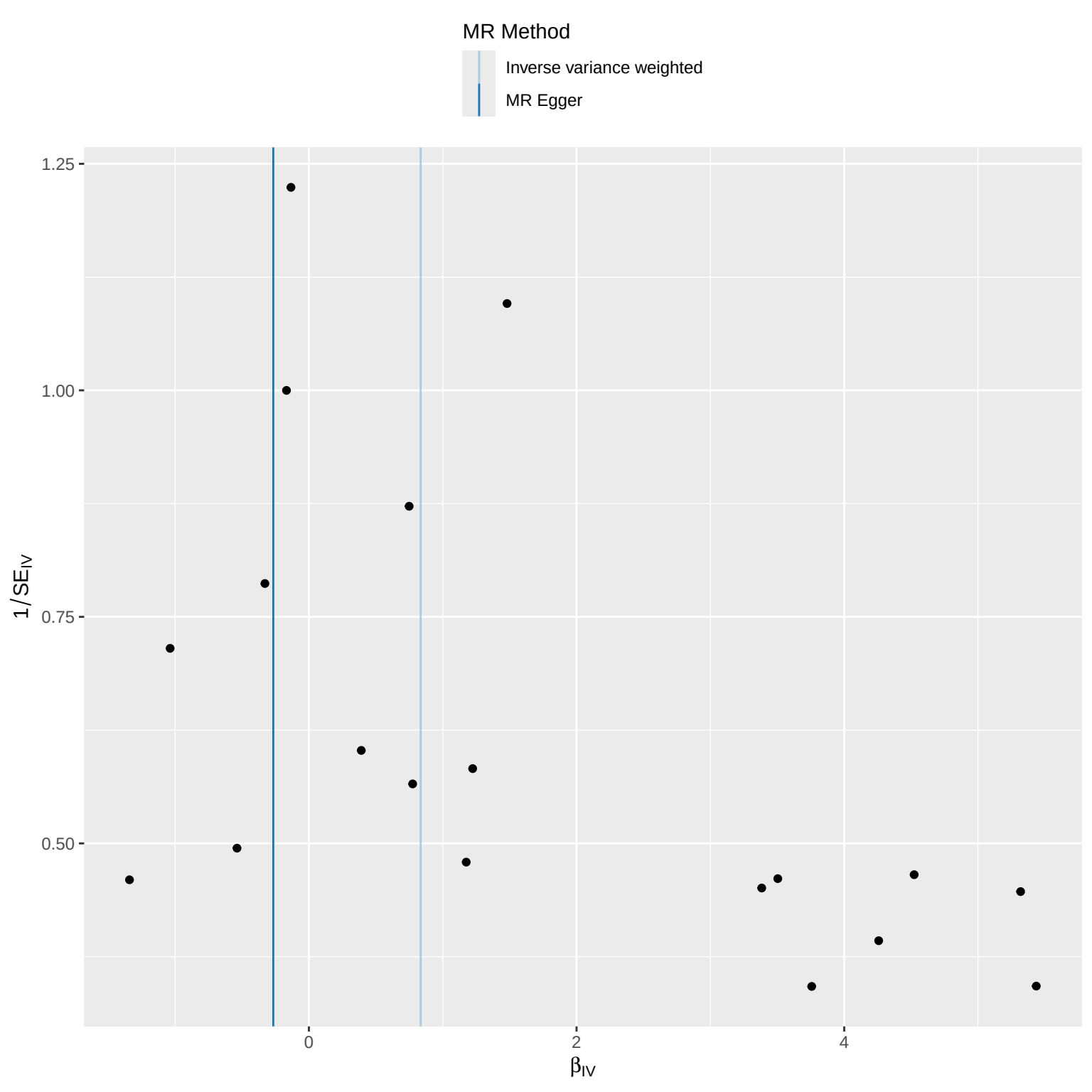

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−3
−2
−1
0
1
2
β_IV

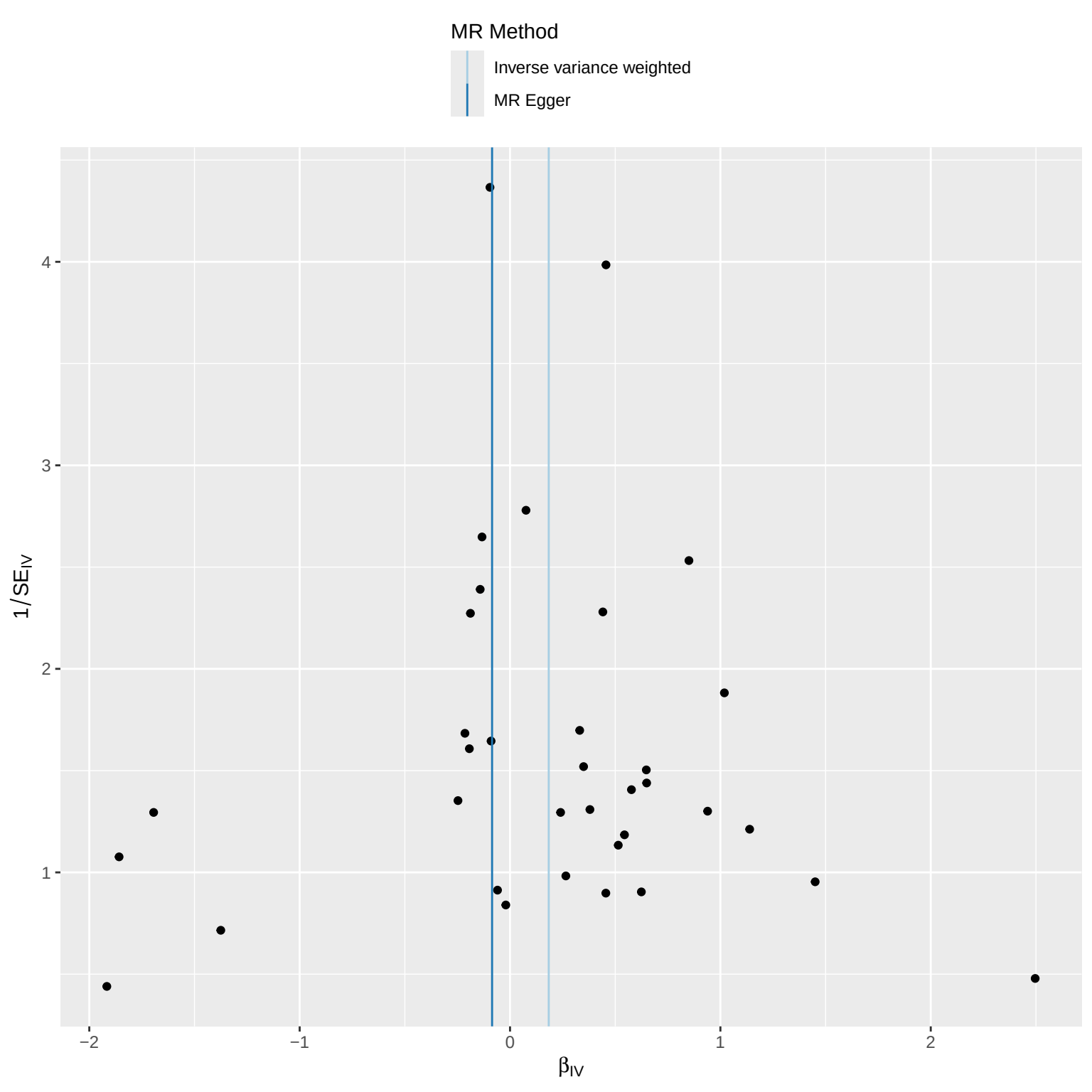

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

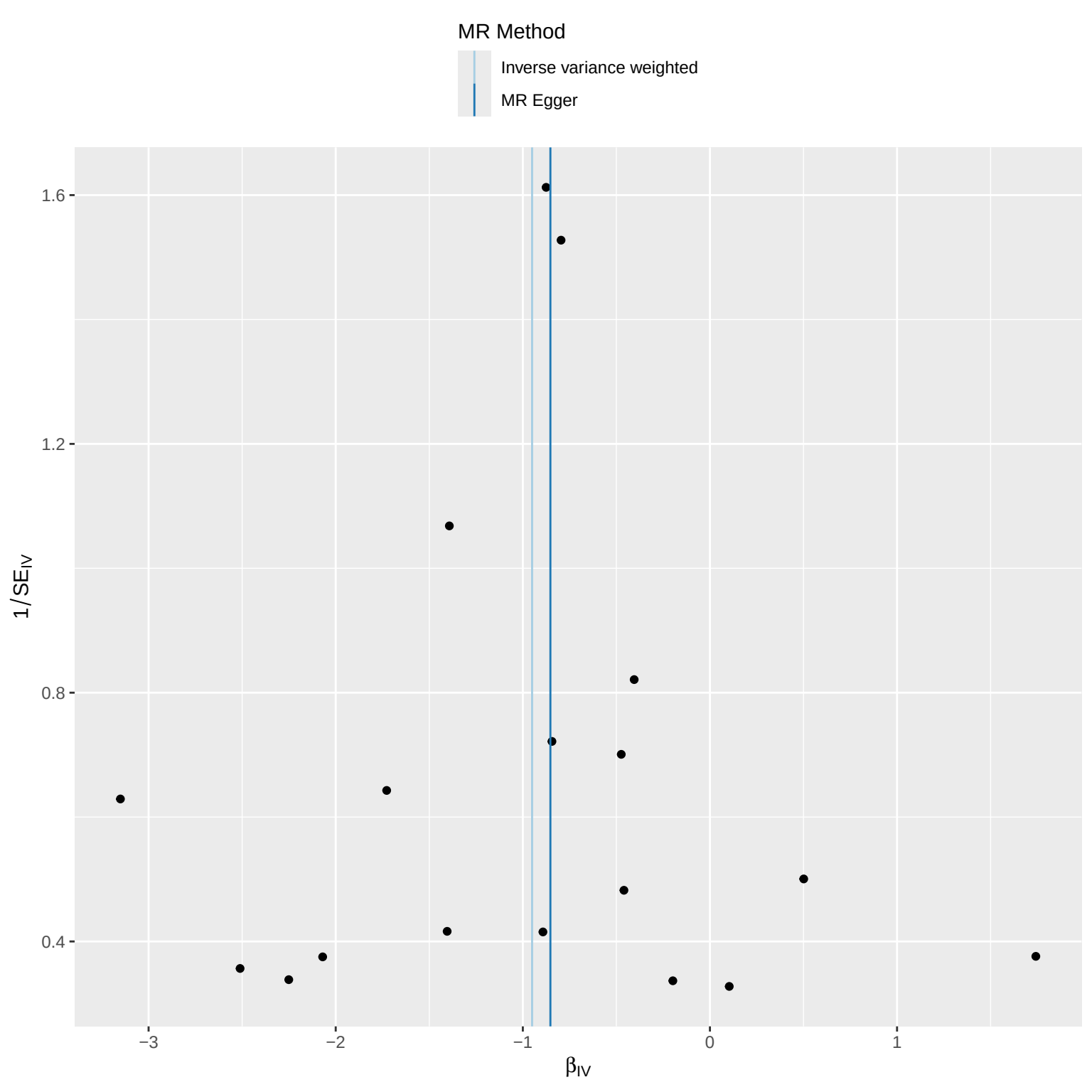

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
2
4
6
β_IV

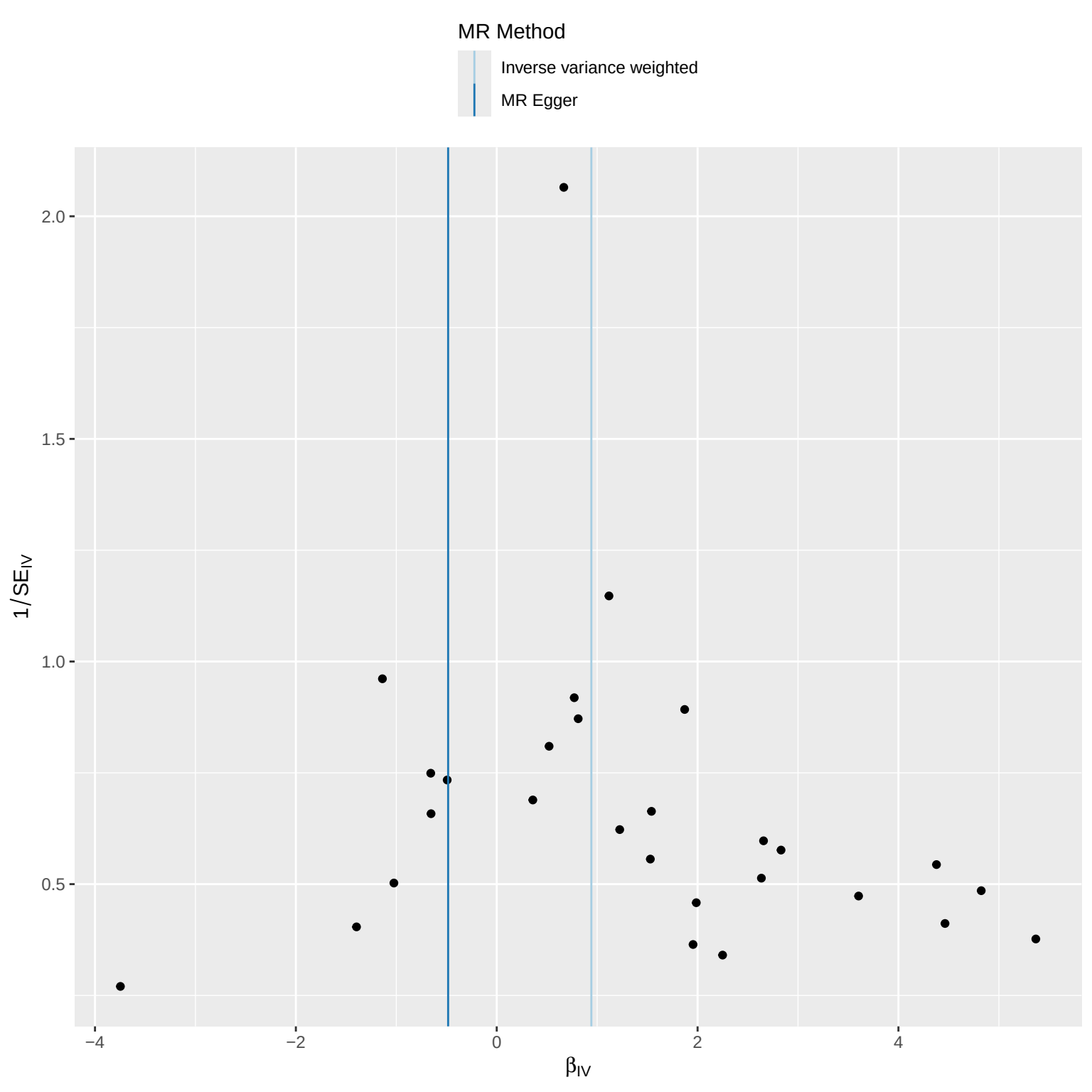

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

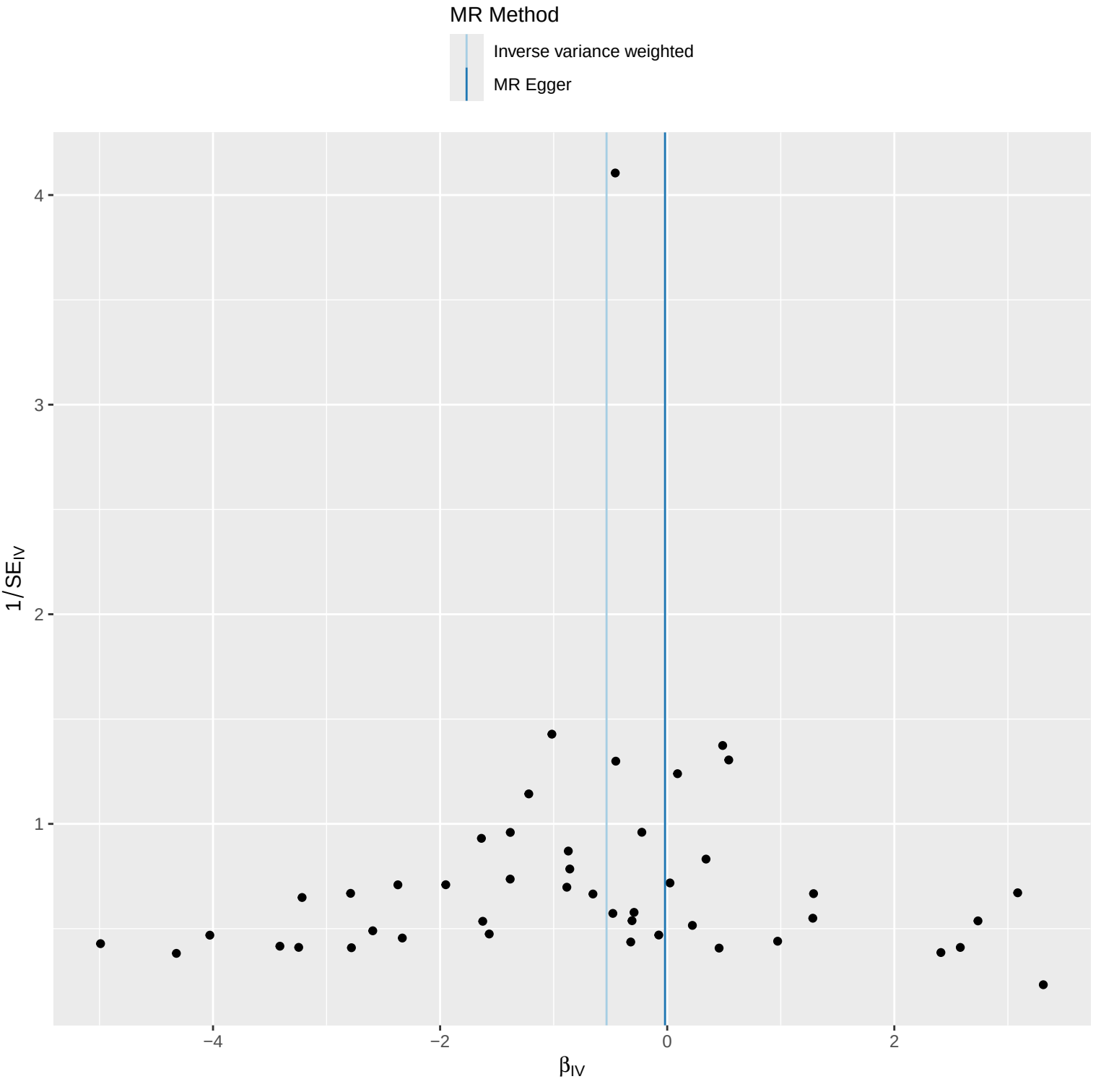

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

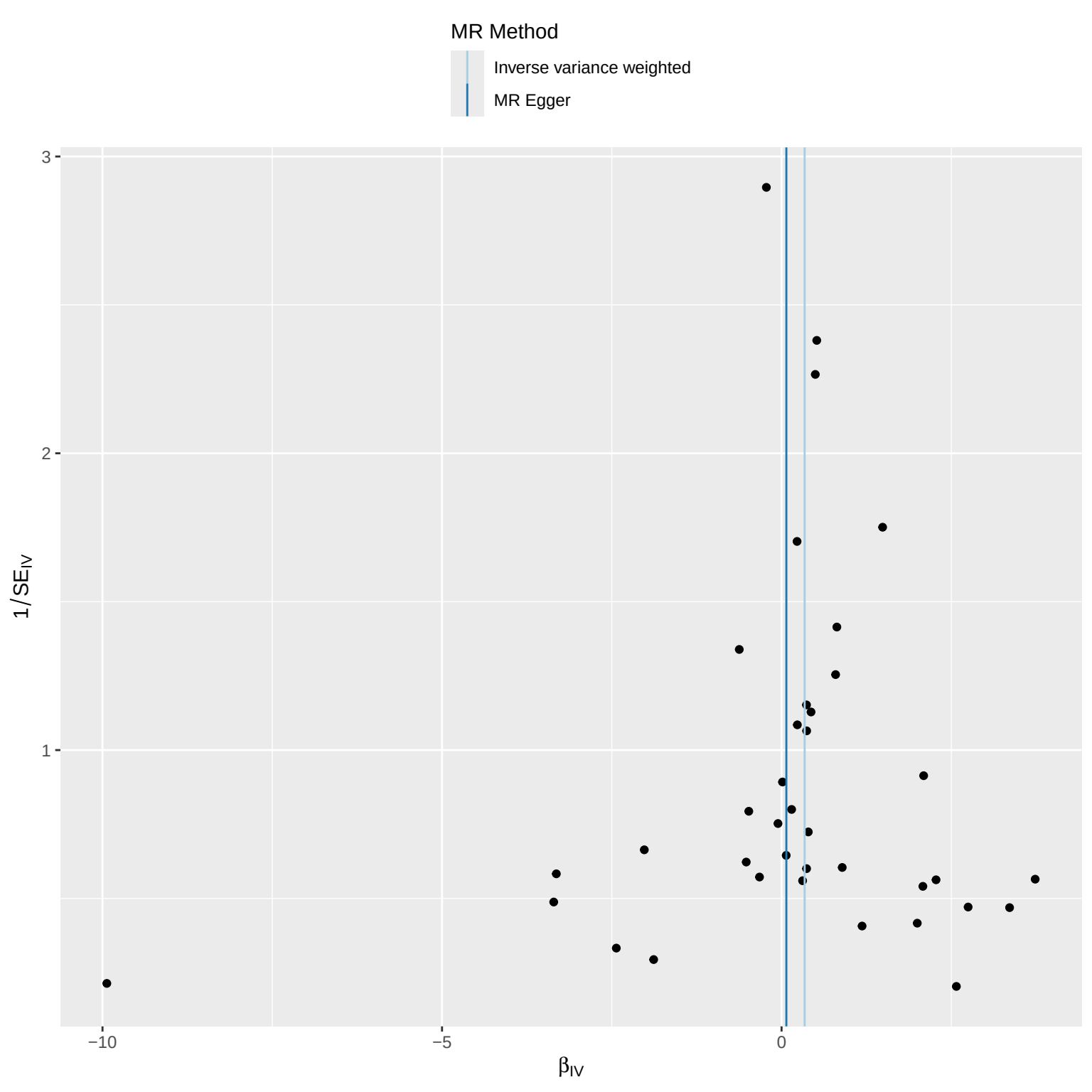

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
2
4
β_IV

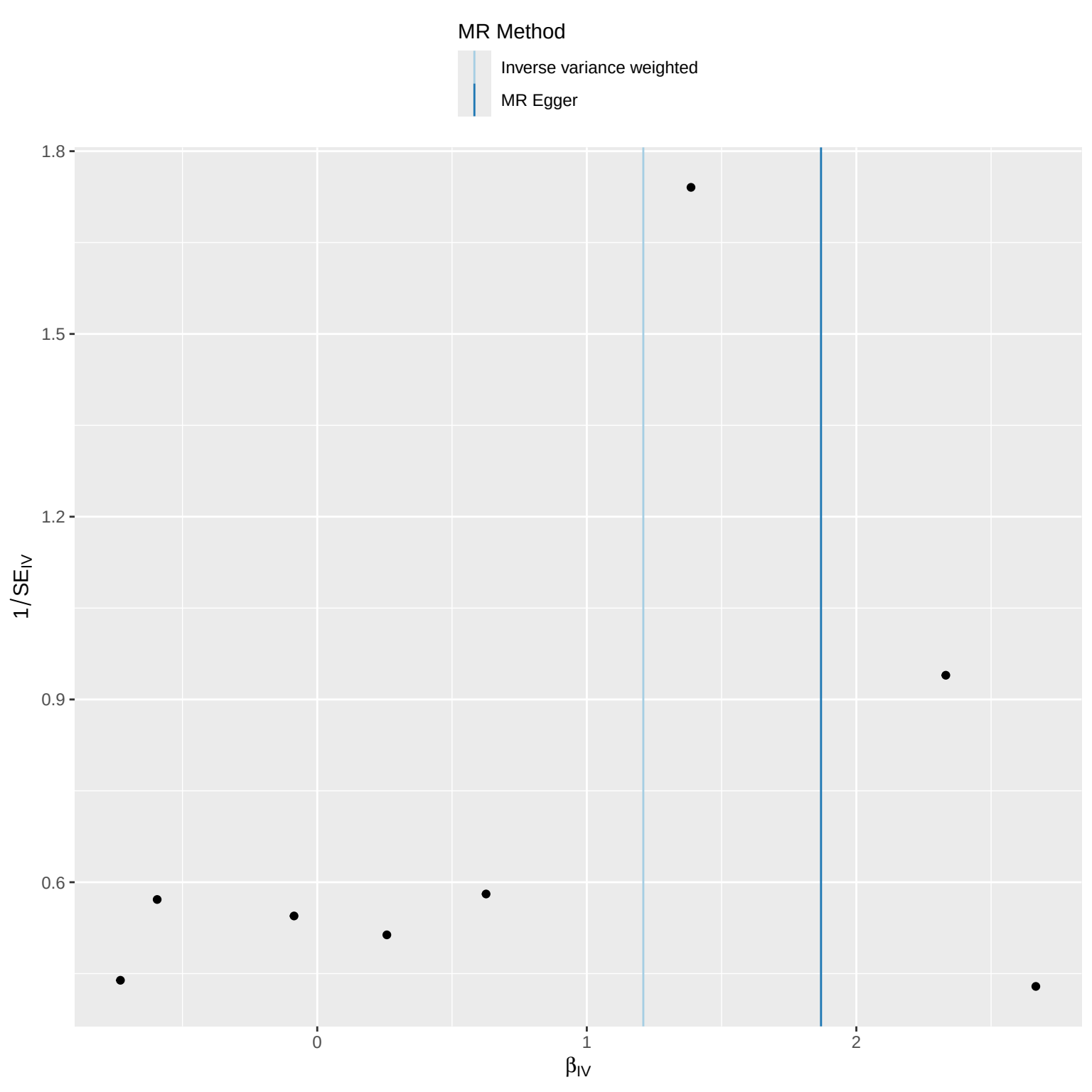

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

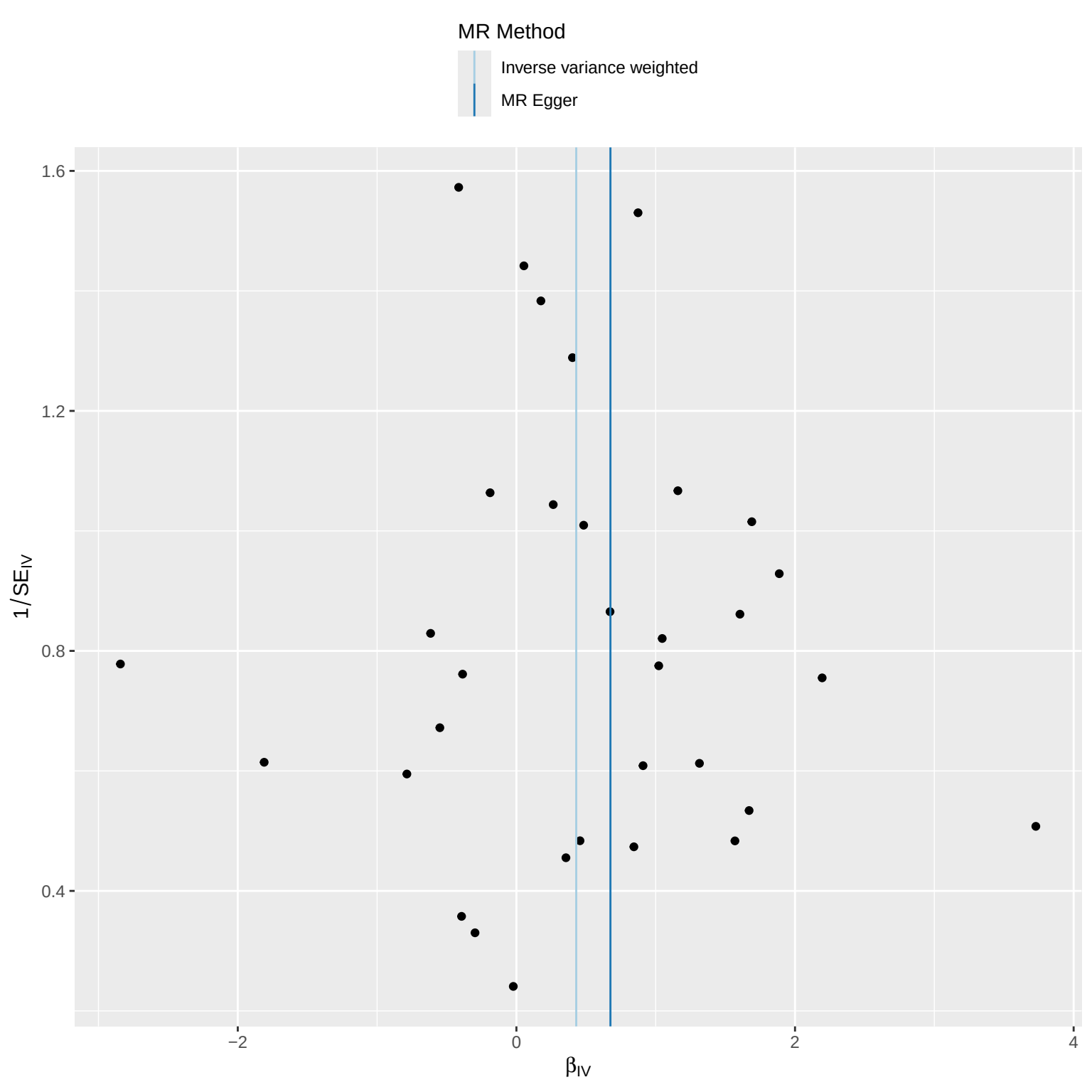

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

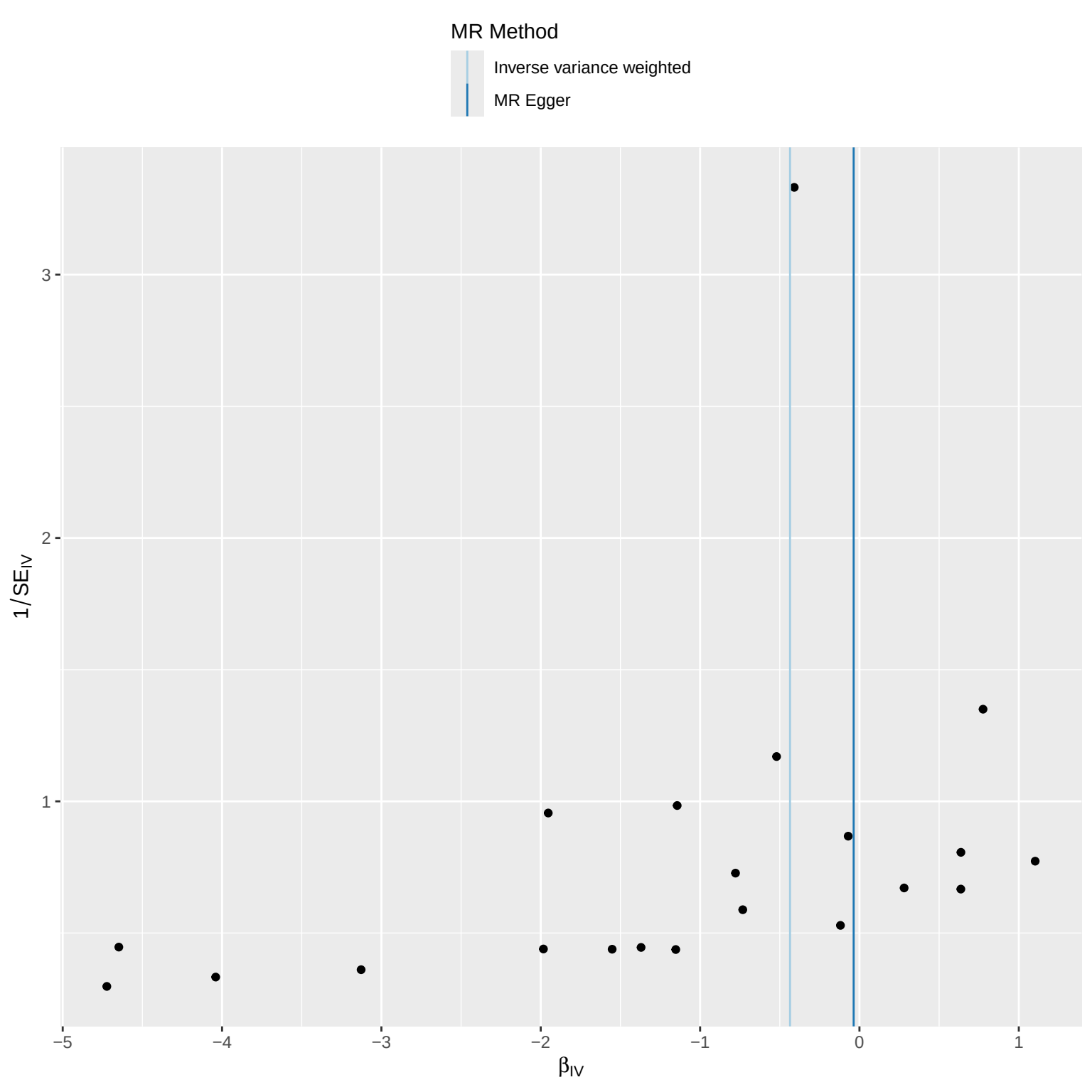

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

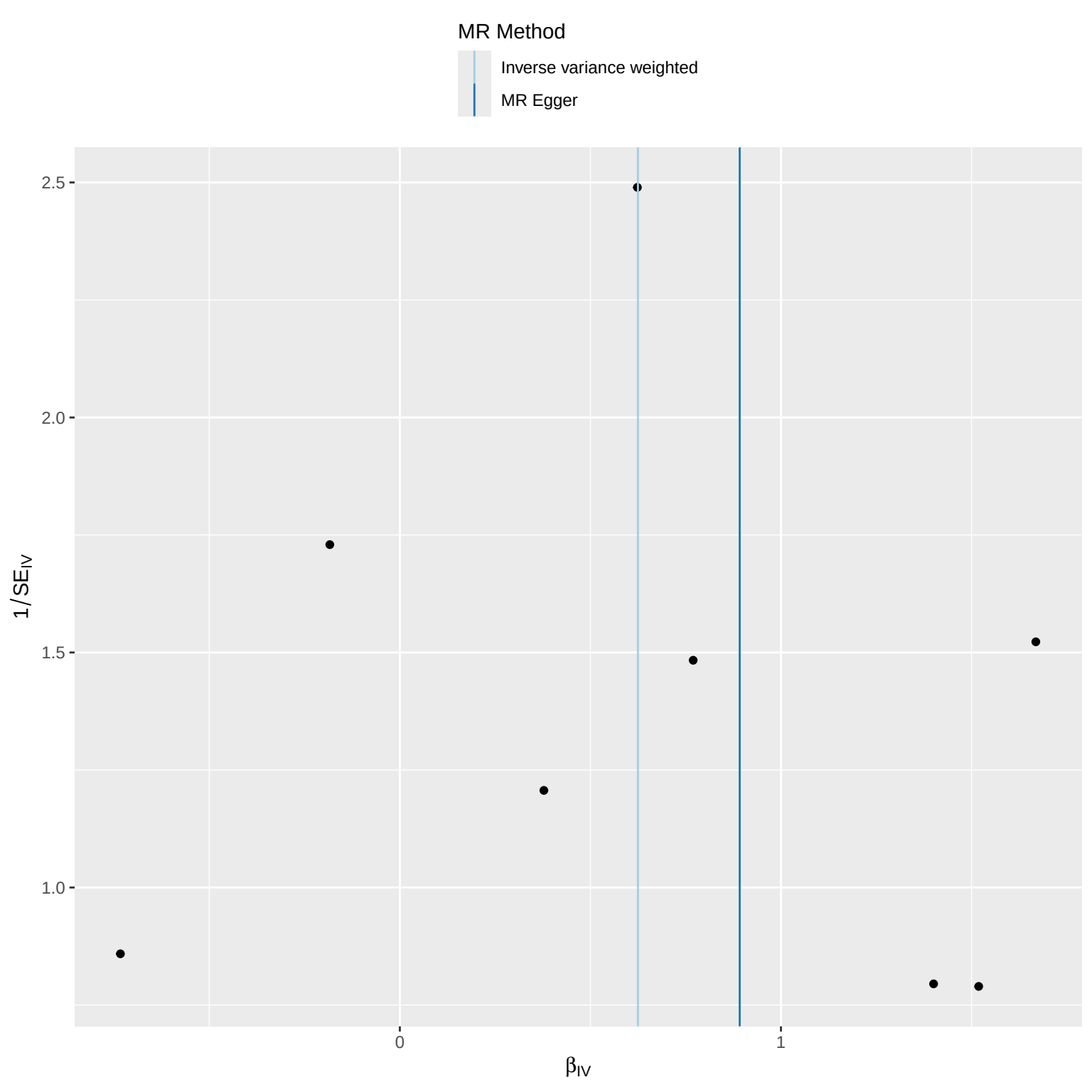

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

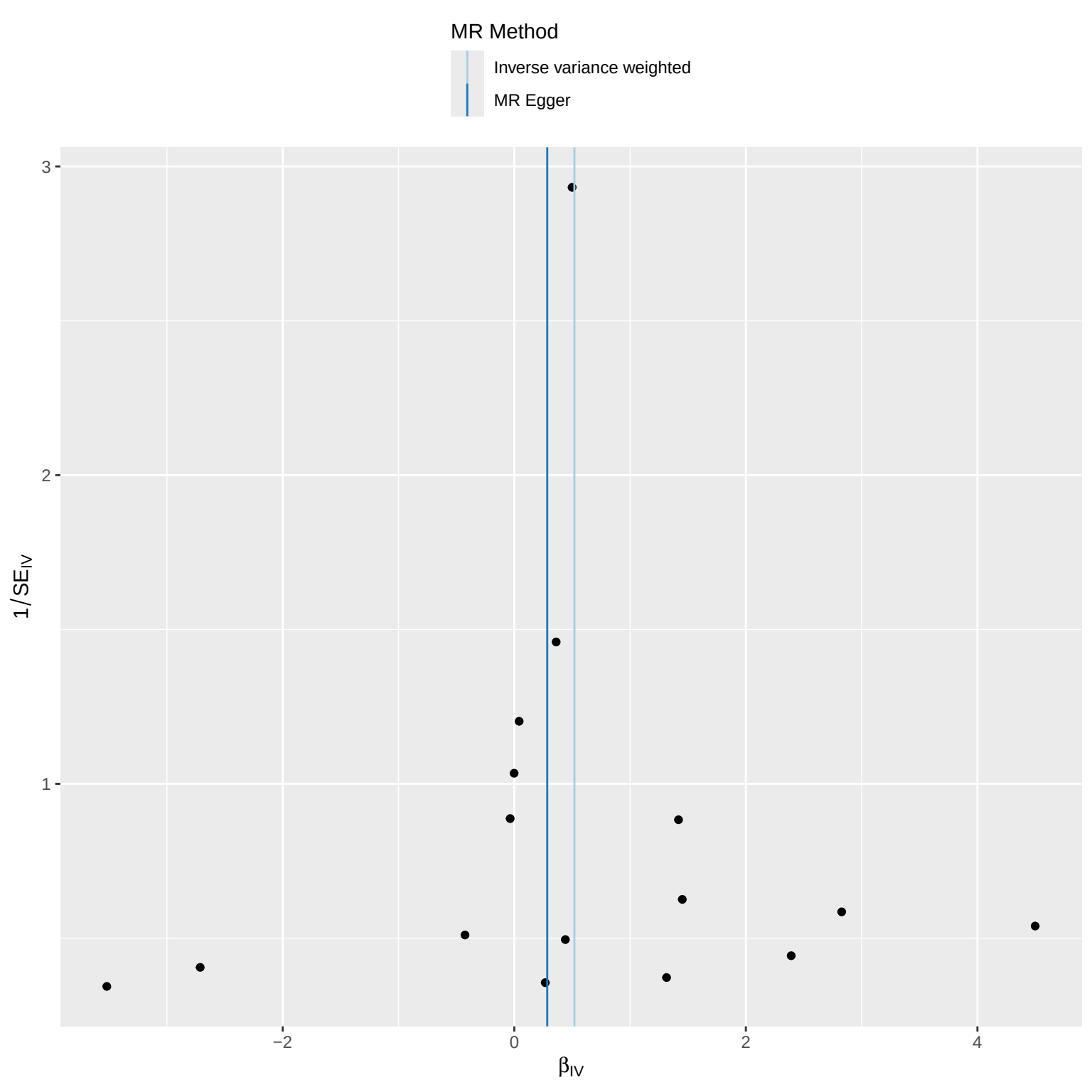

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−10
−5
0
β_IV

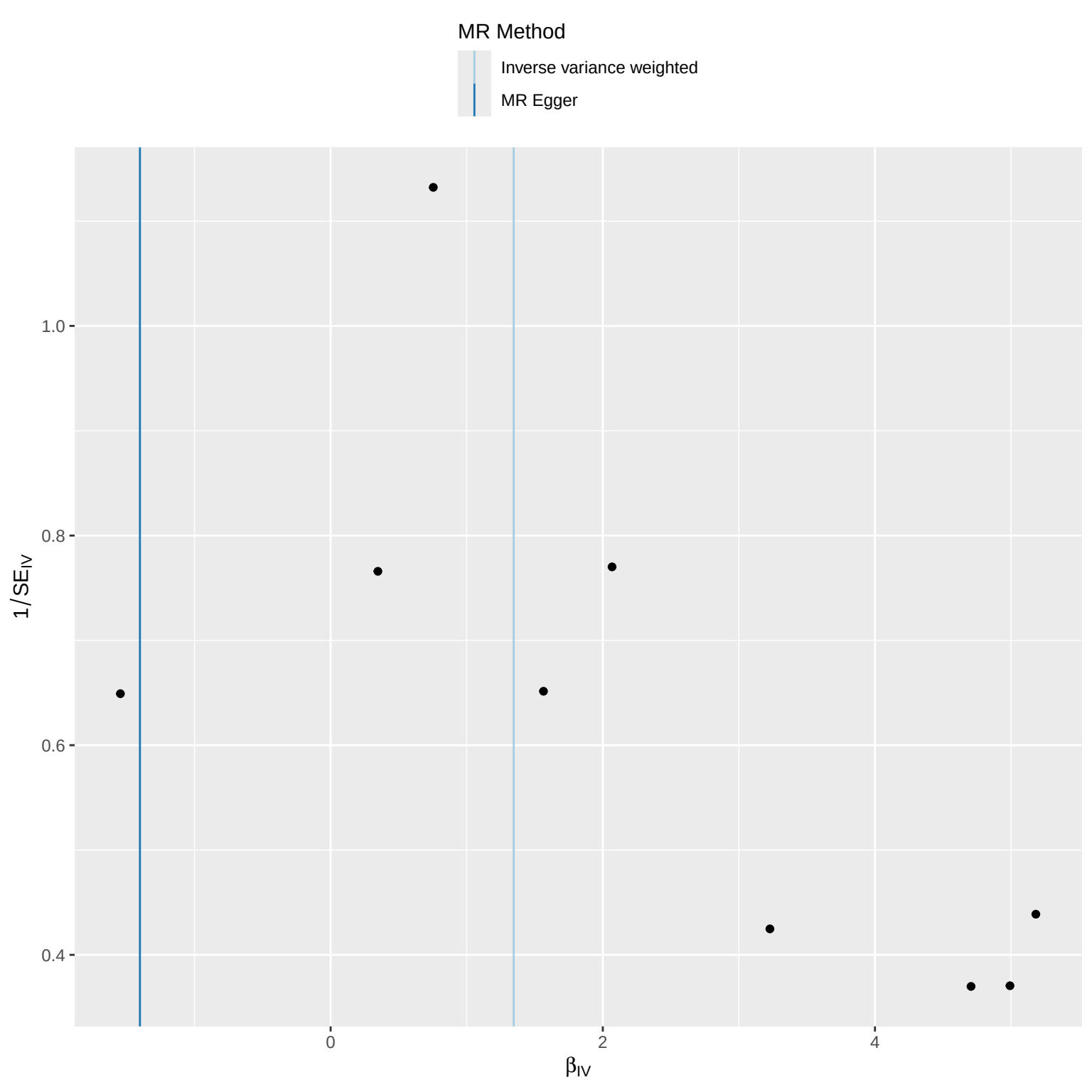

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
0
1
2
β_IV

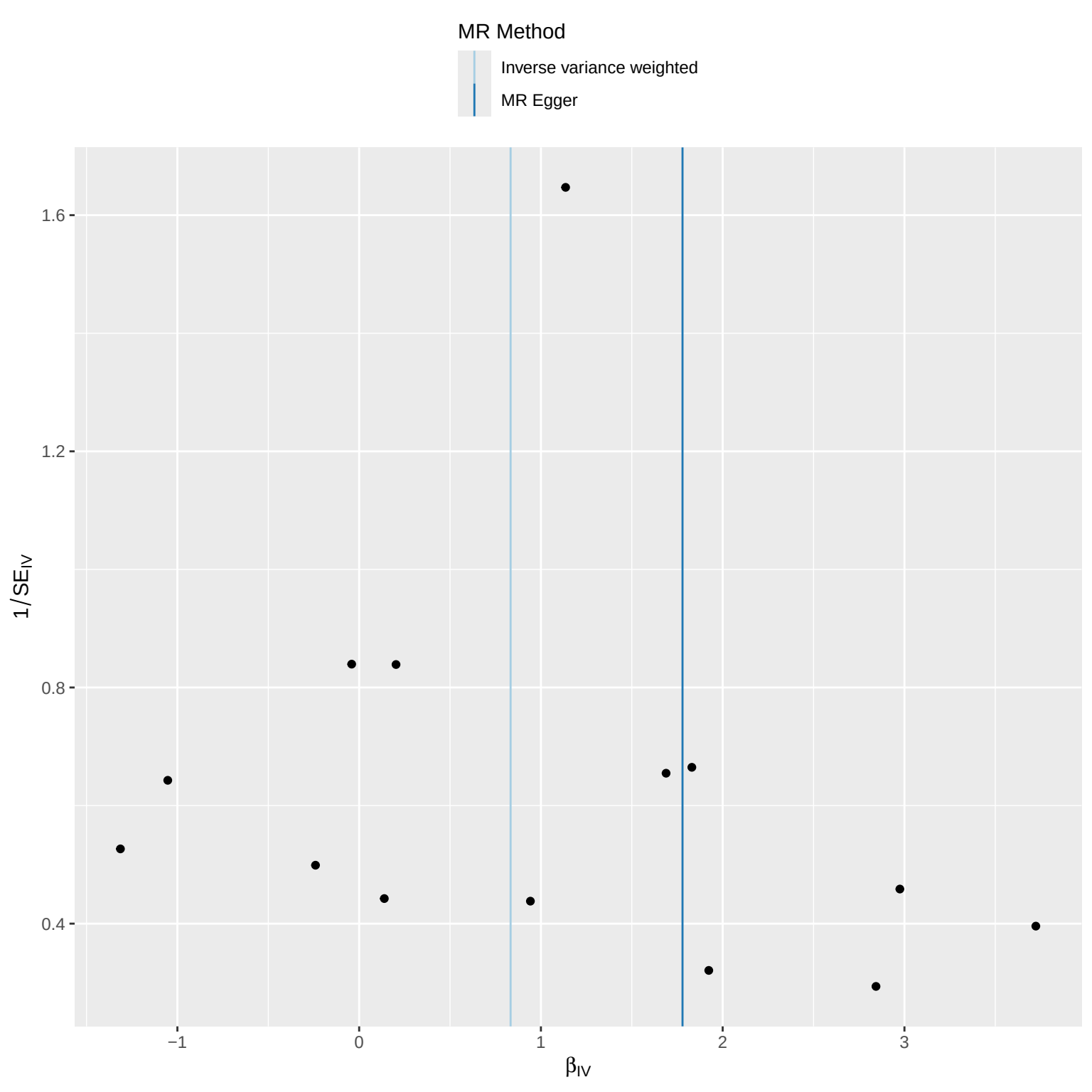

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

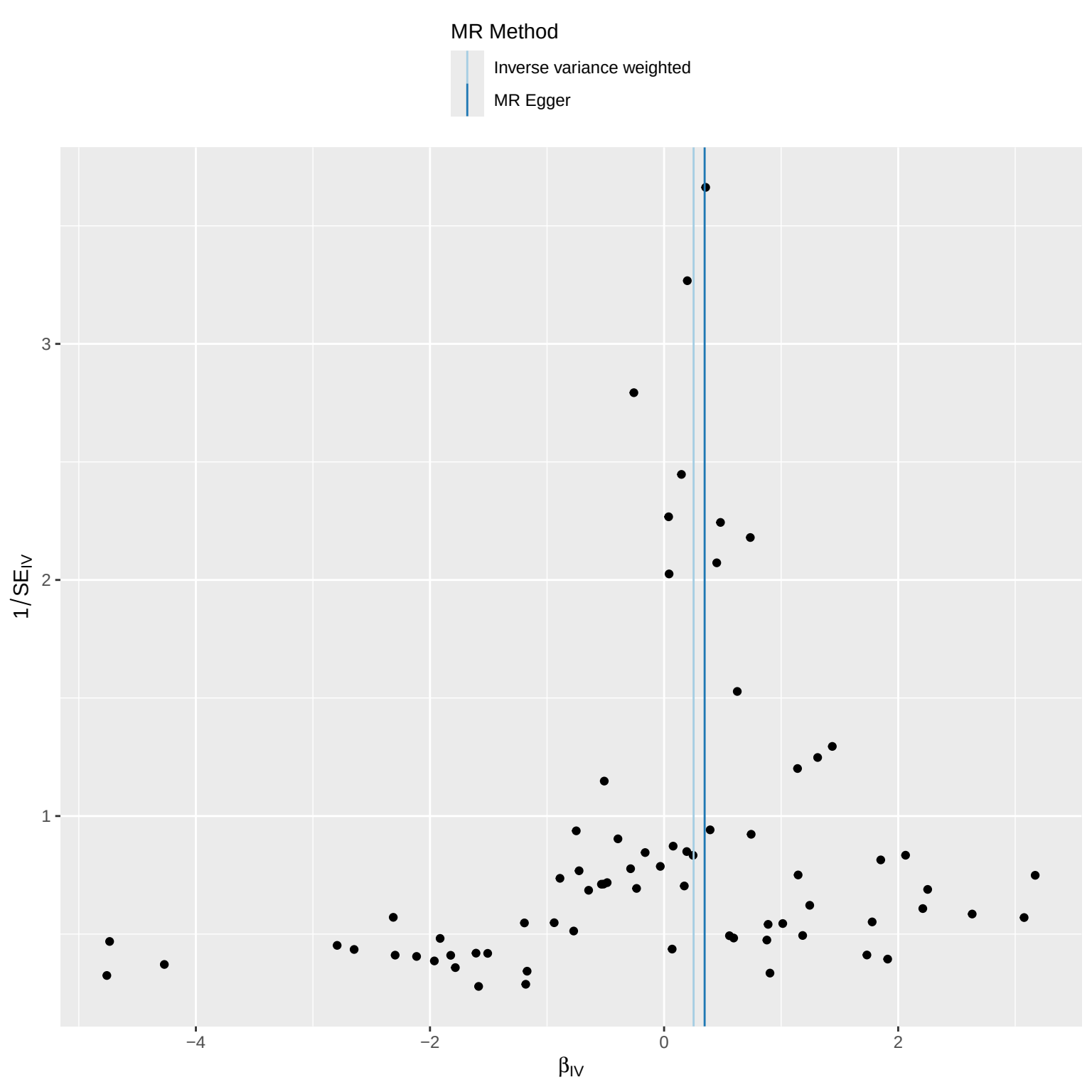

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5
−4
−3
−2
−1
0
1
β_IV

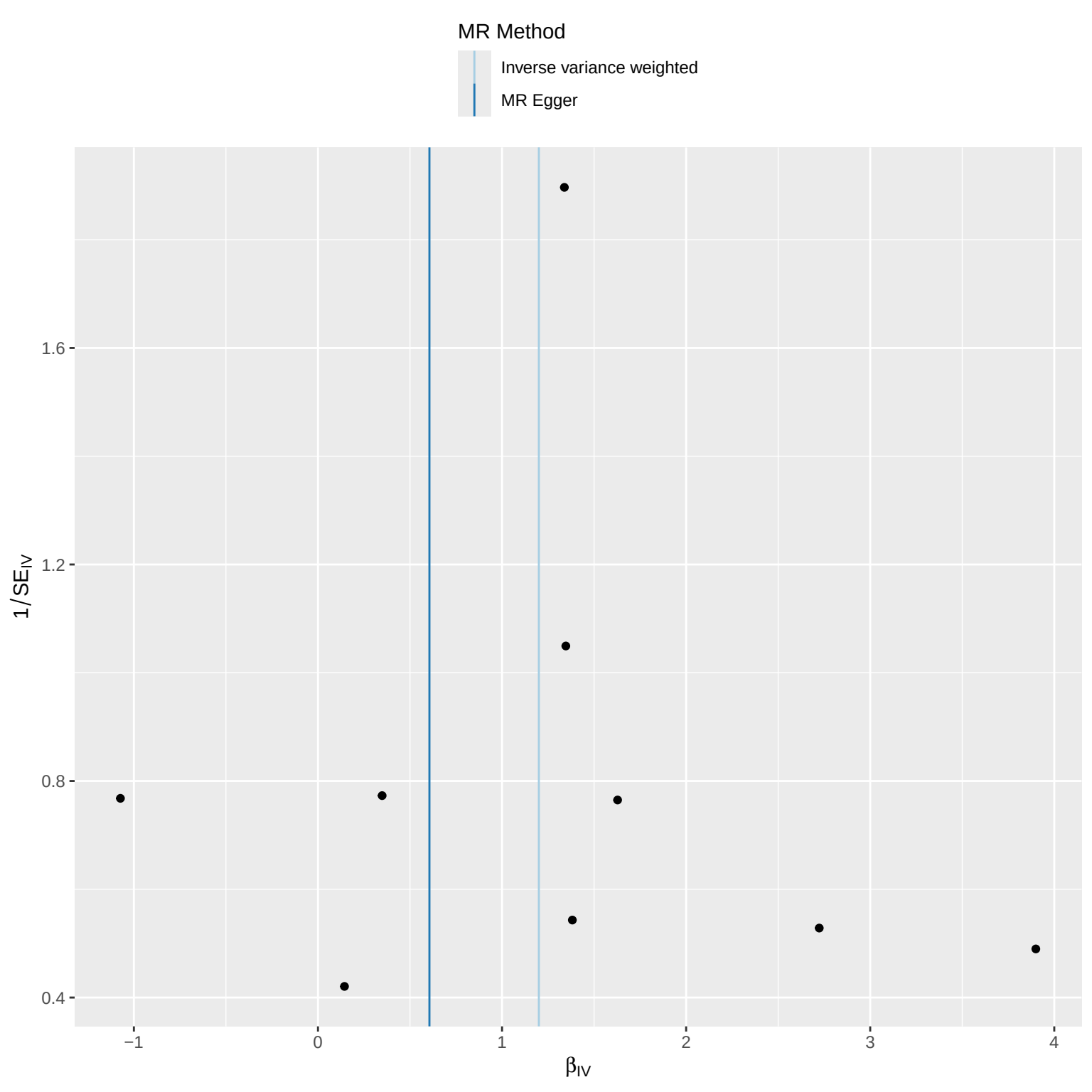

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0
1
β_IV

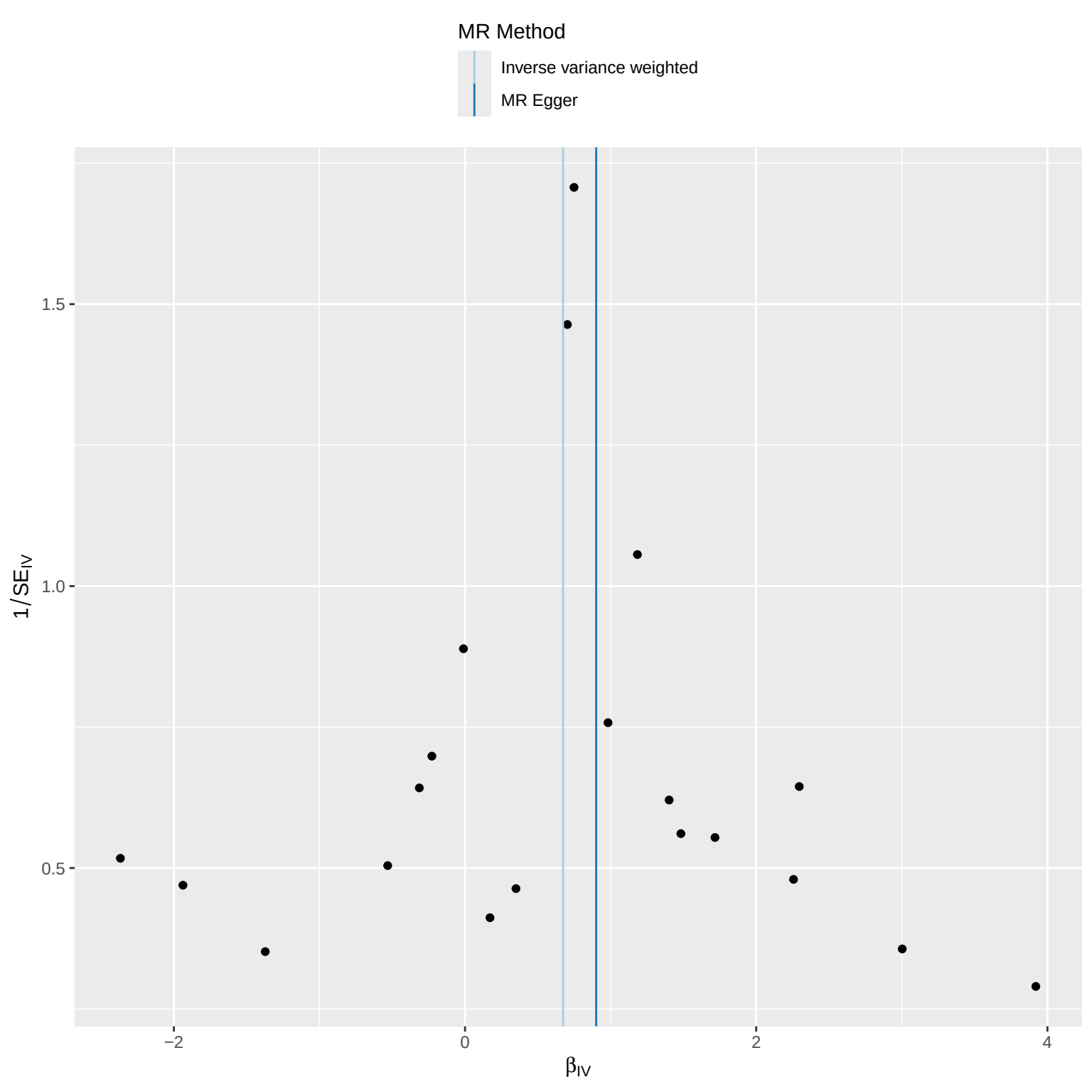

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

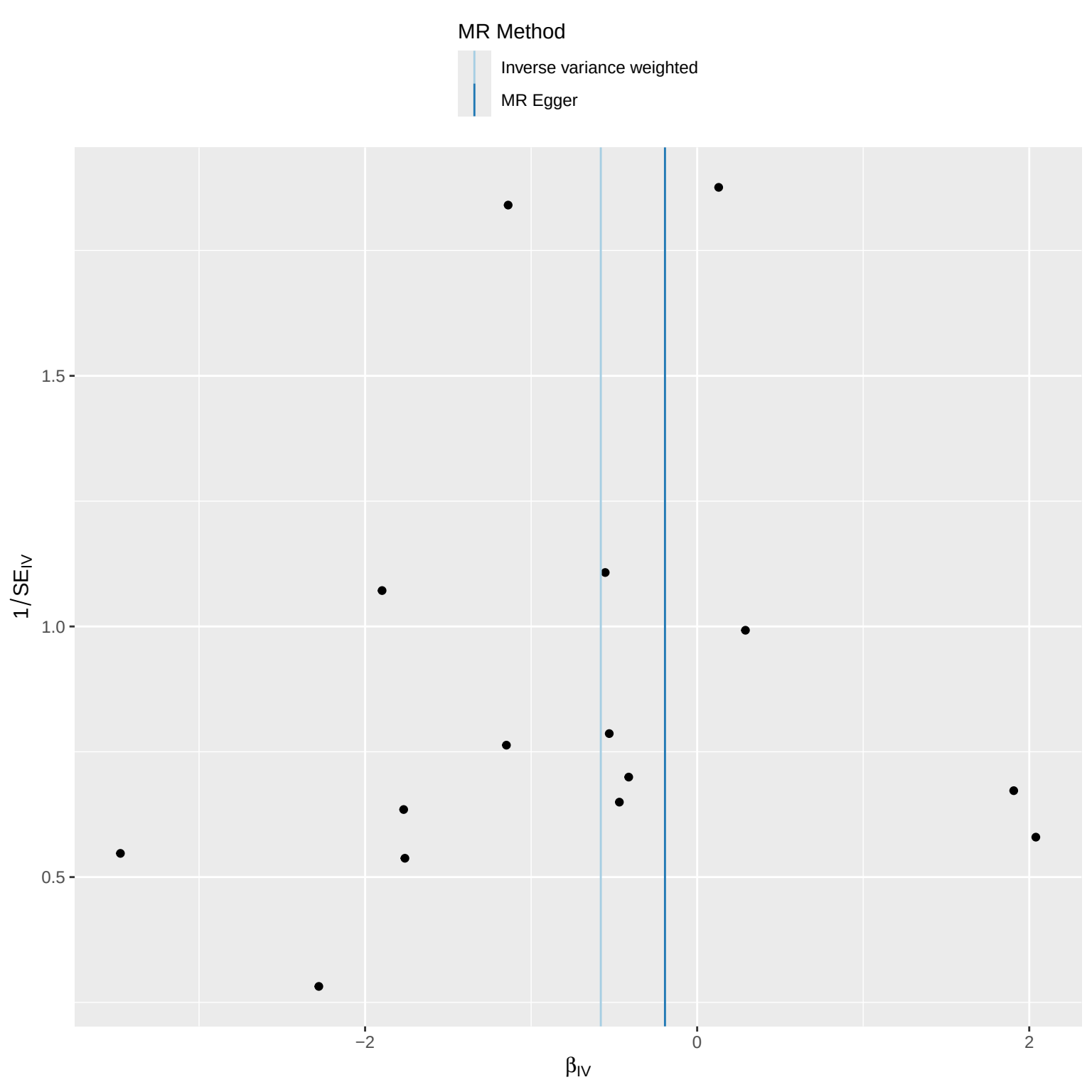

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
2
4
β_IV

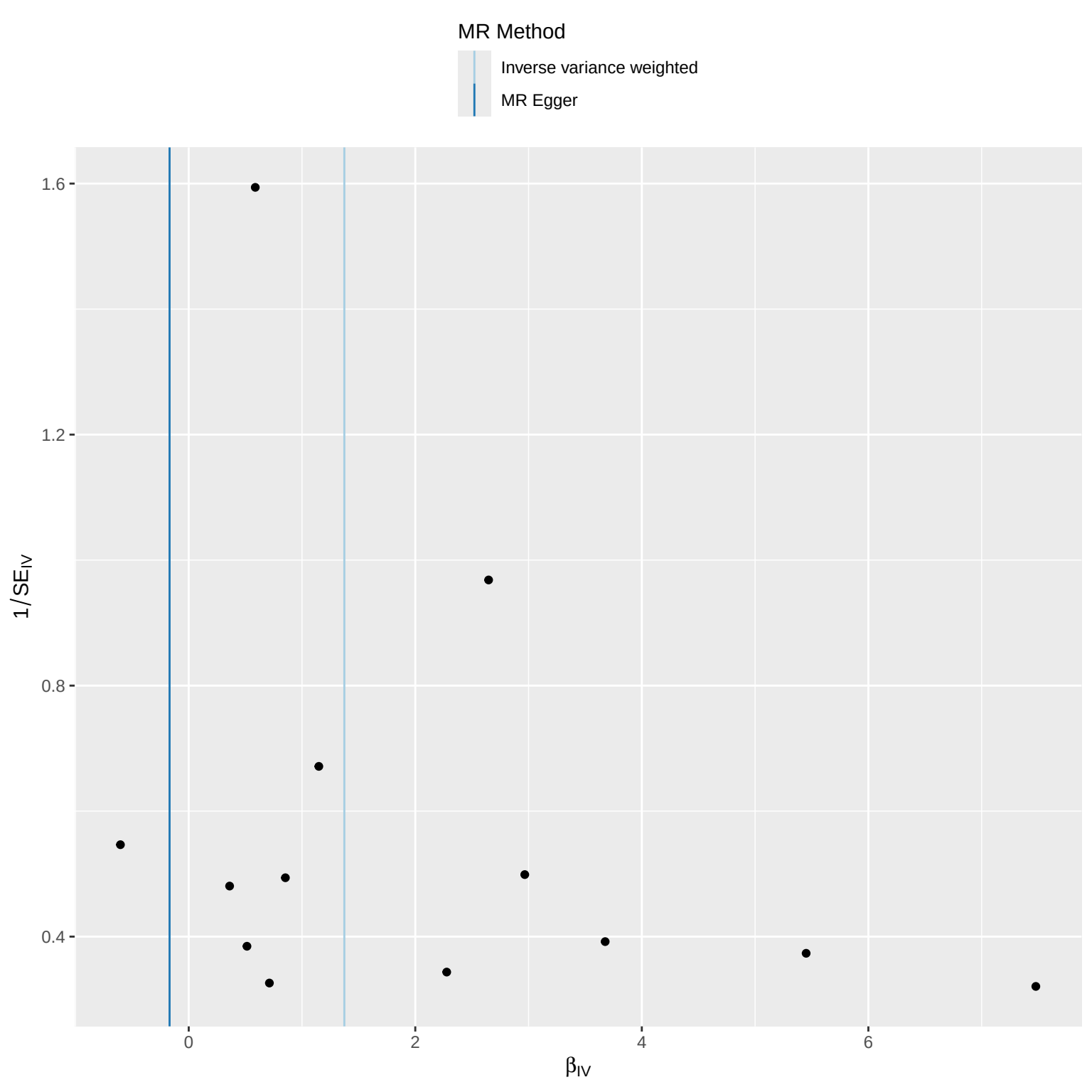

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
β_IV

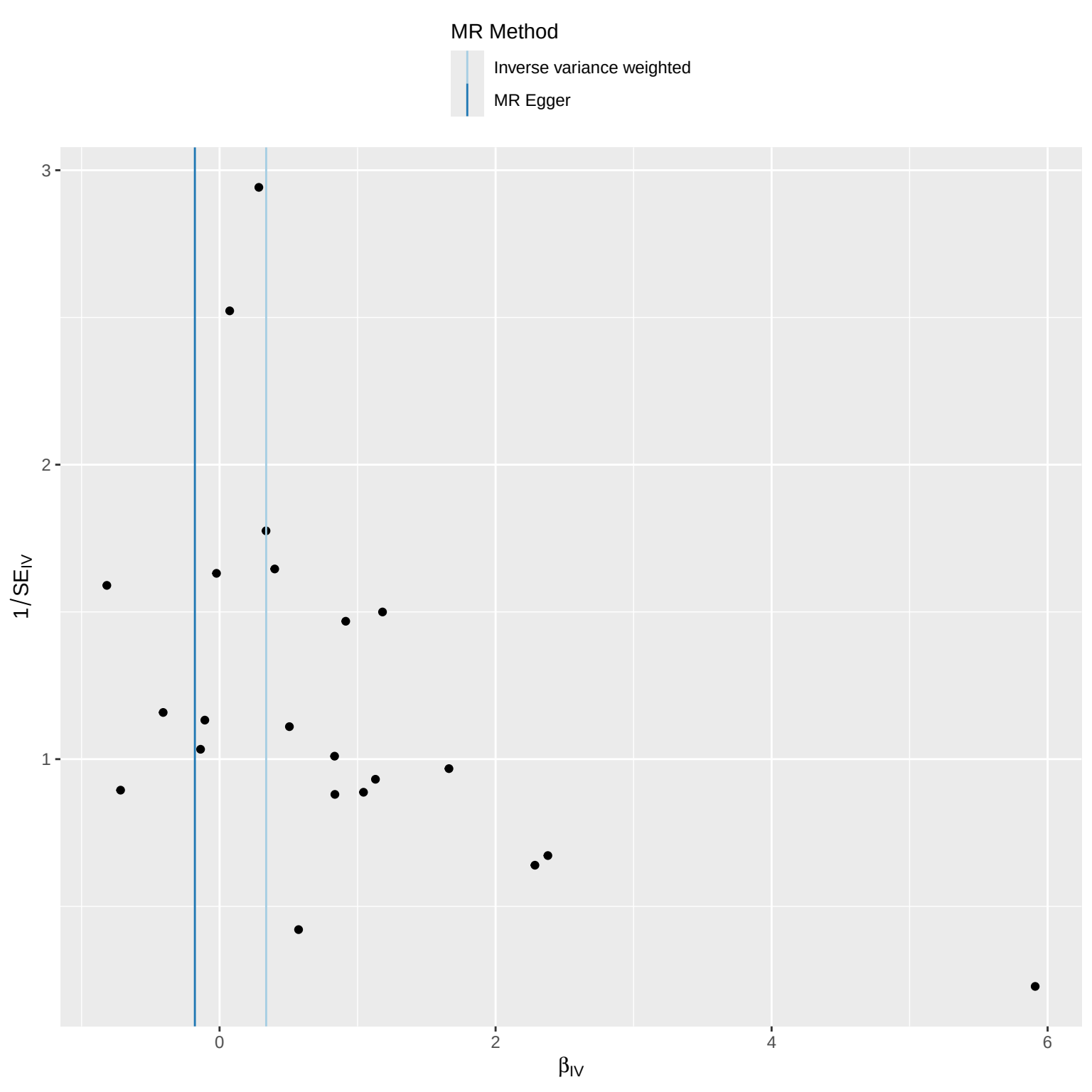

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

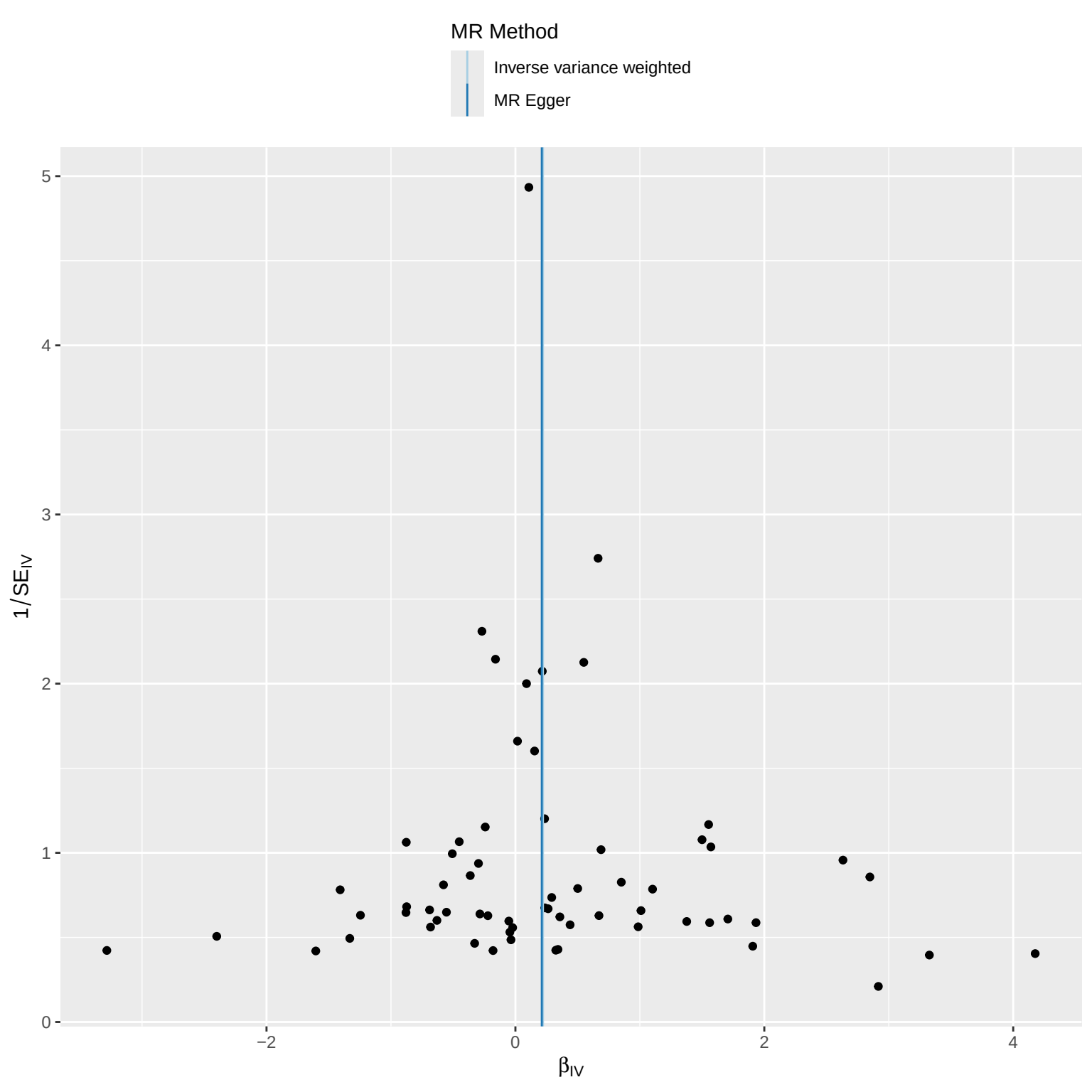

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
4
β_IV

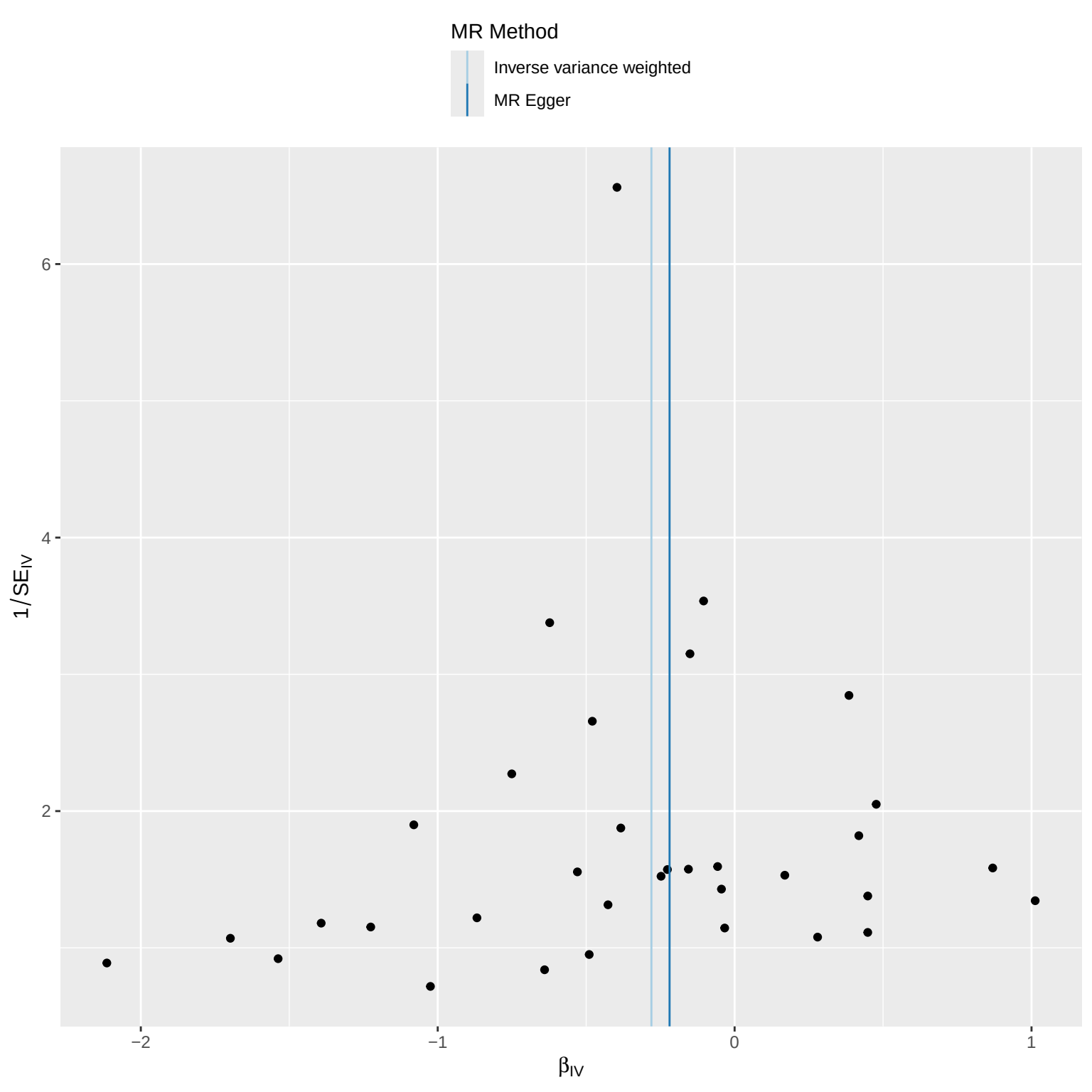

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

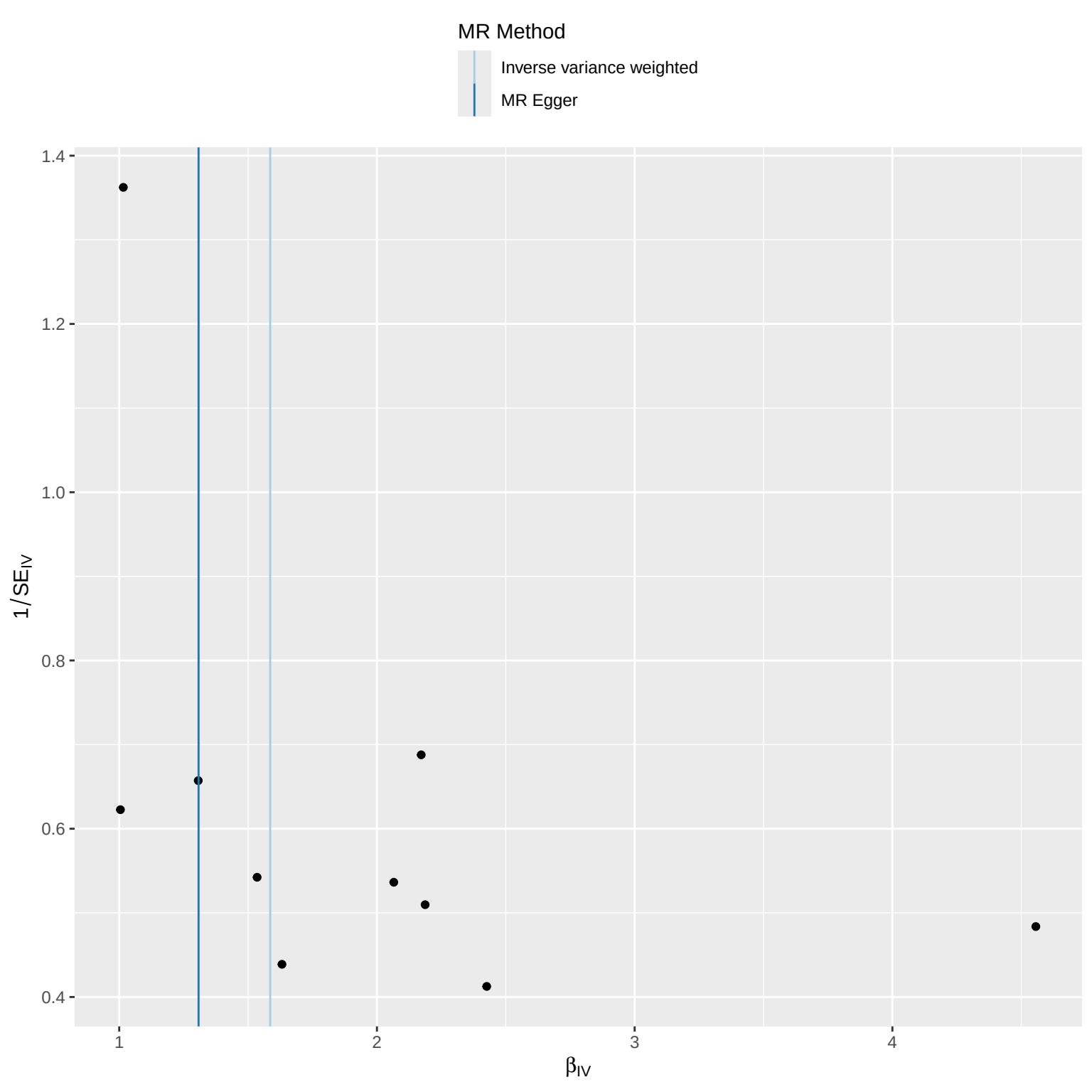

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

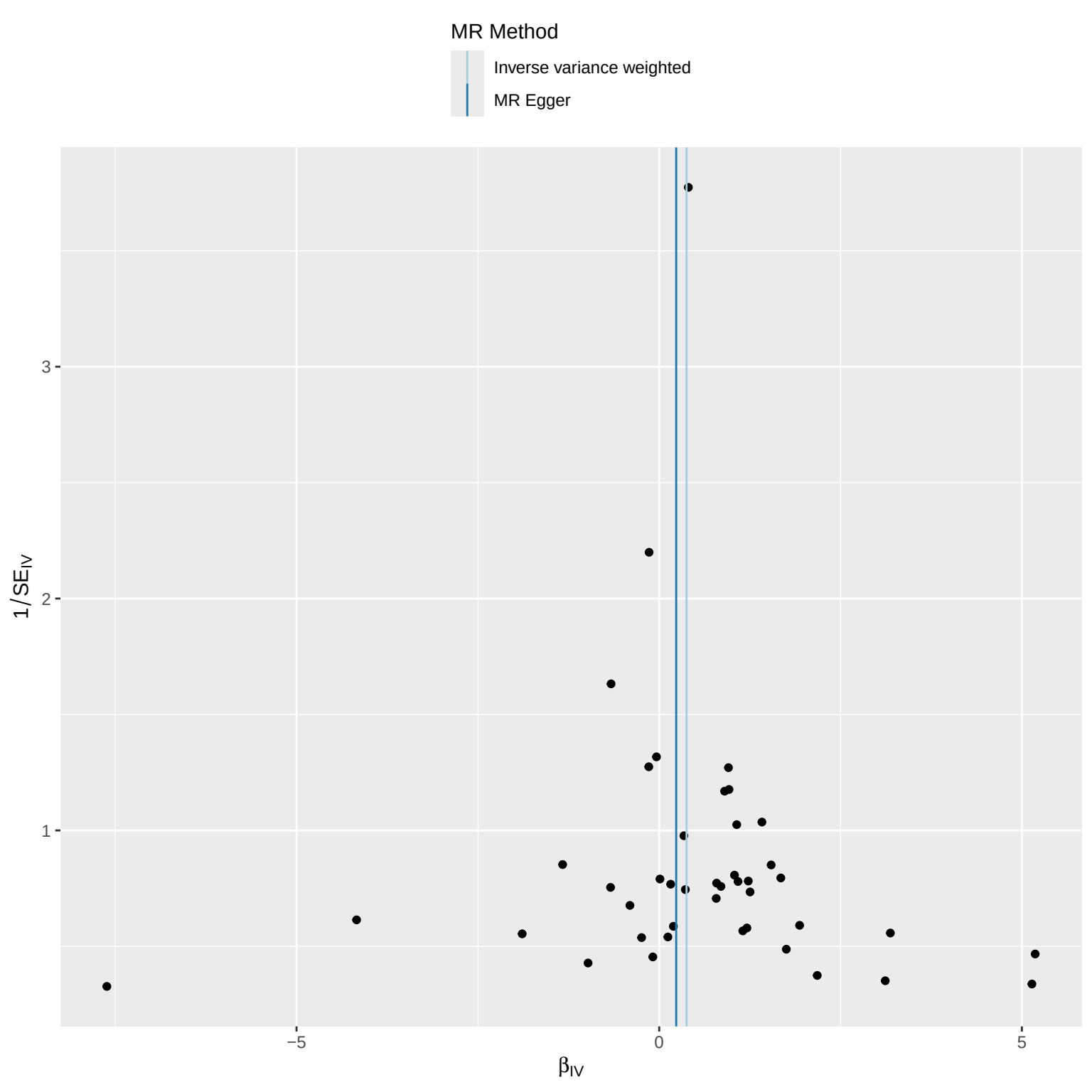

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
2
4
6
β_IV

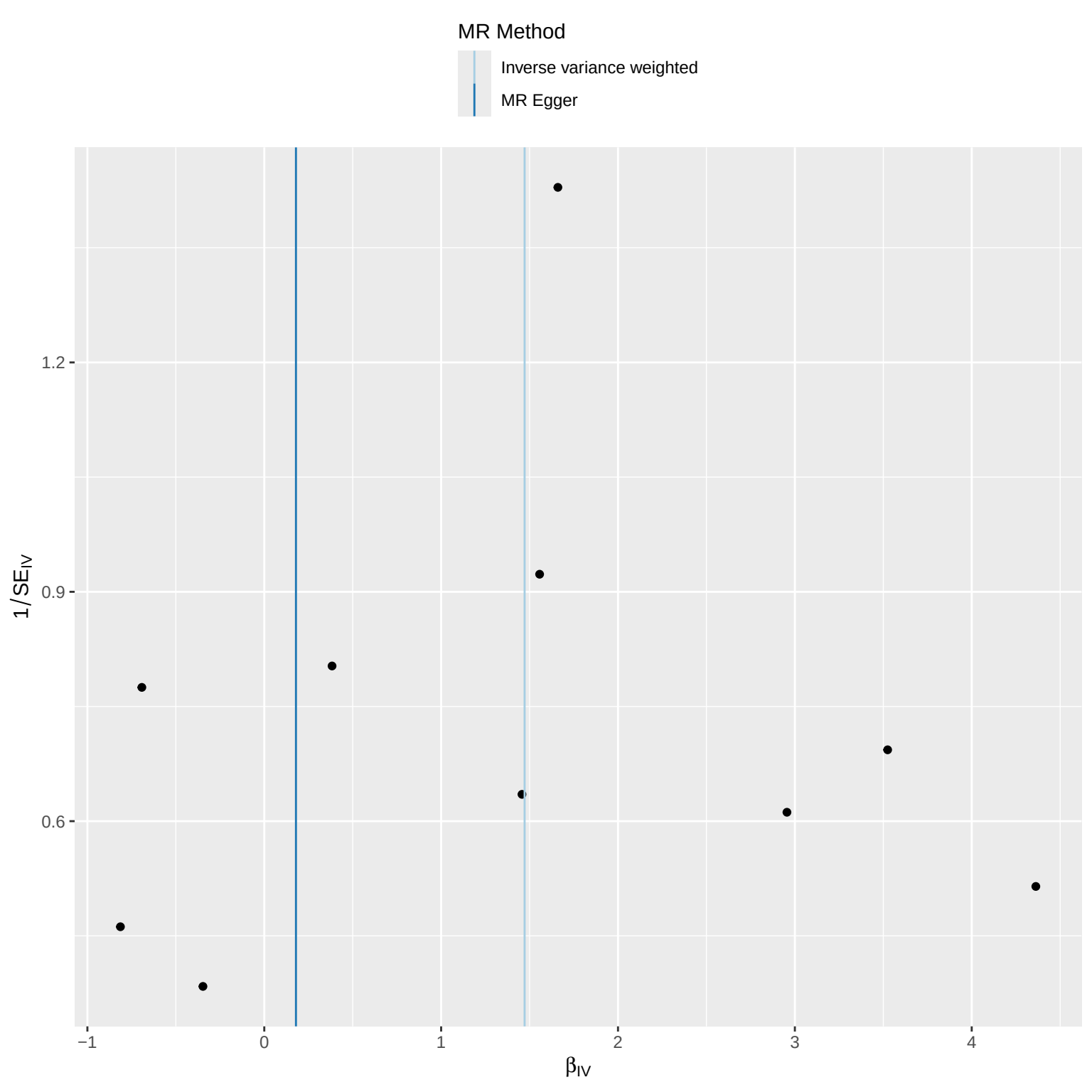

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0
2
4
6
β_IV

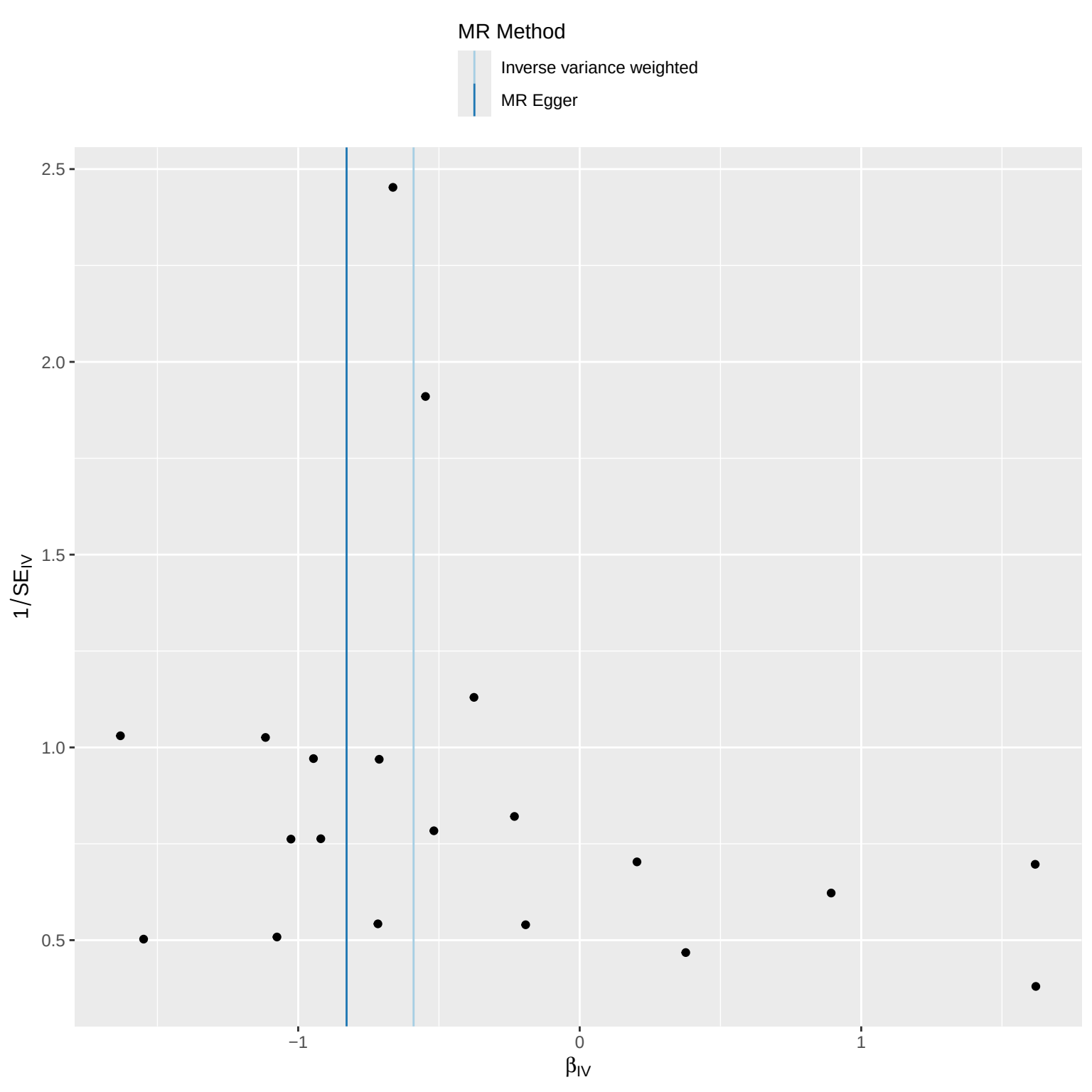

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2
0
2
4
β_IV

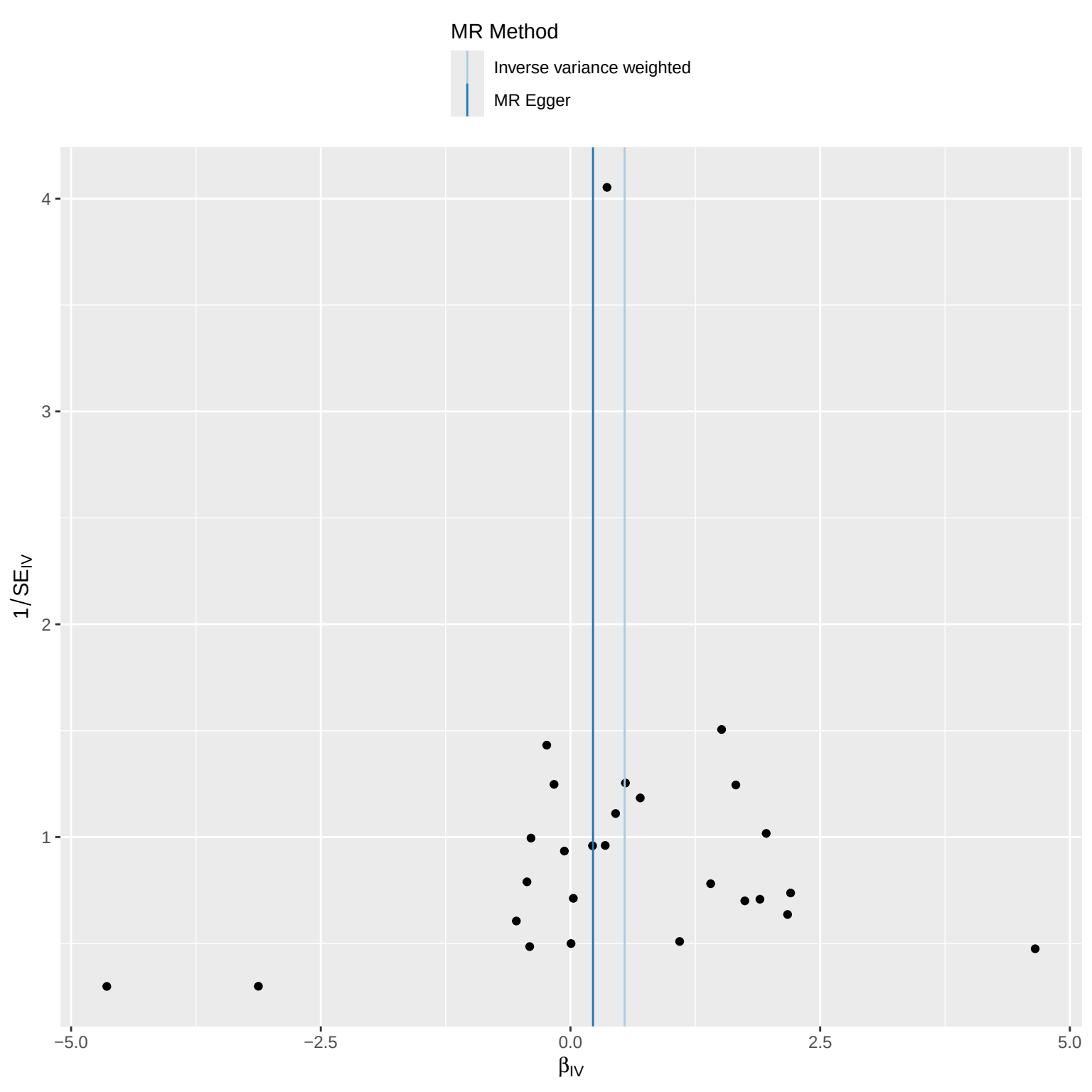

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

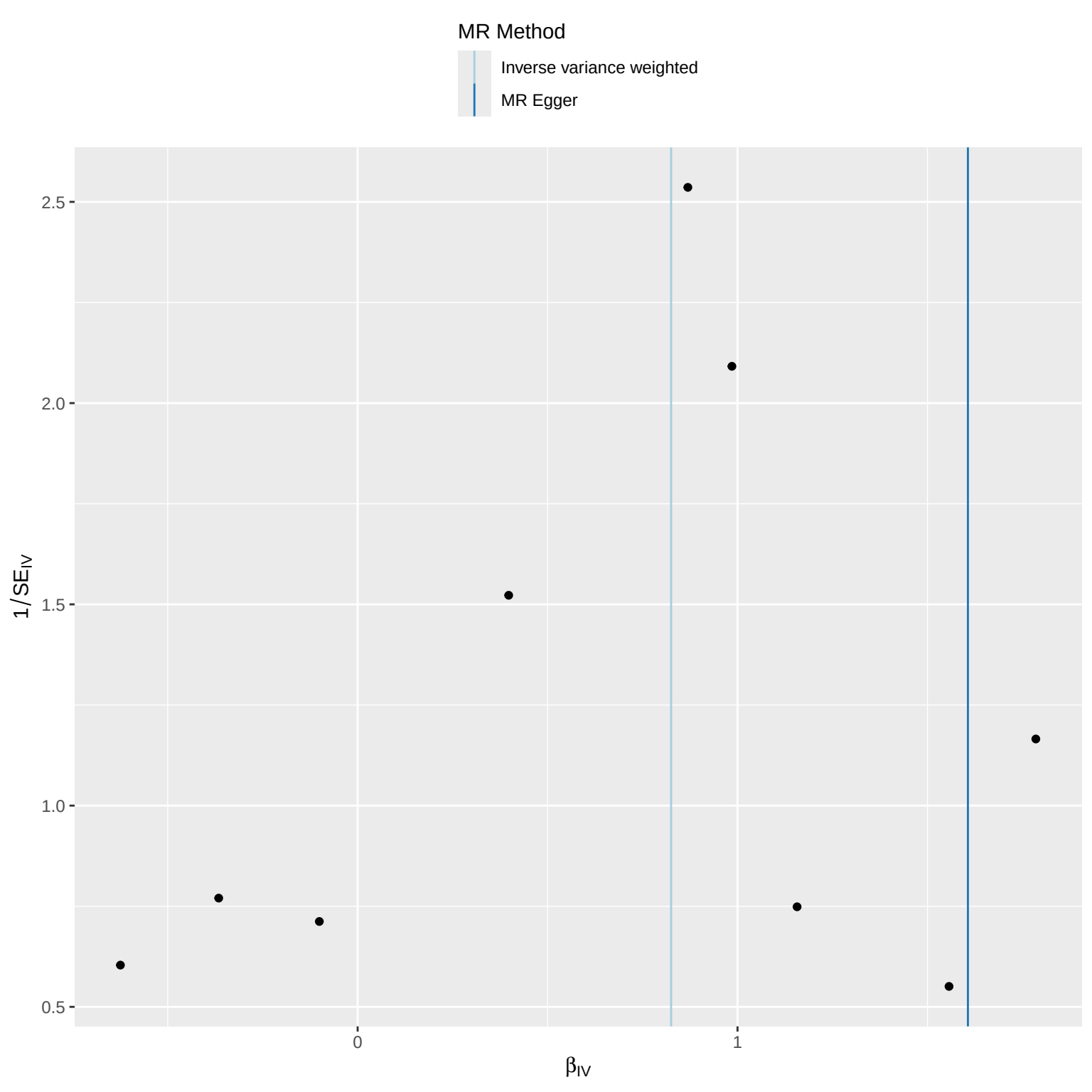

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
1
2
3
4
β_IV

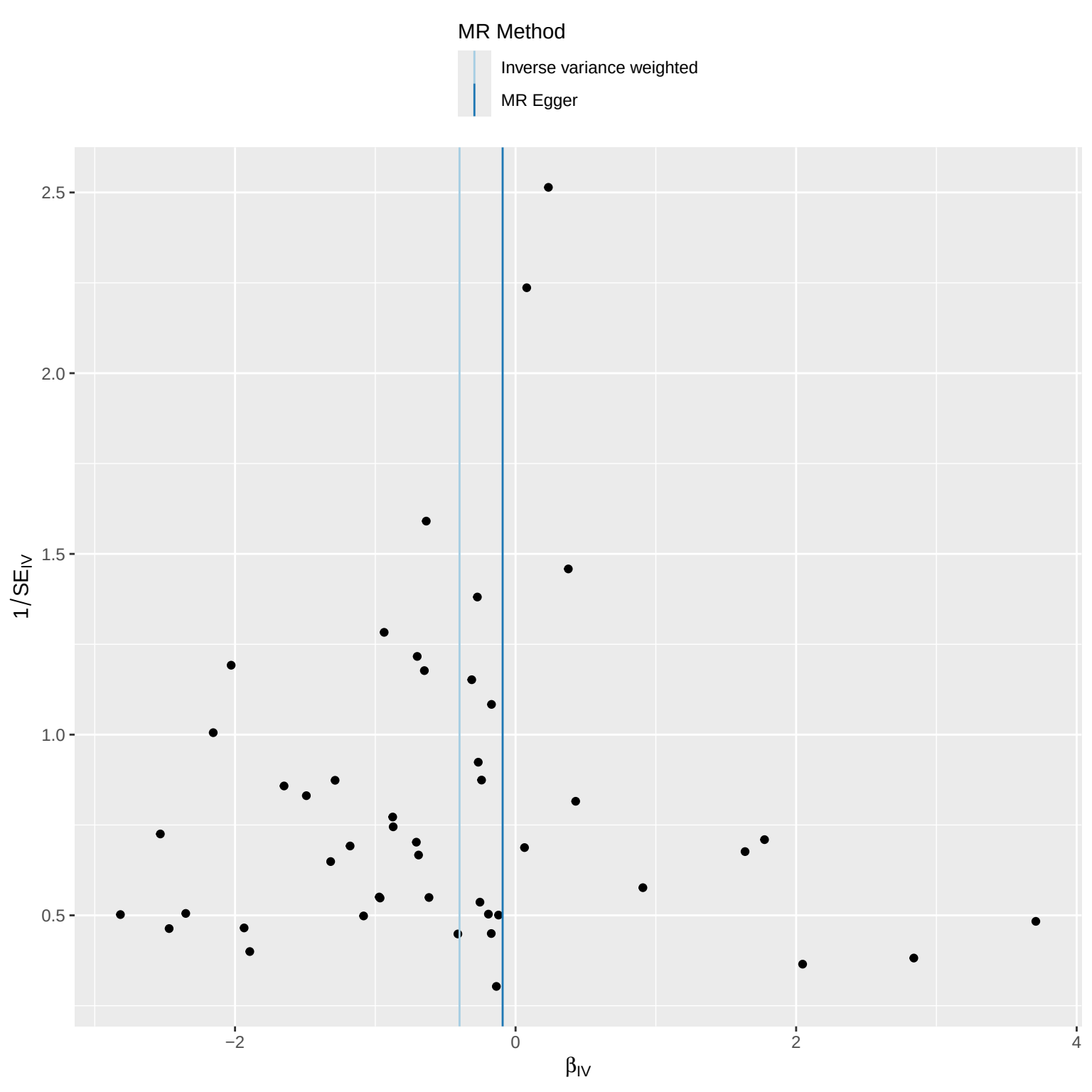

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5
0
5
β_IV

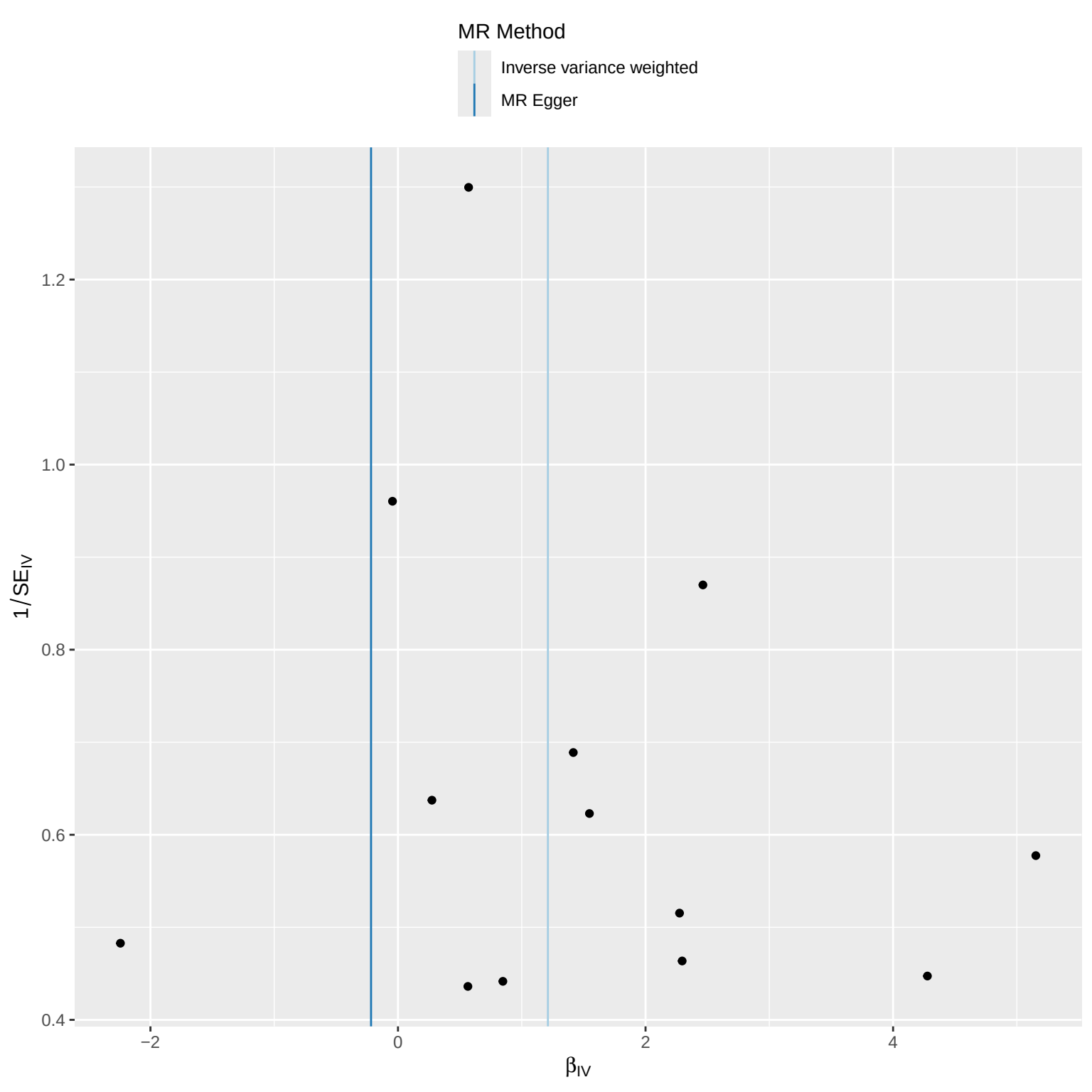

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
3
4
β_IV

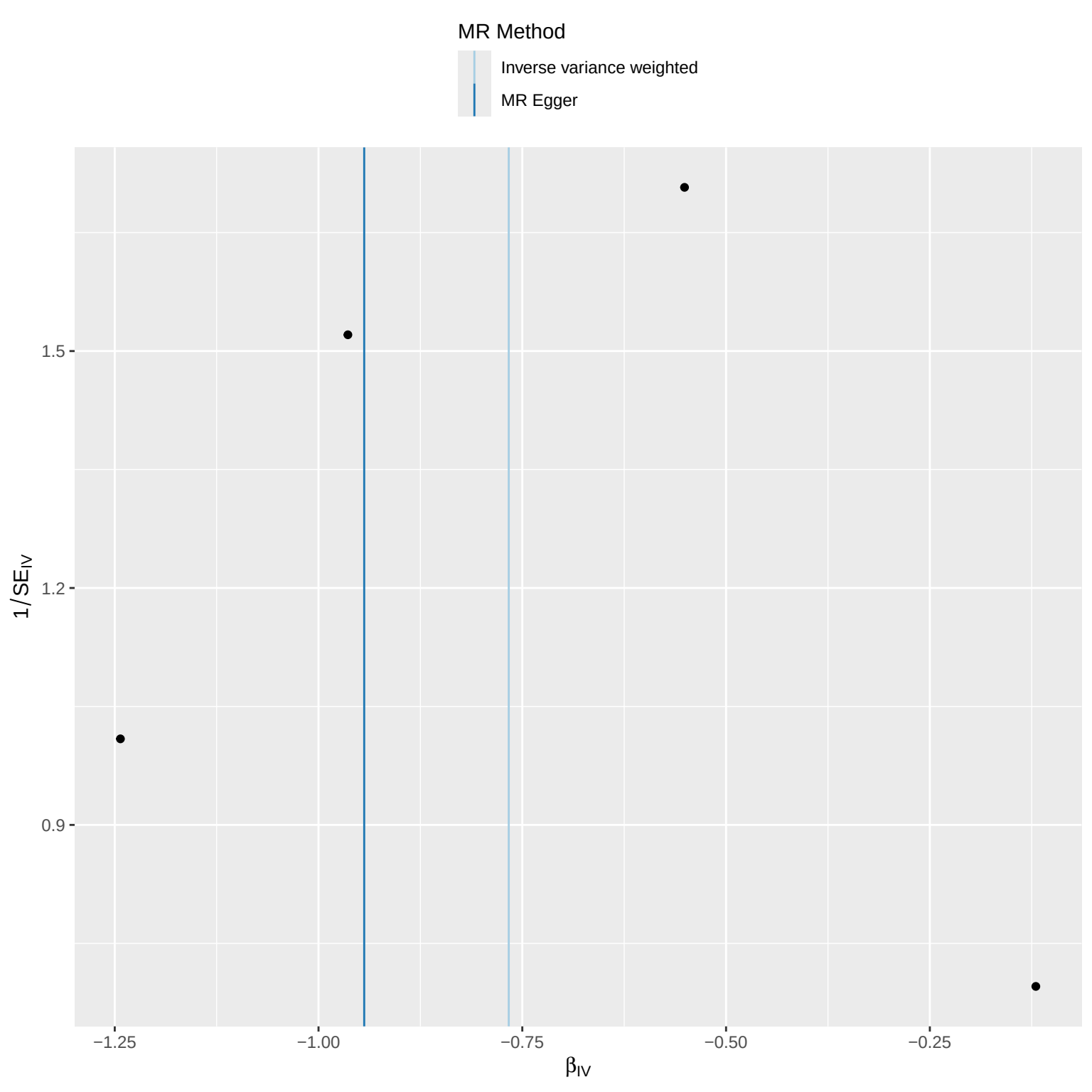

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
β_IV

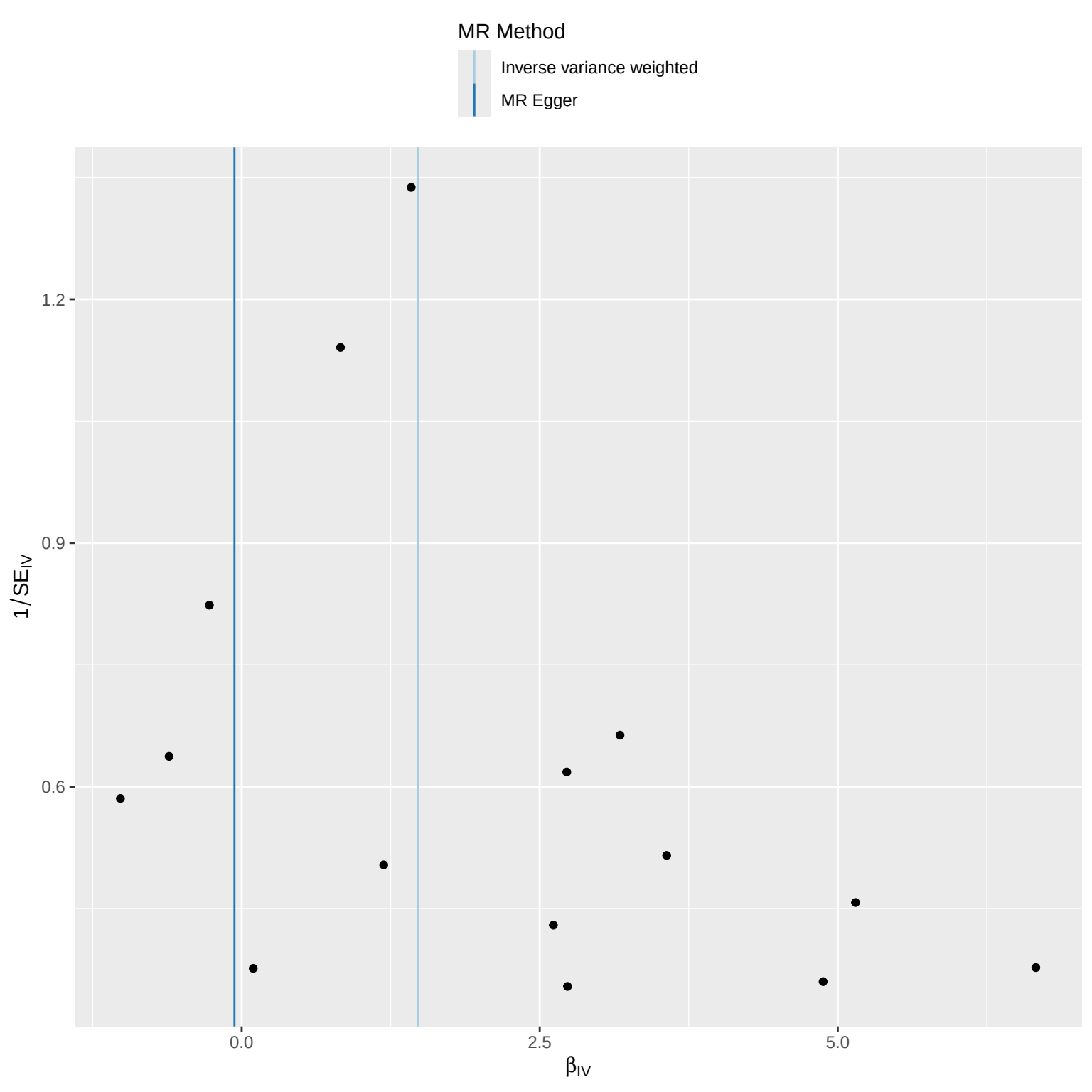

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

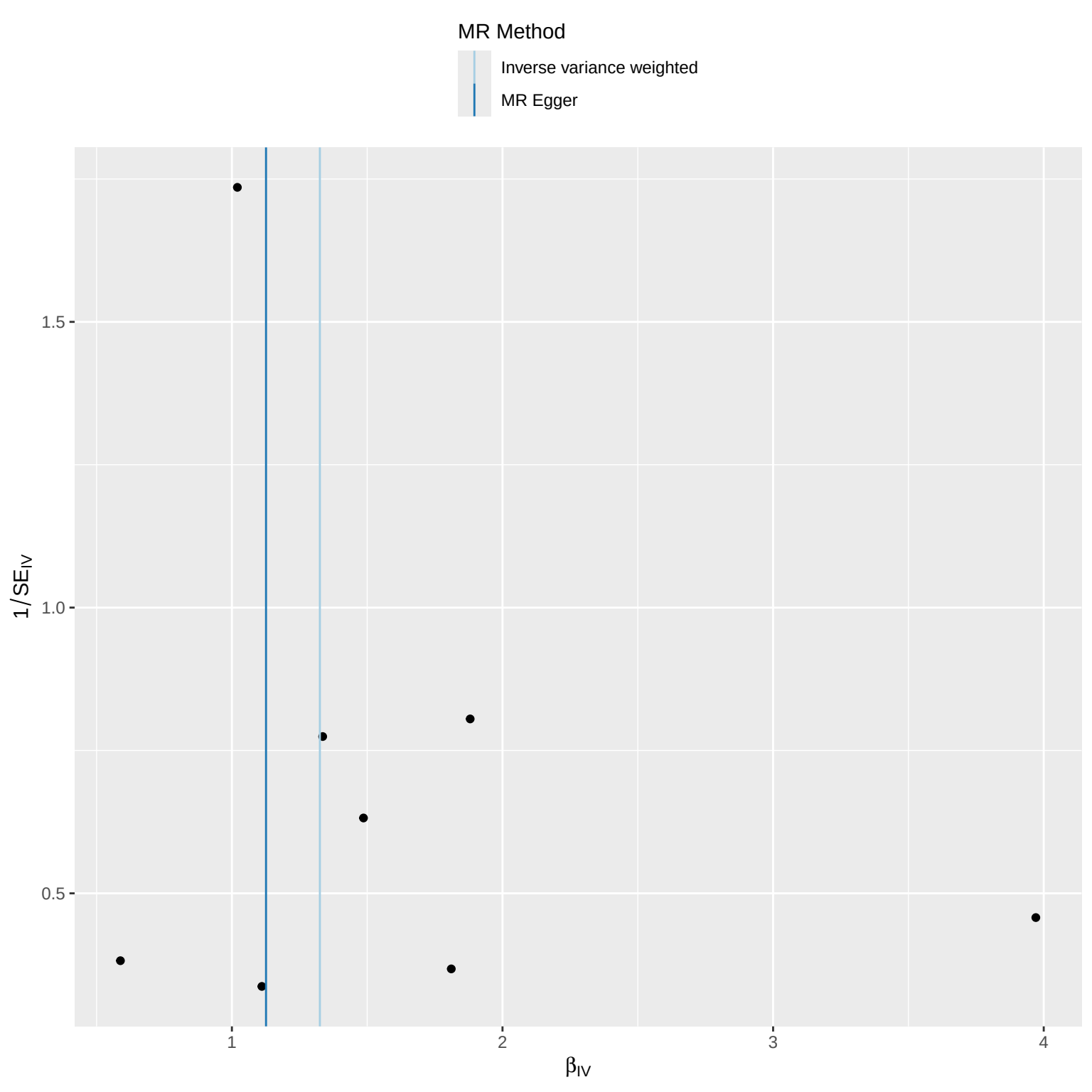

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
β_IV

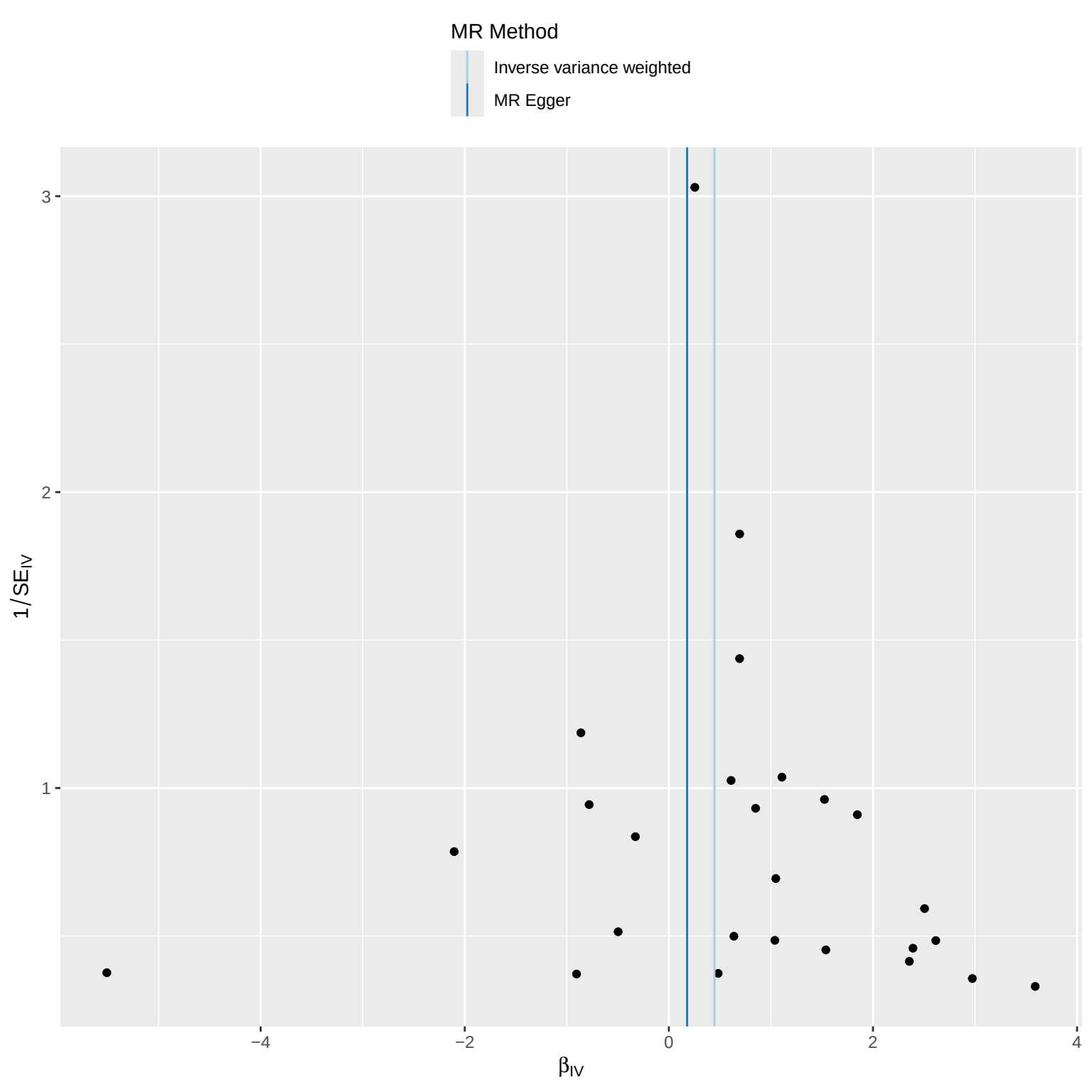

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

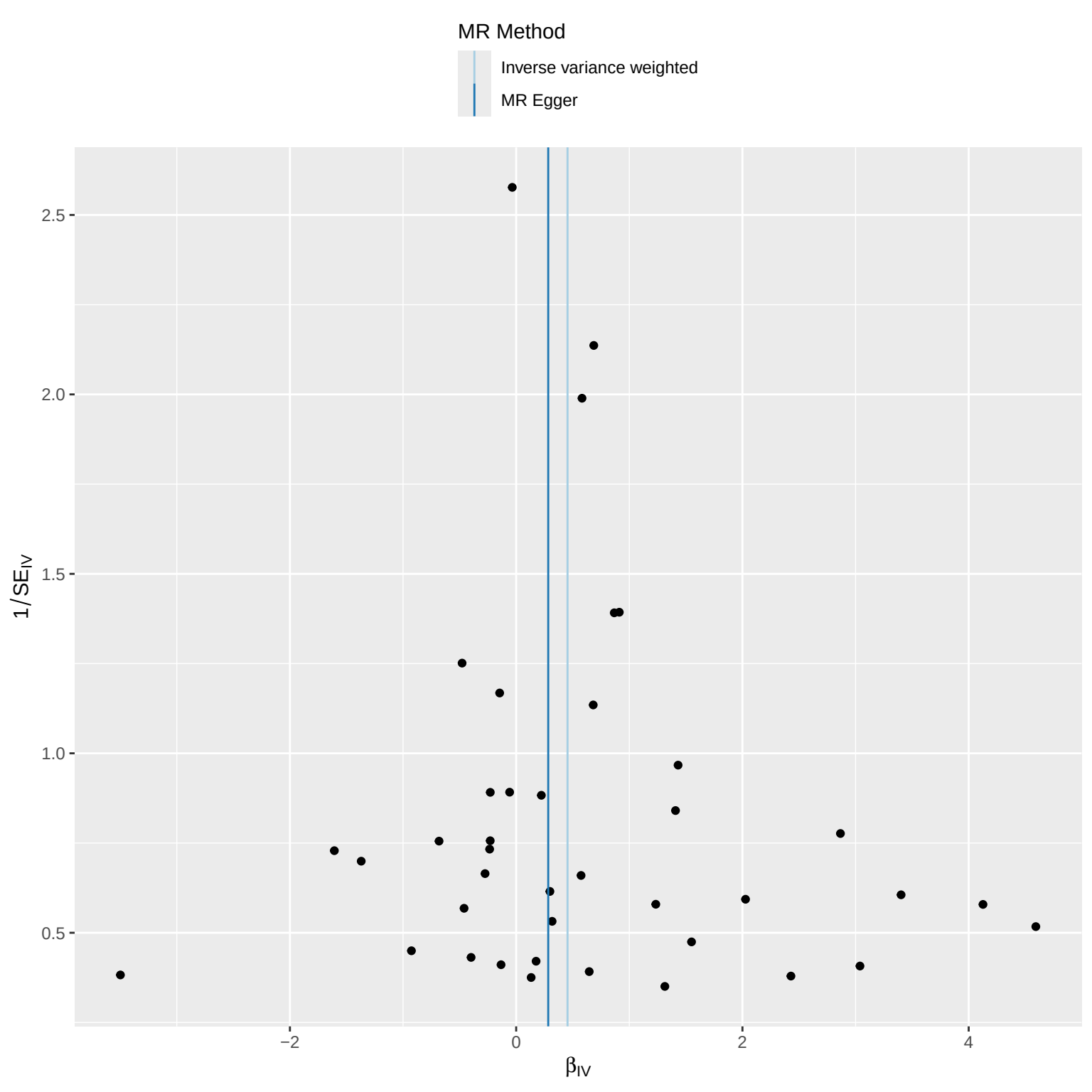

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
4
β_IV

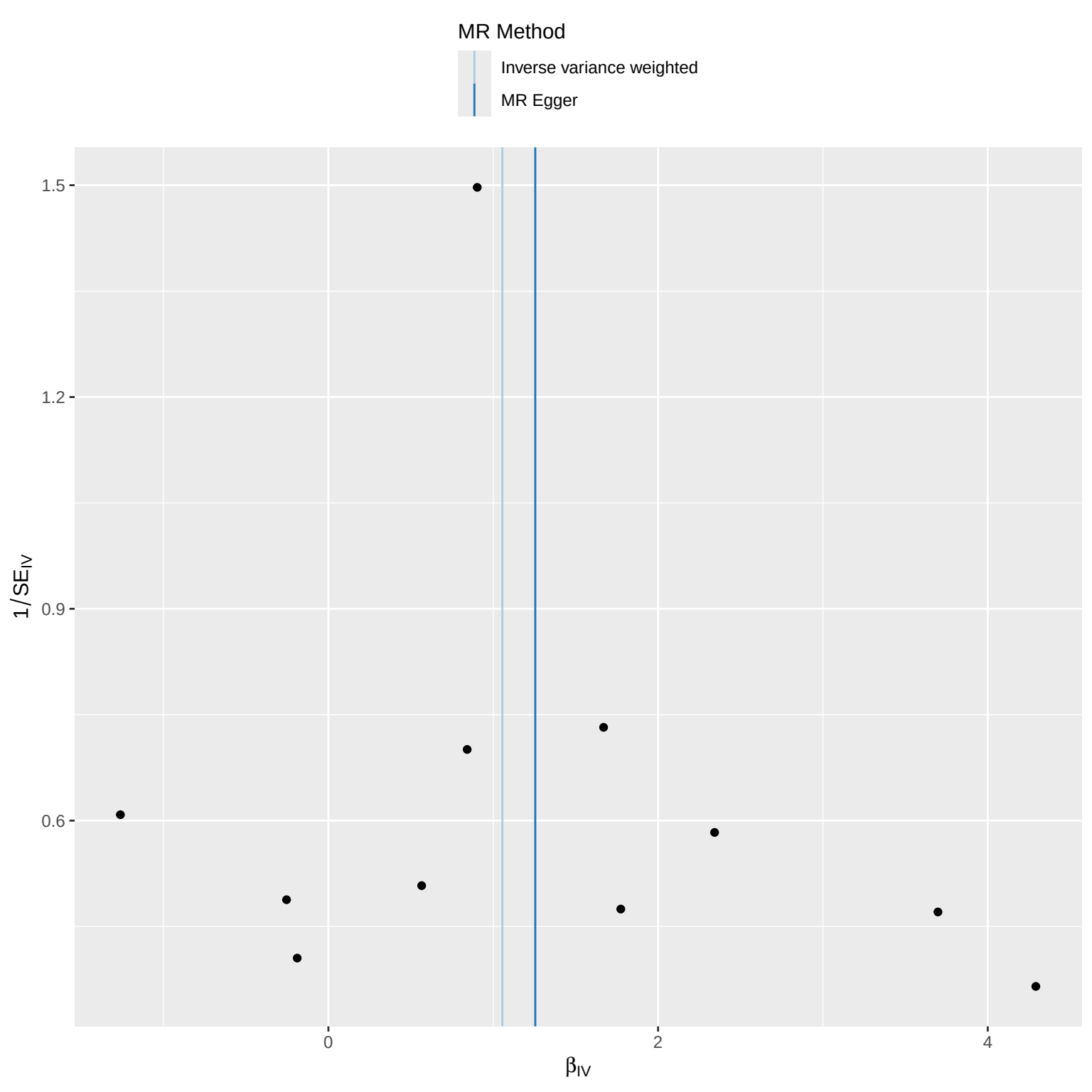

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
1/SE_IV
−1.25
−1.00
−0.75
−0.50
−0.25
β_IV

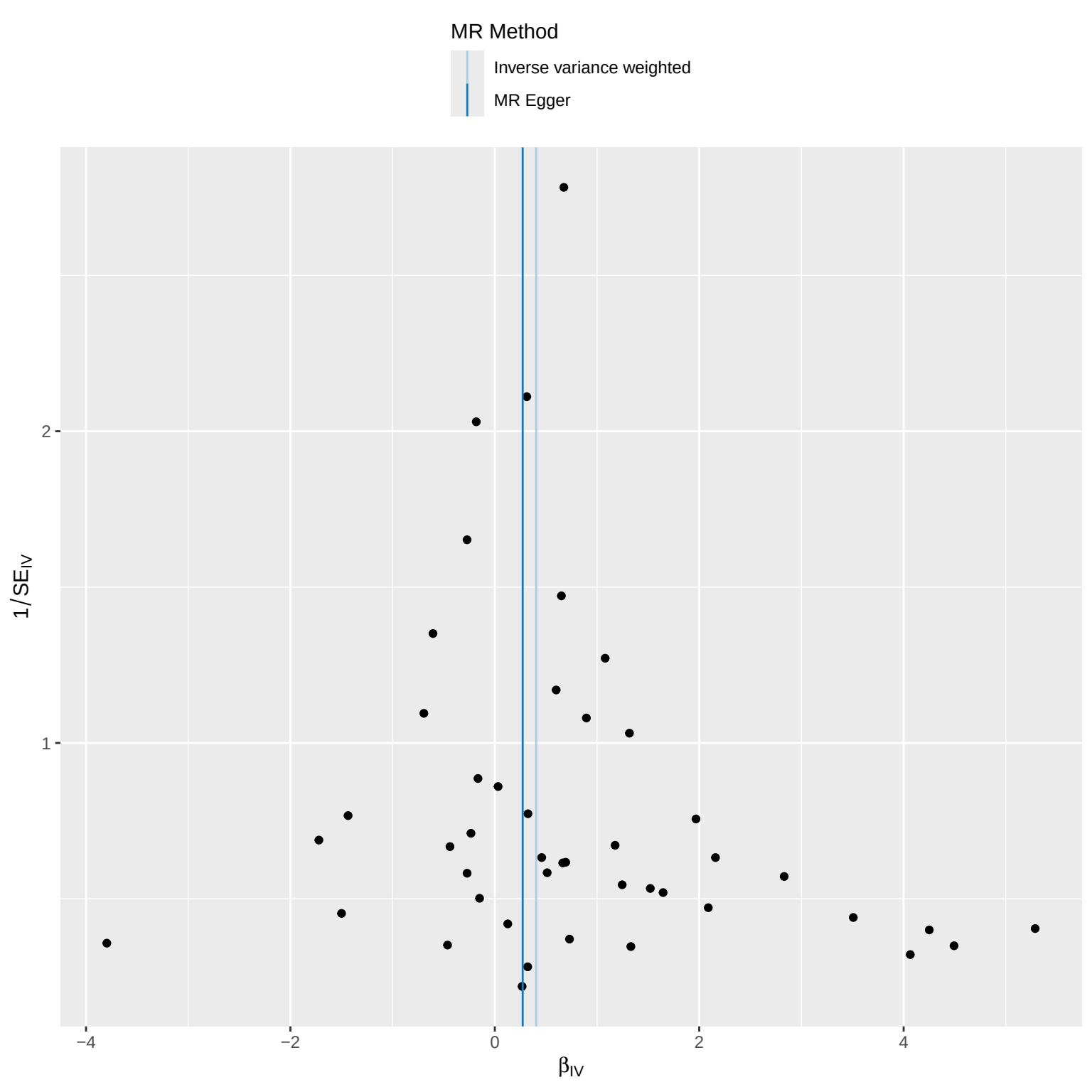

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
0.0
2.5
5.0
β_IV

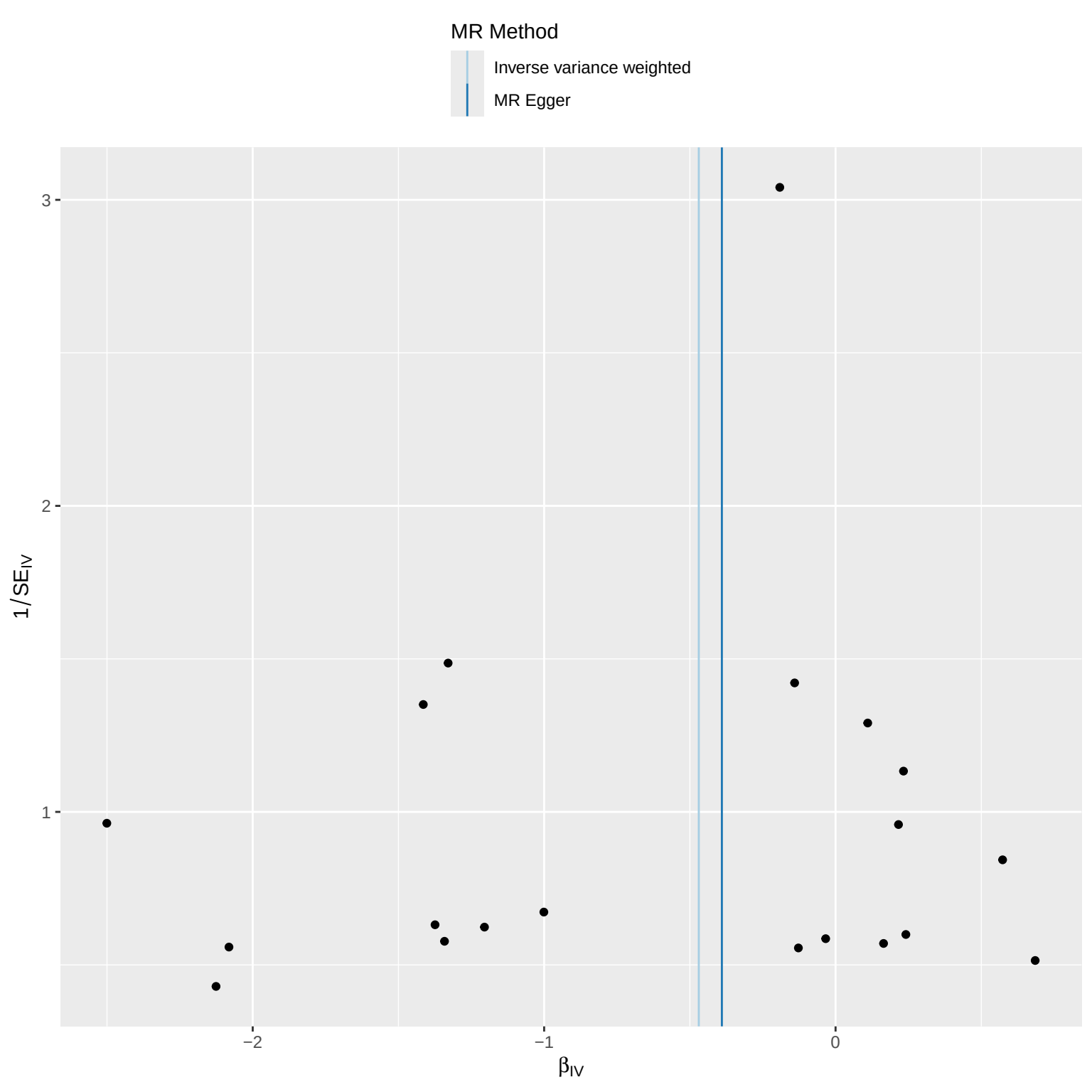

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
1.5
1.0
0.5
1
2
3
4
β_IV

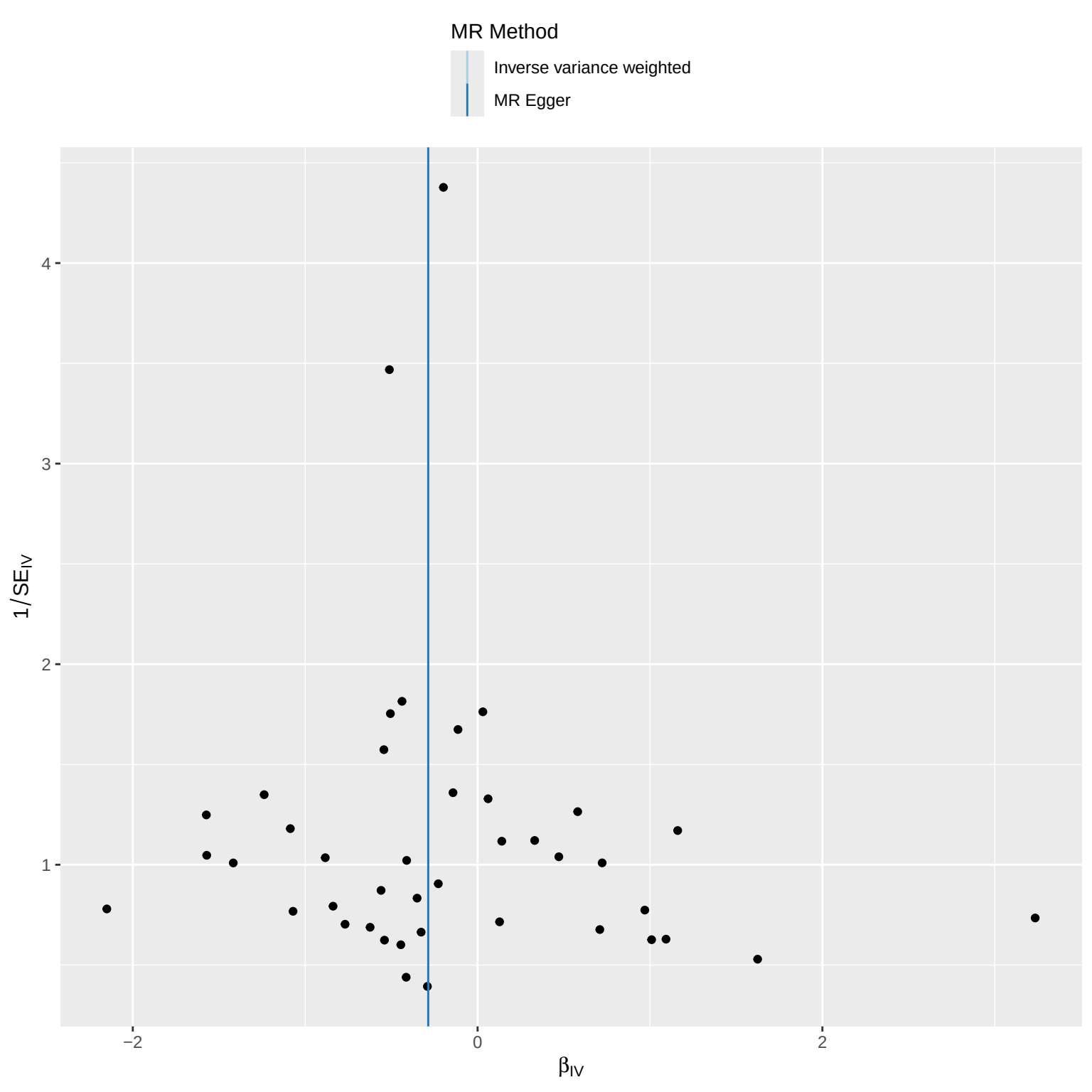

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

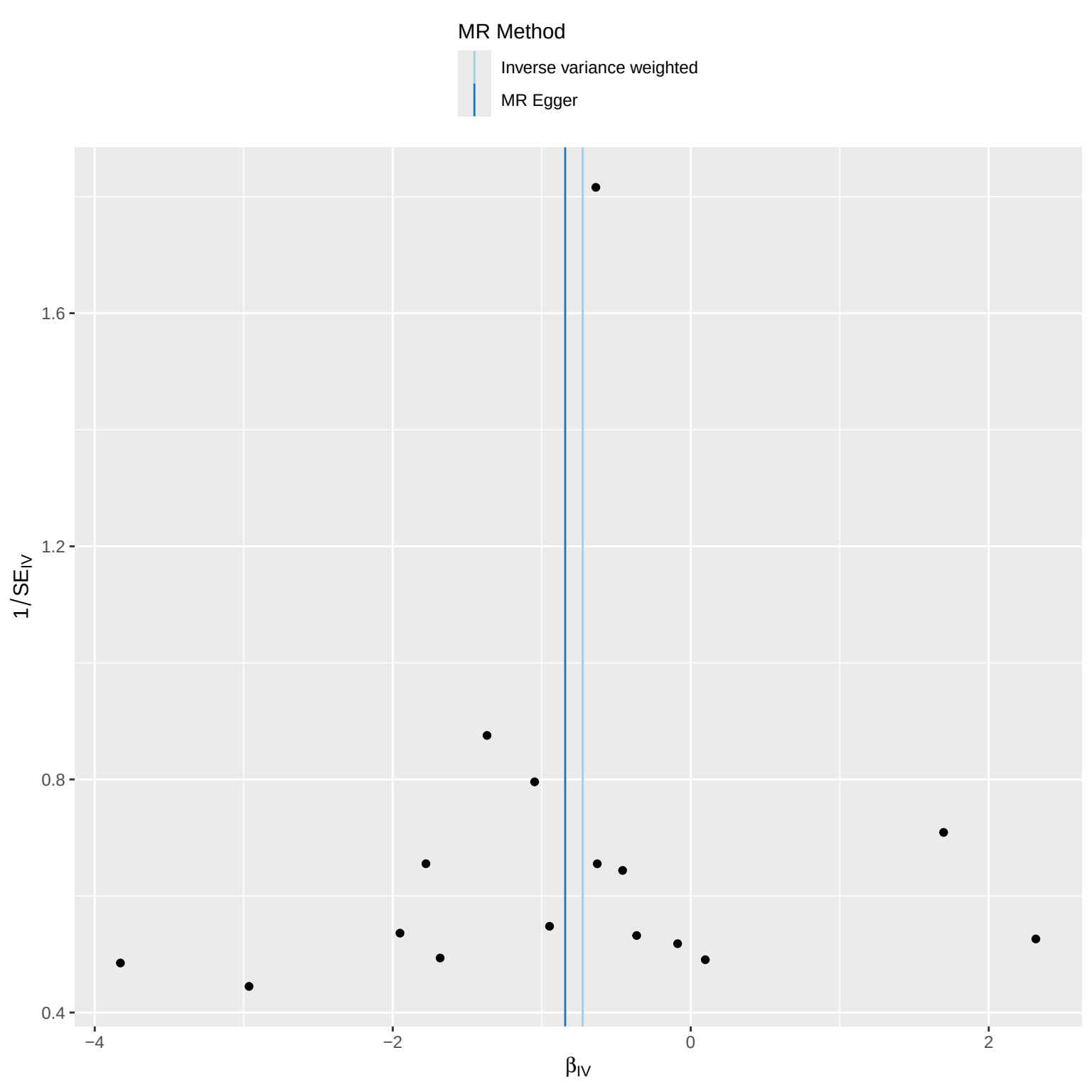

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

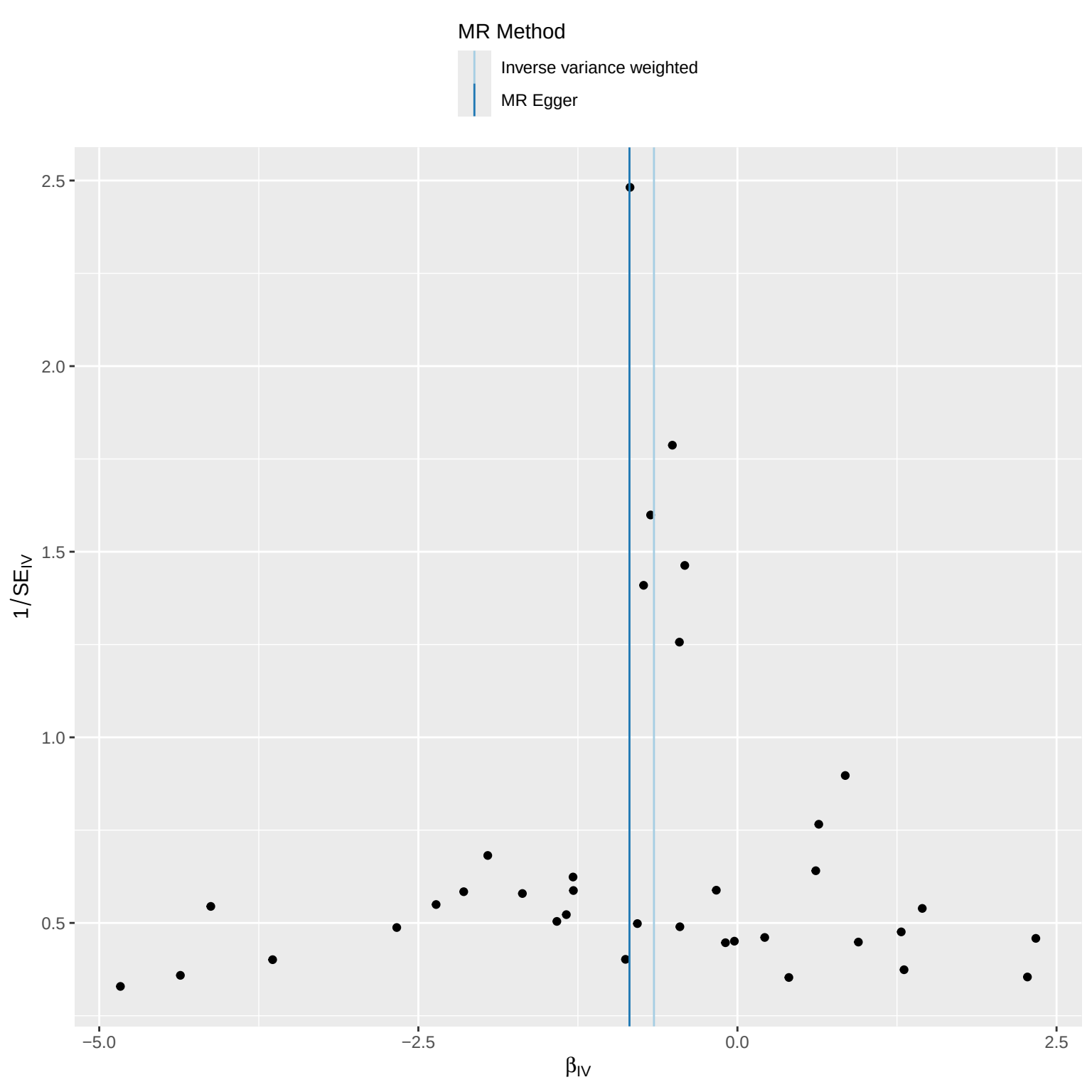

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0
2
4
β_IV

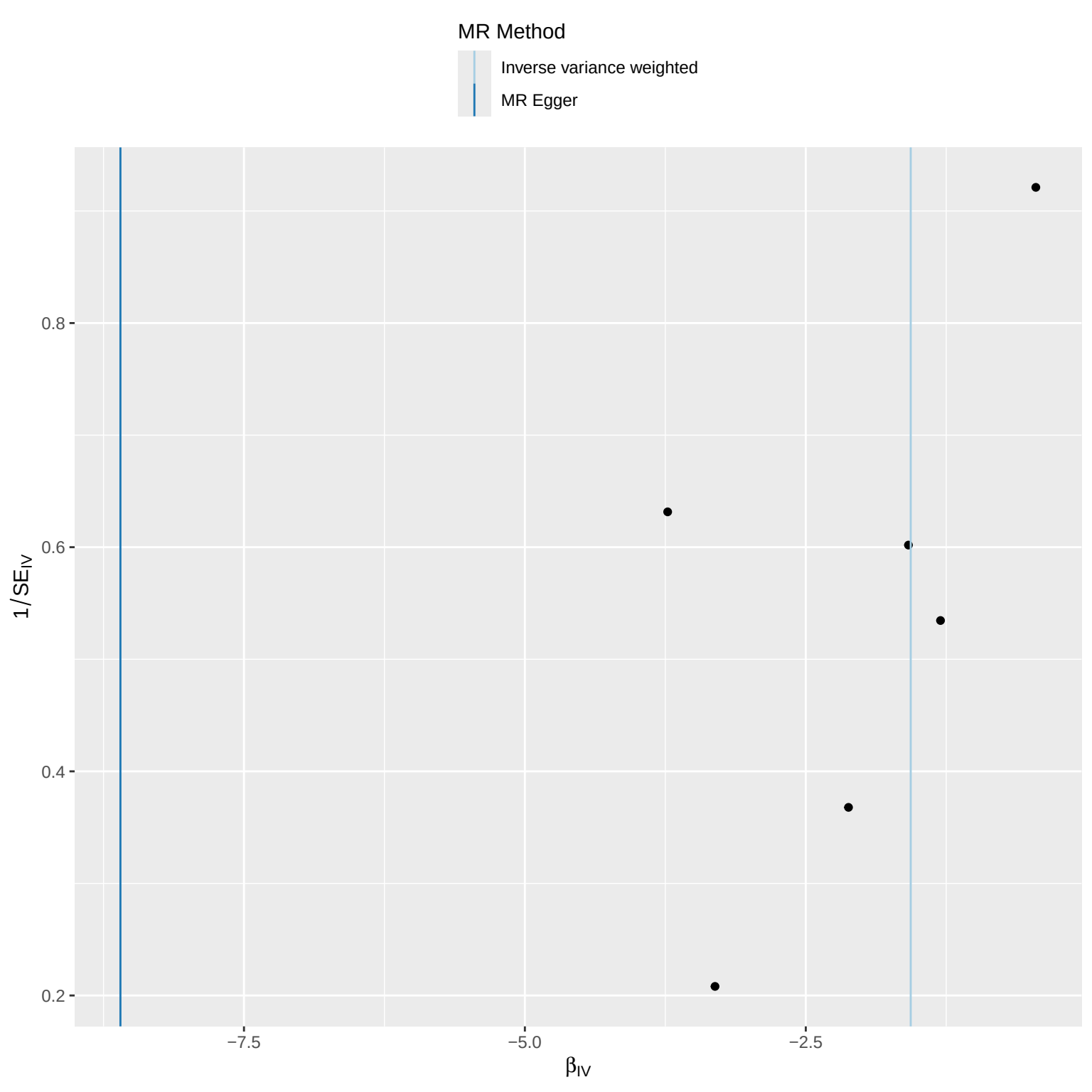

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

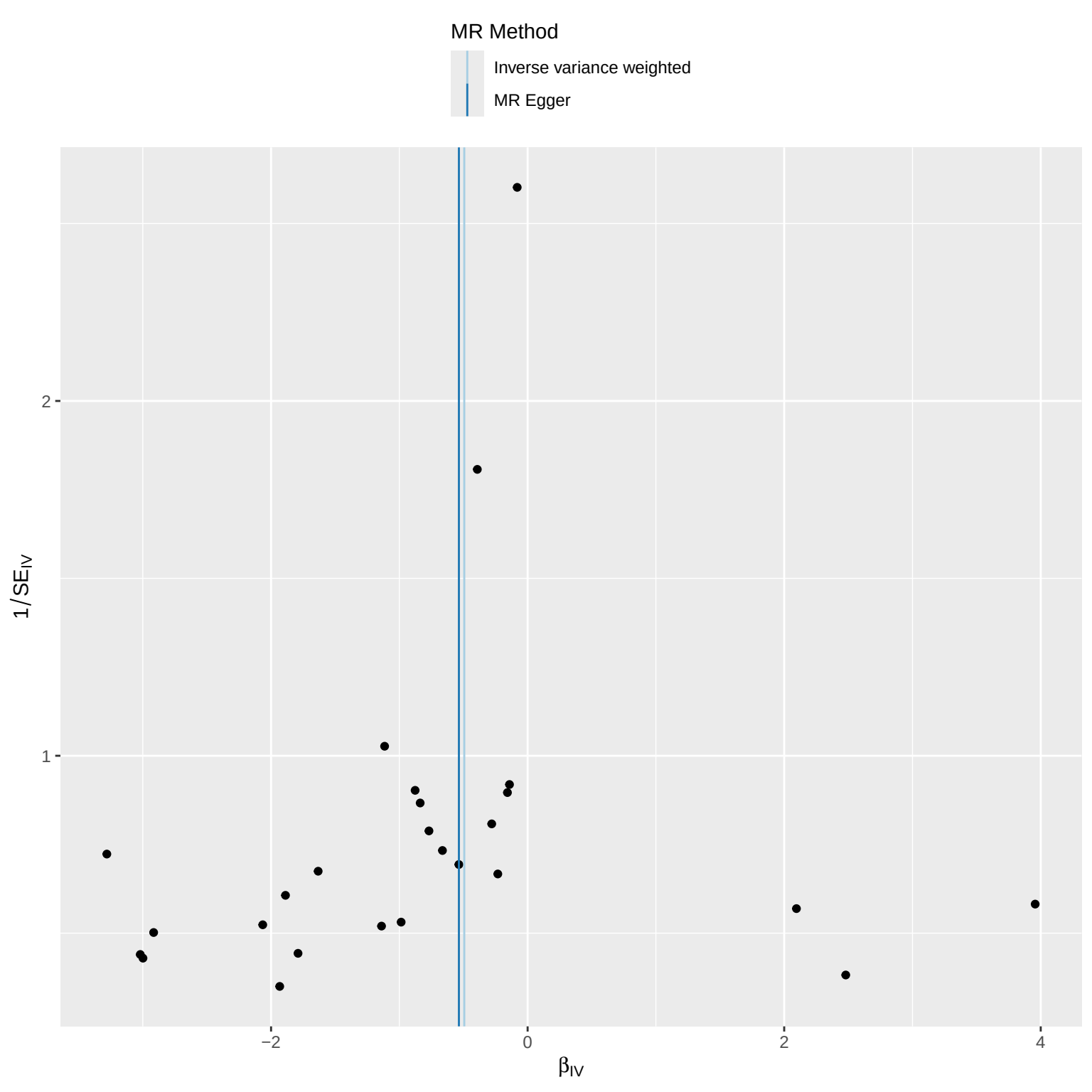

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

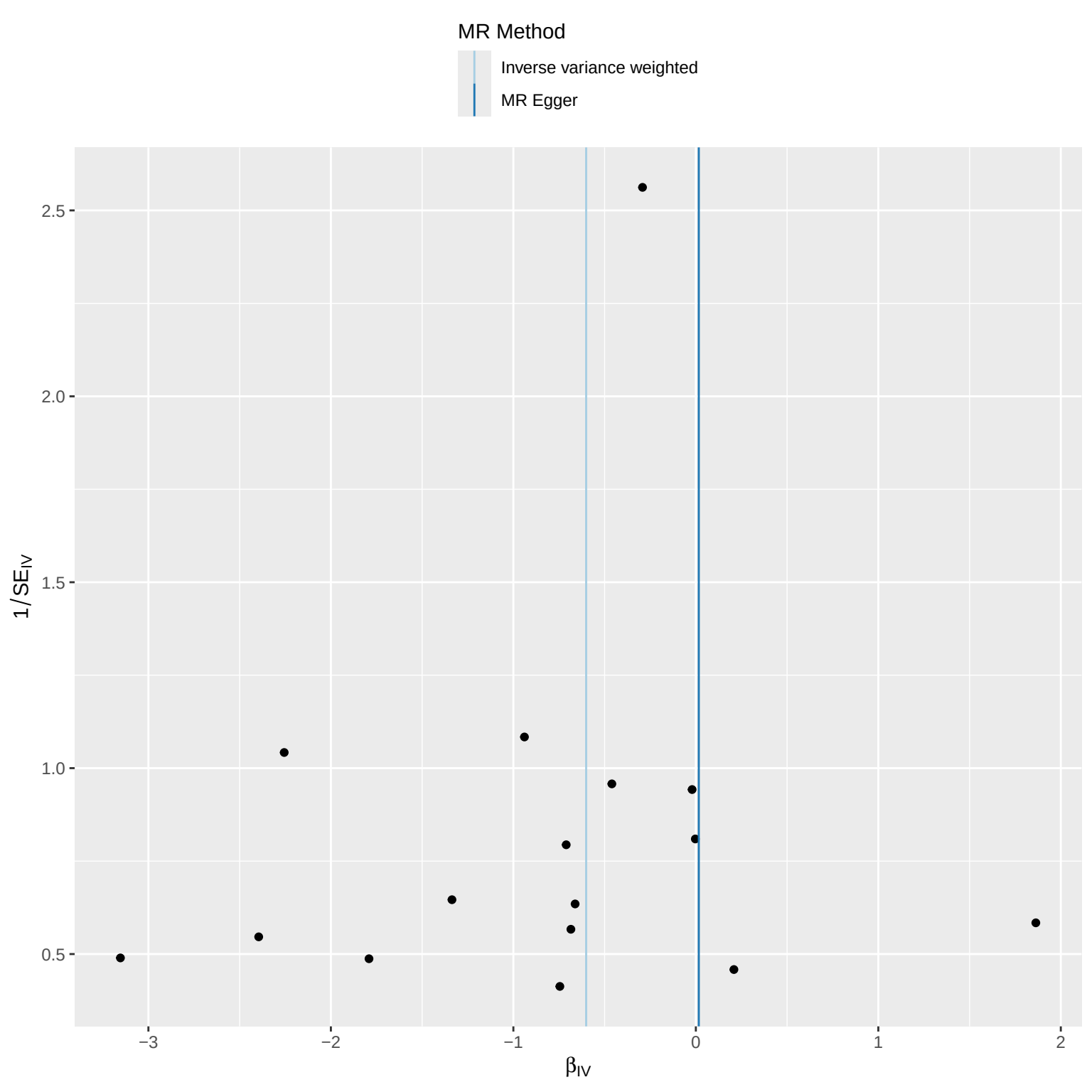

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

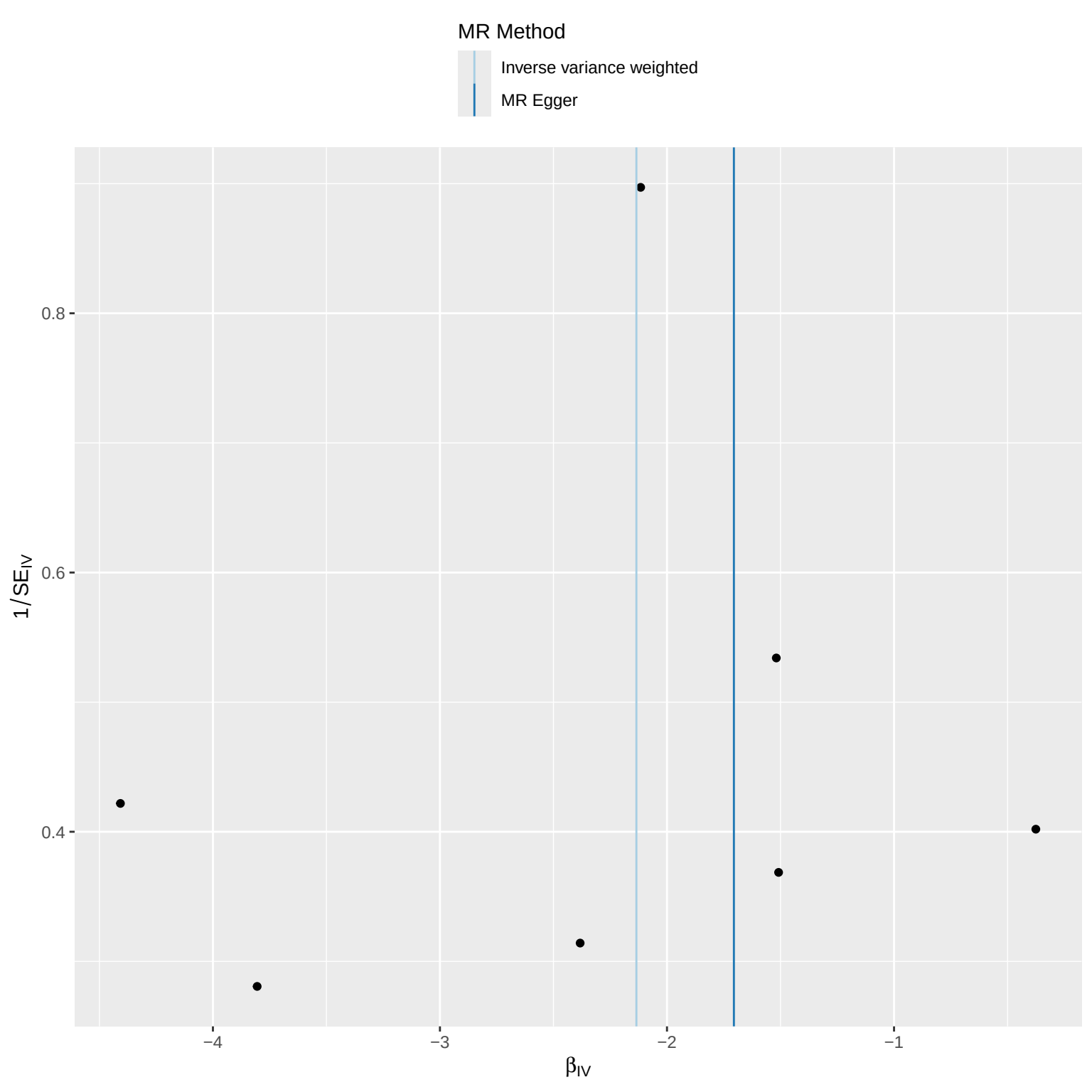

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
β_IV

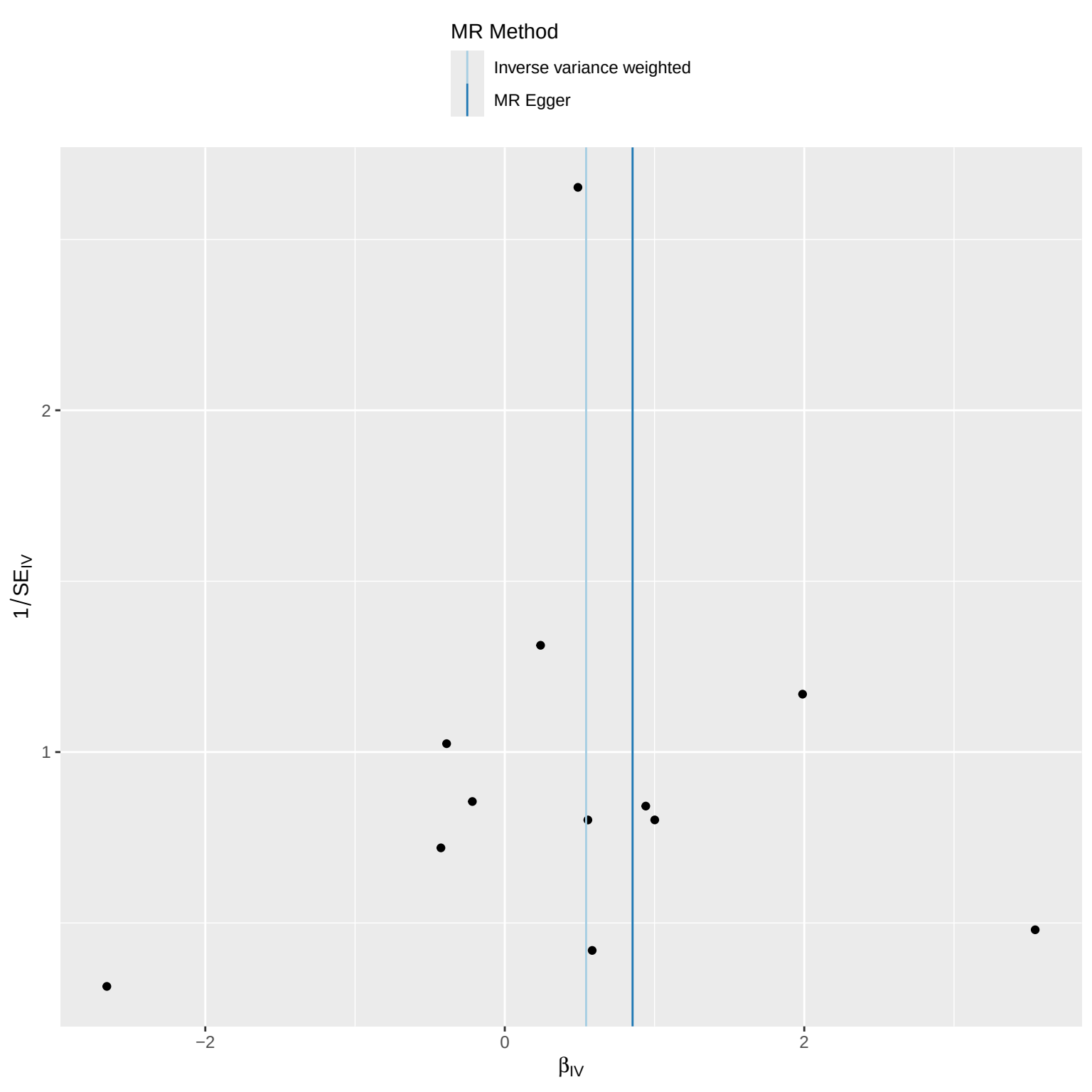

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

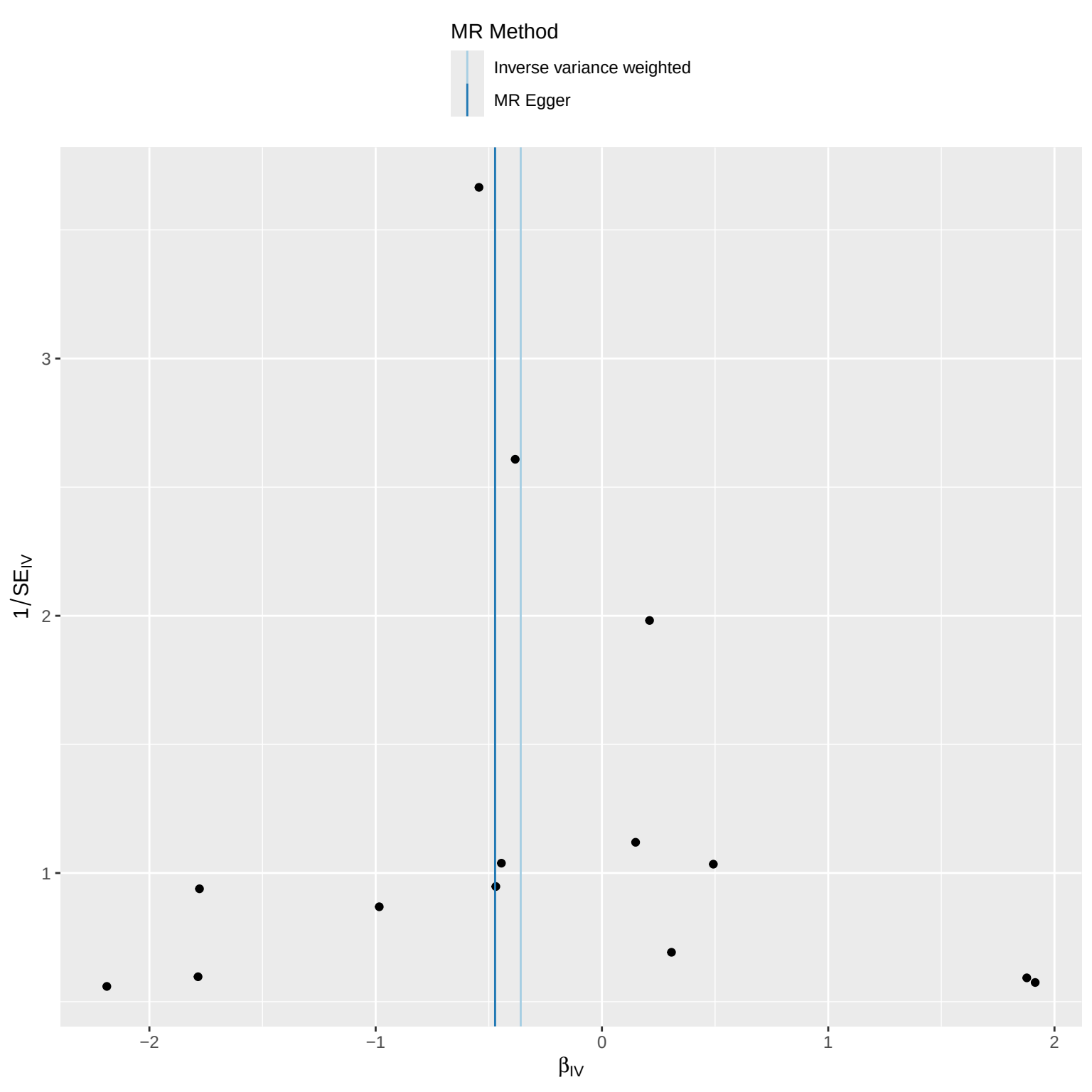

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
0.2
1/SE_IV
−7.5
−5.0
−2.5
β_IV

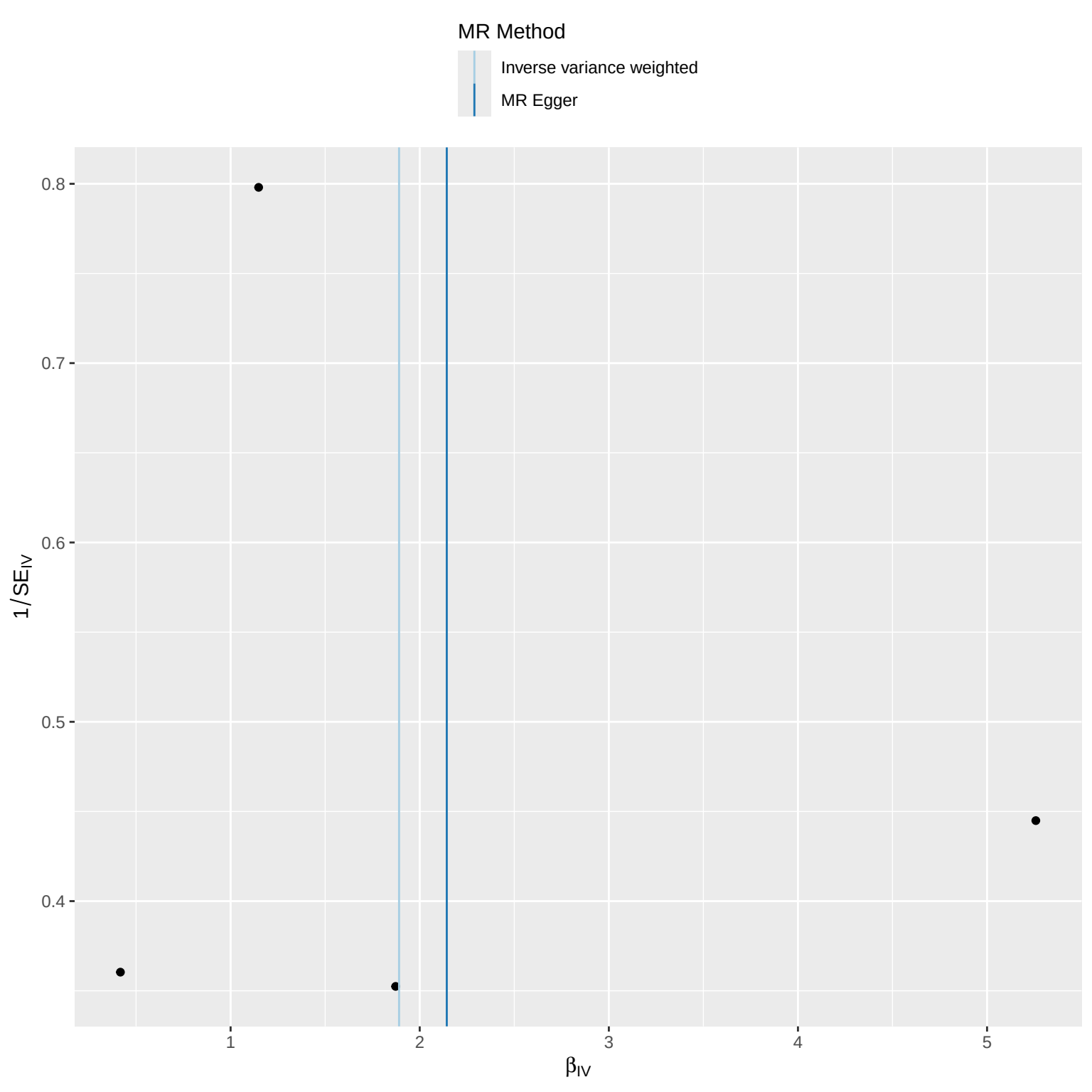

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

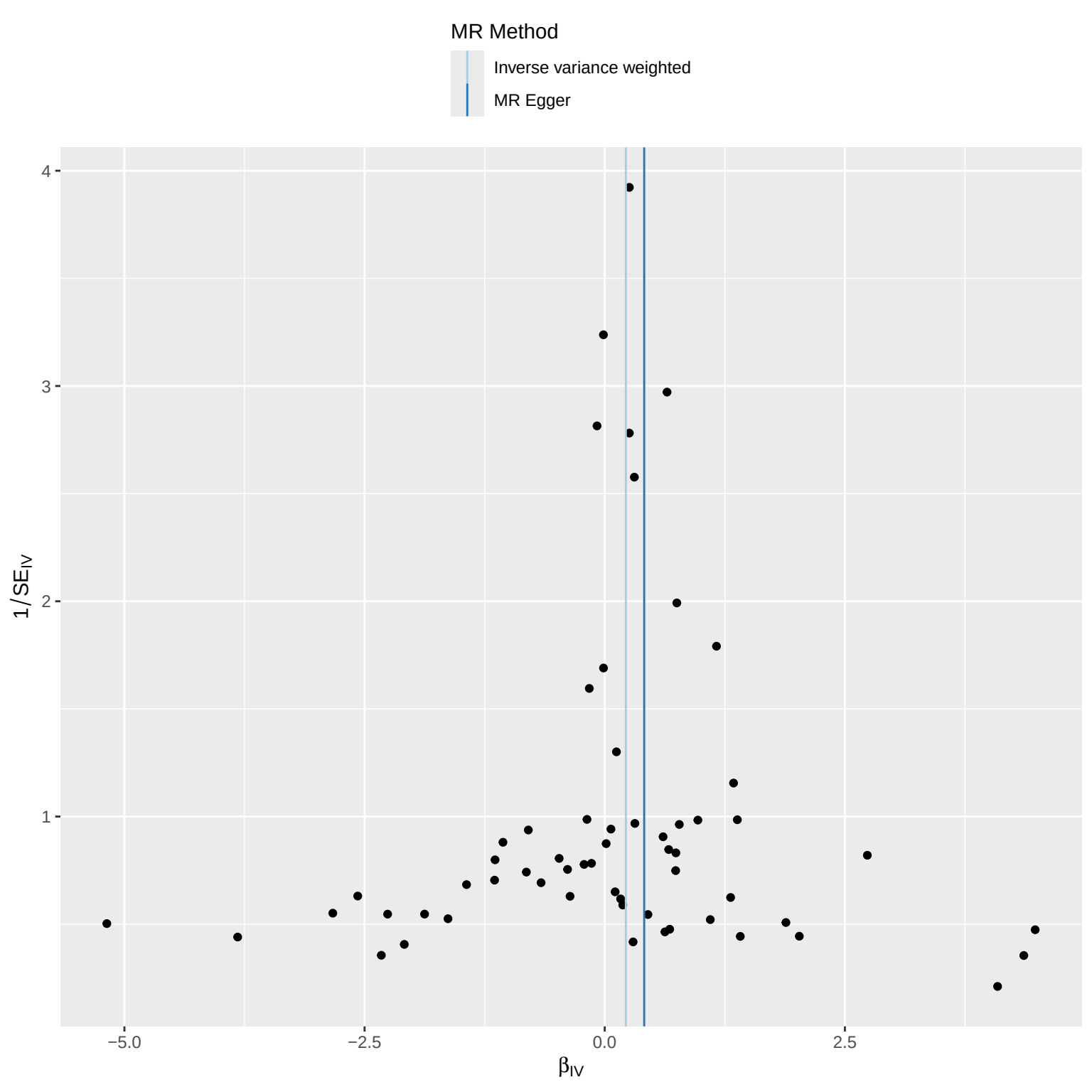

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

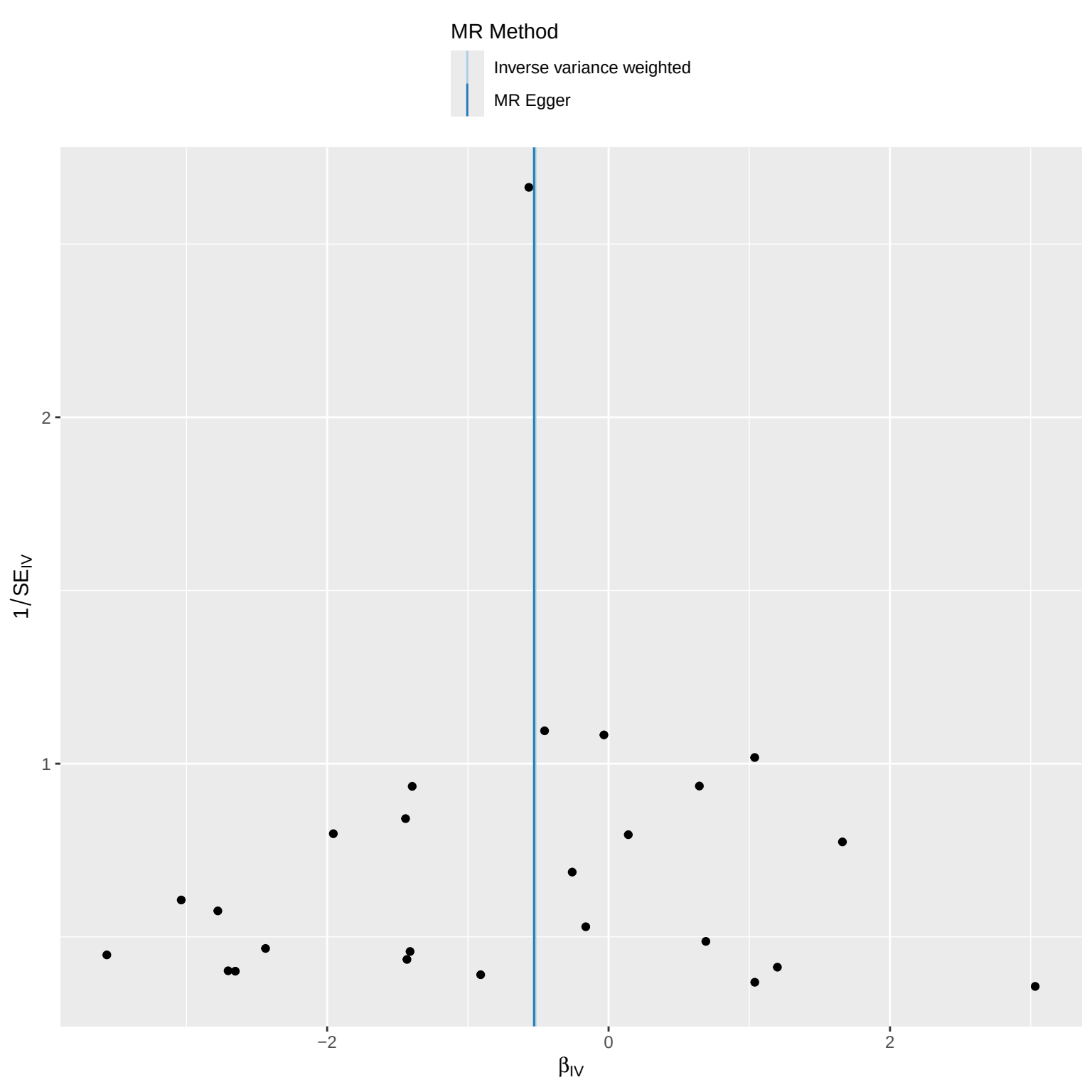

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
β_IV

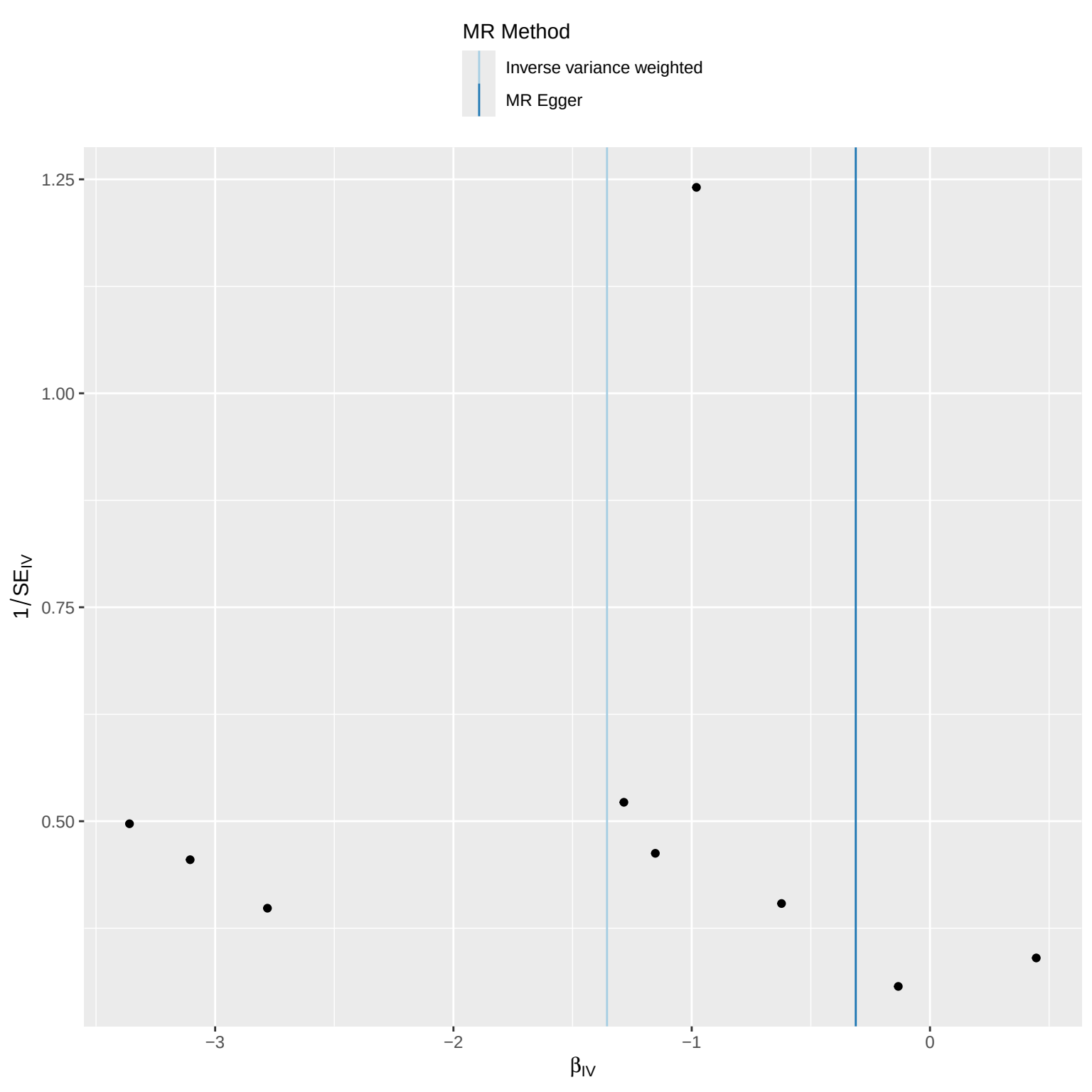

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

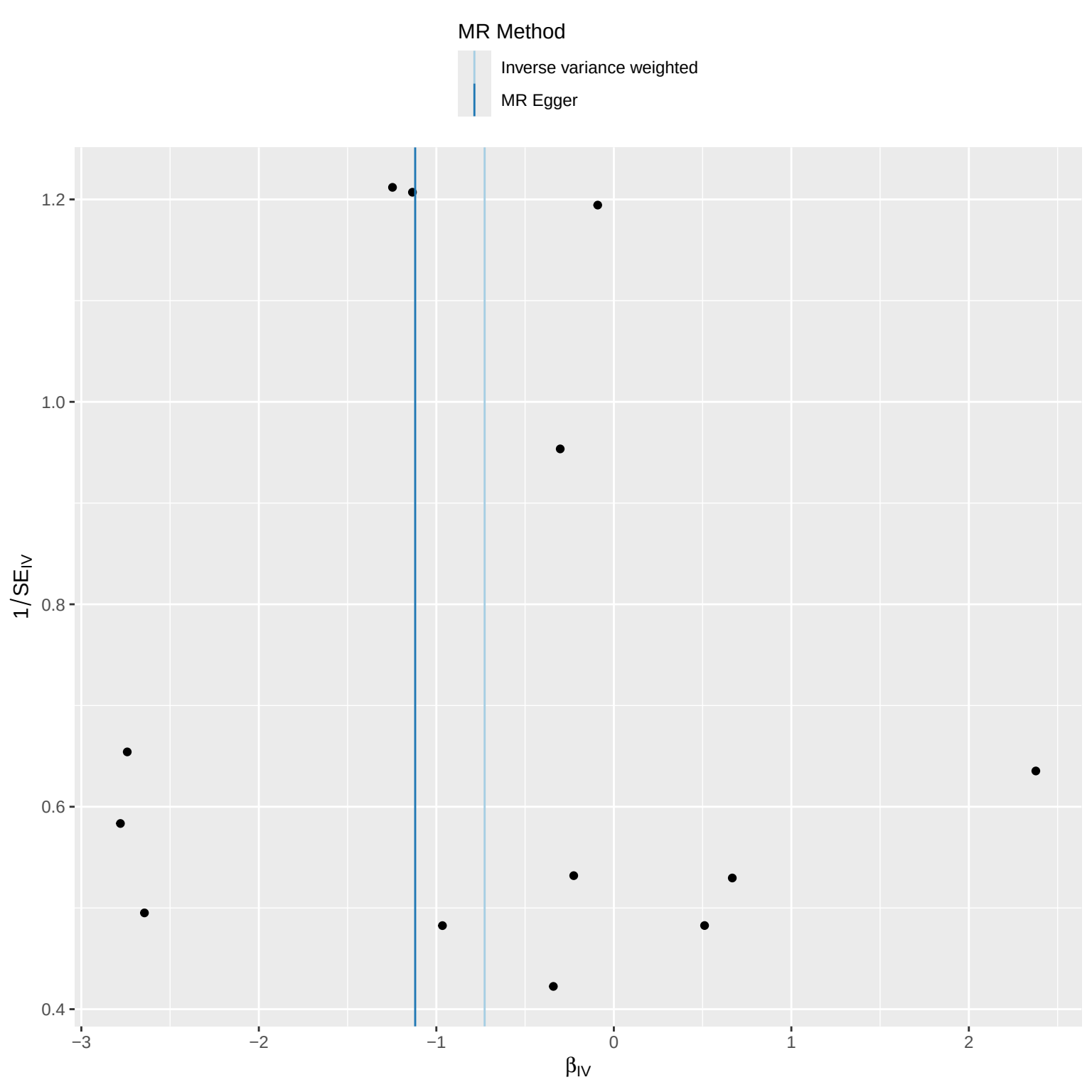

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

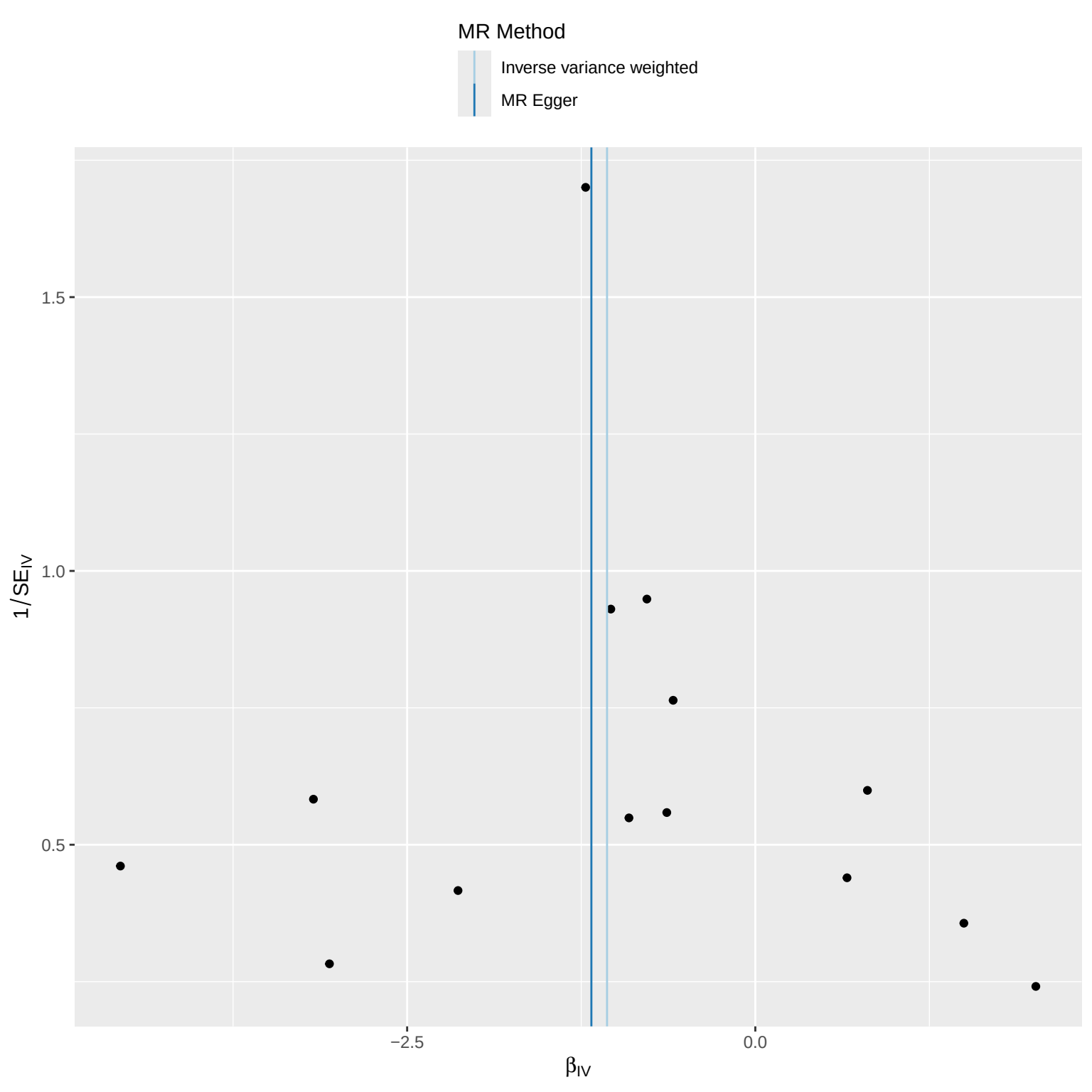

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
1
2
3
4
5
β_IV

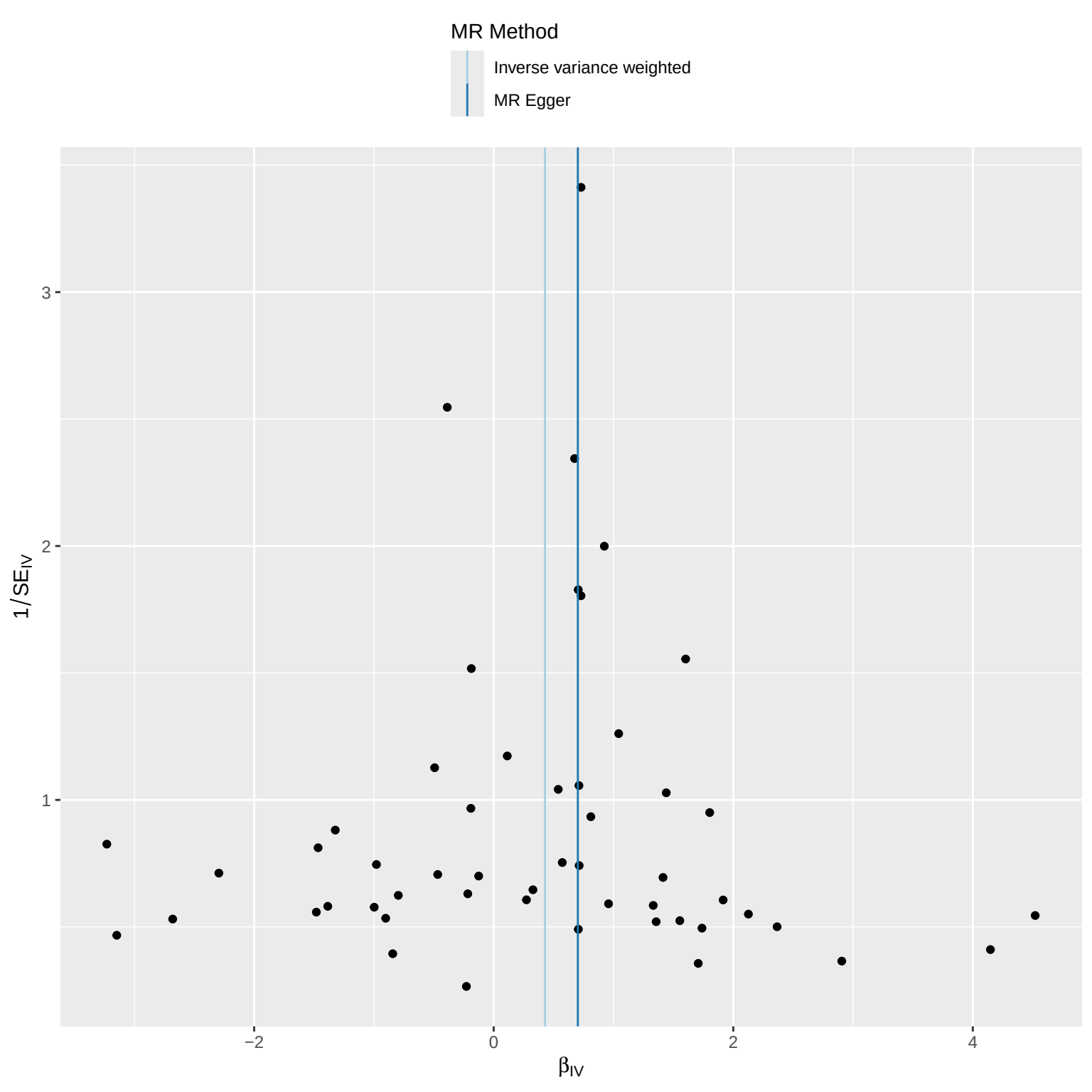

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

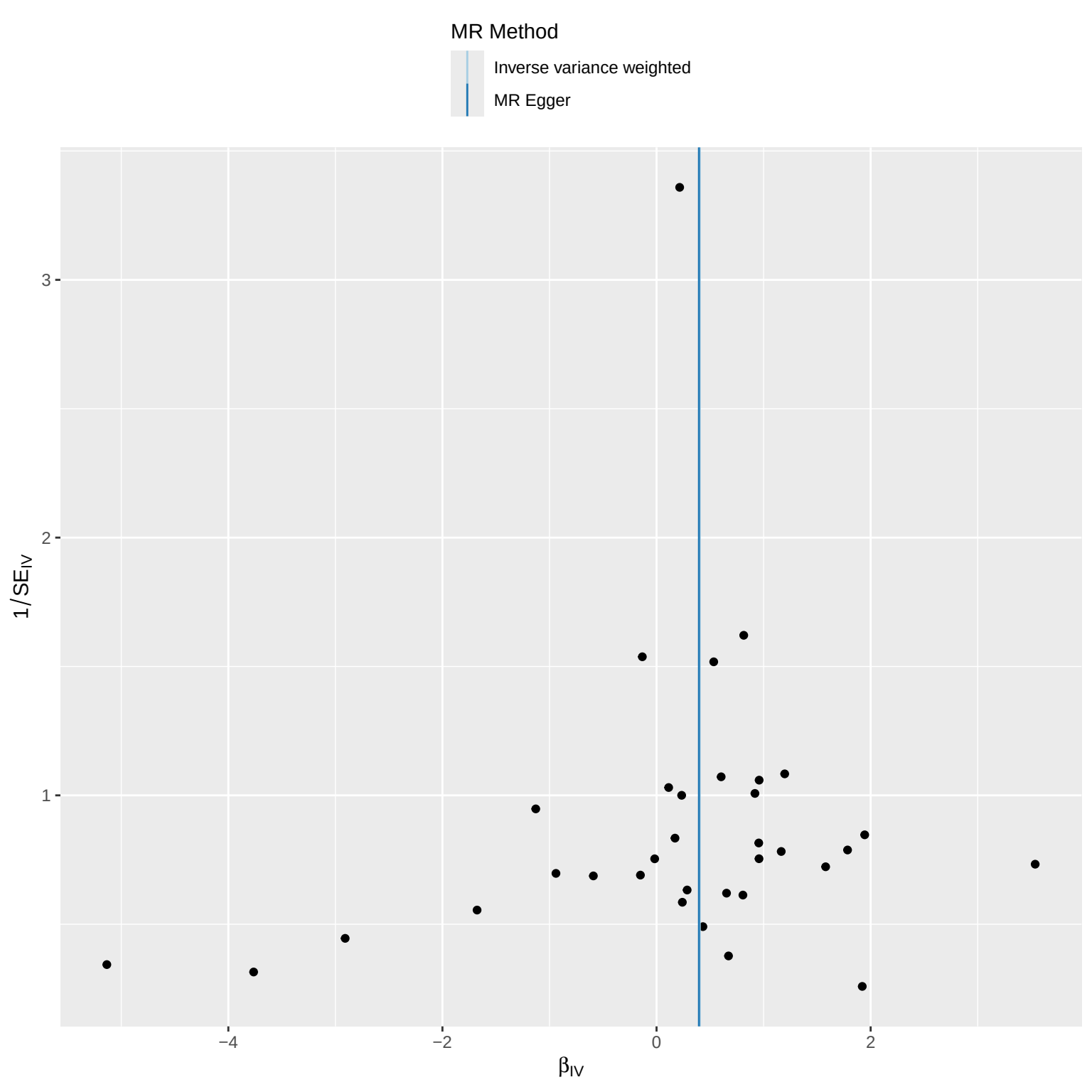

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

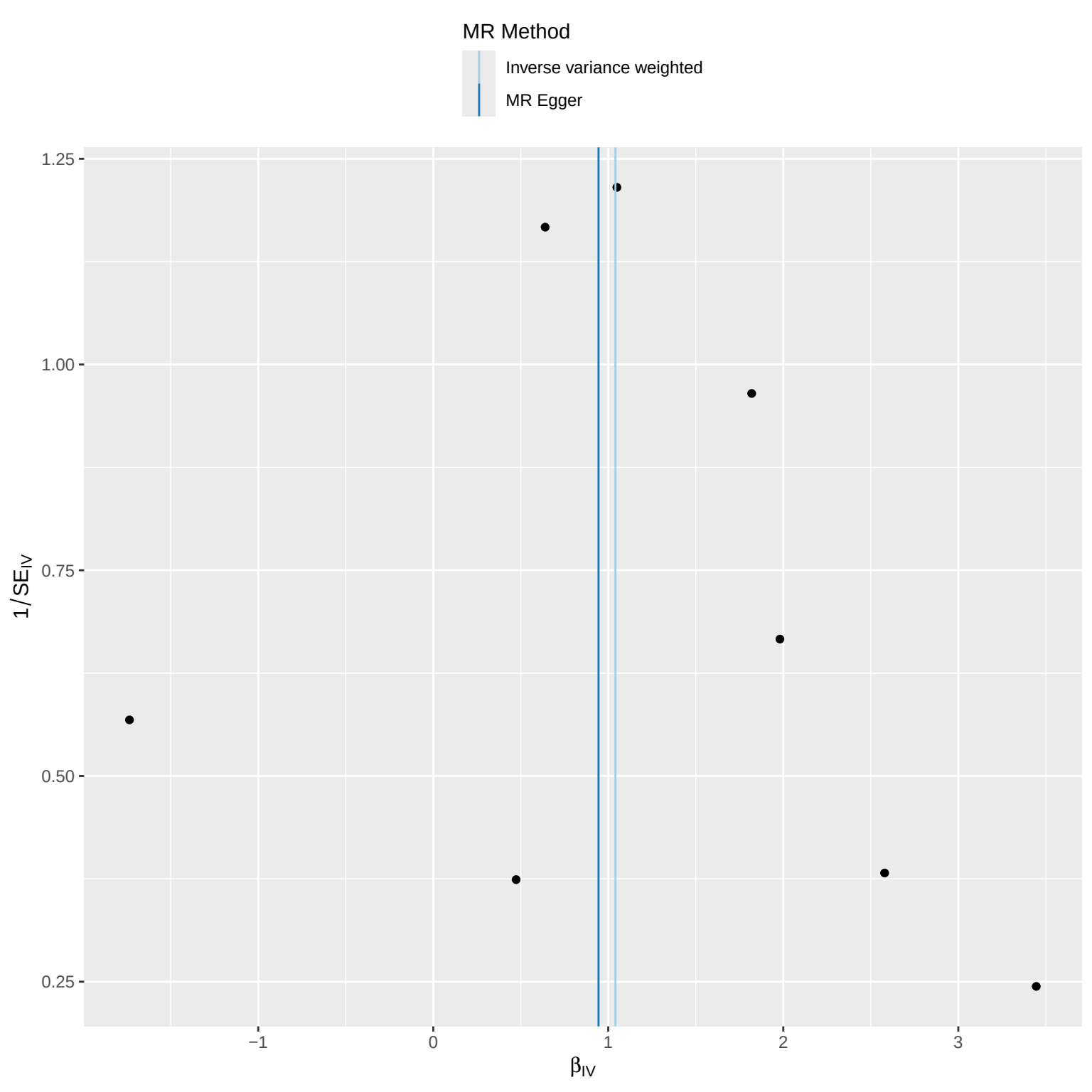

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
β_IV

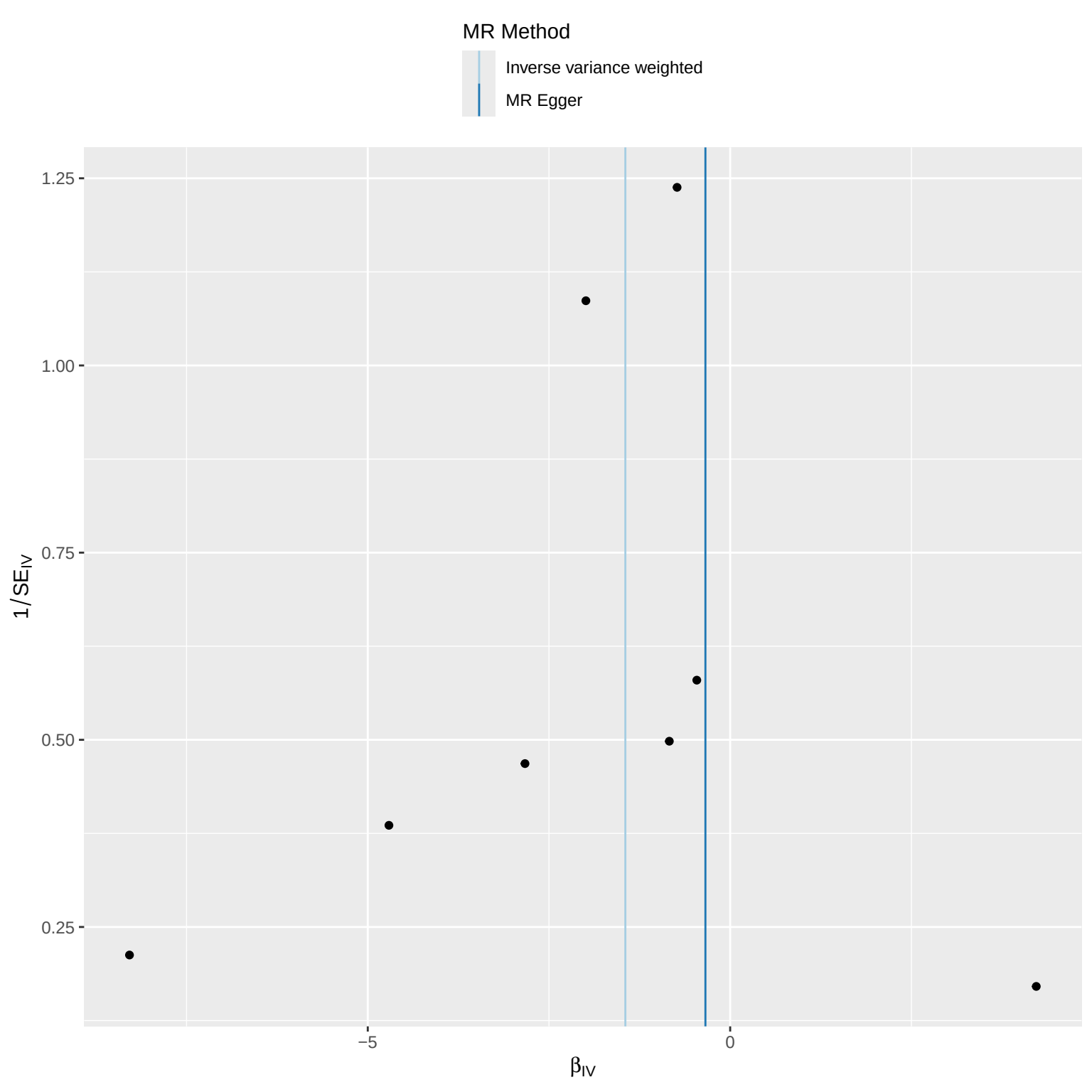

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
2
β_IV

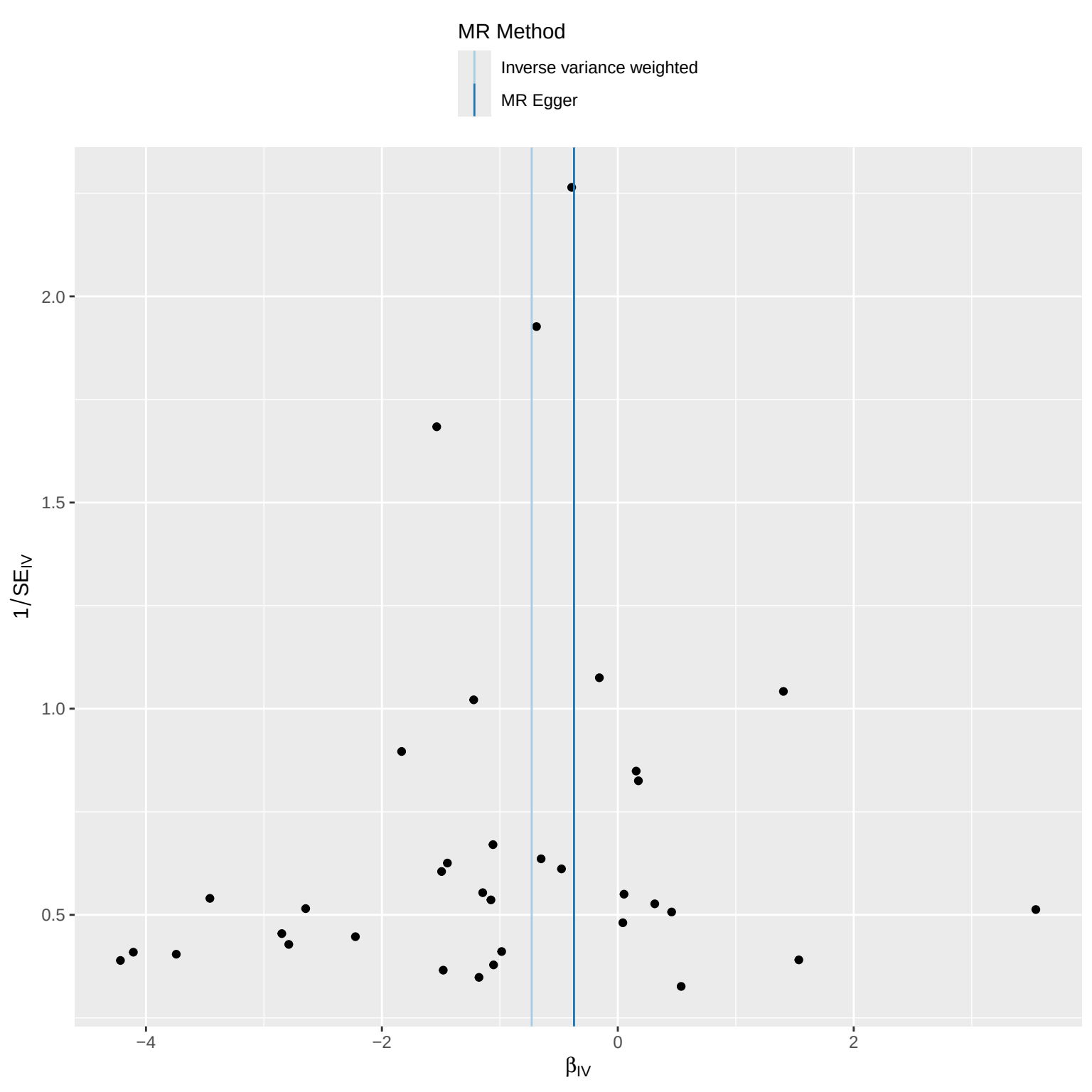

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
β_IV

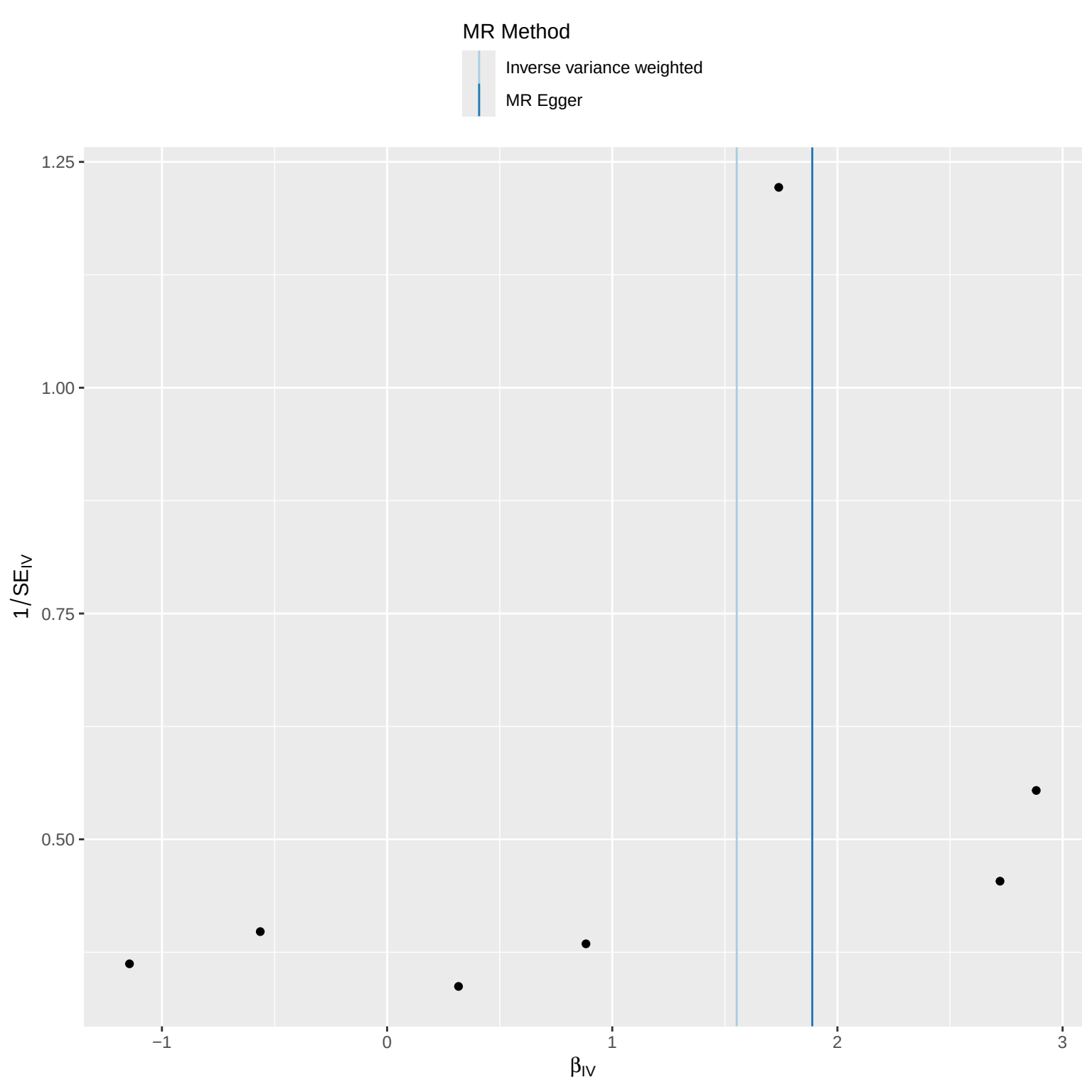

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

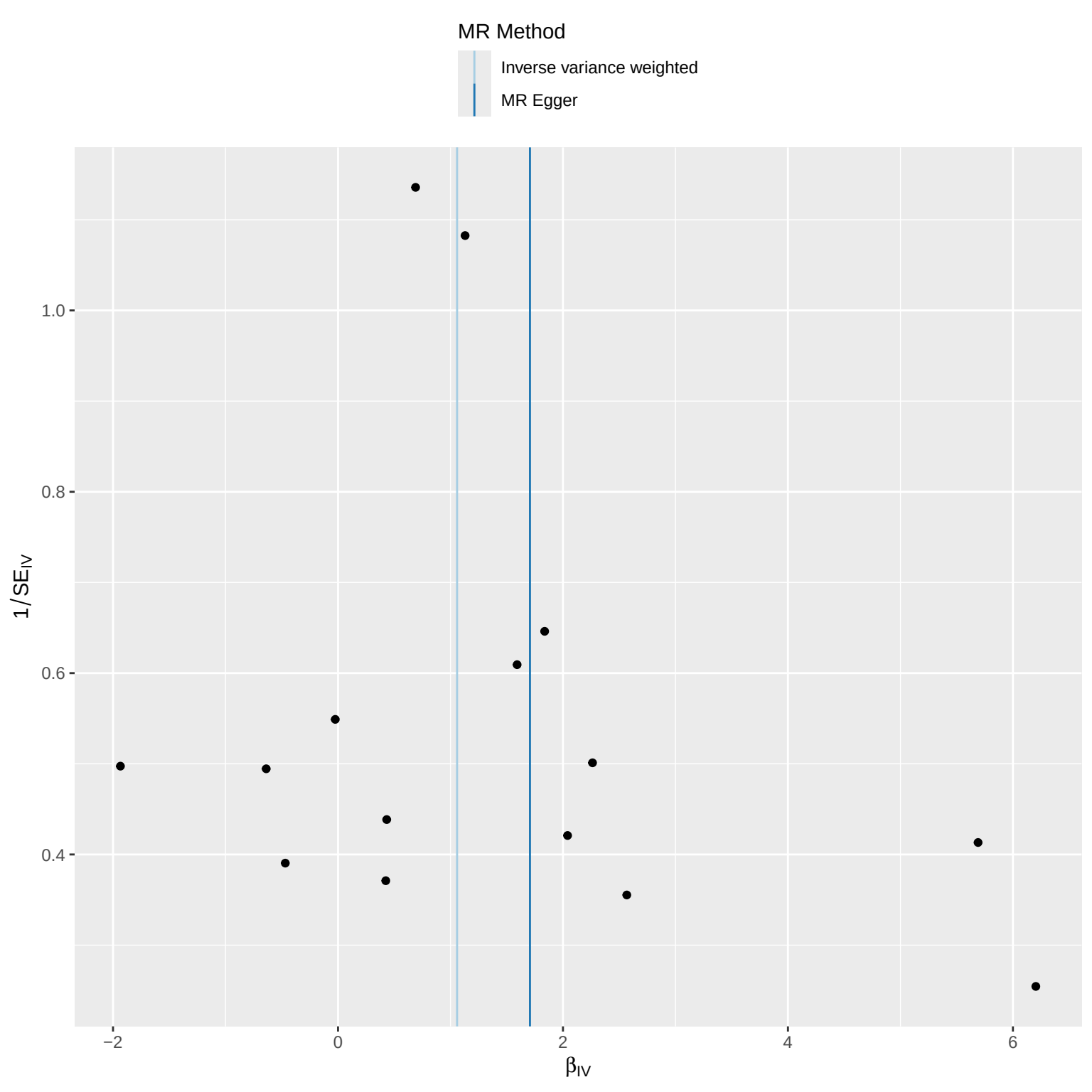

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

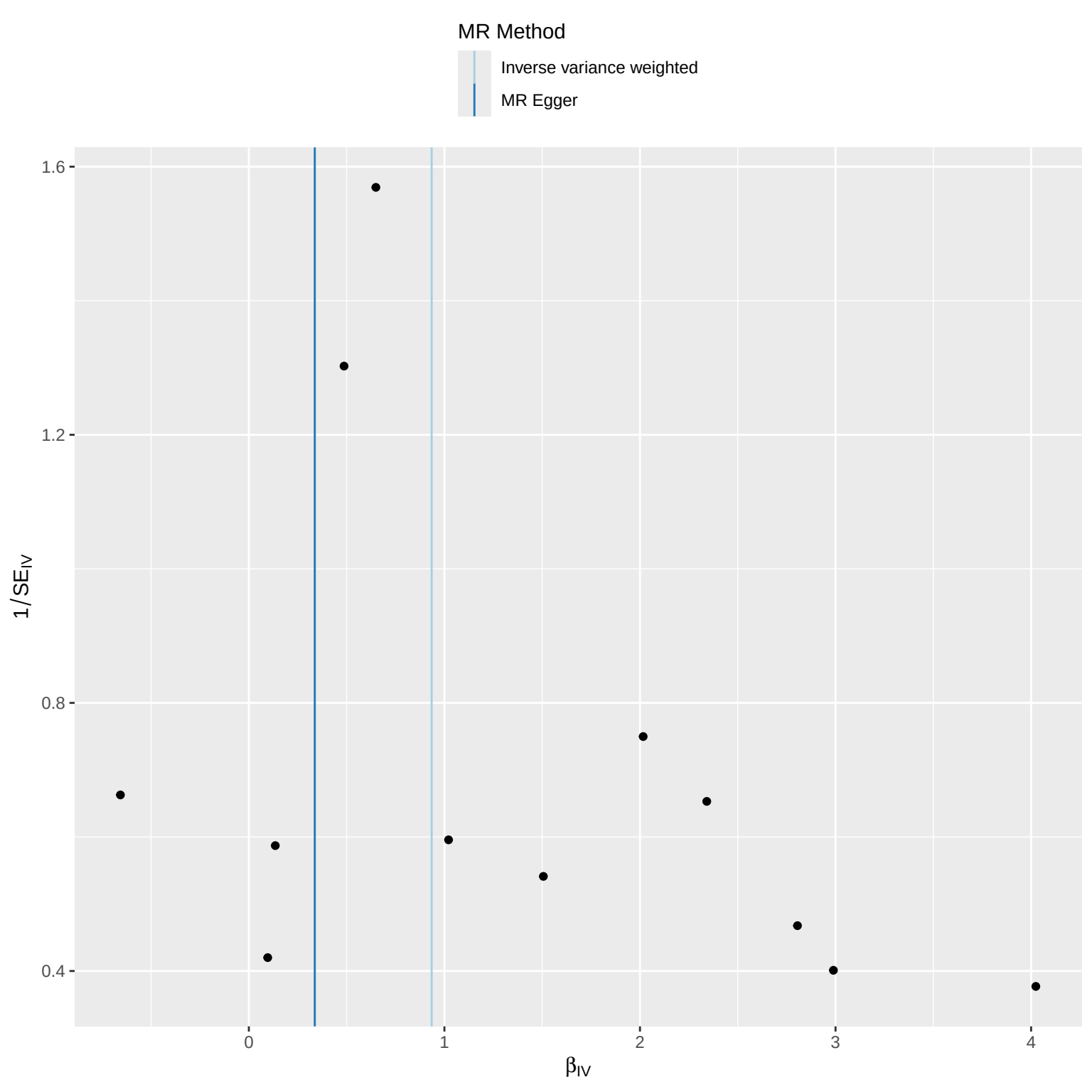

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−1
0
1
2
3
β_IV

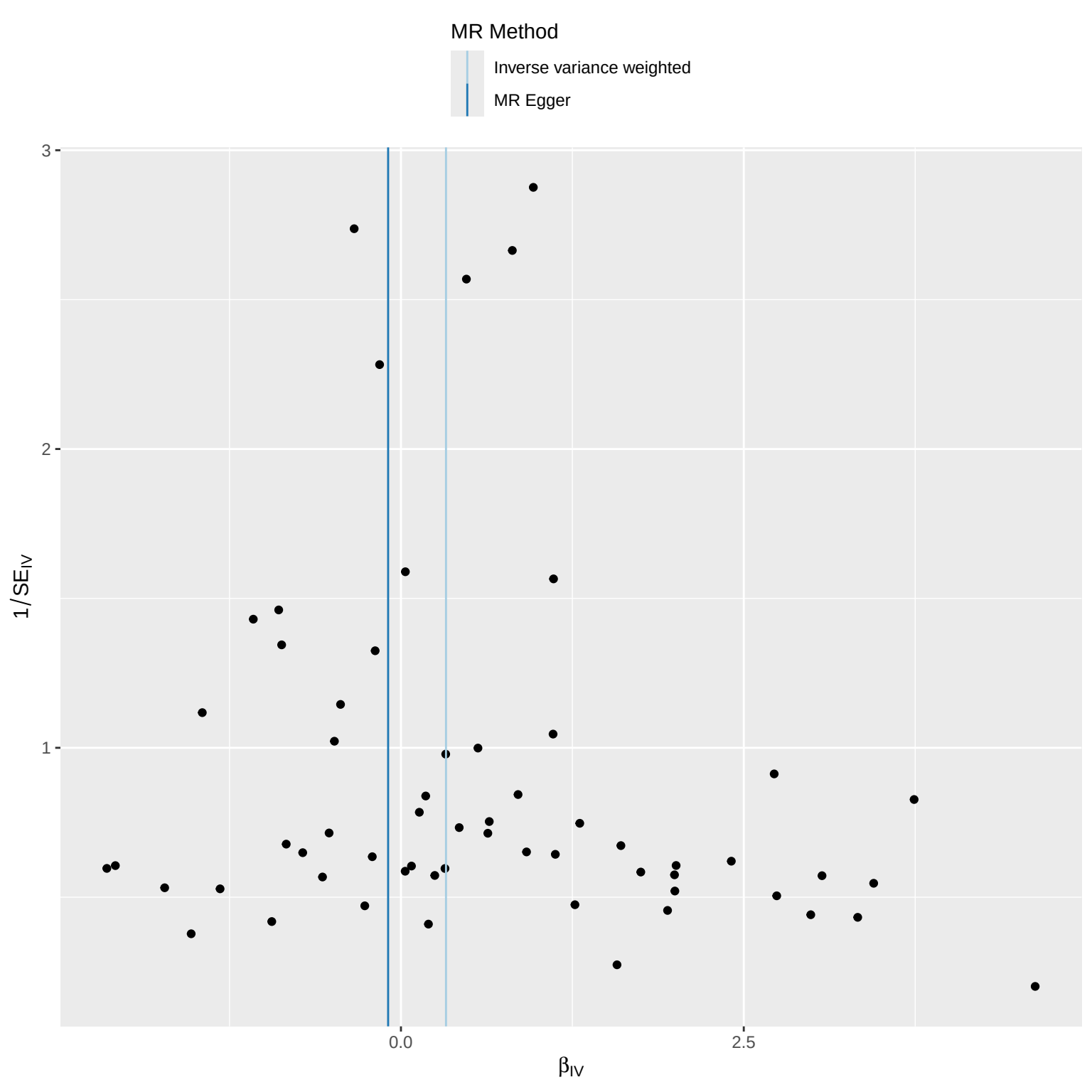

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−5
0
β_IV

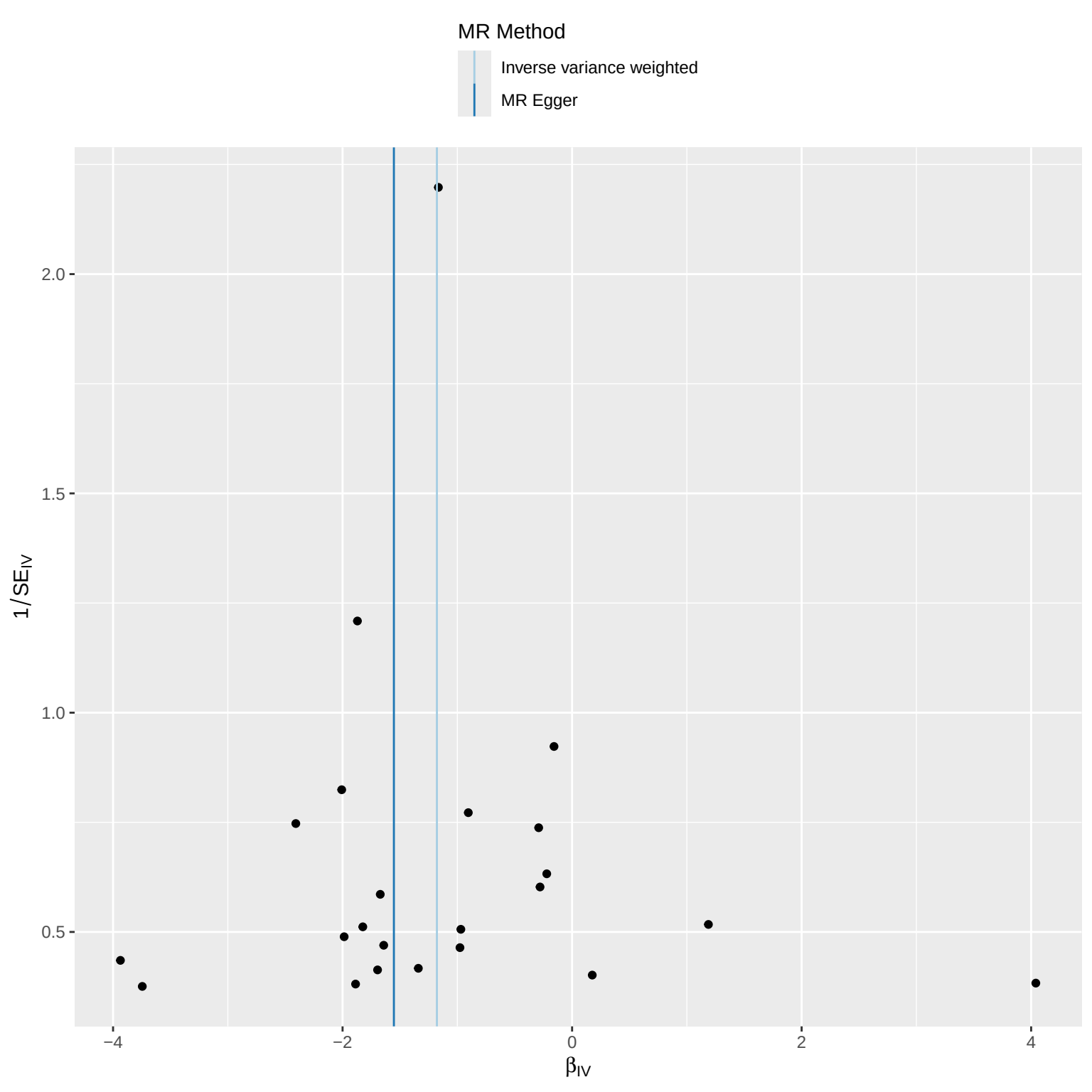

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

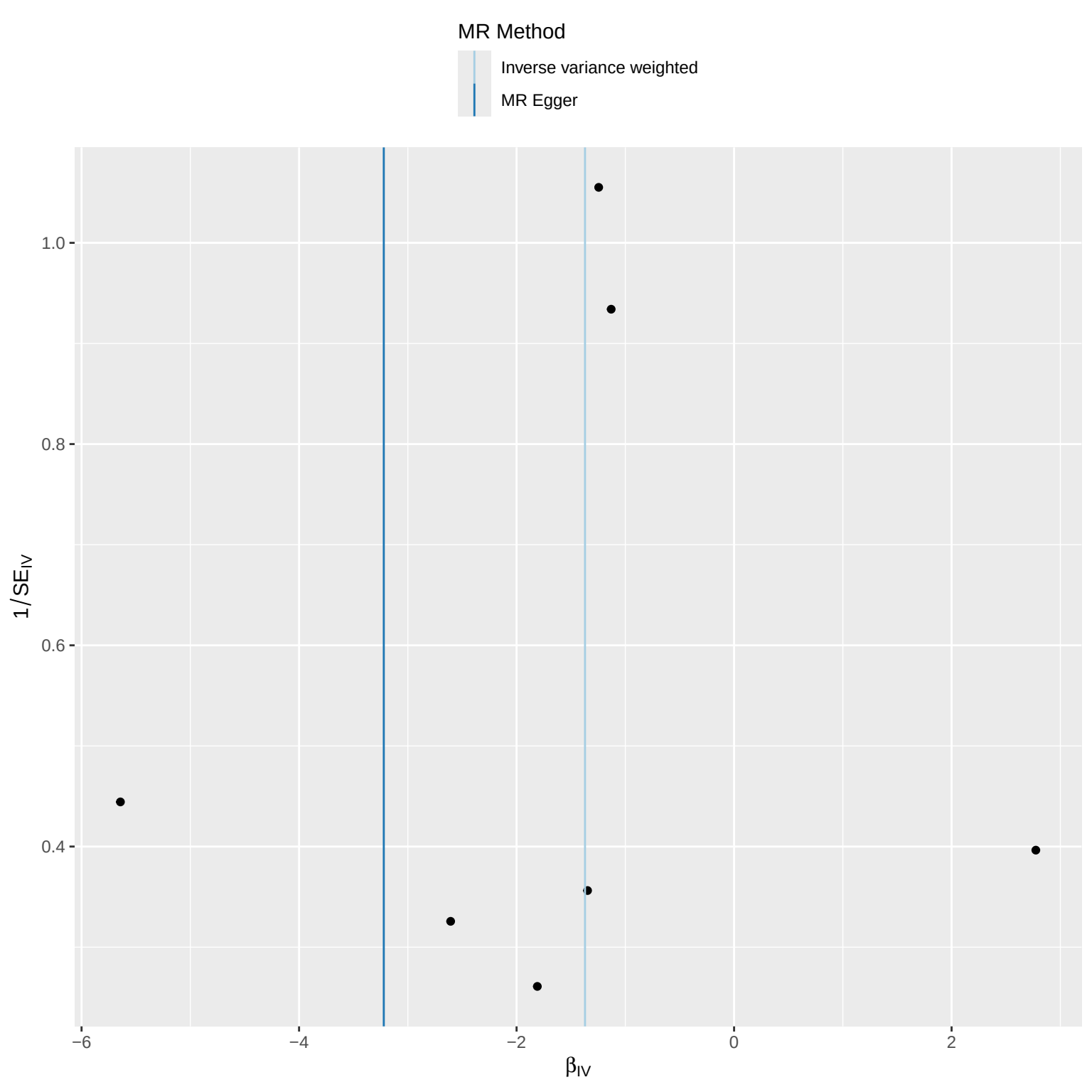

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

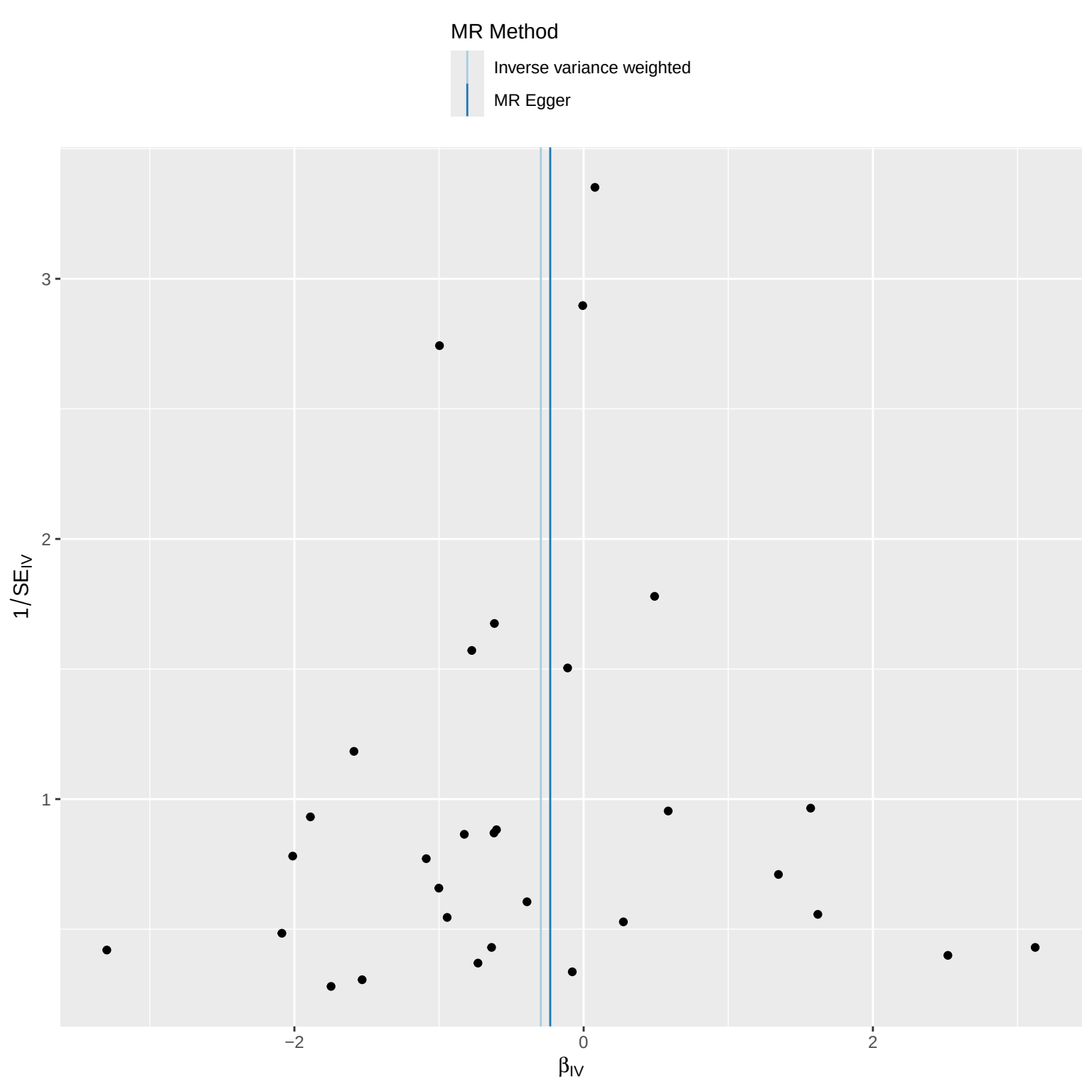

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
4
6
β_IV

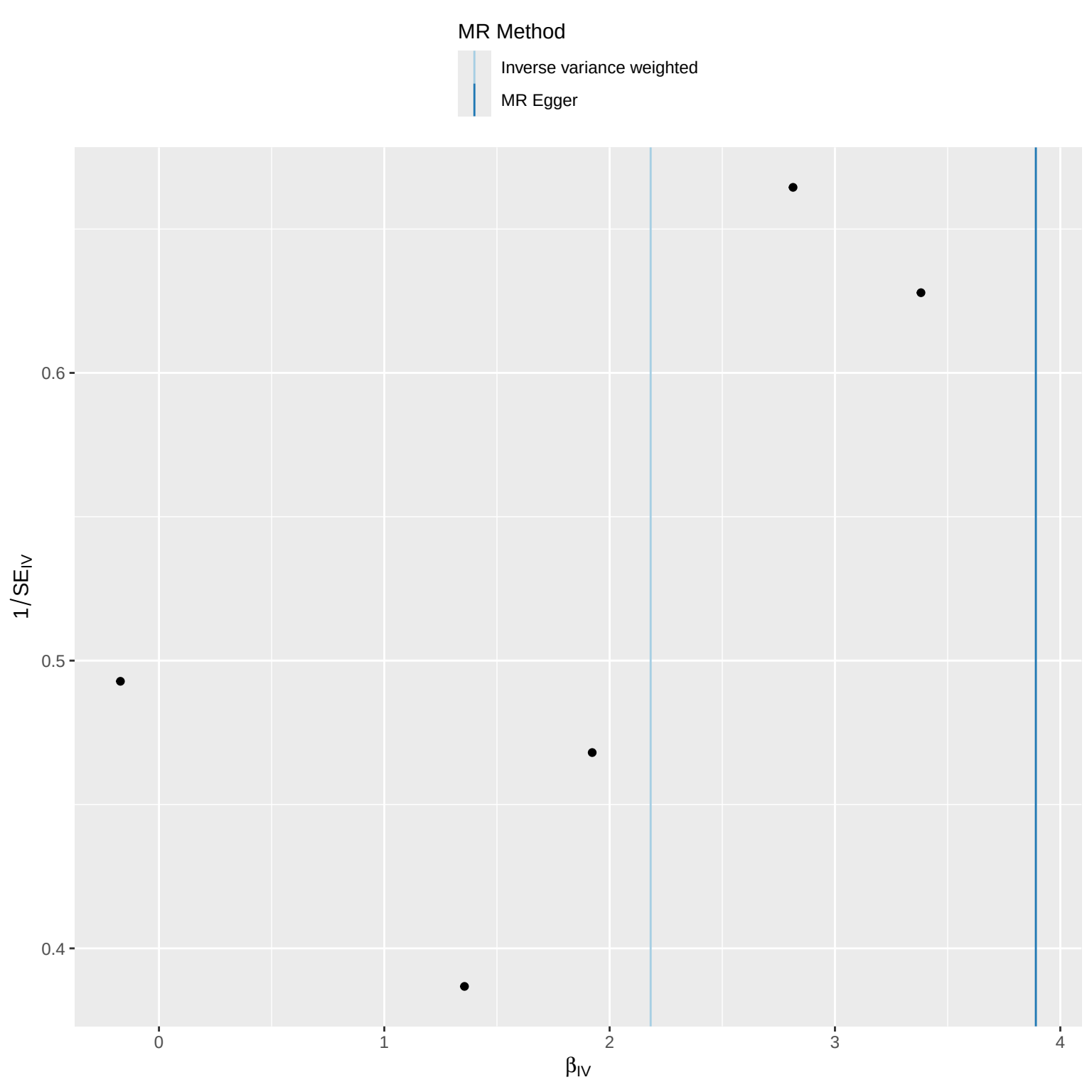

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
1
2
3
4
β_IV

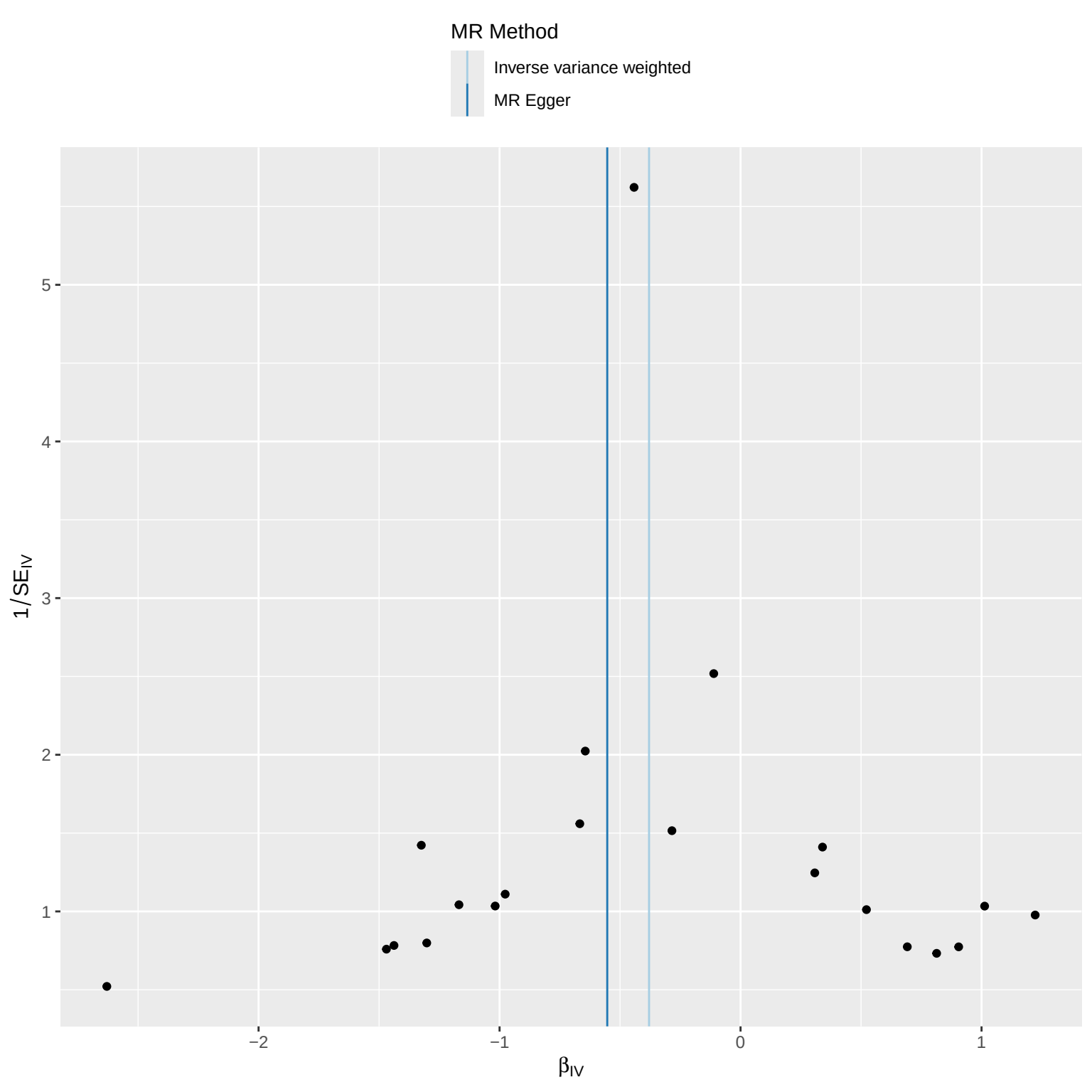

MR Method
Inverse variance weighted
MR Egger
3
2
1
0.0
2.5
1/SE_IV
β_IV

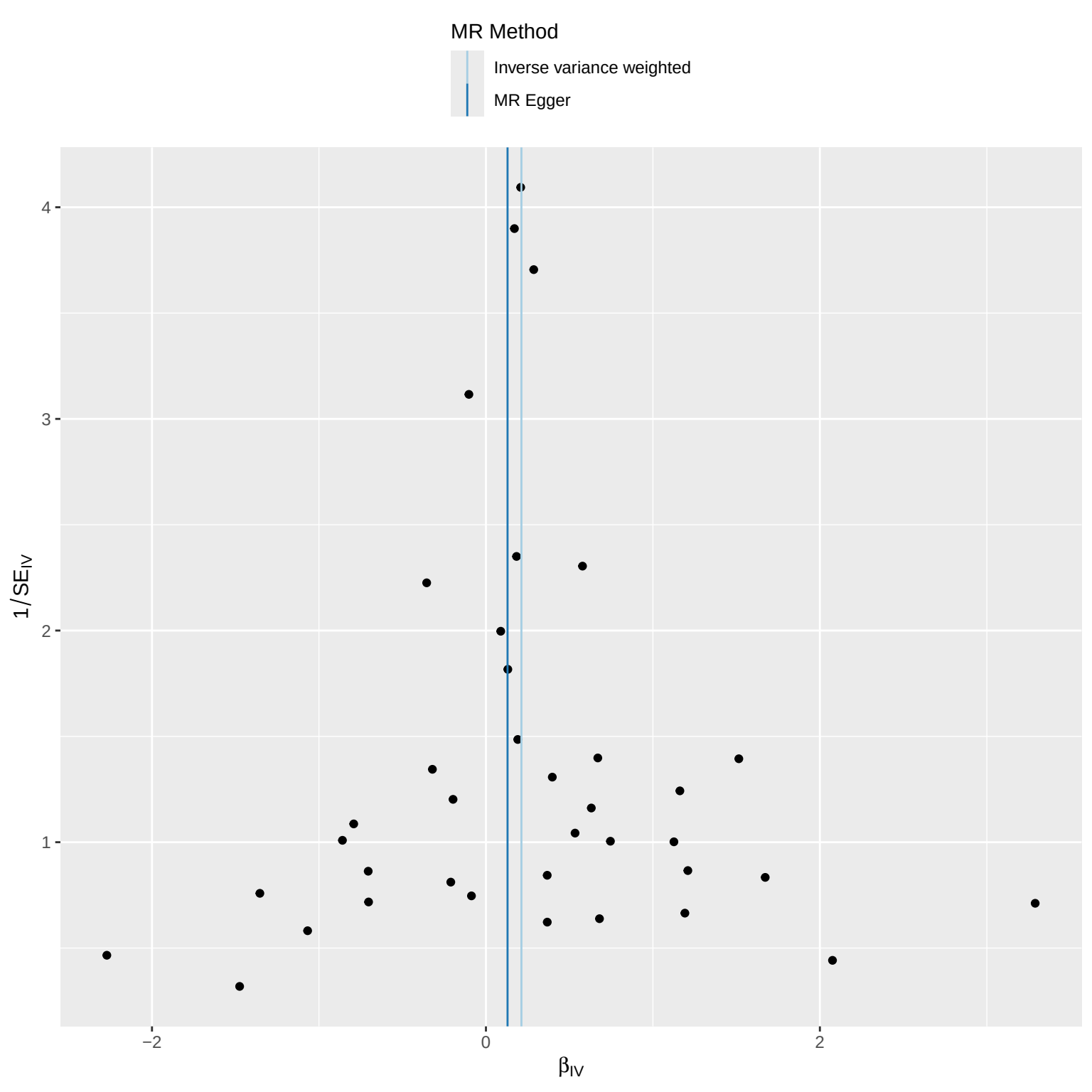

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

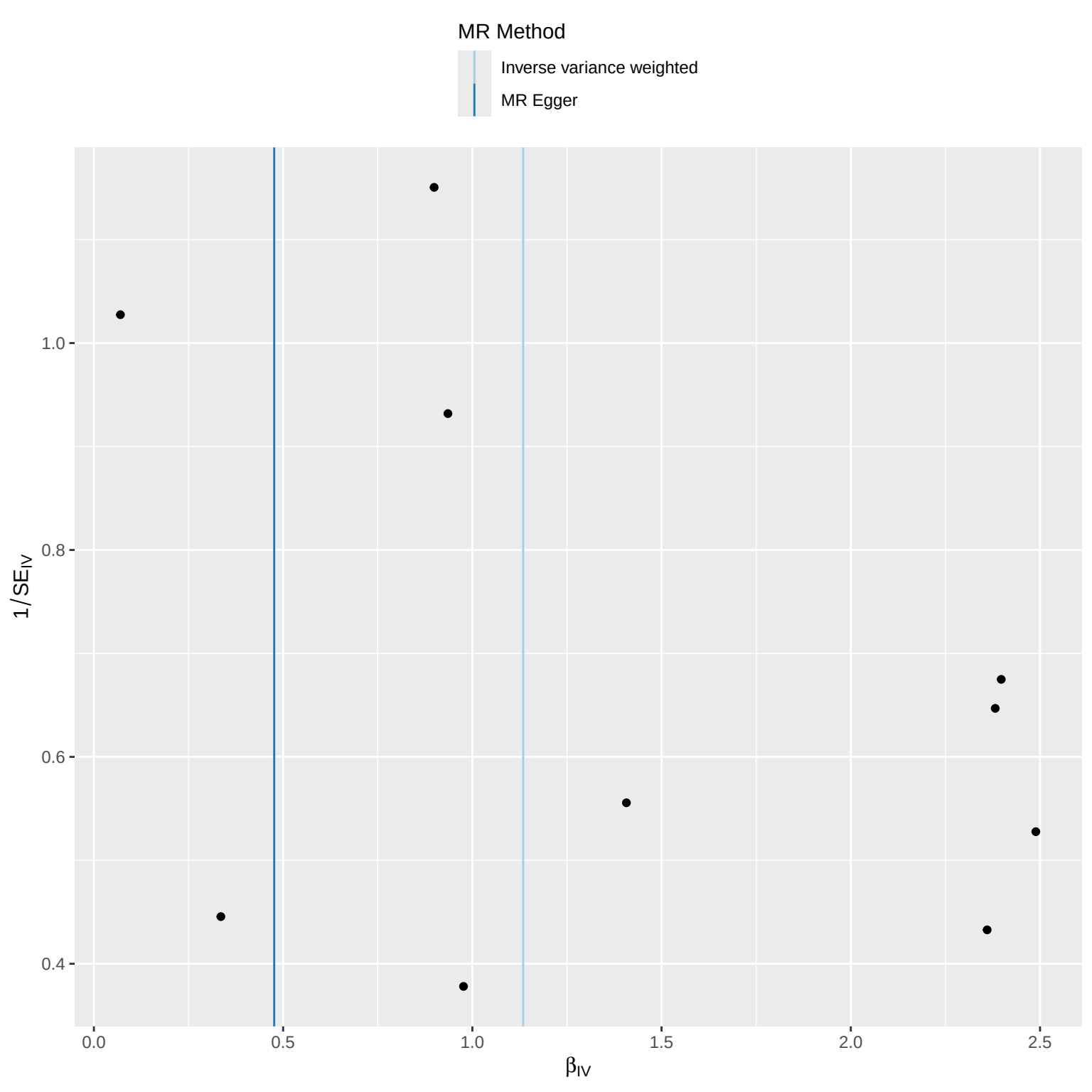

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
2
β_IV

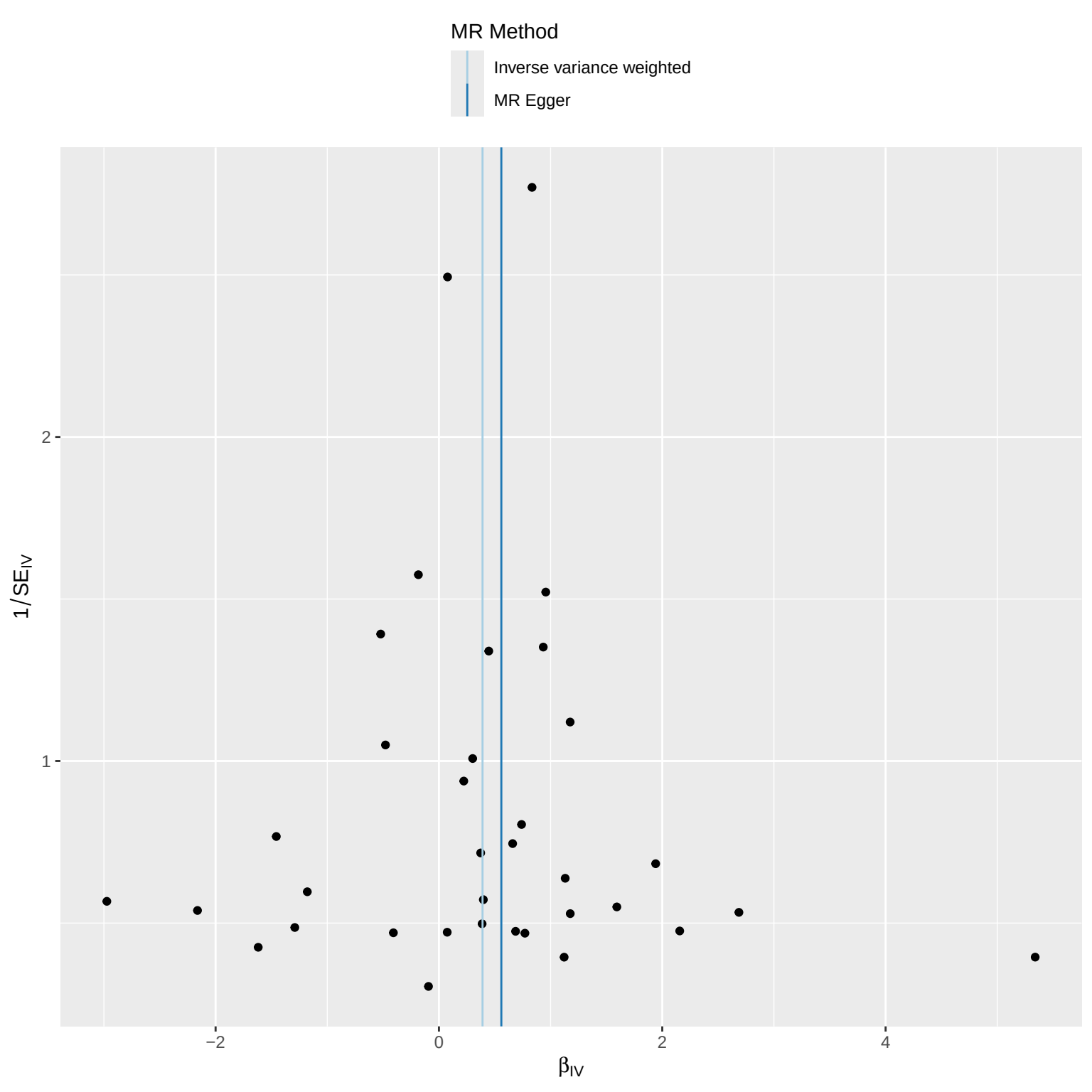

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

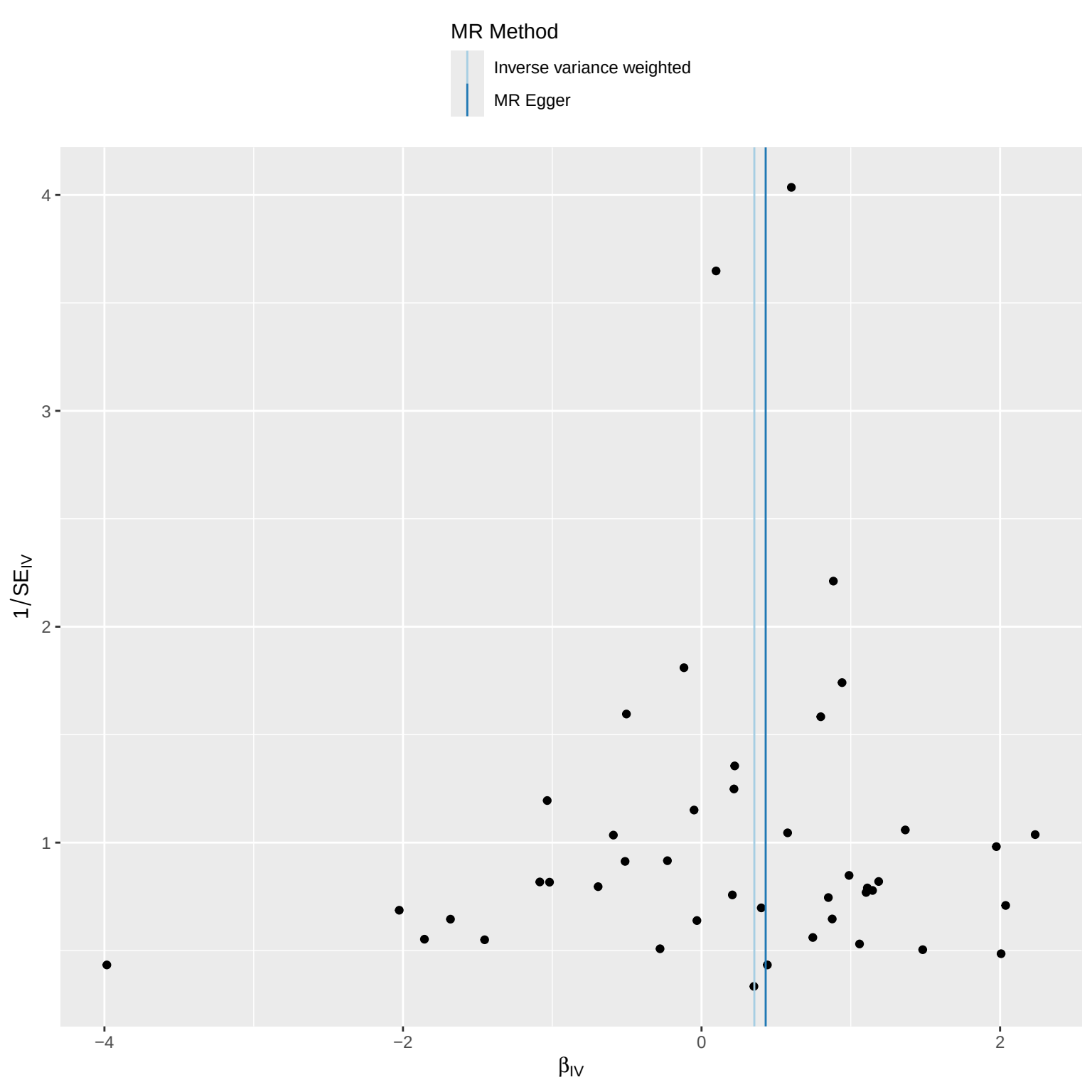

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
1/SE_IV
0
1
2
3
4
β_IV

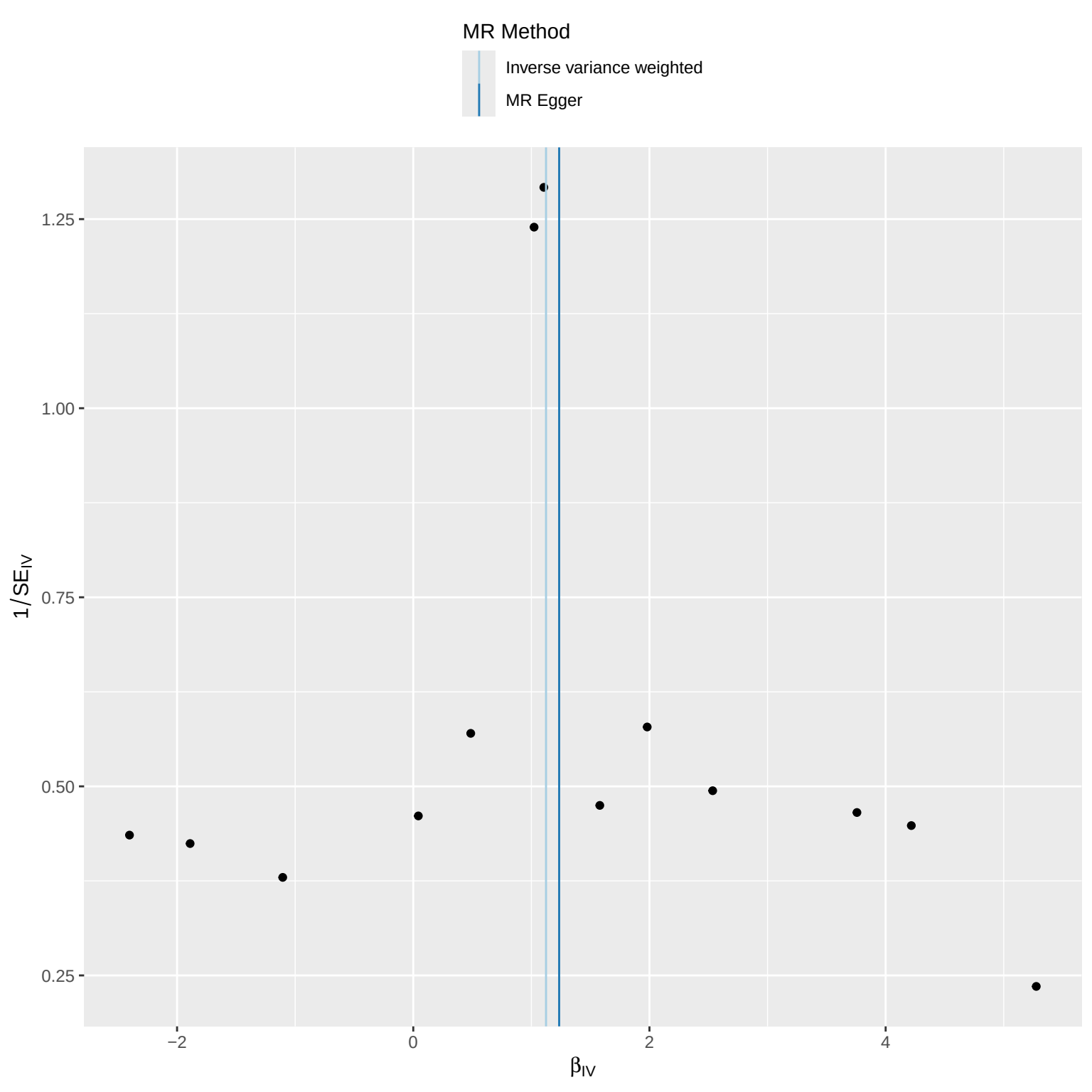

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

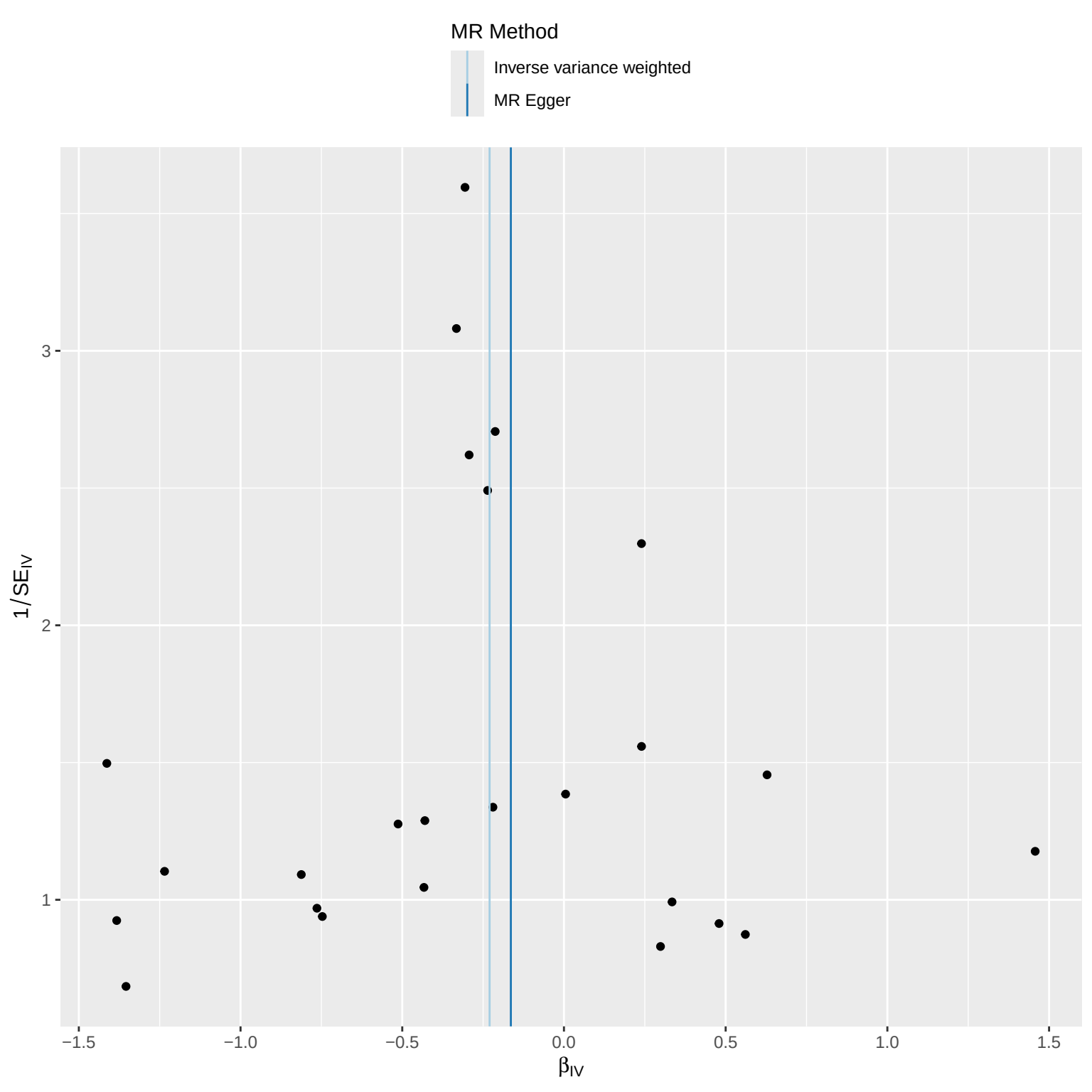

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

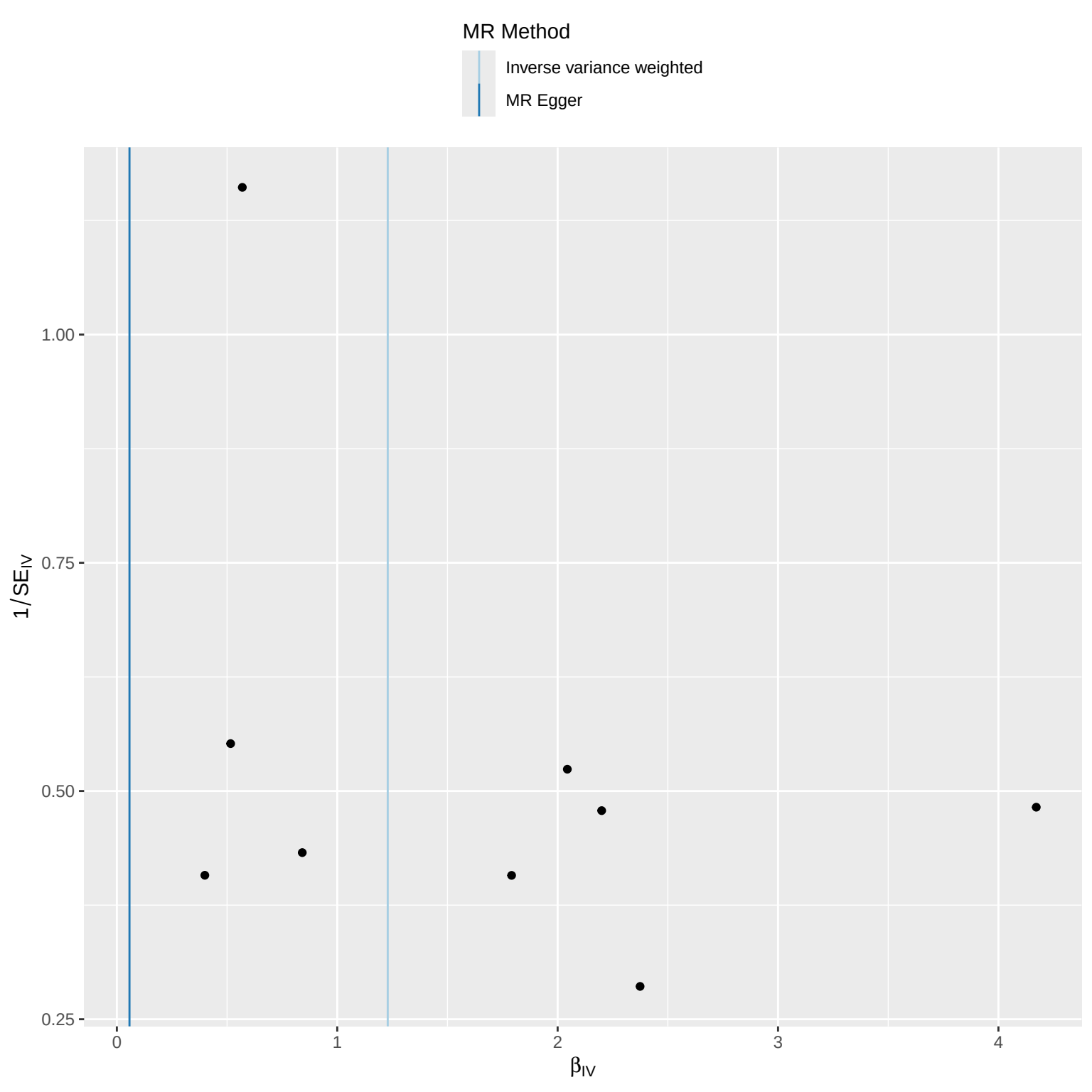

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

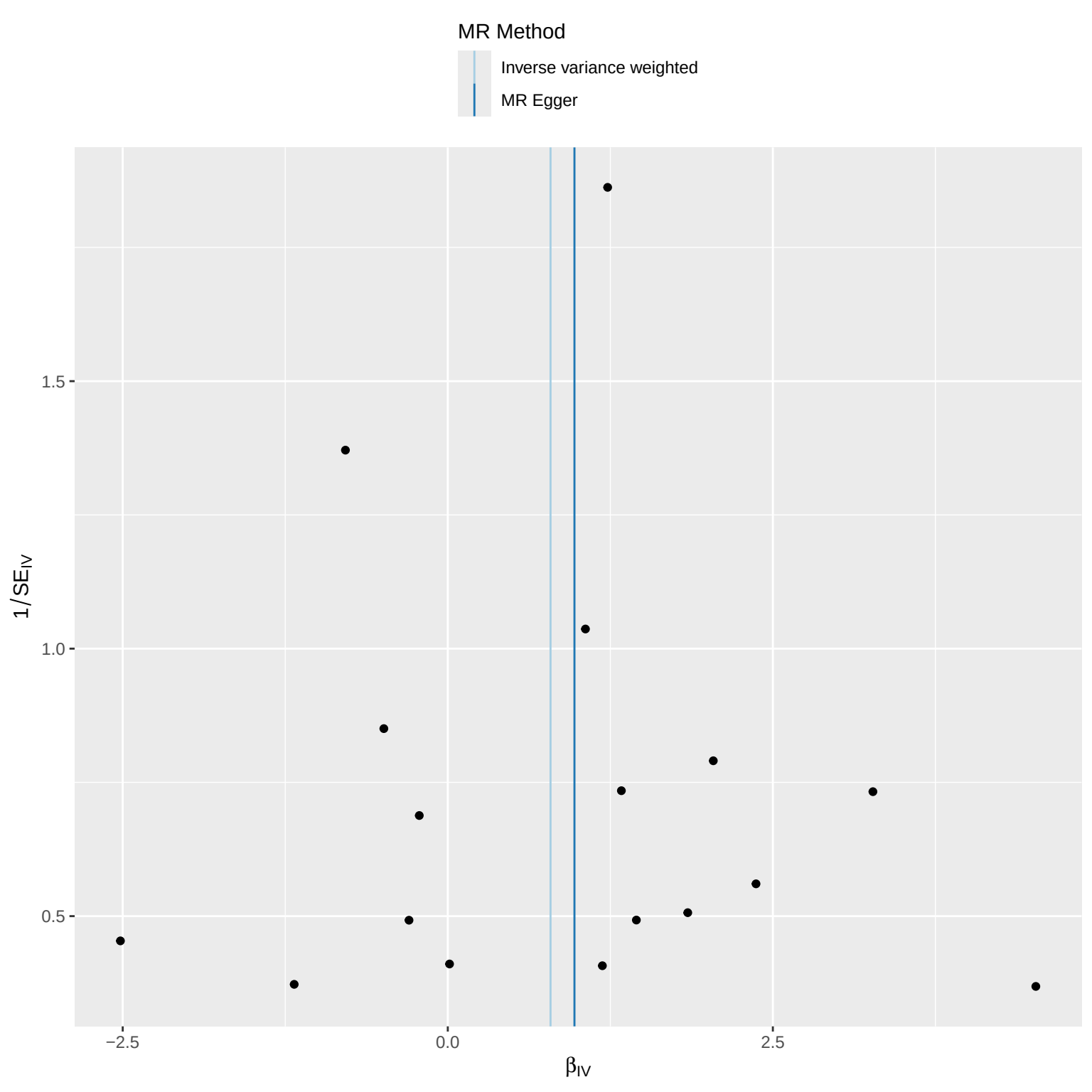

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

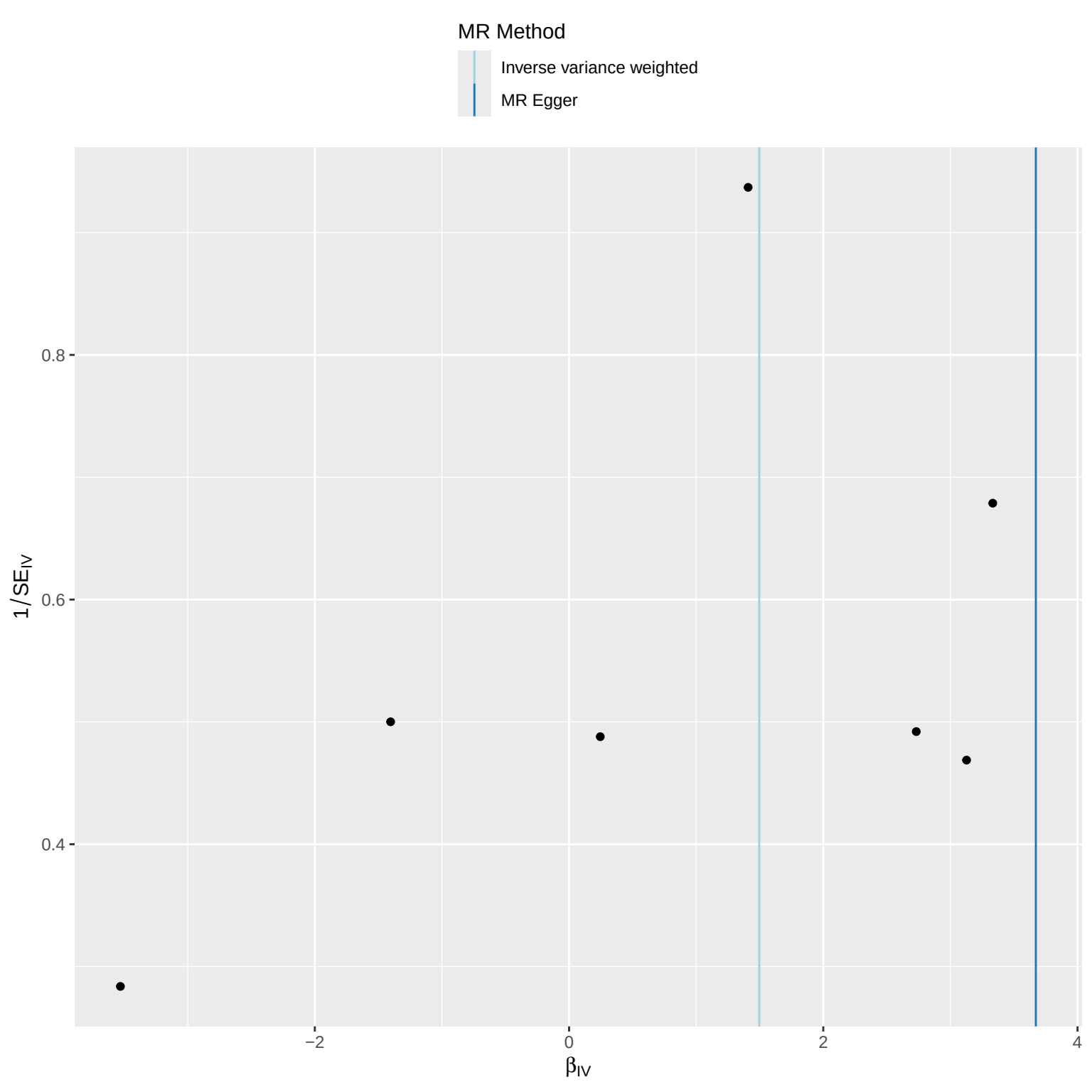

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

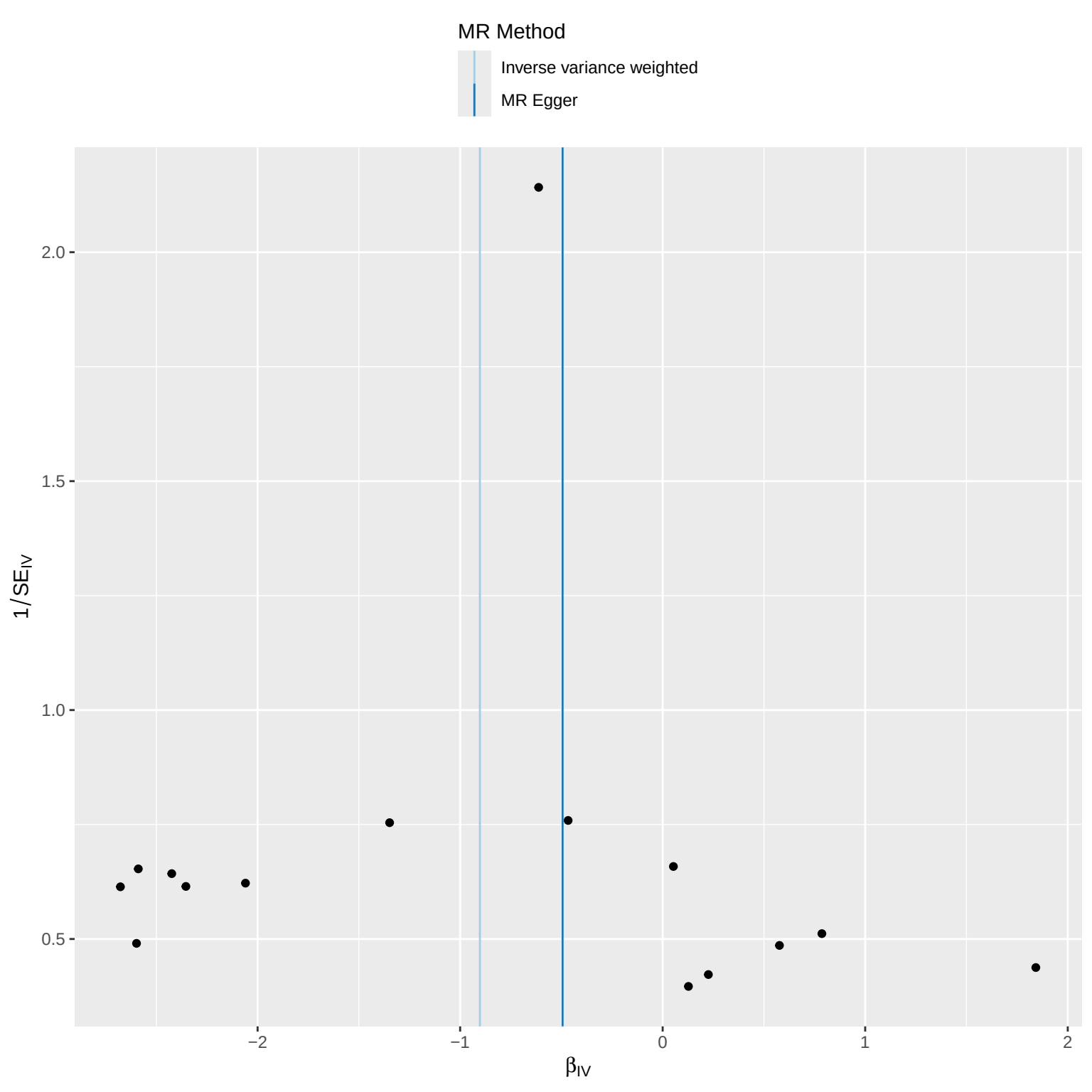

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
0
2
4
β_IV

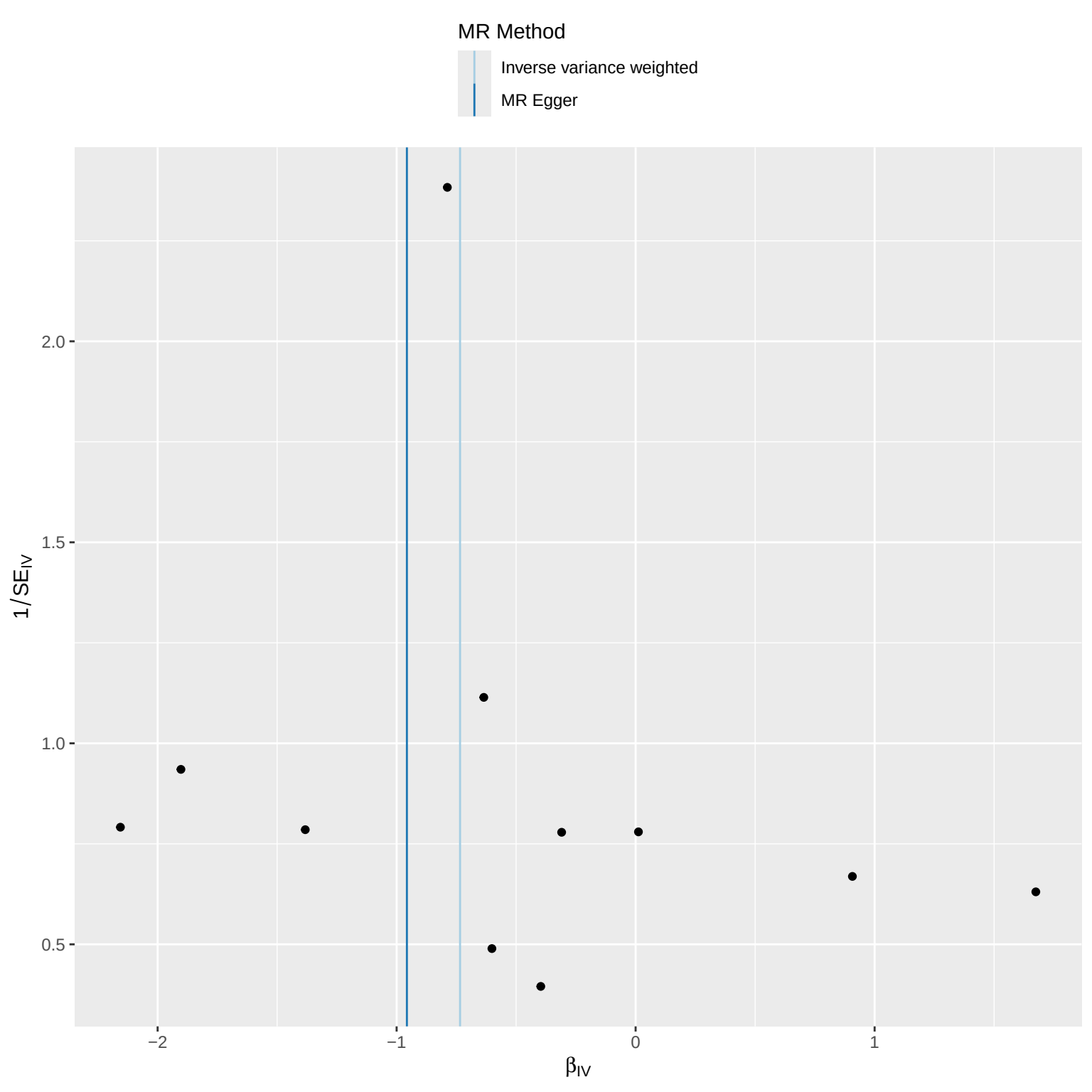

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
β_{IV}

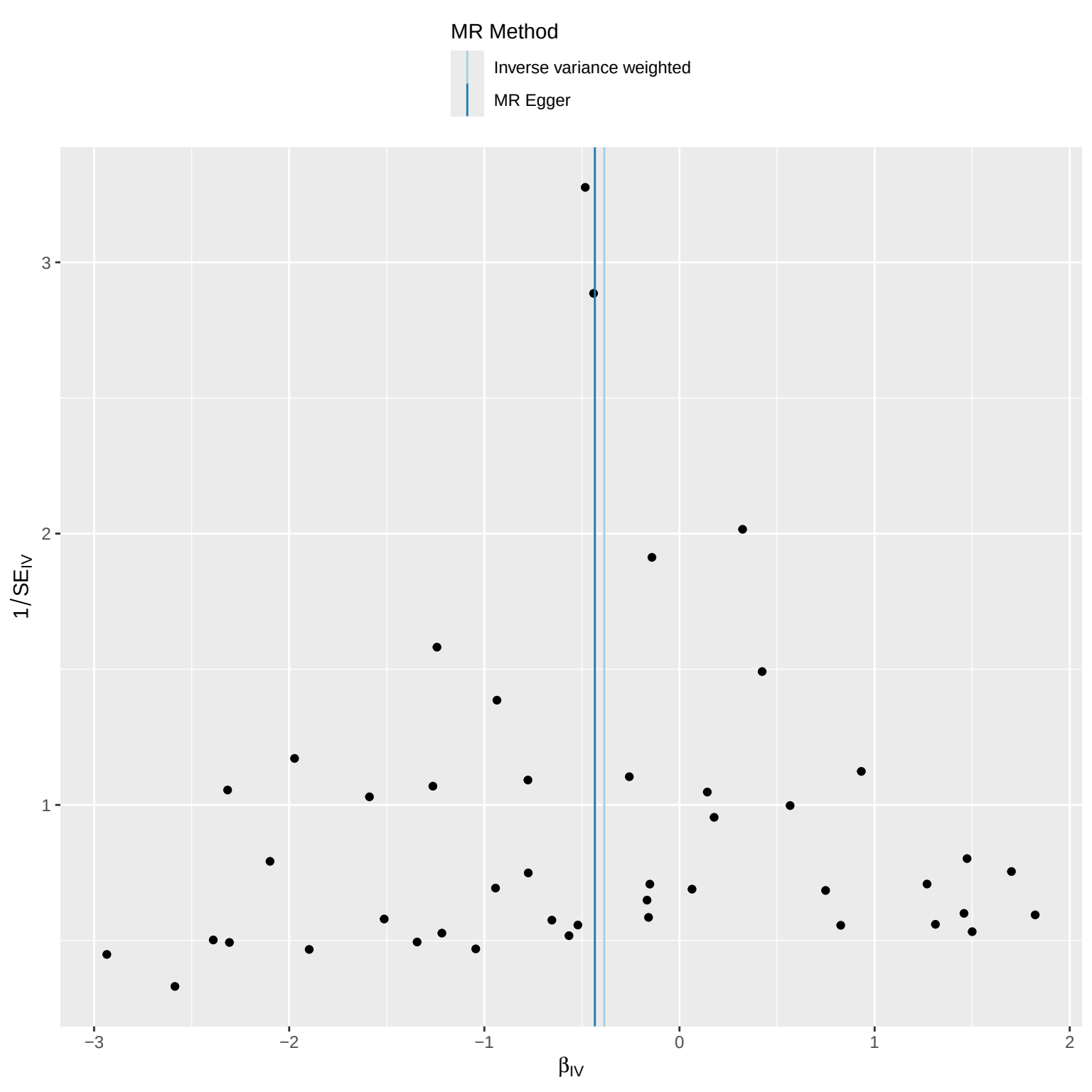

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
0.25
1/SE_IV
0
1
2
3
4
β_IV

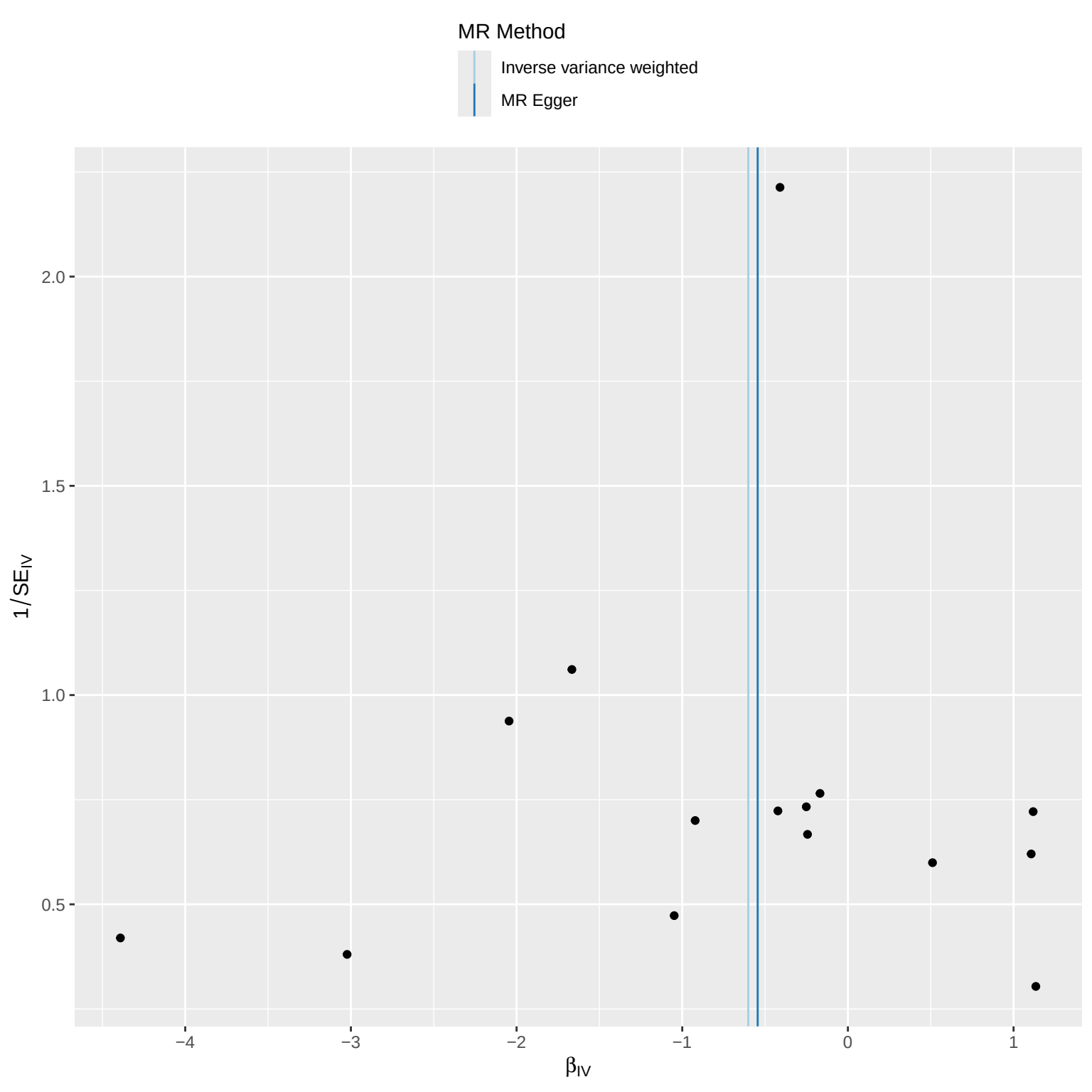

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

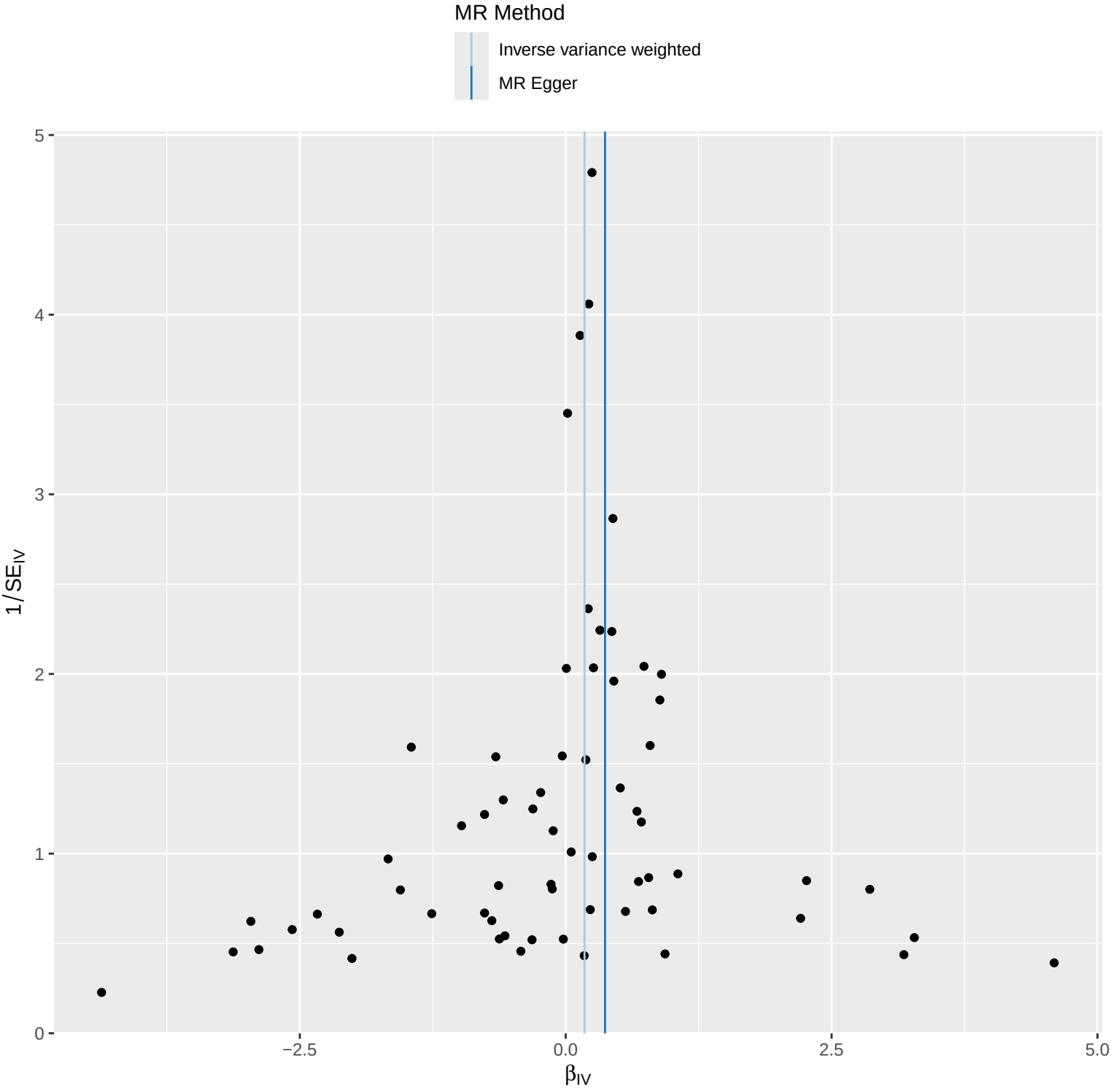

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−2
0
2
4
β_IV

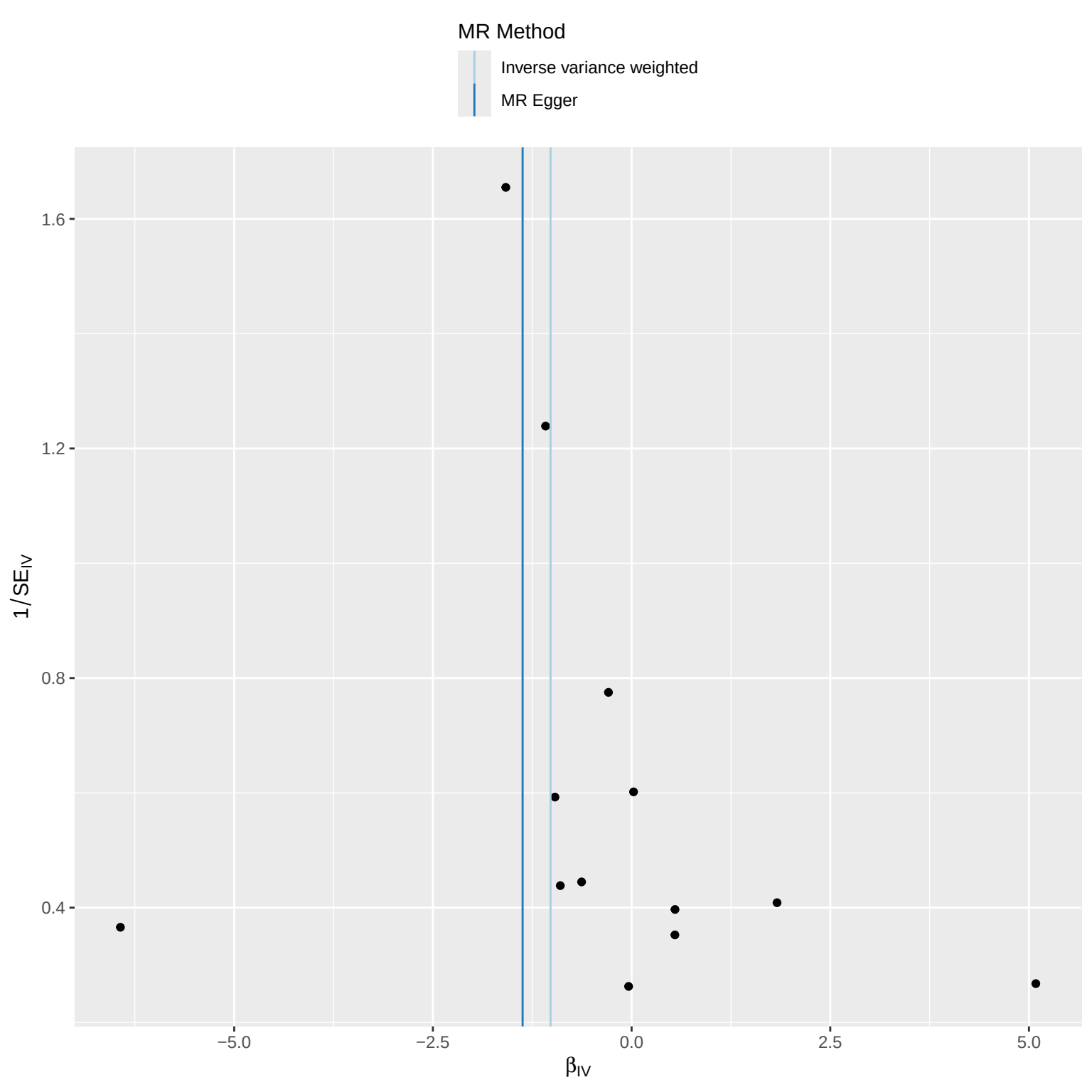

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

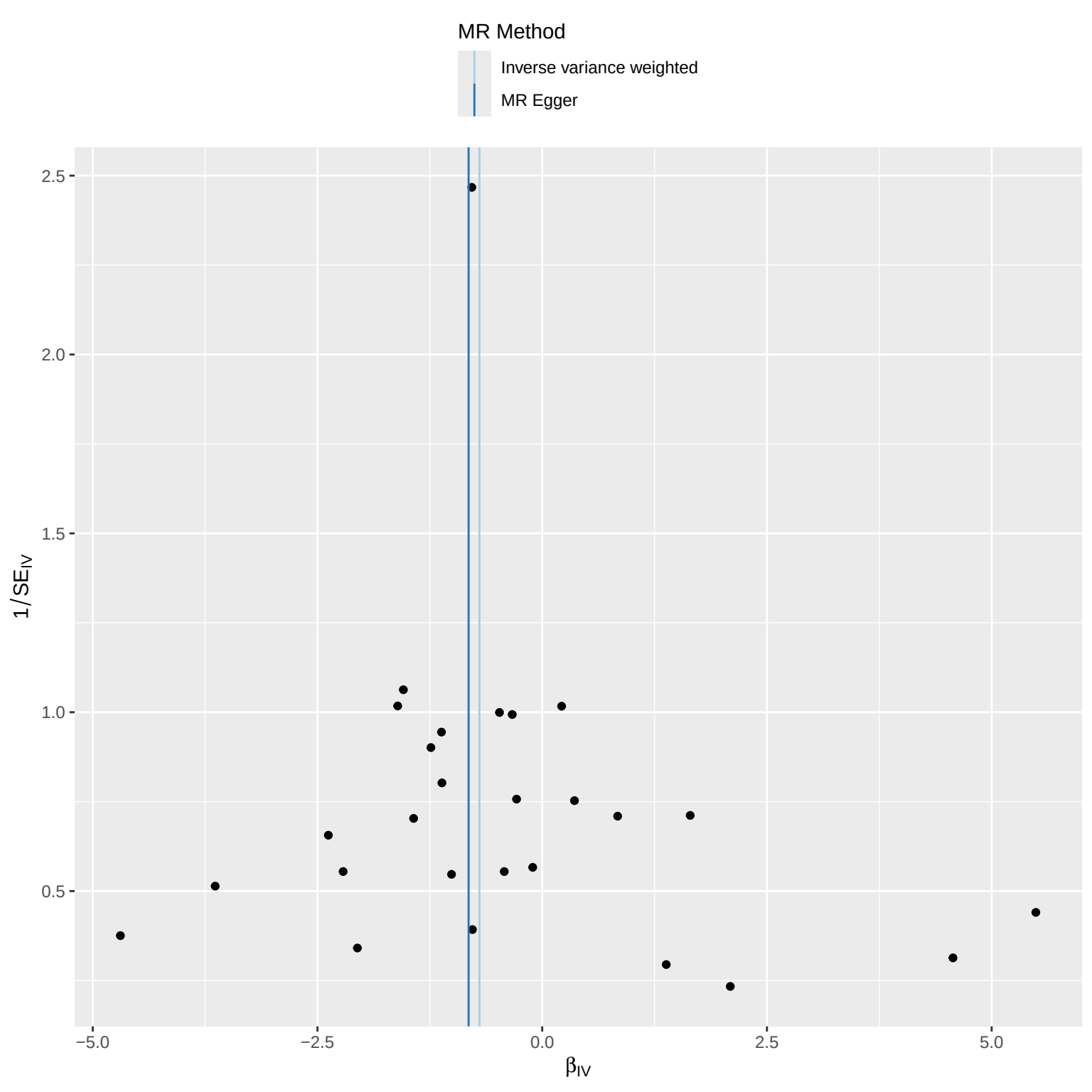

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

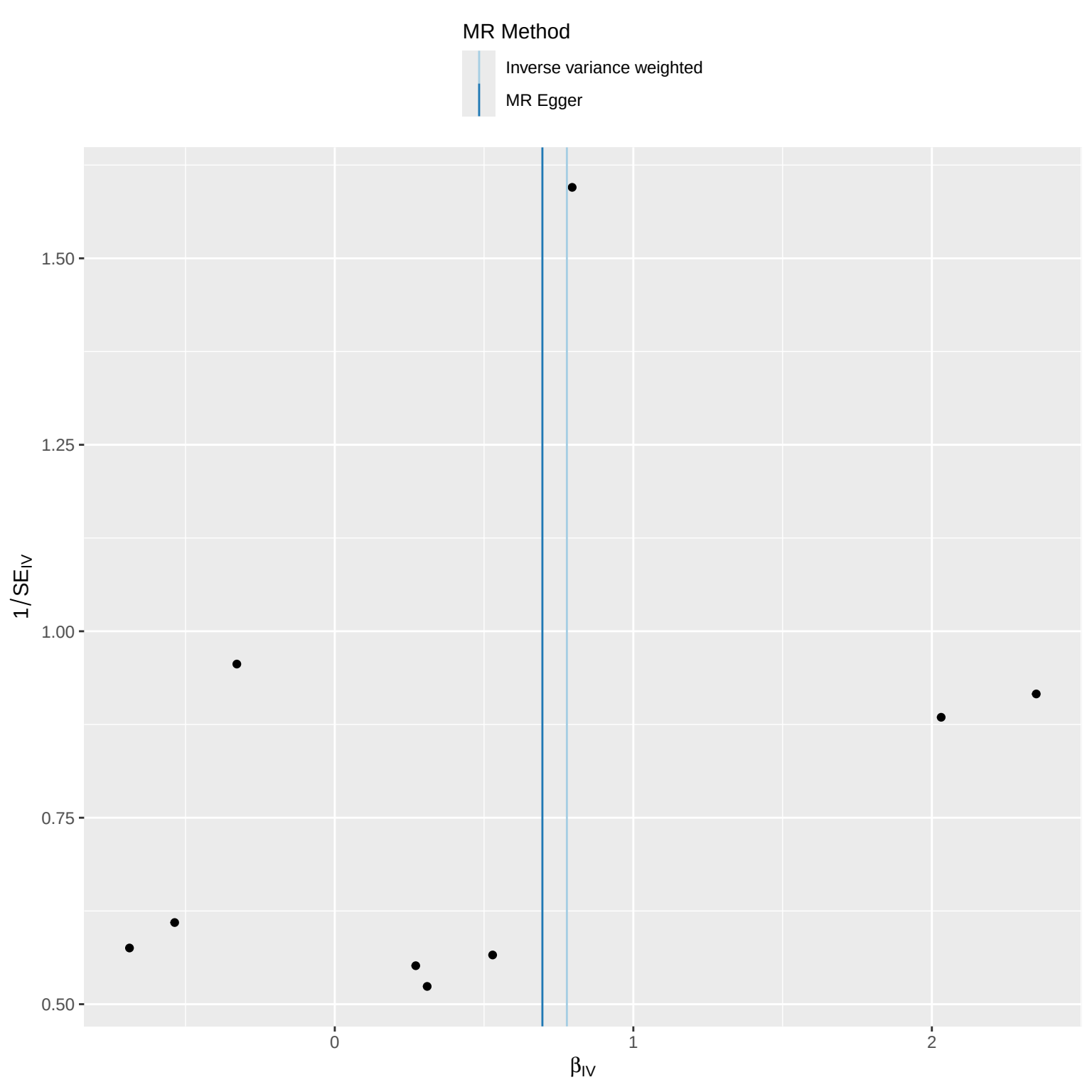

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

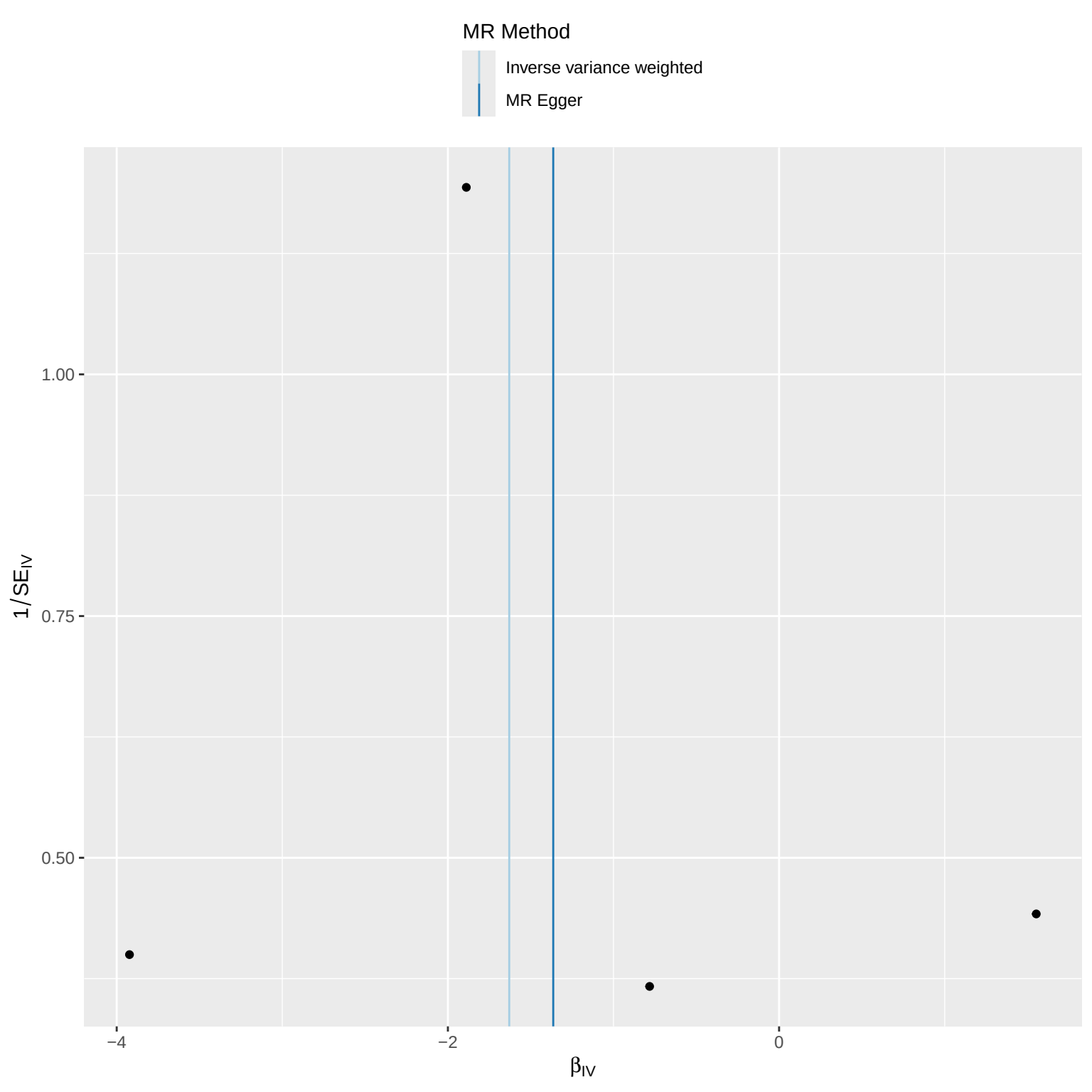

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

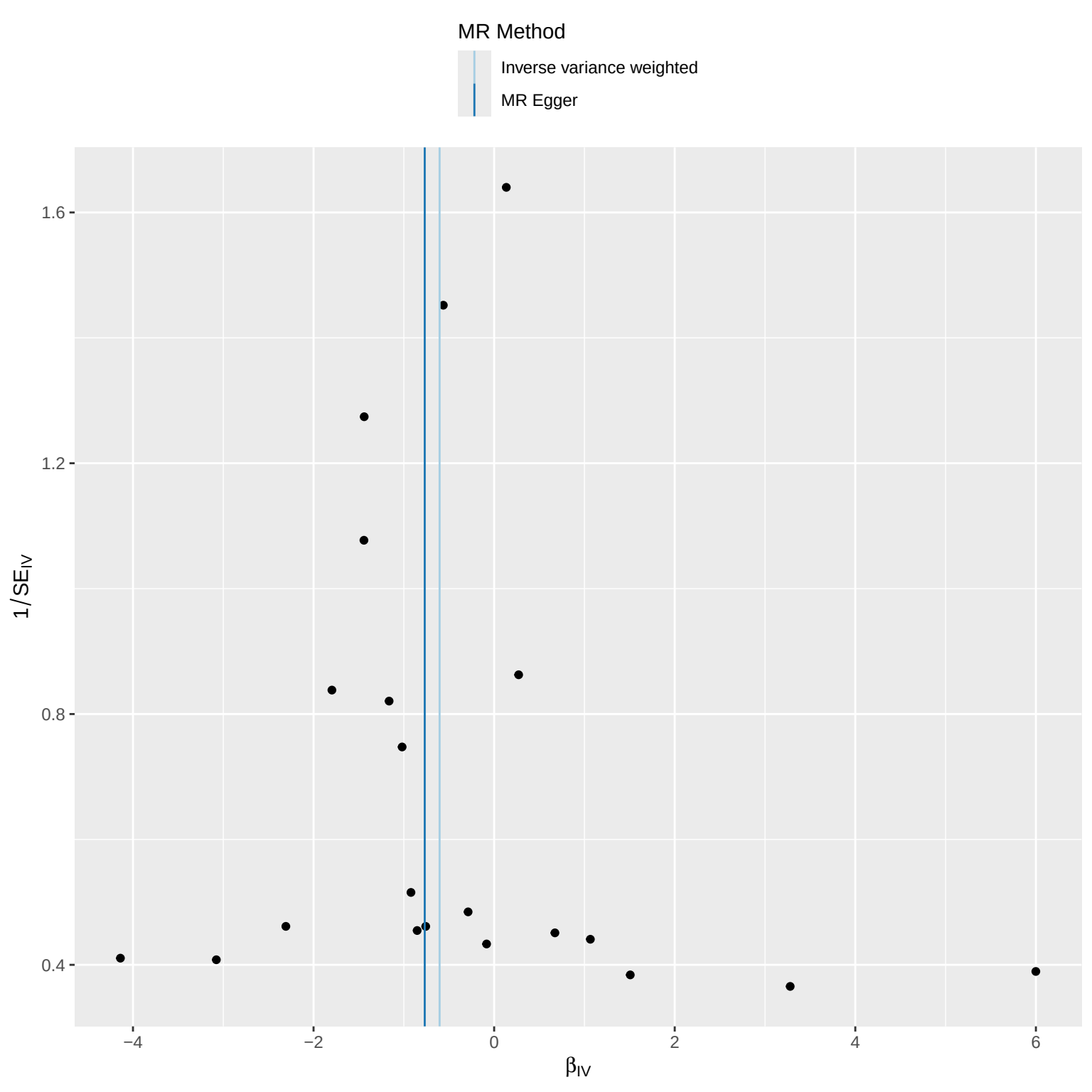

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

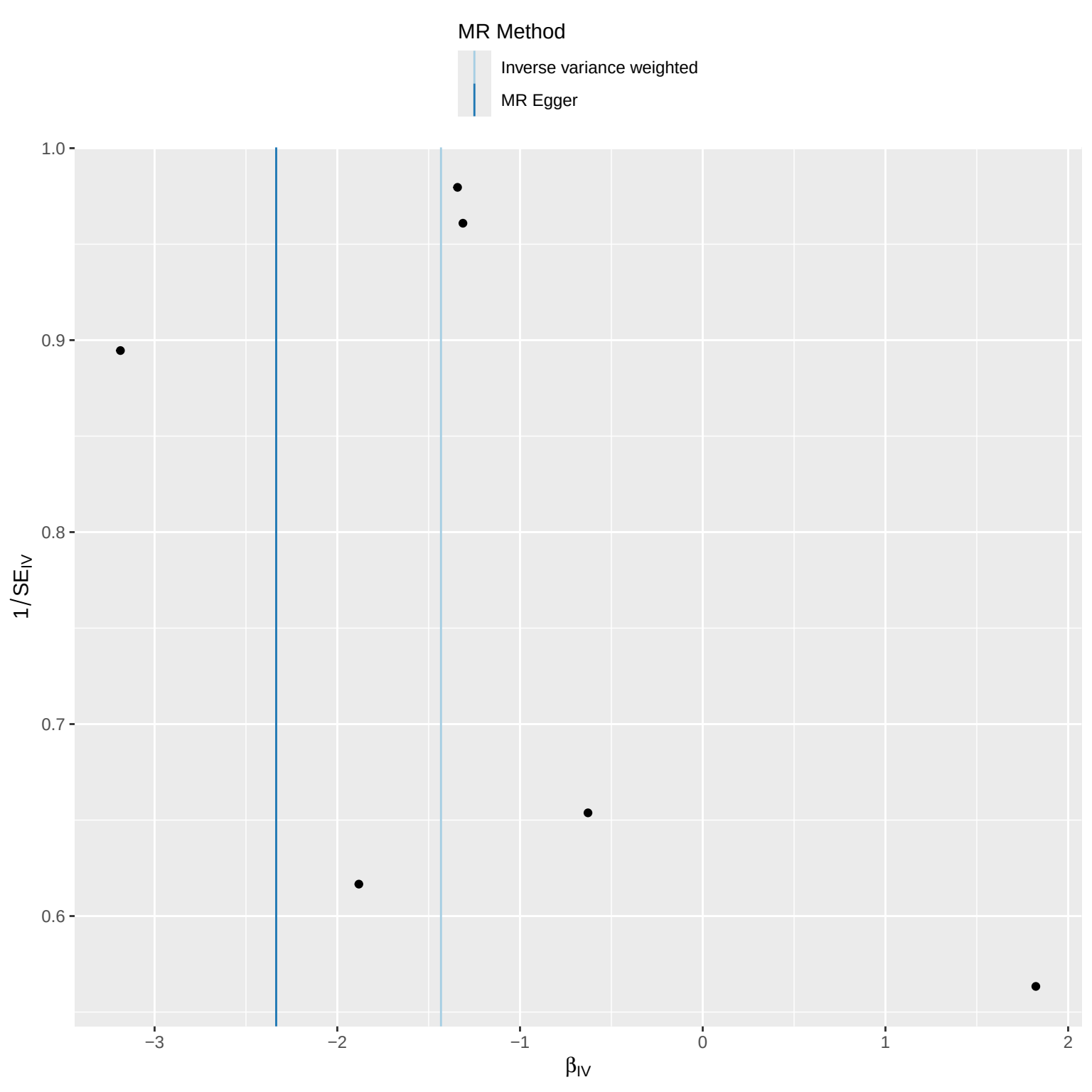

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

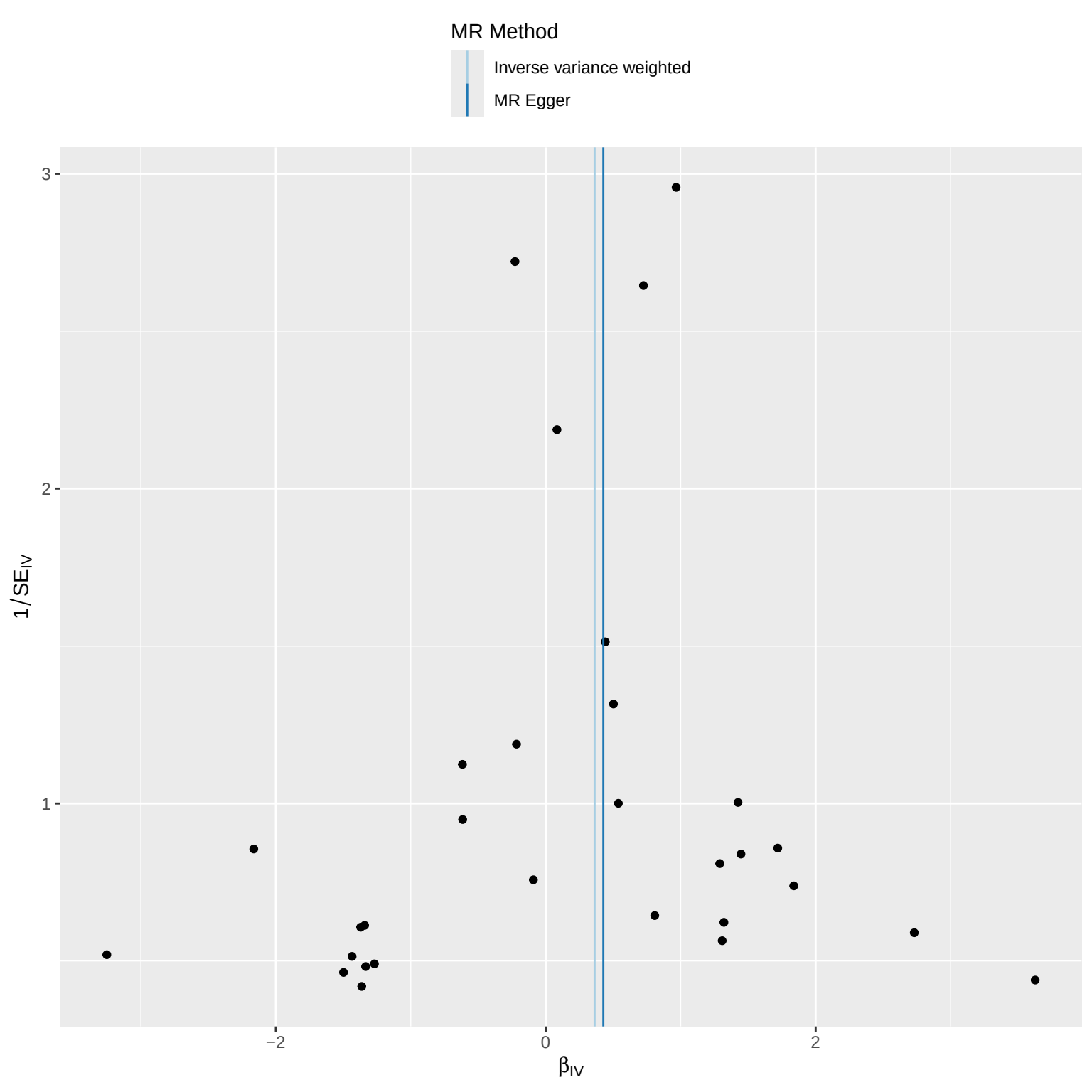

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

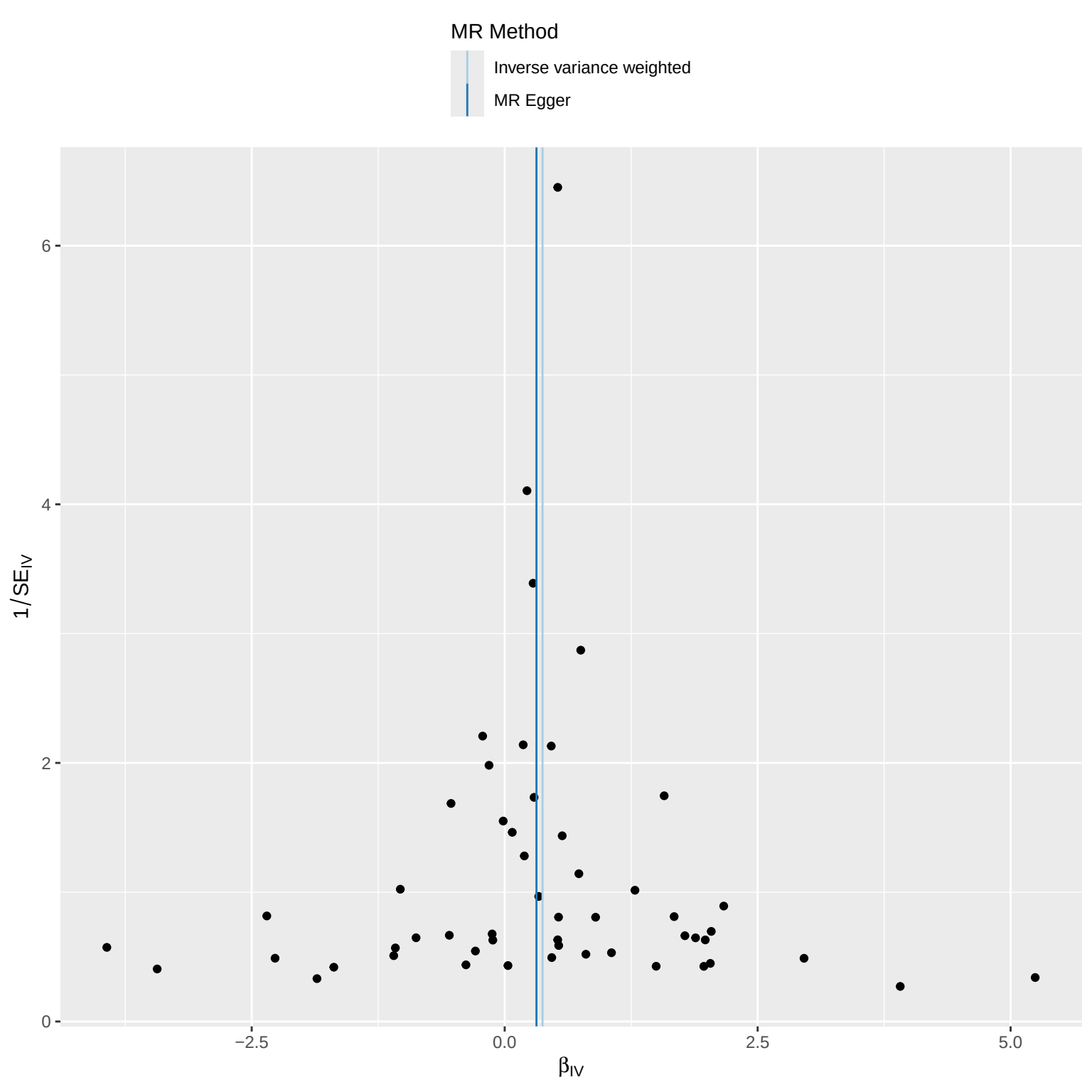

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
β_IV

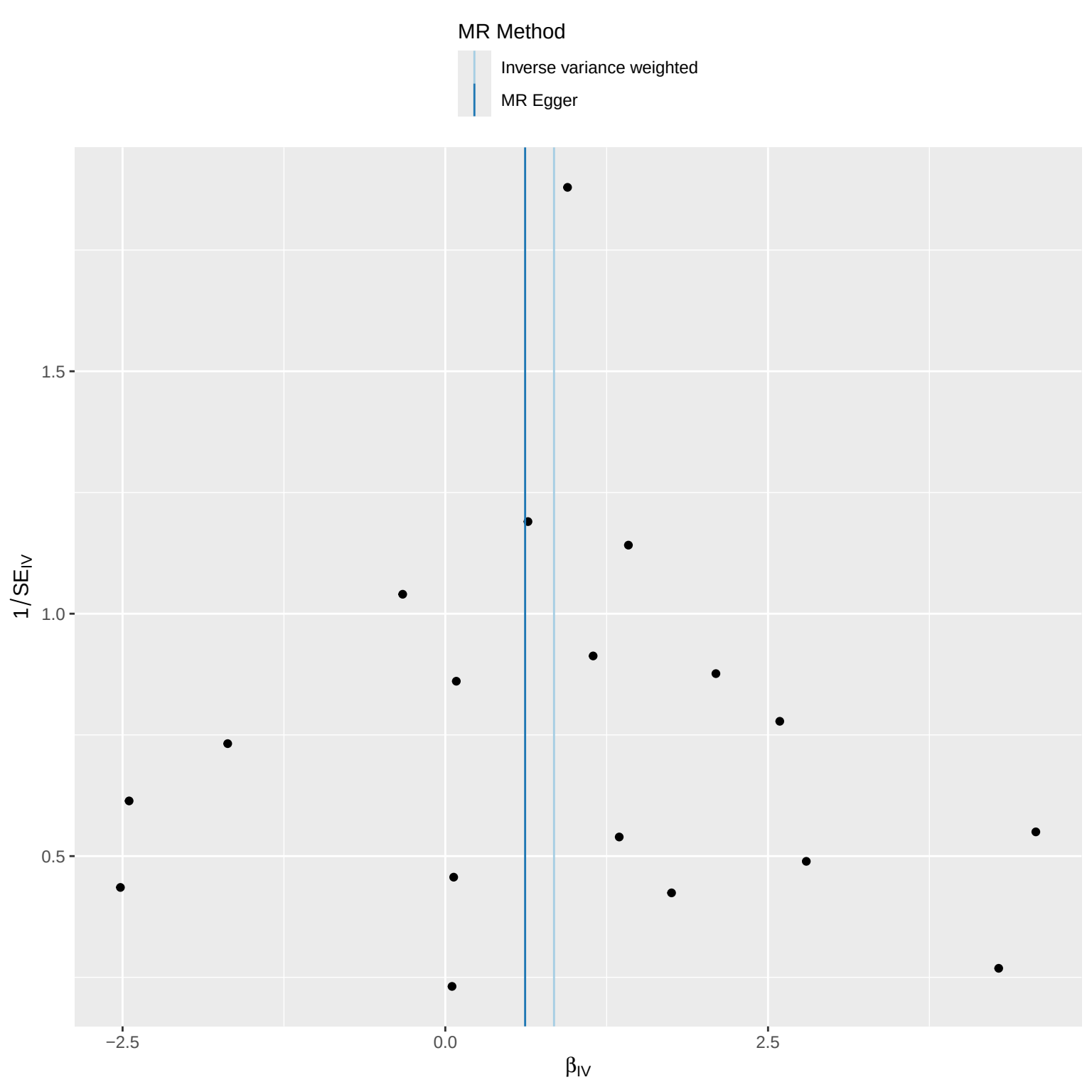

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−4
−2
0
β_IV

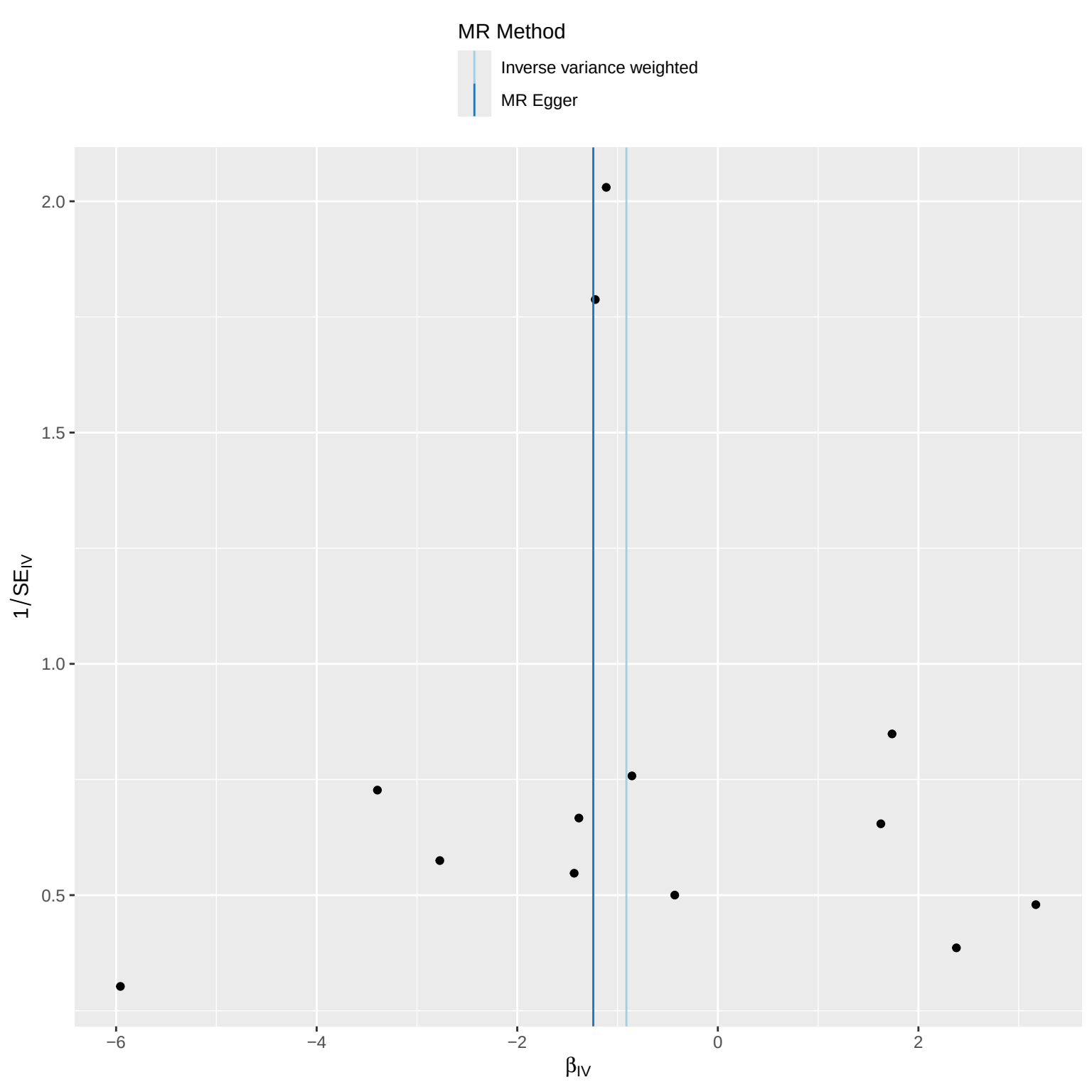

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
4
6
β_IV

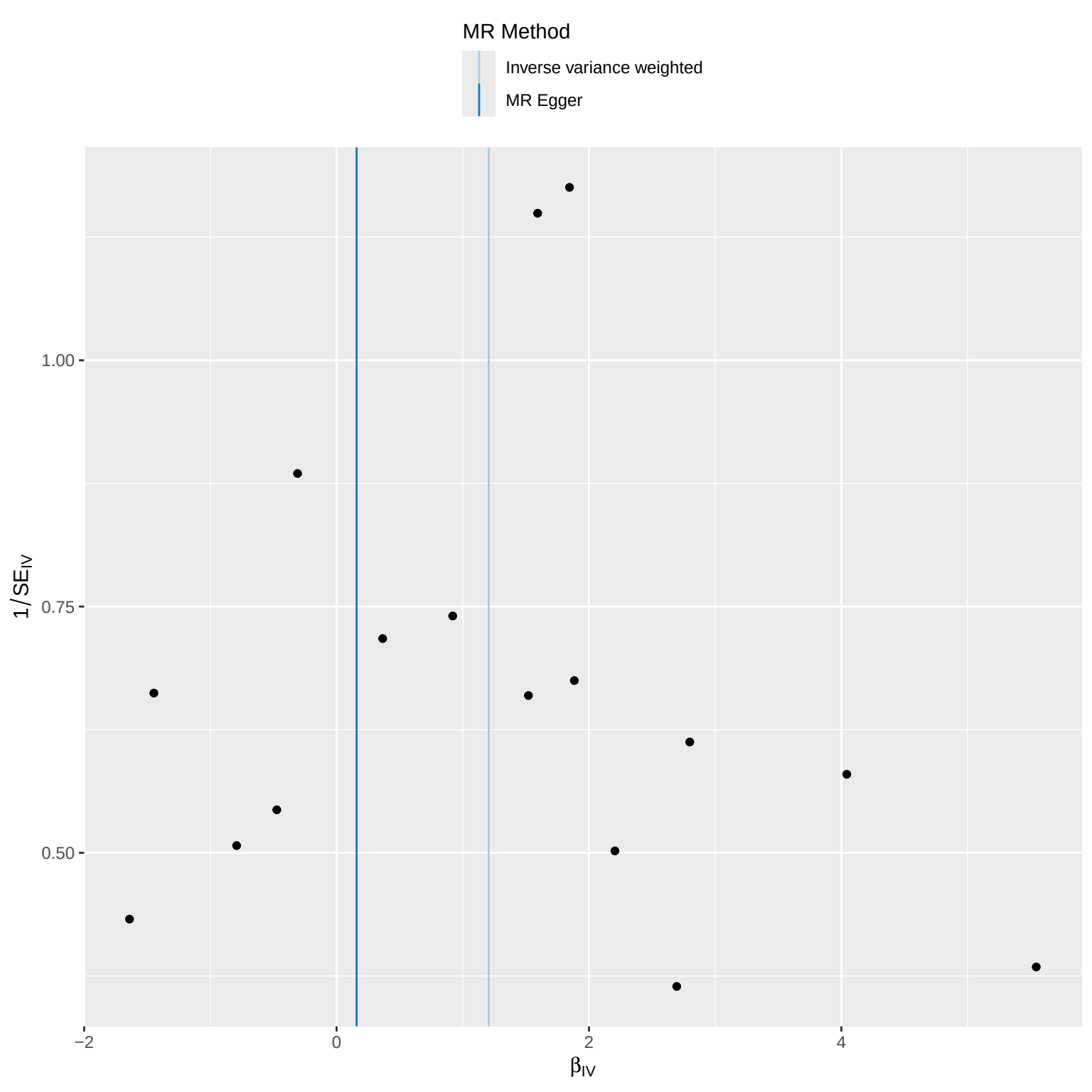

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
1/SE_IV
−3
−2
−1
0
1
2
β_IV

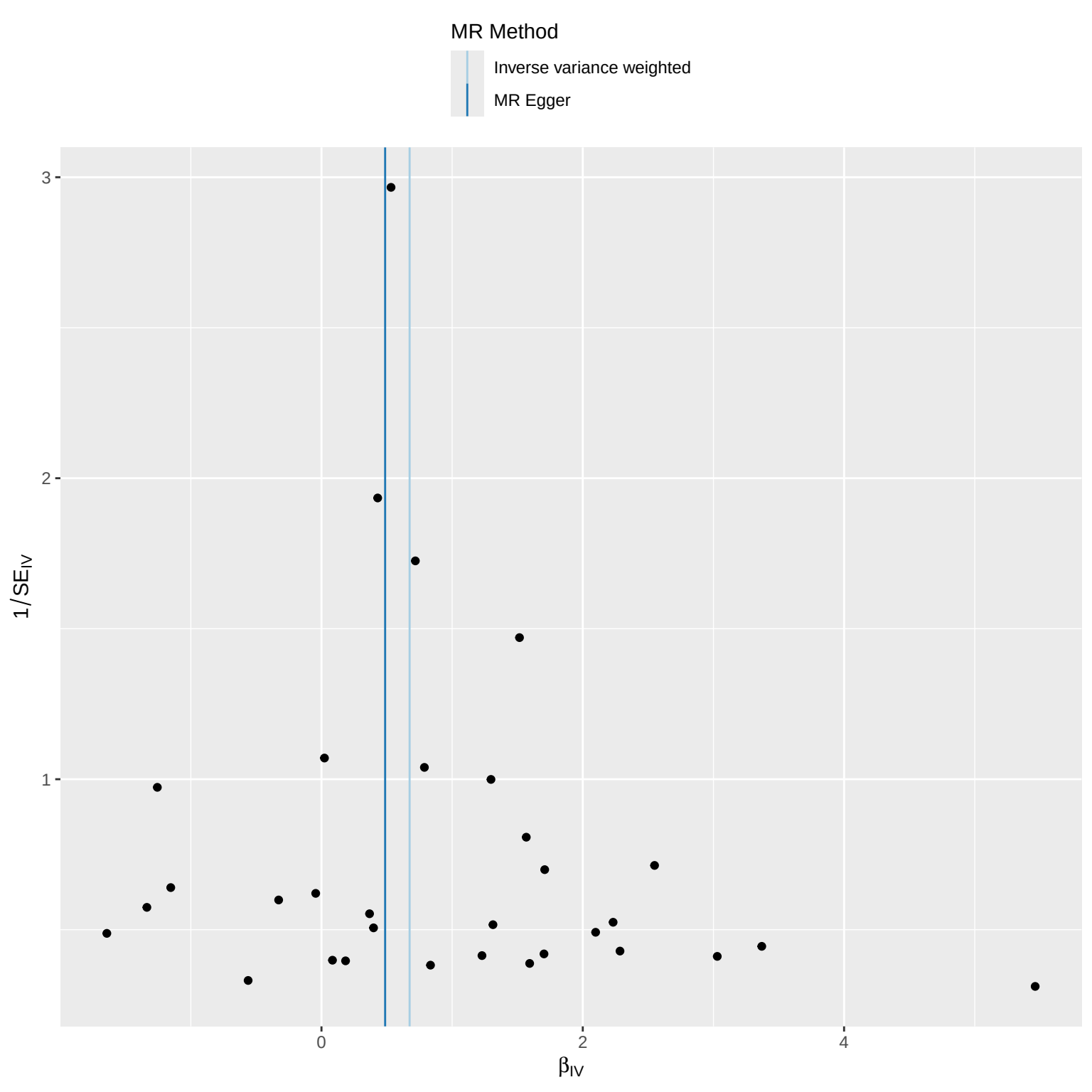

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

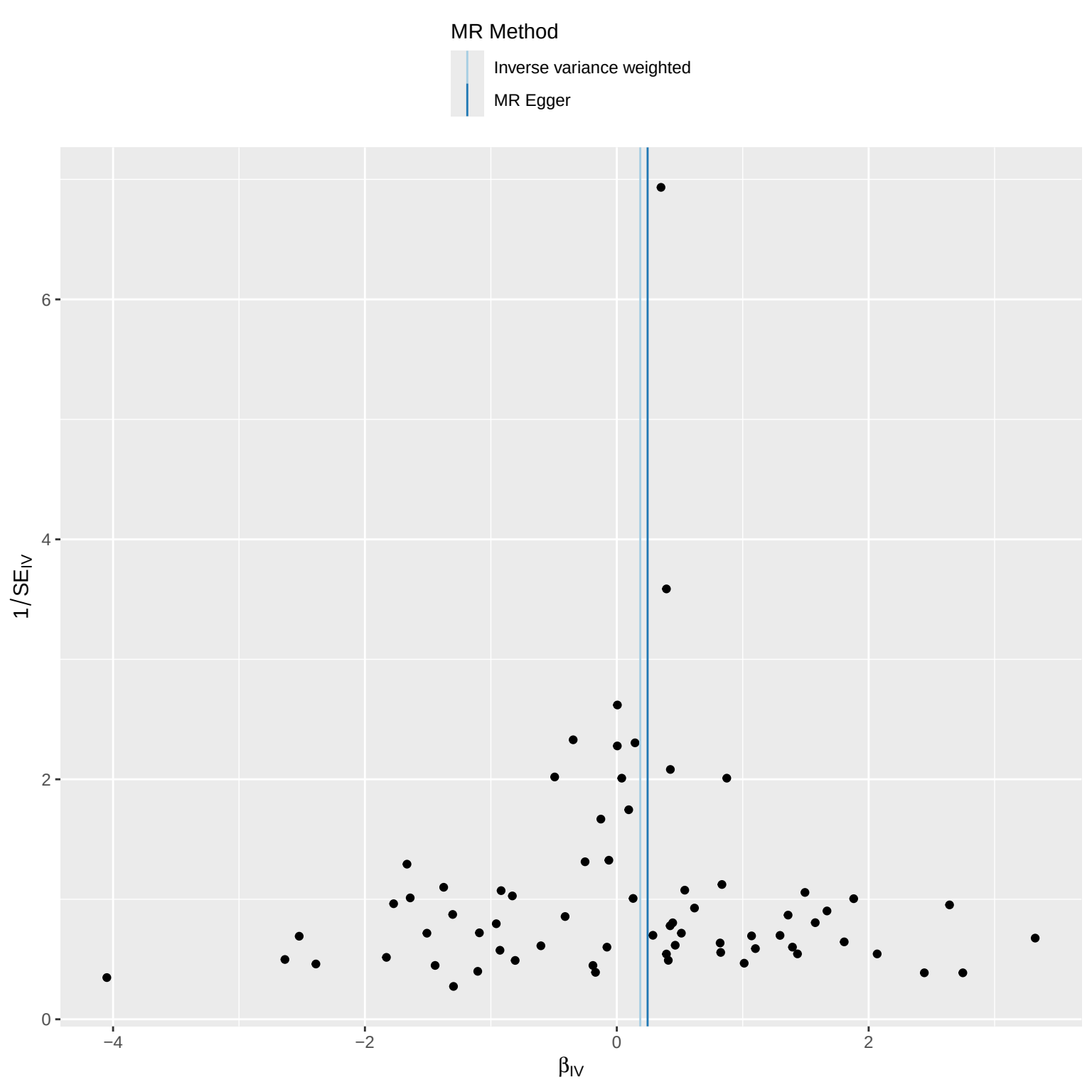

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

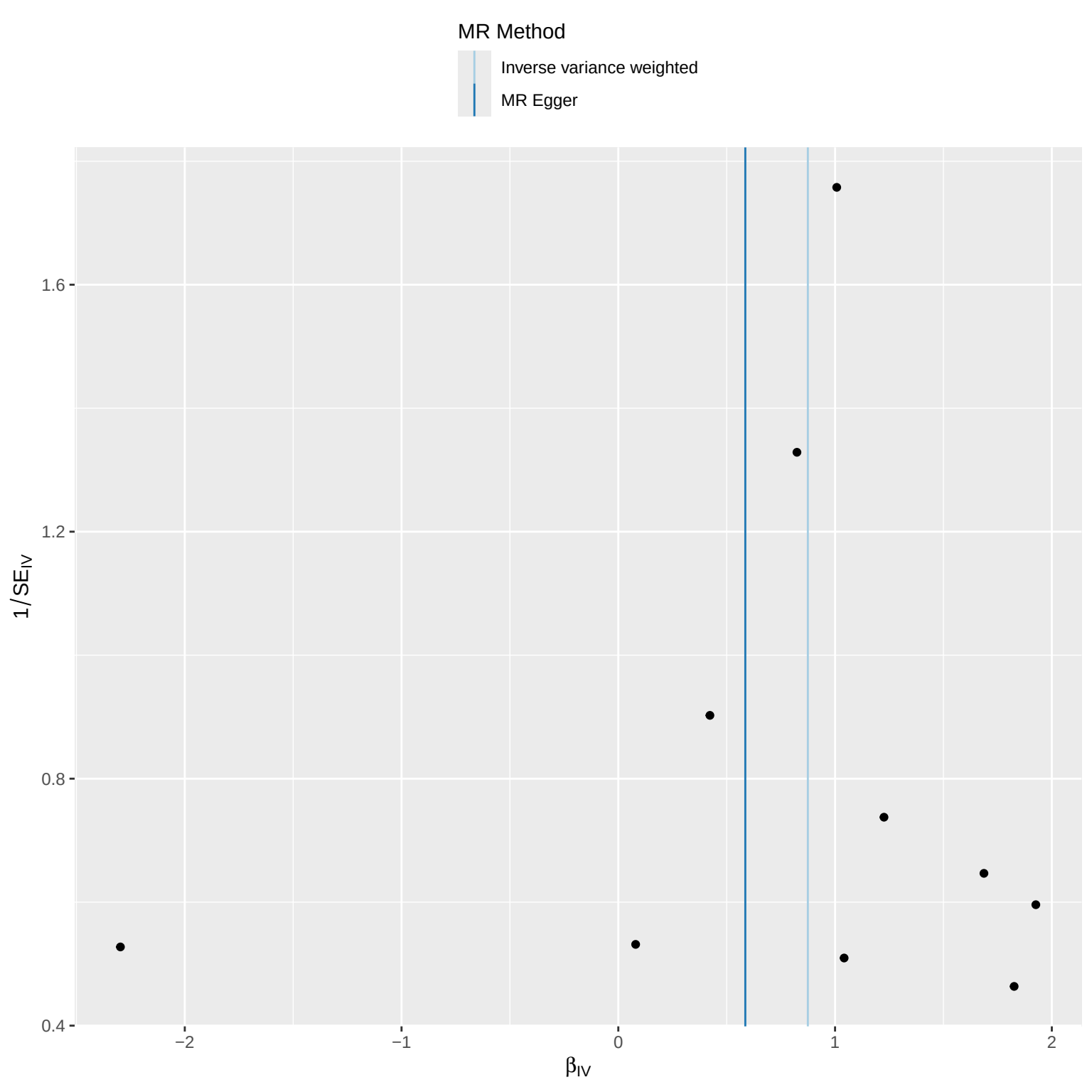

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

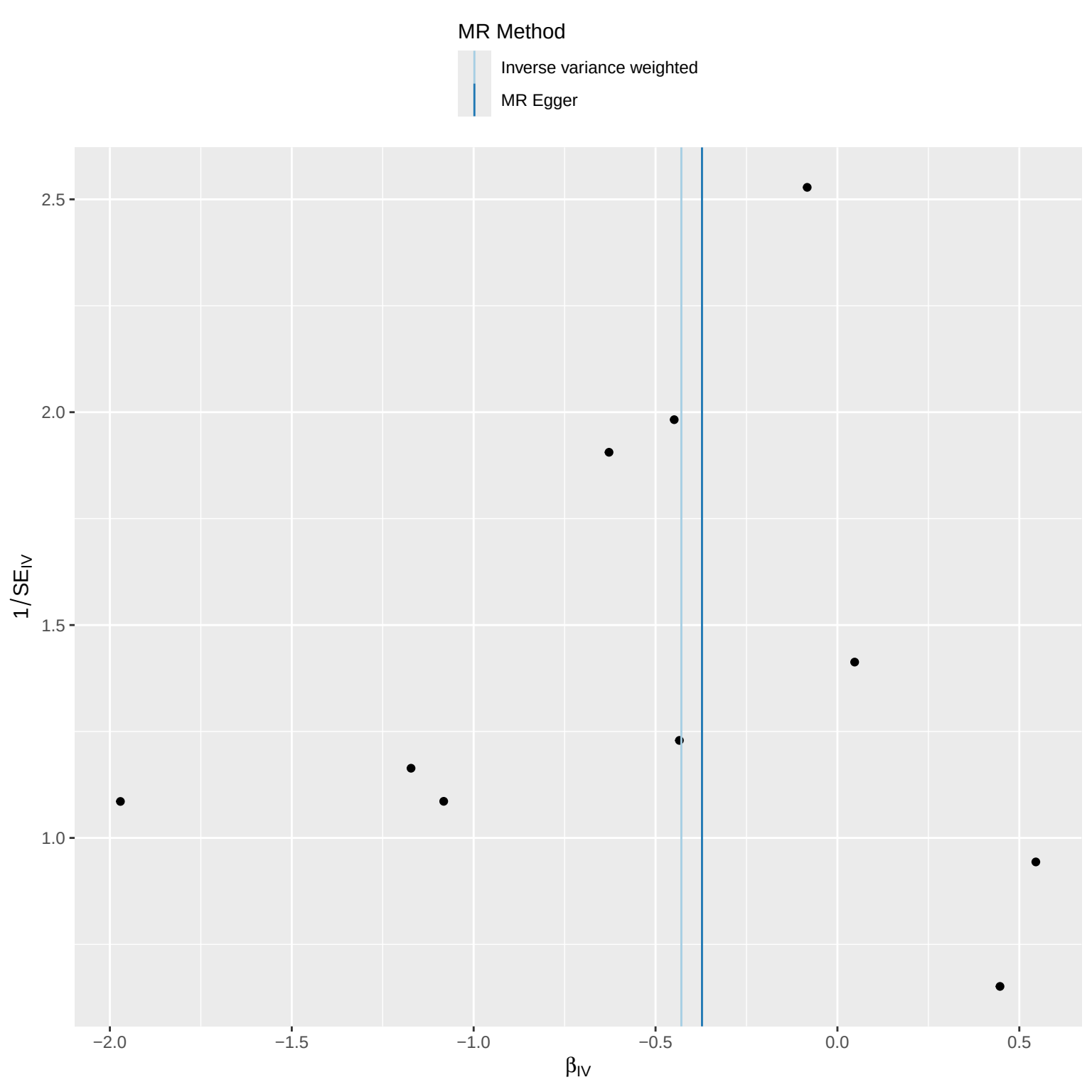

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

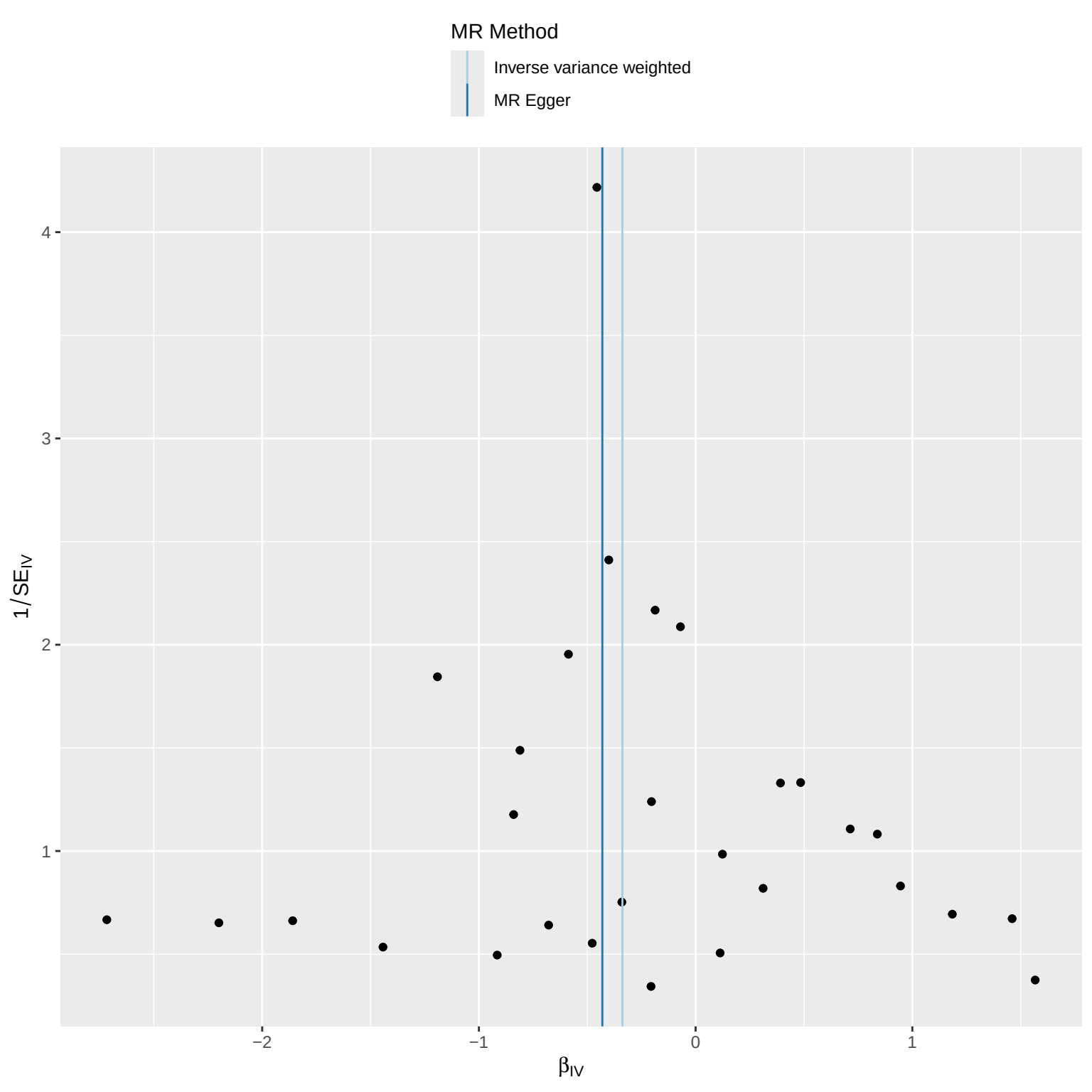

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−2
0
2
4
β_IV

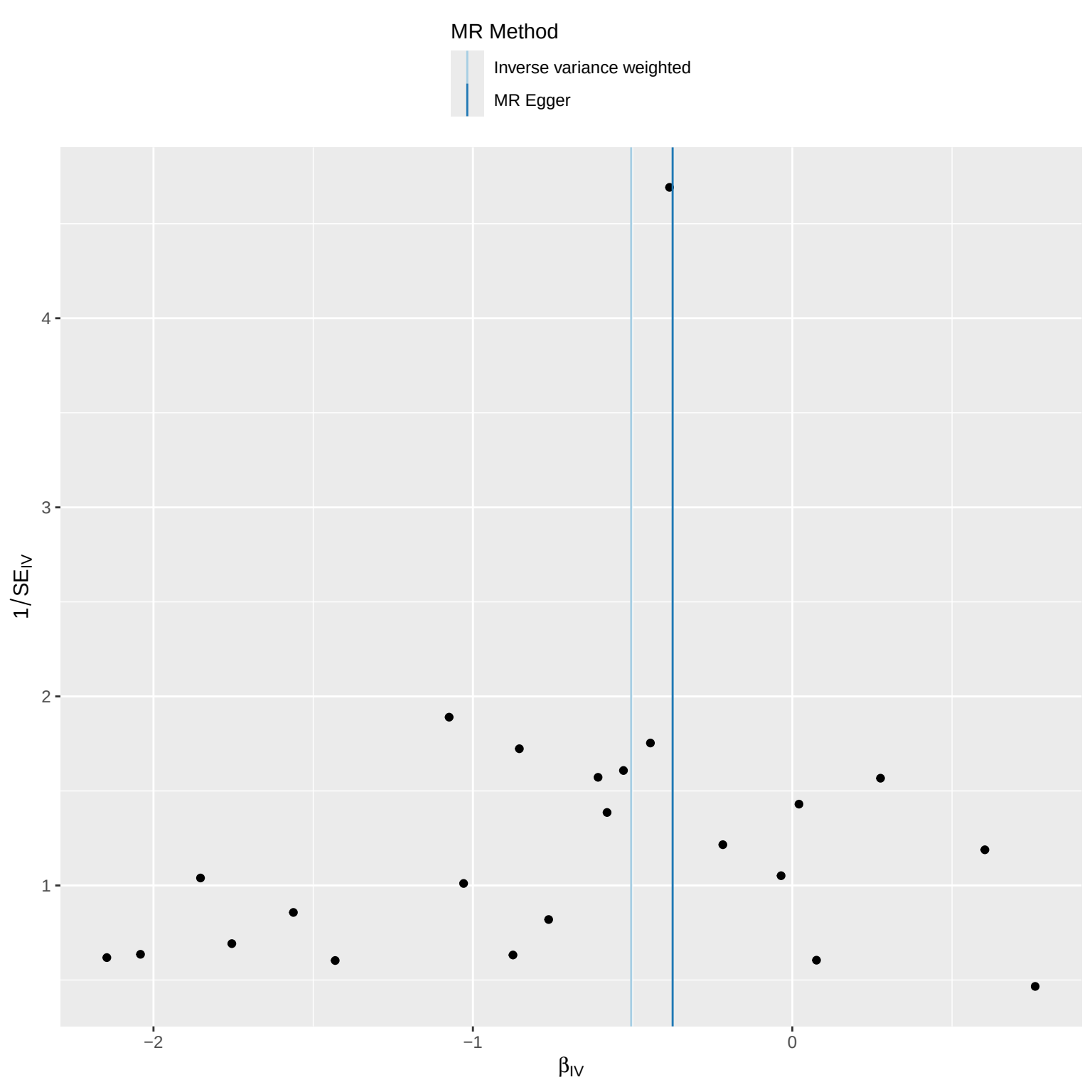

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
2
4
1/SE_IV
β_IV

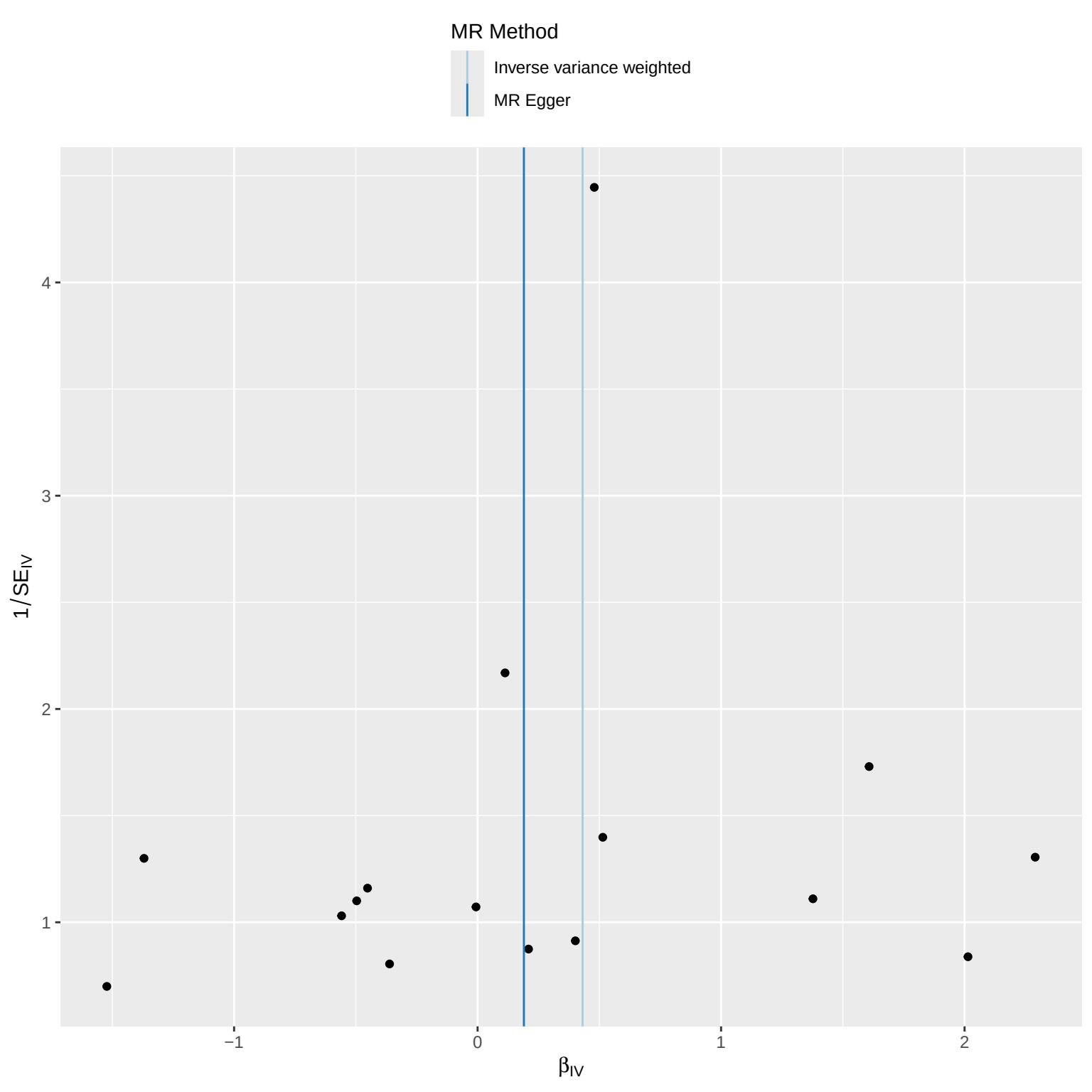

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−4
−2
0
2
β_IV

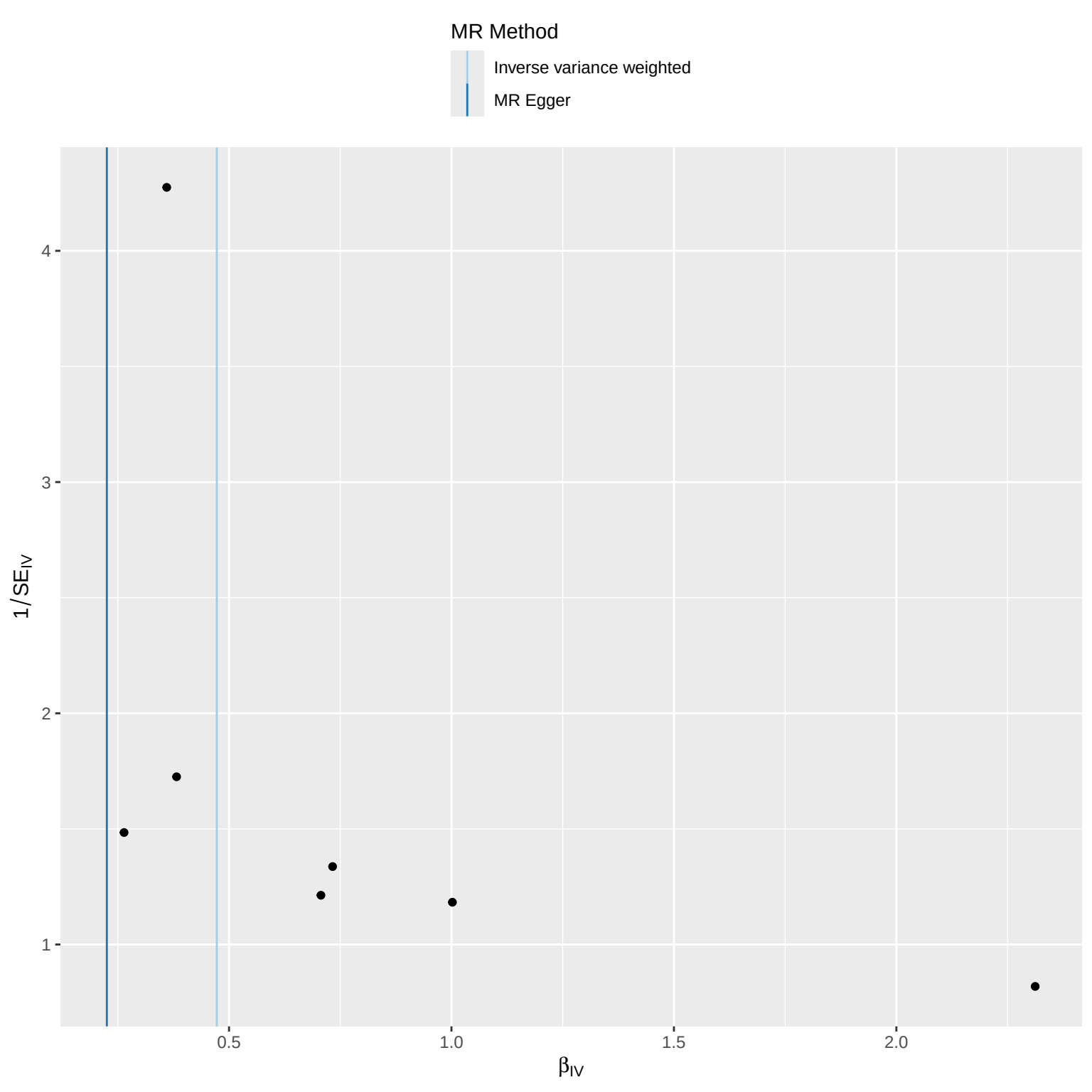

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

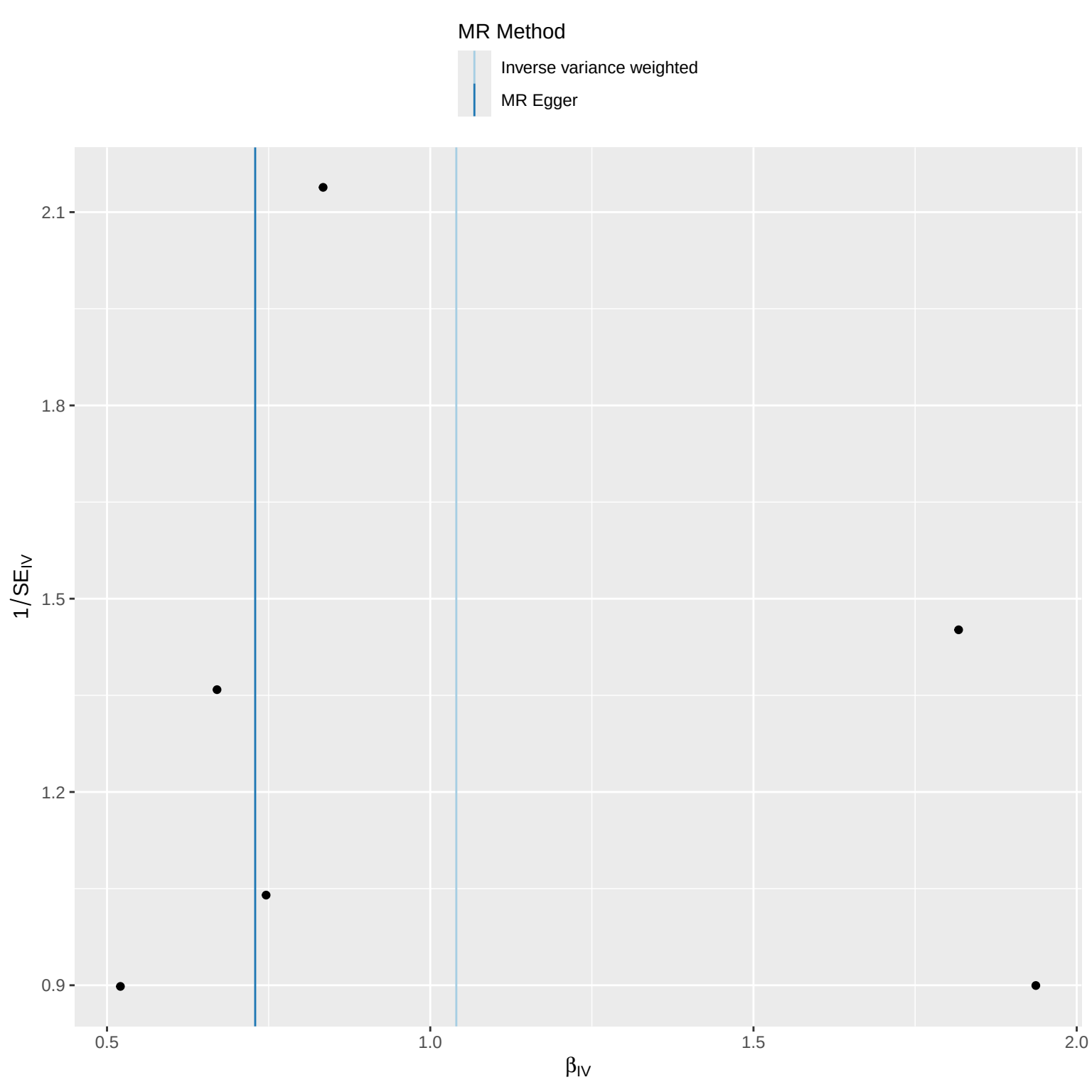

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

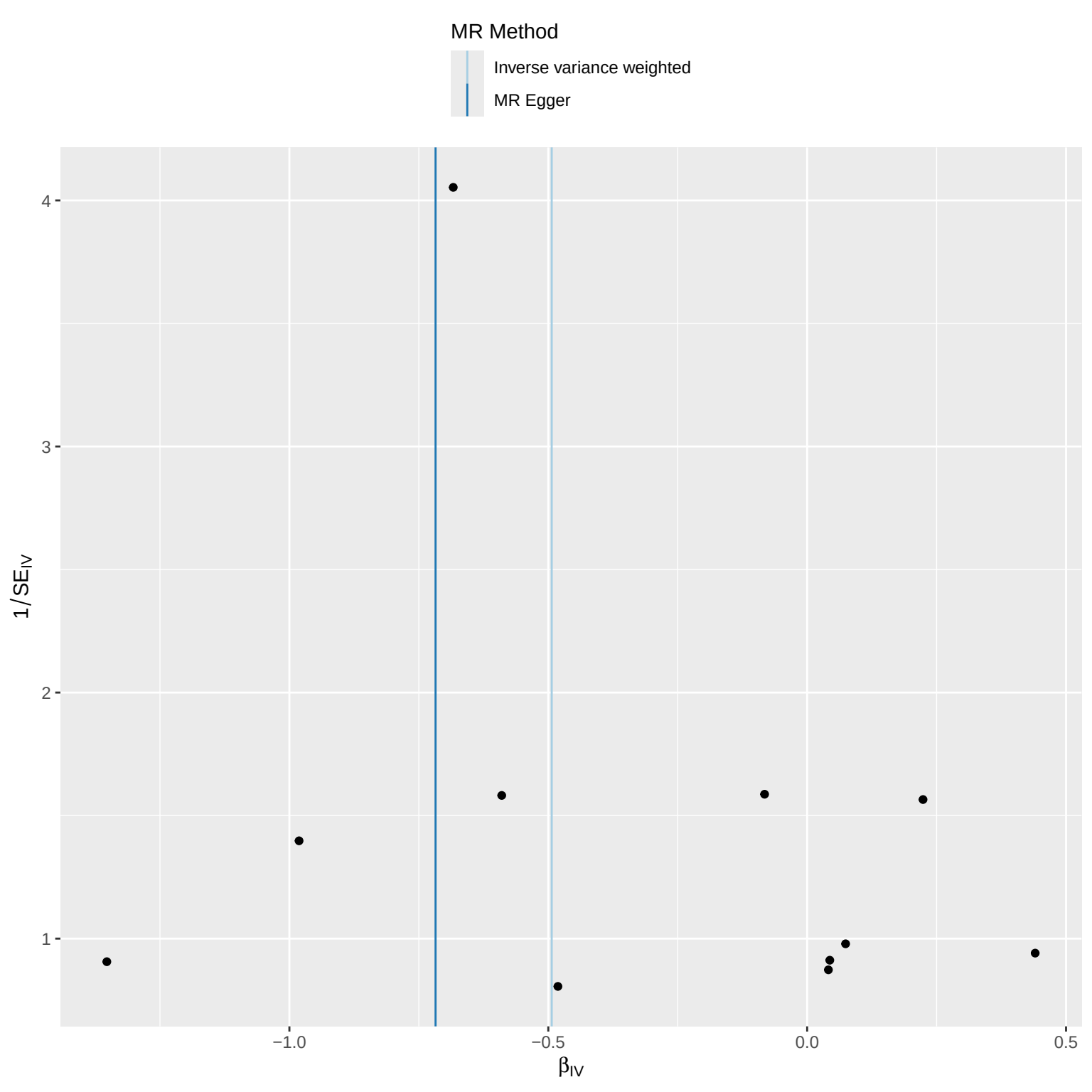

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

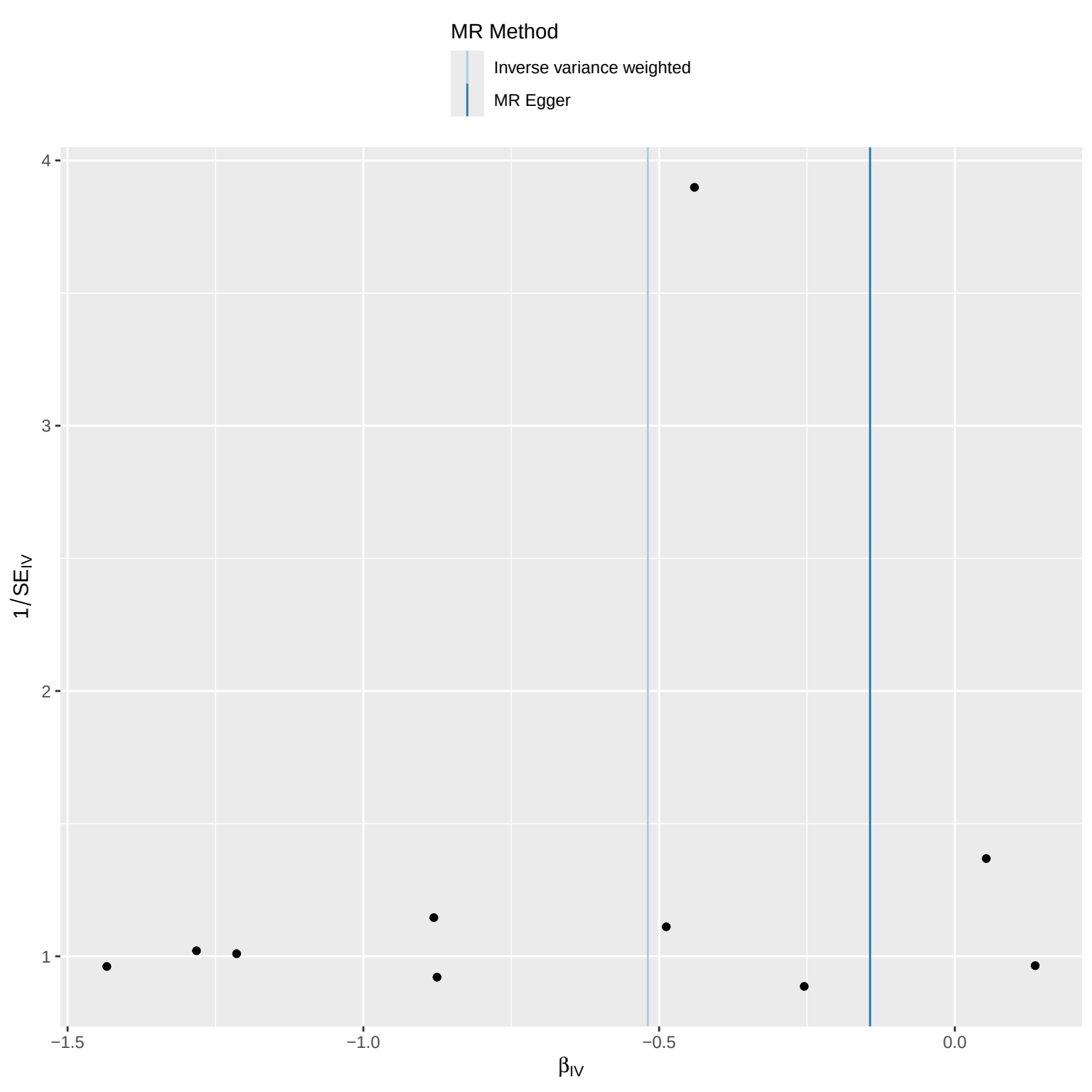

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

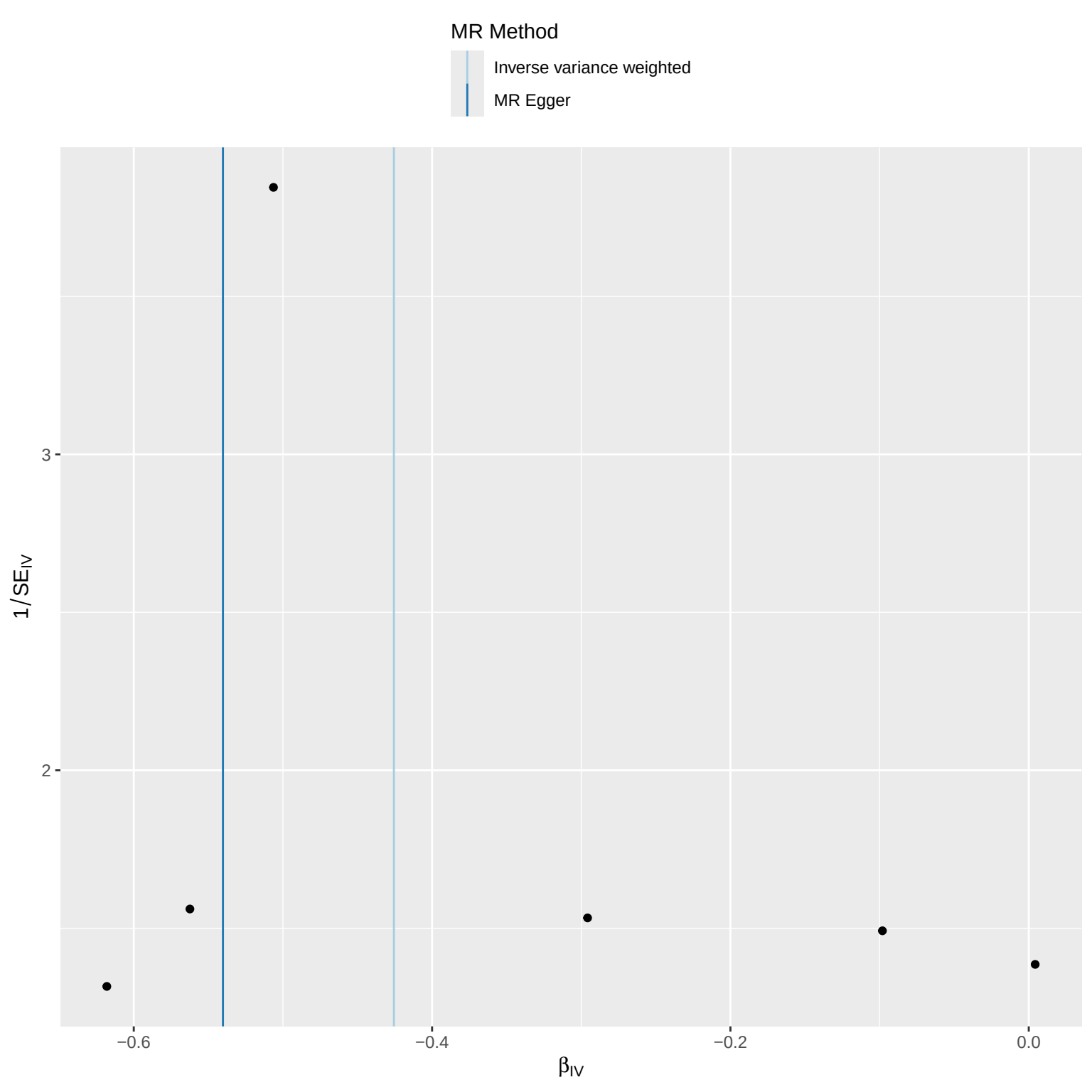

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

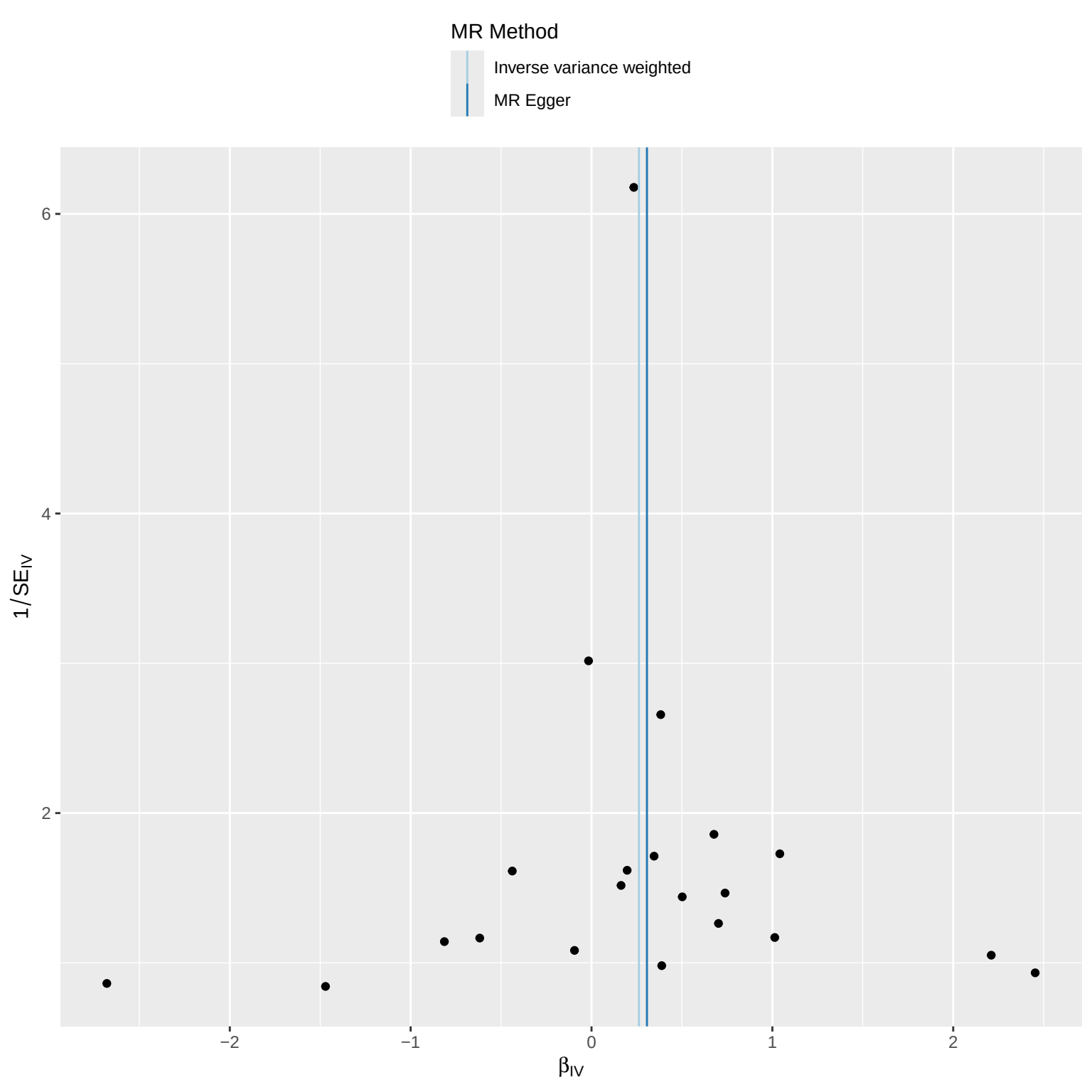

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

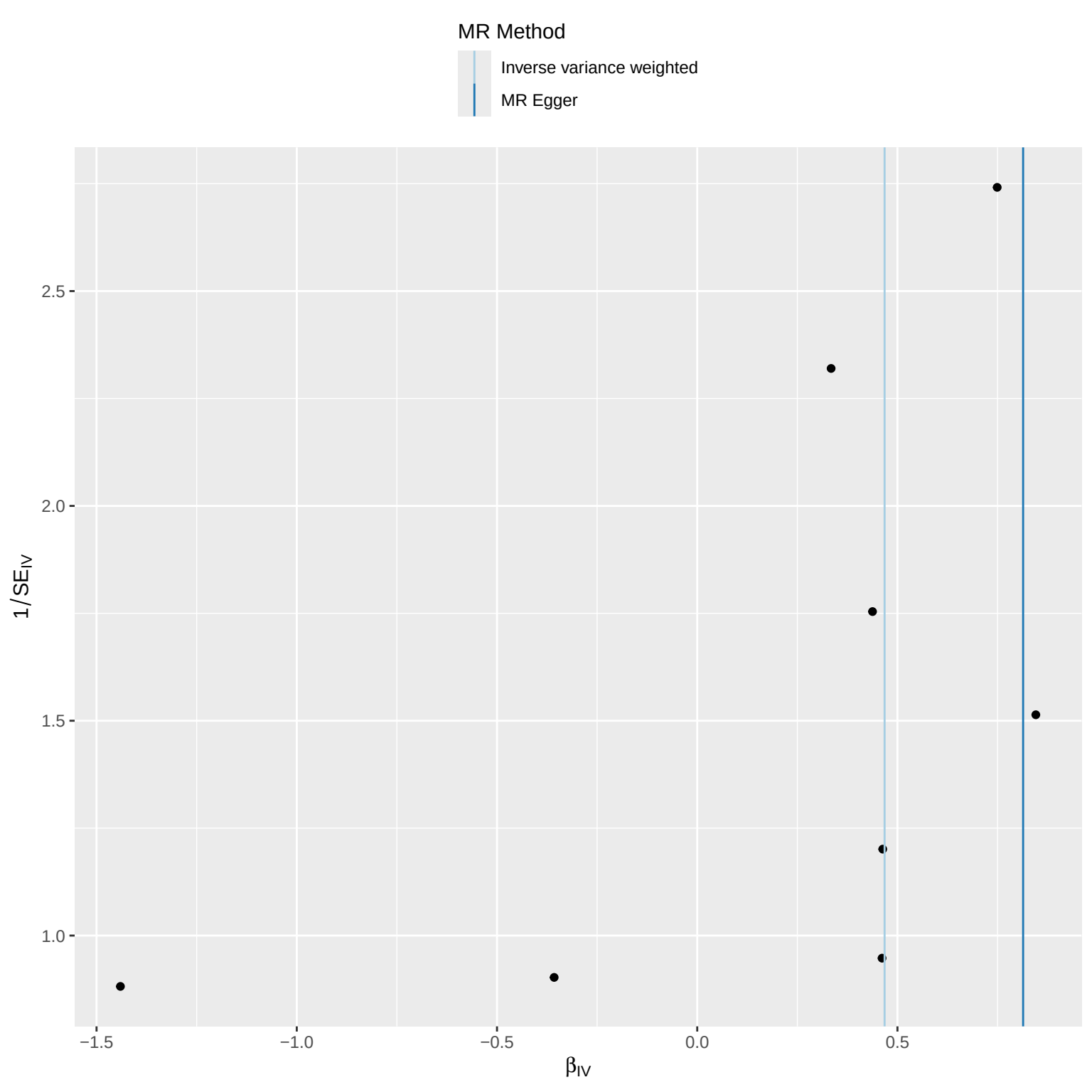

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

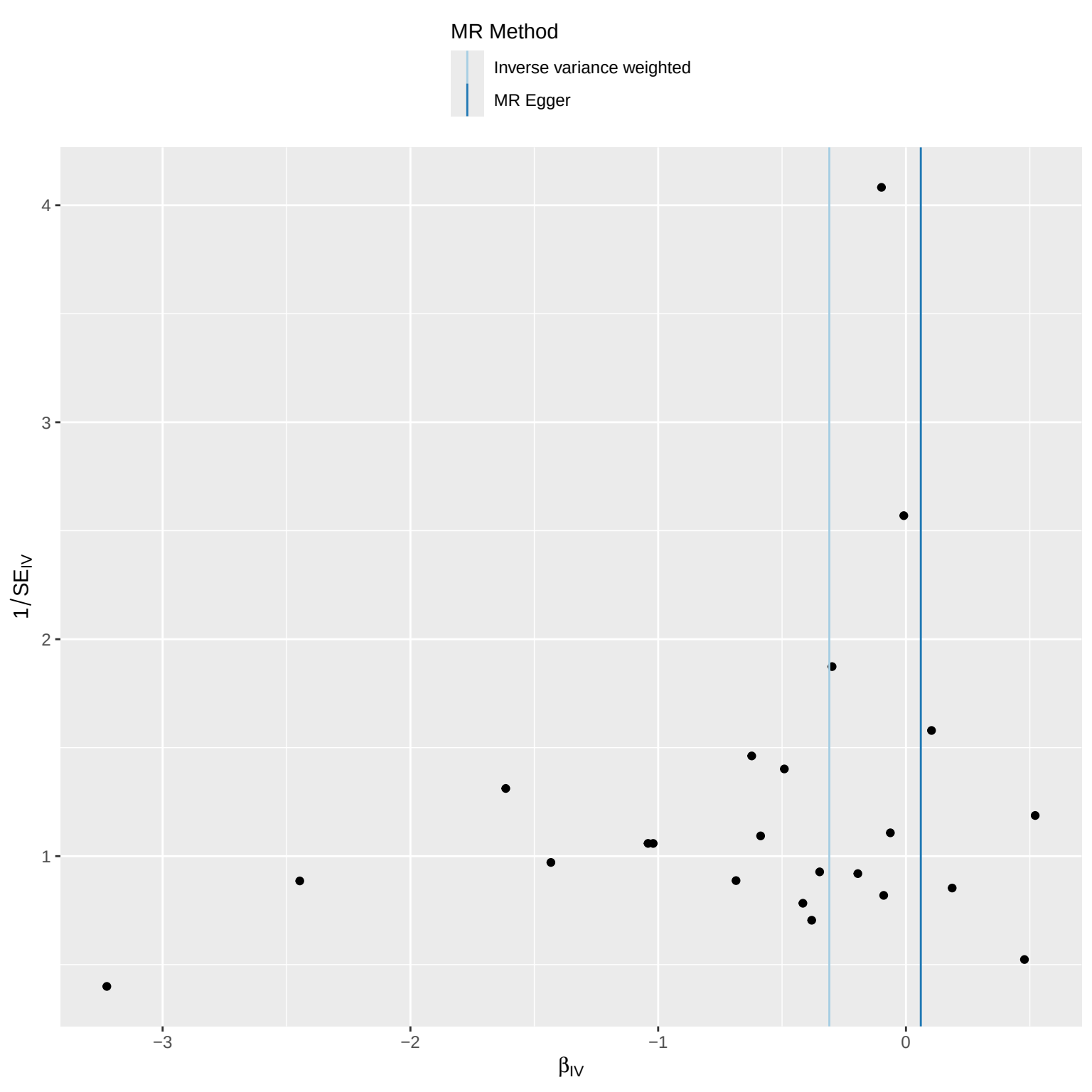

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

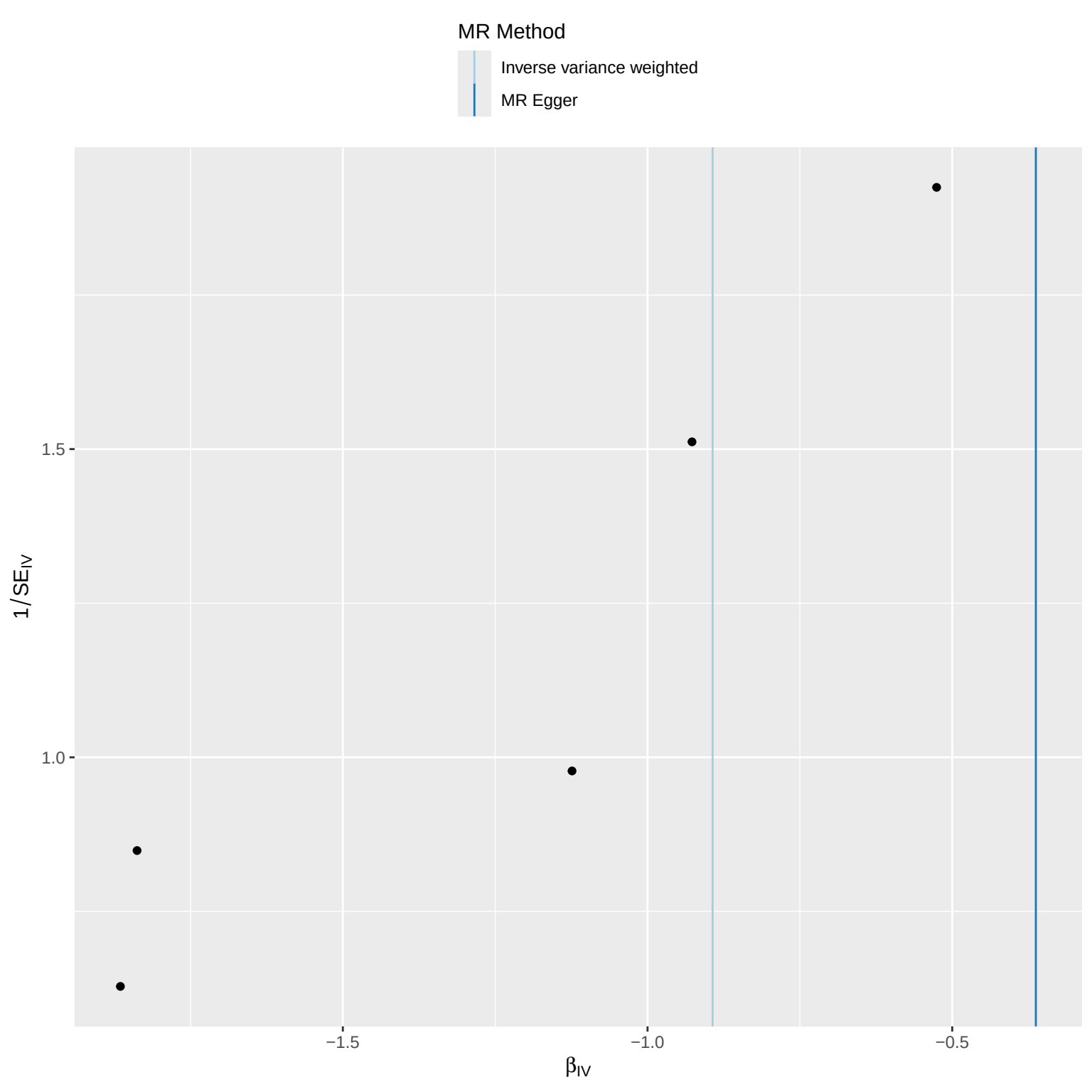

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

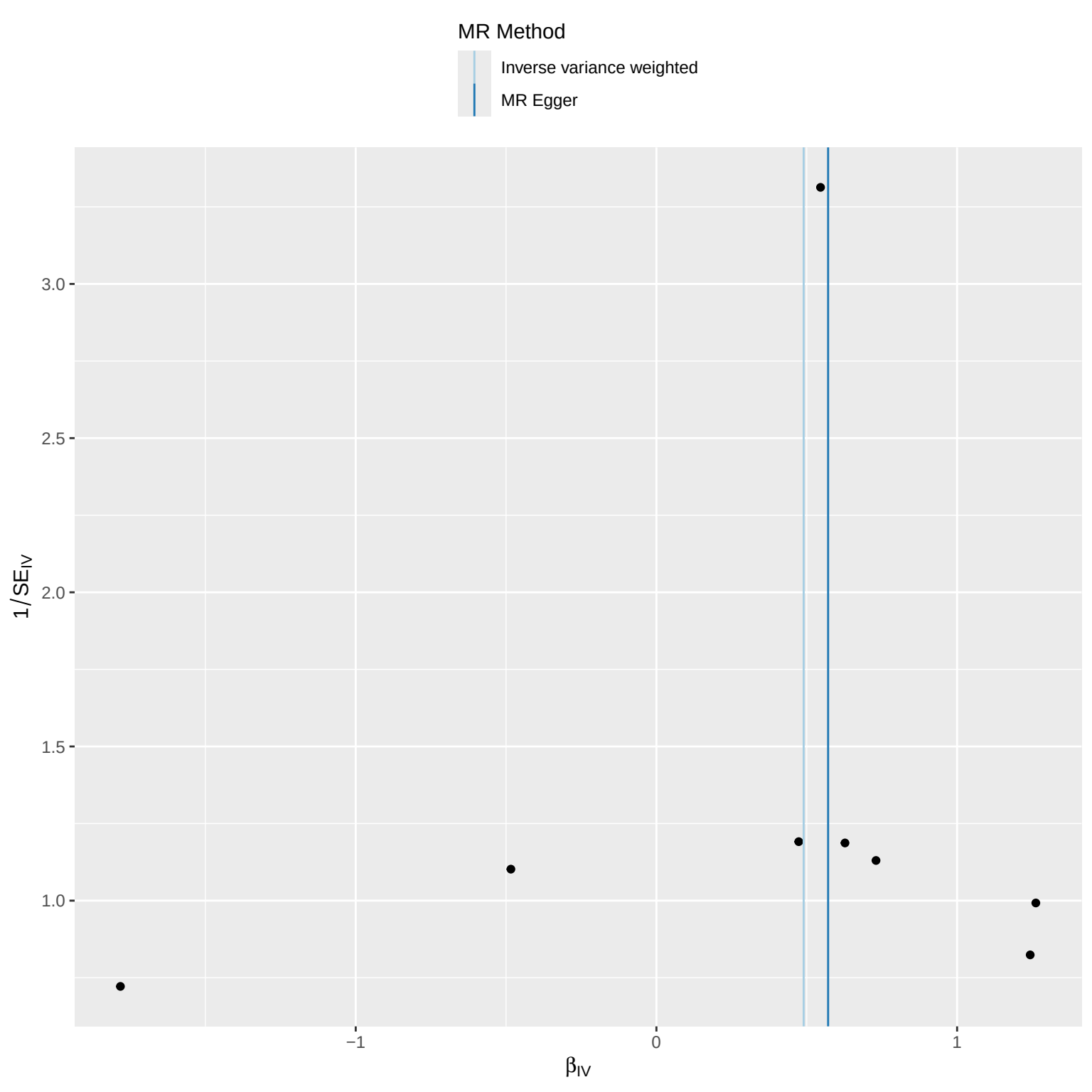

MR Method
Inverse variance weighted
MR Egger
3
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

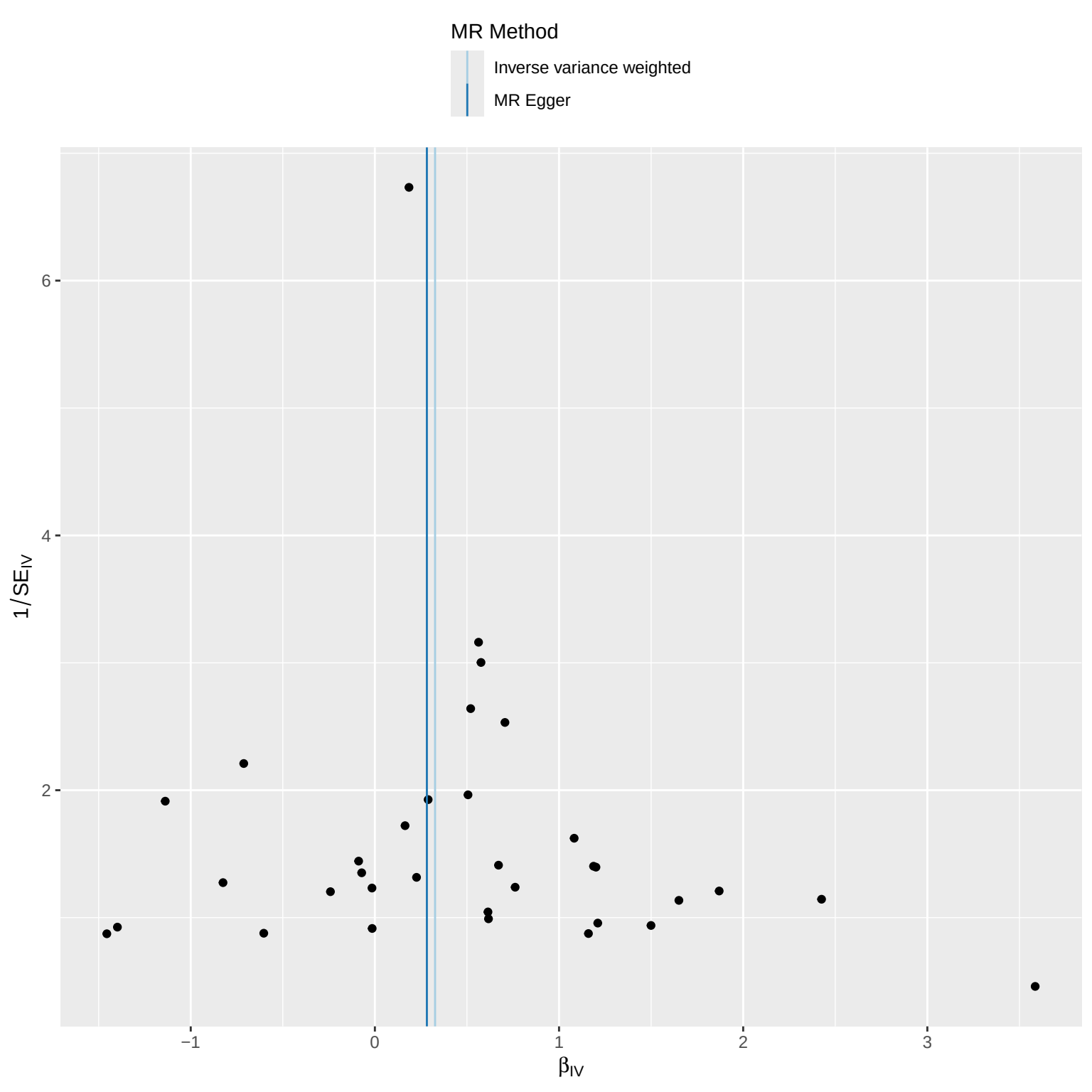

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

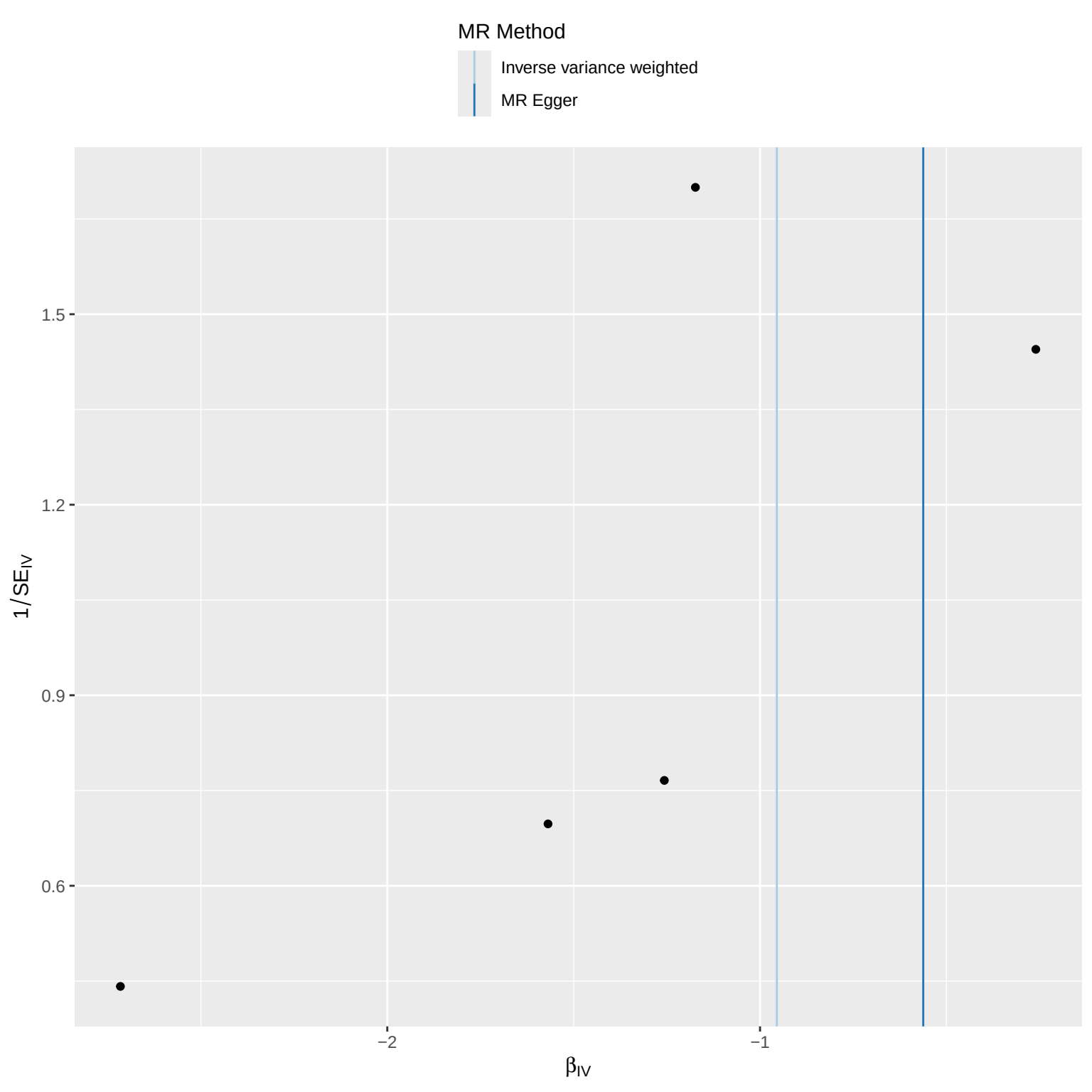

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

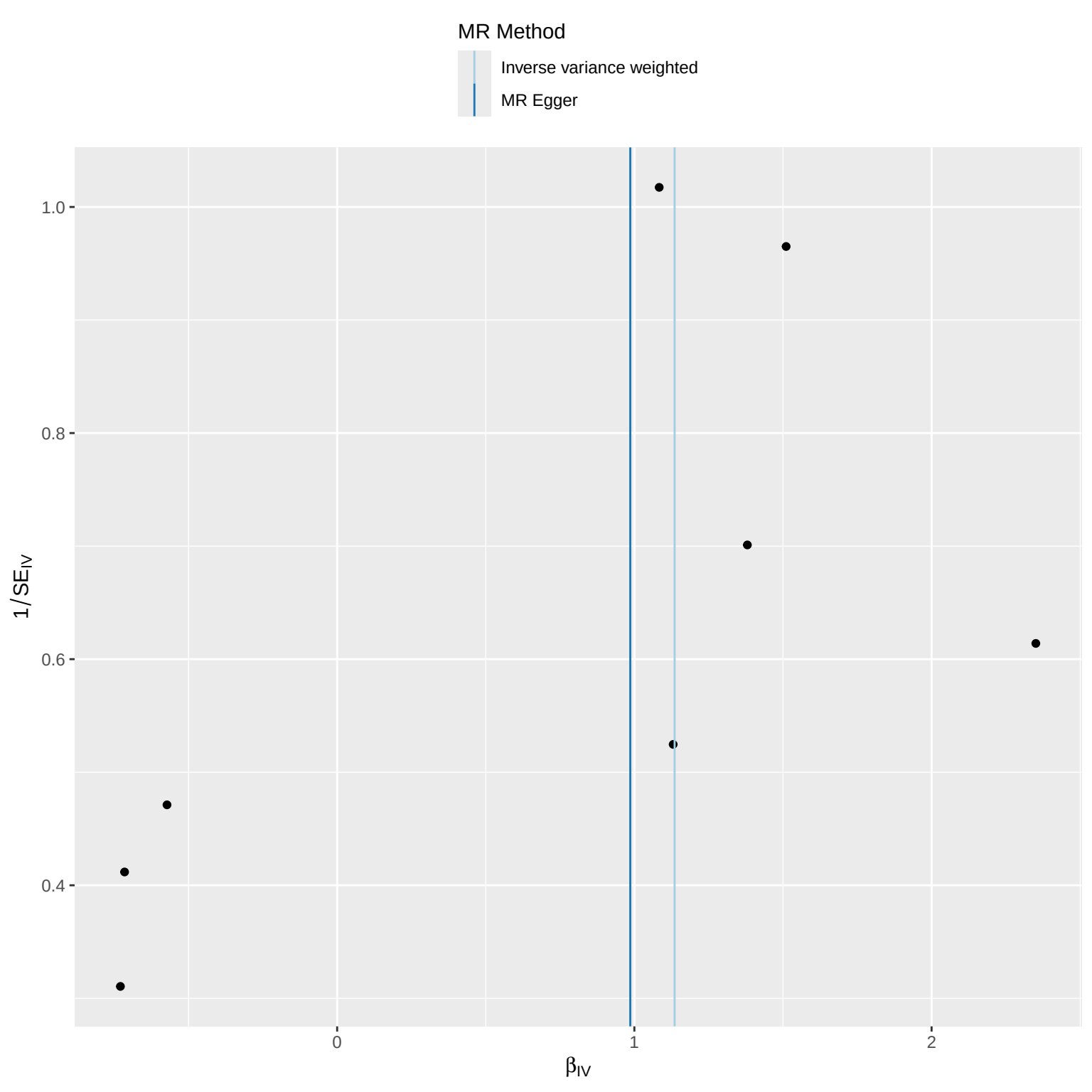

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

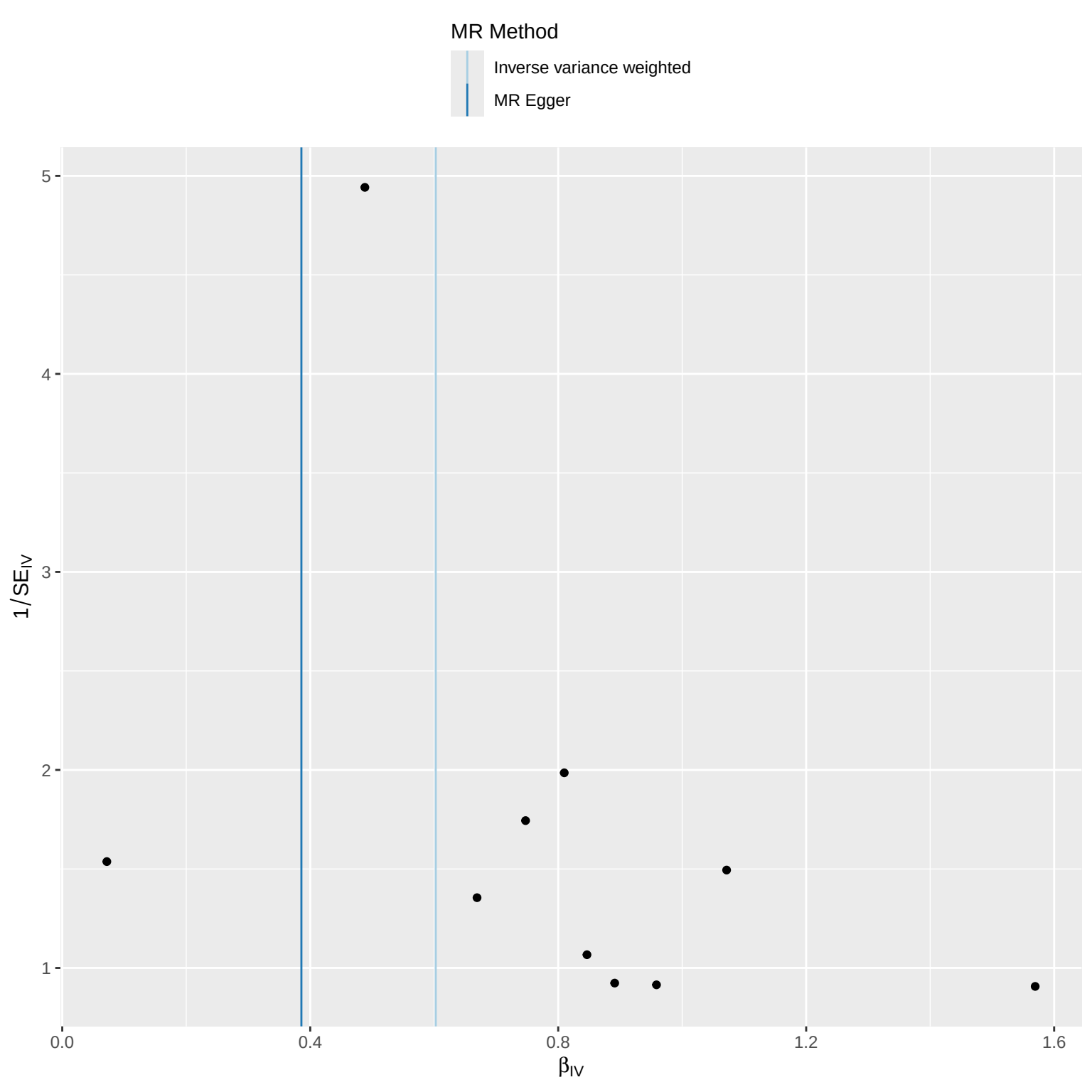

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
β_IV

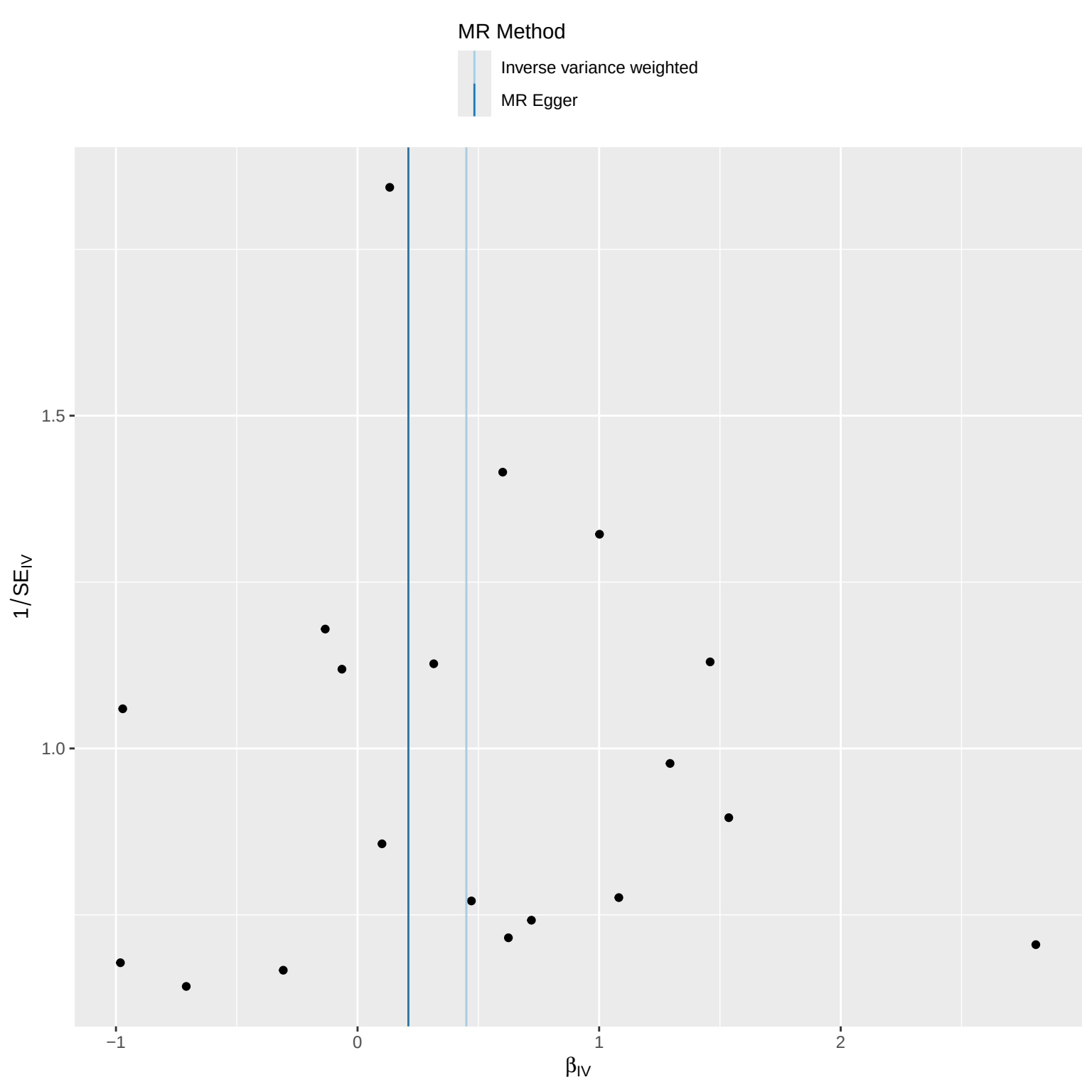

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

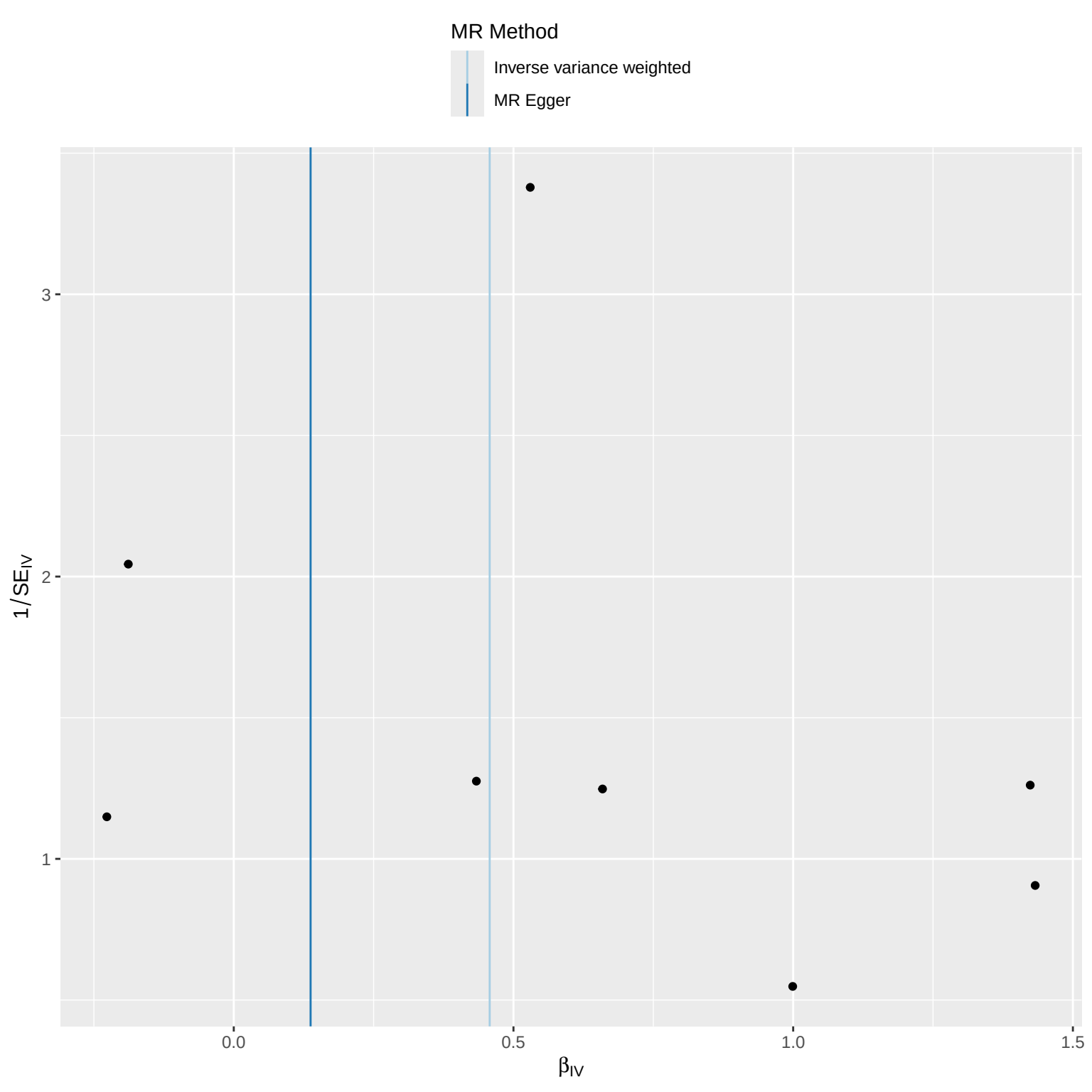

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
3
β_IV

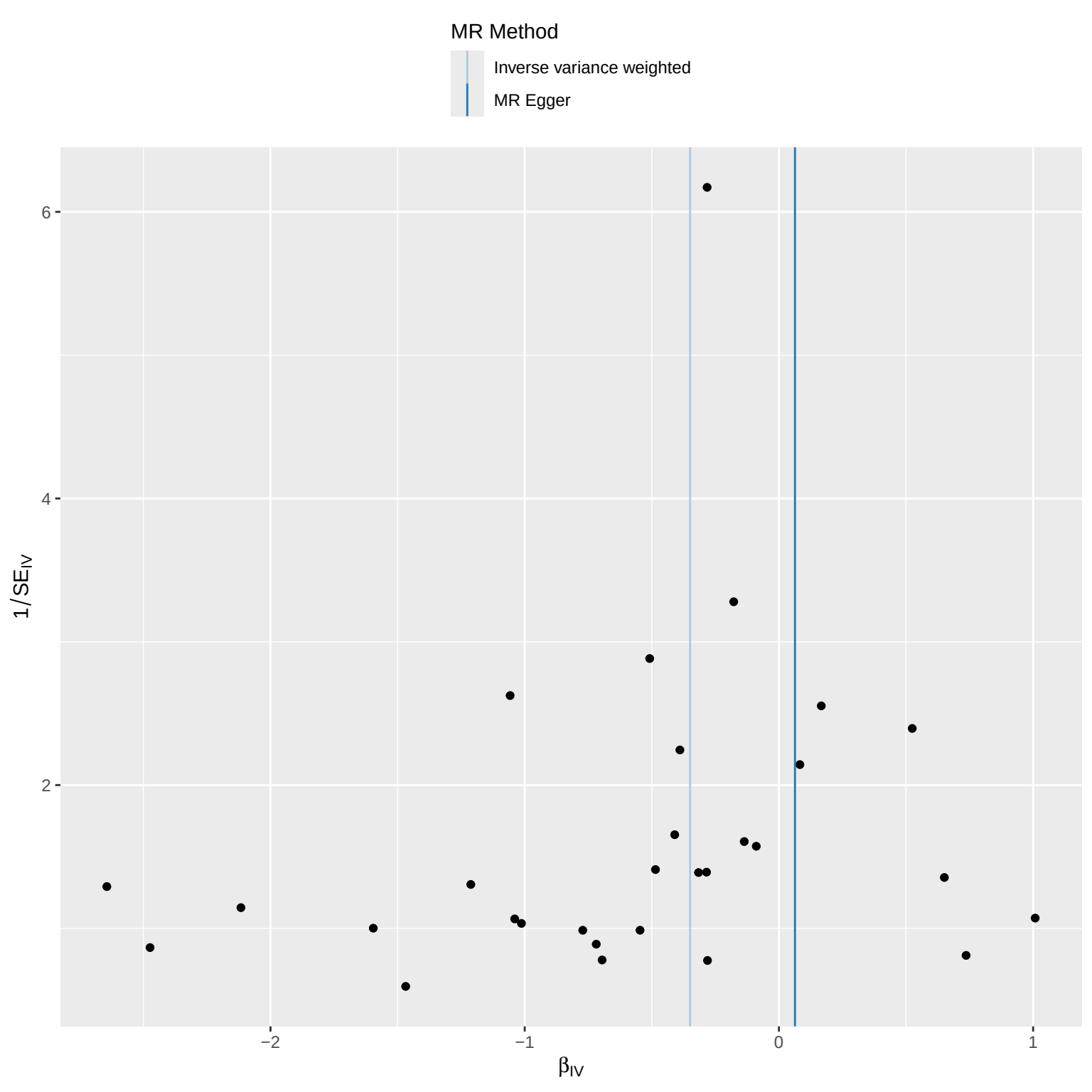

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
β_IV

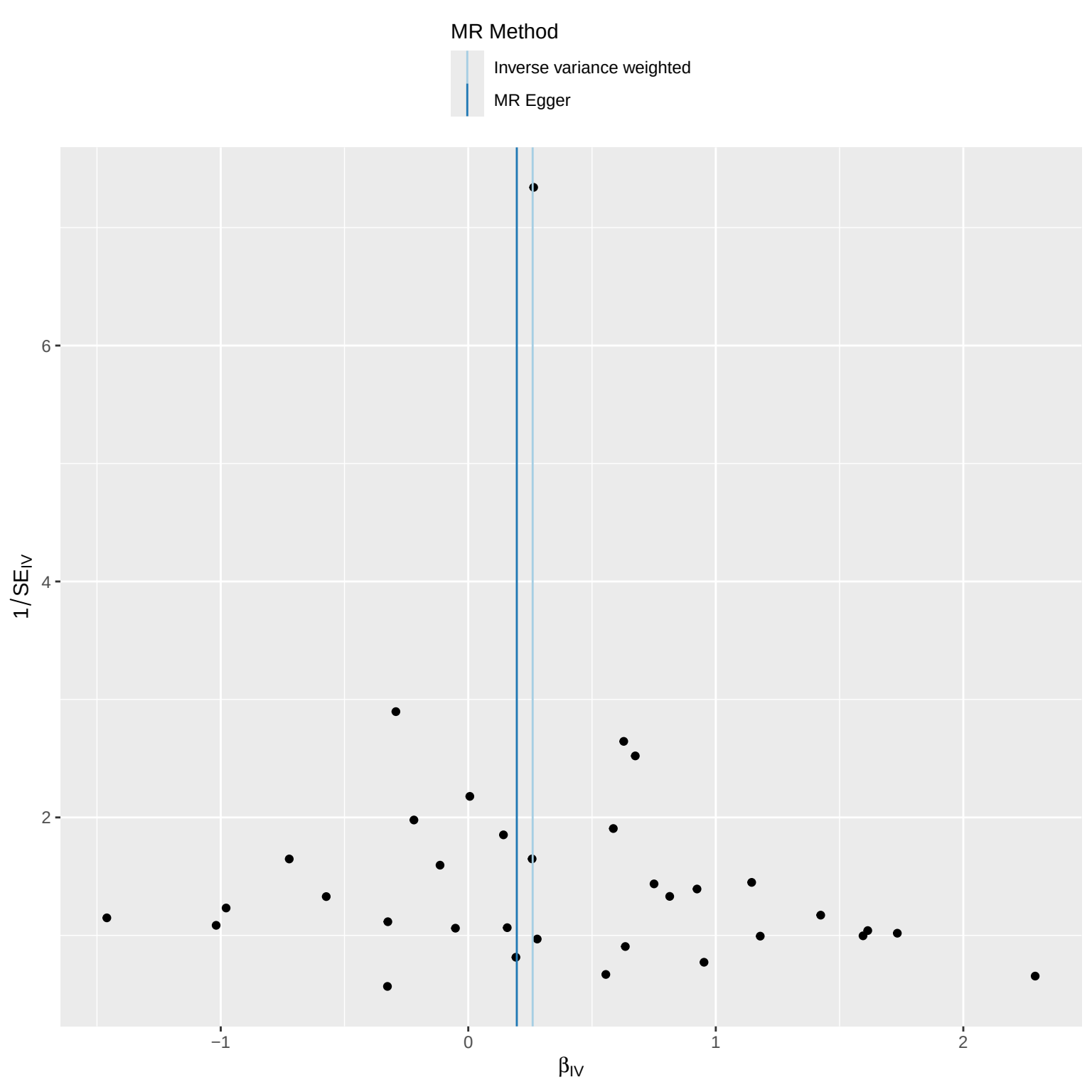

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
β_IV

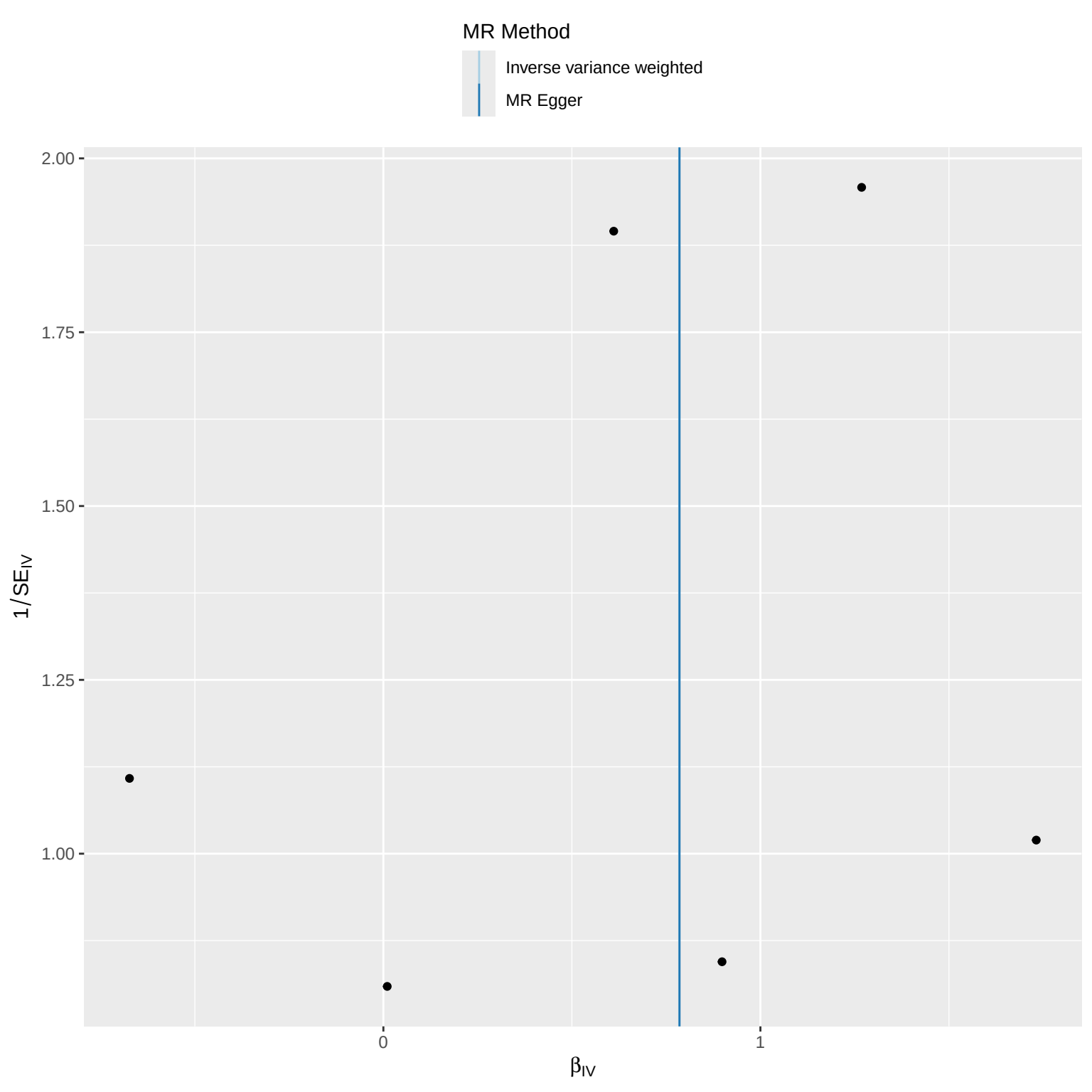

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.4
0.8
1.2
1.6
β_IV

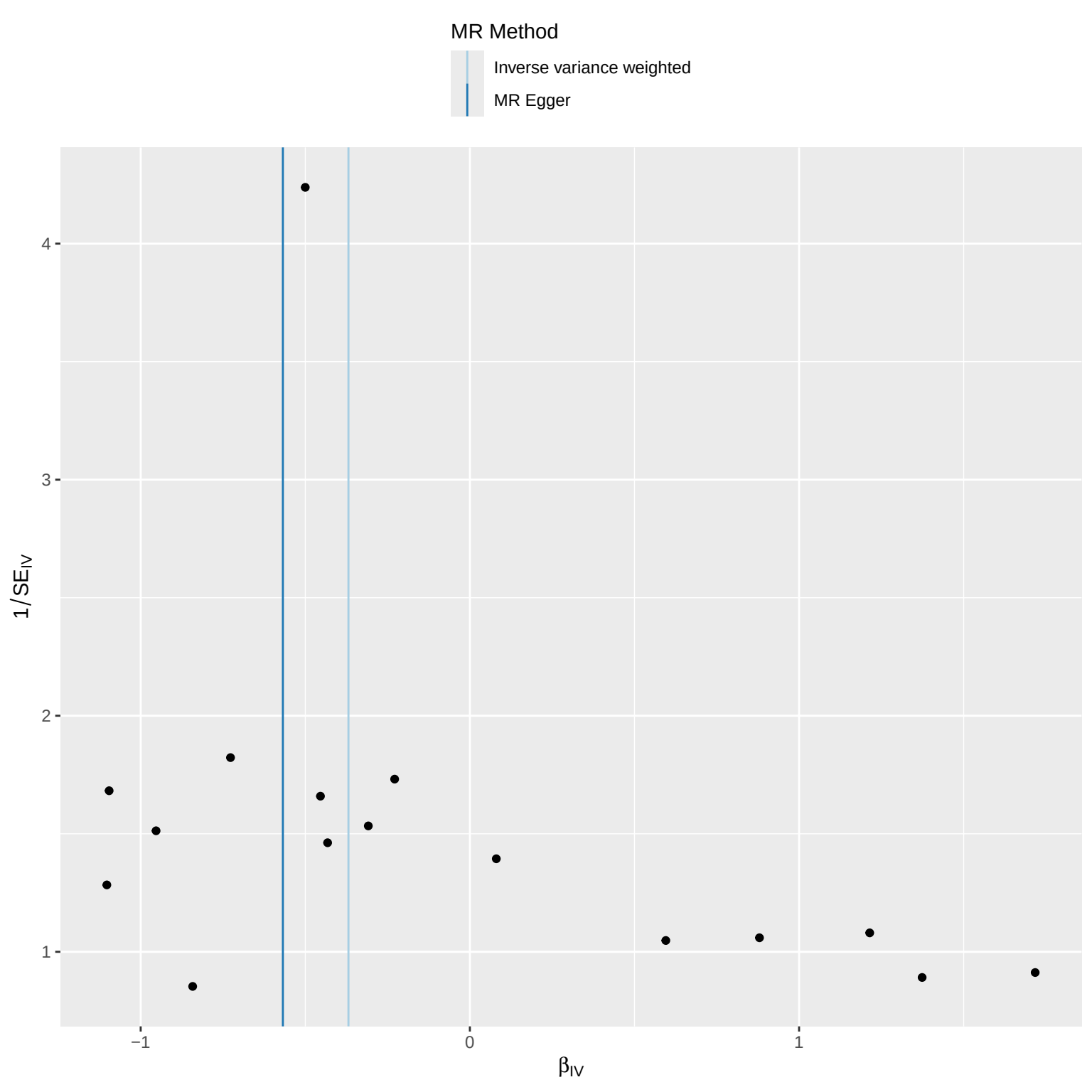

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

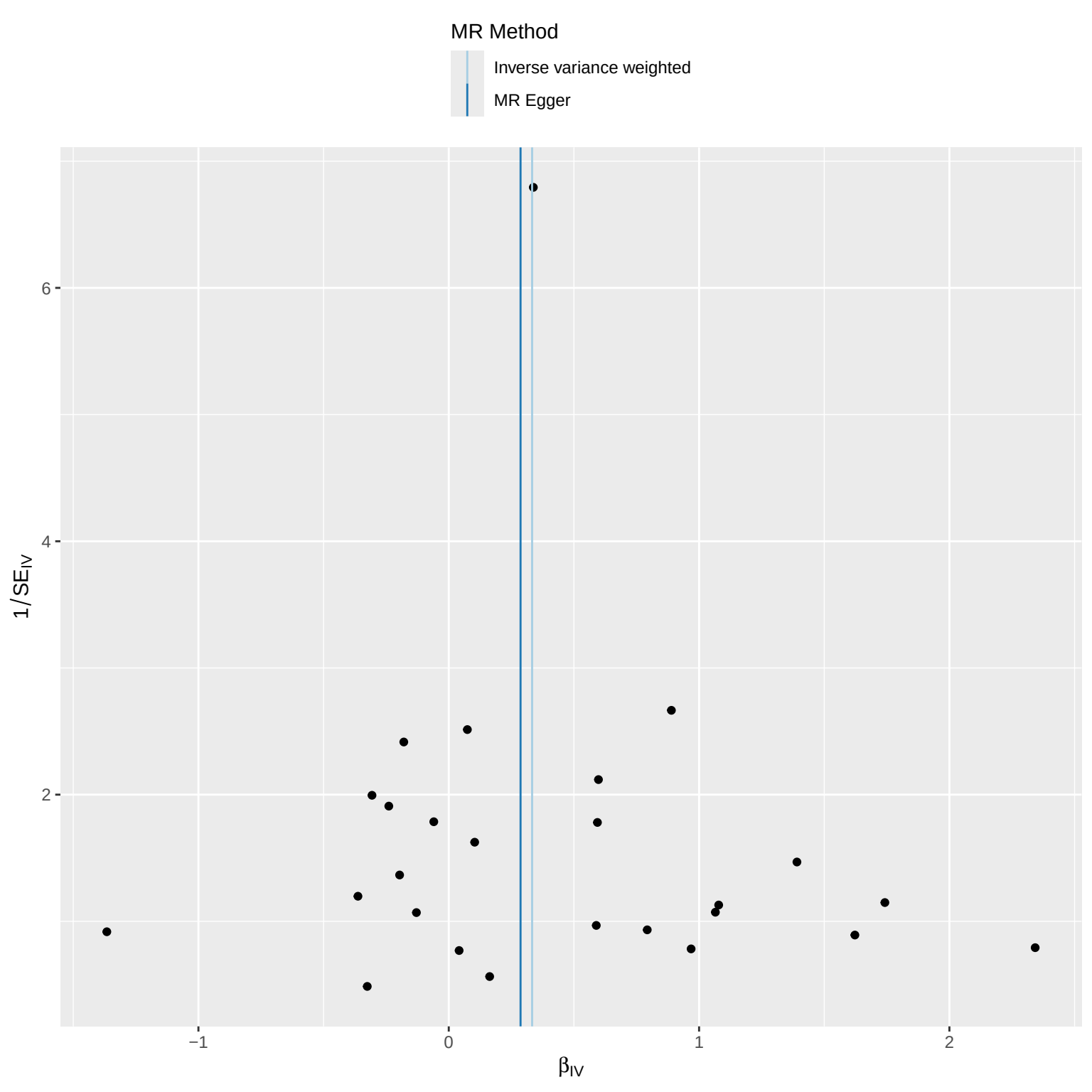

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

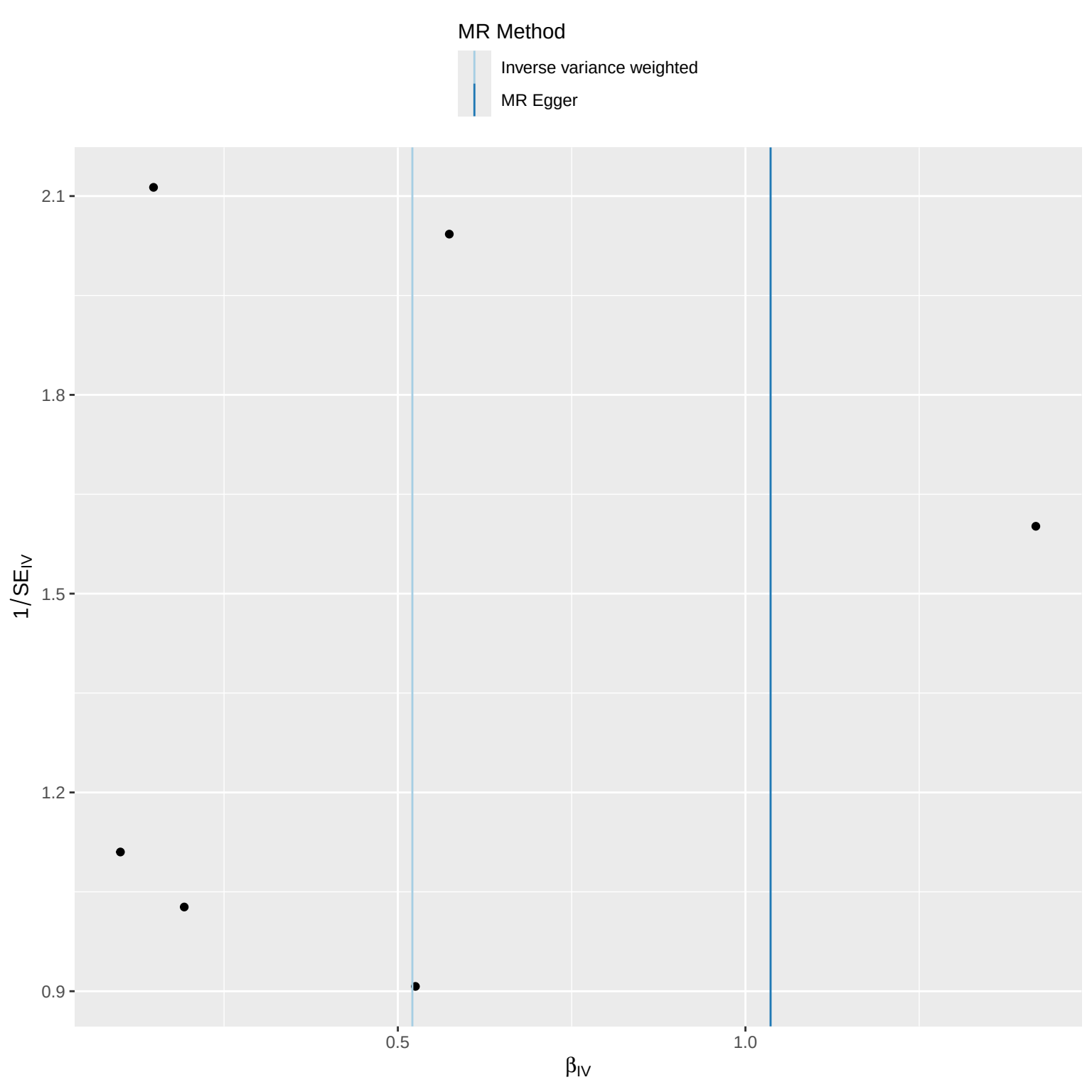

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

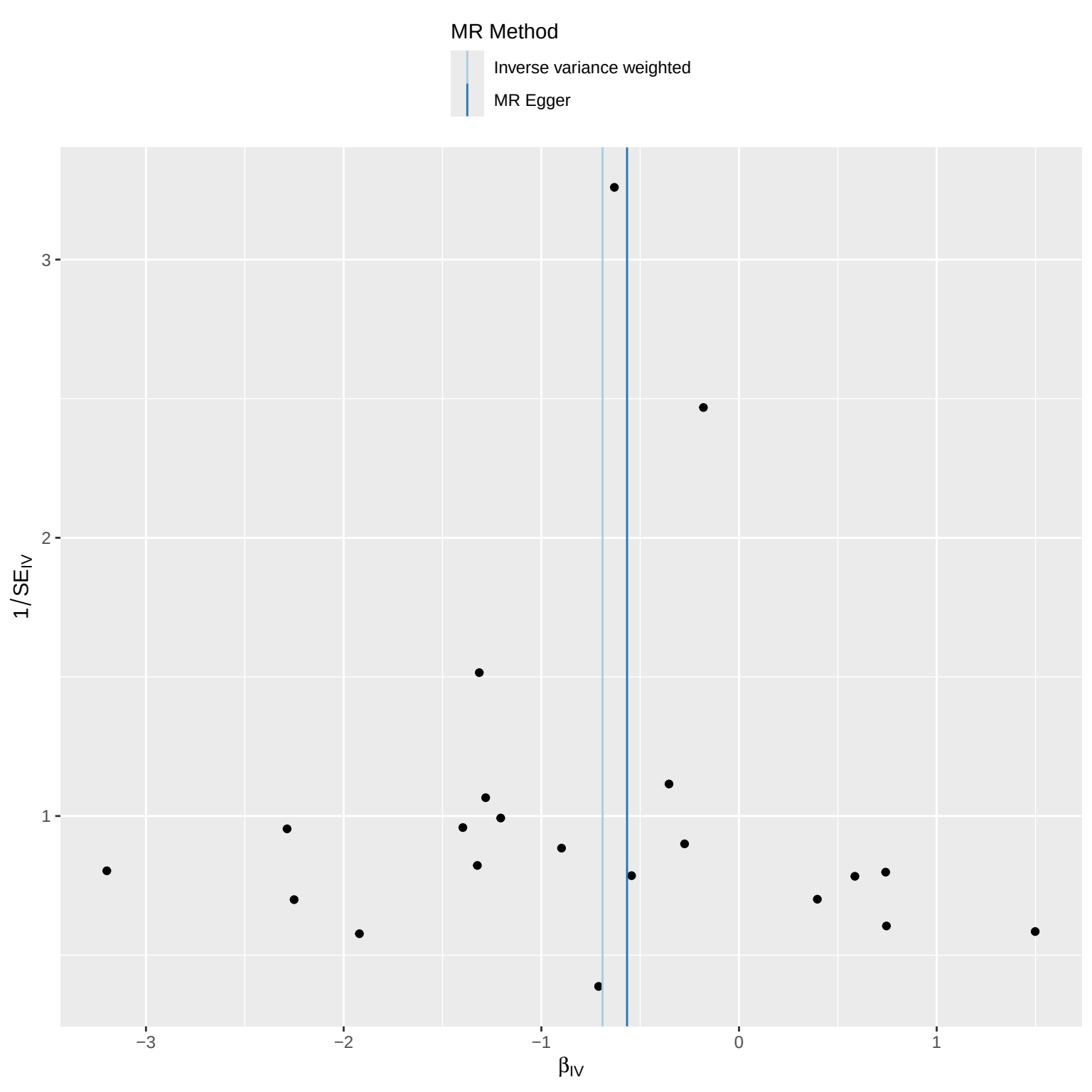

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

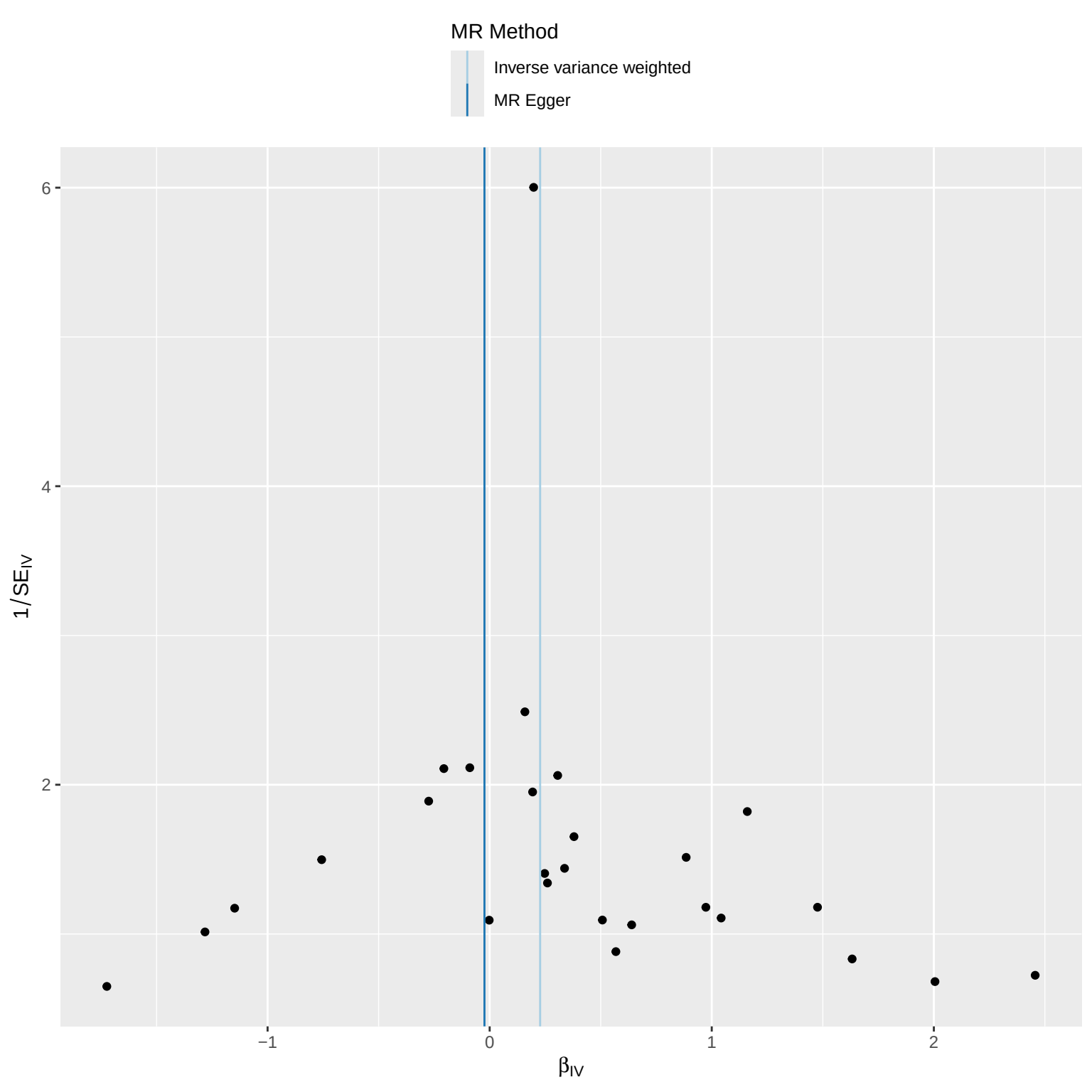

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
0
1
β_IV

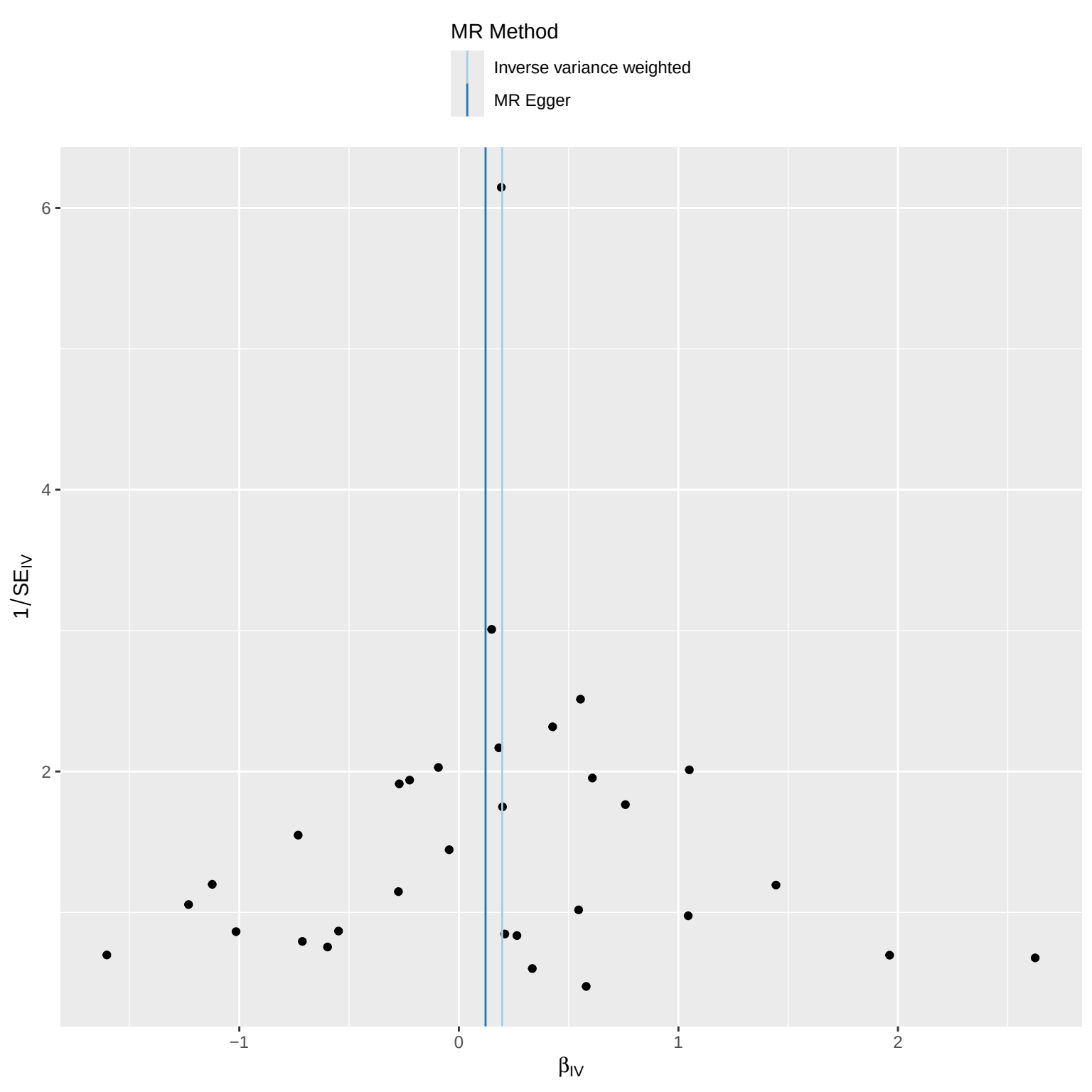

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

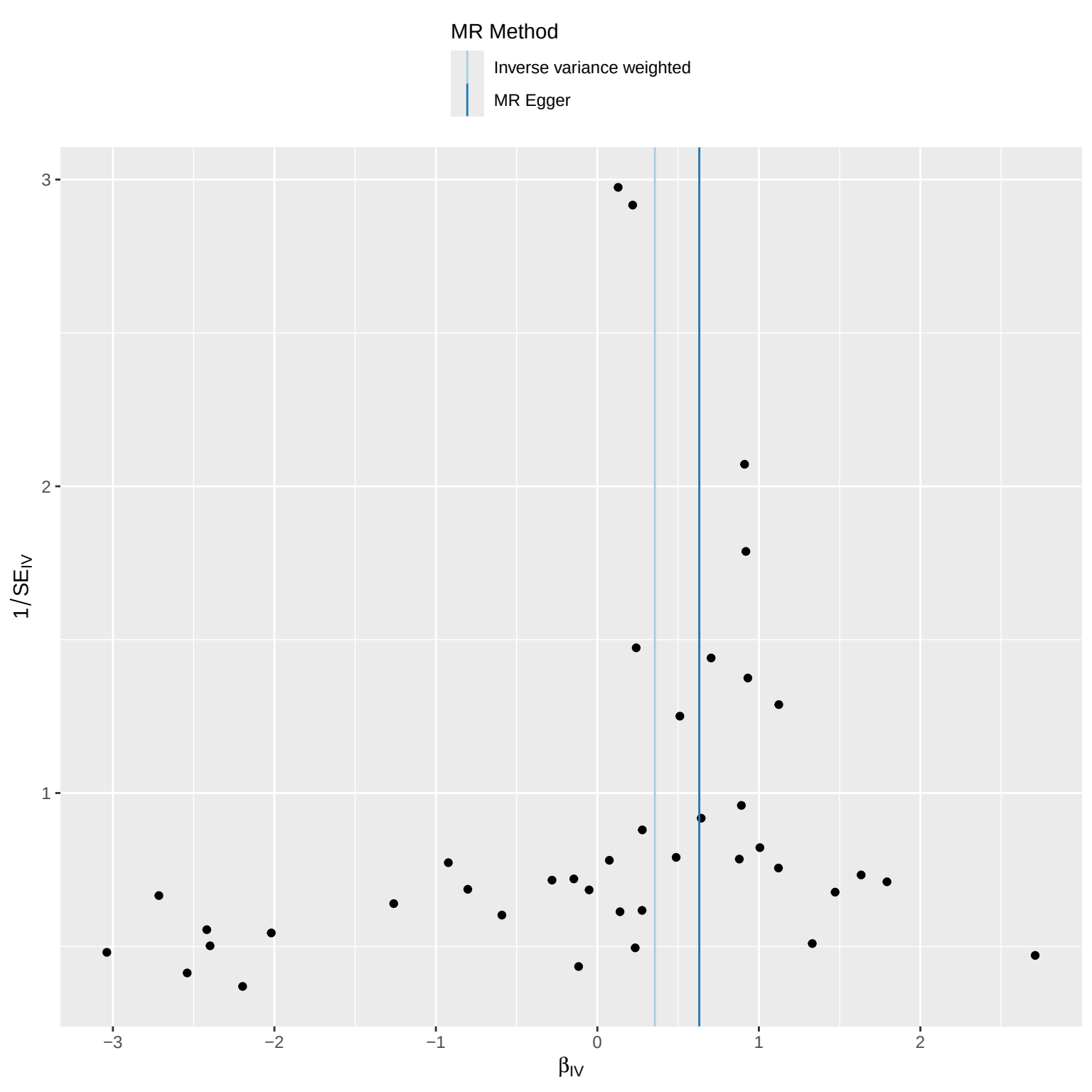

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

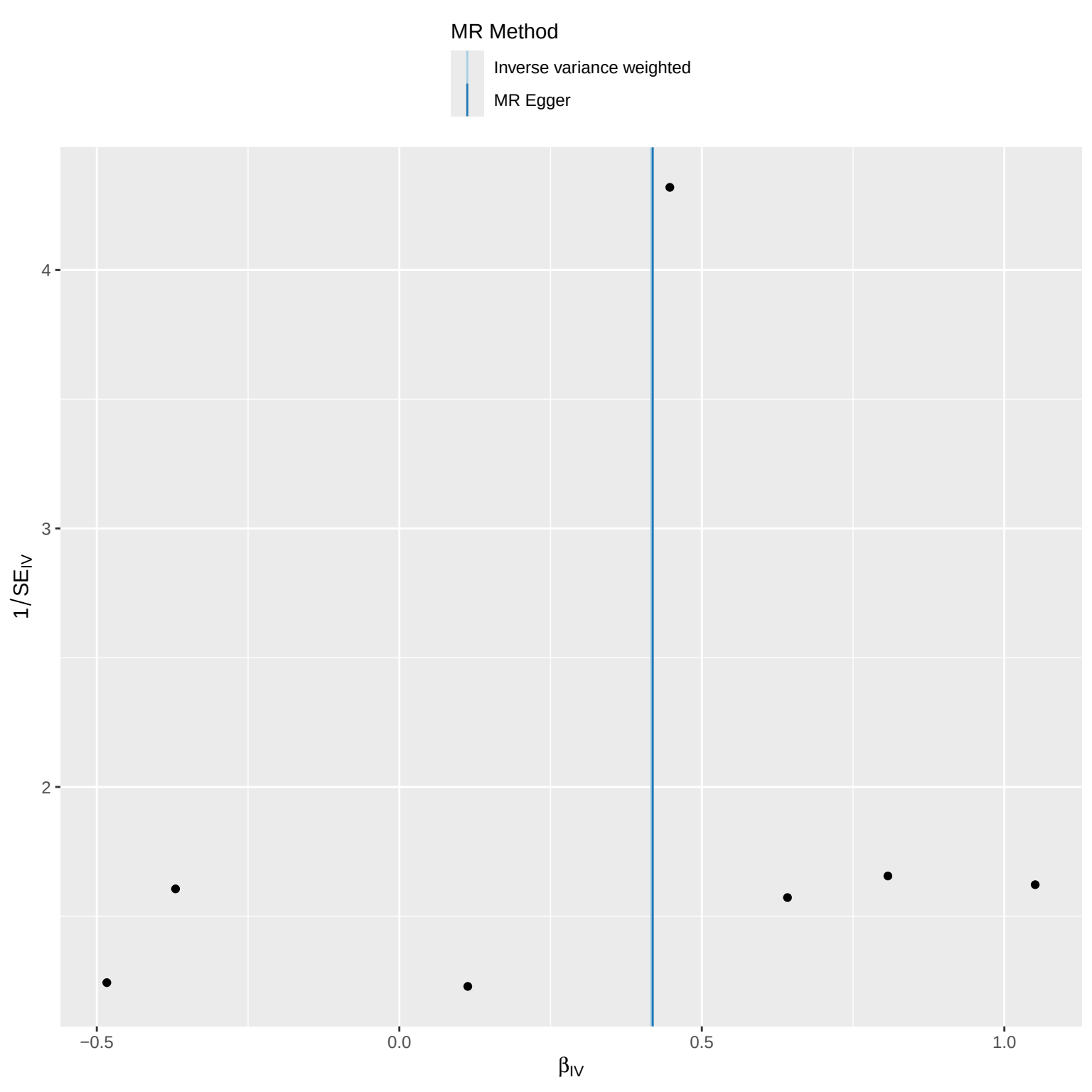

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
0.5
1.0
β_IV

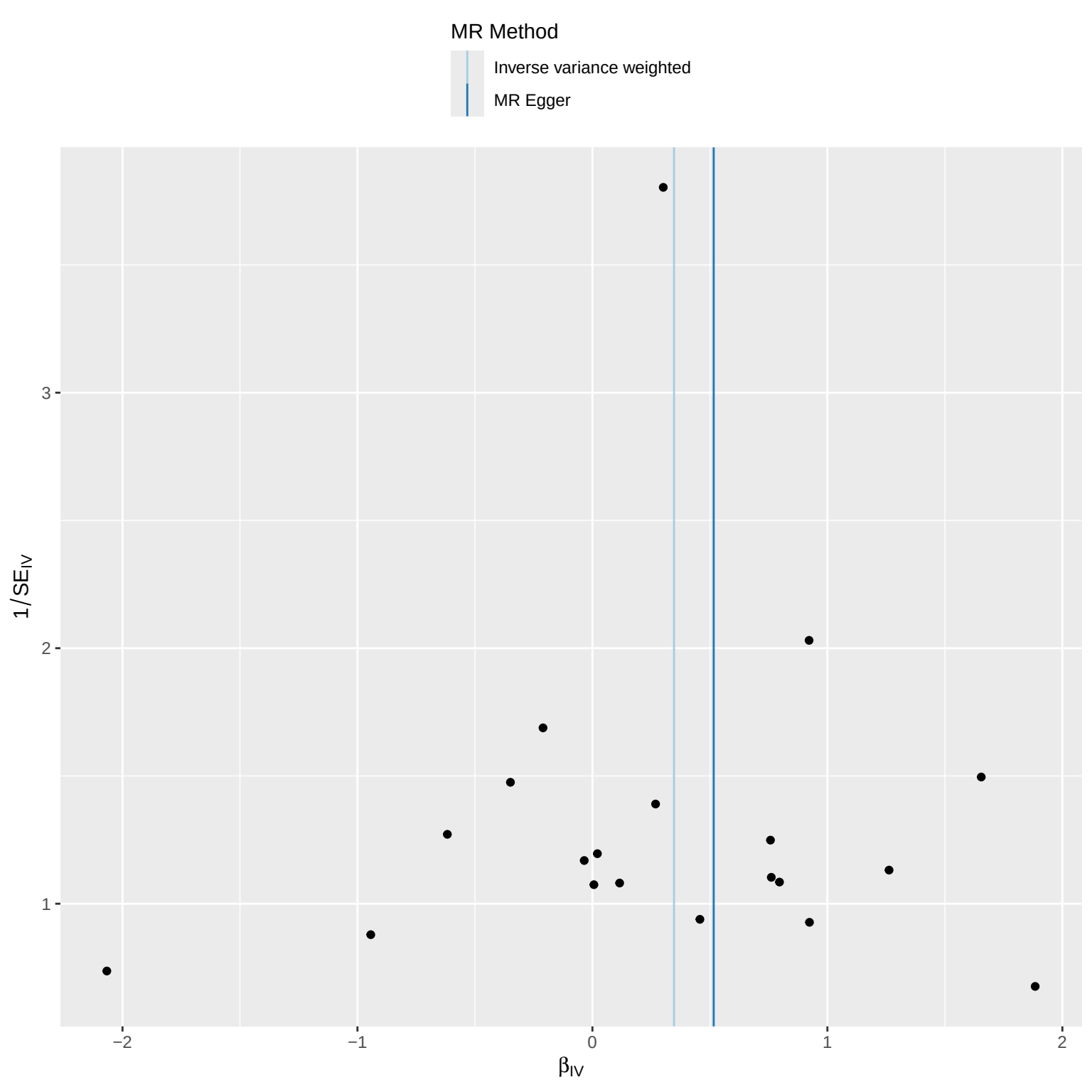

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

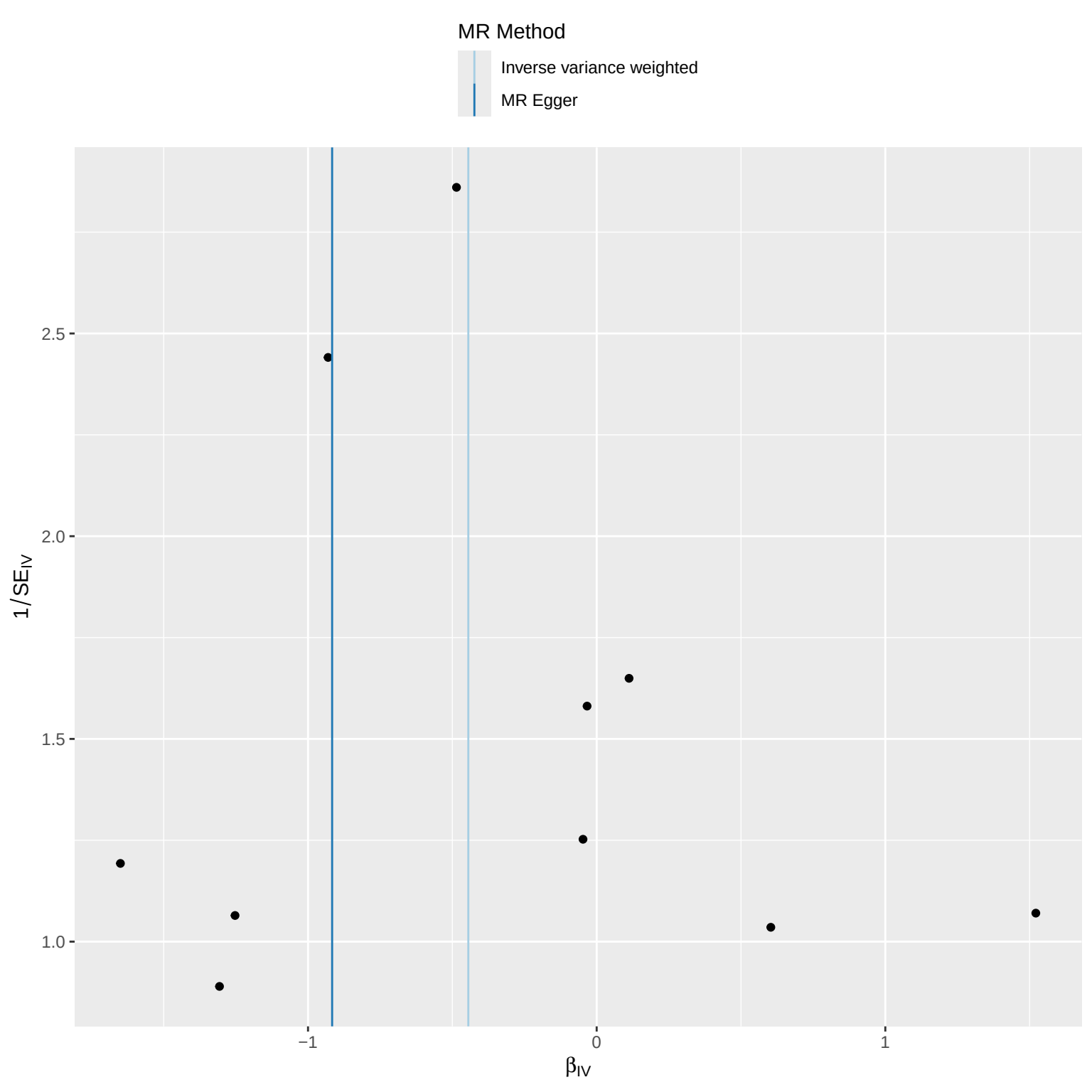

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

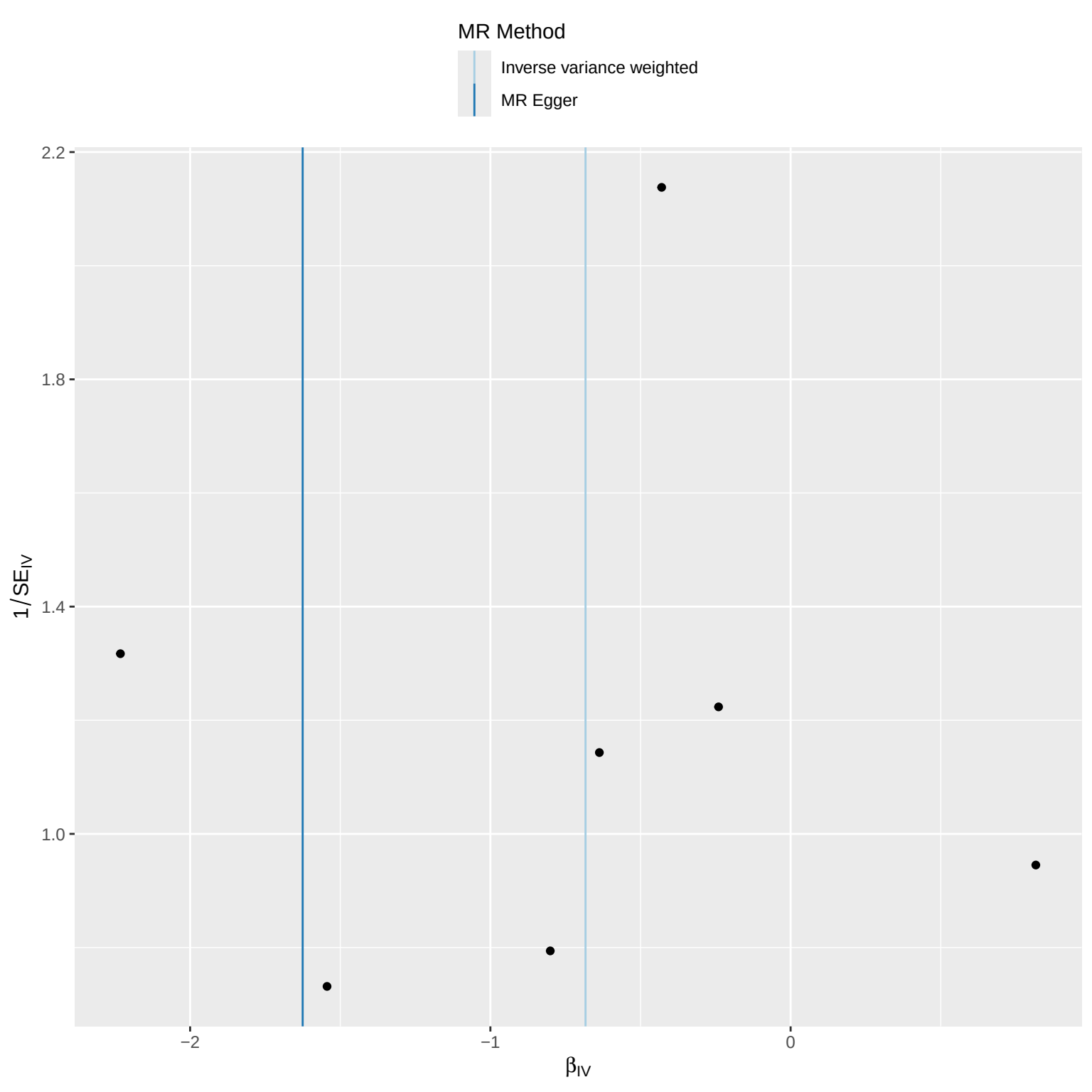

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

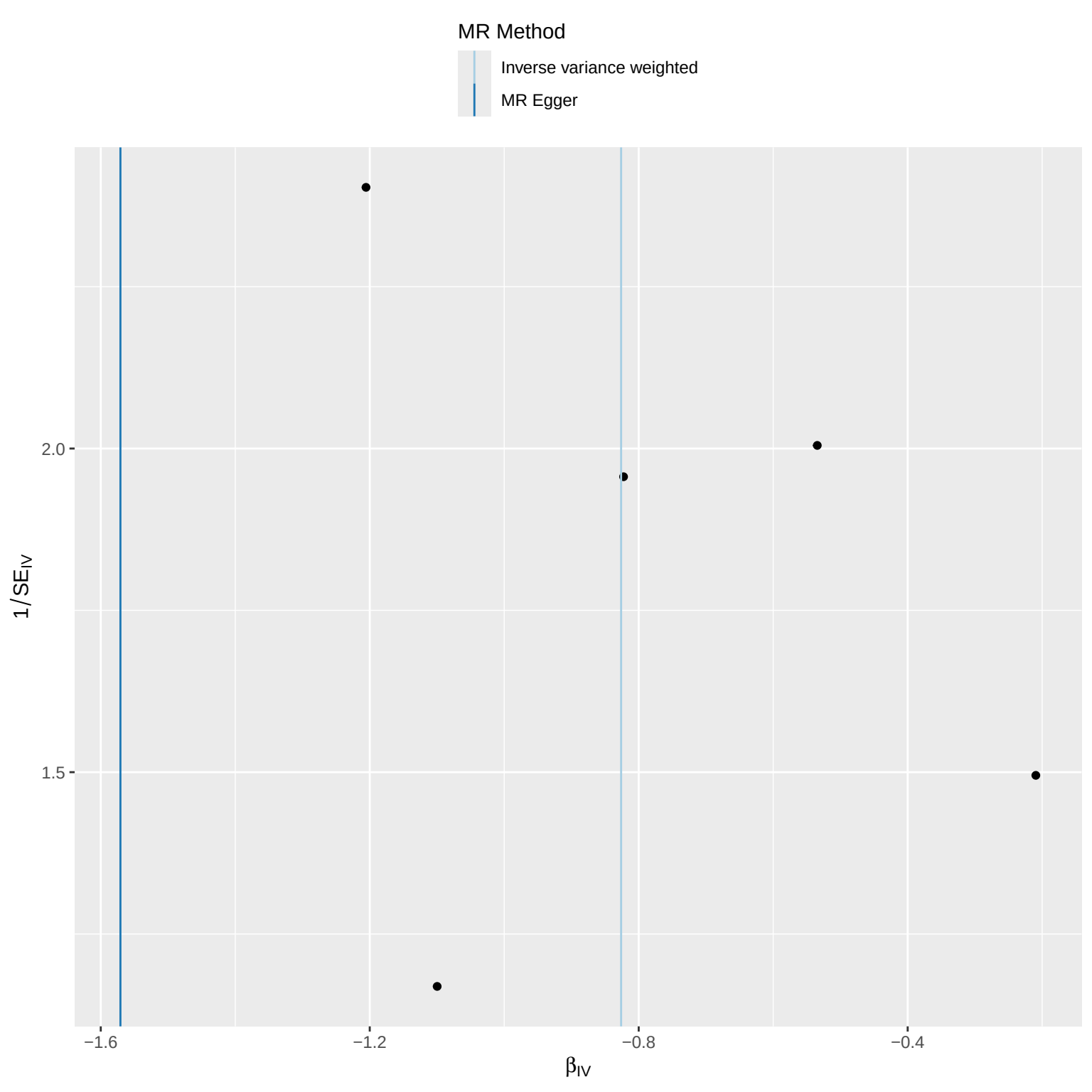

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

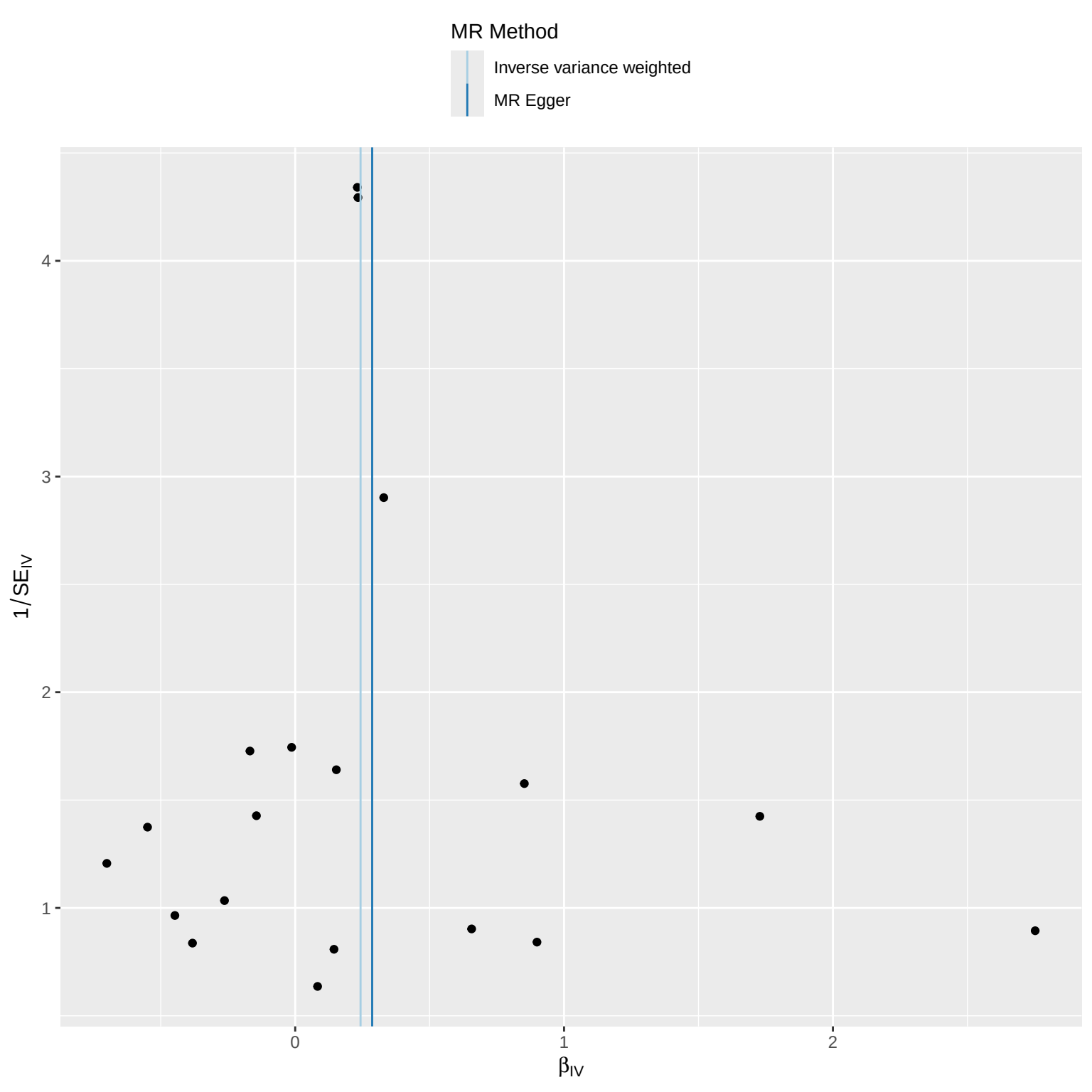

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

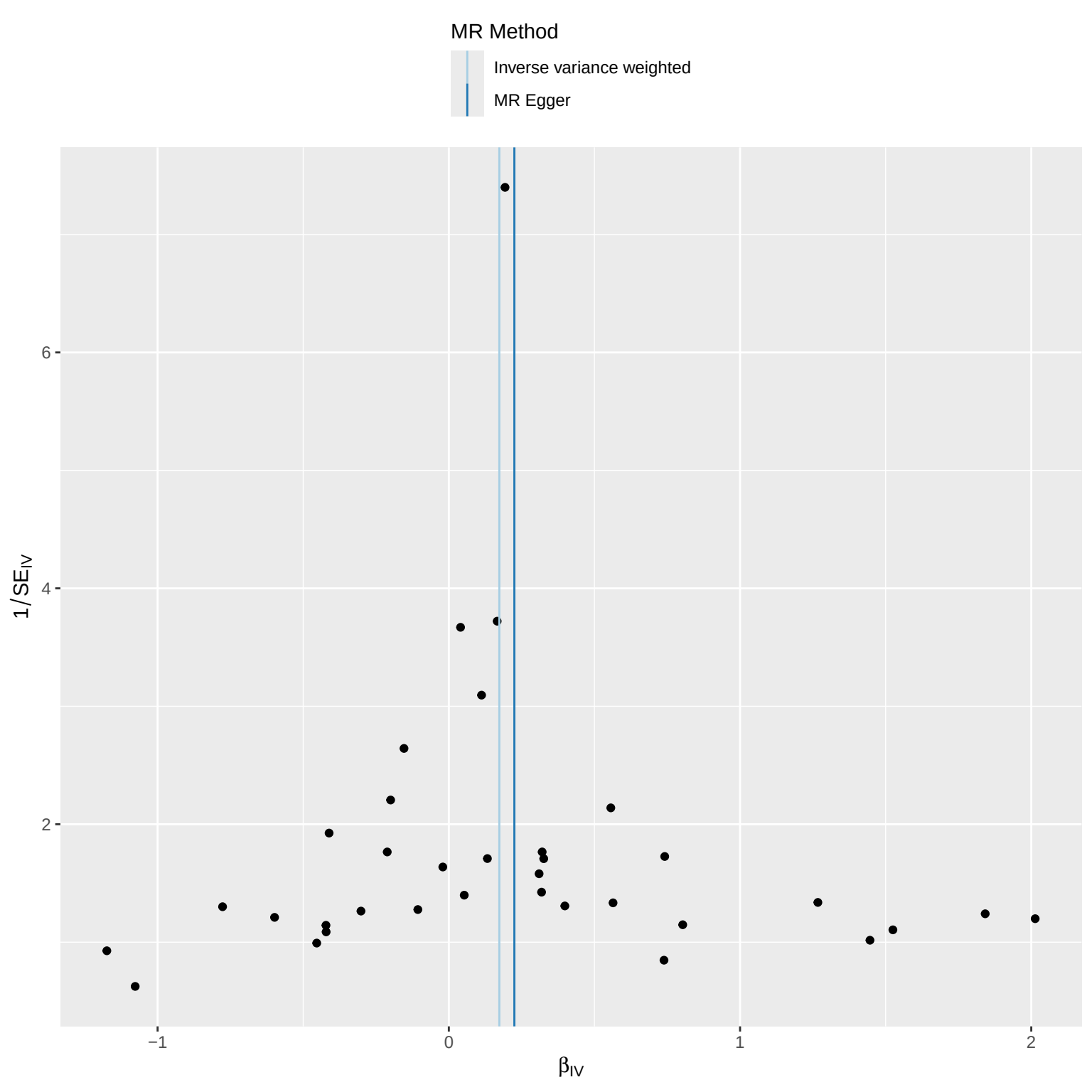

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

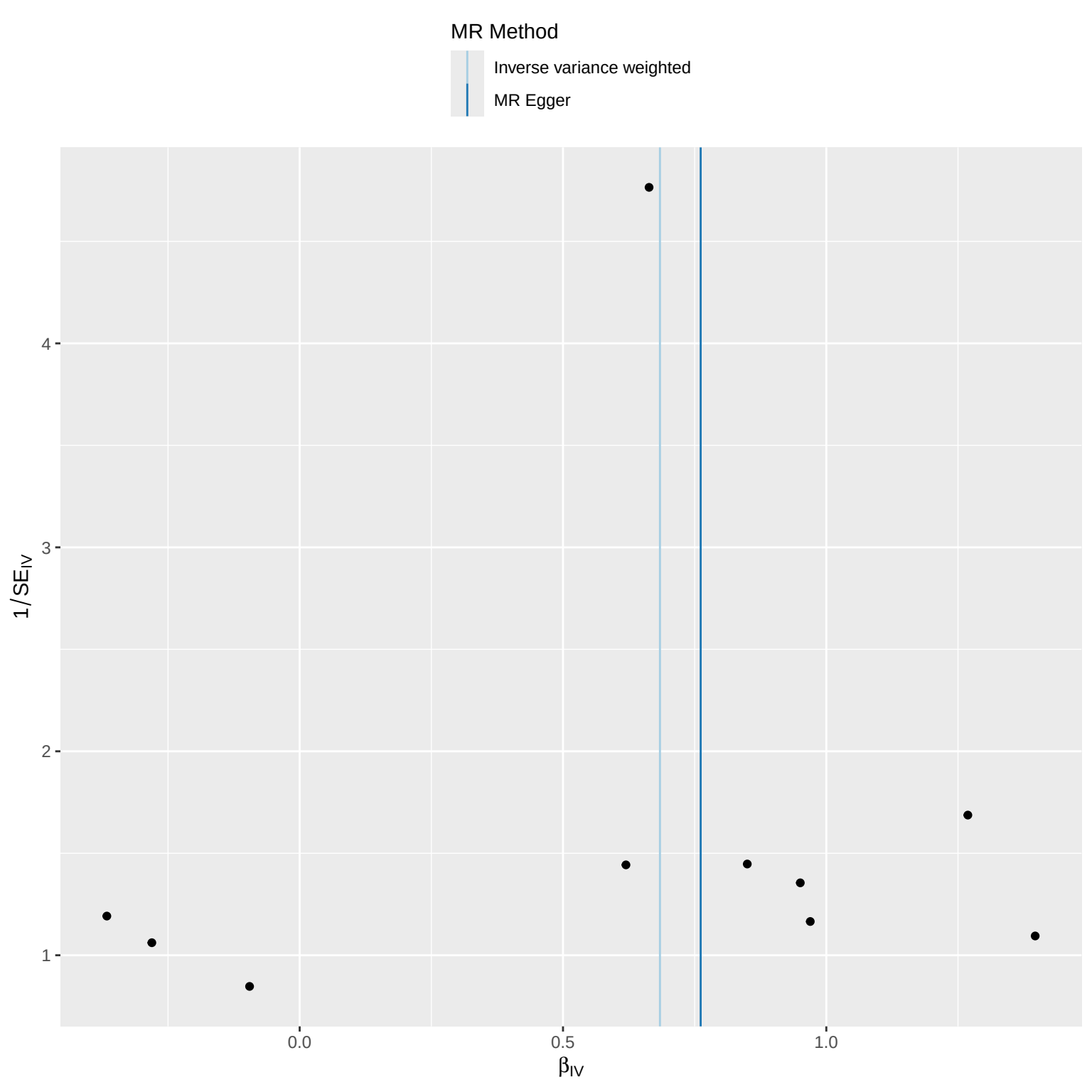

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

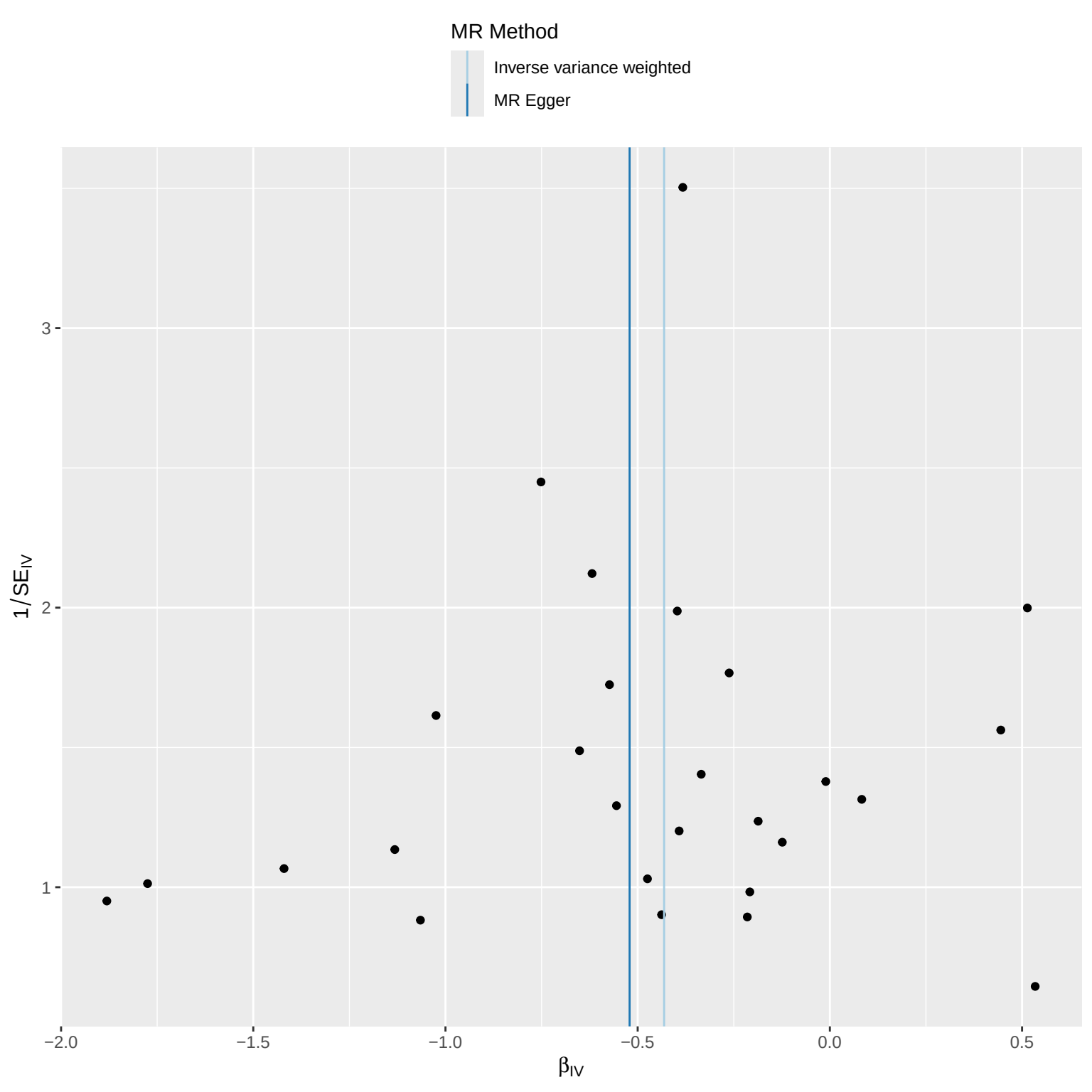

MR Method
Inverse variance weighted
MR Egger
2.2
1.8
1.4
1.0
1/SE_IV
−2
−1
0
β_IV

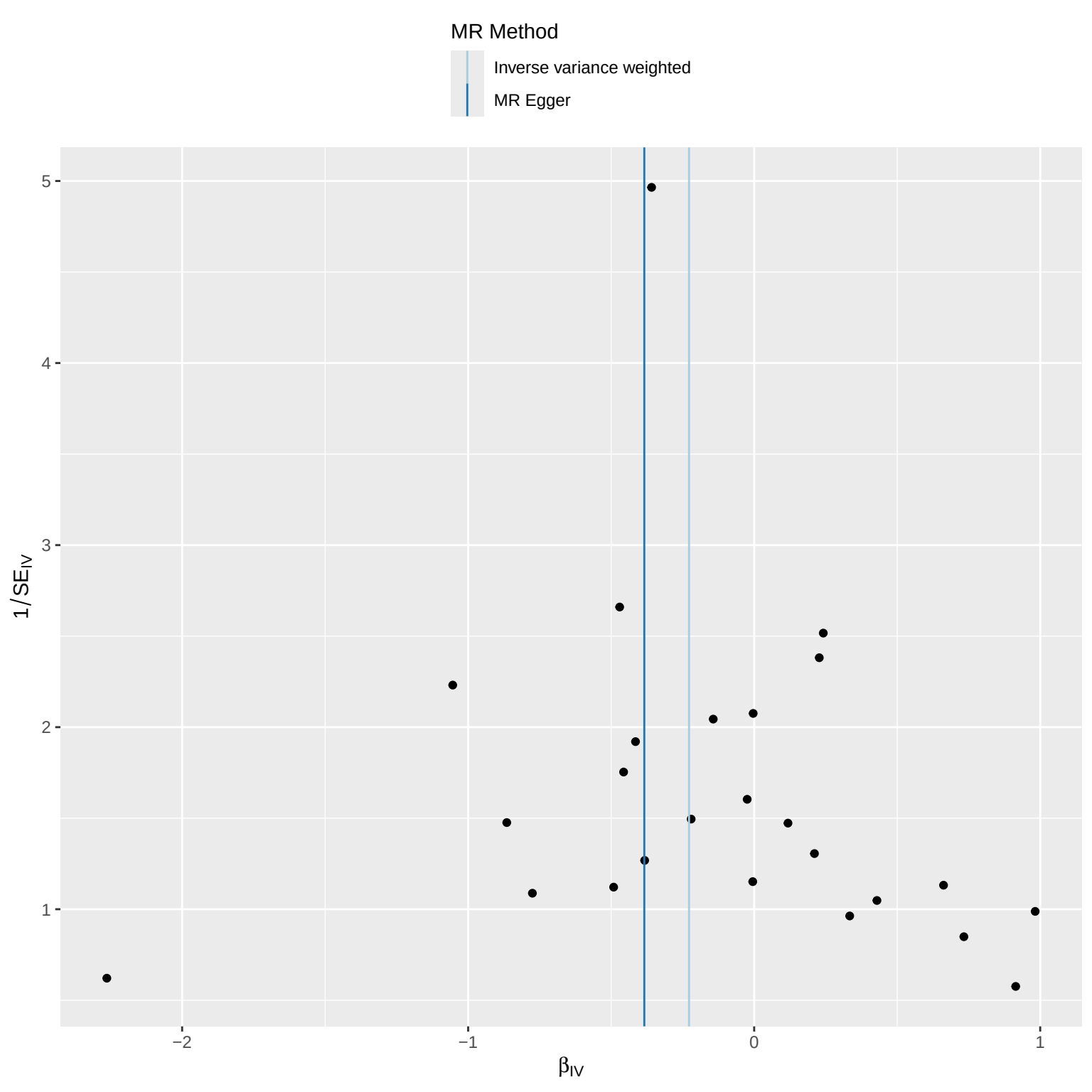

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1/SE_IV
−1.6
−1.2
−0.8
−0.4
β_IV

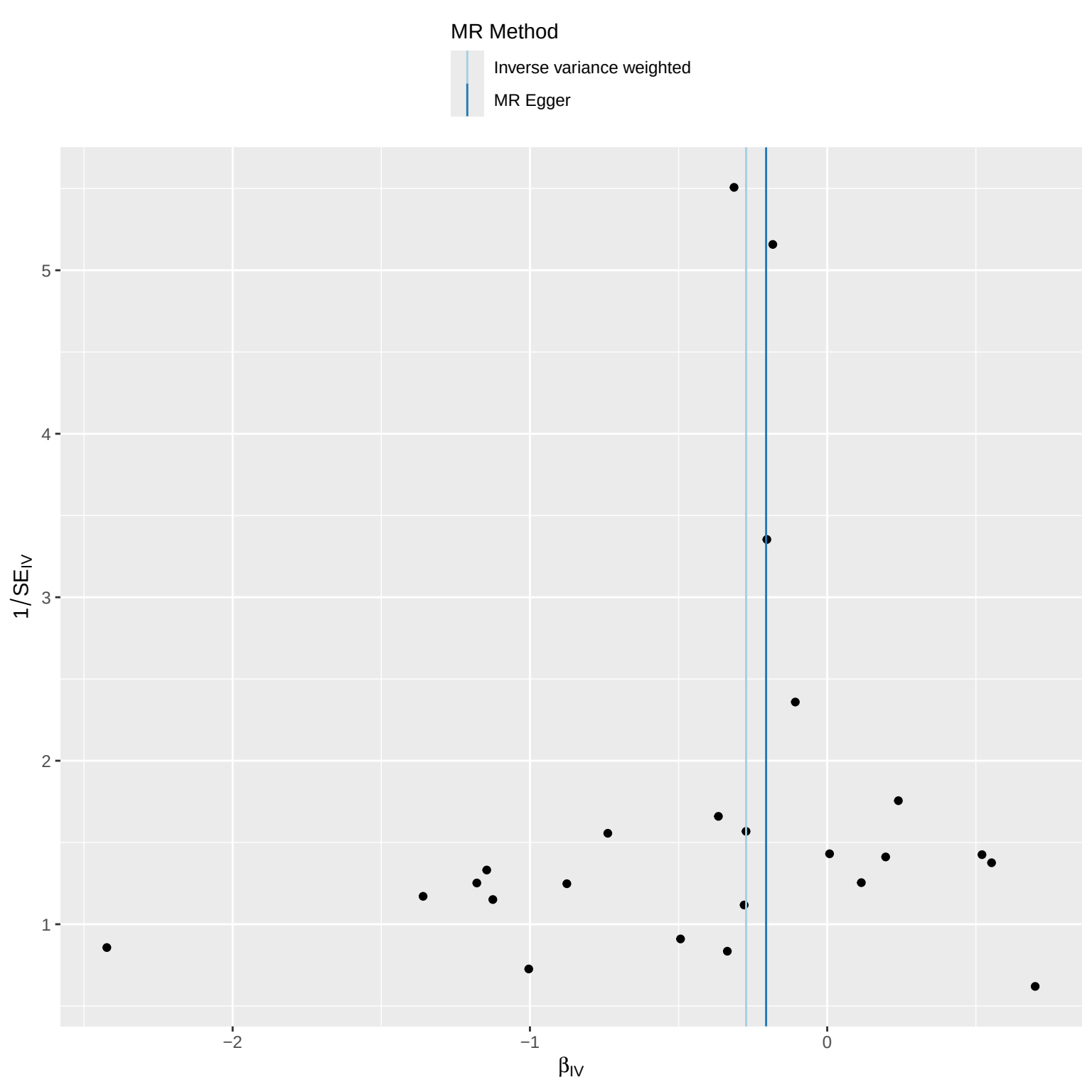

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

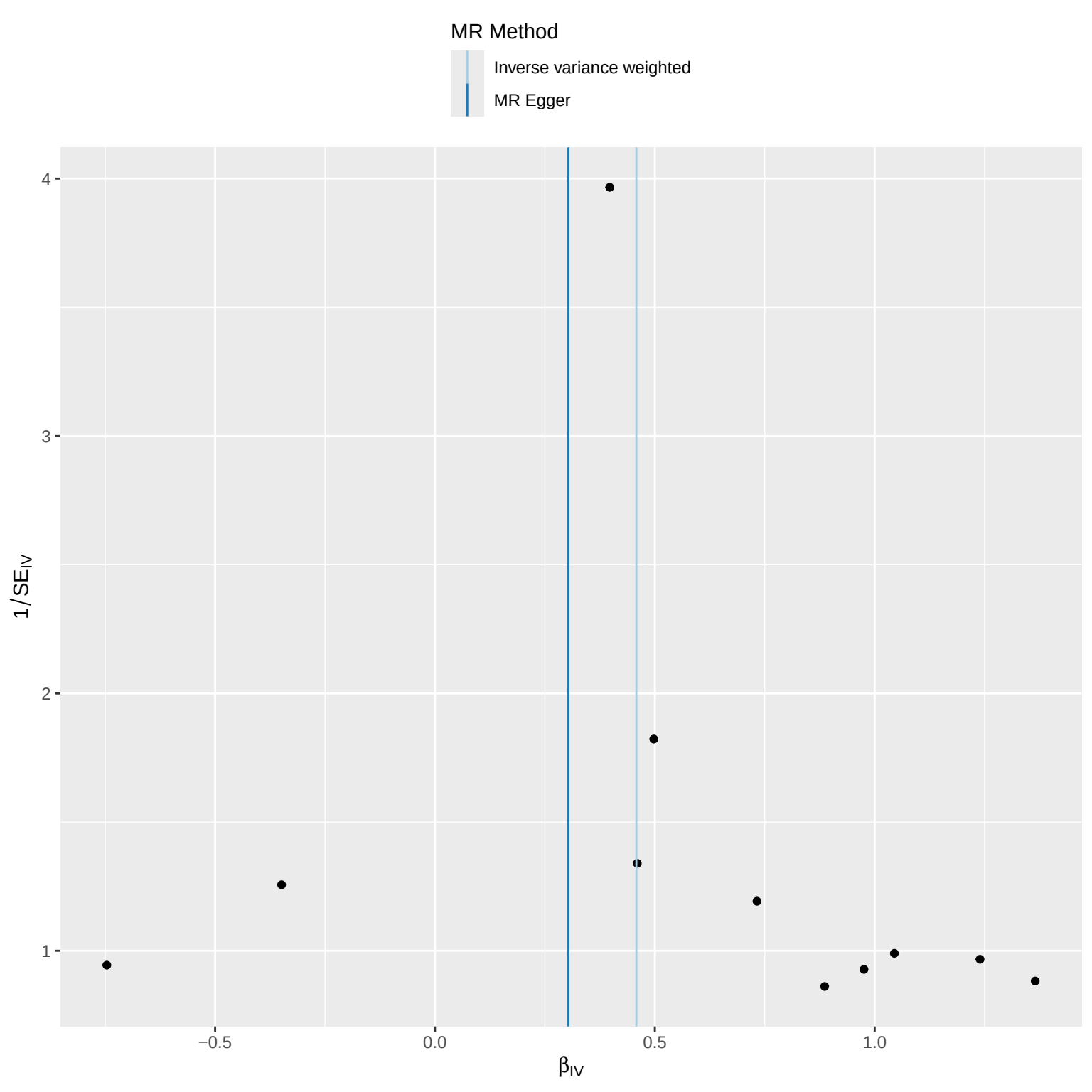

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

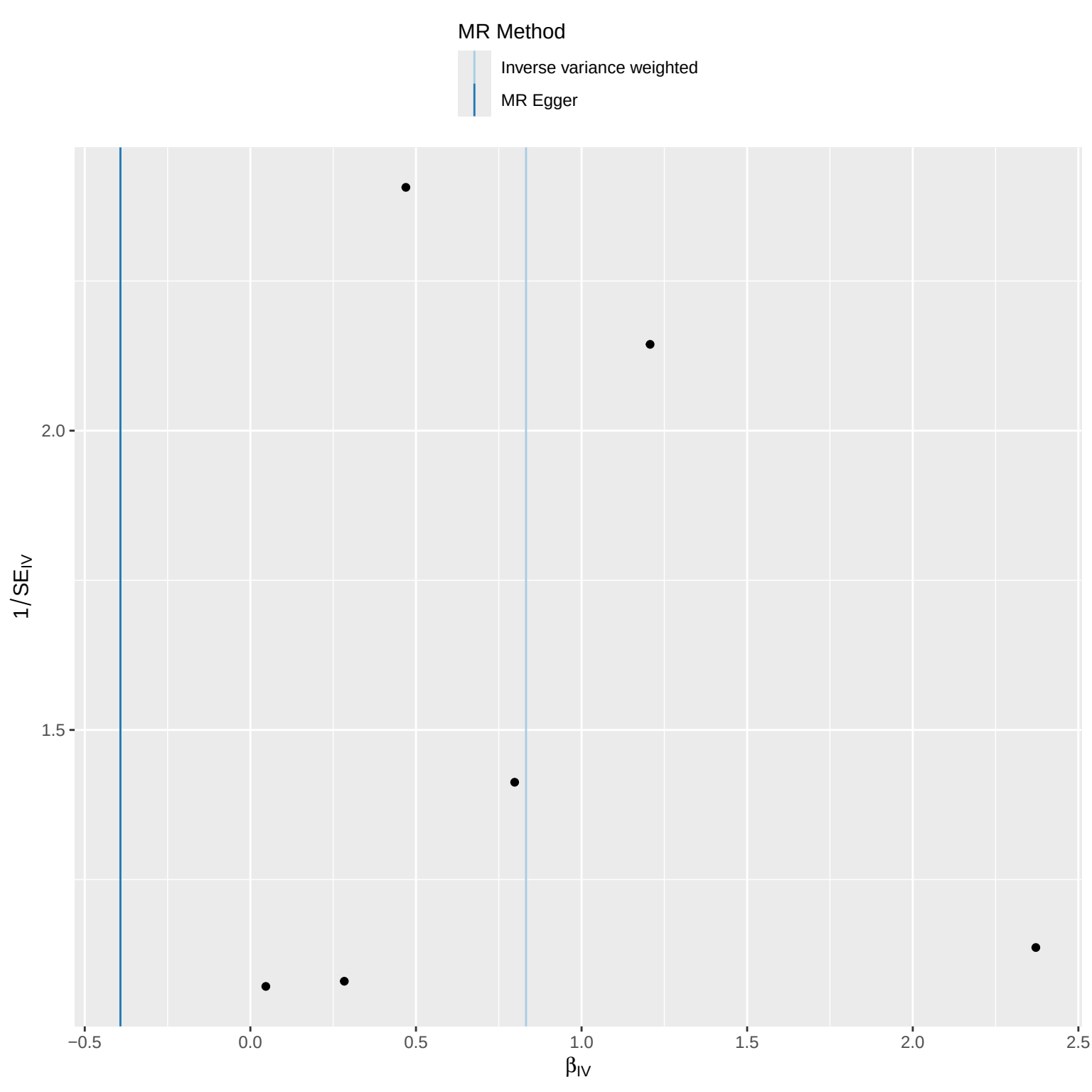

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
0.0
0.5
1.0
β_{IV}

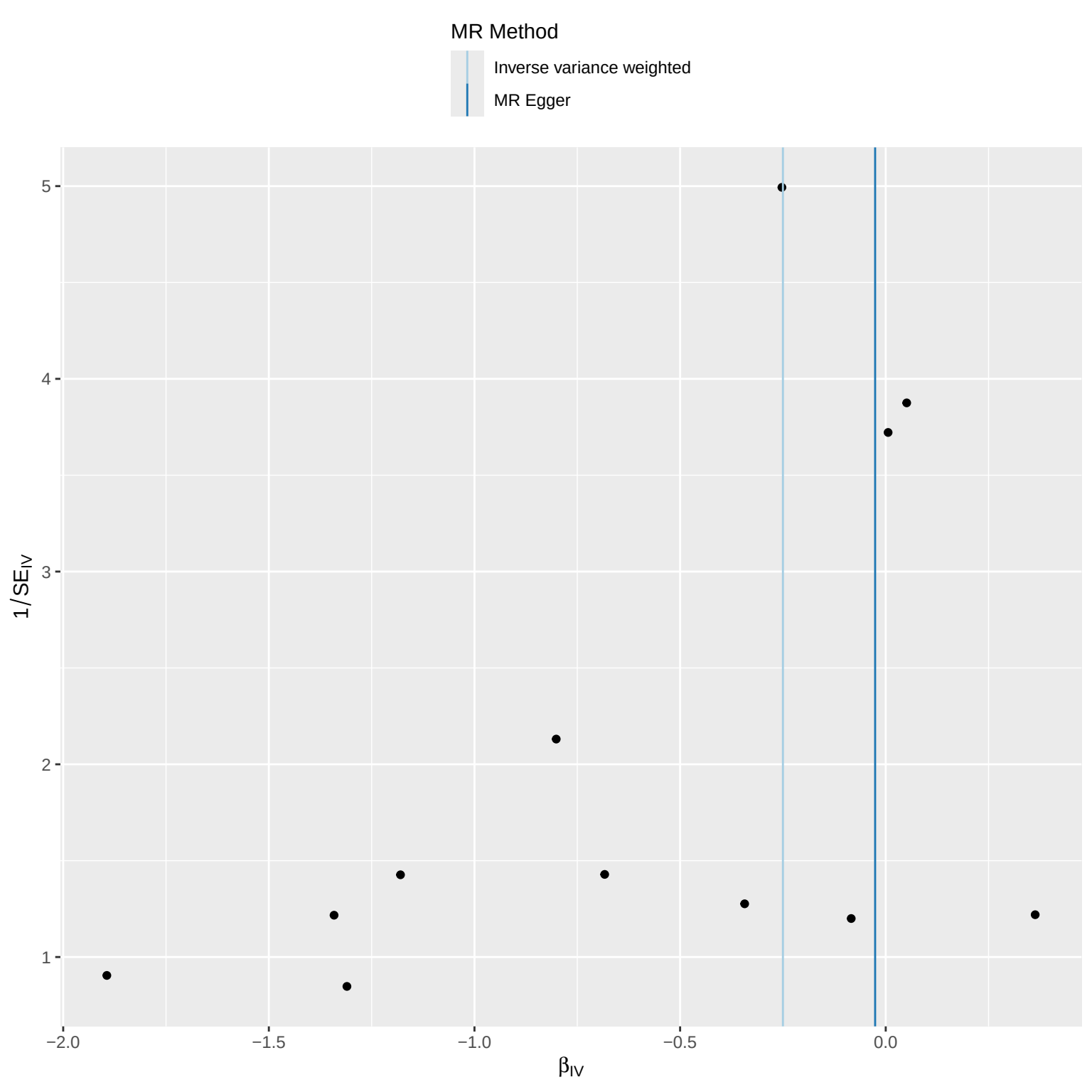

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

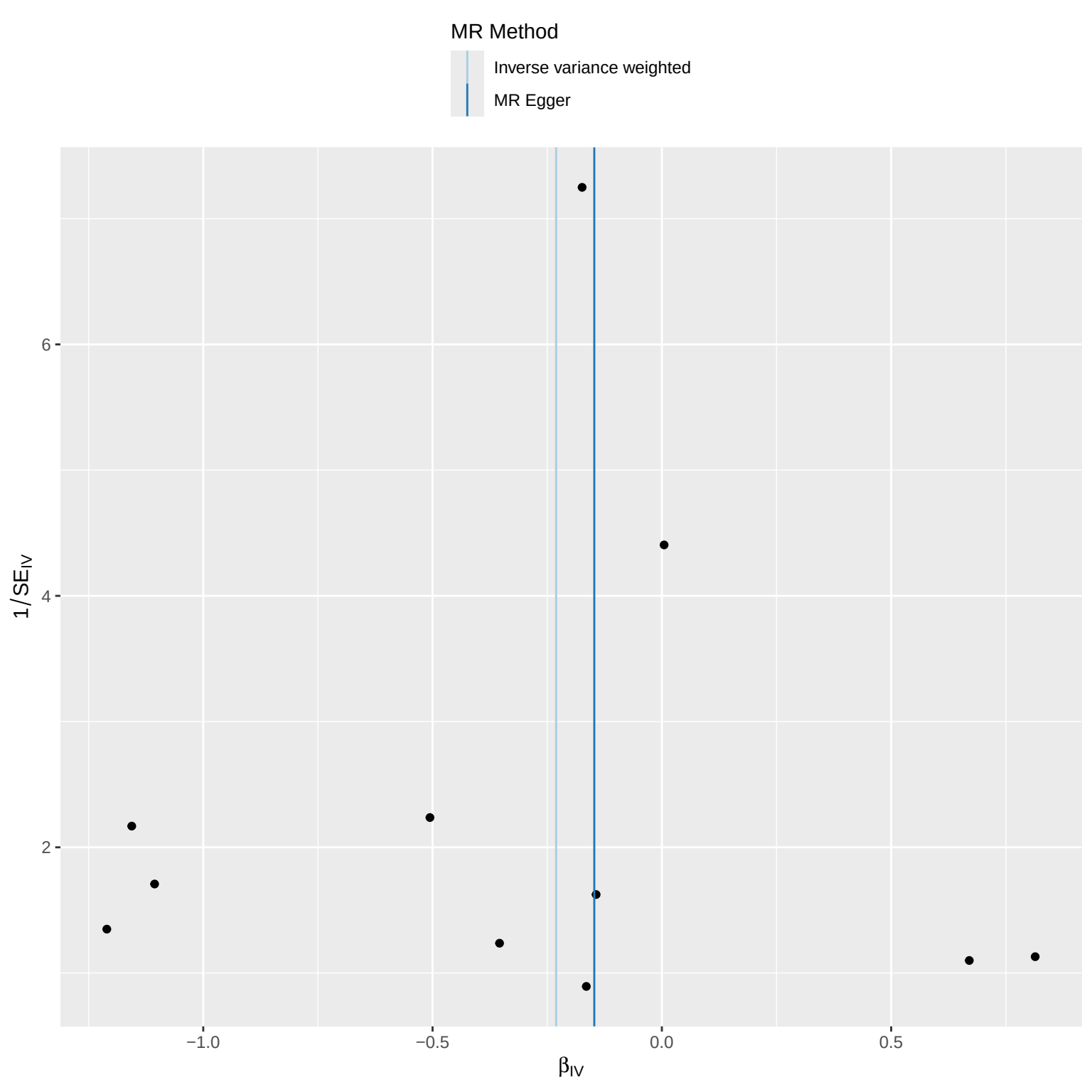

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

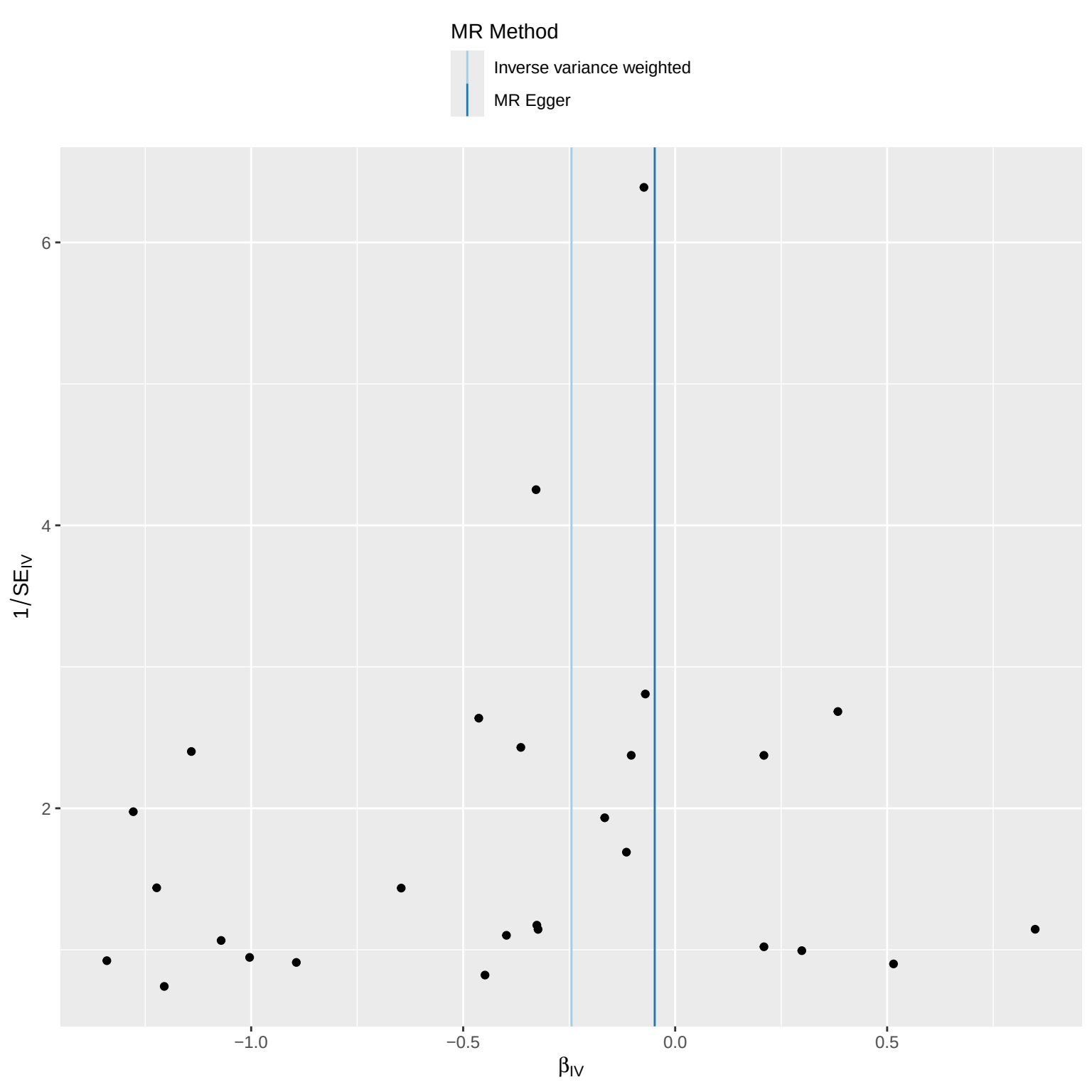

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

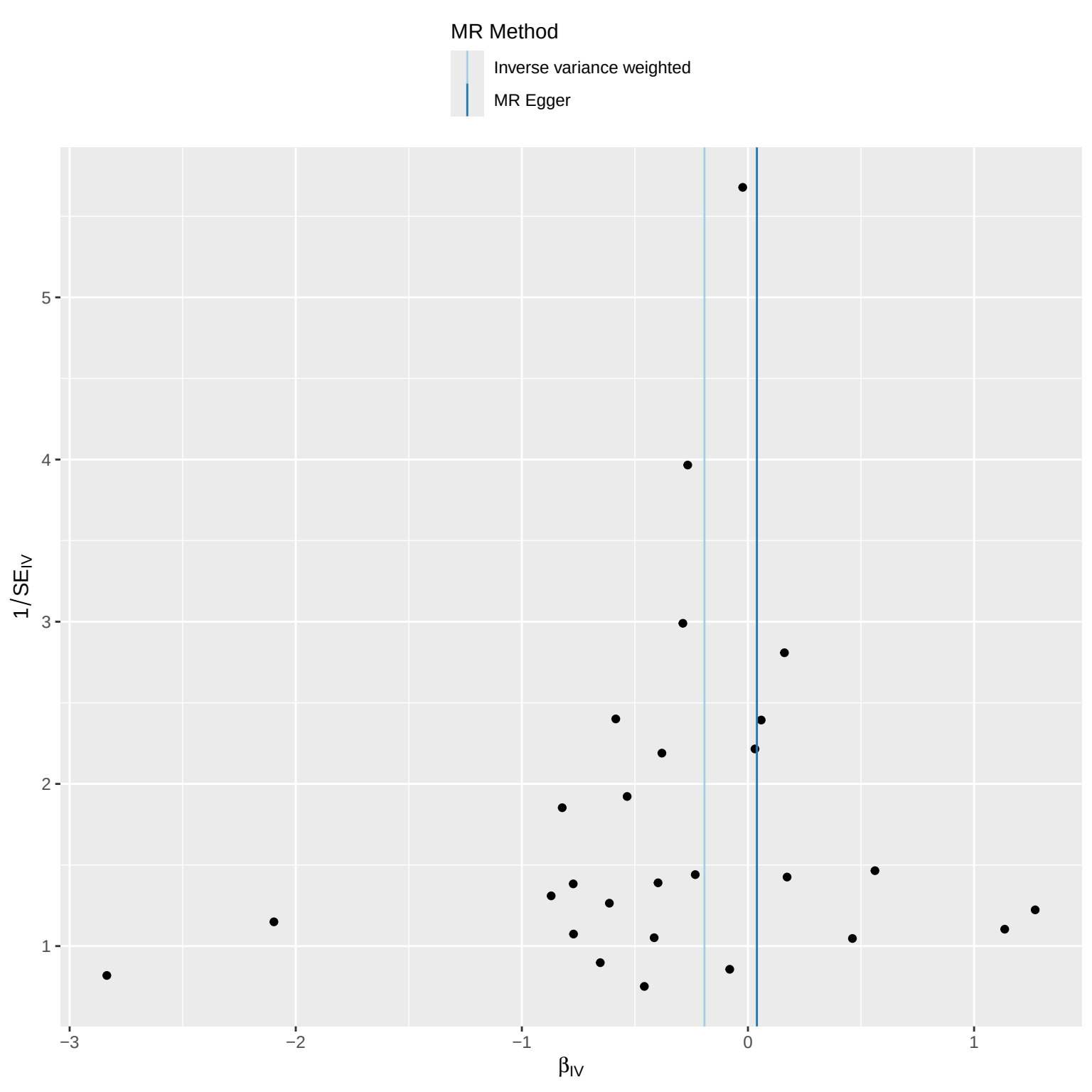

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−0.5
0.0
0.5
1.0
β_{IV}

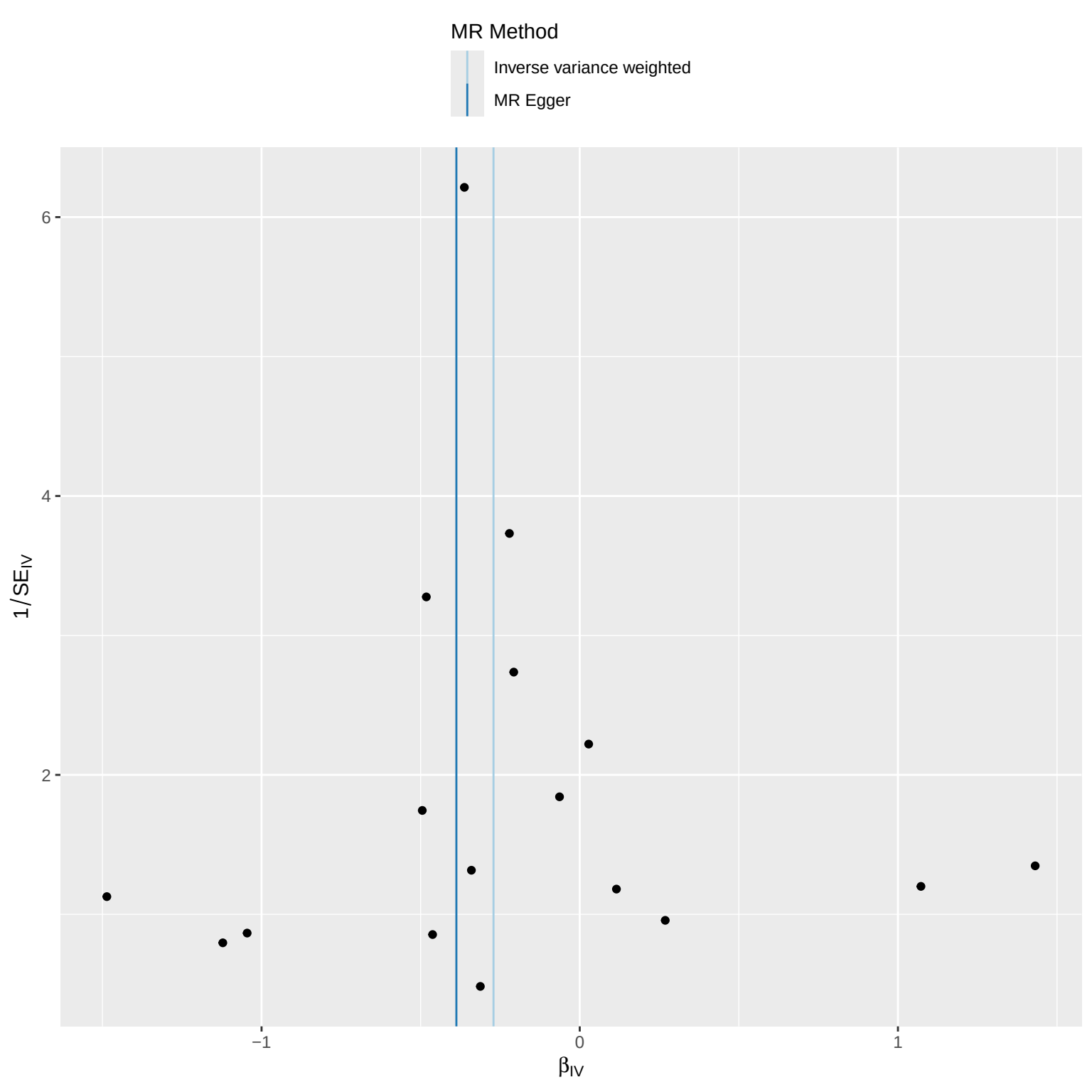

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

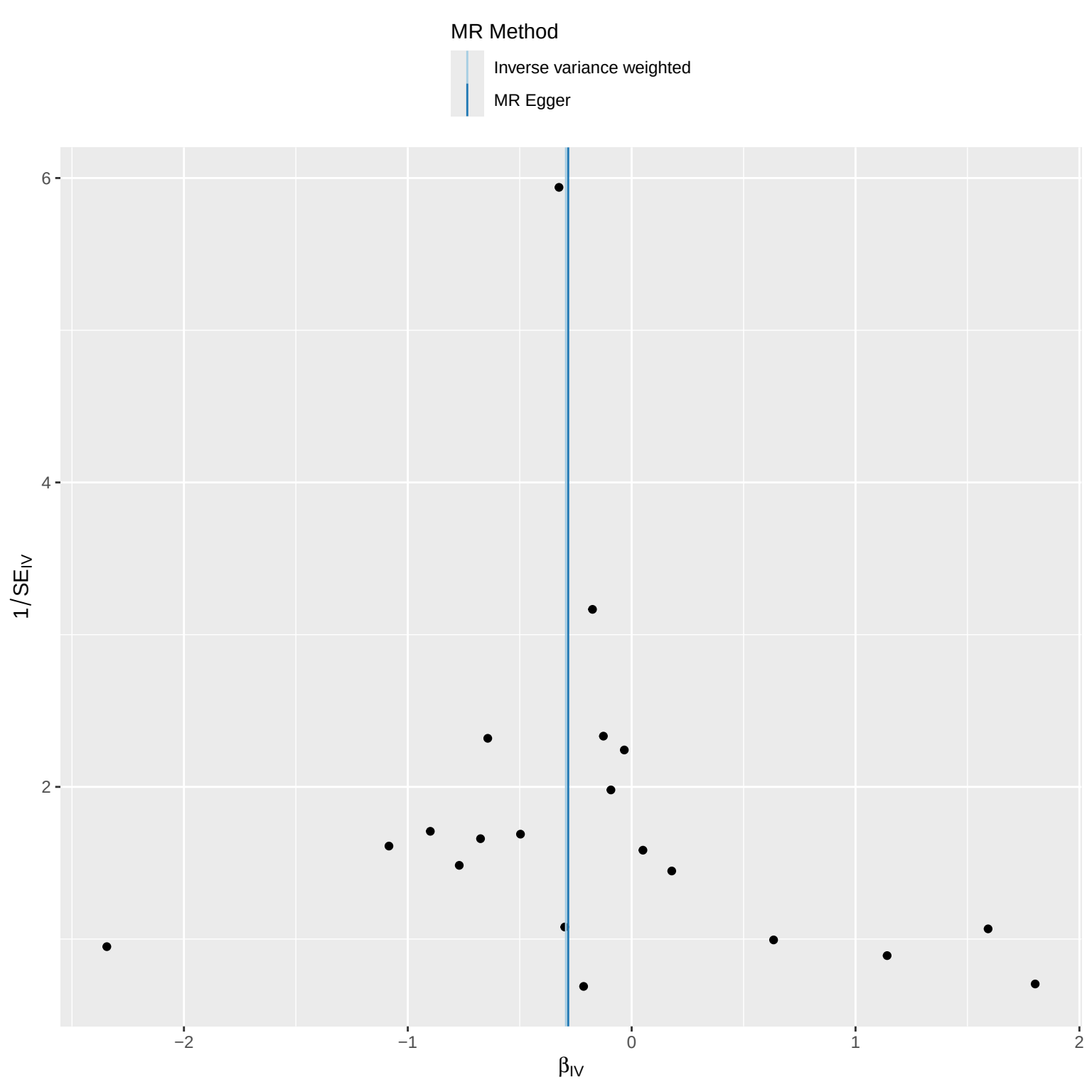

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

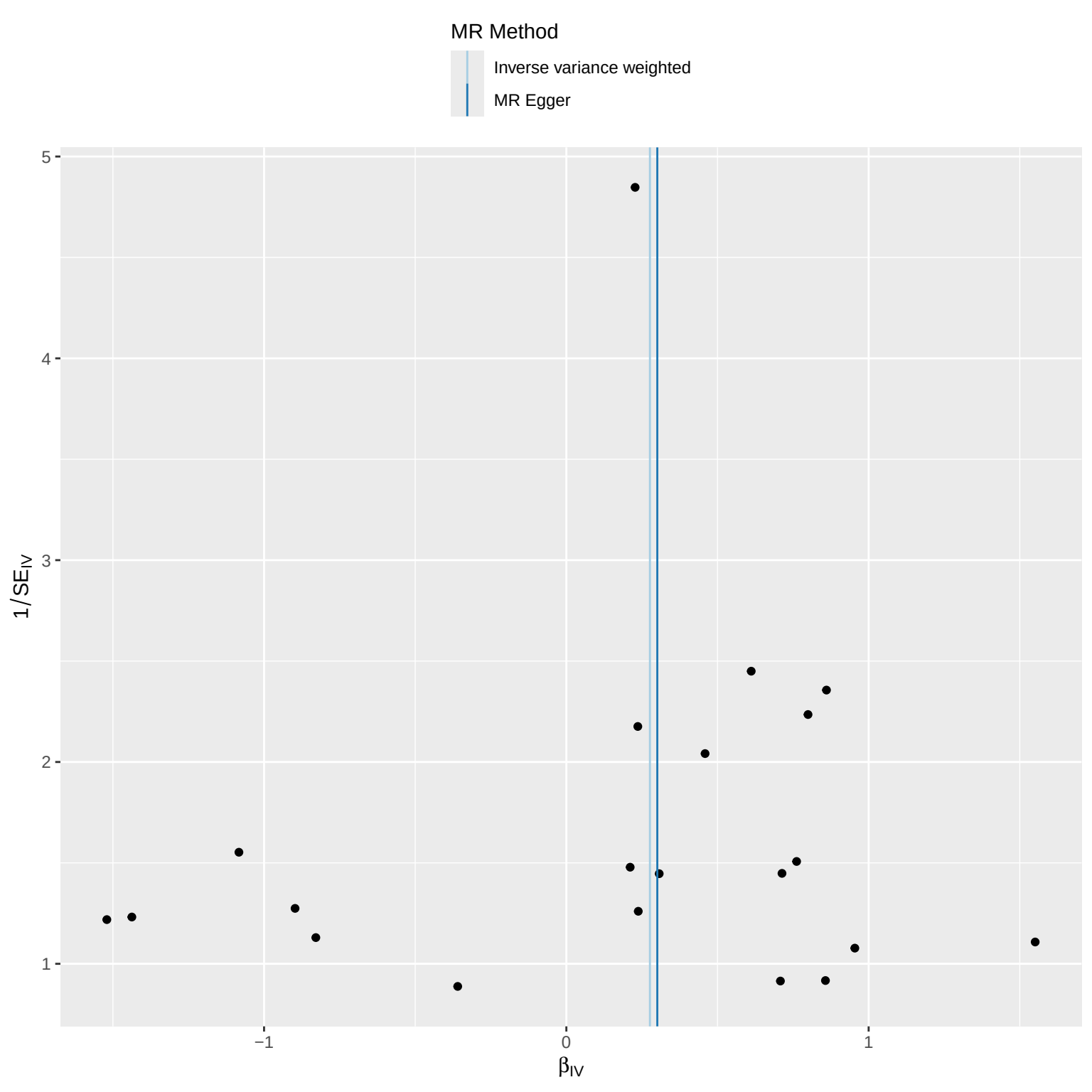

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

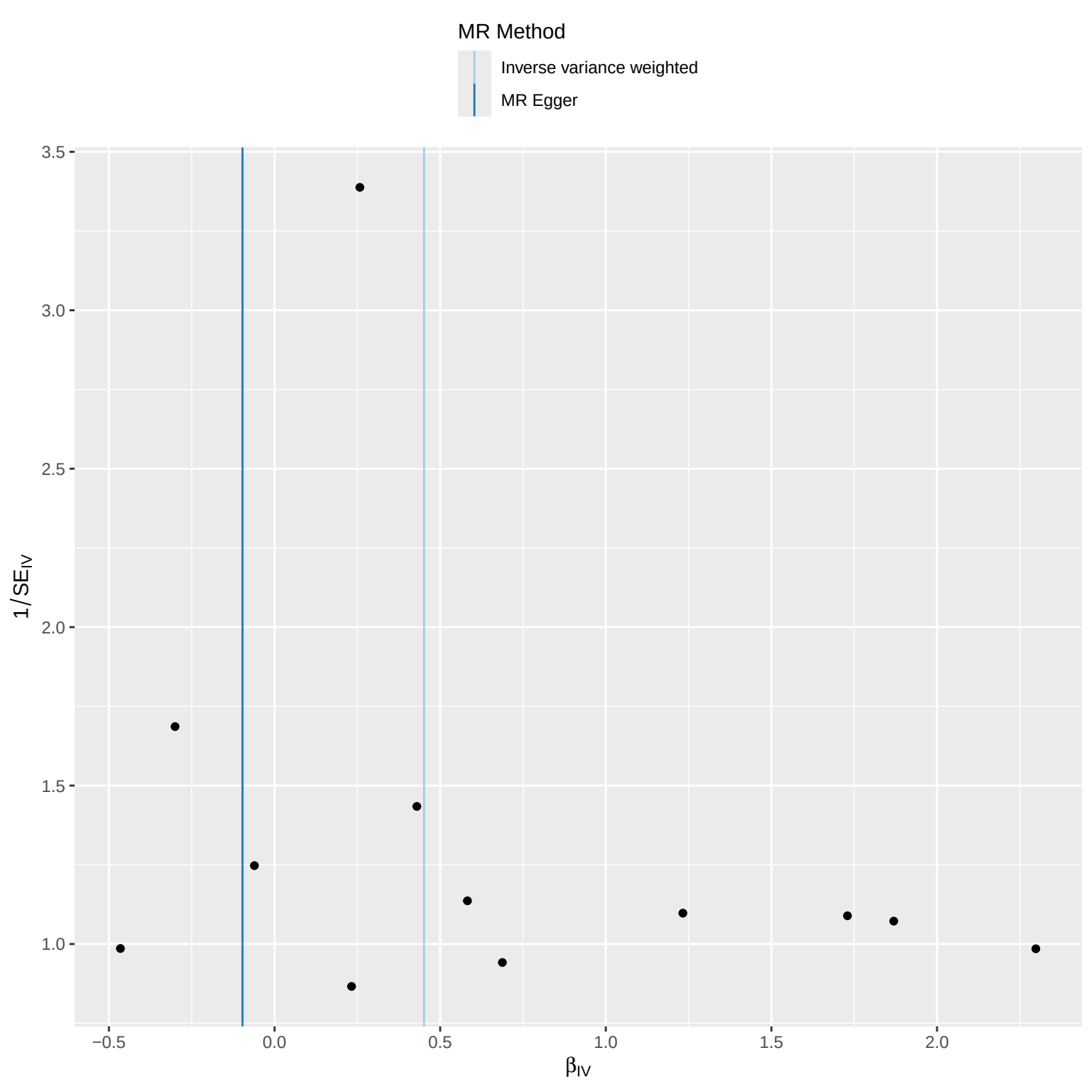

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

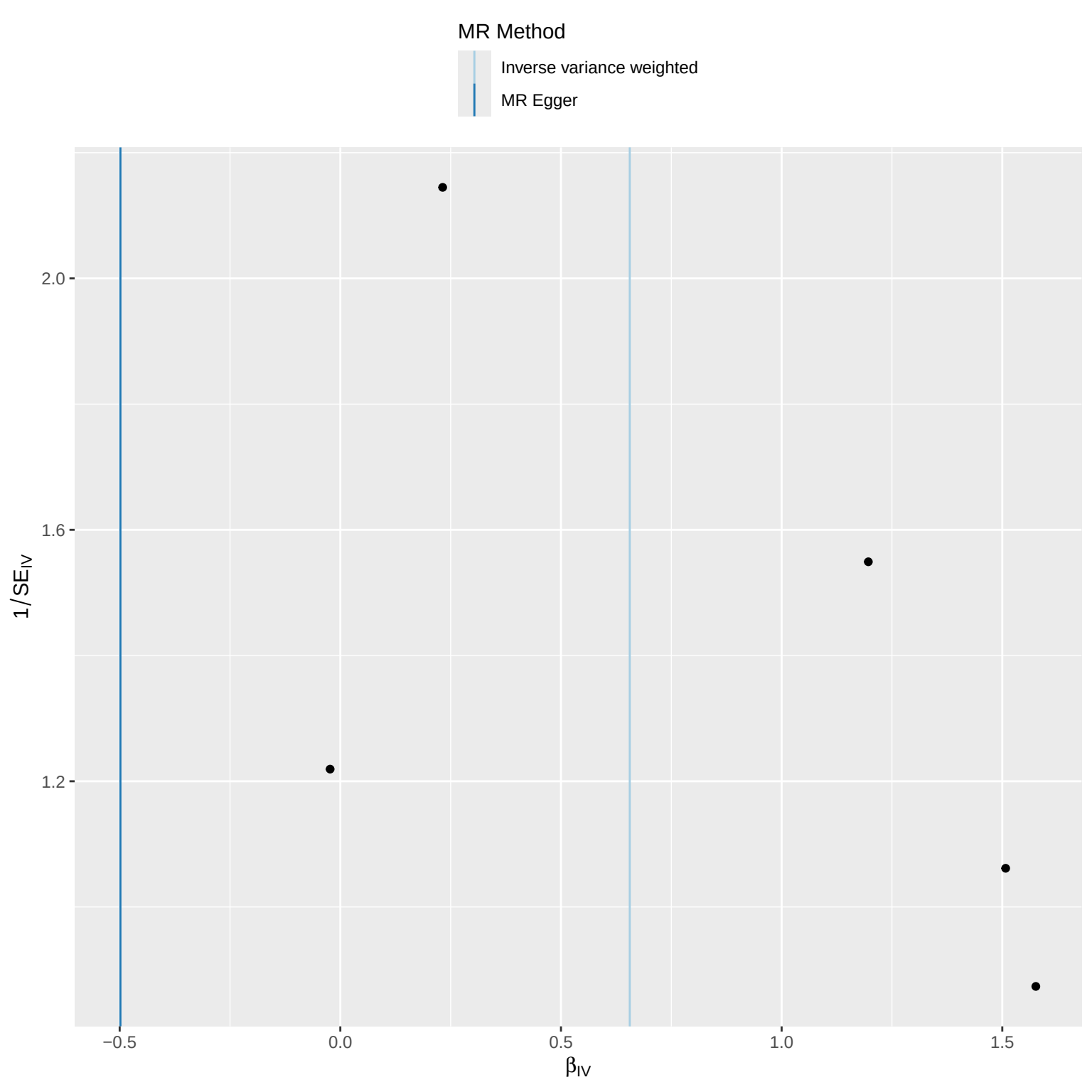

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−3
−2
−1
0
1

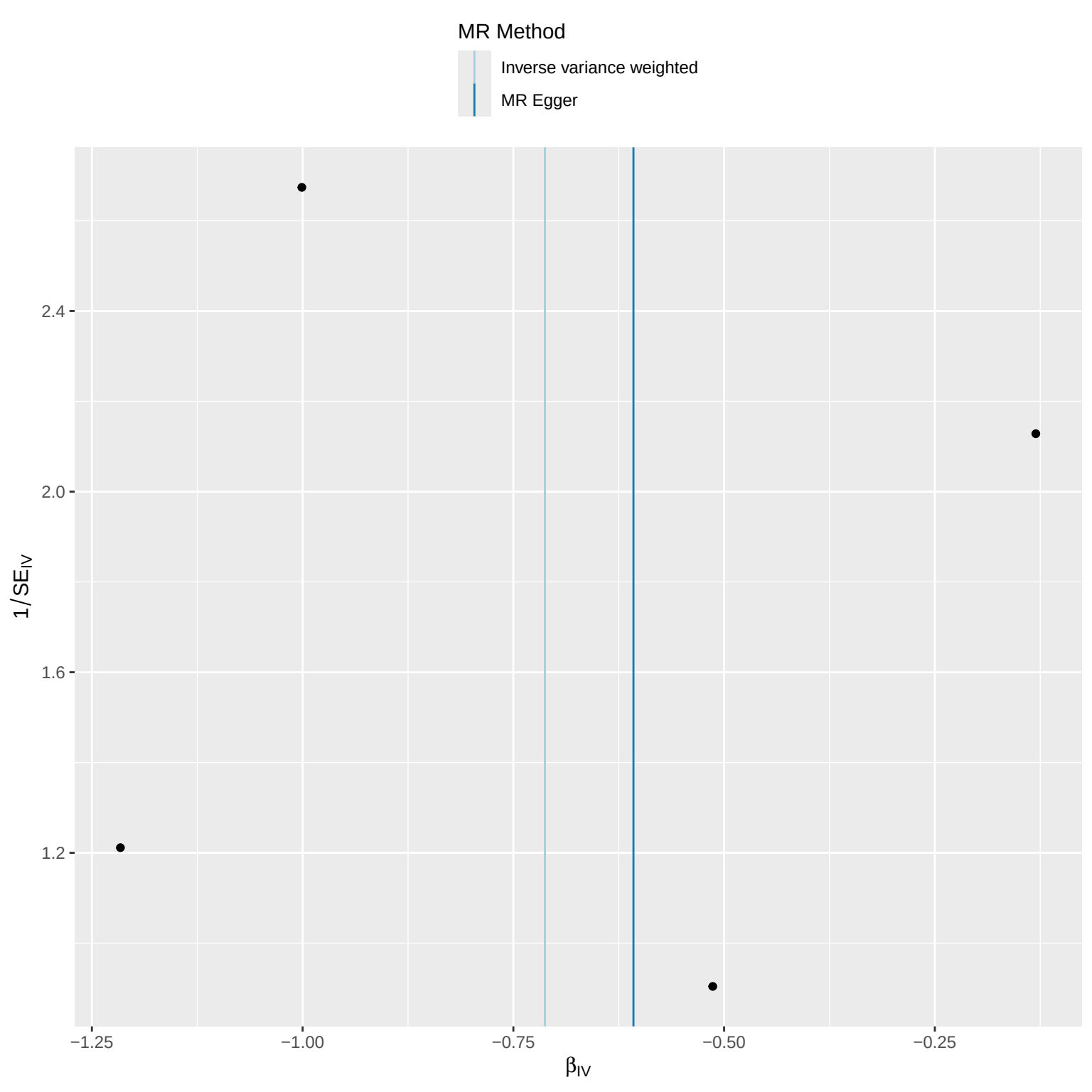

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

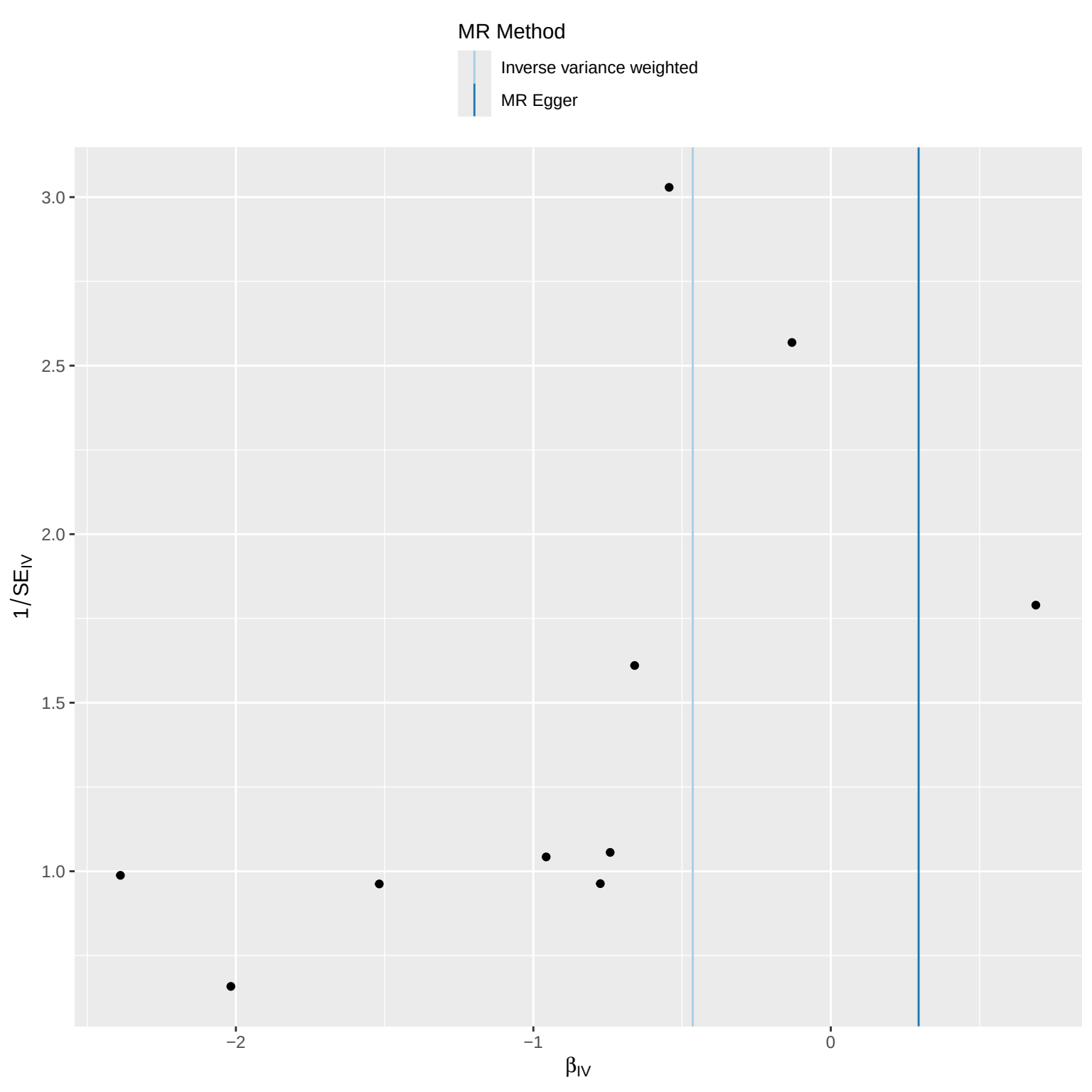

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

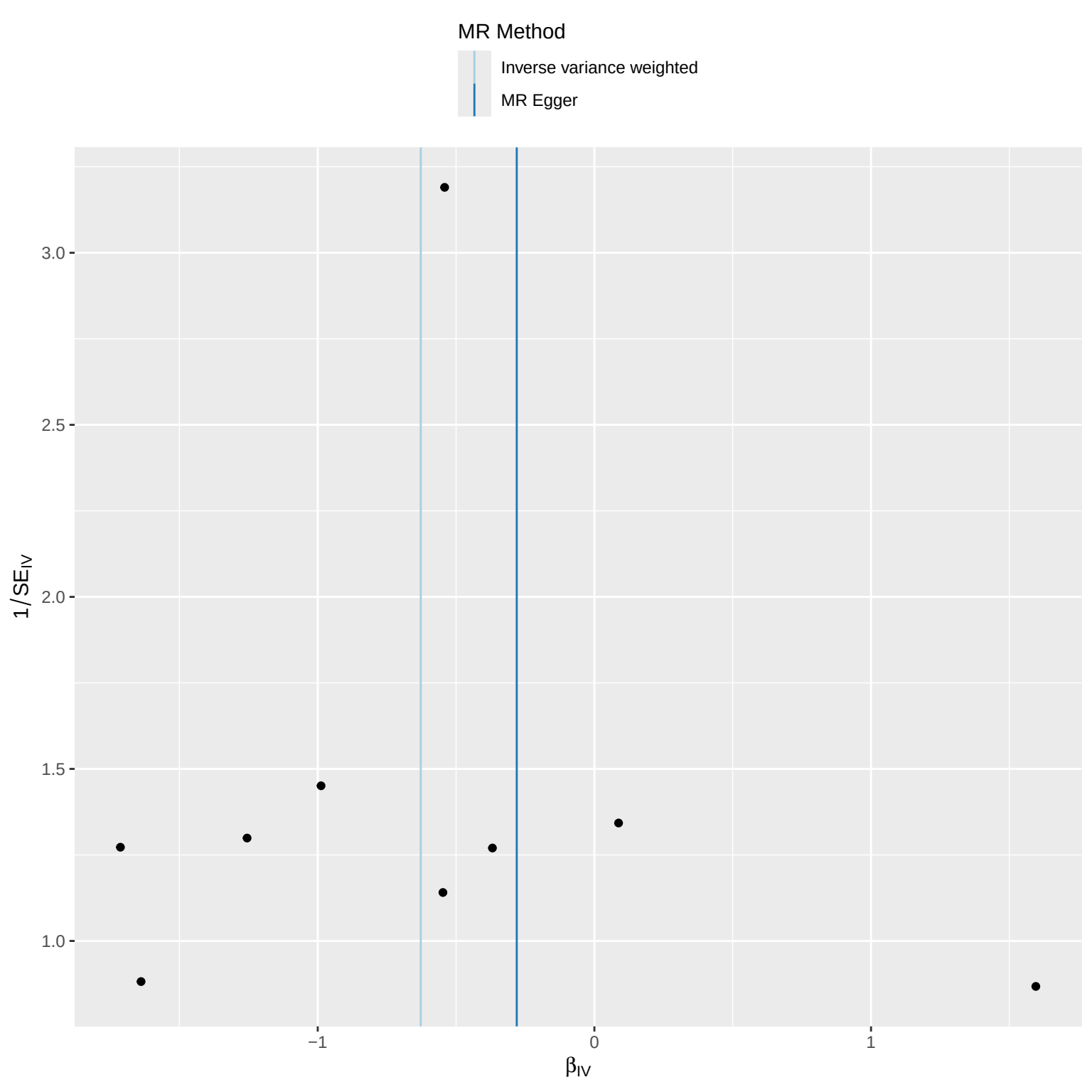

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

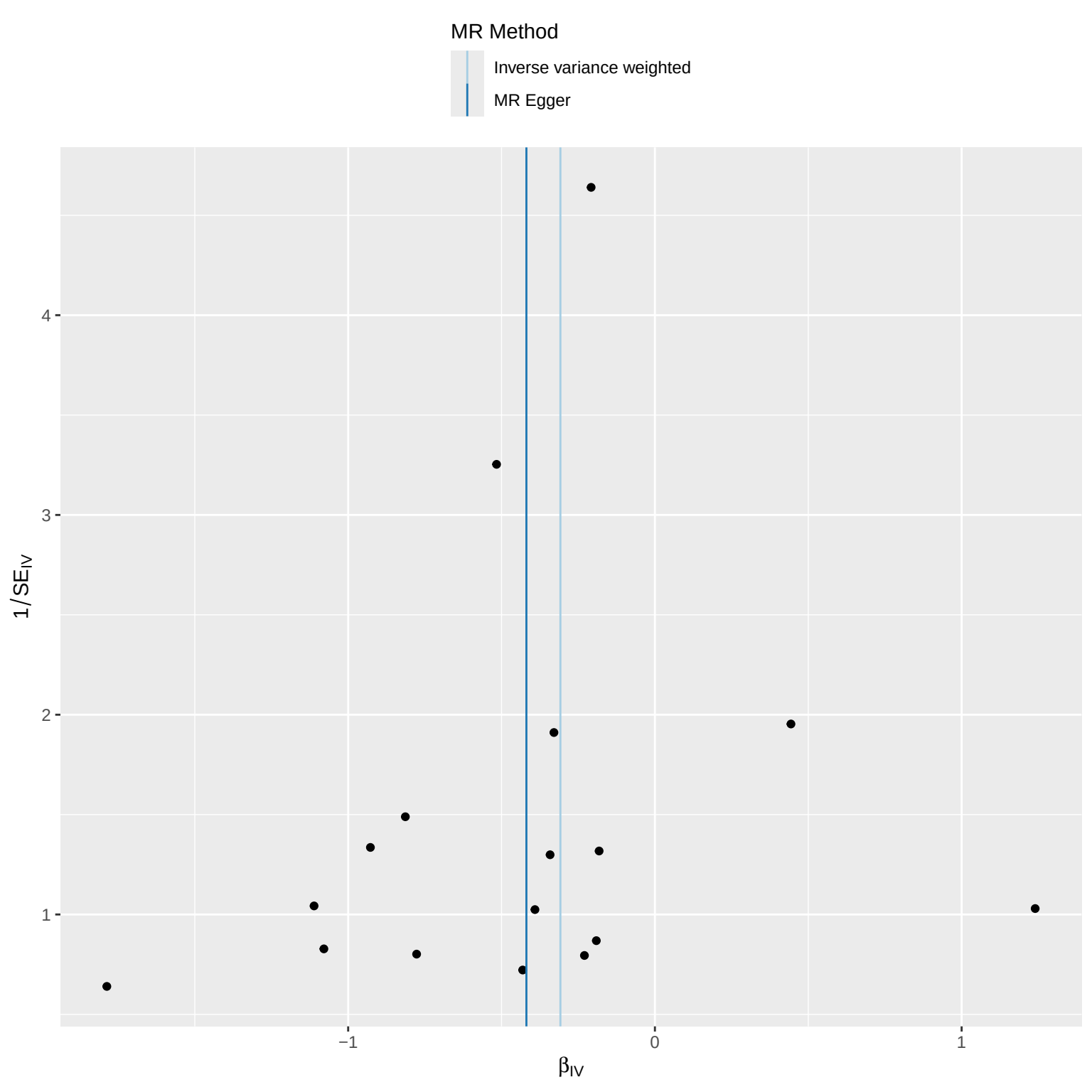

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

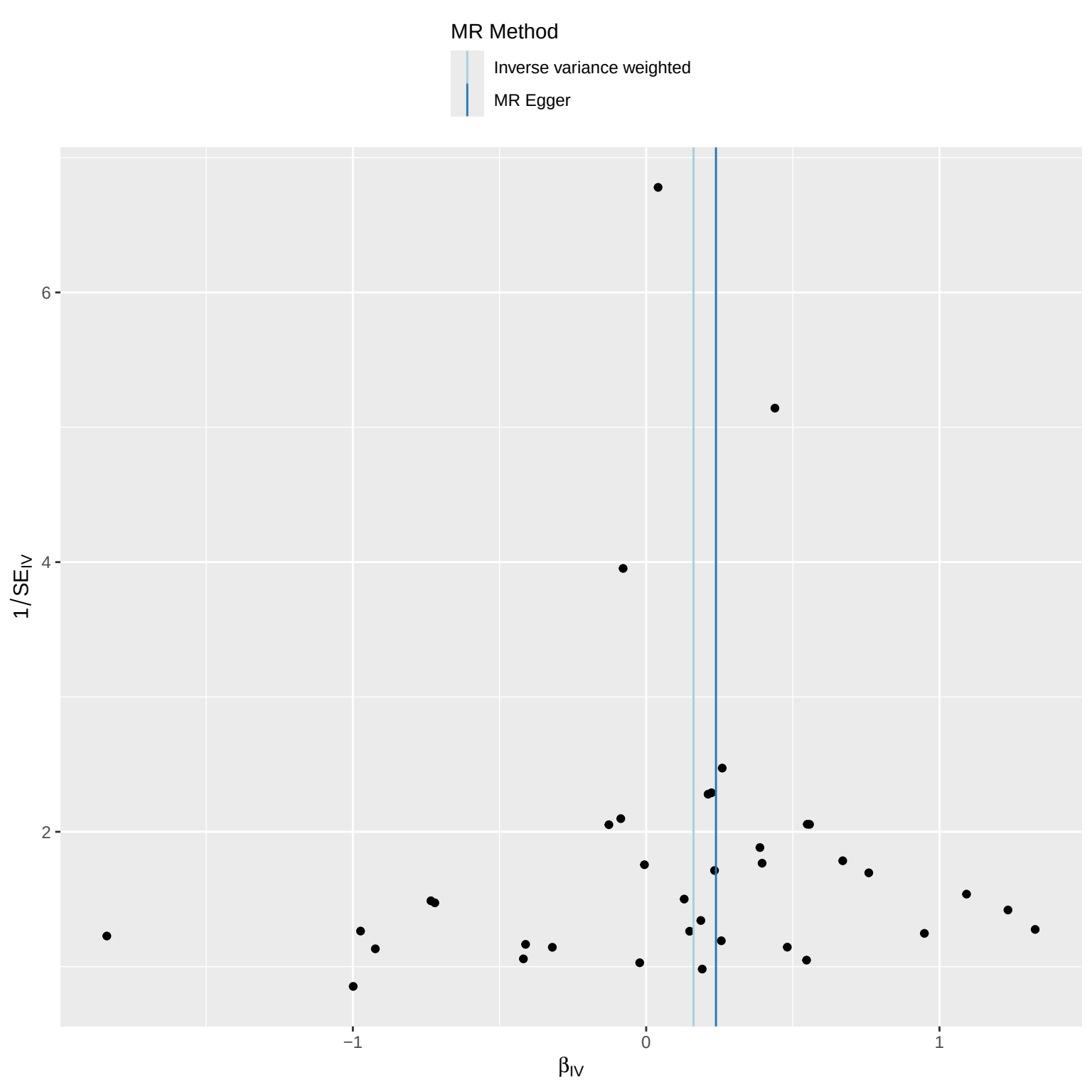

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

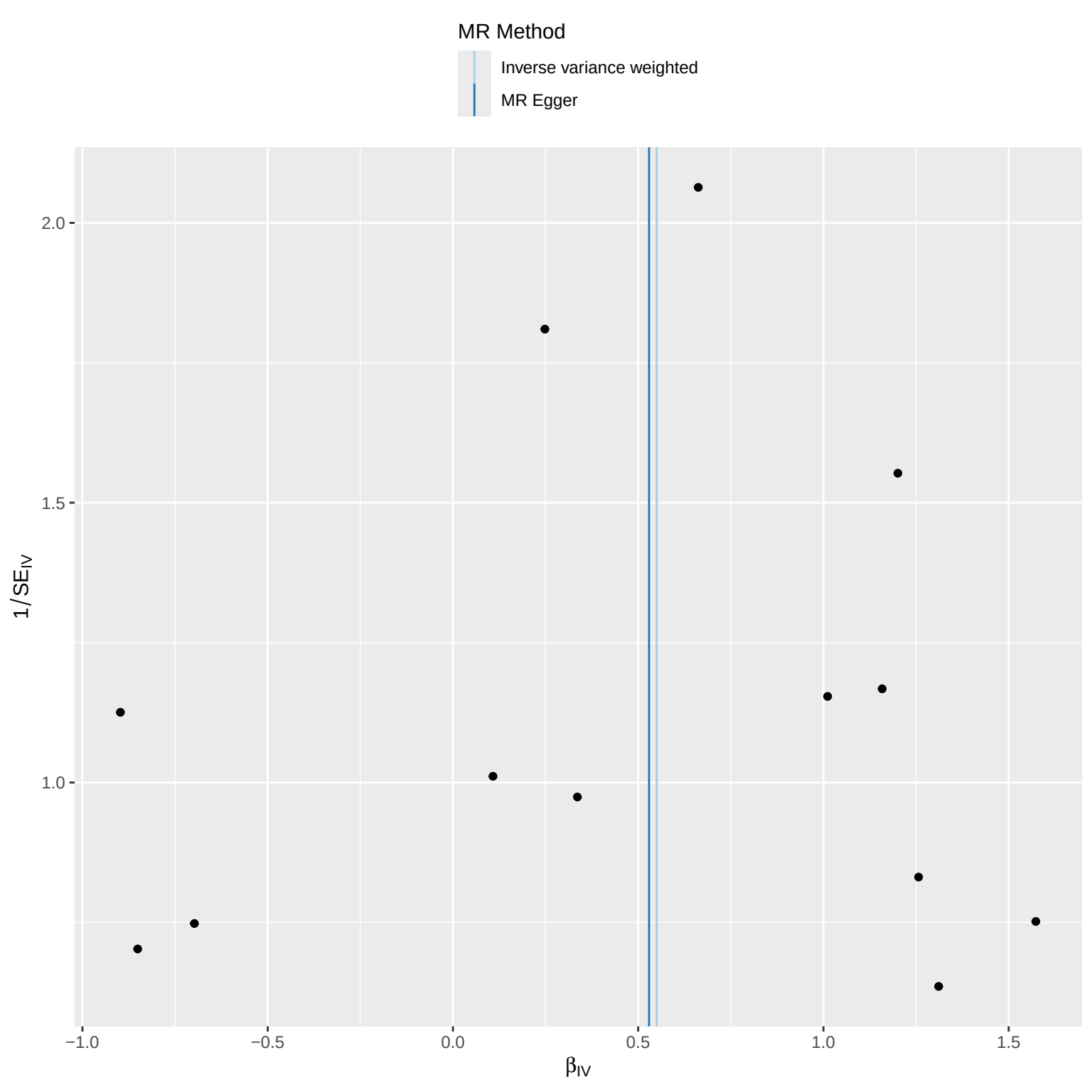

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
1/SE_IV
−1.25
−1.00
−0.75
−0.50
−0.25
β_IV

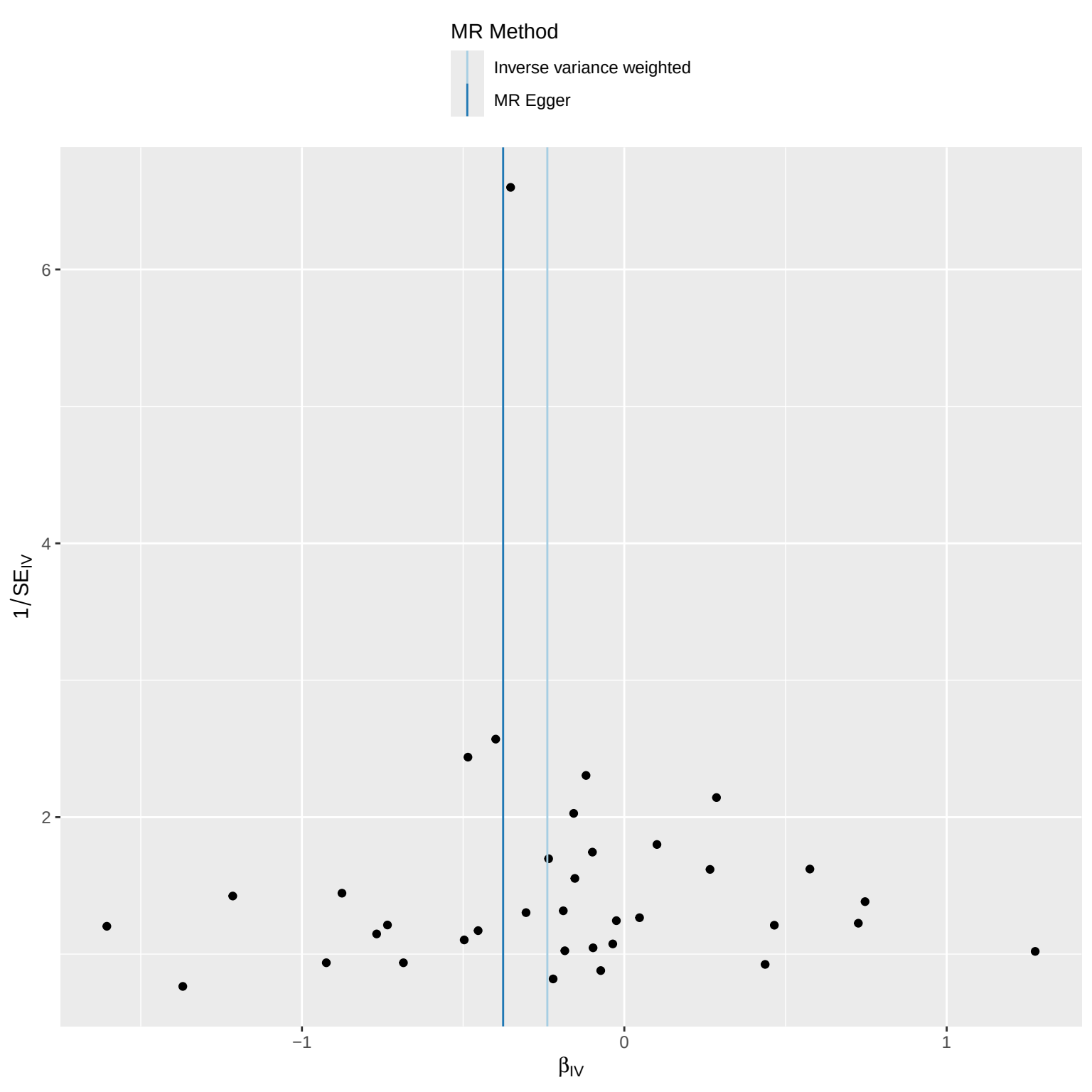

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

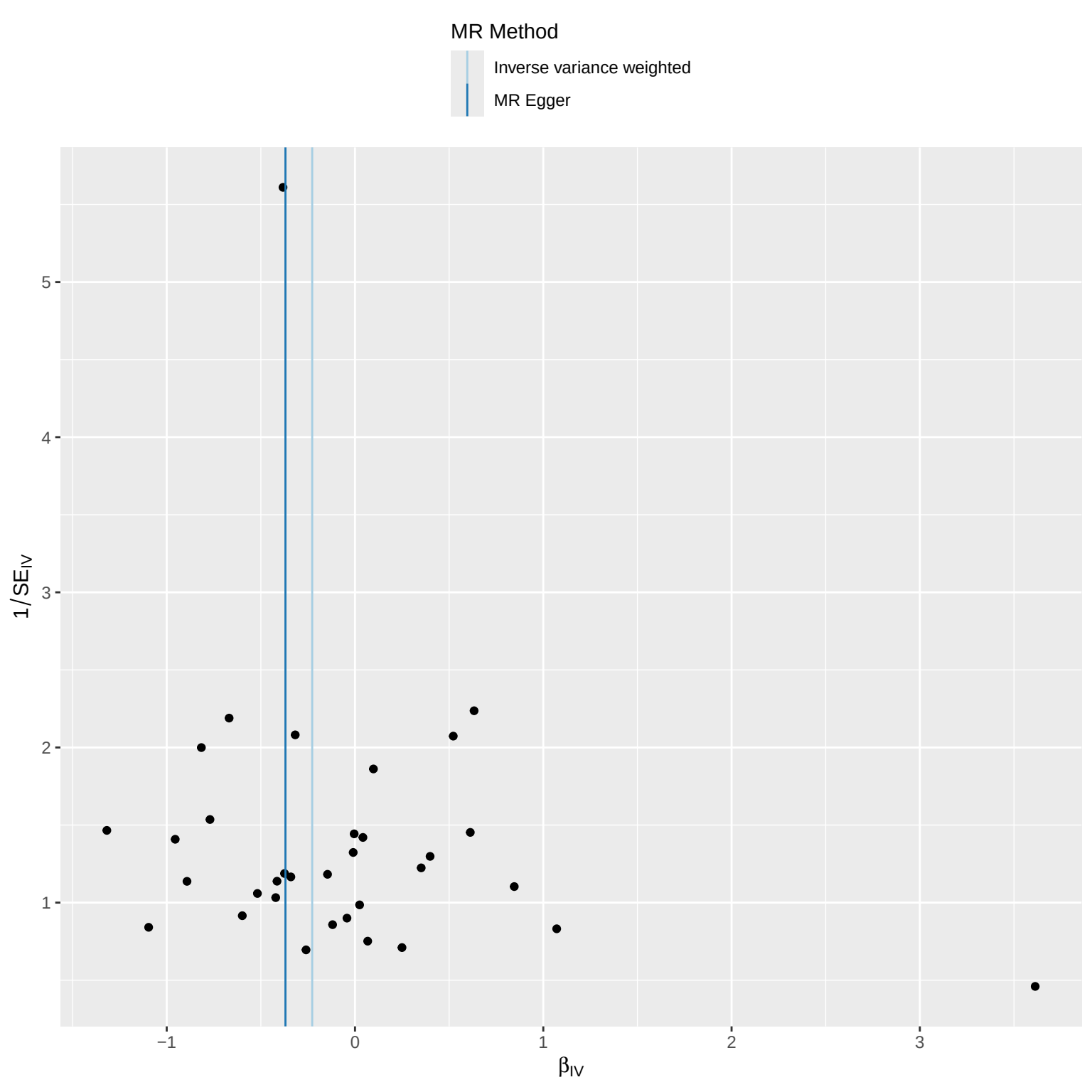

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

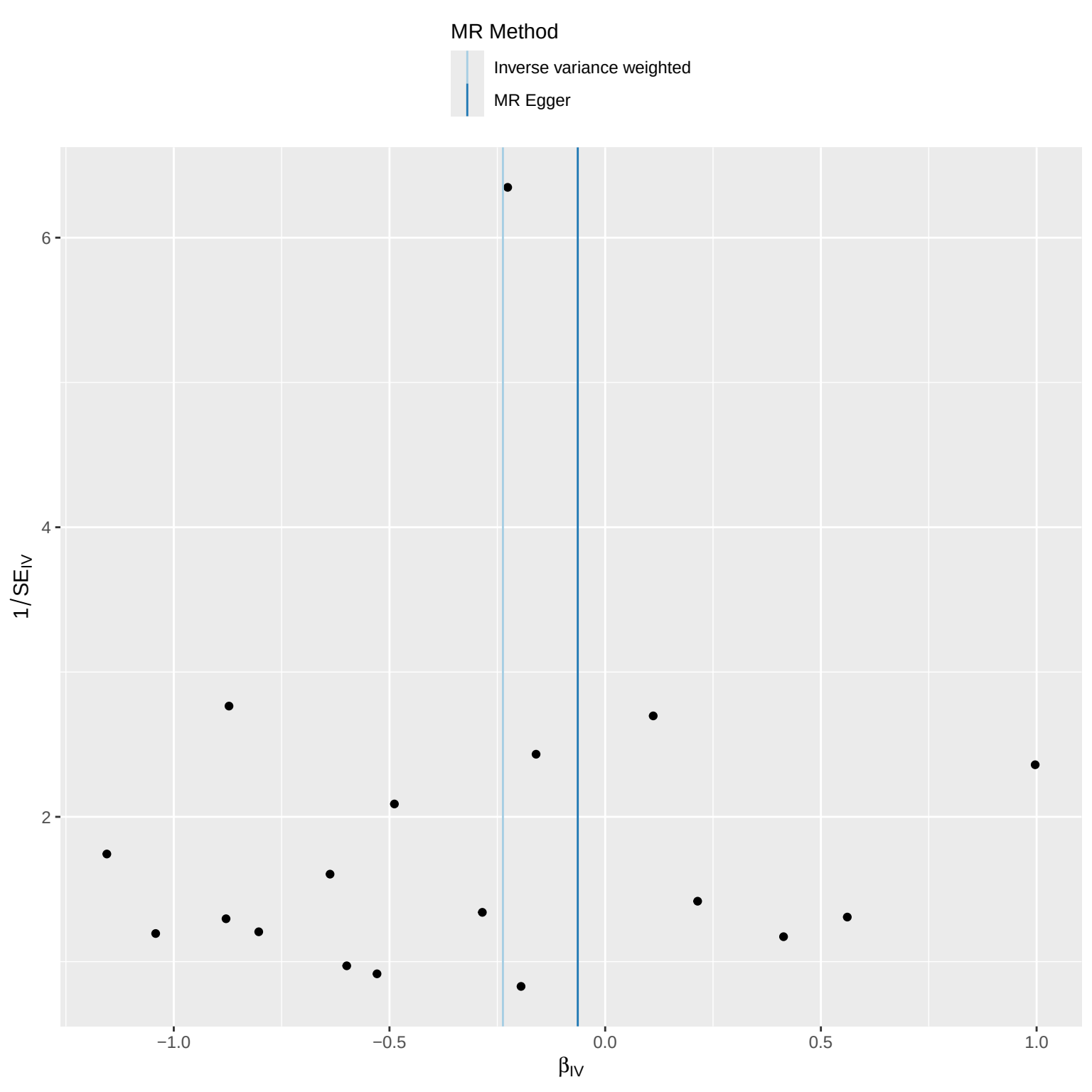

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

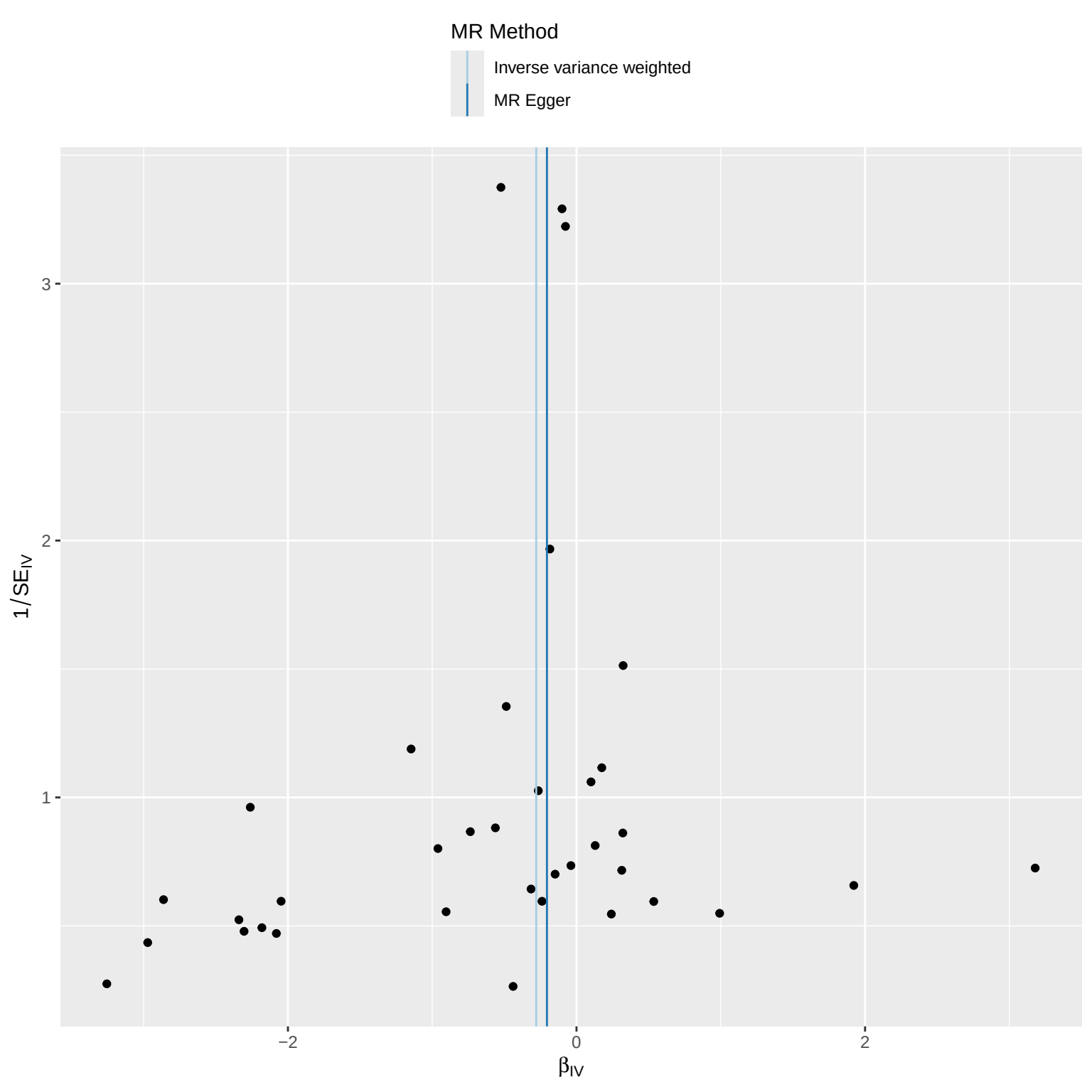

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

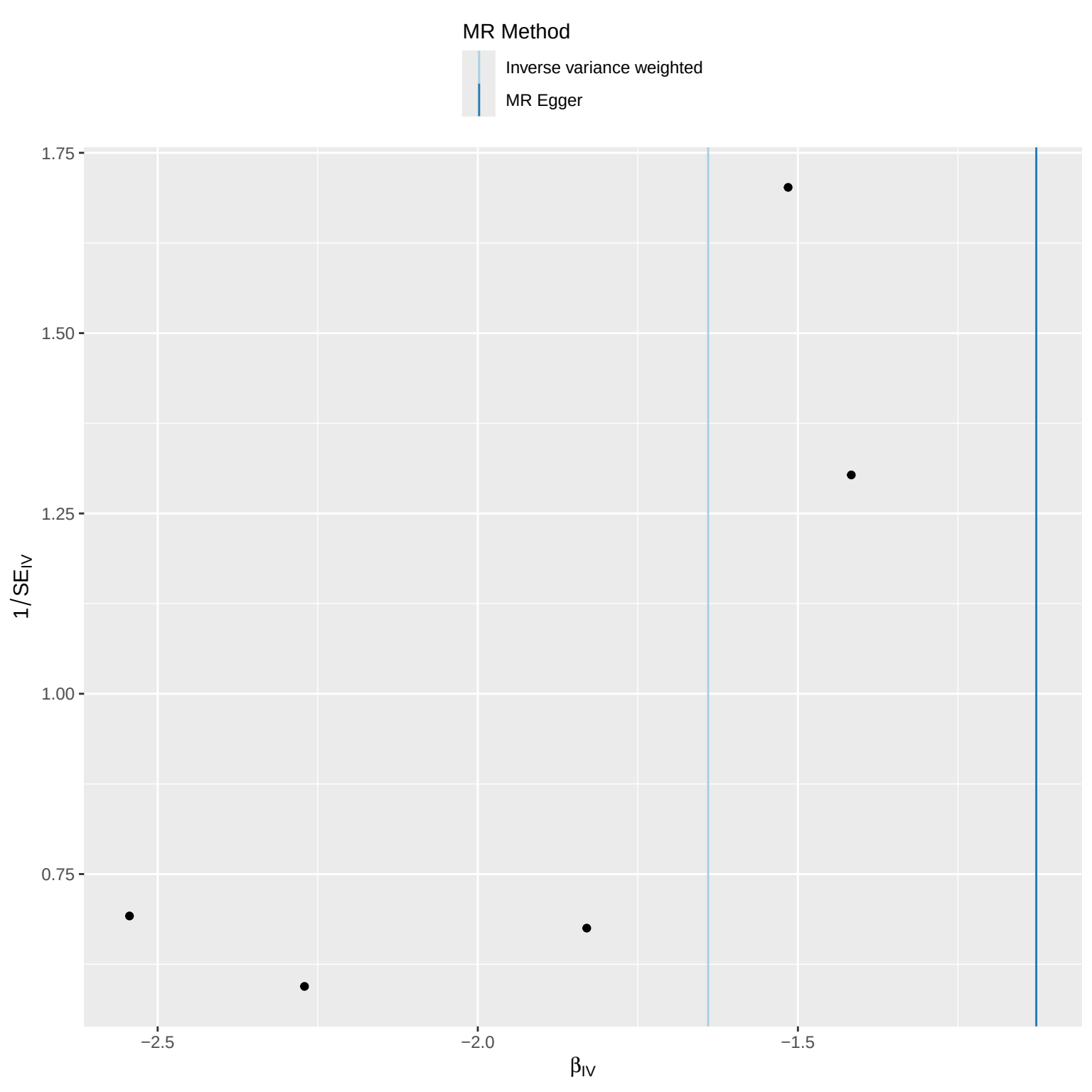

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

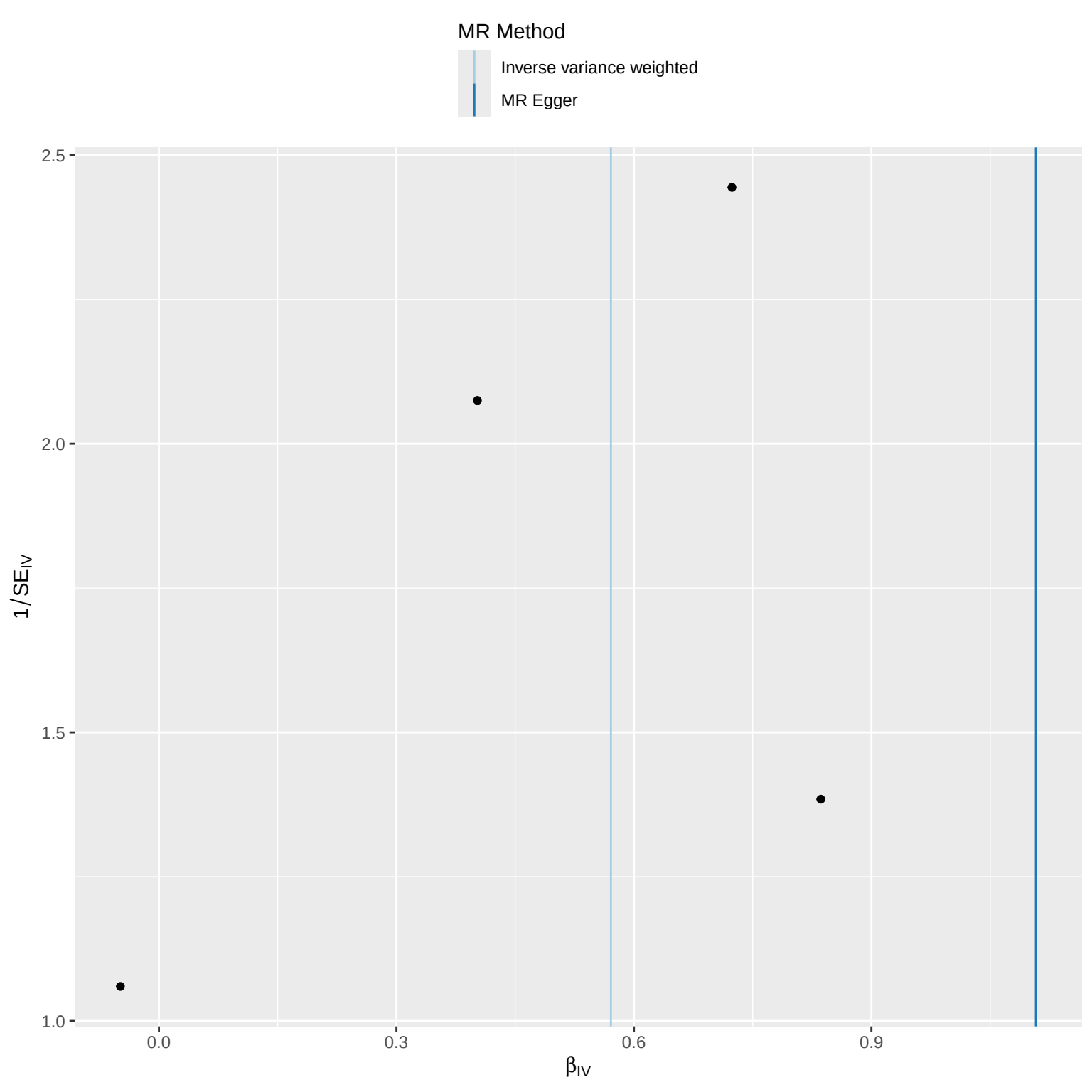

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

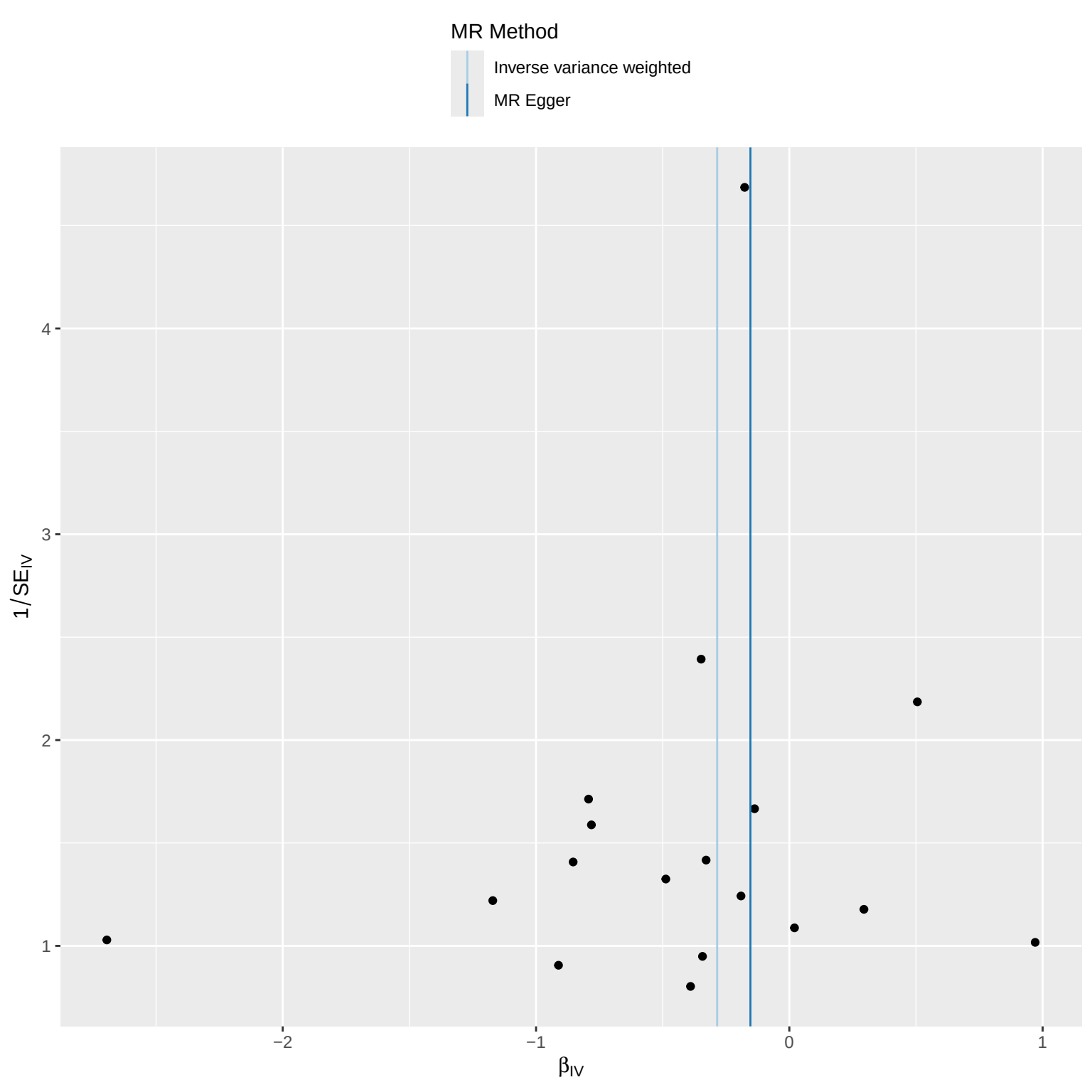

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1
0
1
2
3

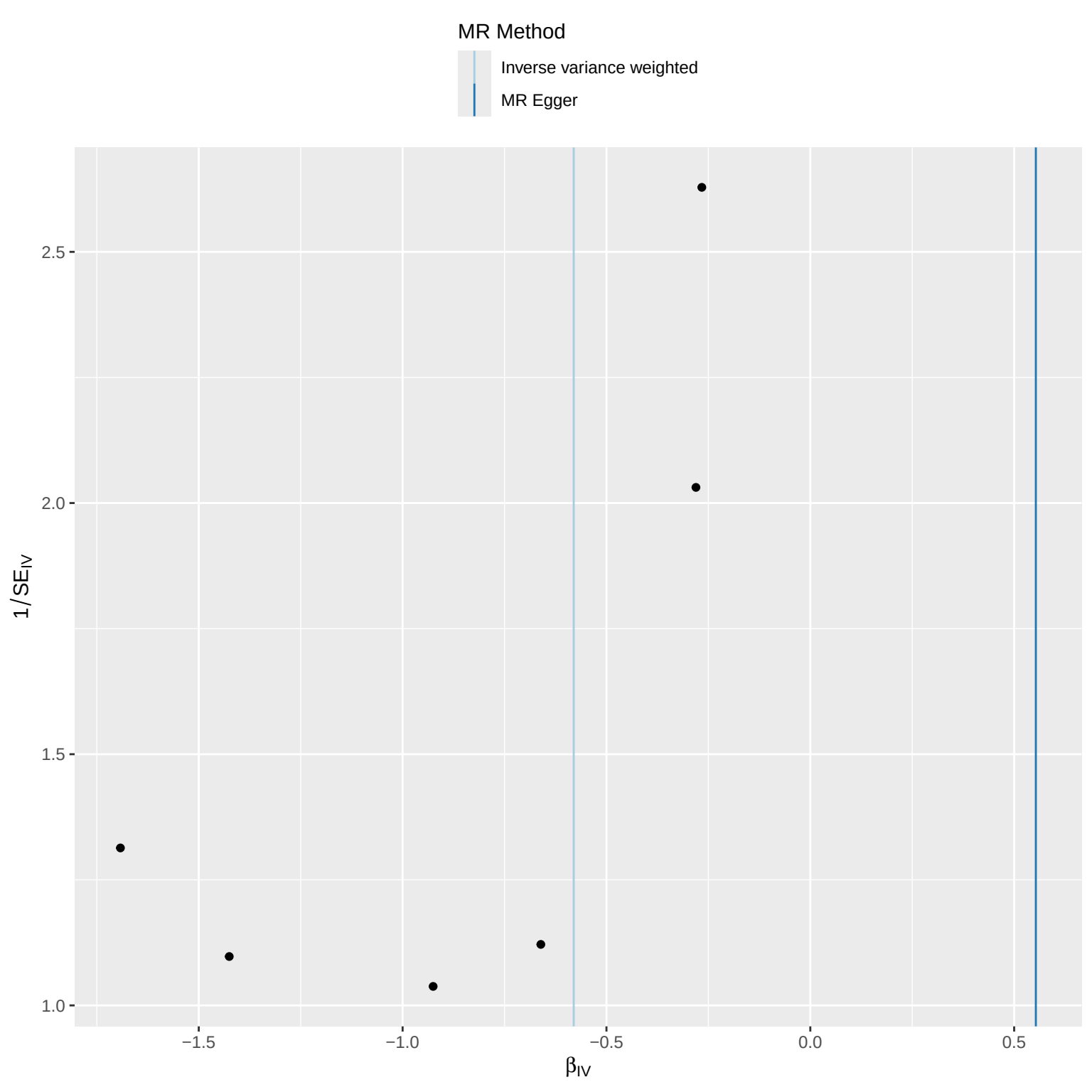

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

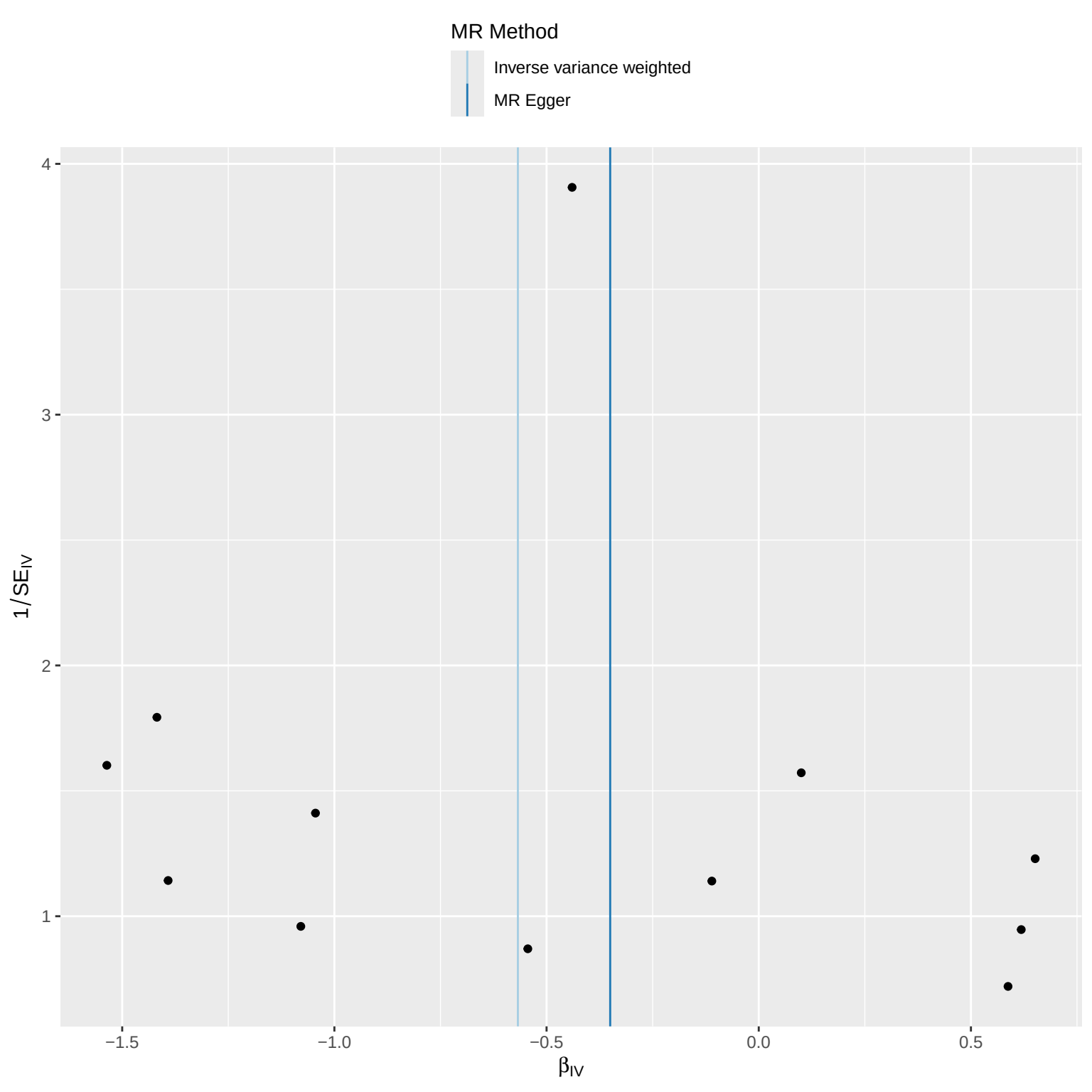

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

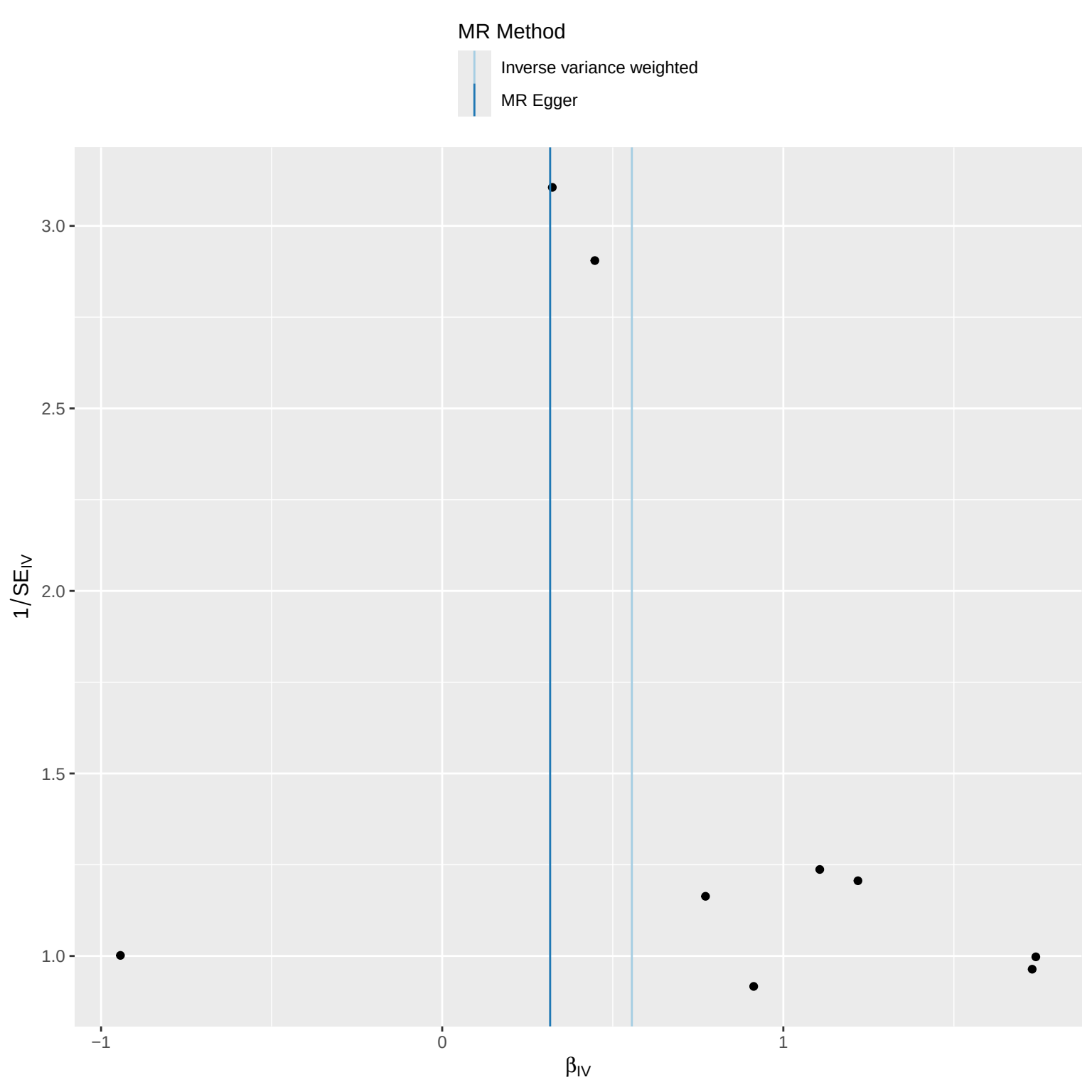

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−2.5
−2.0
−1.5
β_IV

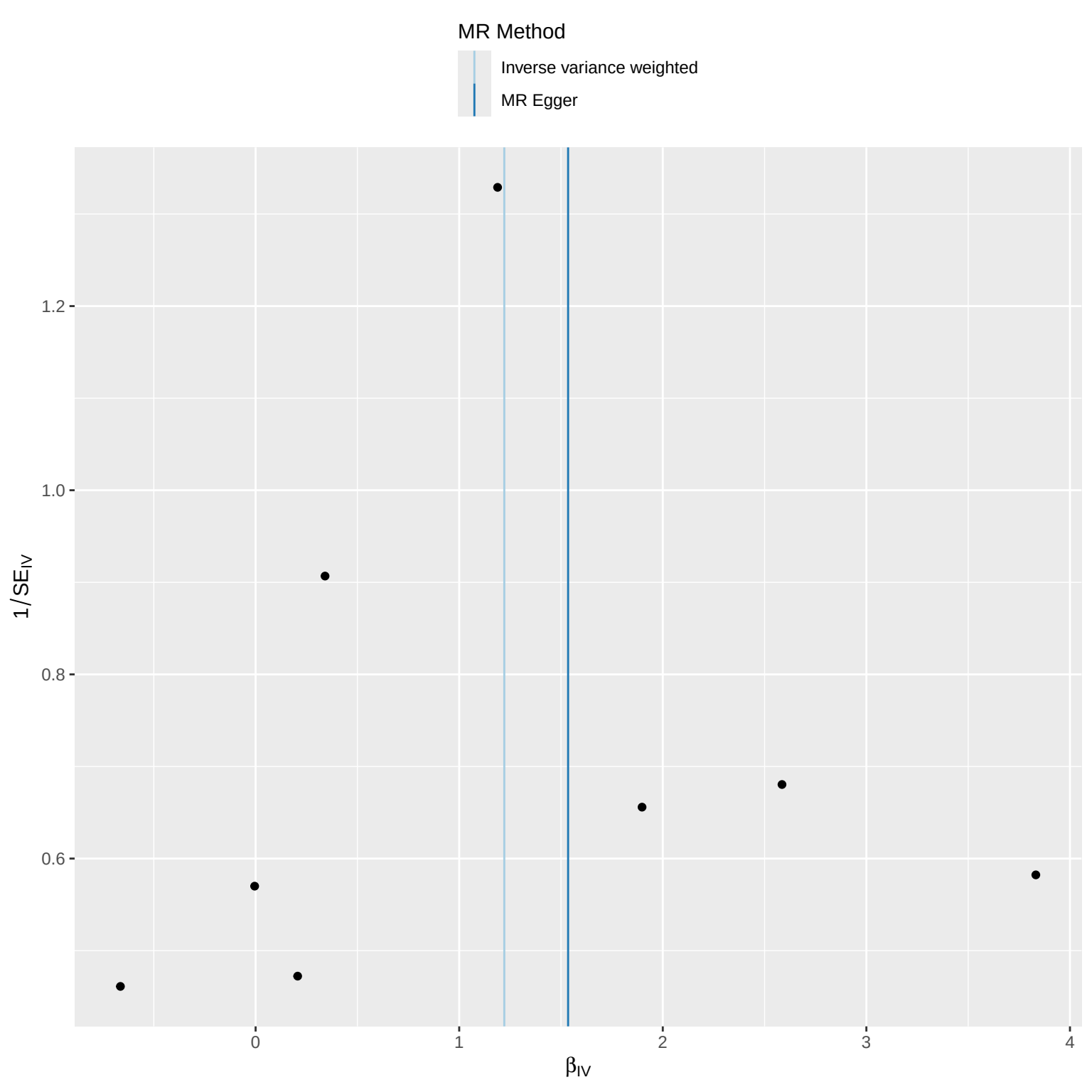

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.3
0.6
0.9
β_IV

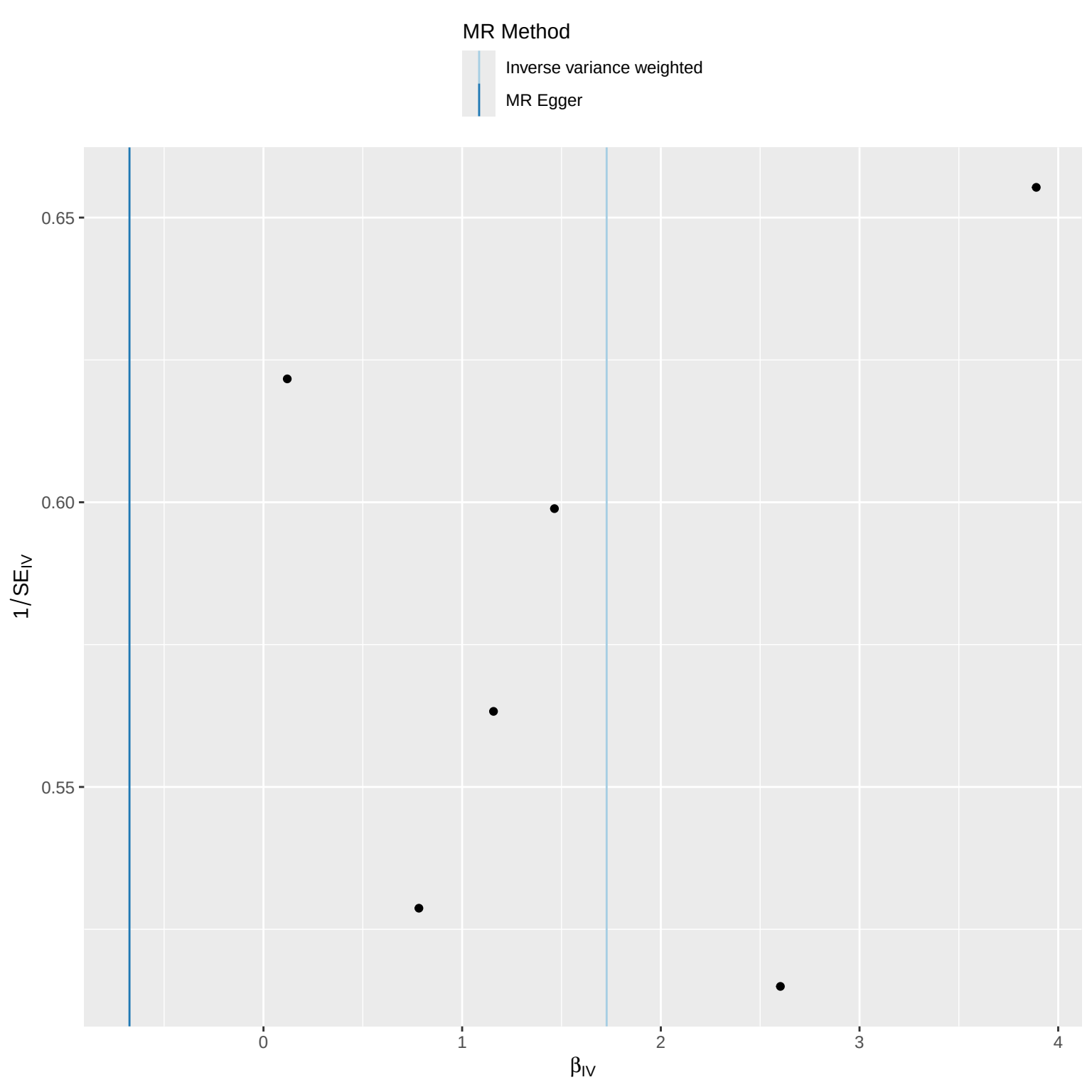

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

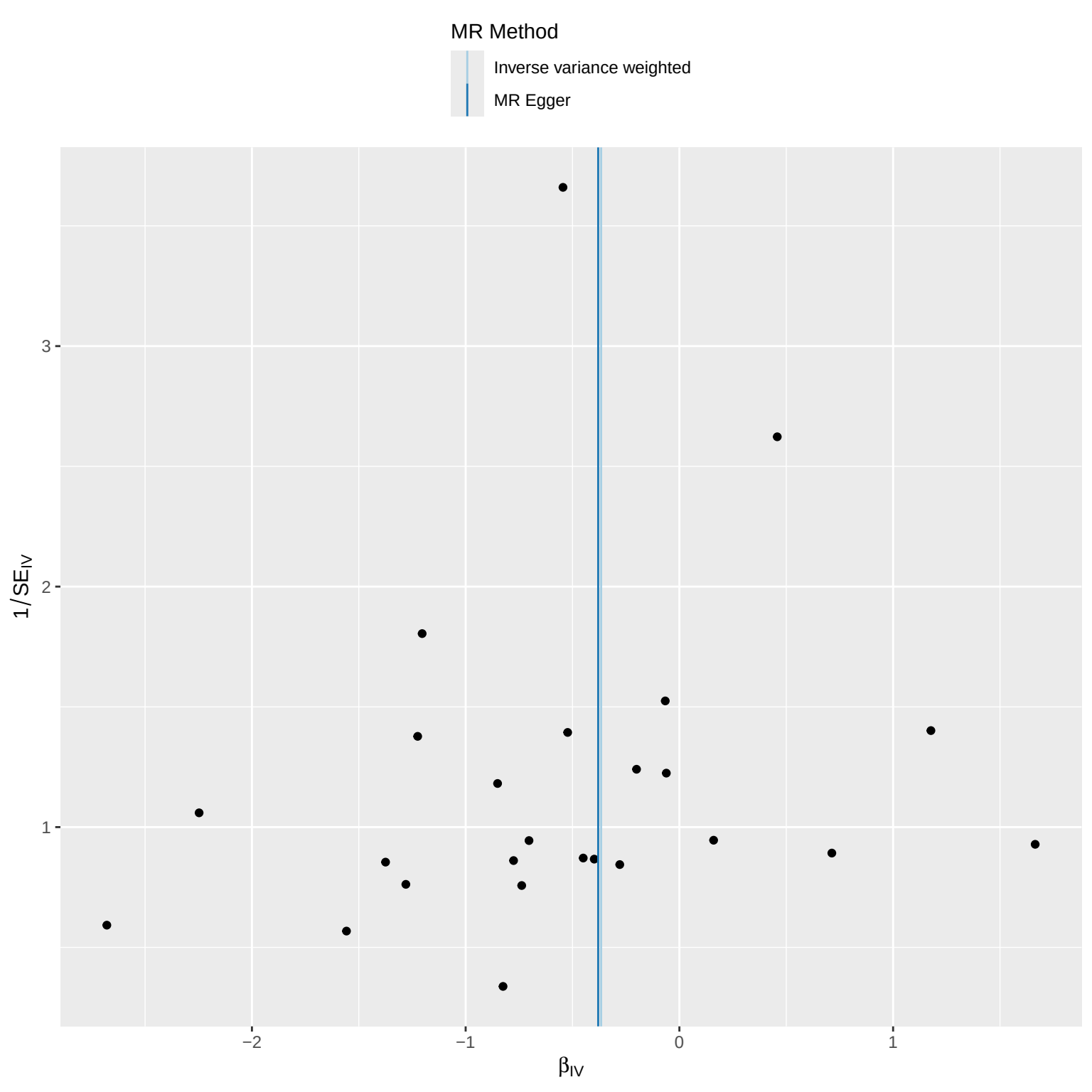

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

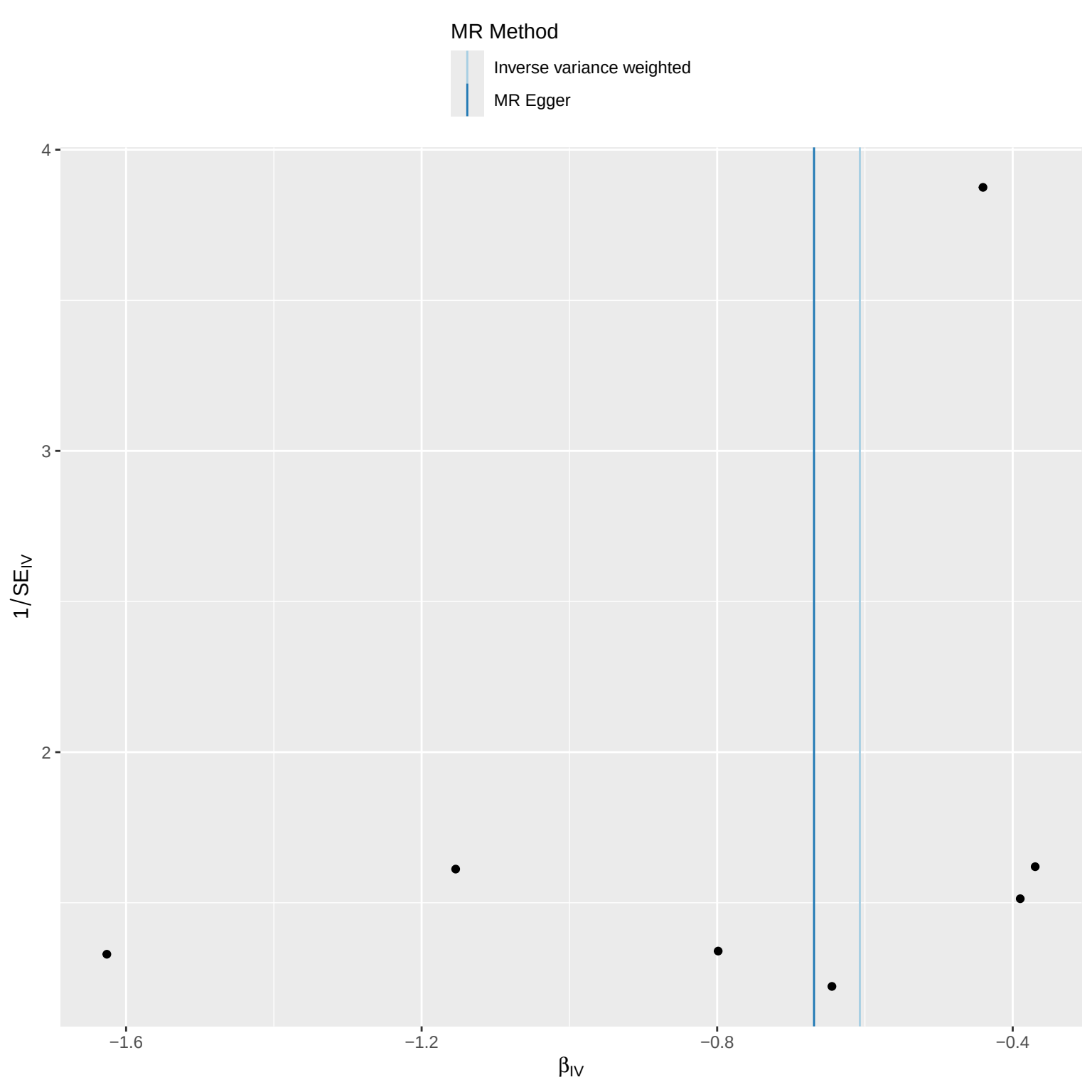

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

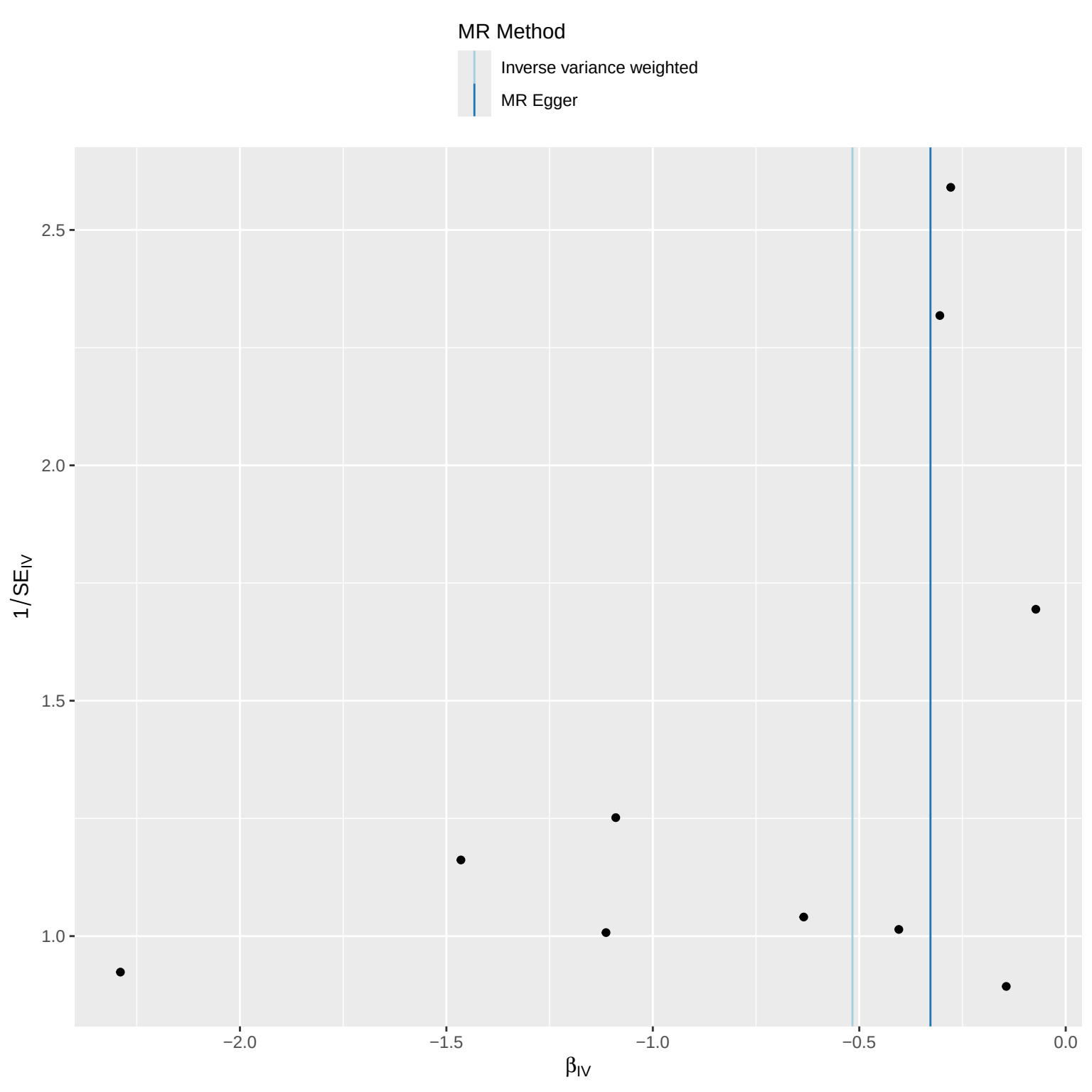

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

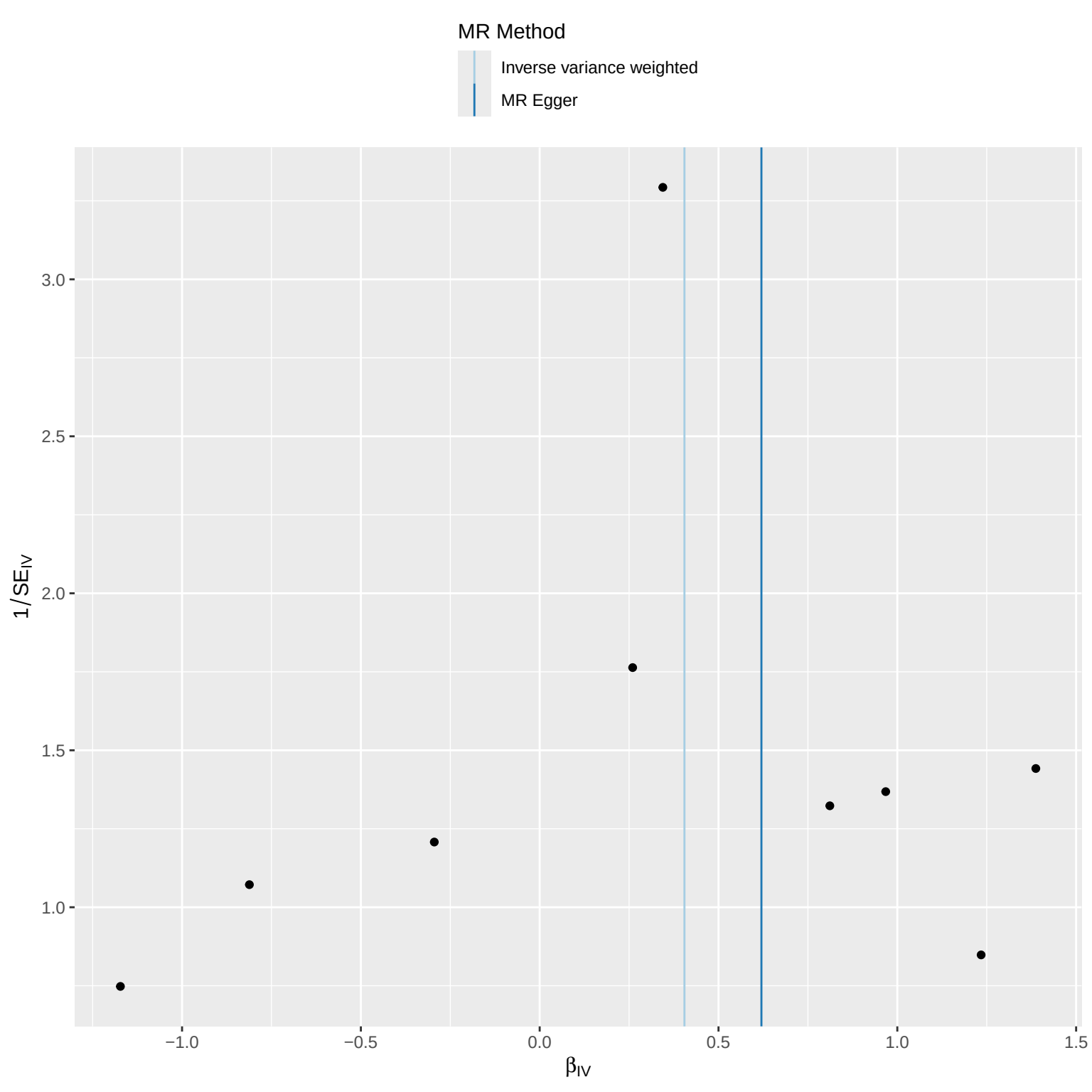

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
4
β_IV

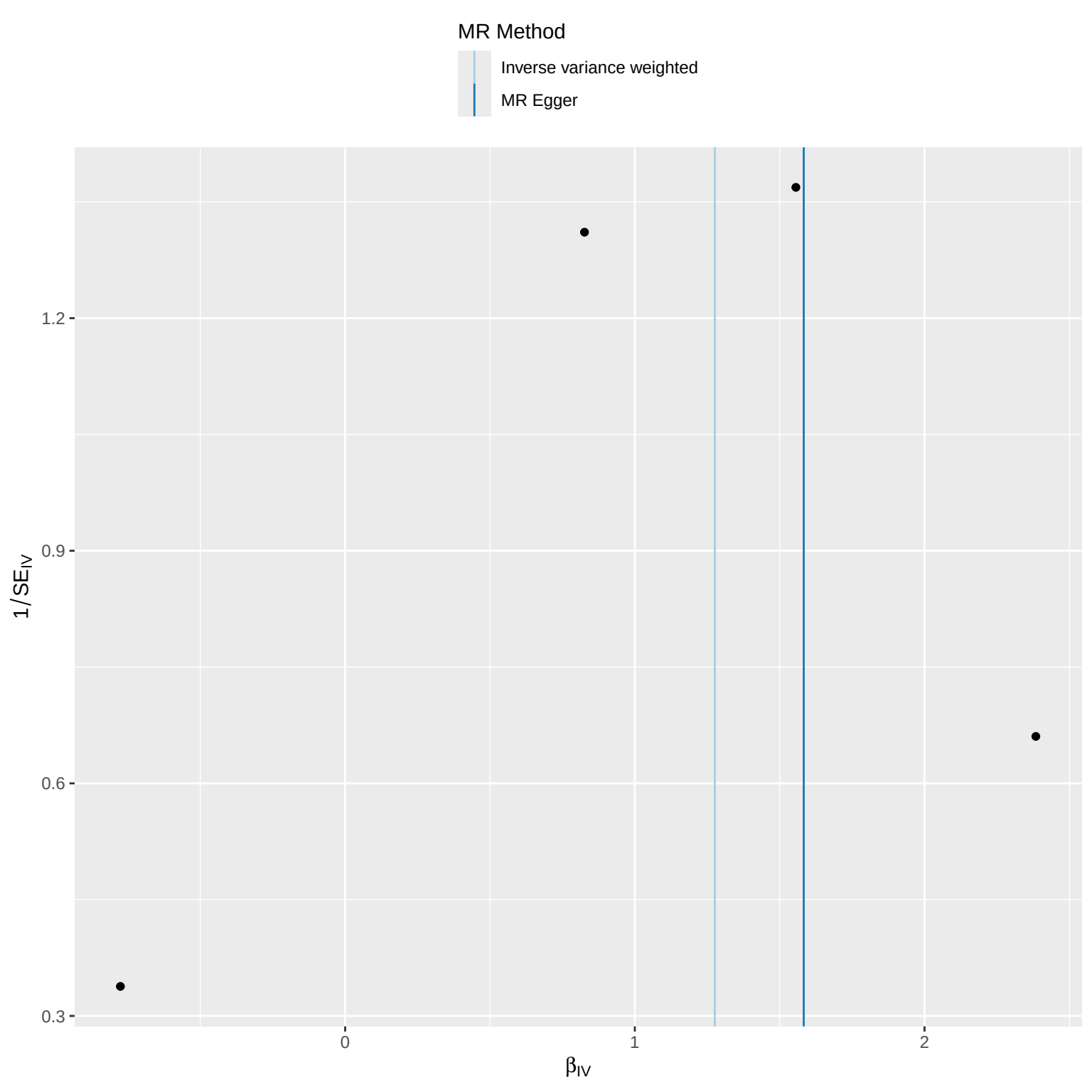

MR Method
Inverse variance weighted
MR Egger
0.65
0.60
0.55
1/SE_IV
0
1
2
3
4
β_IV

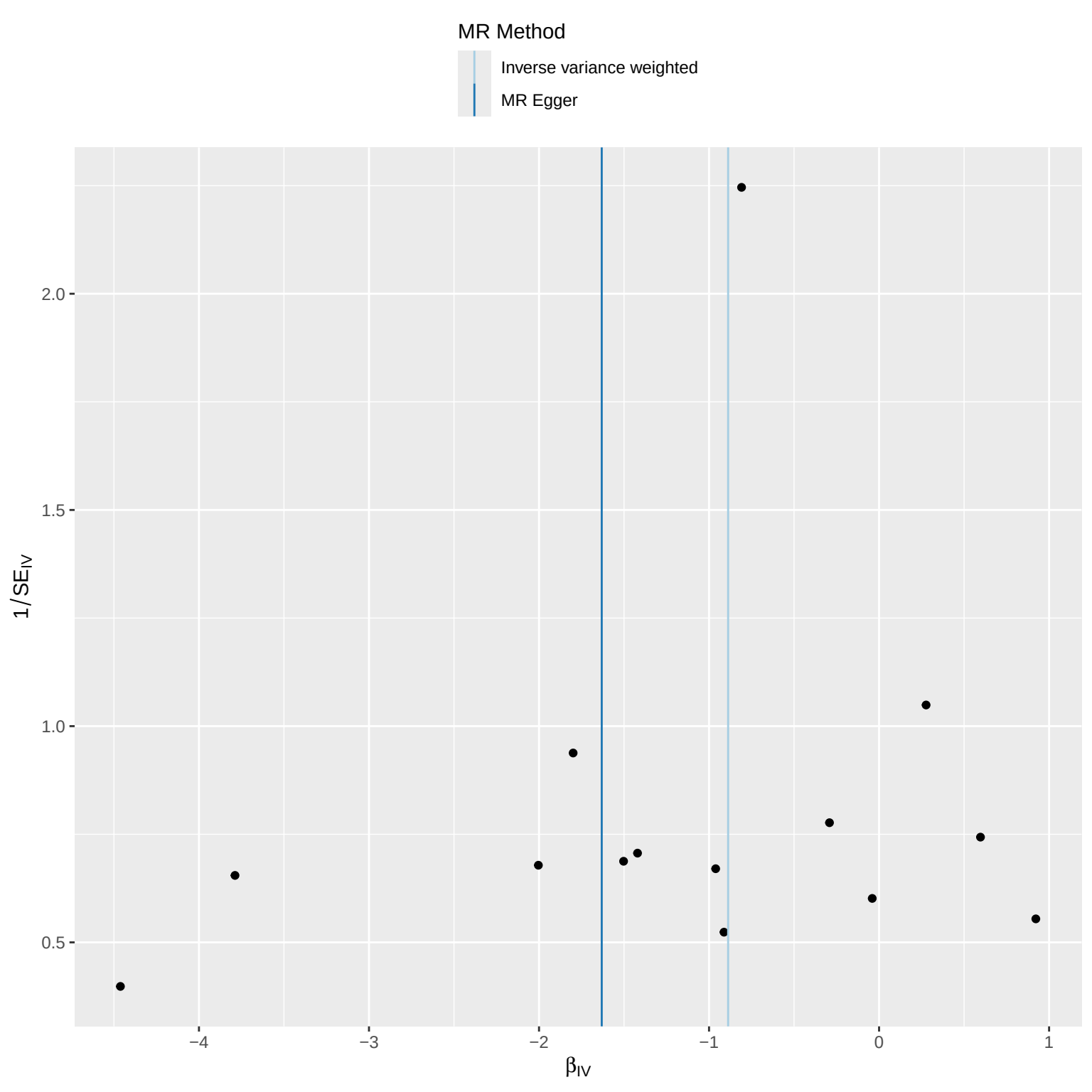

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

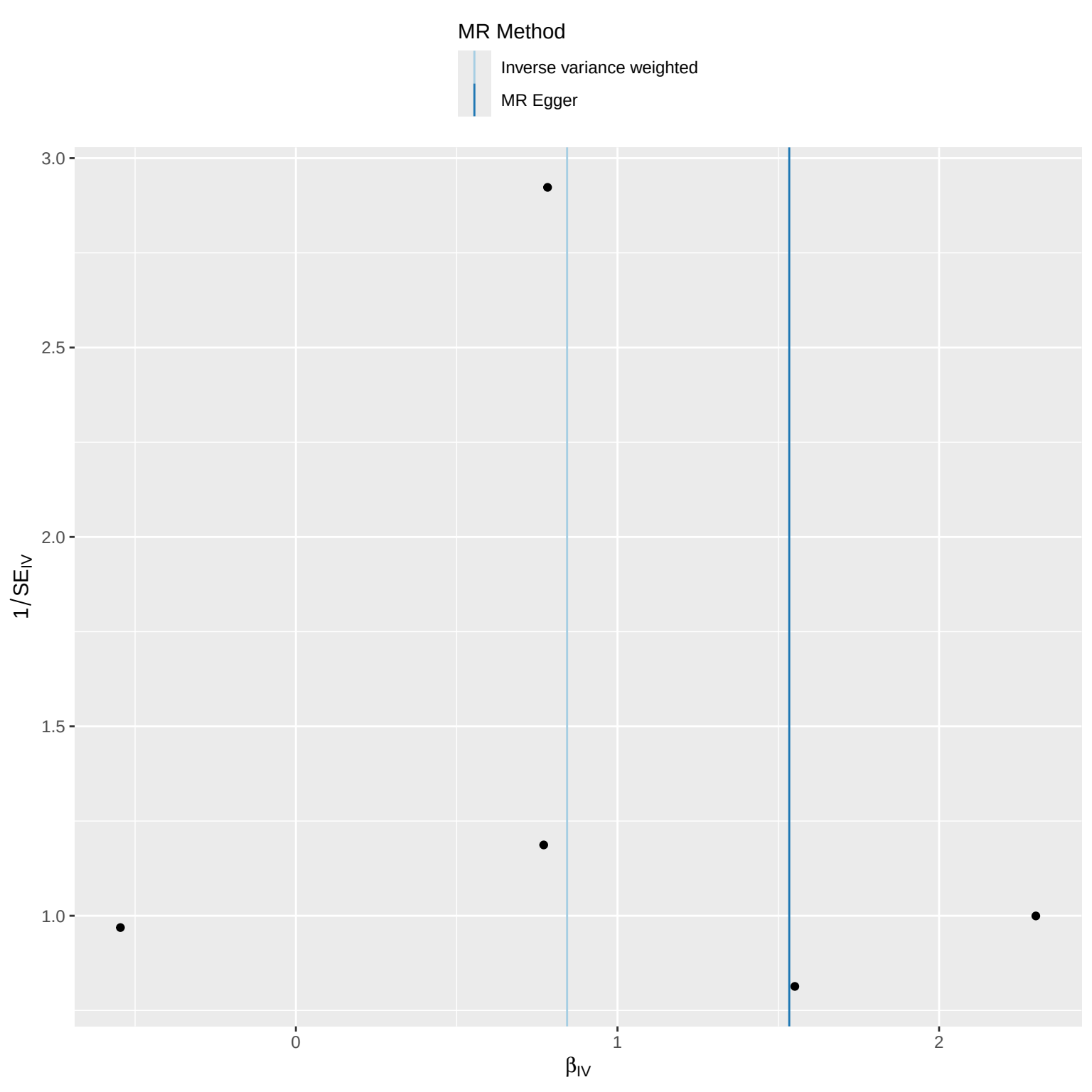

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.6
−1.2
−0.8
−0.4
β_IV

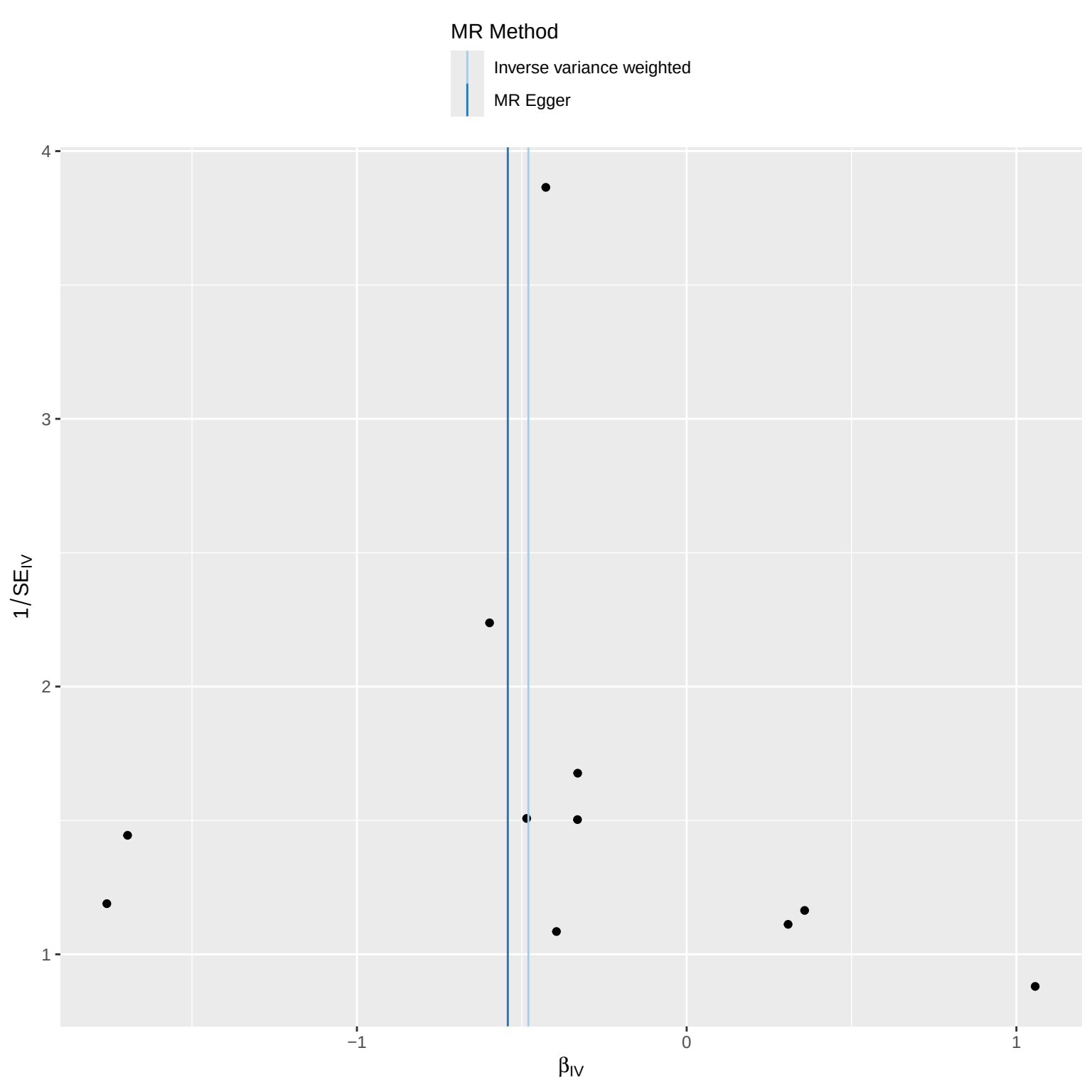

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

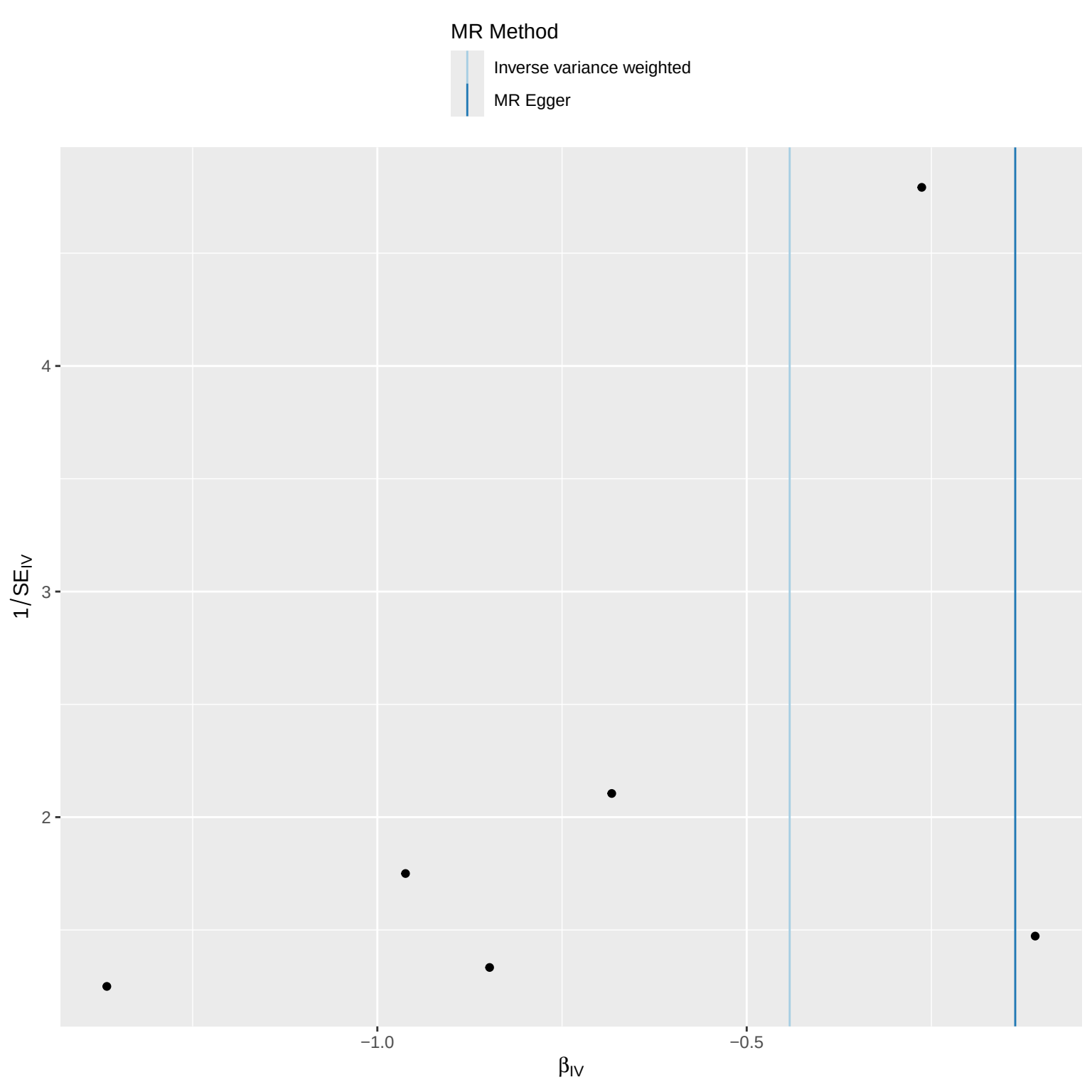

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

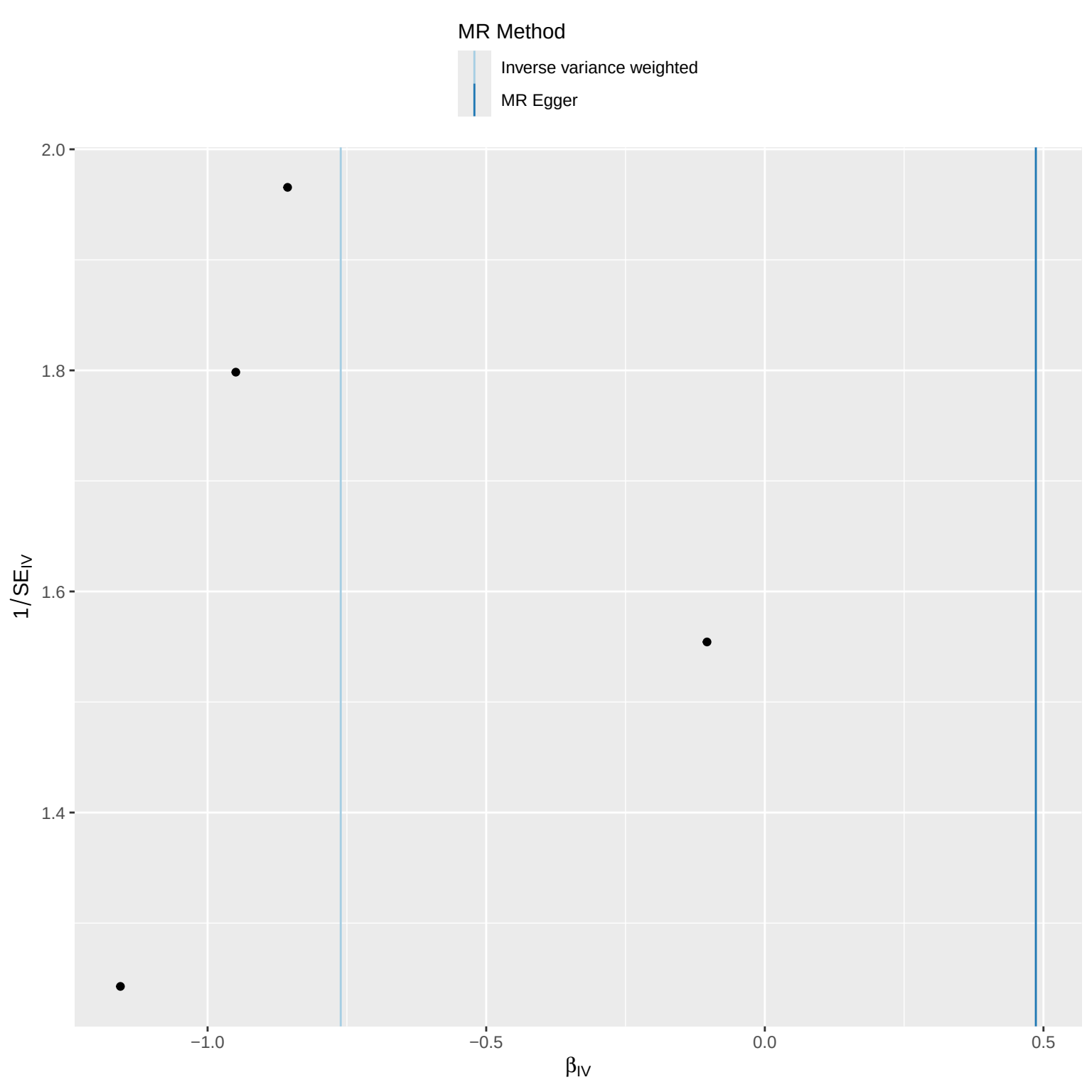

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
0
1
2
β_IV

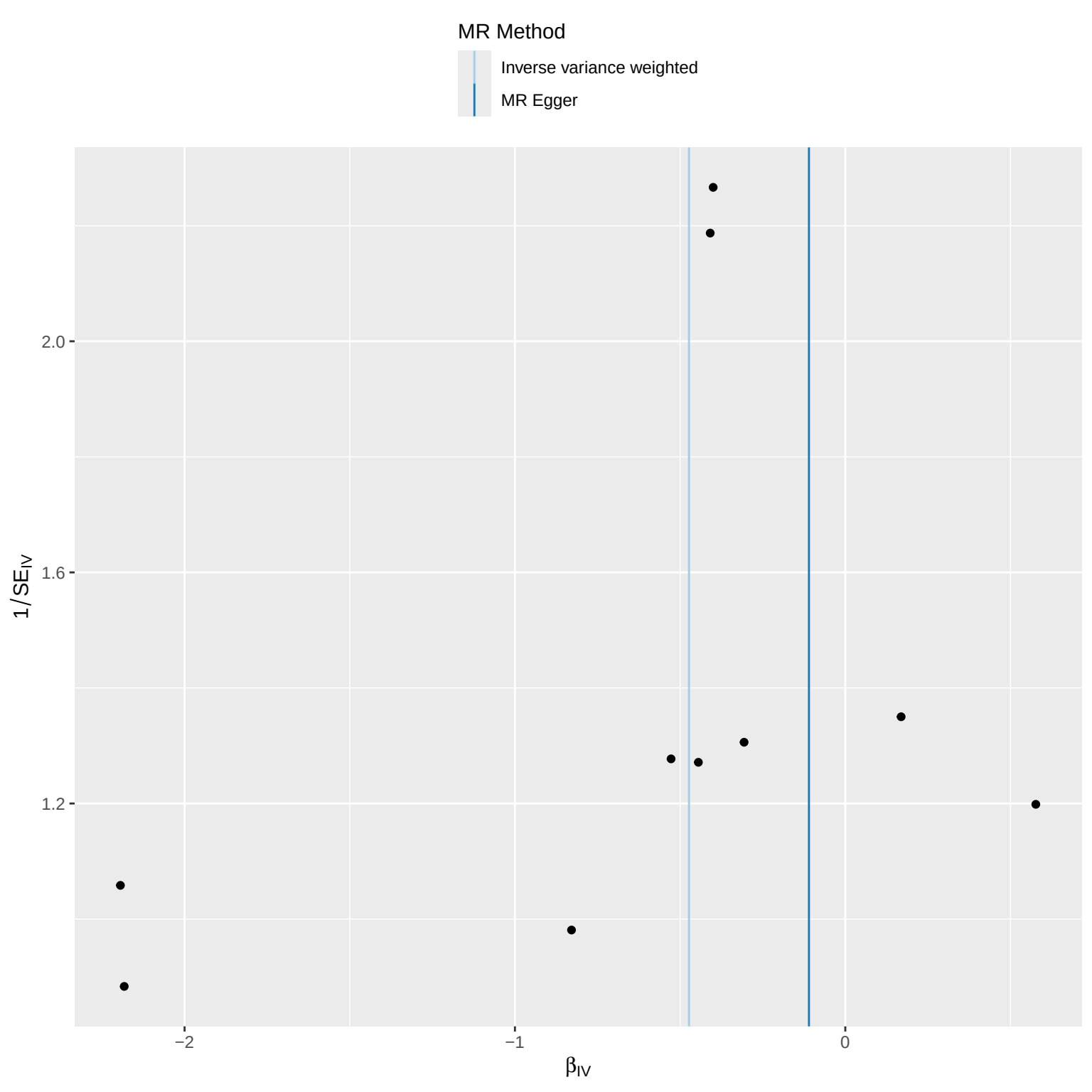

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

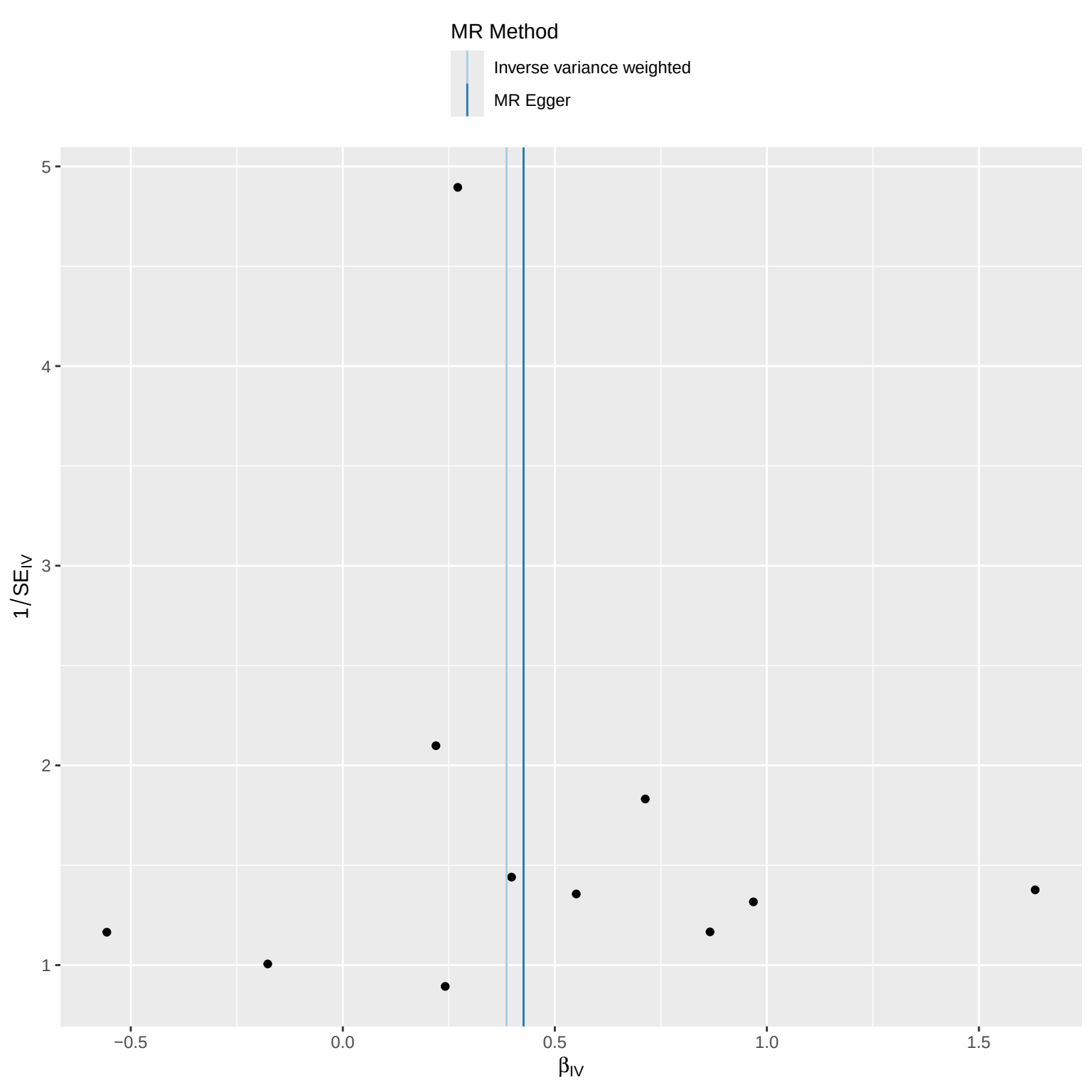

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

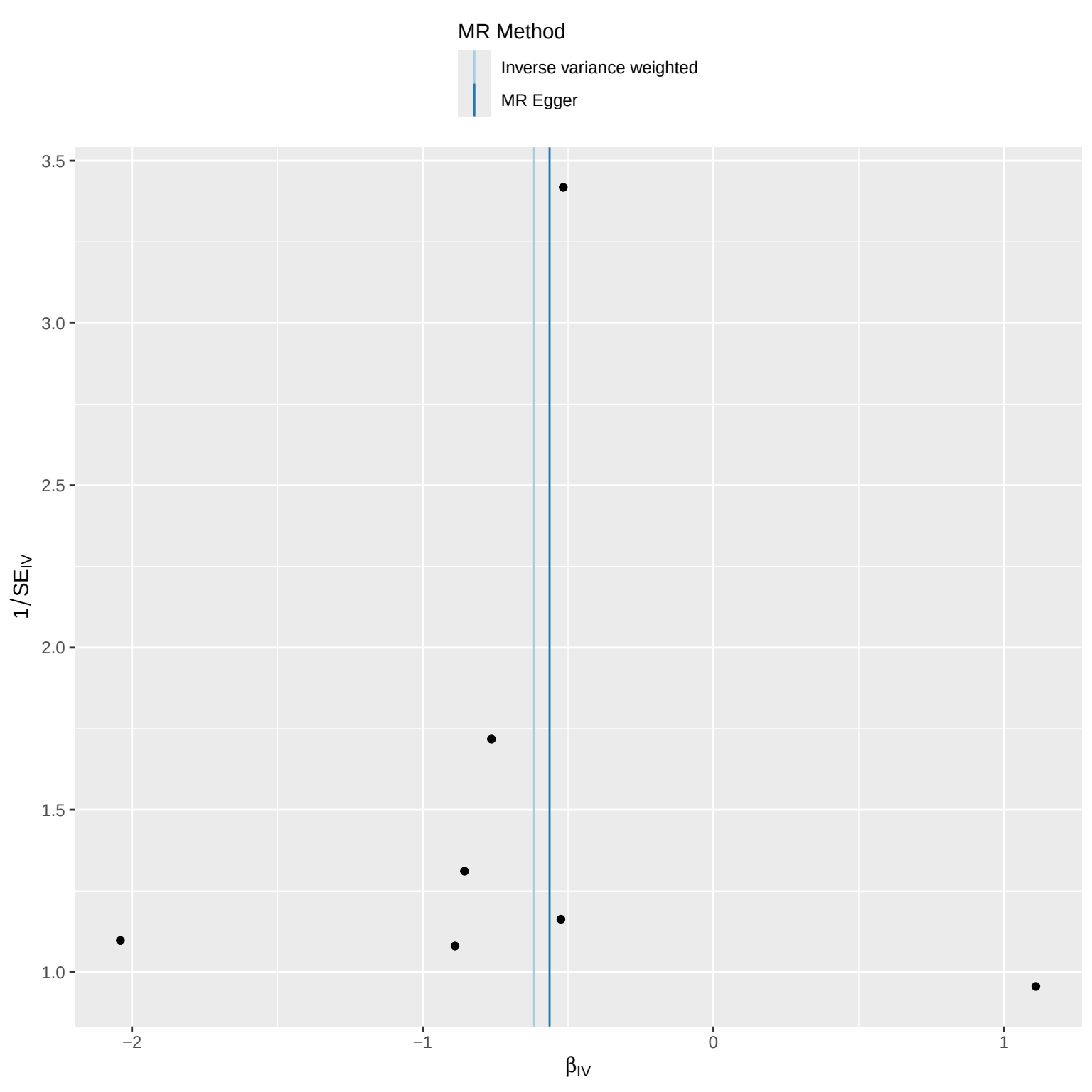

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

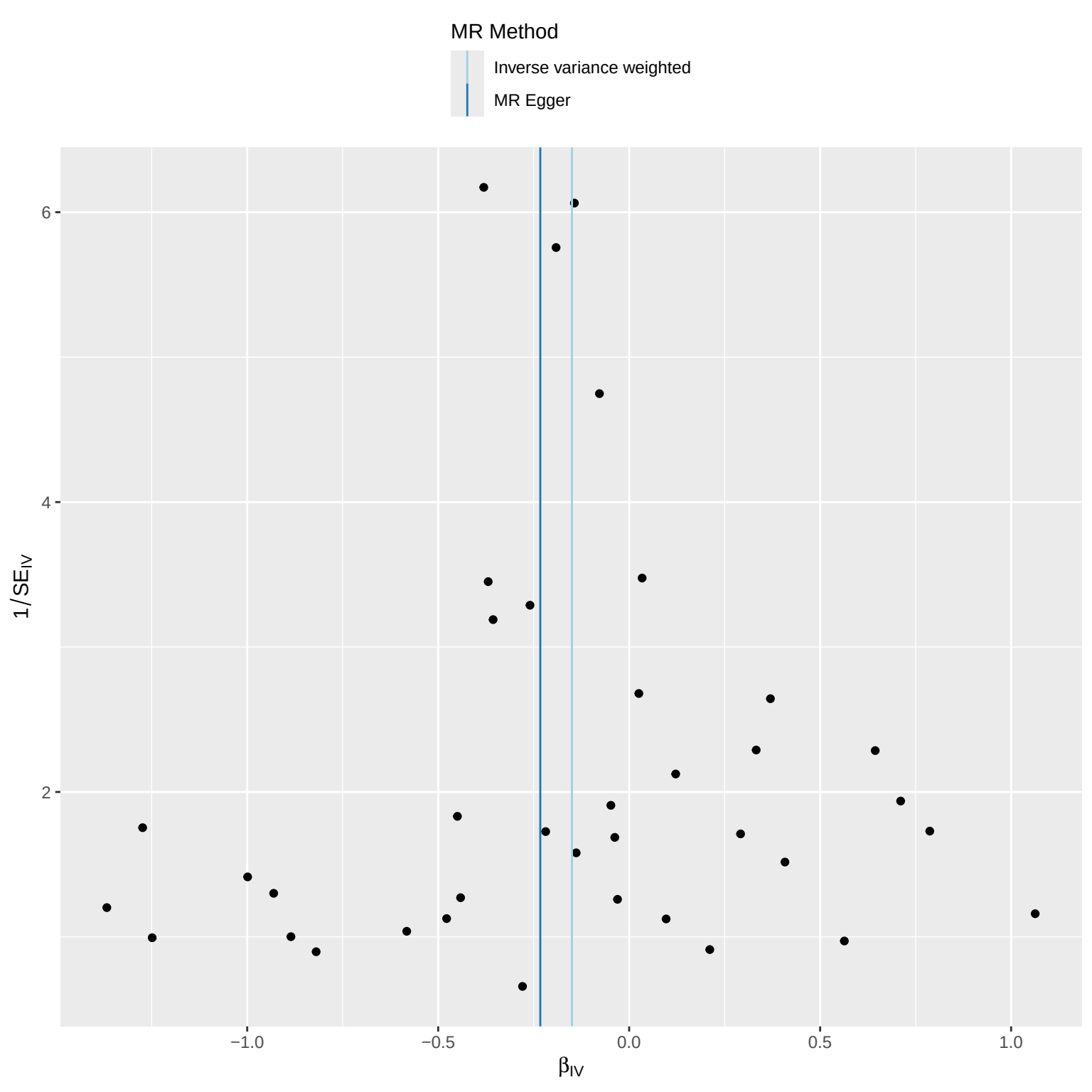

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.0
−0.5
β_IV

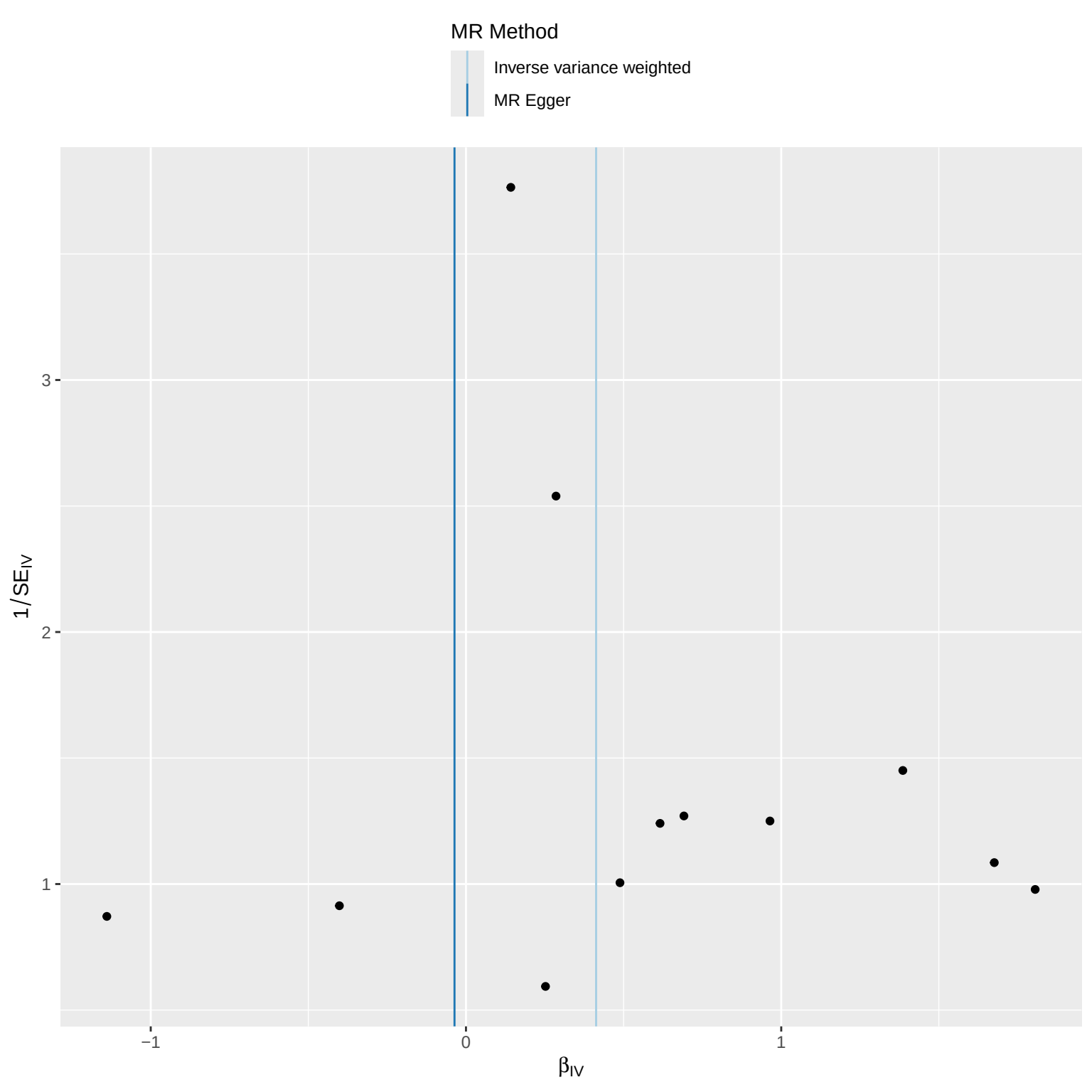

MR Method
Inverse variance weighted
MR Egger
2.0
1.8
1.6
1.4
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

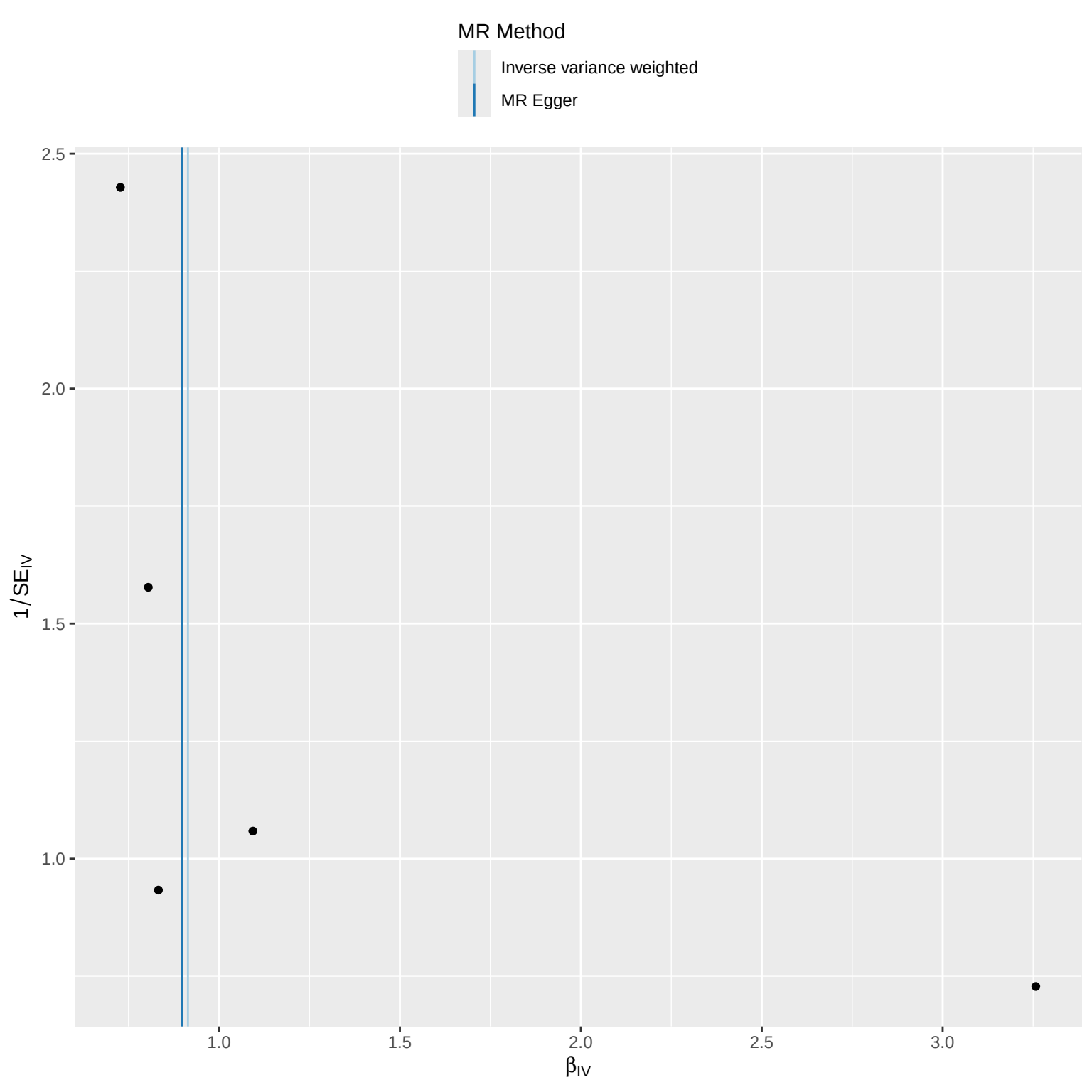

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
−2
−1
0
β_IV

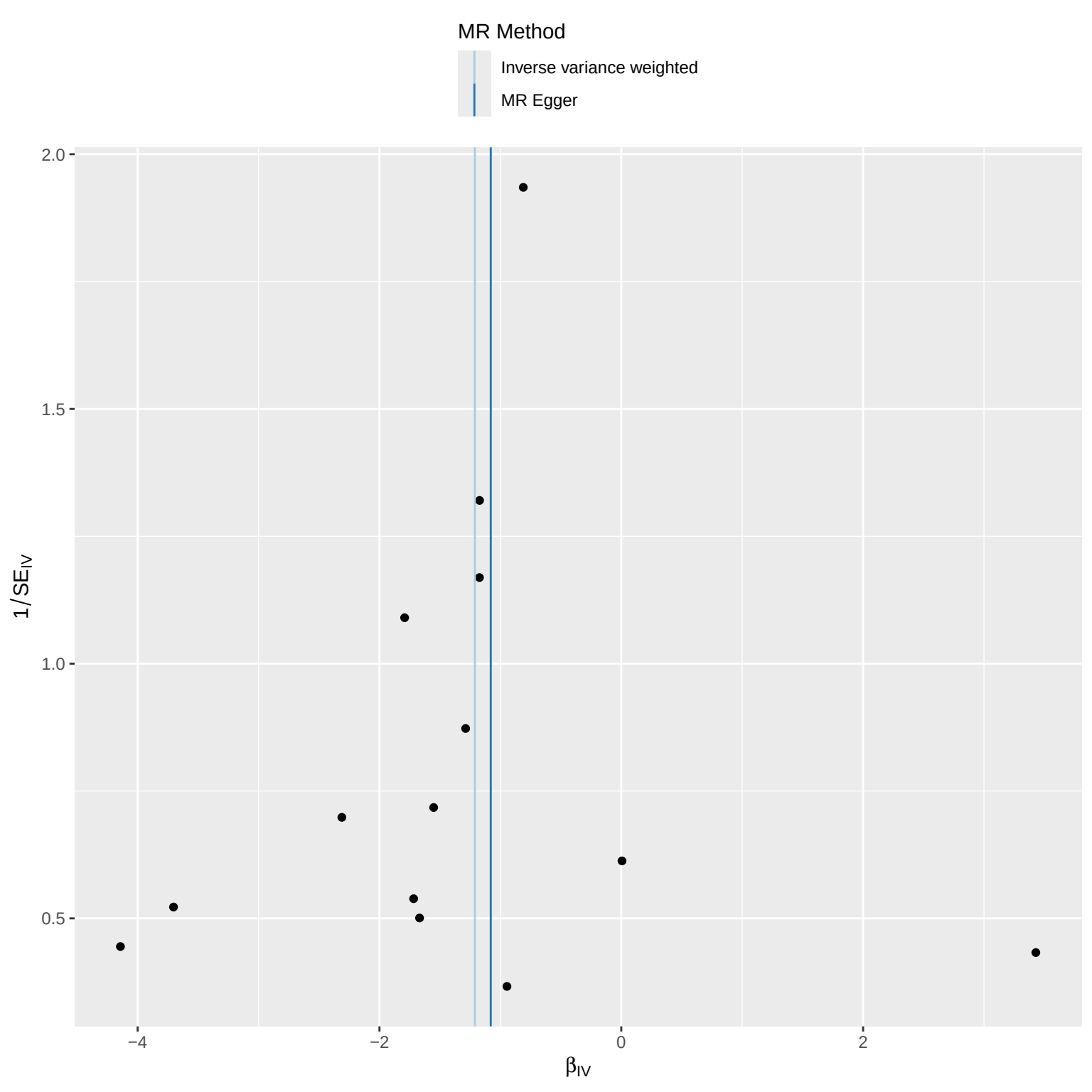

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

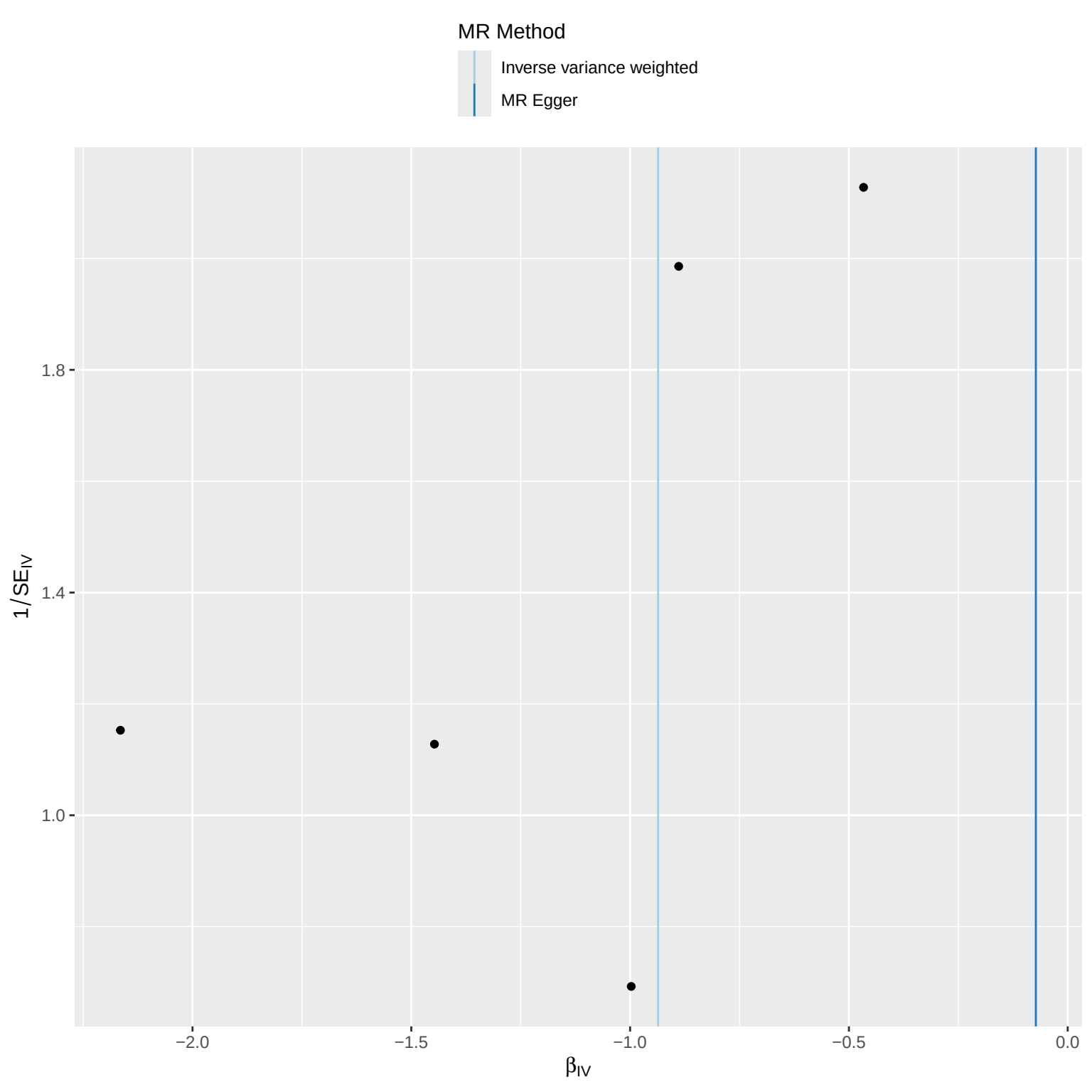

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

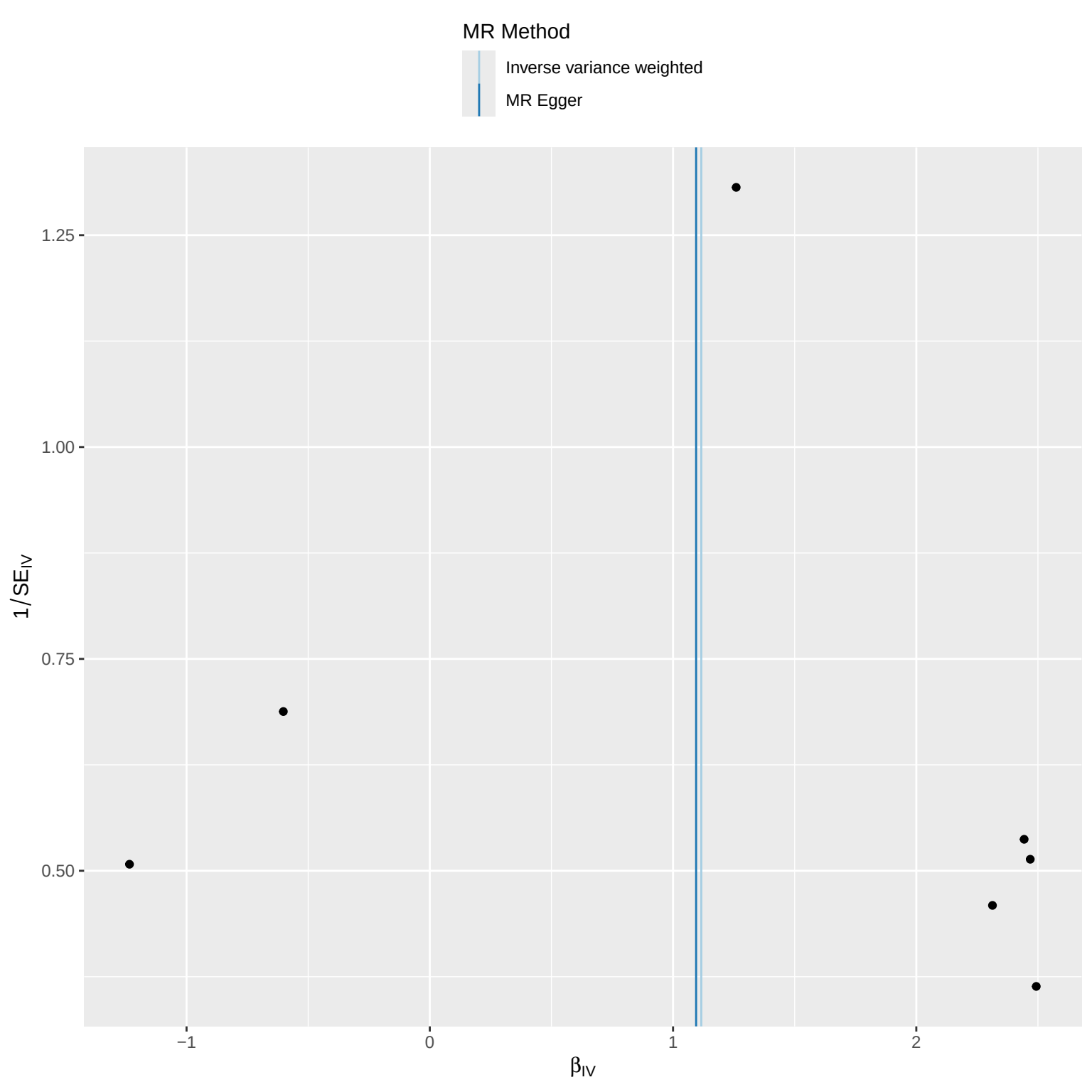

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

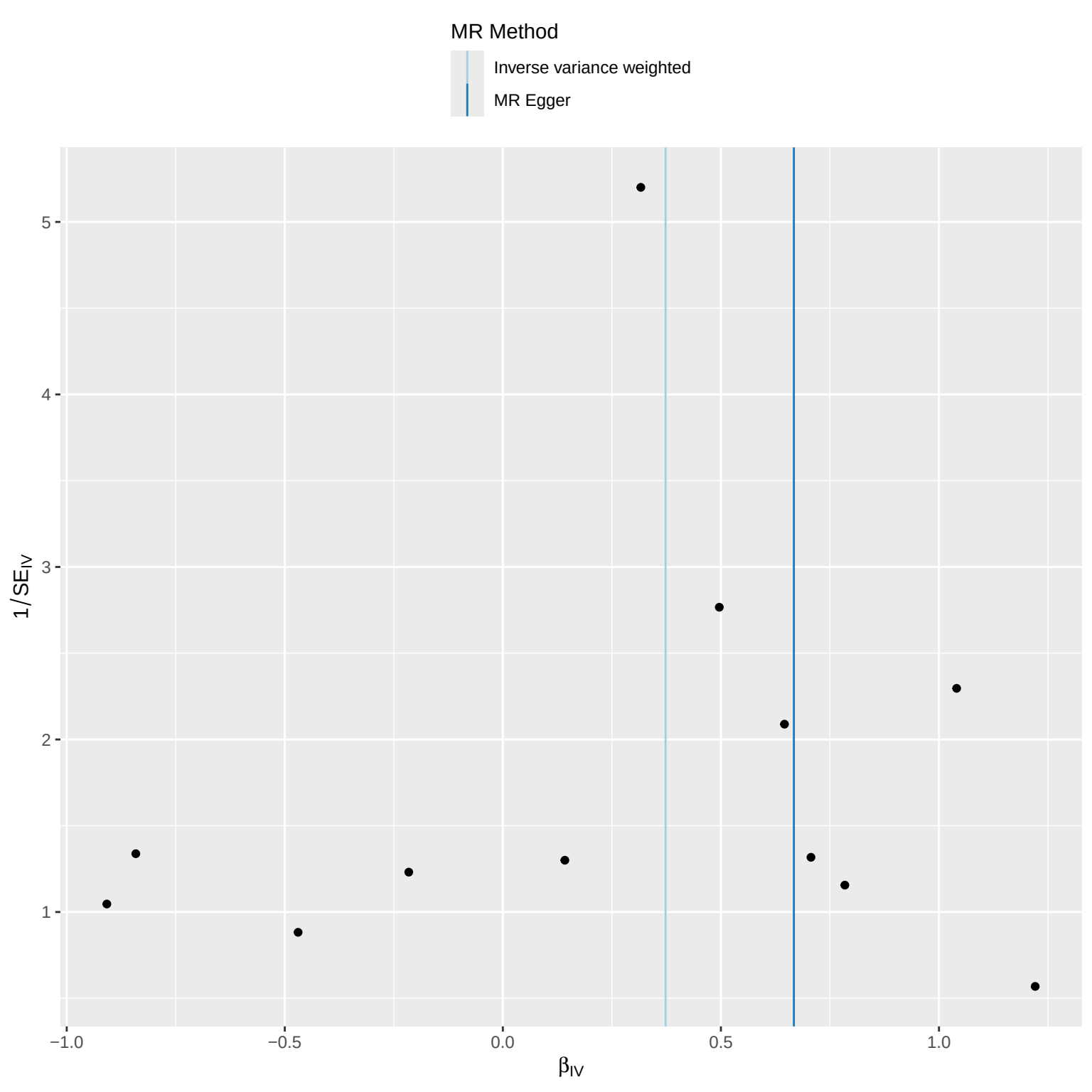

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

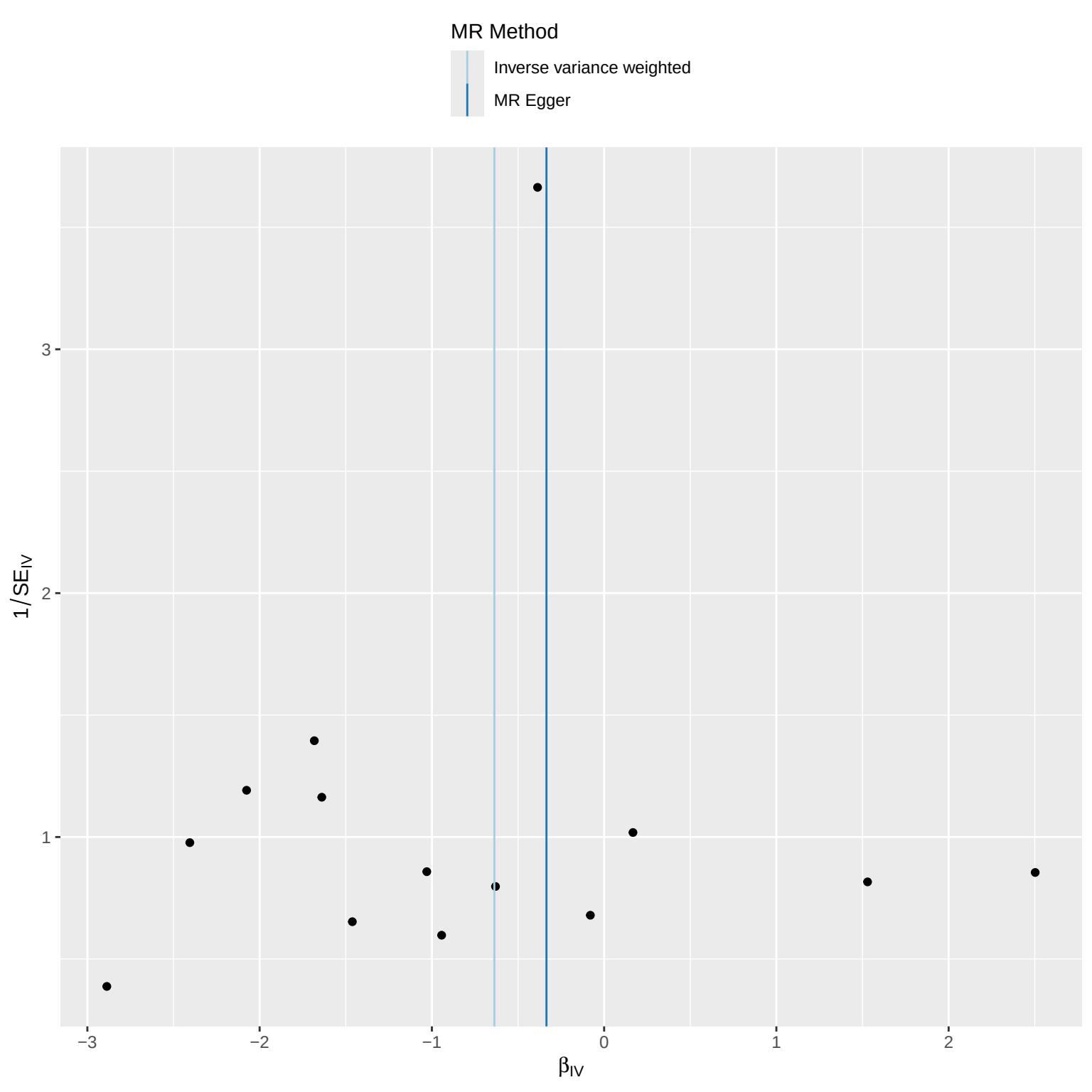

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
1.0
1.5
2.0
2.5
3.0
β_IV

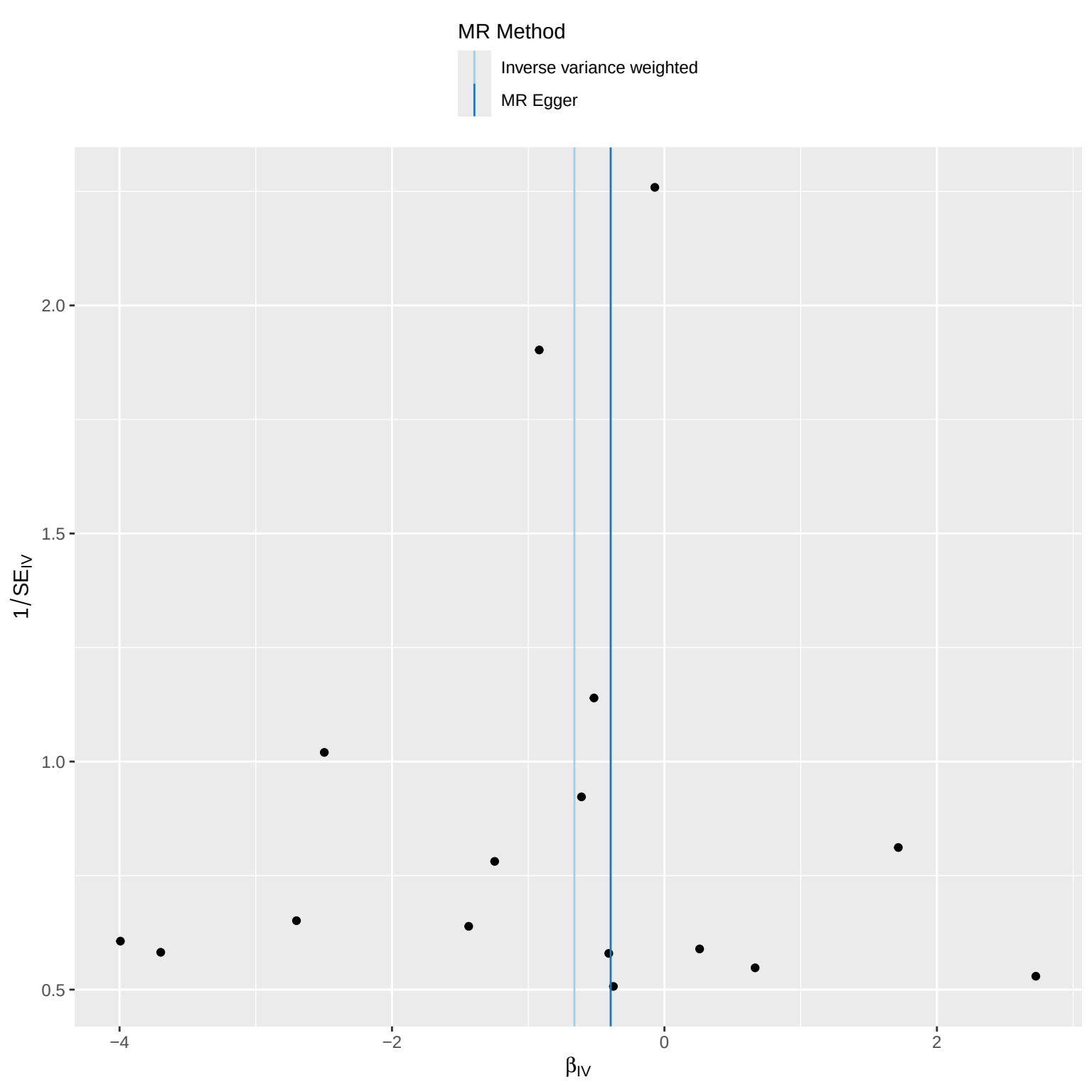

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

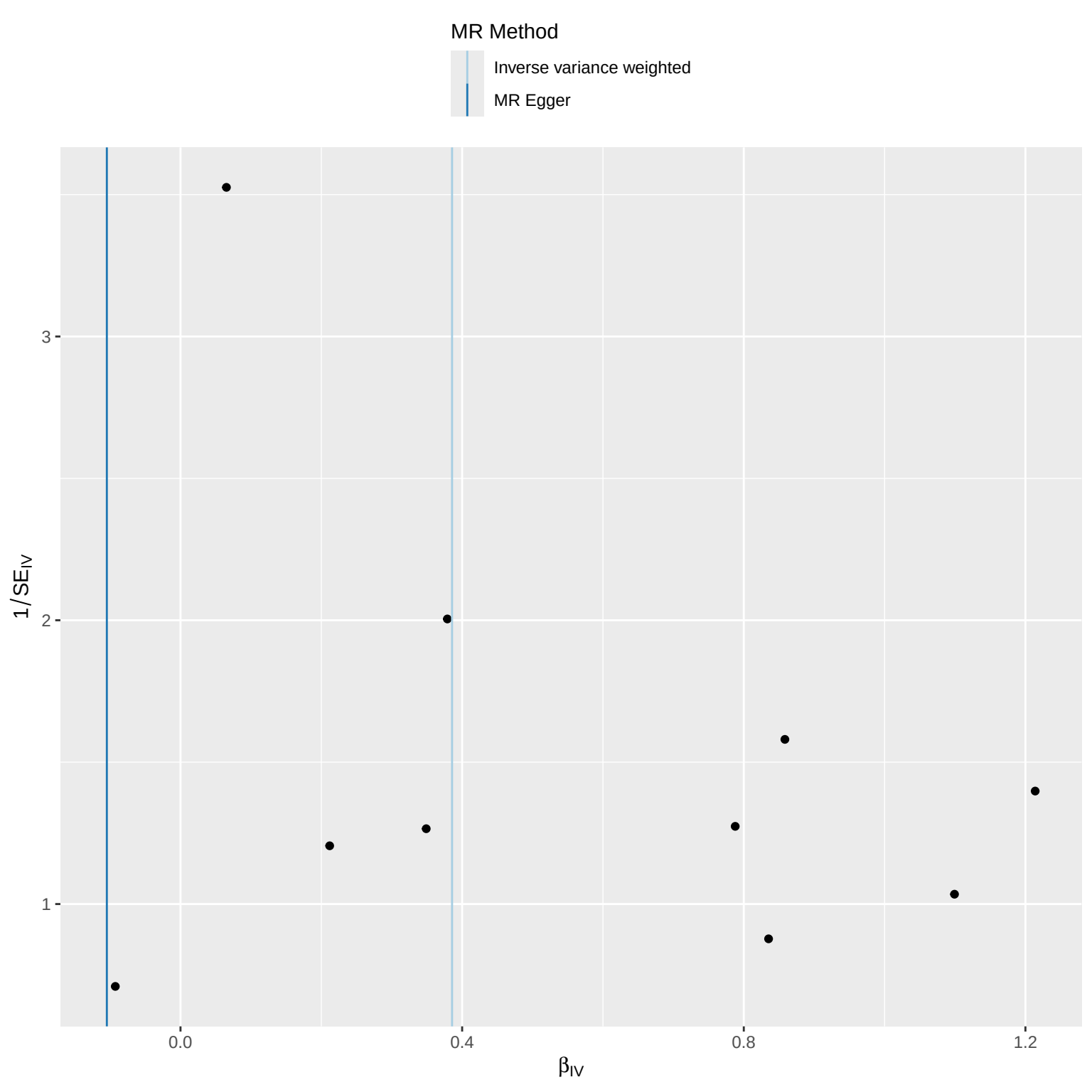

MR Method
Inverse variance weighted
MR Egger
1.8
1.4
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

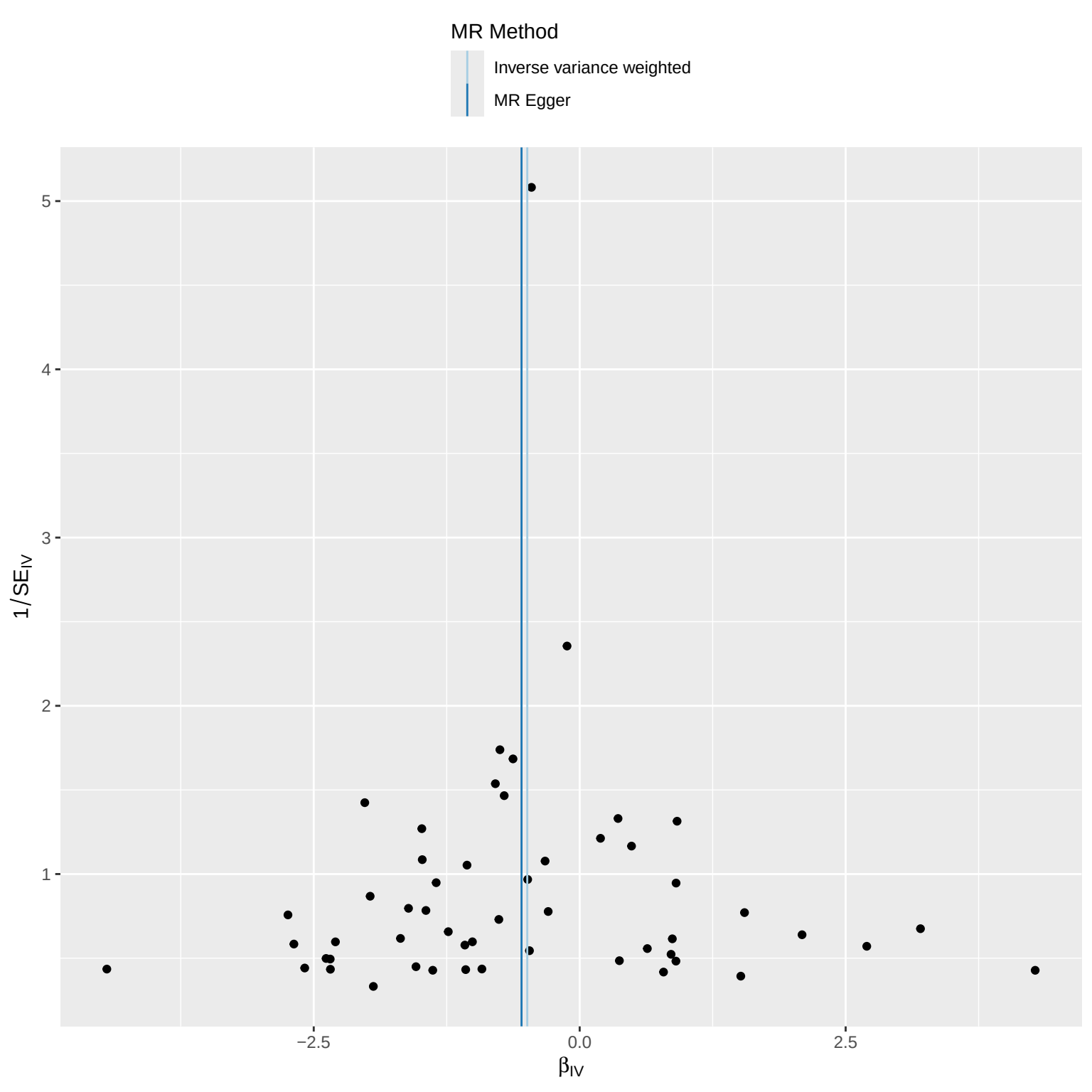

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
β_IV

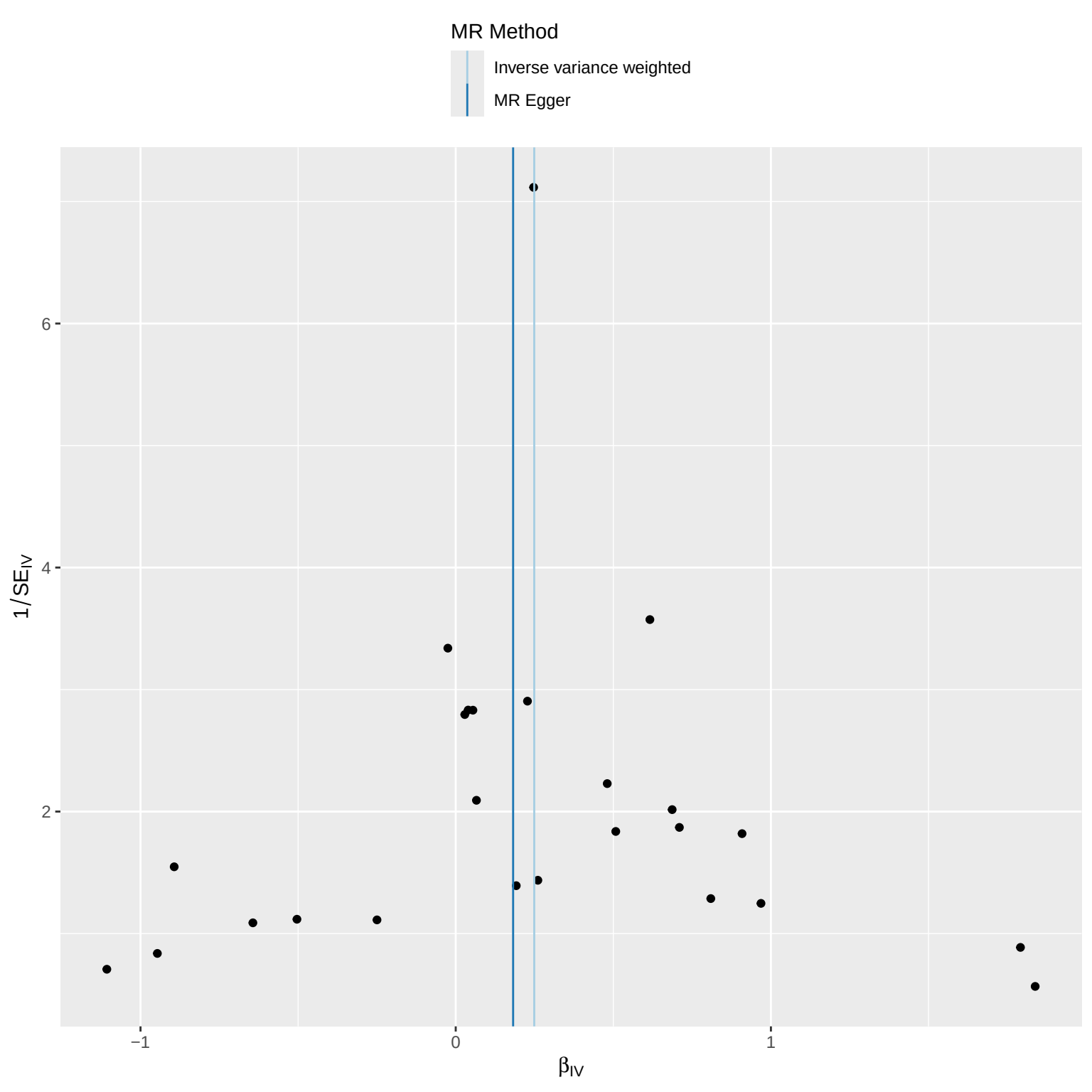

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

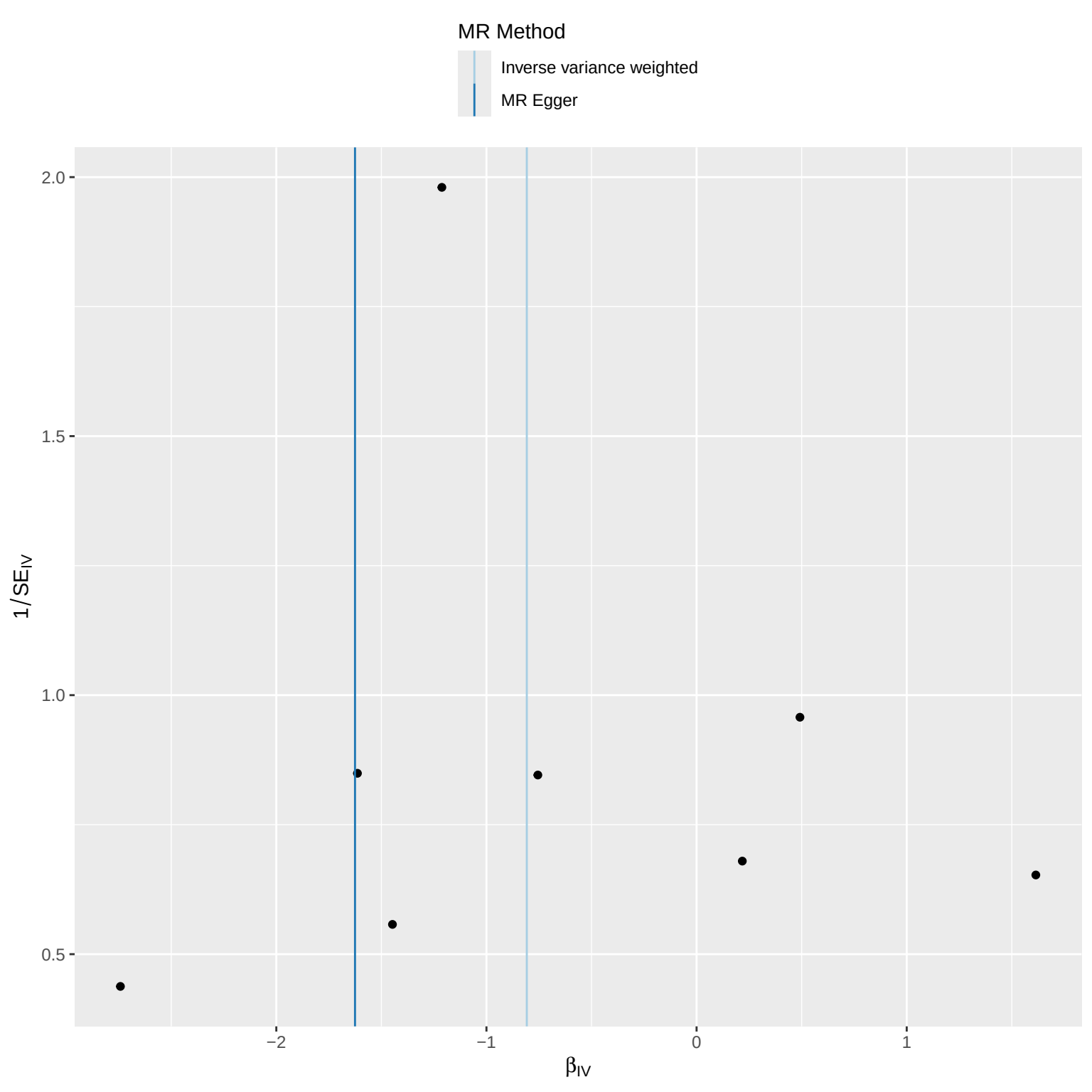

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

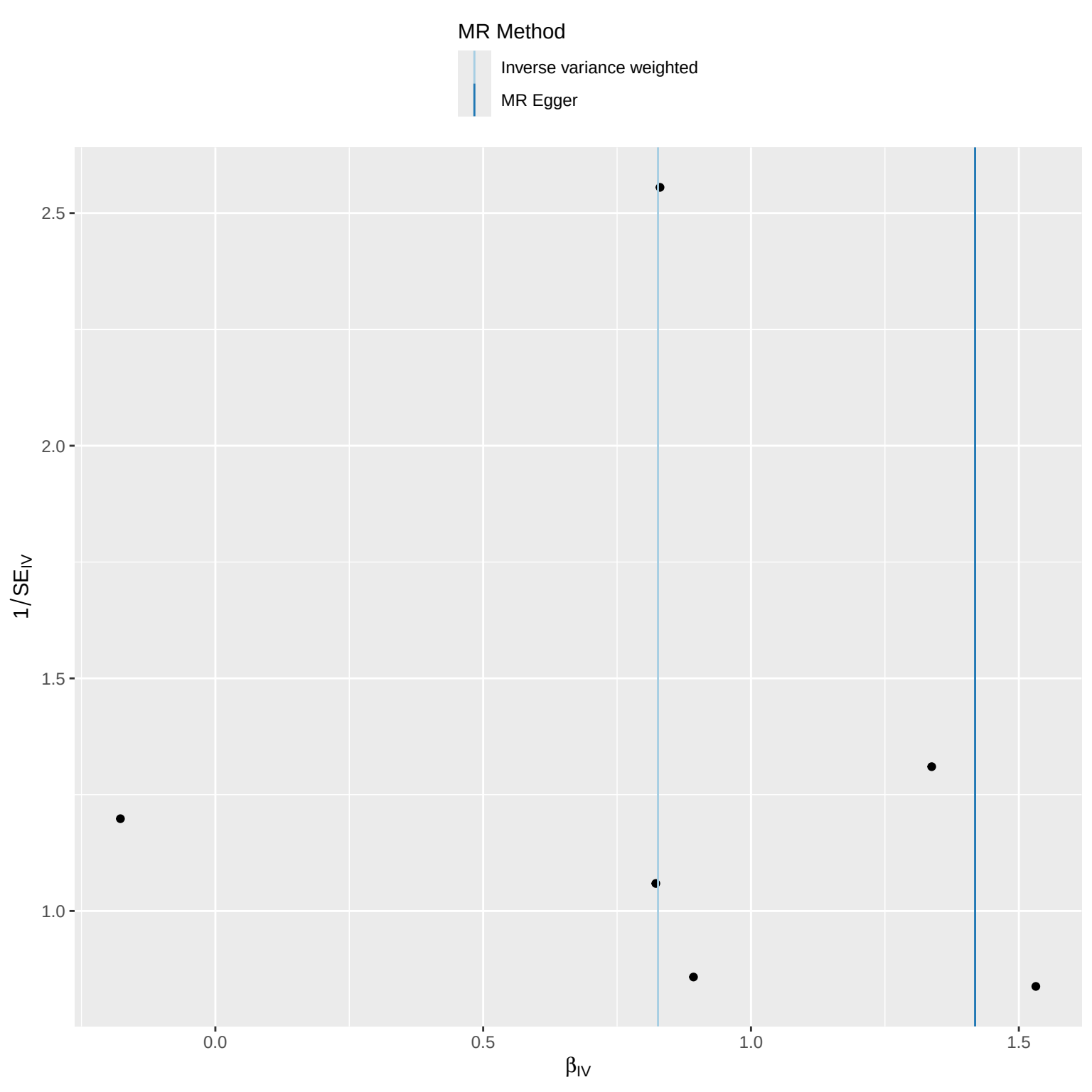

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

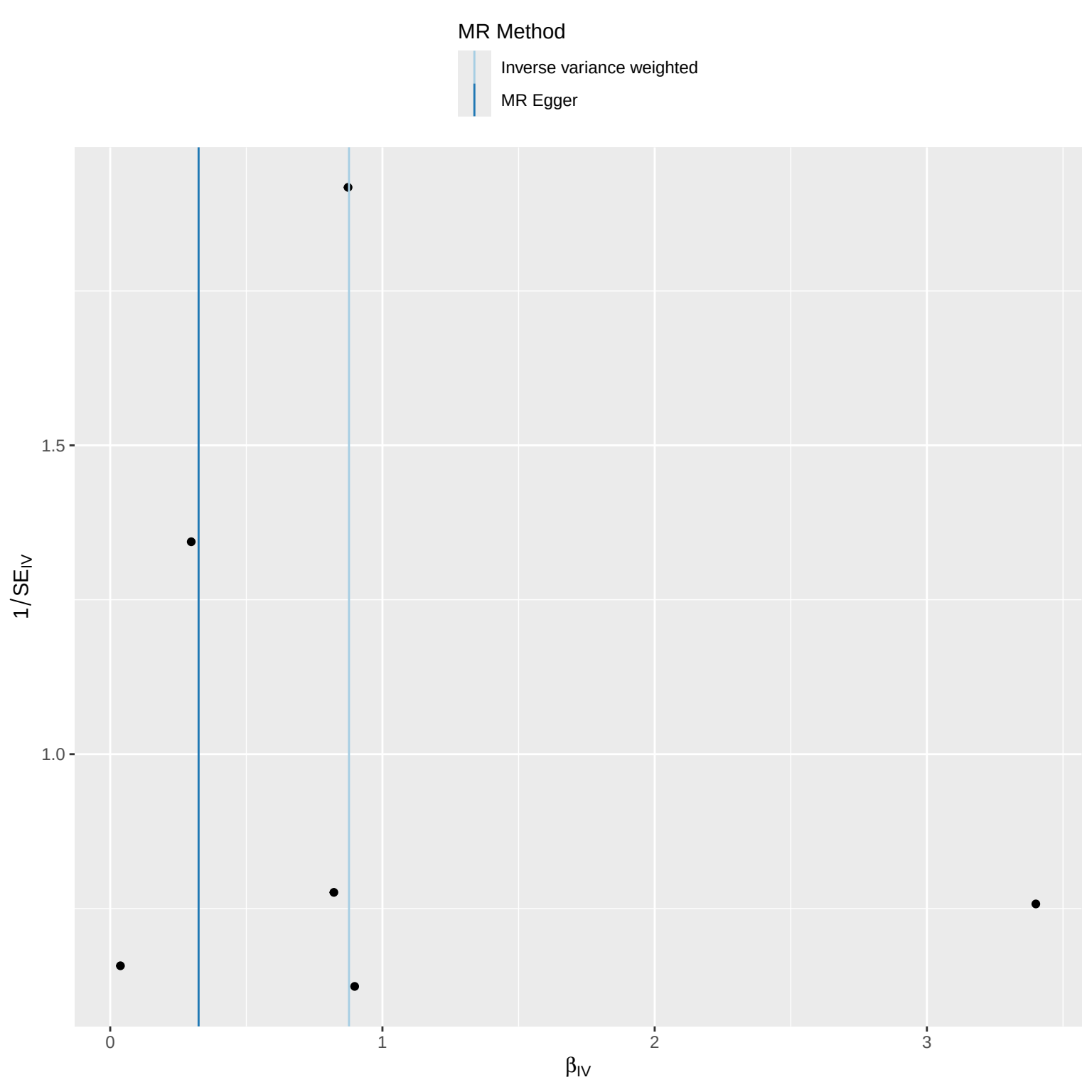

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

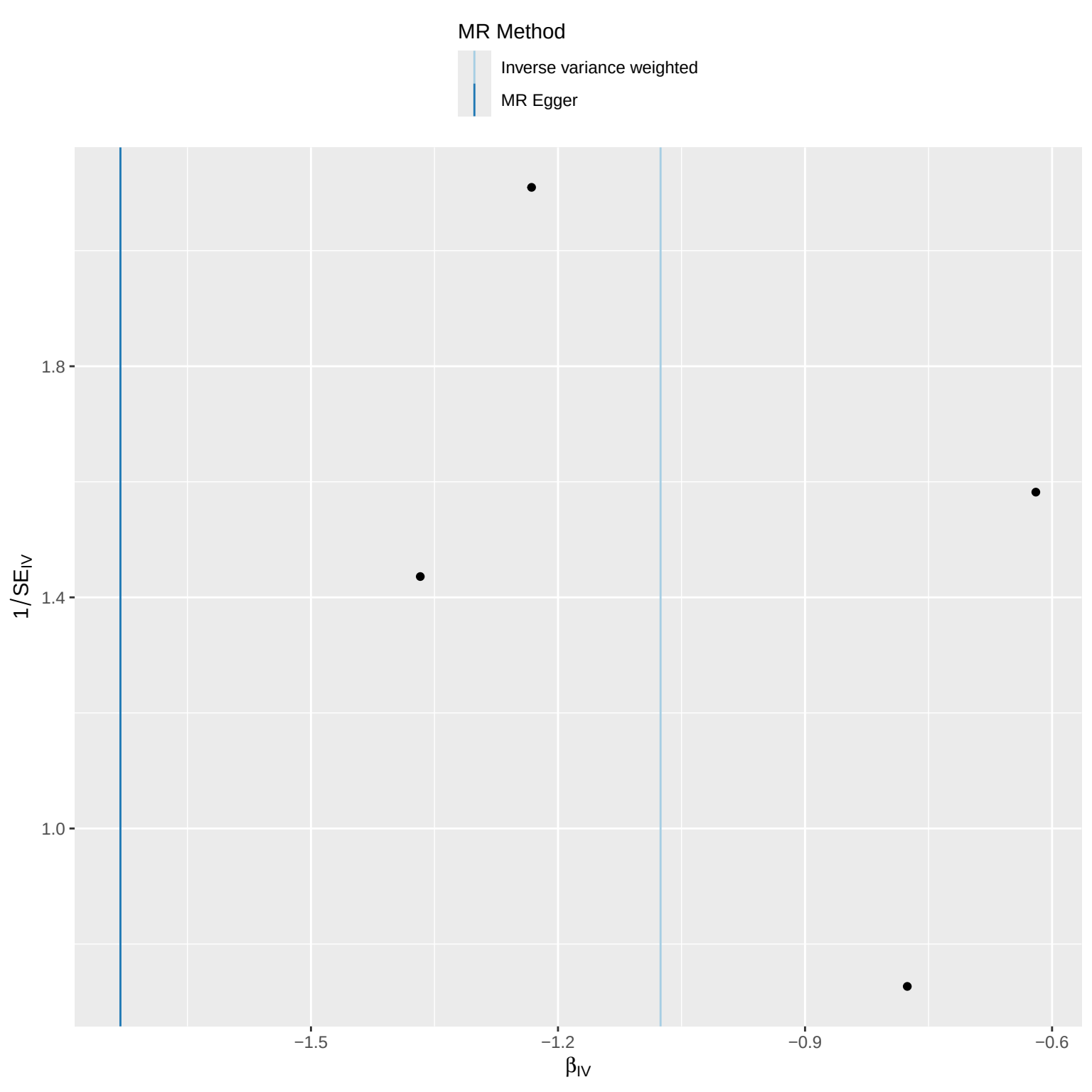

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

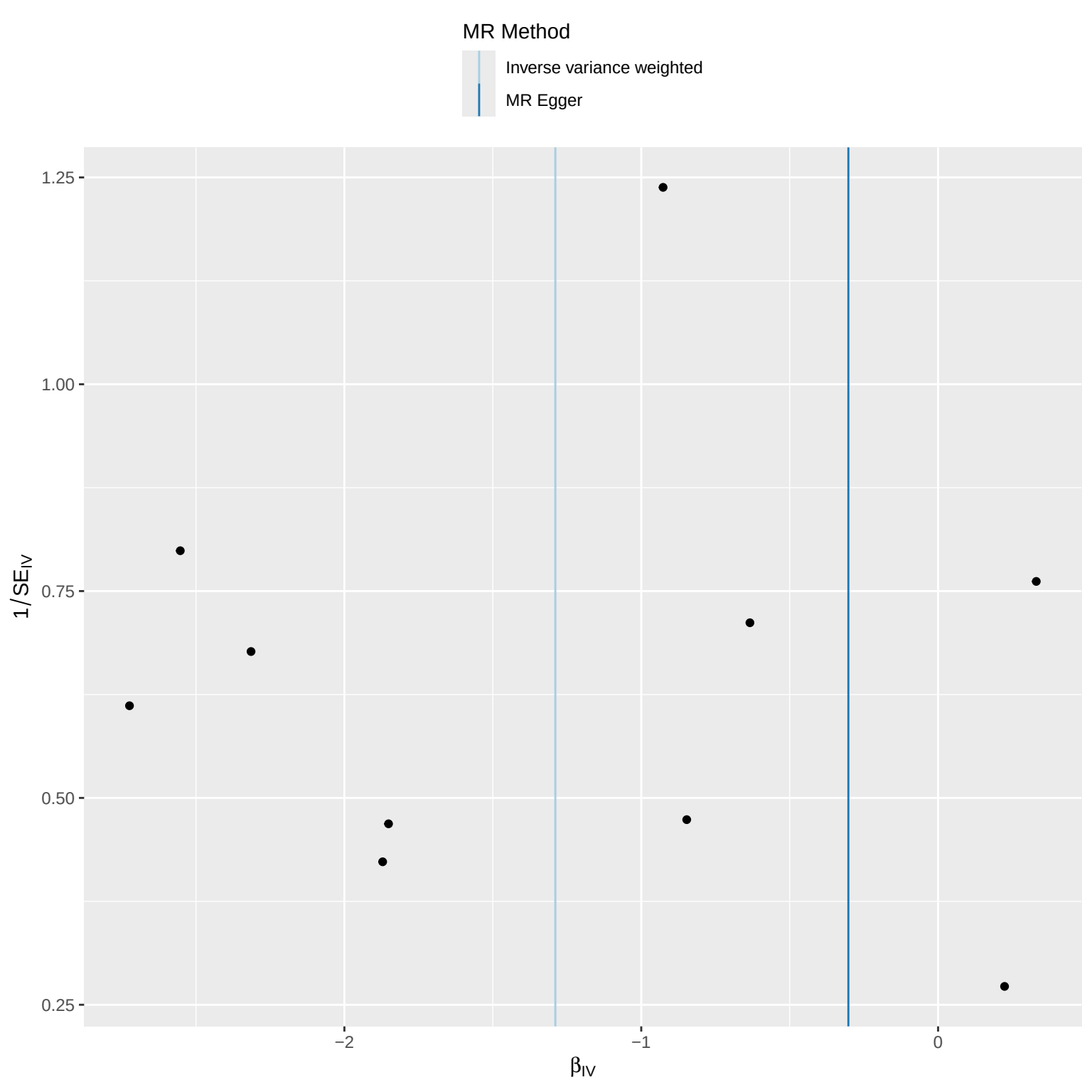

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

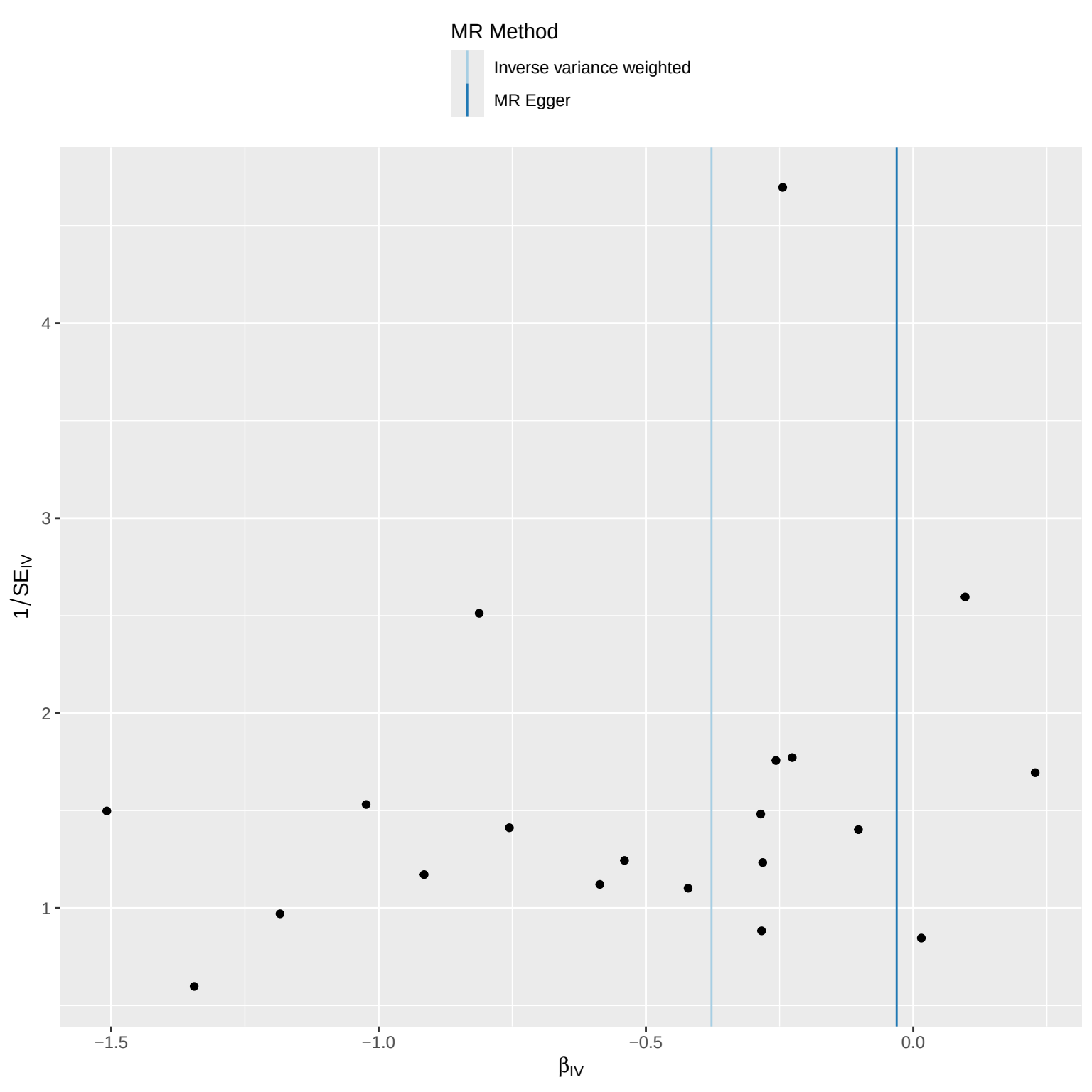

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

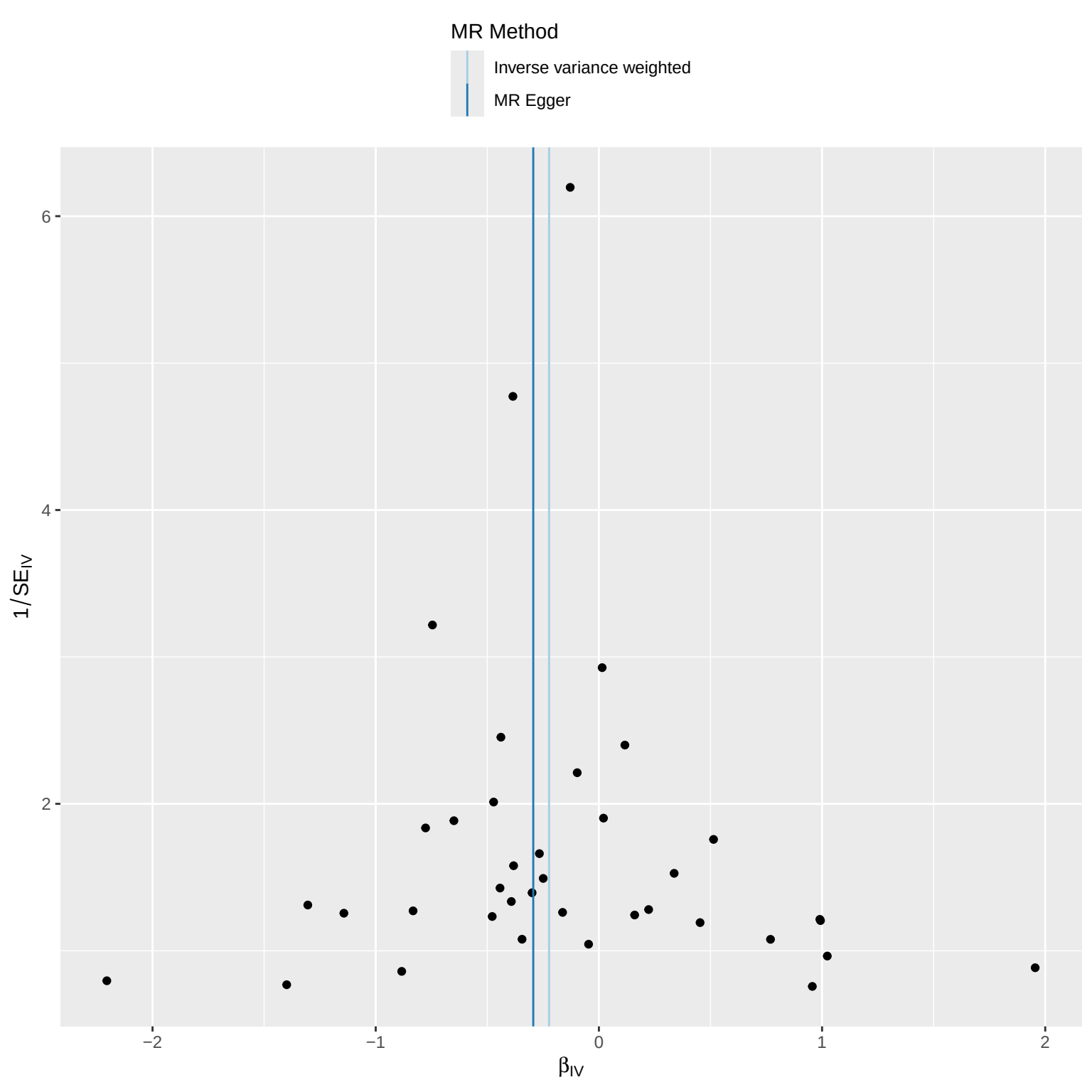

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

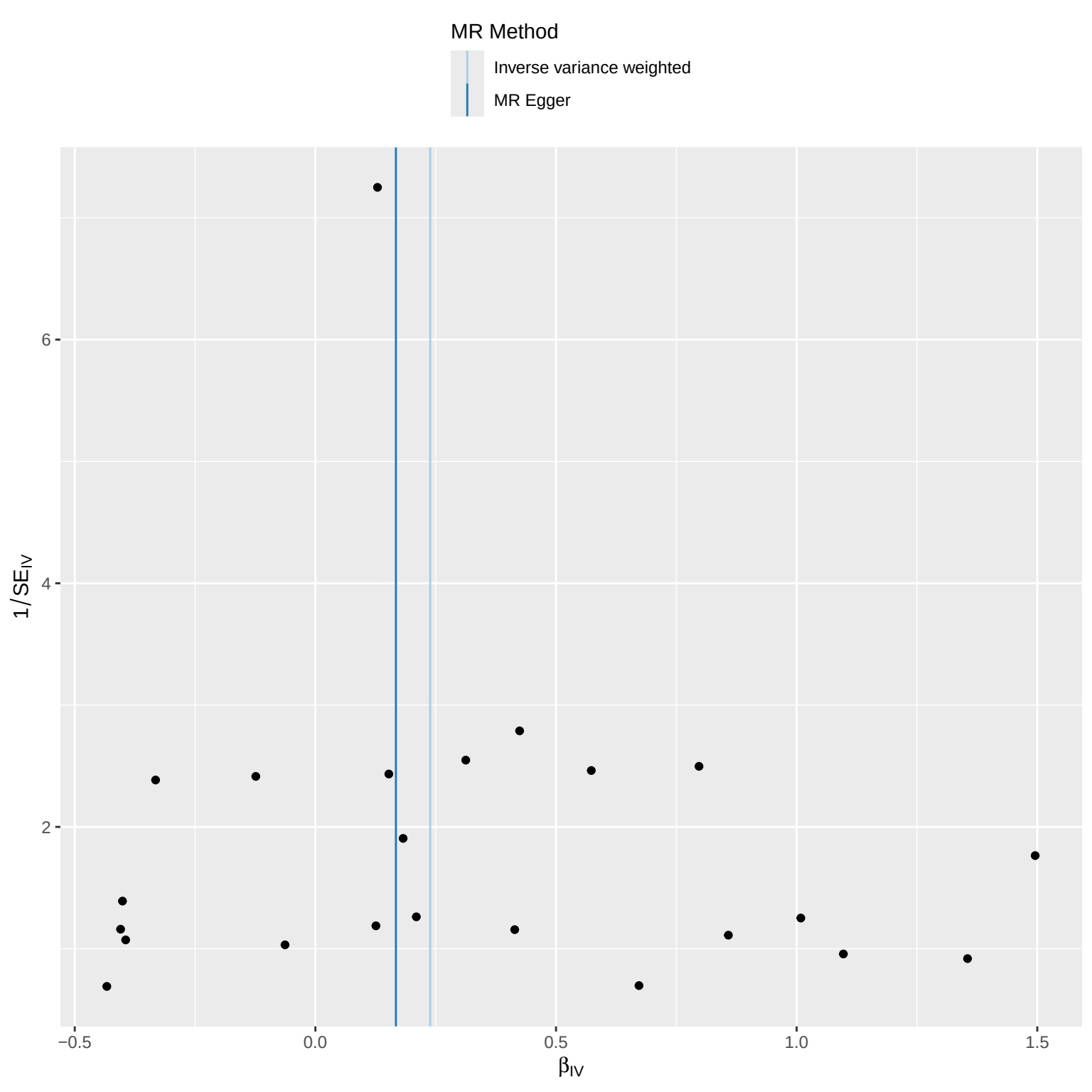

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
0
1
2
3
β_IV

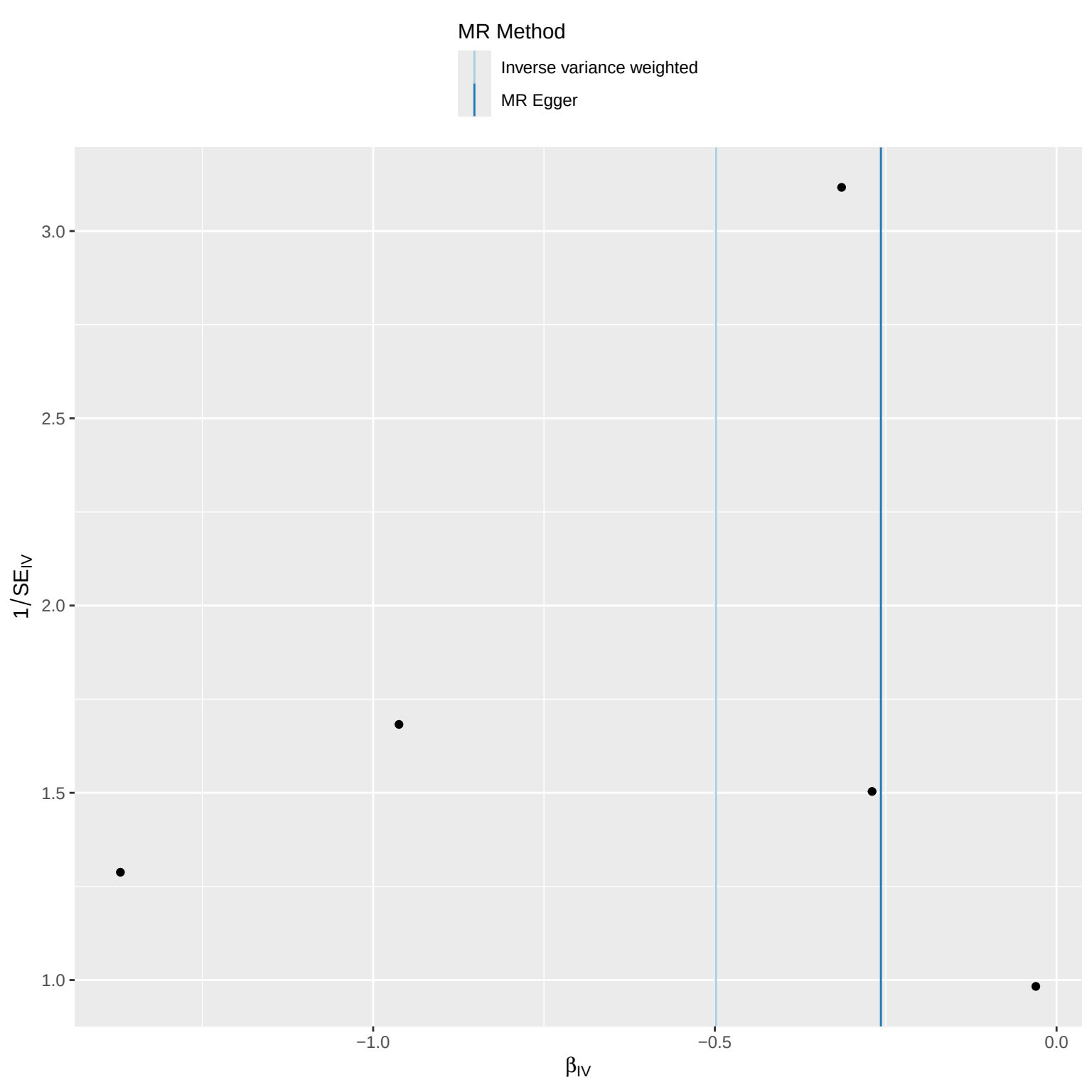

MR Method
Inverse variance weighted
MR Egger
1.8
1.4
1.0
1/SE_IV
−1.5
−1.2
−0.9
−0.6
β_IV

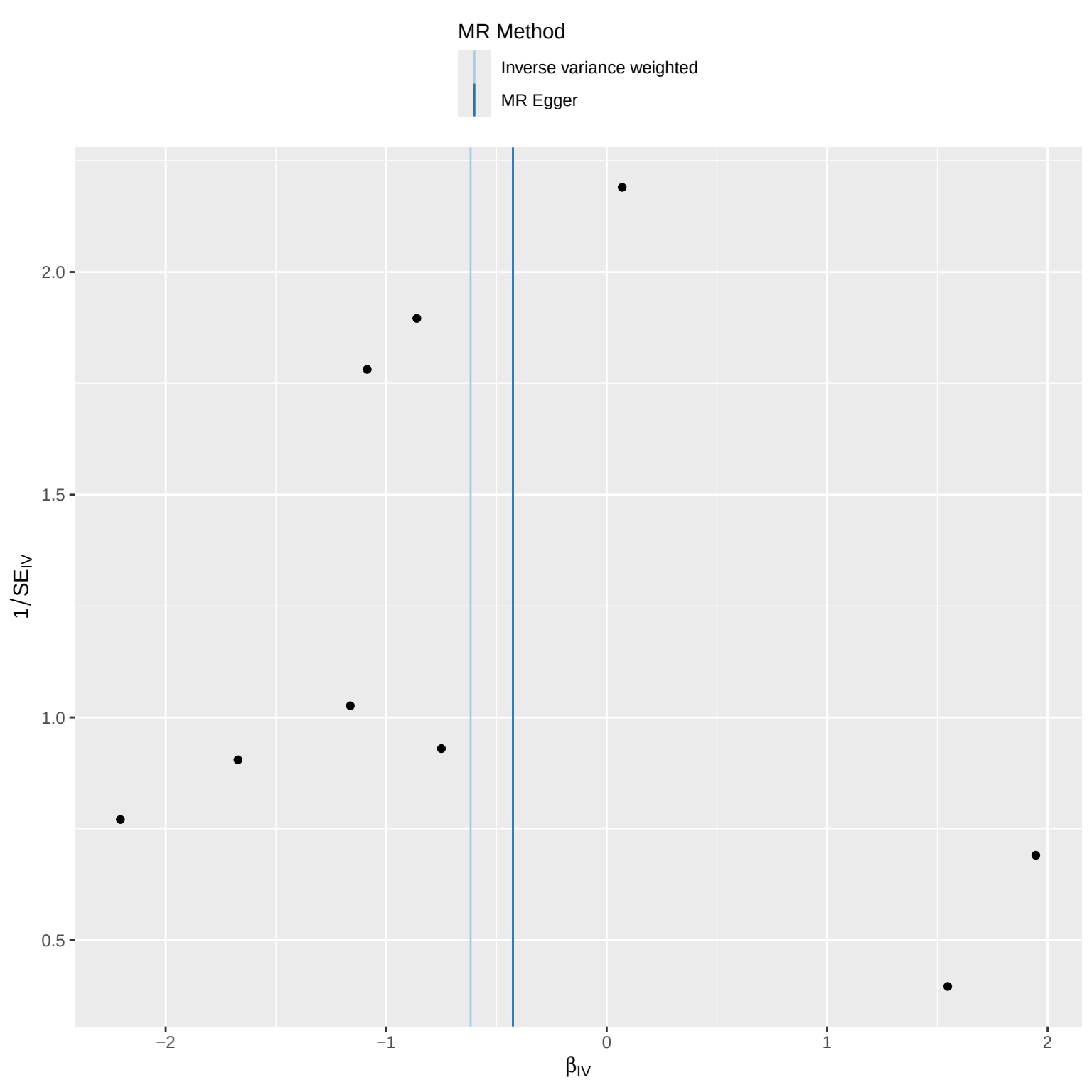

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
−1
0
β_IV

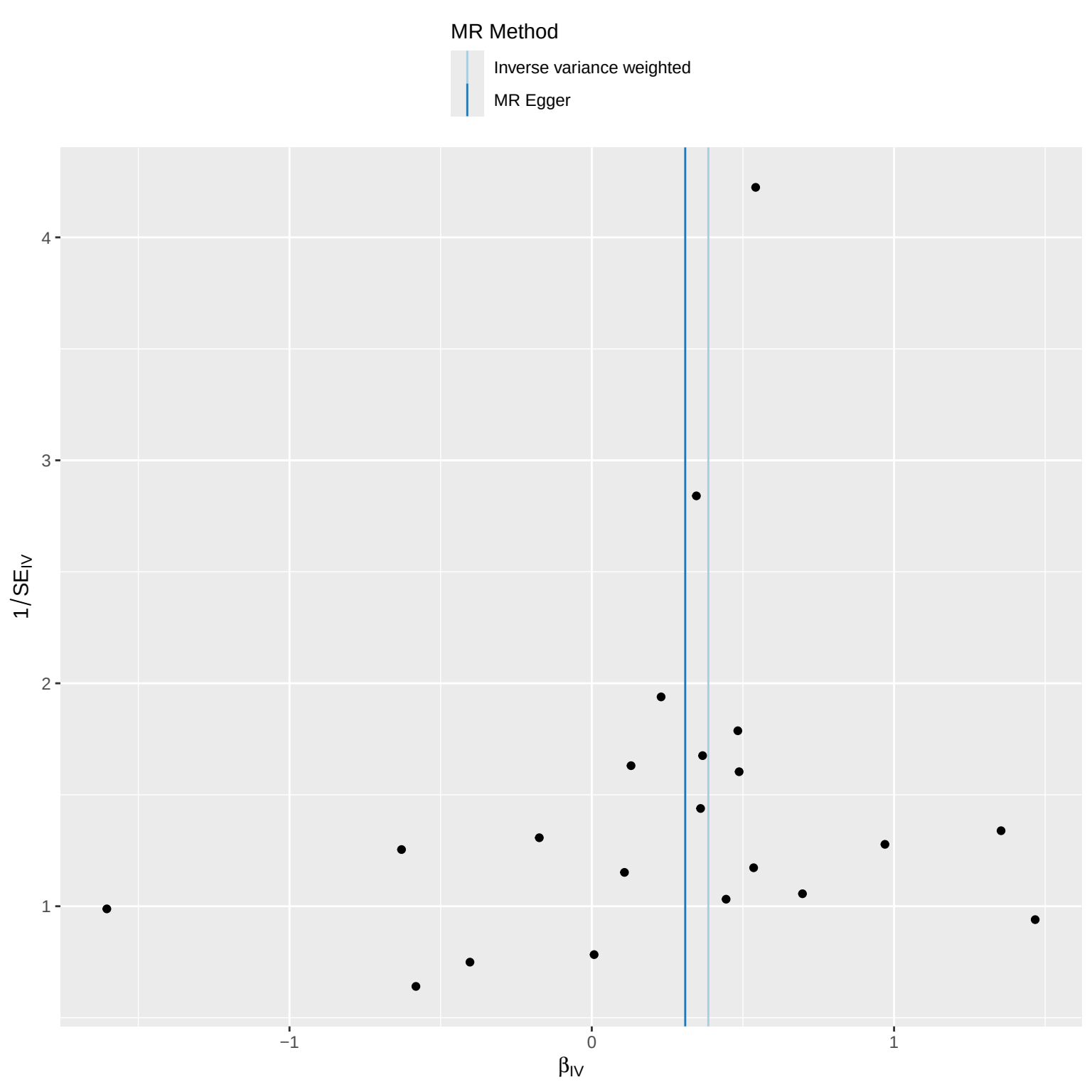

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

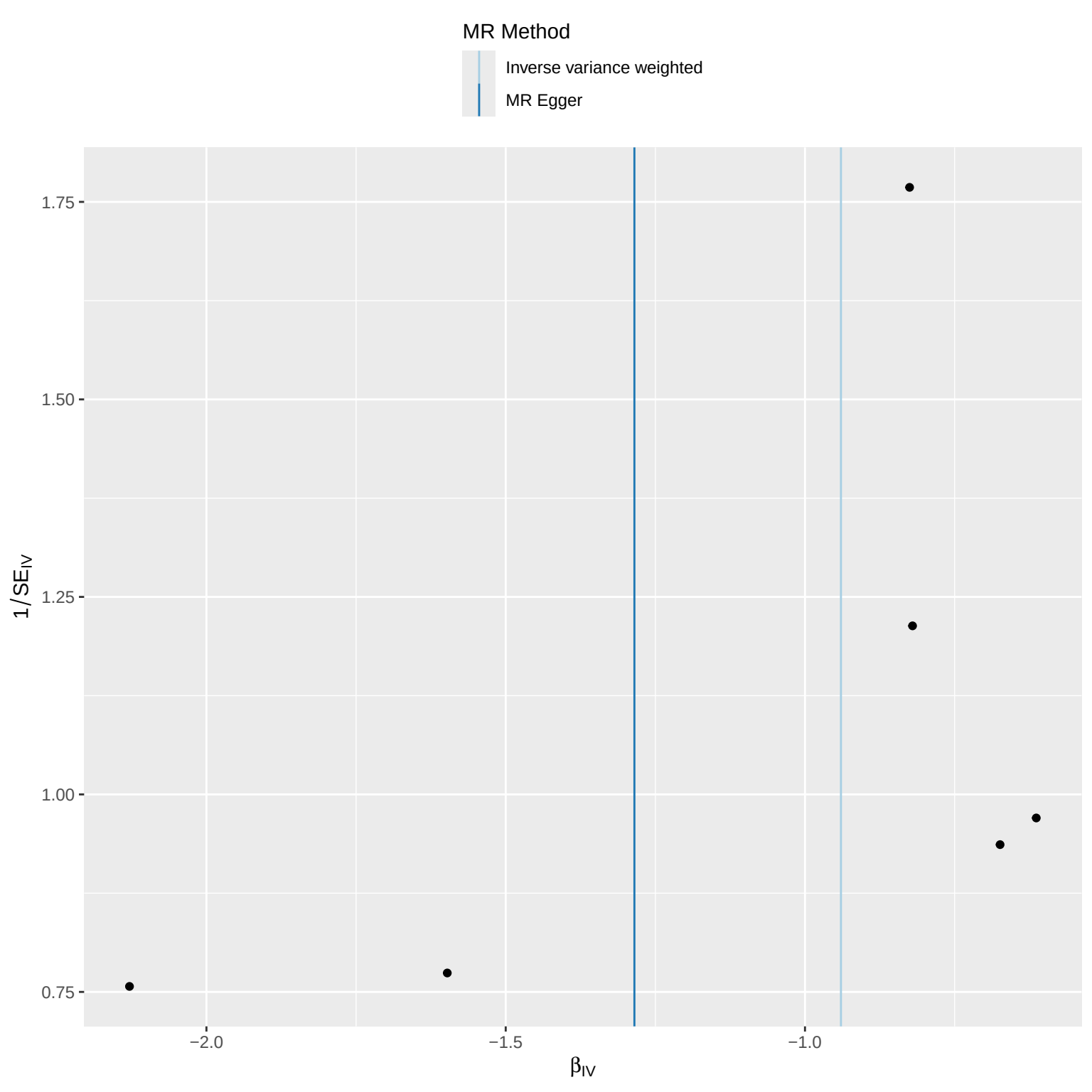

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

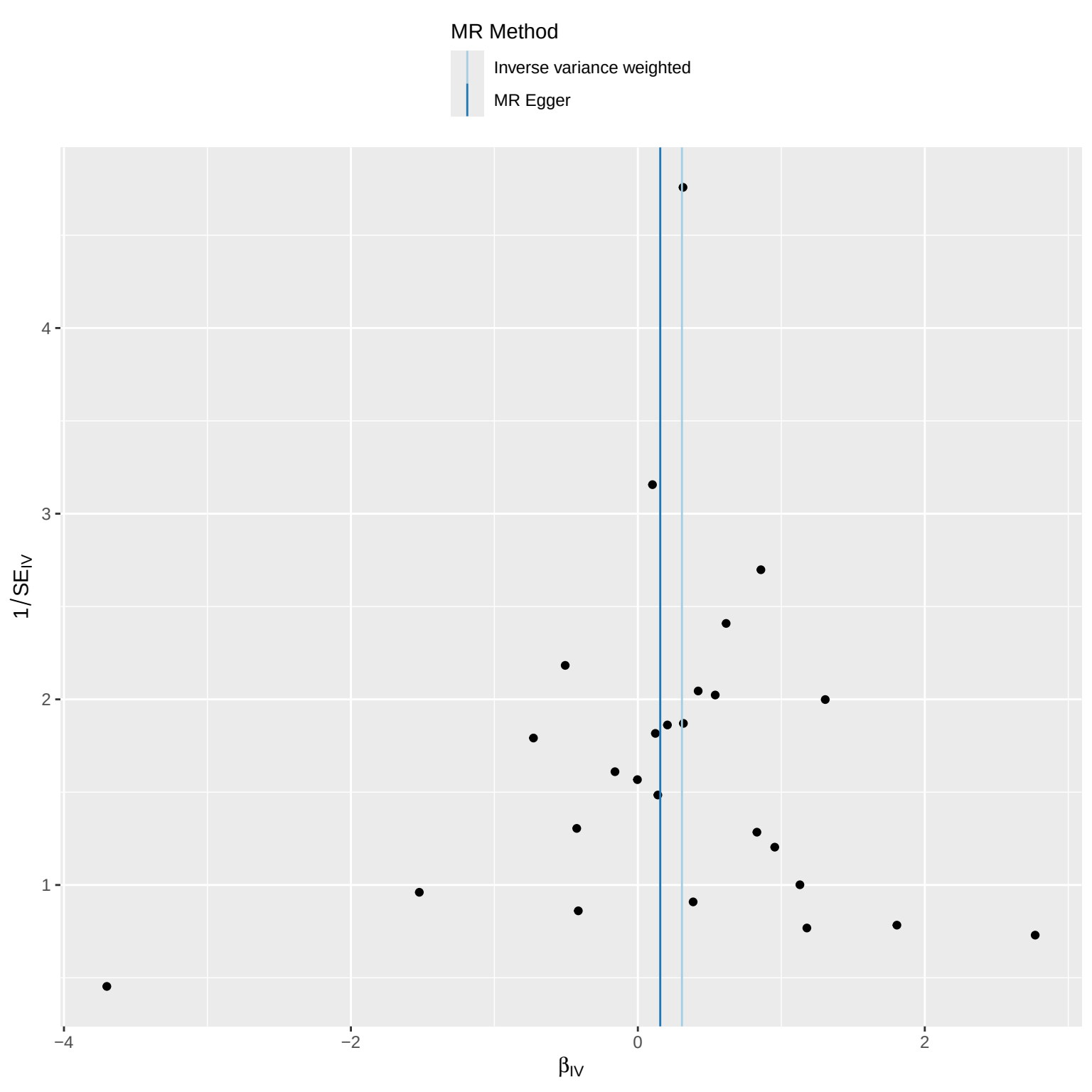

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

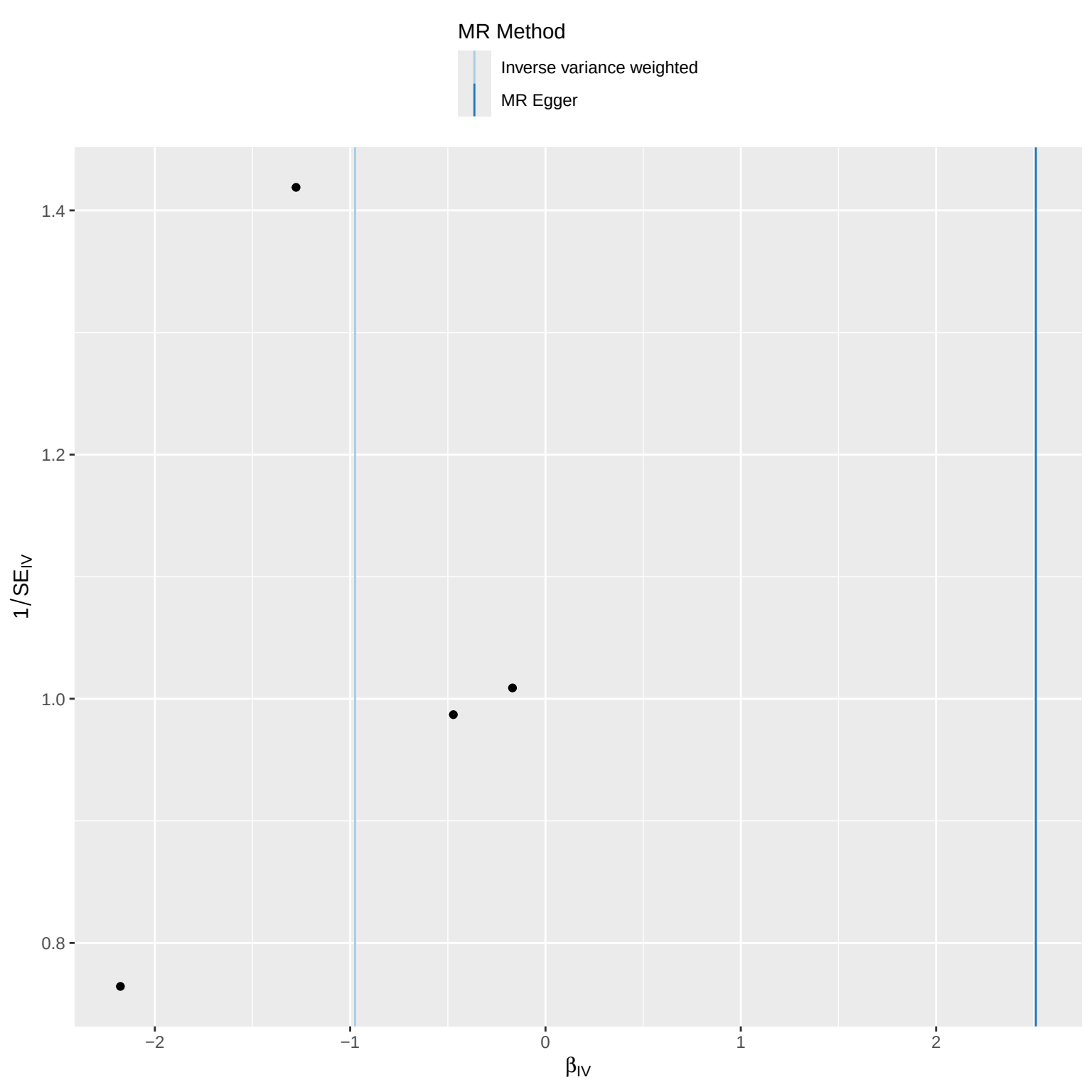

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

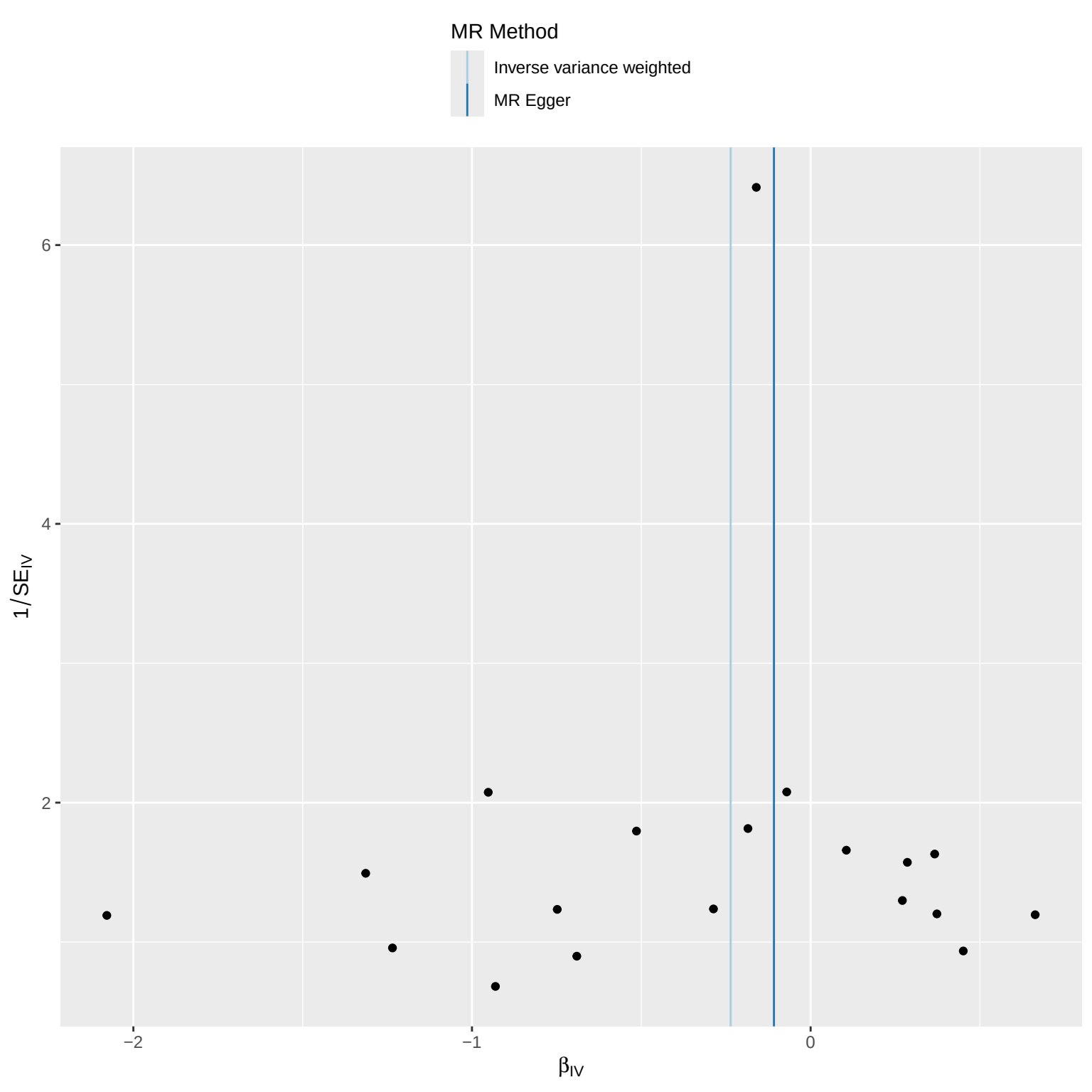

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

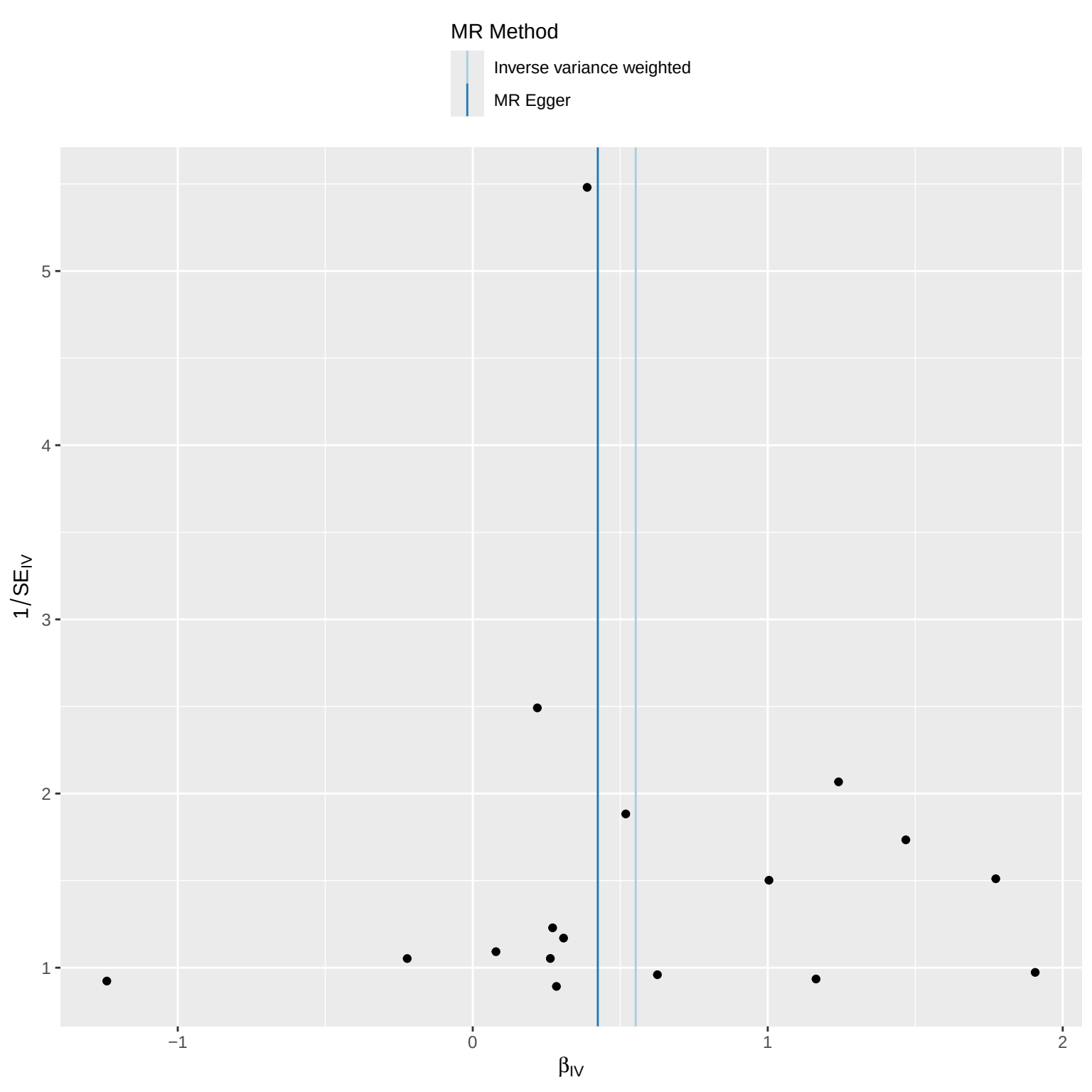

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

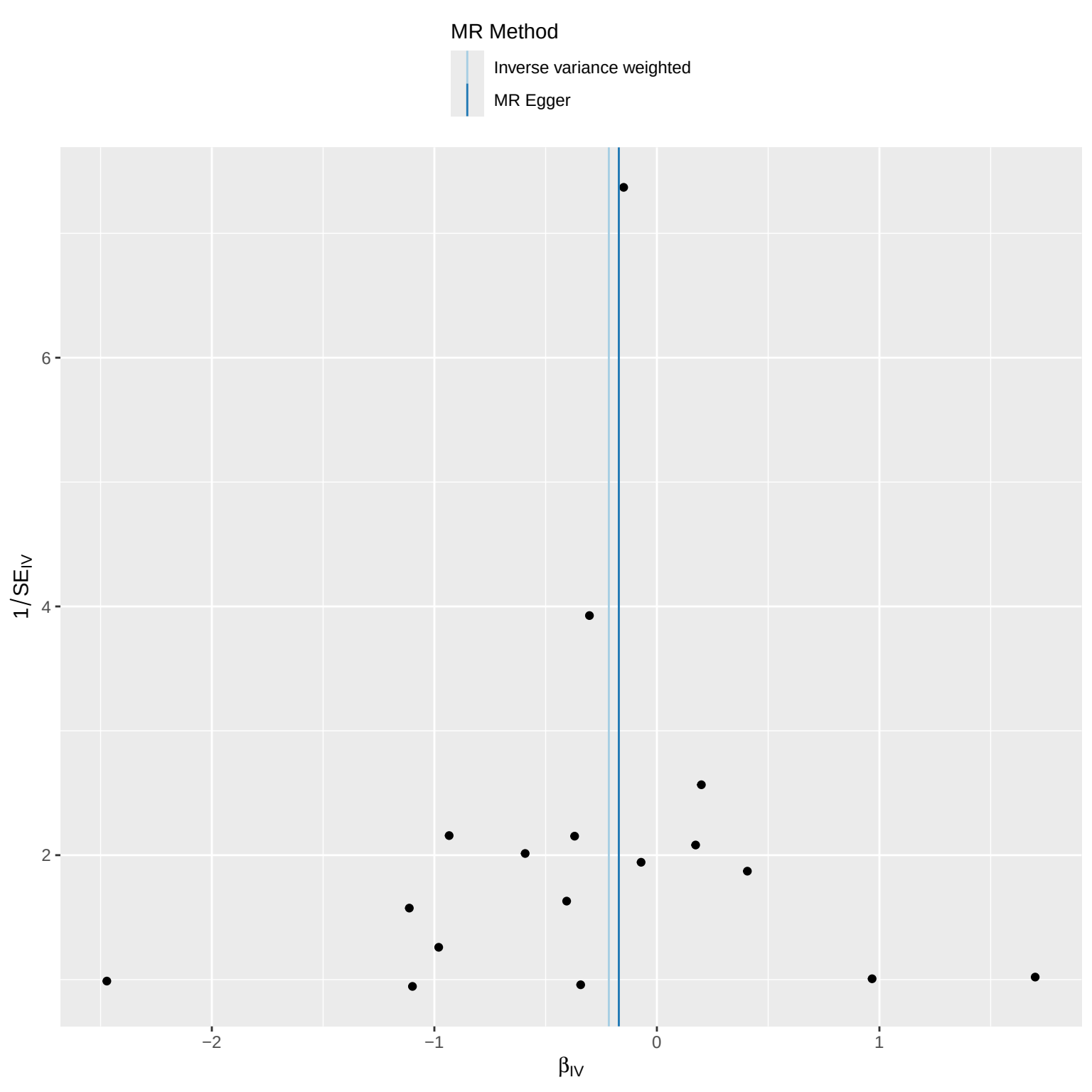

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−2.0
−1.5
−1.0
β_IV

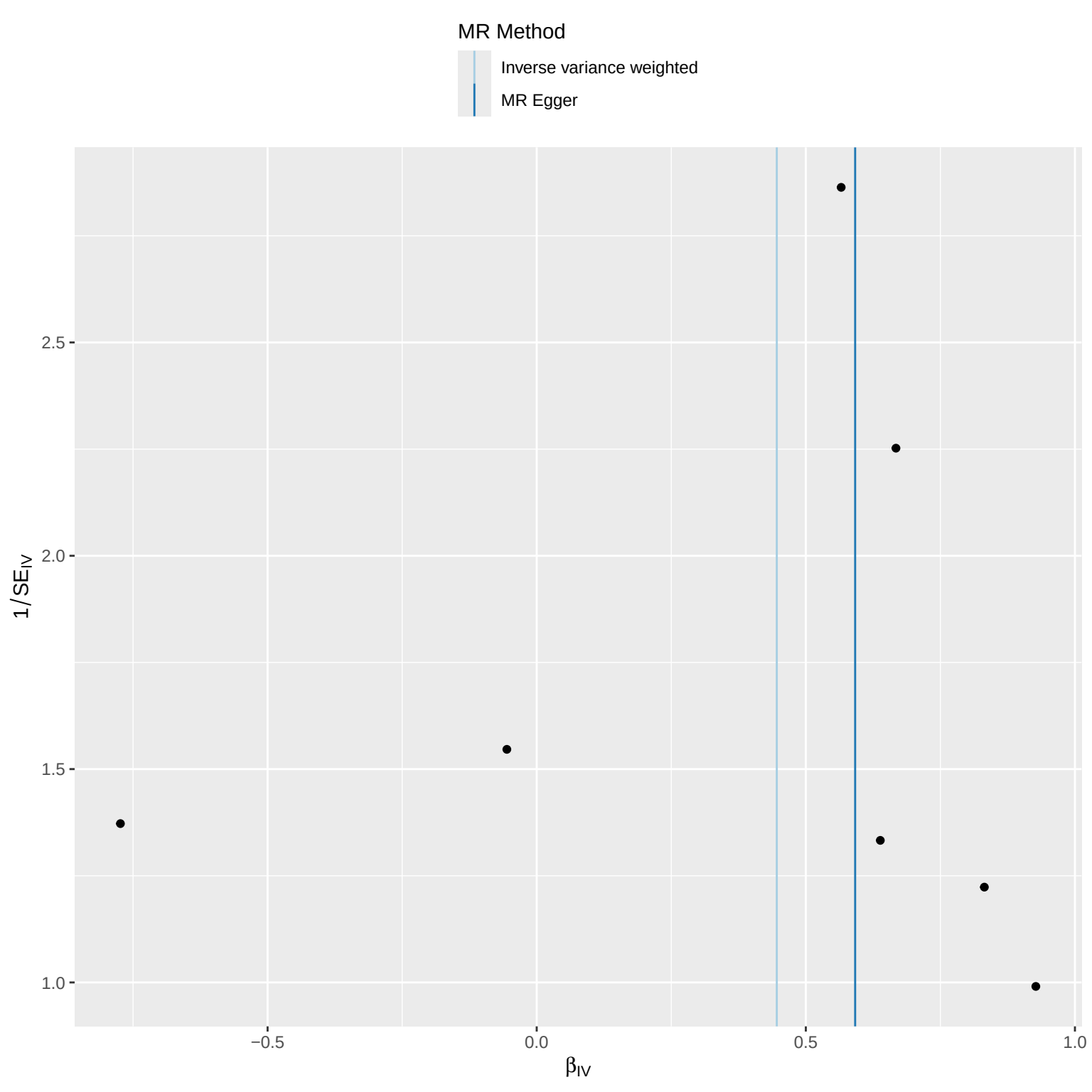

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

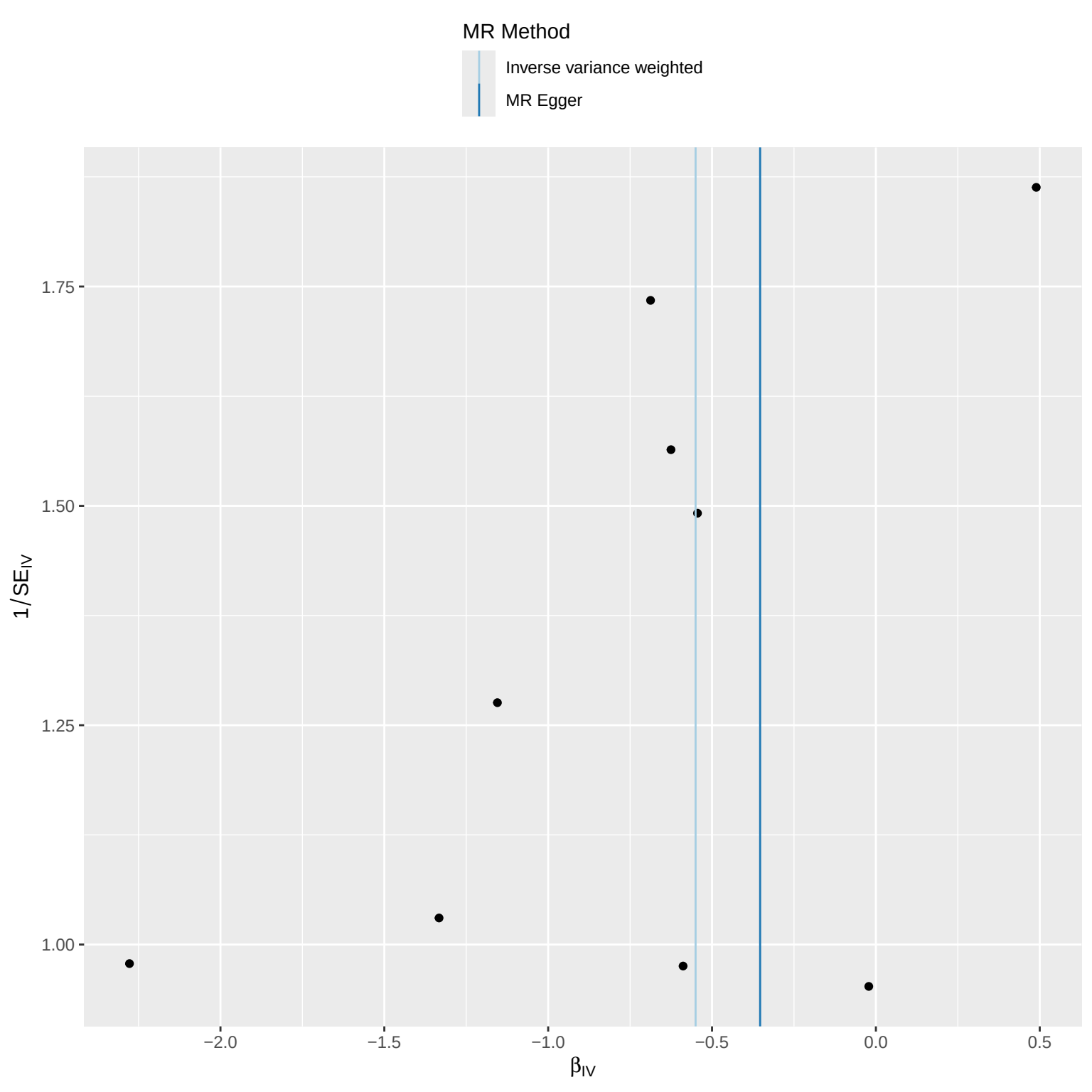

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
−2
−1
0
1
2
β_IV

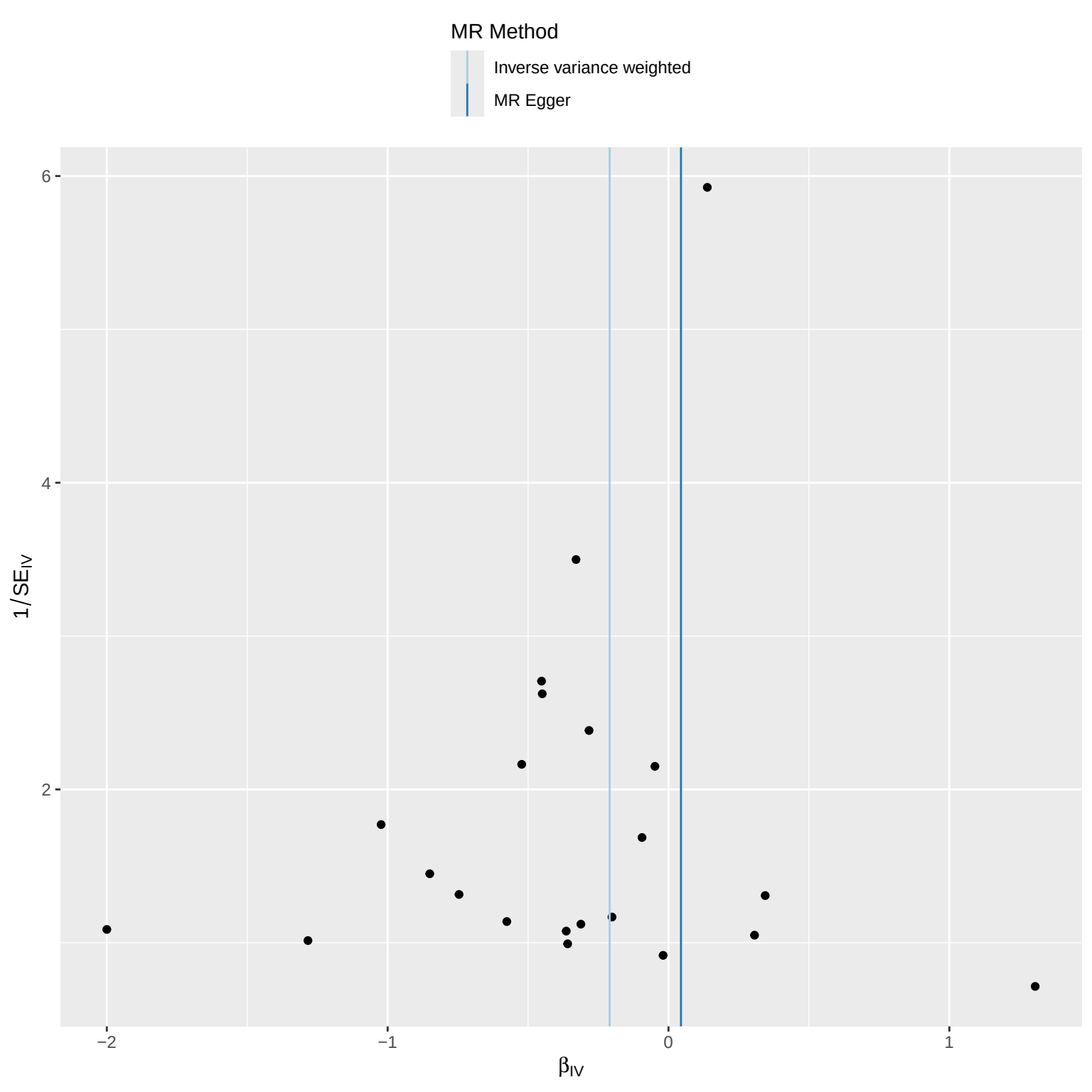

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

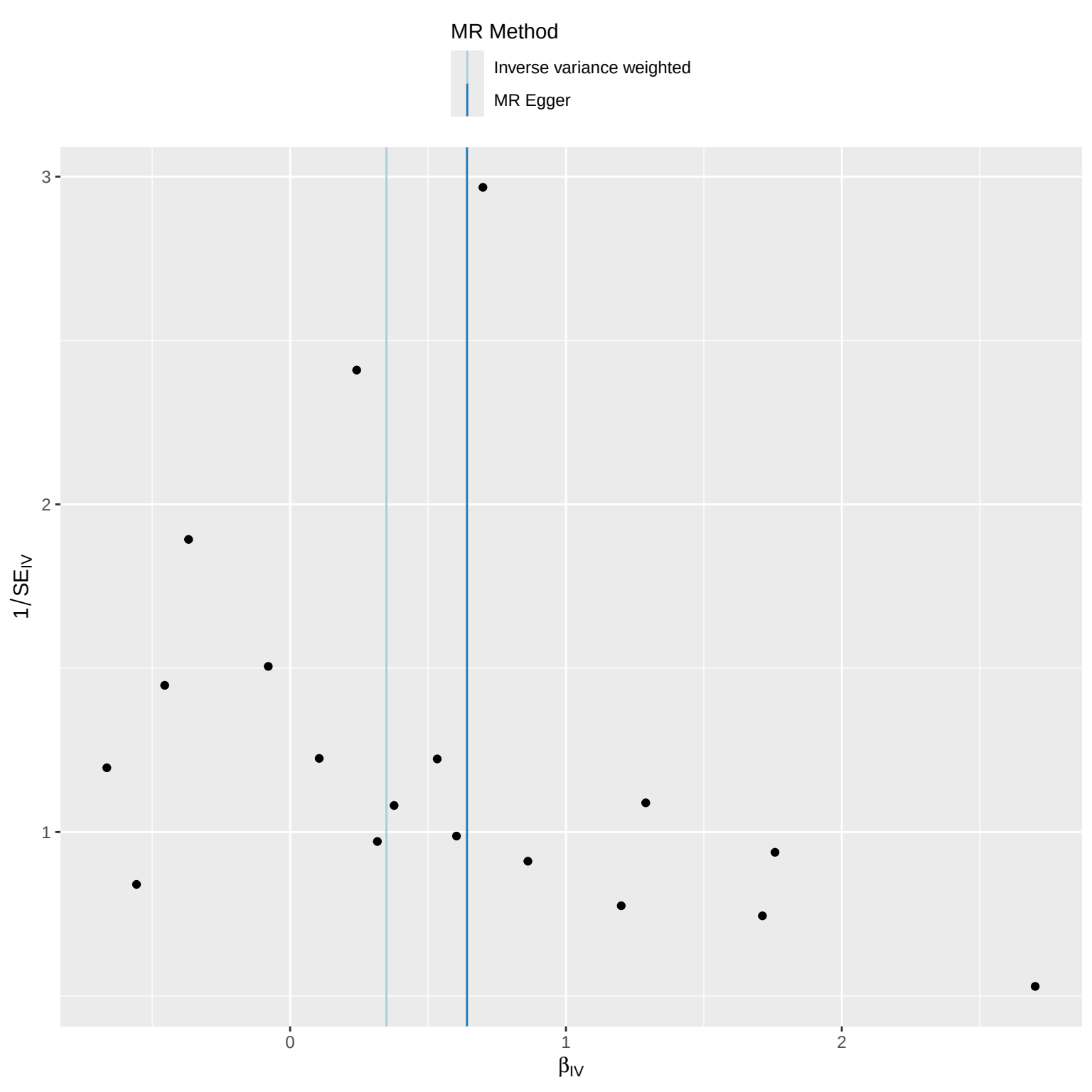

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1
0
1
2

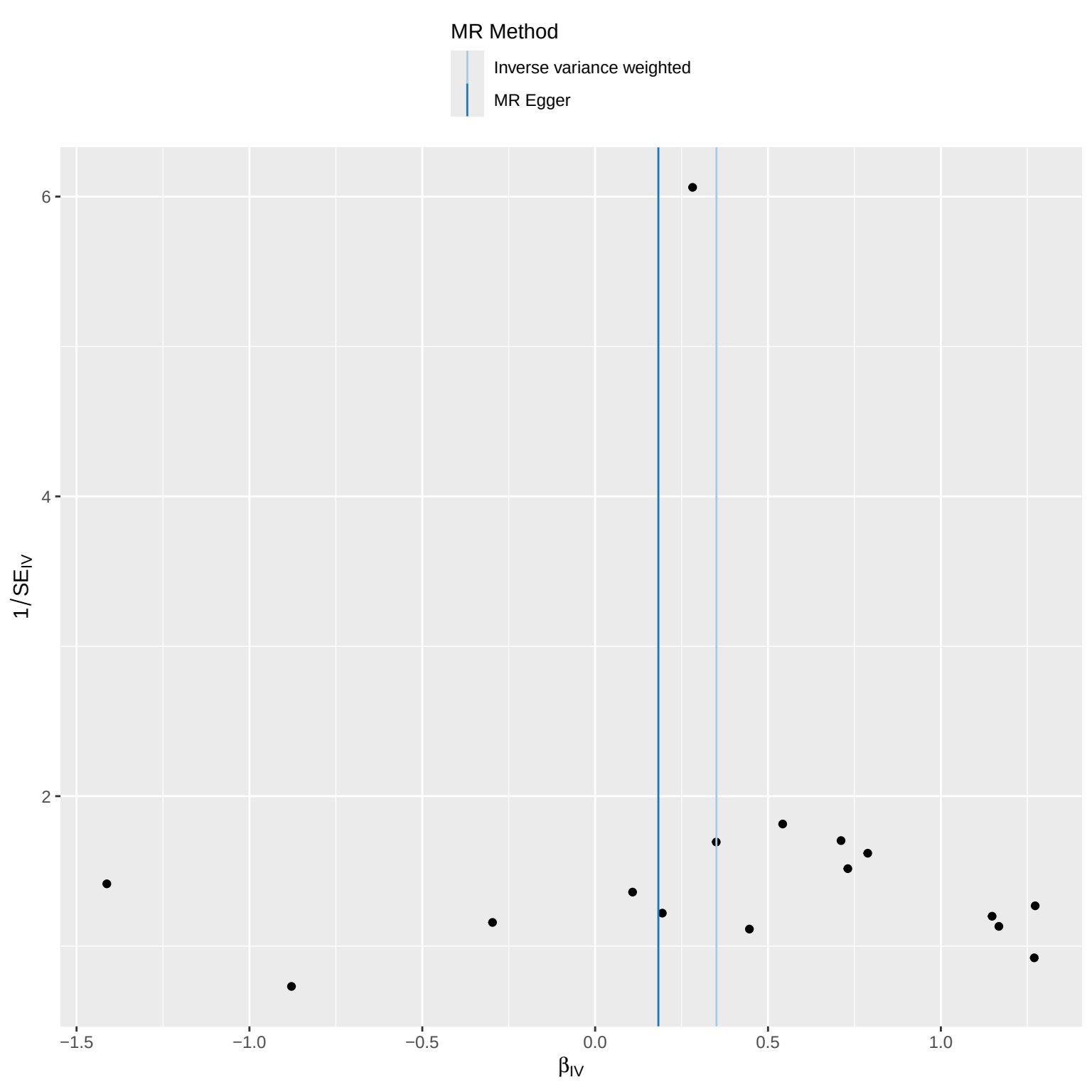

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

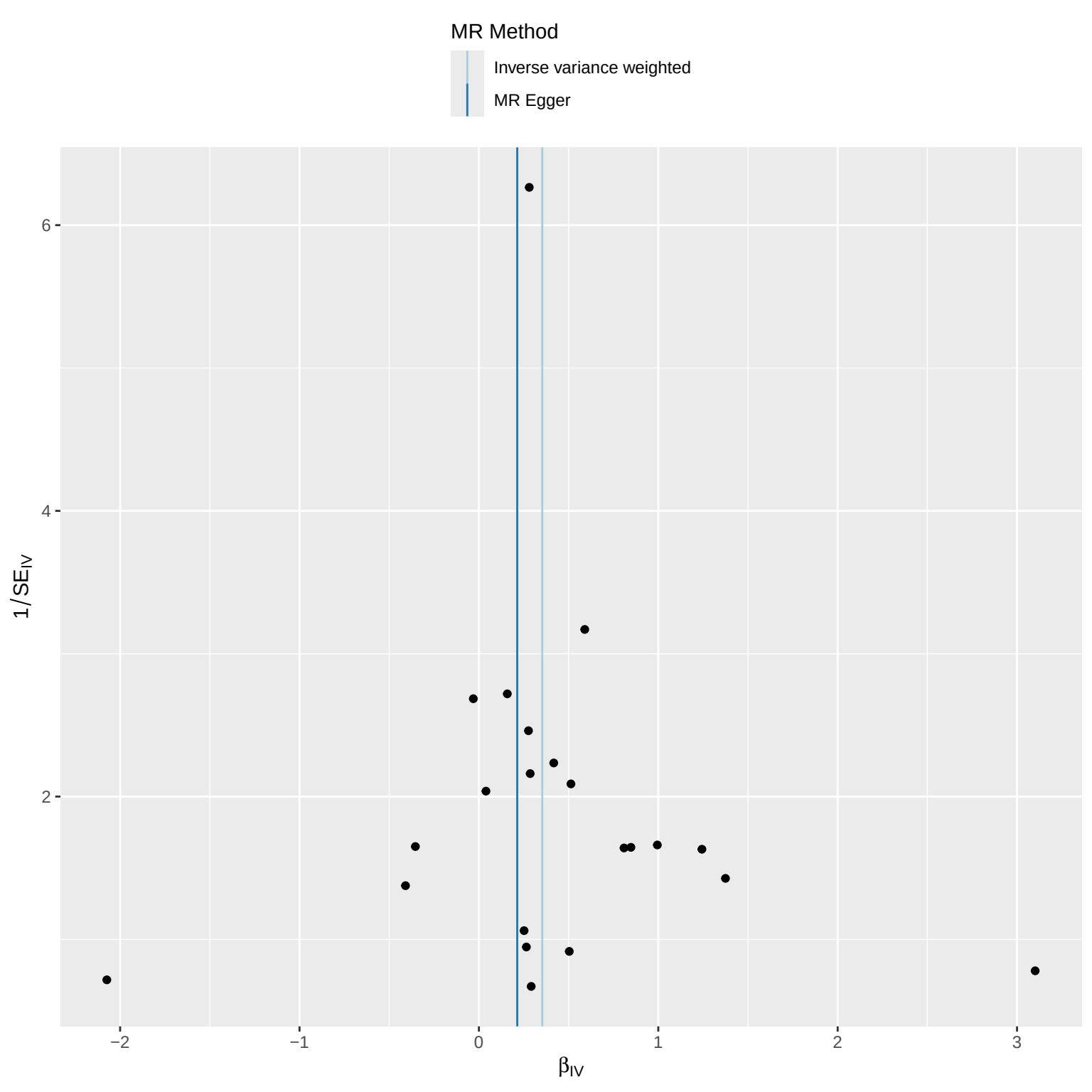

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

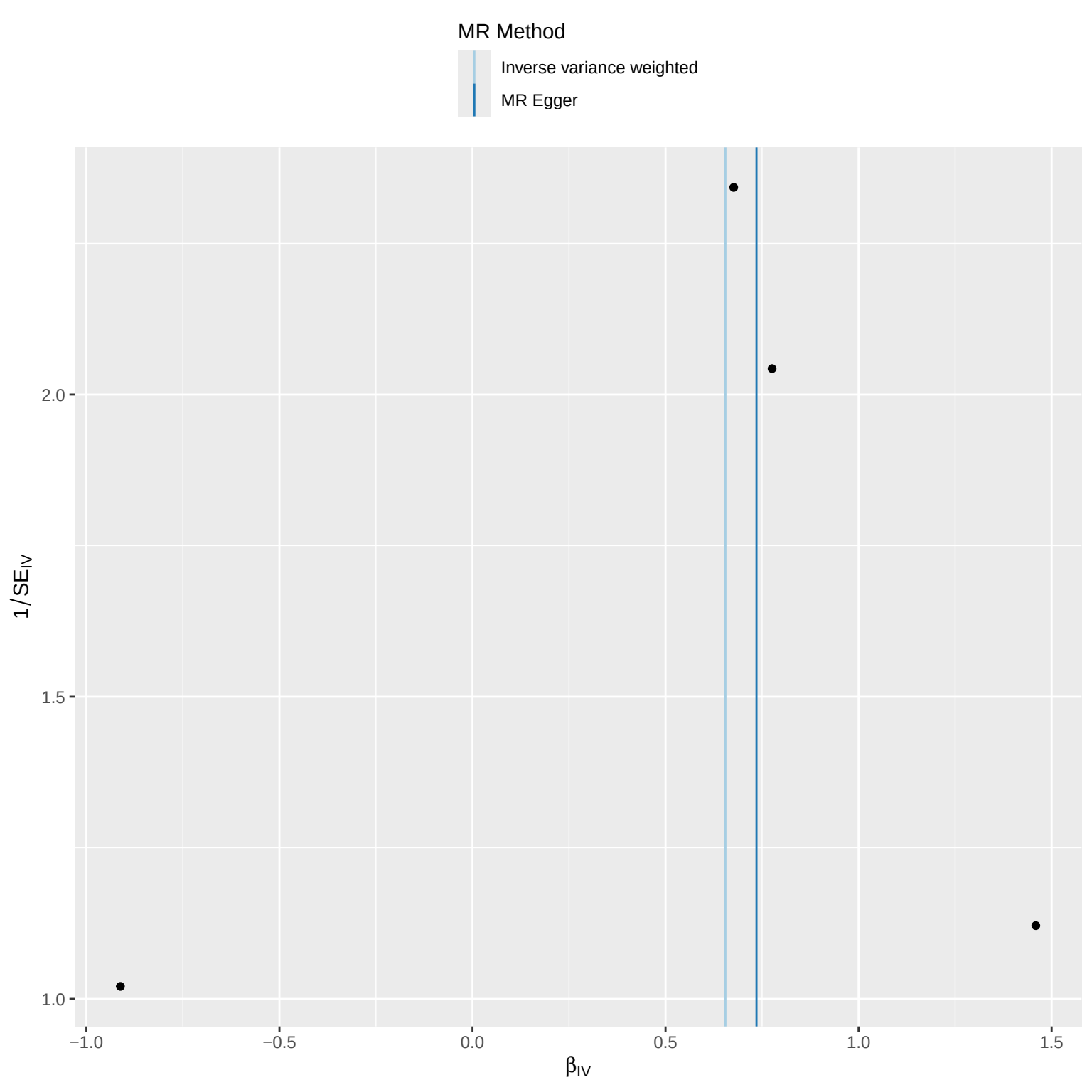

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

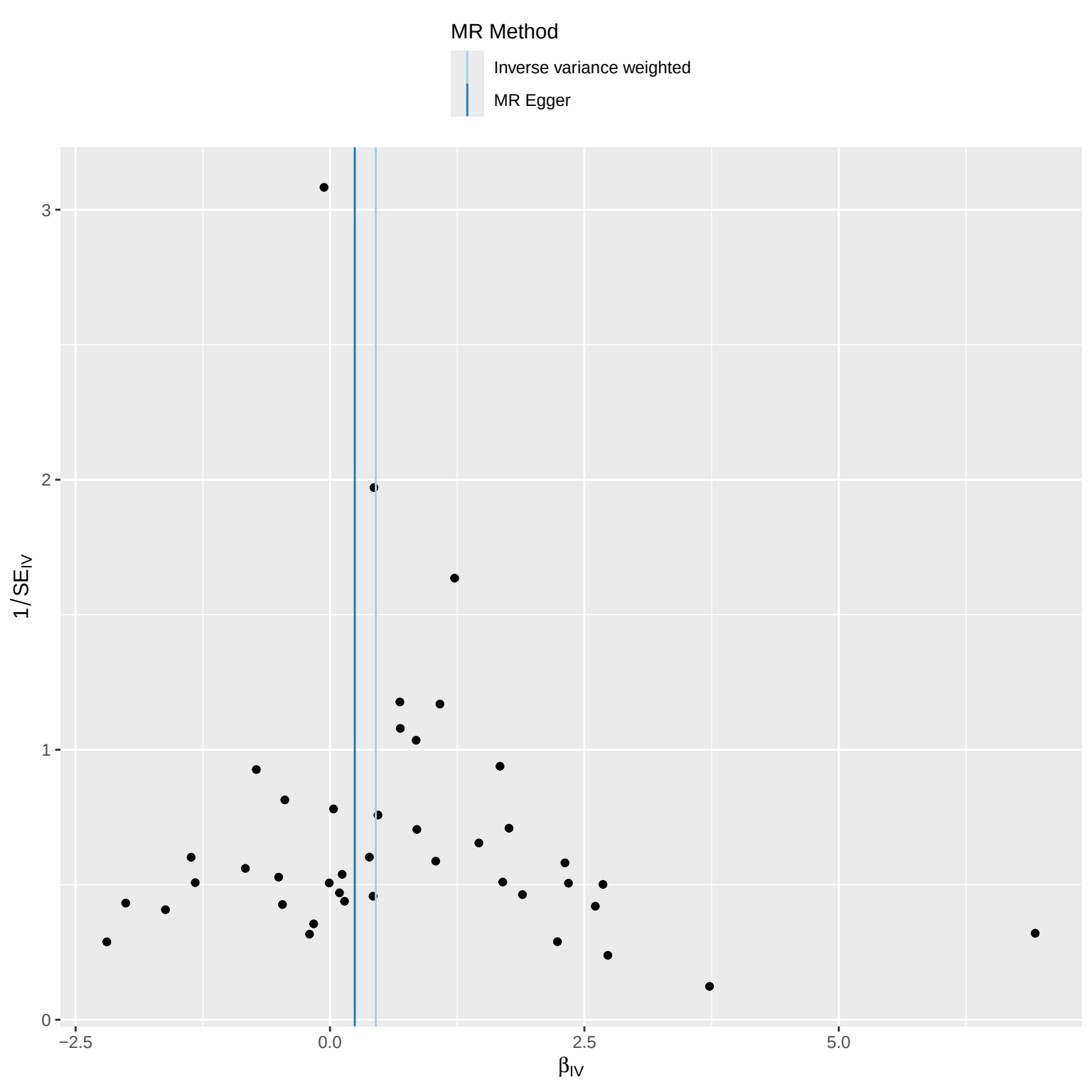

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

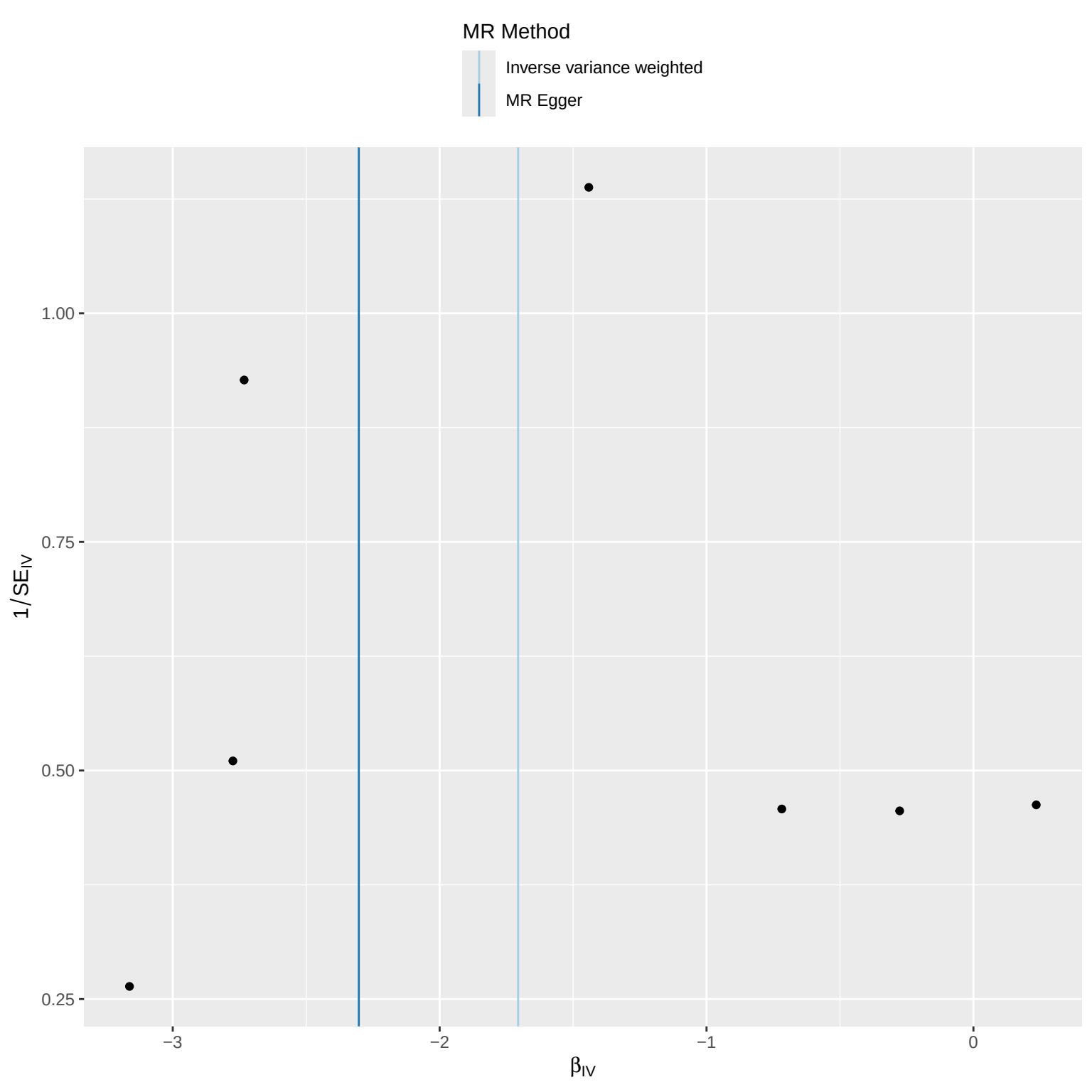

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
1/SE_IV
β_IV

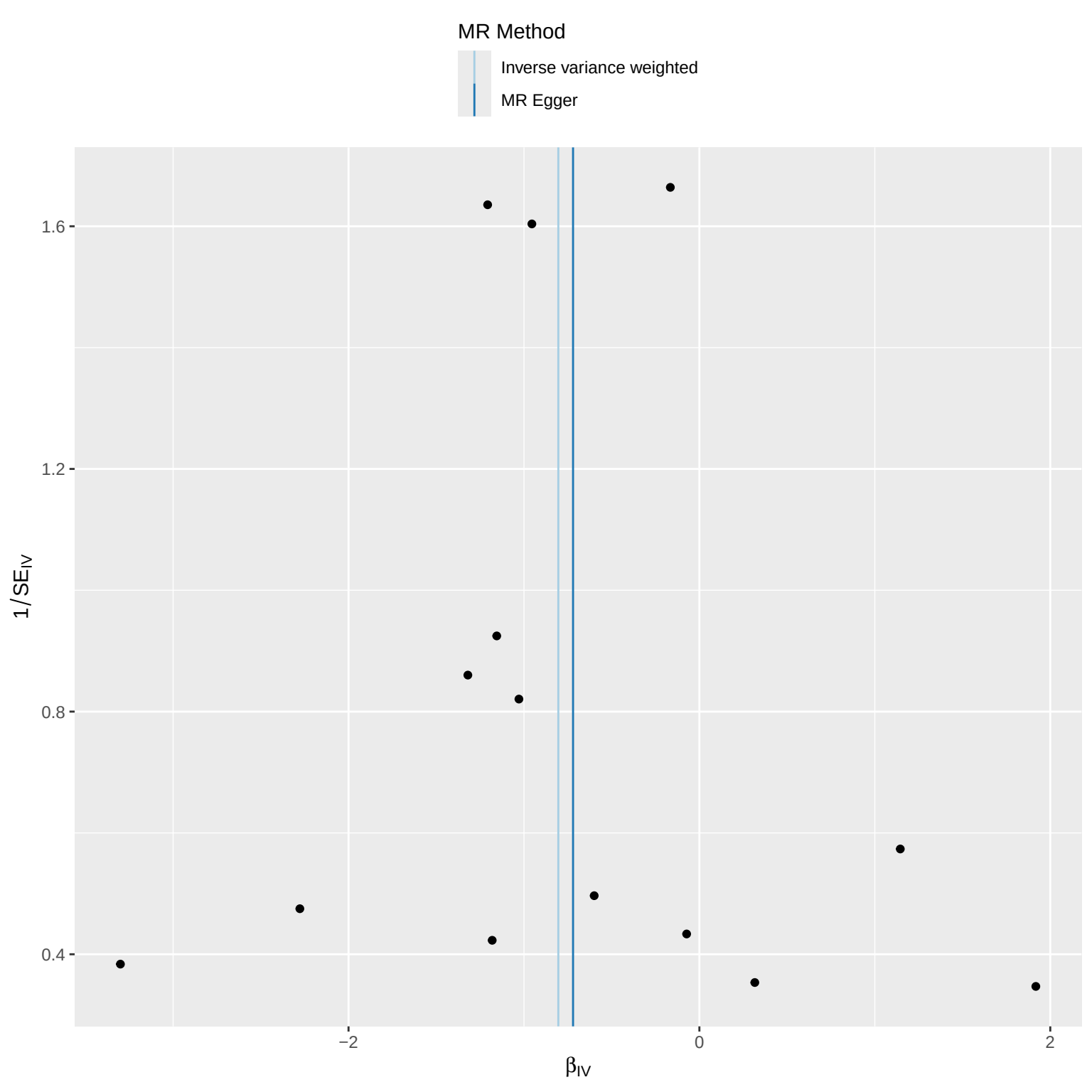

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

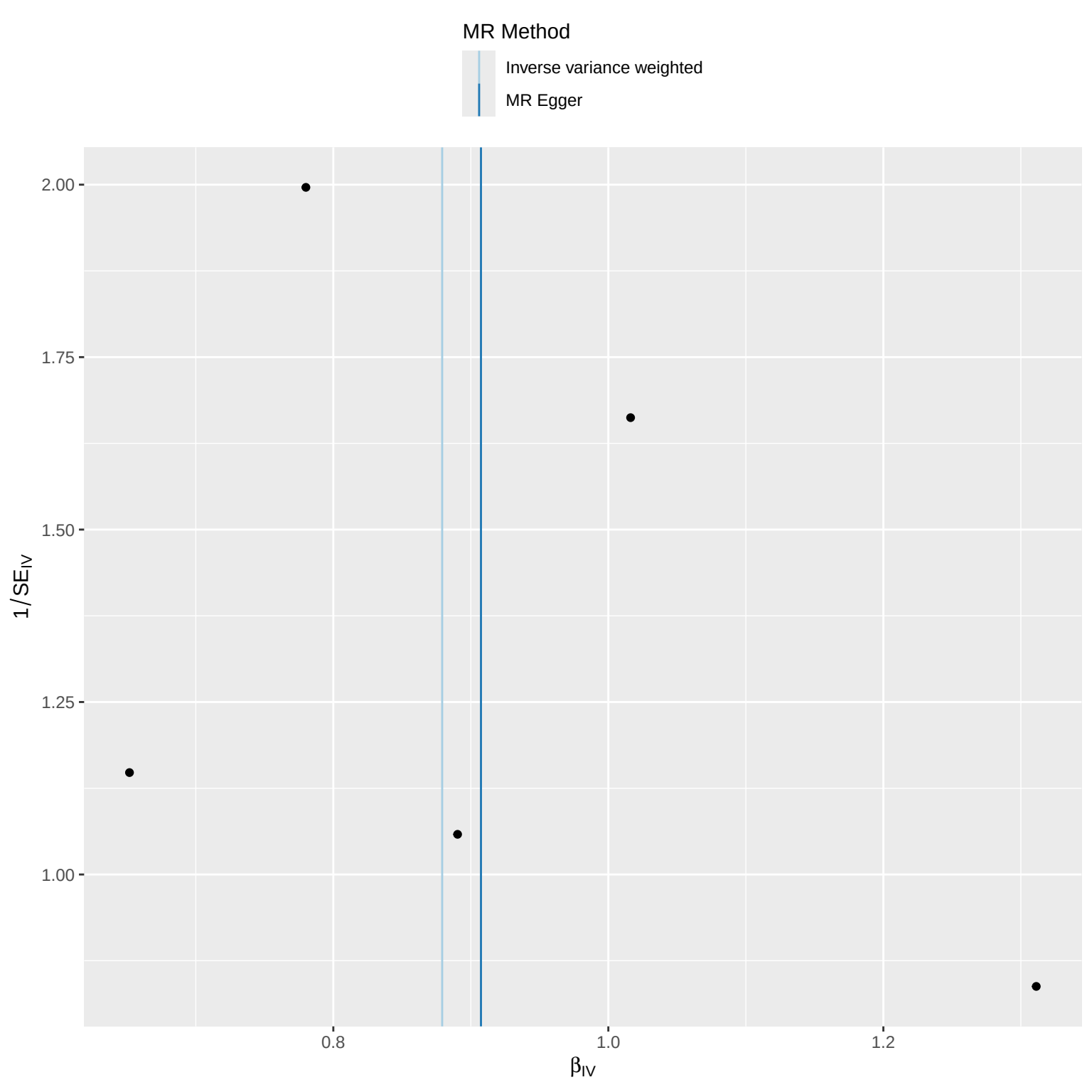

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

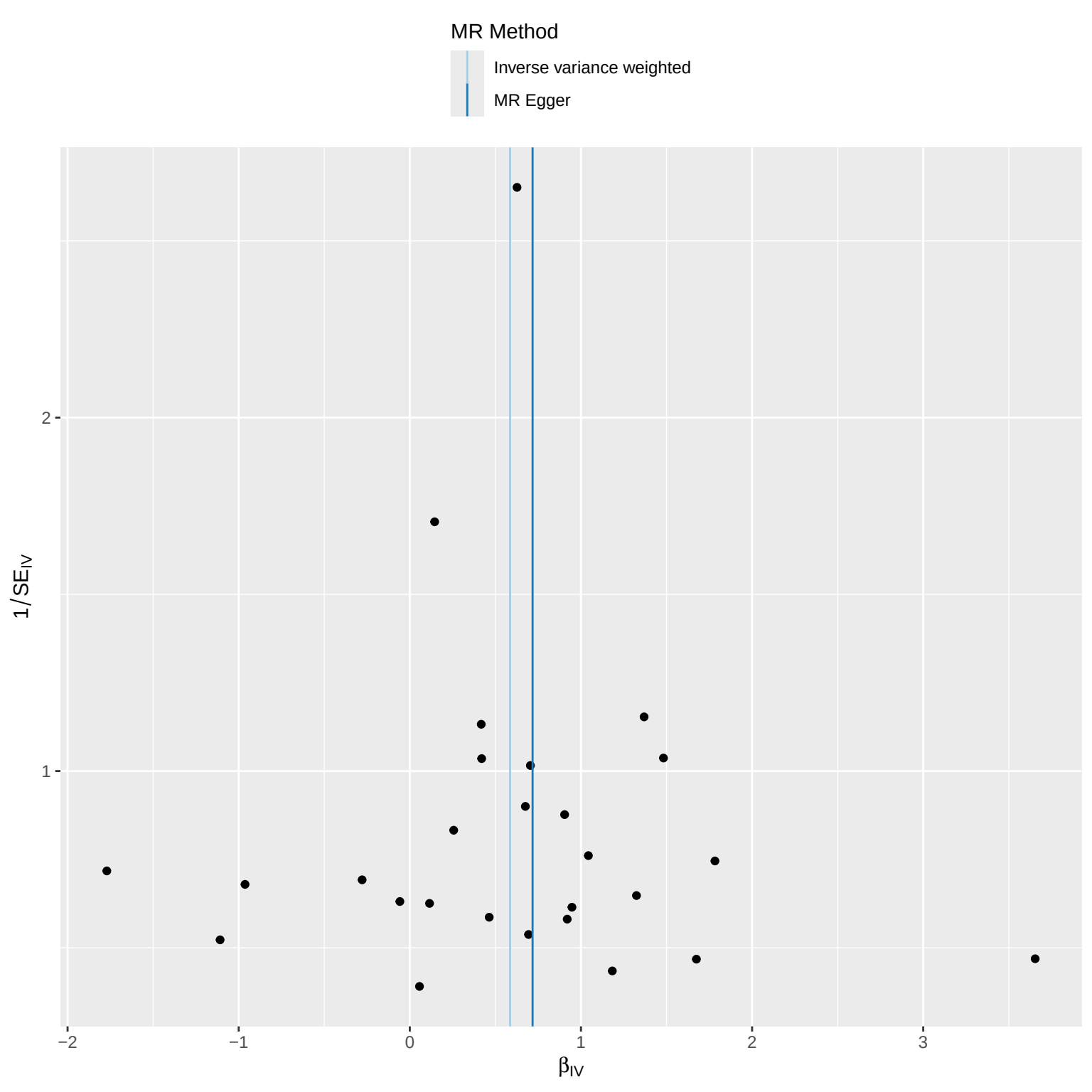

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

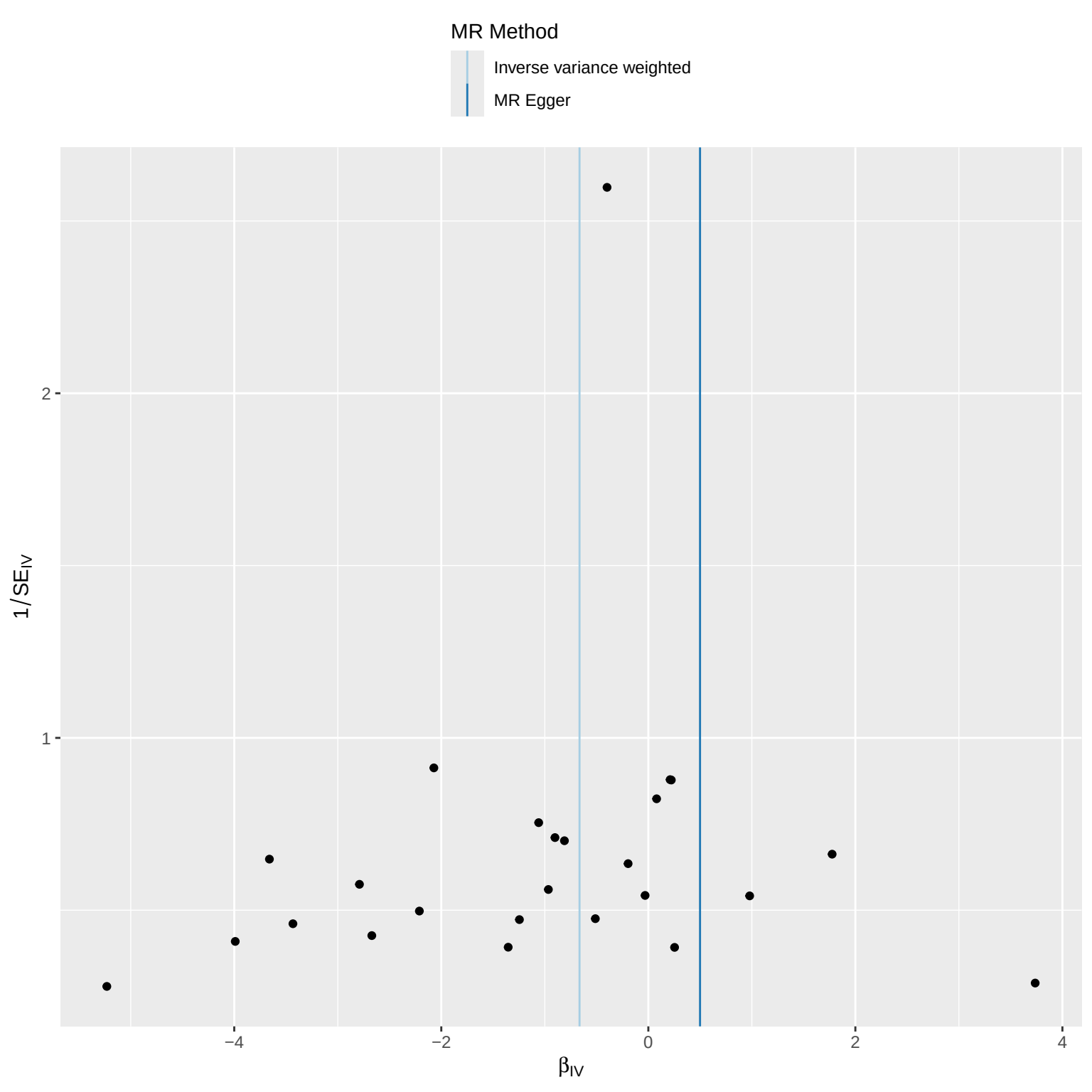

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

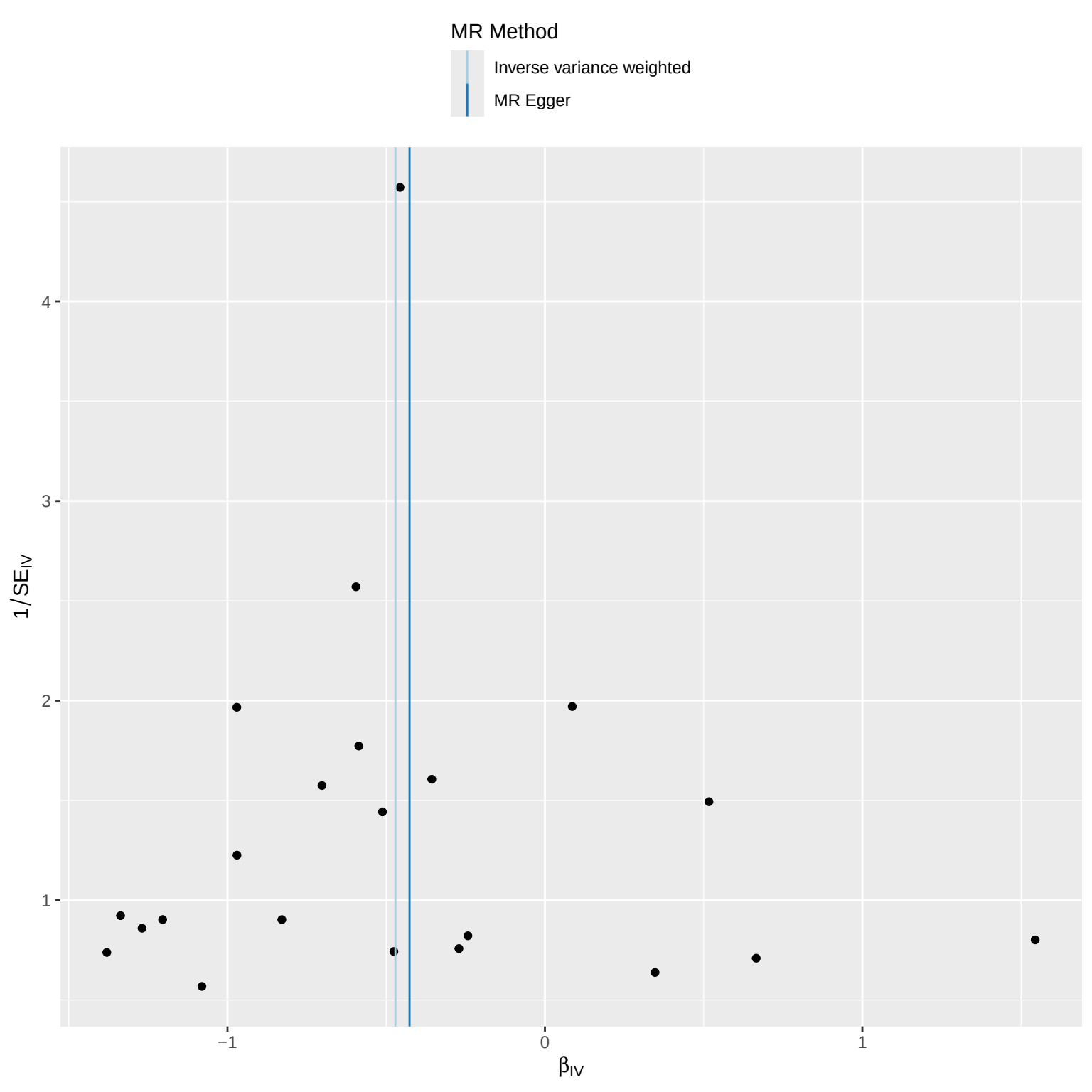

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
0.25
1/SE_IV
−3
−2
−1
0
β_IV

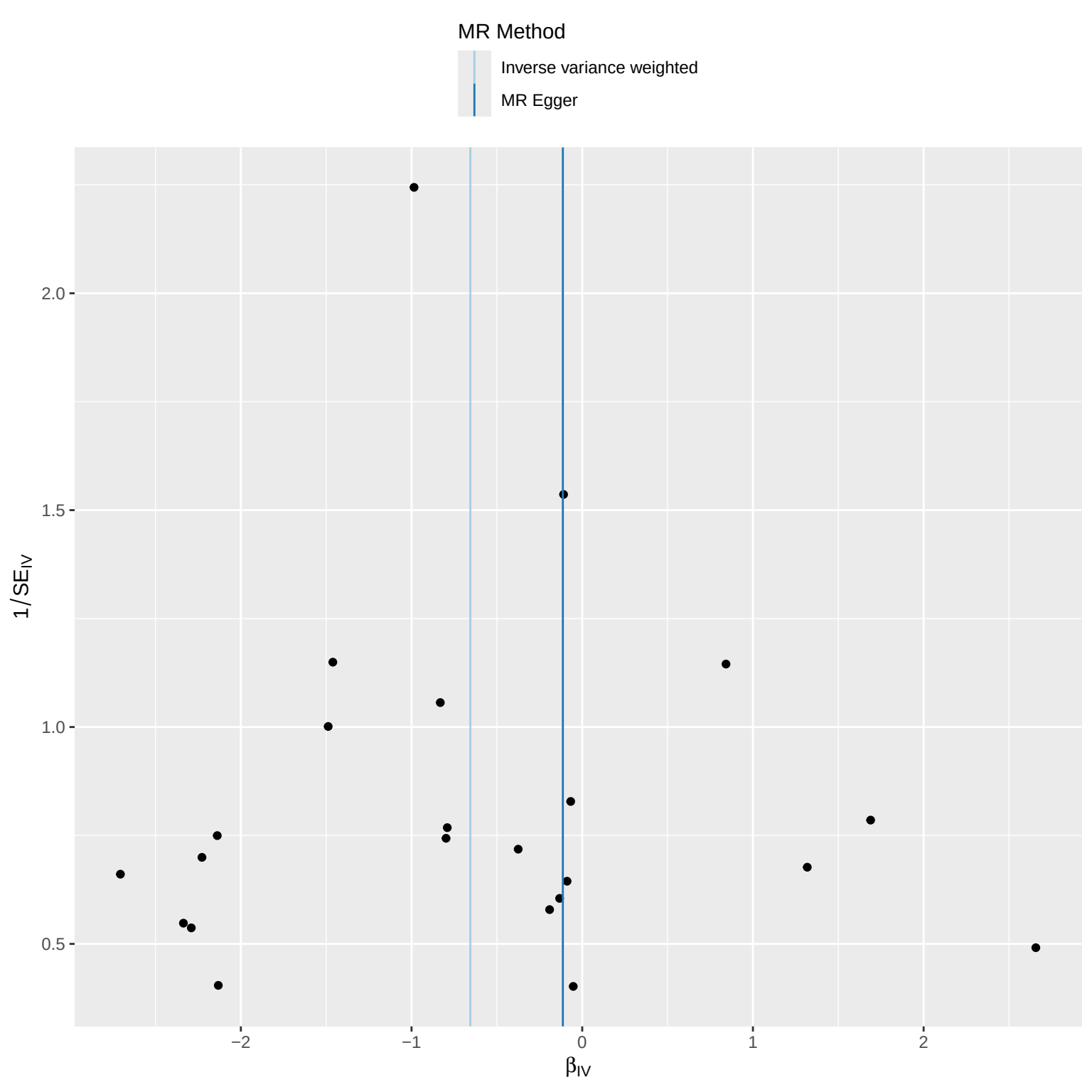

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
β_IV

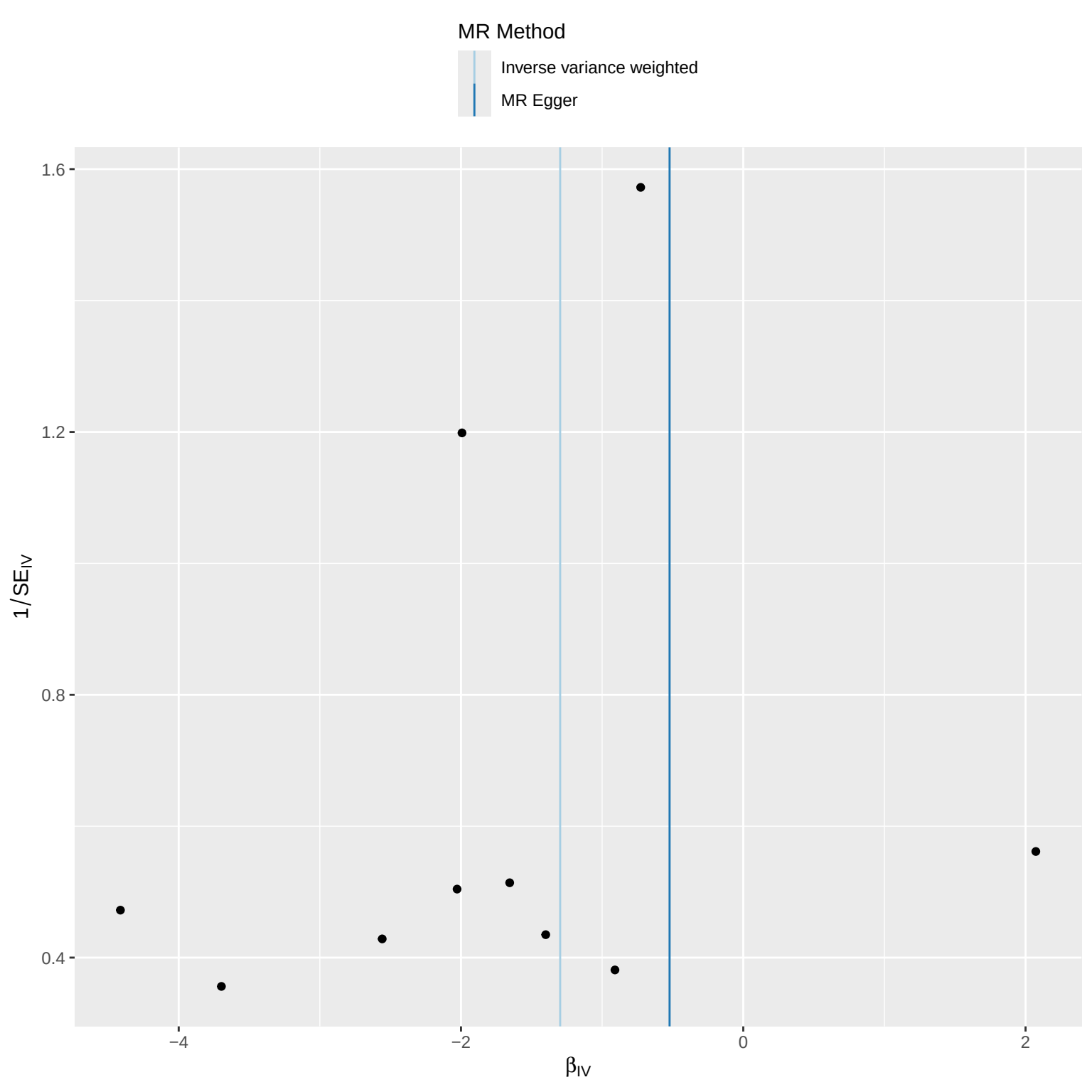

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
0.8
1.0
1.2
β_IV

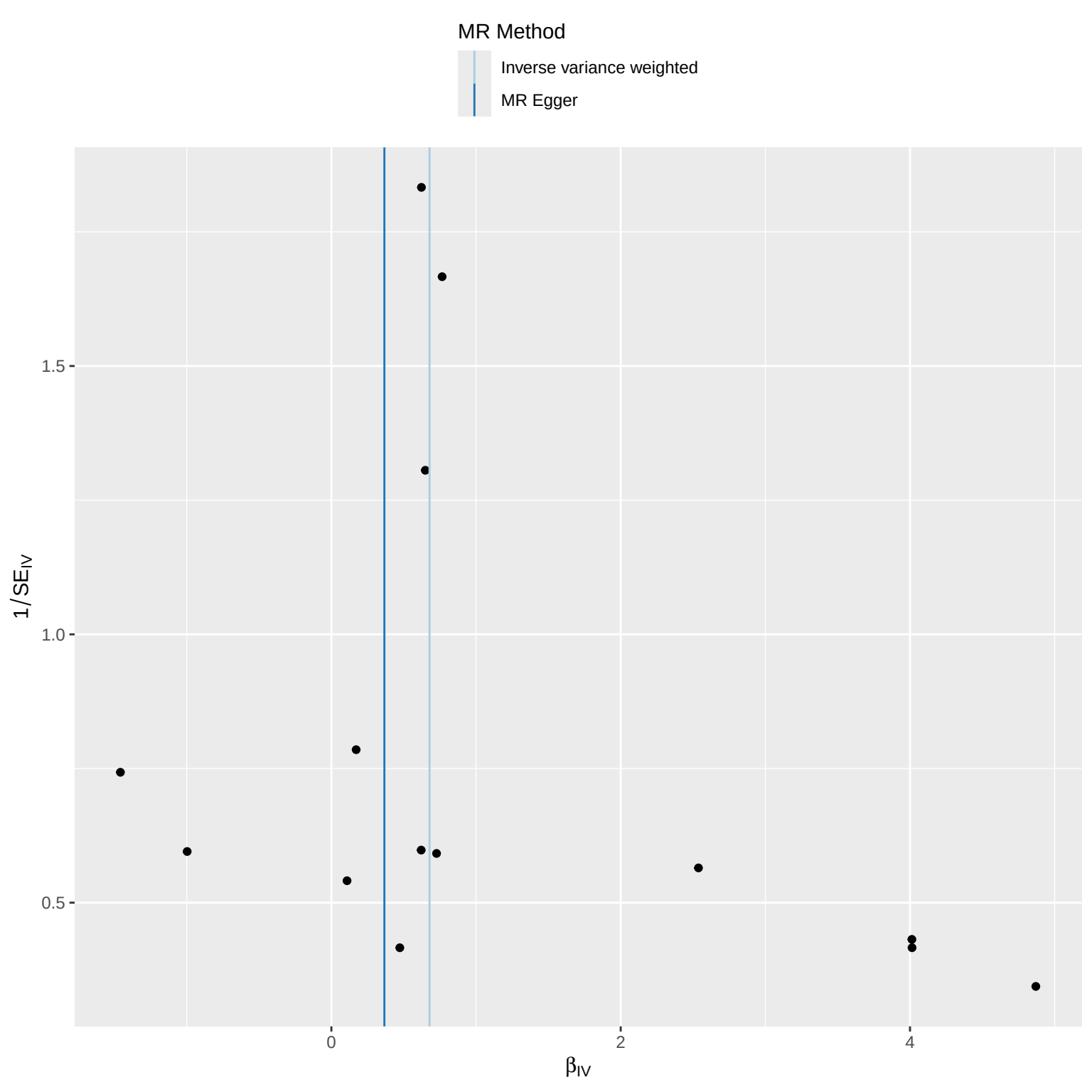

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

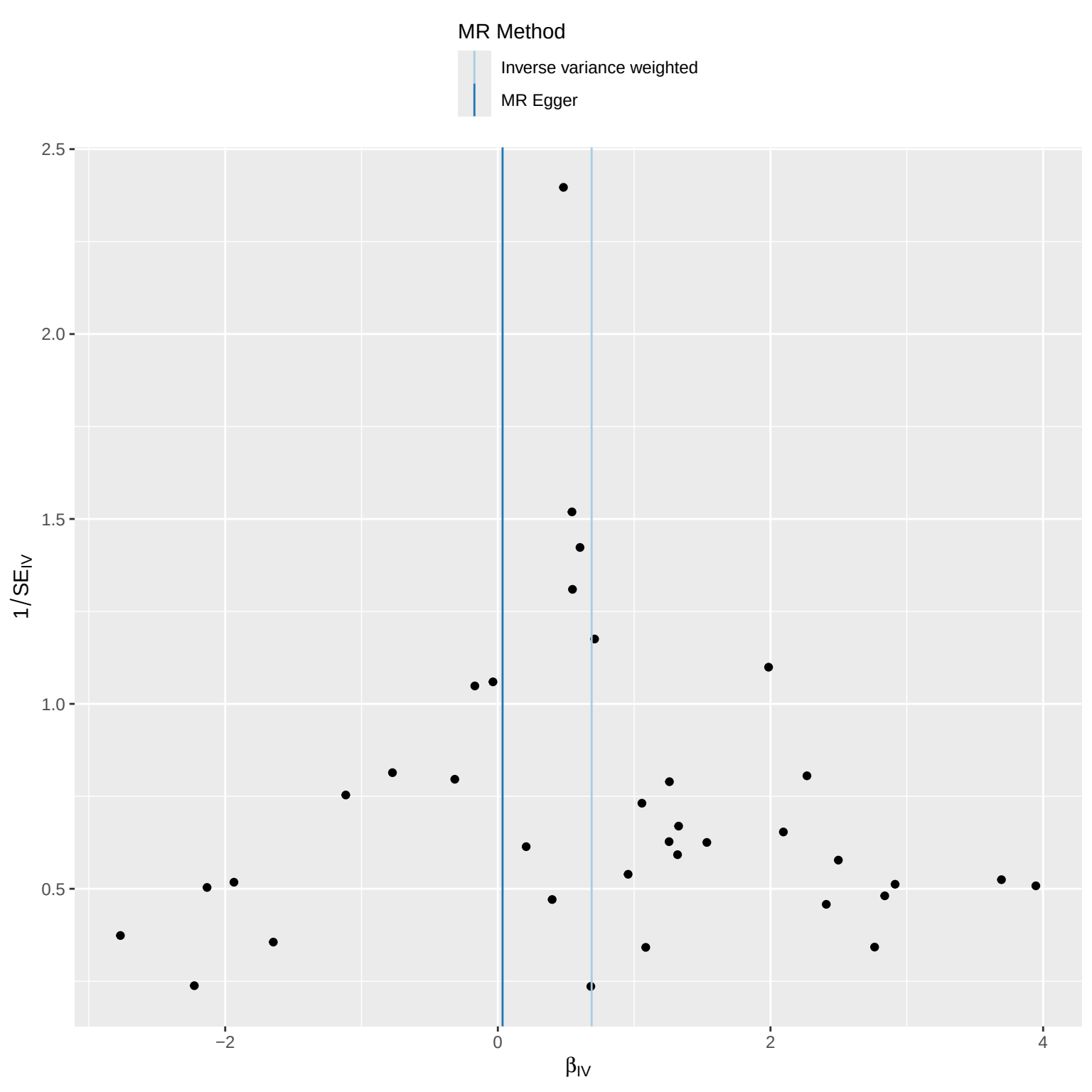

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

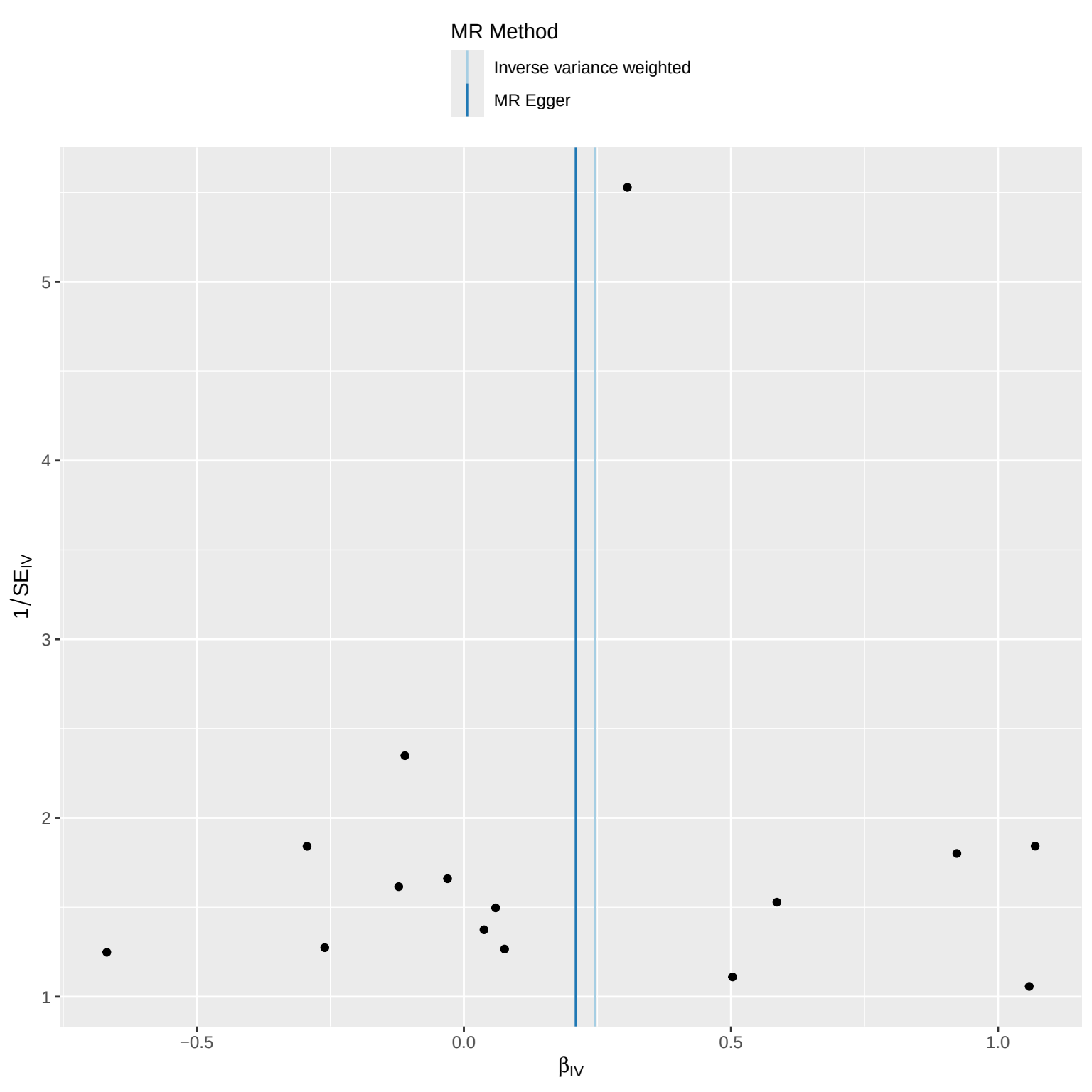

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

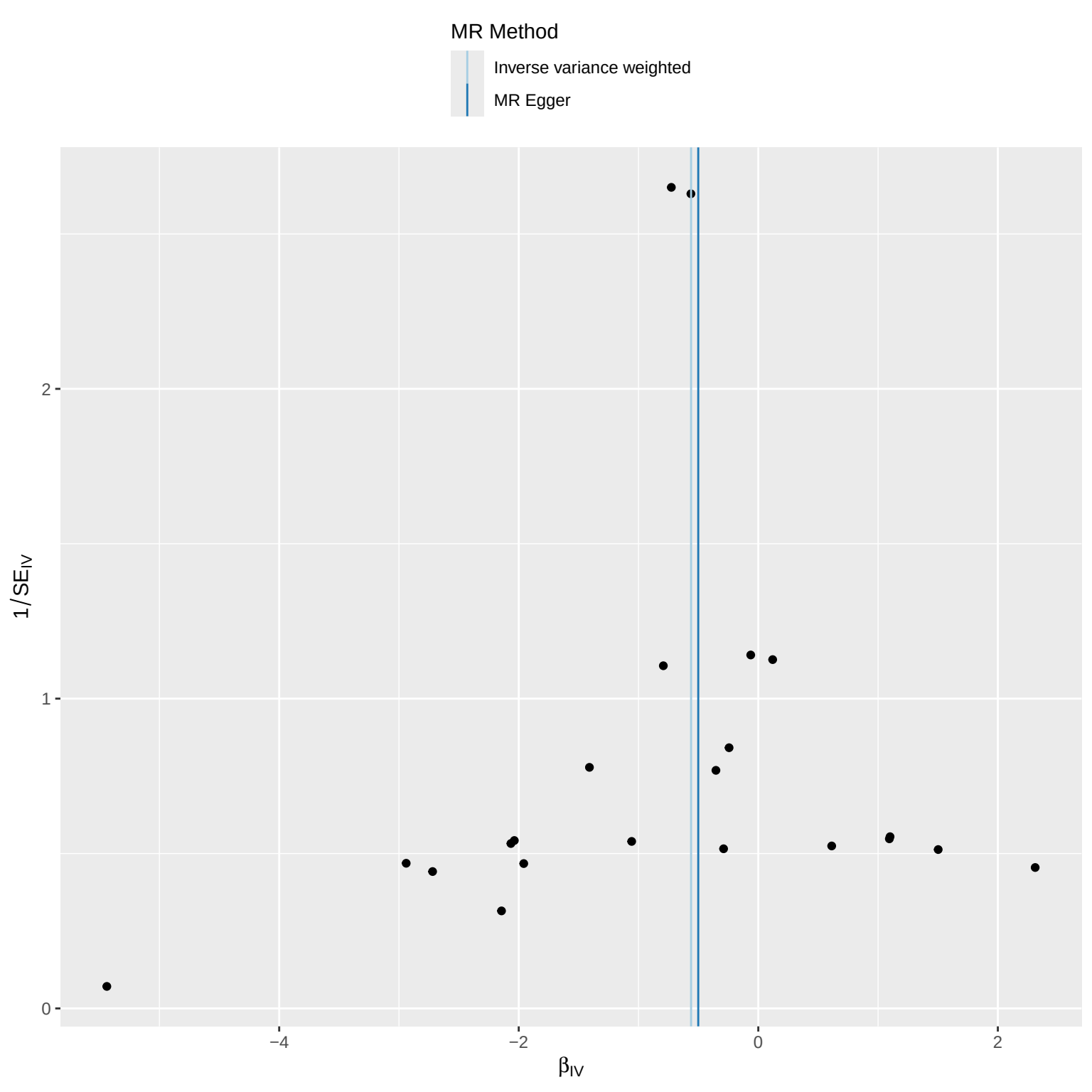

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

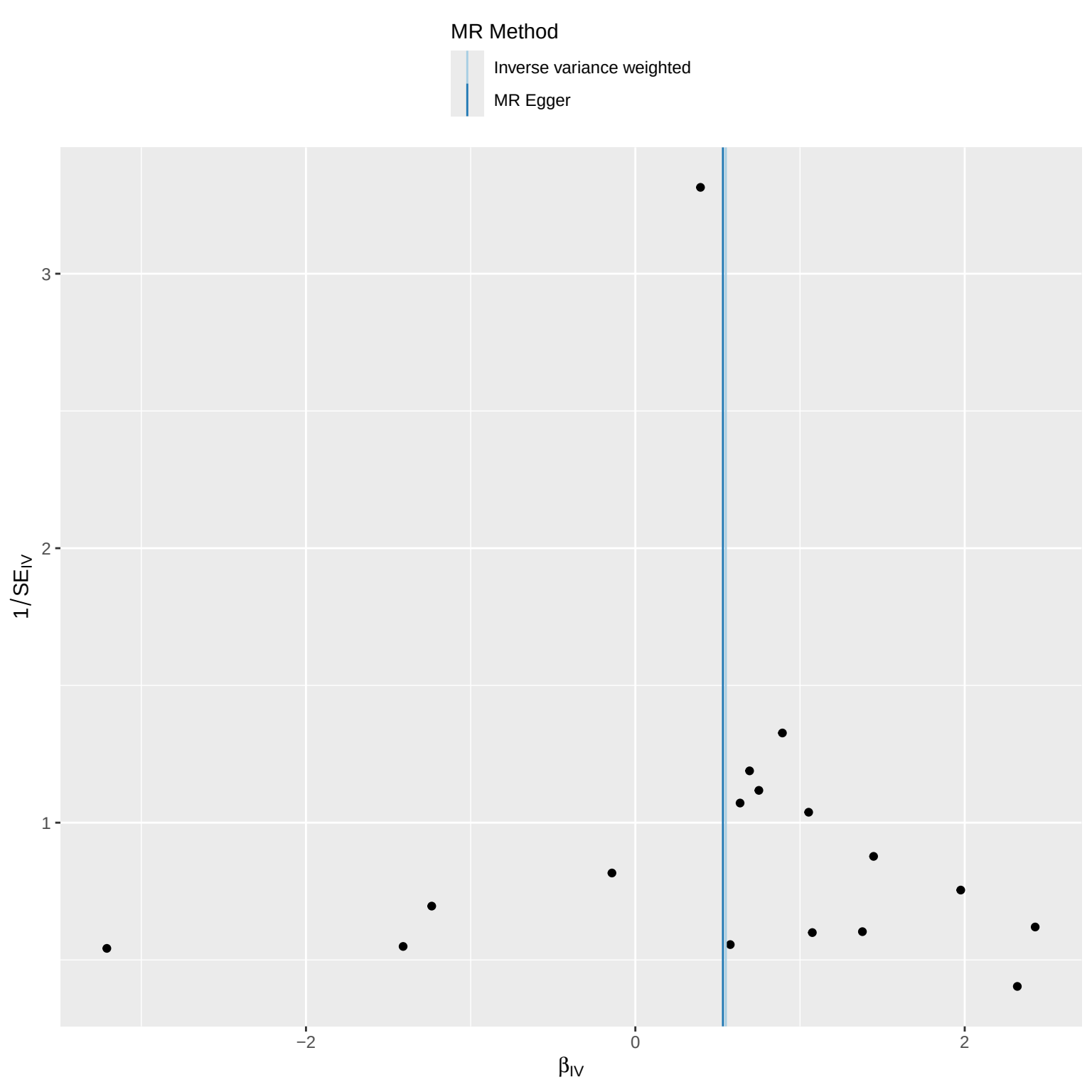

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
β_IV

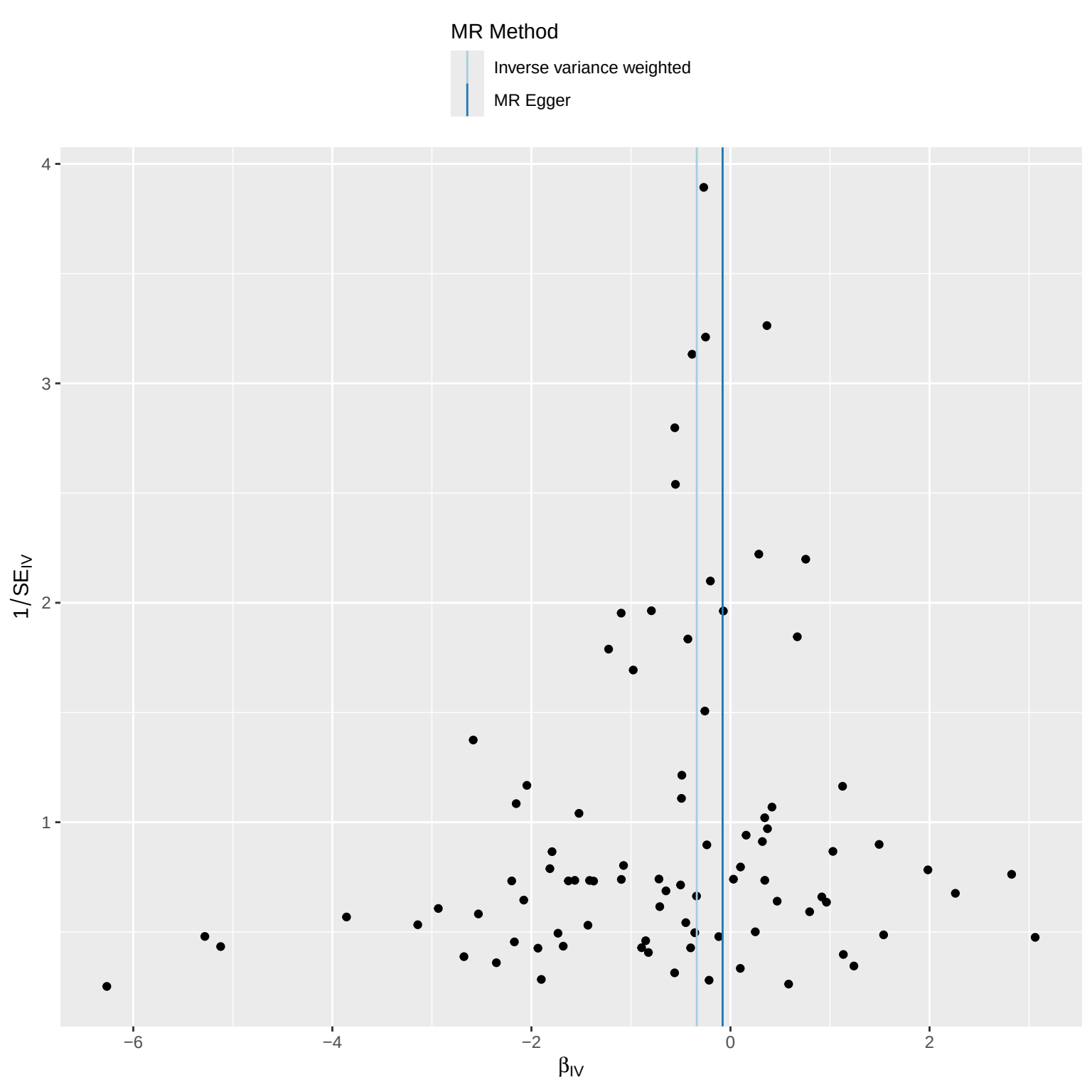

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

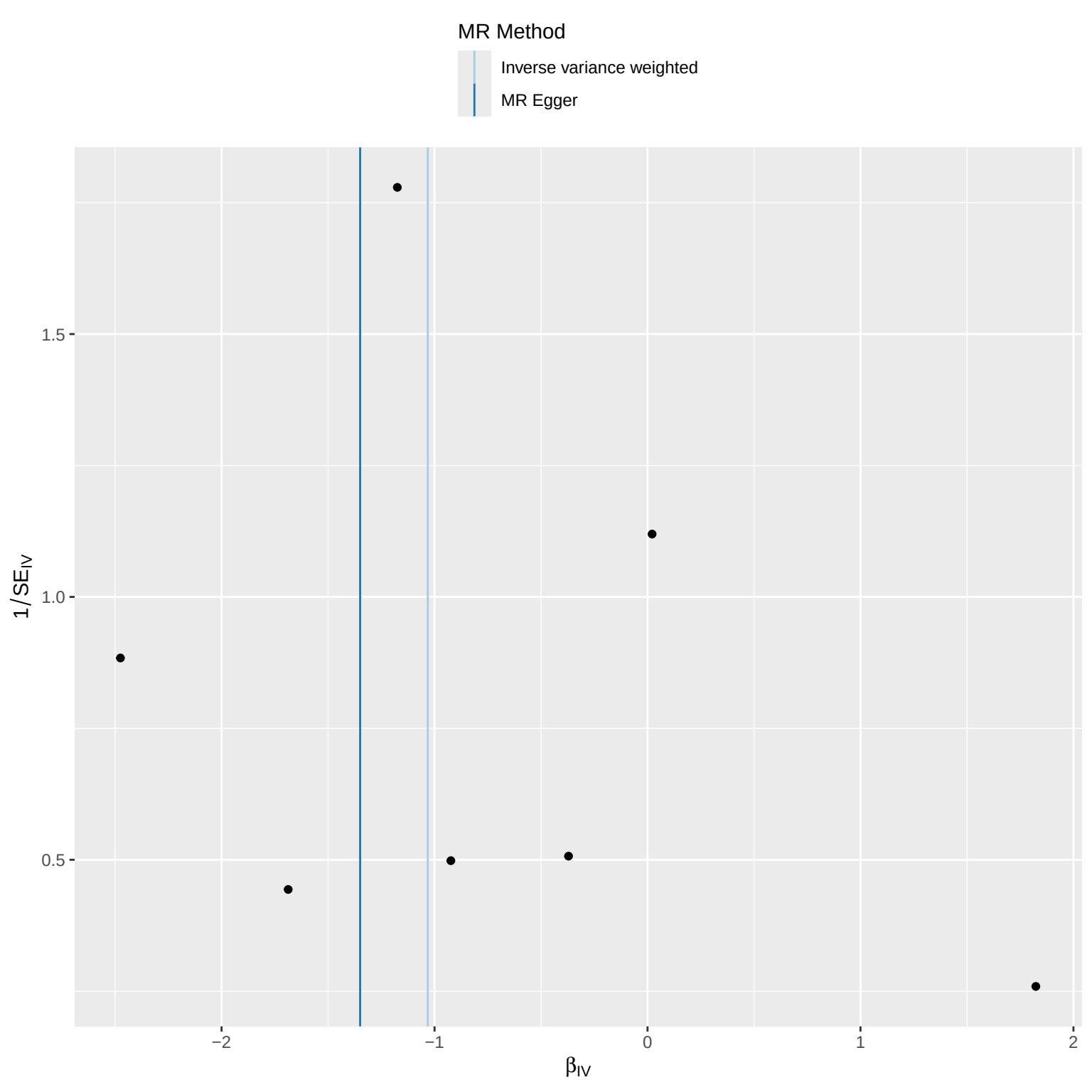

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

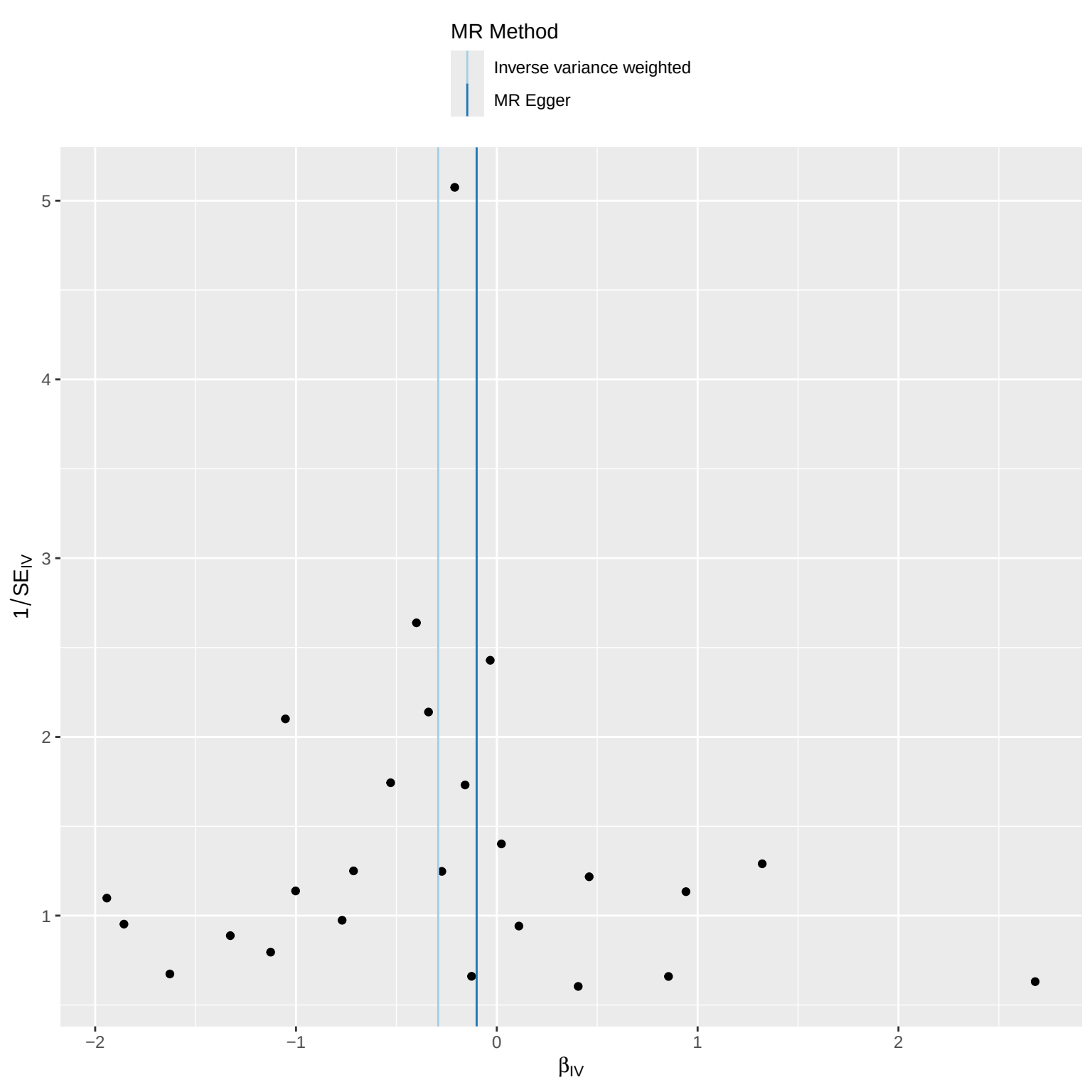

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−0.5
0.0
0.5
1.0
β_IV

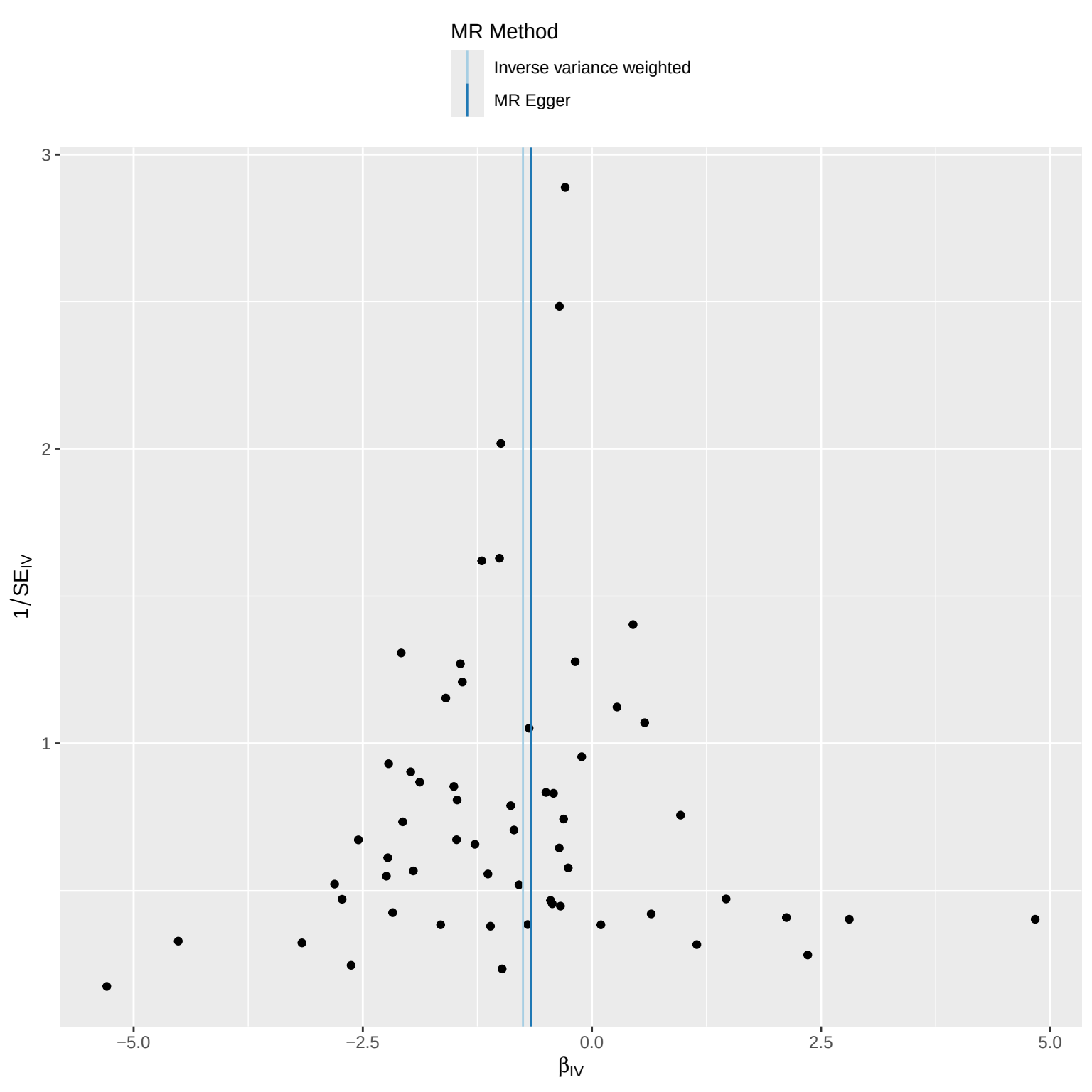

MR Method
Inverse variance weighted
MR Egger
2
1
0
1/SE_IV
−4
−2
0
2
β_IV

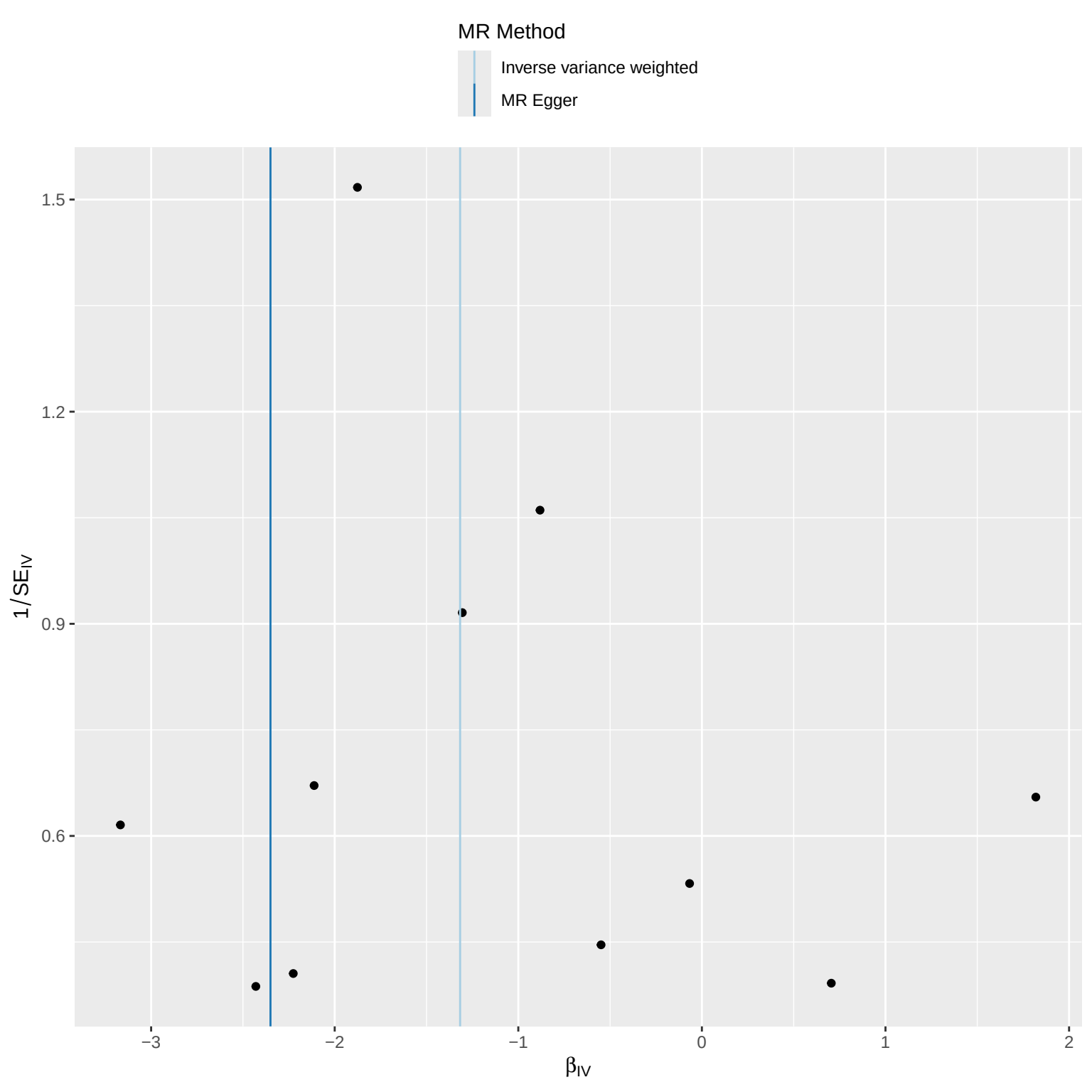

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

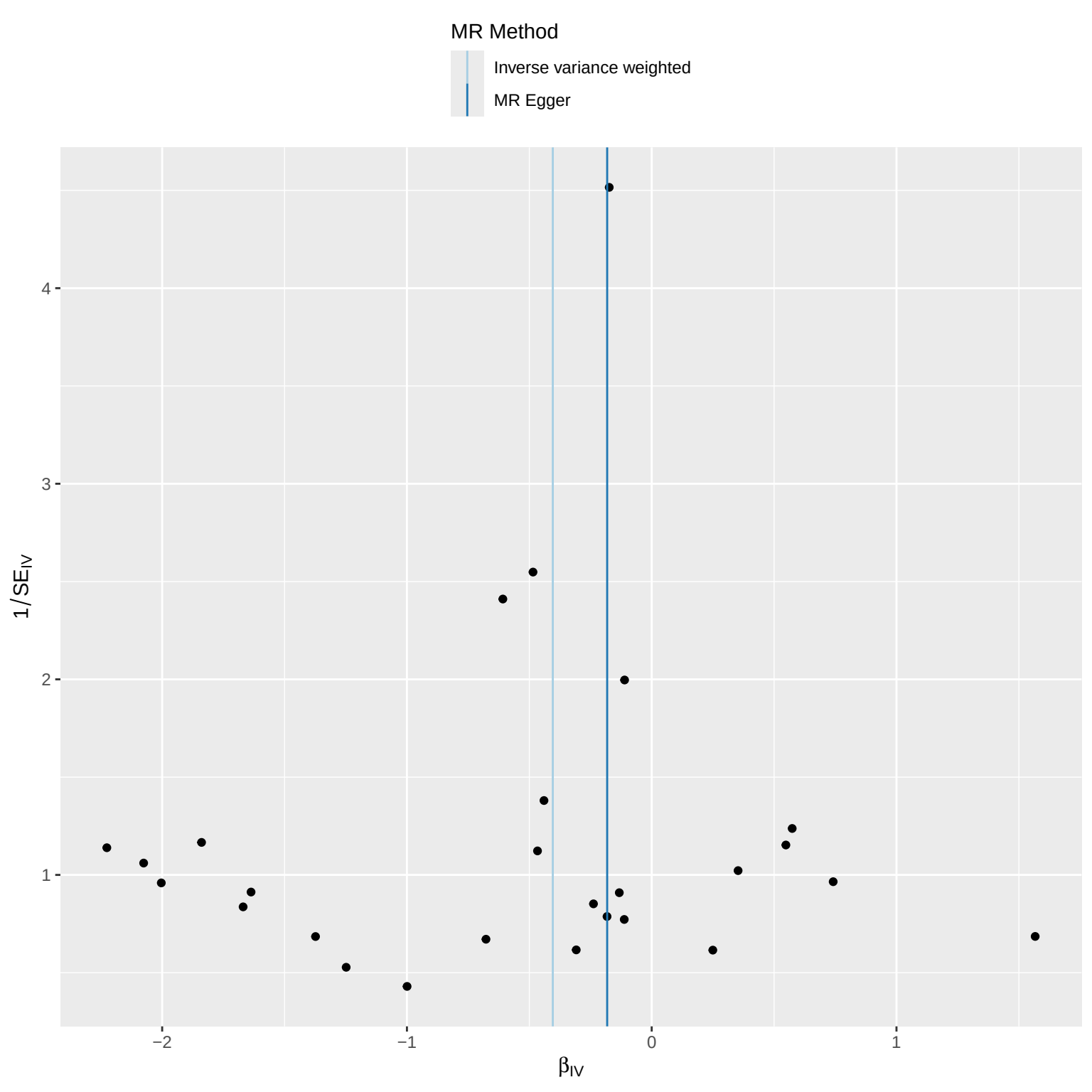

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

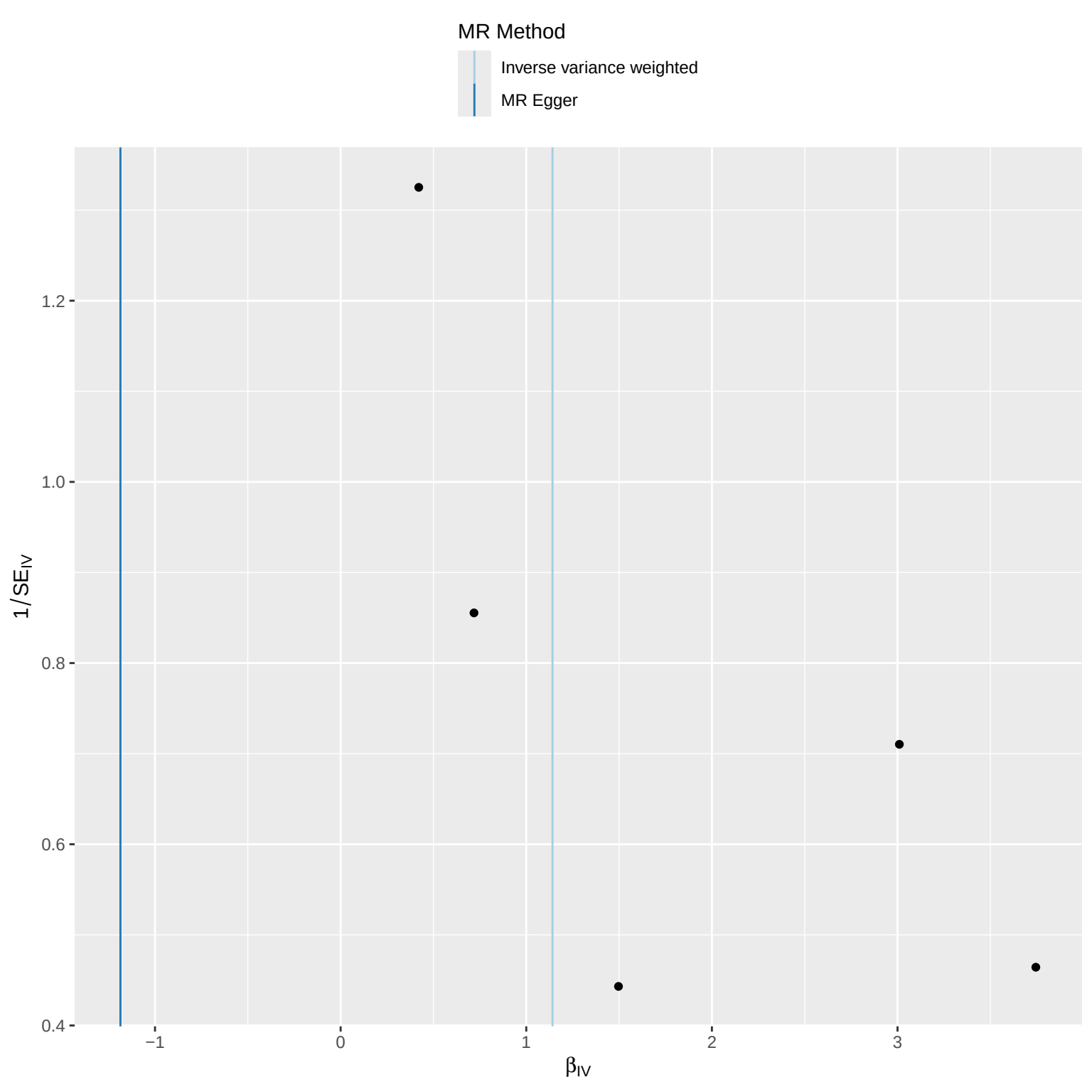

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

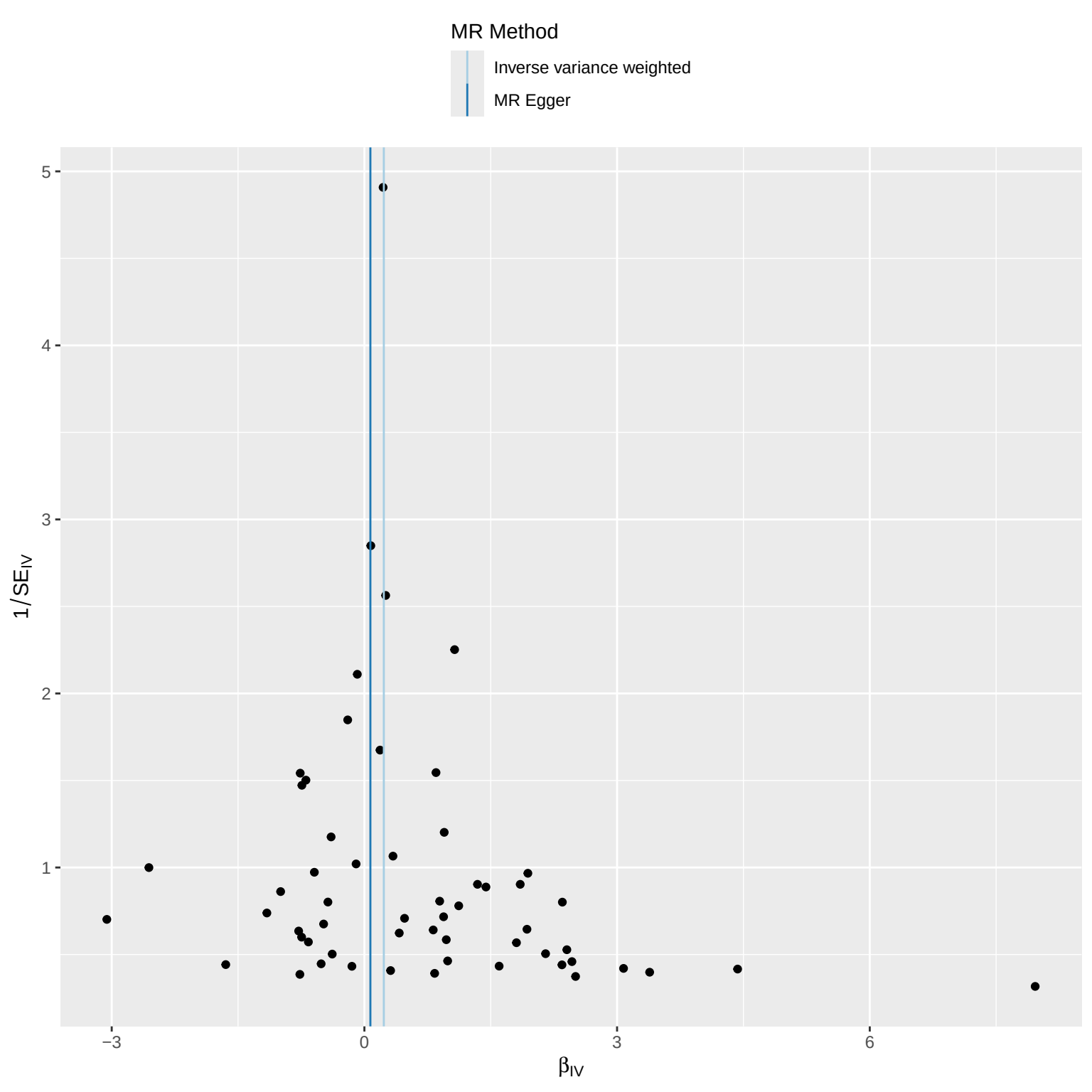

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

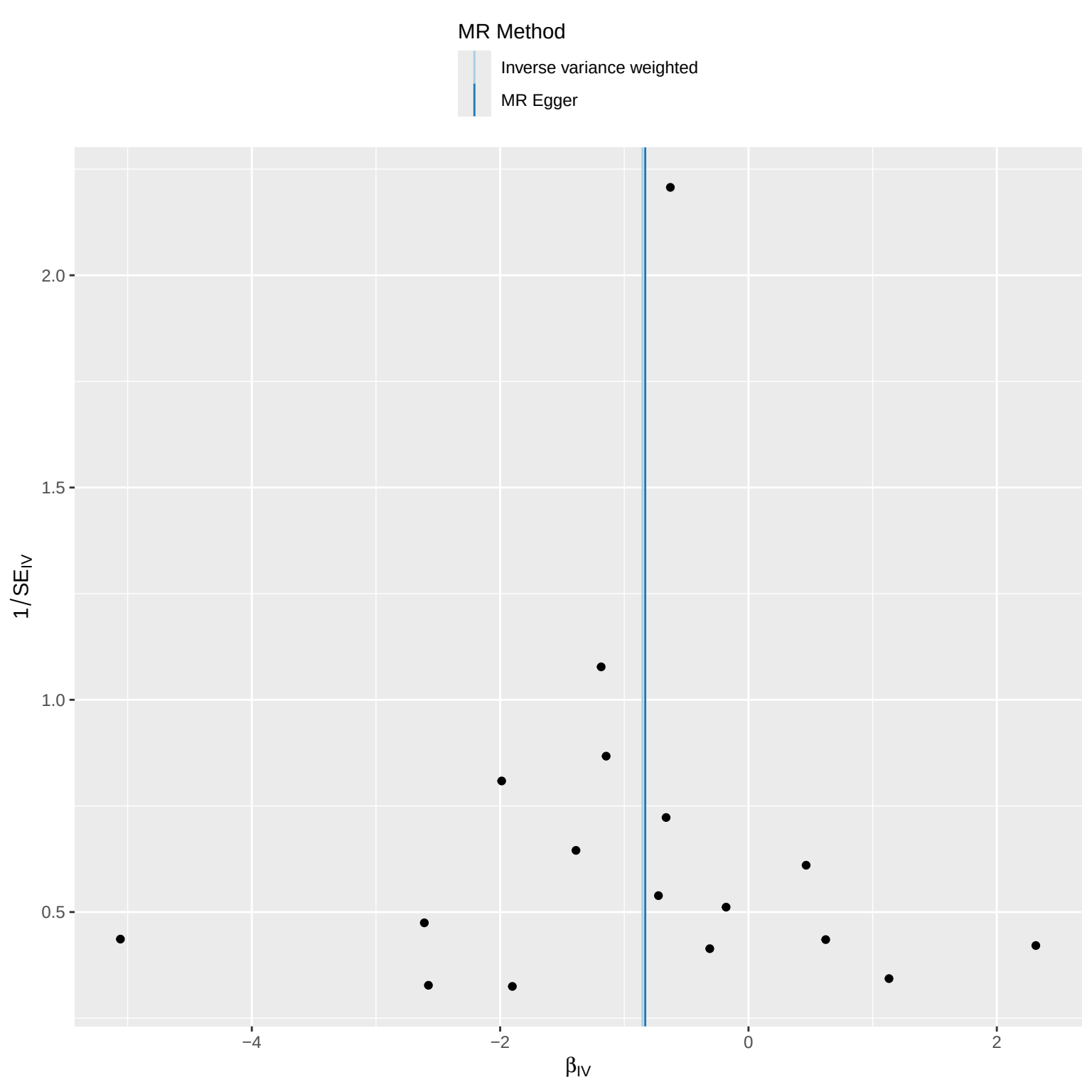

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

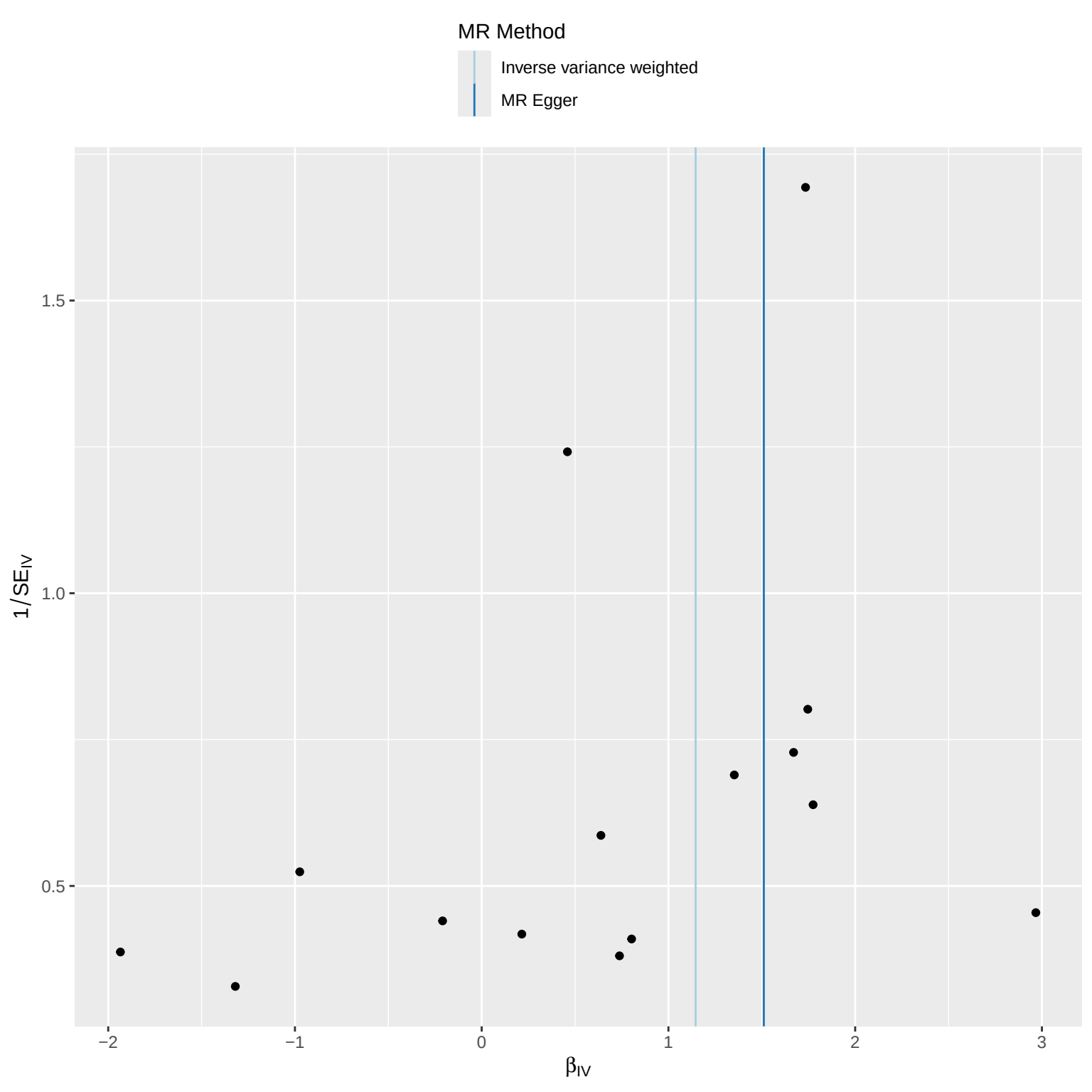

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
1
2
β_IV

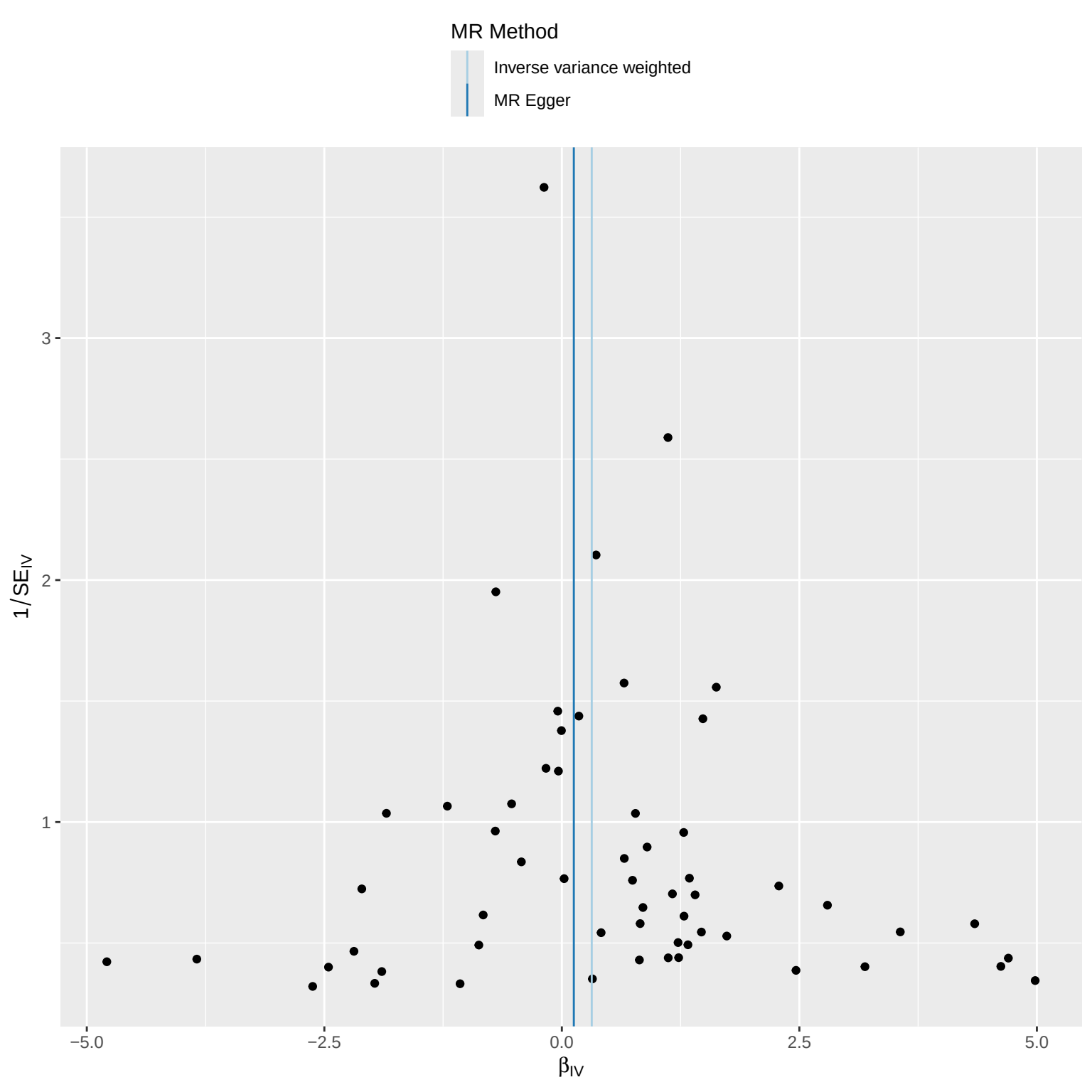

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

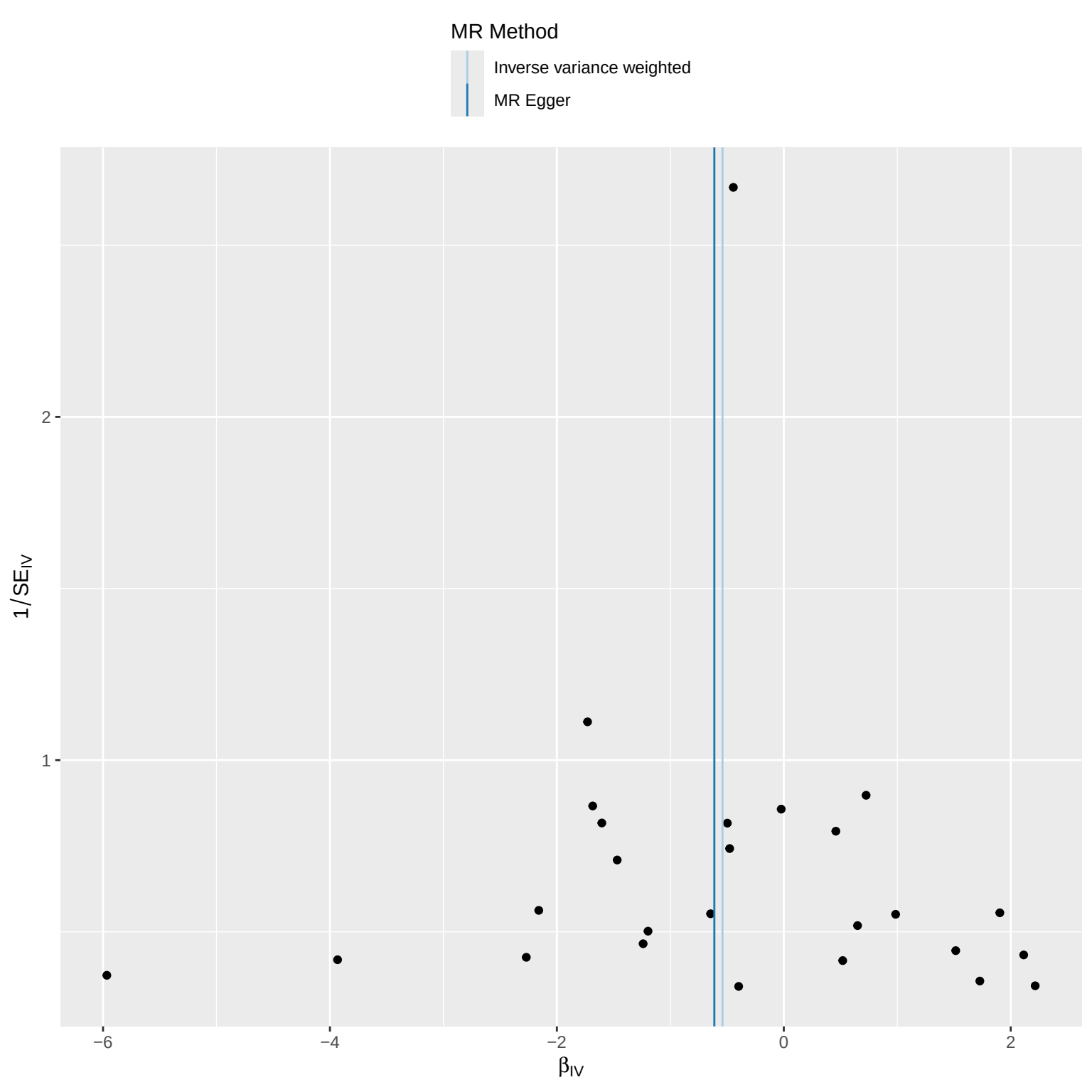

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−1
0
1
2
3
β_IV

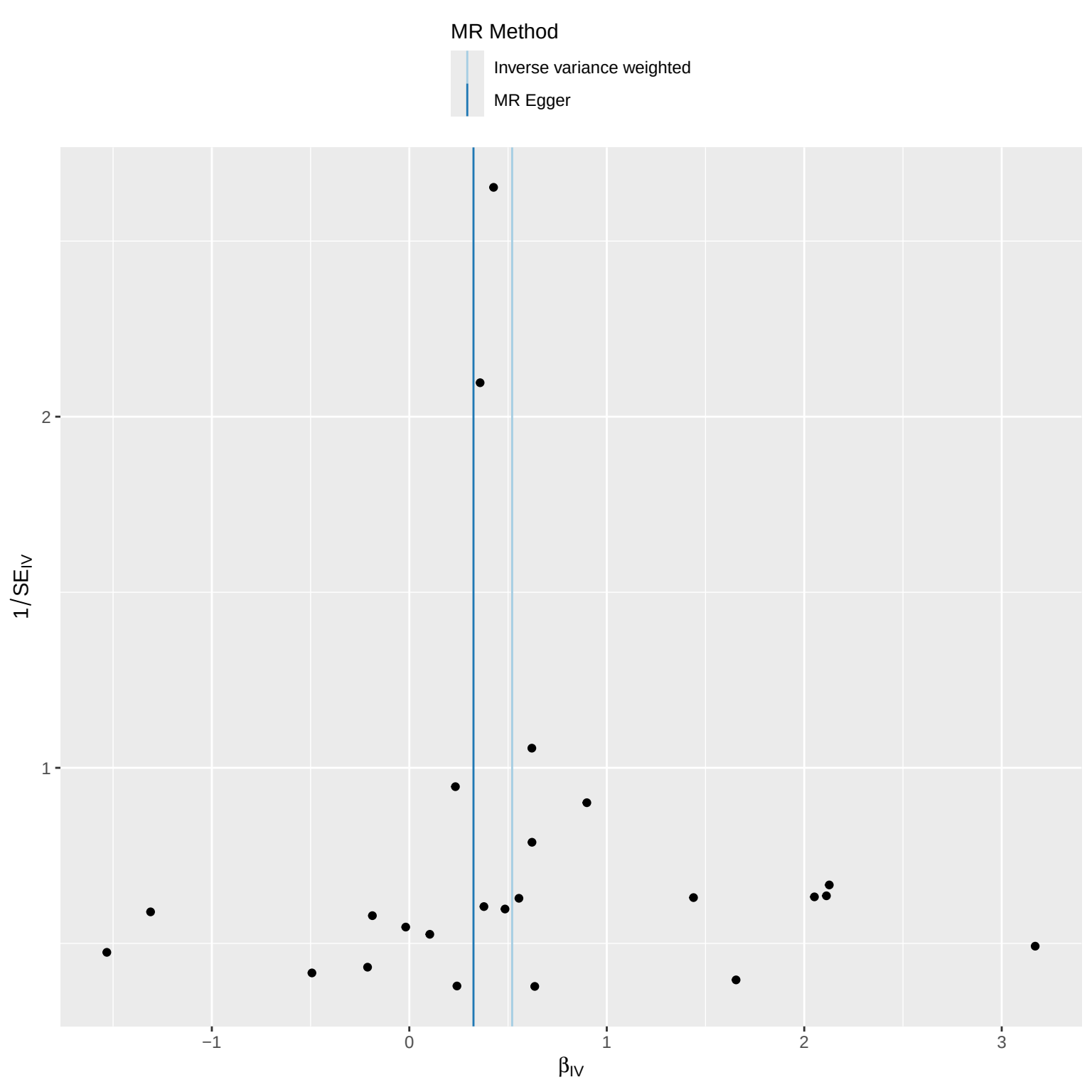

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
0
3
6
β_IV

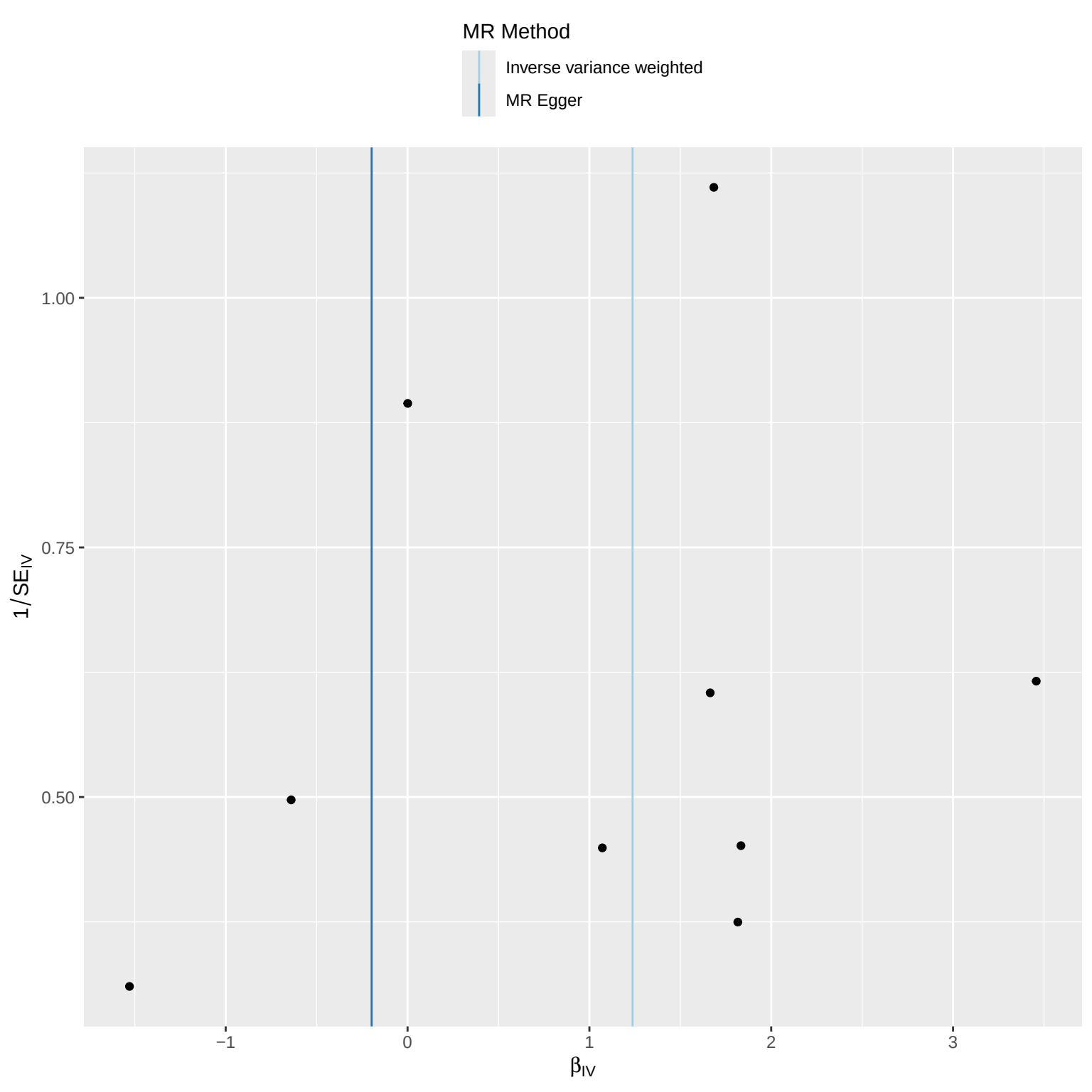

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

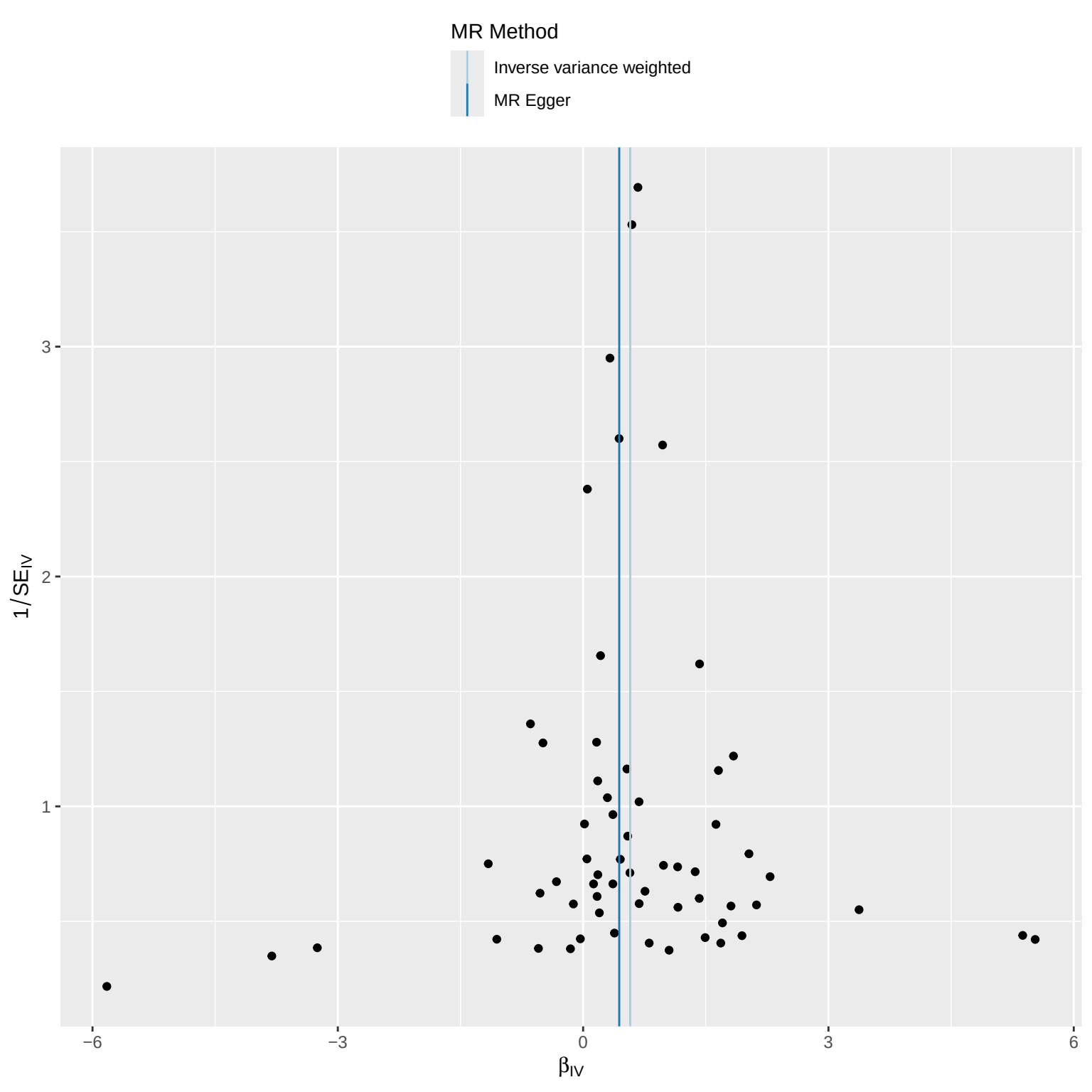

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

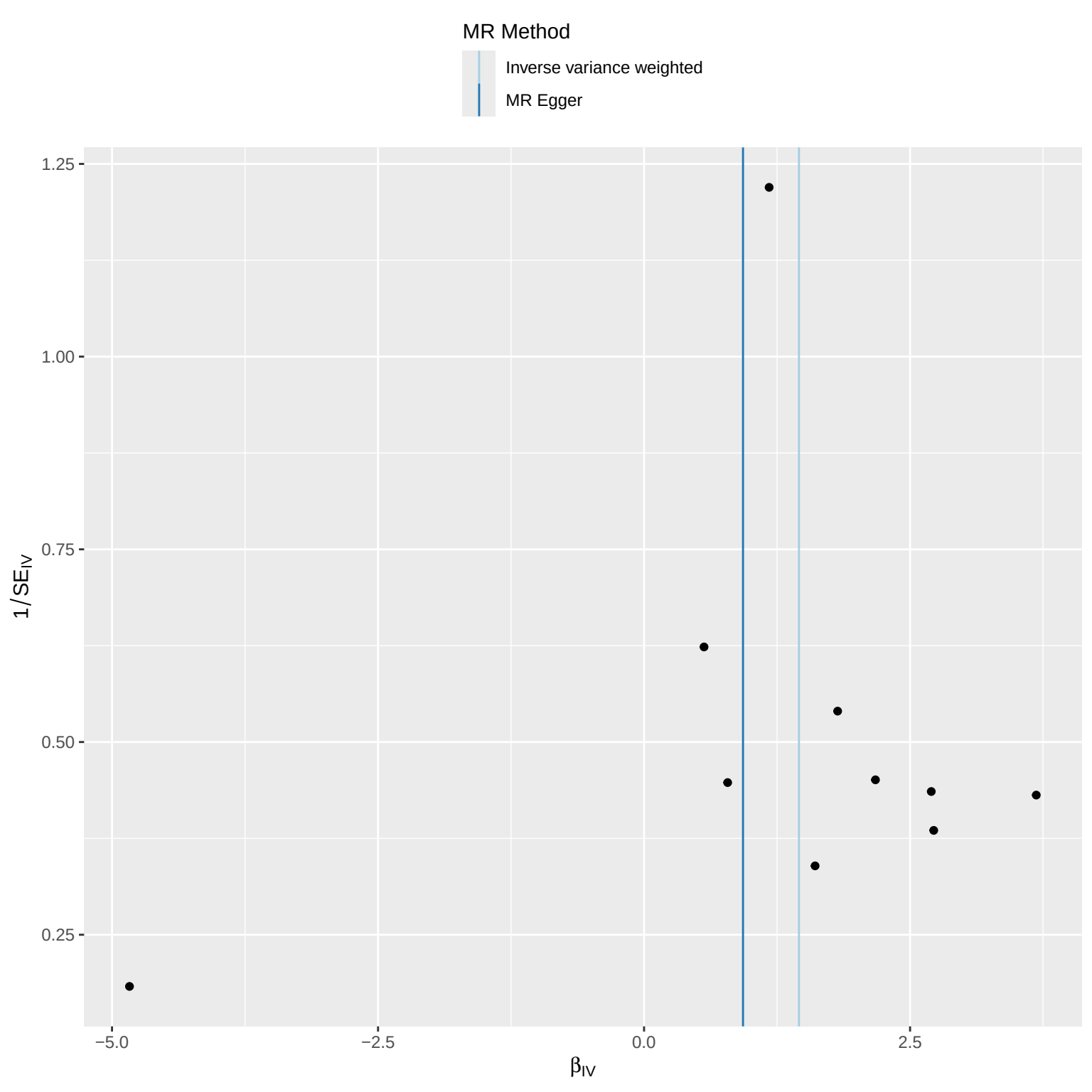

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

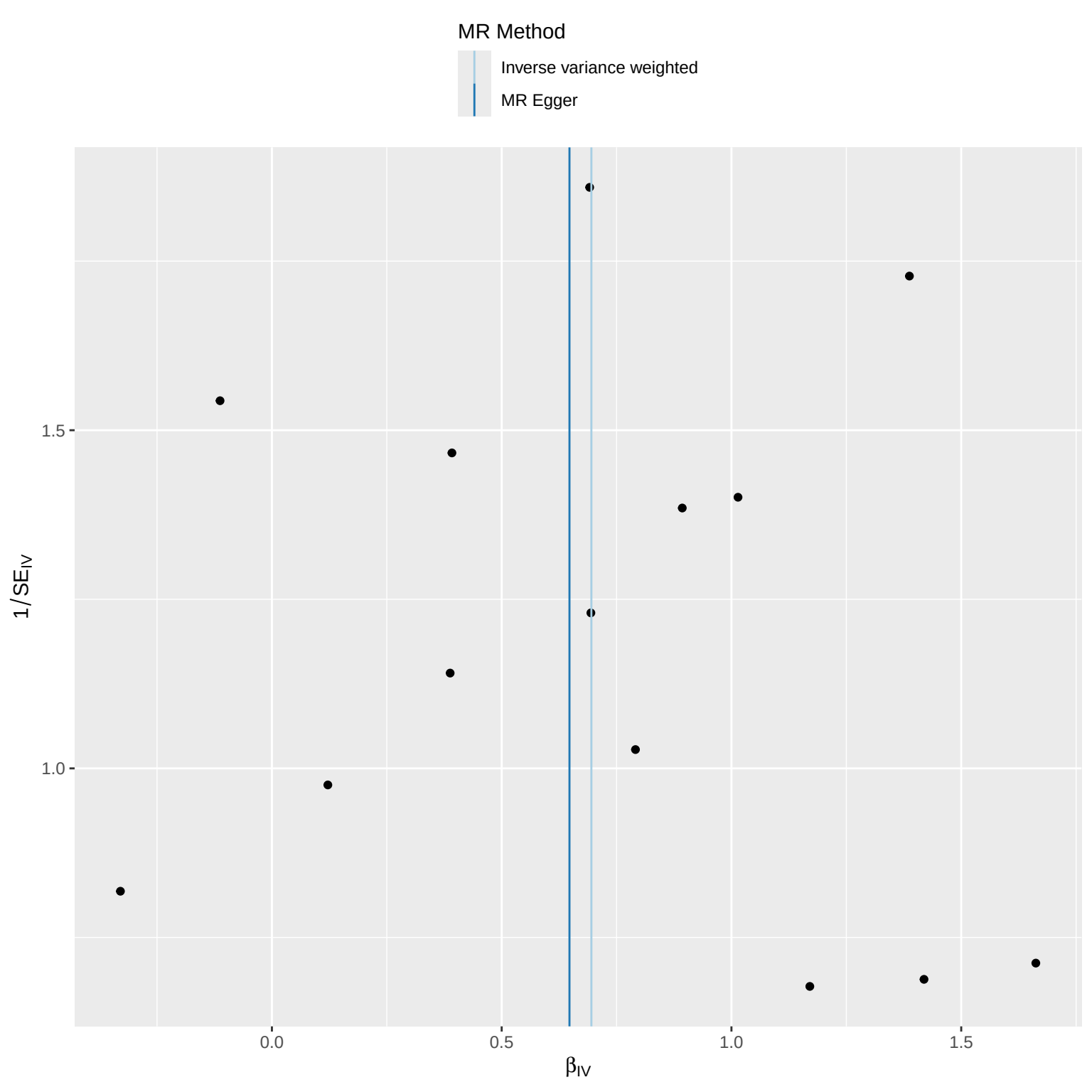

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

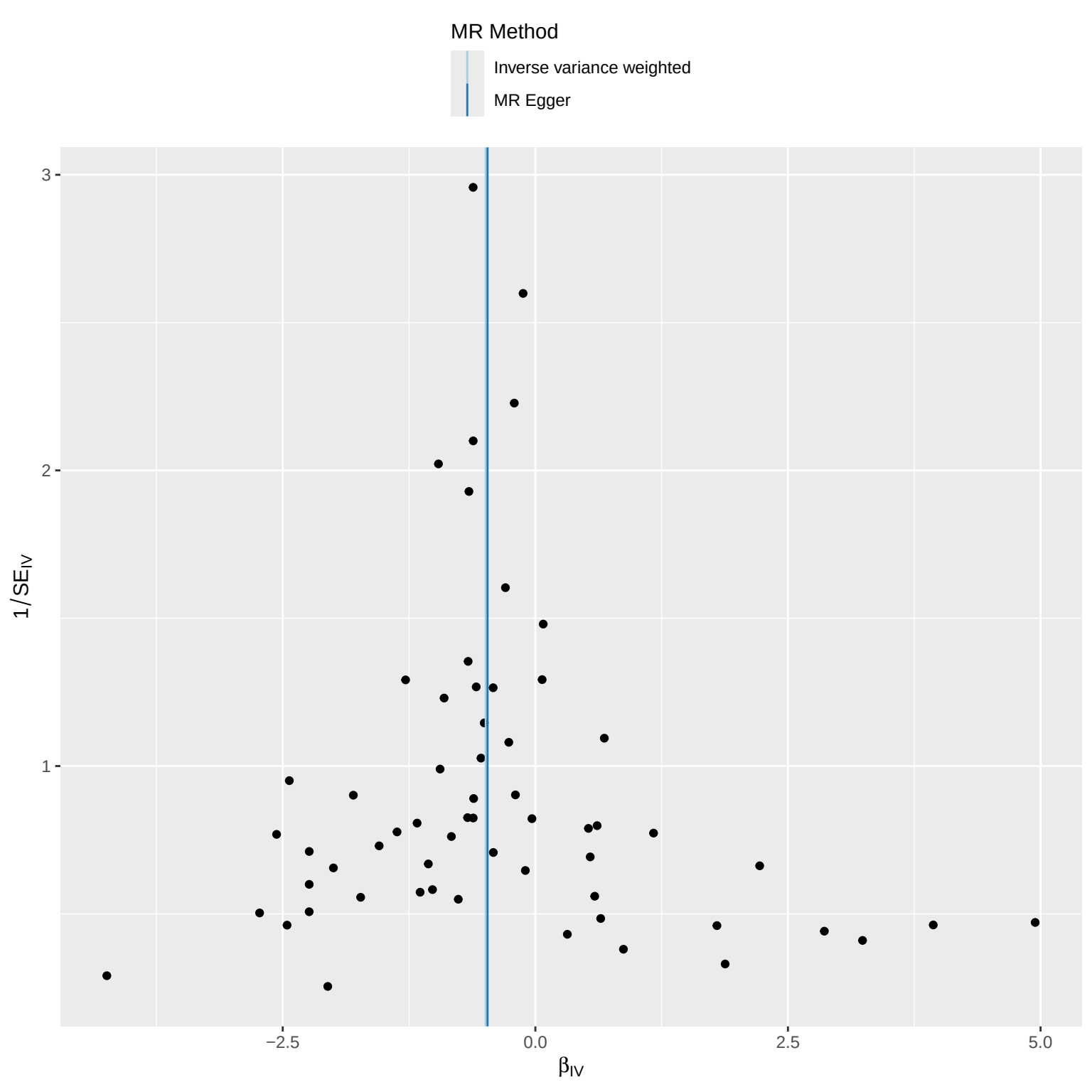

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

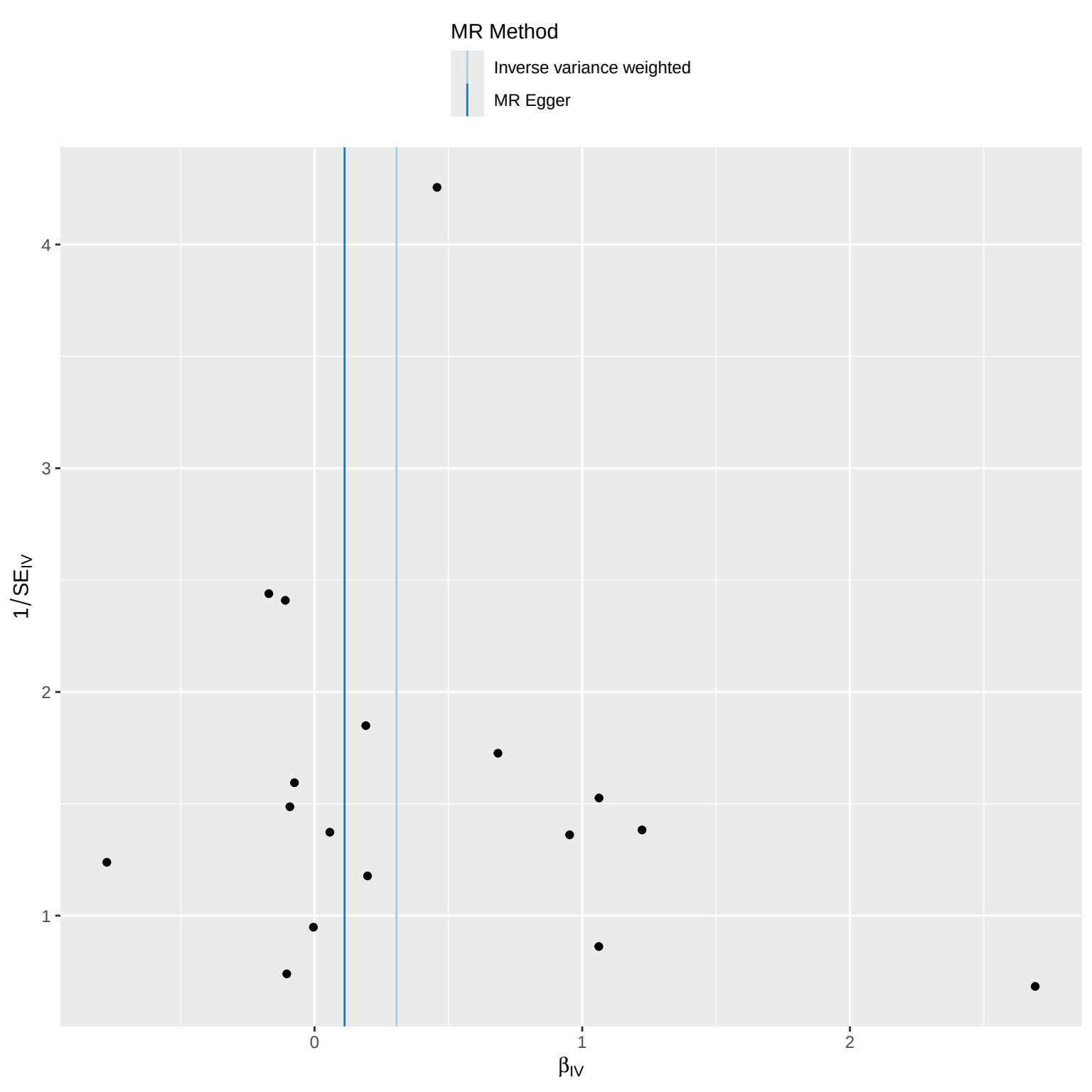

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

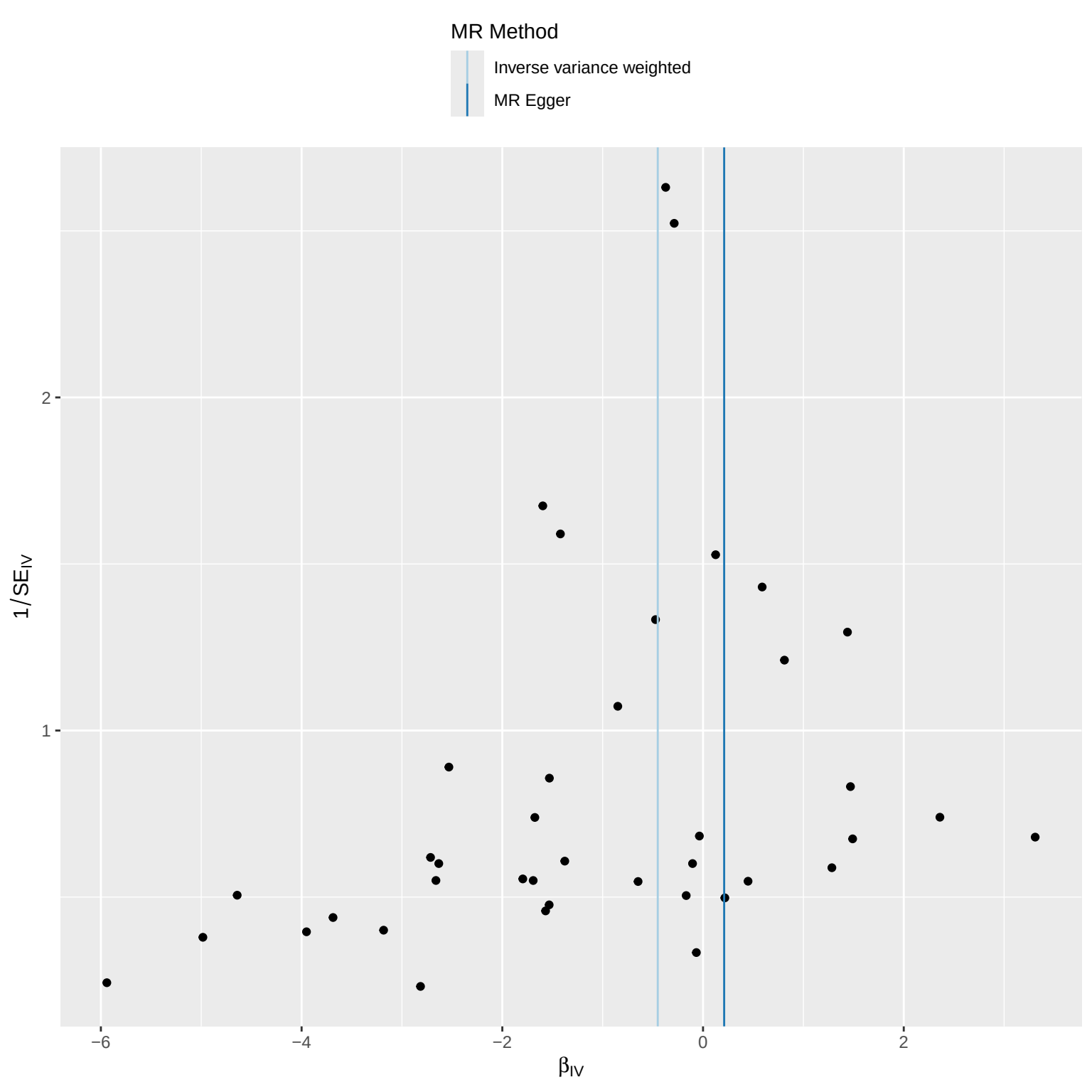

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
3
6
β_IV

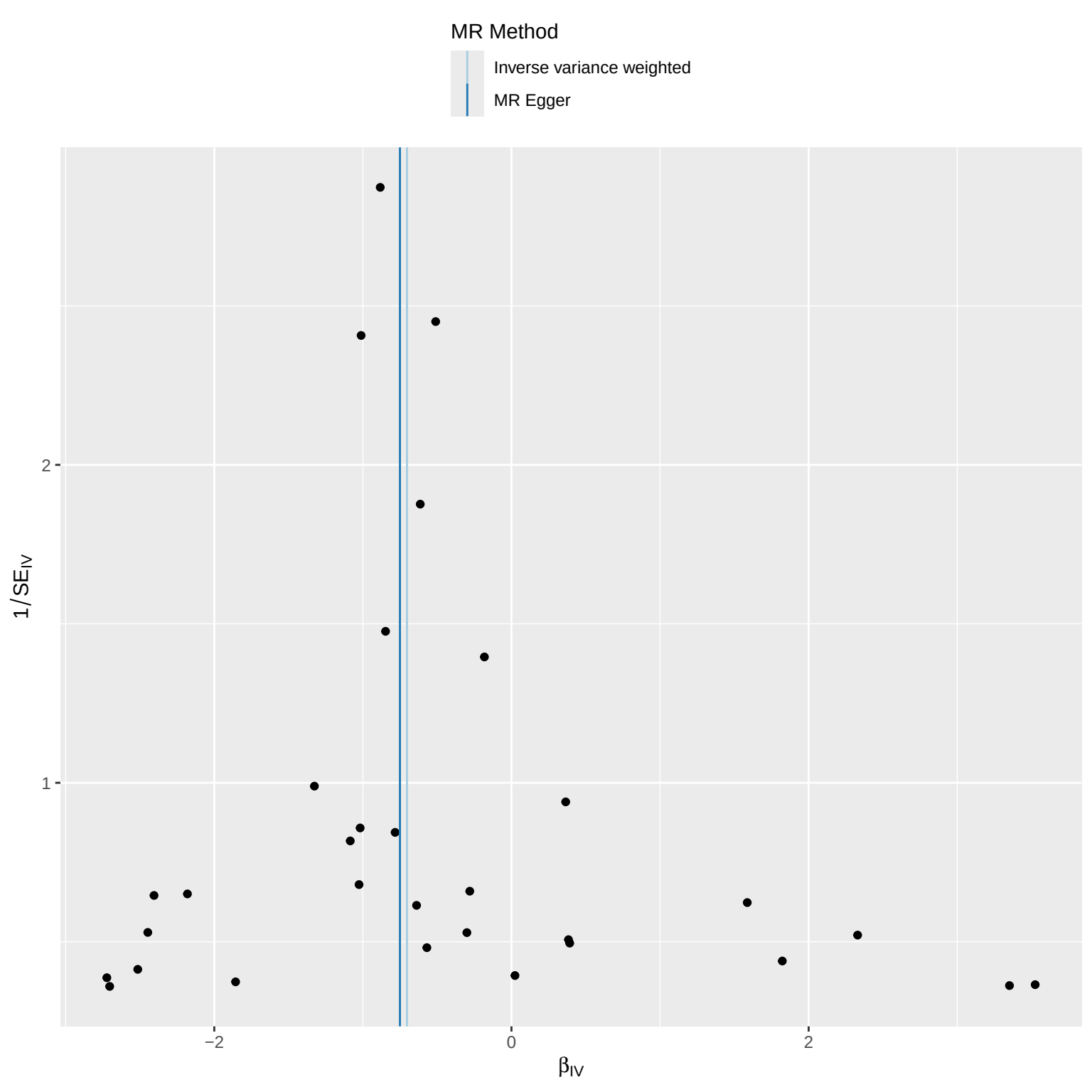

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

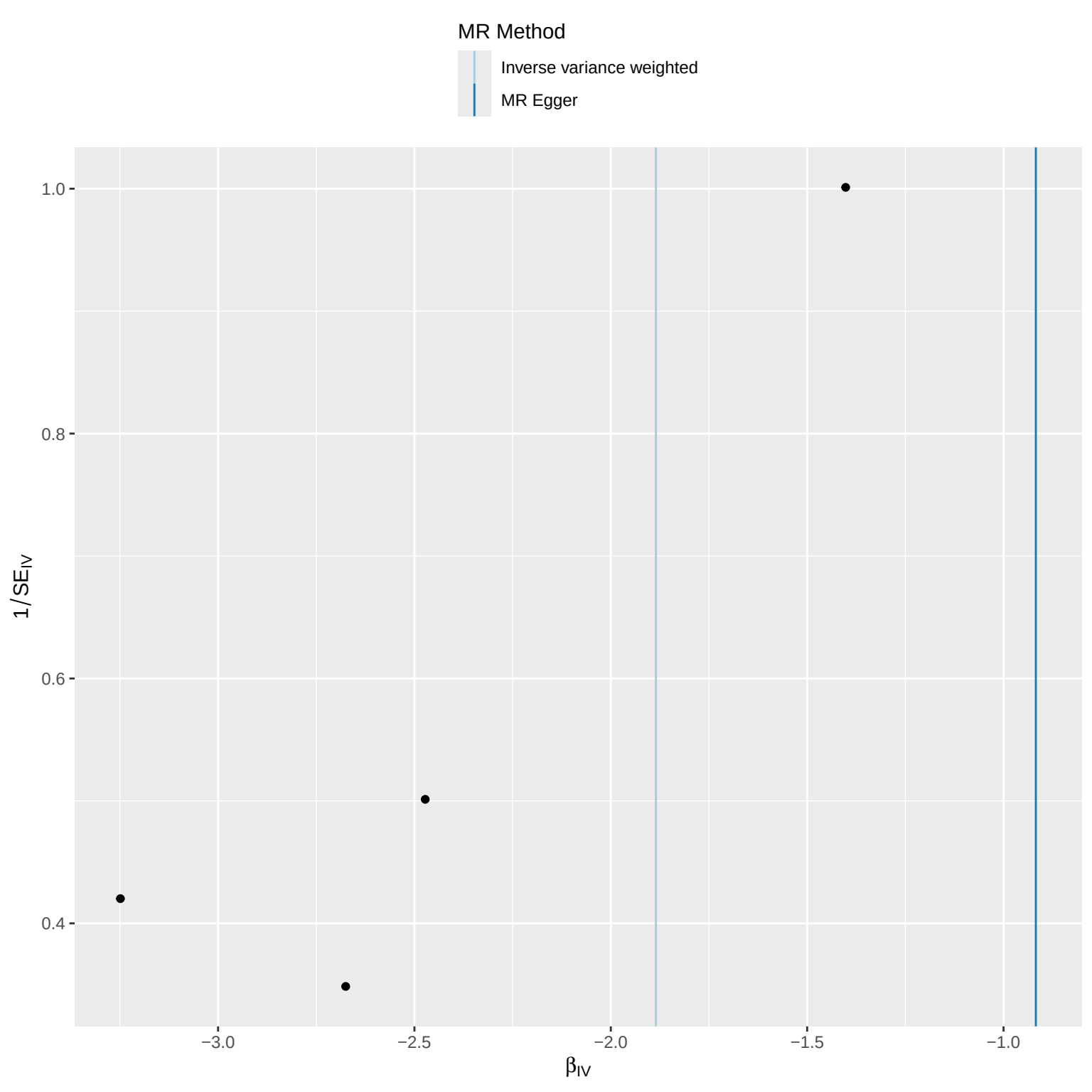

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

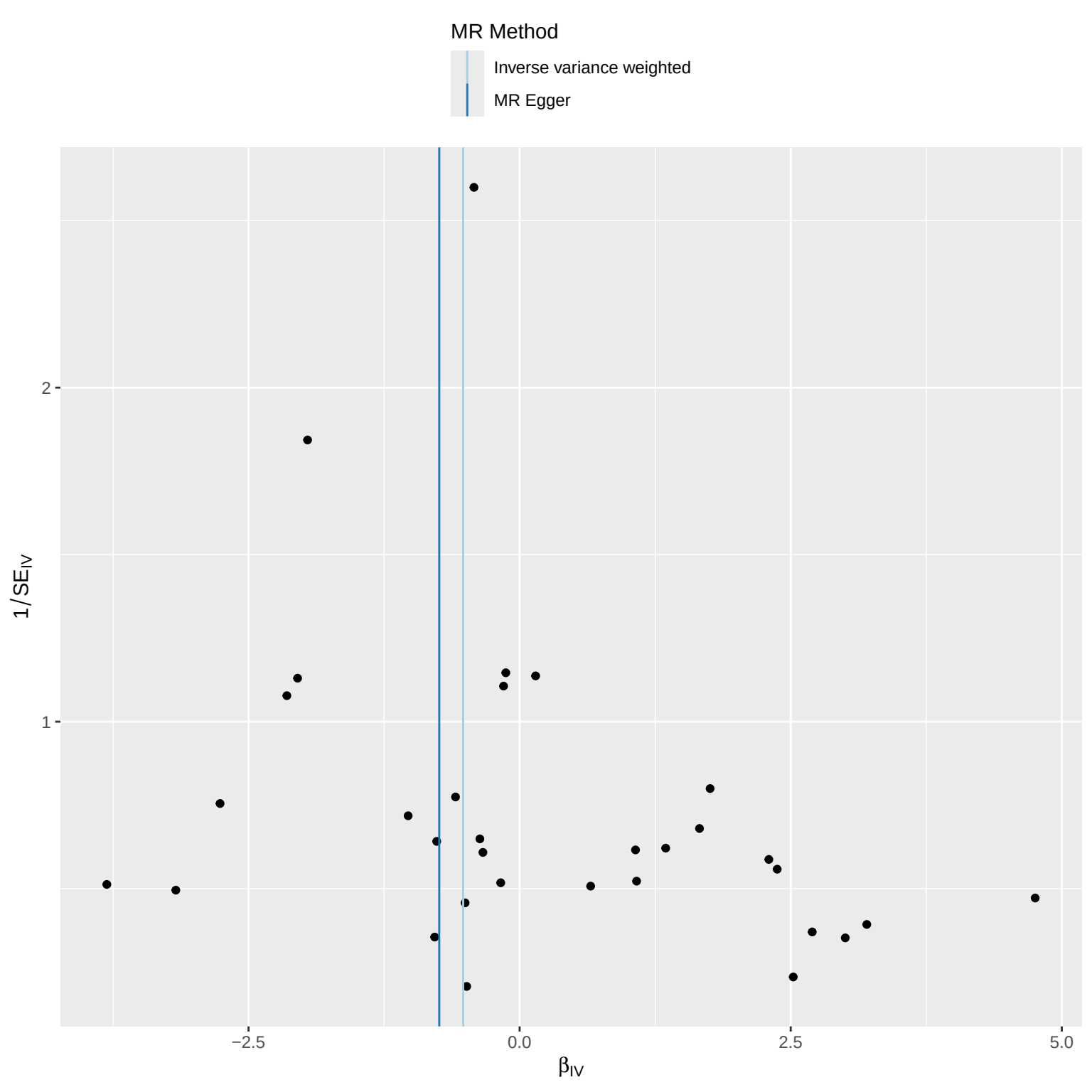

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

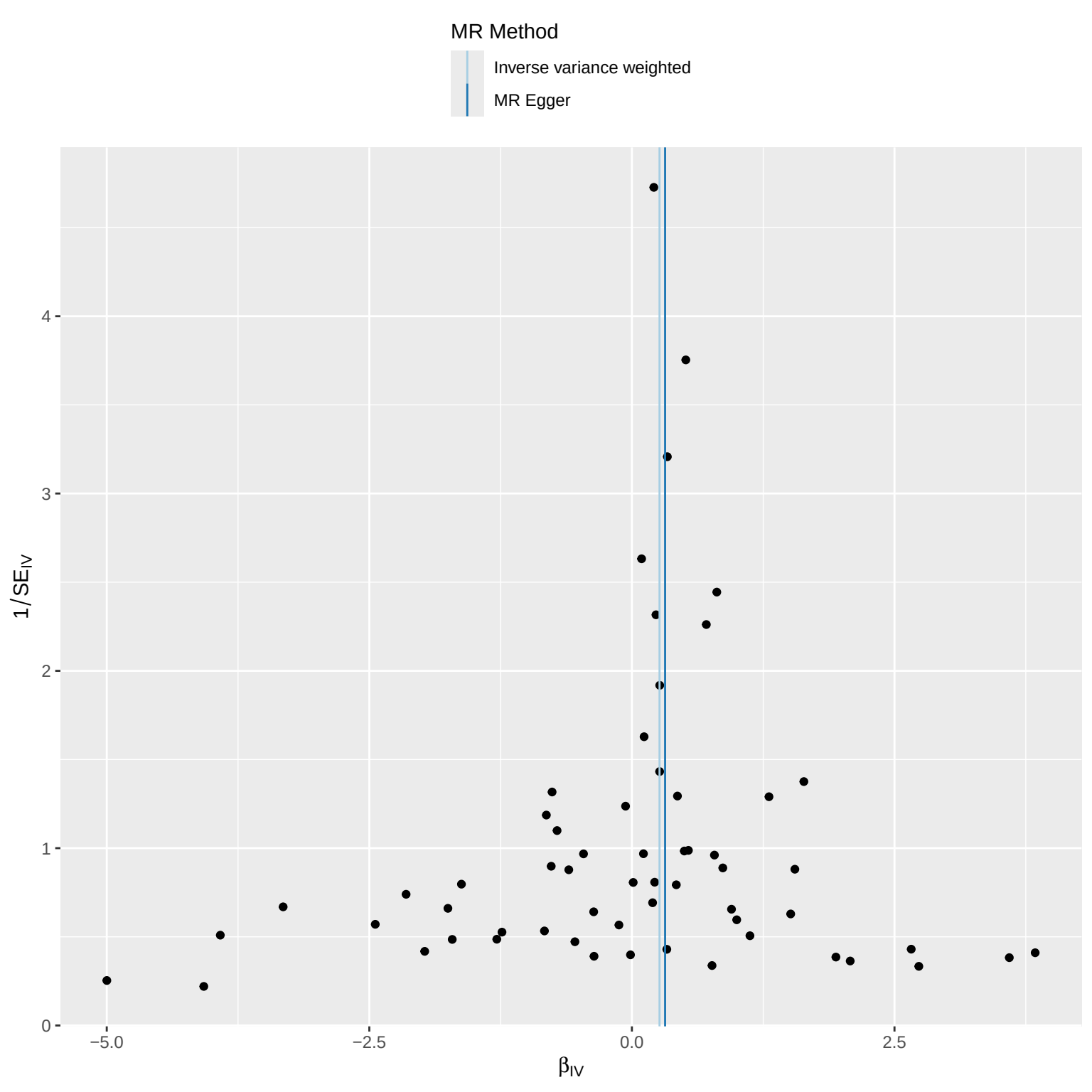

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

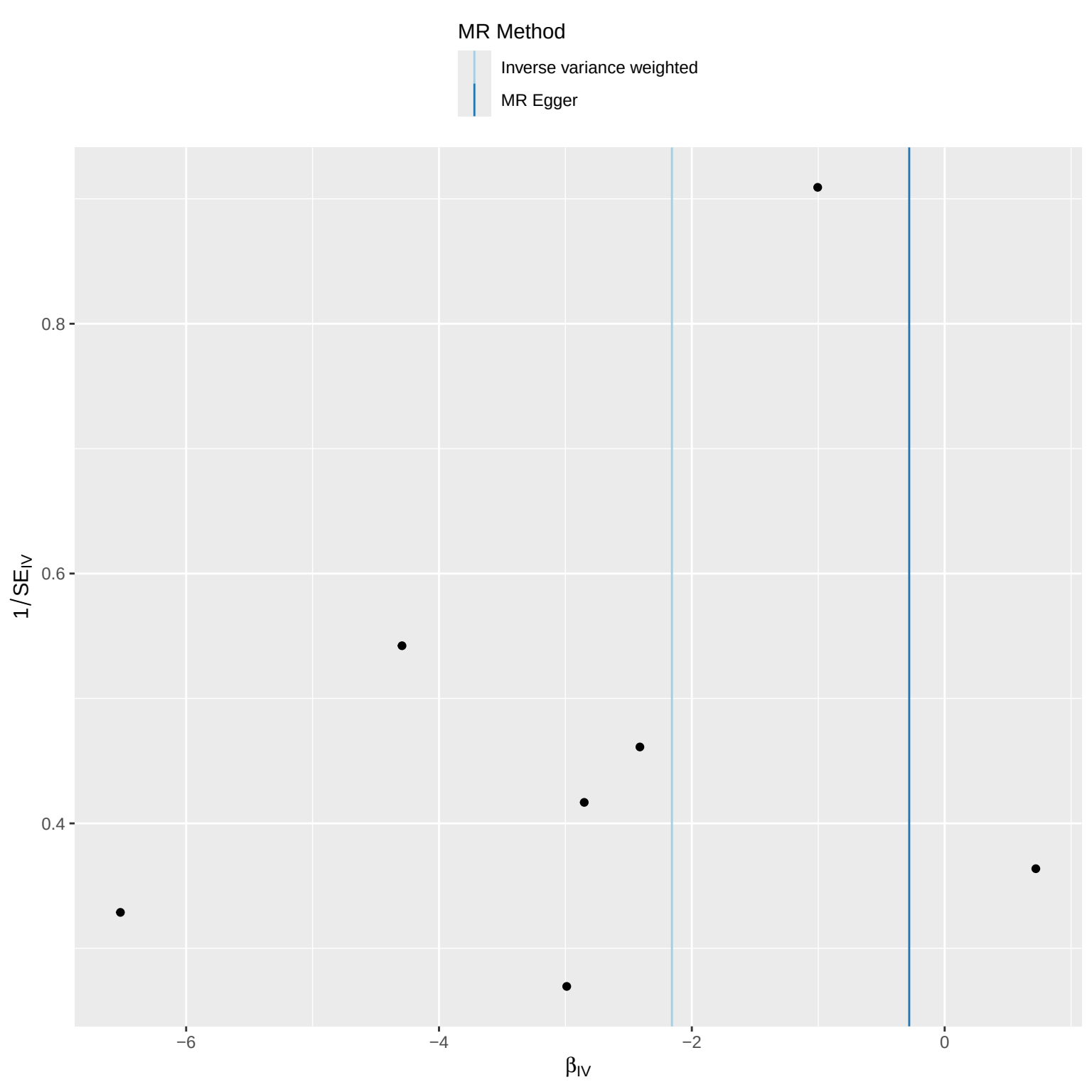

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

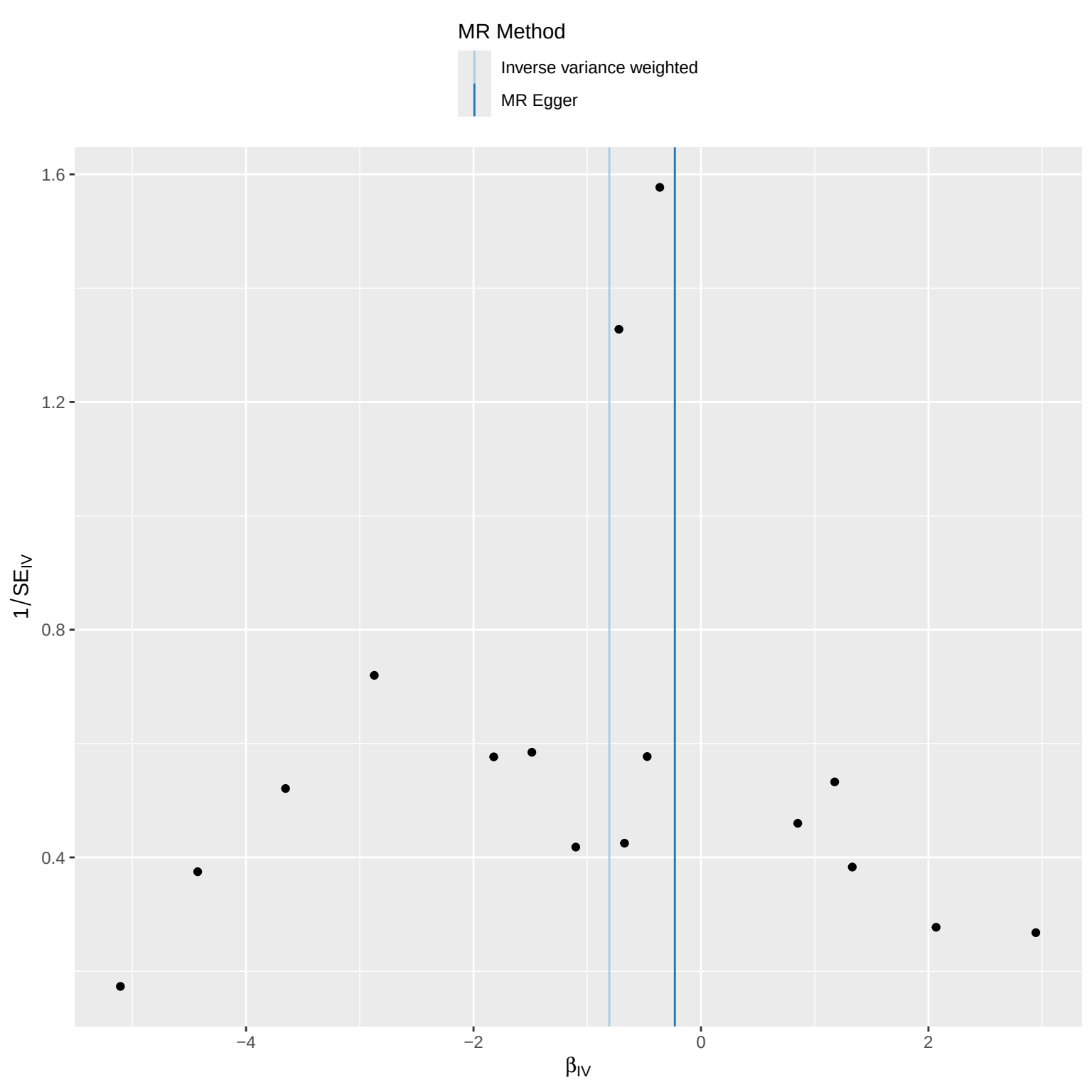

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

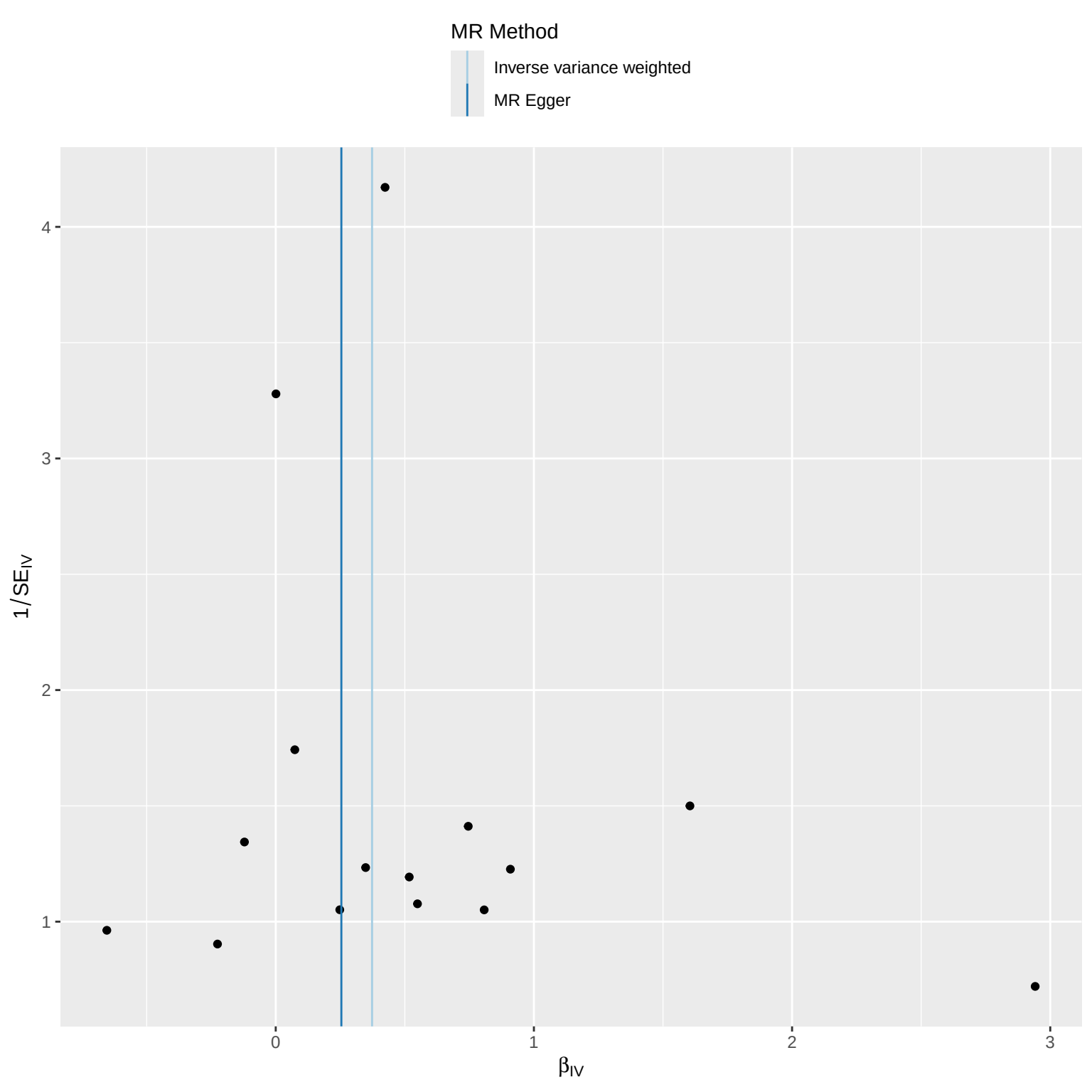

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−3.0
−2.5
−2.0
−1.5
−1.0
β_IV

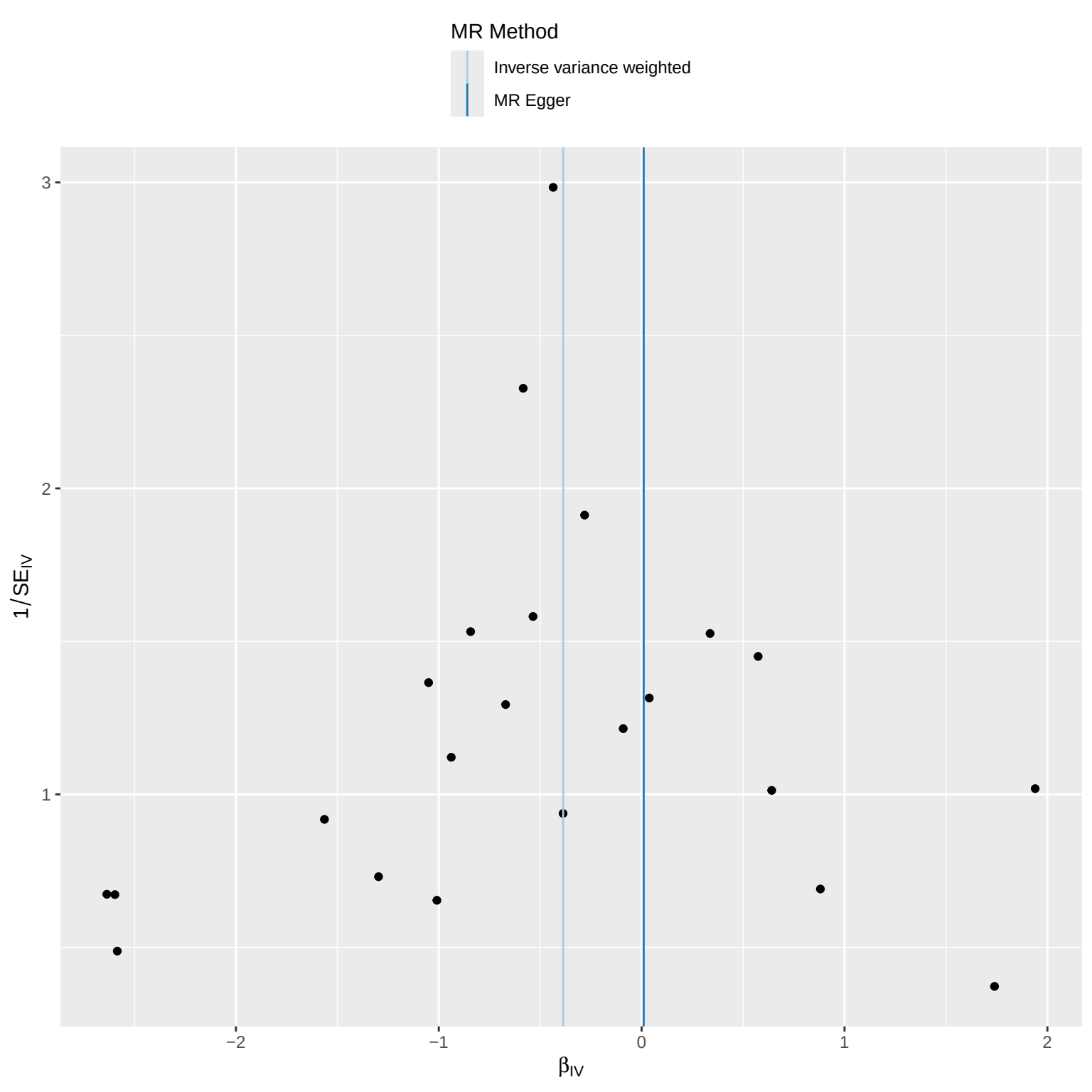

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

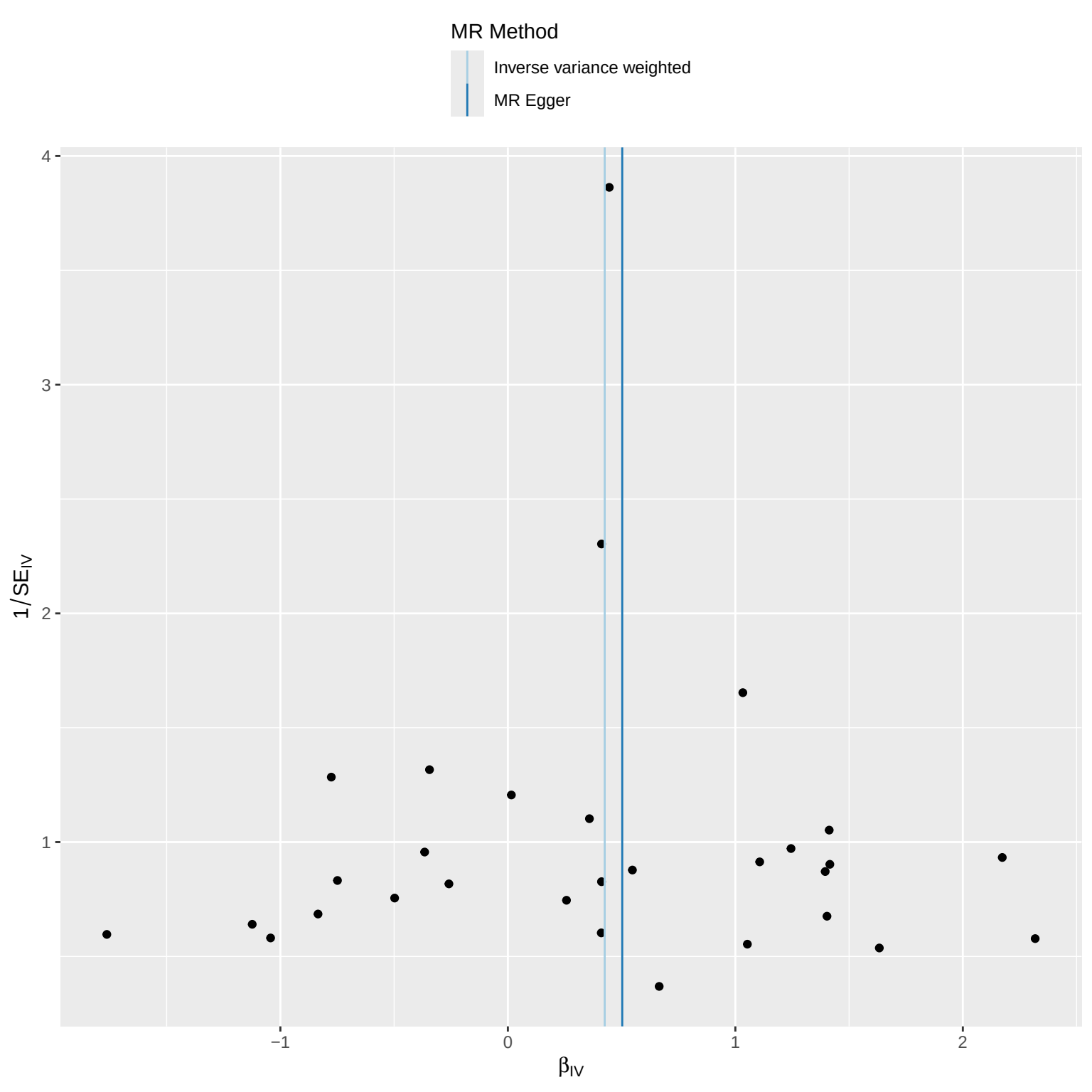

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
0
1
2
3
4
−5.0
−2.5
0.0
2.5

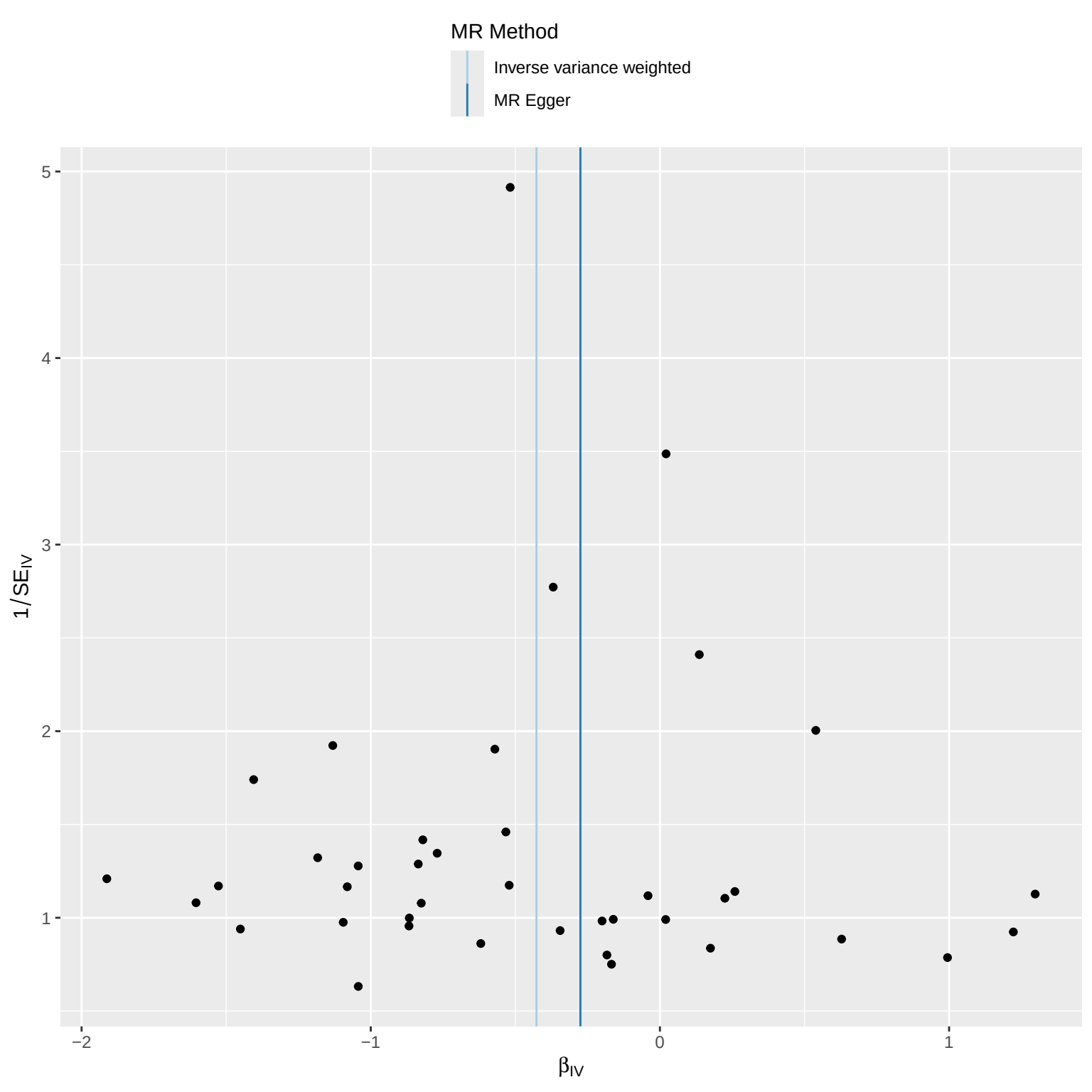

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
β_IV

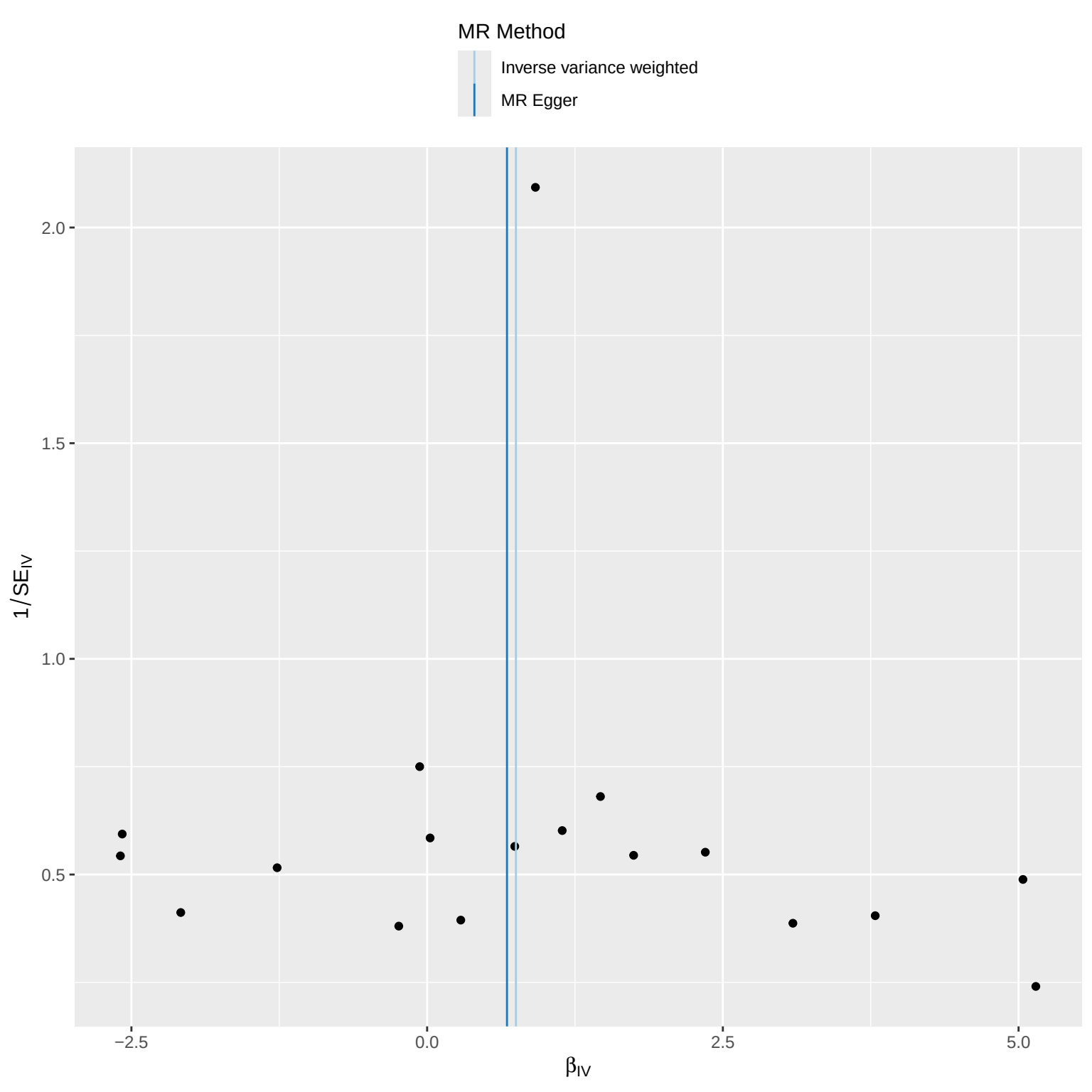

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
β_IV

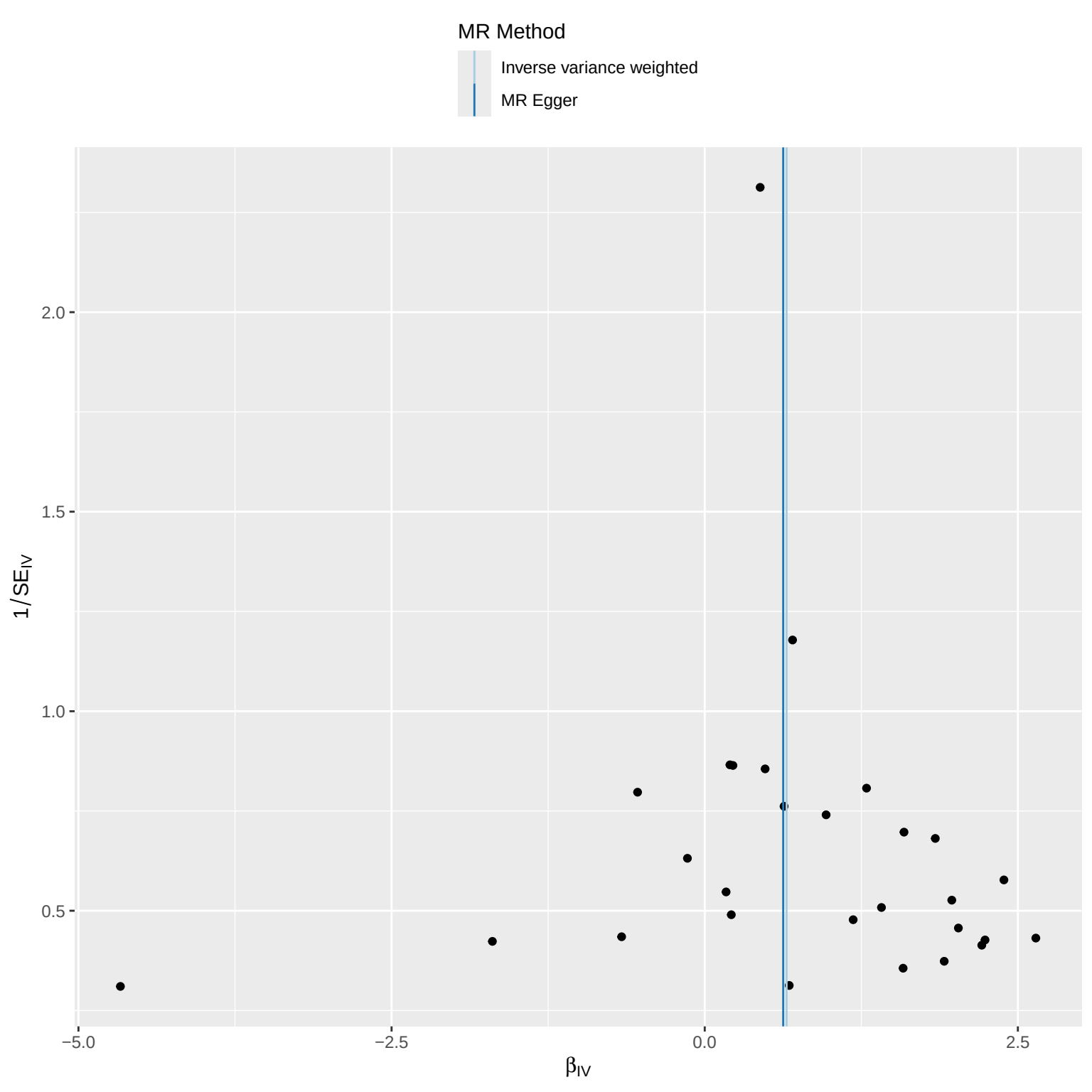

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

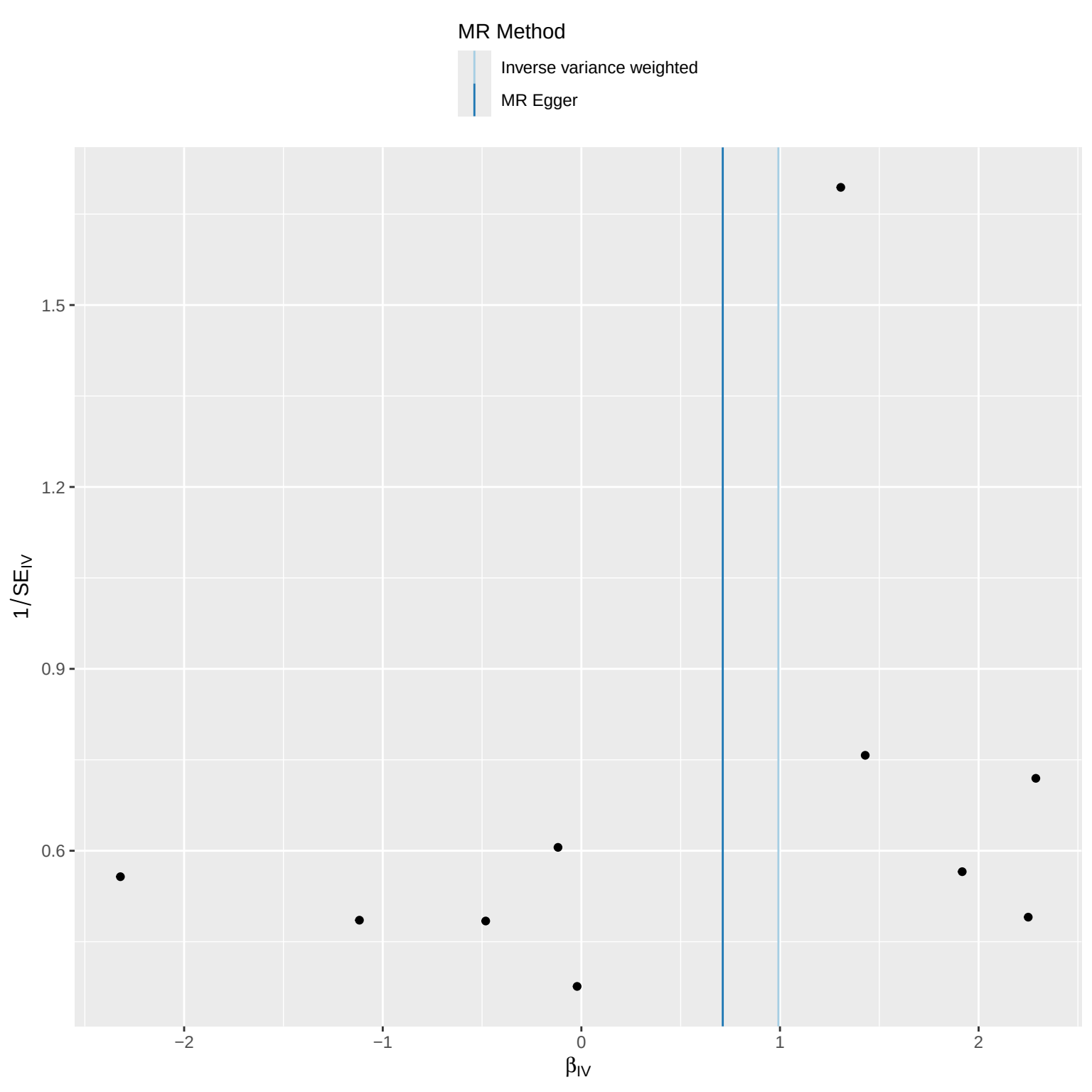

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

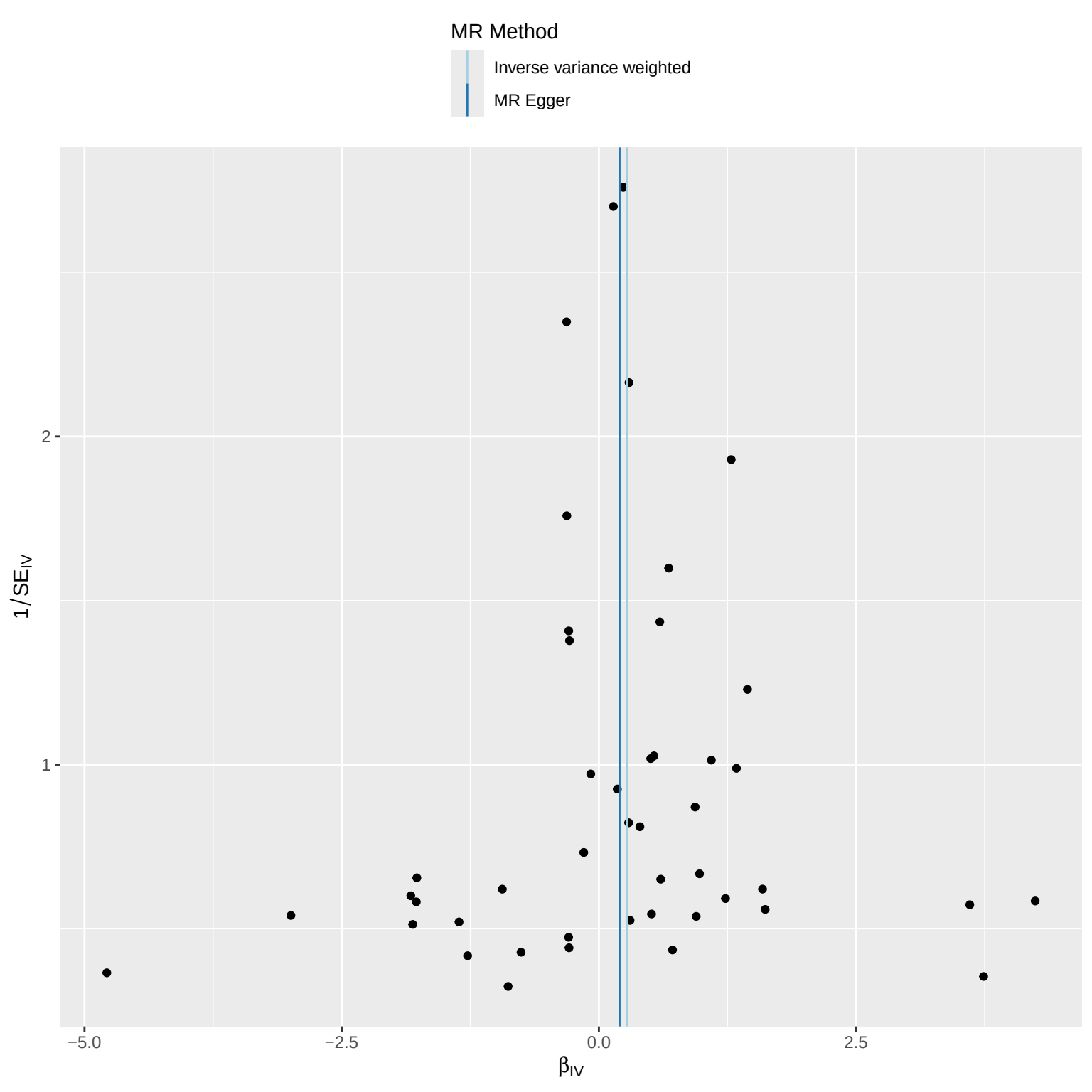

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

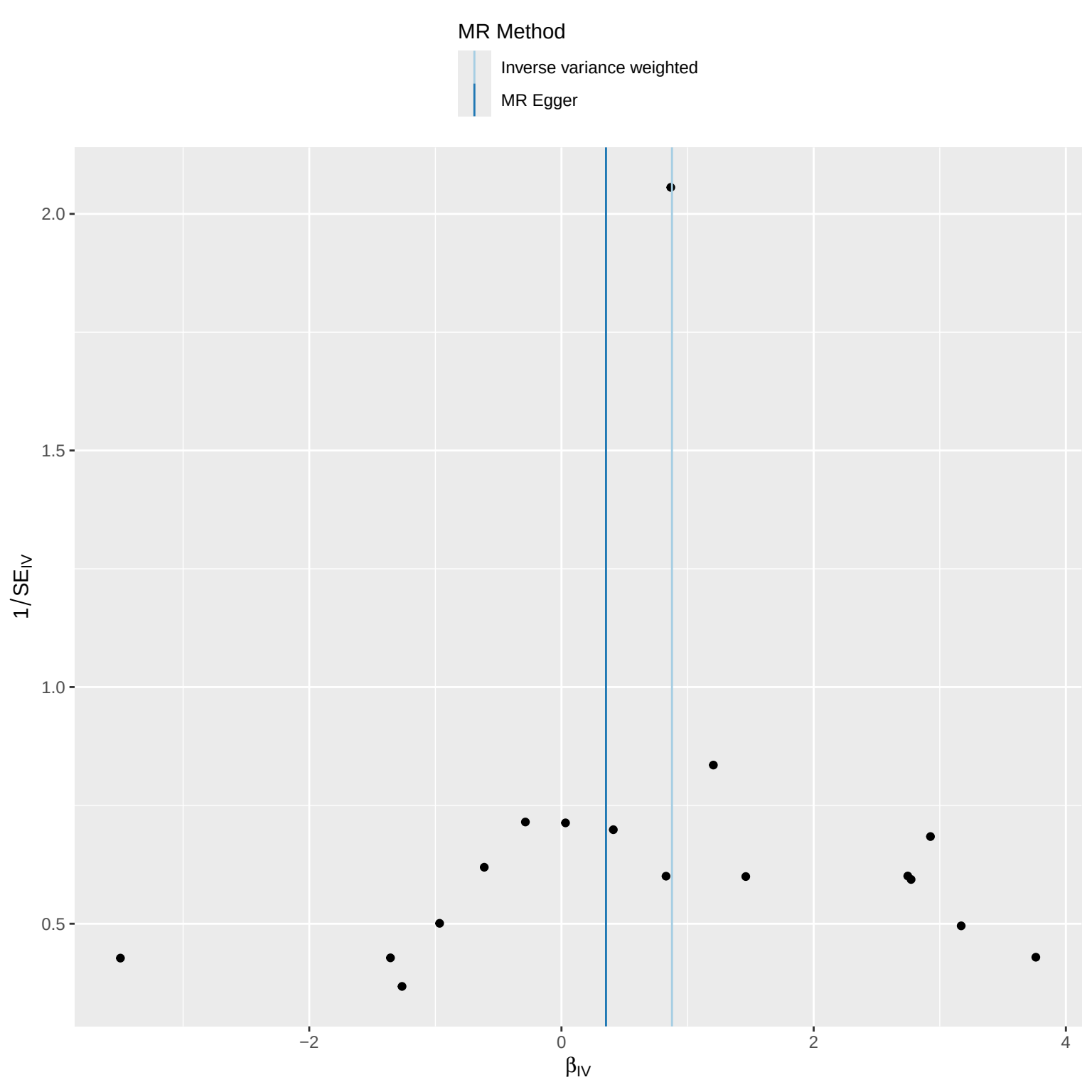

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

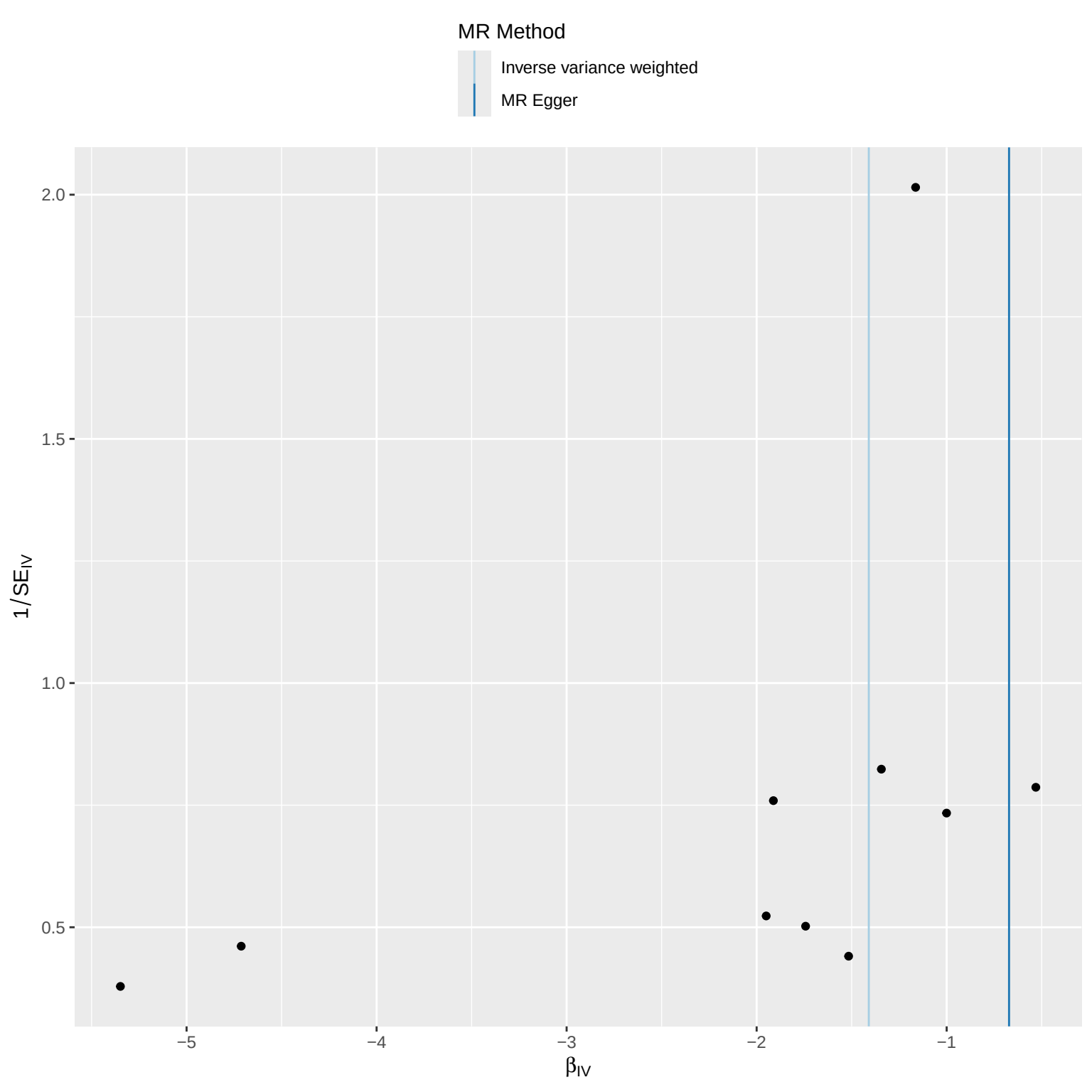

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

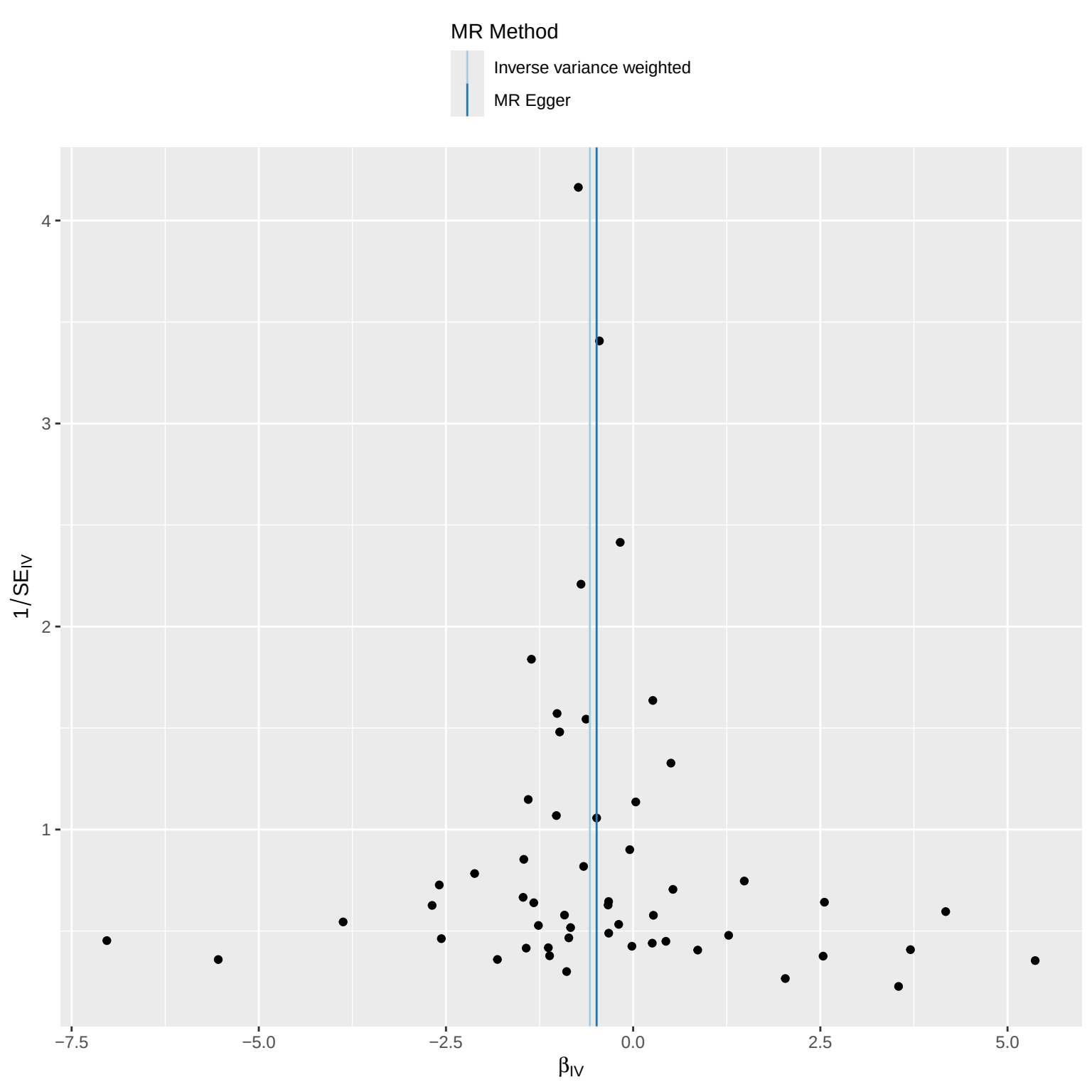

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

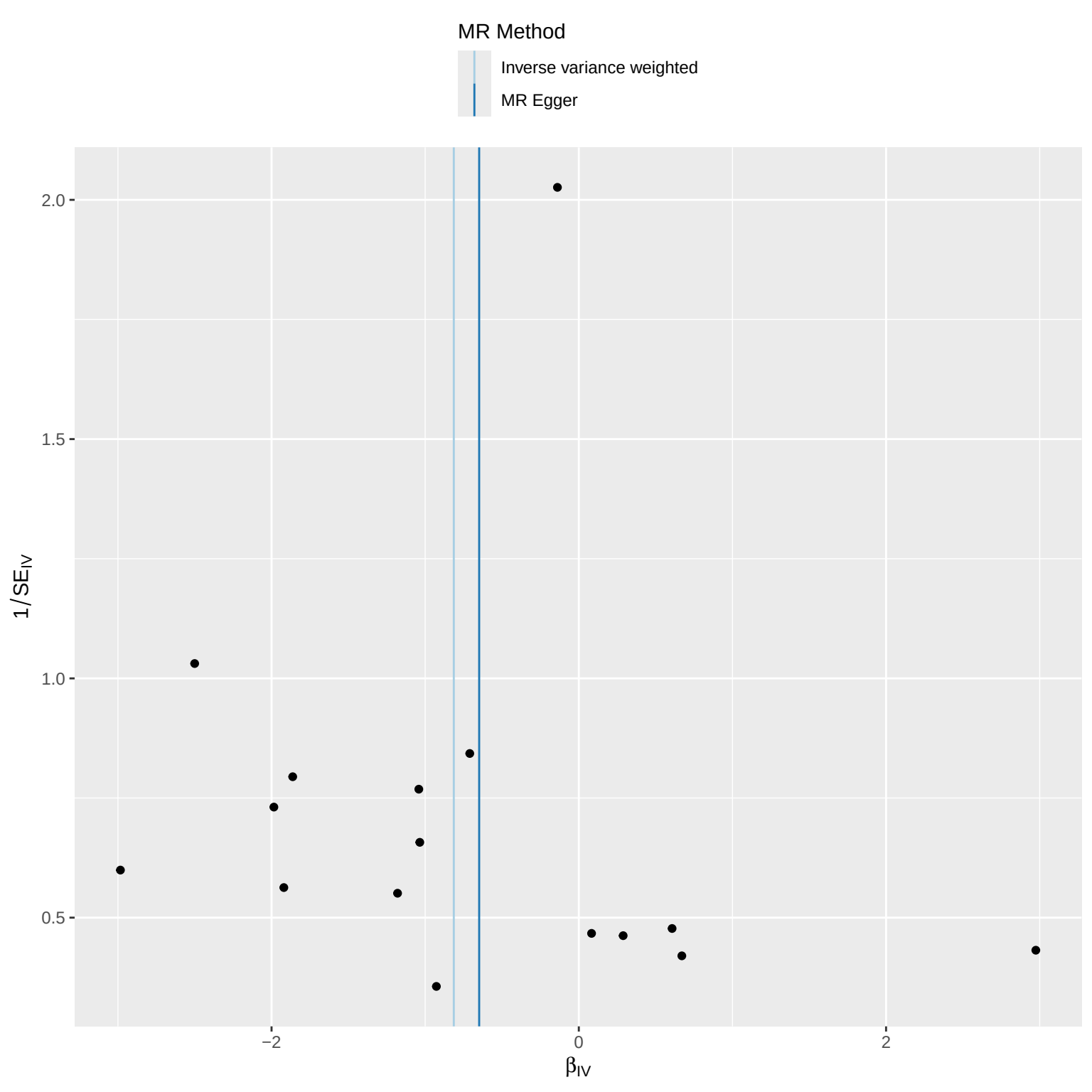

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
2
β_IV

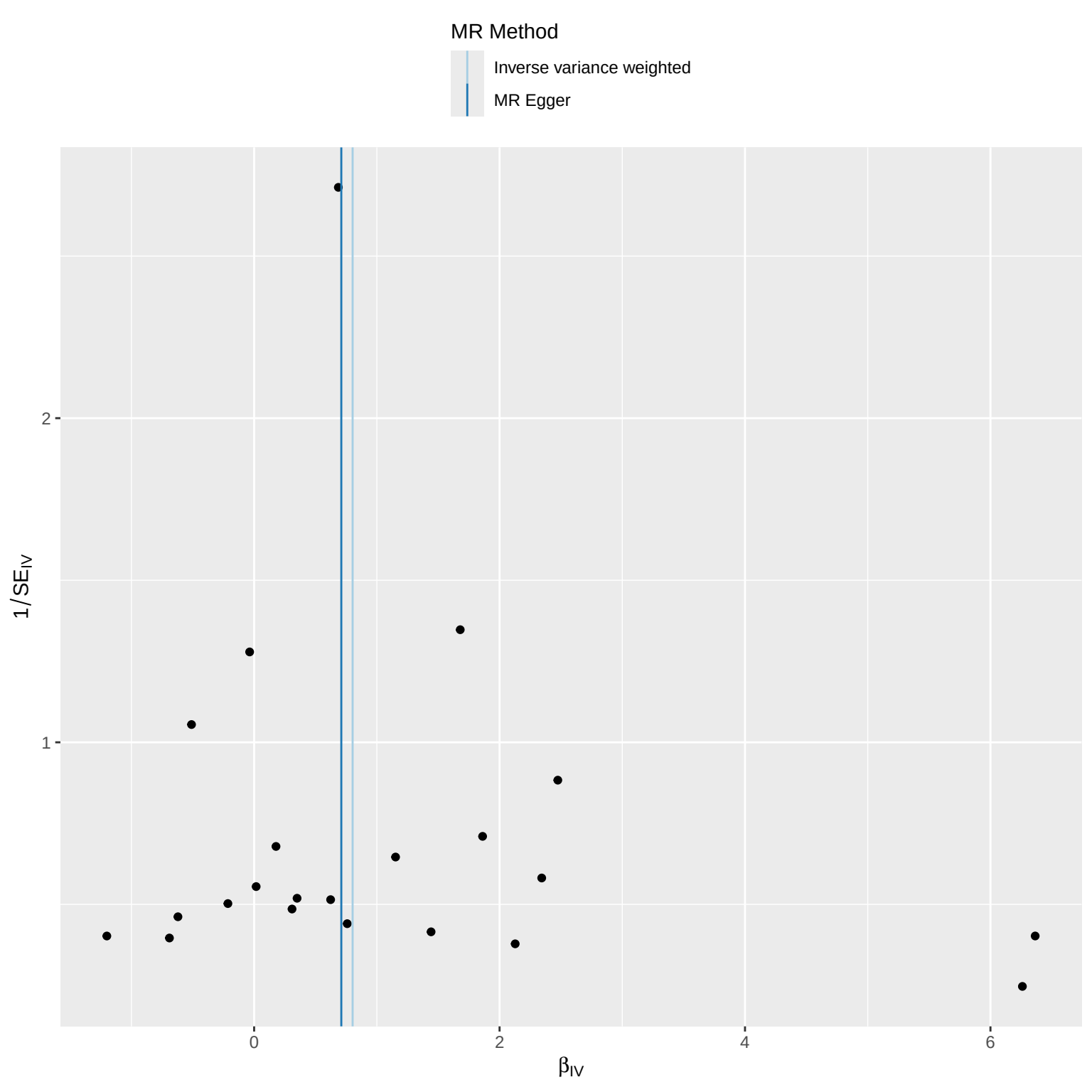

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

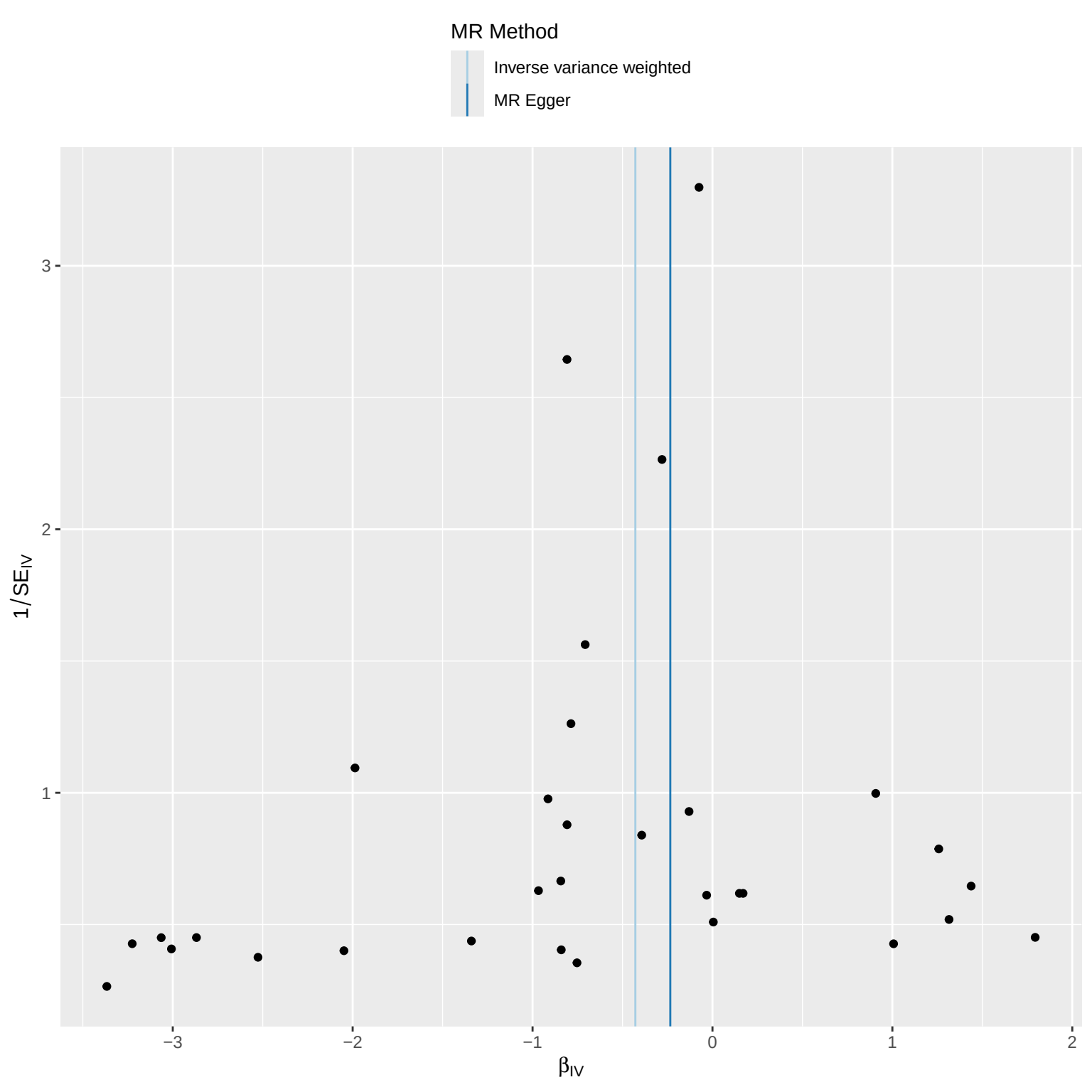

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

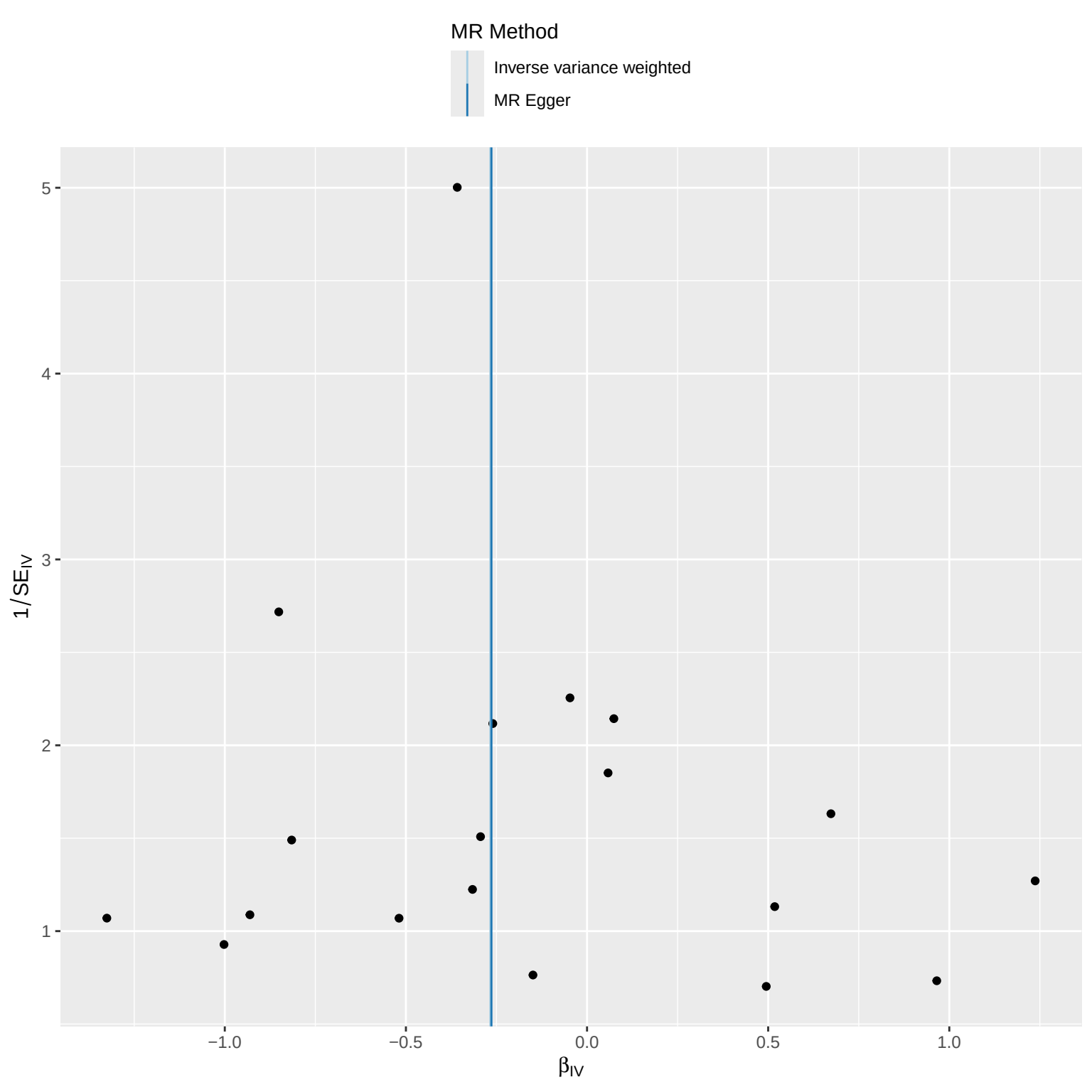

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5
−4
−3
−2
−1
β_IV

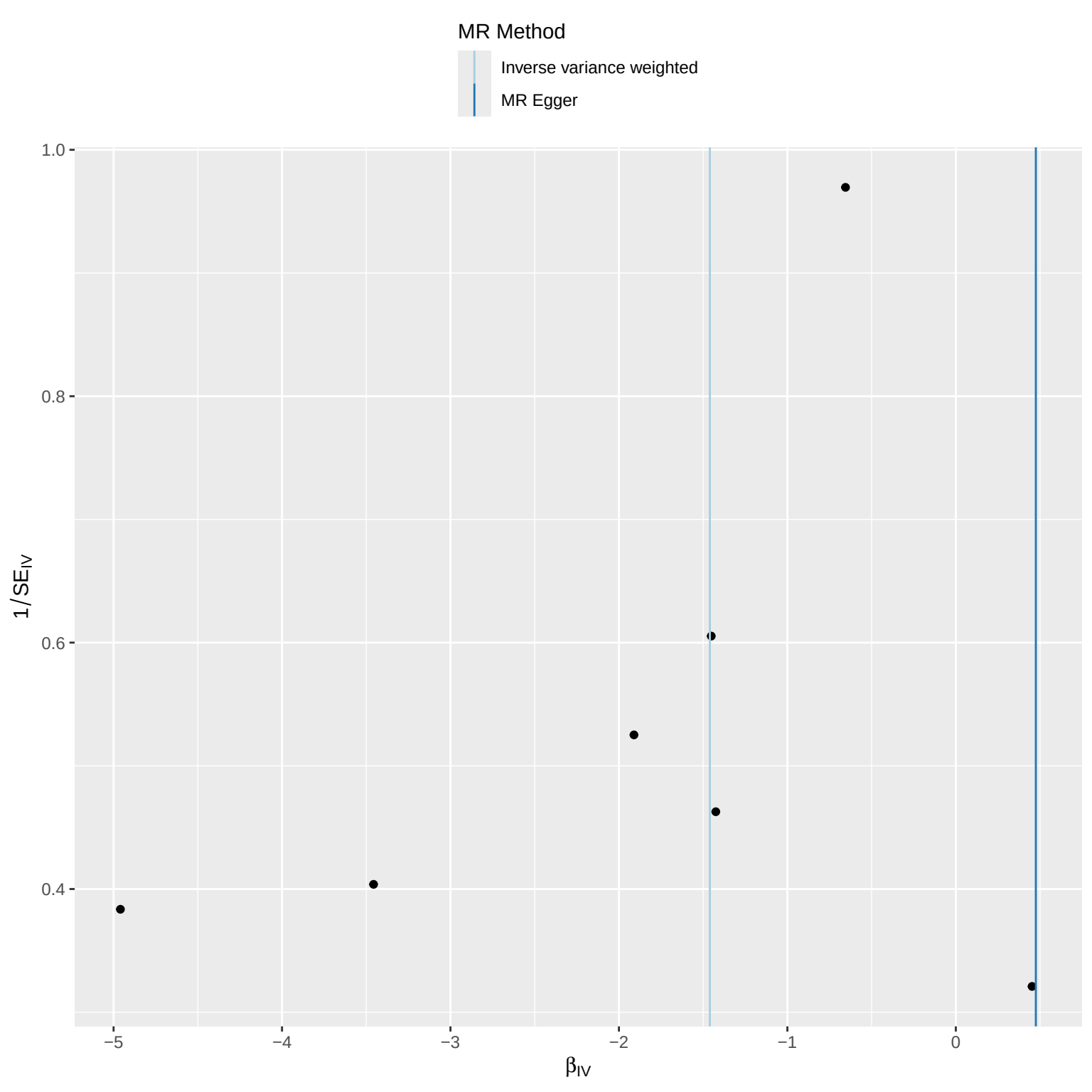

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
5.0
β_IV

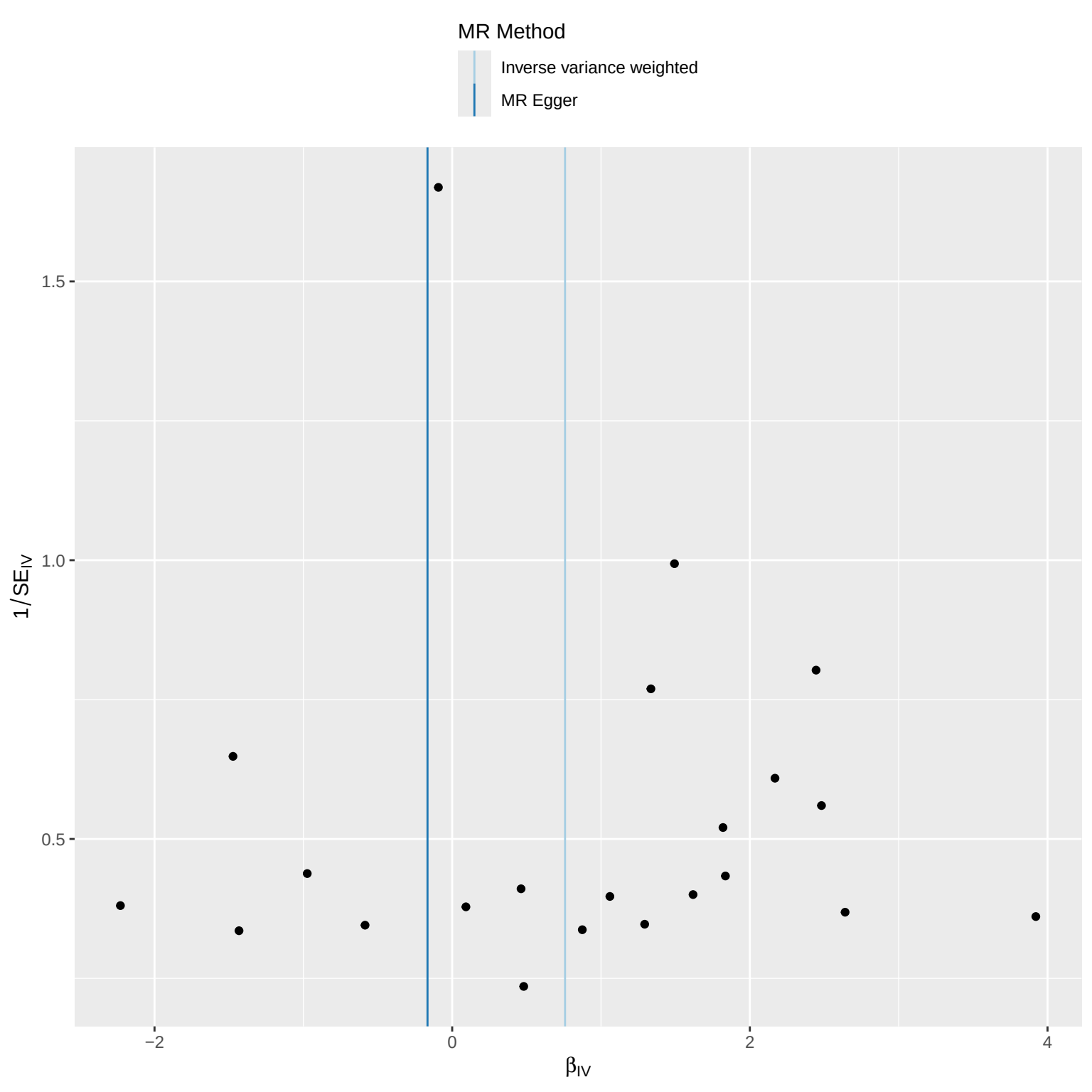

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

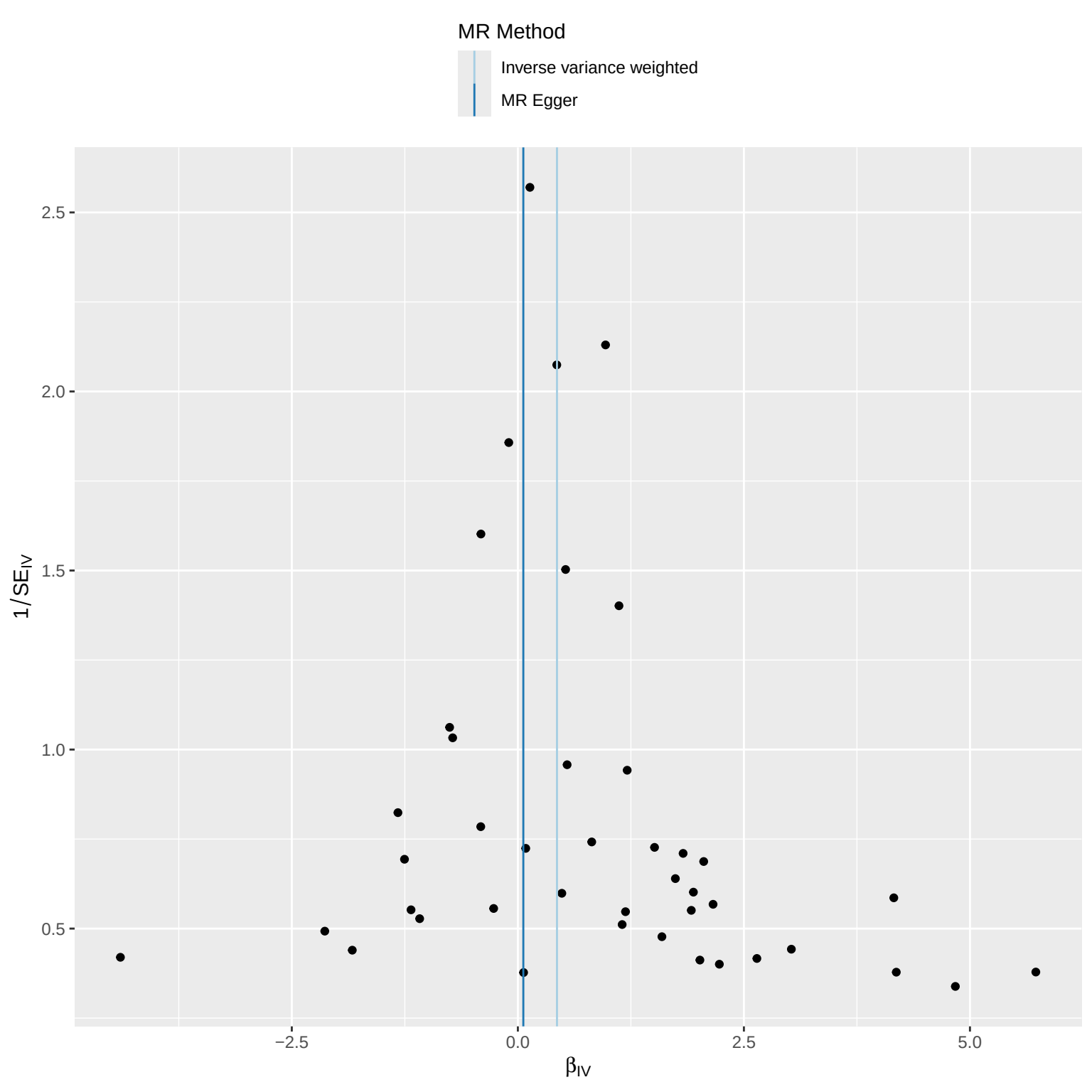

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0
2
4
6
β_IV

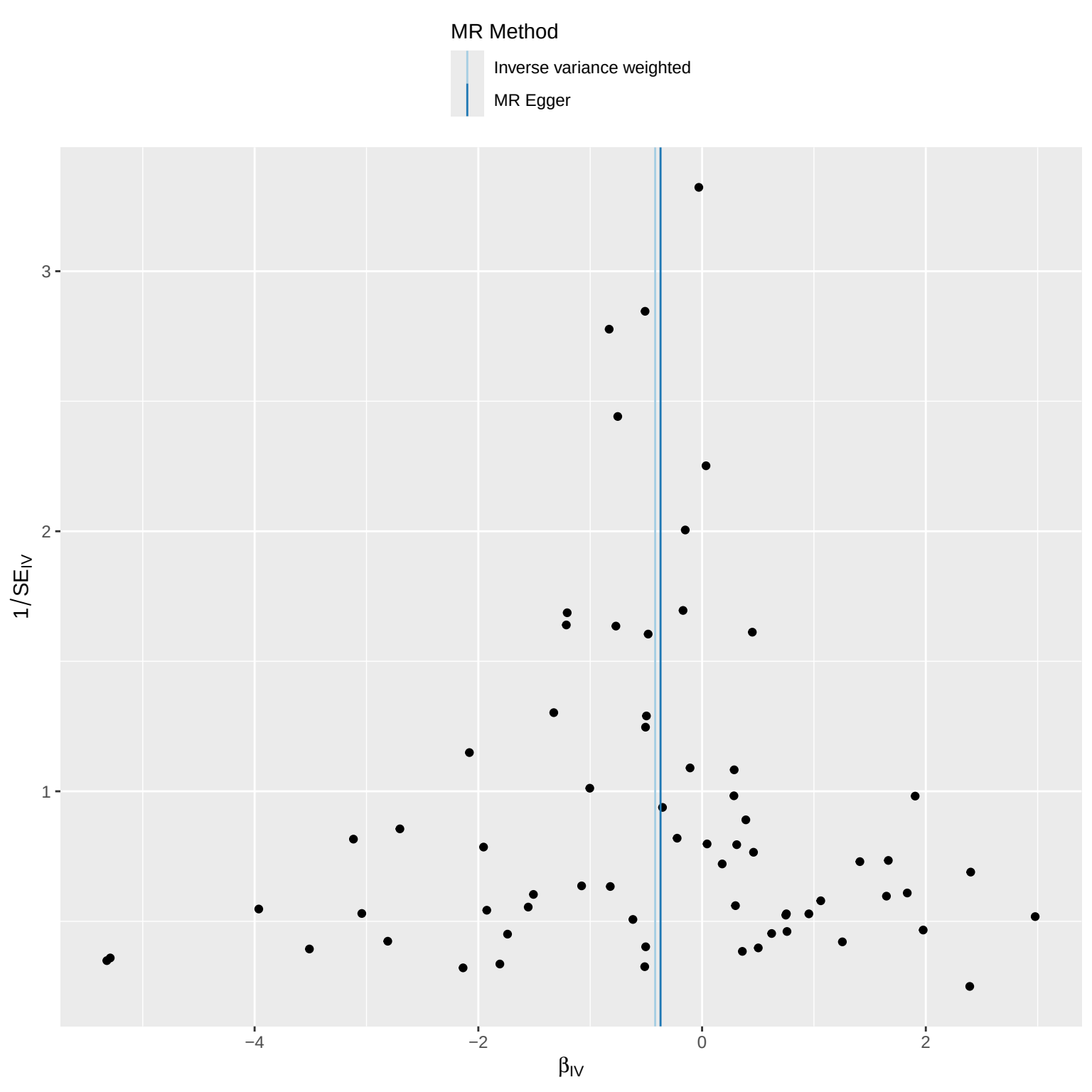

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

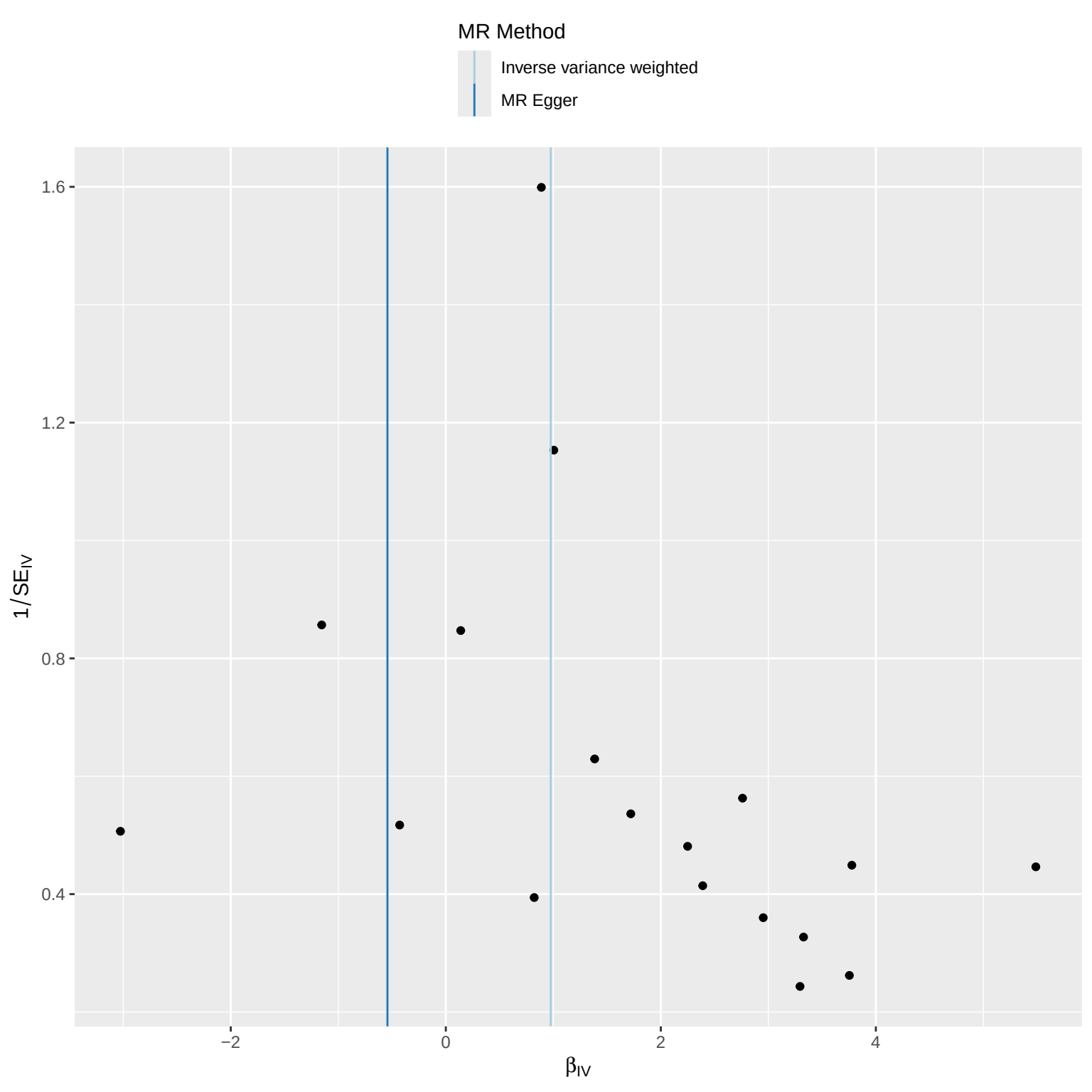

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

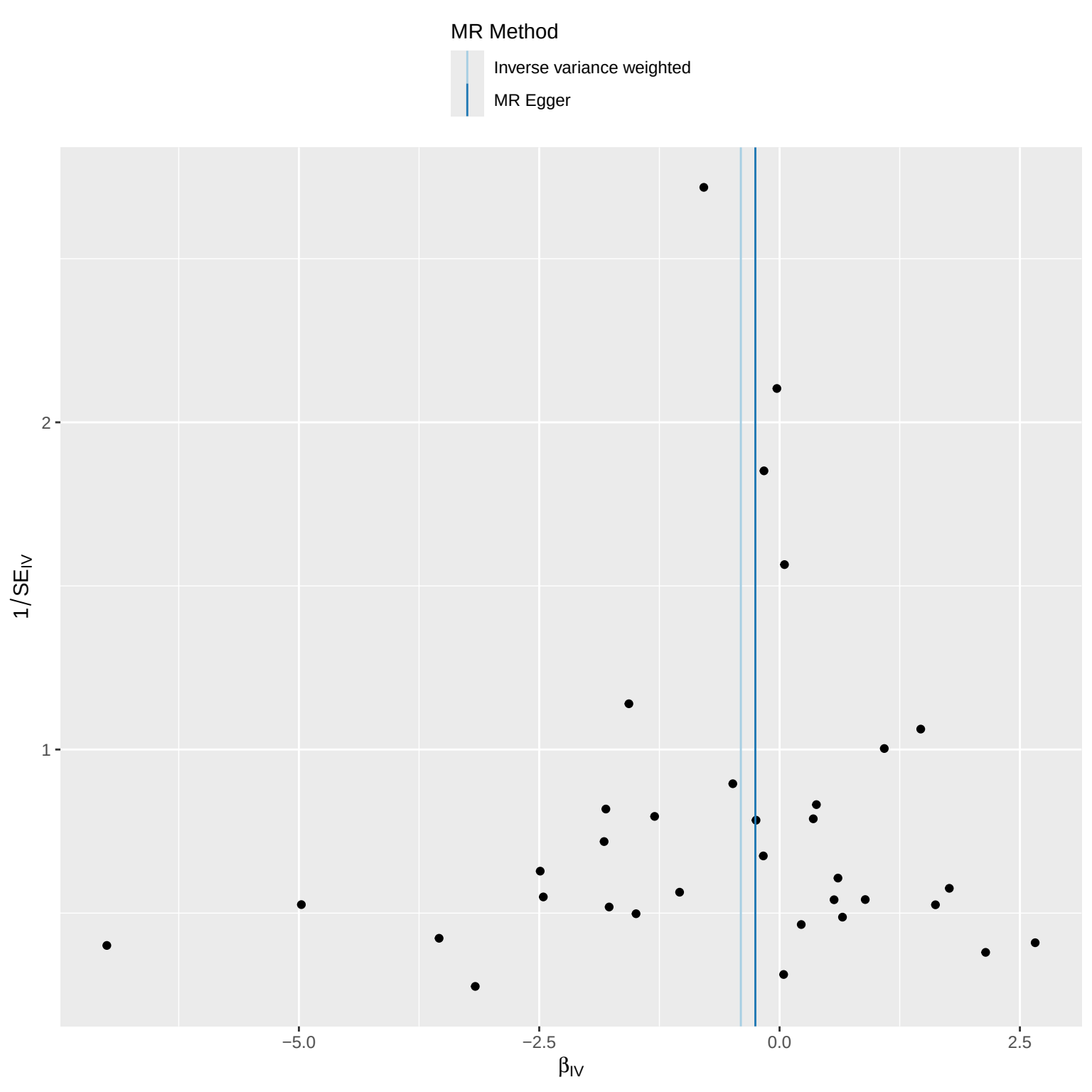

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−5
−4
−3
−2
−1
0
β_IV

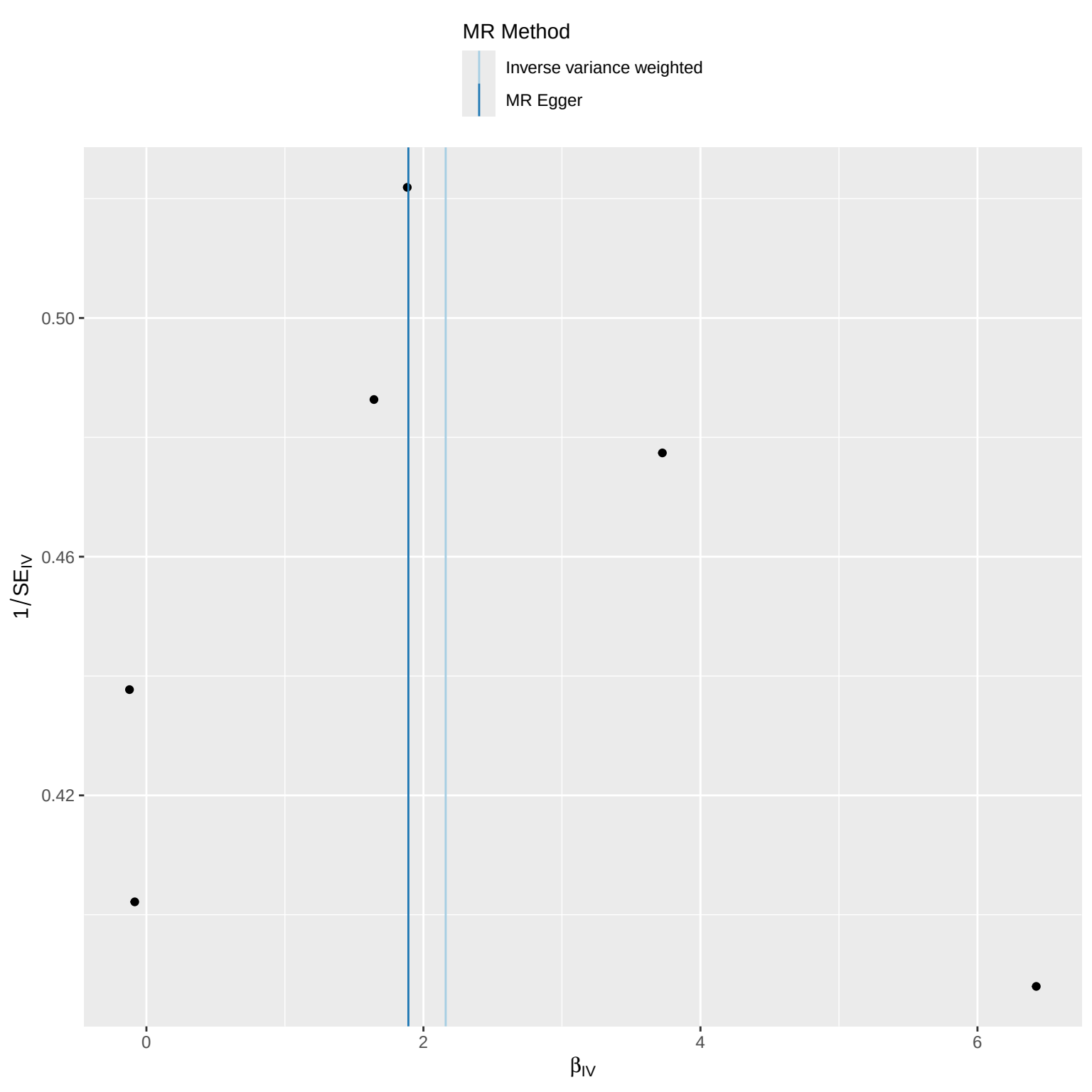

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

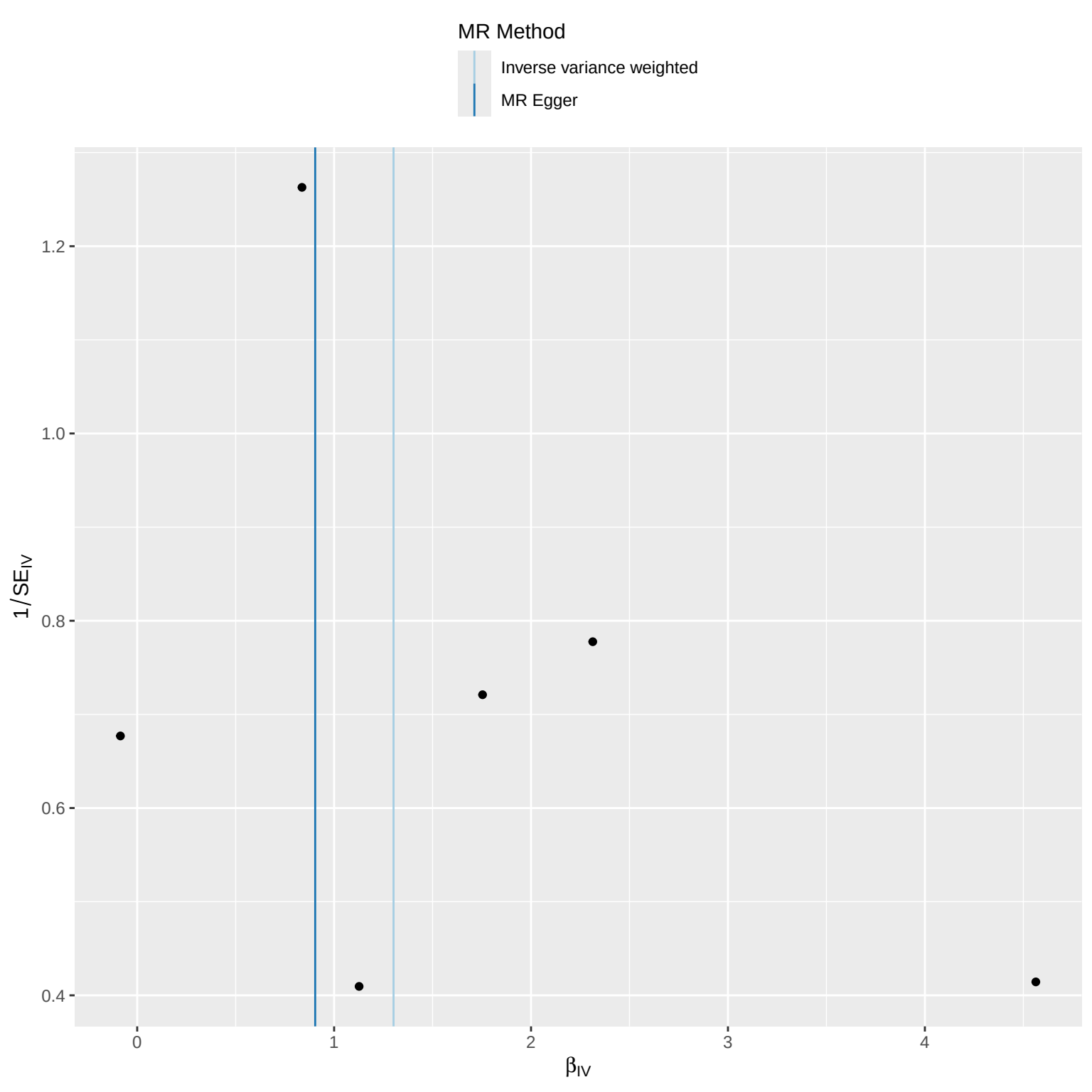

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

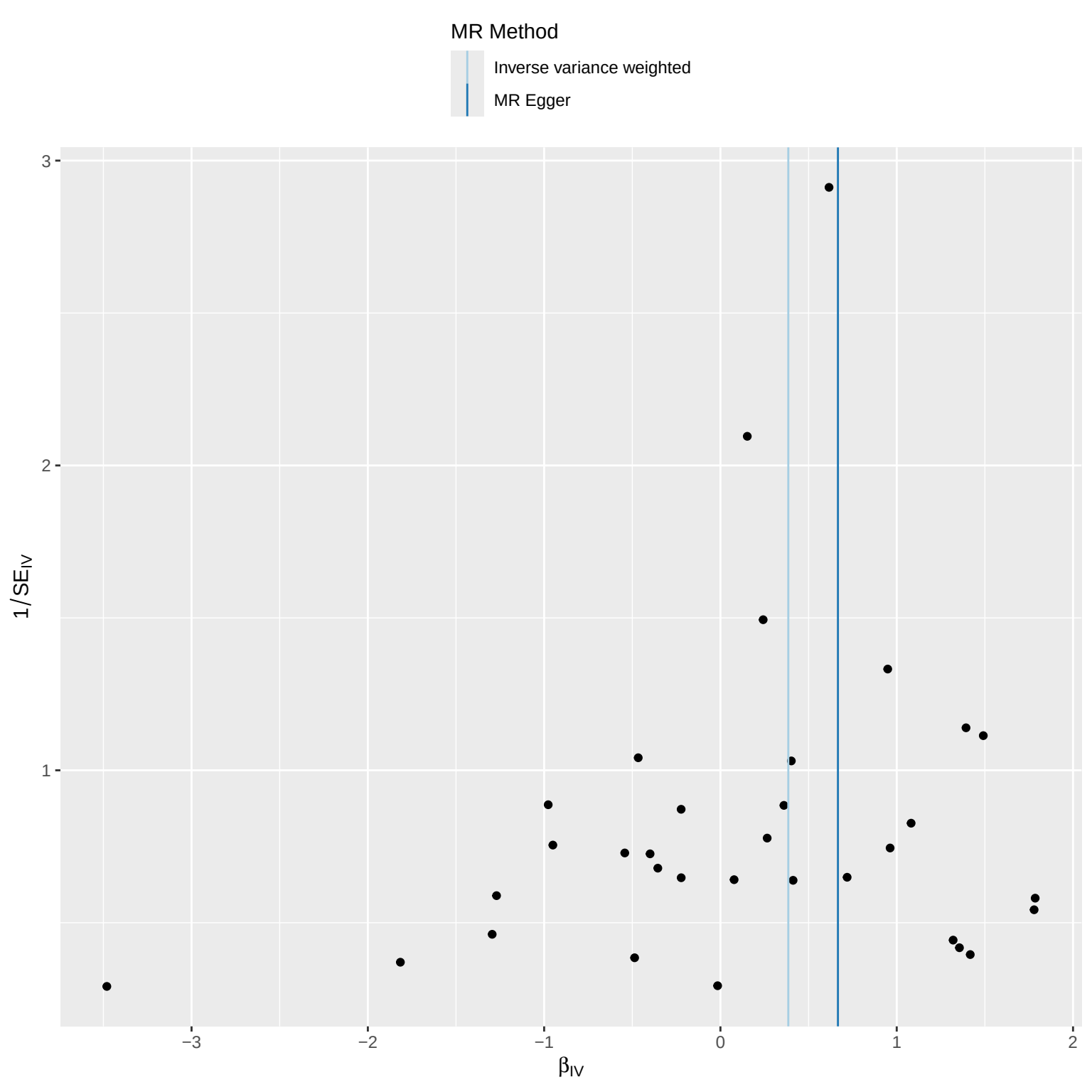

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

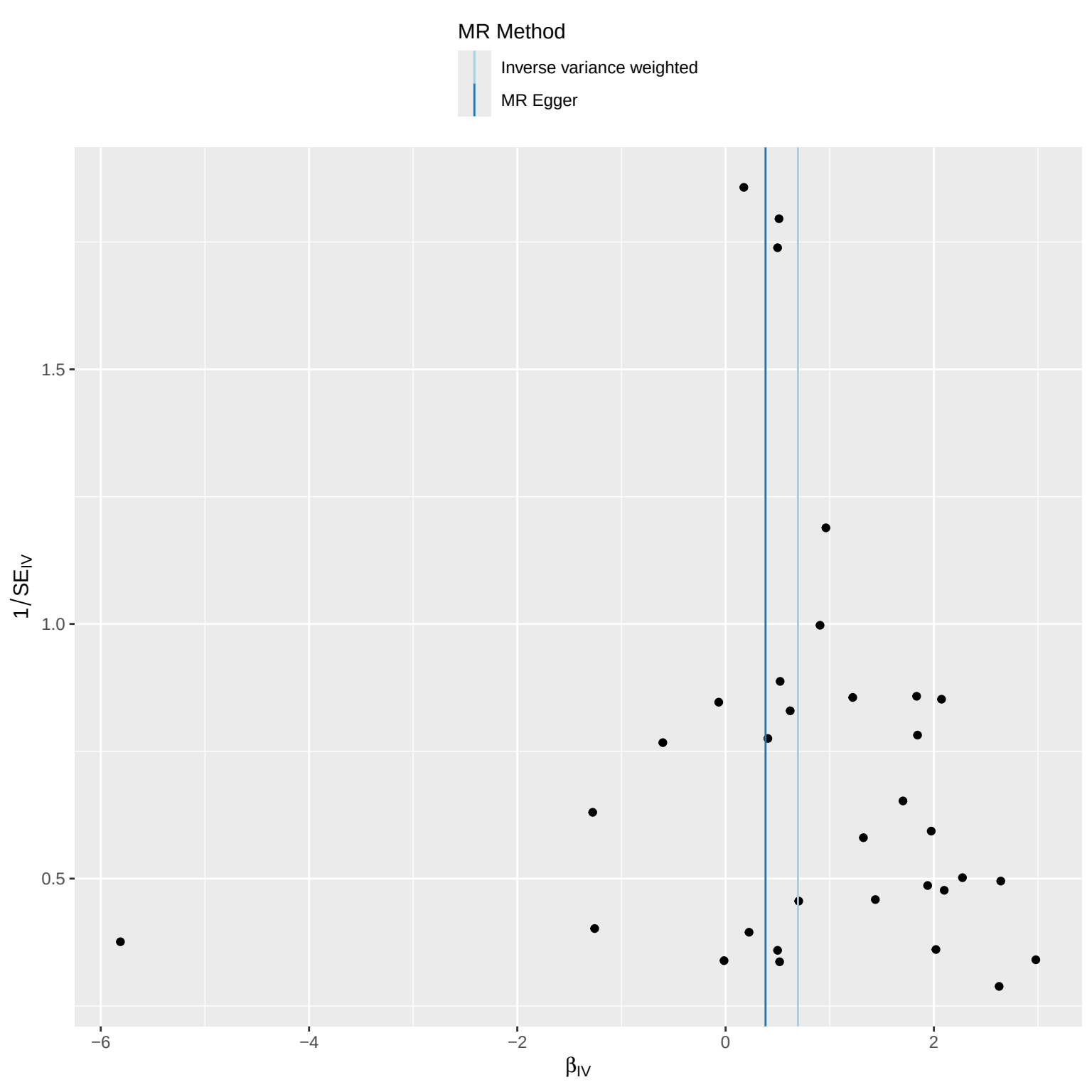

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

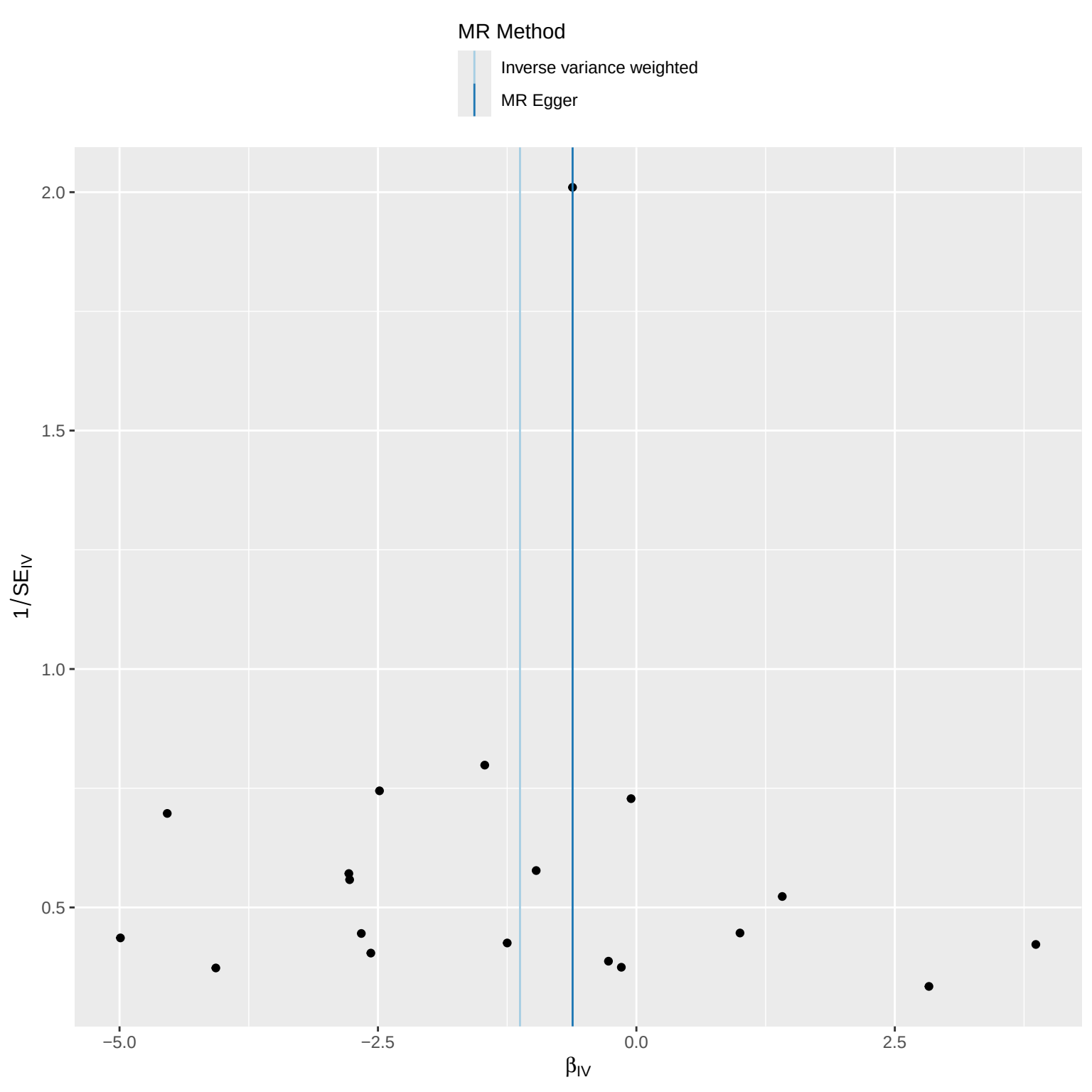

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

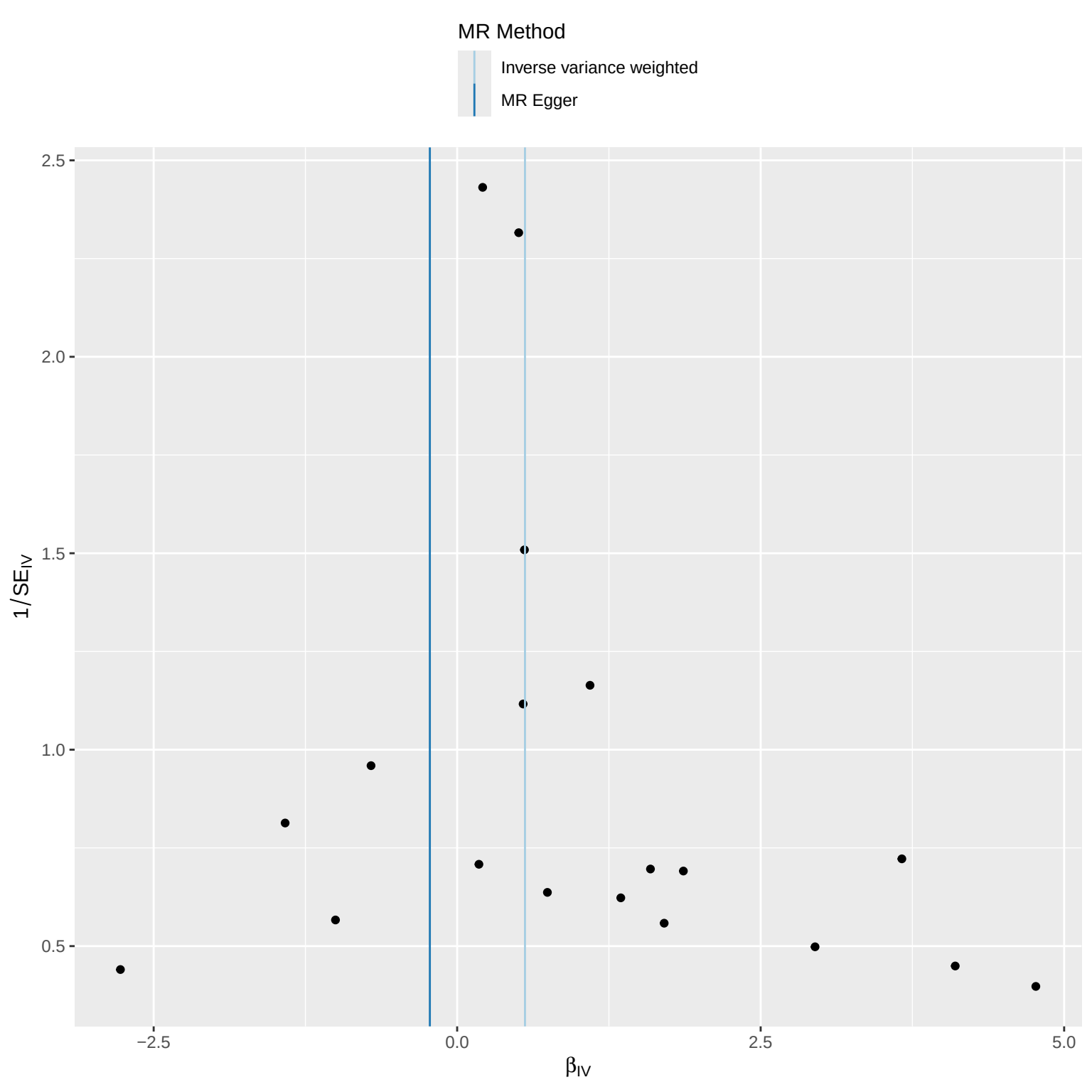

MR Method
Inverse variance weighted
MR Egger
0.50
0.46
0.42
1/SE_IV
0
2
4
6
β_IV

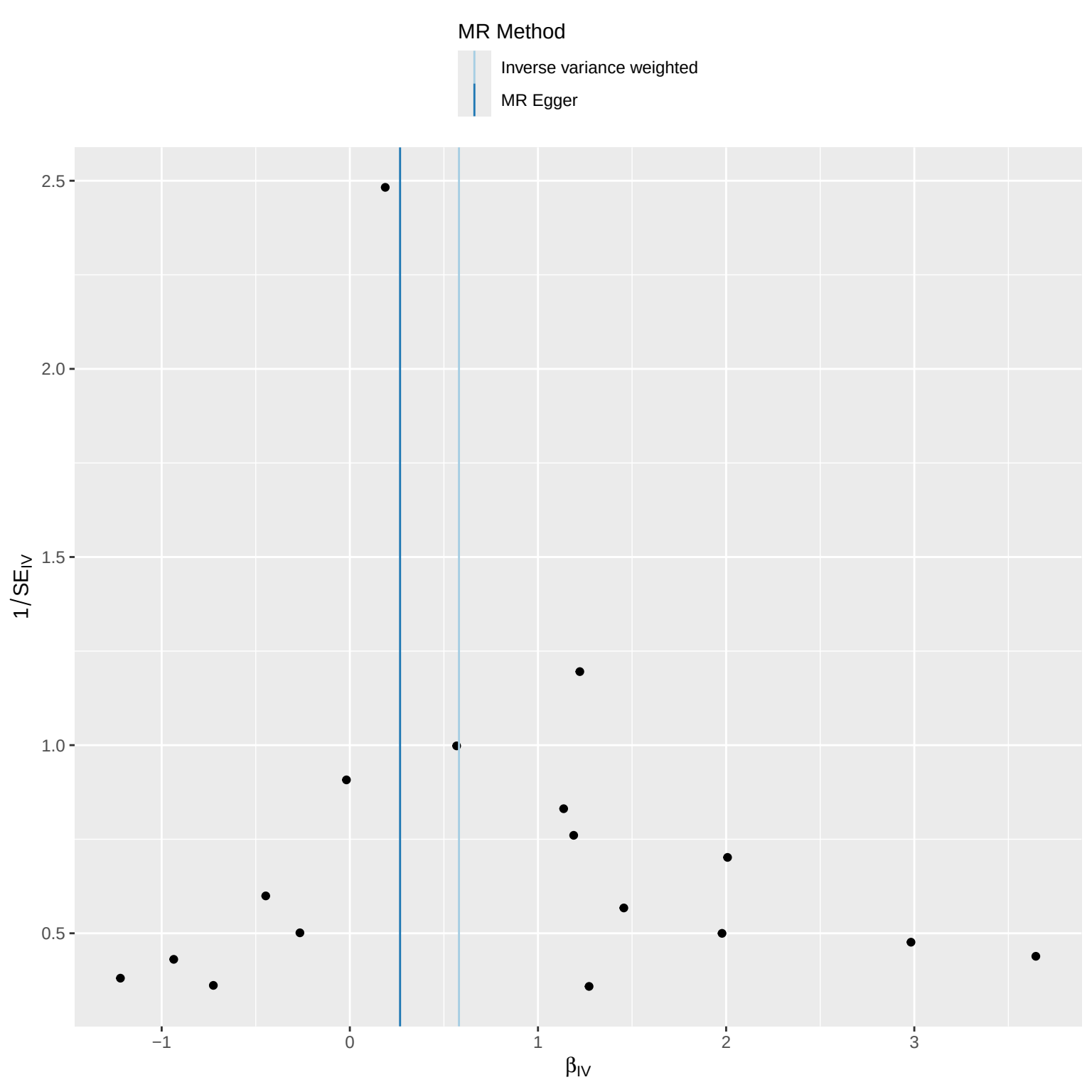

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
4
β_IV

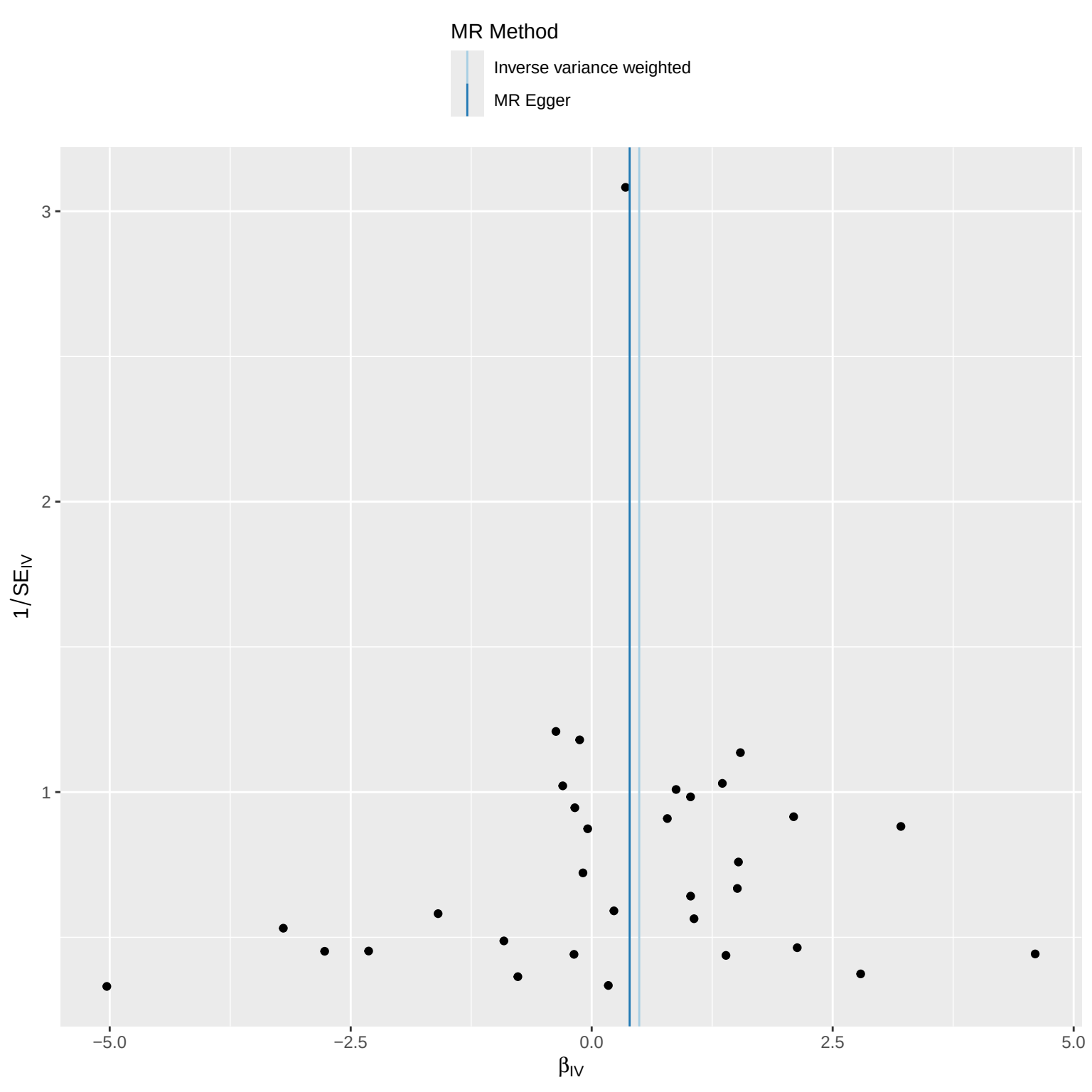

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

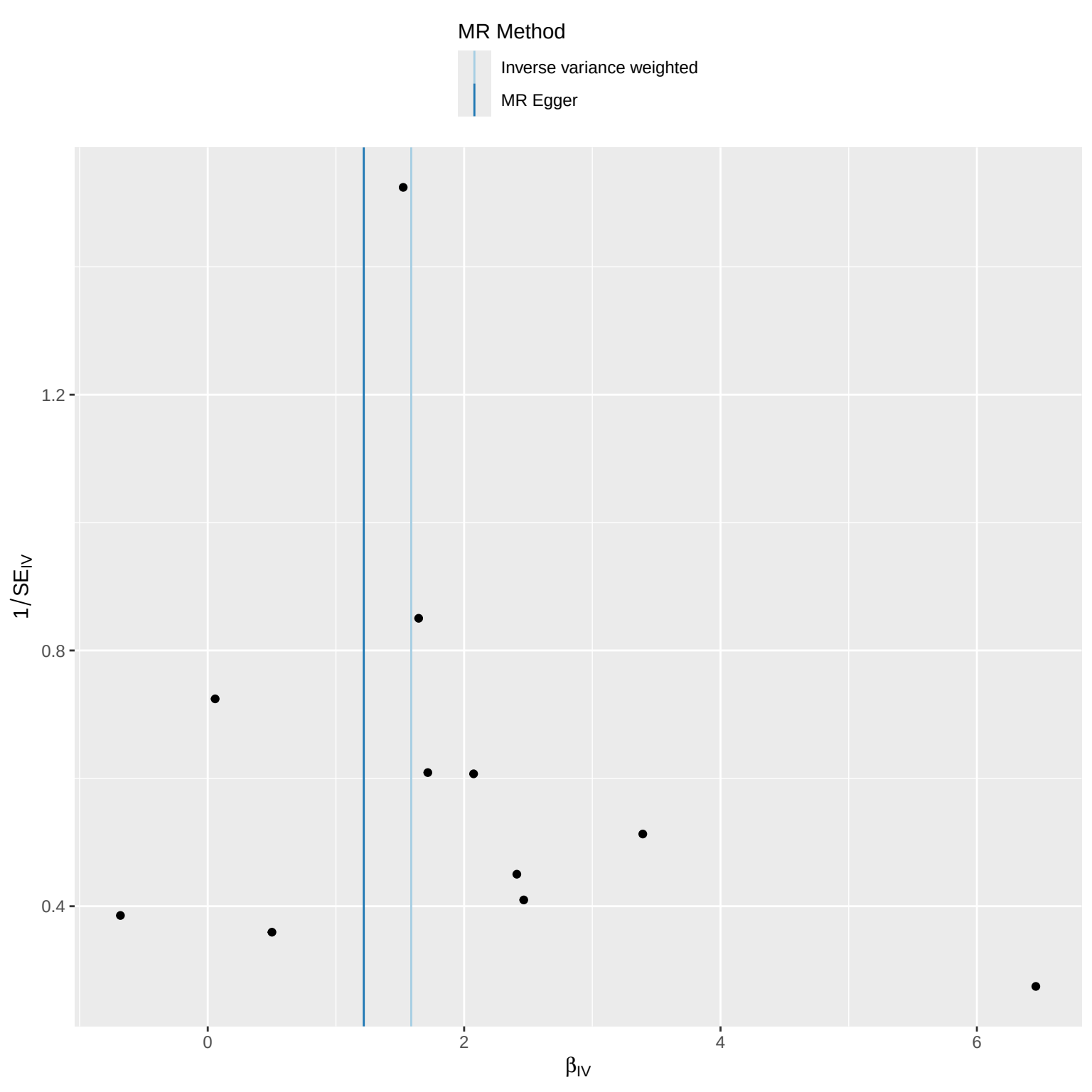

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

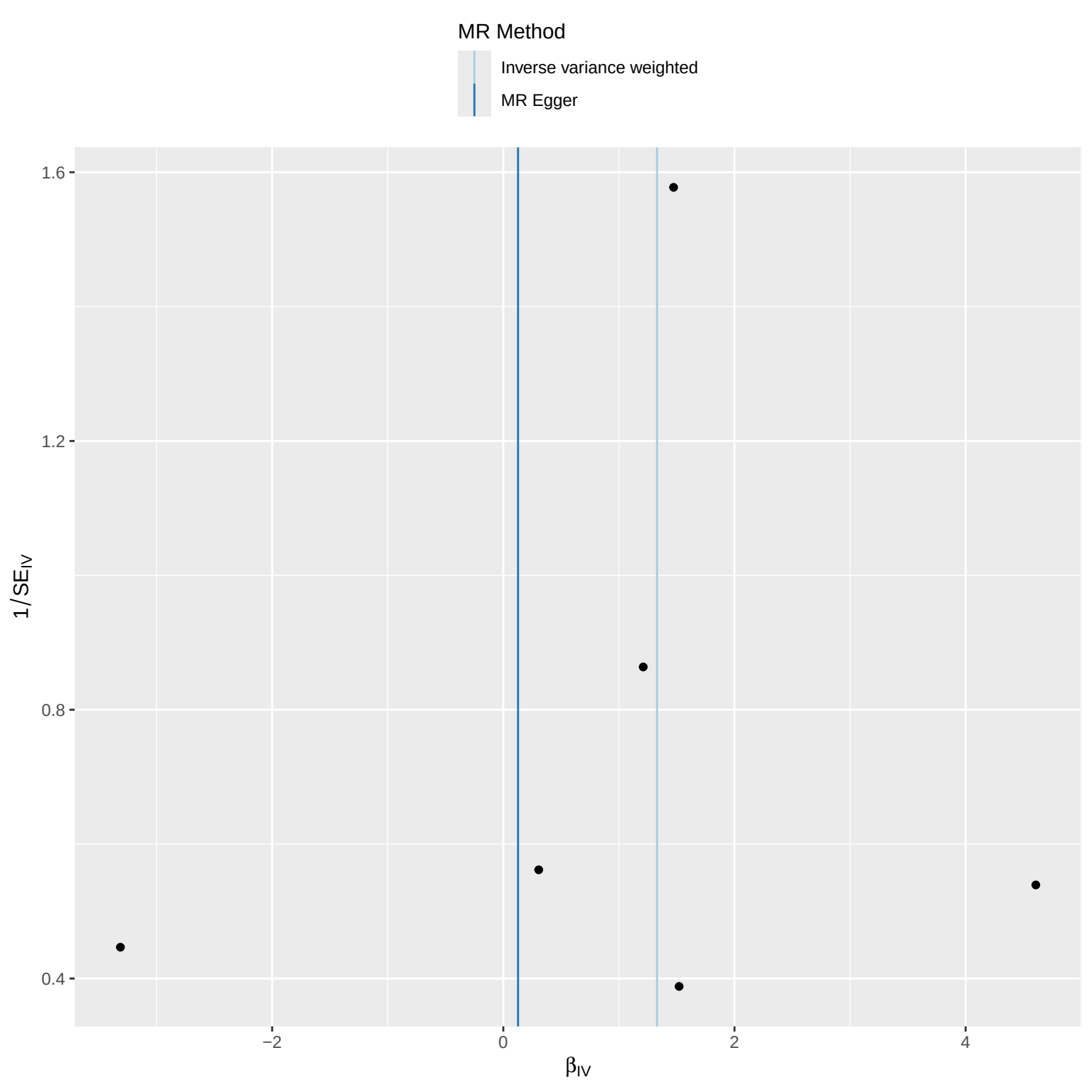

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

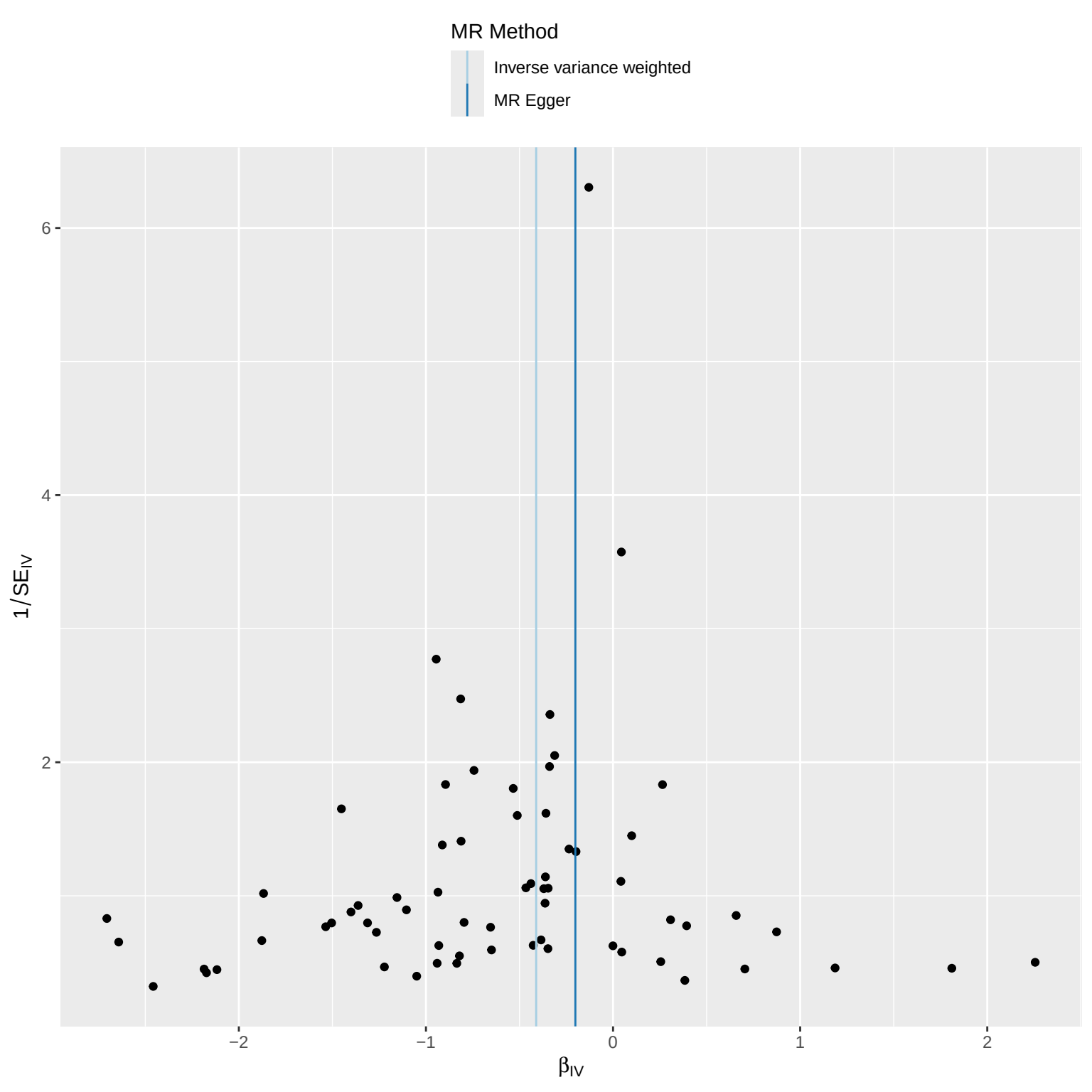

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

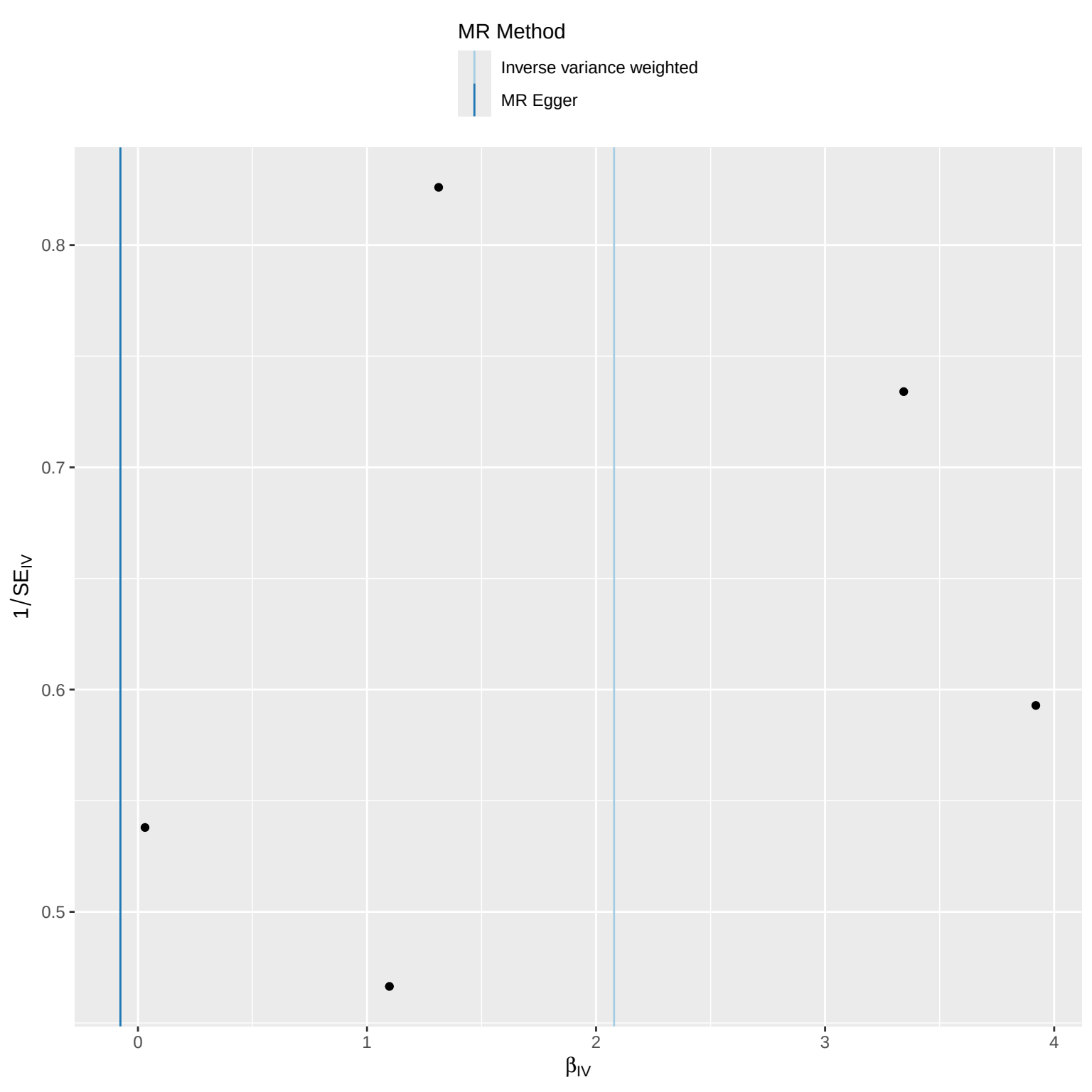

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

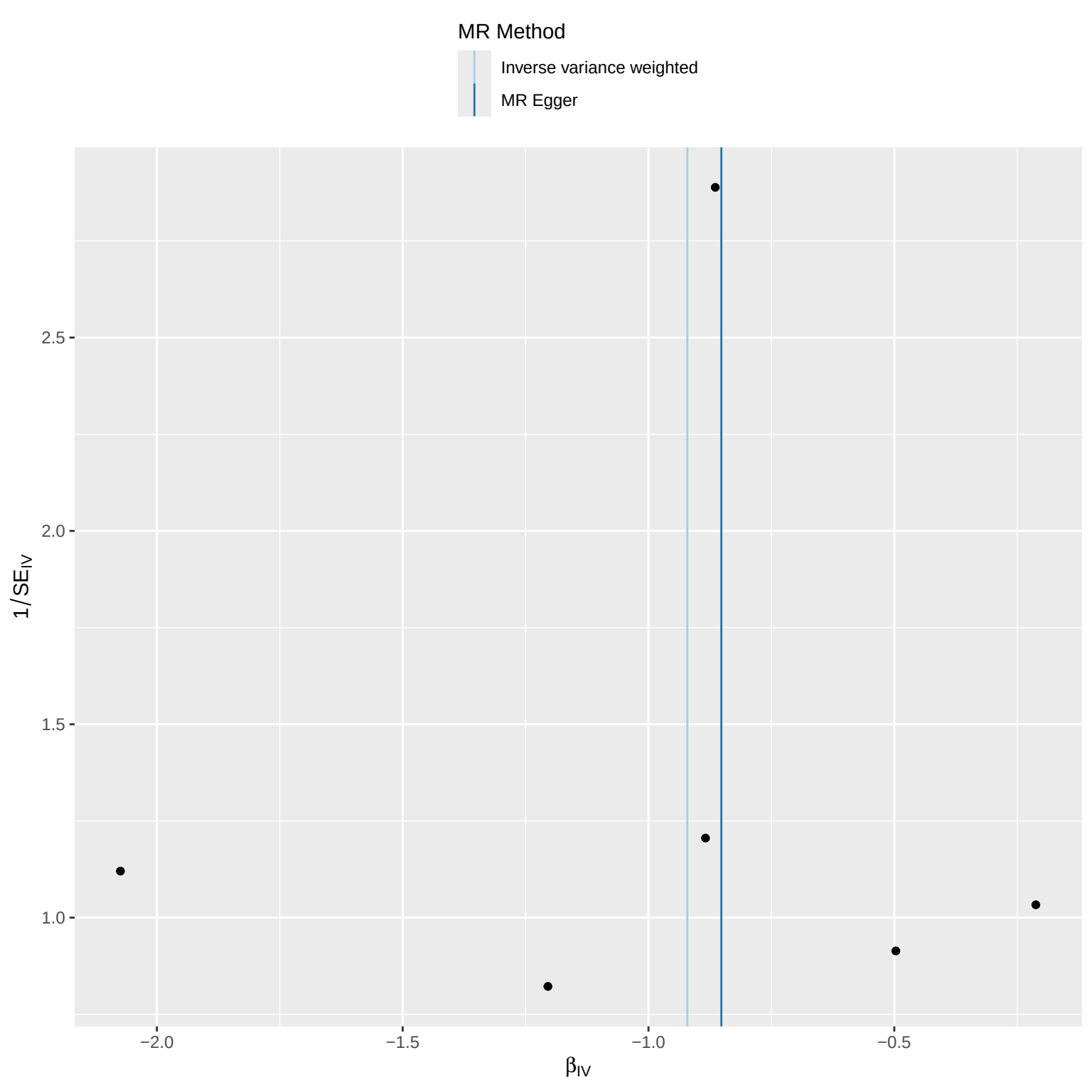

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

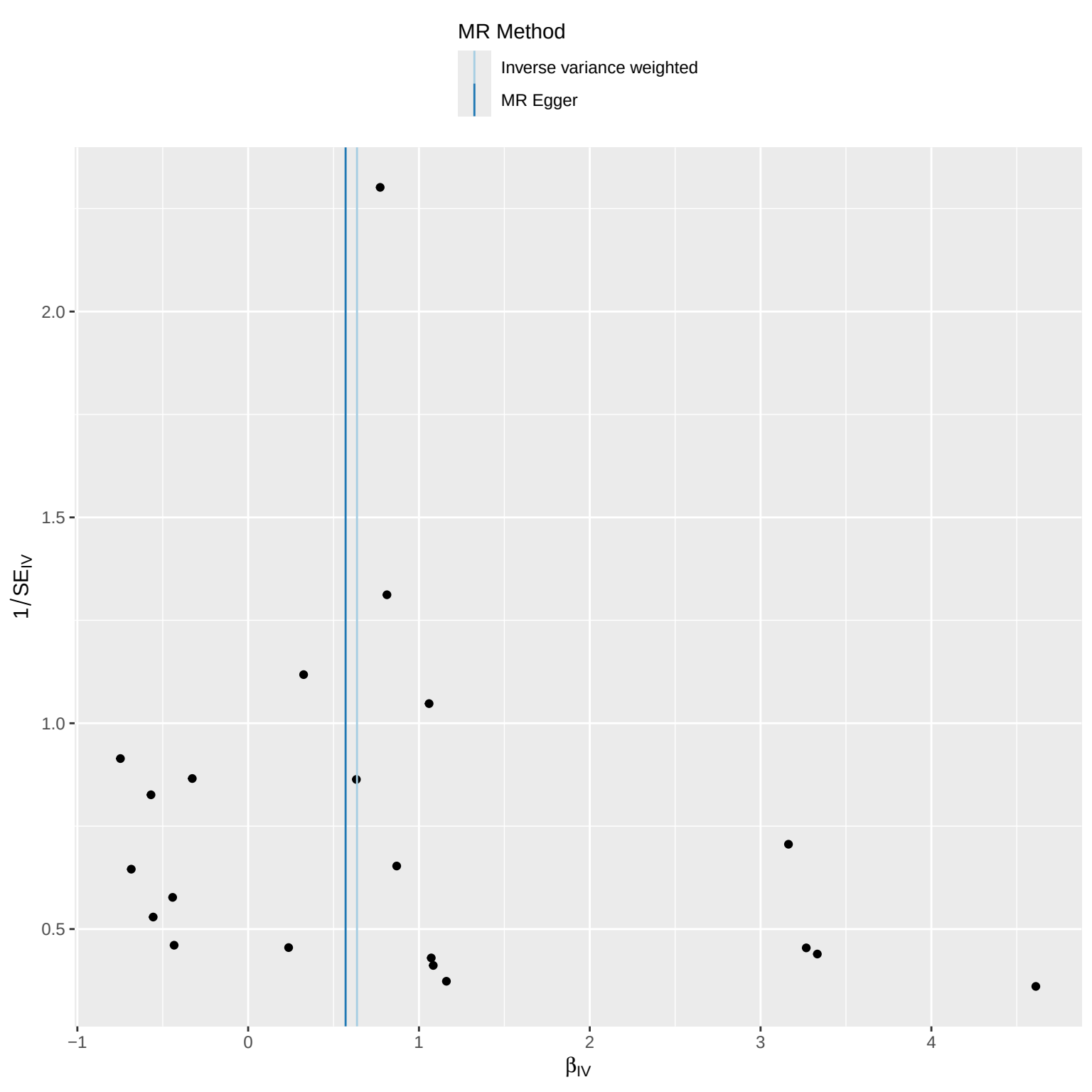

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
0
2
4
6
β_IV

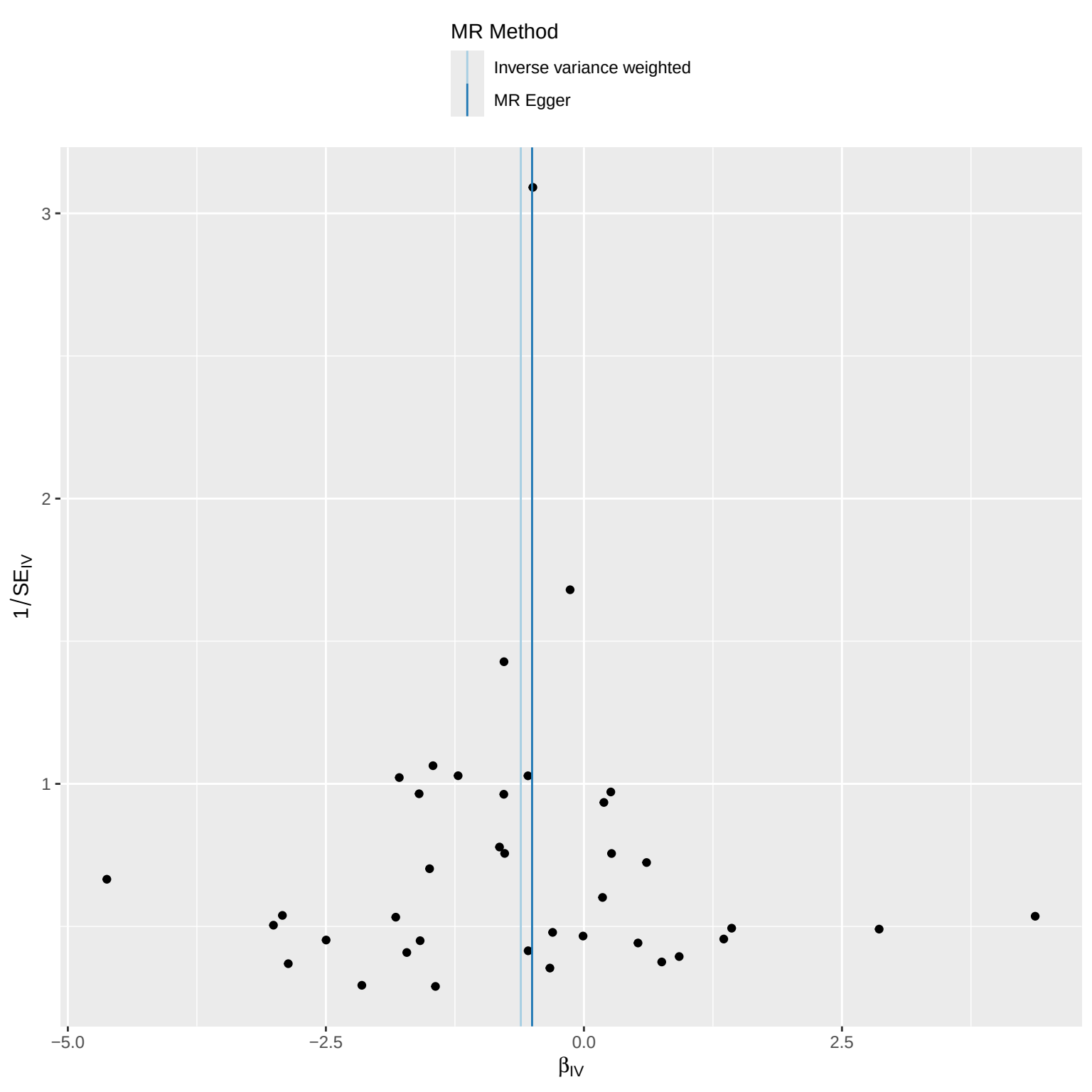

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

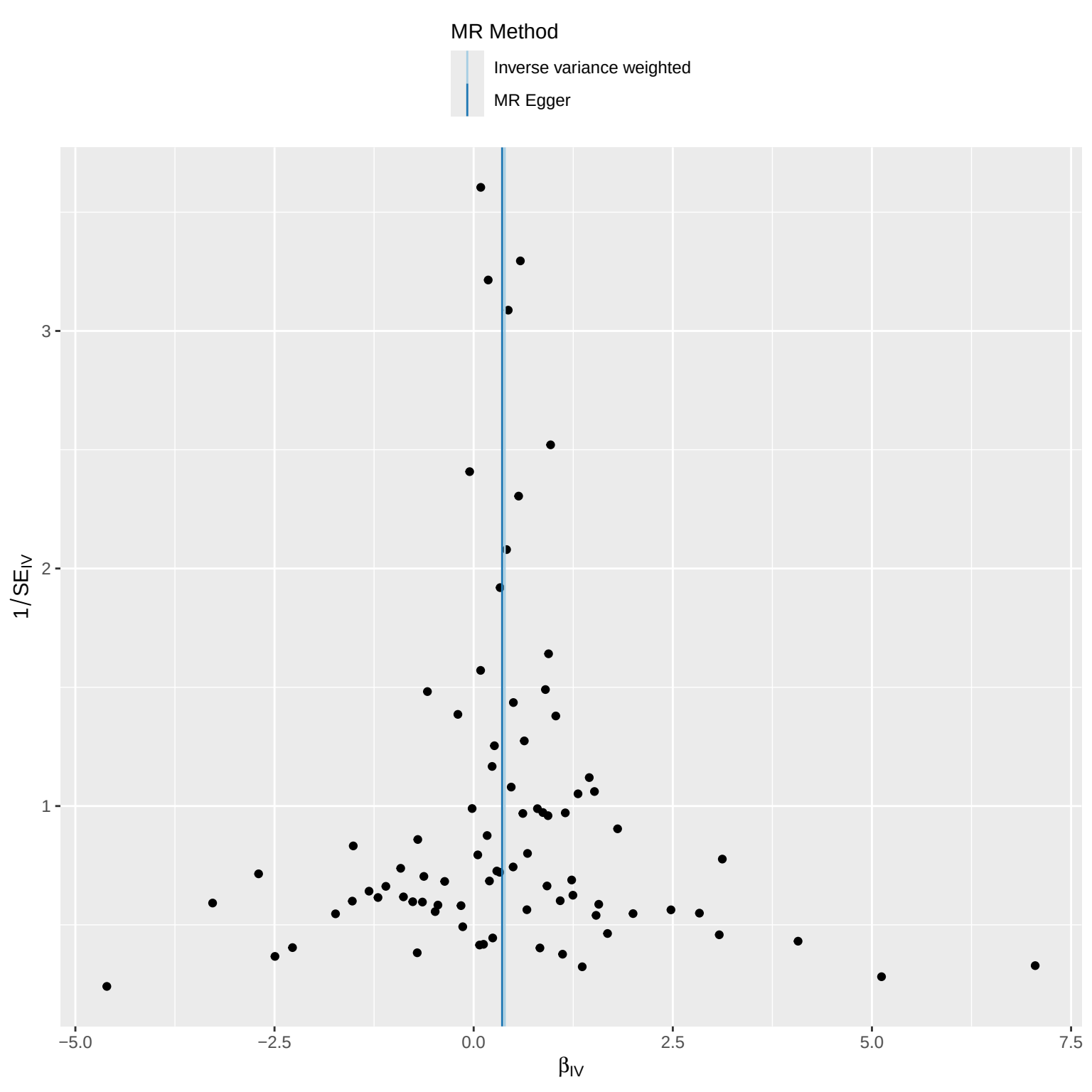

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

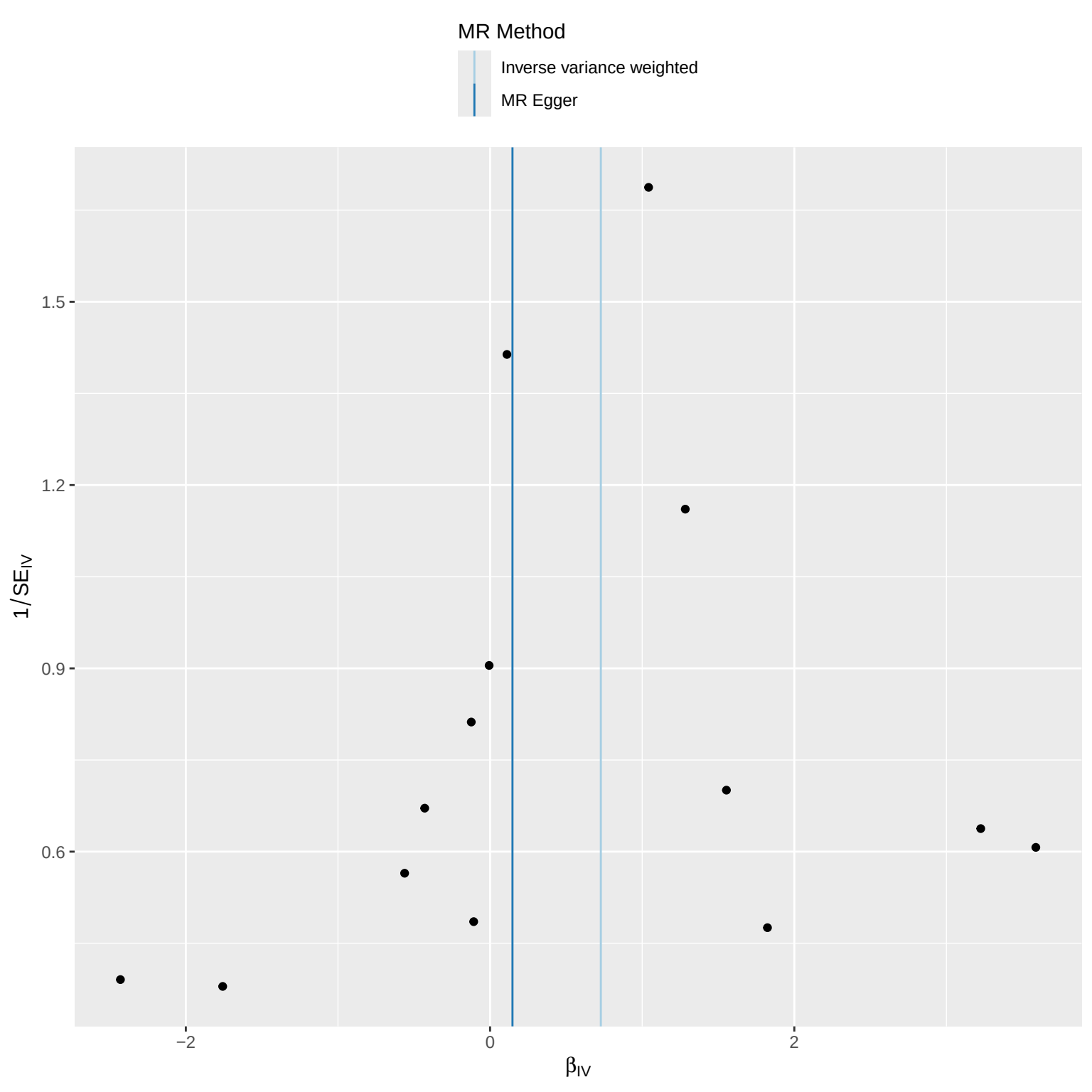

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
0
1
2
3
4
β_IV

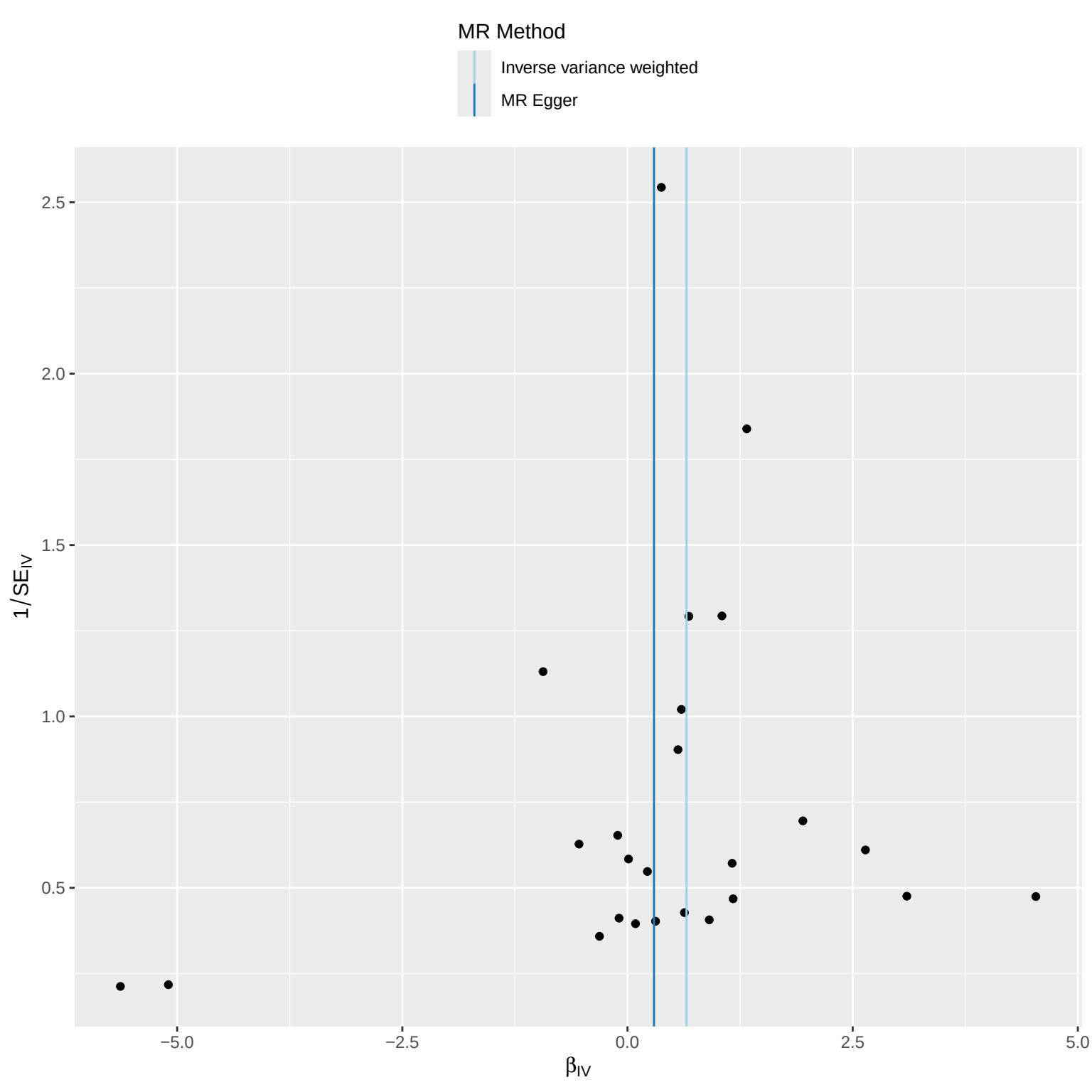

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

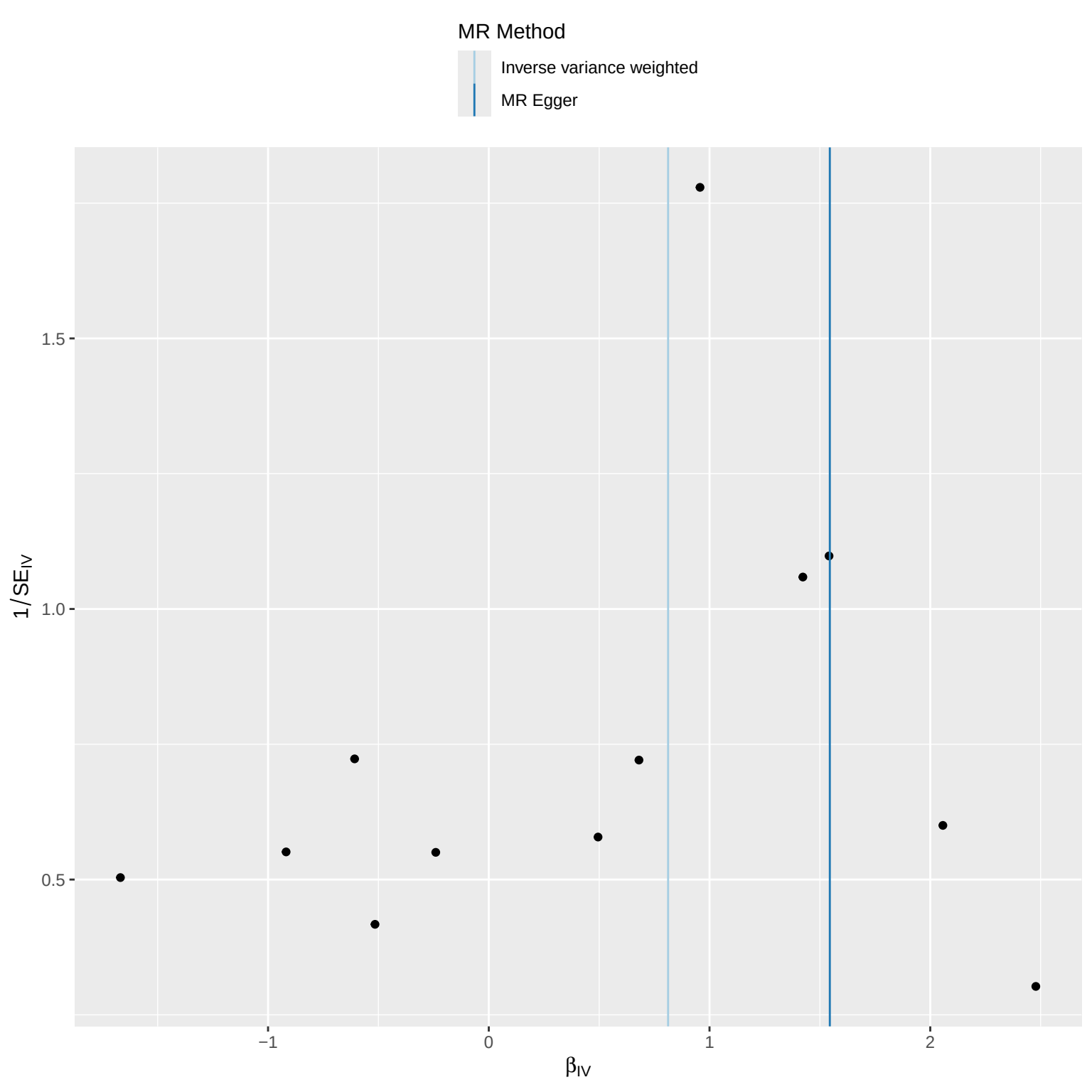

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

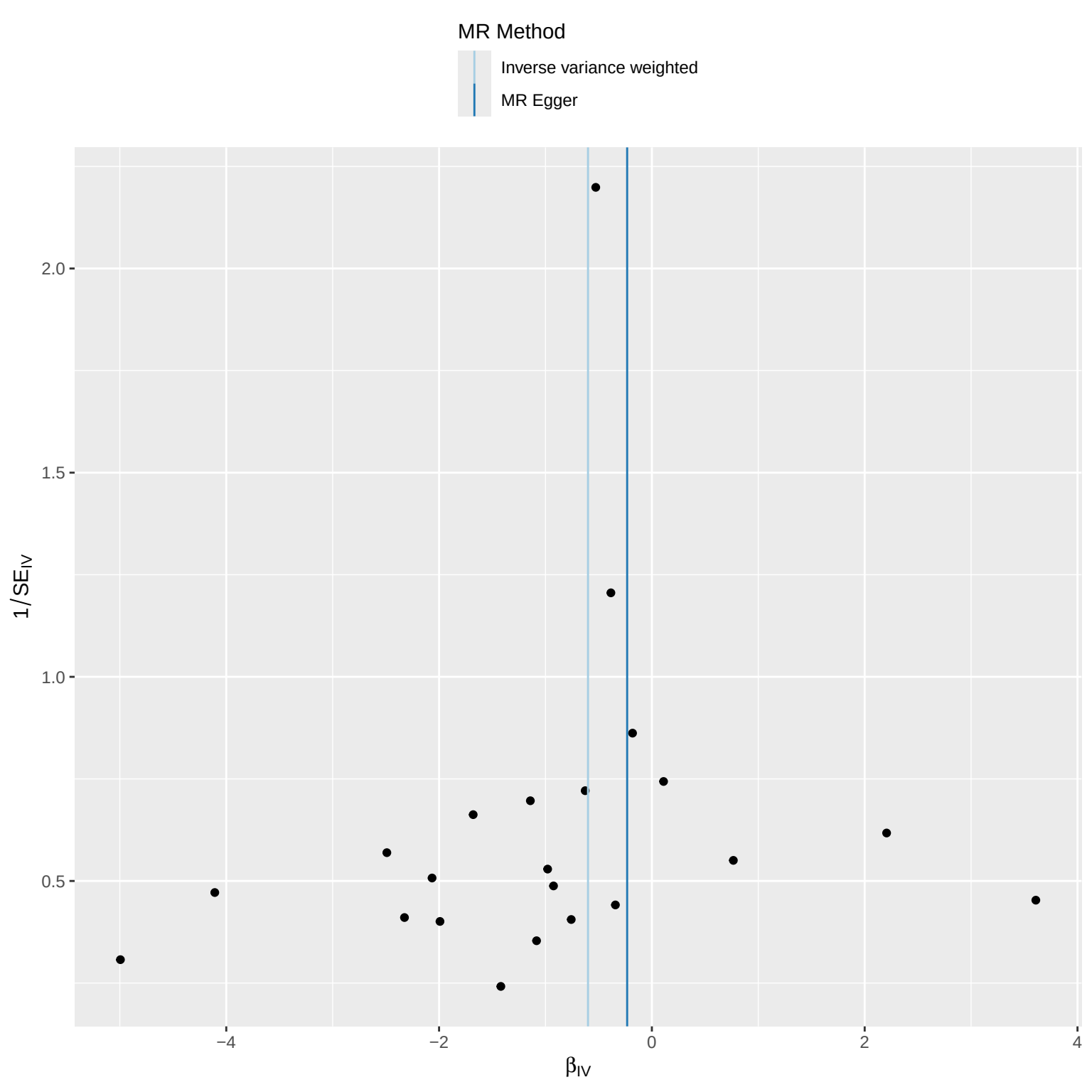

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

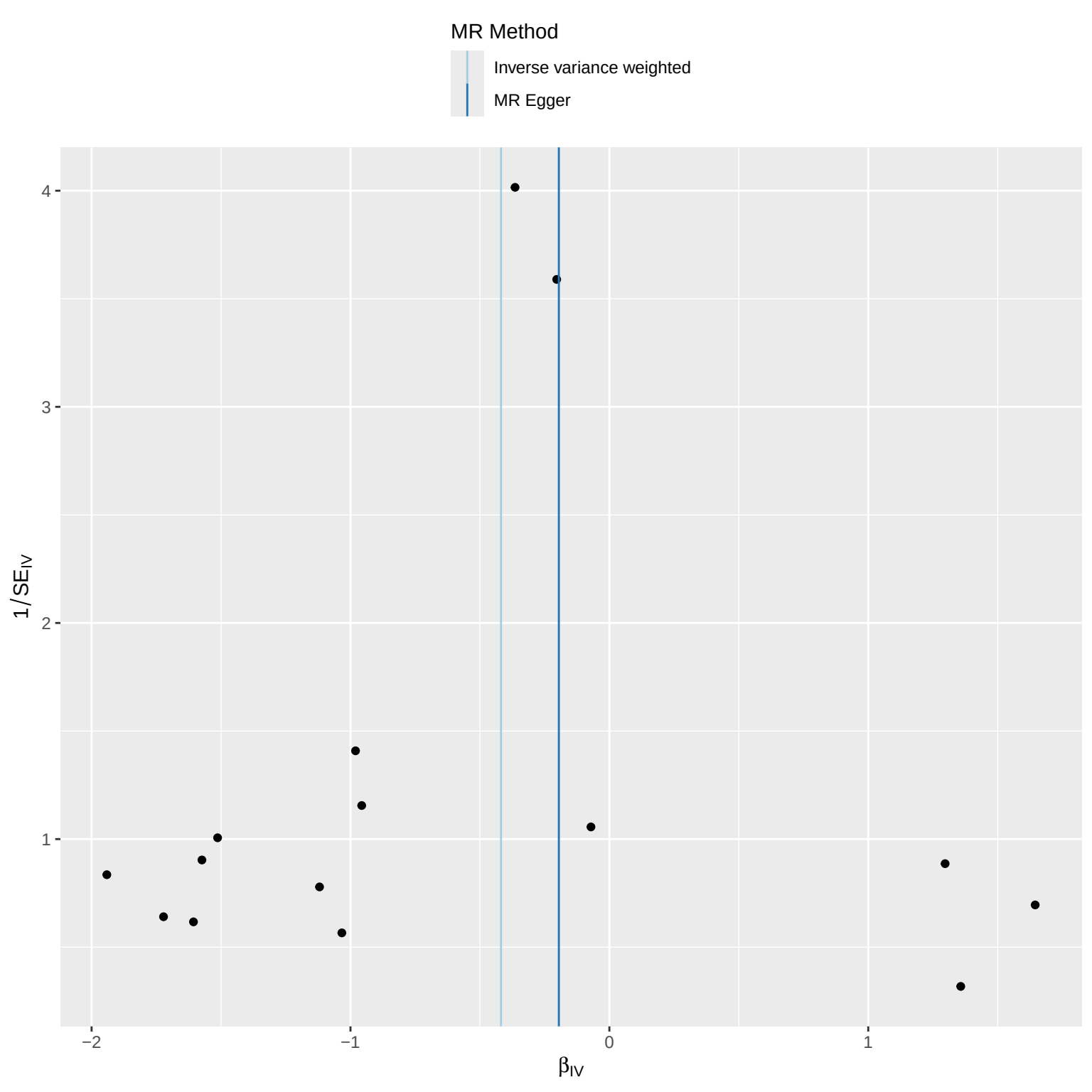

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
7.5
β_IV

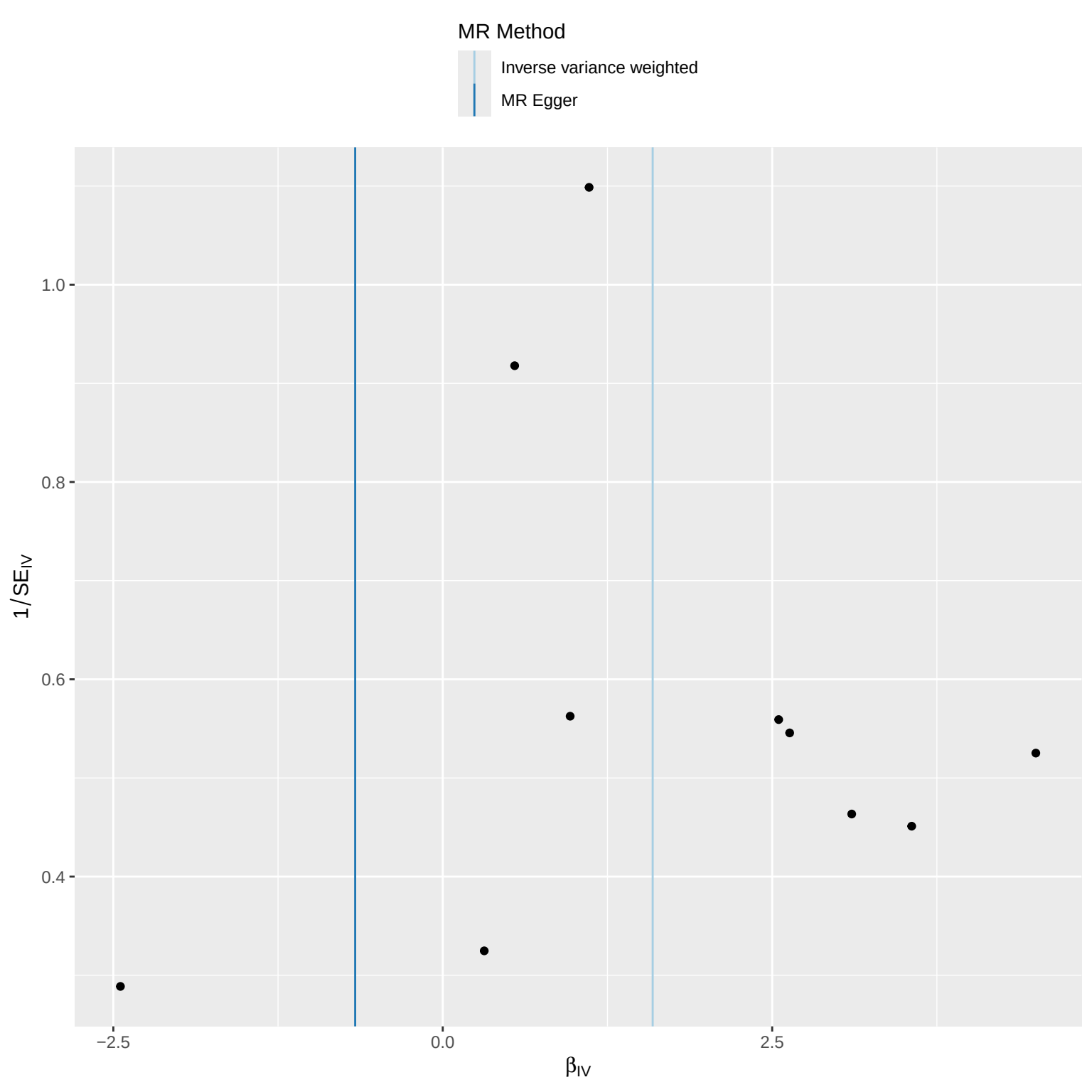

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
0
2
β_IV

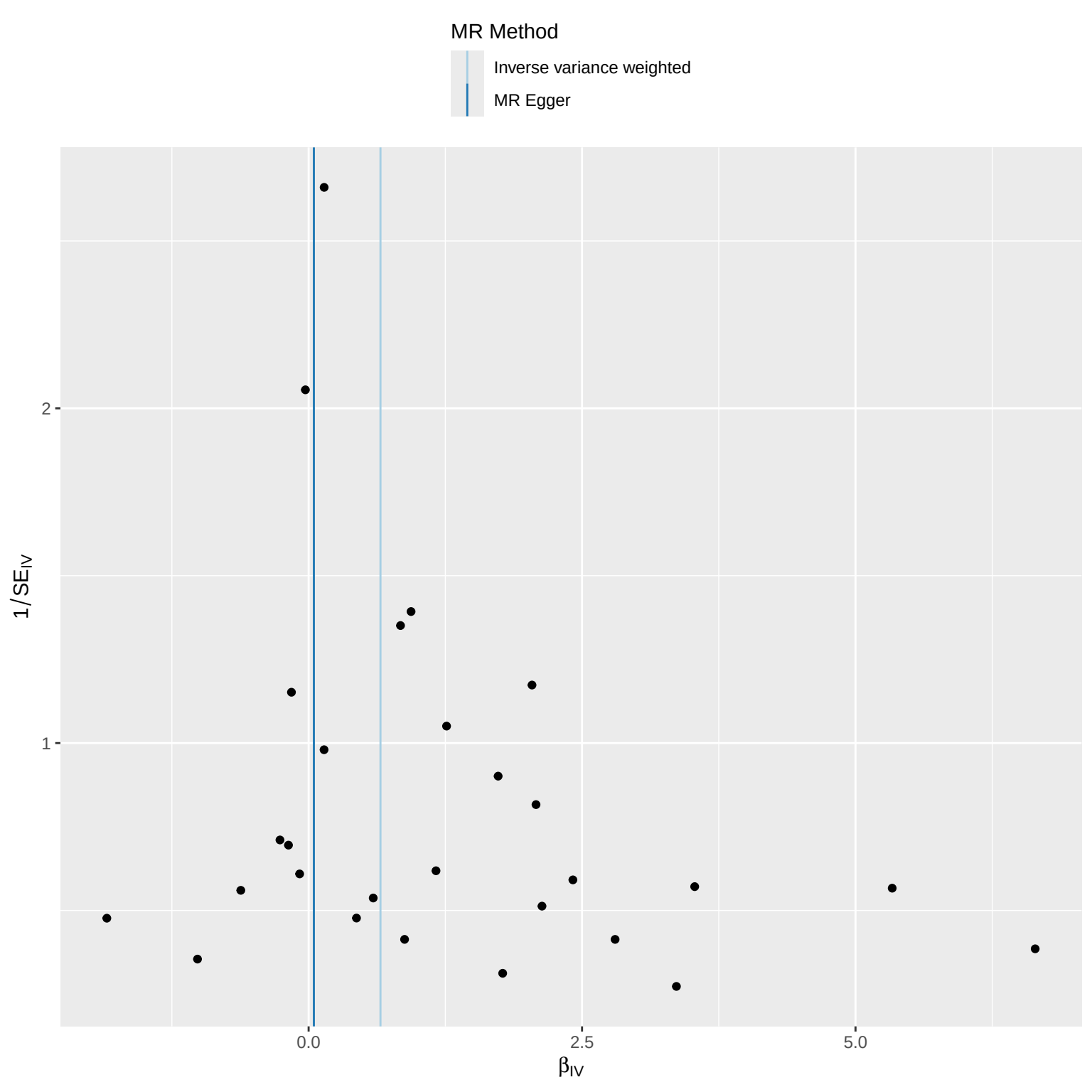

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

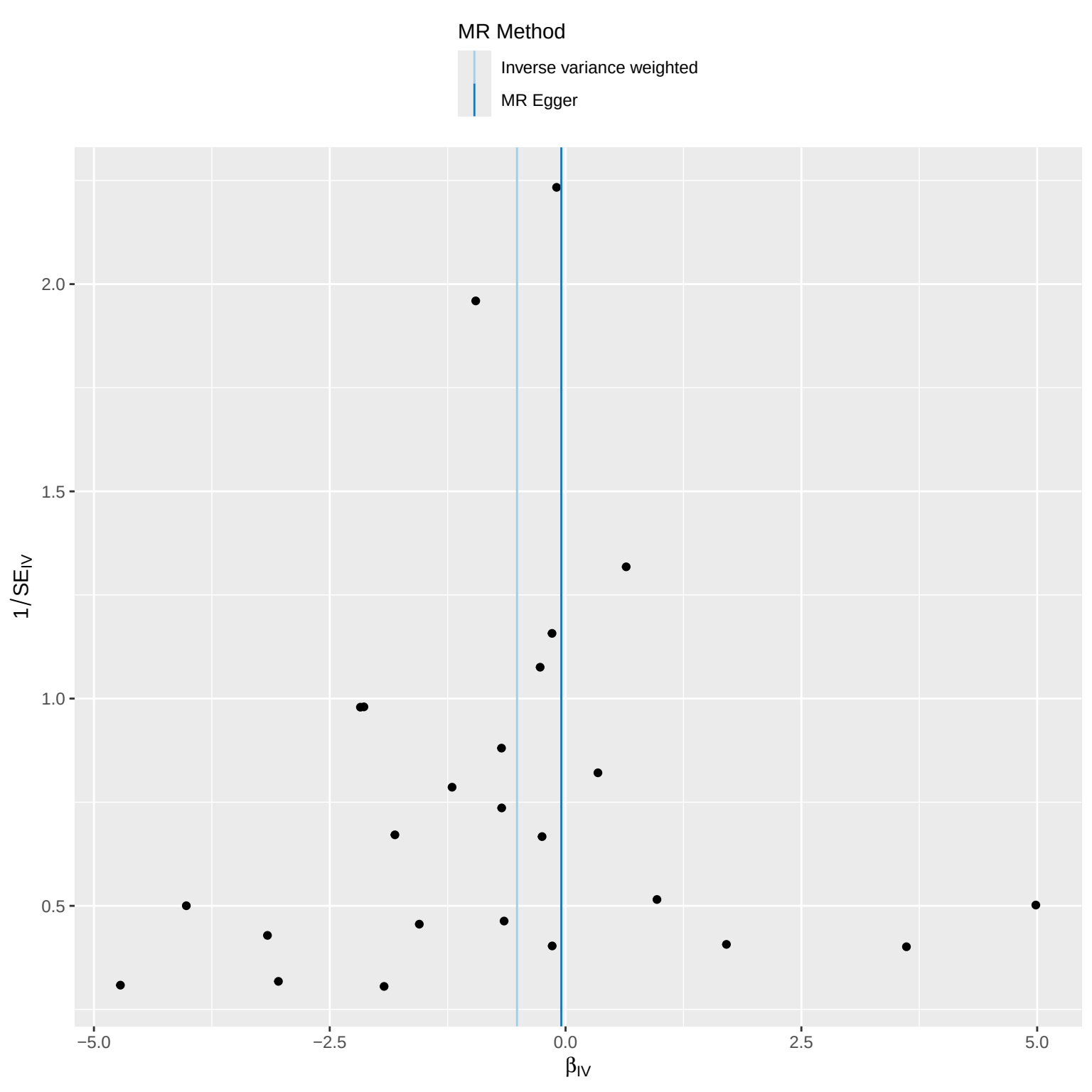

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

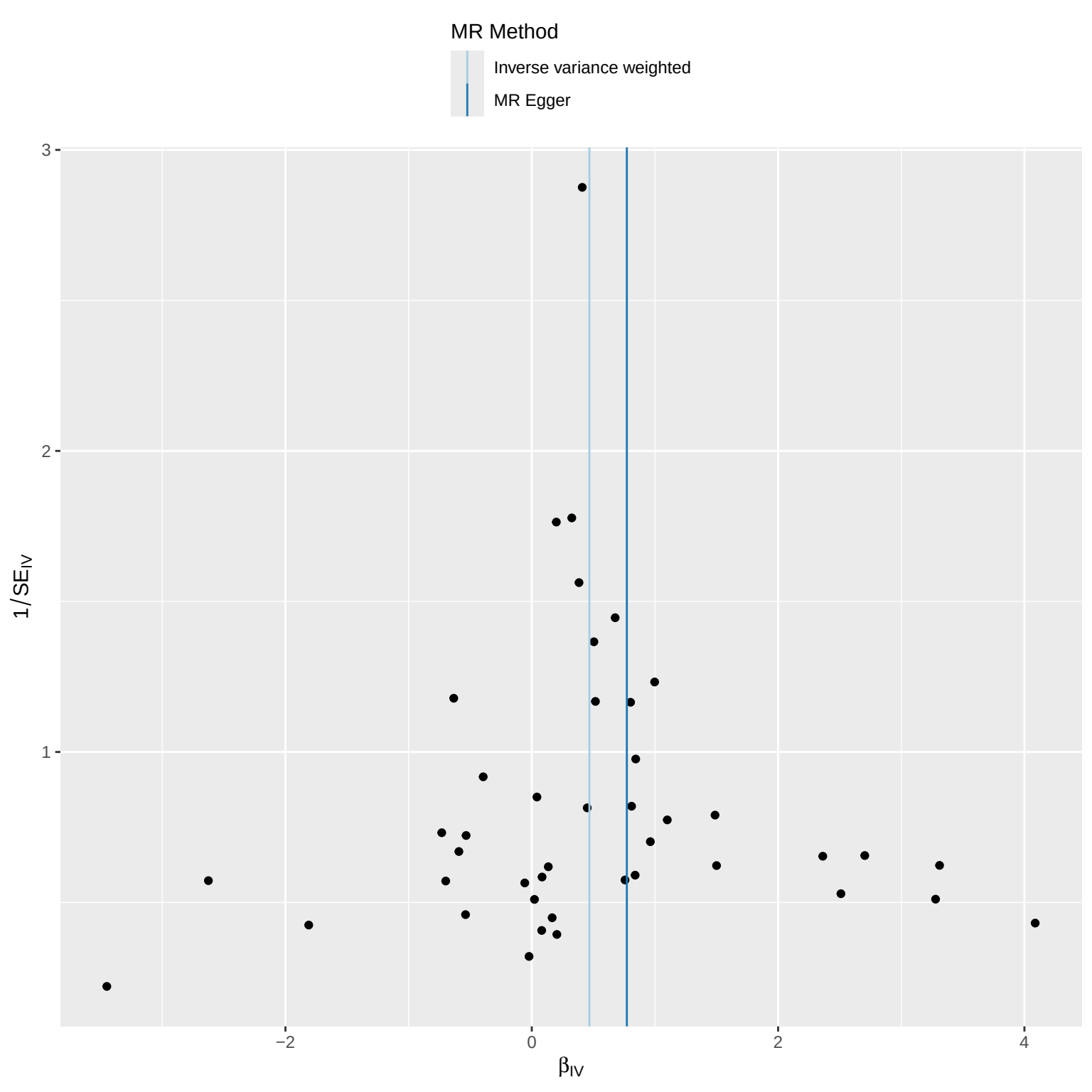

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

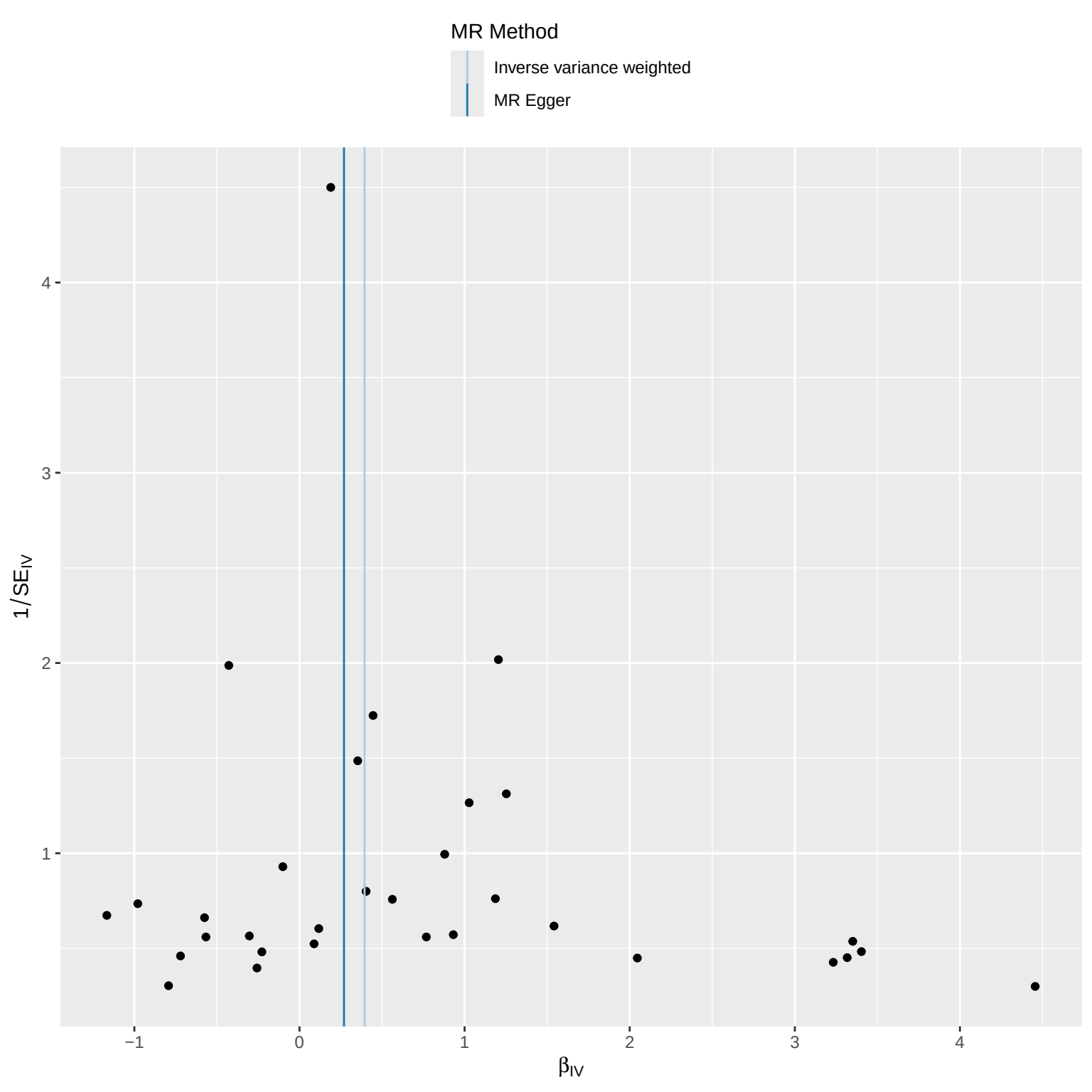

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

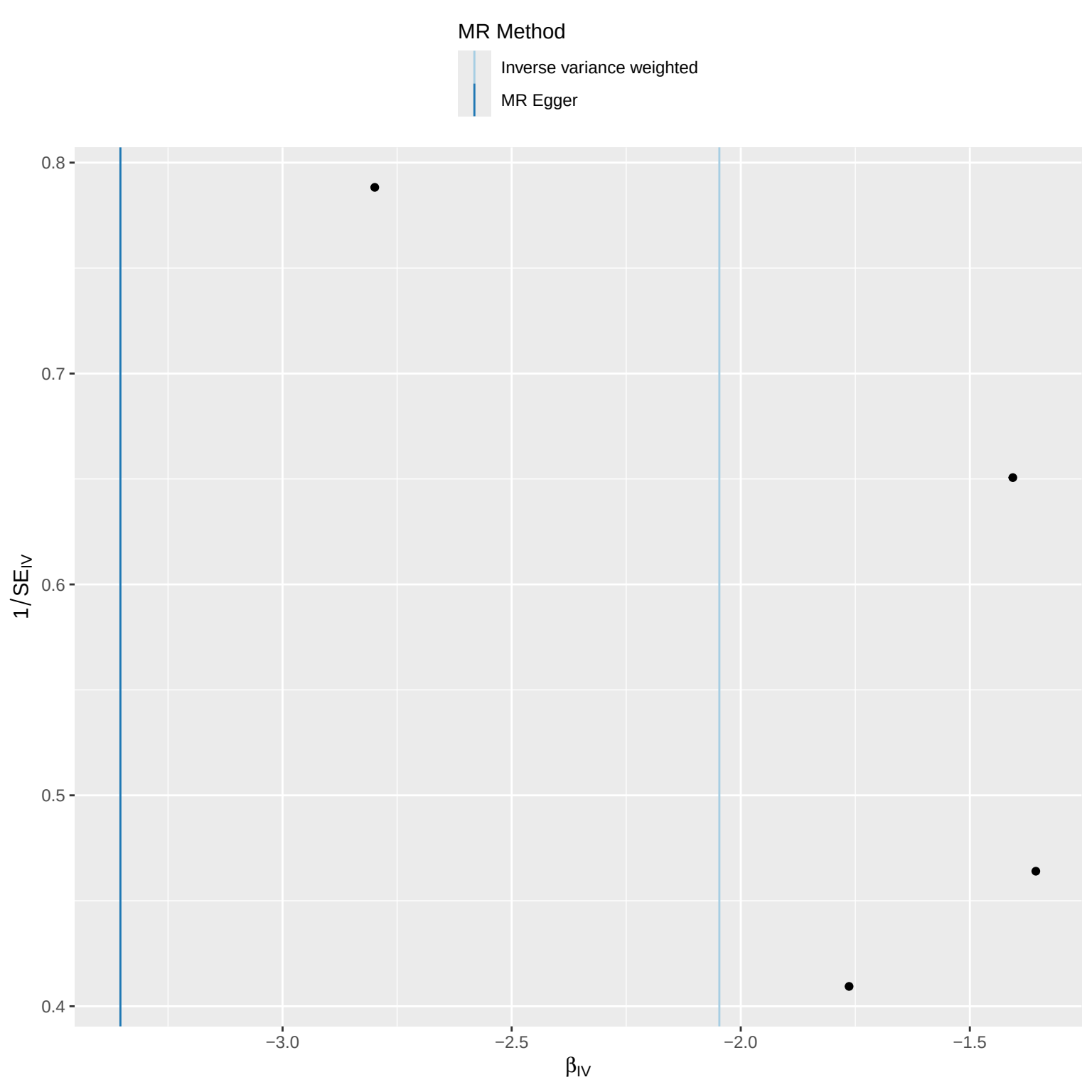

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2.5
0.0
2.5
β_IV

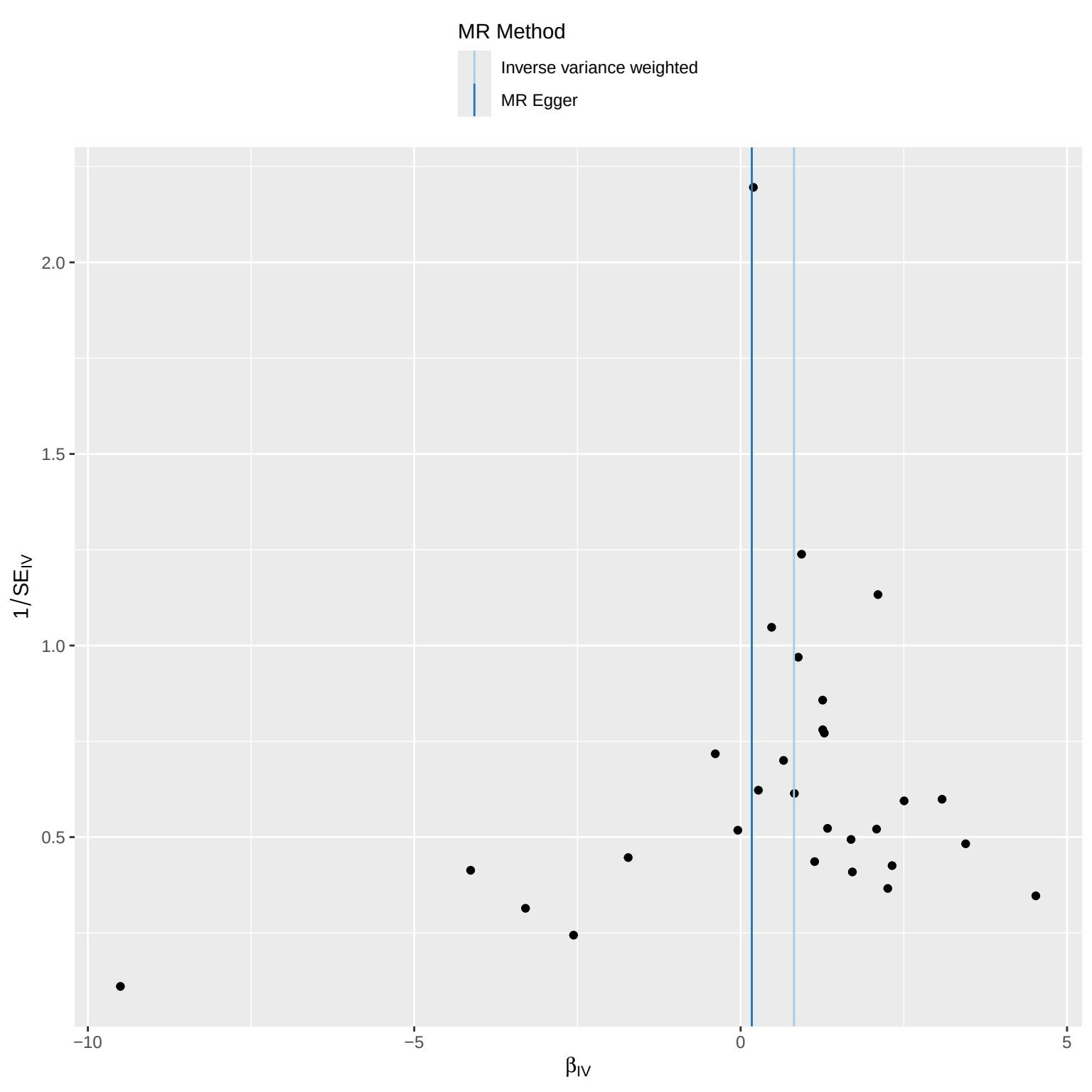

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0.0
2.5
5.0
β_IV

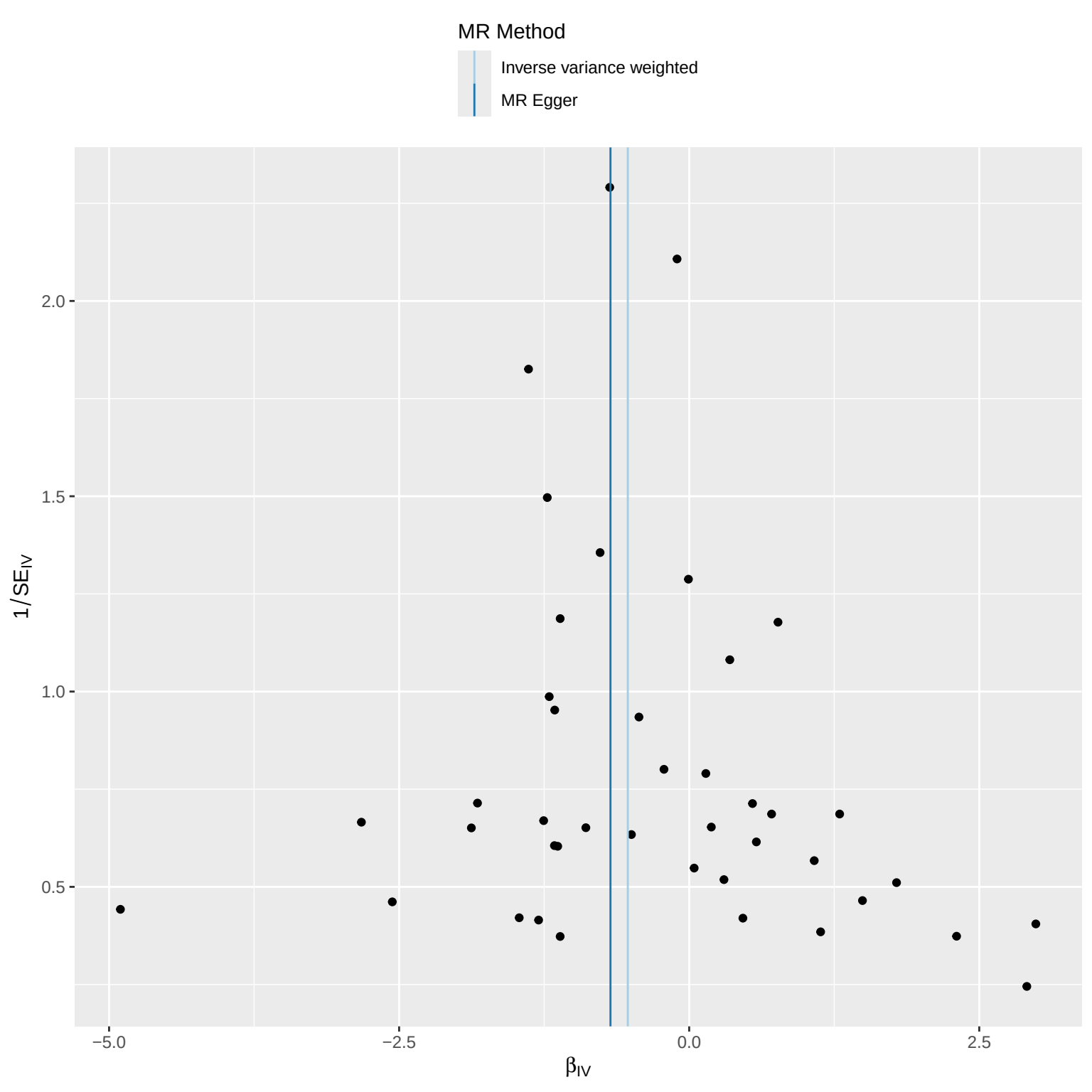

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

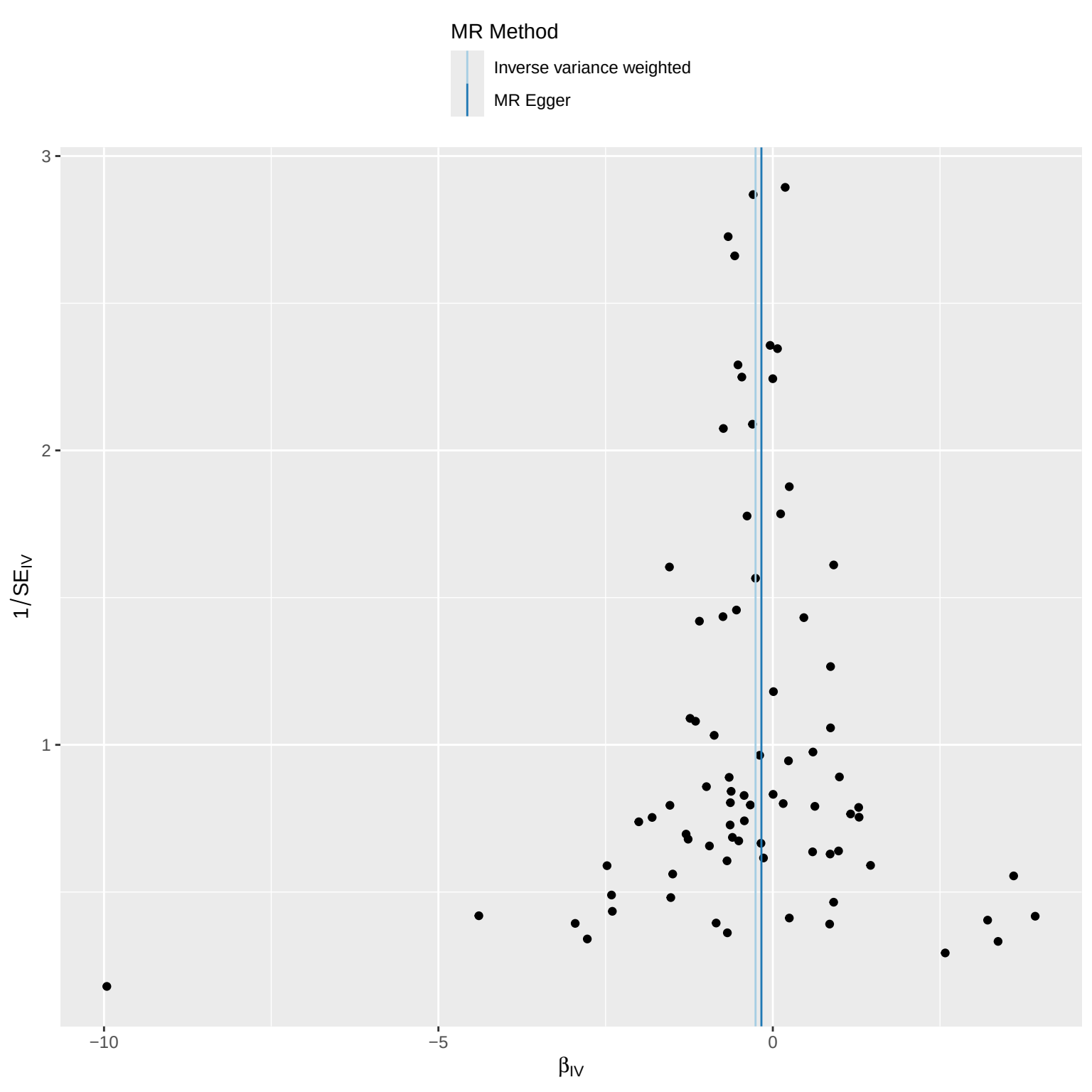

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

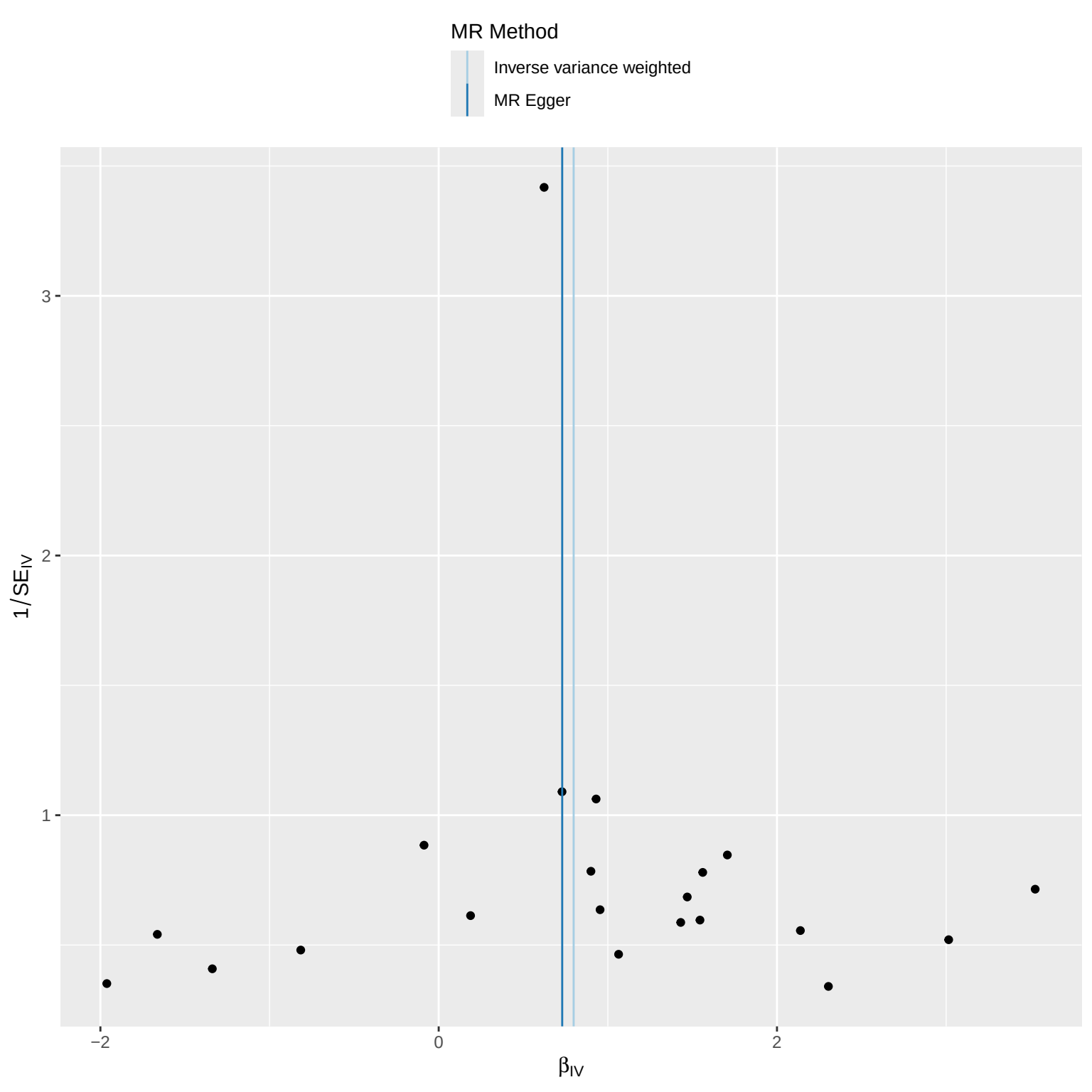

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

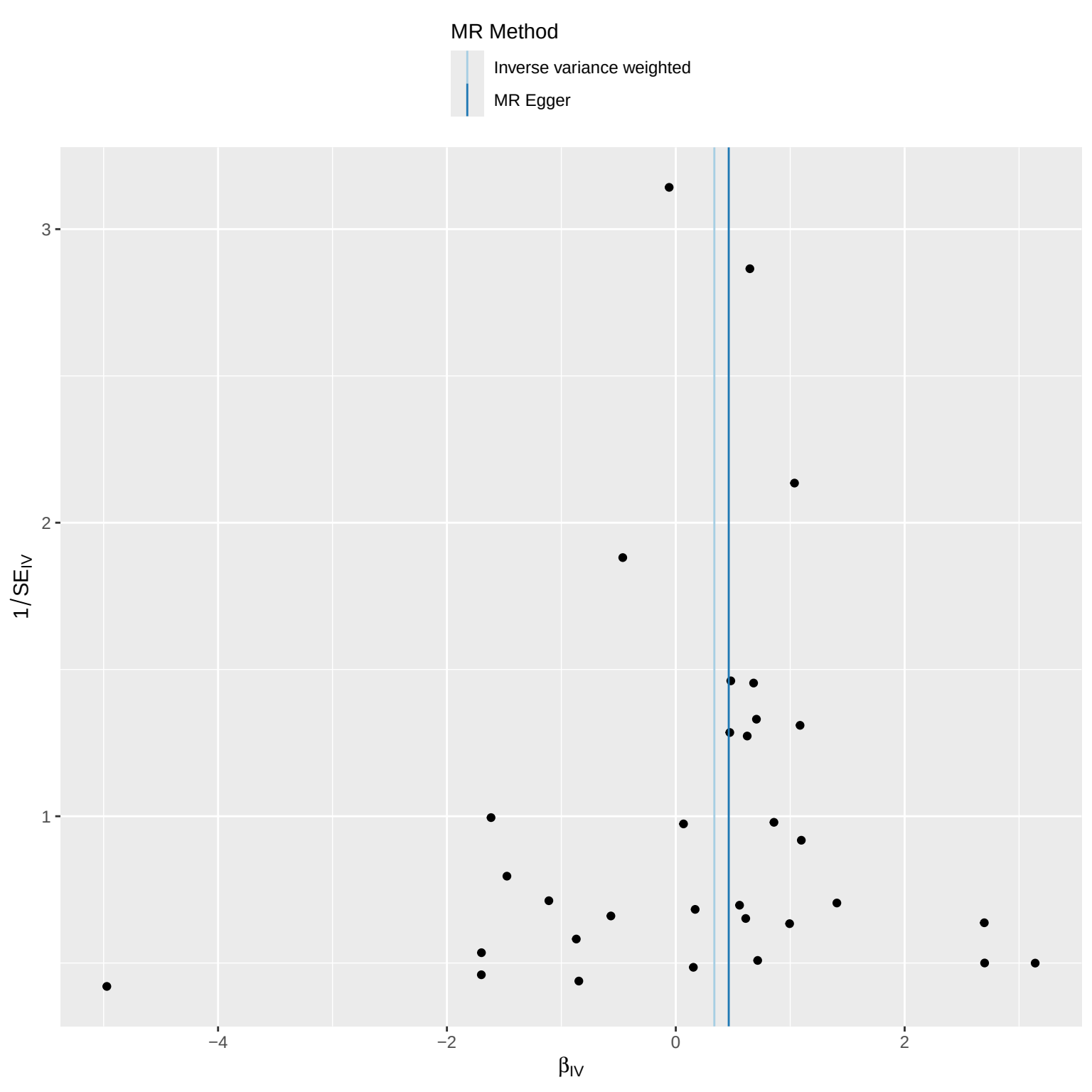

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−3.0
−2.5
−2.0
−1.5
β_IV

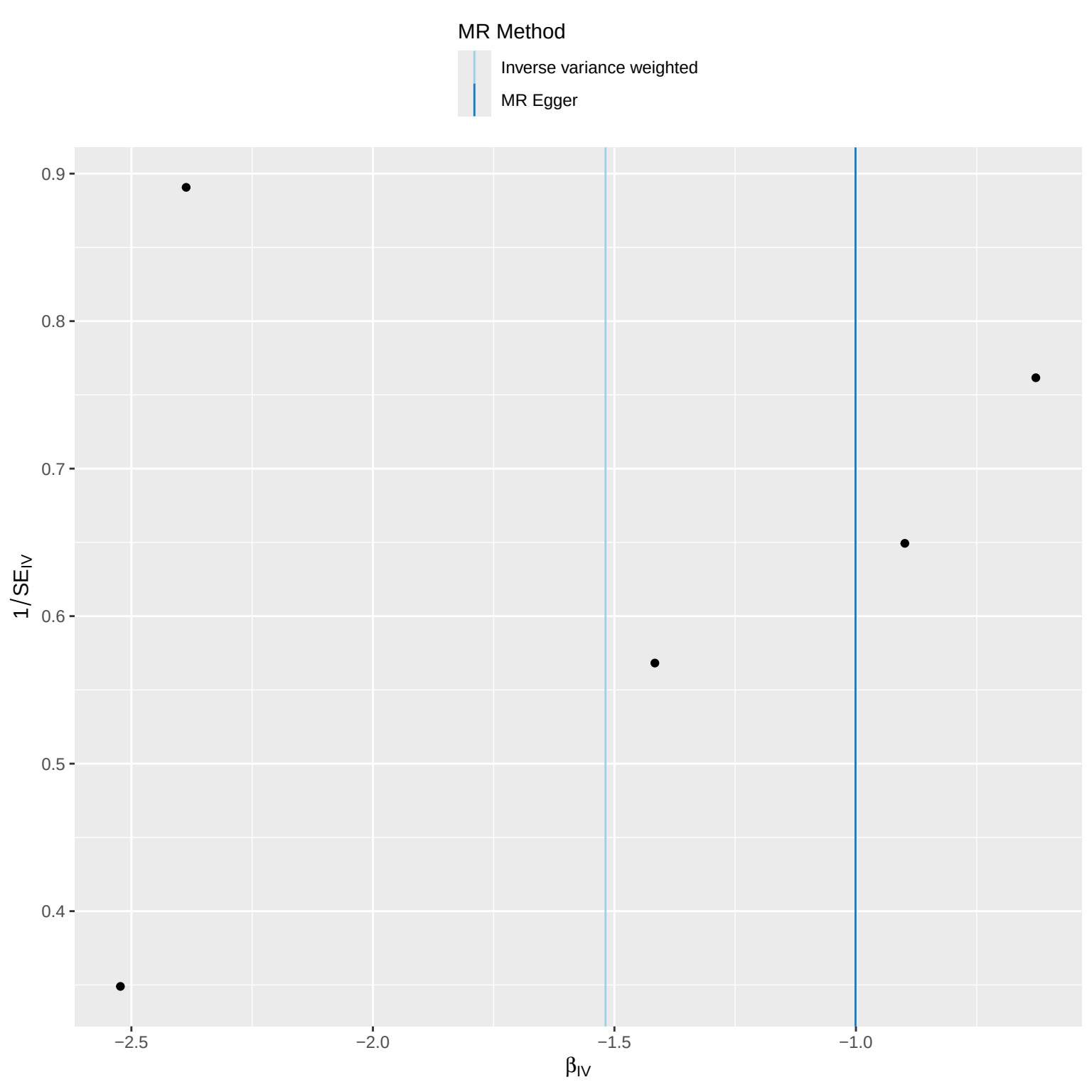

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−10
−5
0
5
β_IV

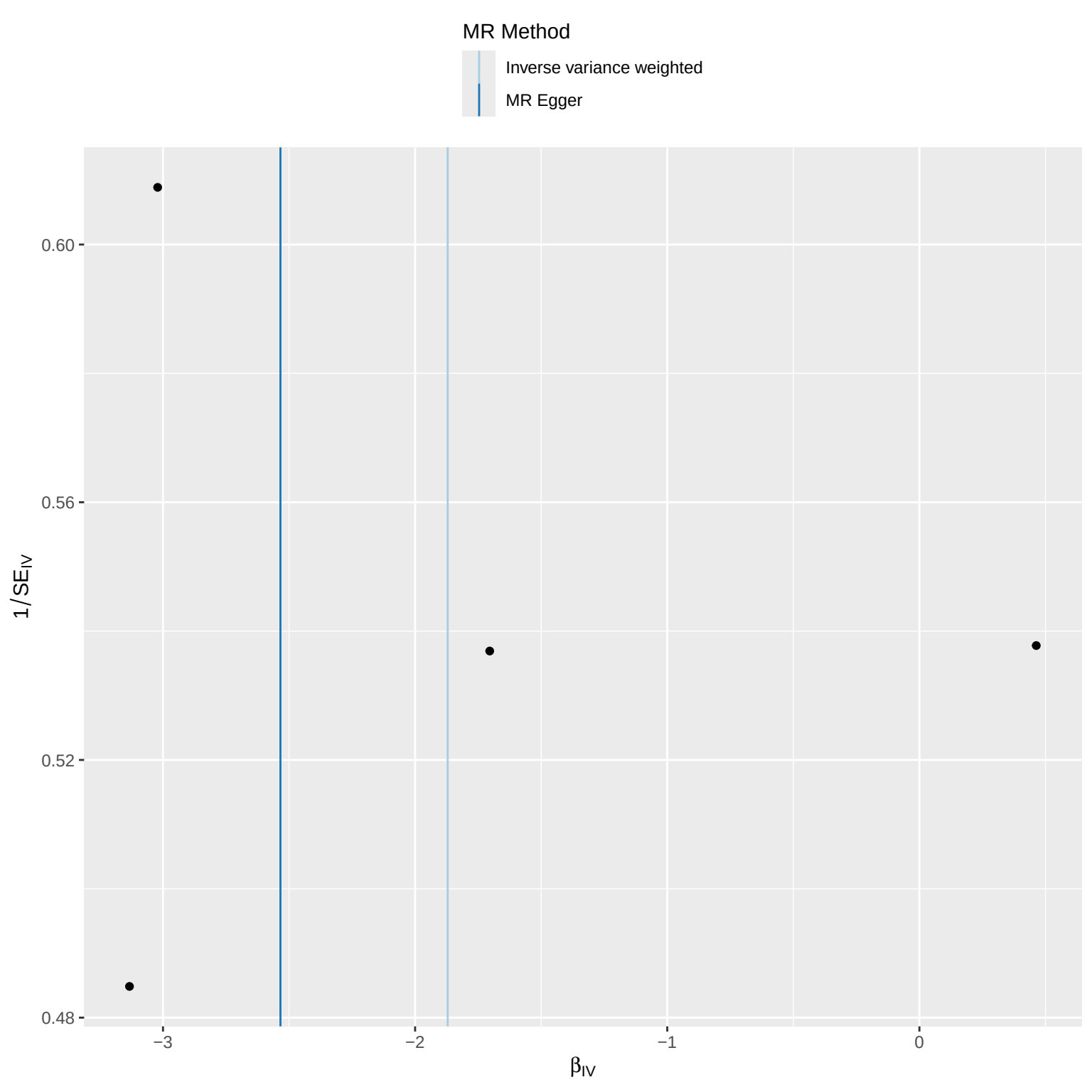

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

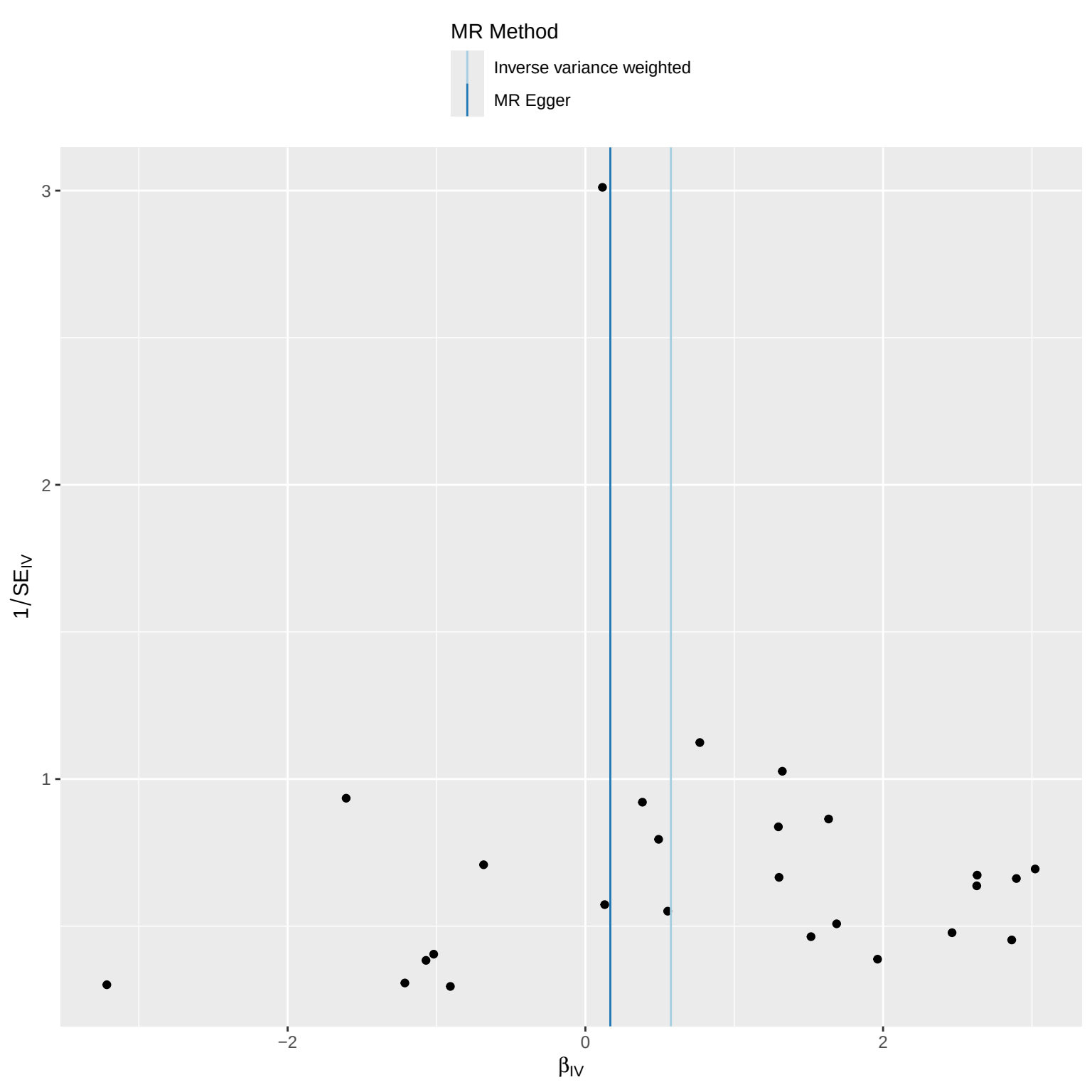

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−10
−5
0
β_IV

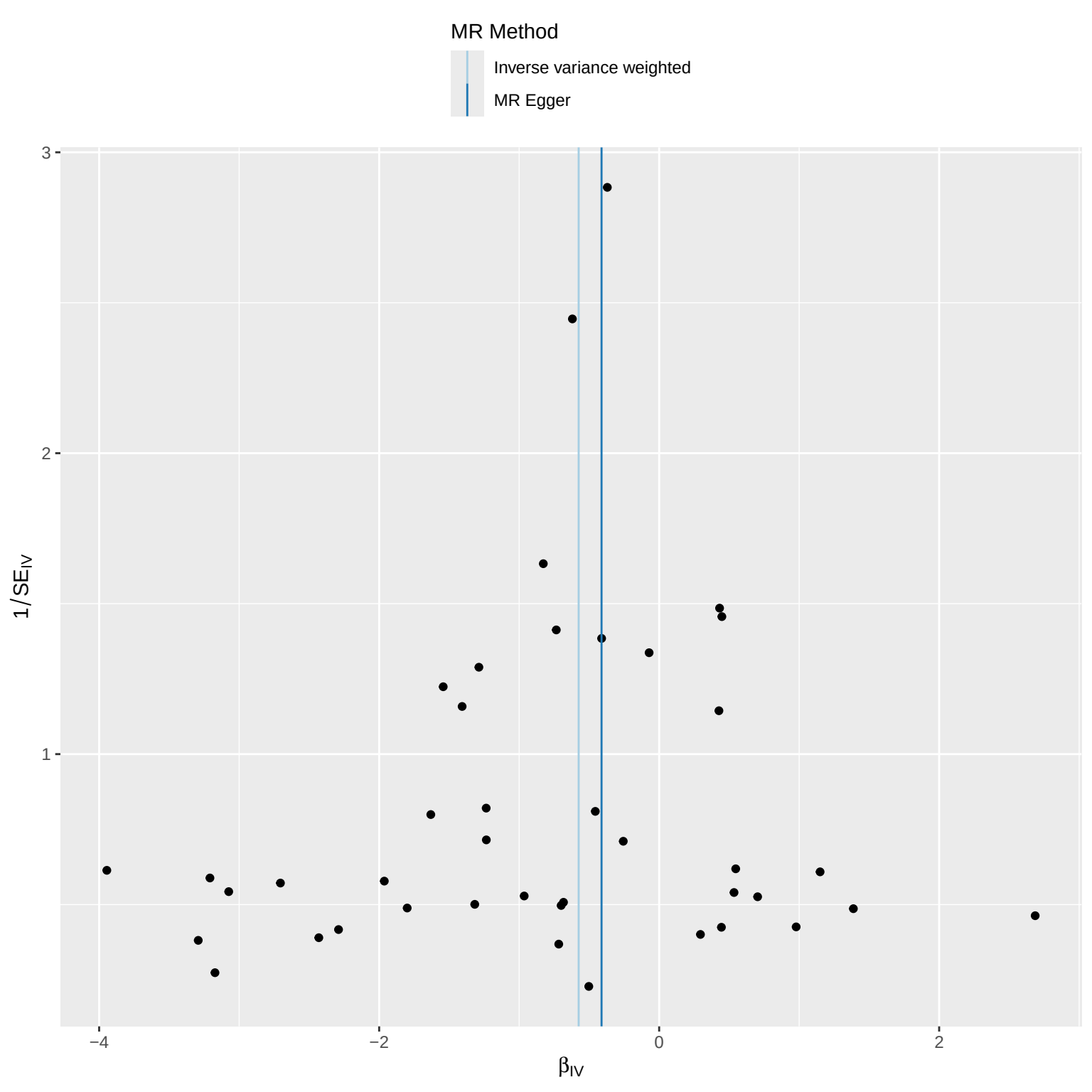

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

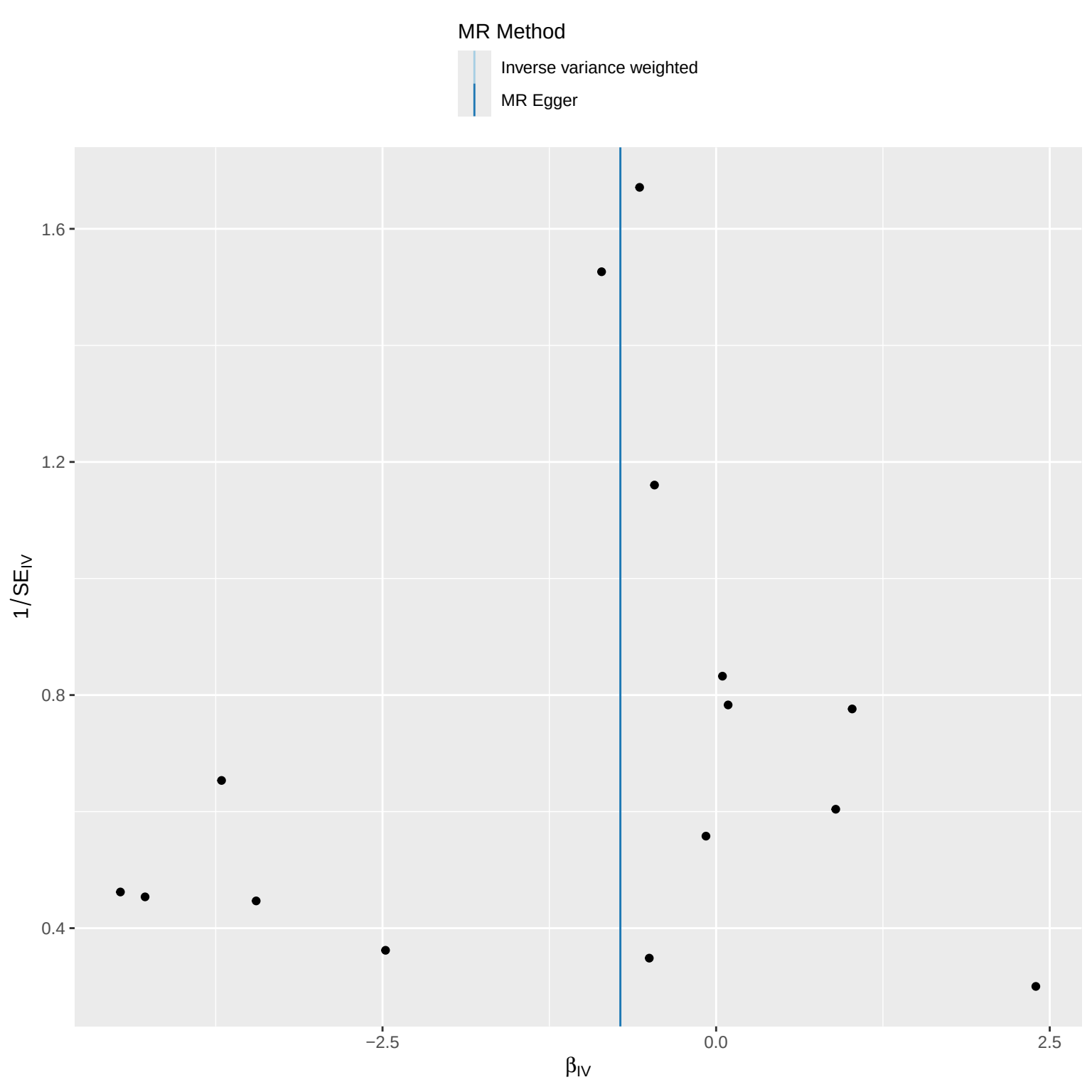

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

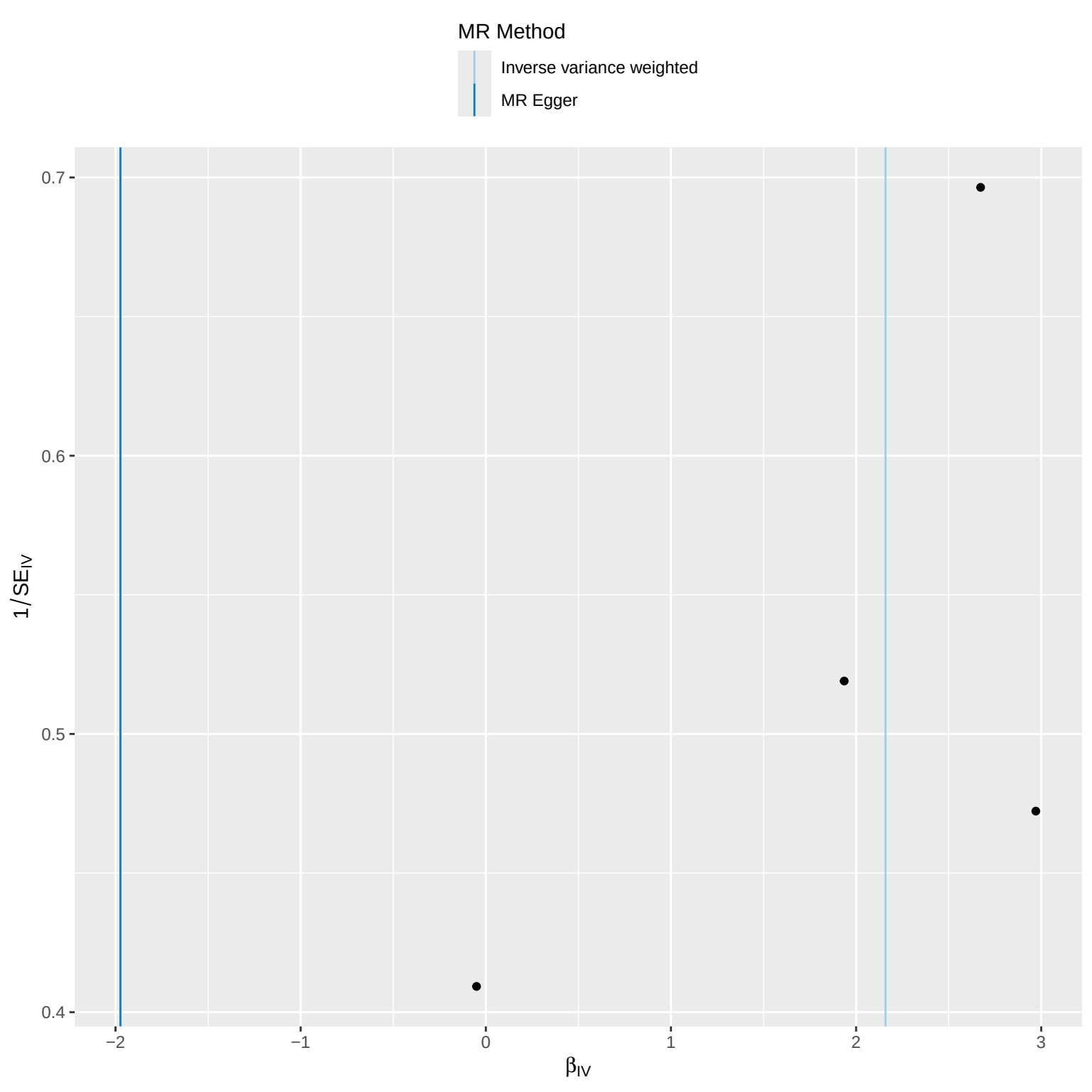

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−2.5
−2.0
−1.5
−1.0
β_IV

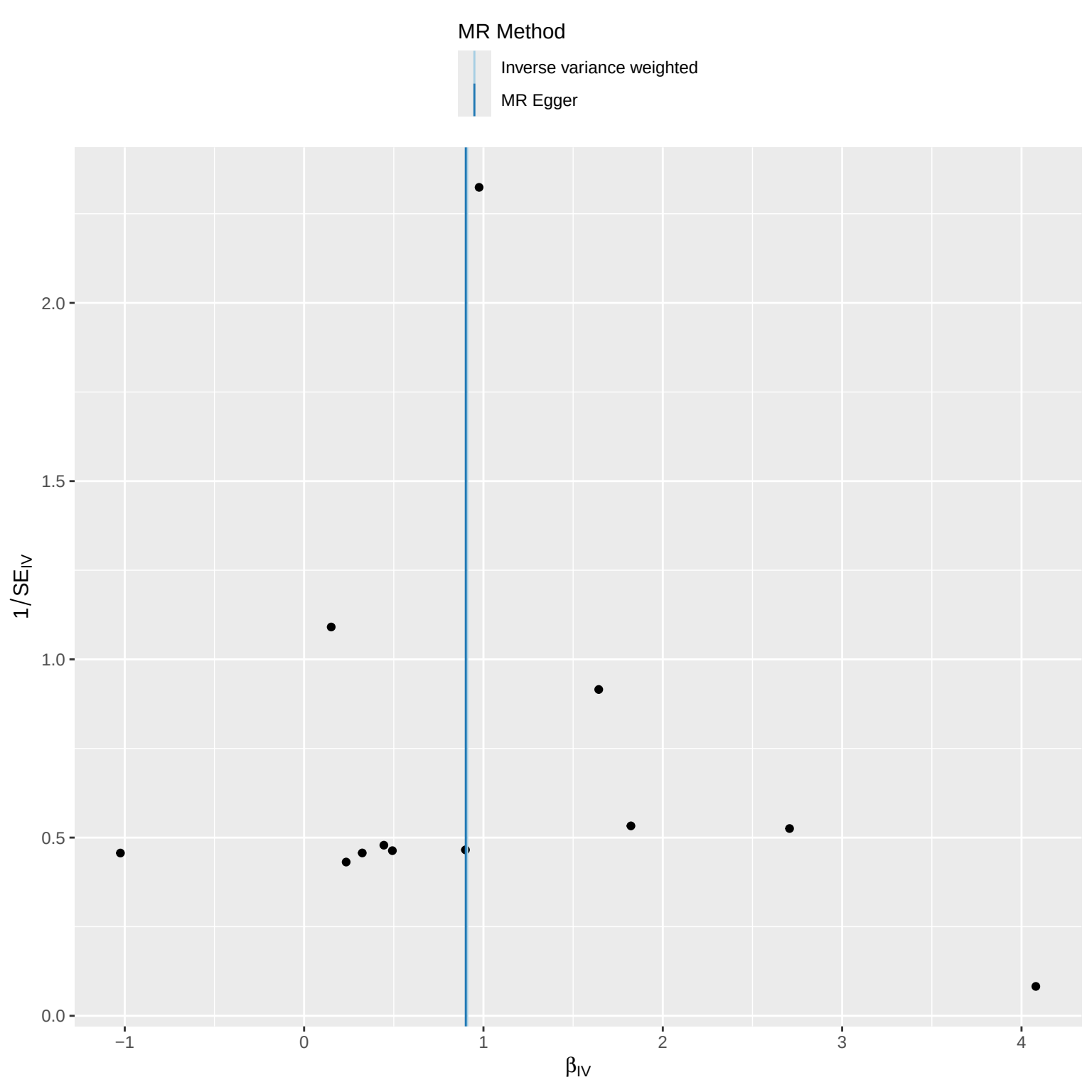

MR Method
Inverse variance weighted
MR Egger
0.60
0.56
0.52
0.48
1/SE_IV
−3
−2
−1
0
β_IV

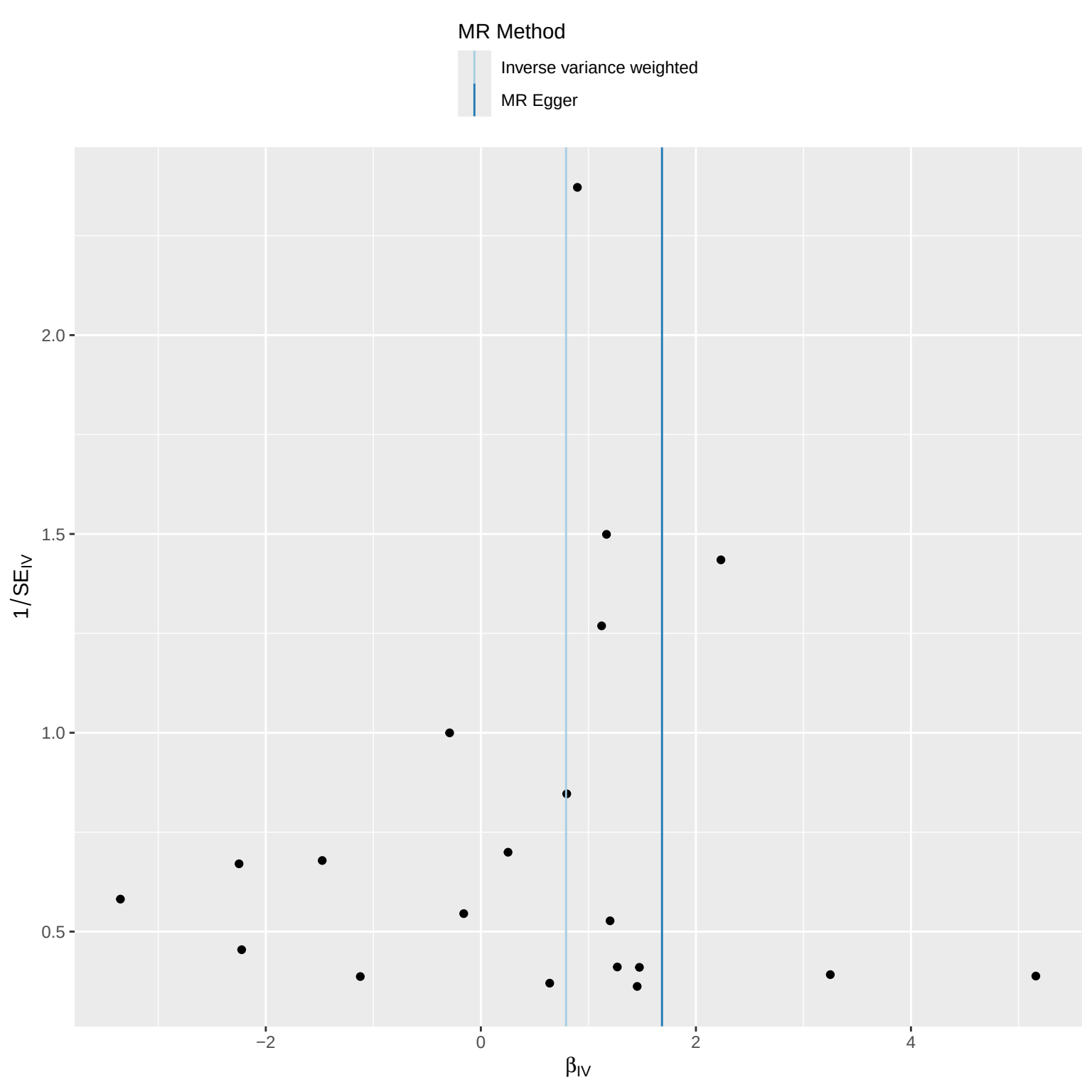

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

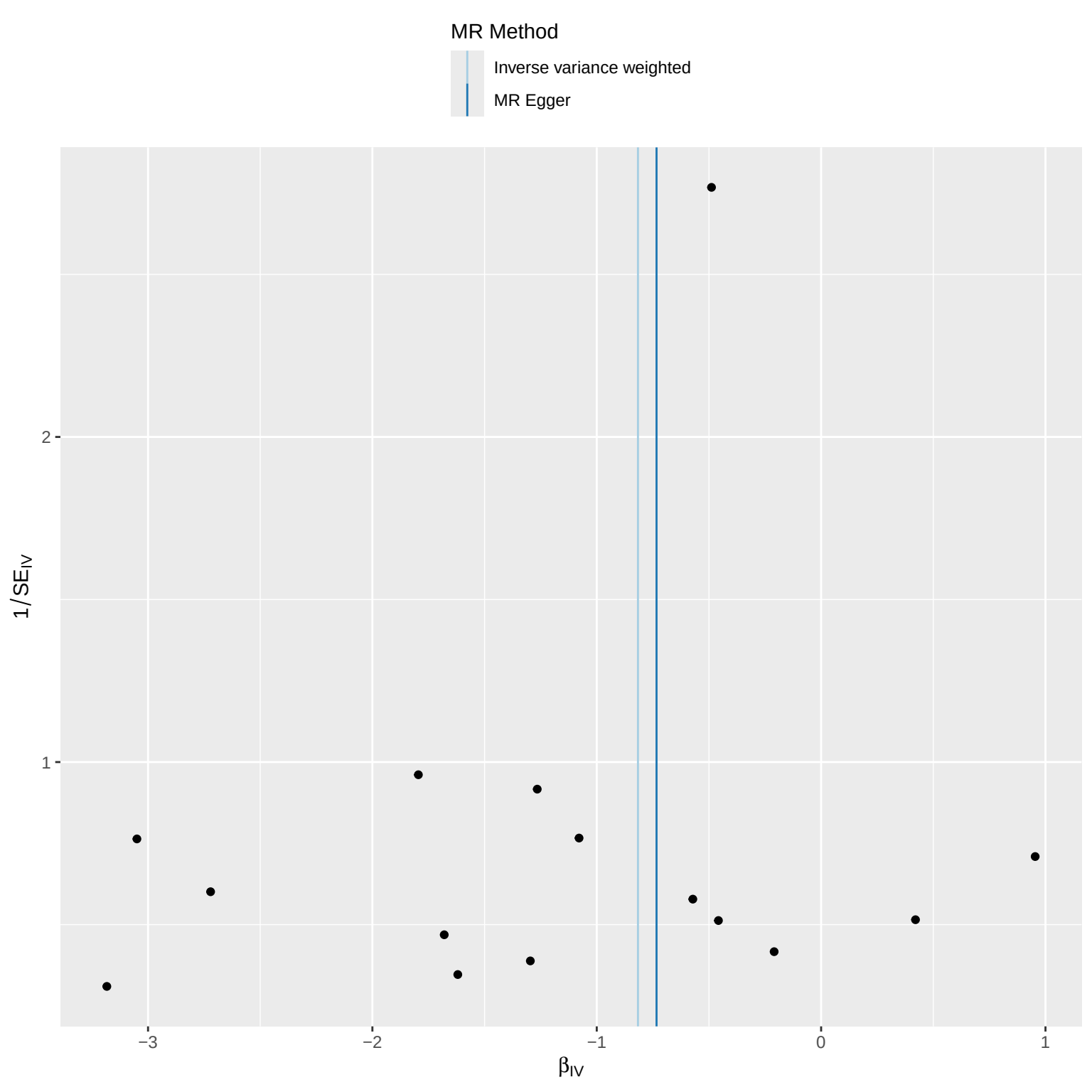

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

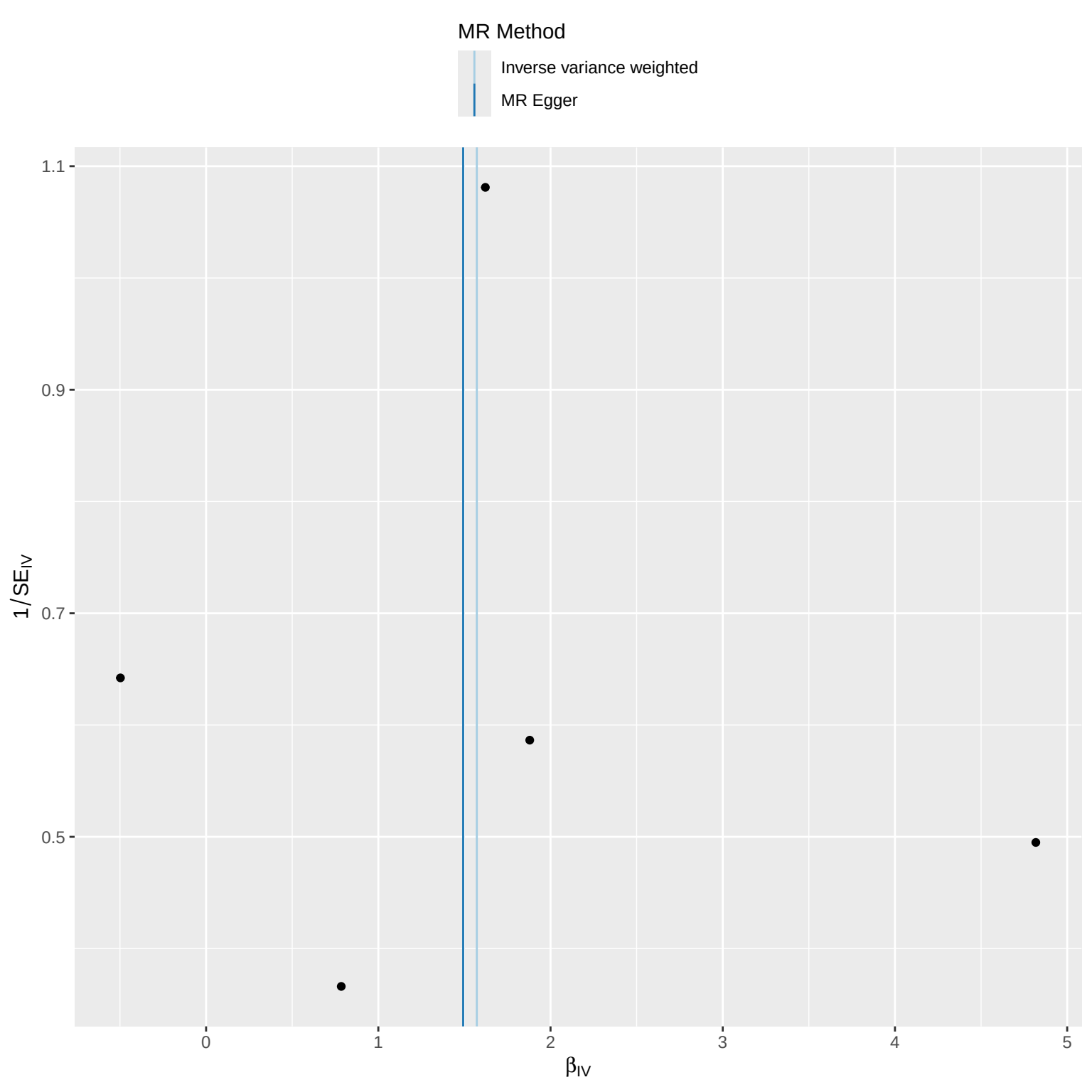

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2.5
0.0
2.5
β_IV

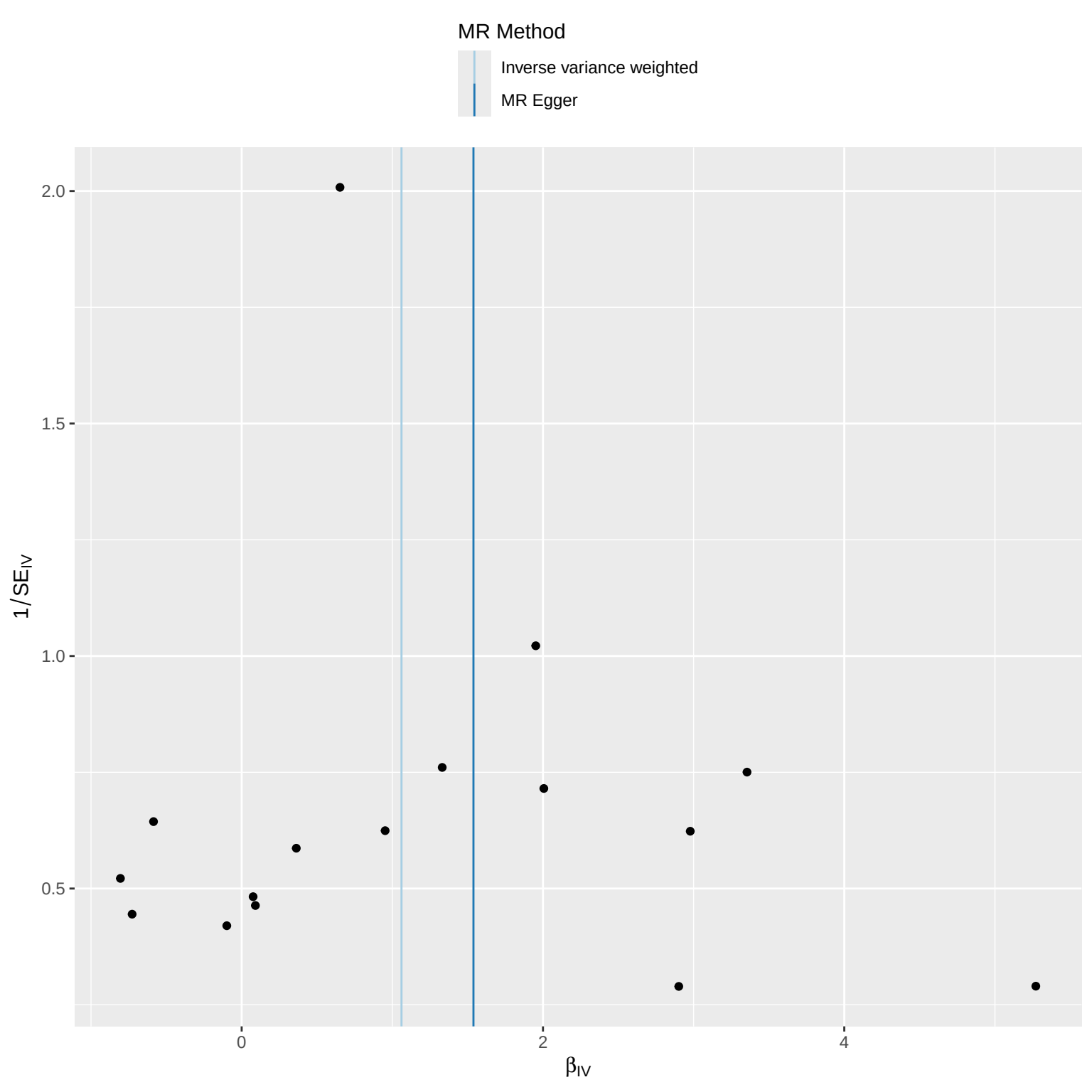

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
−2
−1
0
1
2
3
β_IV

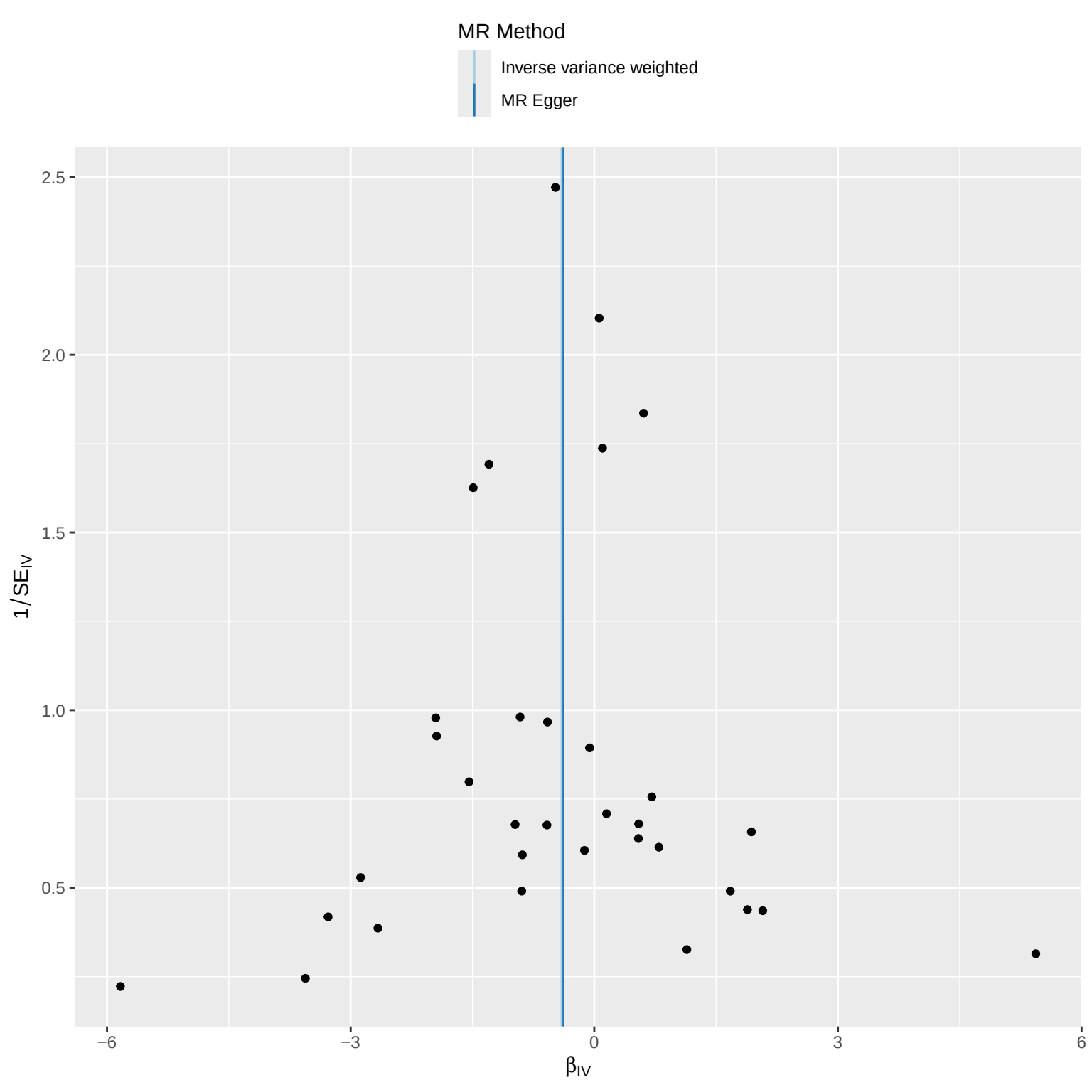

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
0.0
1/SE_IV
−1
0
1
2
3
4
β_IV

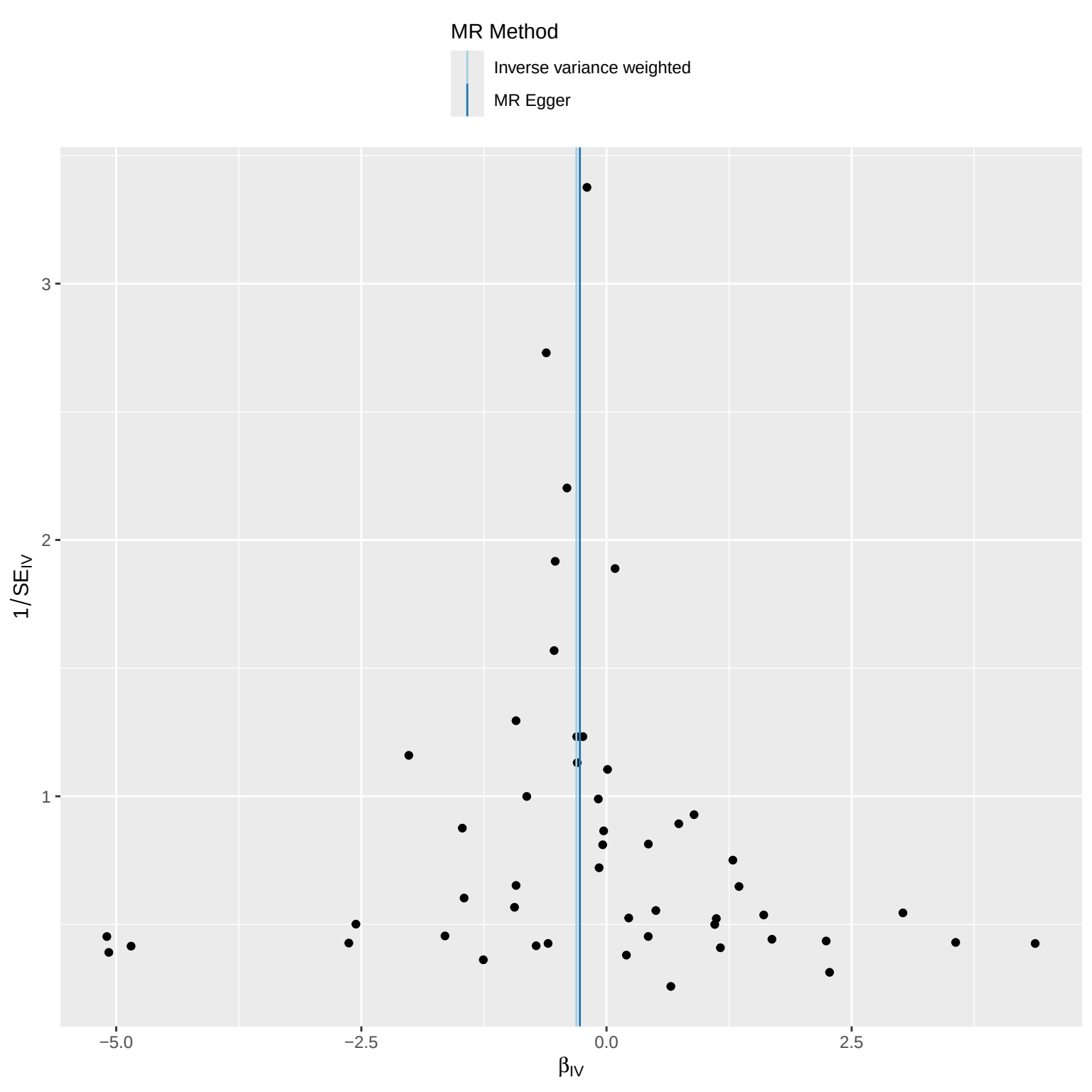

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

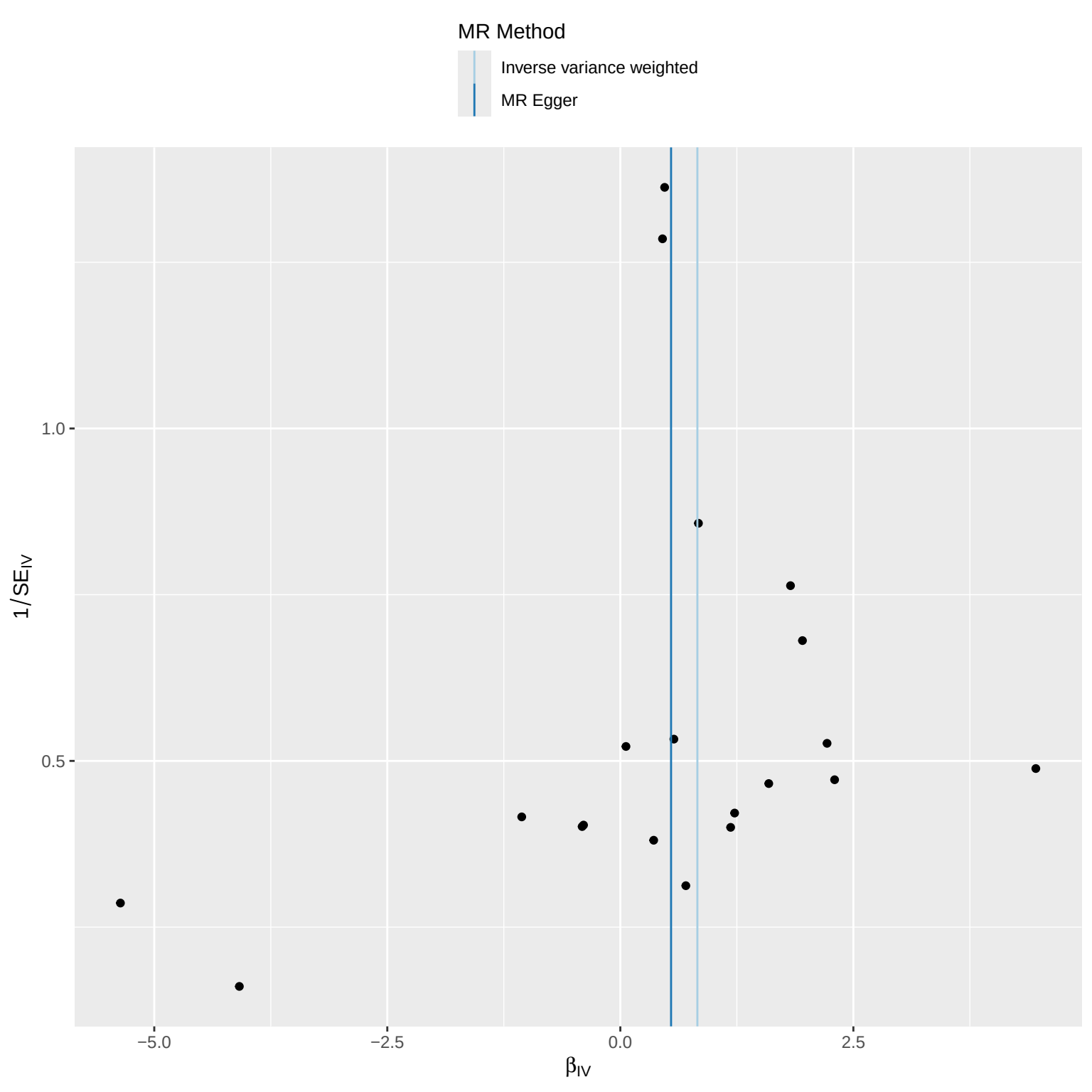

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

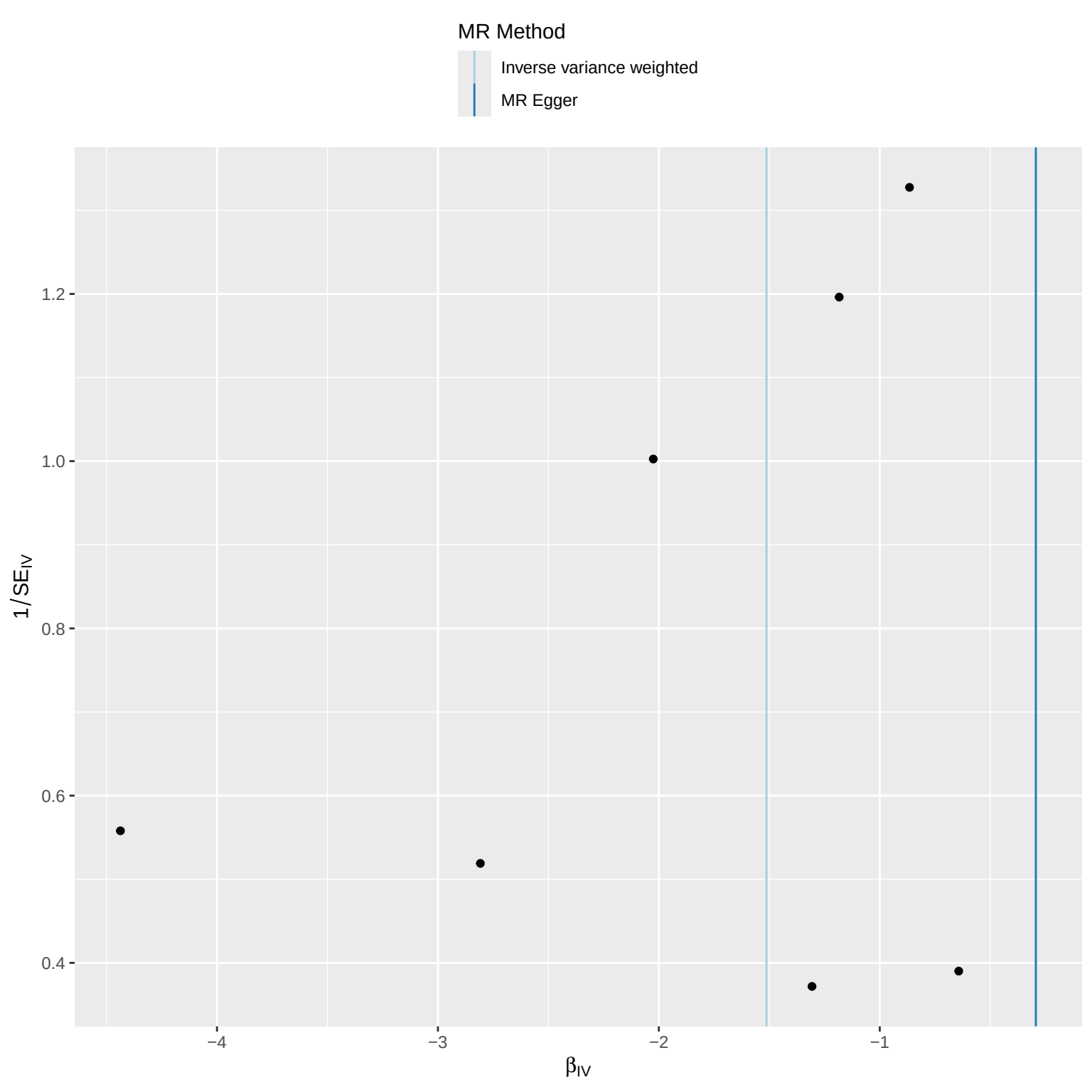

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
1/SE_IV
0
1
2
3
4
5
β_IV

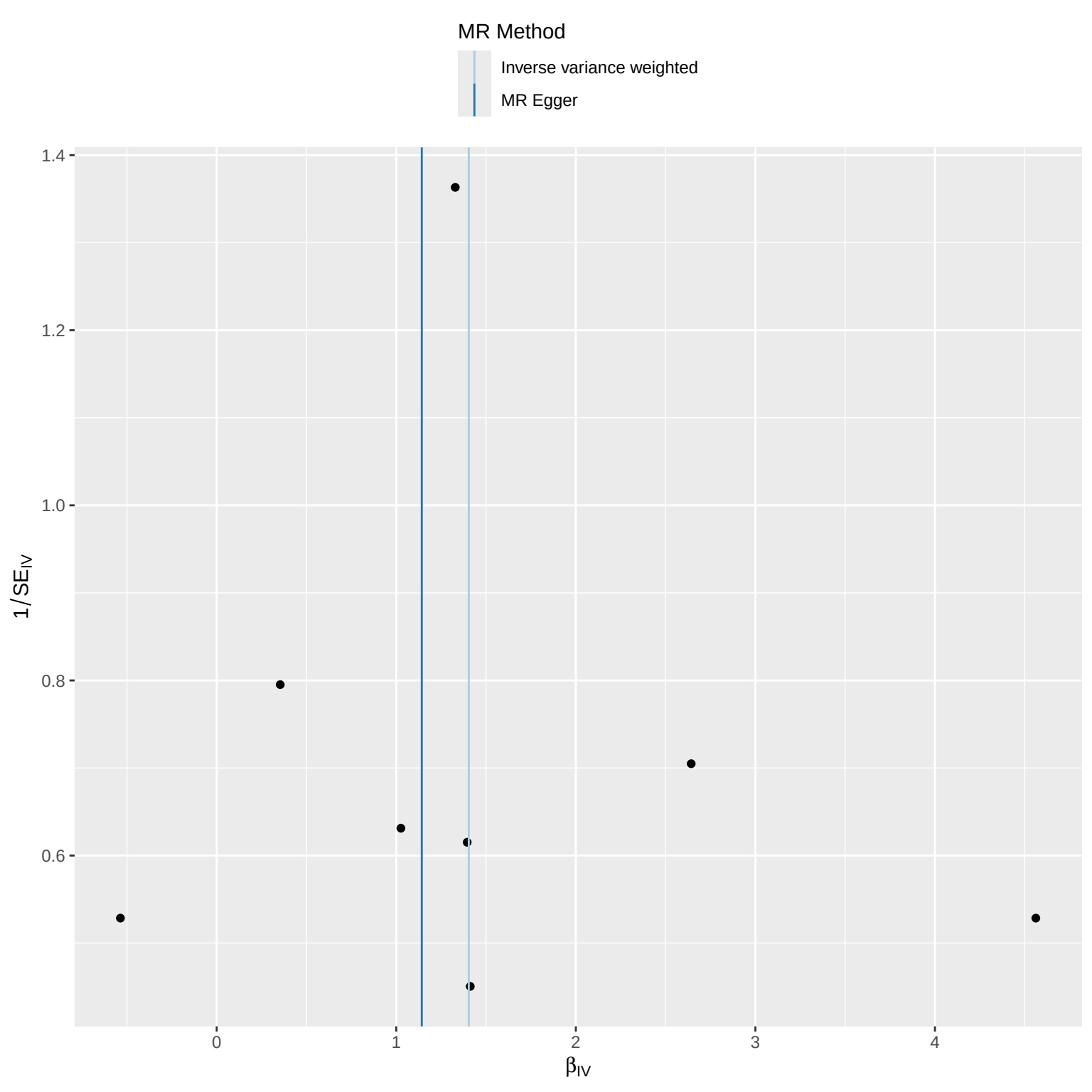

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

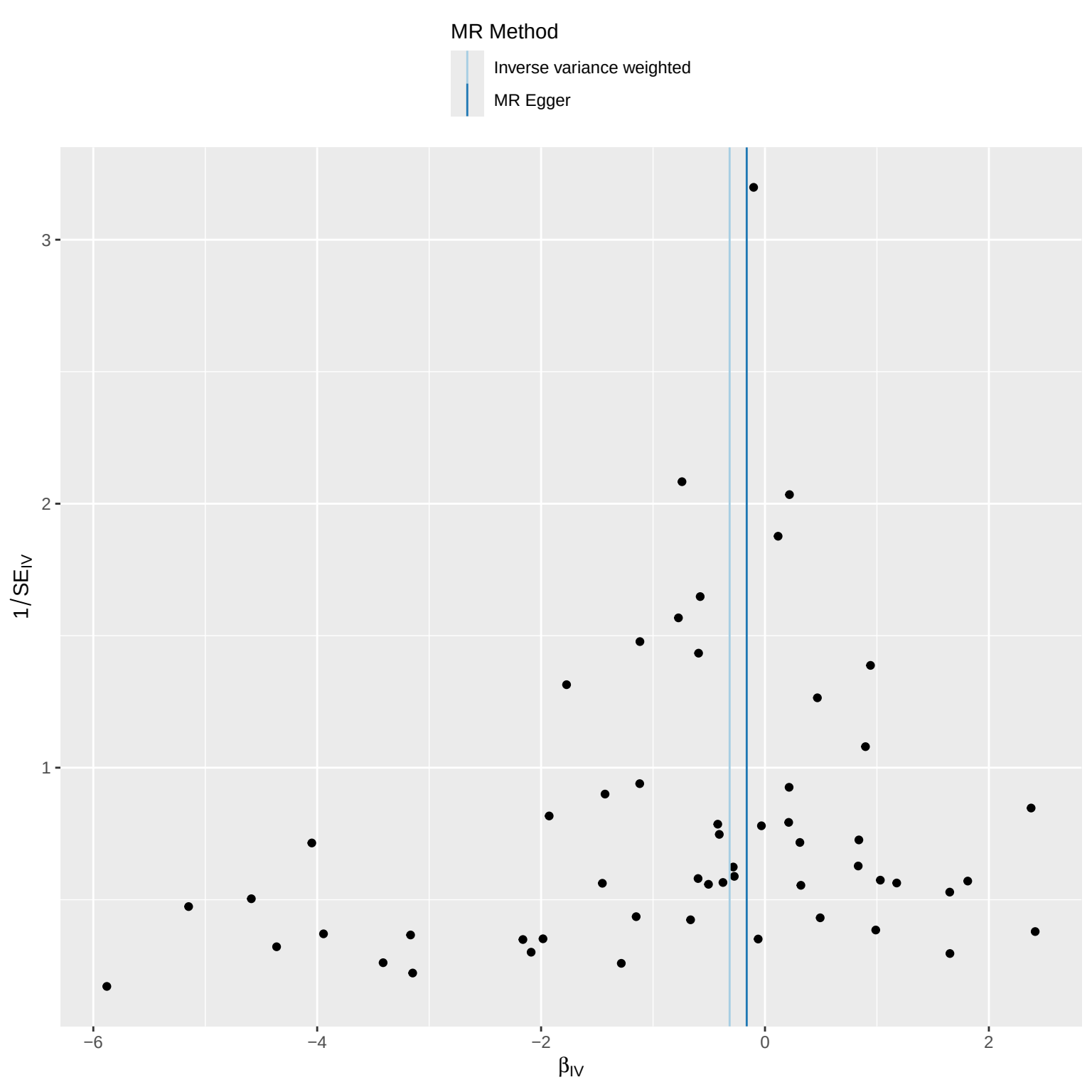

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−6
−3
0
3
6
β_IV

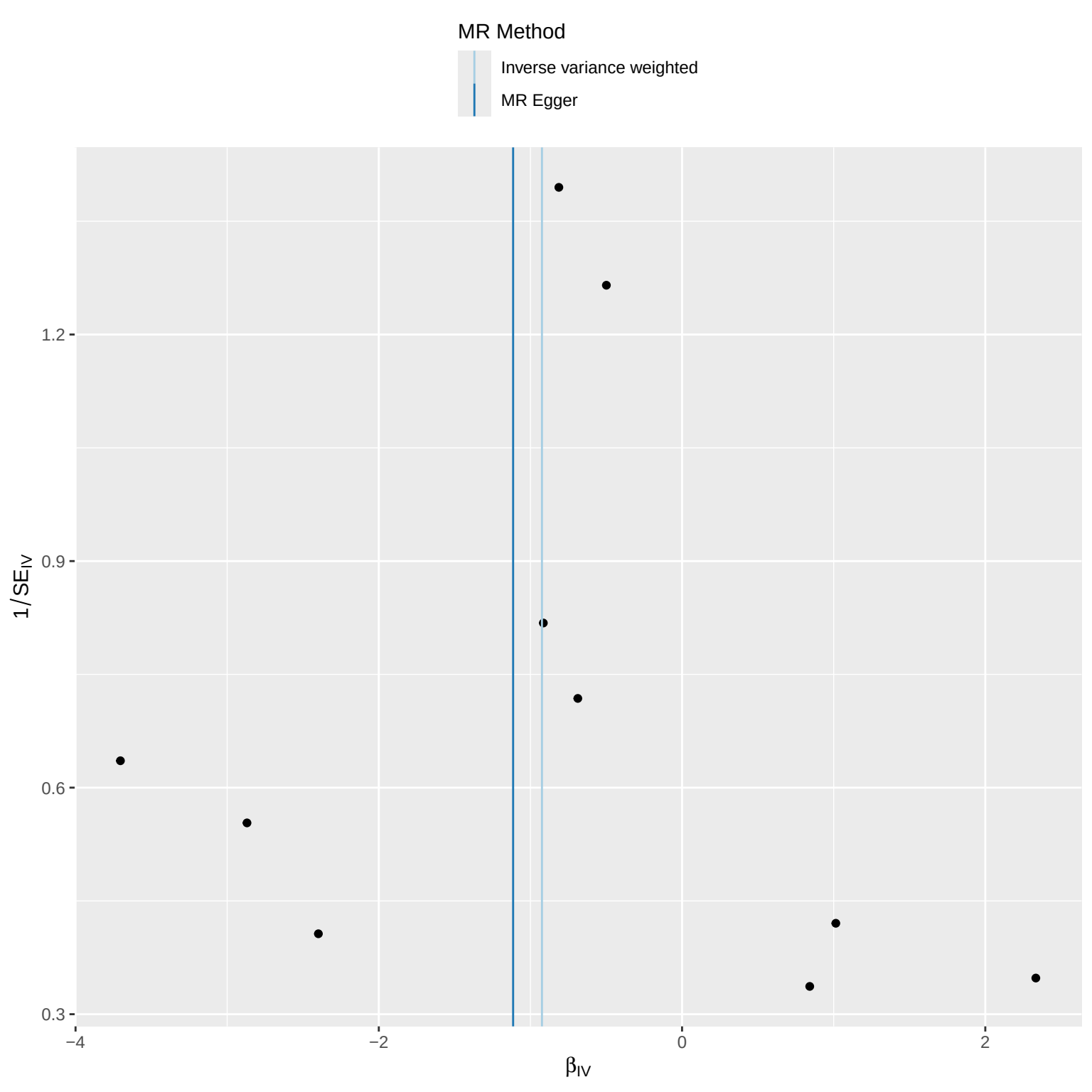

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

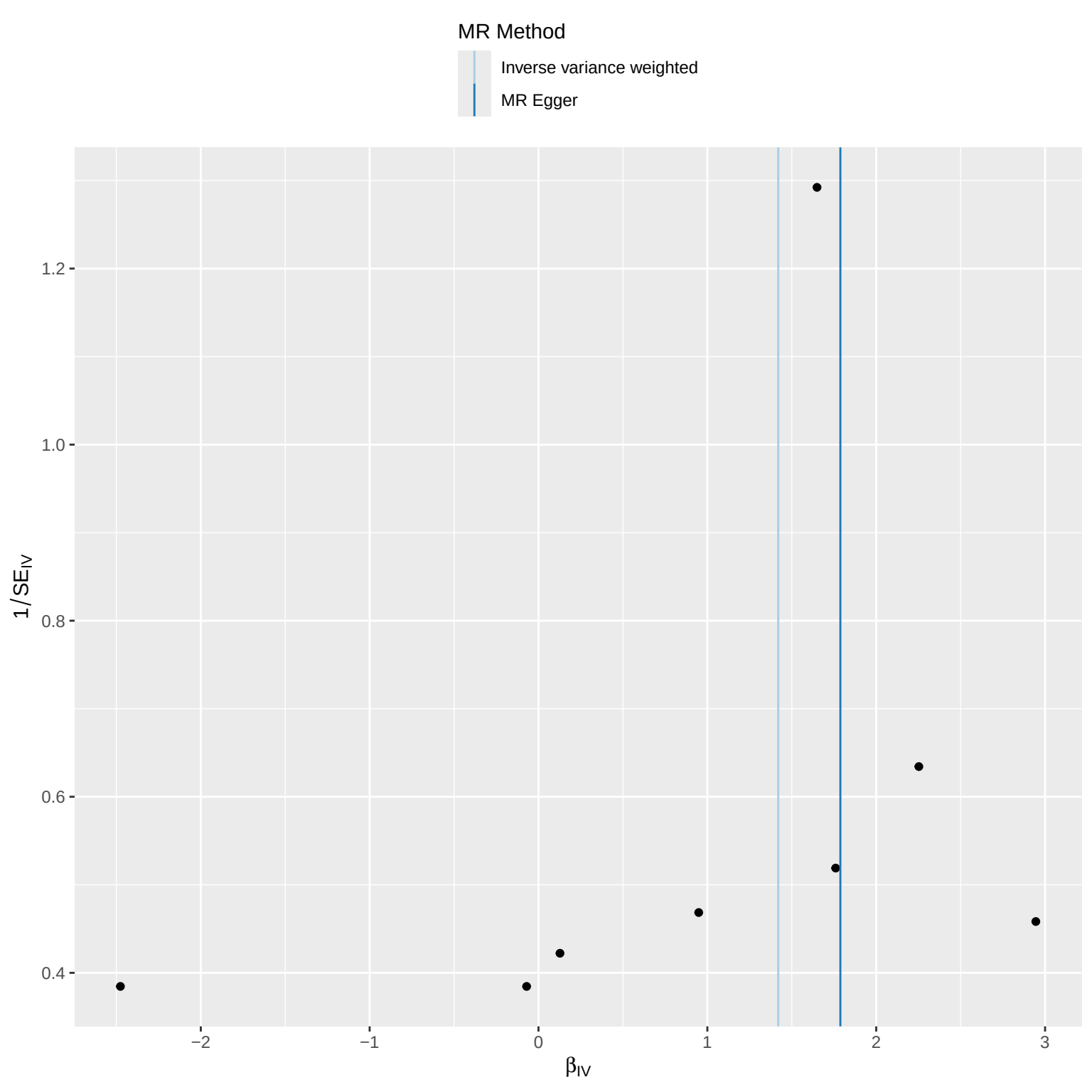

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

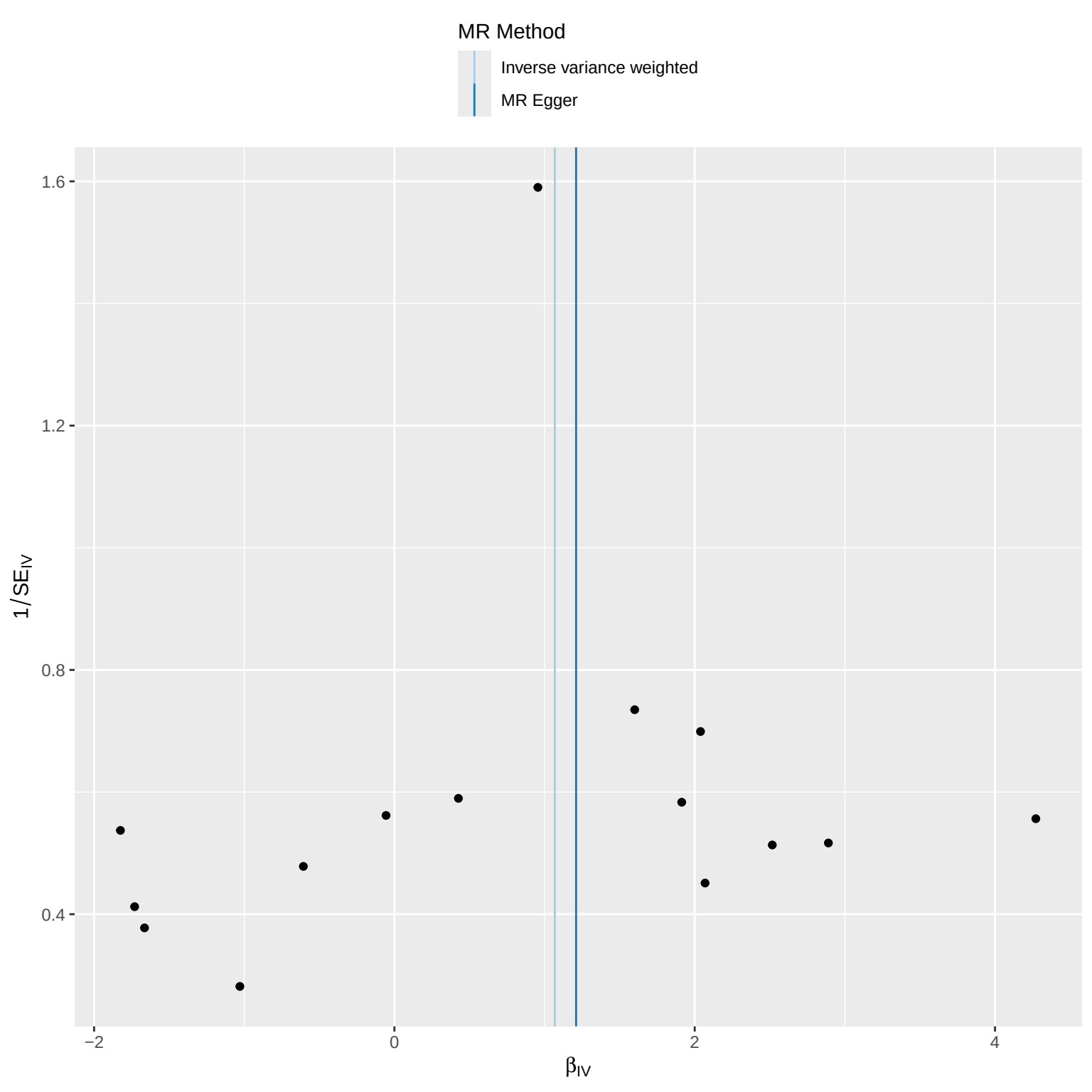

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
β_IV

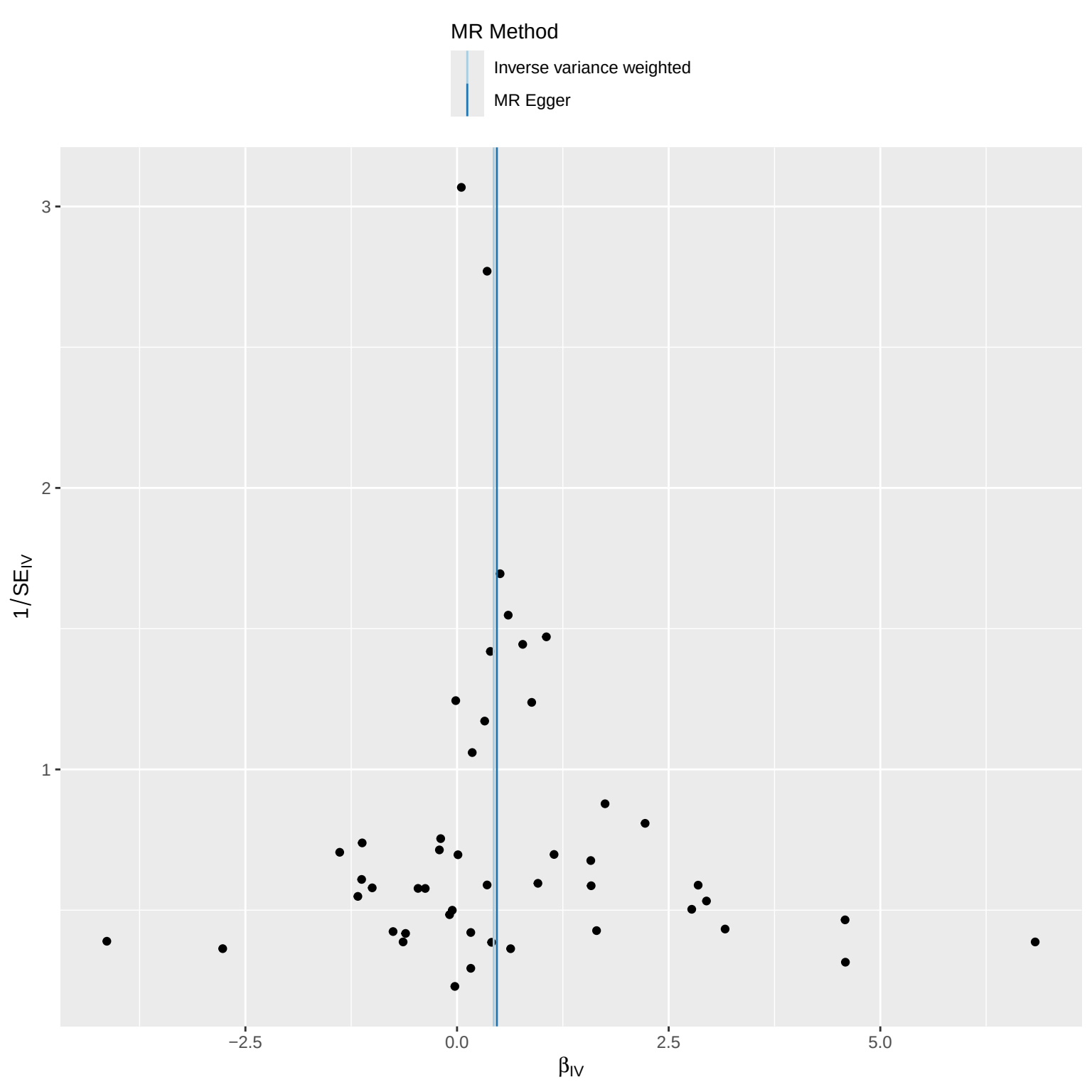

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
4
β_IV

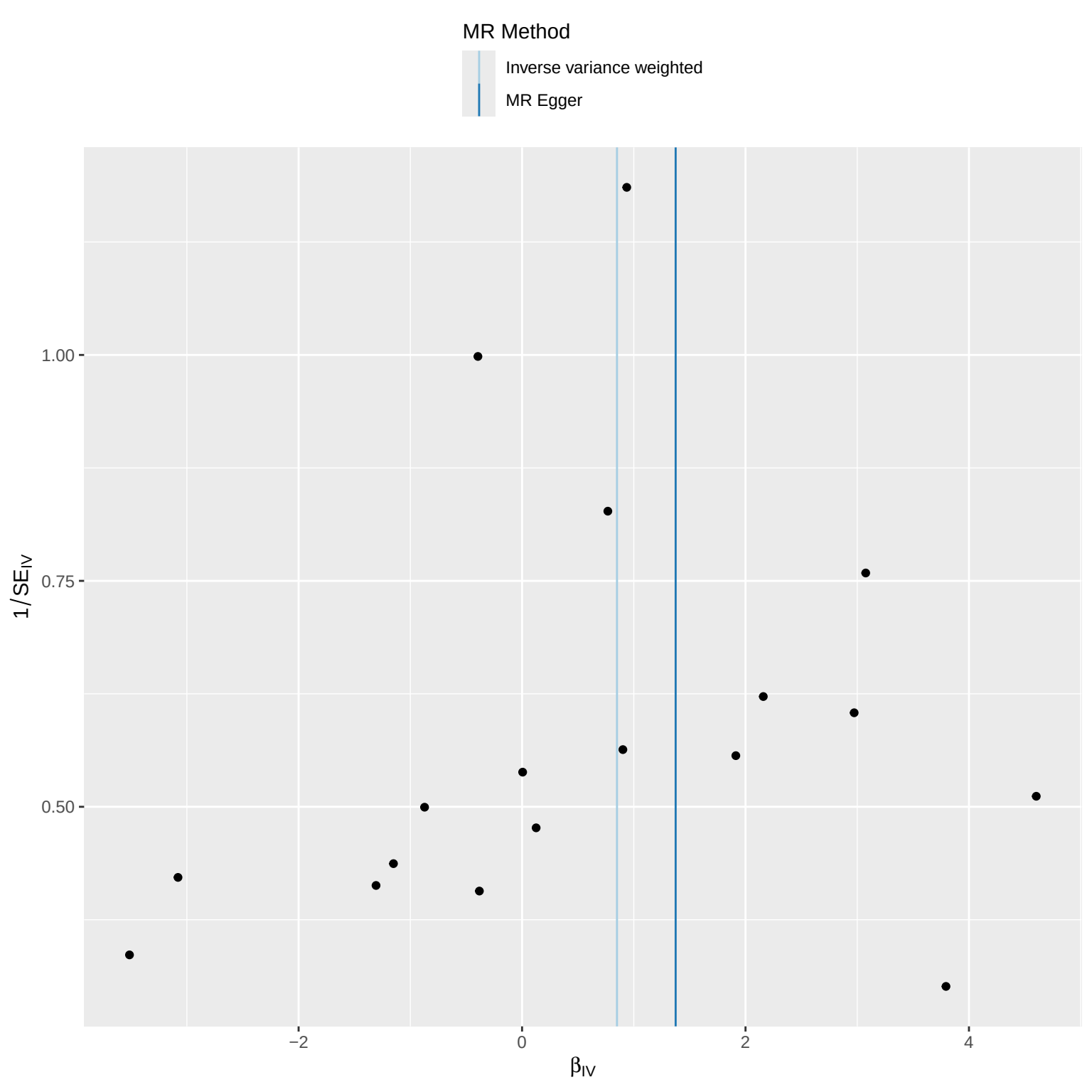

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

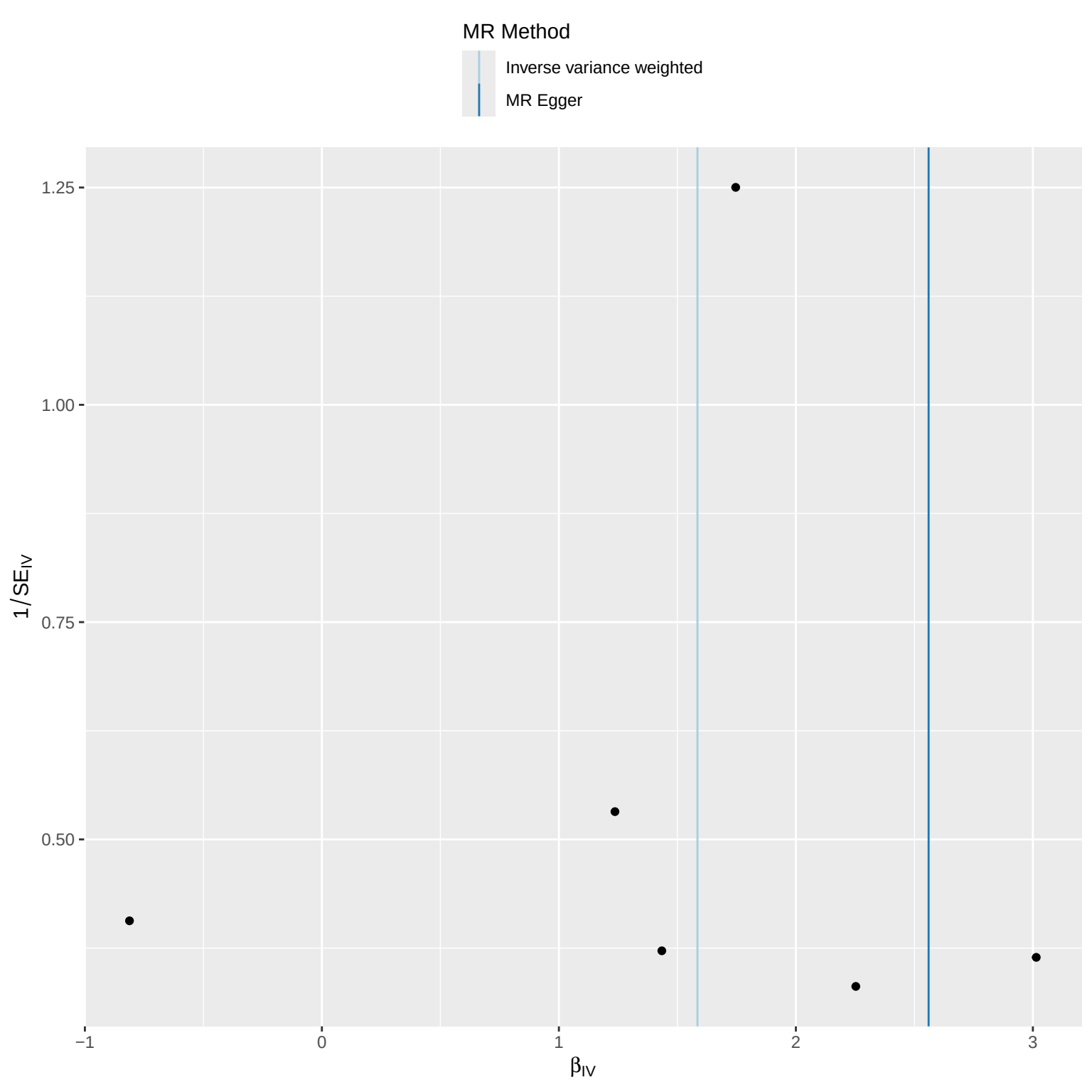

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

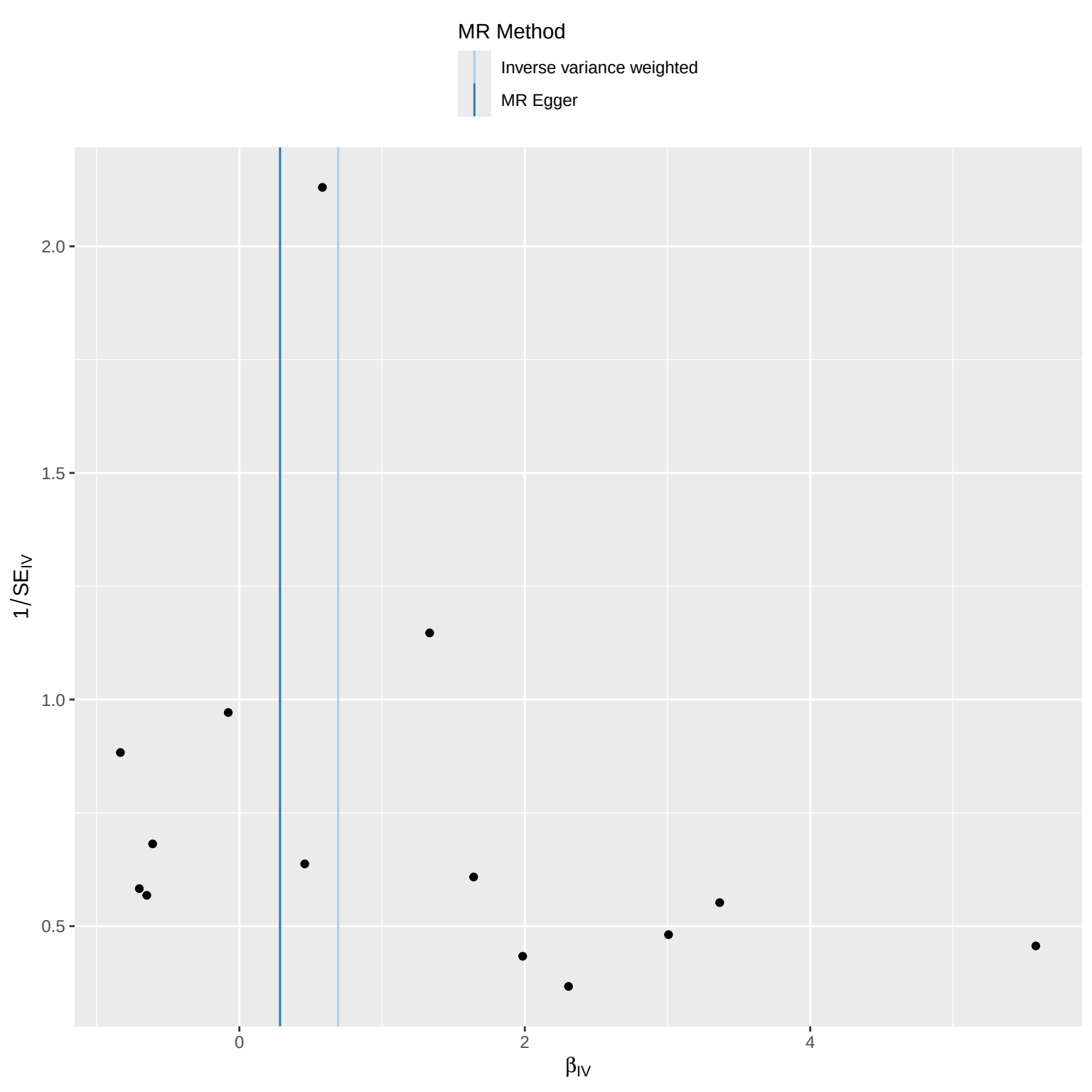

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
−1
0
1
2
3
β_IV

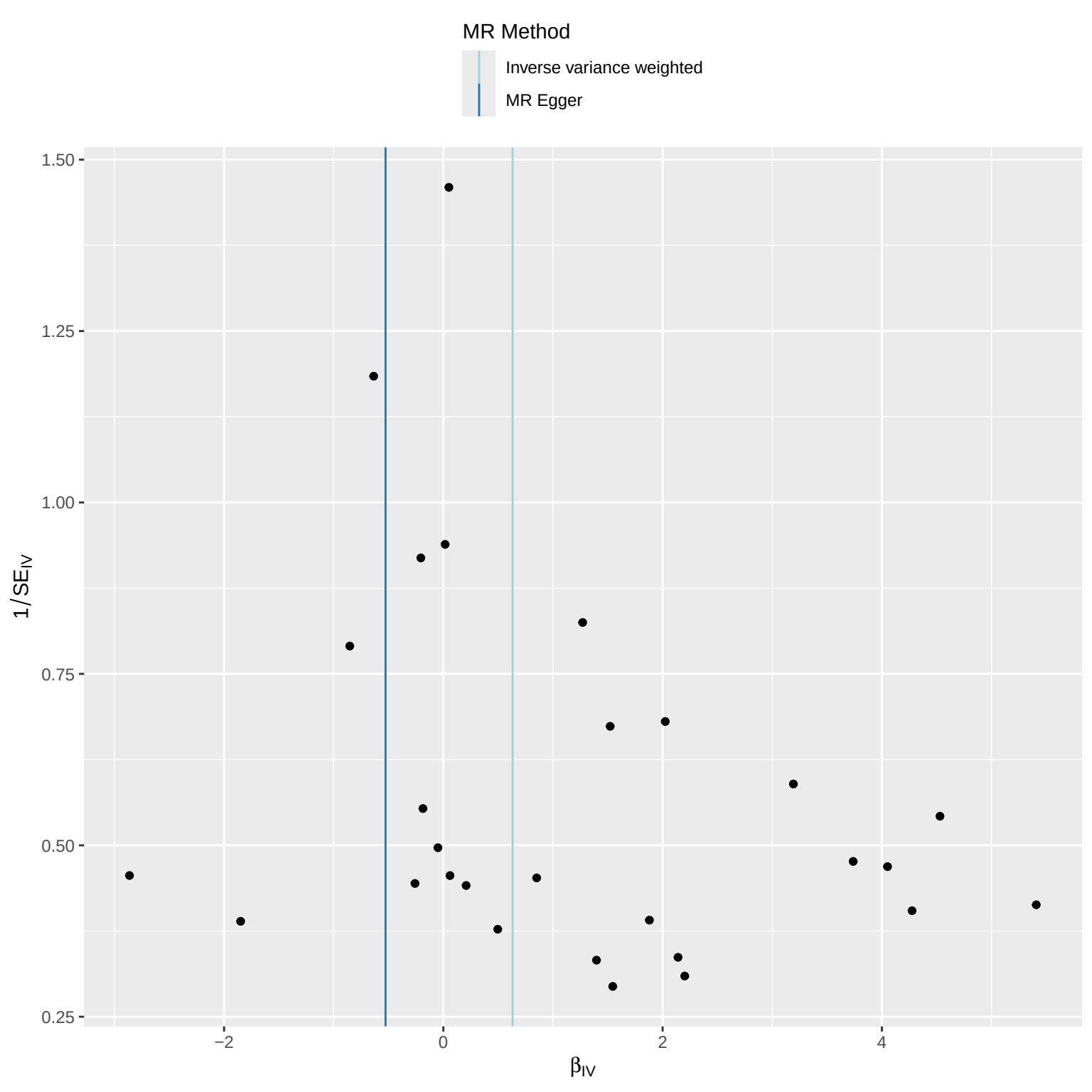

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

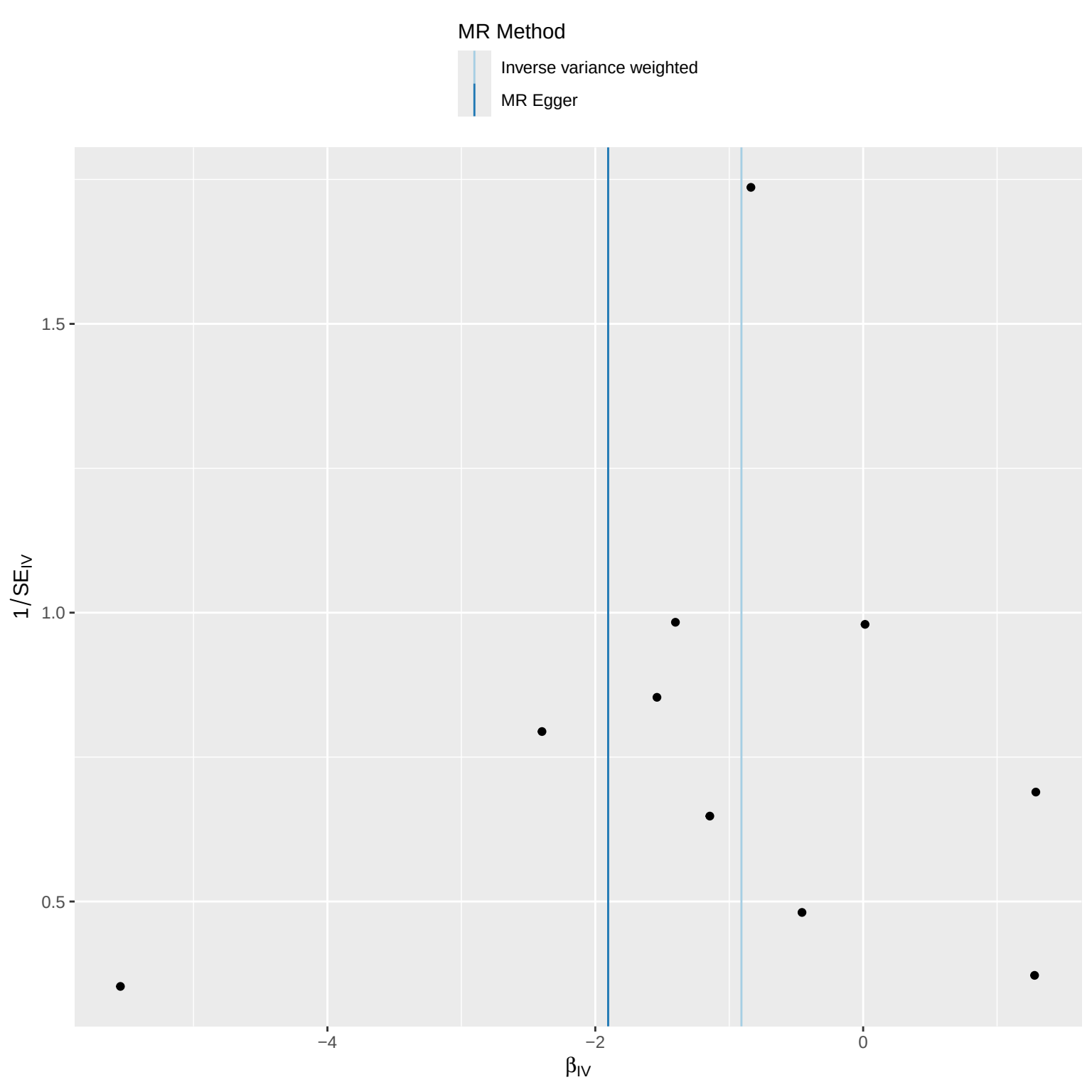

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

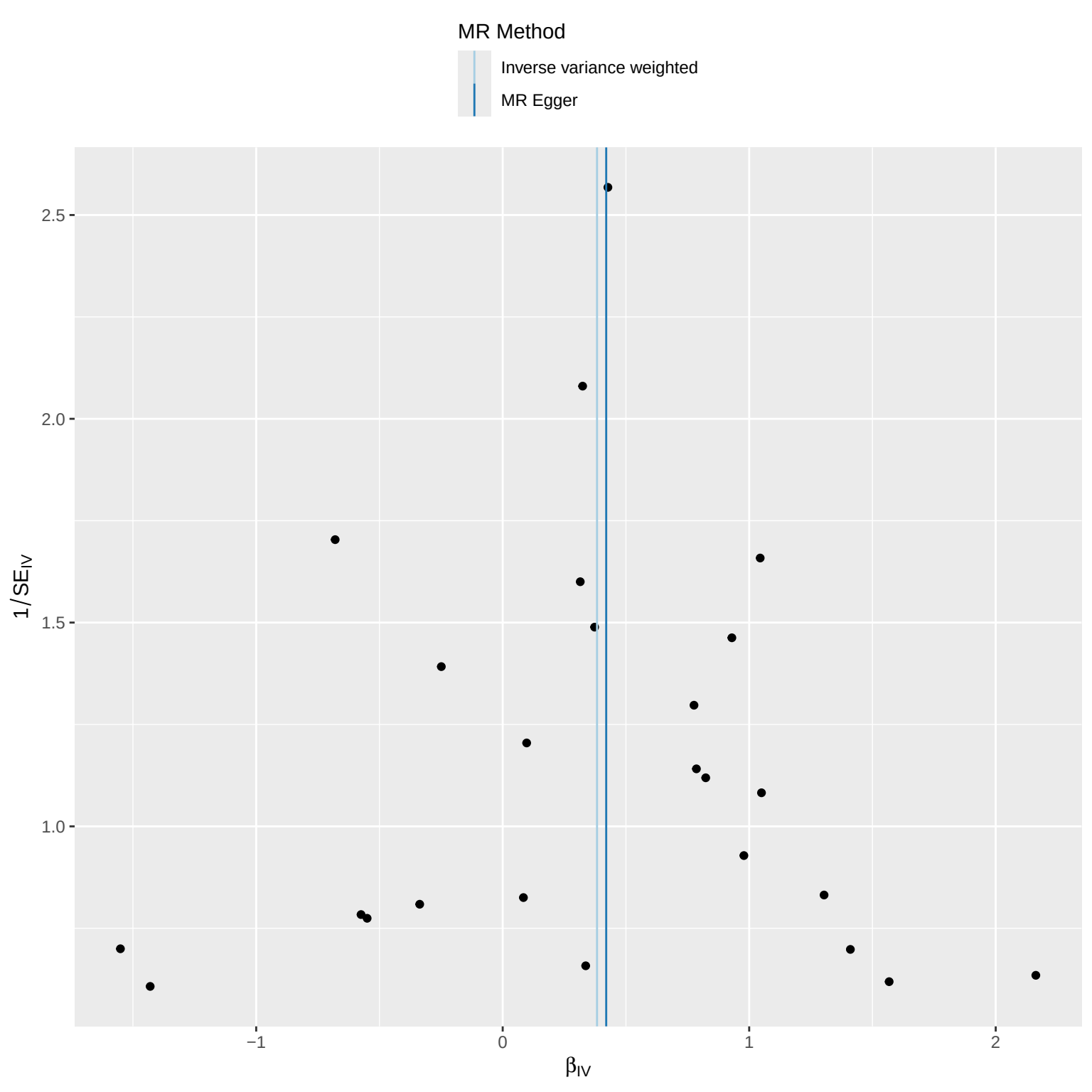

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−2
0
2
4
β_IV

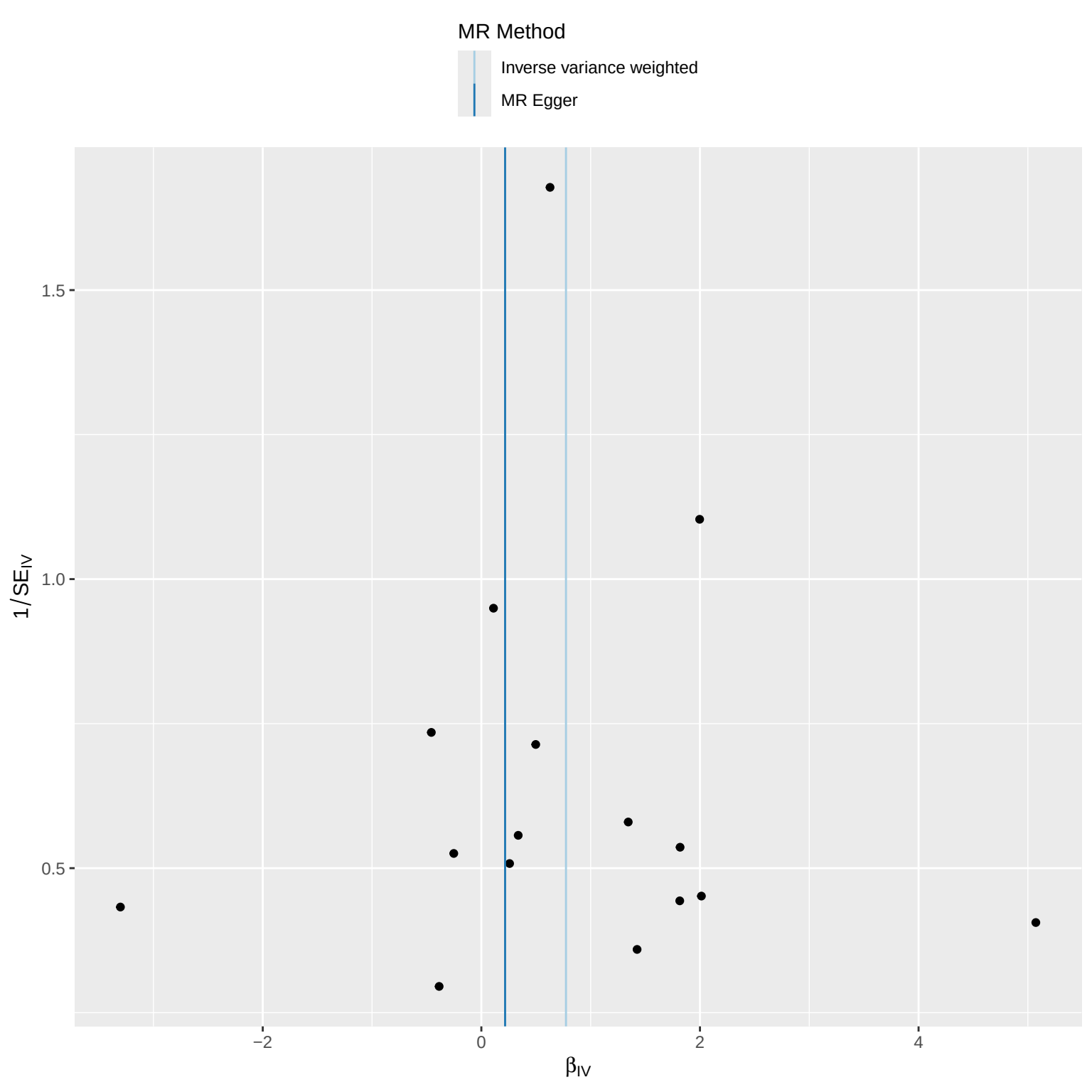

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

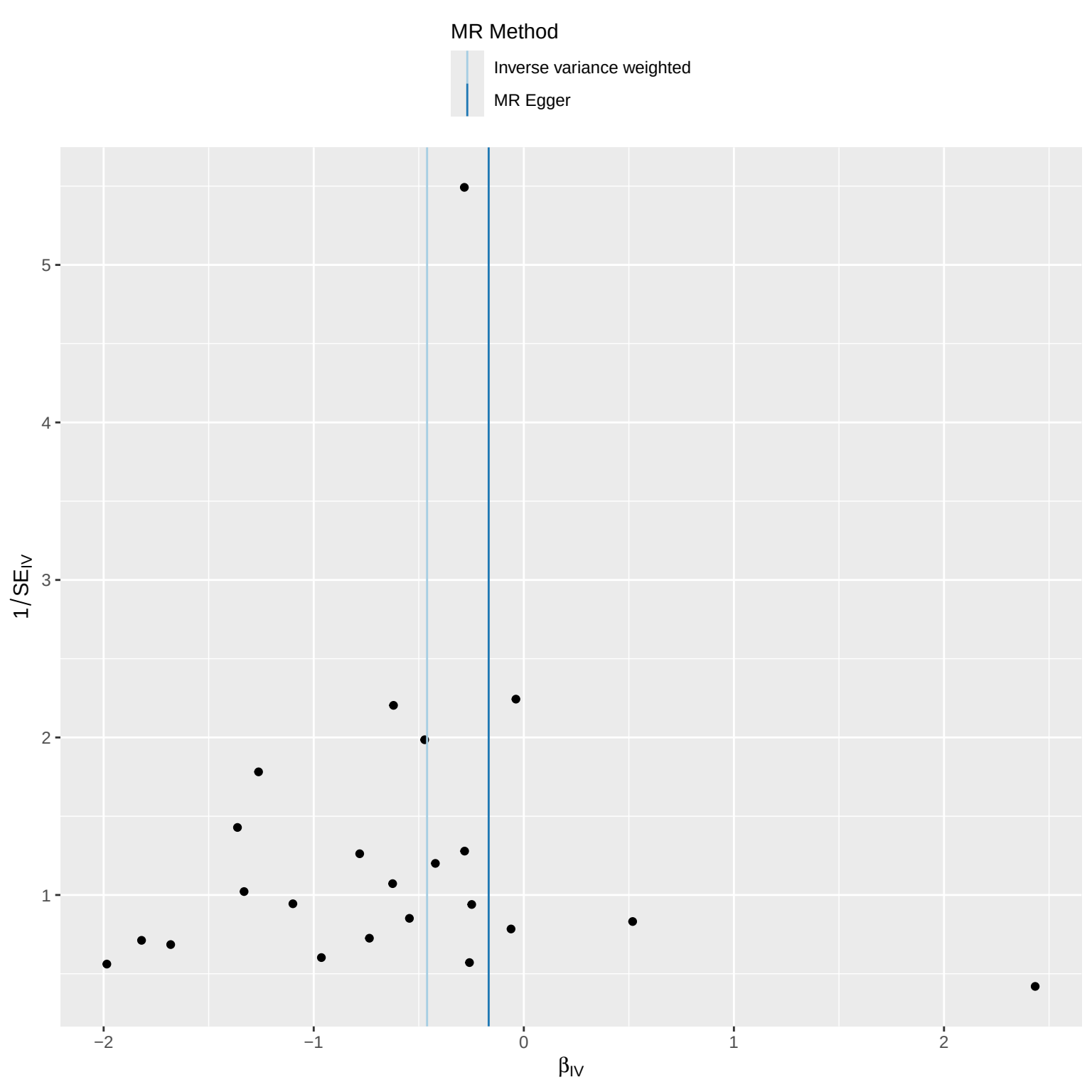

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

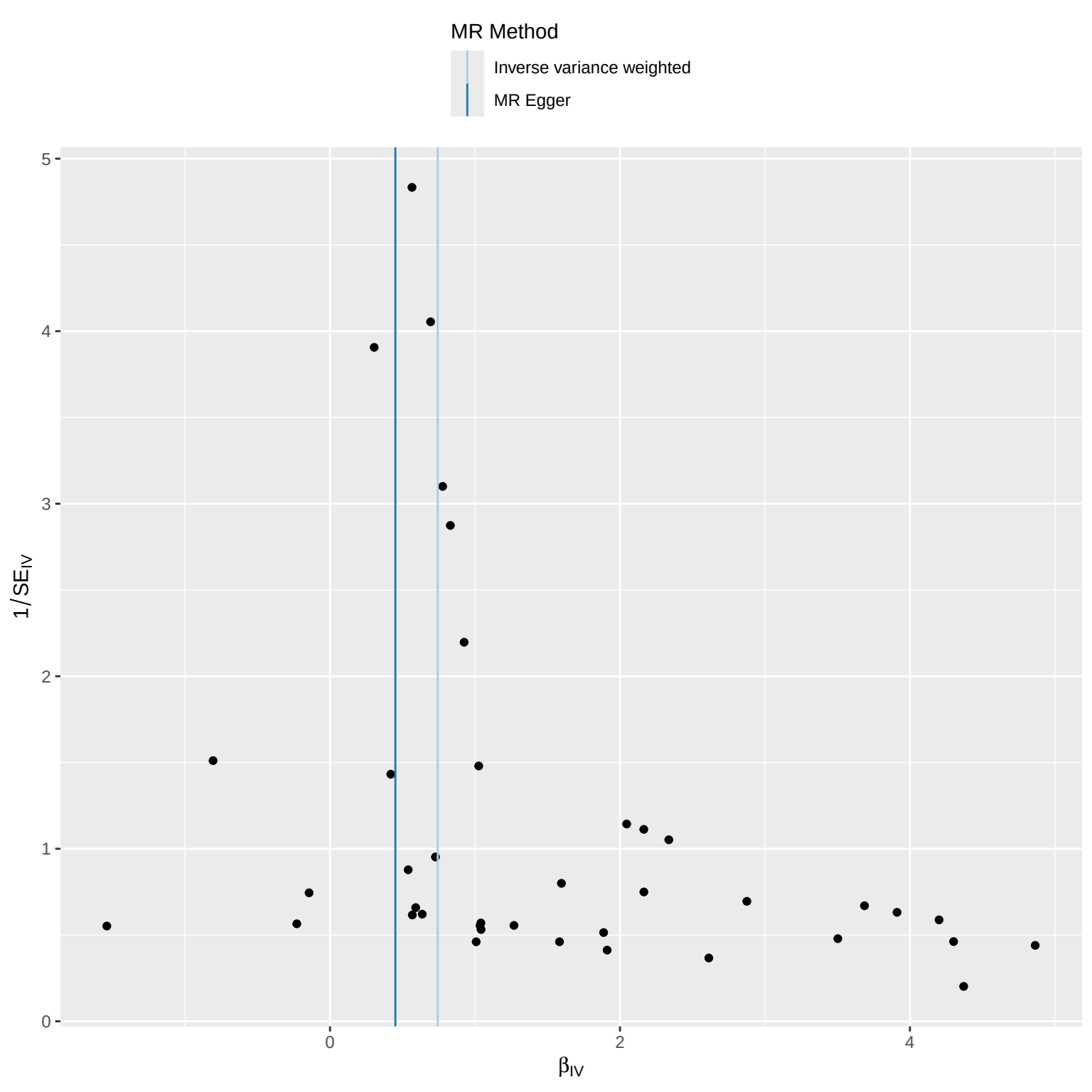

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
0
2
4
β_IV

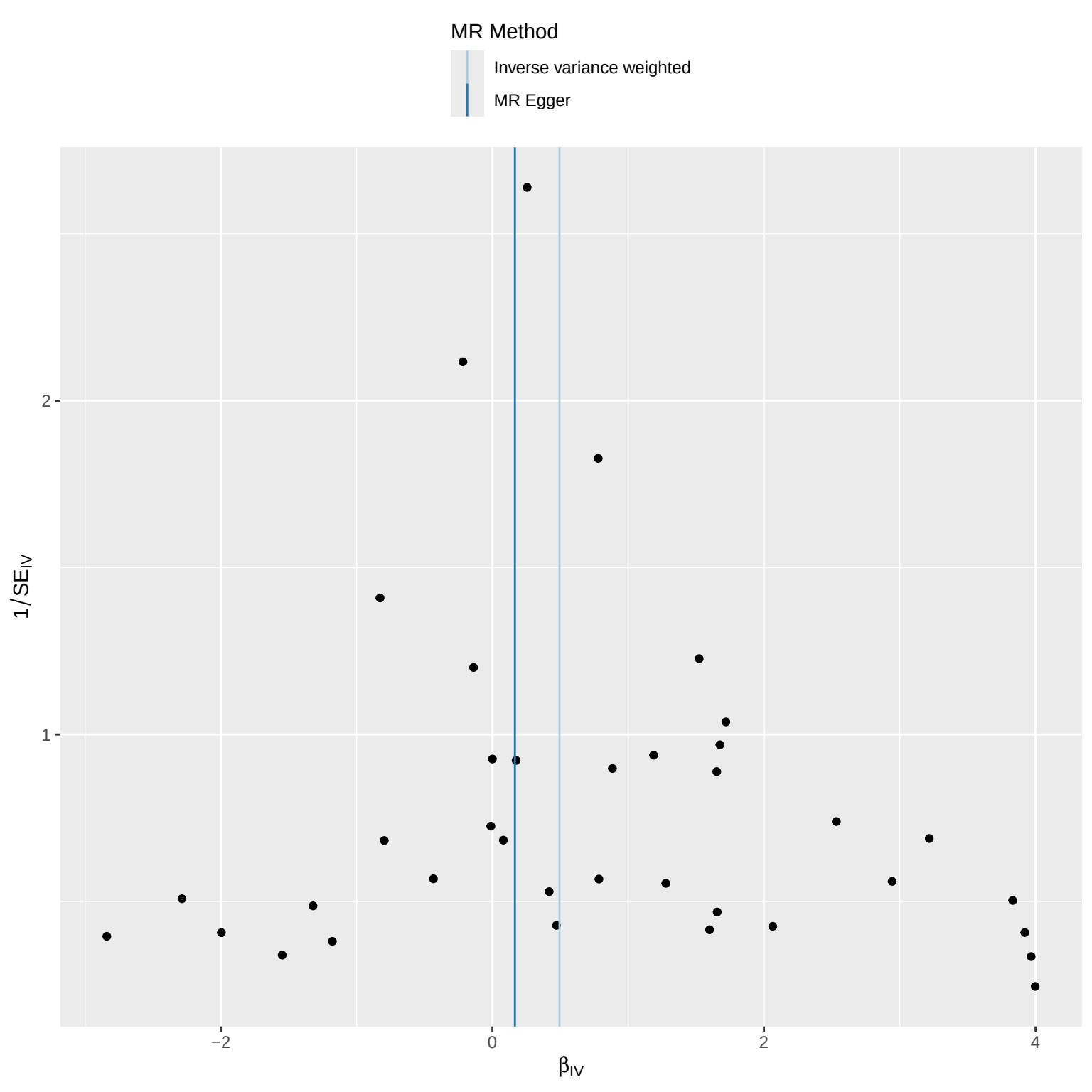

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

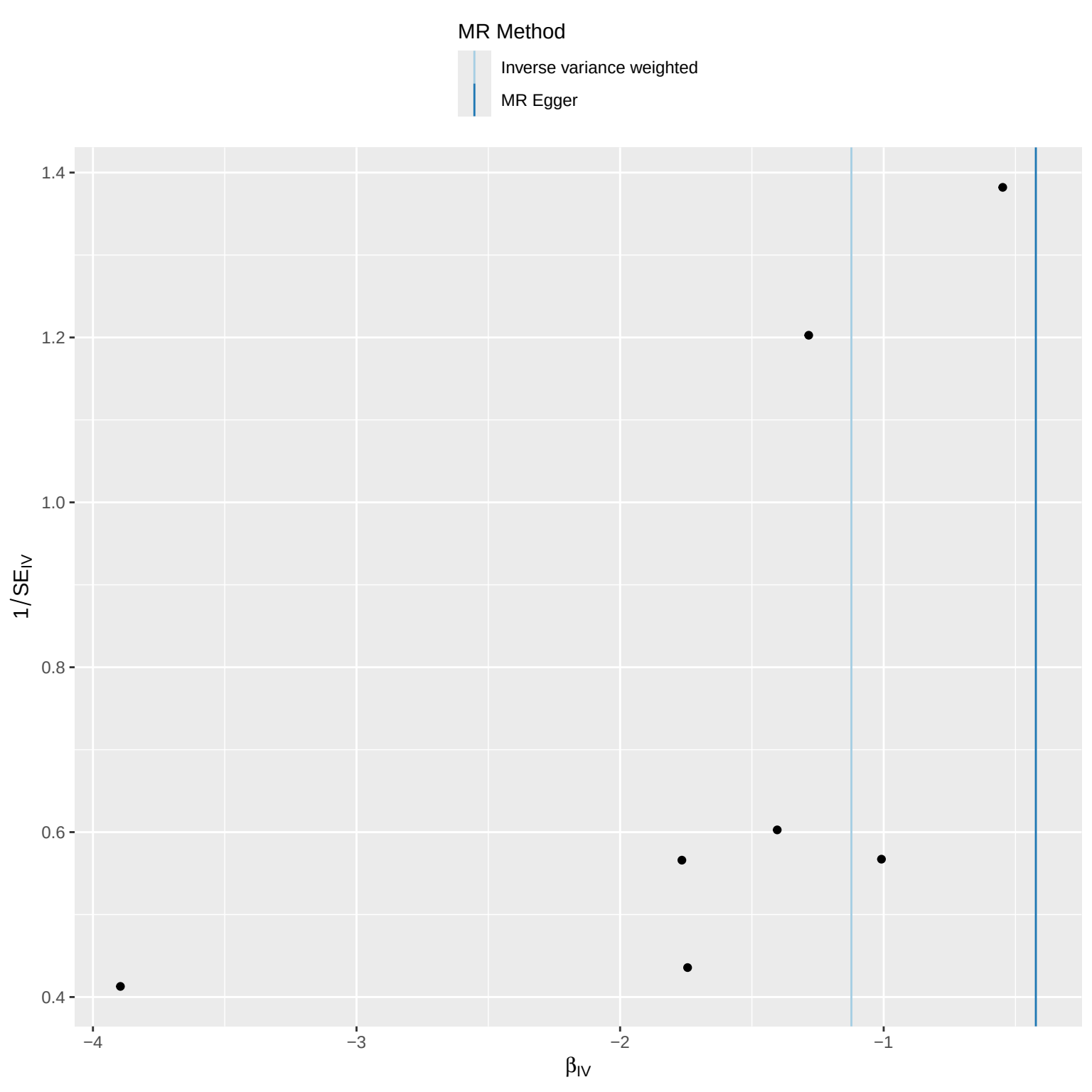

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

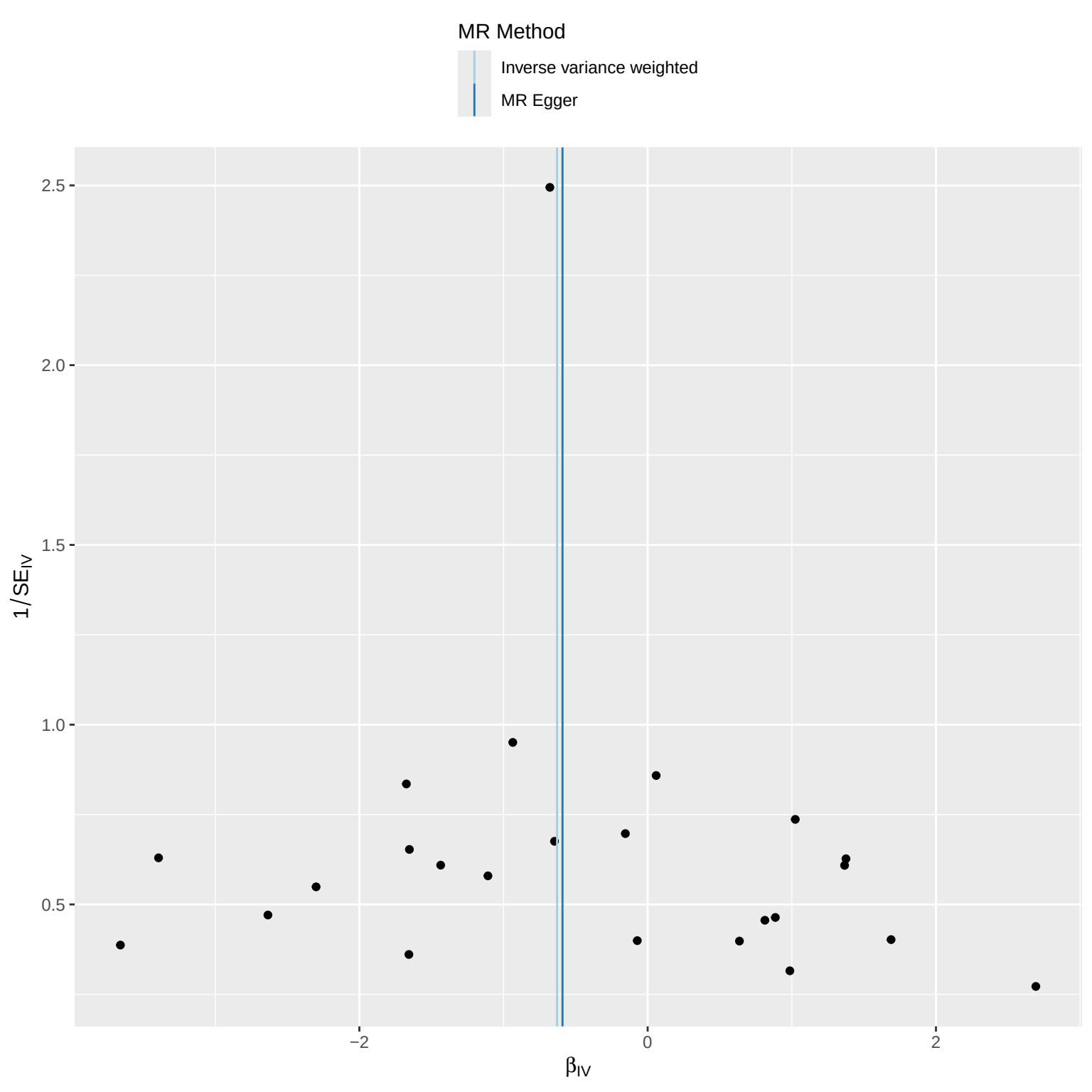

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

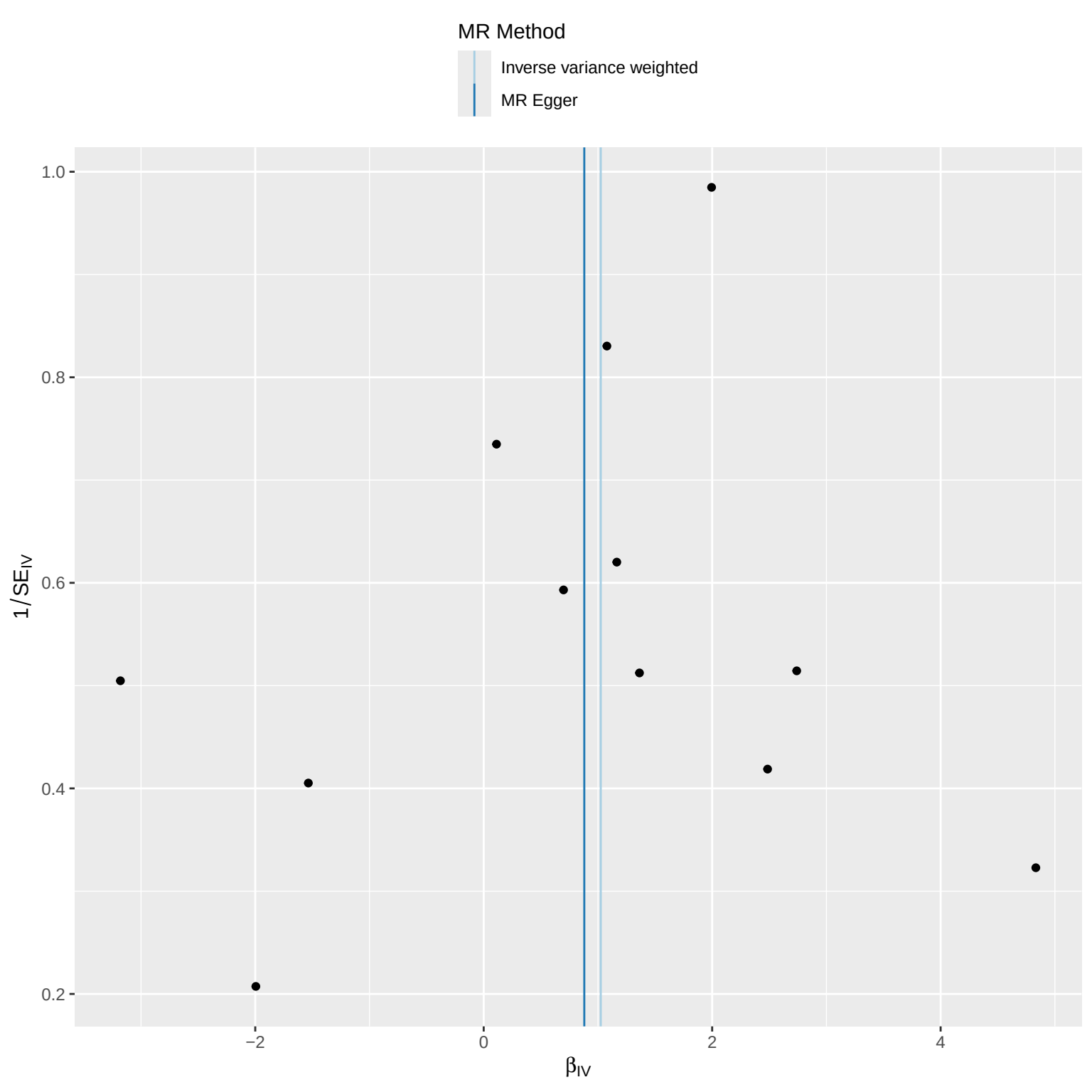

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

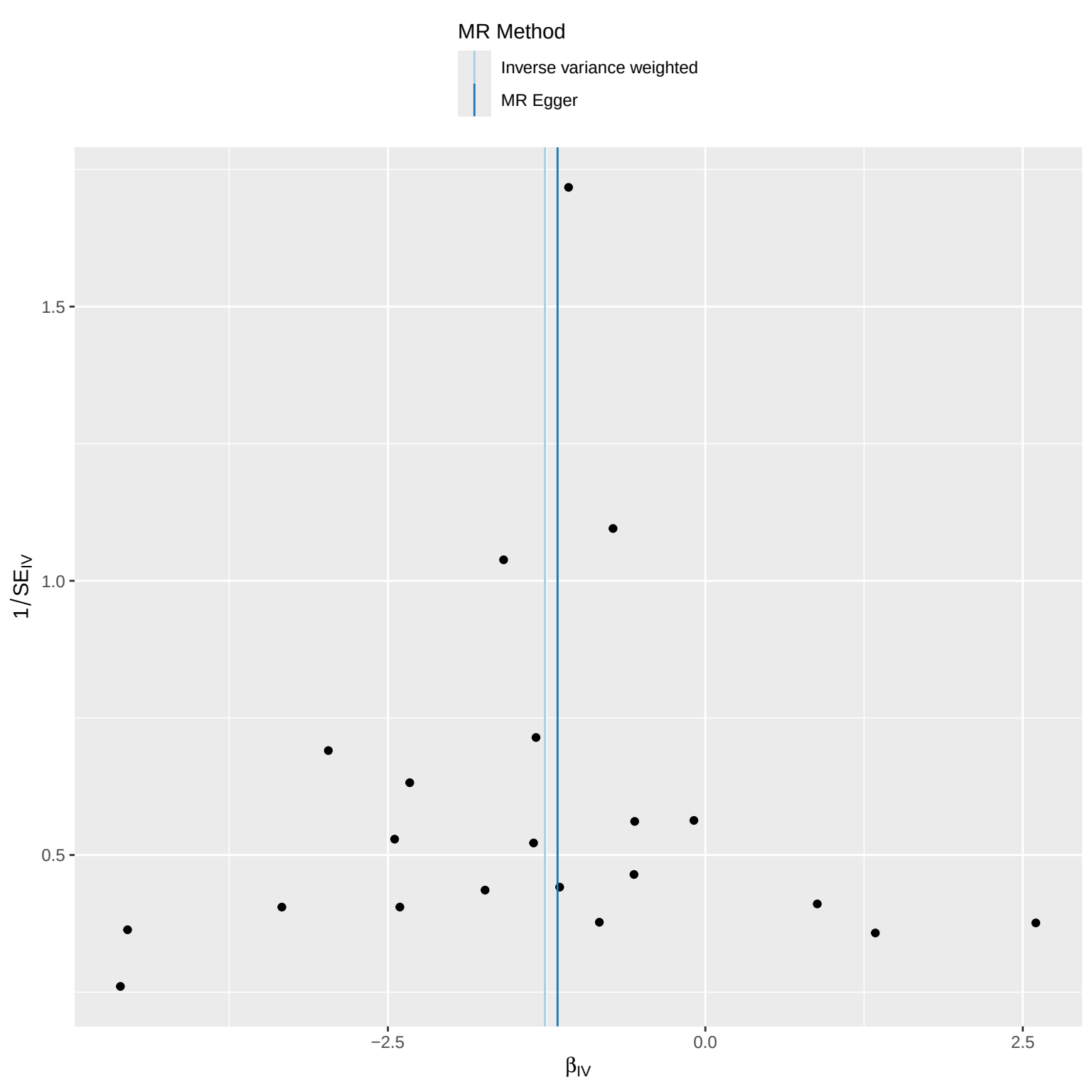

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
0
2
4
β_IV

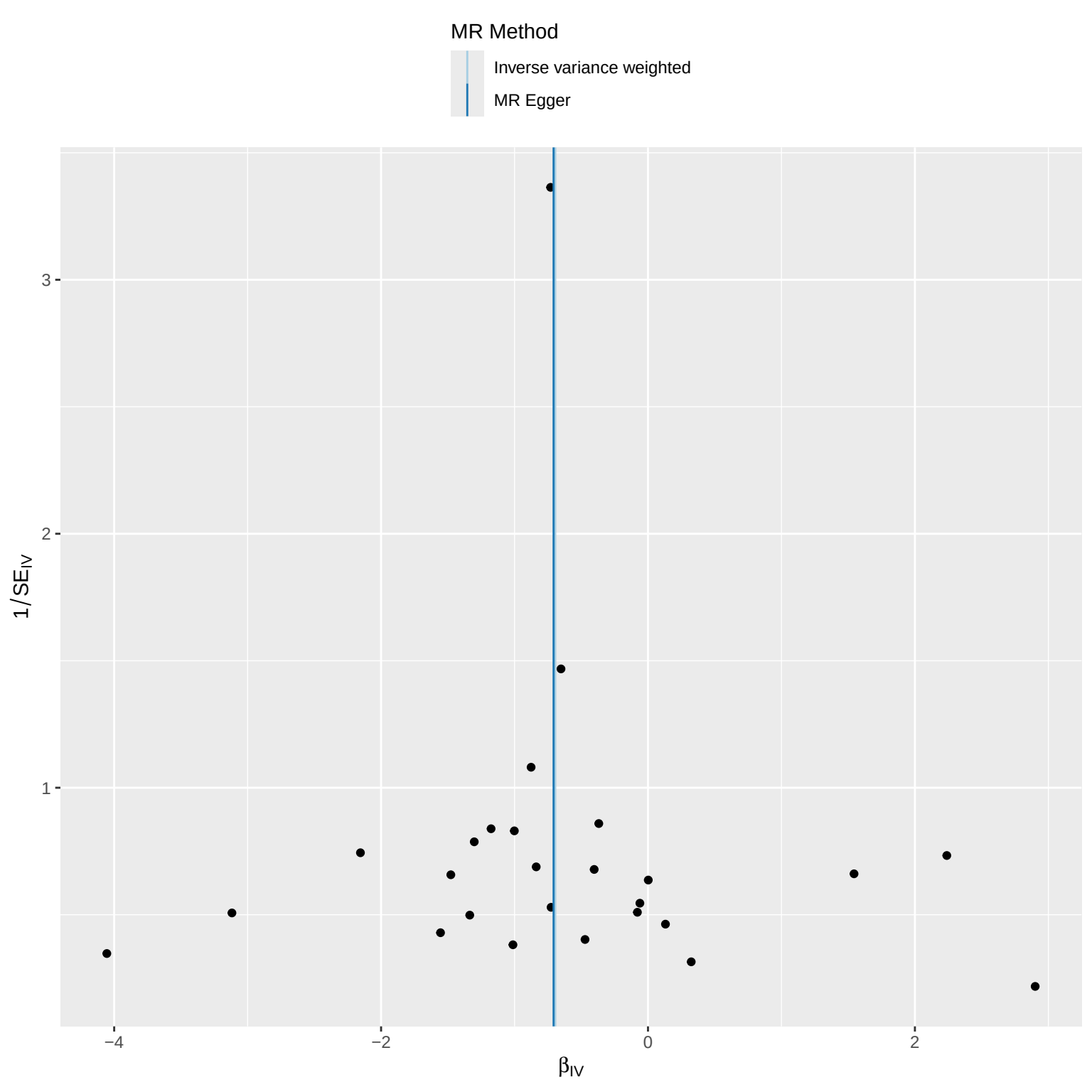

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

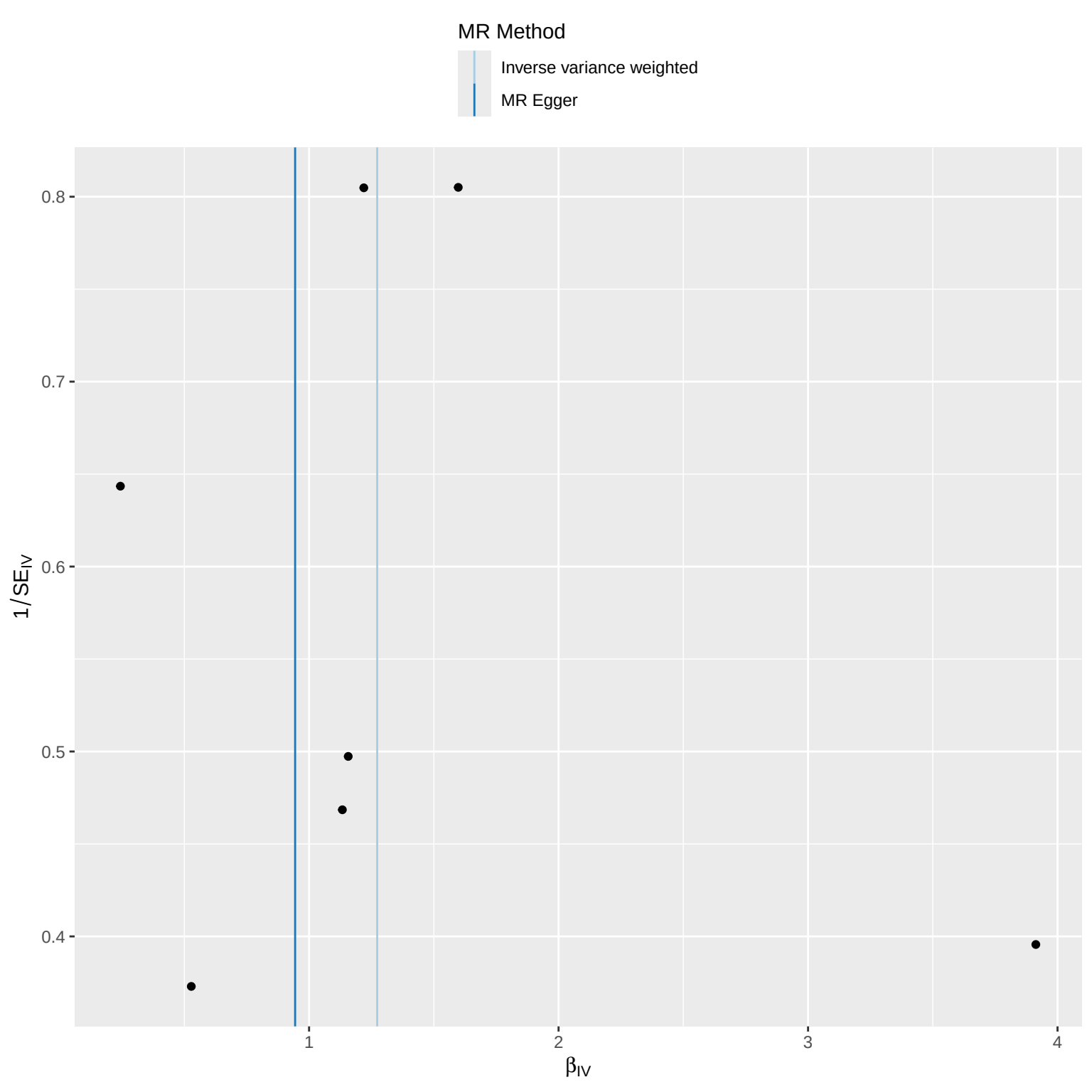

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
β_IV

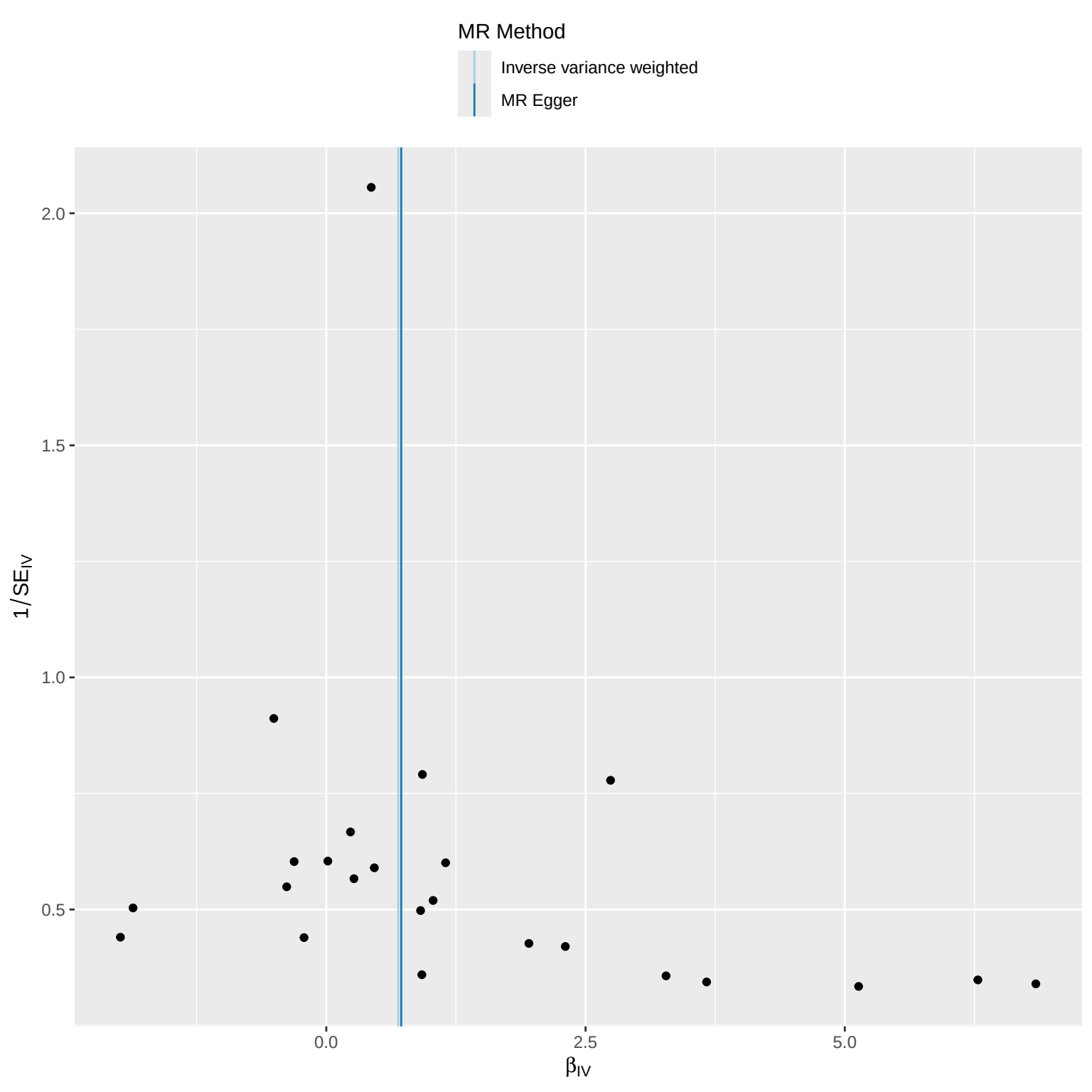

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

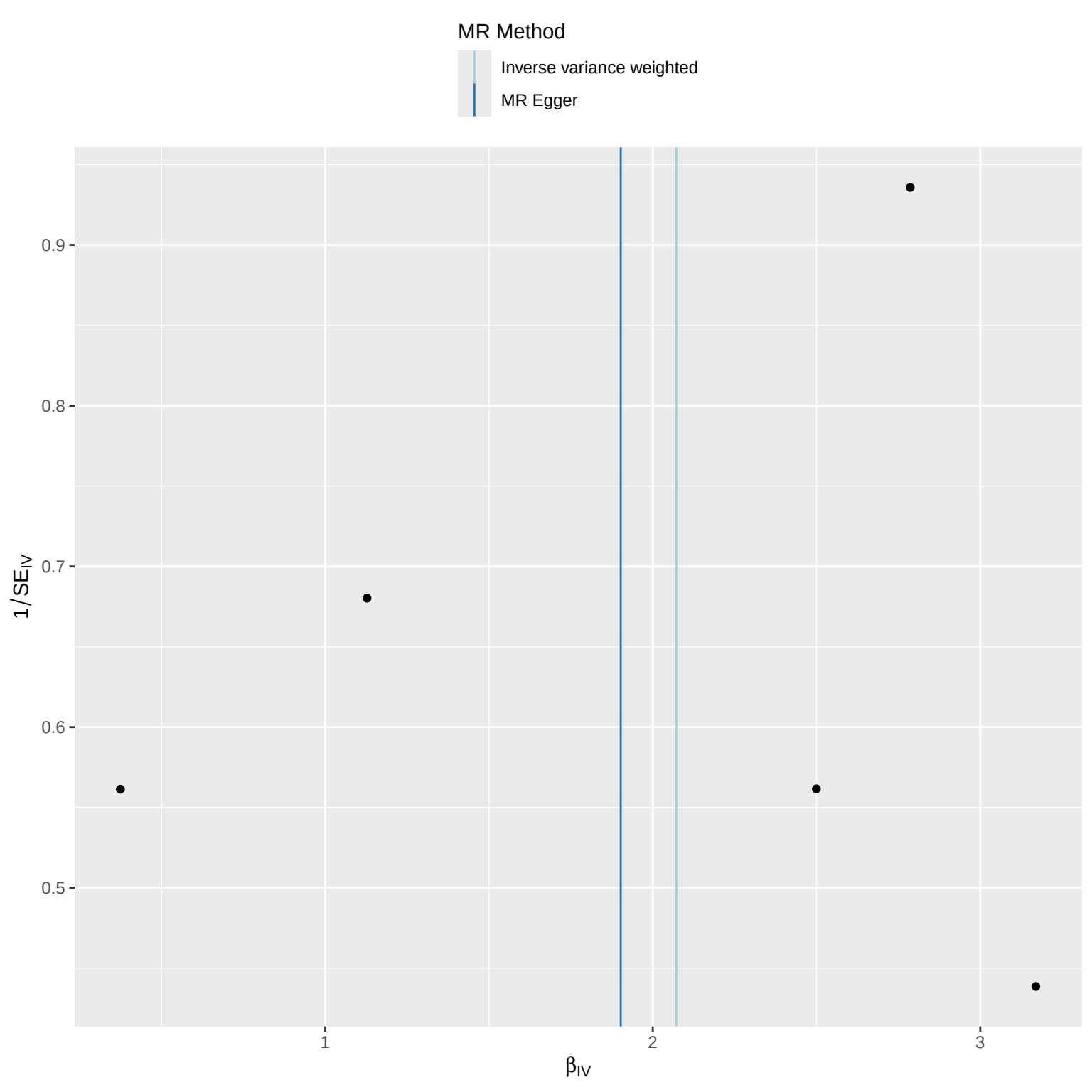

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
0.2
1/SE_IV
−2
0
2
4
β_IV

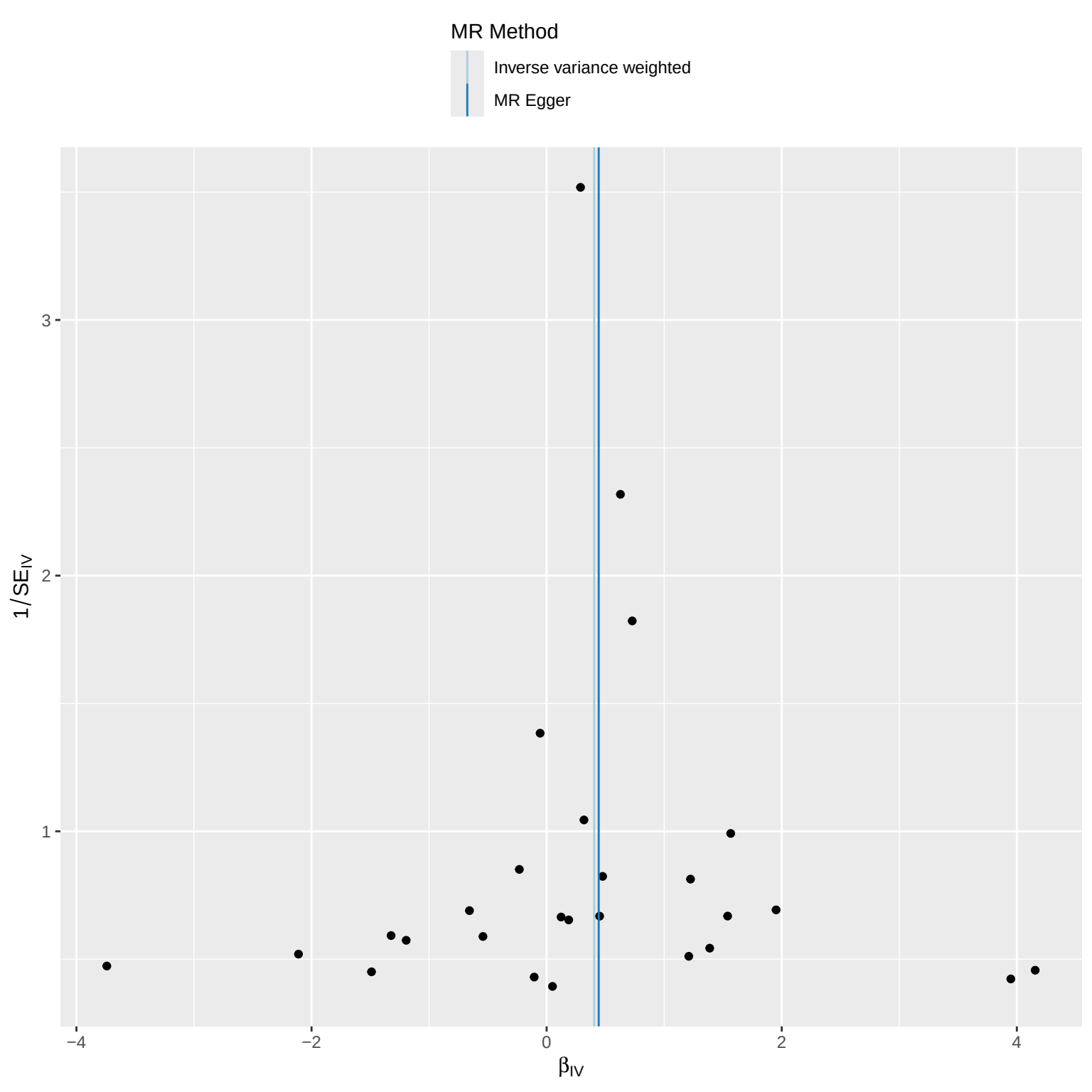

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

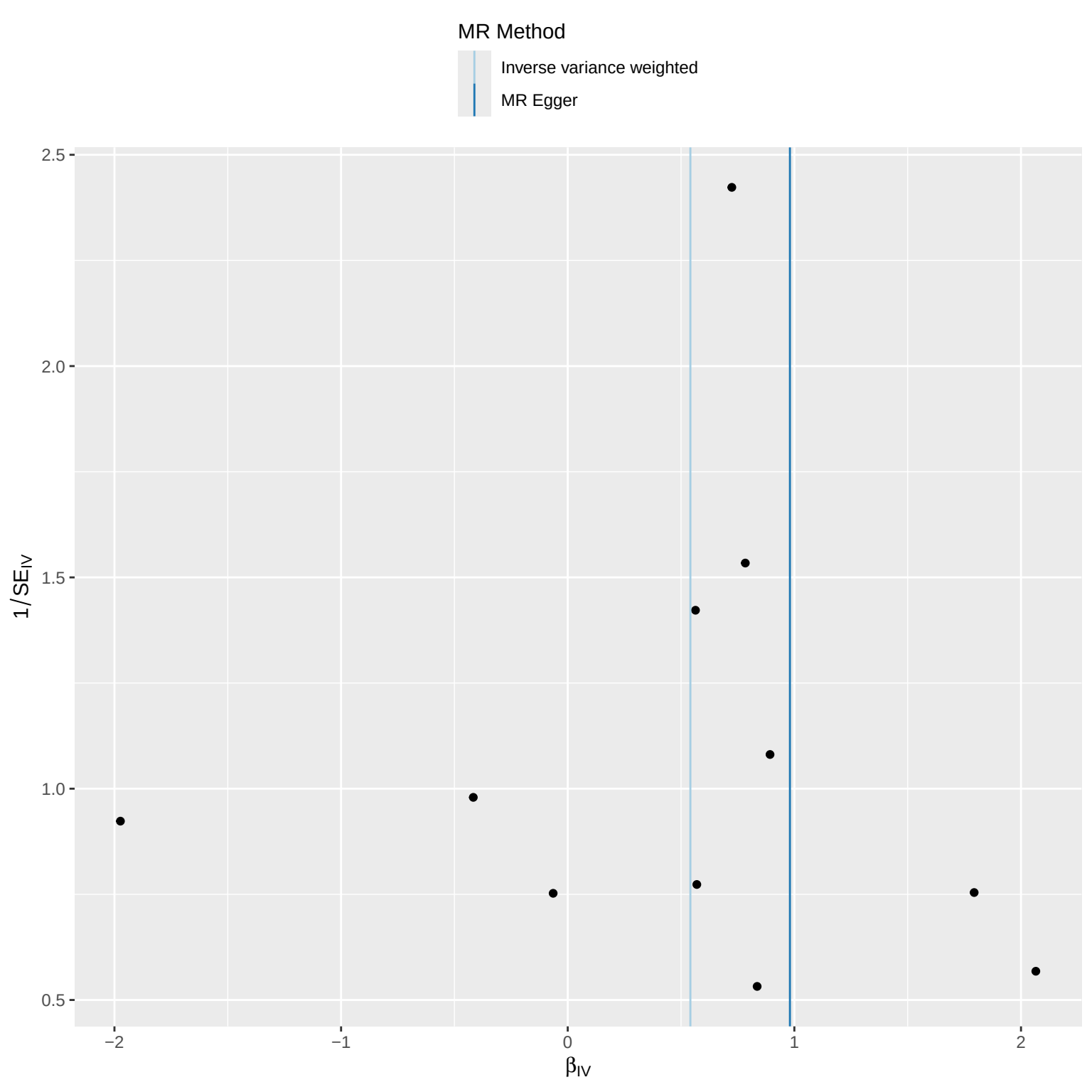

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

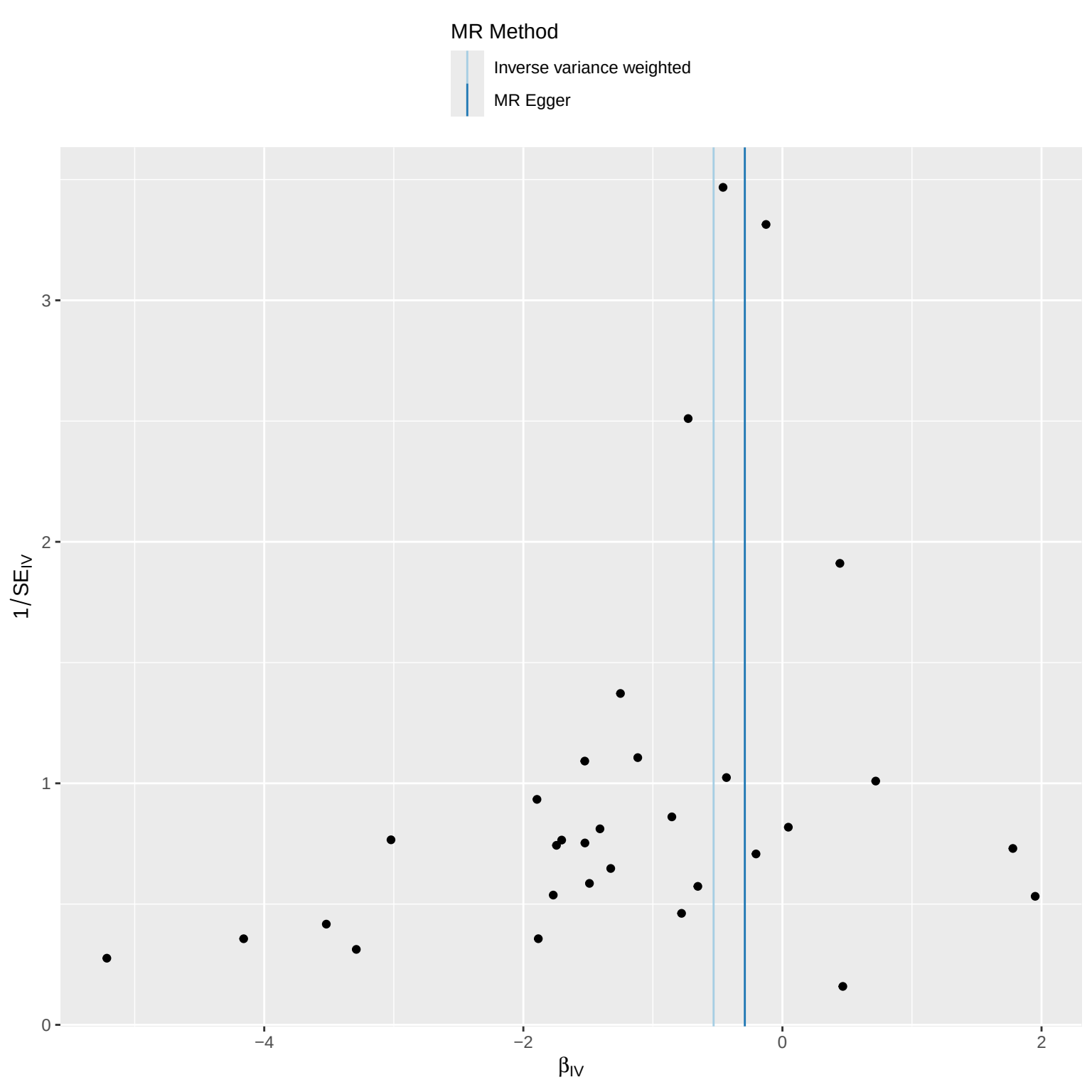

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
1
2
3
4
β_IV

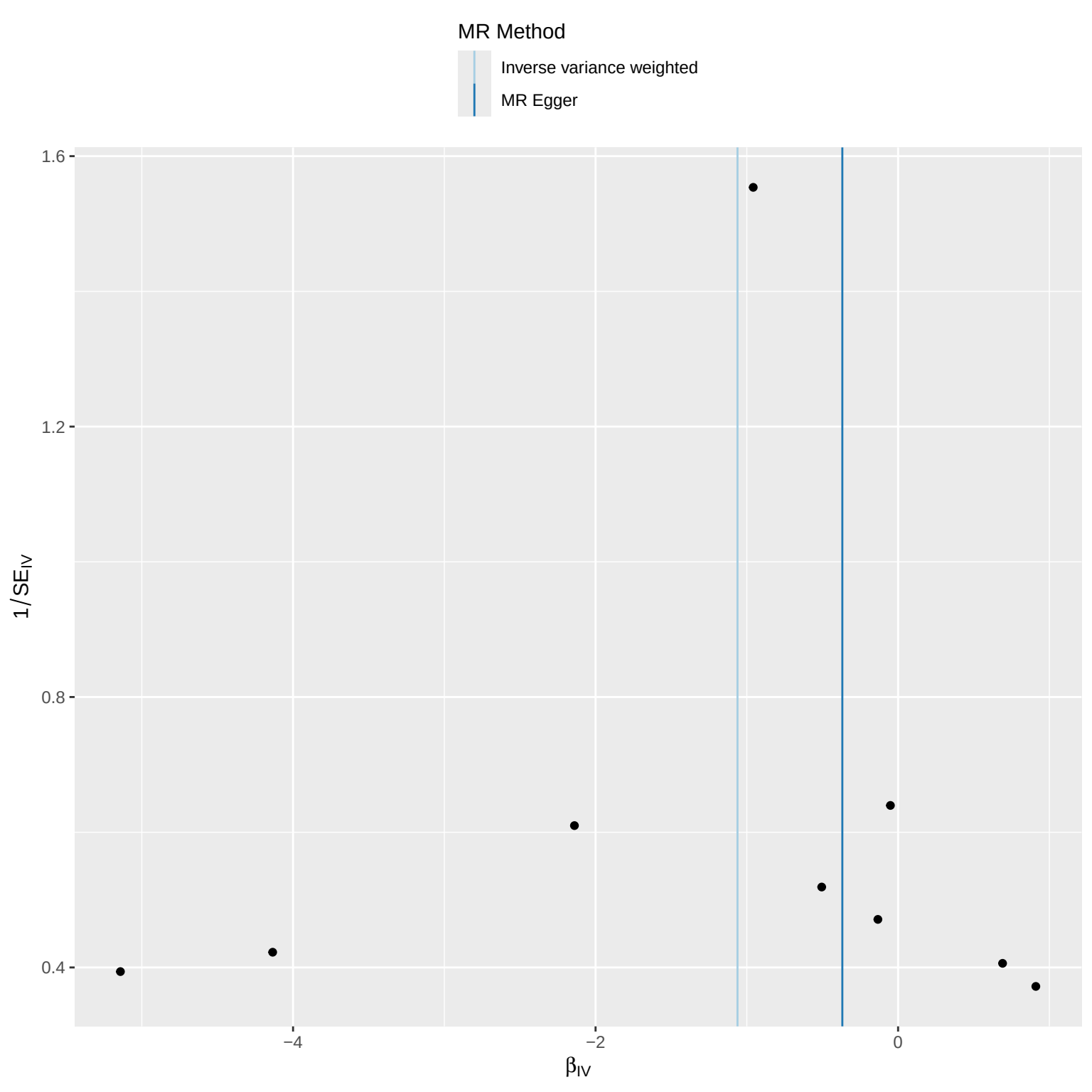

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0.0
2.5
5.0
β_IV

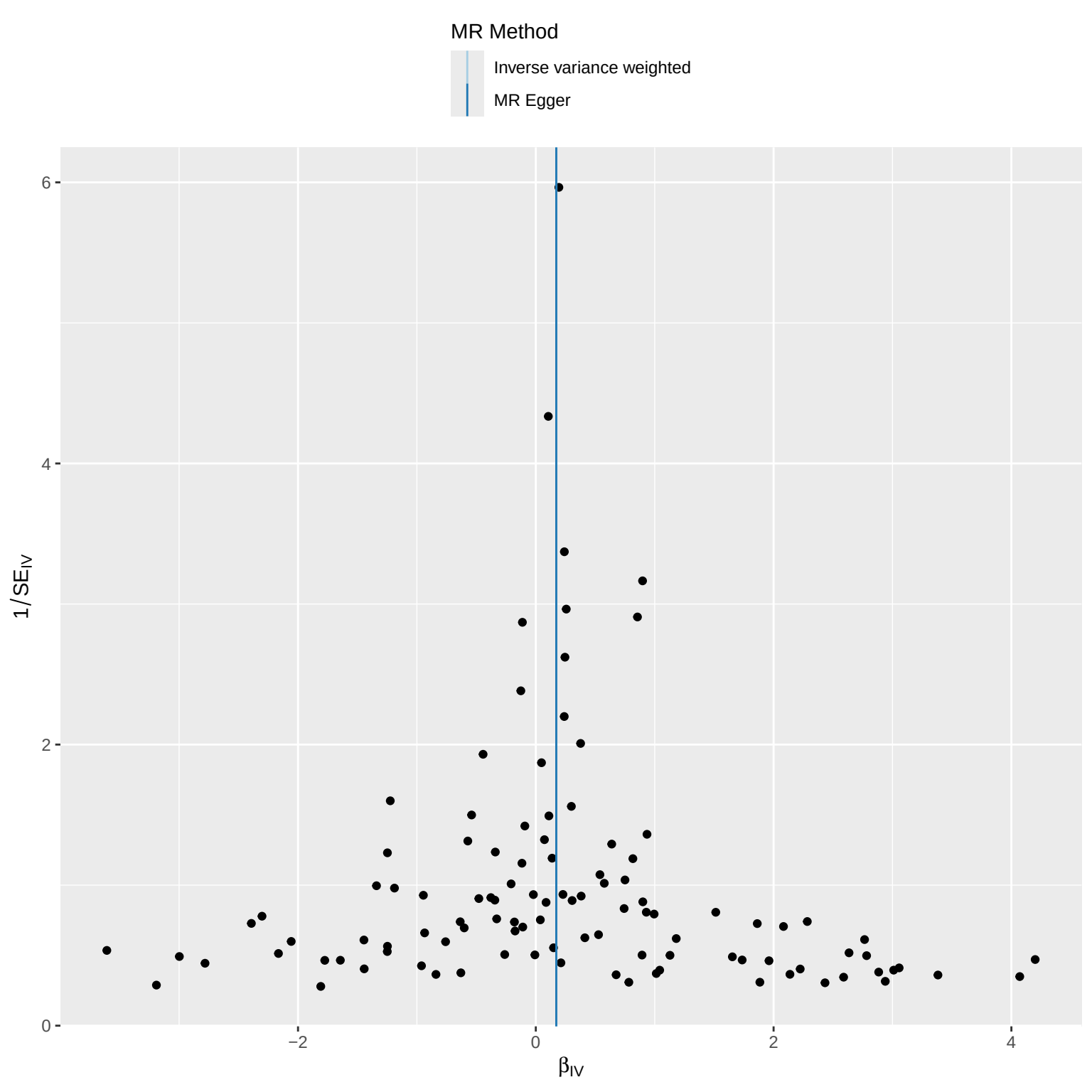

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
1
2
3
β_IV

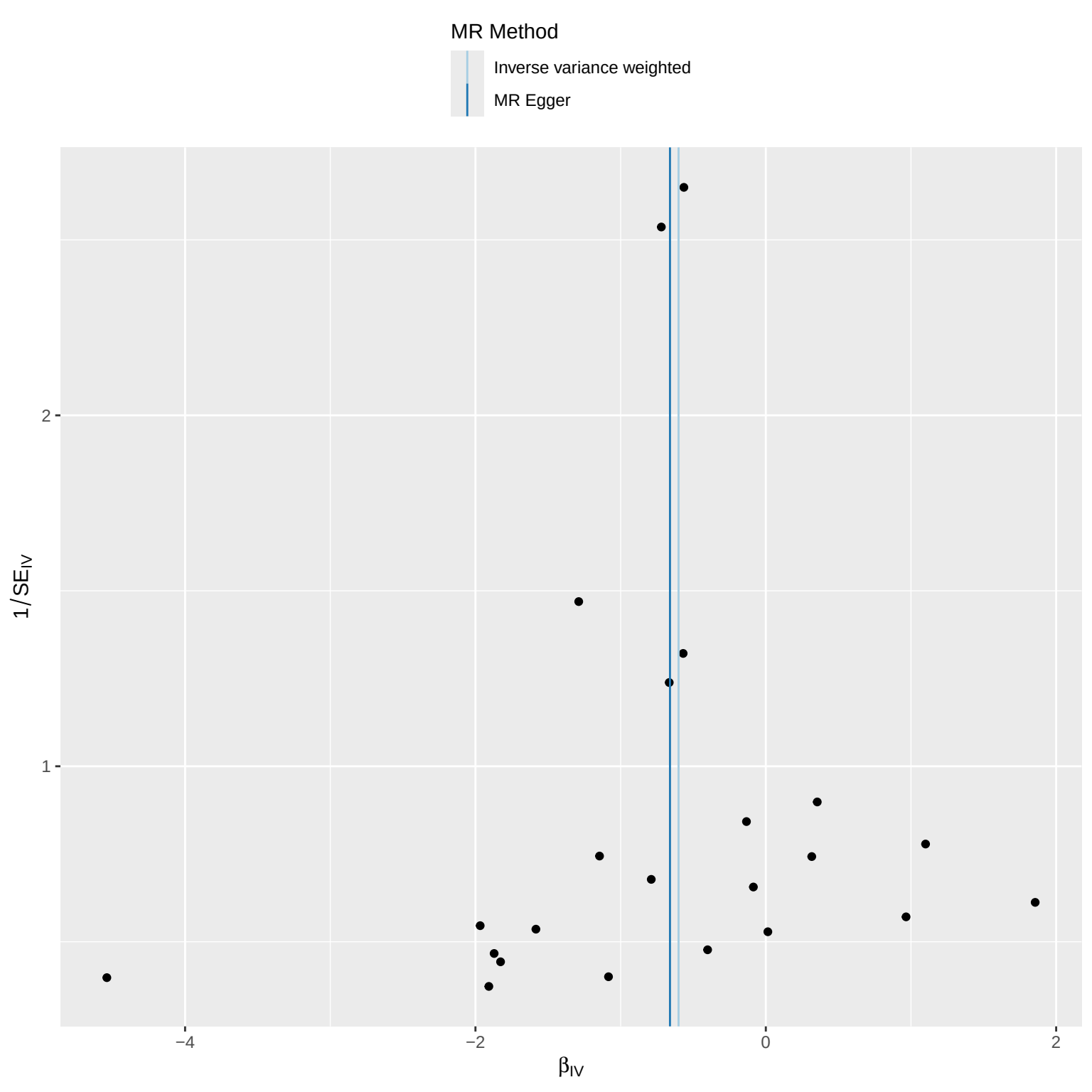

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

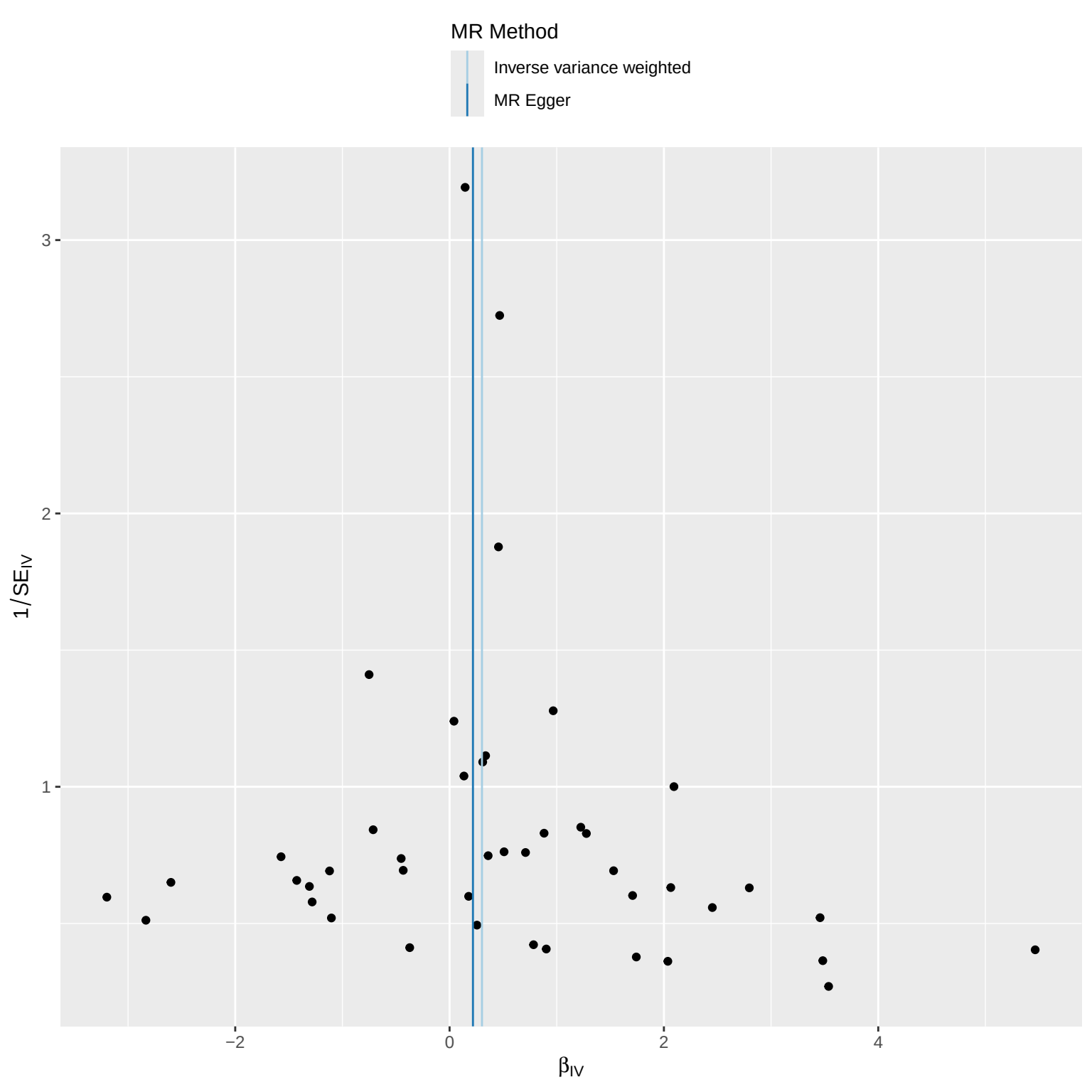

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

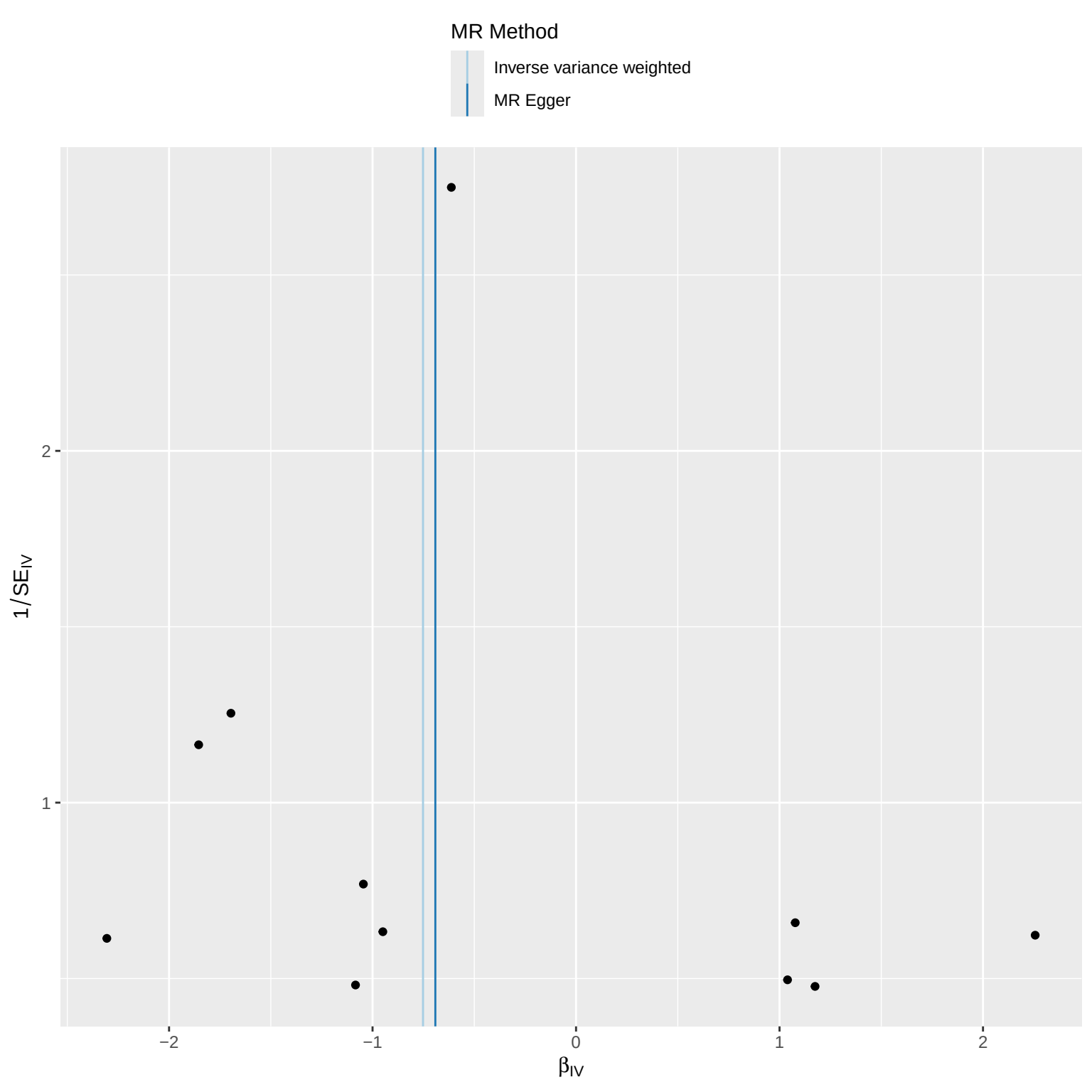

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−4
−2
0
2
β_IV

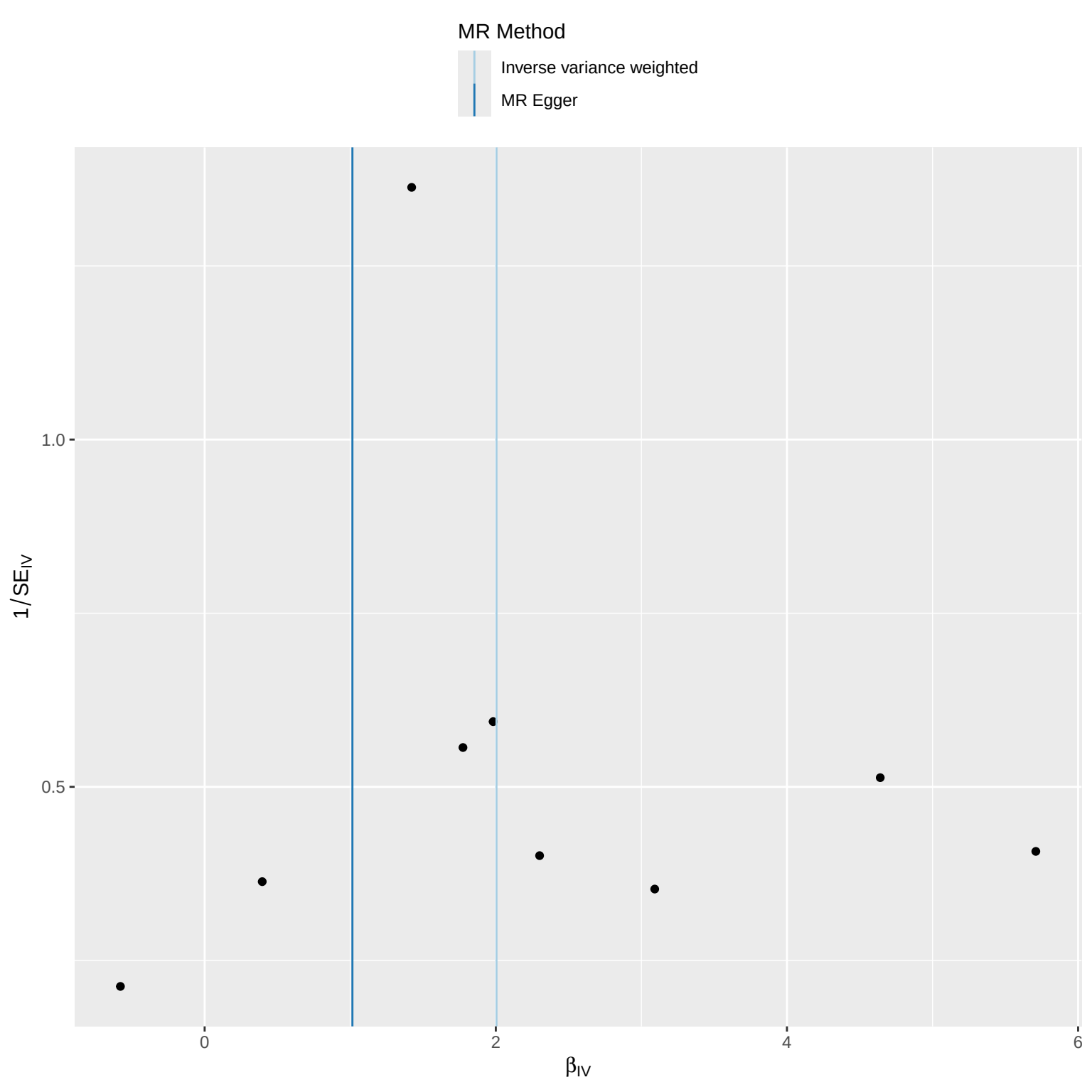

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
β_IV

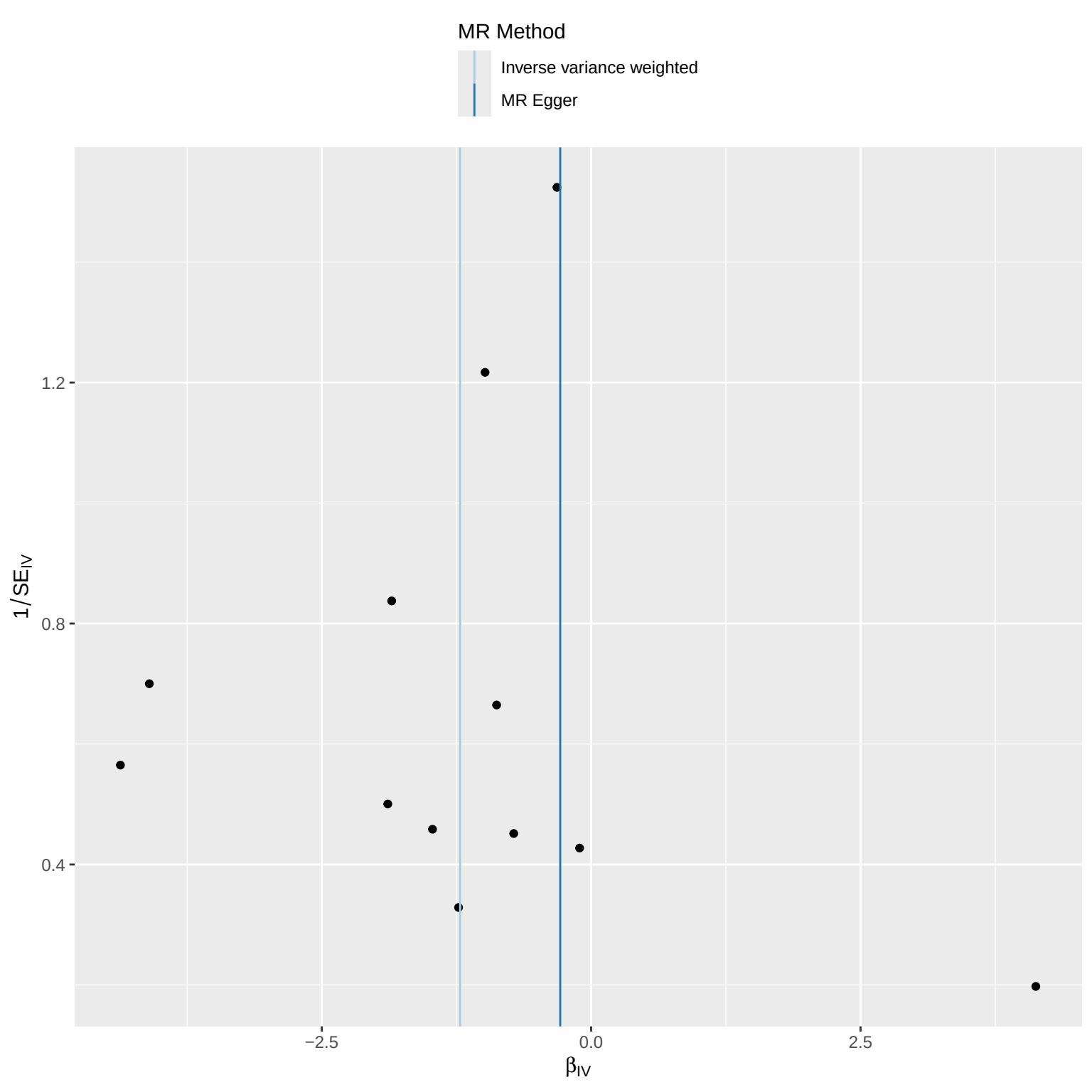

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2
0
2
4
β_IV

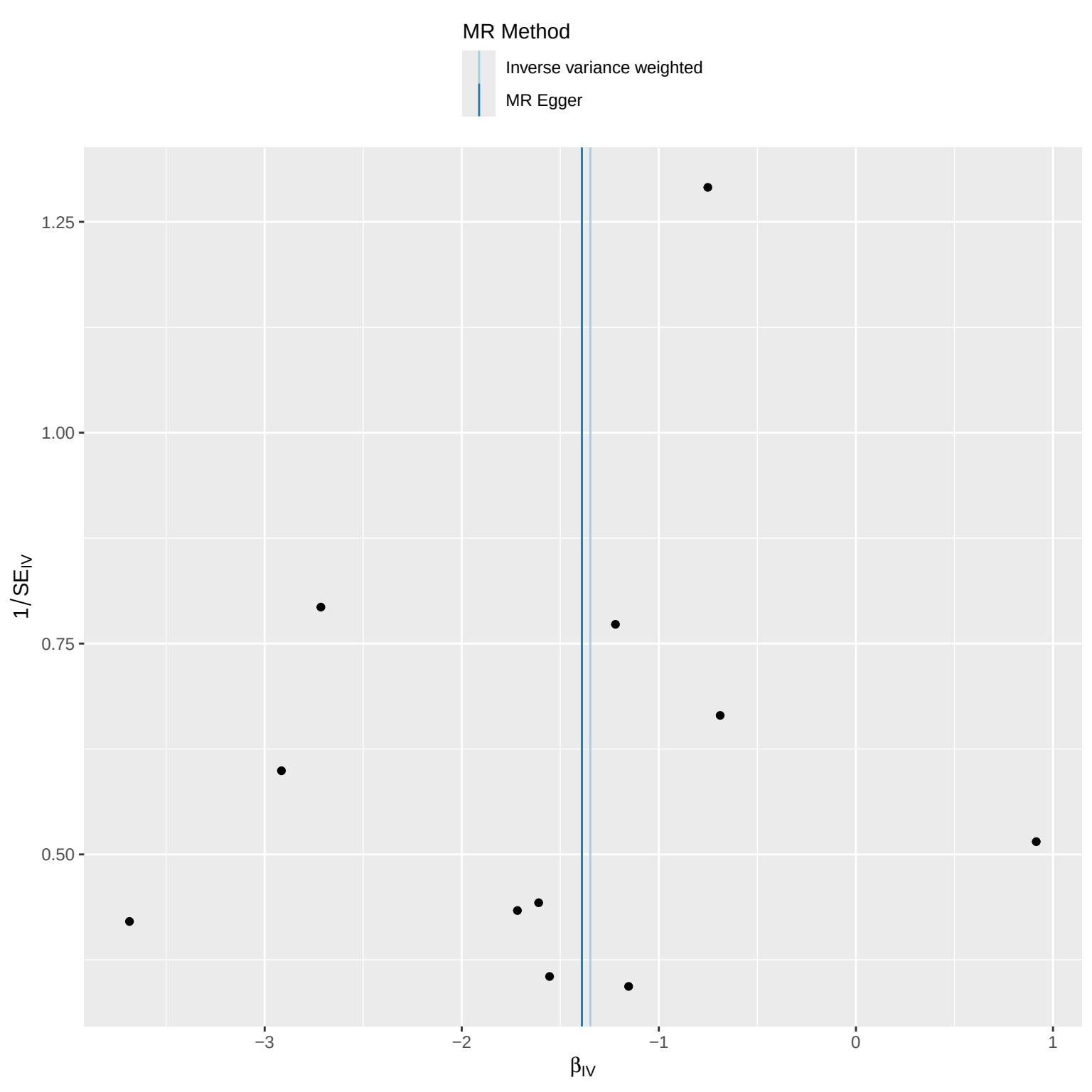

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

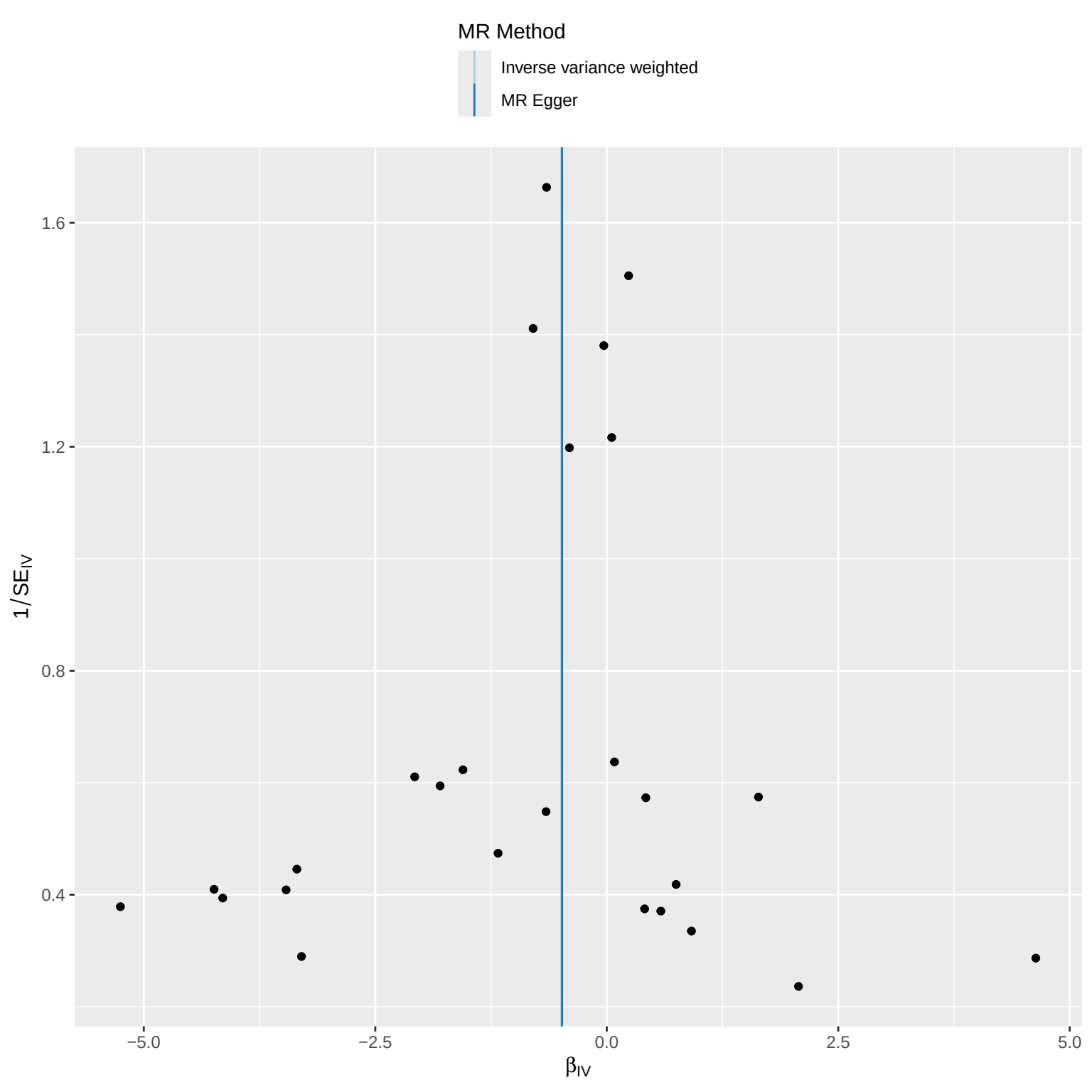

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

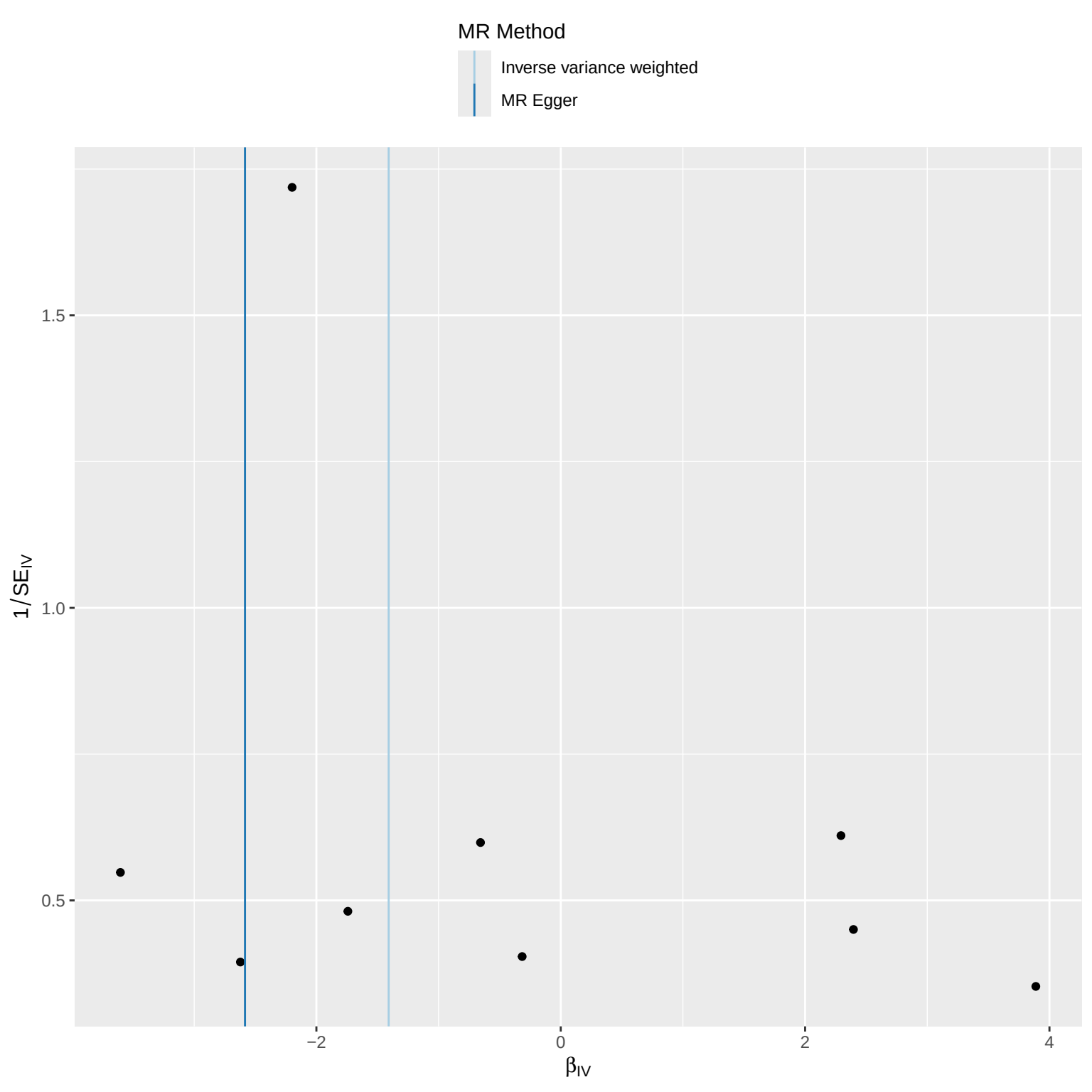

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

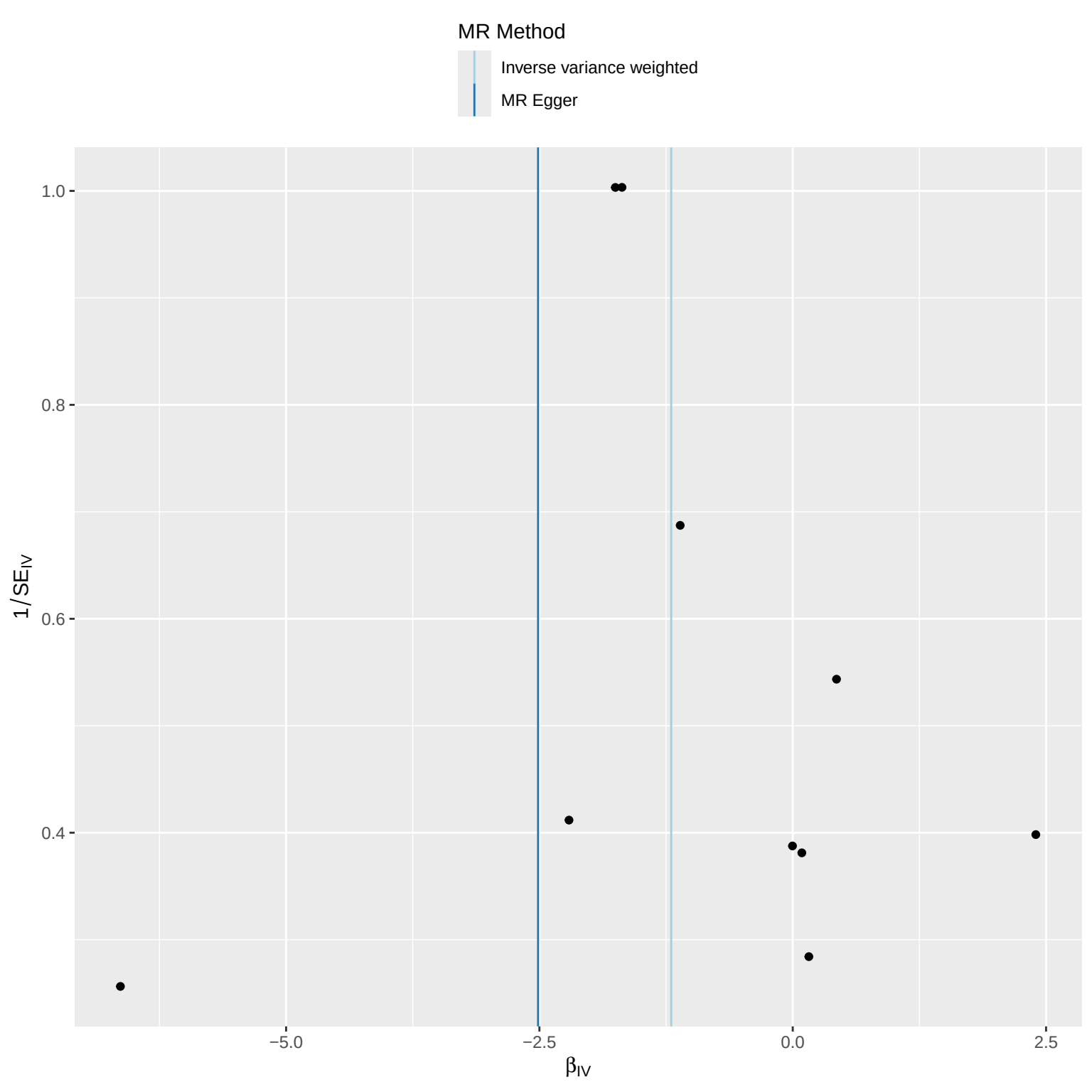

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
0
2
4
6
β_IV

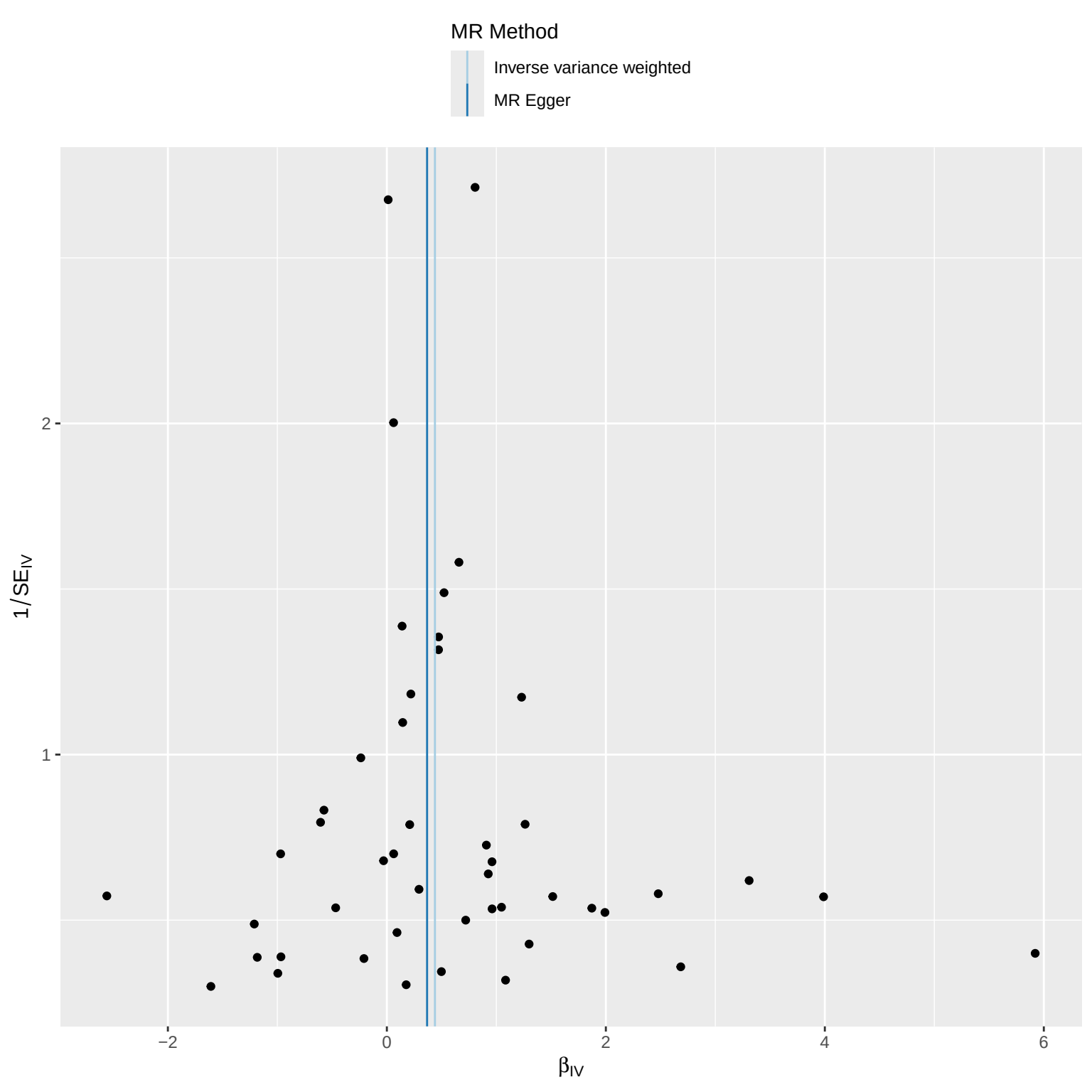

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−2.5
0.0
2.5
β_IV

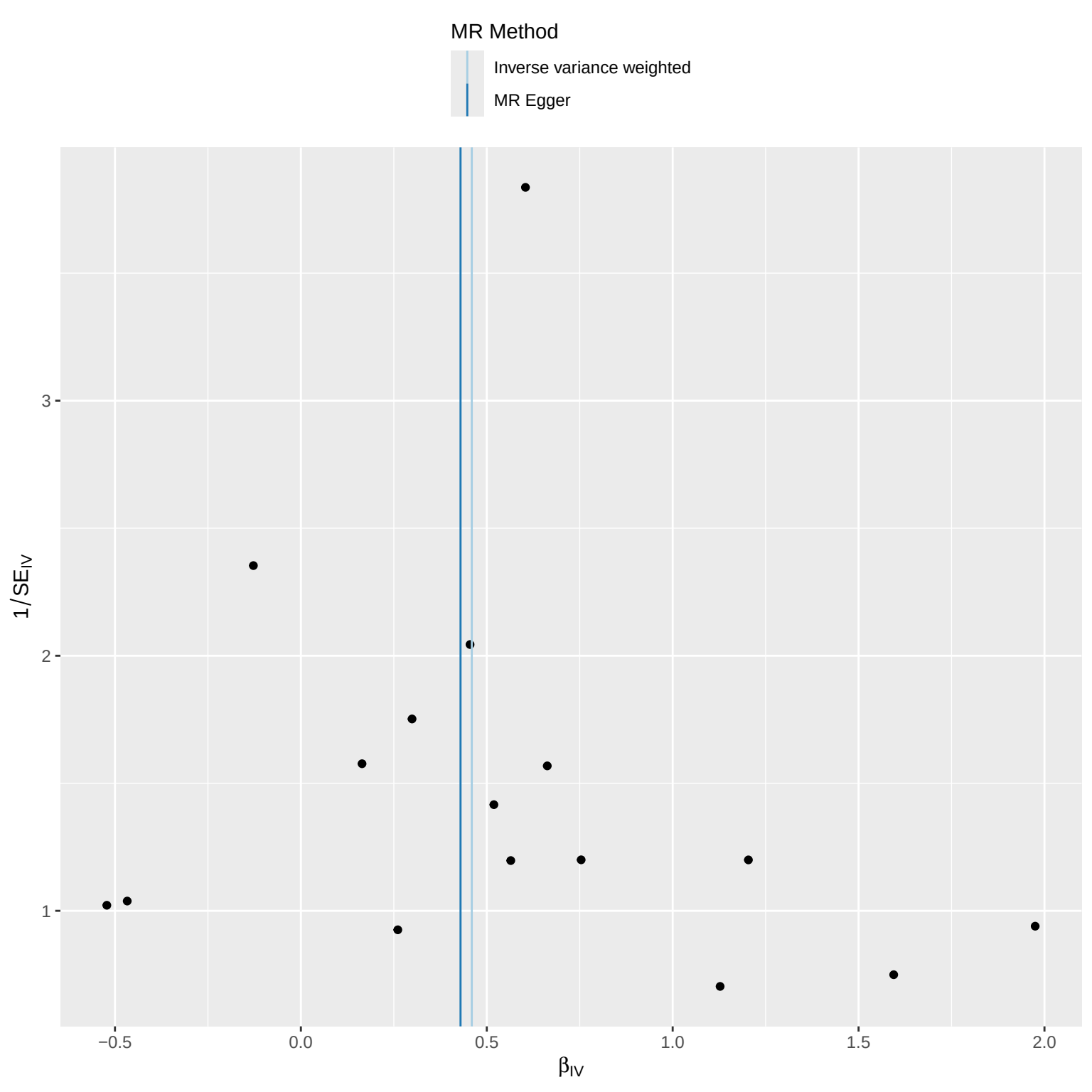

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

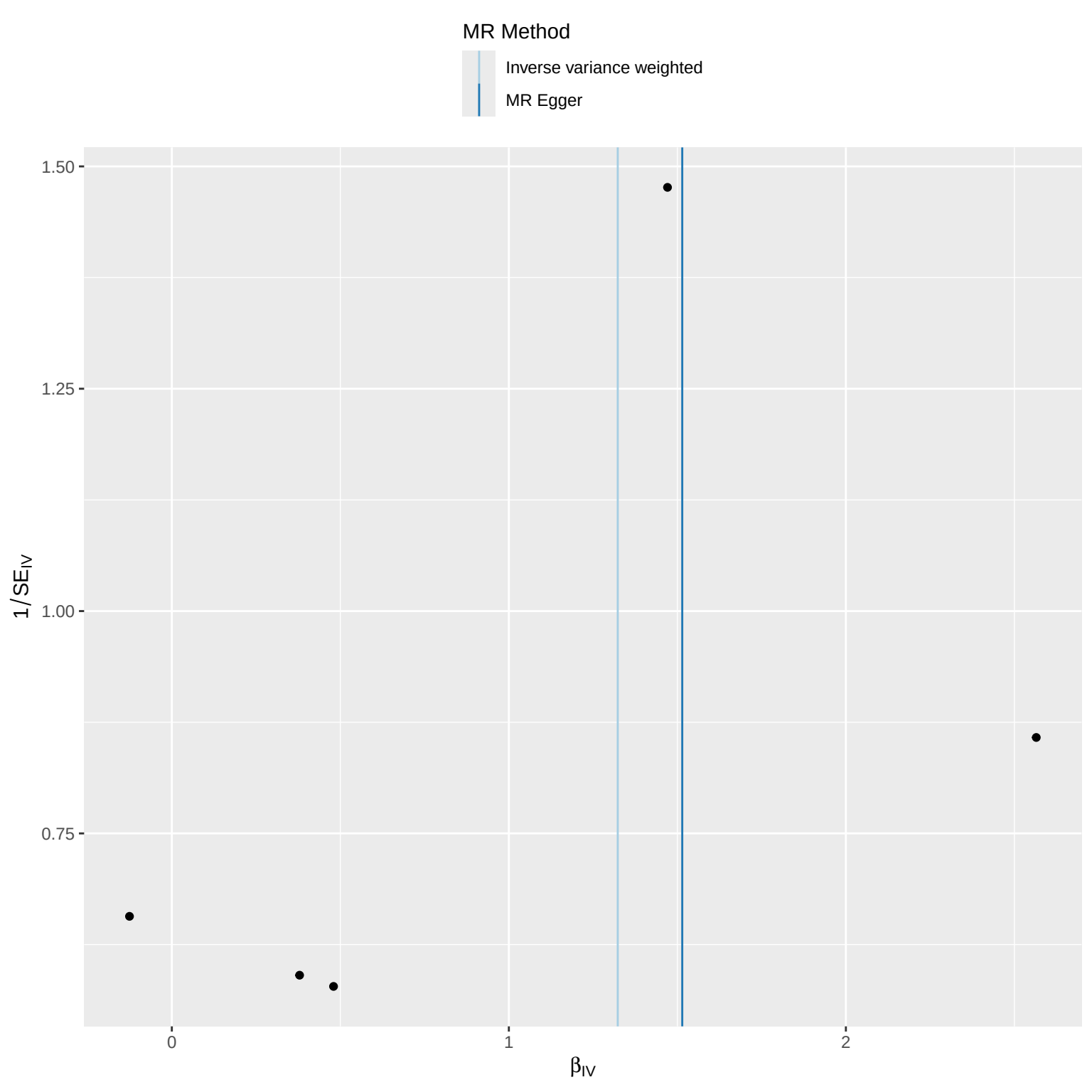

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

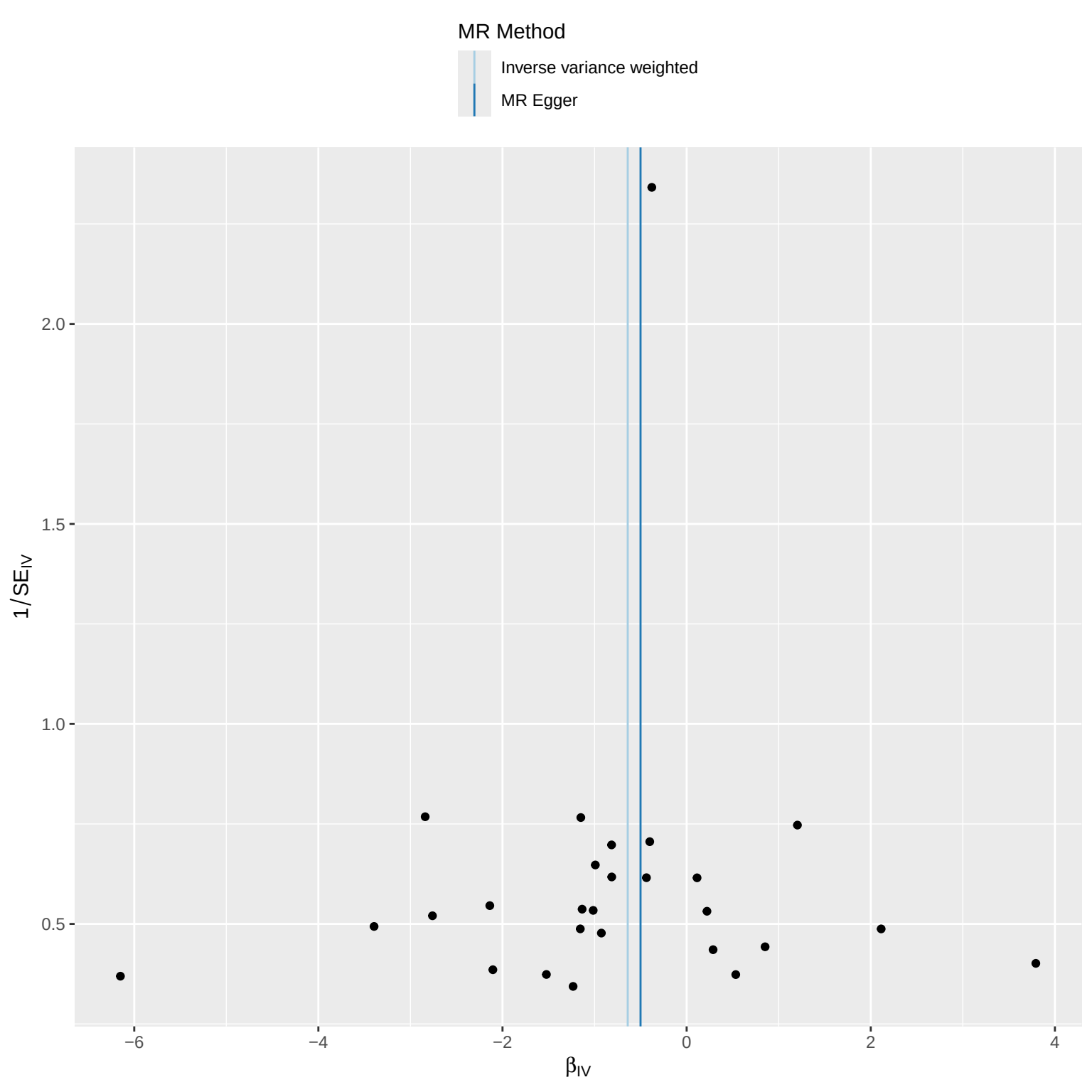

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

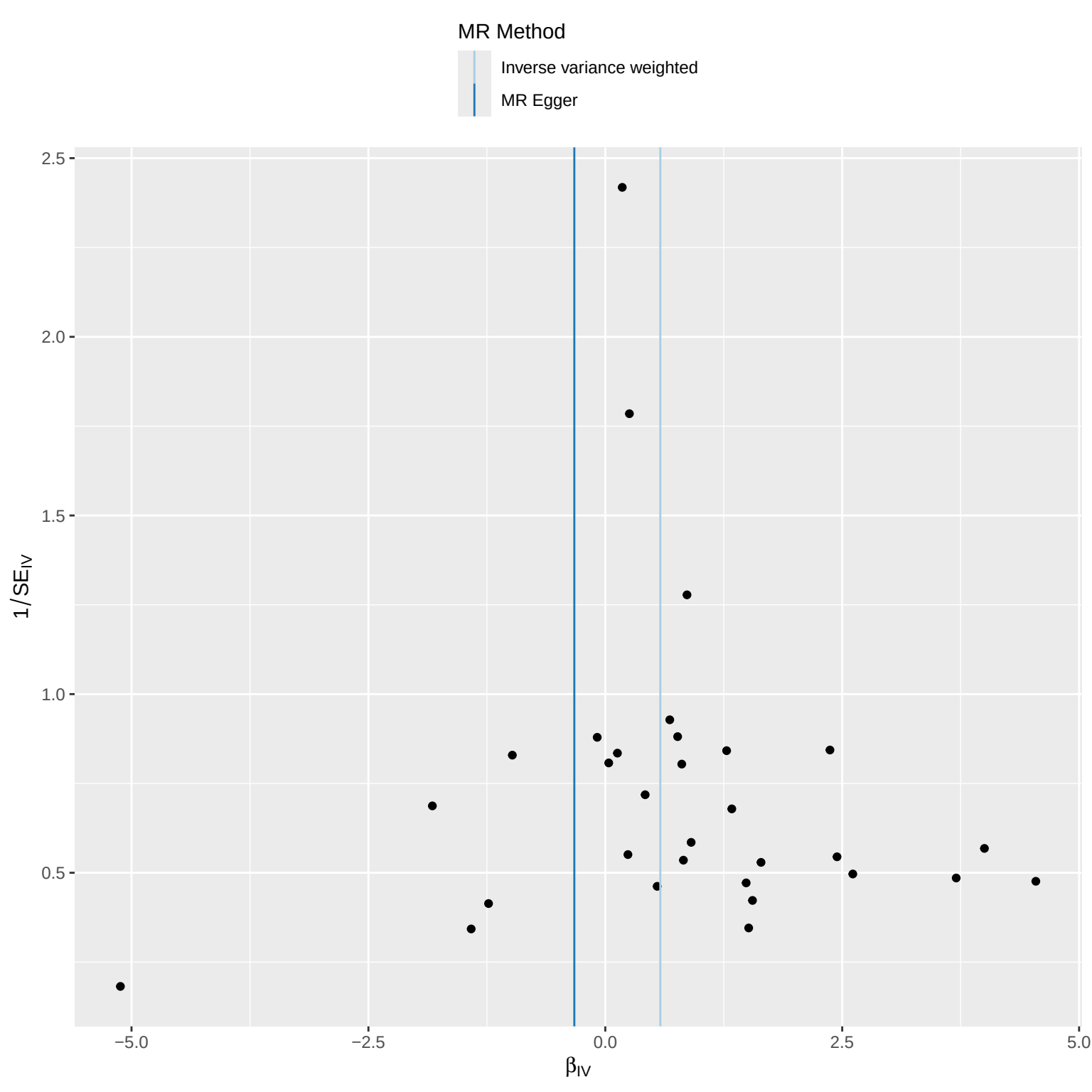

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

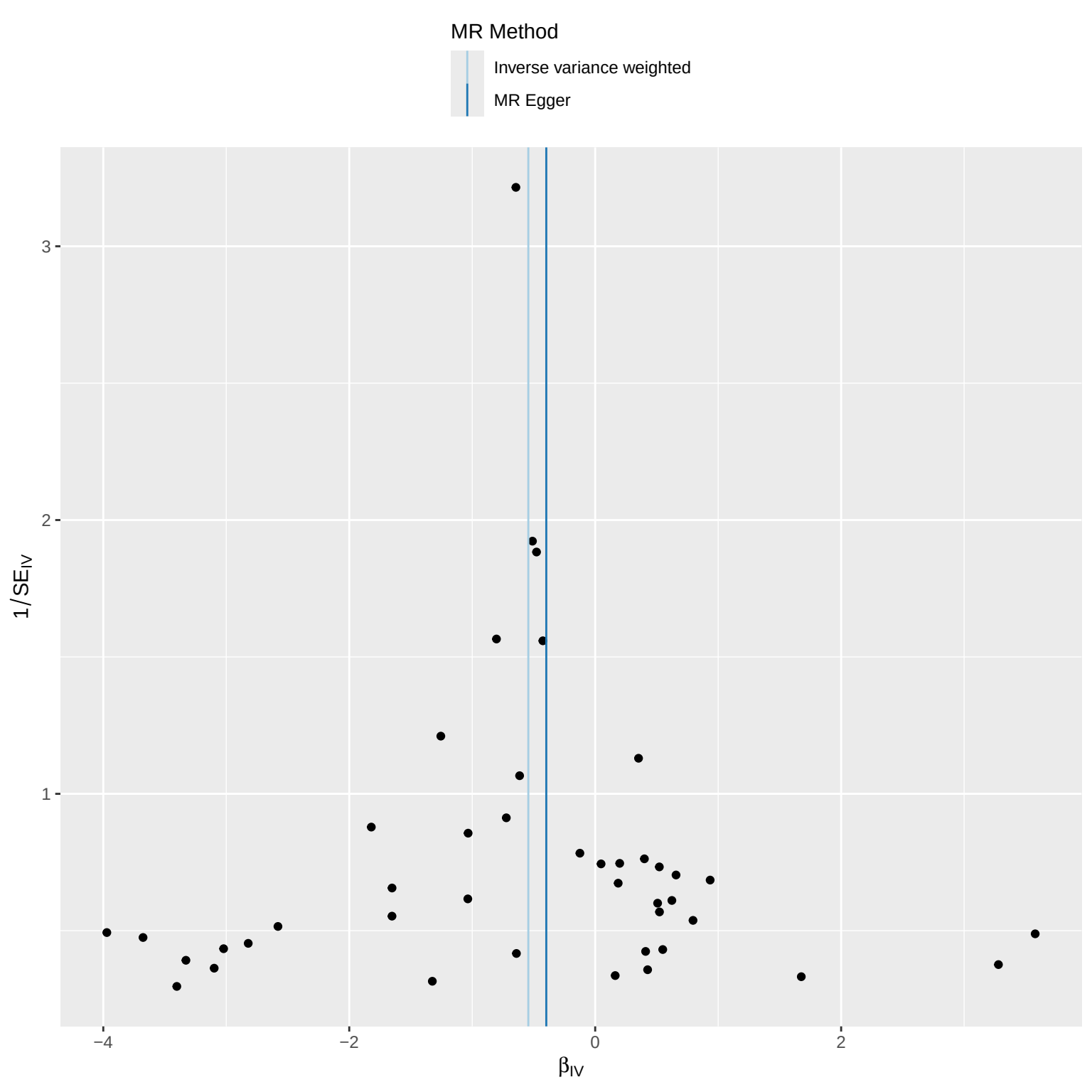

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
6
β_IV

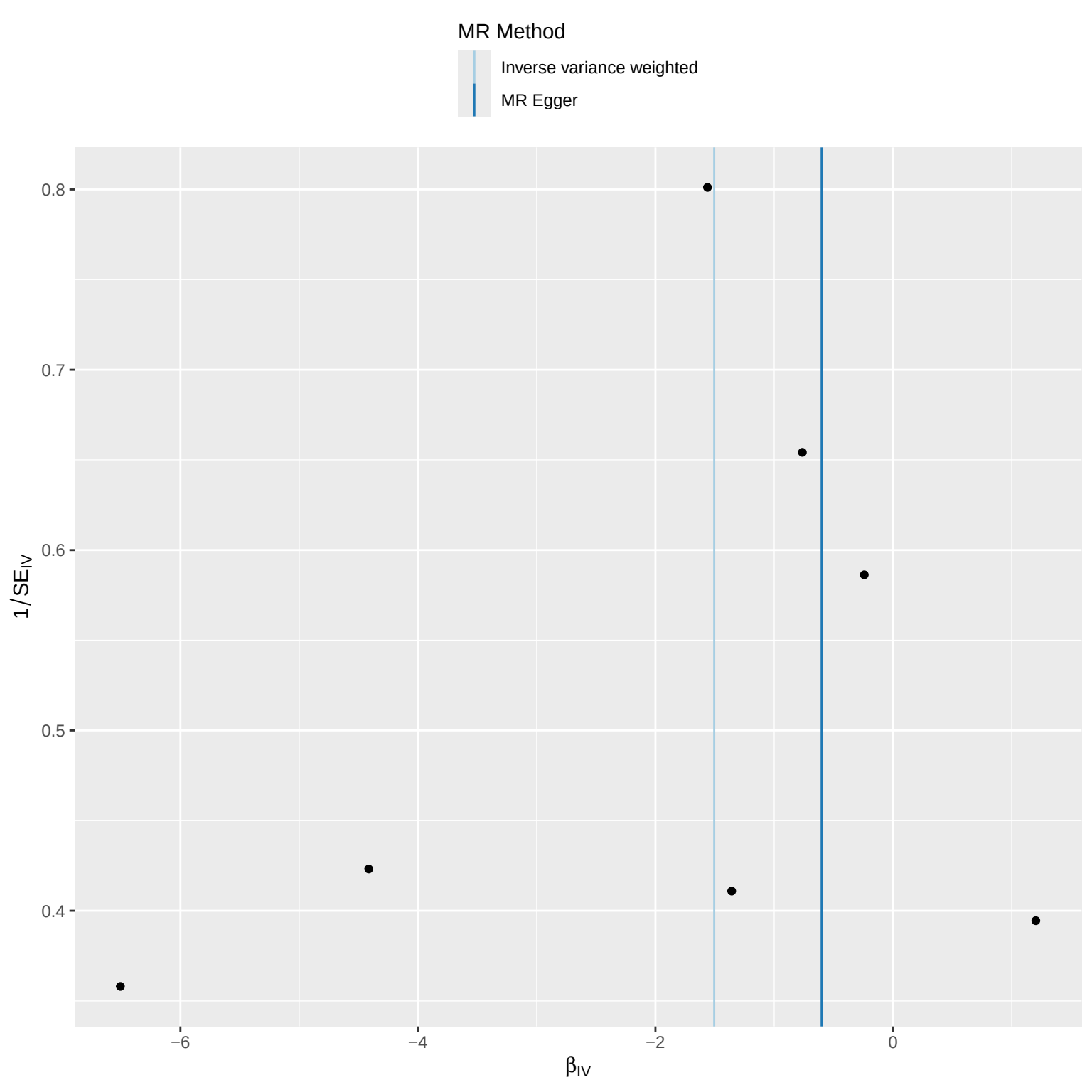

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

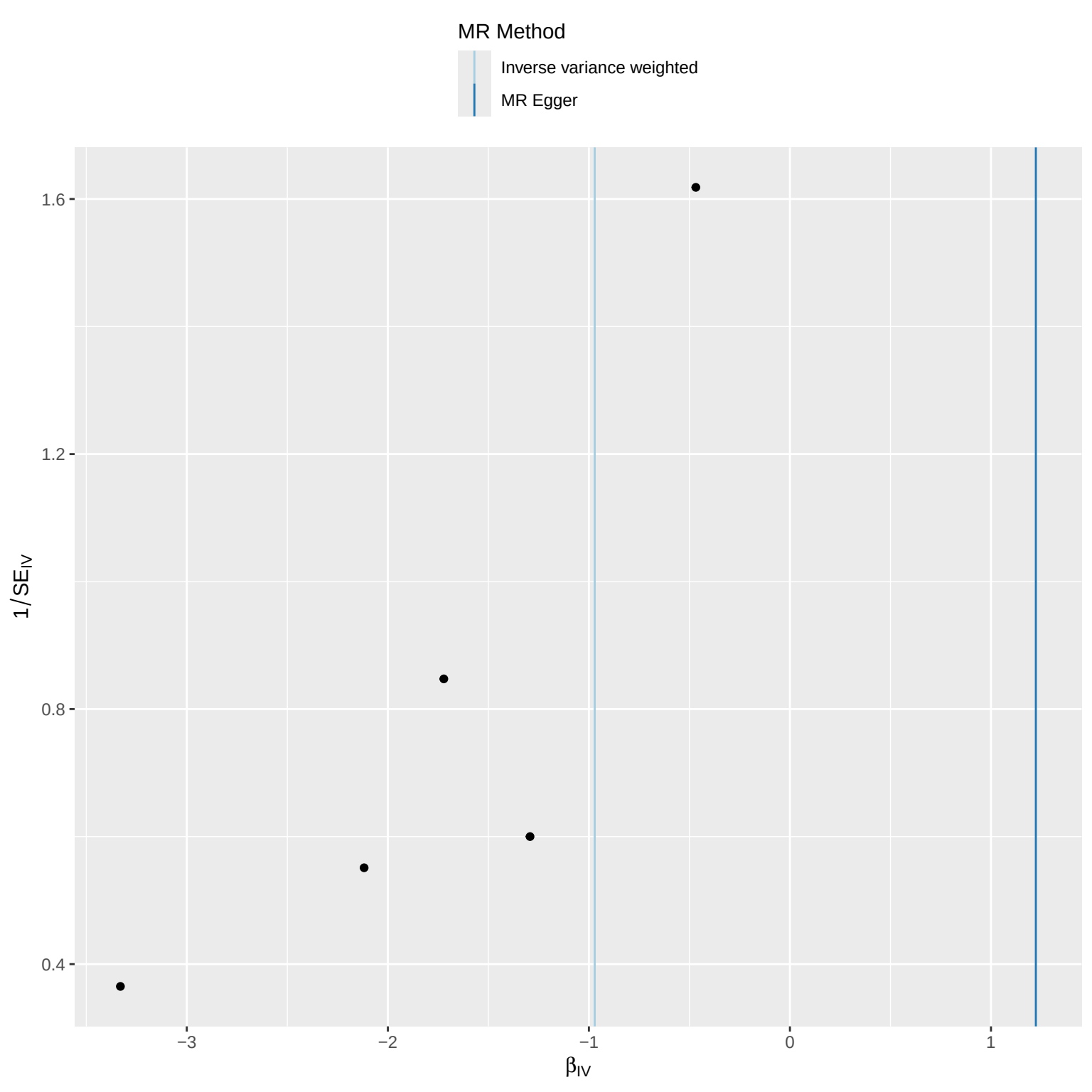

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0
1
2
β_IV

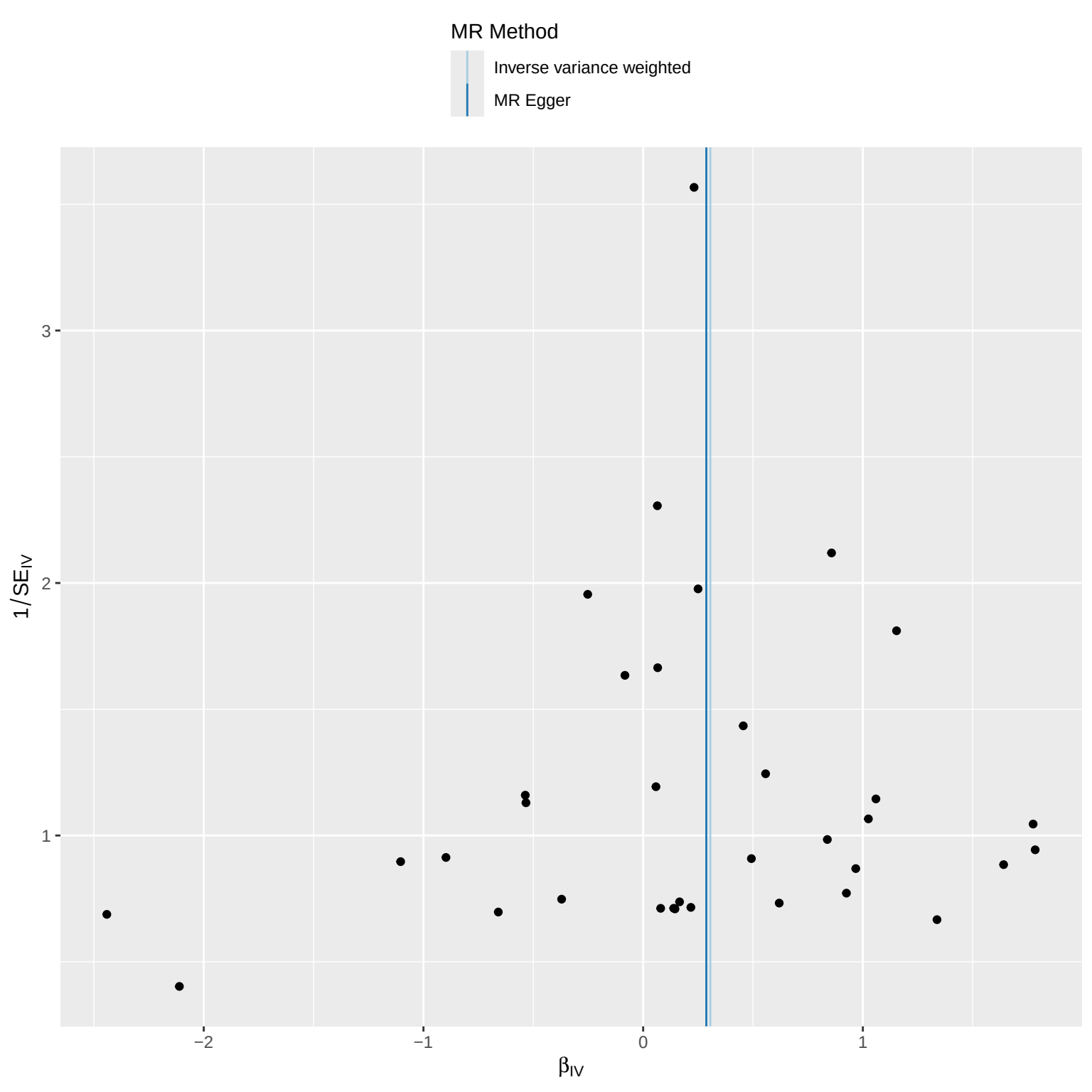

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
4
β_IV

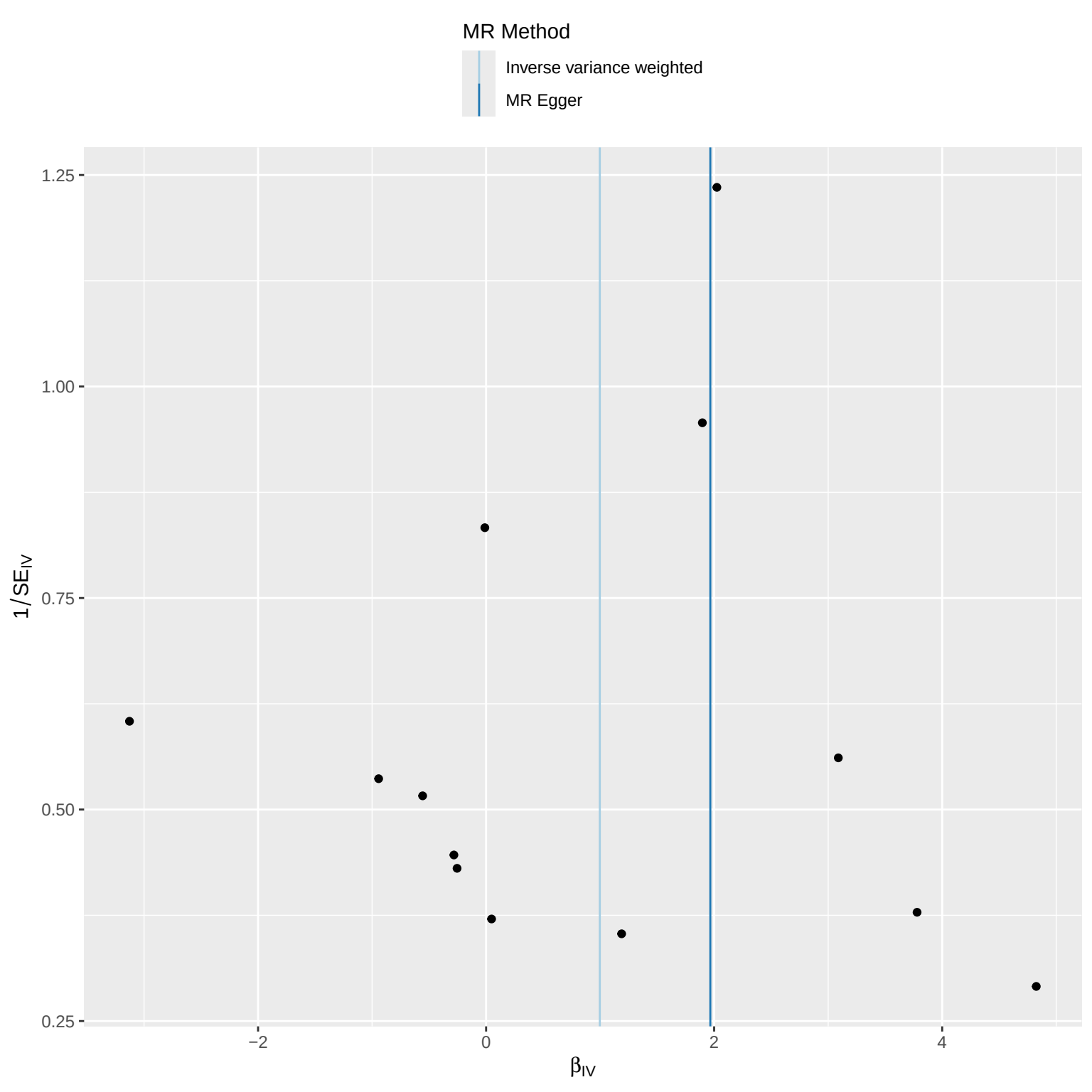

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

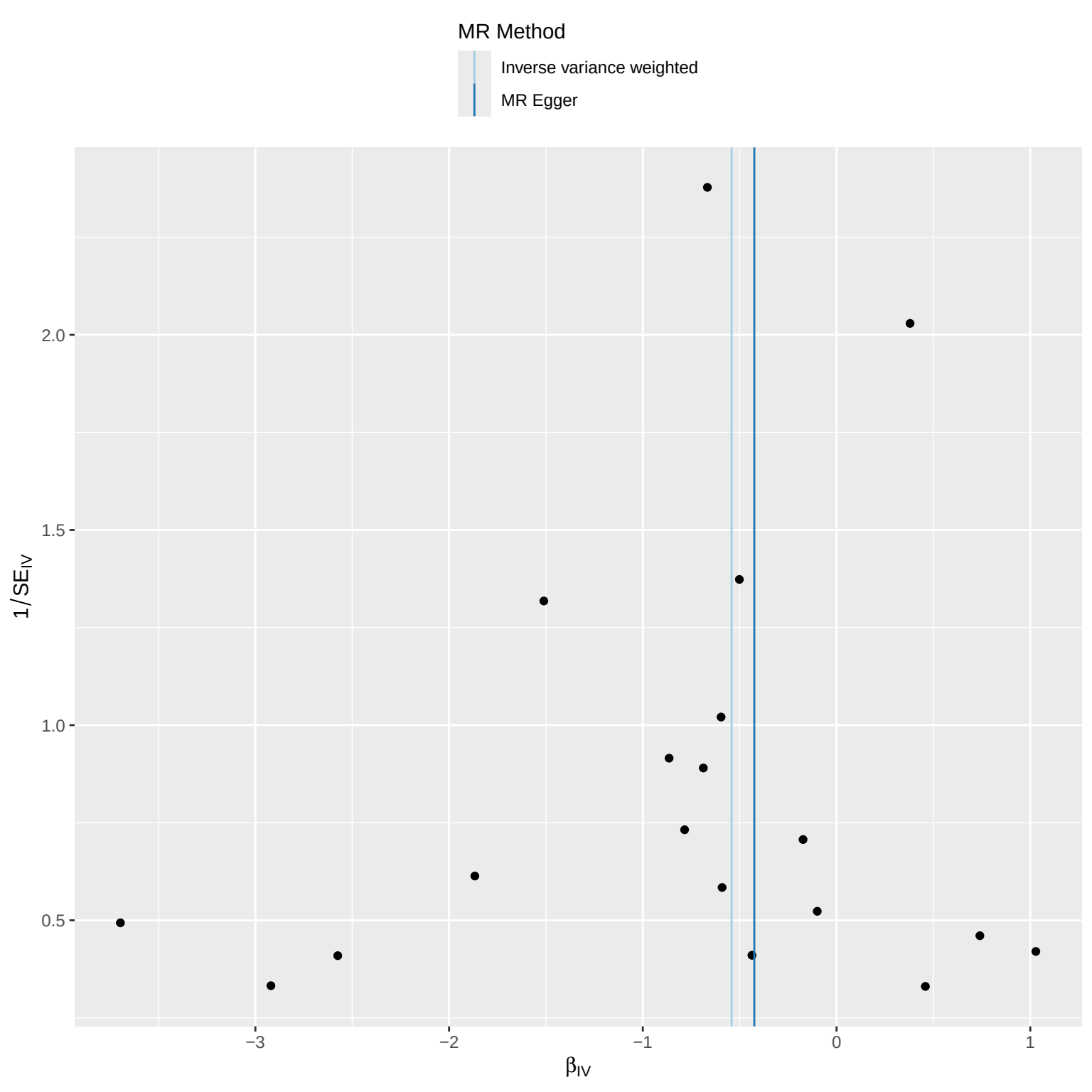

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

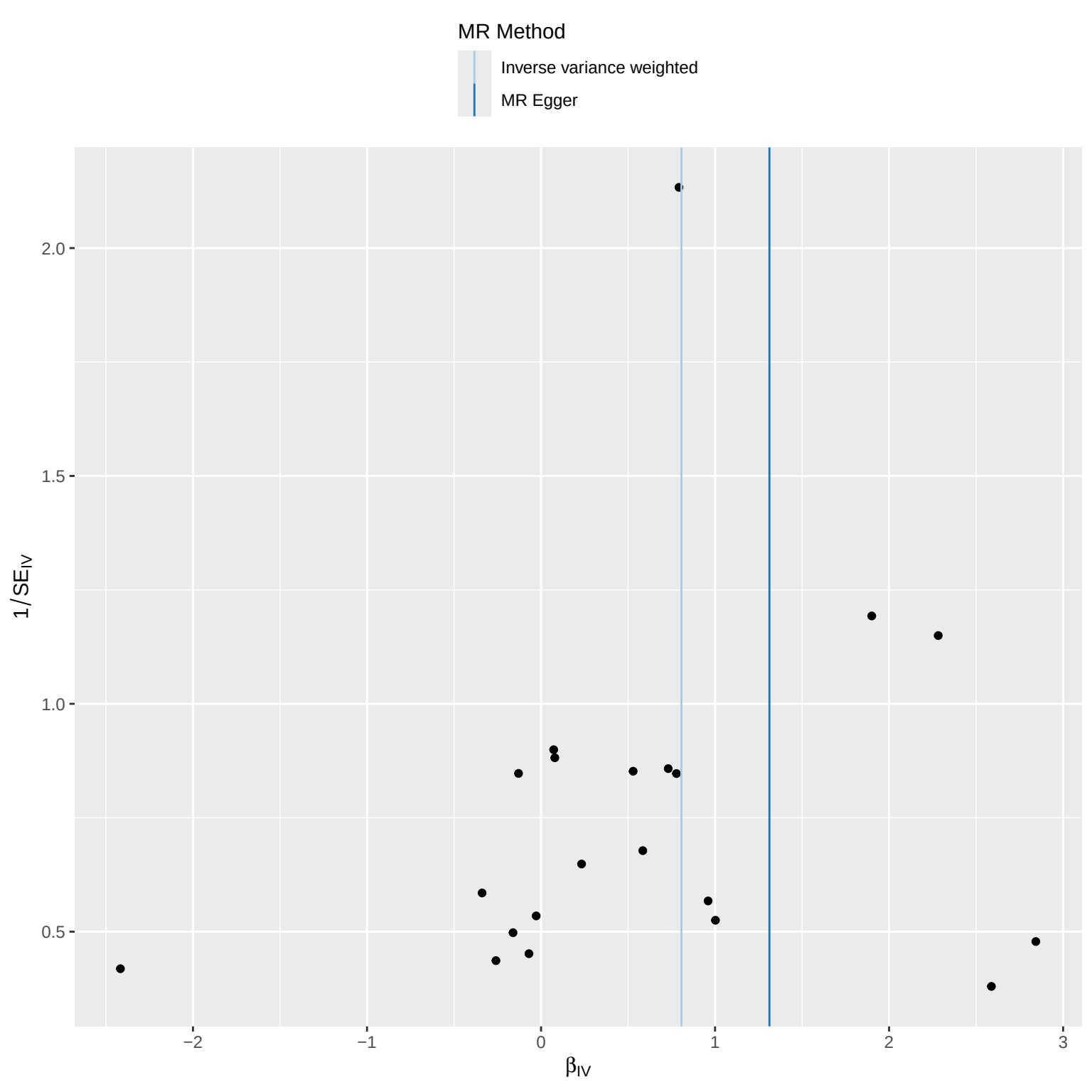

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−6
−4
−2
0
β_IV

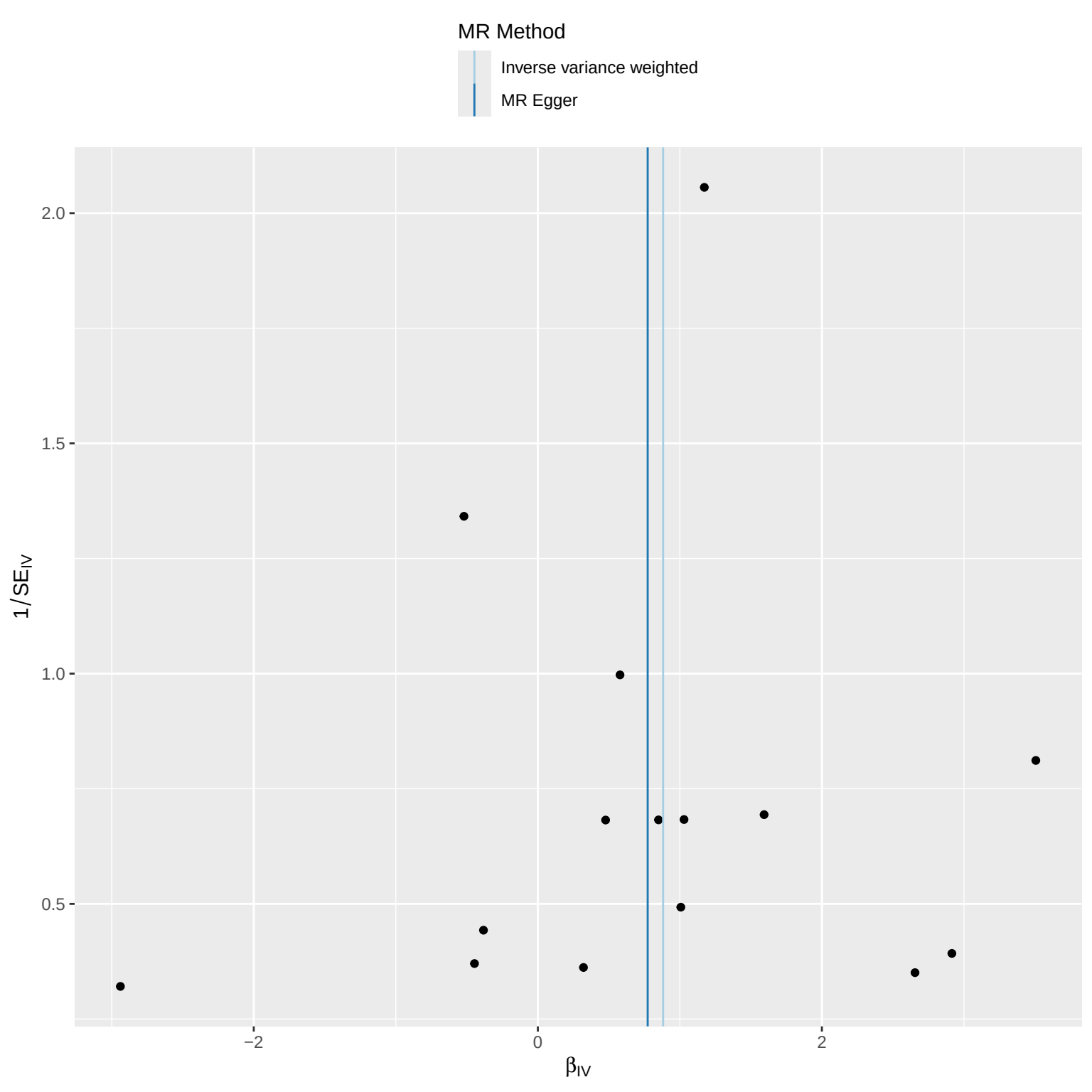

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

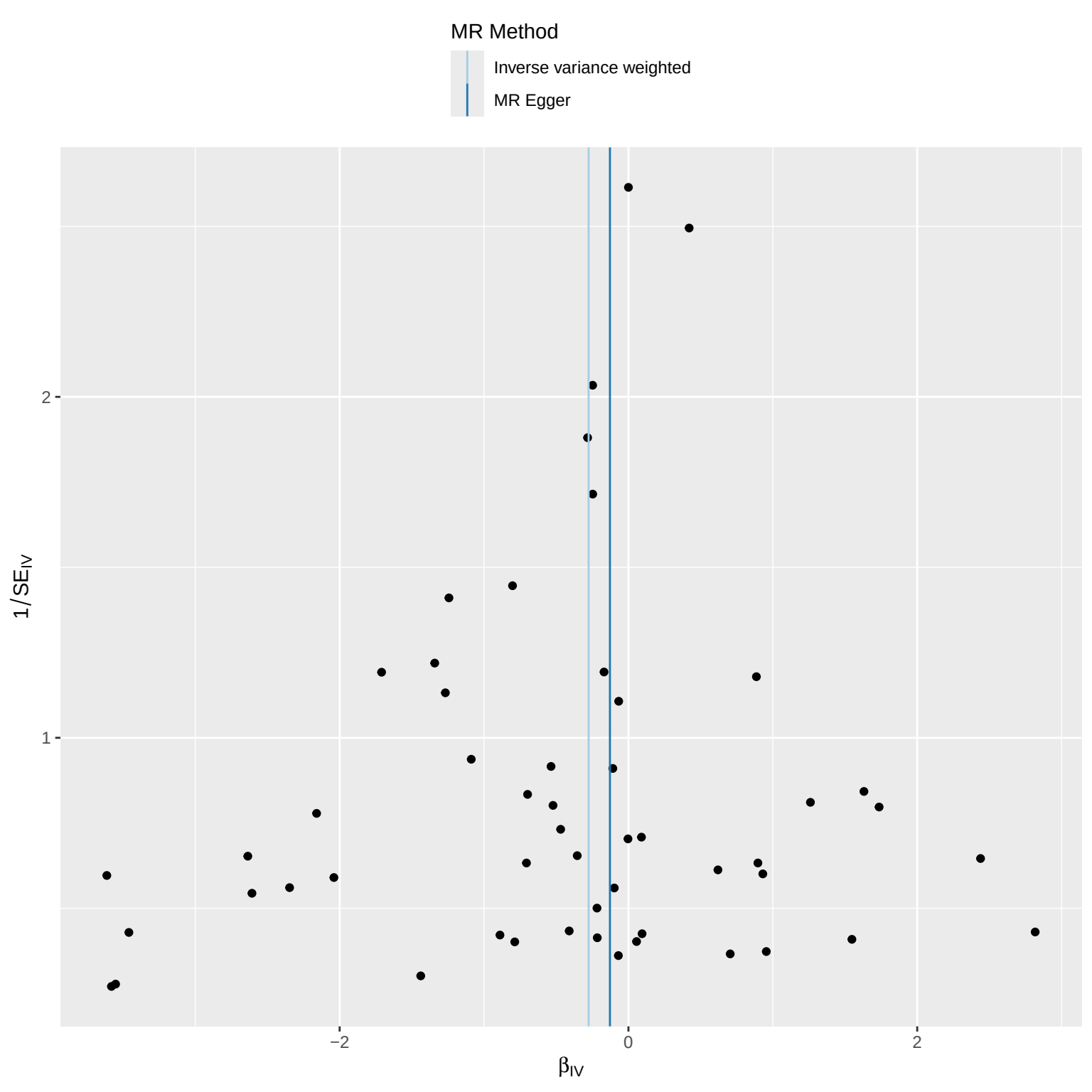

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

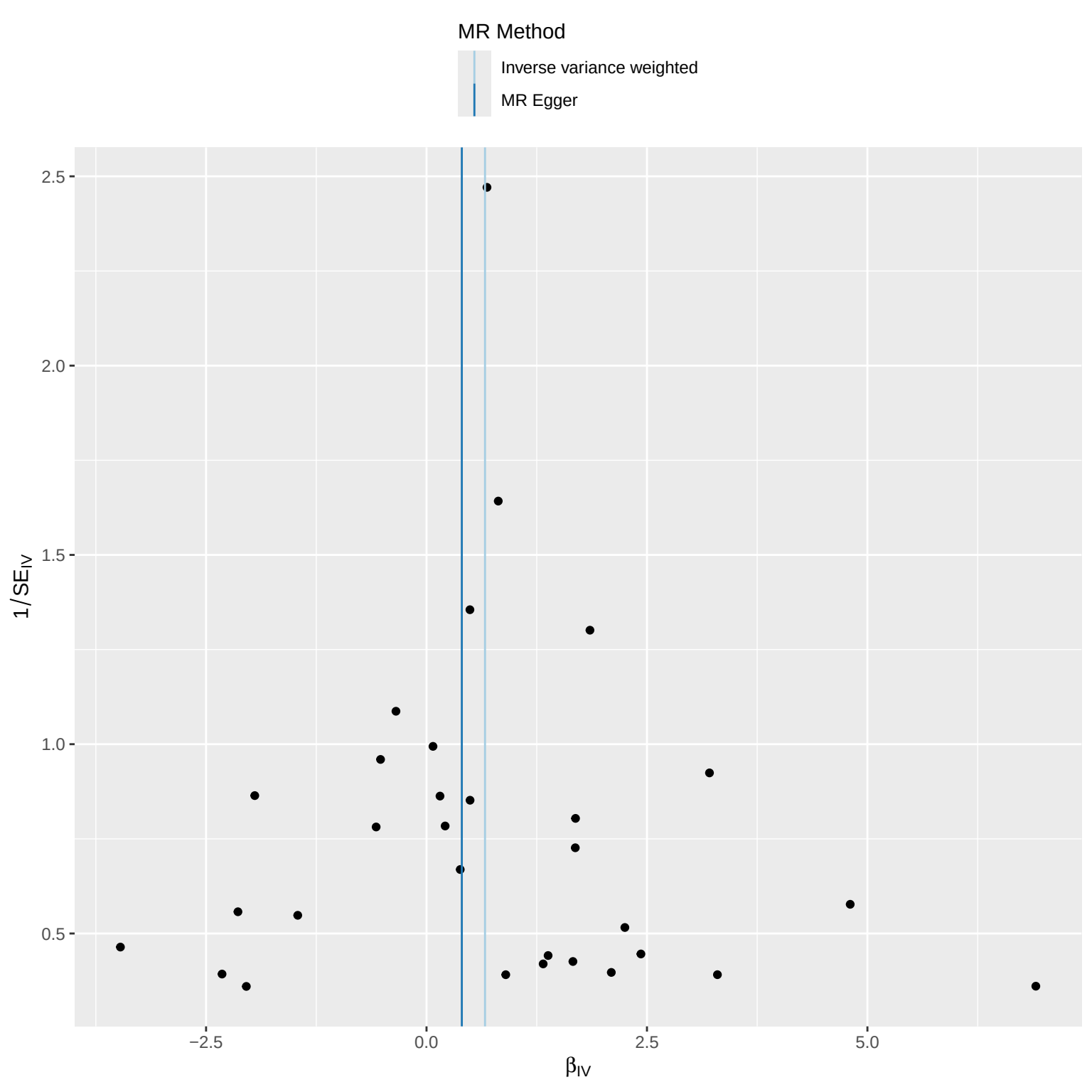

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
0
2
4
β_IV

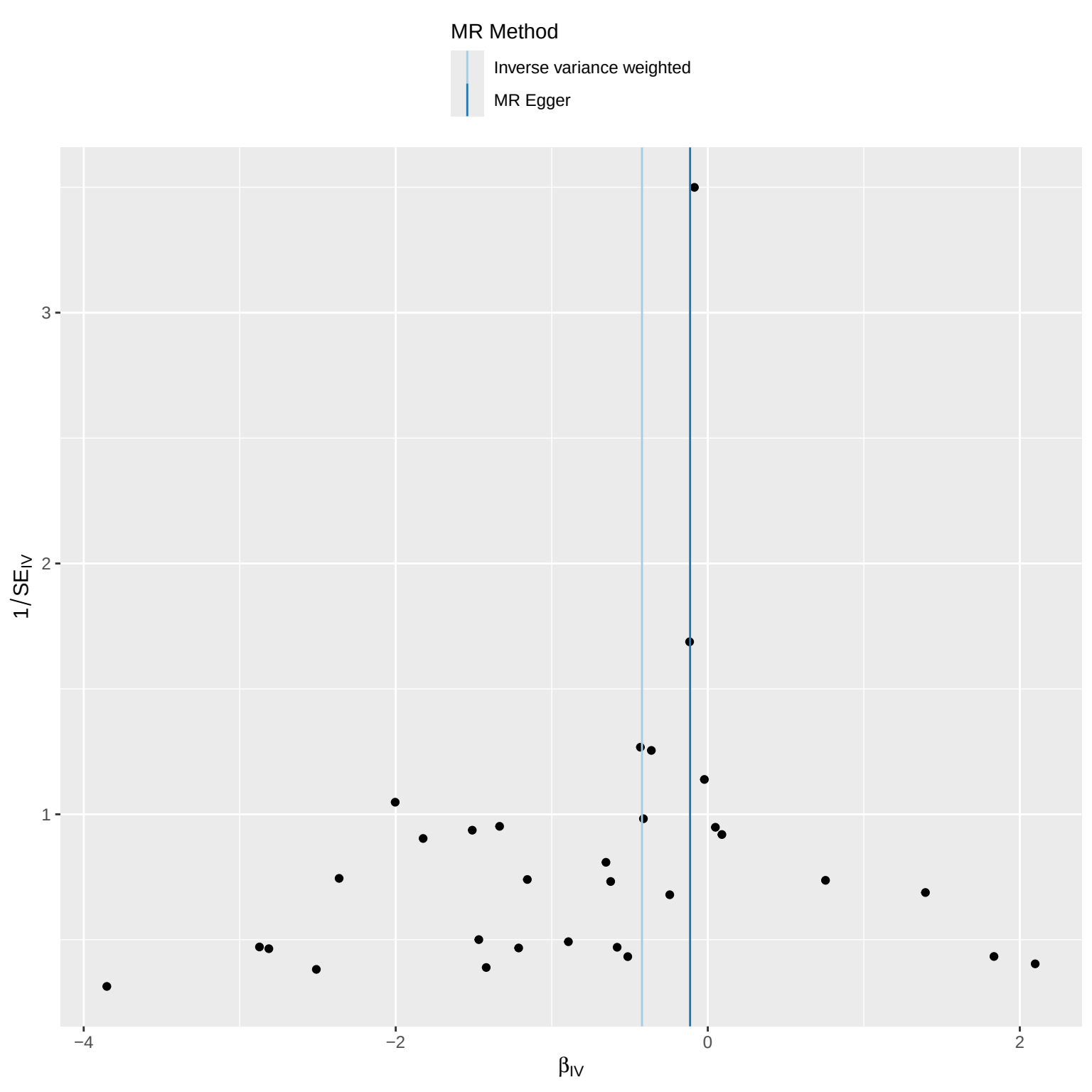

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

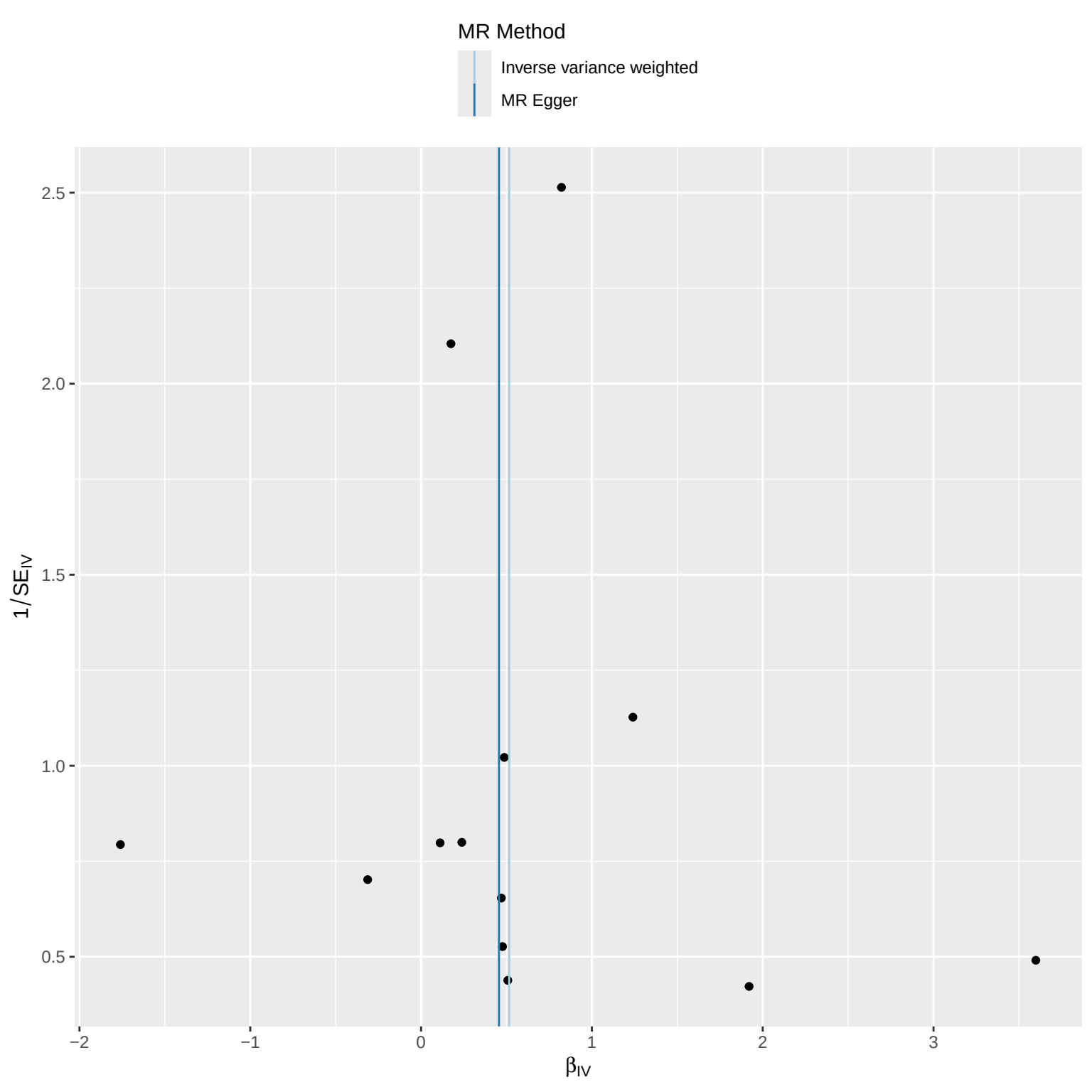

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

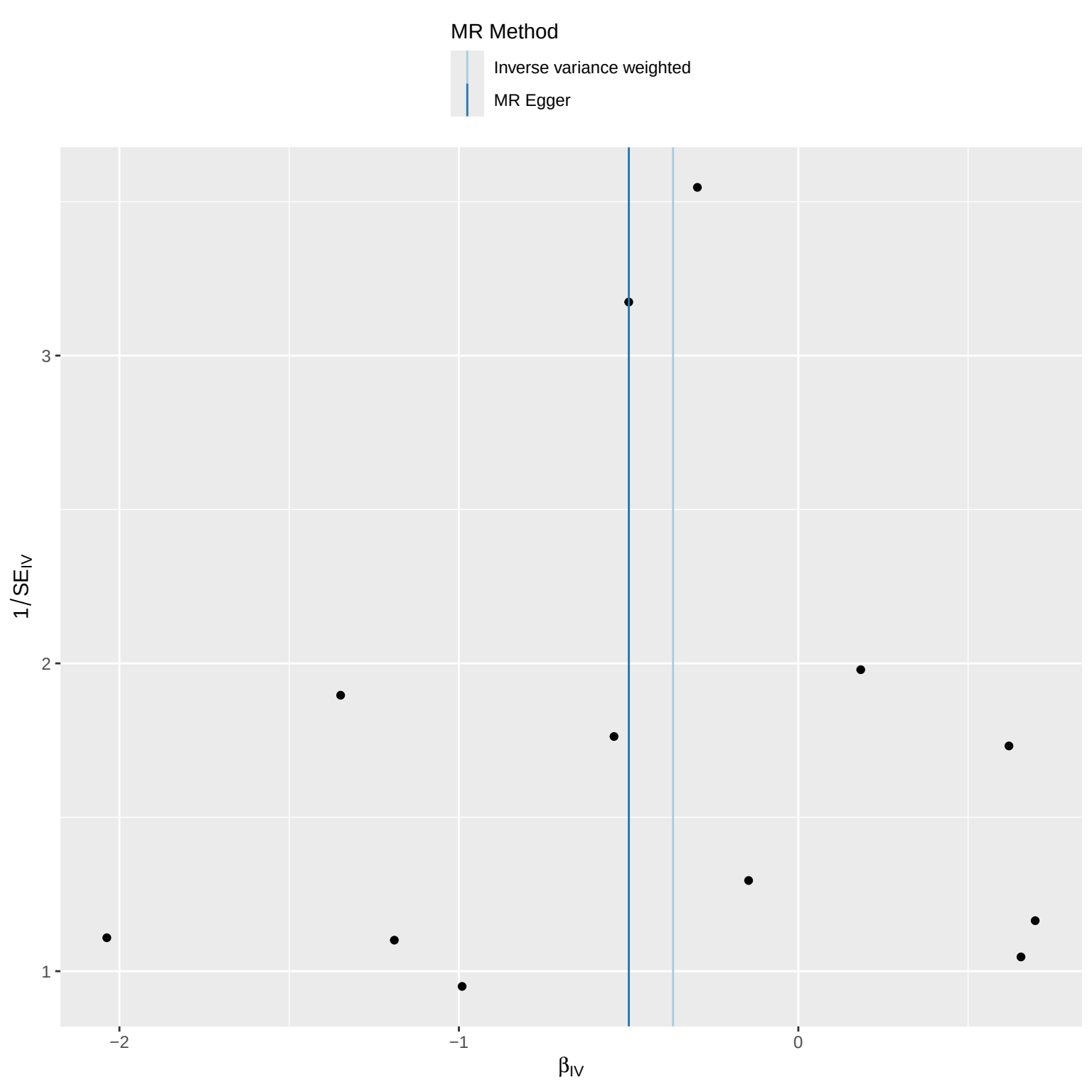

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

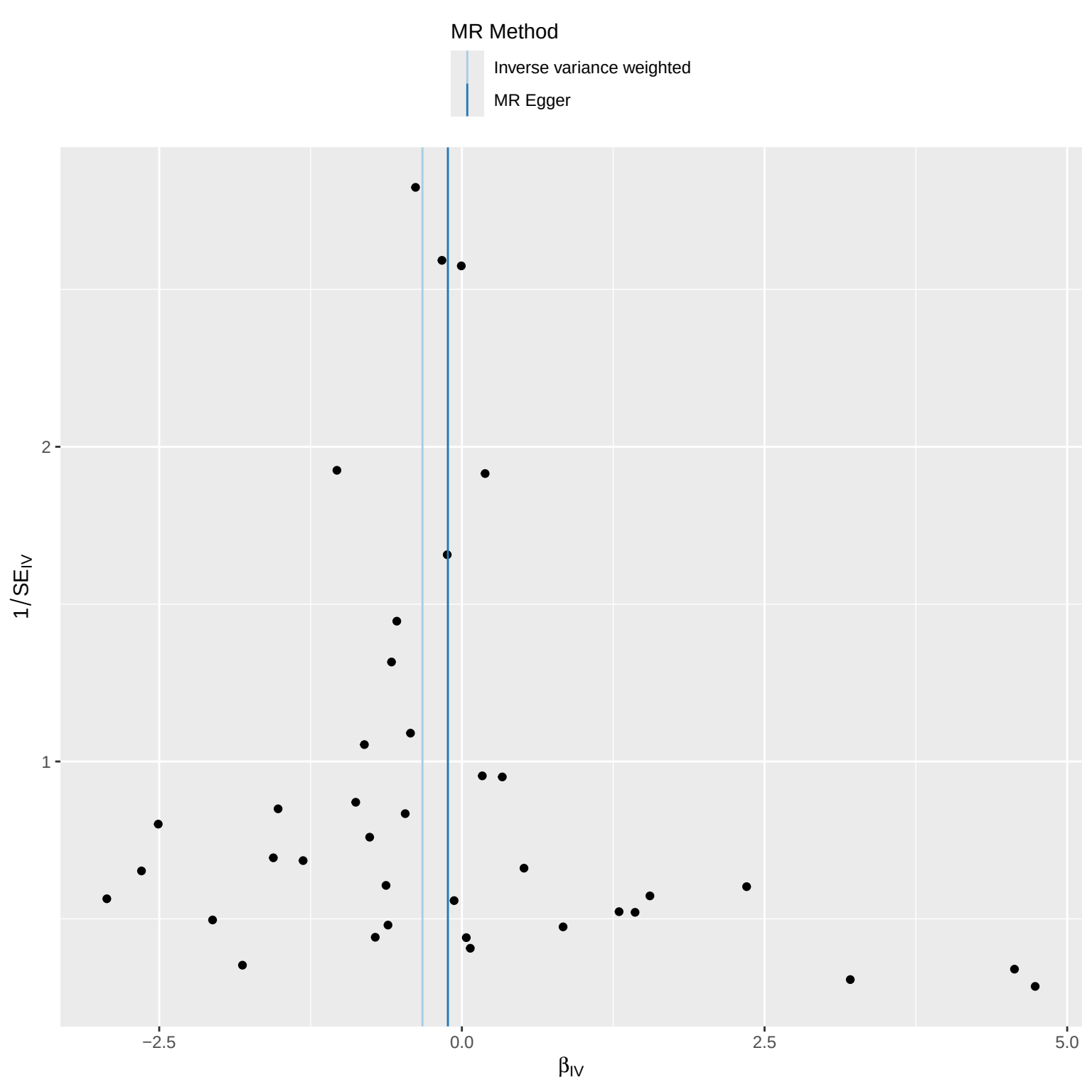

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

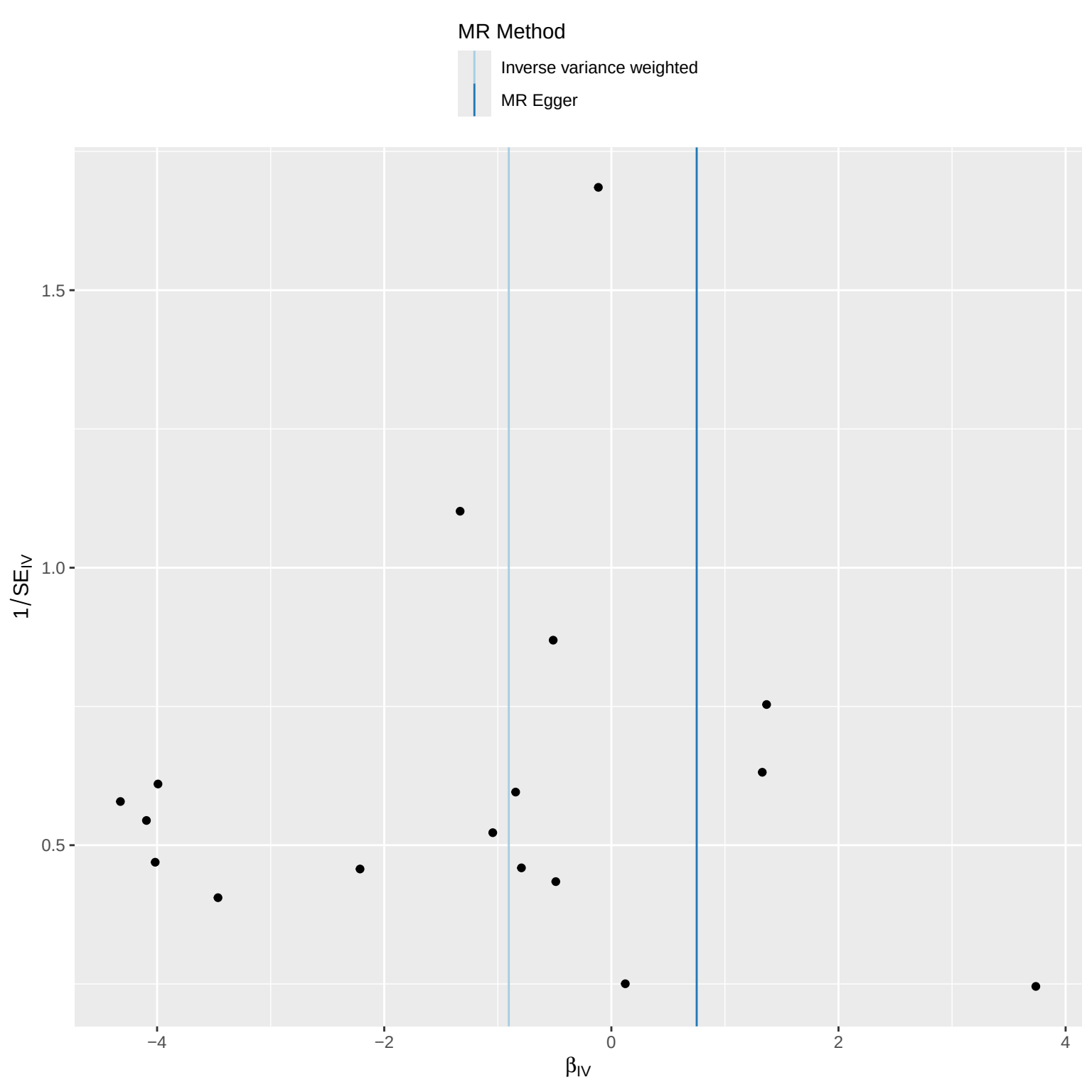

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

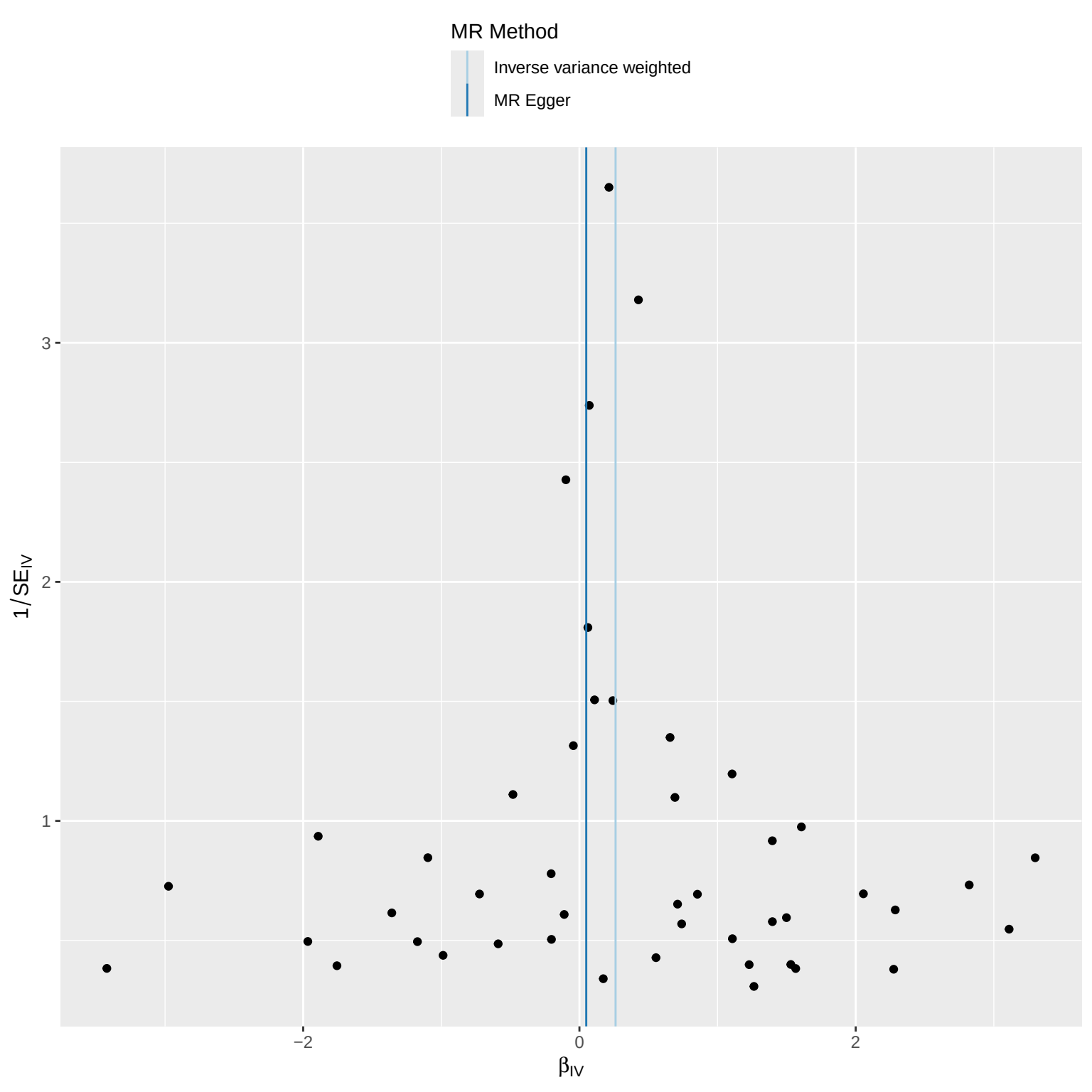

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

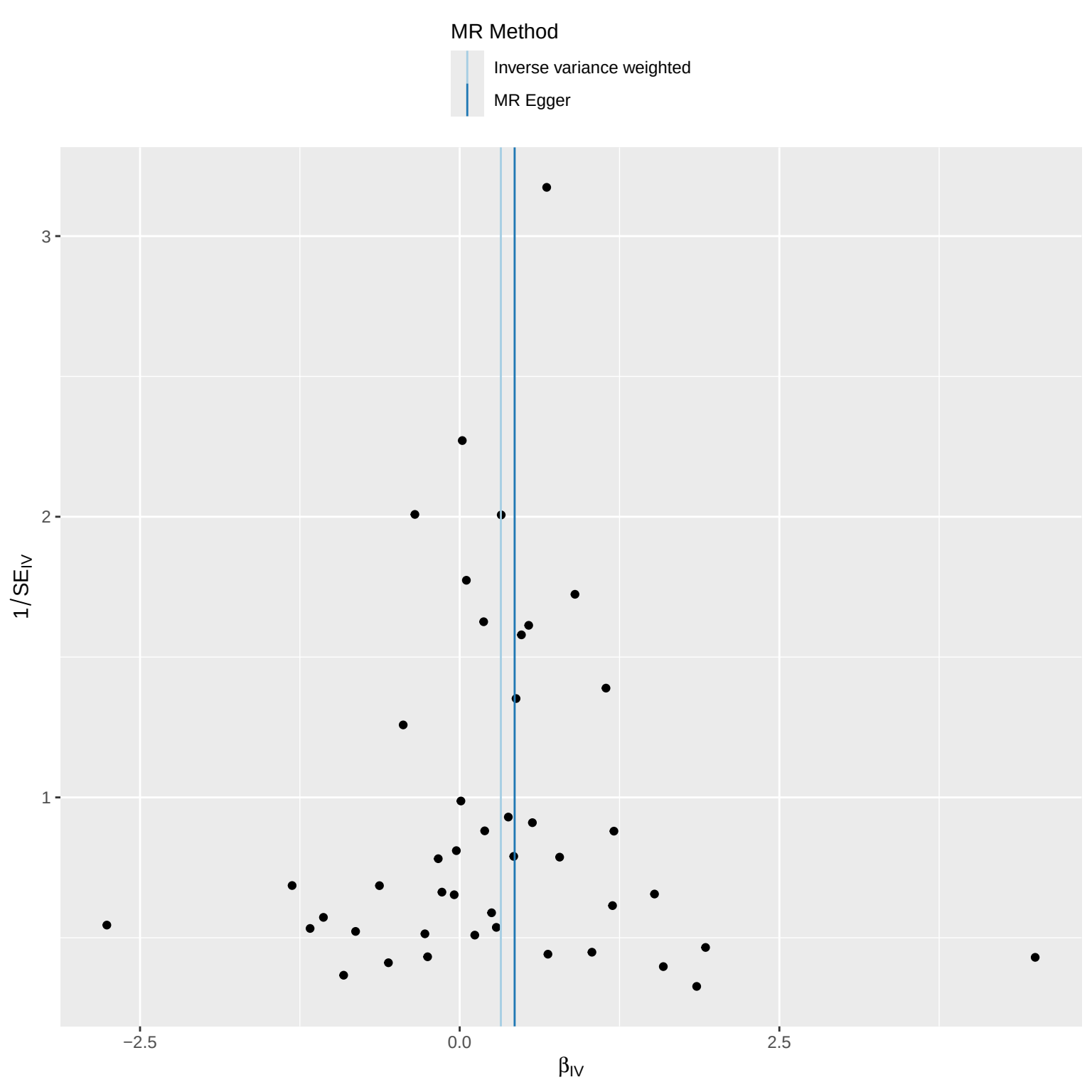

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

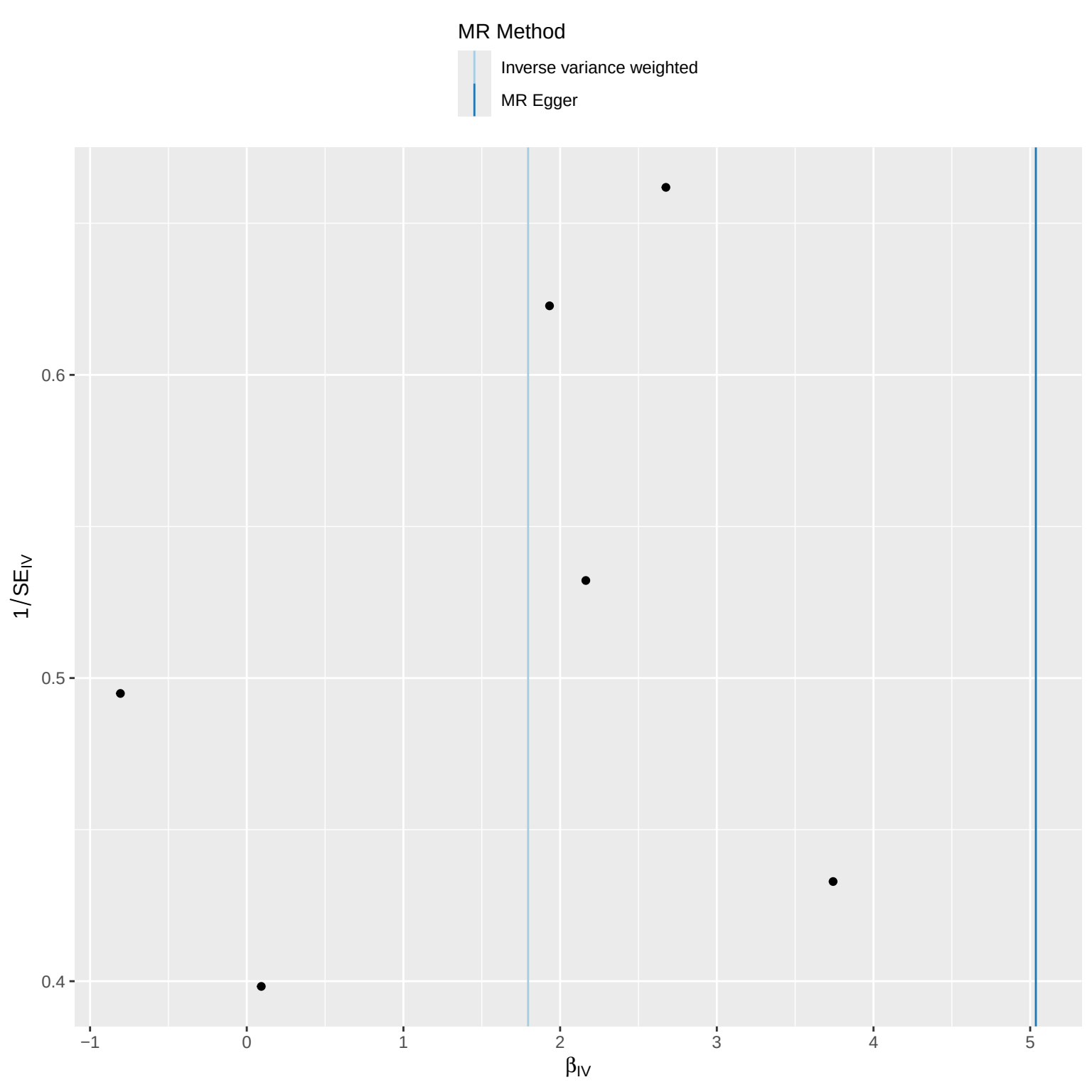

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

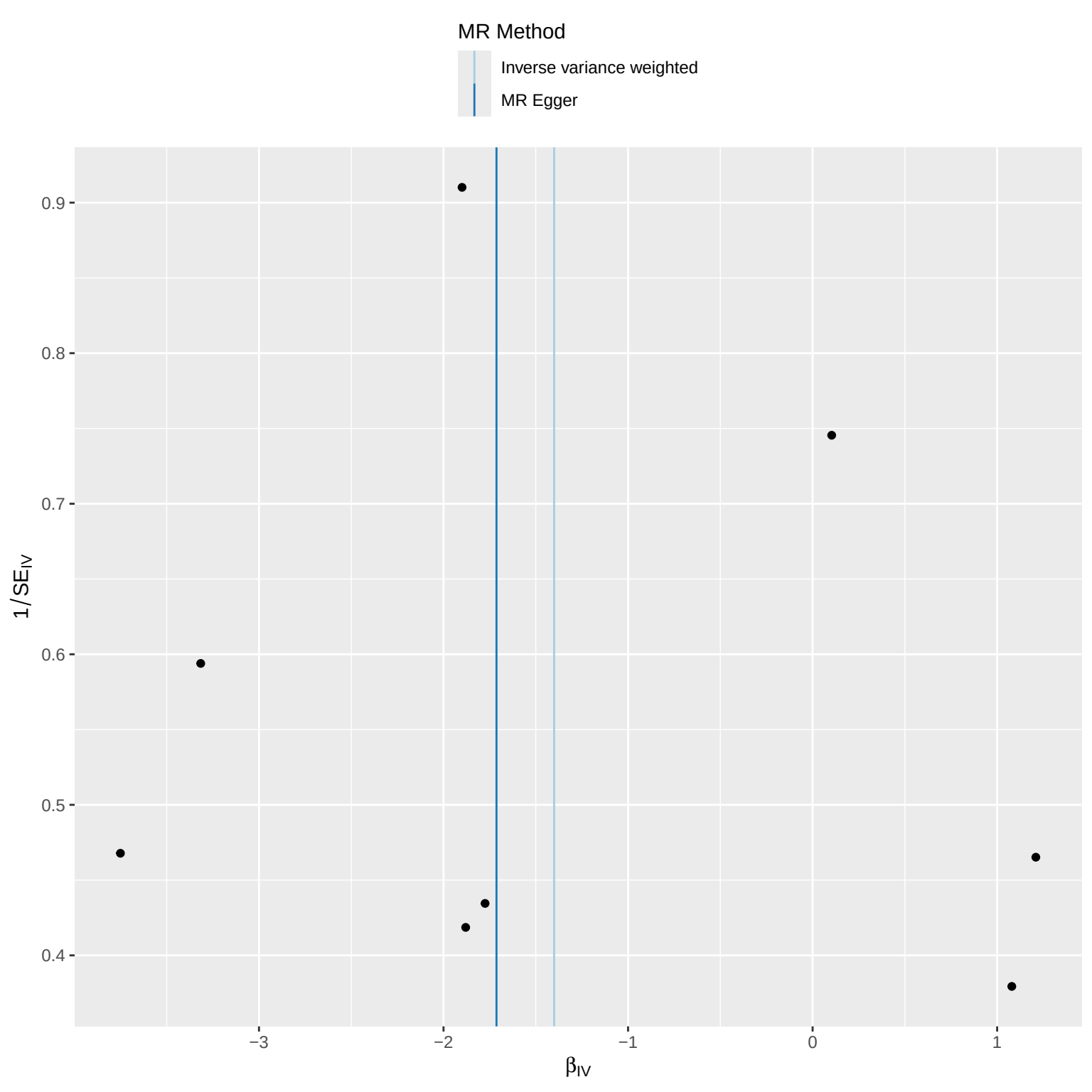

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

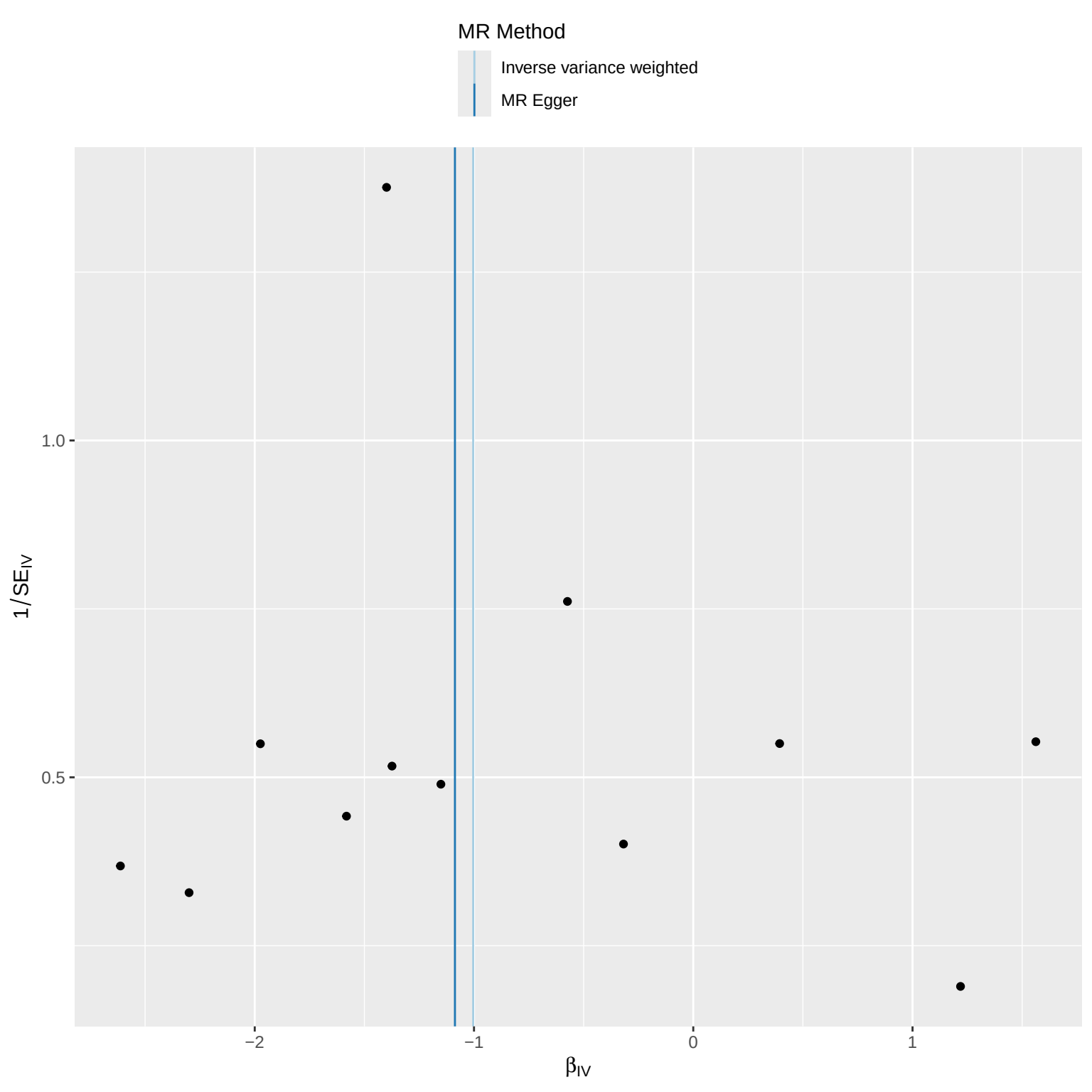

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

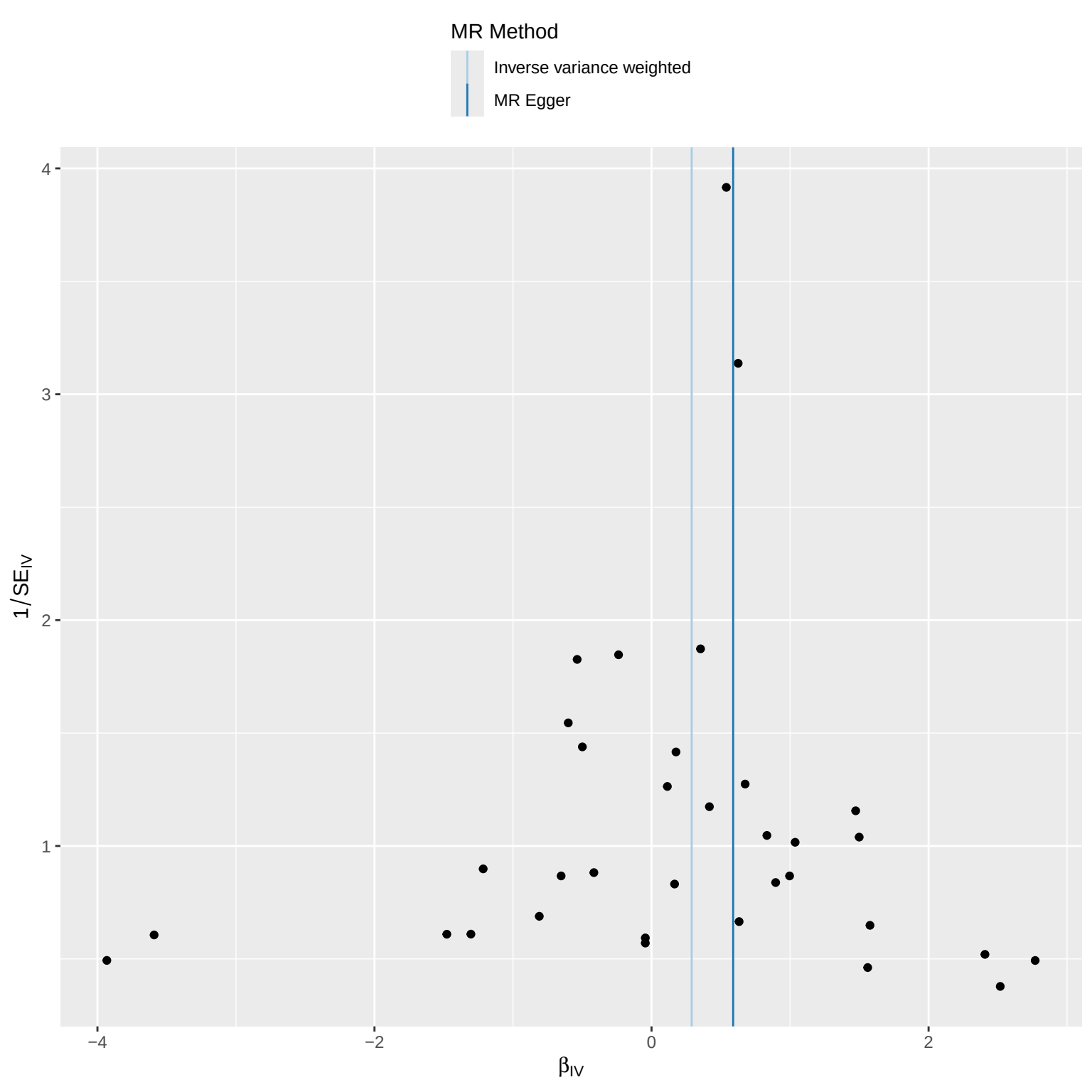

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

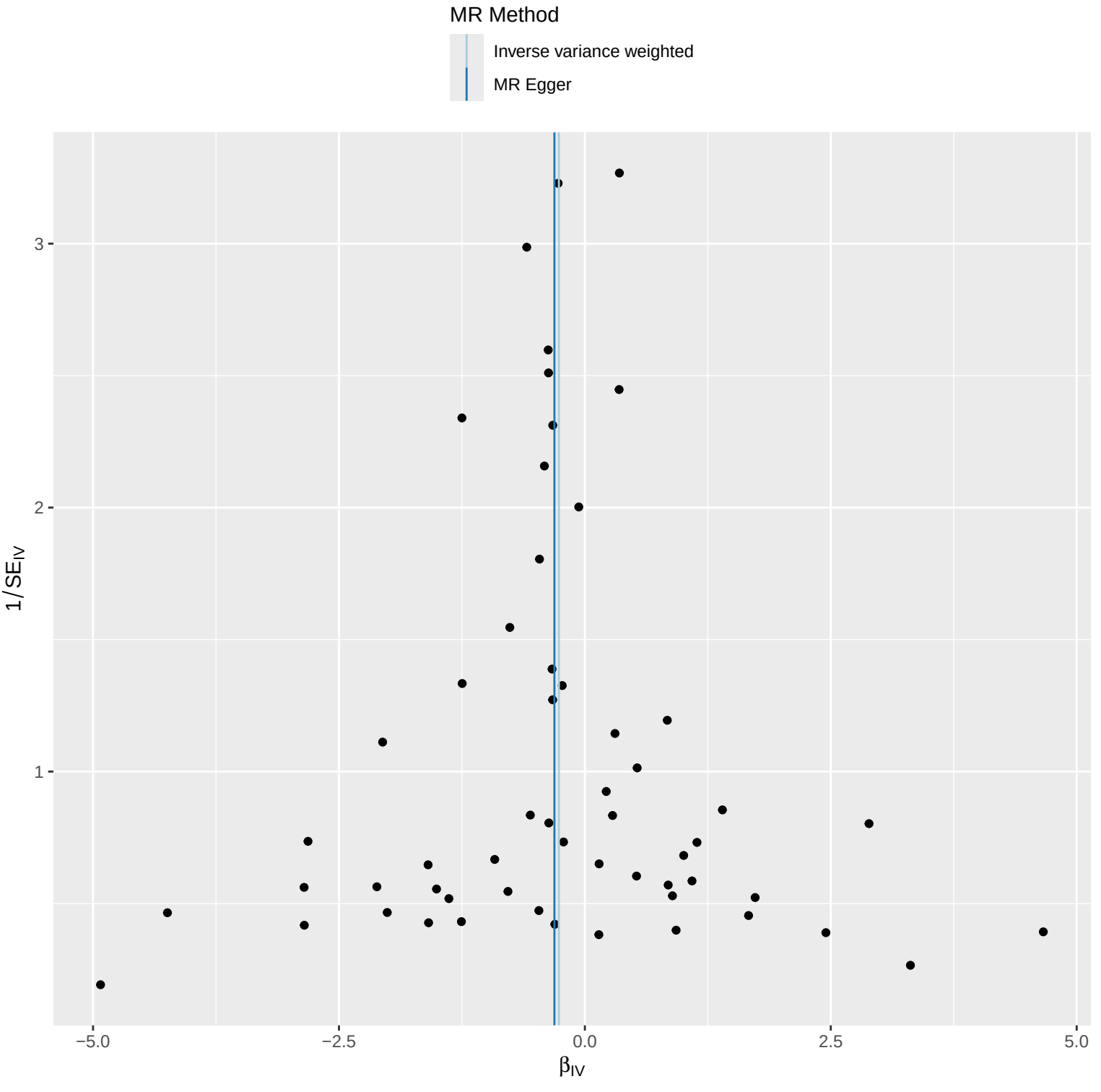

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

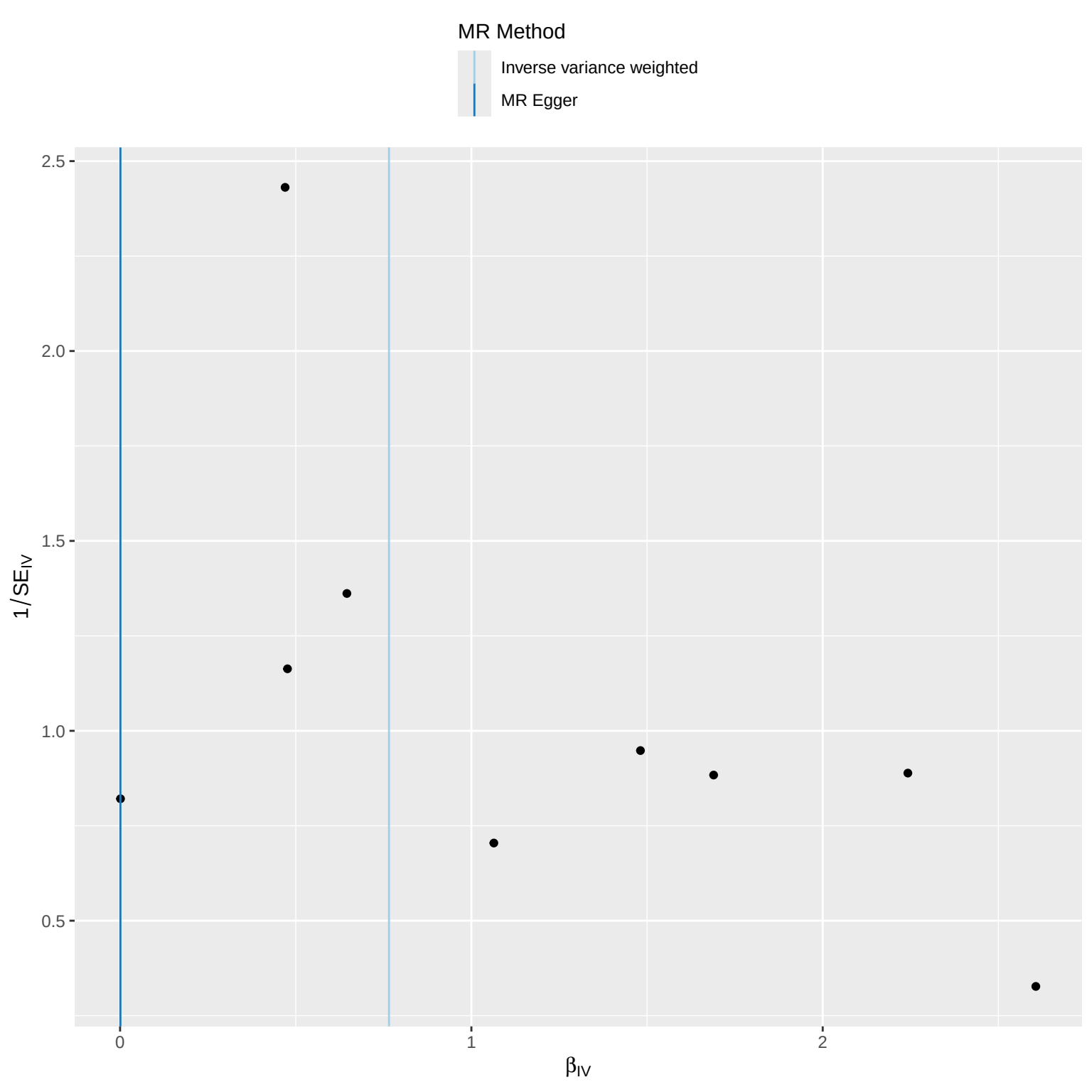

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
1/SE_IV
−1
0
1
2
3
4
5
β_IV

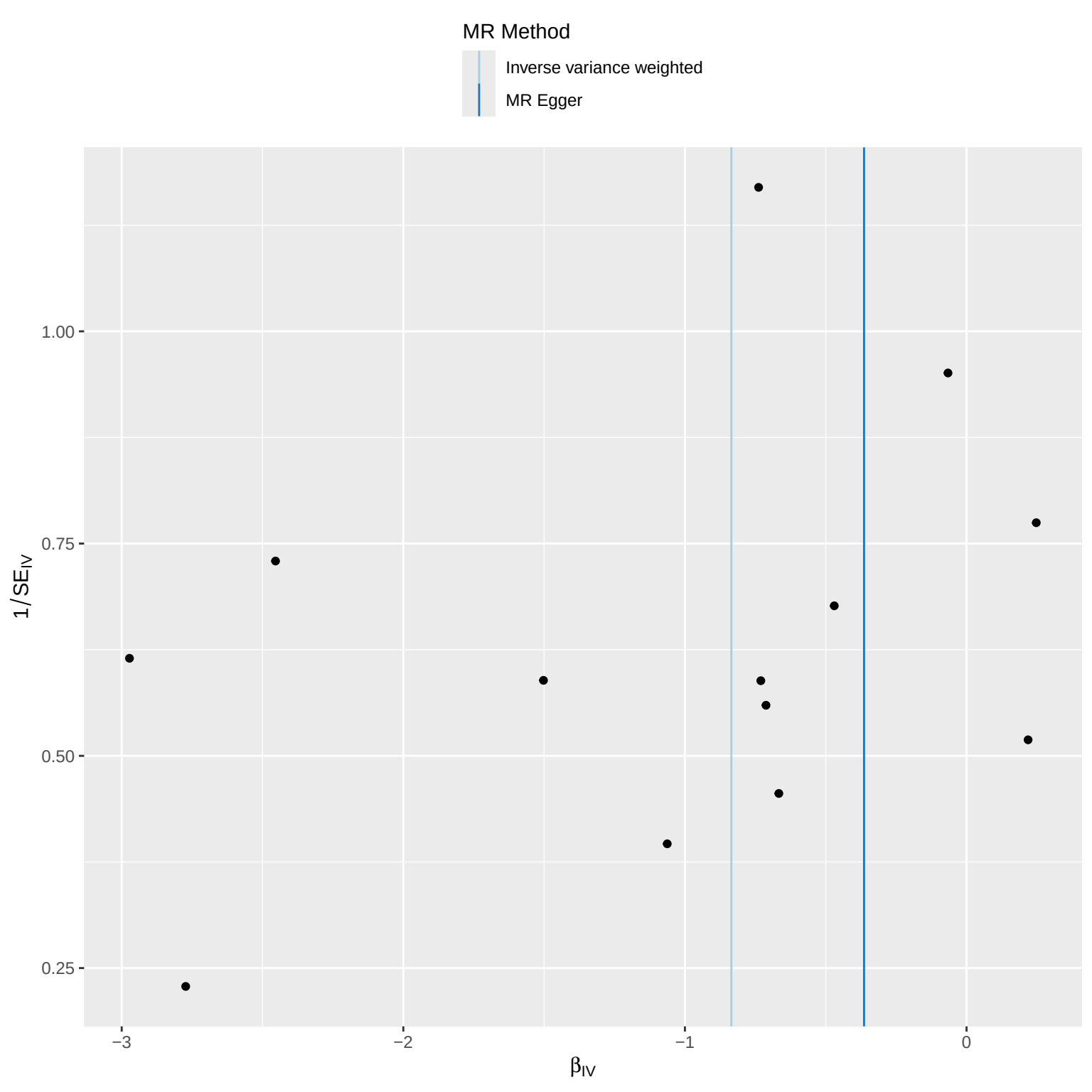

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

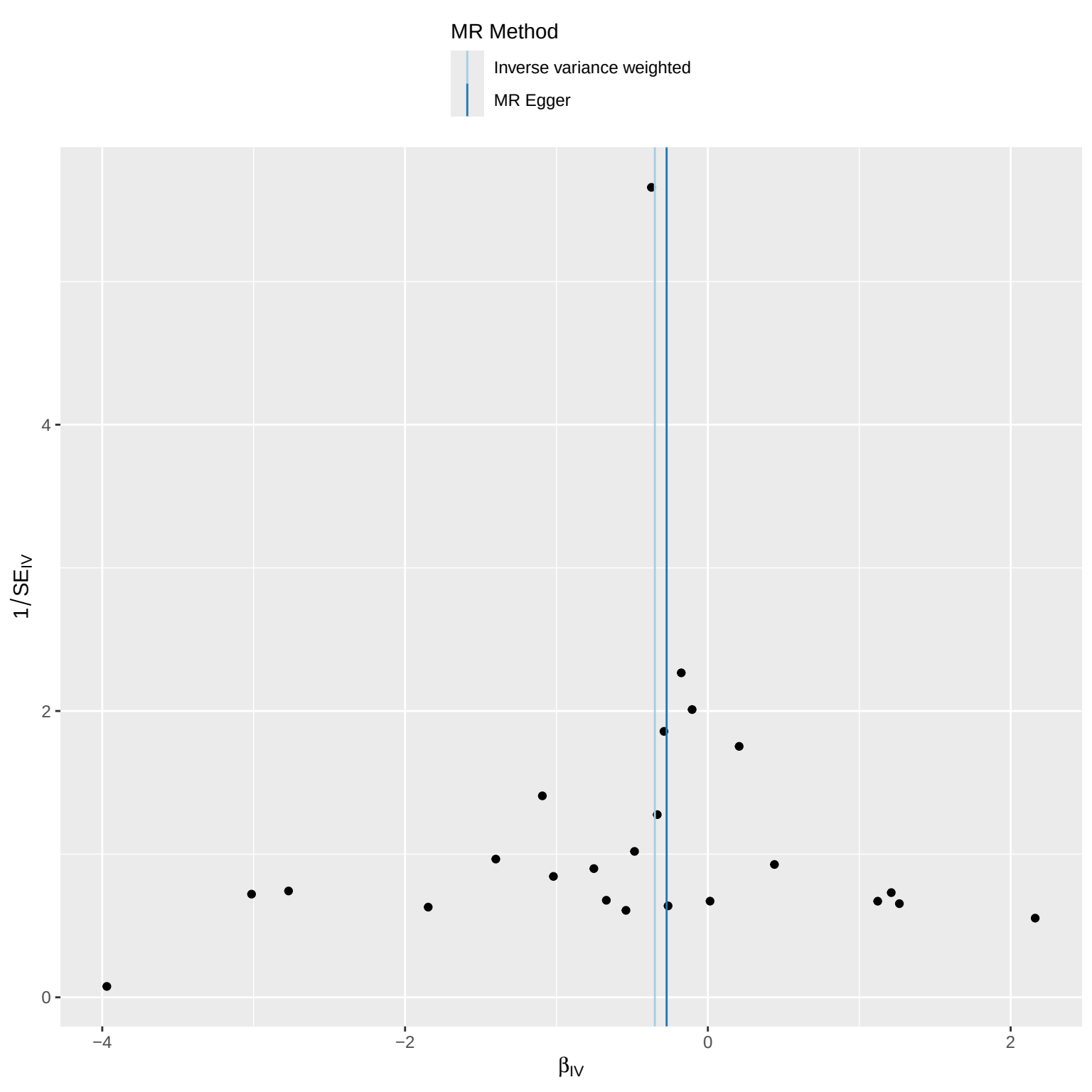

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

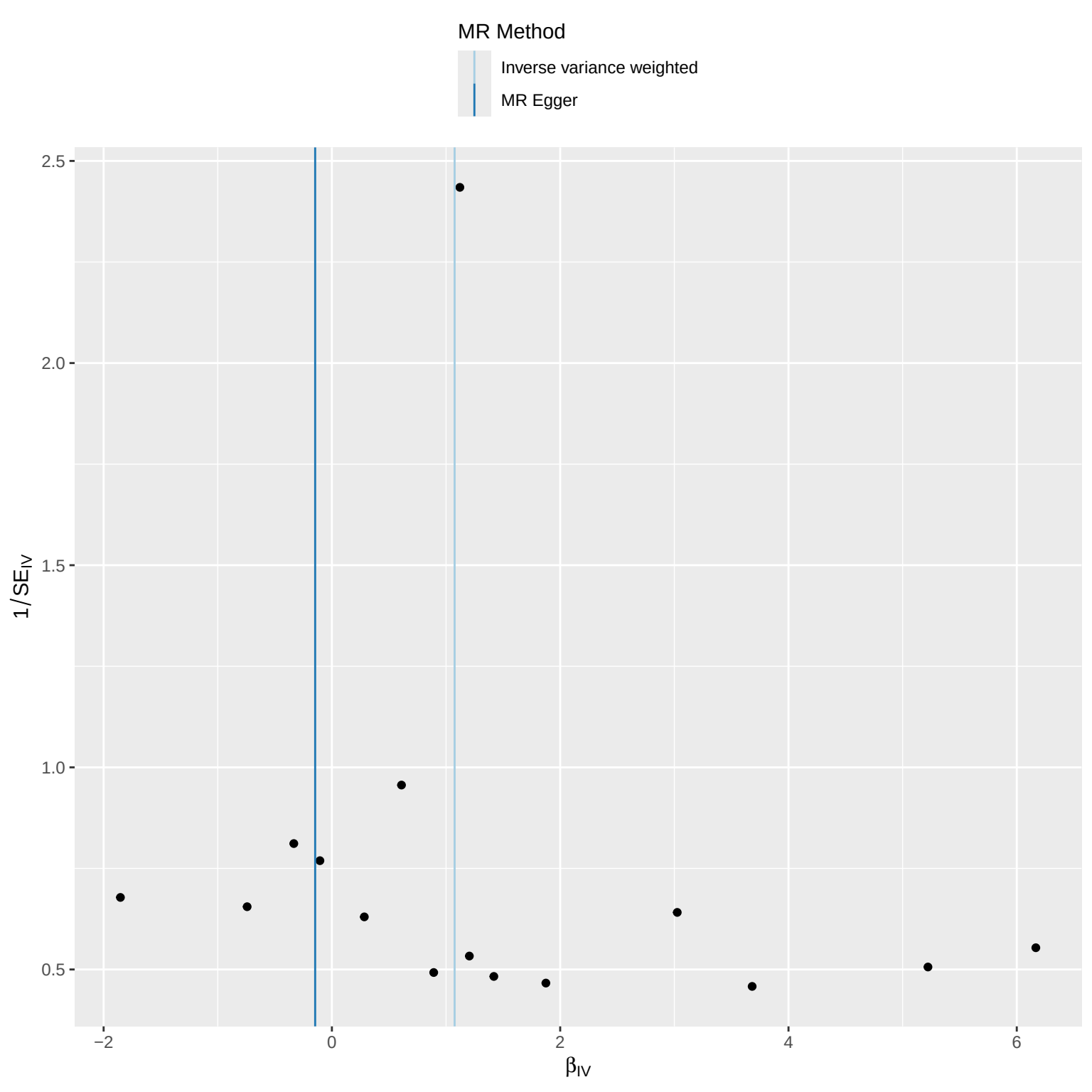

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

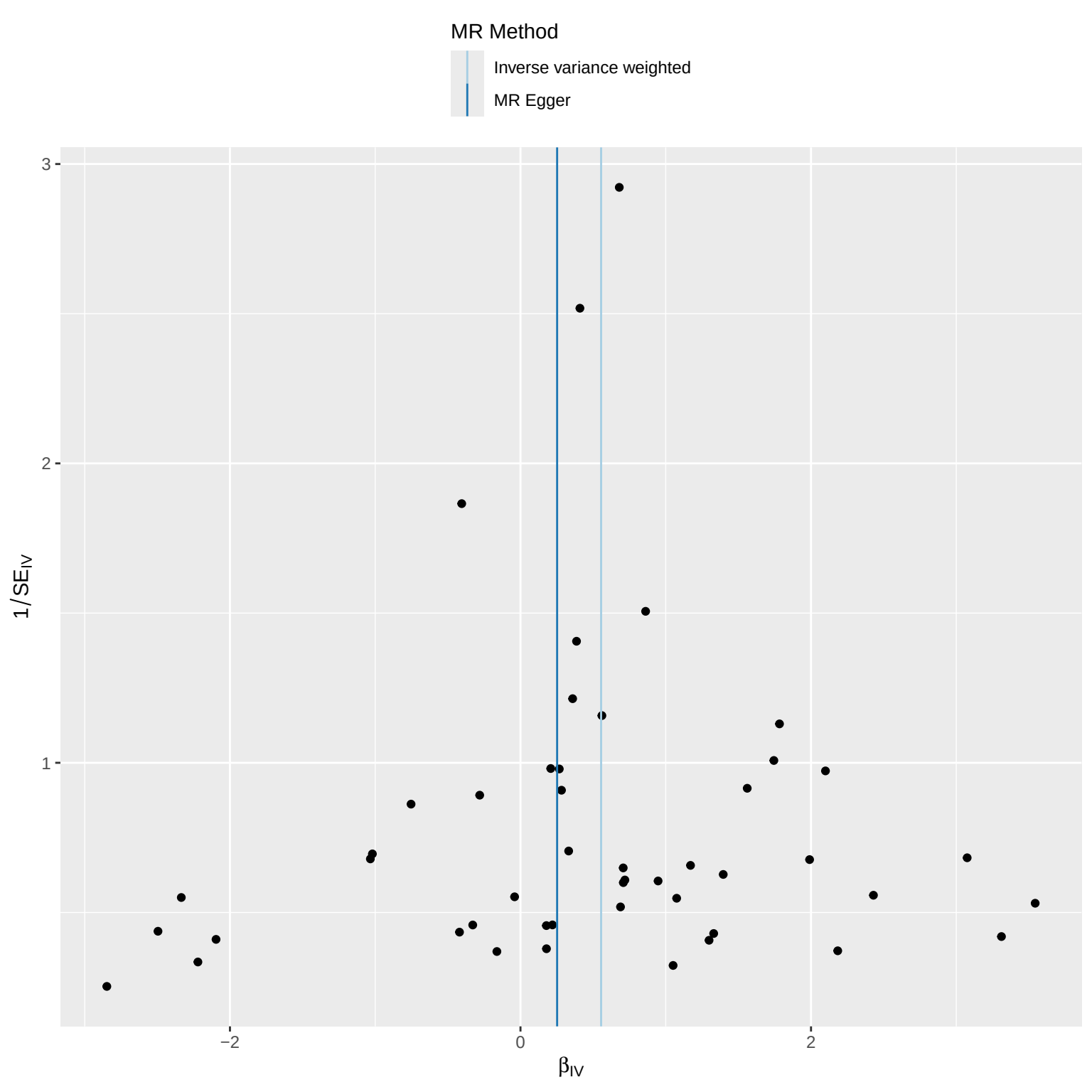

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

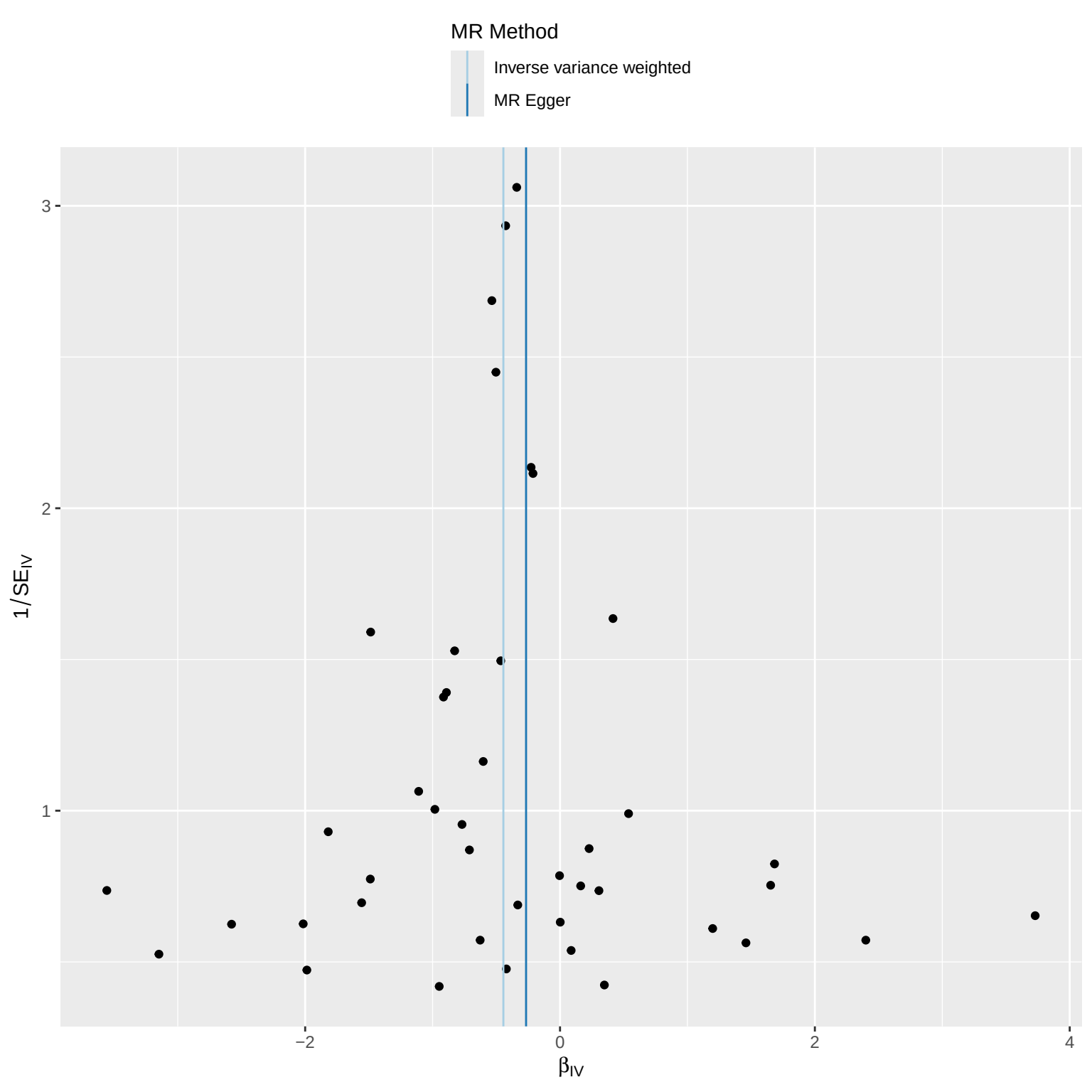

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

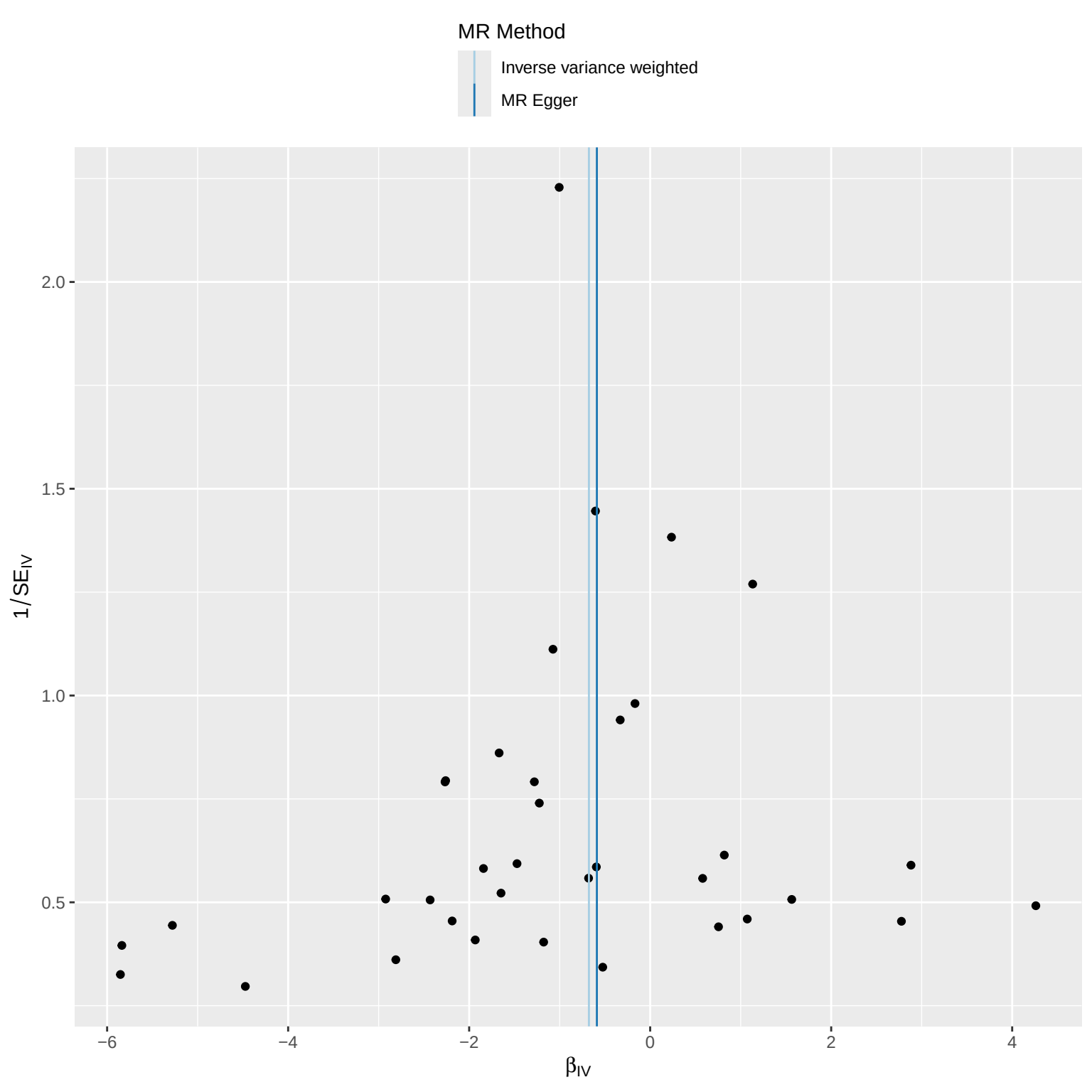

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
0.25
1/SE_IV
−3
−2
−1
0
β_IV

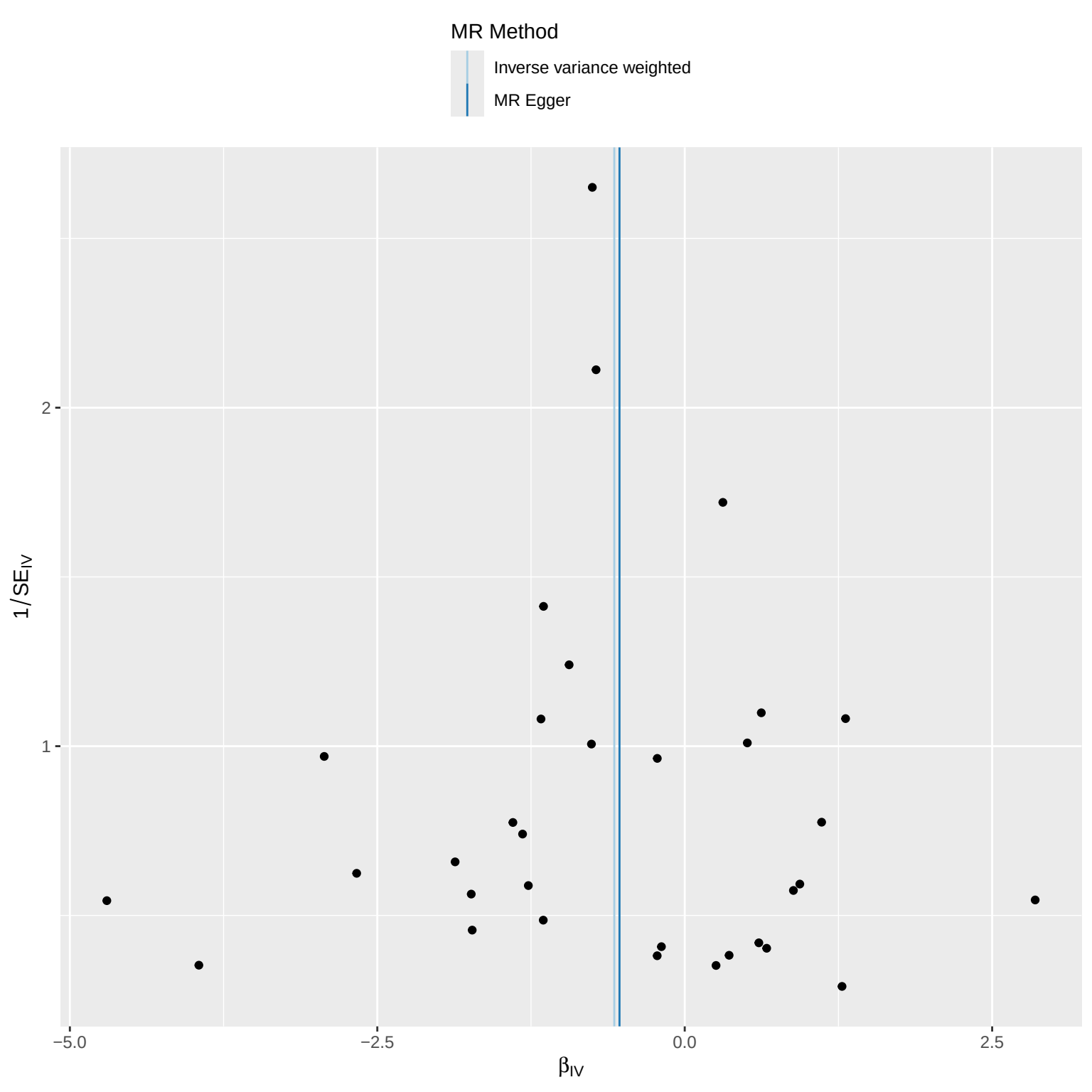

MR Method
Inverse variance weighted
MR Egger
4
2
0
1/SE_IV
−4
−2
0
2
β_IV

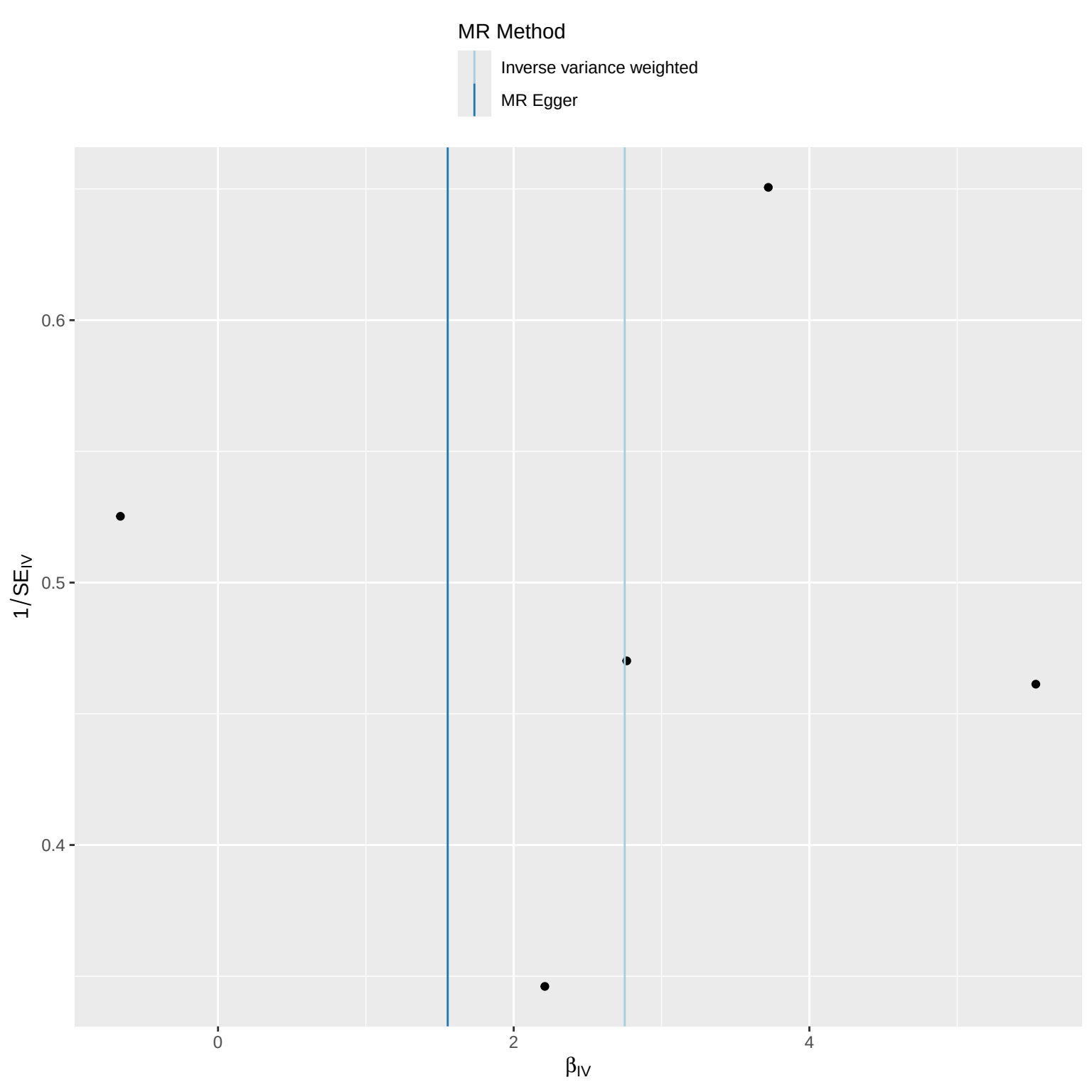

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
6
β_IV

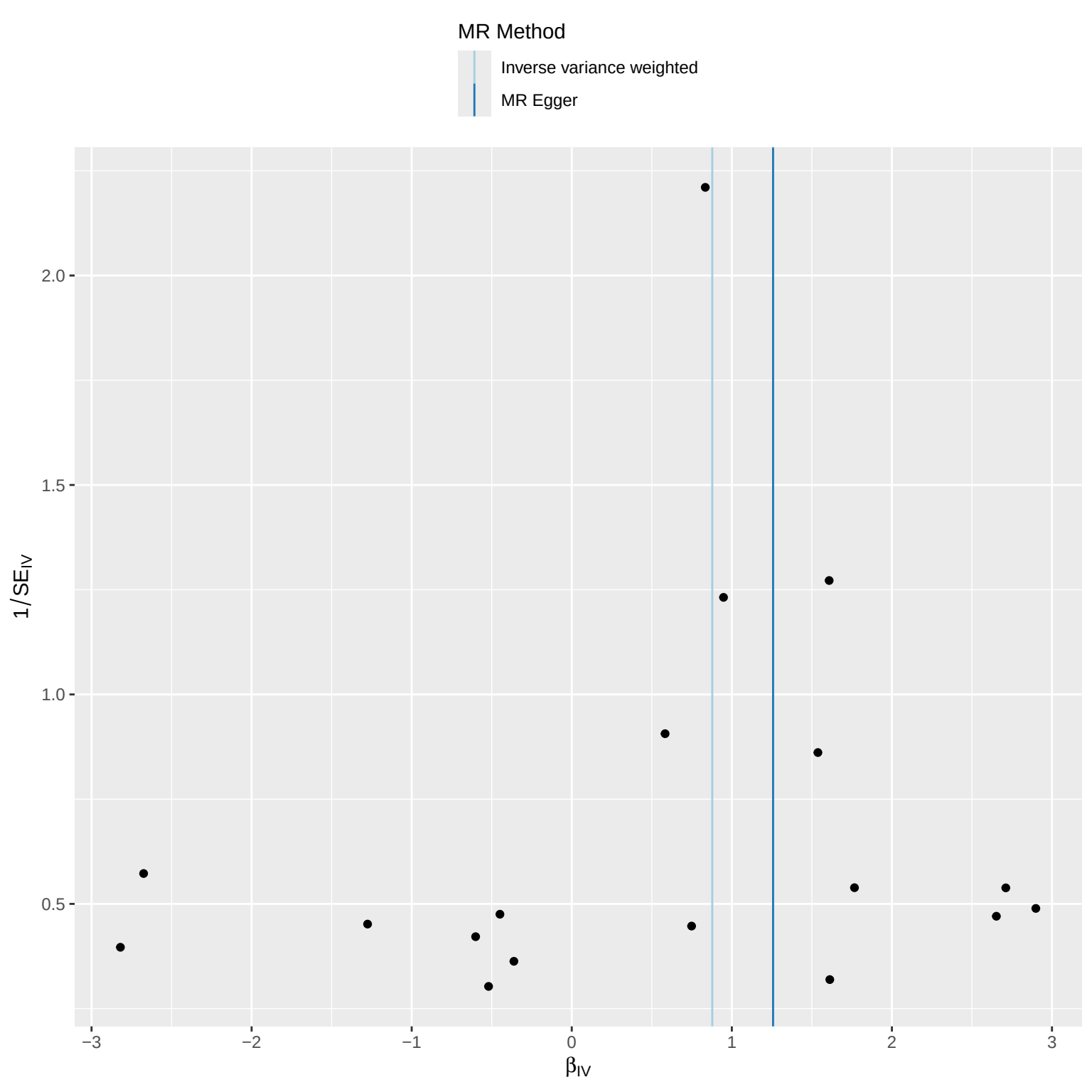

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

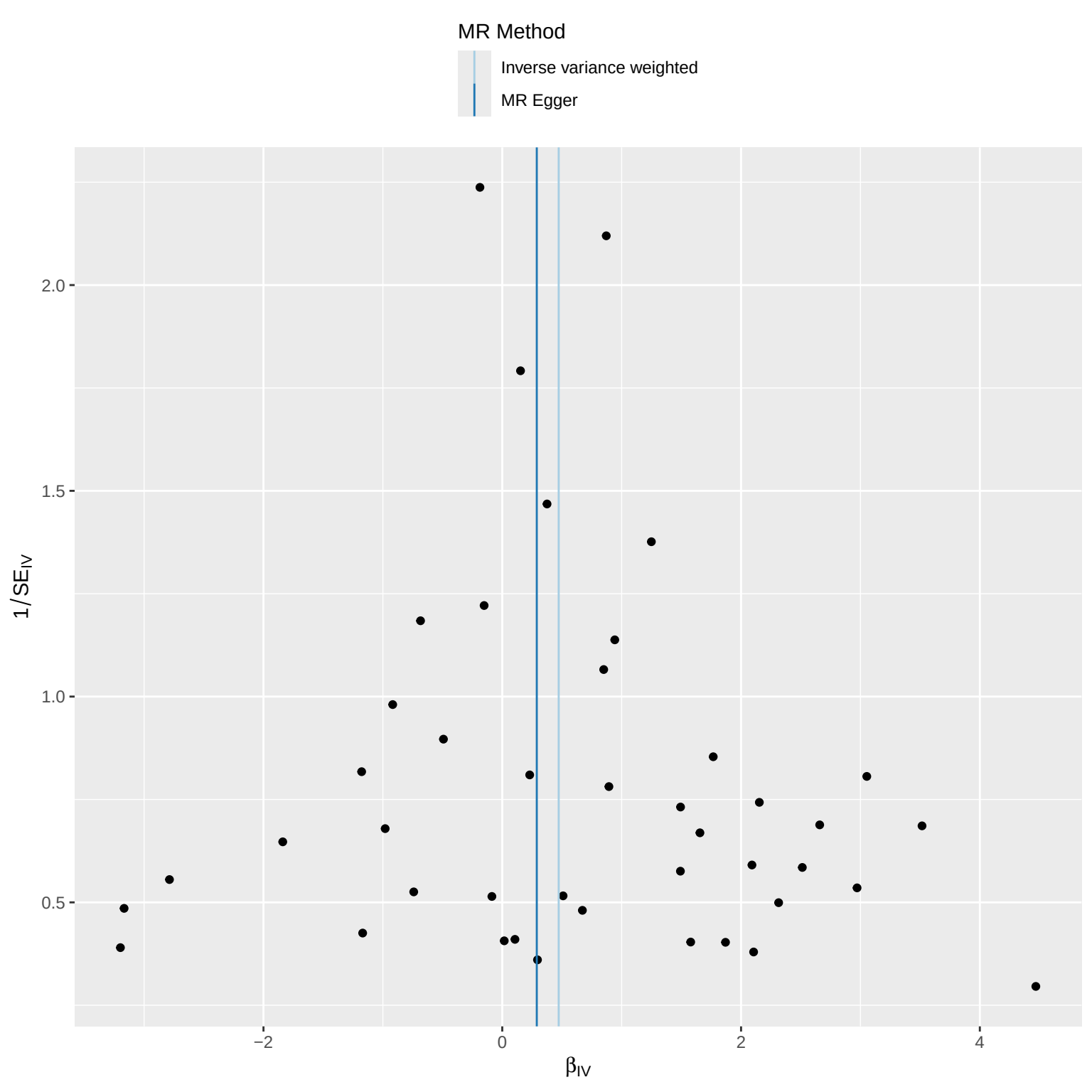

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

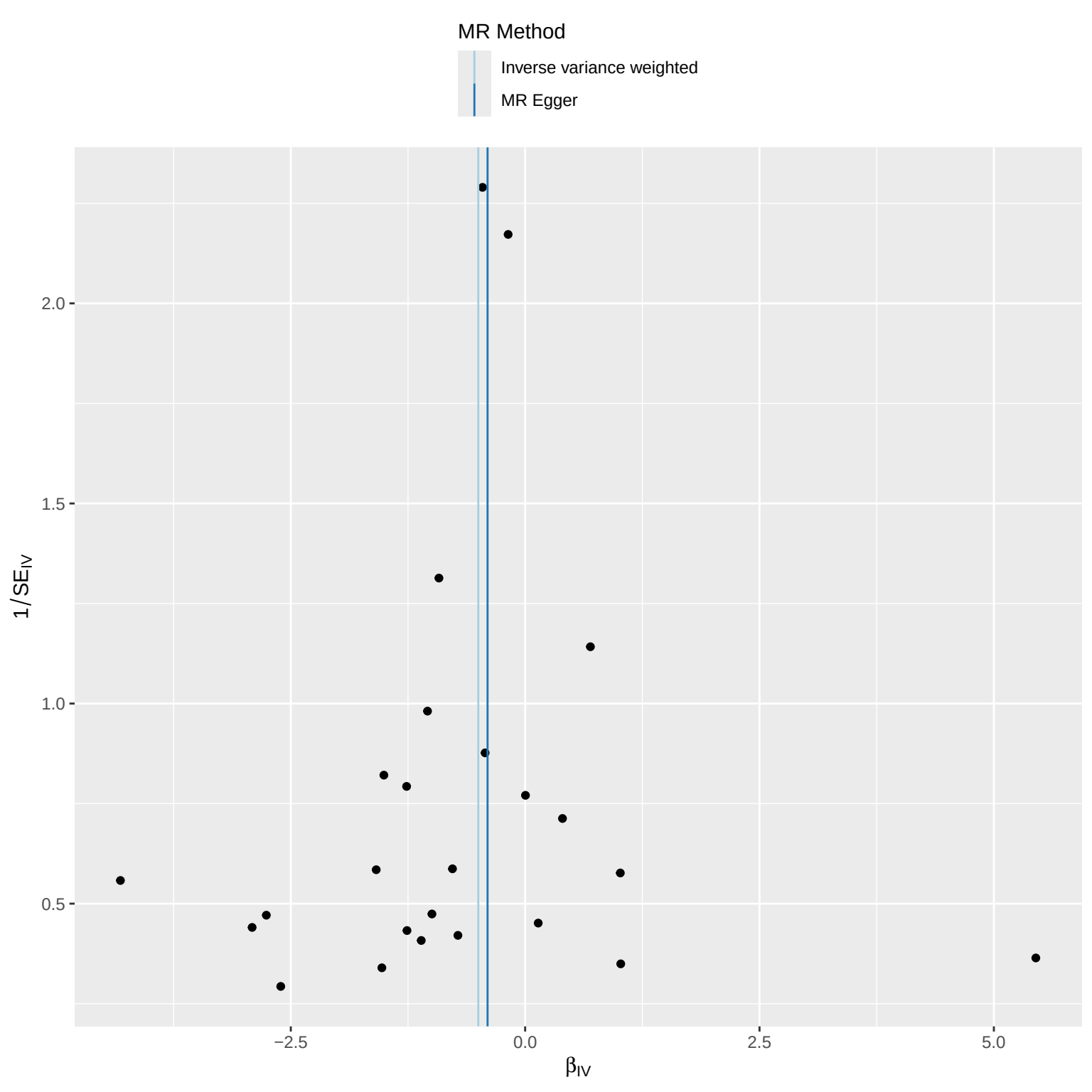

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
4
β_IV

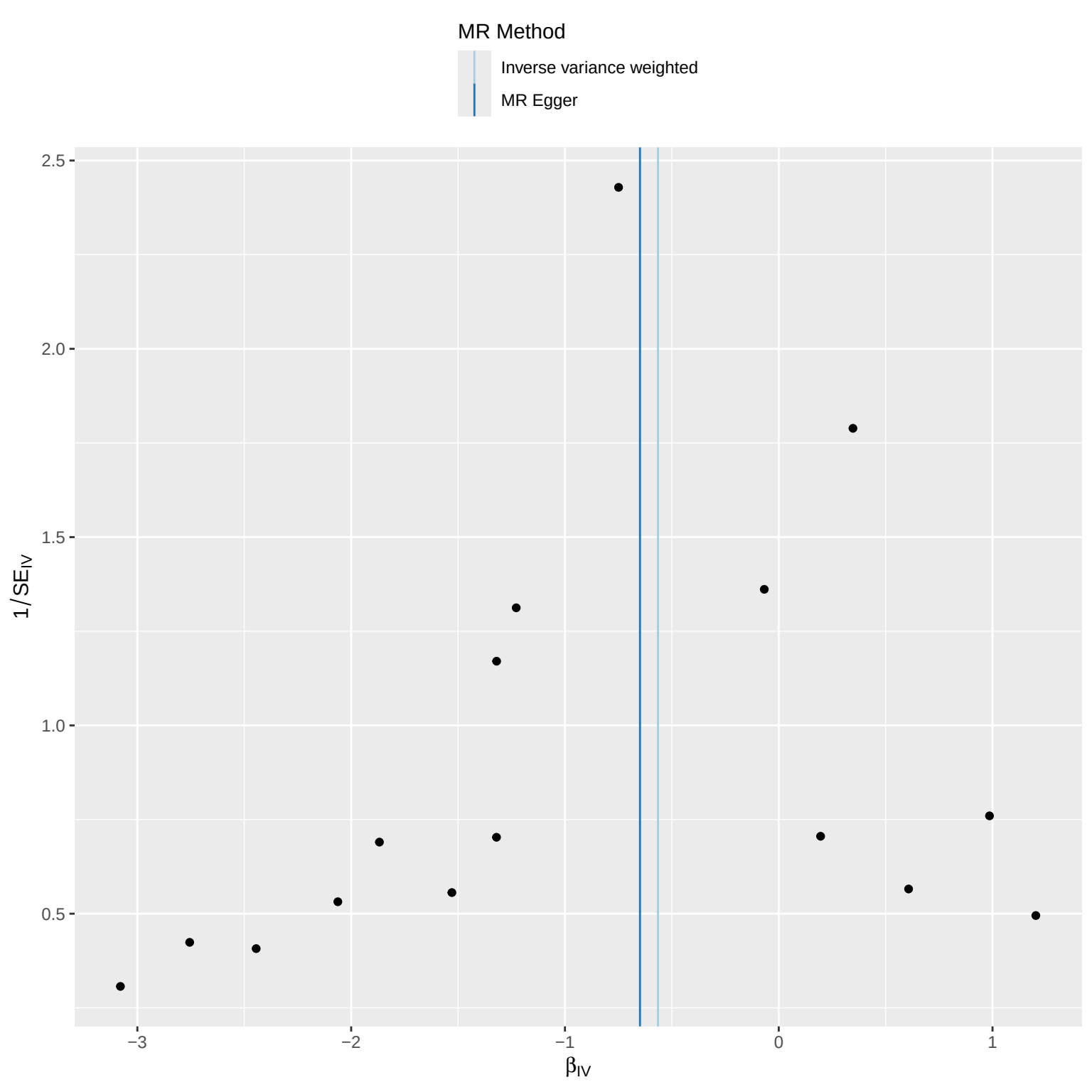

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

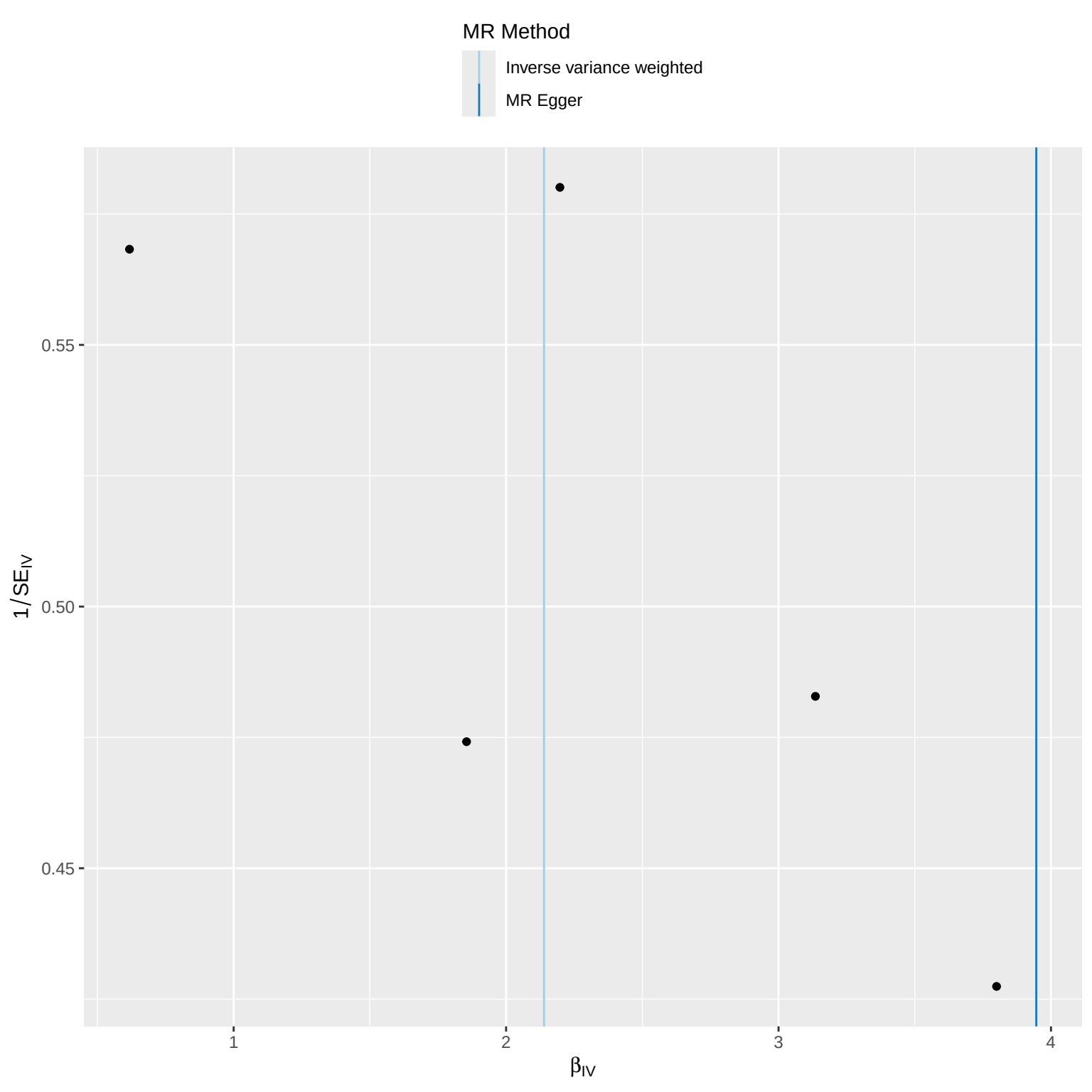

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
1/SE_IV
0
2
4
β_IV

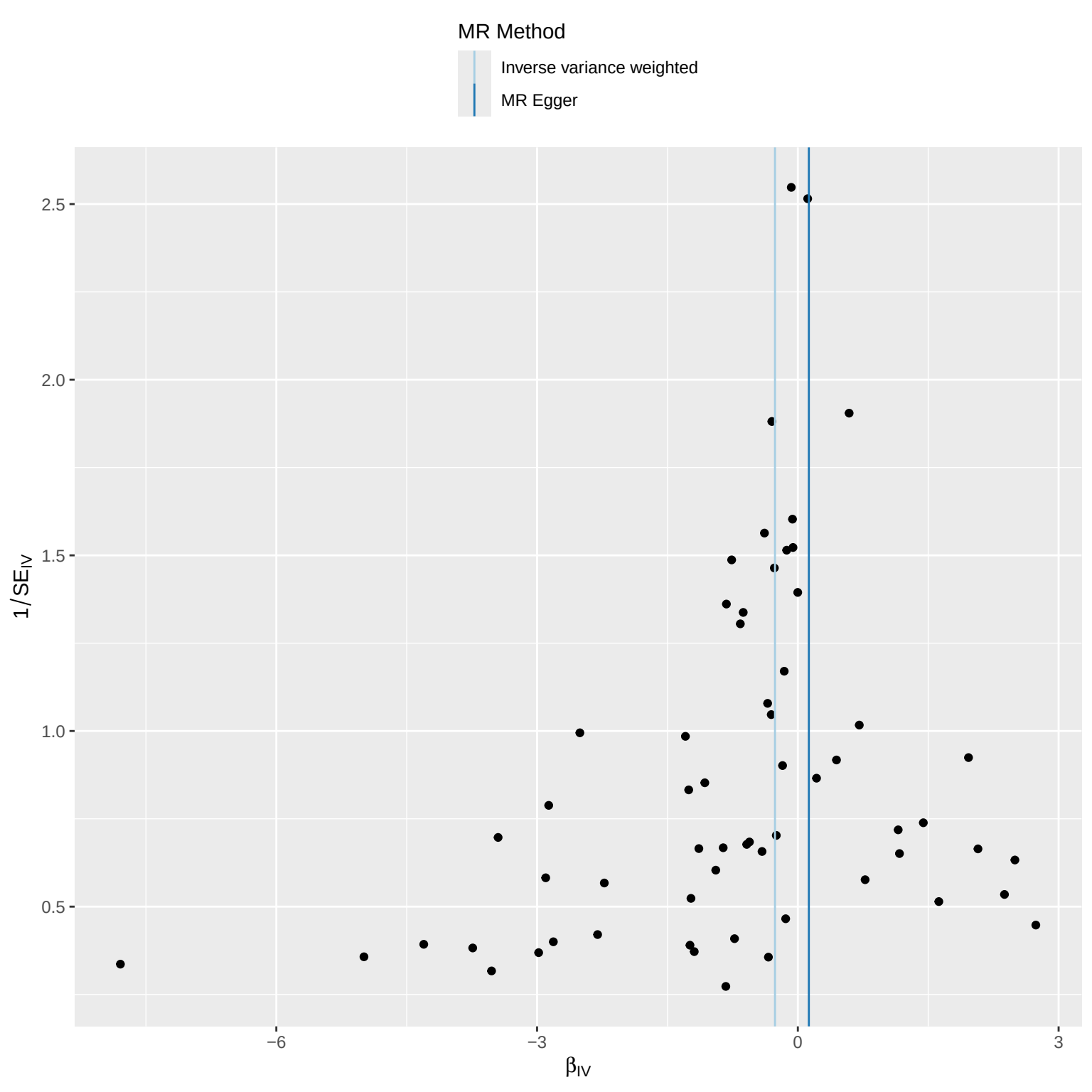

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

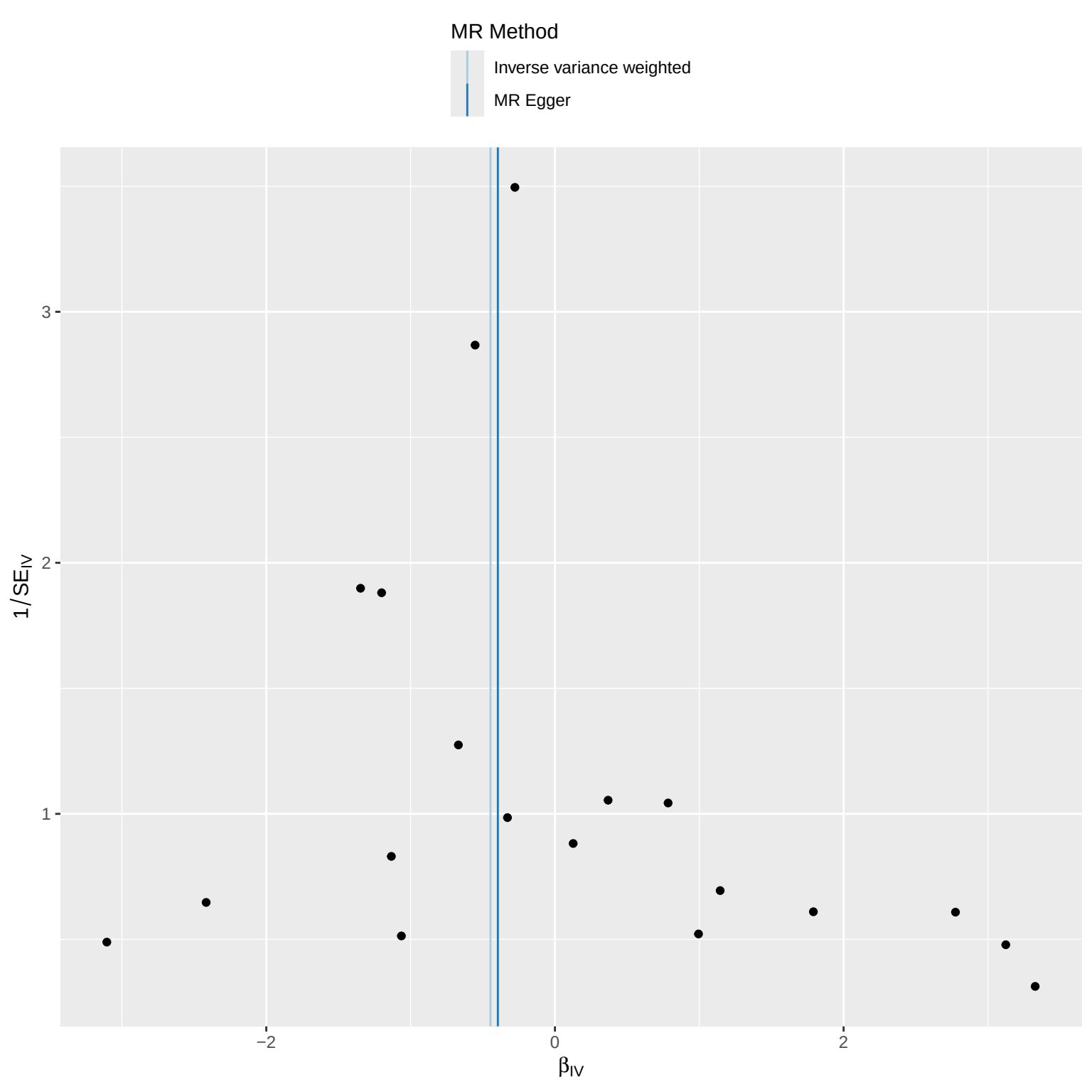

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

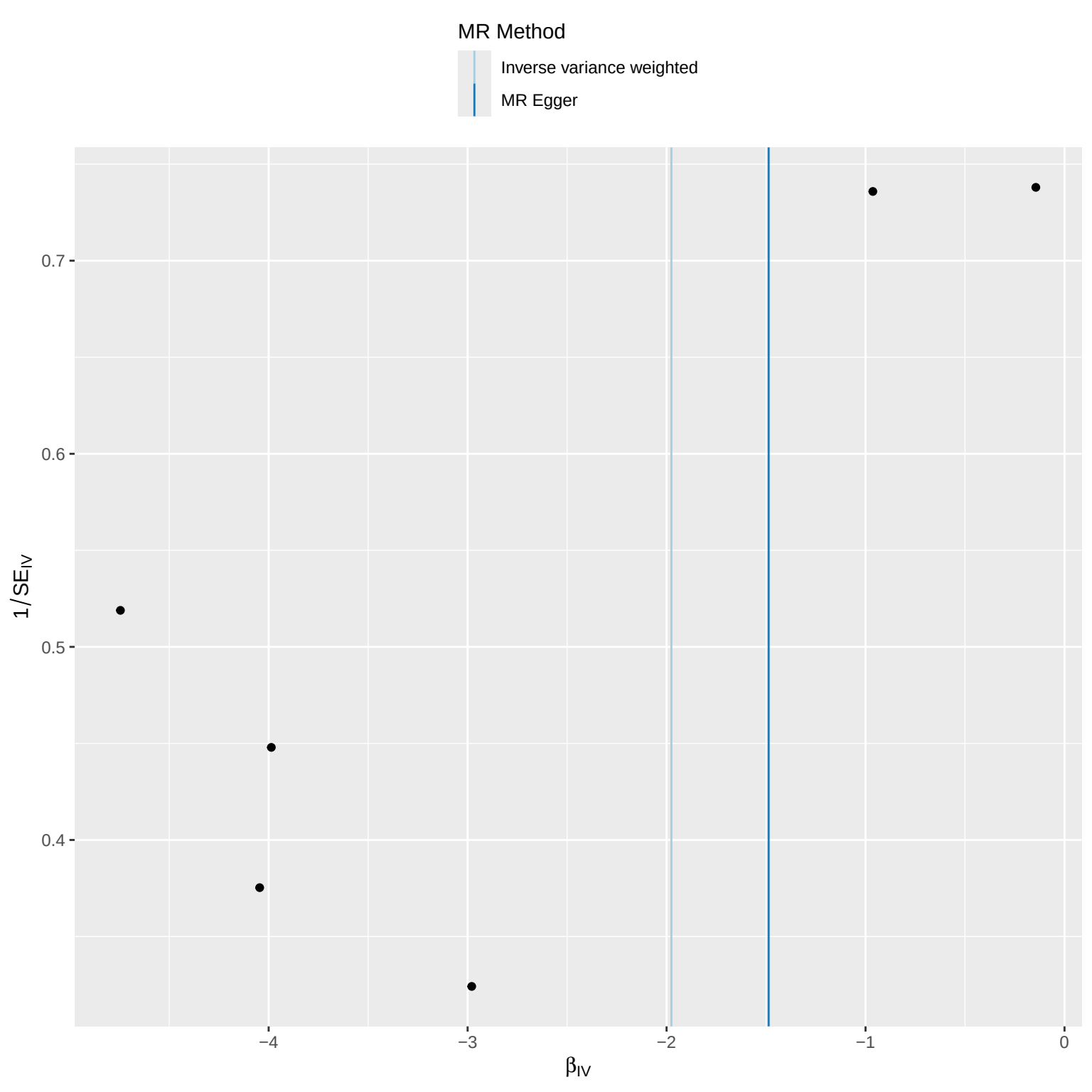

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

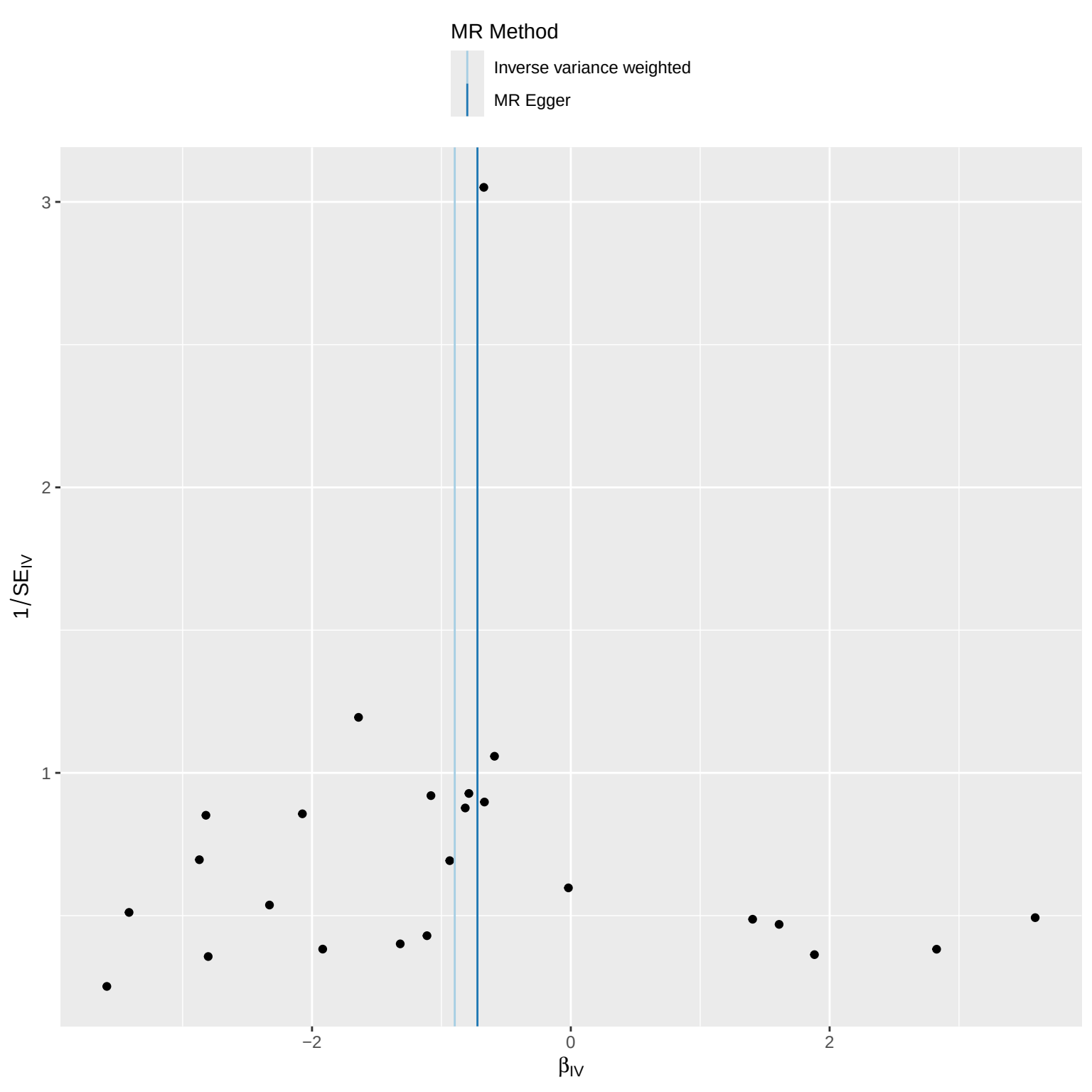

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

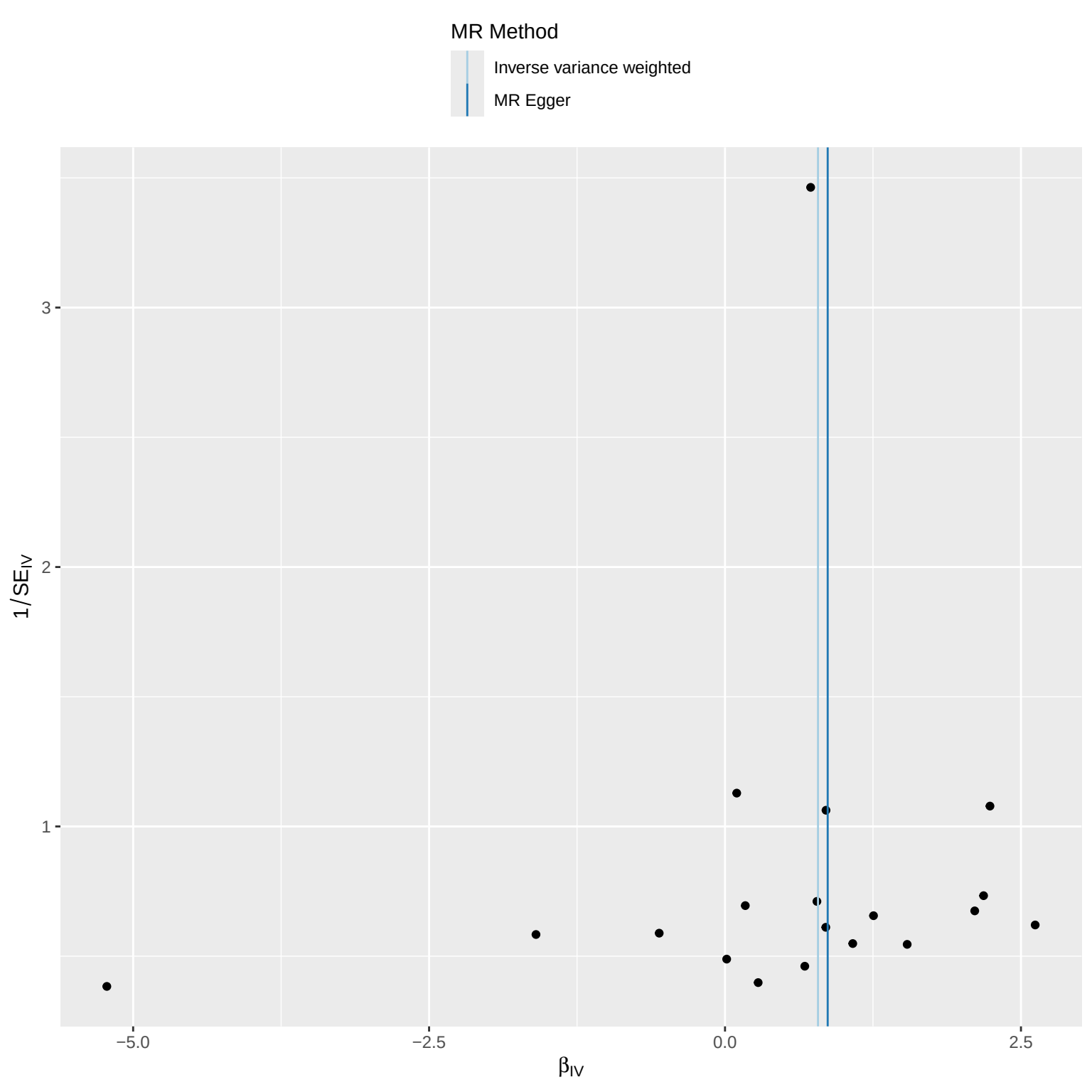

MR Method
Inverse variance weighted
MR Egger
0.55
0.50
0.45
1/SE_IV
1
2
3
4
β_IV

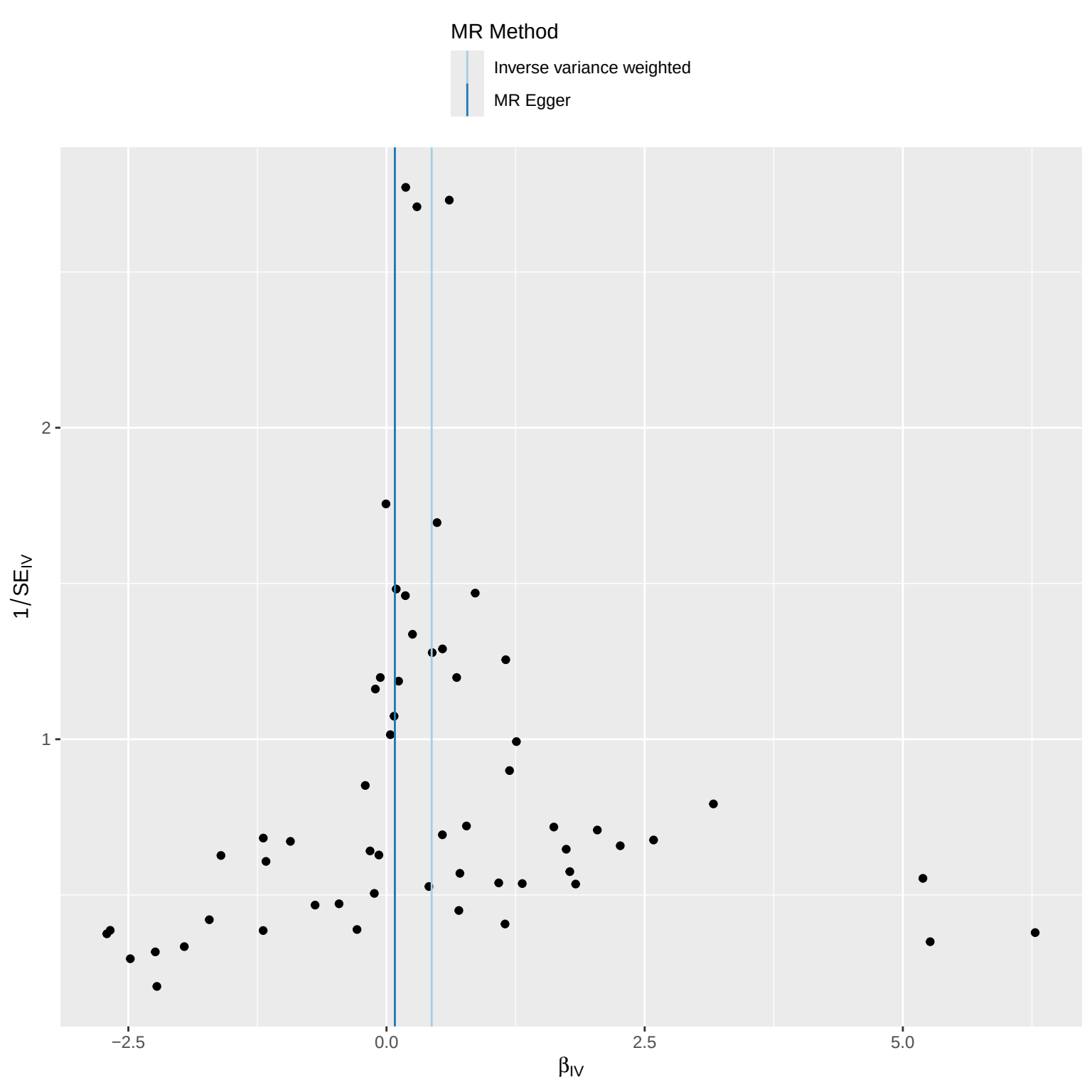

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−6
−3
0
3
β_IV

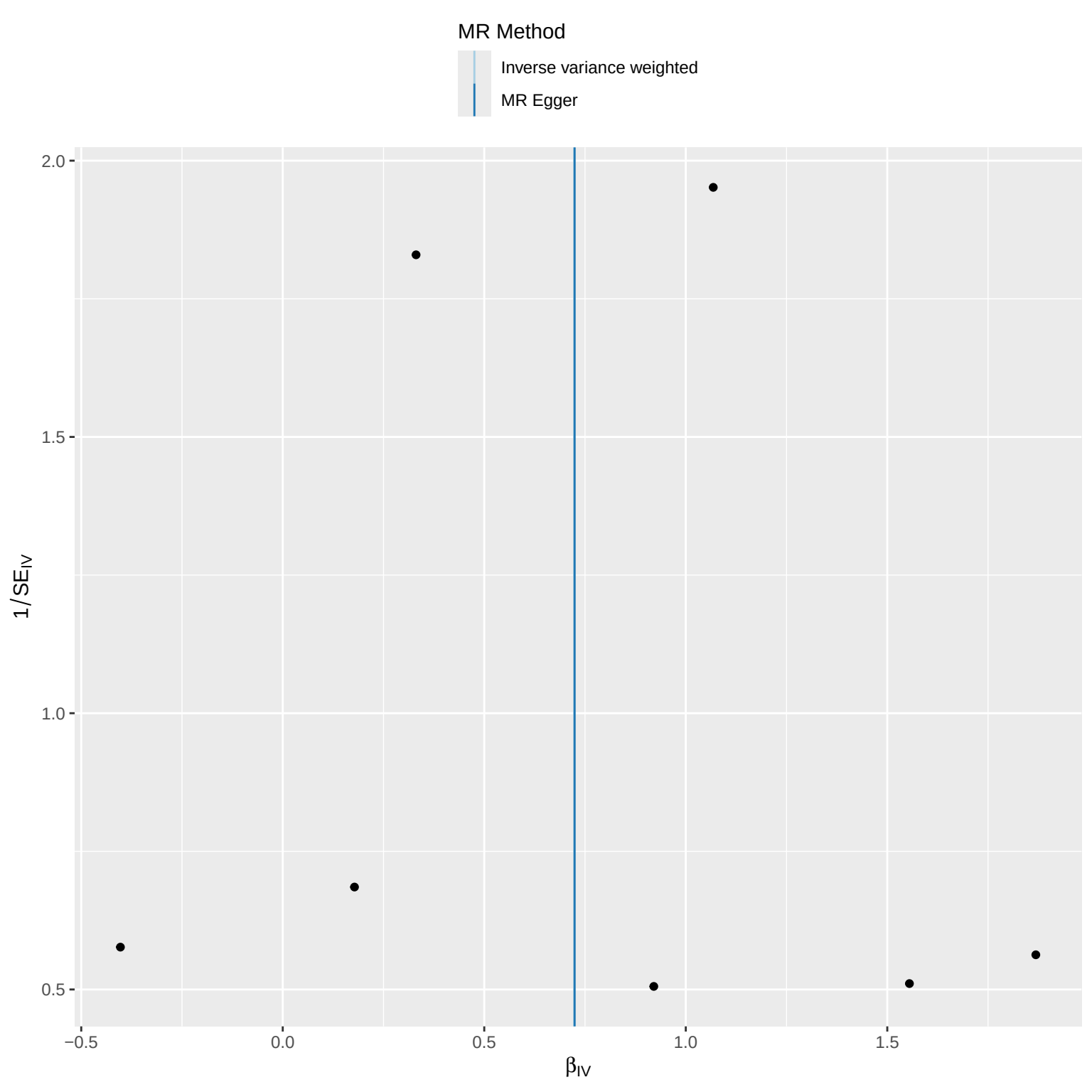

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

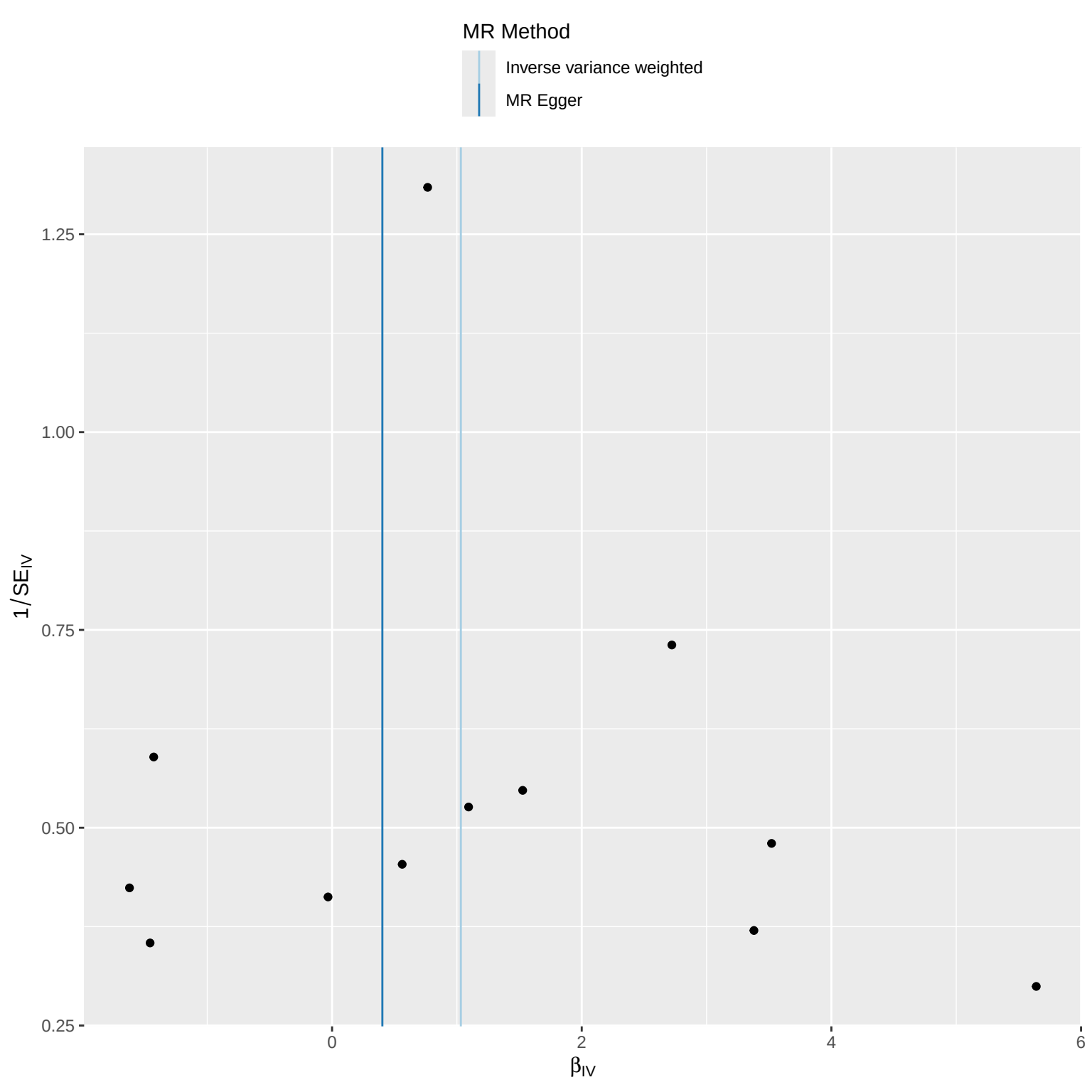

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

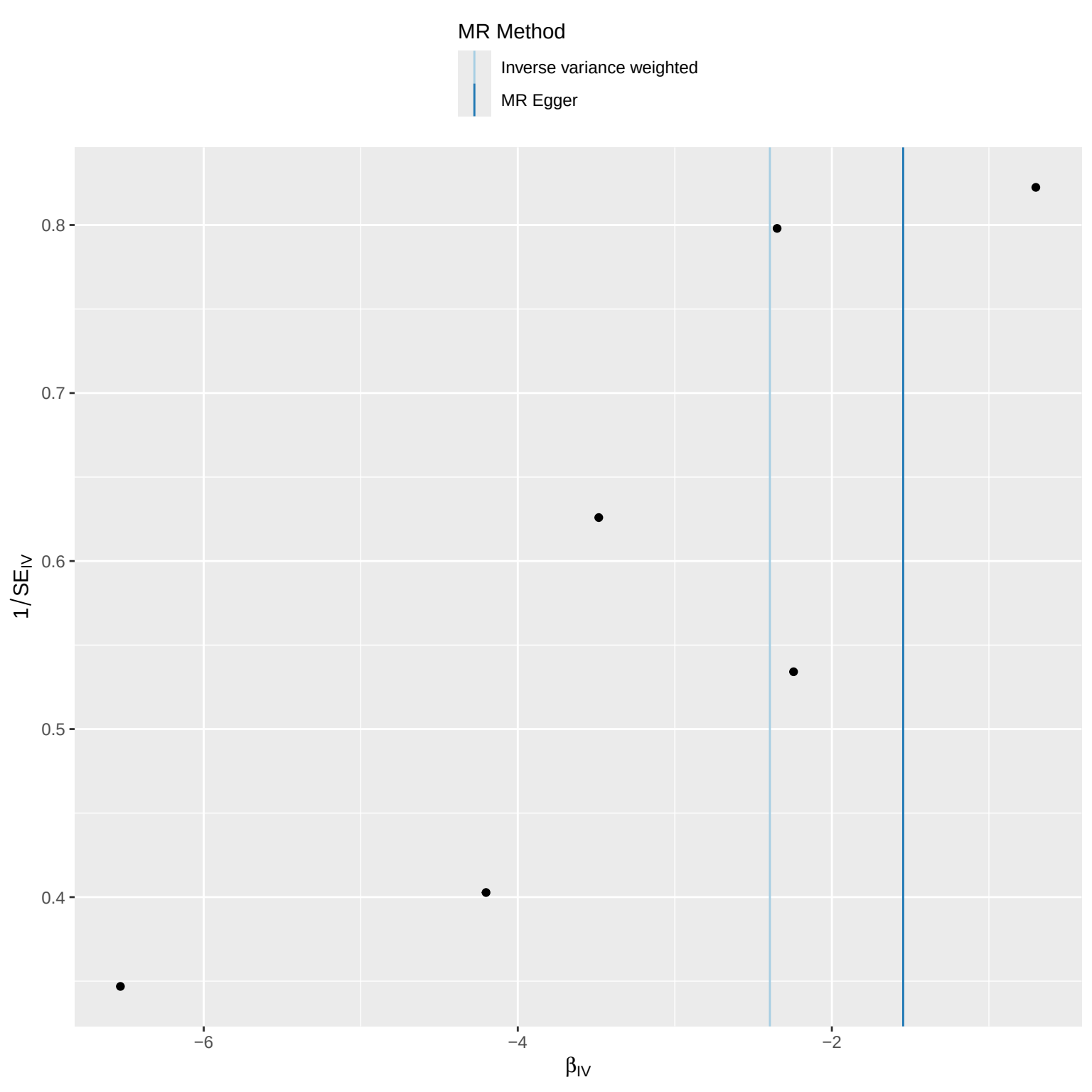

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

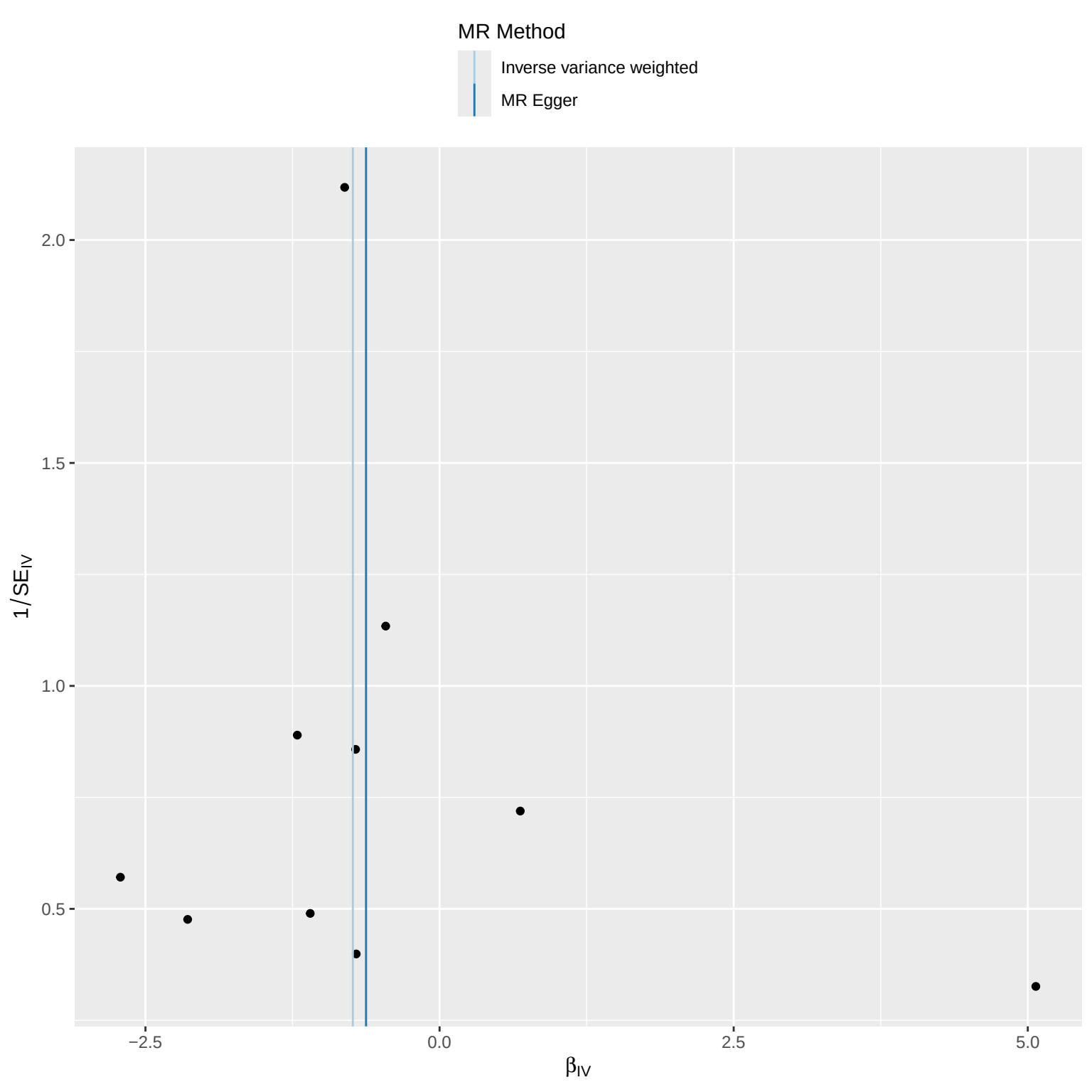

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

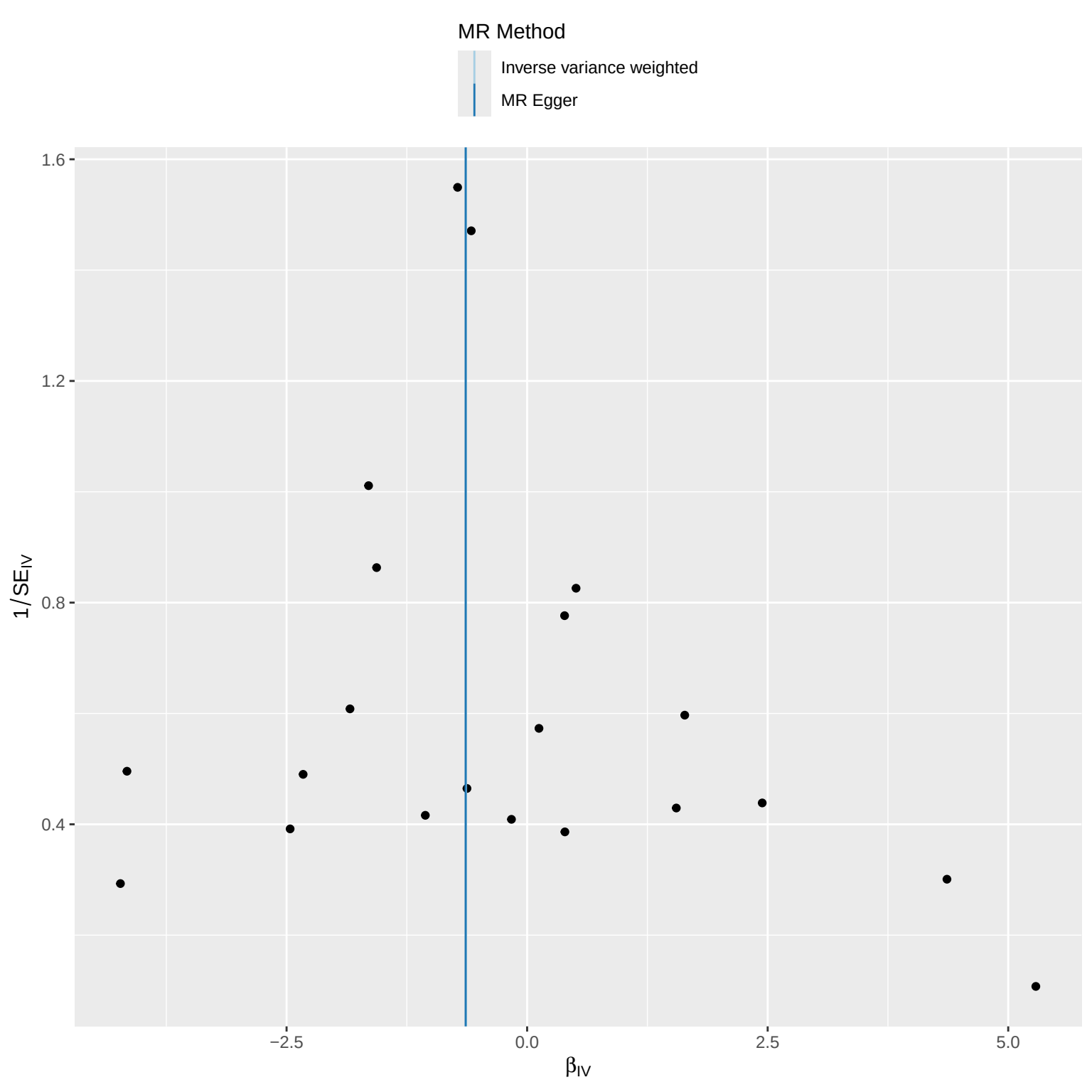

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

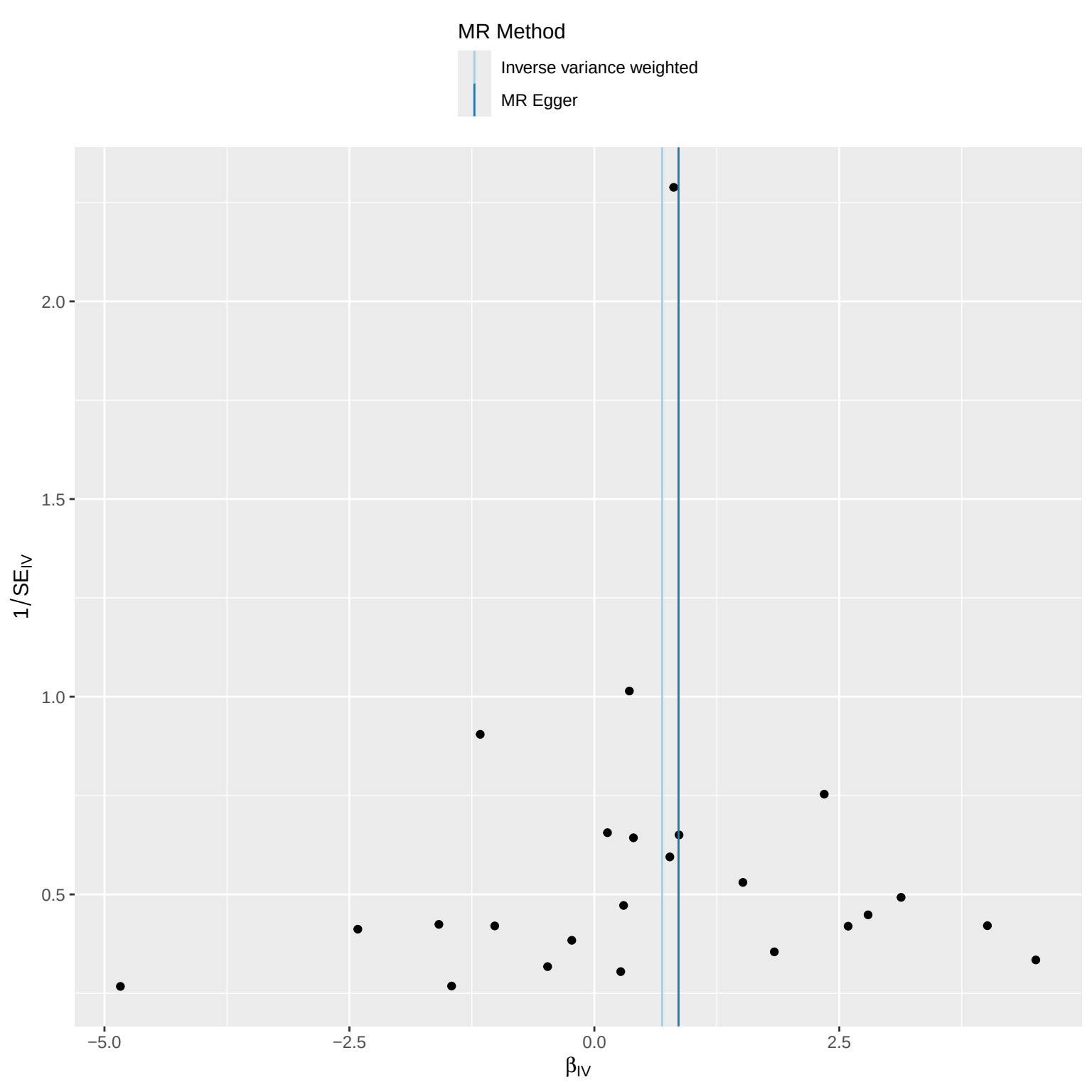

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

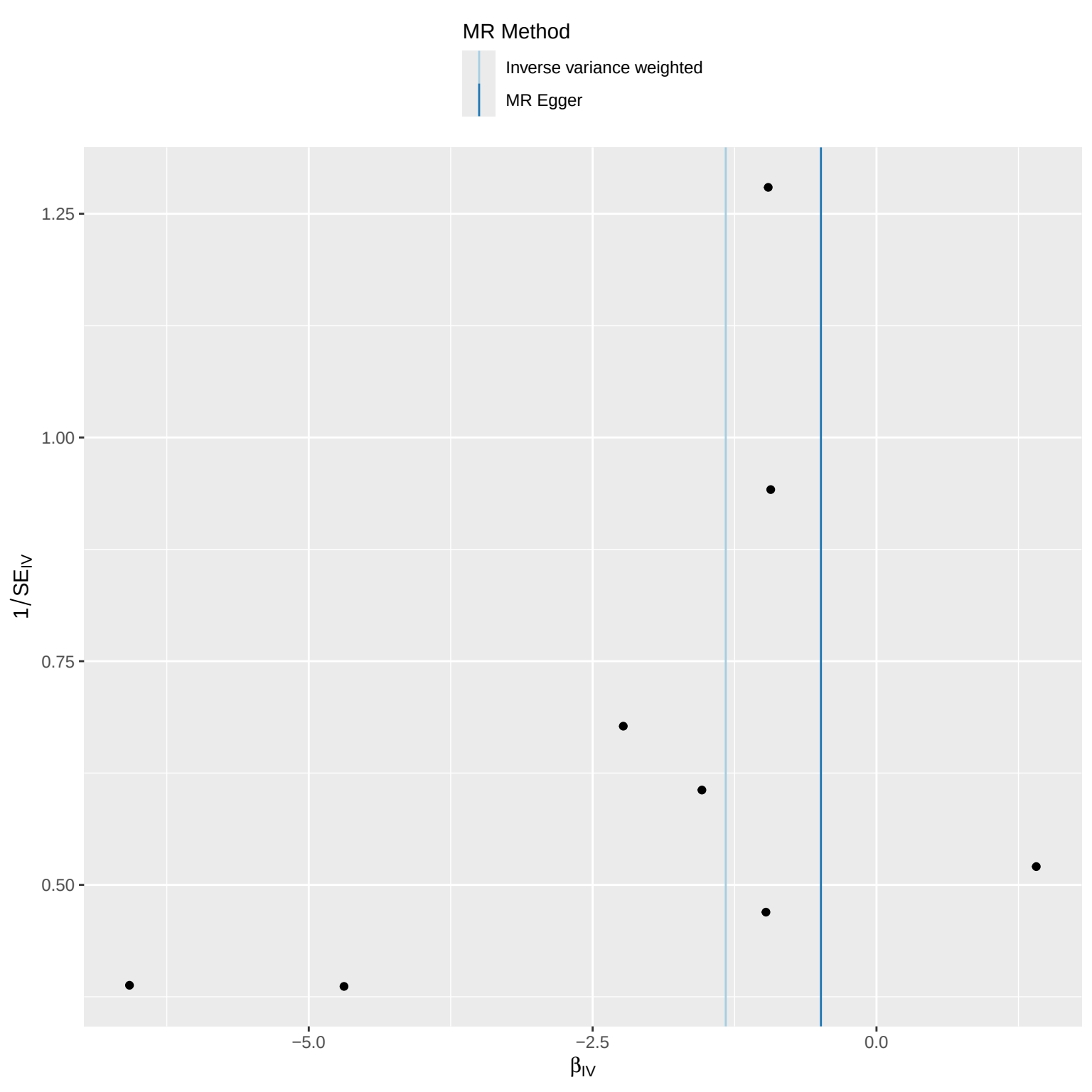

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
0
2
4
6
β_IV

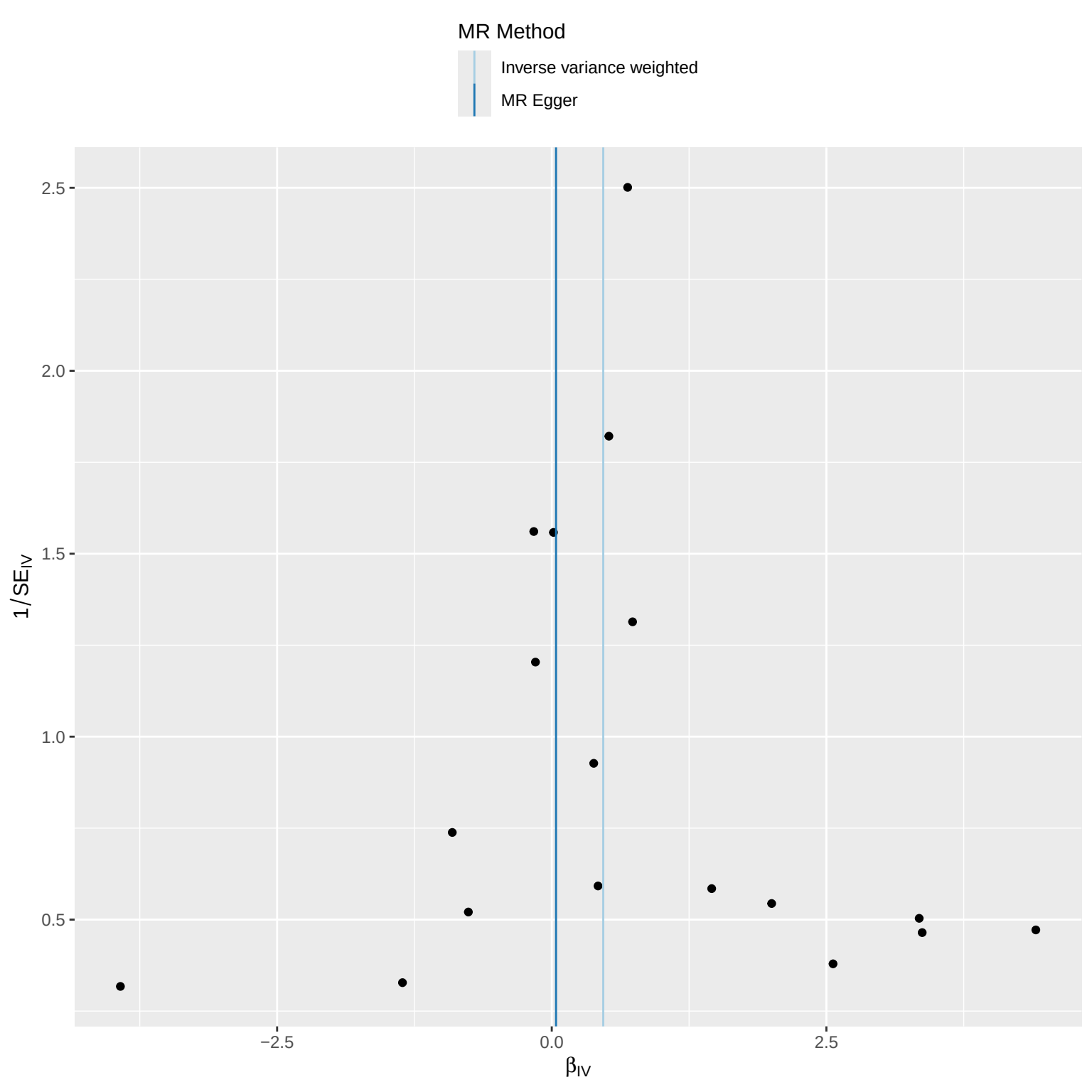

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−6
−4
−2
β_IV

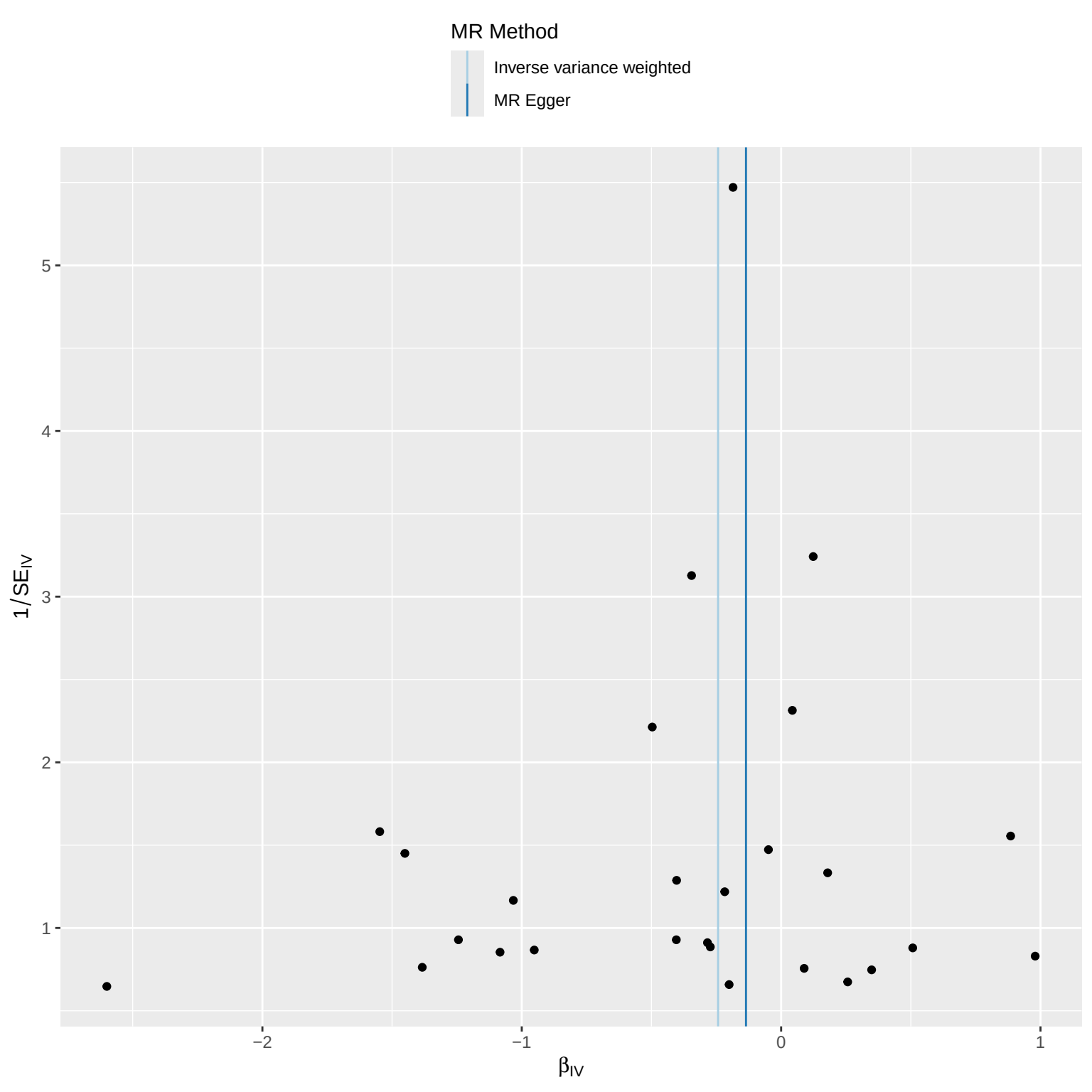

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

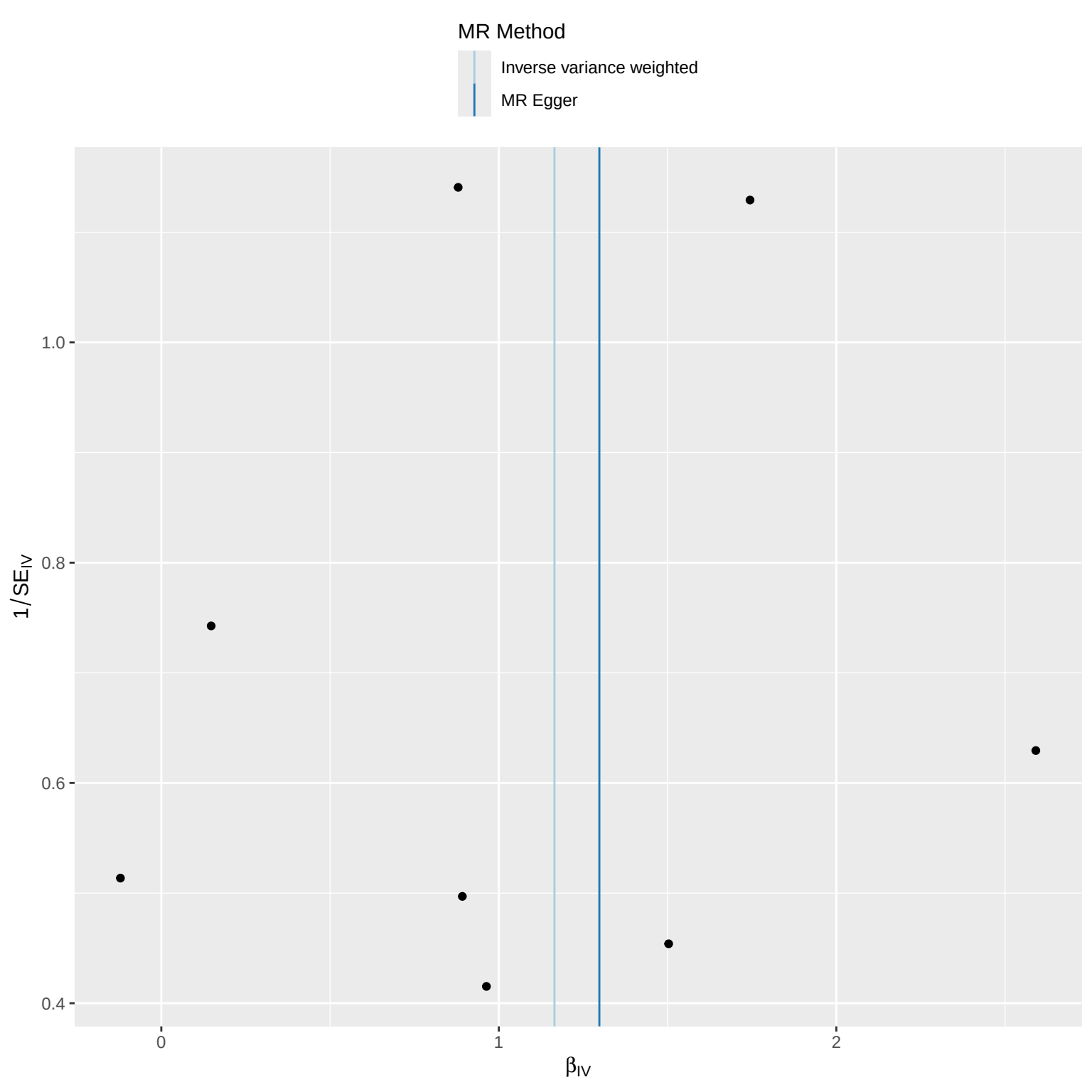

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

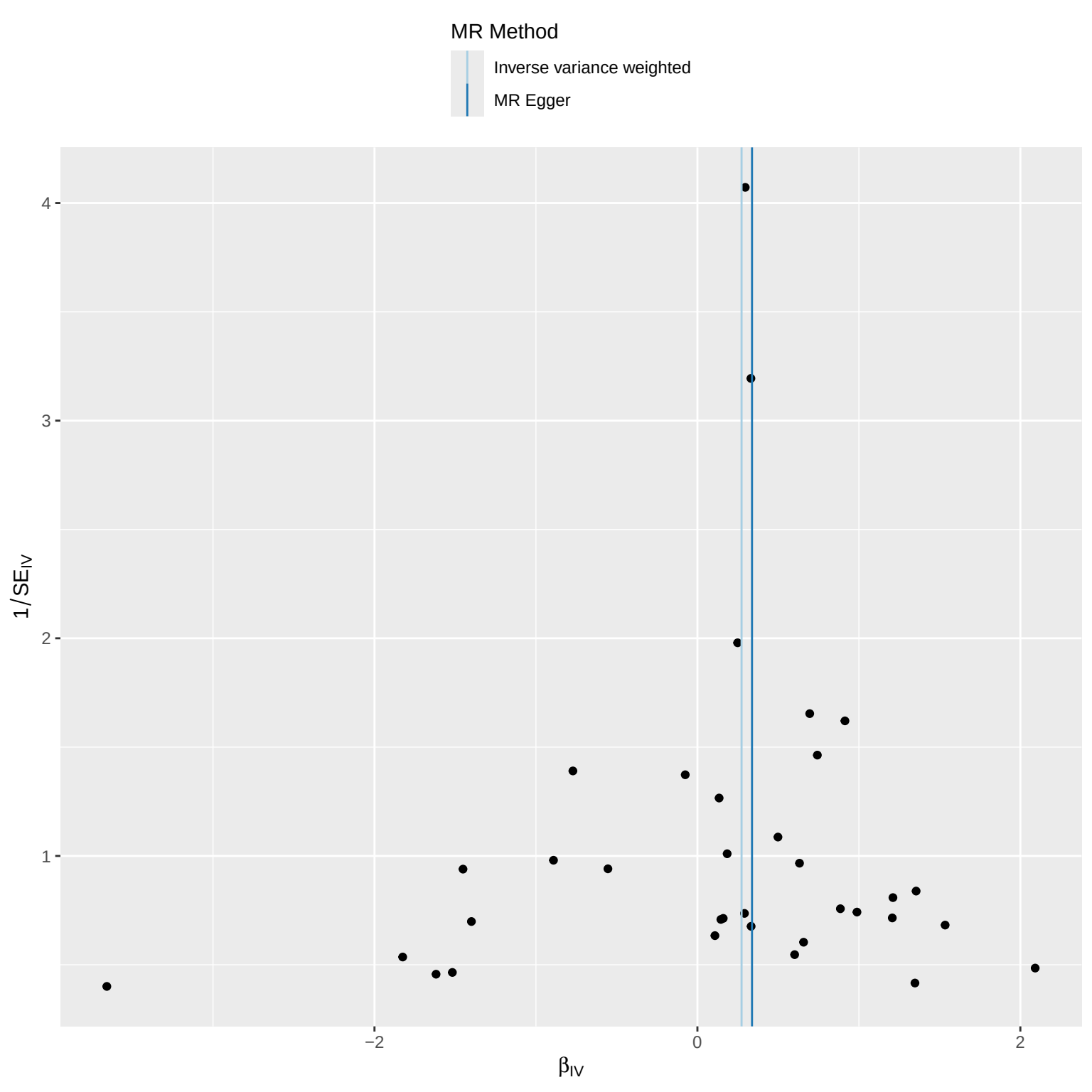

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

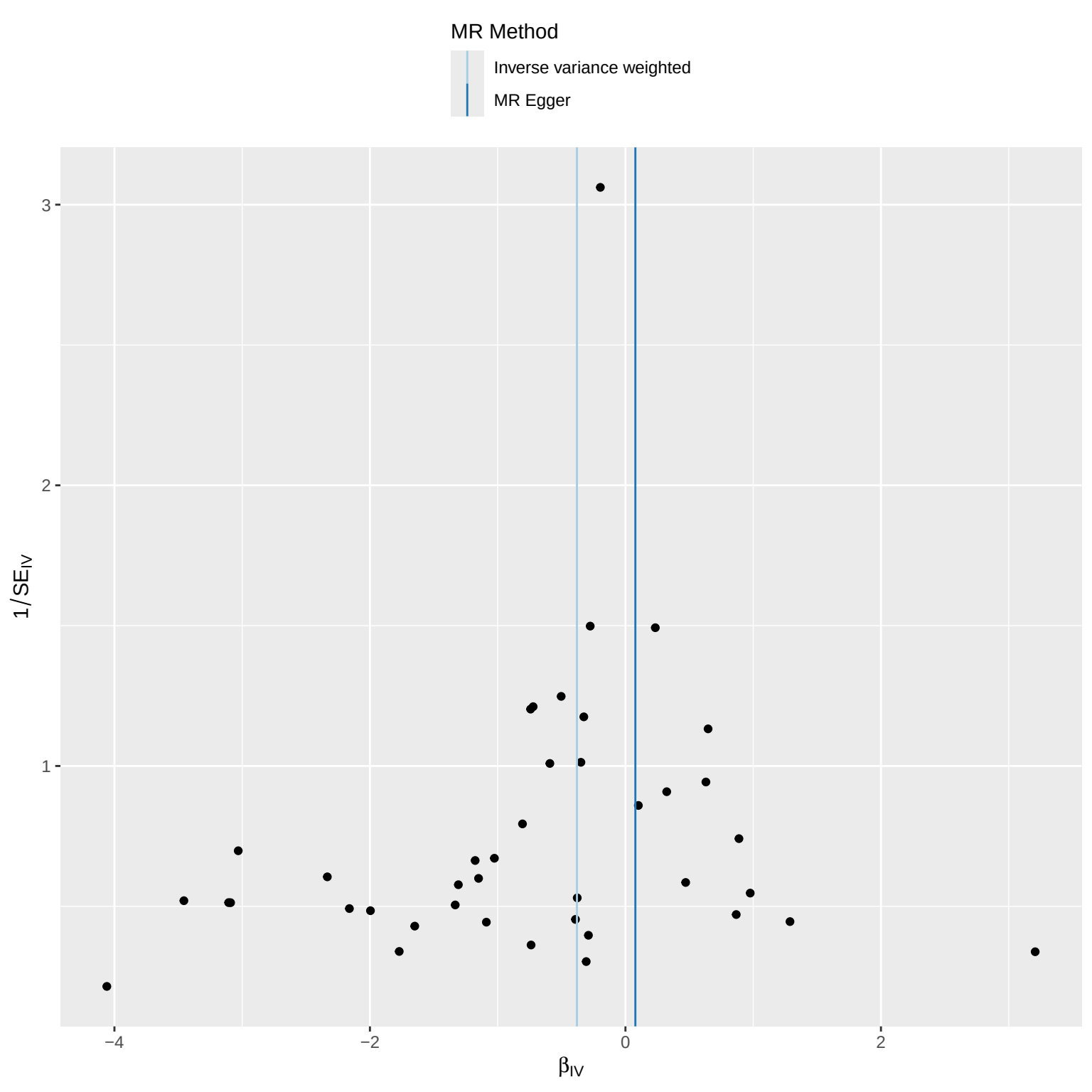

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−5.0
−2.5
0.0
β_IV

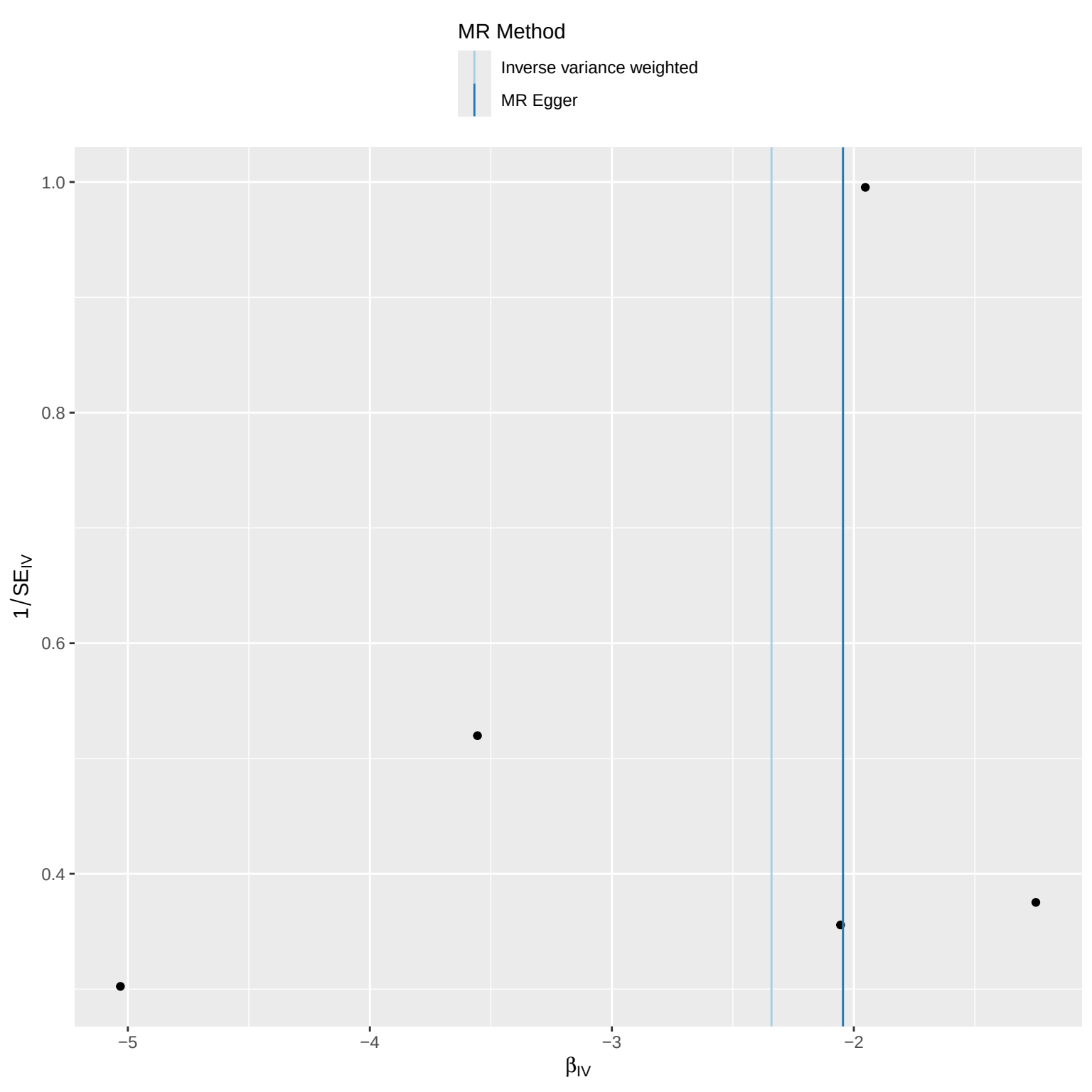

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

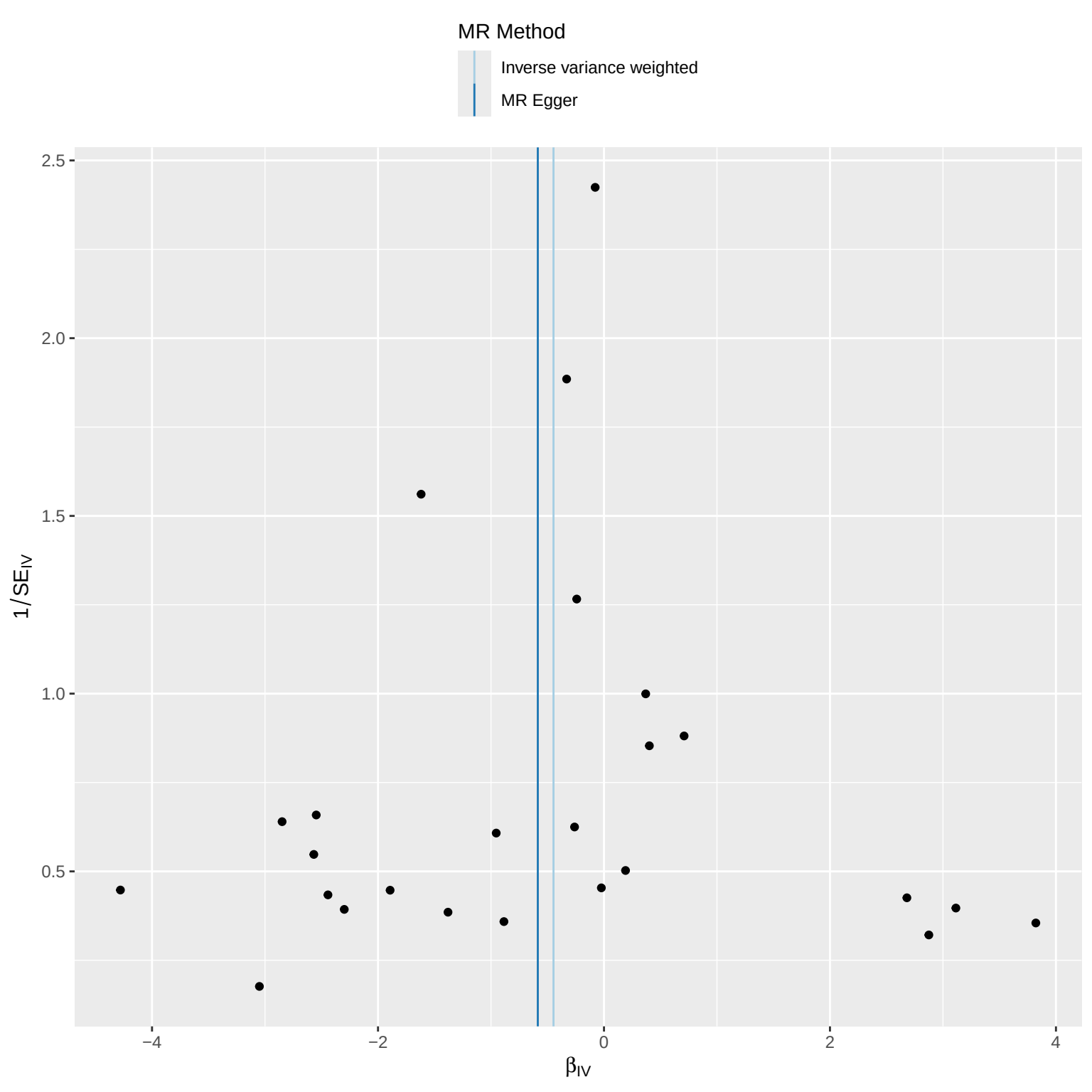

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

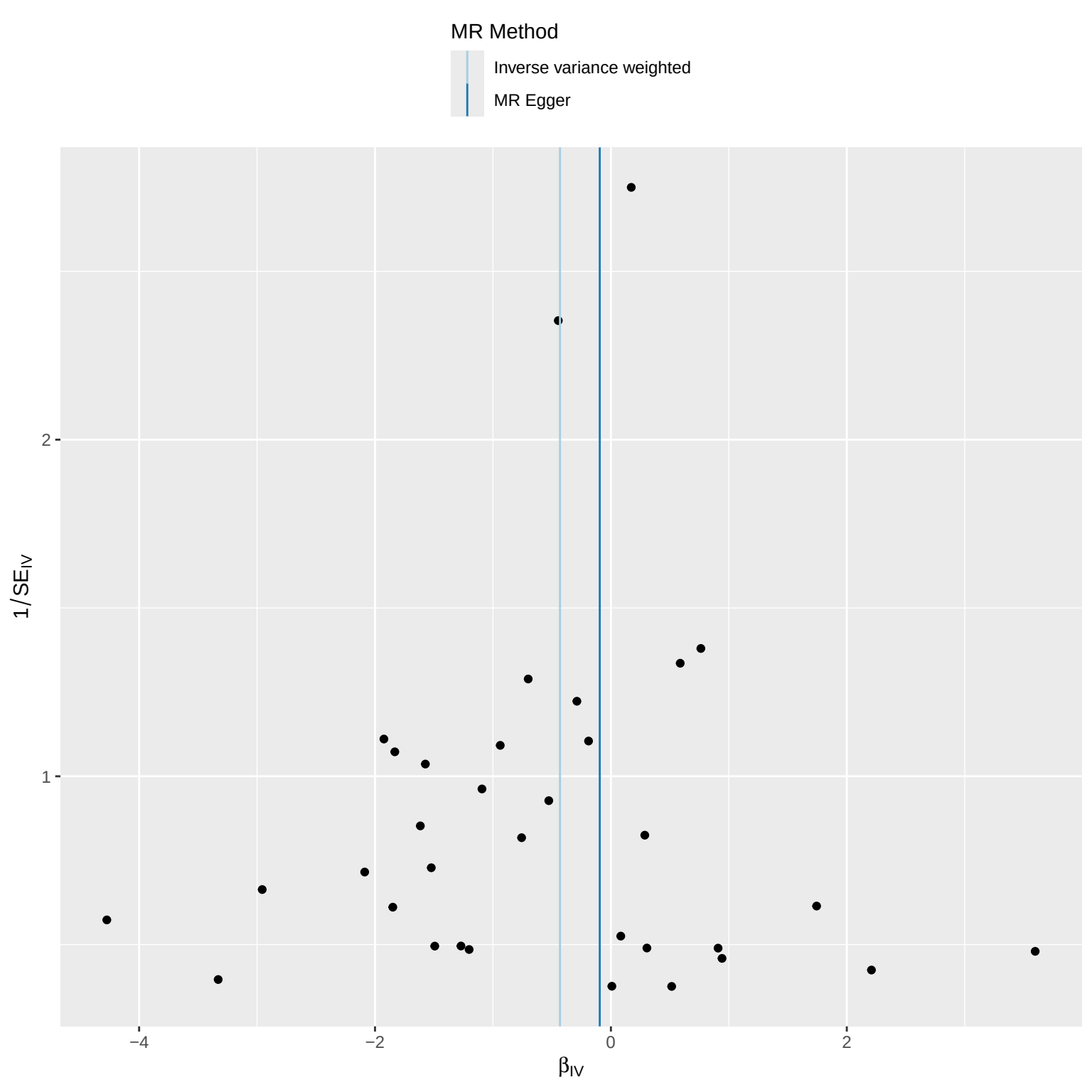

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
β_IV

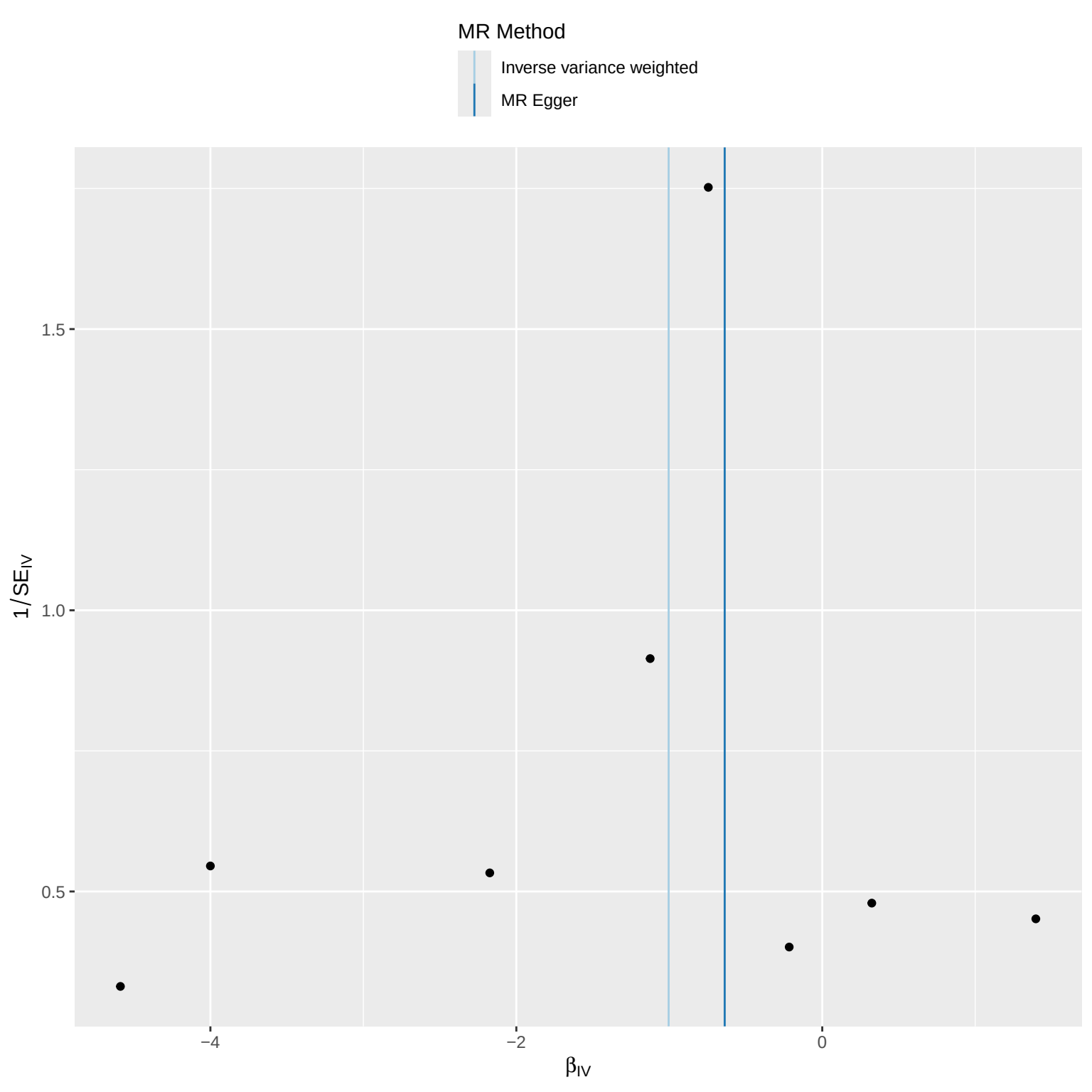

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

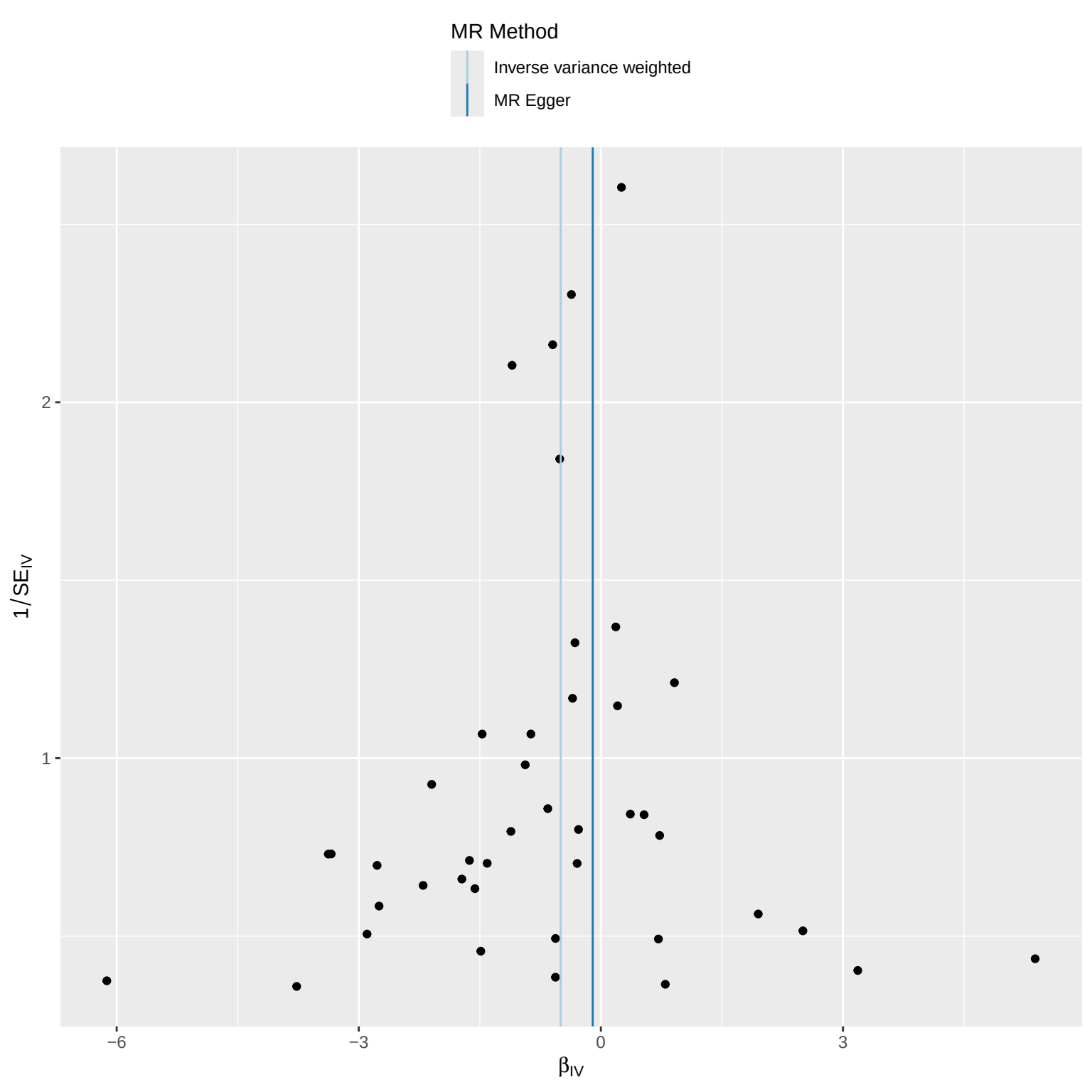

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

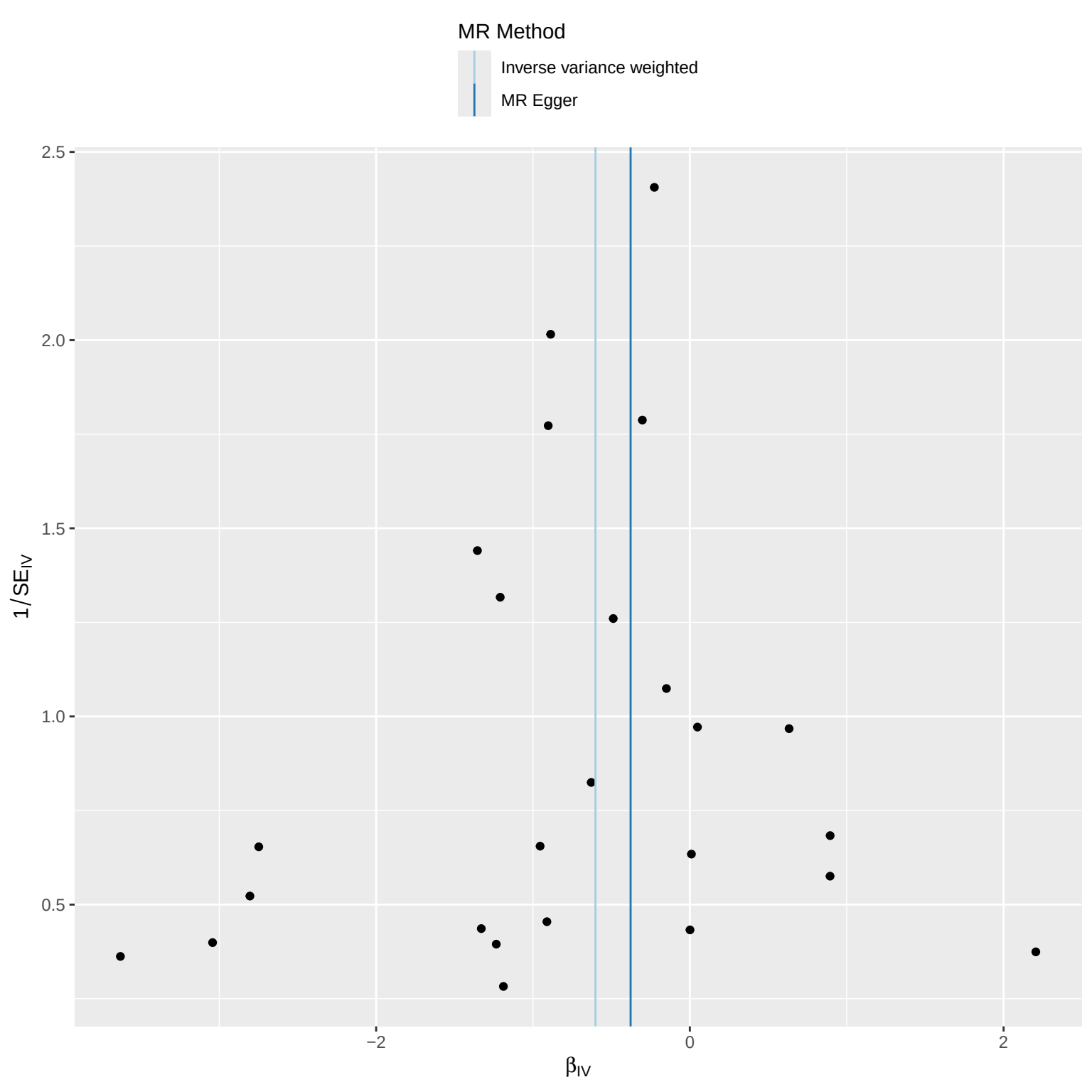

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−5
−4
−3
−2
β_IV

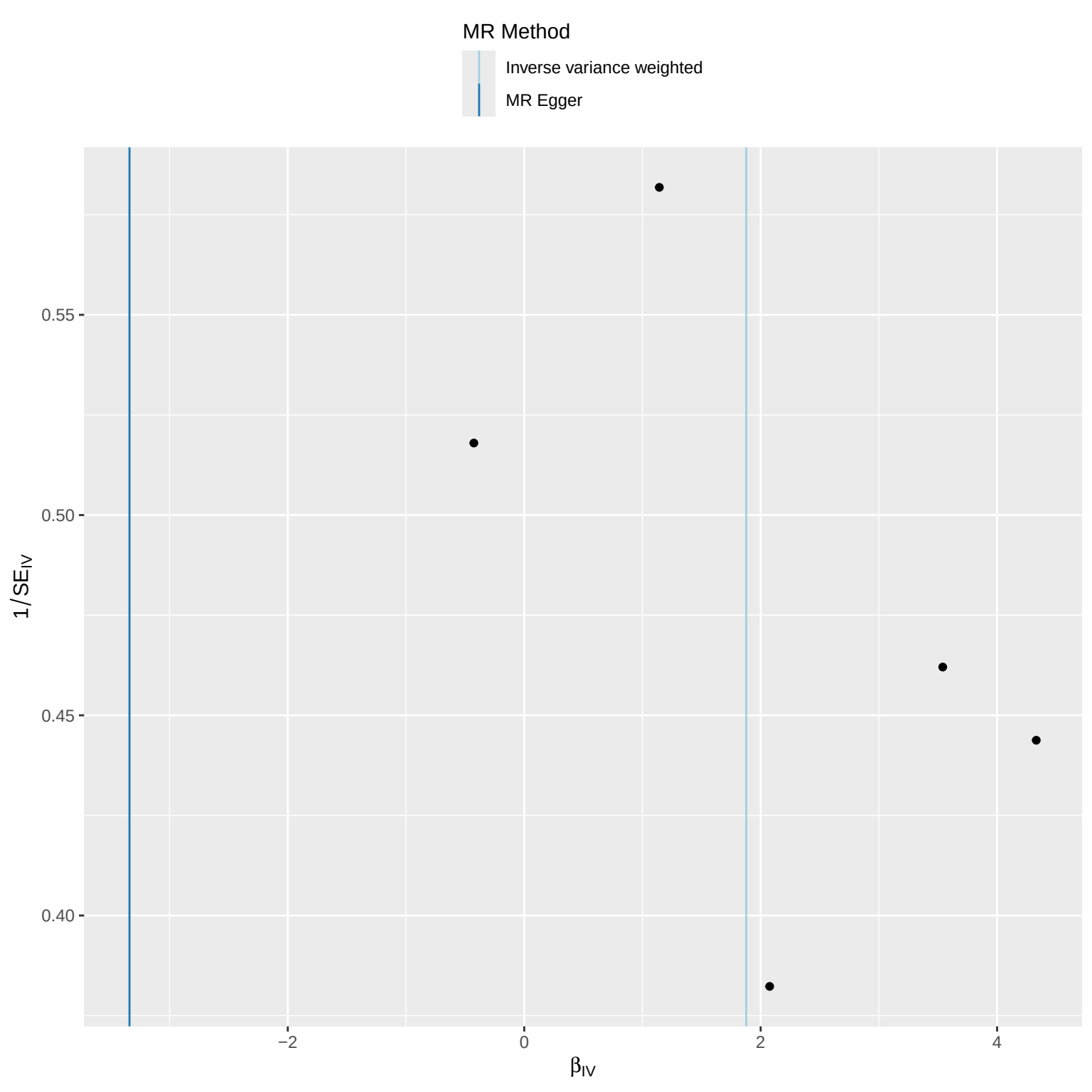

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

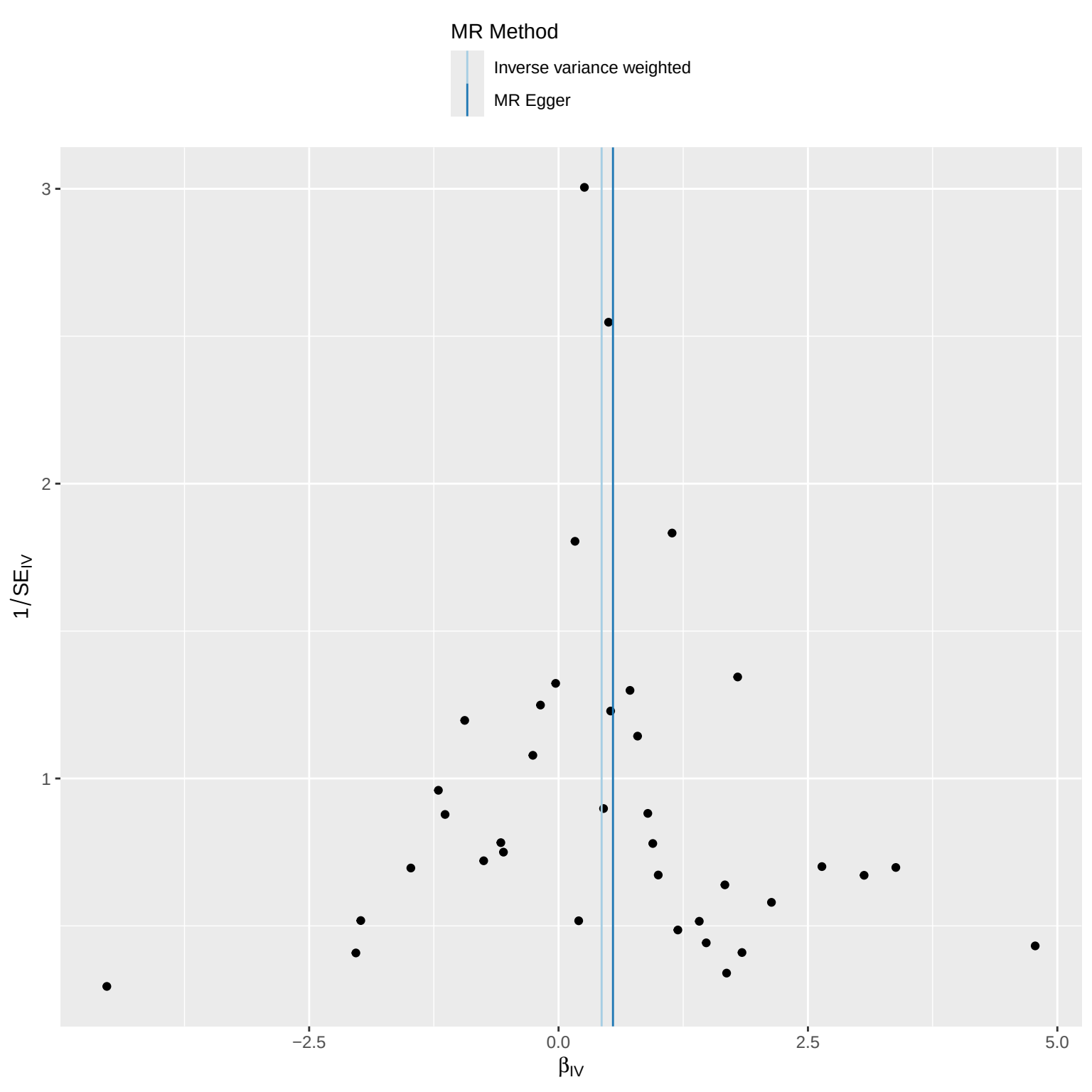

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

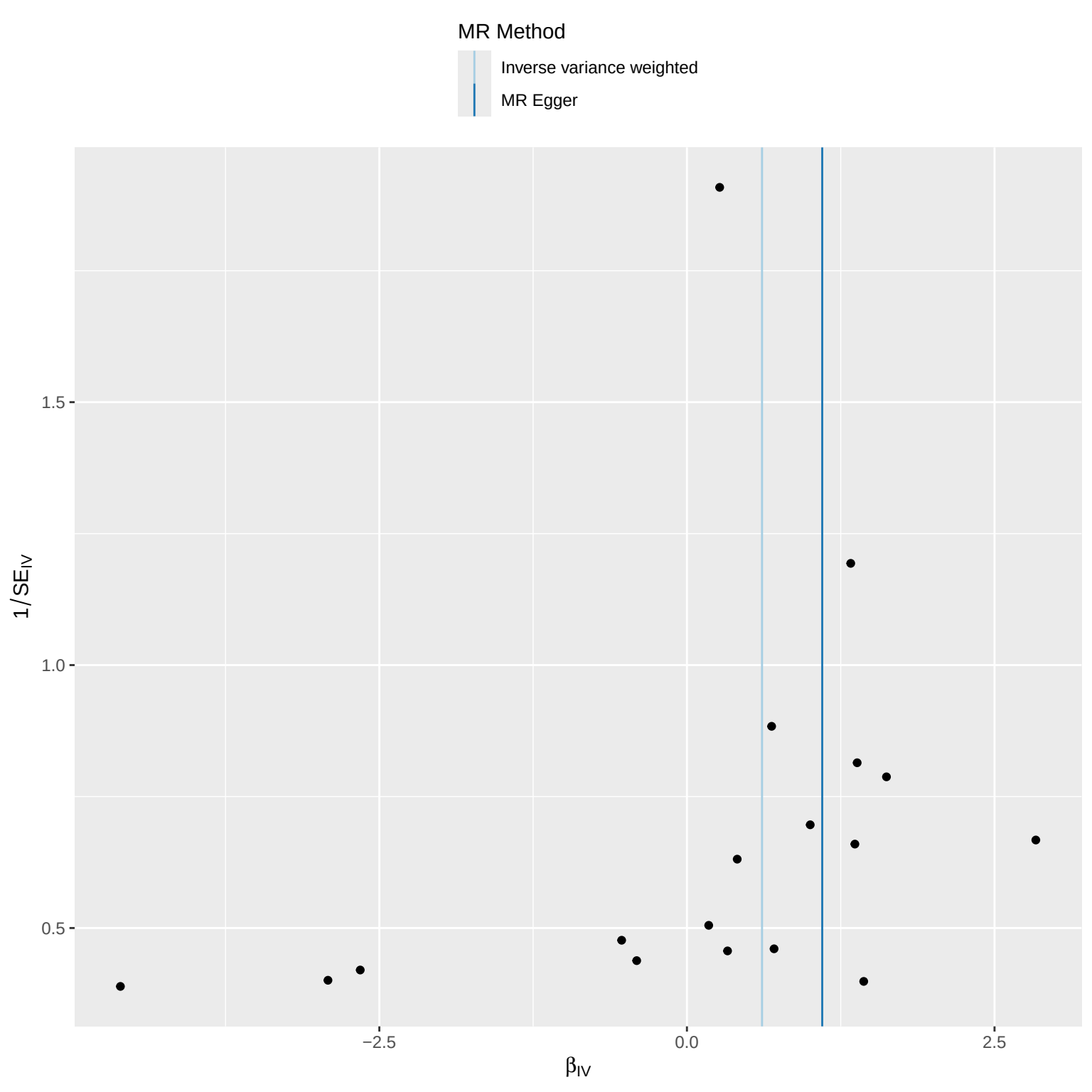

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

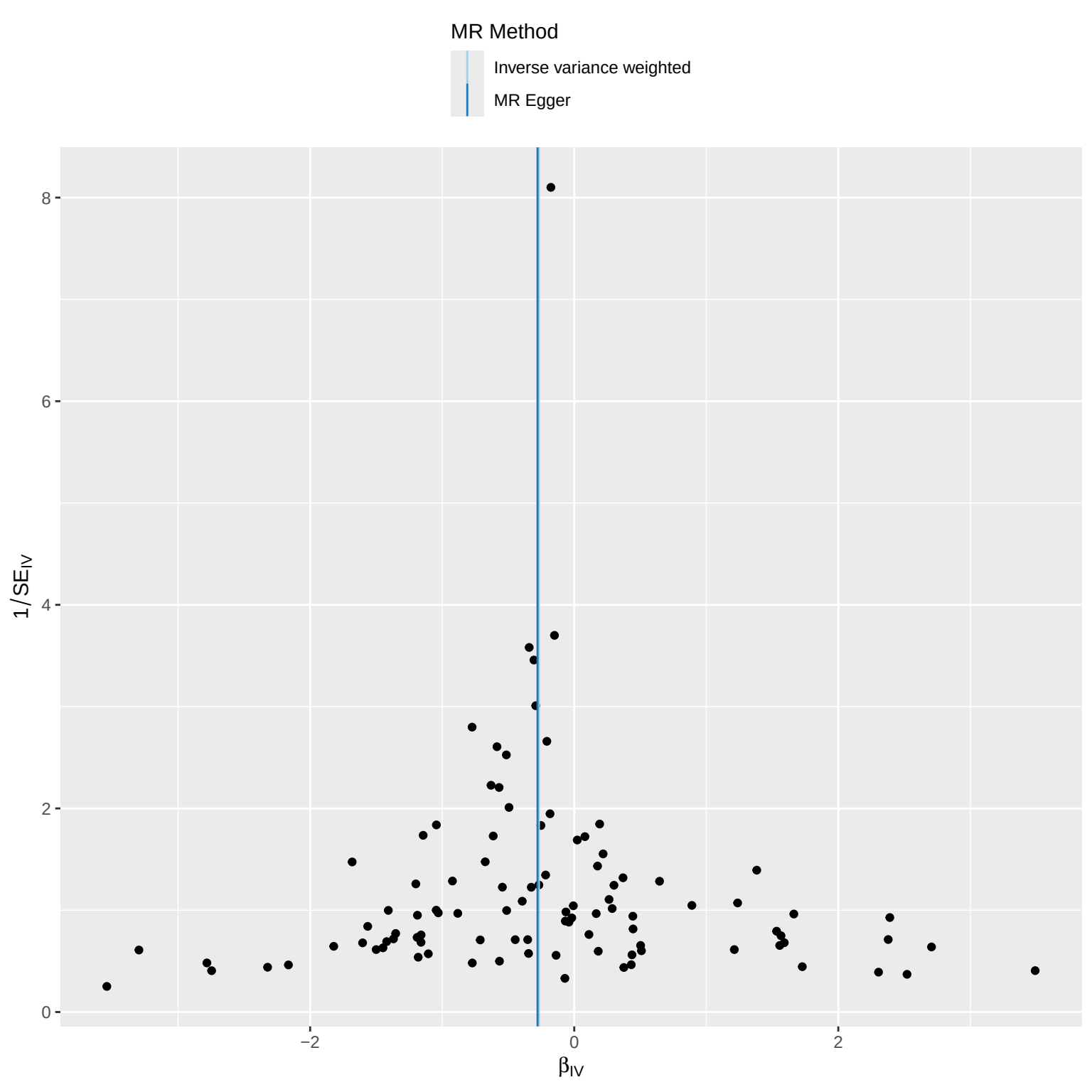

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−3
0
3
β_IV

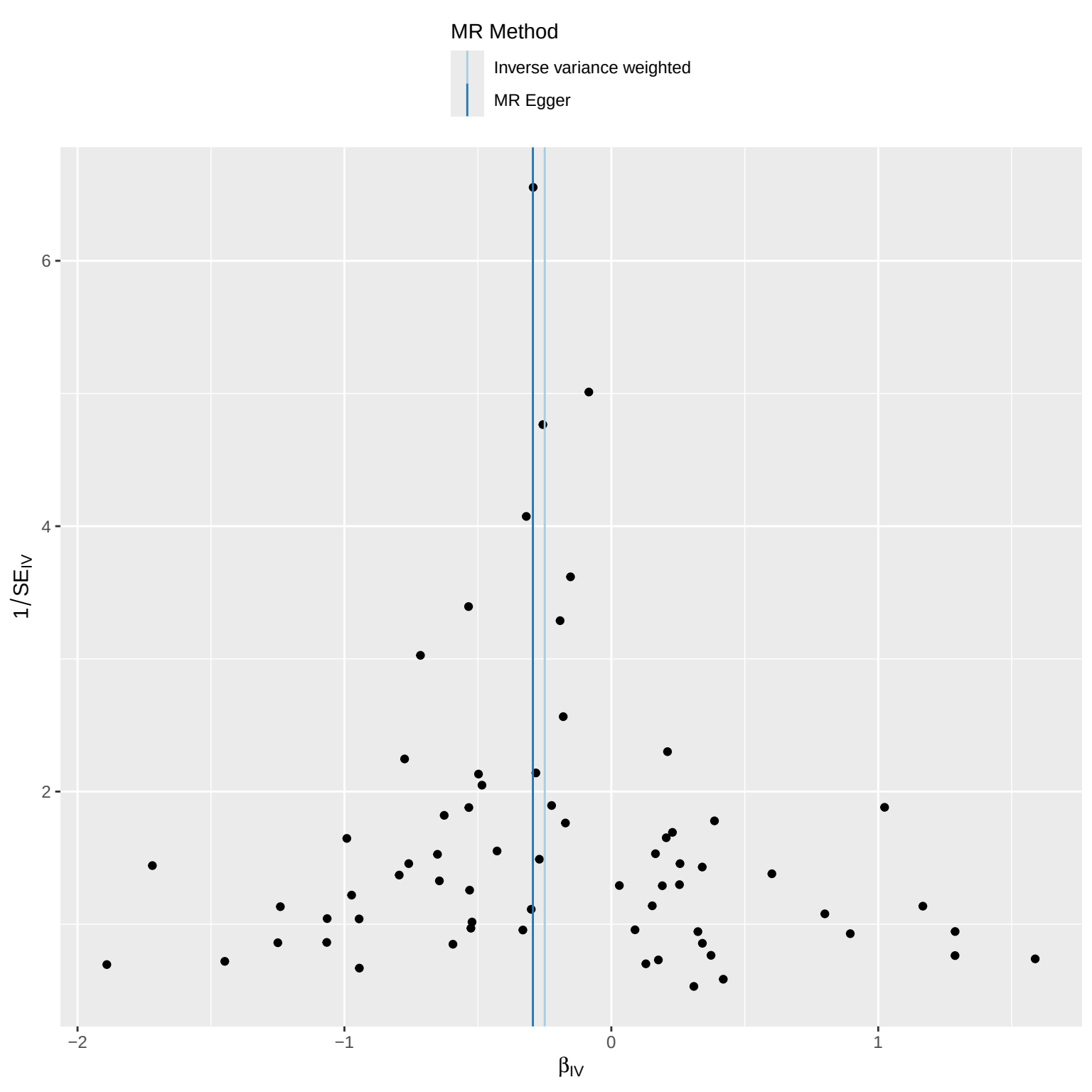

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

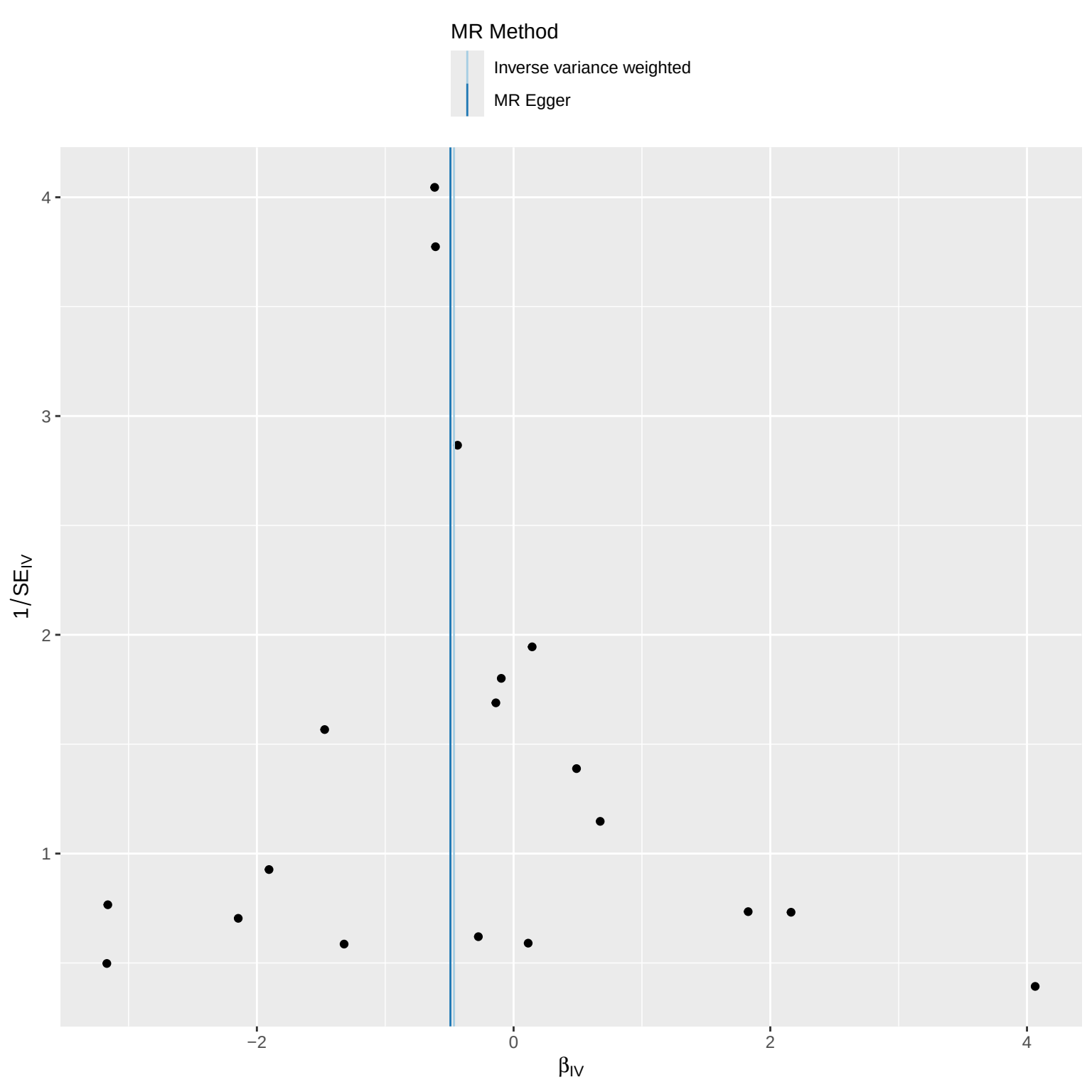

MR Method
Inverse variance weighted
MR Egger
0.55
0.50
0.45
0.40
1/SE_IV
−2
0
2
4
β_IV

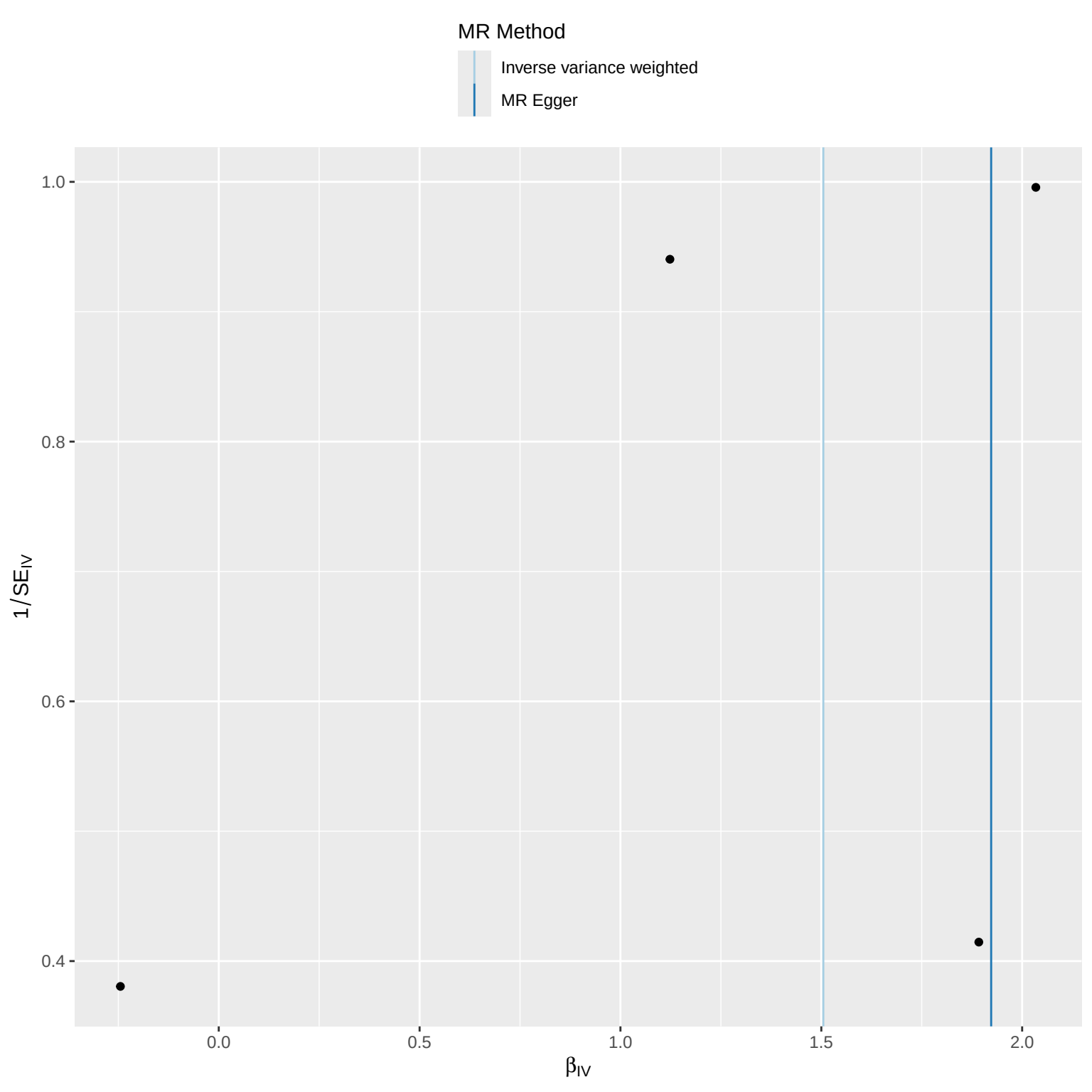

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

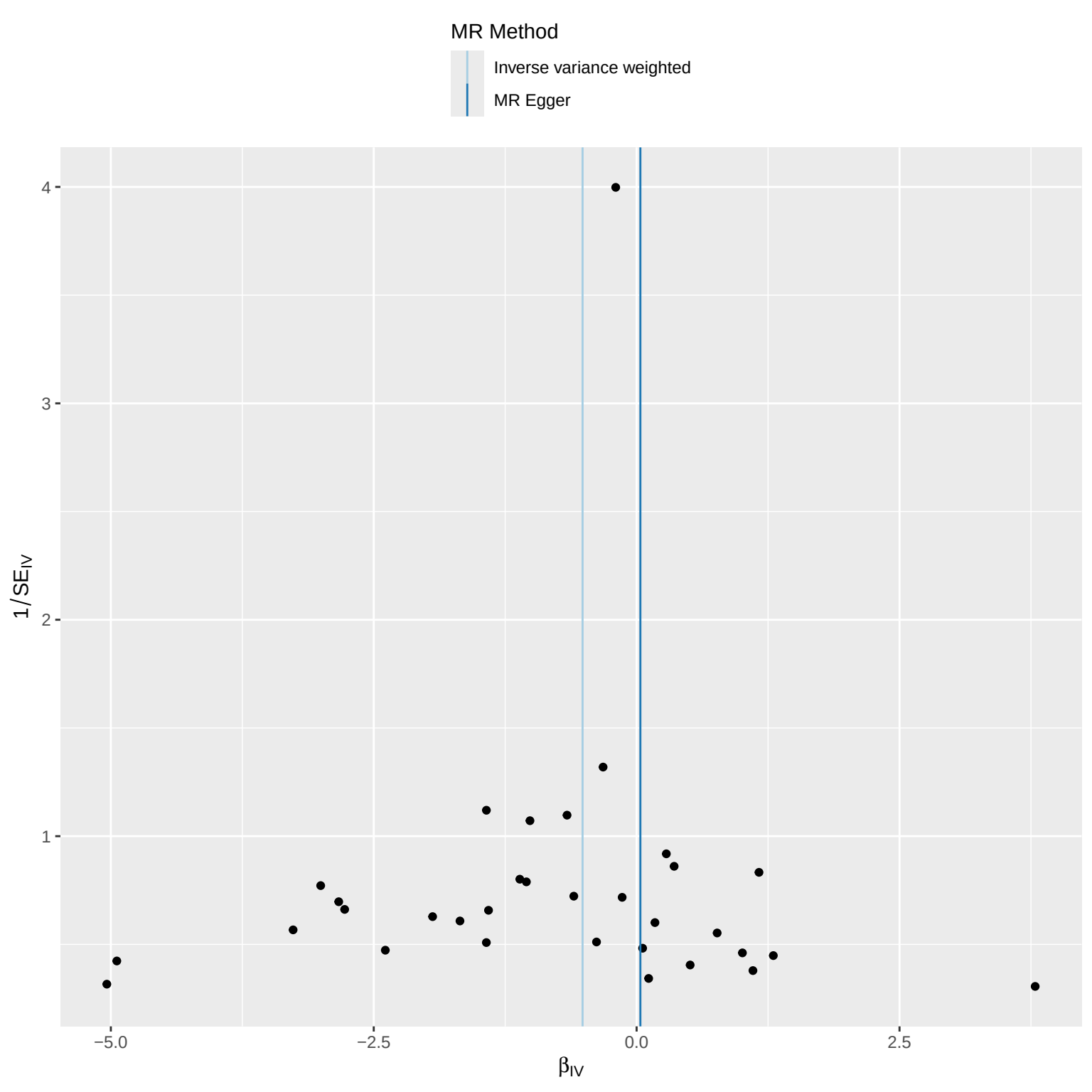

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

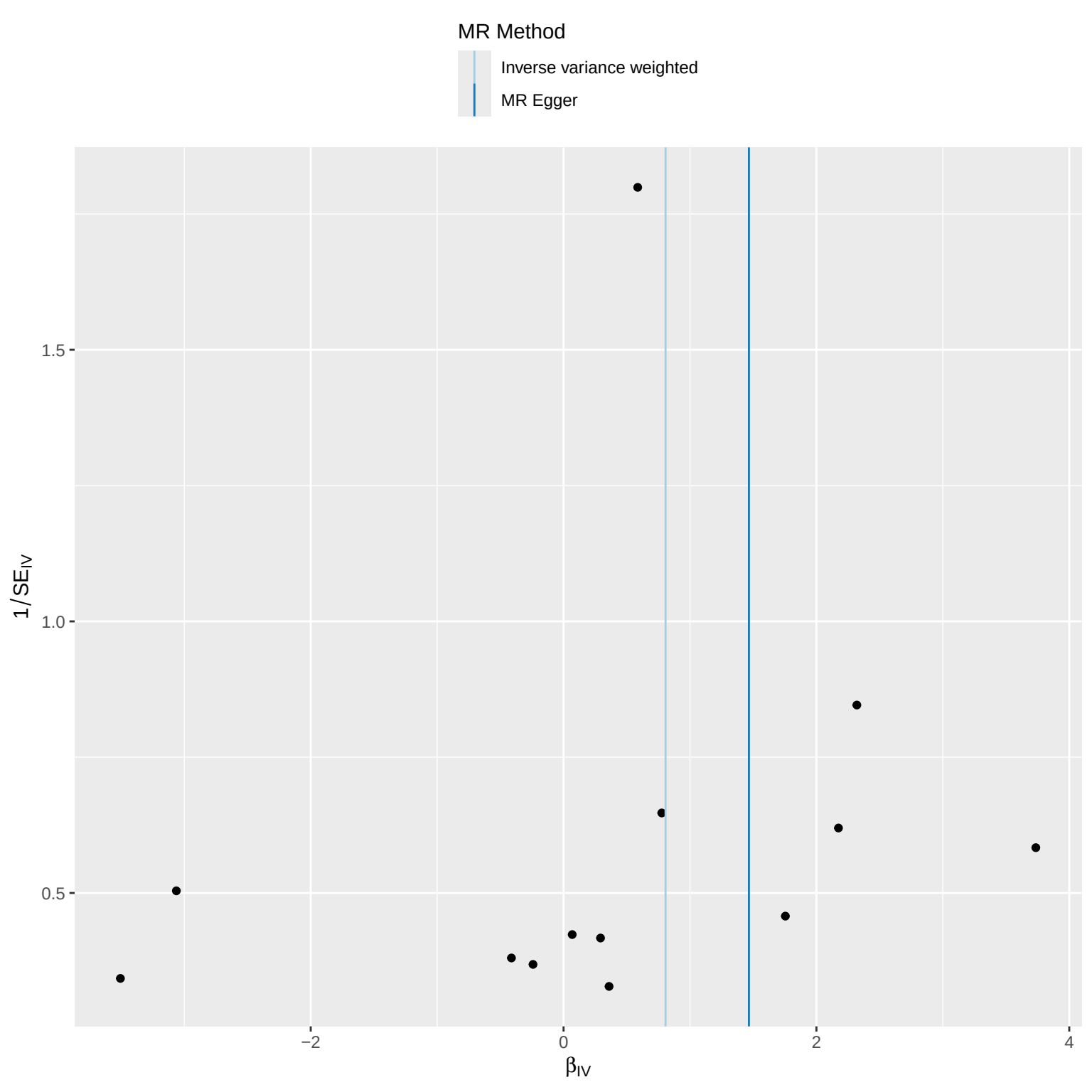

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−2
0
2
β_IV

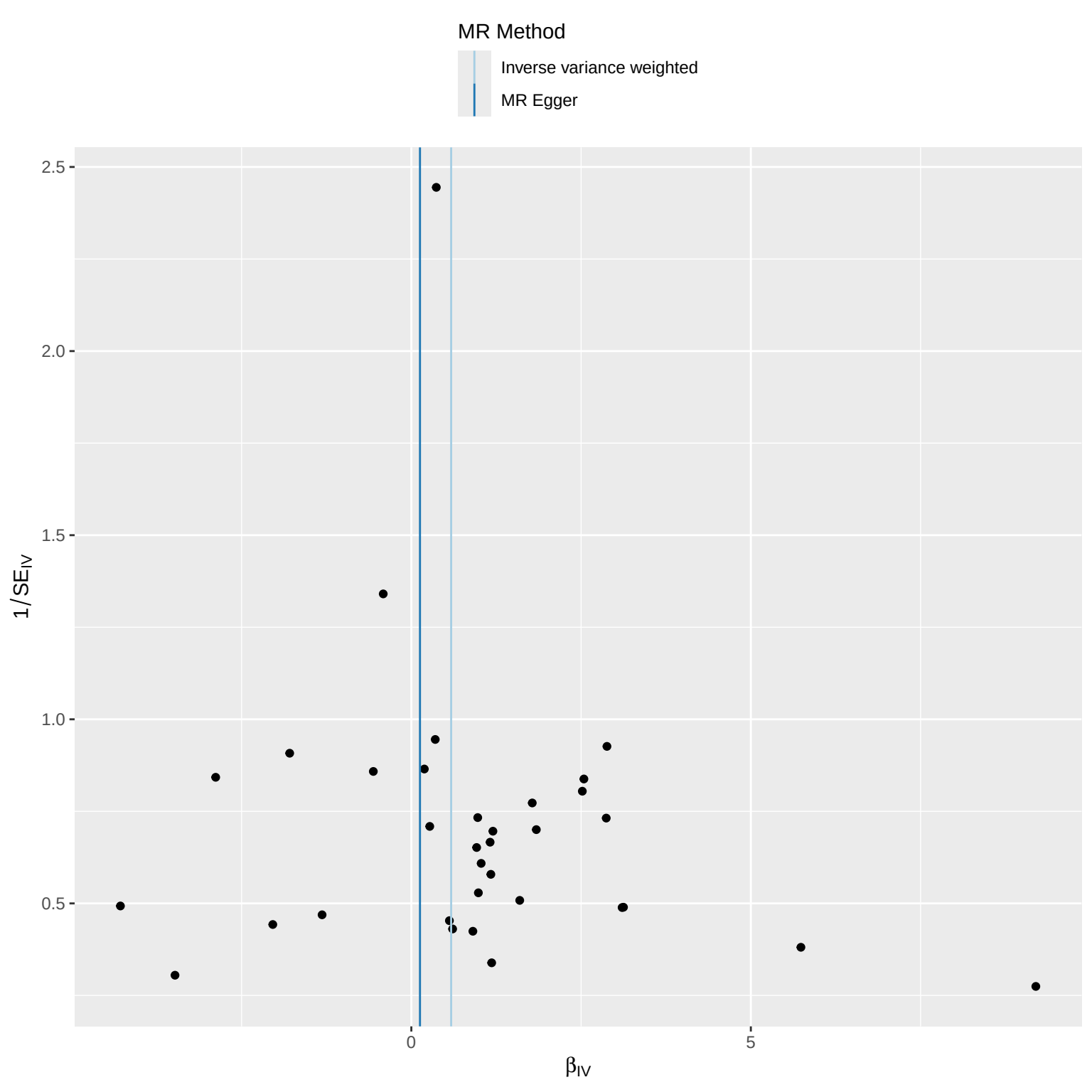

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

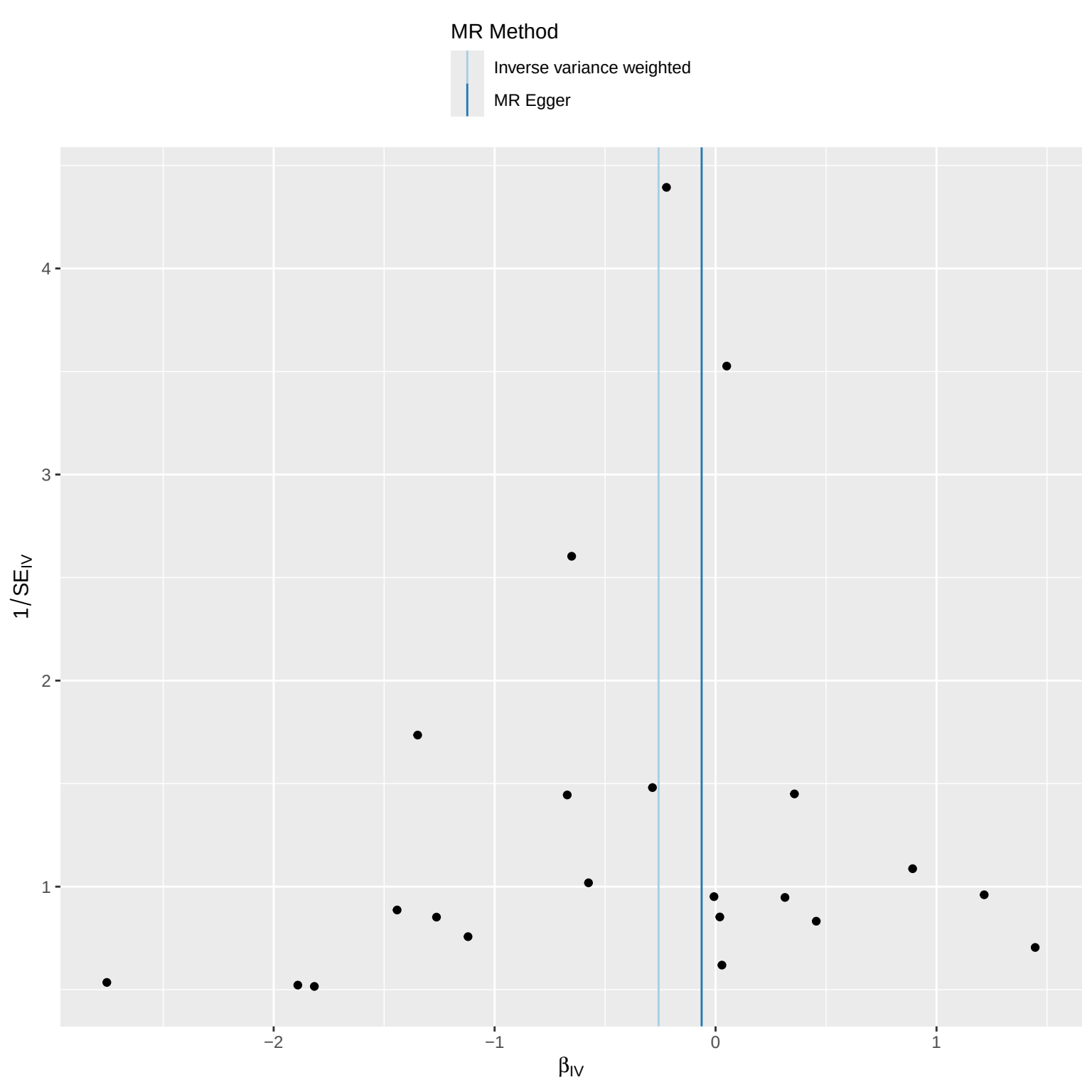

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

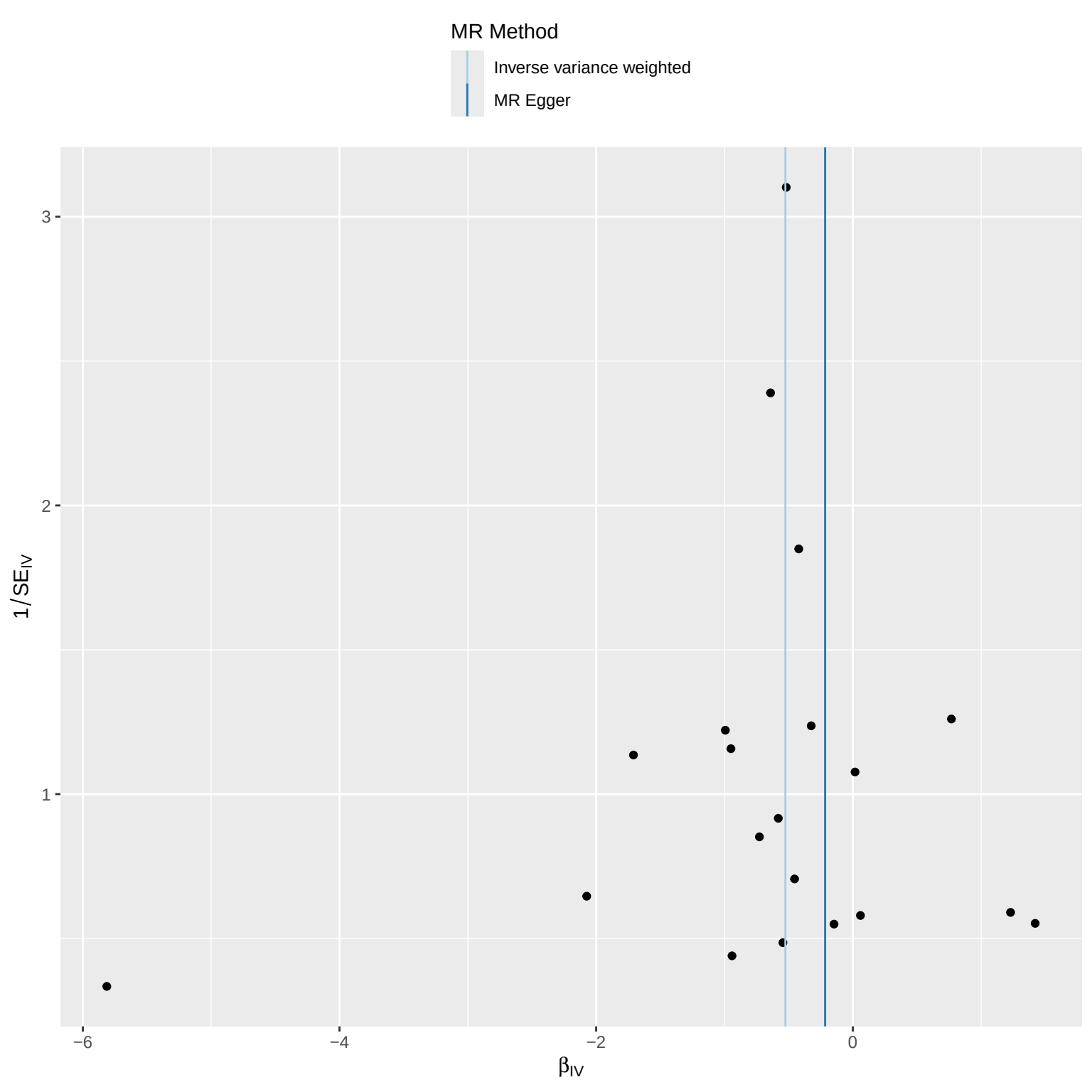

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

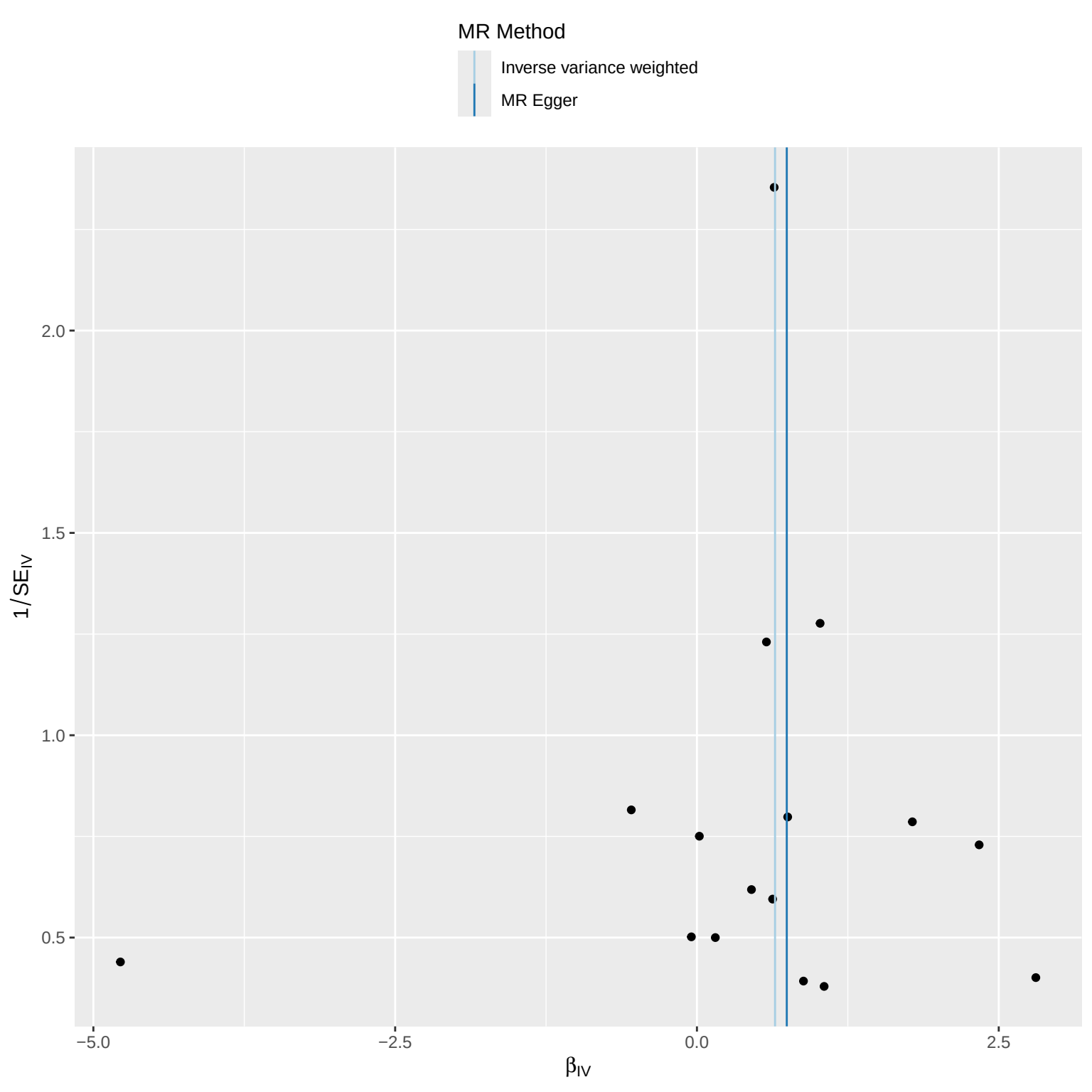

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

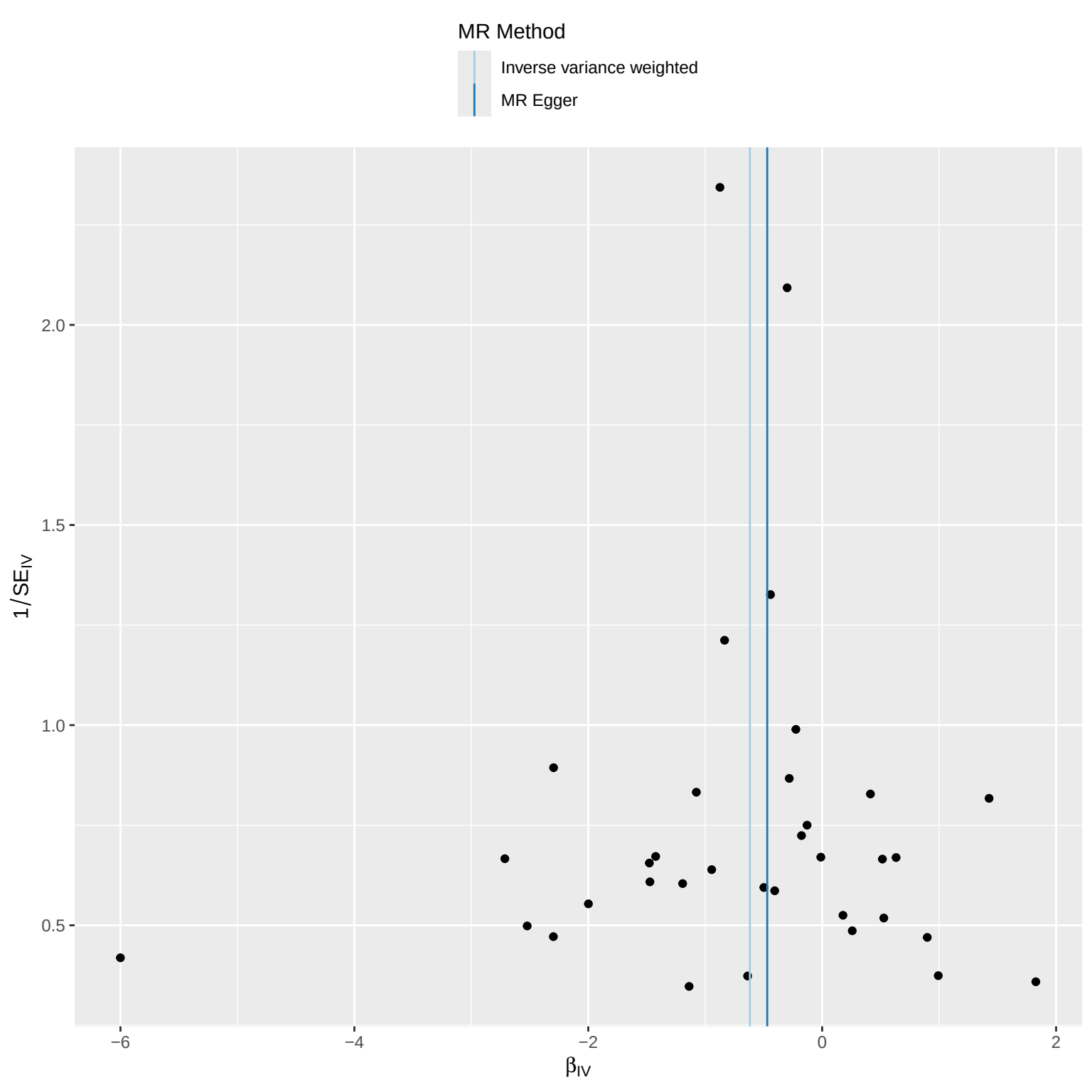

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

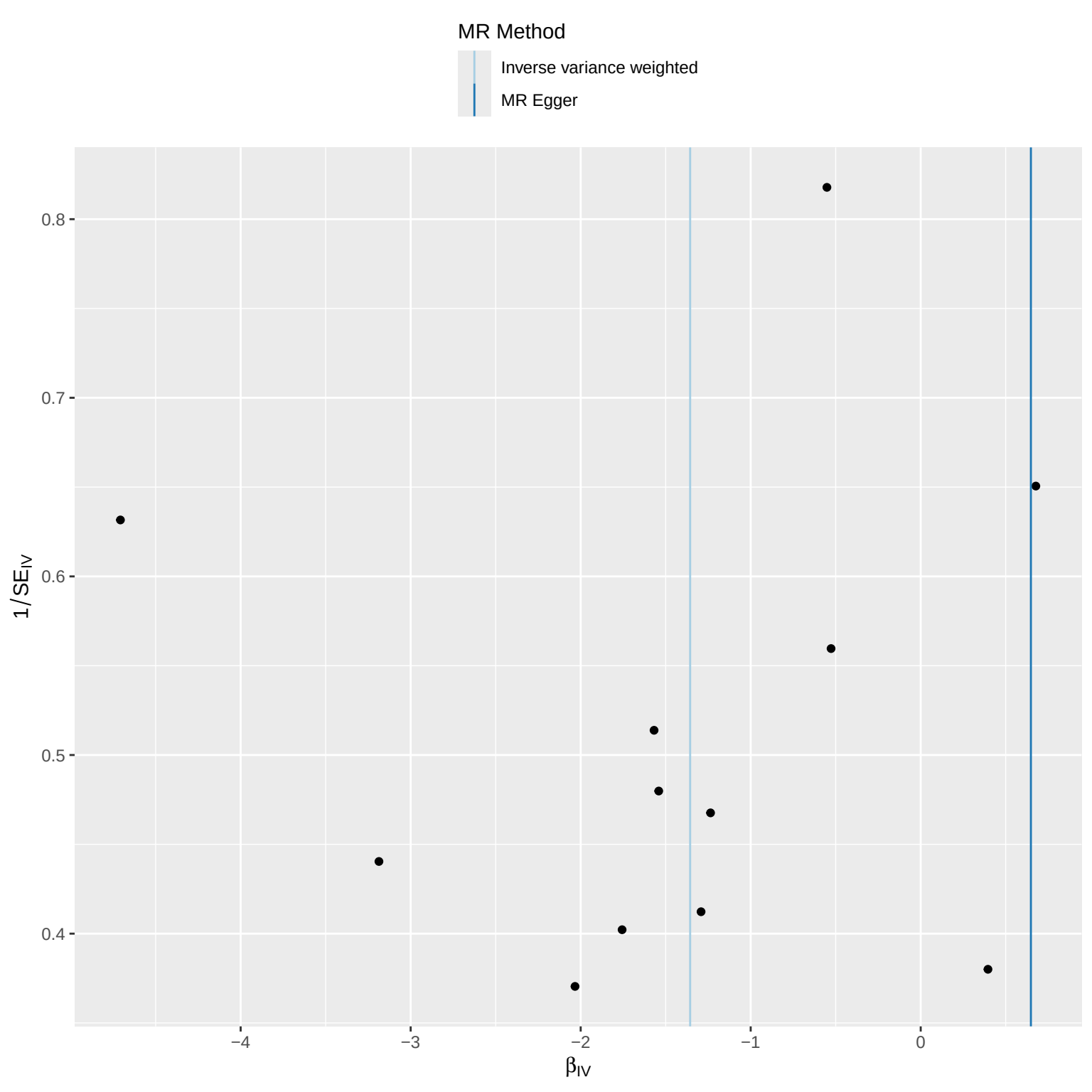

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
5
β_IV

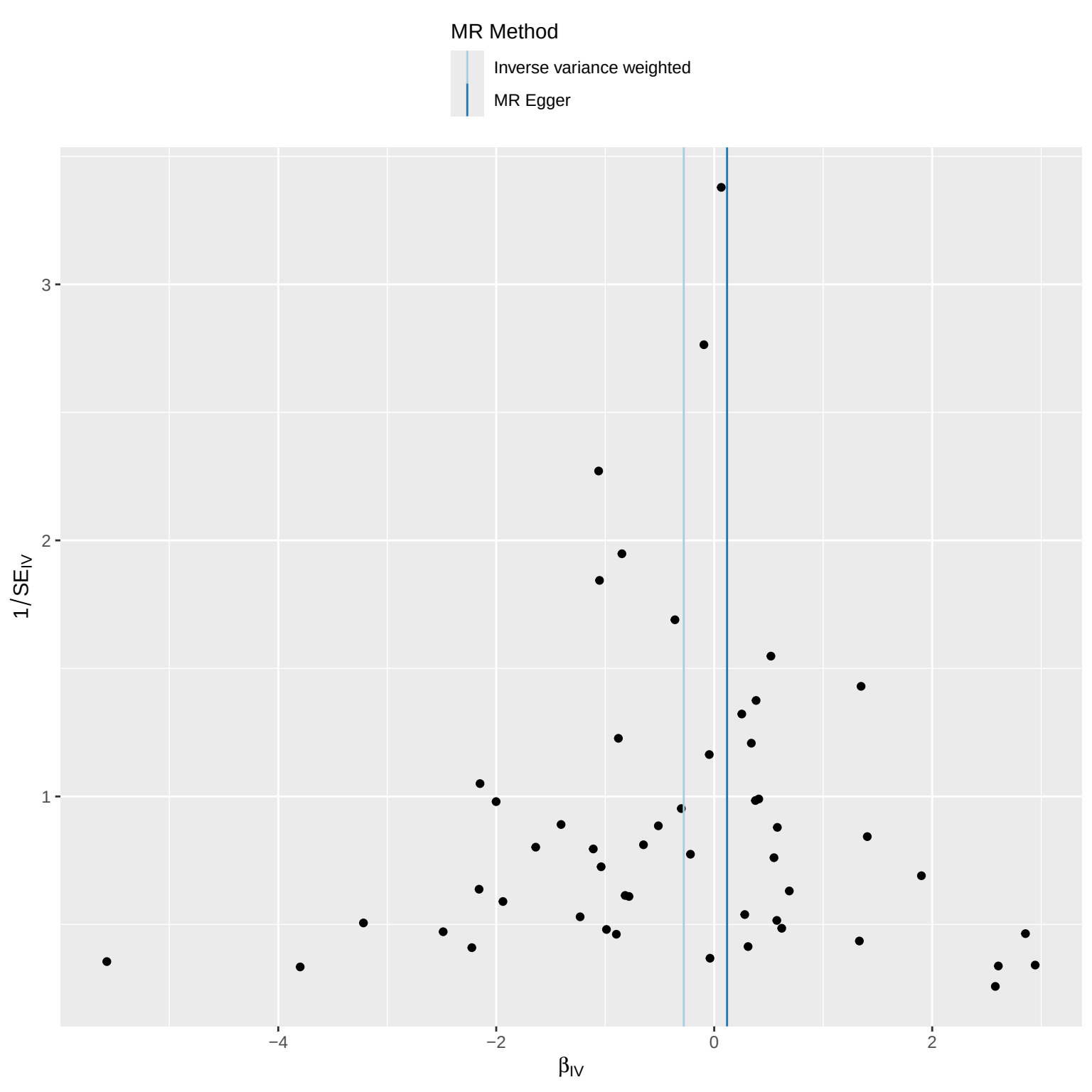

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

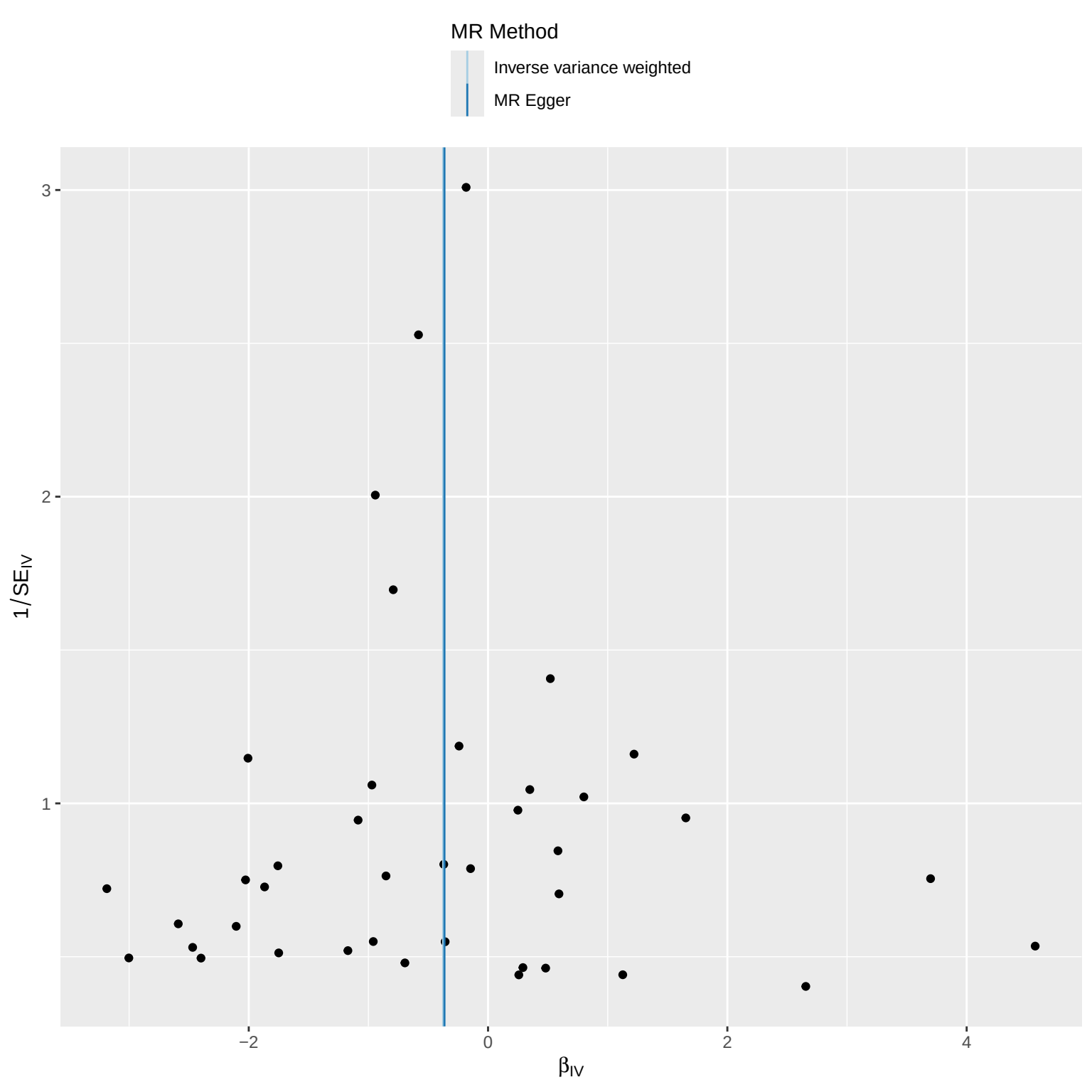

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
β_IV

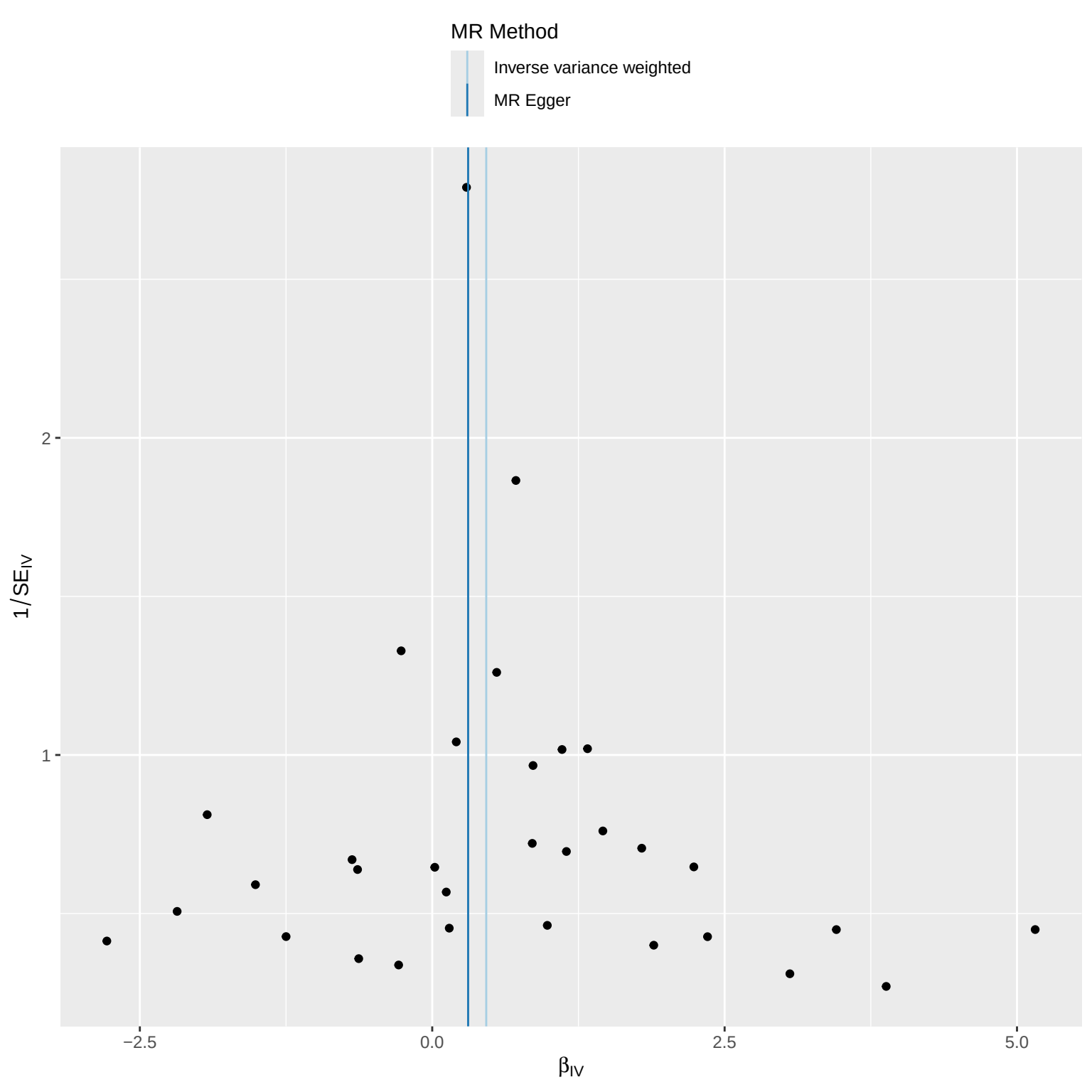

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

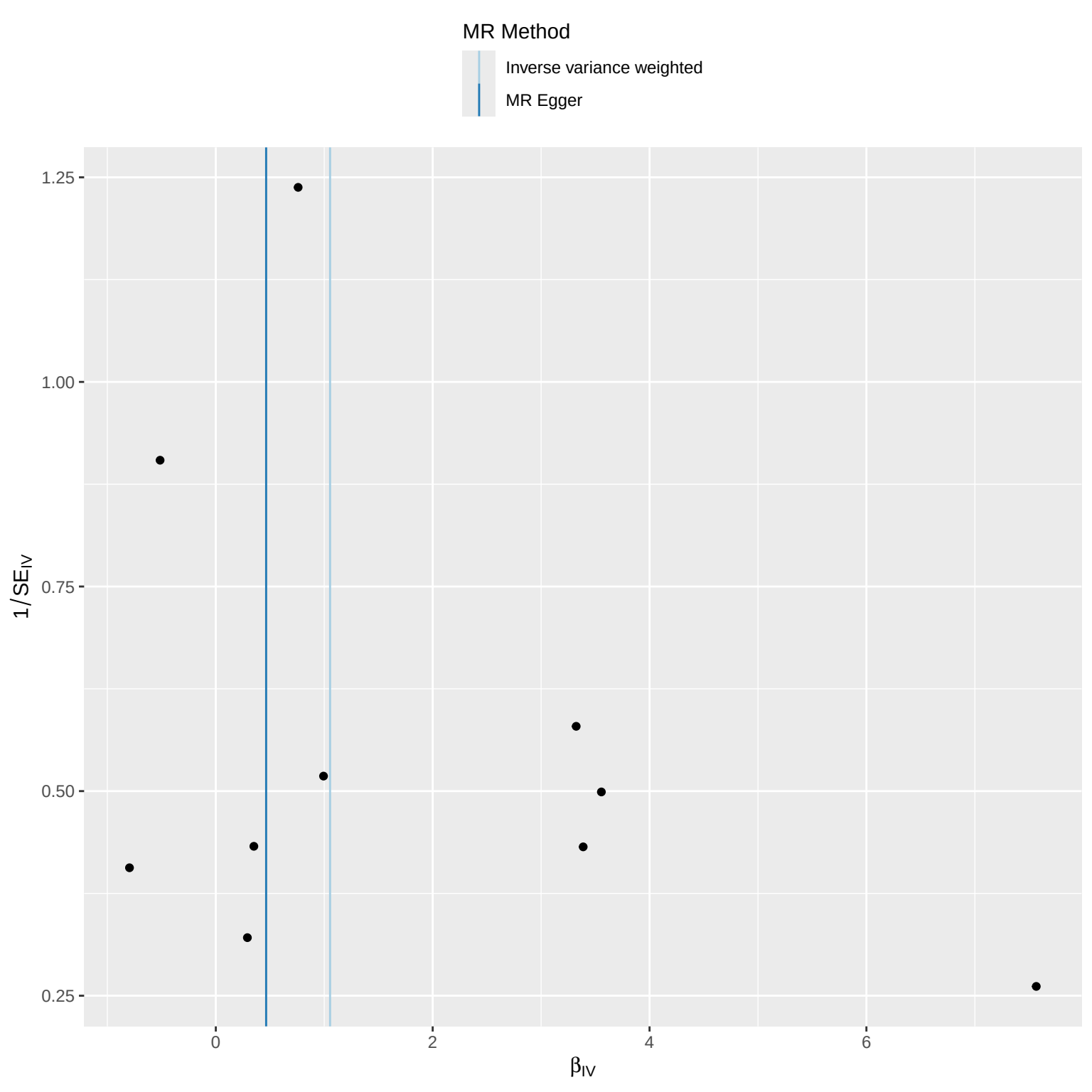

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

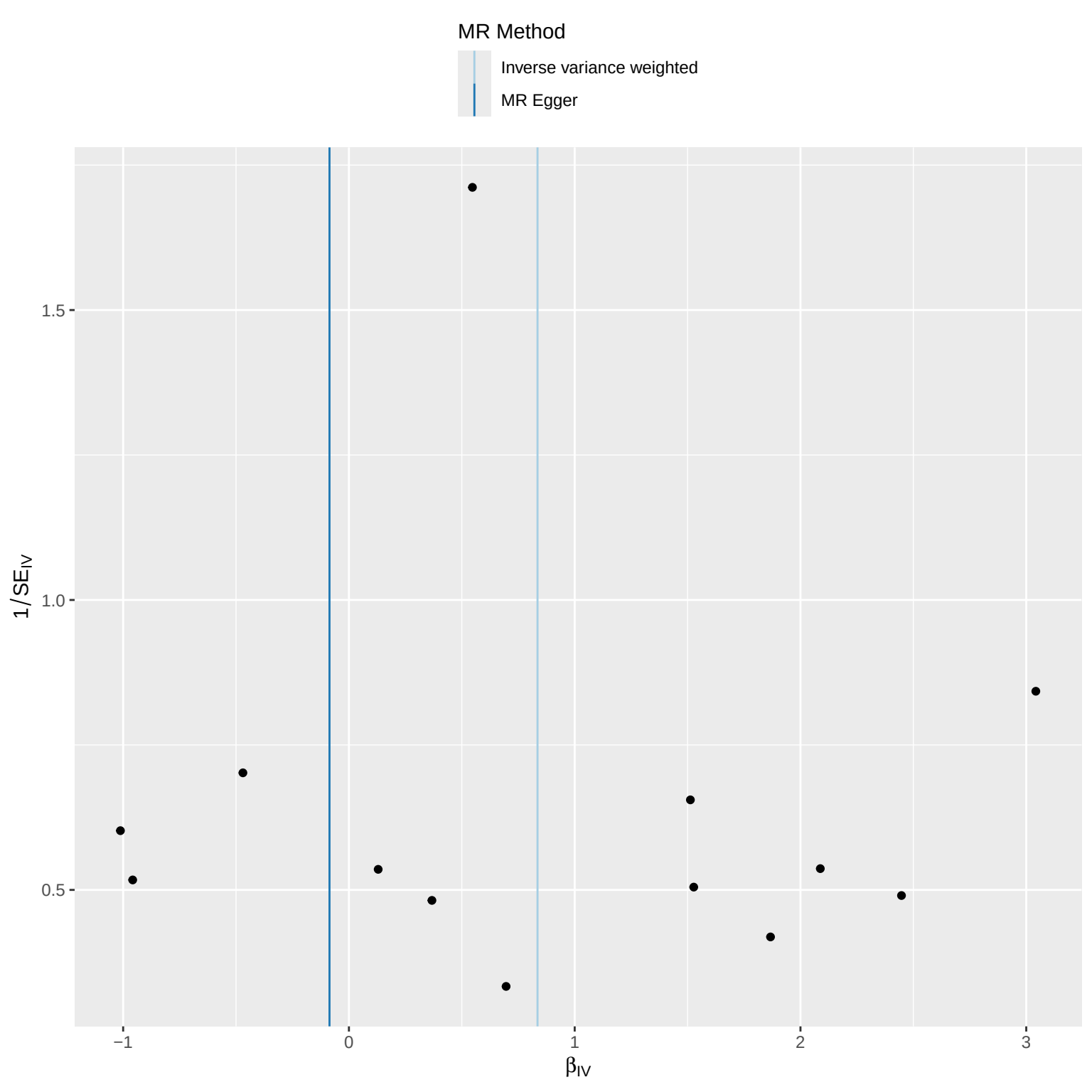

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

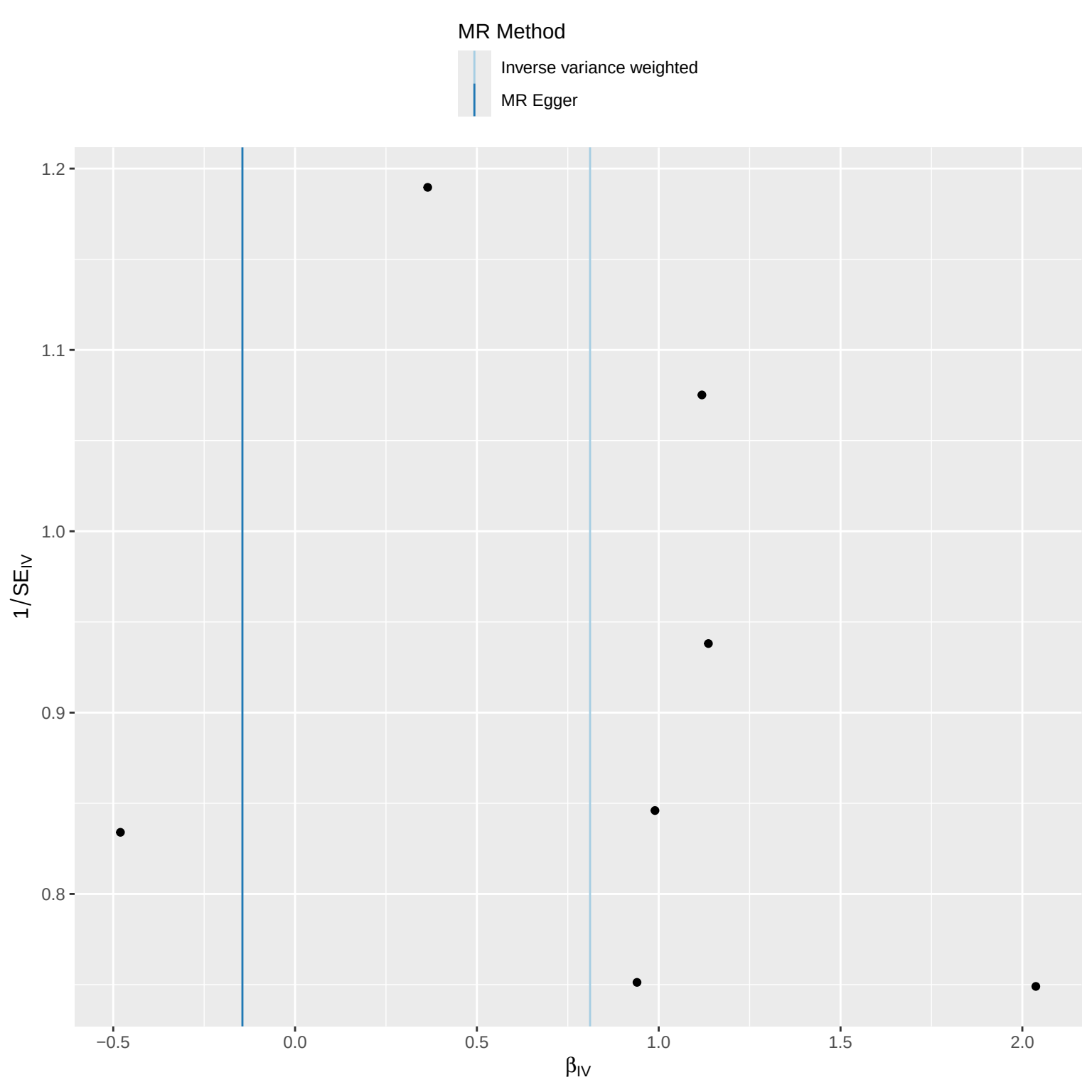

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

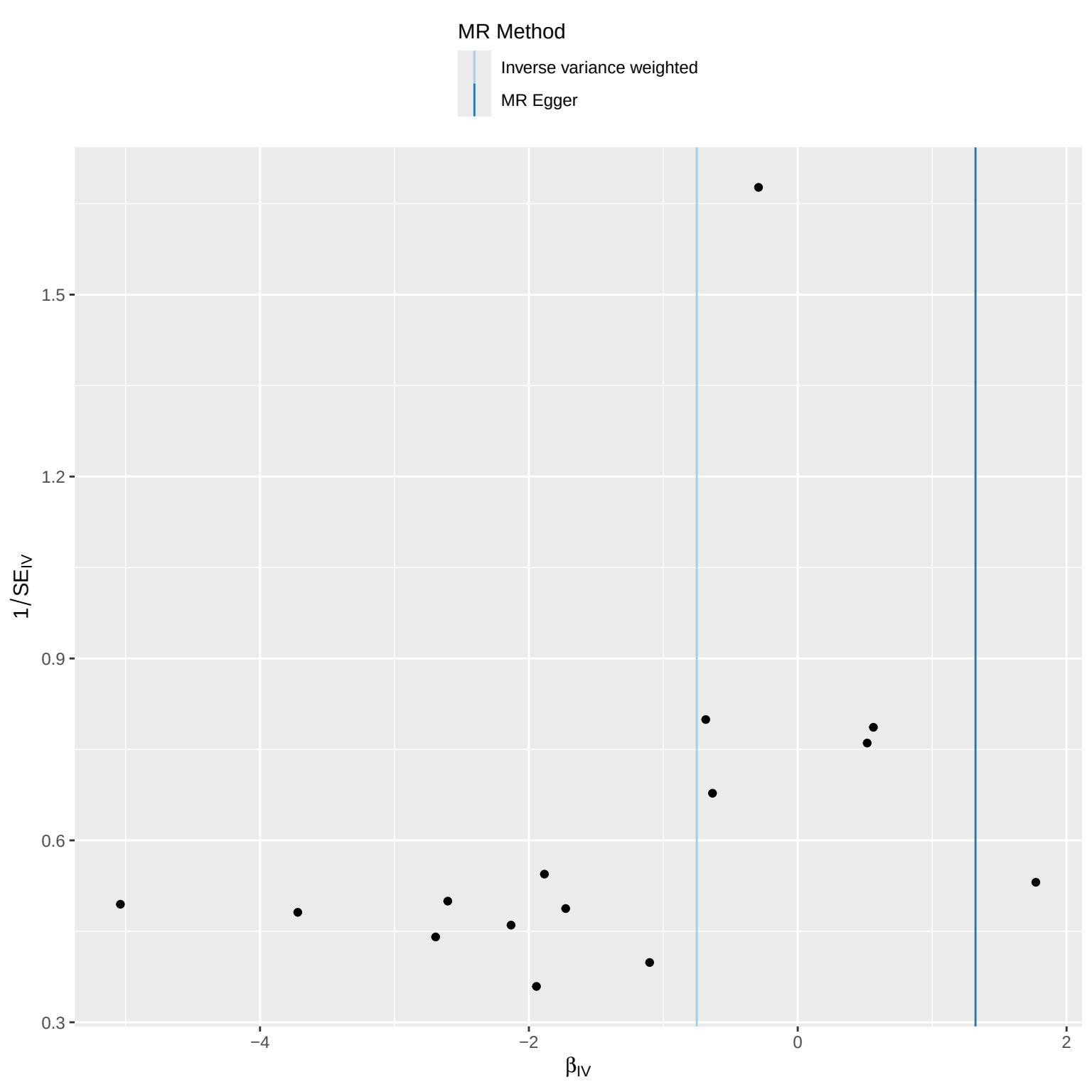

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

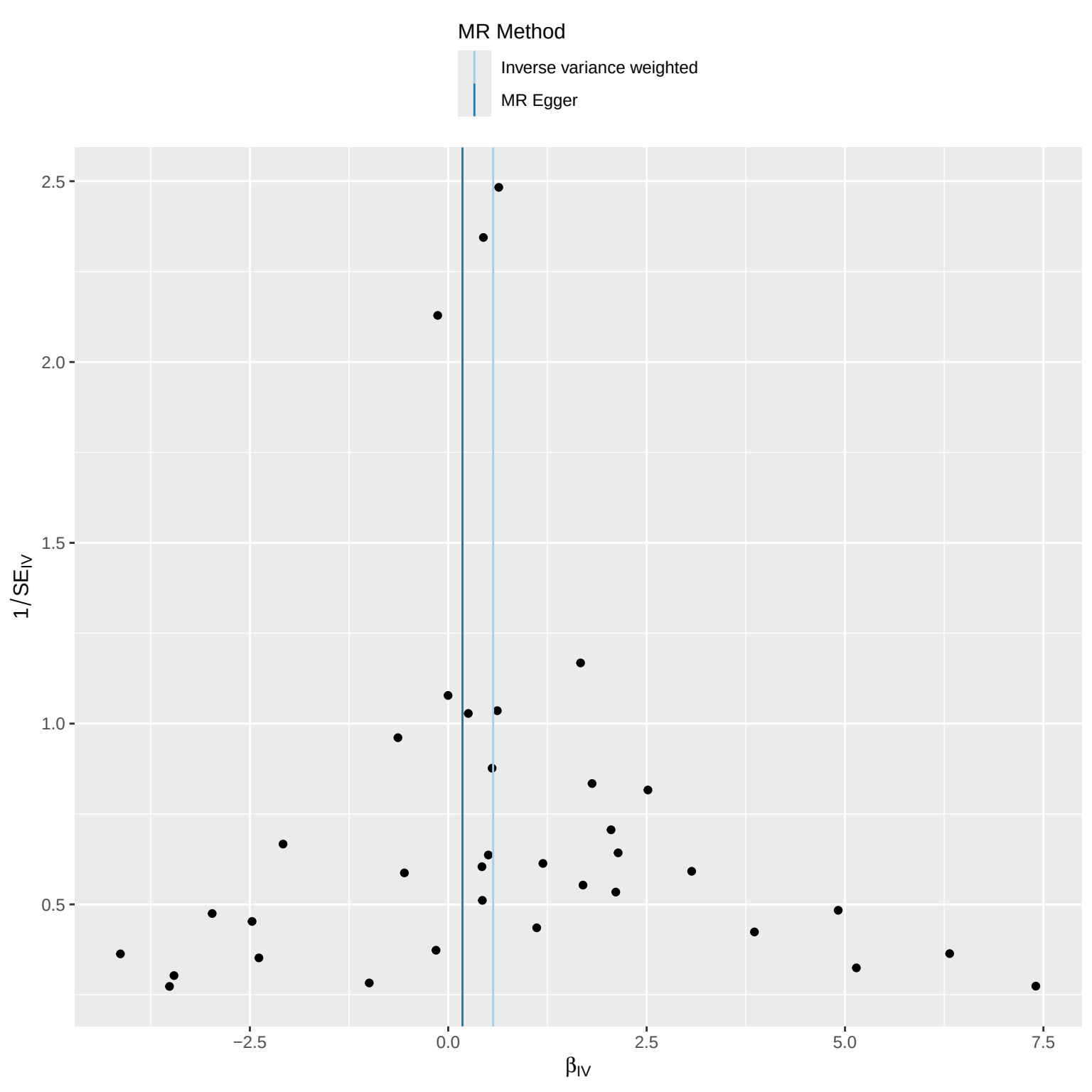

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

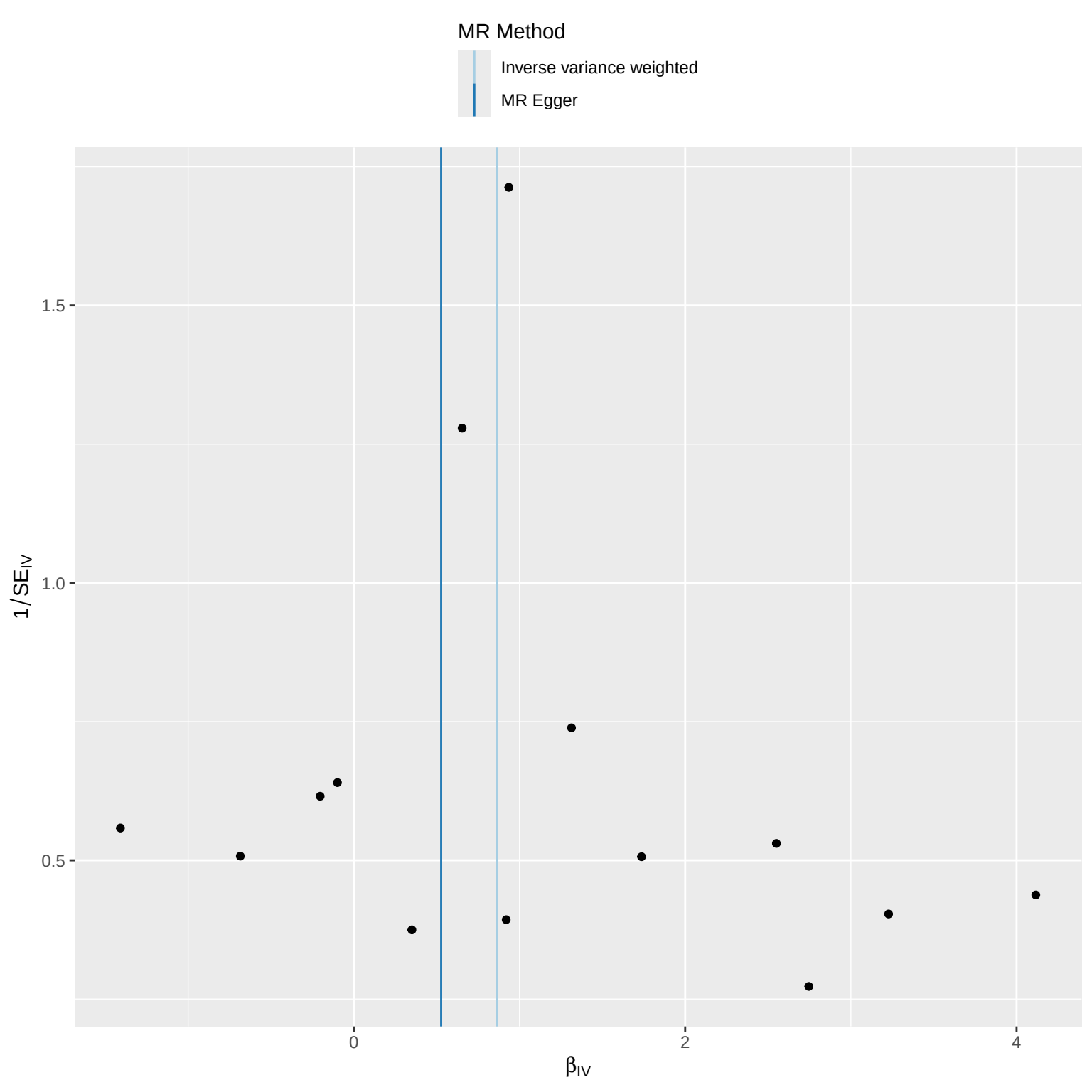

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
0
2
4
6
β_IV

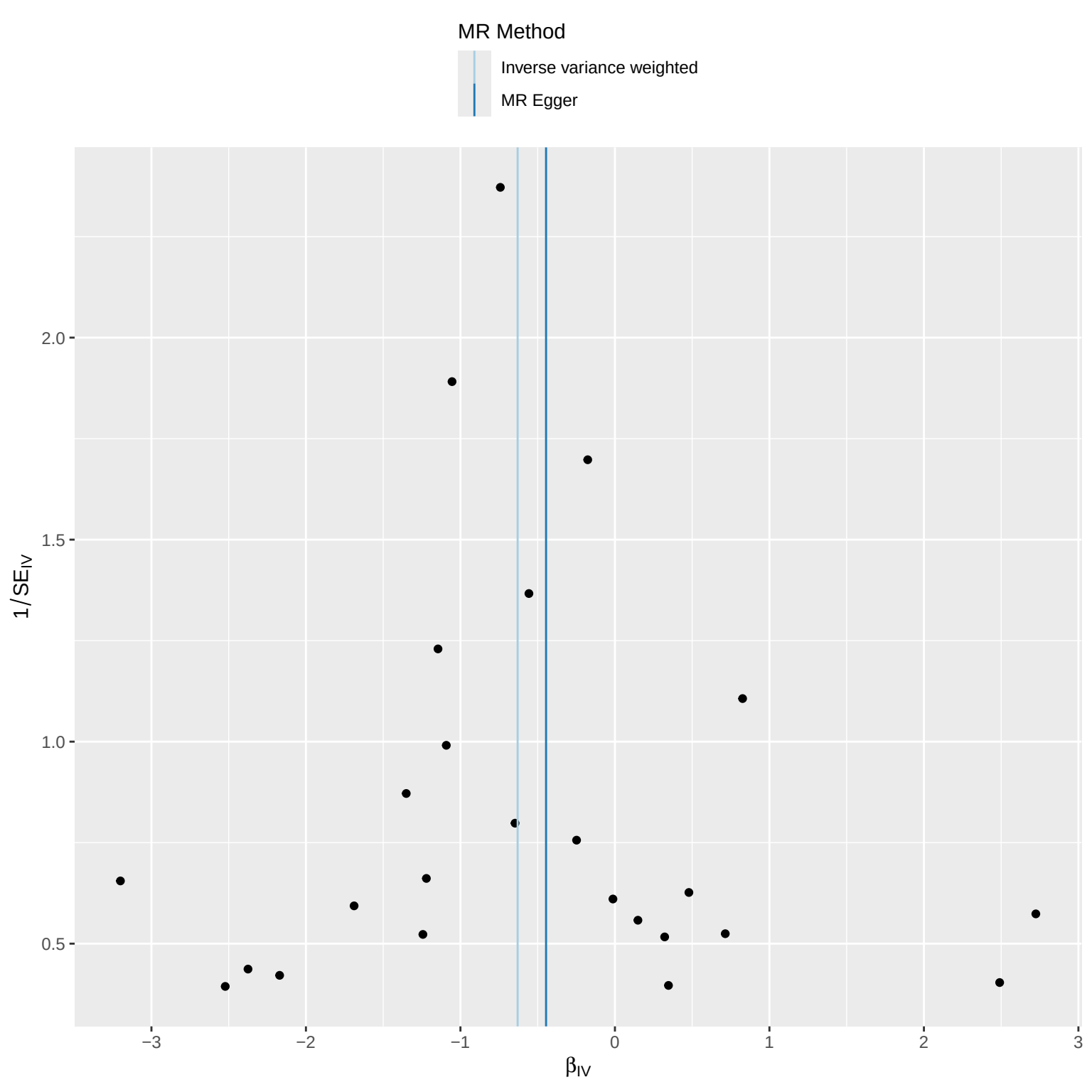

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

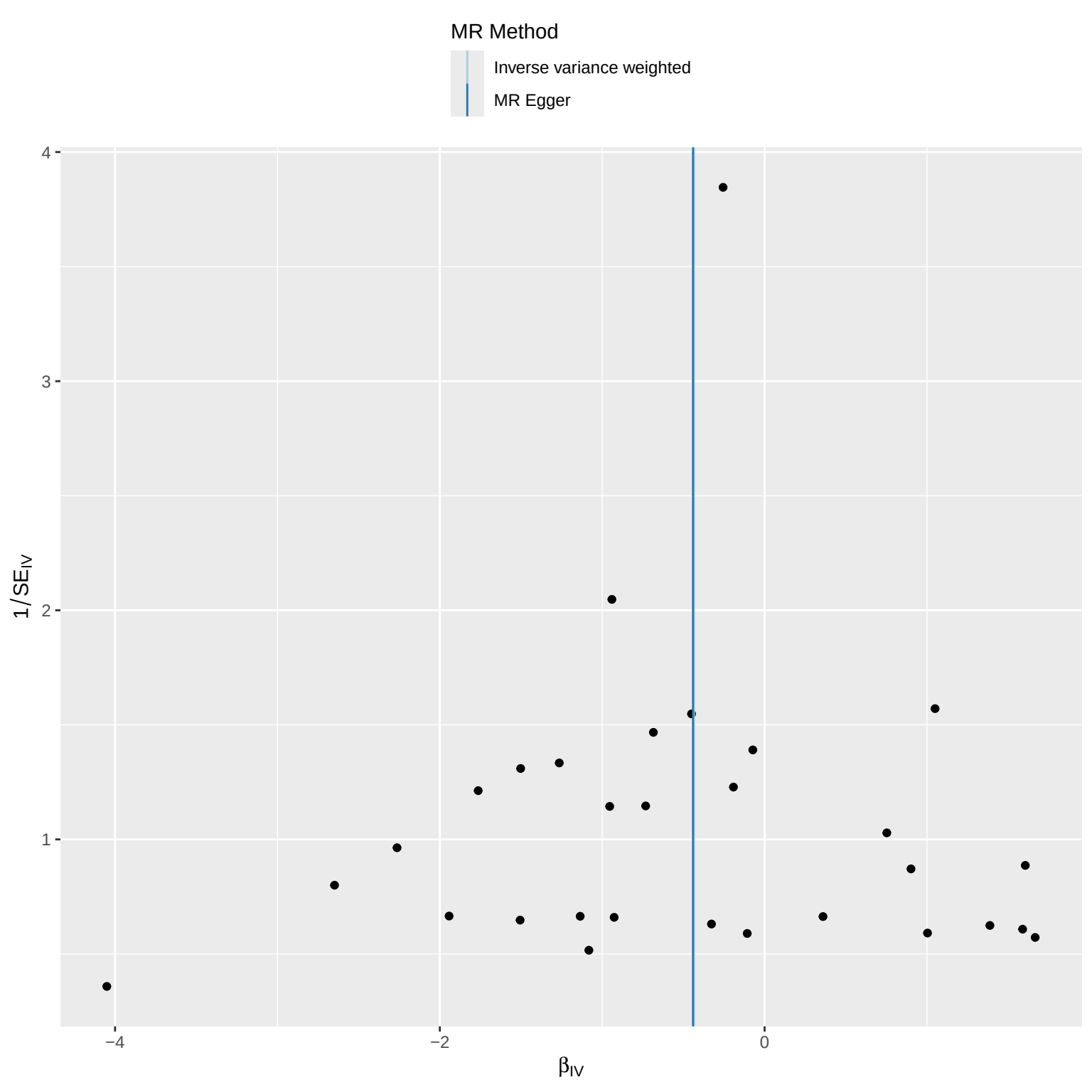

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
0.9
0.8
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

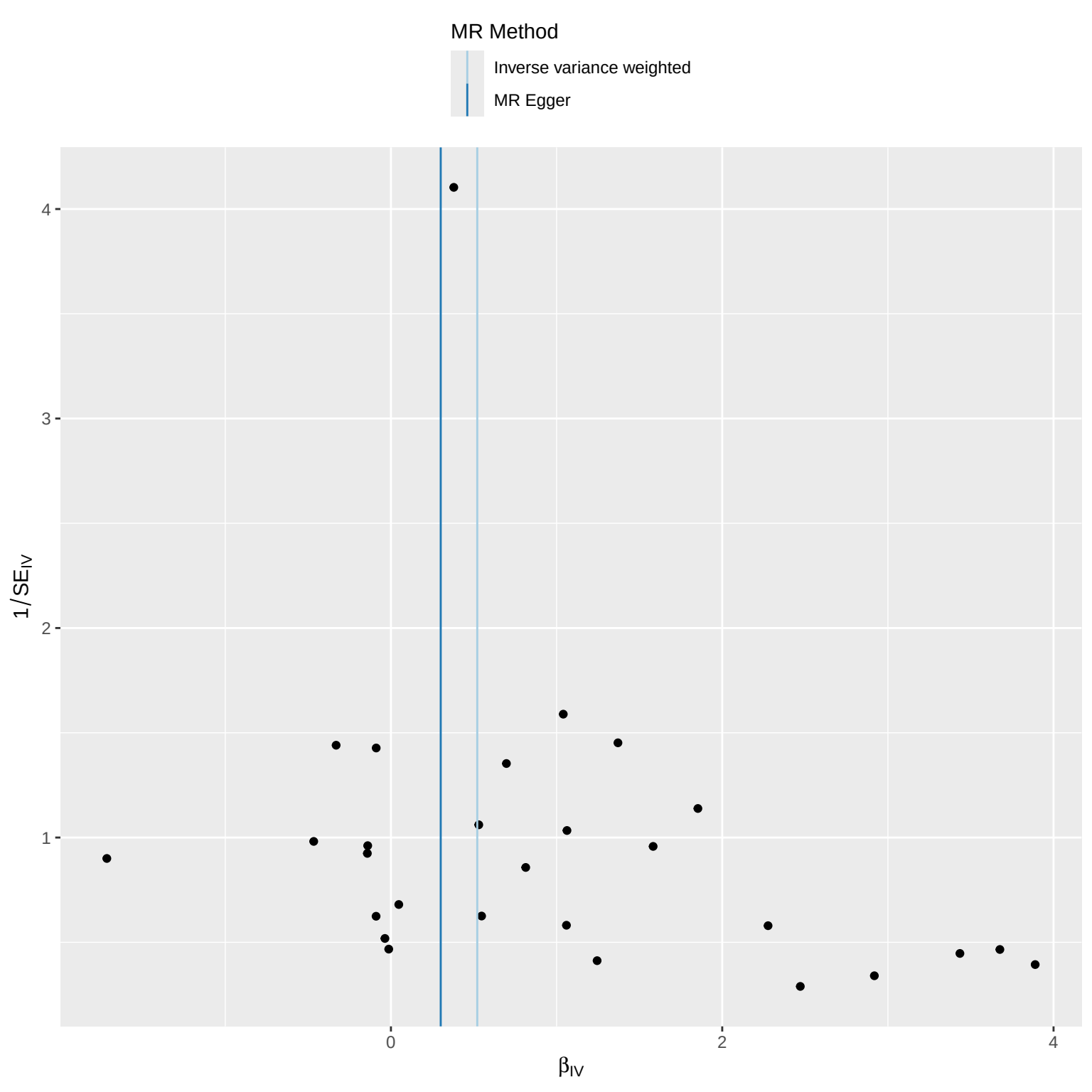

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

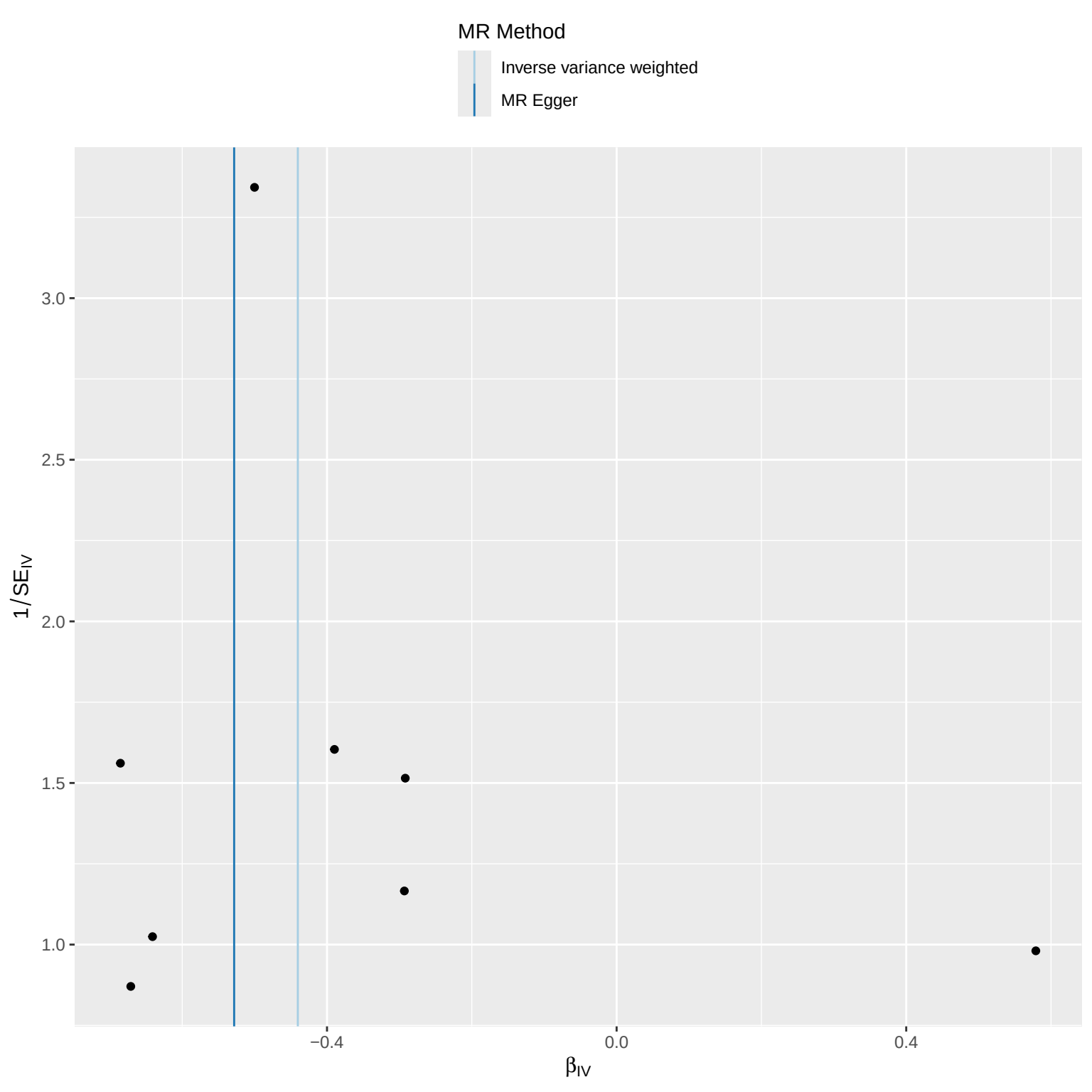

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
7.5
β_IV

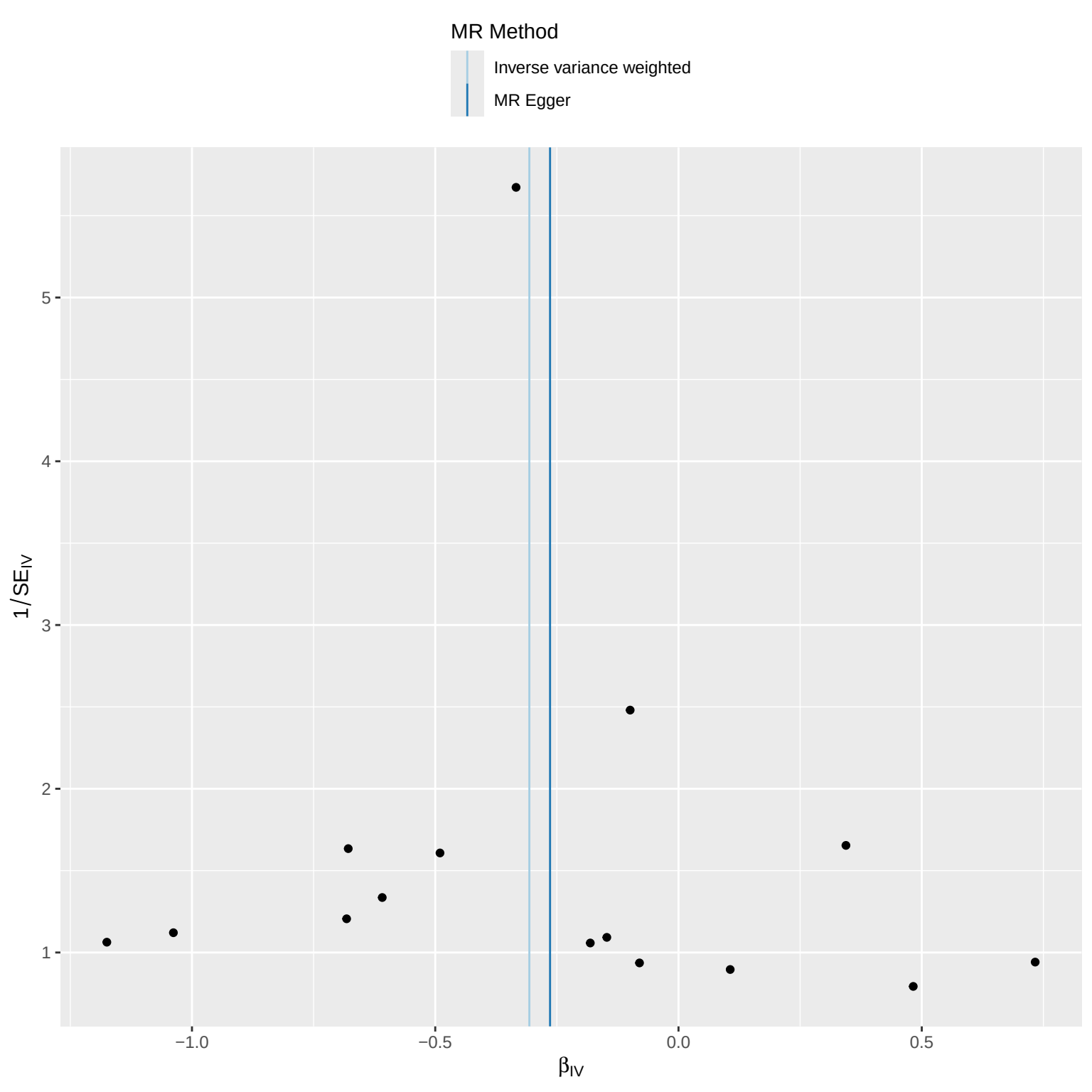

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

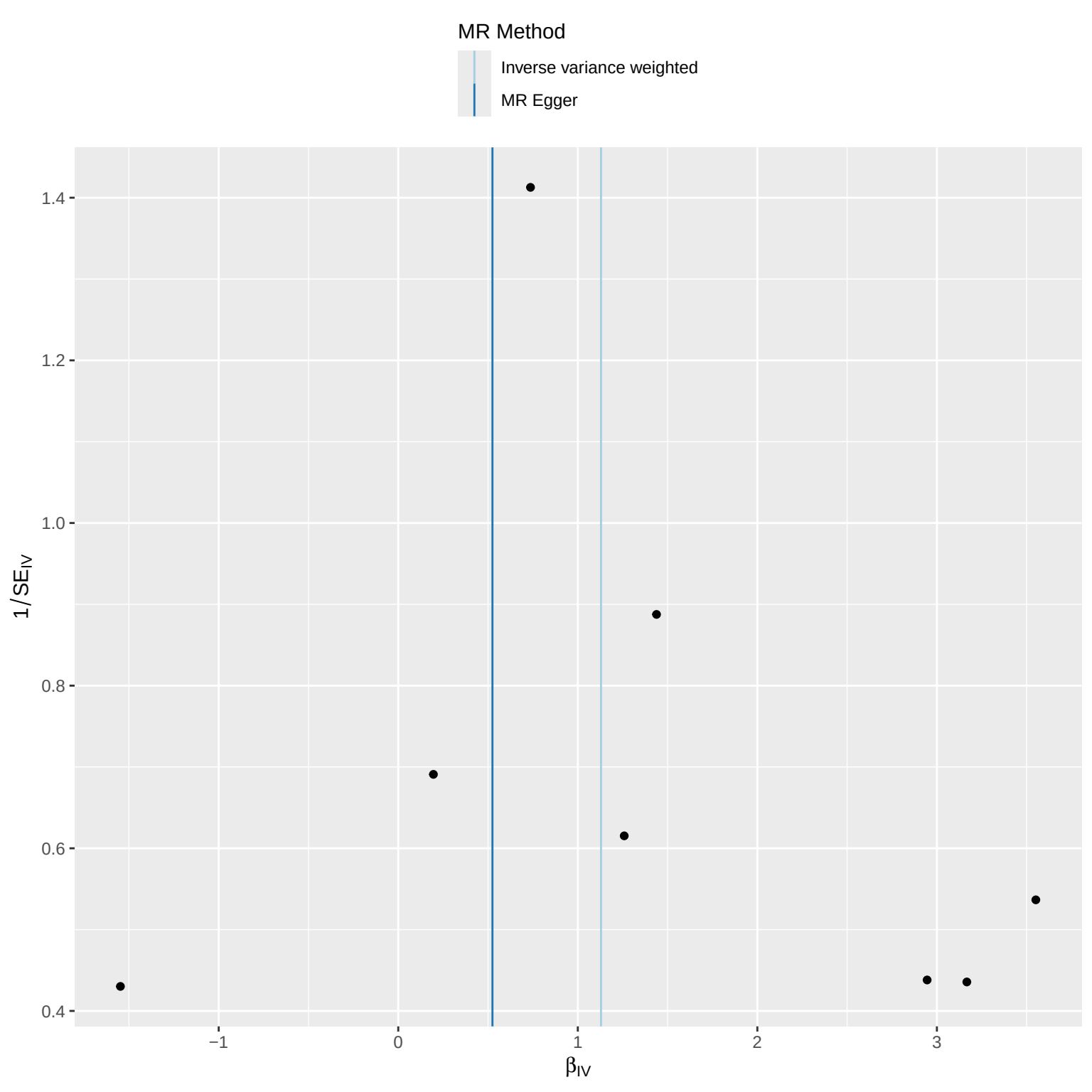

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

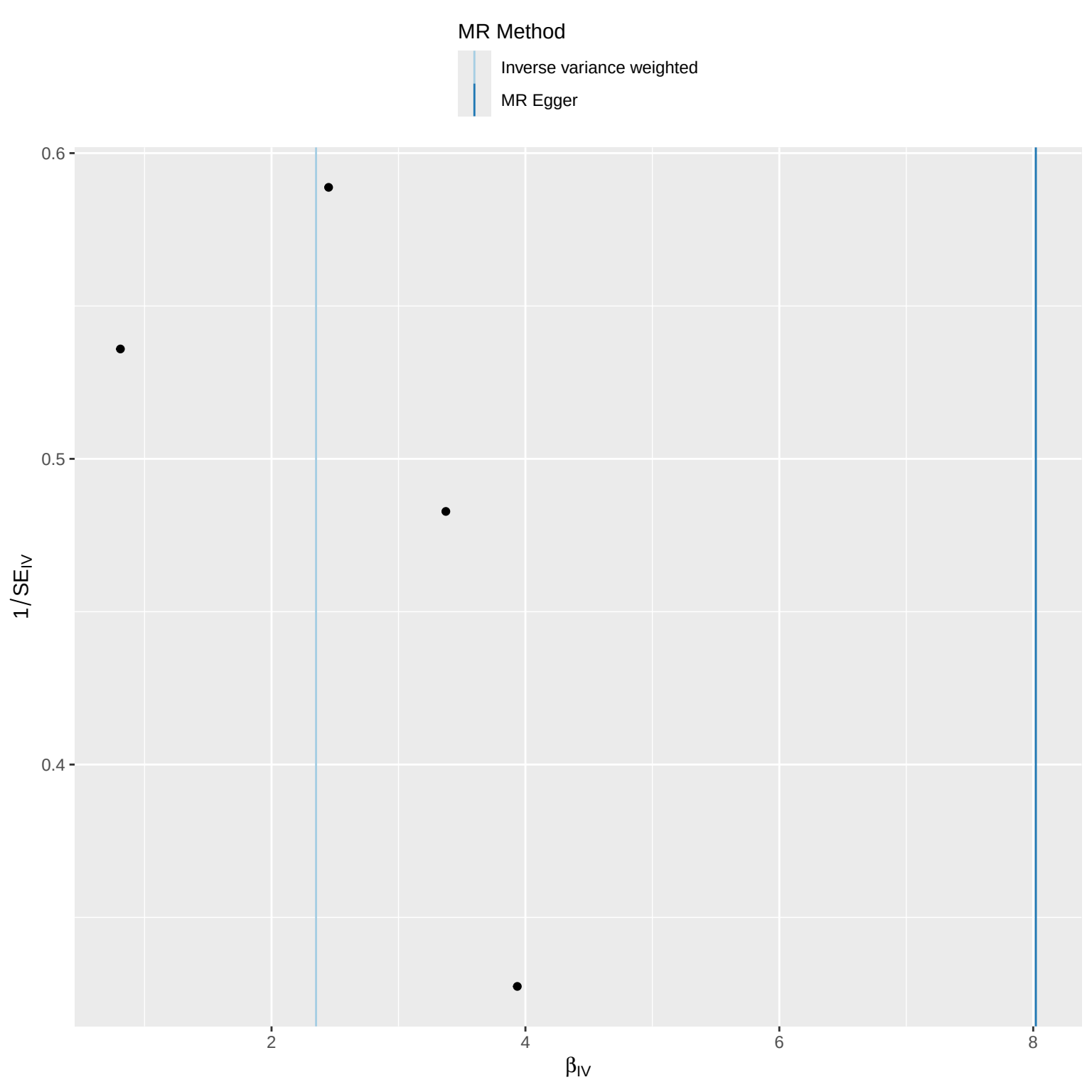

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
β_IV

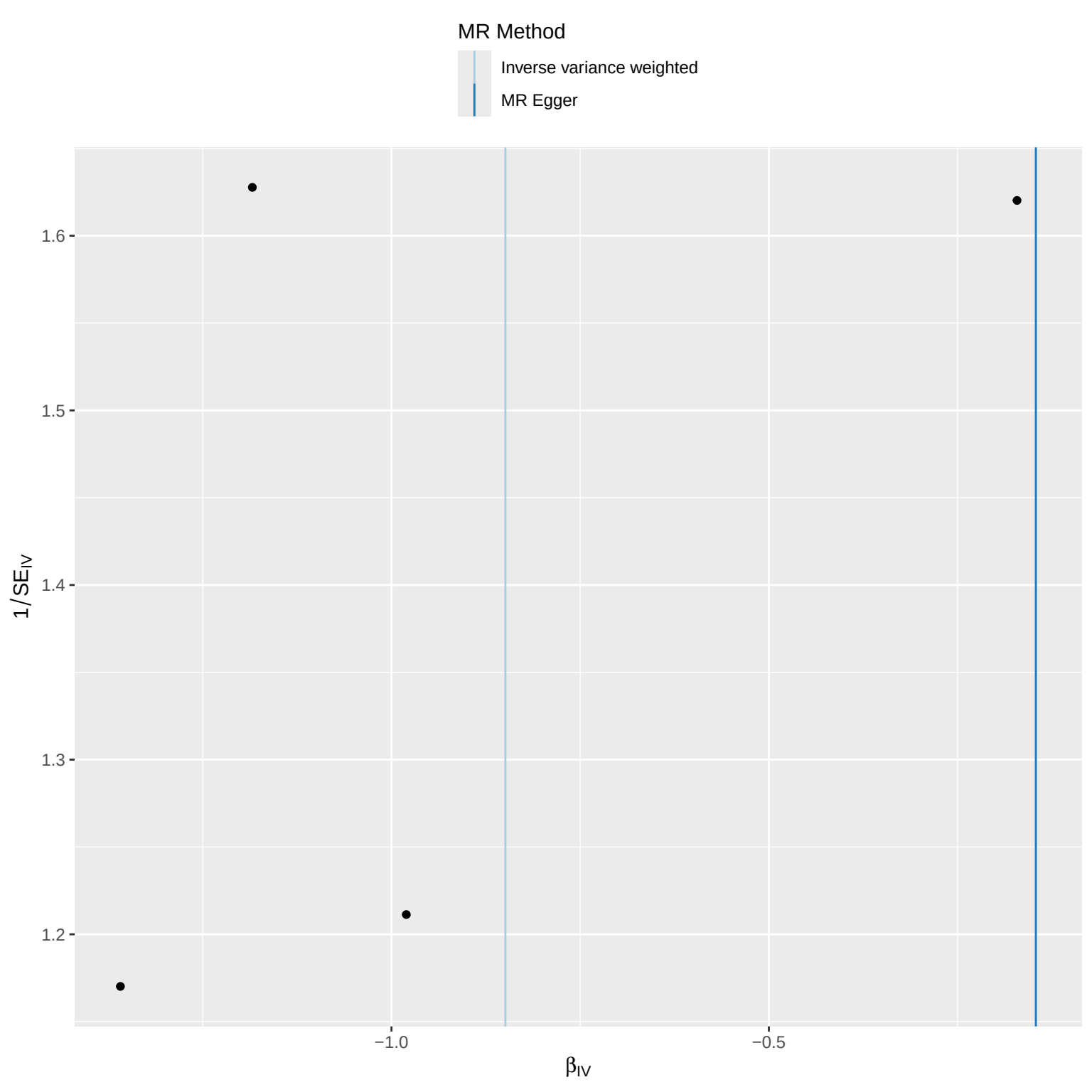

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
2
4
1/SE_IV
β_IV

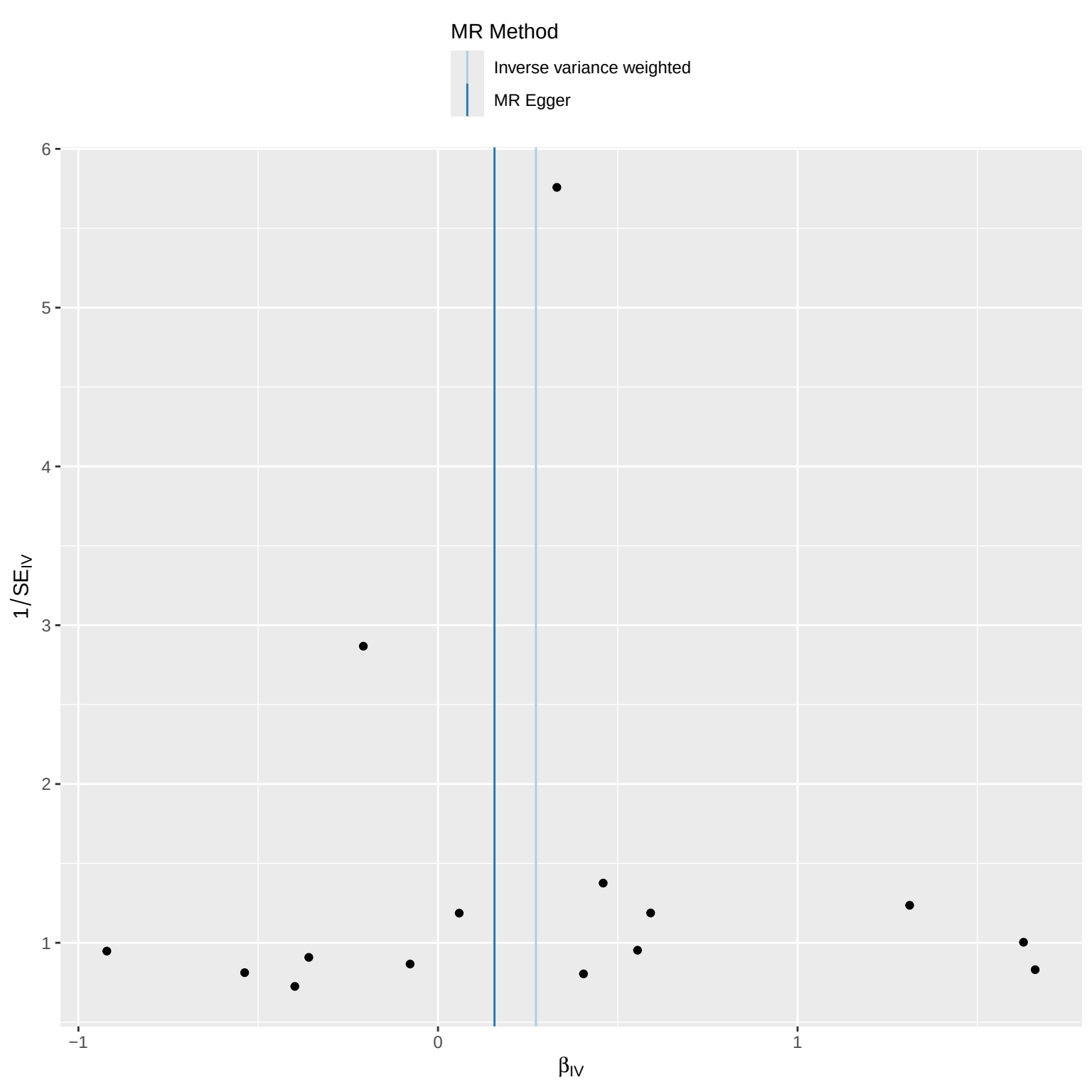

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.4
0.0
0.4
β_IV

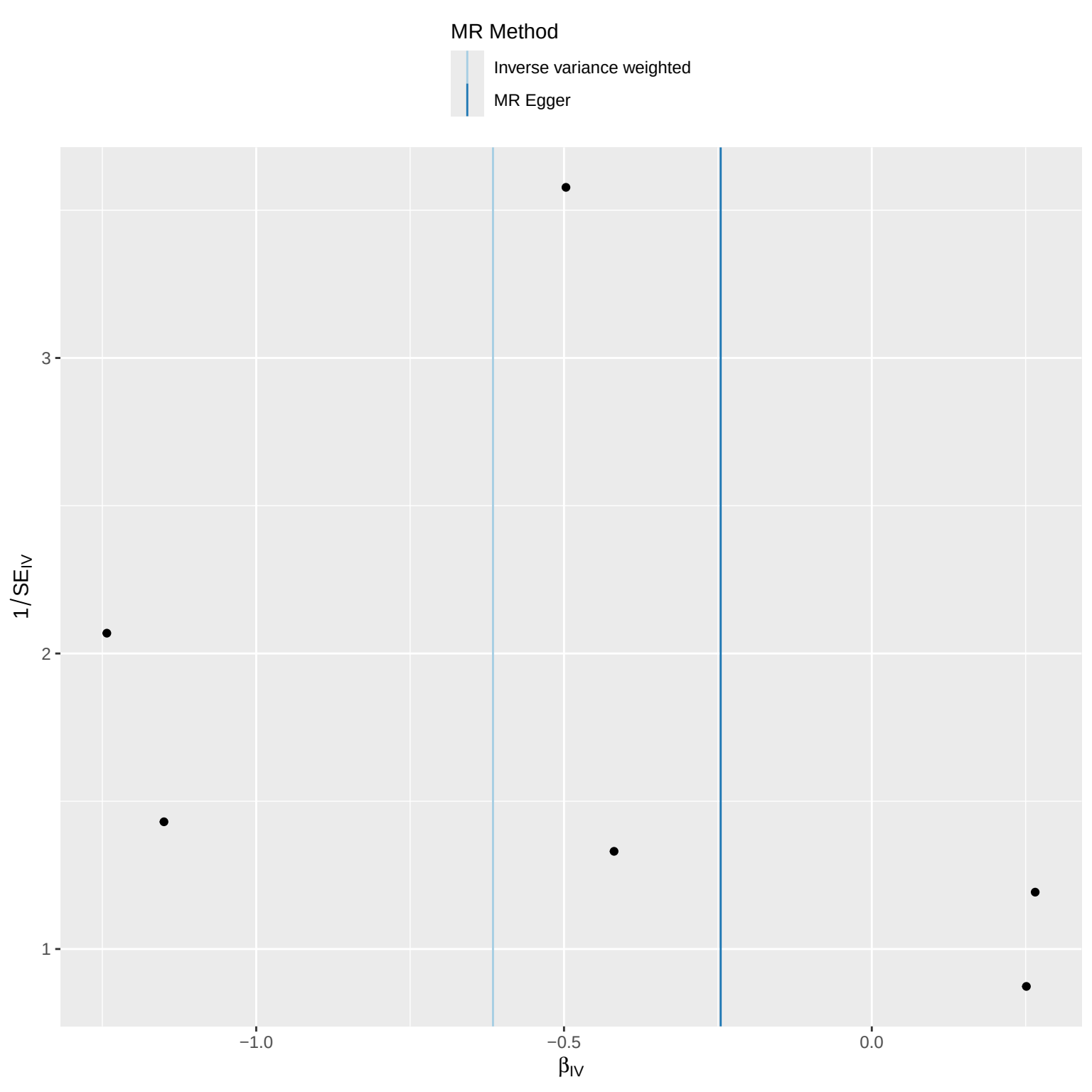

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

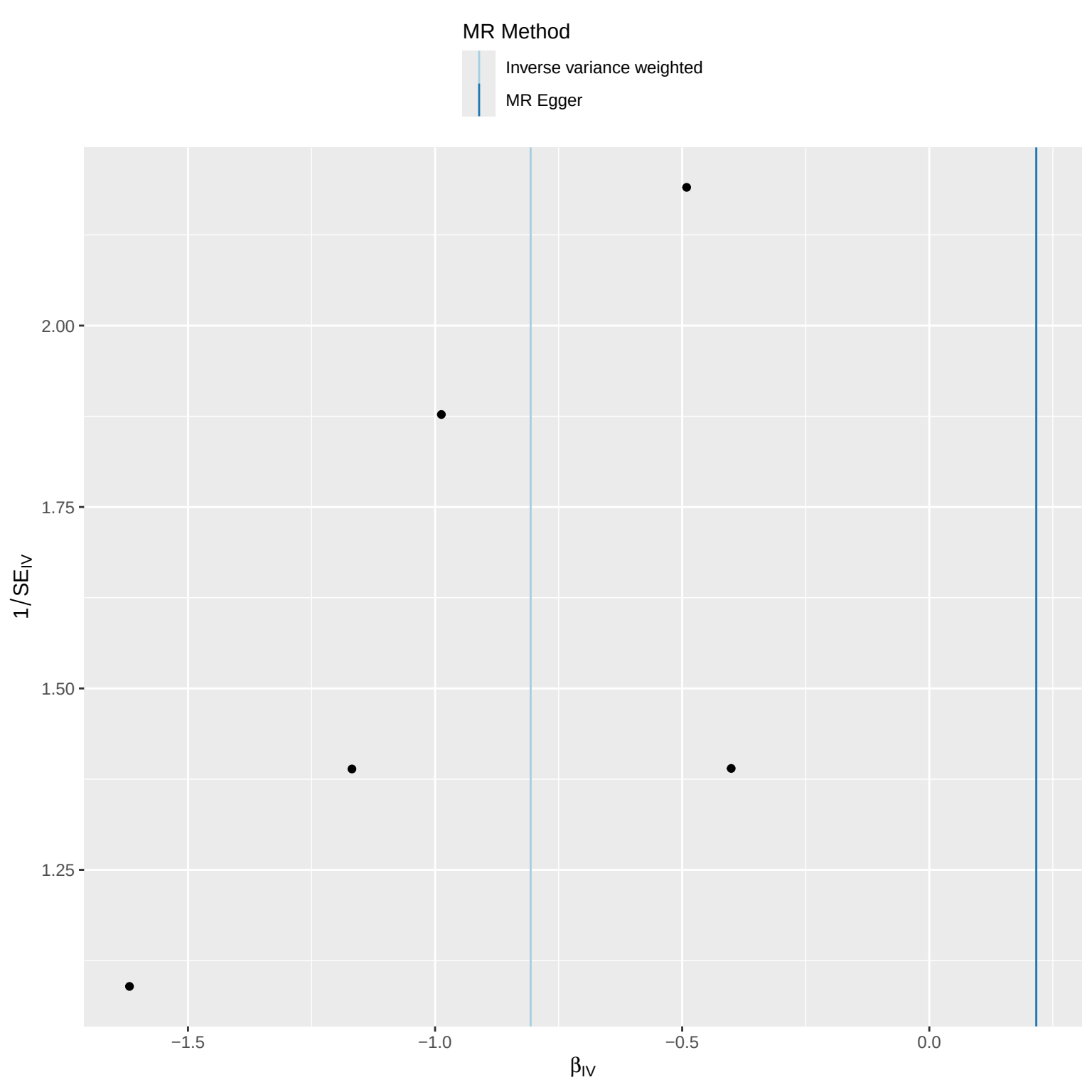

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−1
0
1
2
3
β_IV

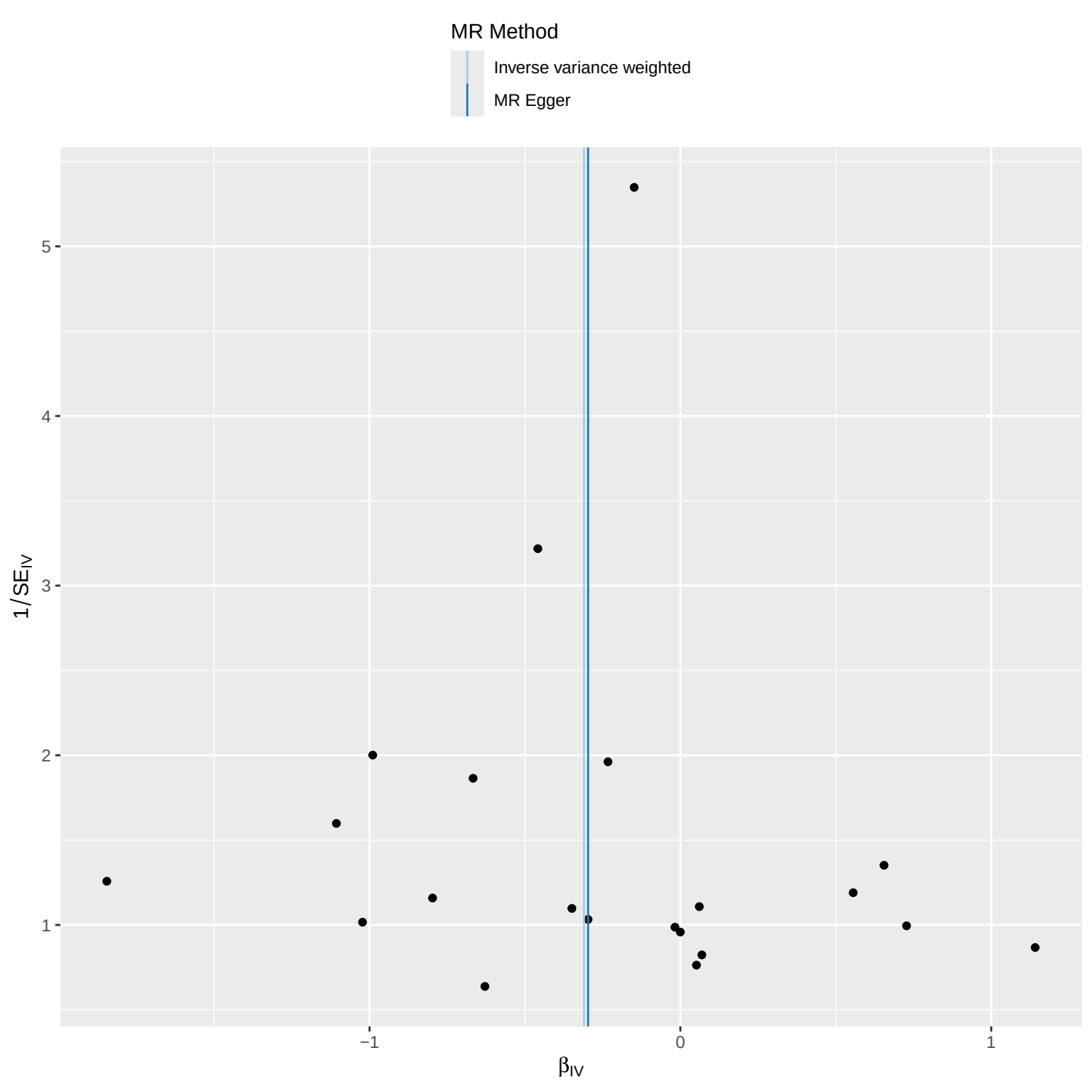

MR Method
Inverse variance weighted
MR Egger
0.6
0.5
0.4
1/SE_IV
2
4
6
8
β_IV

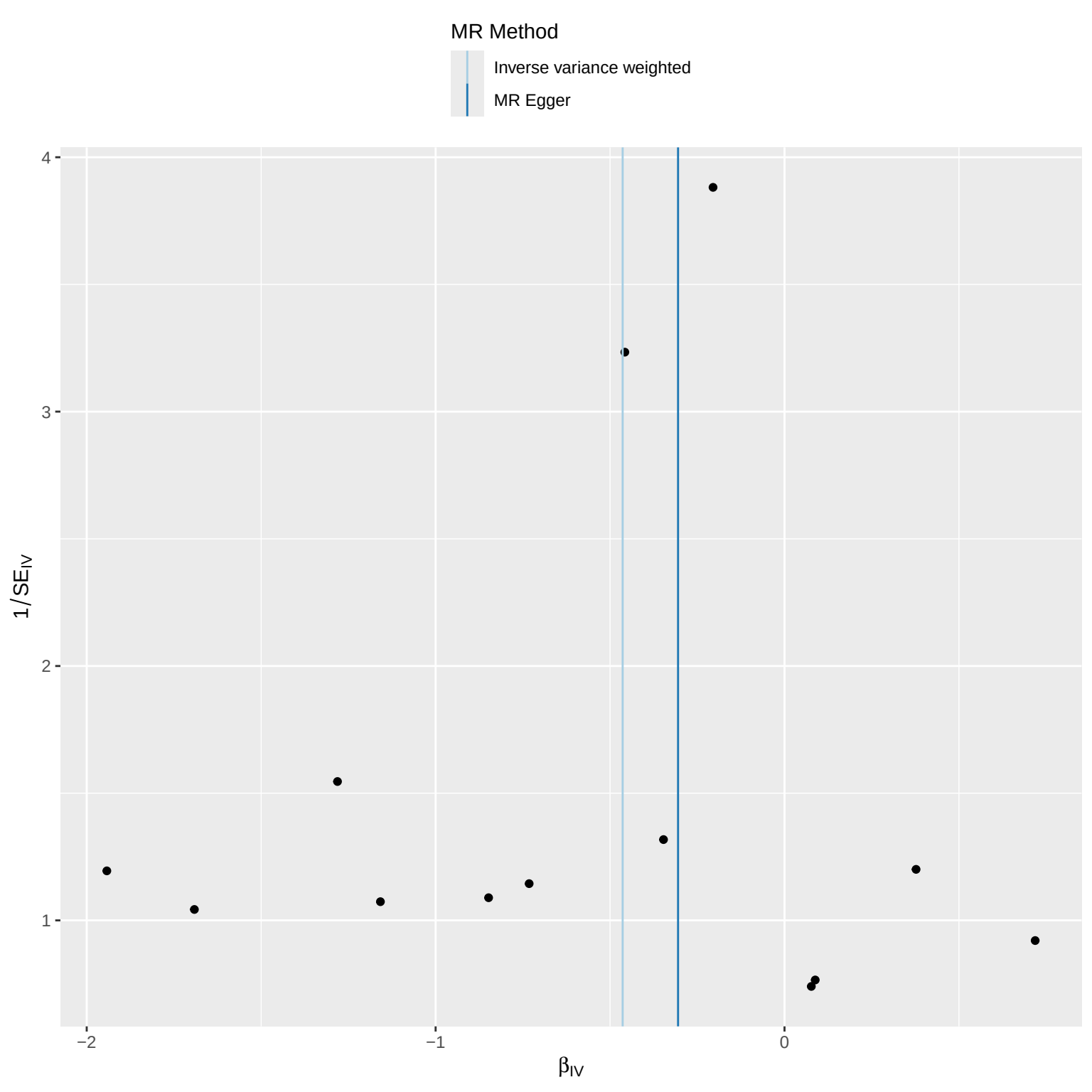

MR Method
Inverse variance weighted
MR Egger
1.6
1.5
1.4
1.3
1.2
1/SE_IV
−1.0
−0.5
β_IV

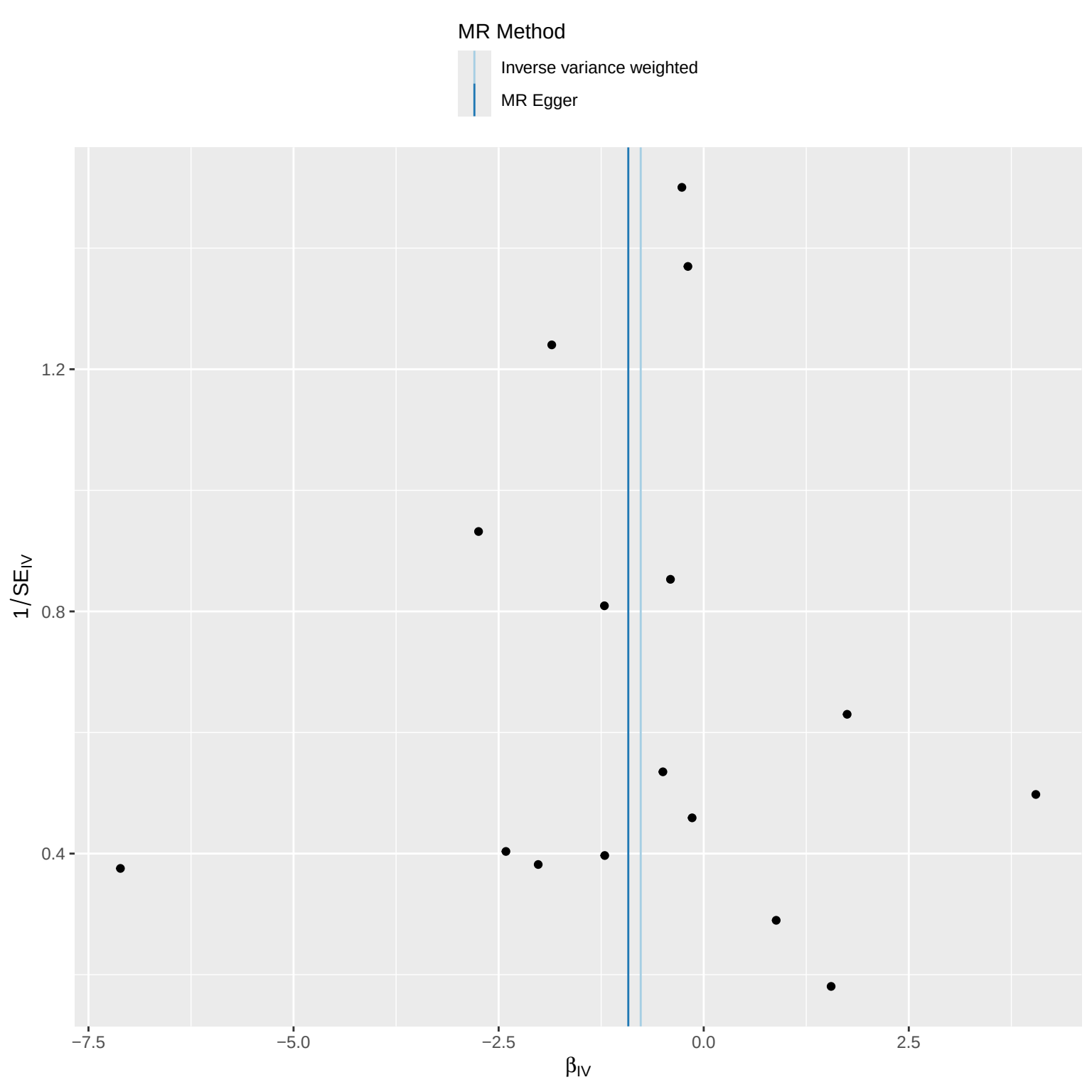

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

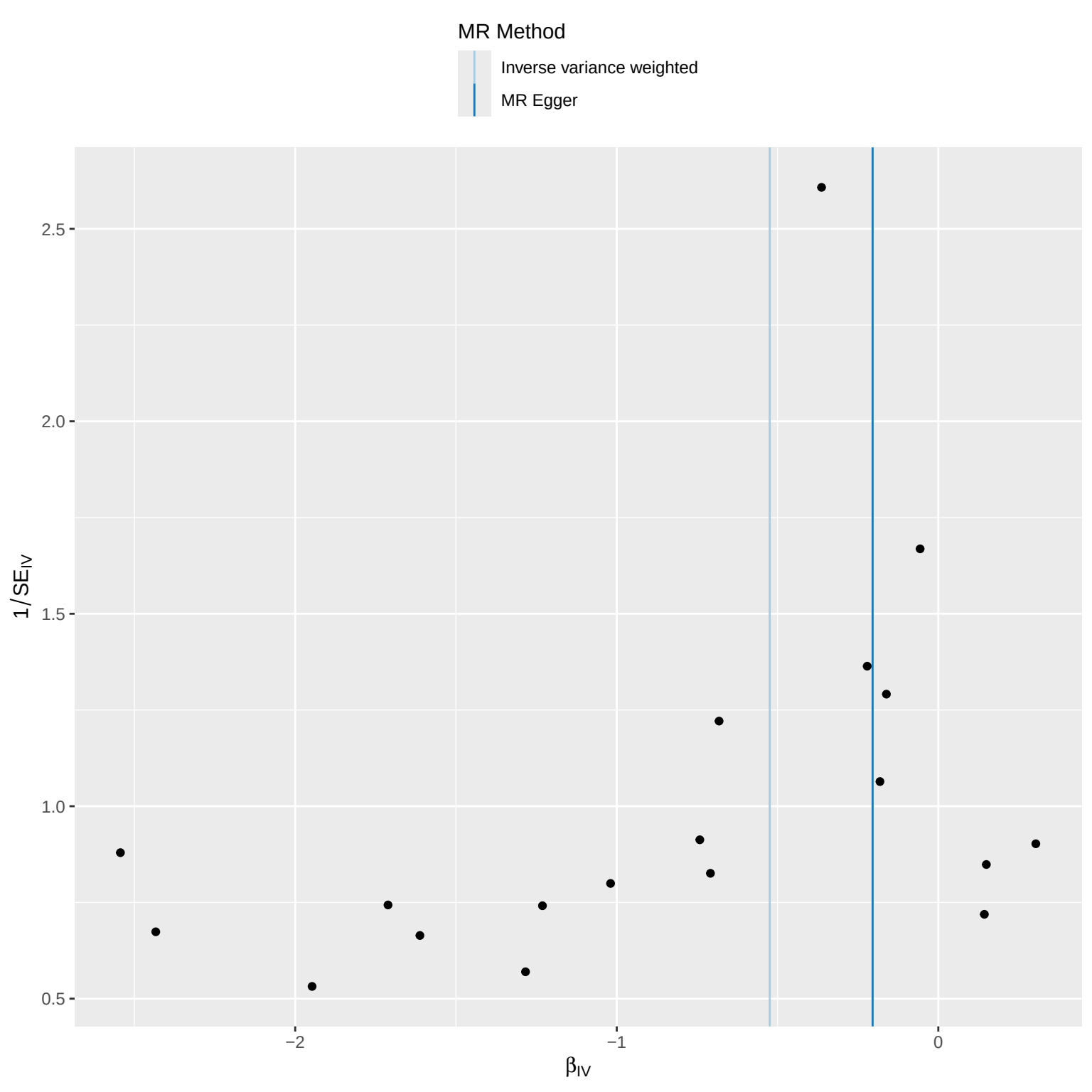

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
β_IV

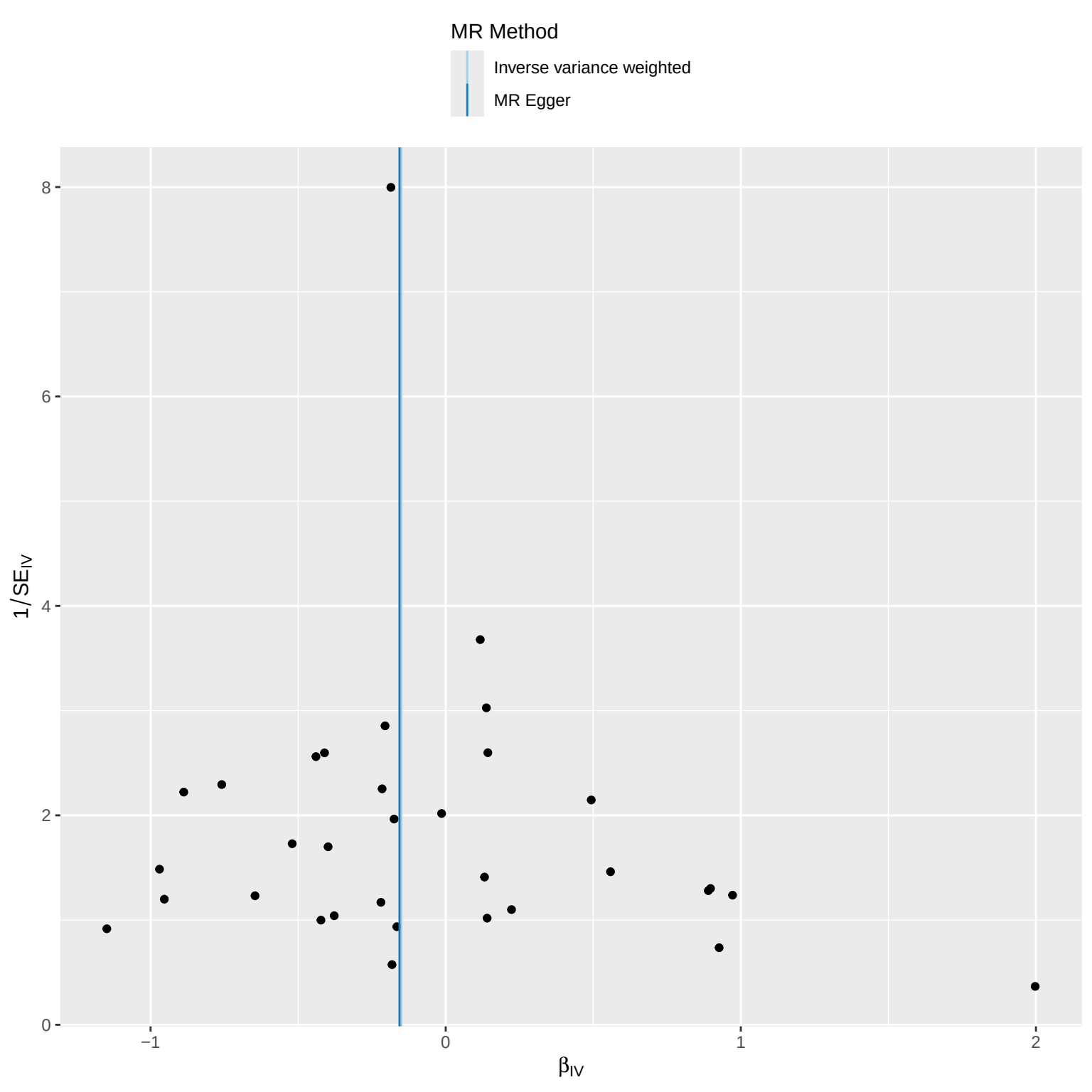

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

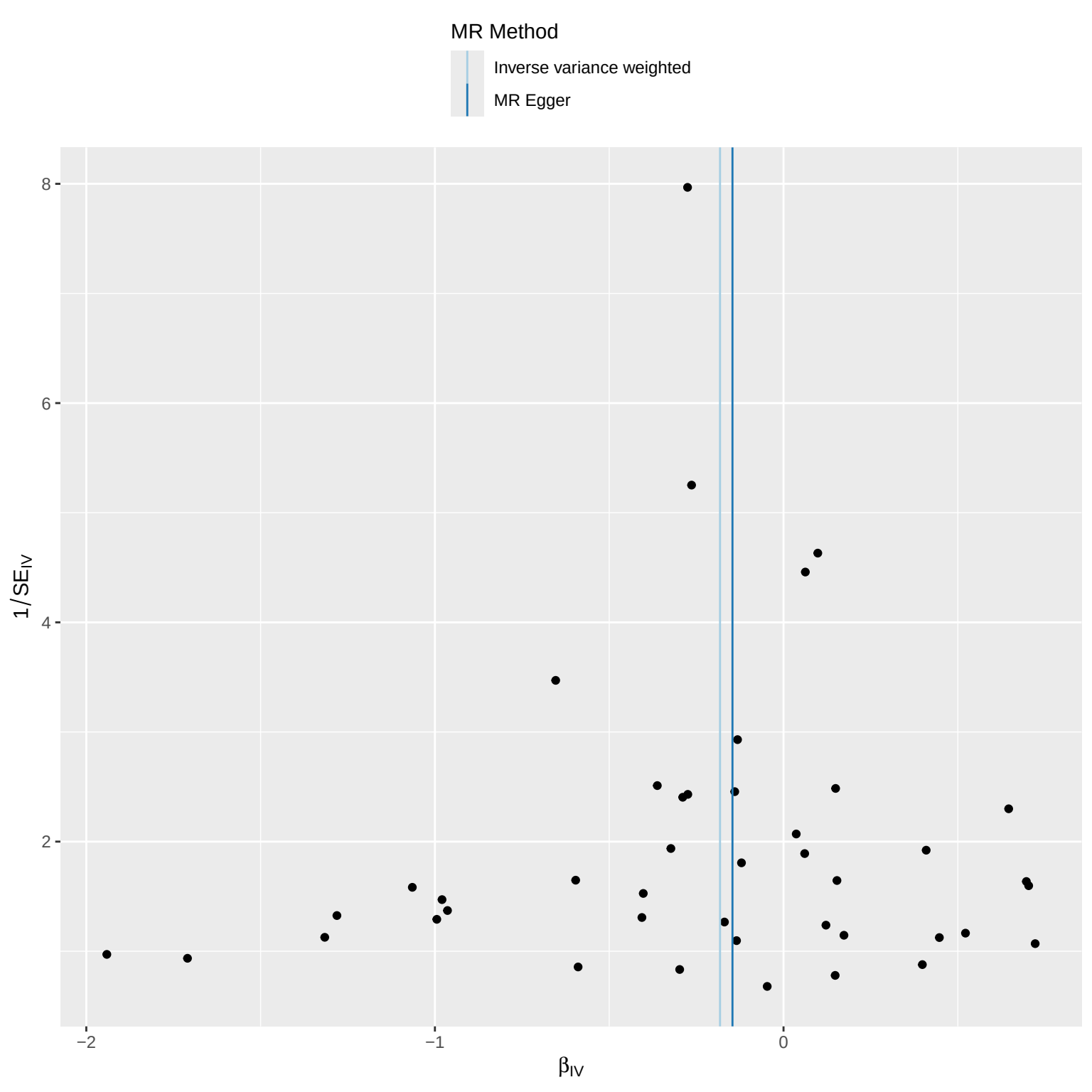

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

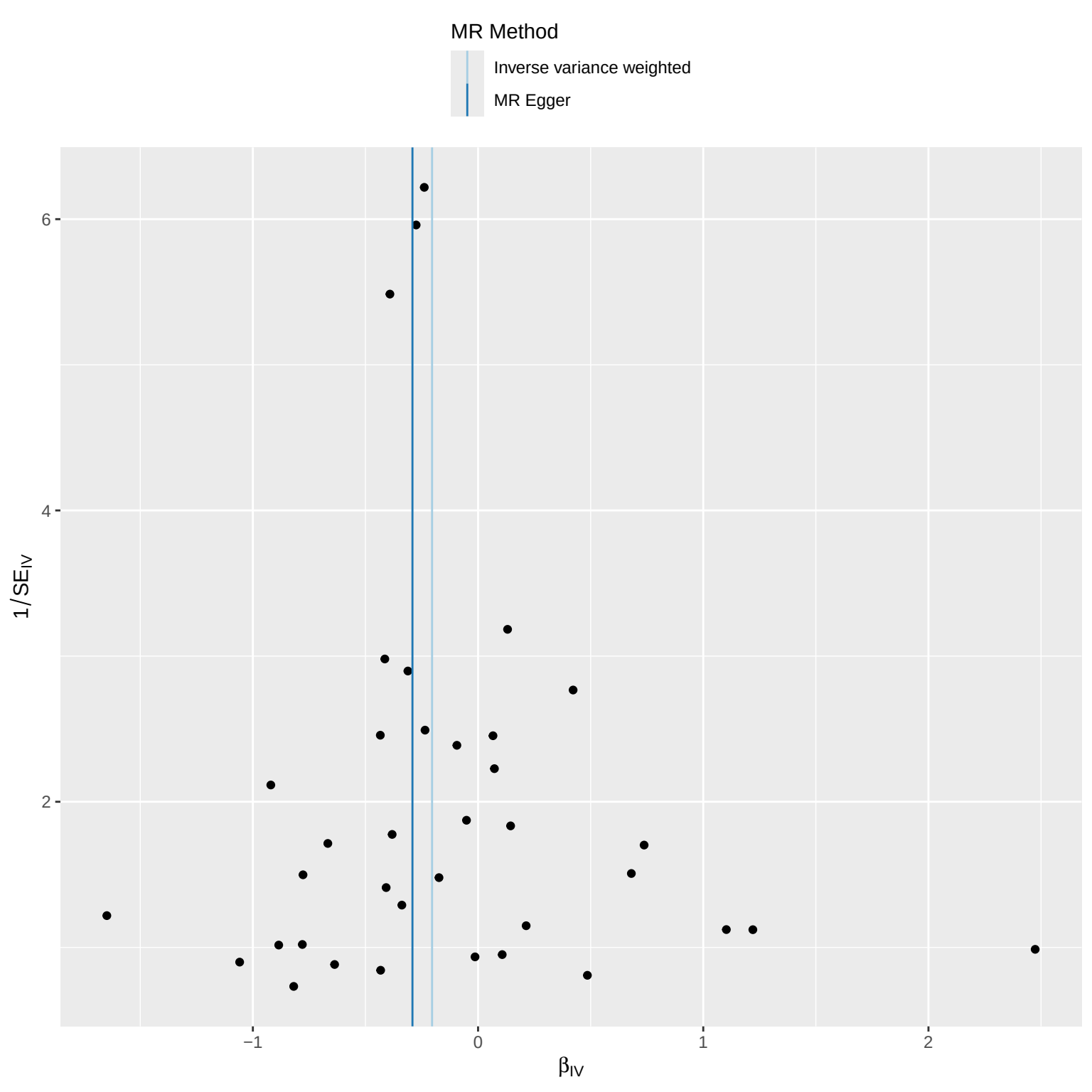

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
−2
−1
0
1/SE_IV
β_IV

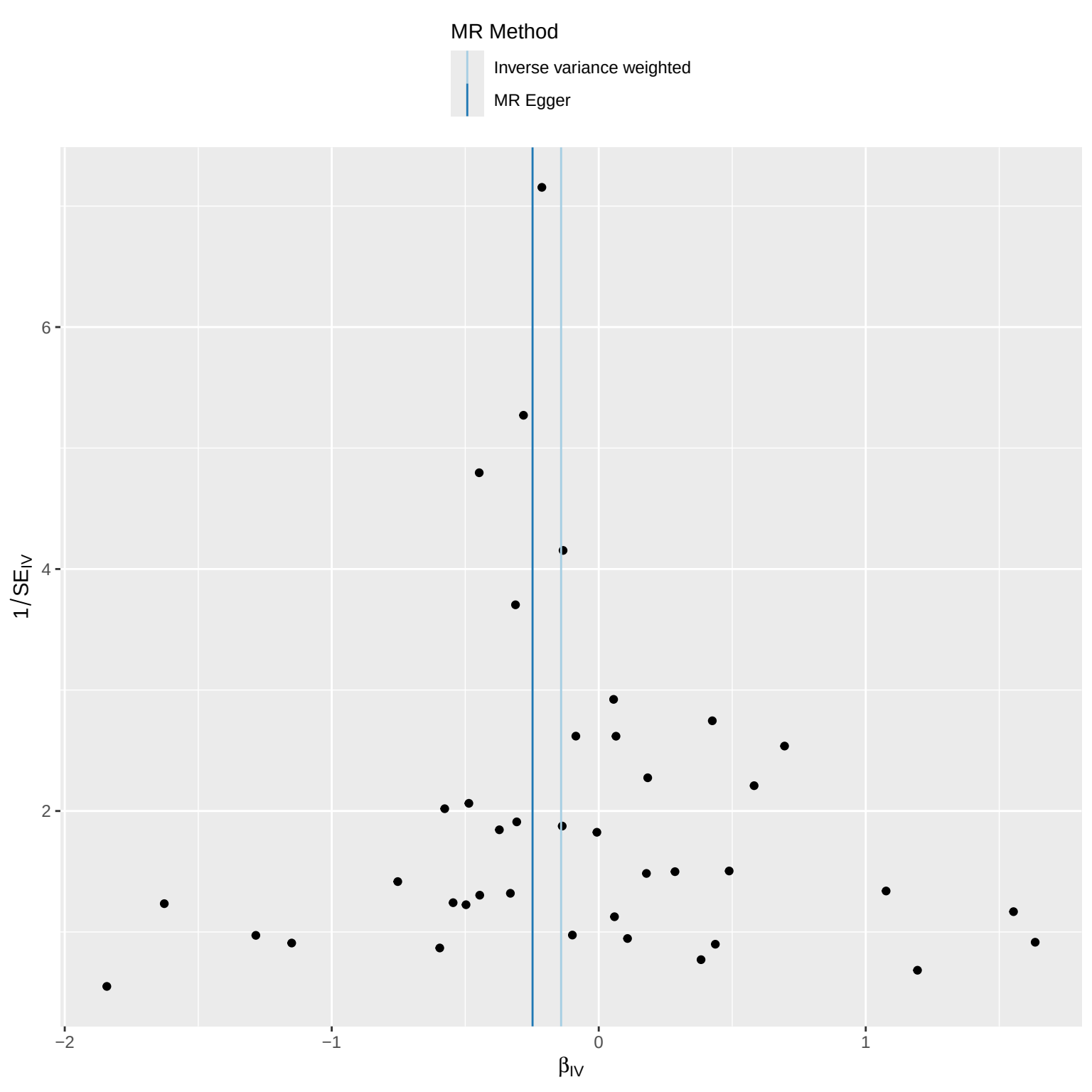

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
β_IV

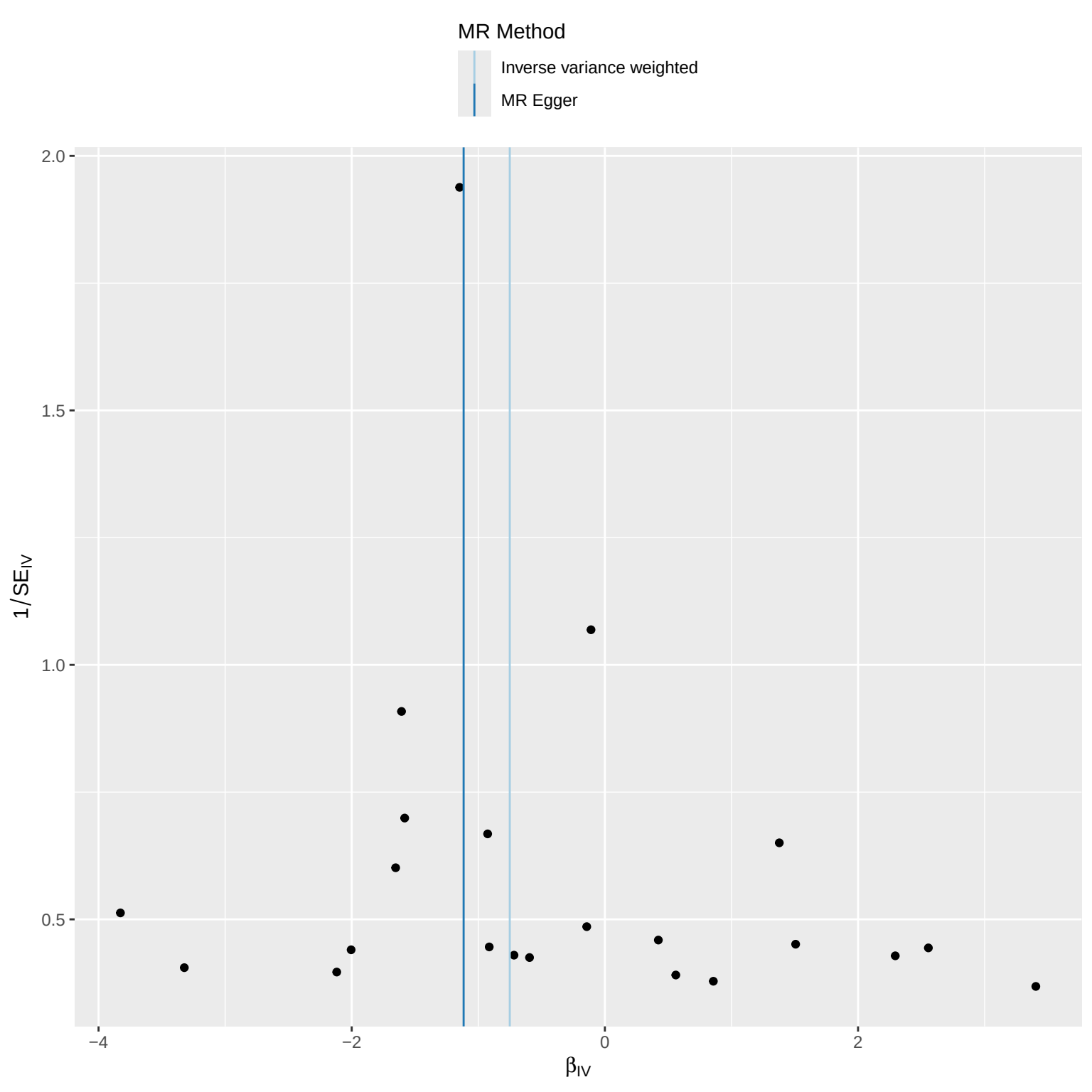

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

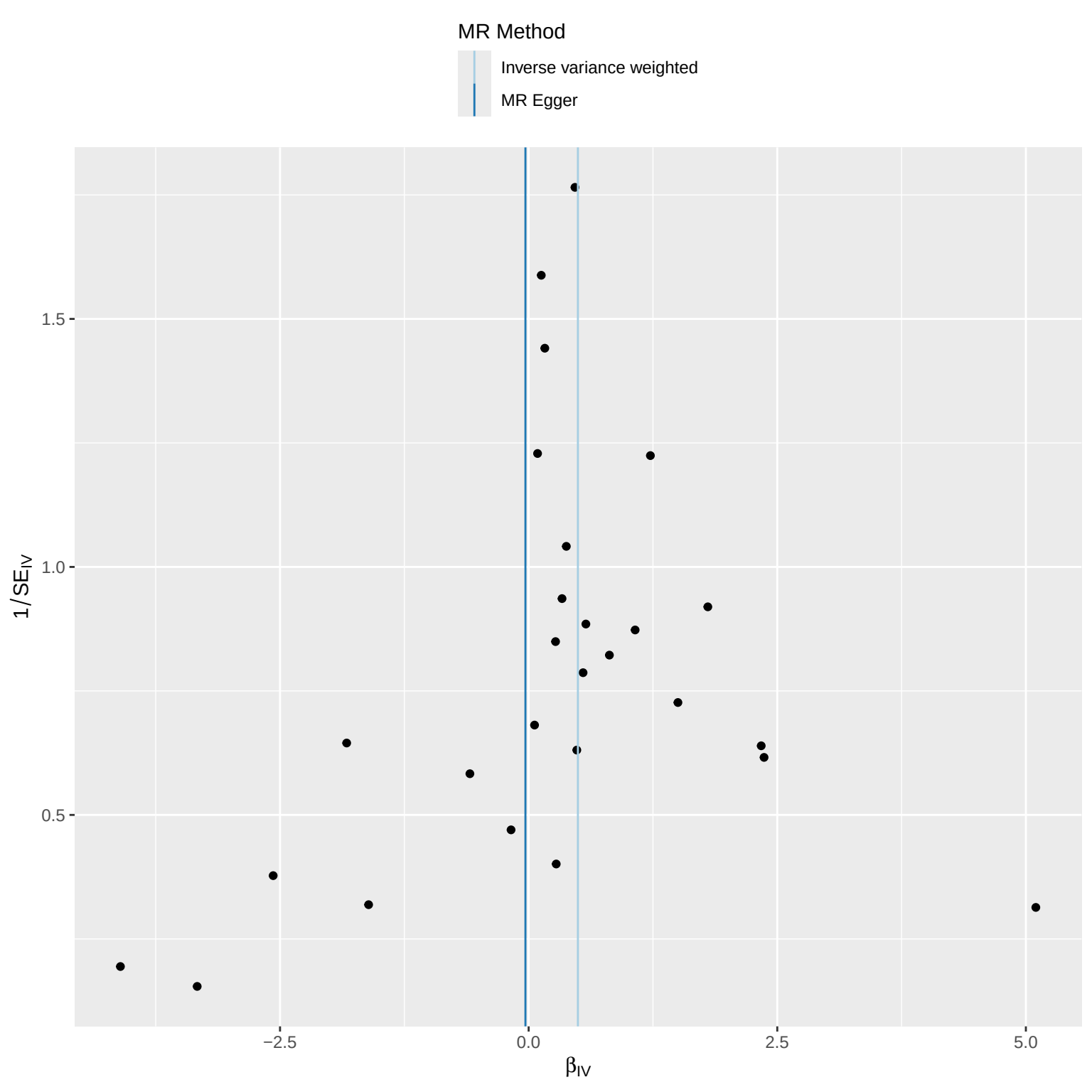

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−1
0
1
2
β_IV

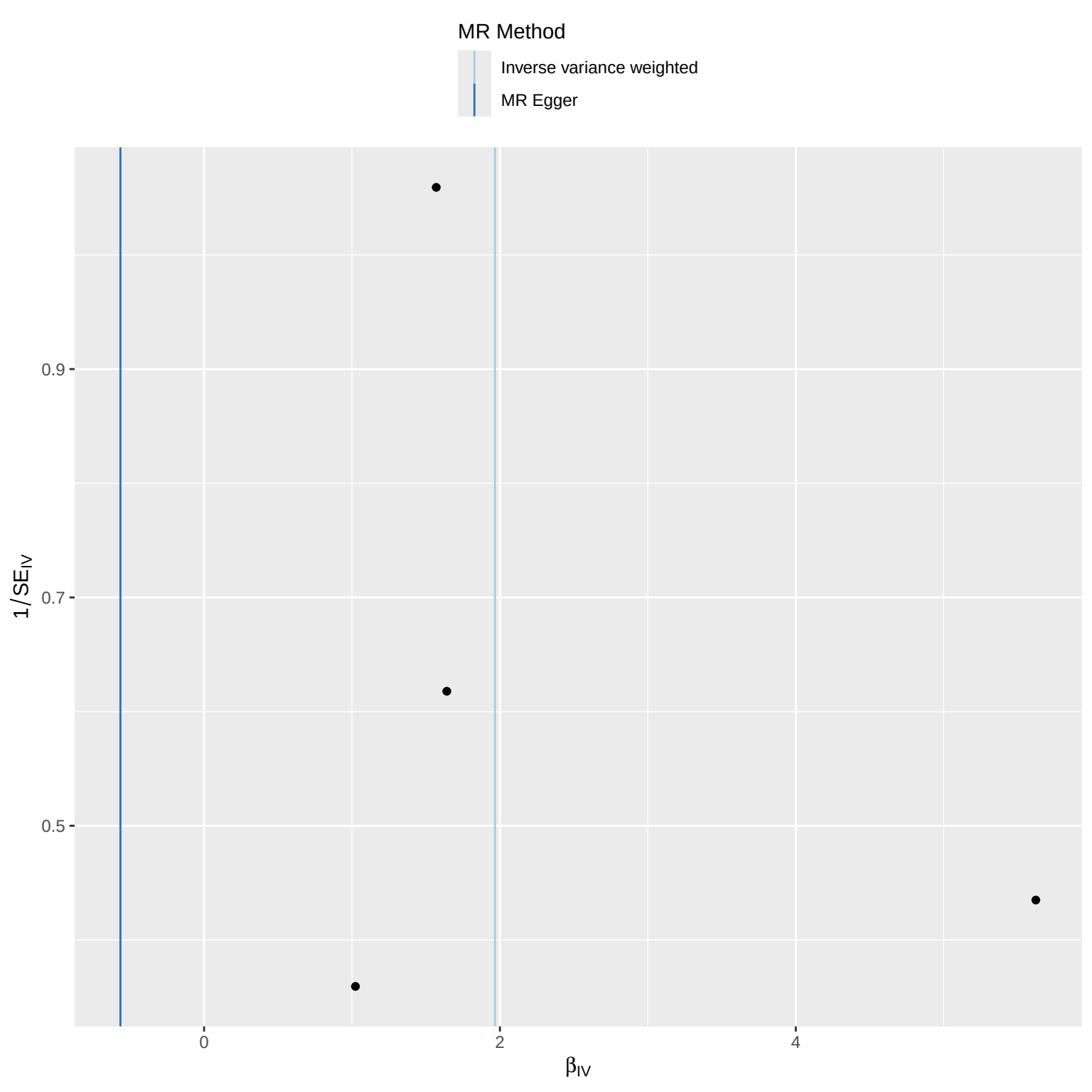

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
β_IV

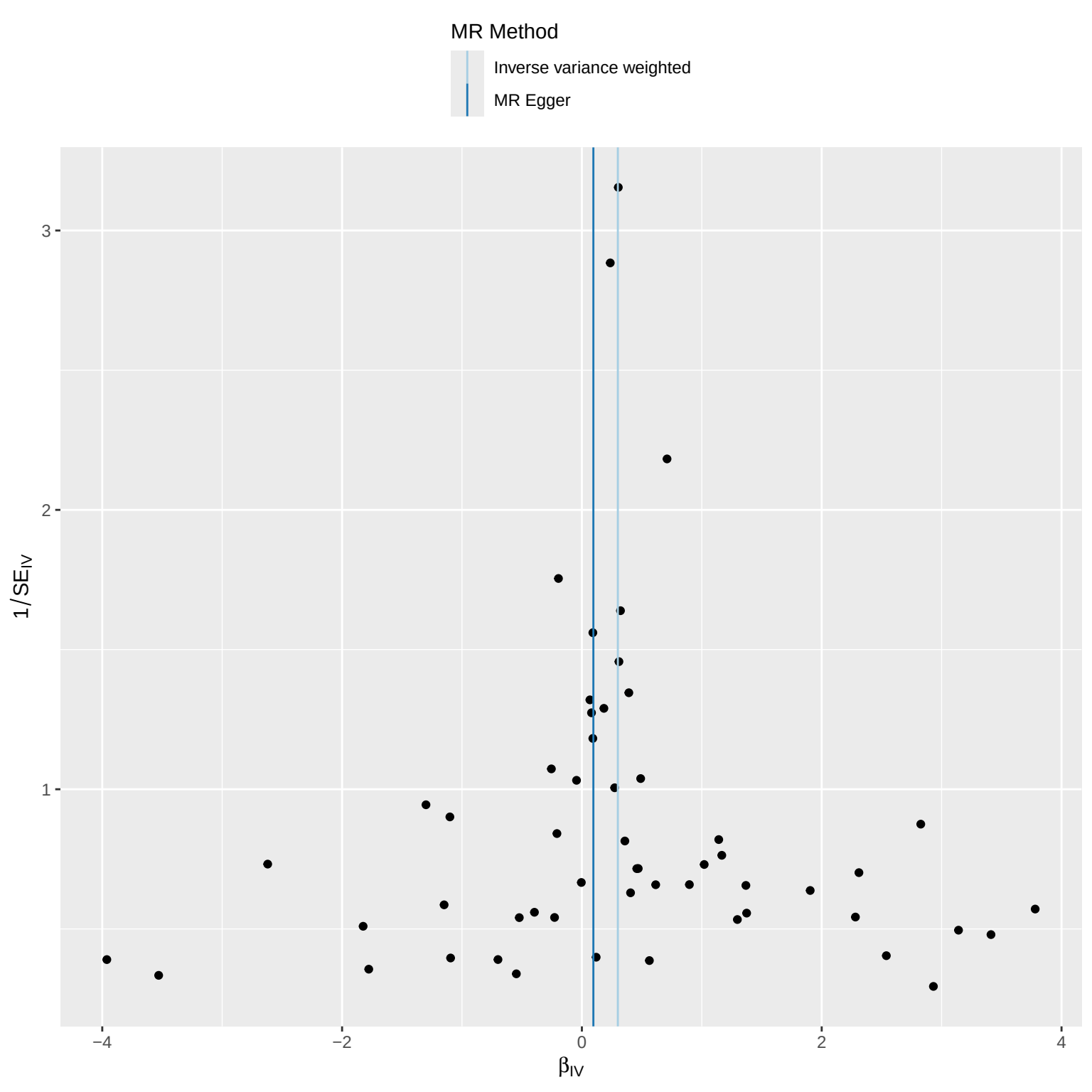

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

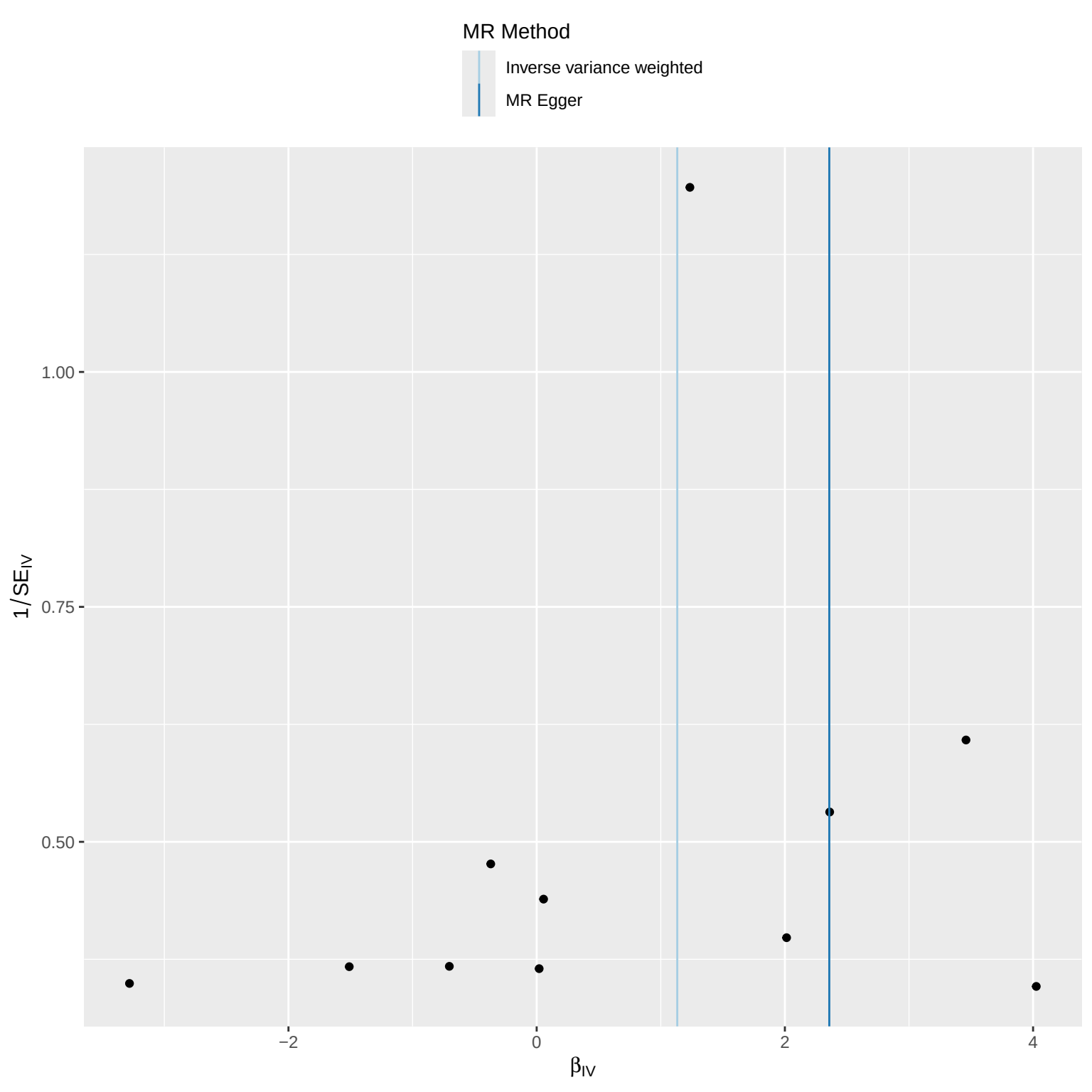

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

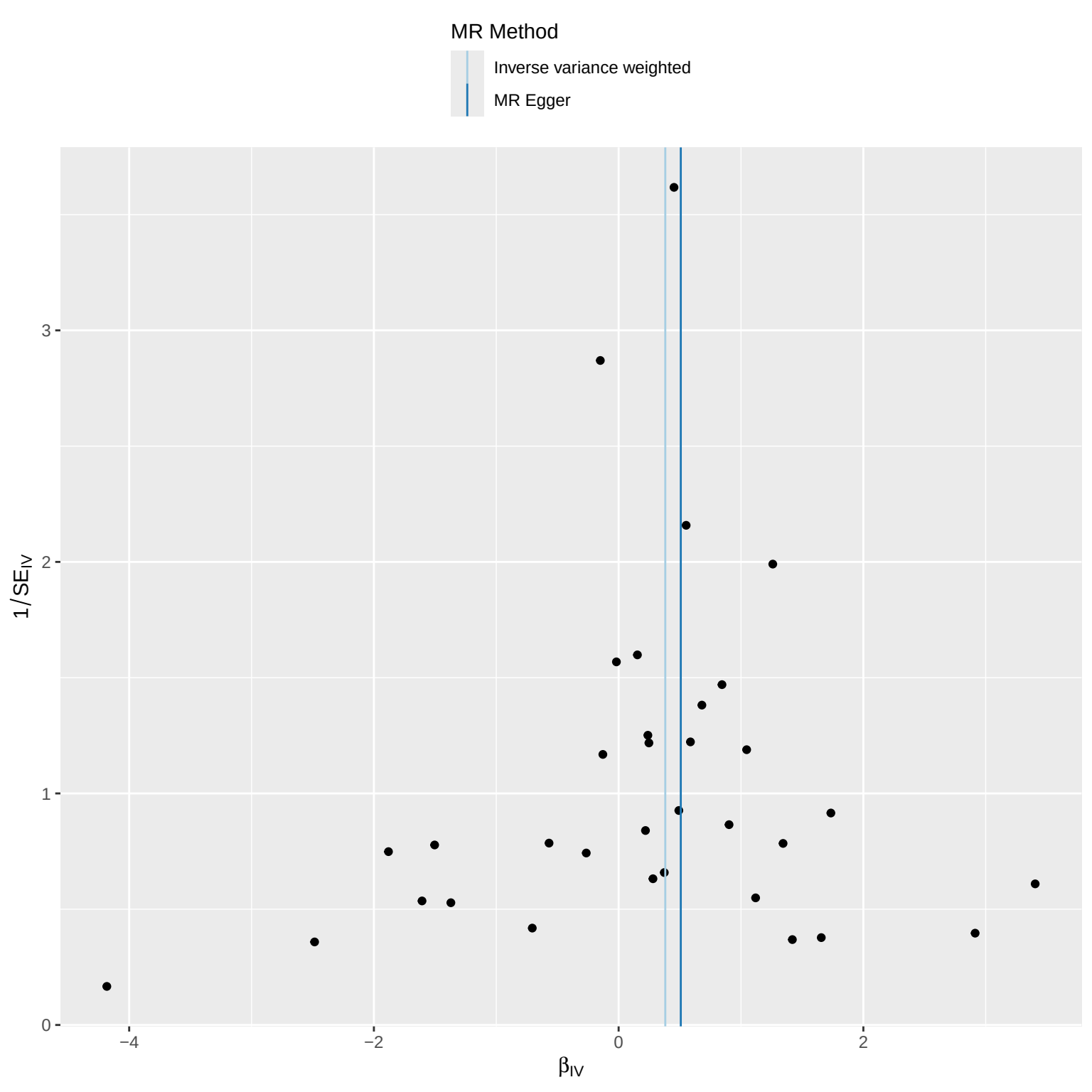

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

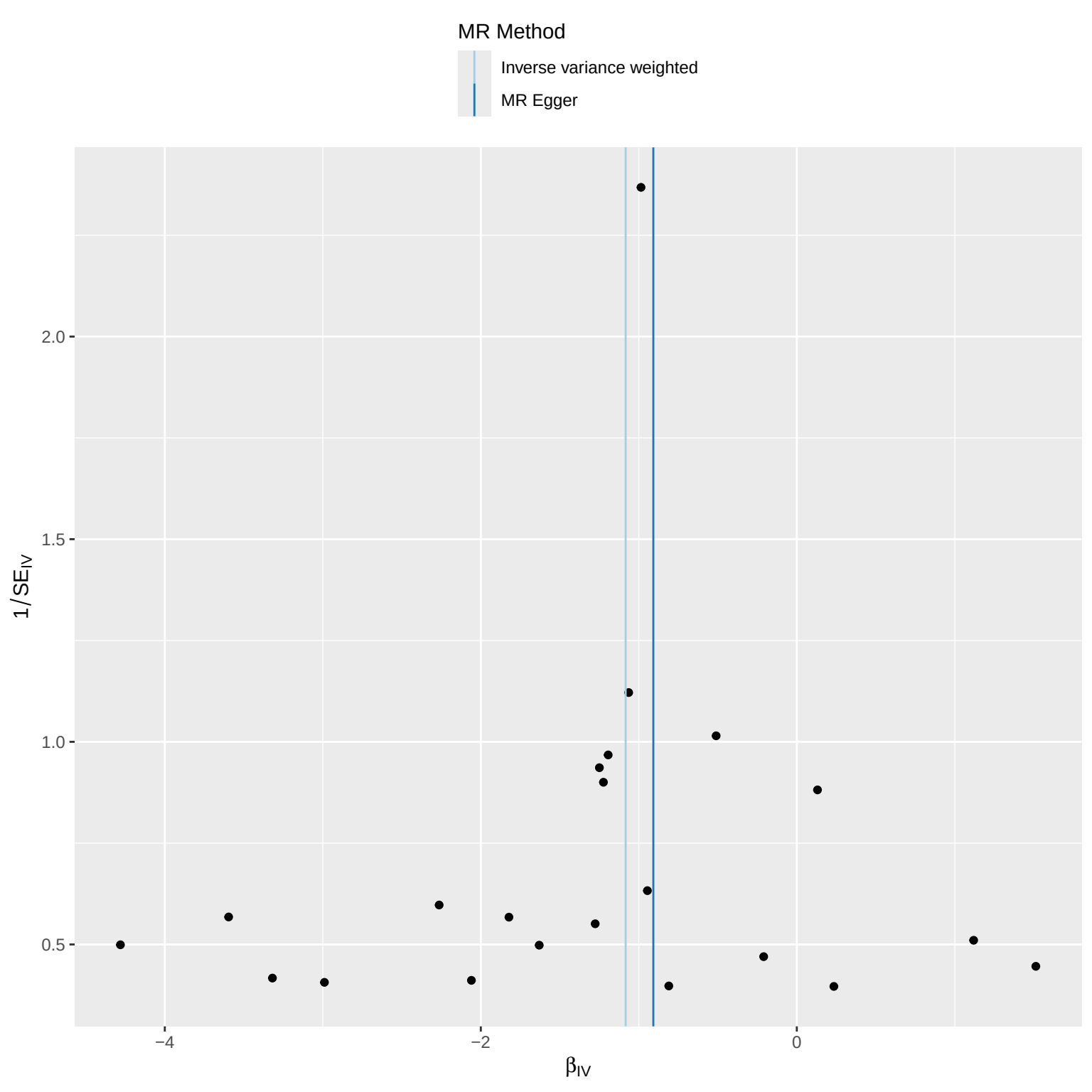

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

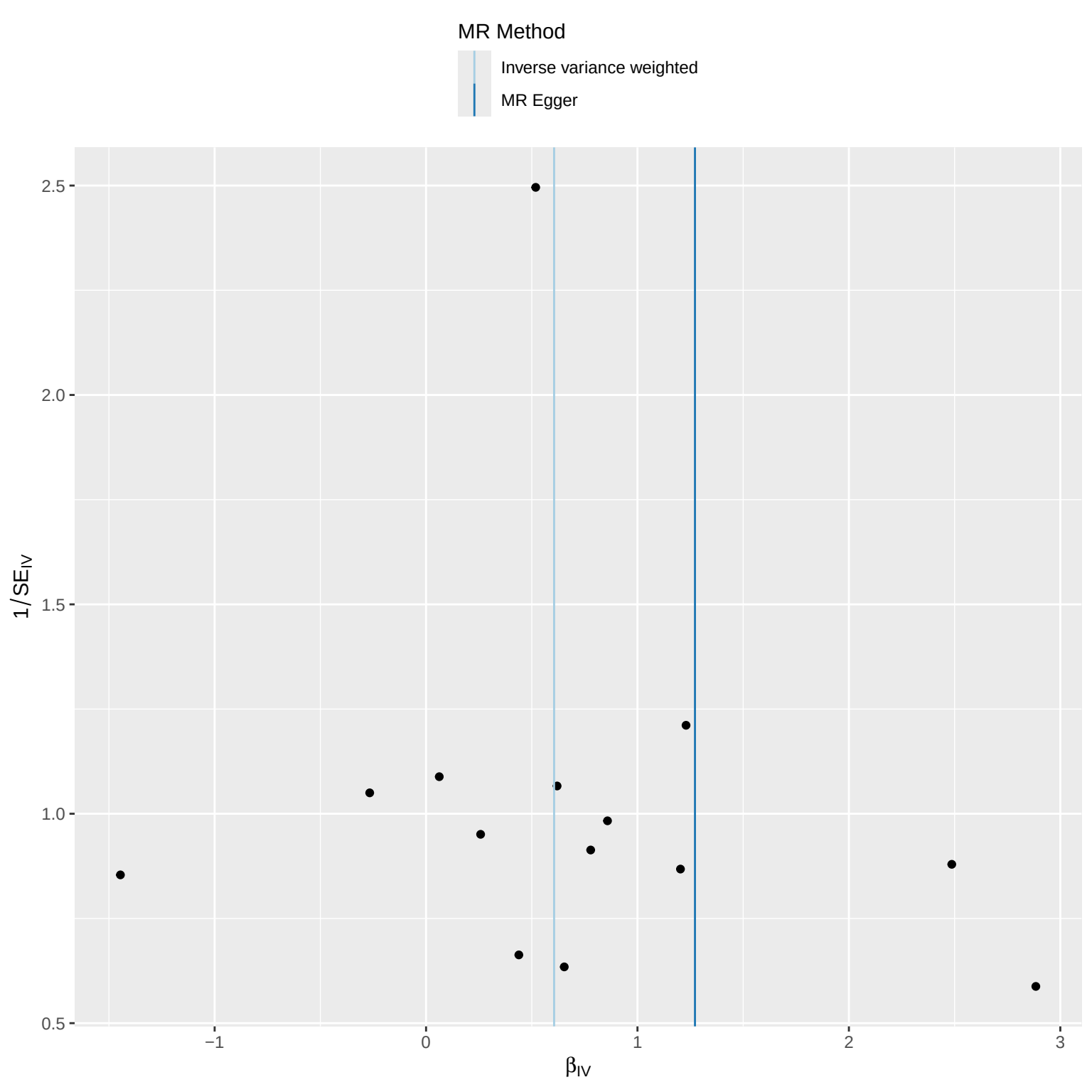

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
1/SE_IV
0
2
4
β_IV

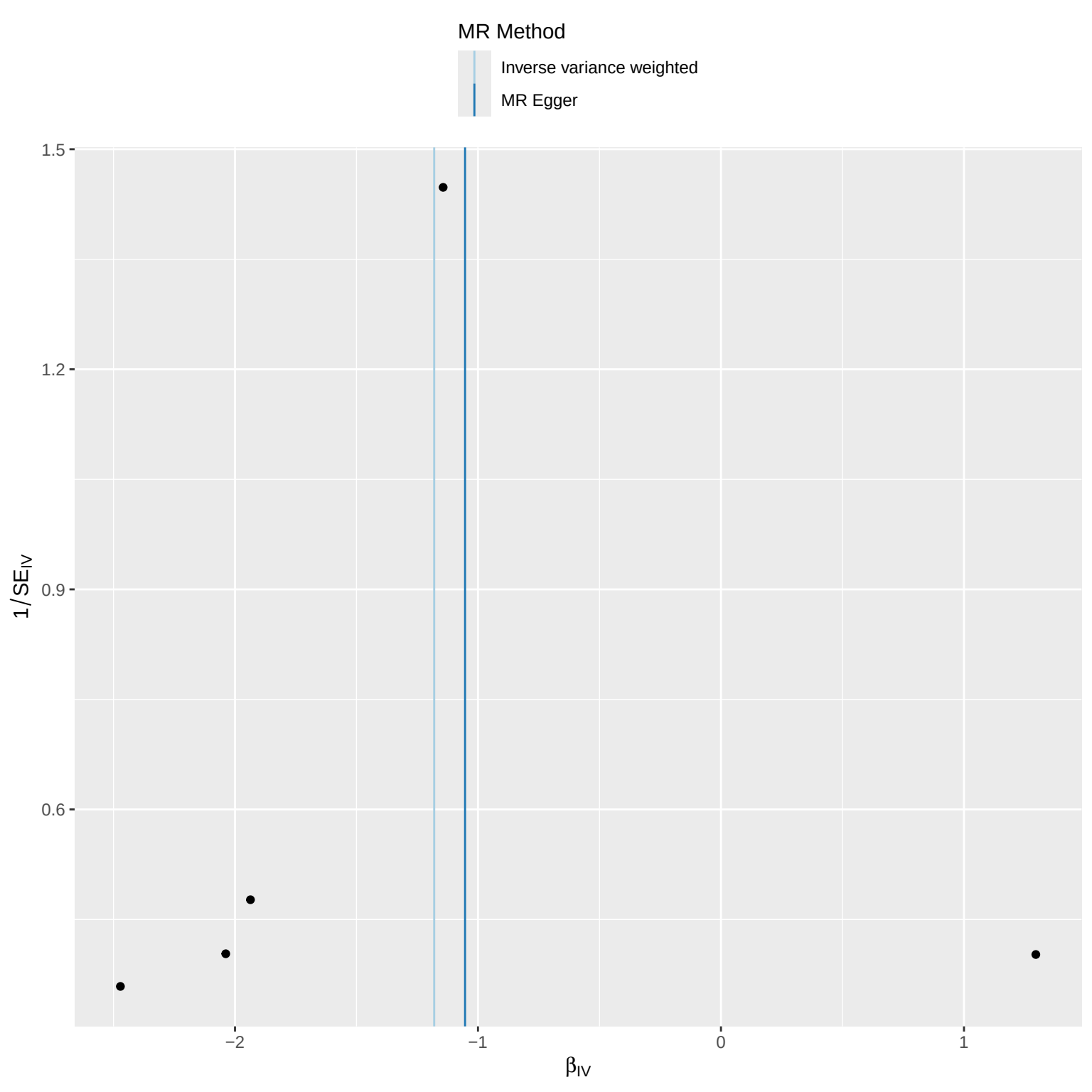

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
4
β_{IV}

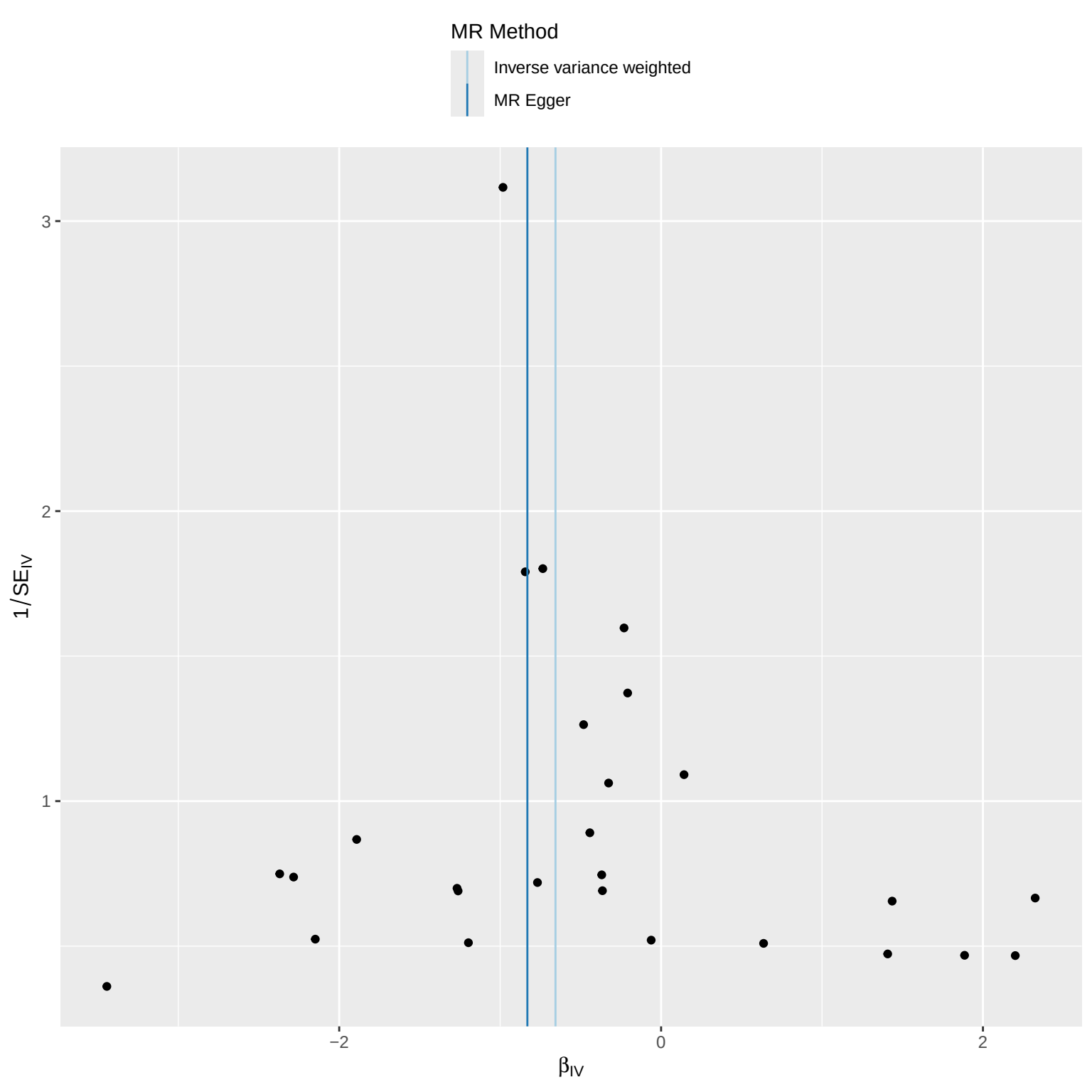

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−2
0
2
4
β_IV

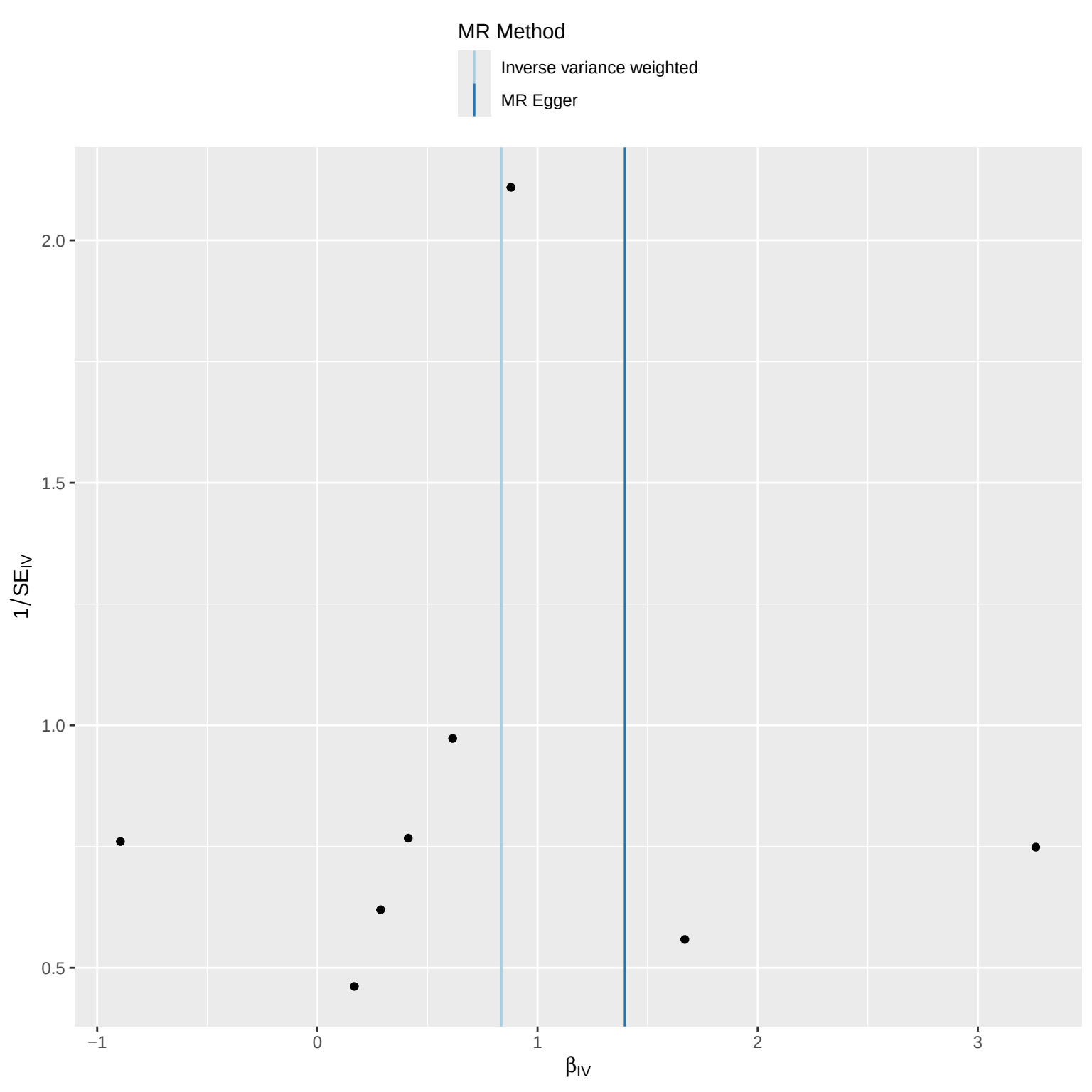

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
3
2
1
0
−4
−2
0
2

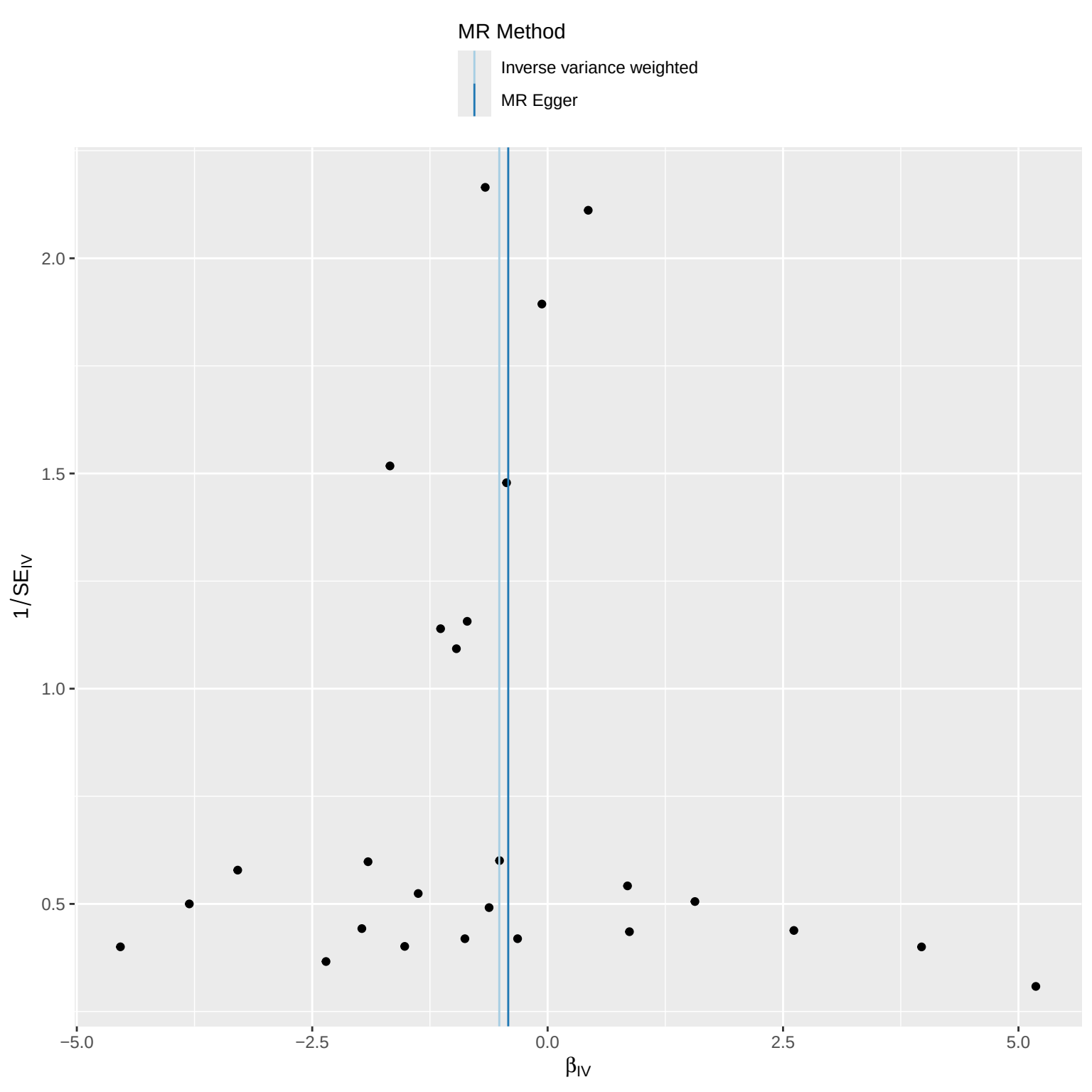

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

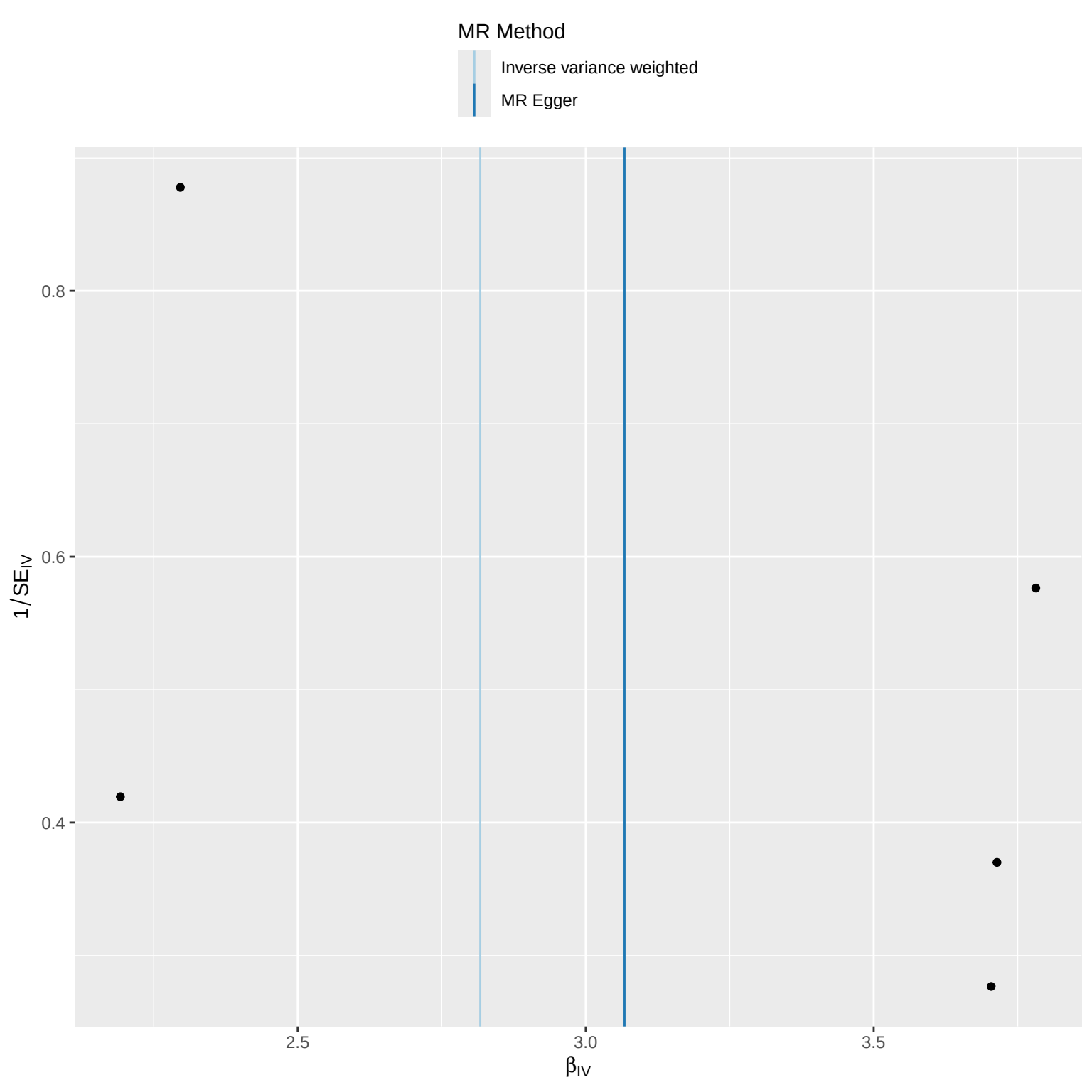

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

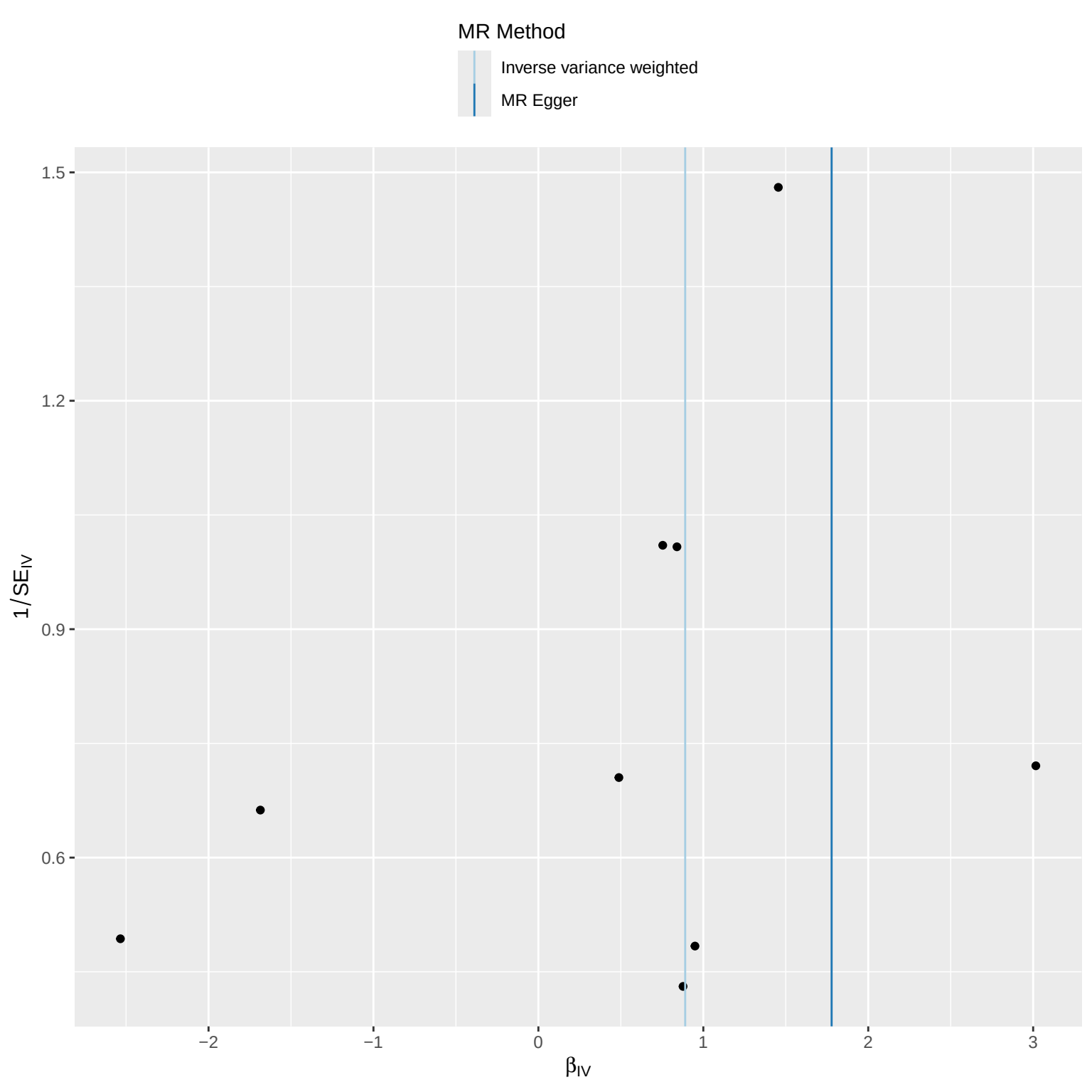

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
β_IV

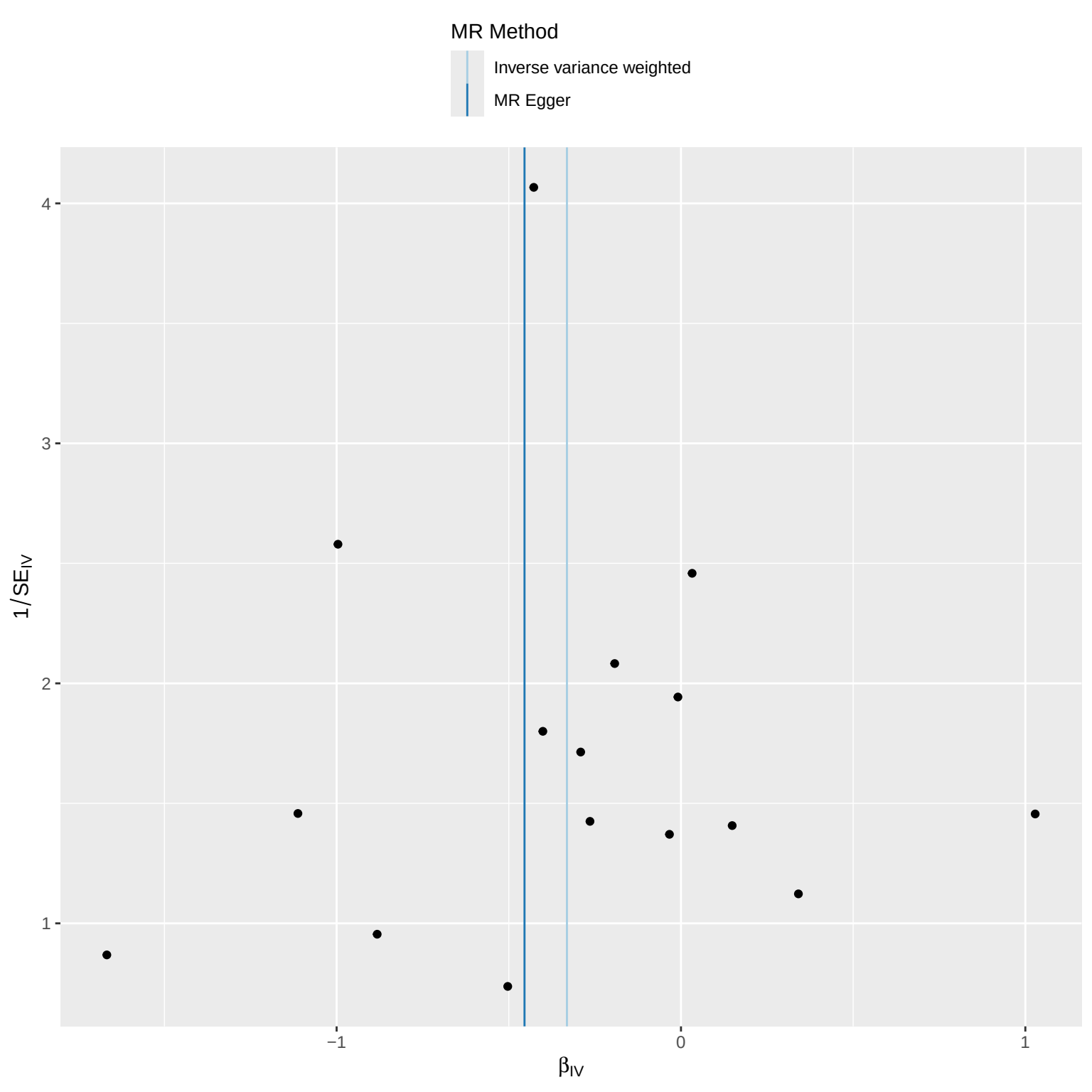

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

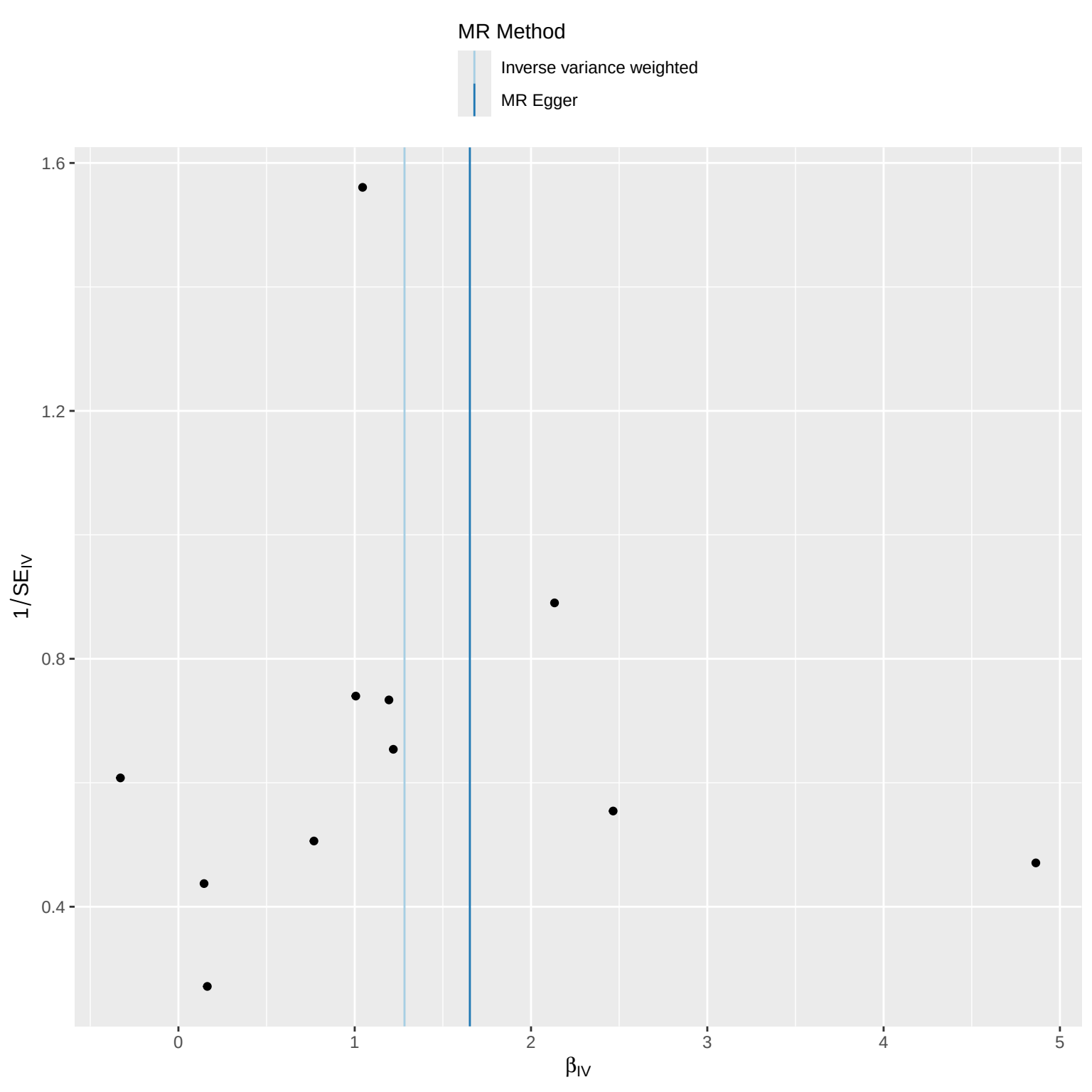

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

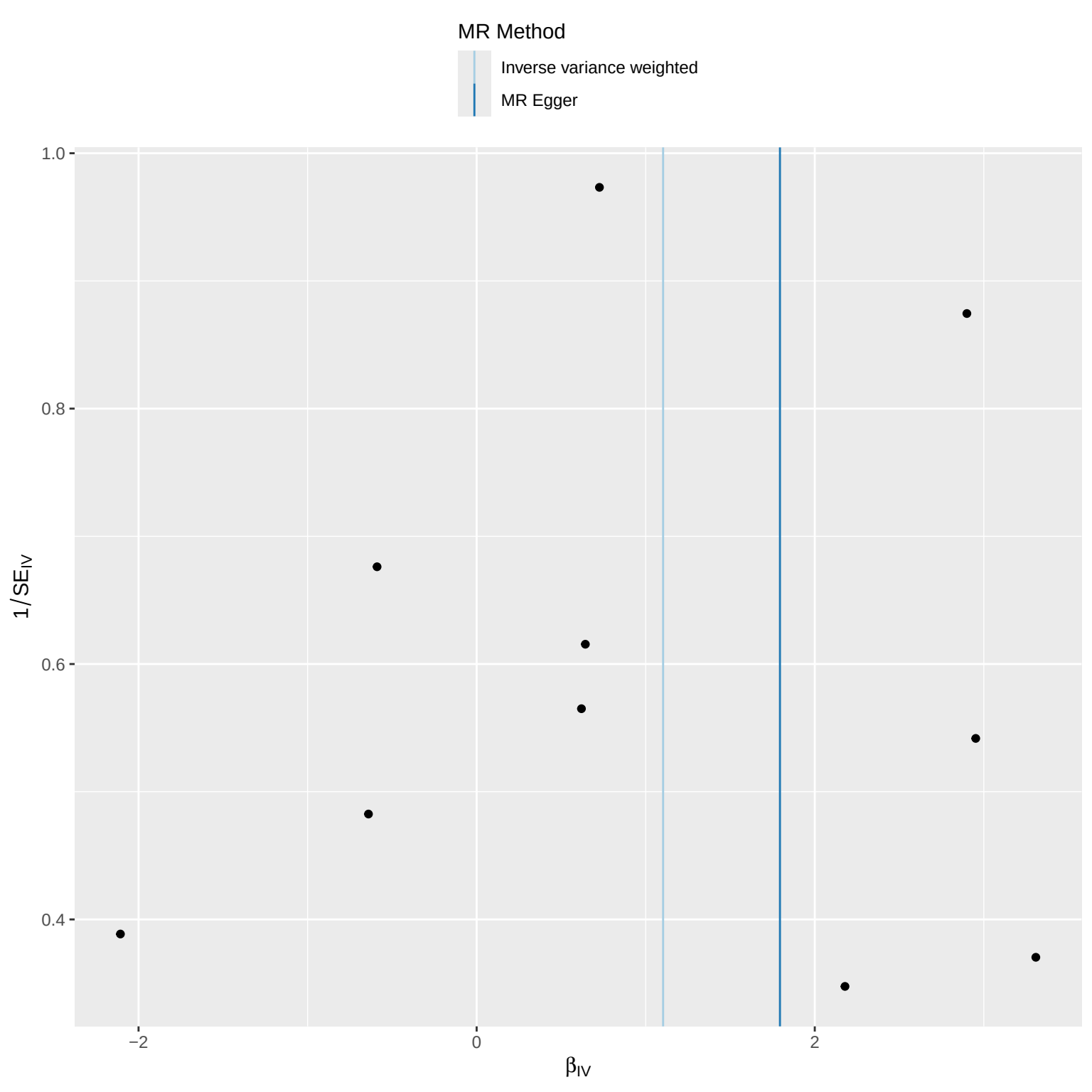

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

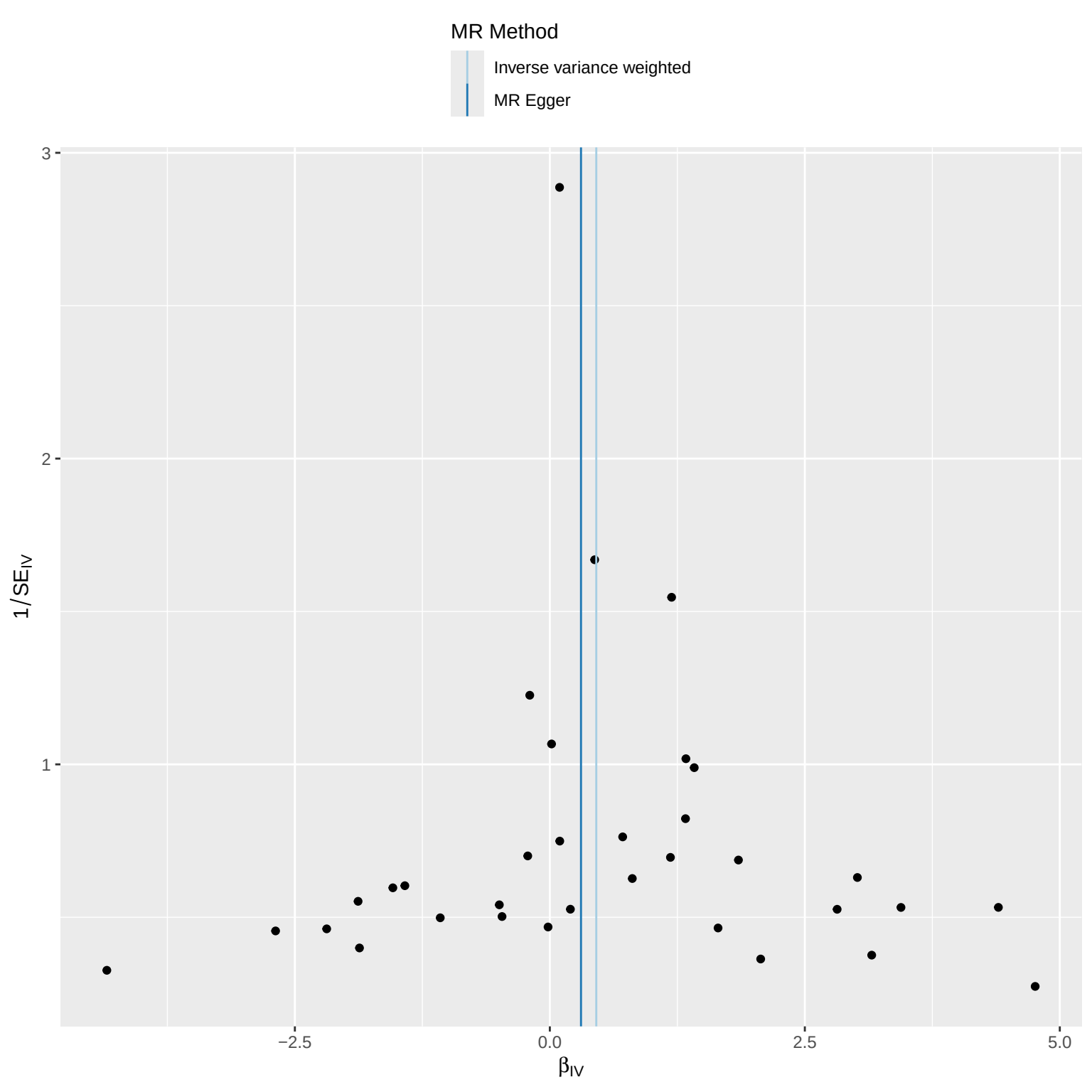

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
2.5
3.0
3.5
β_IV

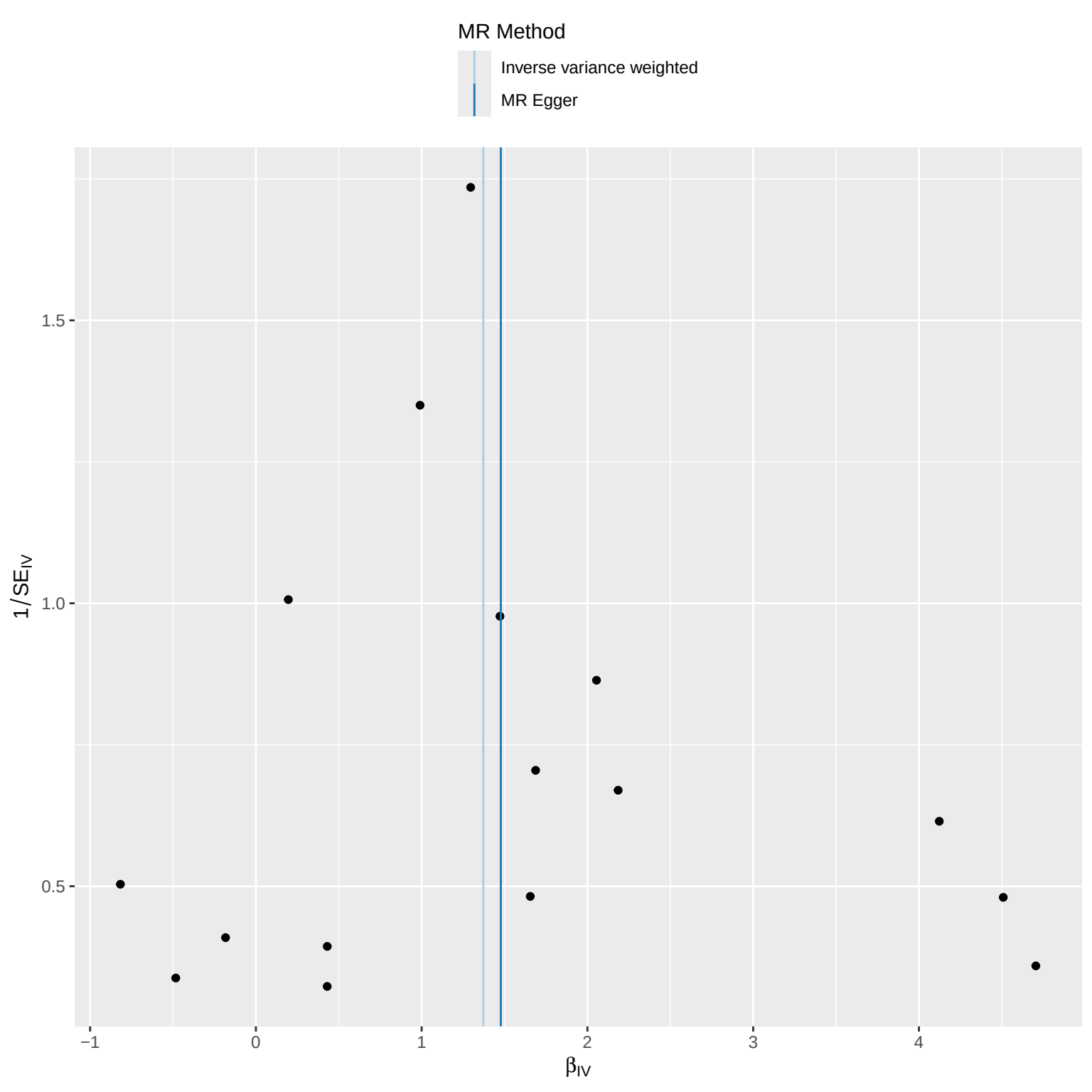

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
2
3
β_IV

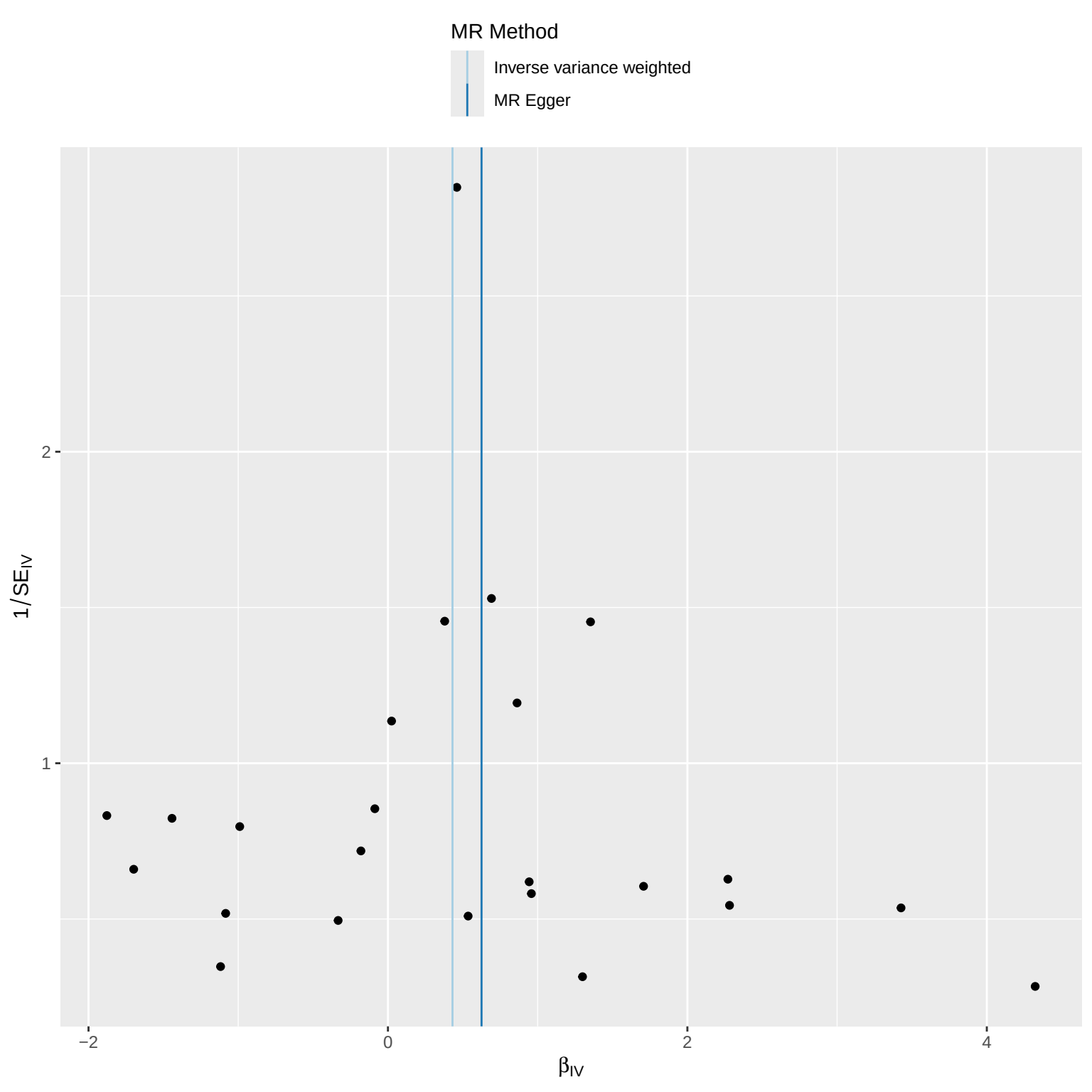

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−1
0
1
β_{IV}

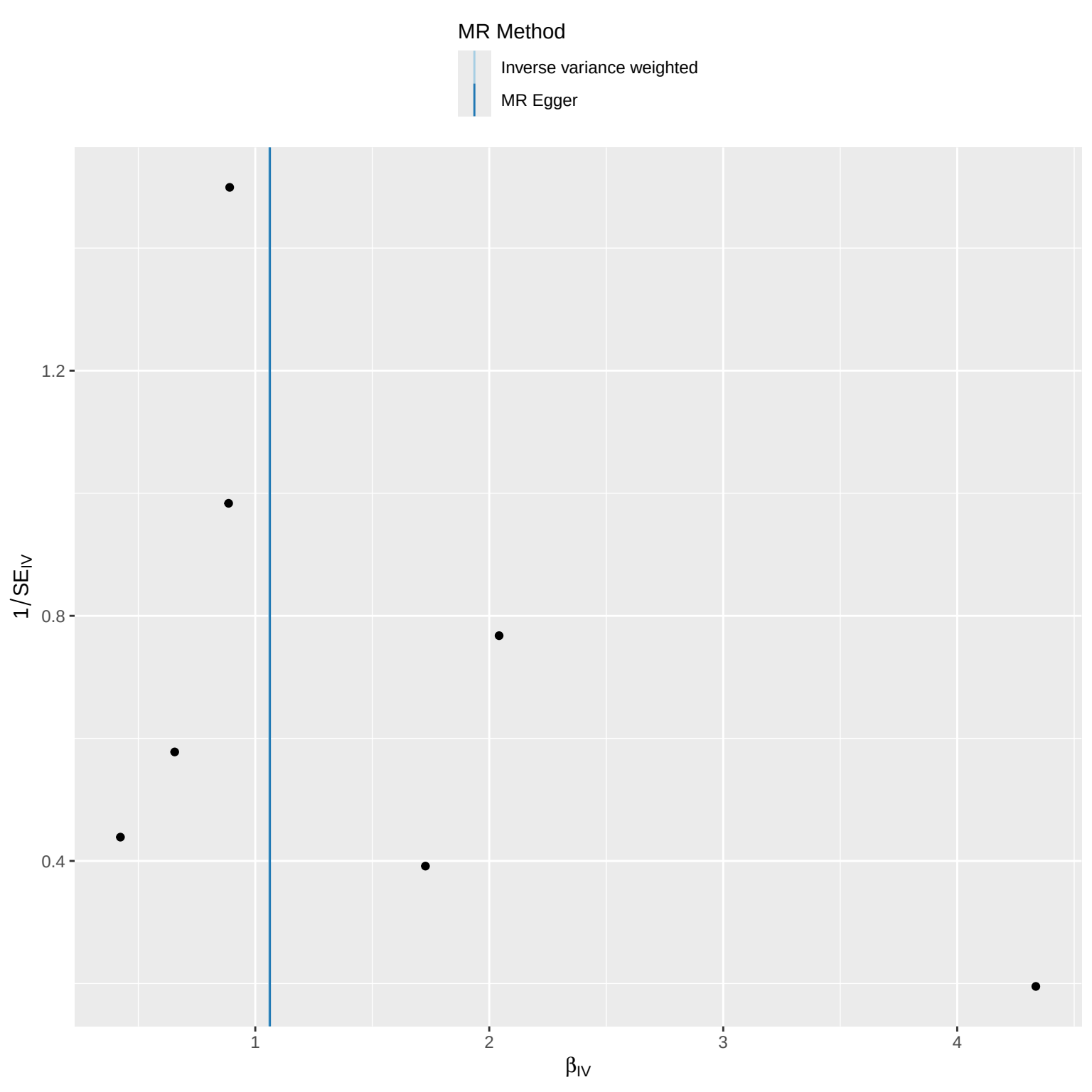

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
1
2
3
4
5
β_IV

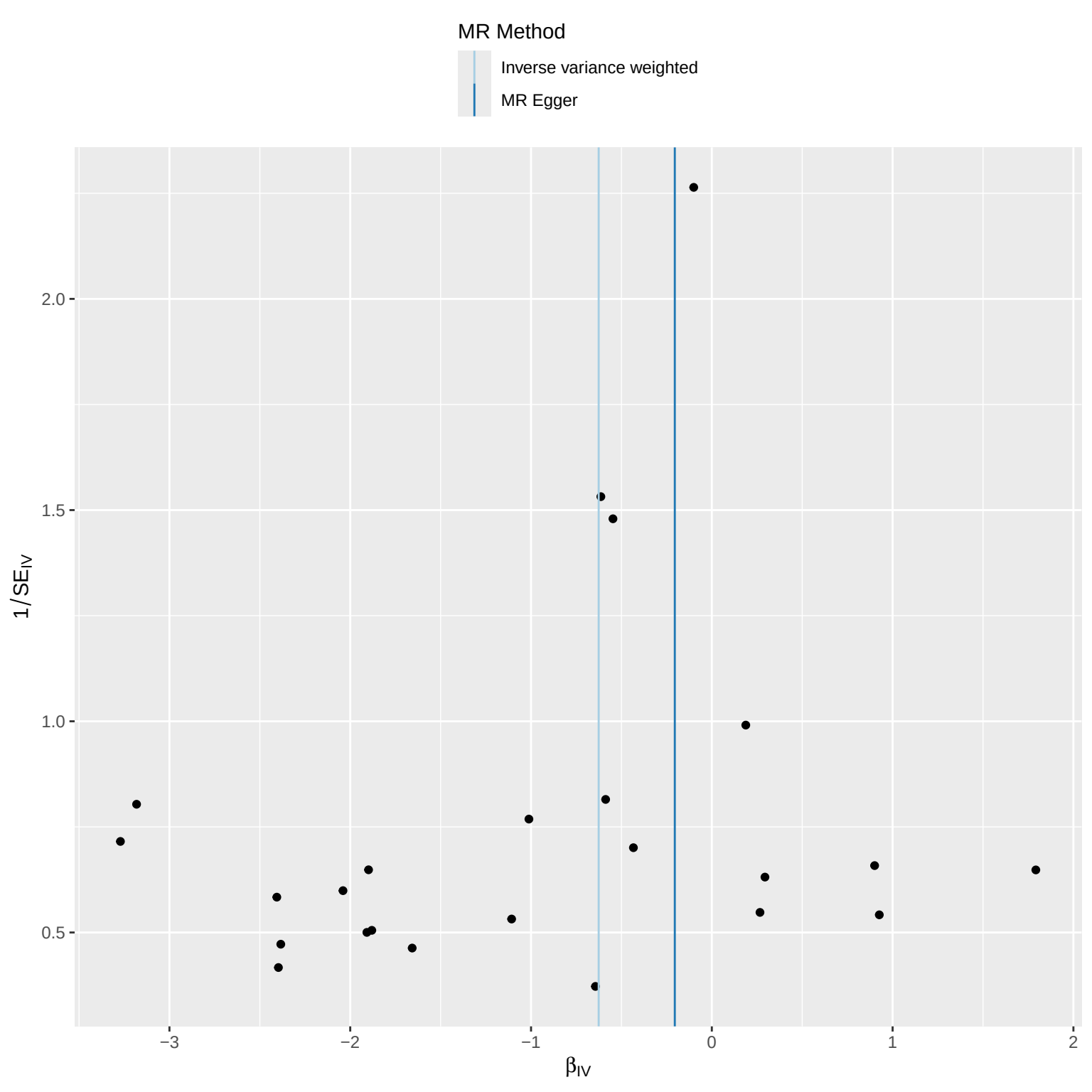

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
β_IV

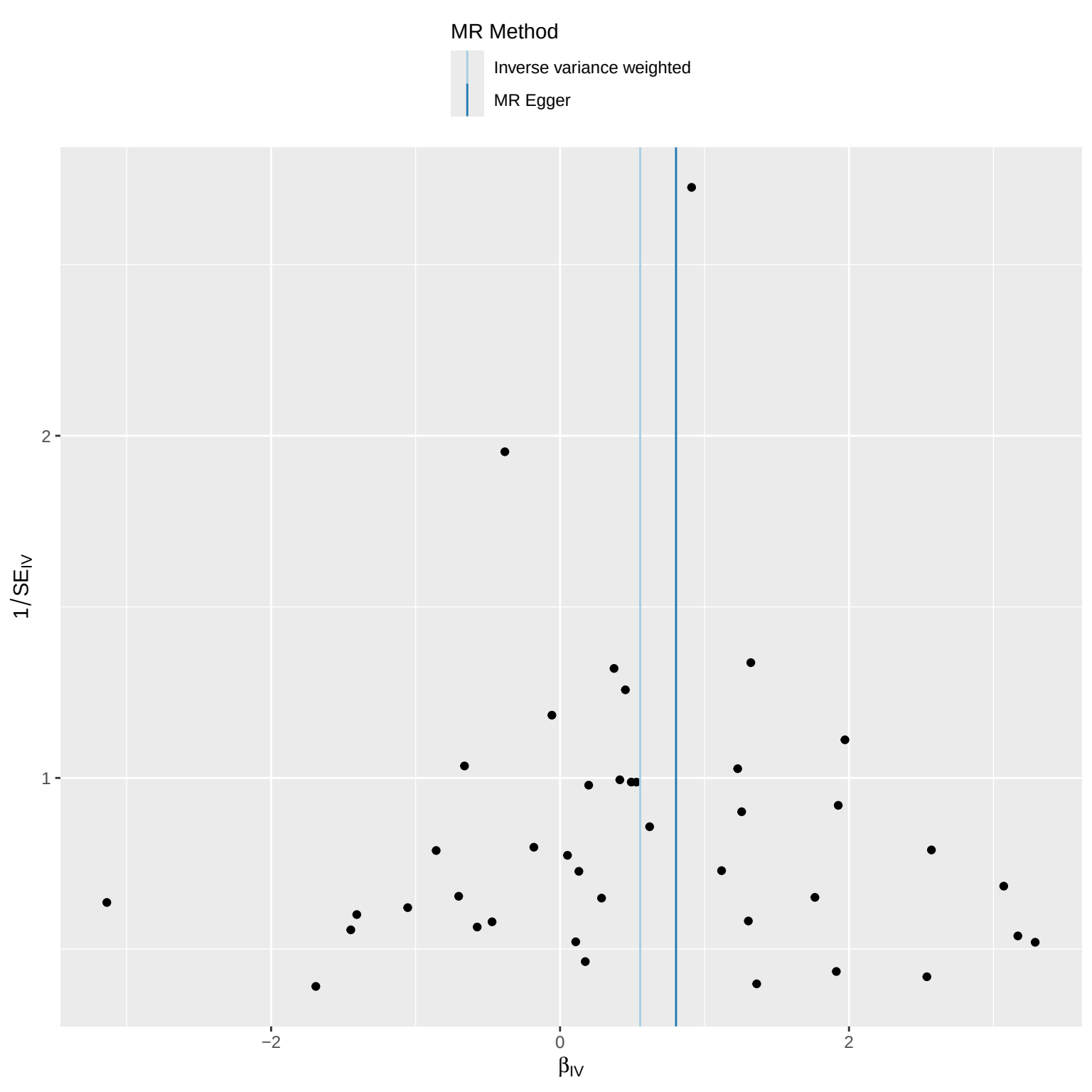

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

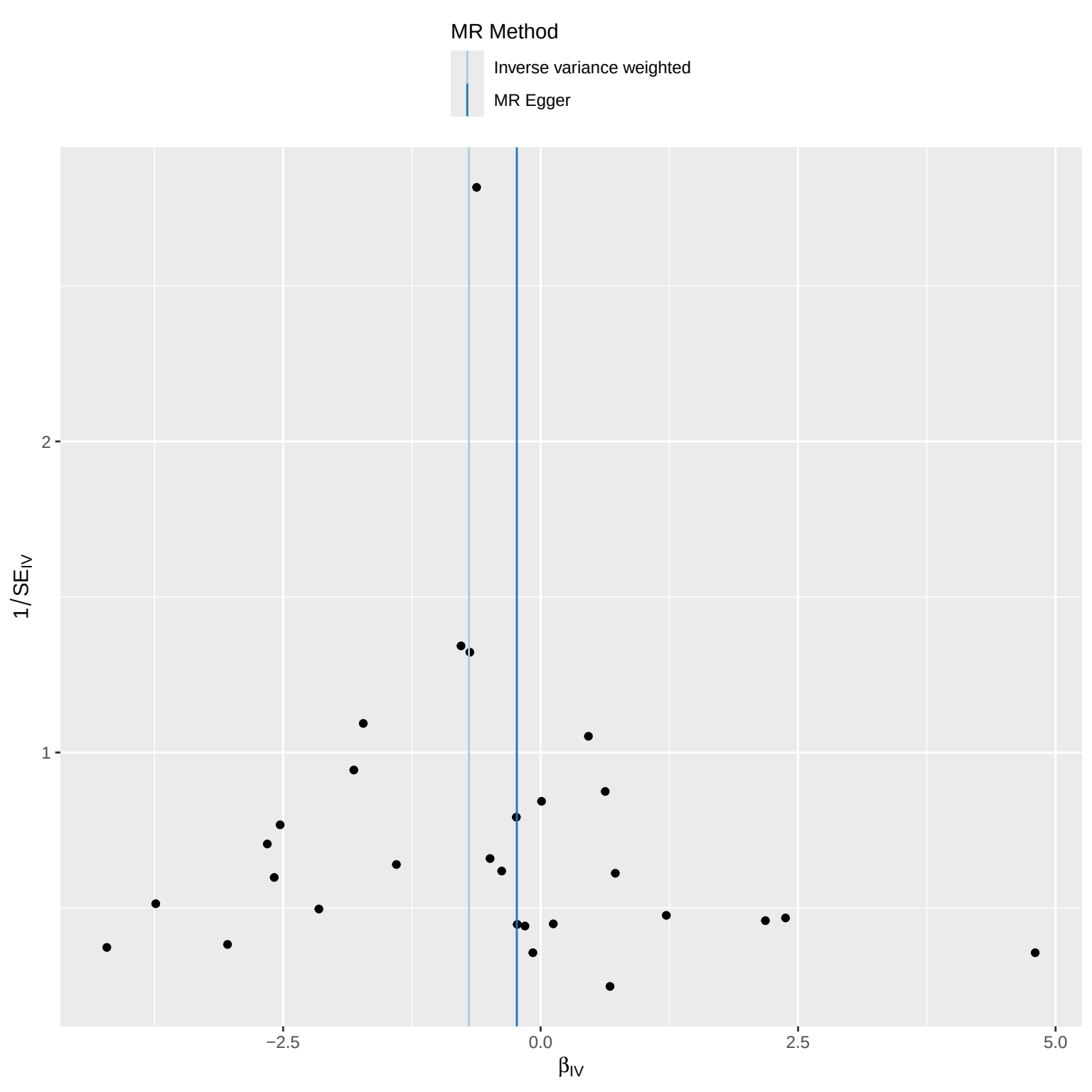

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

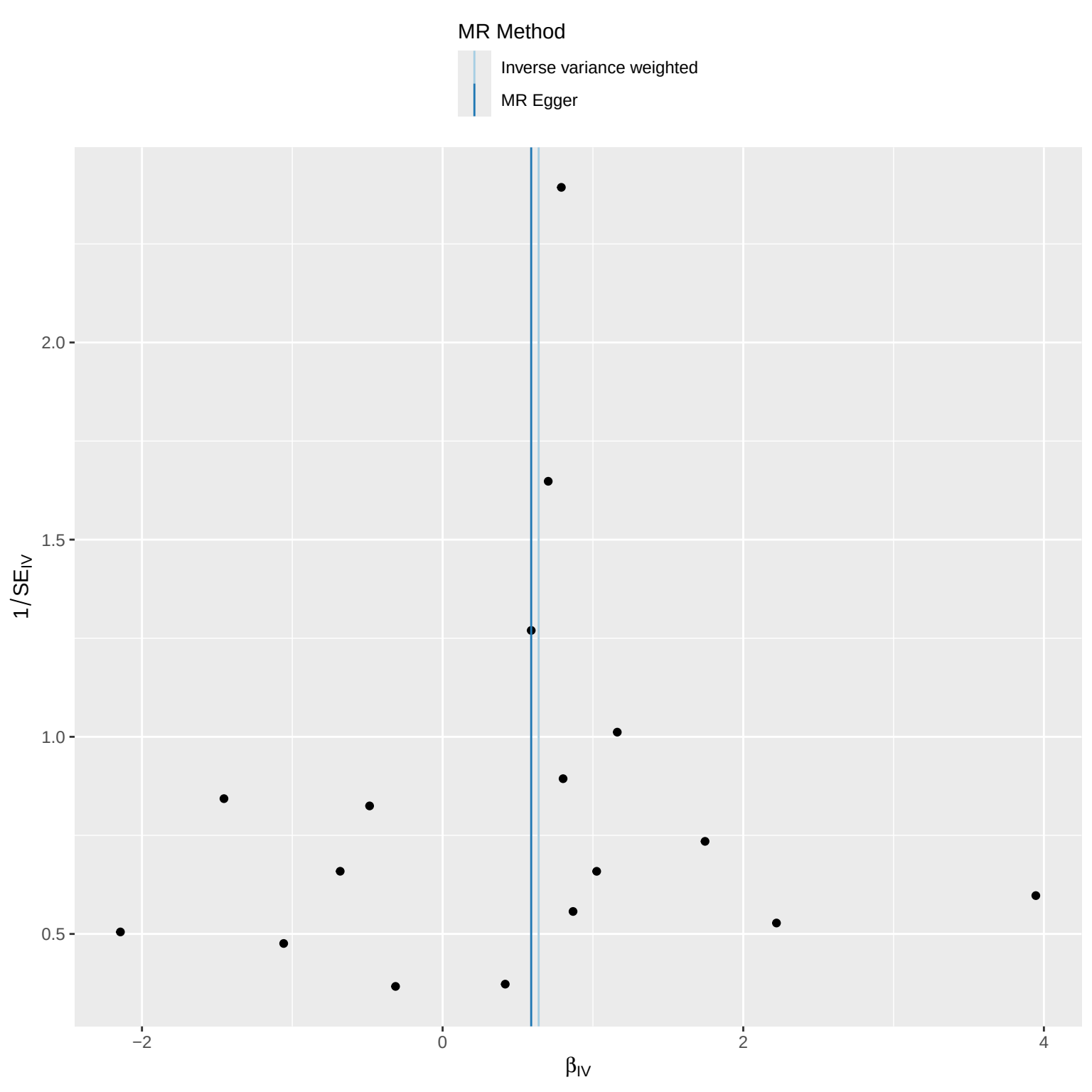

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

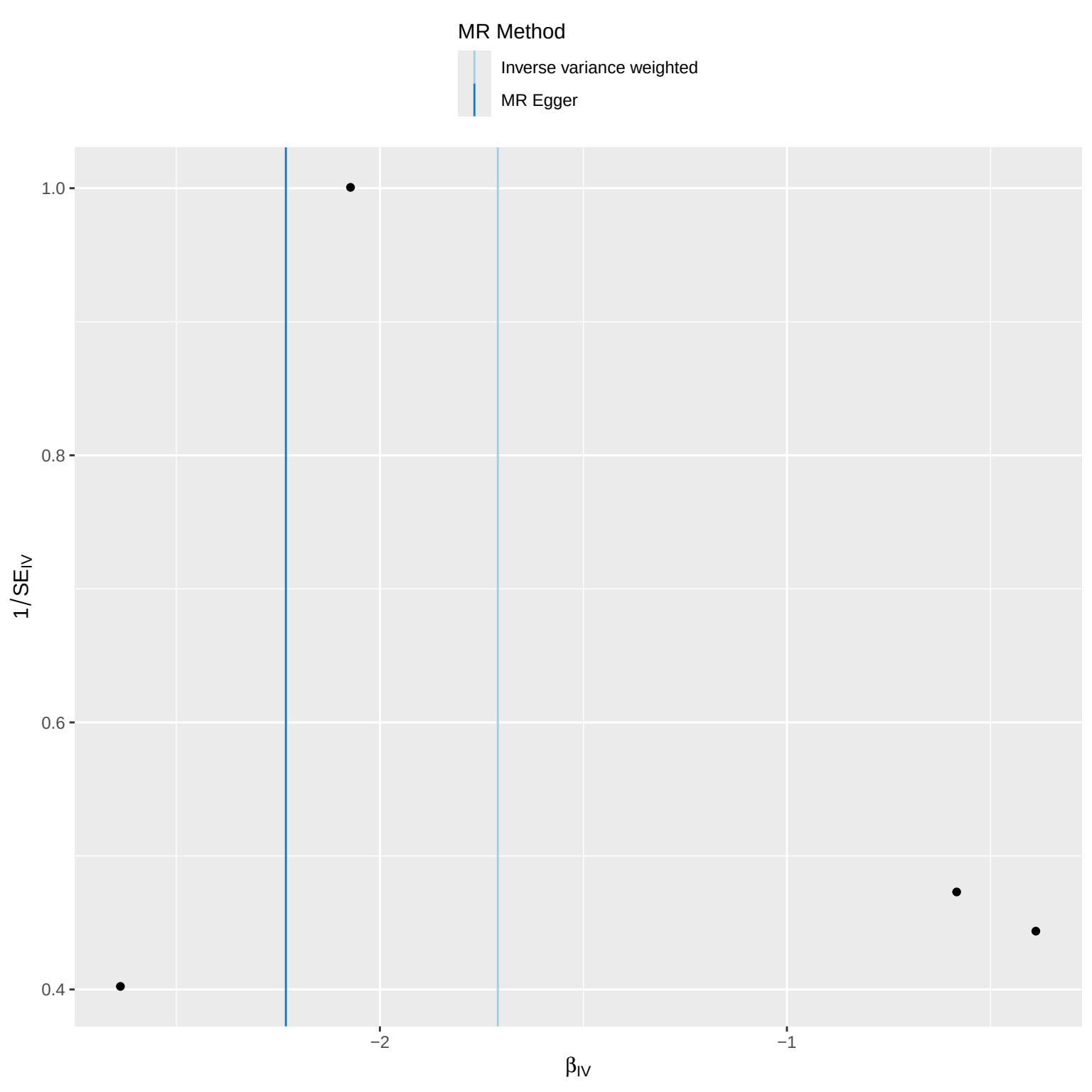

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
1
2
3
4
β_IV

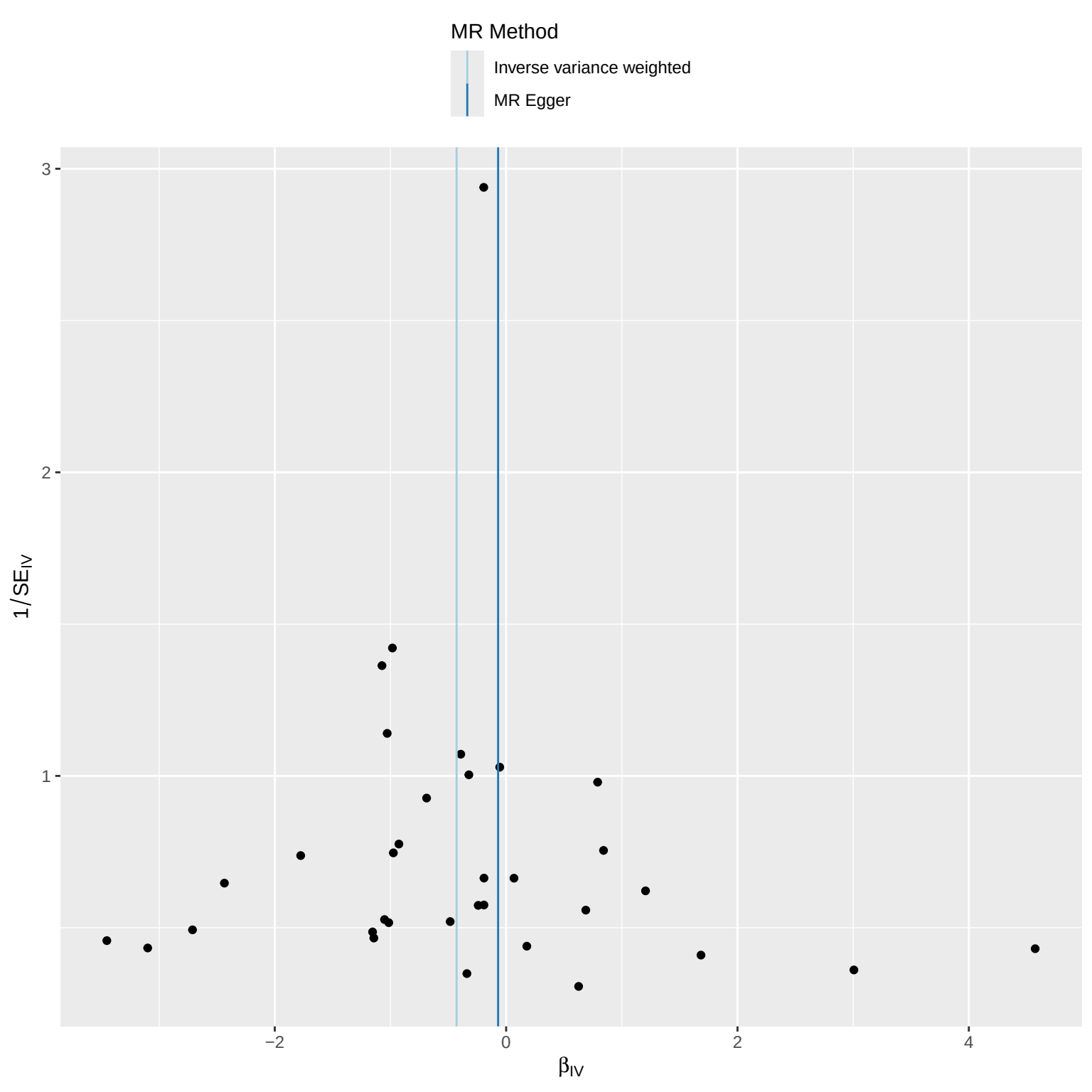

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

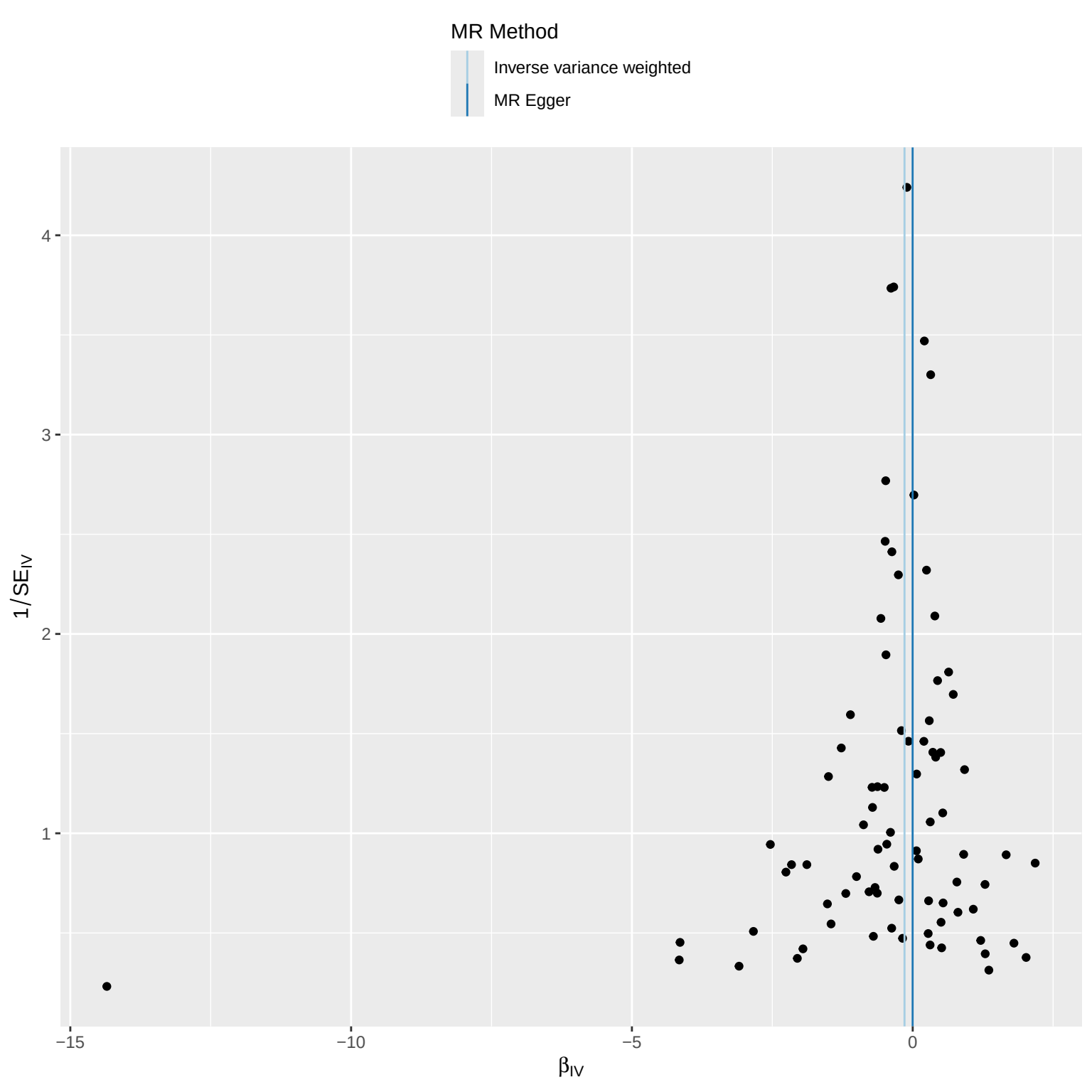

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

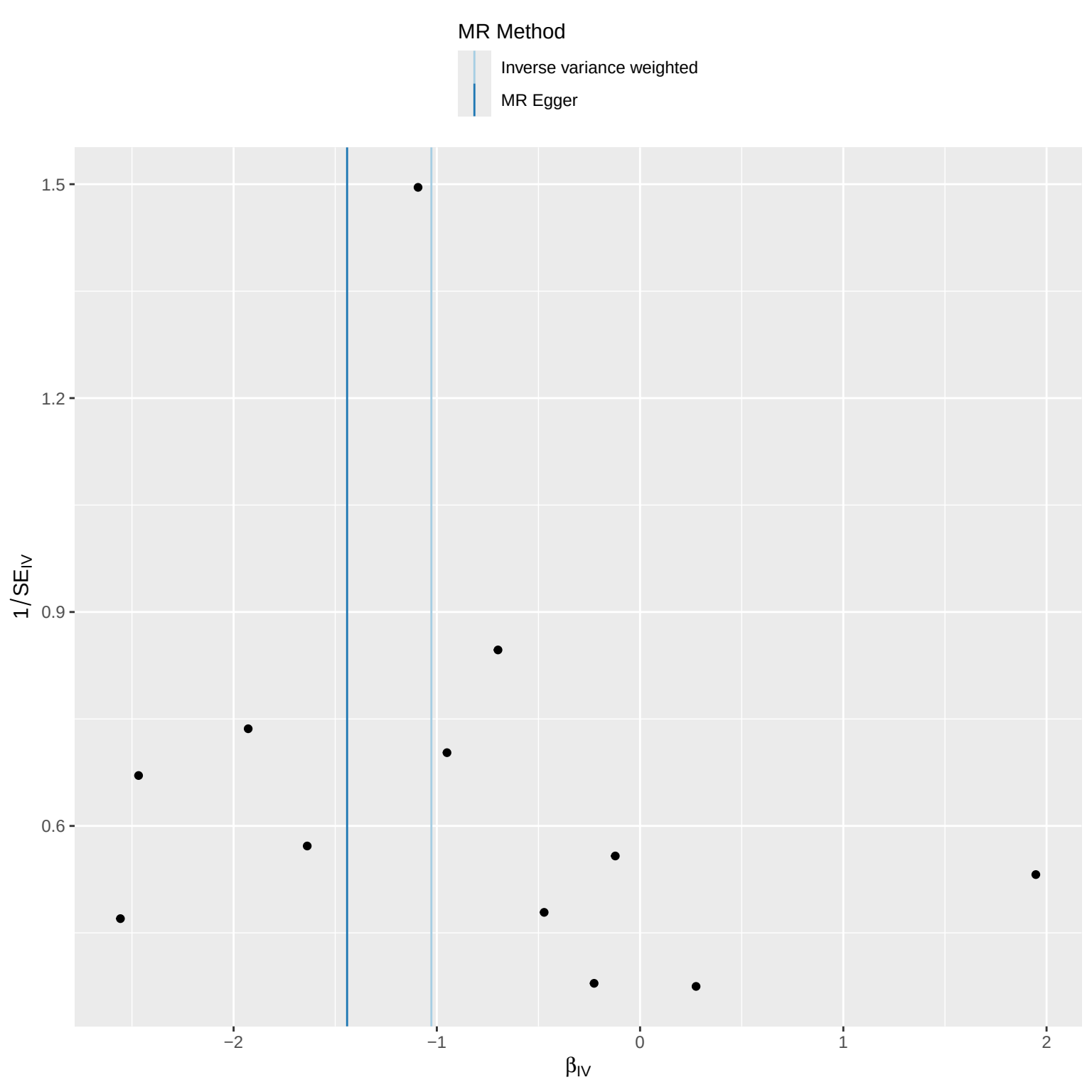

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

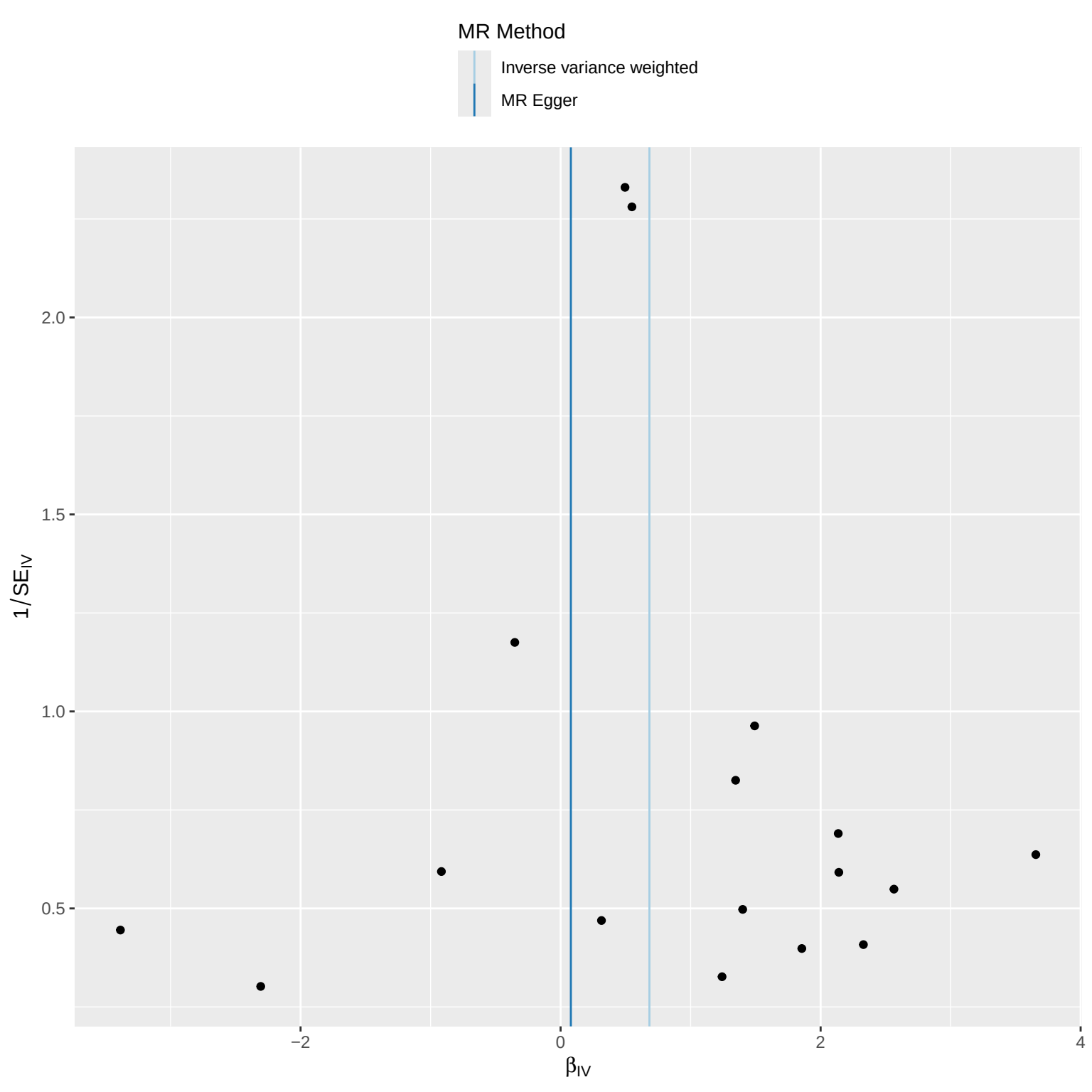

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

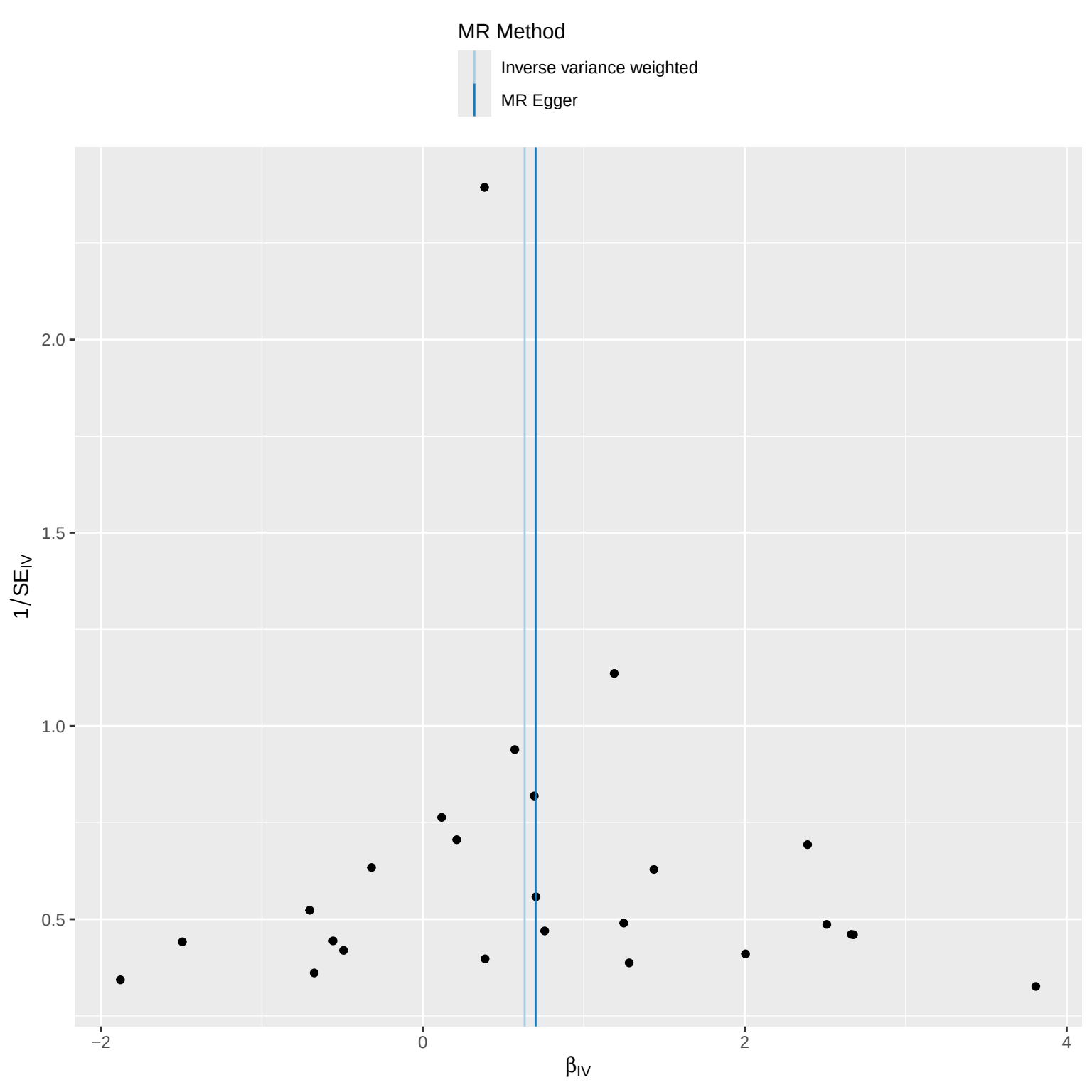

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2
−1
β_IV

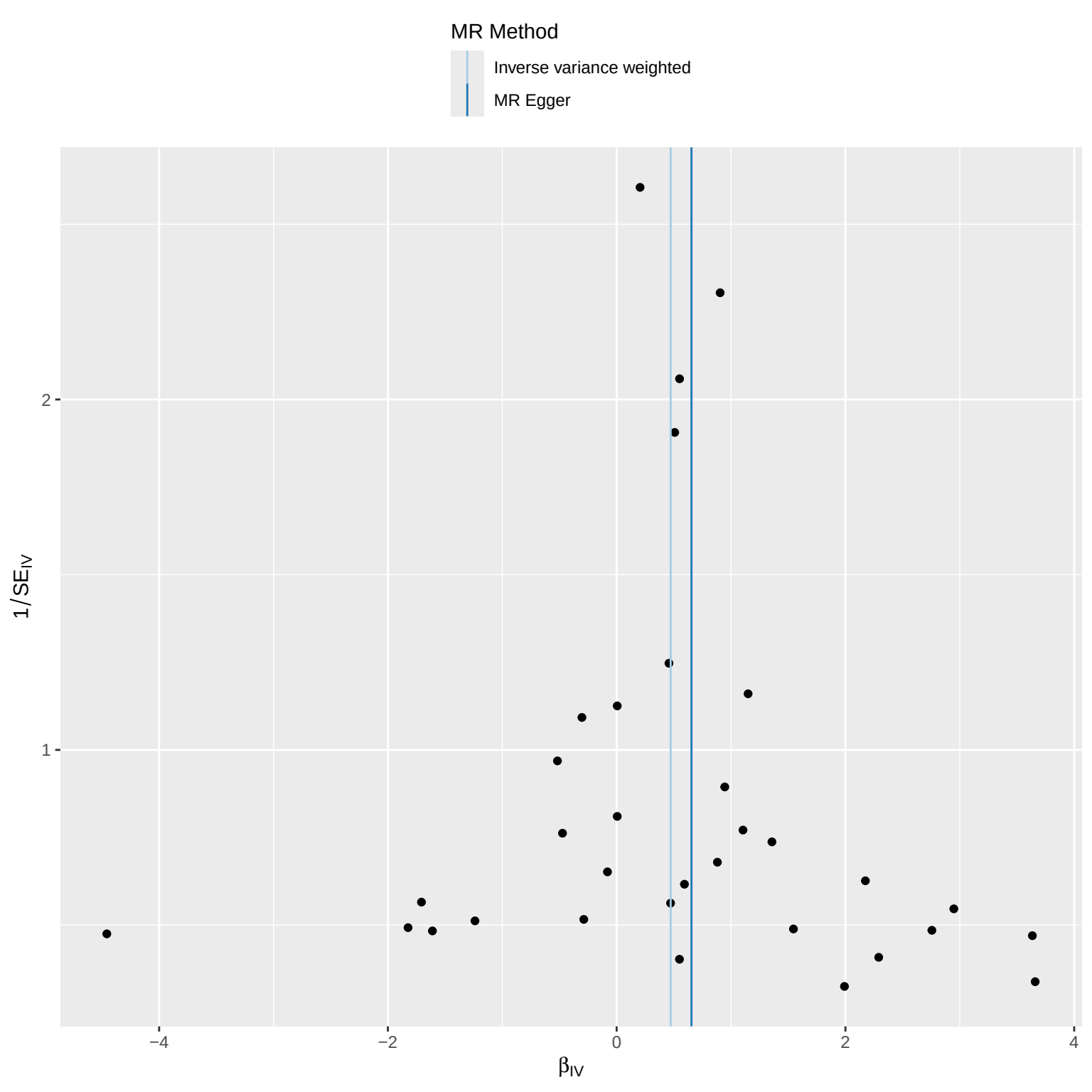

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

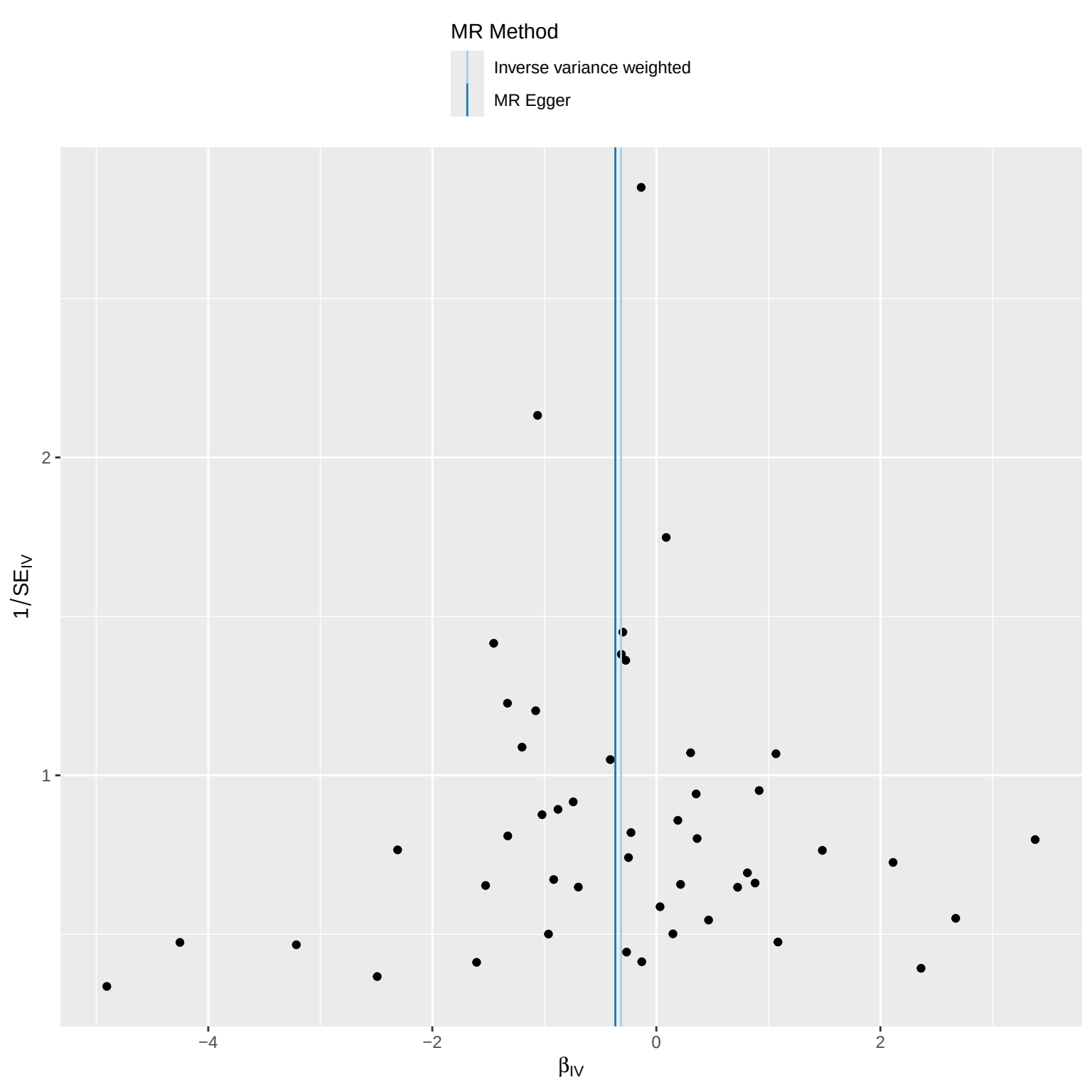

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−15
−10
−5
0
β_IV

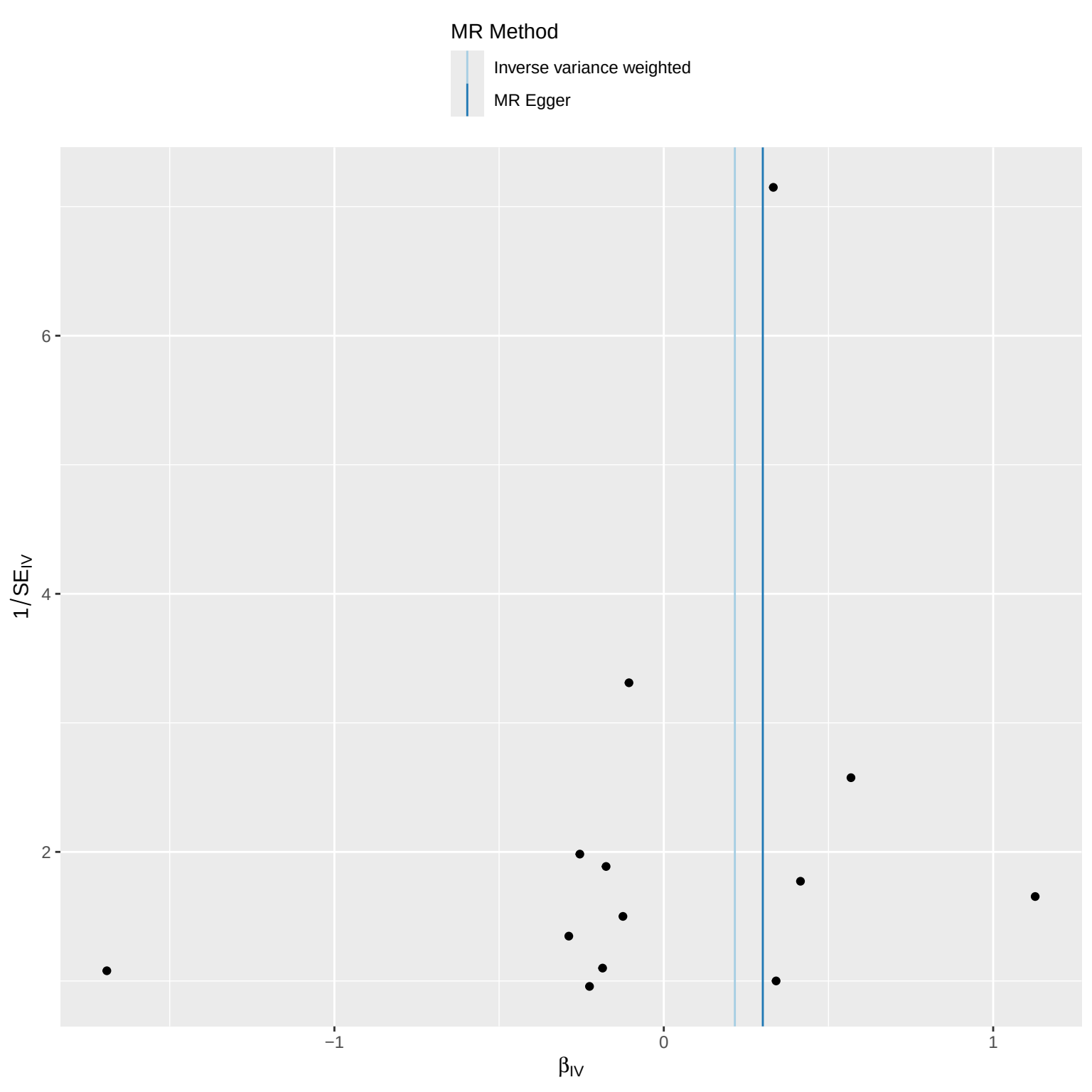

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
2
β_IV

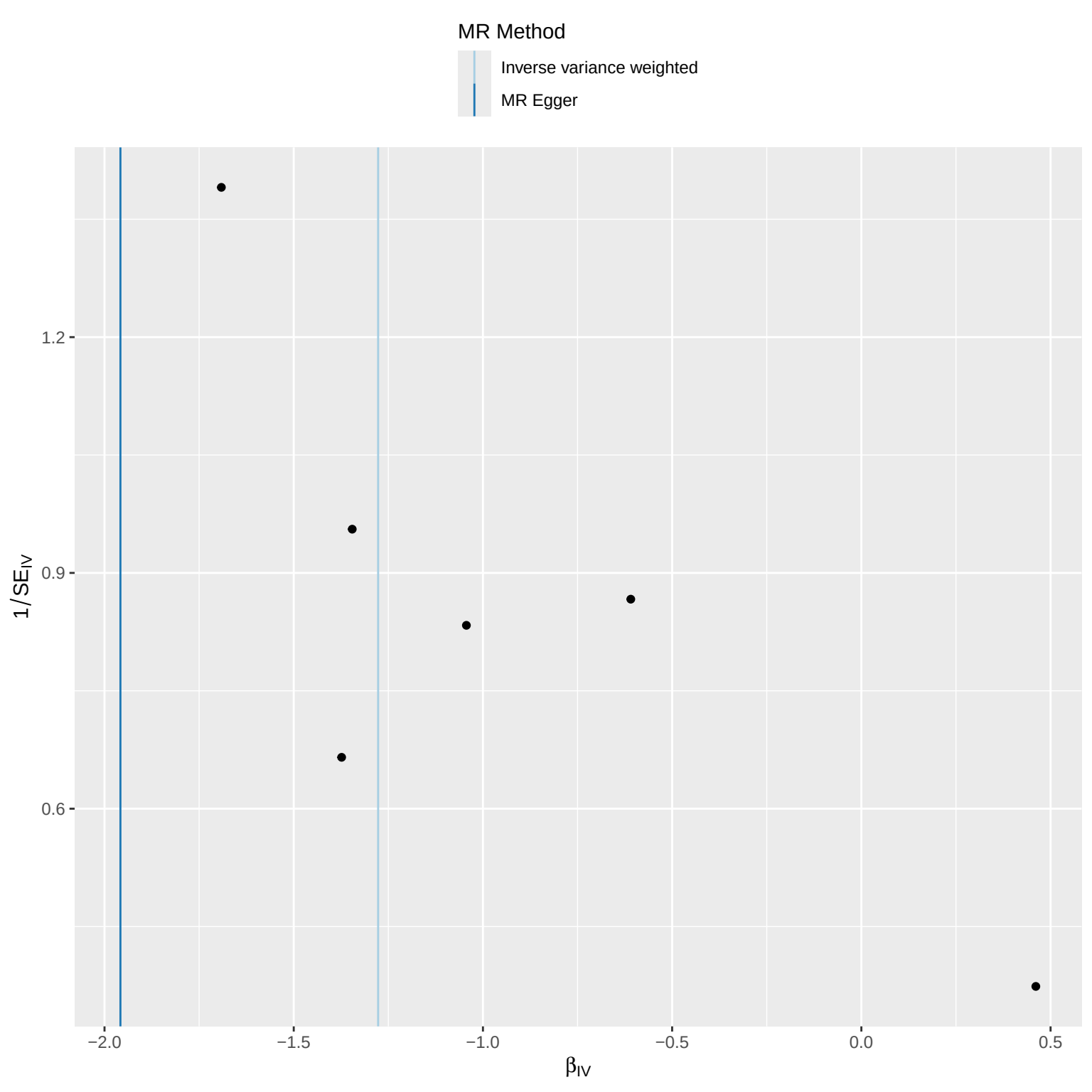

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

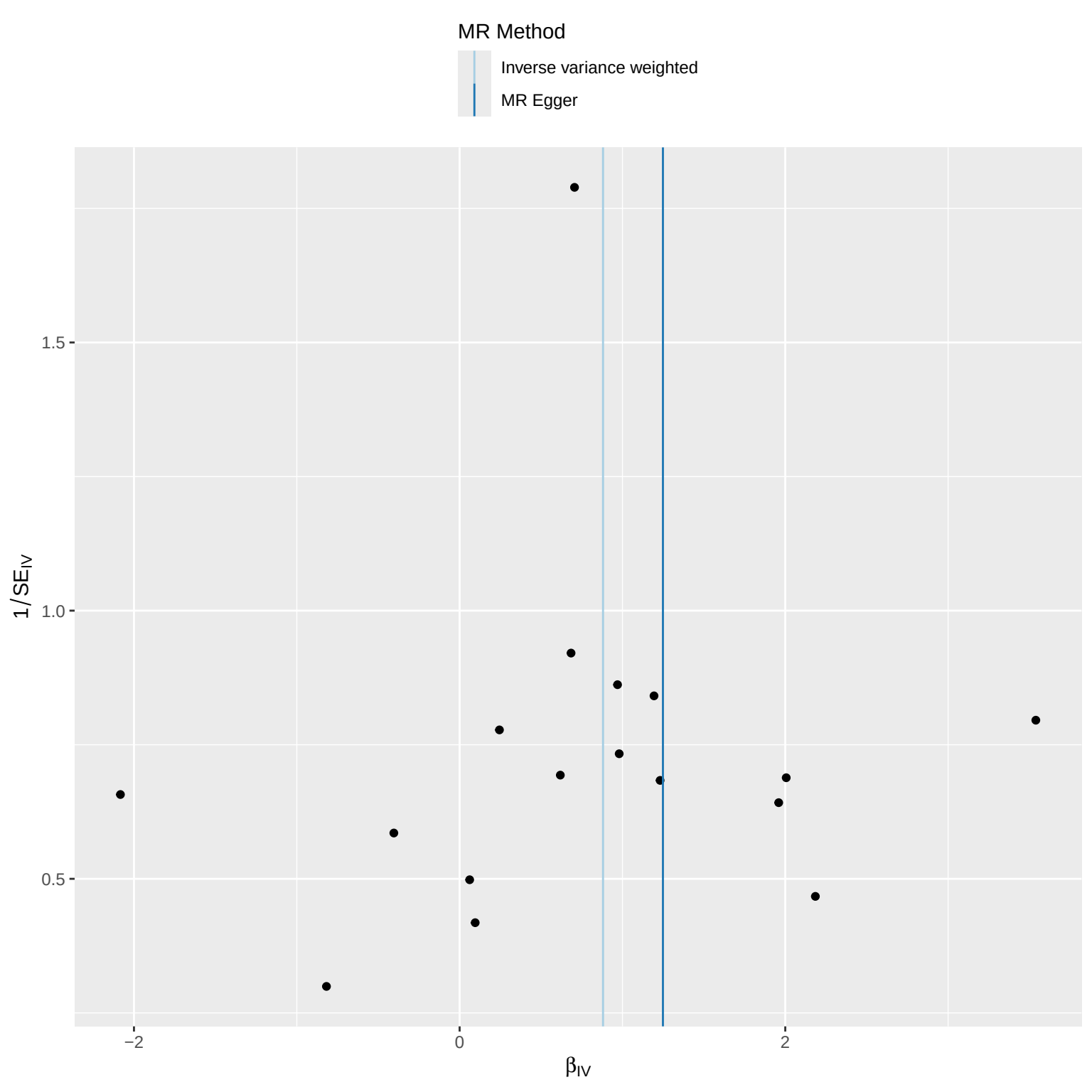

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

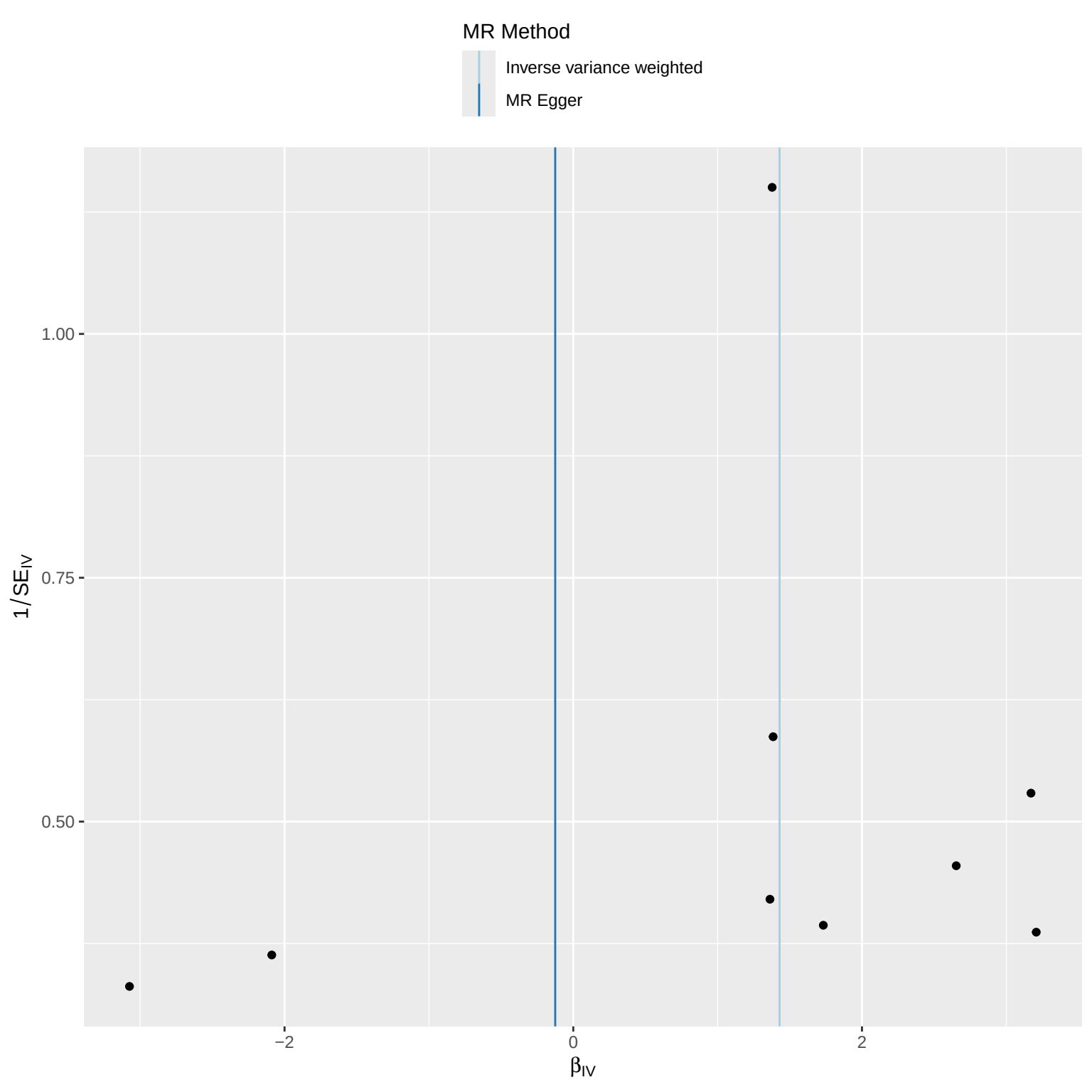

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

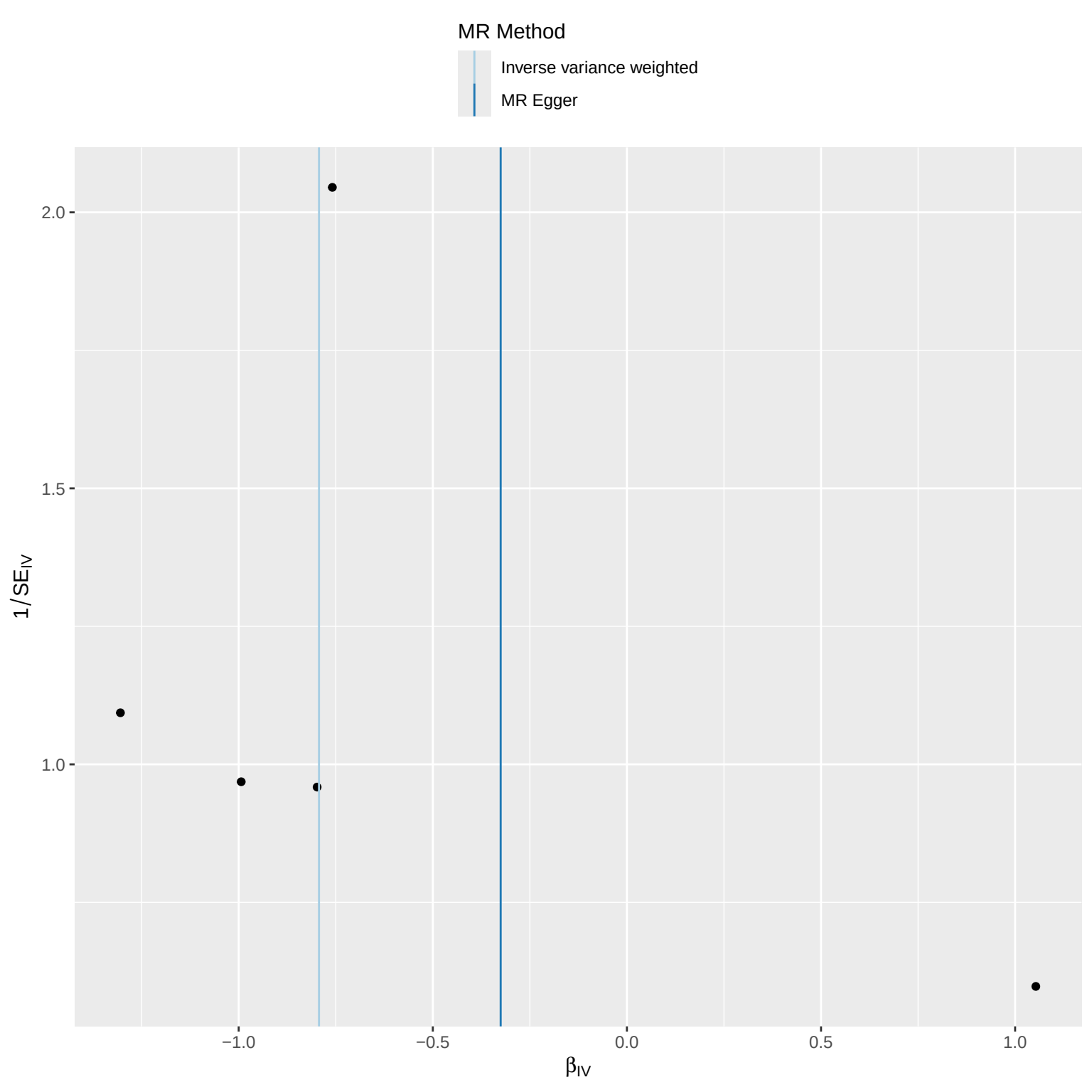

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

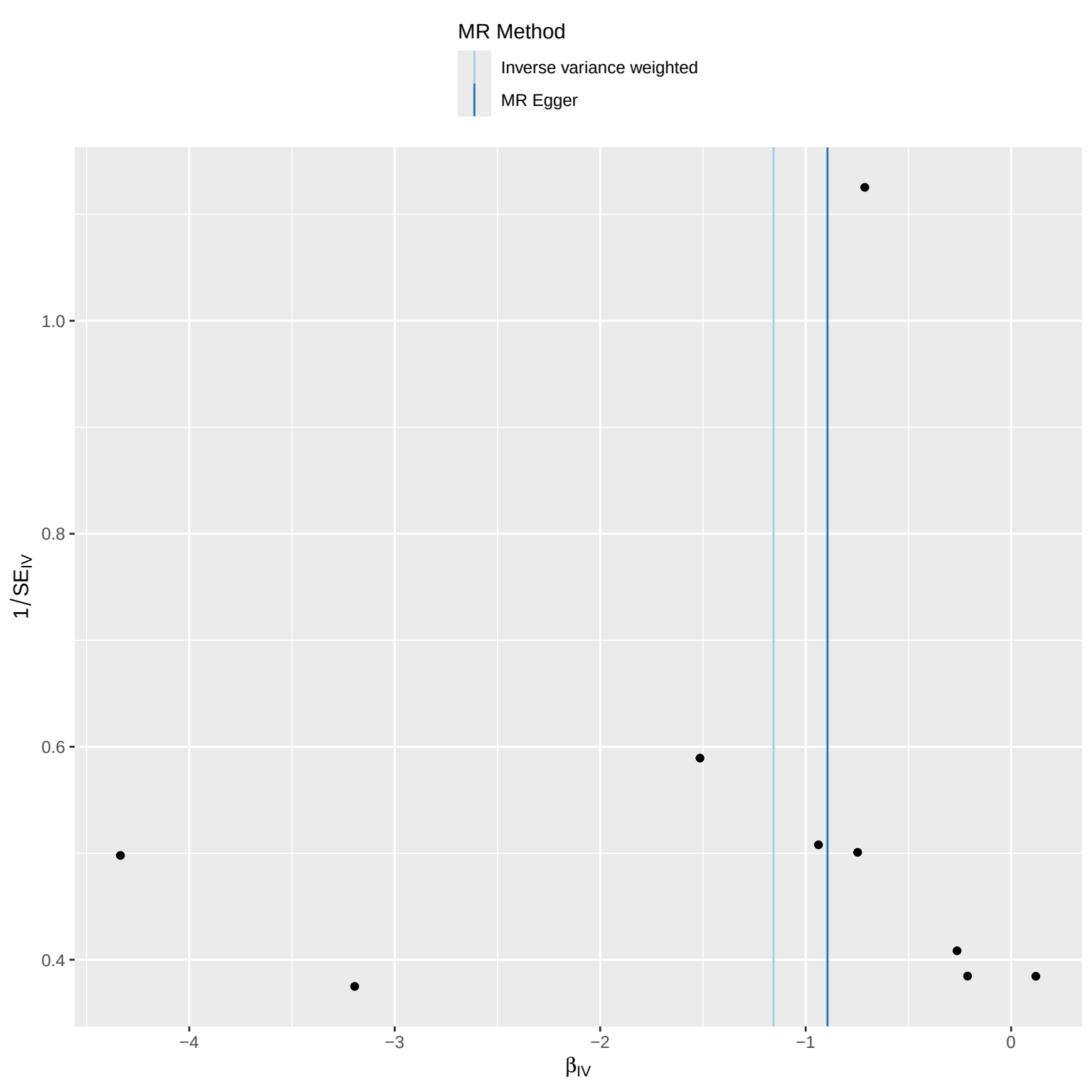

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

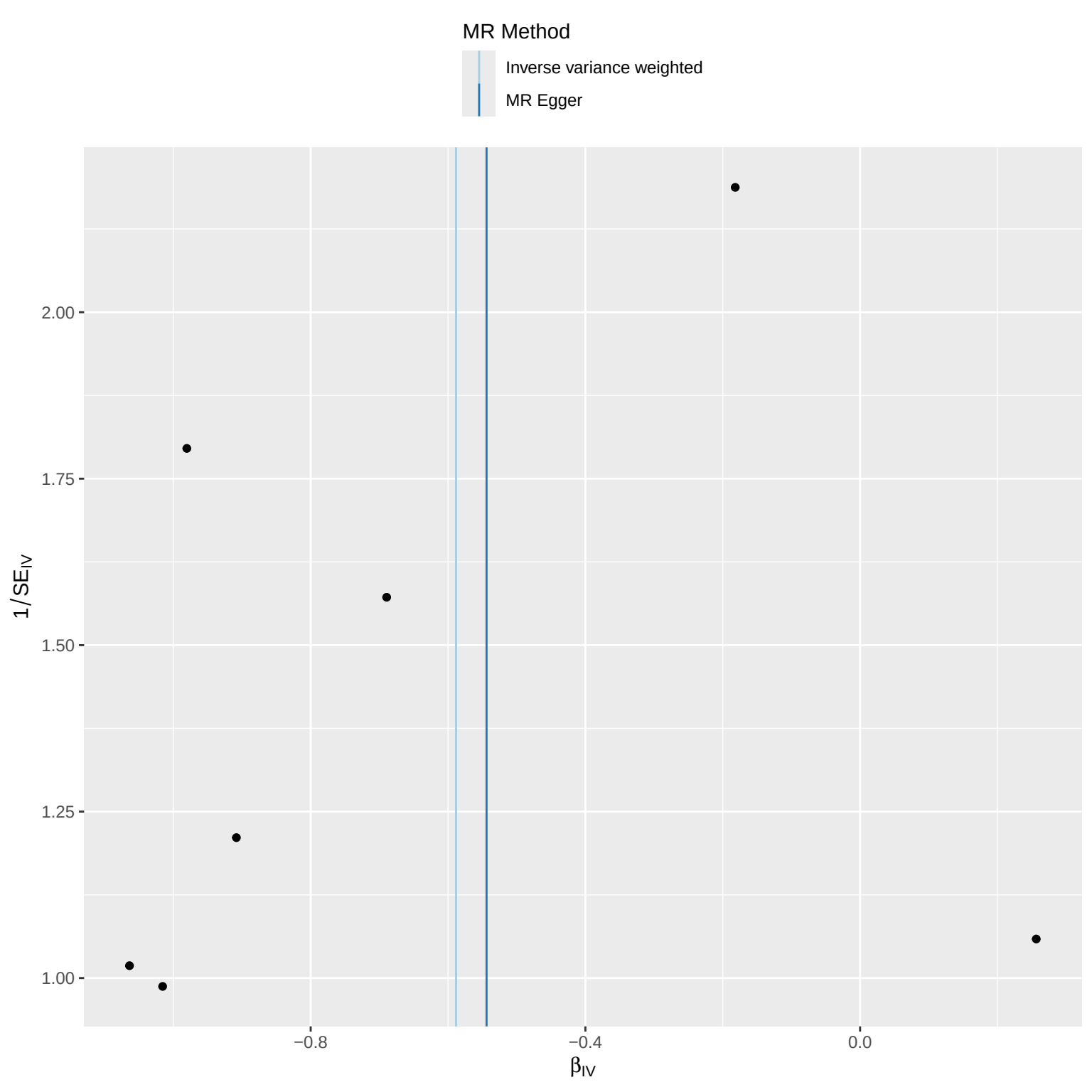

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

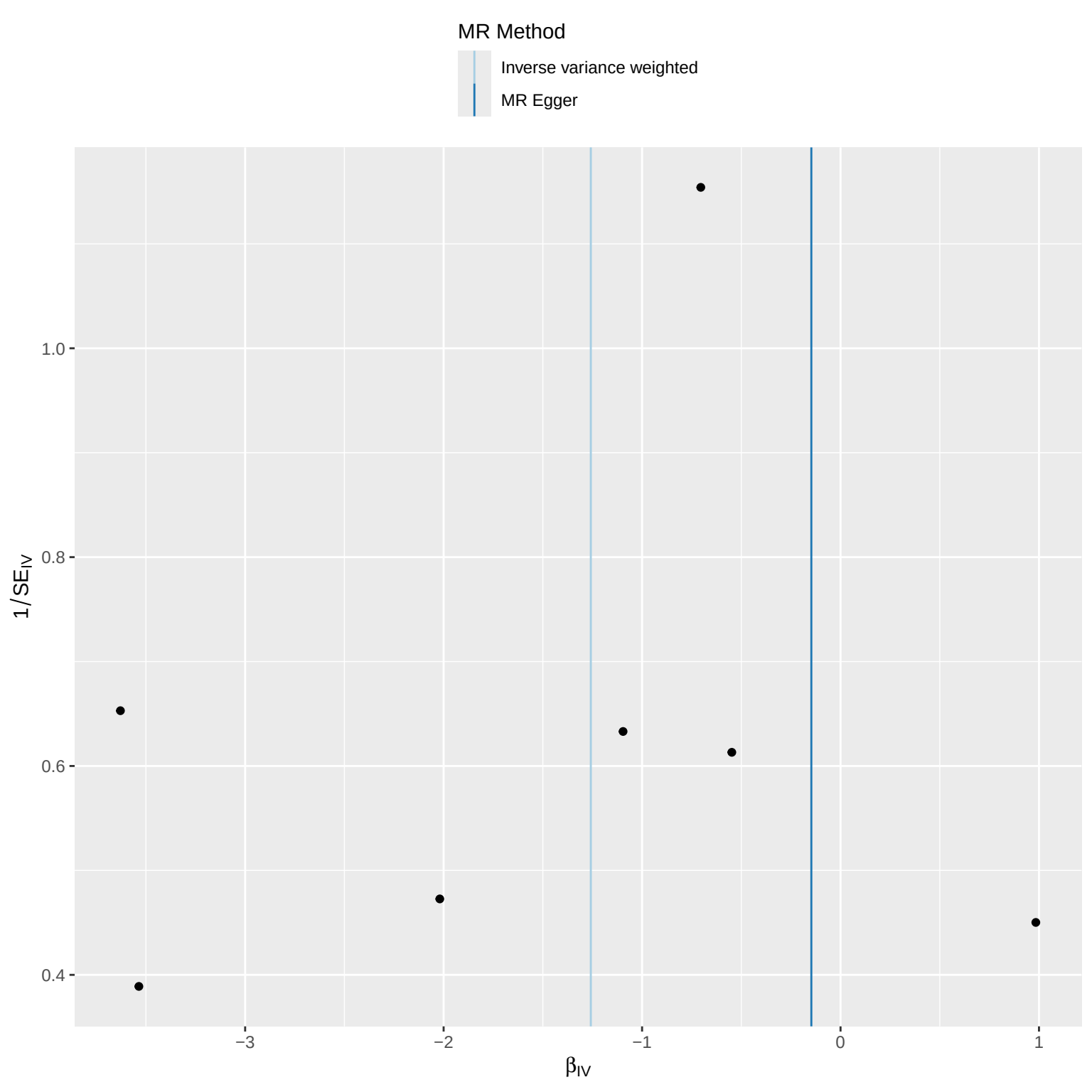

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

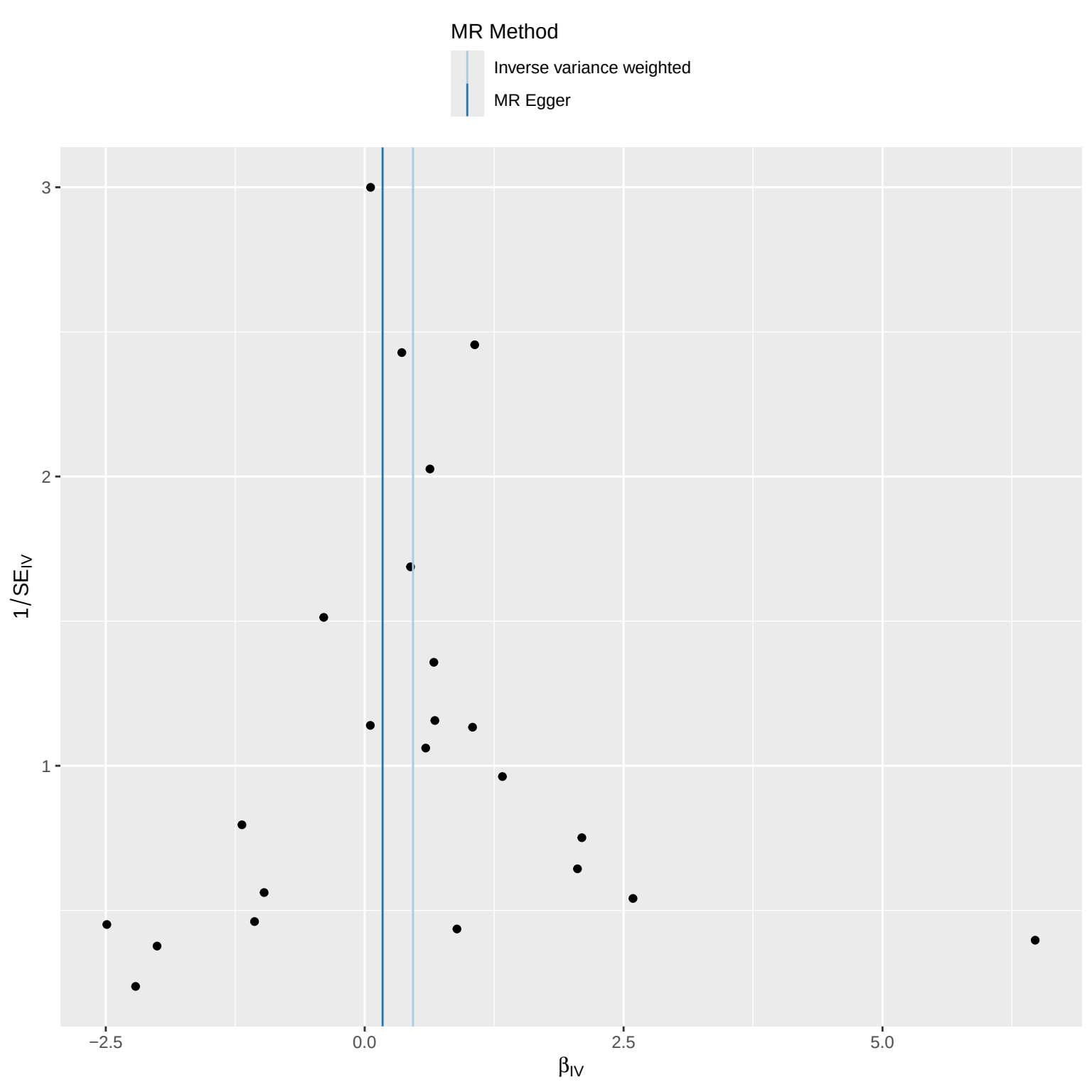

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−2
0
2
β_IV

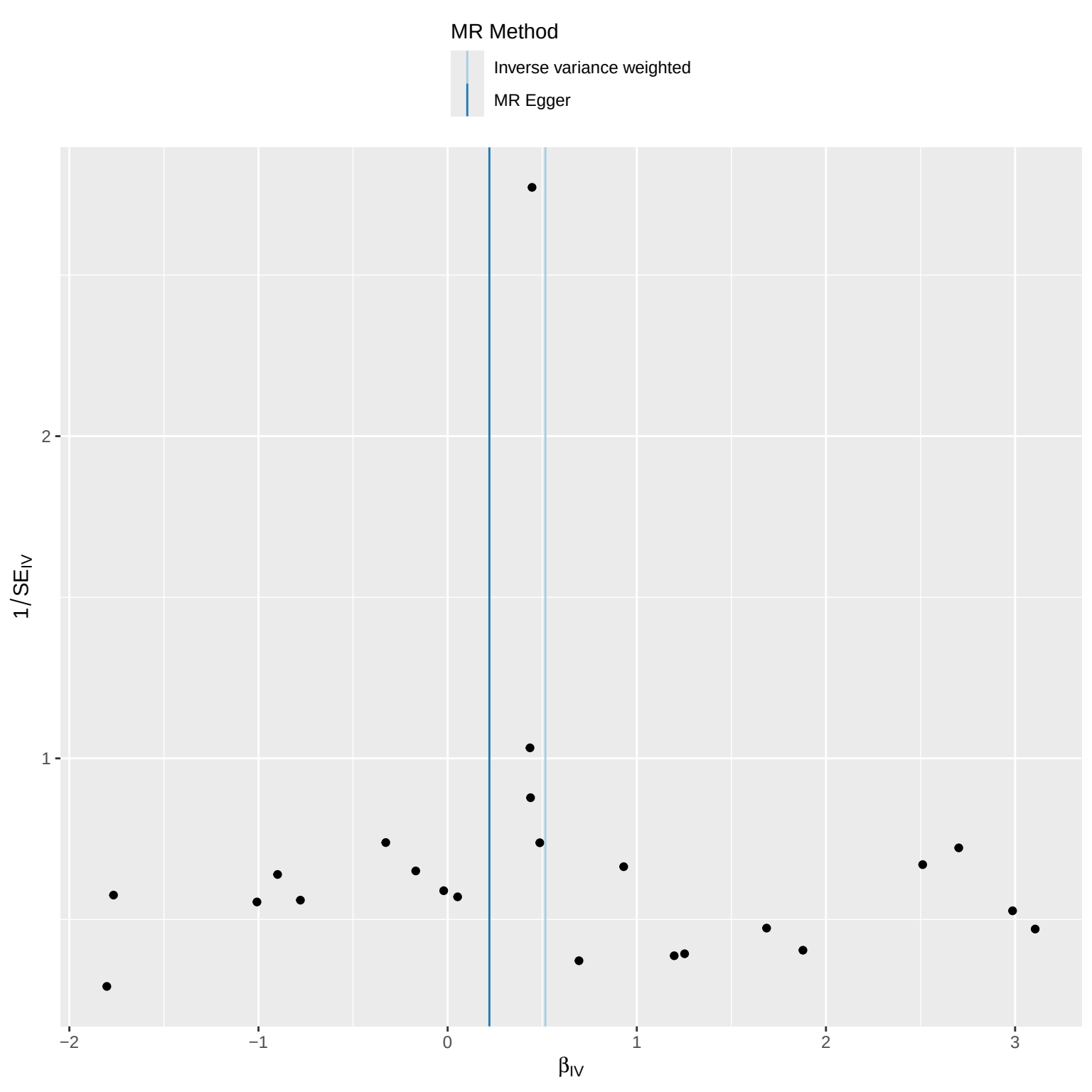

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

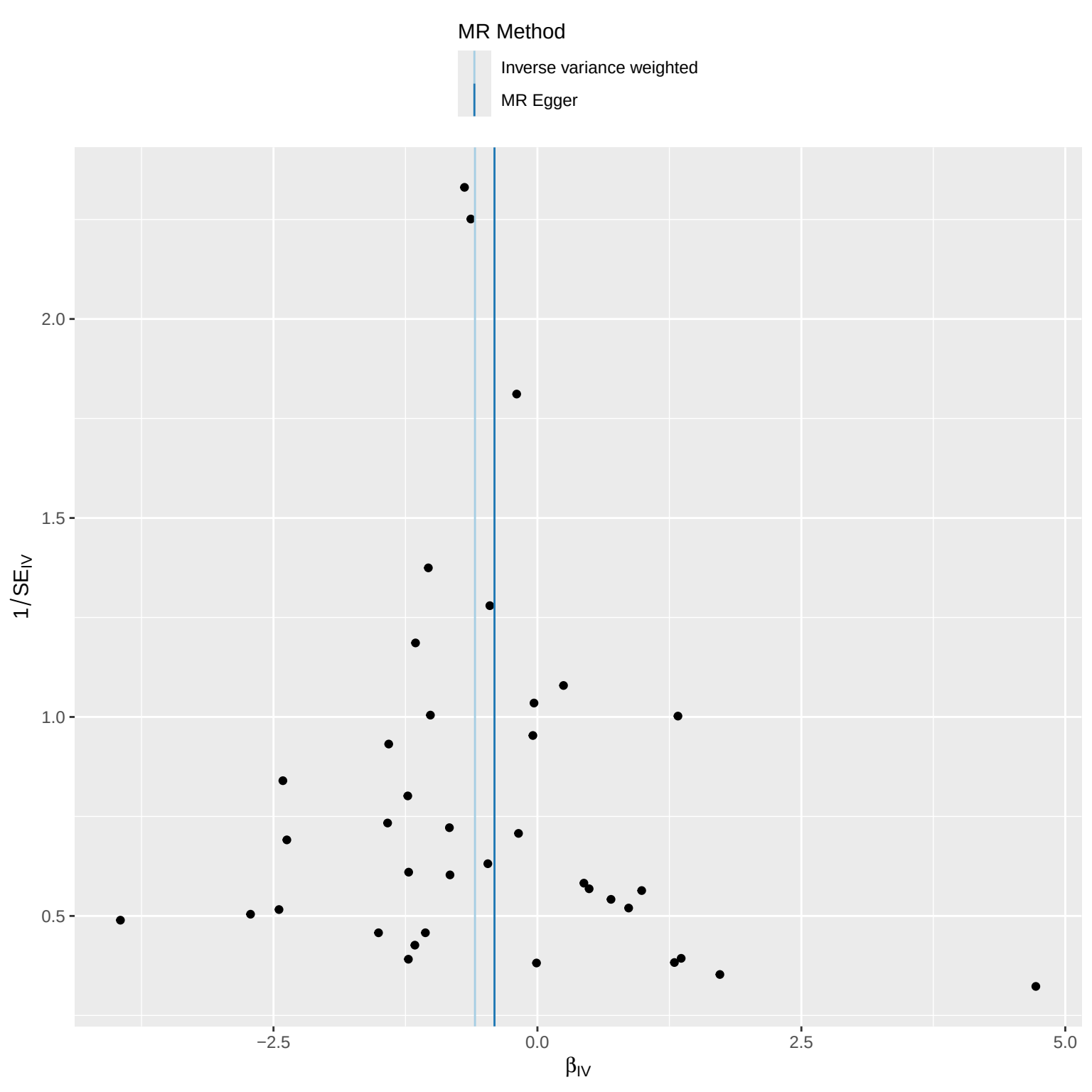

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

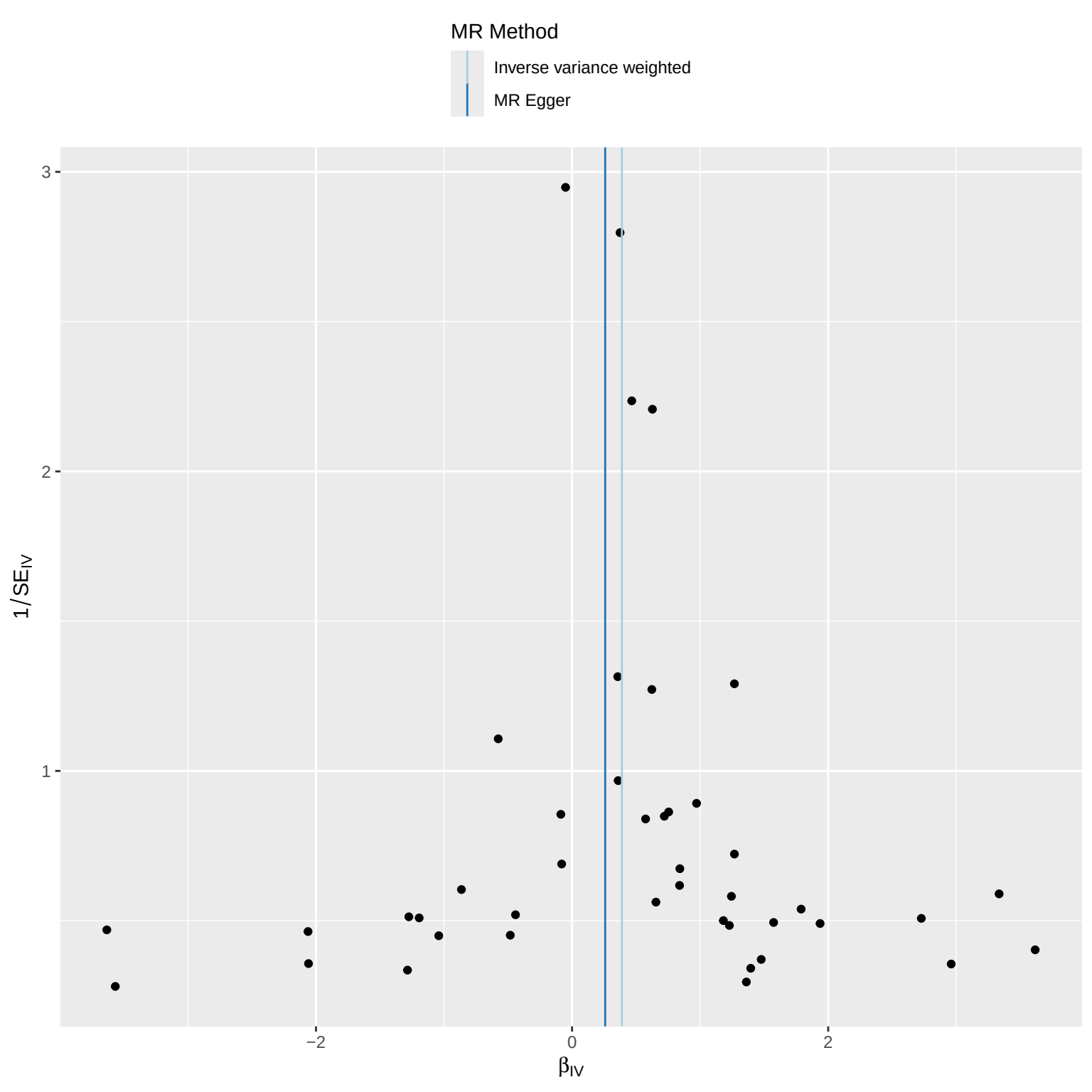

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
−0.8
−0.4
0.0
β_IV

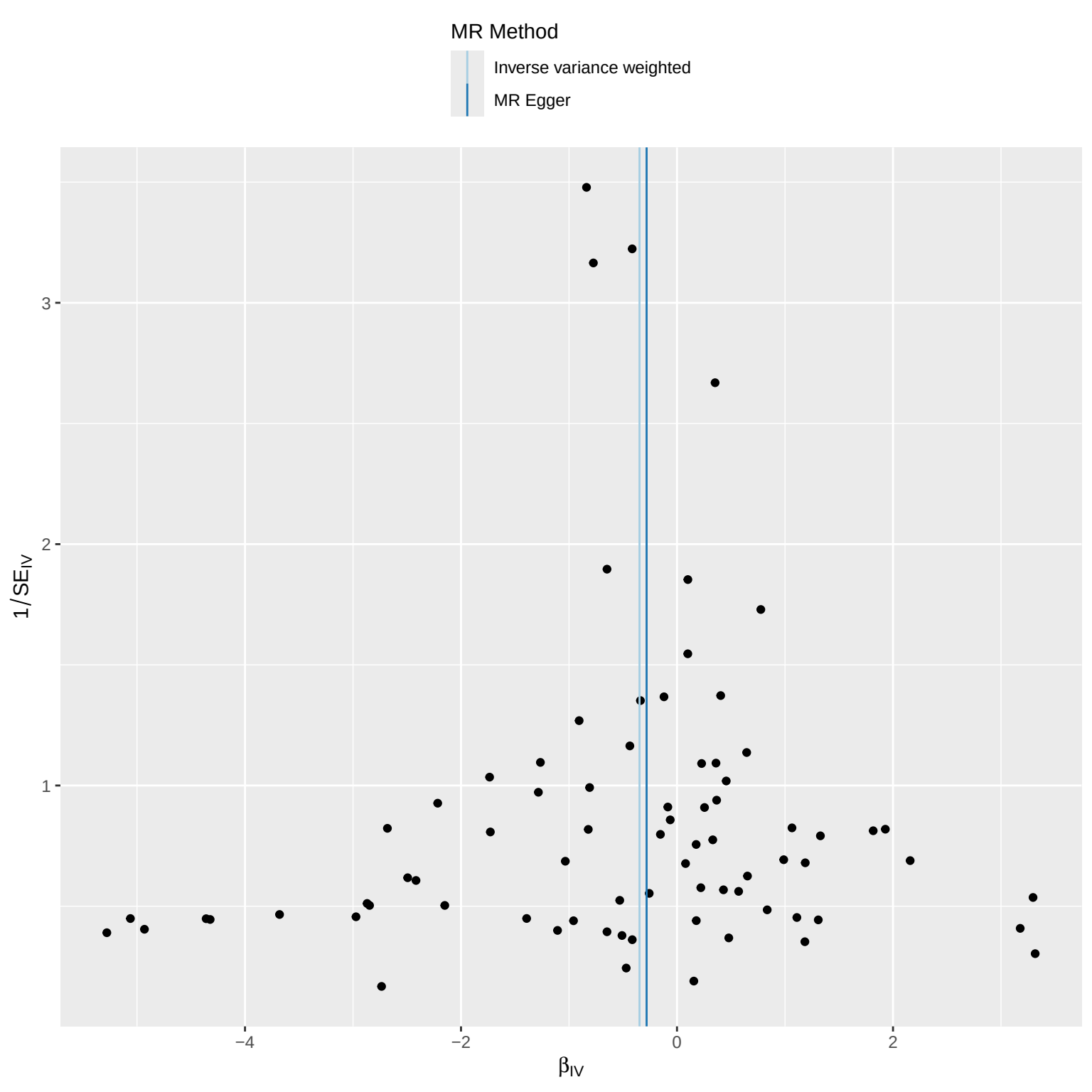

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

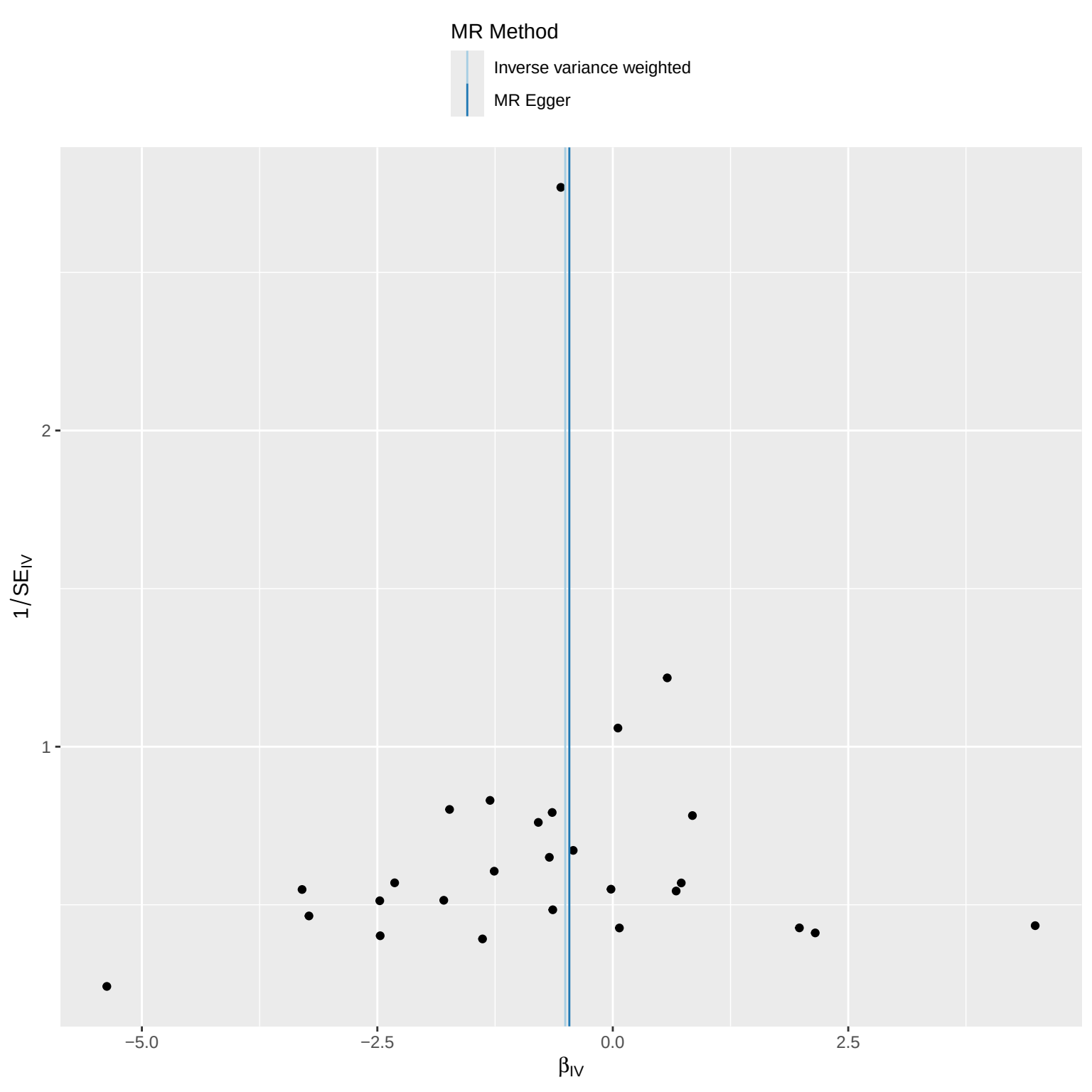

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

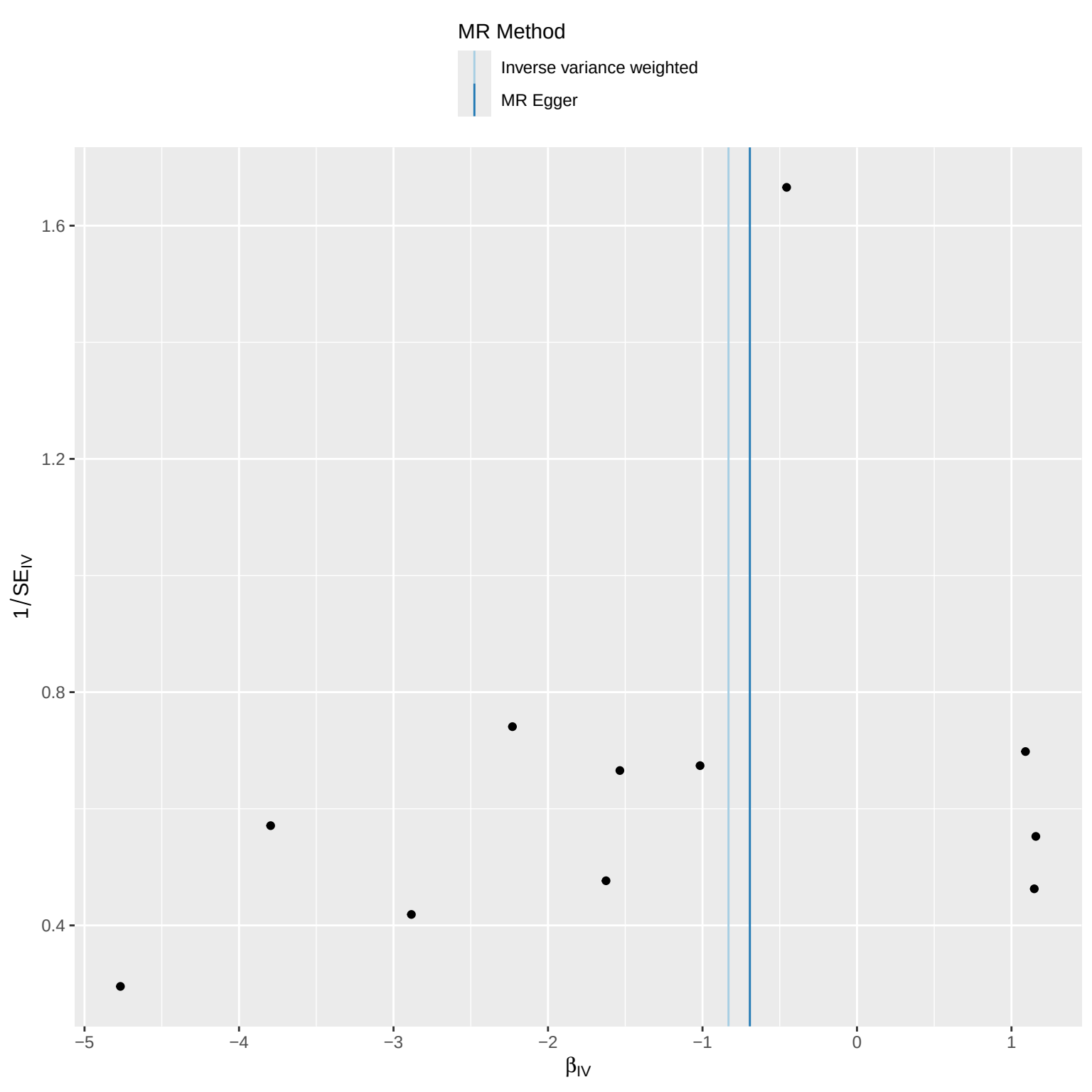

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

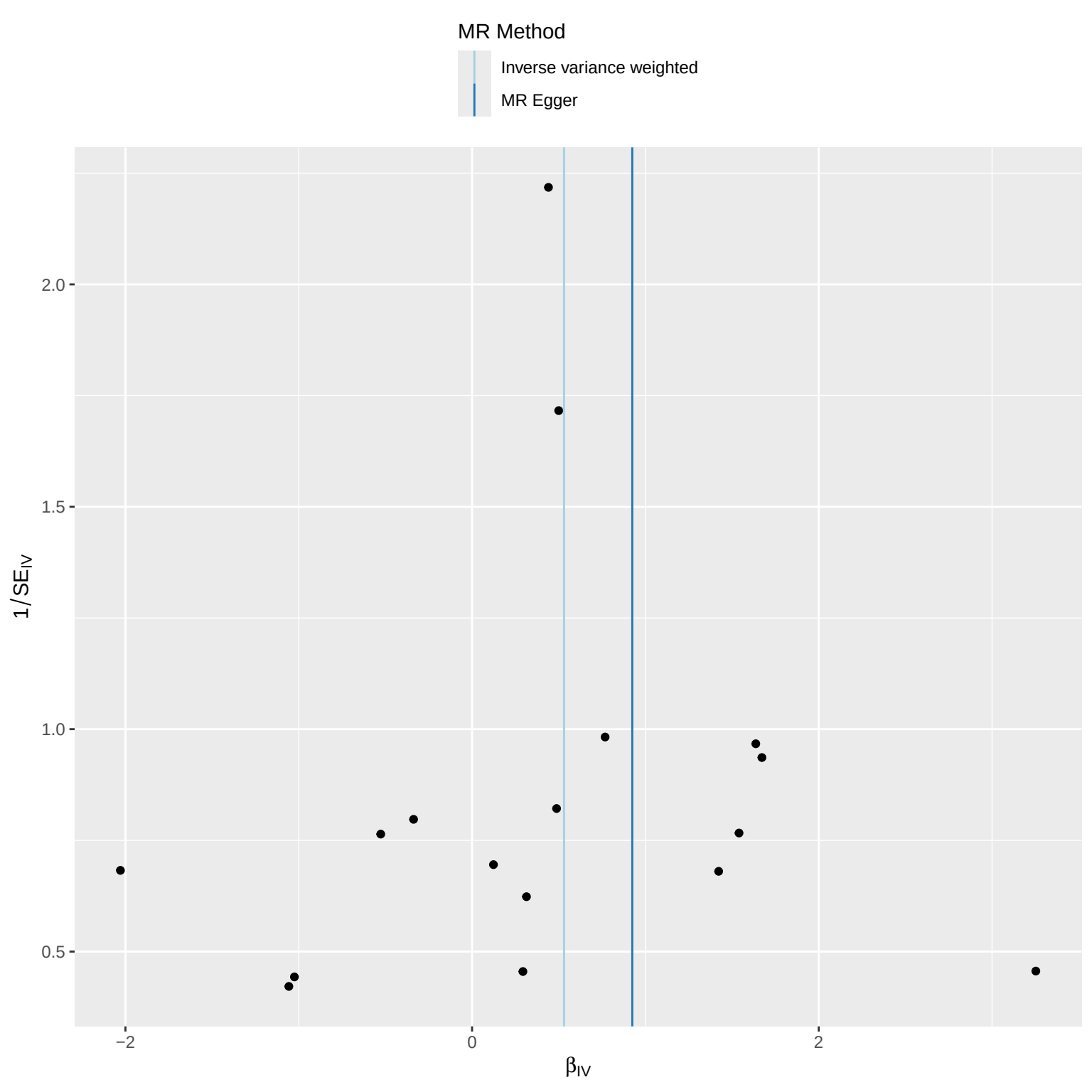

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

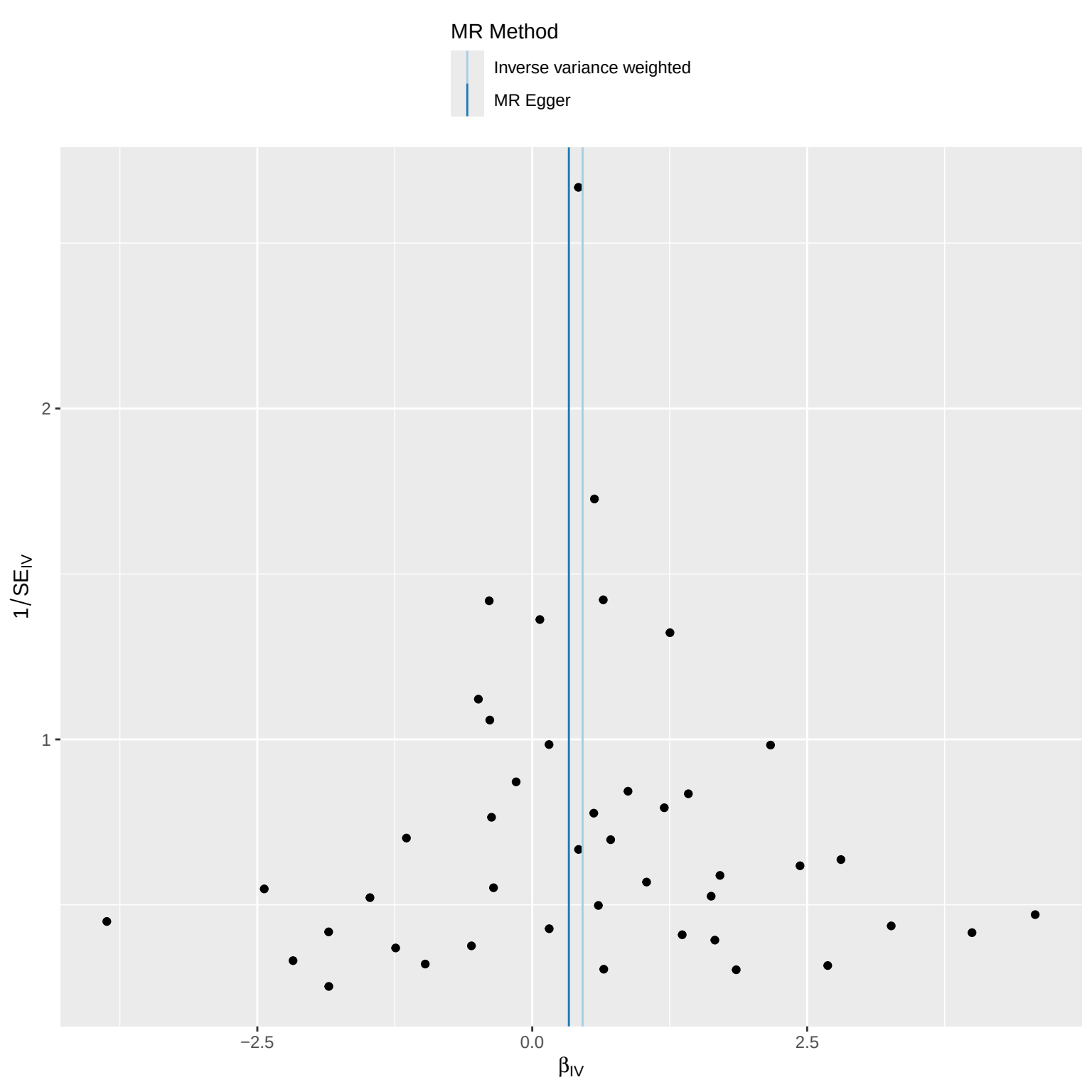

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

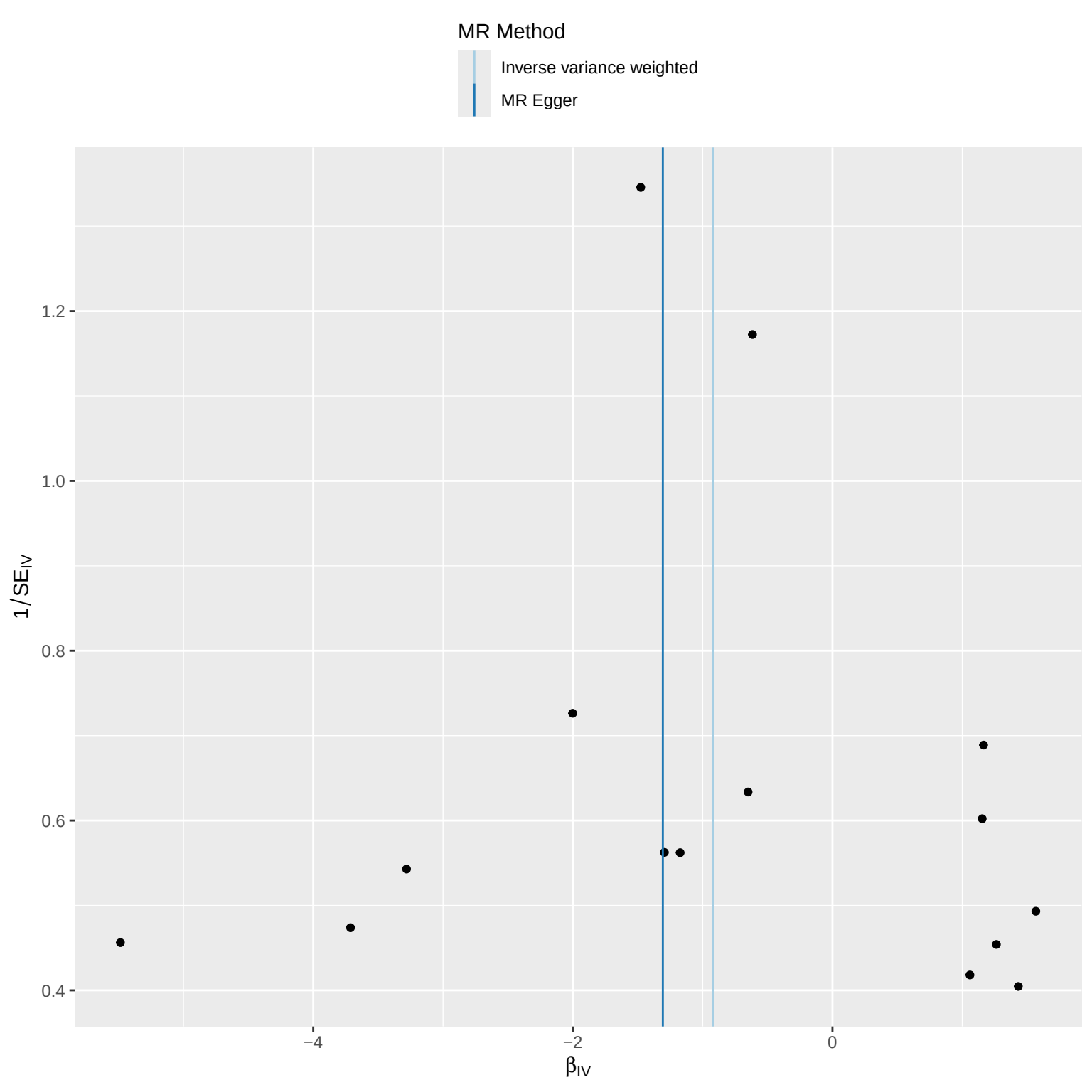

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

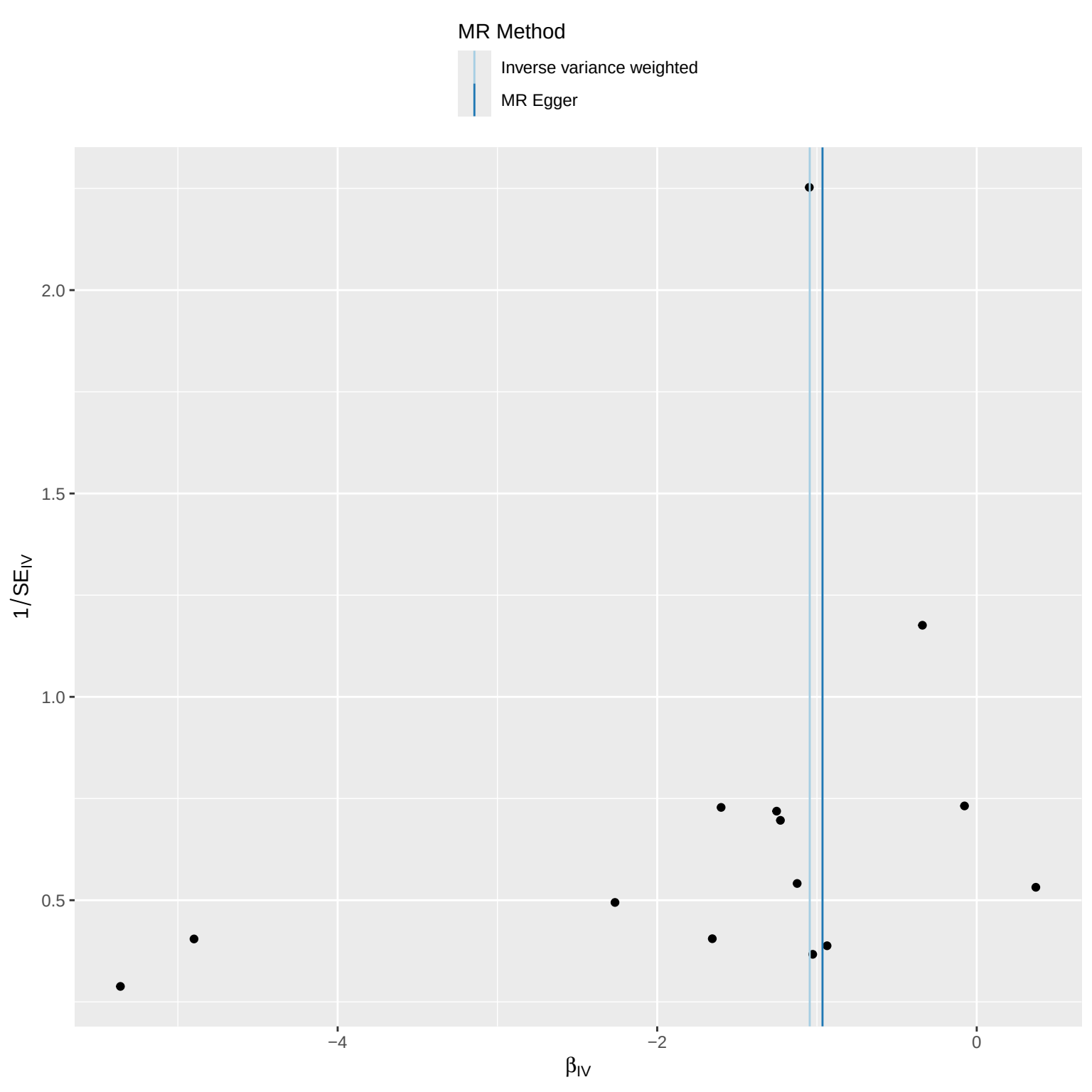

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

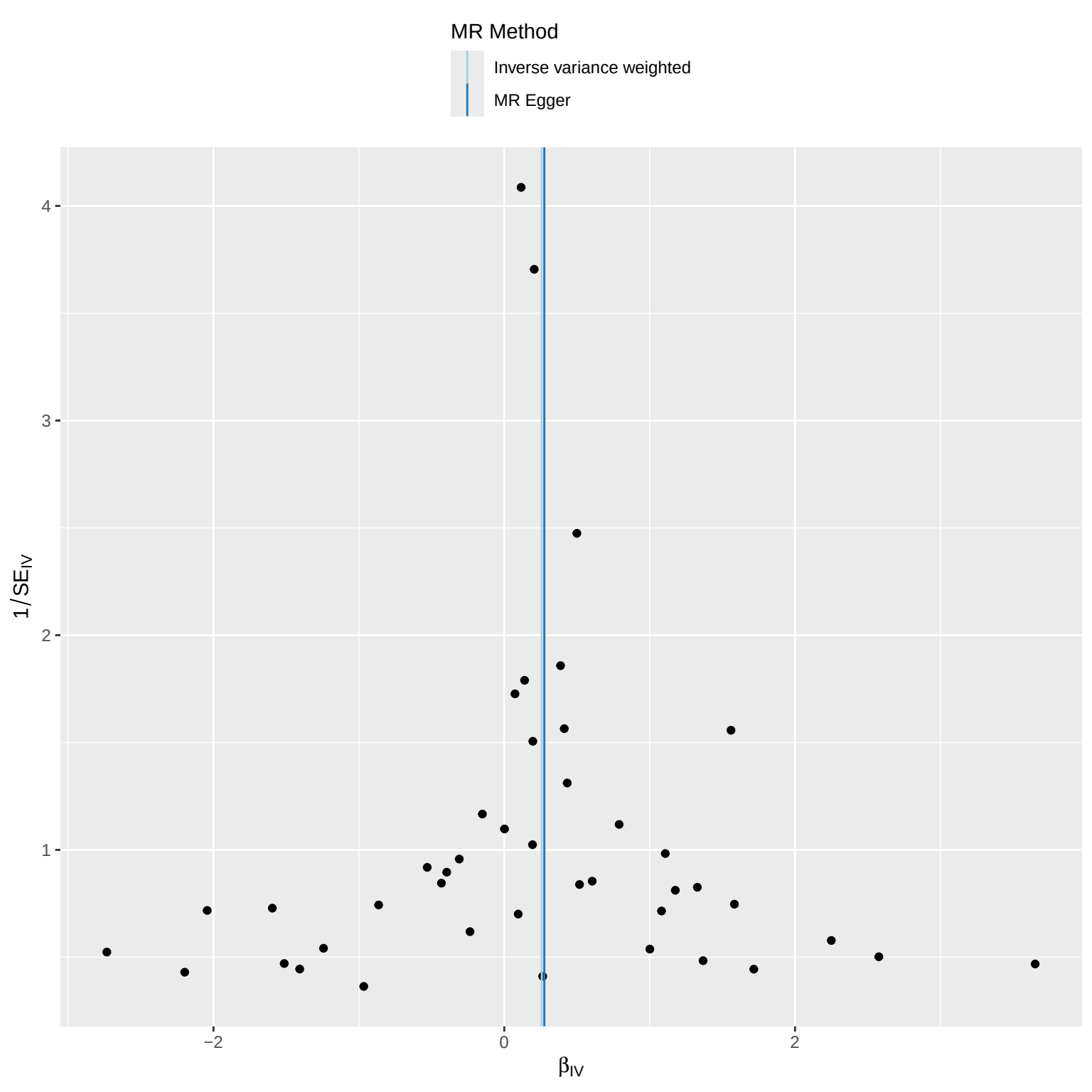

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−5
−4
−3
−2
−1
0
1
β_IV

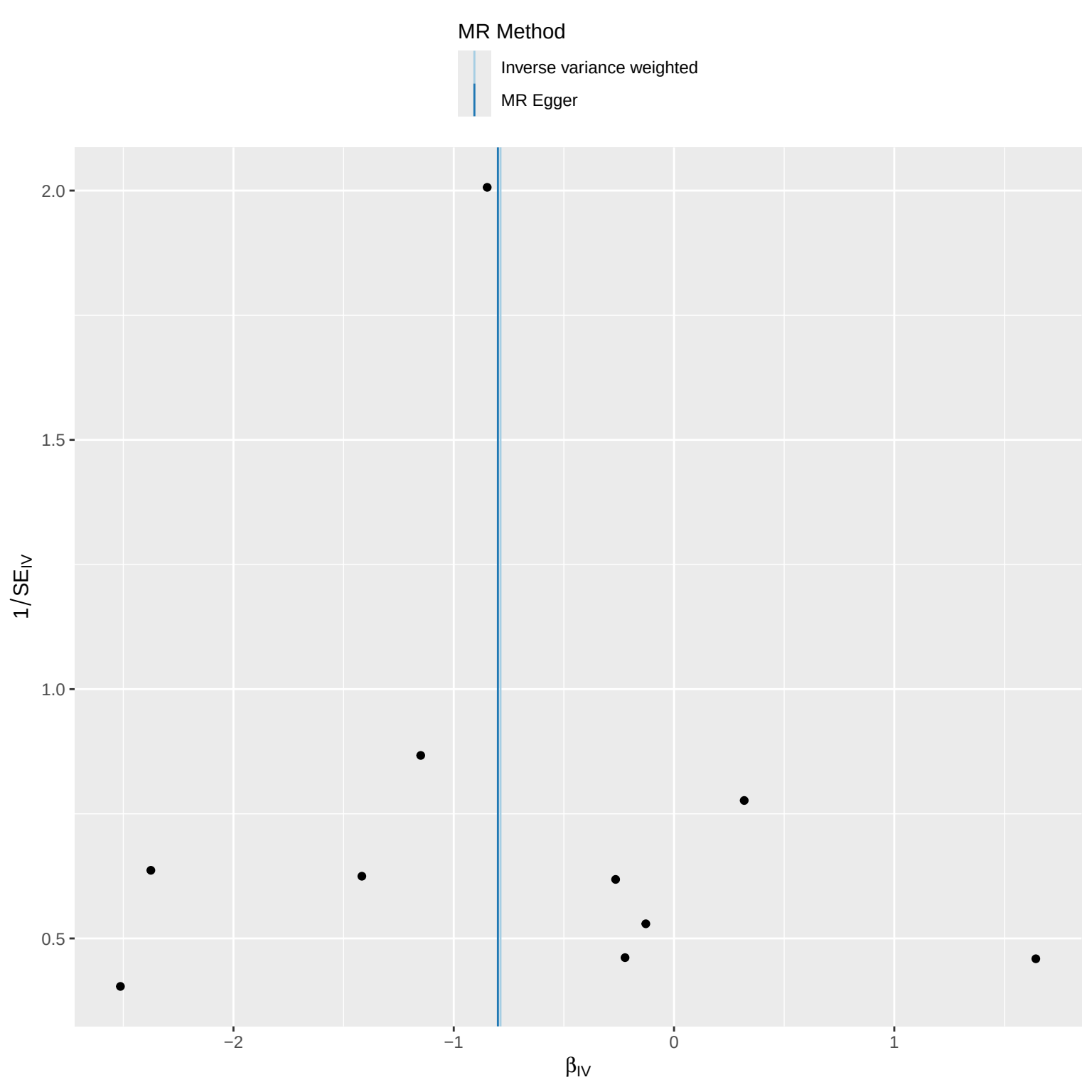

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

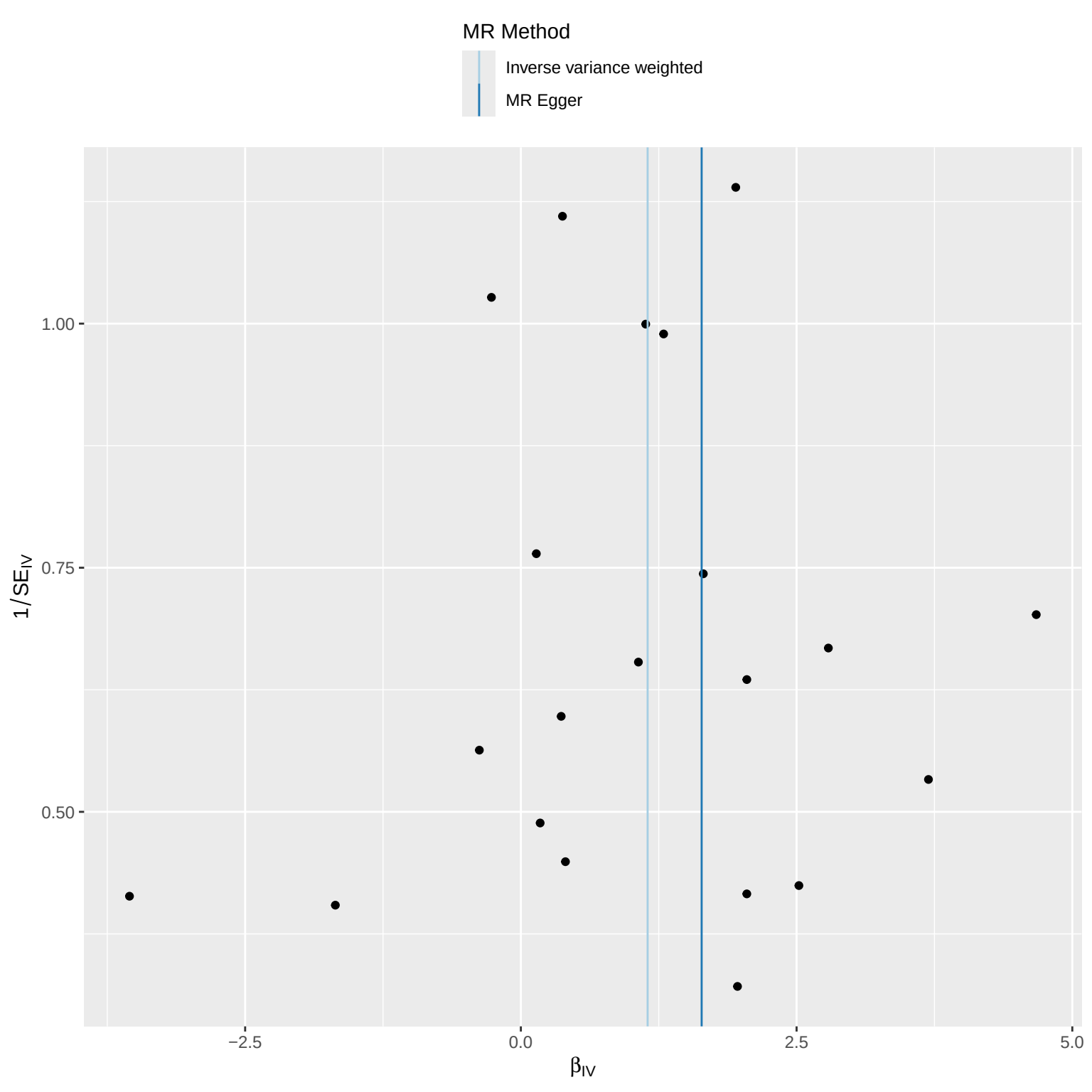

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

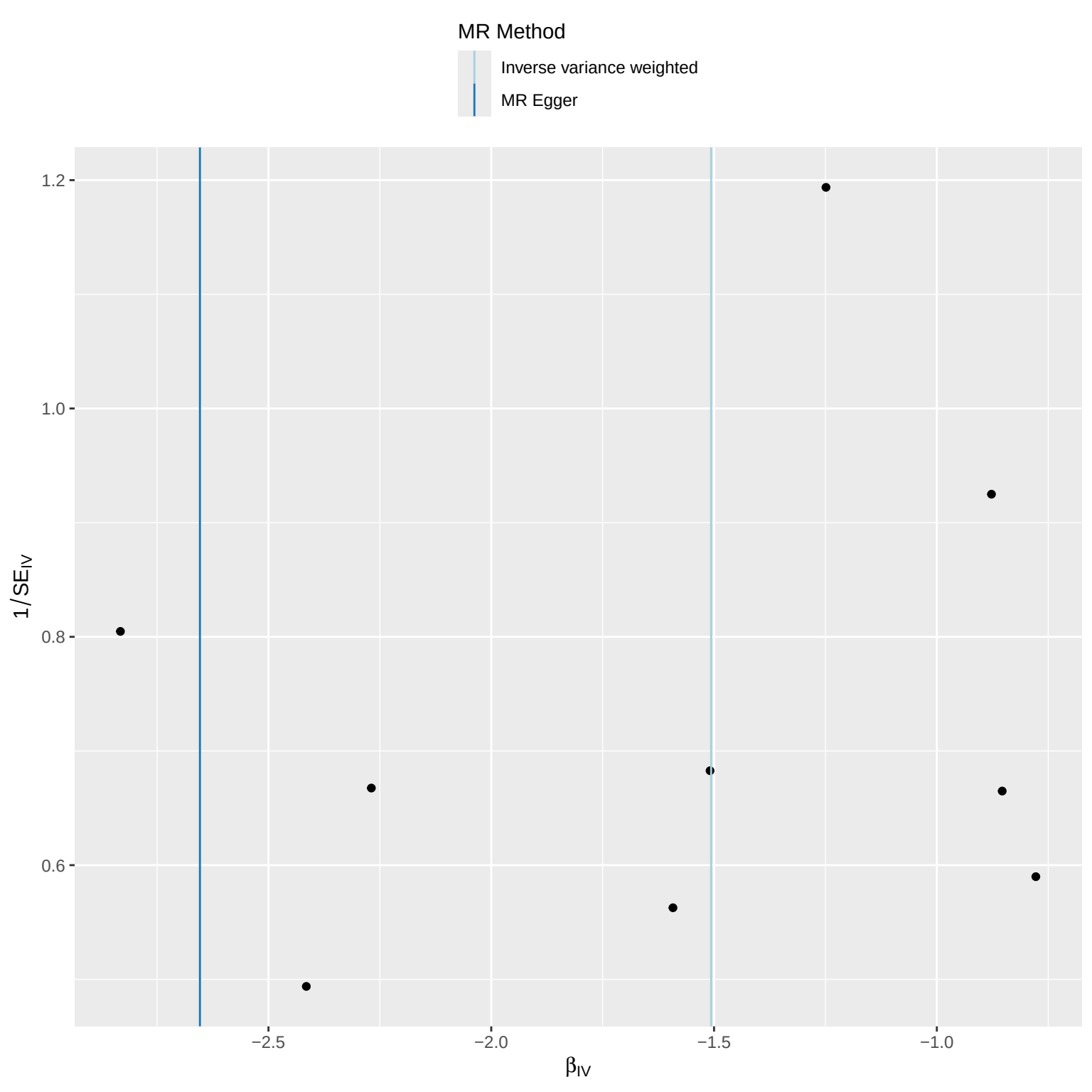

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−4
−2
0
β_IV

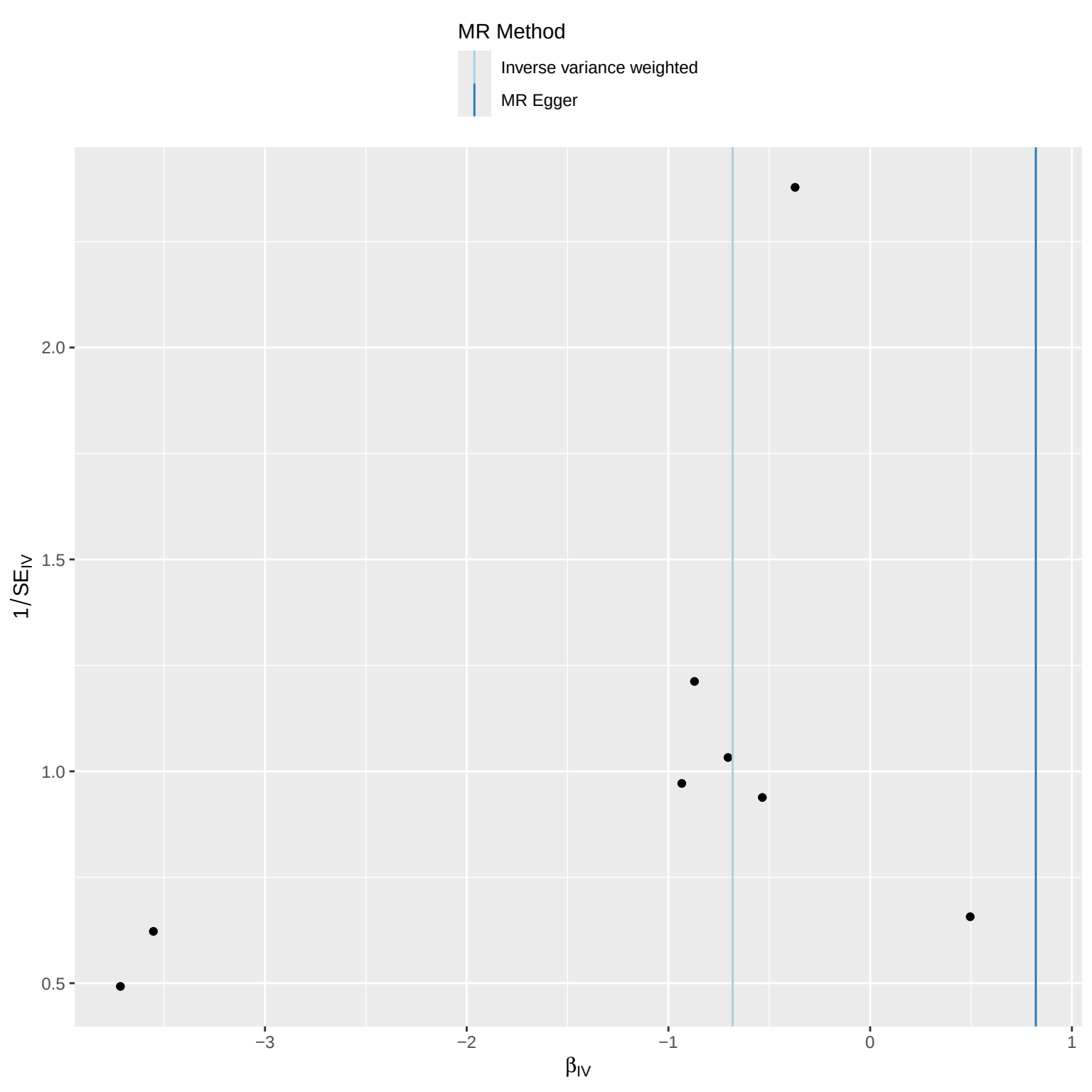

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

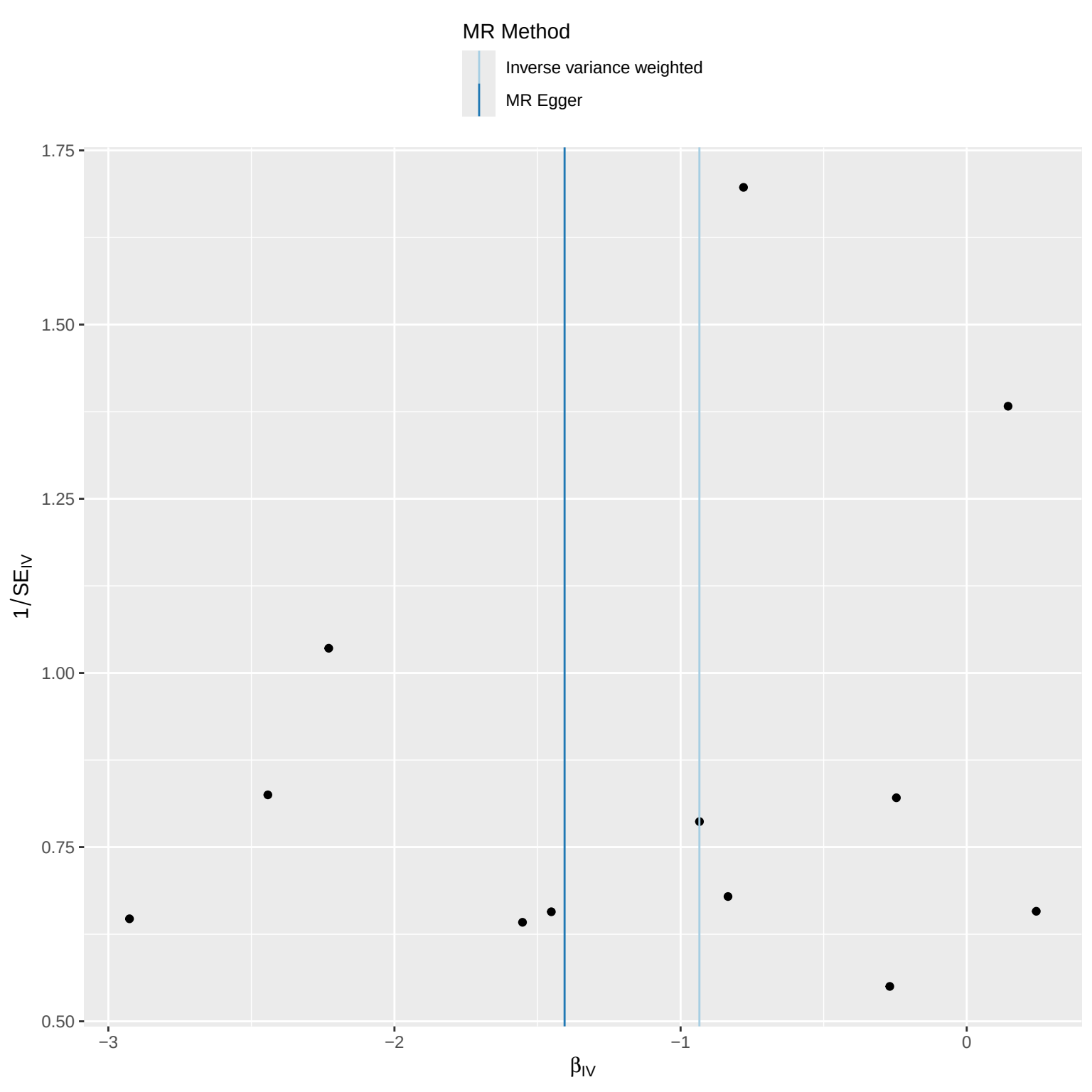

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

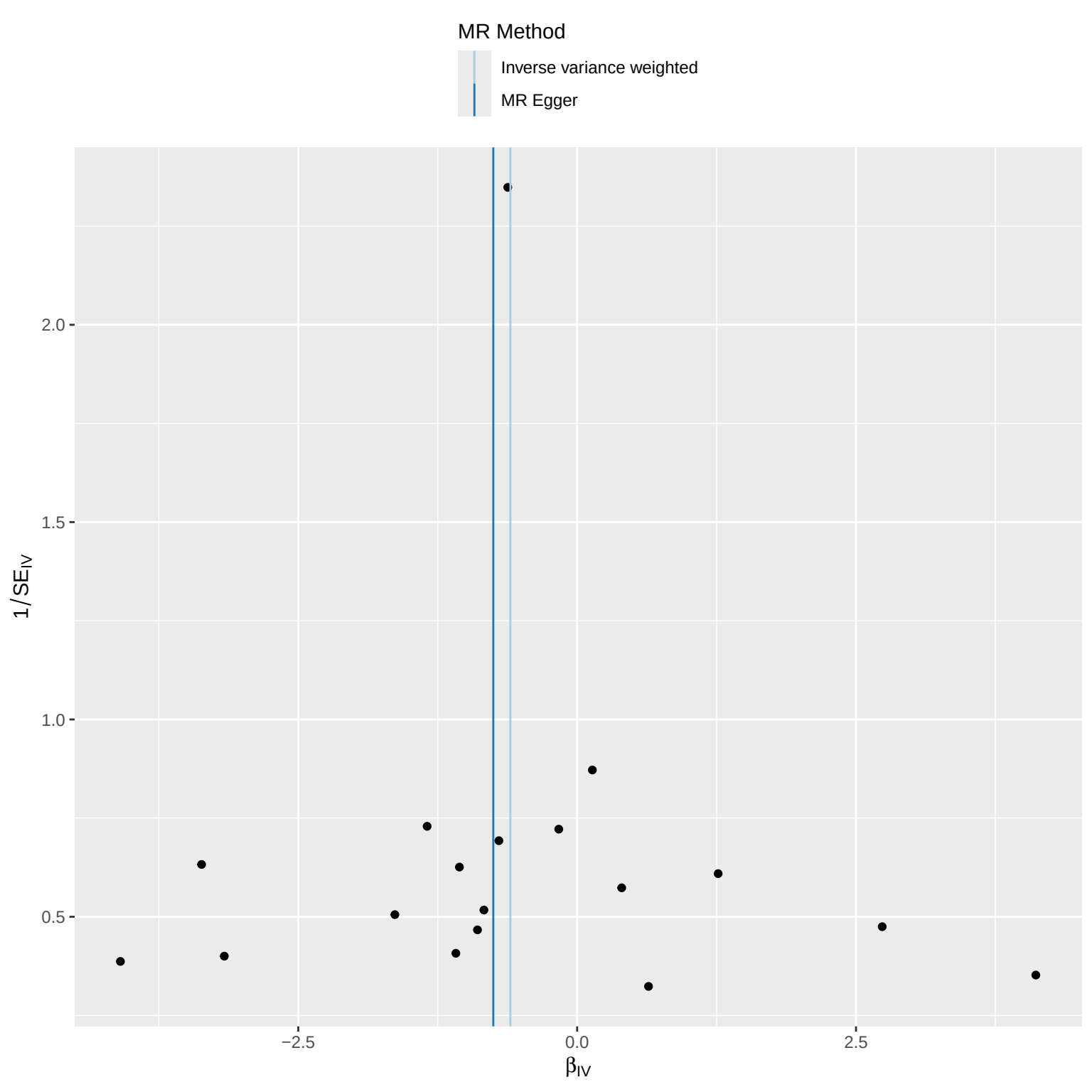

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

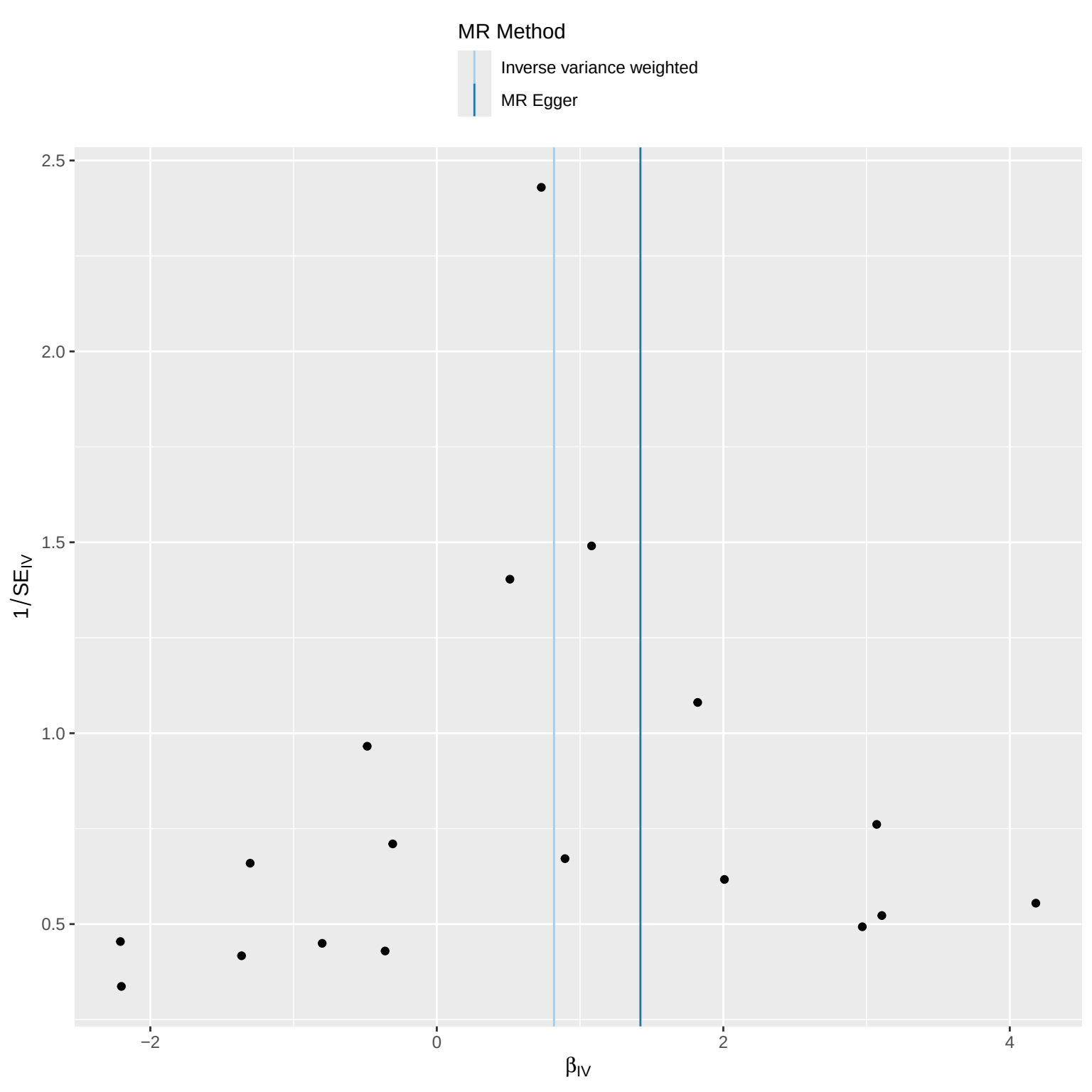

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

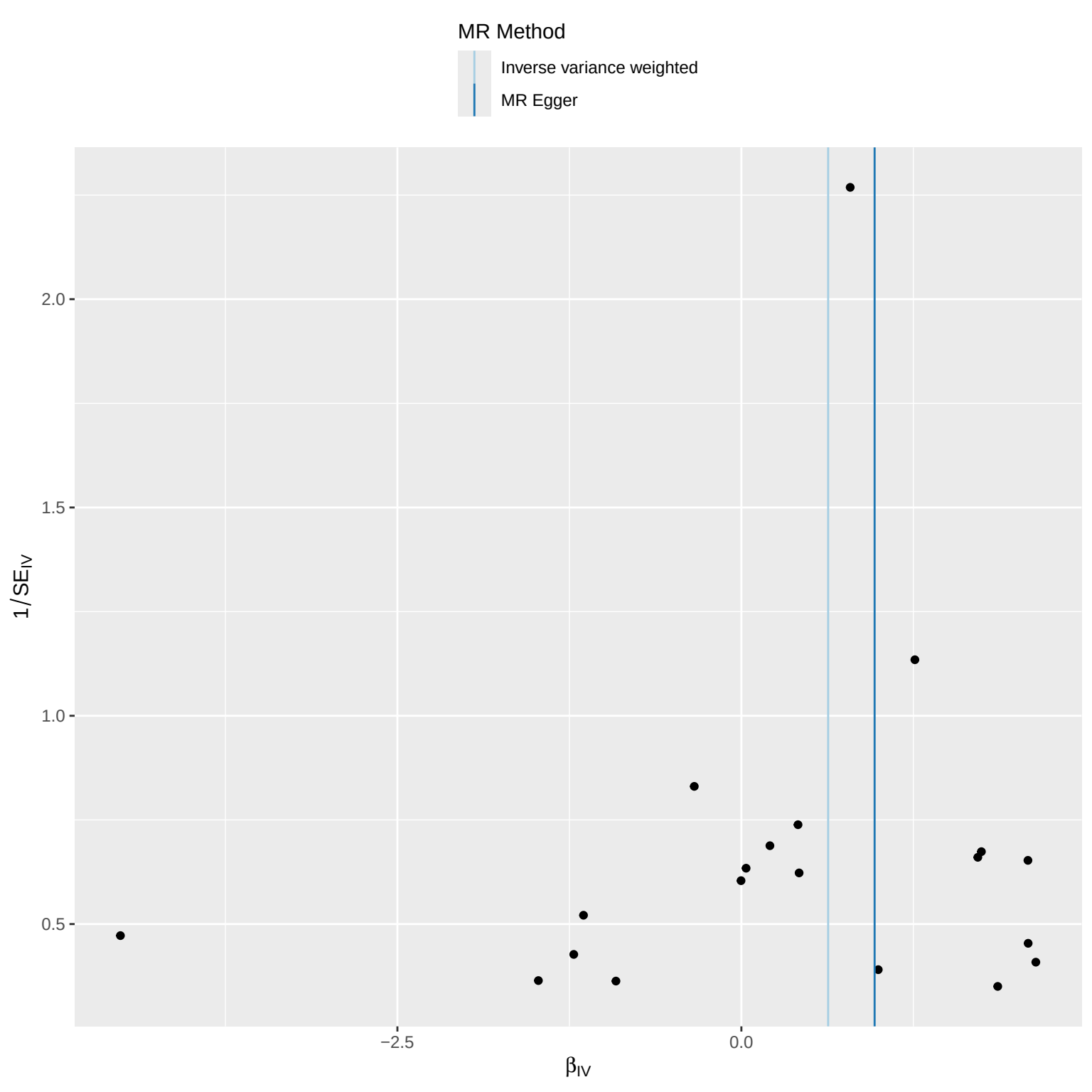

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2.5
−2.0
−1.5
−1.0
β_IV

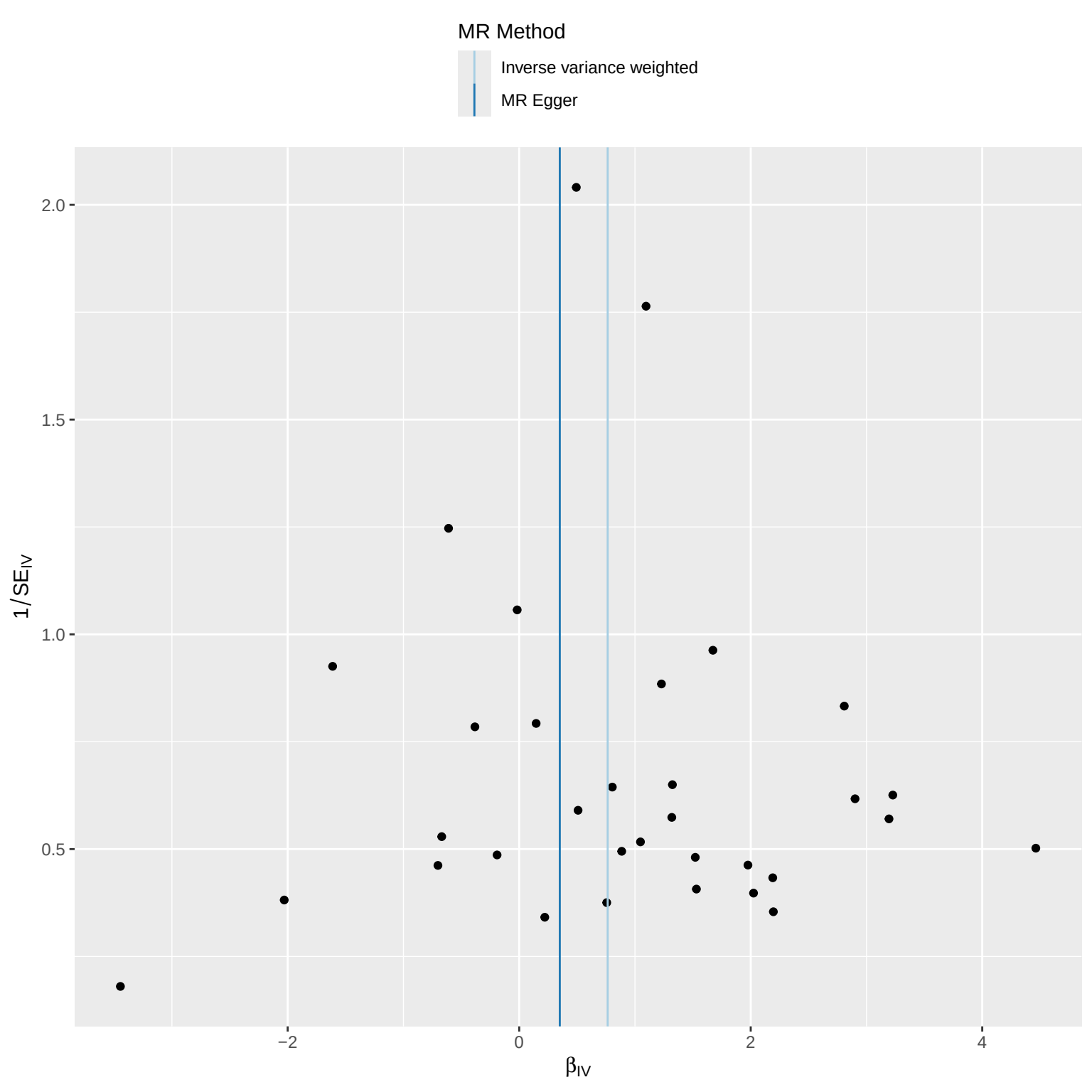

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

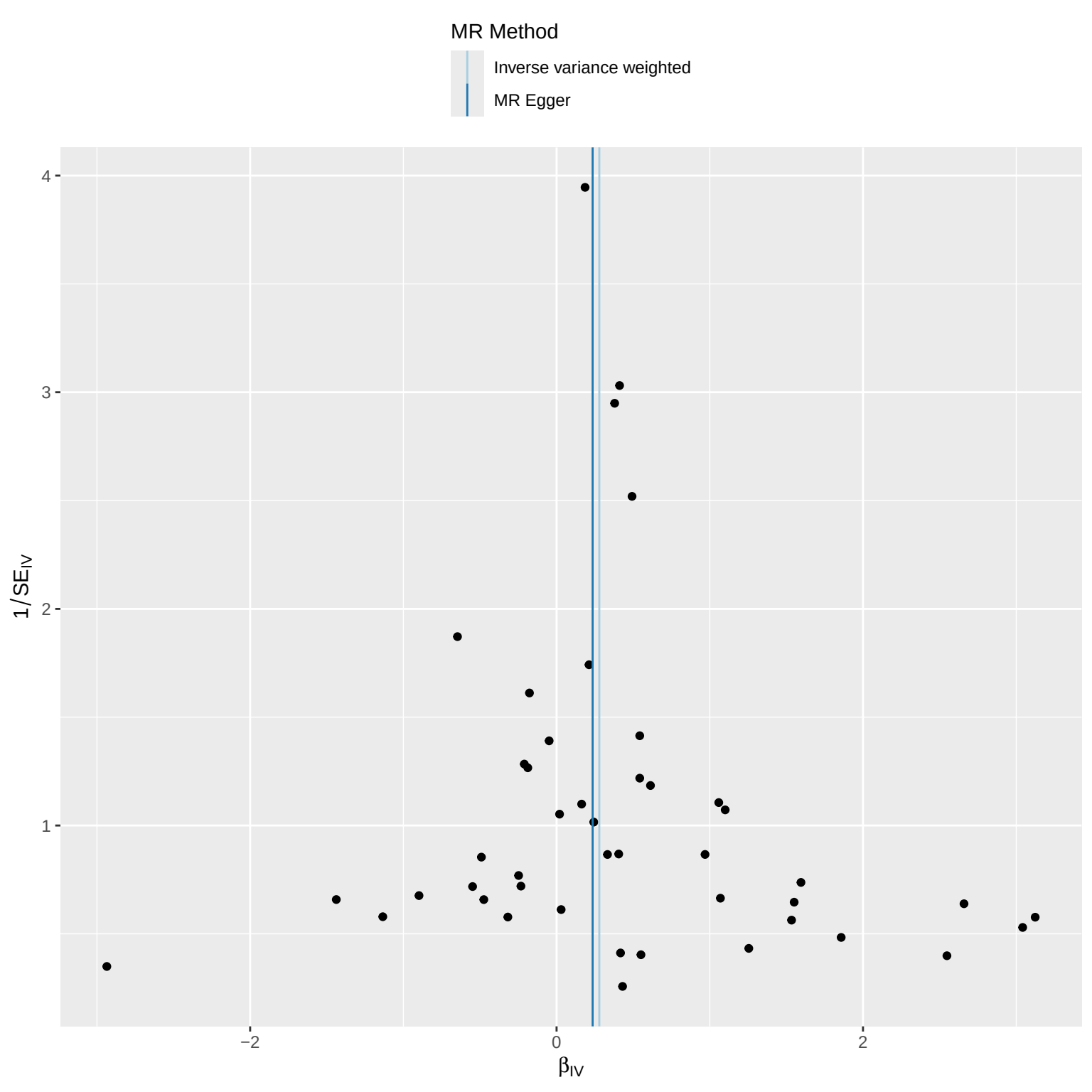

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
β_IV

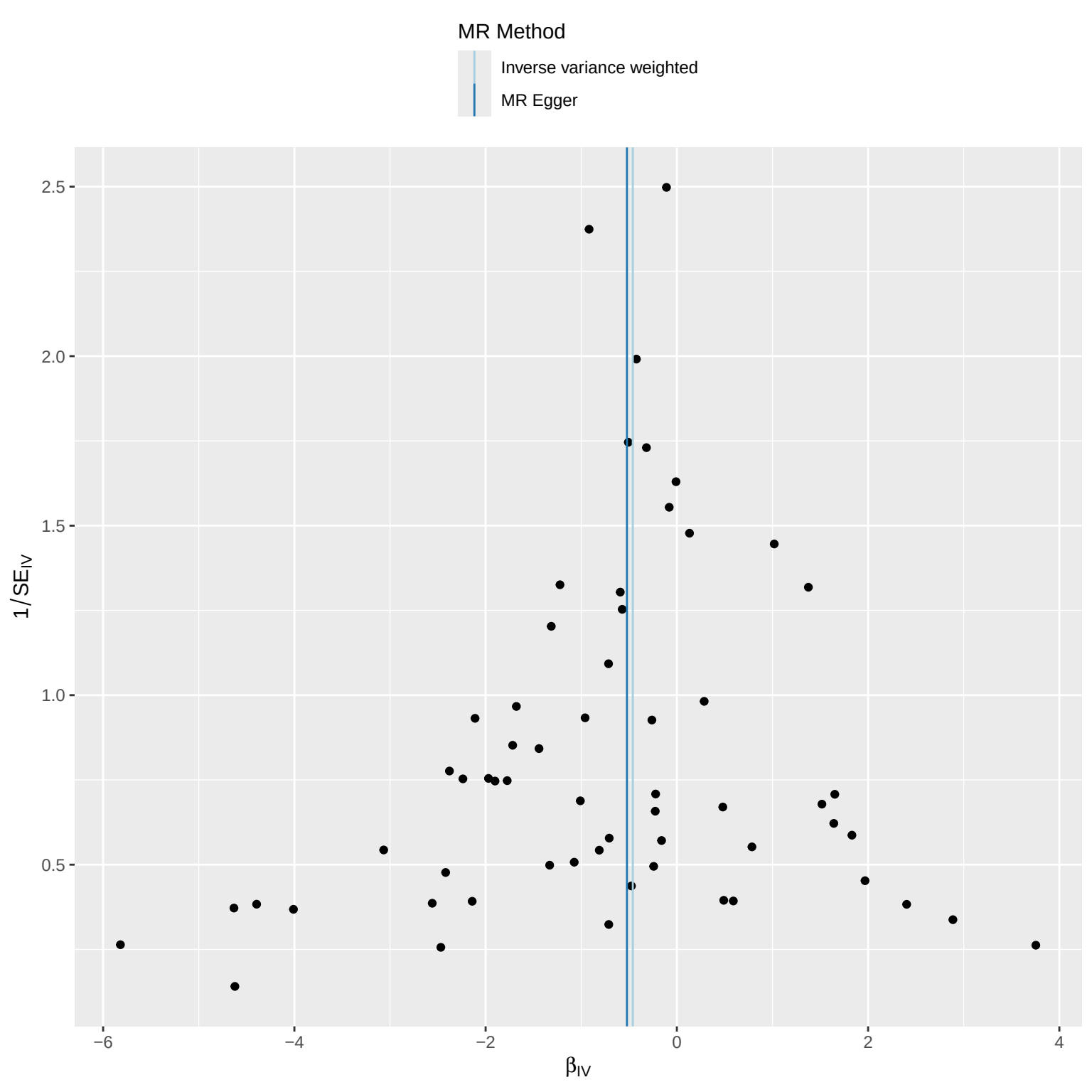

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

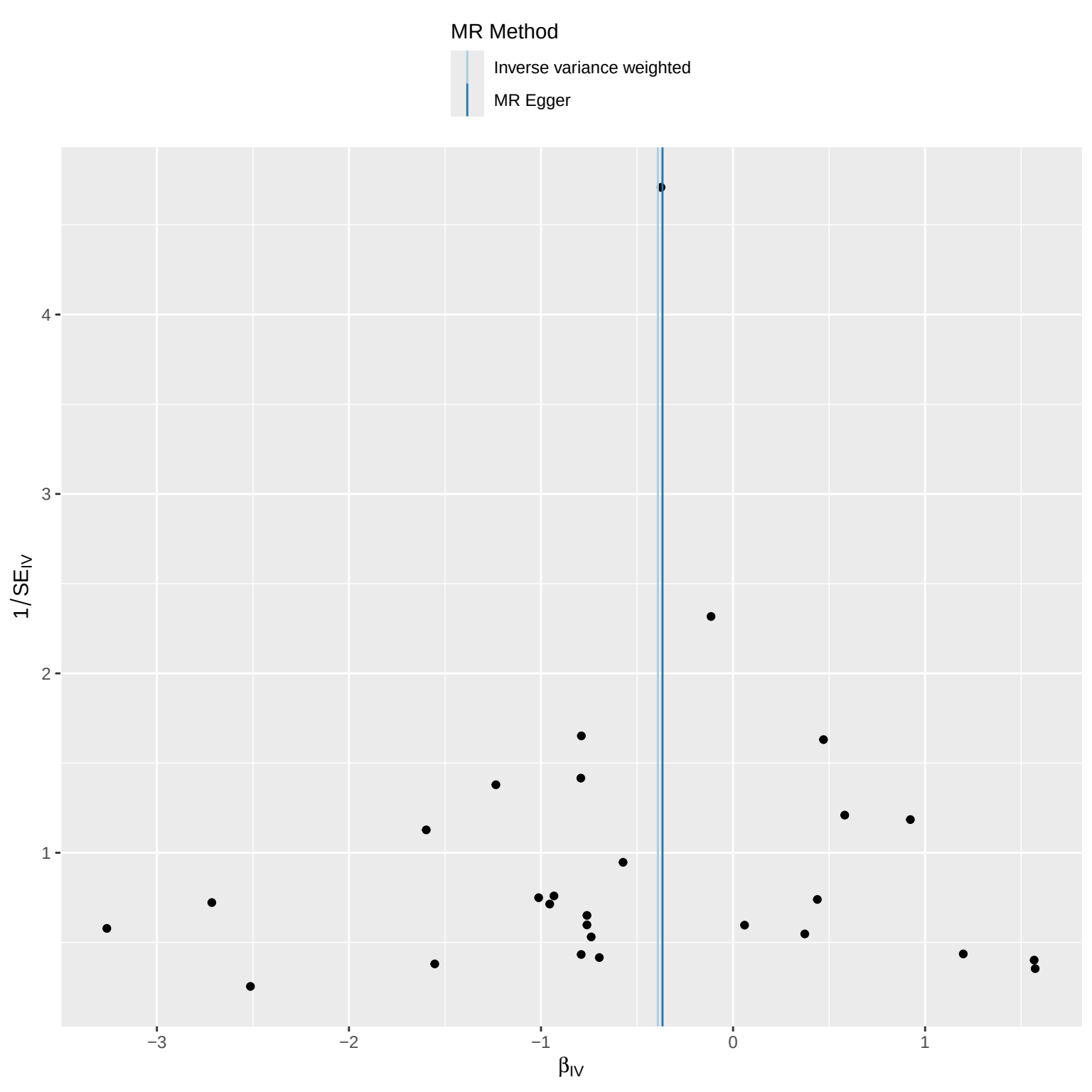

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

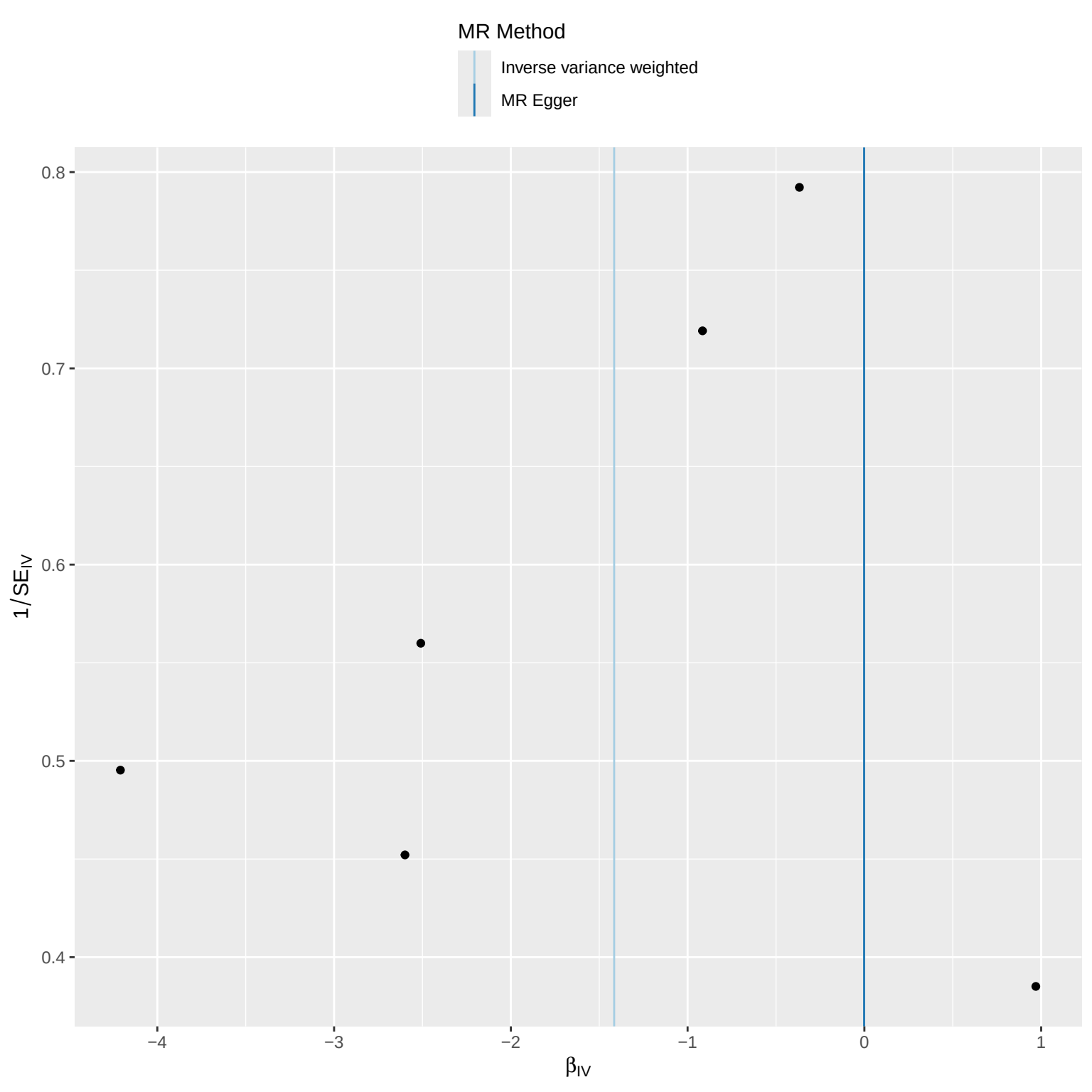

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
β_IV

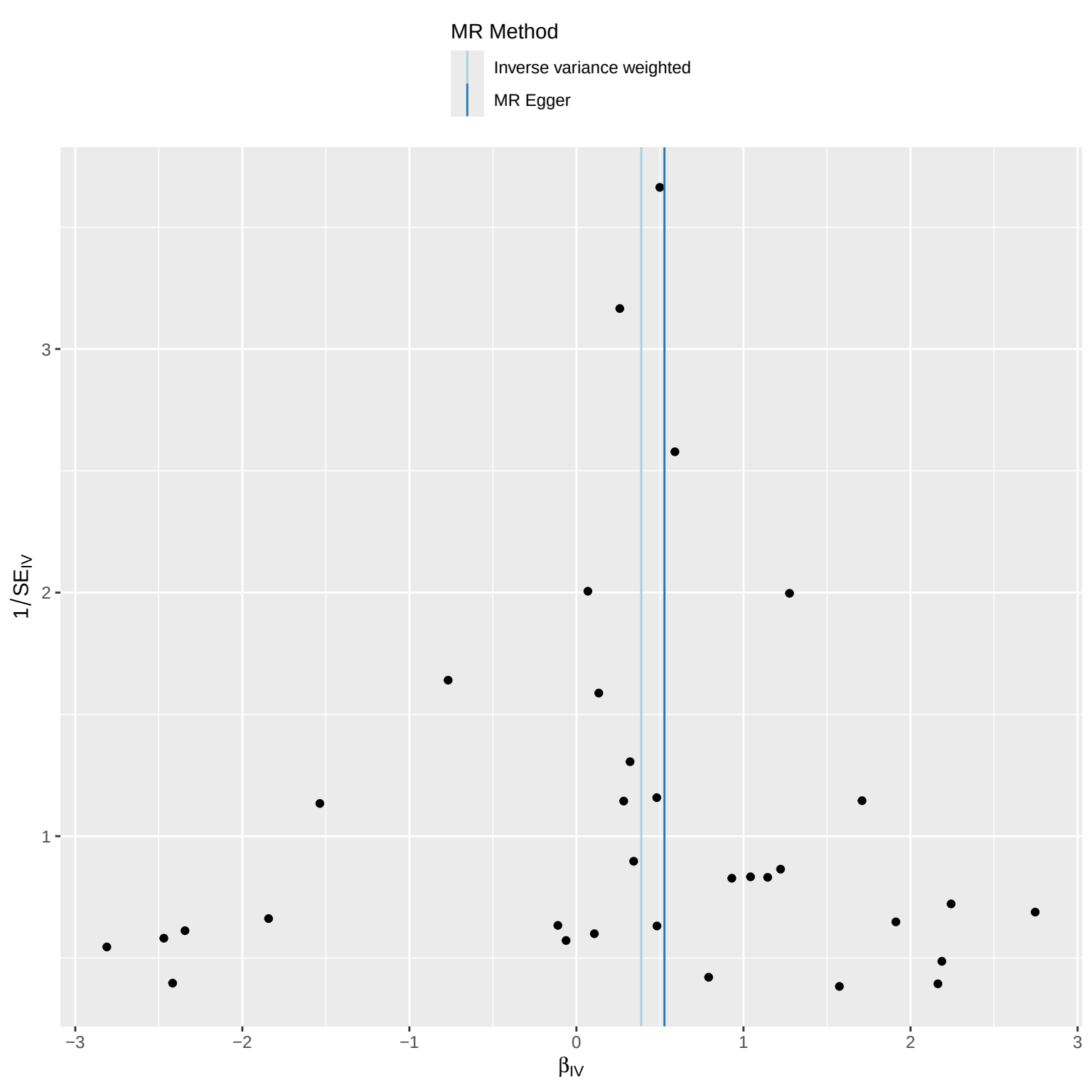

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

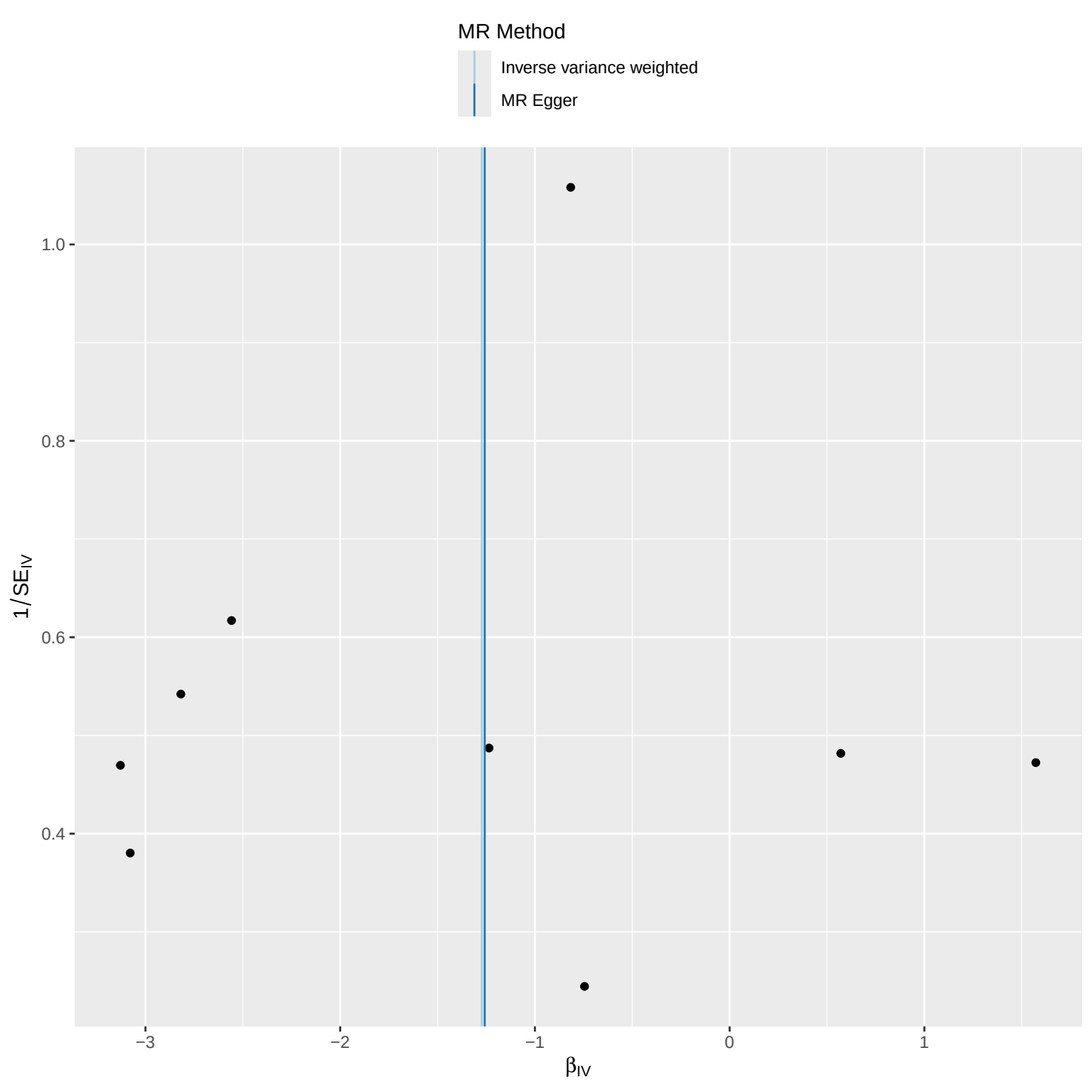

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

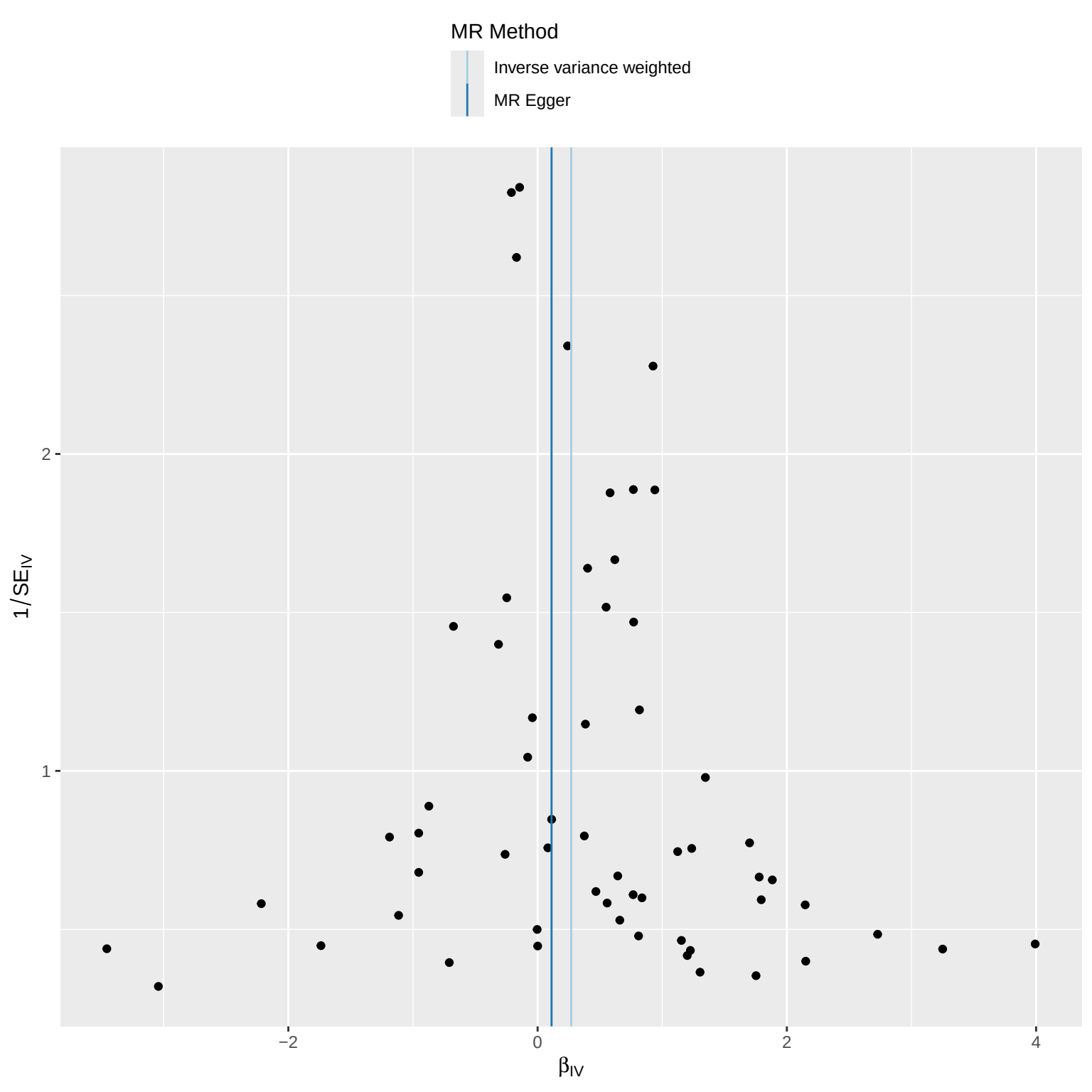

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
4
β_IV

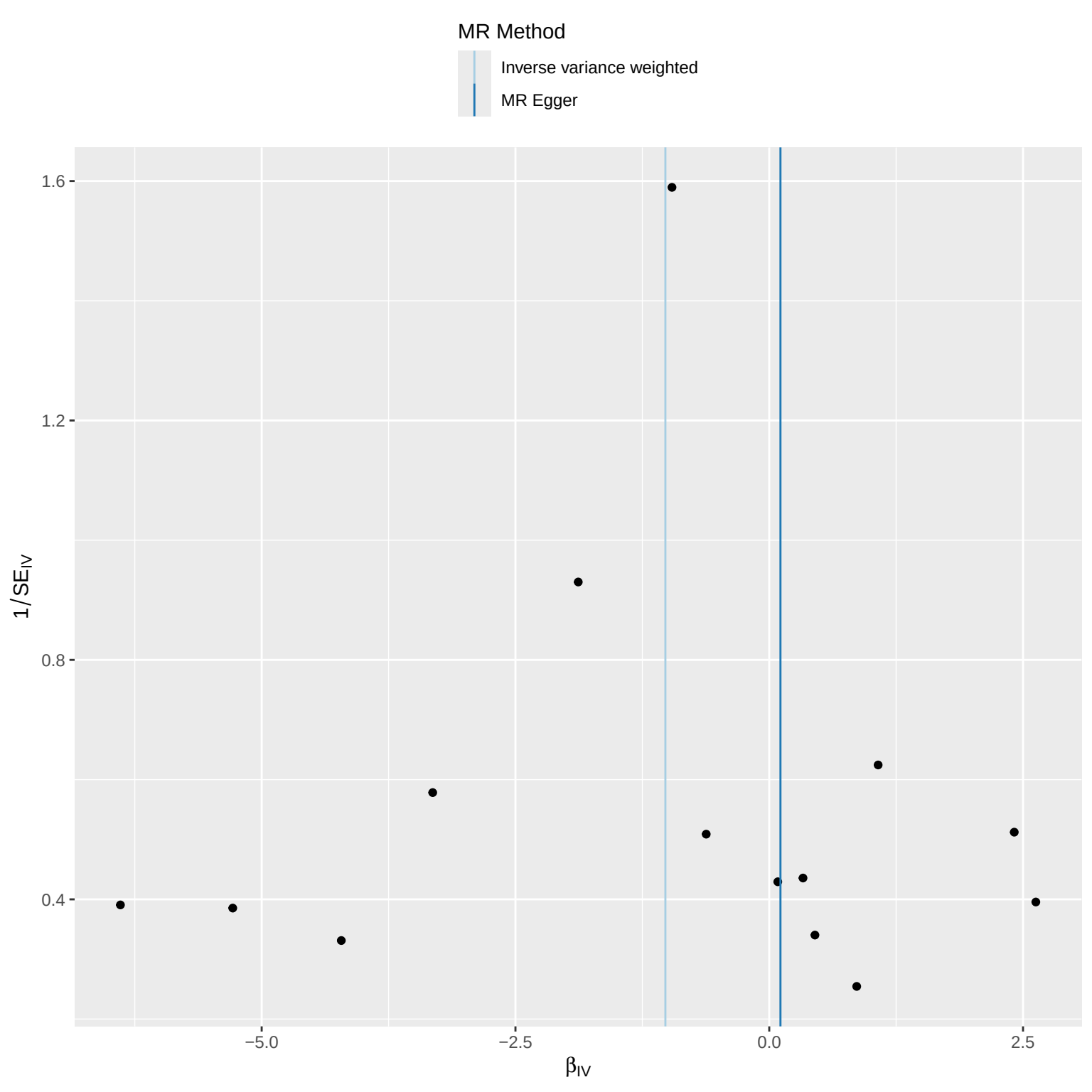

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

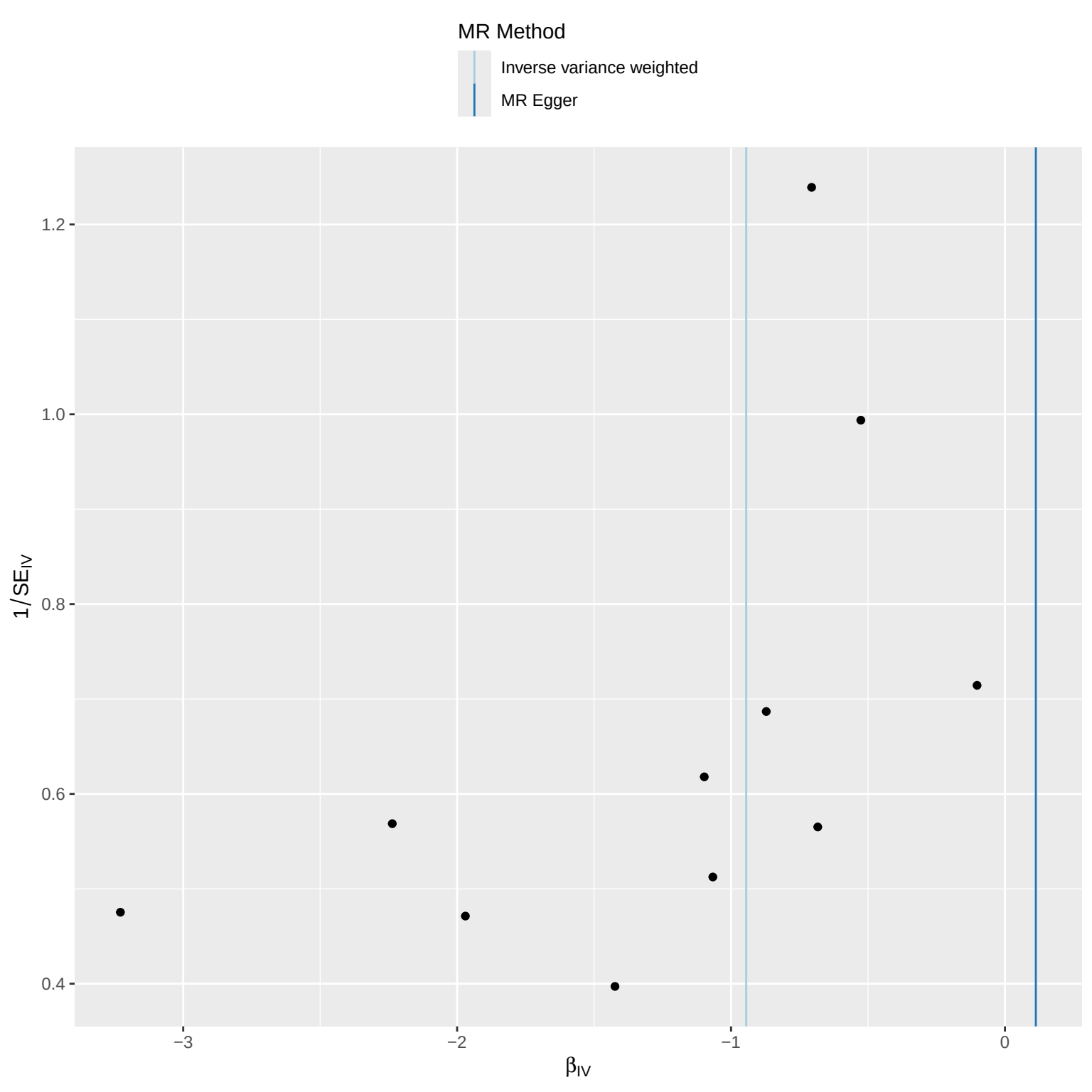

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

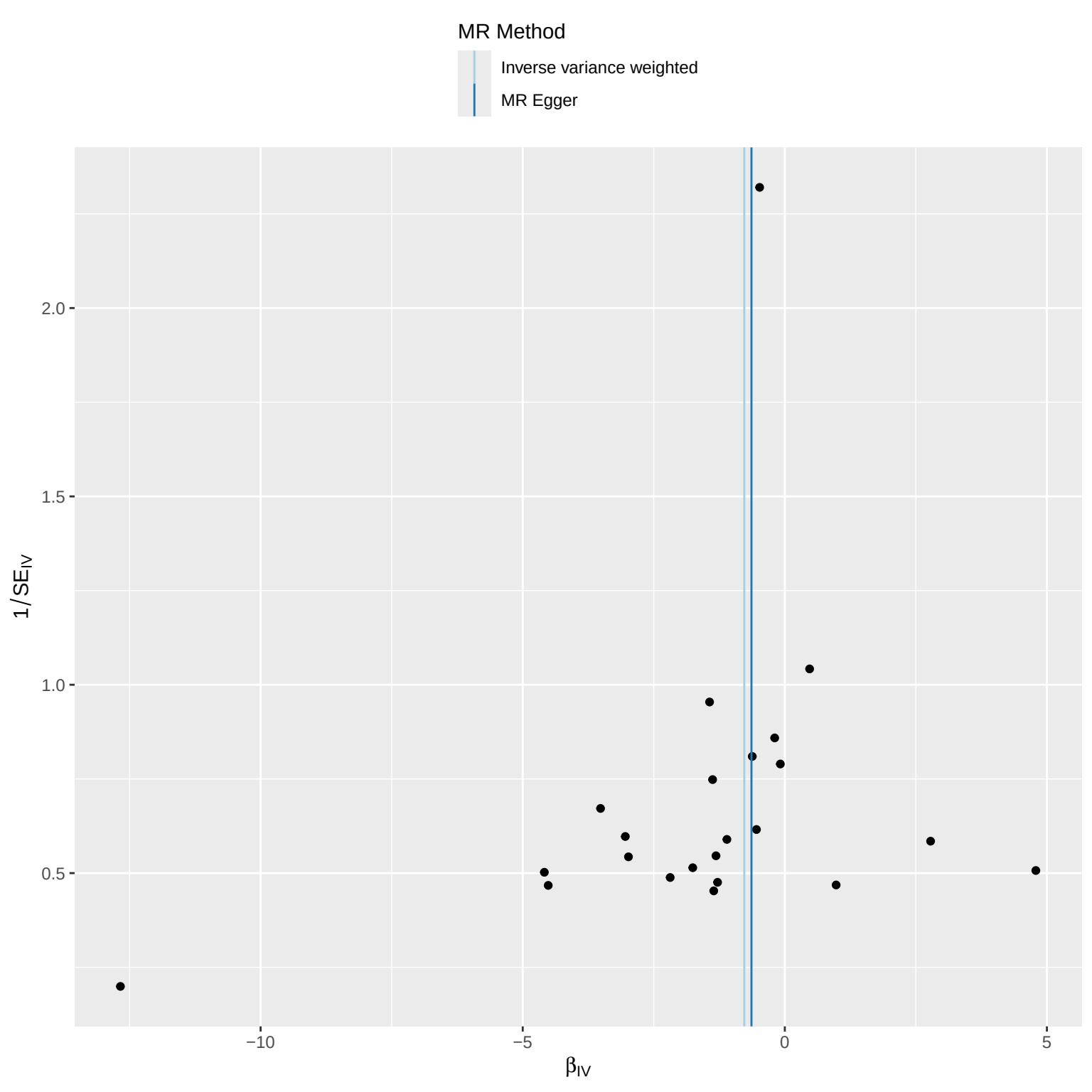

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−3
−2
−1
0
1
2
3
β_IV

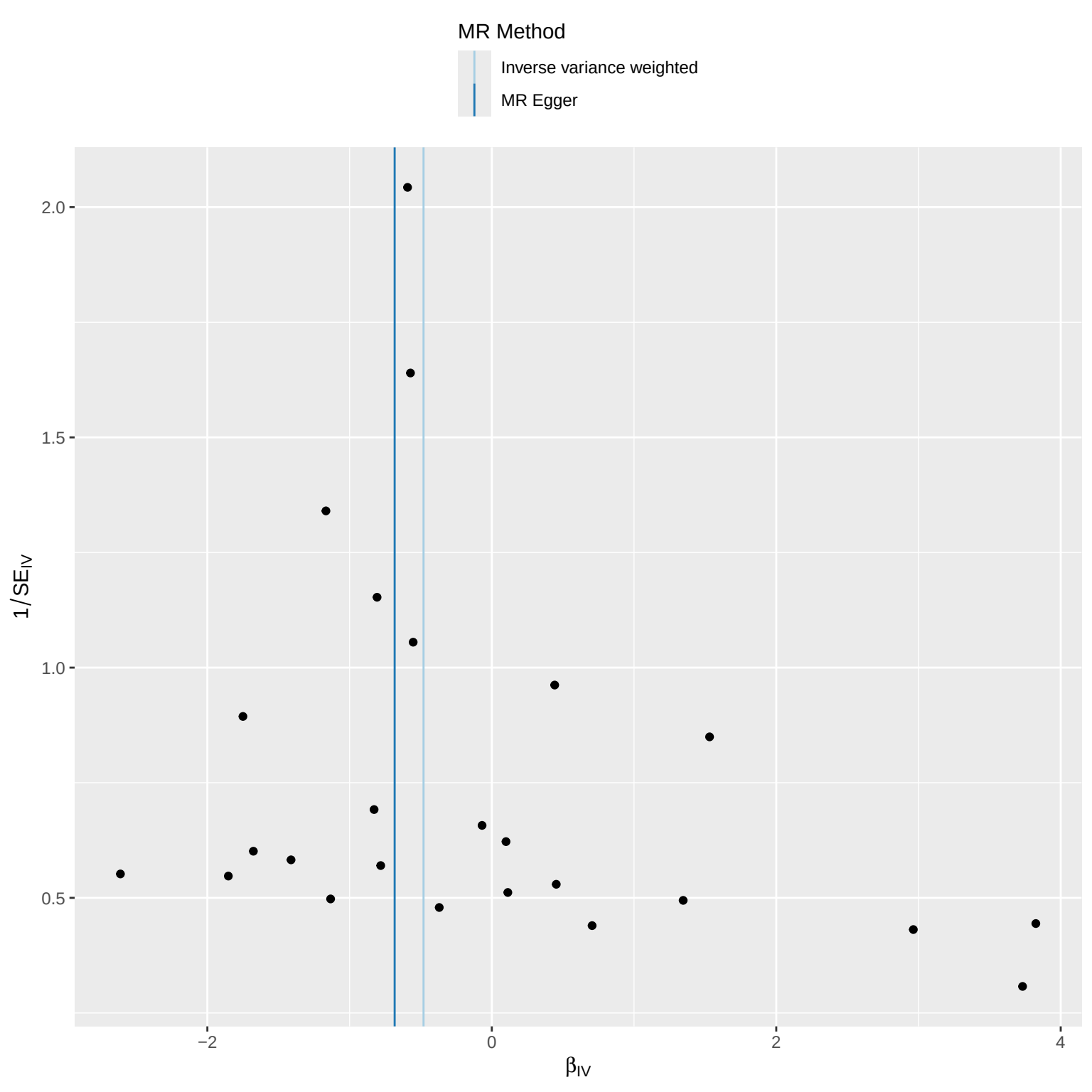

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

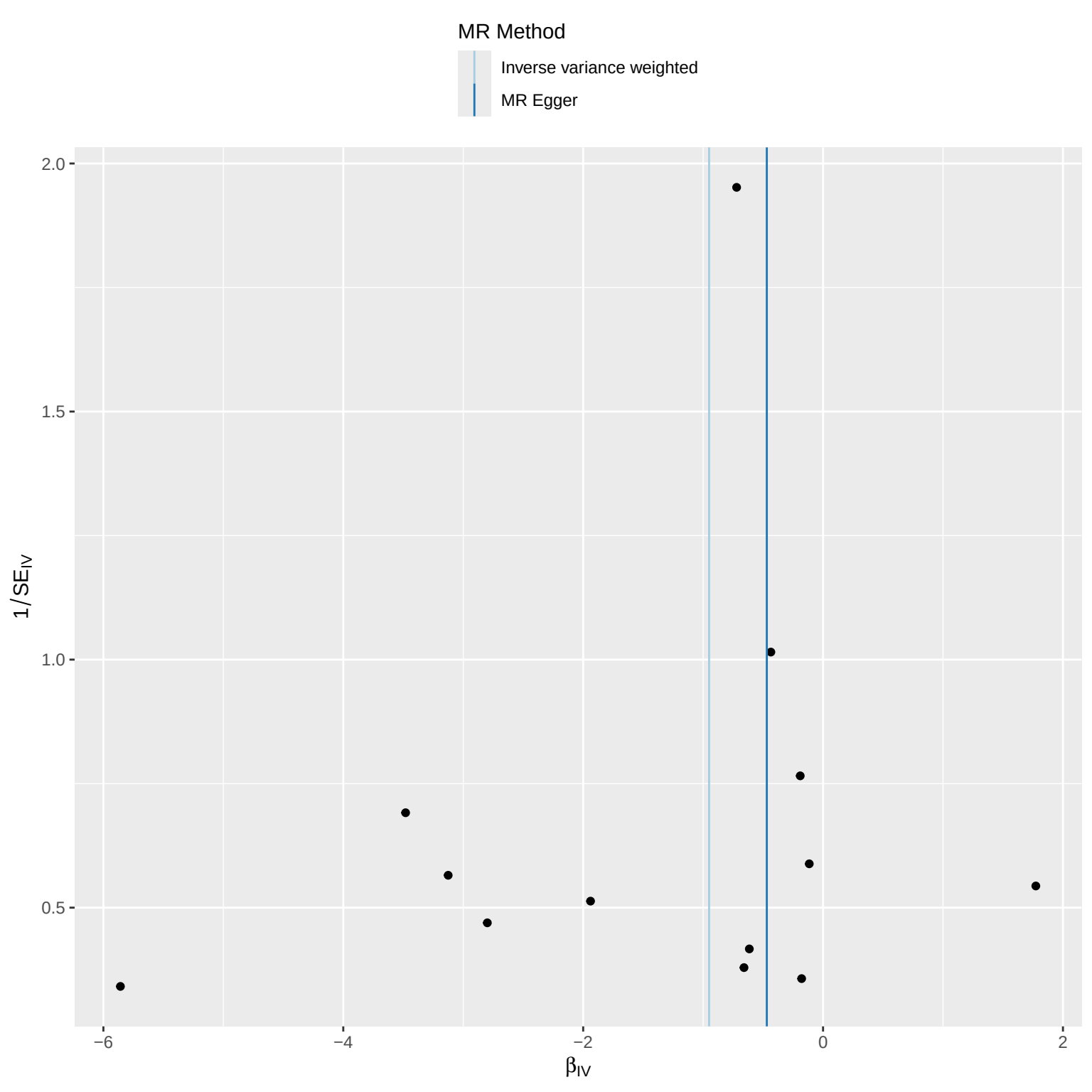

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

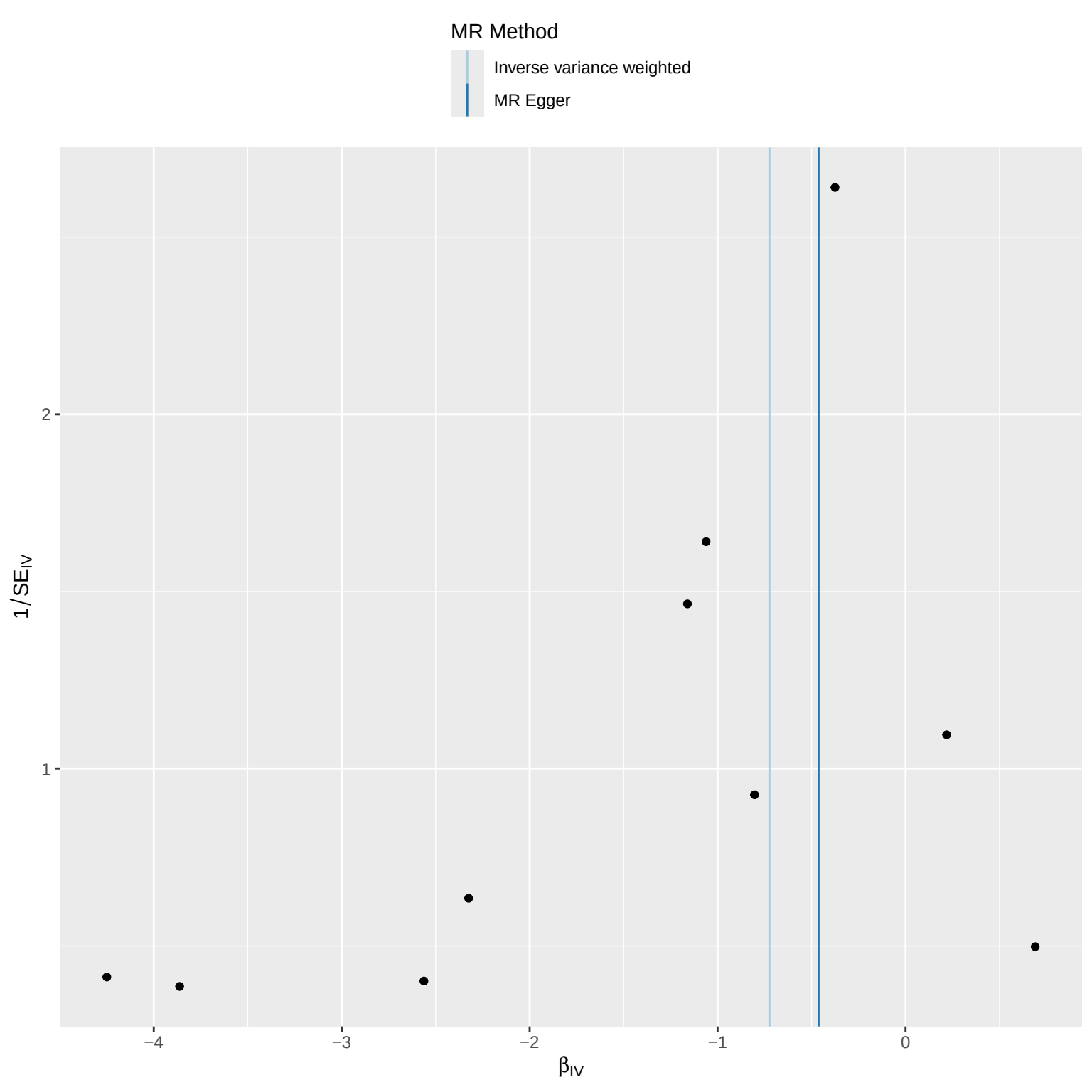

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

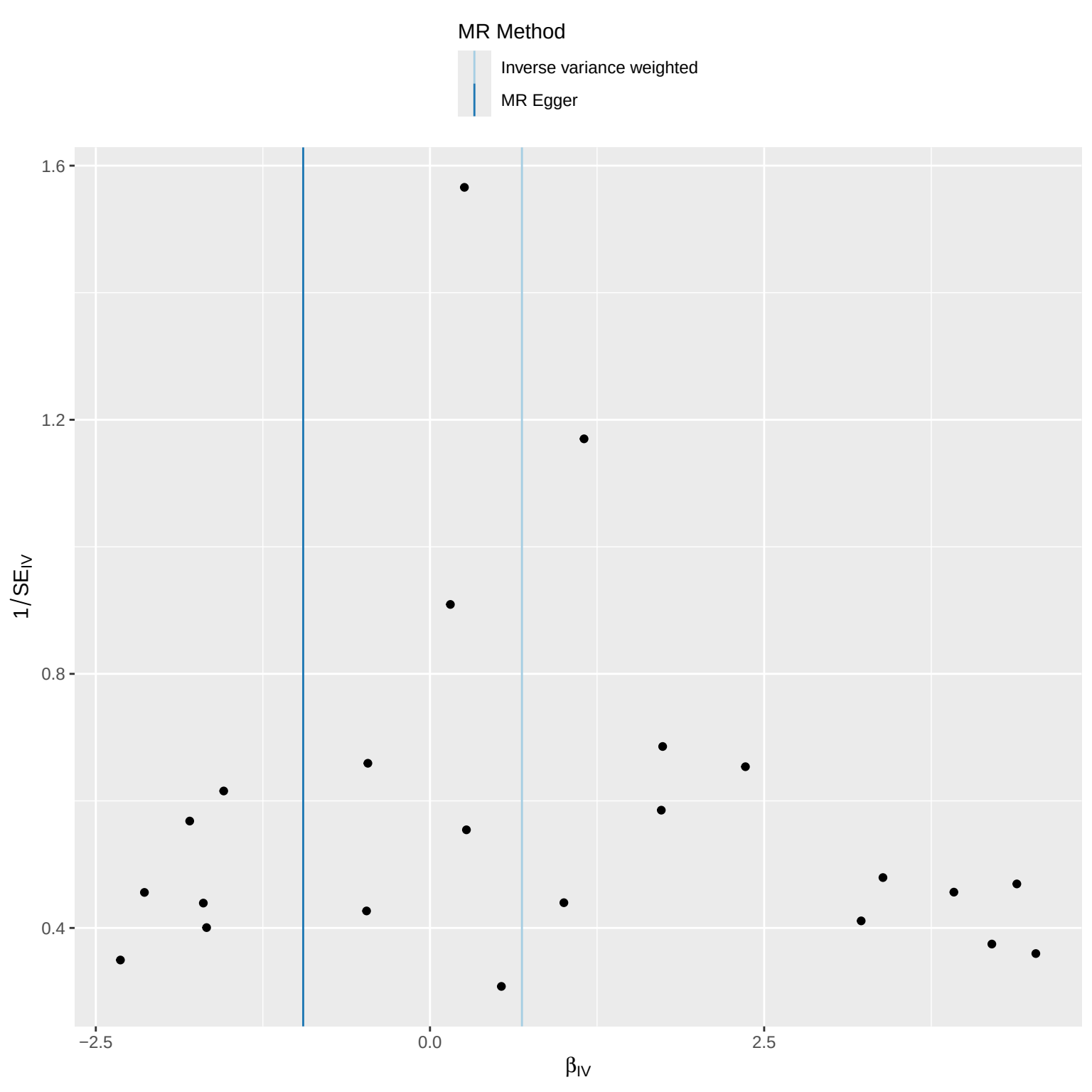

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
β_IV

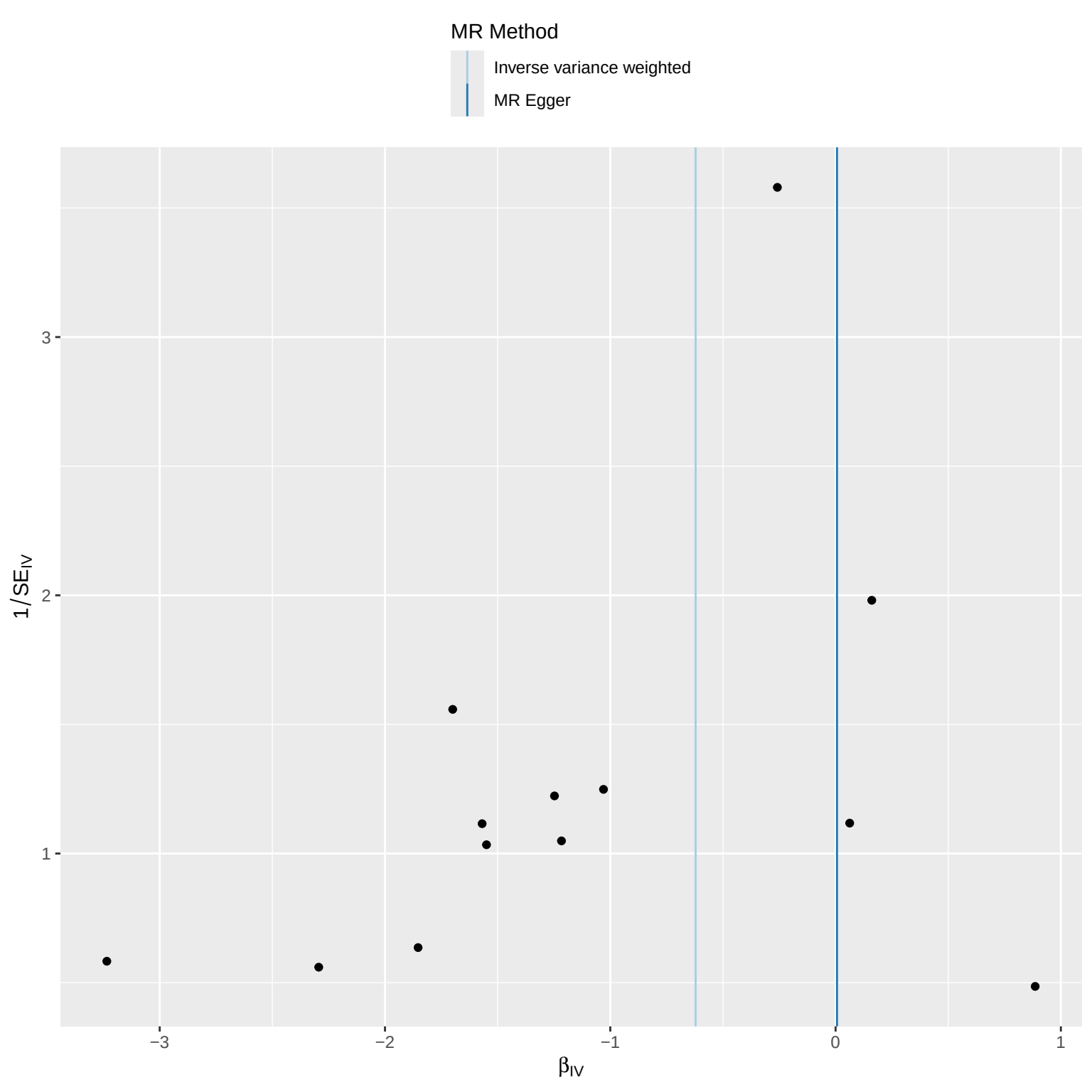

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−10
−5
0
5
β_IV

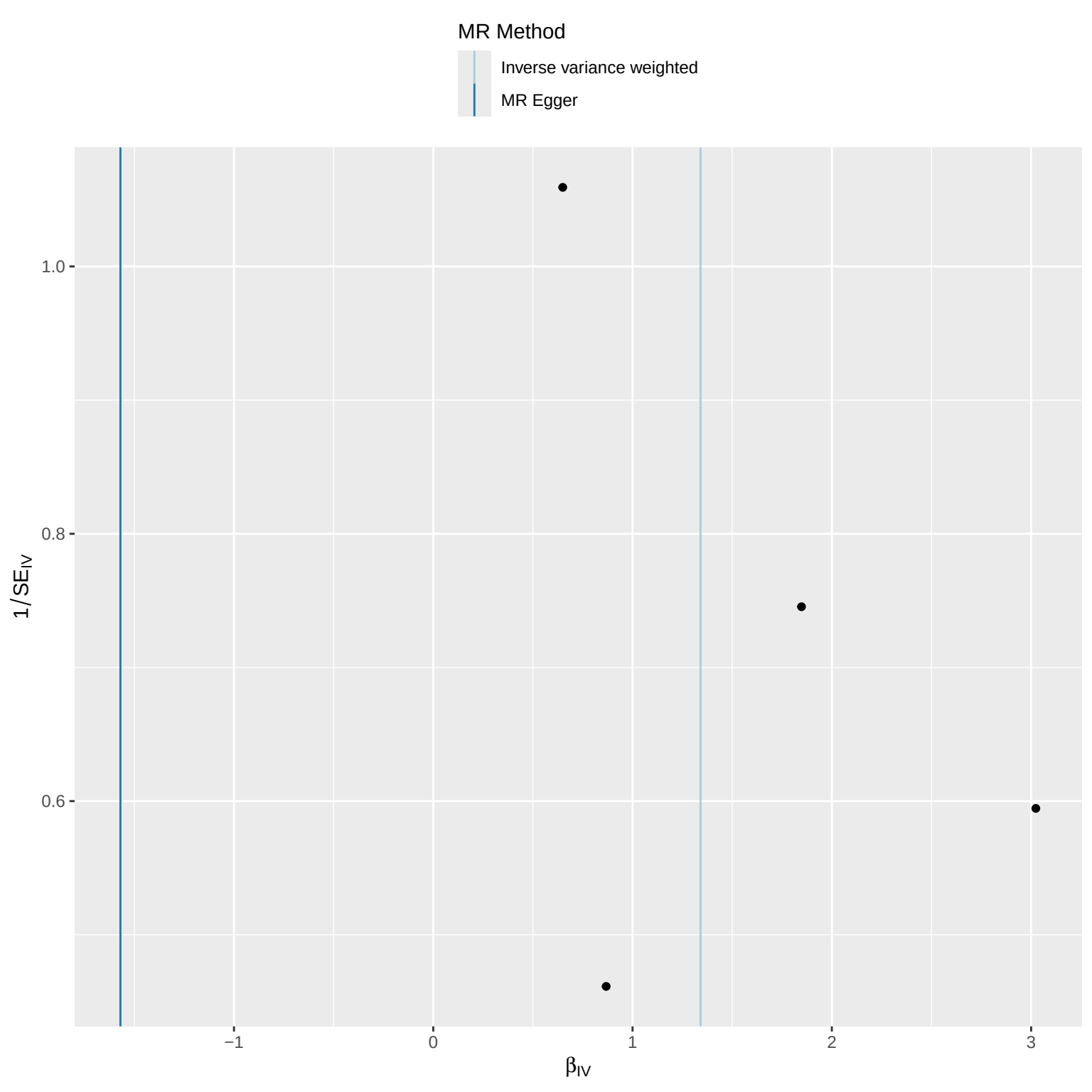

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

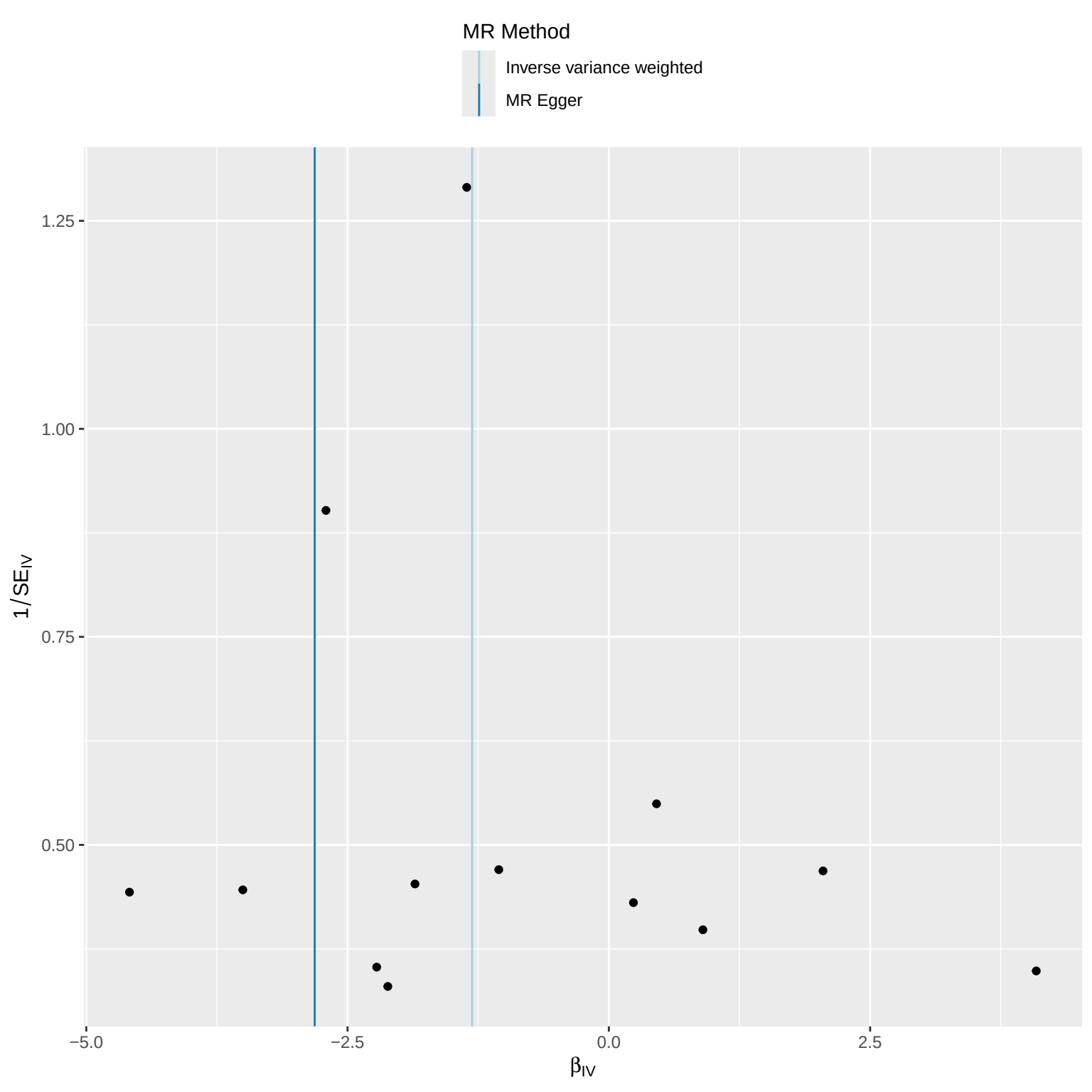

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

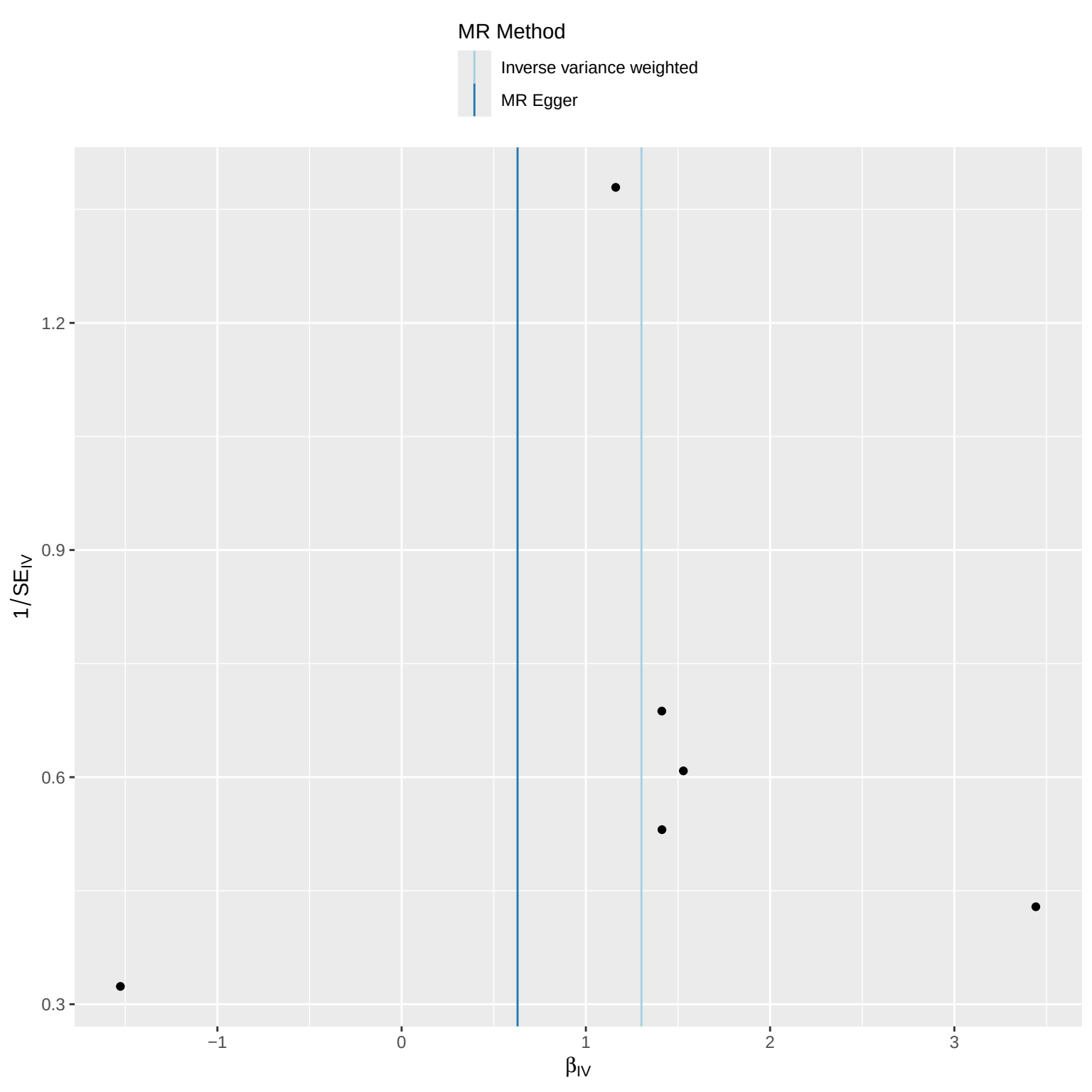

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−3
−2
−1
0
β_IV

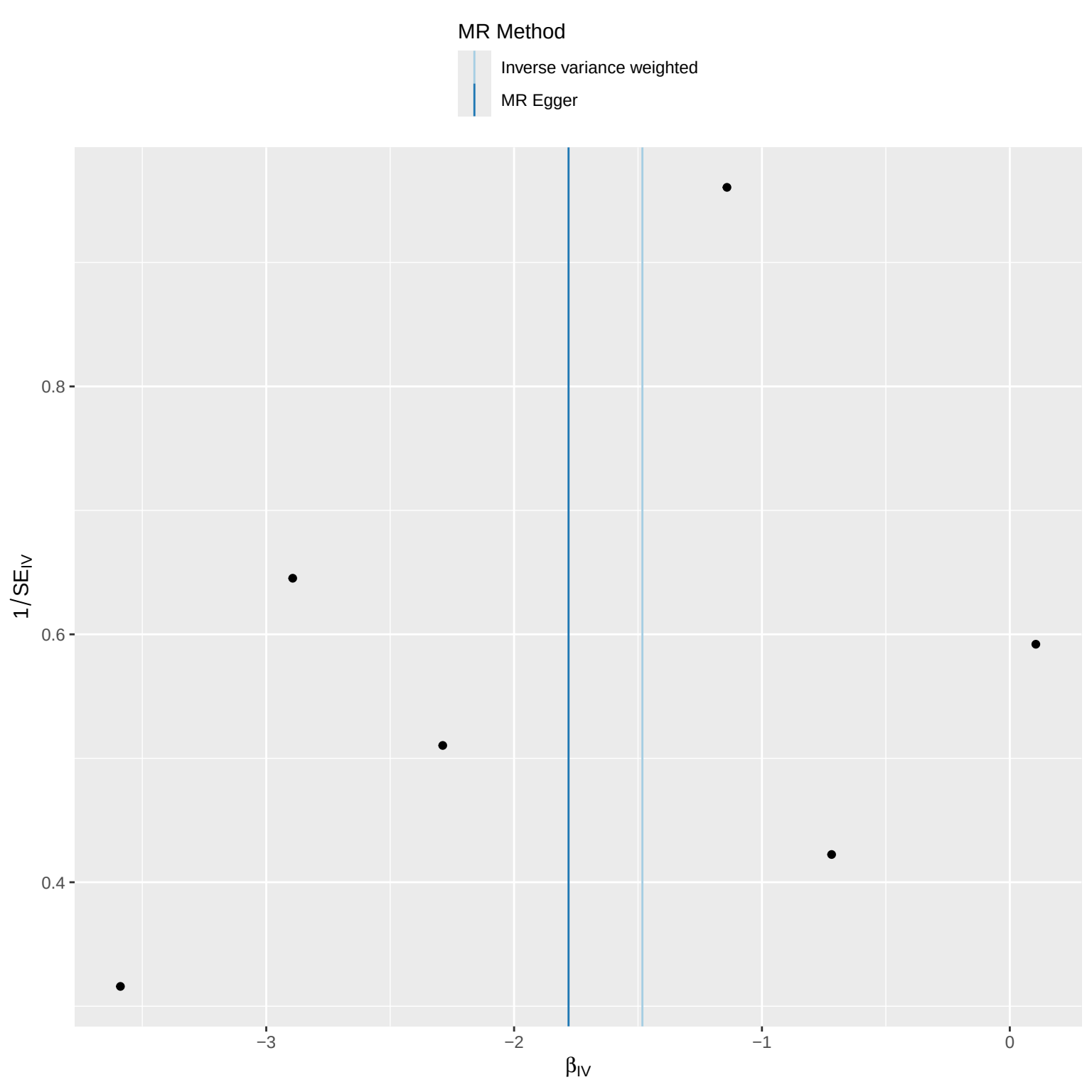

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2.5
0.0
2.5
β_IV

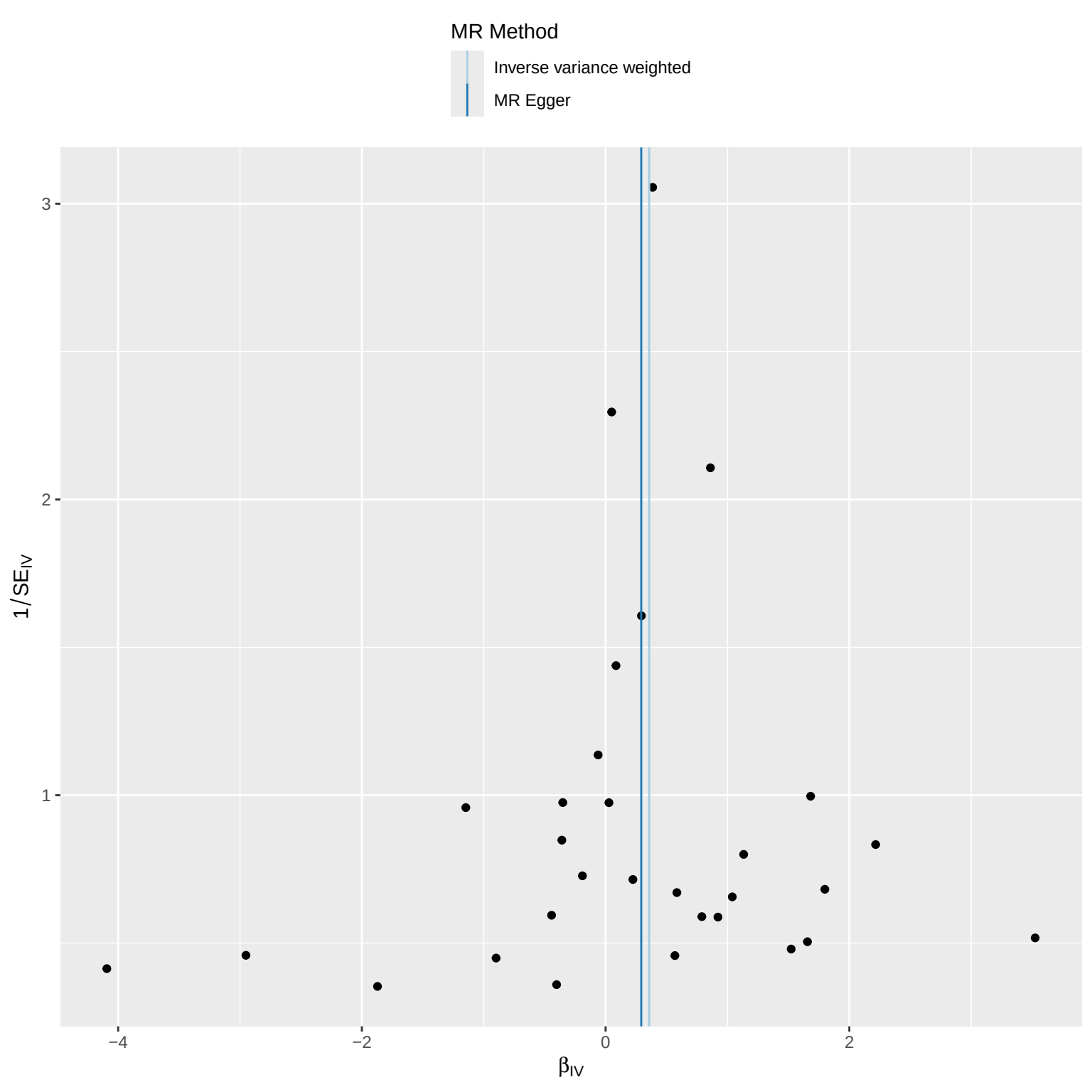

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

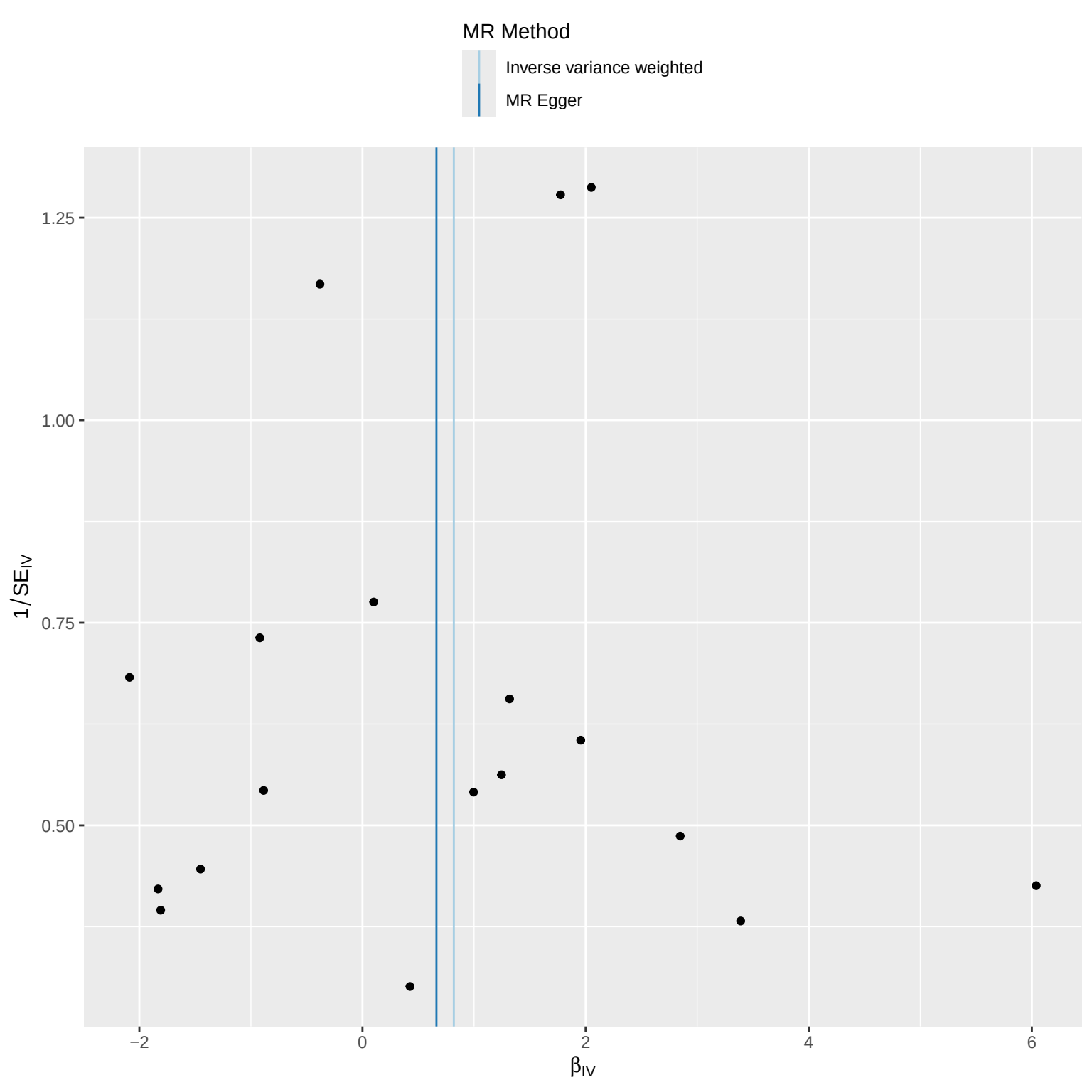

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−1
0
1
2
3
β_IV

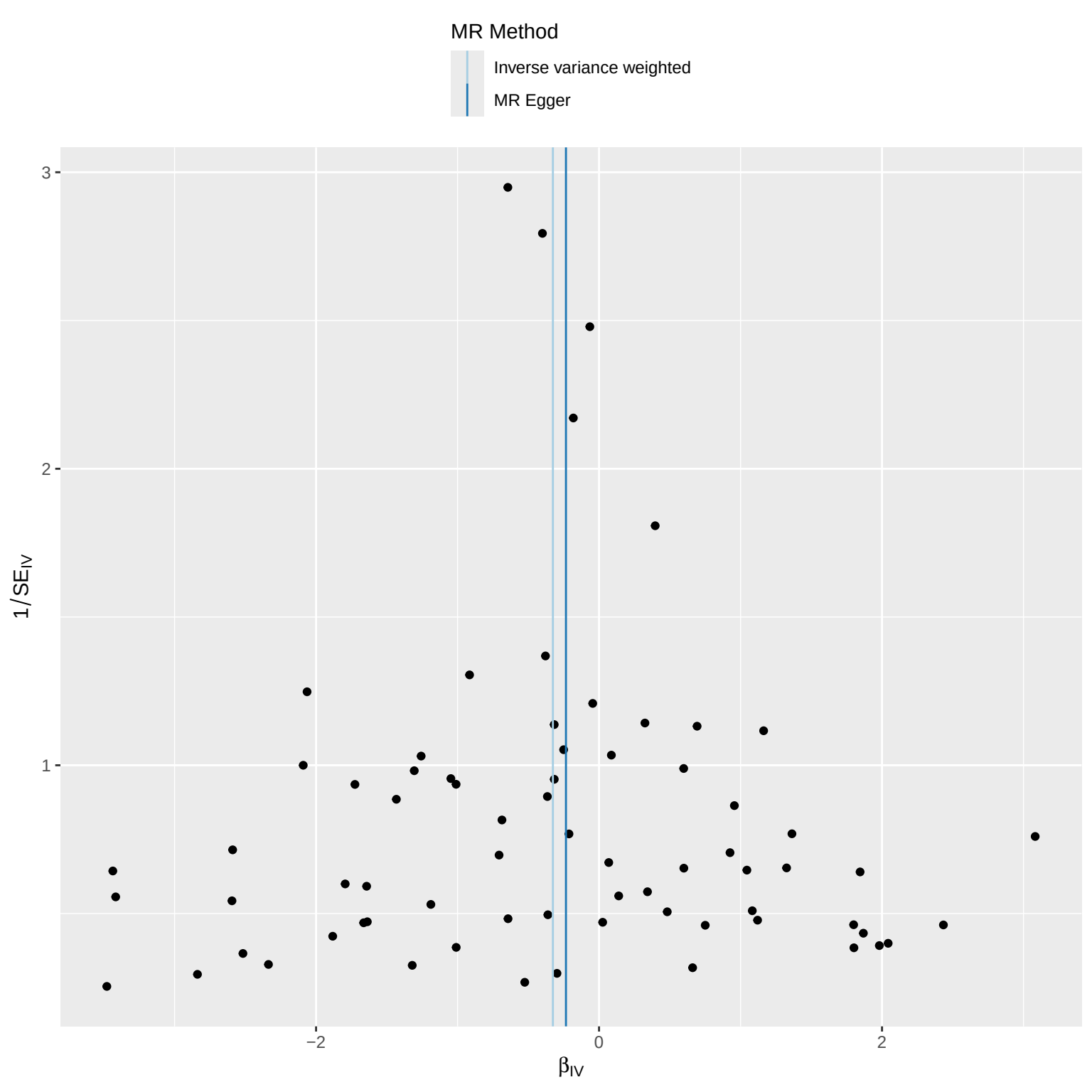

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

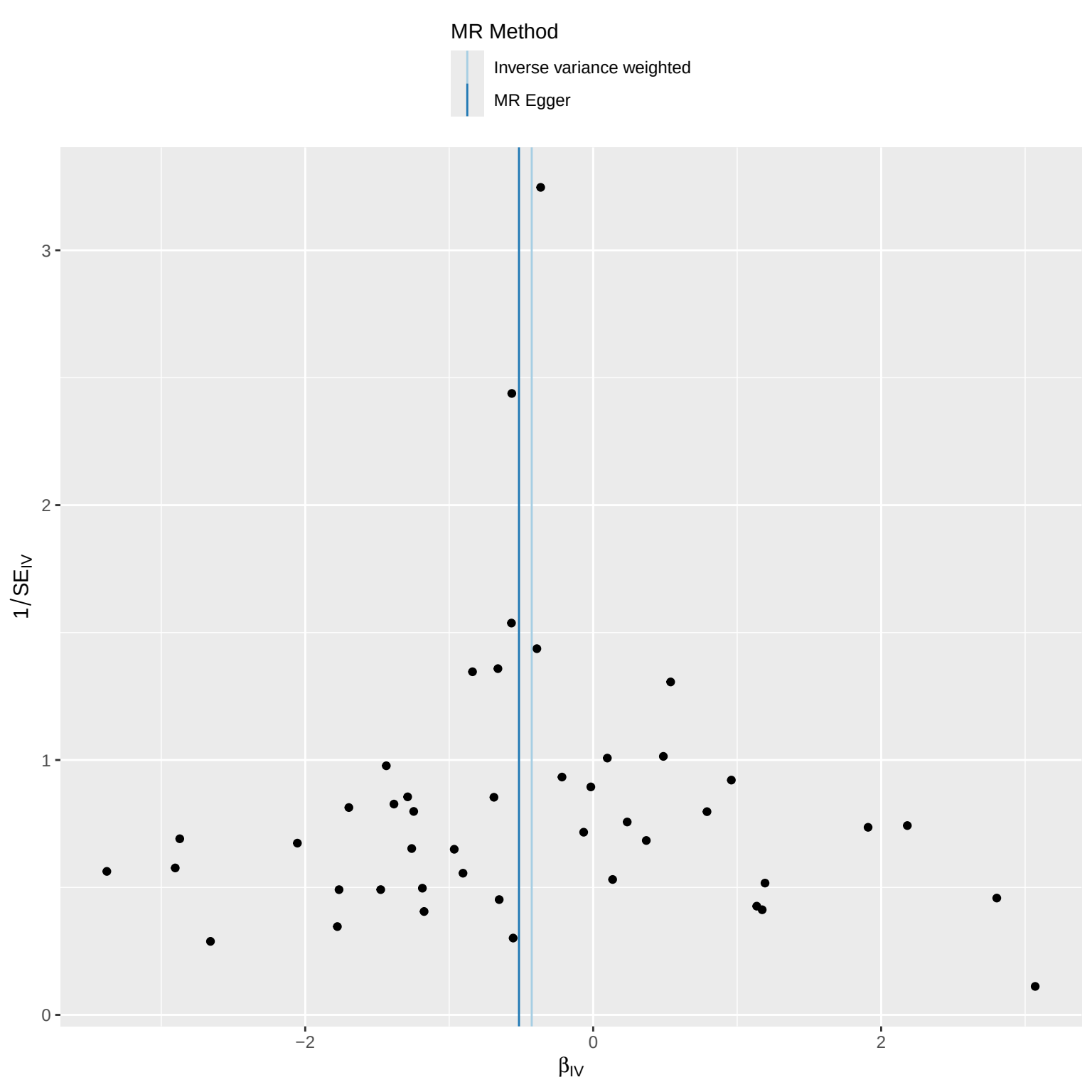

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−1
0
1
2
3
β_IV

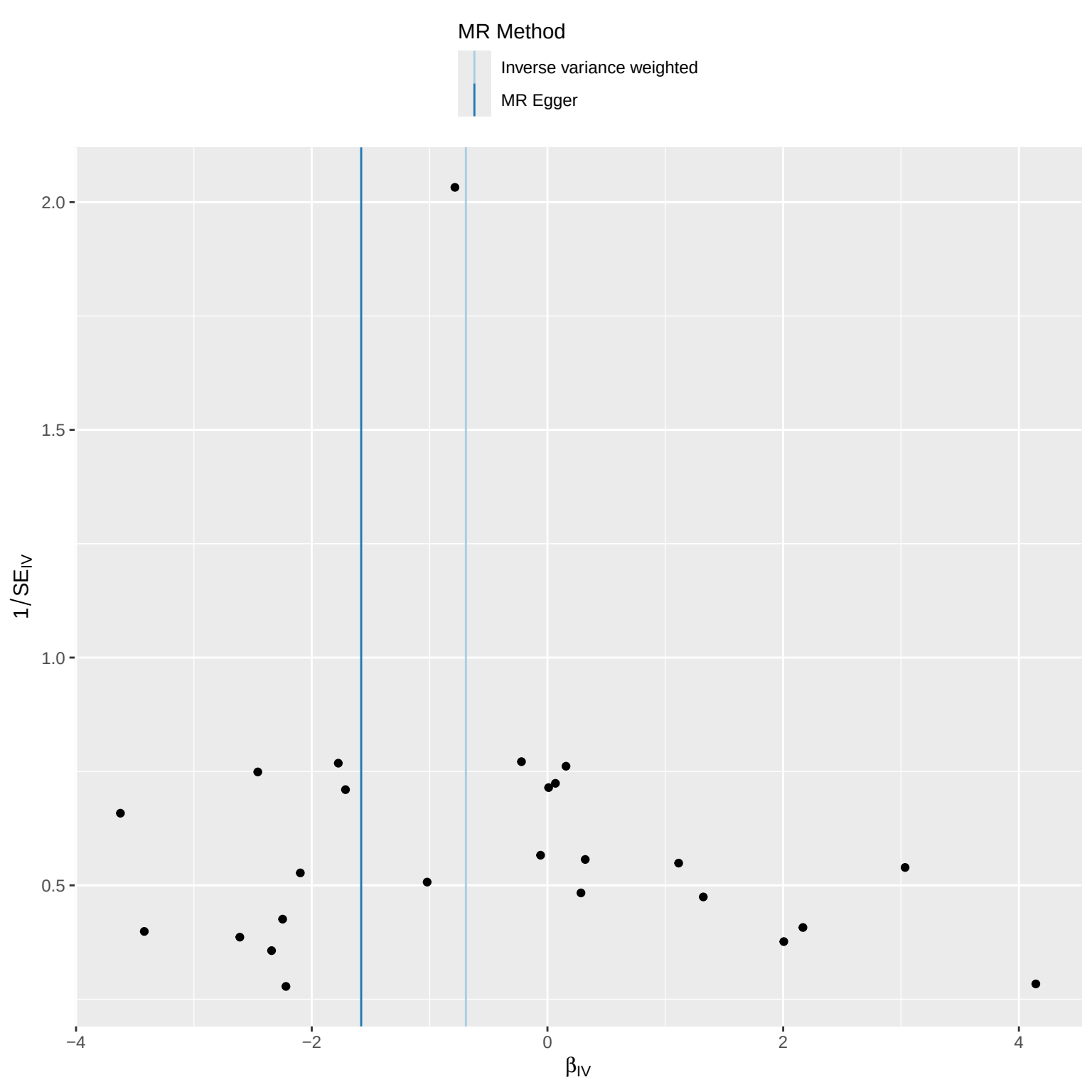

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
β_IV

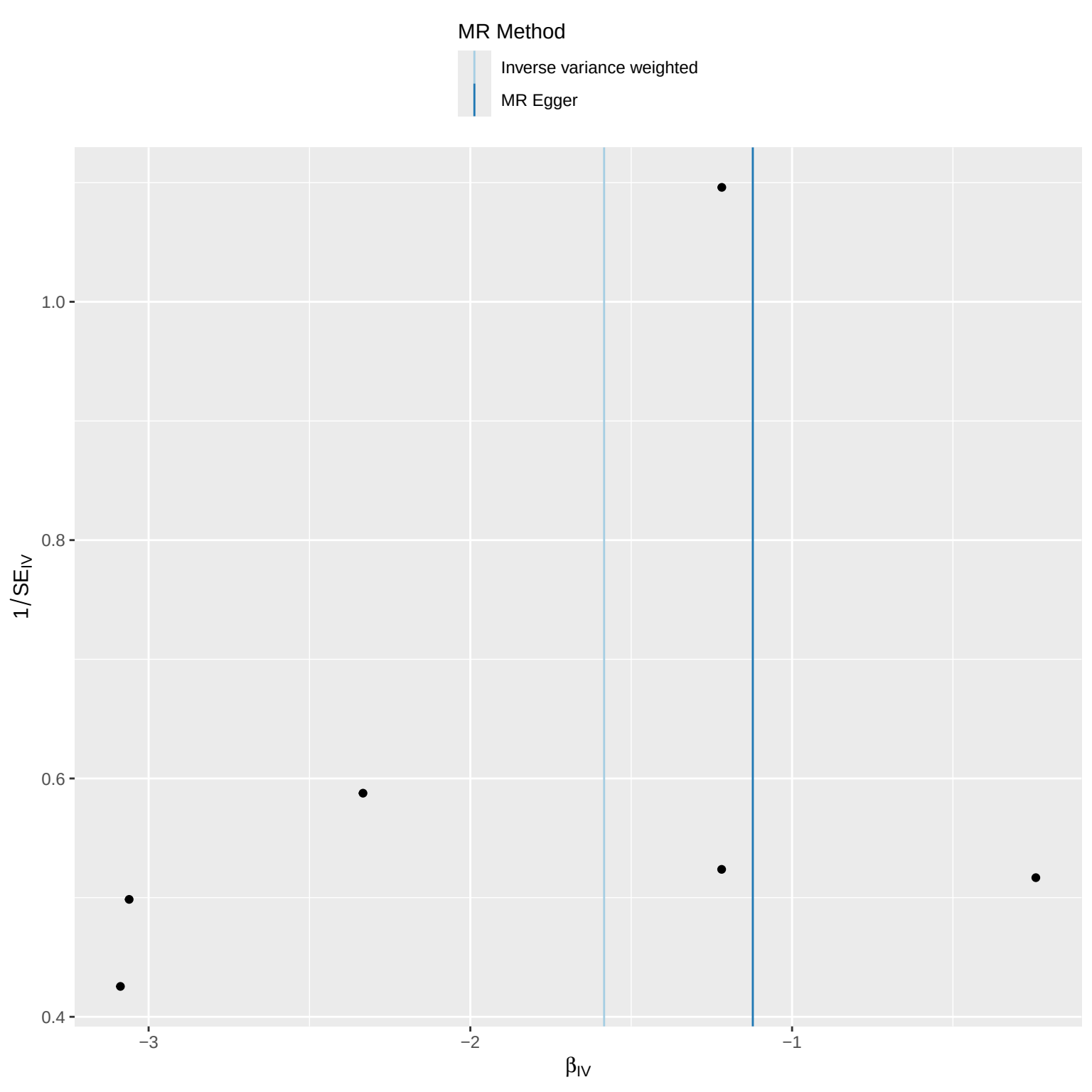

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

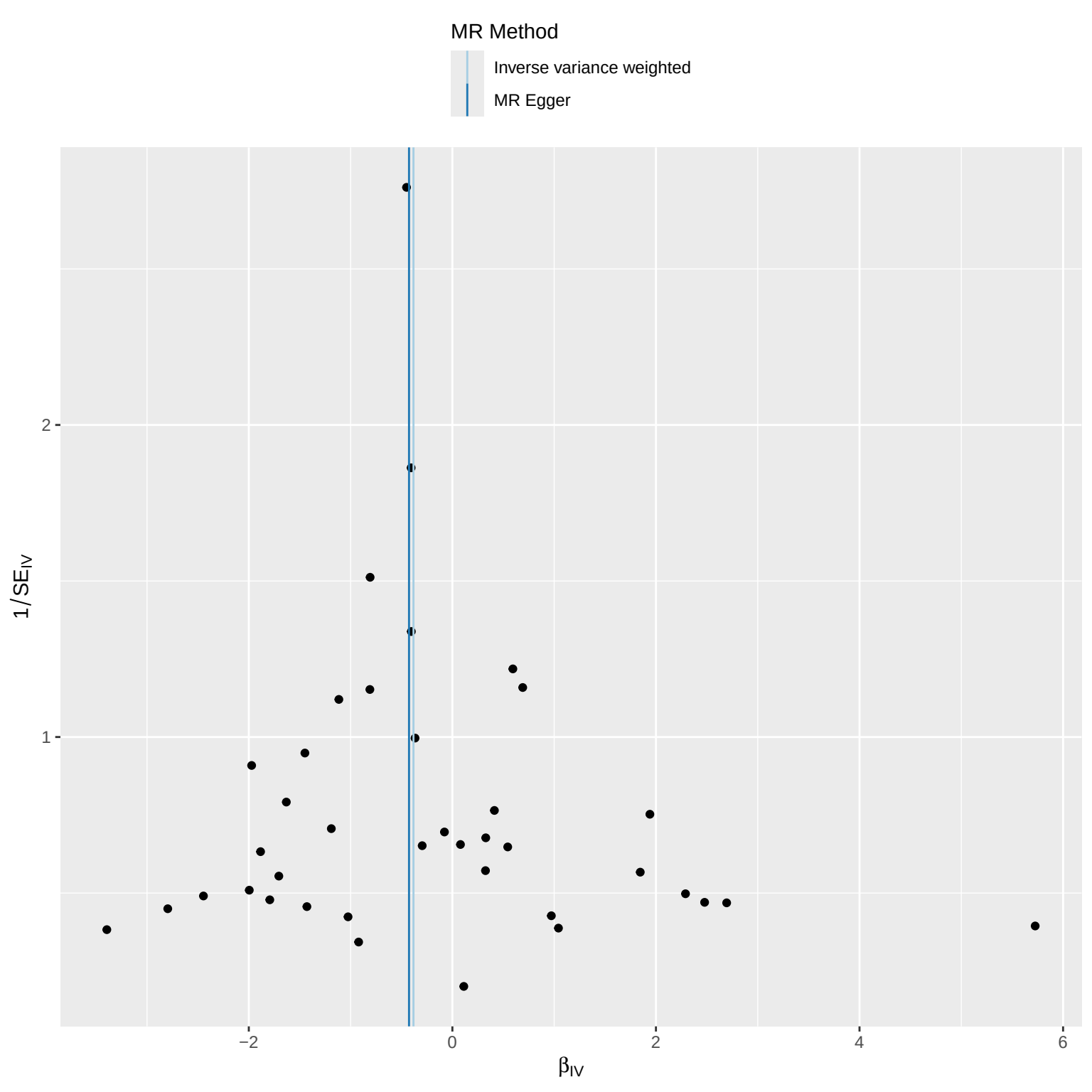

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
0
2
4
6
β_IV

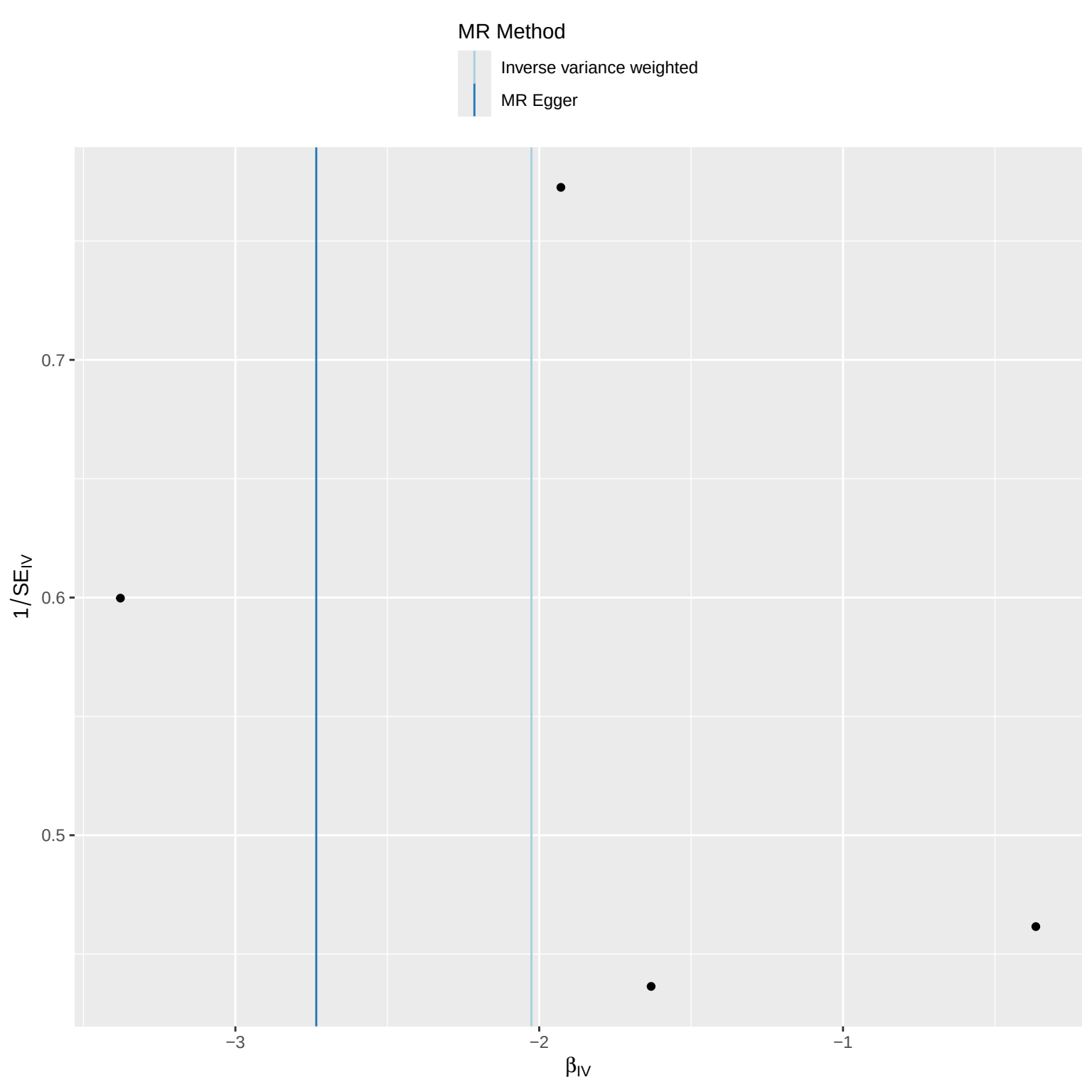

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

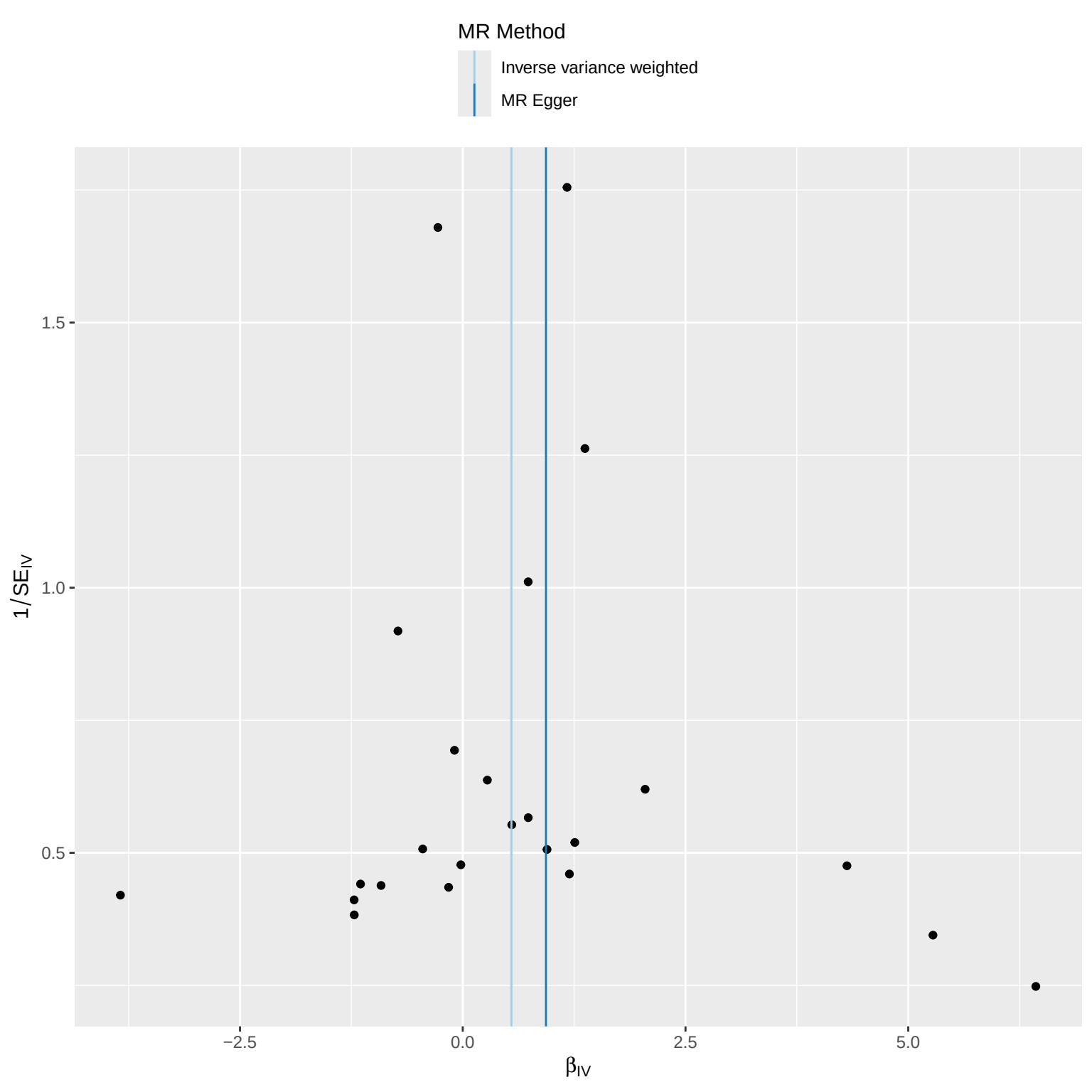

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−2
0
2
β_IV

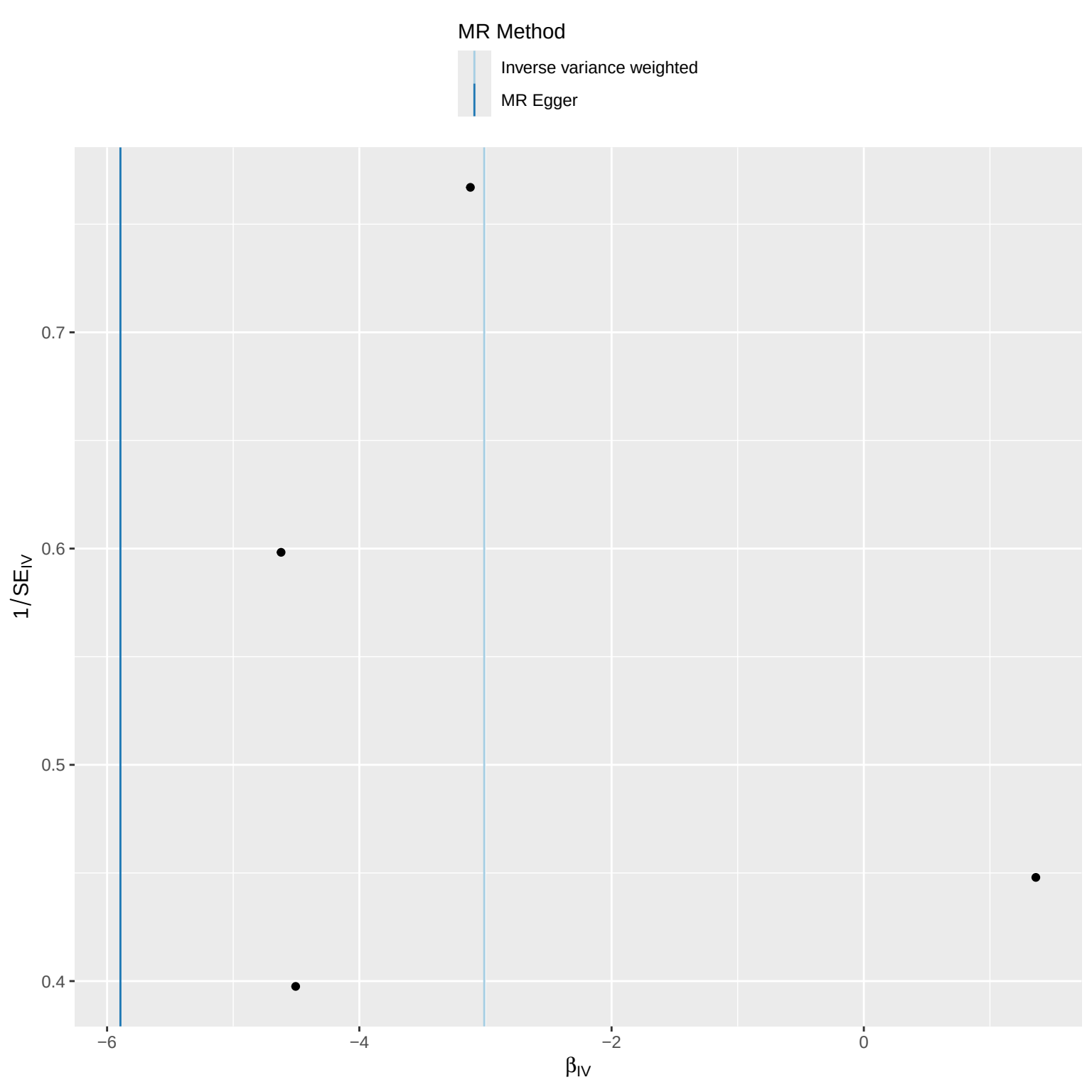

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

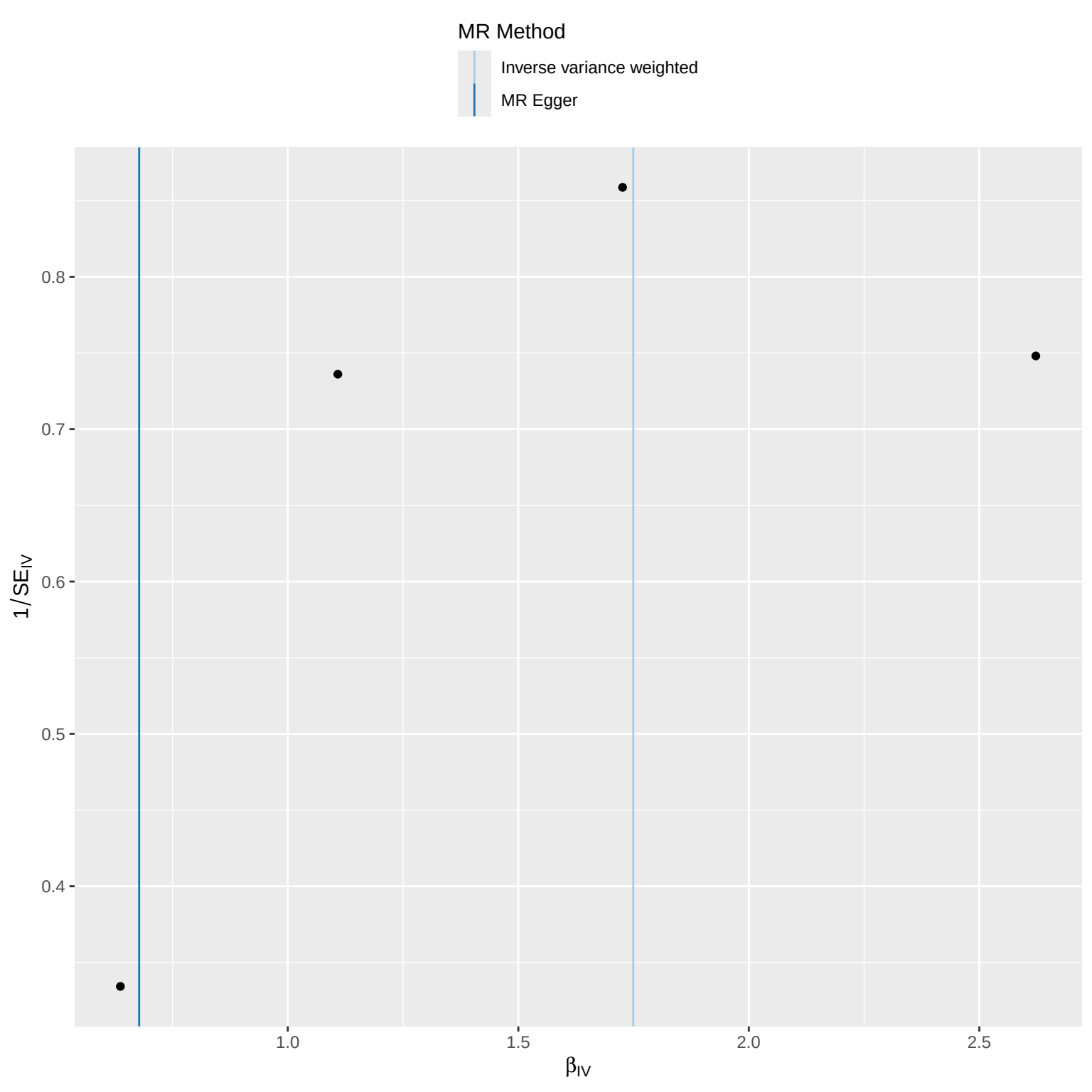

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
β_IV

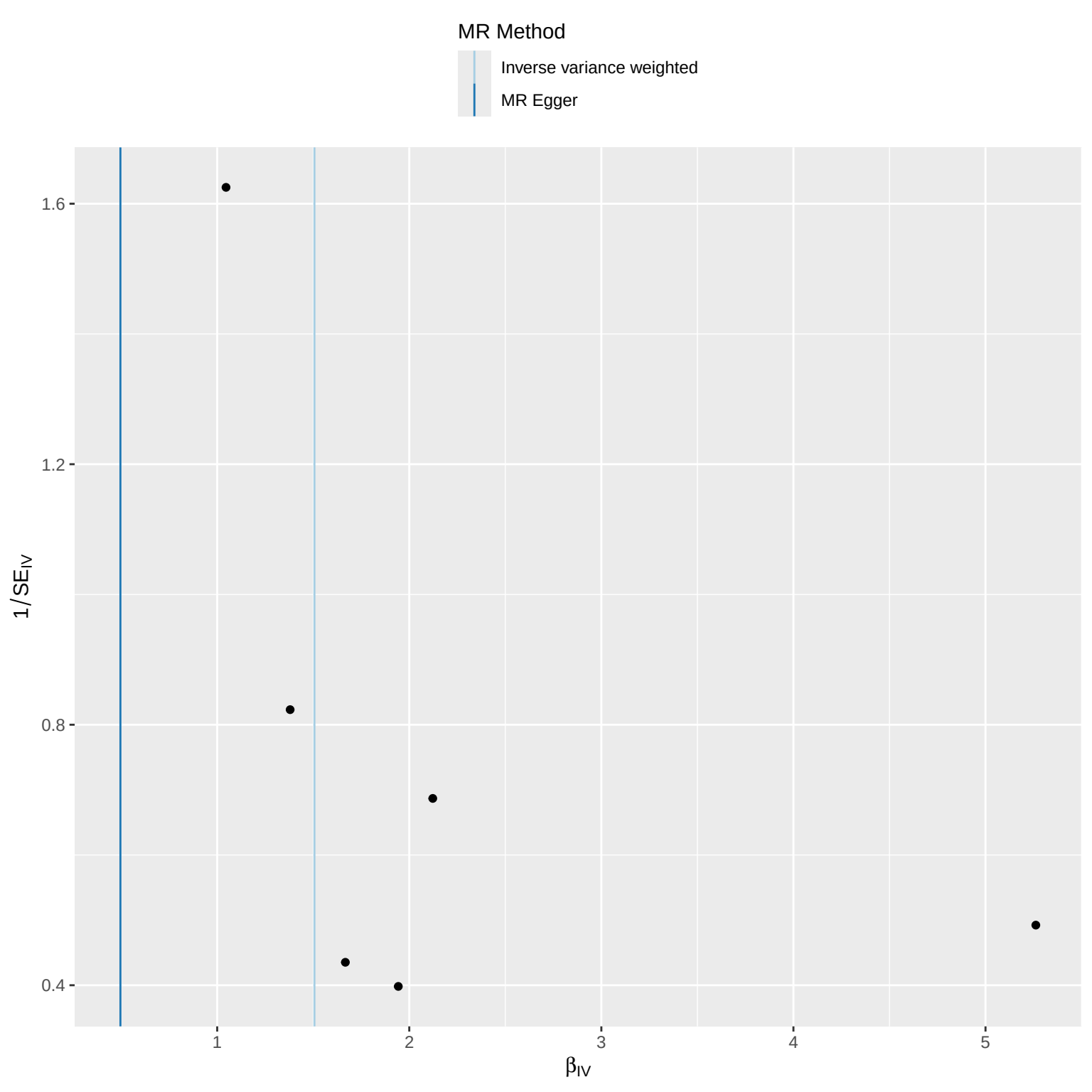

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
6
β_IV

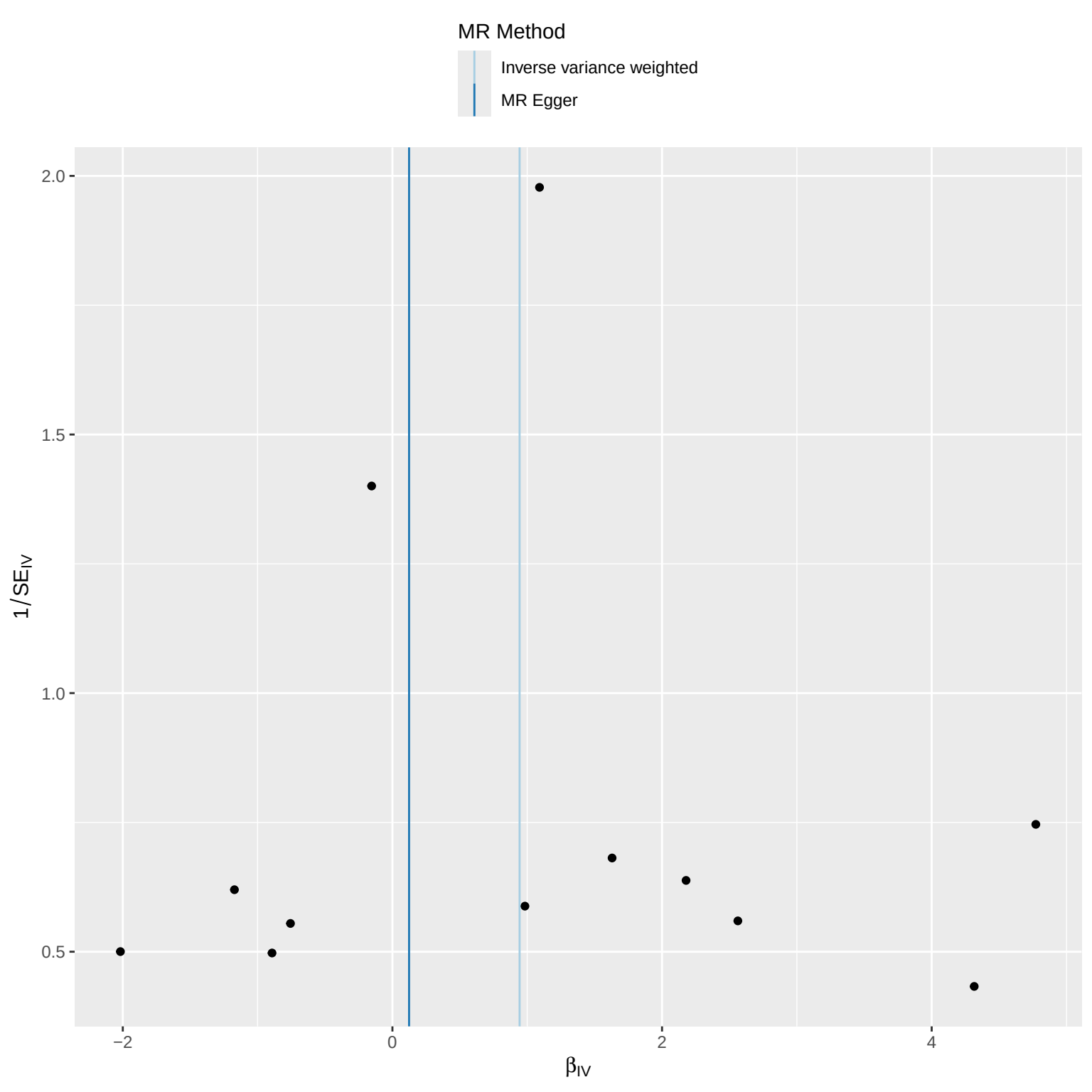

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
1/SE_IV
−3
−2
−1
β_IV

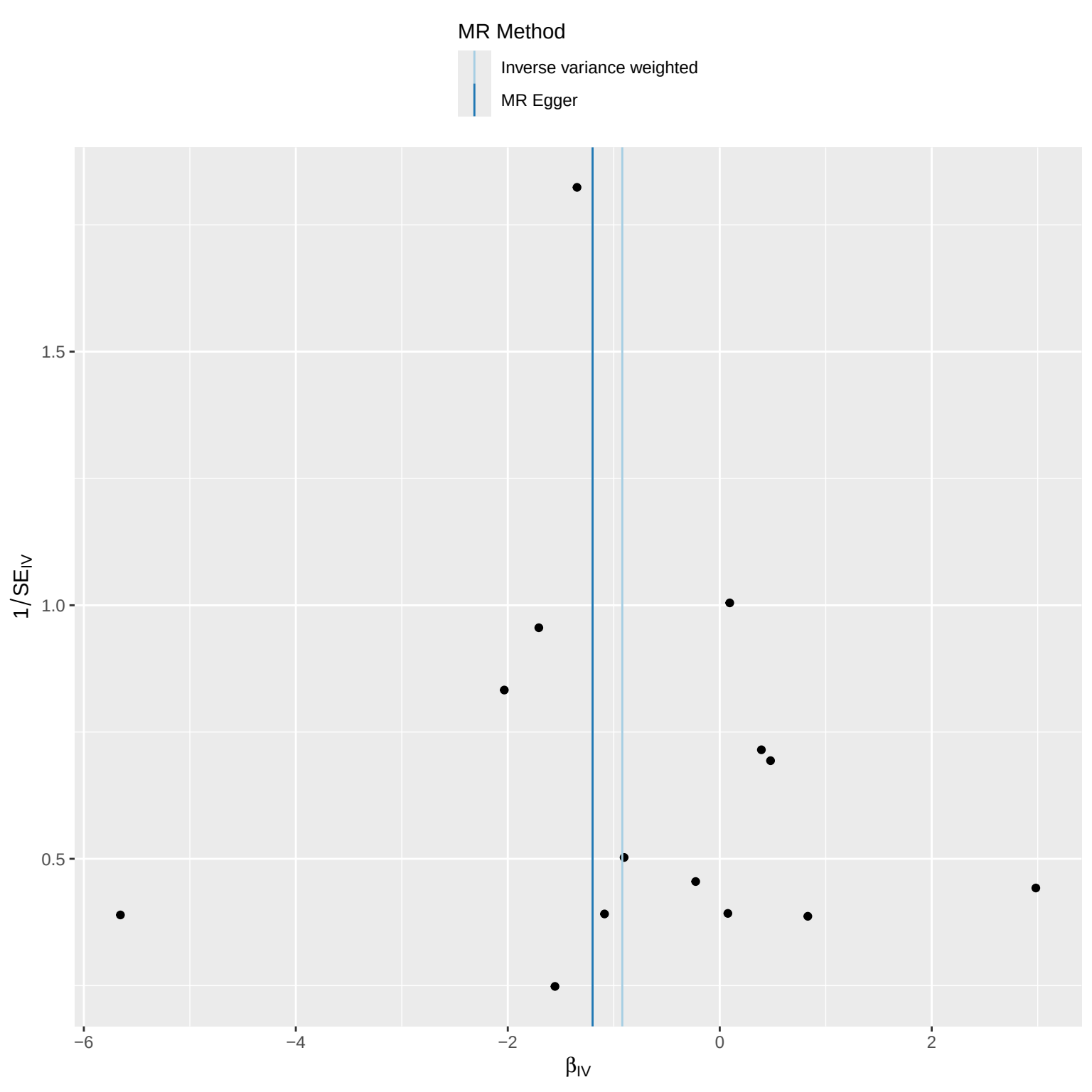

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

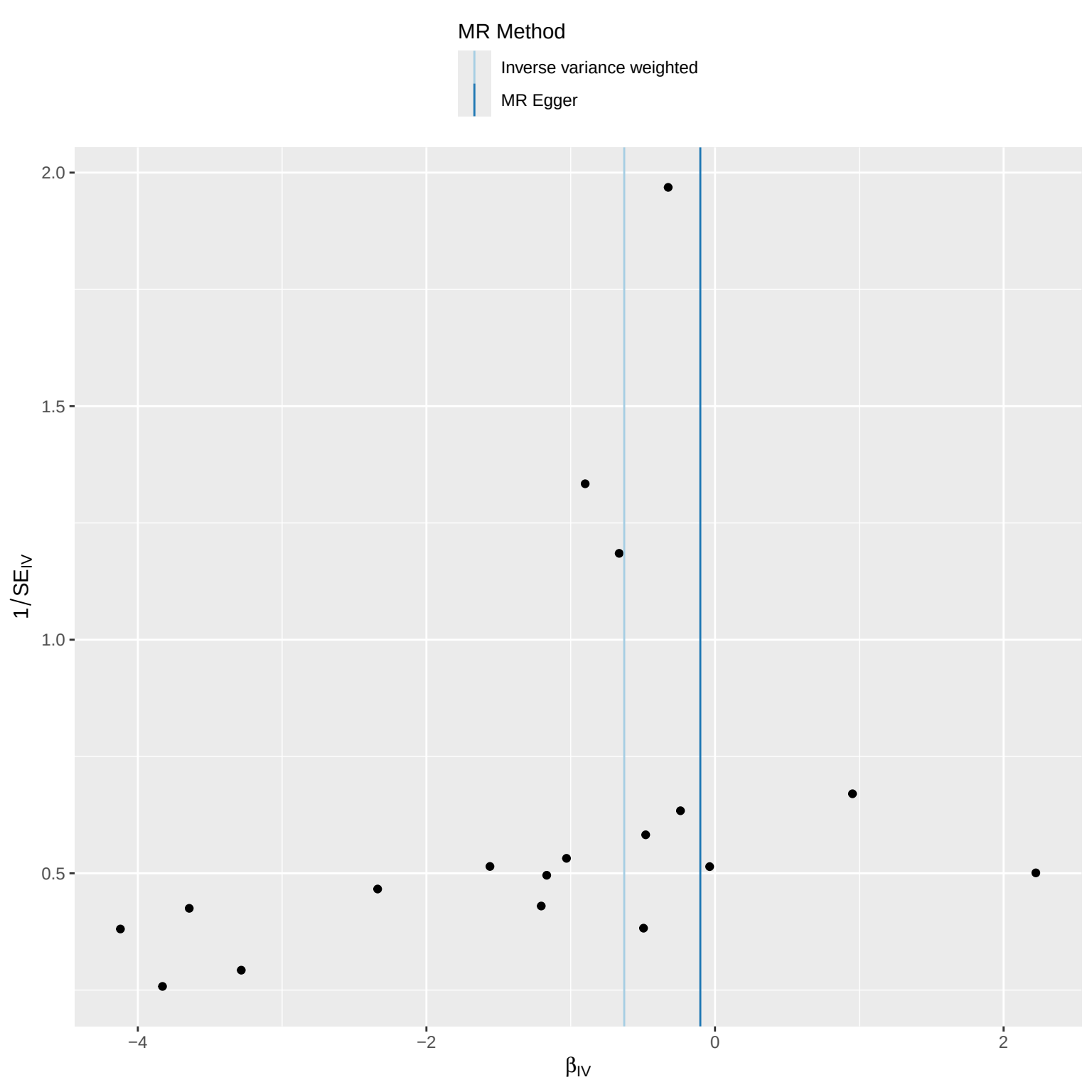

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
−6
−4
−2
0
β_IV

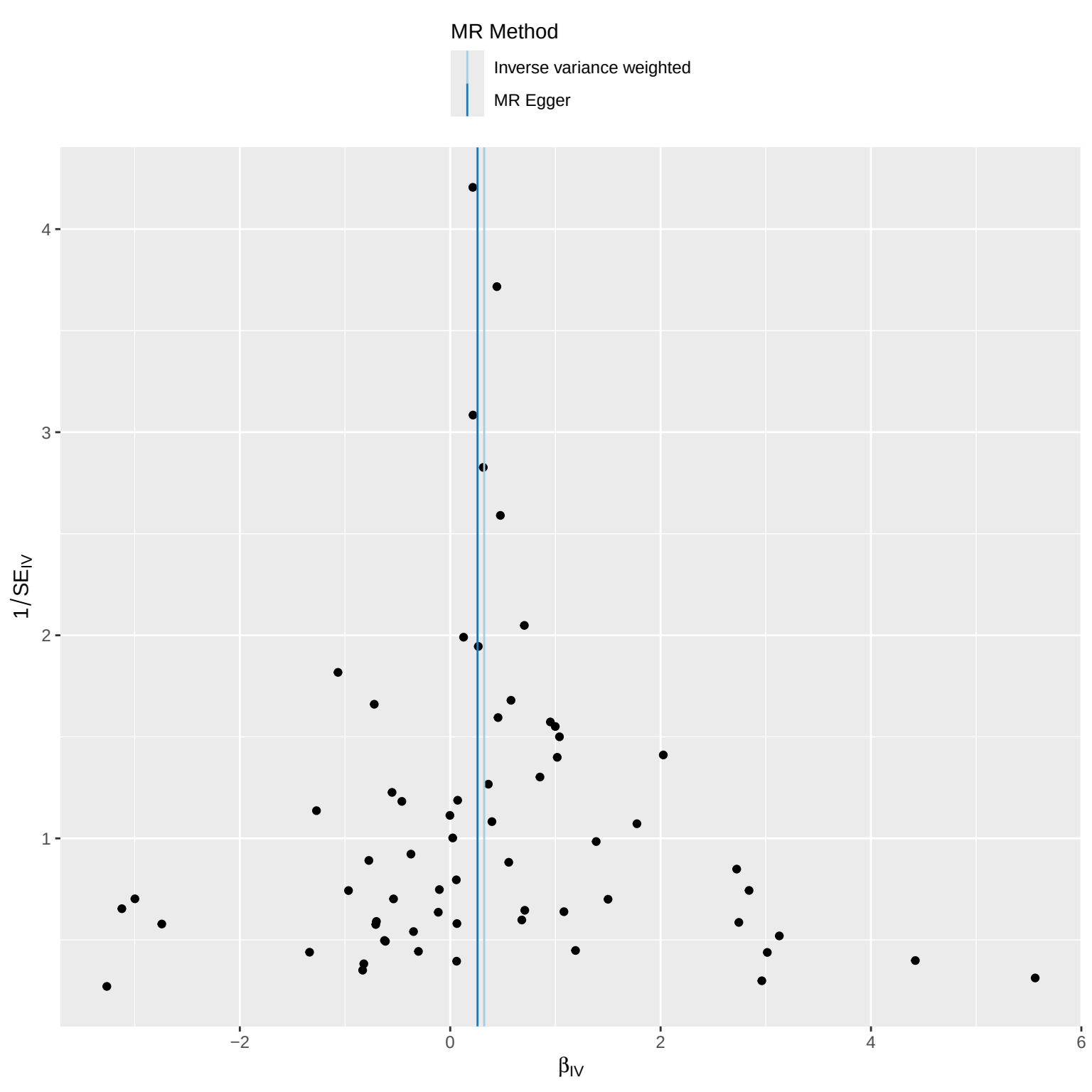

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

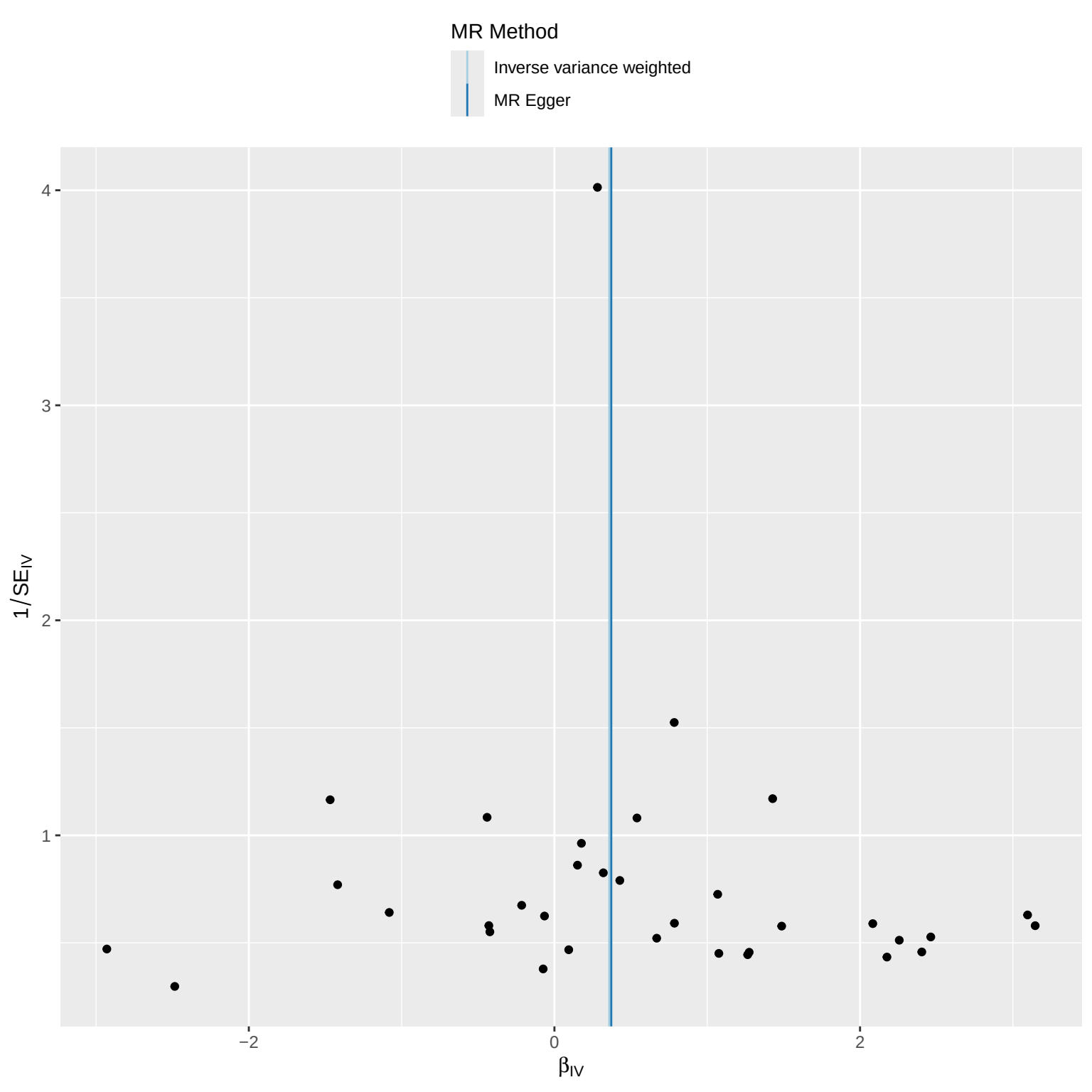

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
1
2
3
4
5
β_IV

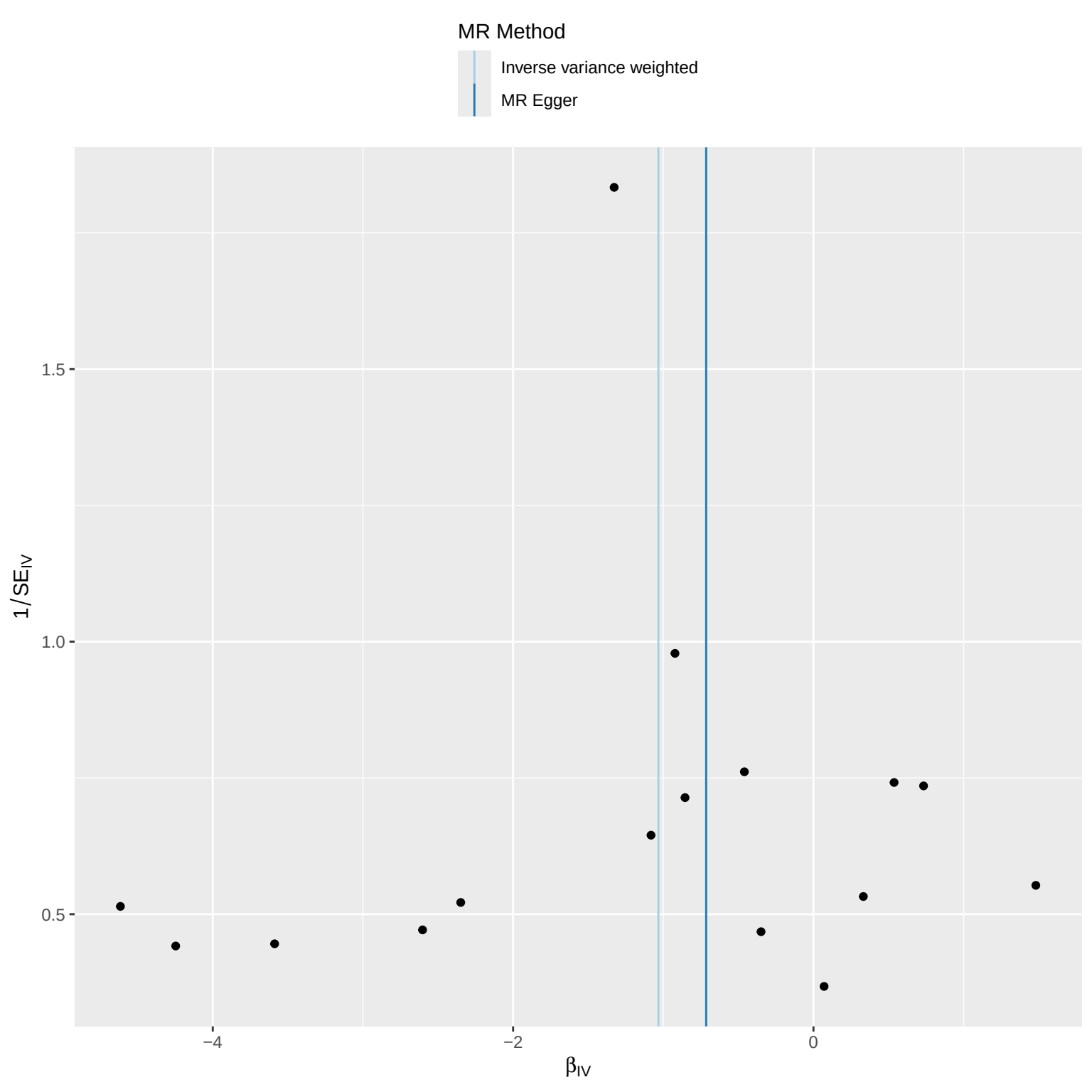

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

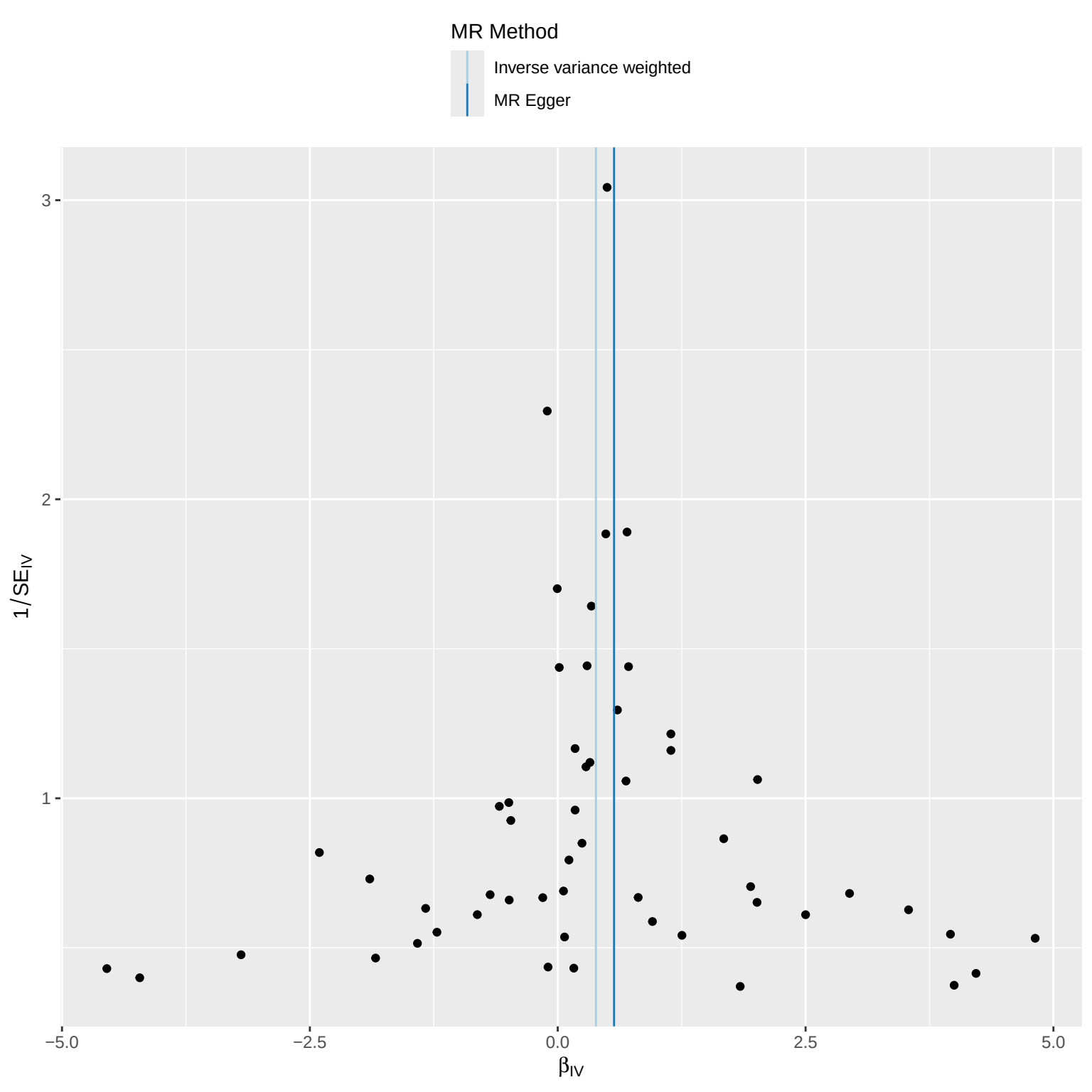

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

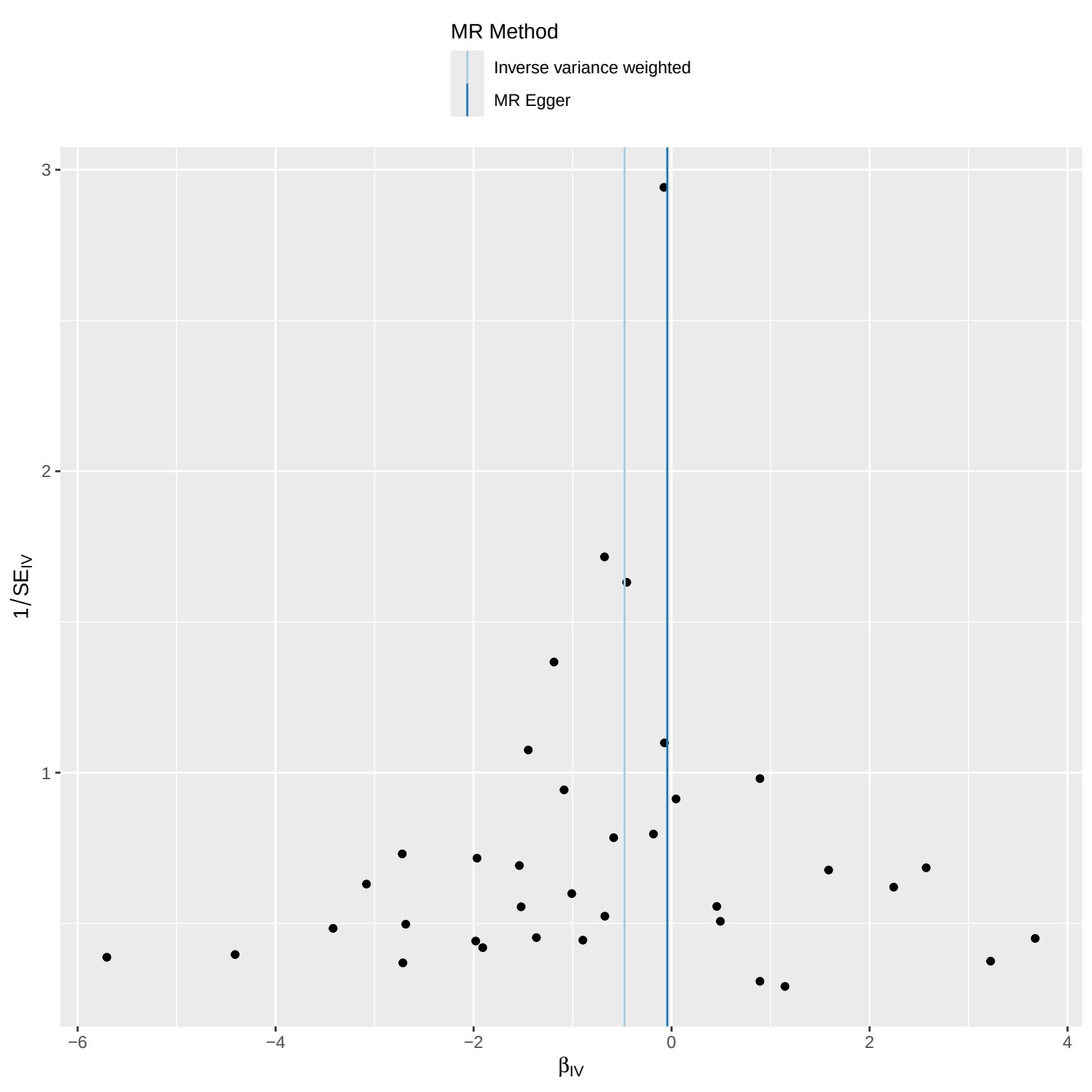

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

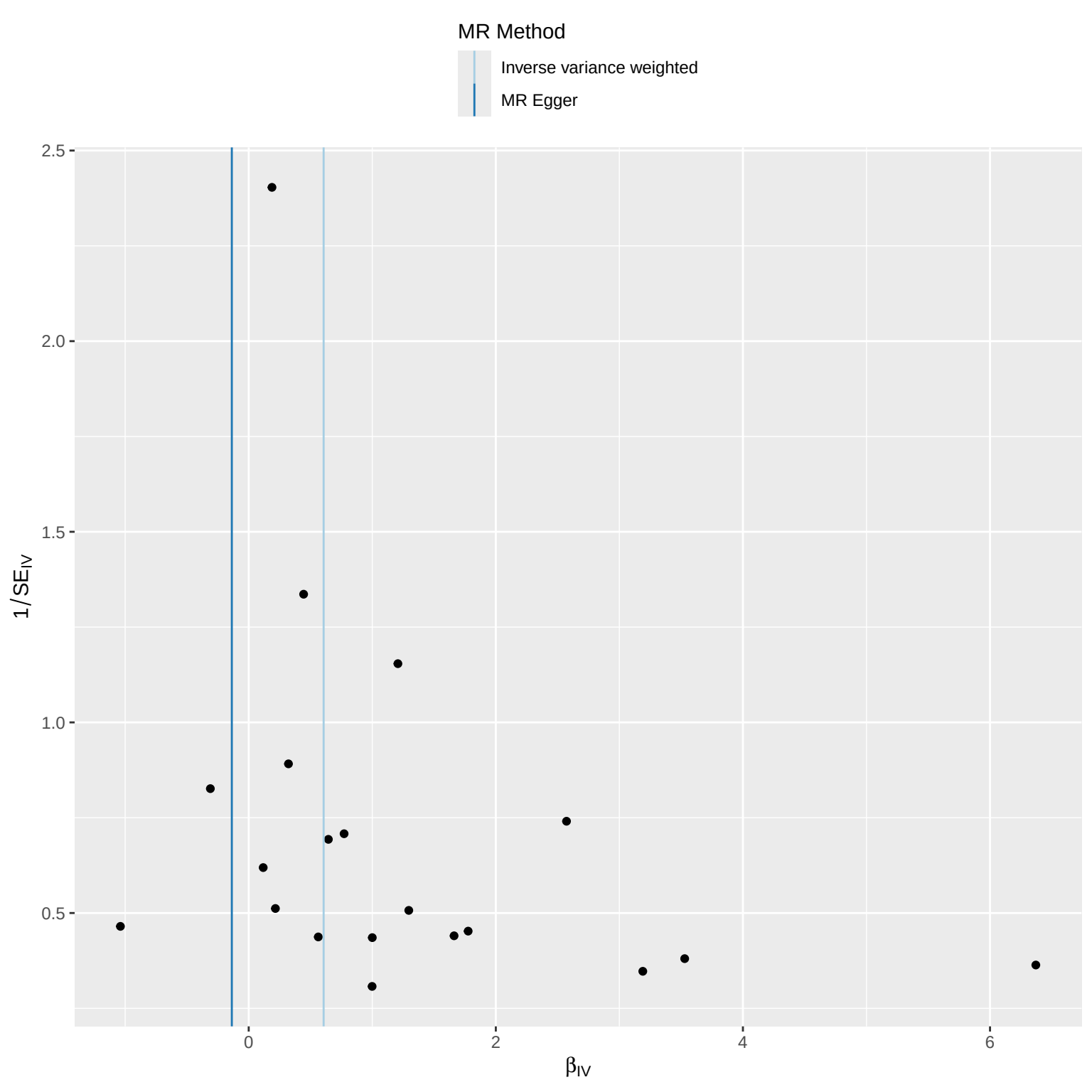

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
0
2
4
6

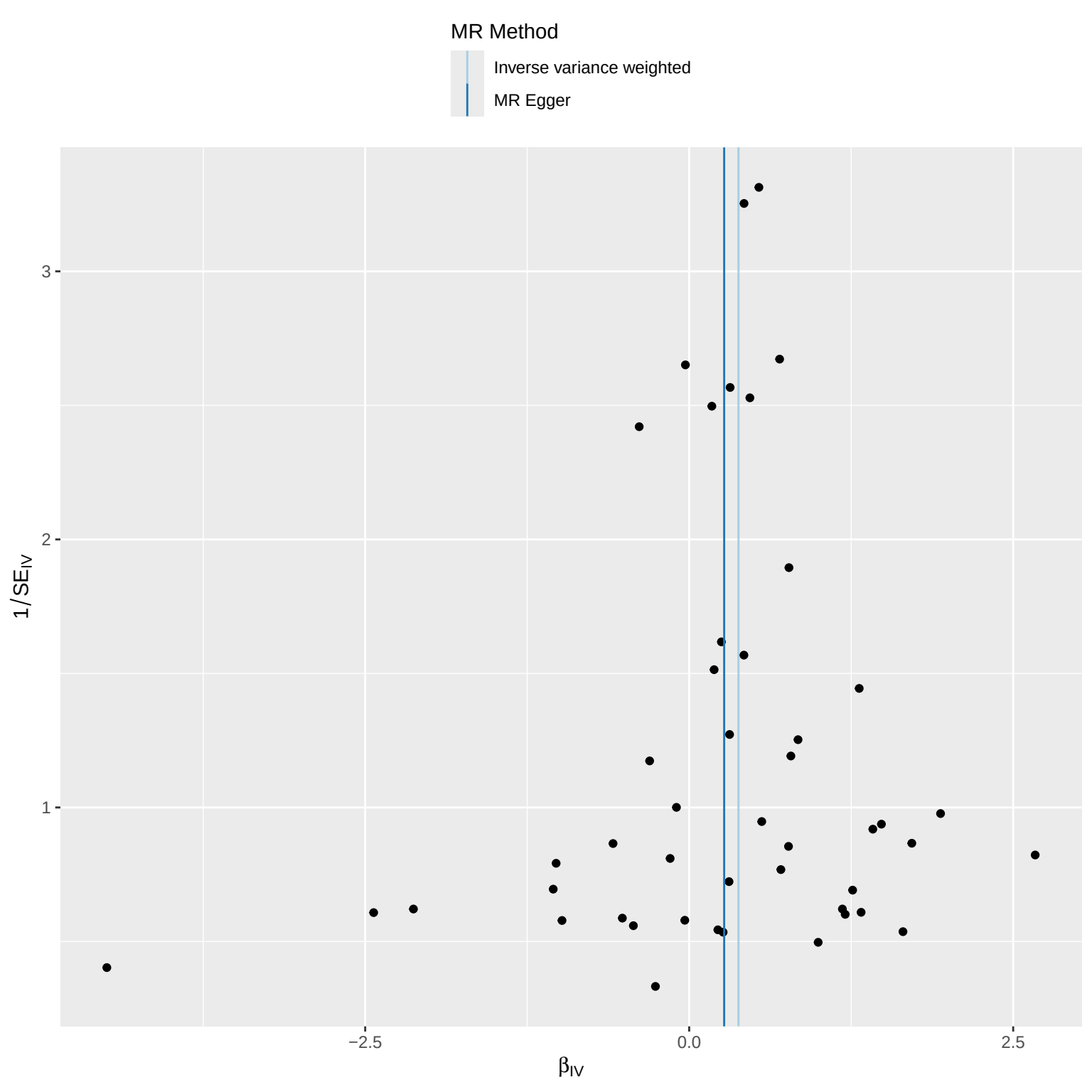

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

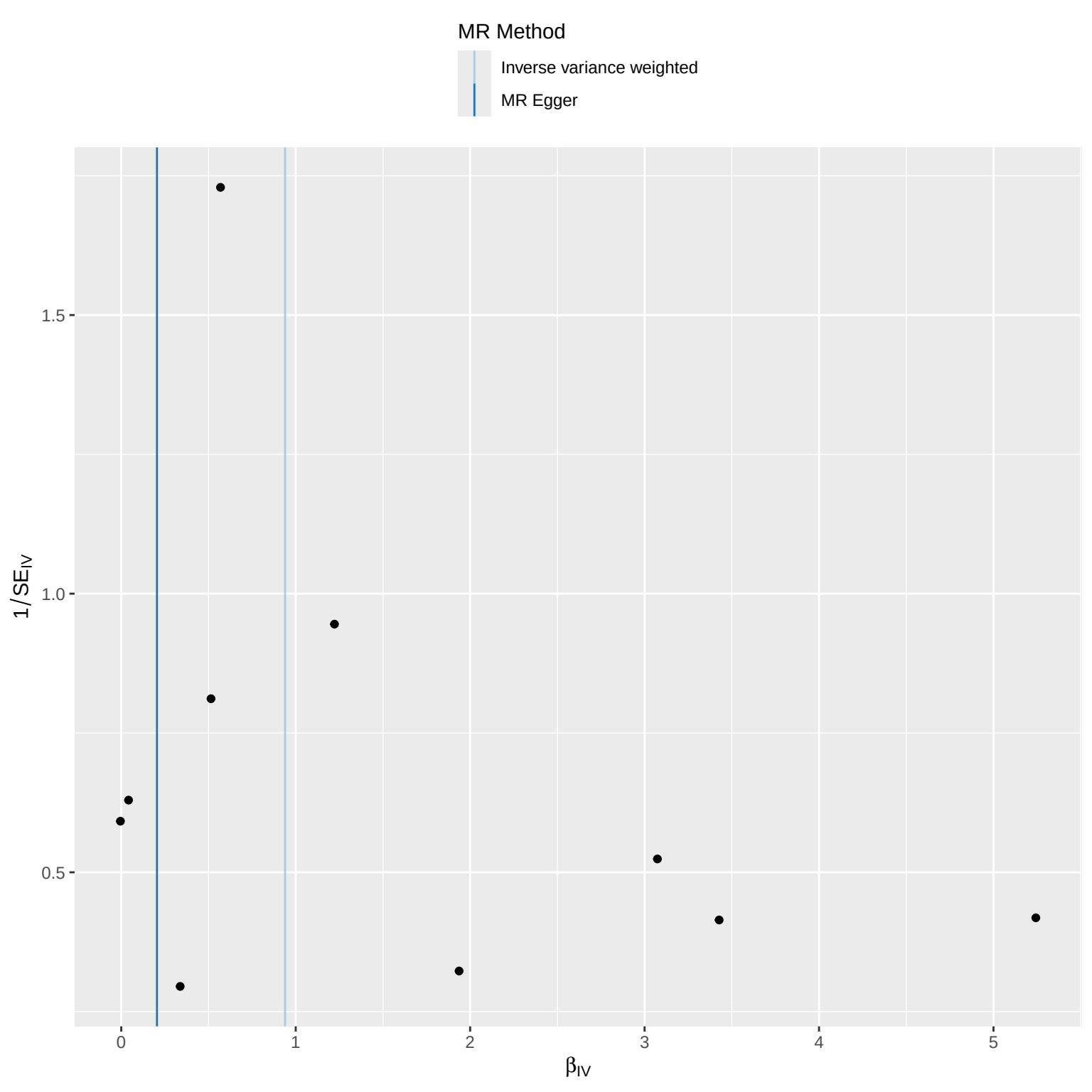

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

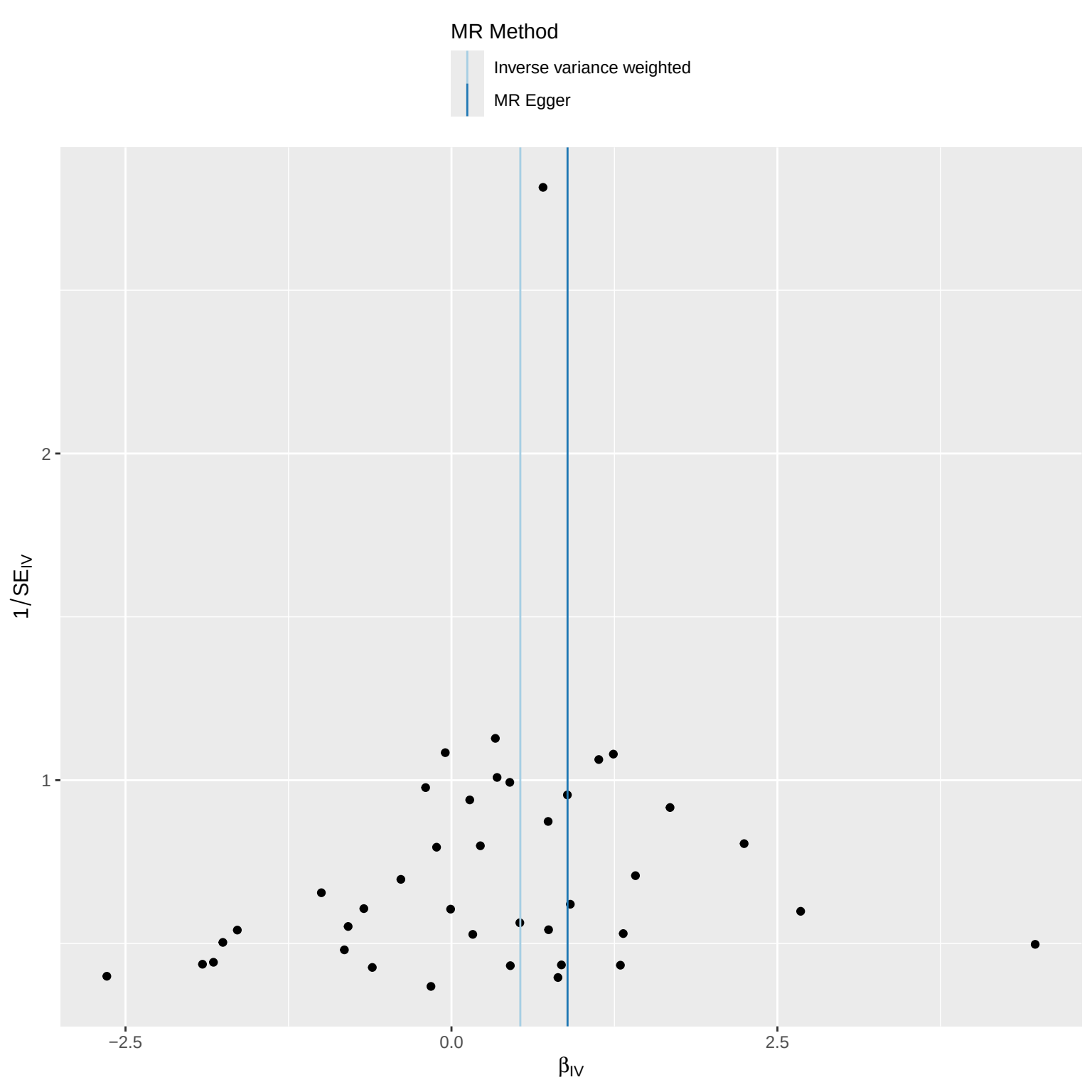

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

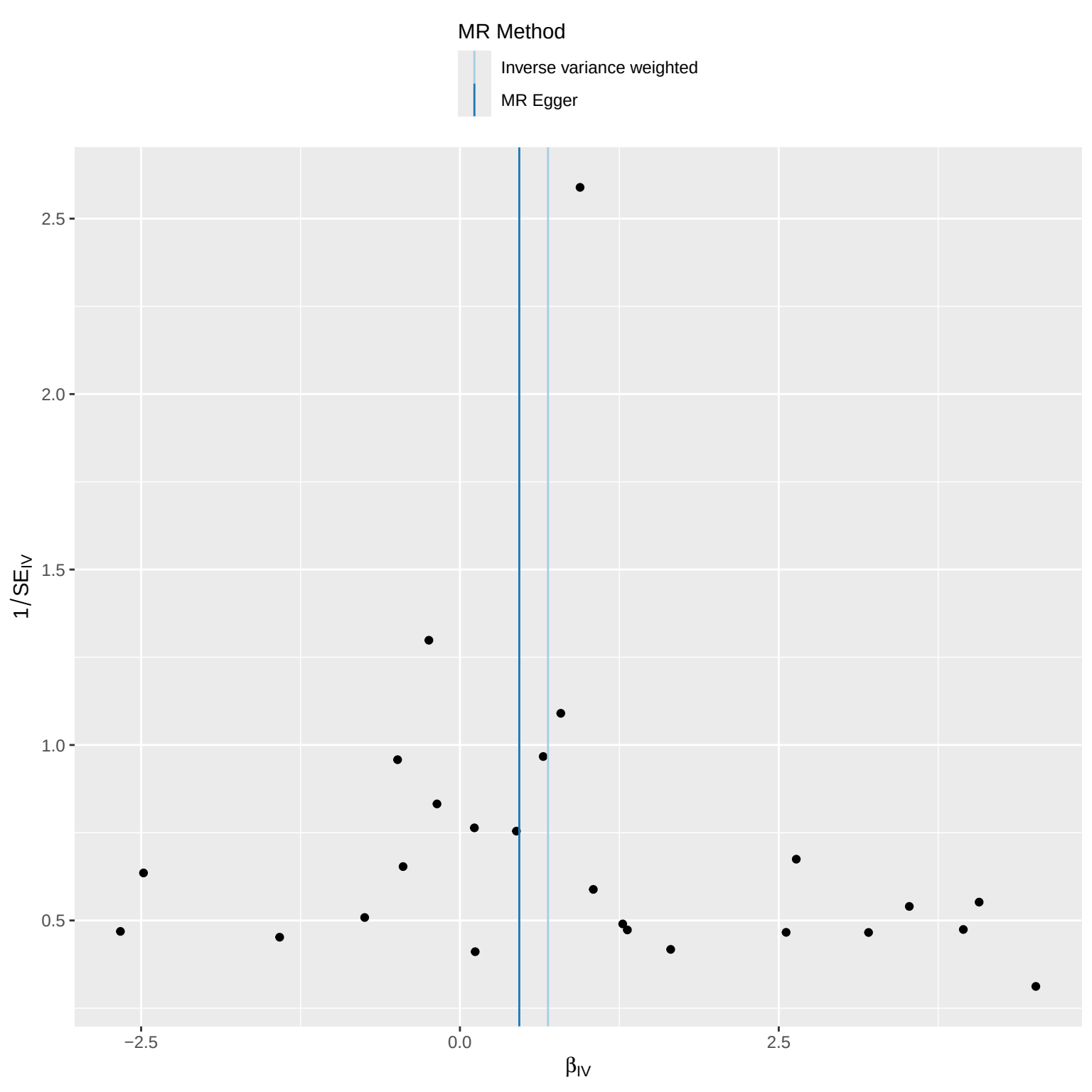

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
4
β_IV

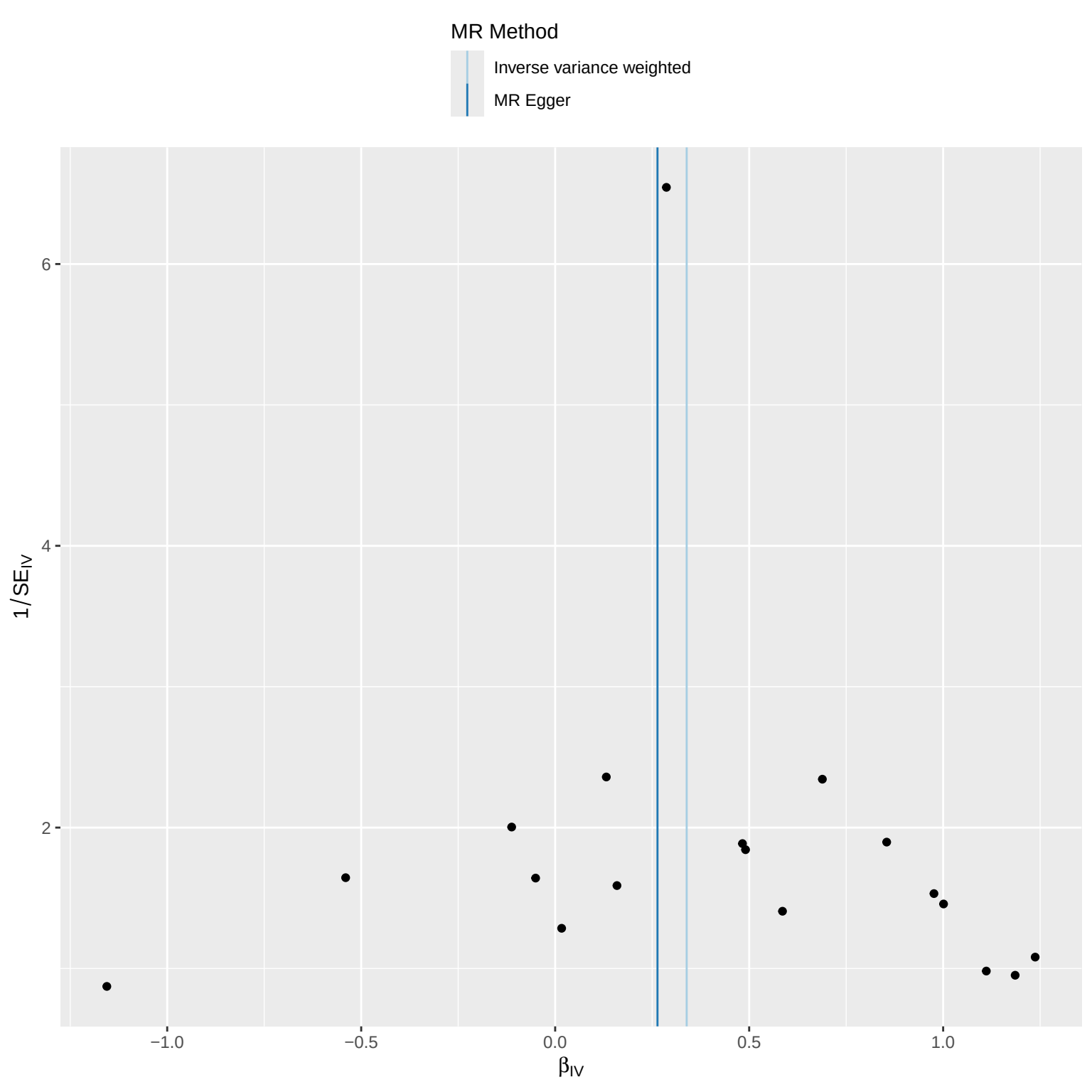

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
6
β_IV

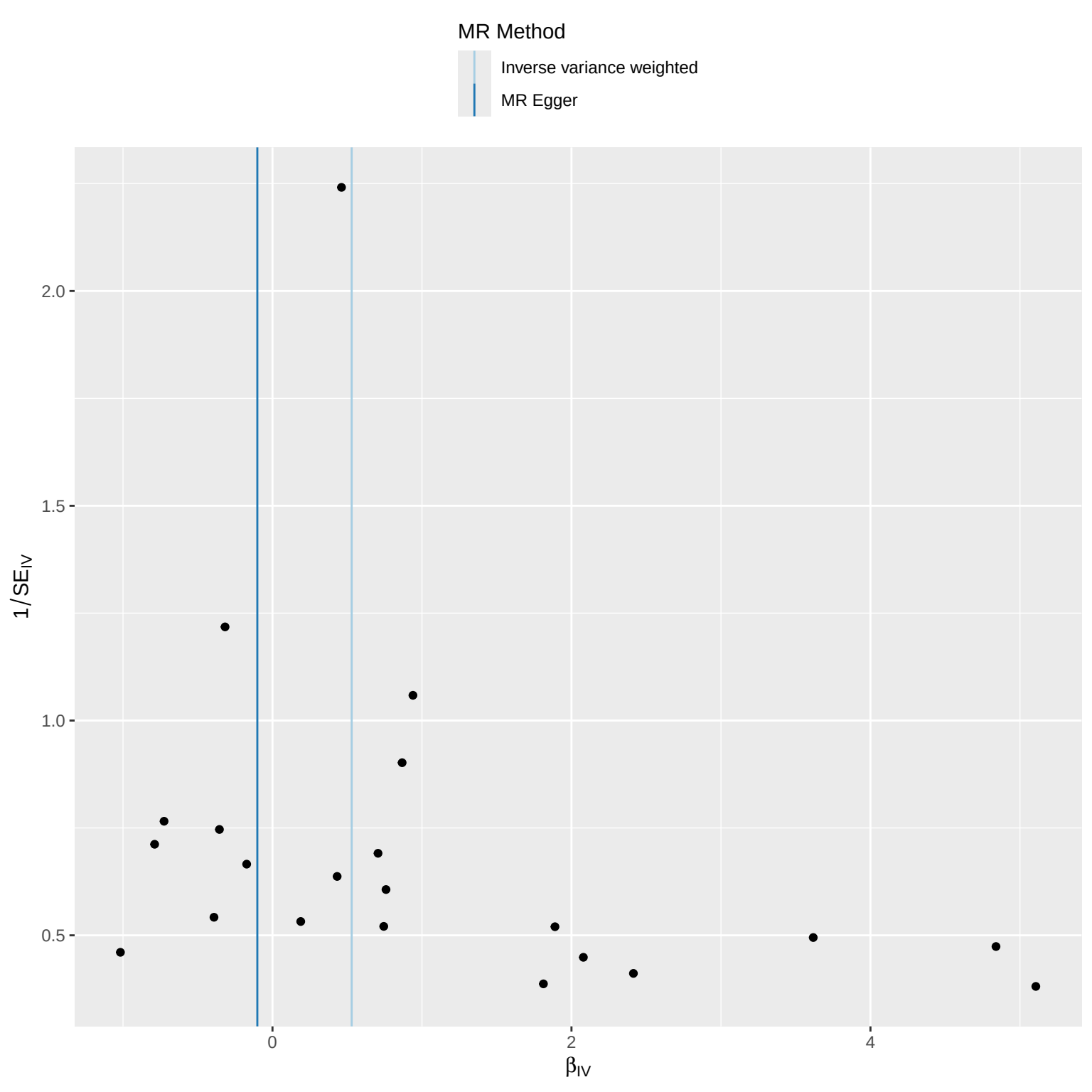

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

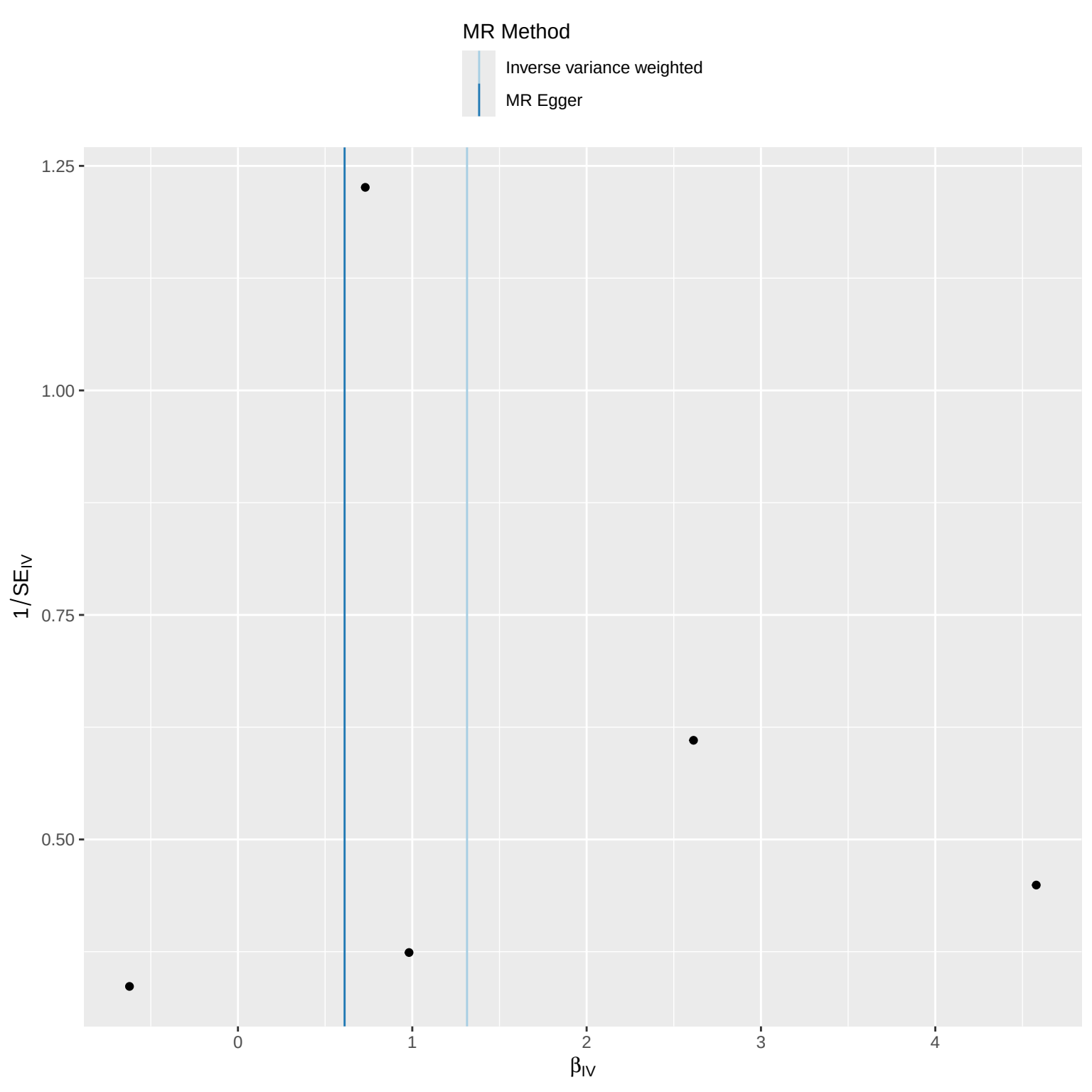

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
5
β_IV

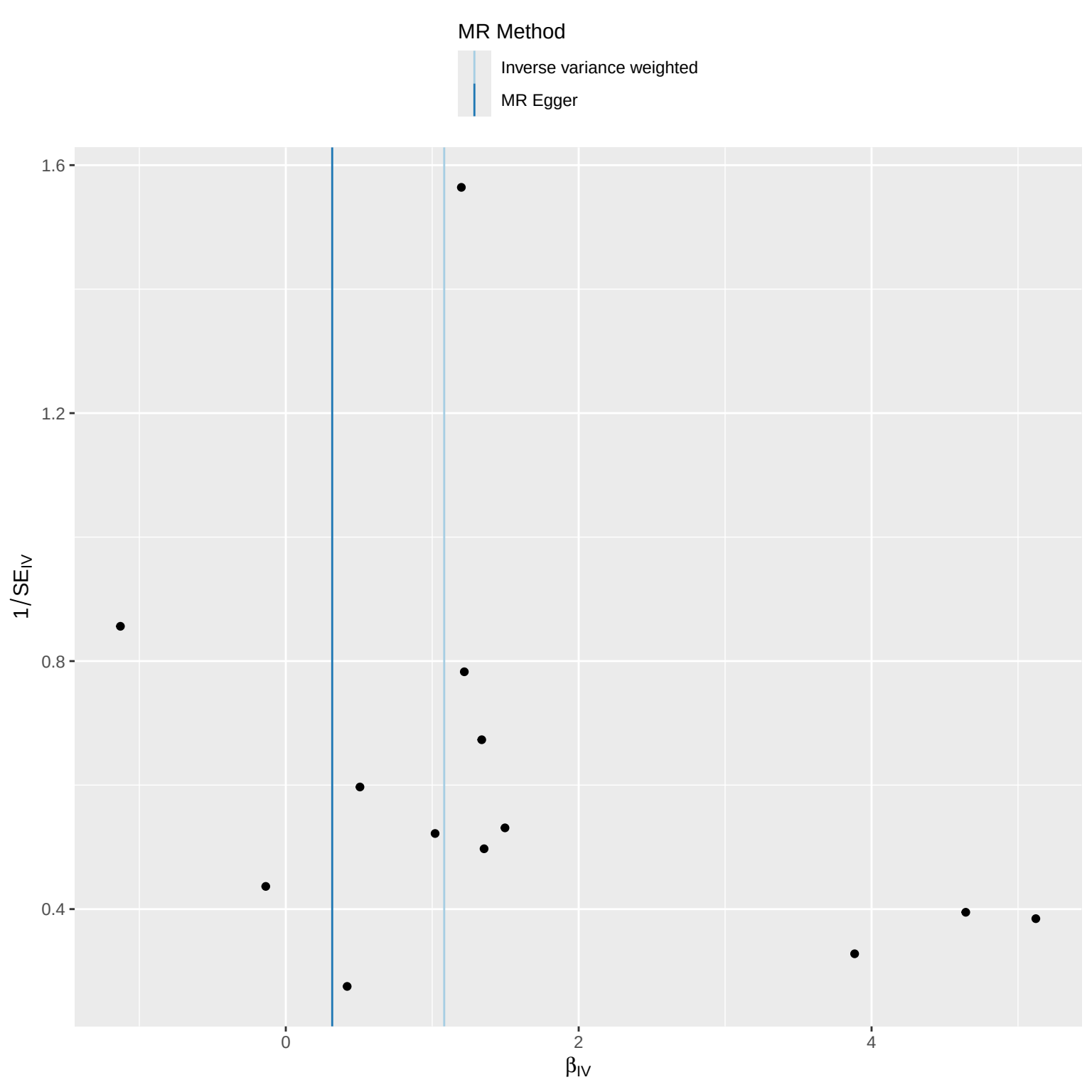

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

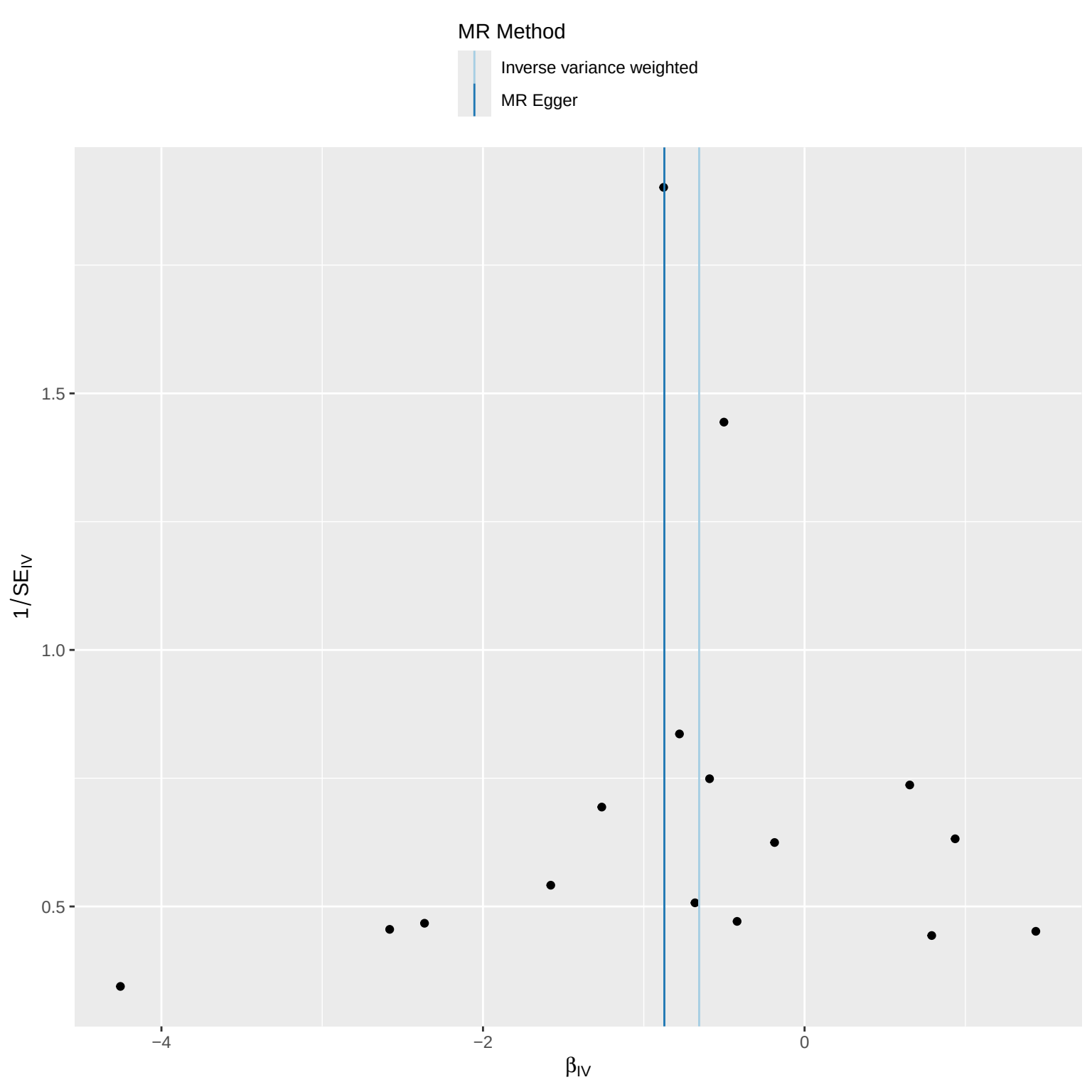

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

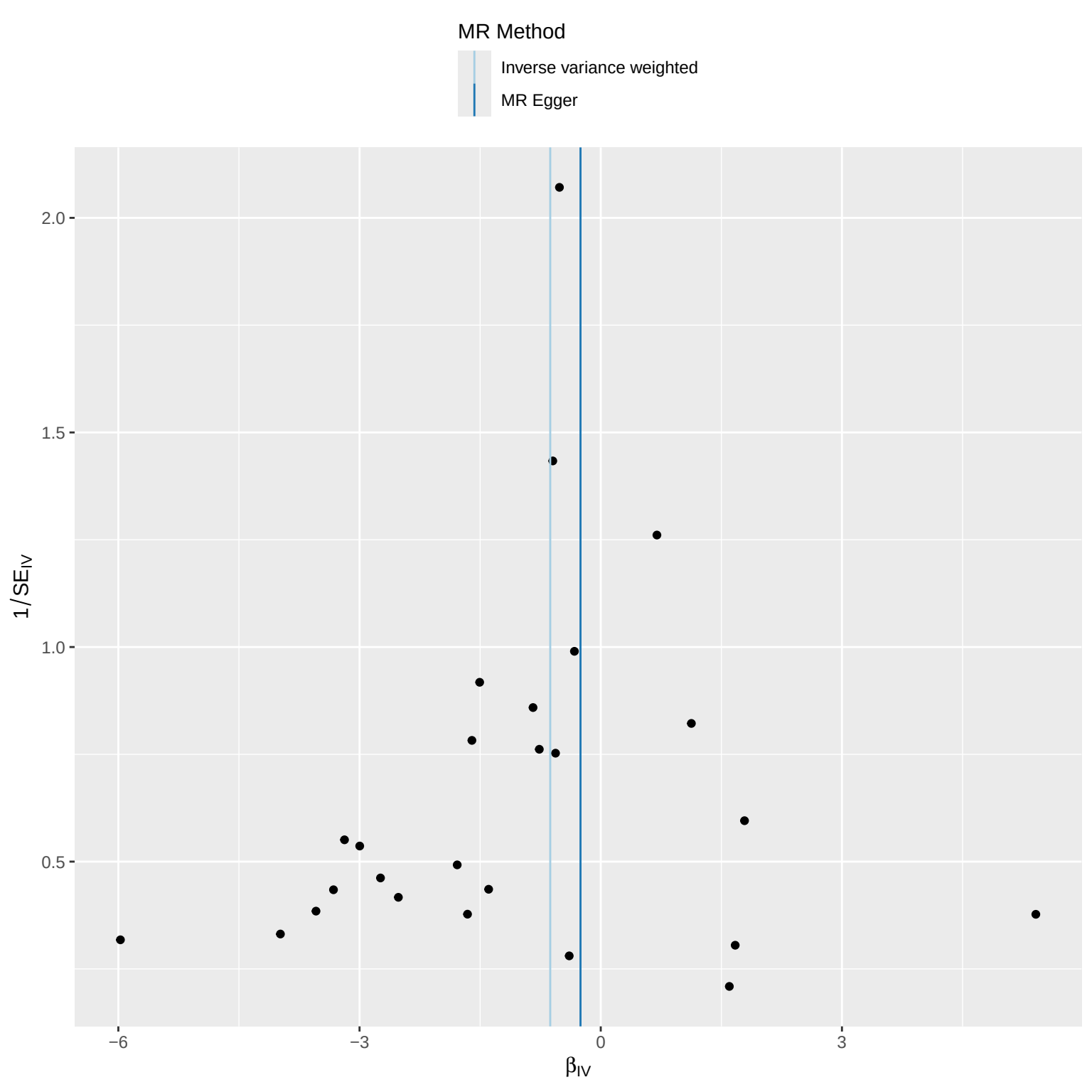

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

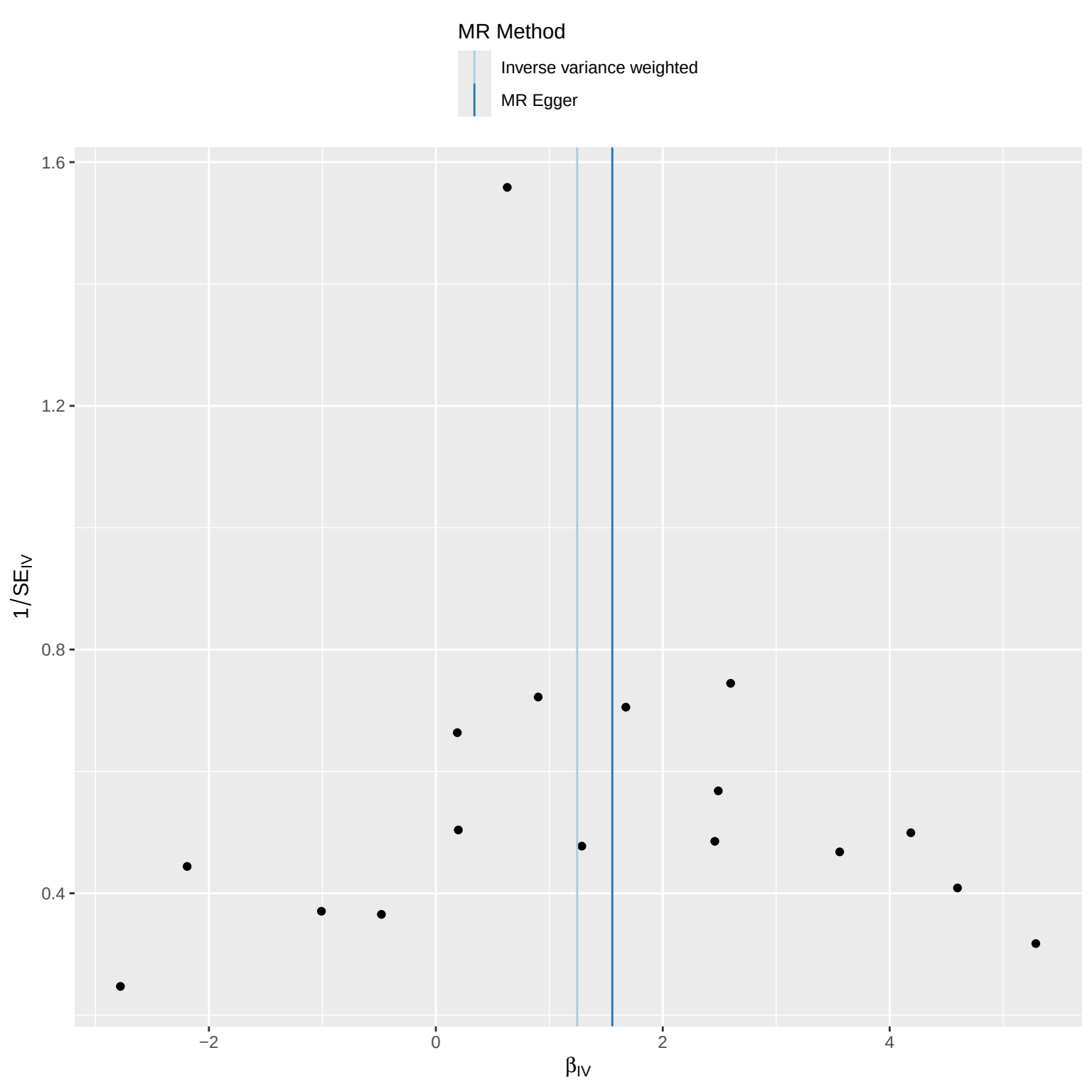

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

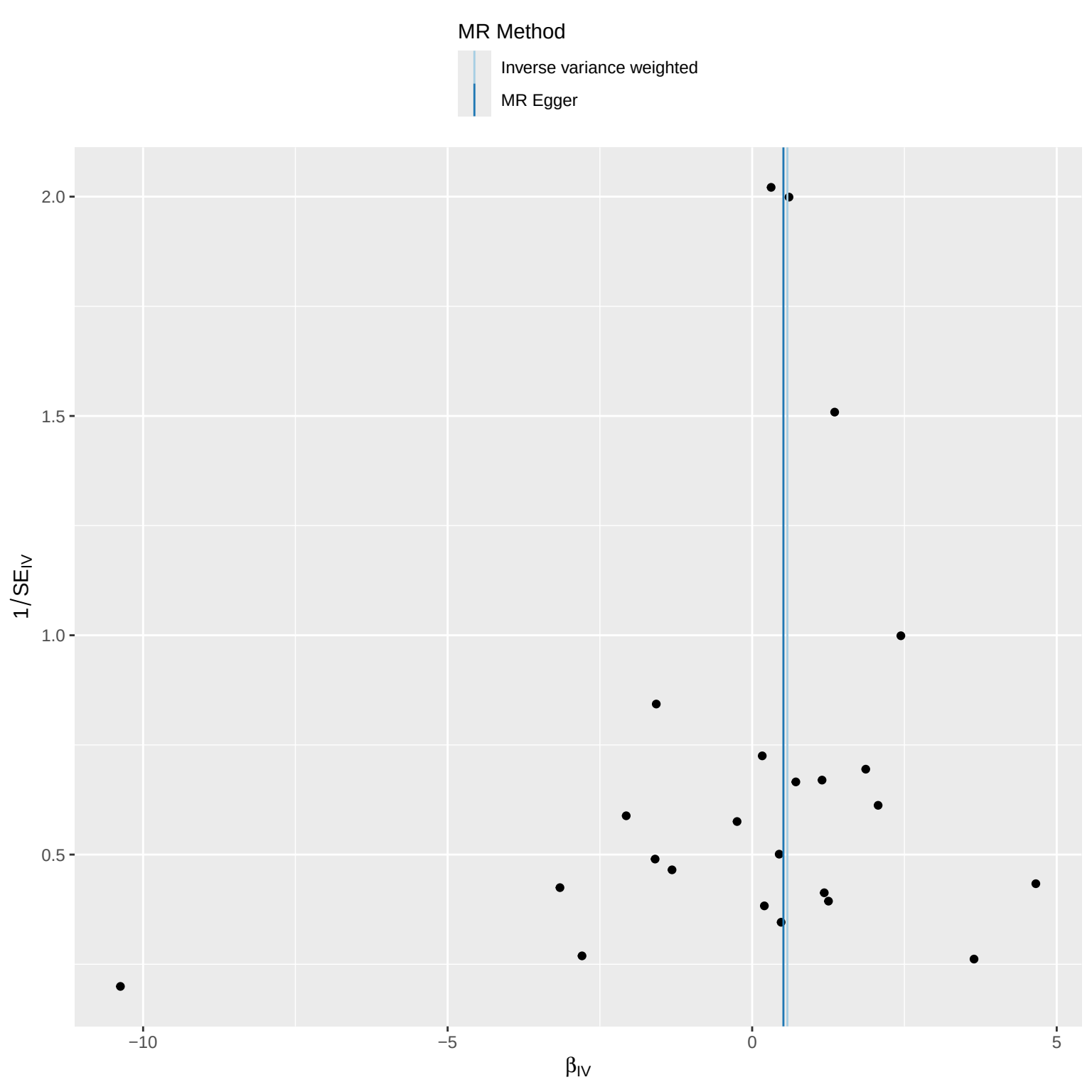

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
4
β_IV

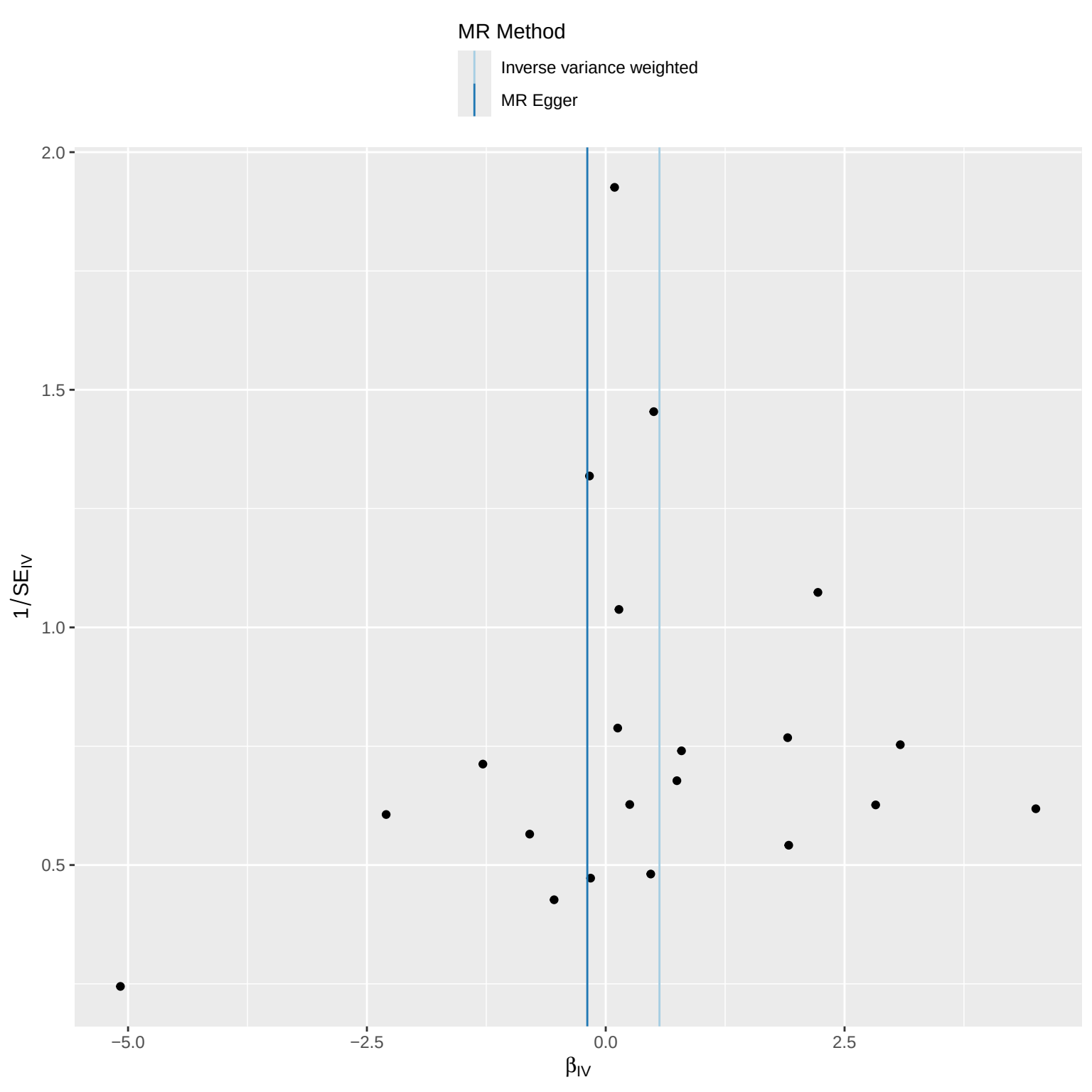

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
2
4
β_IV

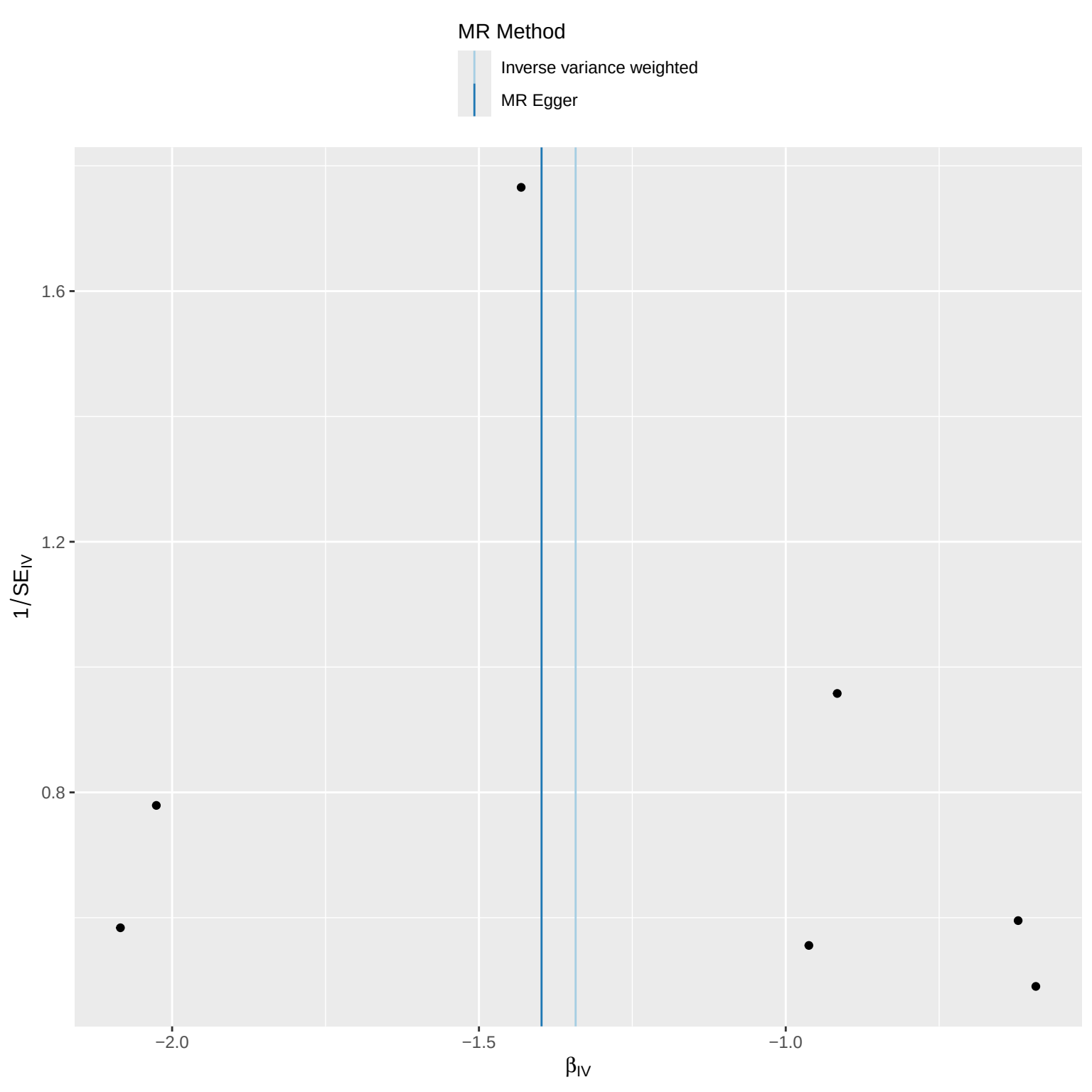

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

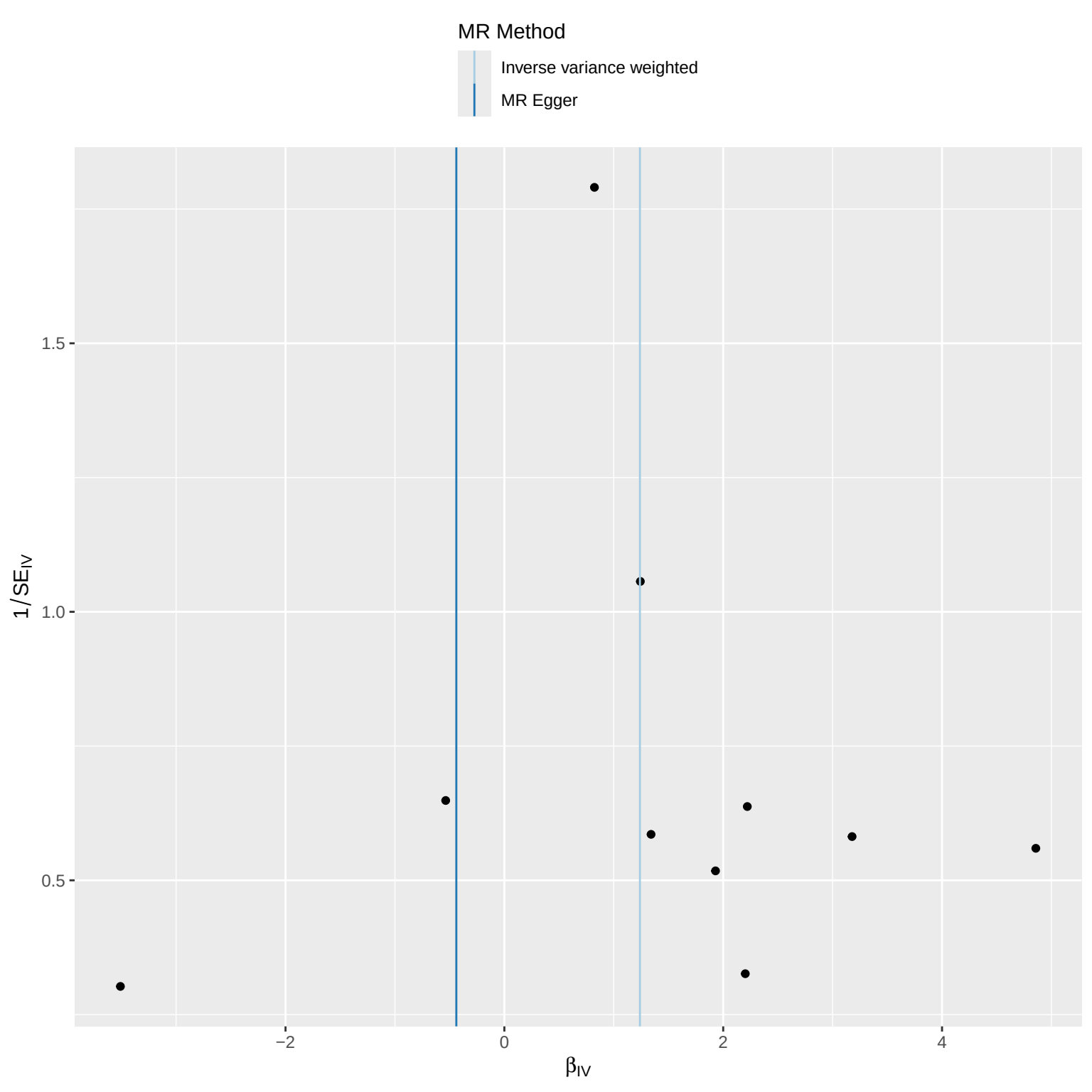

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−3
0
3
β_IV

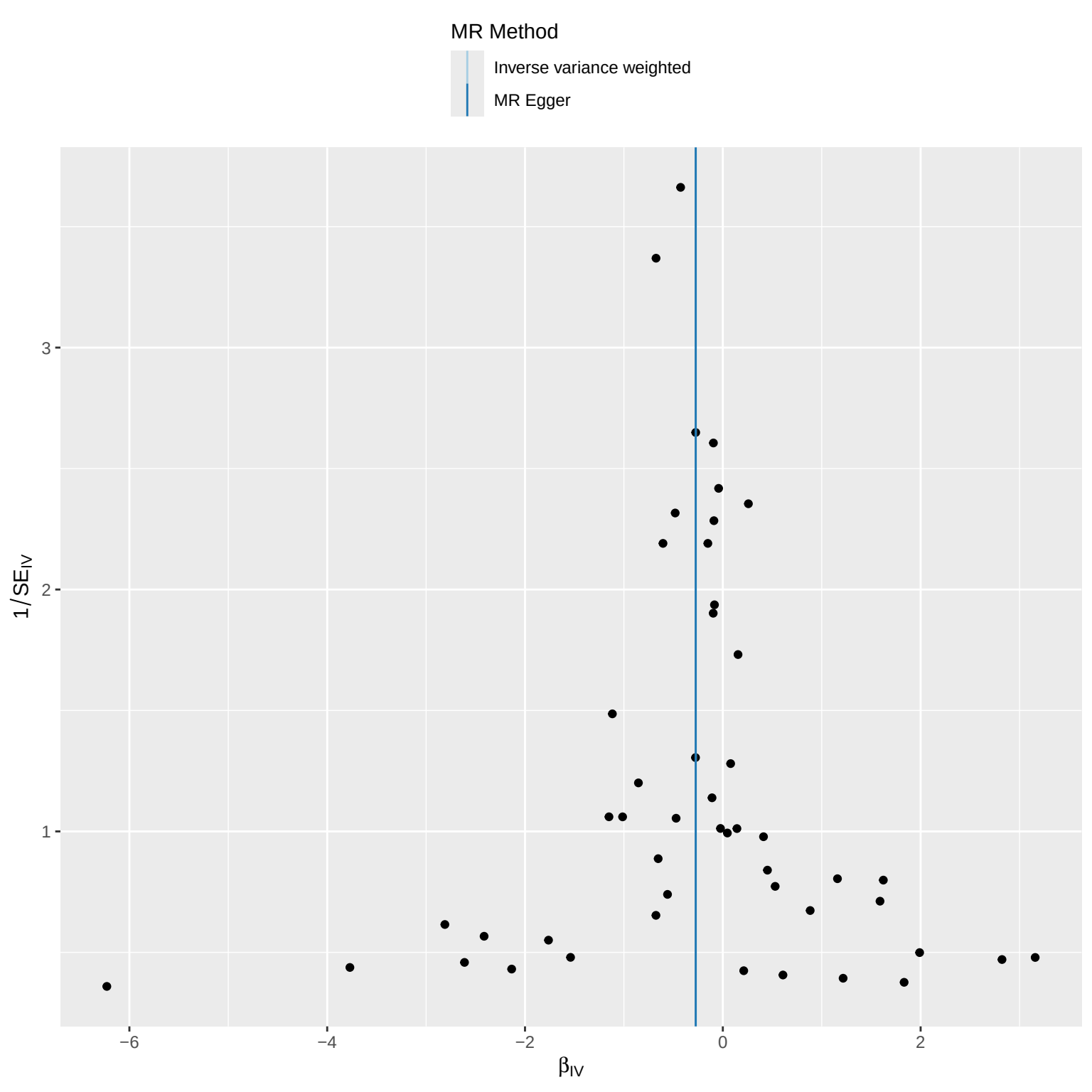

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

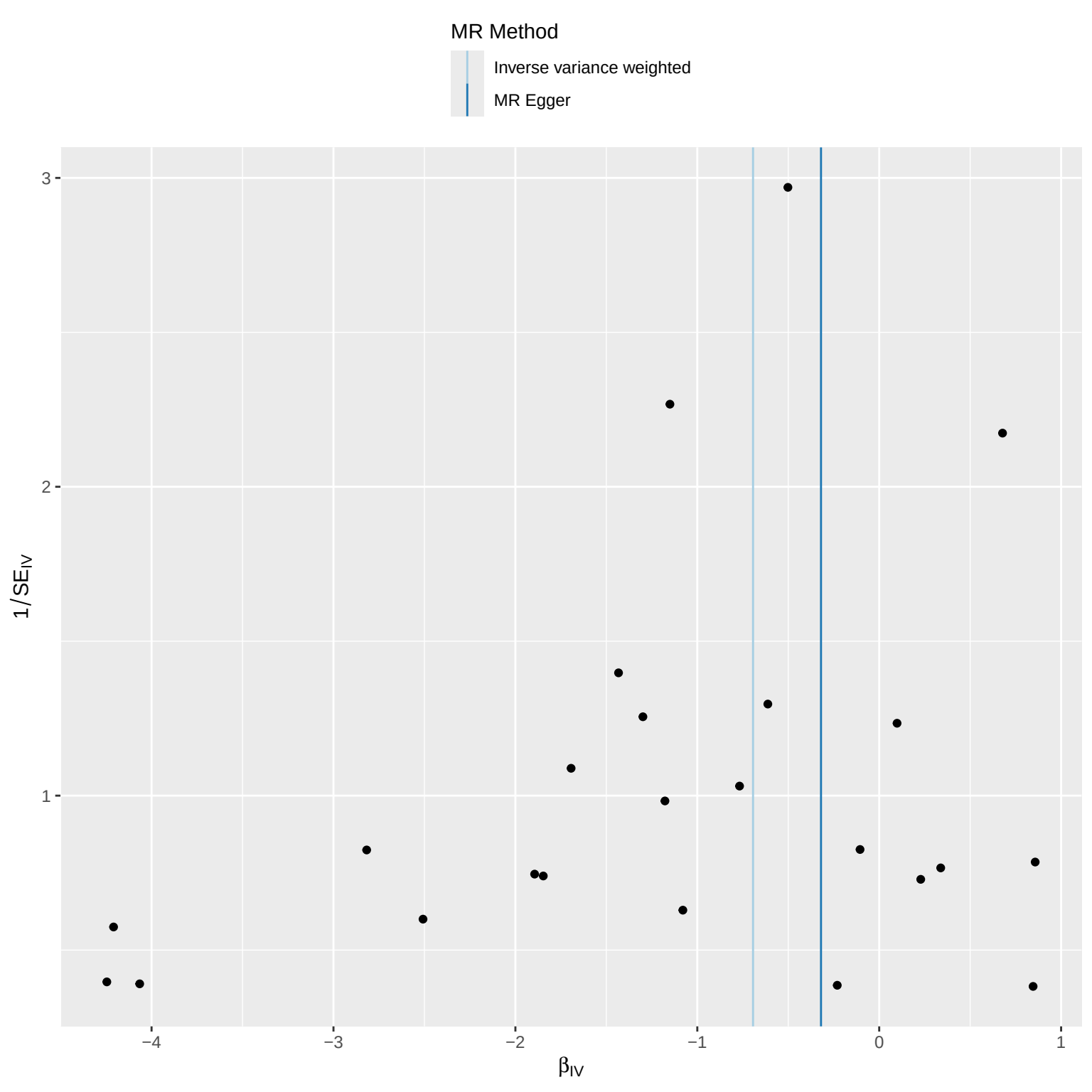

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−10
−5
0
5
β_IV

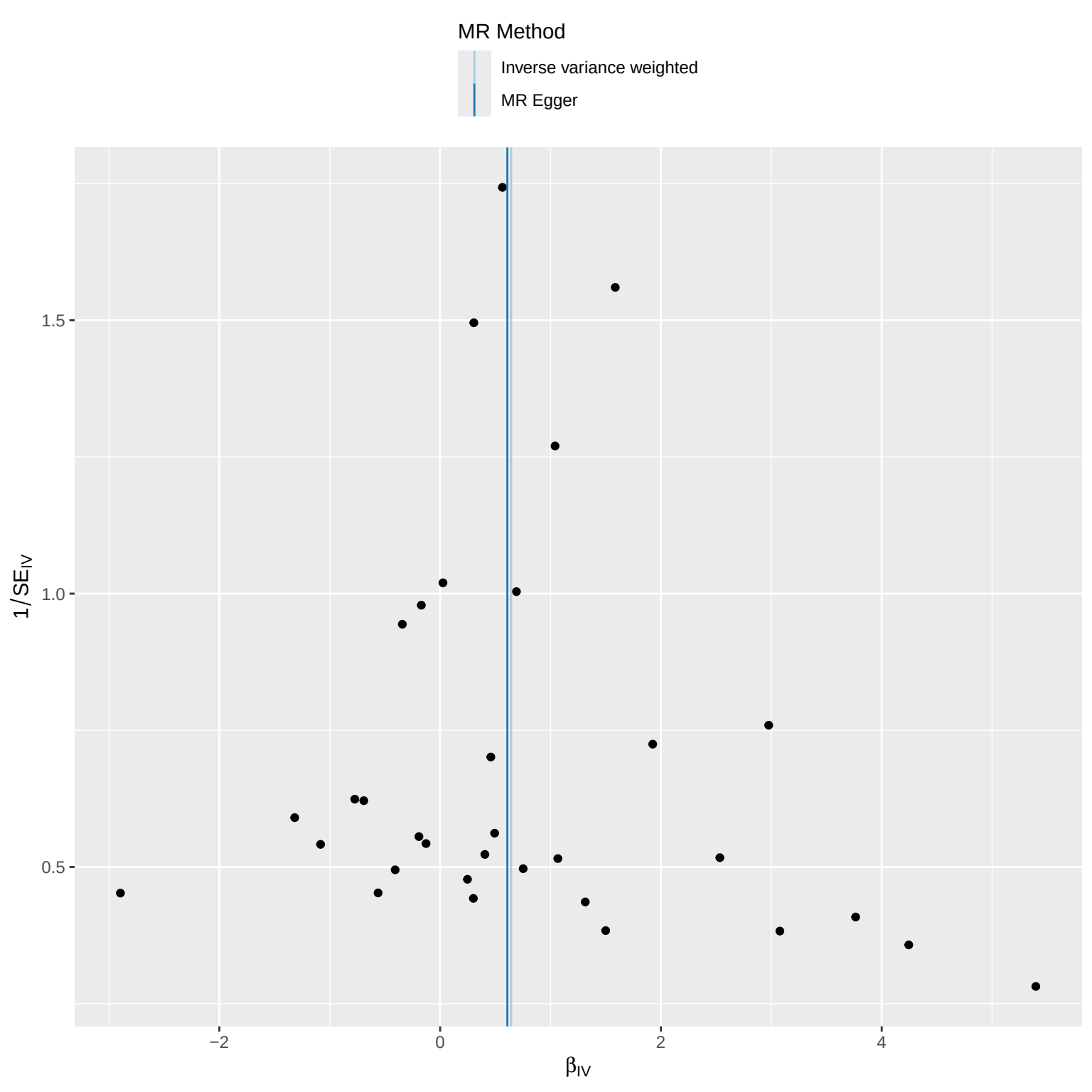

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

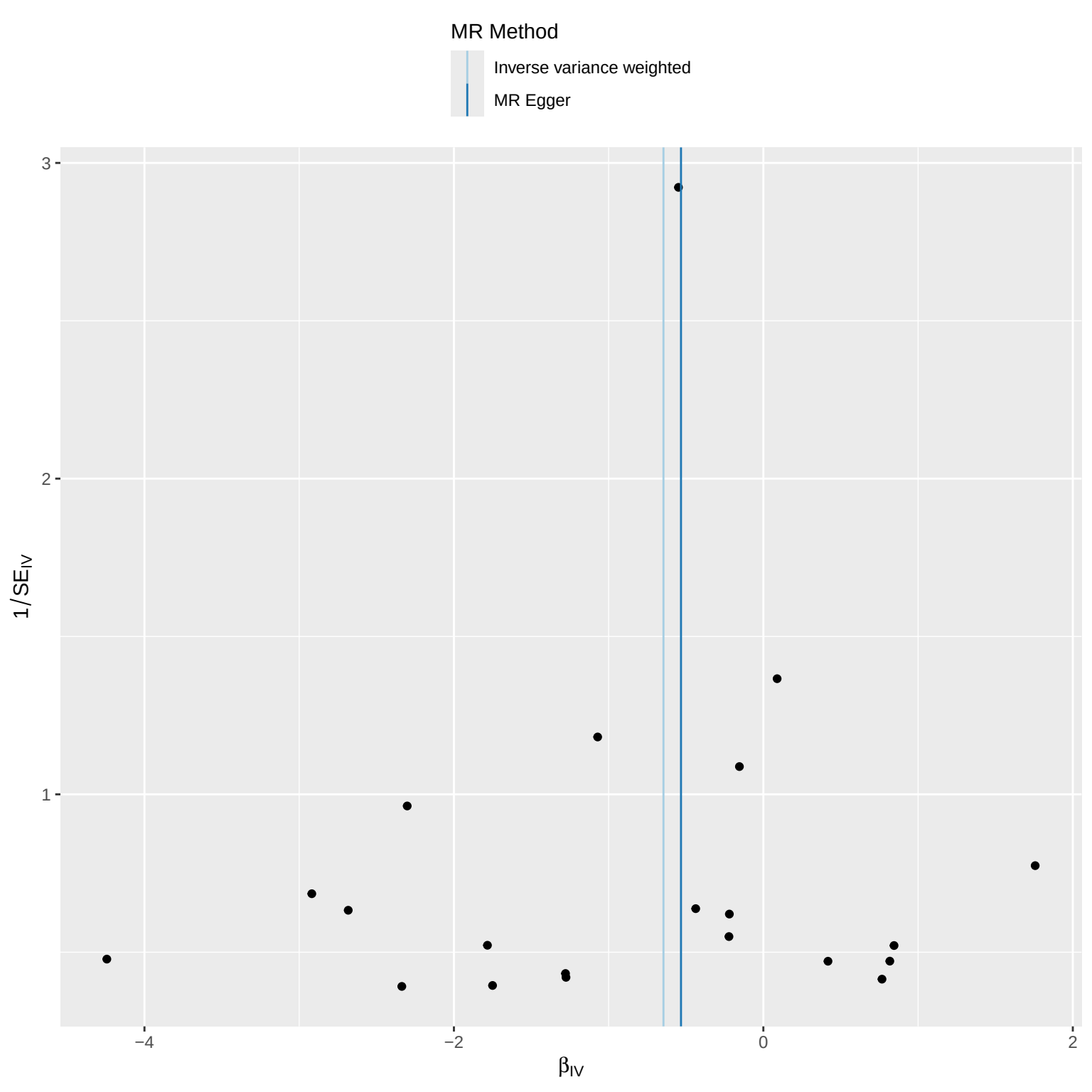

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2.0
−1.5
−1.0
β_IV

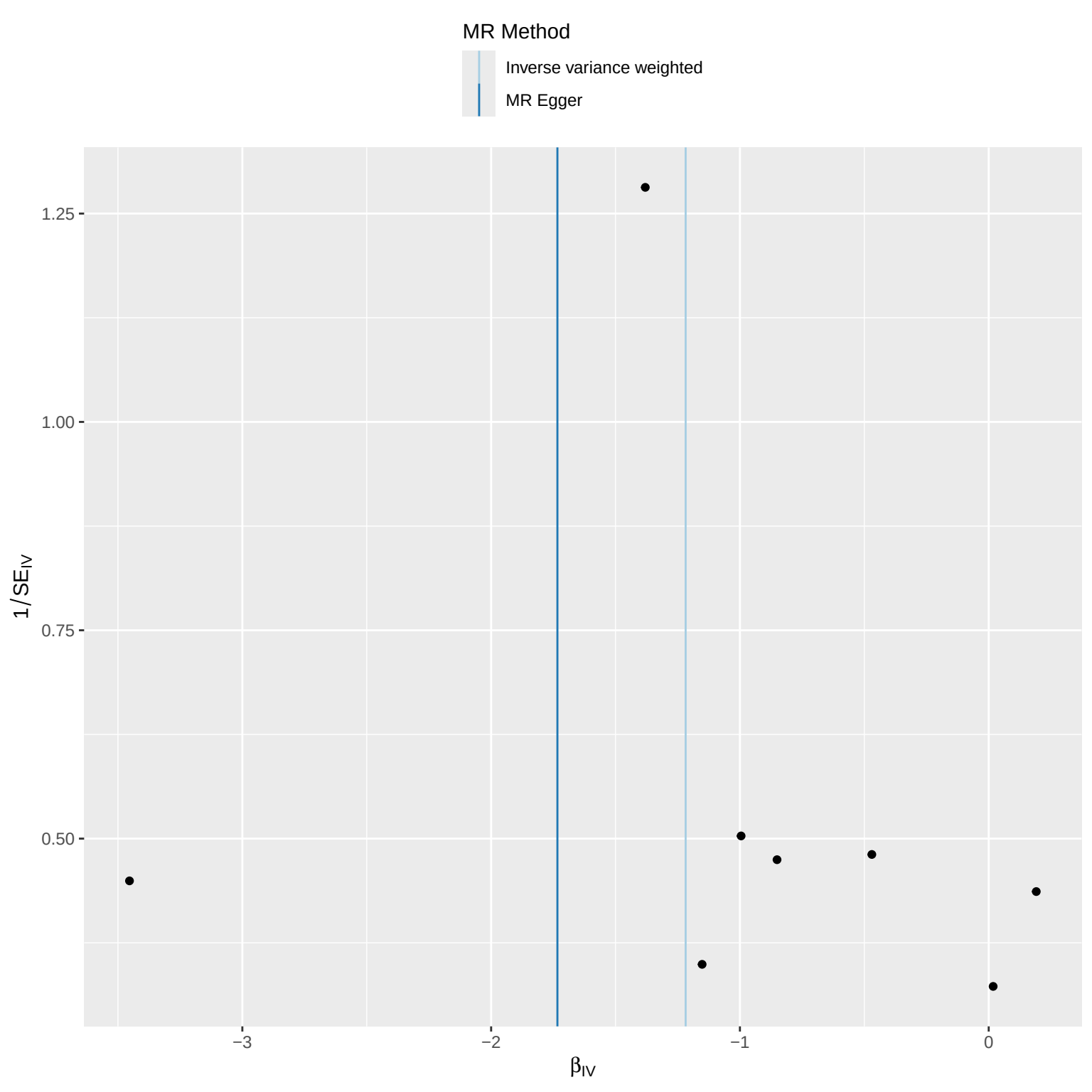

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

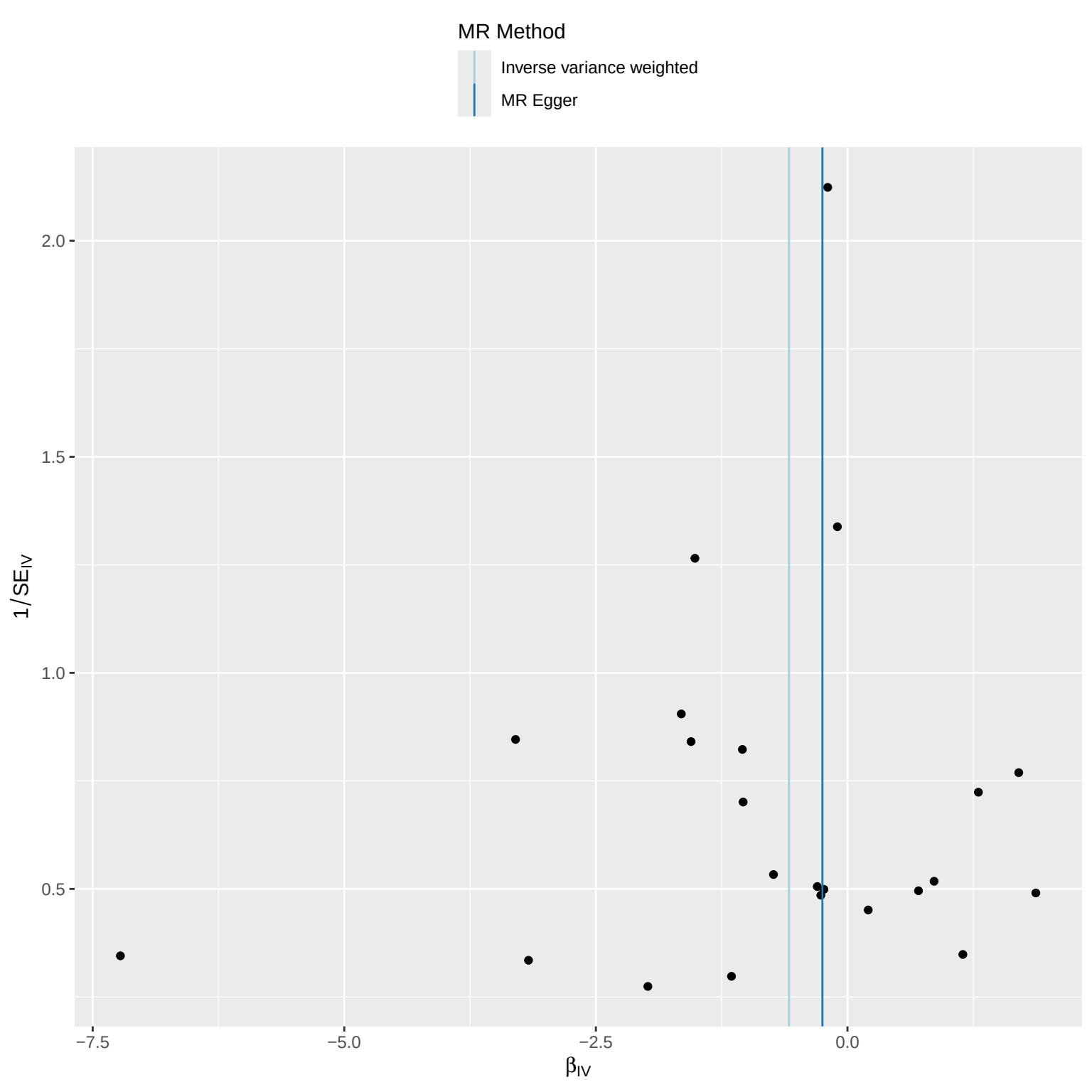

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

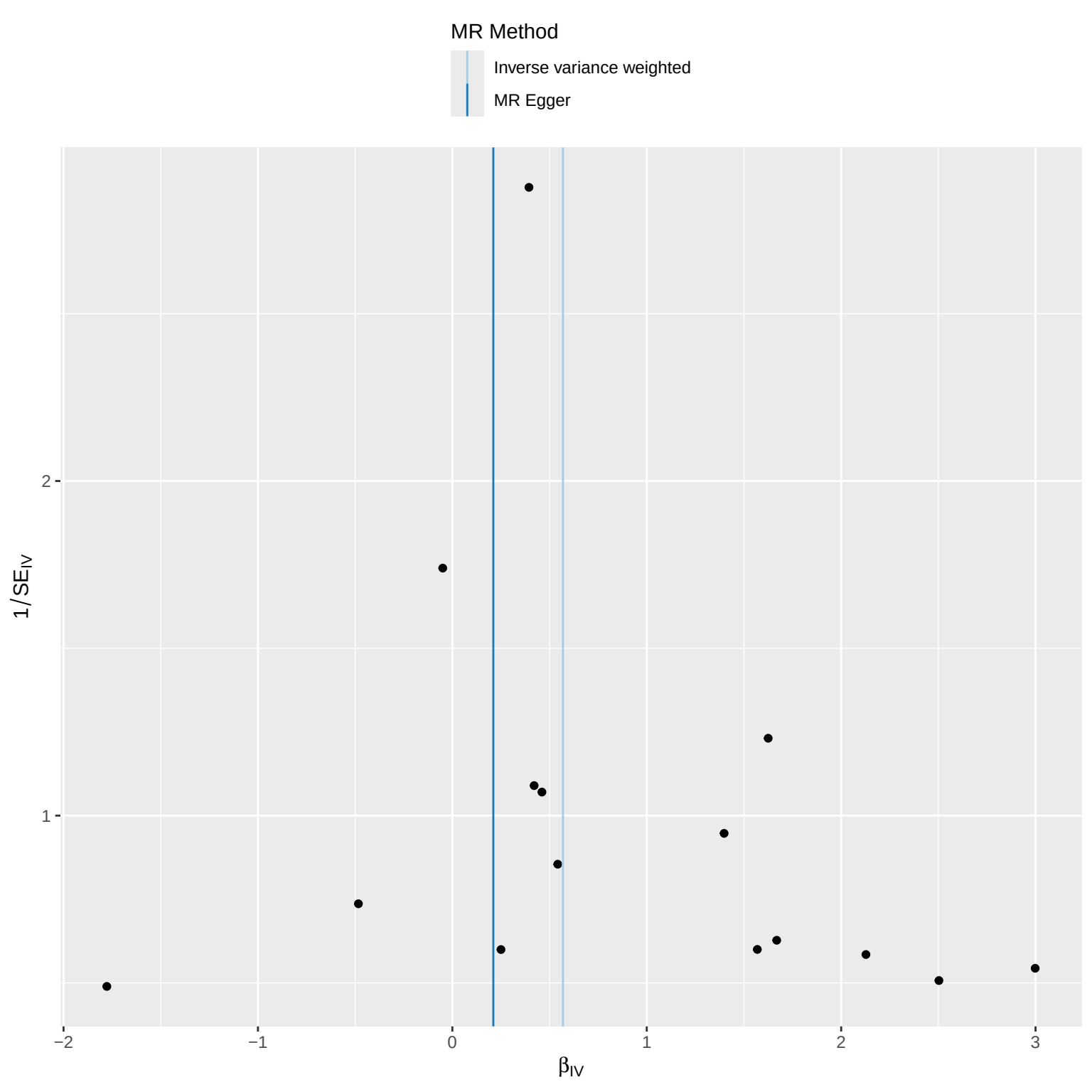

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

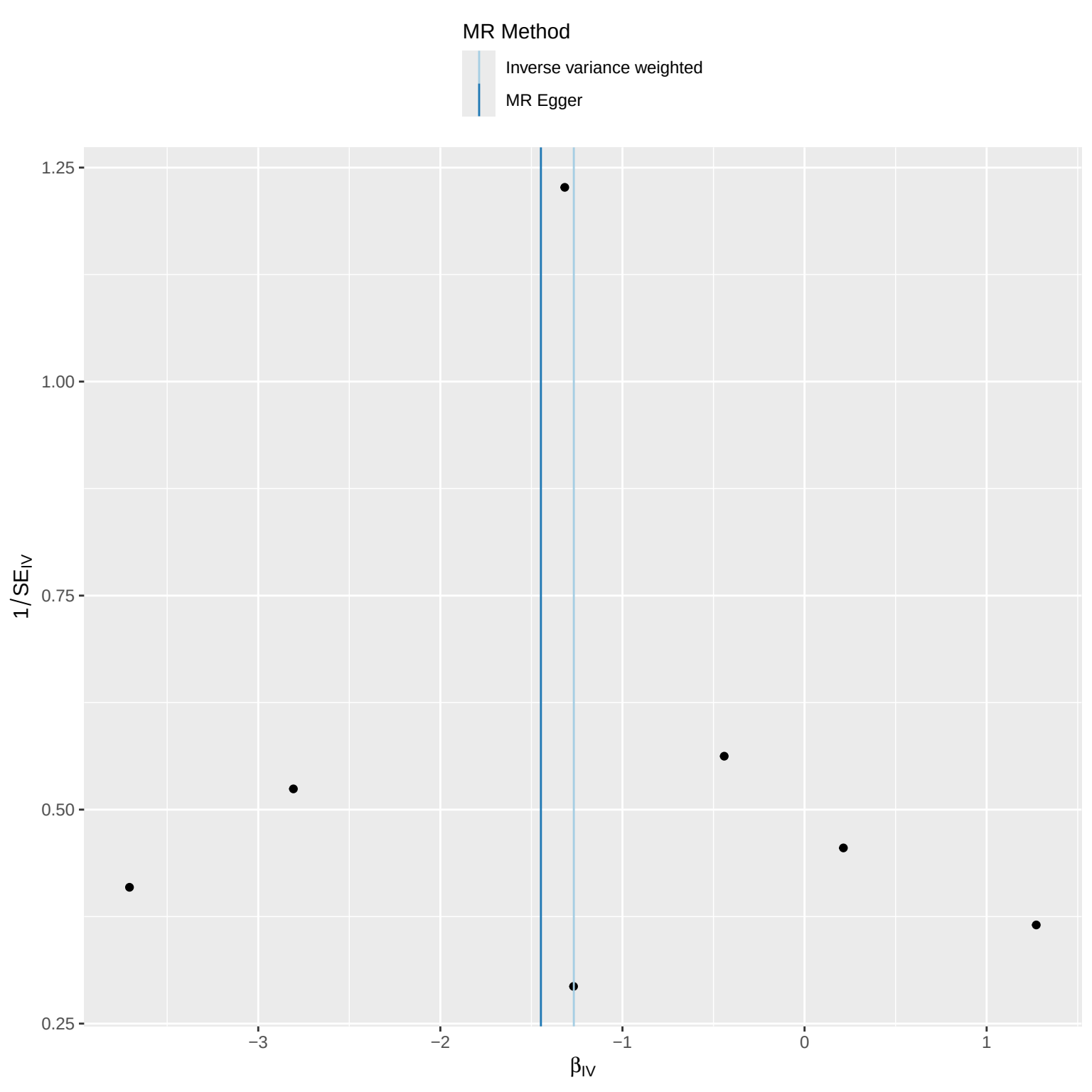

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

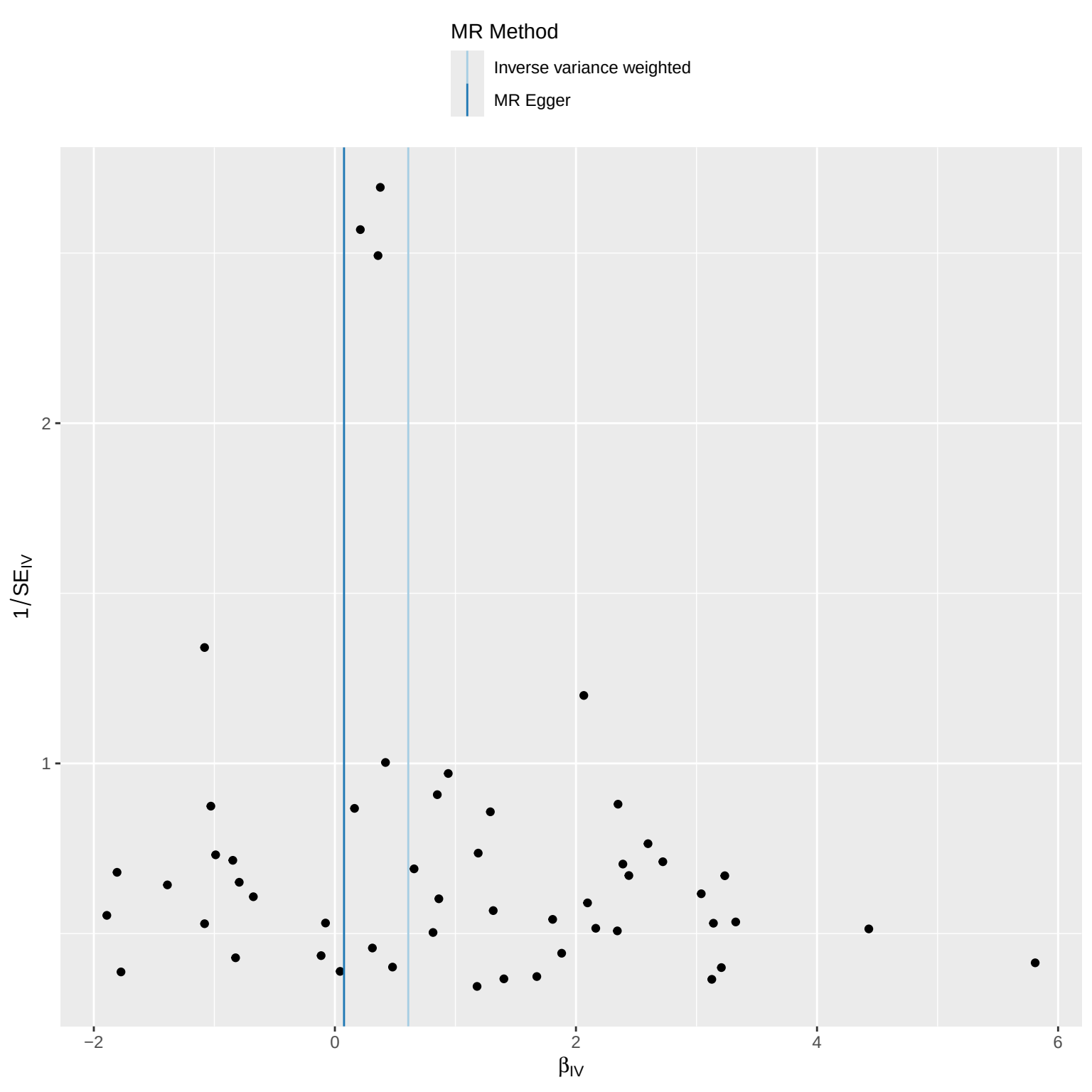

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

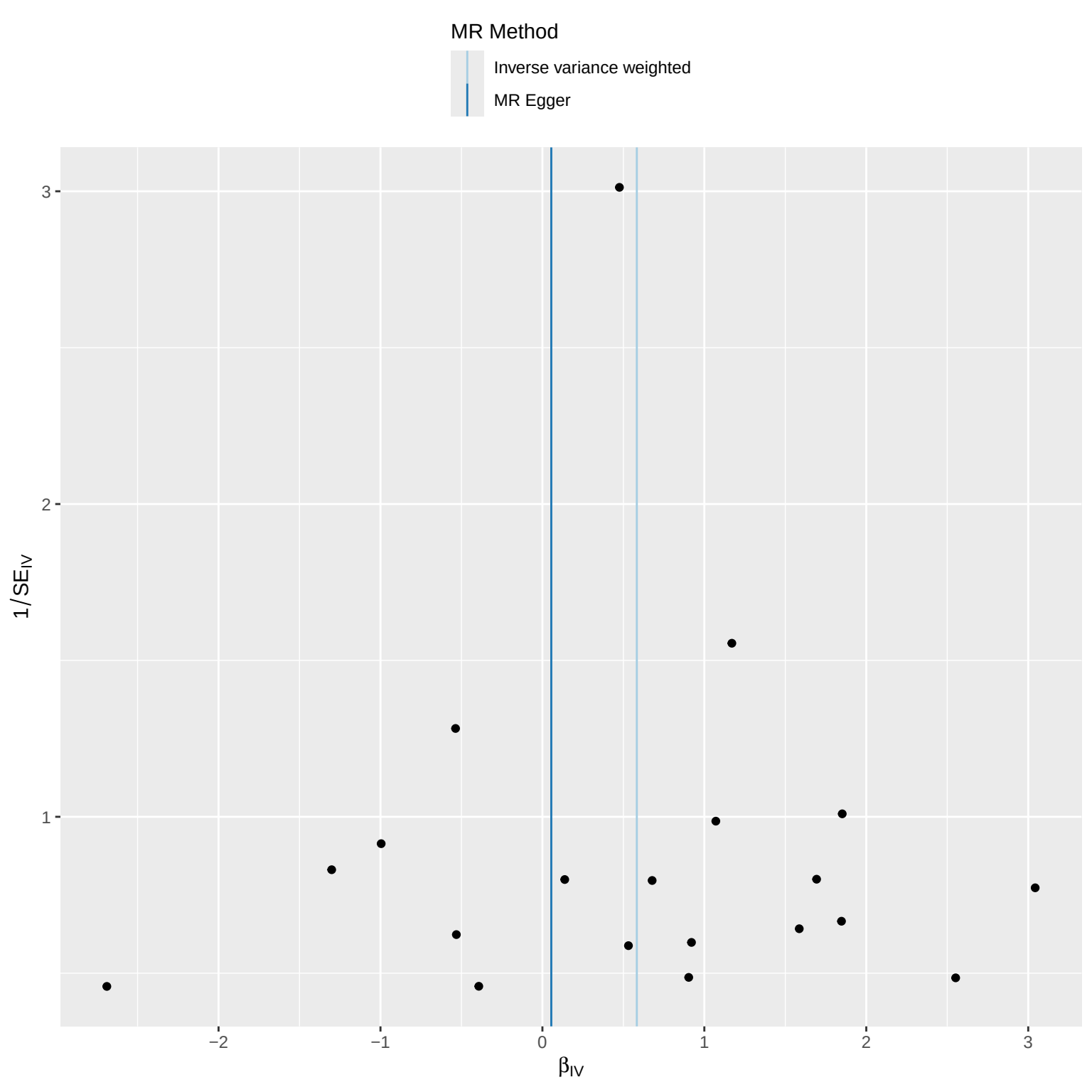

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
β_IV

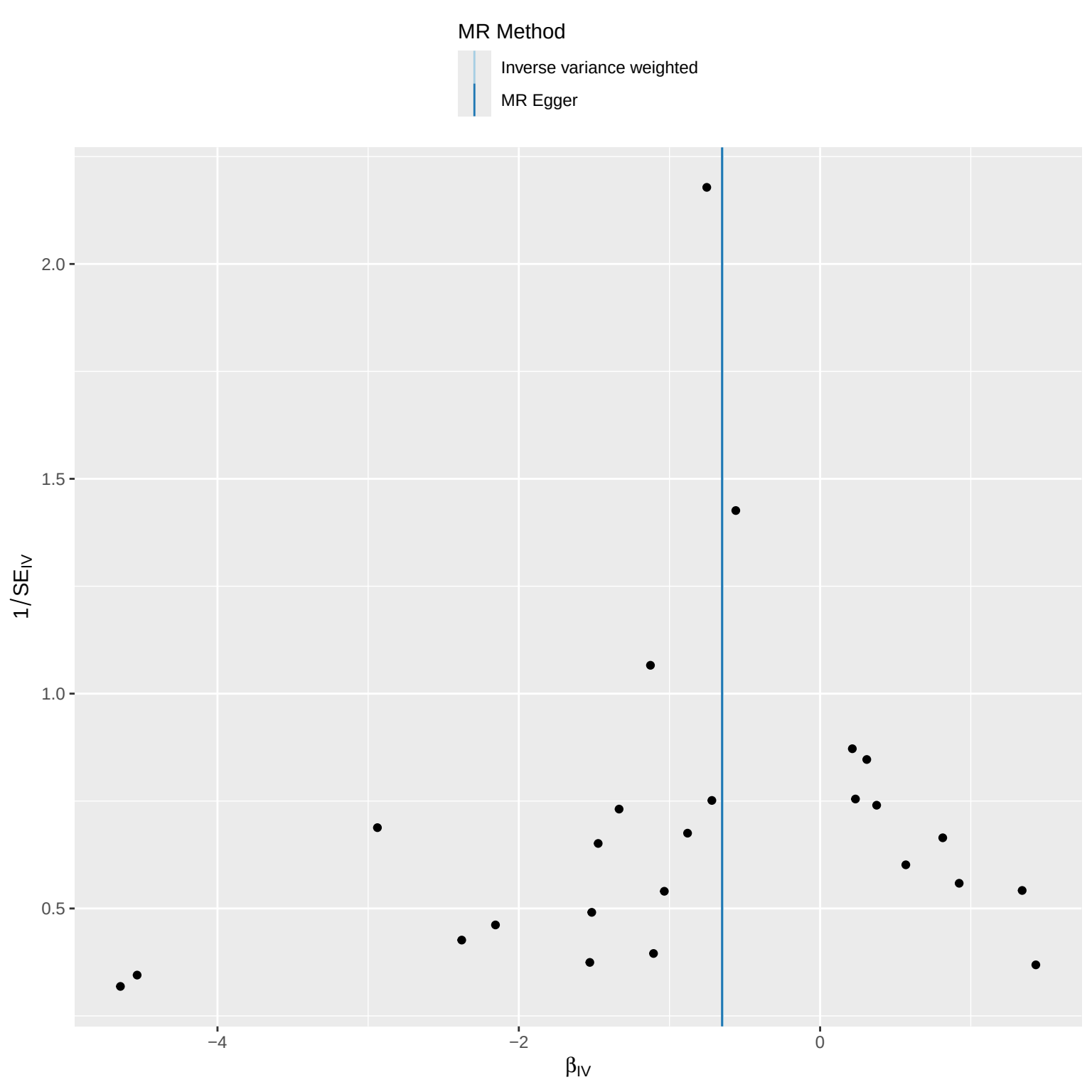

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−7.5
−5.0
−2.5
0.0
β_IV

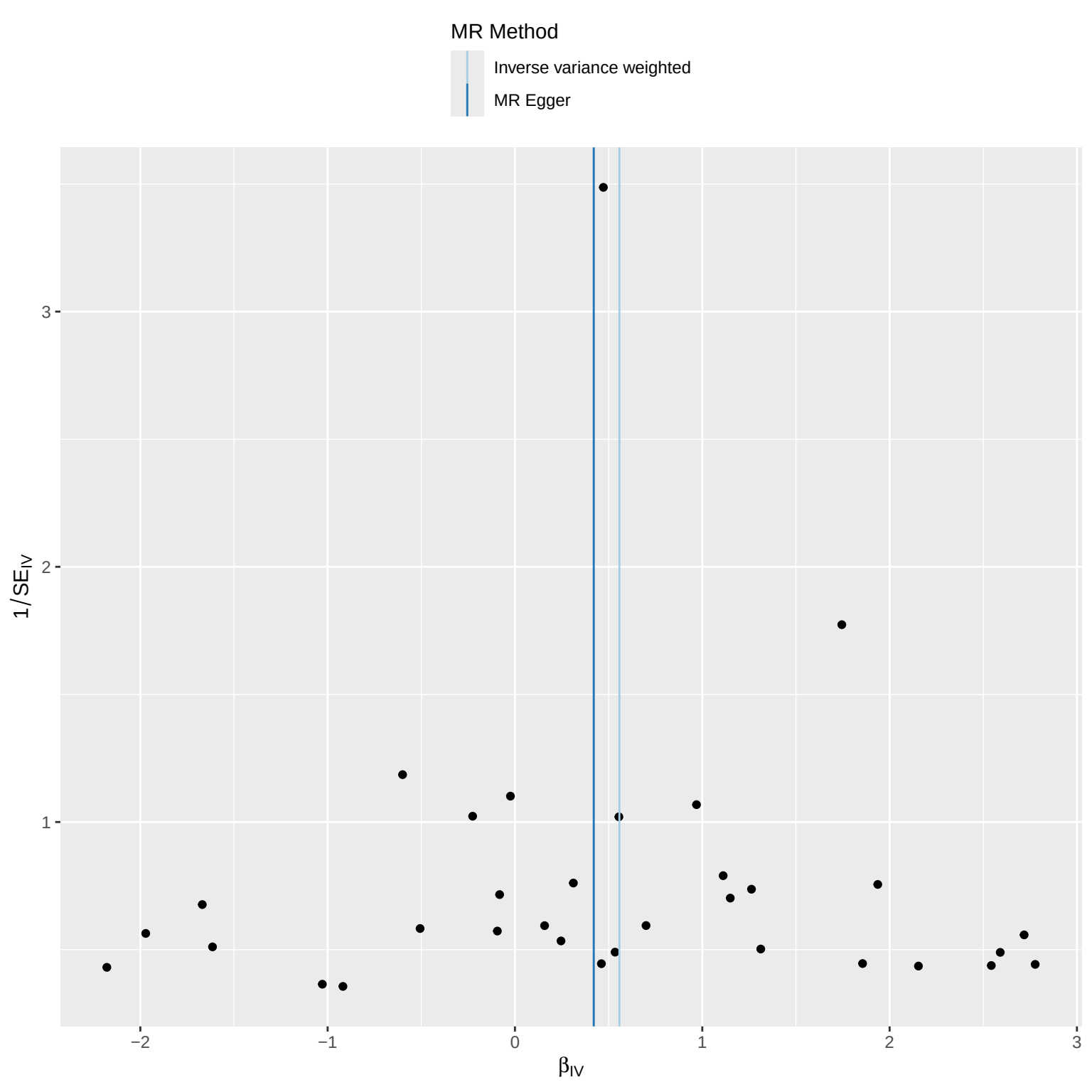

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

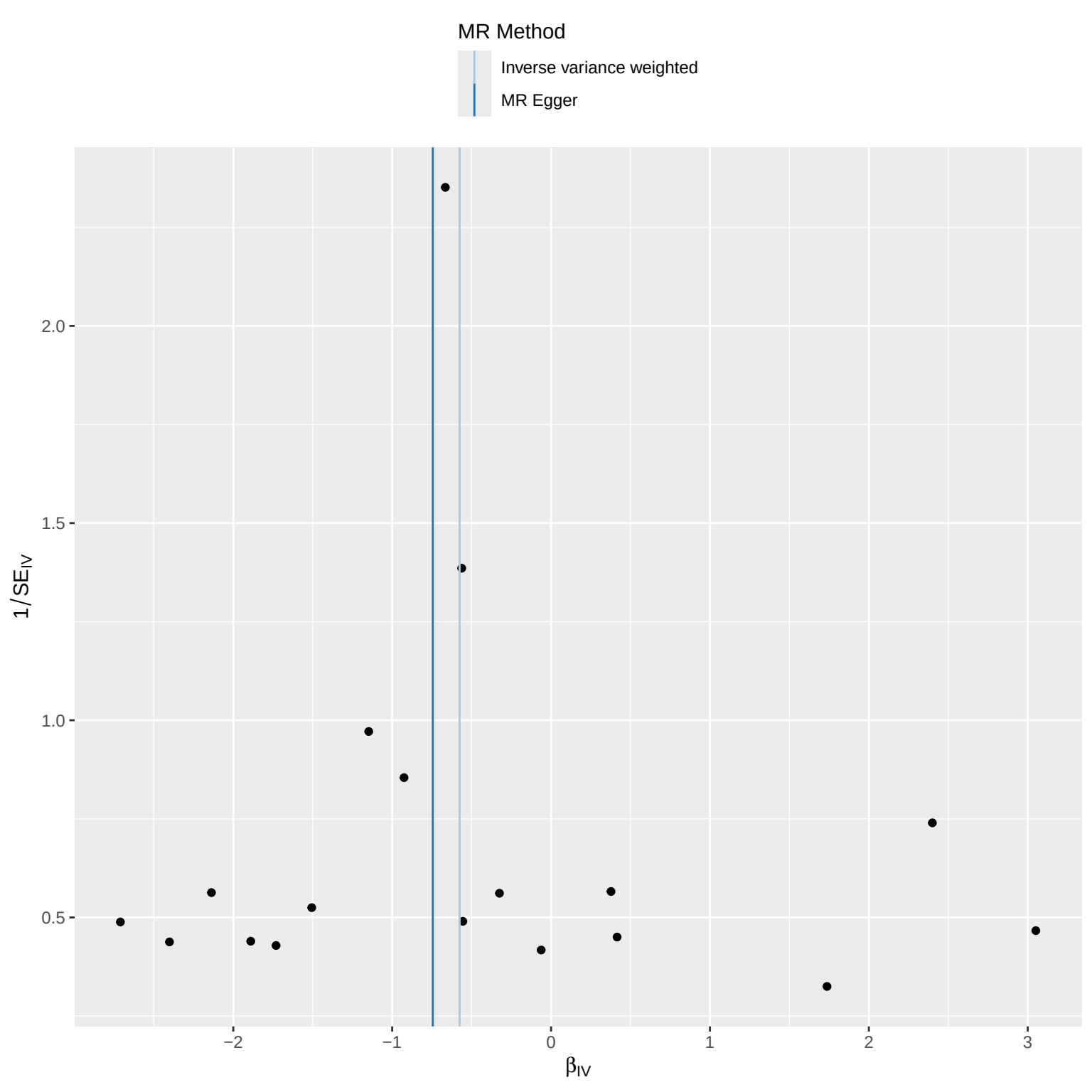

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−3
−2
−1
0
1
β_IV

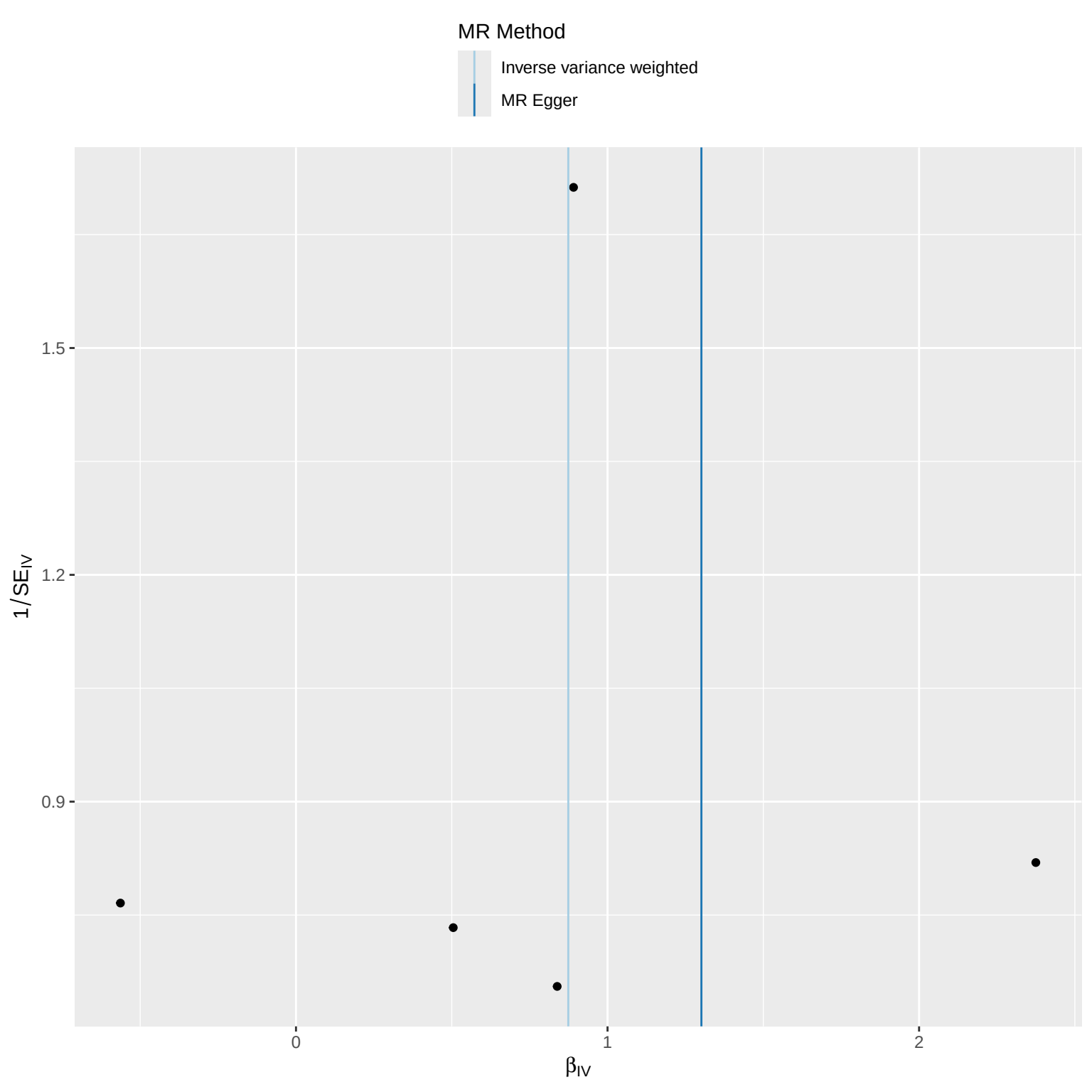

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
6
β_IV

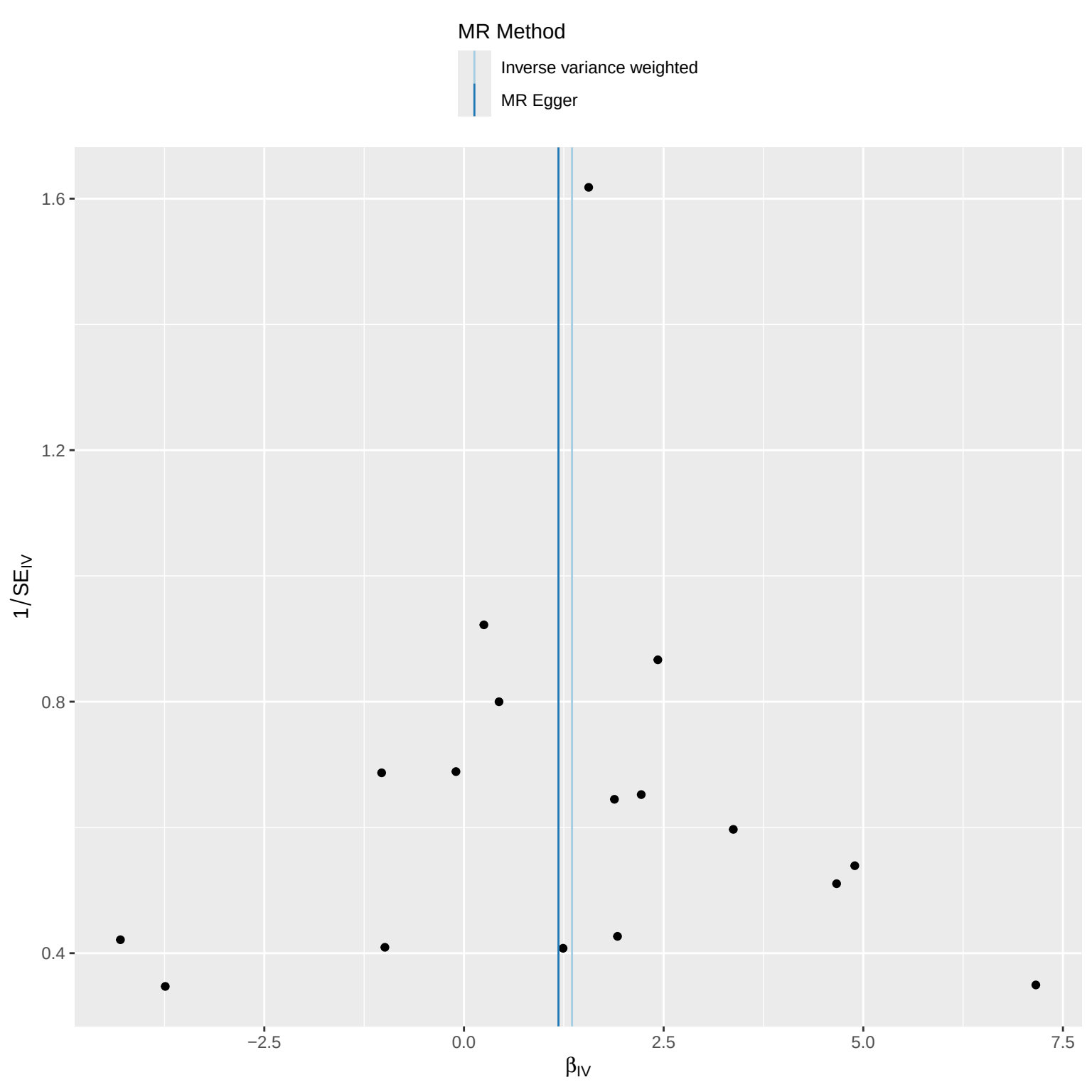

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

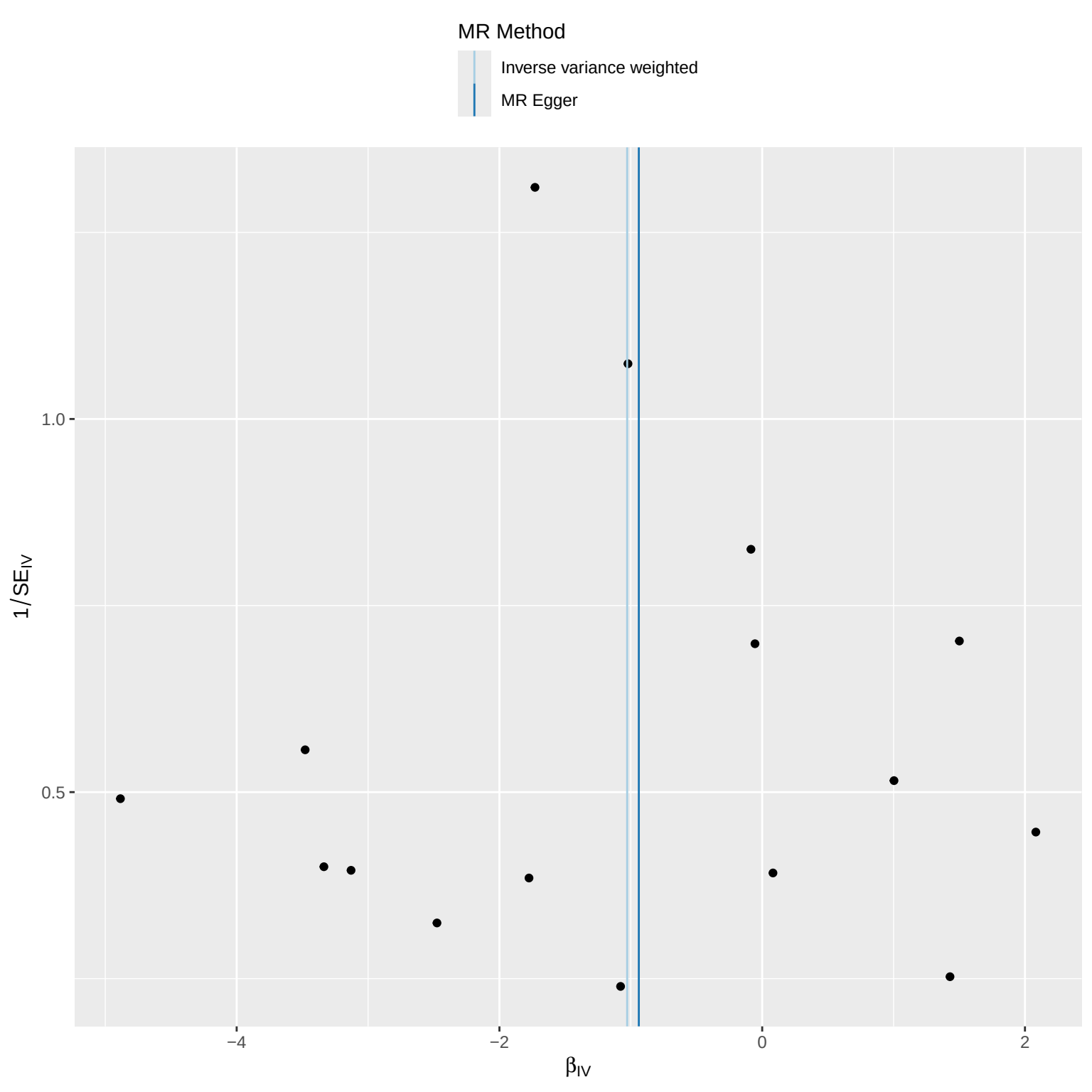

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

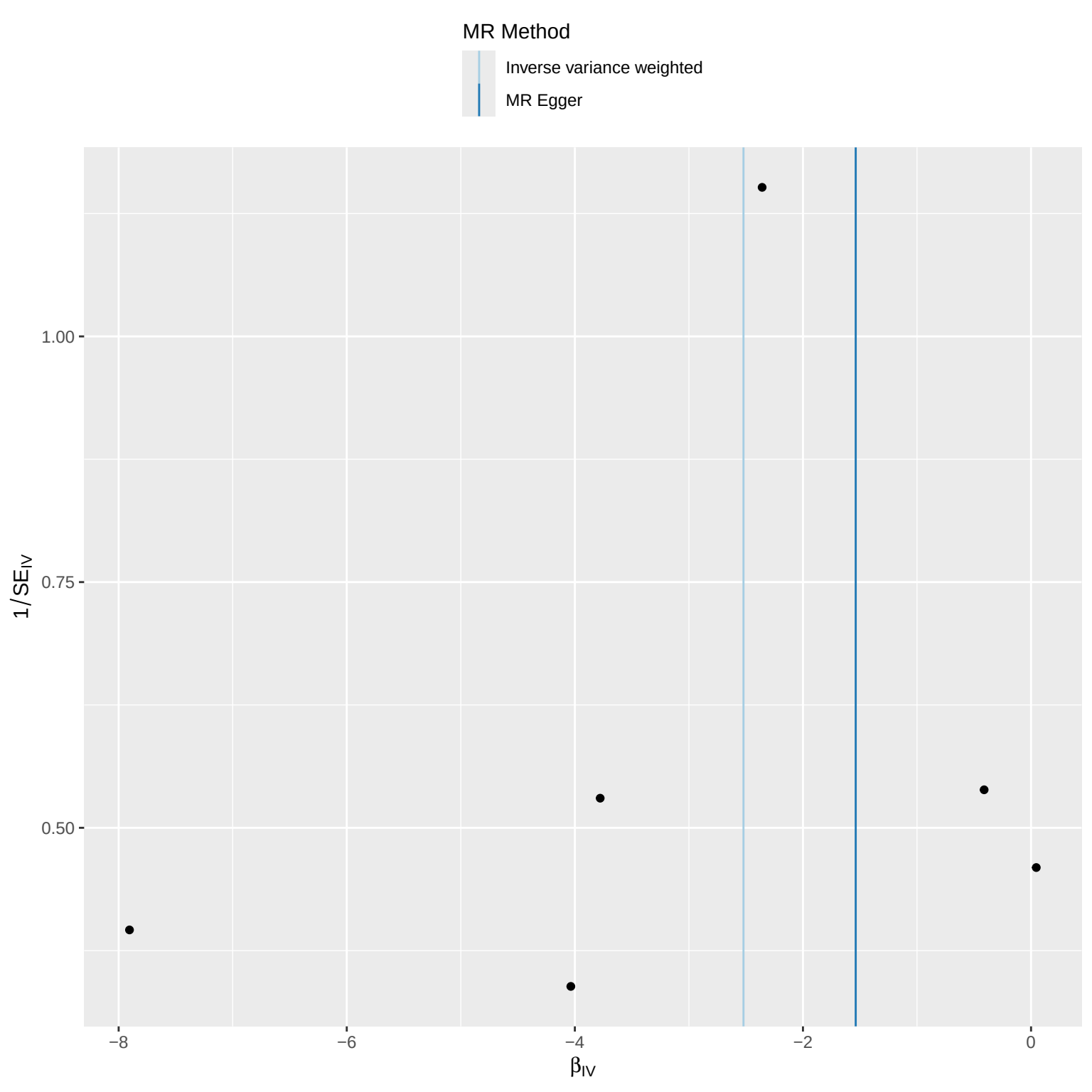

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

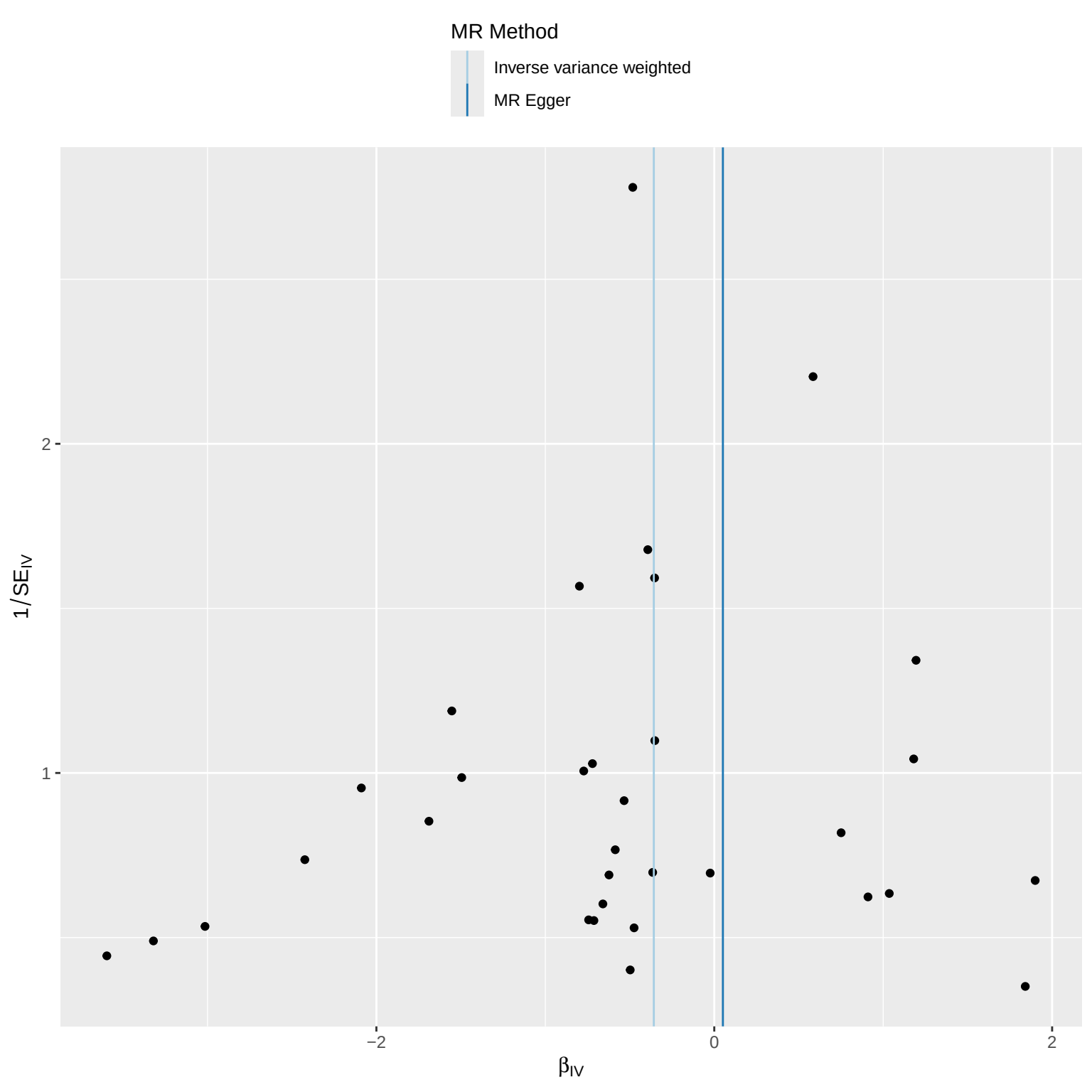

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

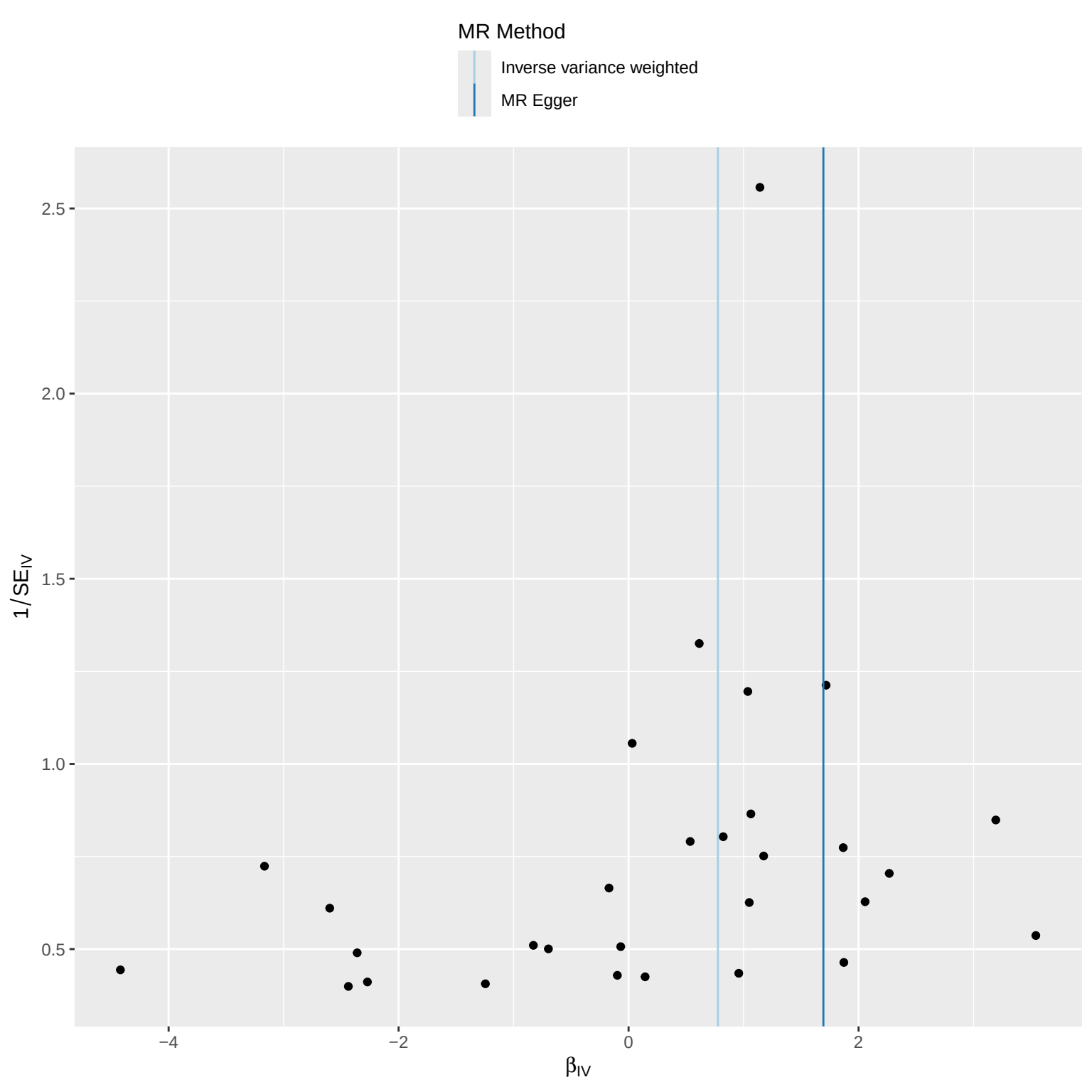

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
1/SE_IV
0
1
2
β_IV

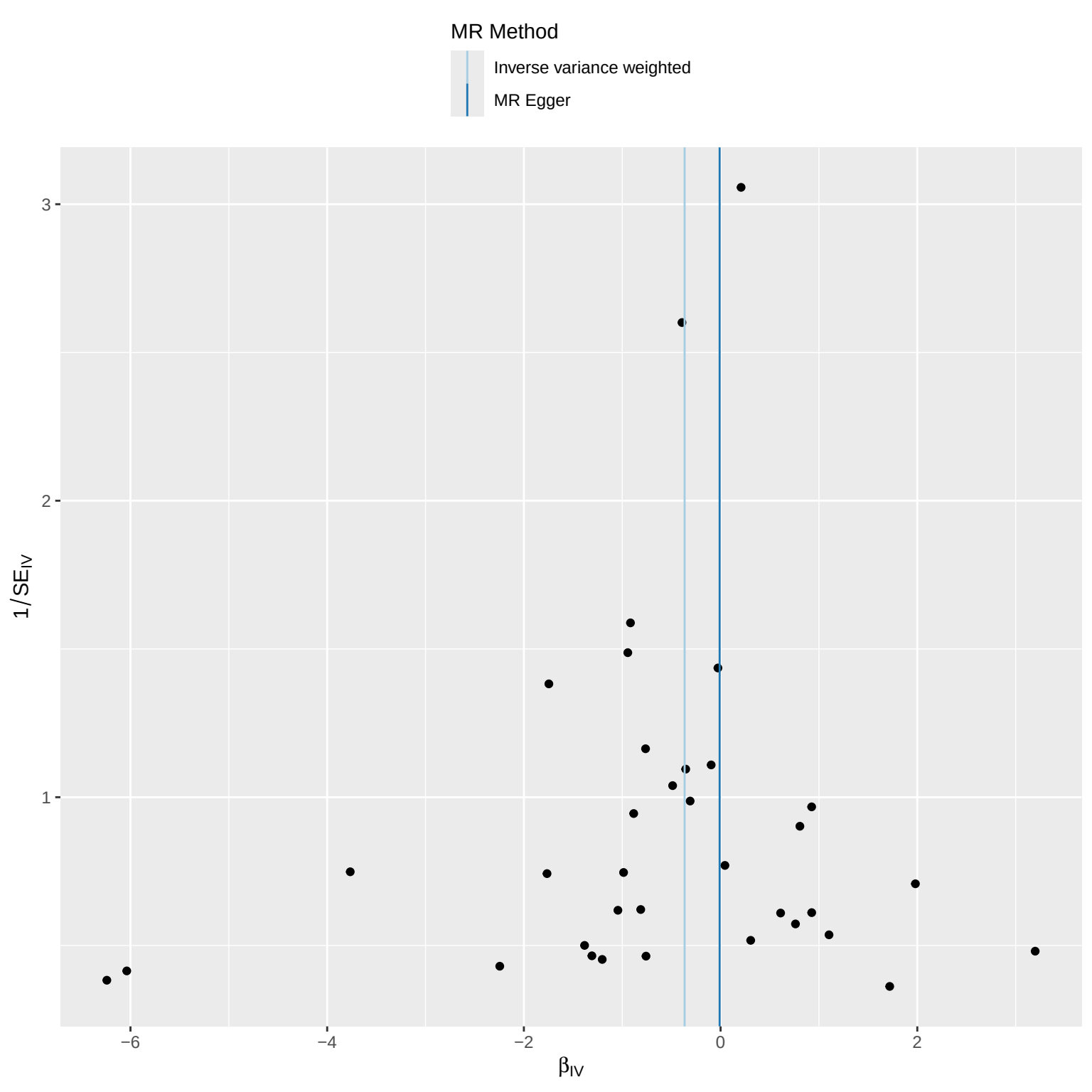

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2.5
0.0
2.5
5.0
7.5
β_IV

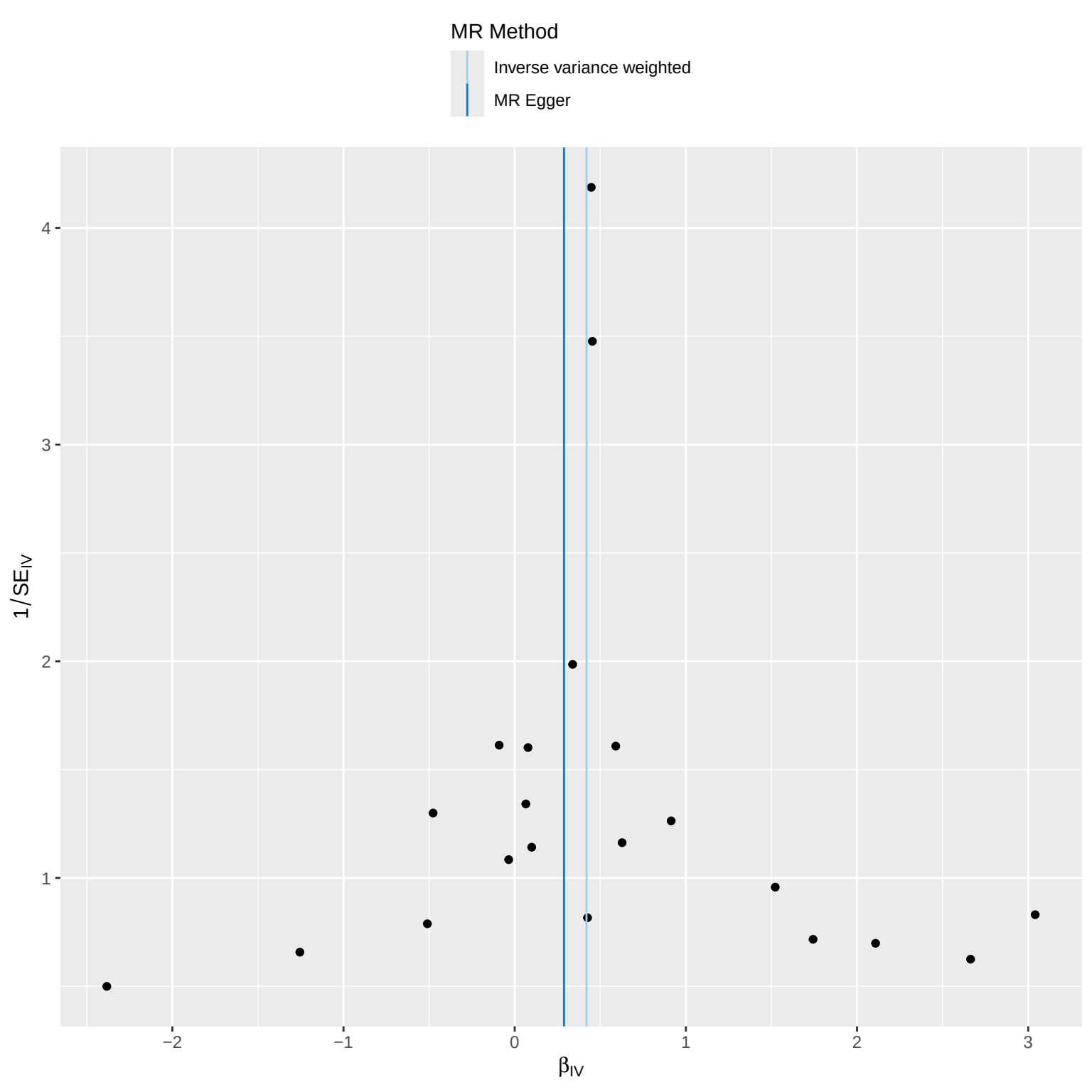

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

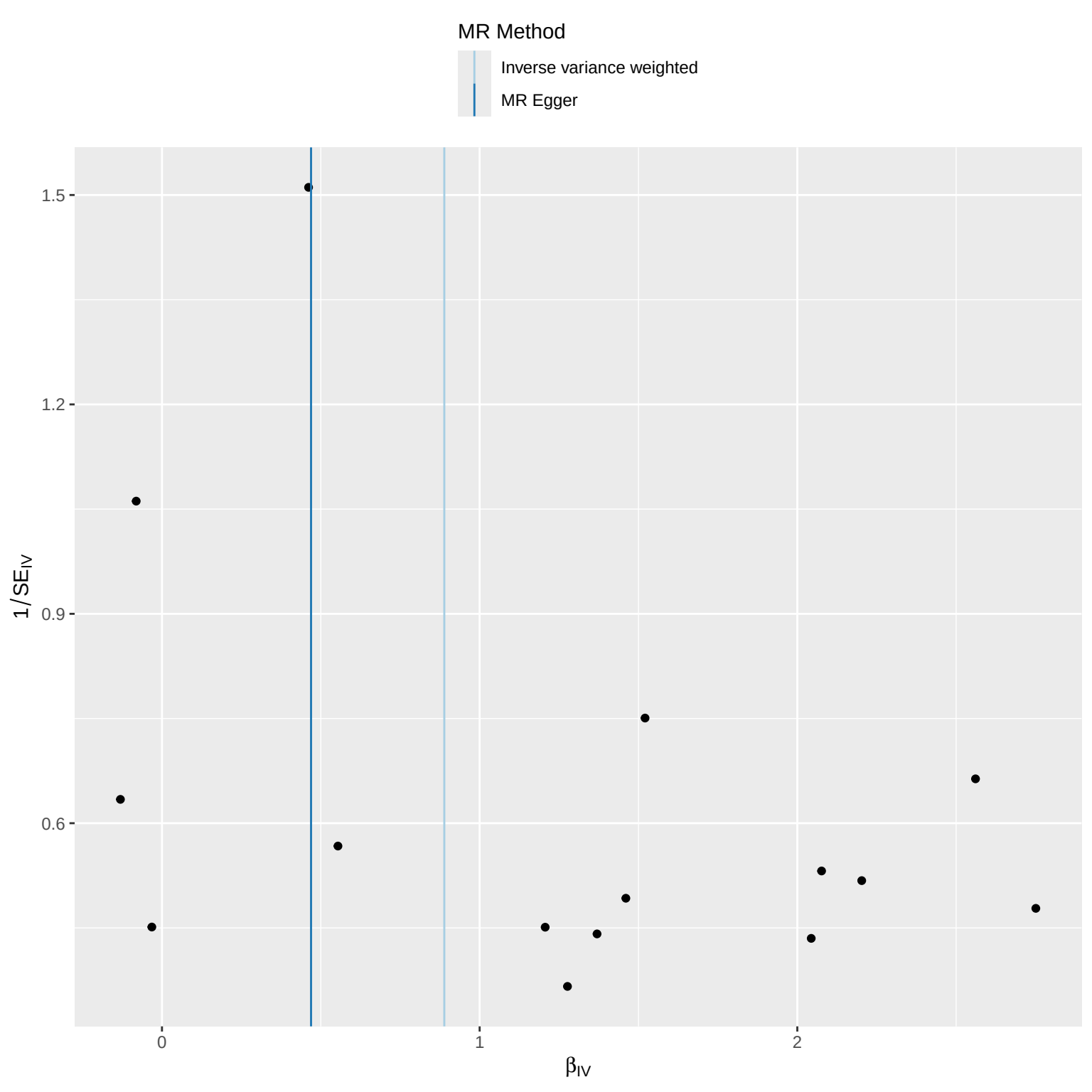

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−8
−6
−4
−2
0
β_IV

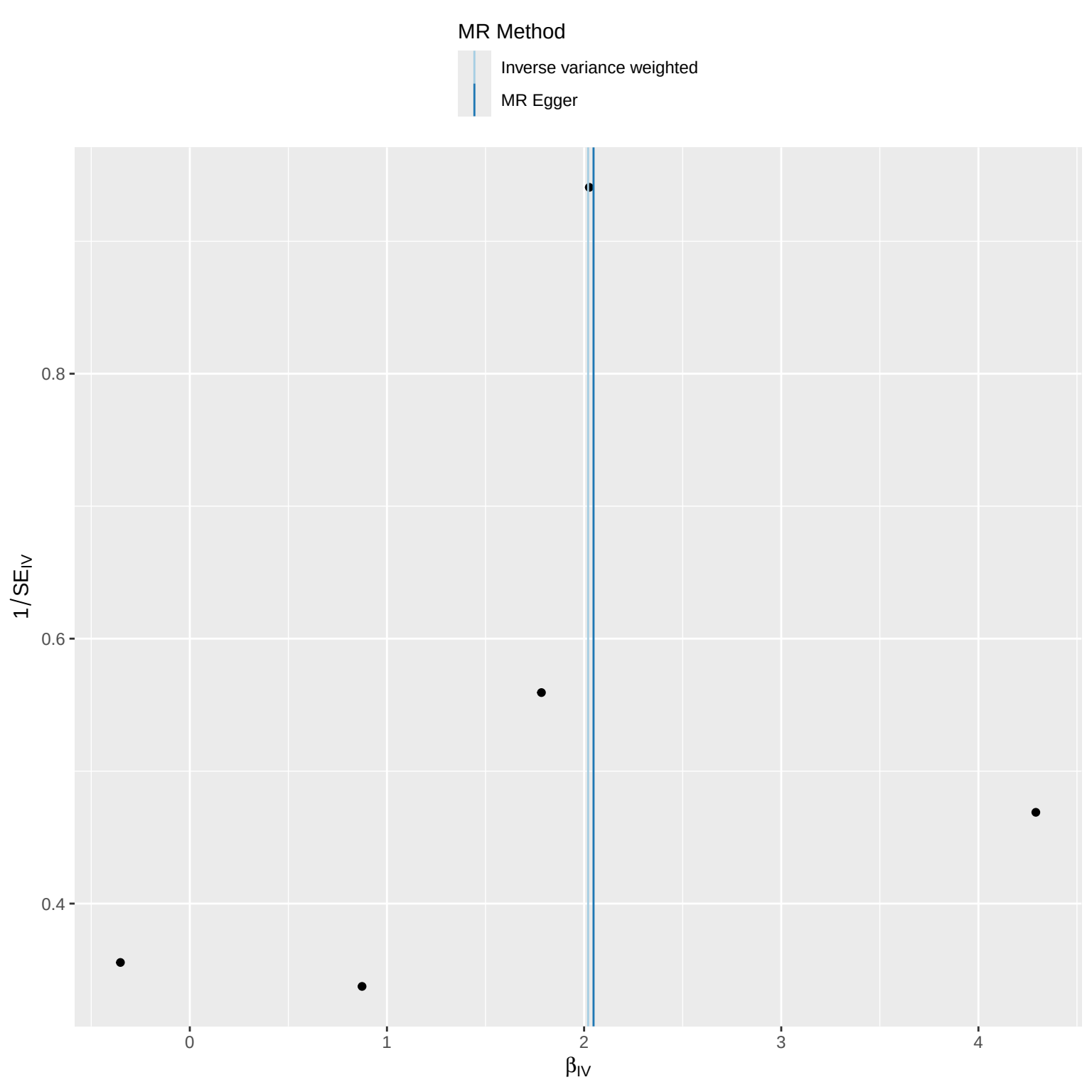

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

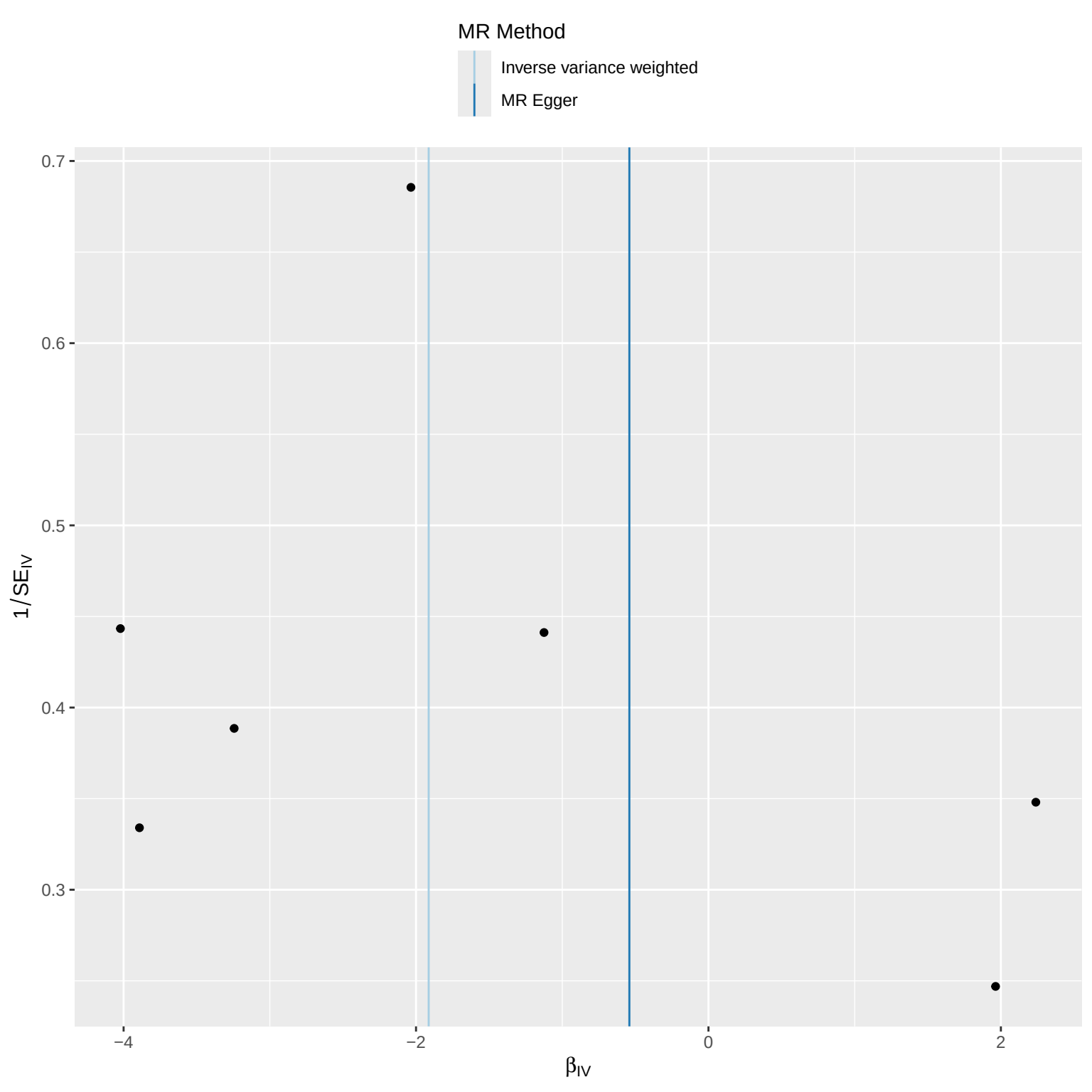

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

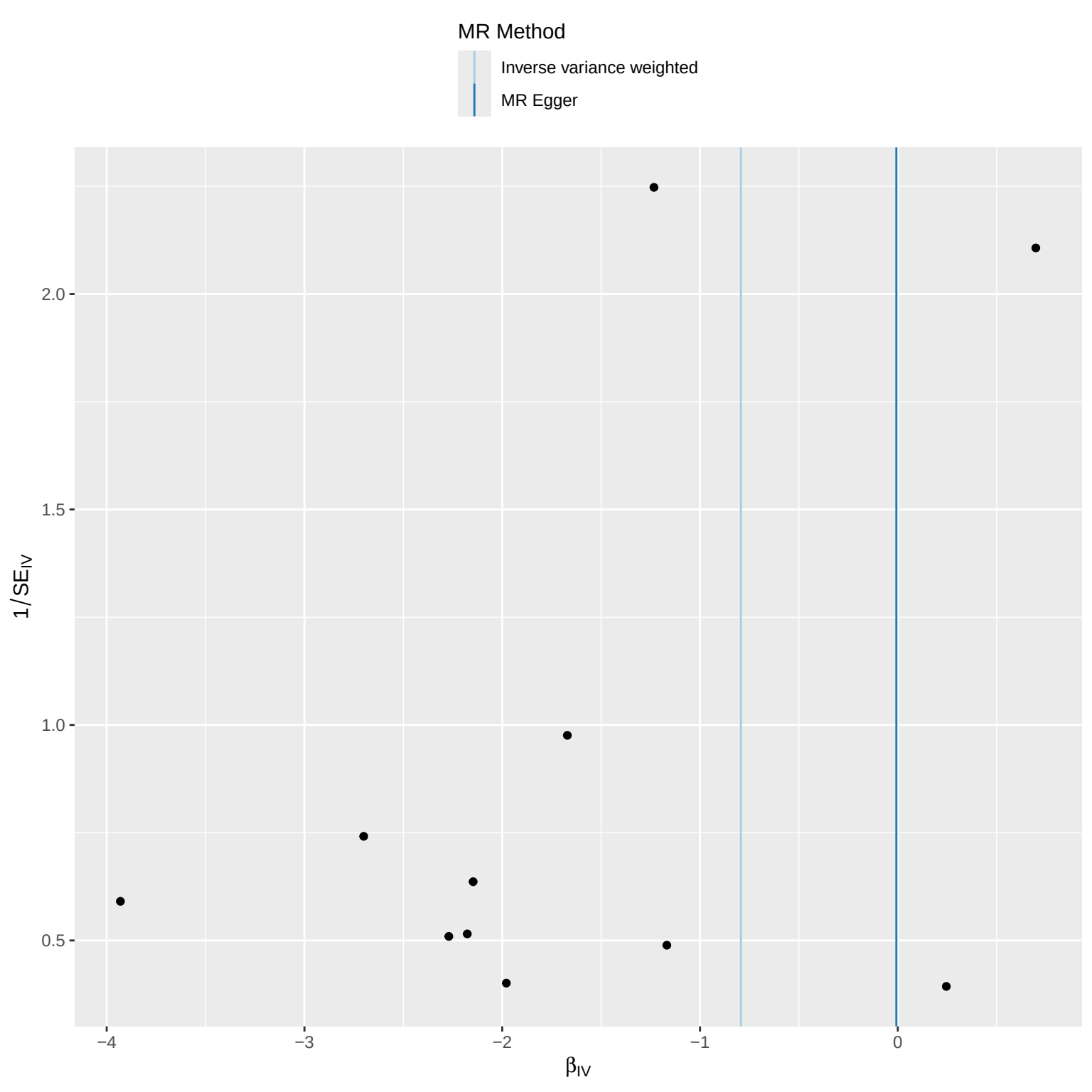

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

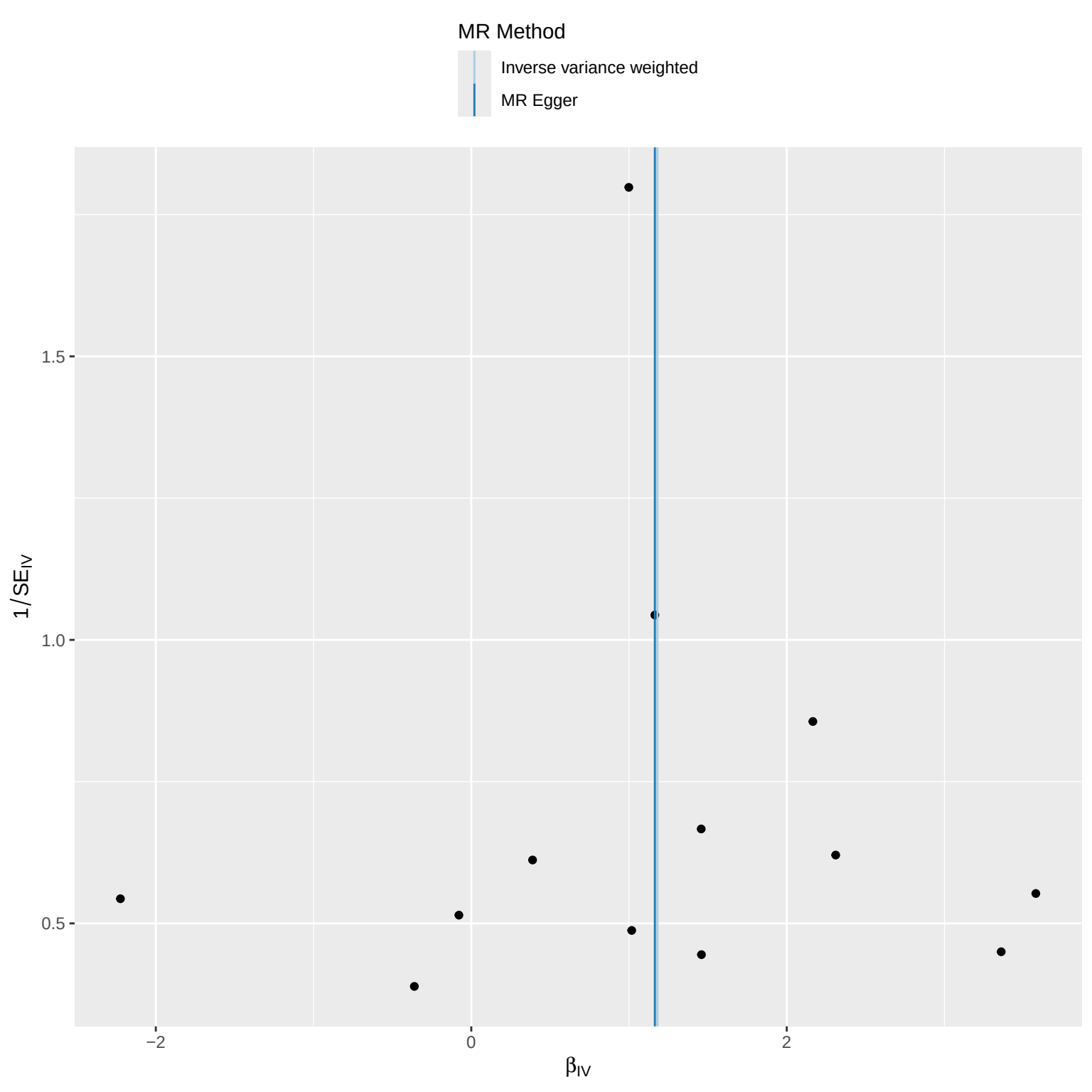

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

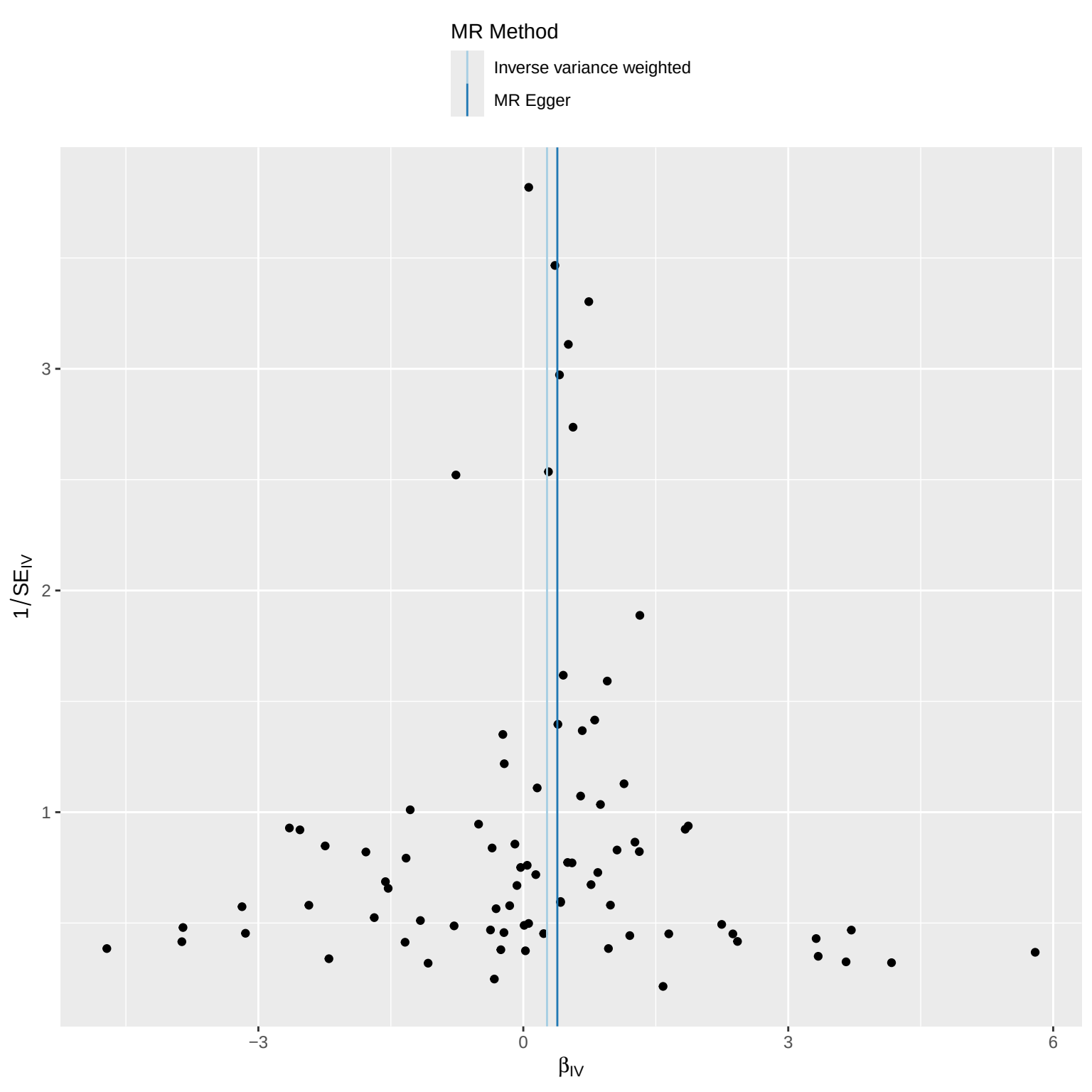

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0
1
2
β_IV

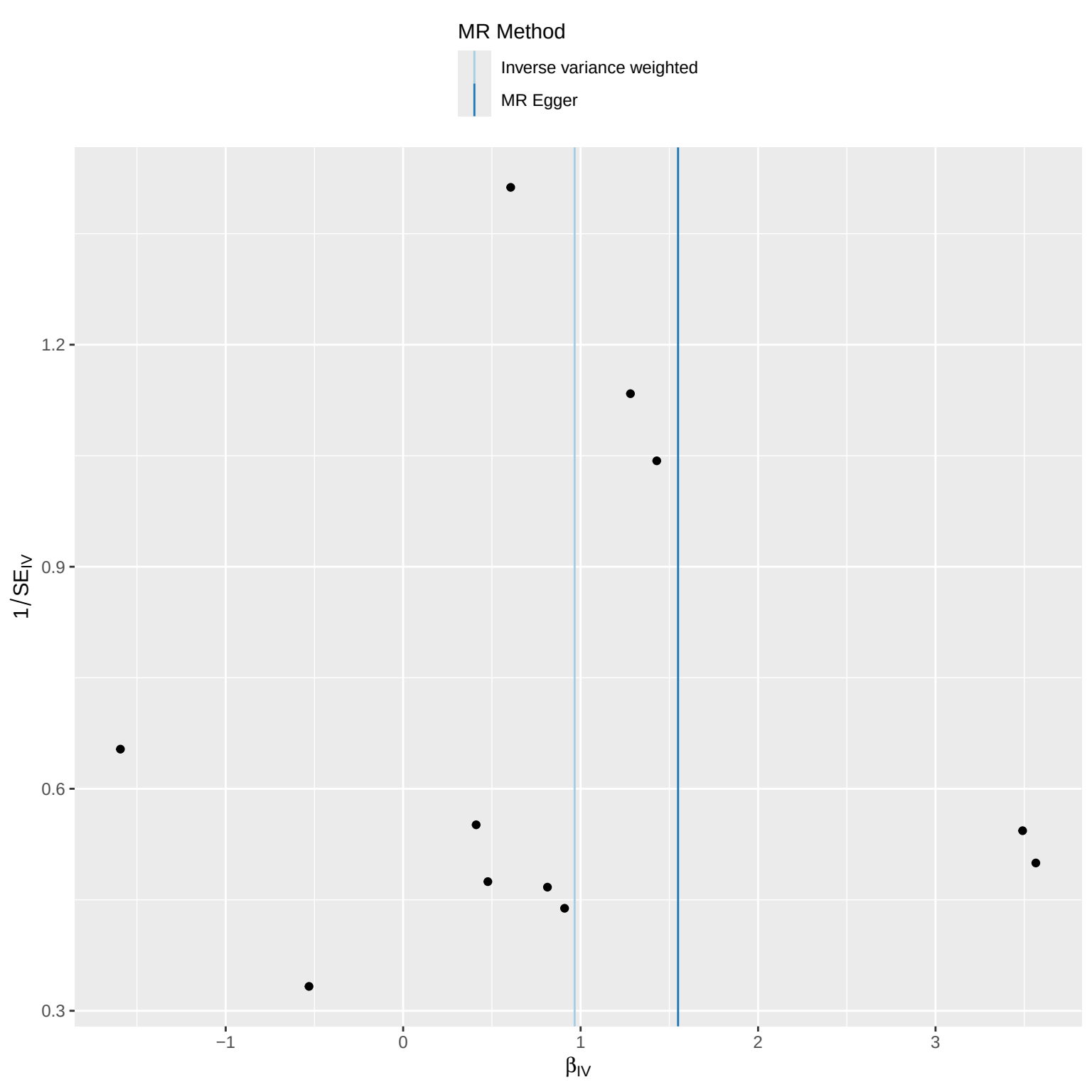

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
0
1
2
3
4
β_IV

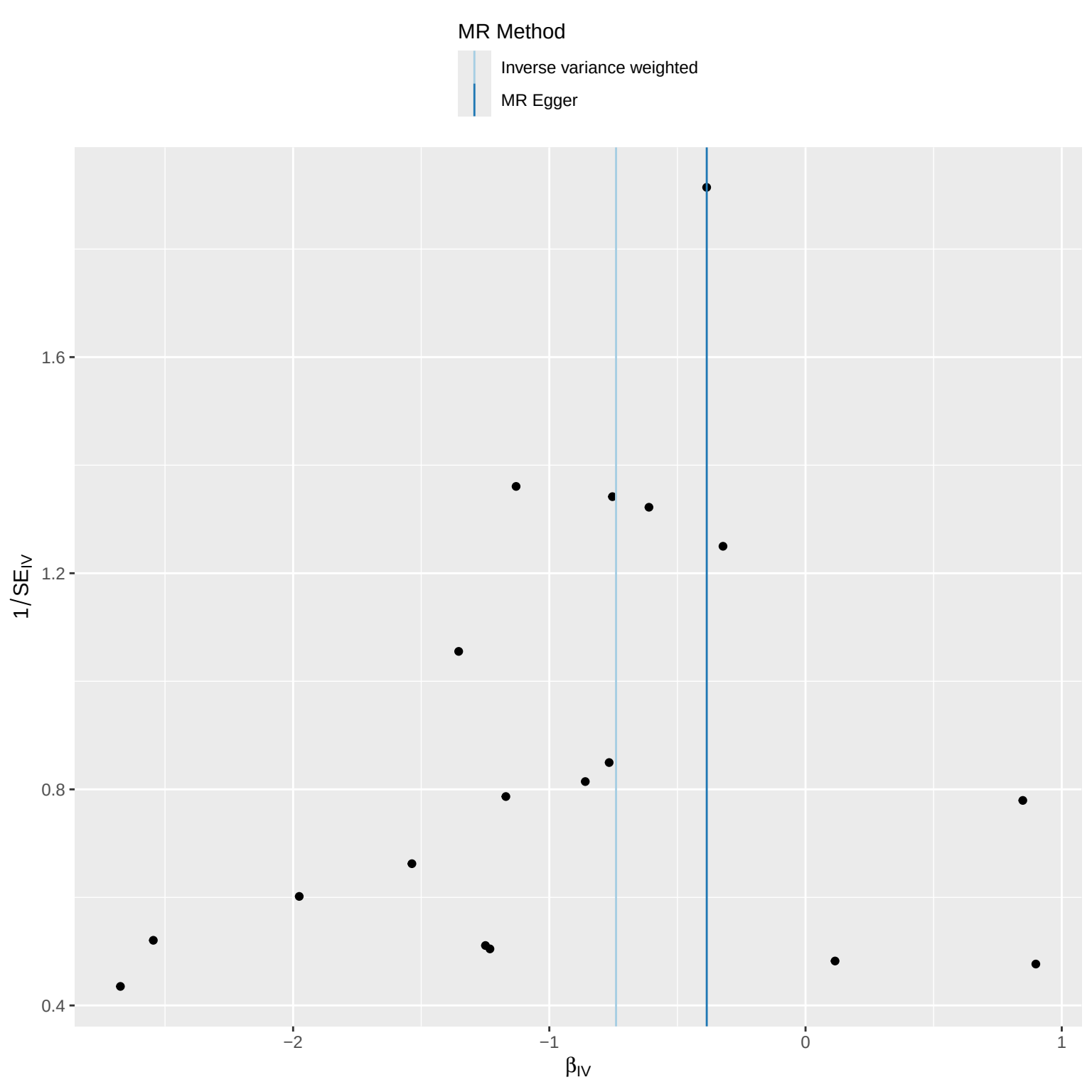

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
0.3
1/SE_IV
−4
−2
0
2
β_IV

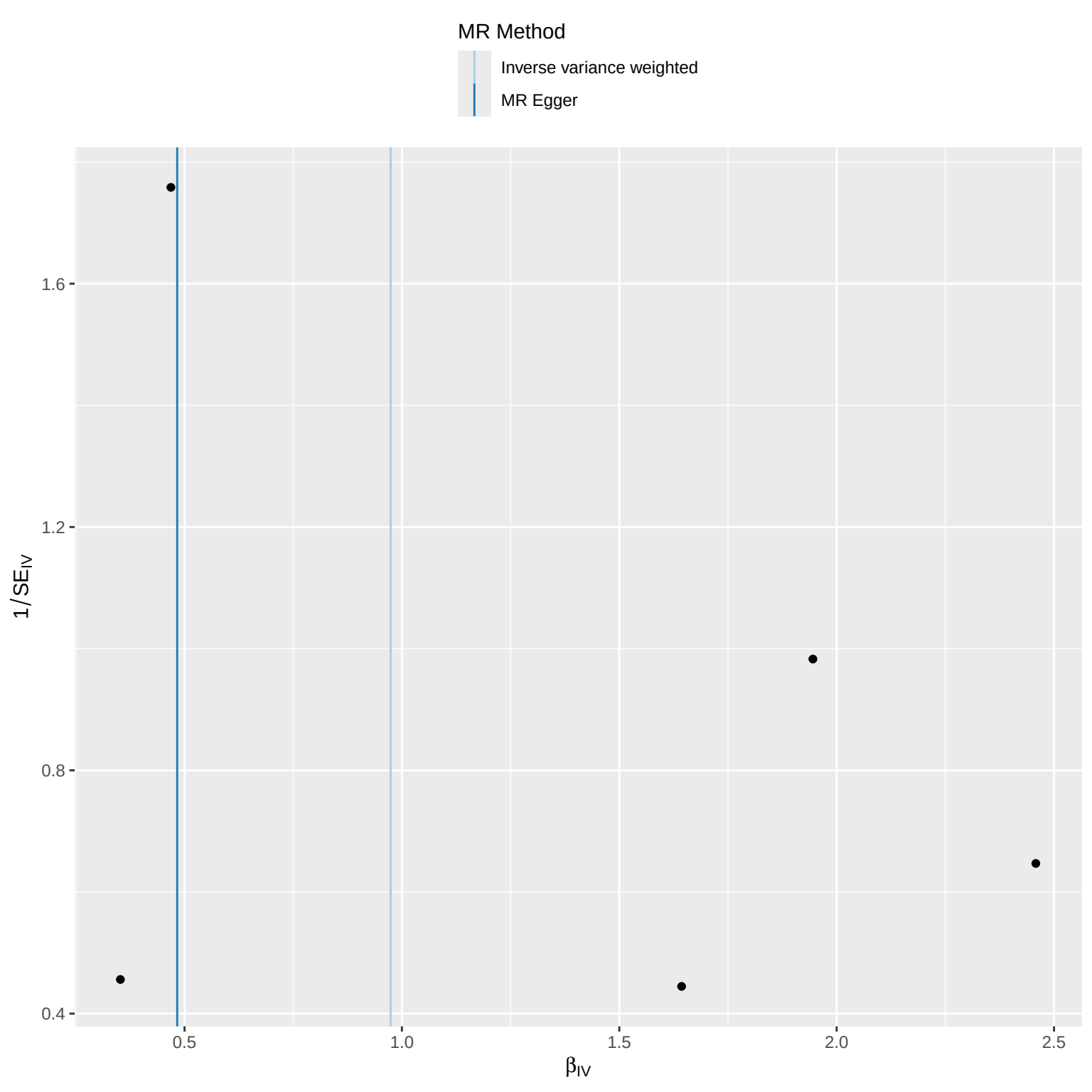

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

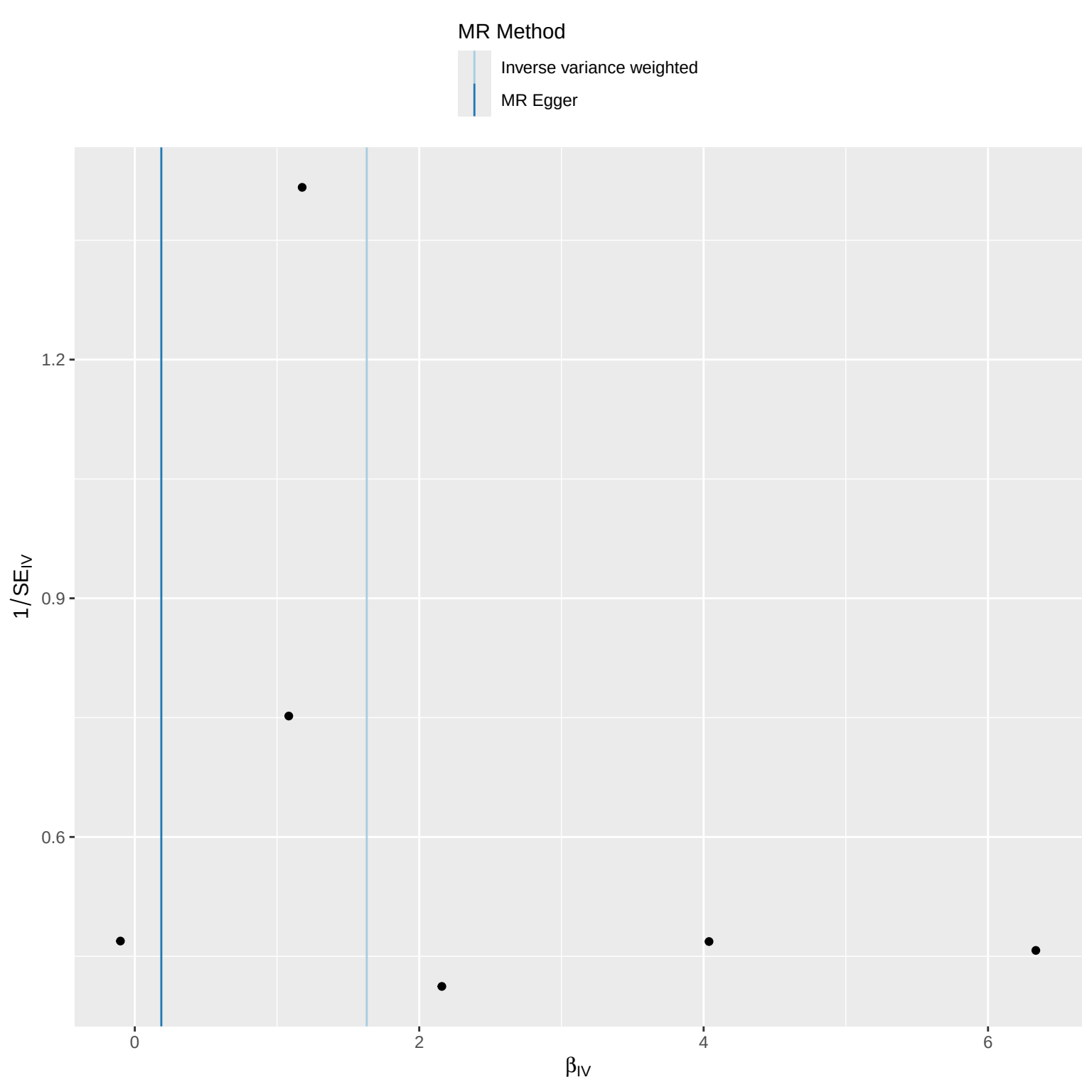

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

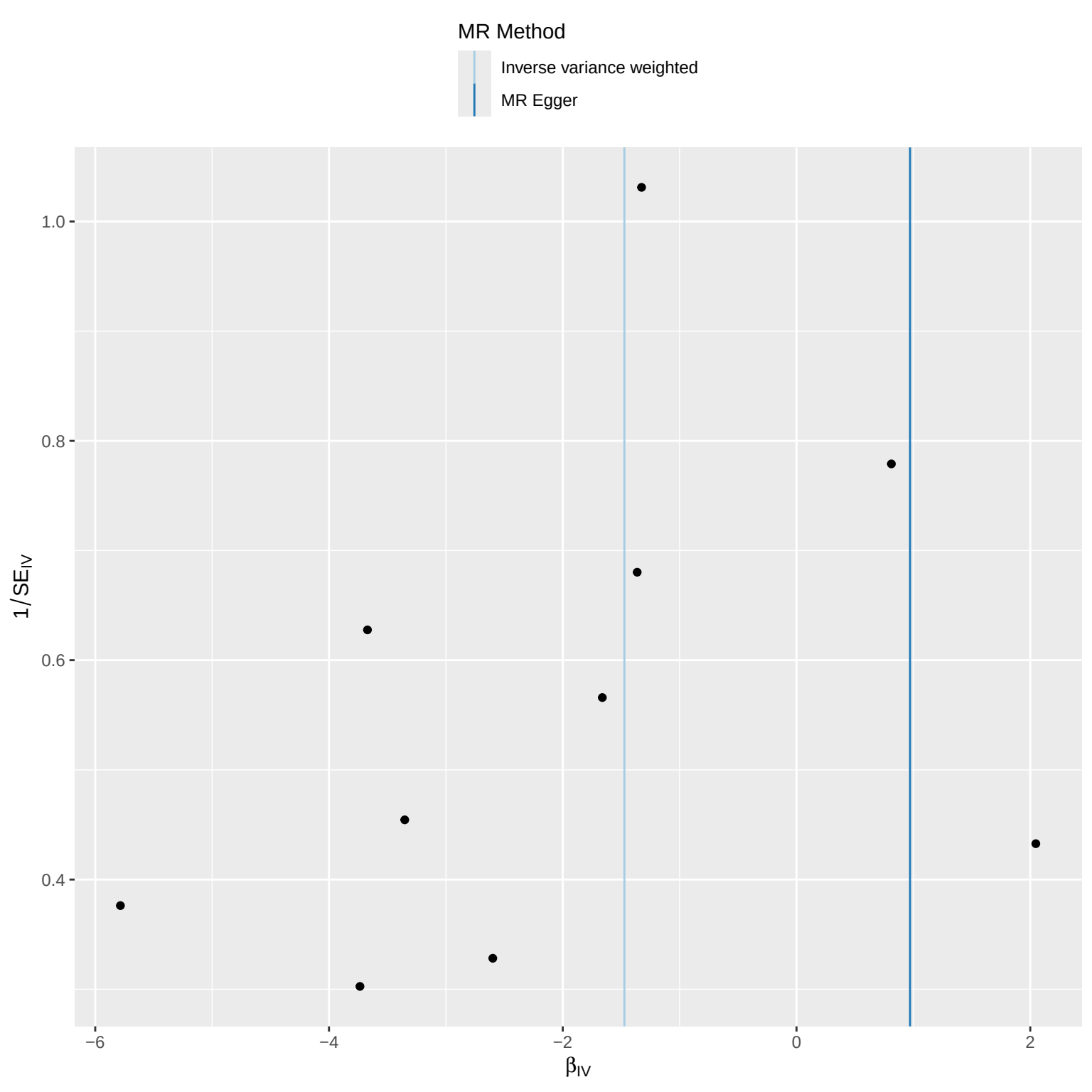

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
0
3
6
β_IV

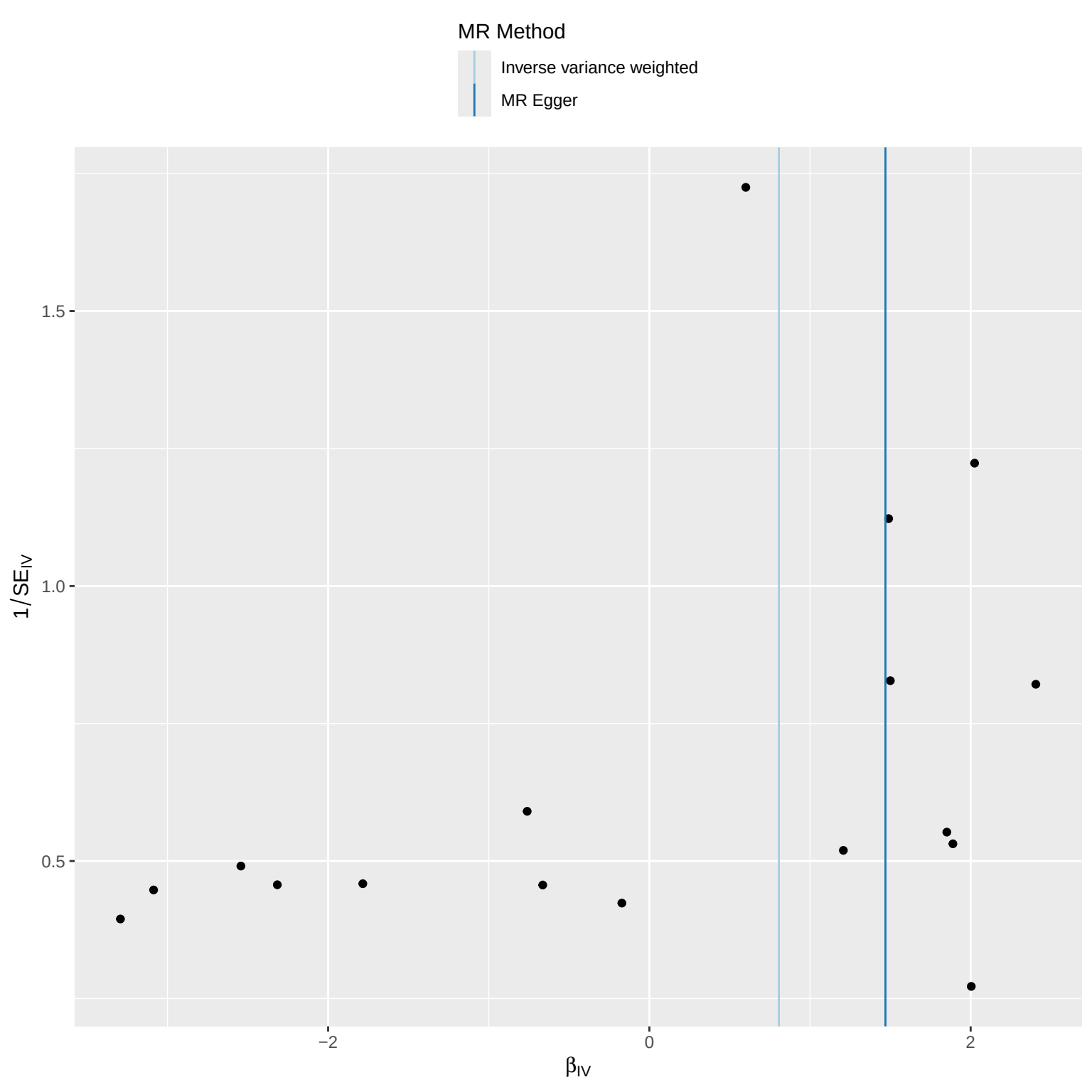

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−1
0
1
2
3
β_IV

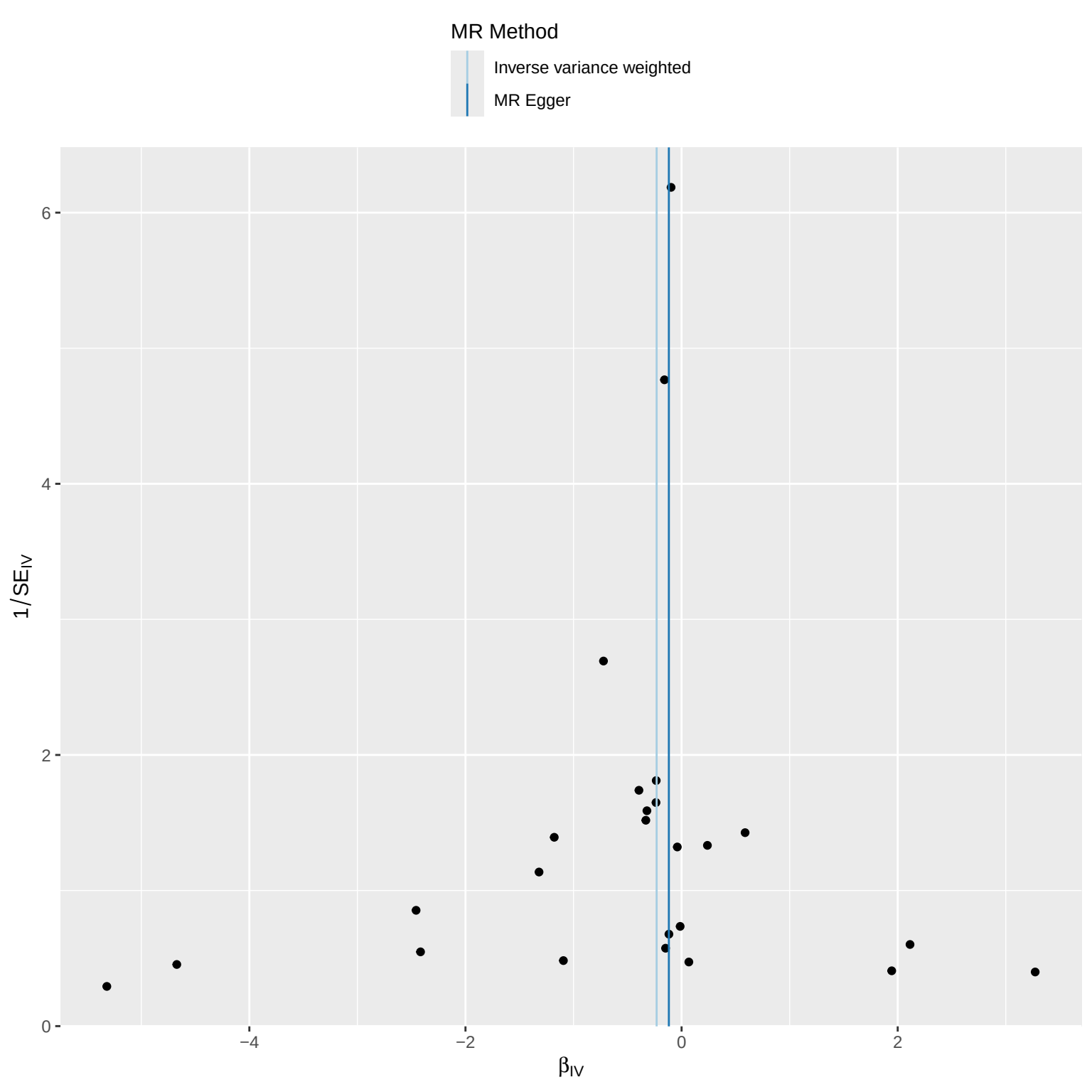

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

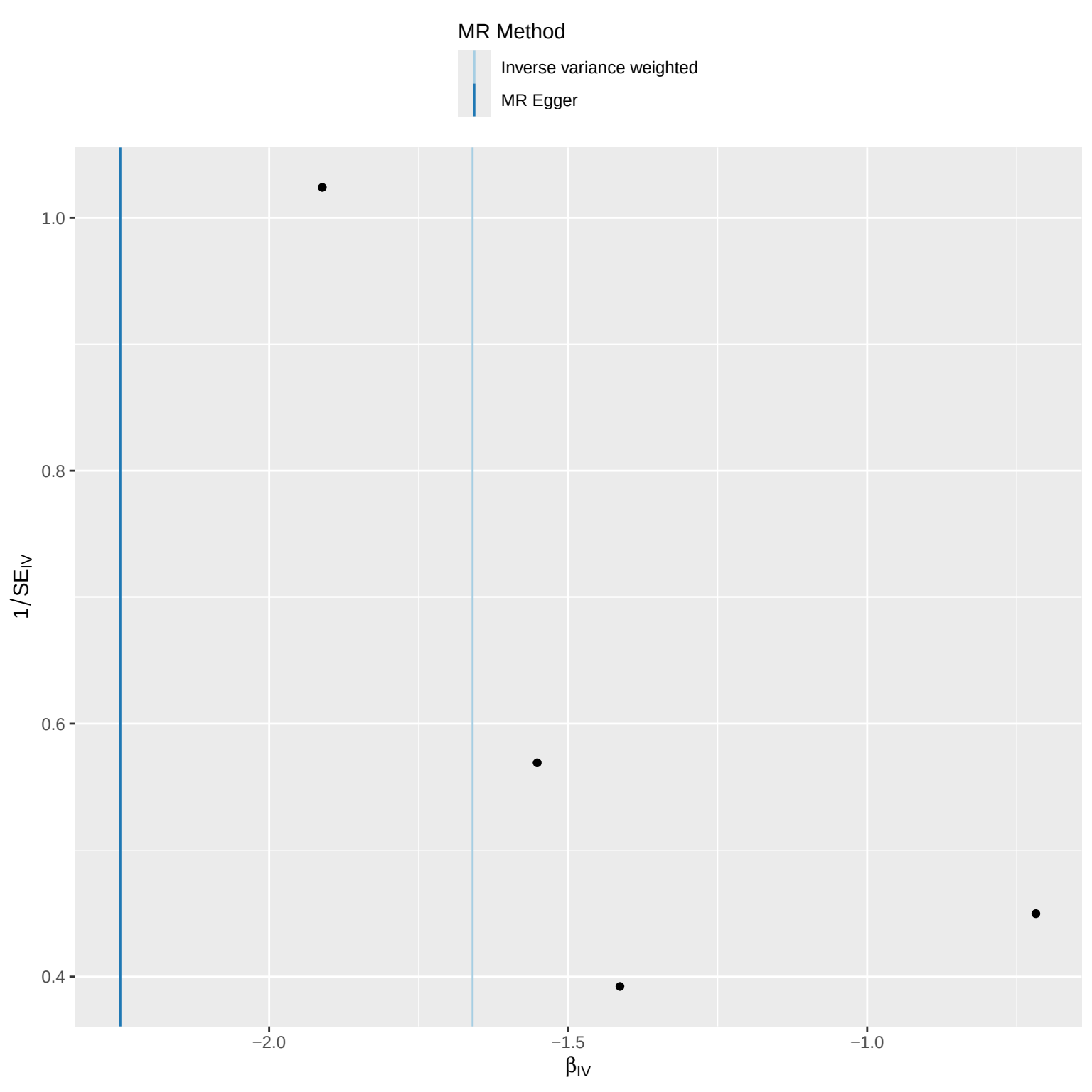

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0.5
1.0
1.5
2.0
2.5
β_IV

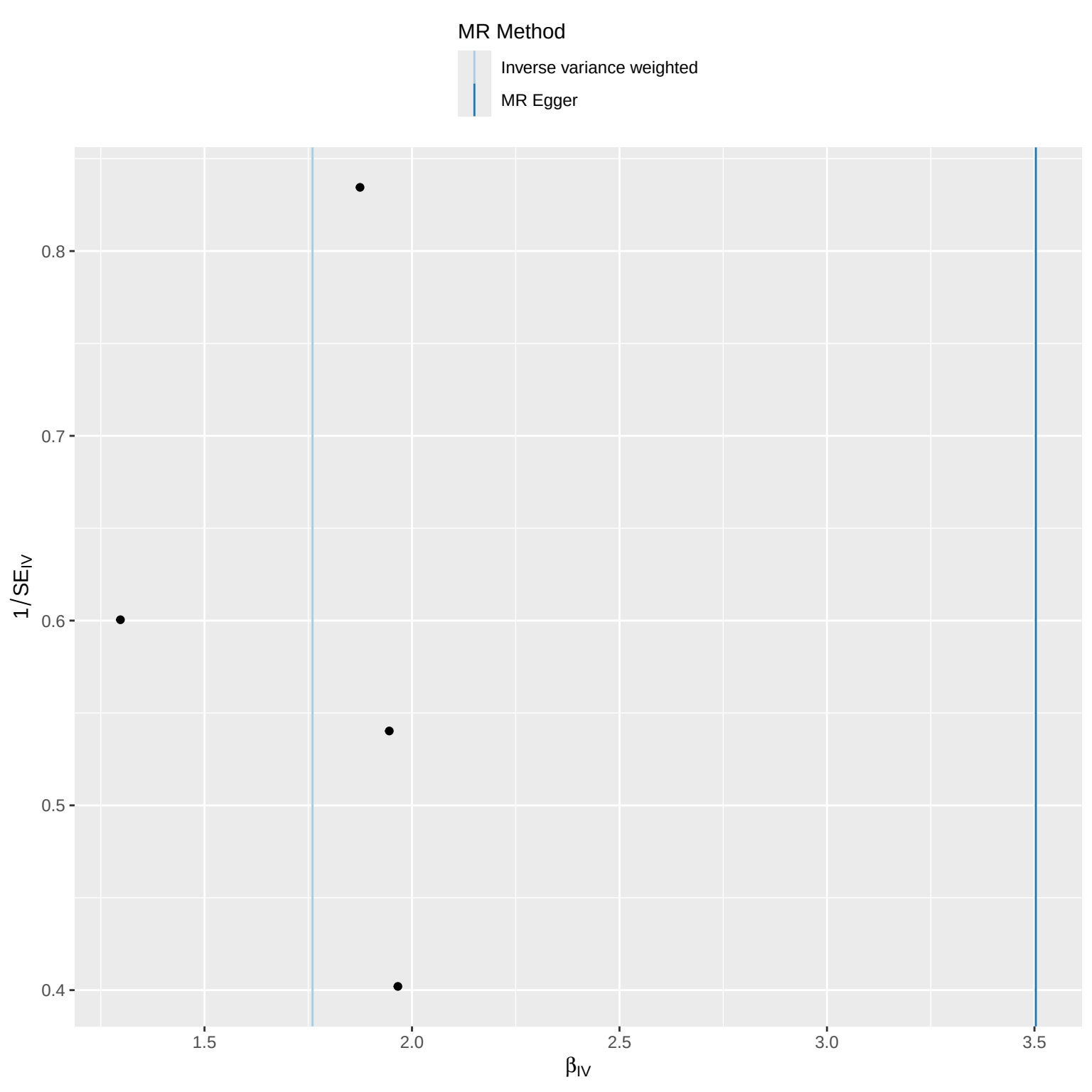

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
0
2
4
6
β_IV

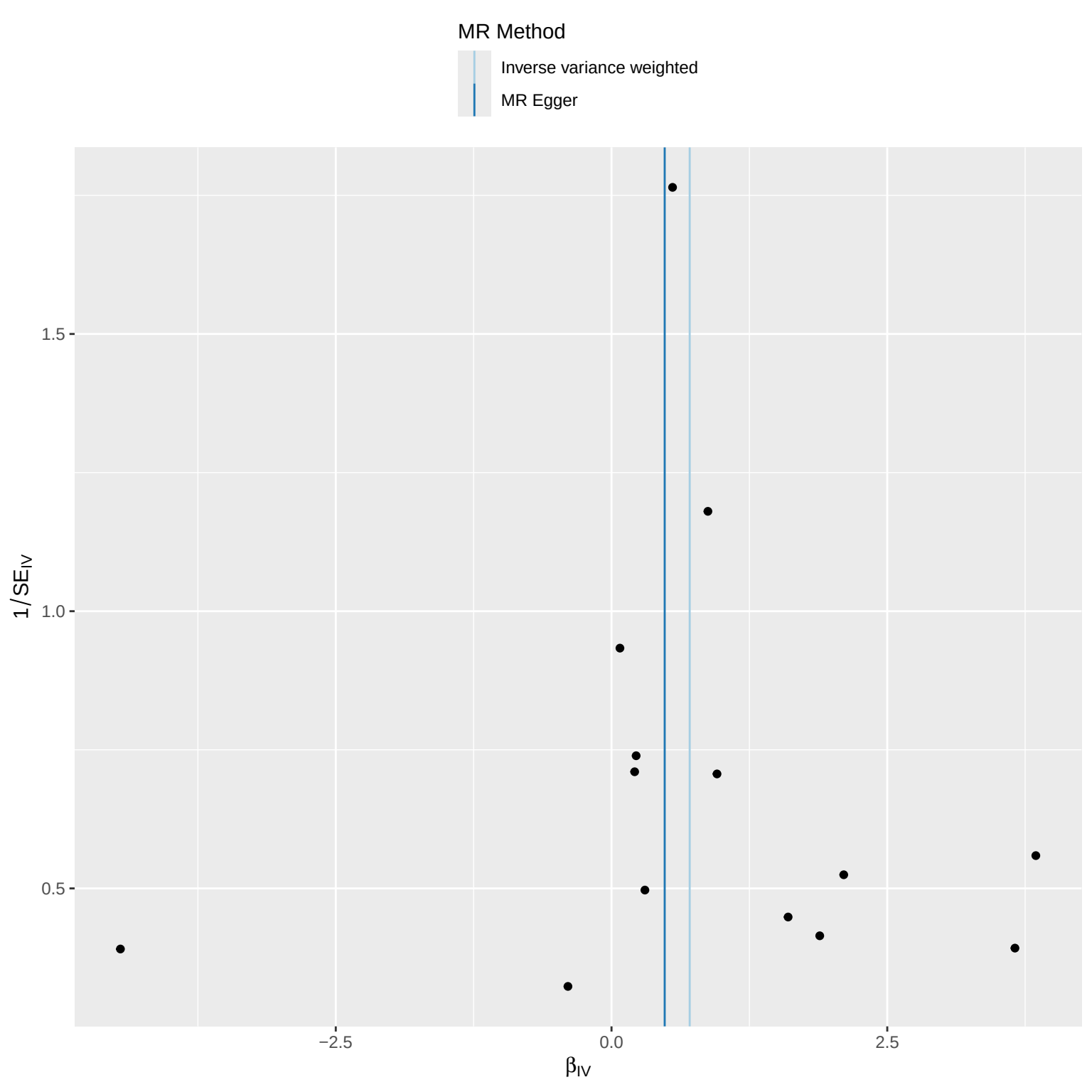

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
2
β_IV

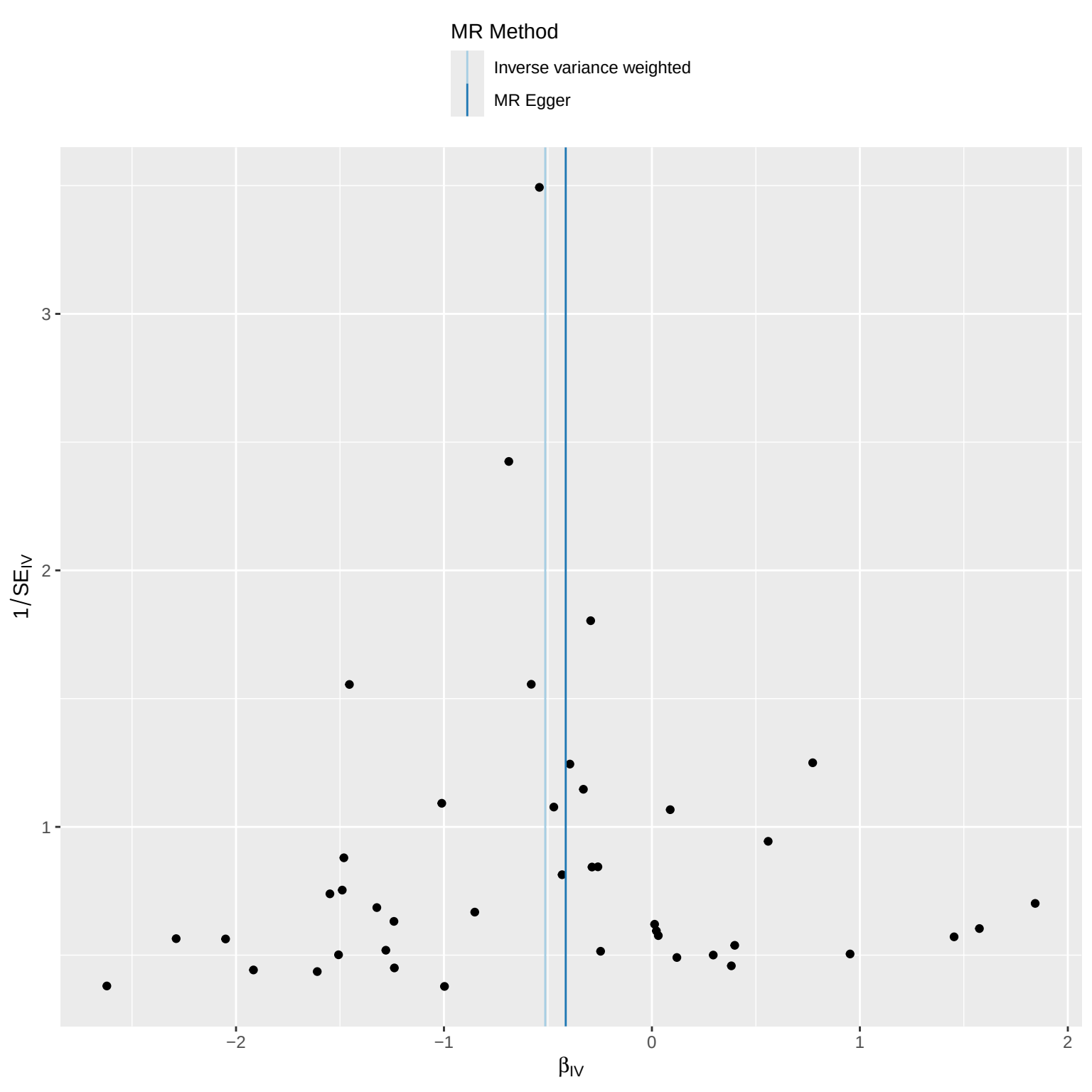

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

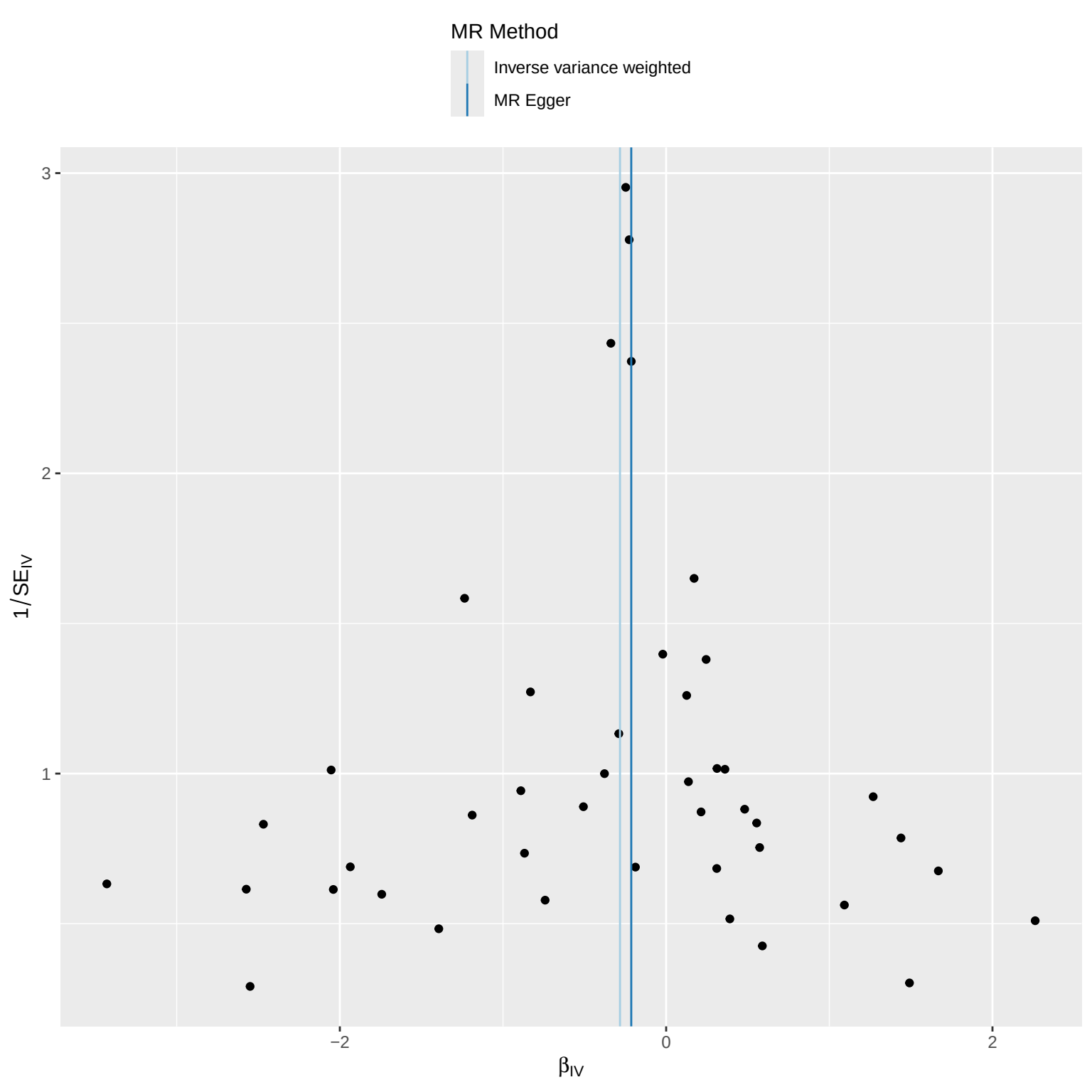

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−4
−2
0
2
β_IV

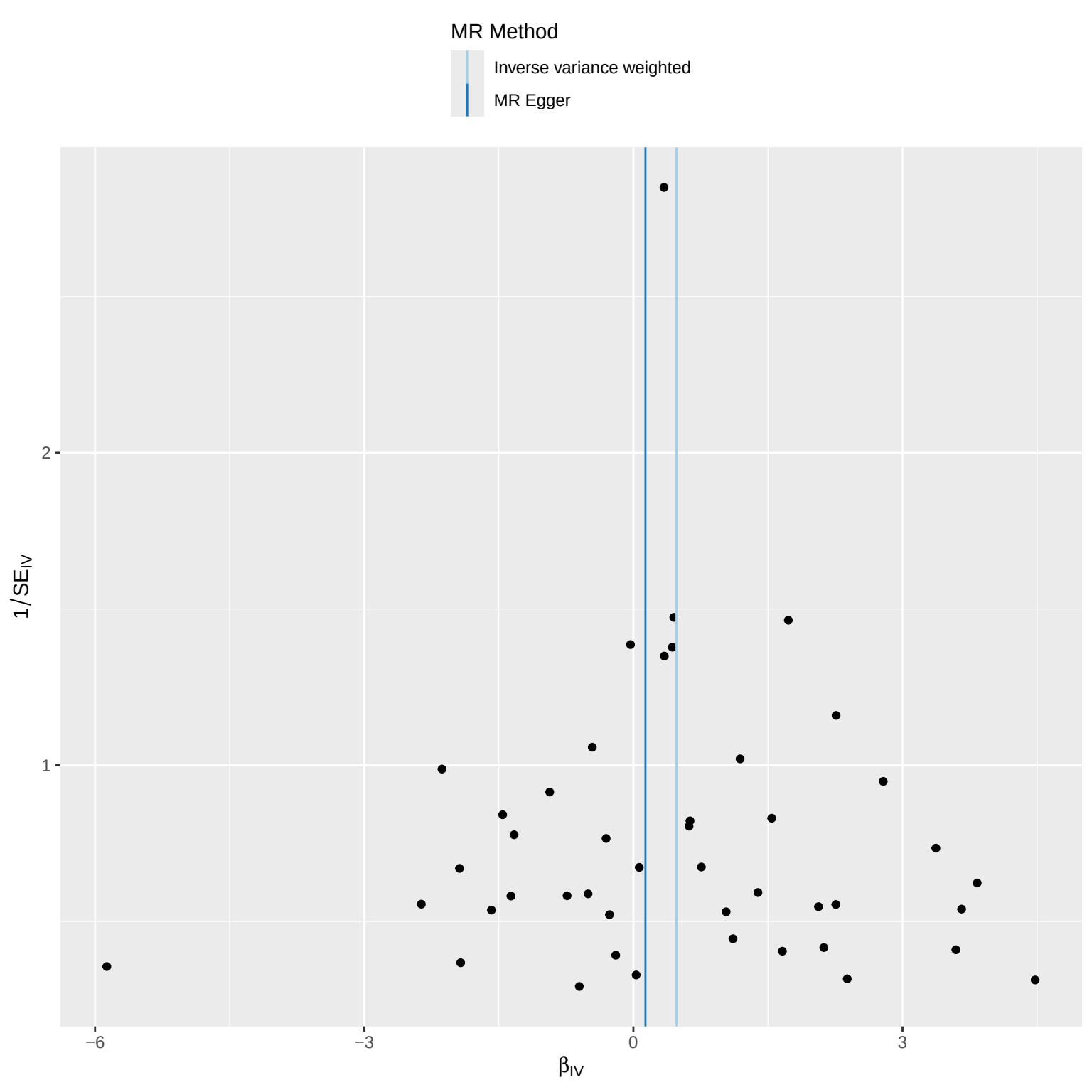

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2.0
−1.5
−1.0
β_IV

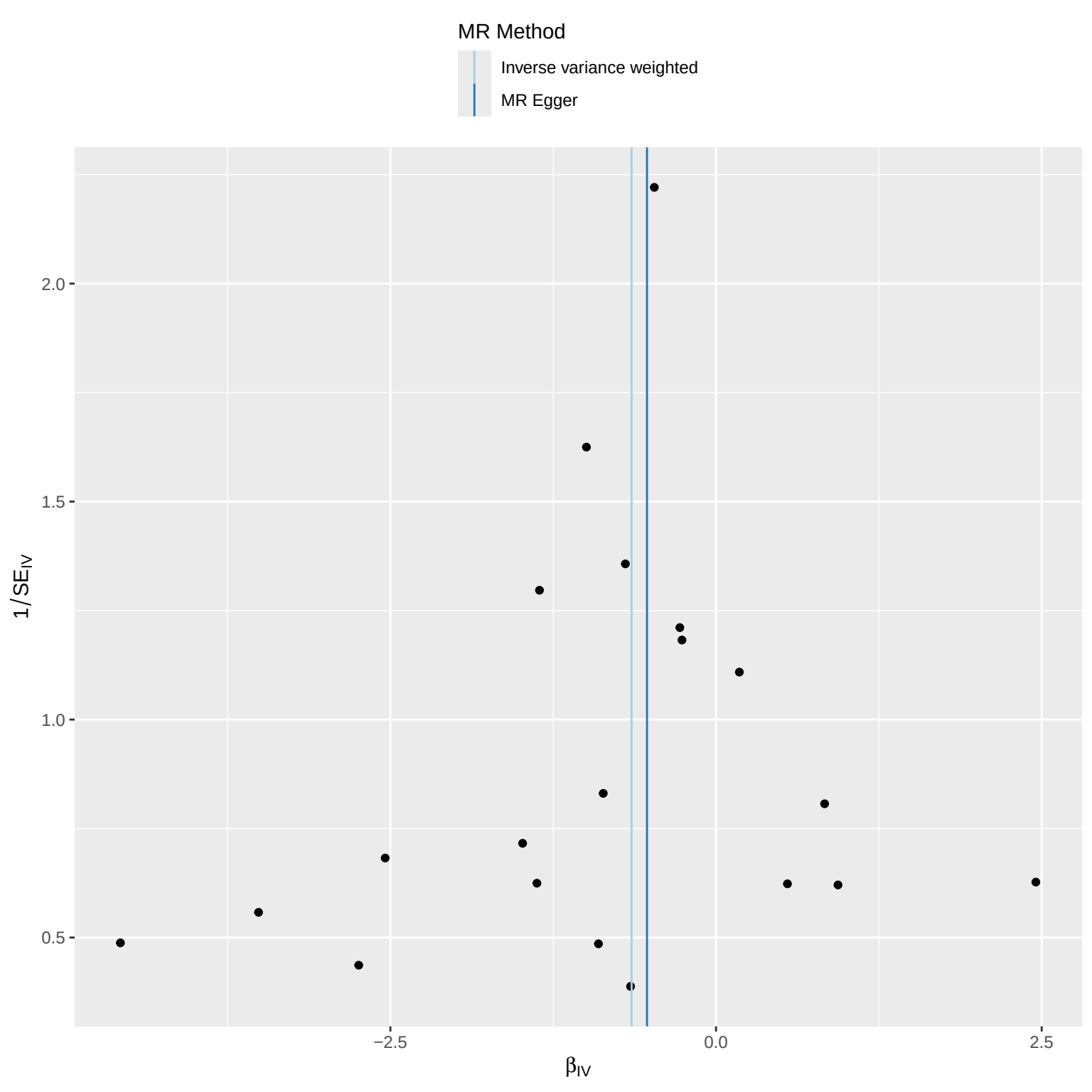

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
1.5
2.0
2.5
3.0
3.5
β_IV

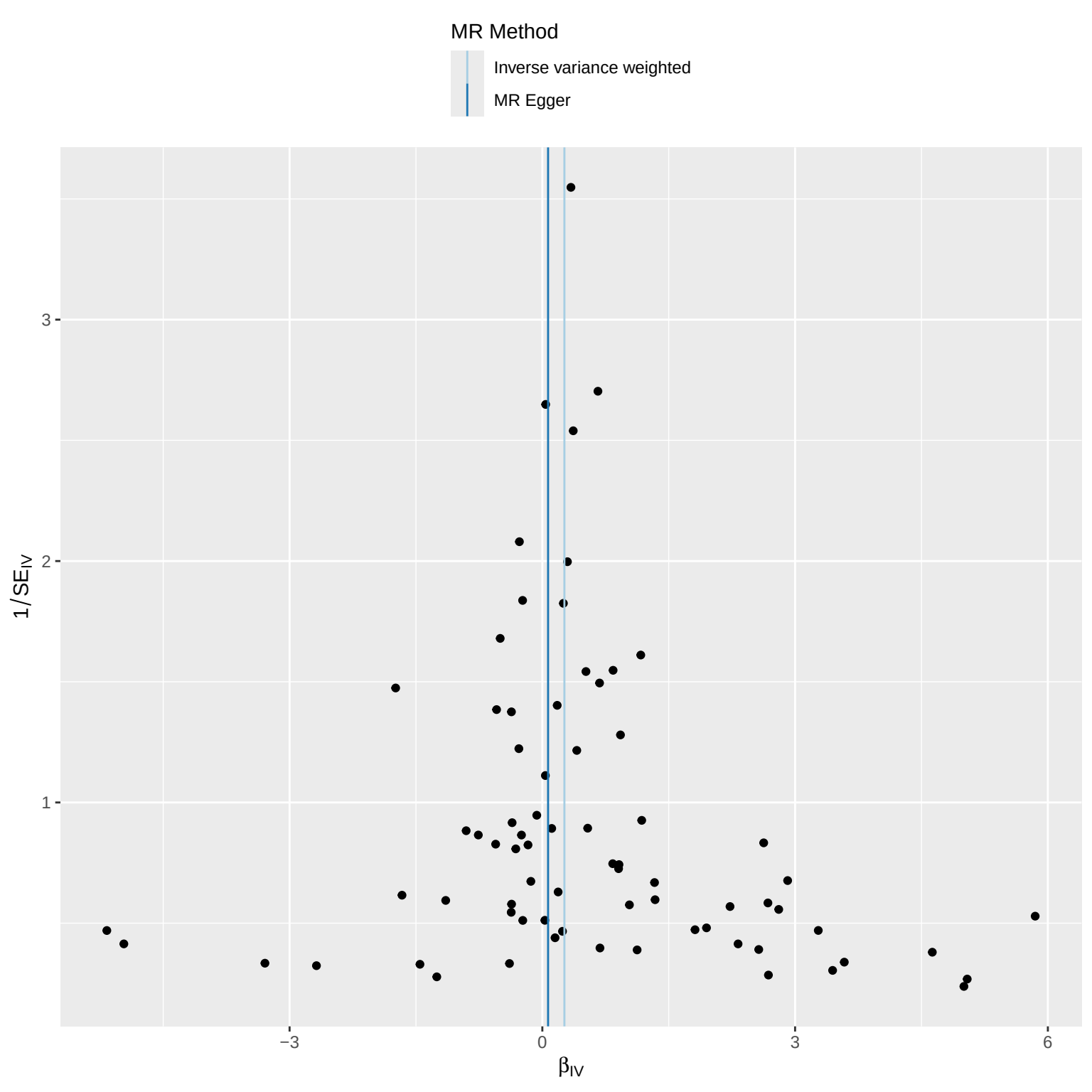

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

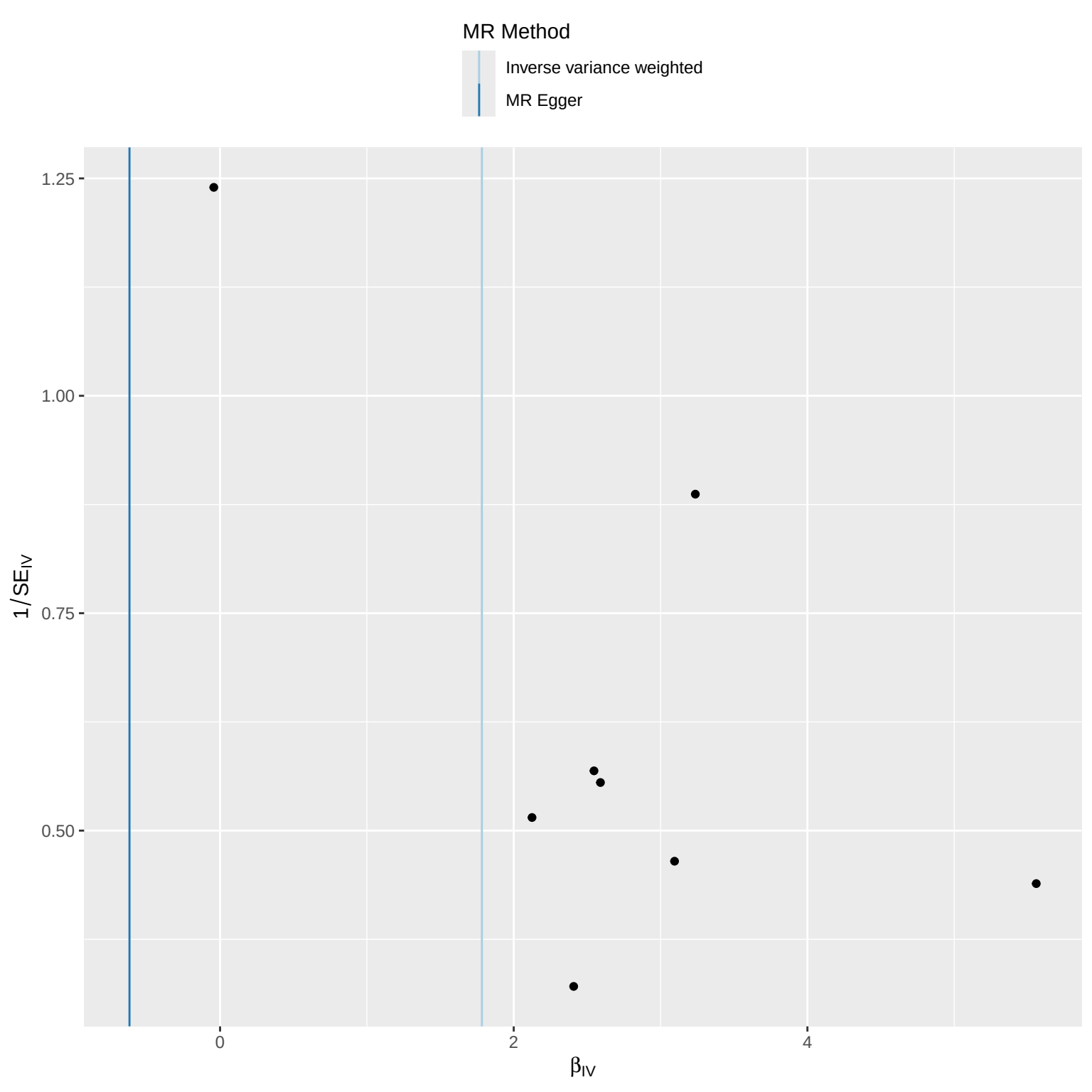

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

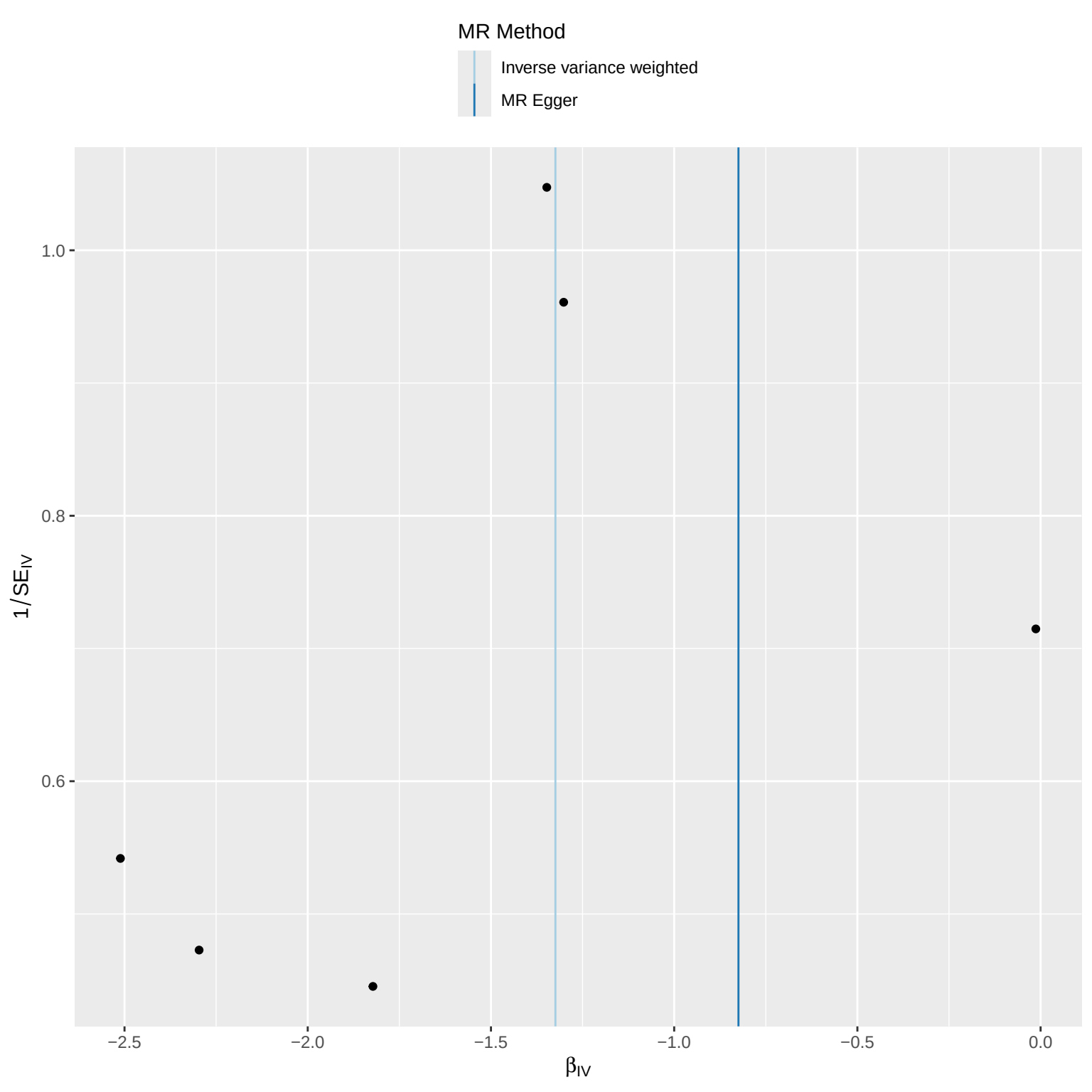

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

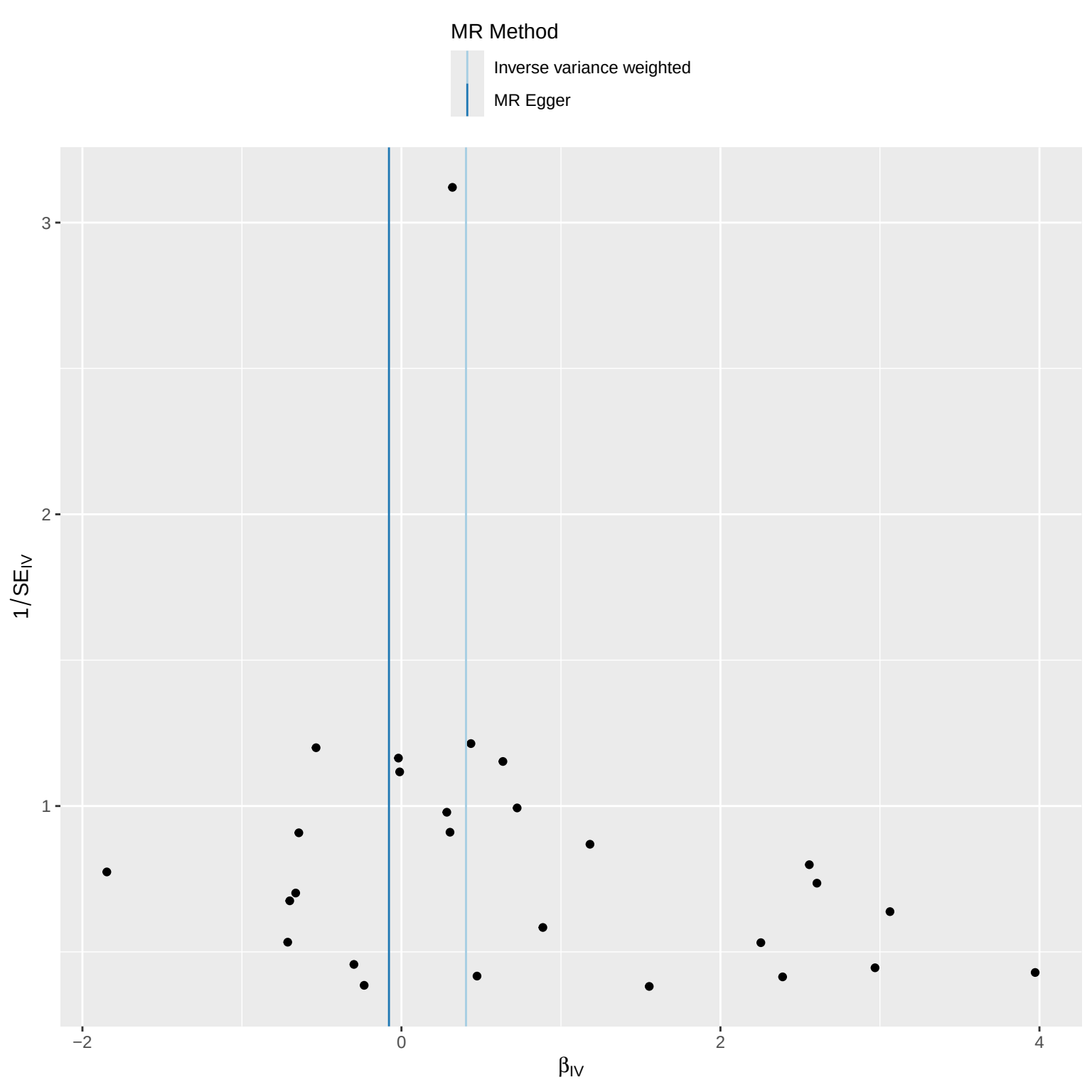

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−3
0
3
β_IV

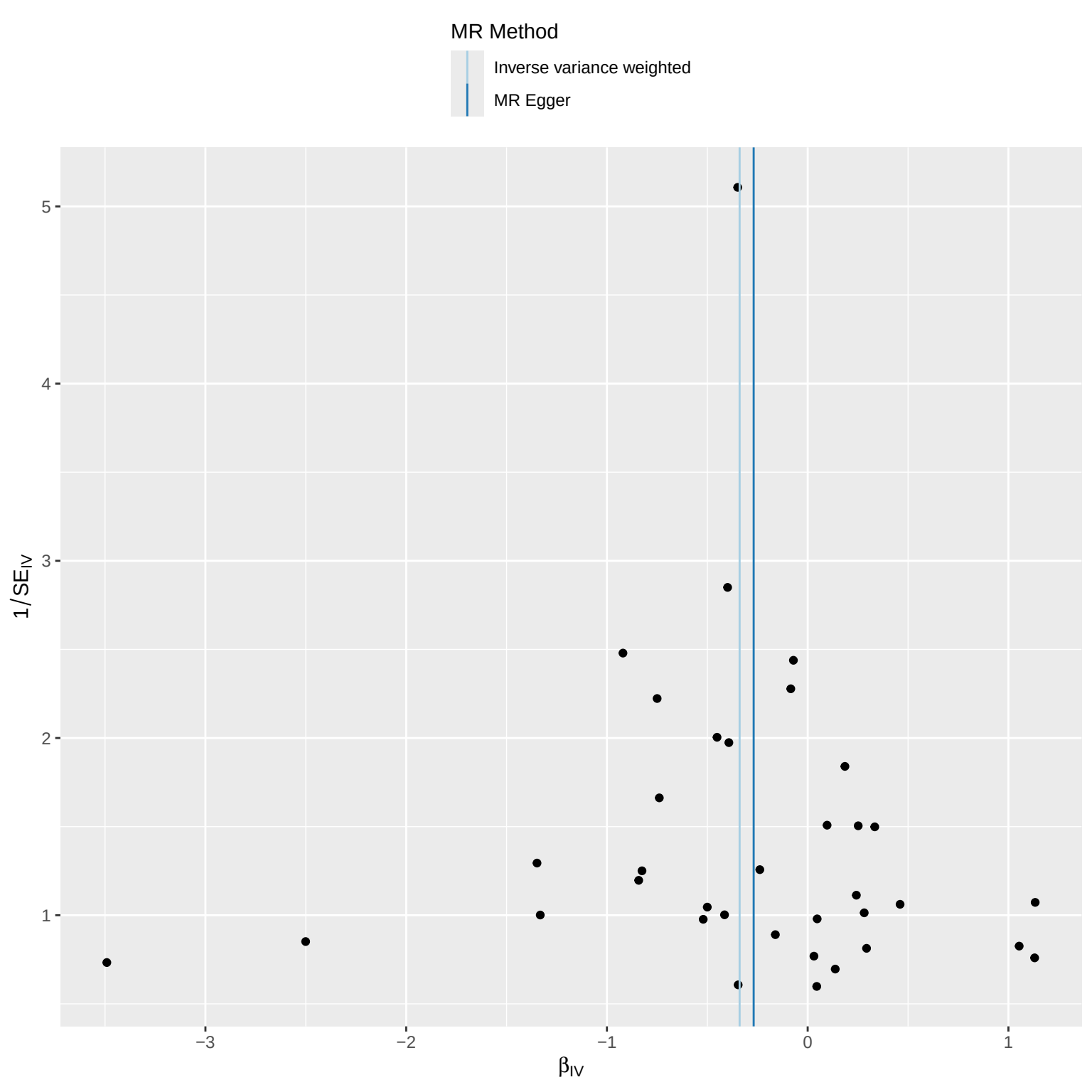

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

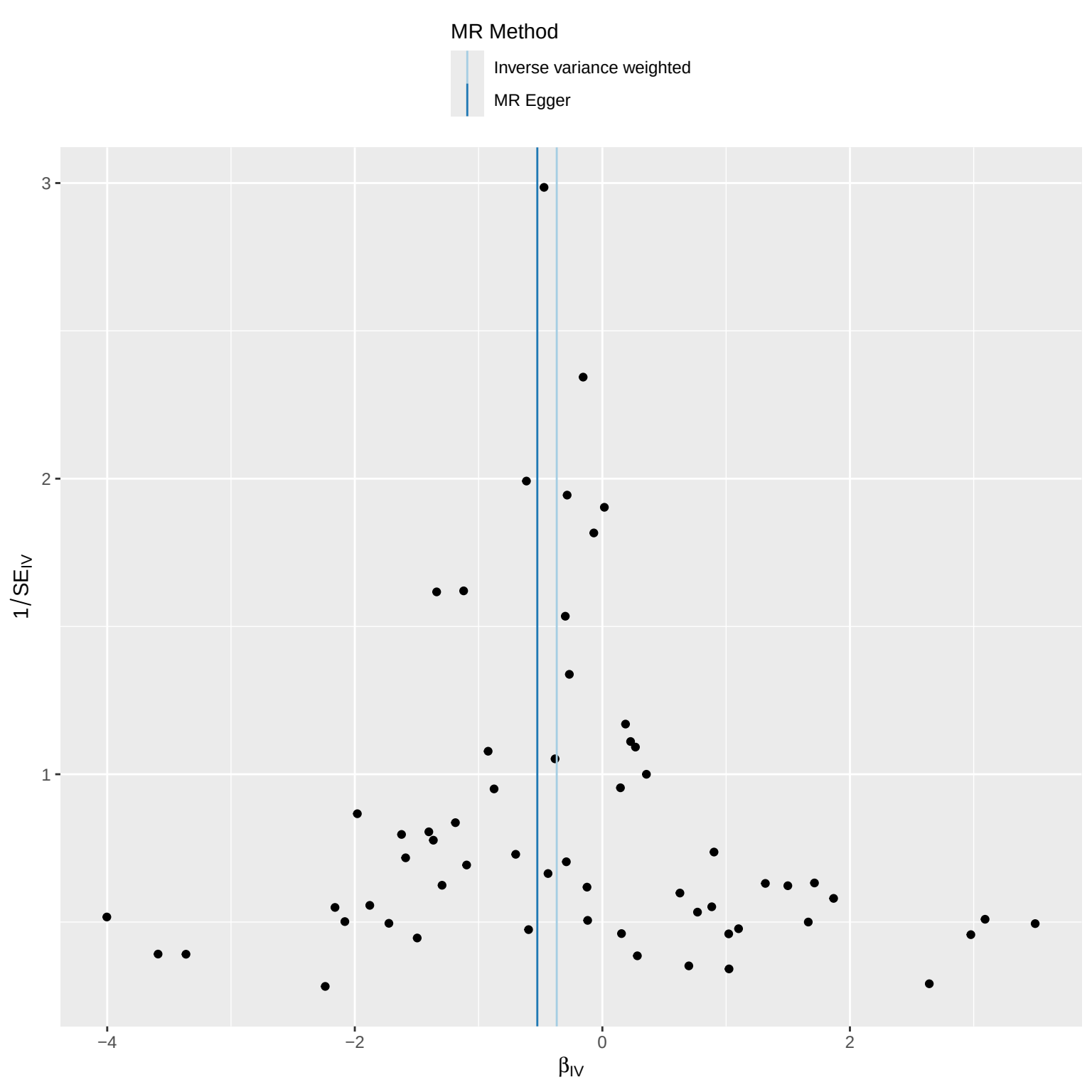

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
0
3
6
β_IV

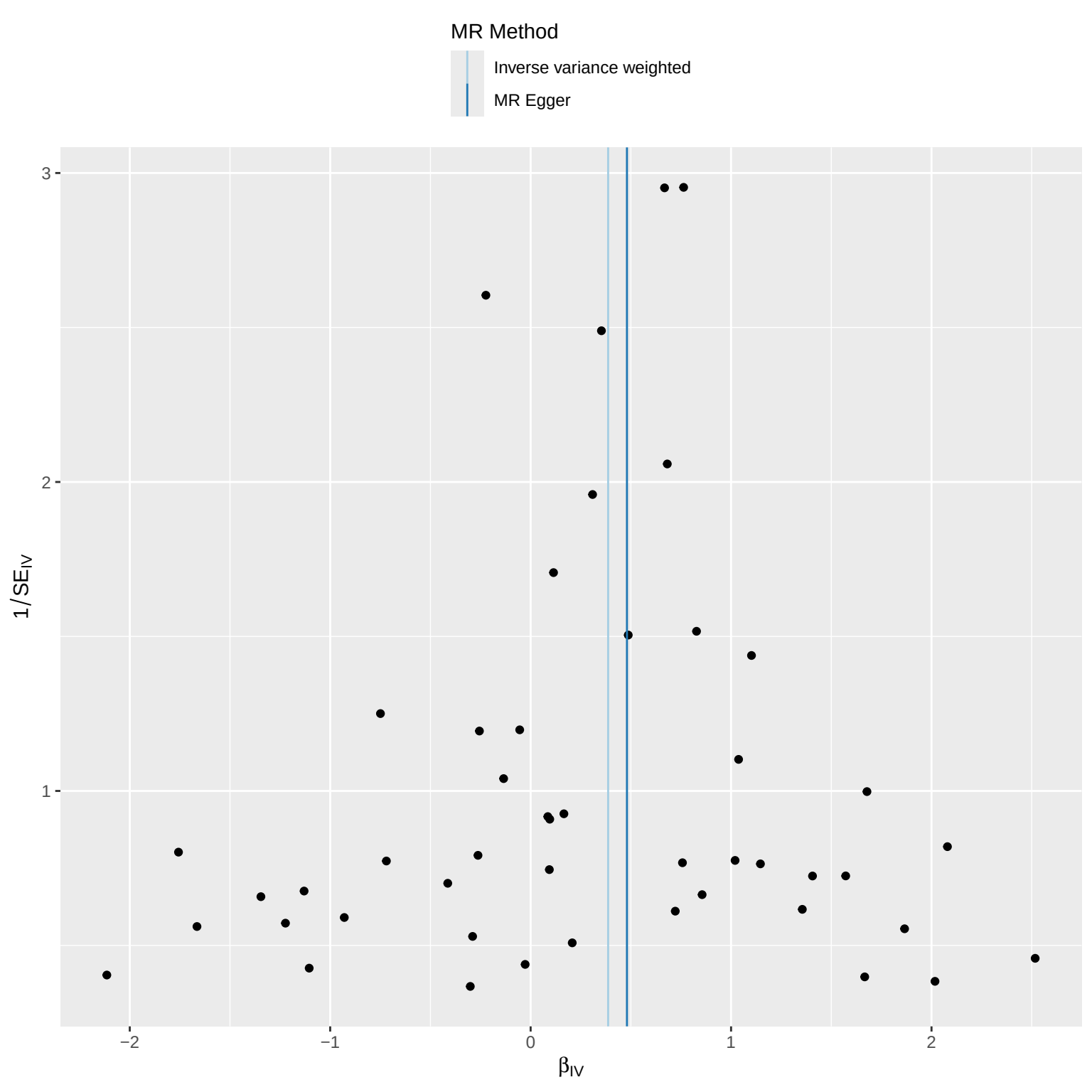

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
2
4
β_IV

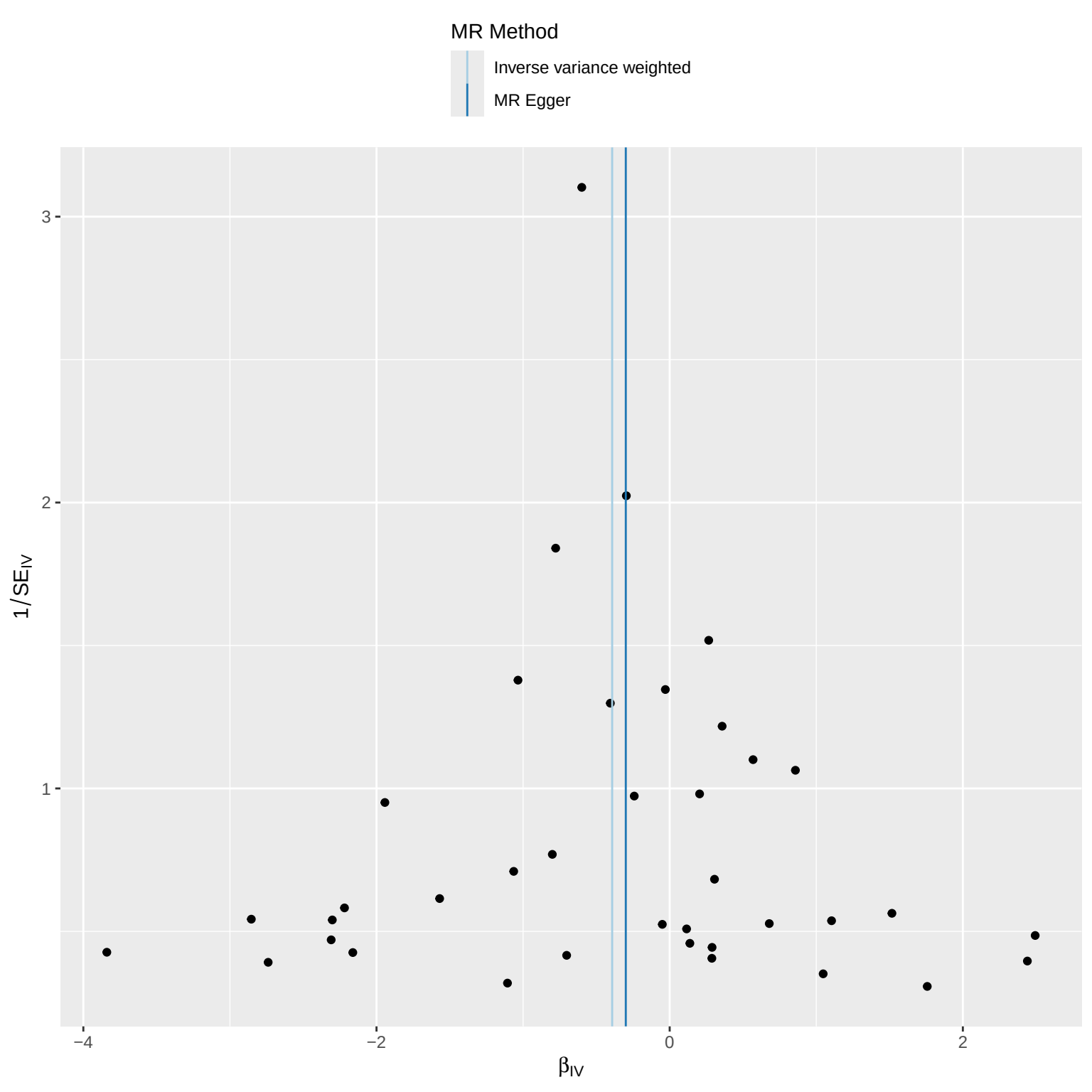

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

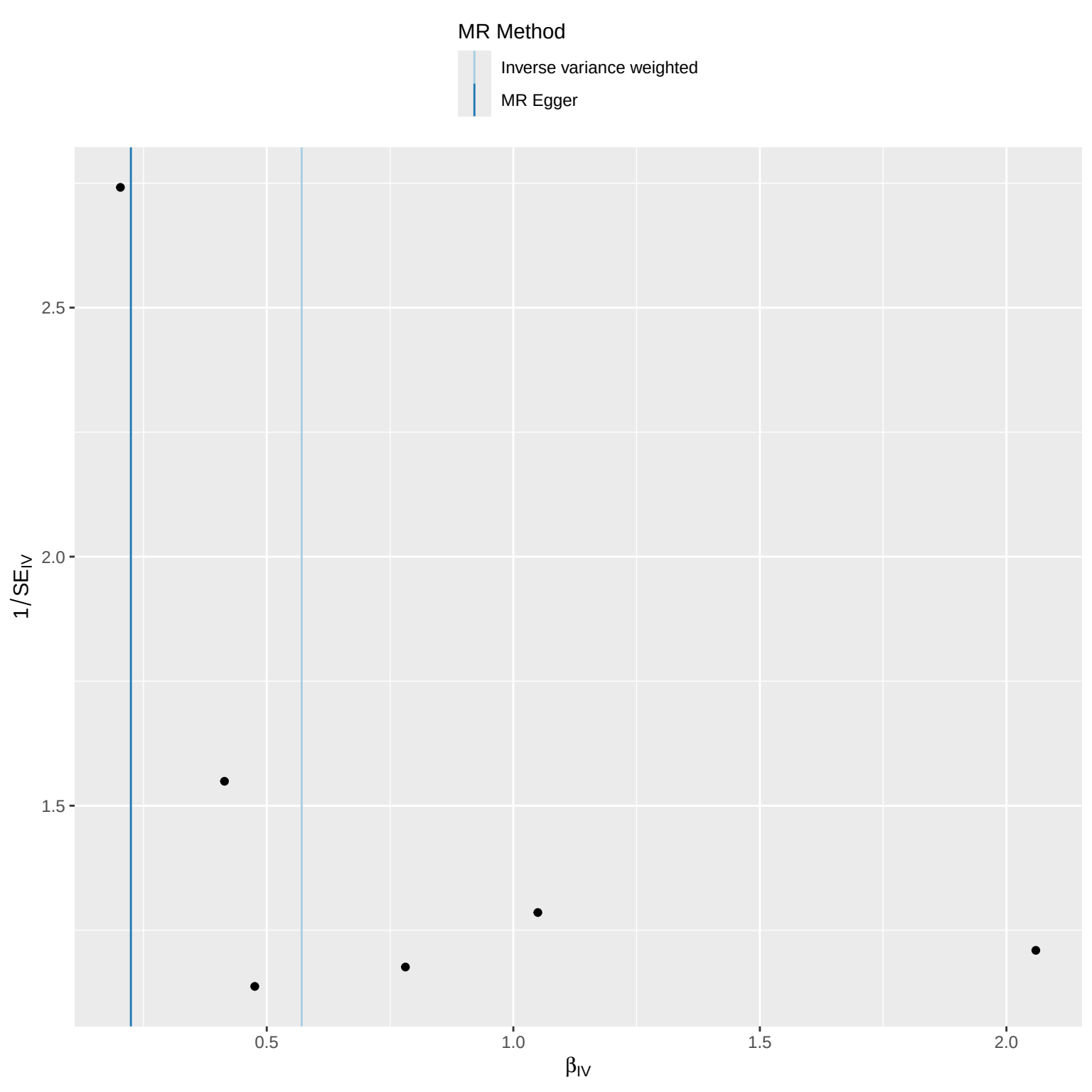

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

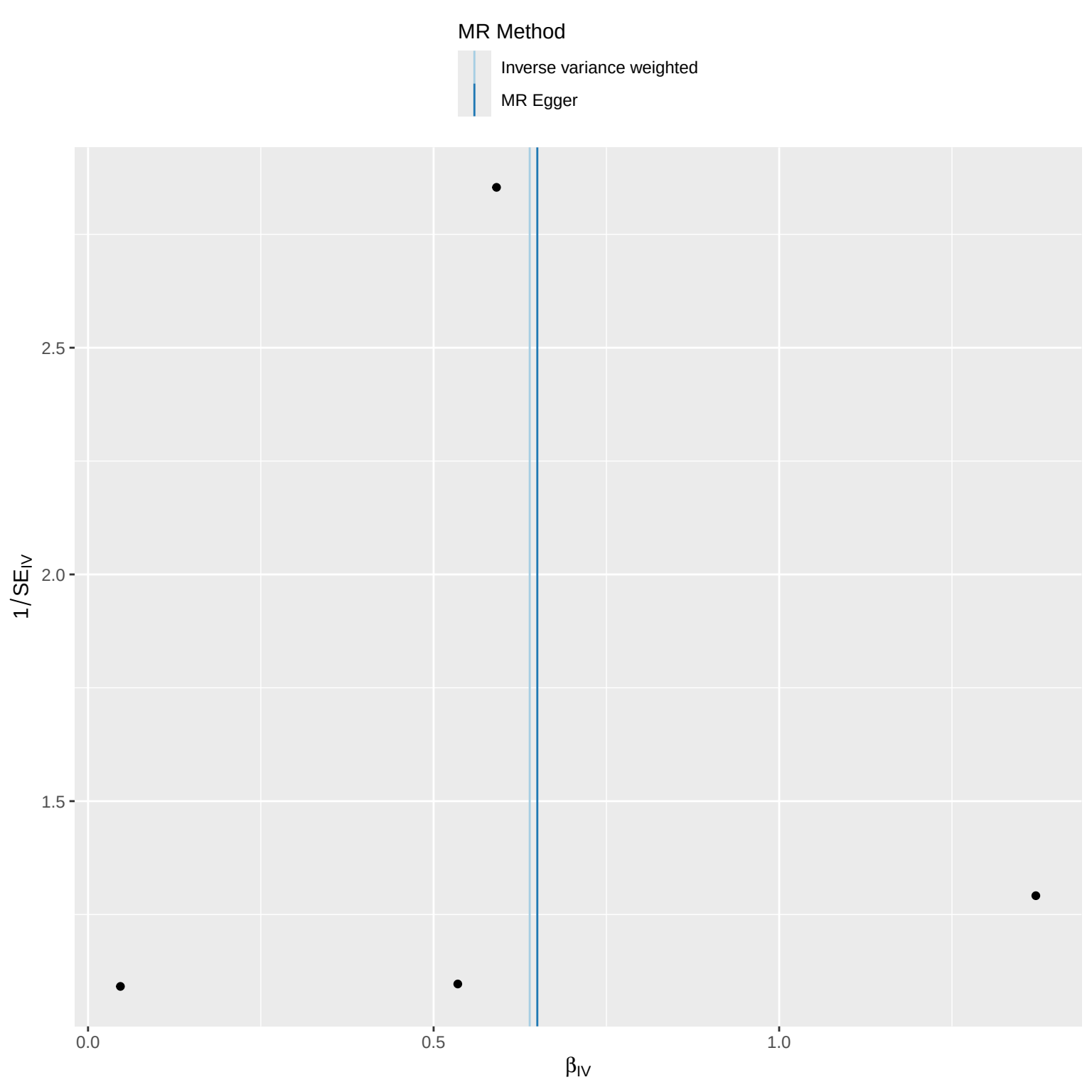

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

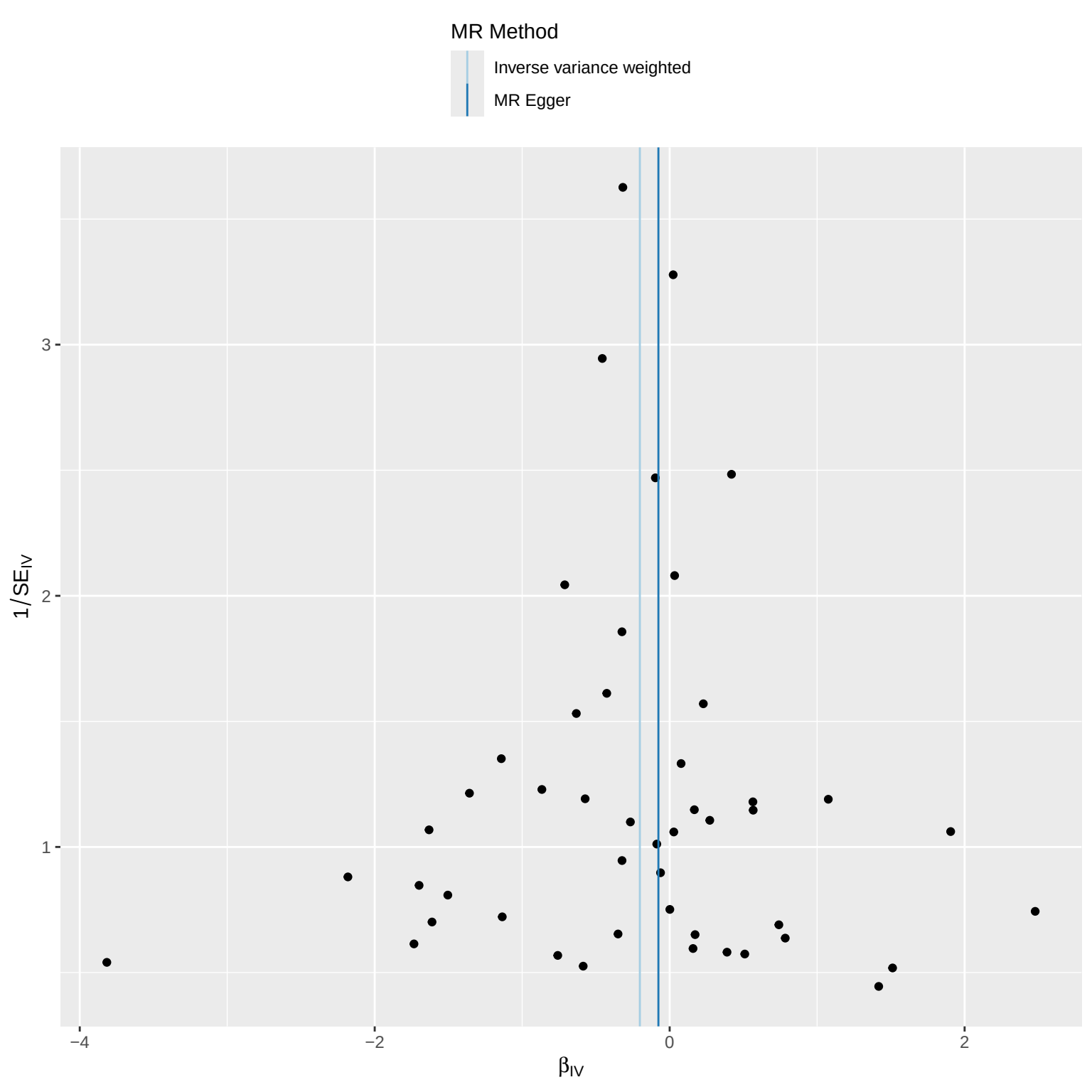

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

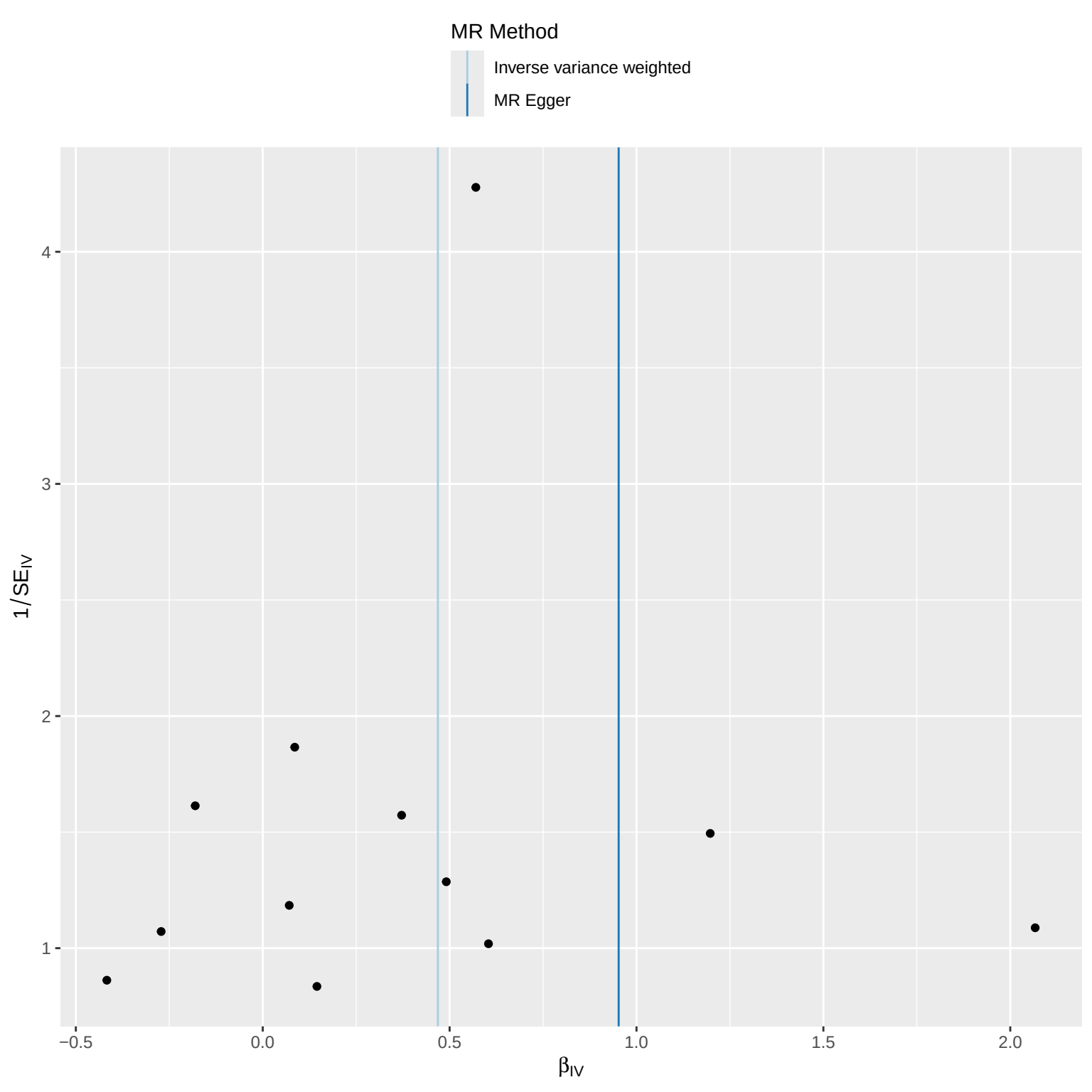

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

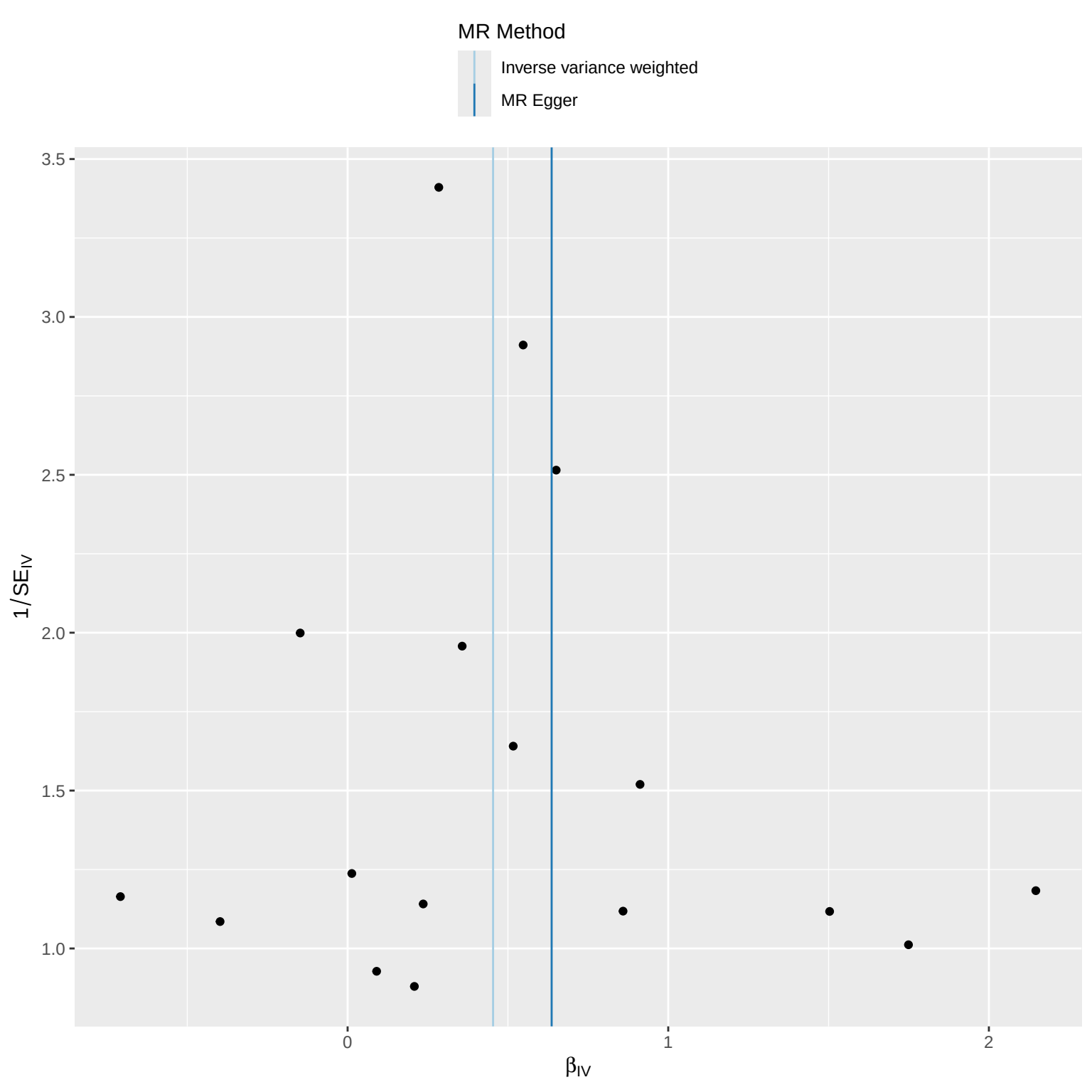

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

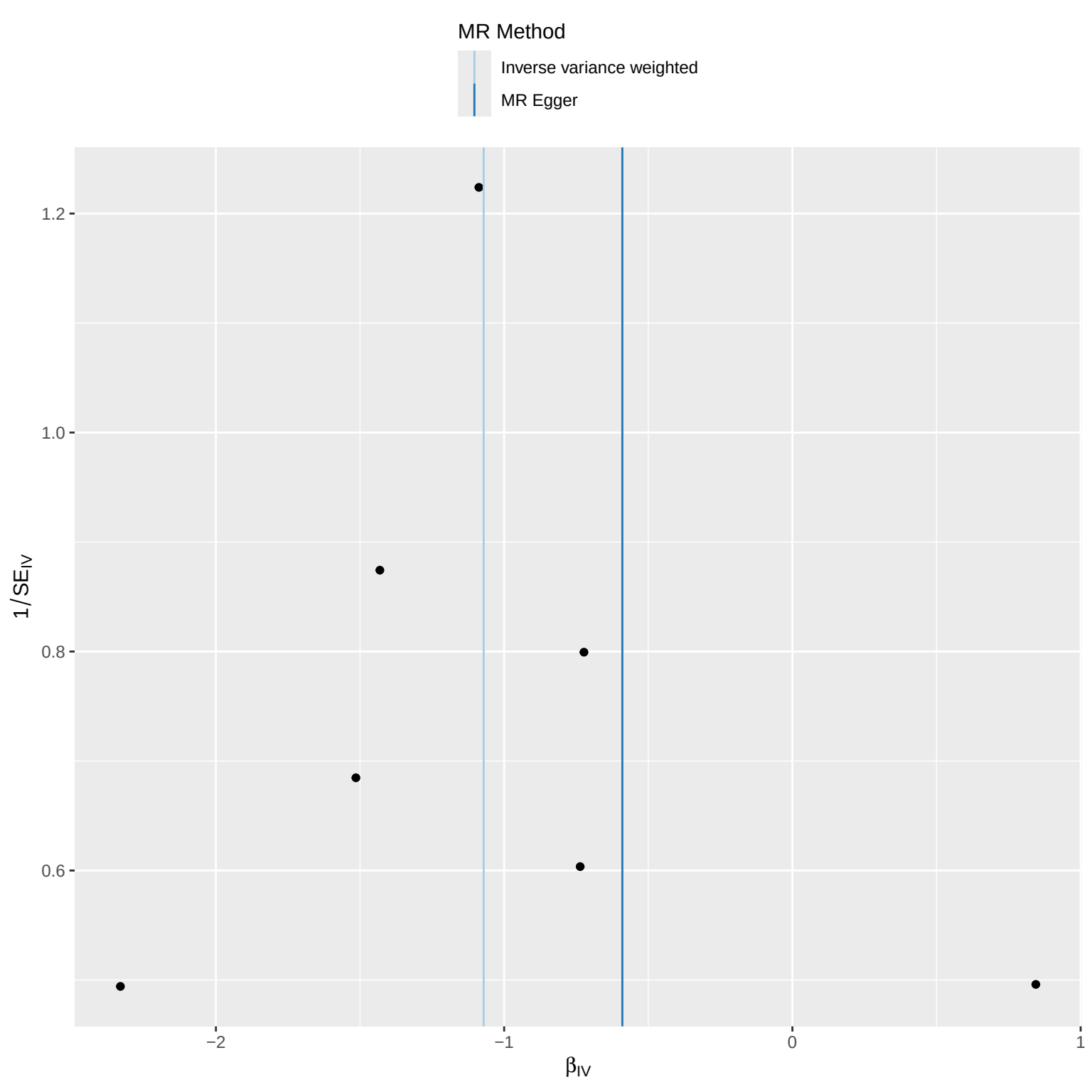

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

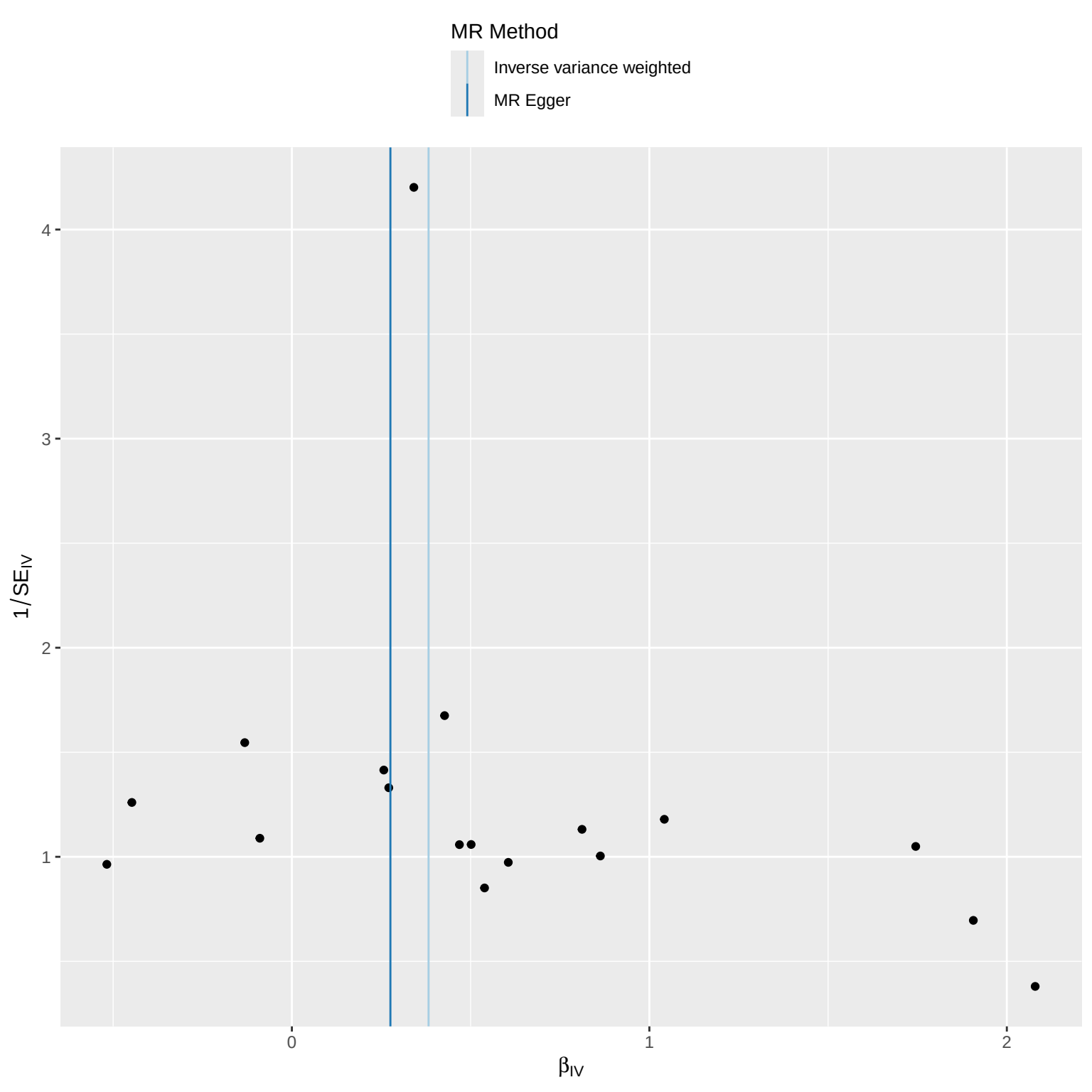

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
0.0
0.5
1.0
β_IV

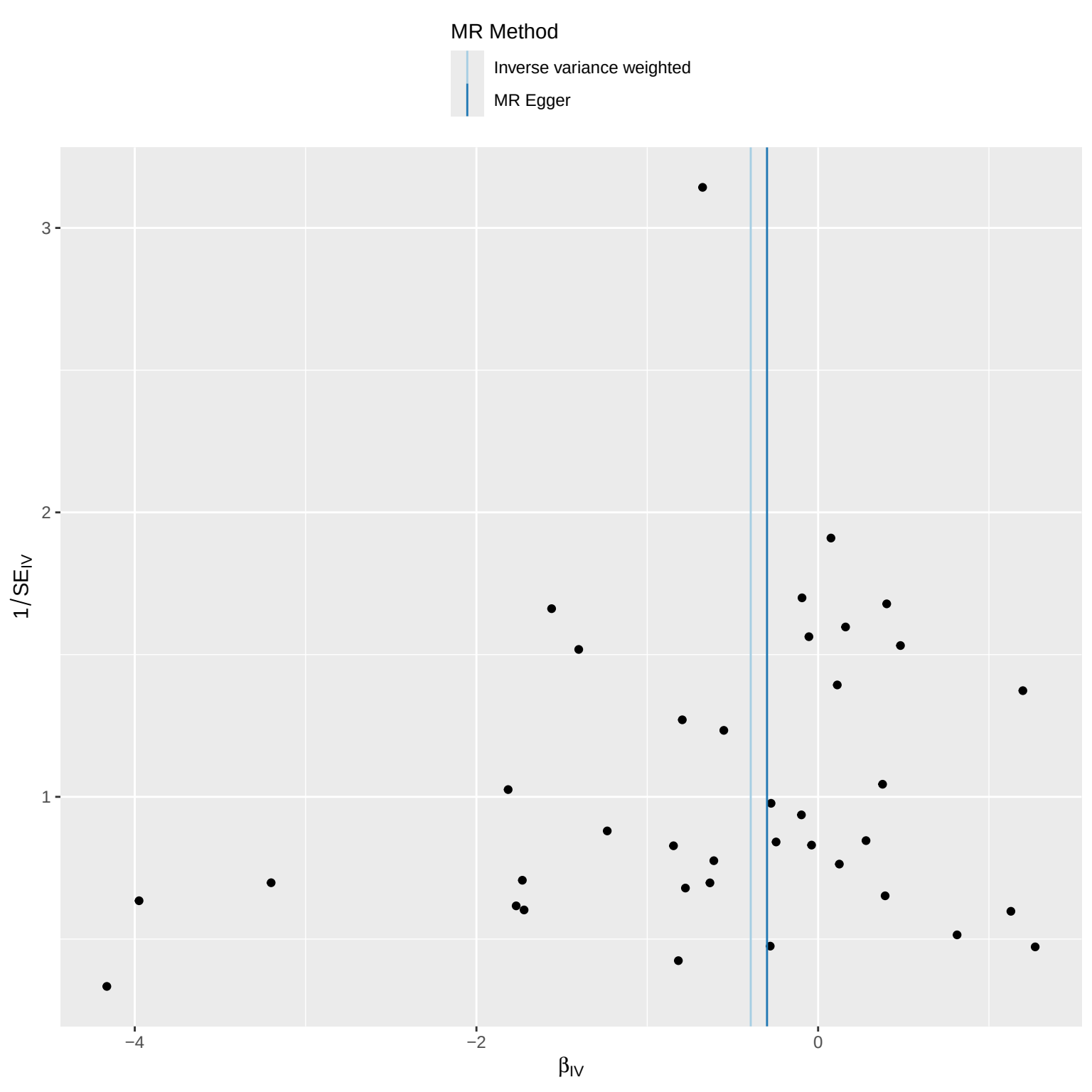

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

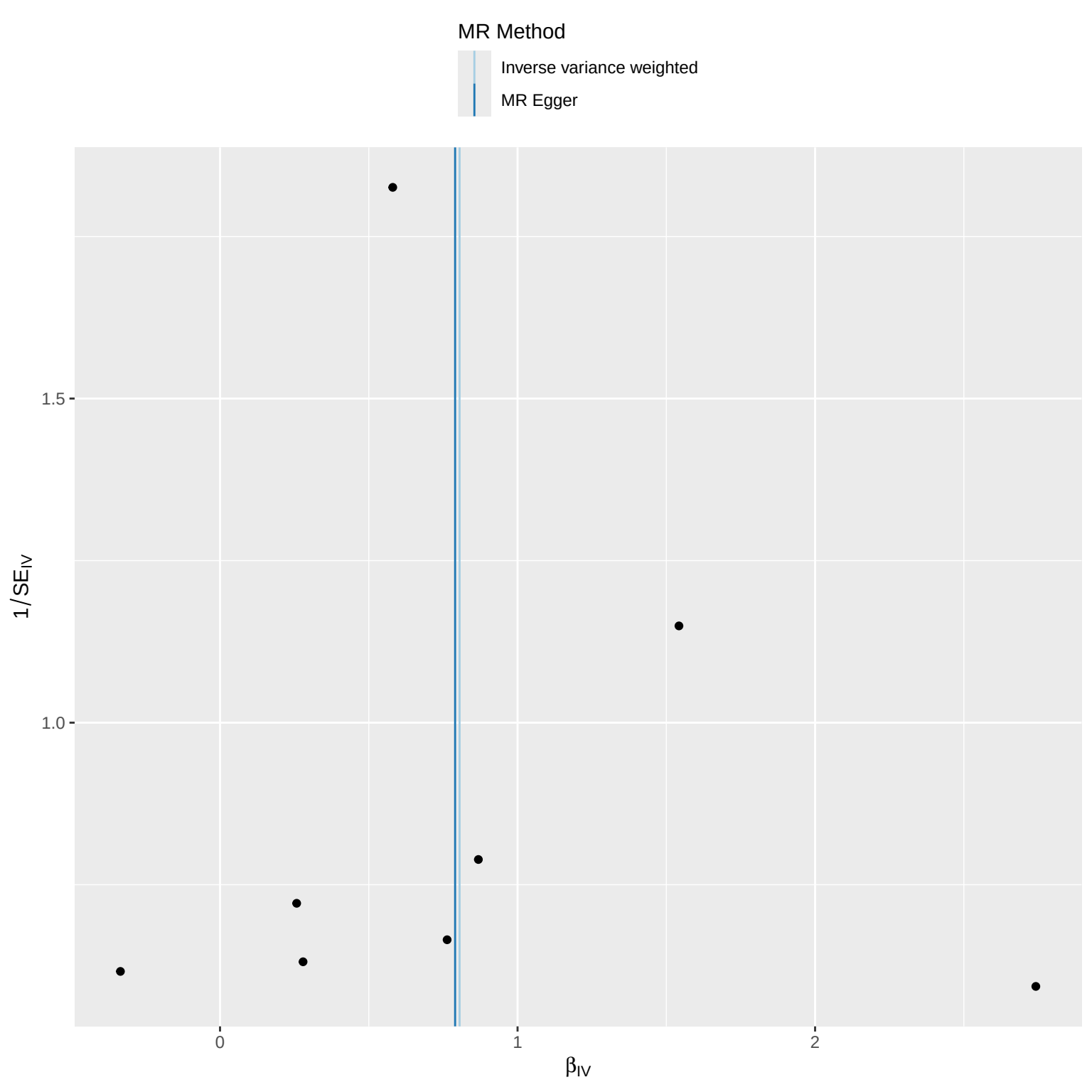

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

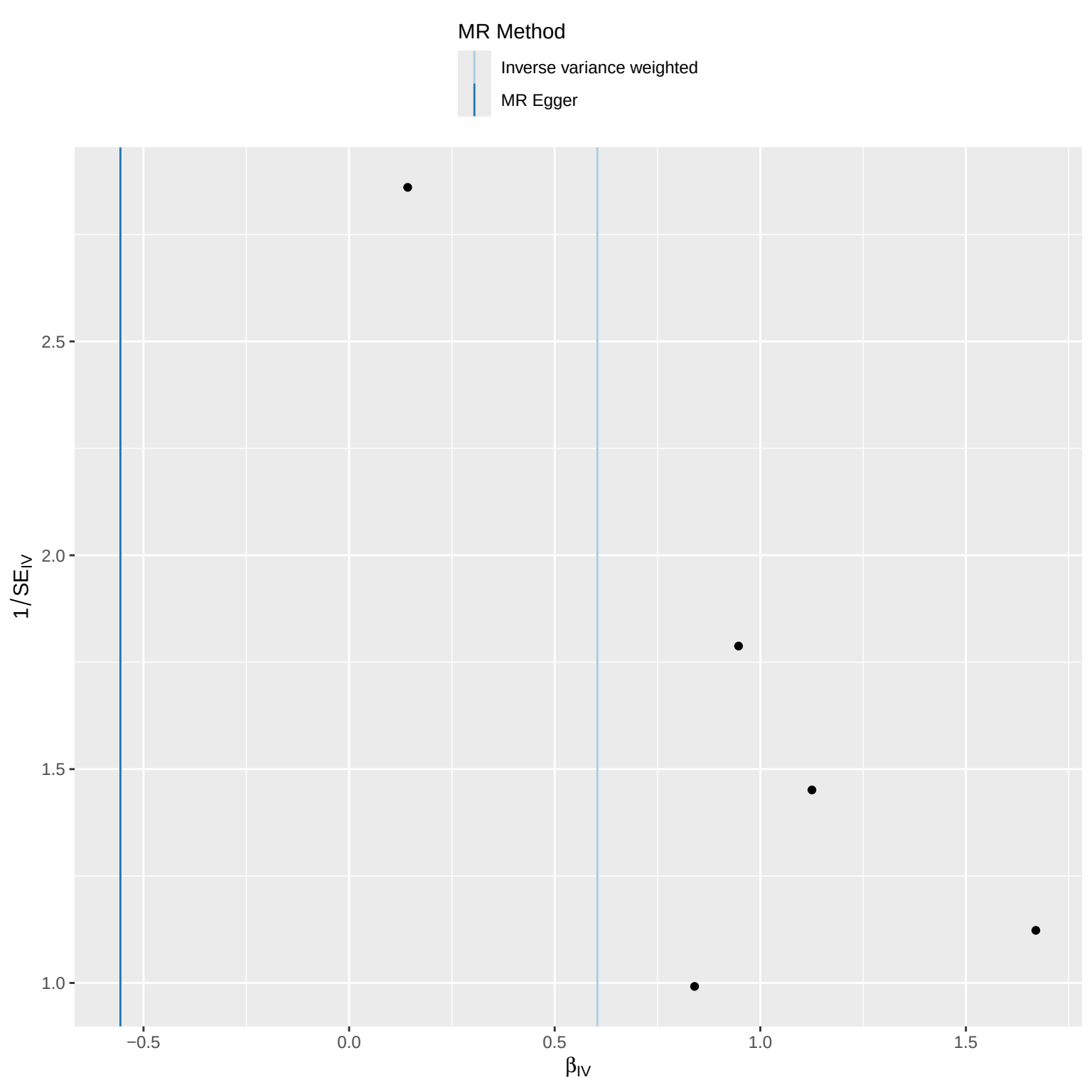

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

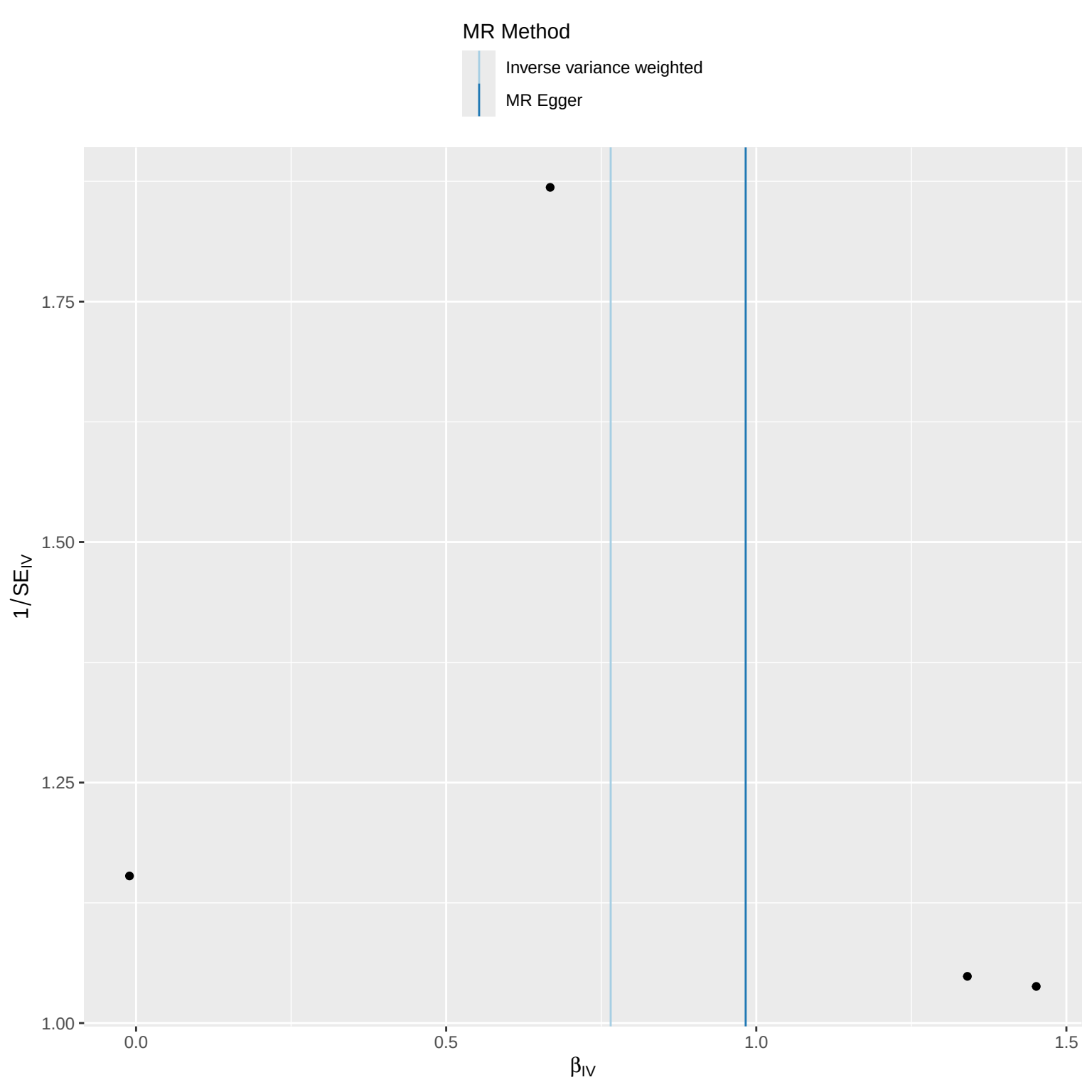

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2
−1
0
1
β_IV

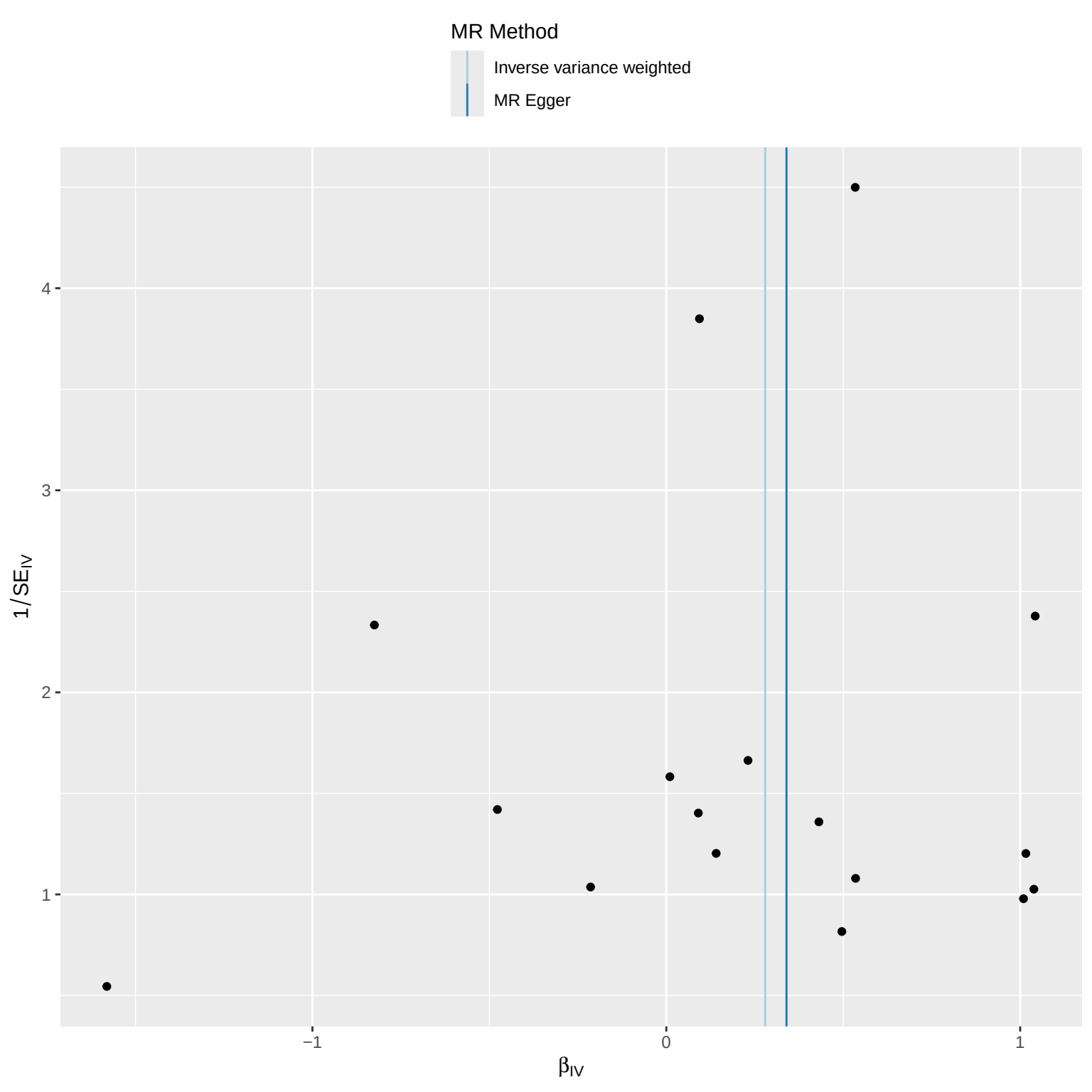

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

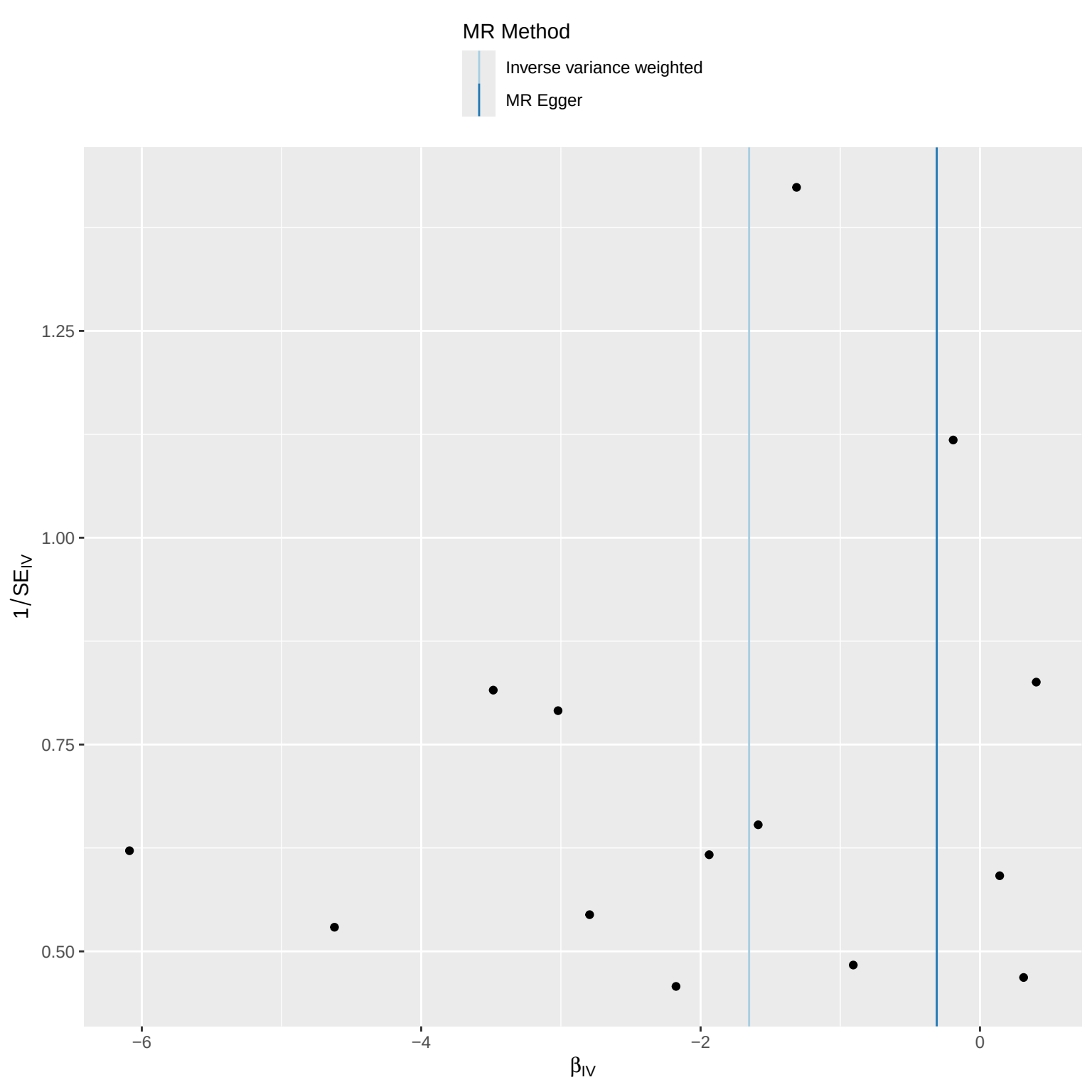

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
β_IV

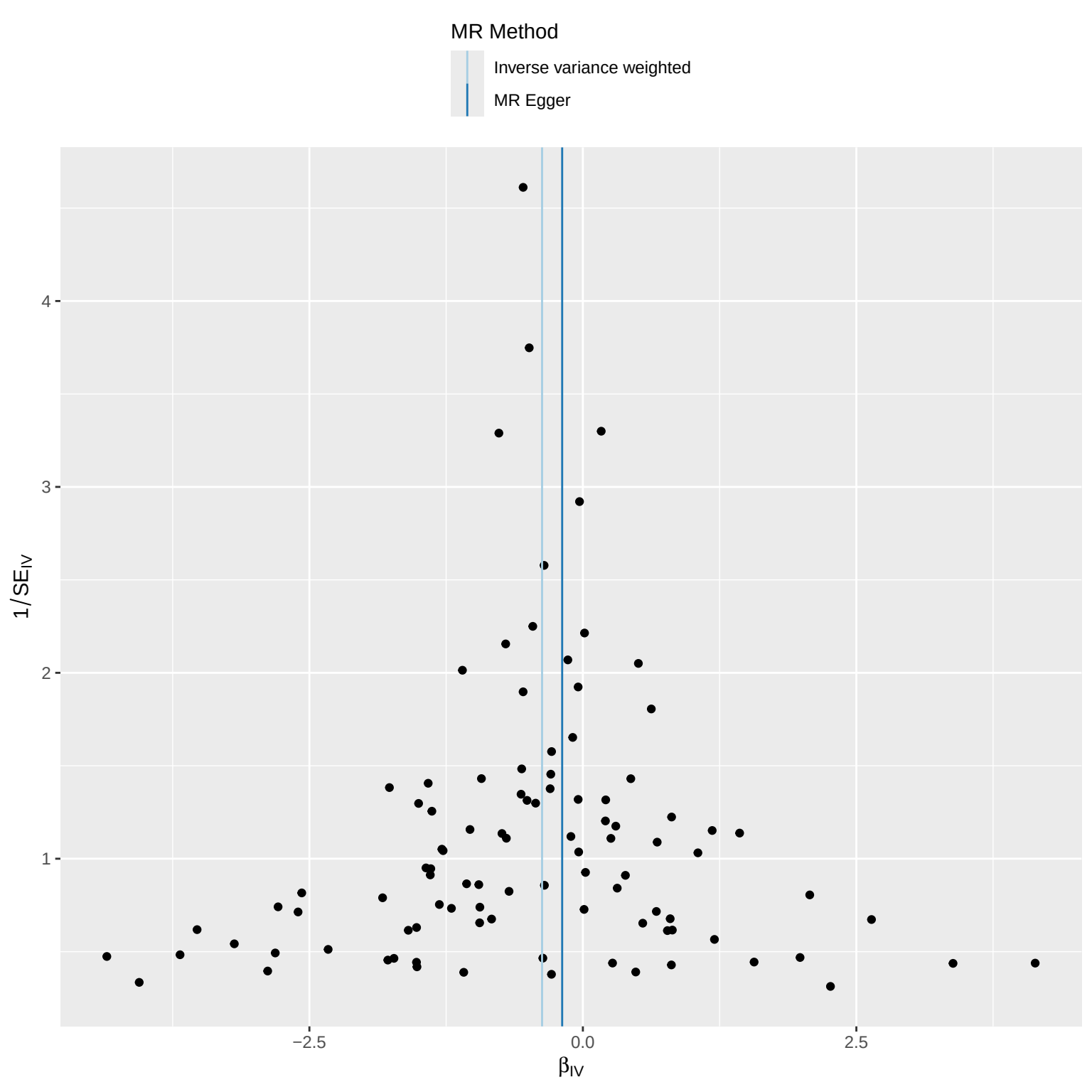

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
0
1
2
β_IV

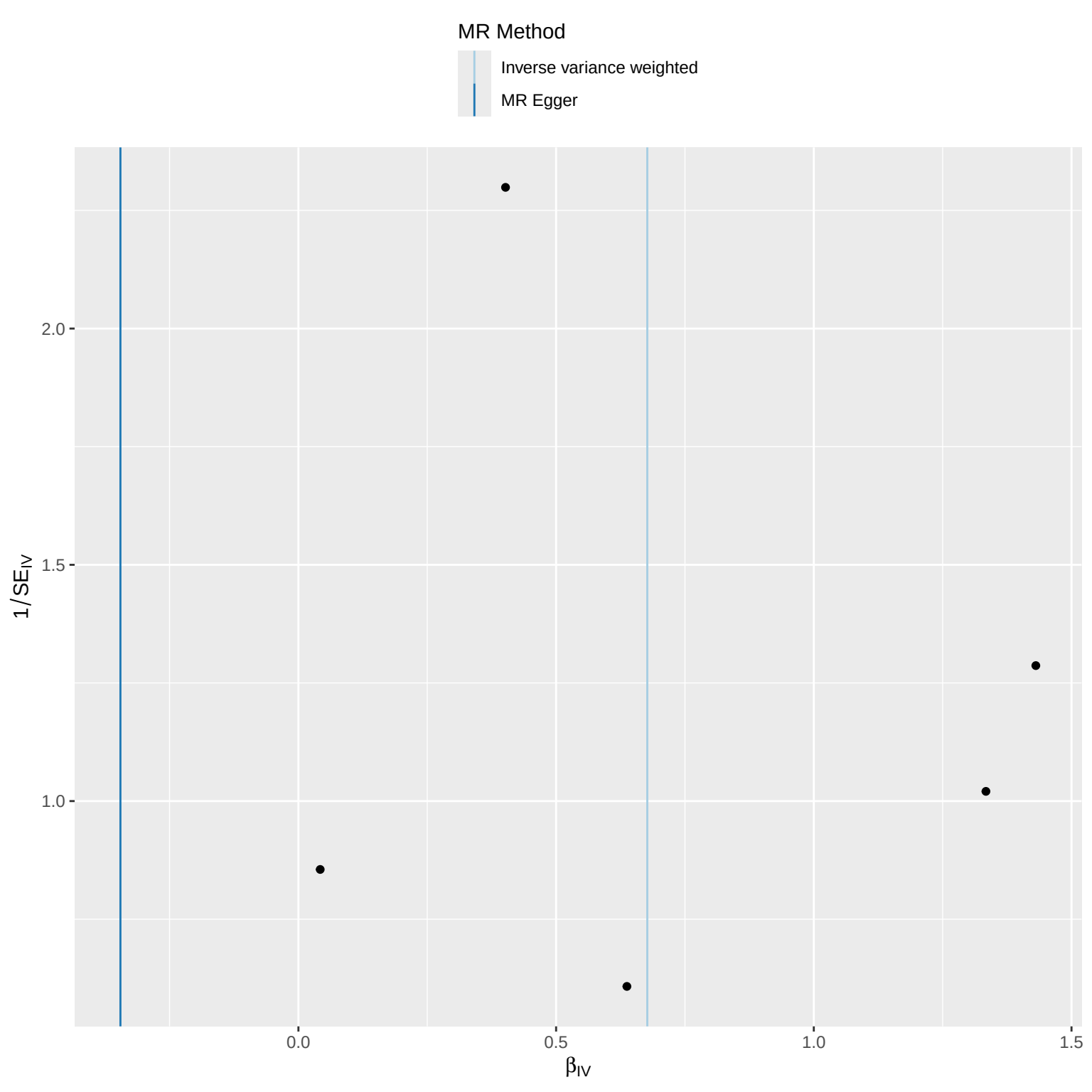

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

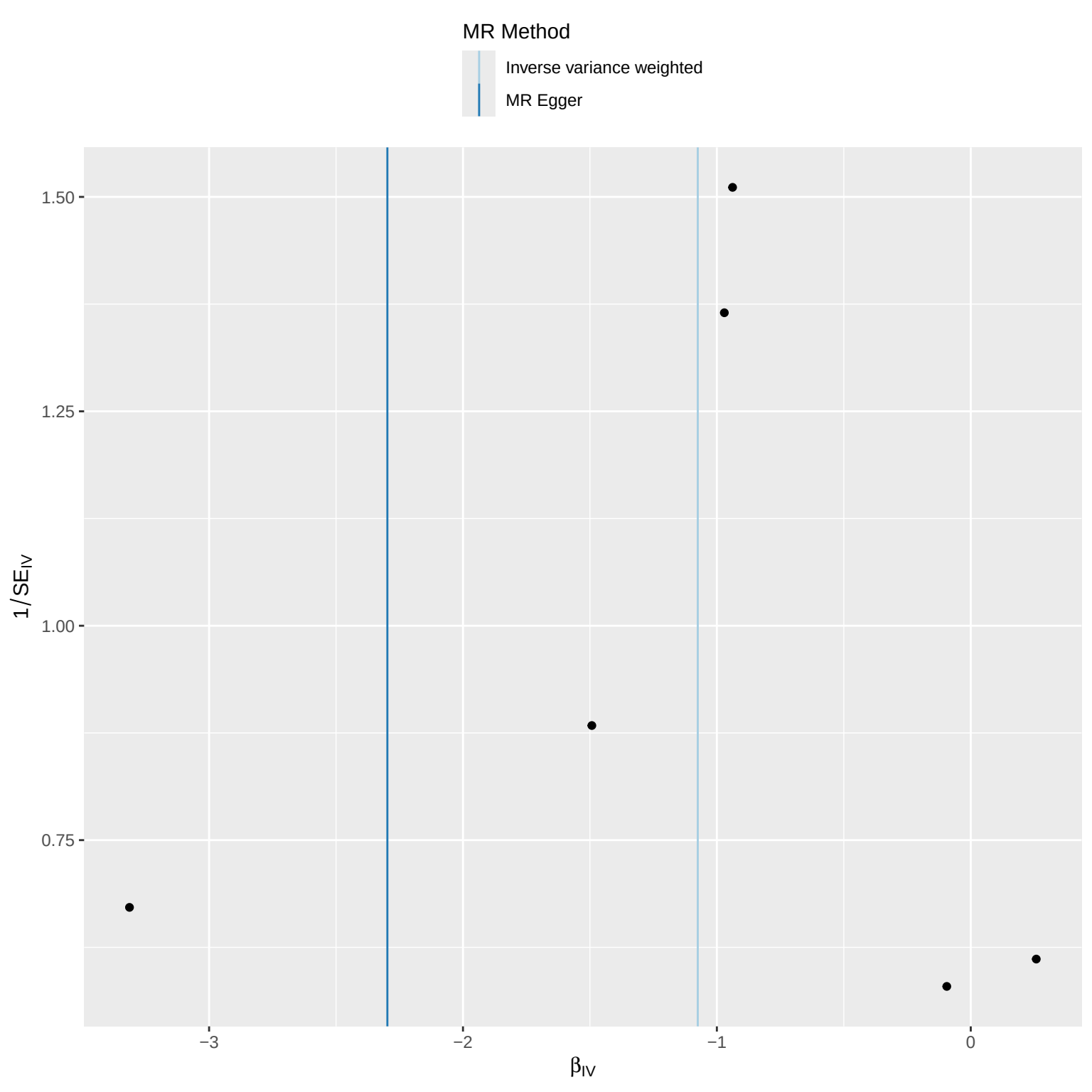

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

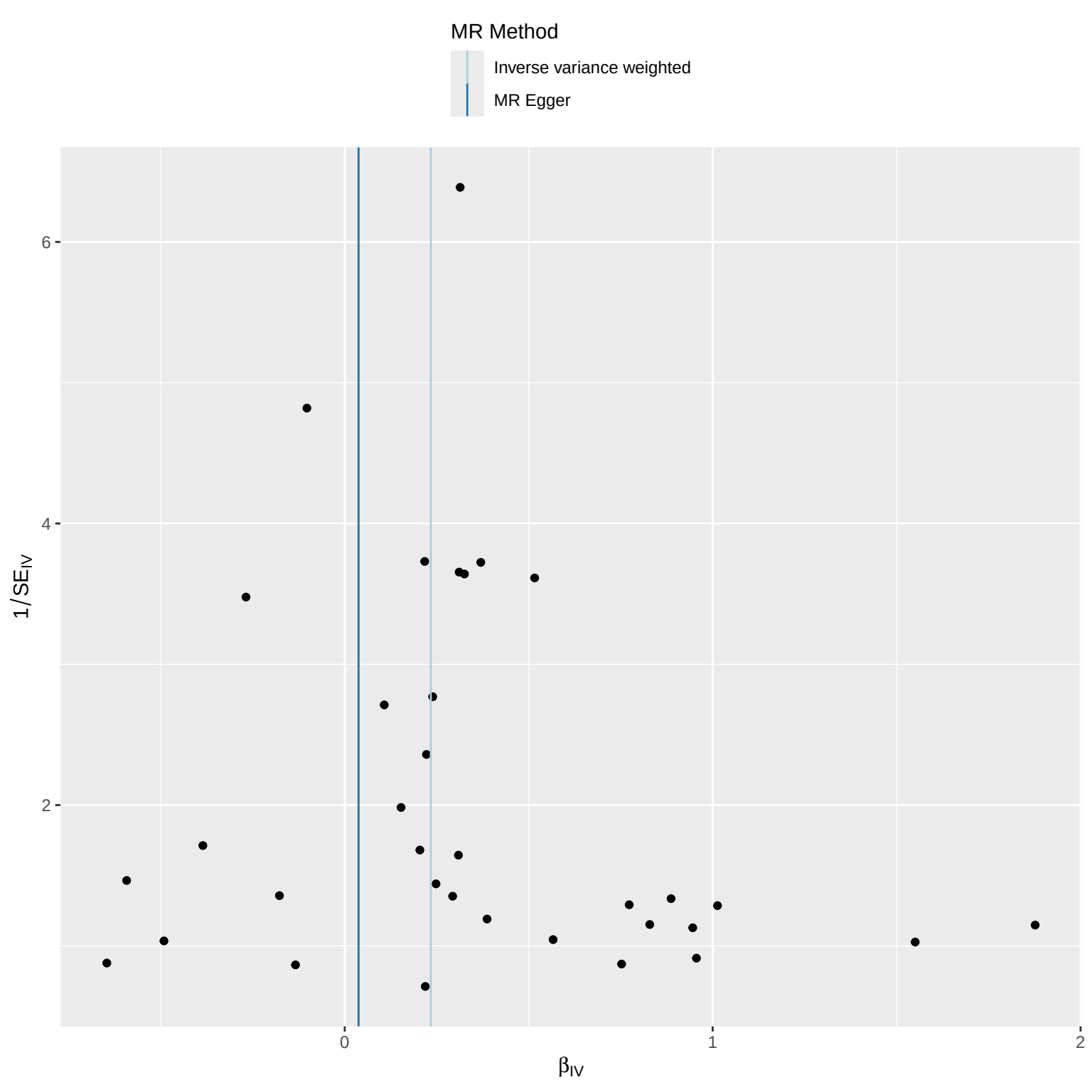

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−1
0
1
β_{IV}

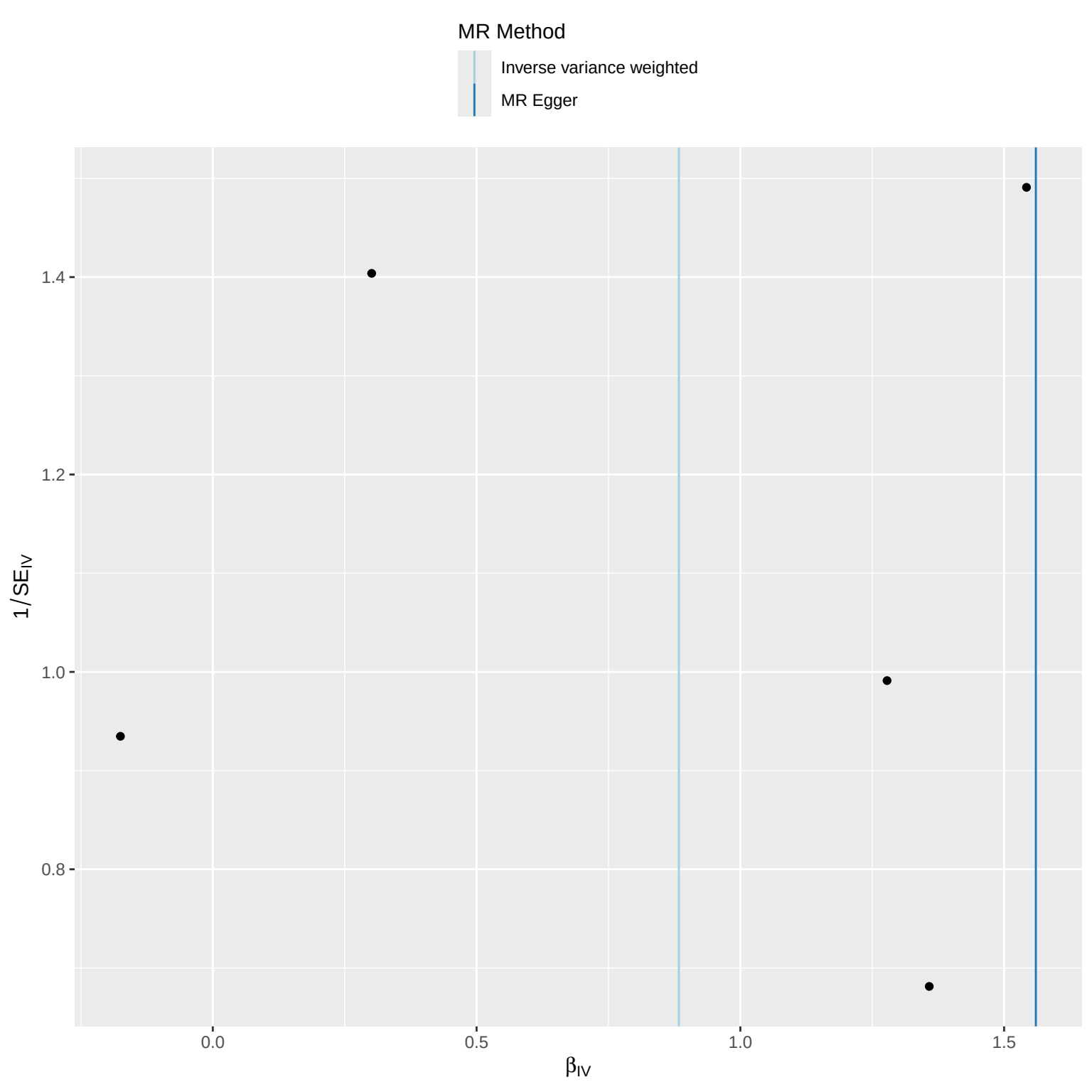

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−6
−4
−2
0
β_IV

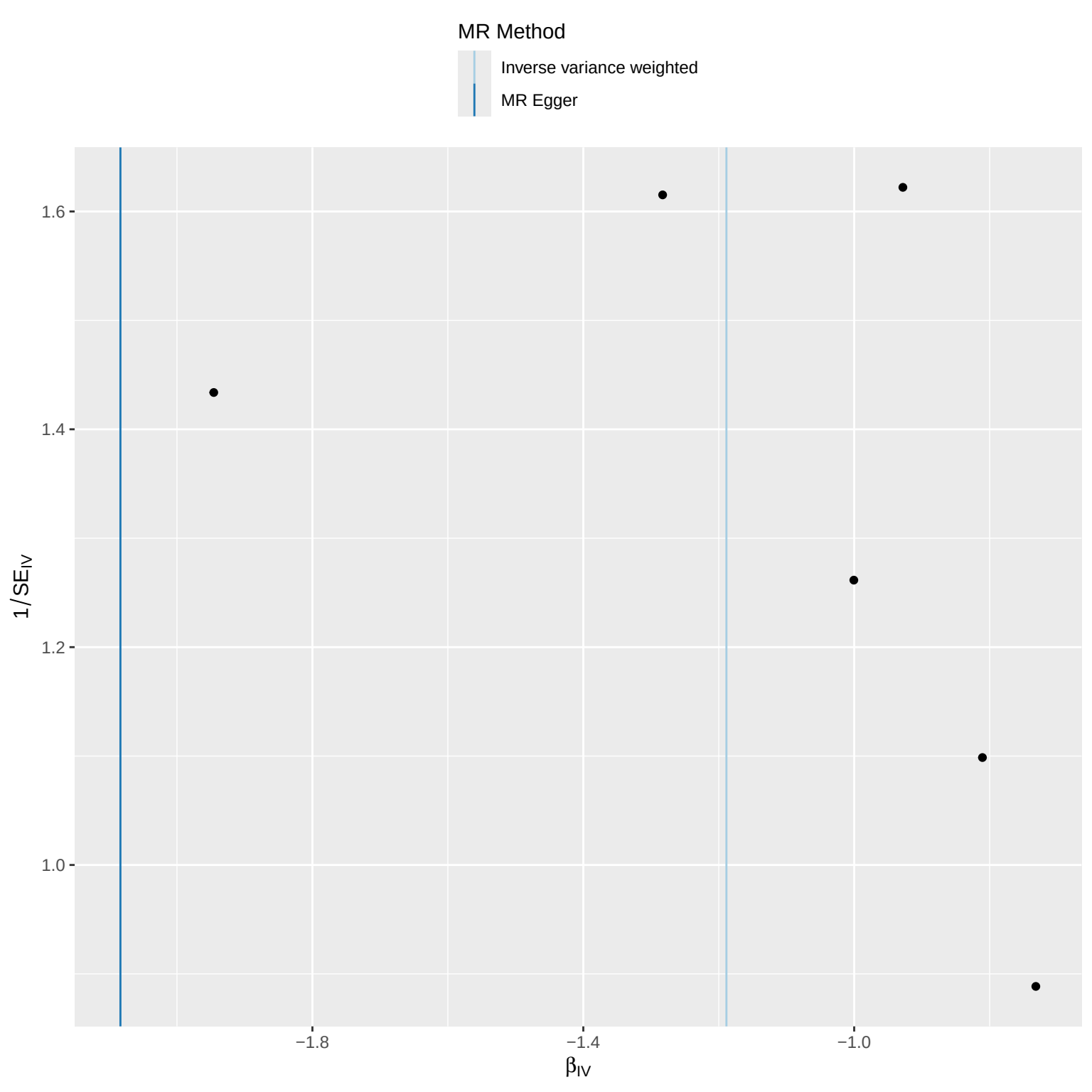

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

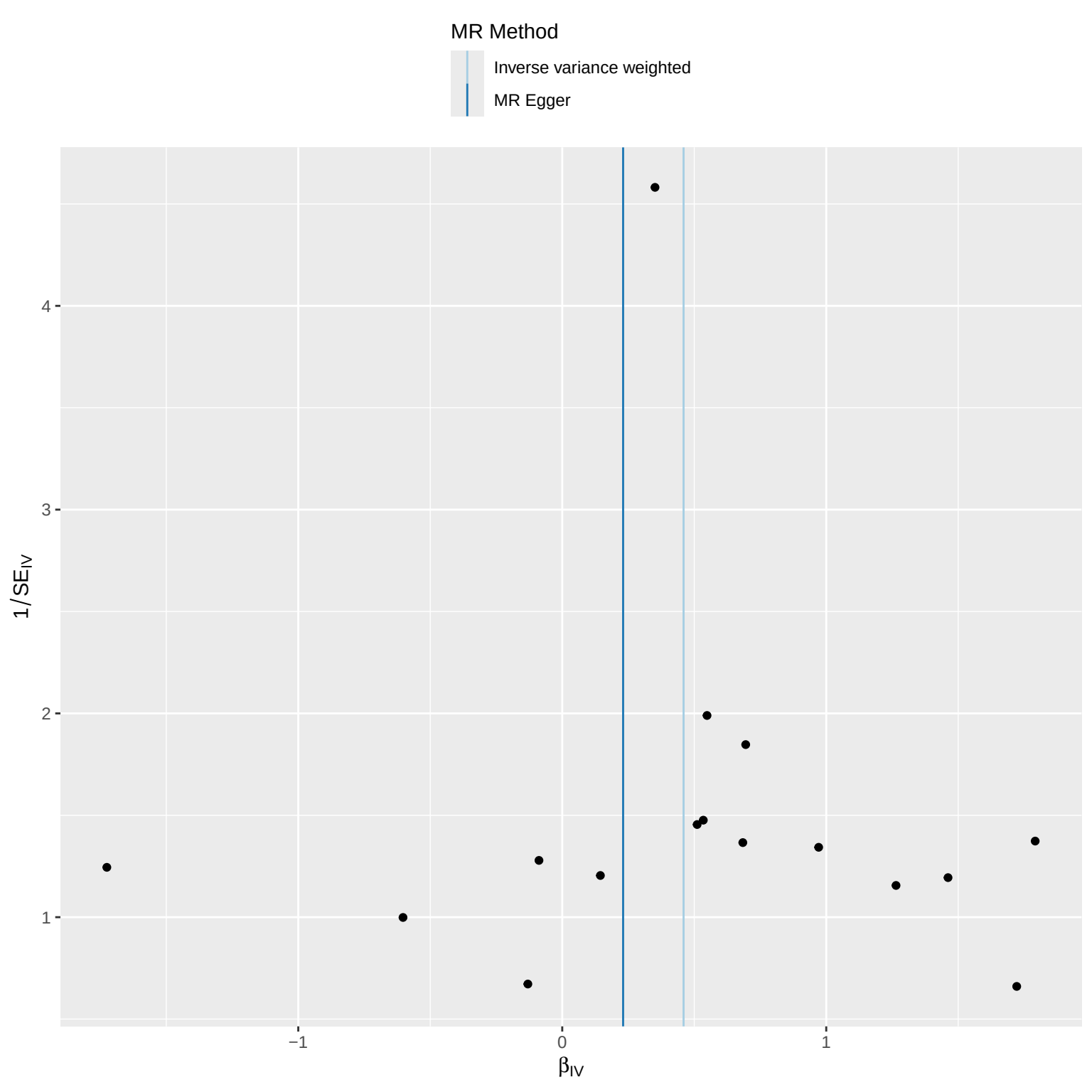

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

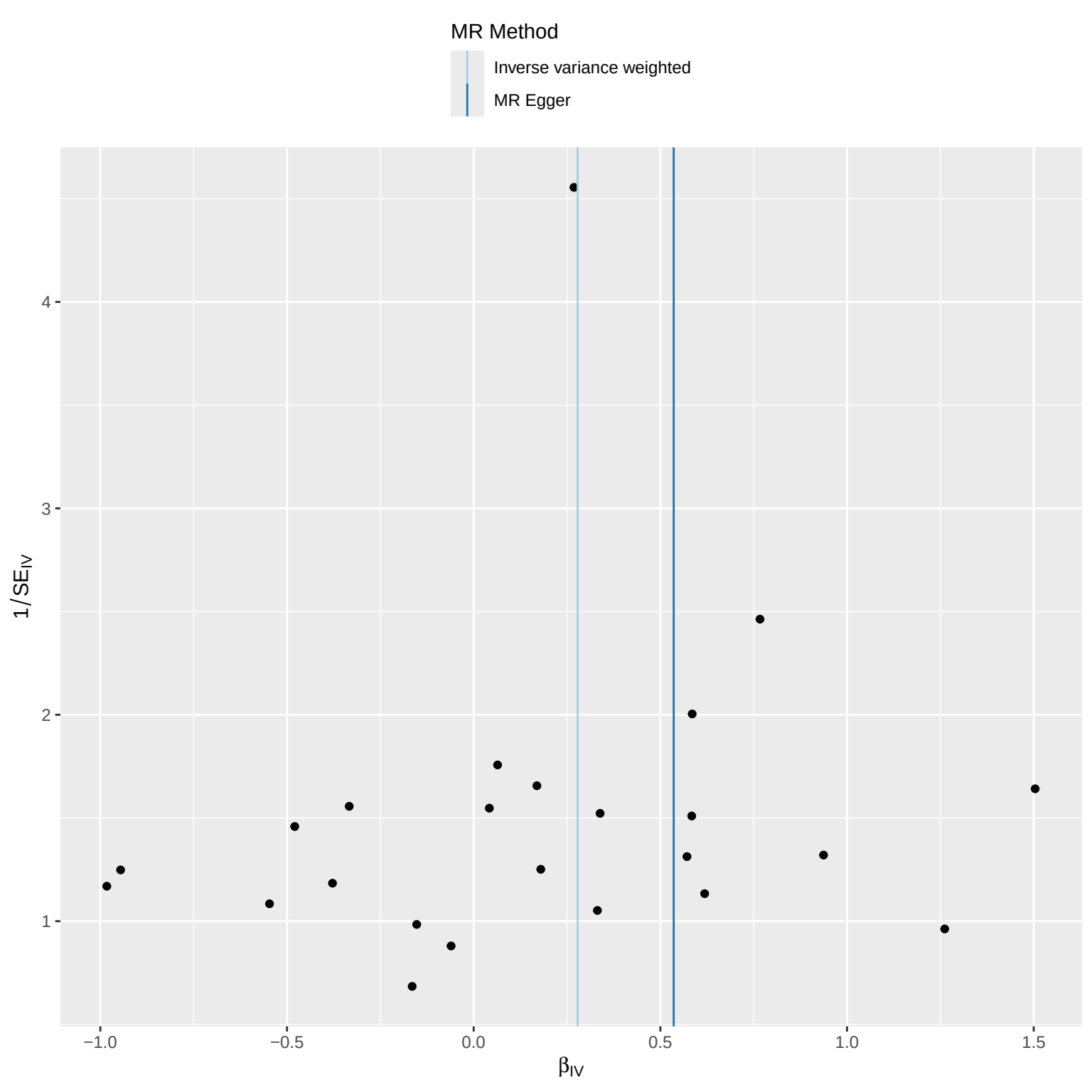

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−3
−2
−1
0
β_IV

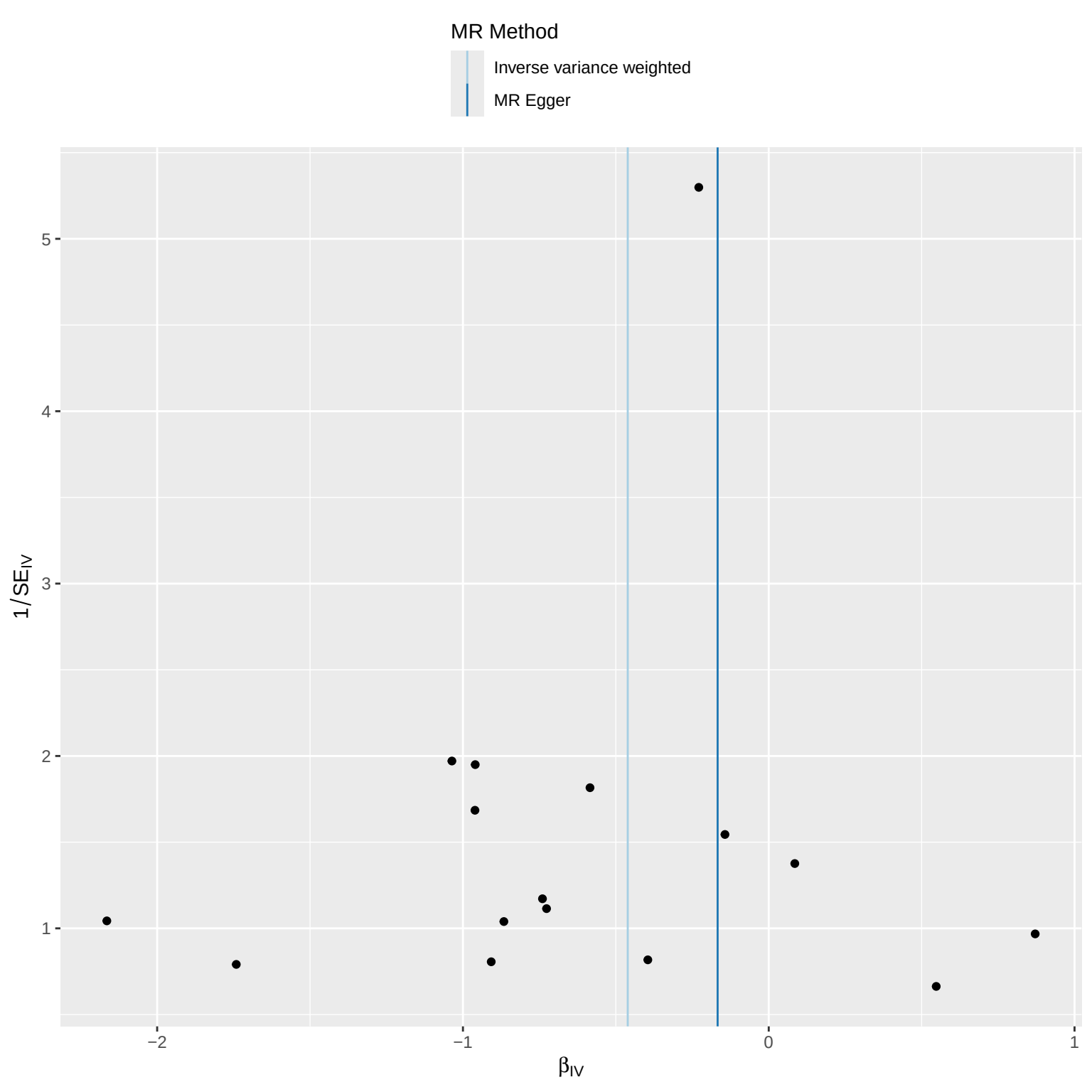

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

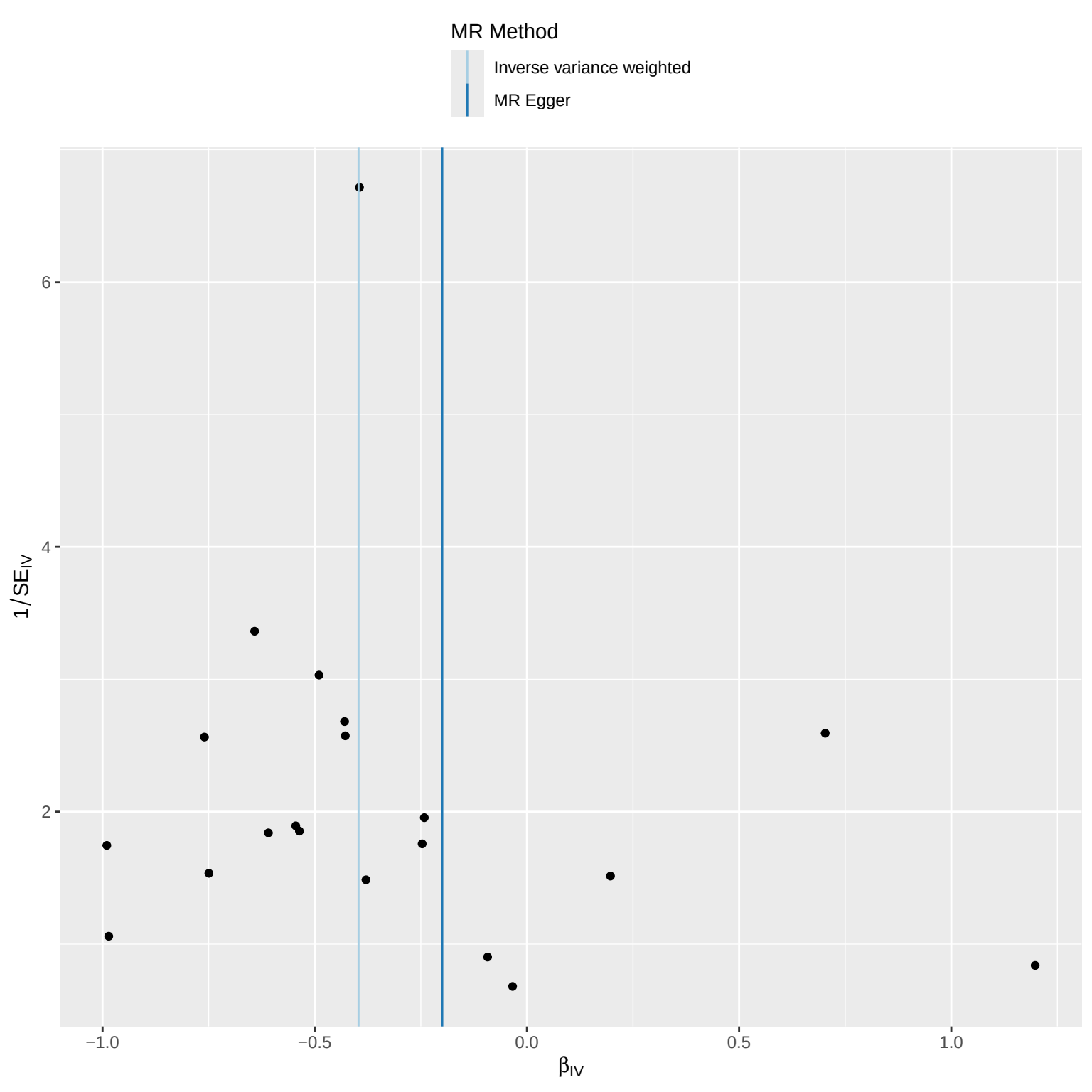

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

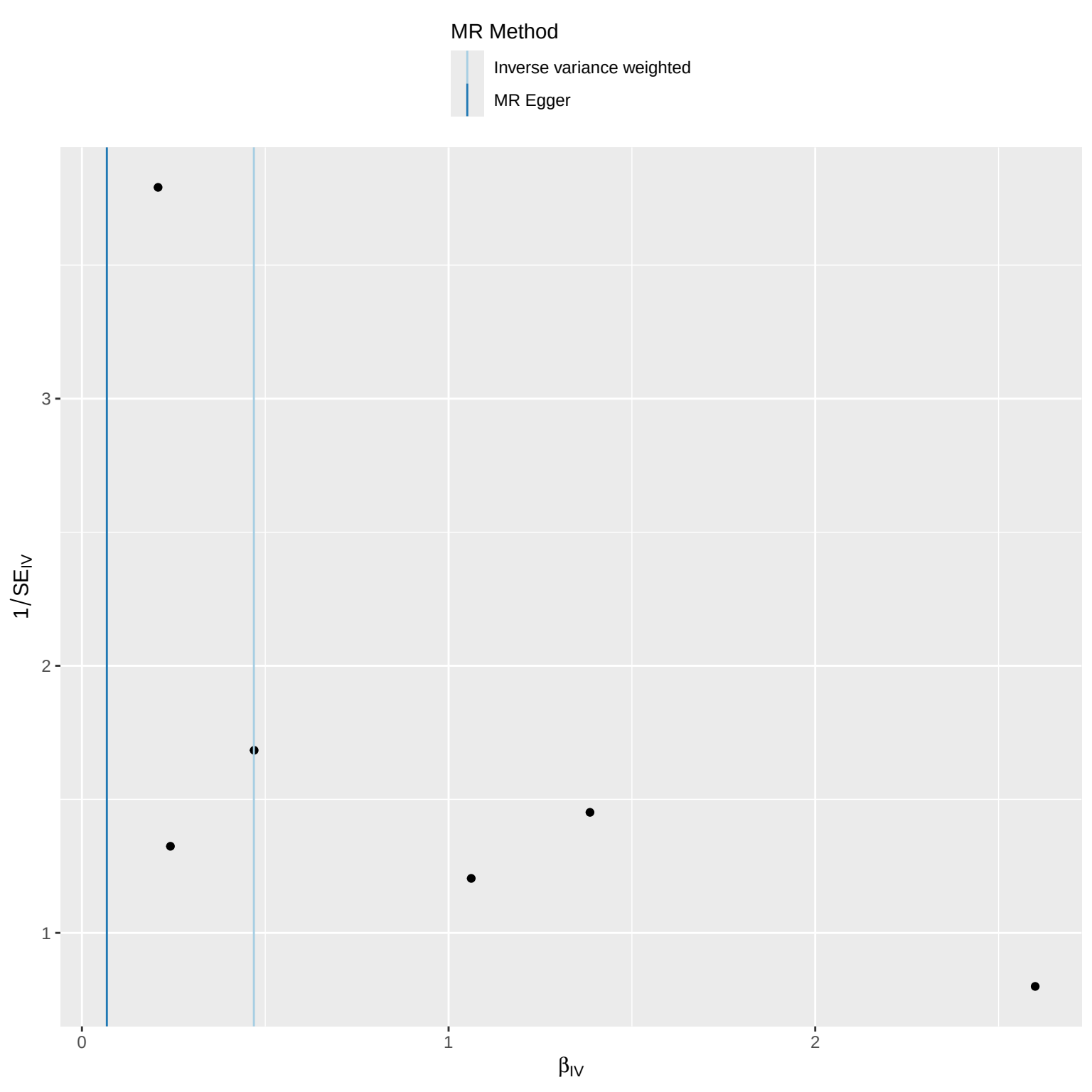

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
1/SE_IV
−1.8
−1.4
−1.0
β_IV

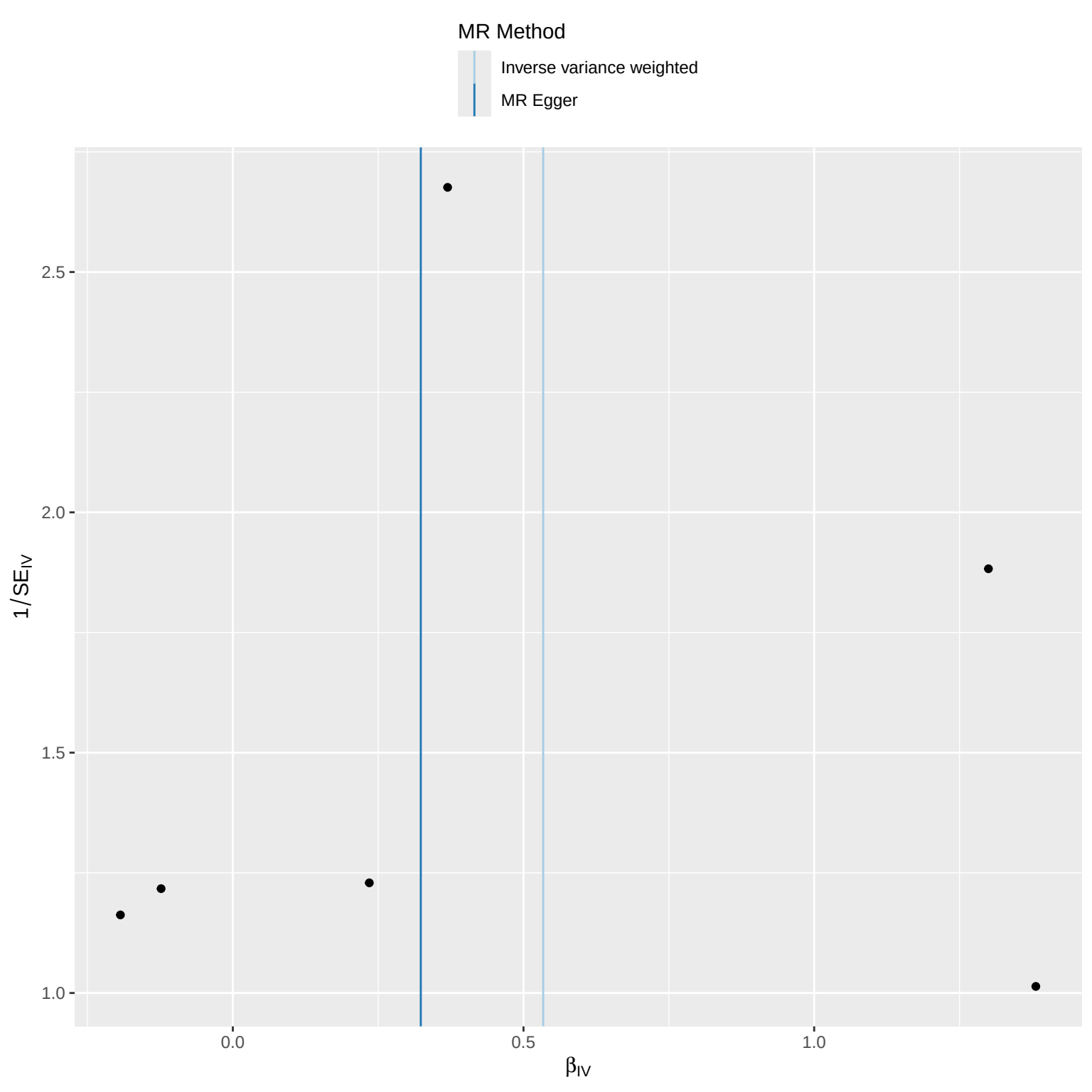

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

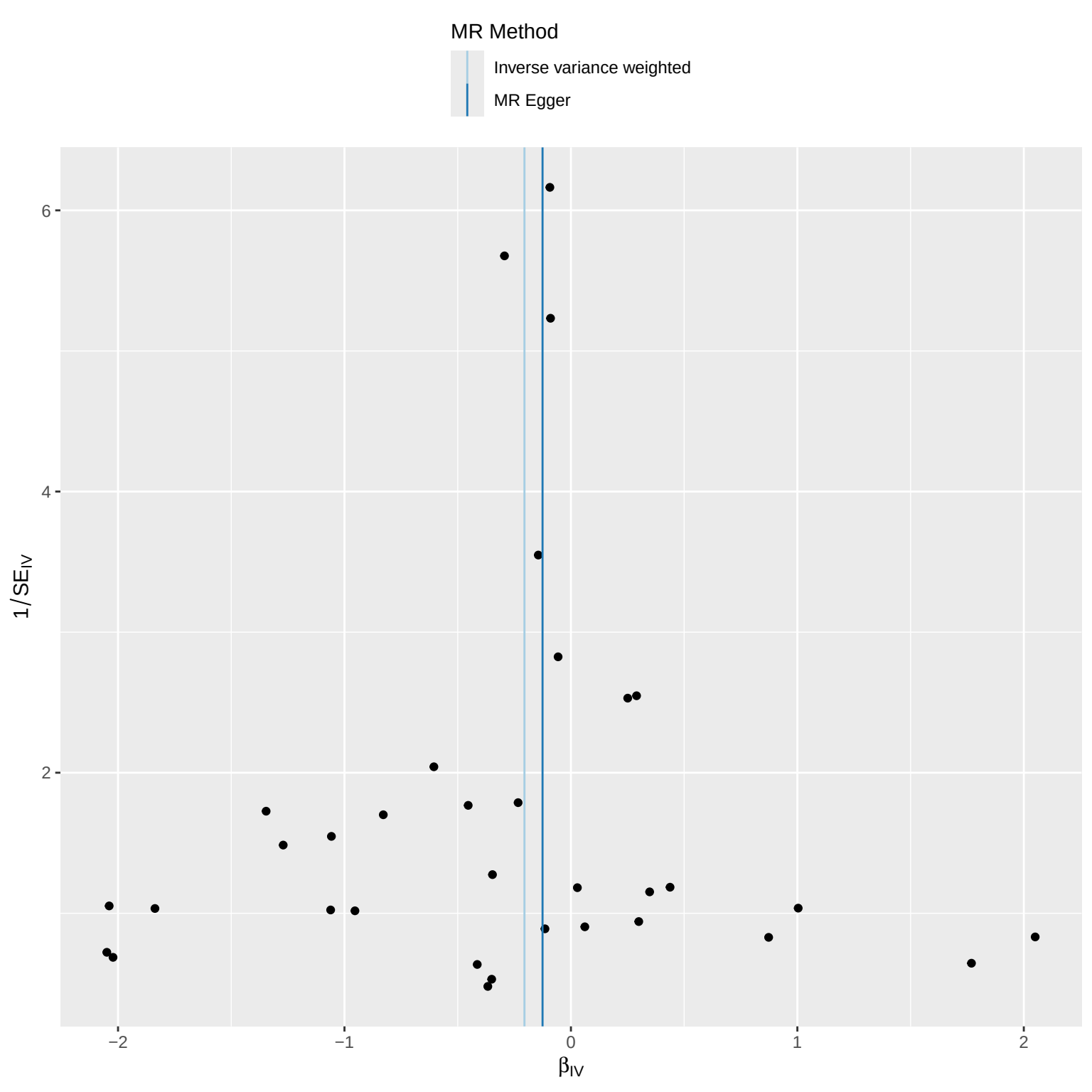

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

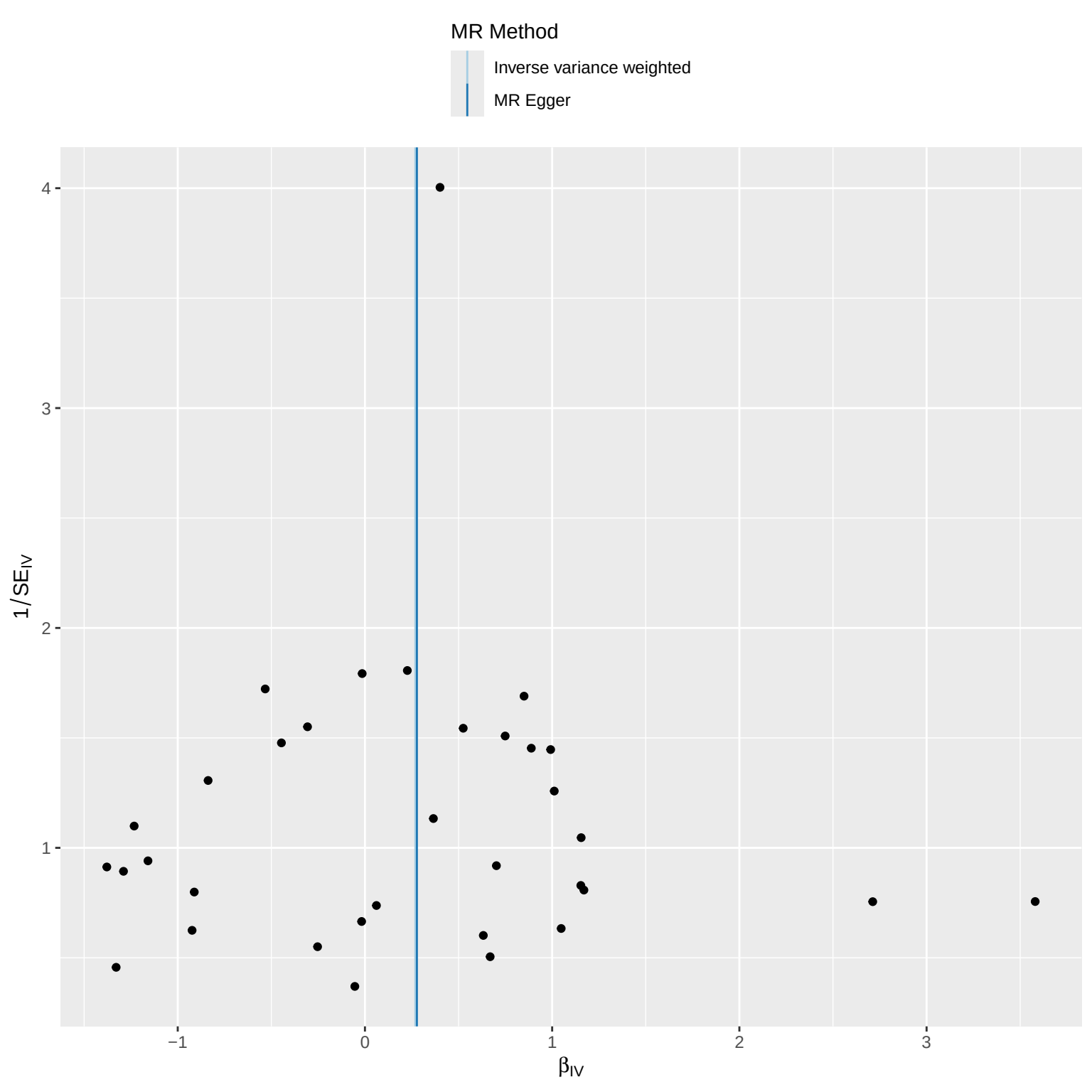

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

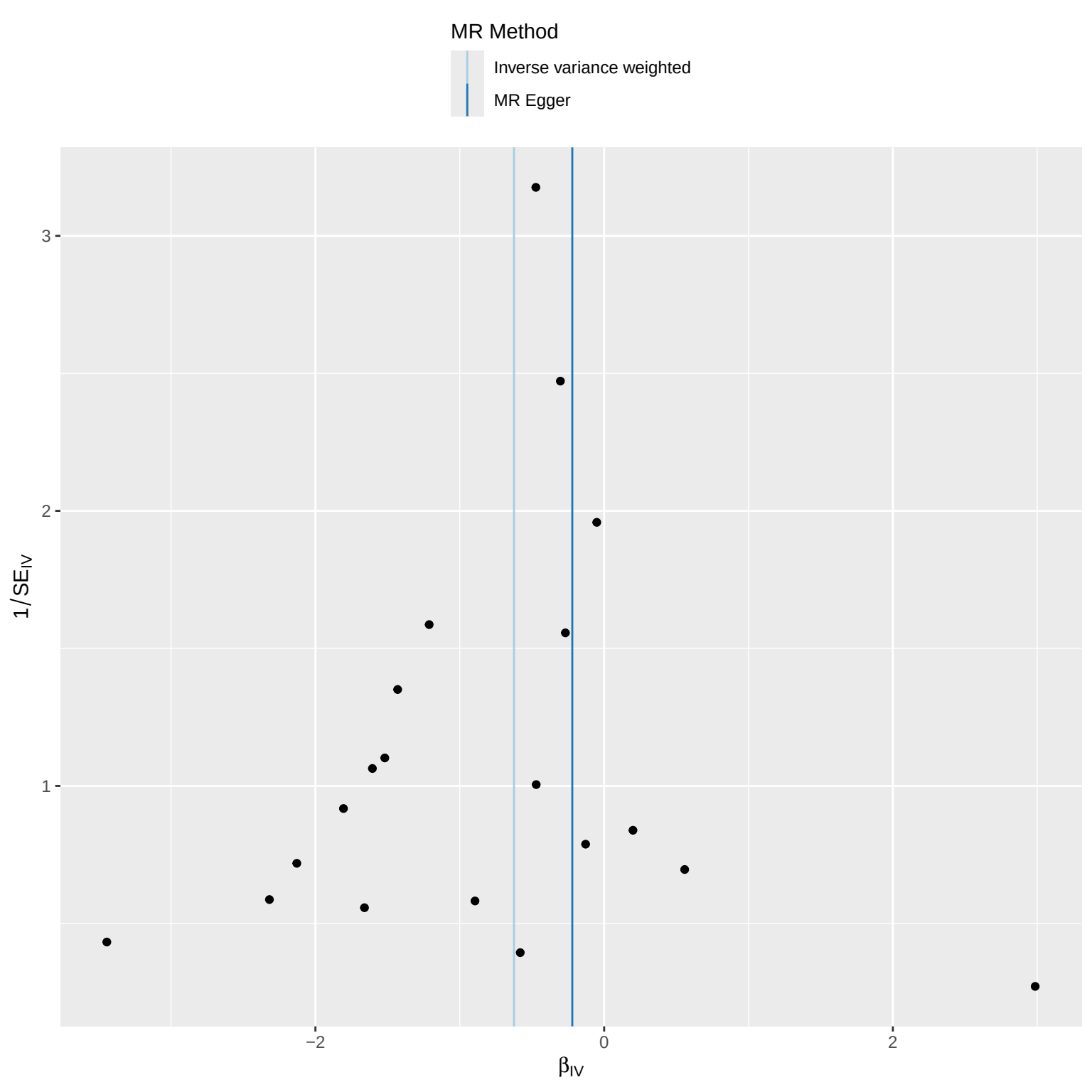

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

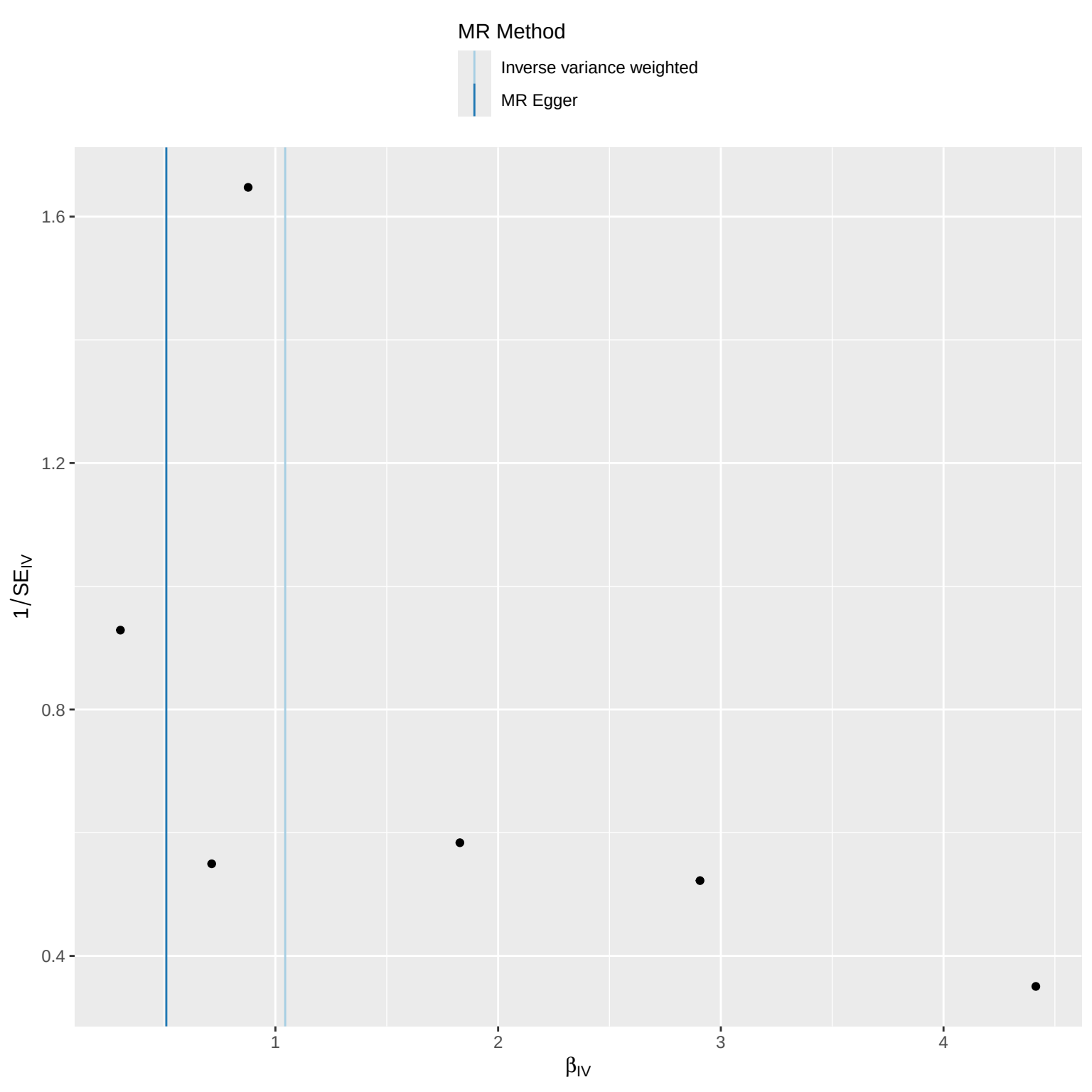

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
1/SE_IV
β_IV

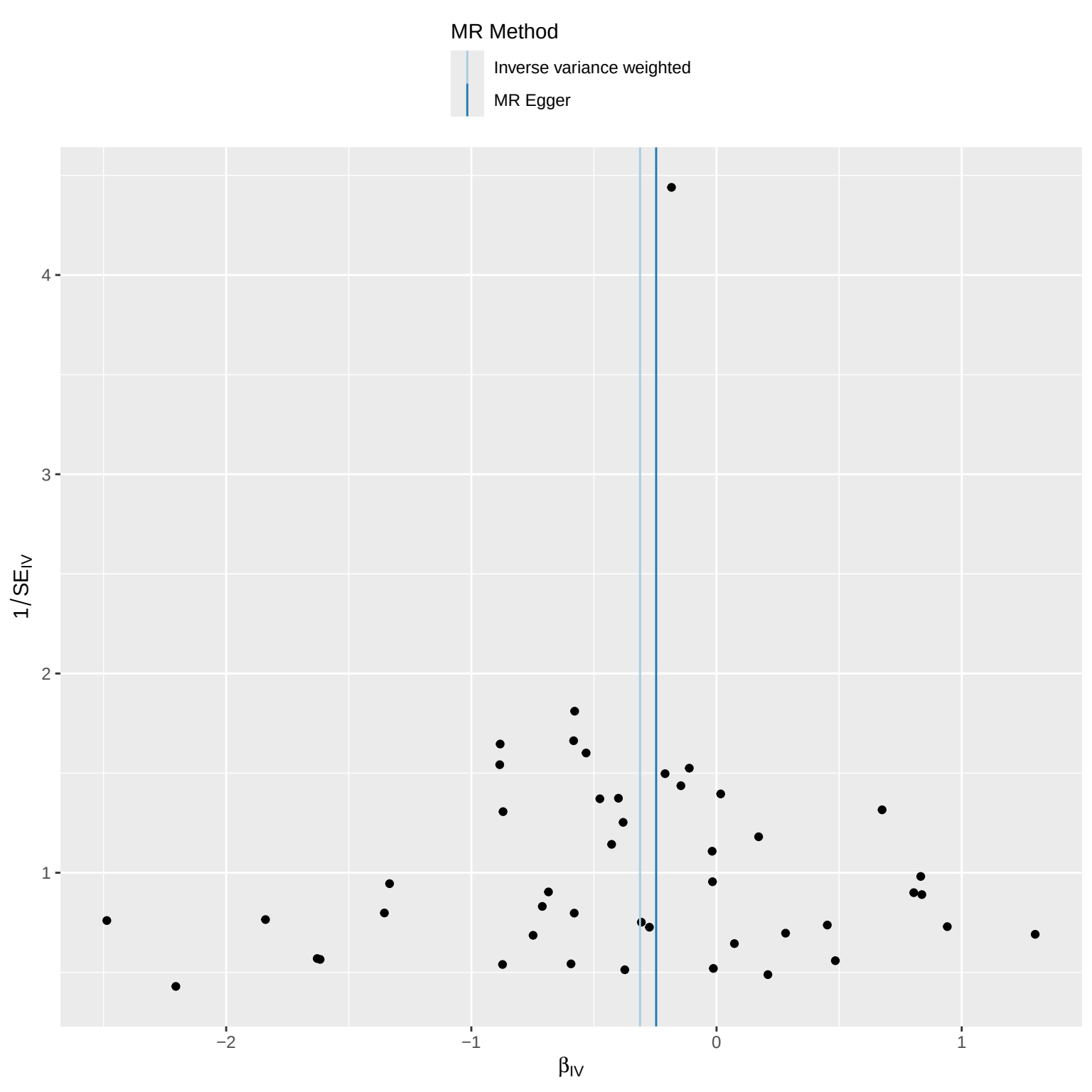

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
β_IV

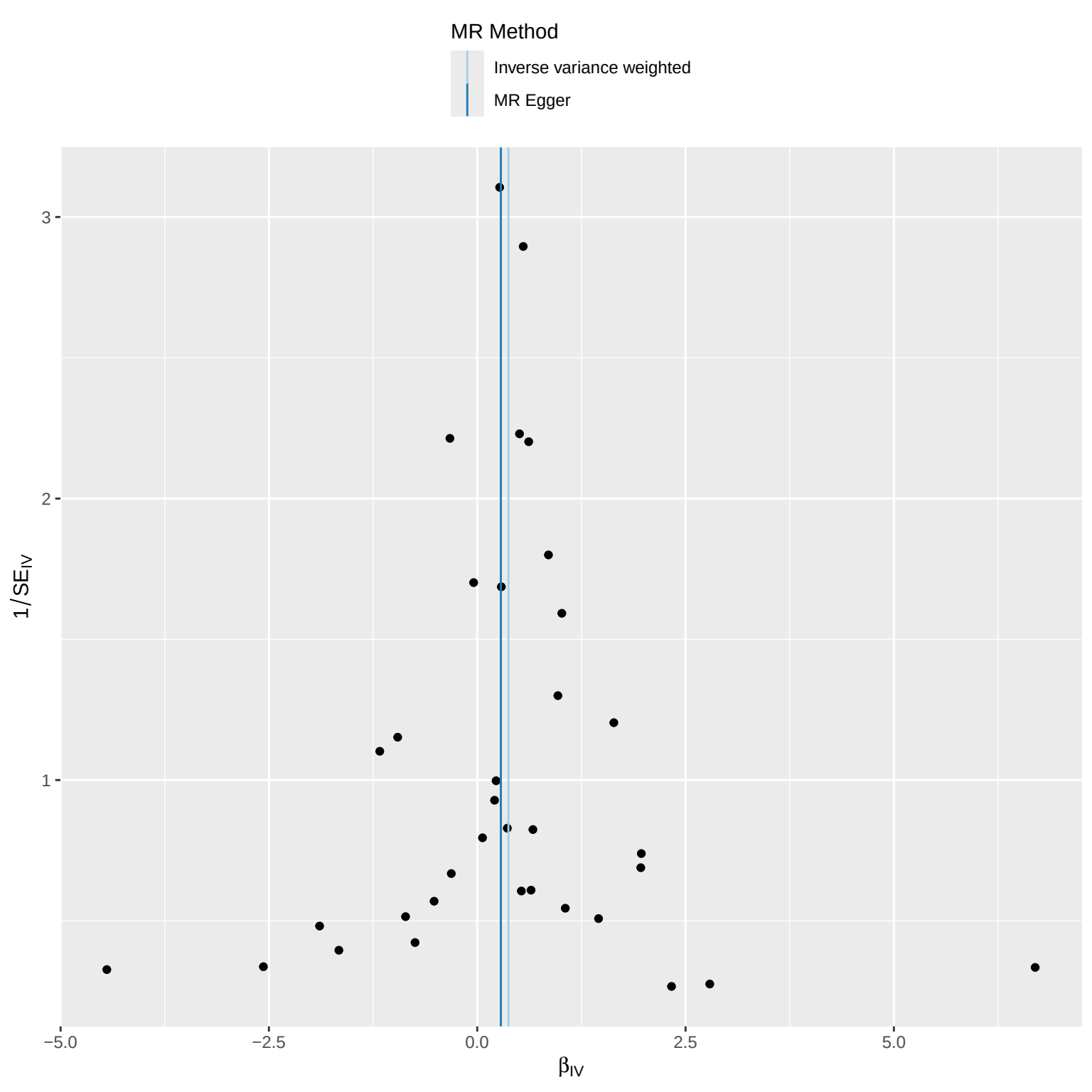

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

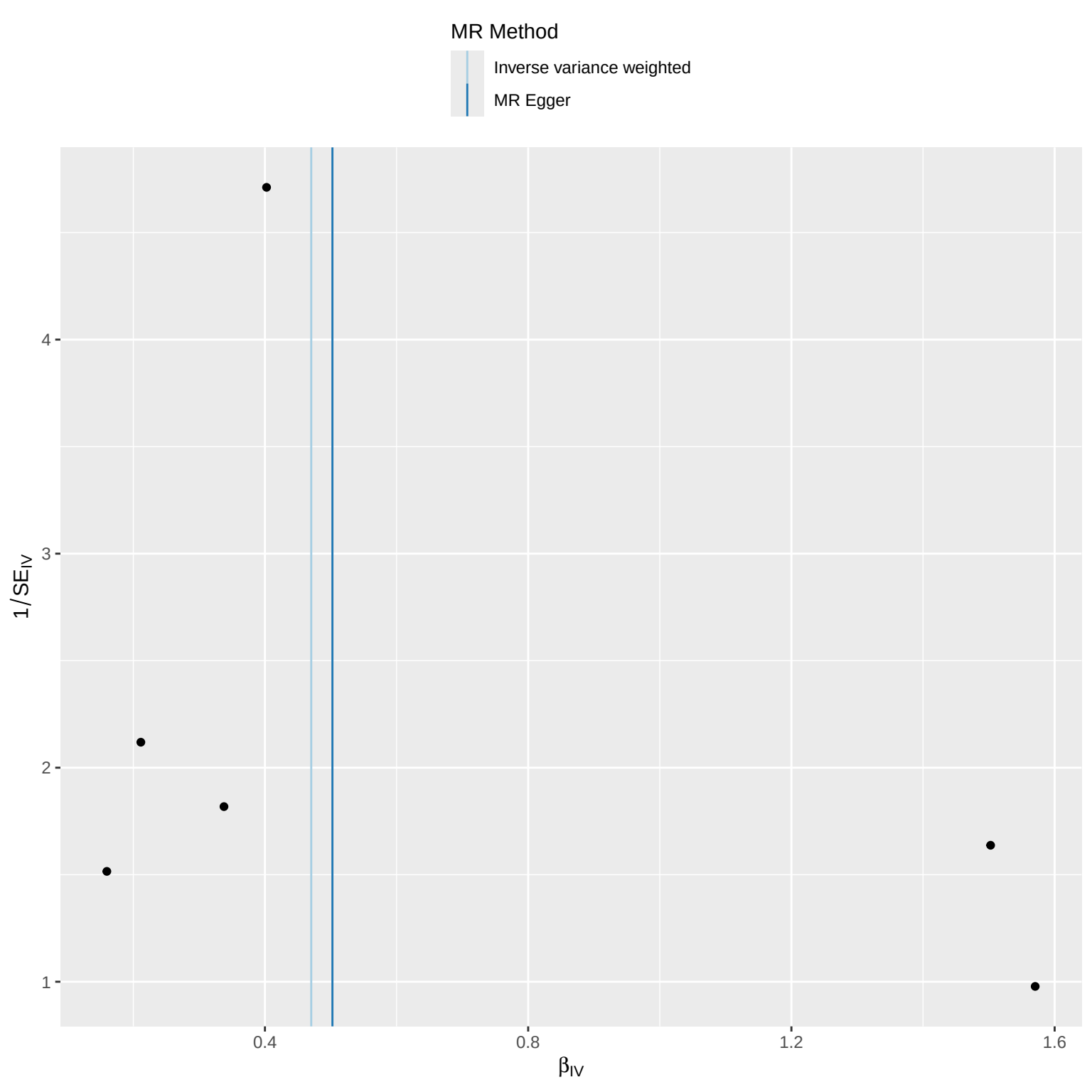

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

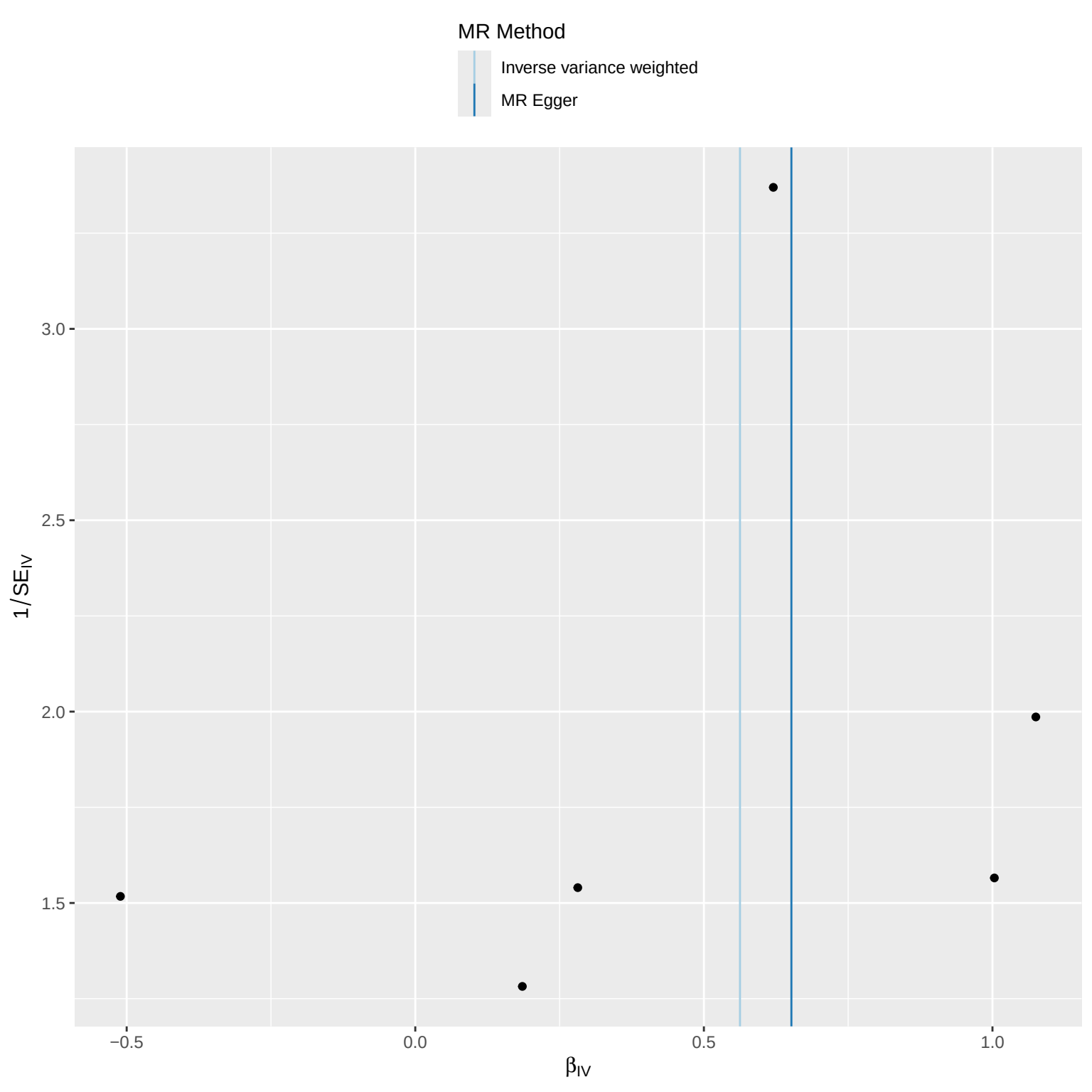

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

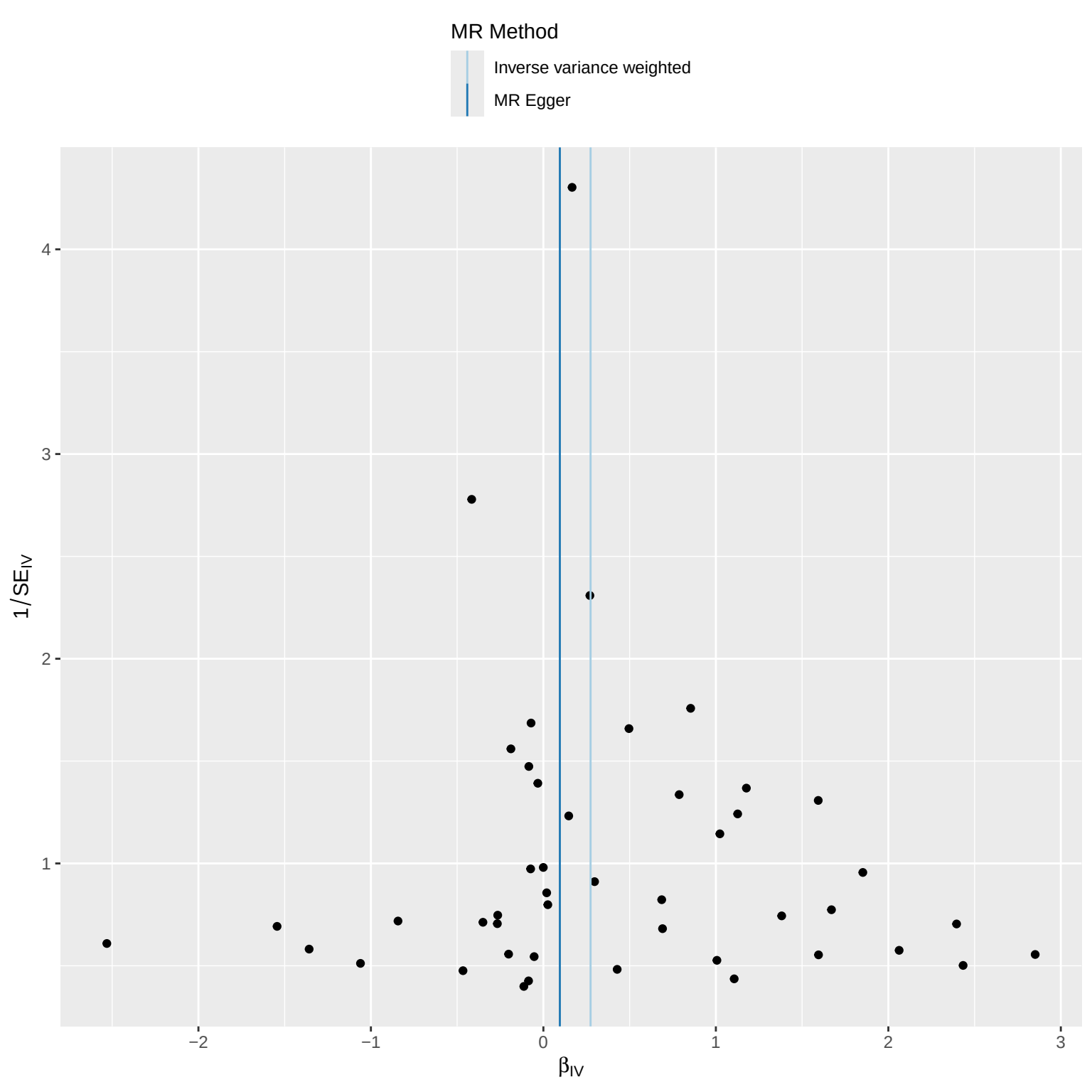

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
1
2
3
4
β_IV

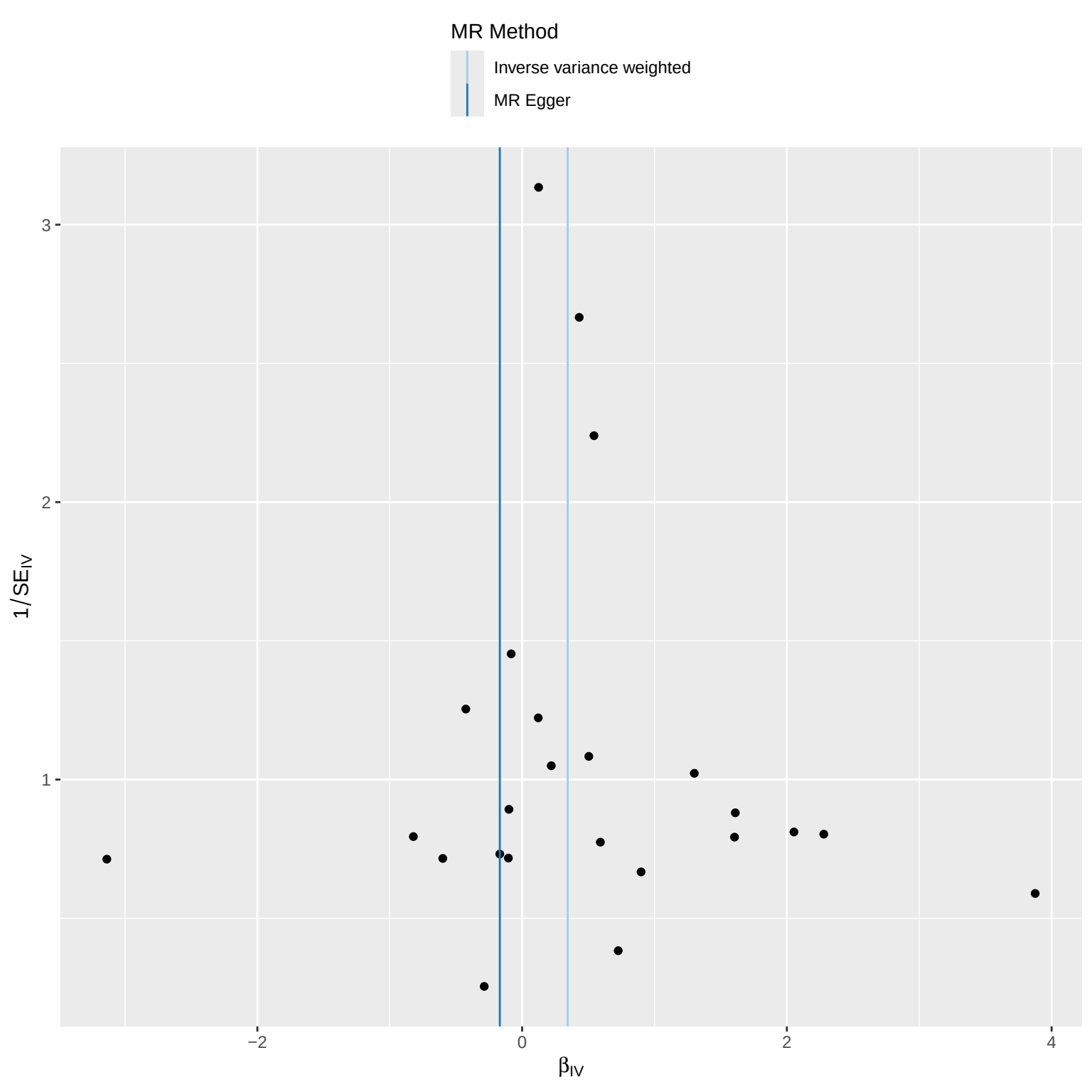

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

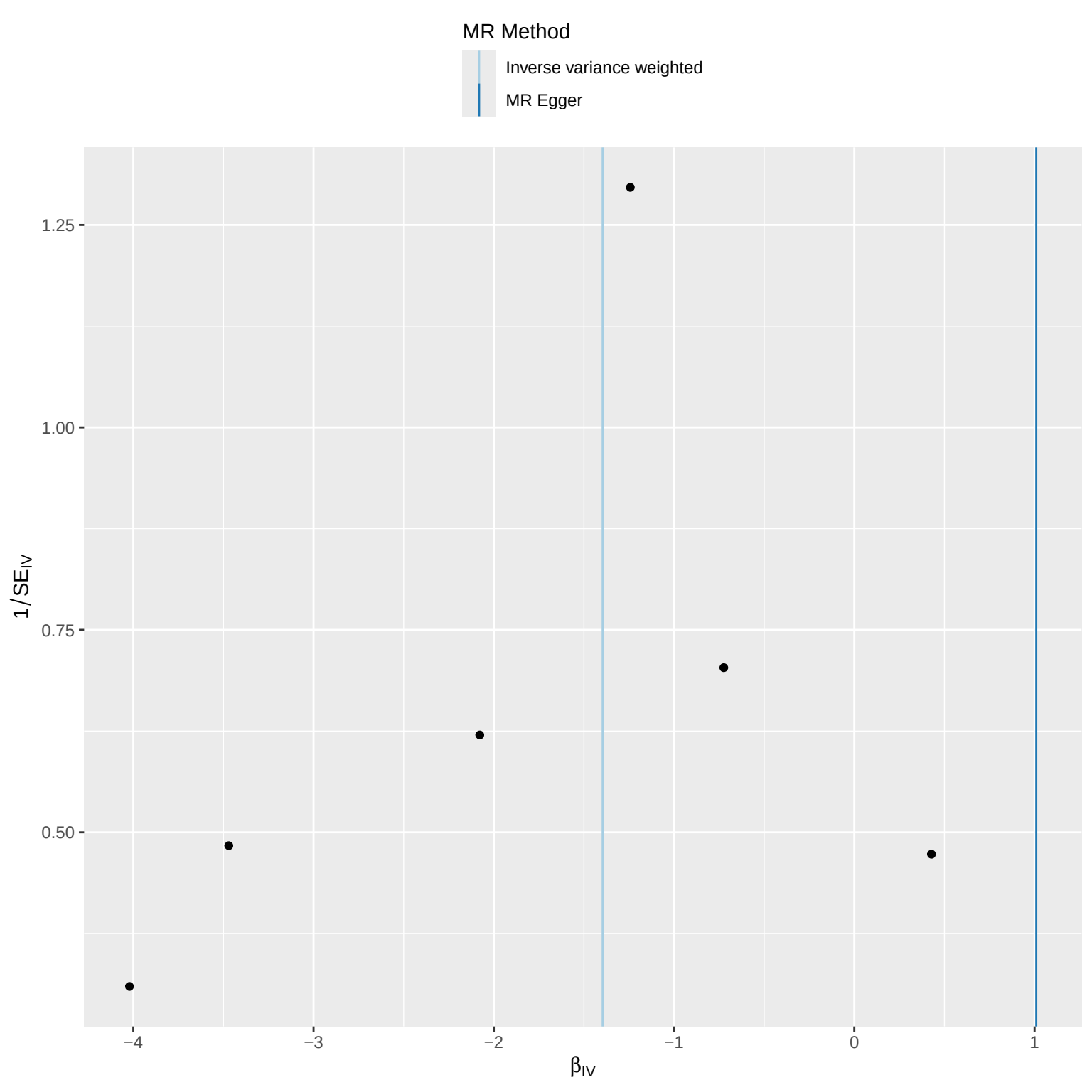

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

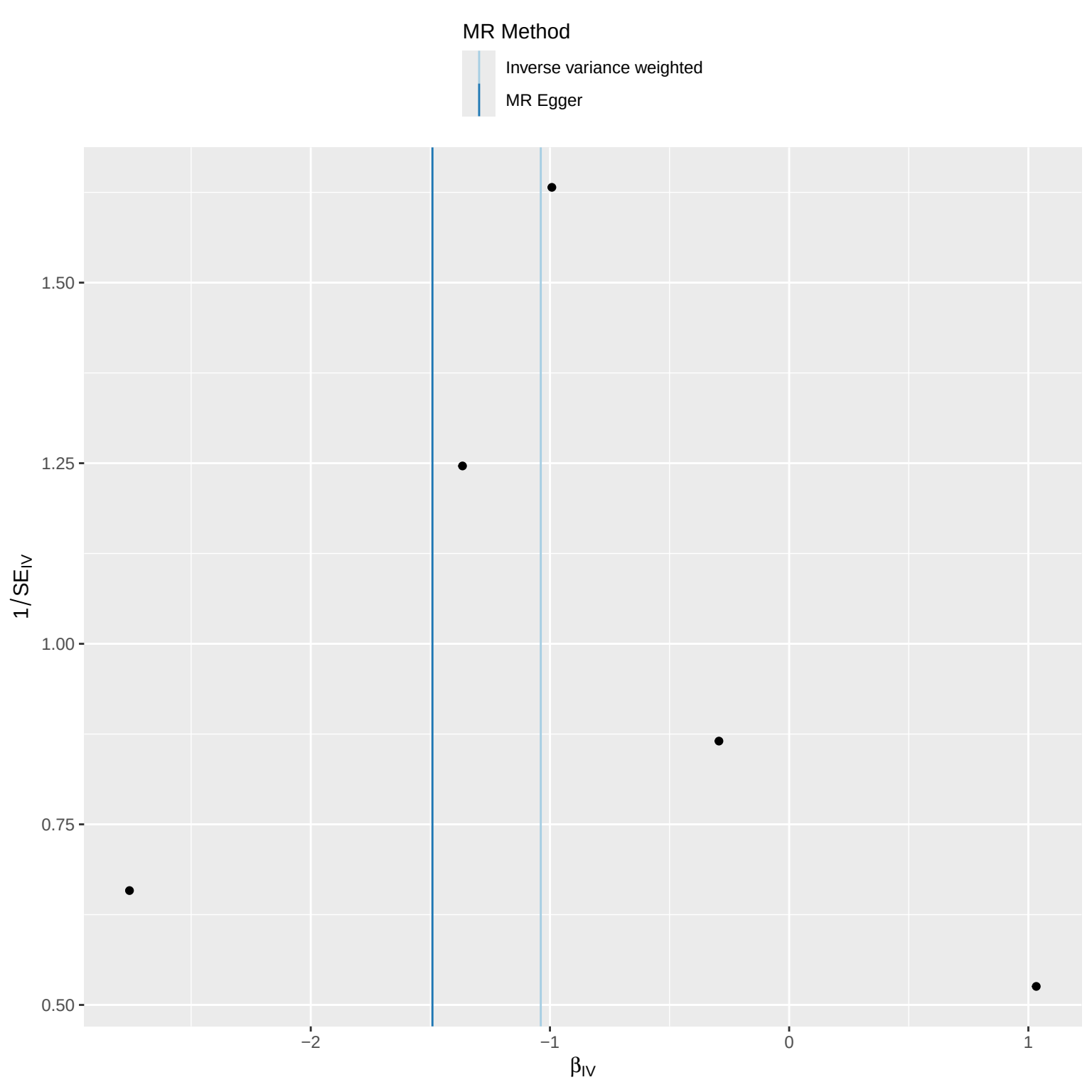

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
0.4
0.8
1.2
1.6
β_IV

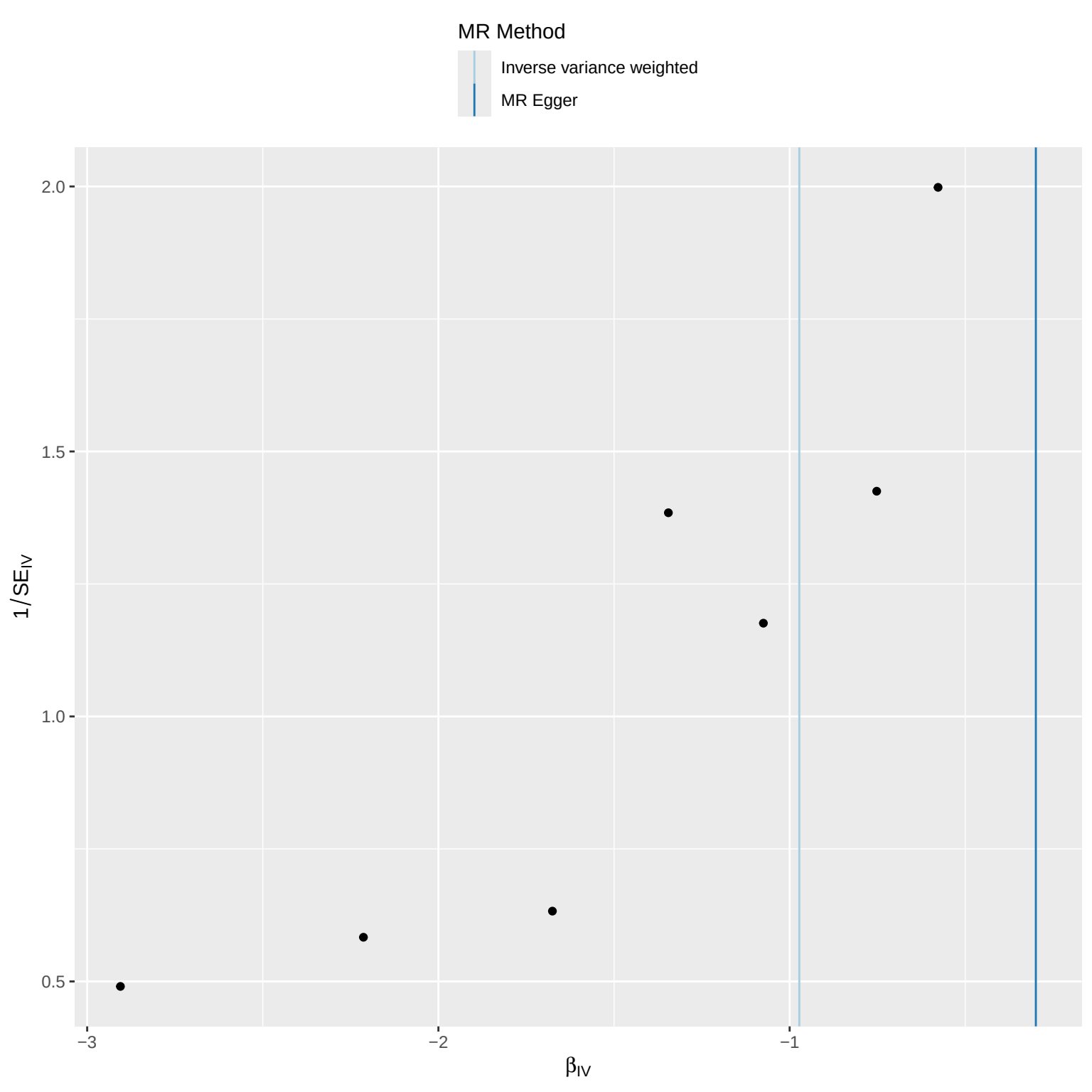

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

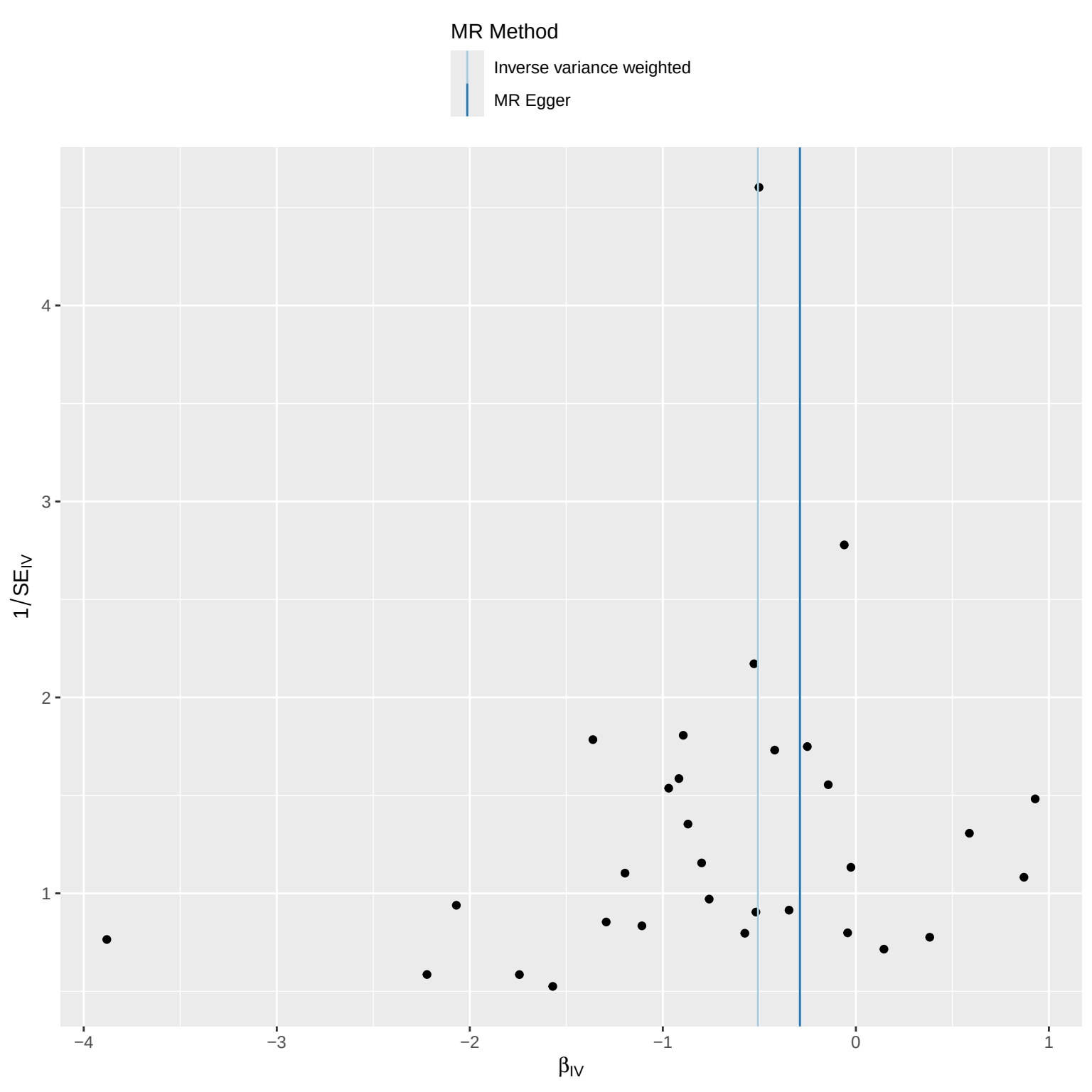

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

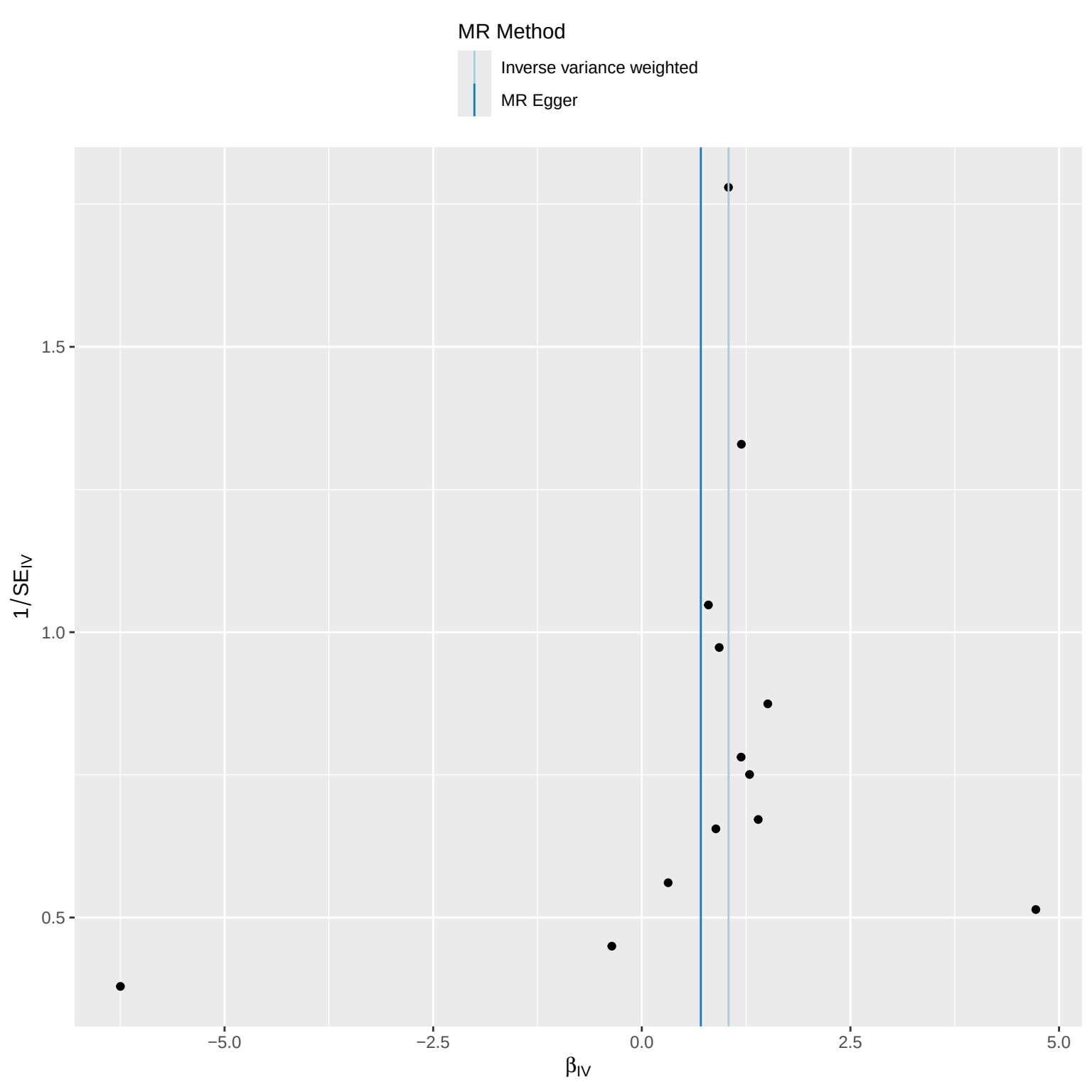

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

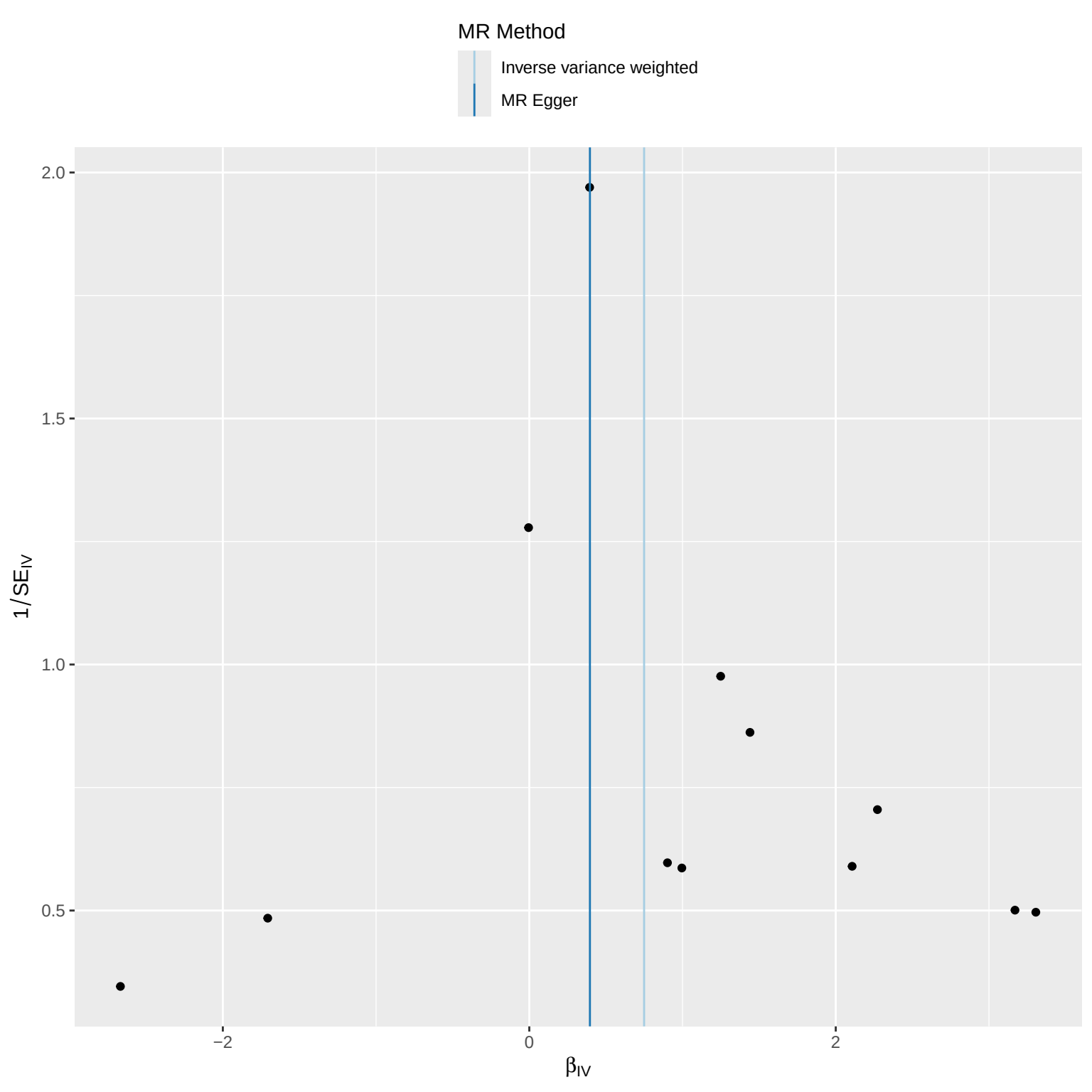

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

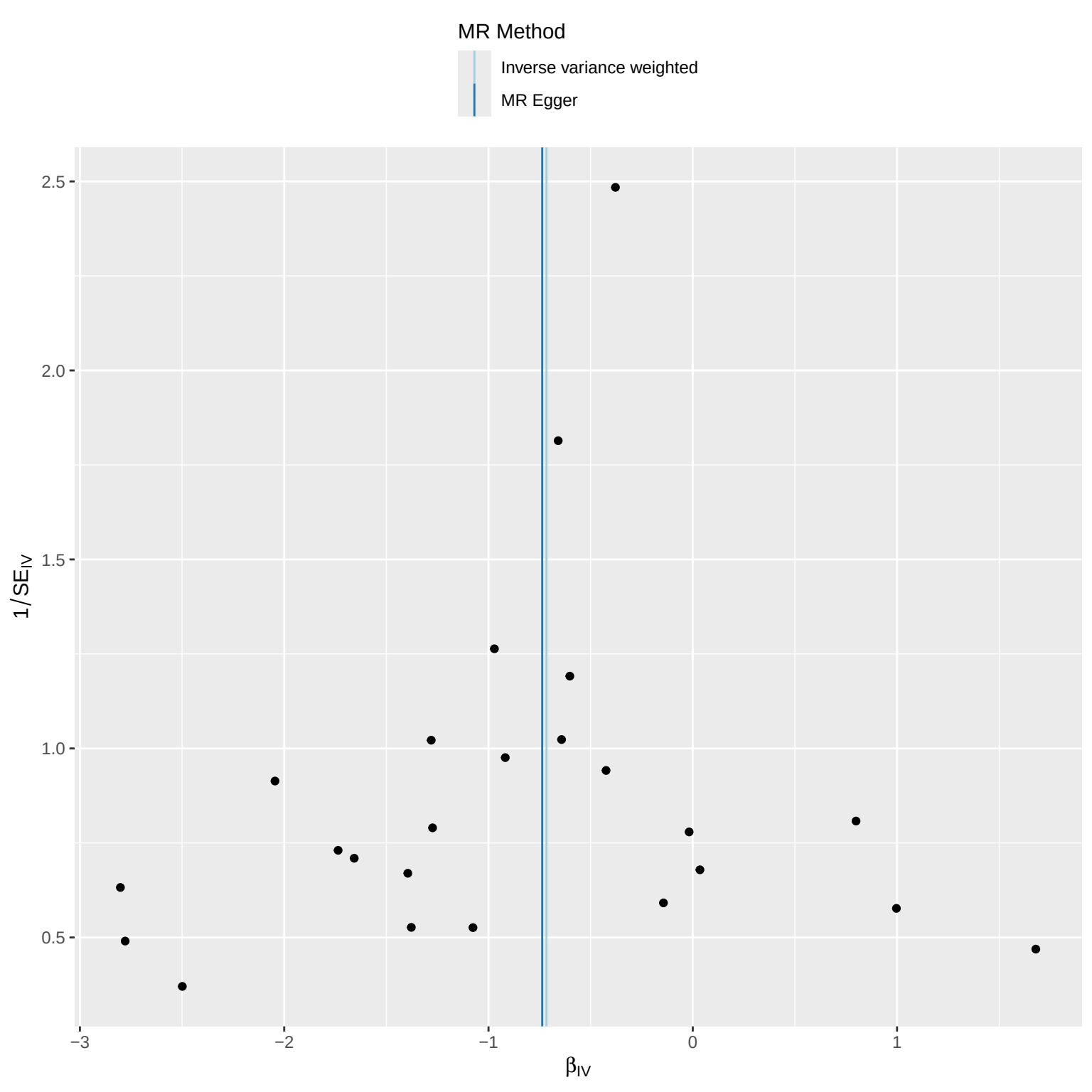

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
β_IV

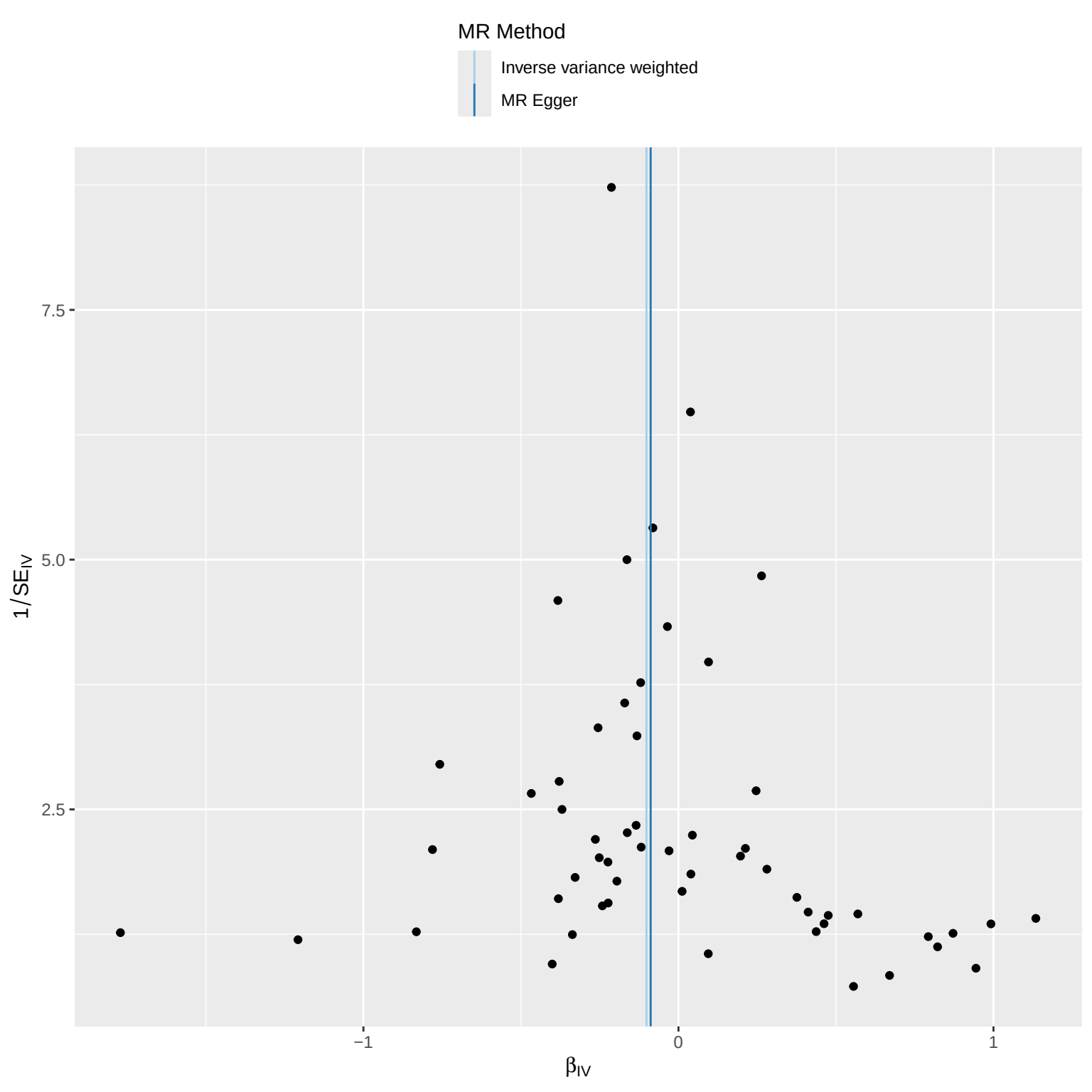

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
β_IV

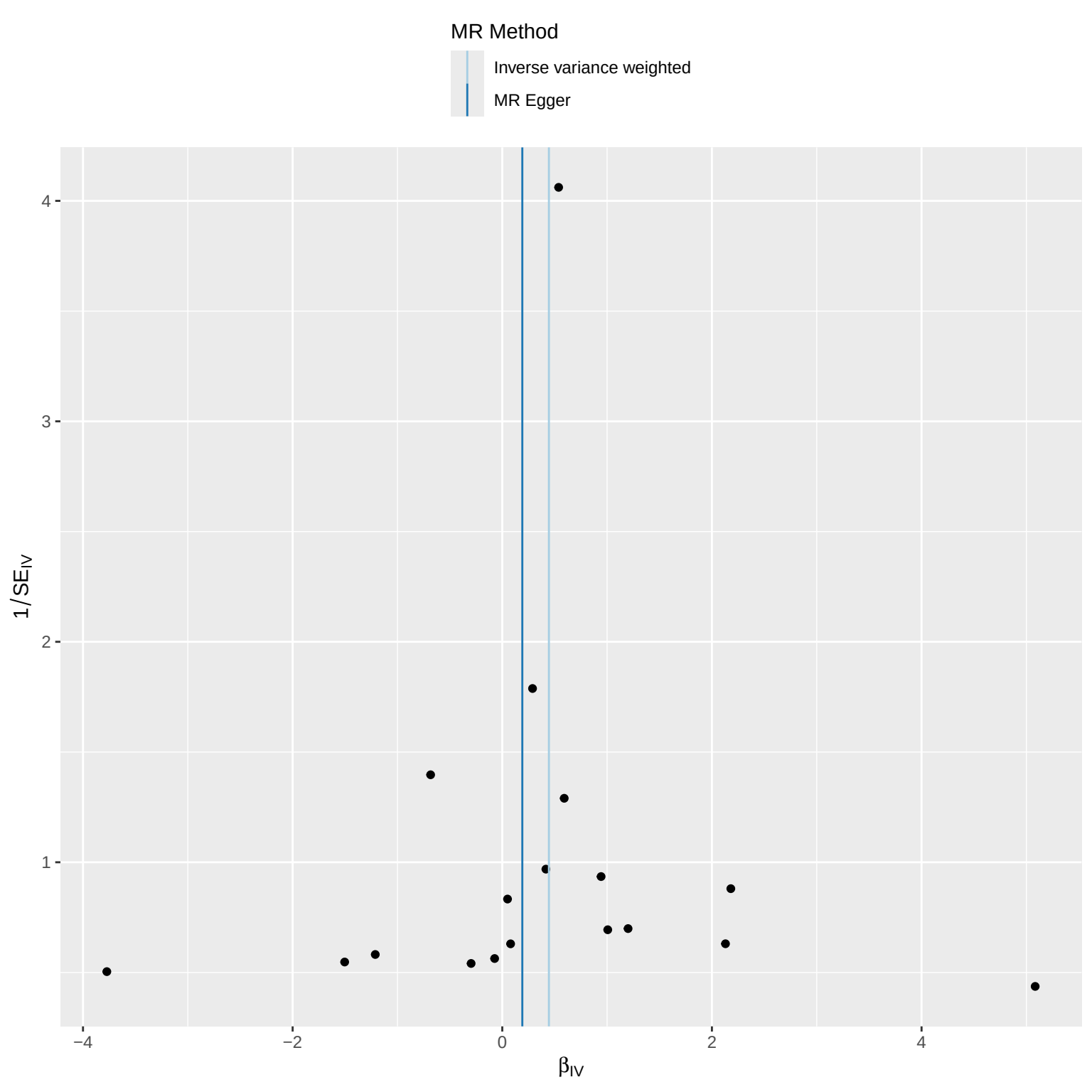

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−4
−3
−2
−1
0
1

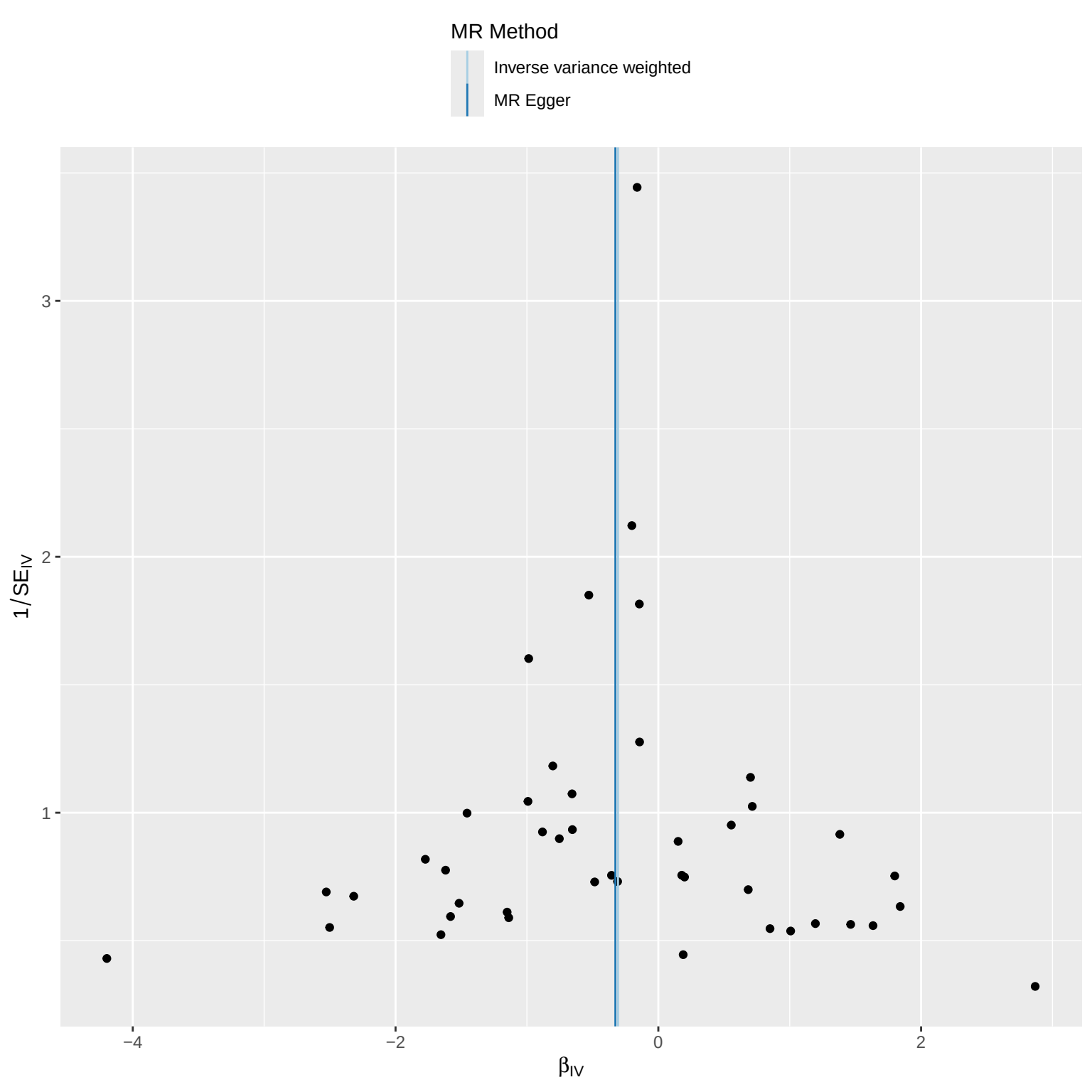

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

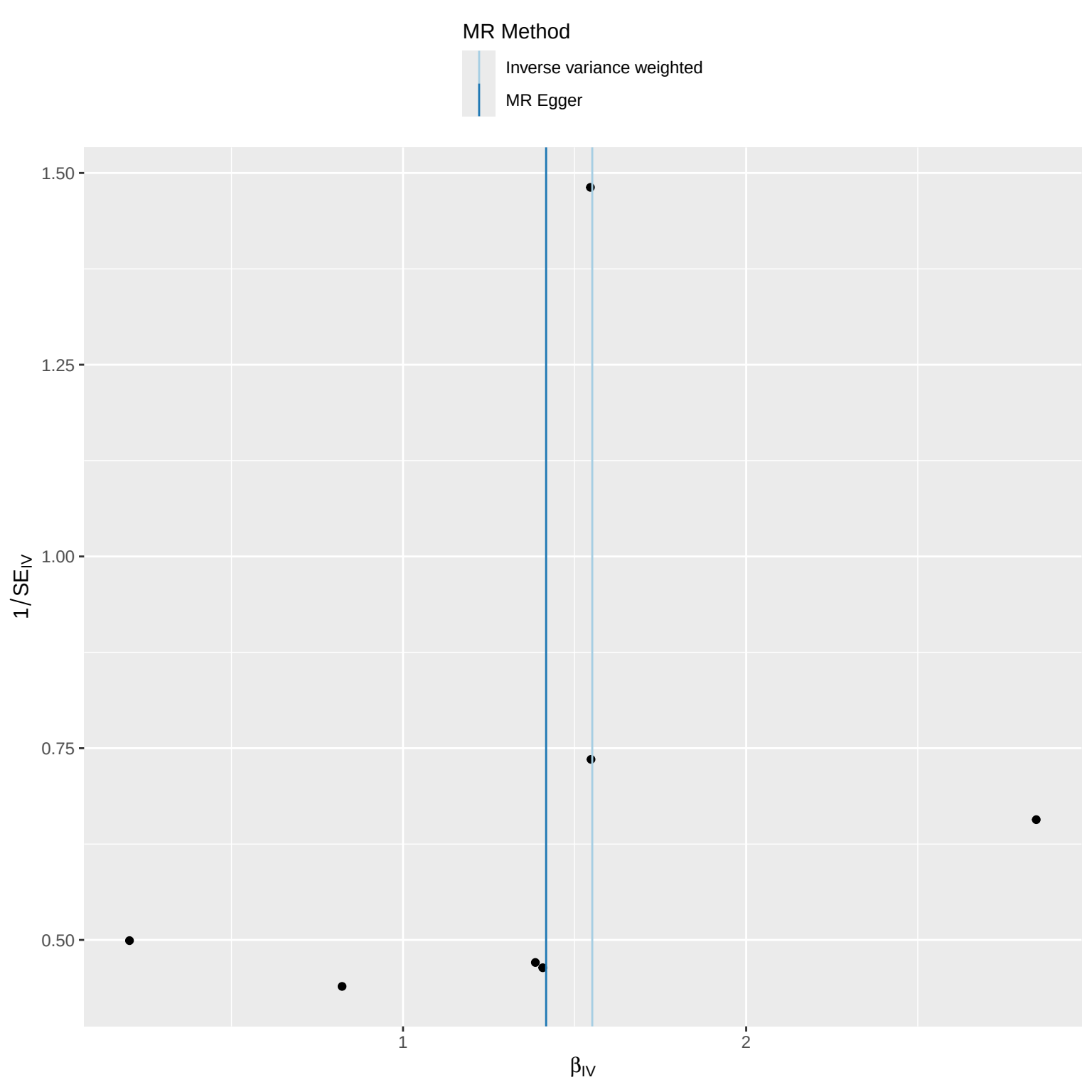

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

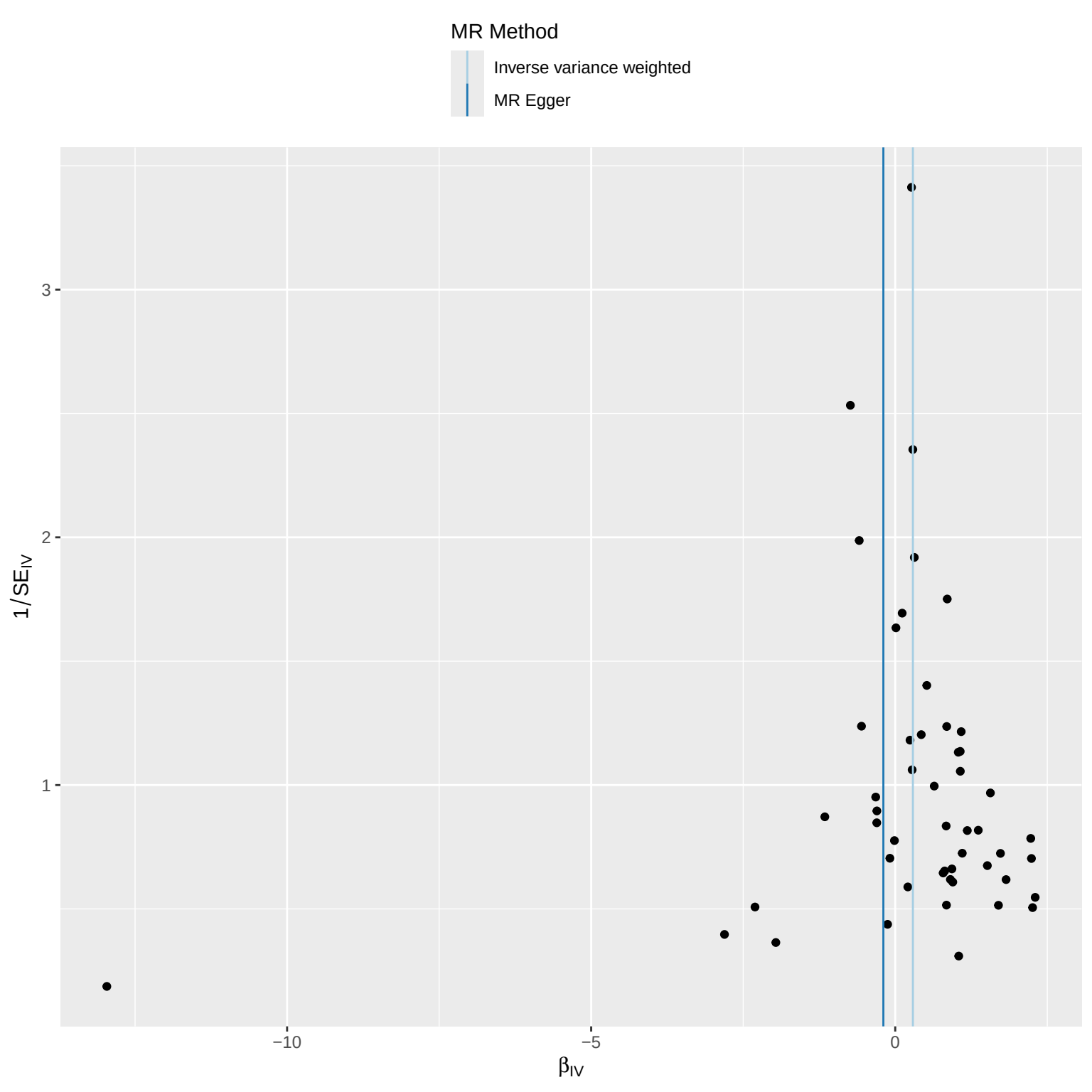

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

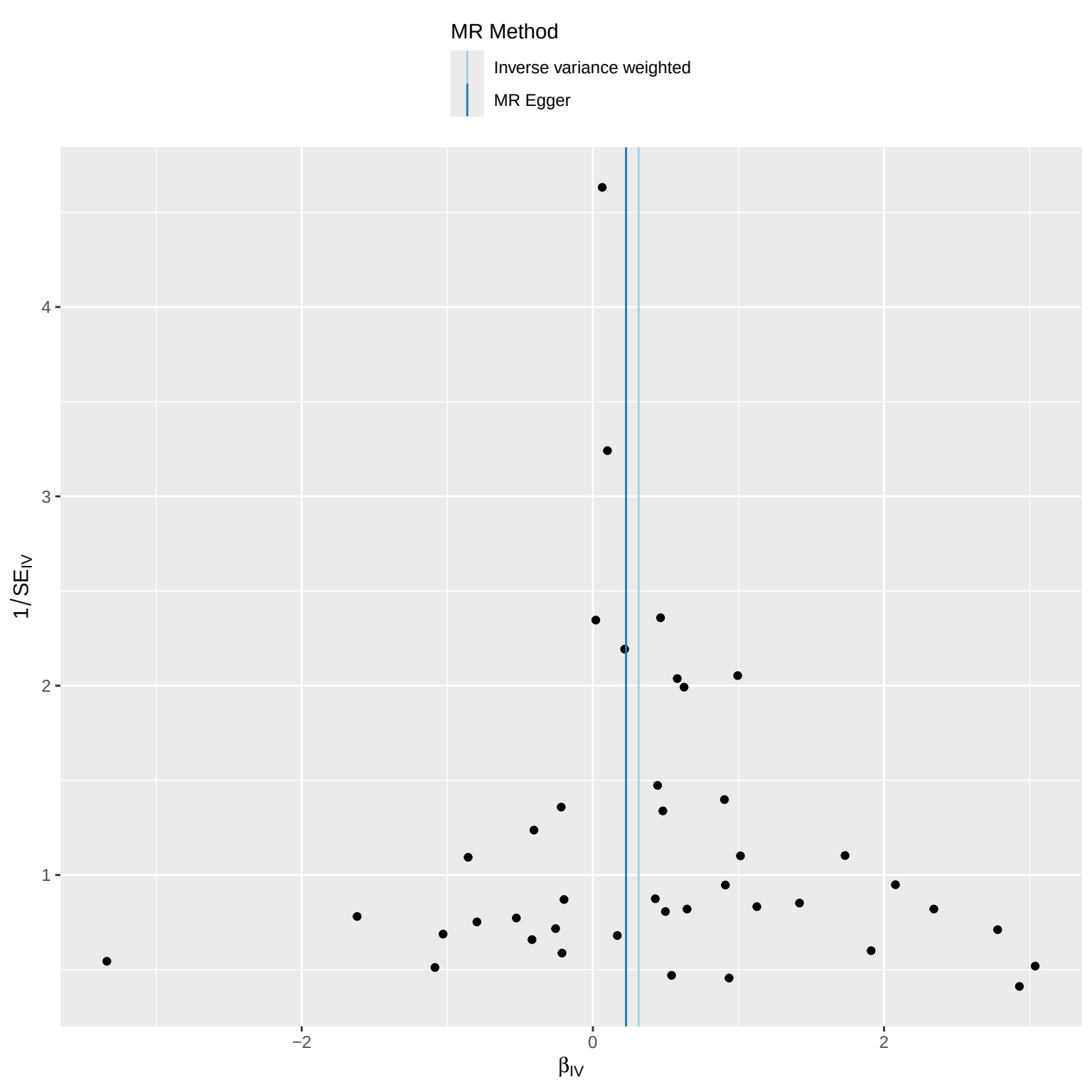

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

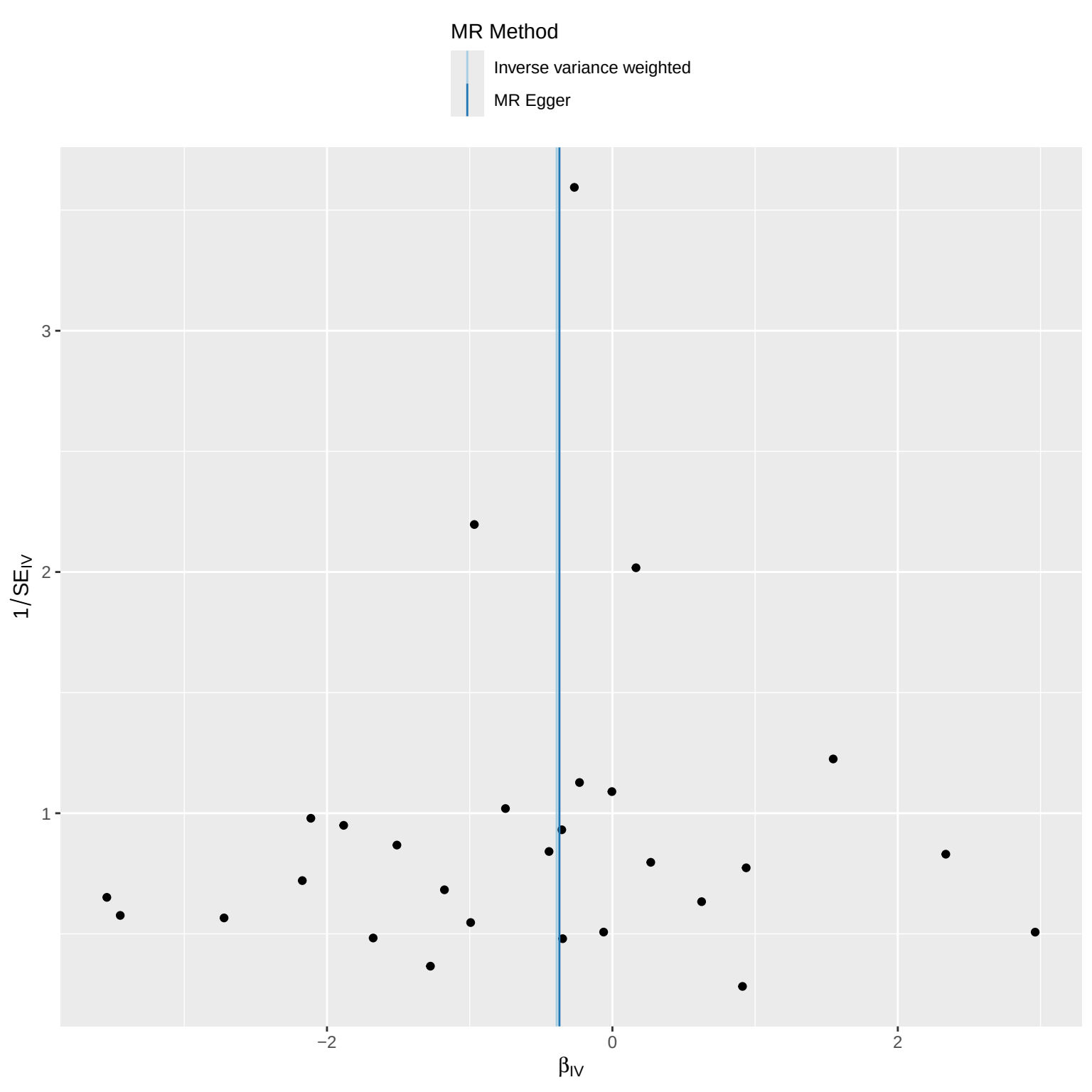

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

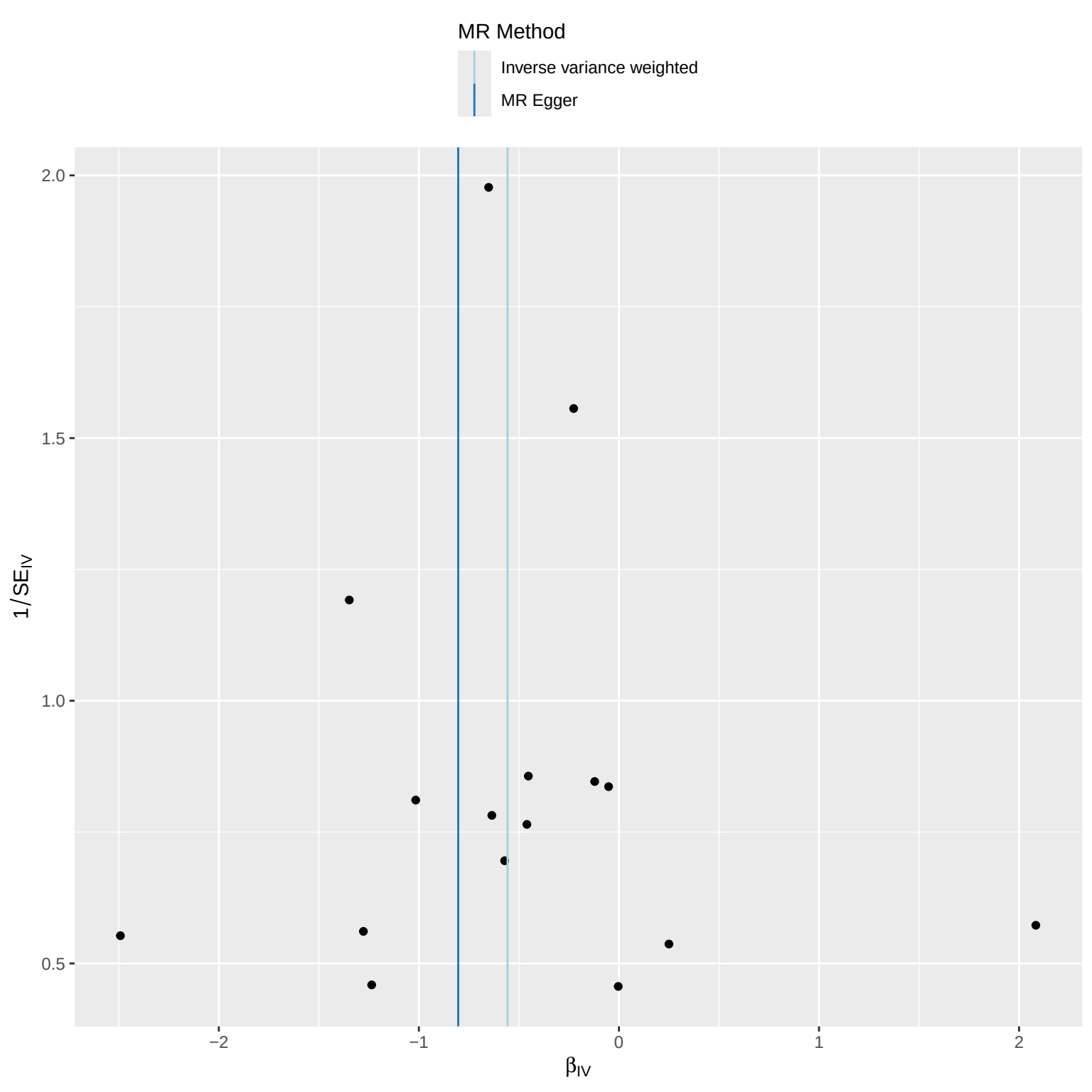

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

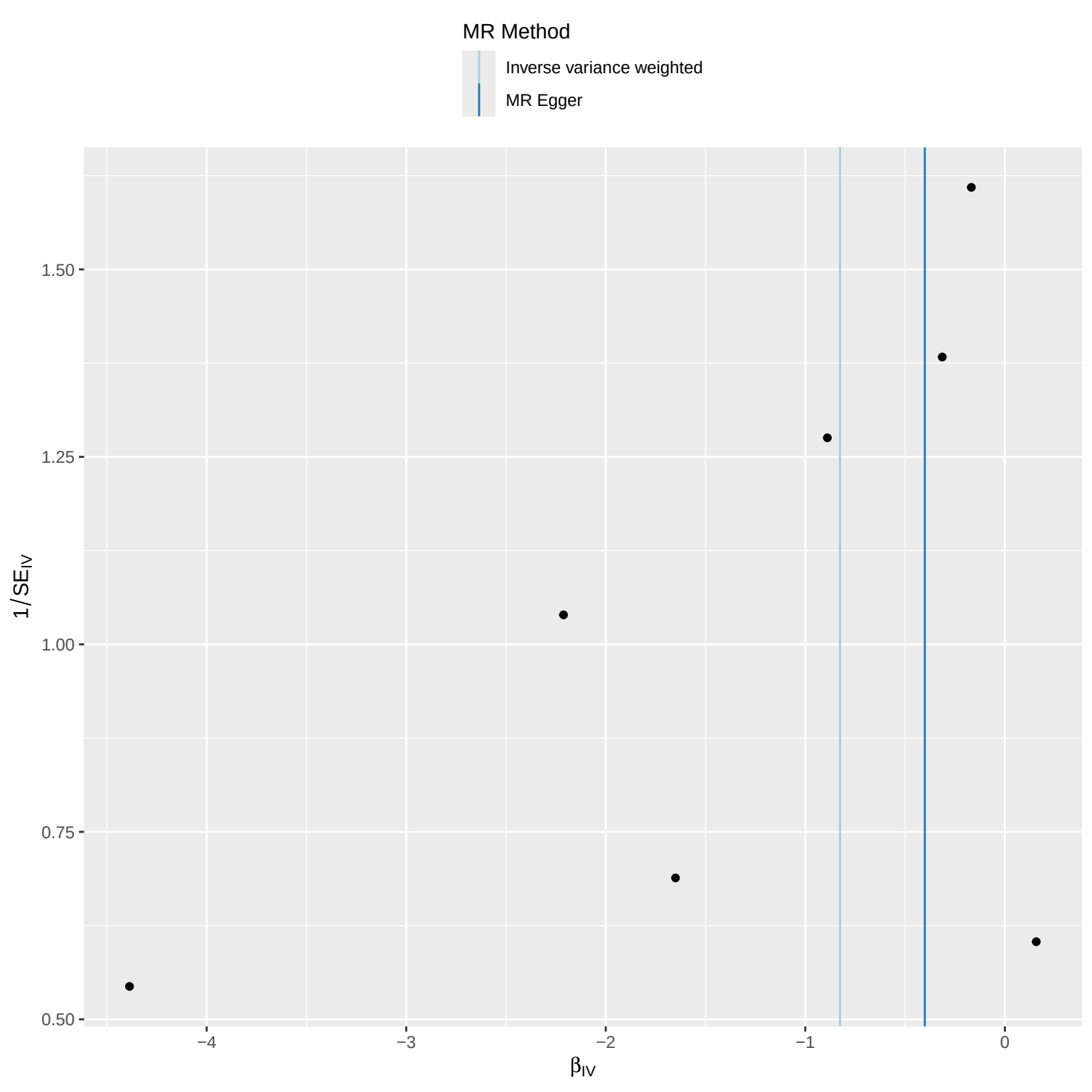

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
1
2
β_IV

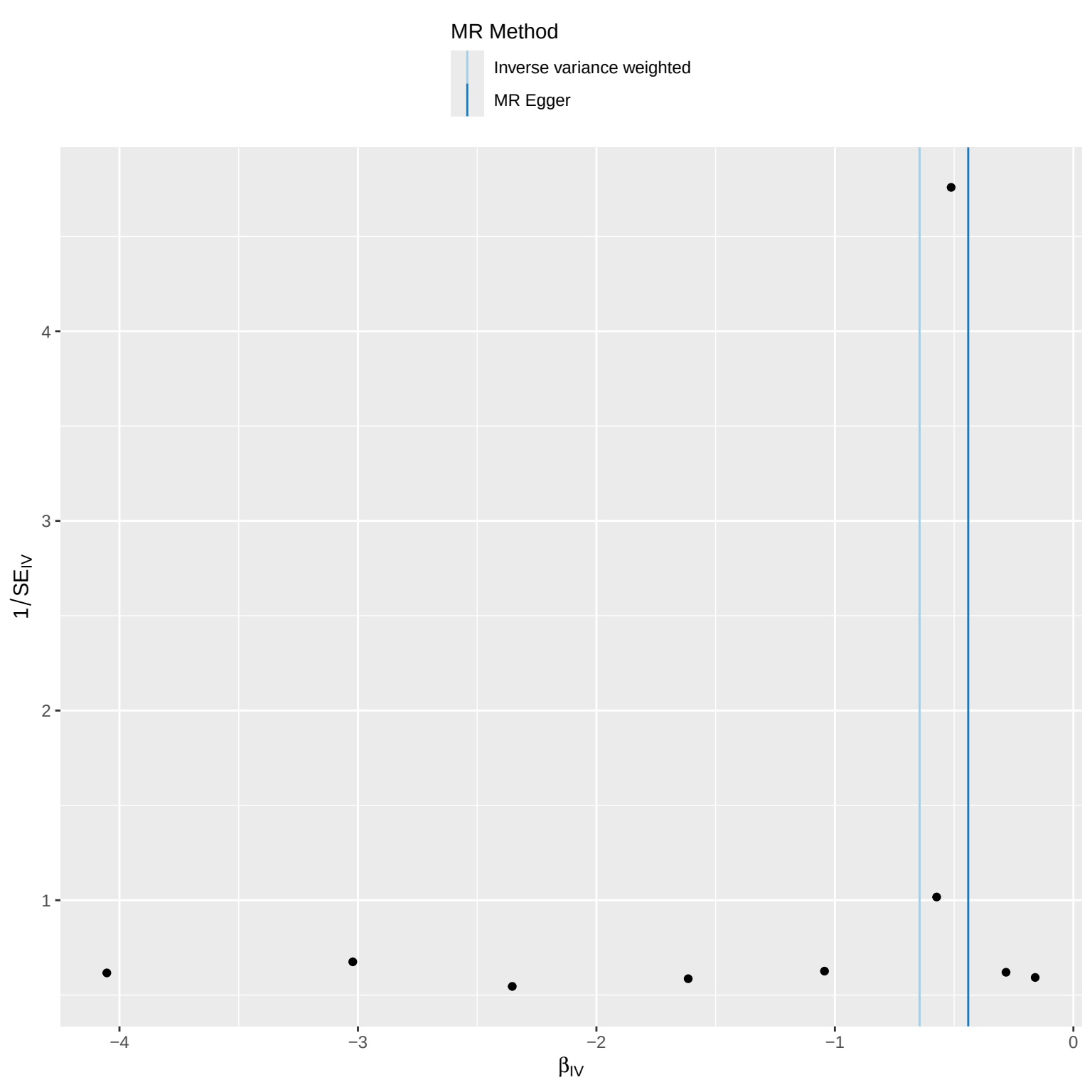

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−10
−5
0
β_IV

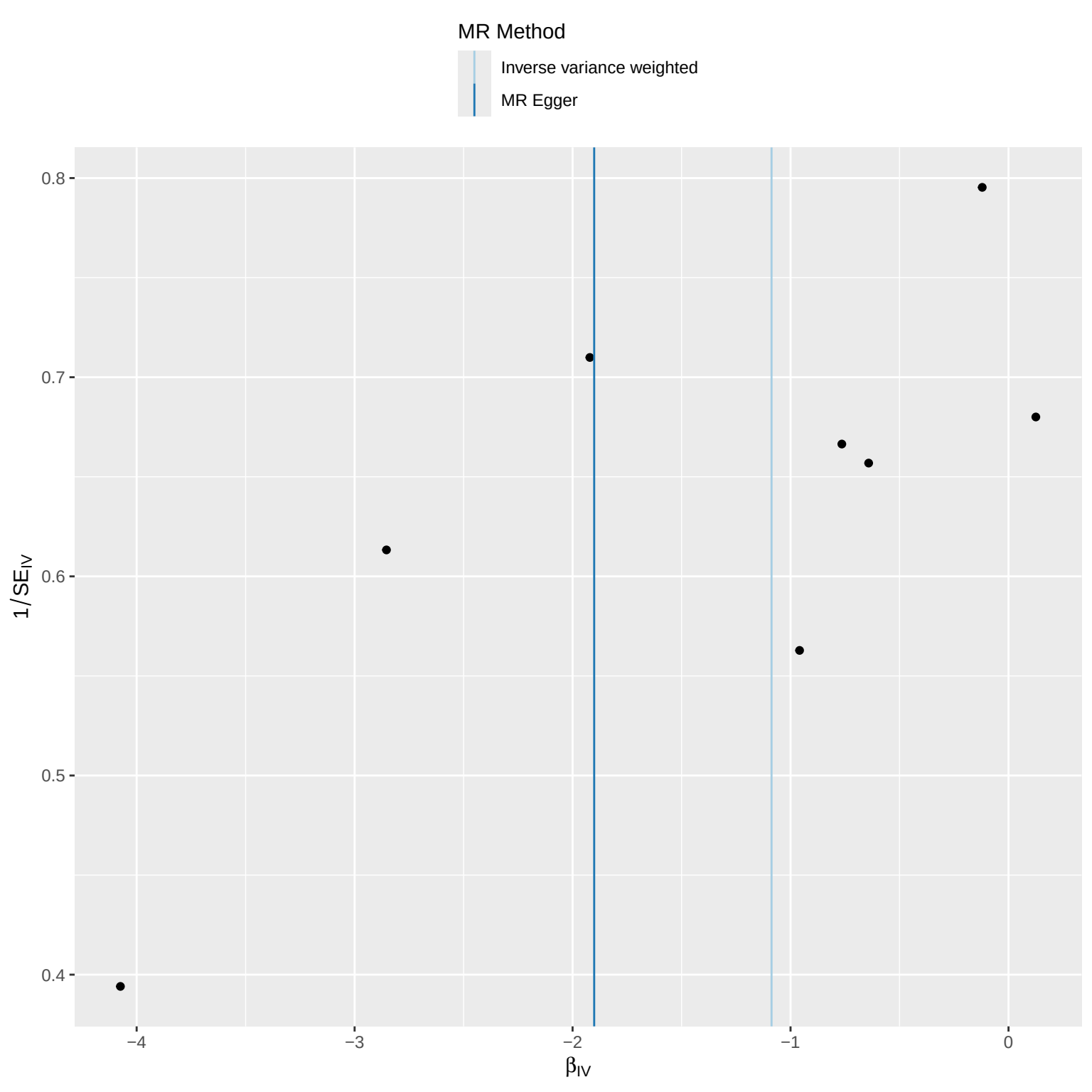

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

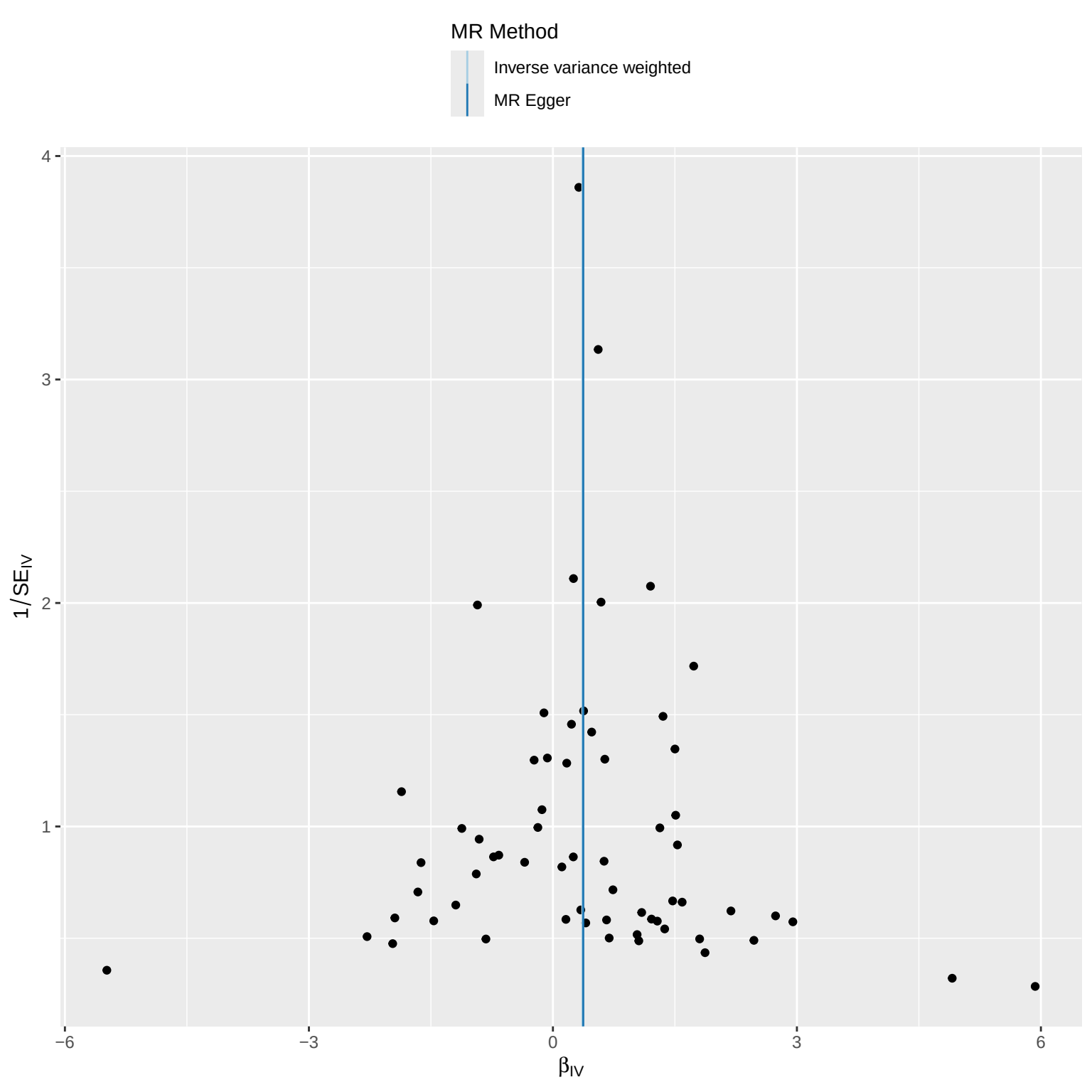

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

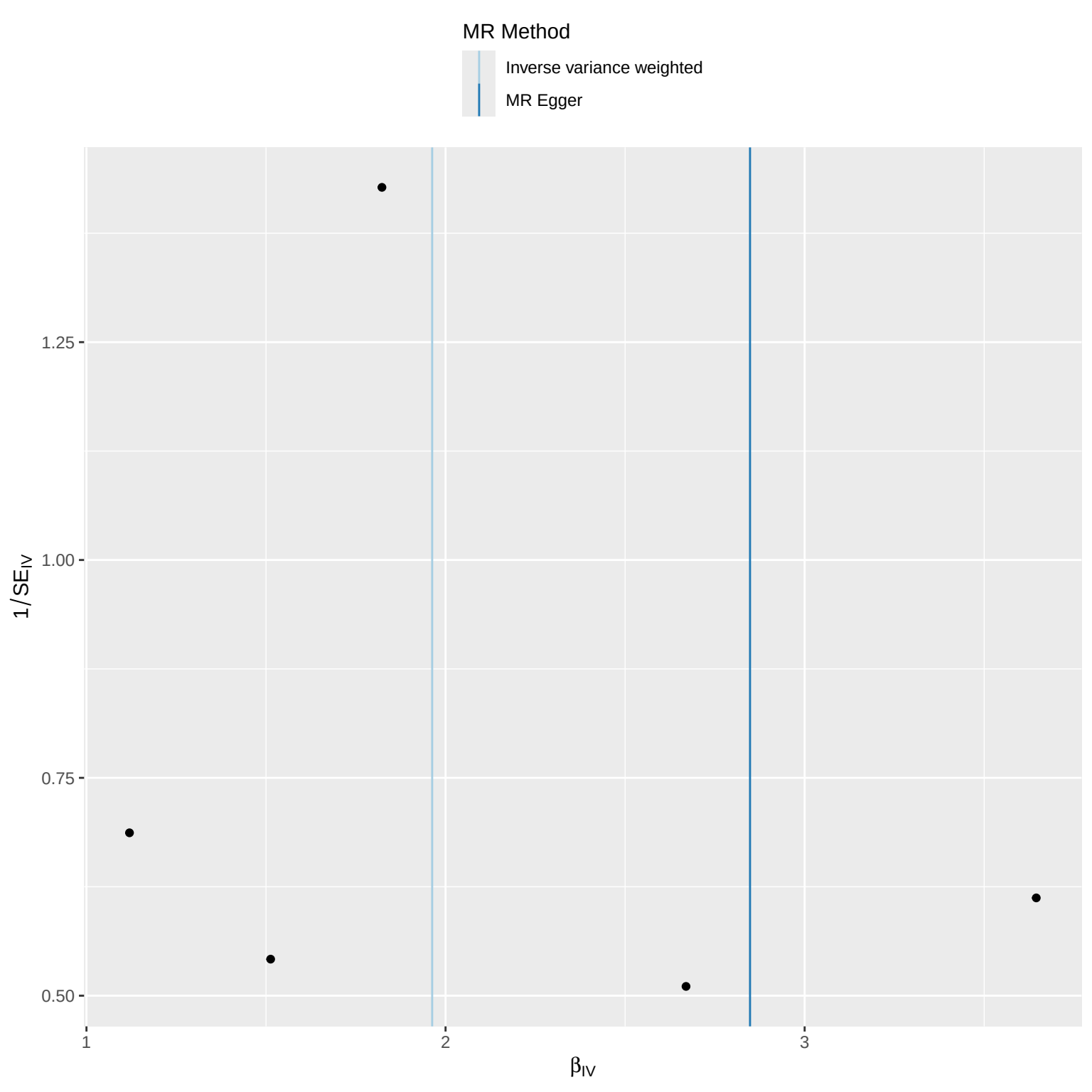

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

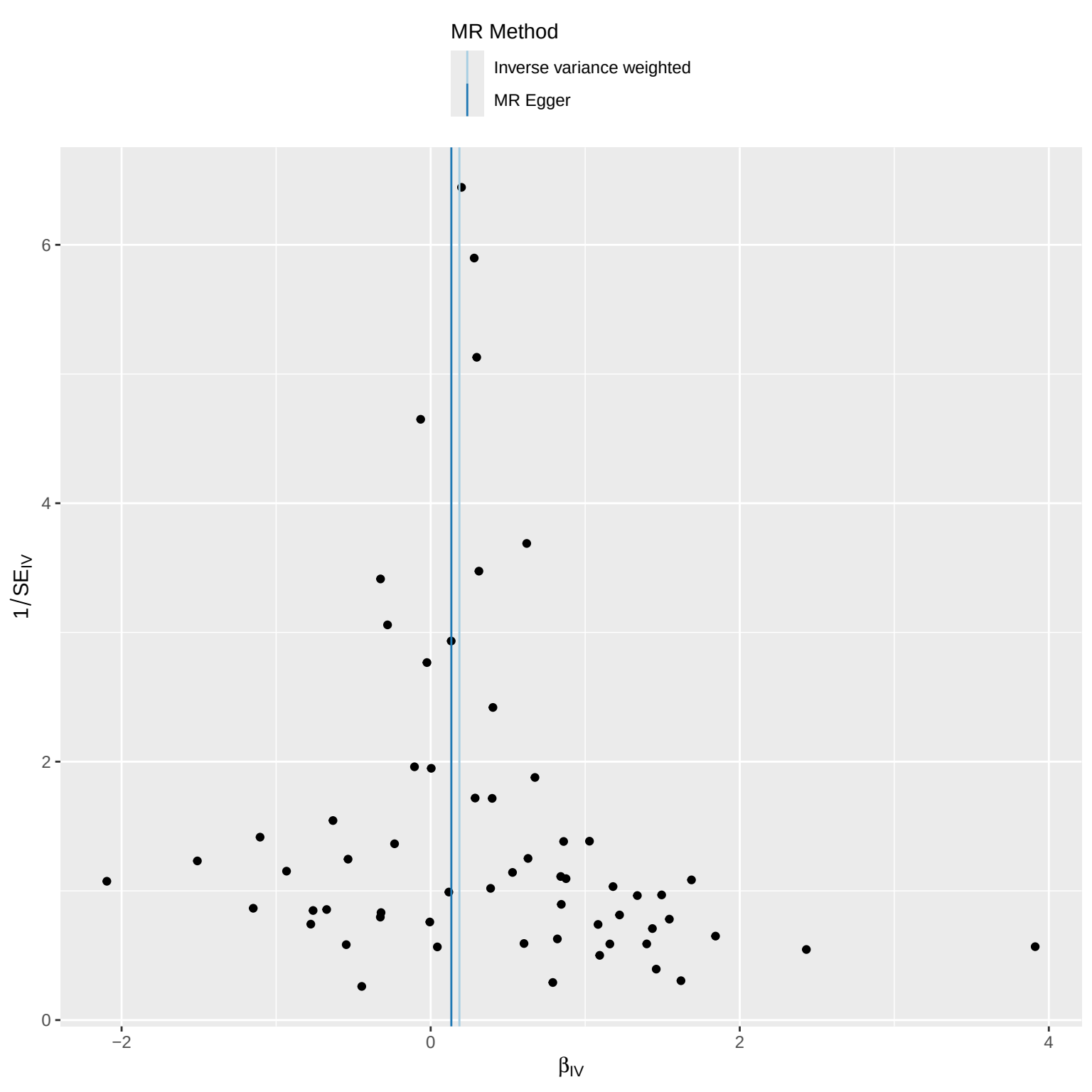

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−4
−3
−2
−1
0
β_IV

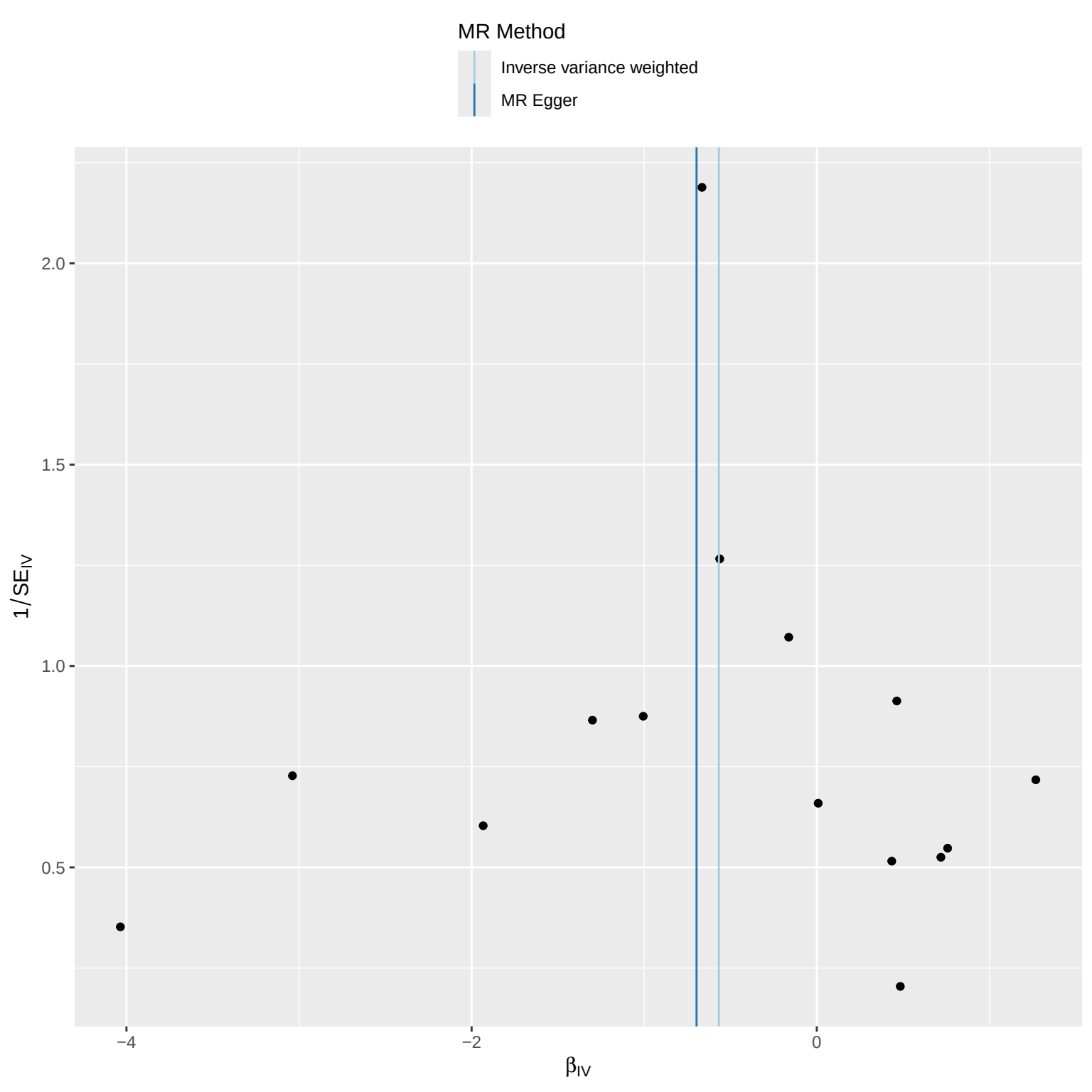

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−3
−2
−1
0
β_IV

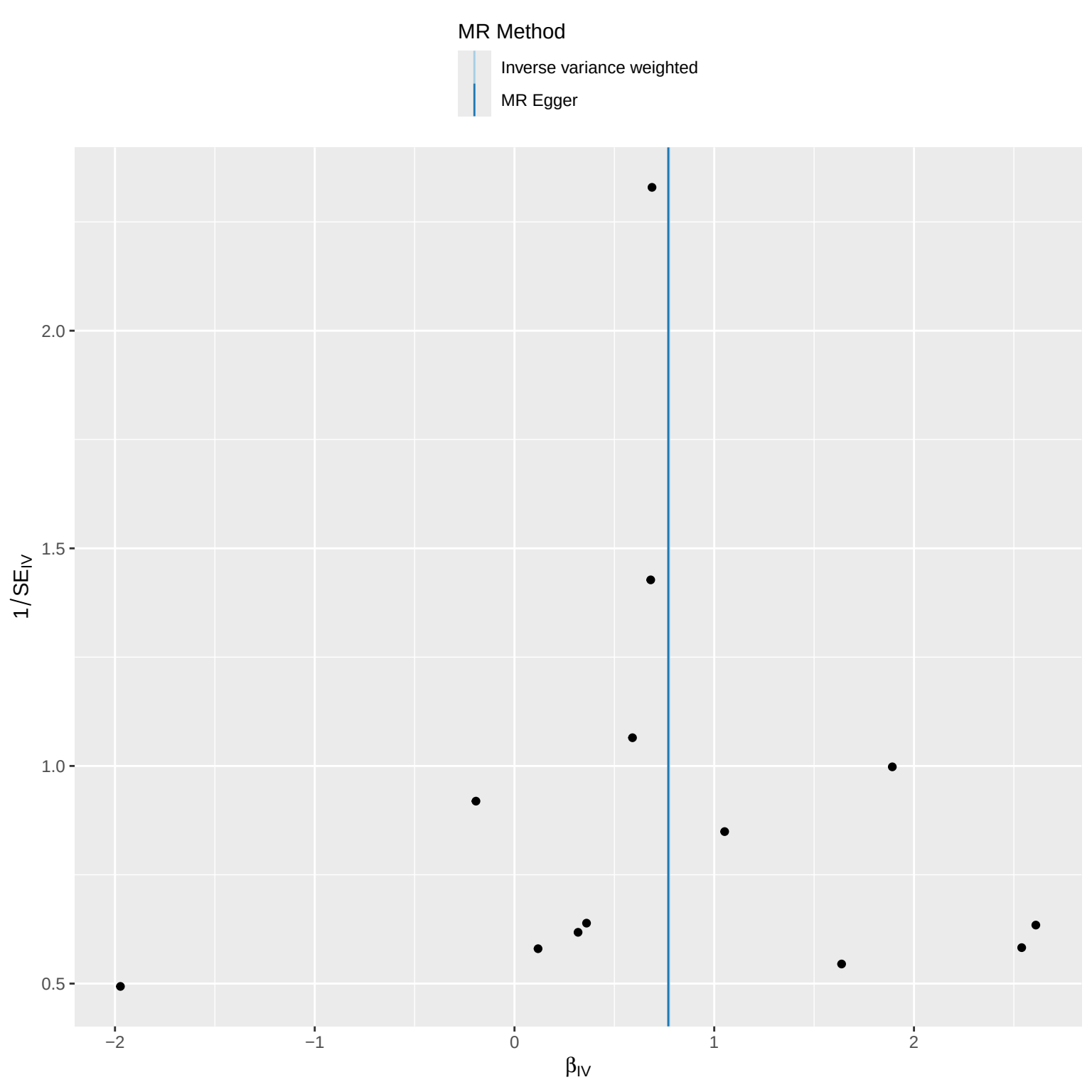

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

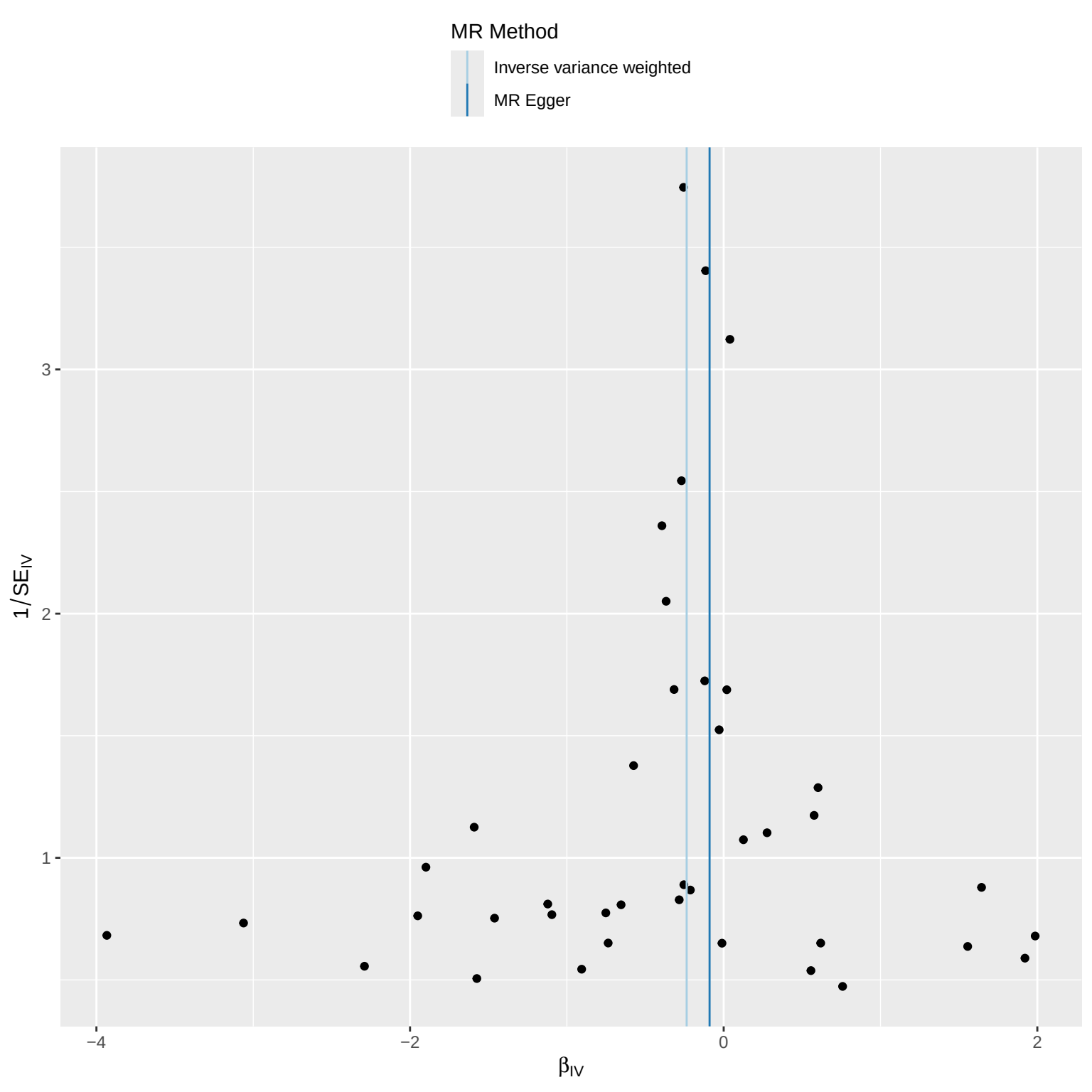

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−6
−3
0
3
6
β_IV

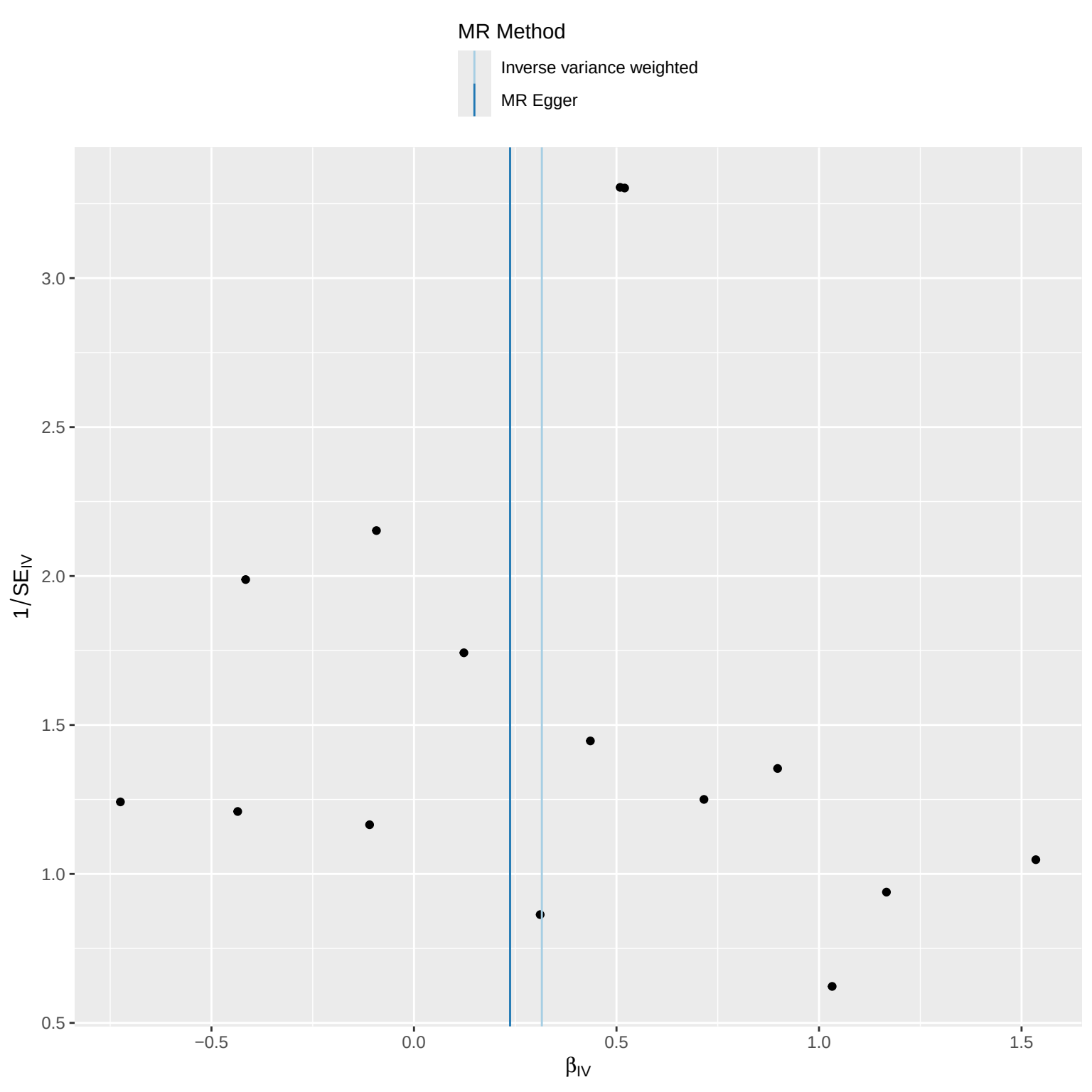

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
1
2
3
β_IV

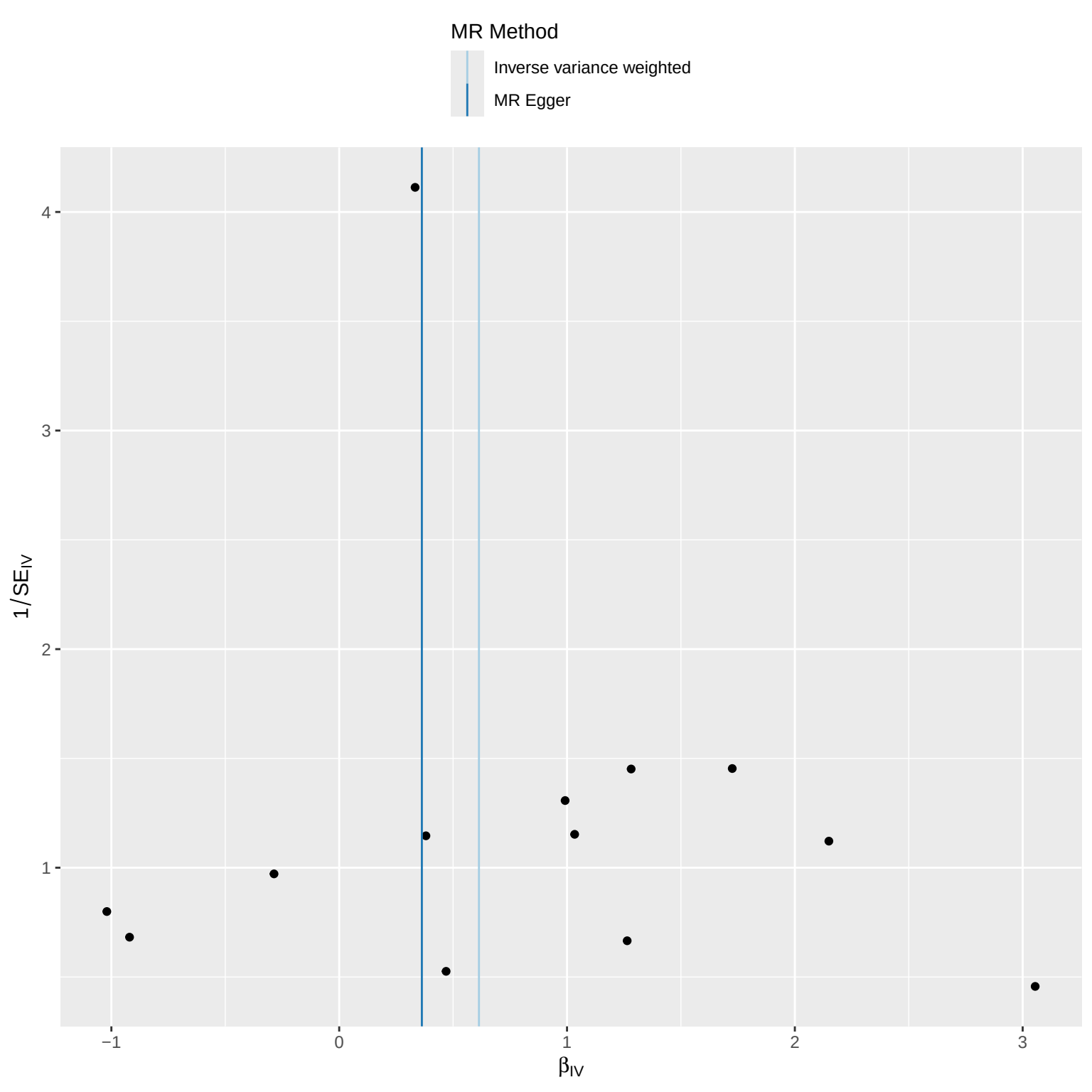

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2
0
2
4
β_IV

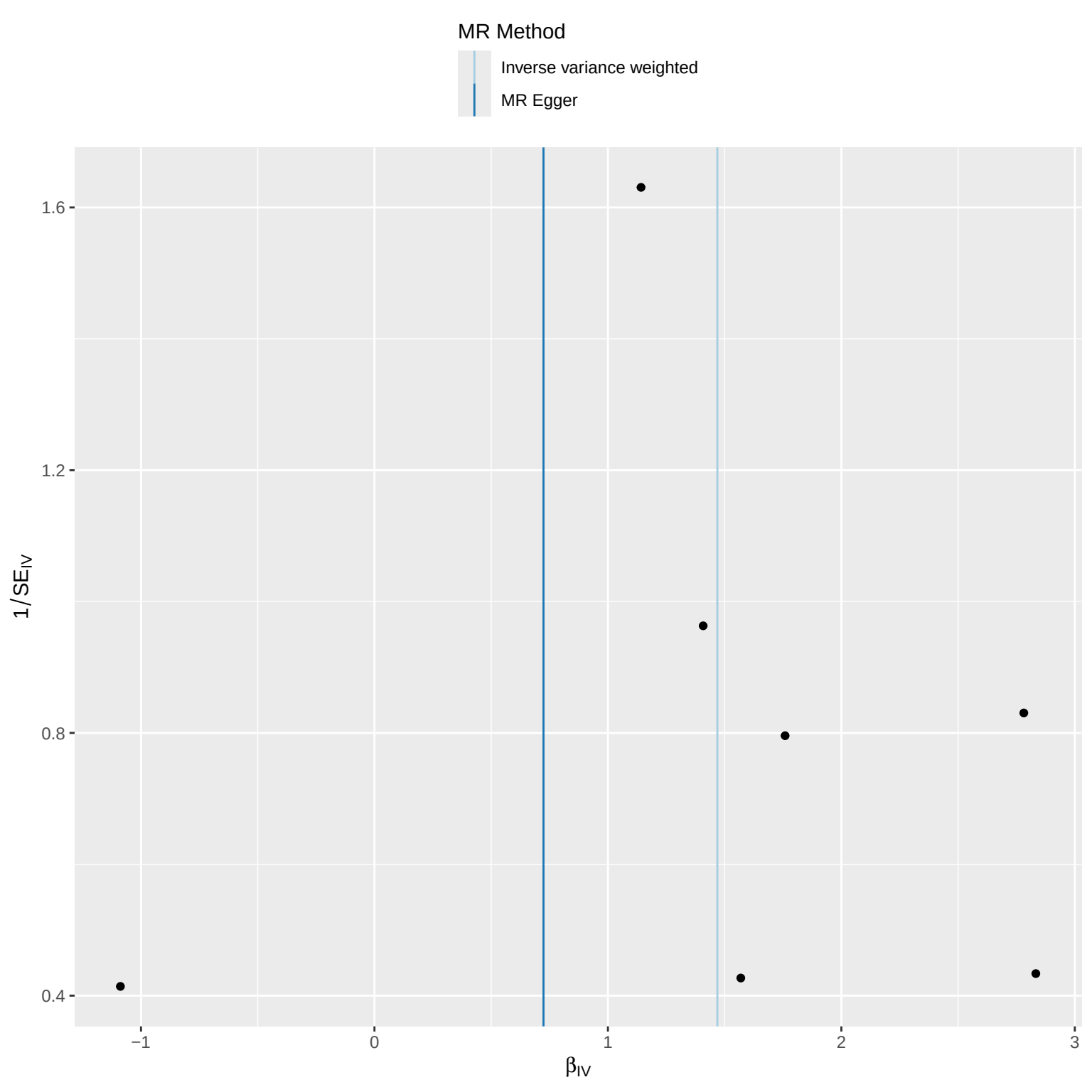

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

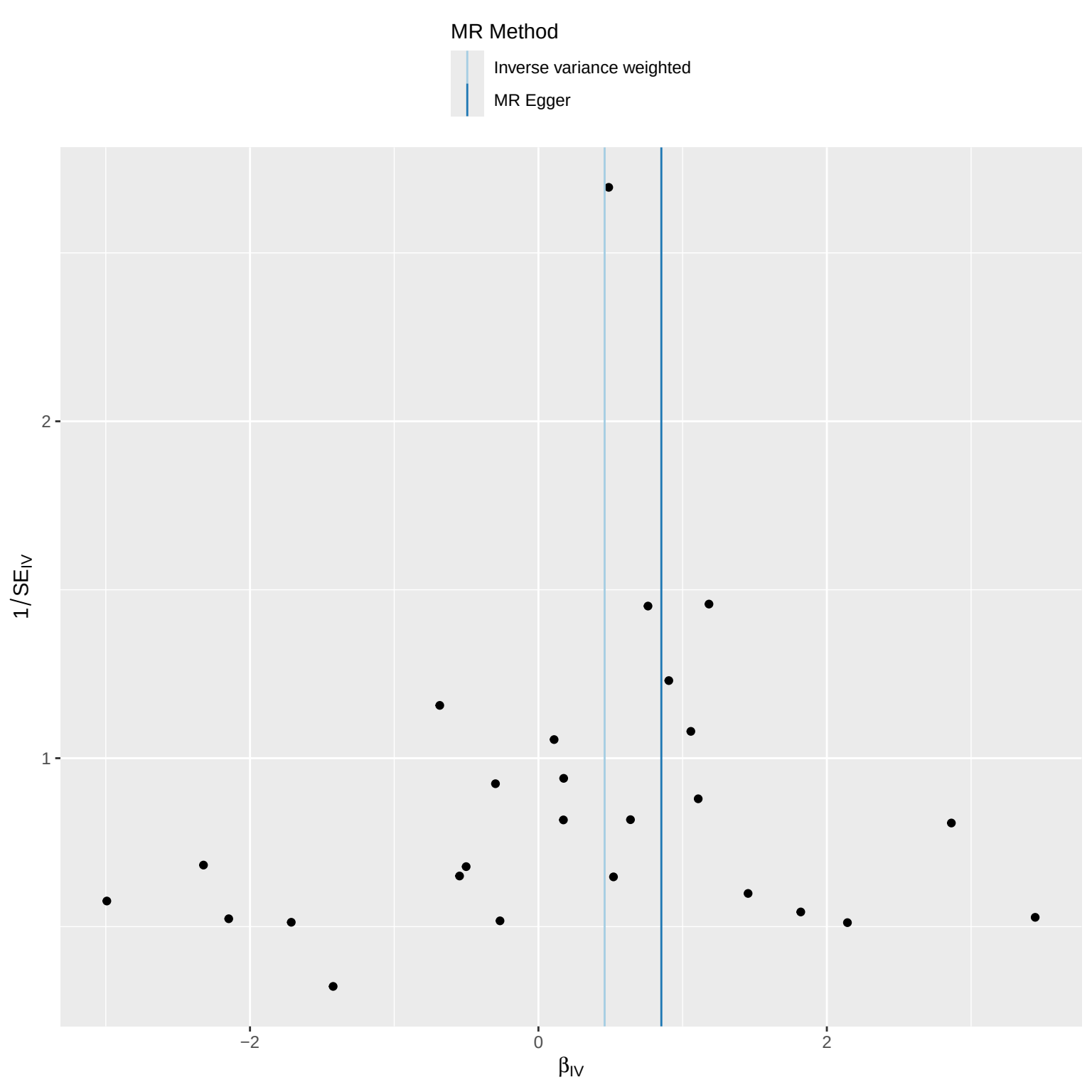

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

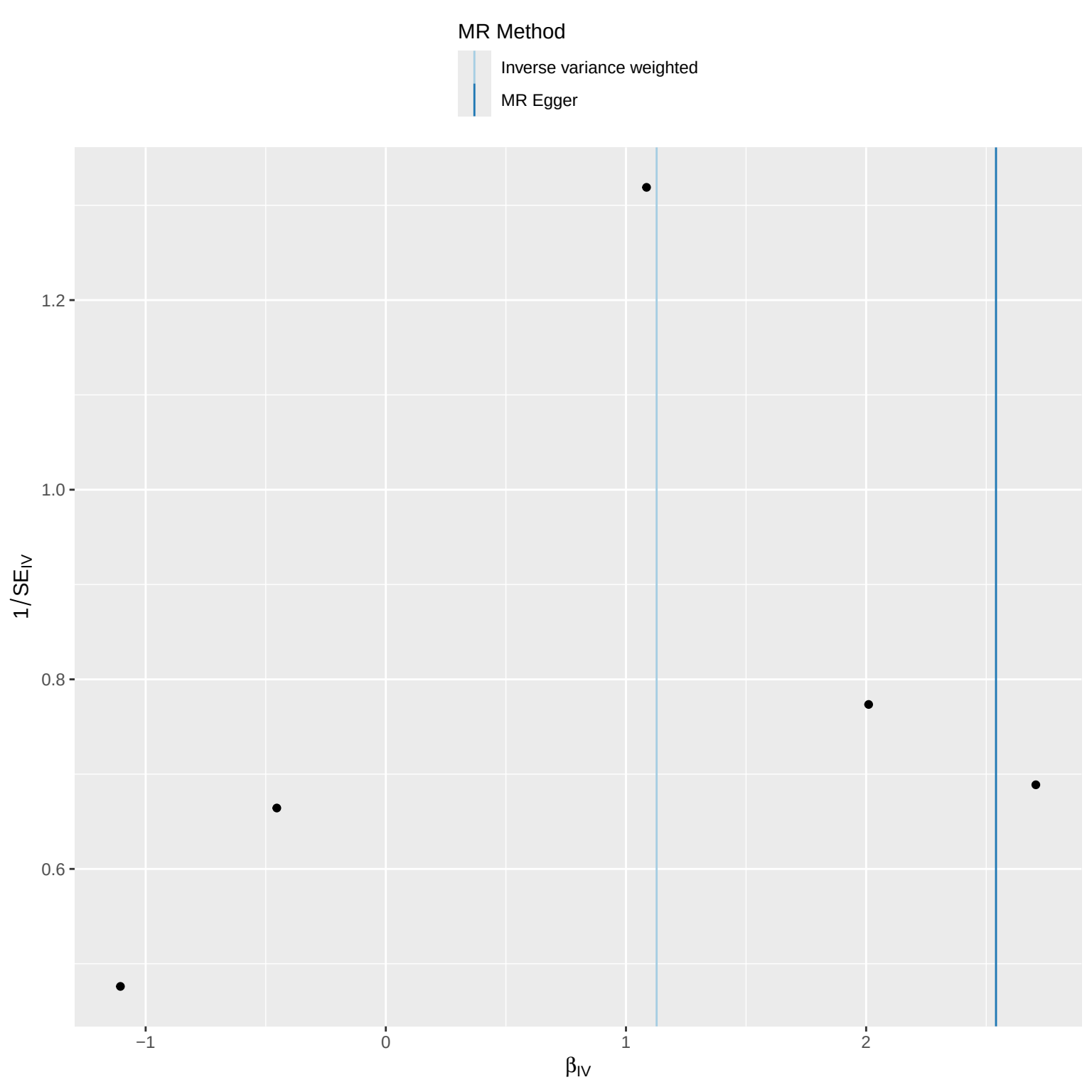

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

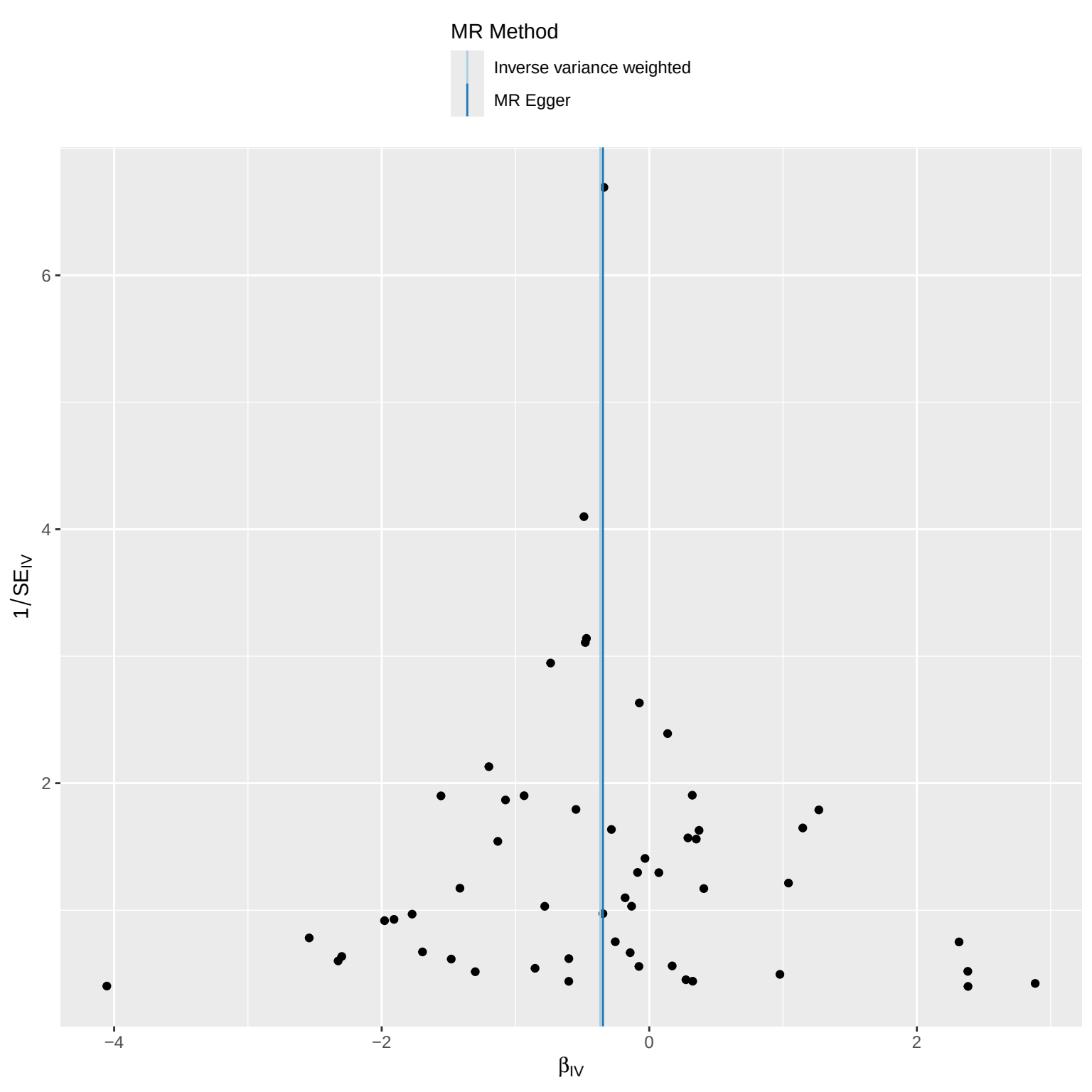

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

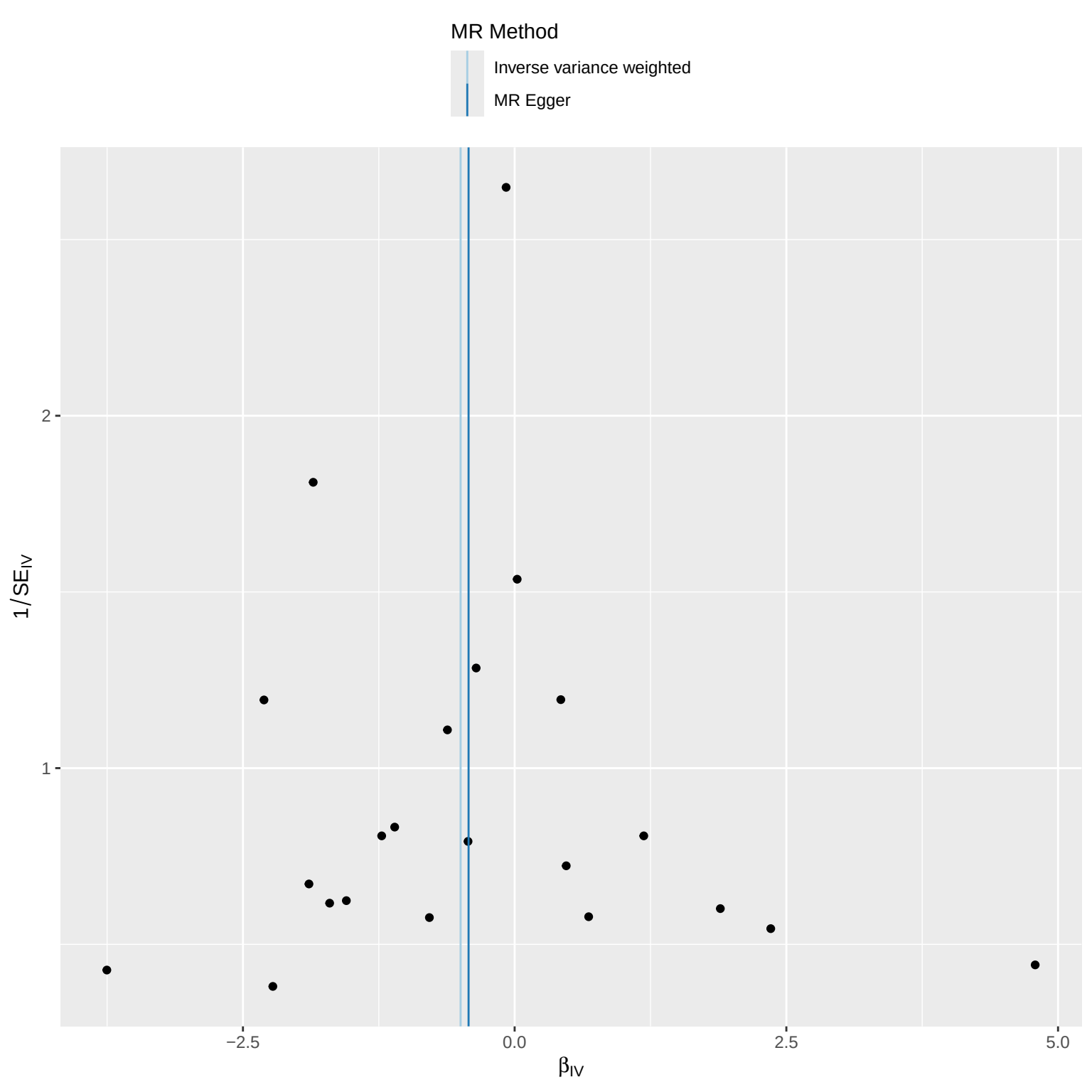

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

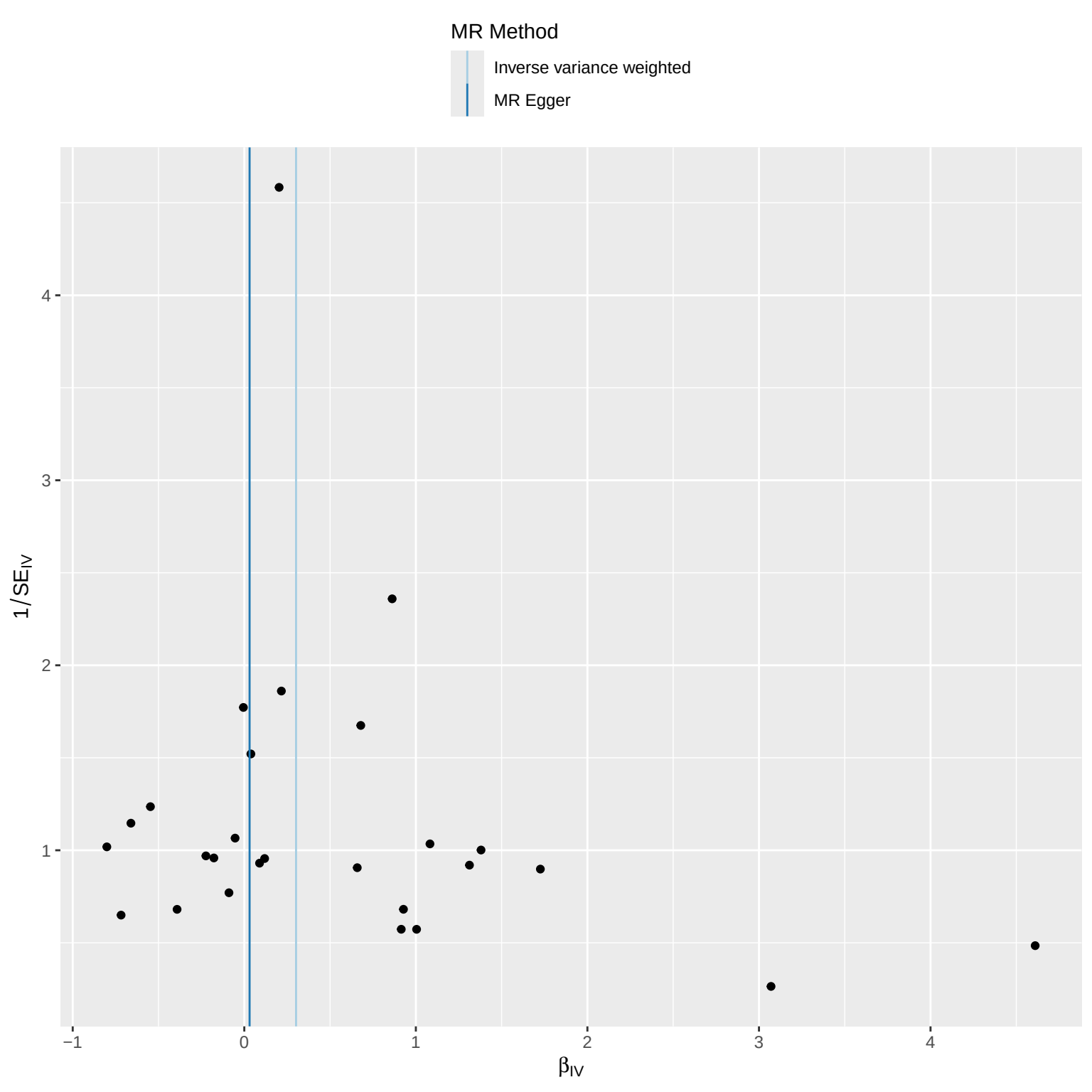

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
β_IV

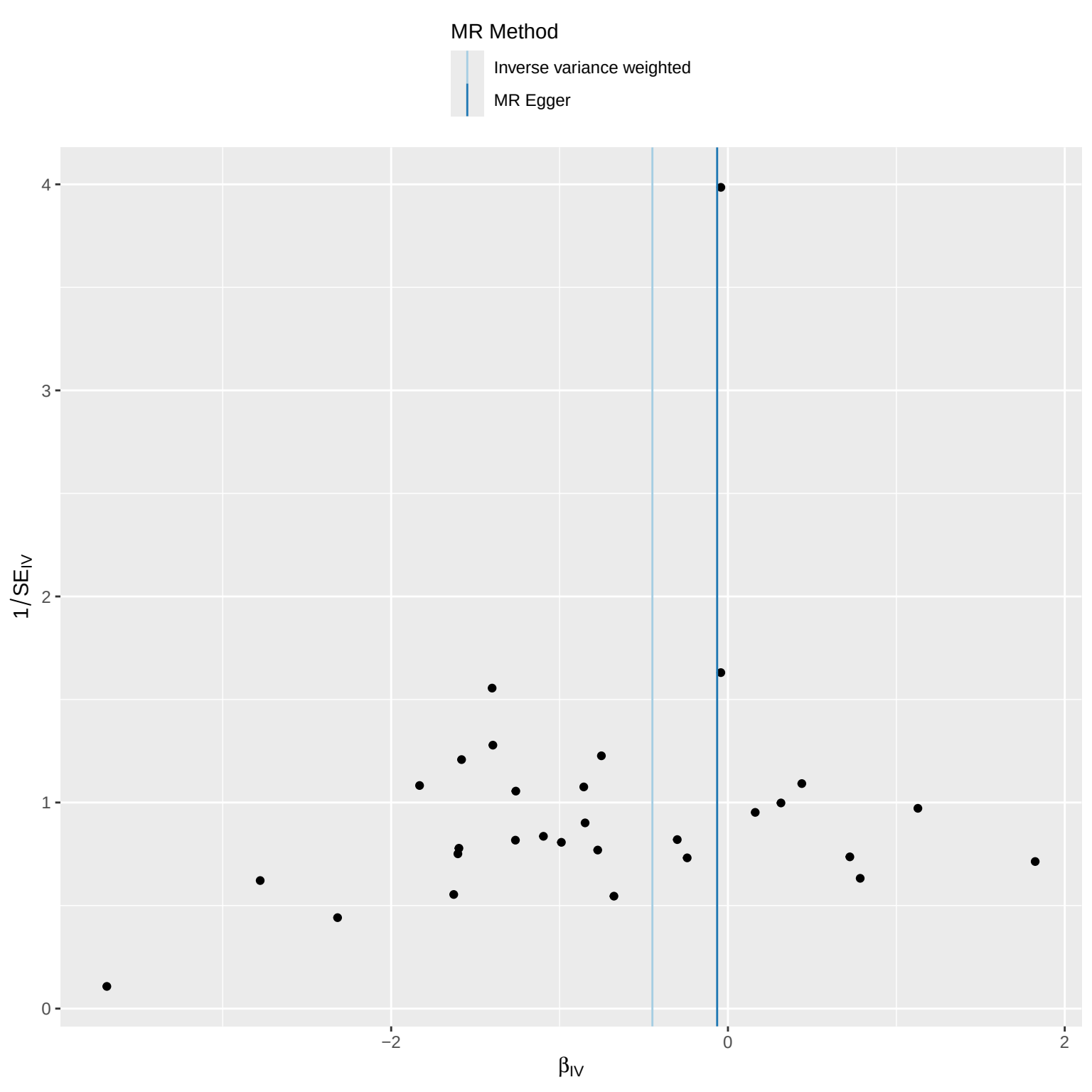

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

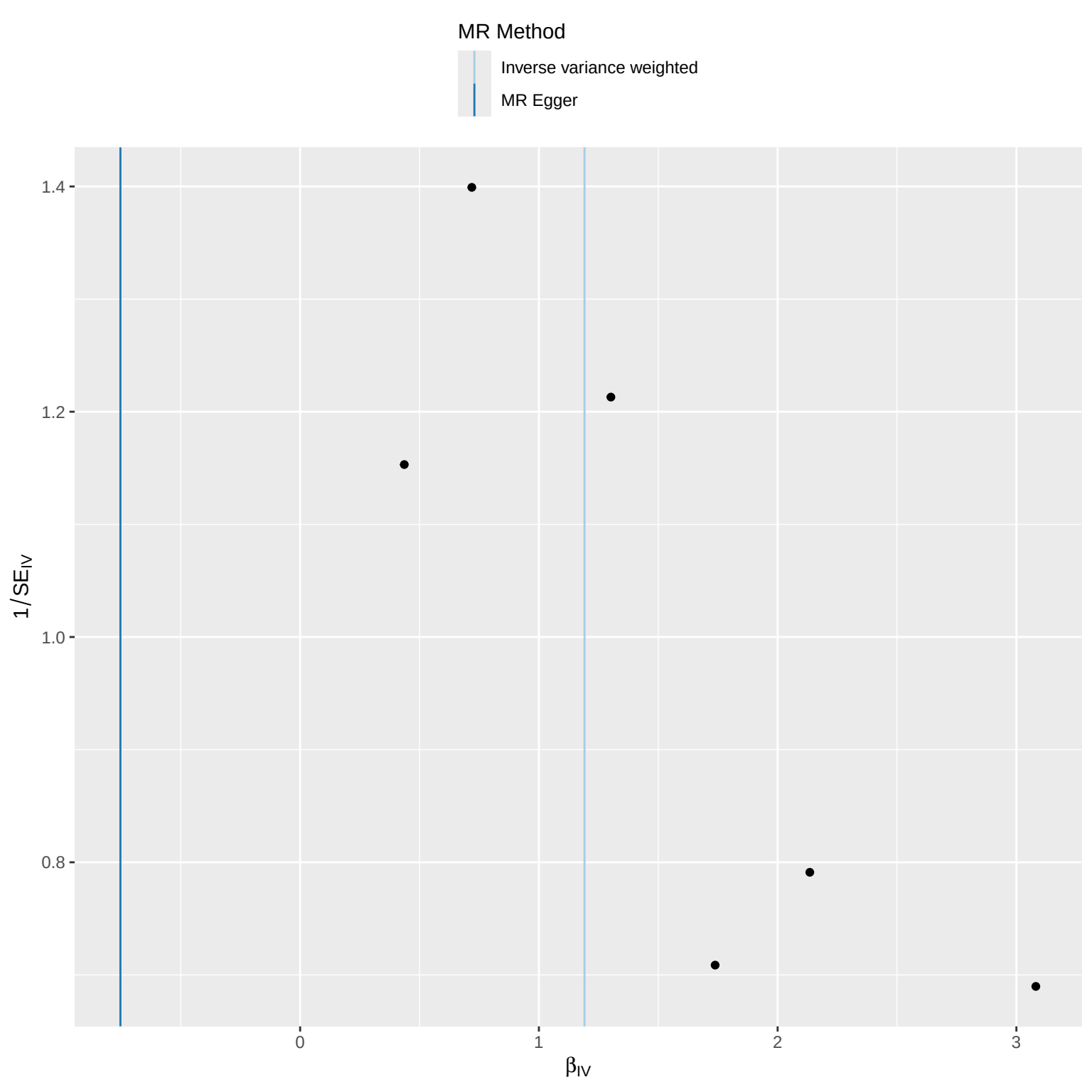

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
2
β_IV

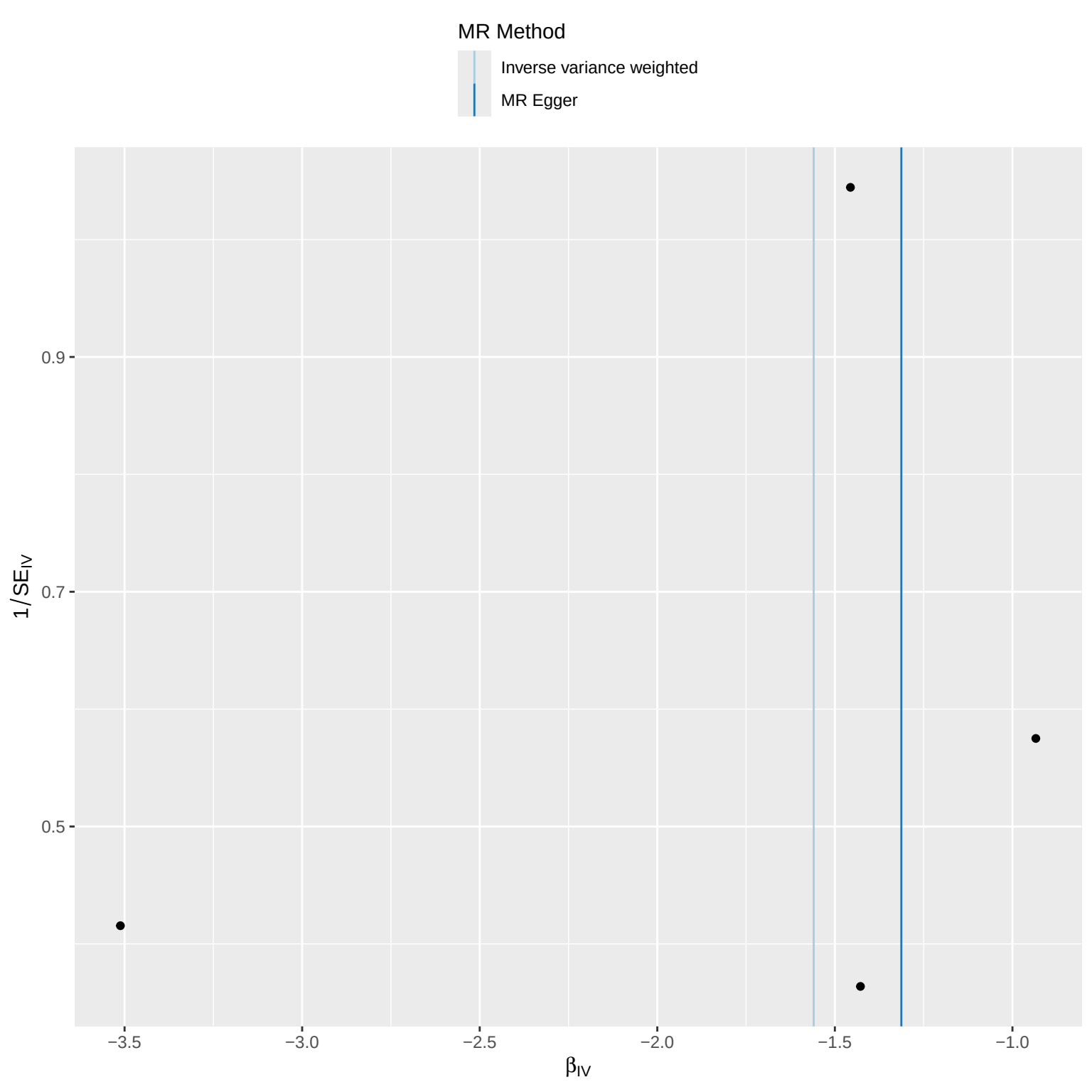

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

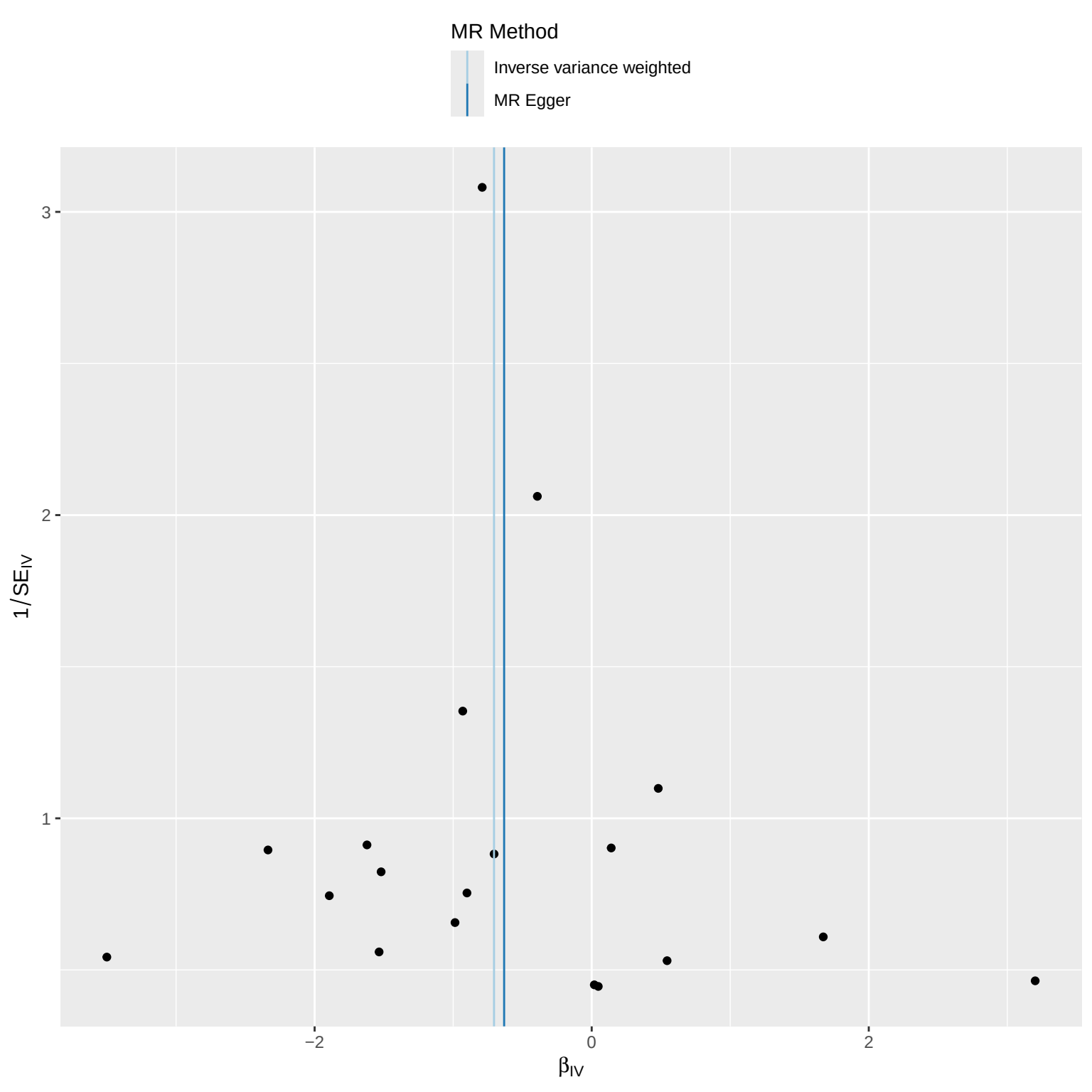

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

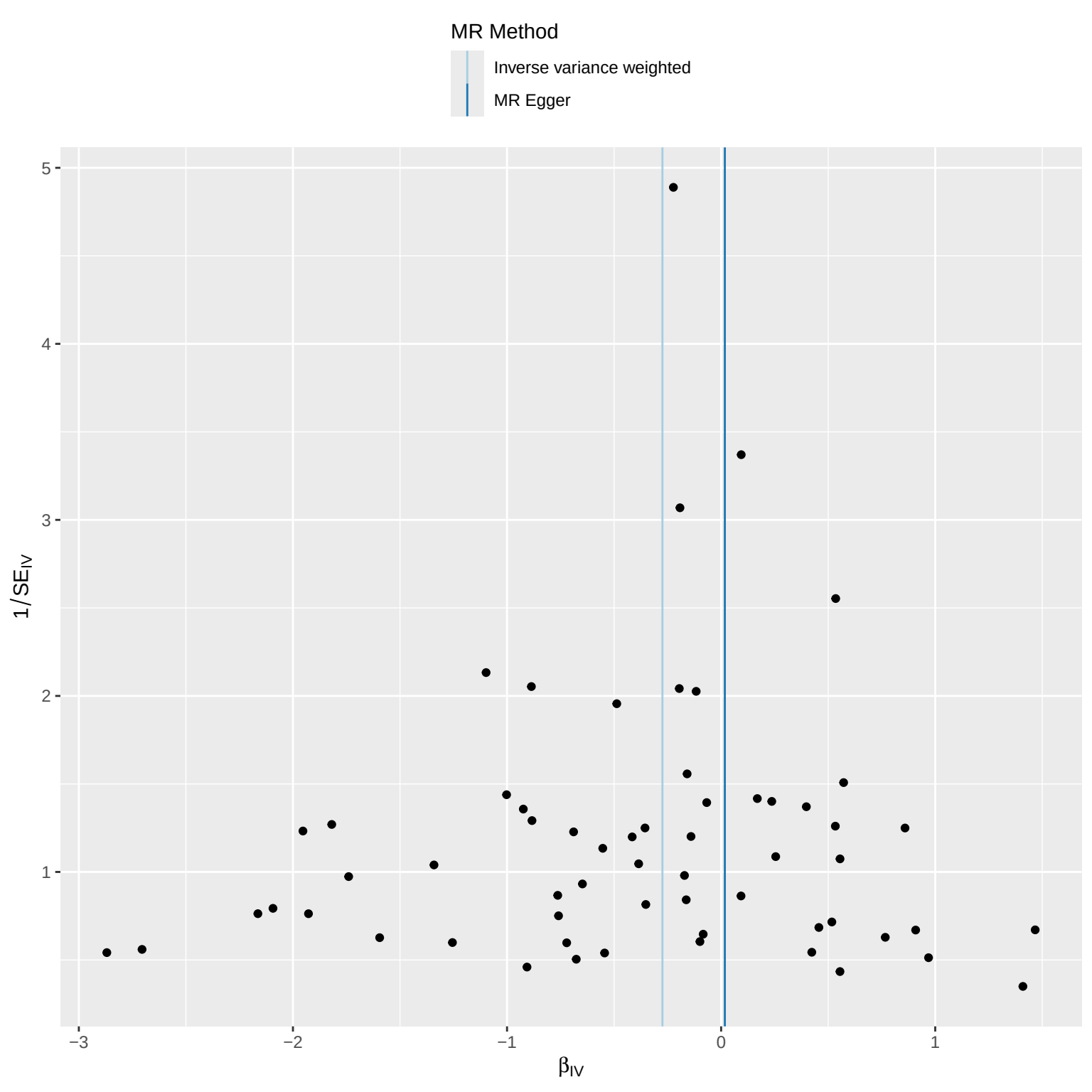

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

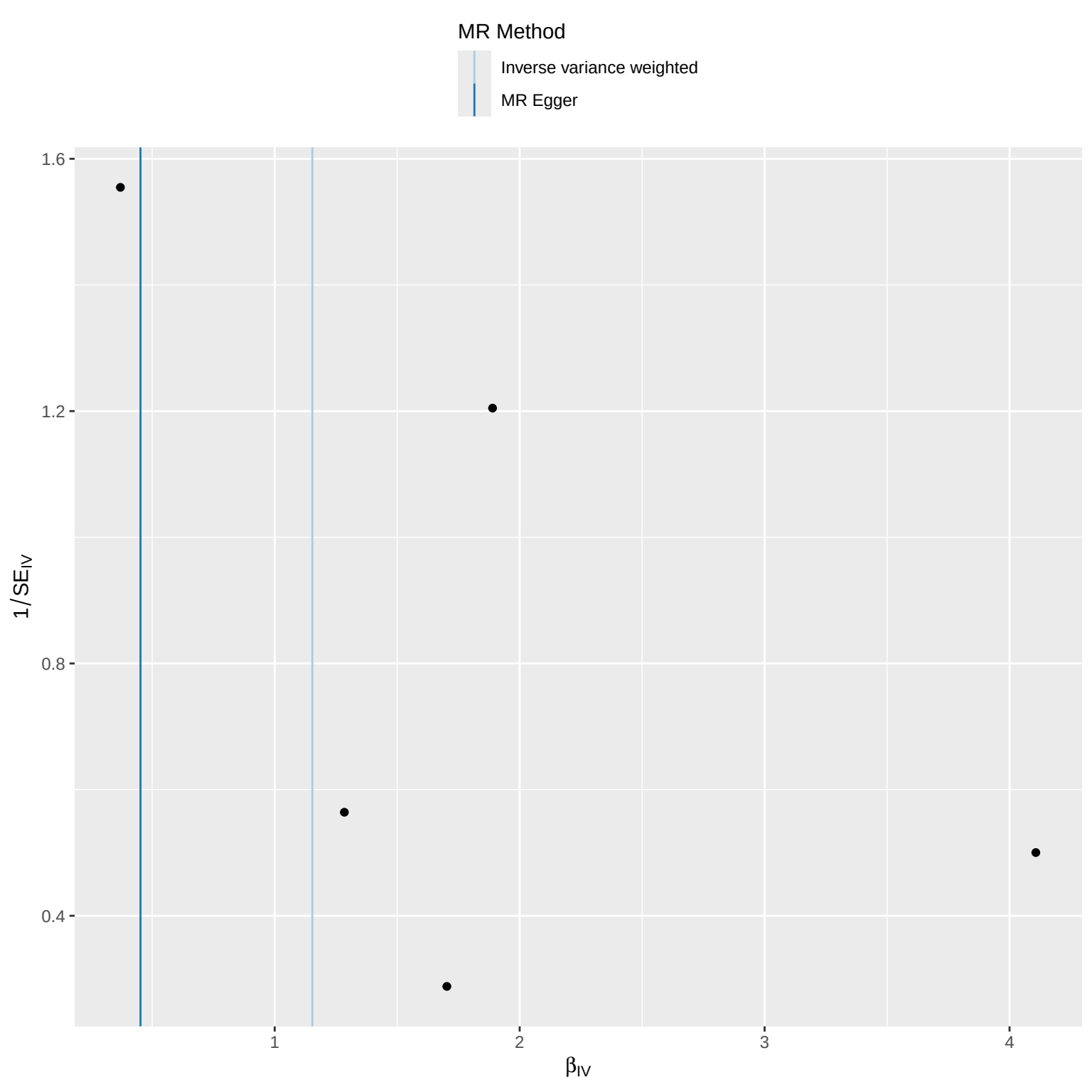

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−2
0
2
β_IV

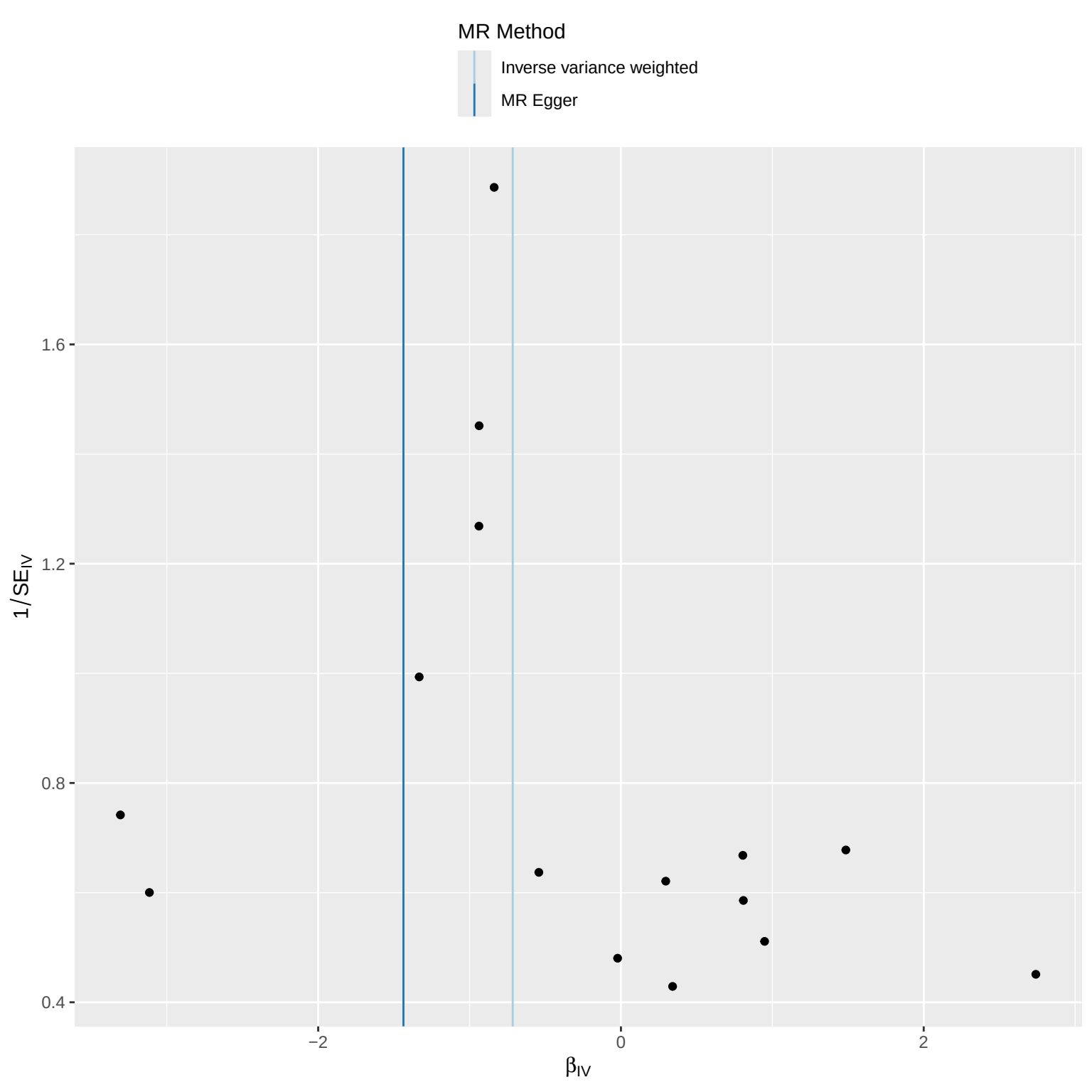

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
0
1
2
3
β_IV

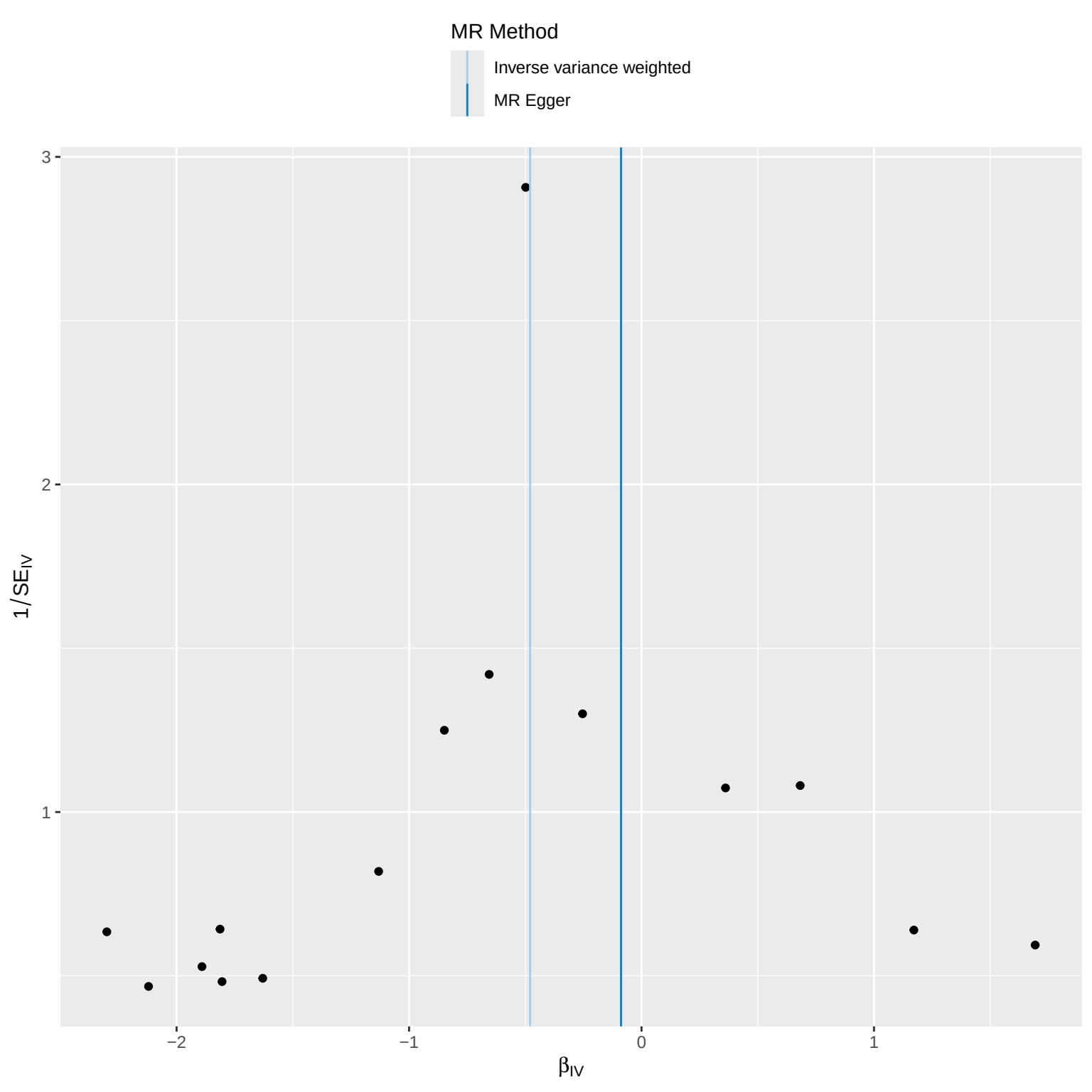

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
1/SE_IV
−3.5
−3.0
−2.5
−2.0
−1.5
−1.0
β_IV

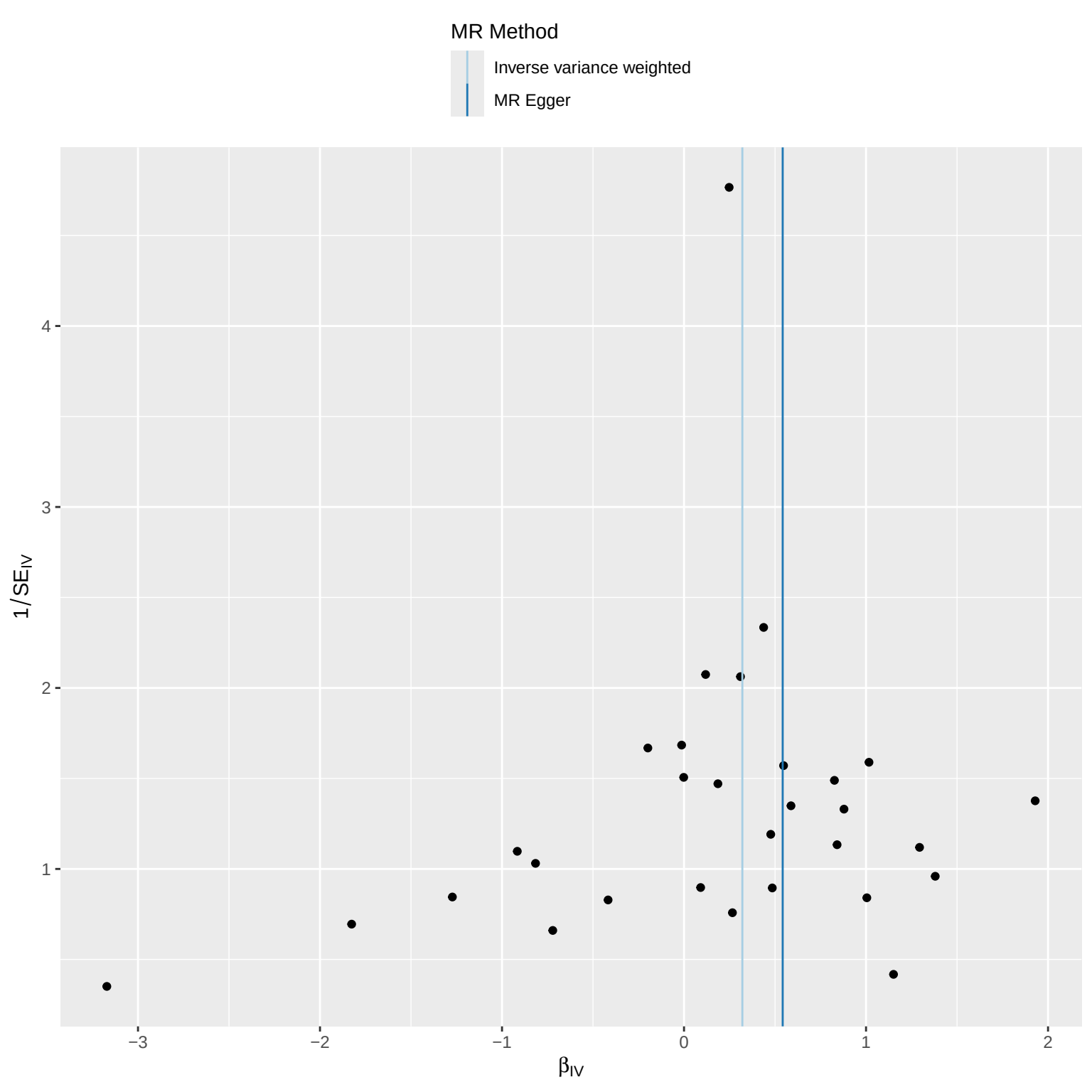

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

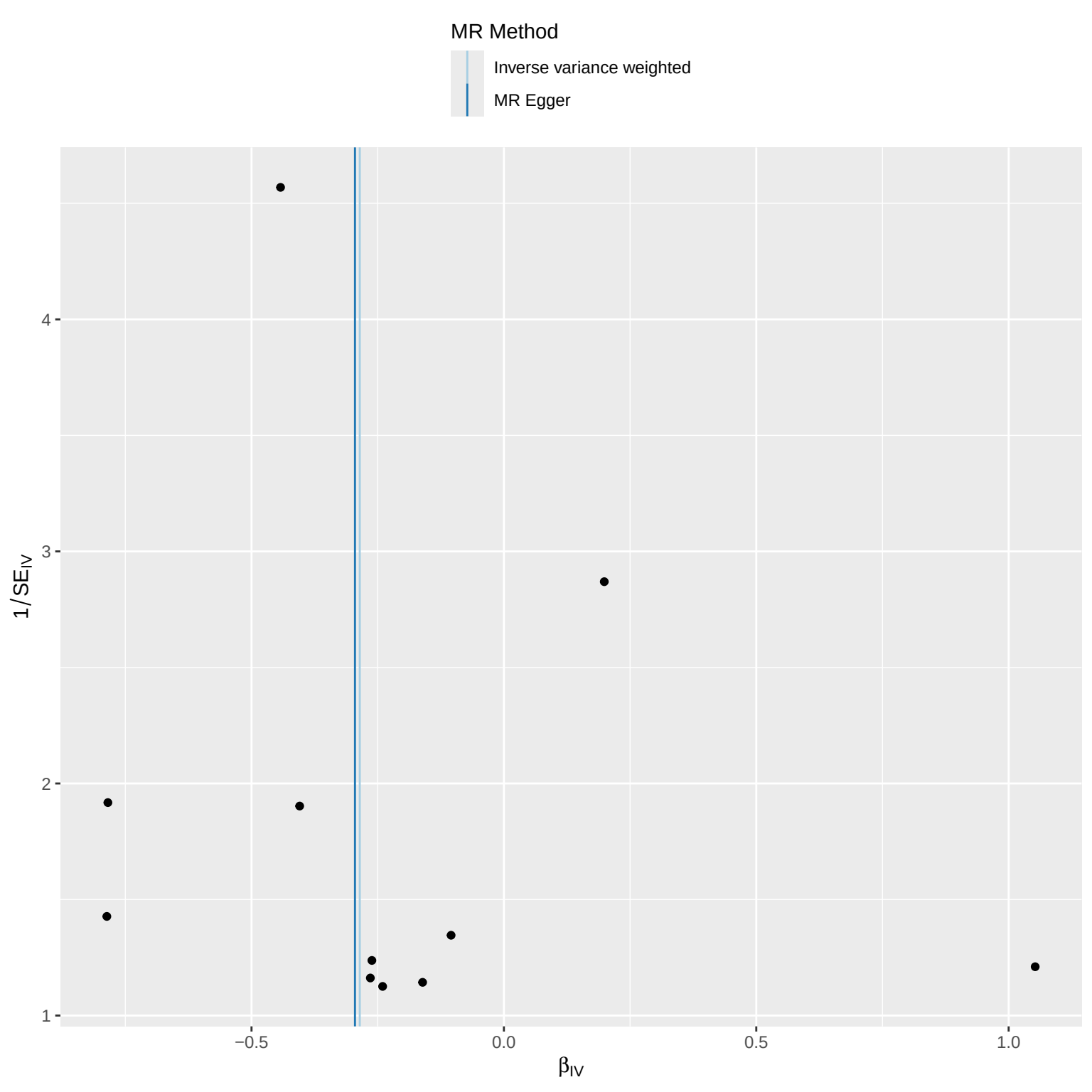

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

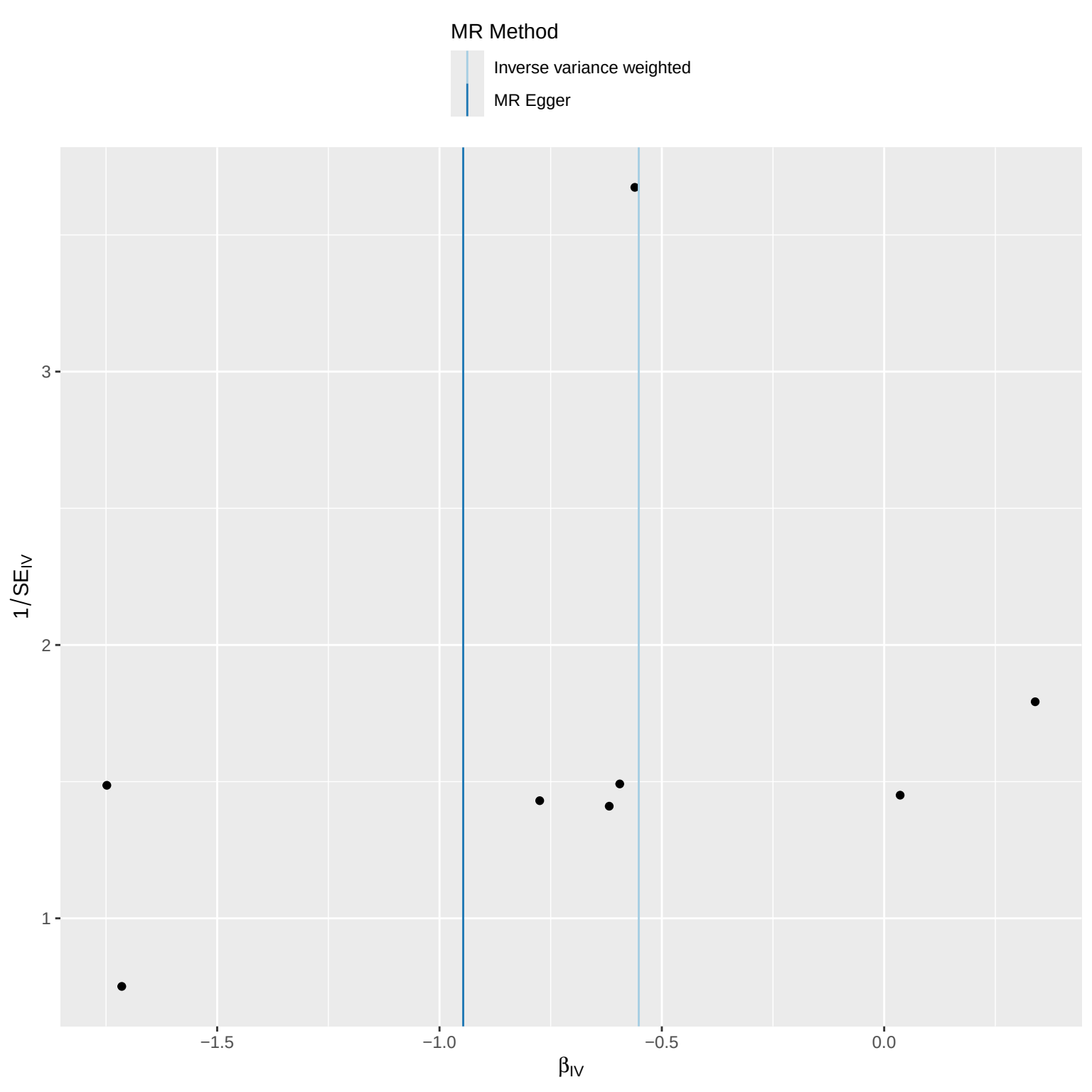

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
1
2
3
4
β_IV

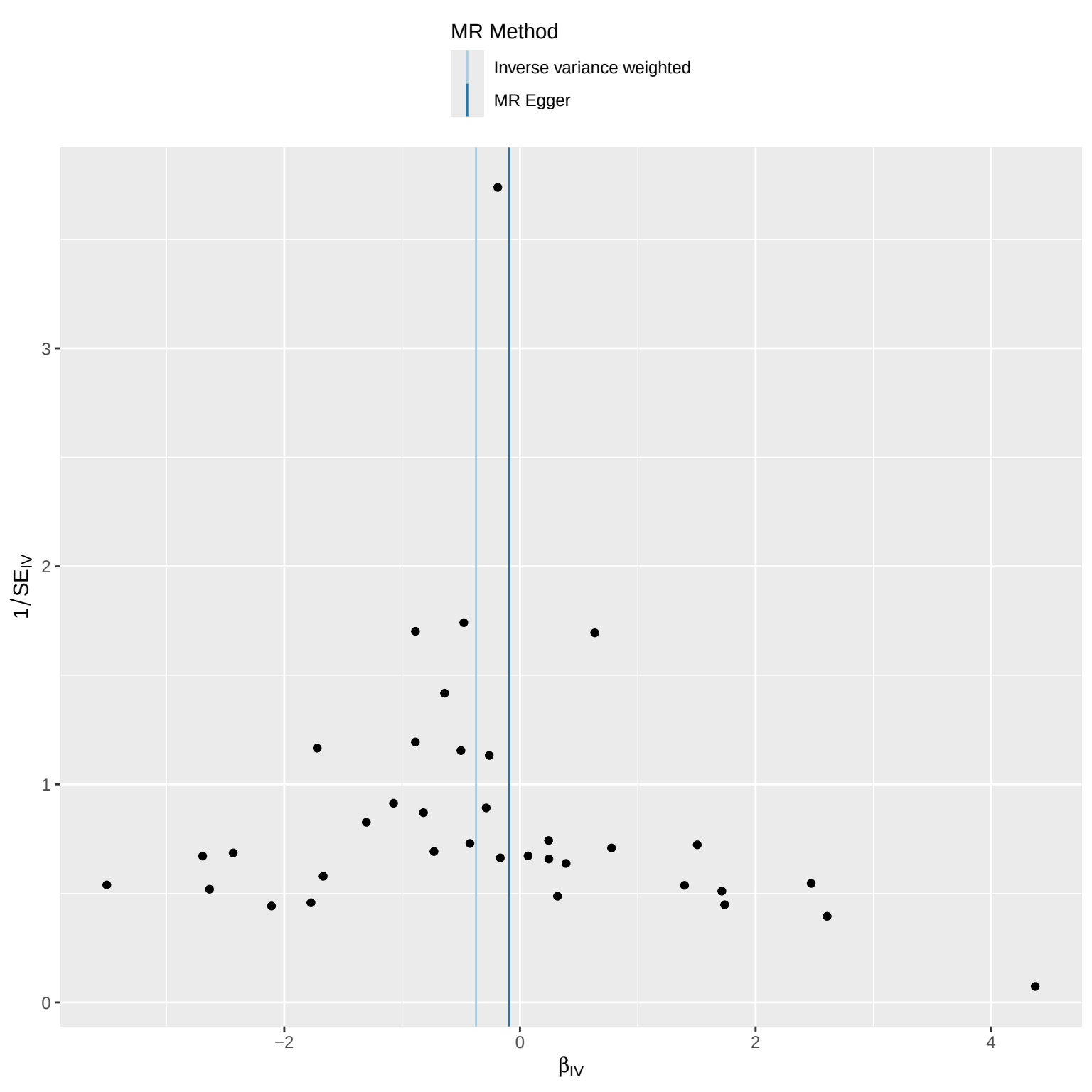

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
β_IV

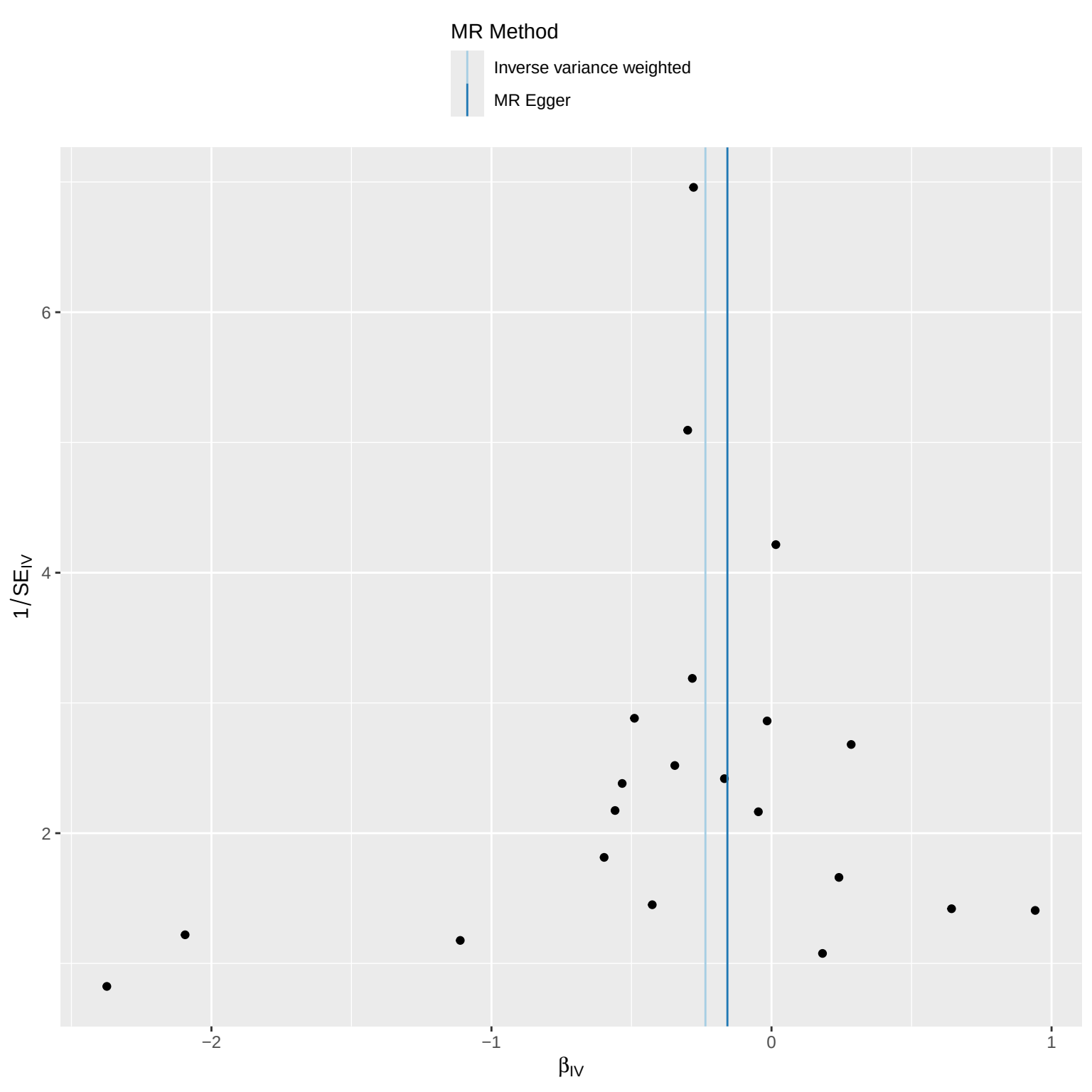

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

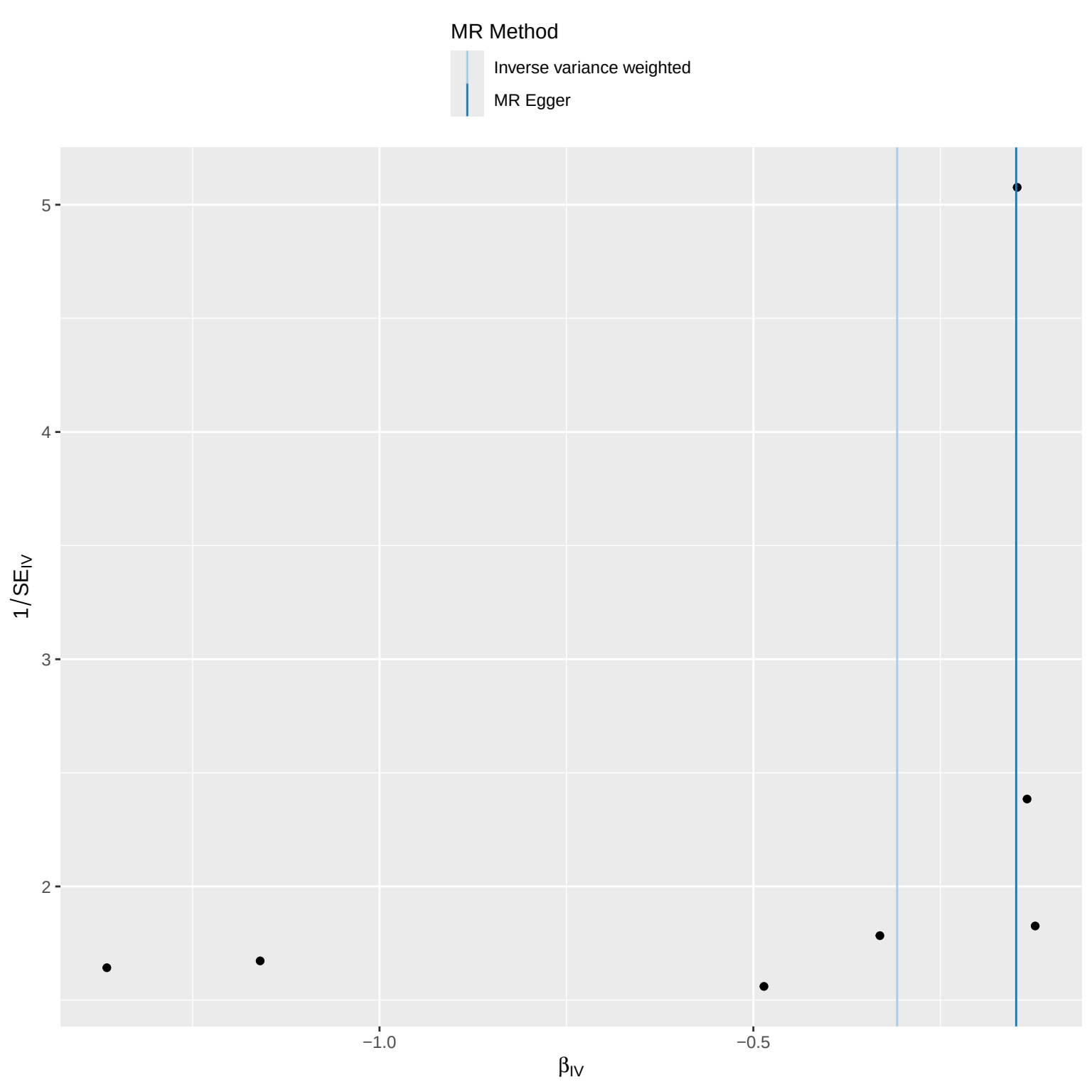

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

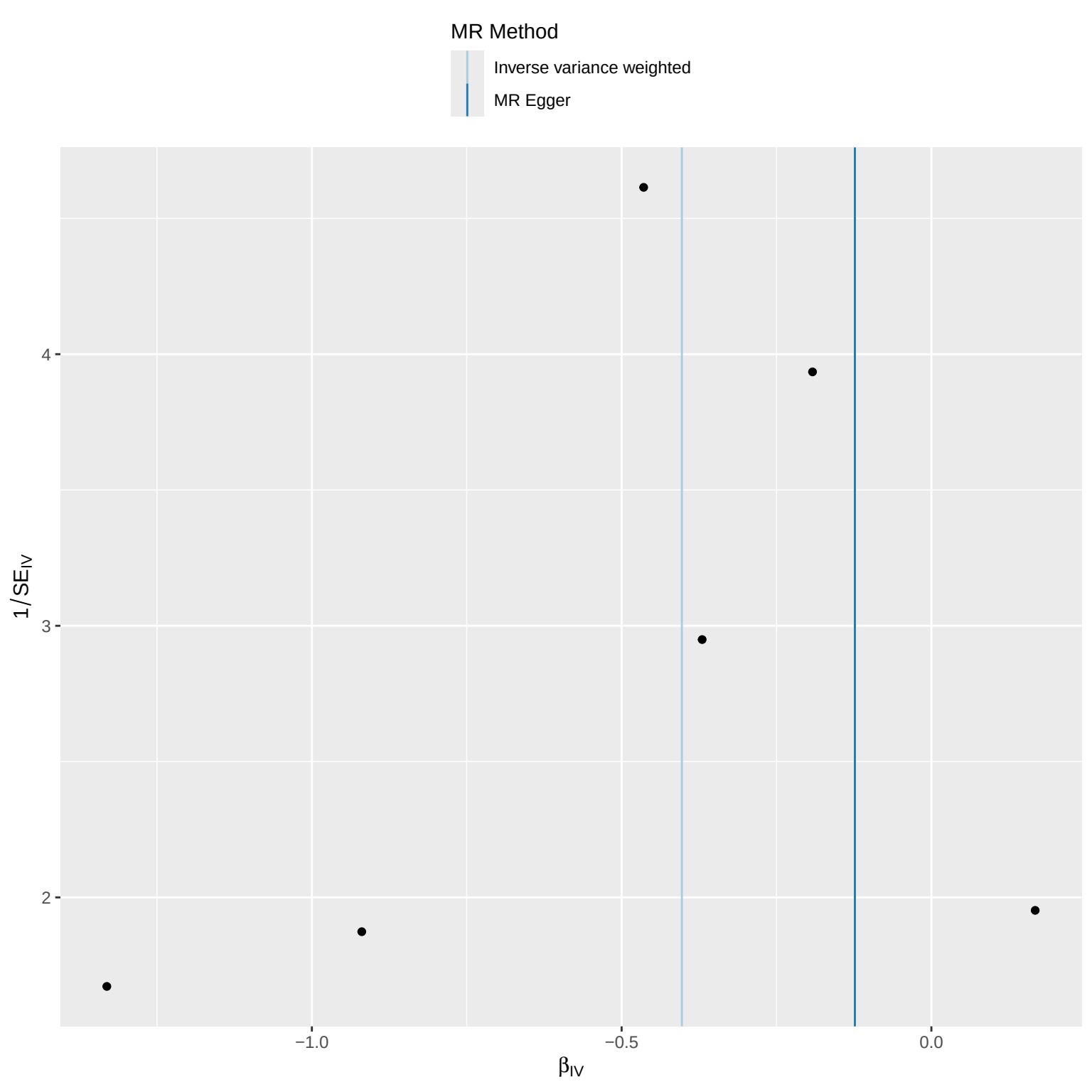

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

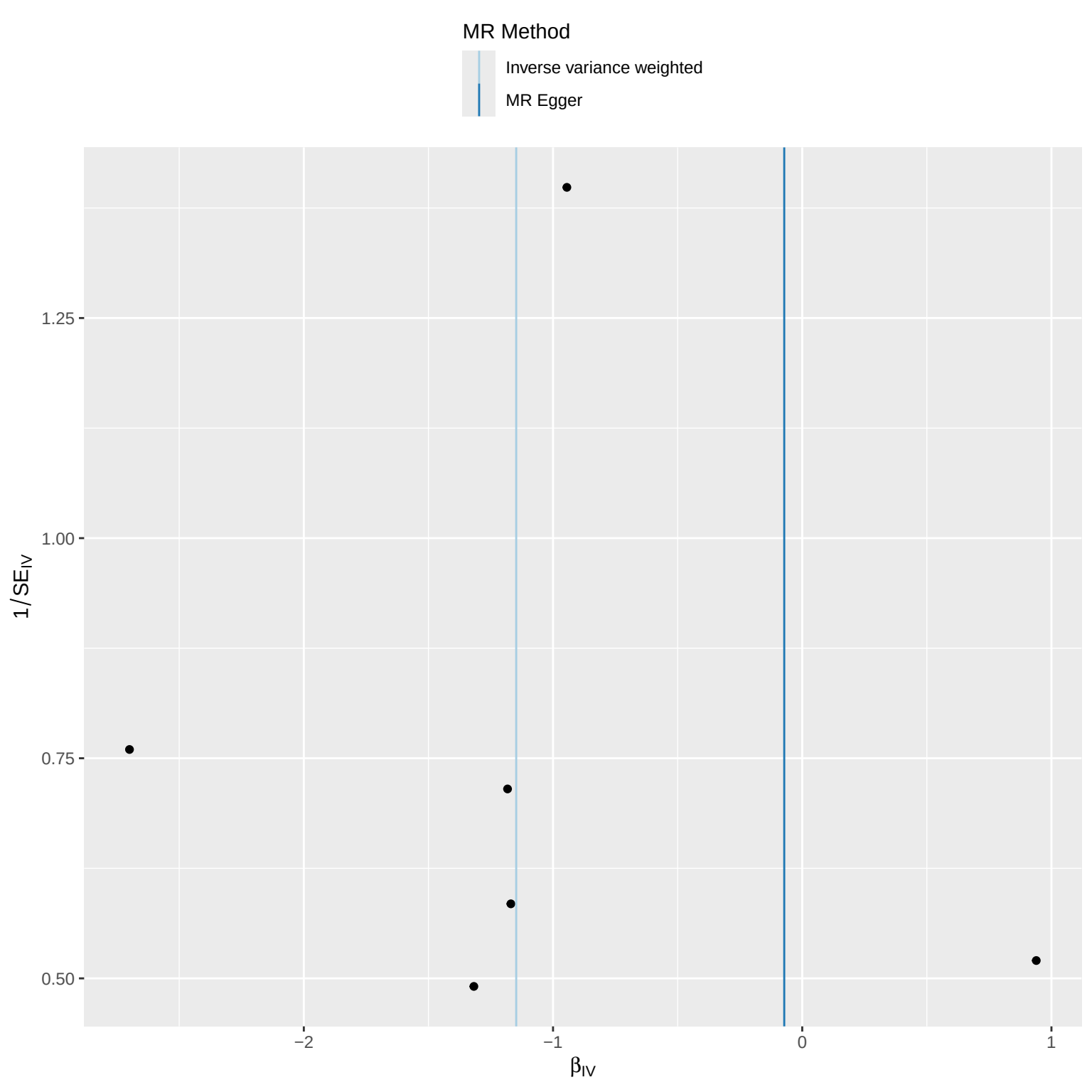

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

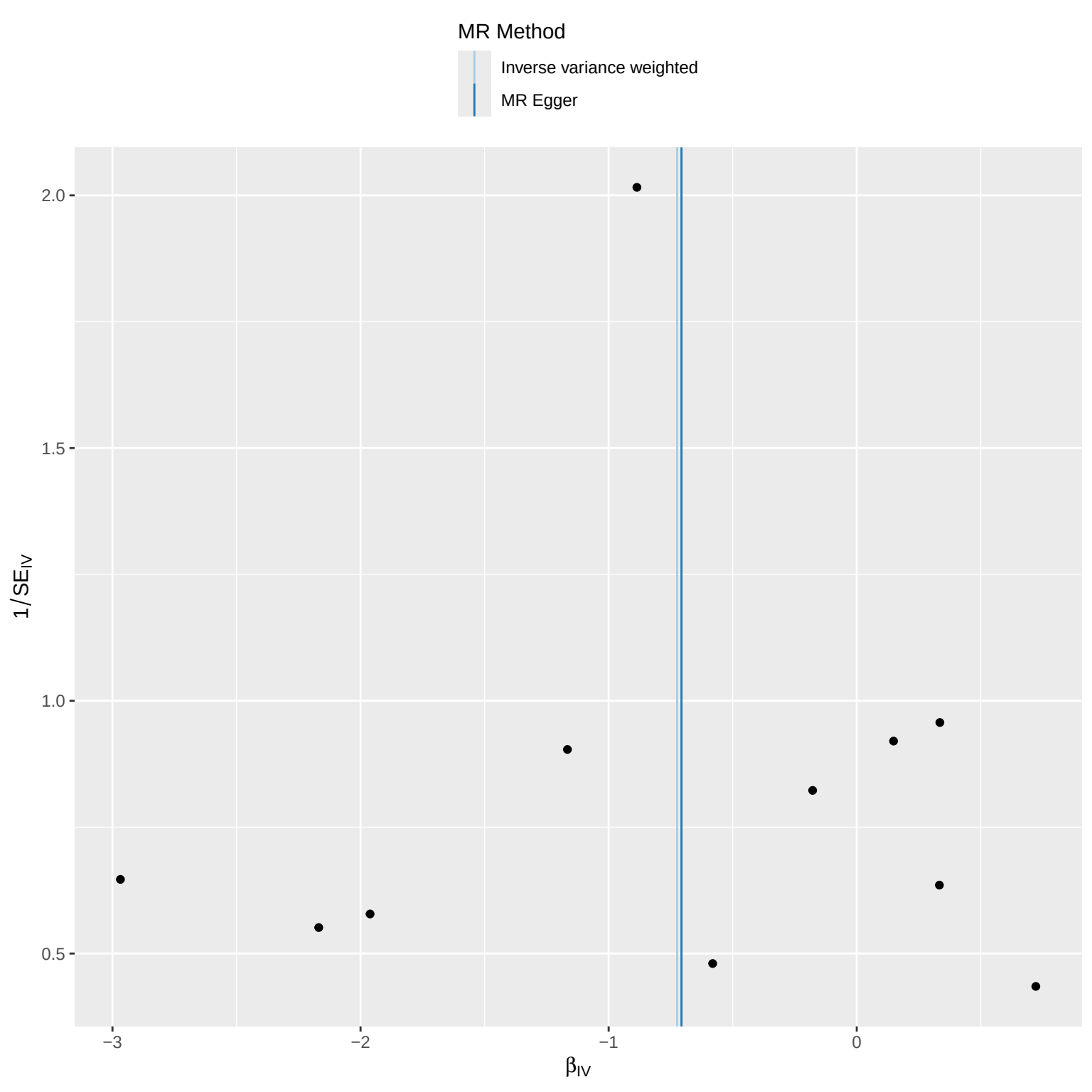

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−2
0
2
4
β_IV

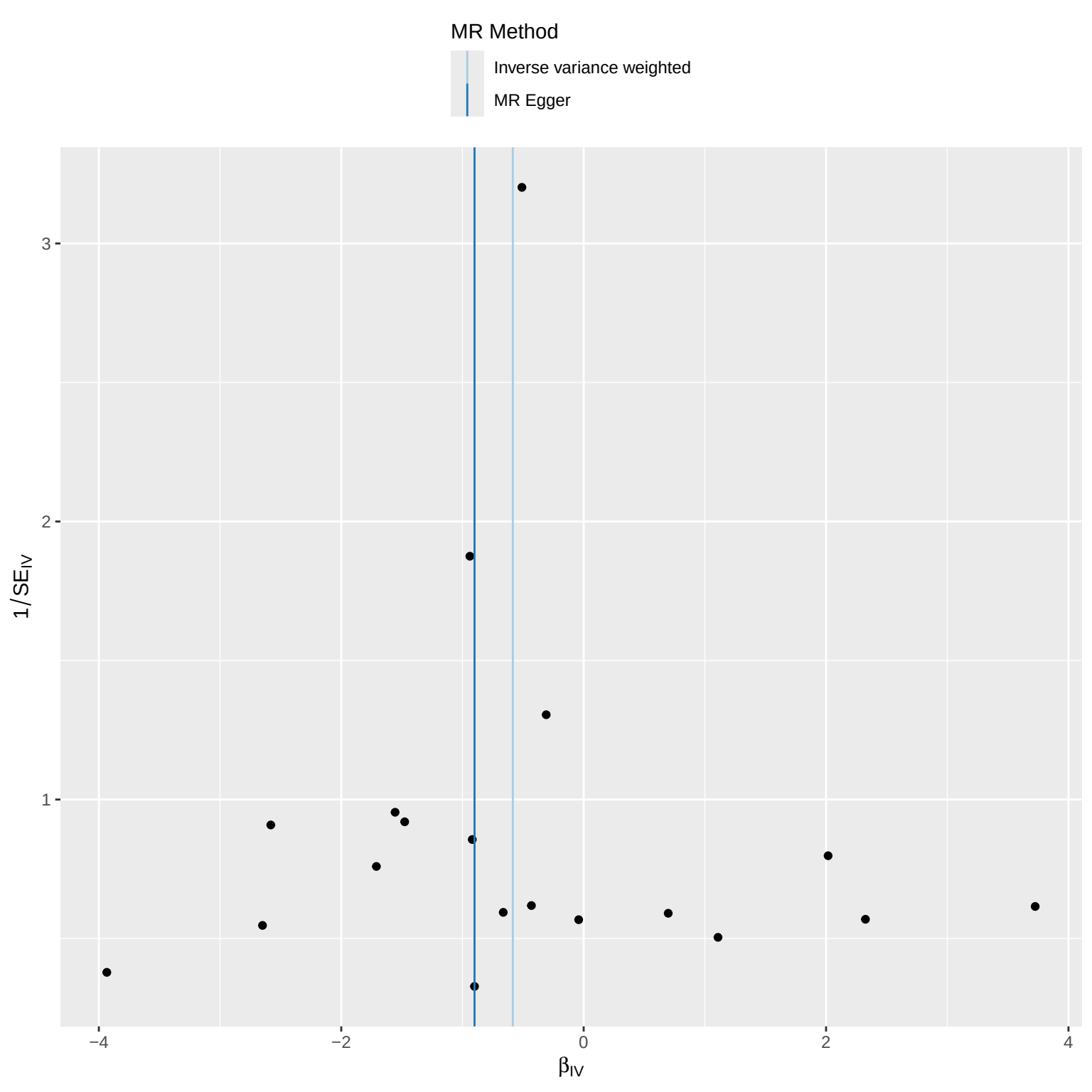

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

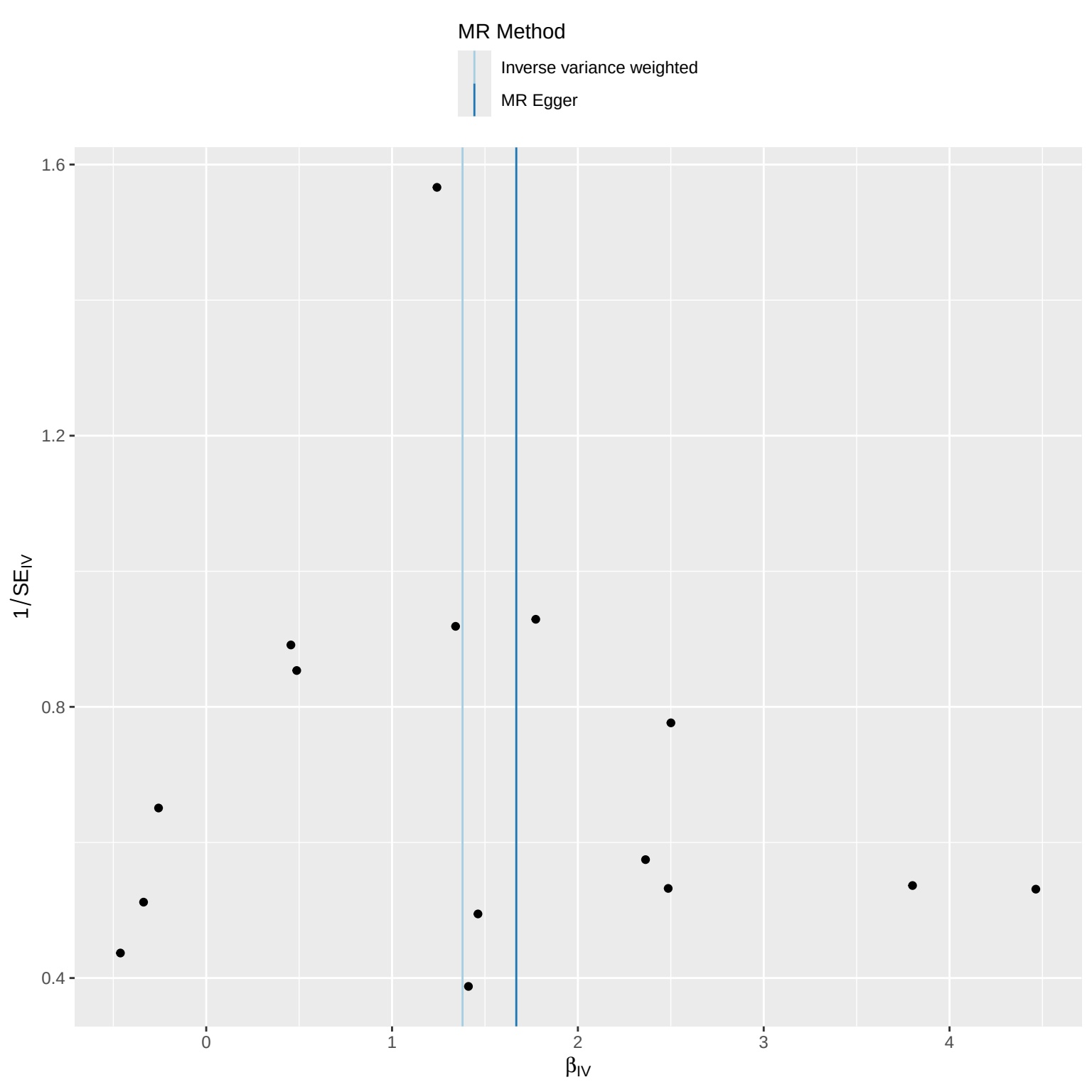

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.0
−0.5
β_IV

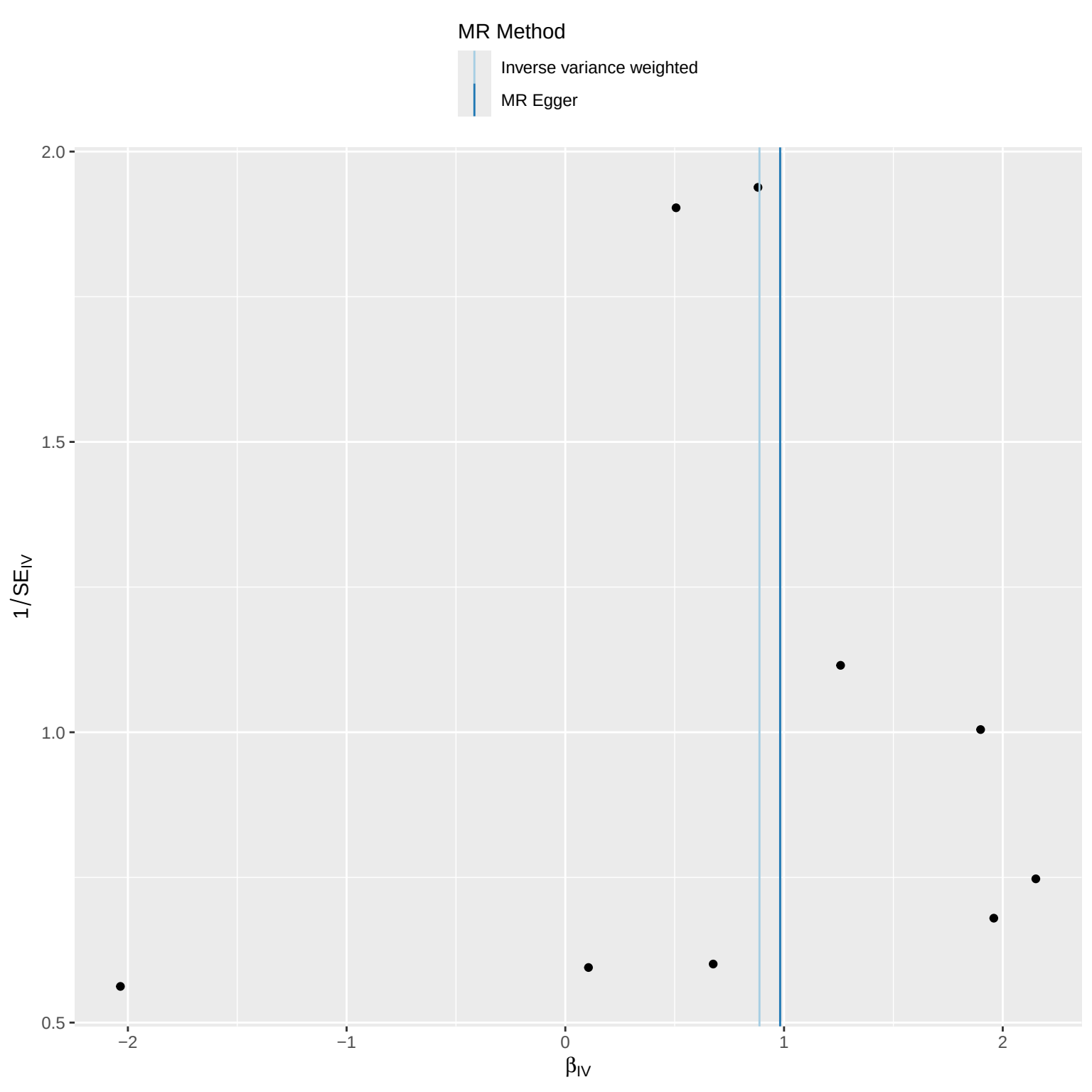

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.0
−0.5
0.0
β_IV

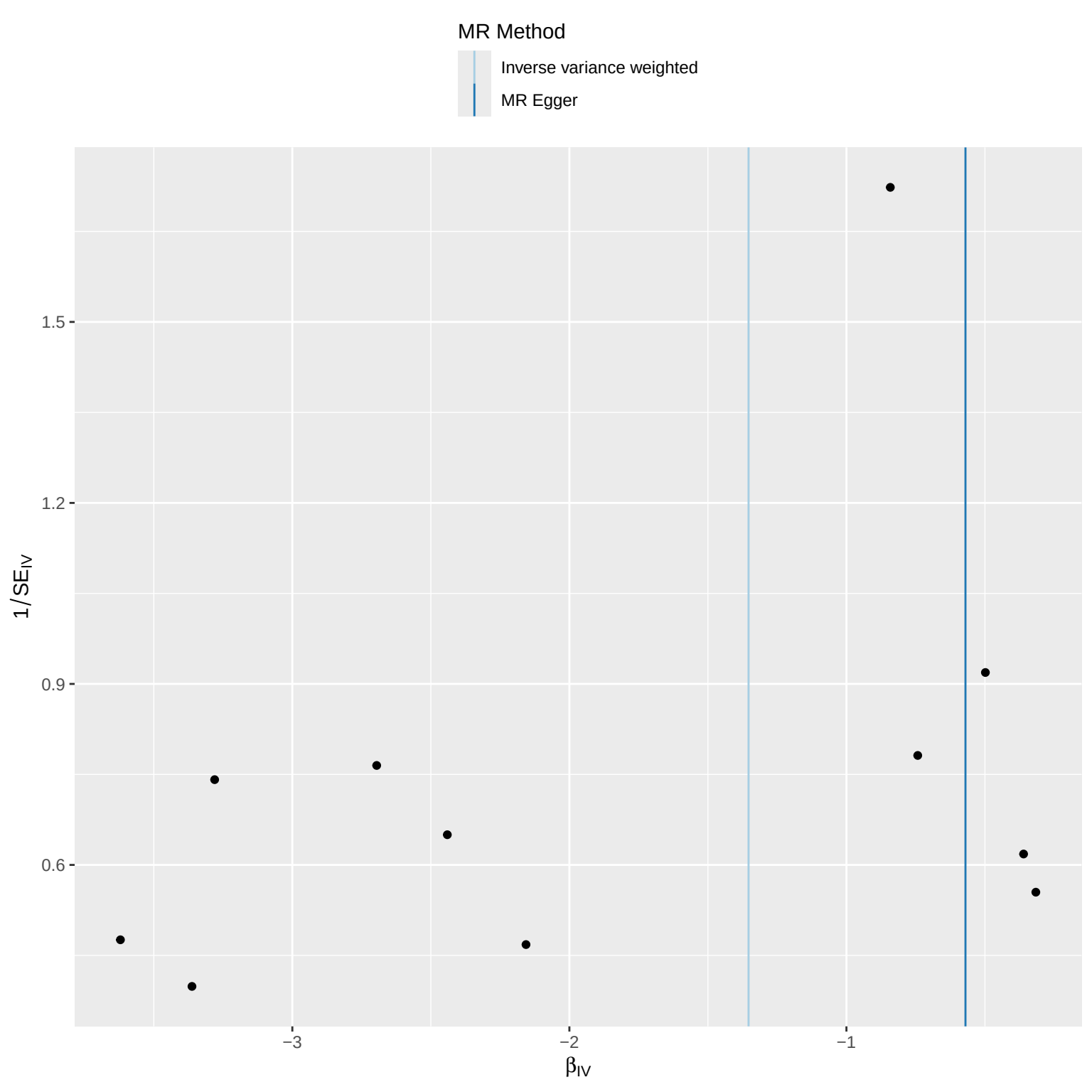

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
β_IV

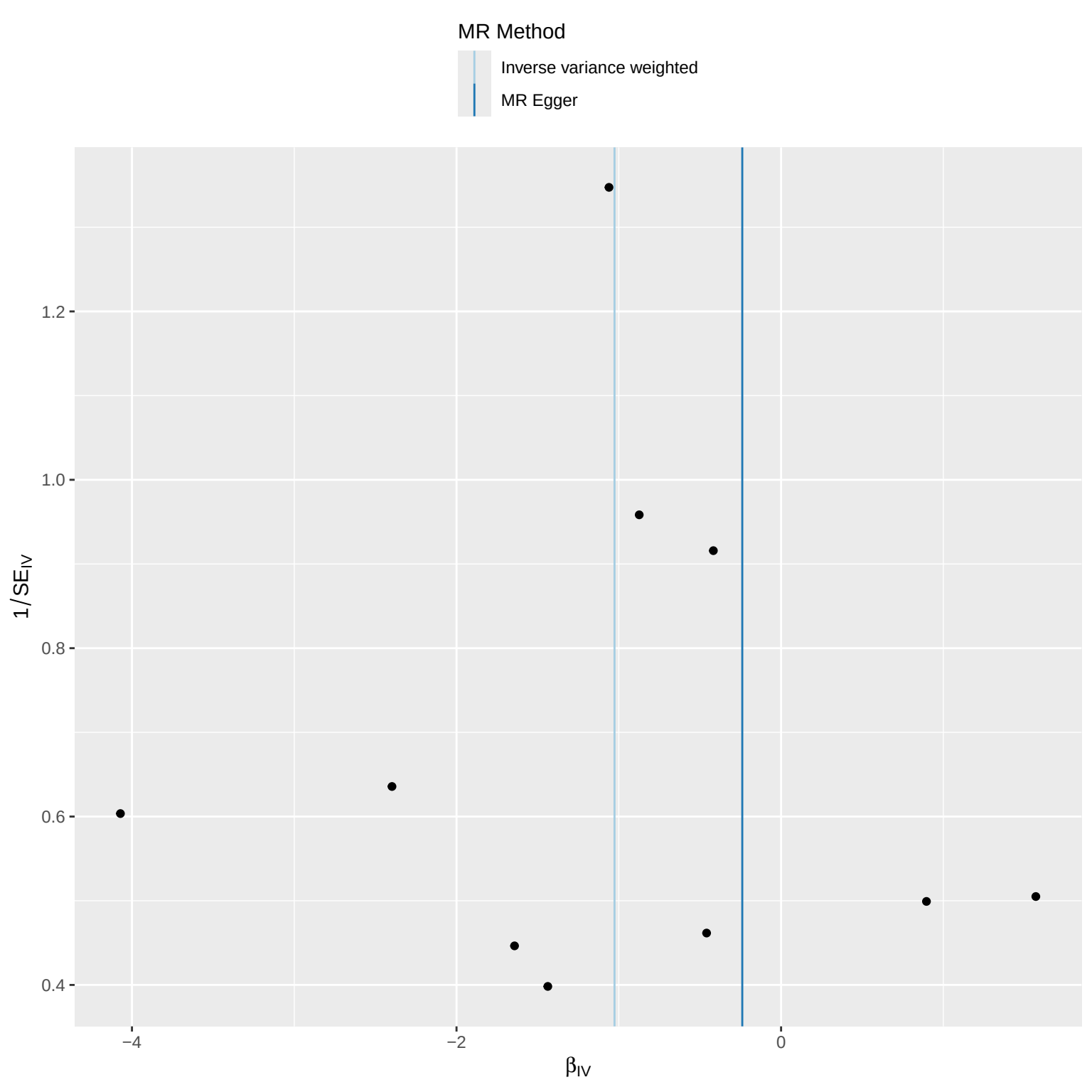

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

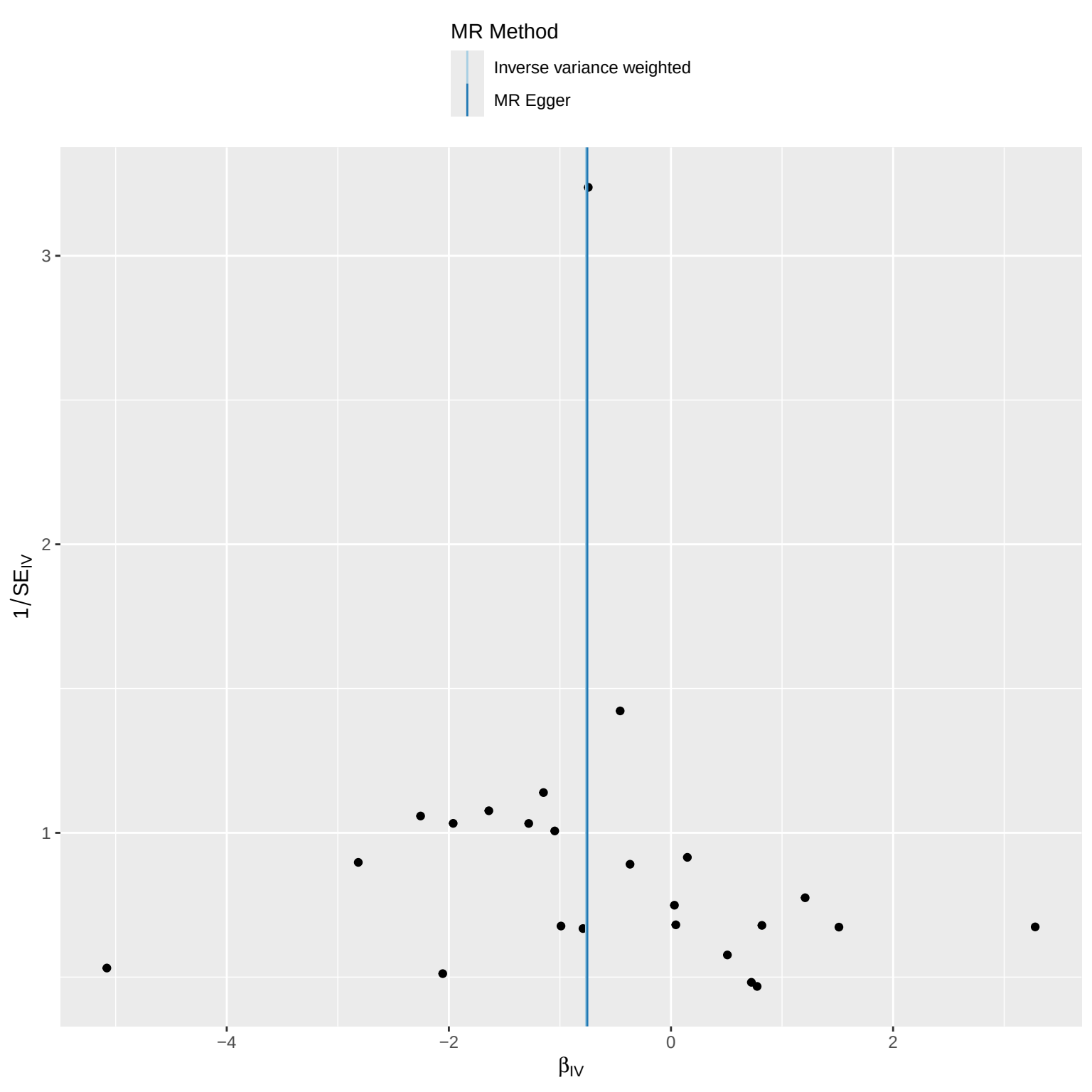

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

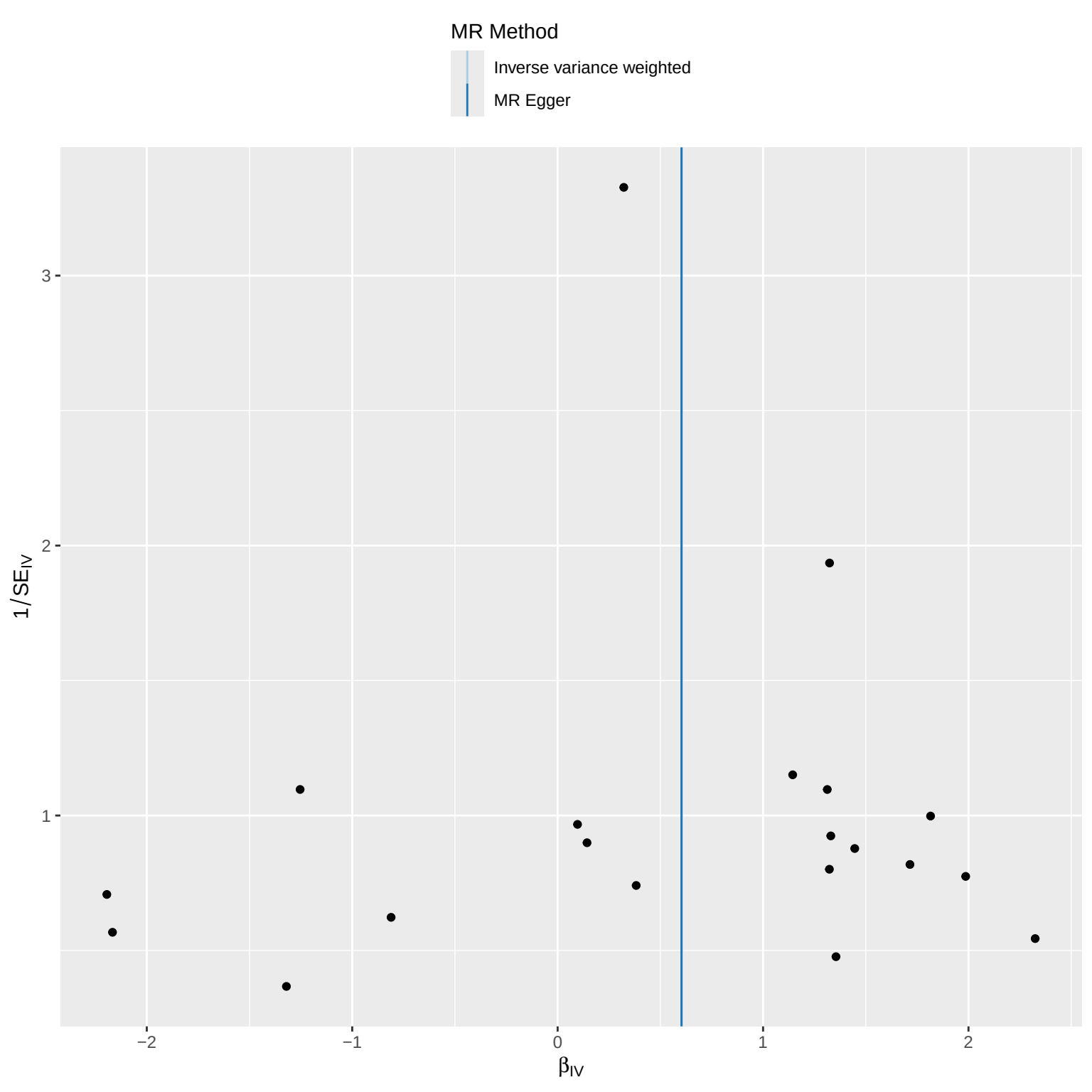

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
1
2
3
4
β_IV

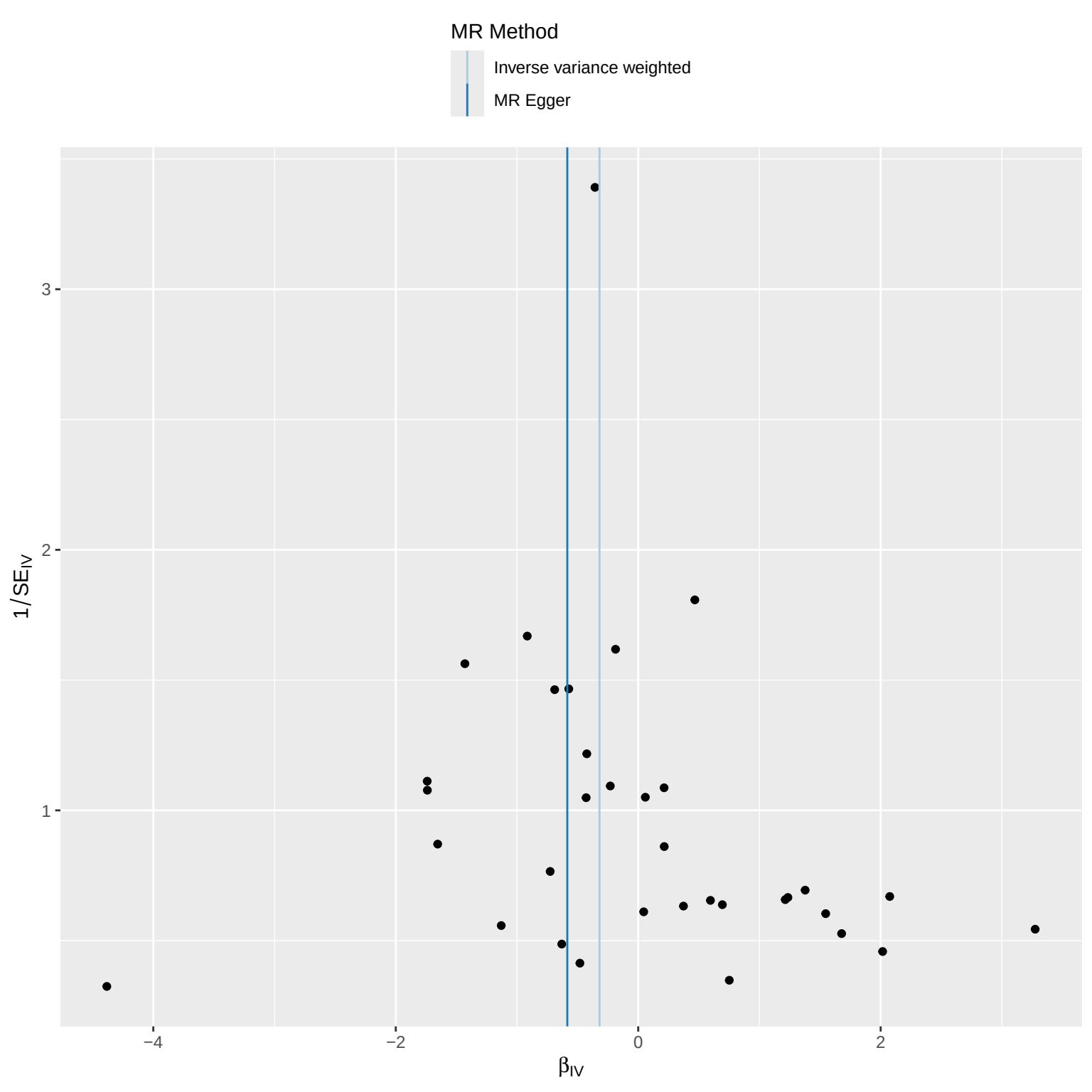

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

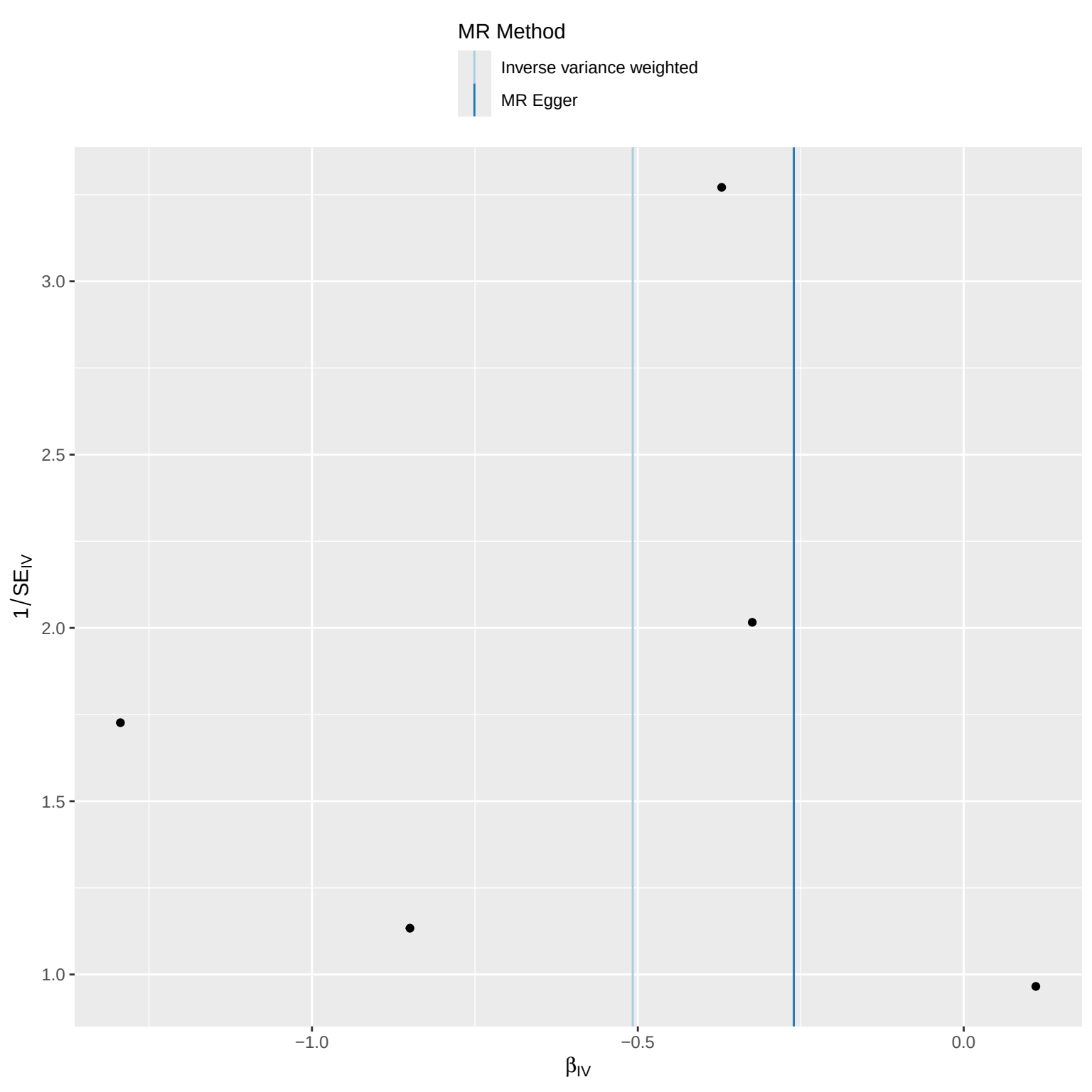

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
β_IV

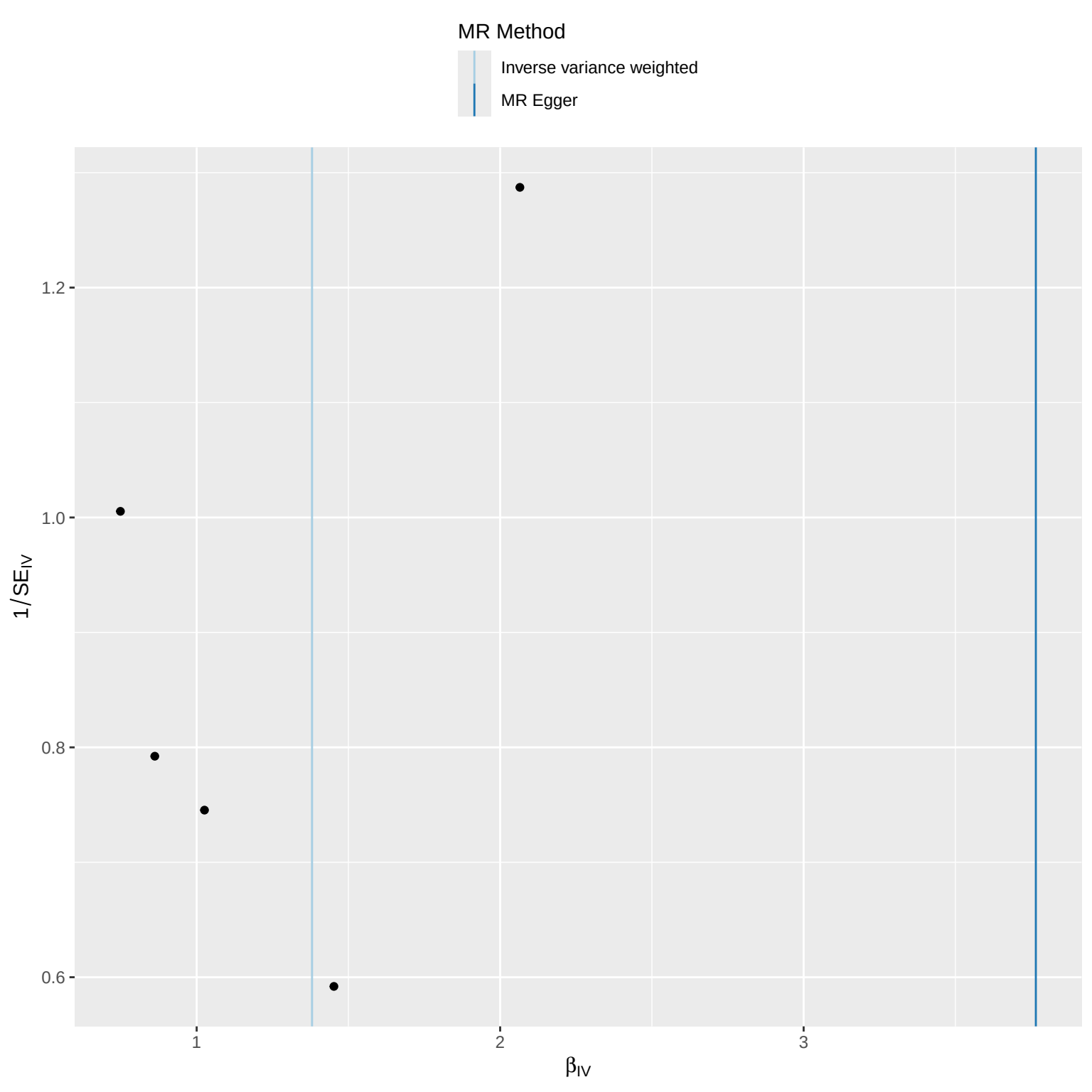

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−4
−2
0
β_IV

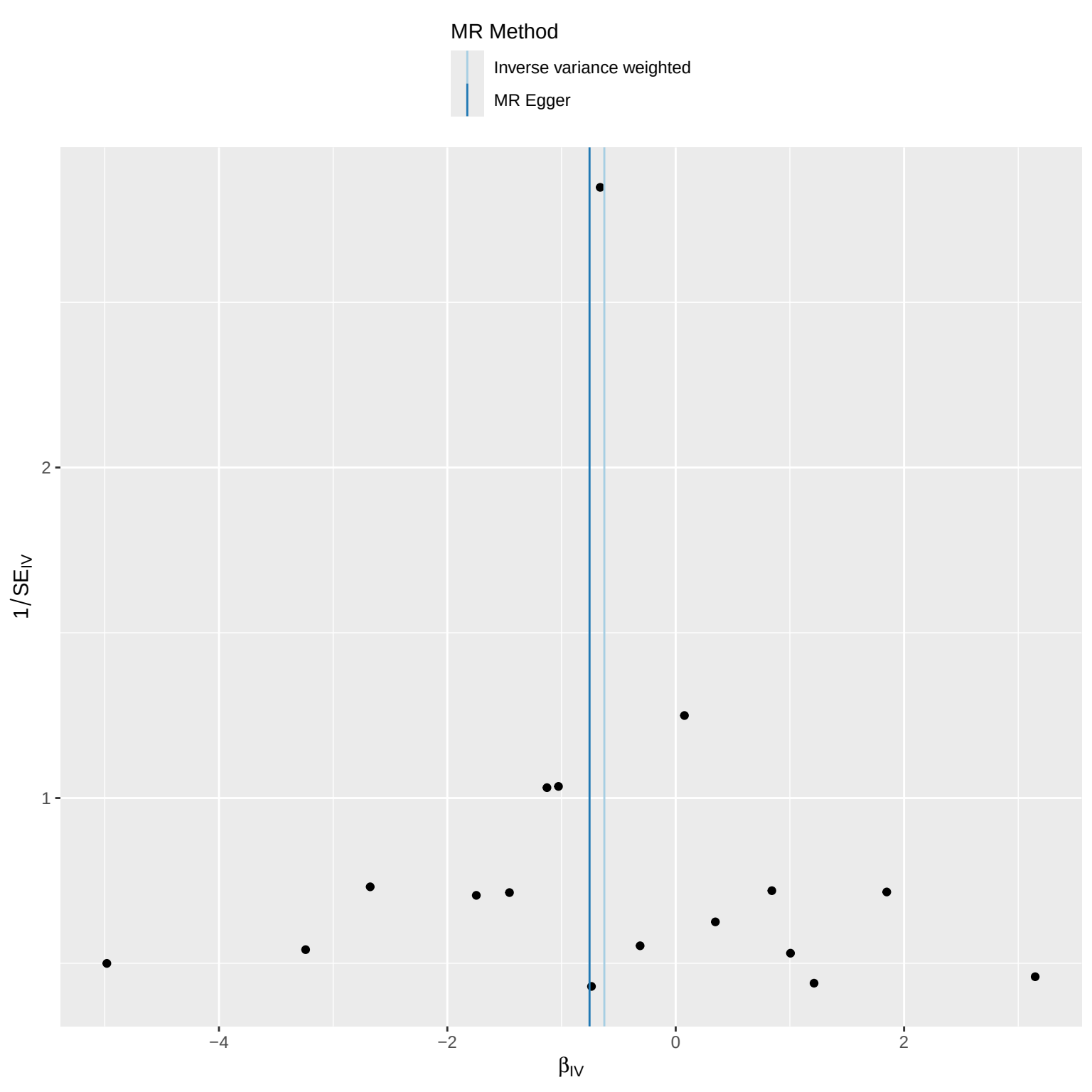

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

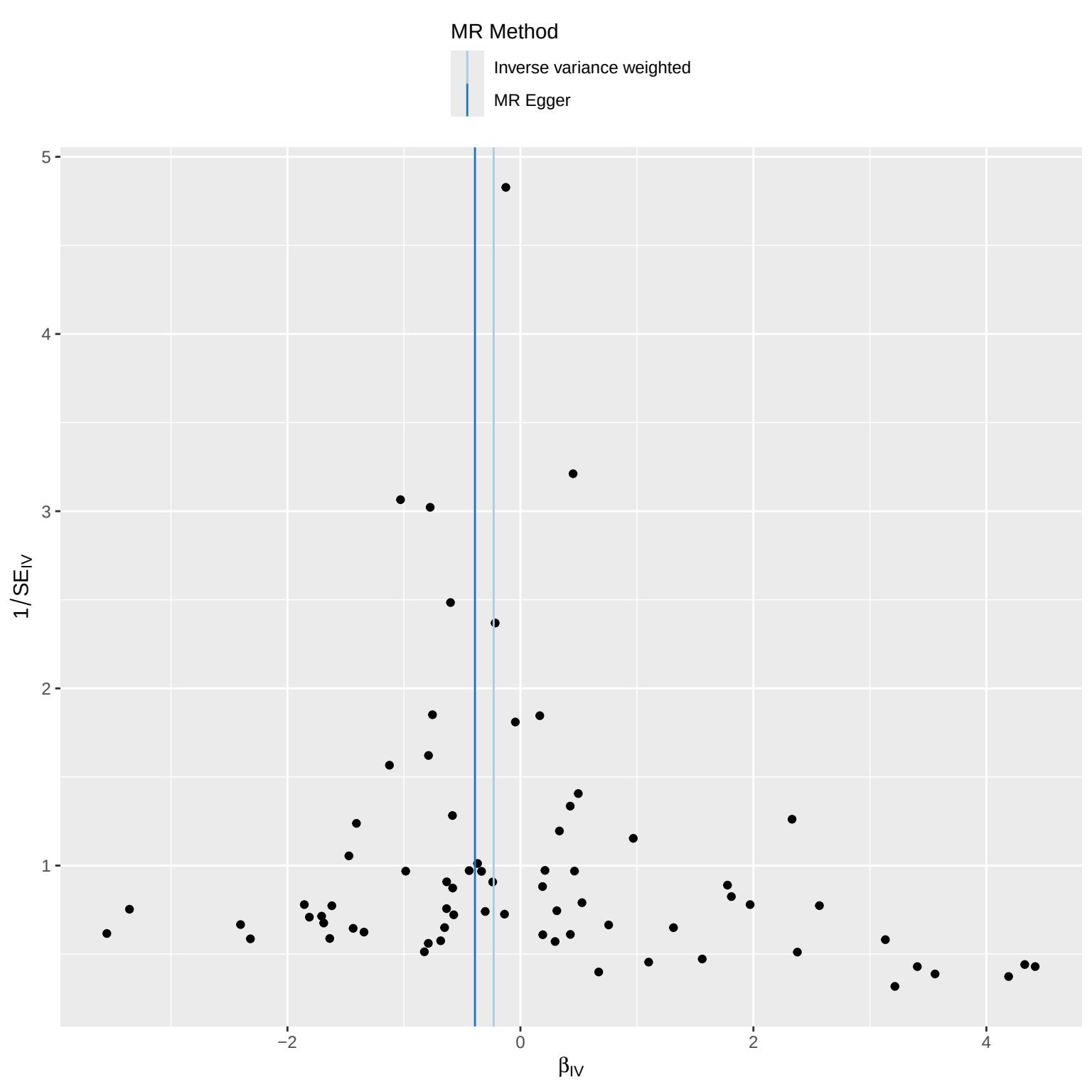

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

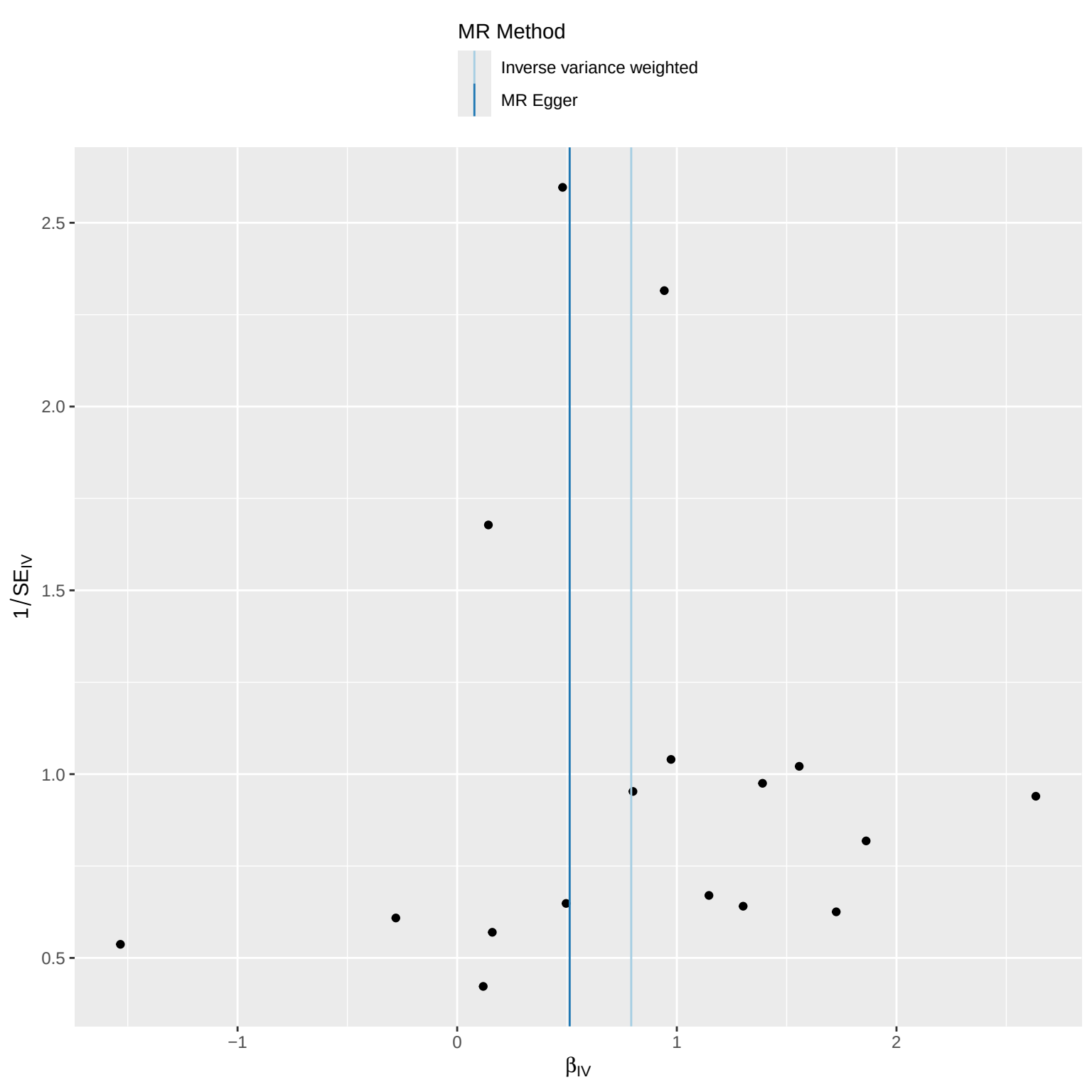

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

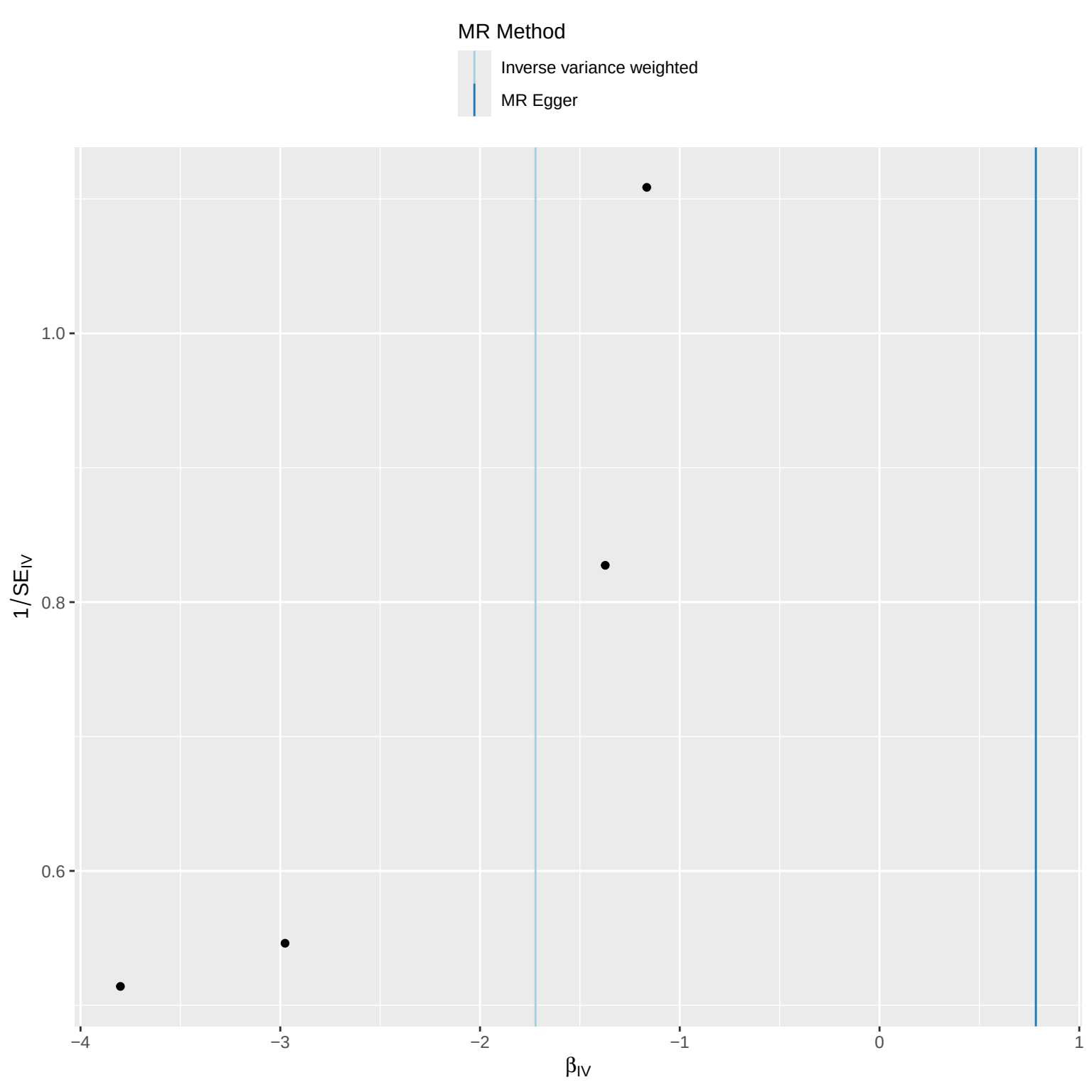

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

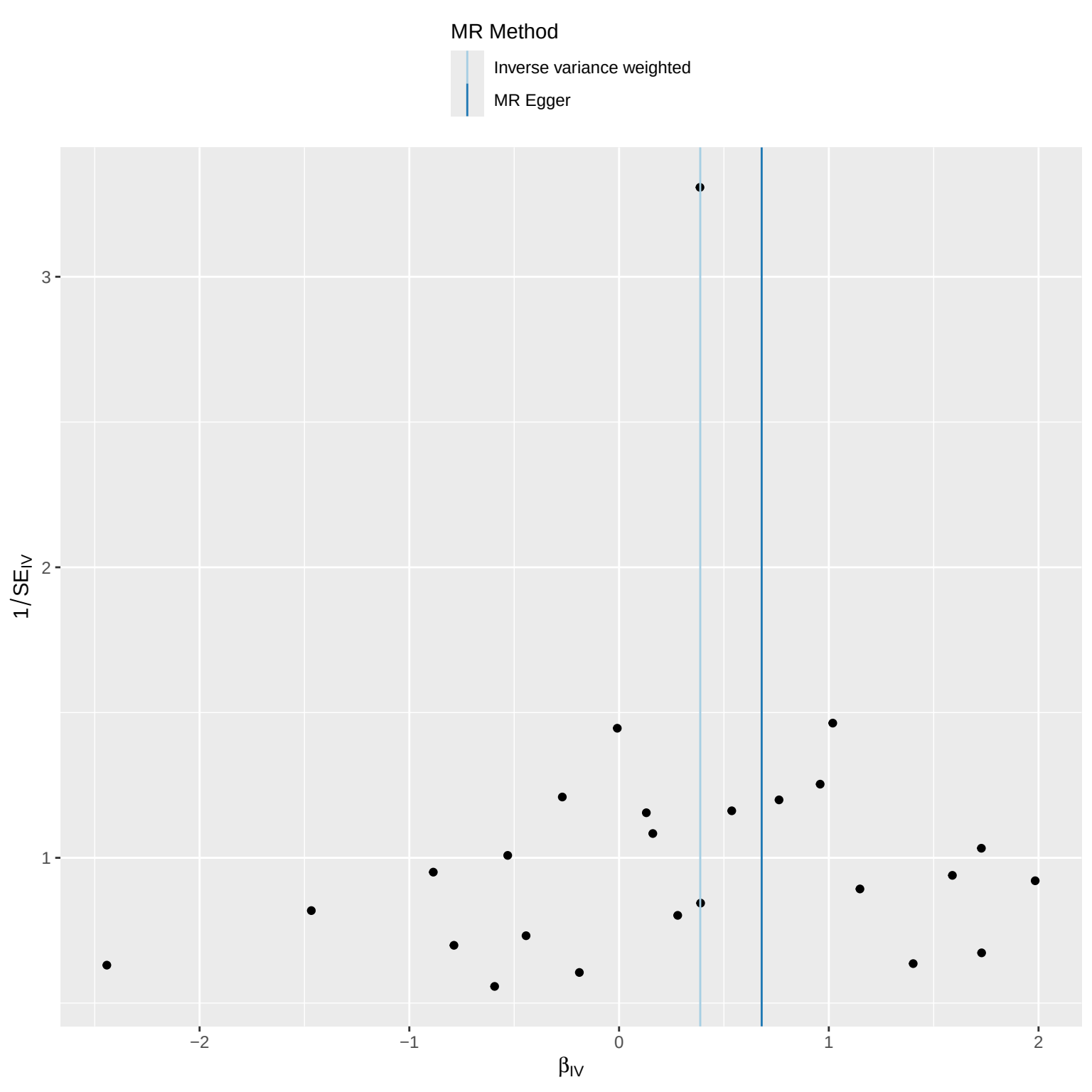

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
1
2
3
β_IV

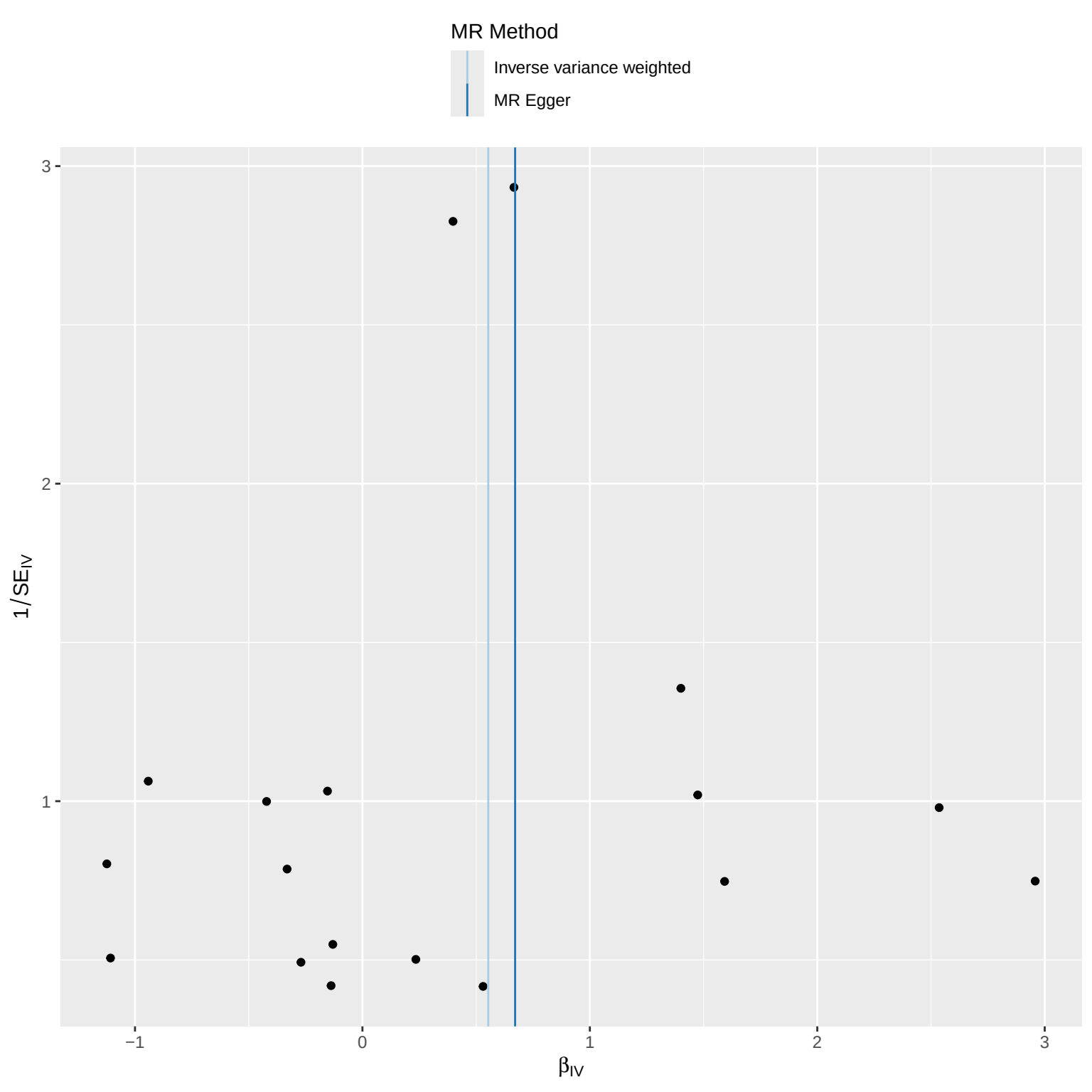

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

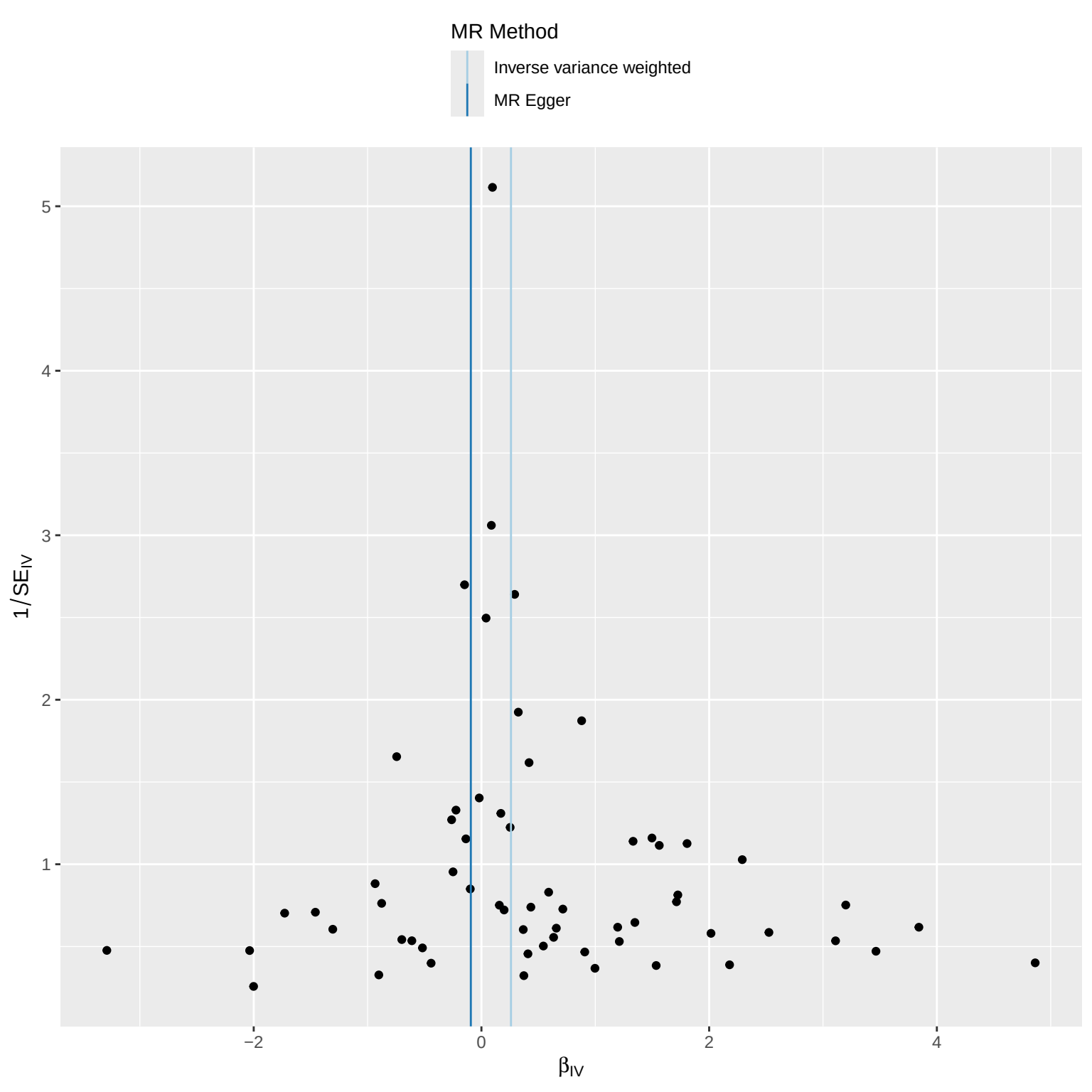

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

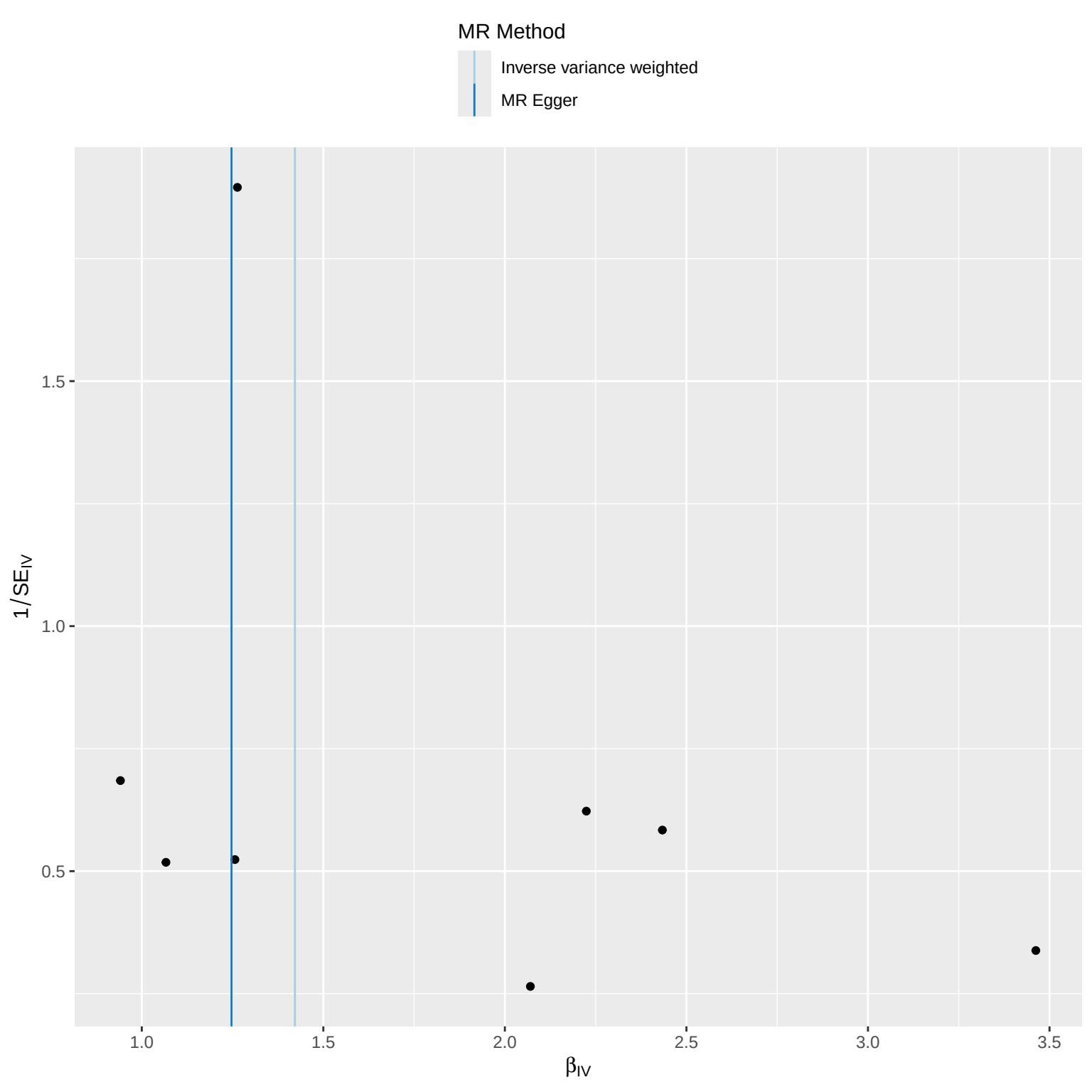

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

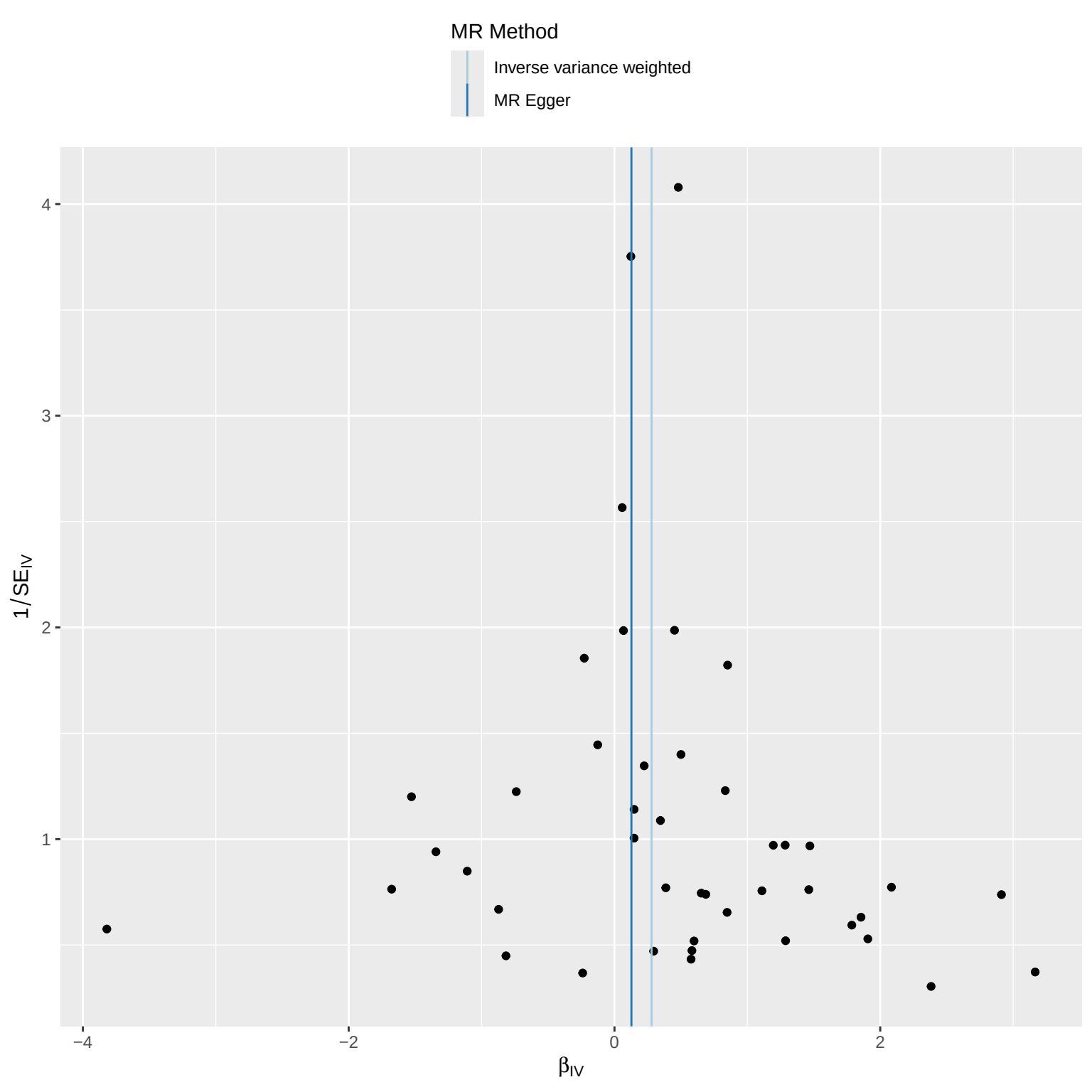

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

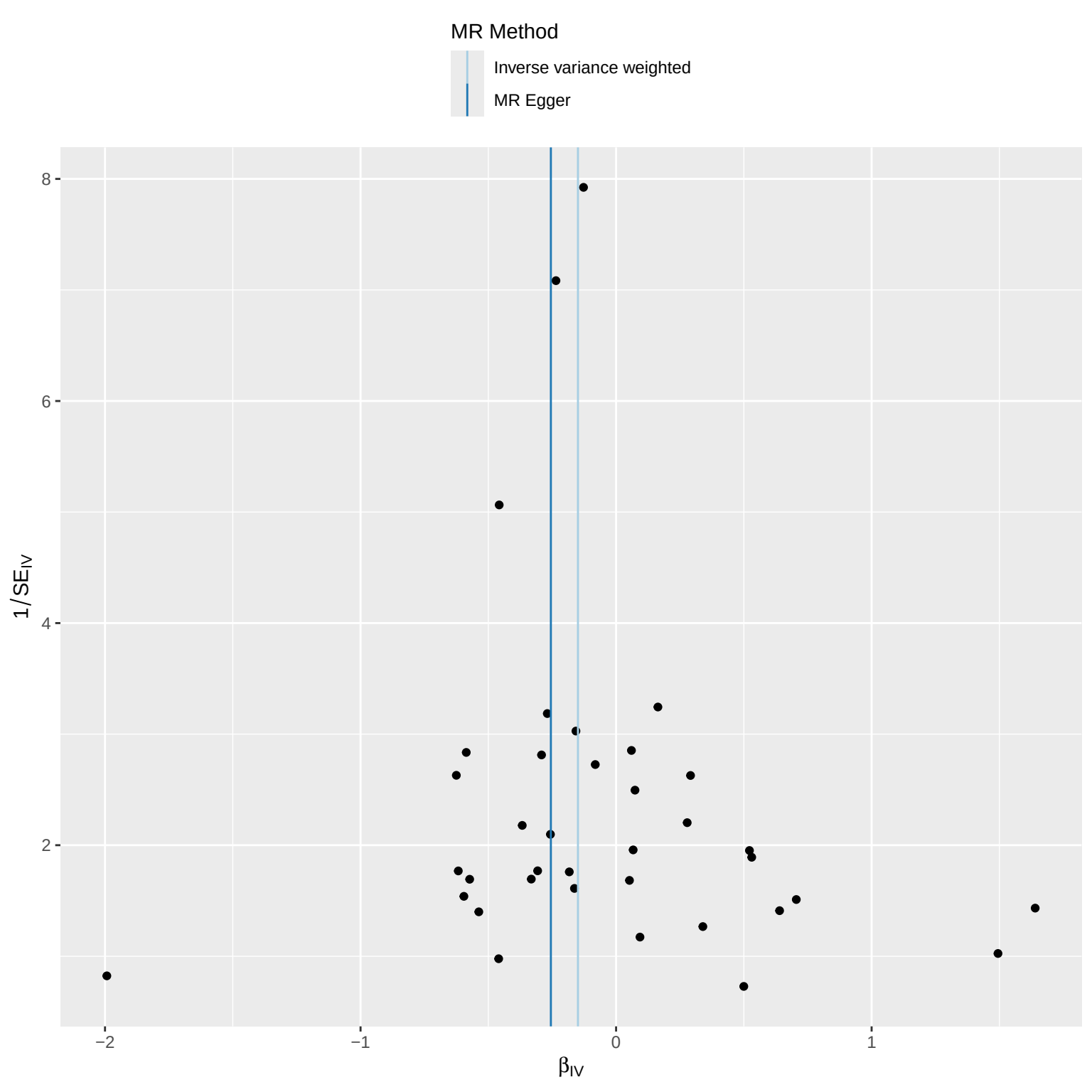

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

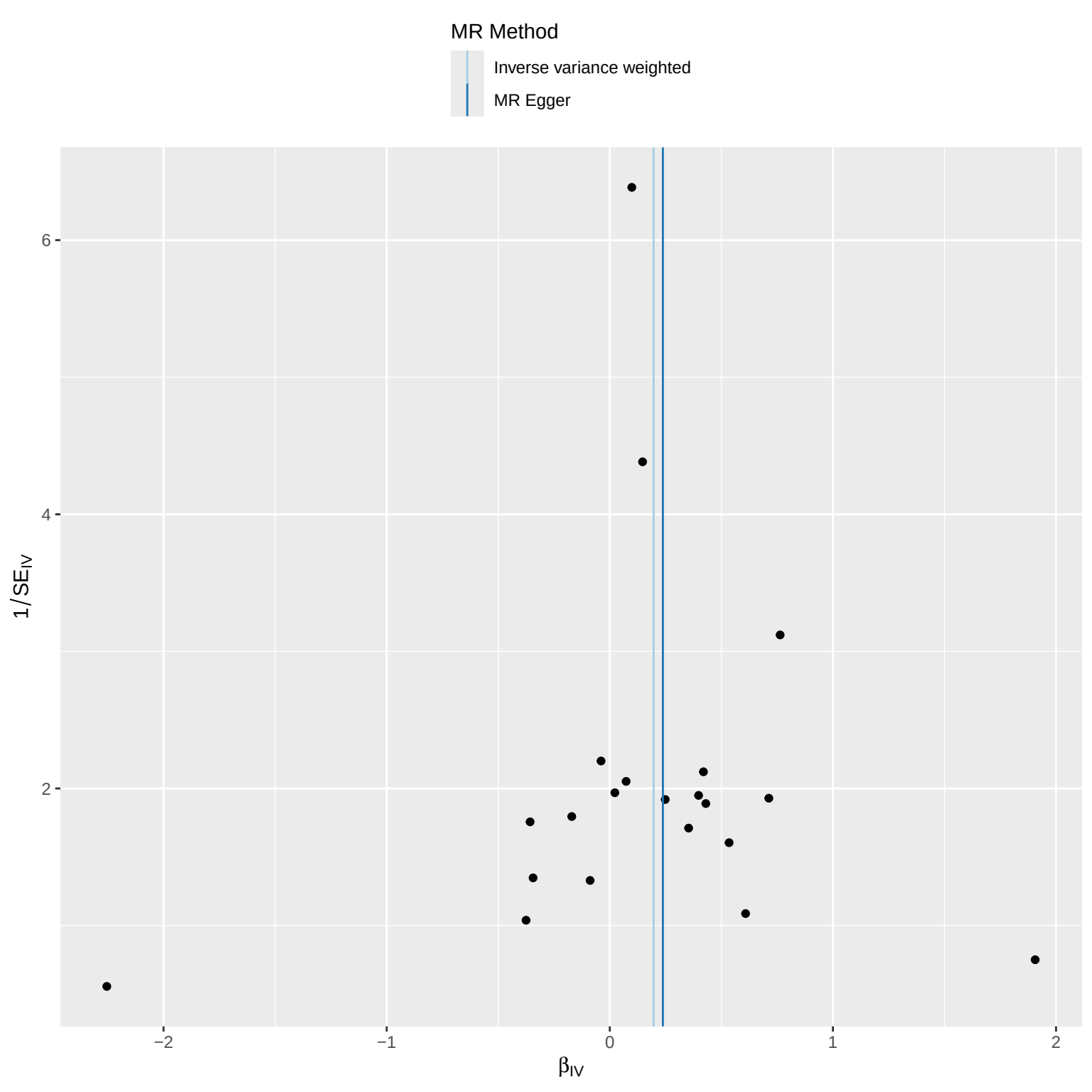

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

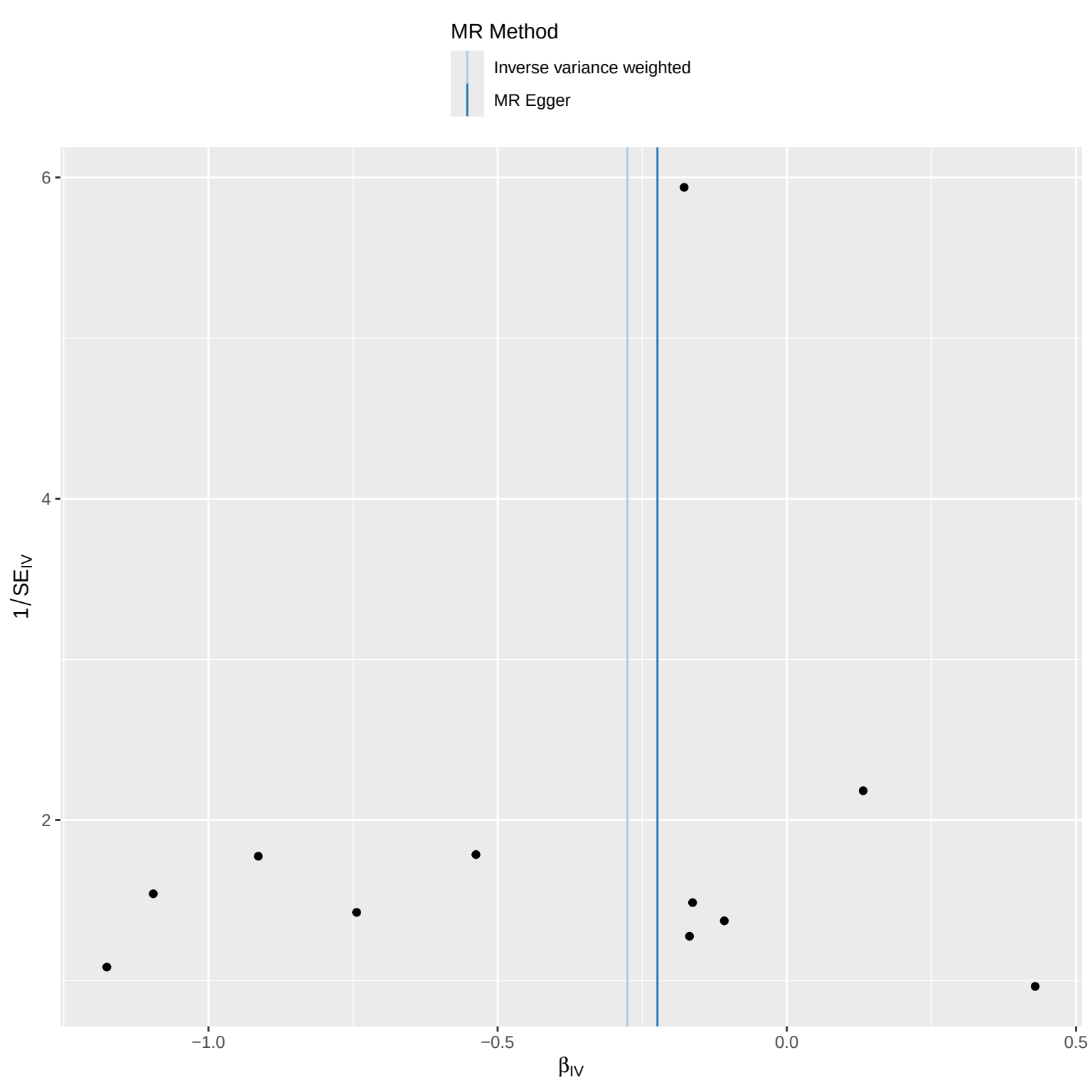

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

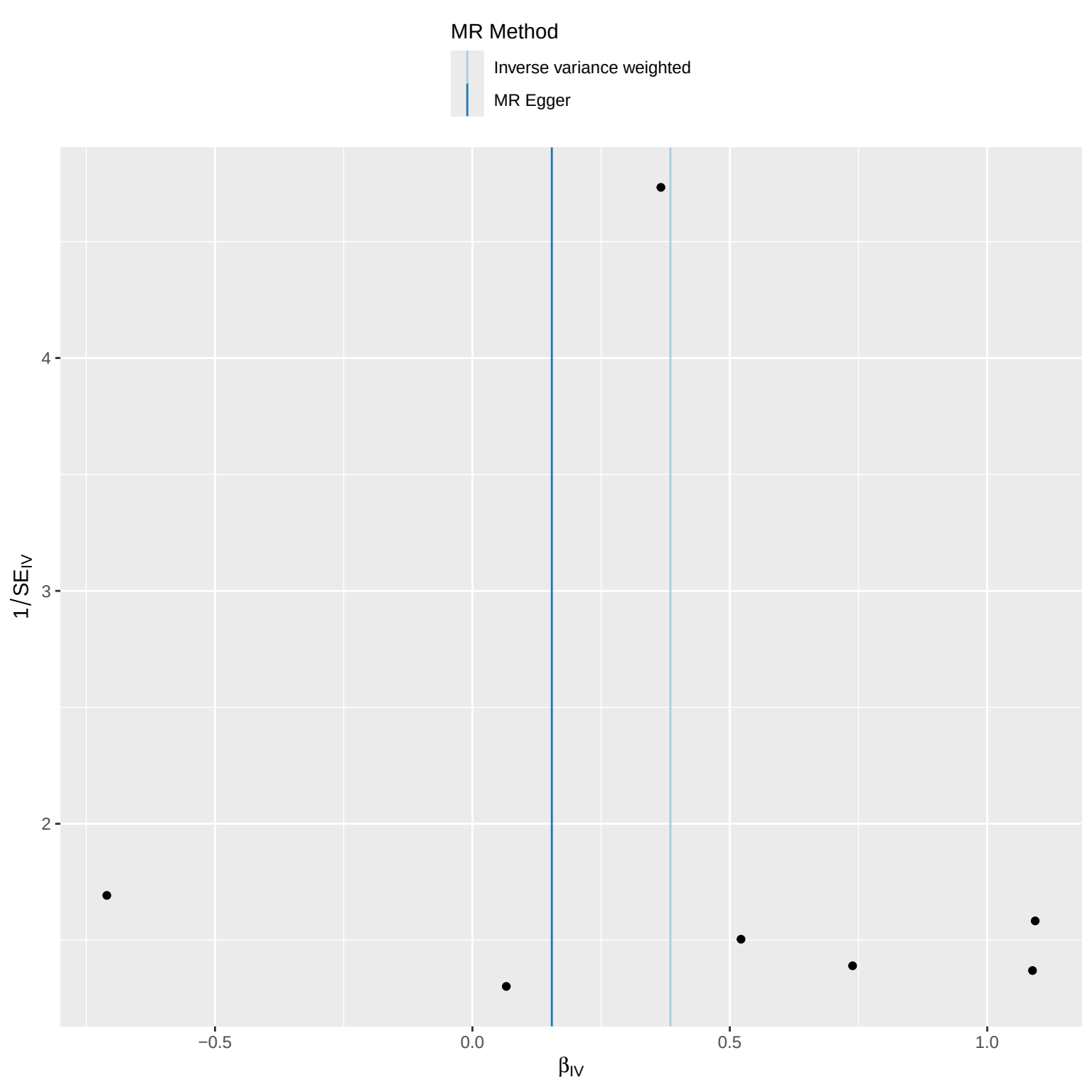

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
1.0
1.5
2.0
2.5
3.0
3.5
β_IV

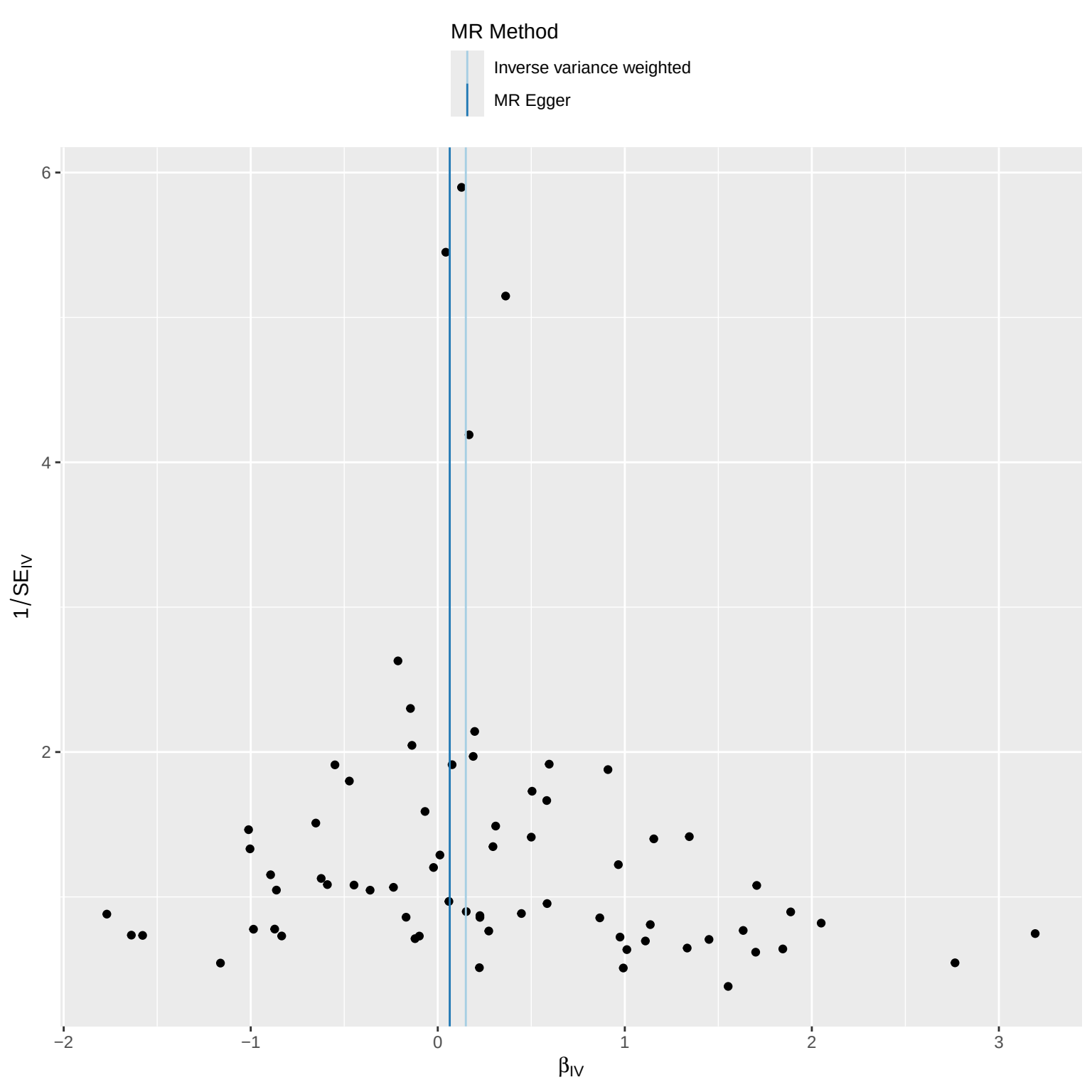

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

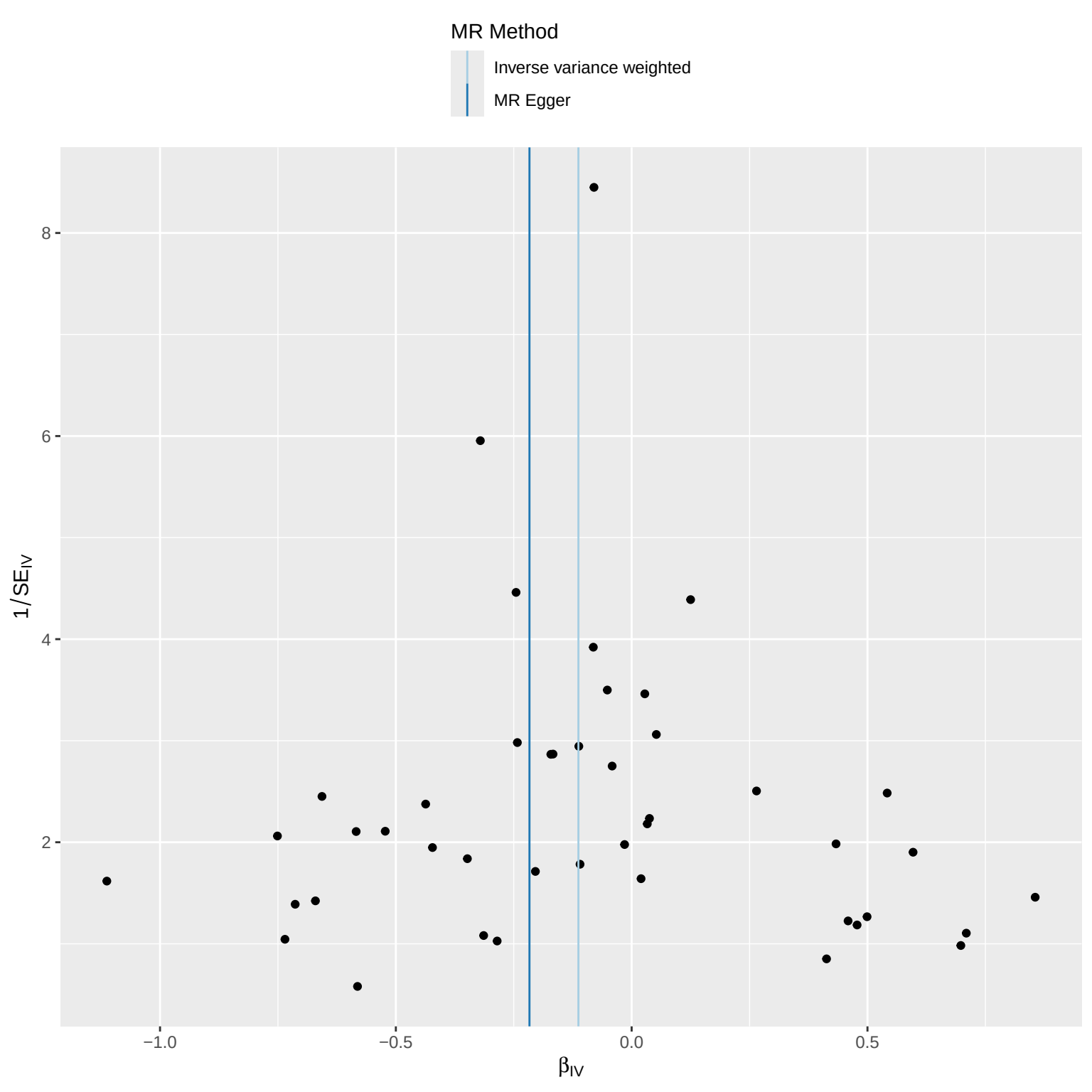

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

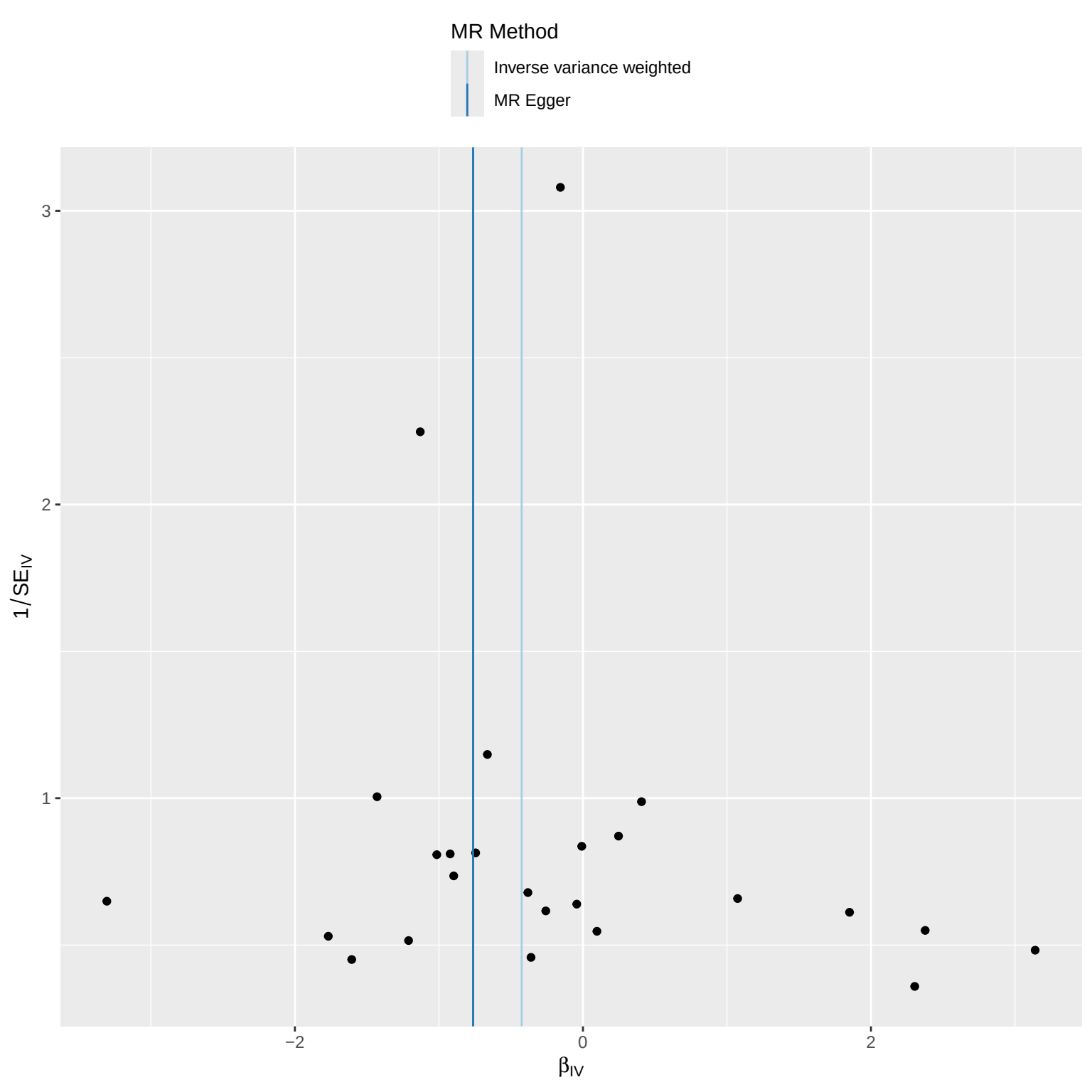

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

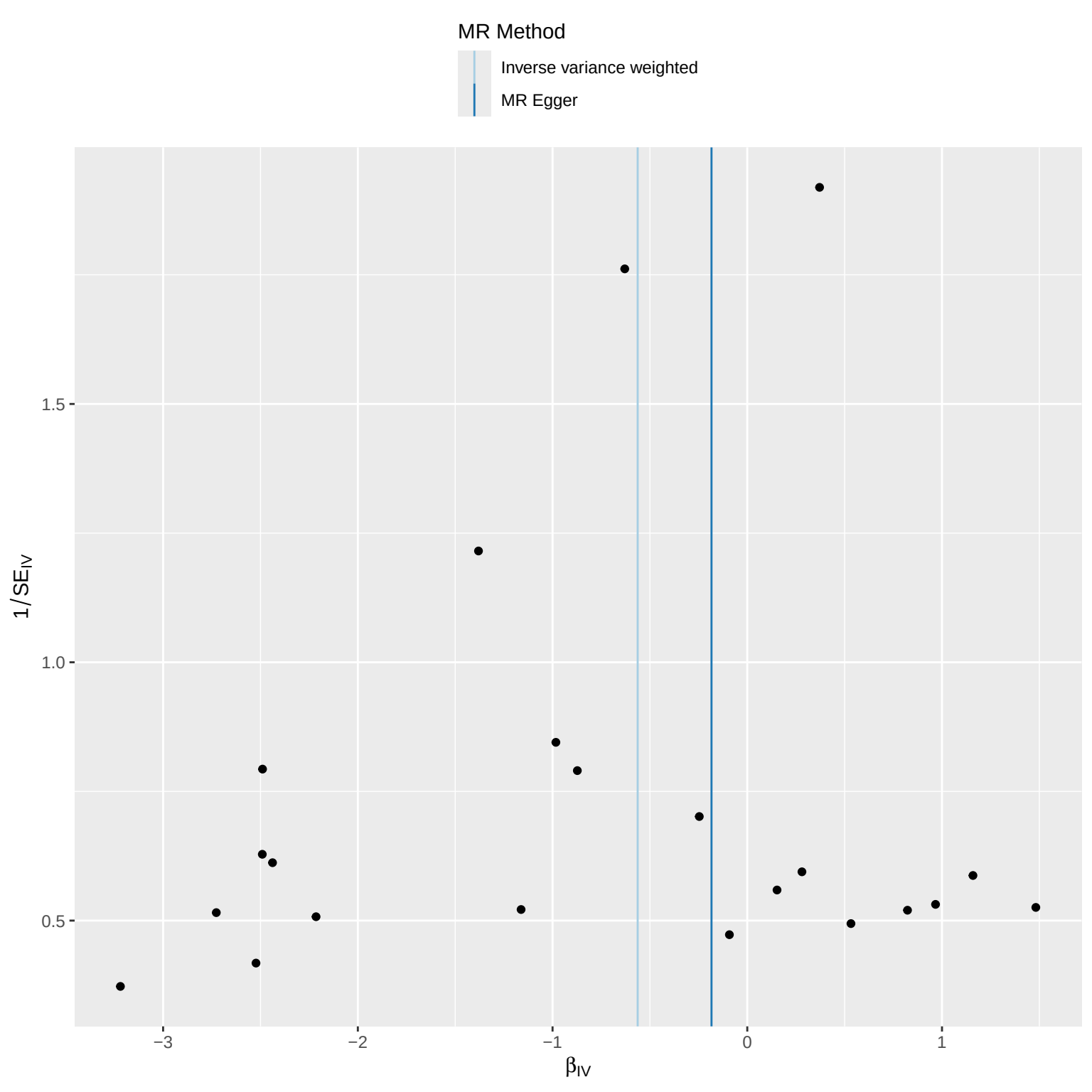

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

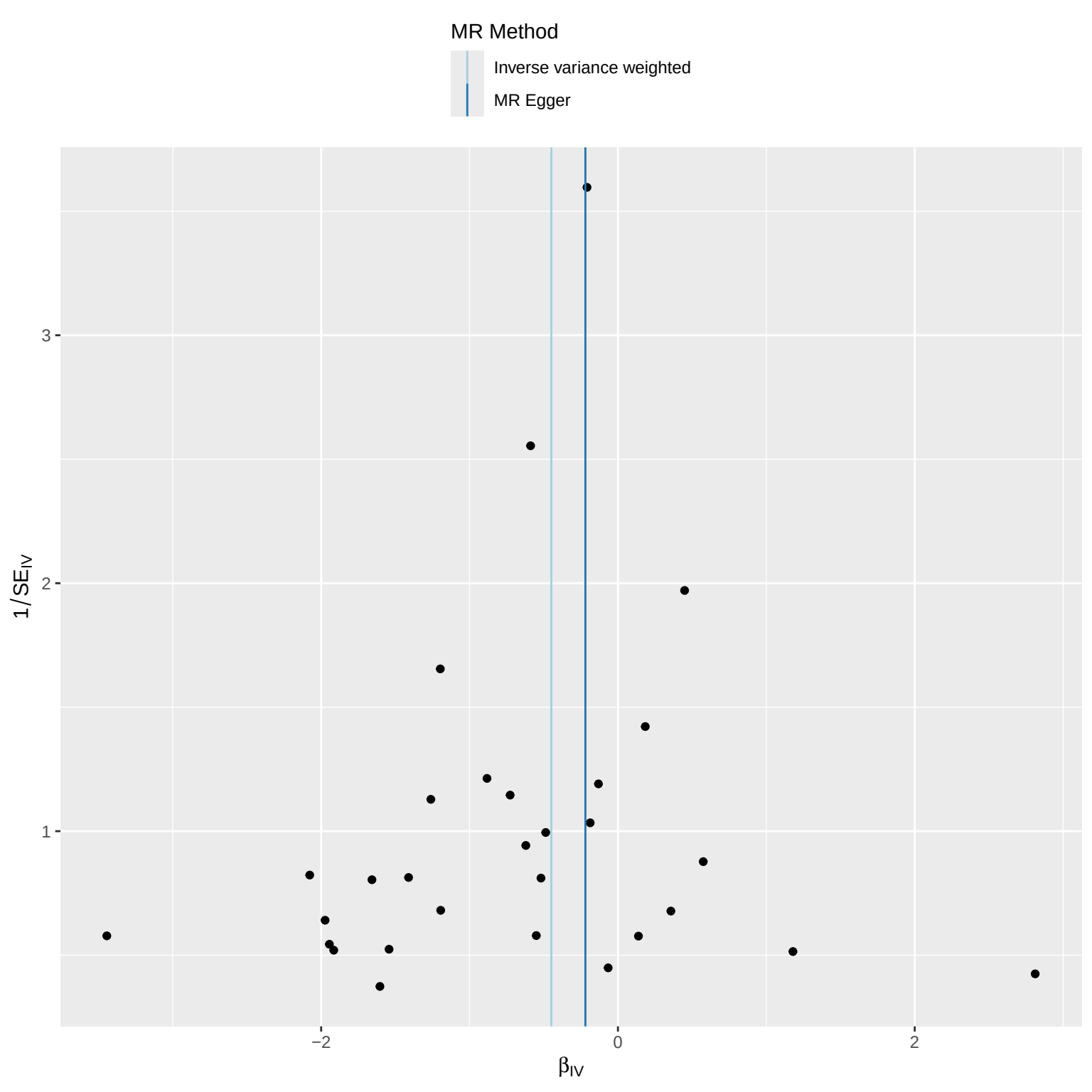

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

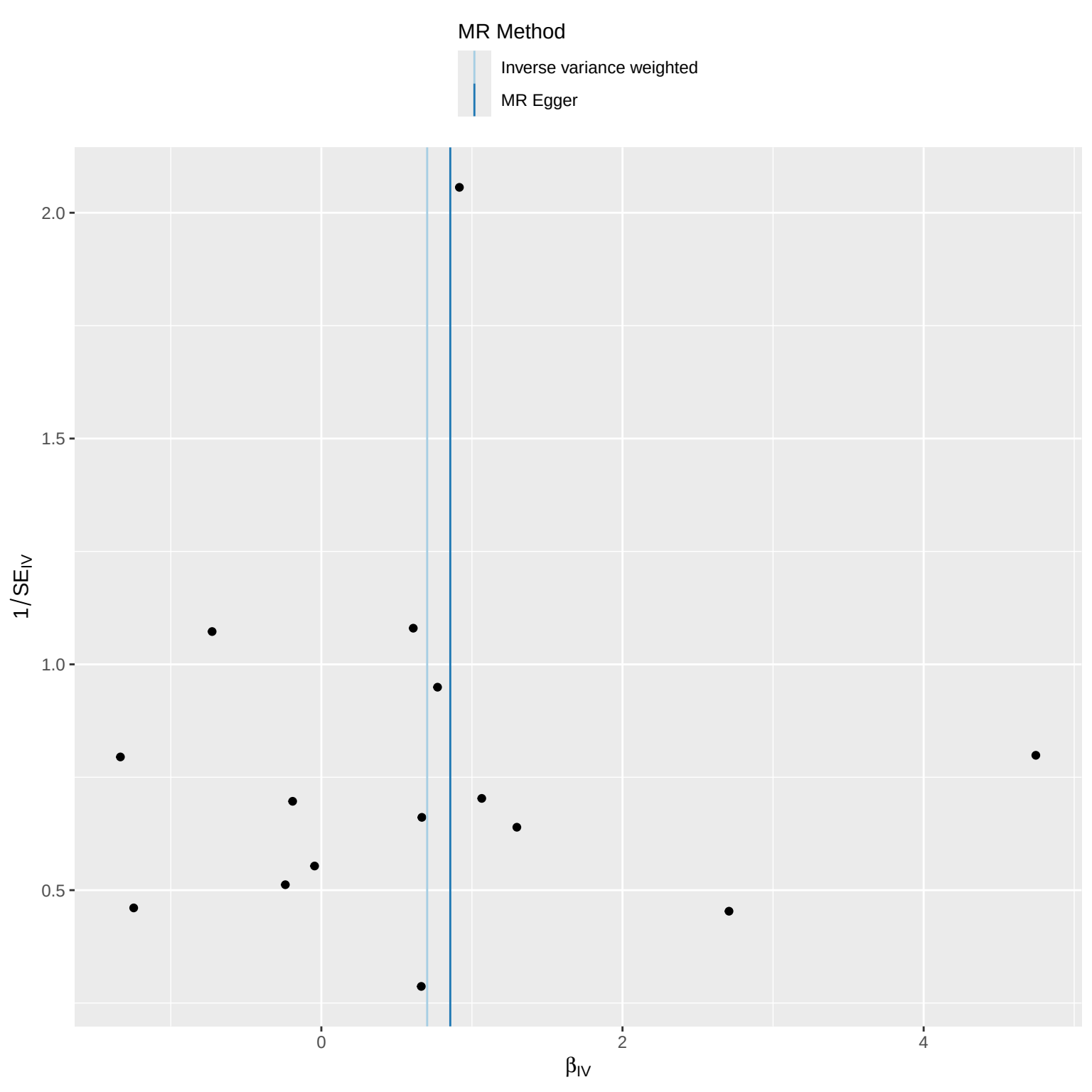

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

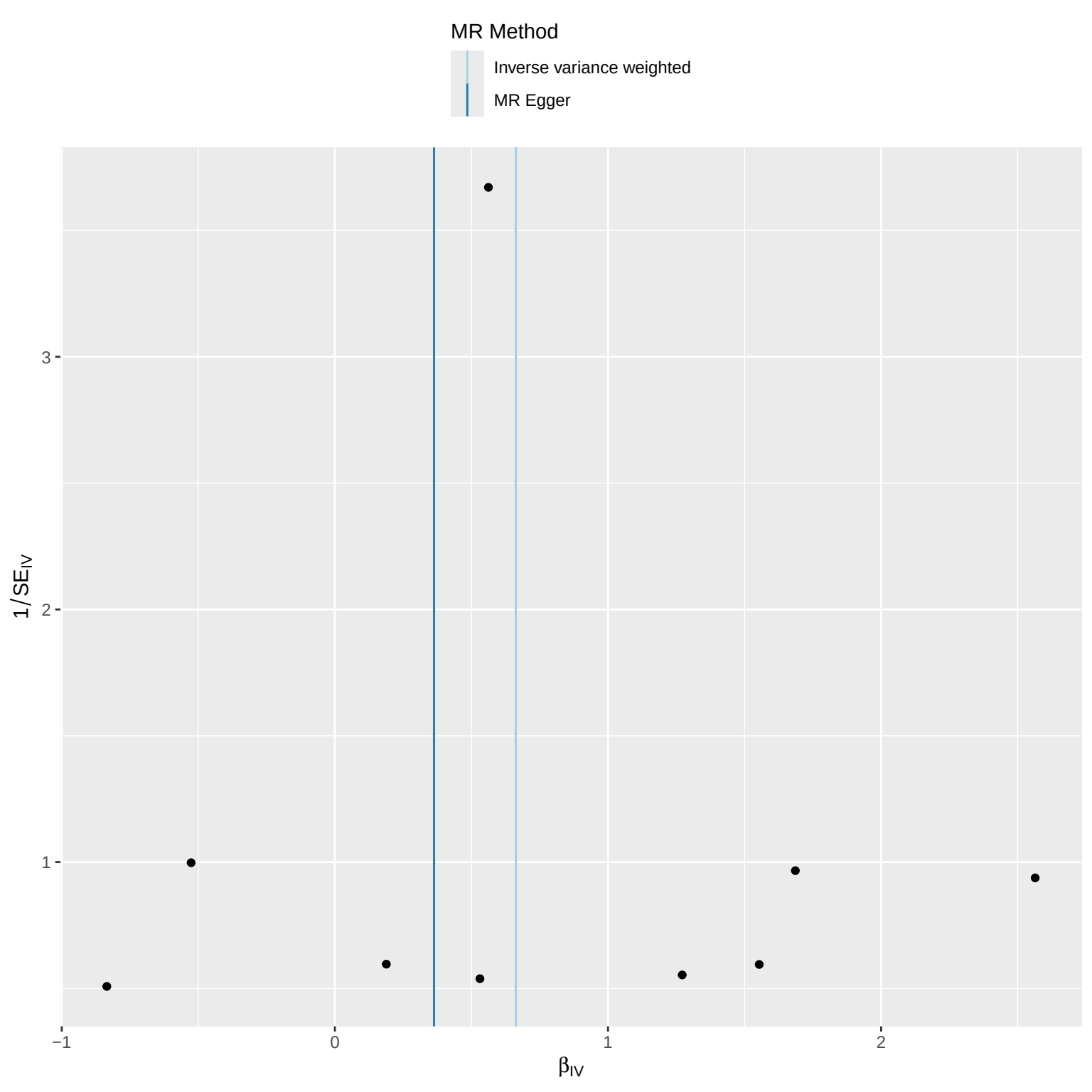

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

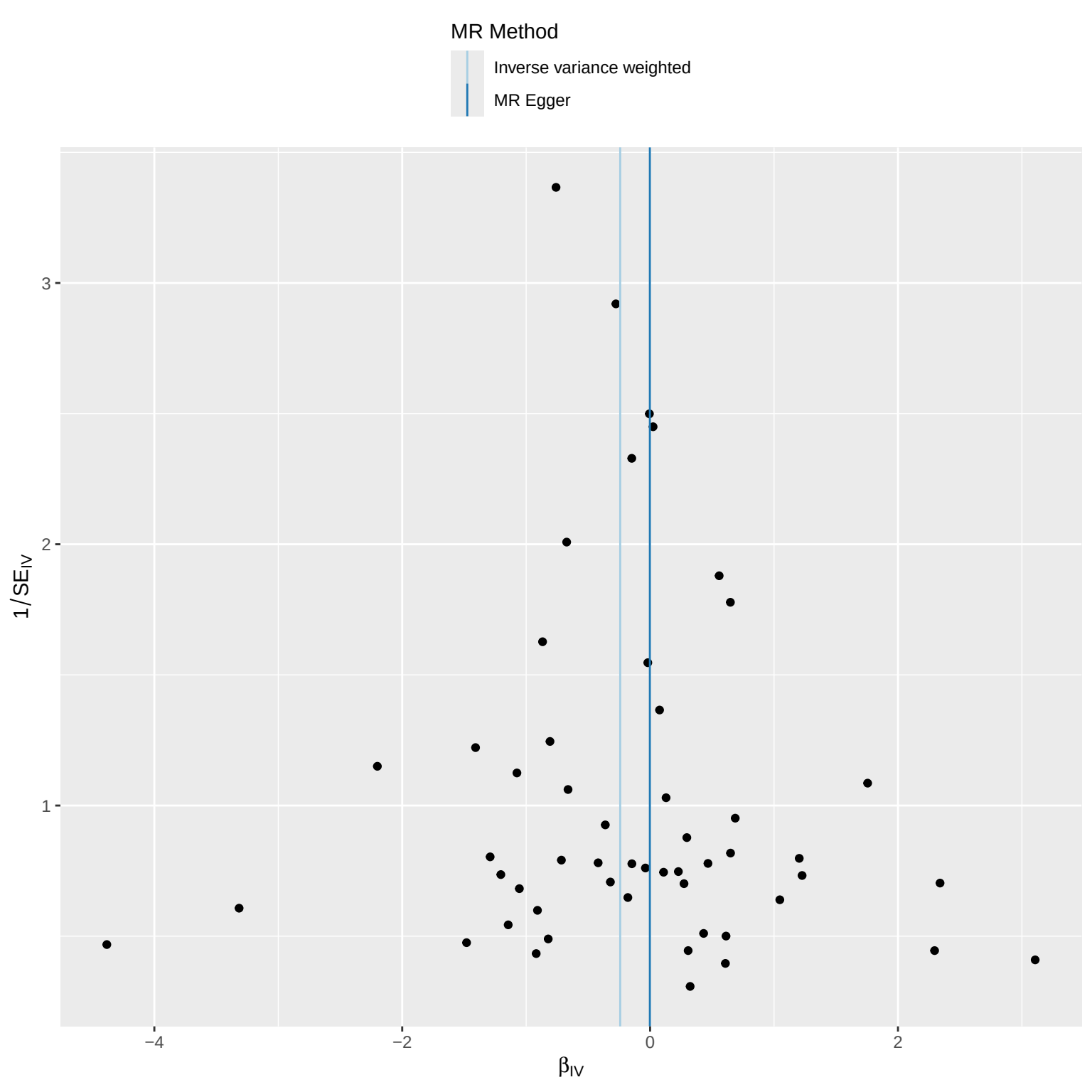

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

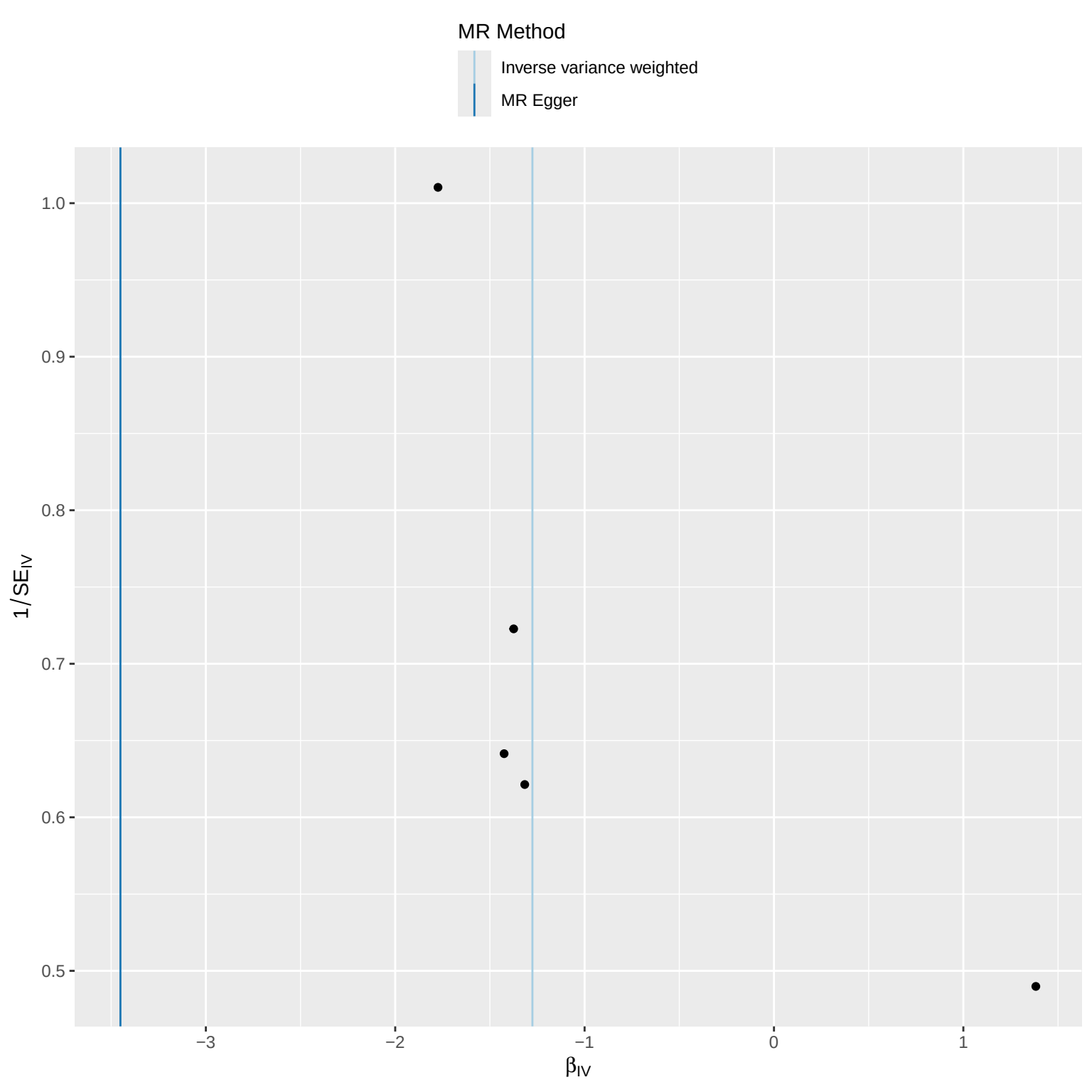

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

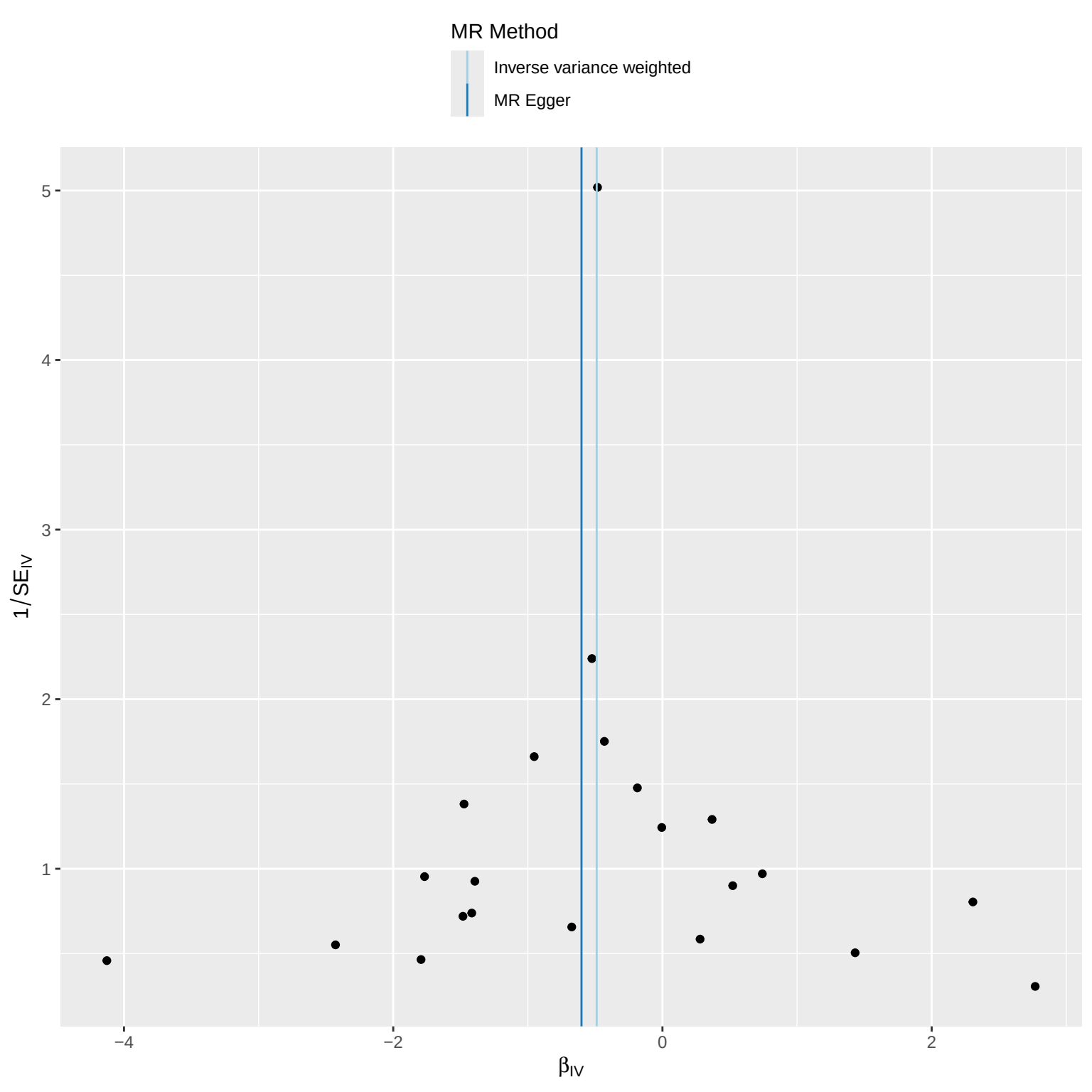

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

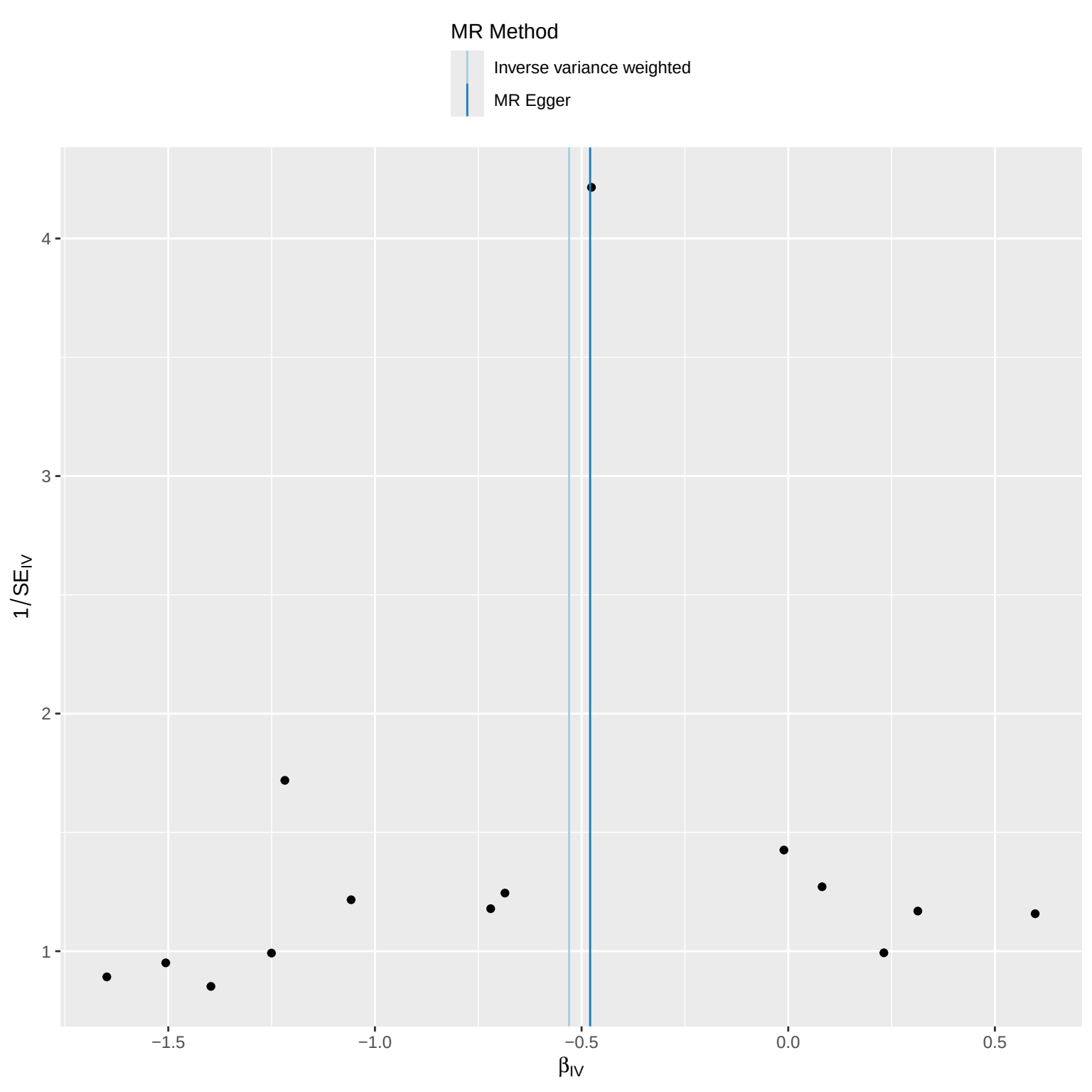

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

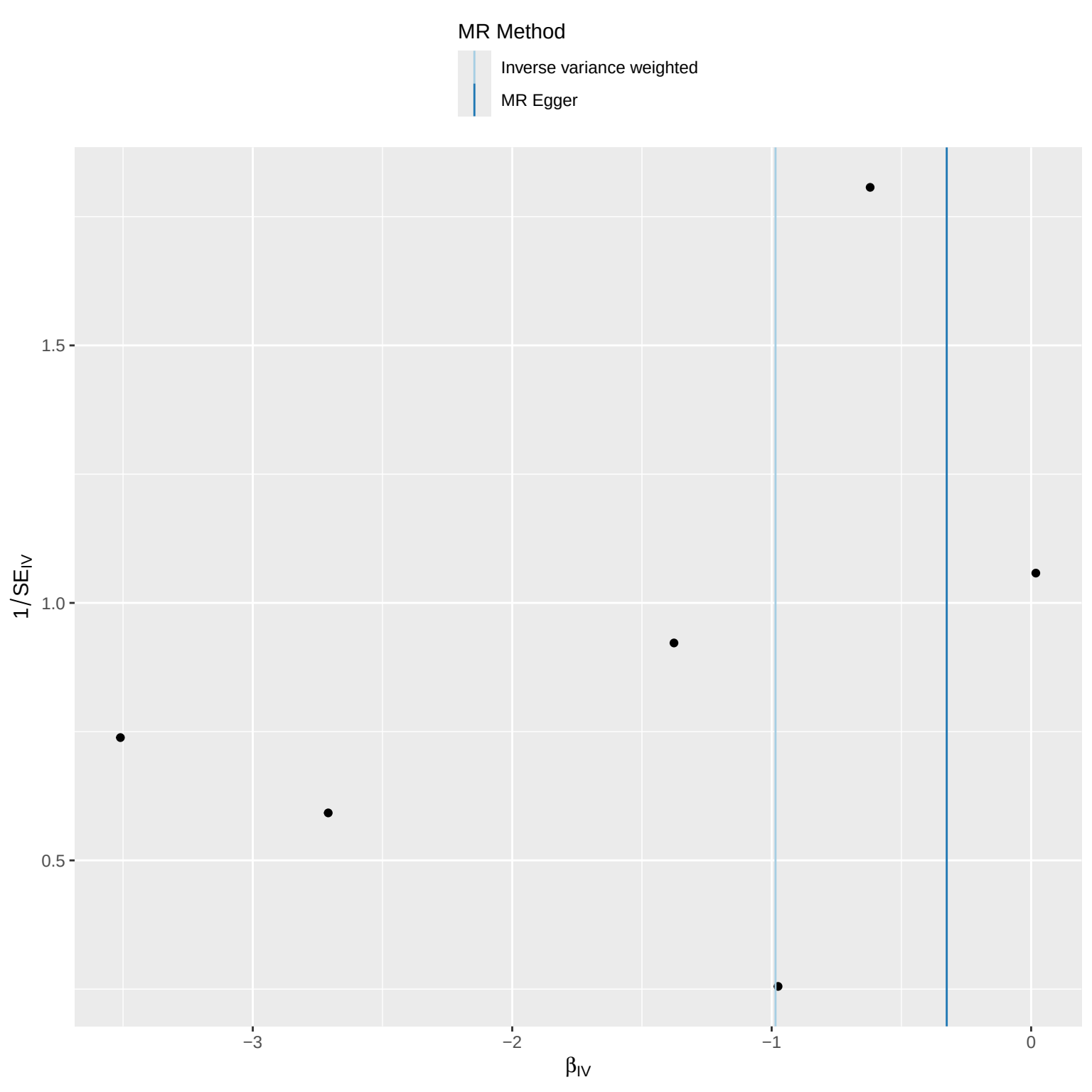

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

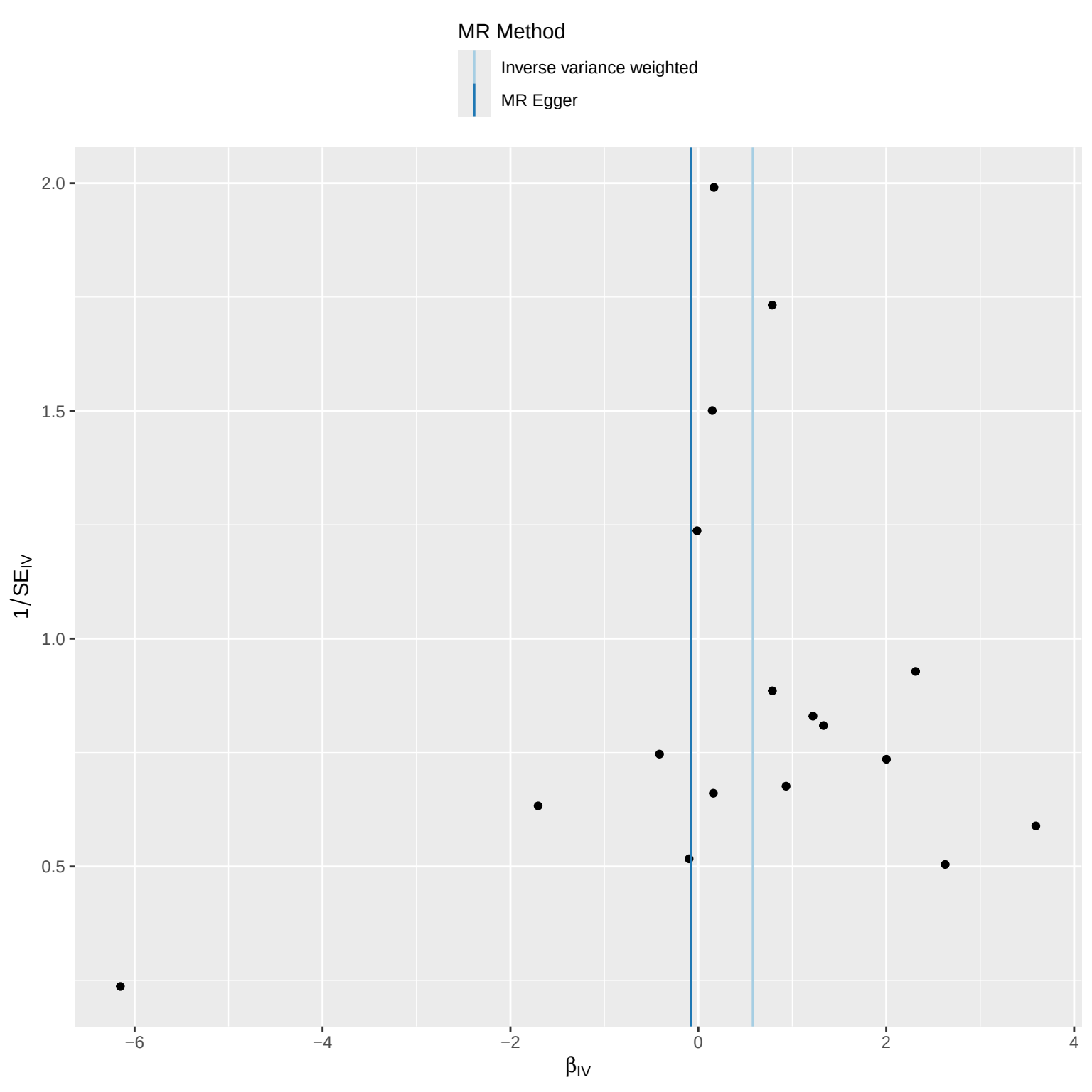

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

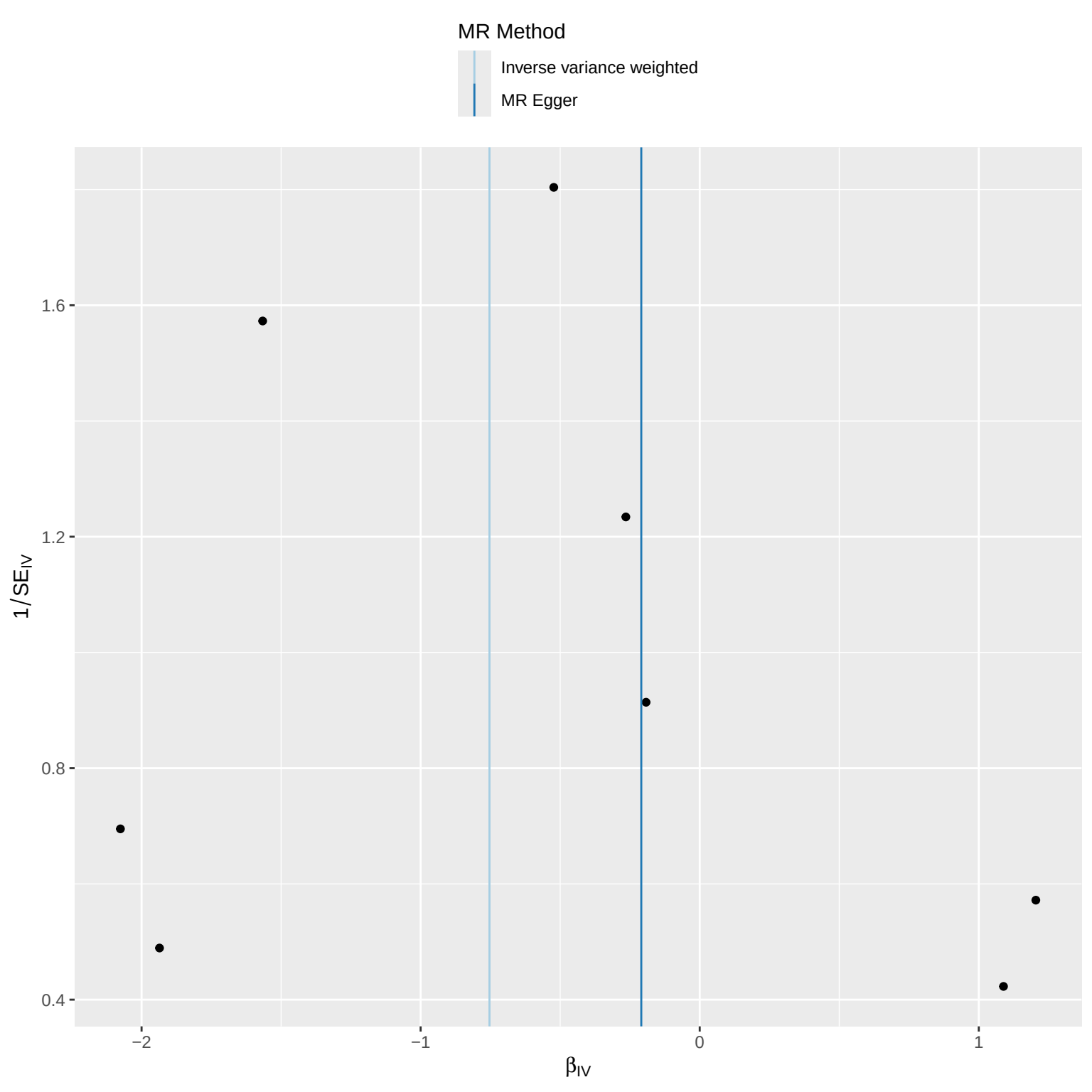

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

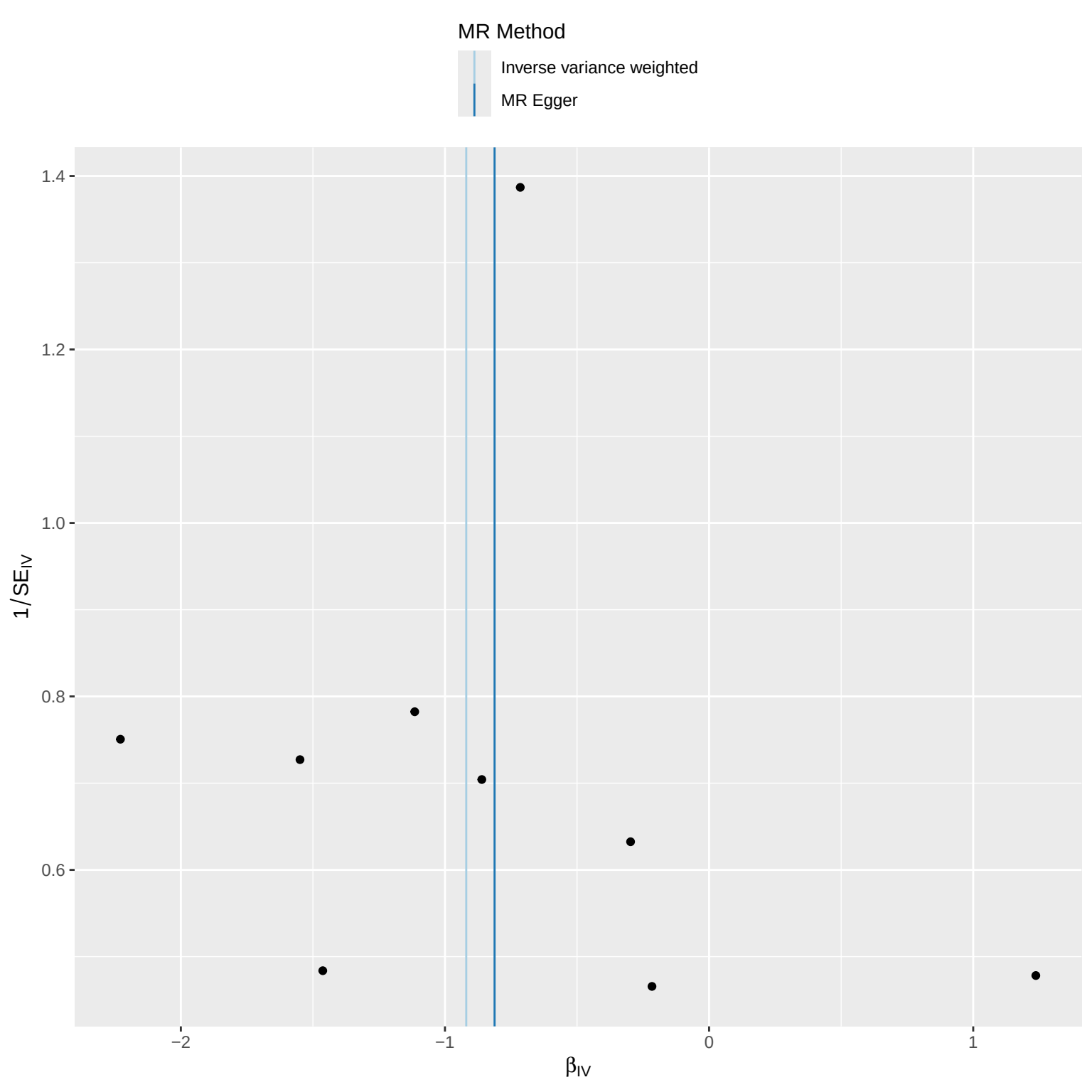

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

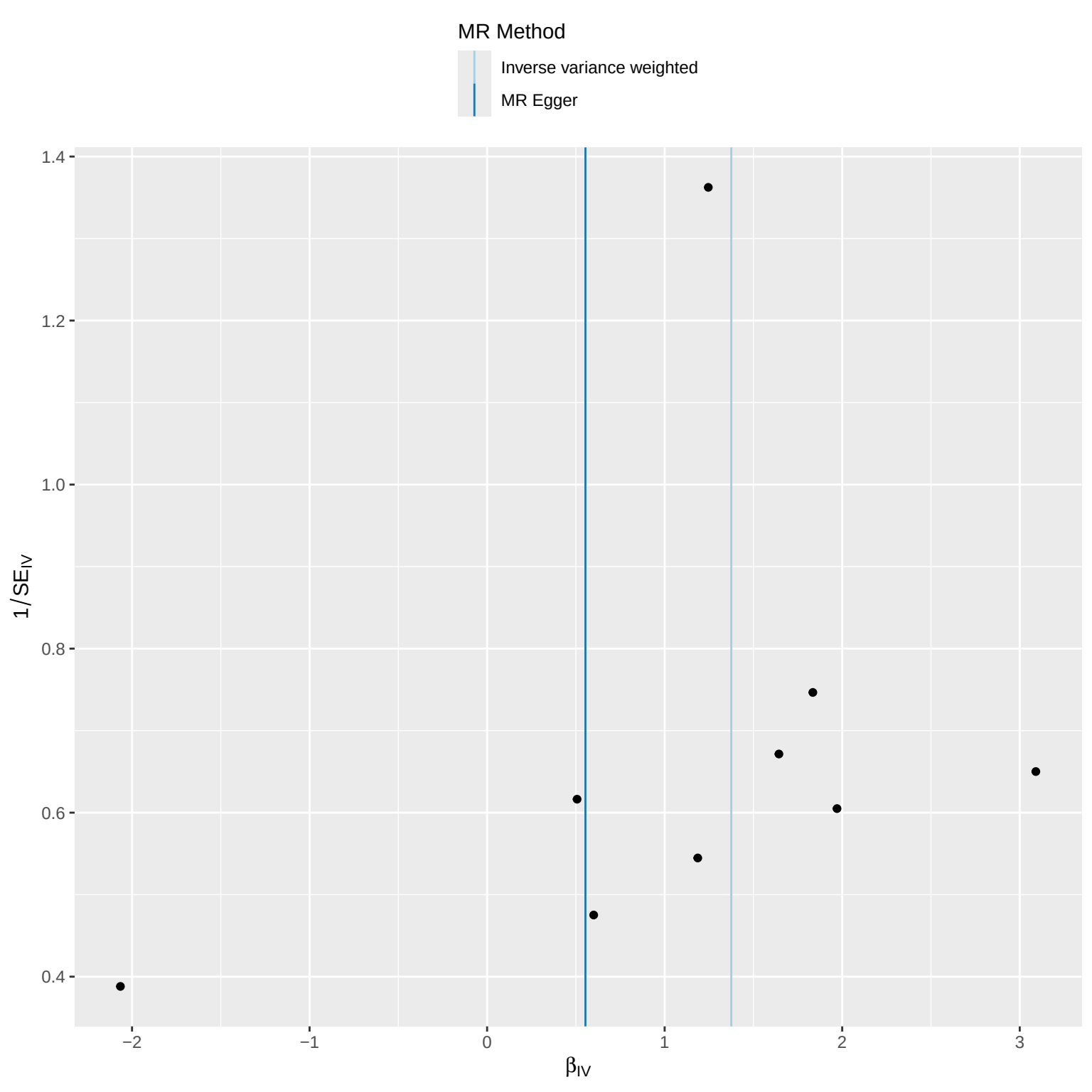

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

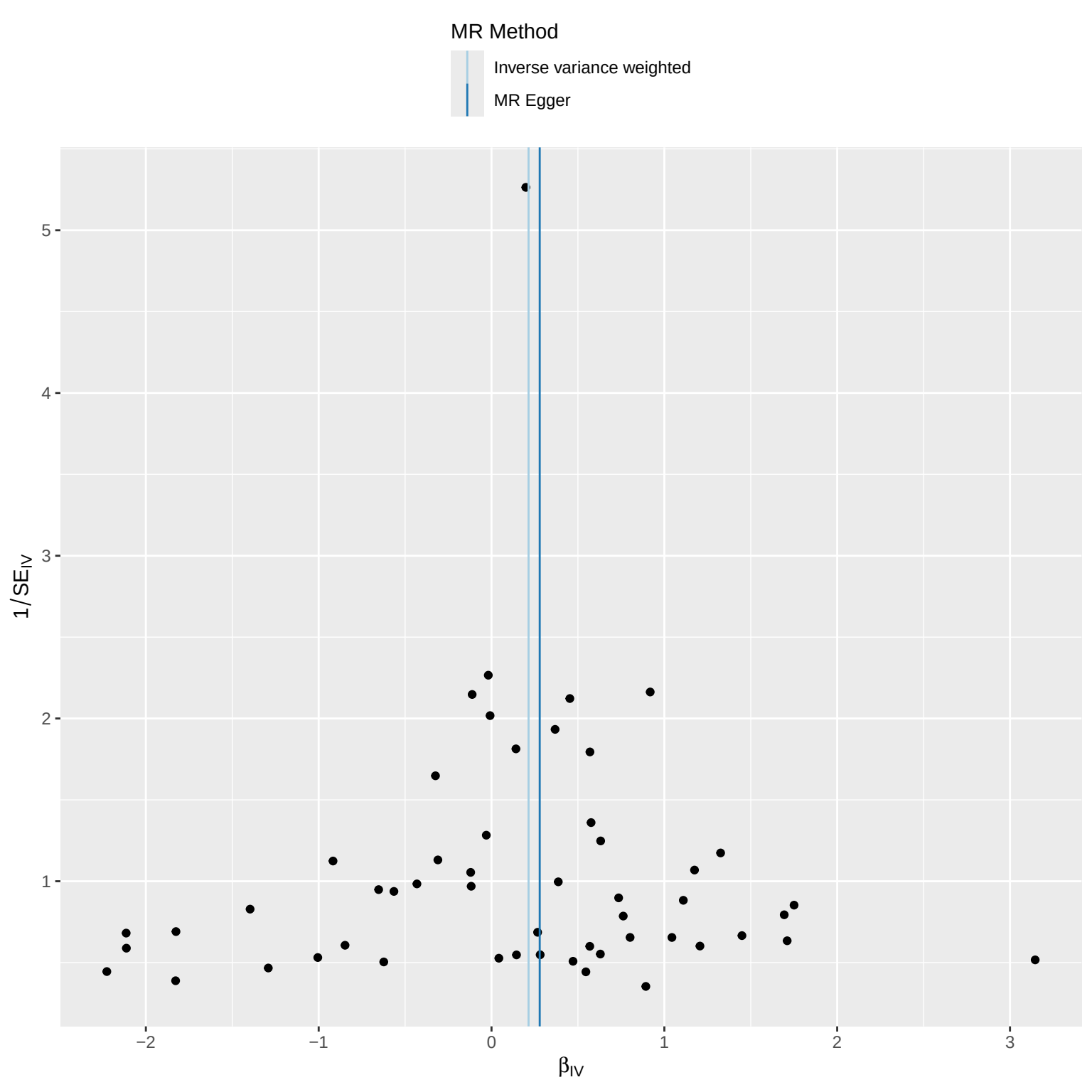

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

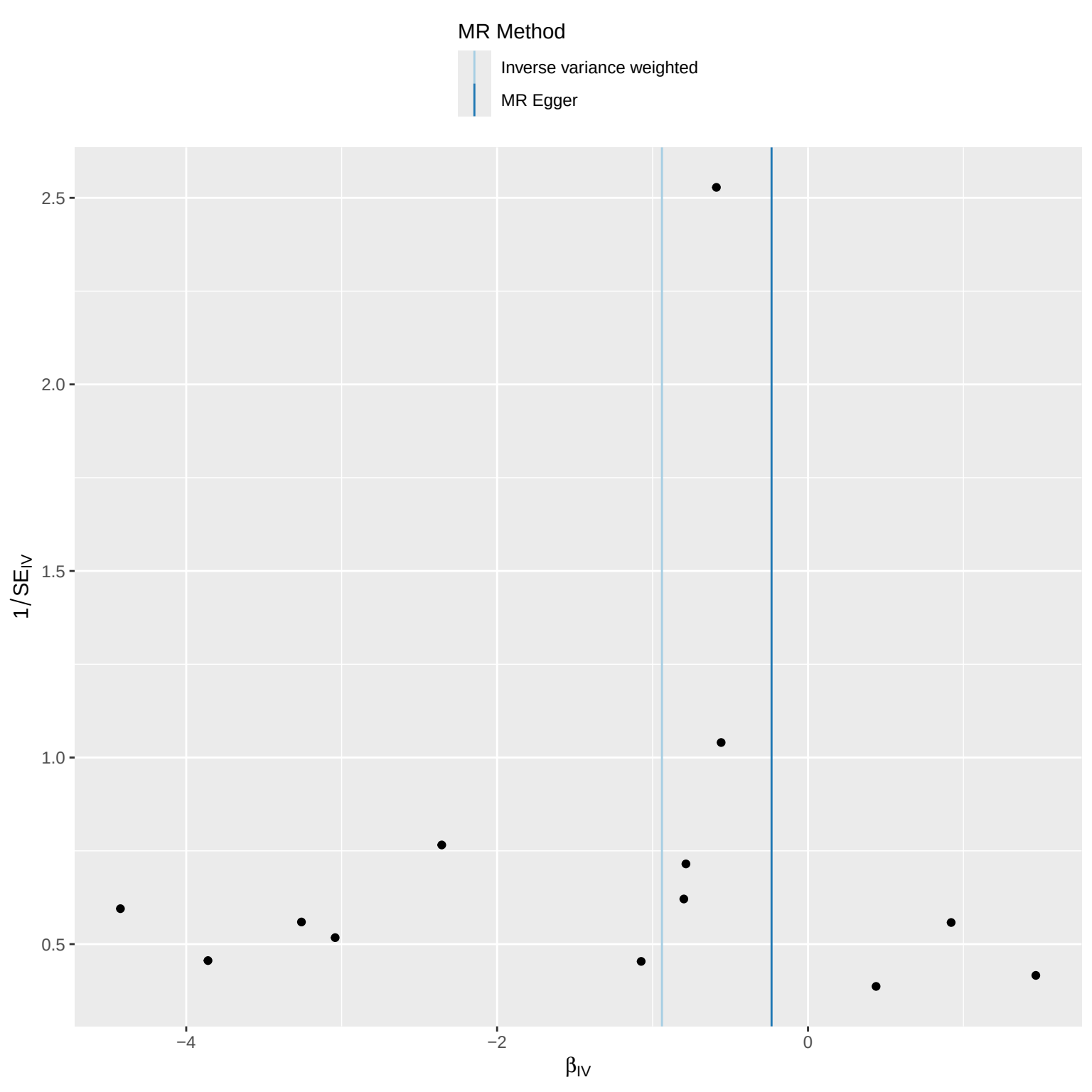

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
4
β_IV

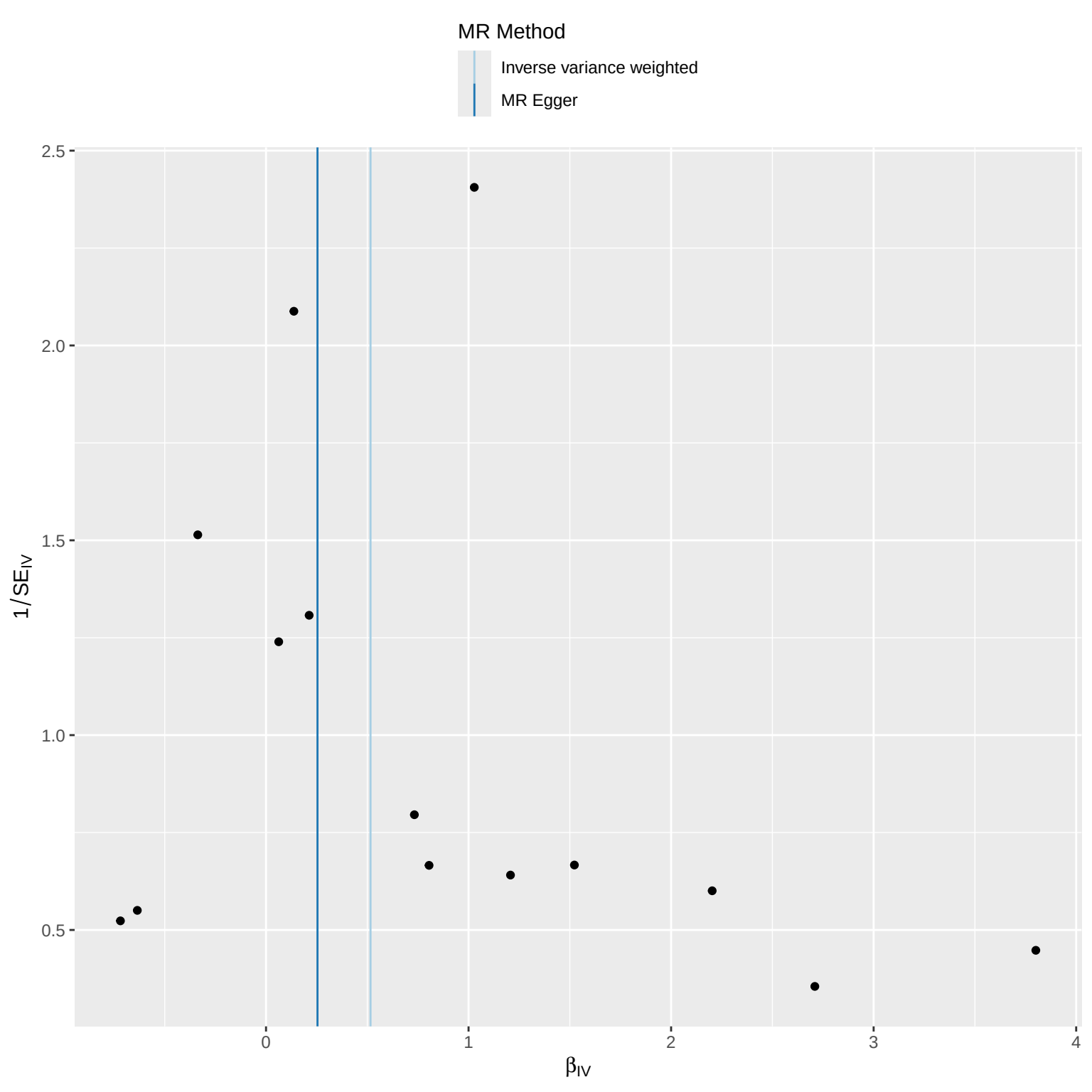

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

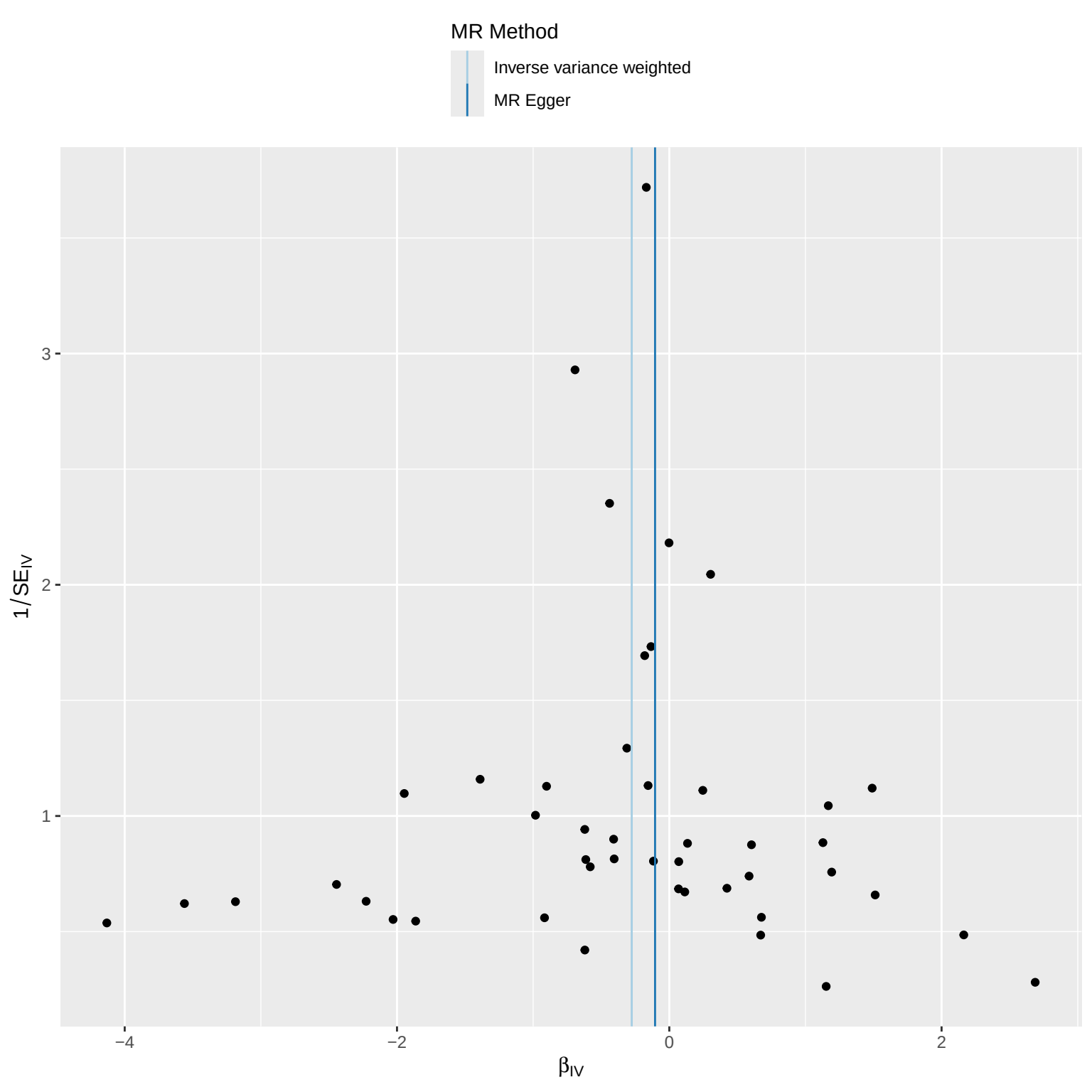

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−2
−1
0
1
β_IV

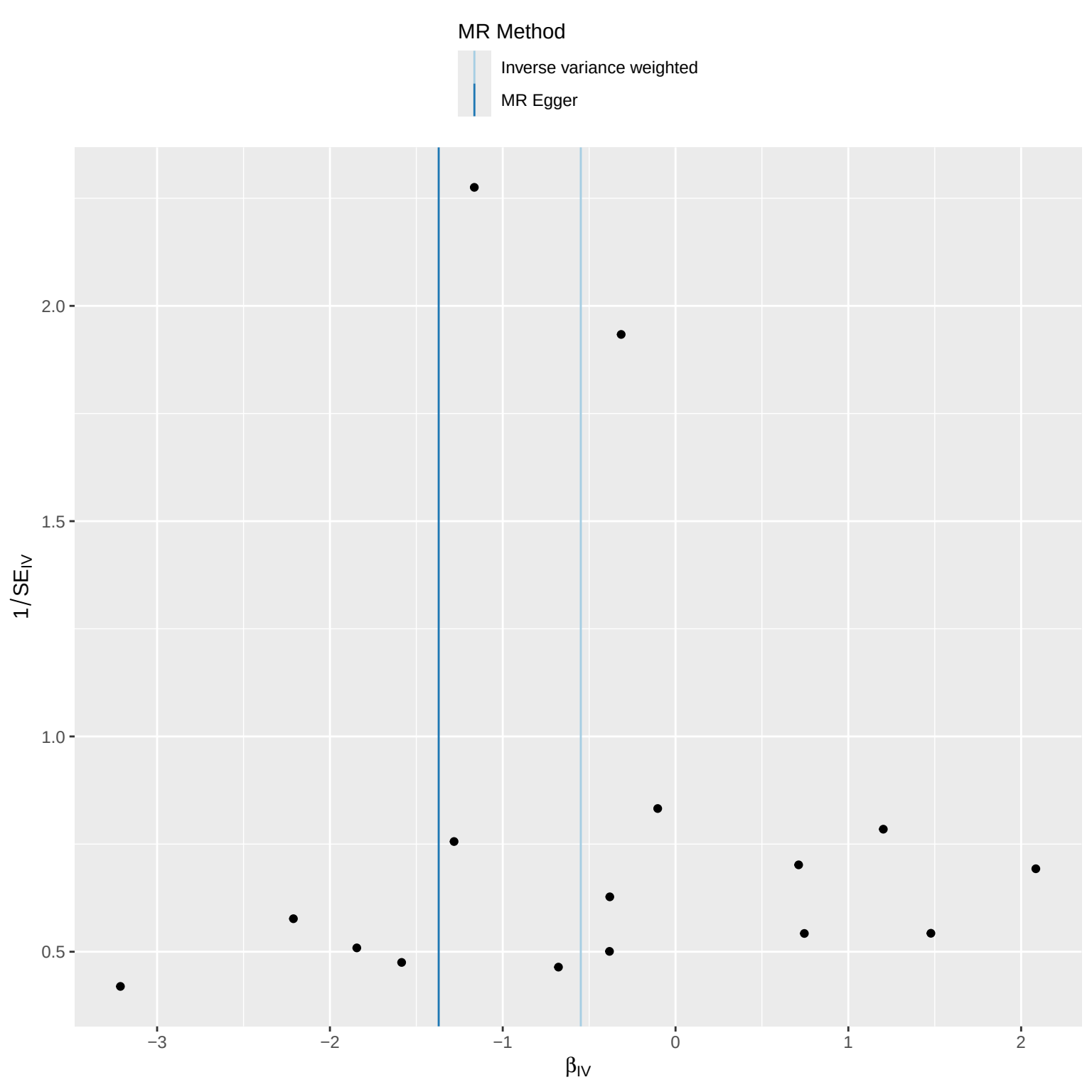

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
−1
0
1
2
3
β_IV

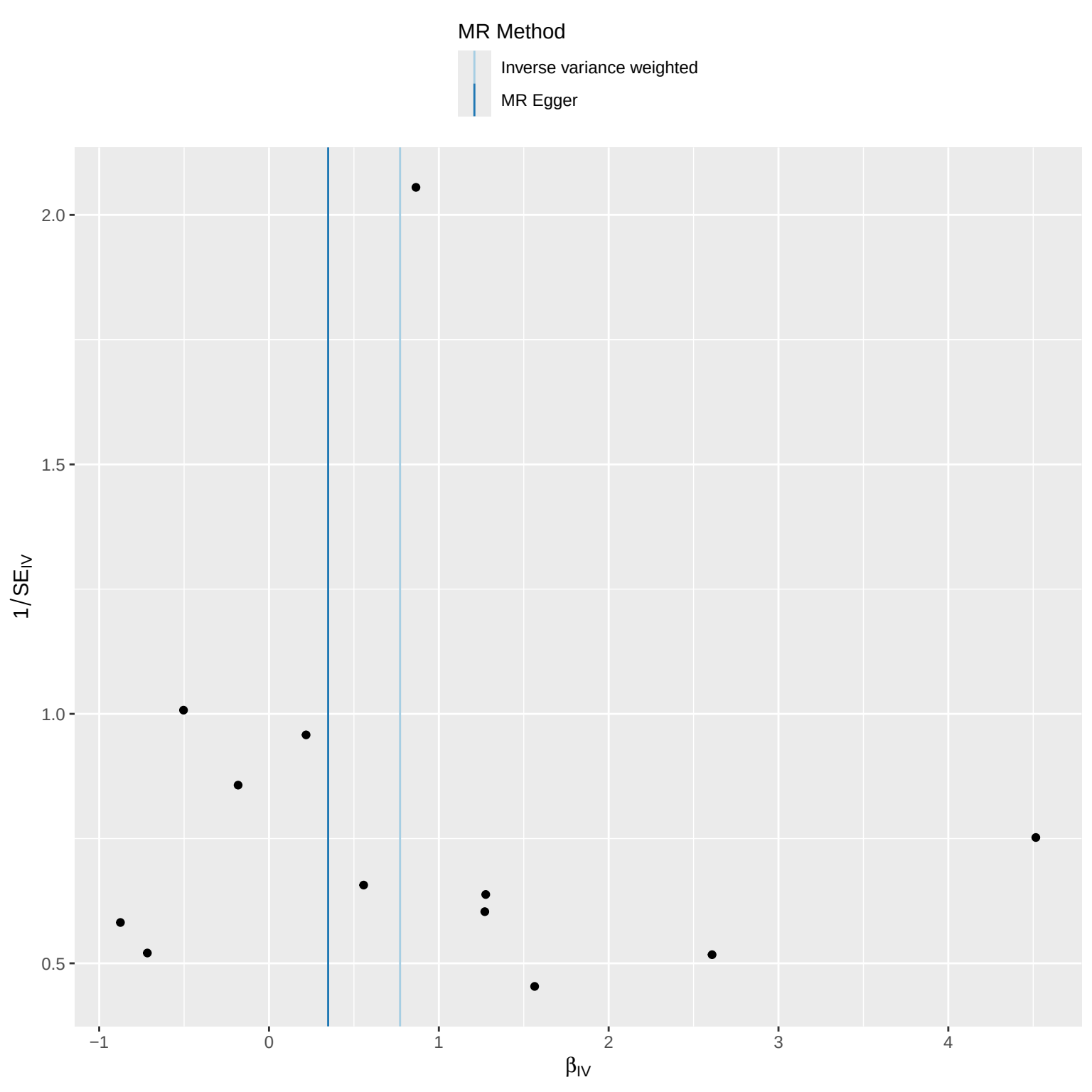

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

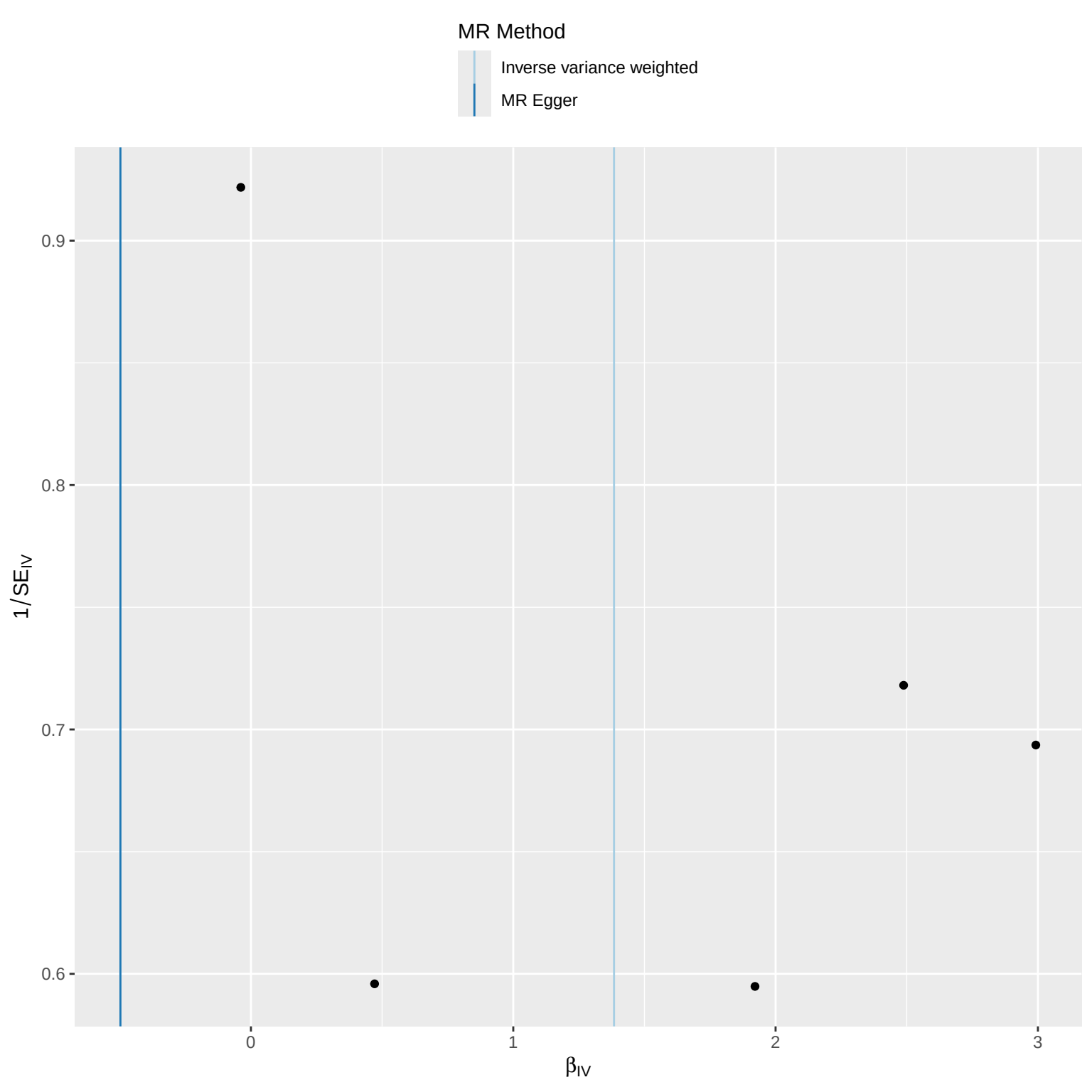

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

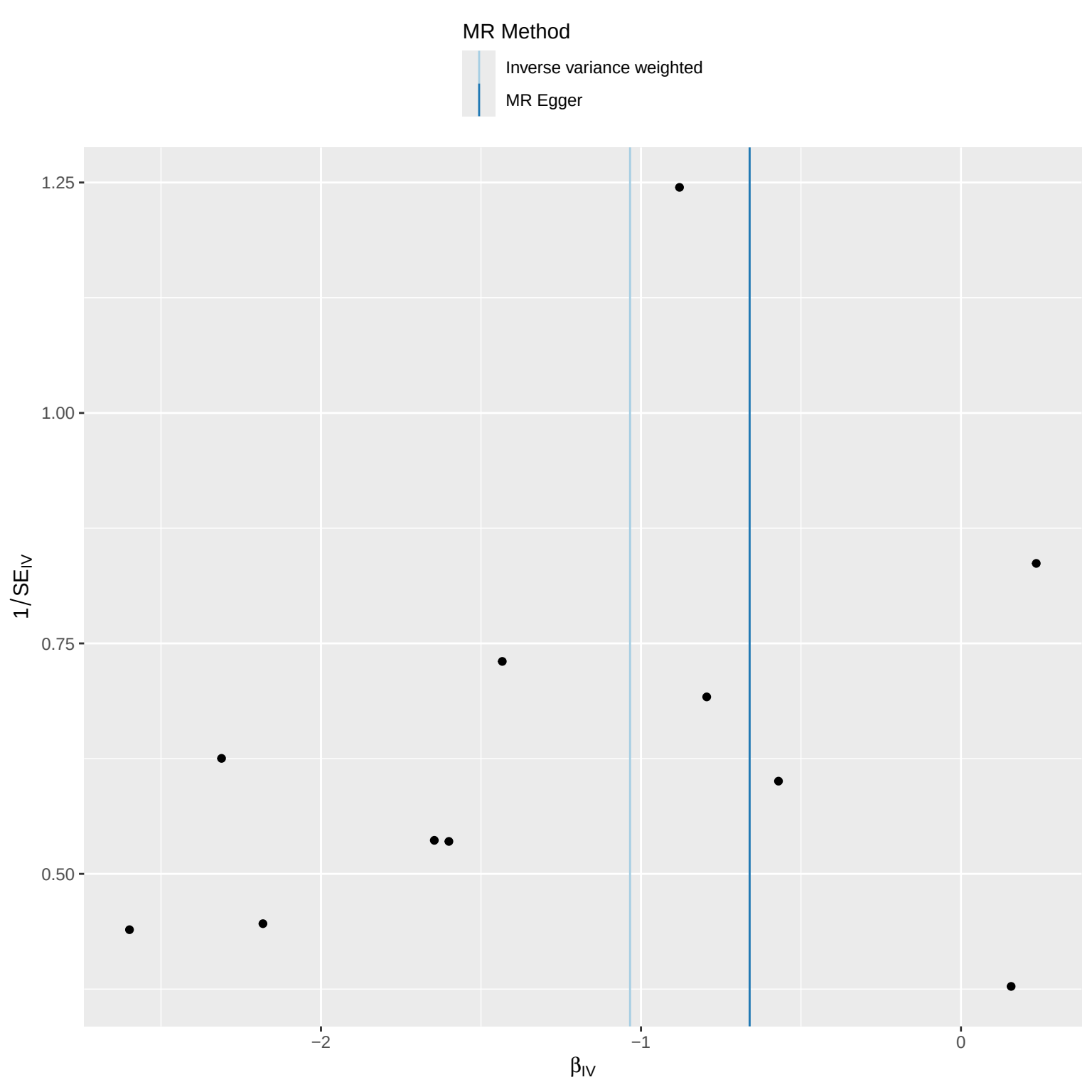

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
β_IV

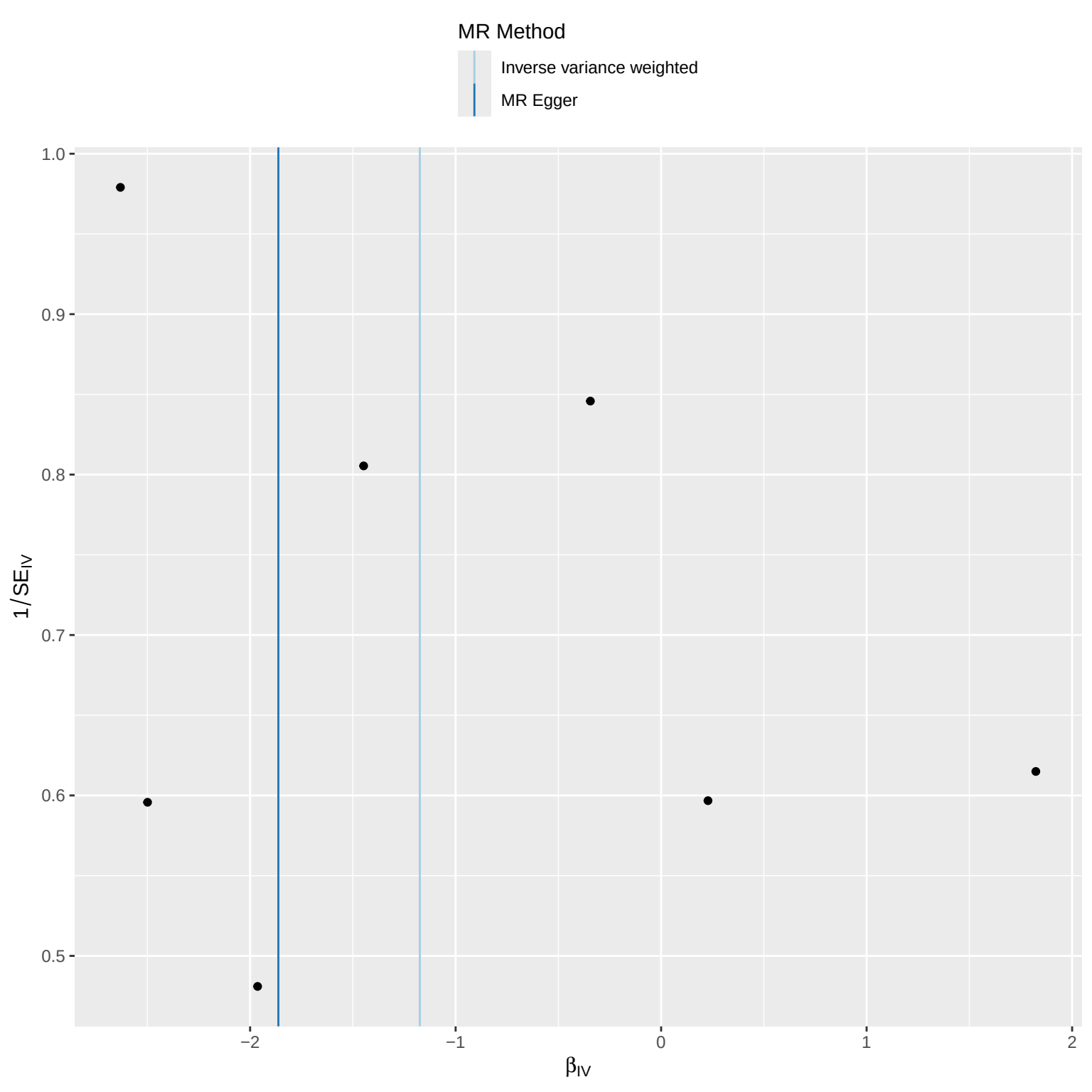

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

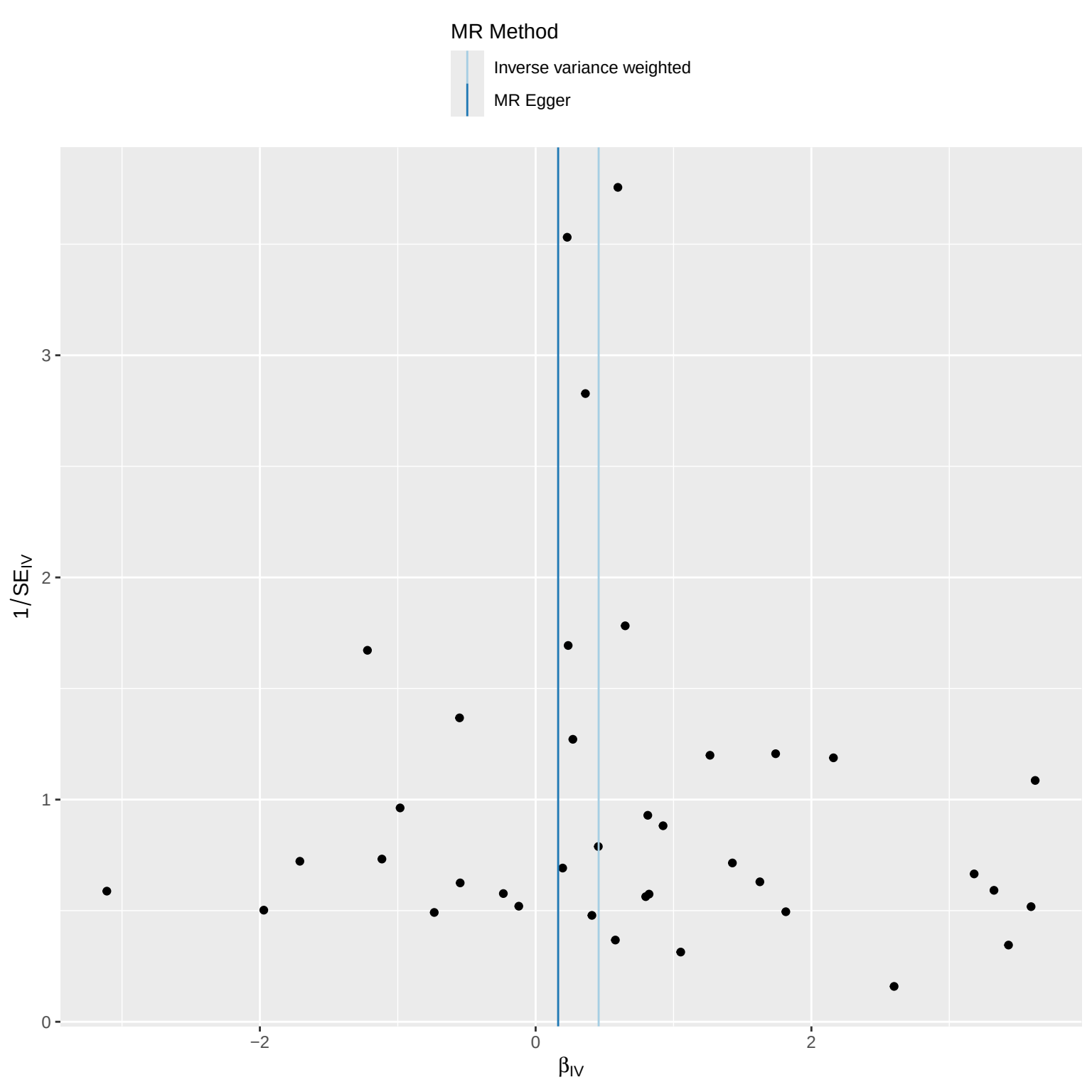

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

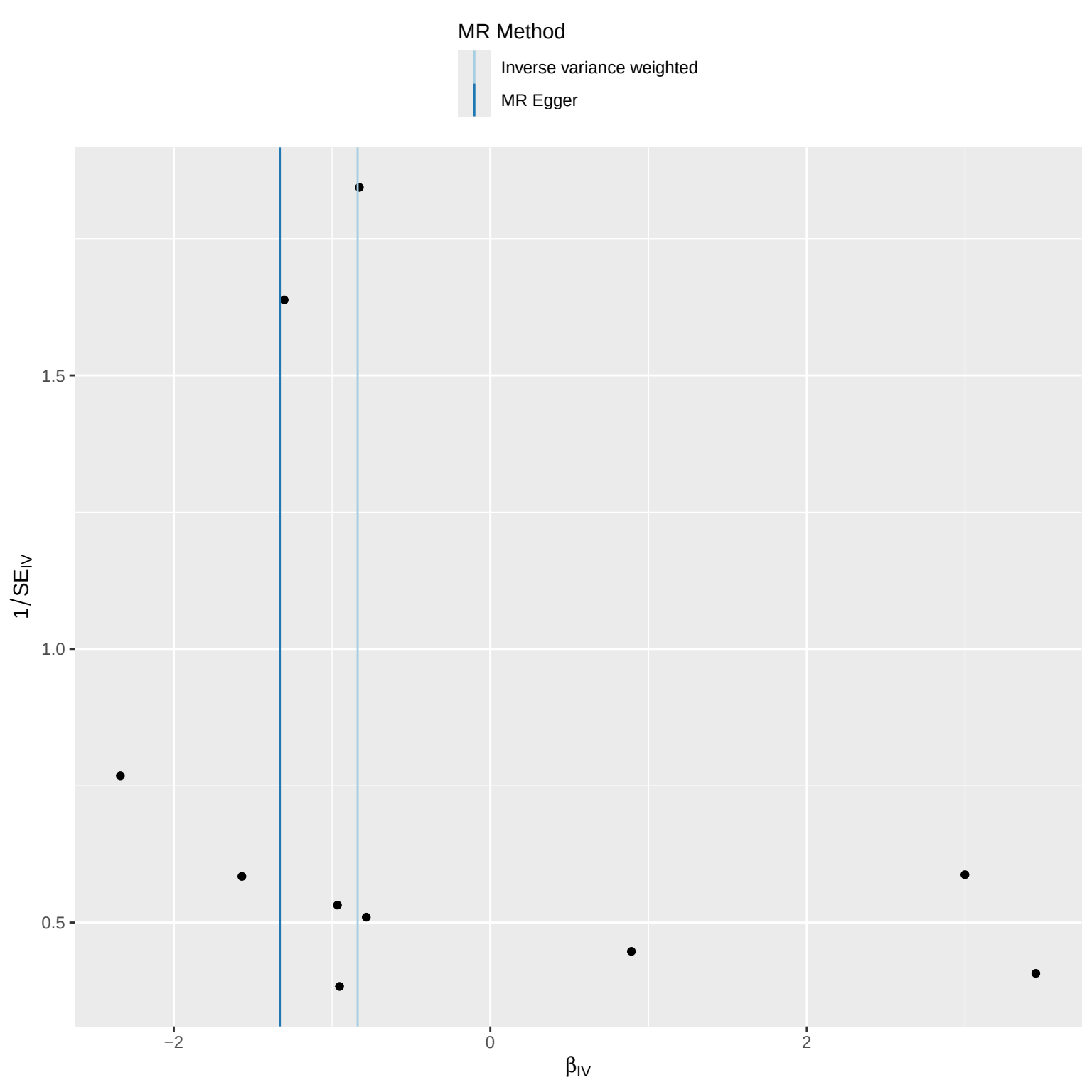

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

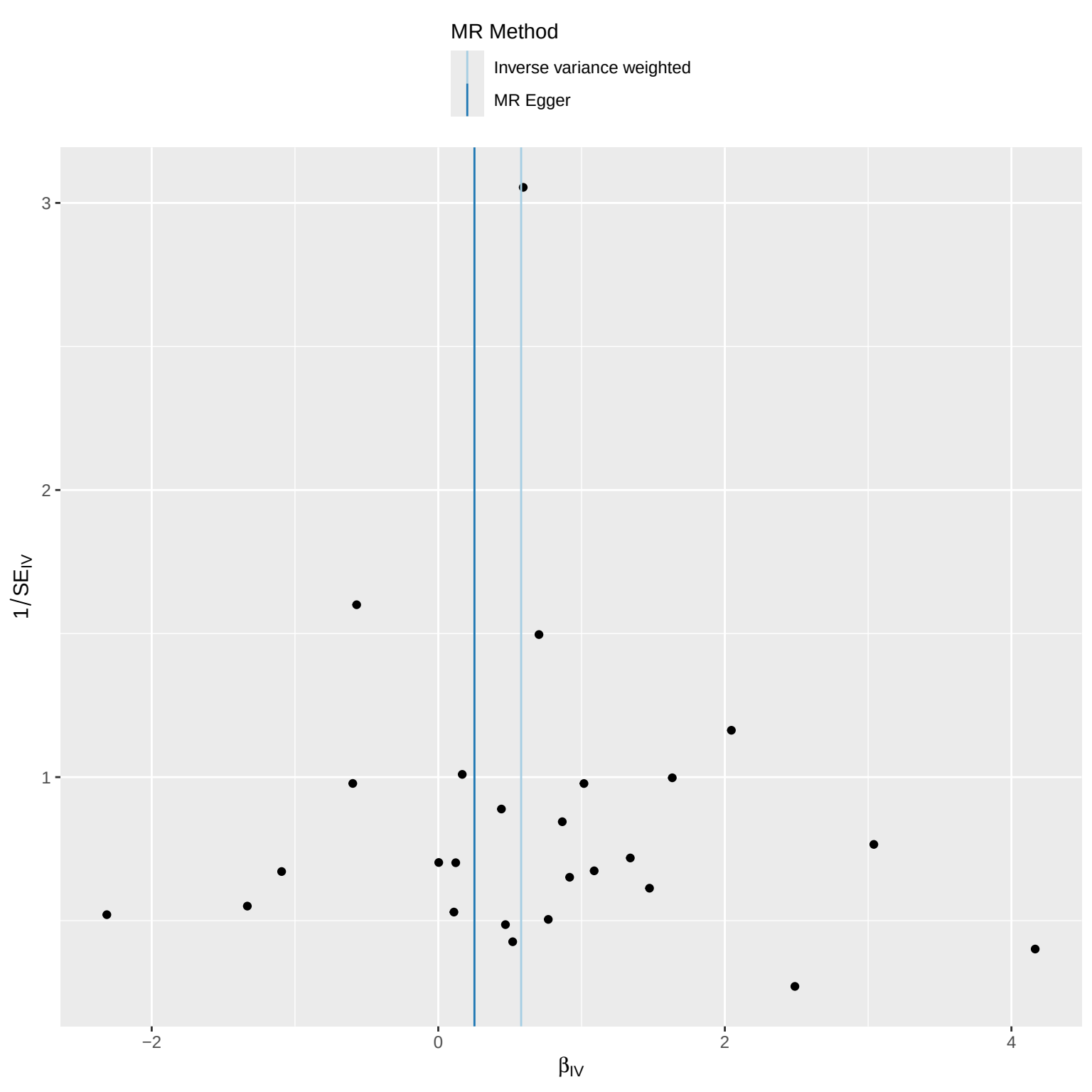

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
1/SE_IV
0
1
2
3
β_IV

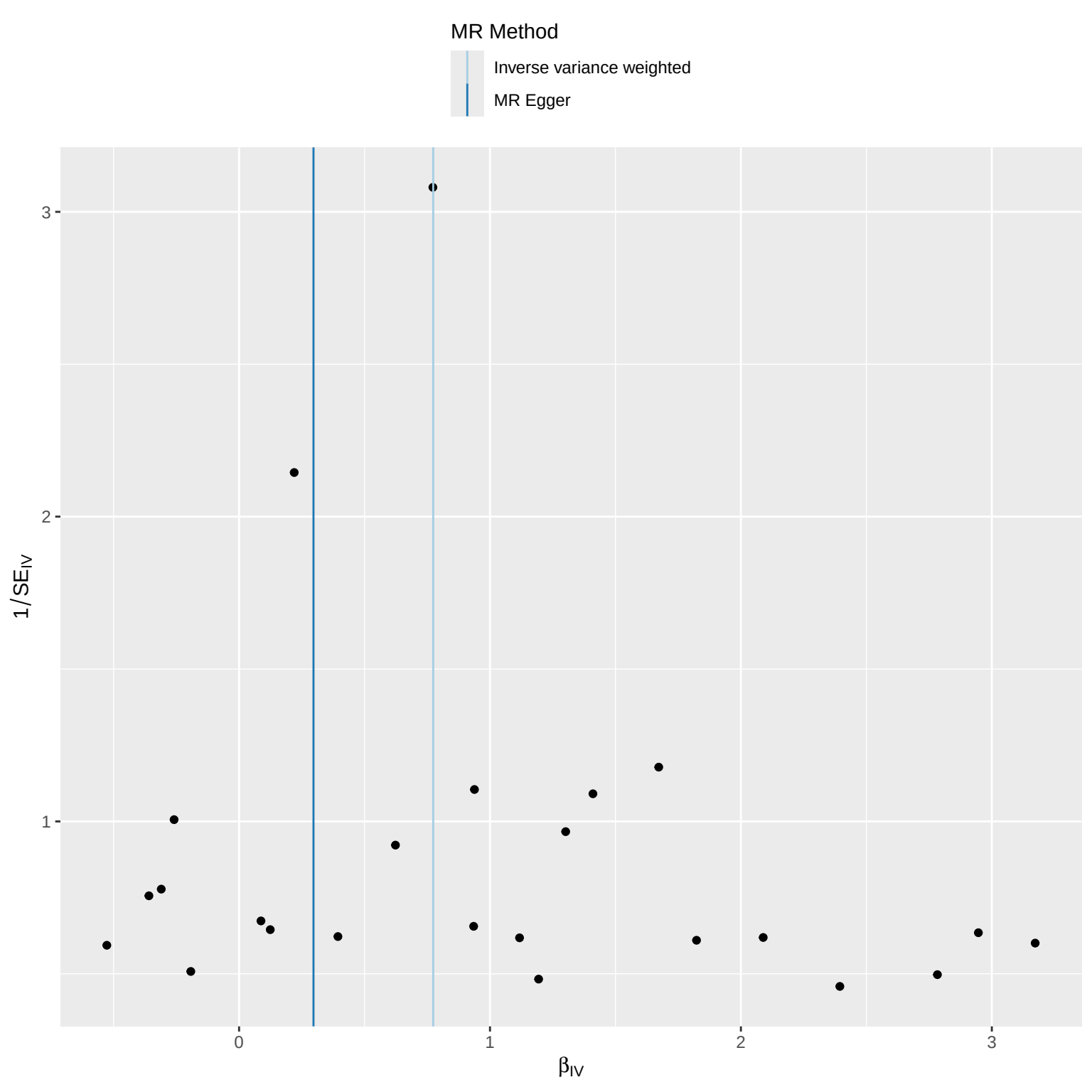

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
β_IV

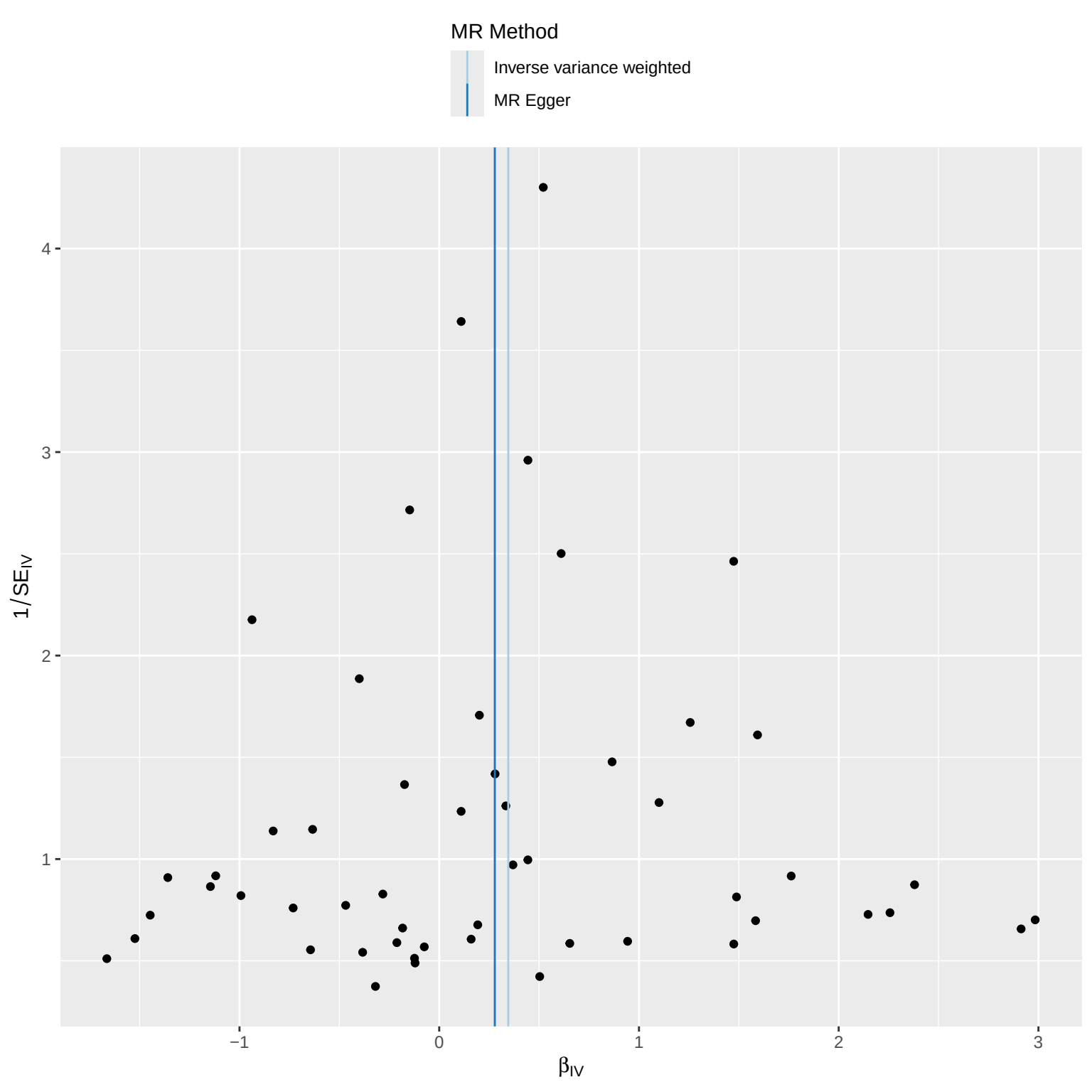

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

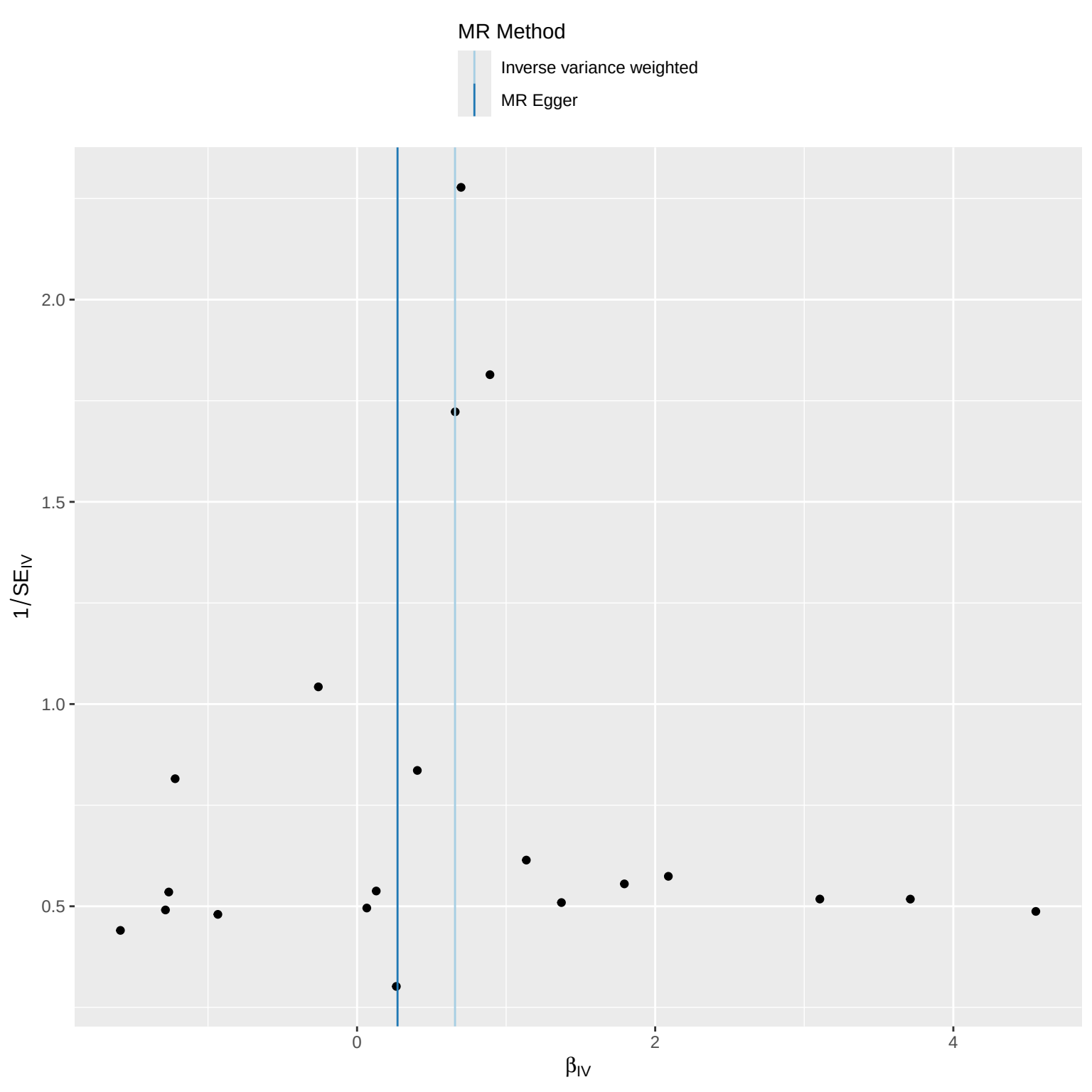

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−2
0
2
β_IV

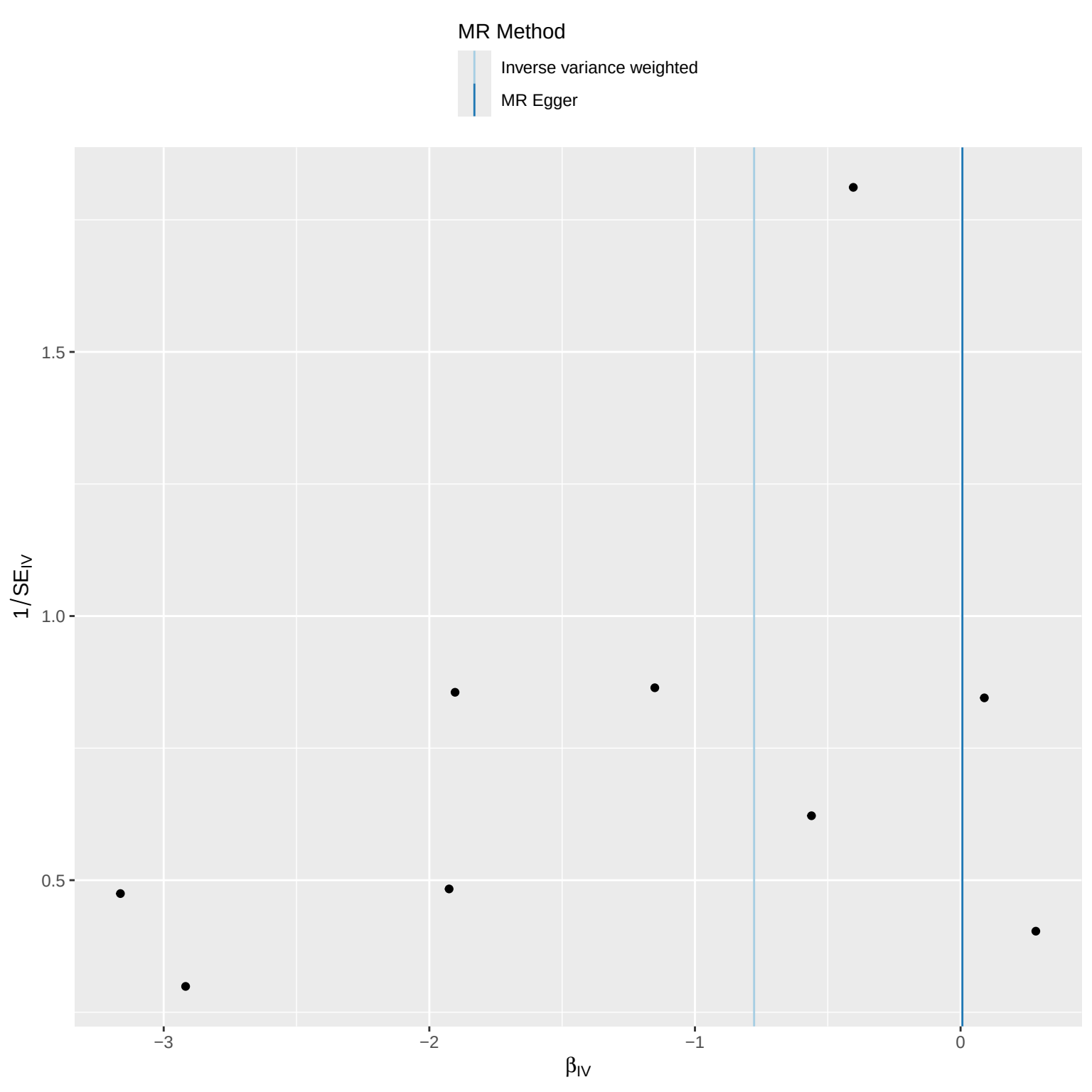

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

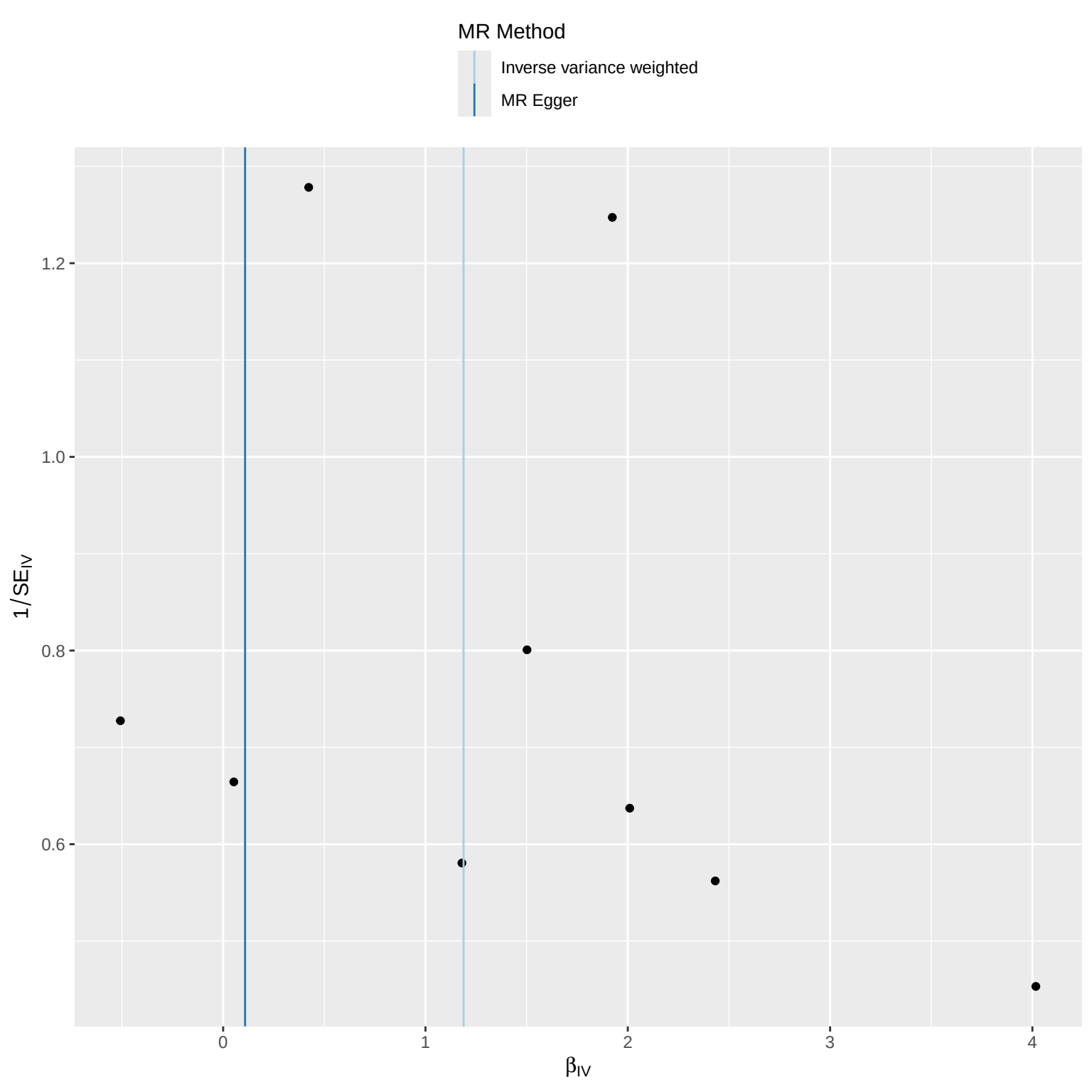

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

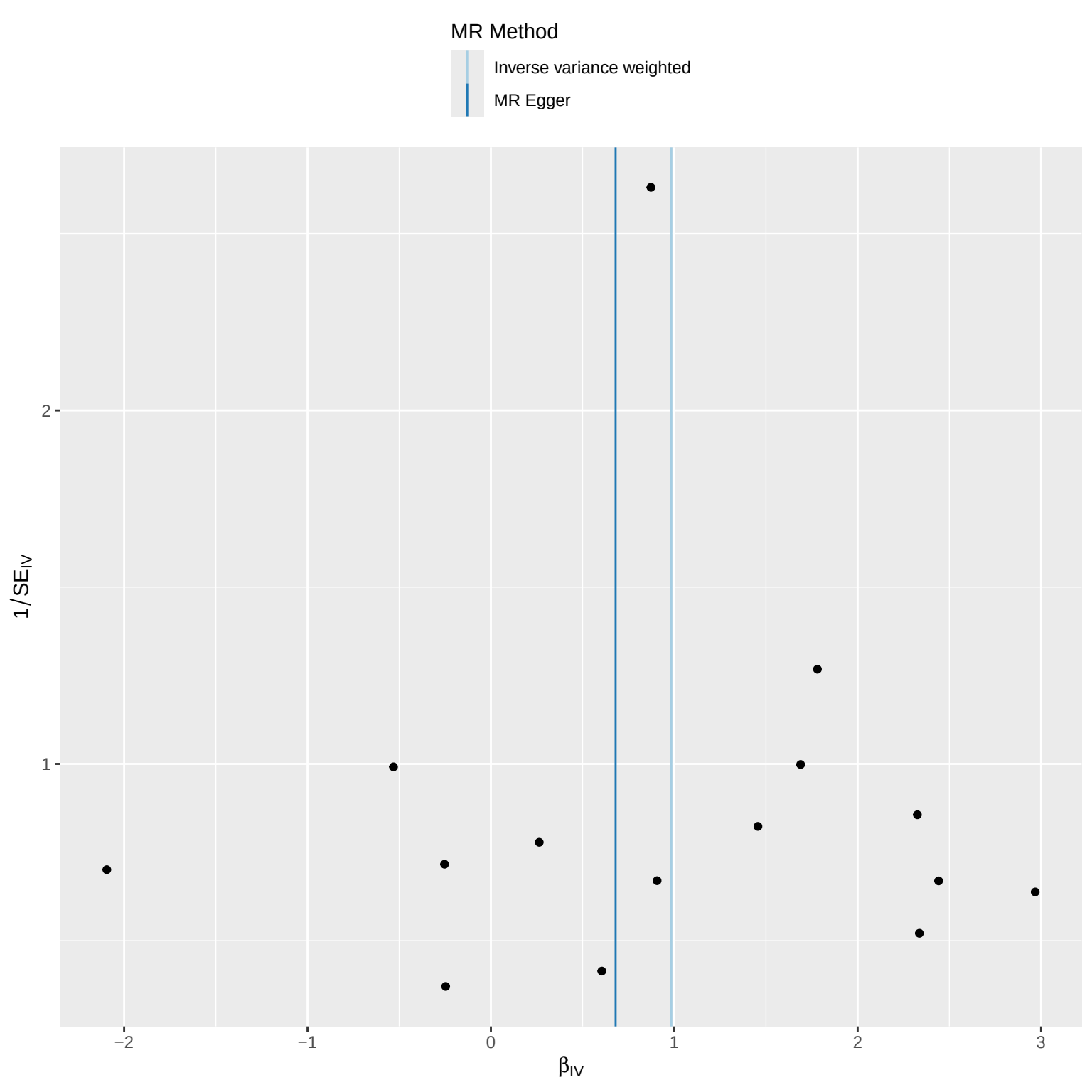

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
3
1/SE_IV
β_IV

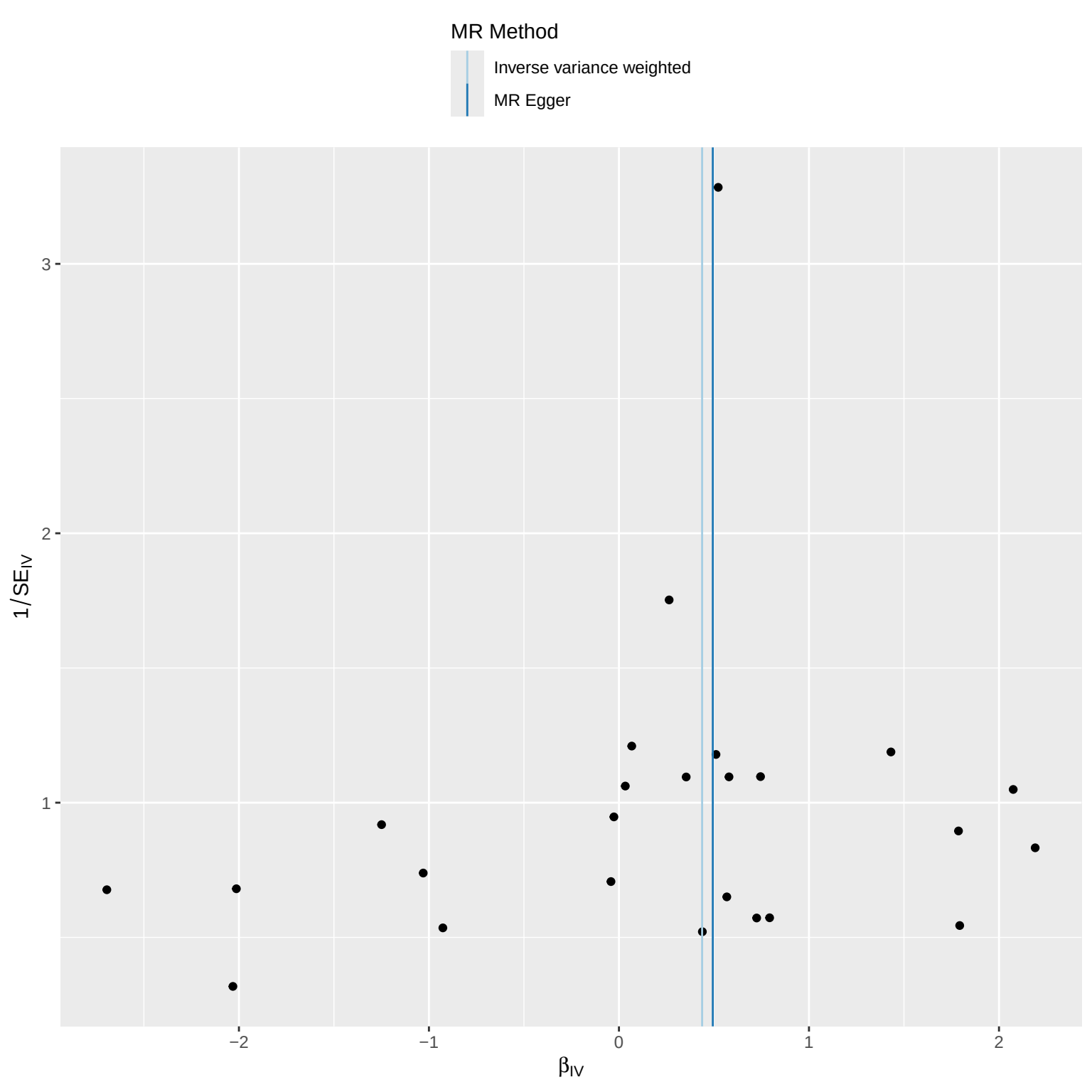

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

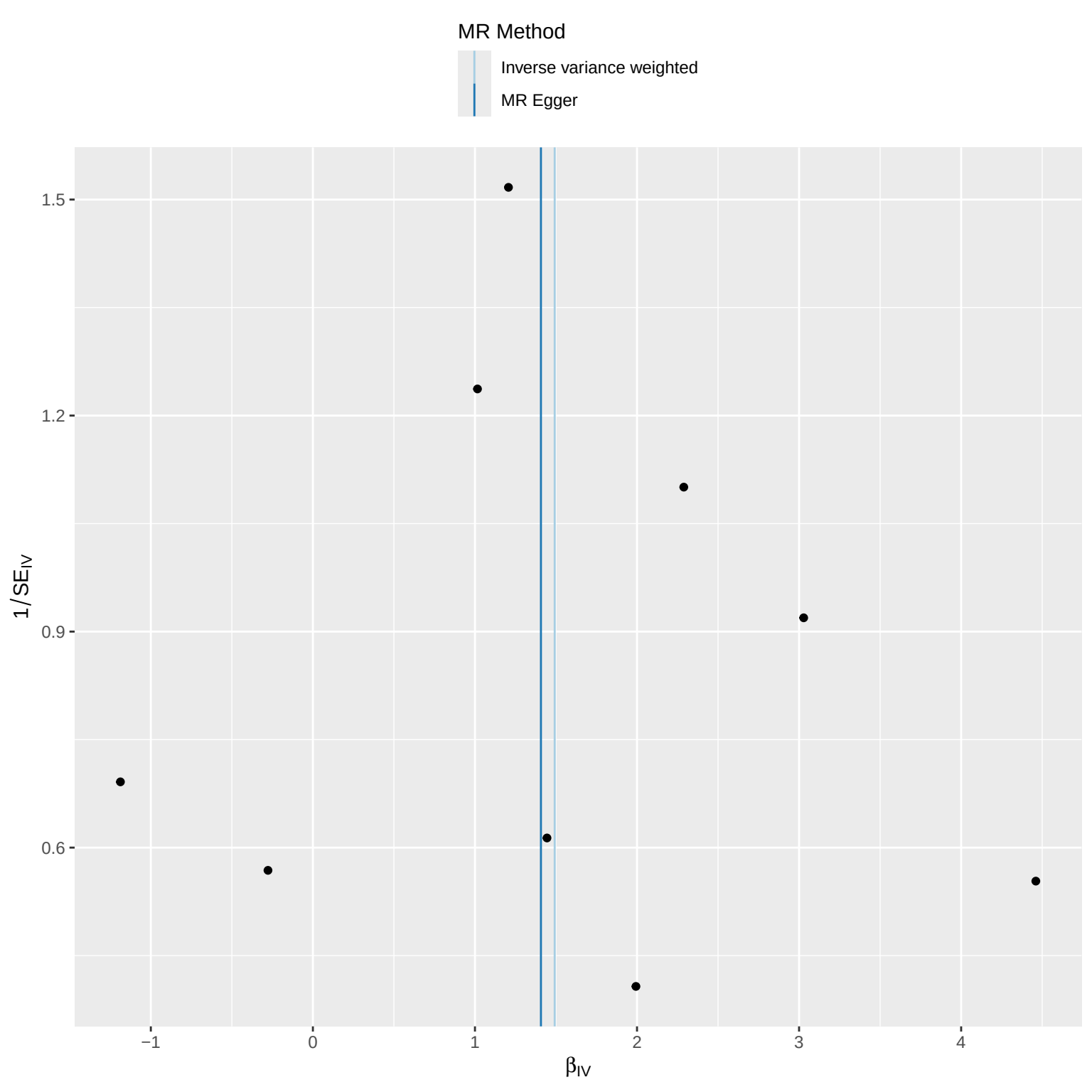

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

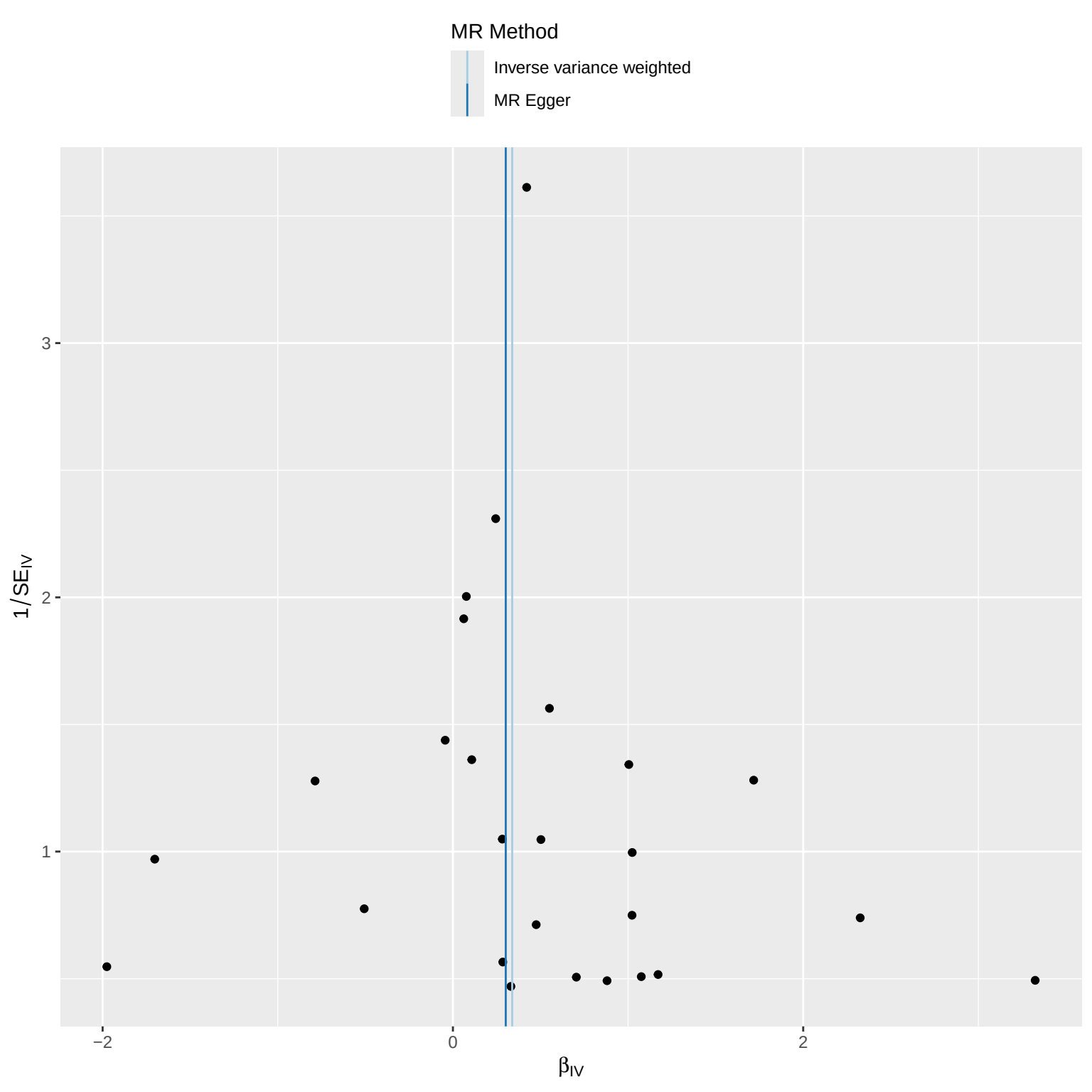

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

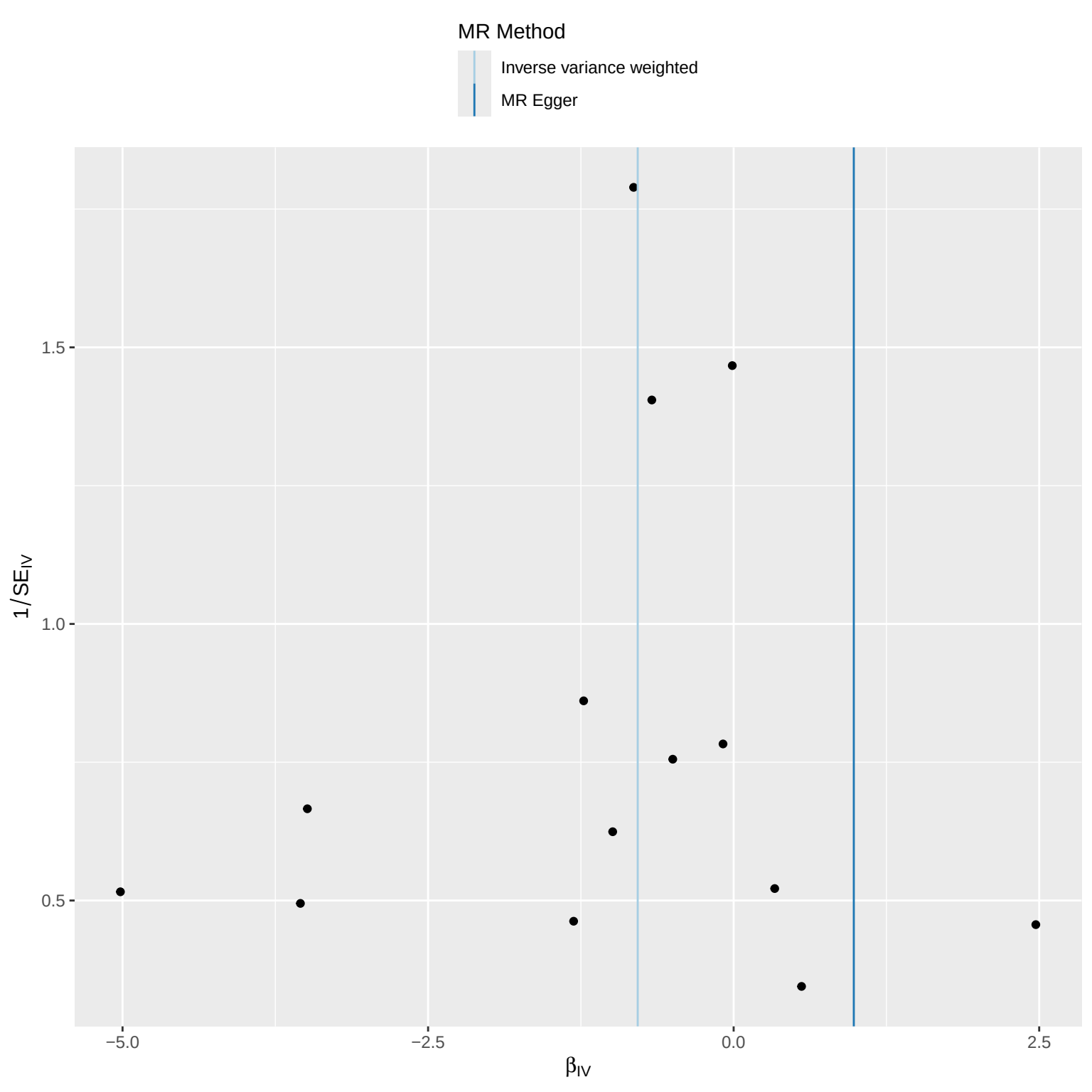

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
4
β_IV

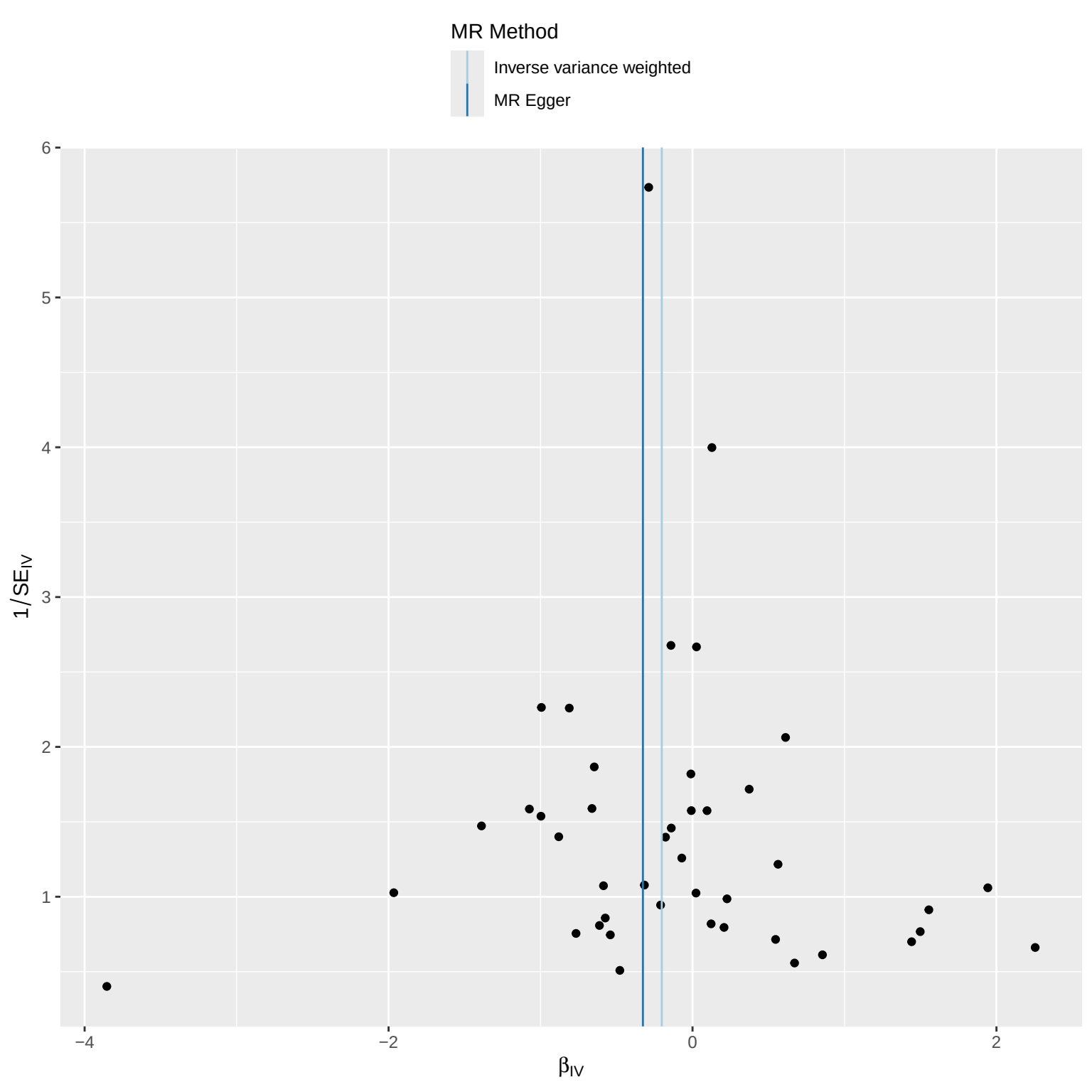

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

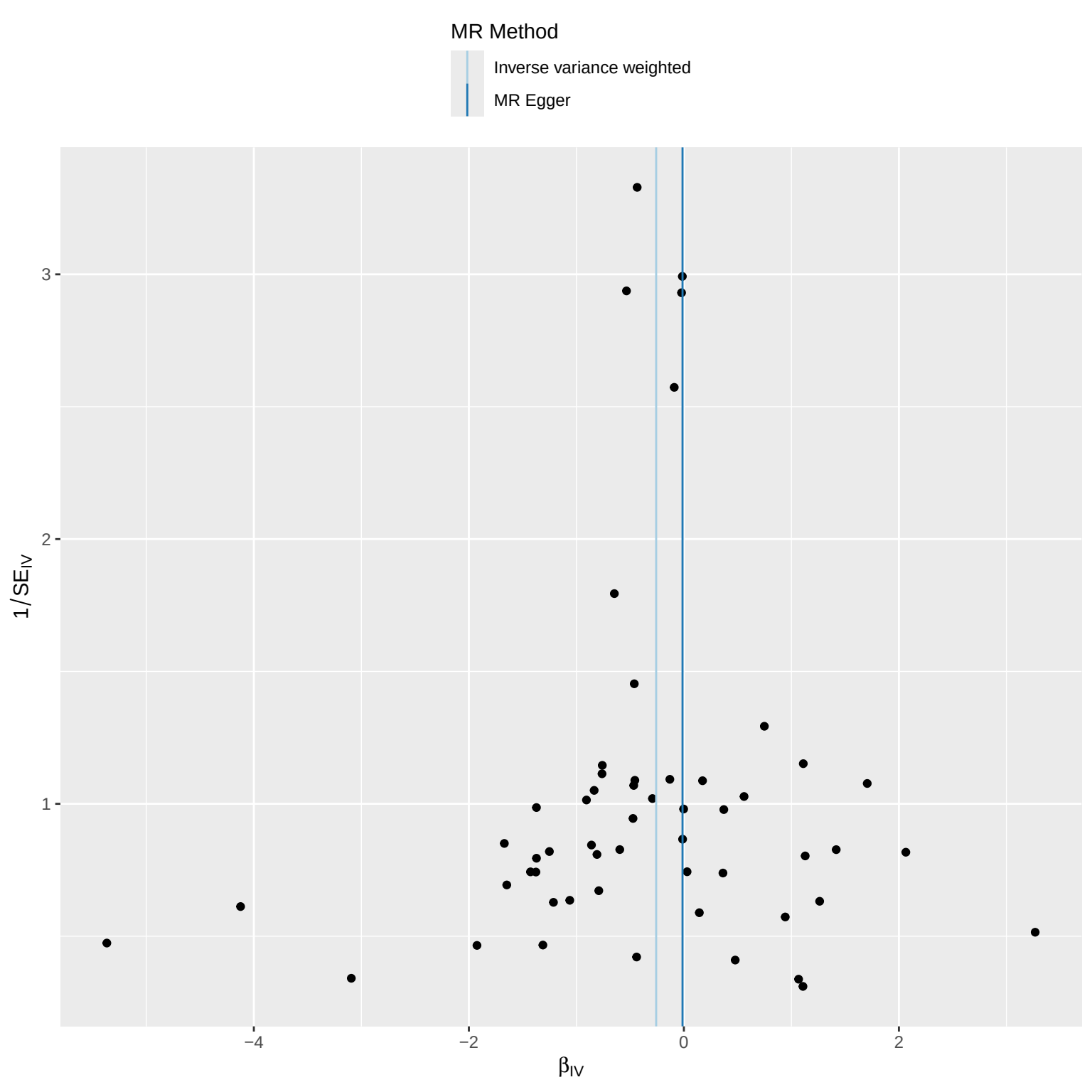

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

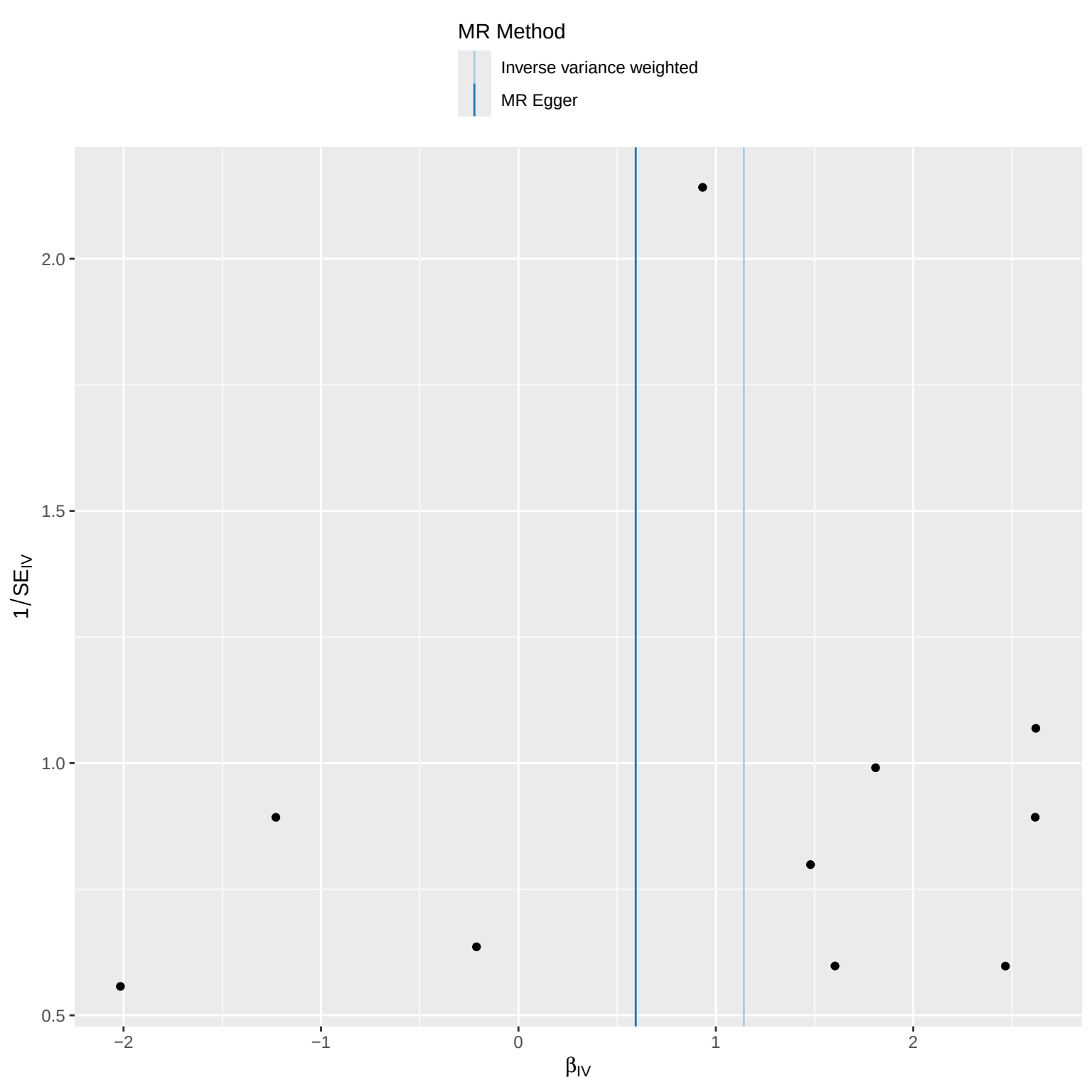

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
3
4
β_IV

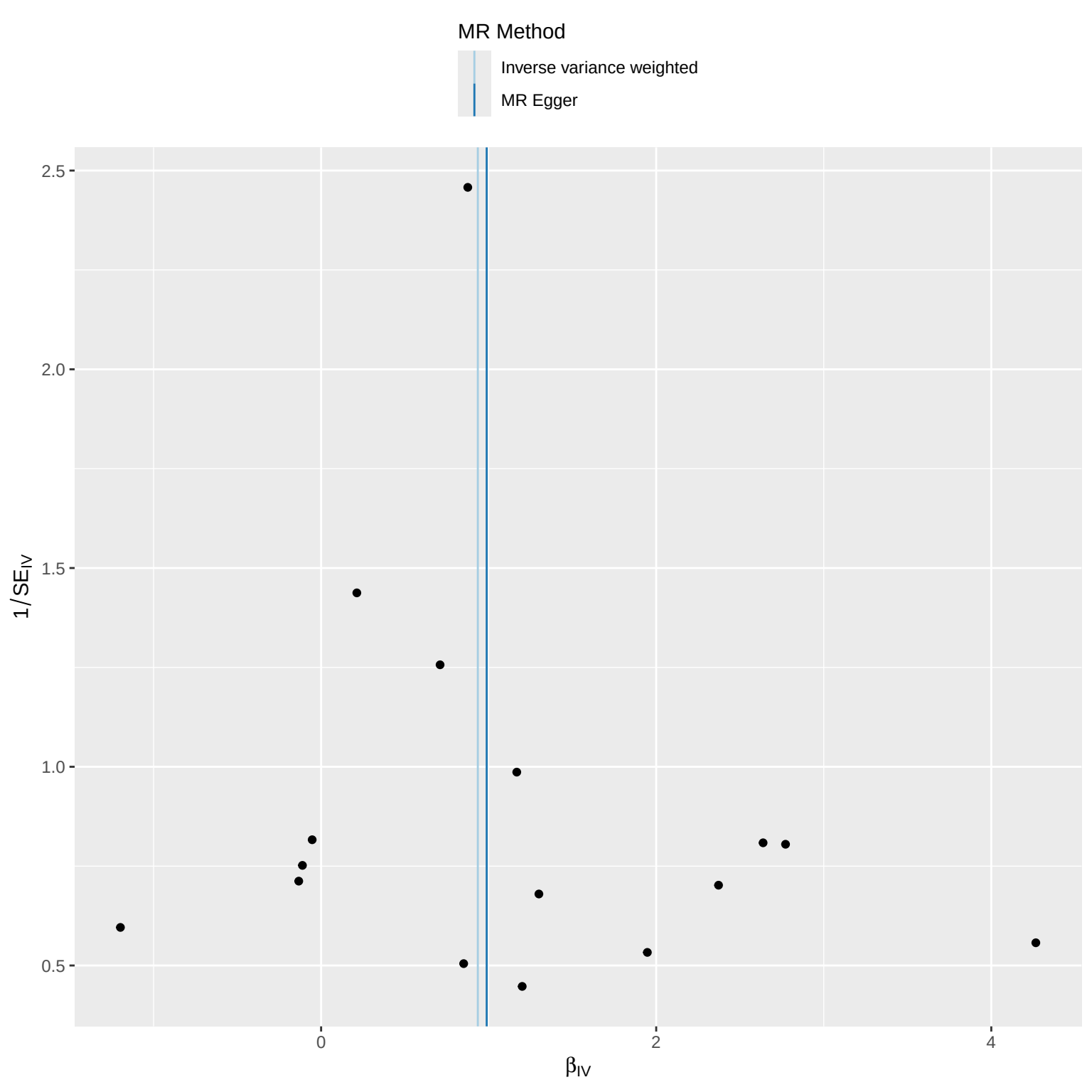

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

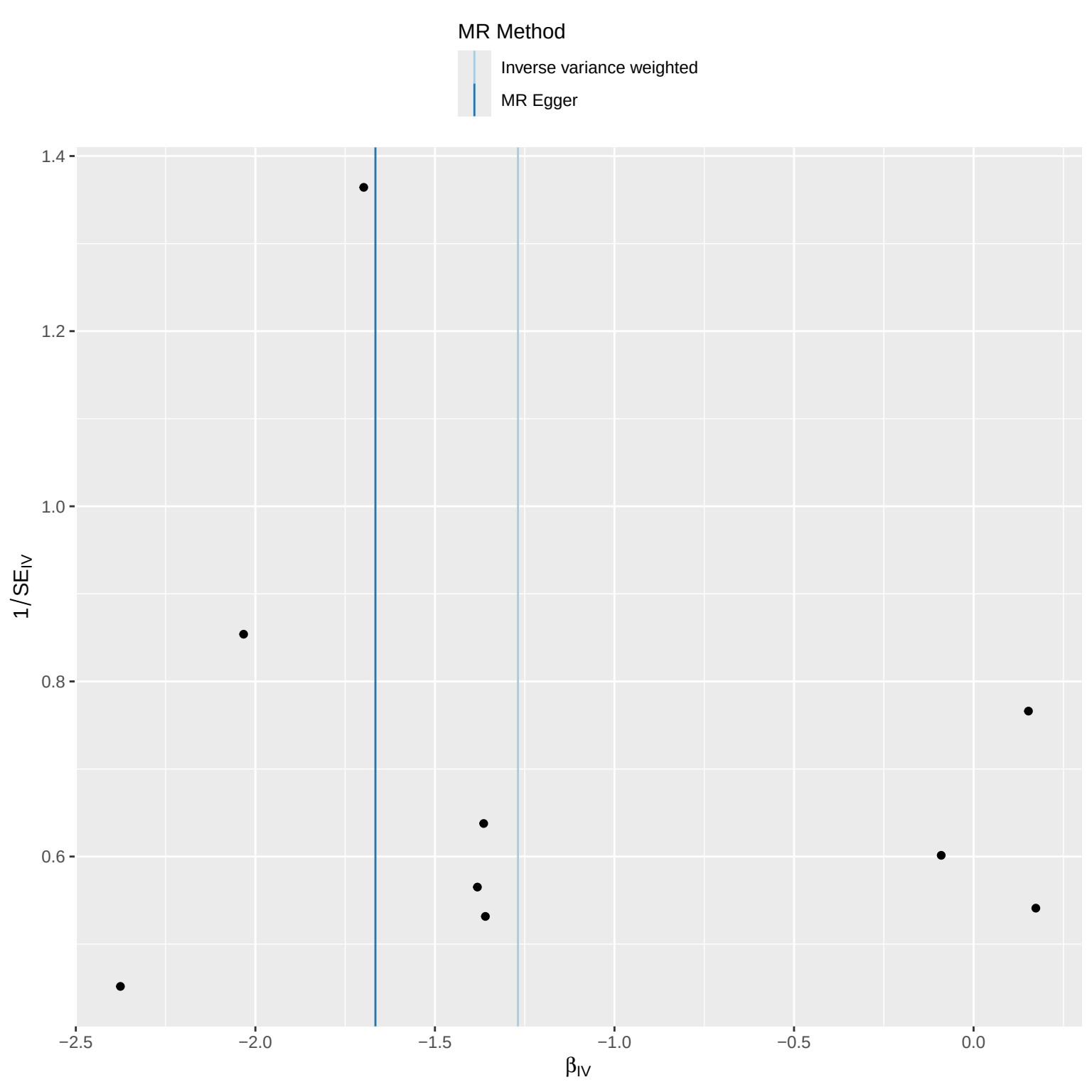

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

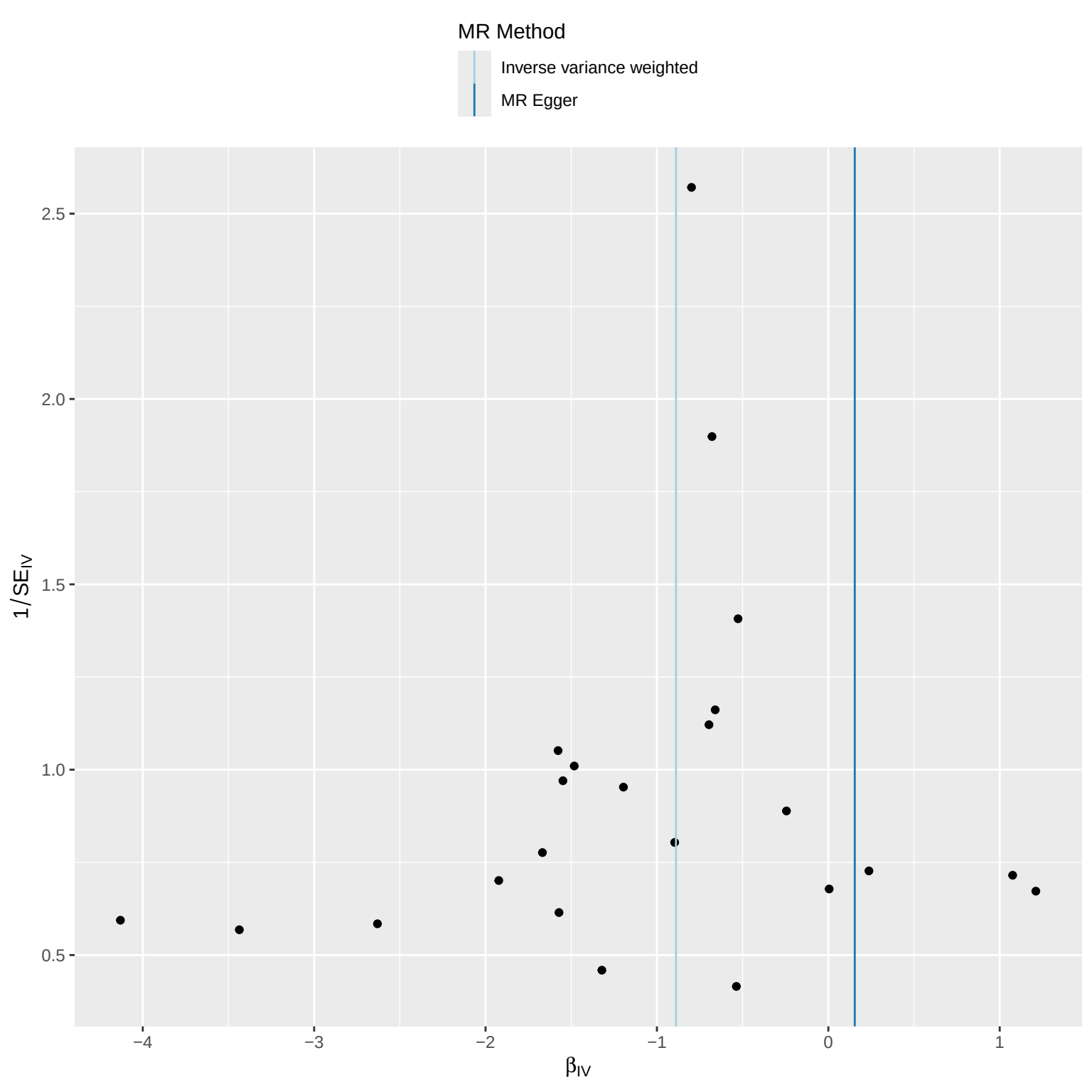

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

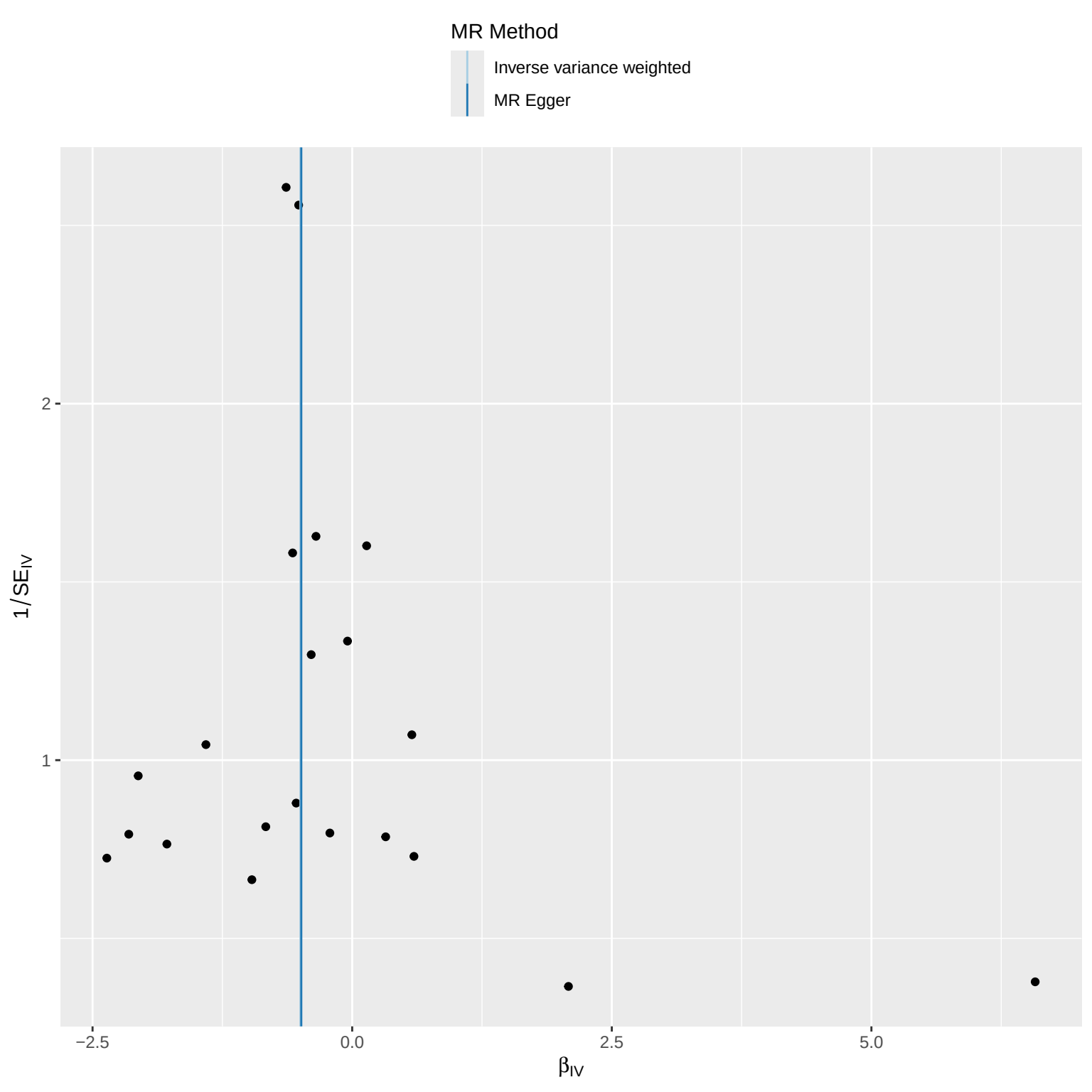

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

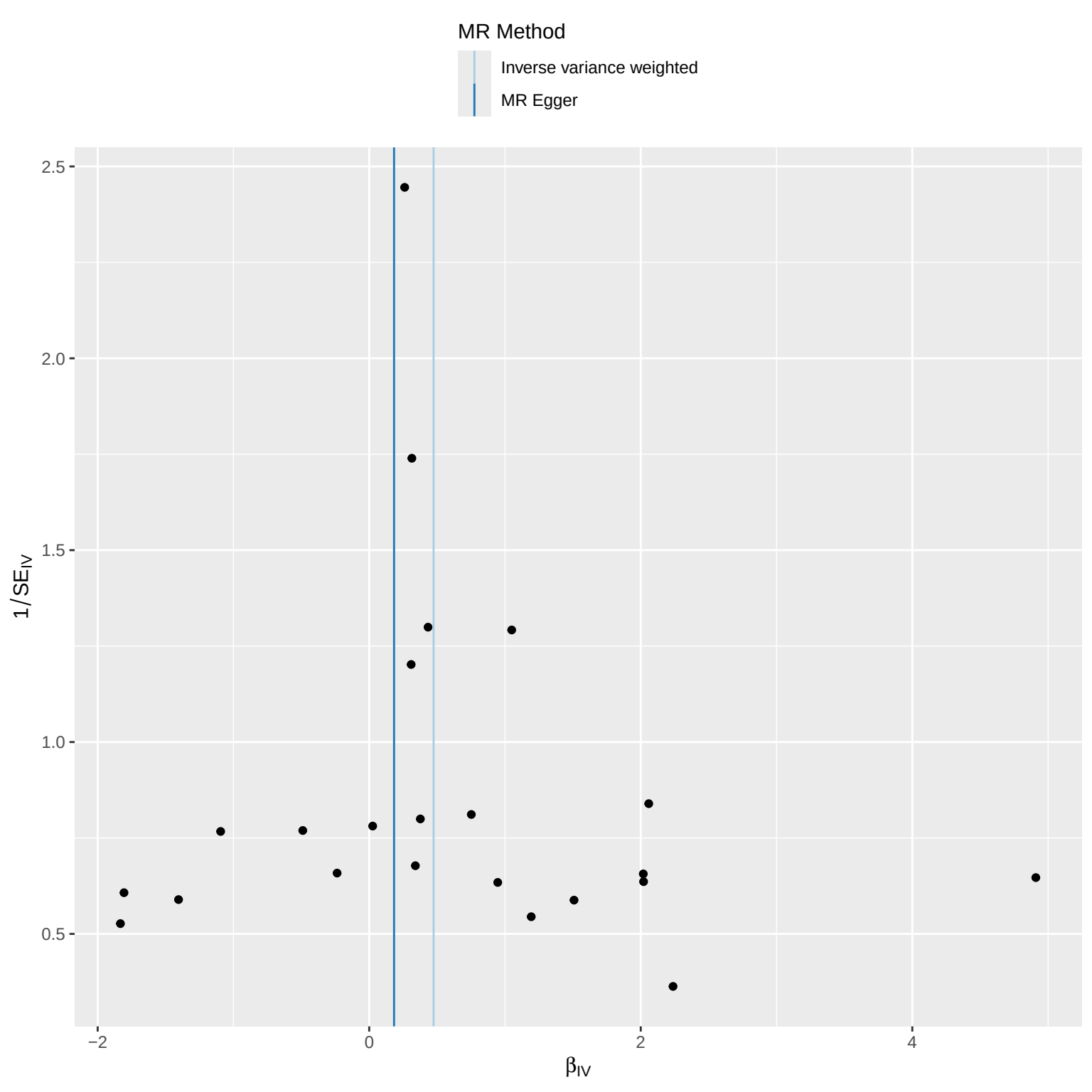

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

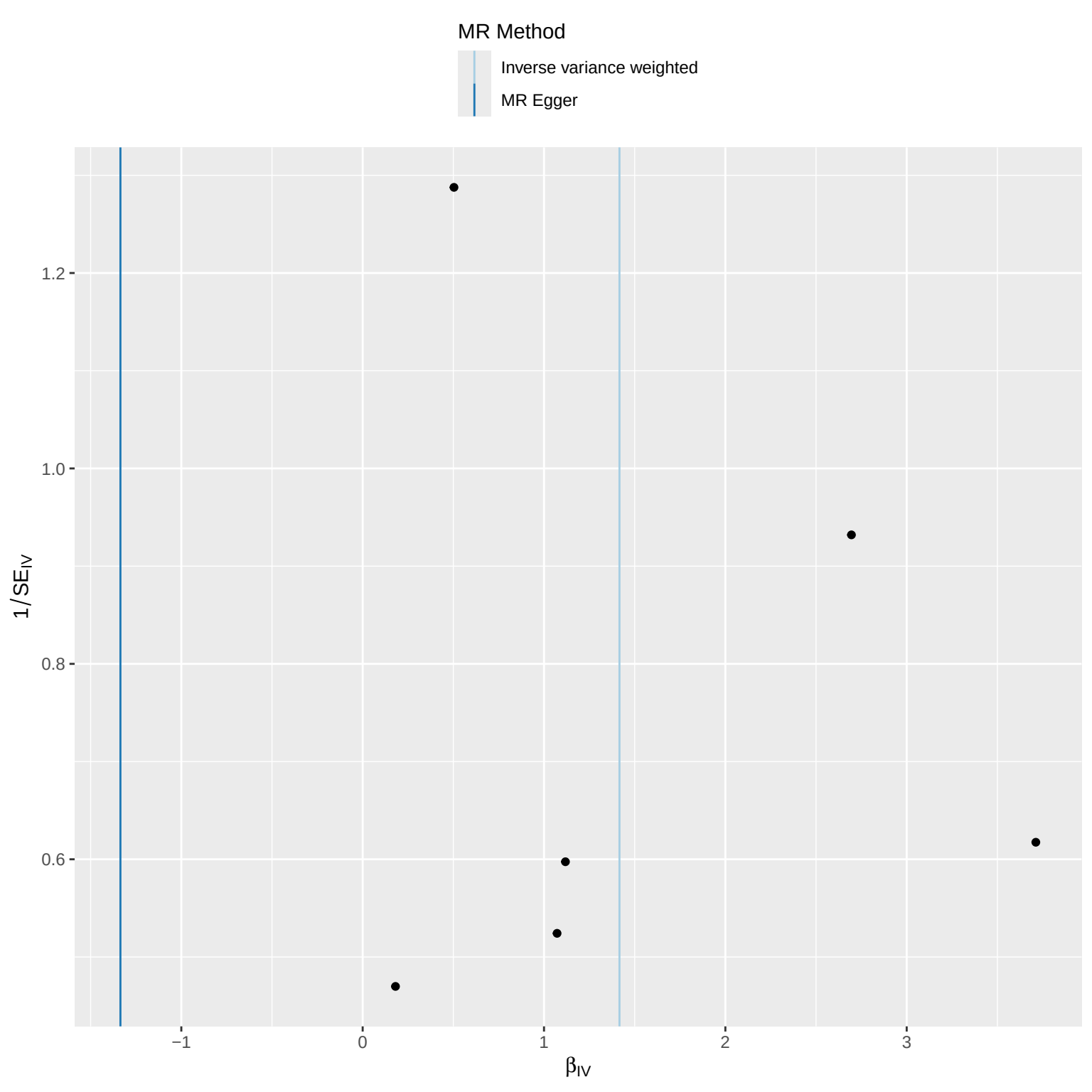

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

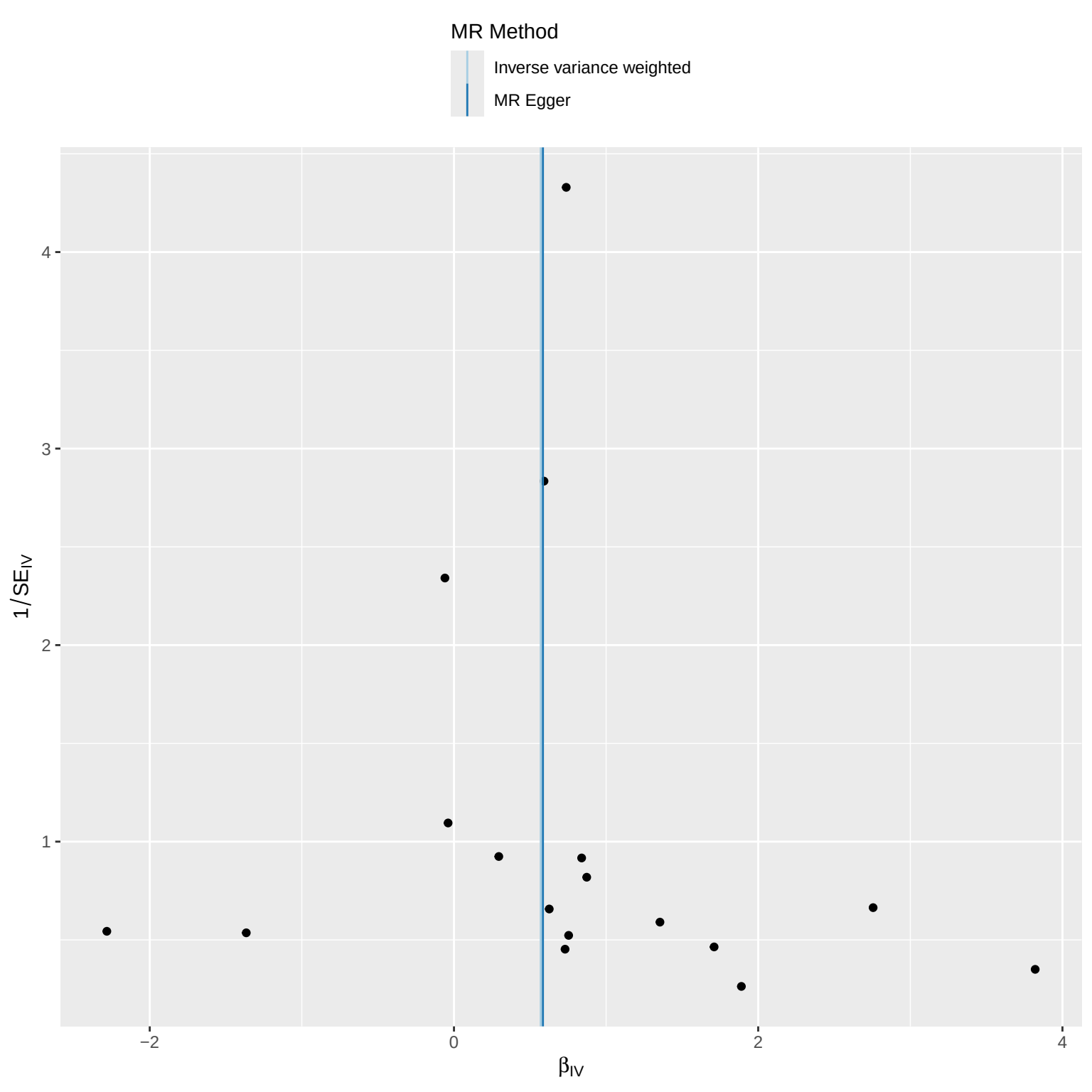

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

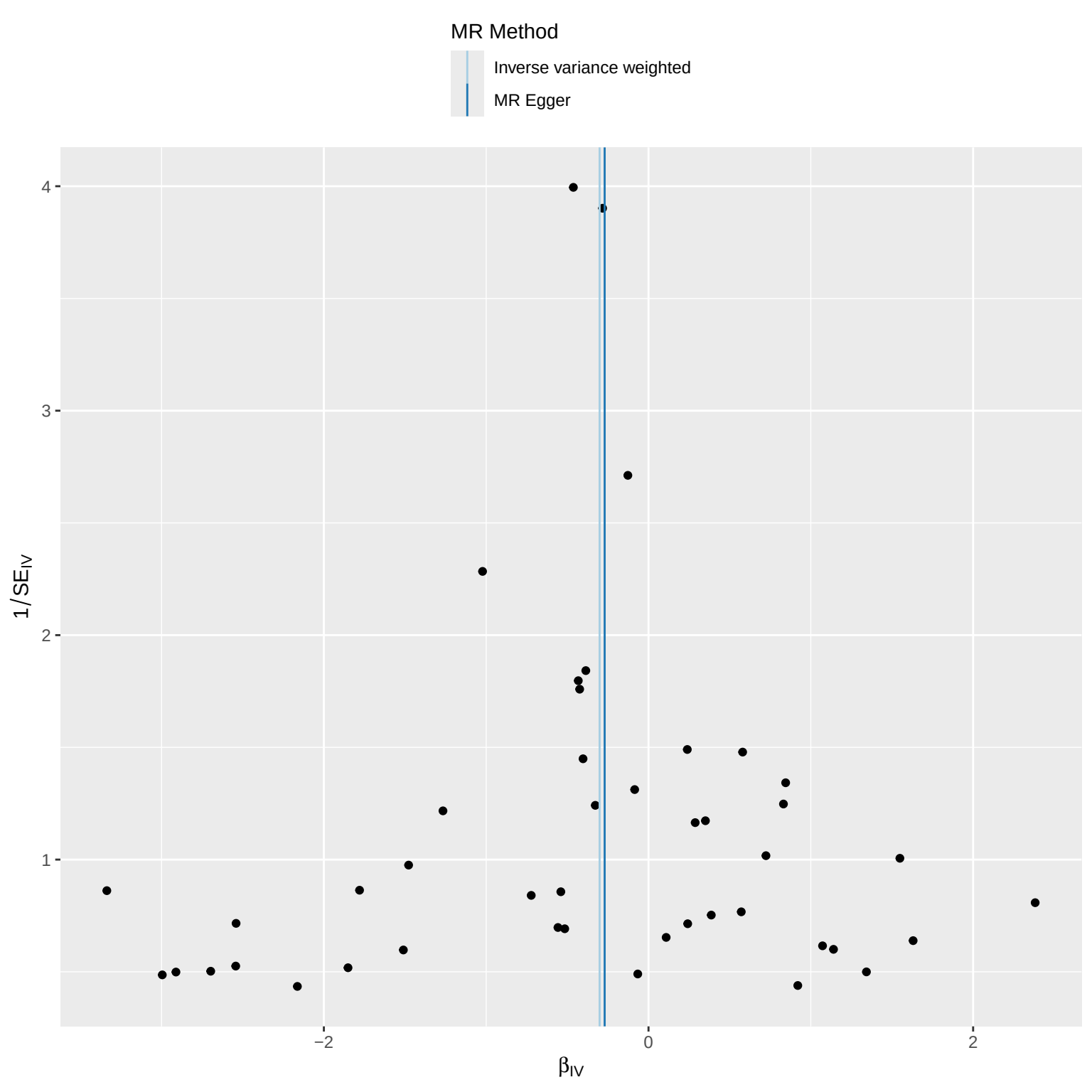

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

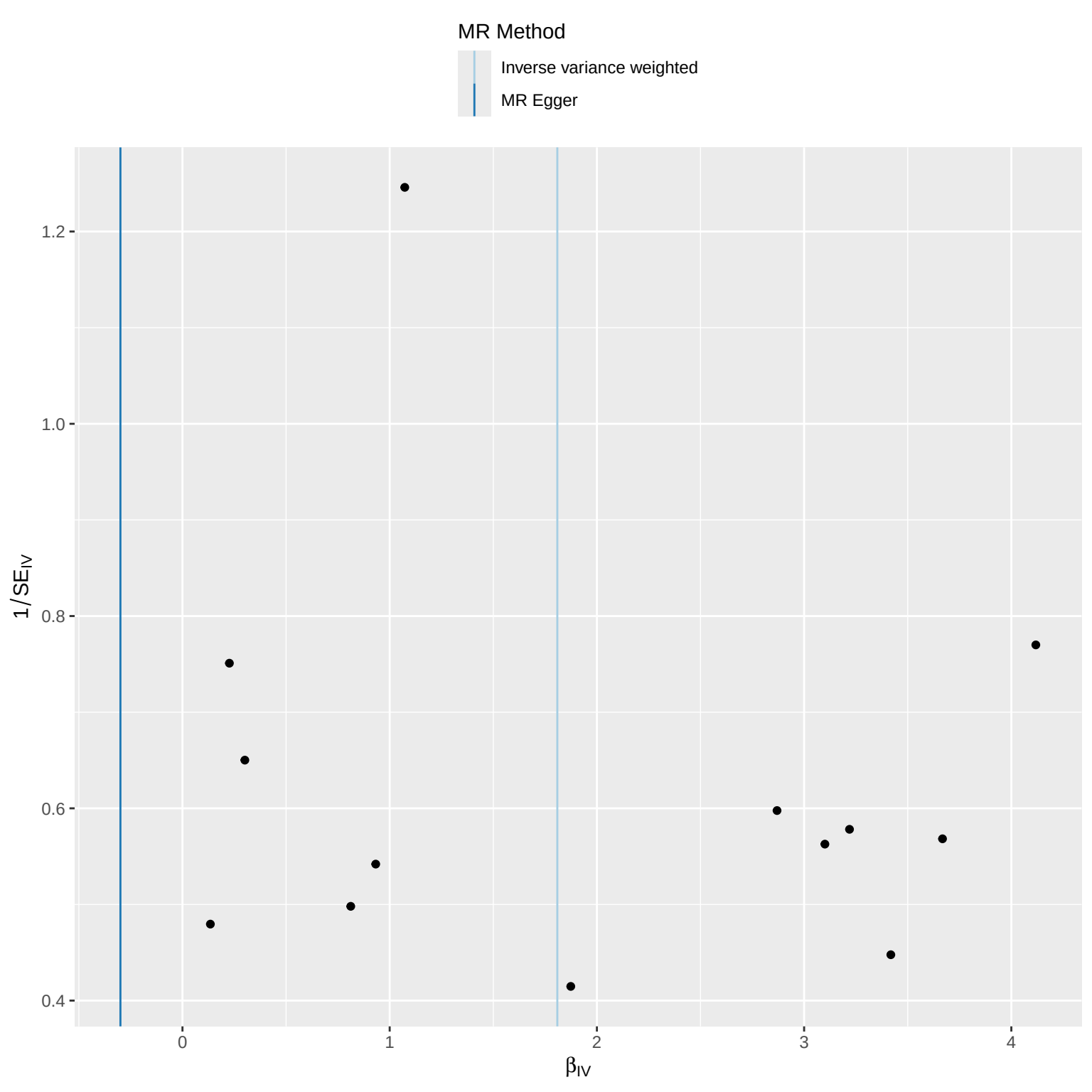

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

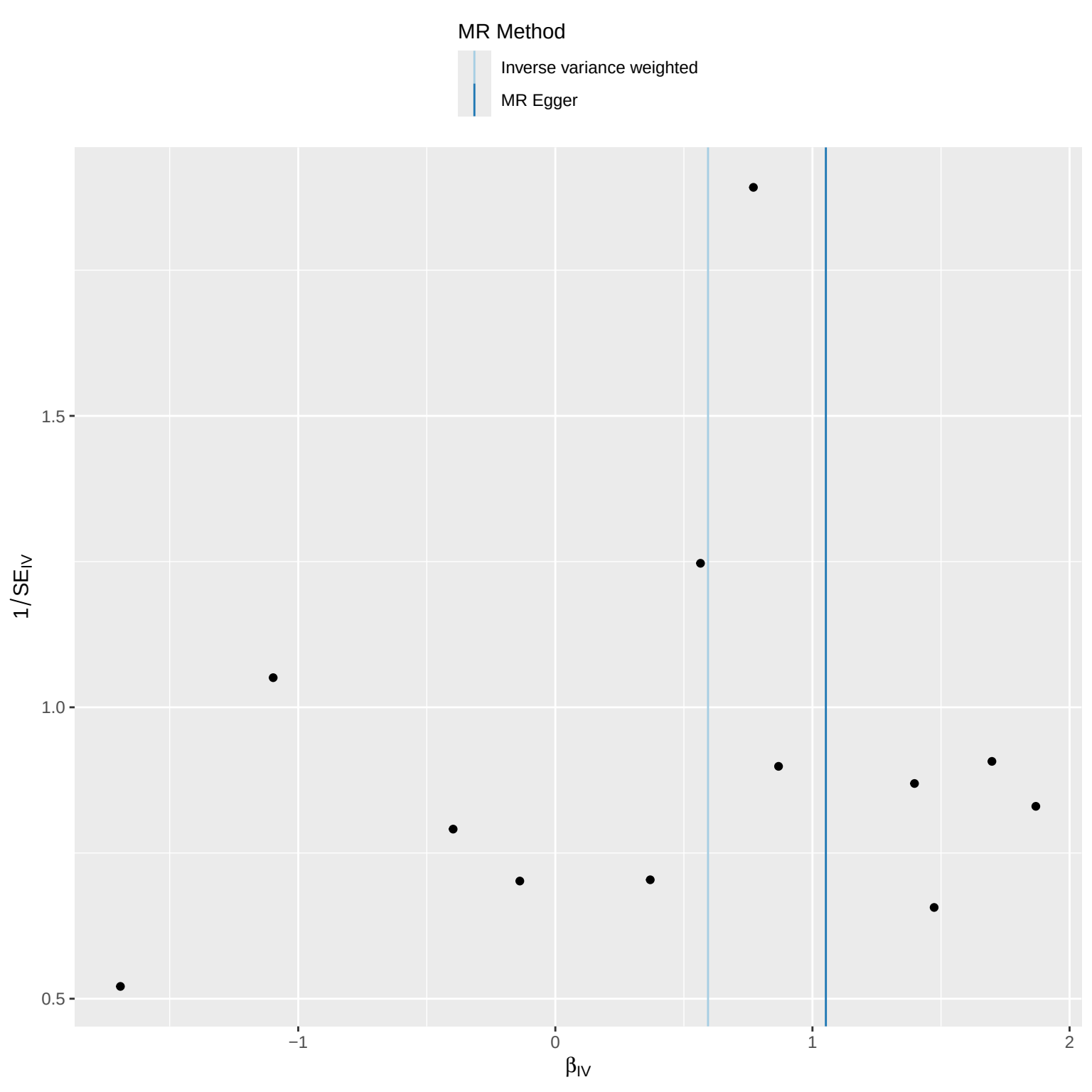

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

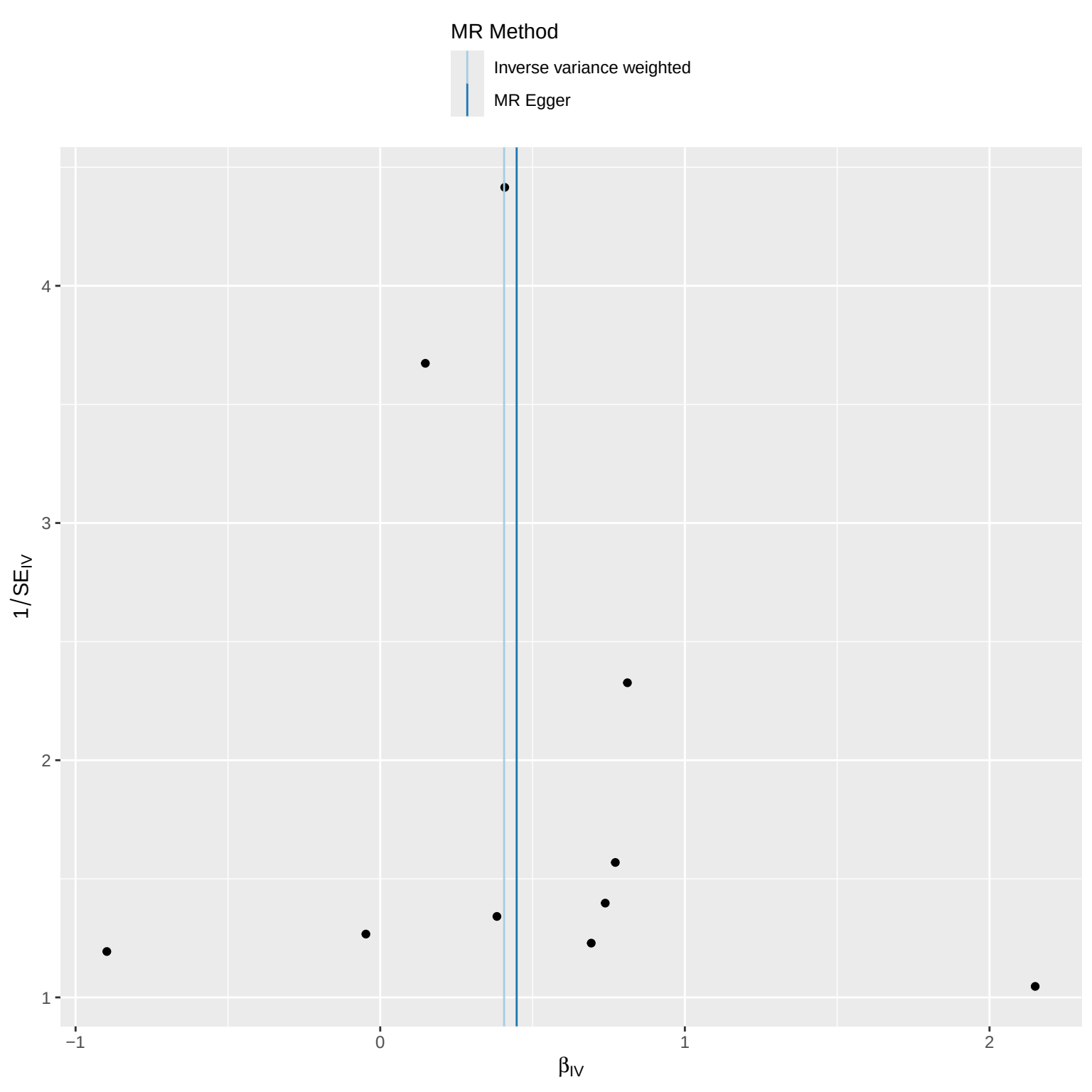

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
2
3
β_IV

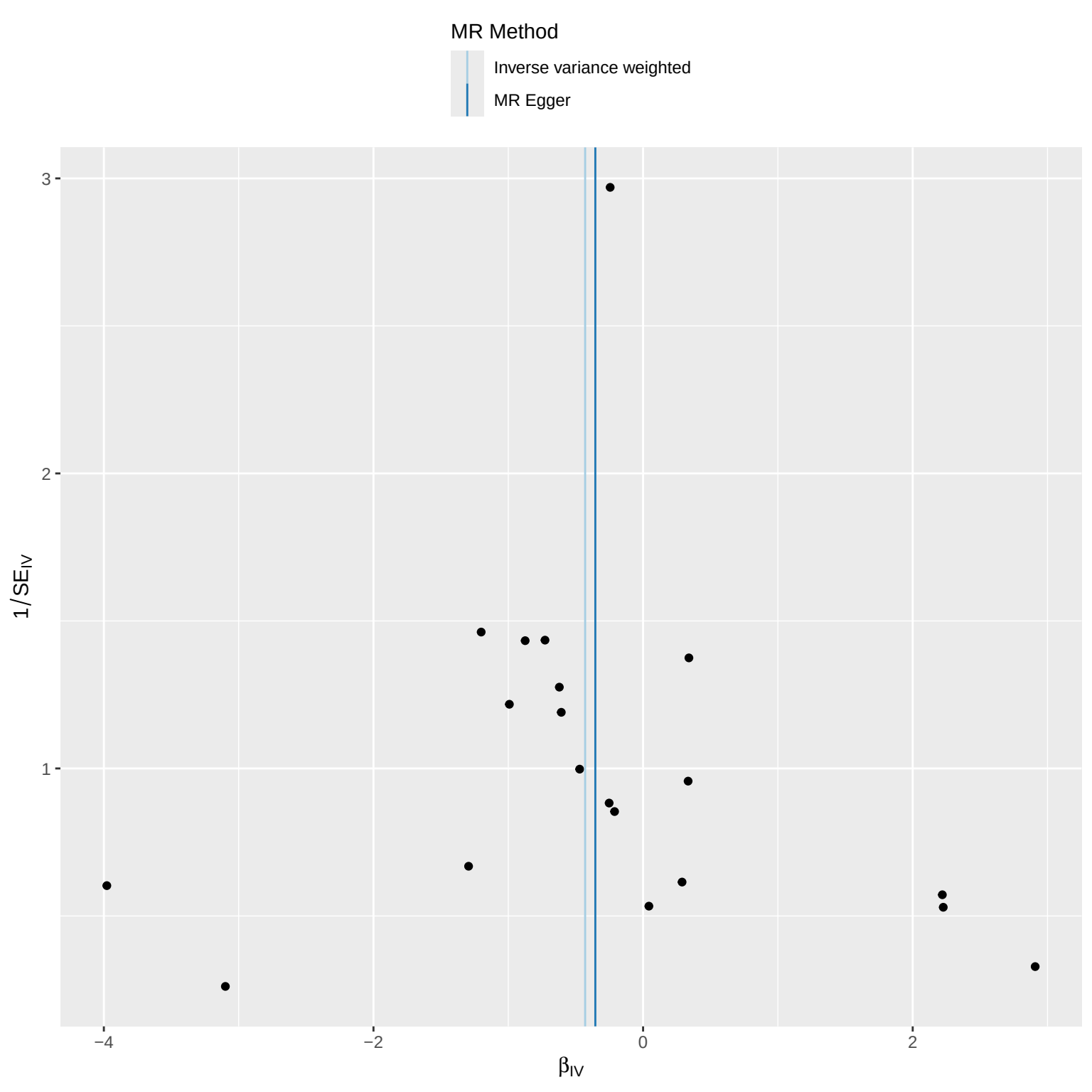

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

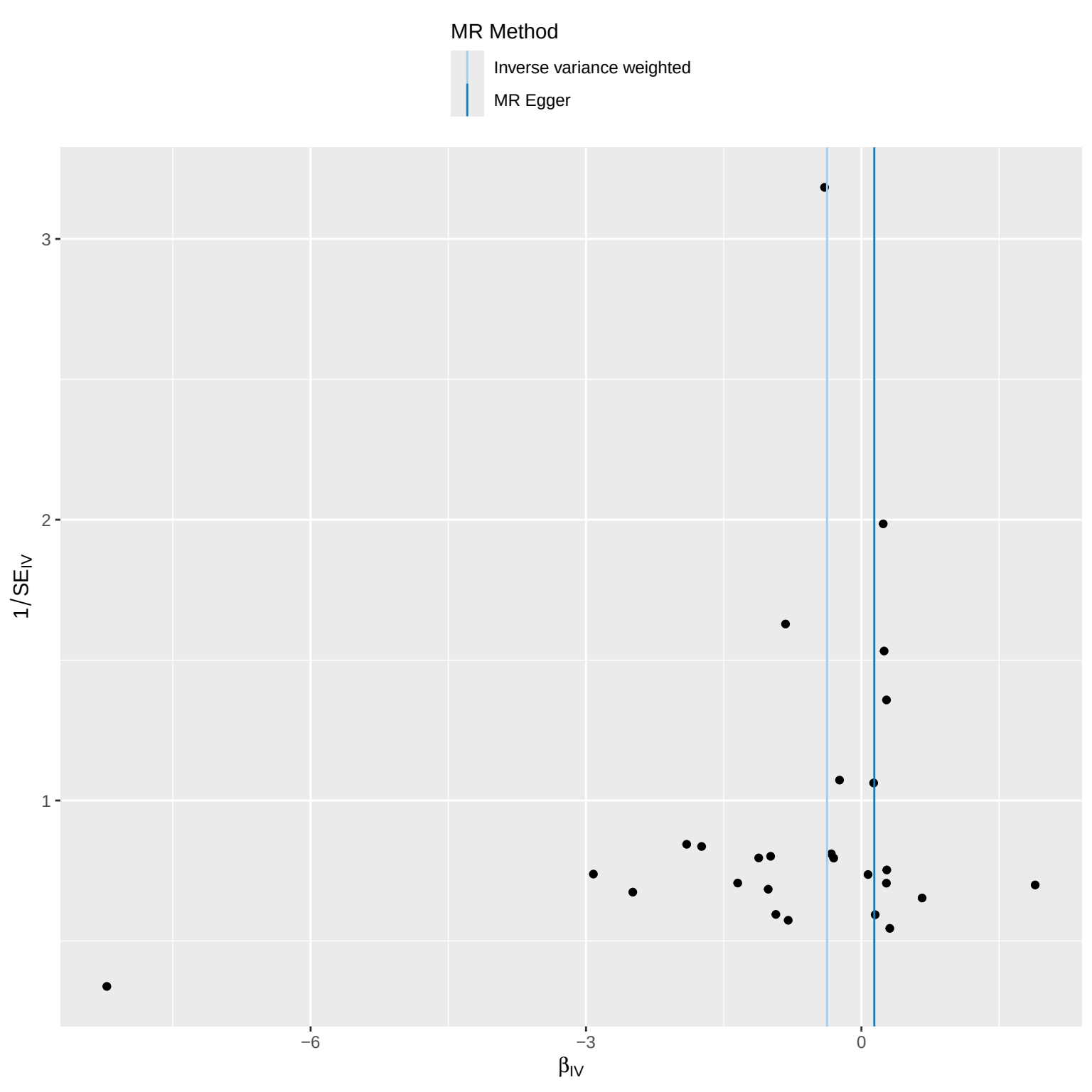

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

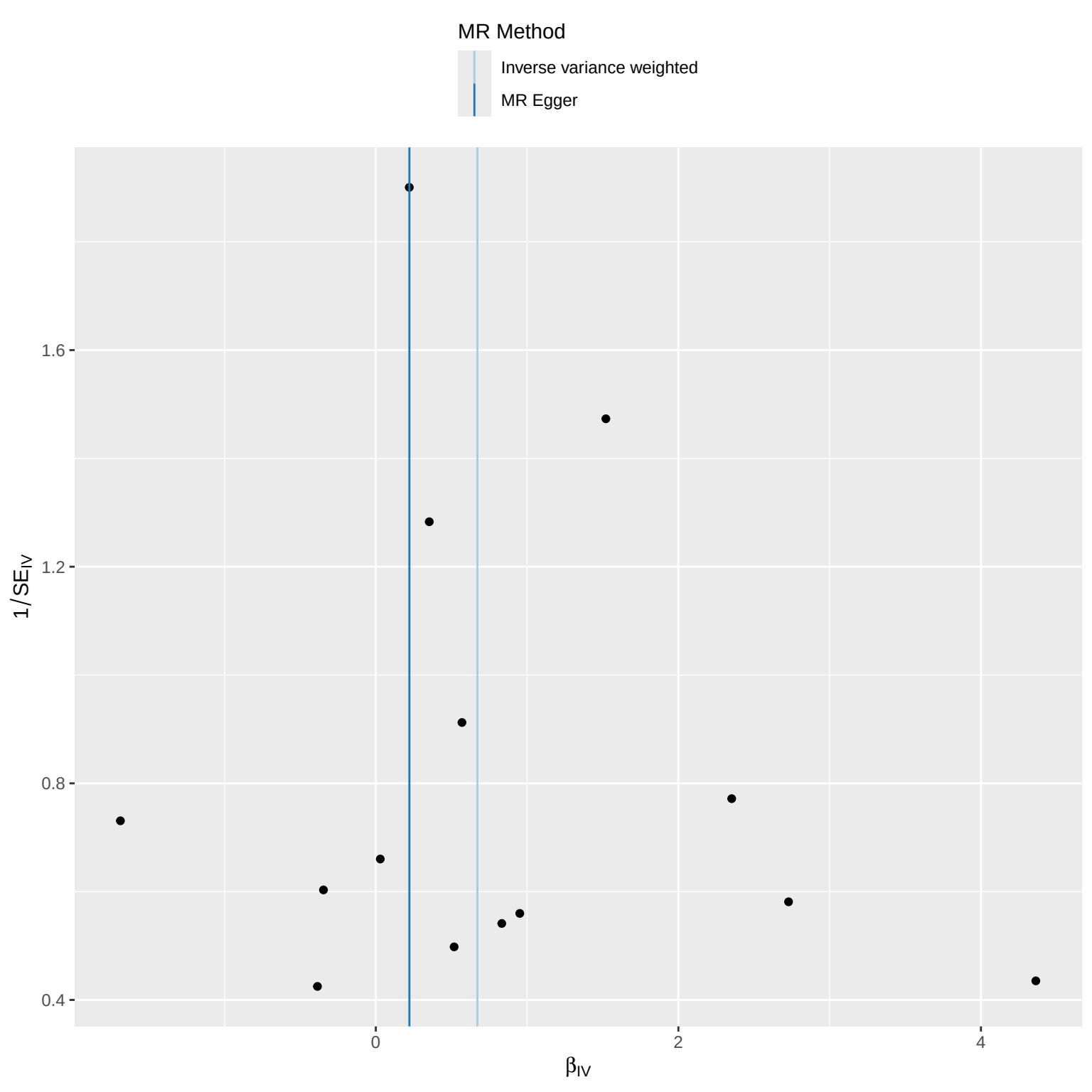

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
4
β_IV

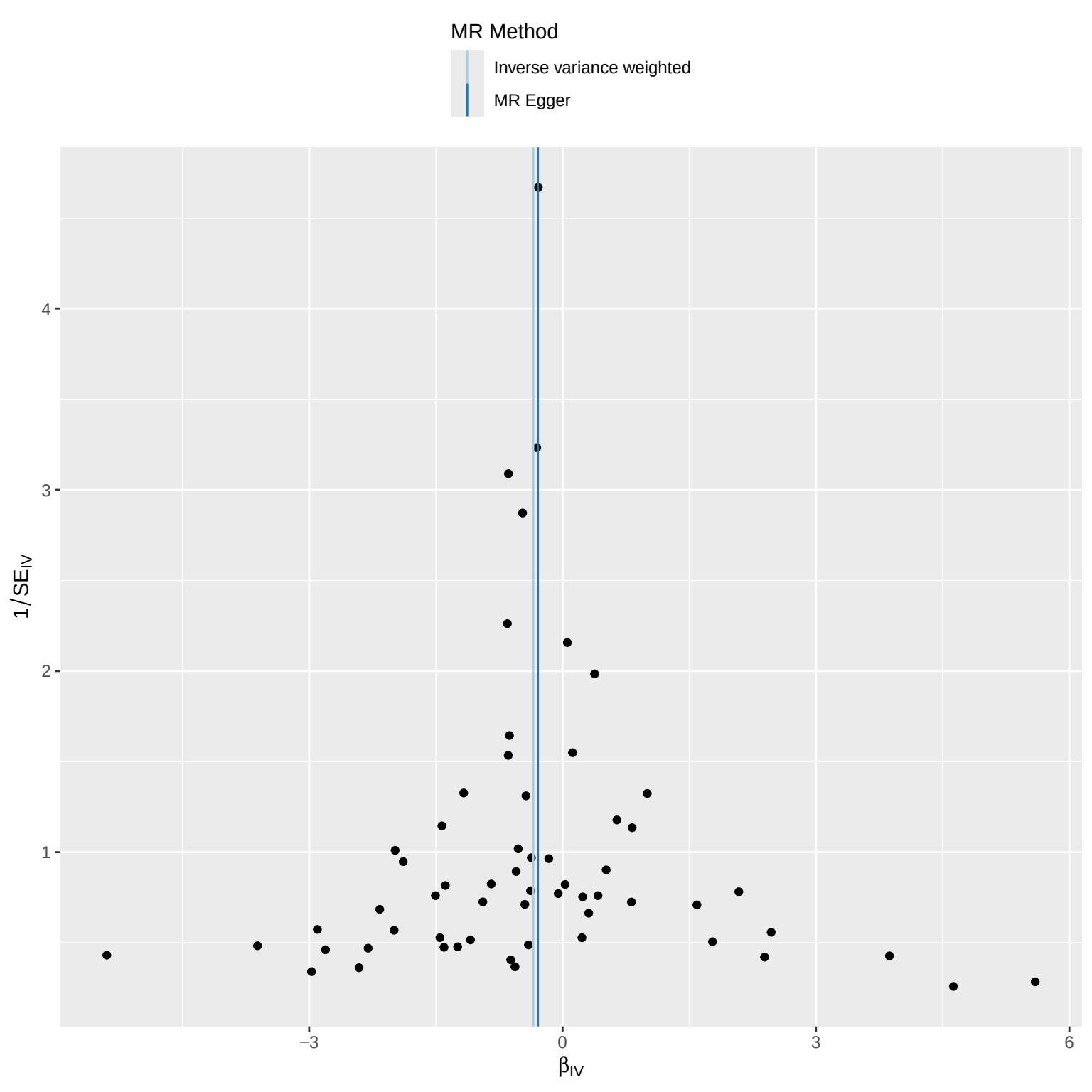

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

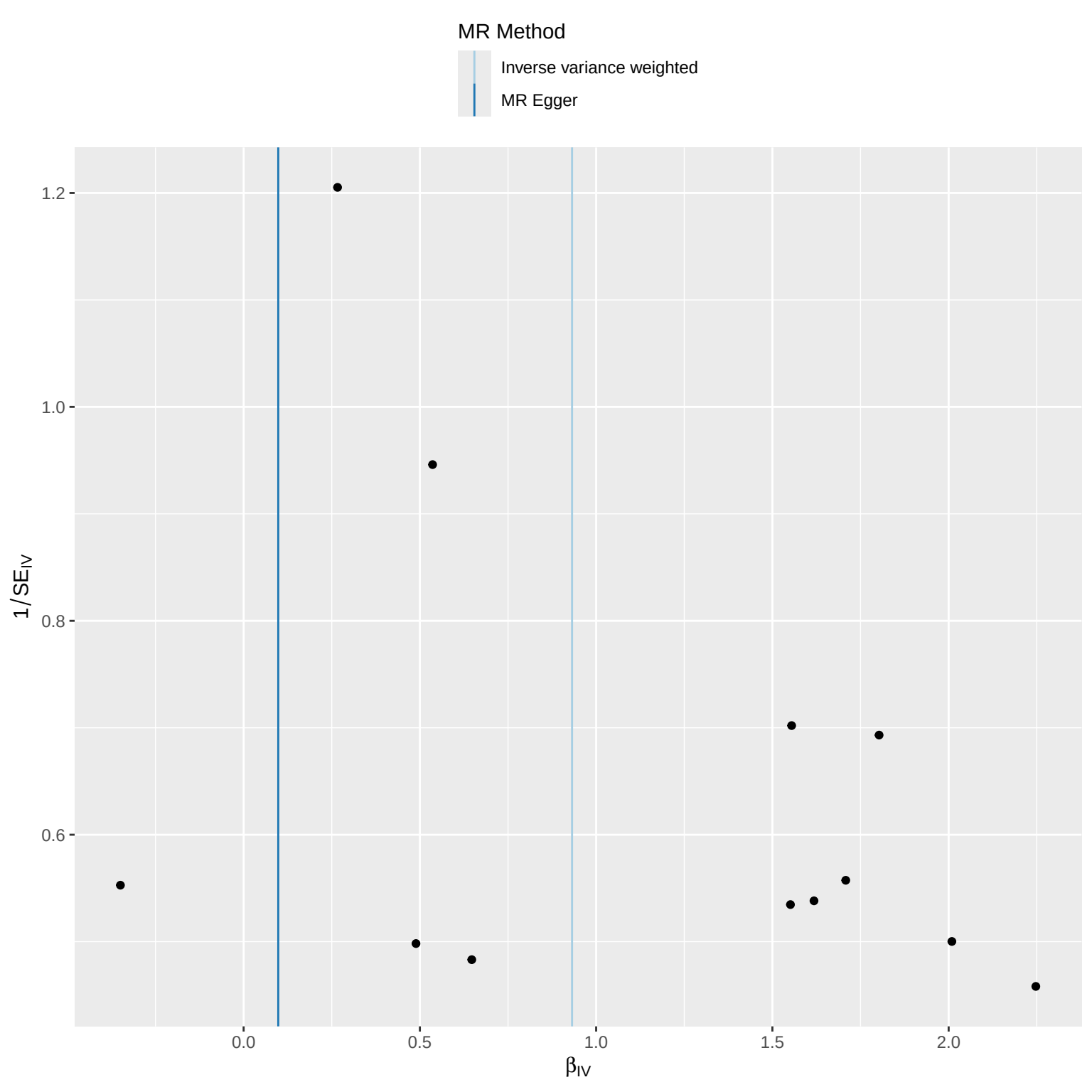

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

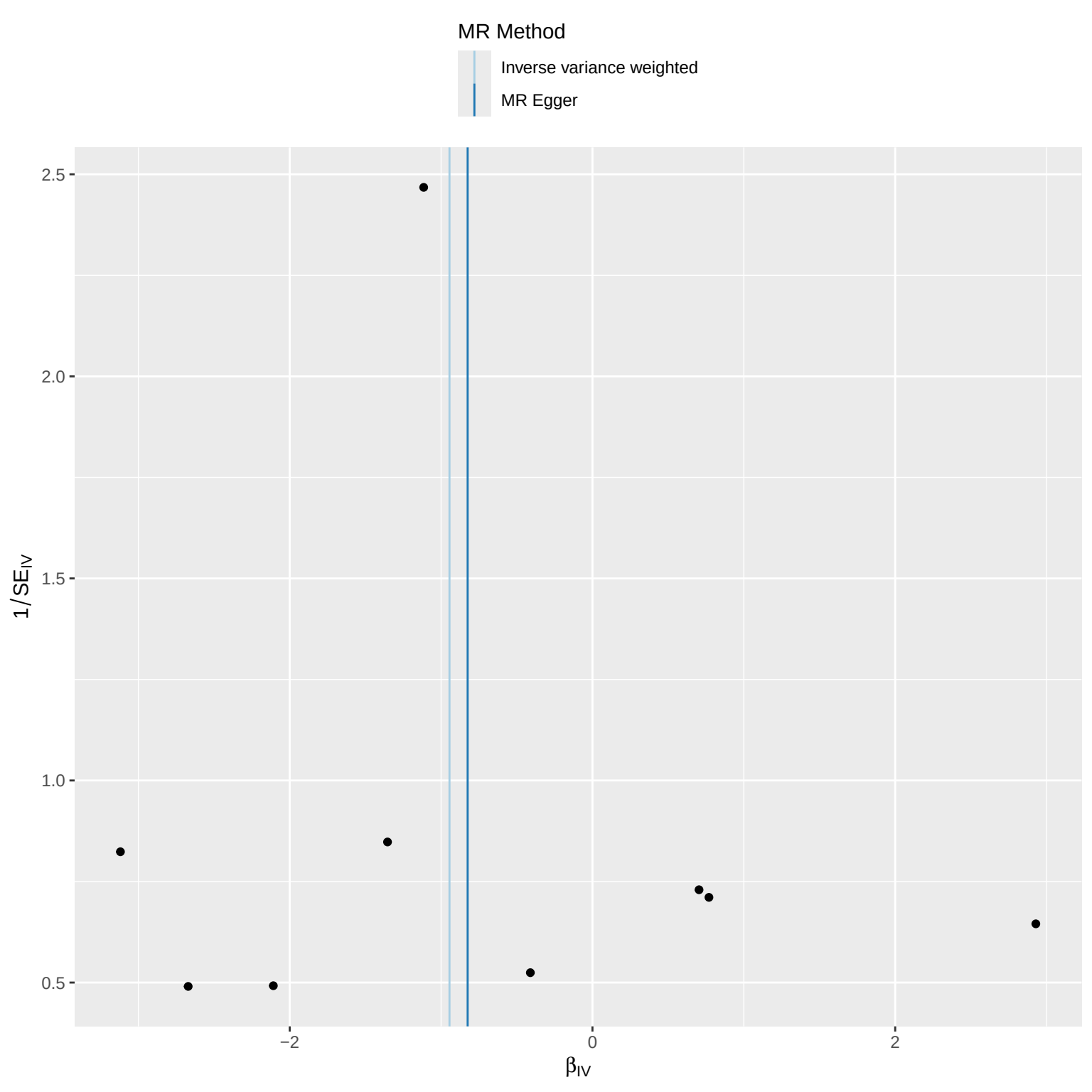

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

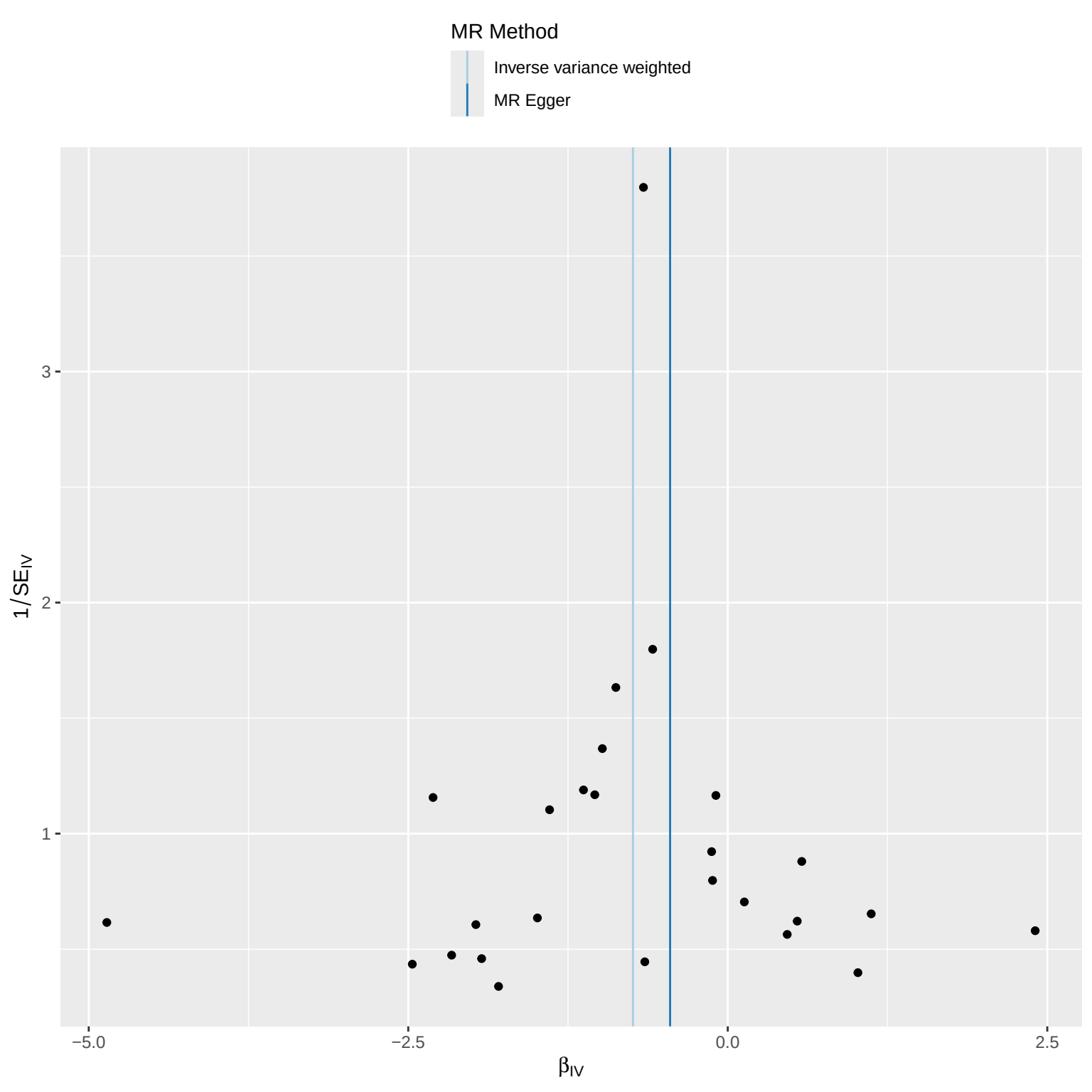

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
β_IV

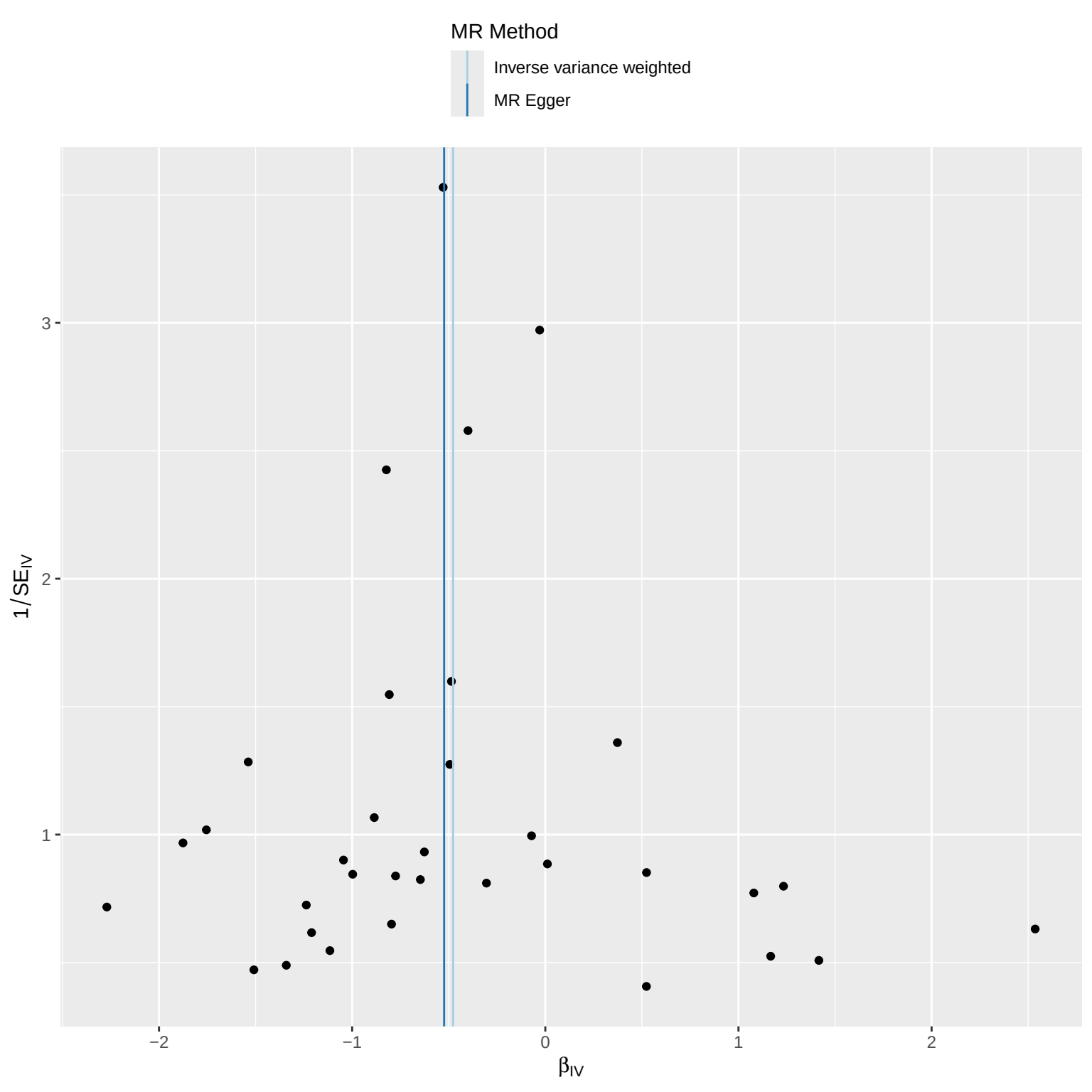

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
2
4
β_IV

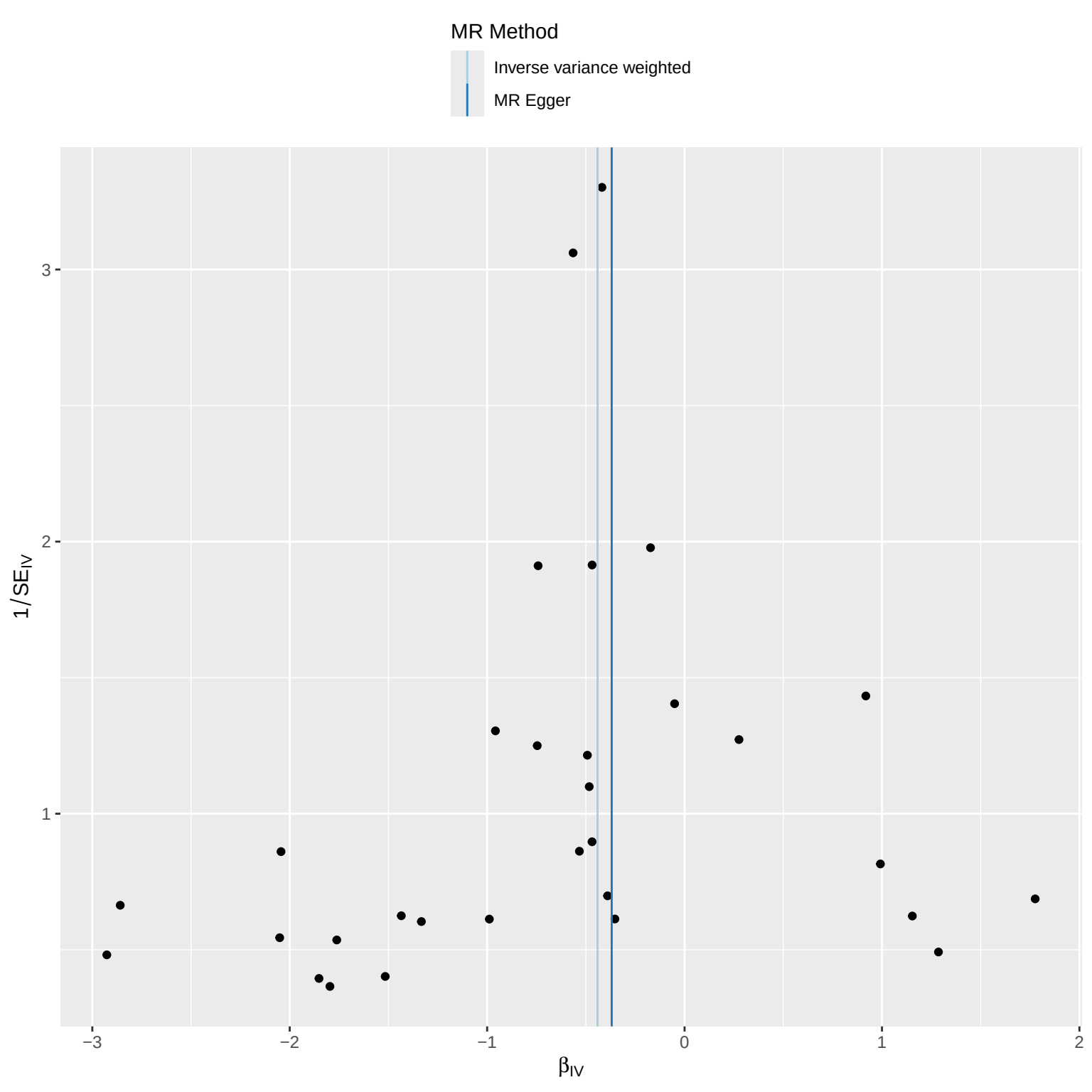

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
0
3
6
β_IV

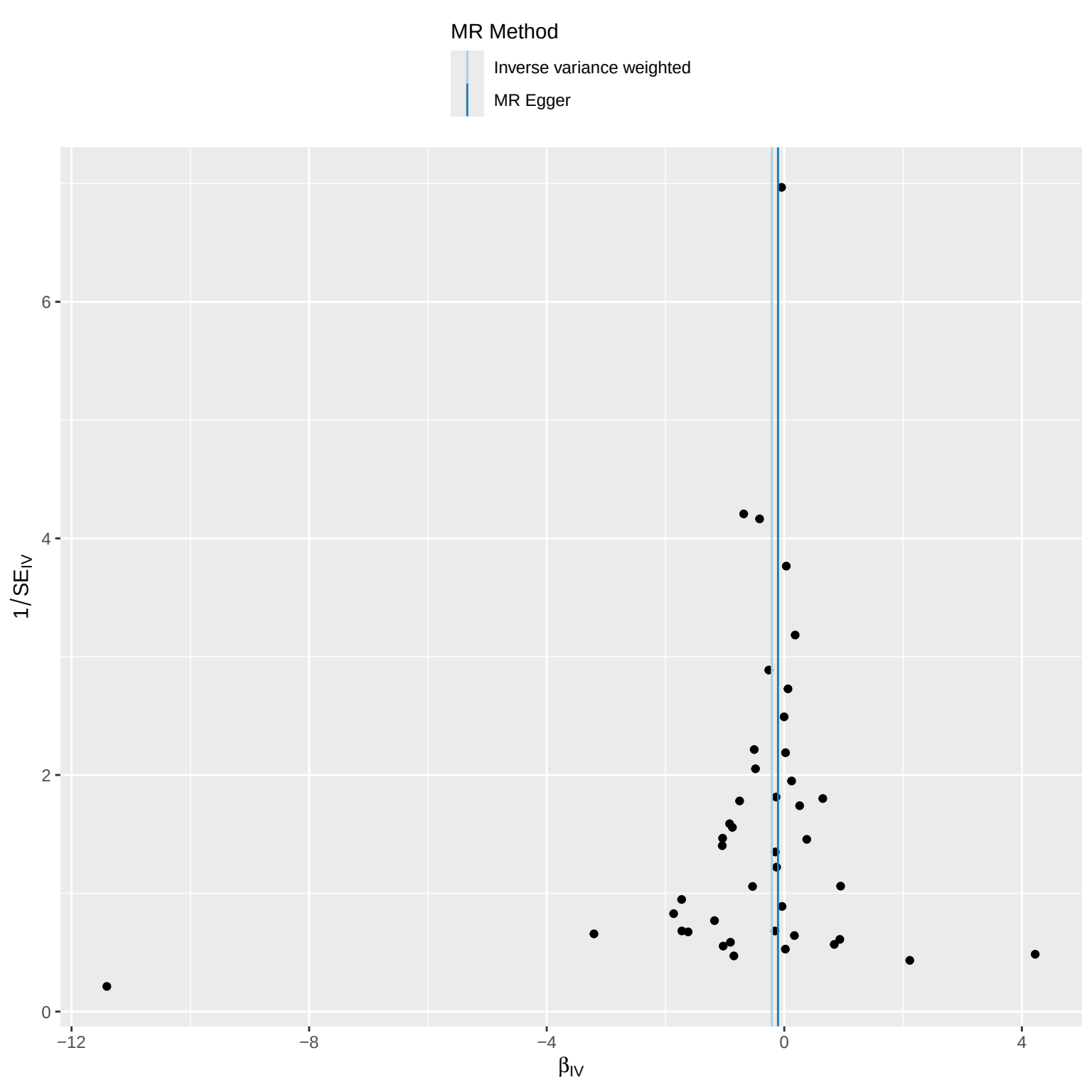

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

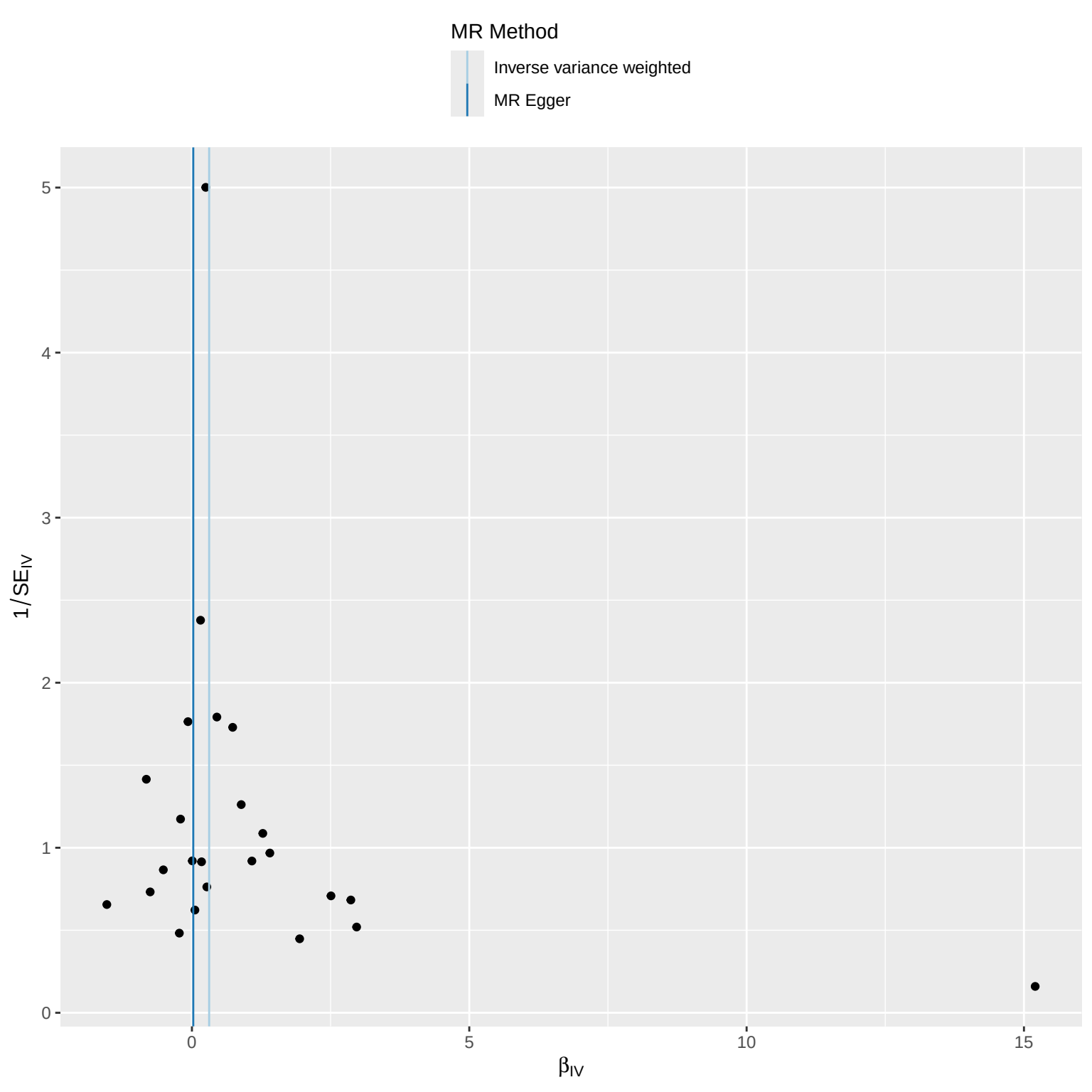

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

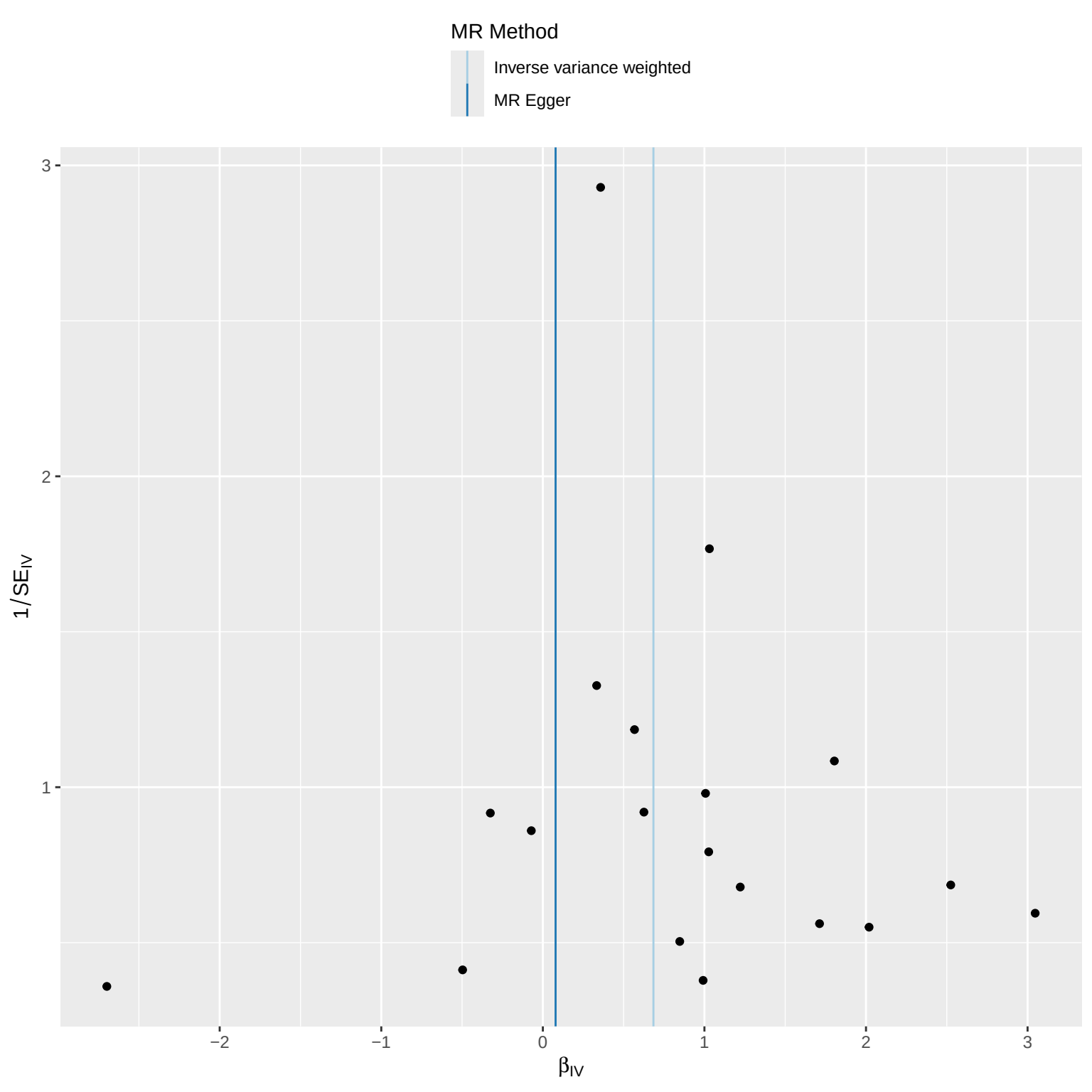

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

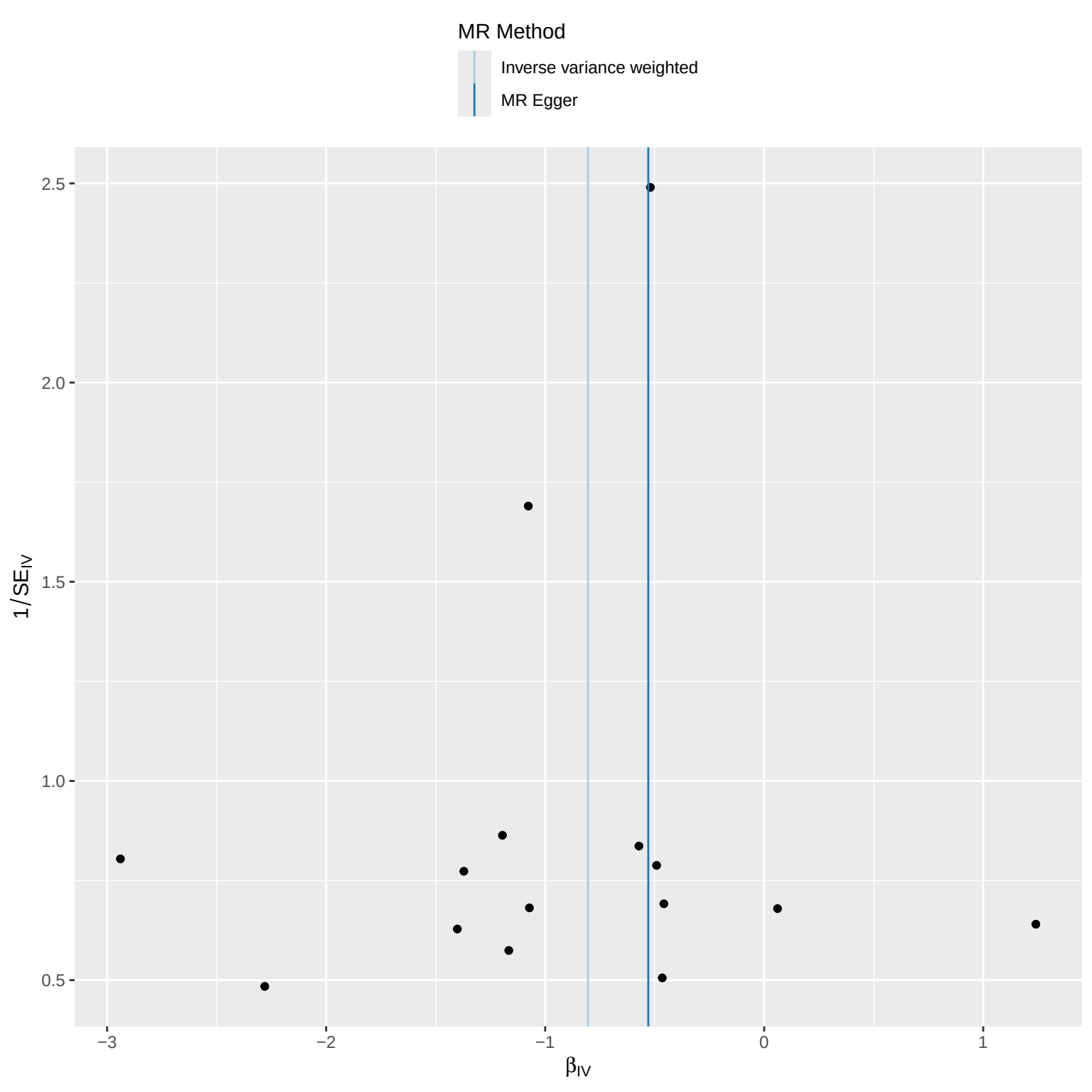

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

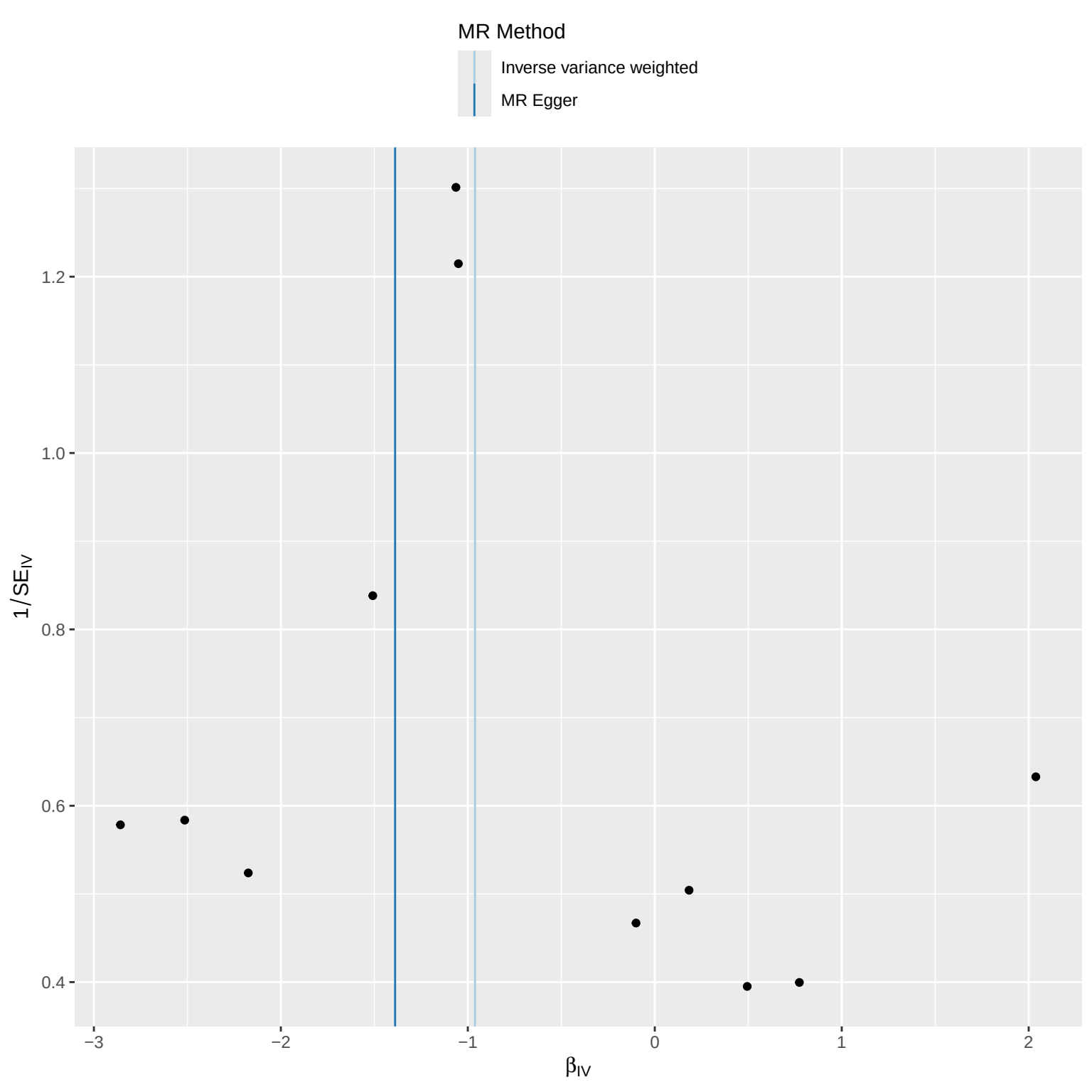

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−3
−2
−1
0
1
2
β_{IV}

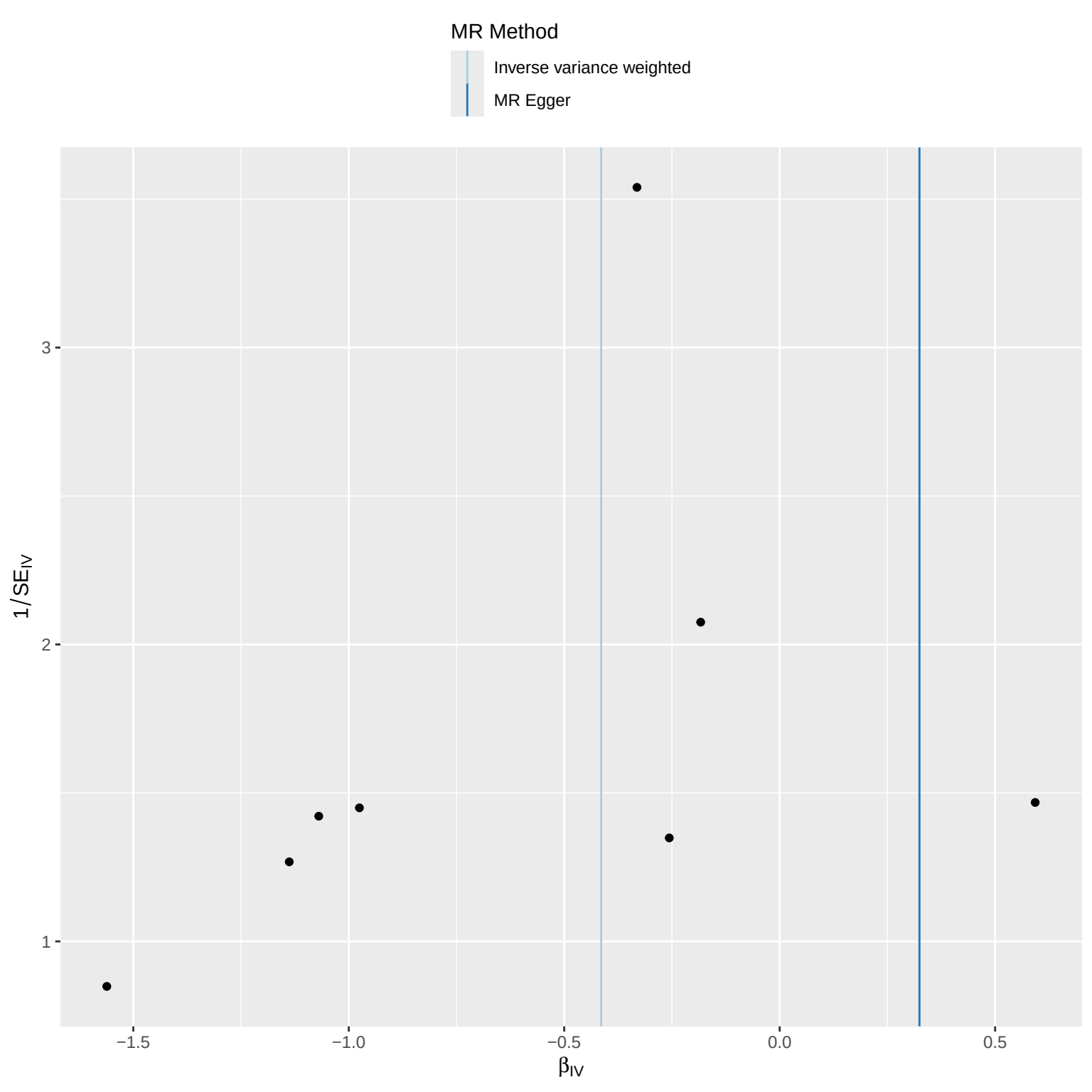

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−12
−8
−4
0
4
β_IV

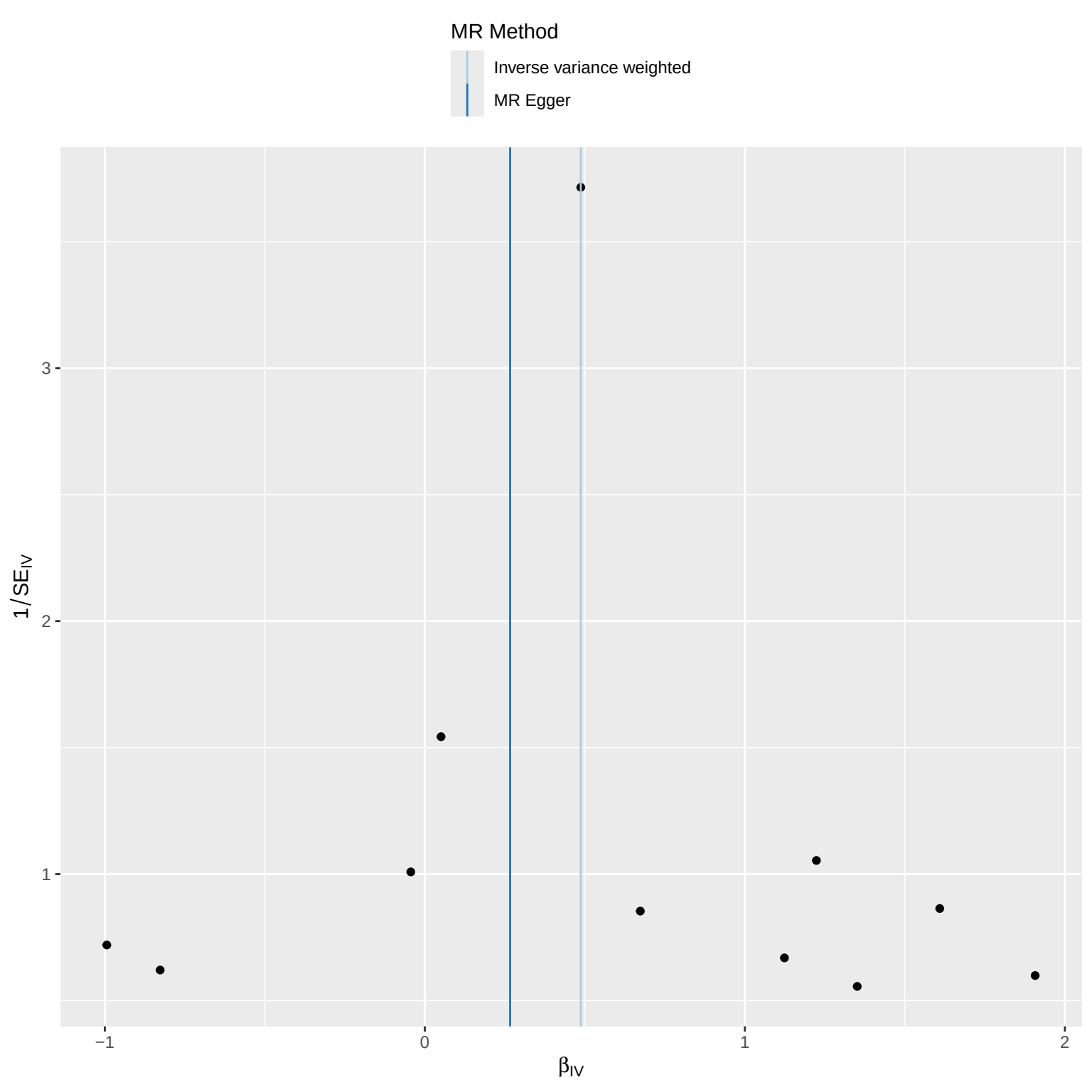

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
0
5
10
15
β_IV

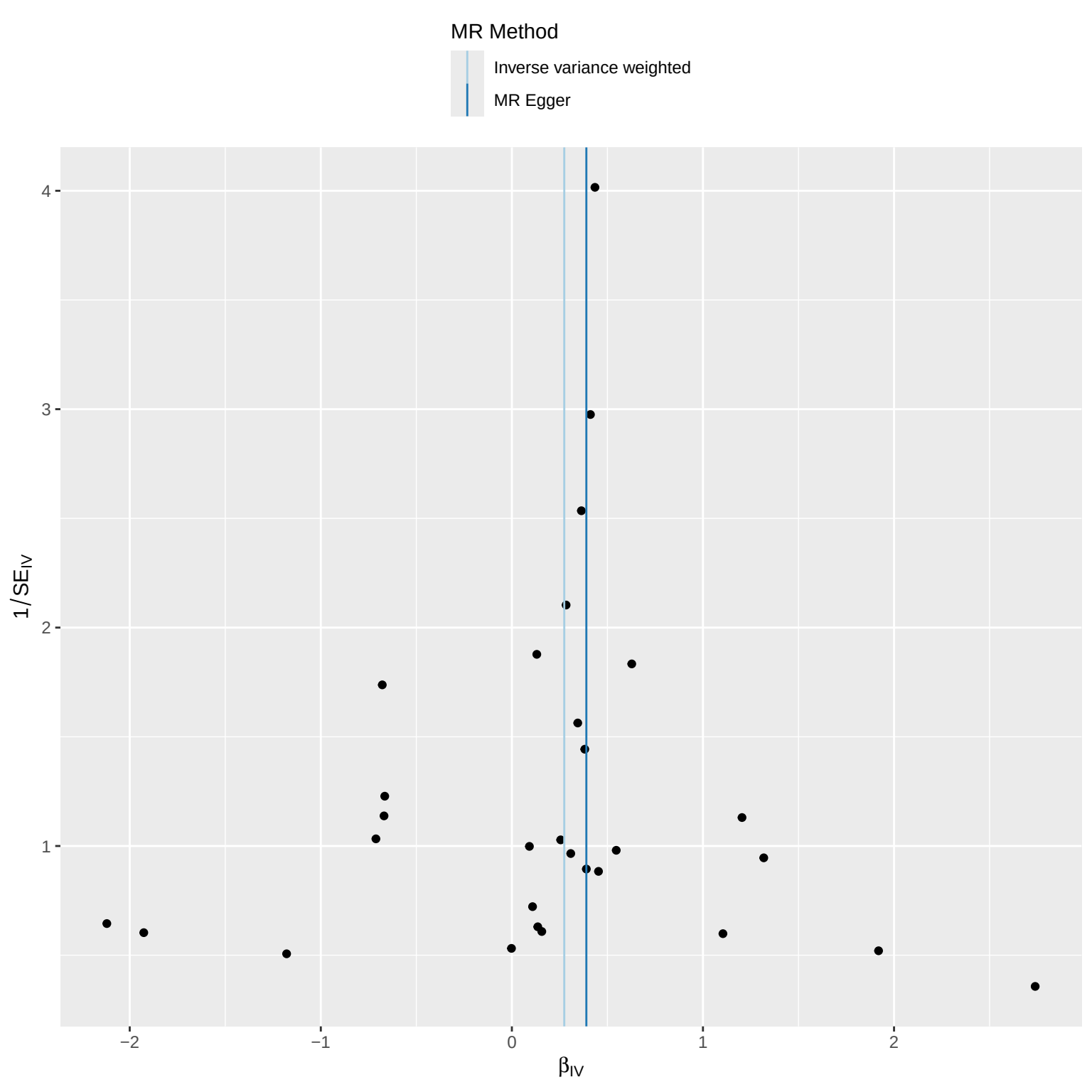

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

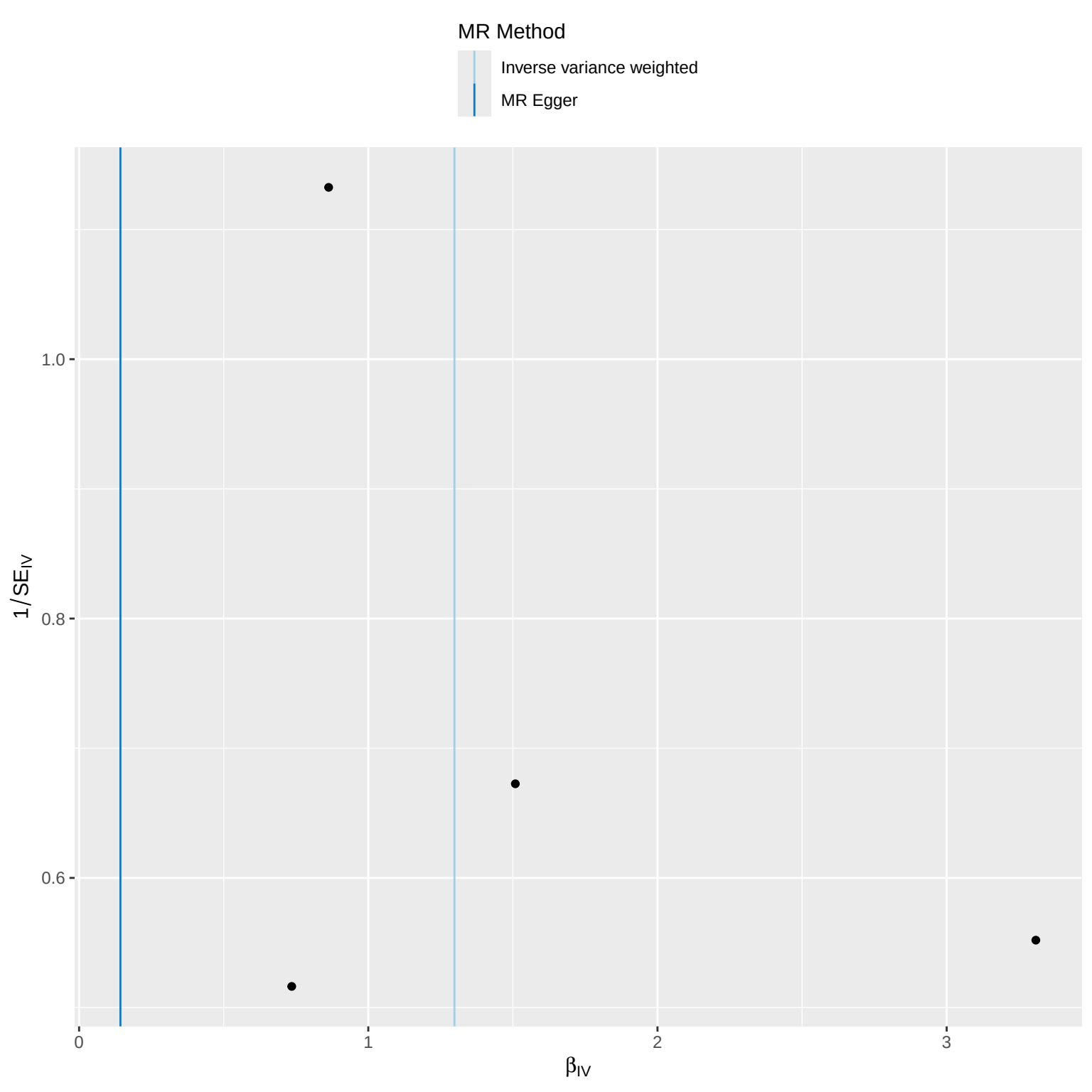

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

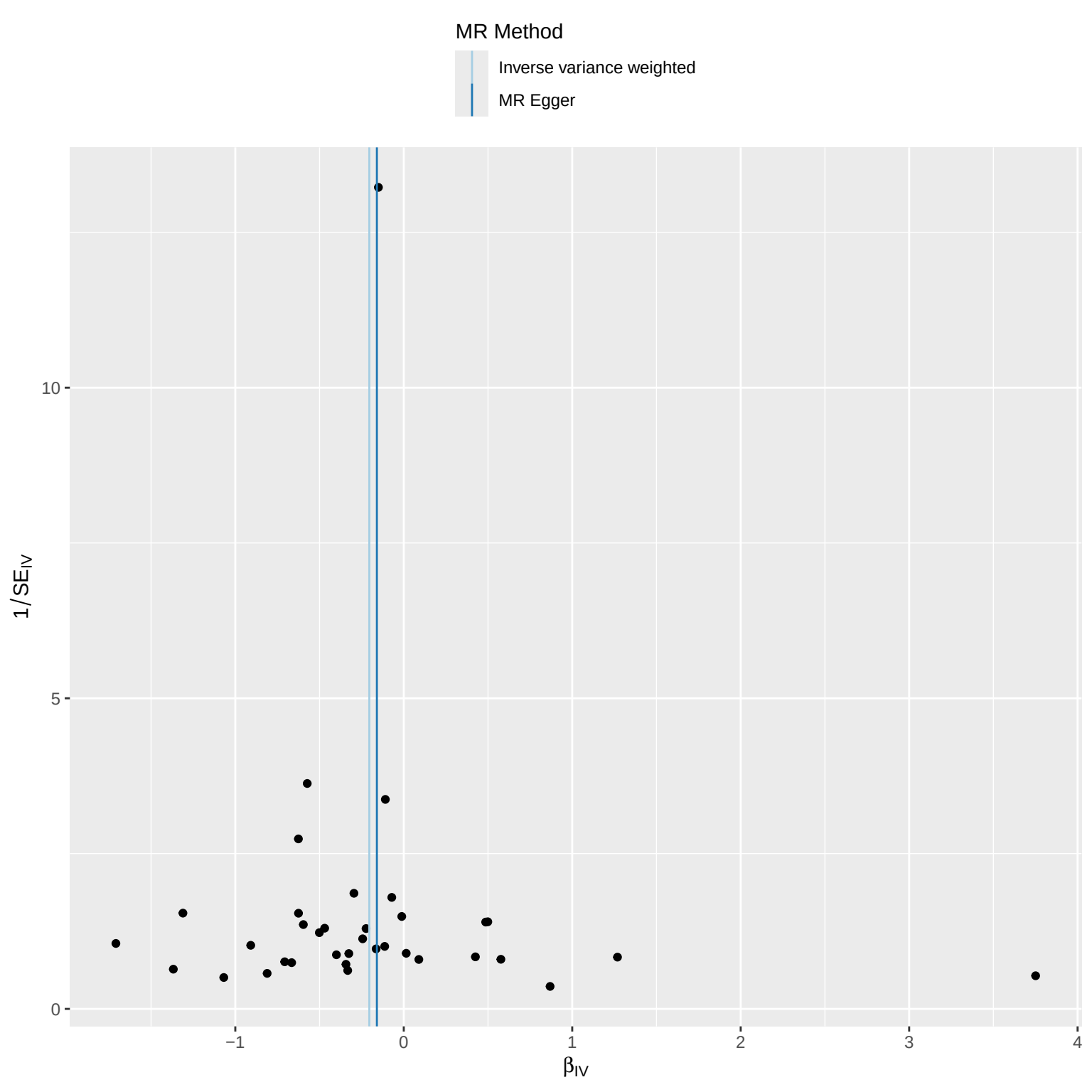

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
2
β_IV

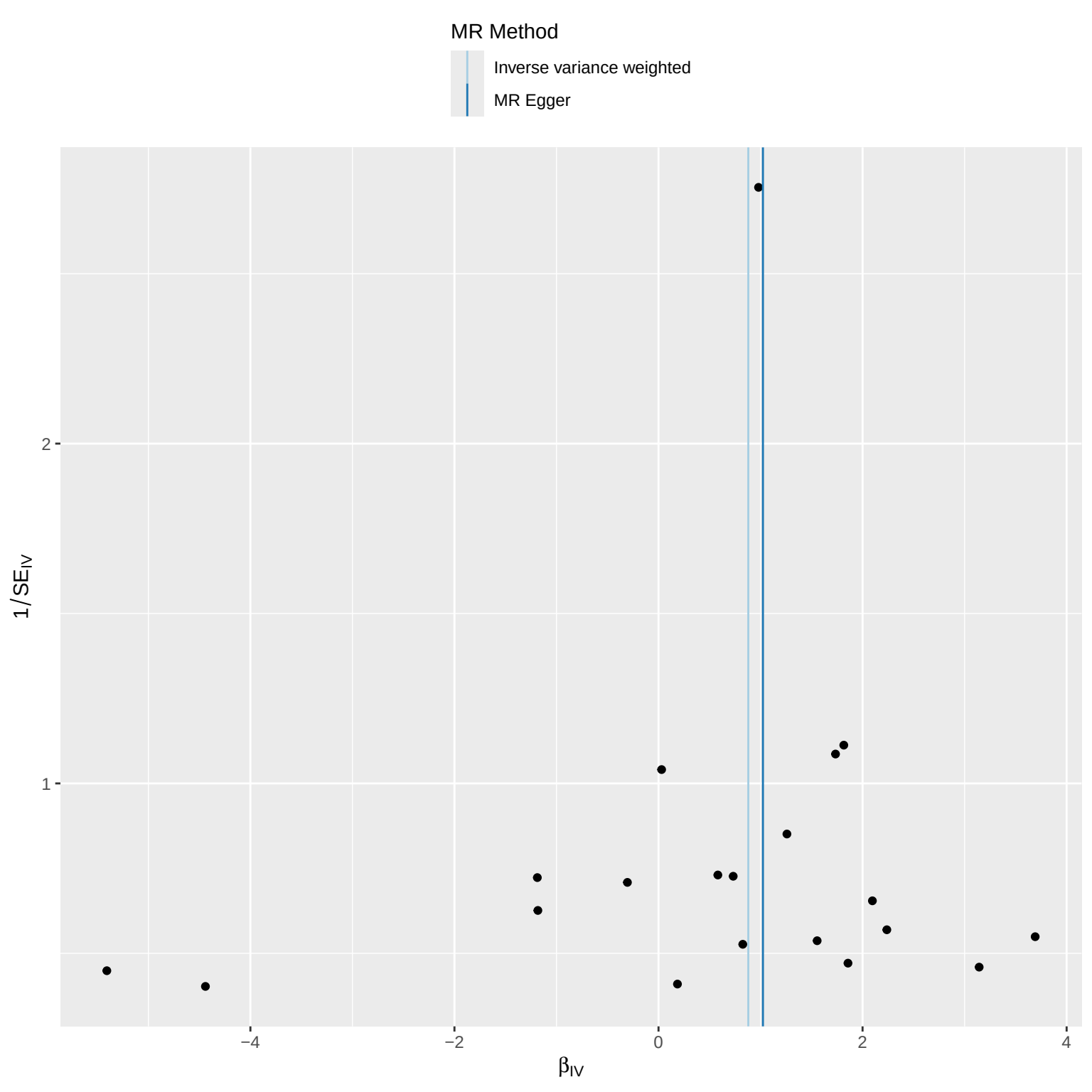

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

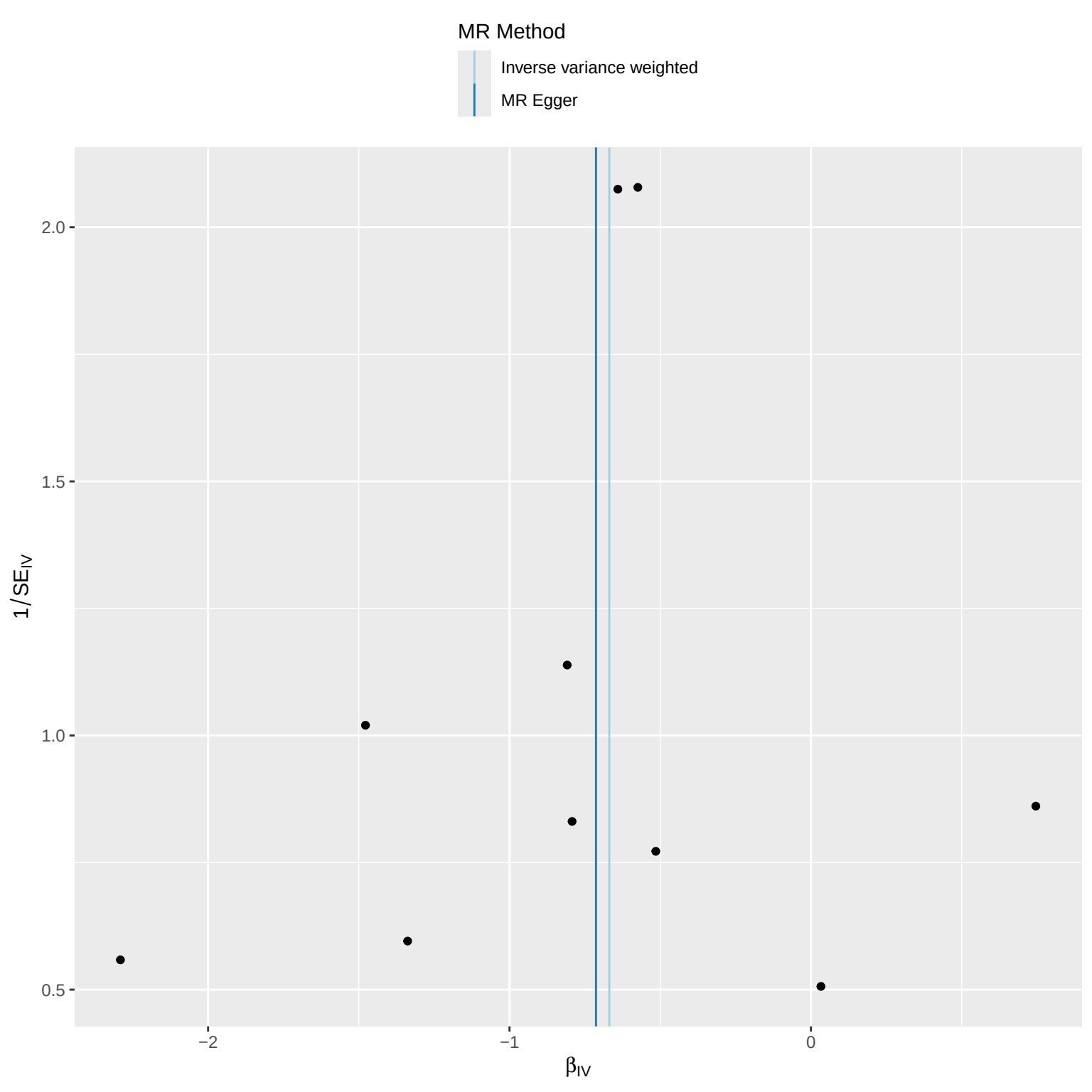

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

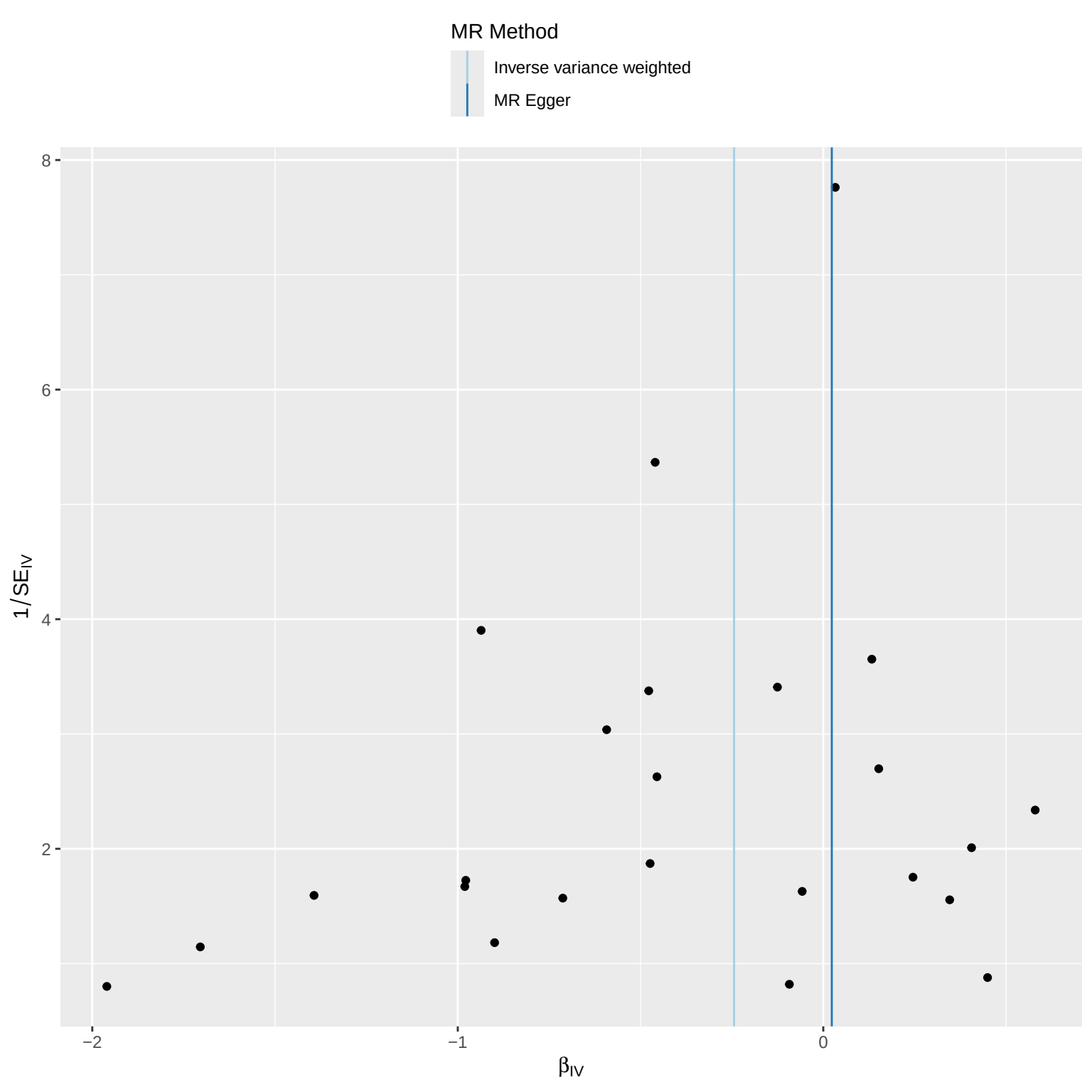

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

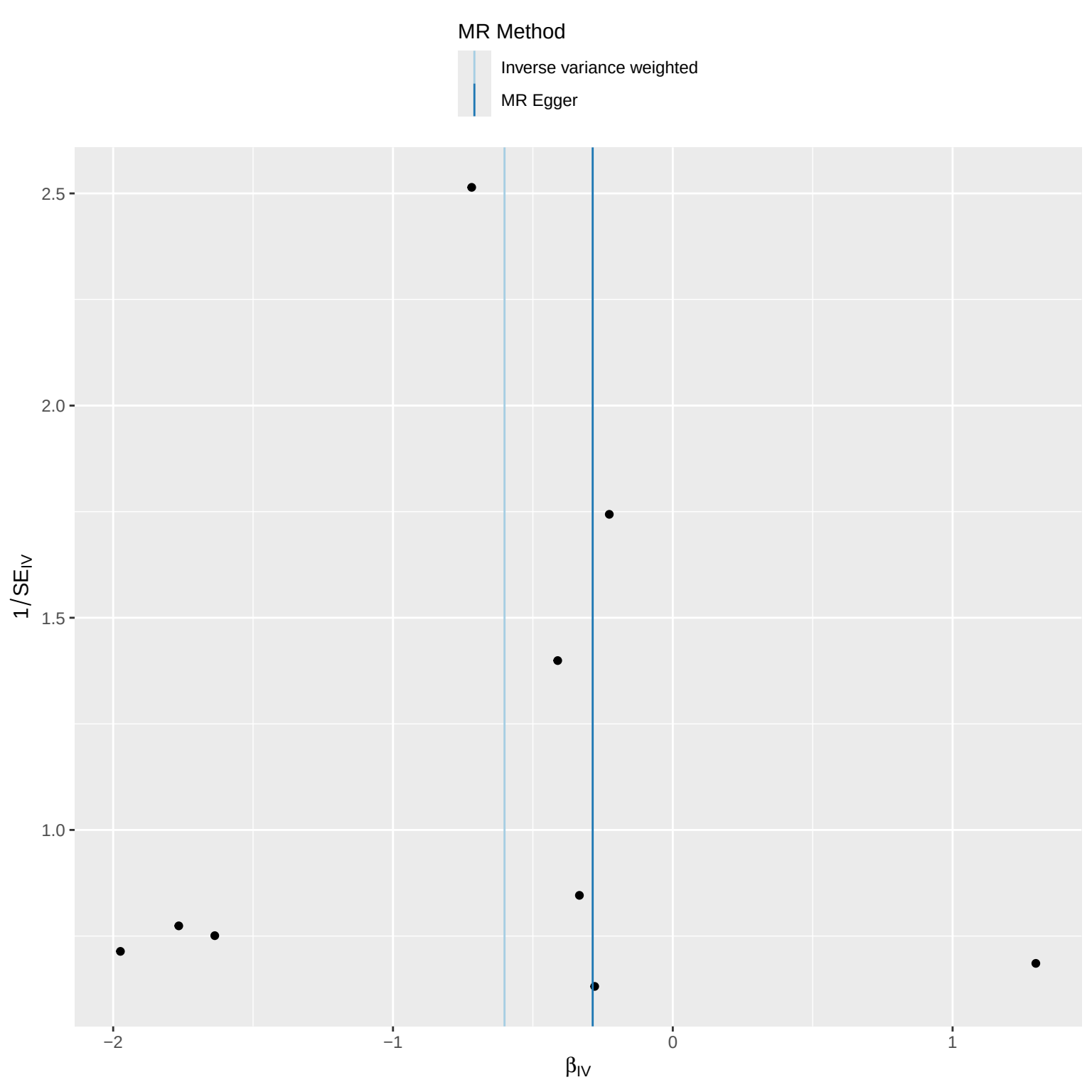

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

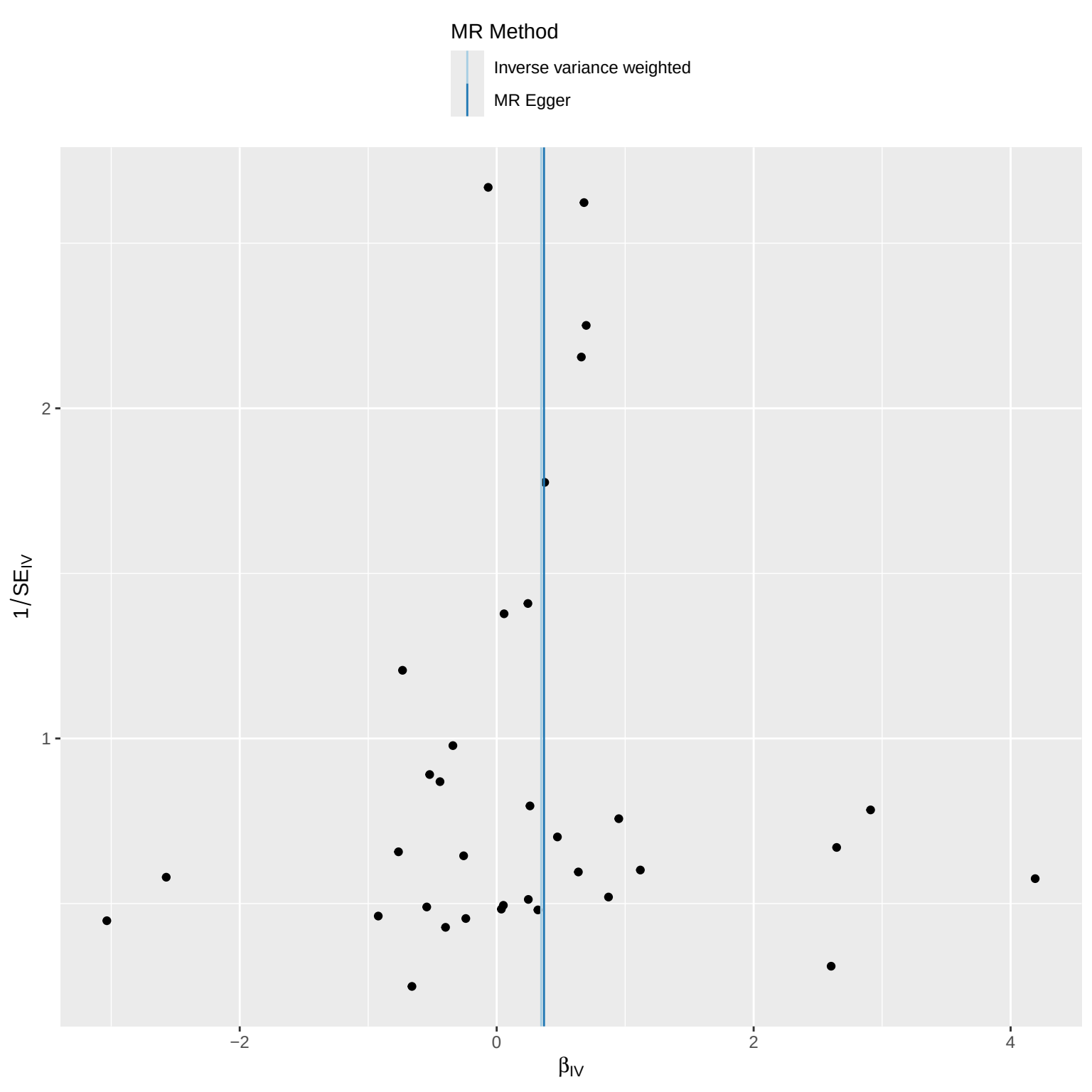

MR Method
Inverse variance weighted
MR Egger
10
5
0
1/SE_IV
−1
0
1
2
3
4
β_IV

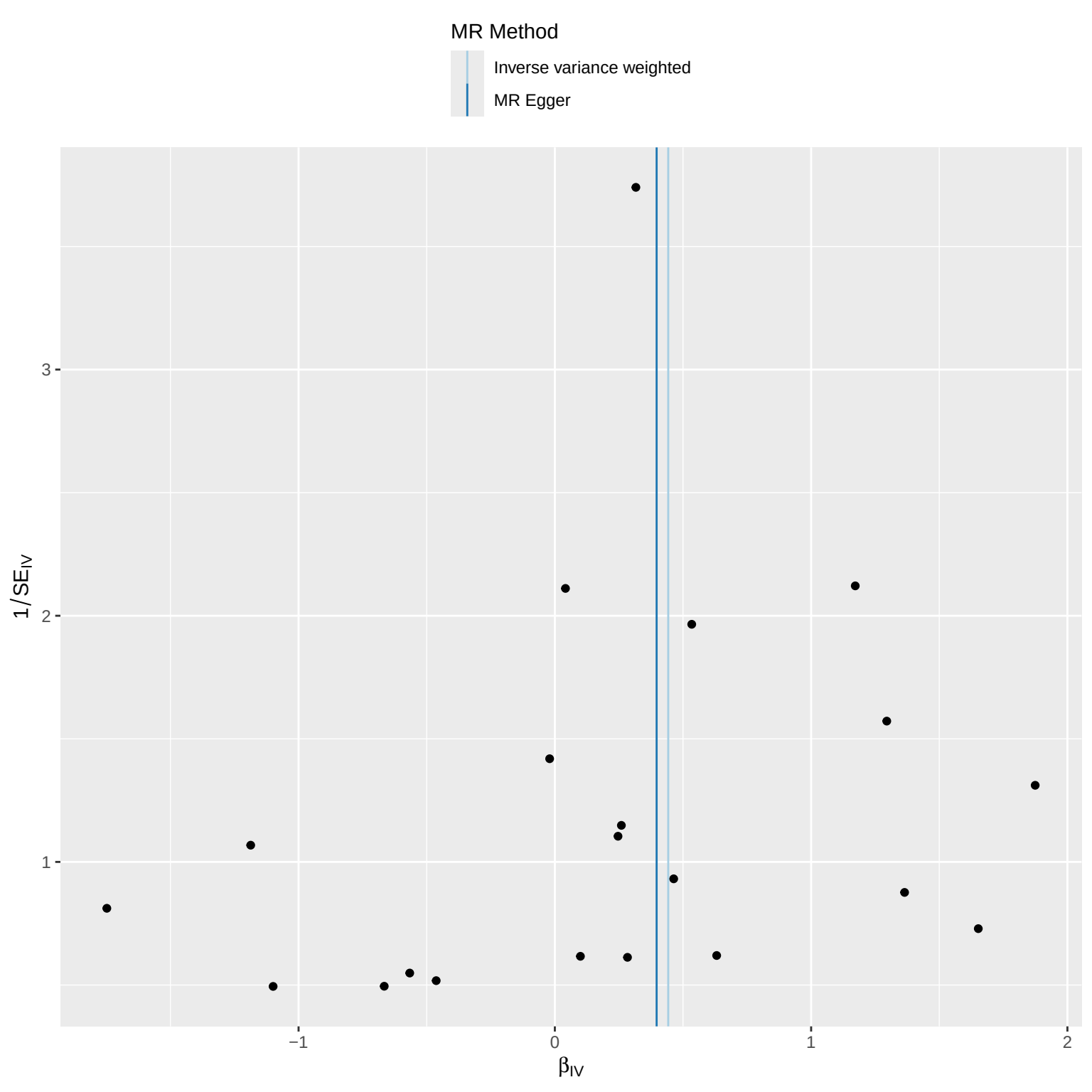

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

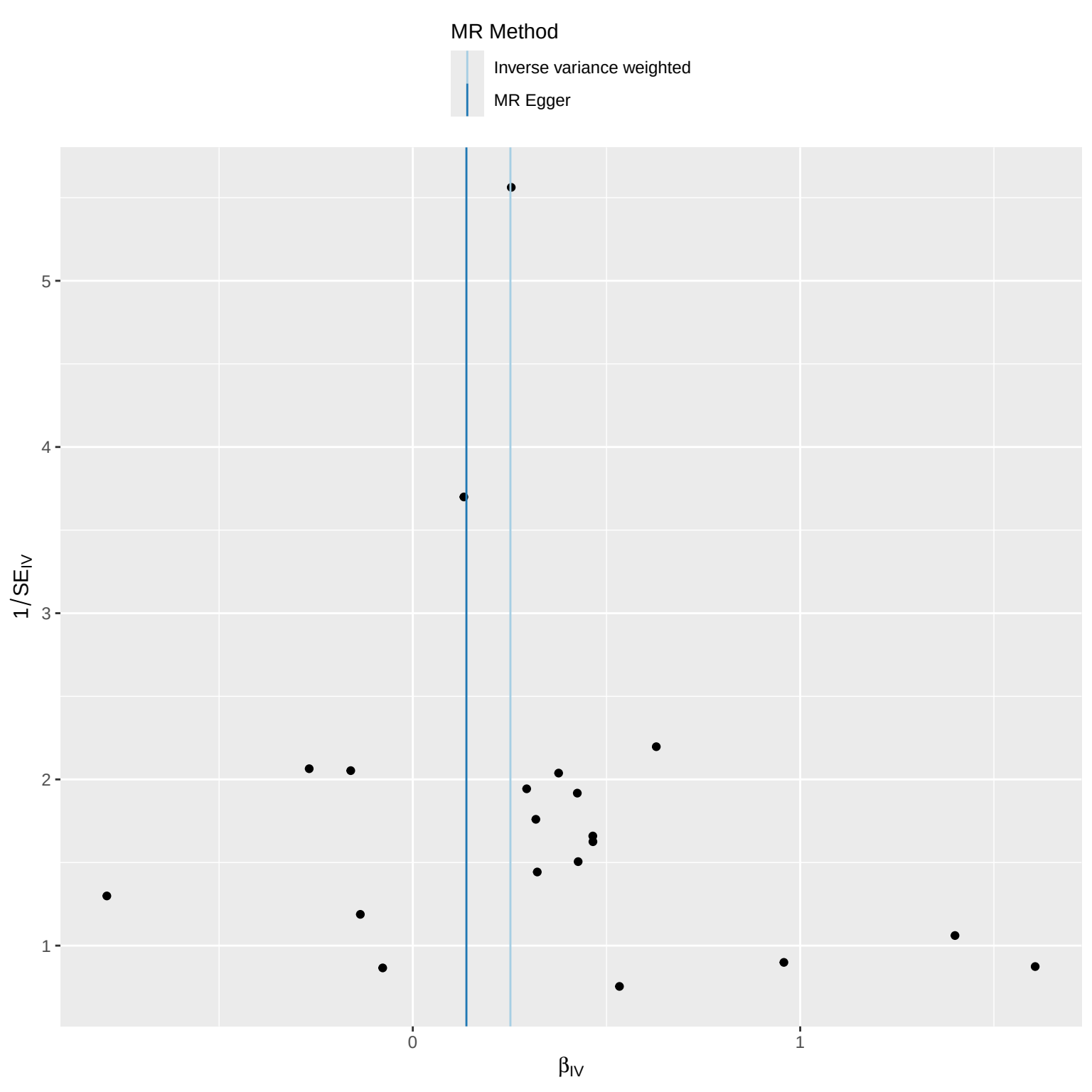

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

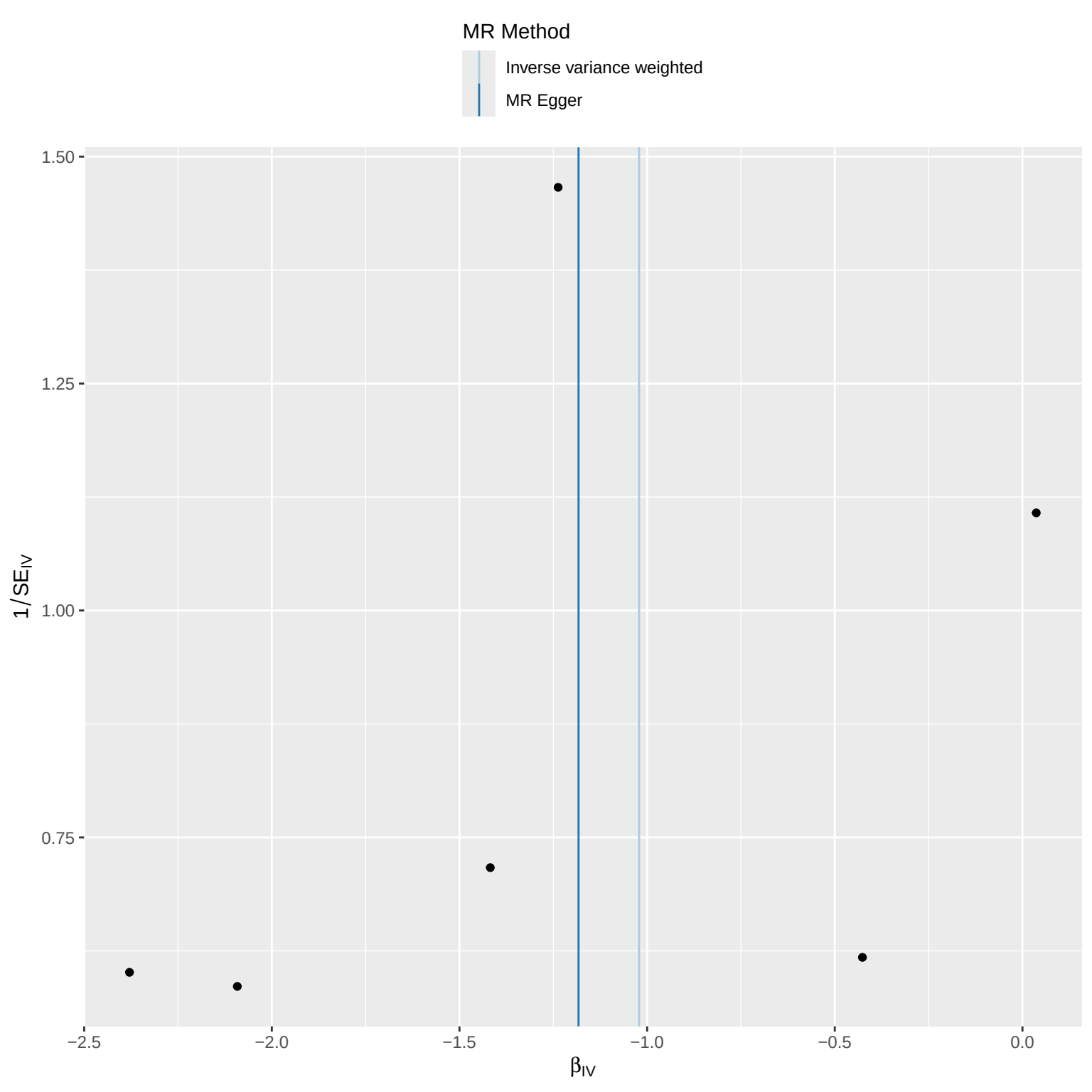

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
β_IV

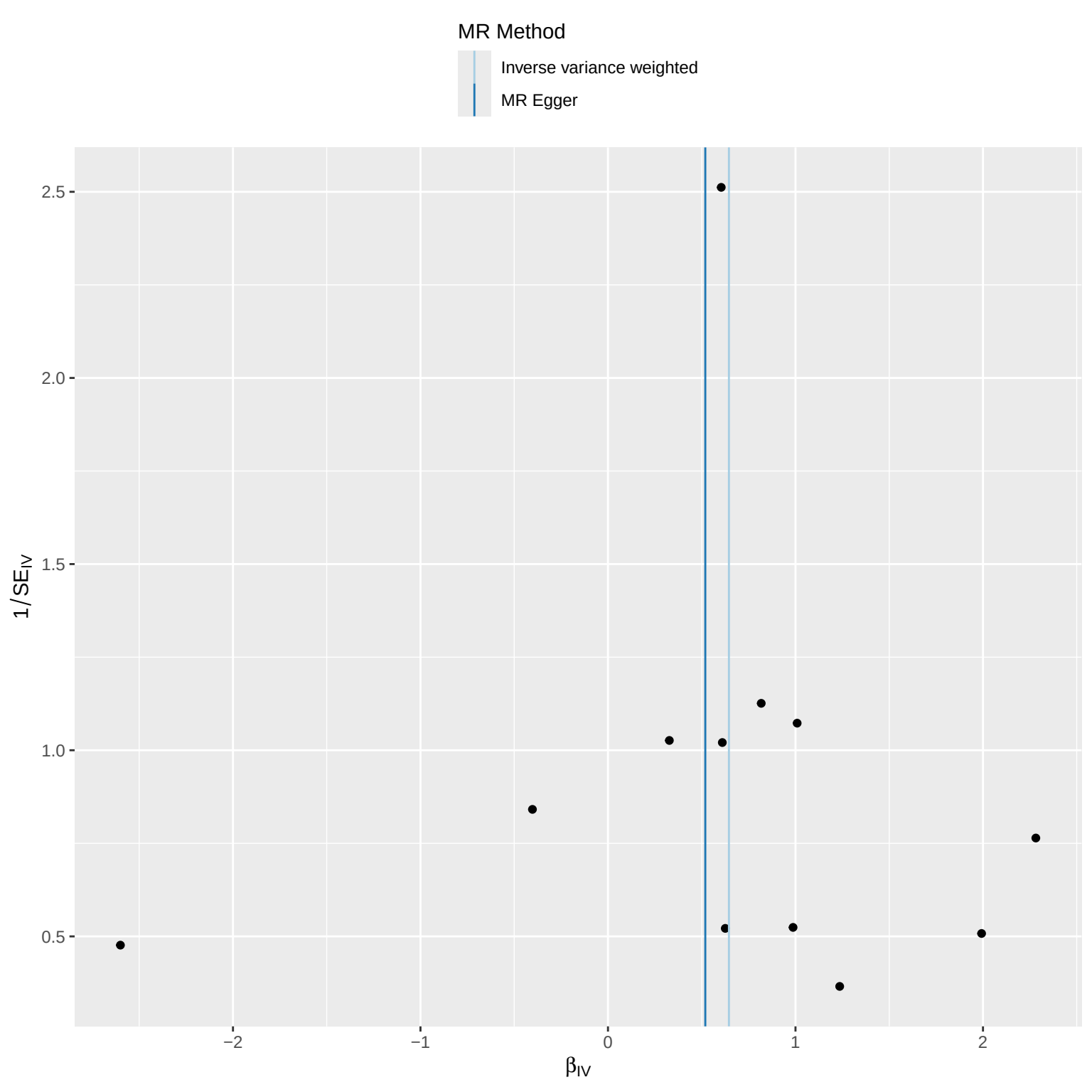

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

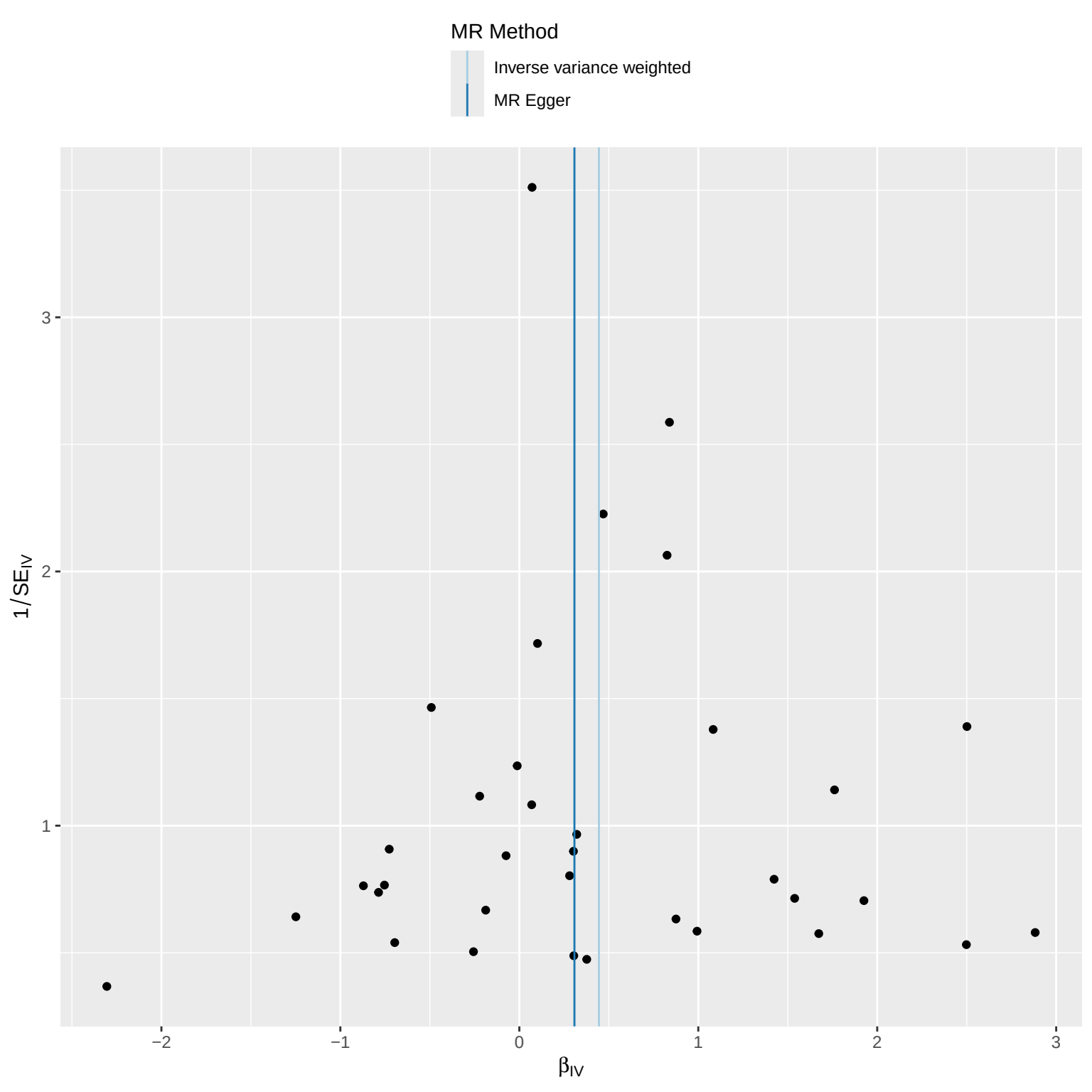

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

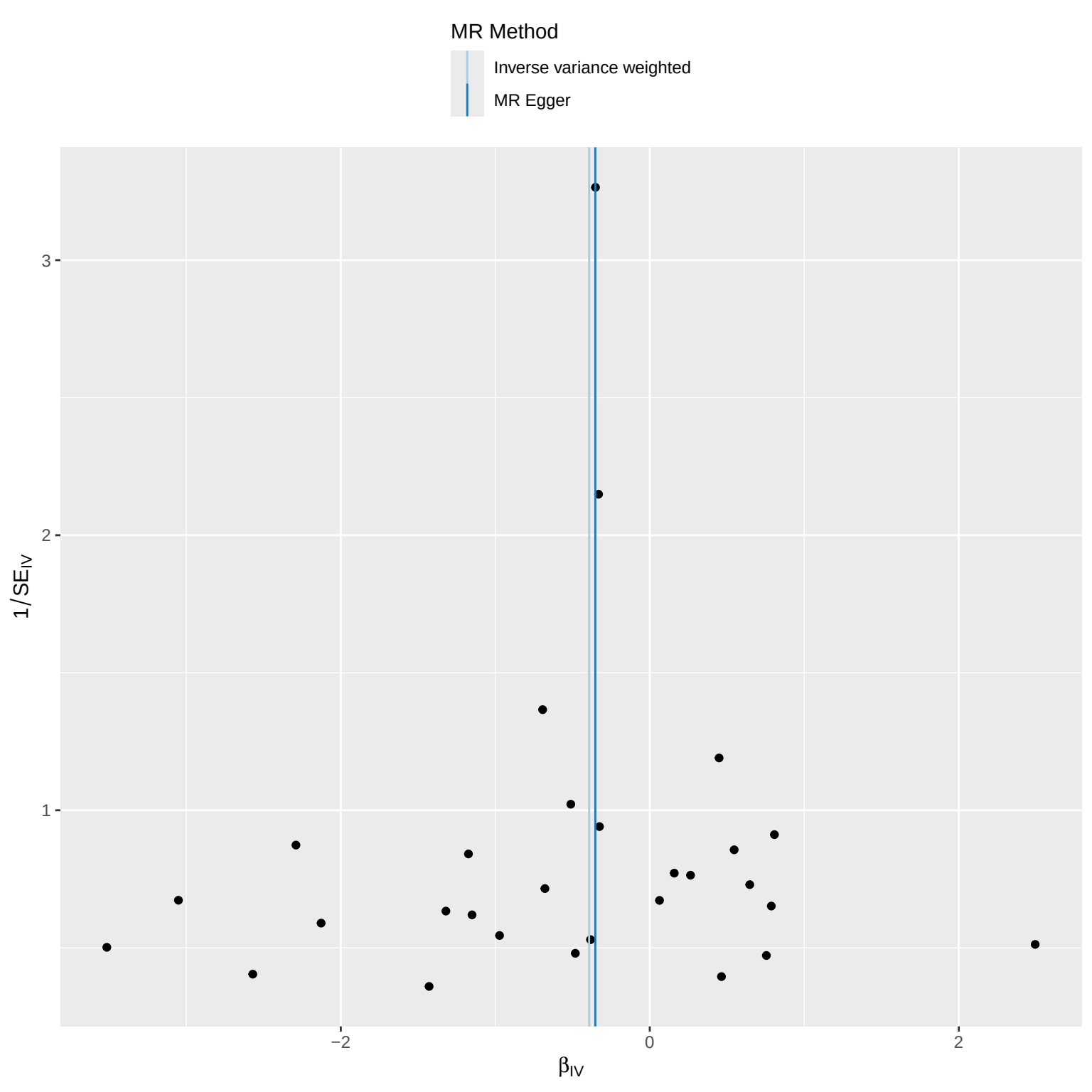

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

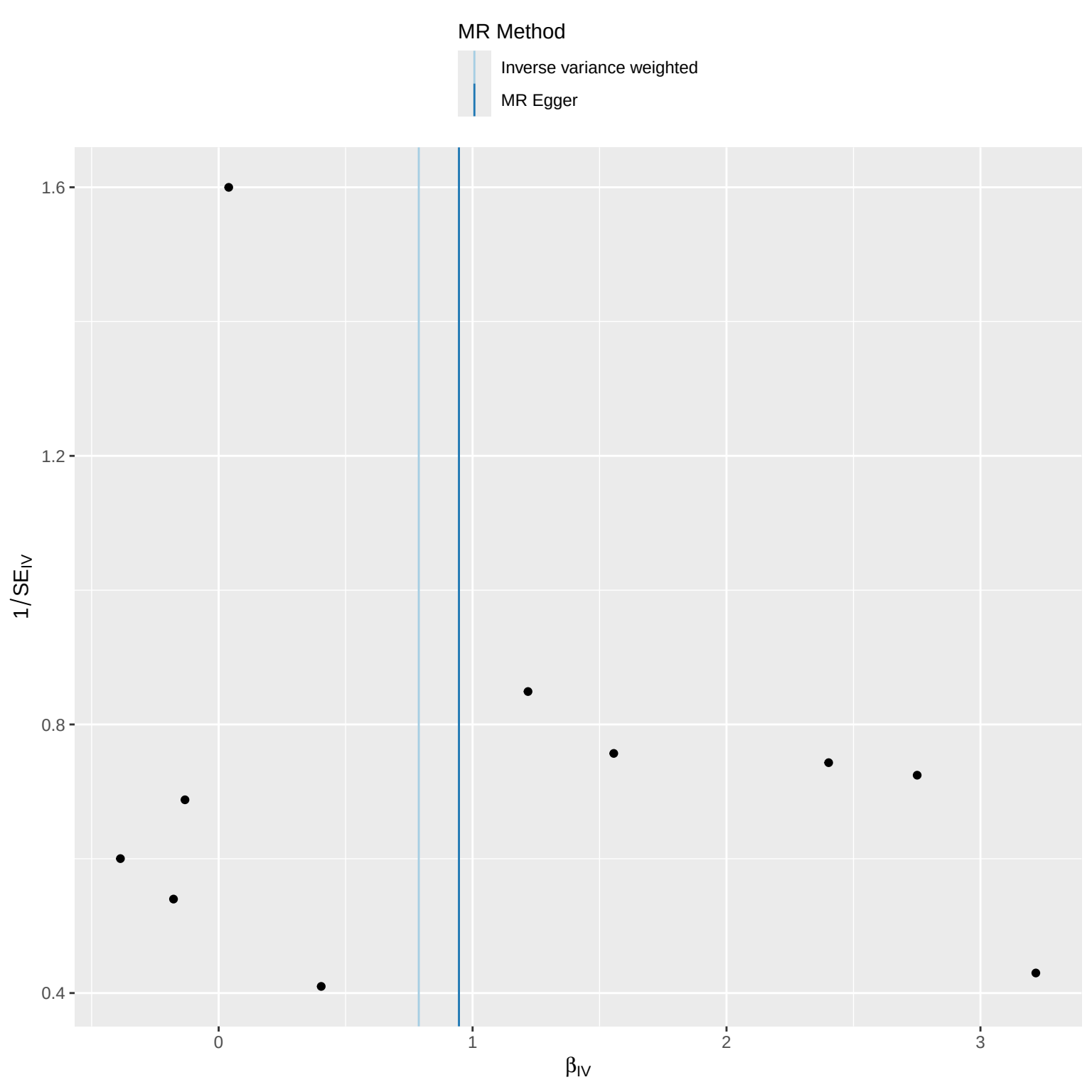

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
1
β_IV

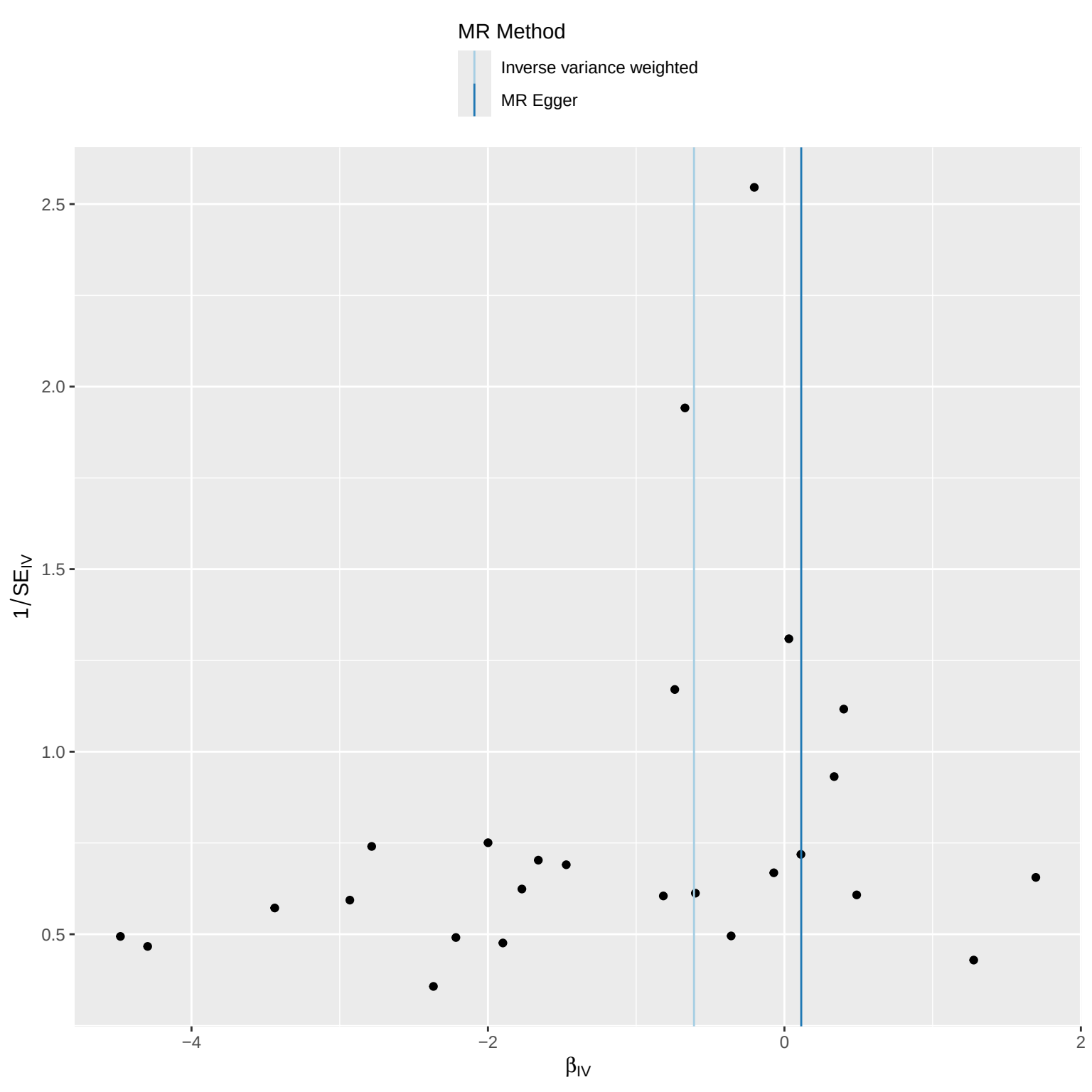

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

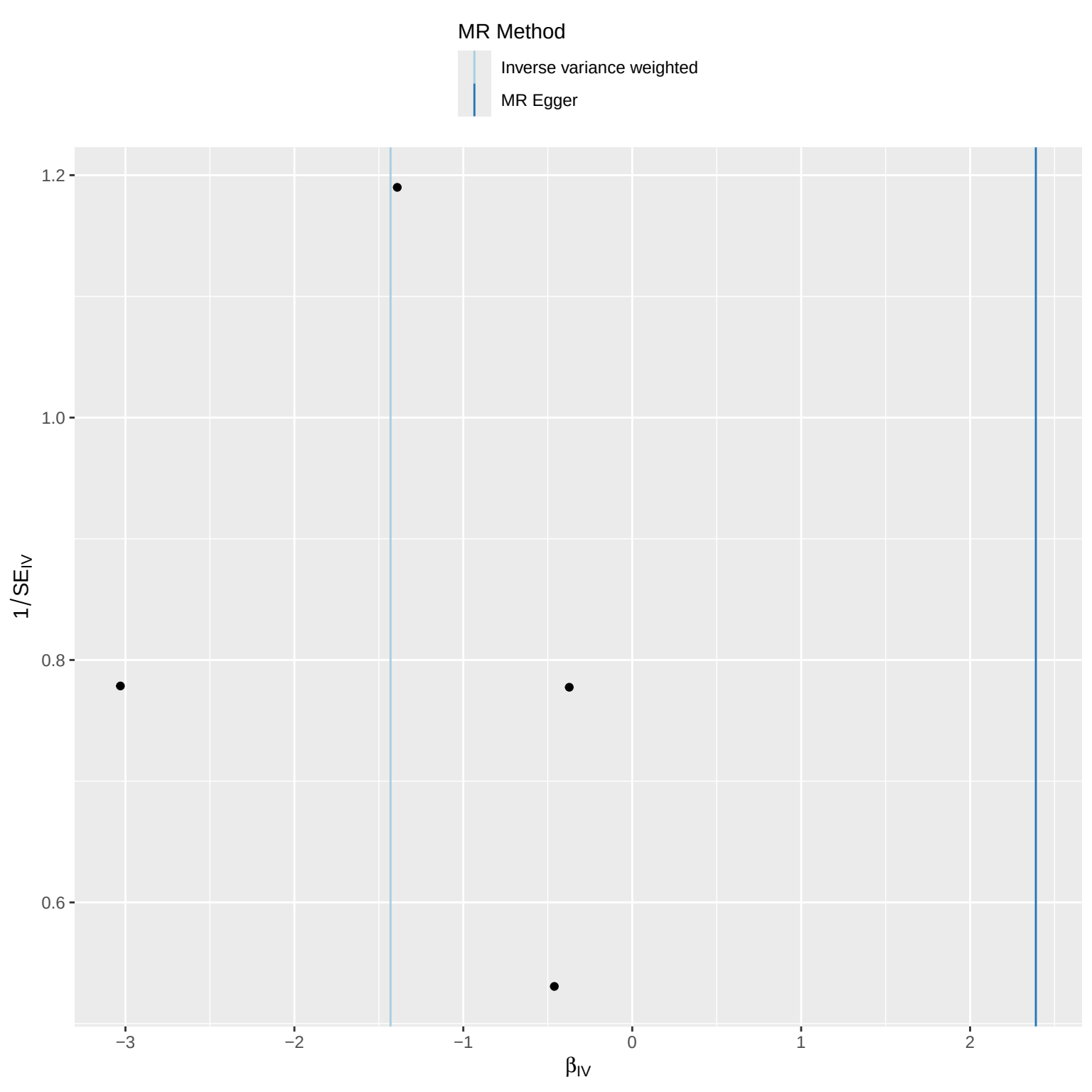

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

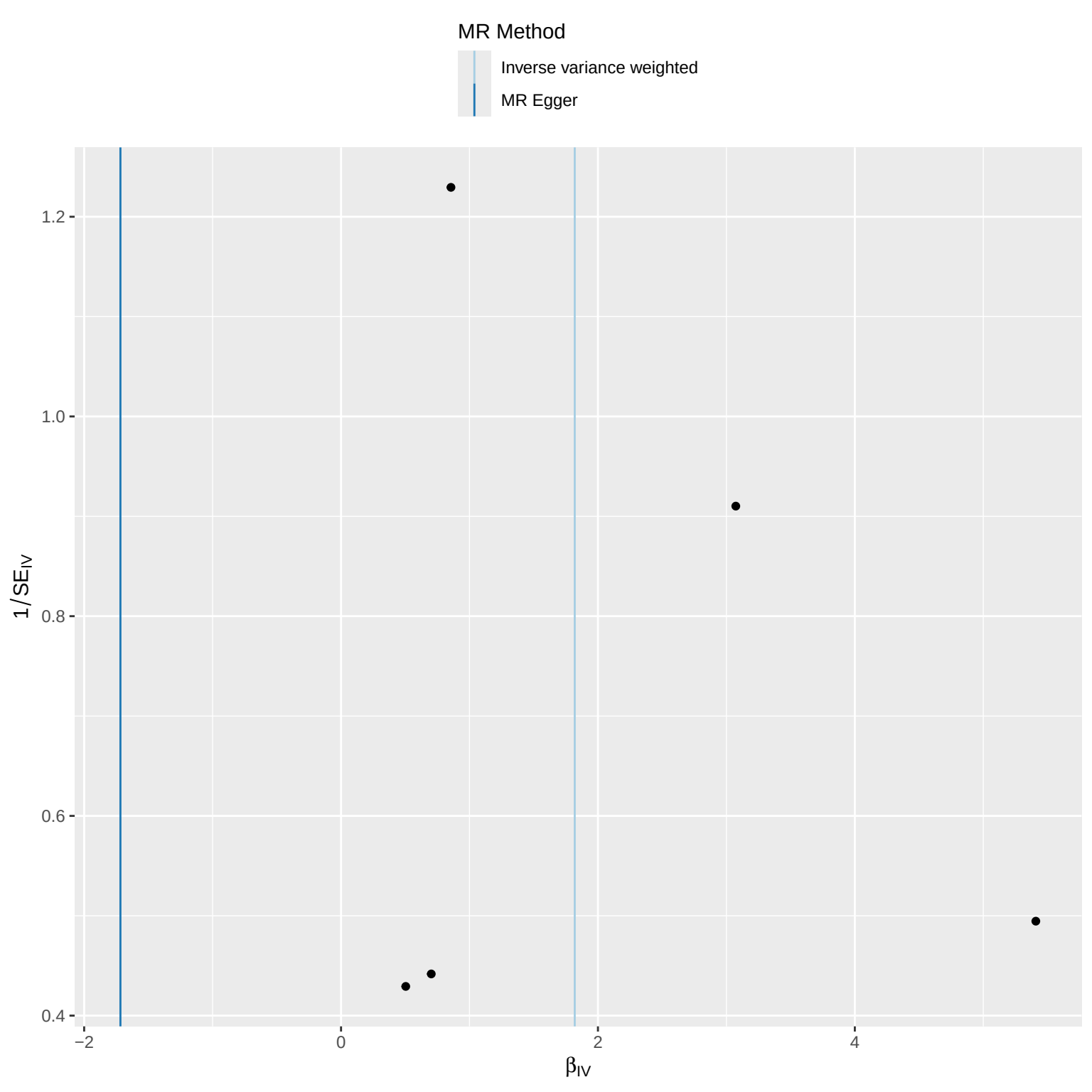

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−2
−1
0
1
2
3
β_IV

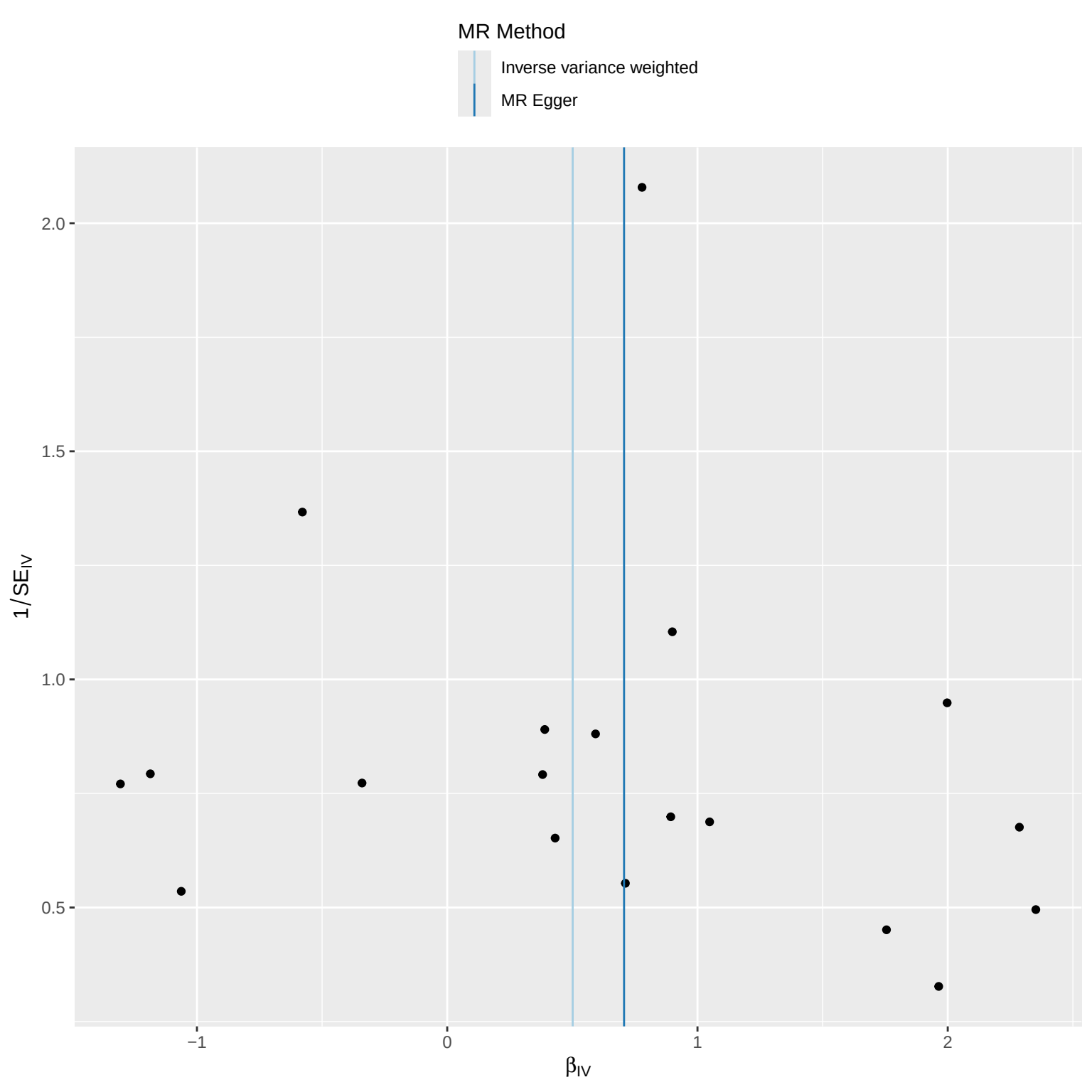

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

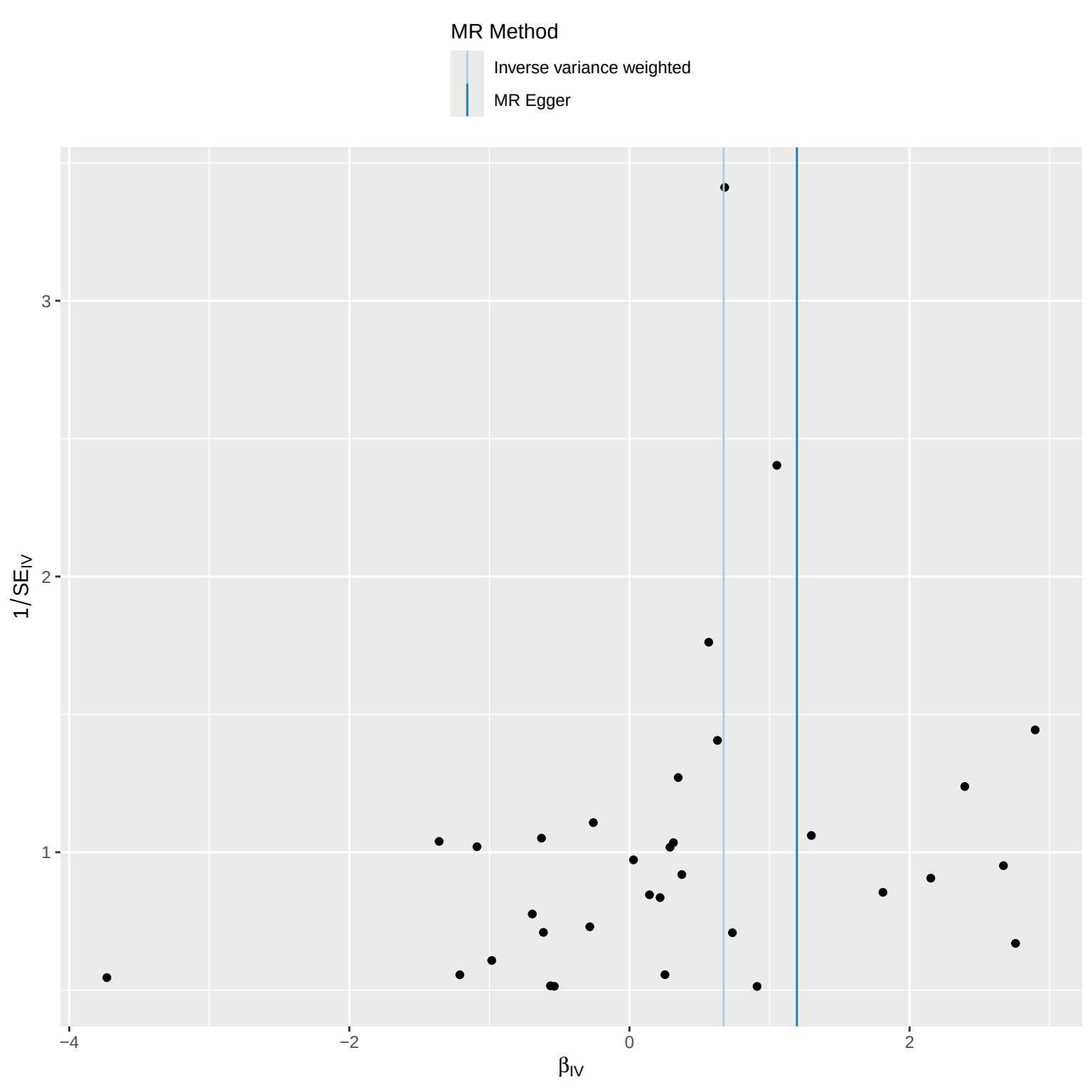

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
1
2
3
β_IV

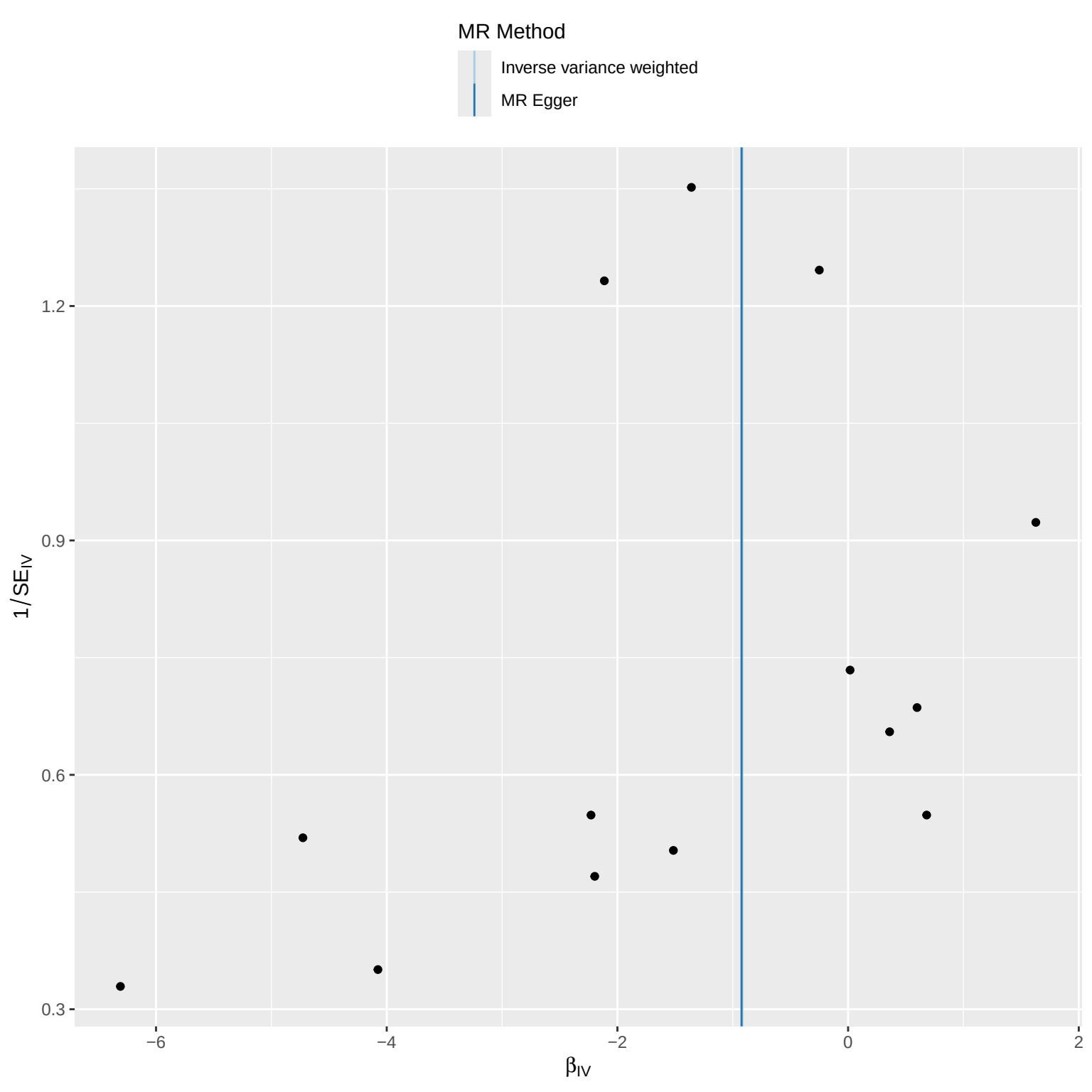

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

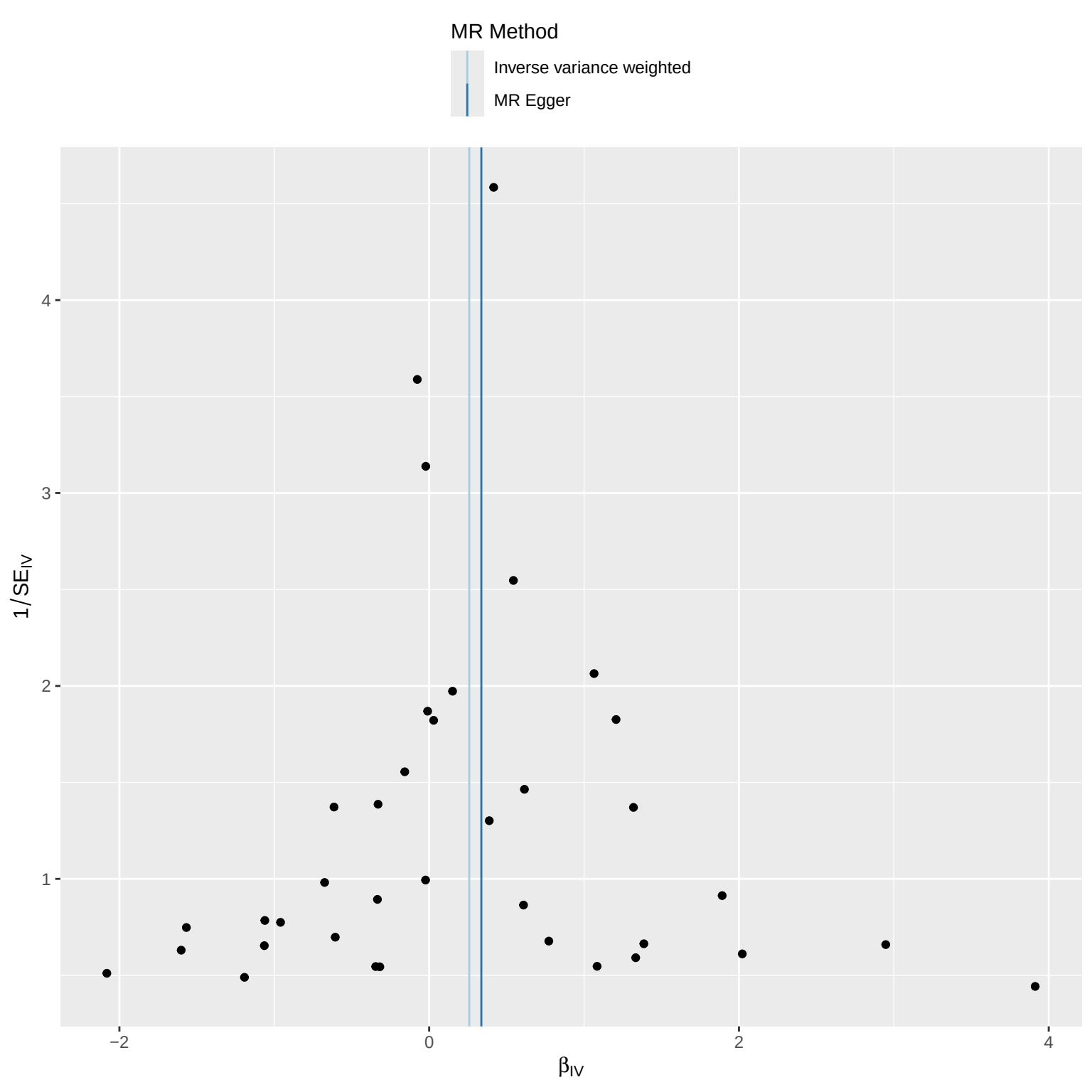

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
1
2
β_IV

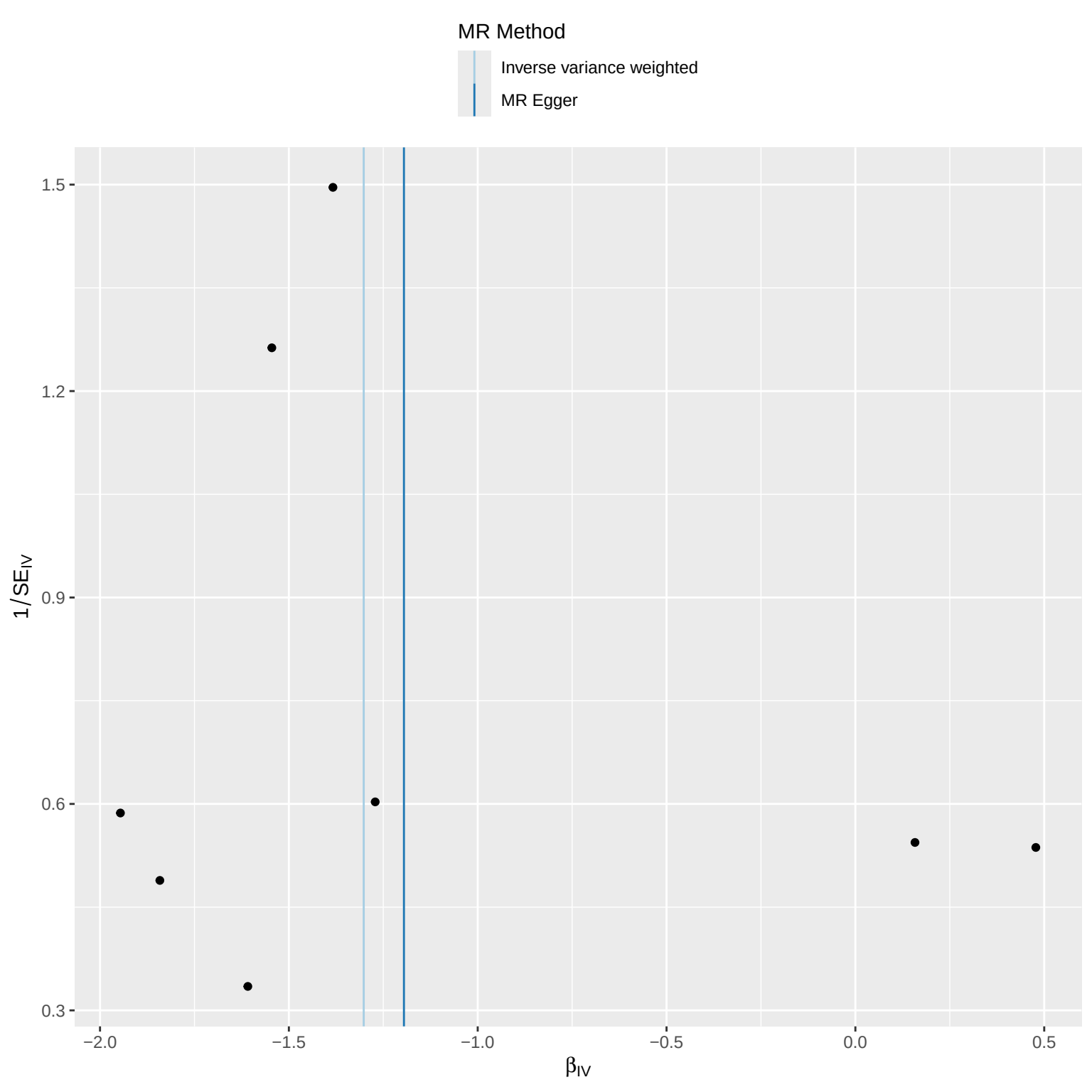

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
4
β_IV

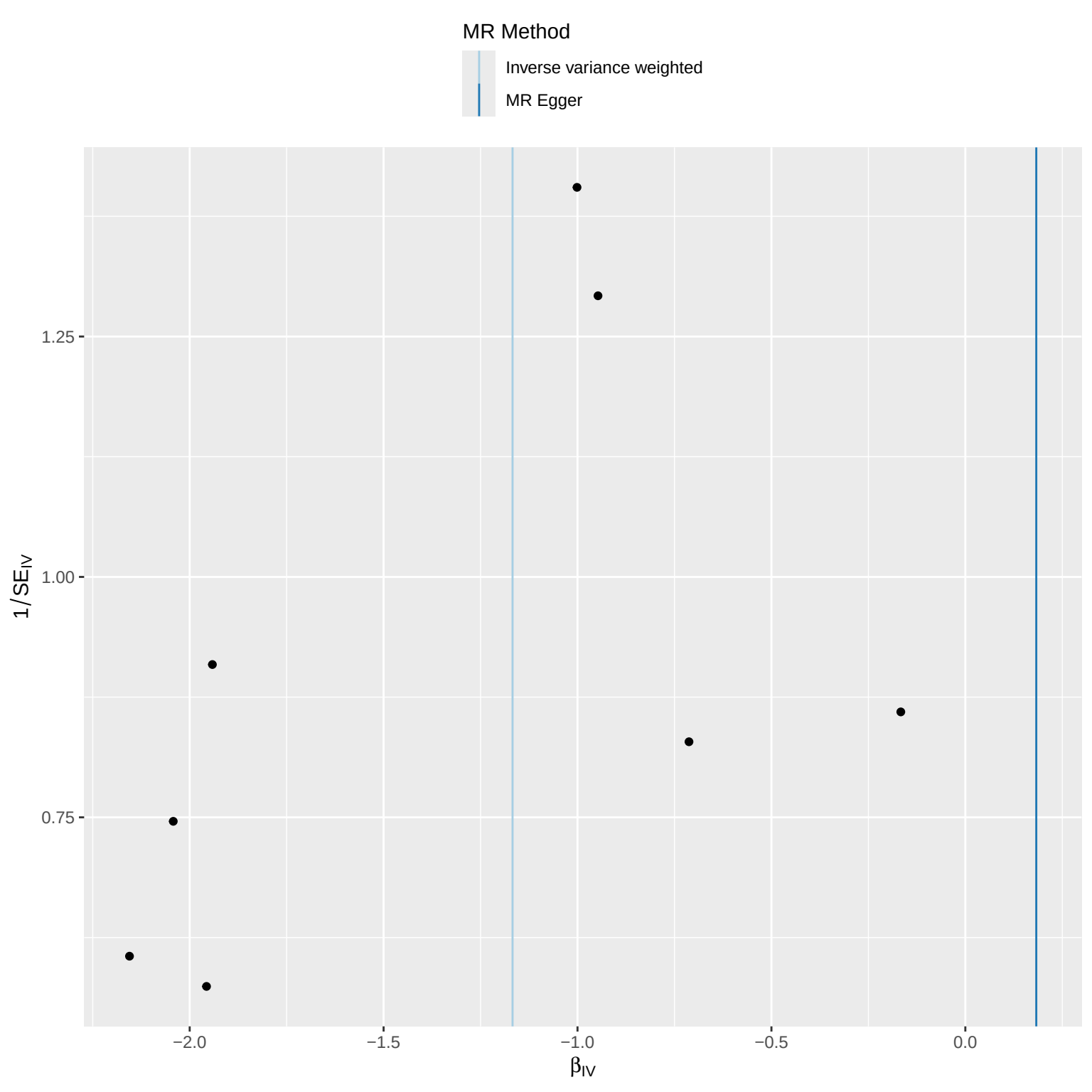

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

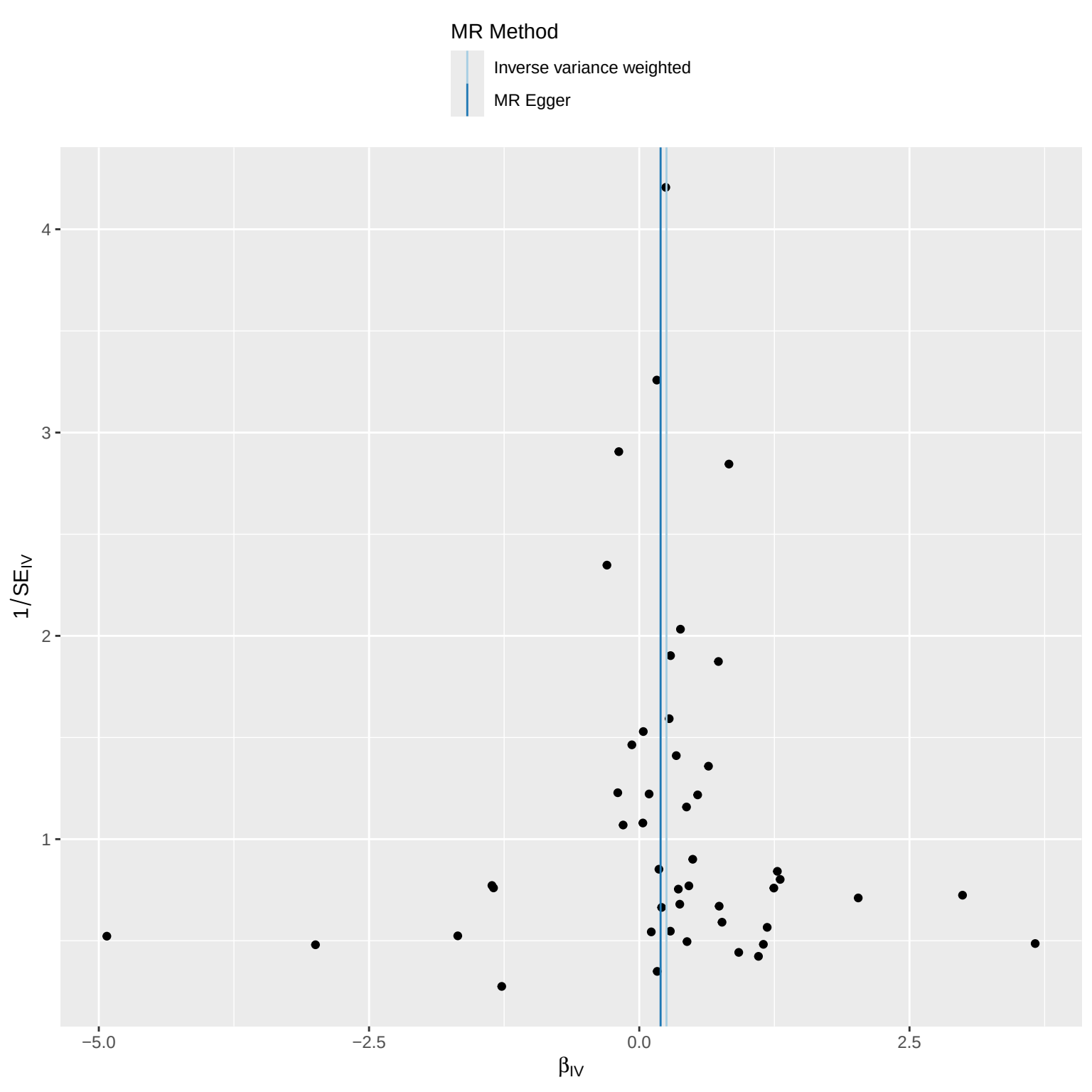

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

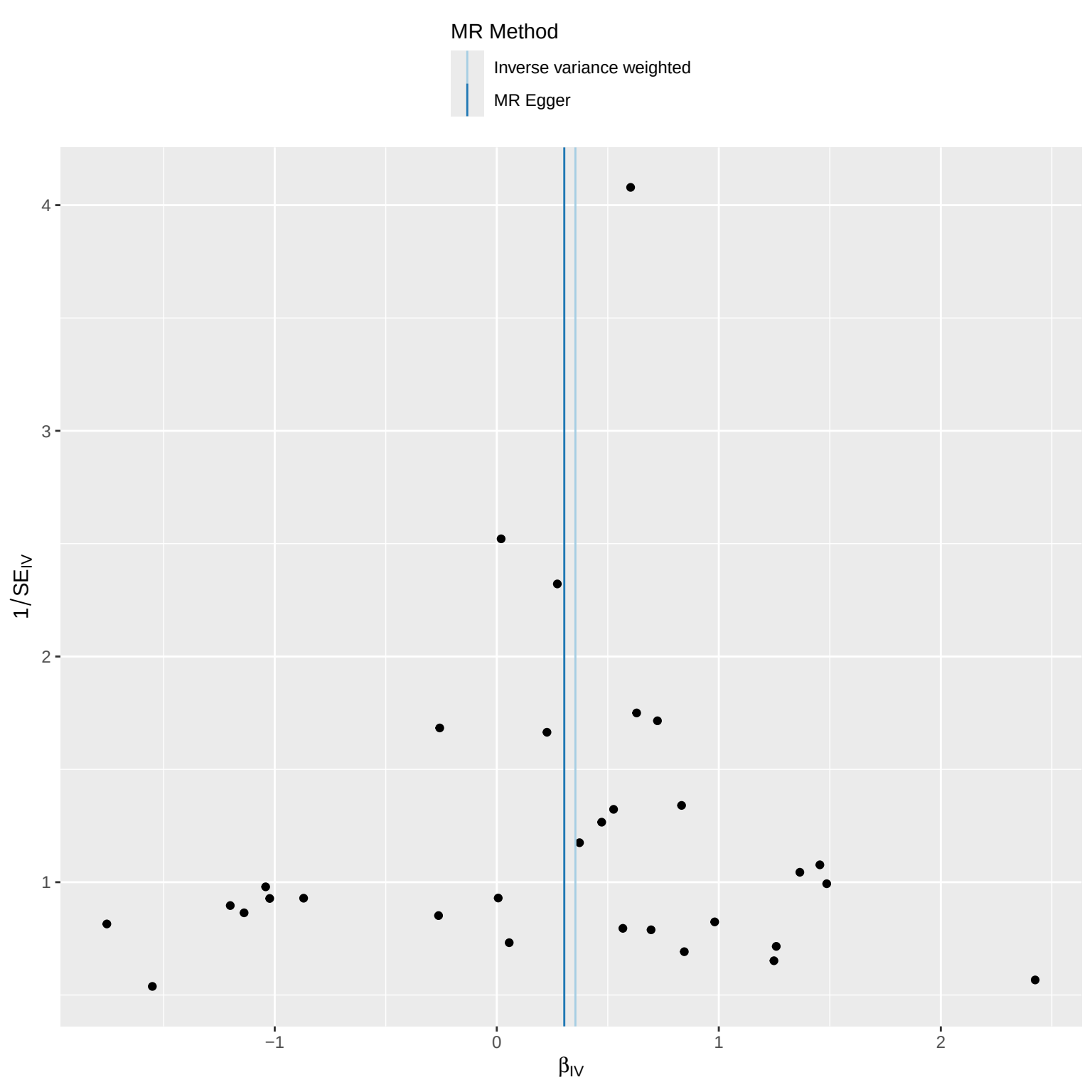

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−6
−4
−2
0
2
β_IV

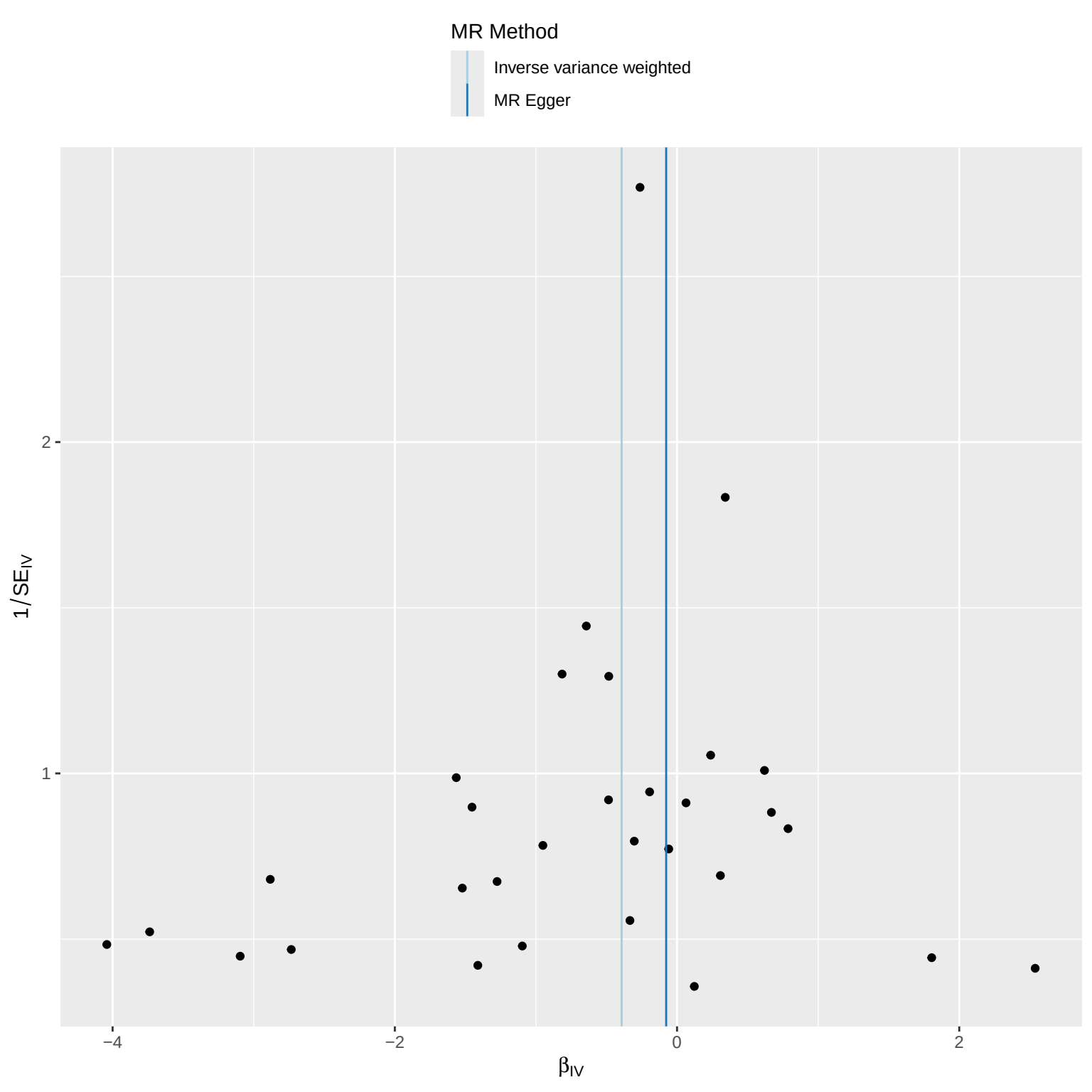

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

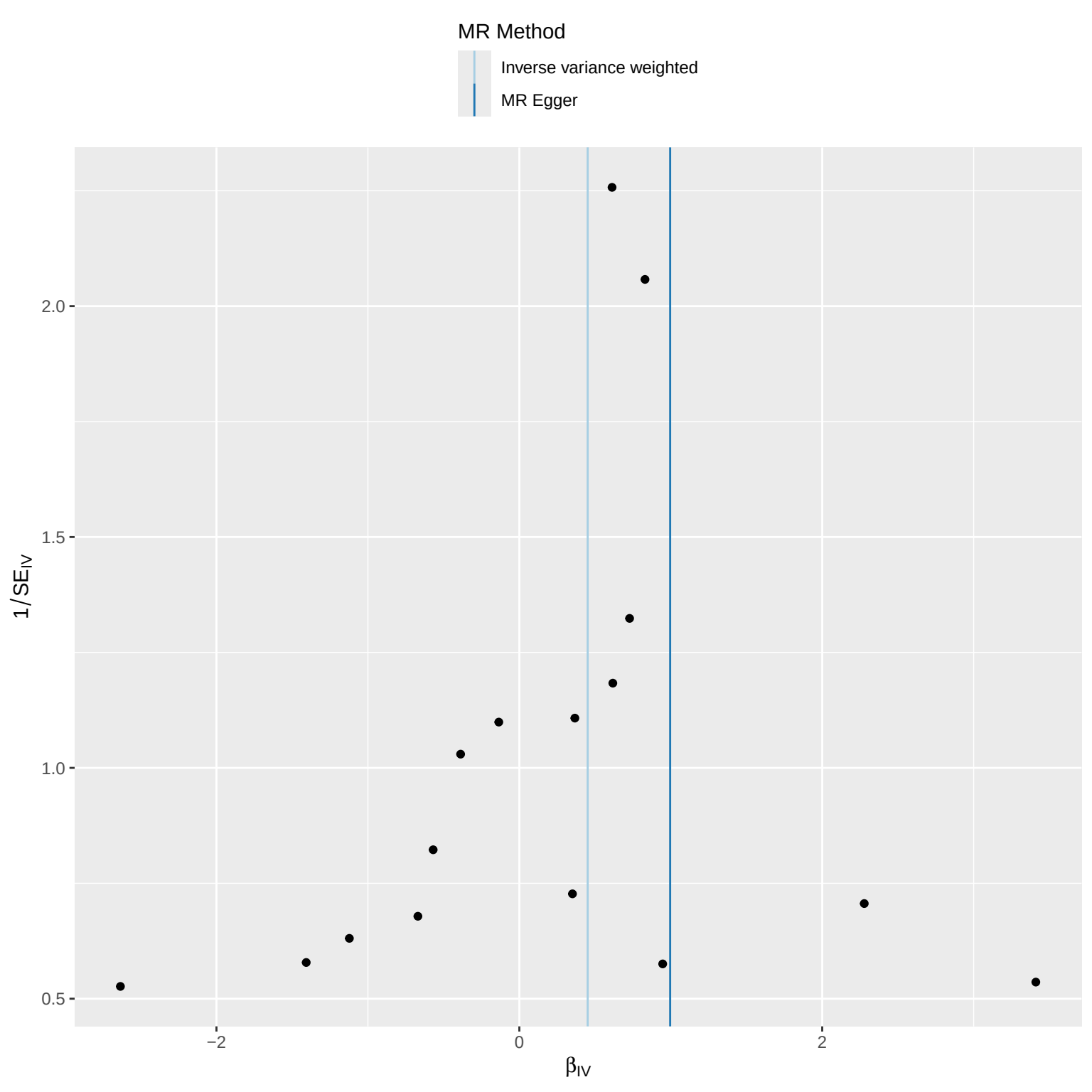

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

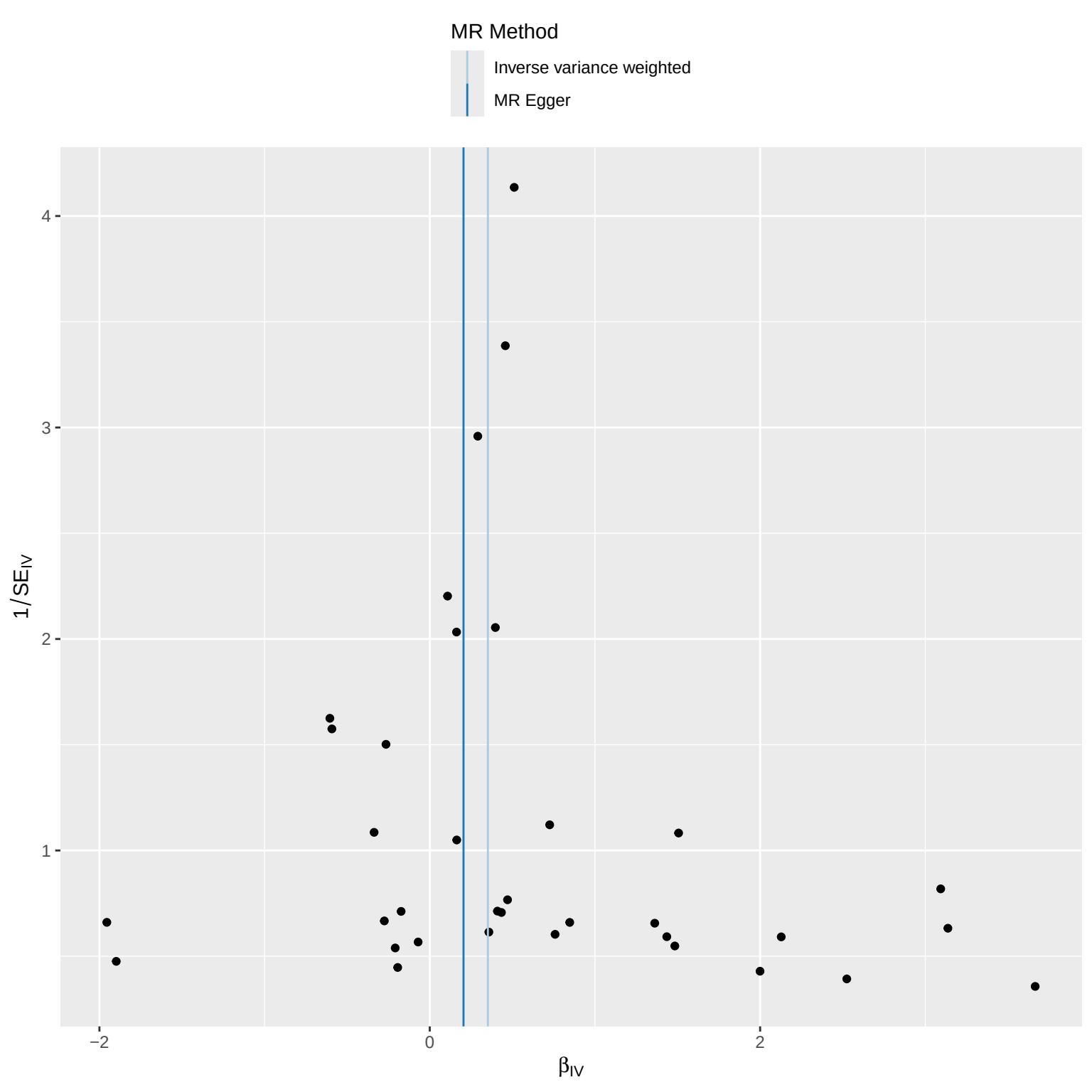

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

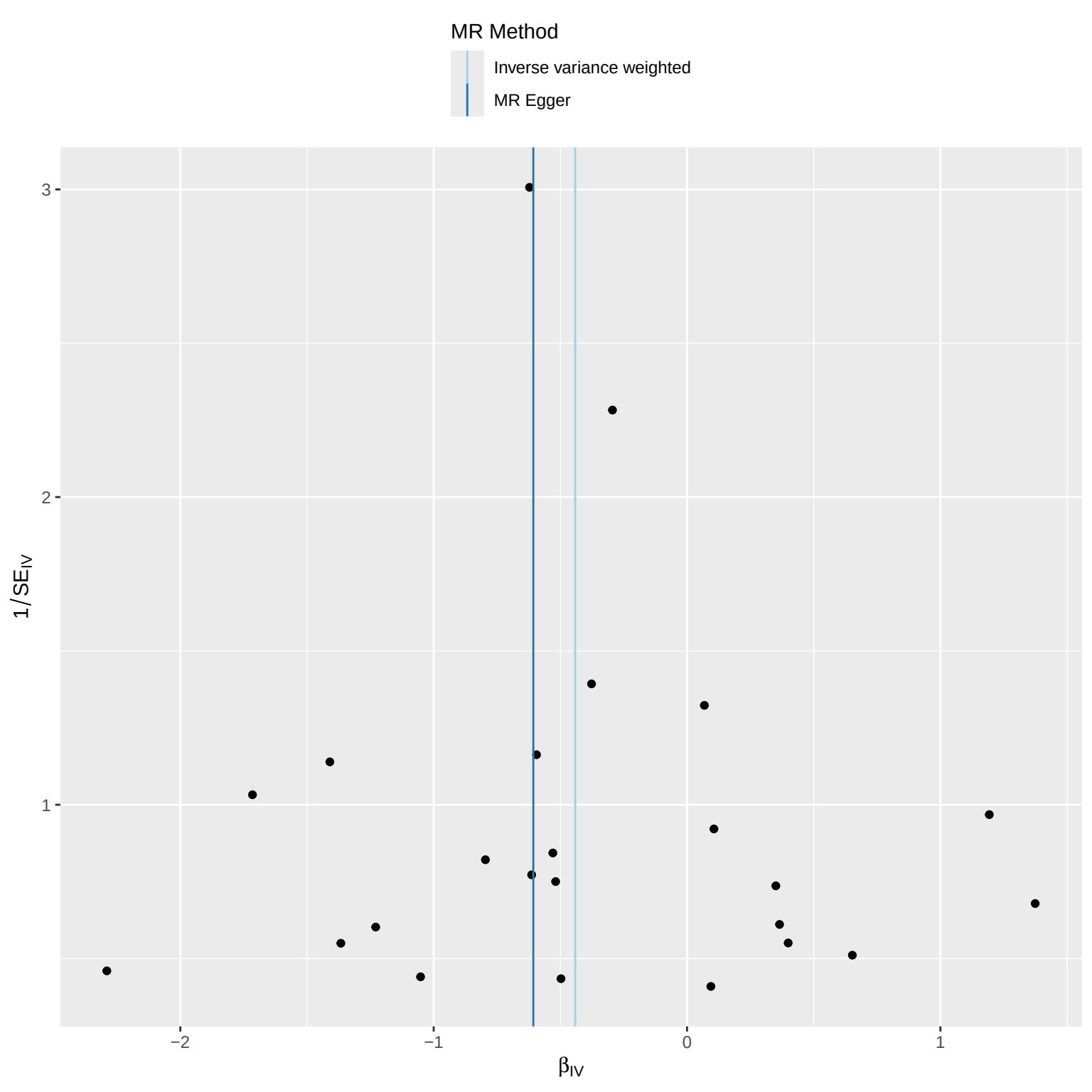

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

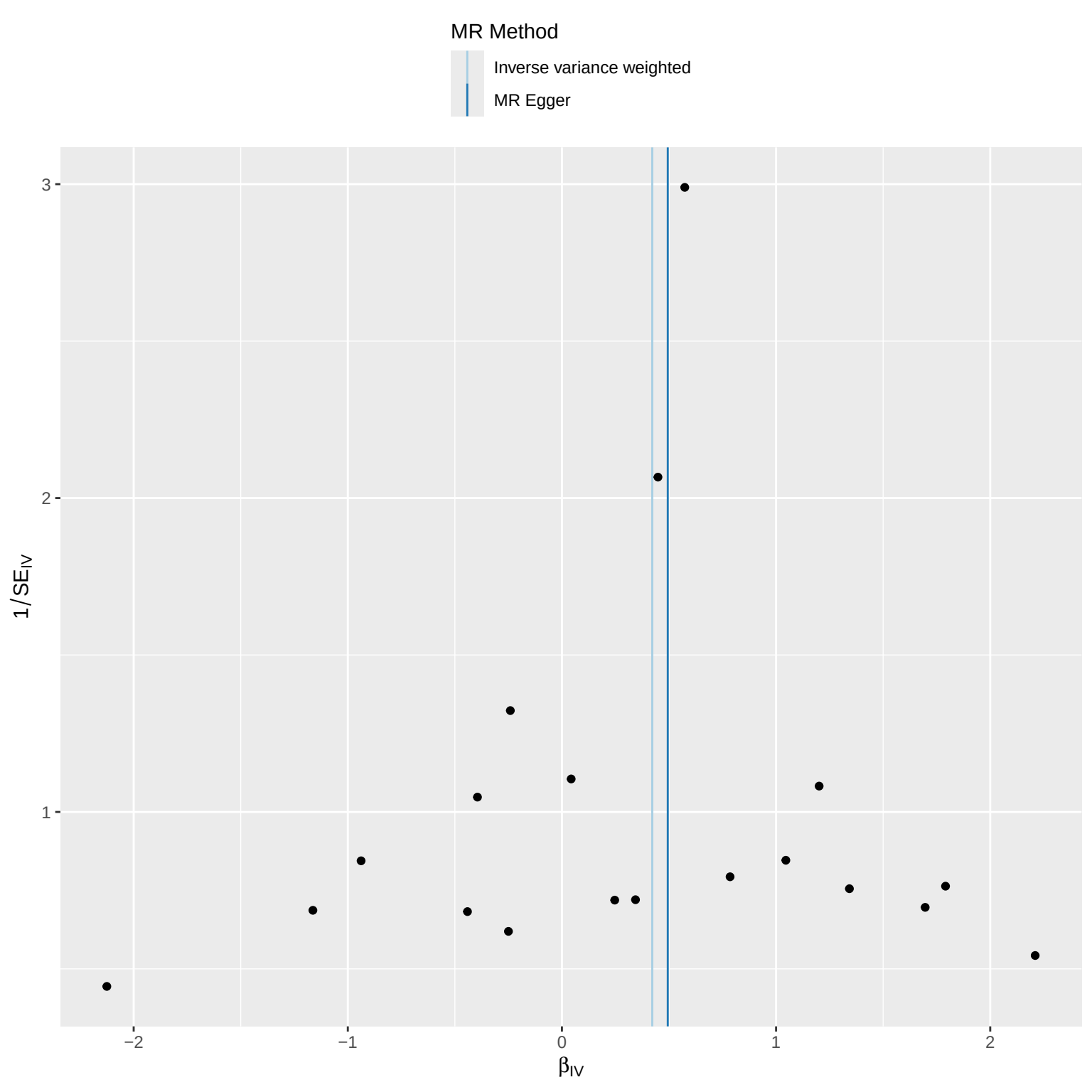

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

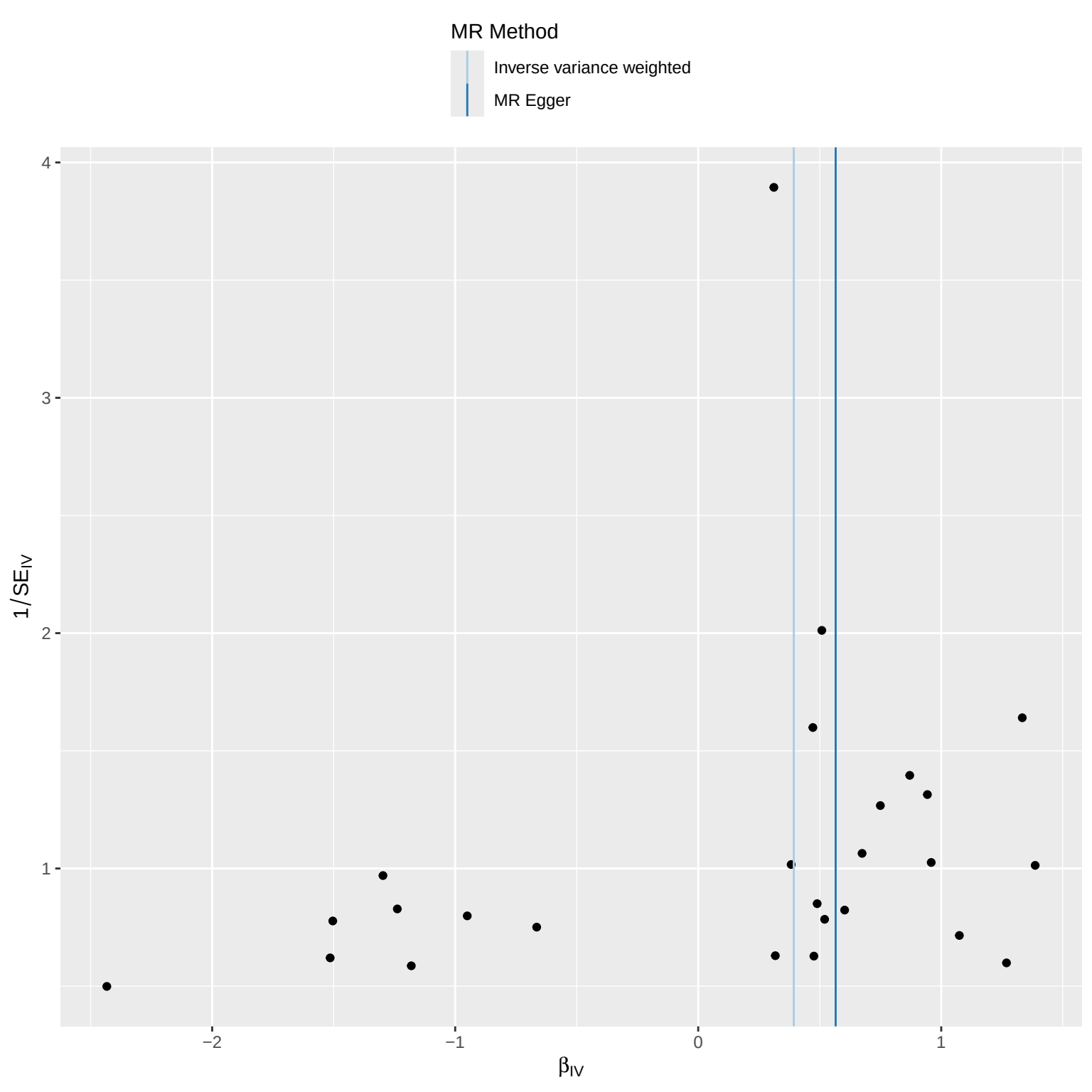

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

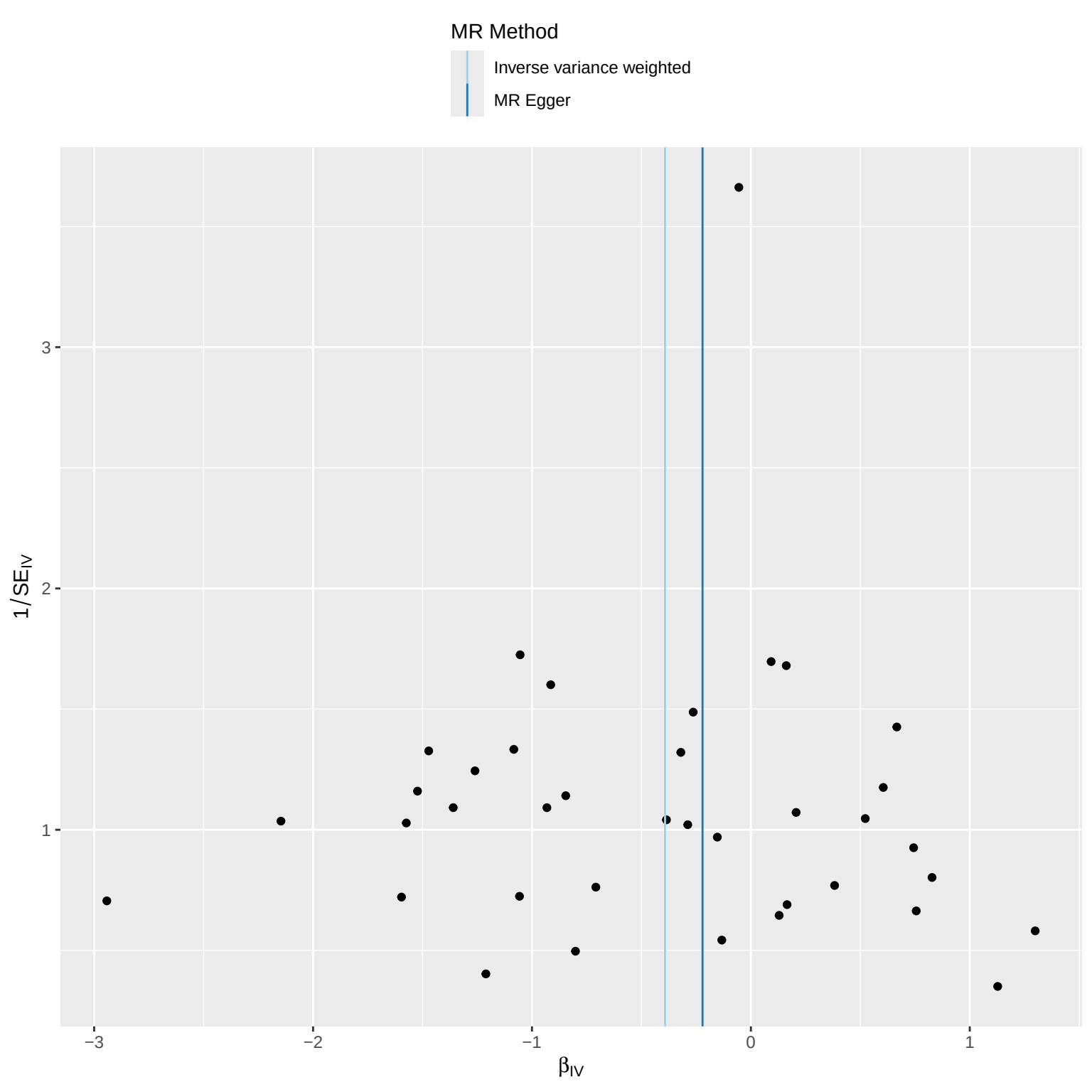

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

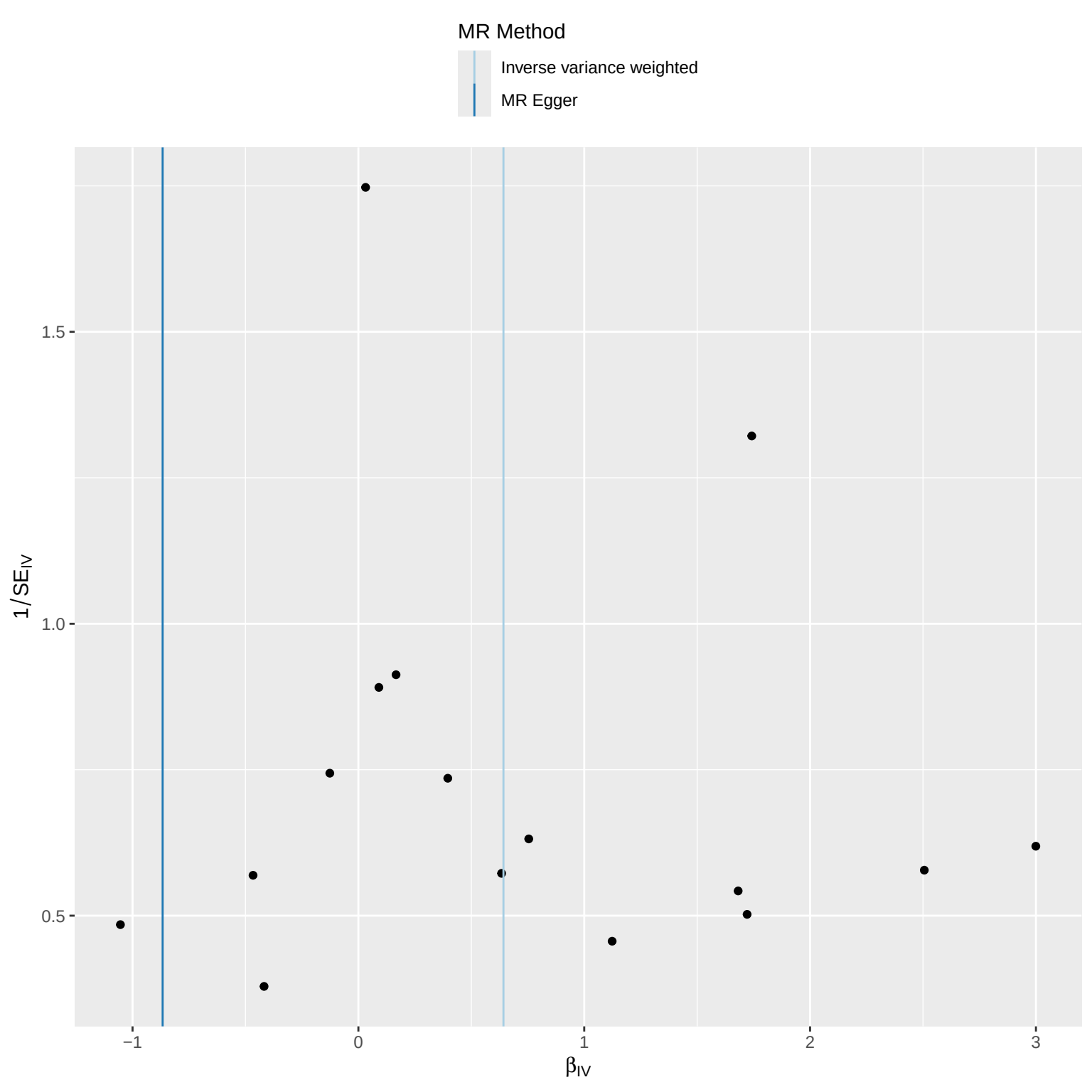

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

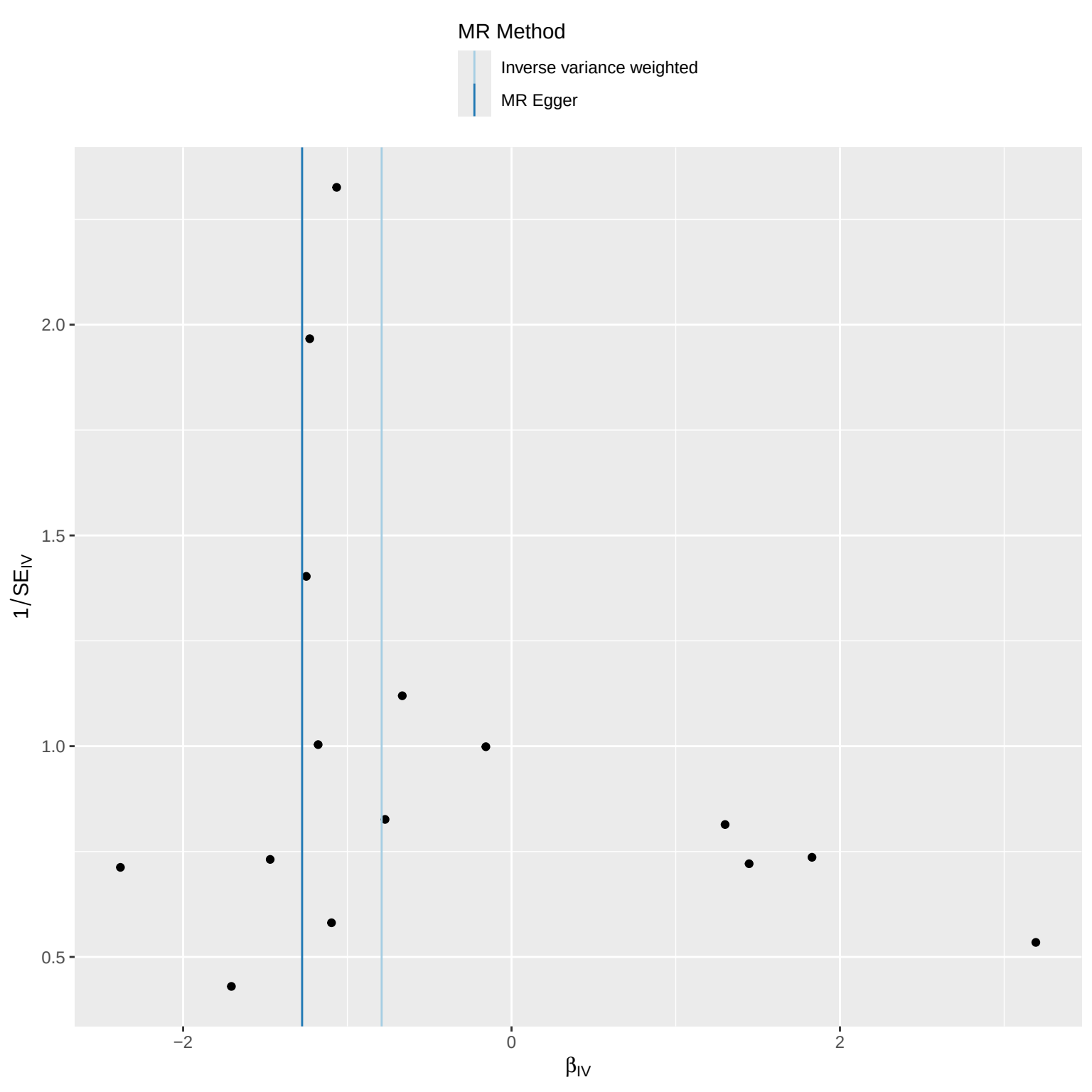

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

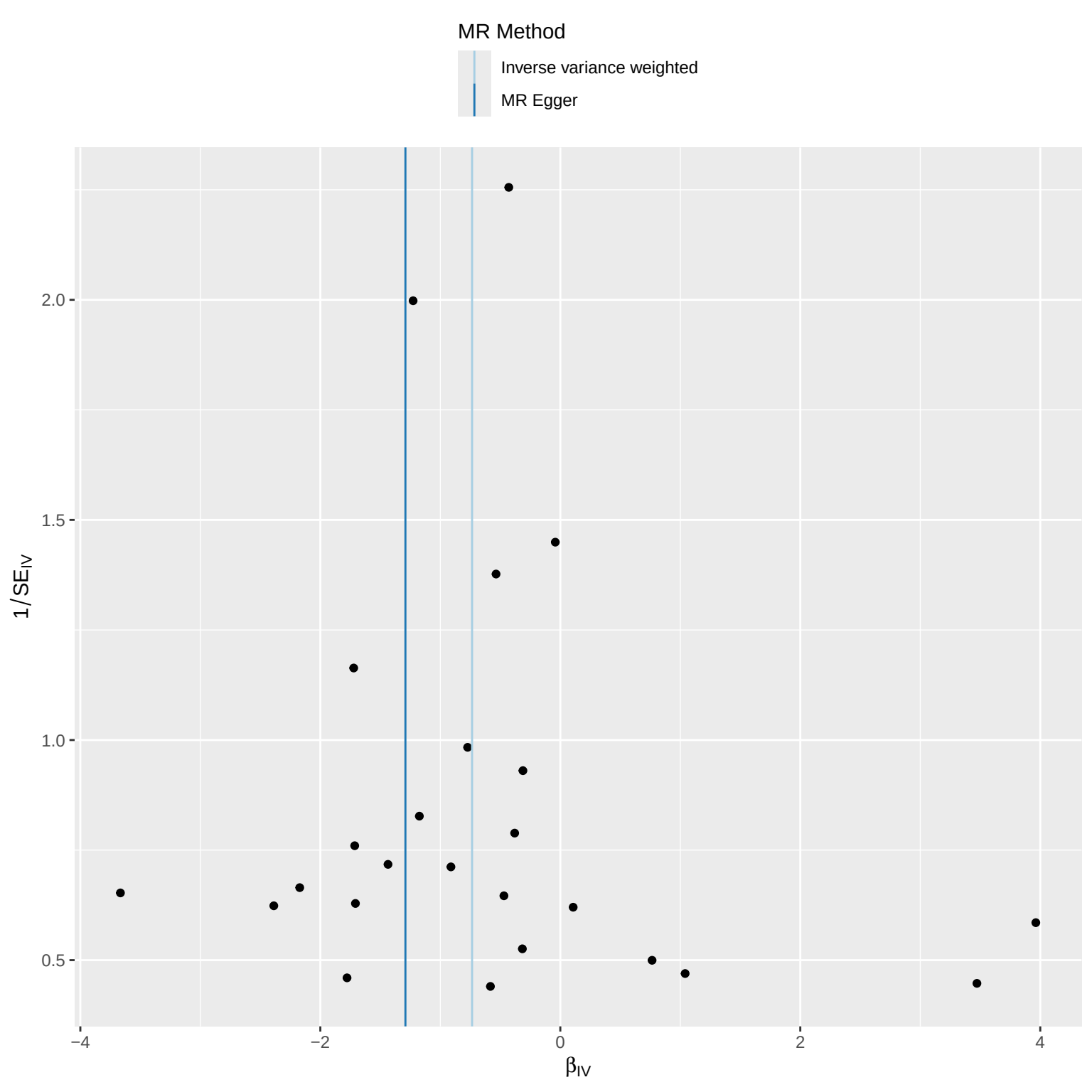

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

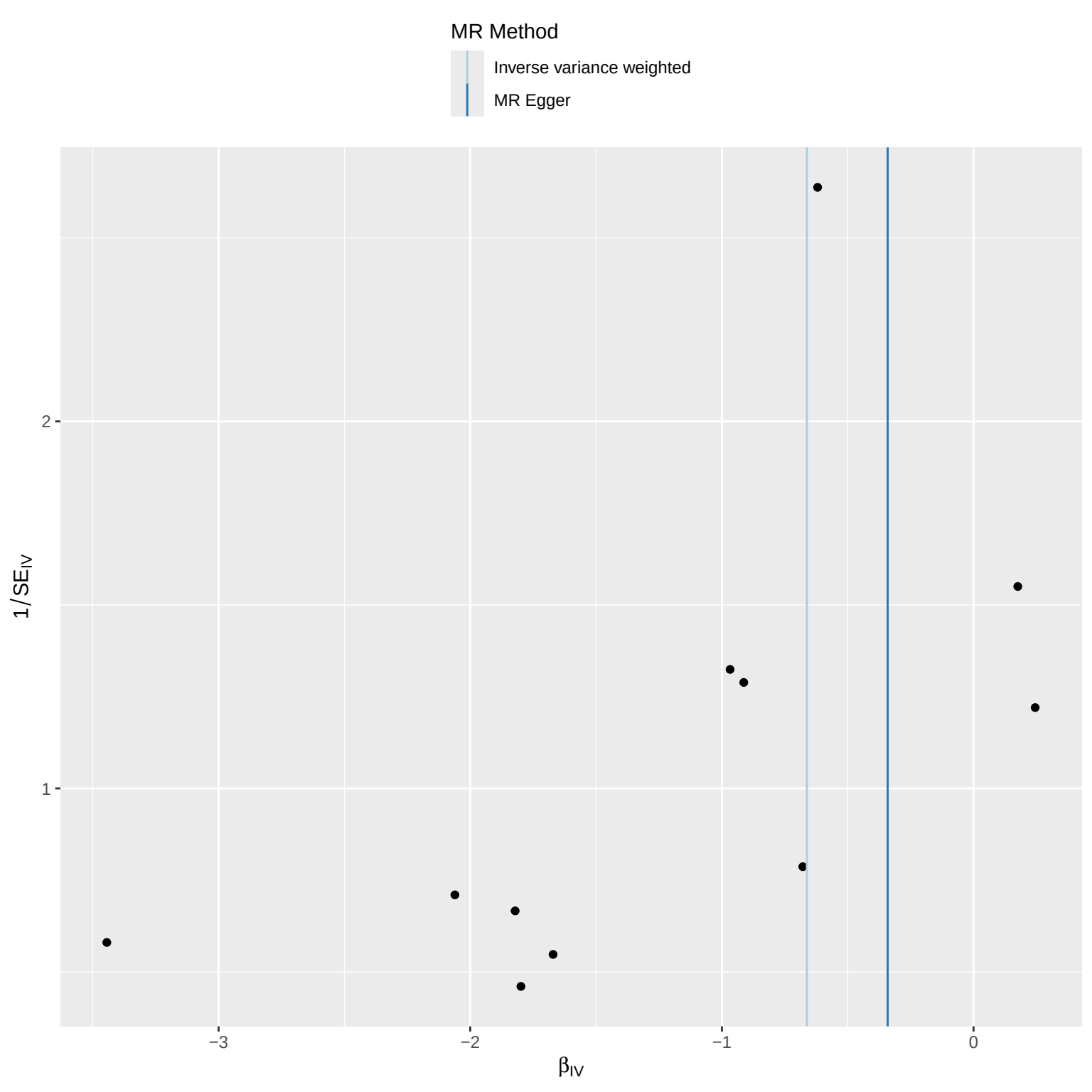

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

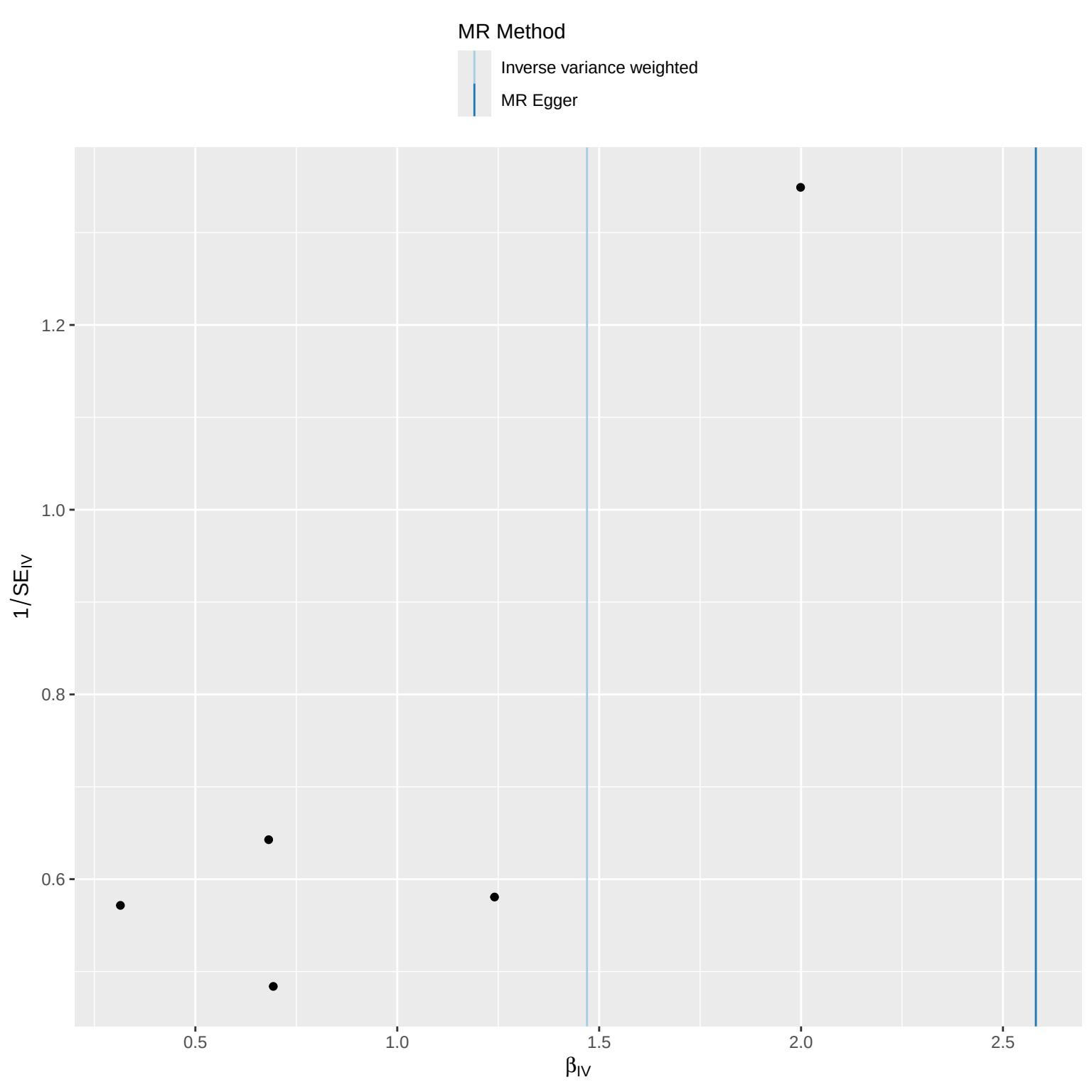

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

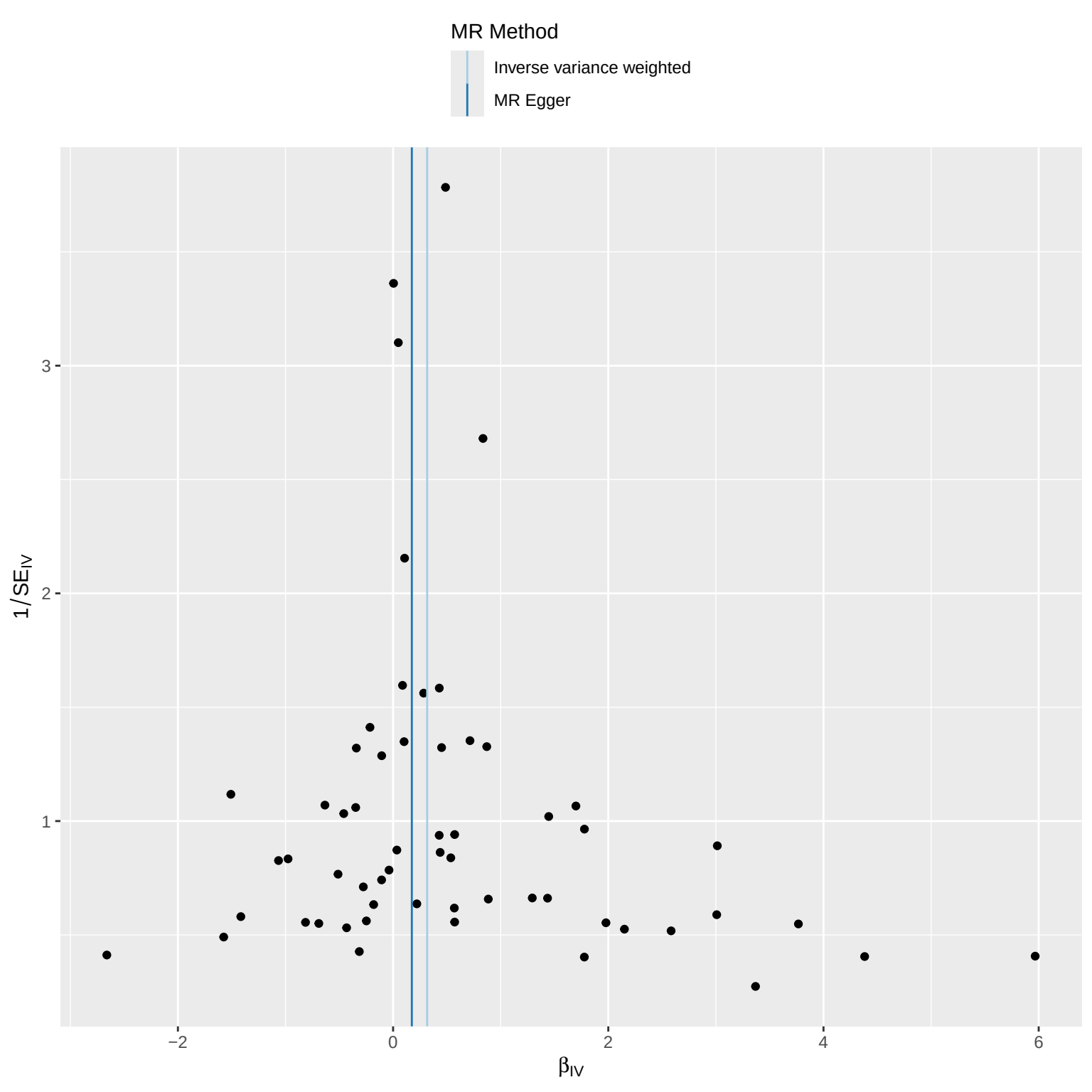

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

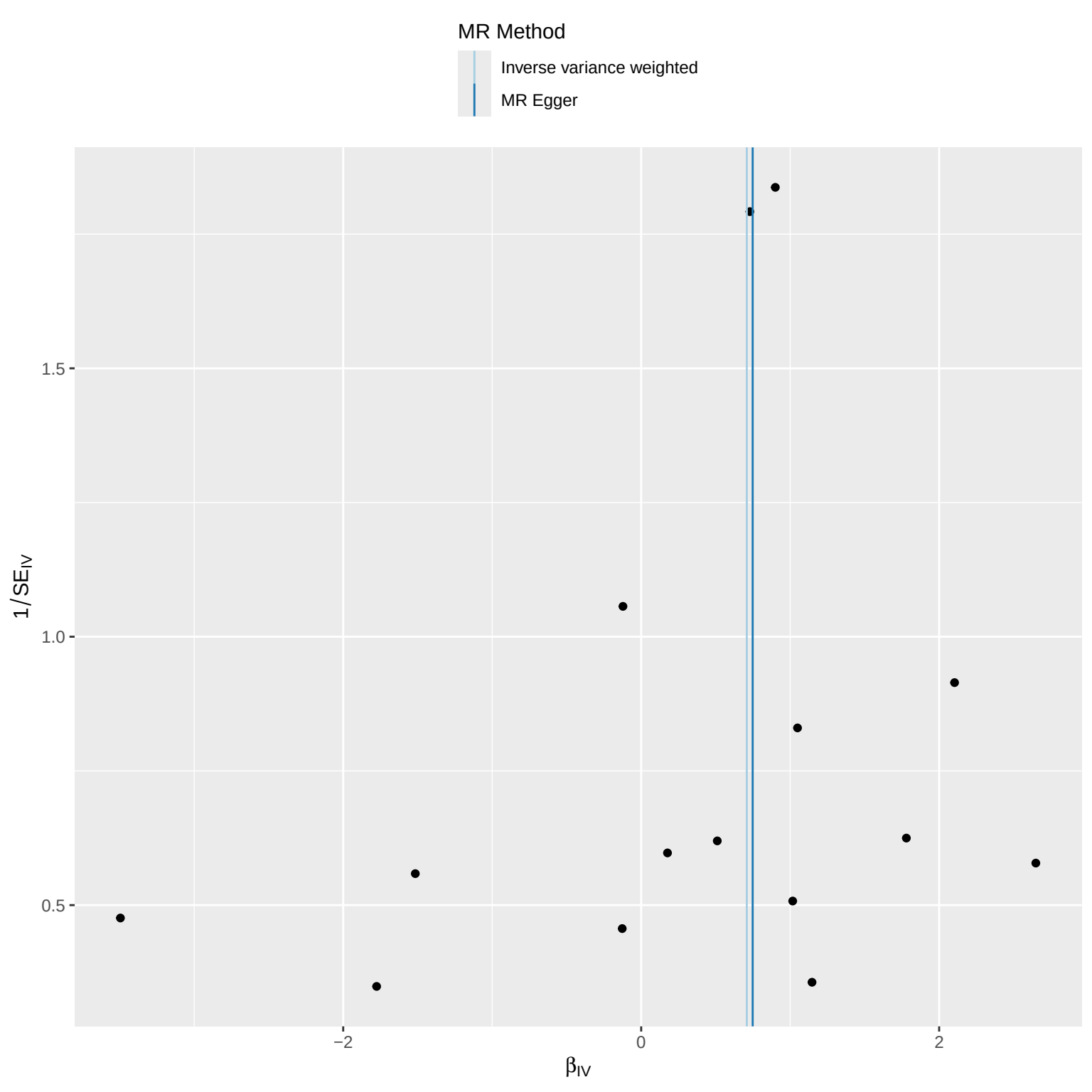

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

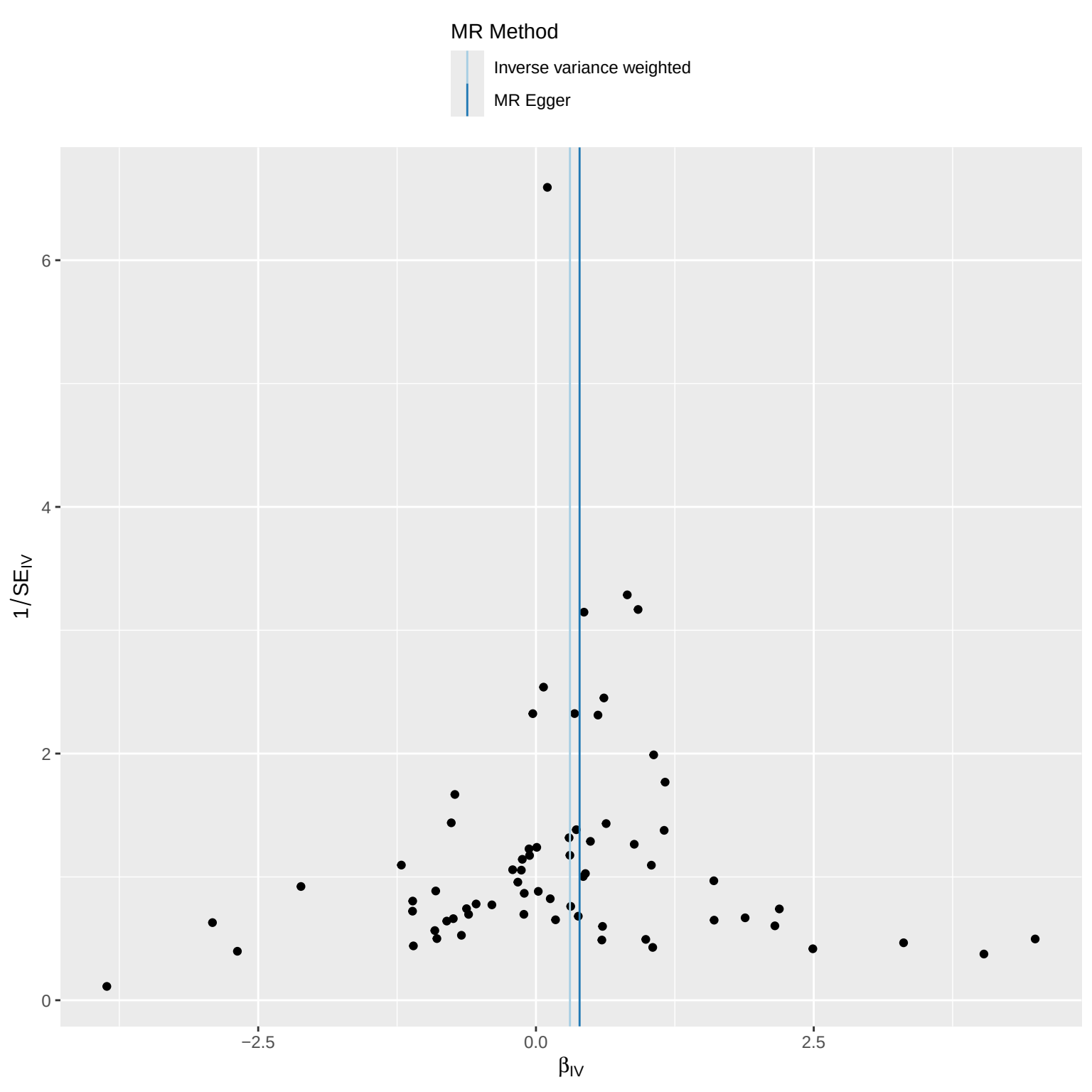

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

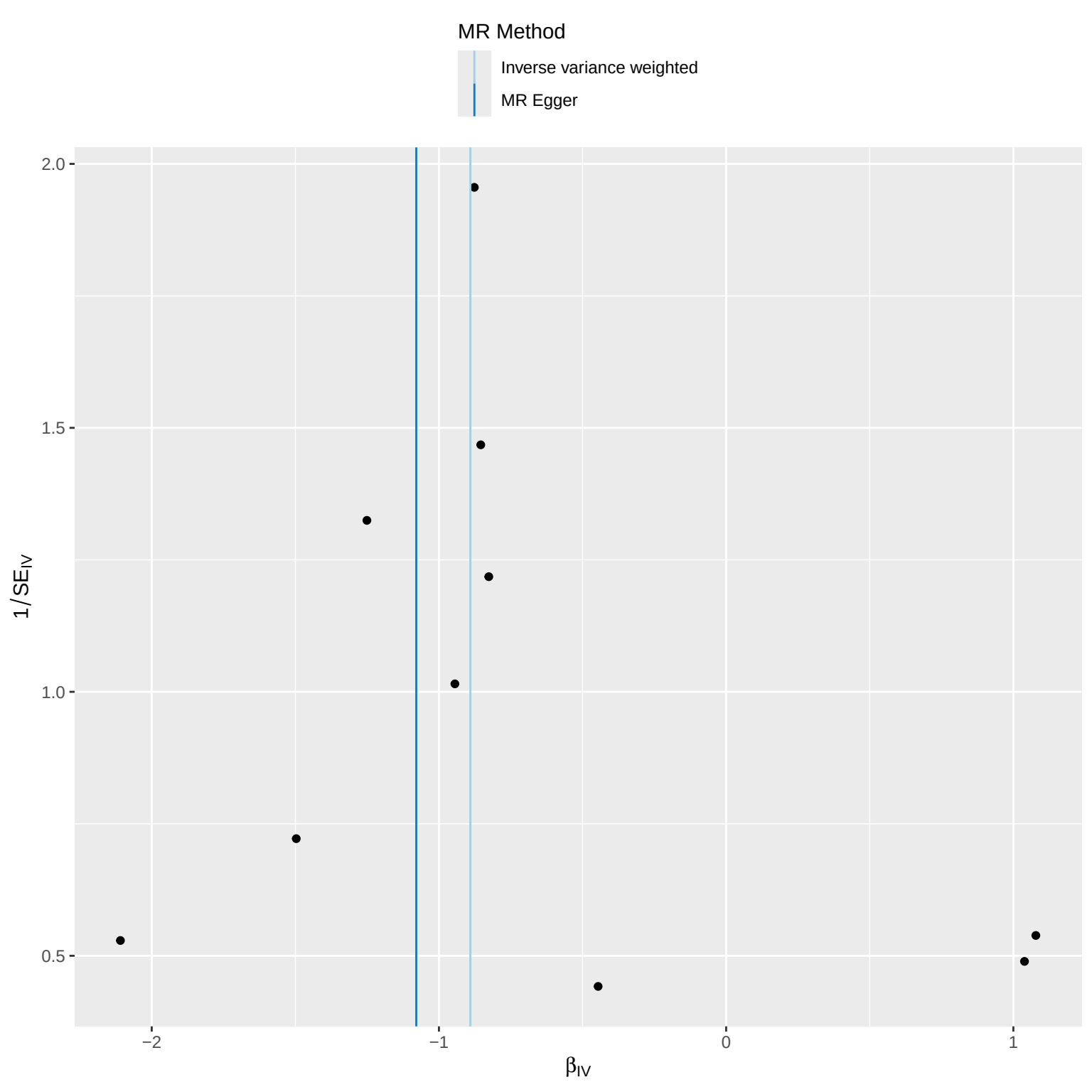

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
β_IV

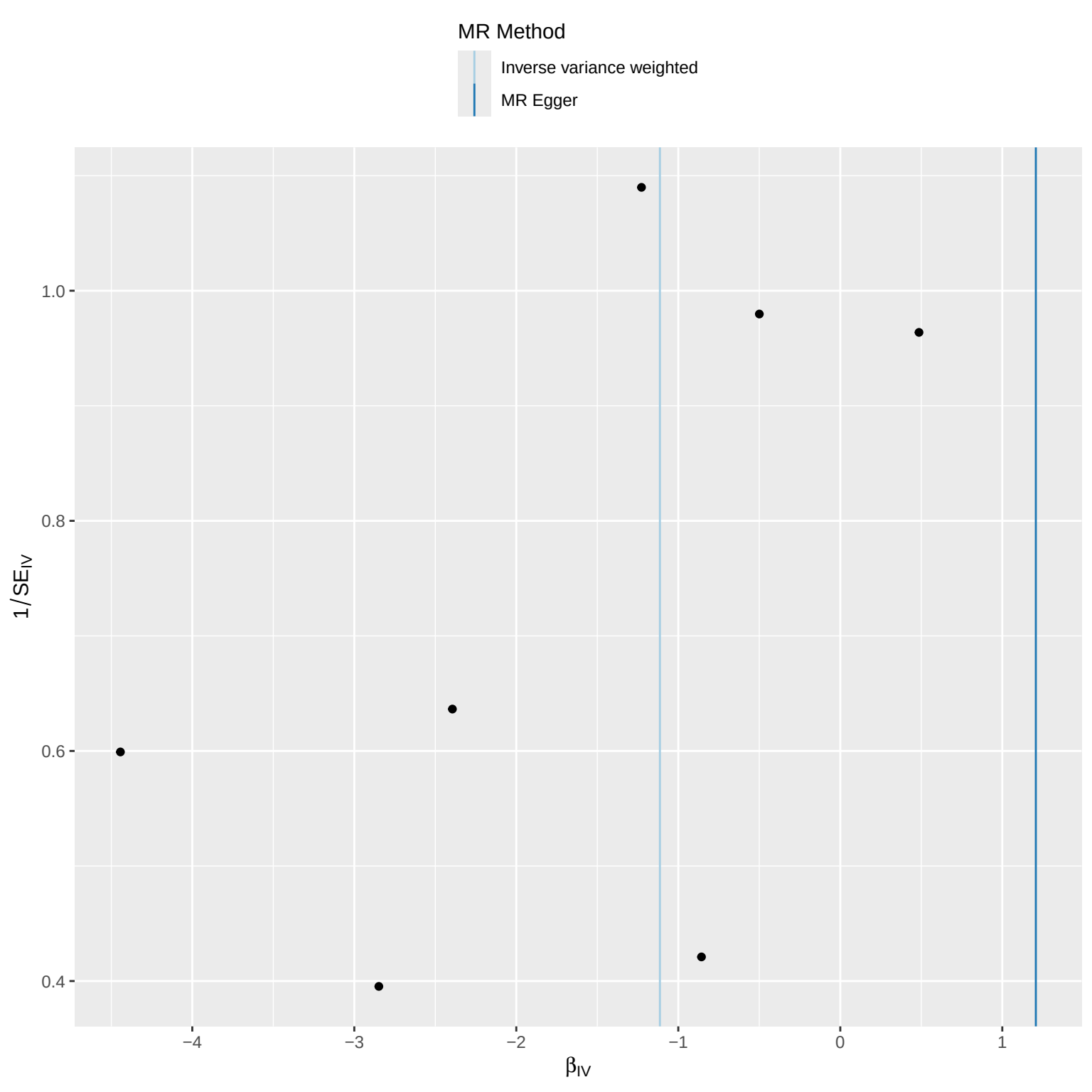

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0.5
1.0
1.5
2.0
2.5
β_IV

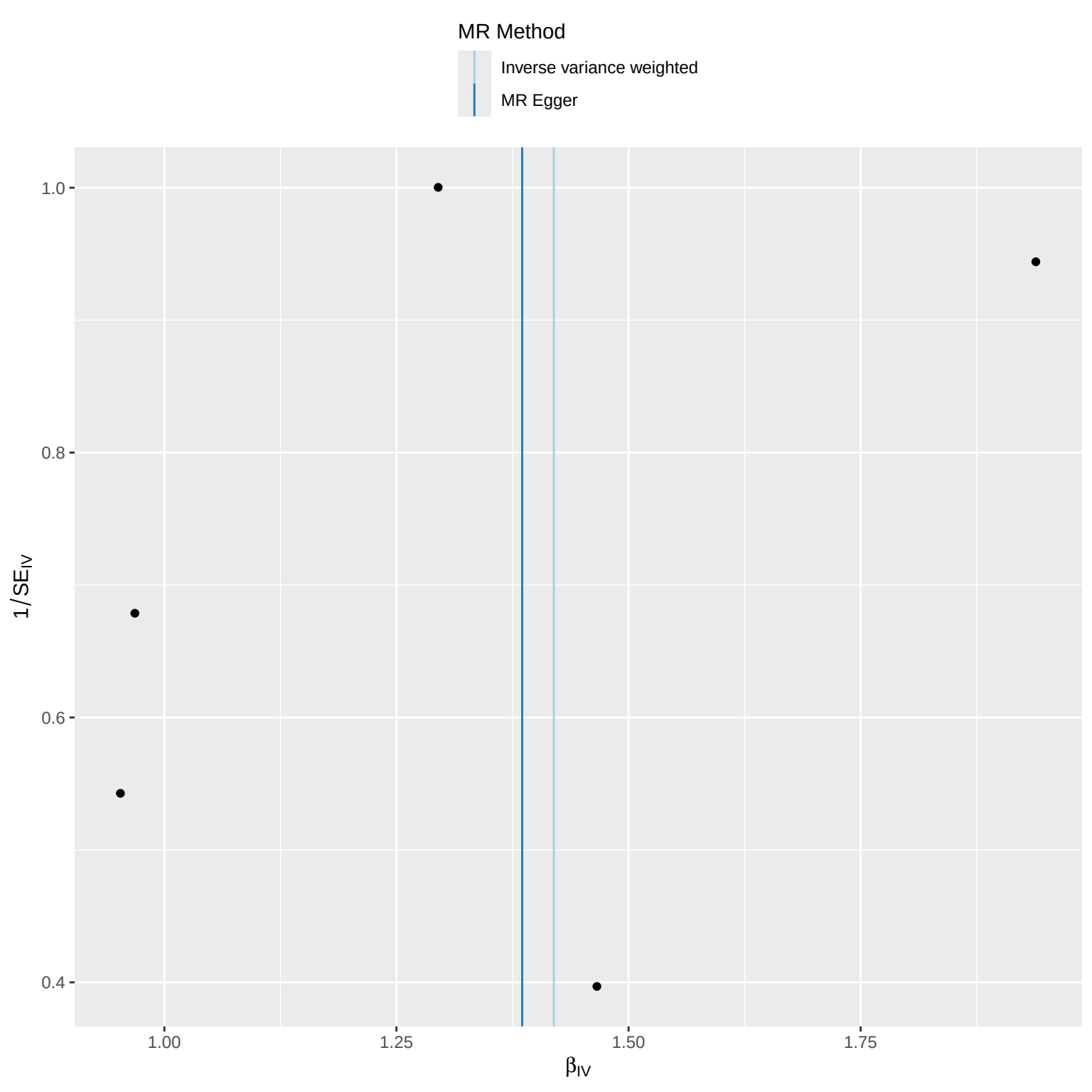

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−2
0
2
4
6
β_IV

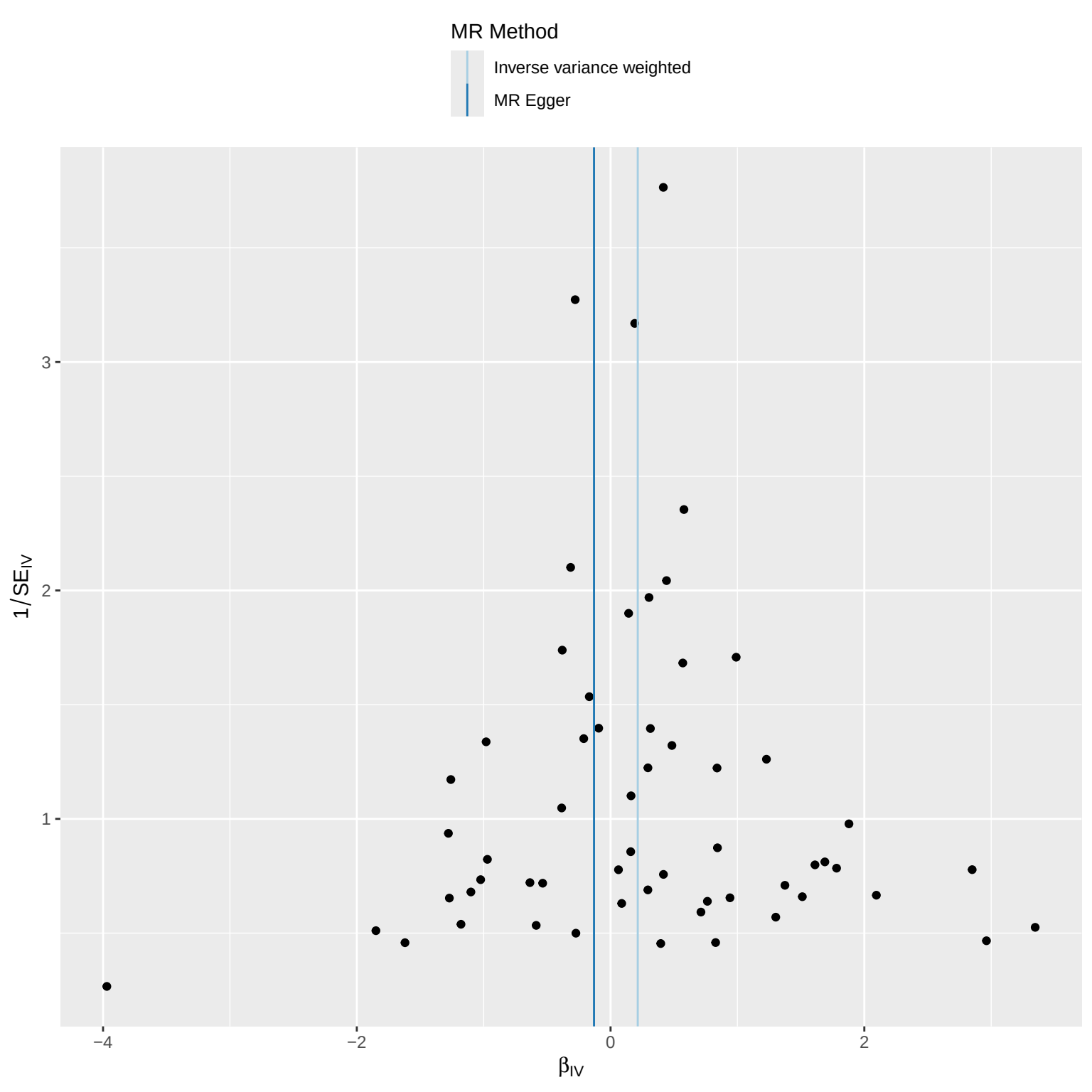

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

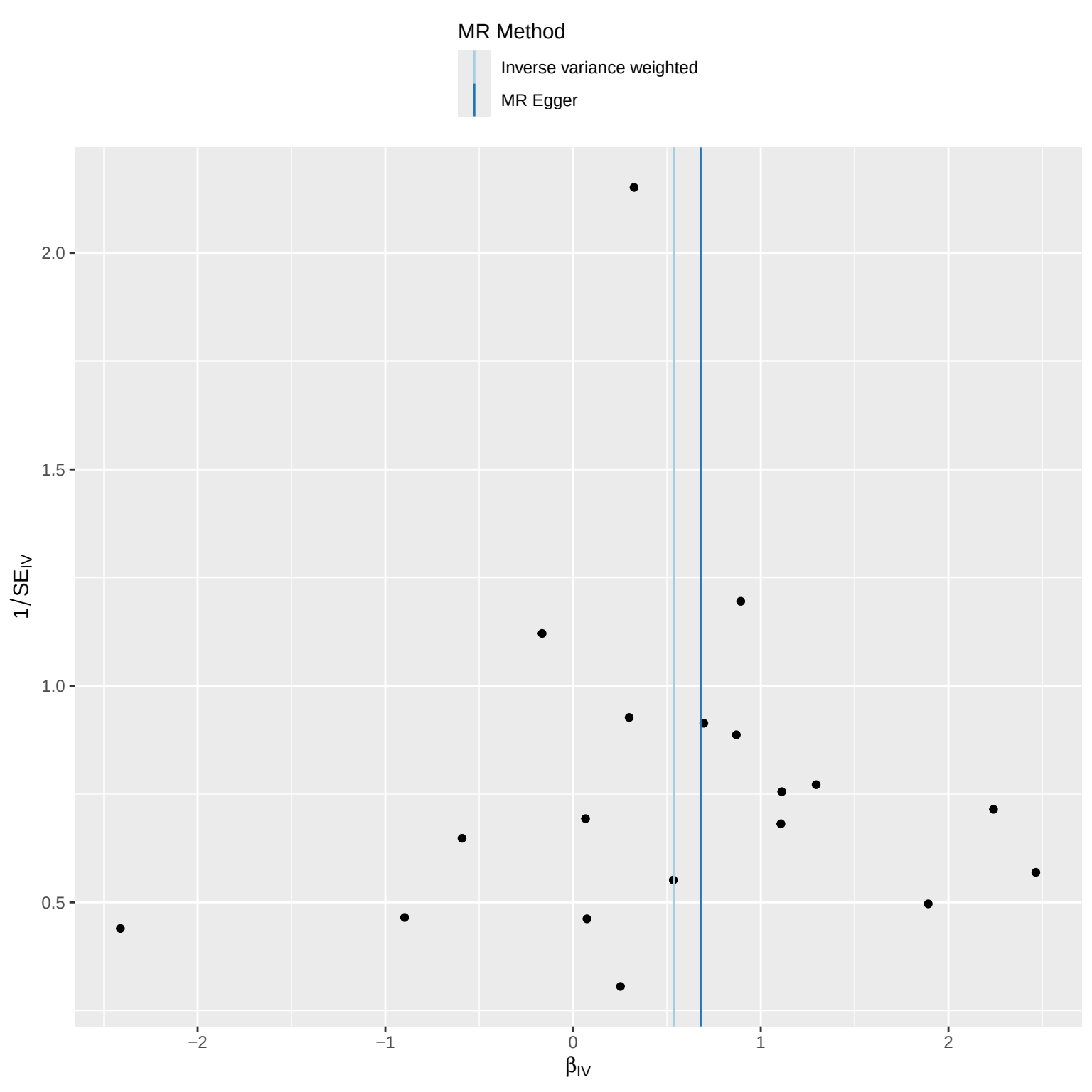

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2.5
0.0
2.5
β_IV

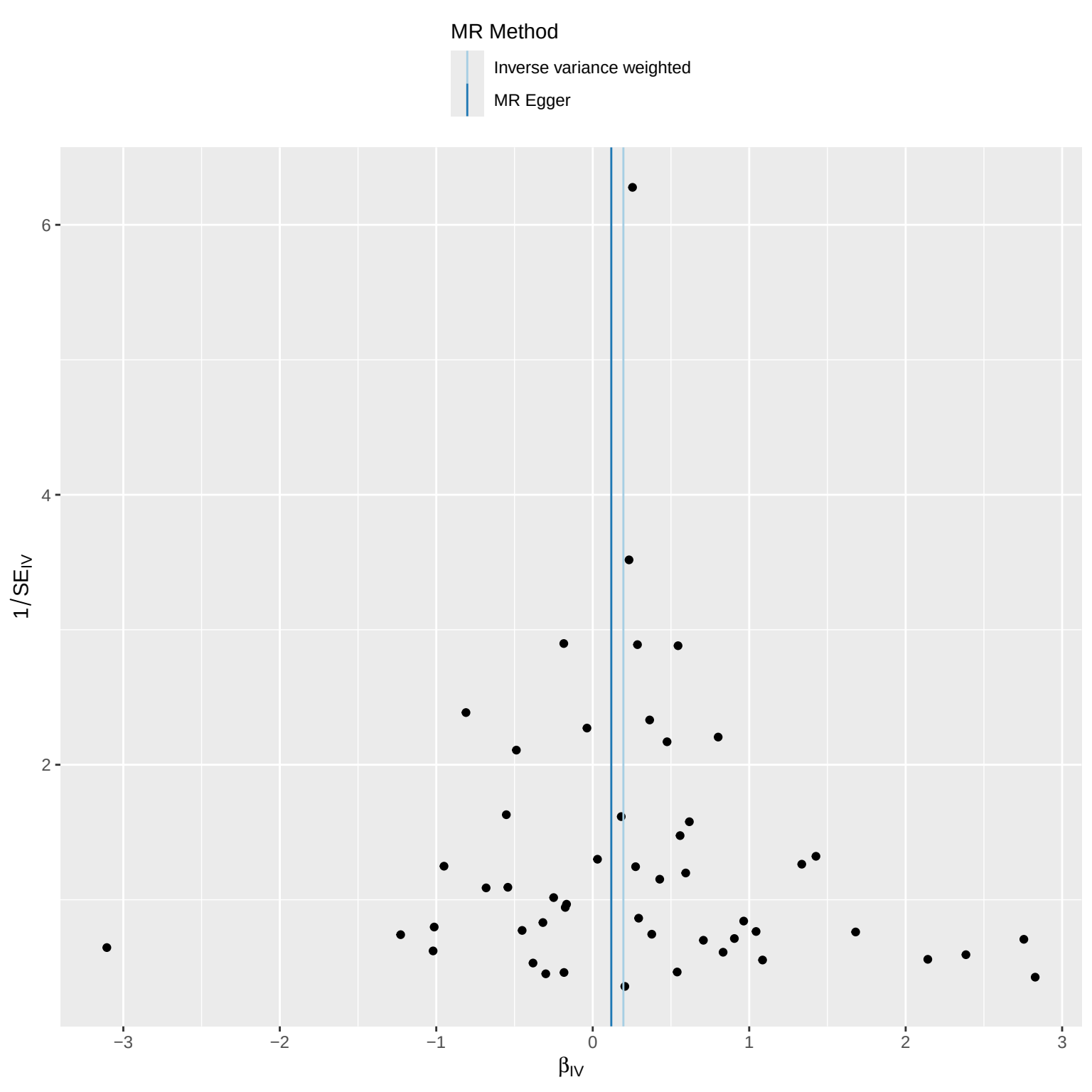

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

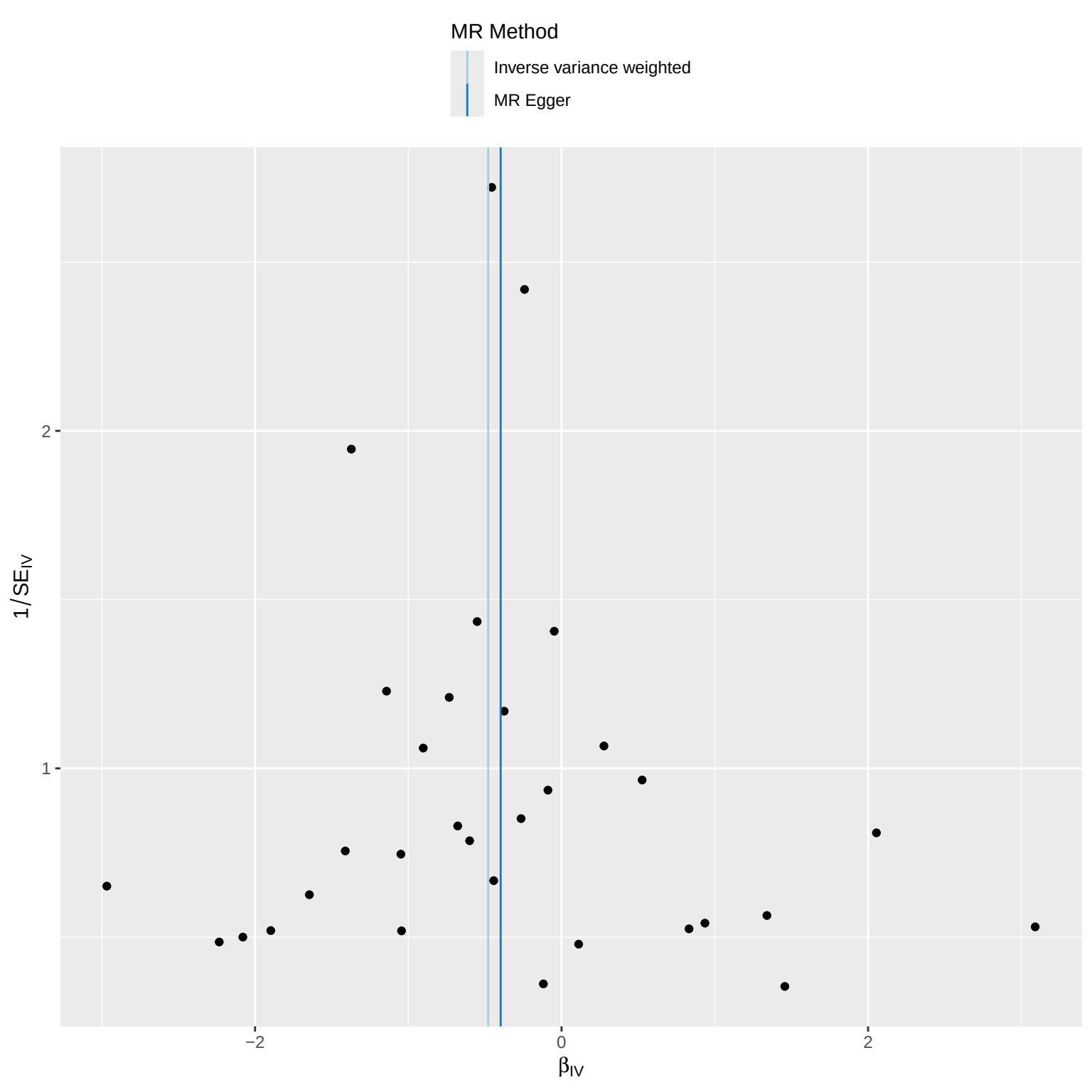

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

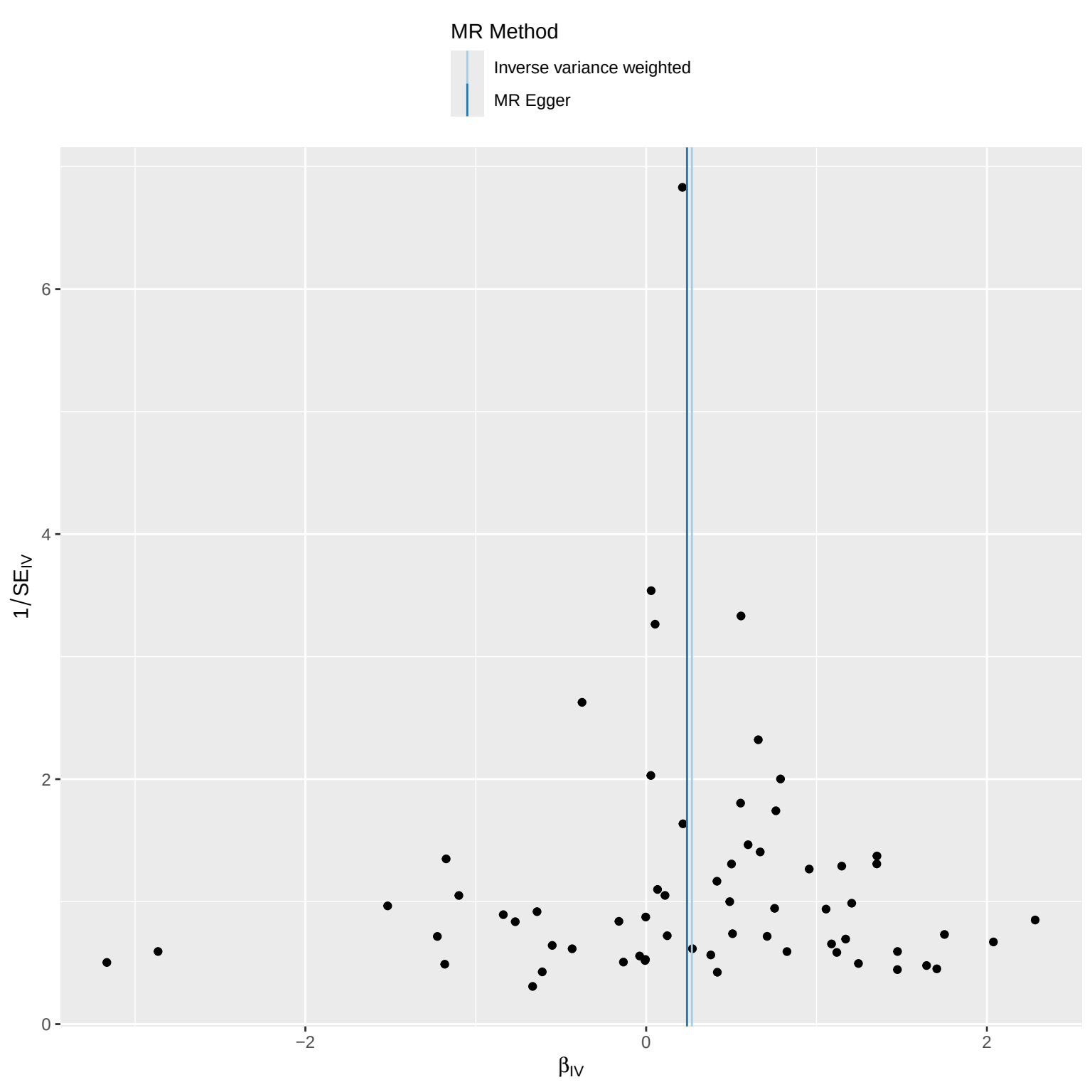

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
1.00
1.25
1.50
1.75
β_IV

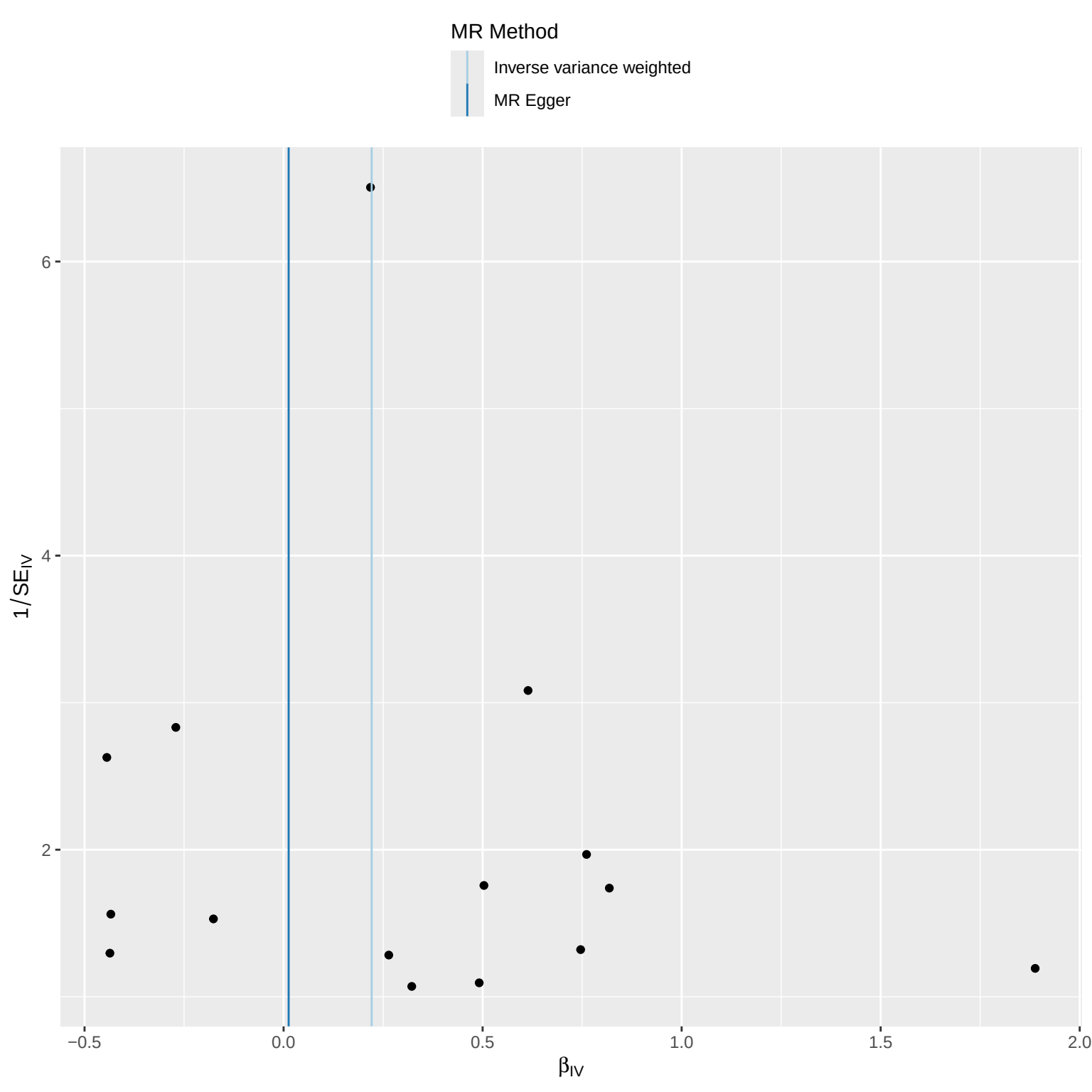

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

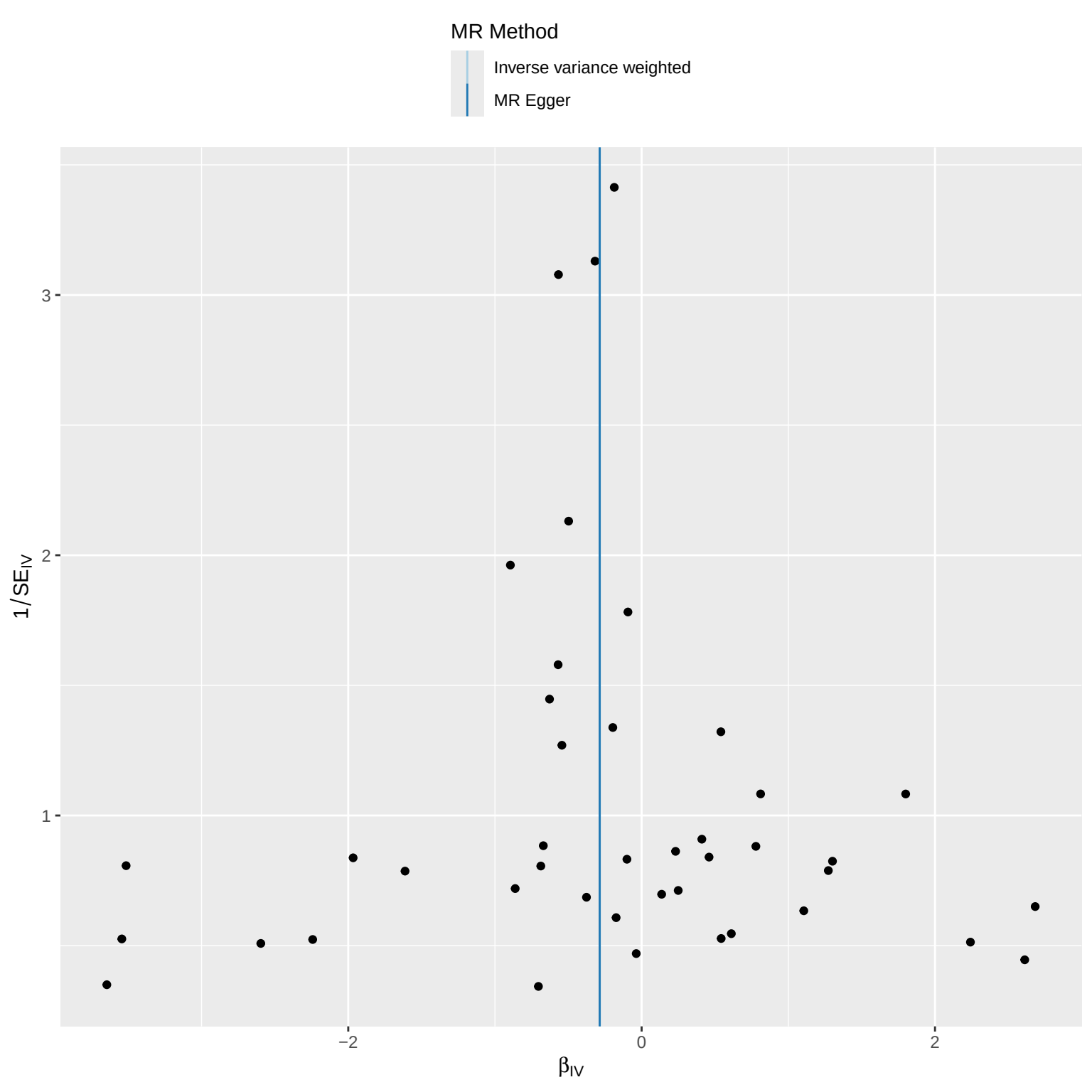

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

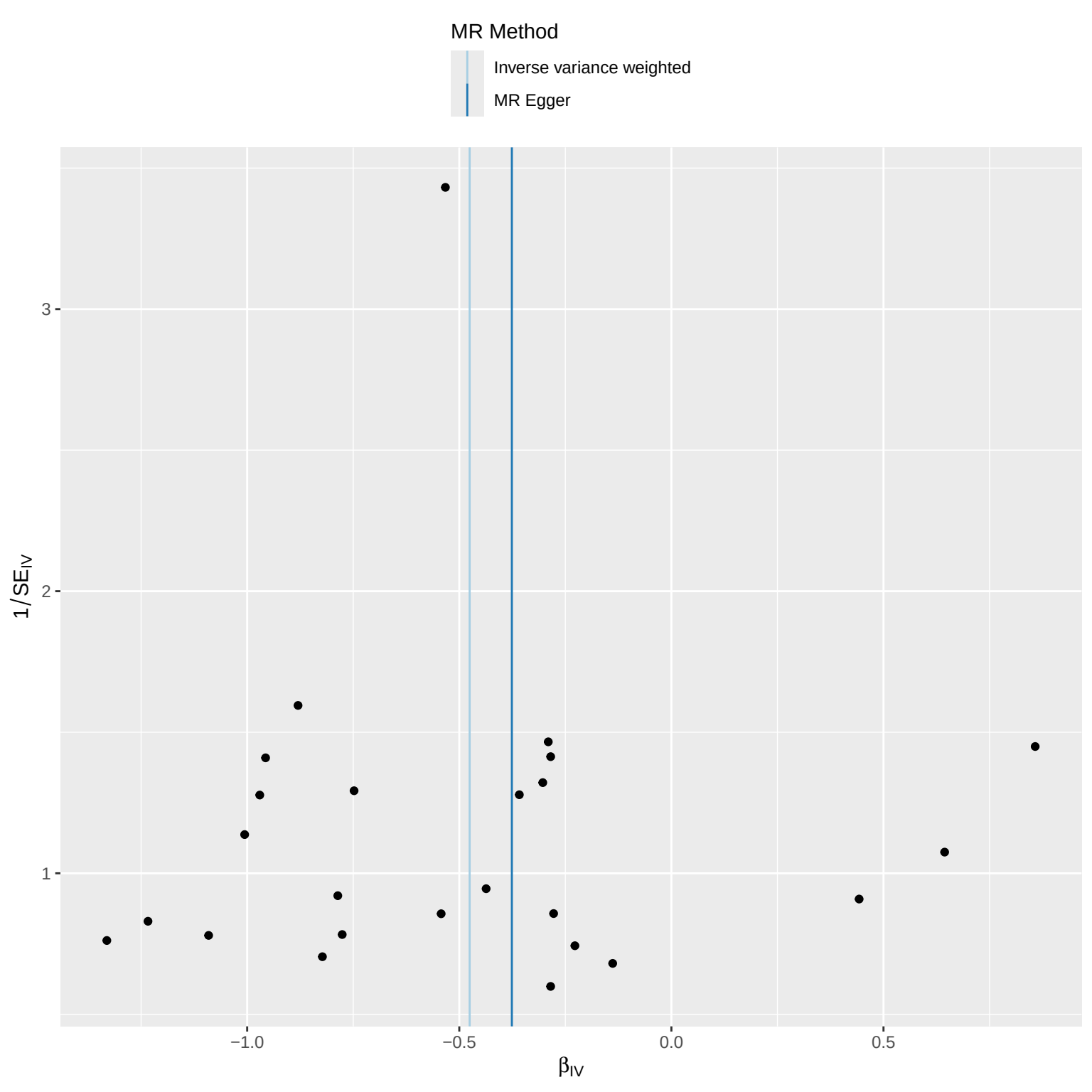

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

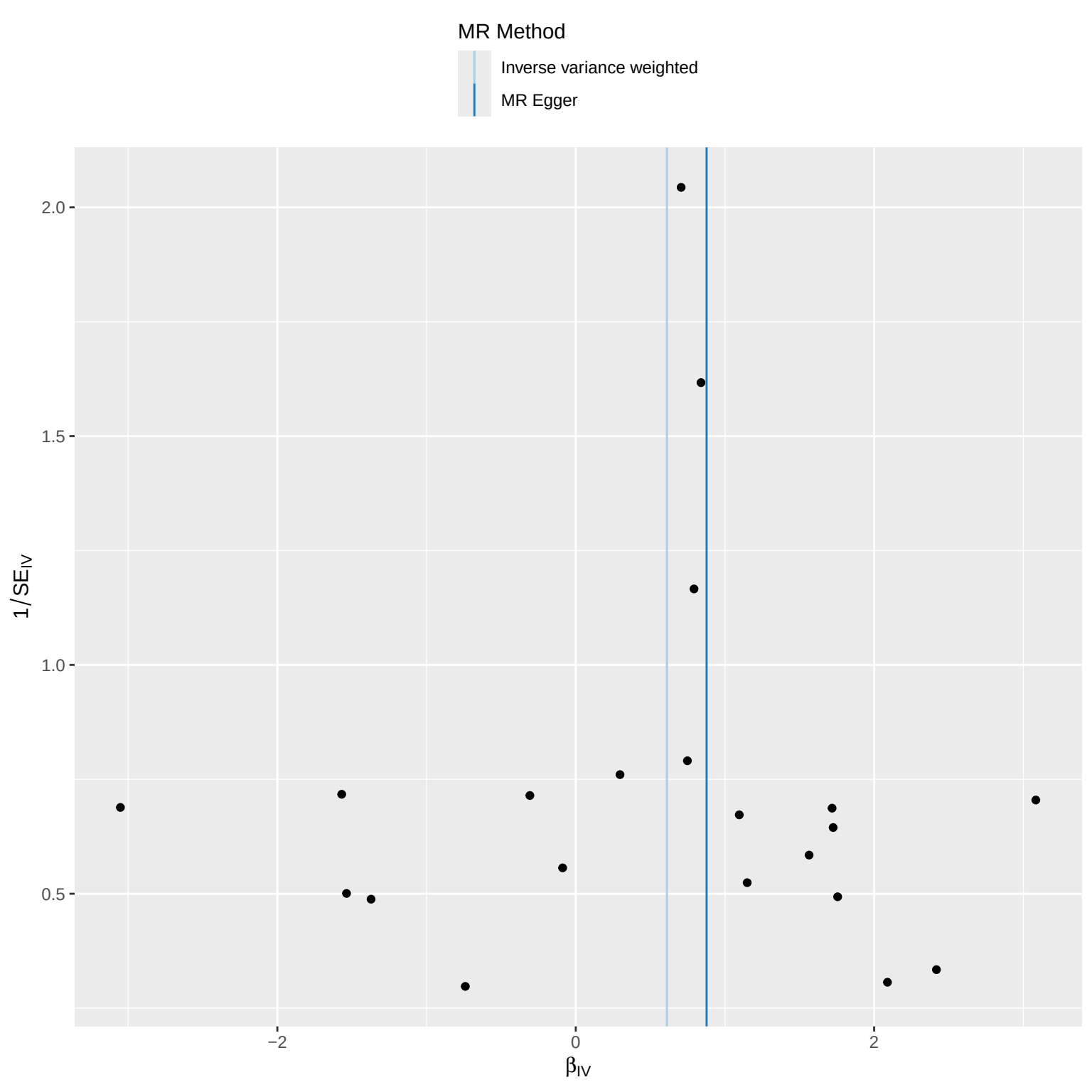

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

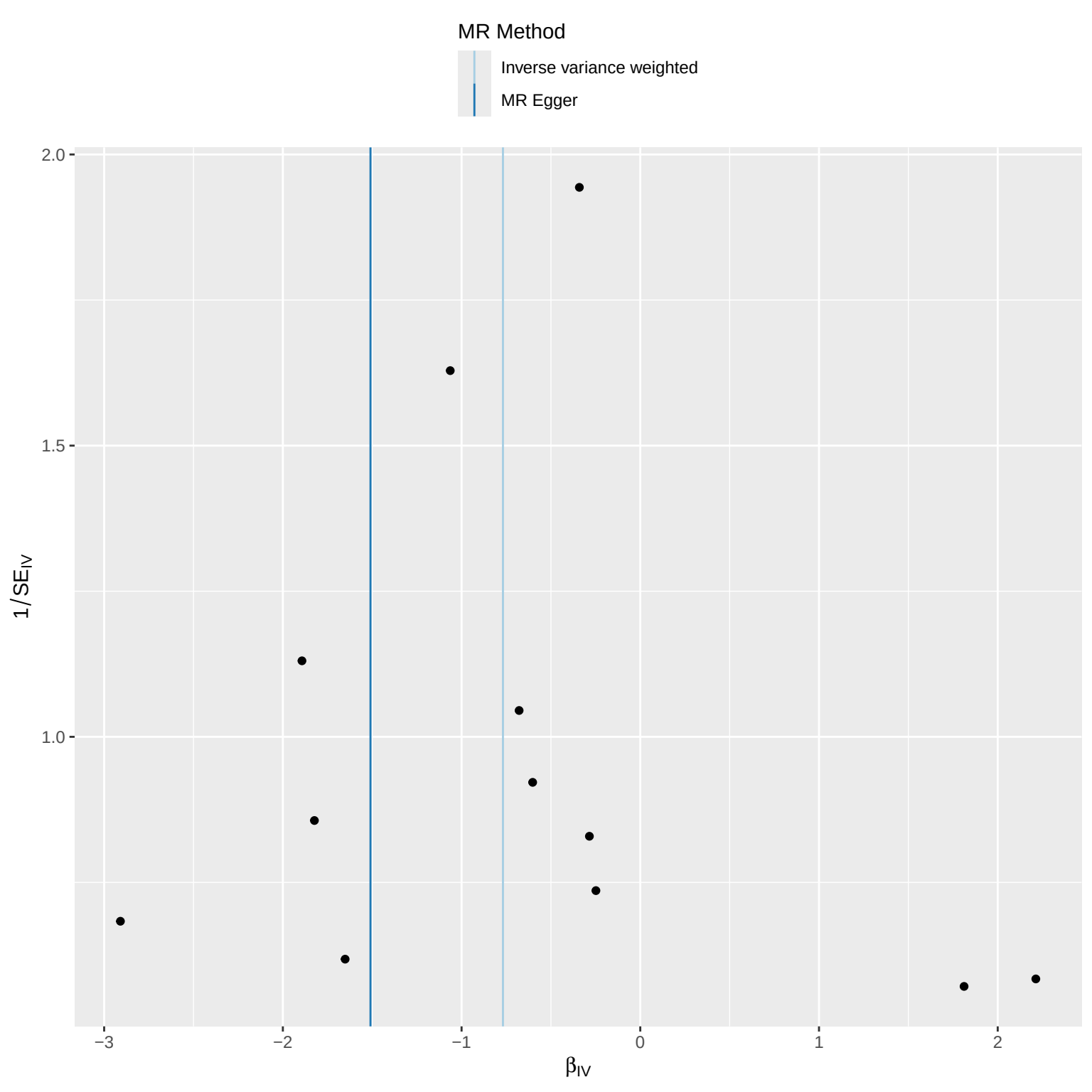

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2
0
2
β_IV

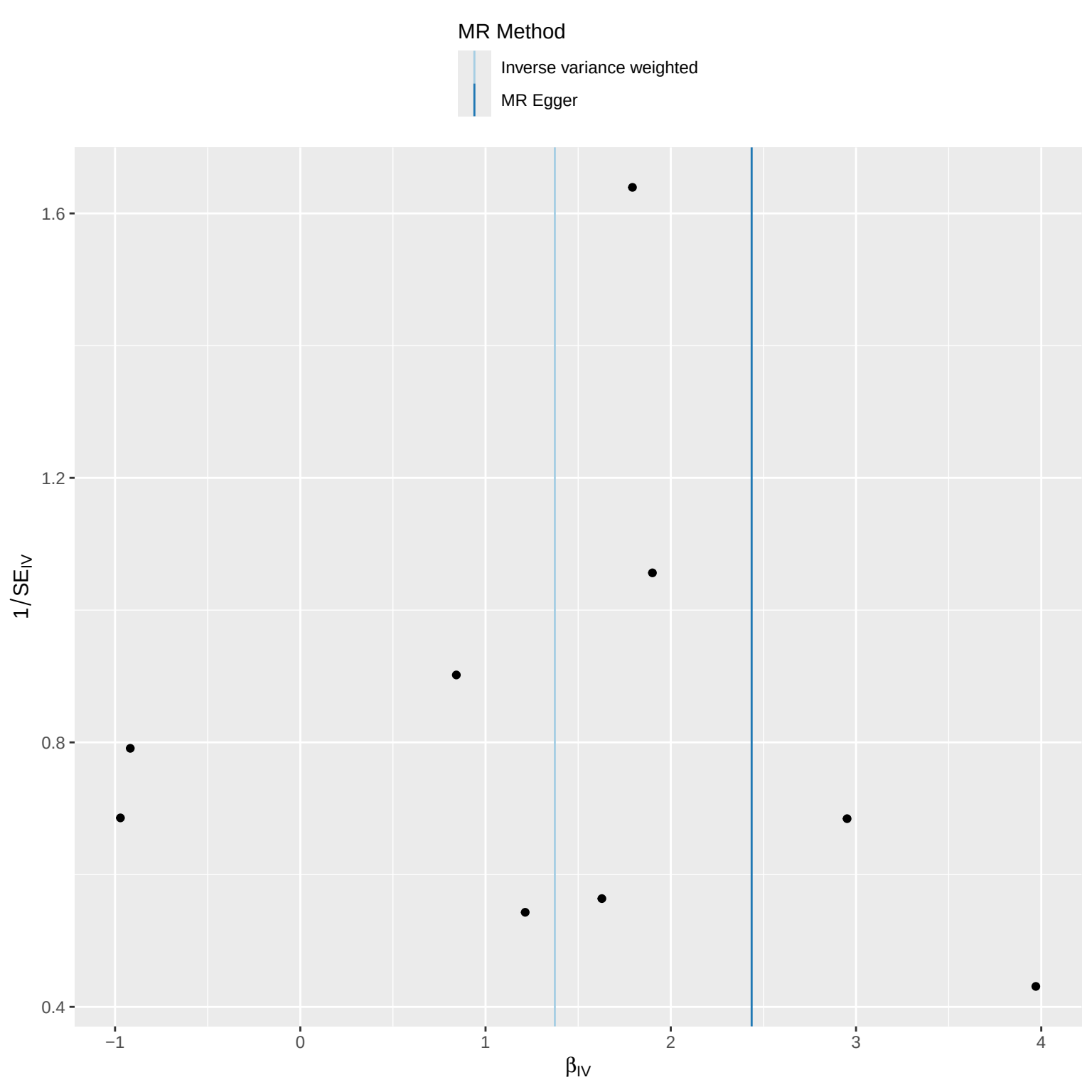

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

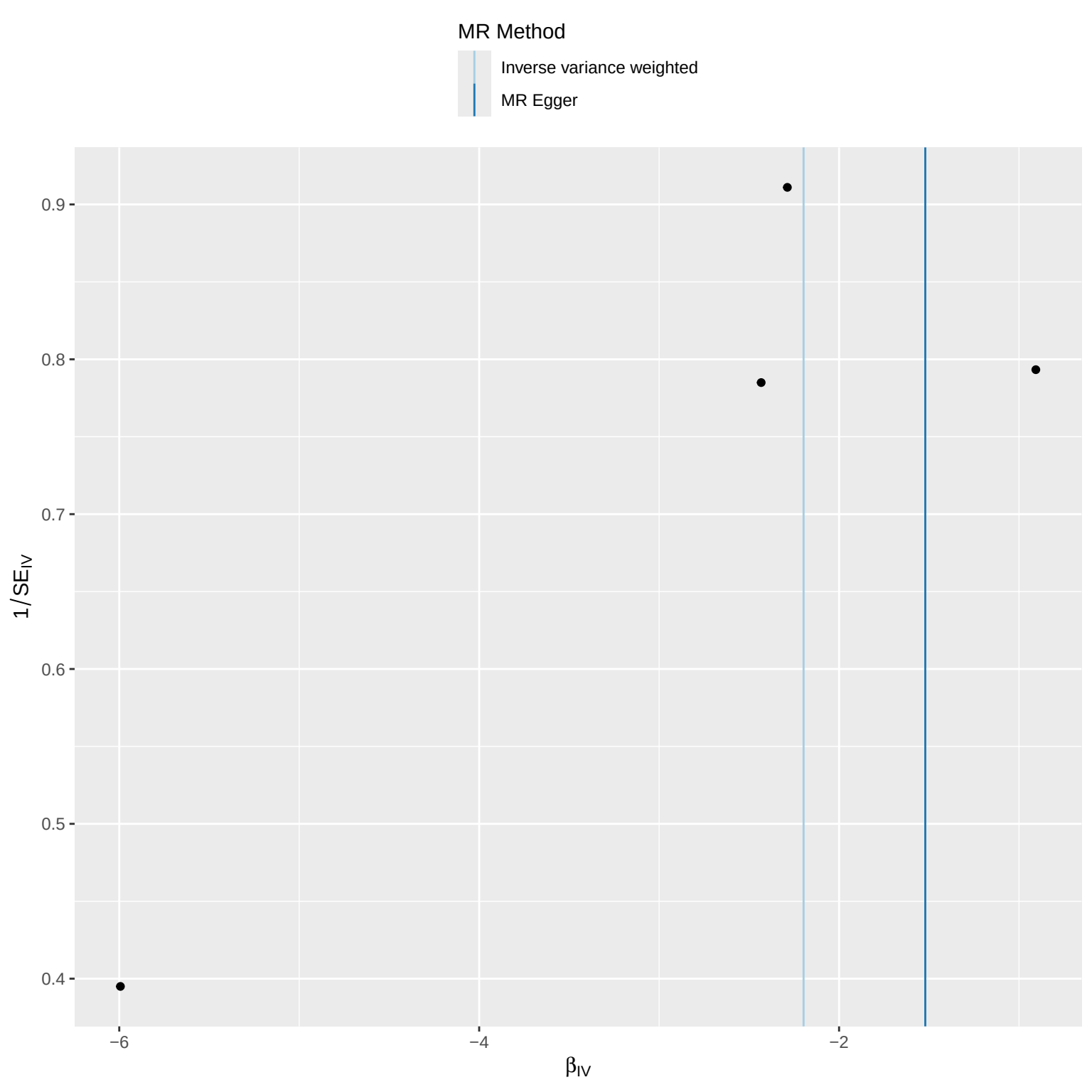

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

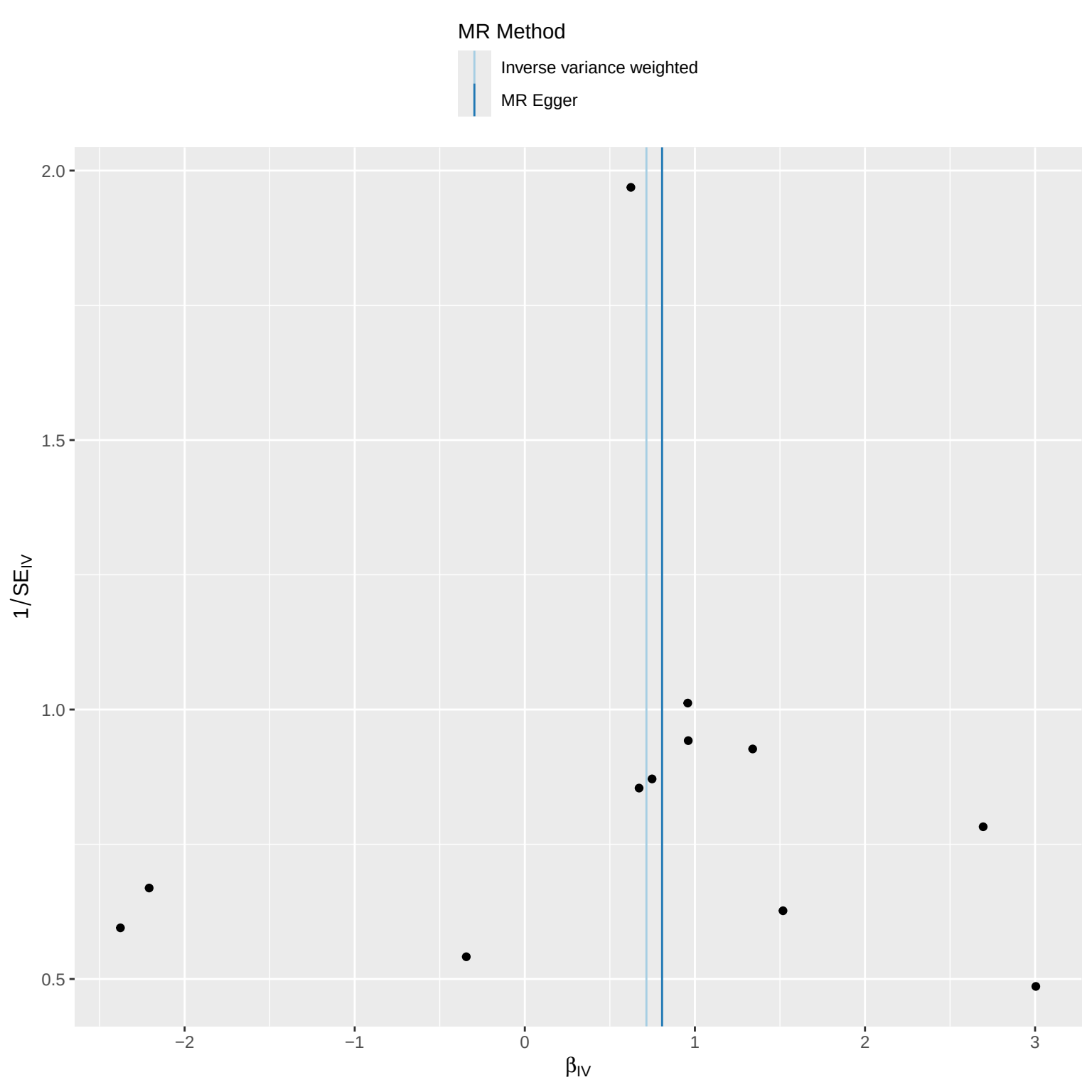

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

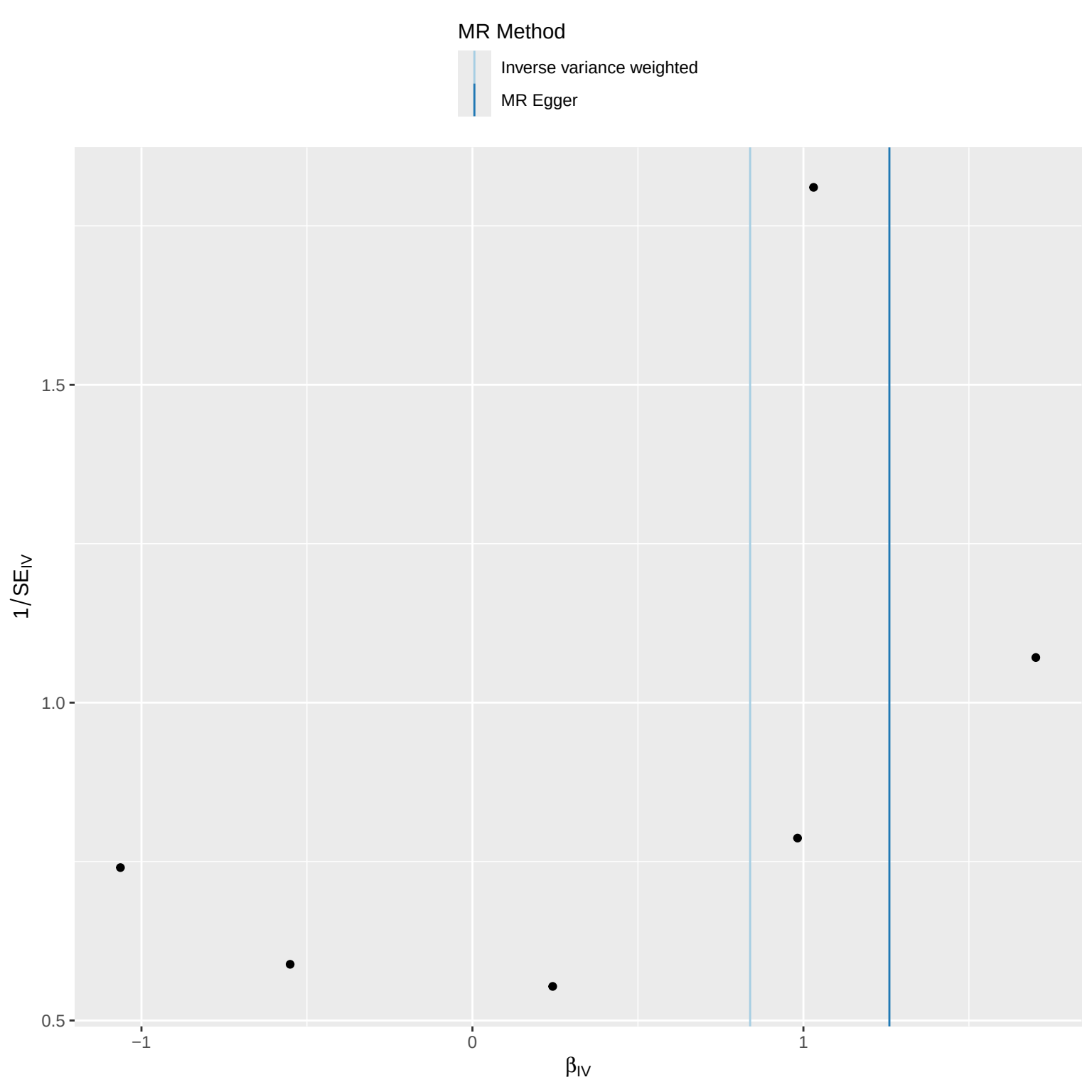

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

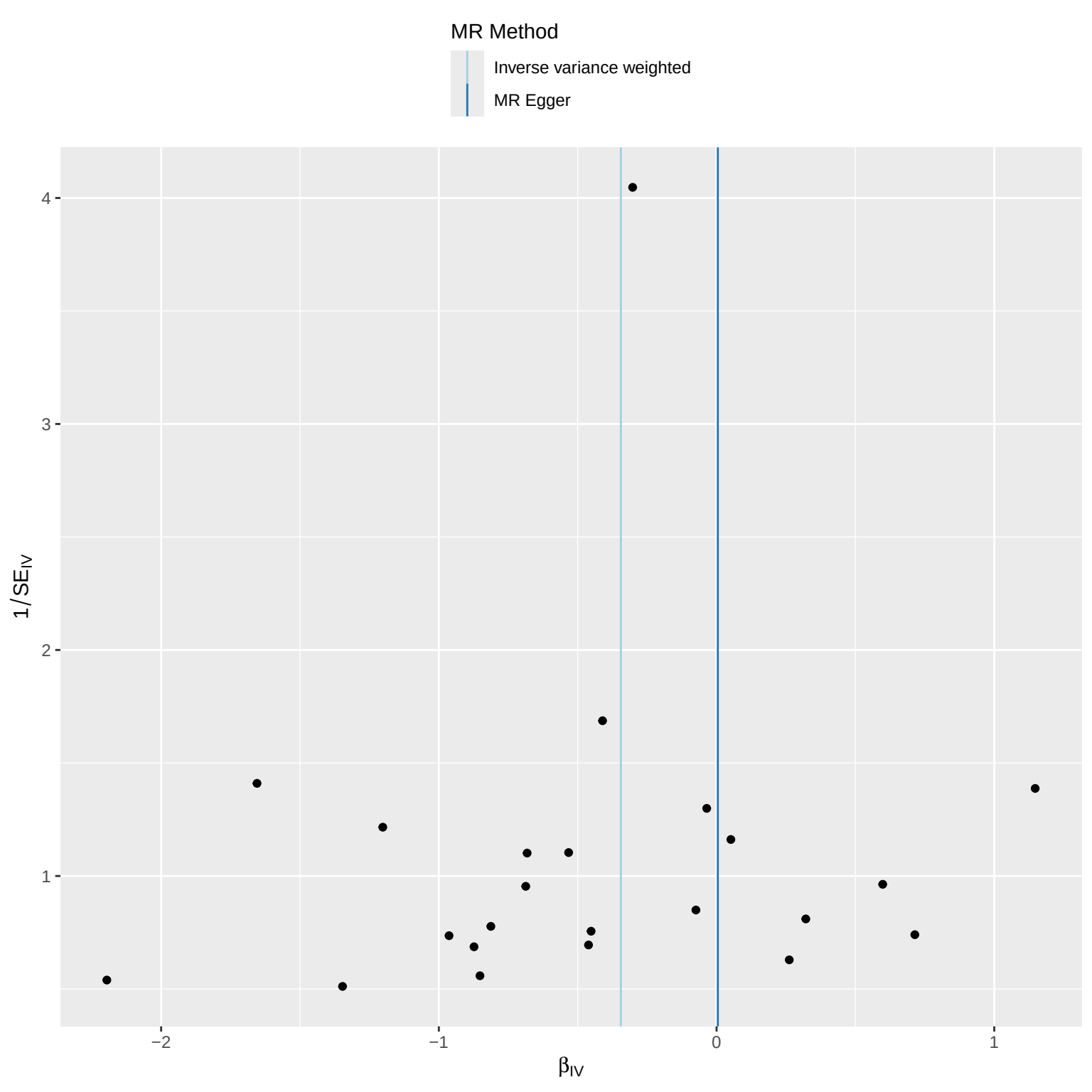

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
2
β_IV

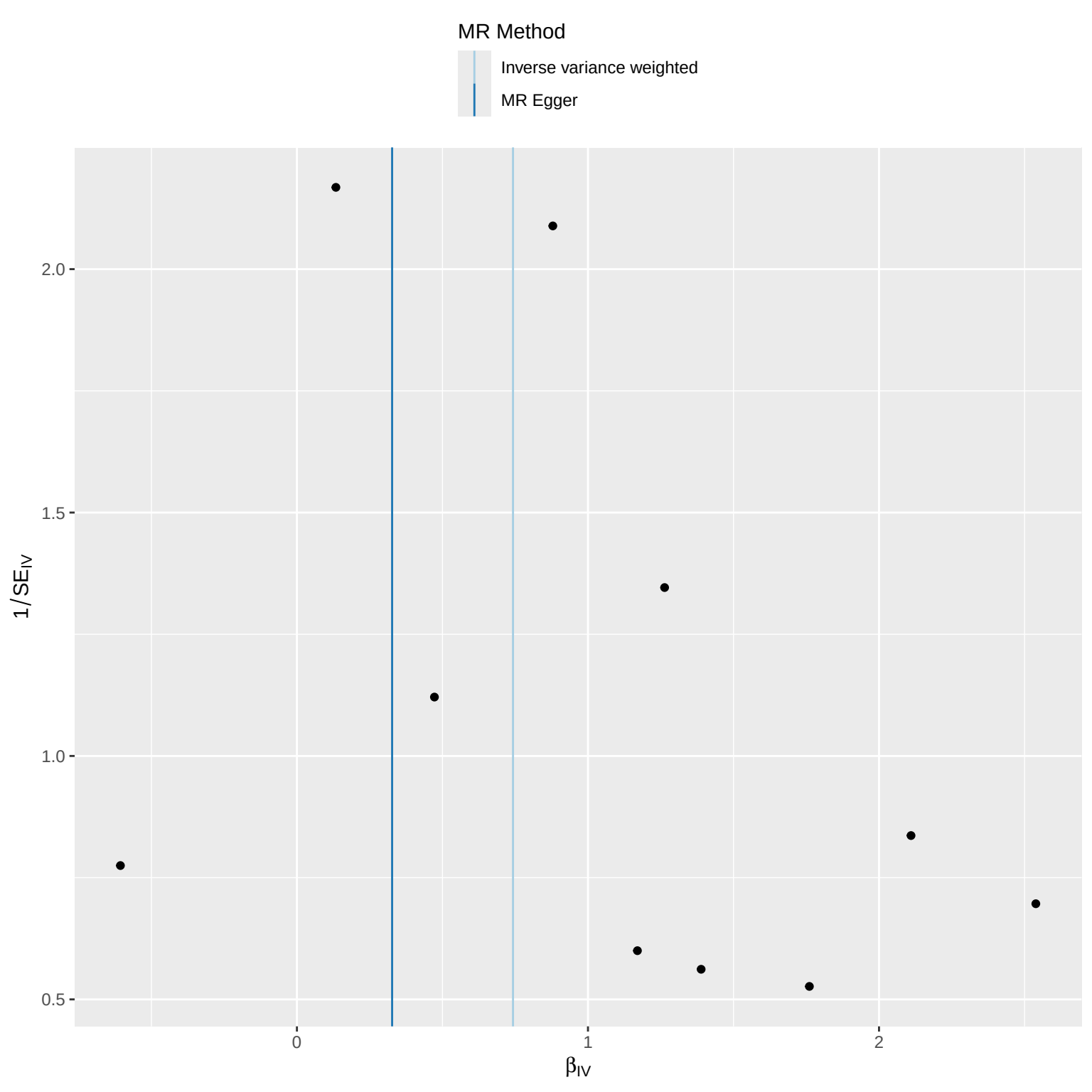

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
4
β_IV

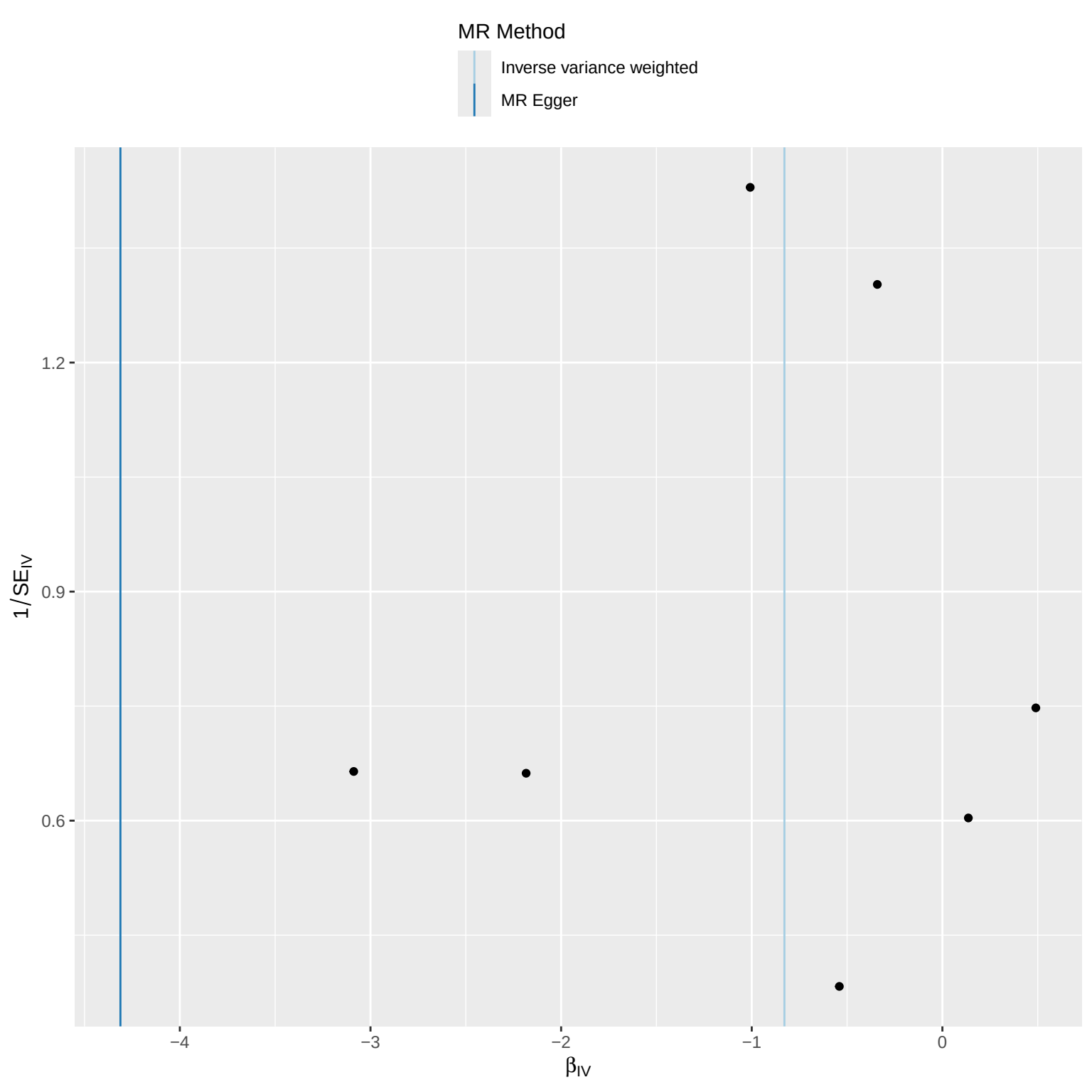

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−6
−4
−2
β_IV

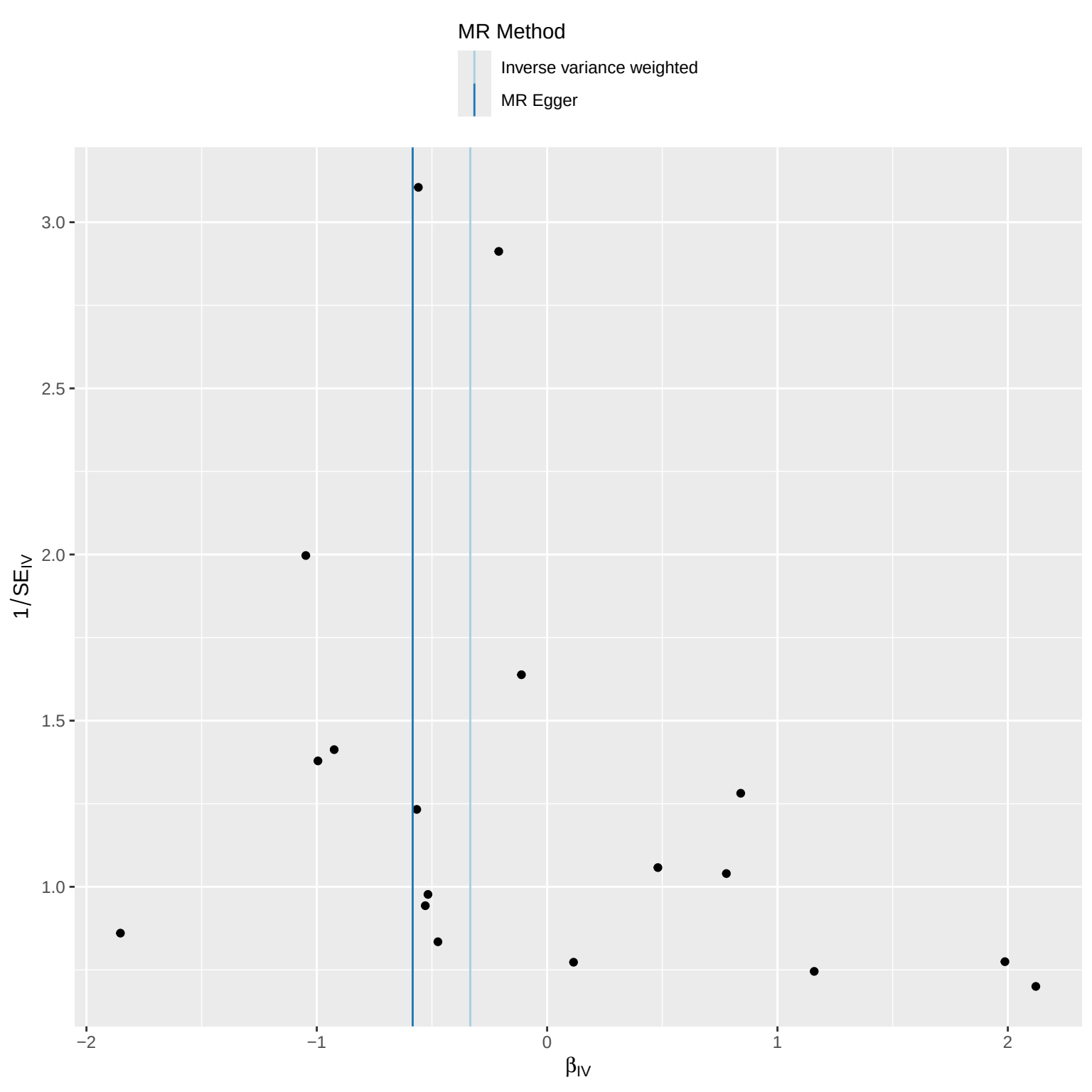

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

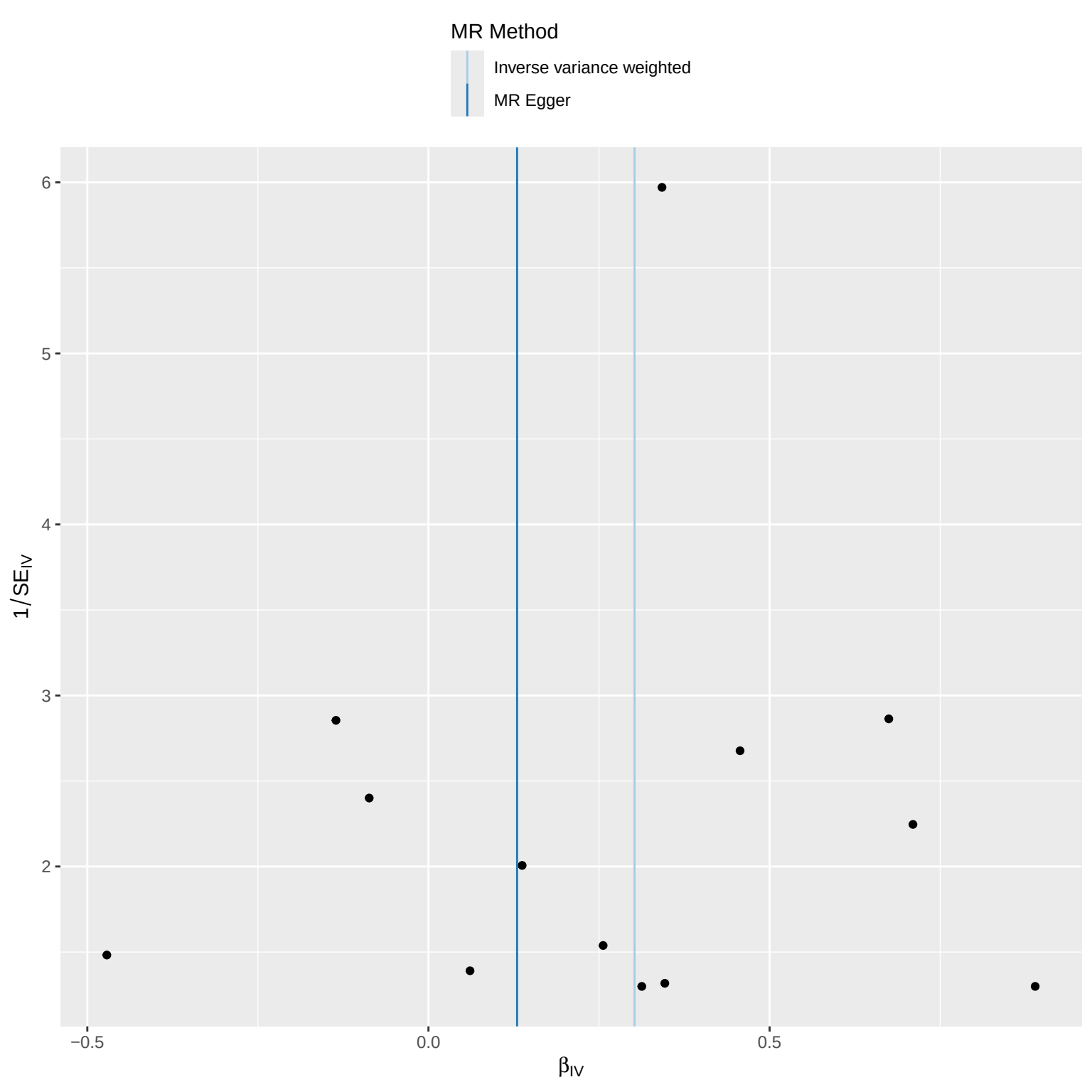

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
β_IV

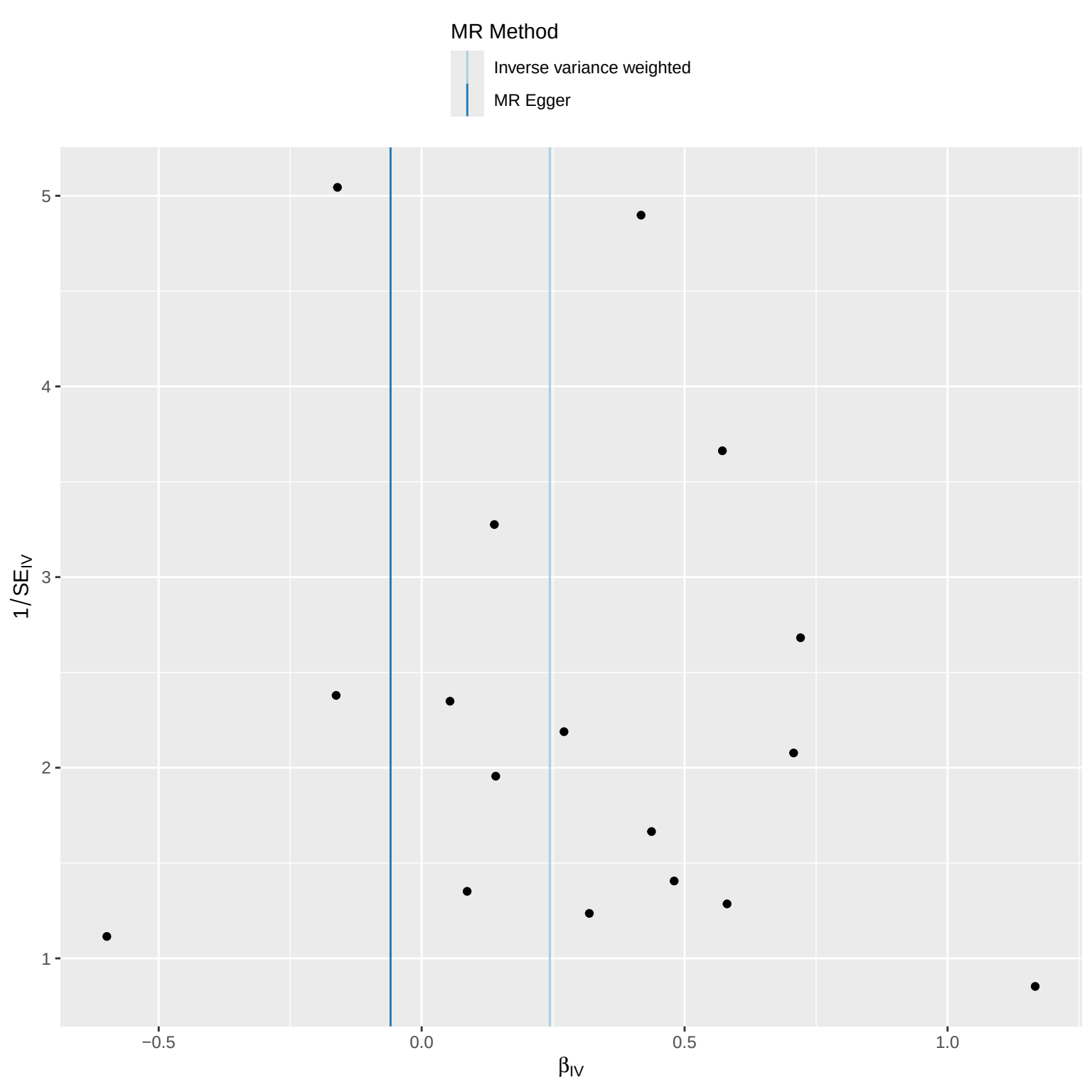

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

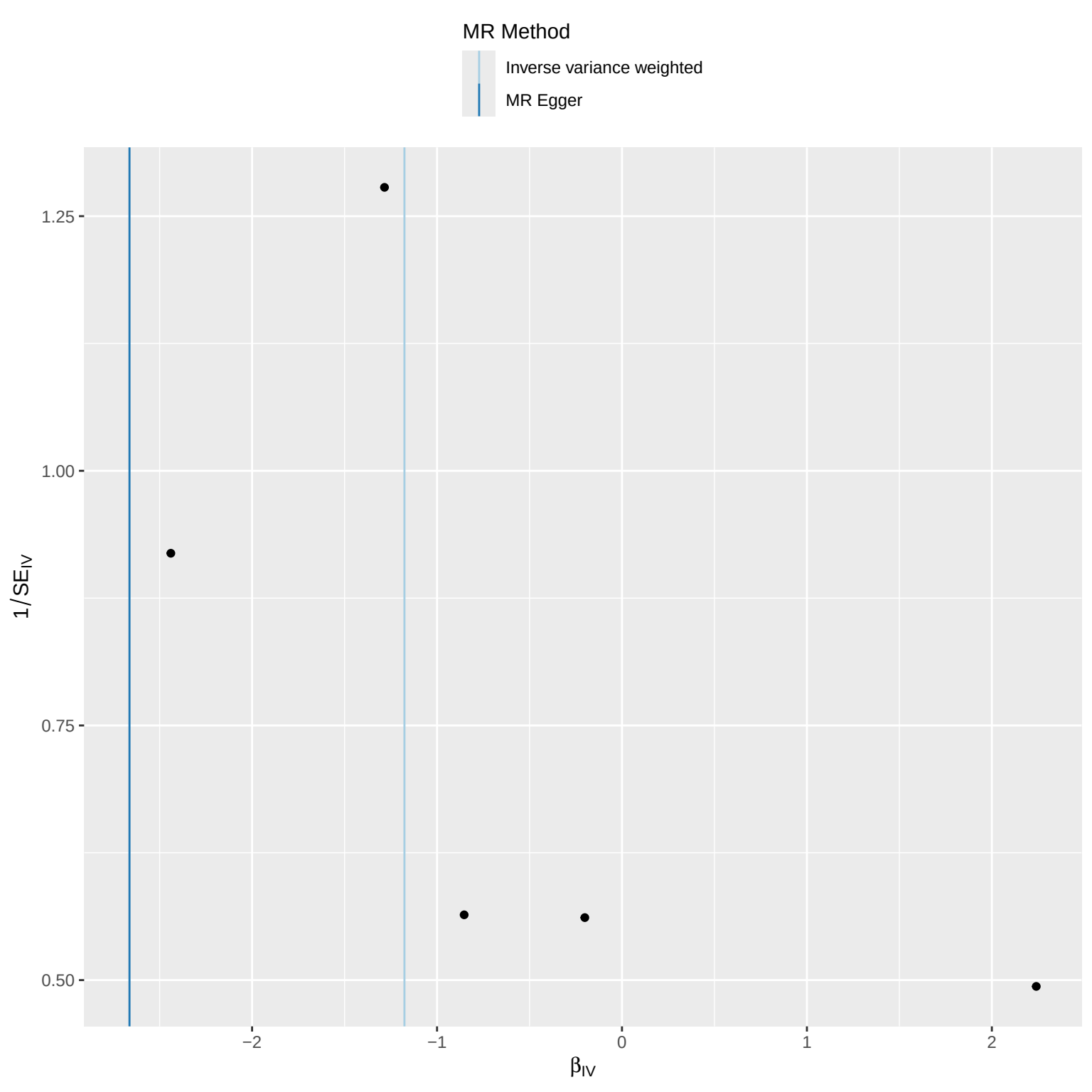

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

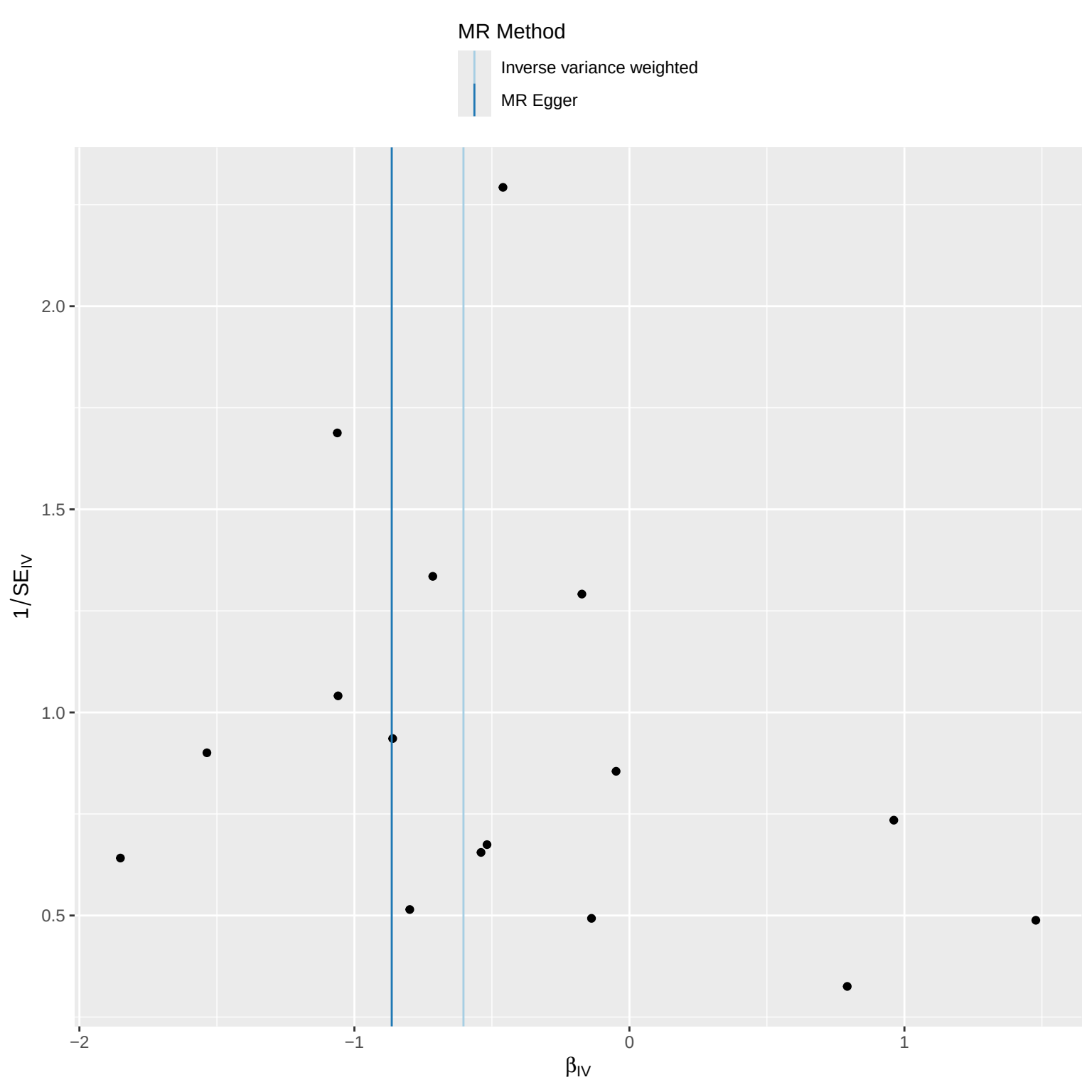

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−4
−3
−2
−1
0
β_IV

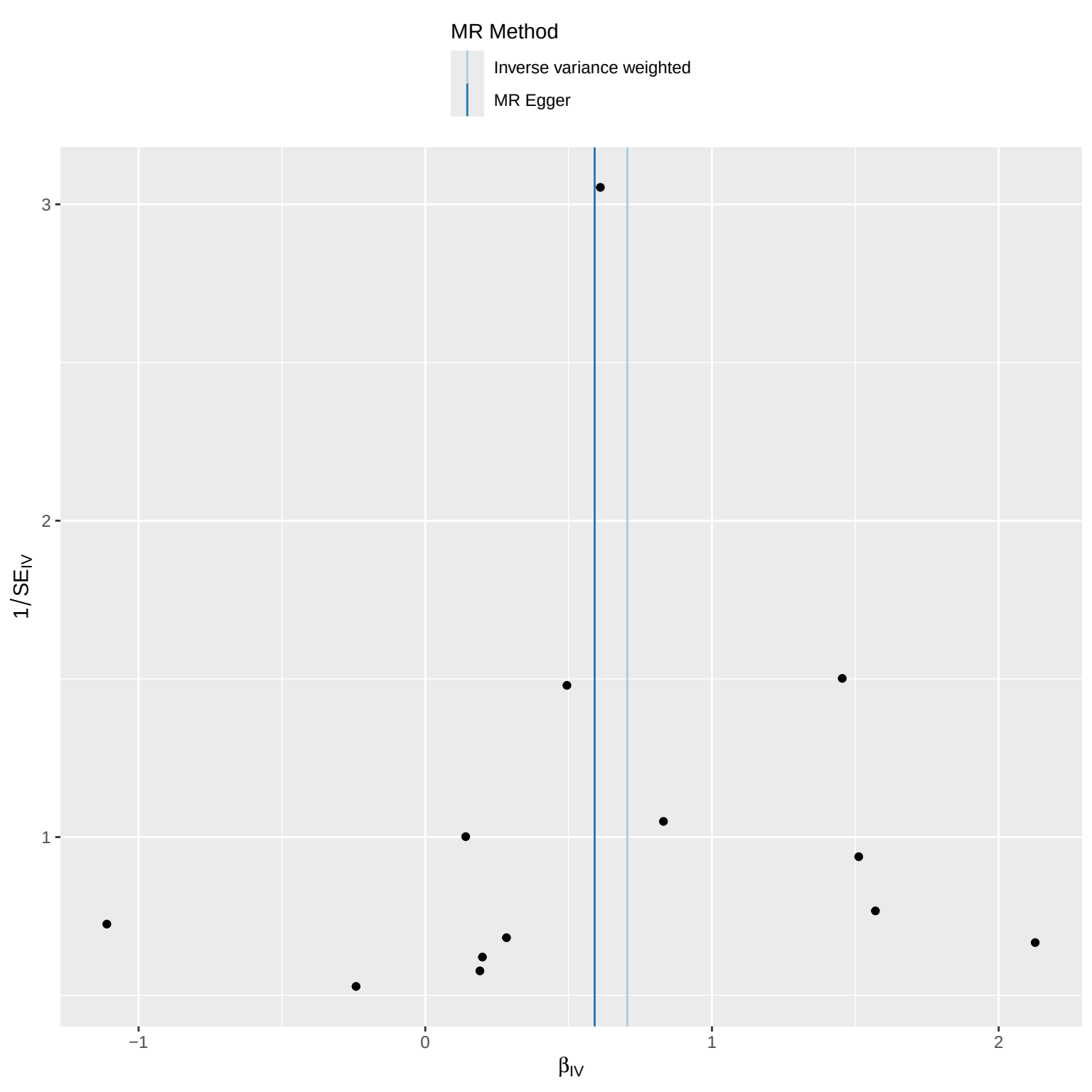

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
2
β_IV

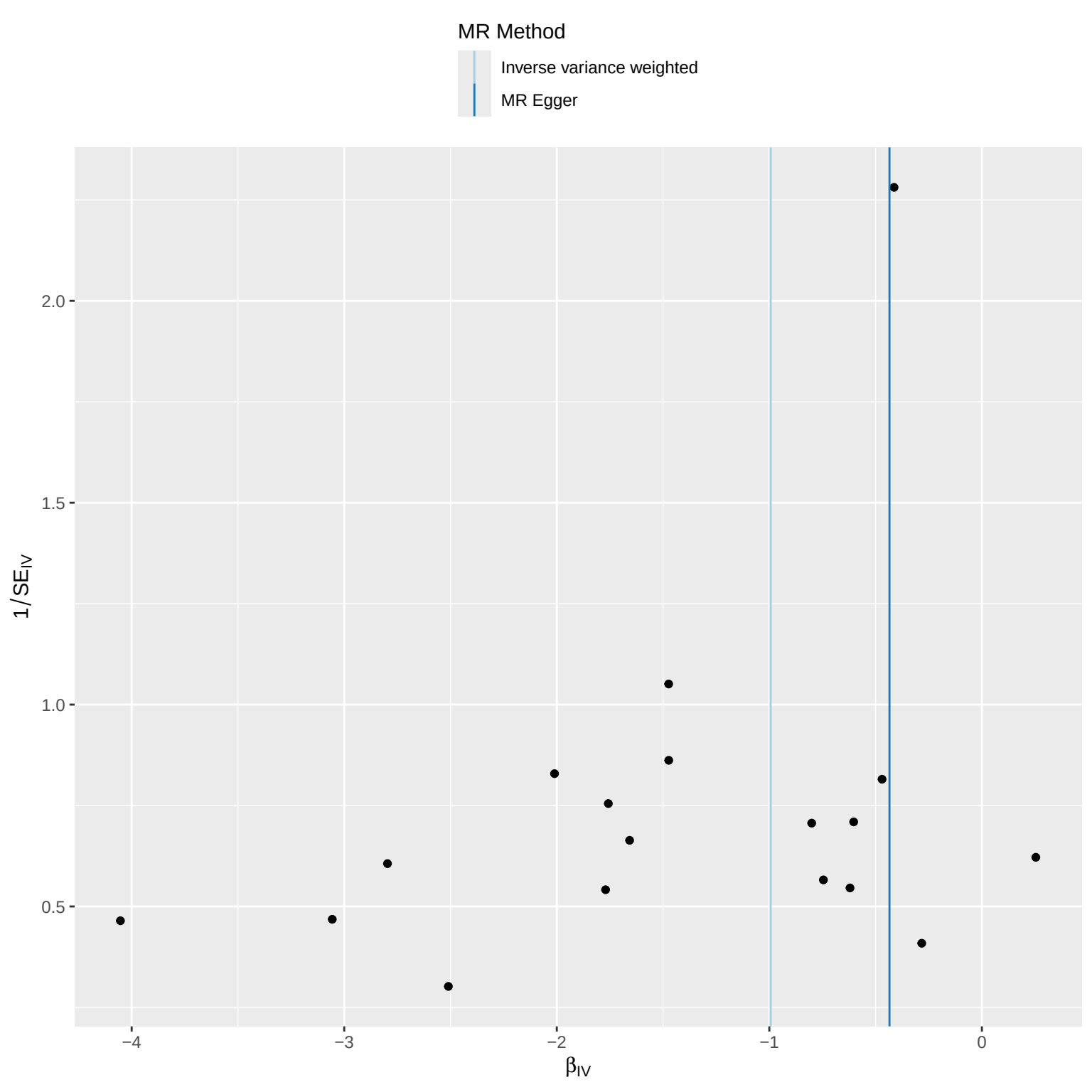

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.5
0.0
0.5
β_IV

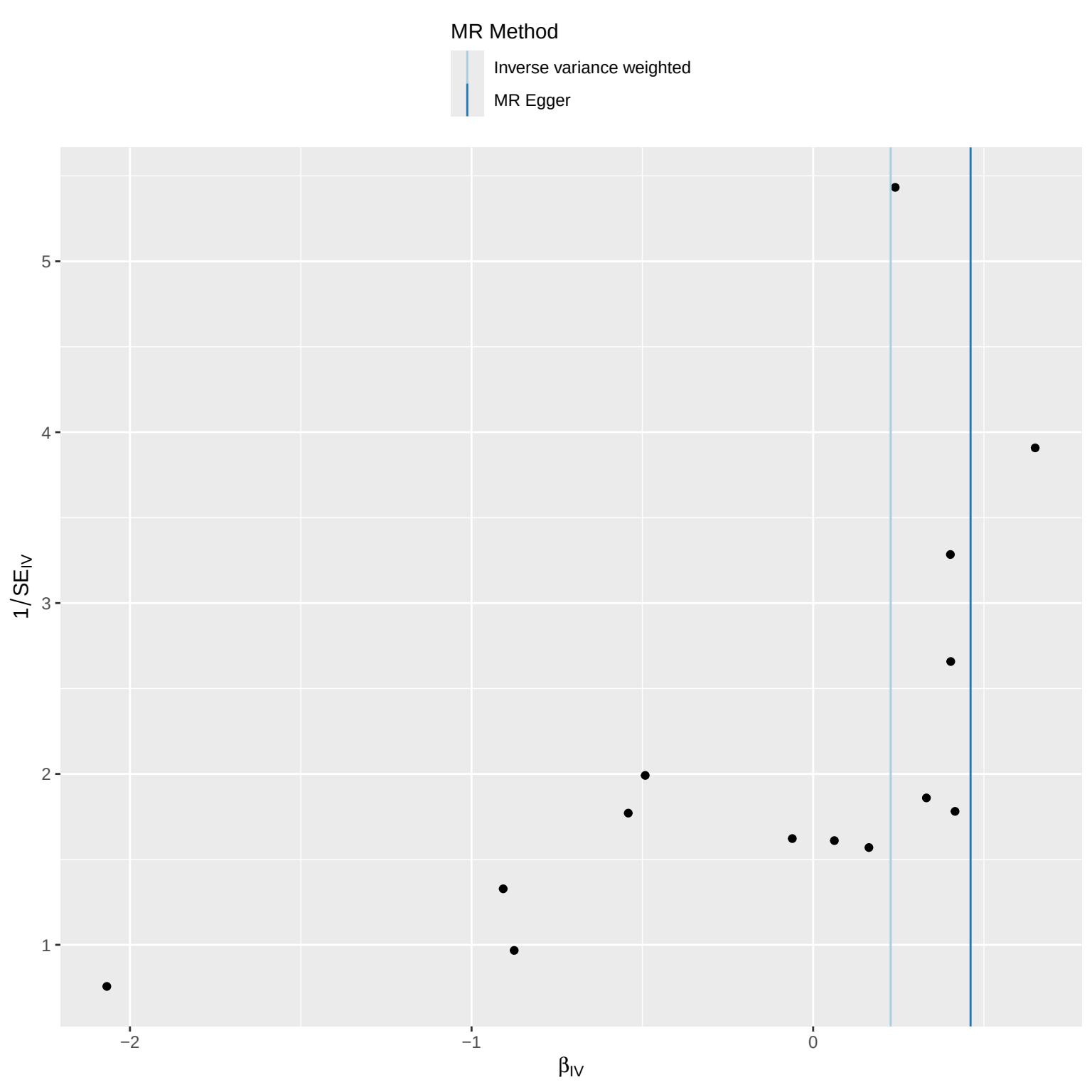

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

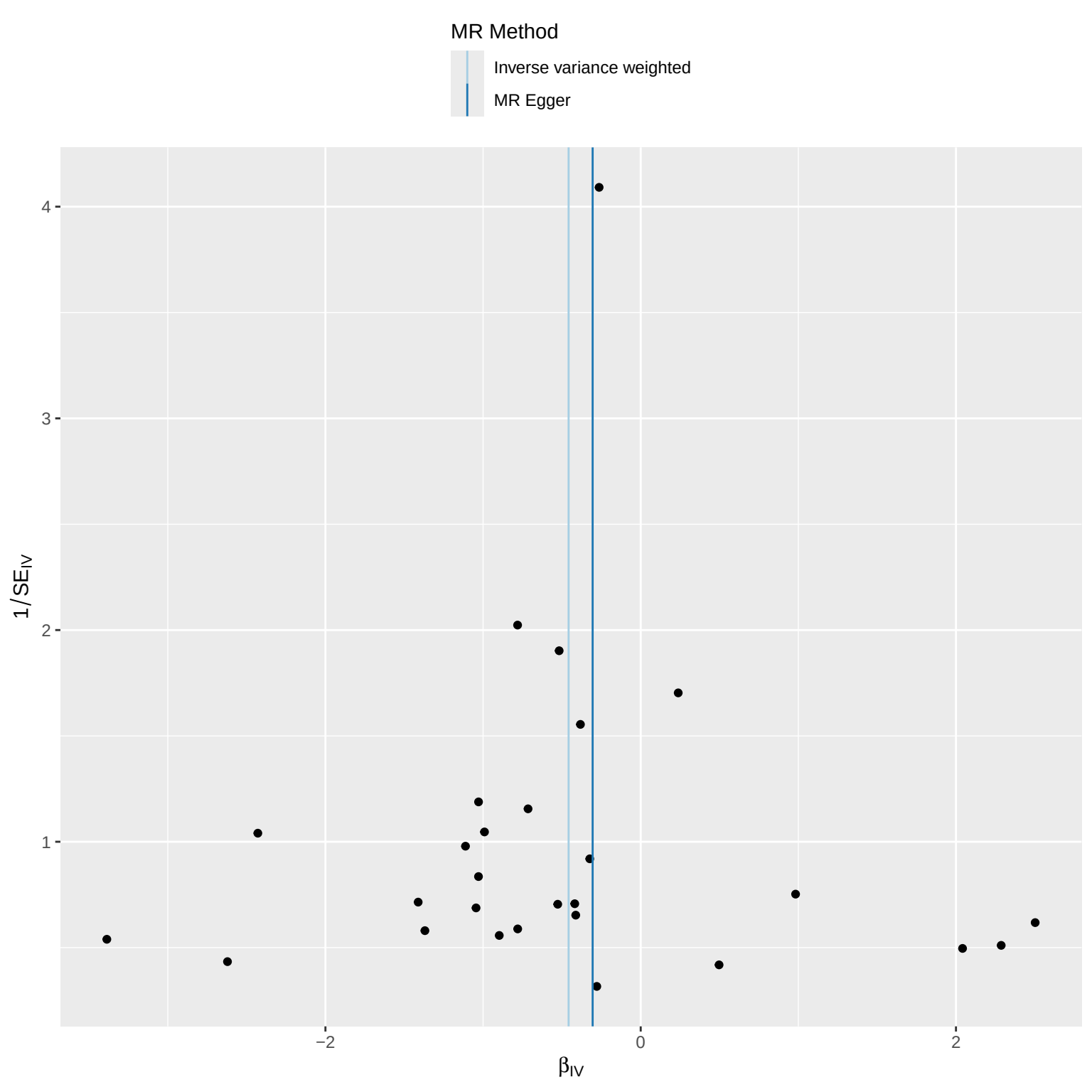

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
2
β_IV

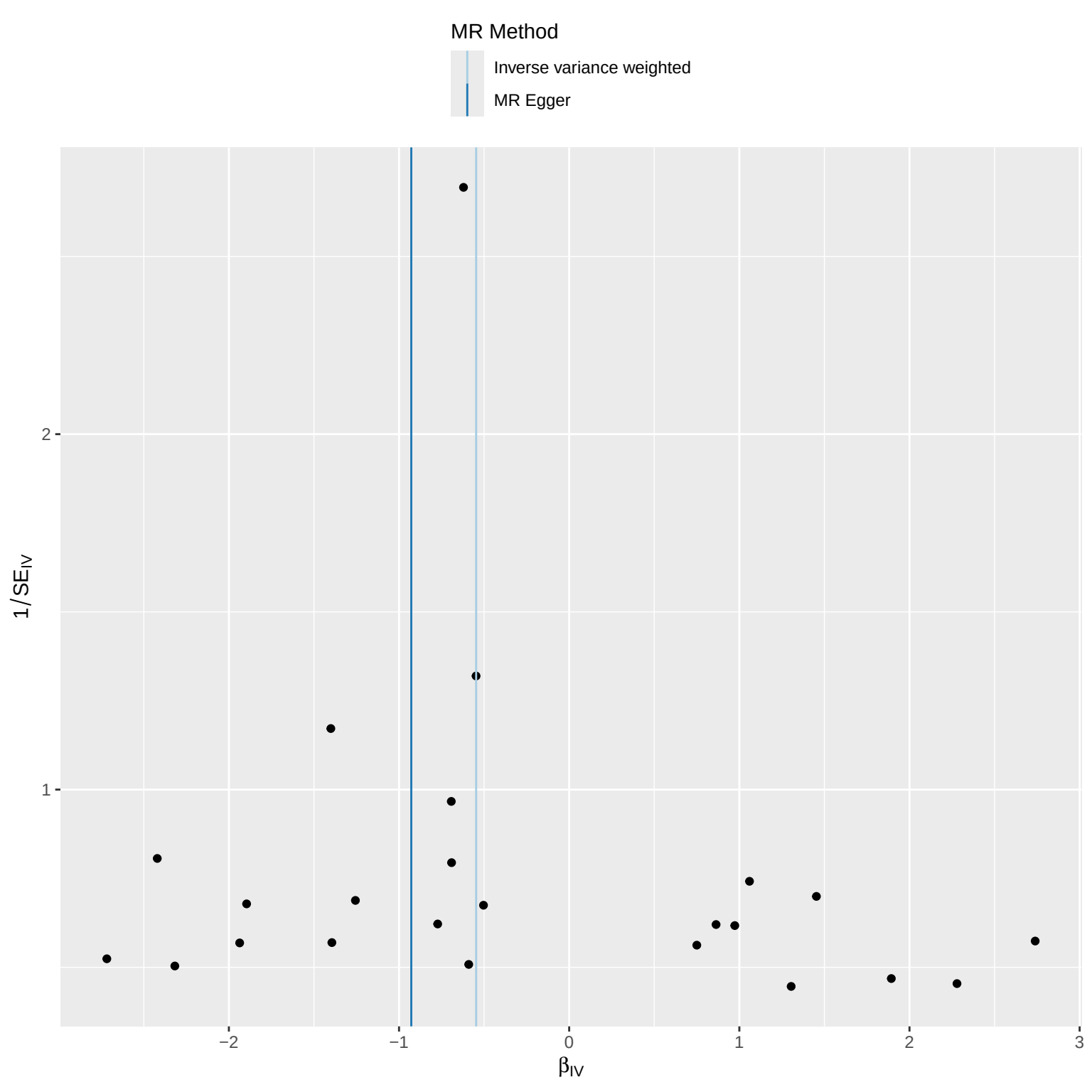

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

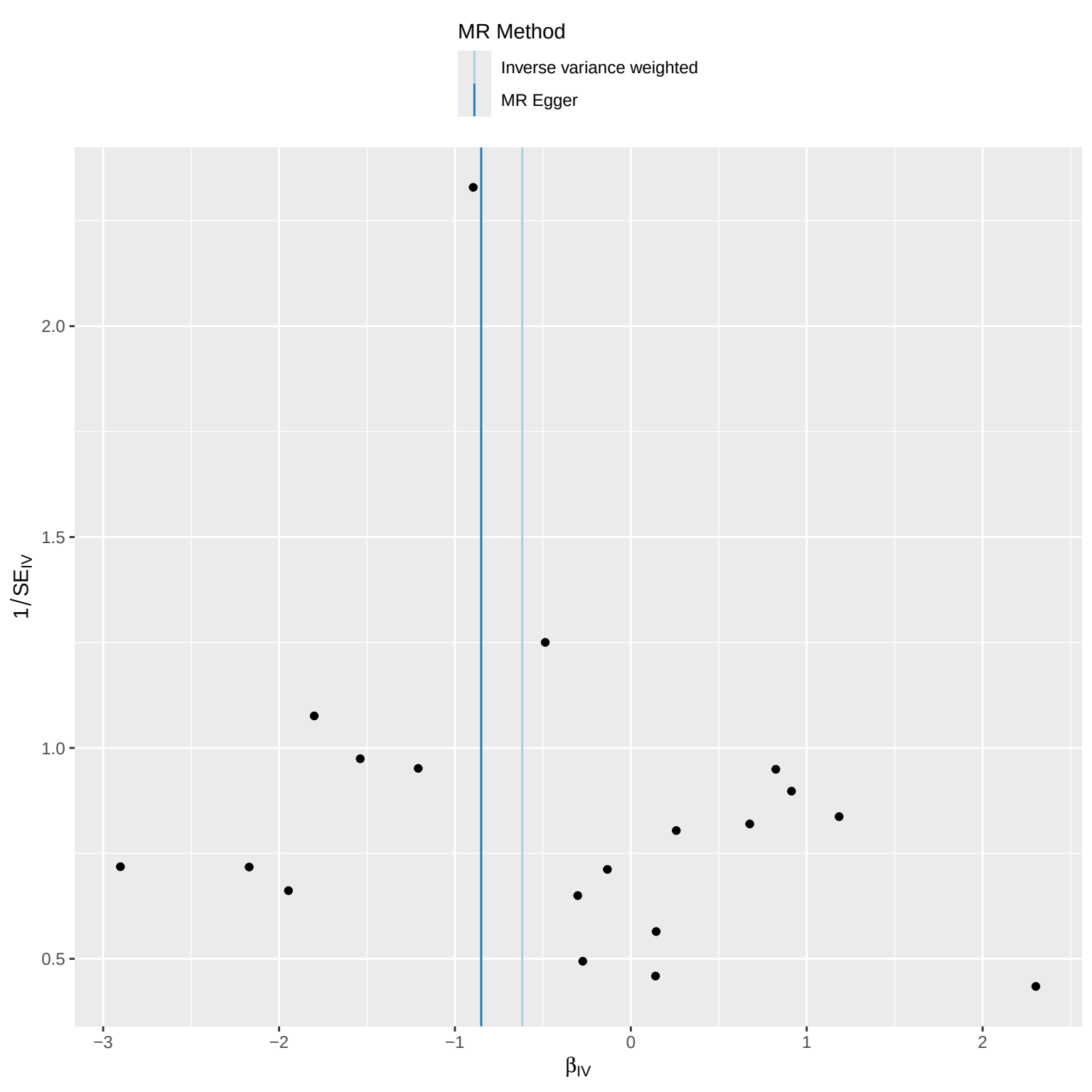

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

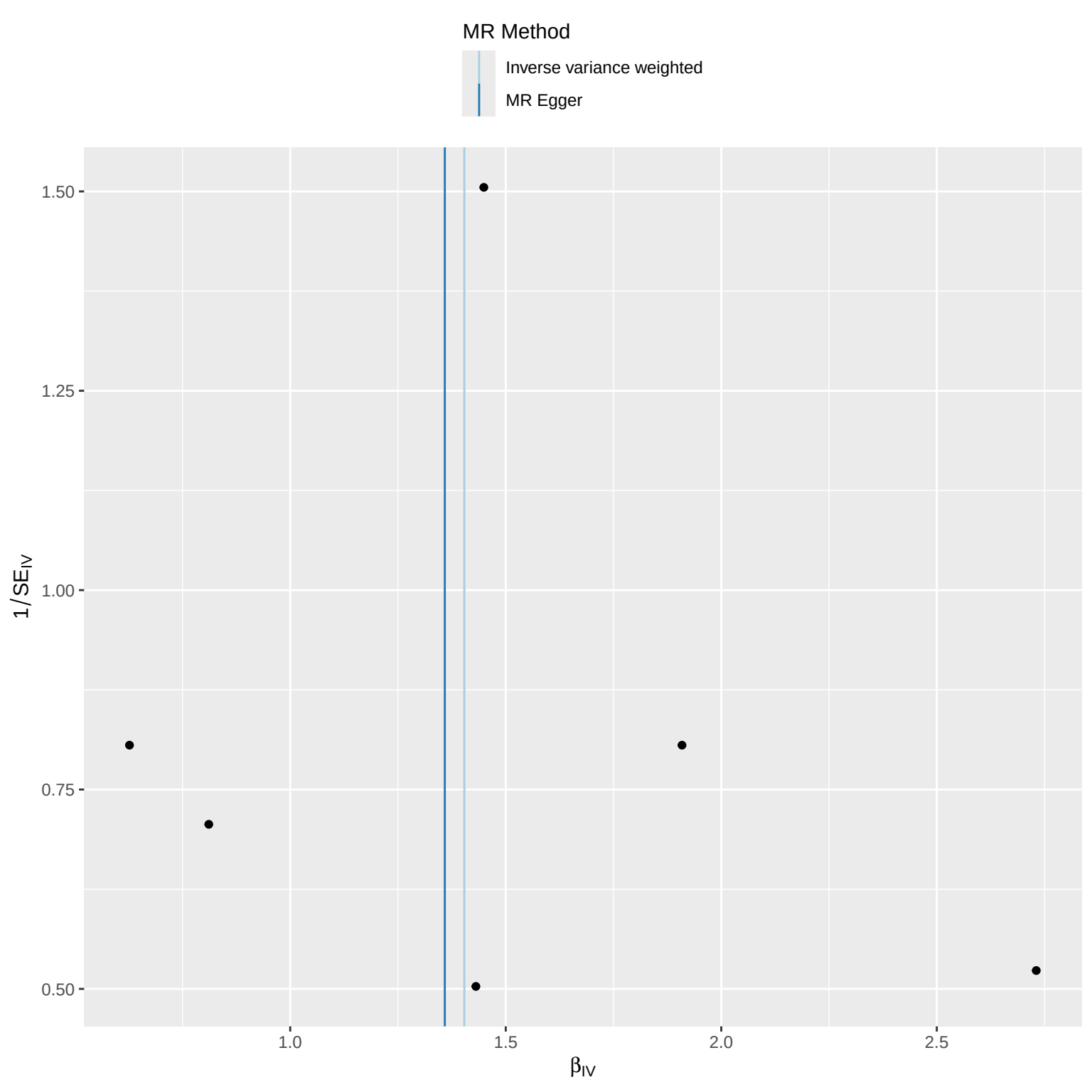

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

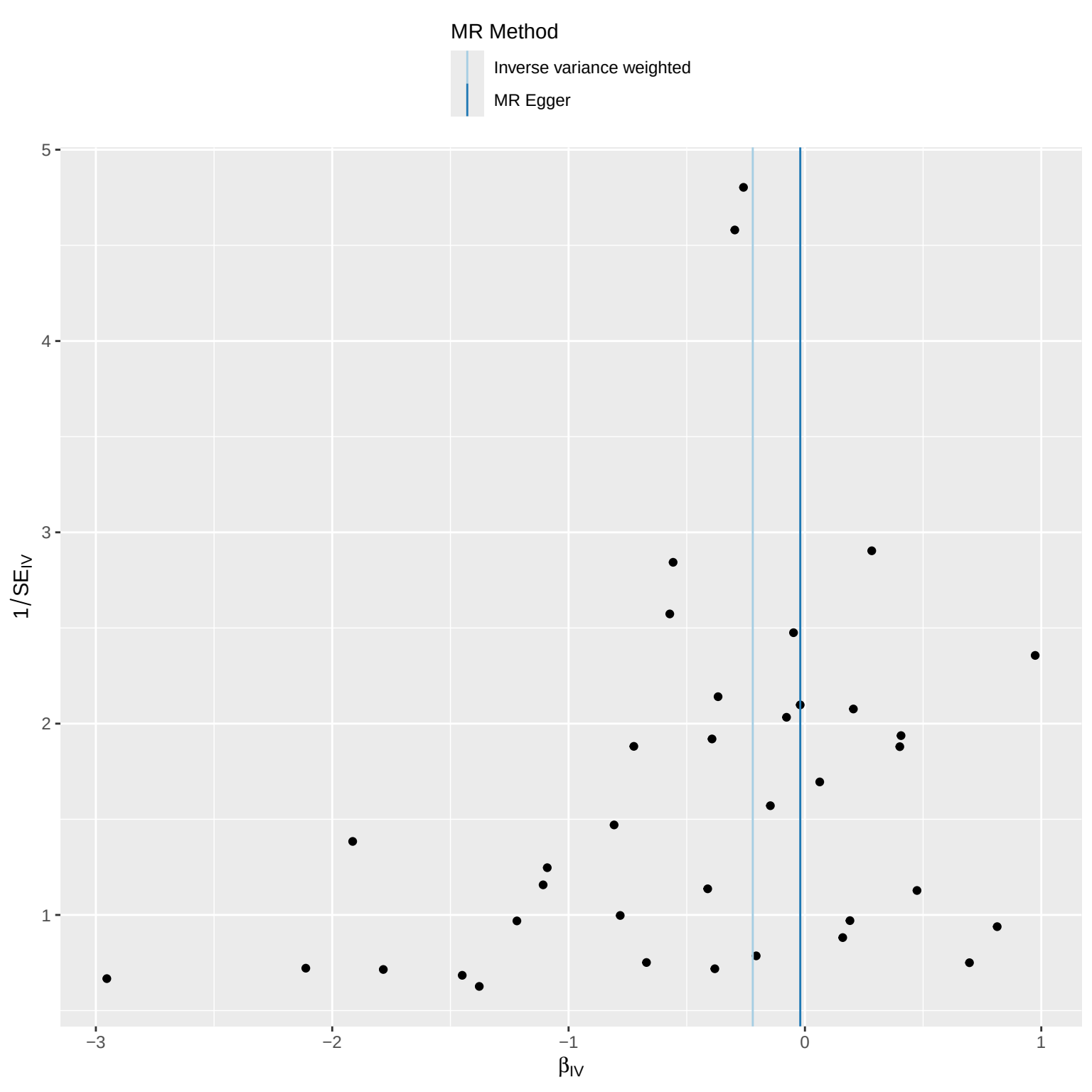

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

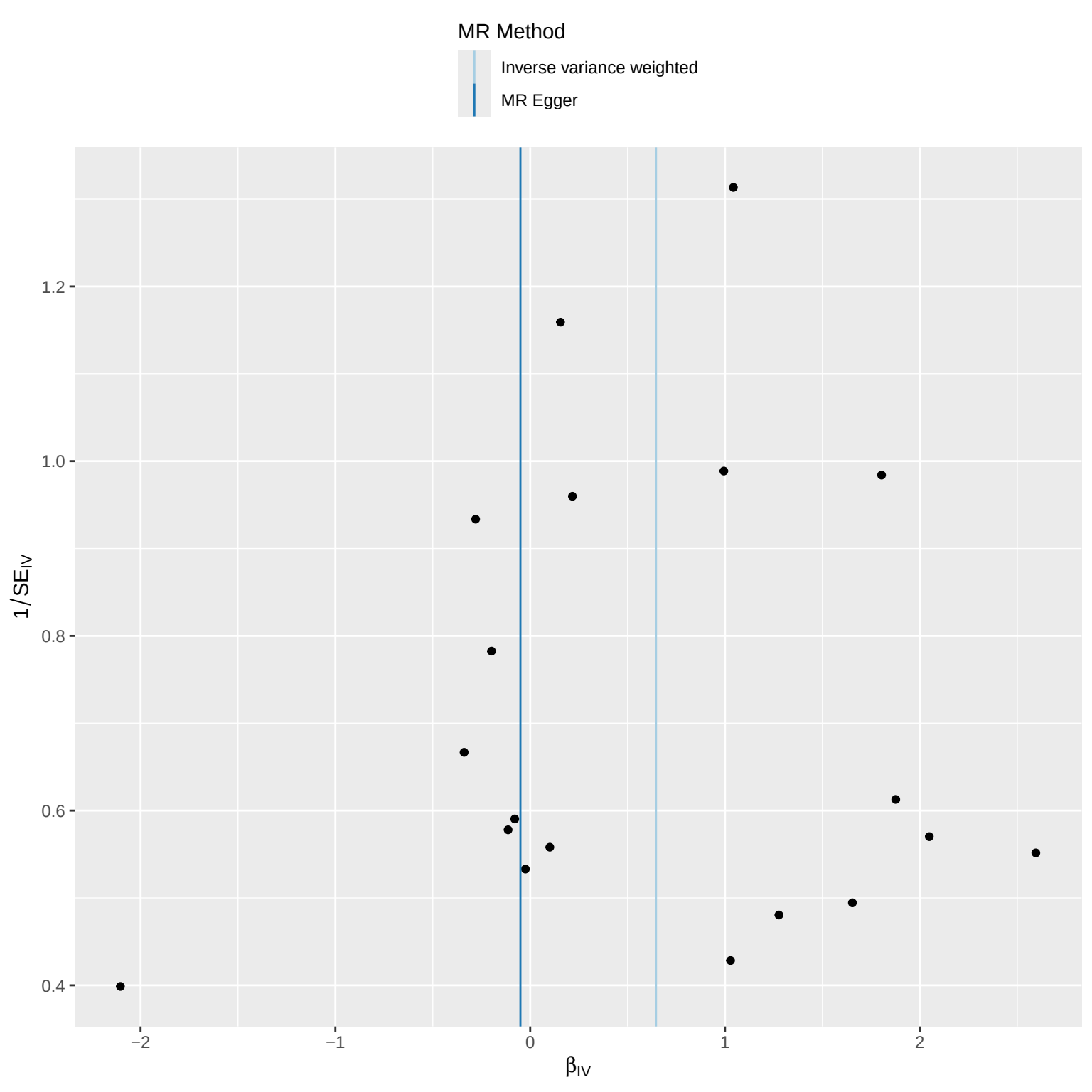

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

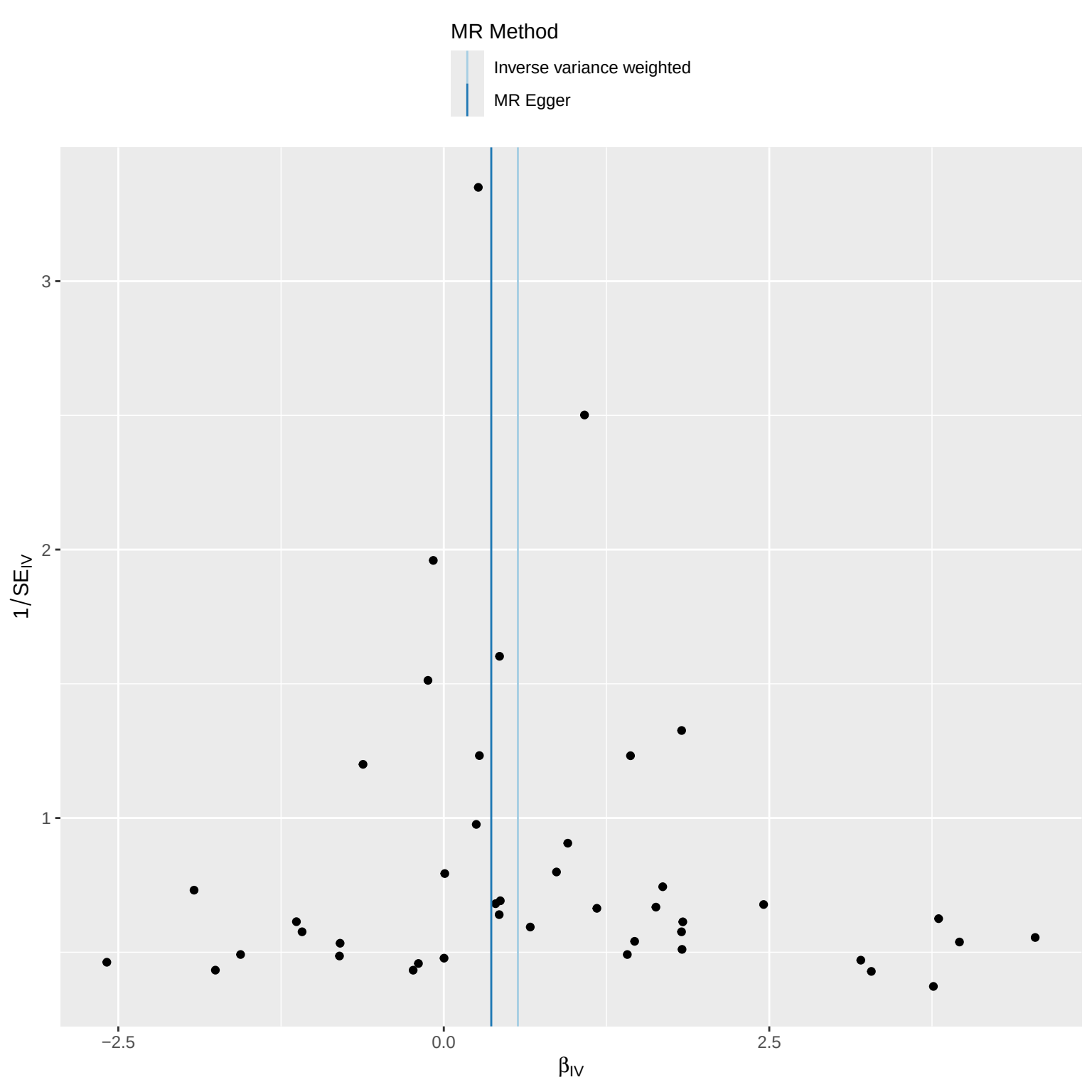

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

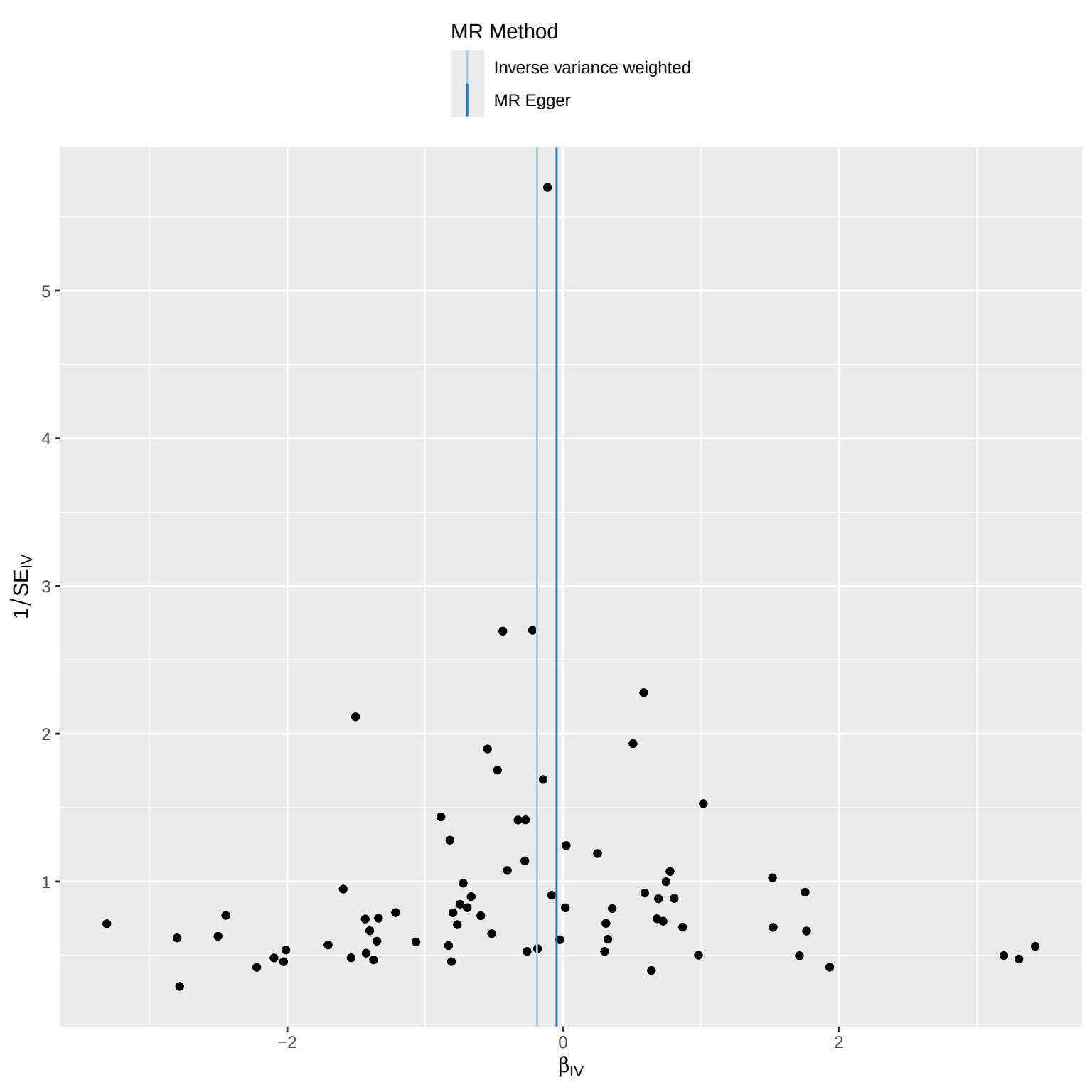

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

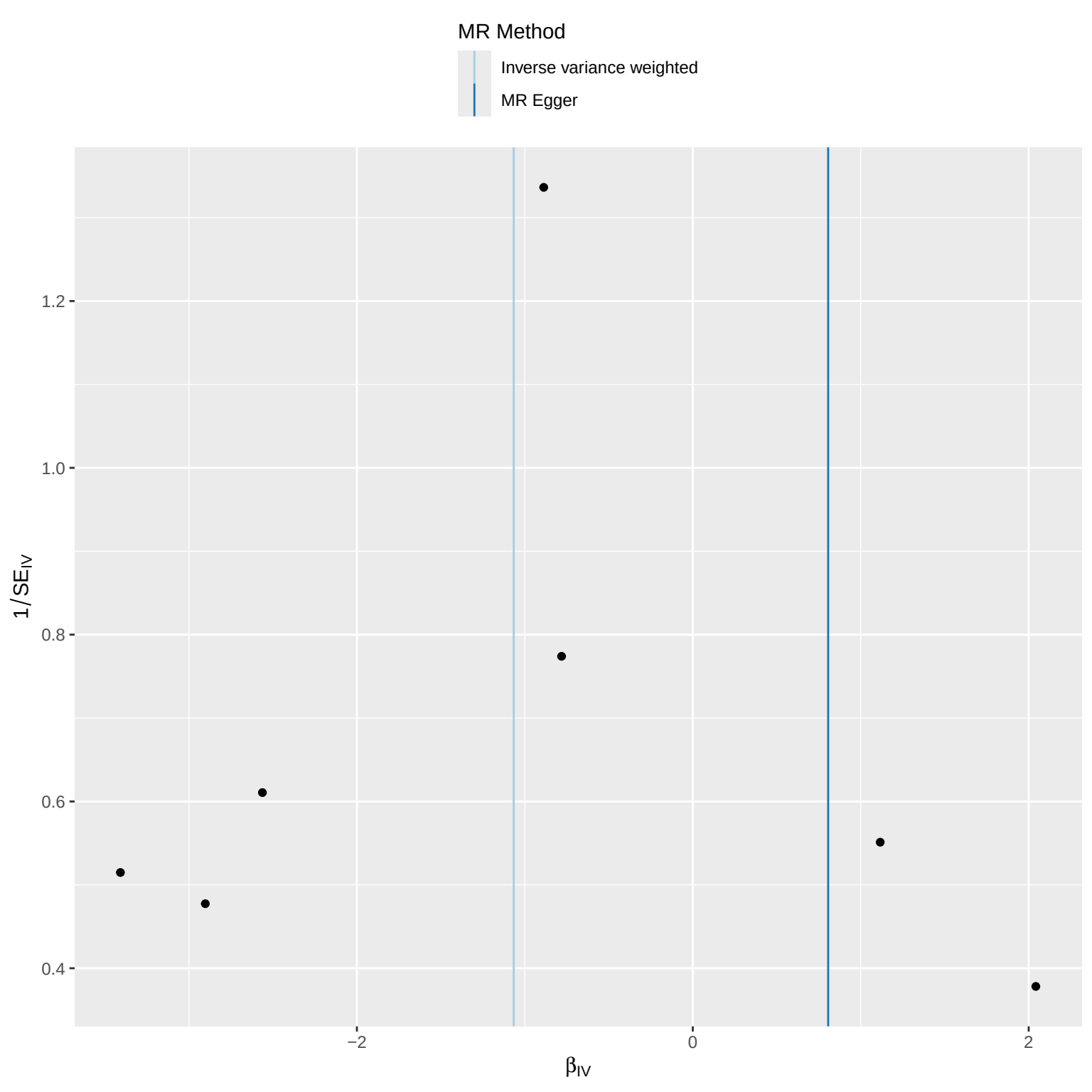

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

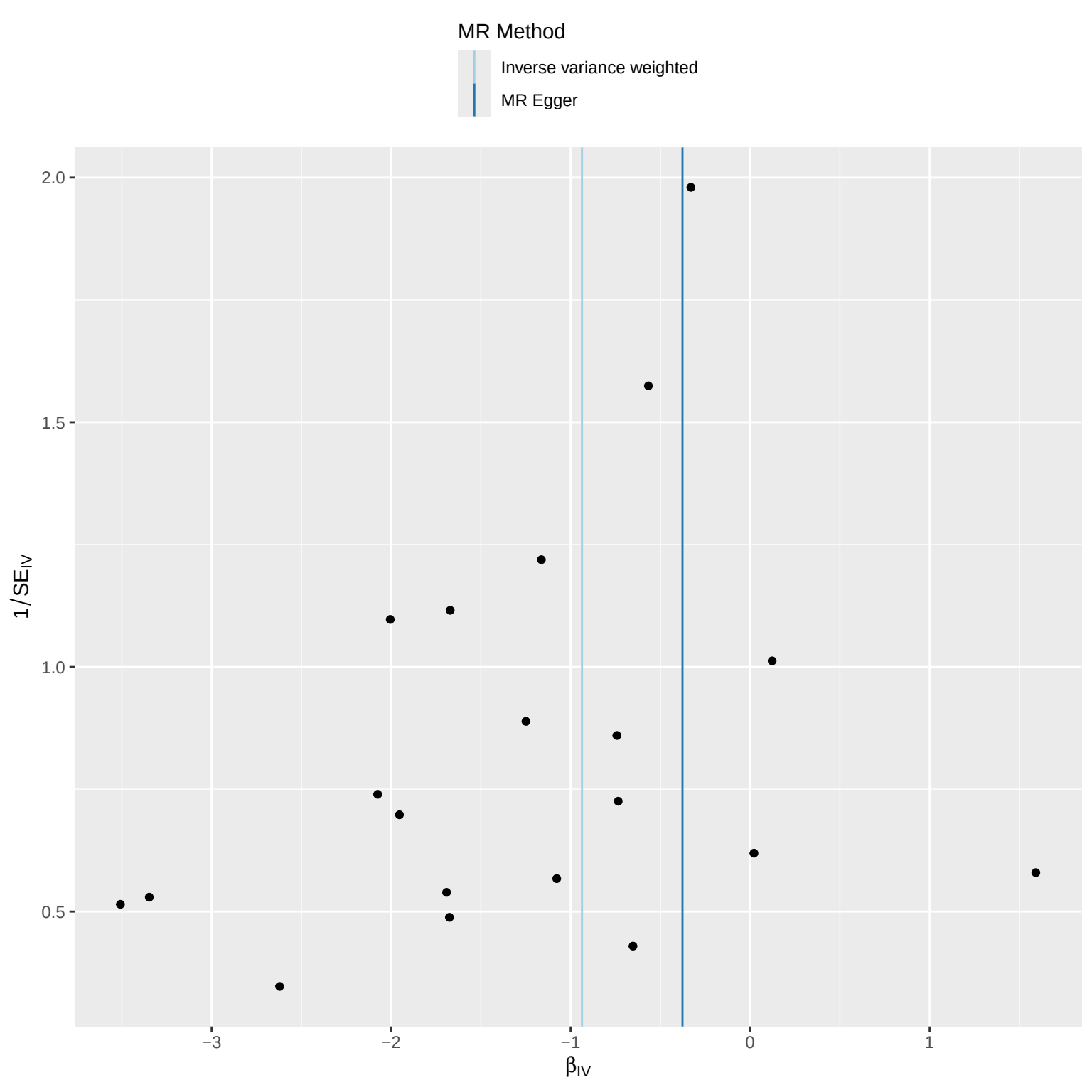

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

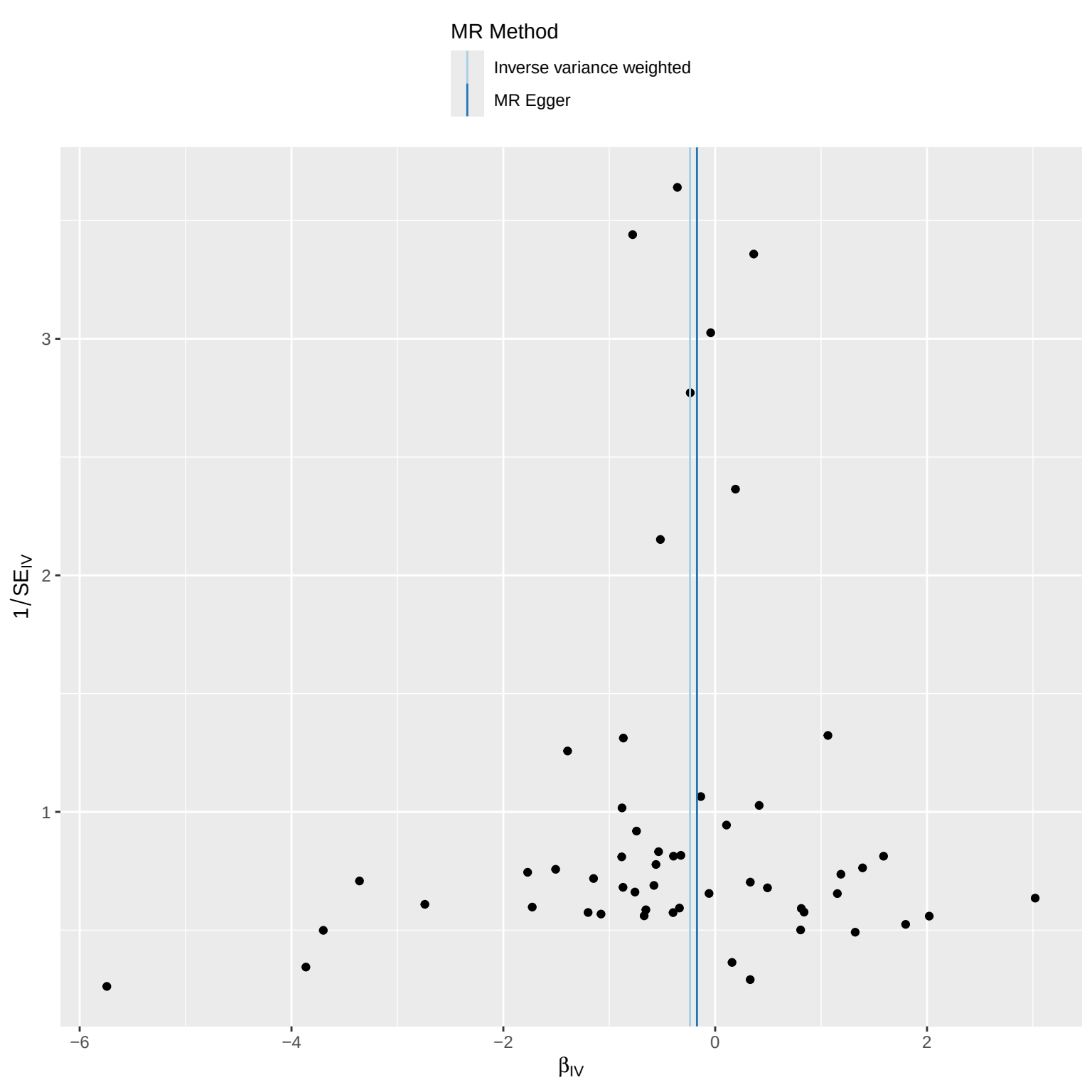

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

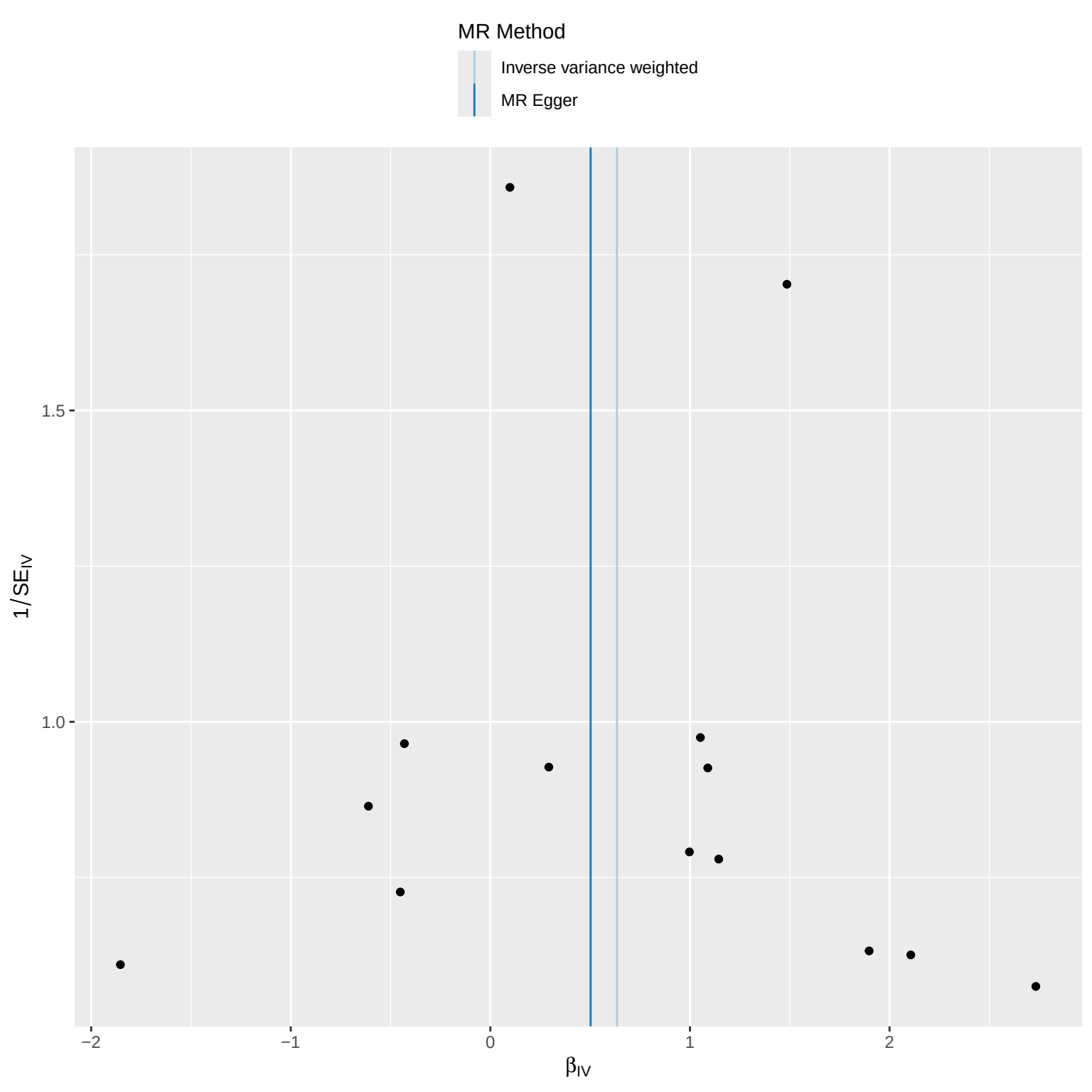

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

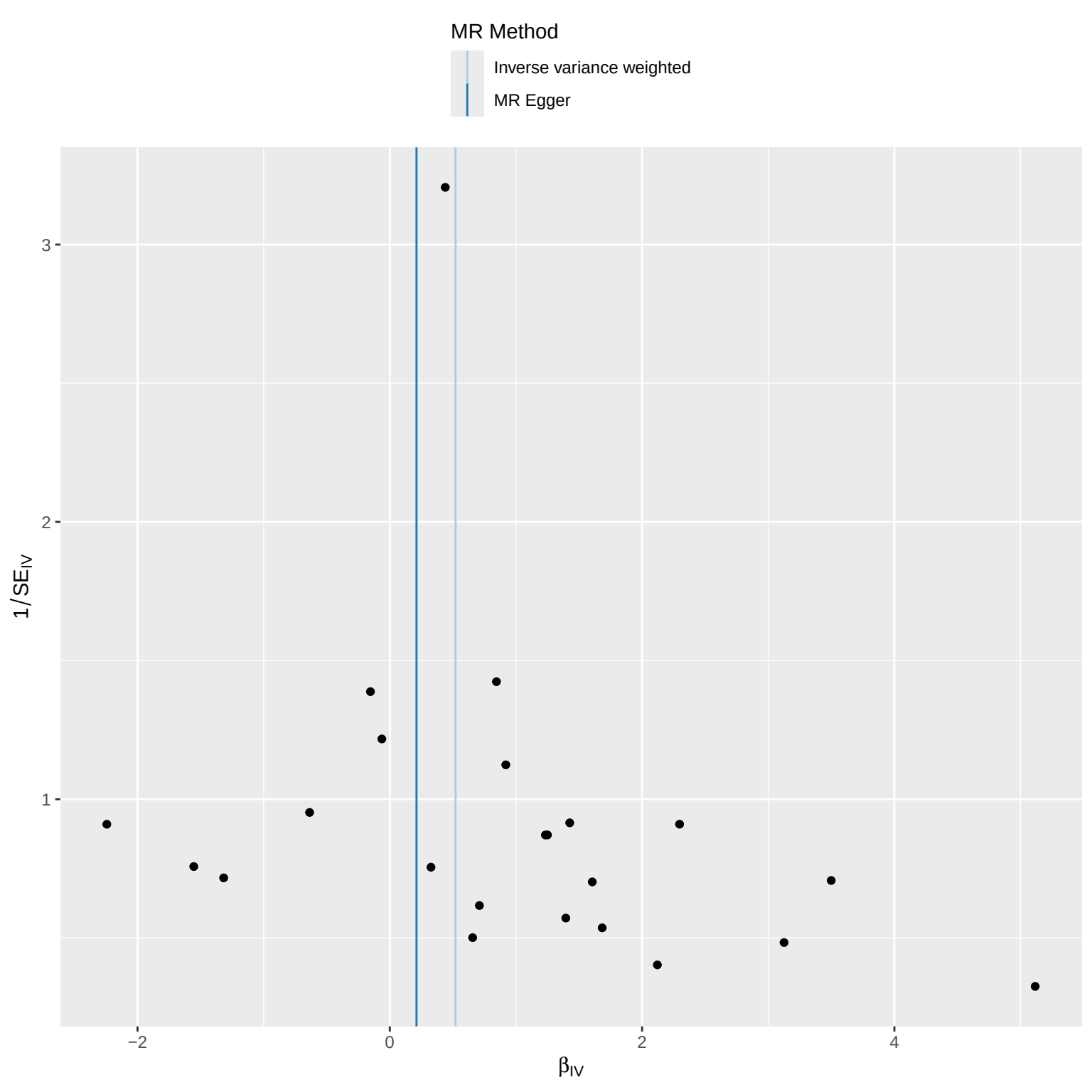

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

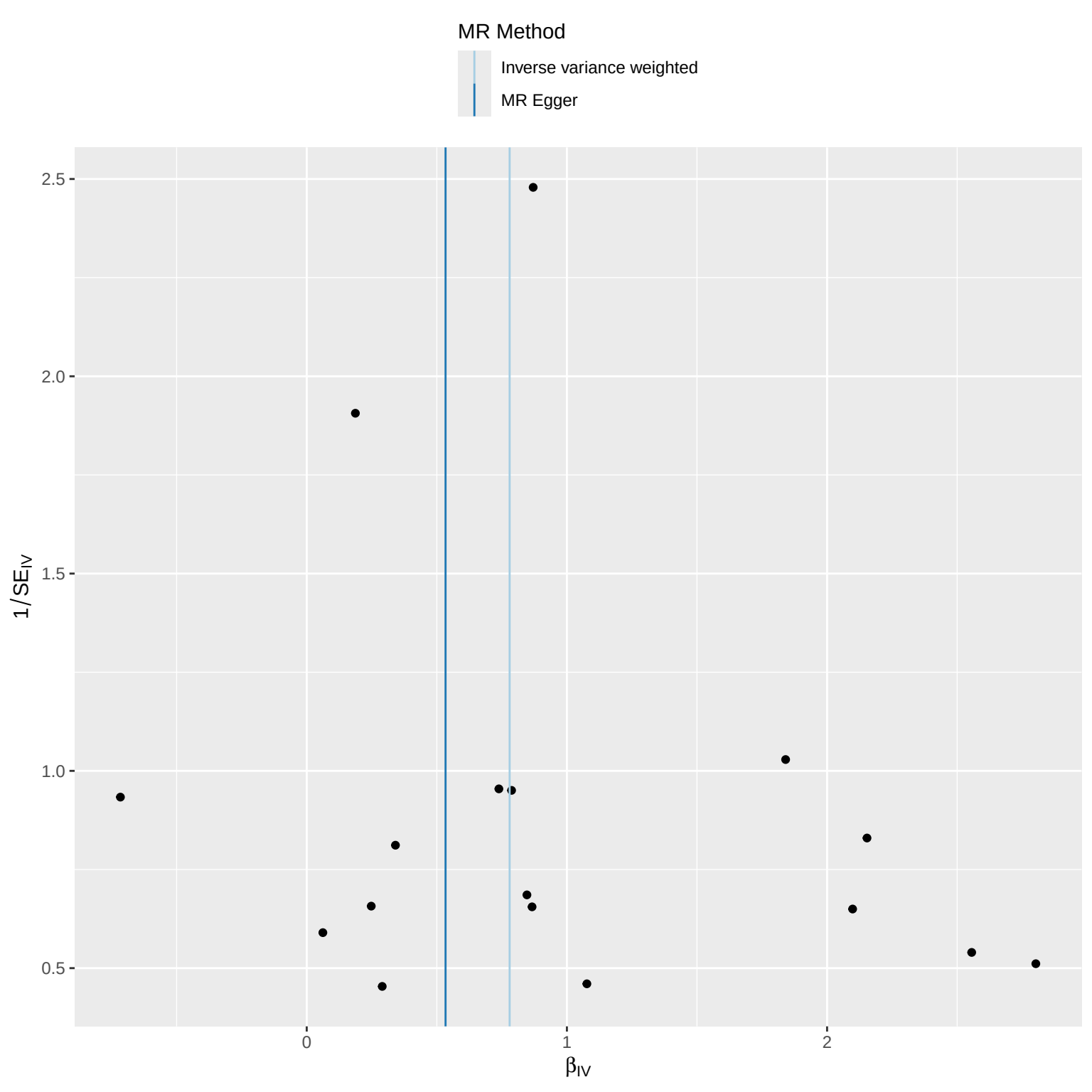

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
β_IV

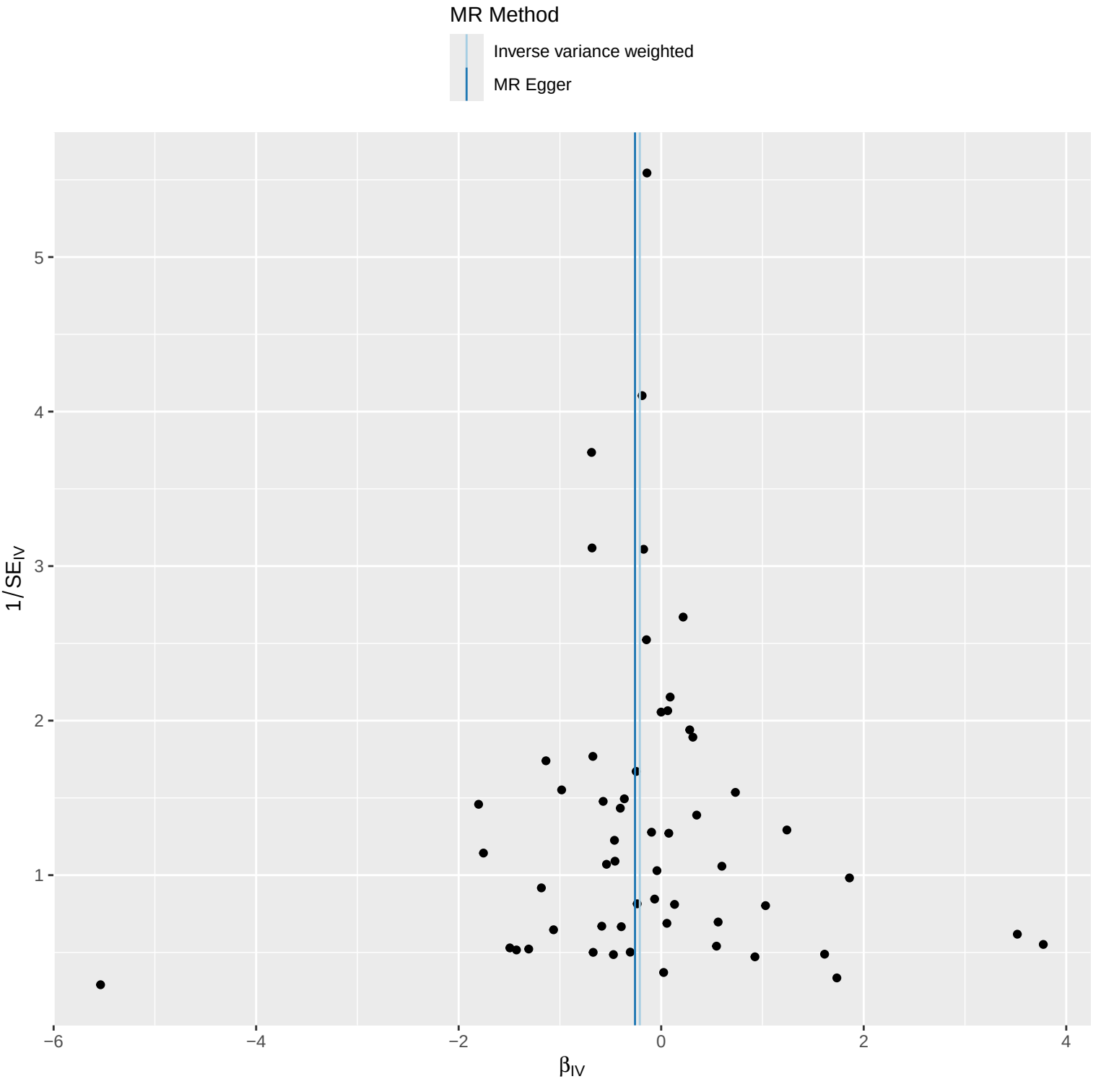

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

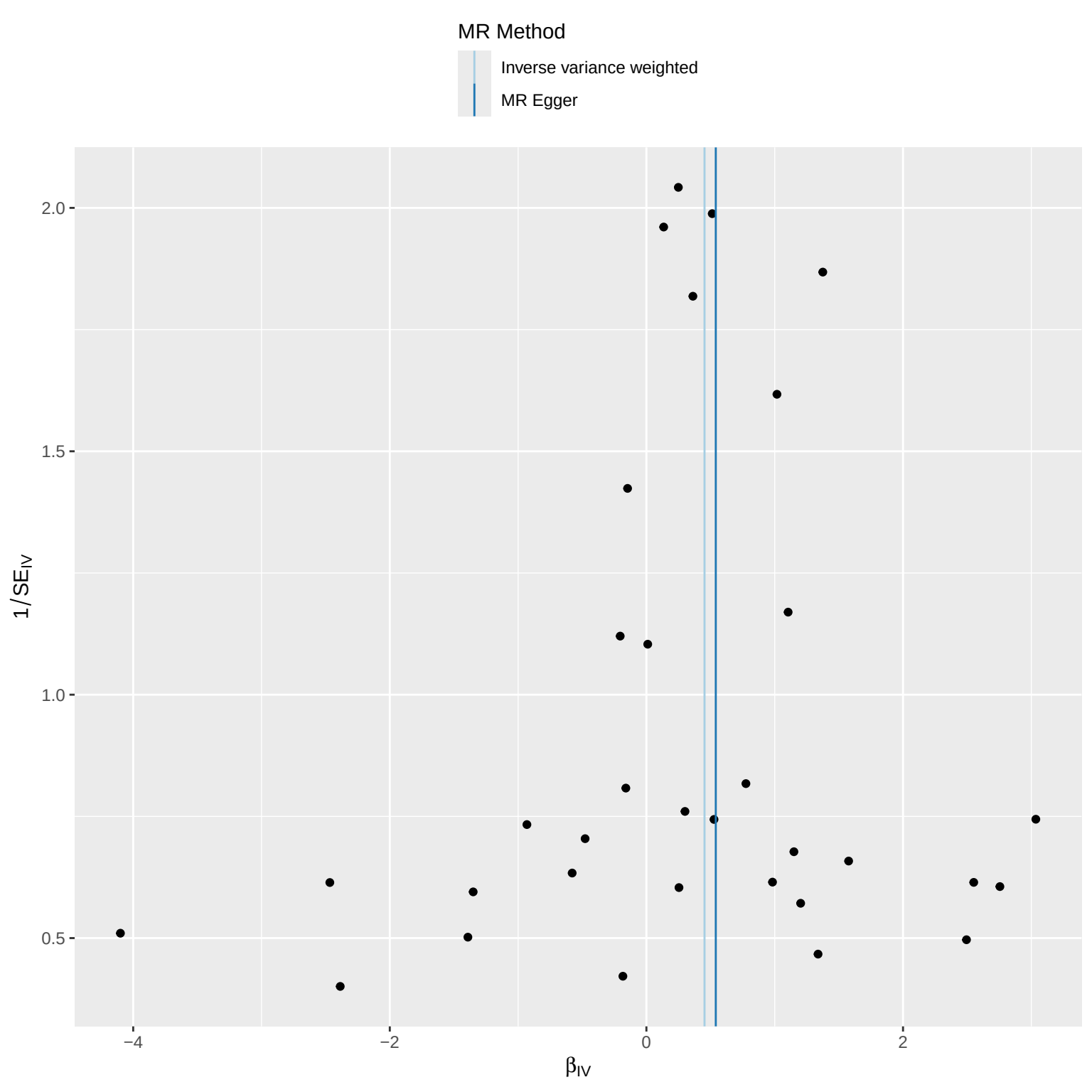

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

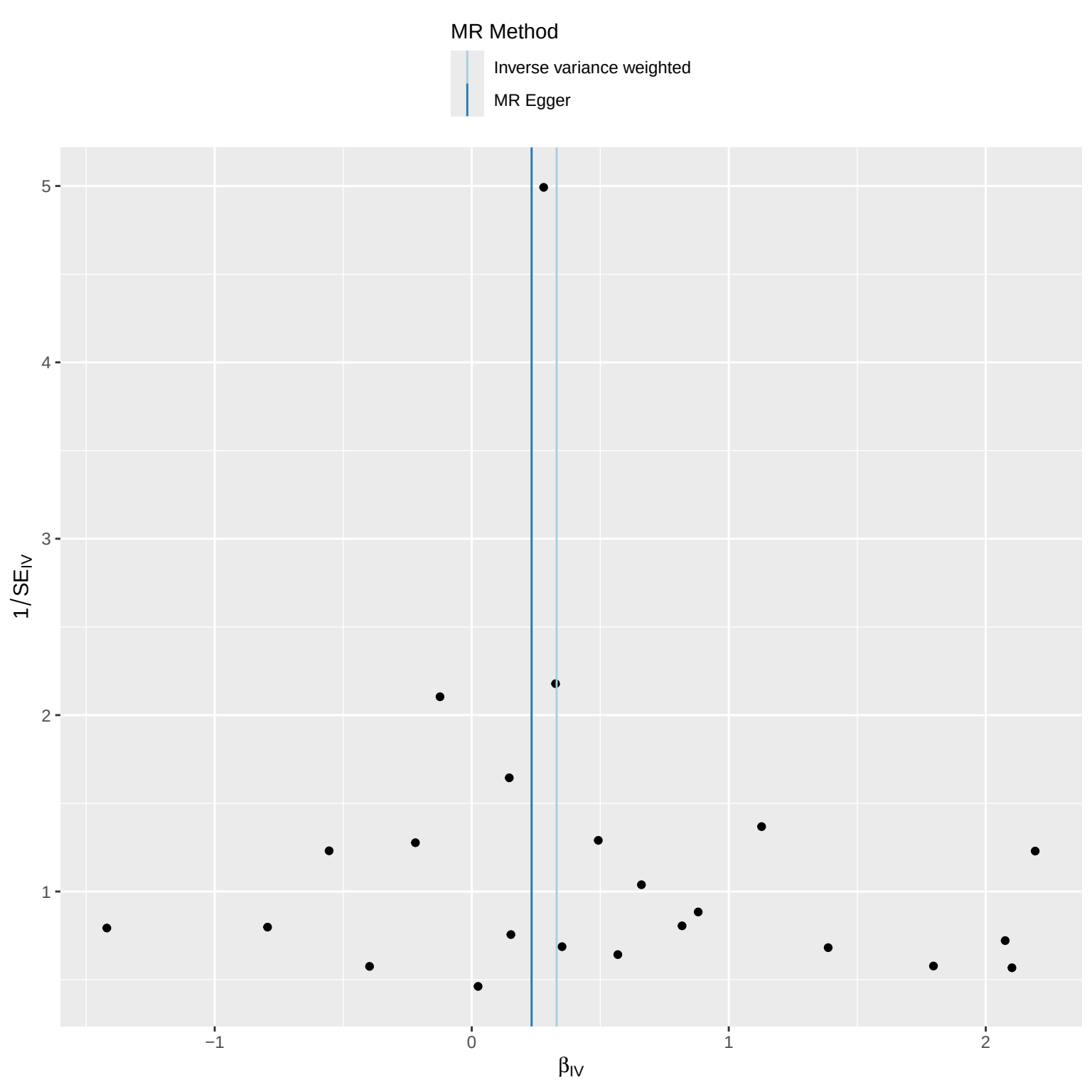

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−2
−1
0
1
2
β_IV

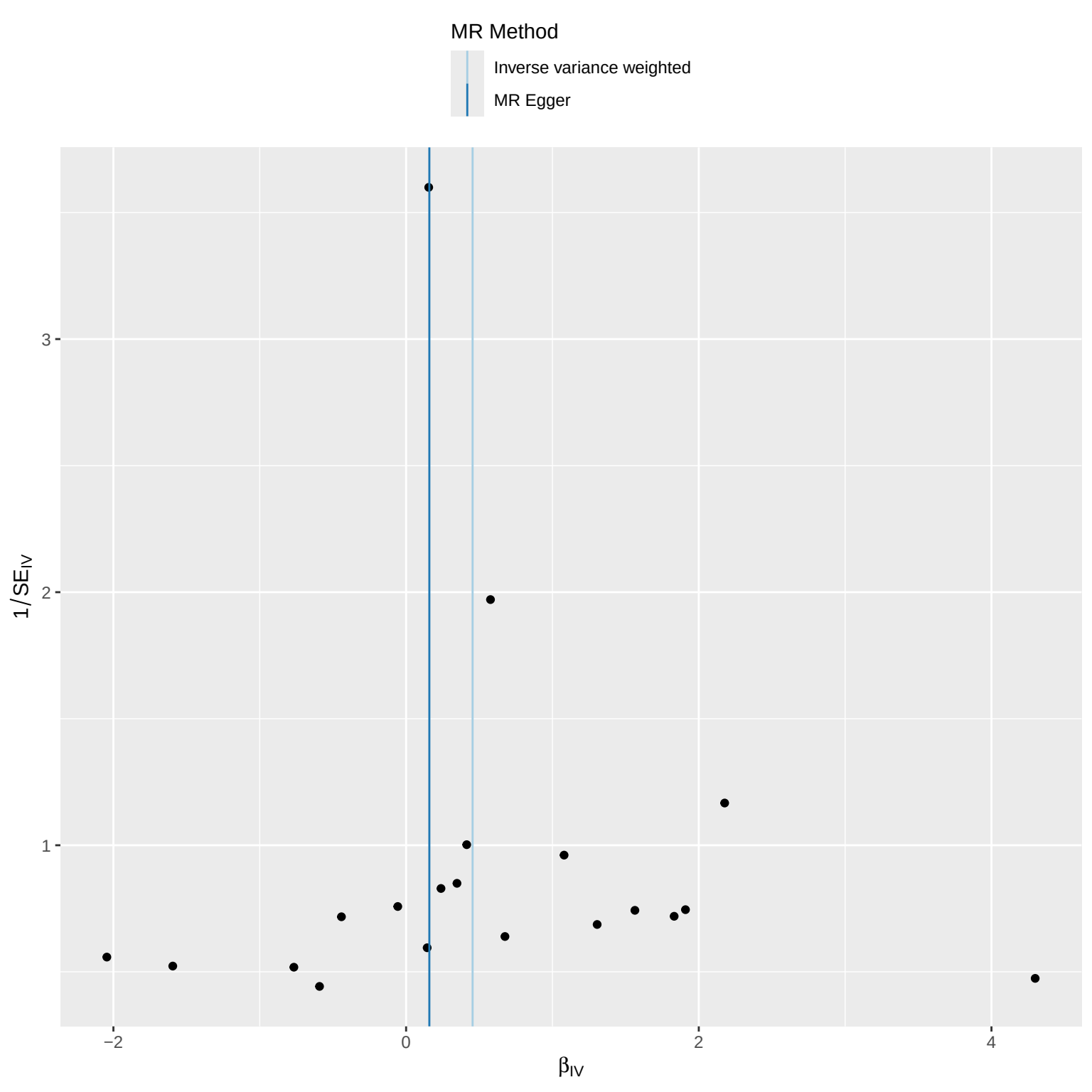

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

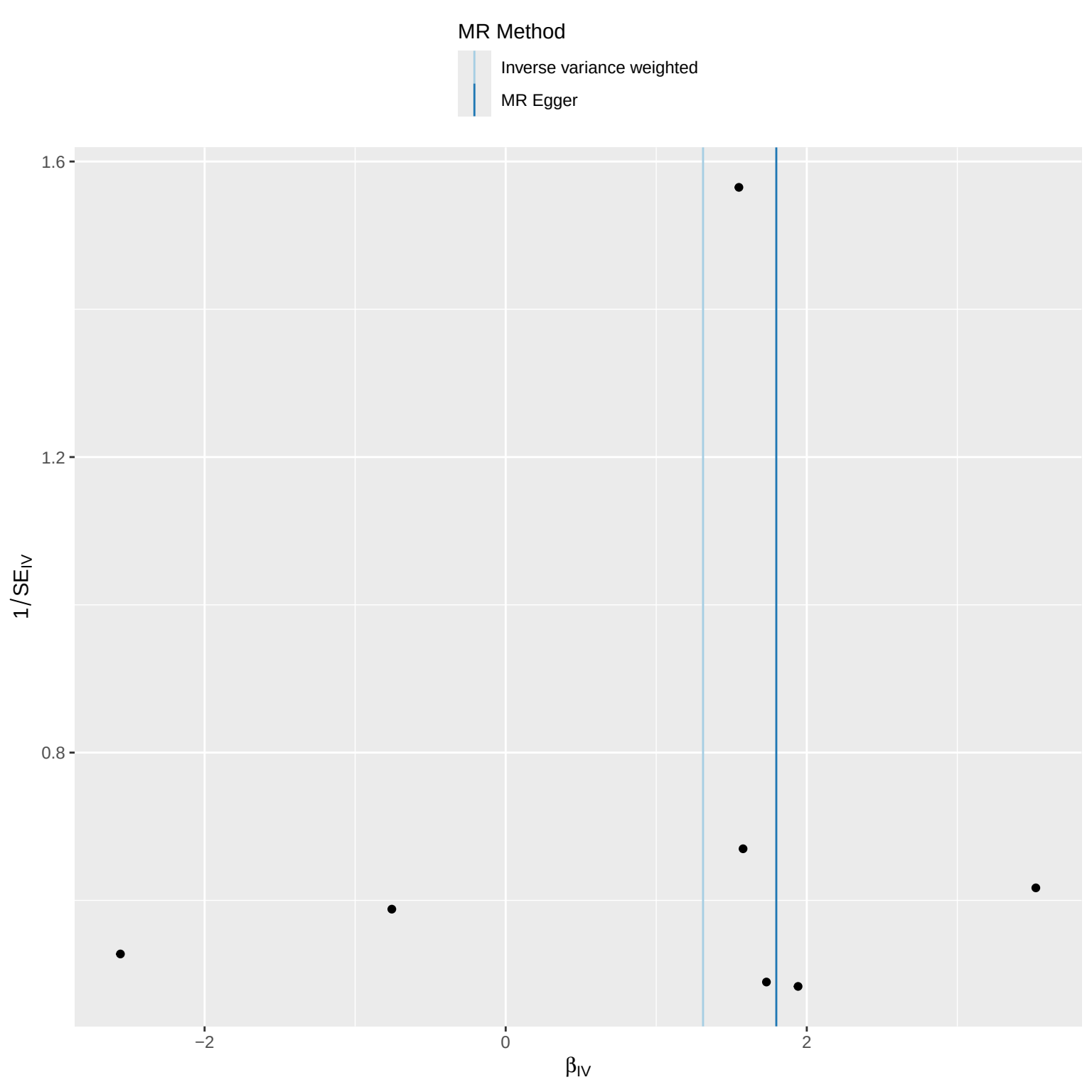

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

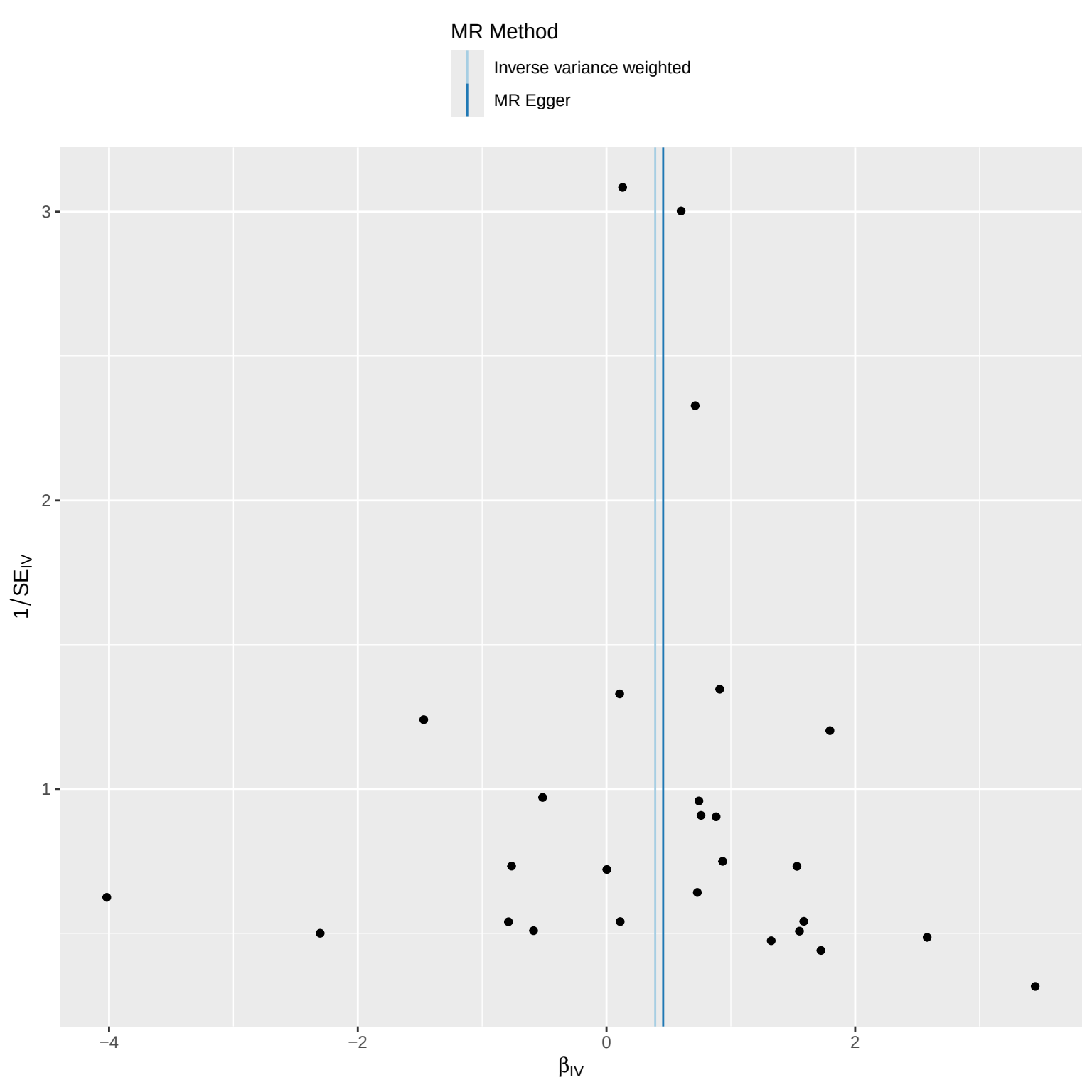

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−6
−4
−2
0
2
4

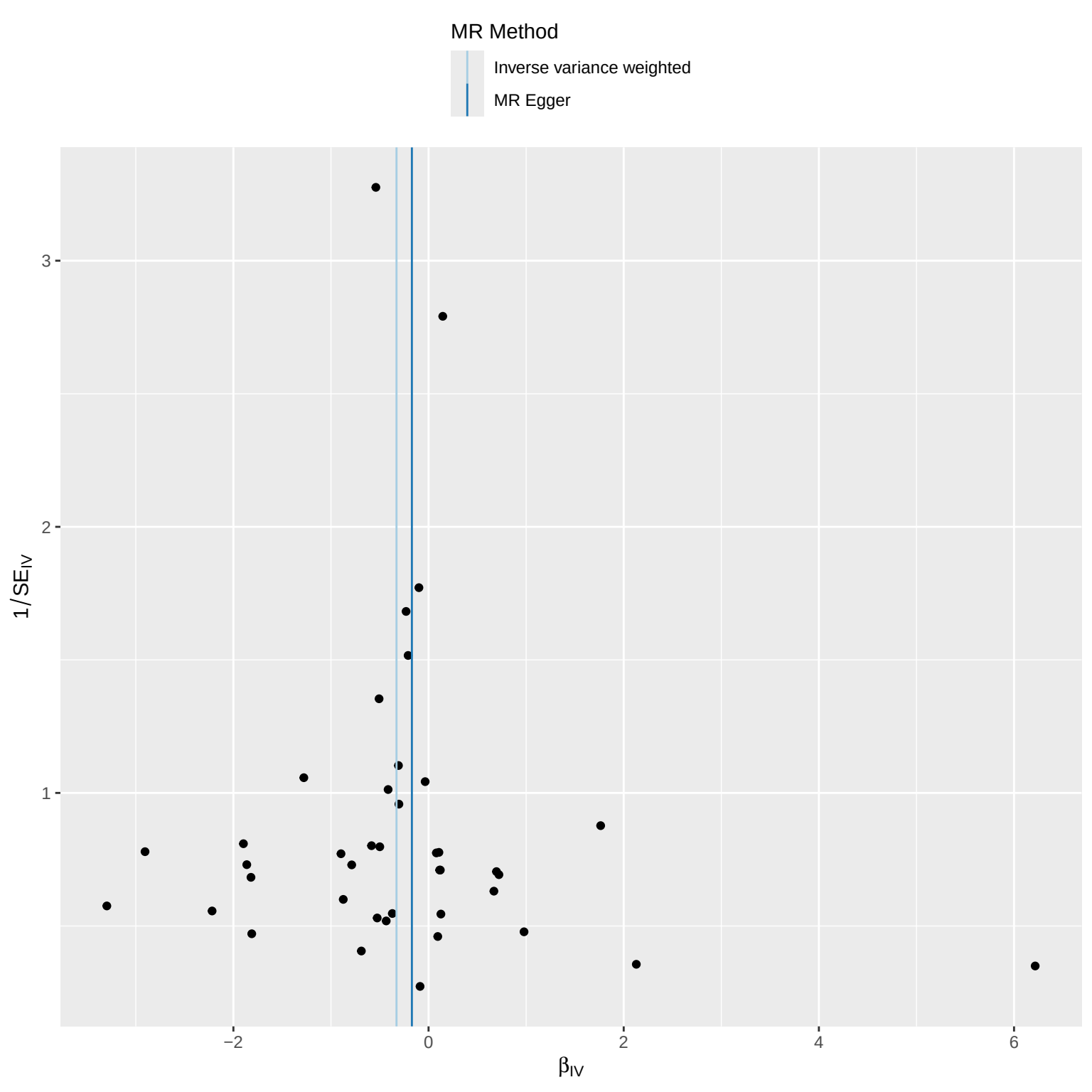

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

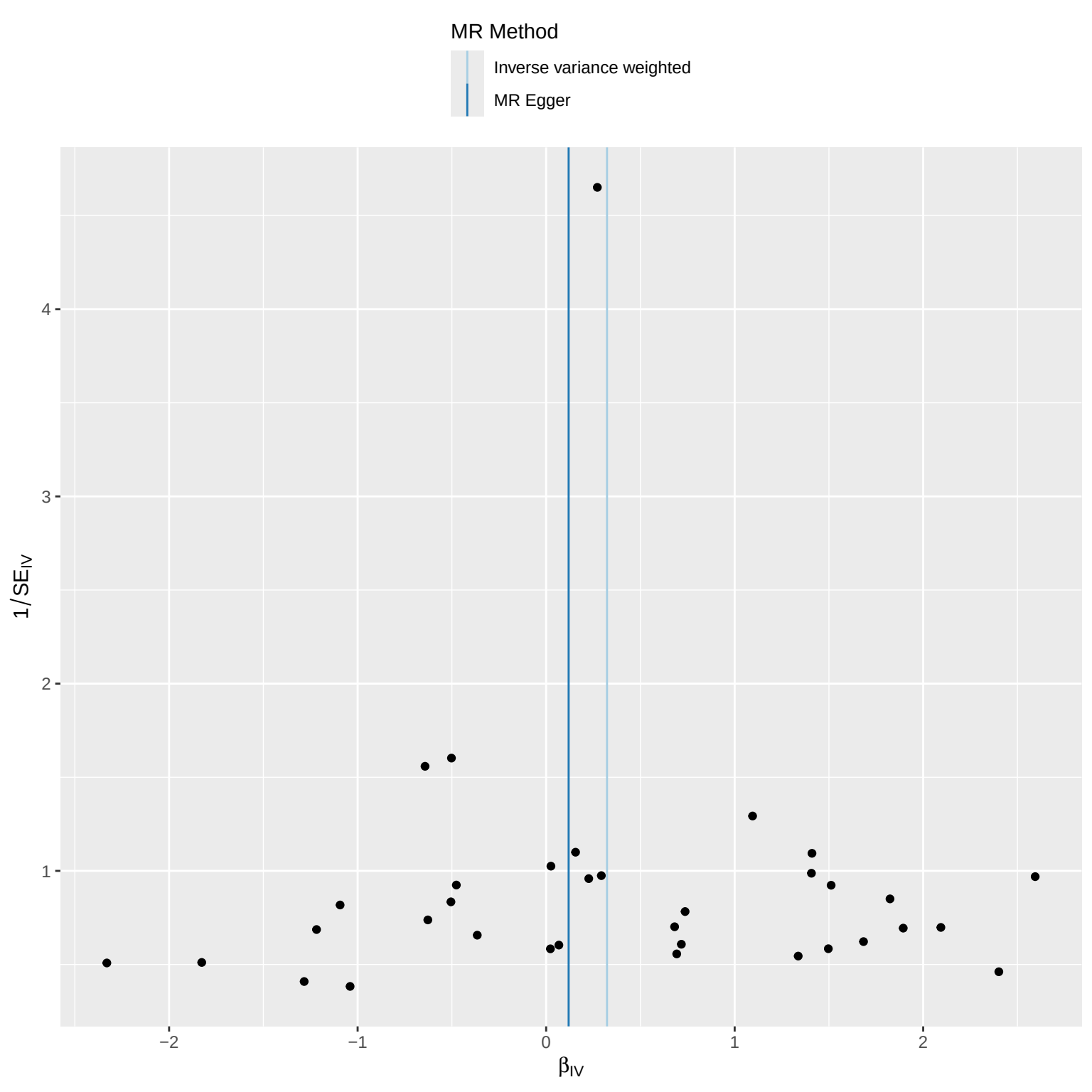

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

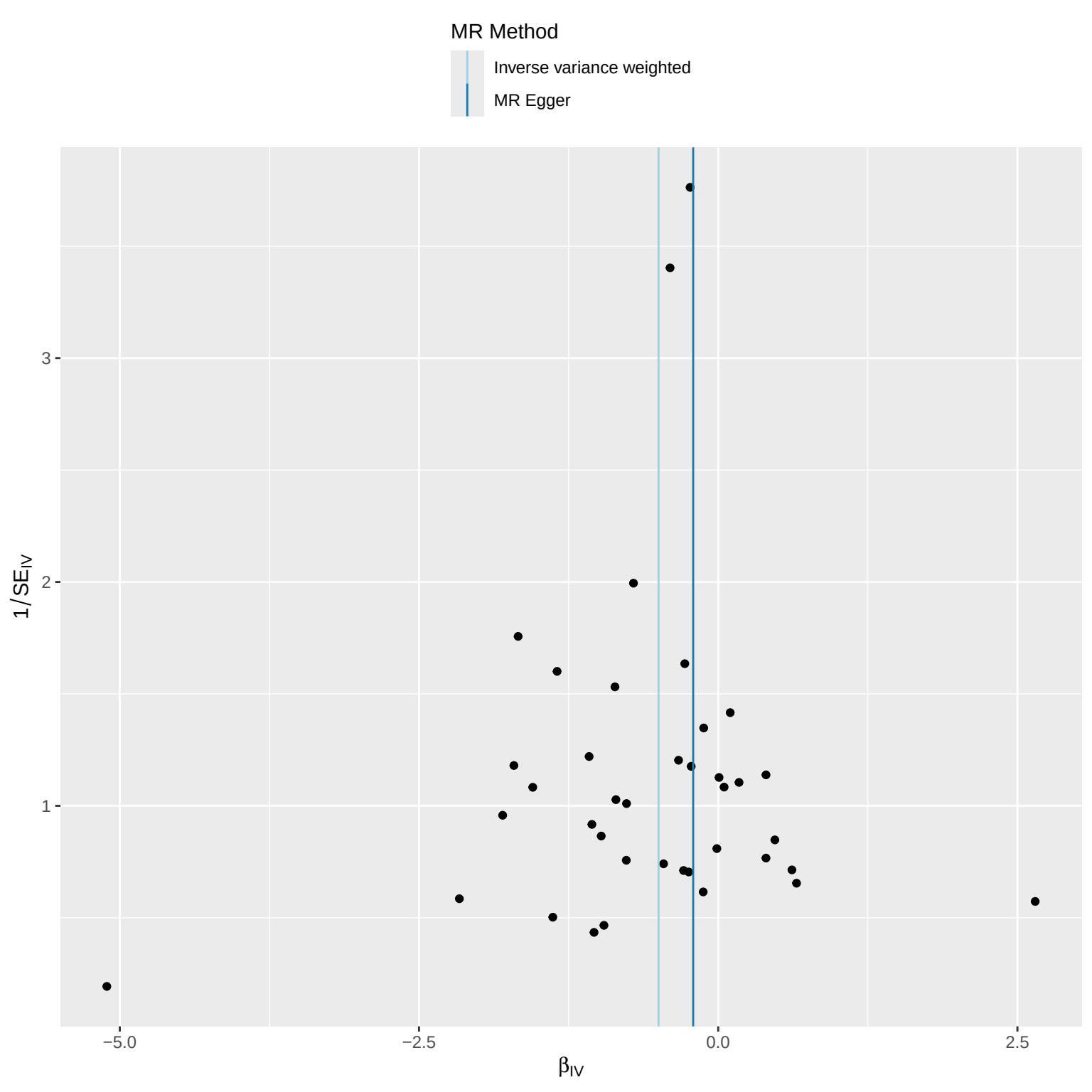

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

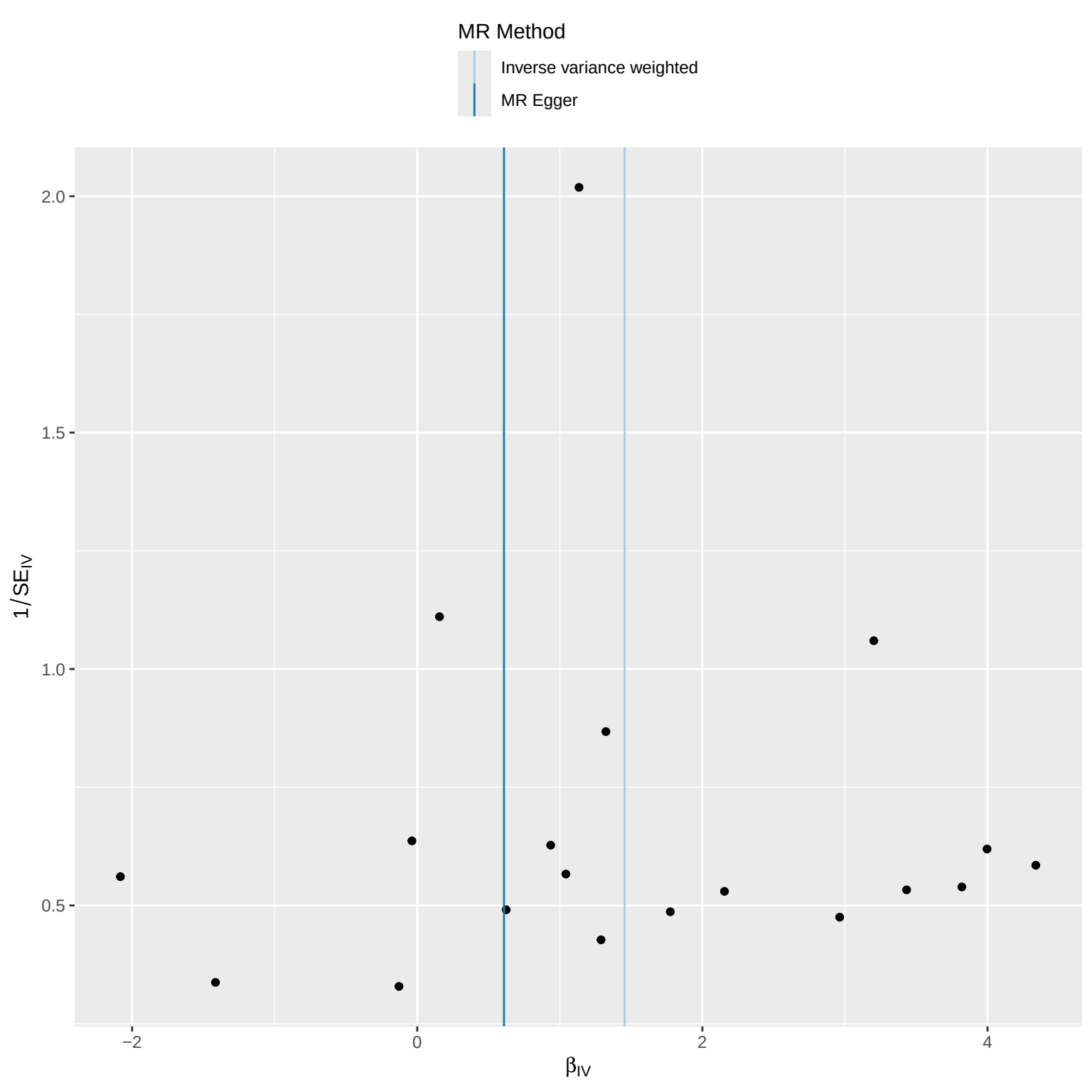

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2
0
2
β_IV

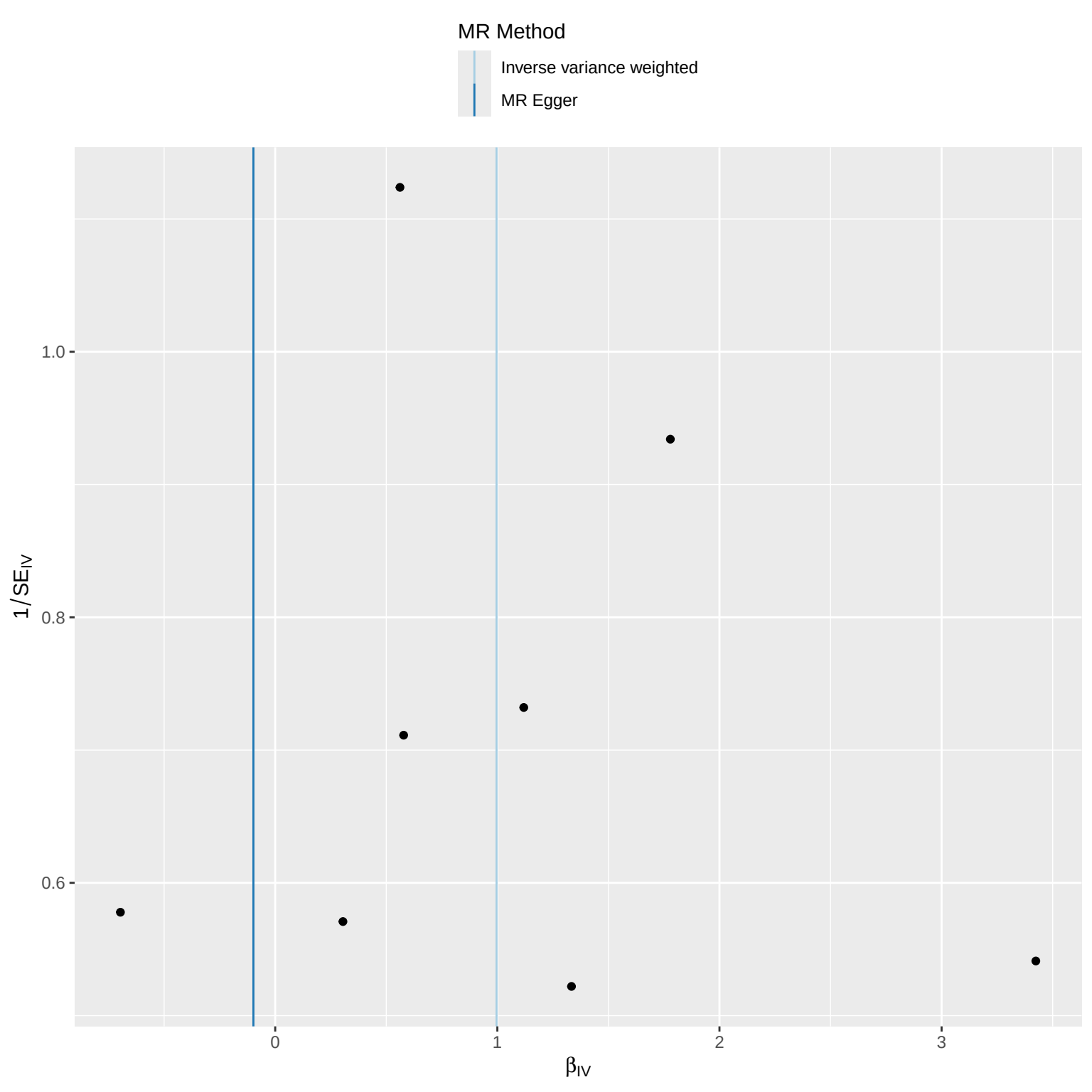

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

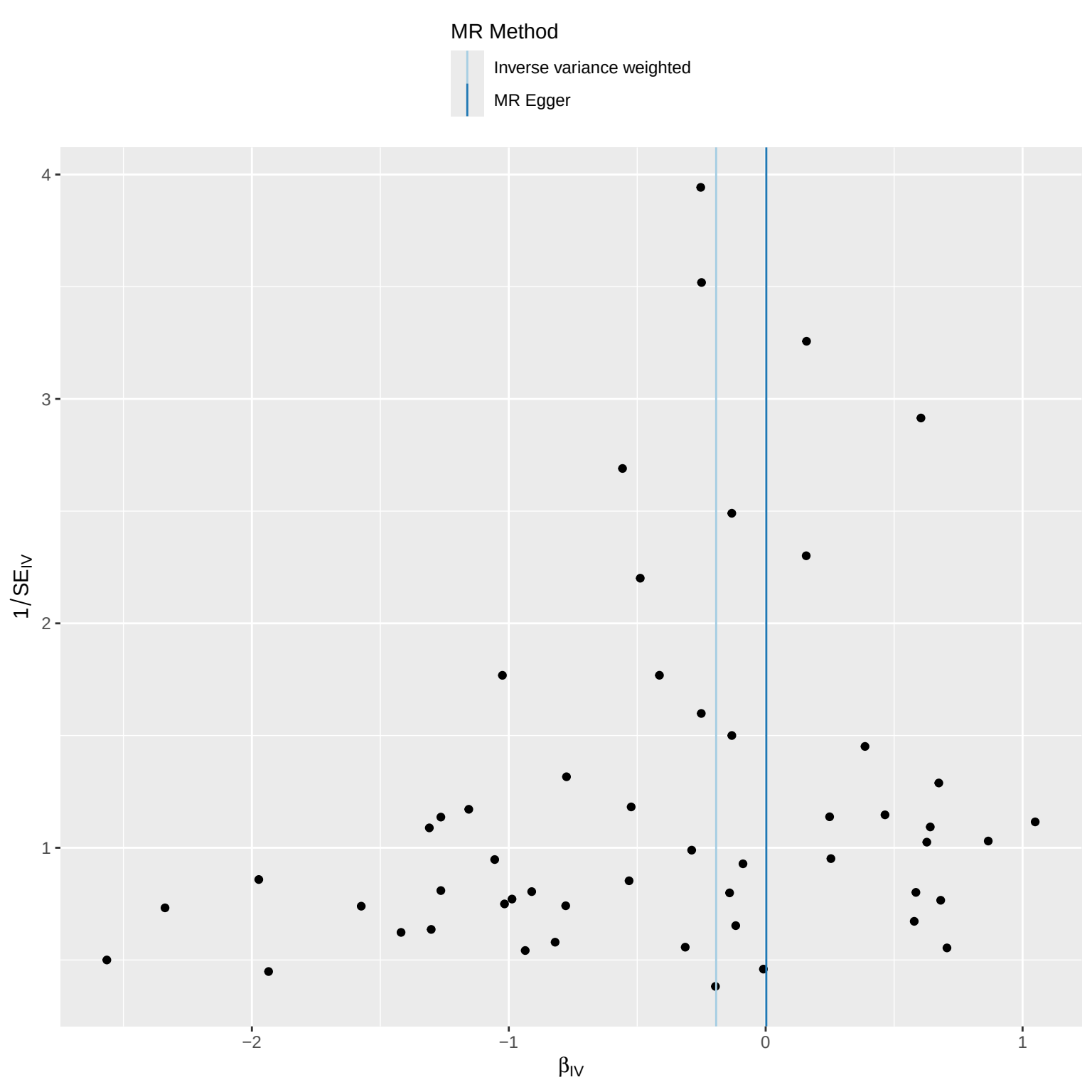

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
4
6
β_{IV}

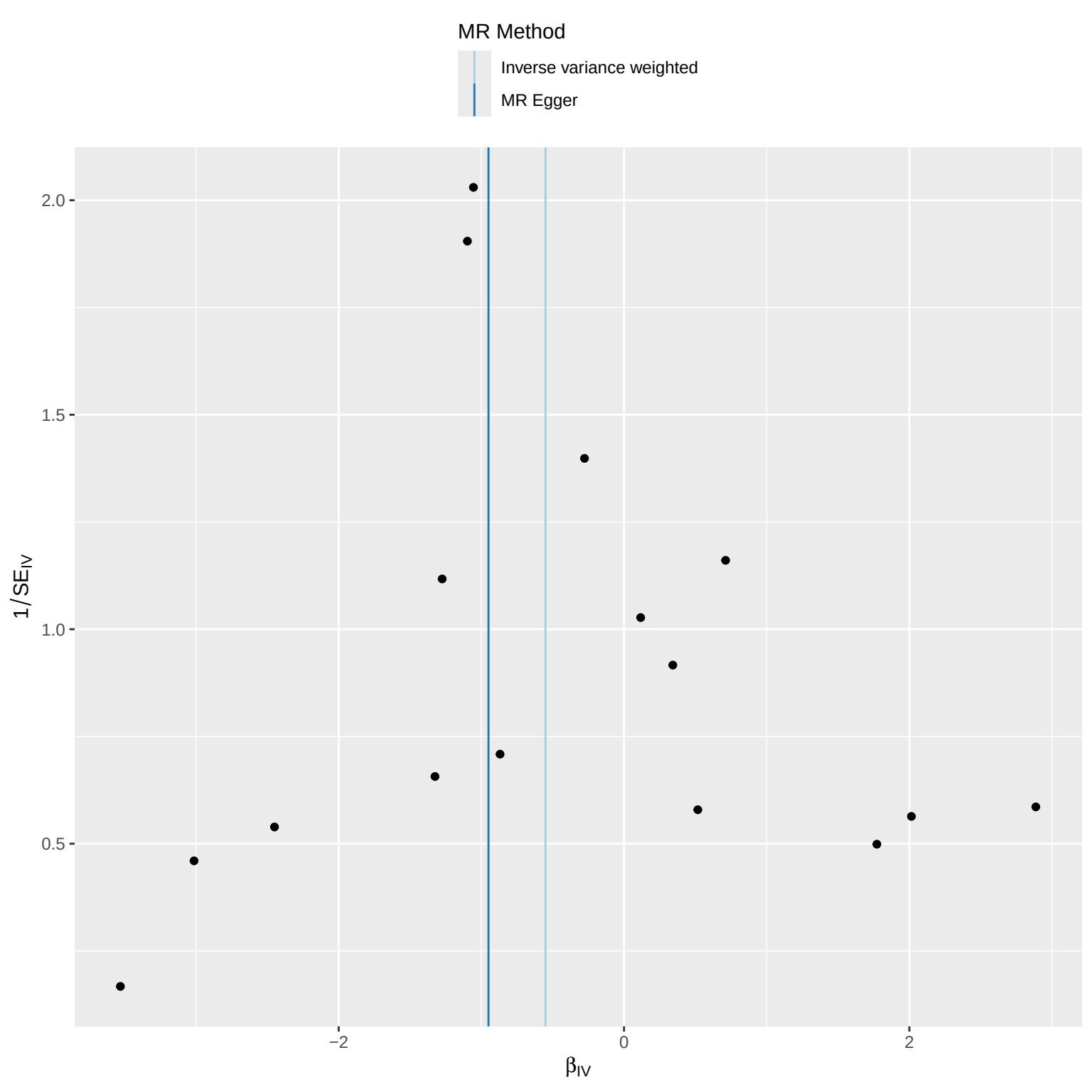

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2

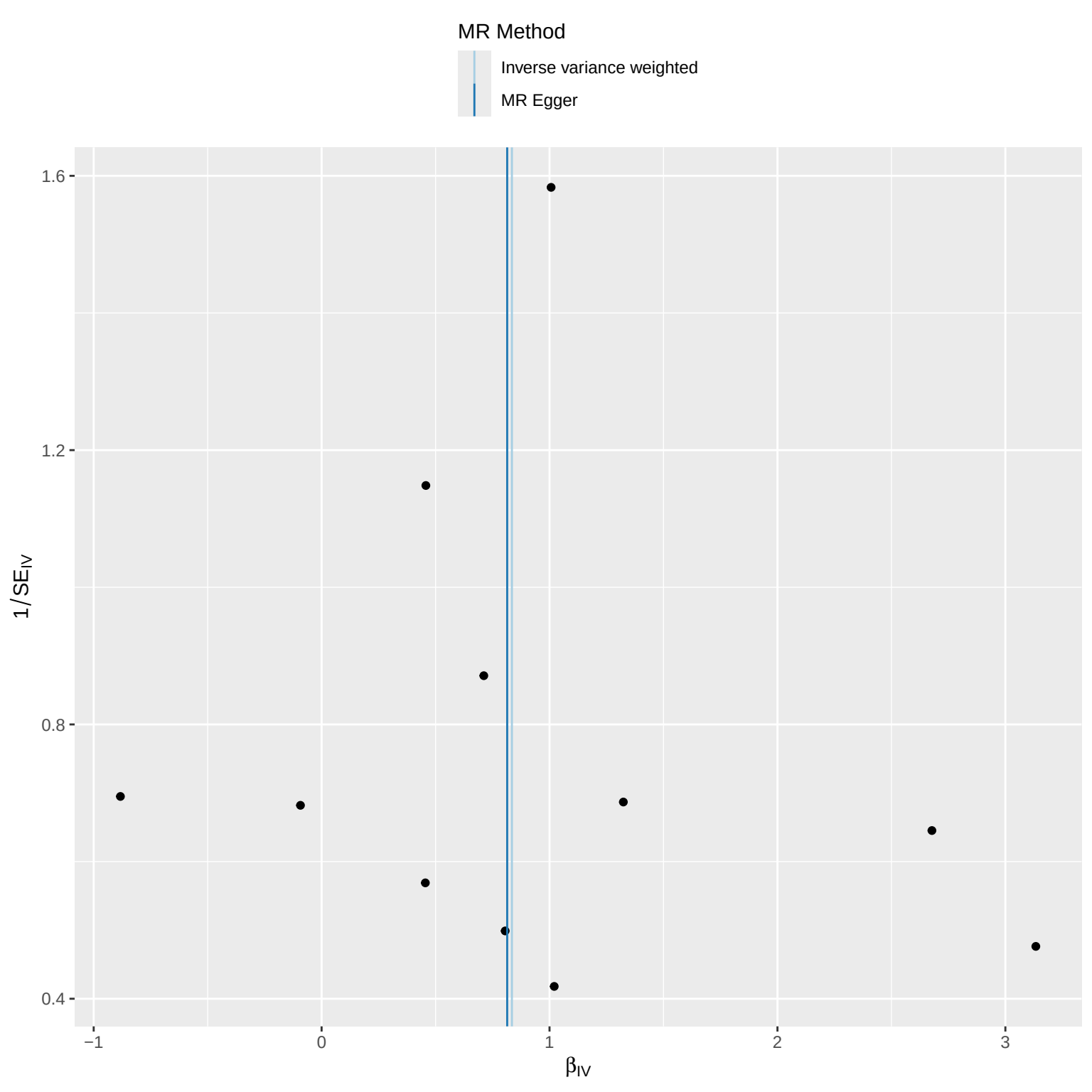

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

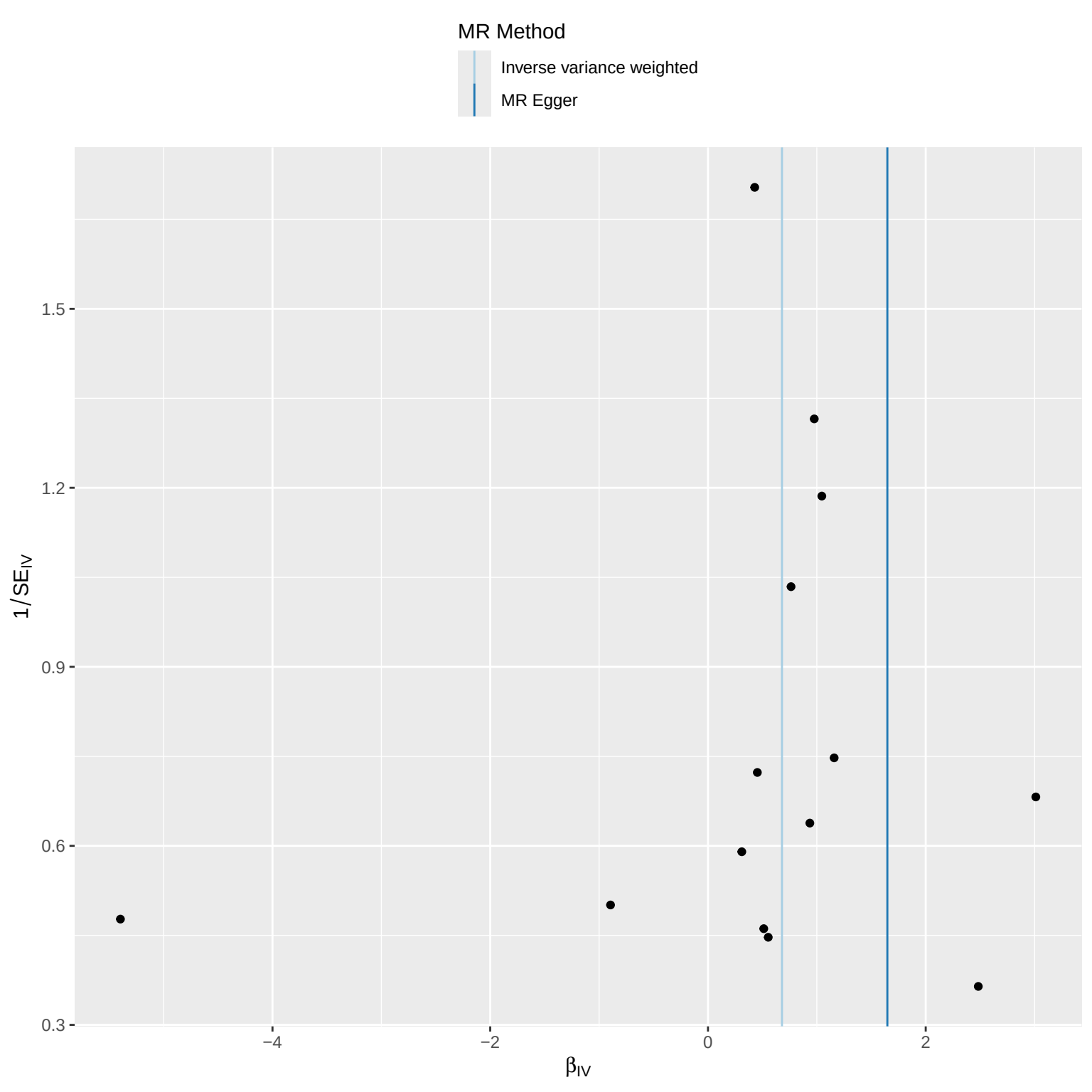

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

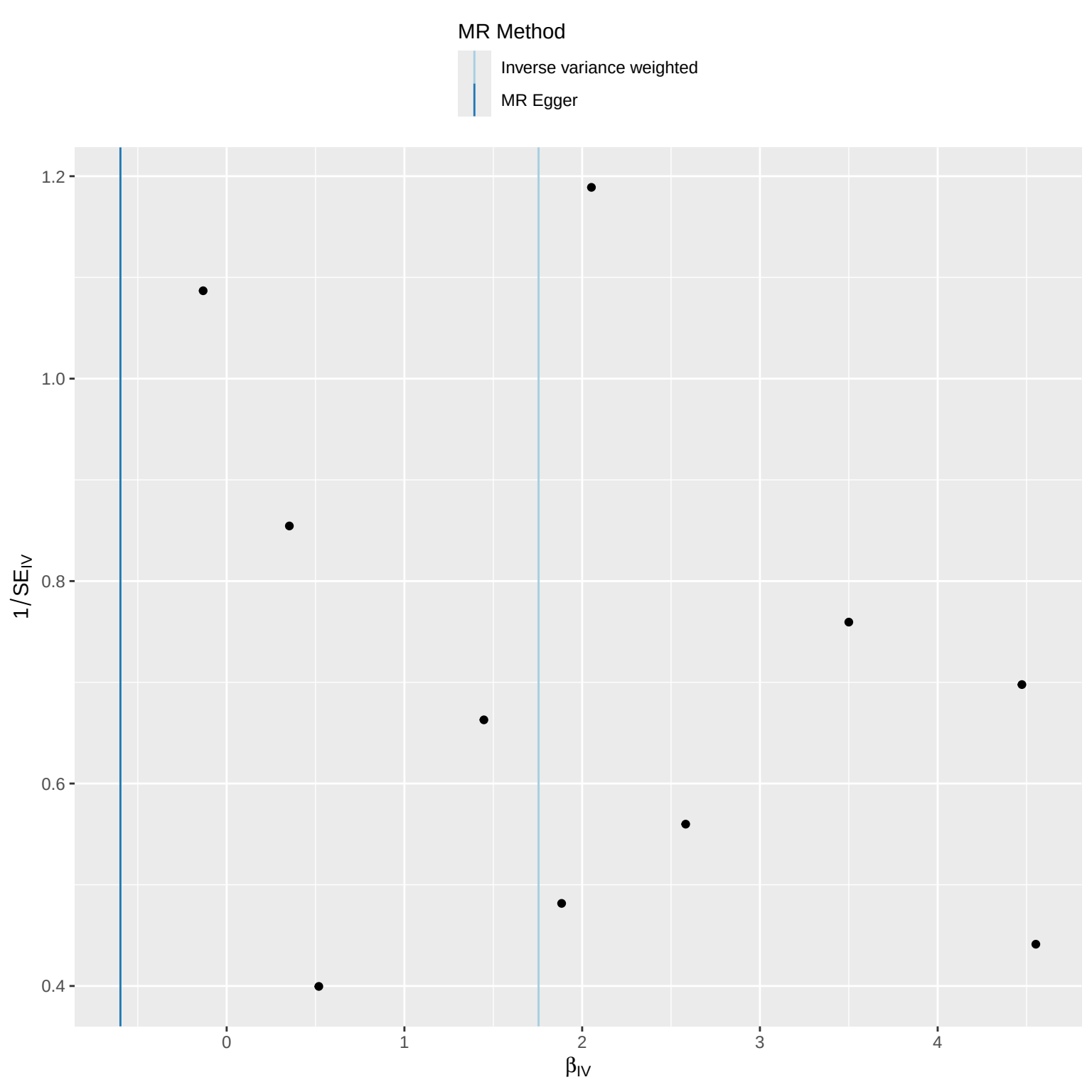

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

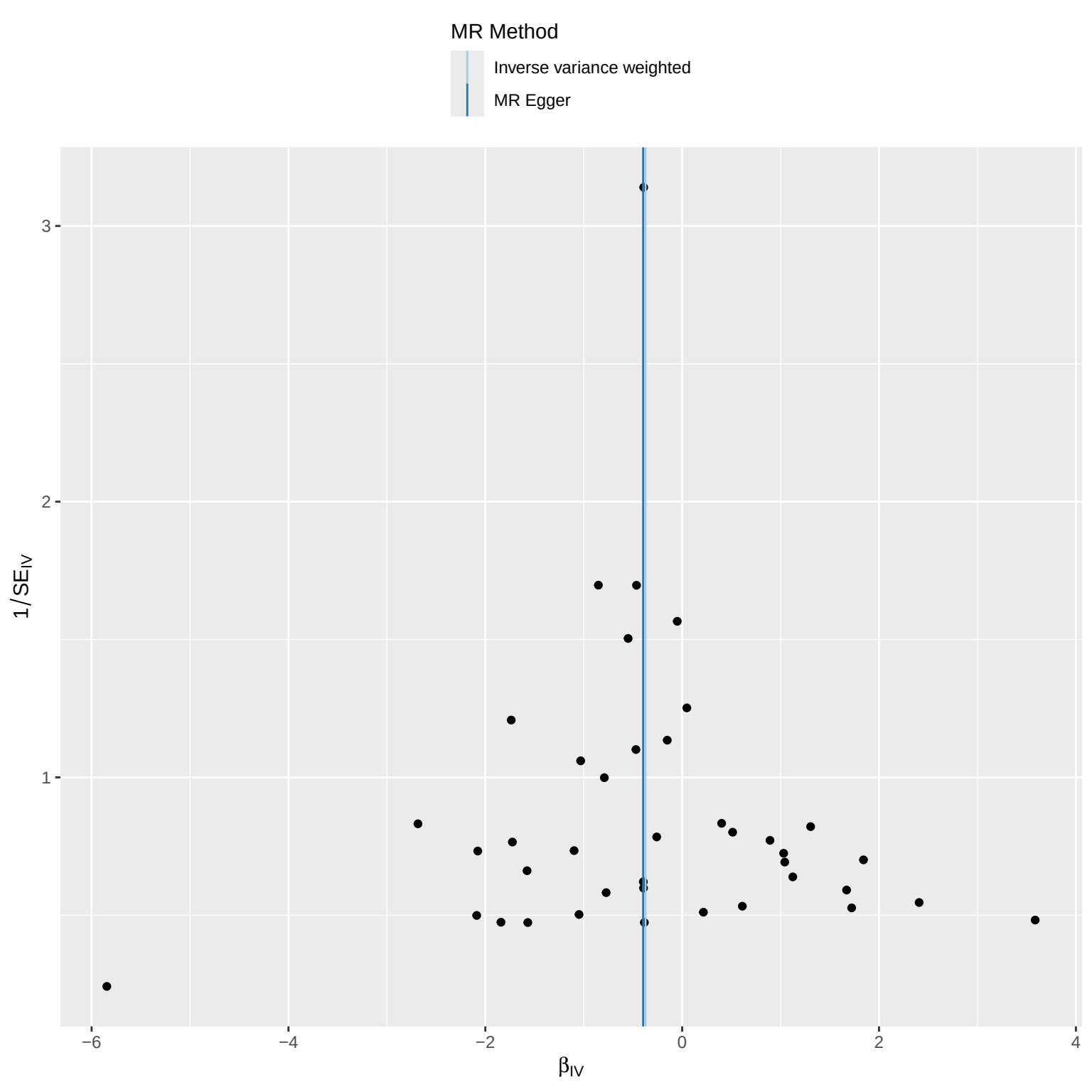

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
−1
0
1
β_{IV}

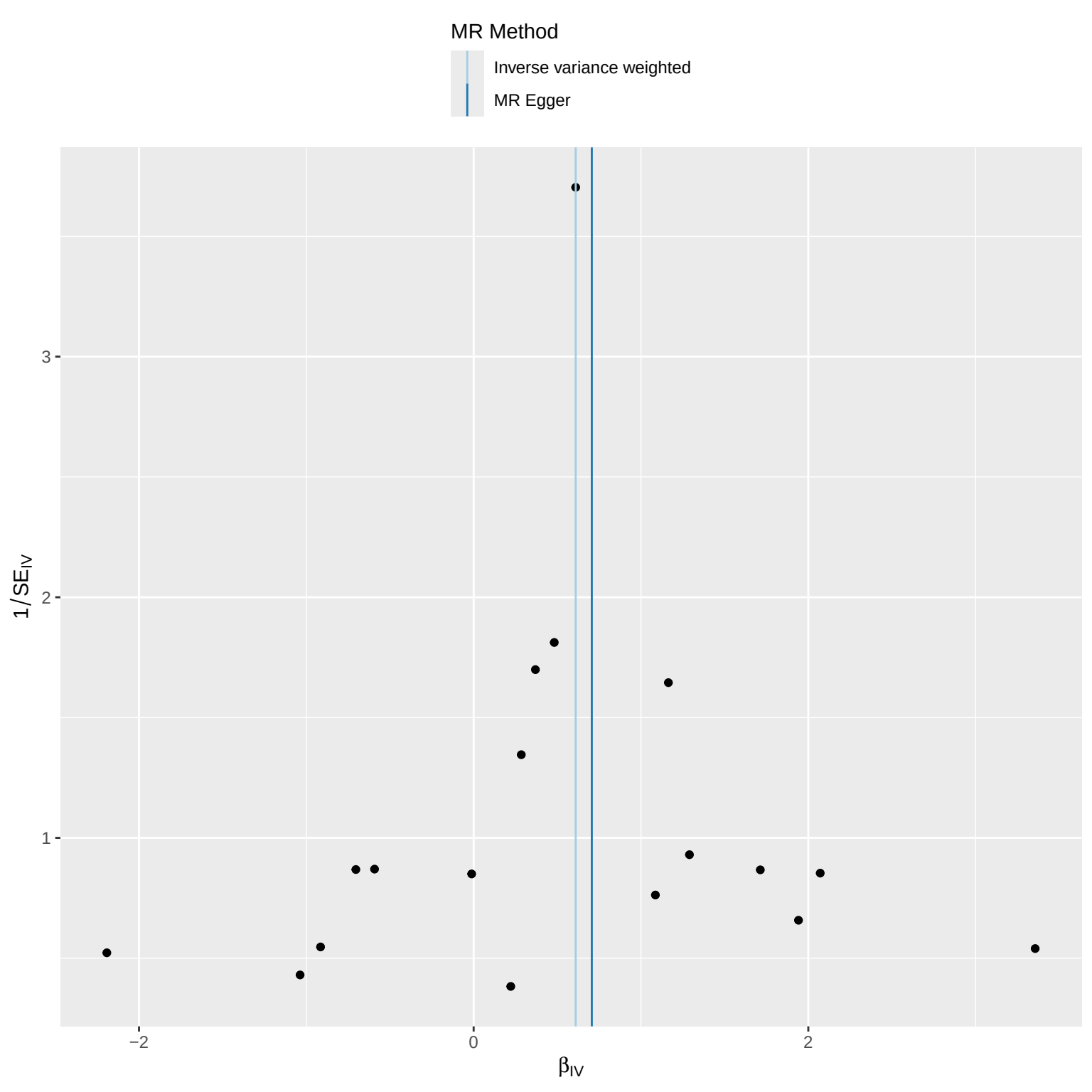

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

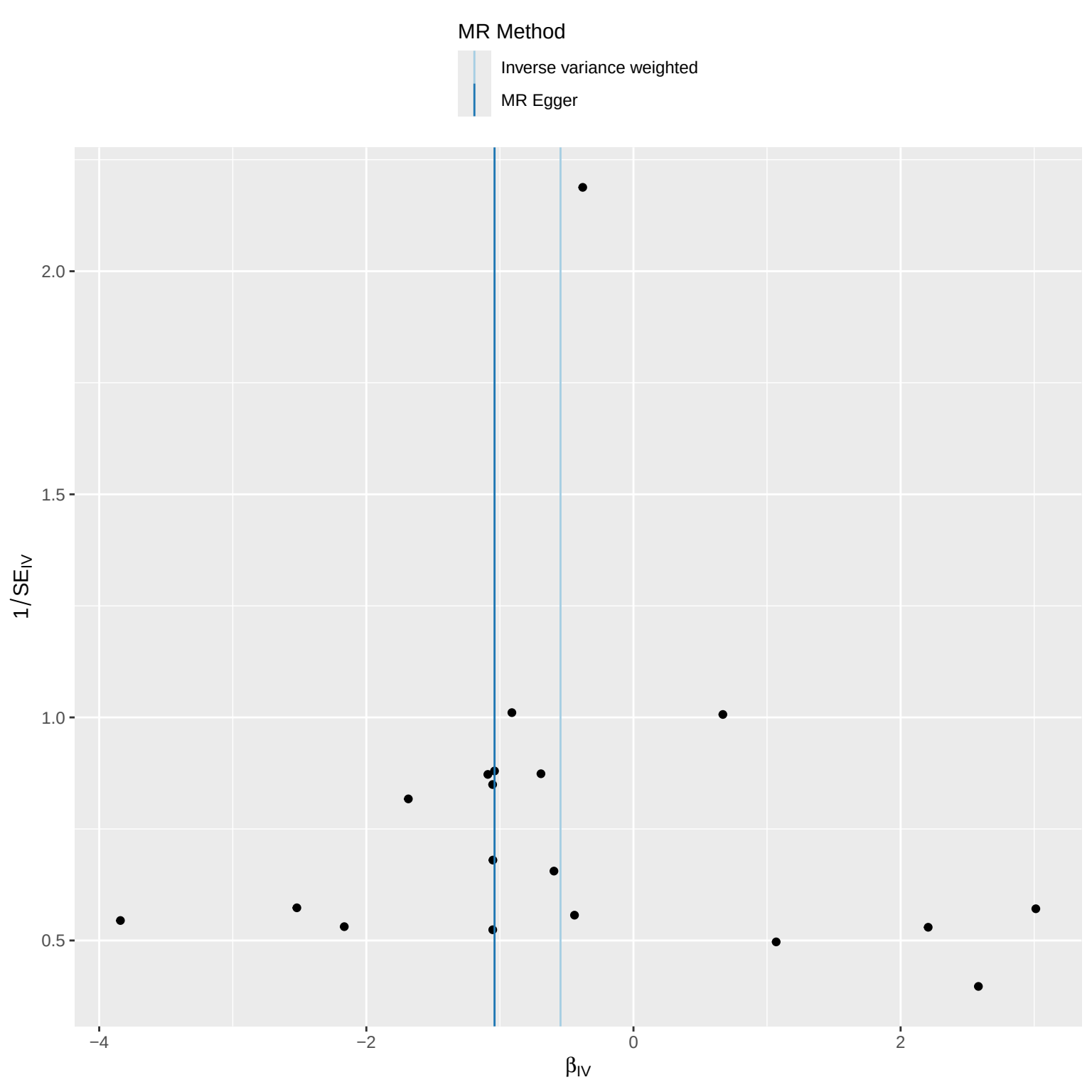

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
β_IV

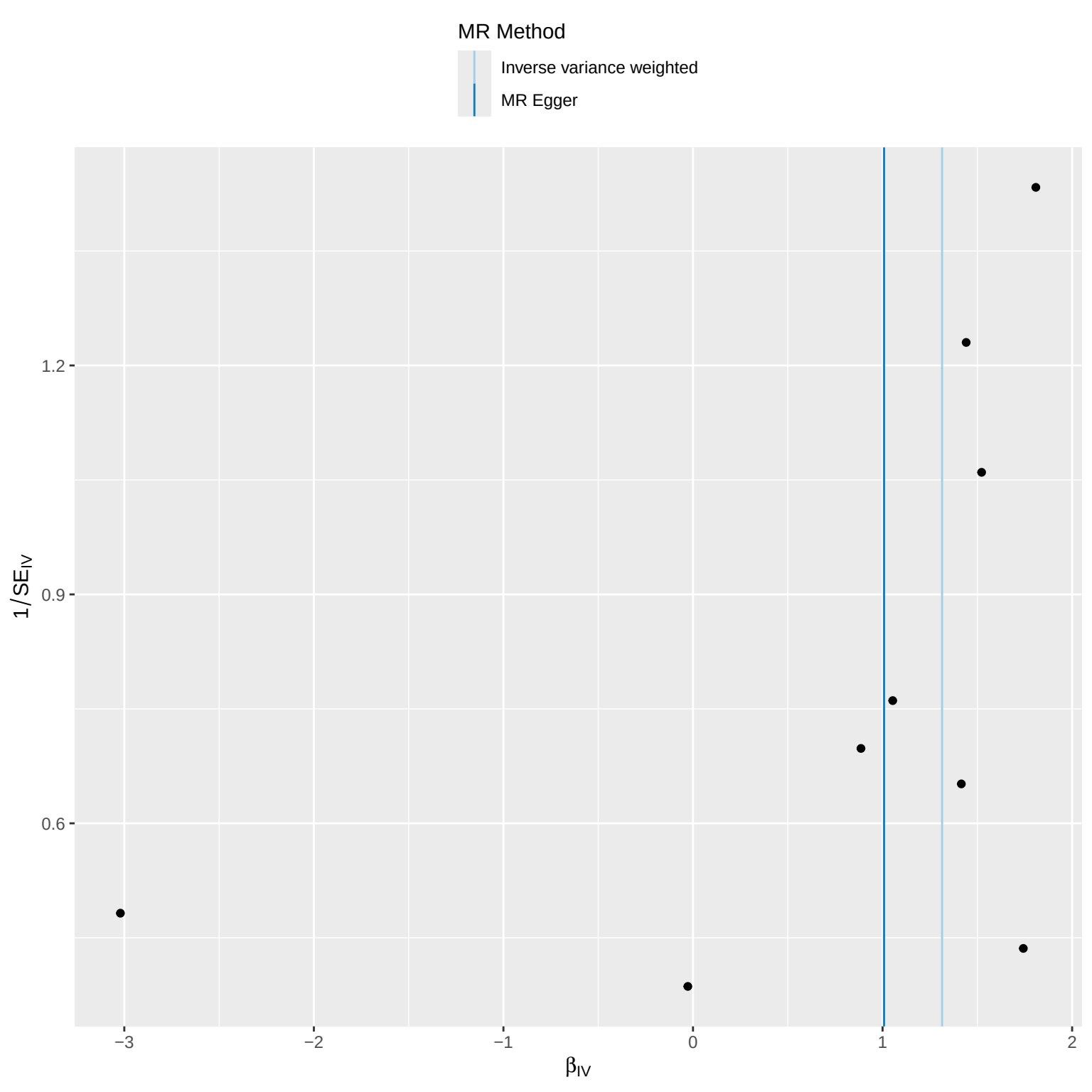

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−4
−2
0
2
β_IV

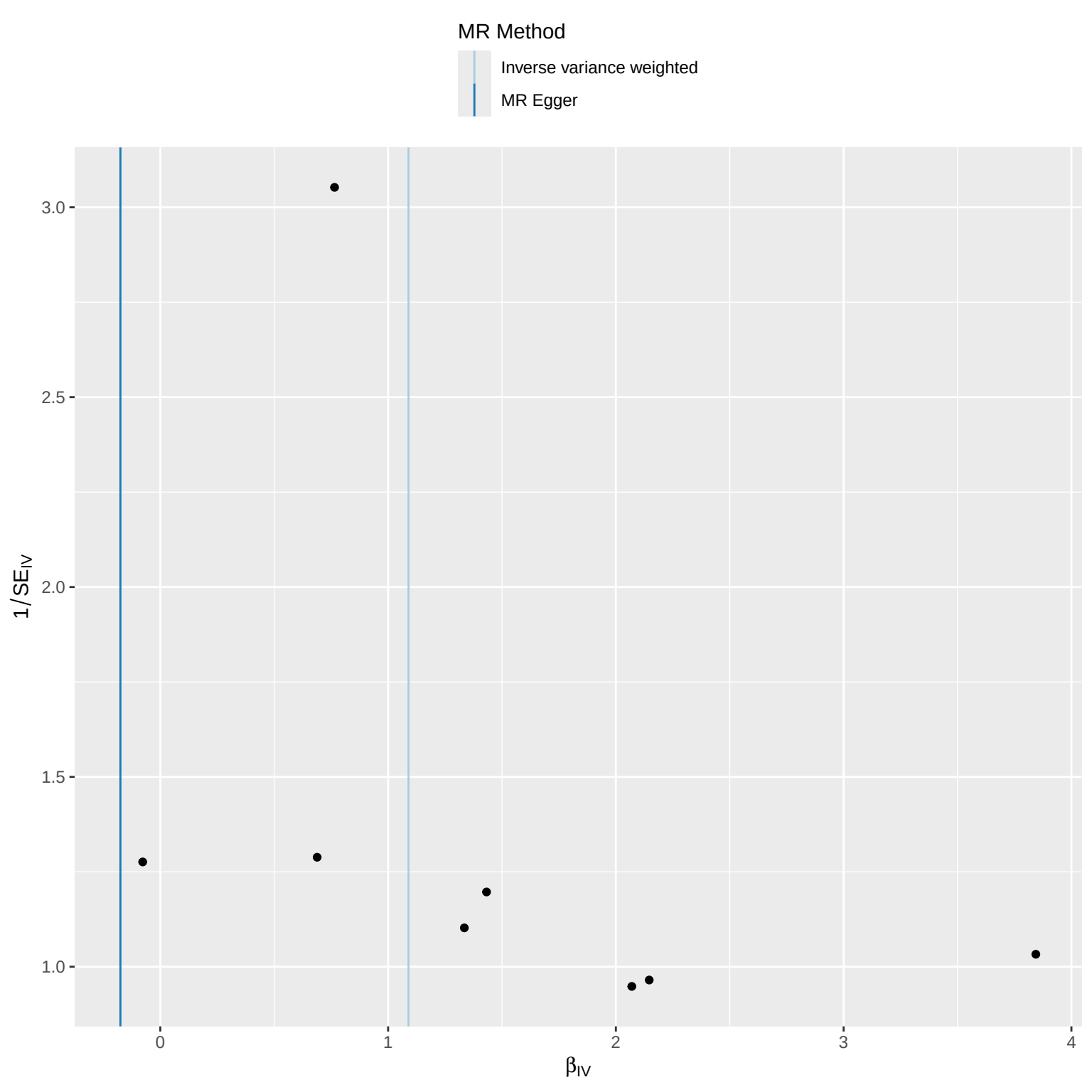

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
4
β_IV

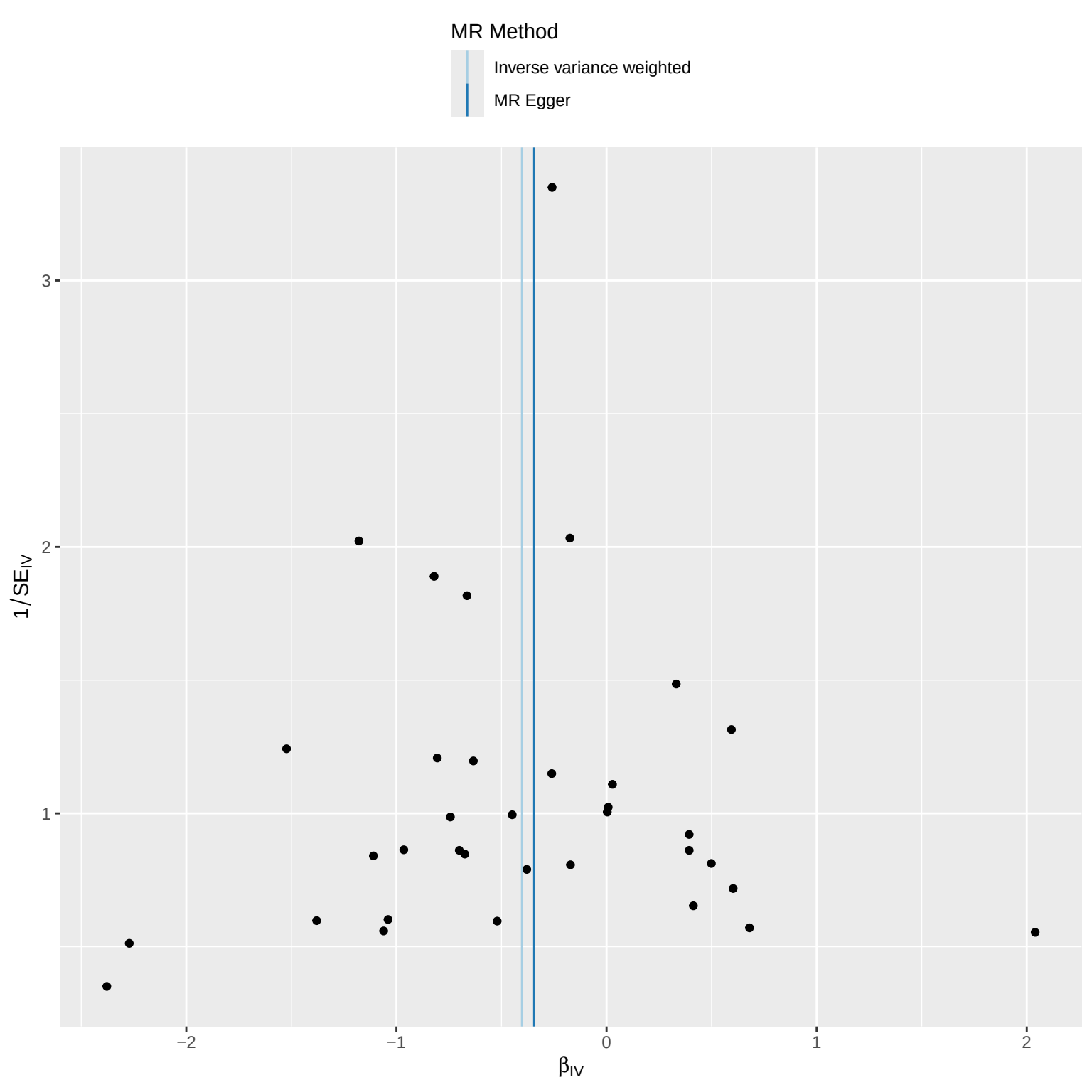

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
4
β_IV

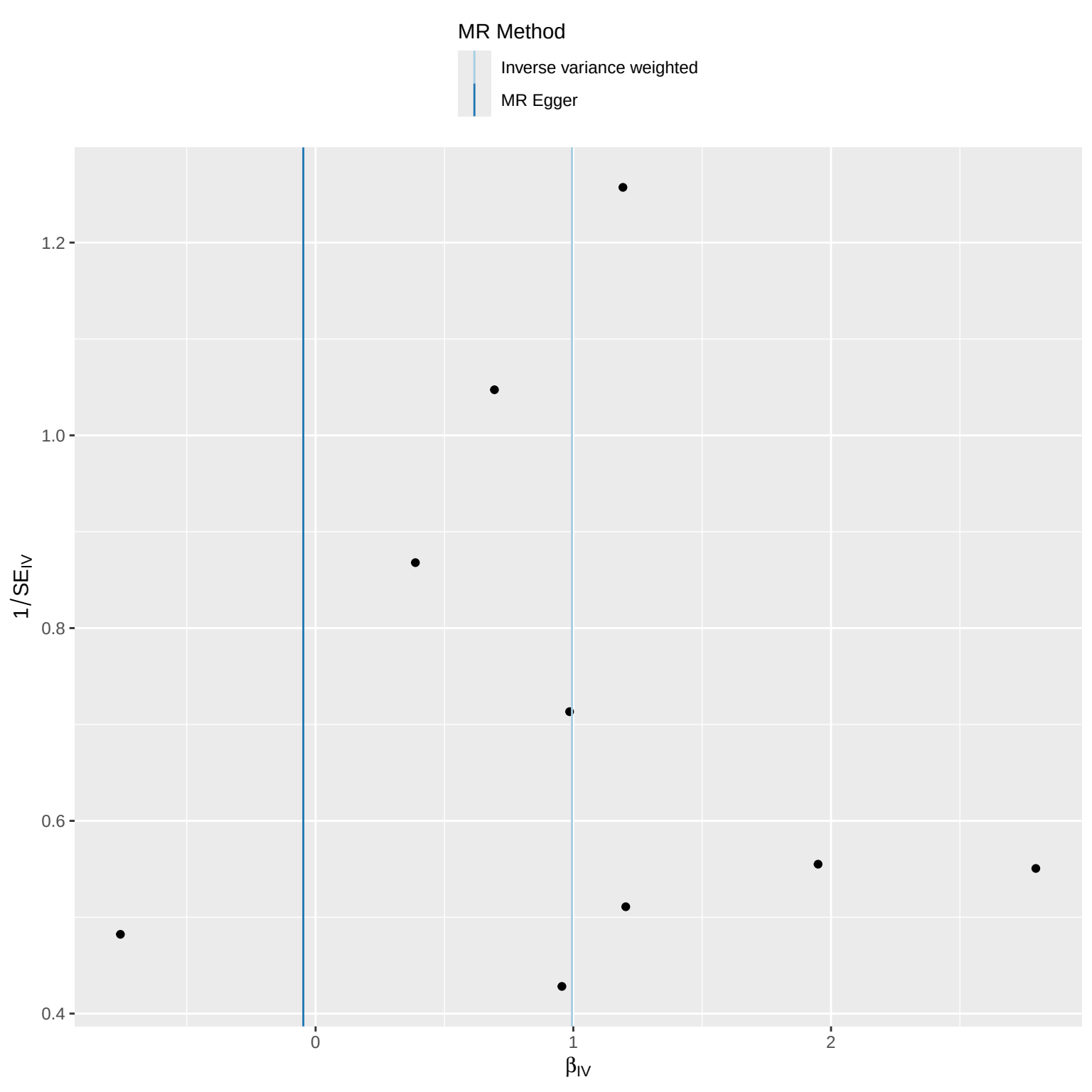

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

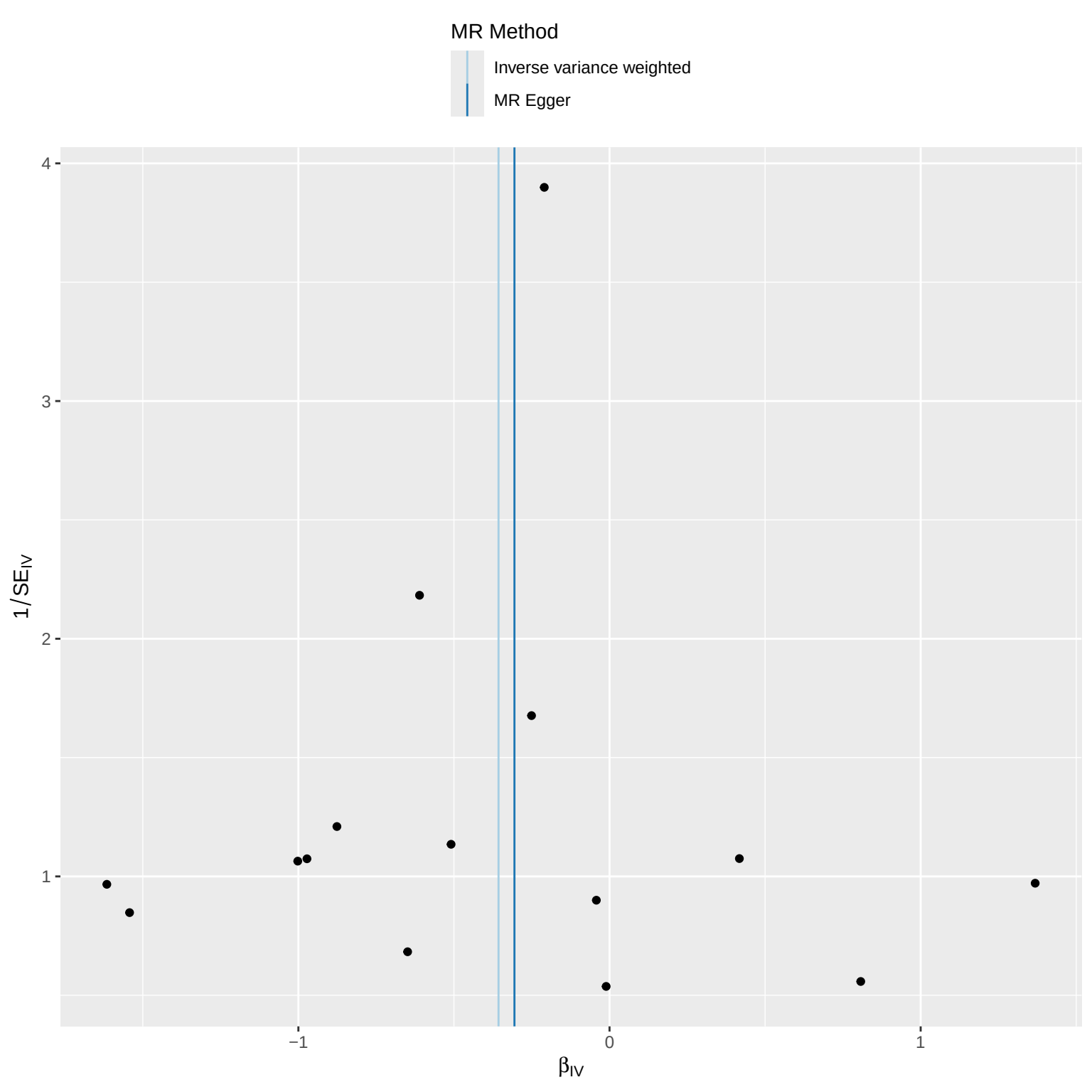

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

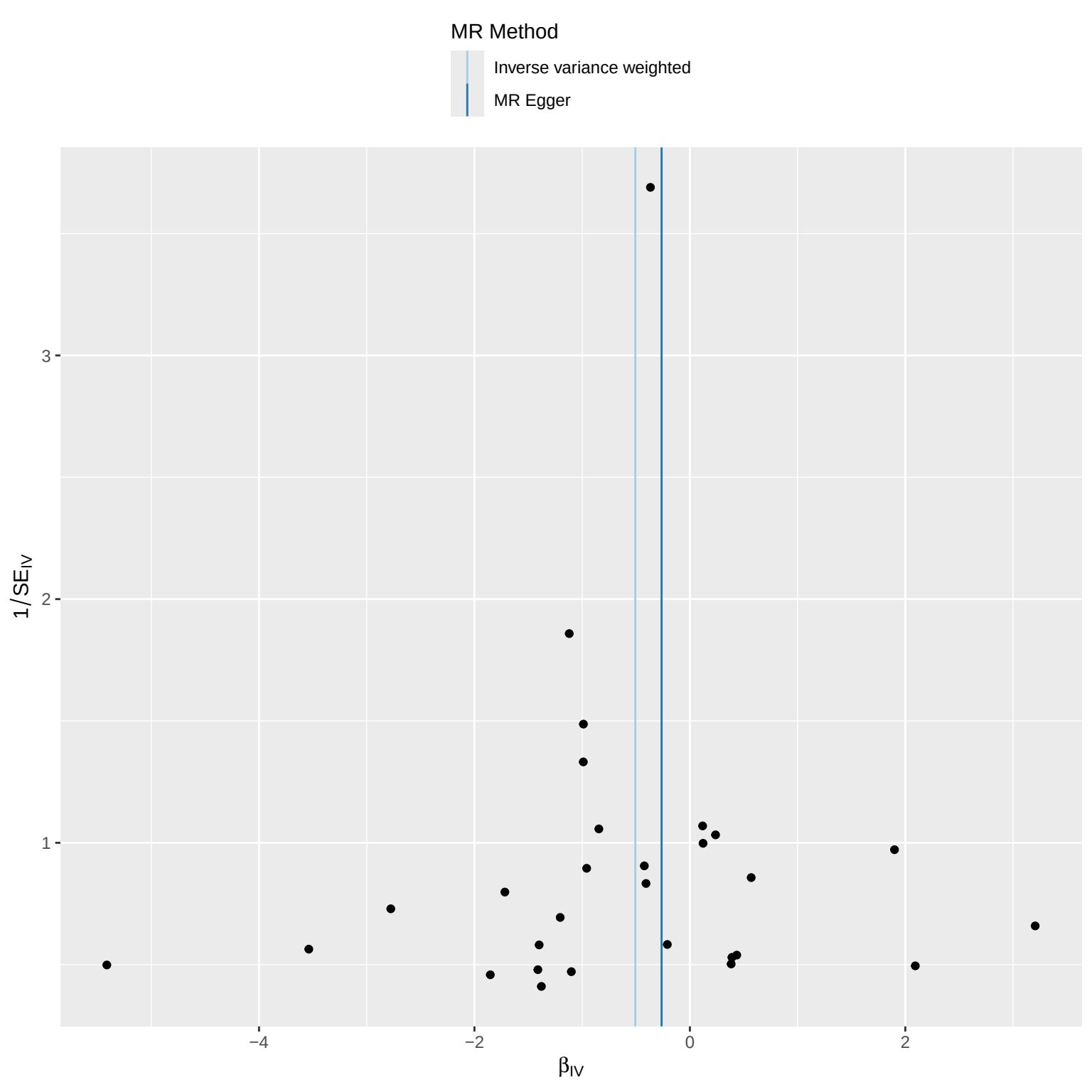

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
1
2
β_IV

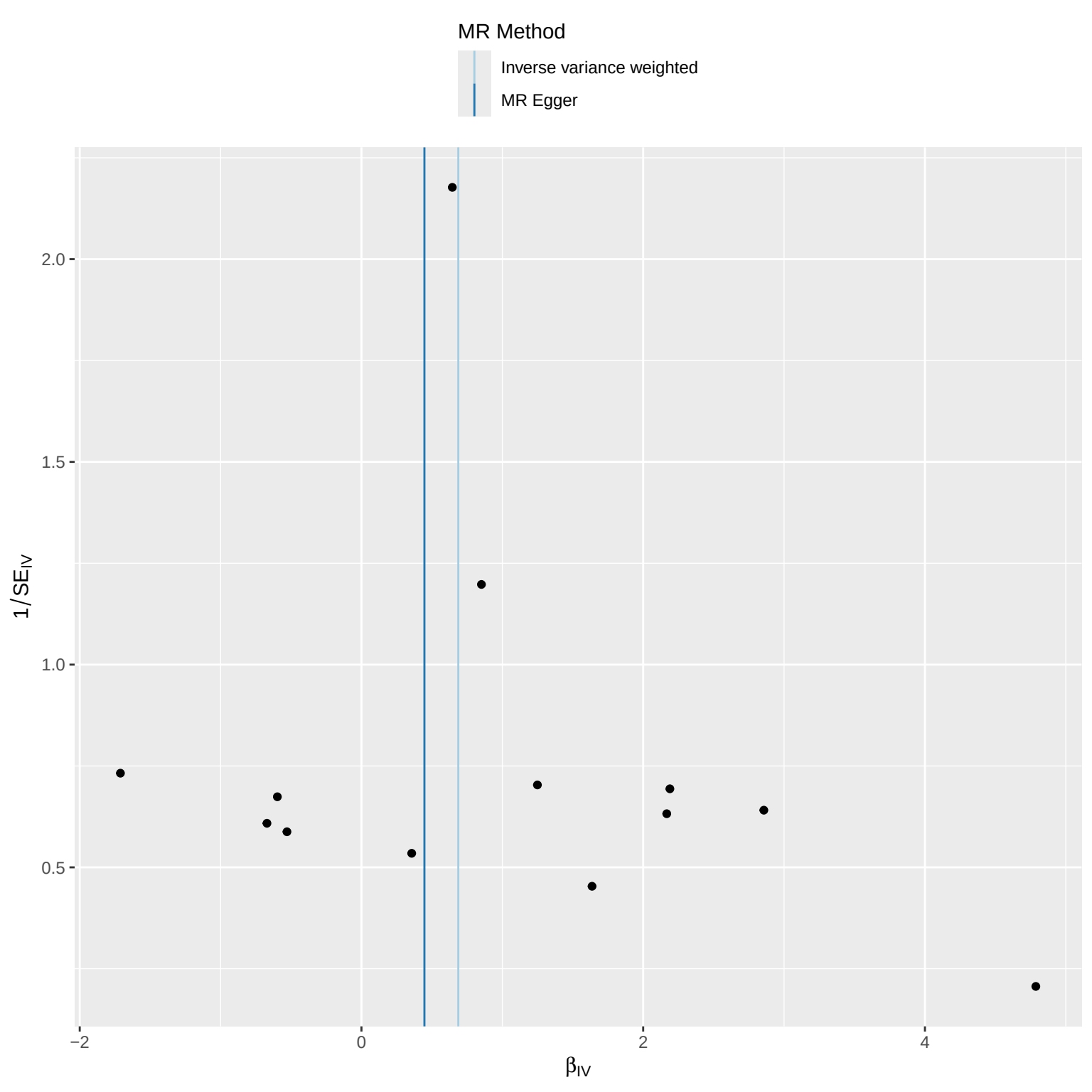

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
3
4
β_IV

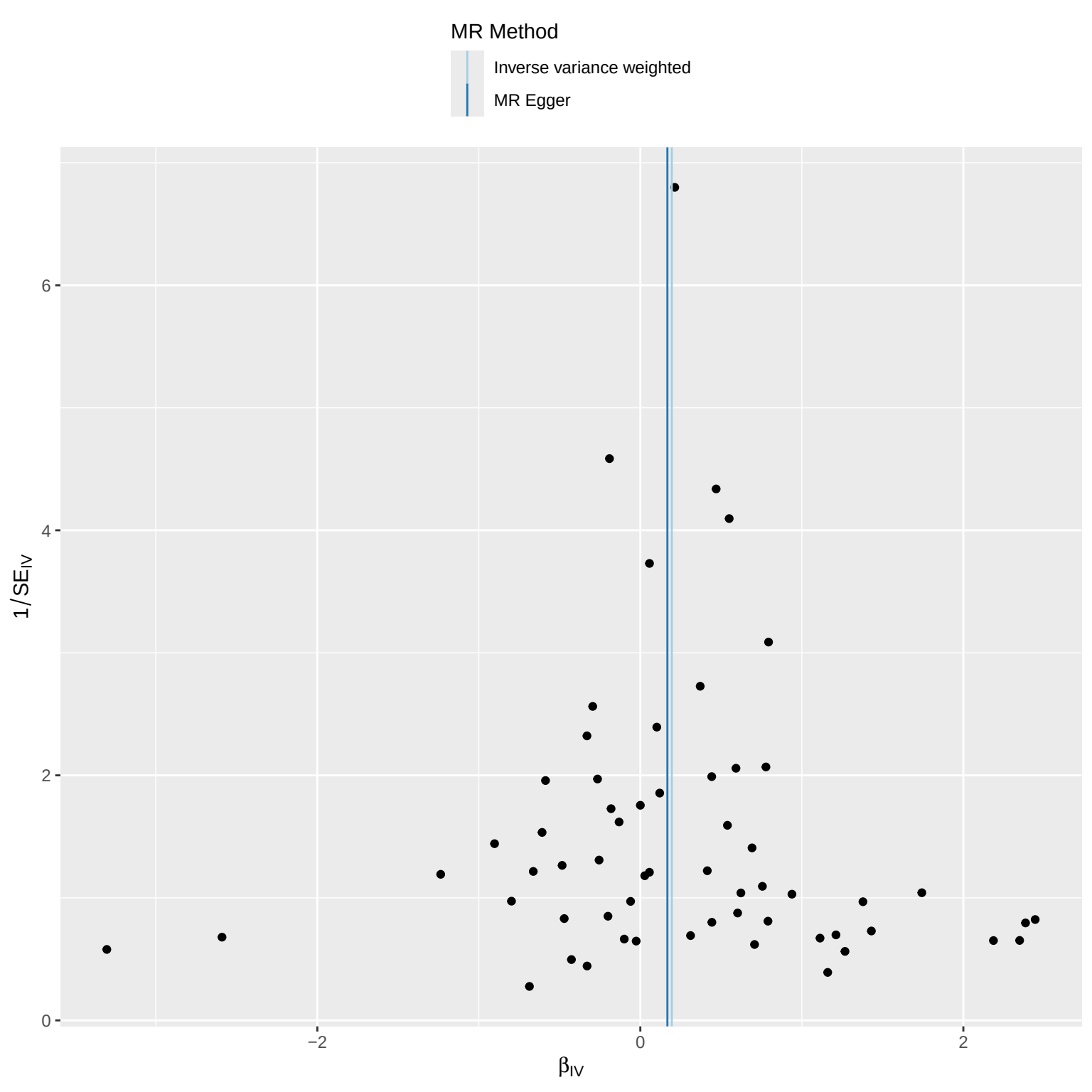

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

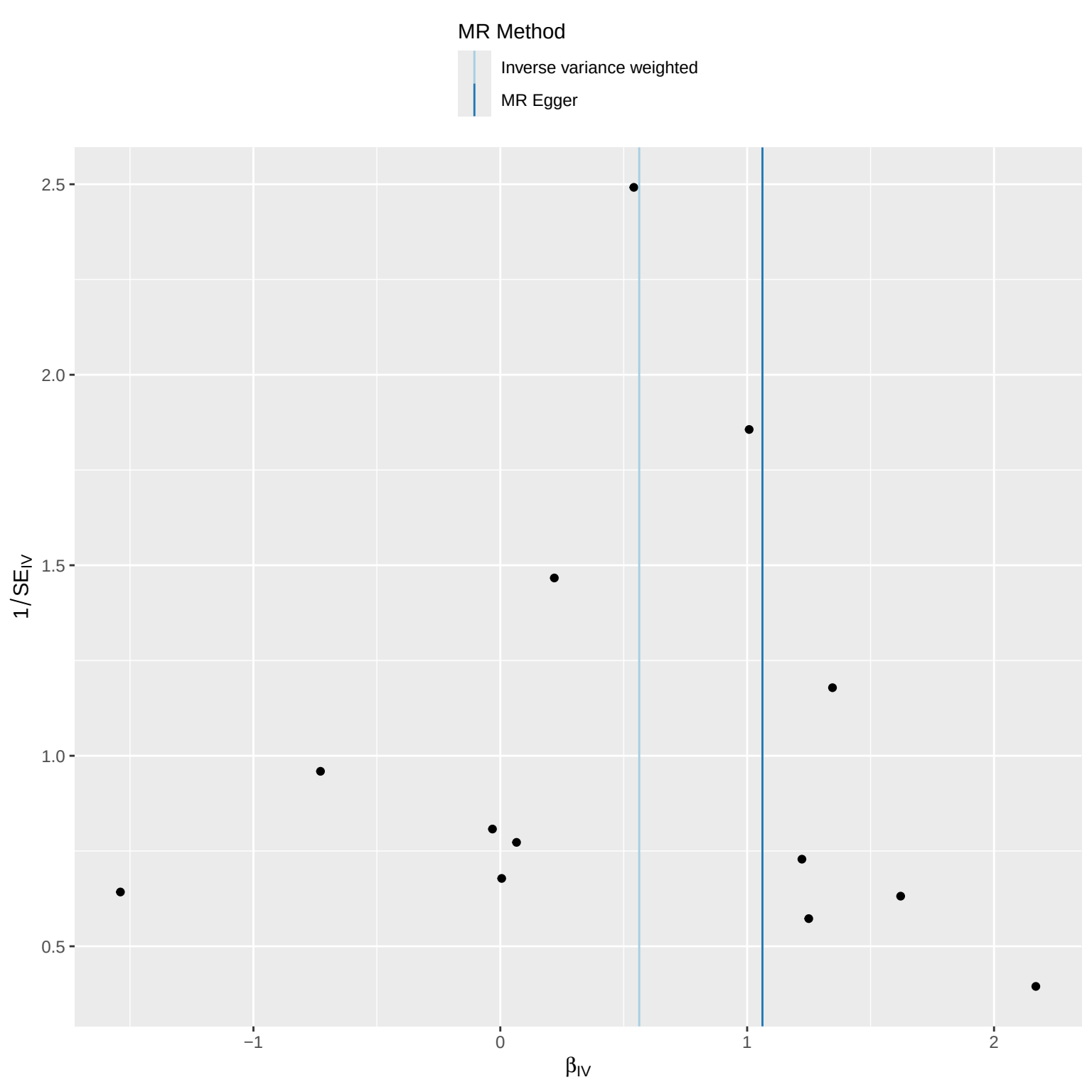

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
β_IV

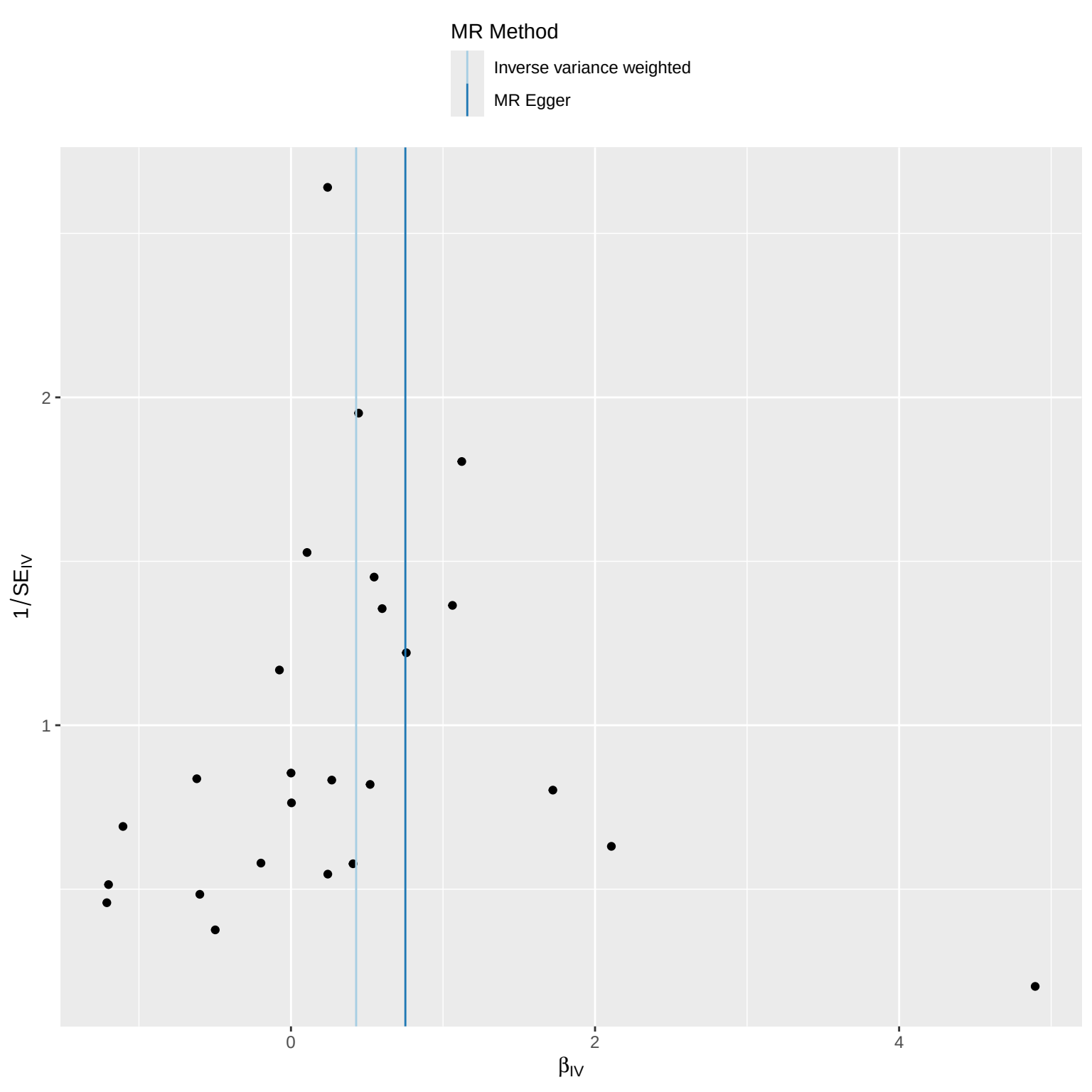

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

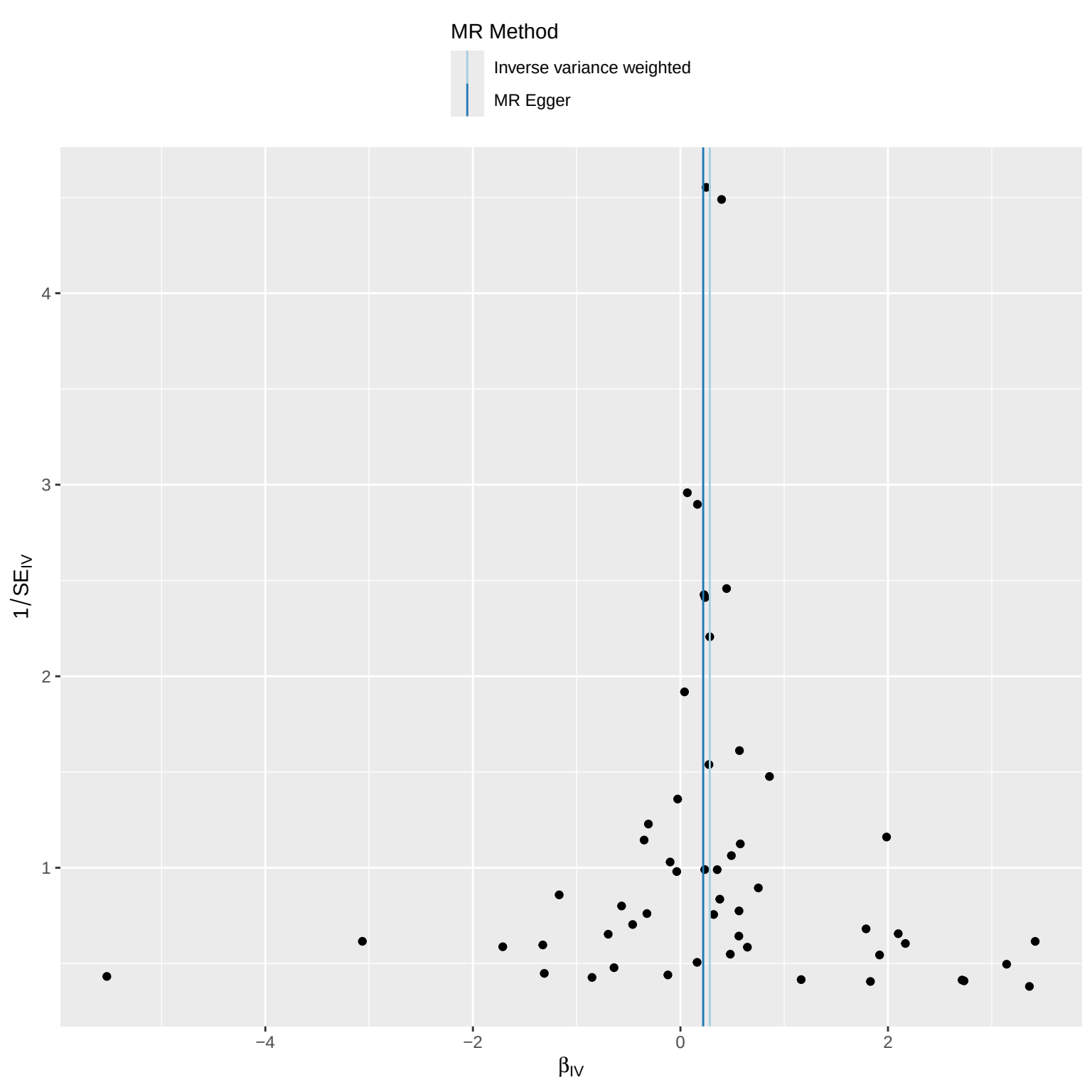

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

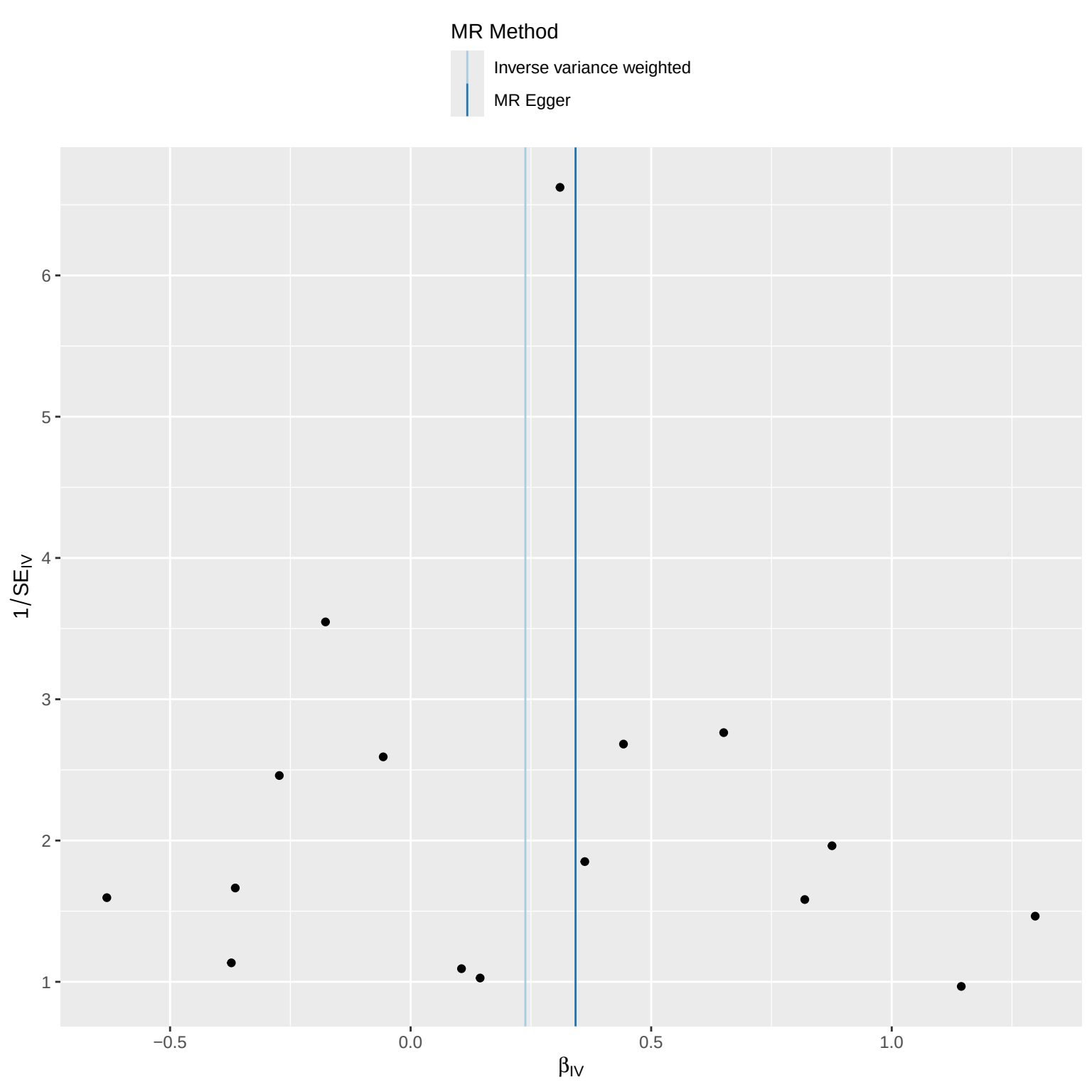

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

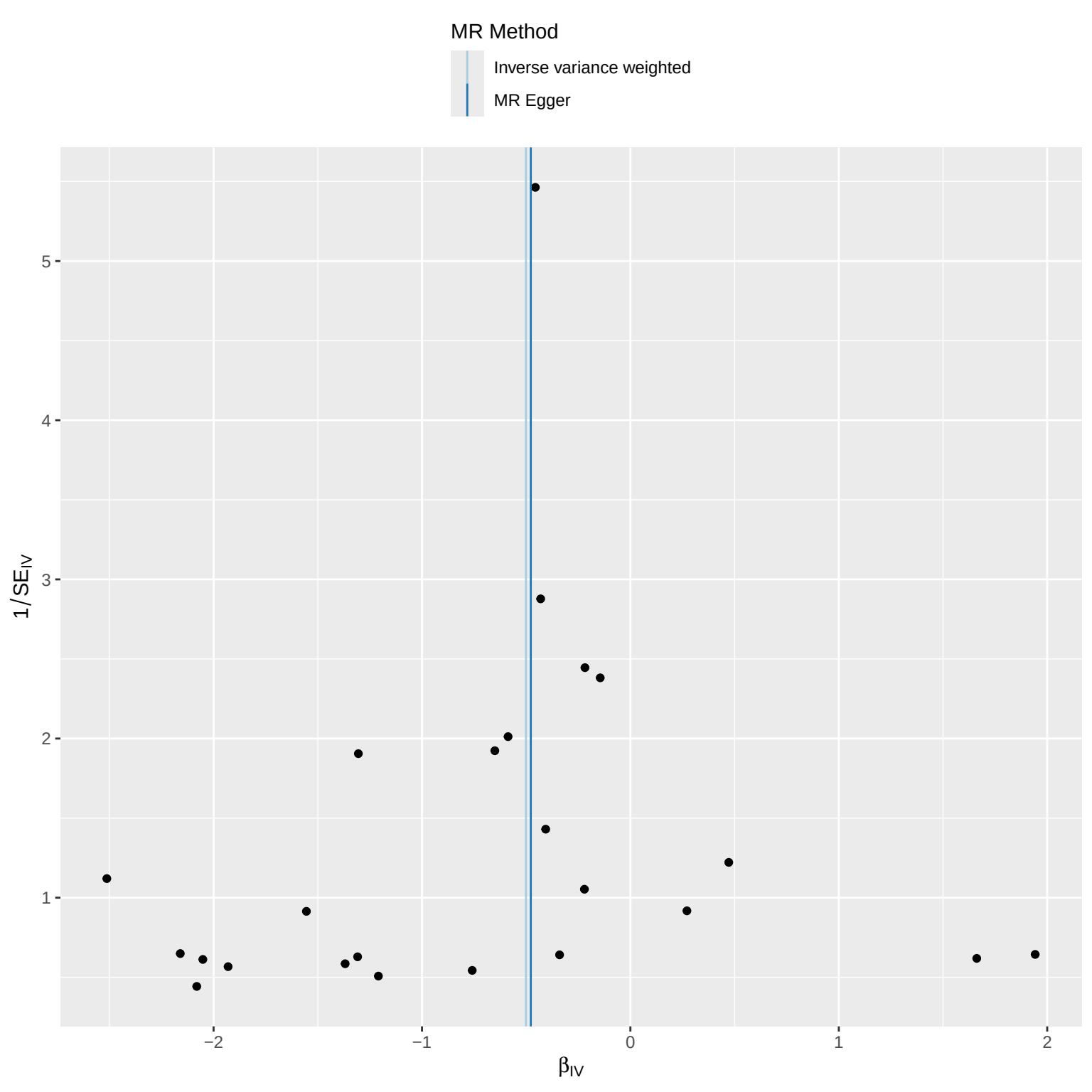

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2
0
2
β_IV

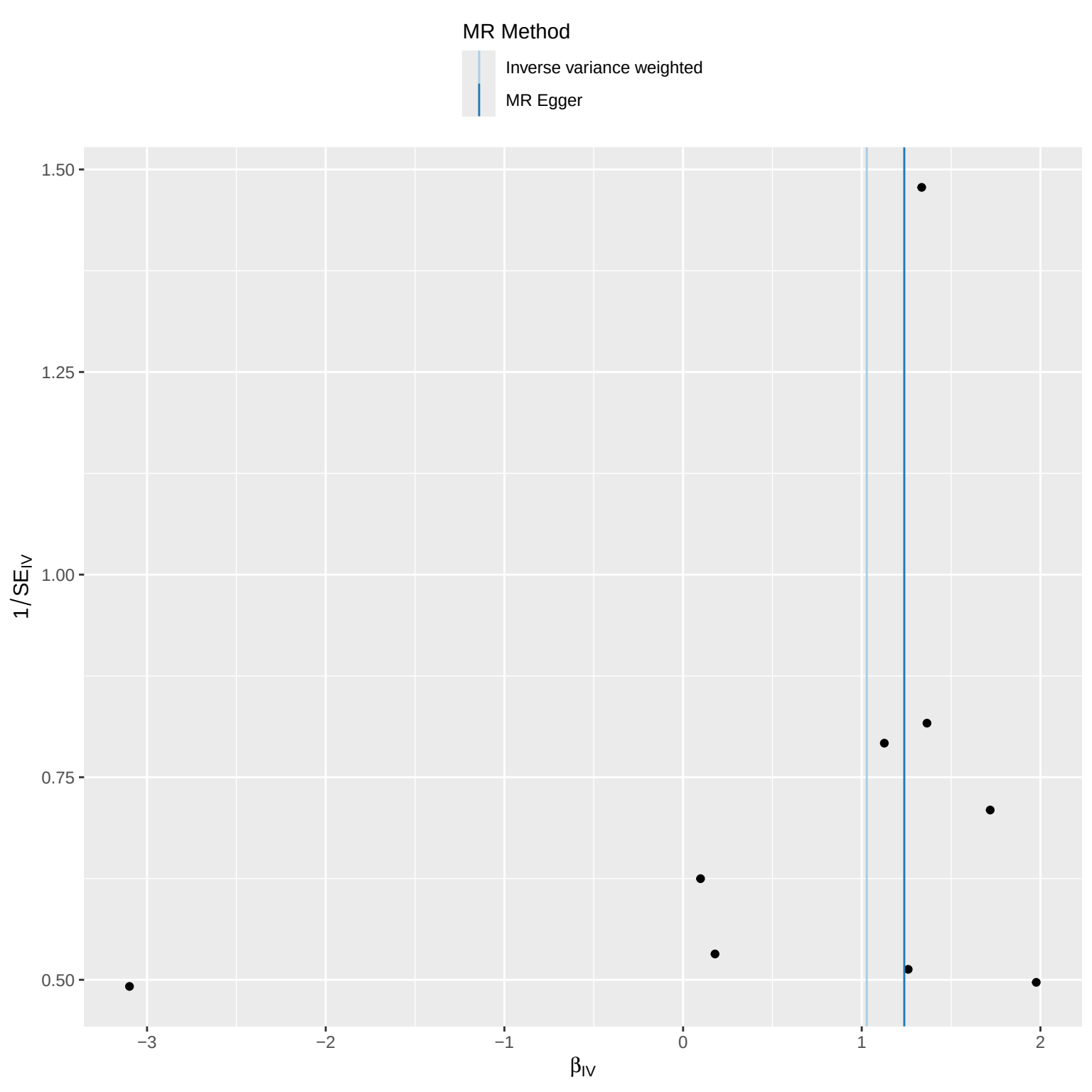

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

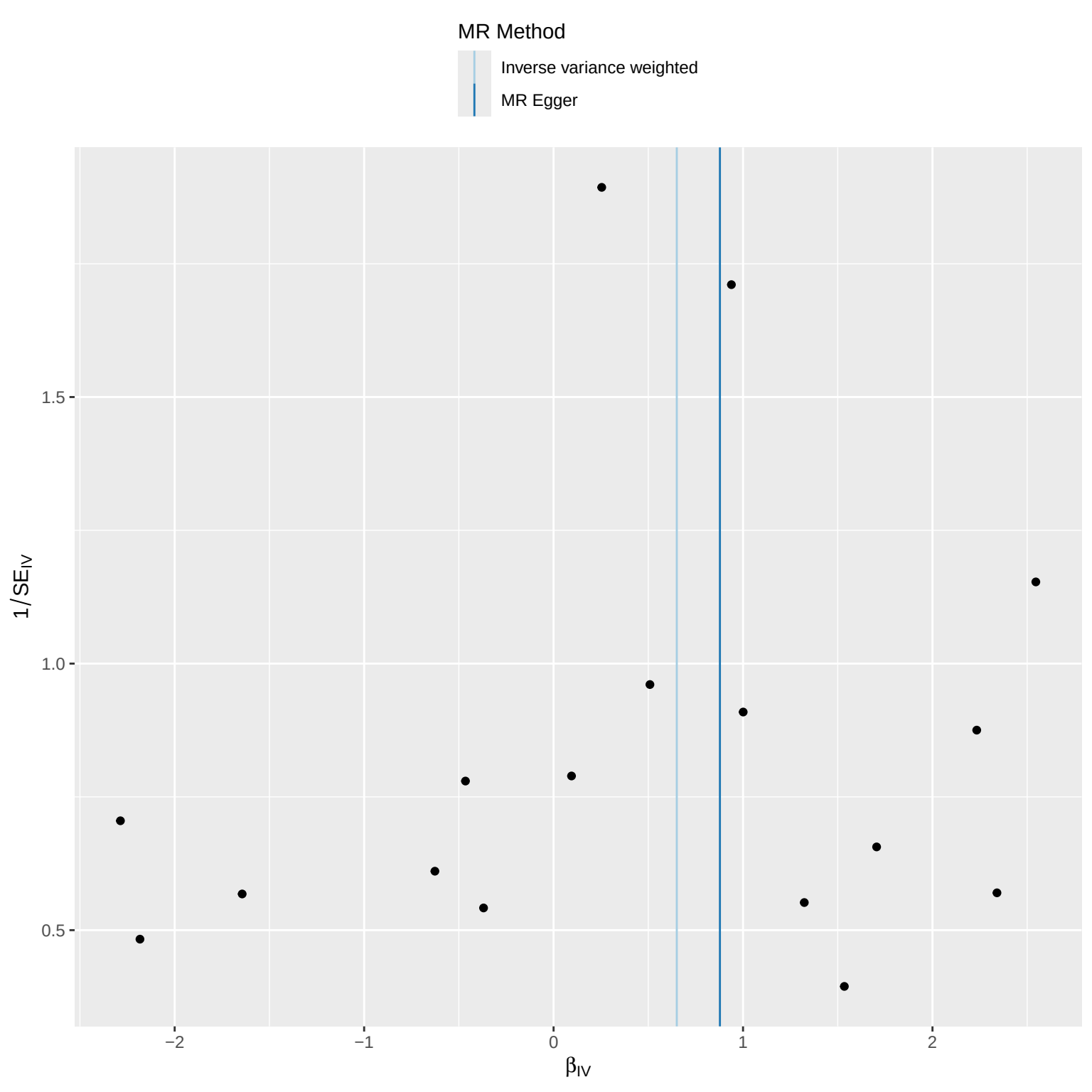

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0
2
4
β_IV

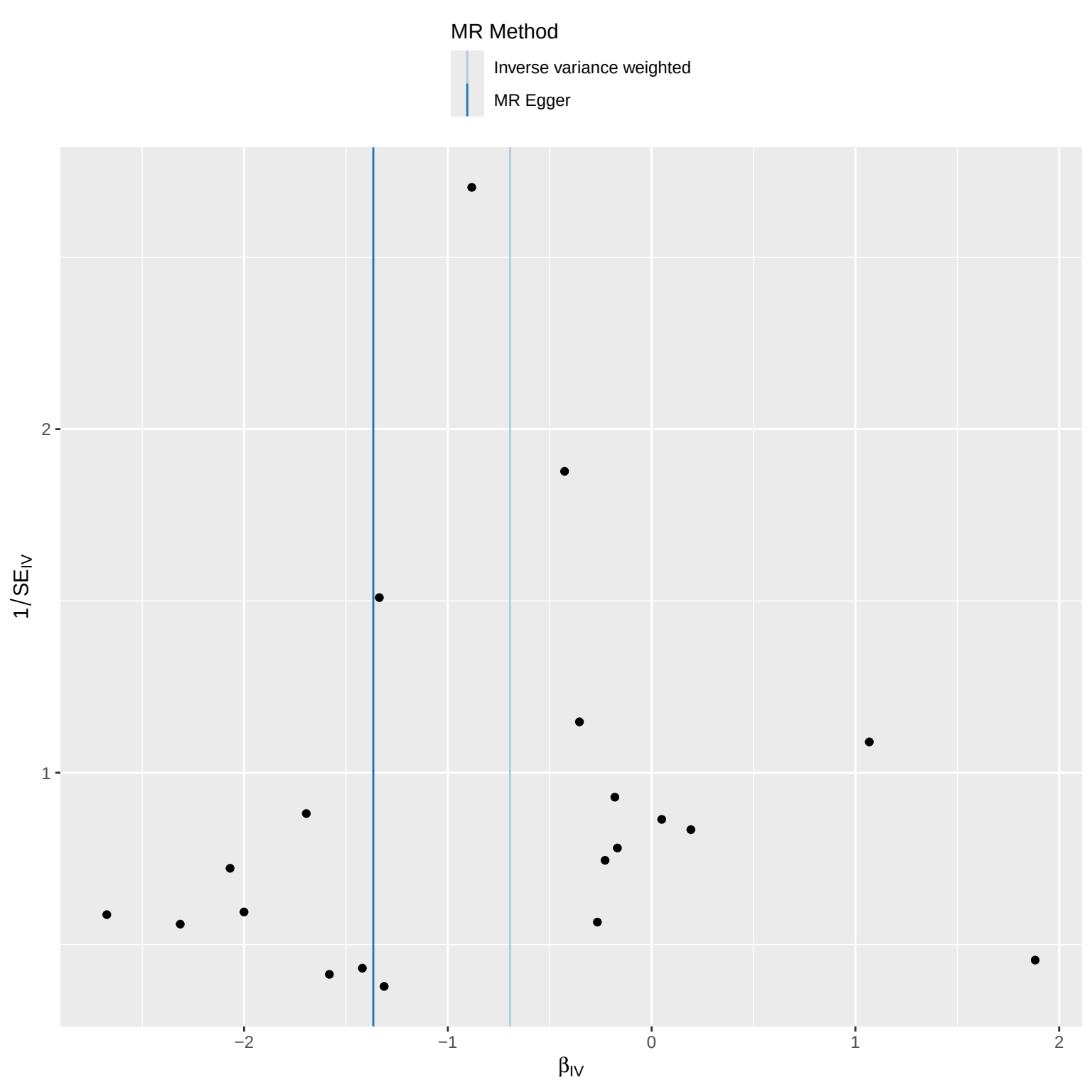

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

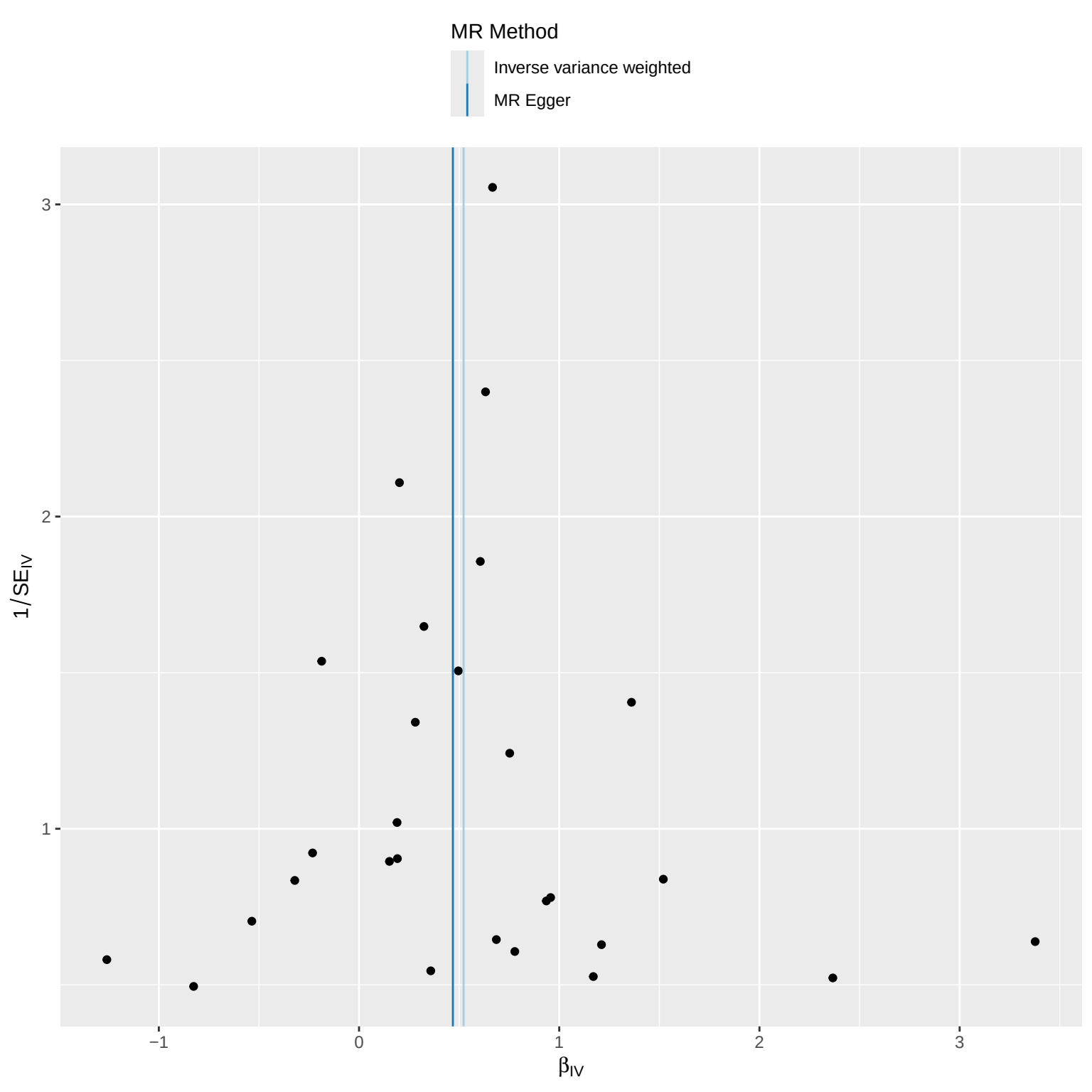

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

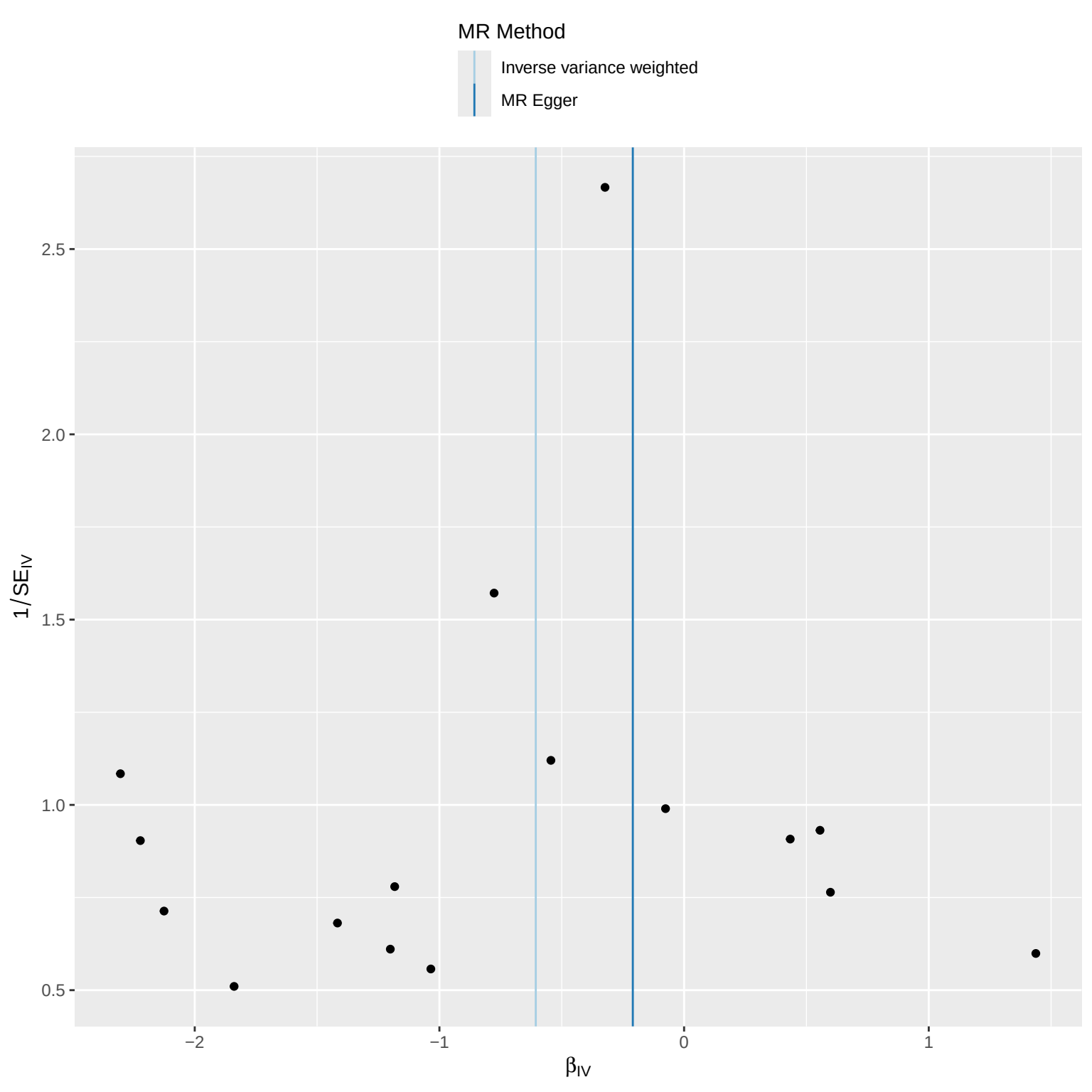

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

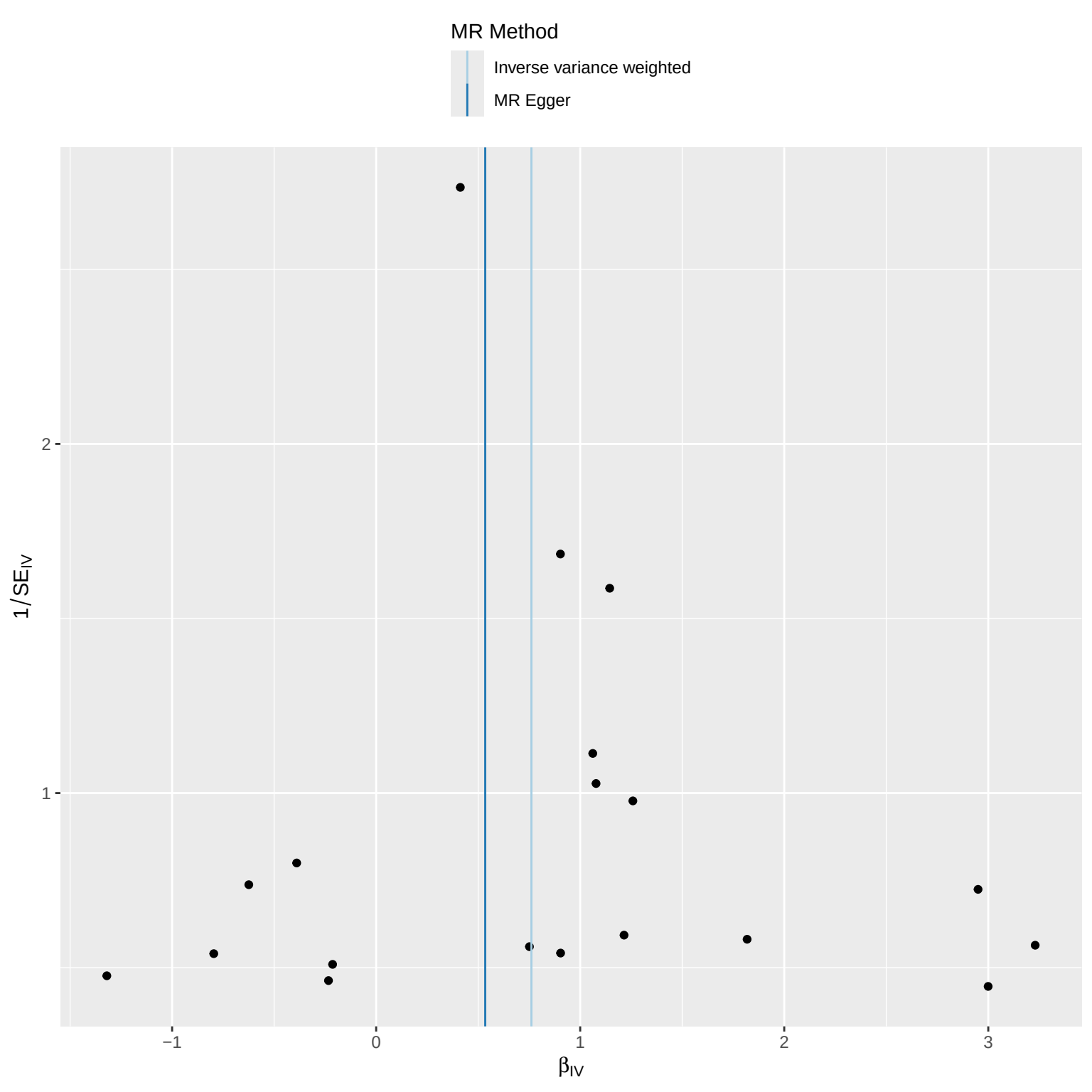

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
2
β_IV

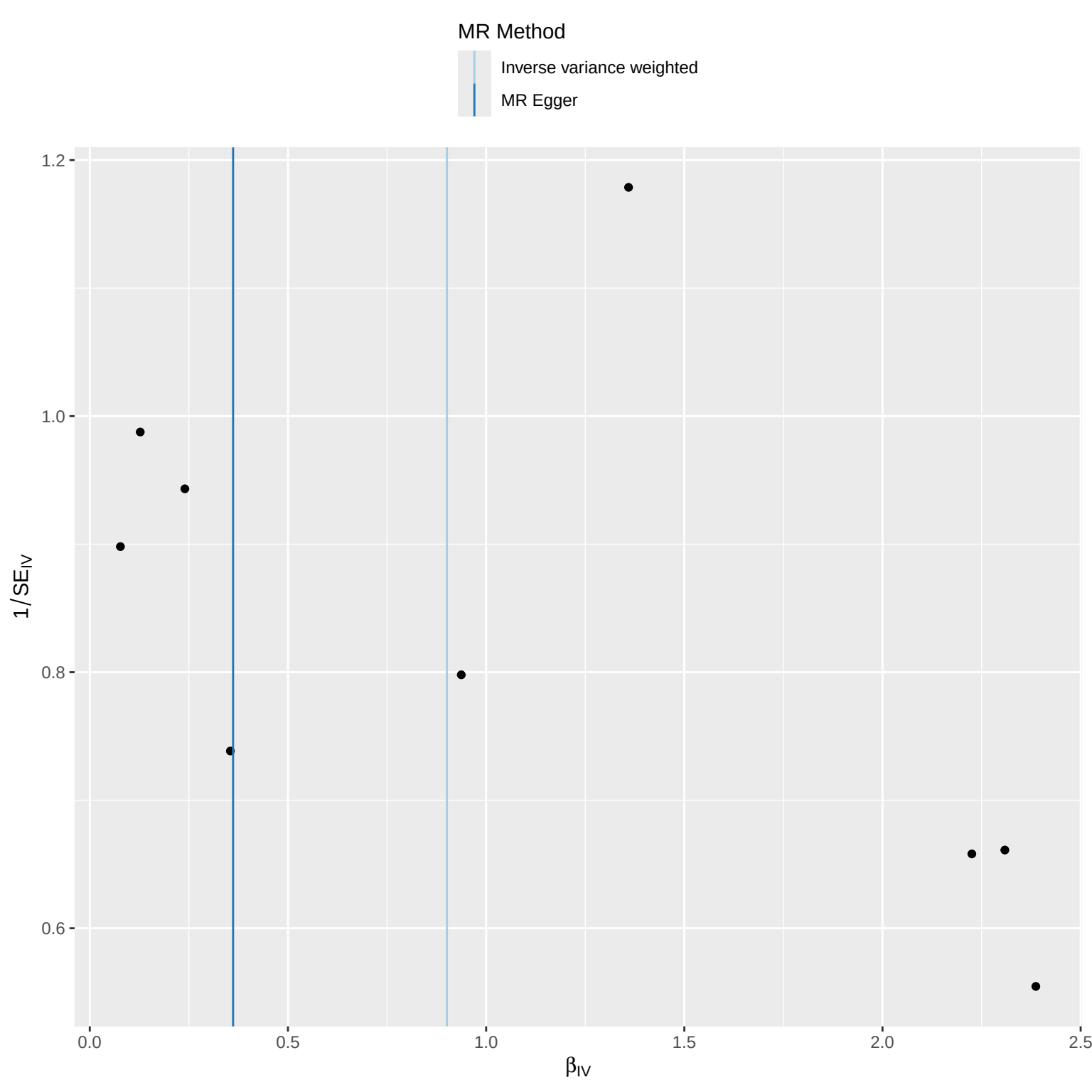

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

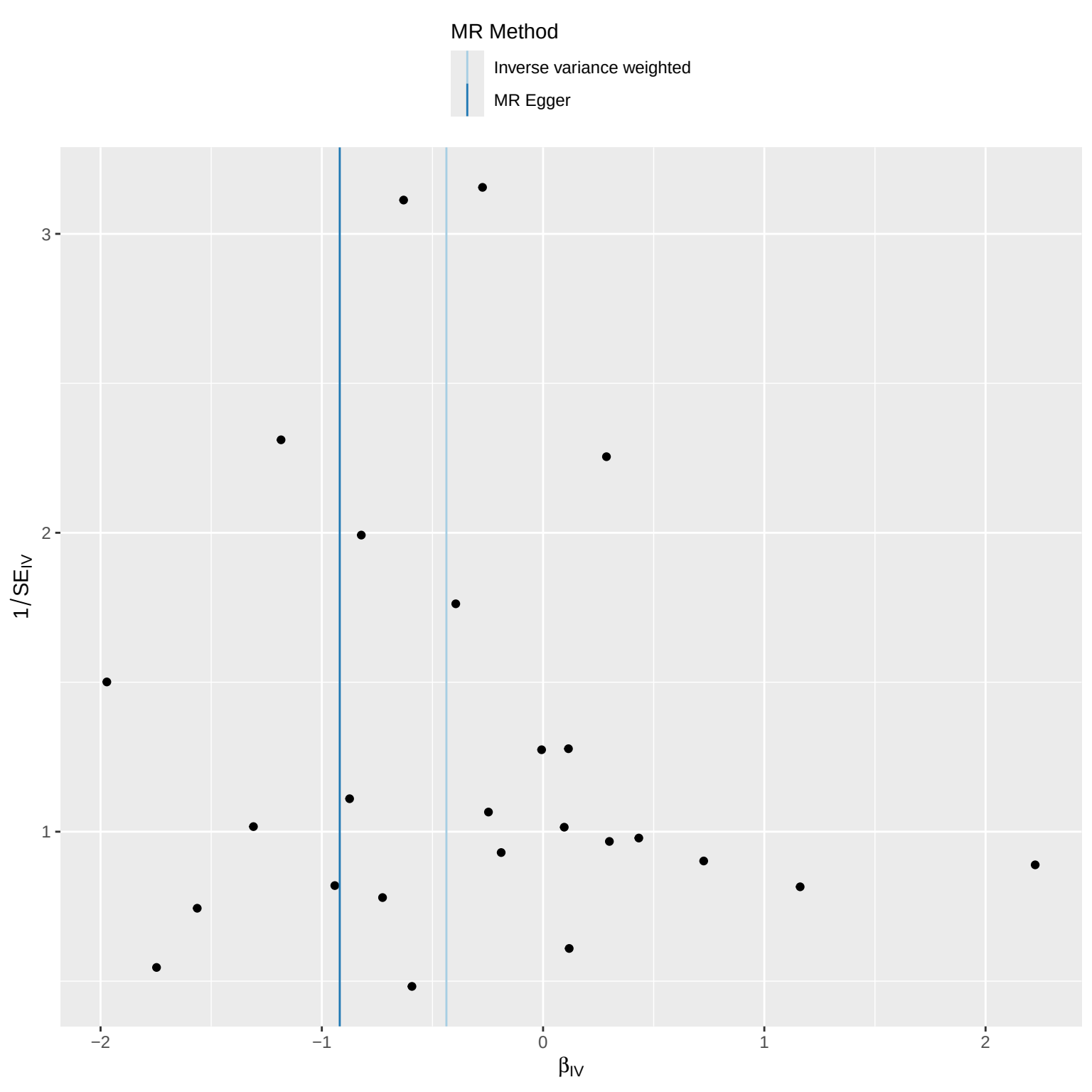

MR Method
Inverse variance weighted
MR Egger
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

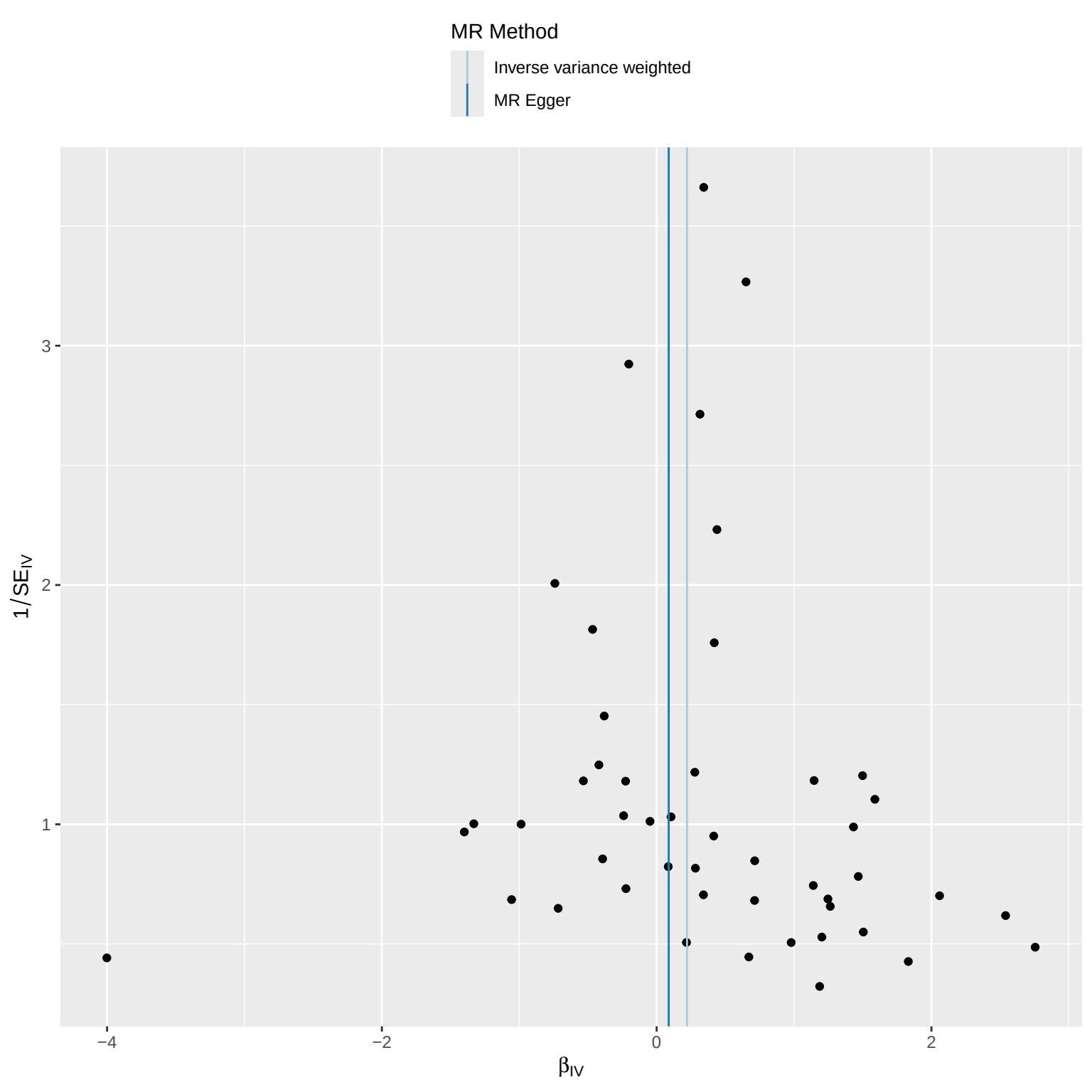

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

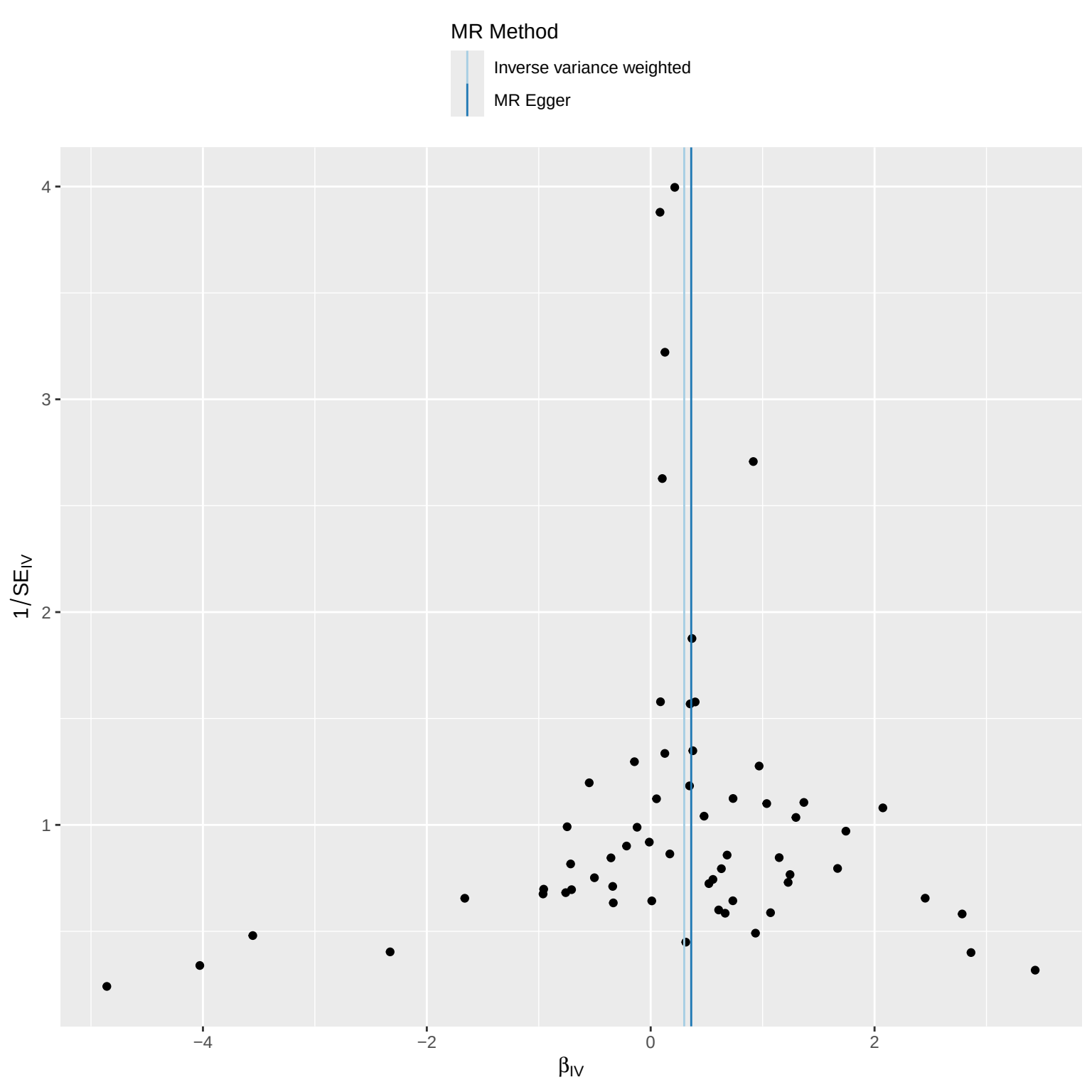

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

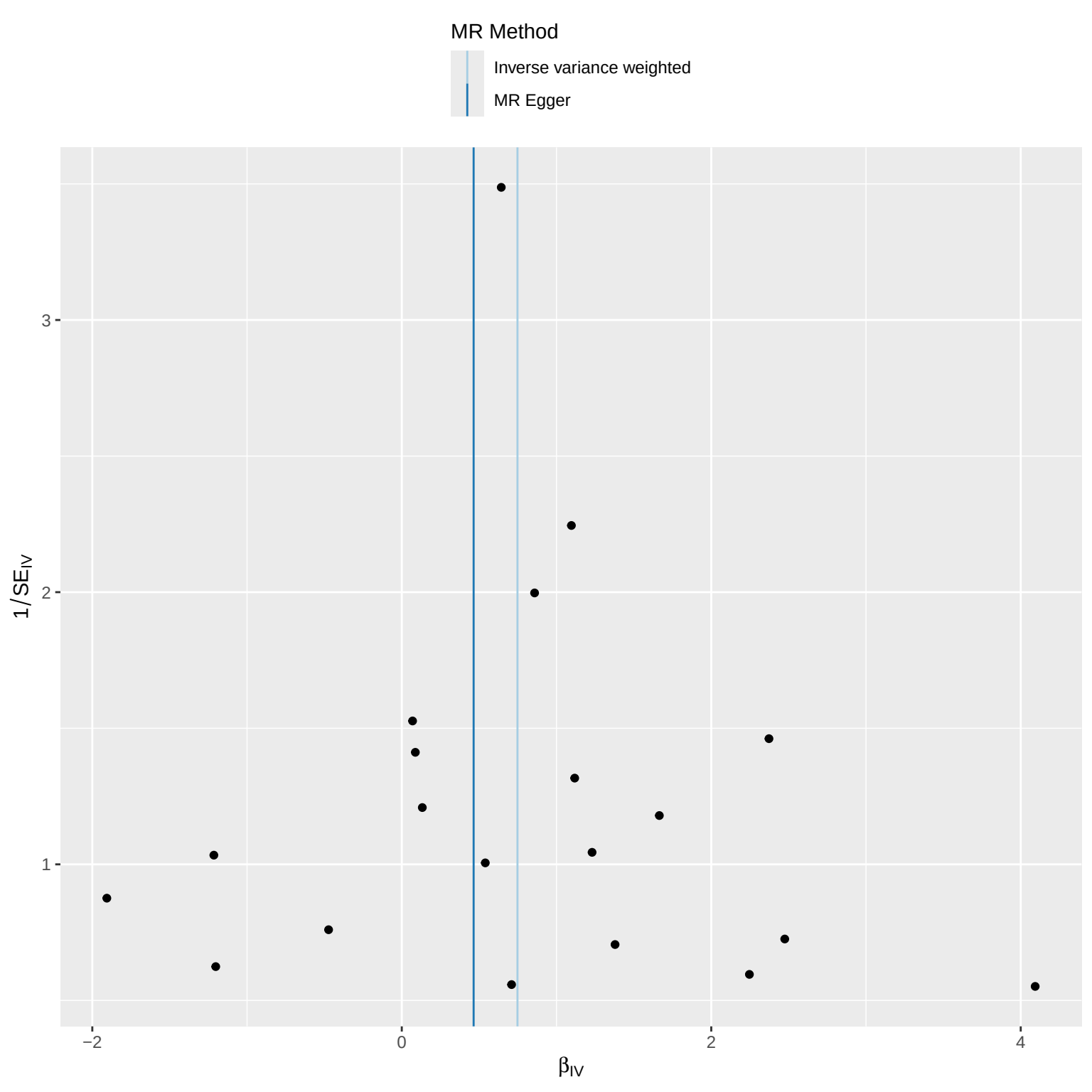

MR Method
Inverse variance weighted
MR Egger
2
1
$1/SE_{IV}$
−1
0
1
2
3
β_{IV}

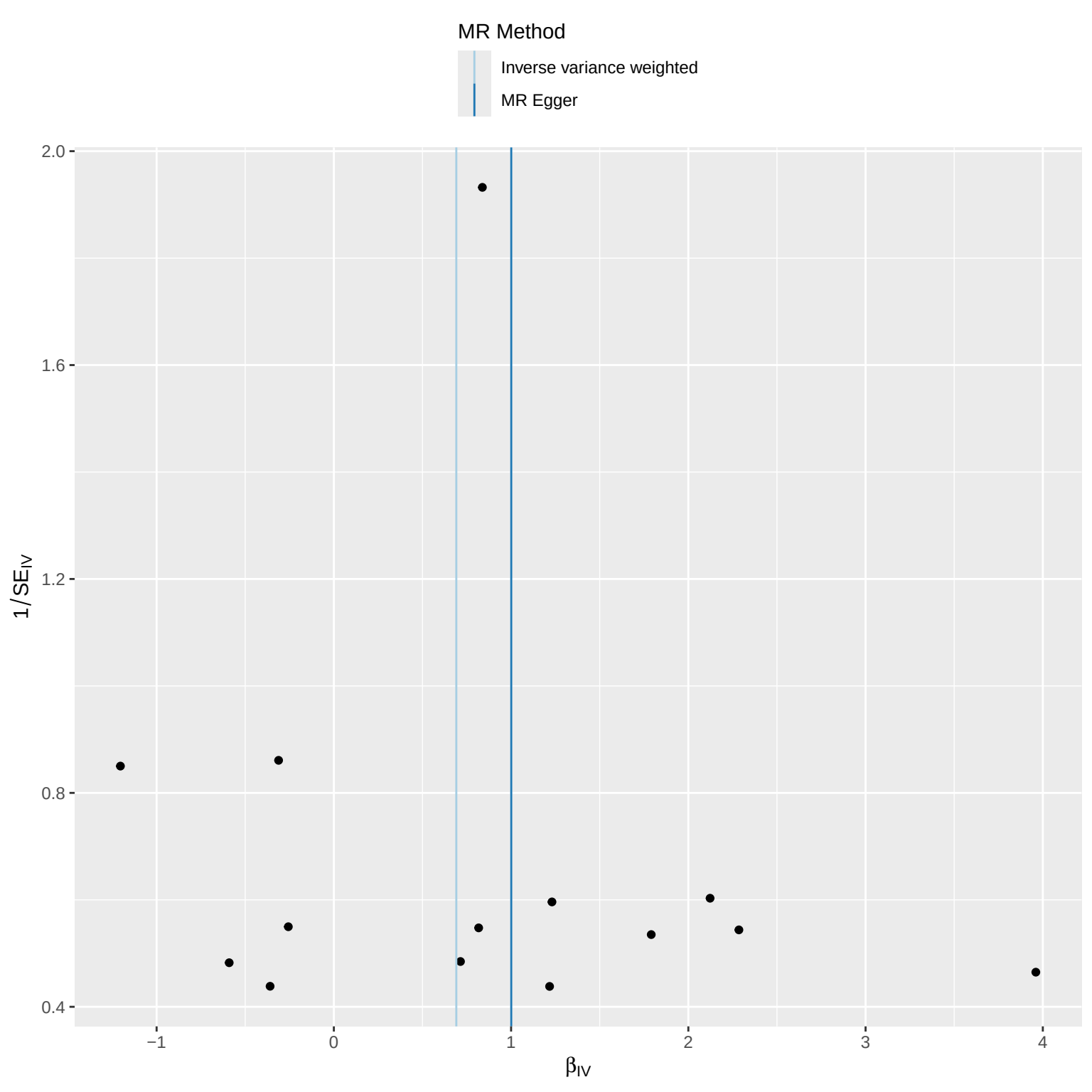

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

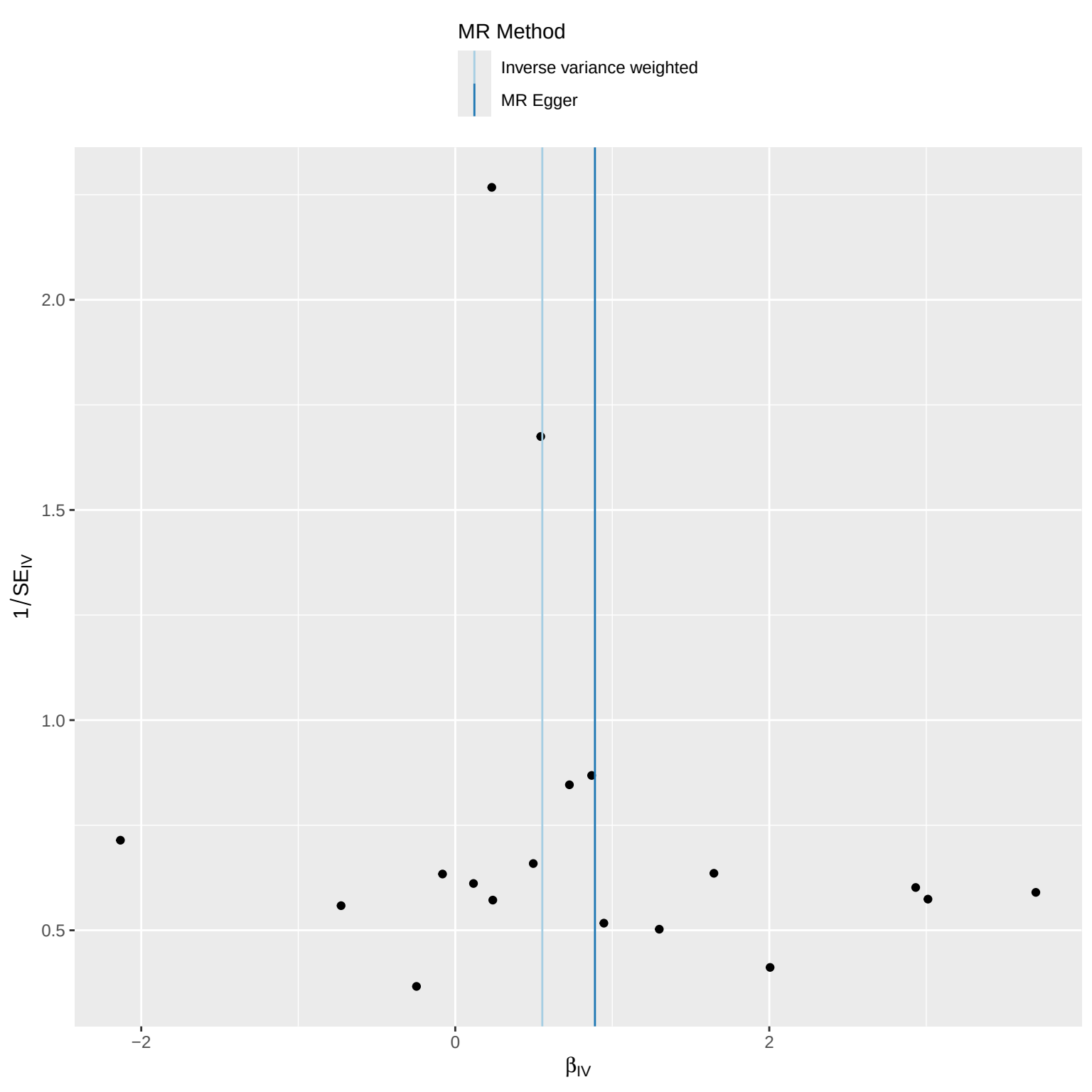

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

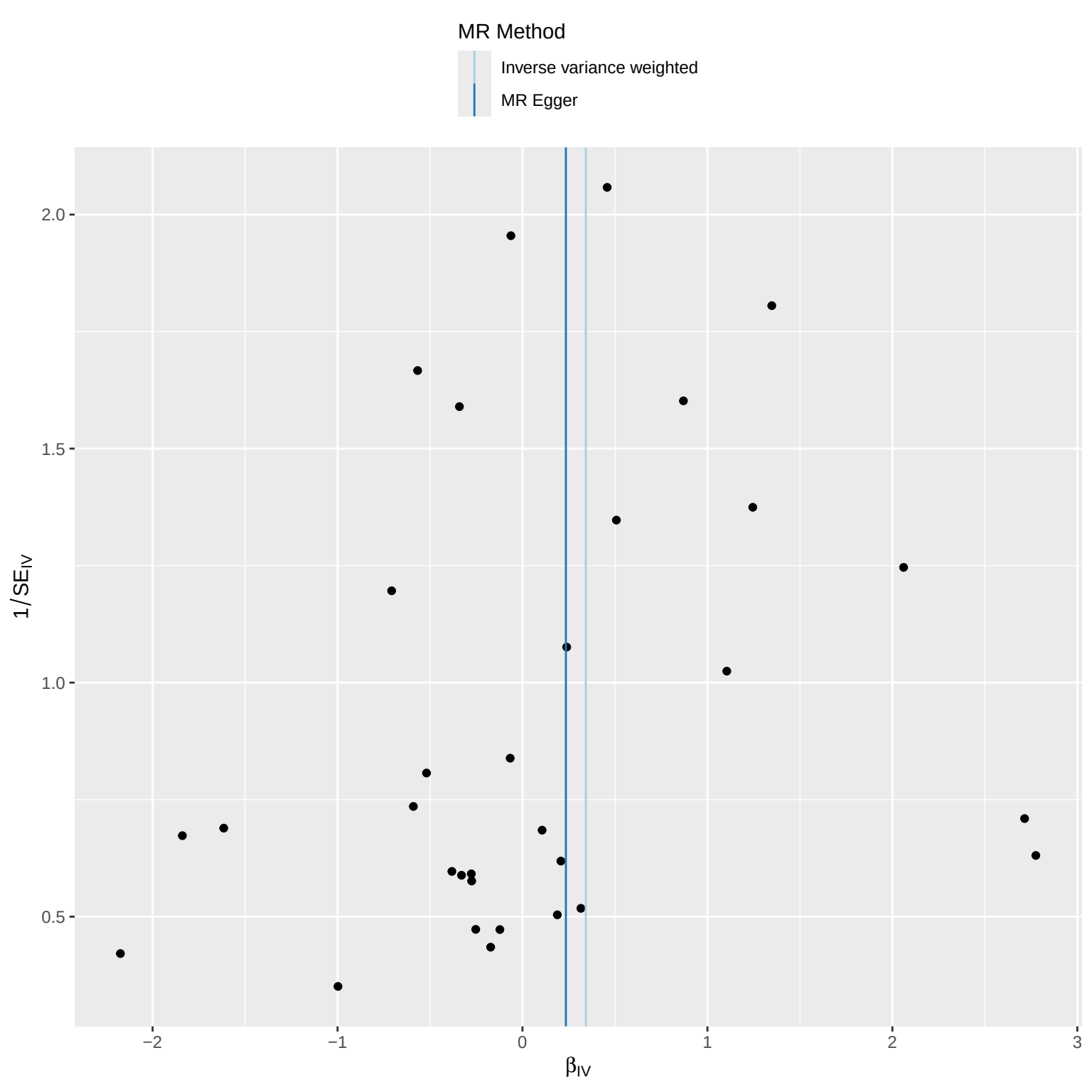

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

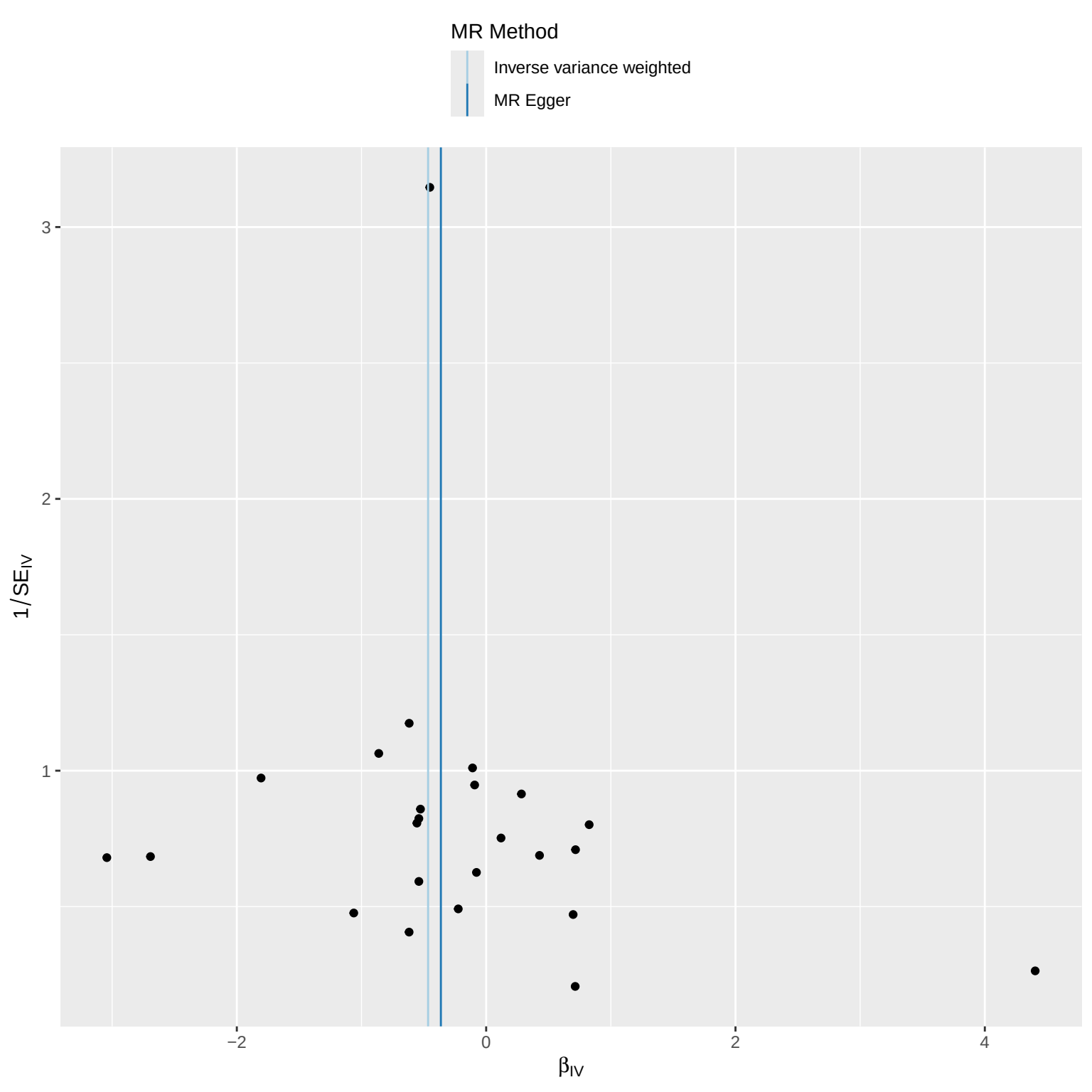

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

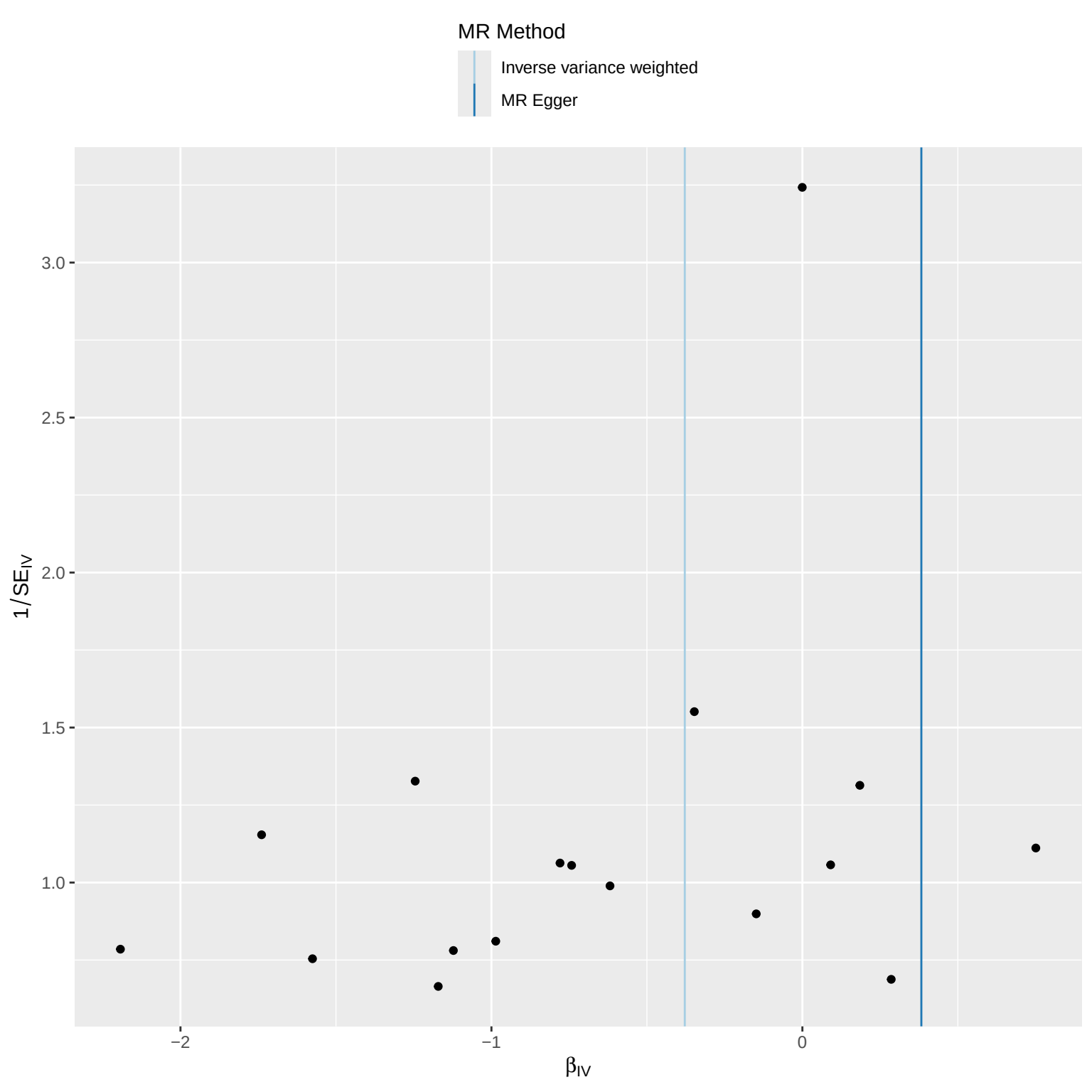

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

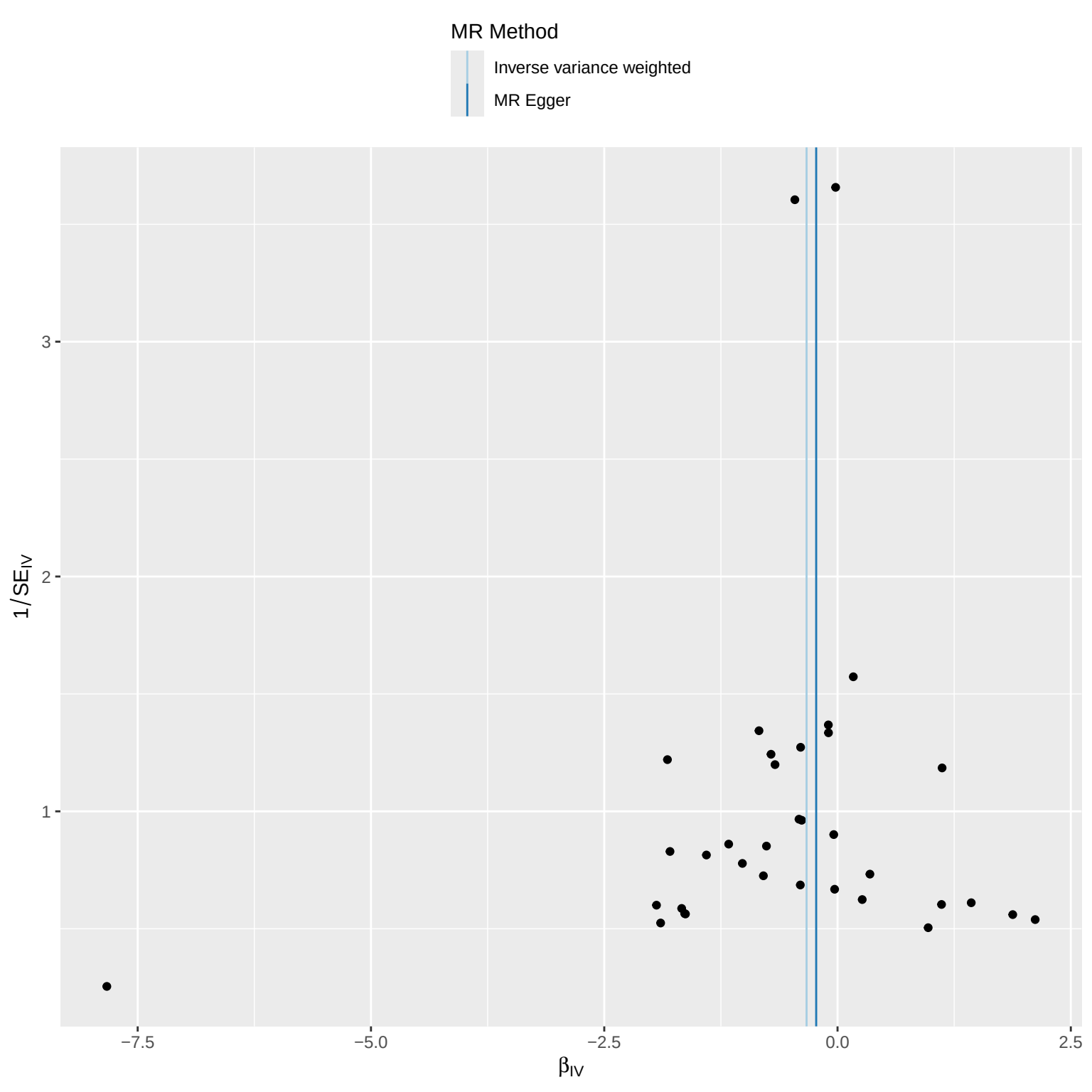

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
4
β_IV

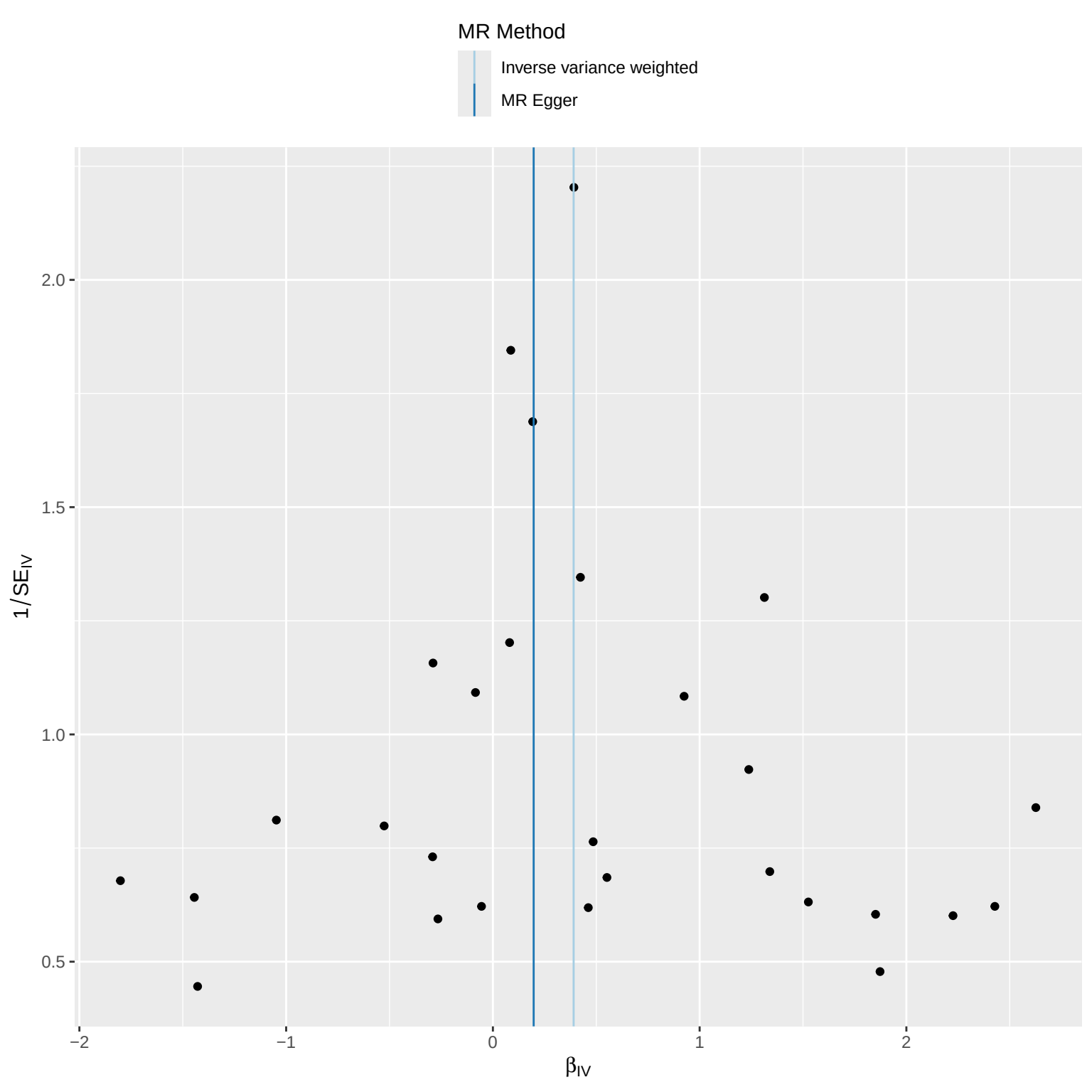

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

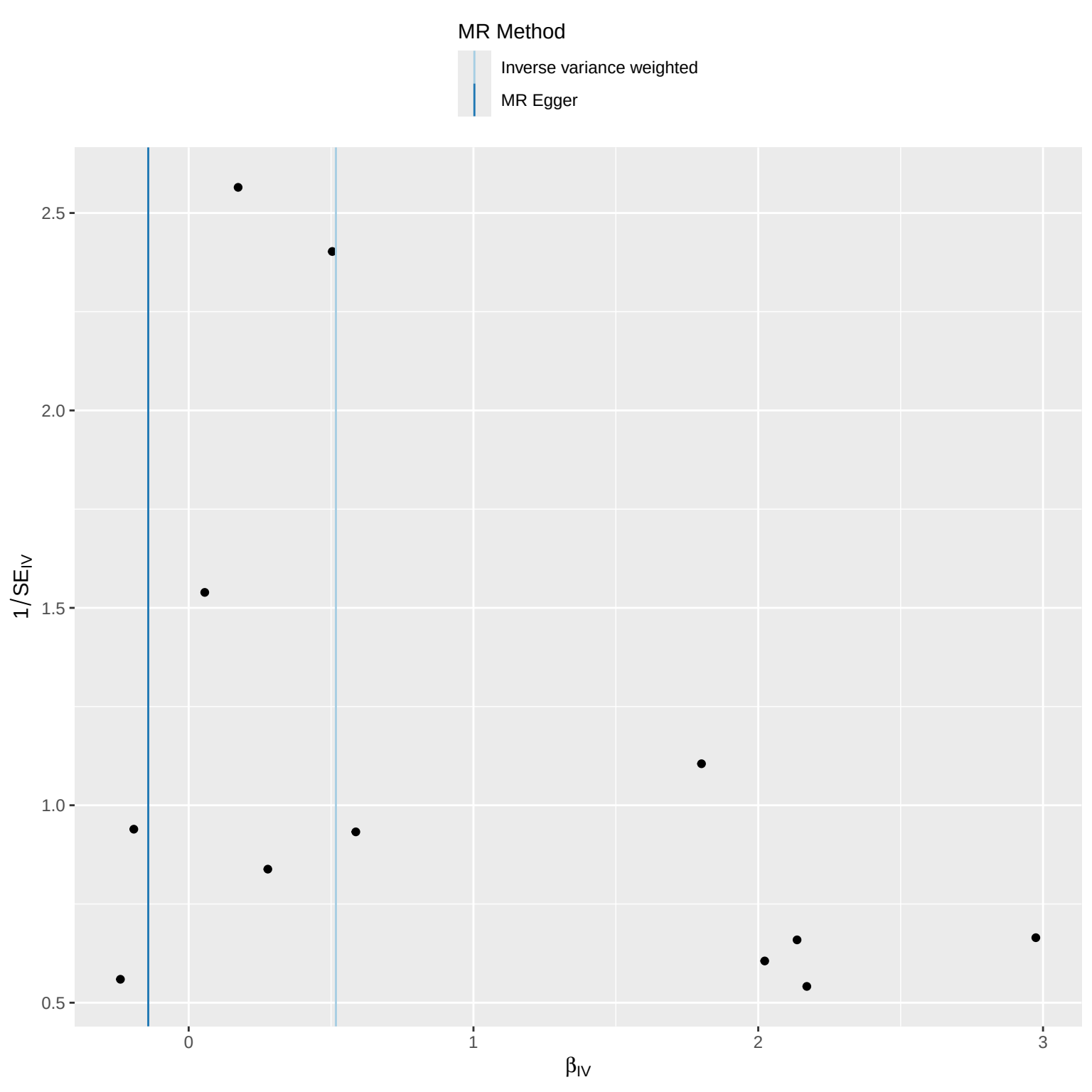

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

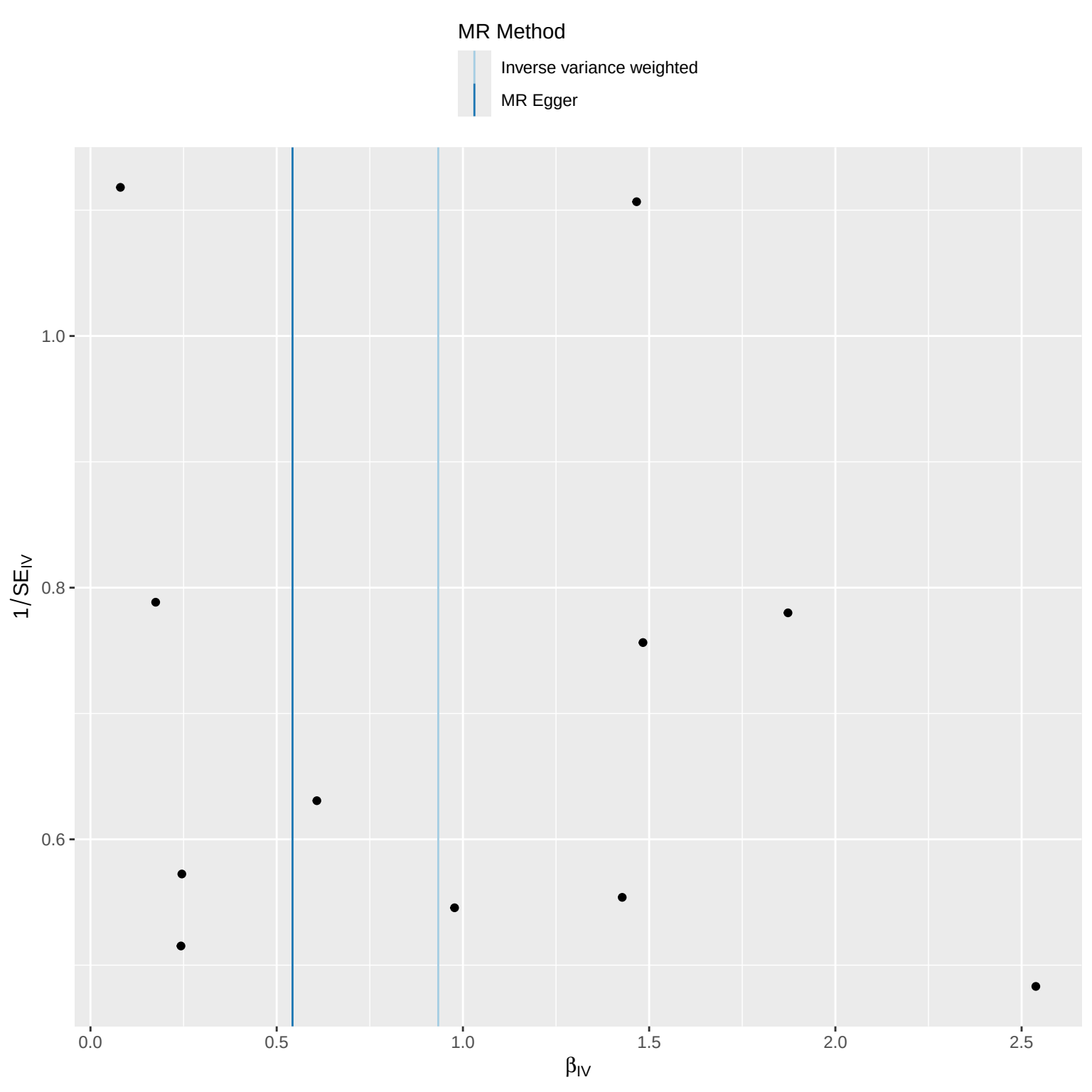

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

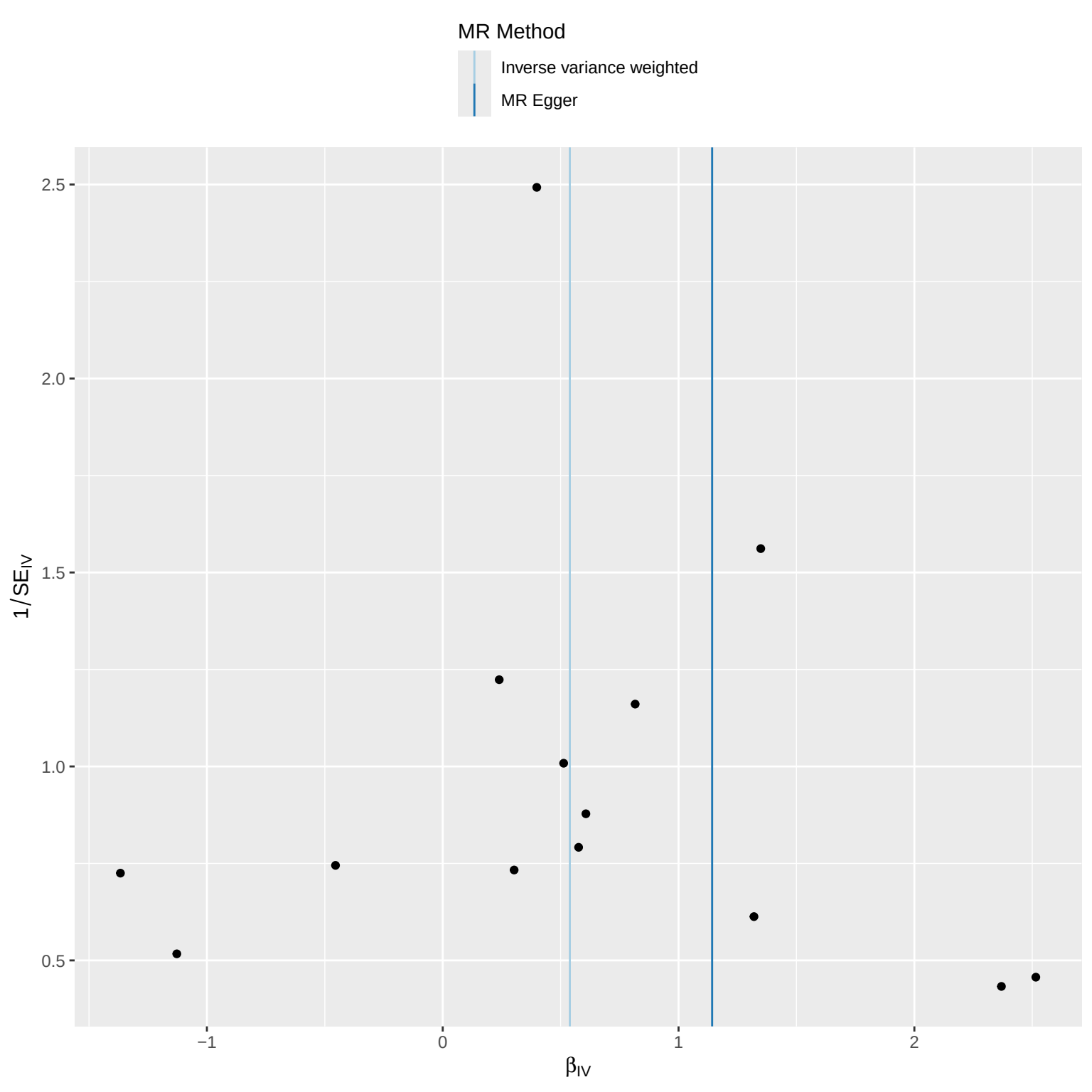

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

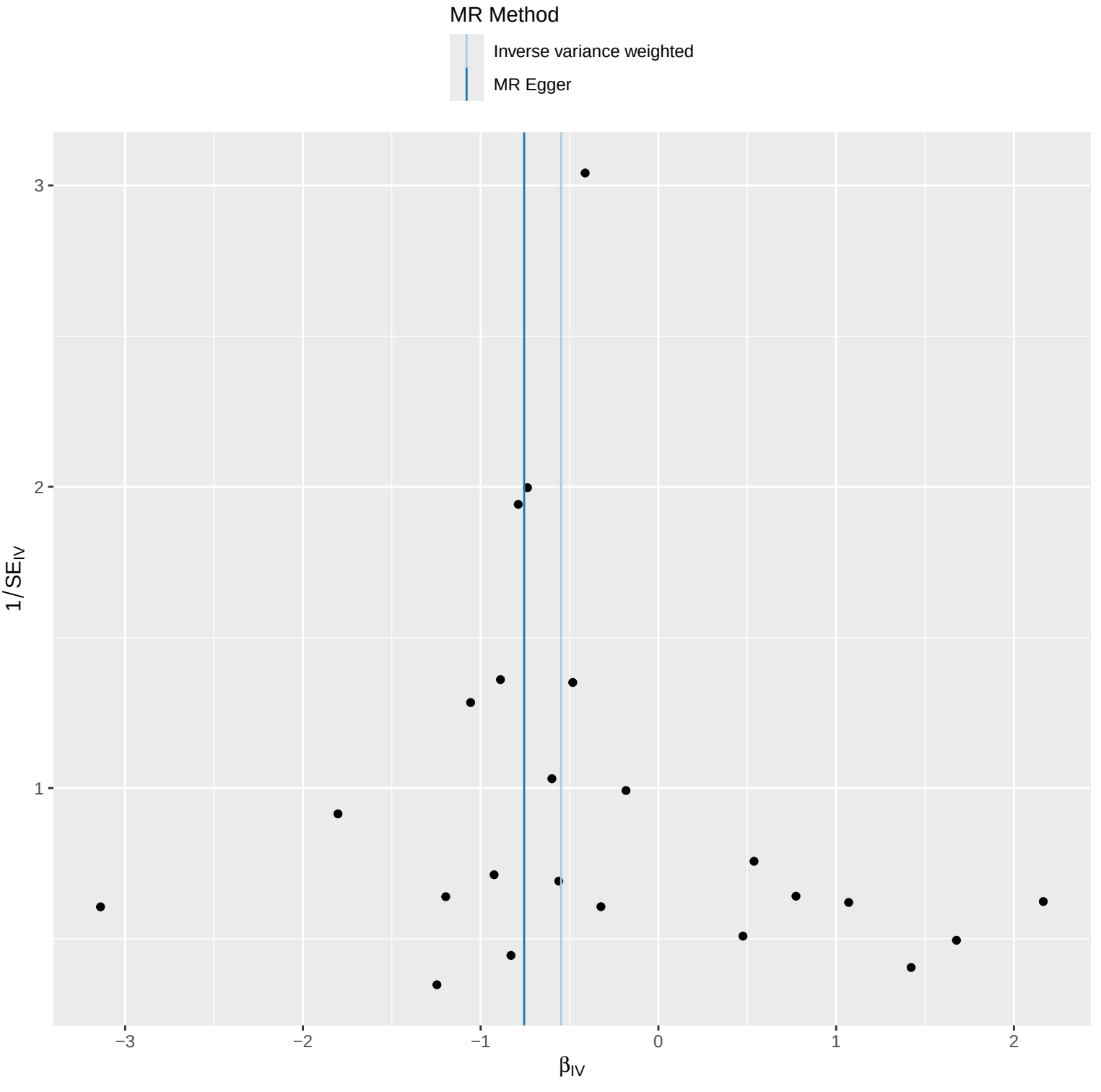

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
β_IV

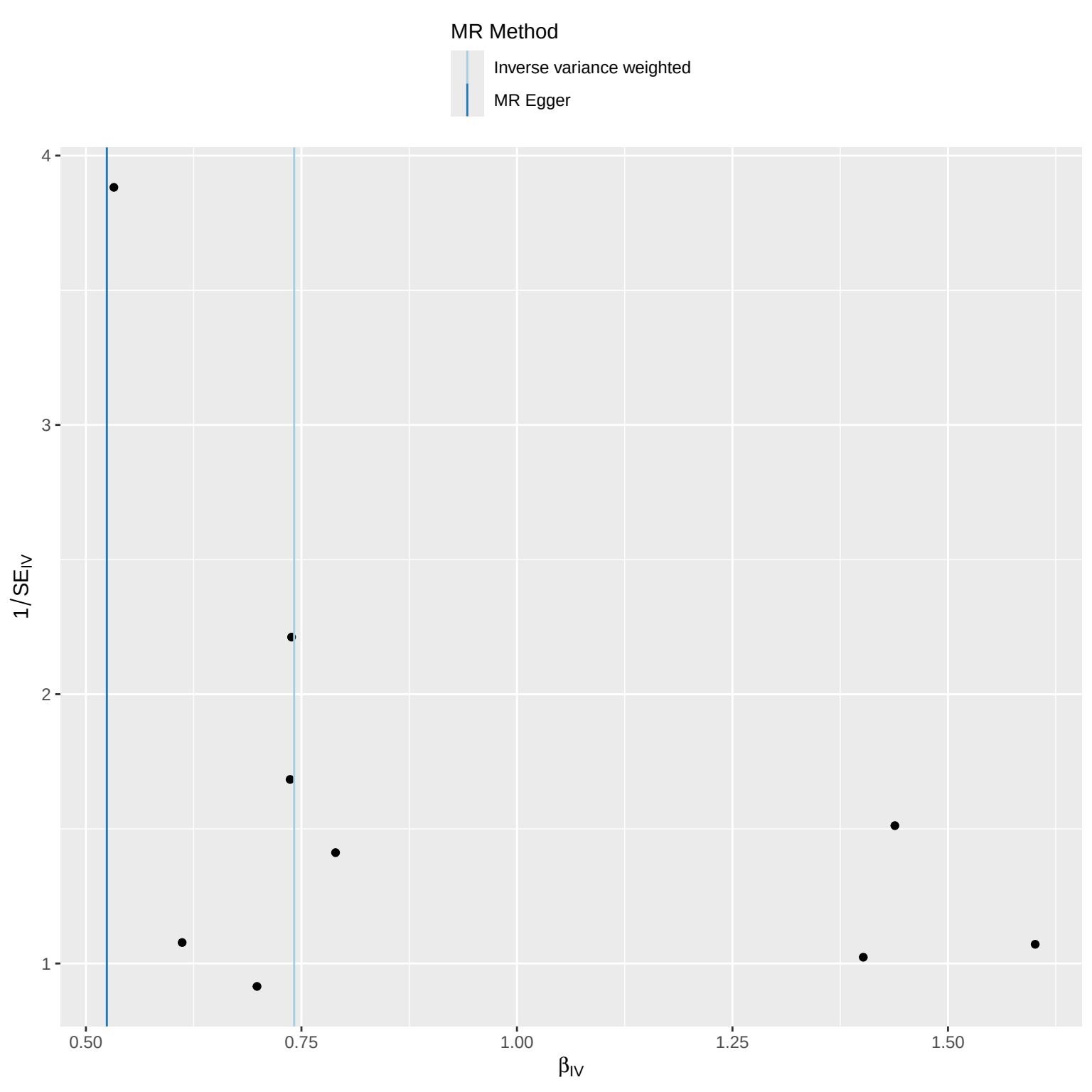

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

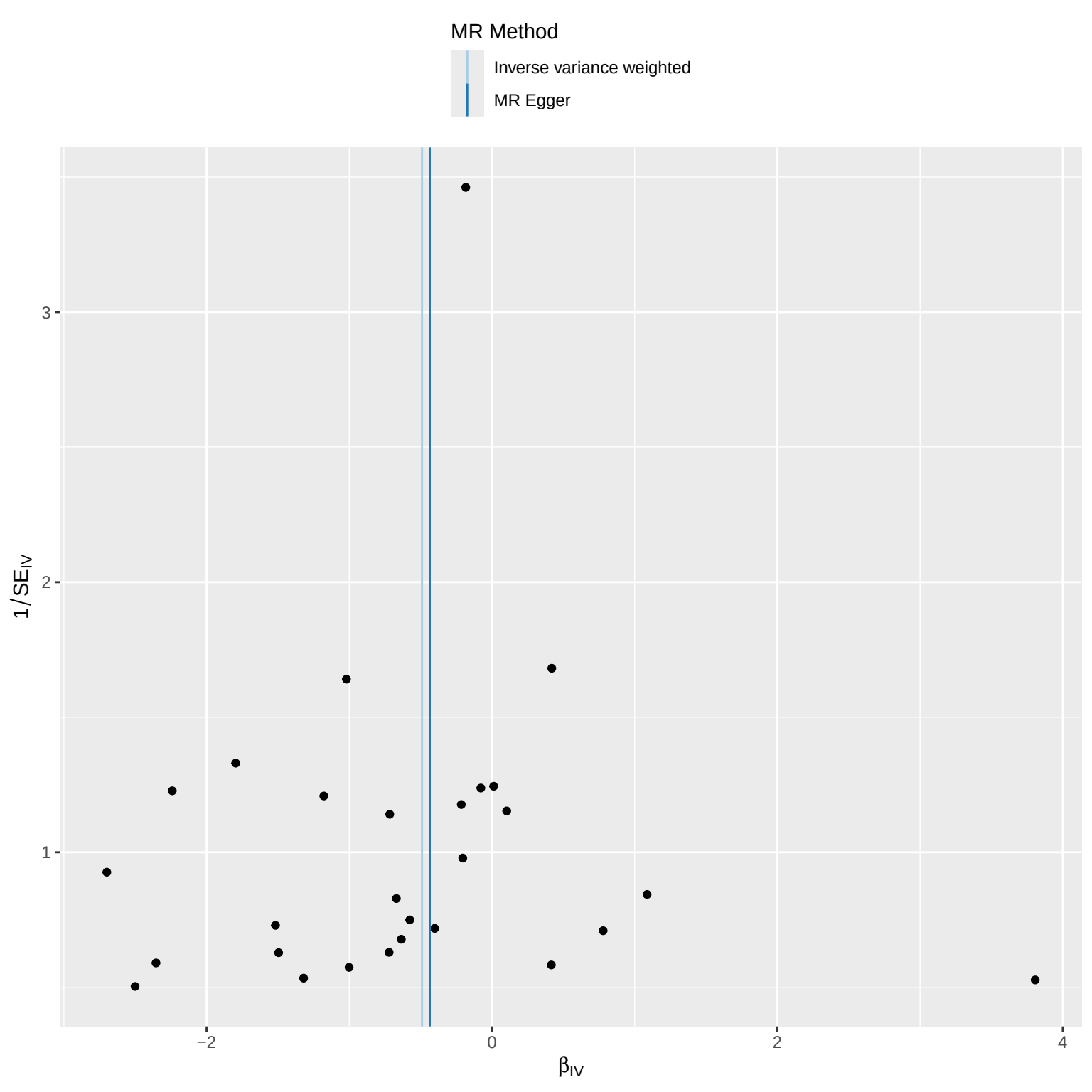

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

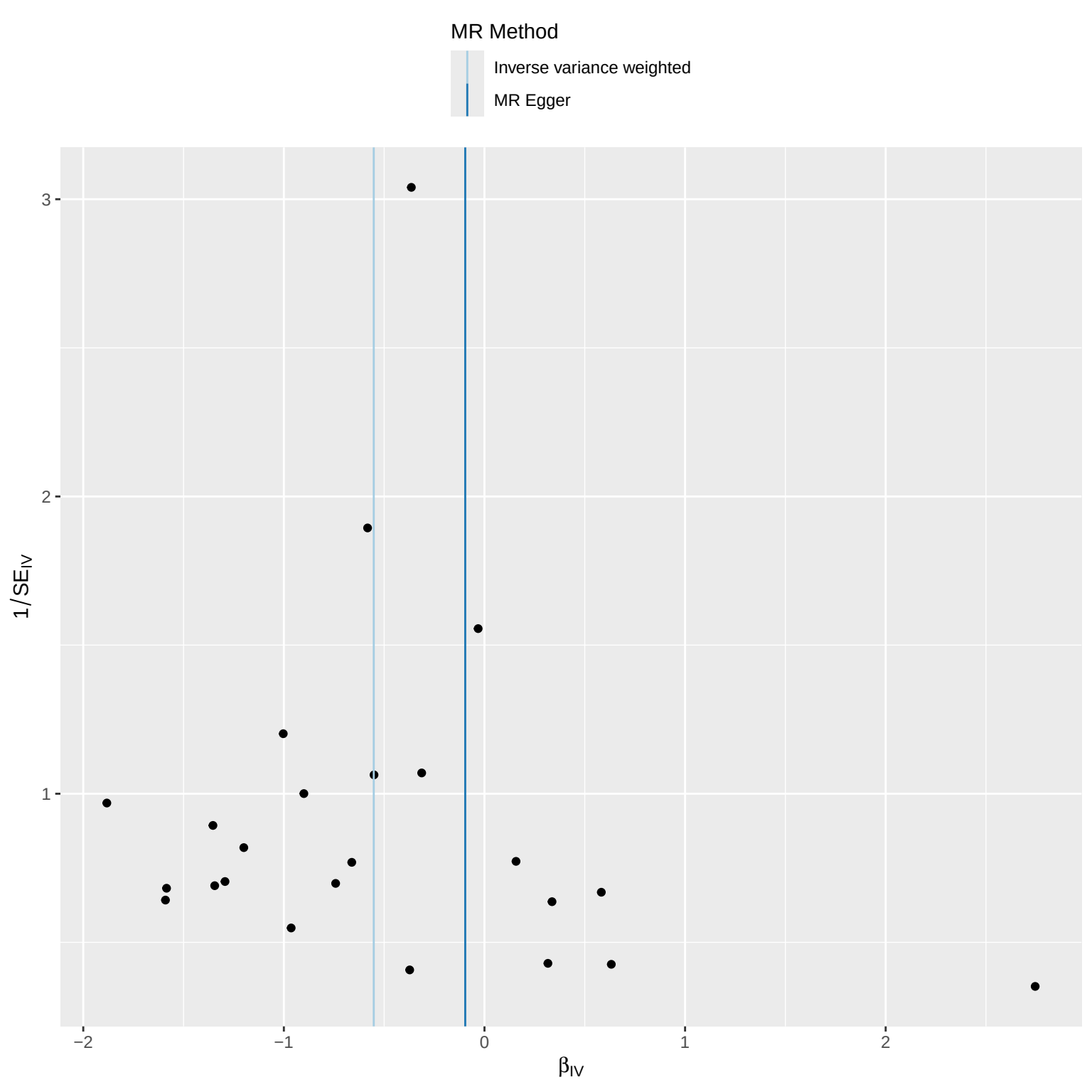

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

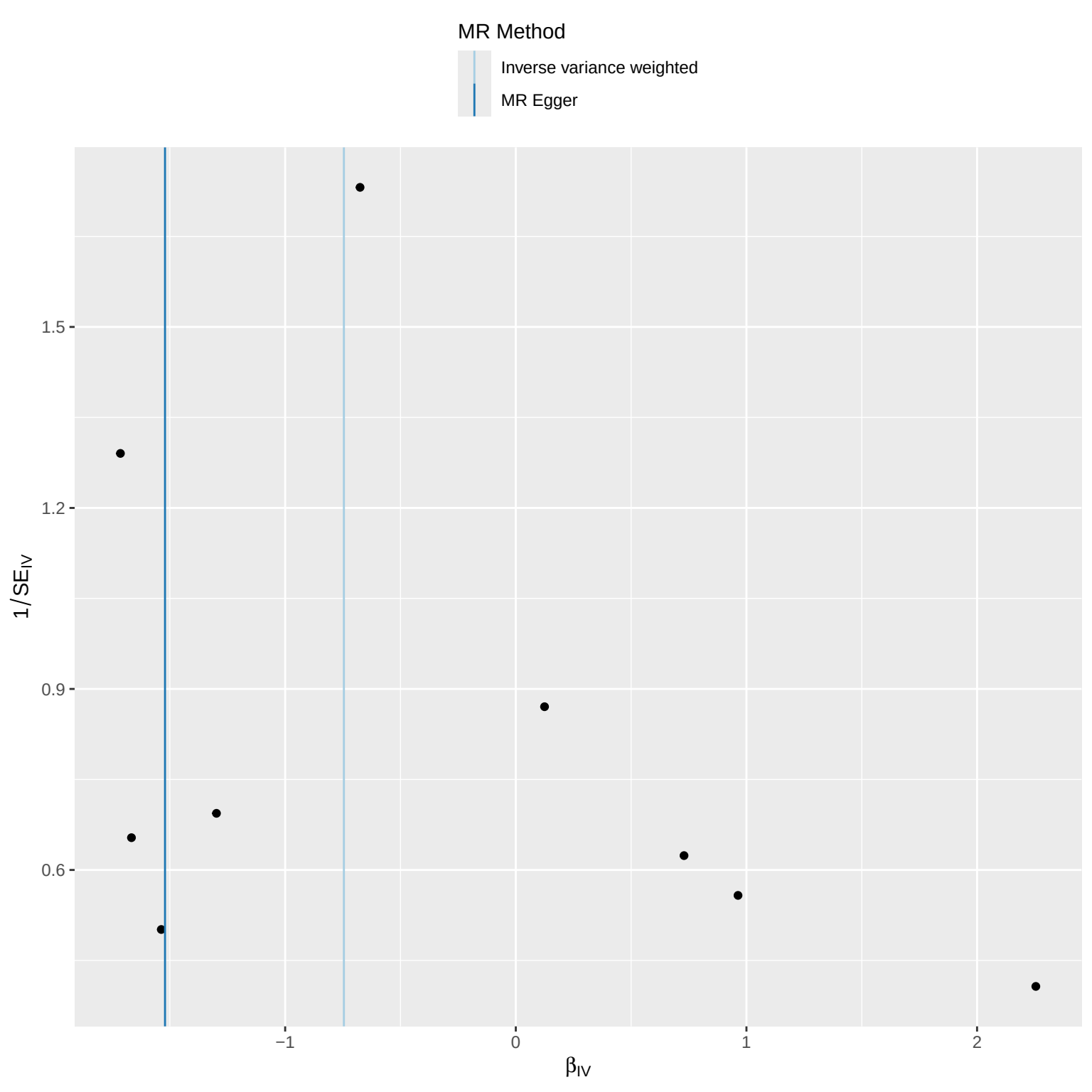

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

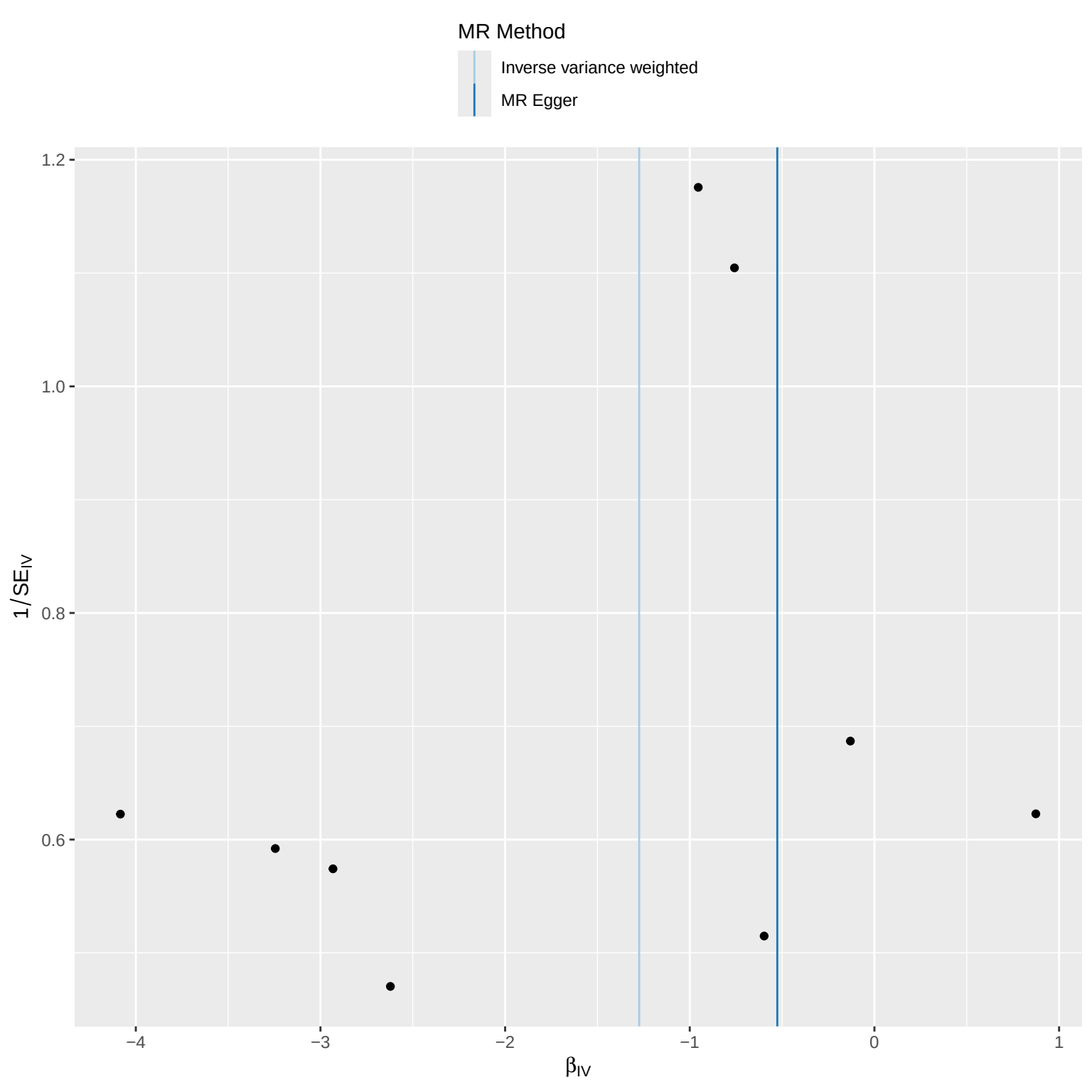

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

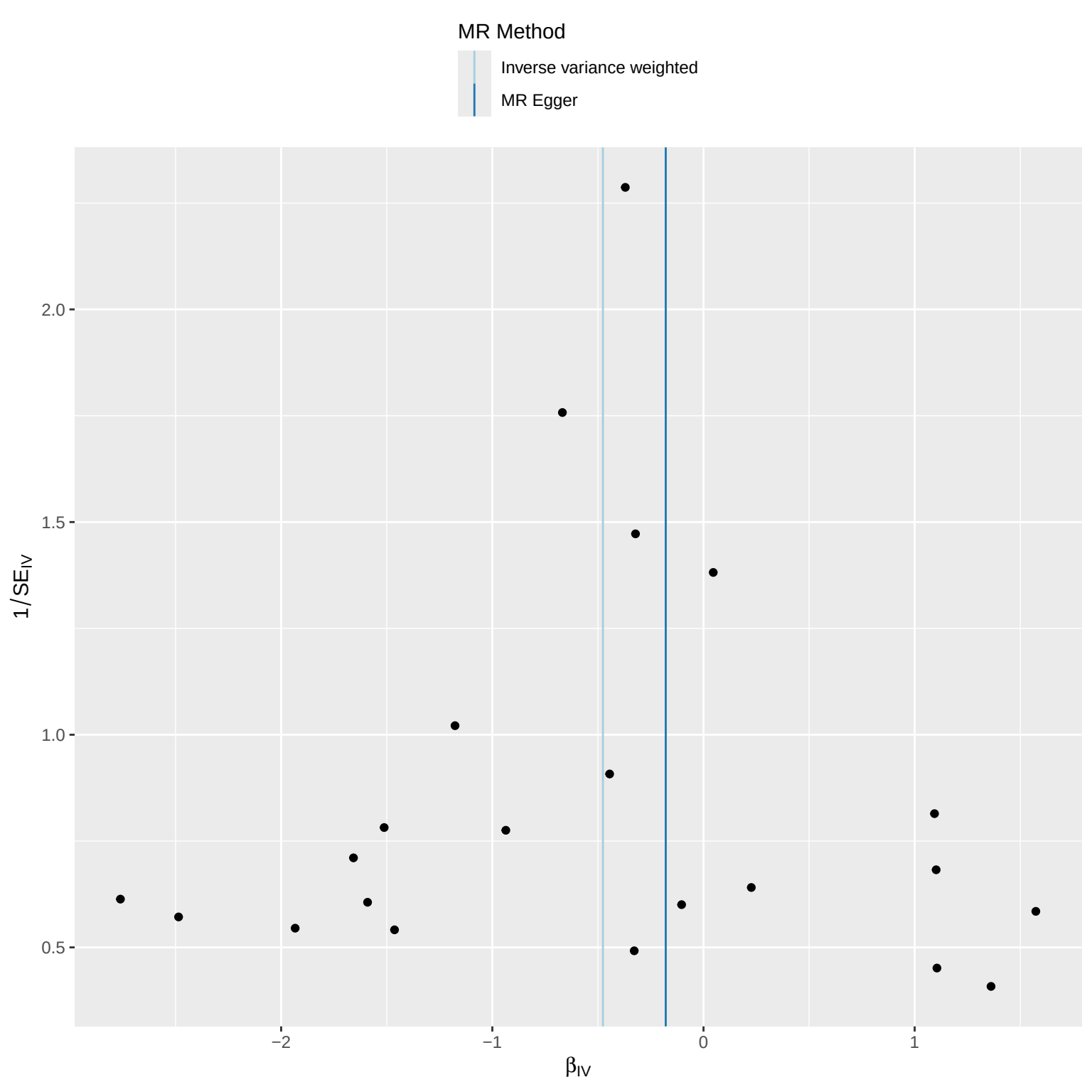

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.50
0.75
1.00
1.25
1.50
β_IV

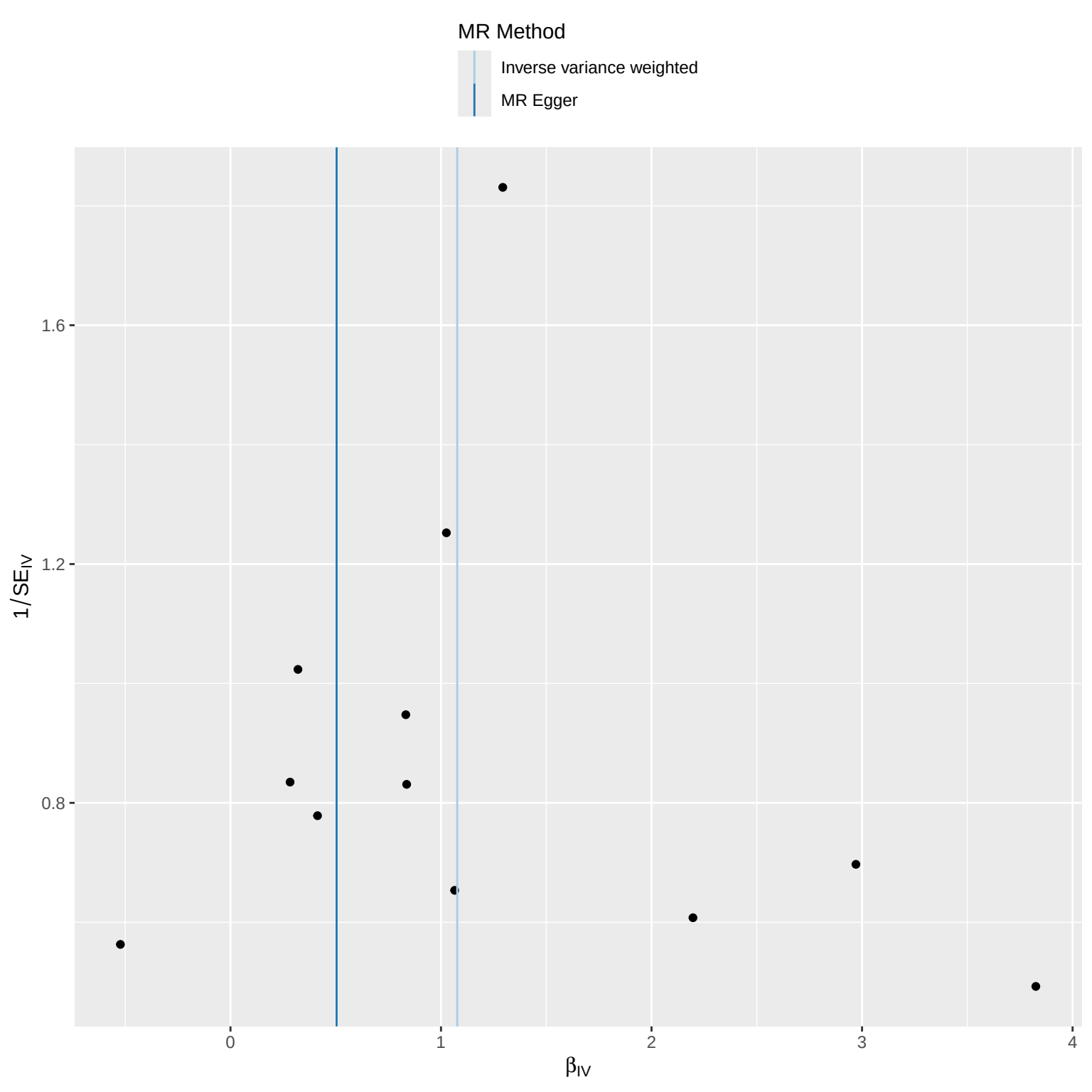

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

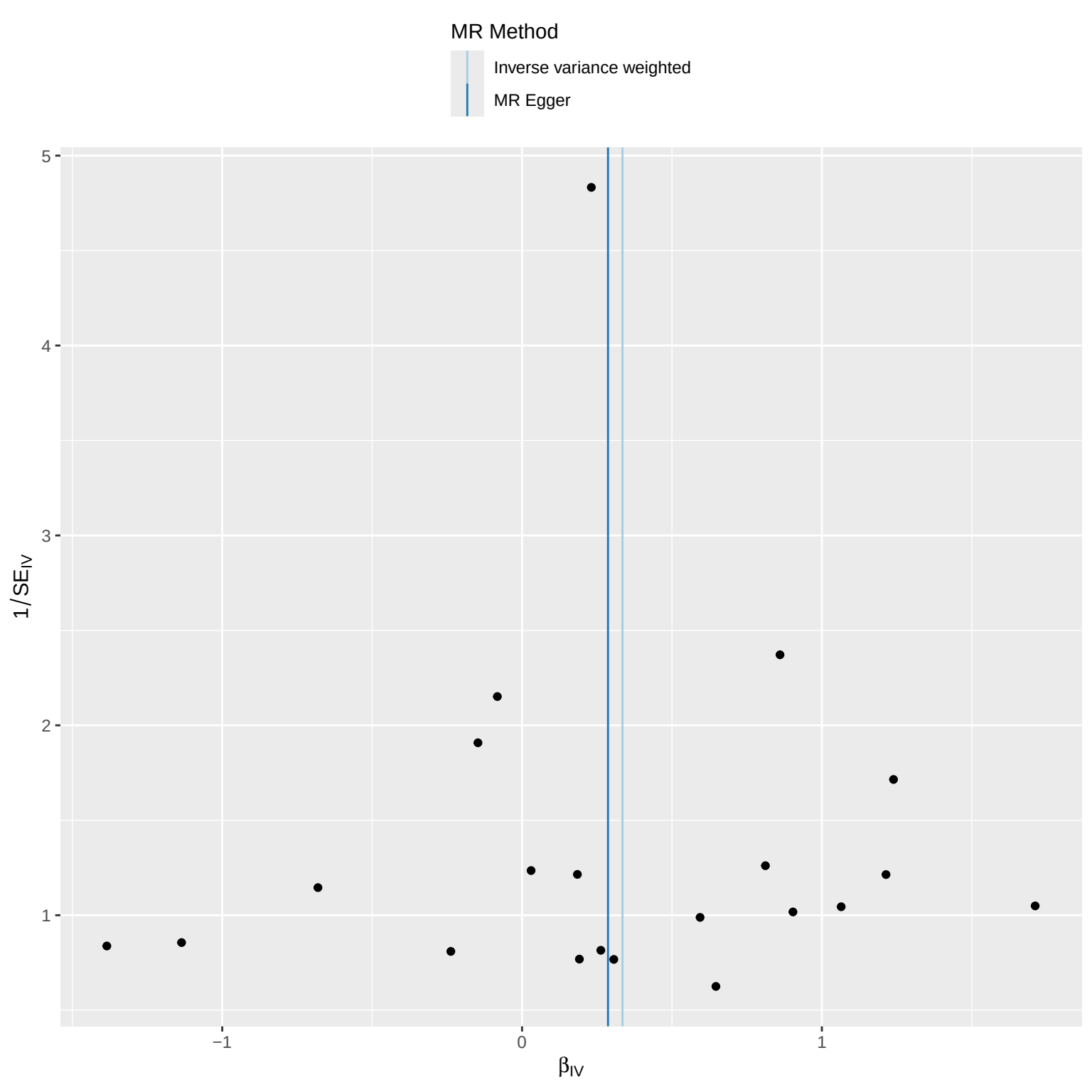

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

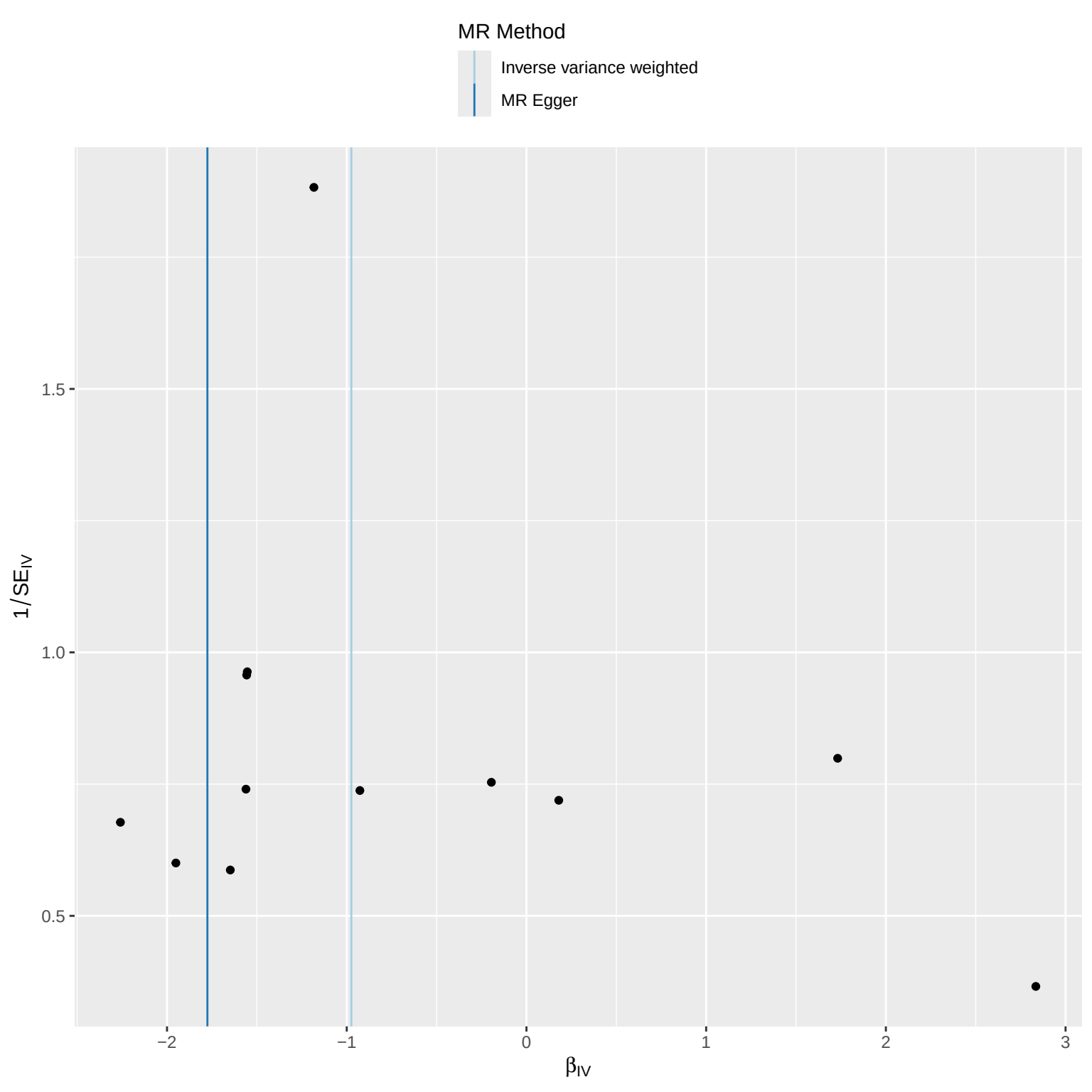

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
β_IV

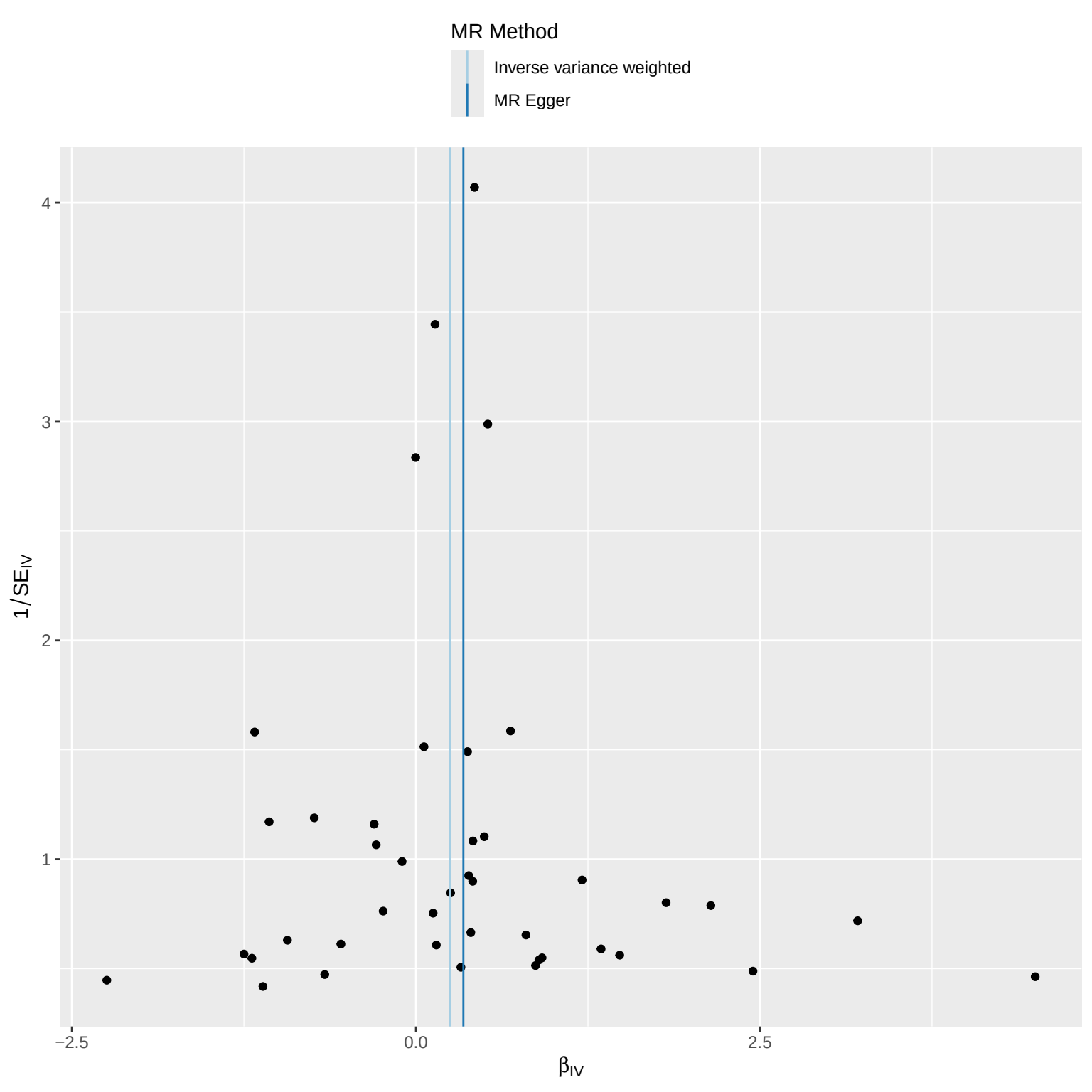

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

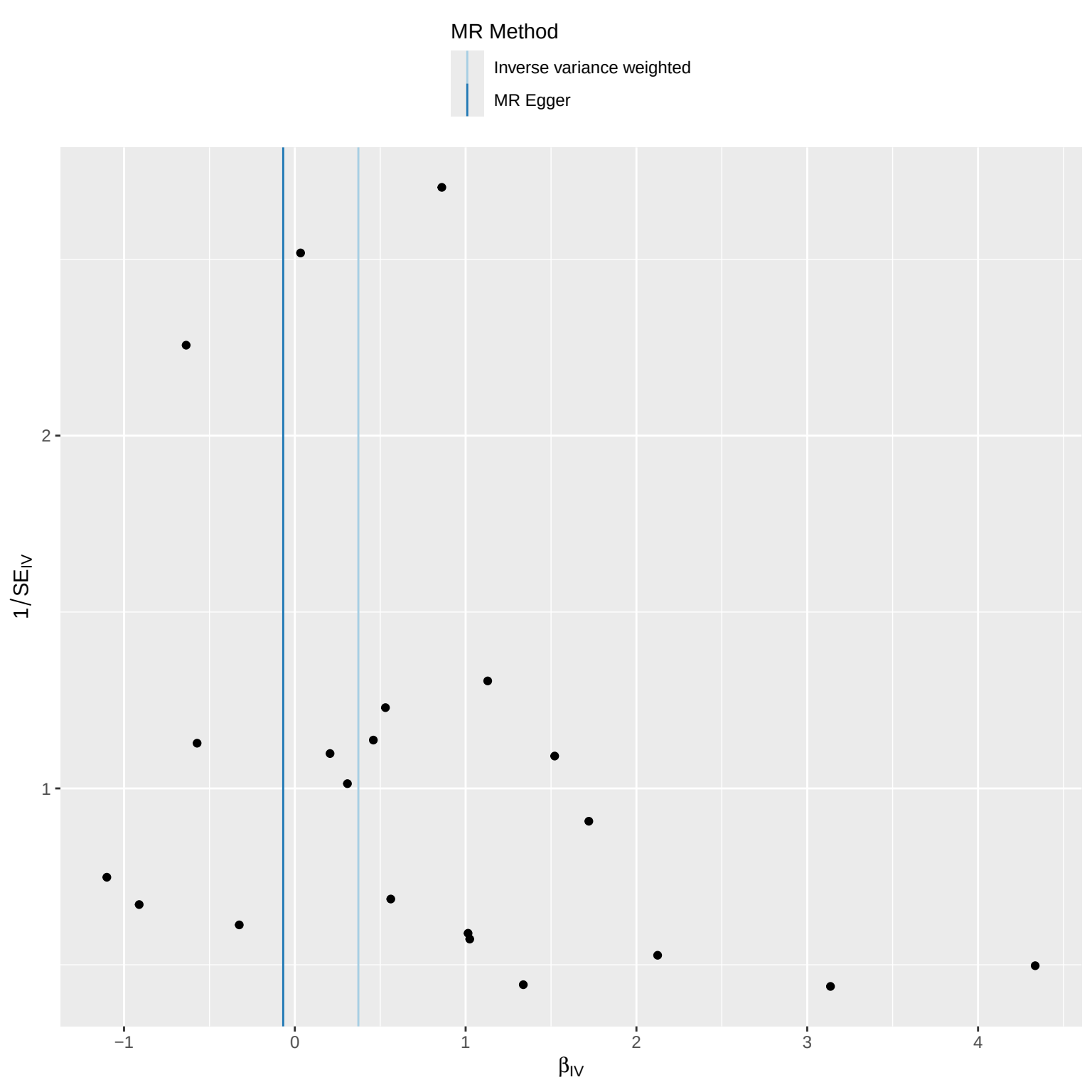

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

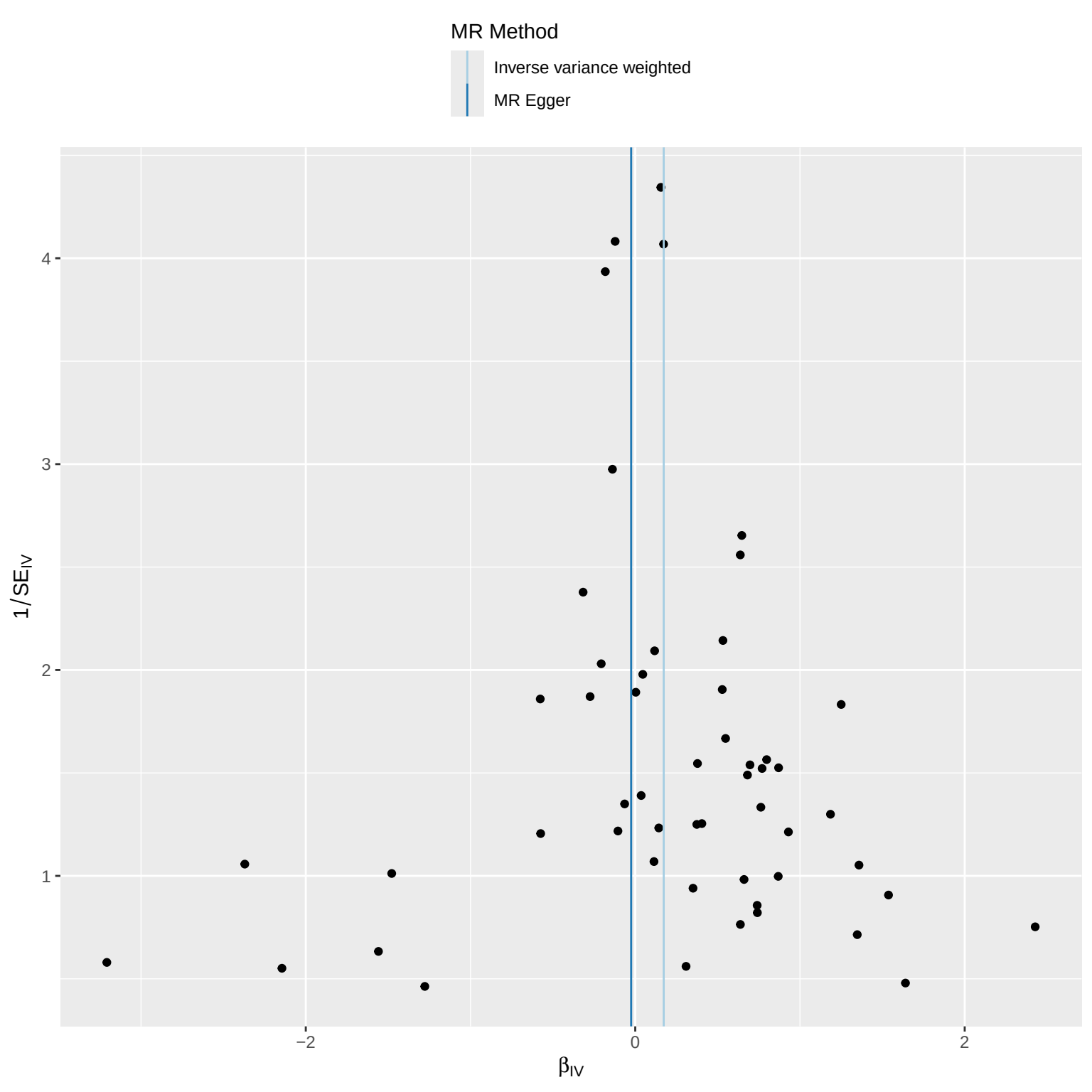

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
0
1
2
3
4
β_IV

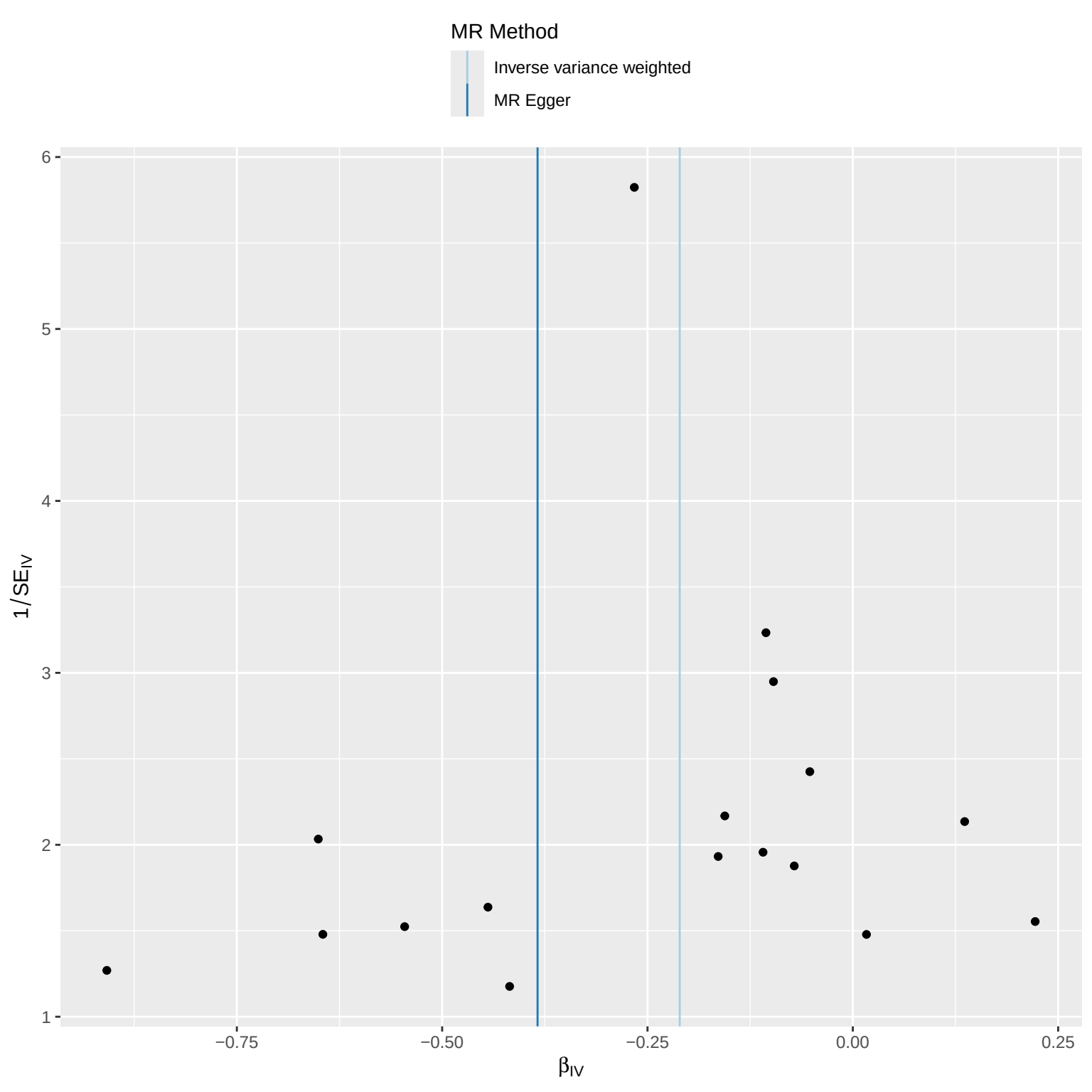

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

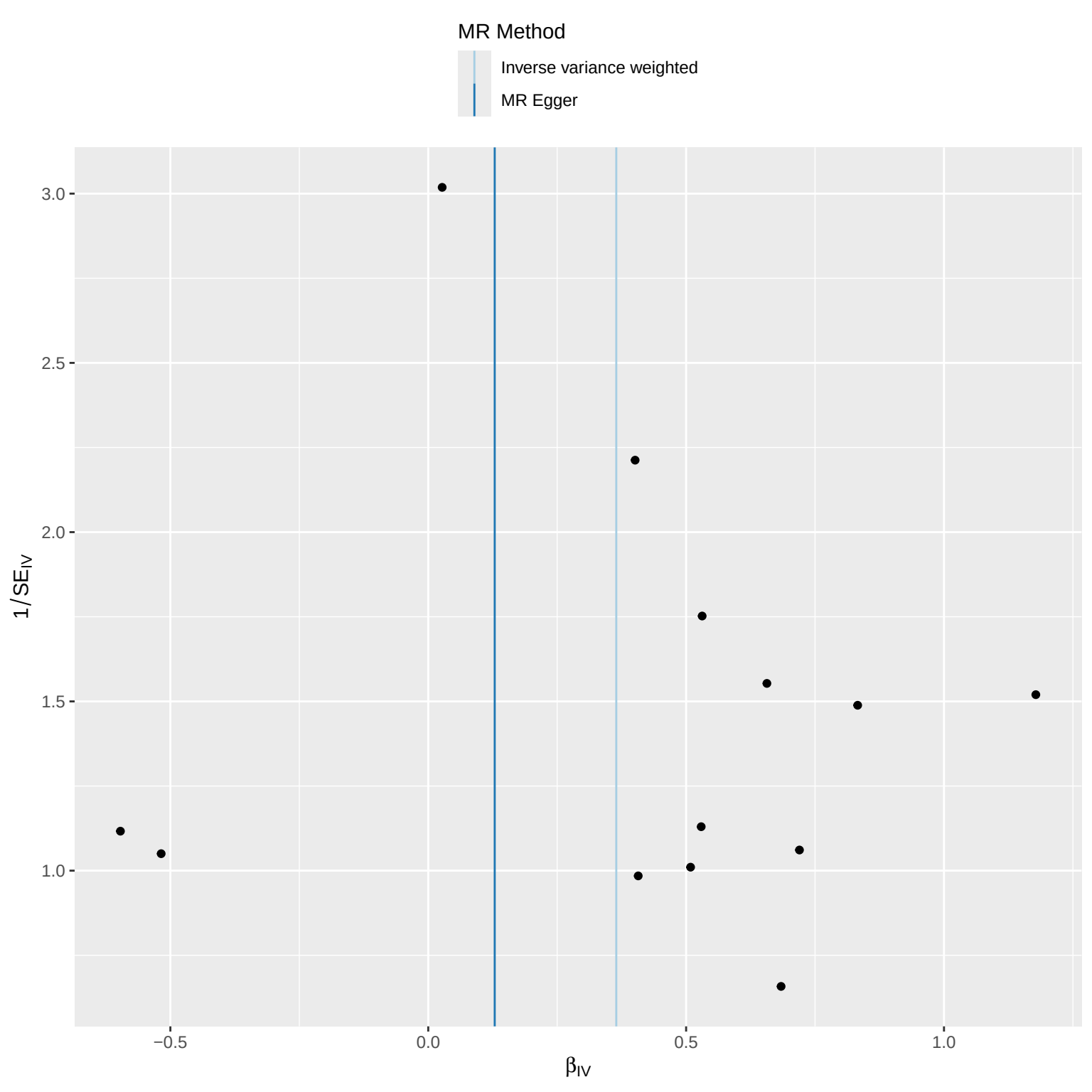

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

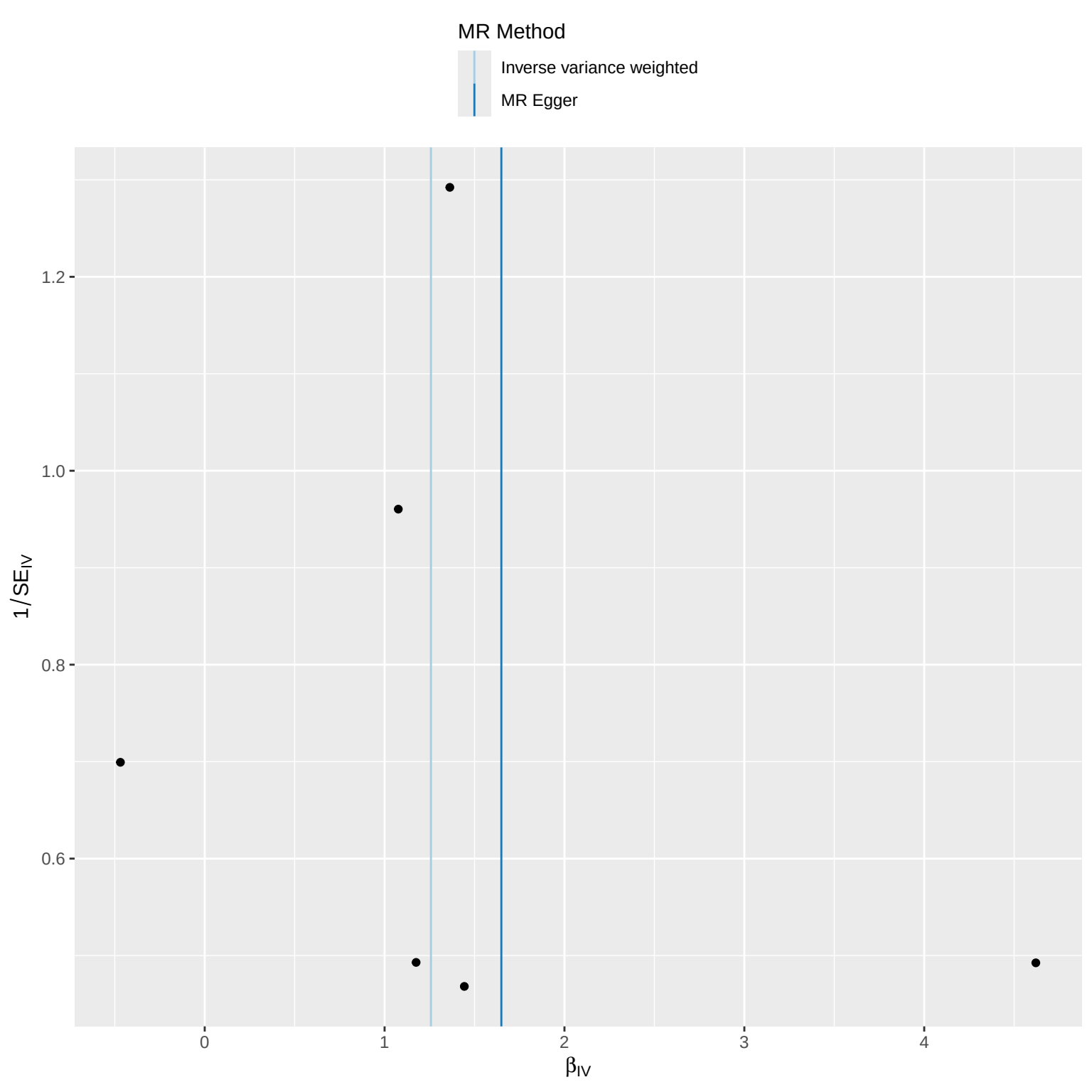

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

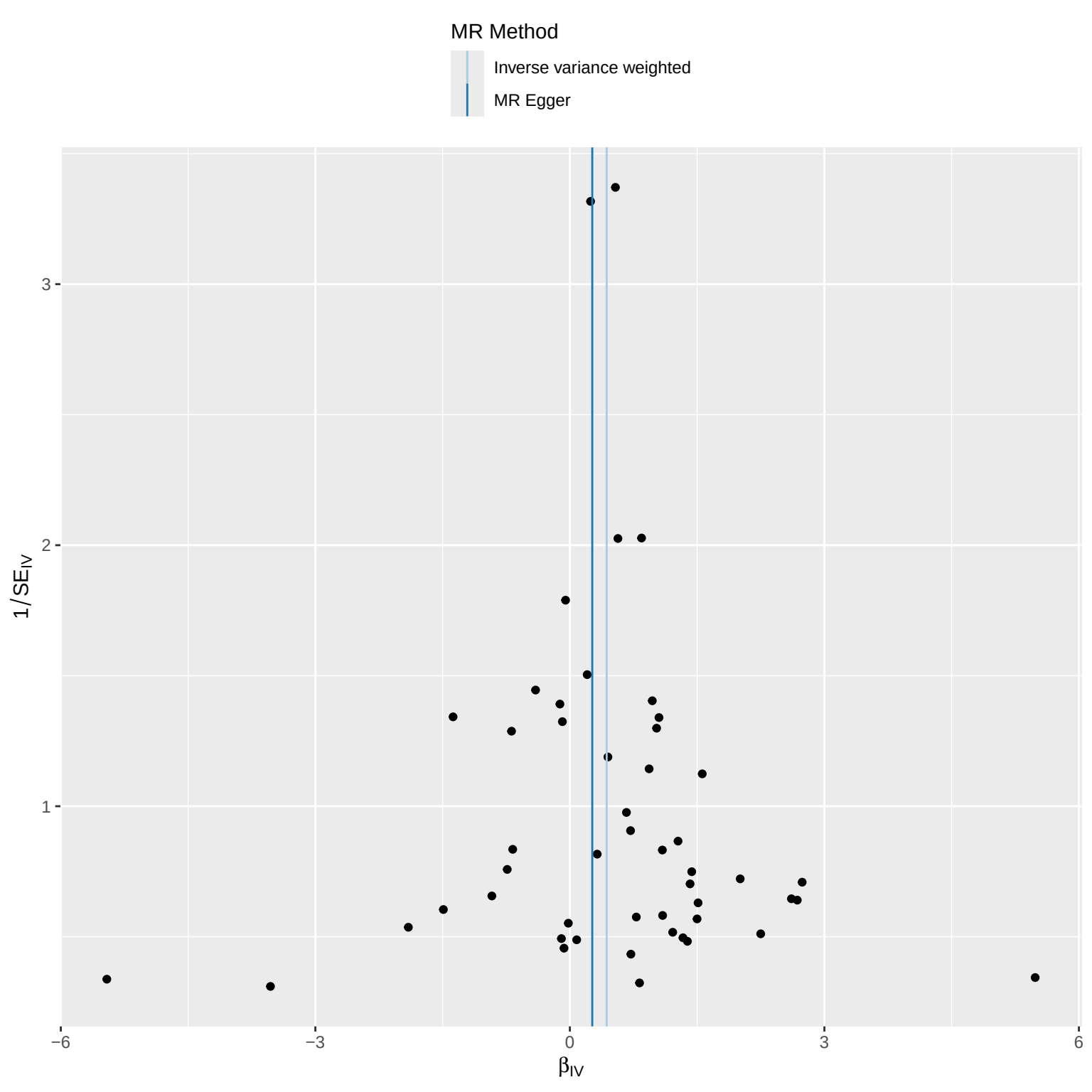

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

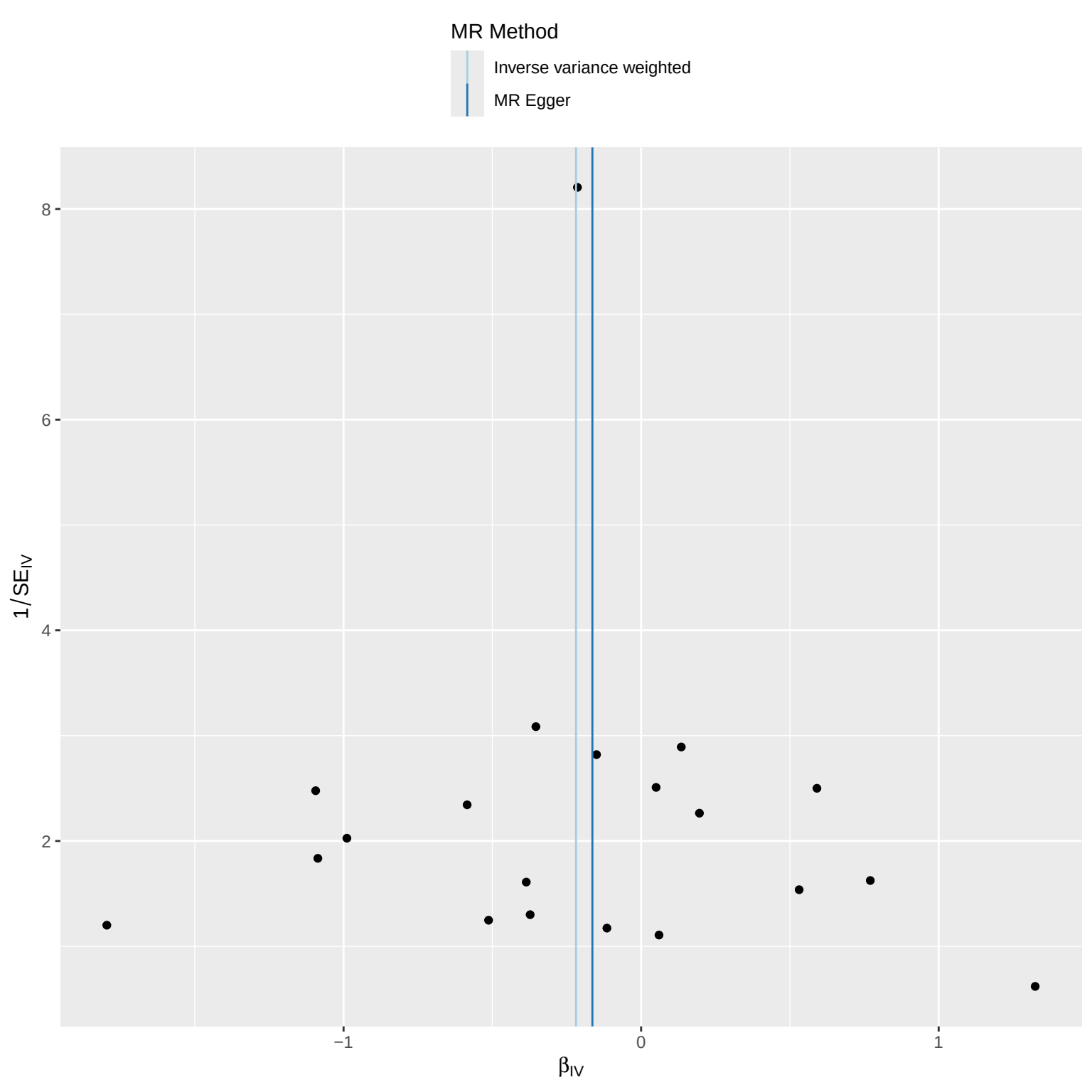

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

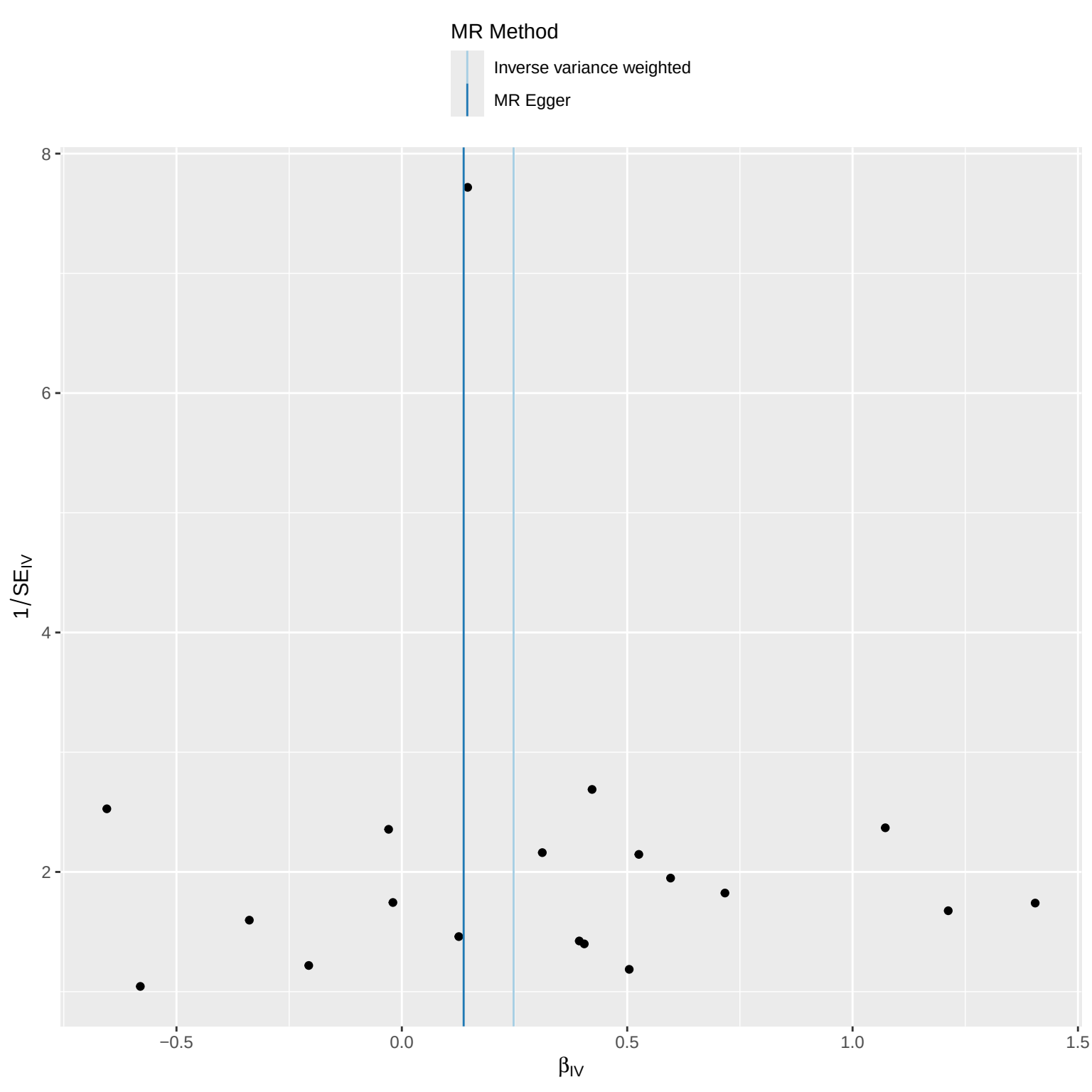

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−0.75
−0.50
−0.25
0.00
0.25
β_IV

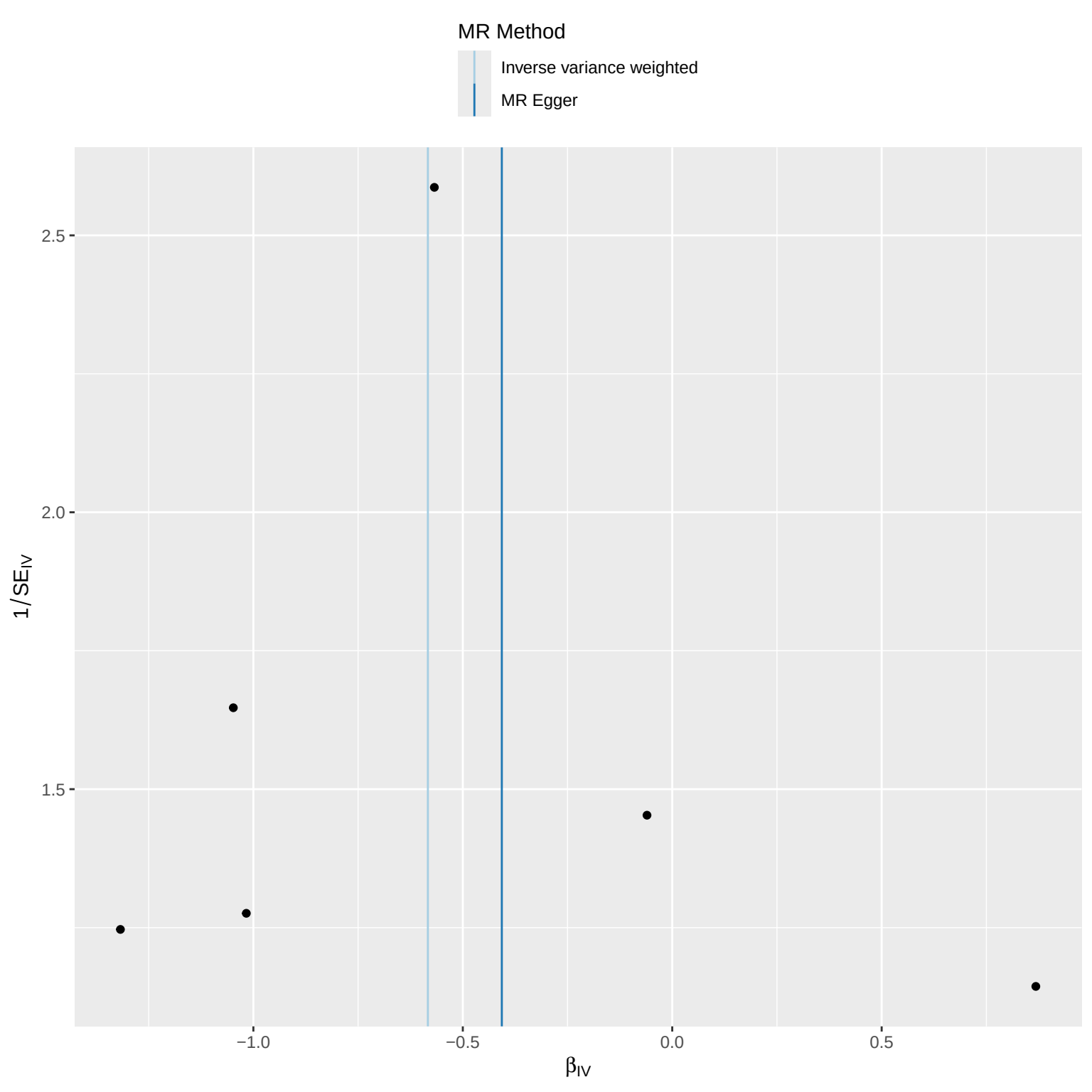

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

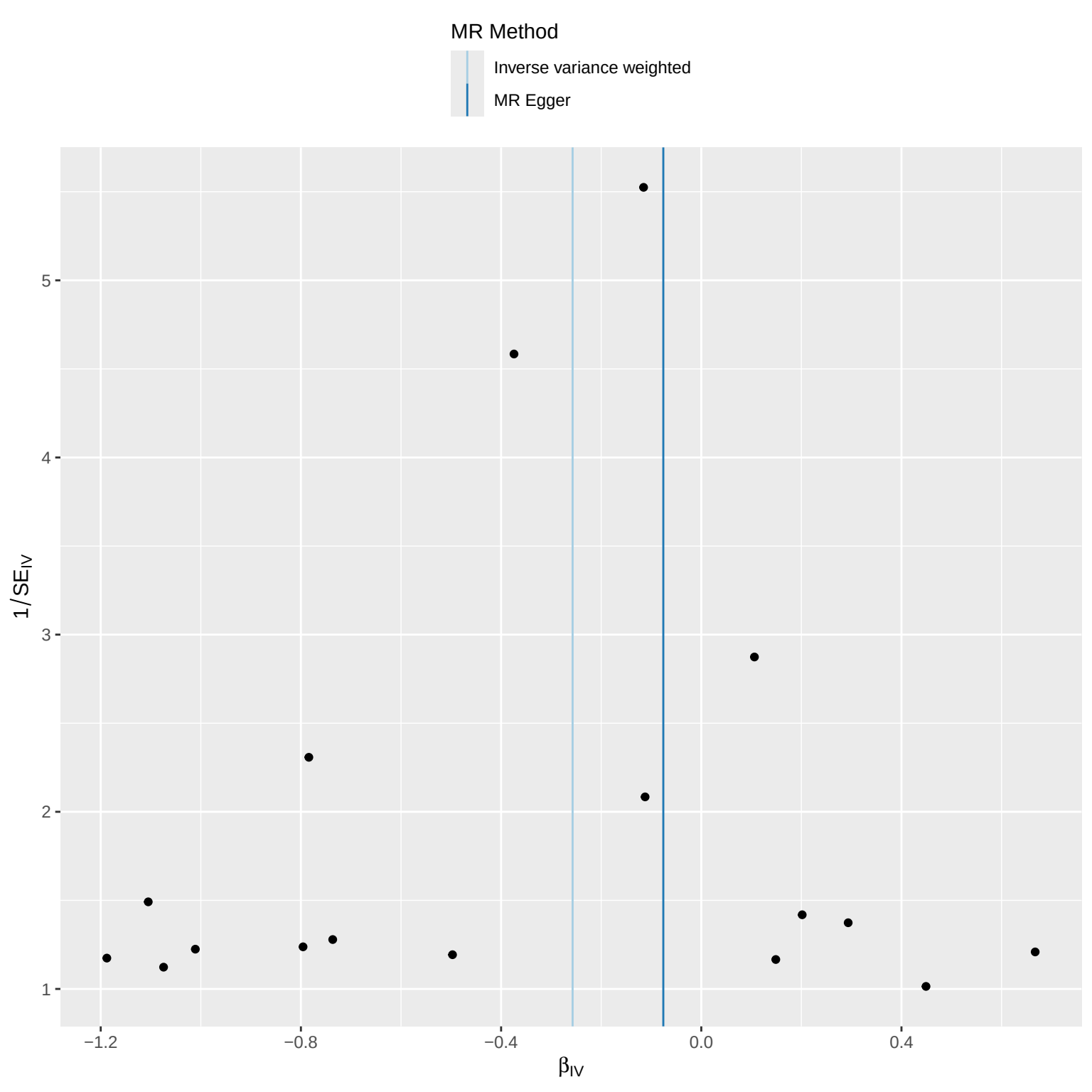

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
4
β_IV

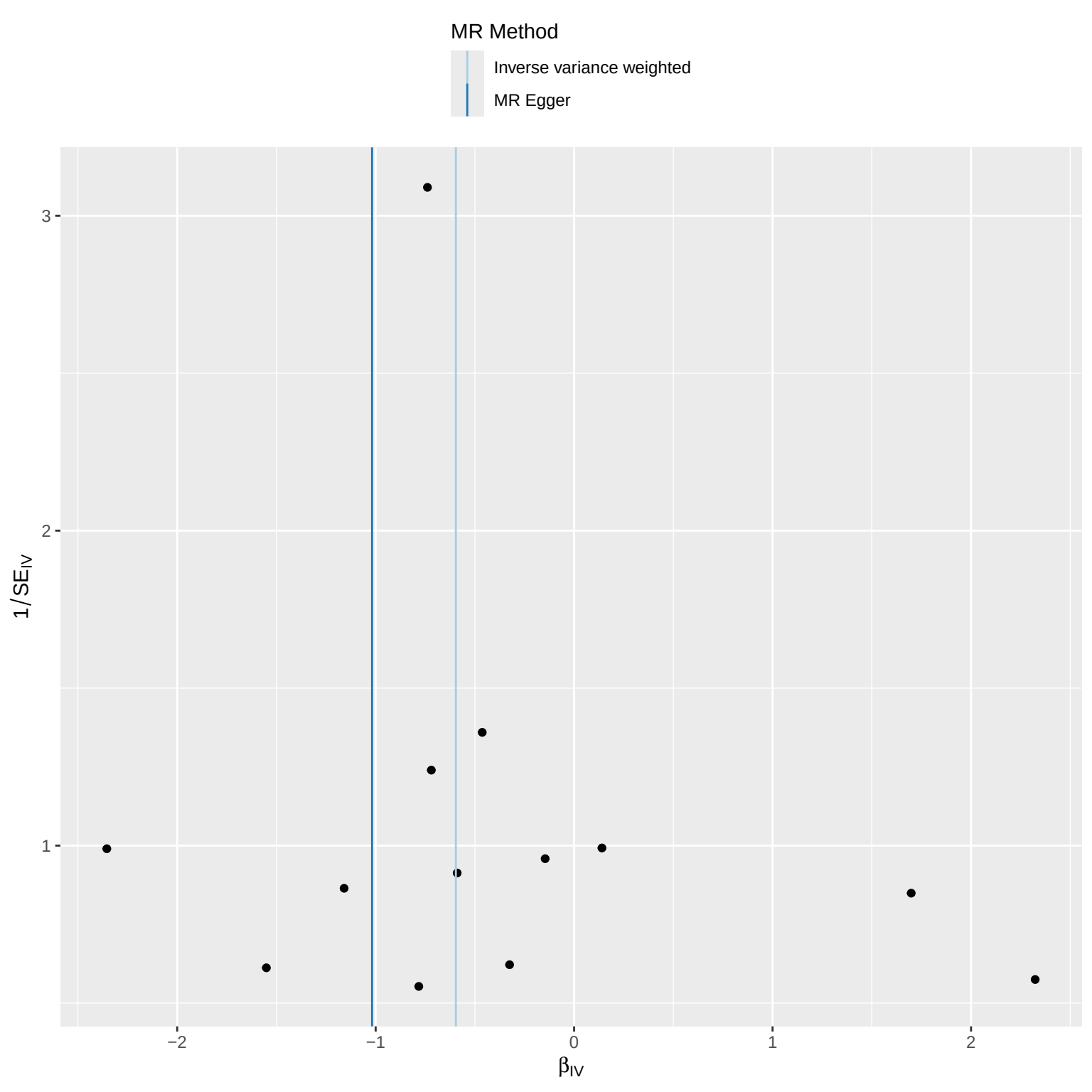

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
3
6
β_IV

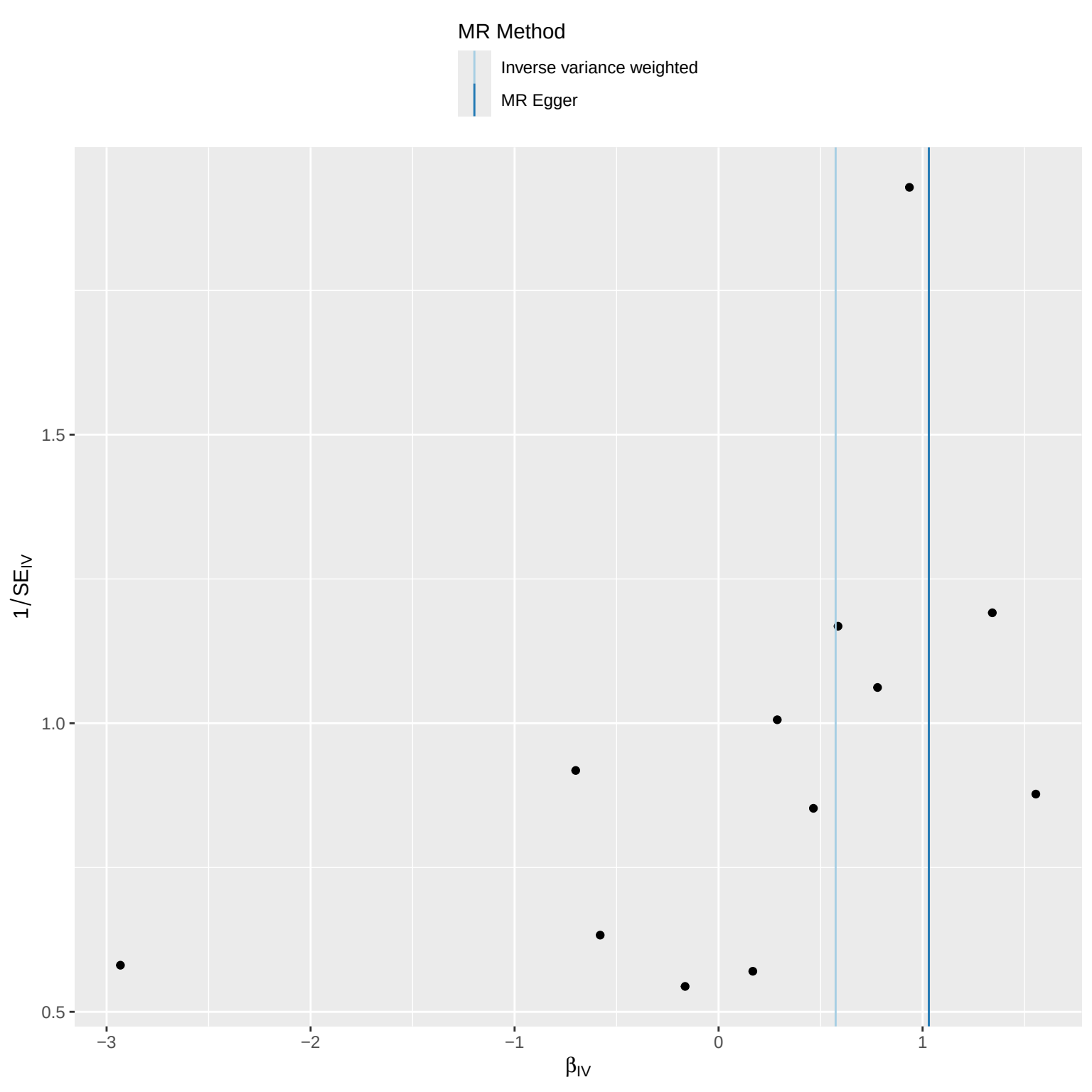

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

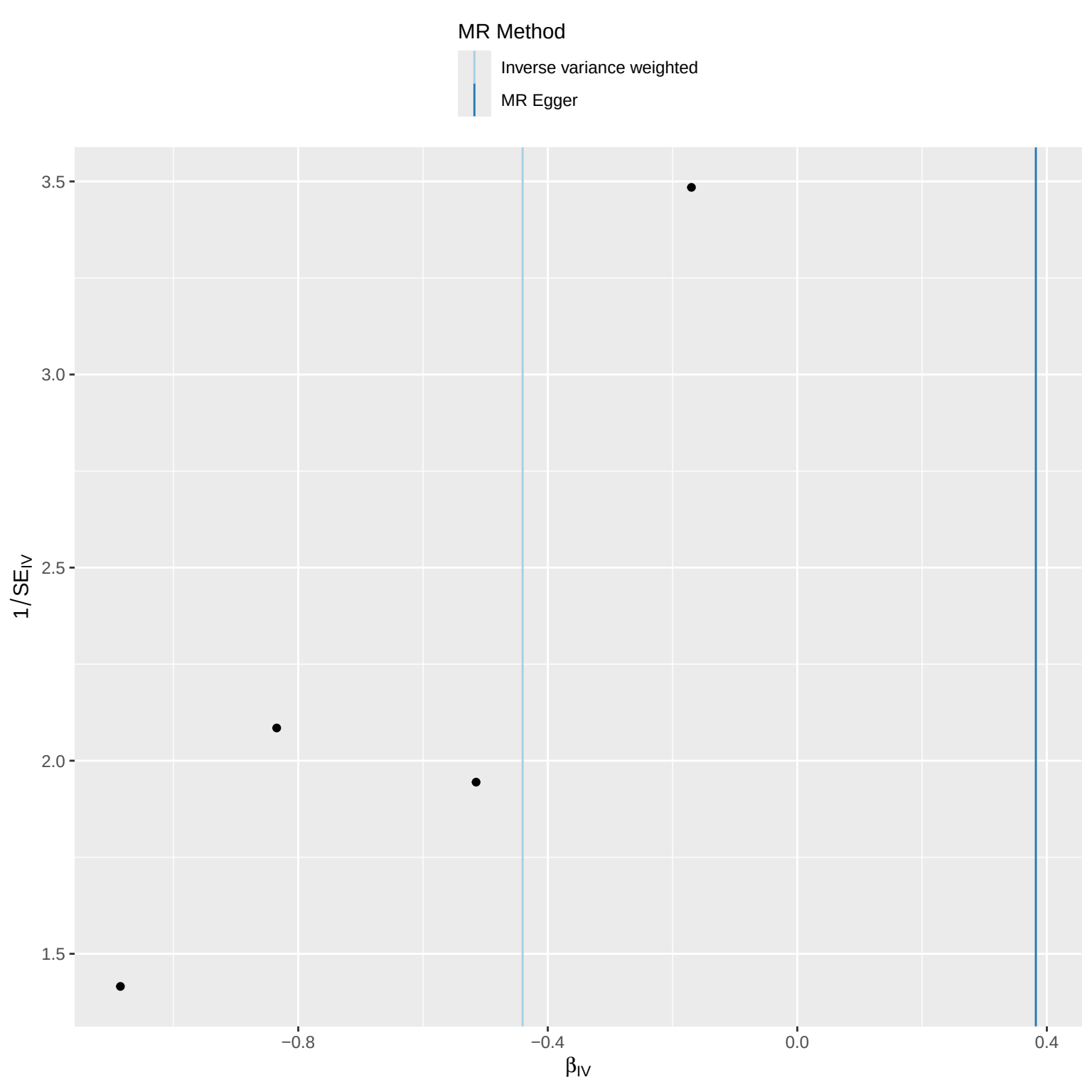

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

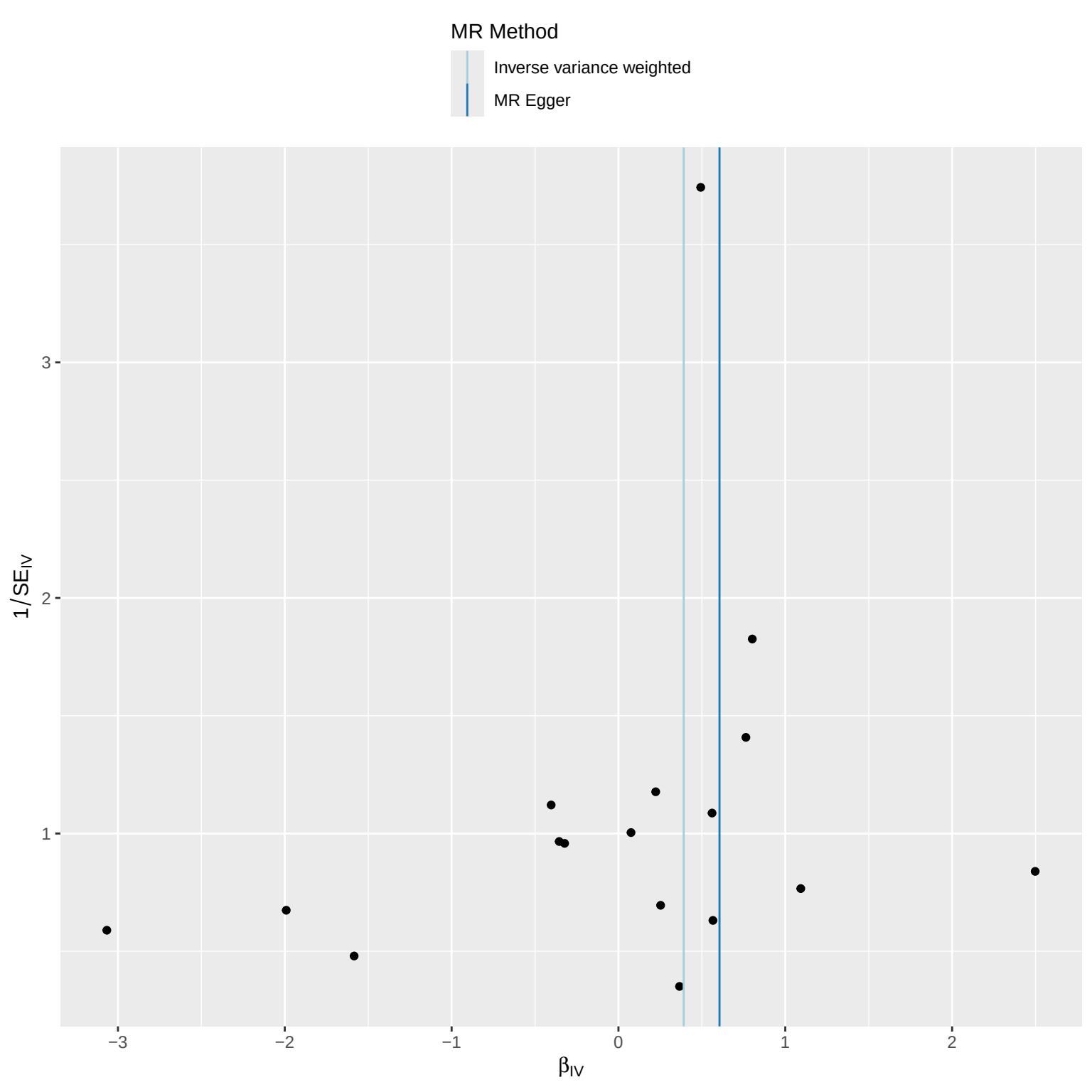

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

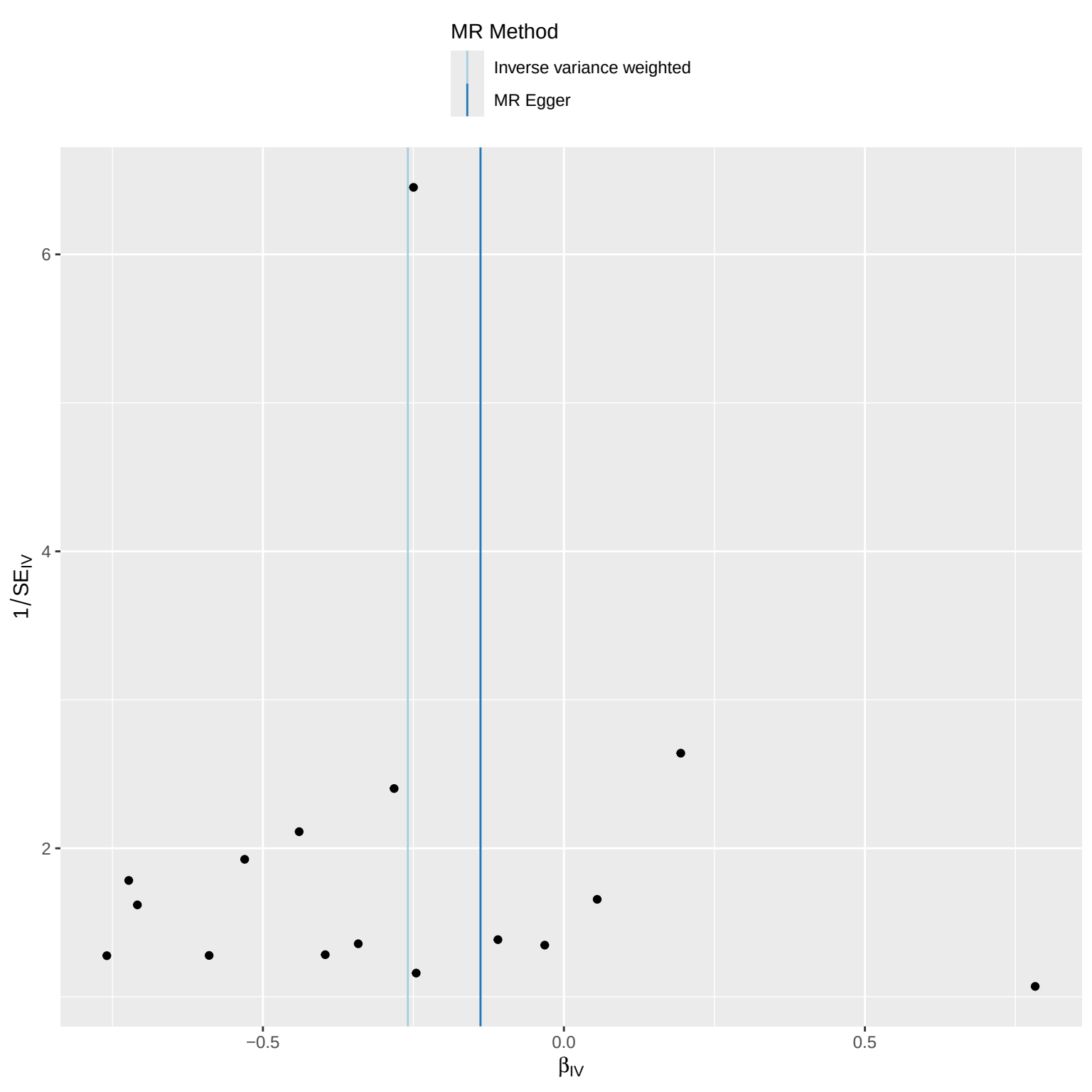

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1.2
−0.8
−0.4
0.0
0.4
β_IV

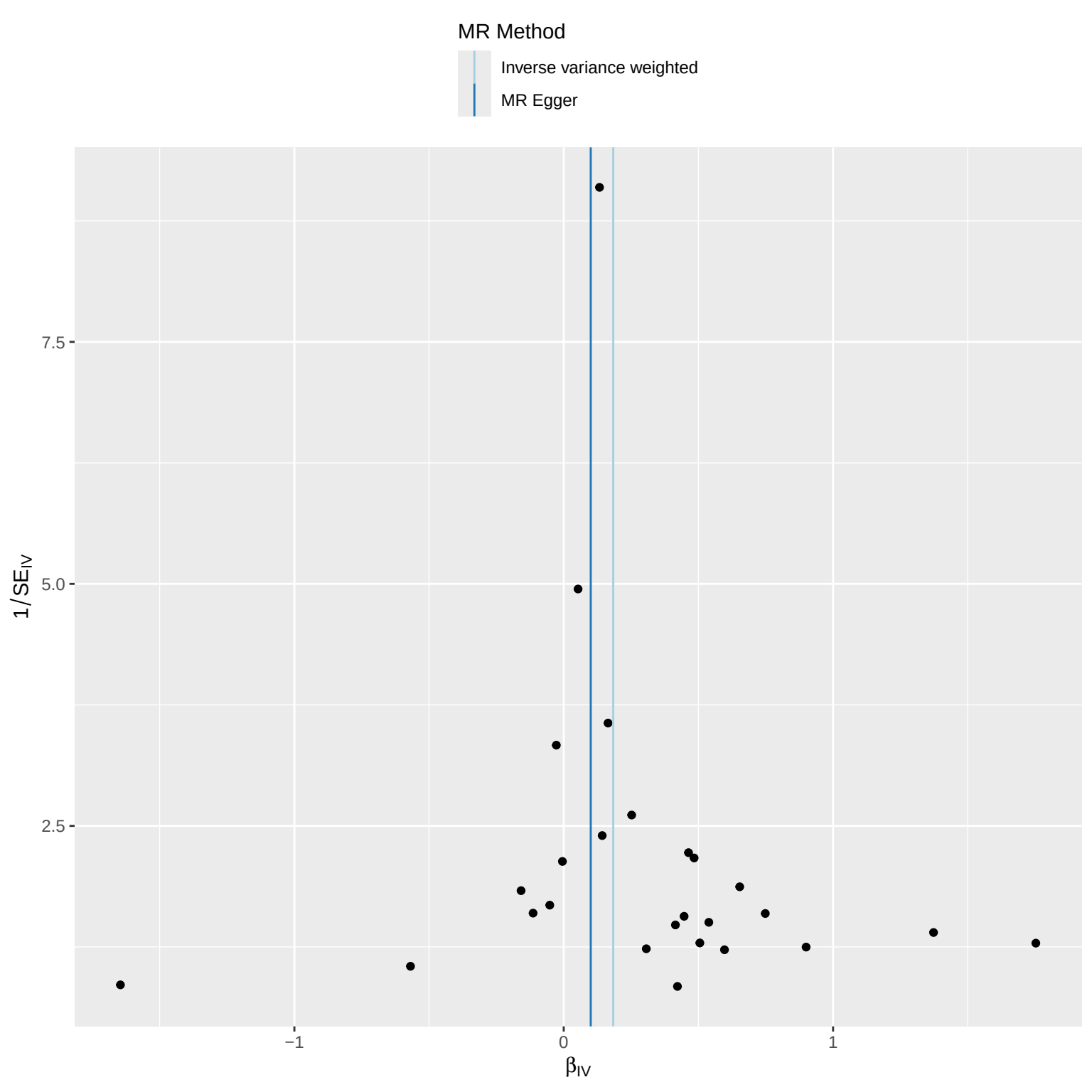

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

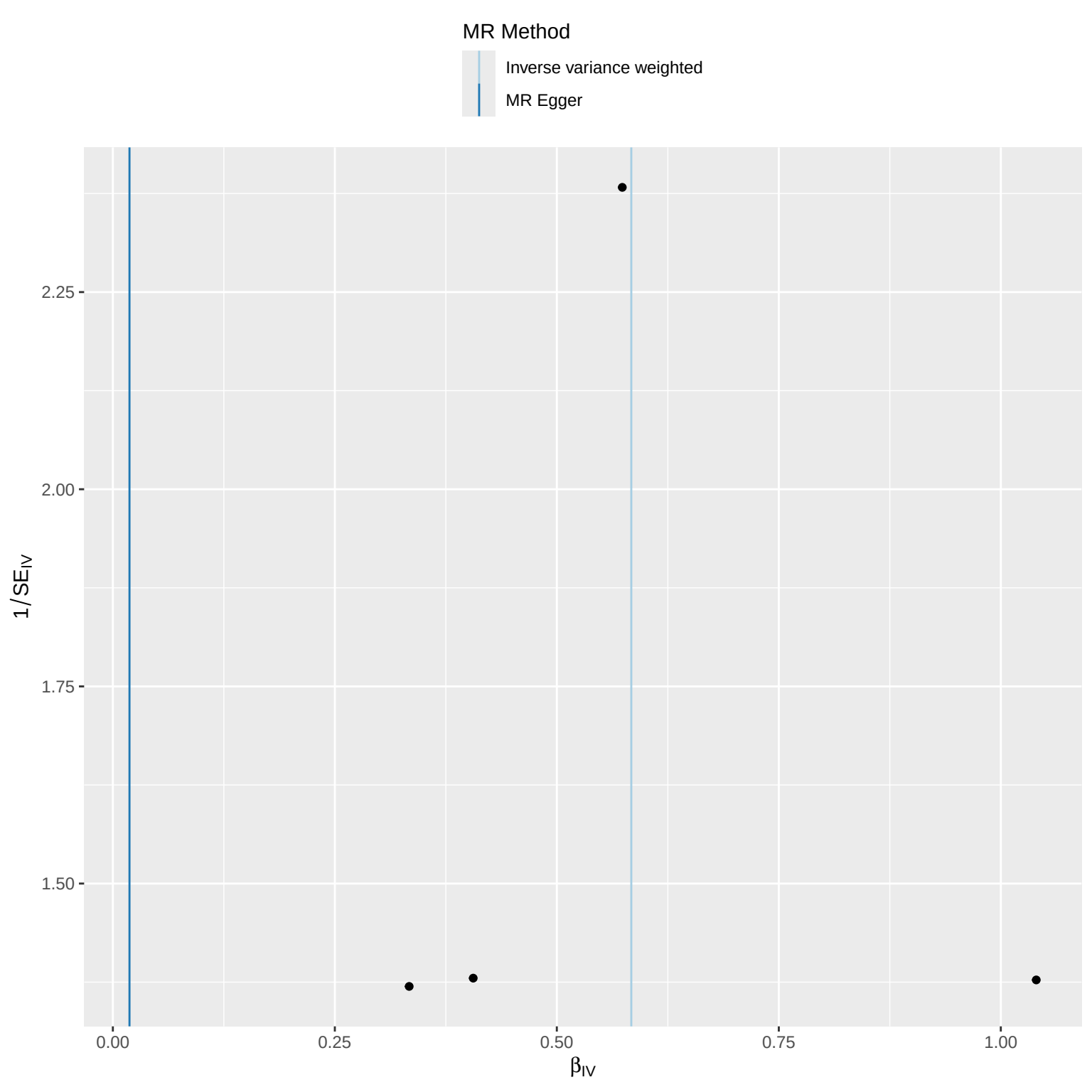

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
1.5
1.0
0.5
−3
−2
−1
0
1
β_IV

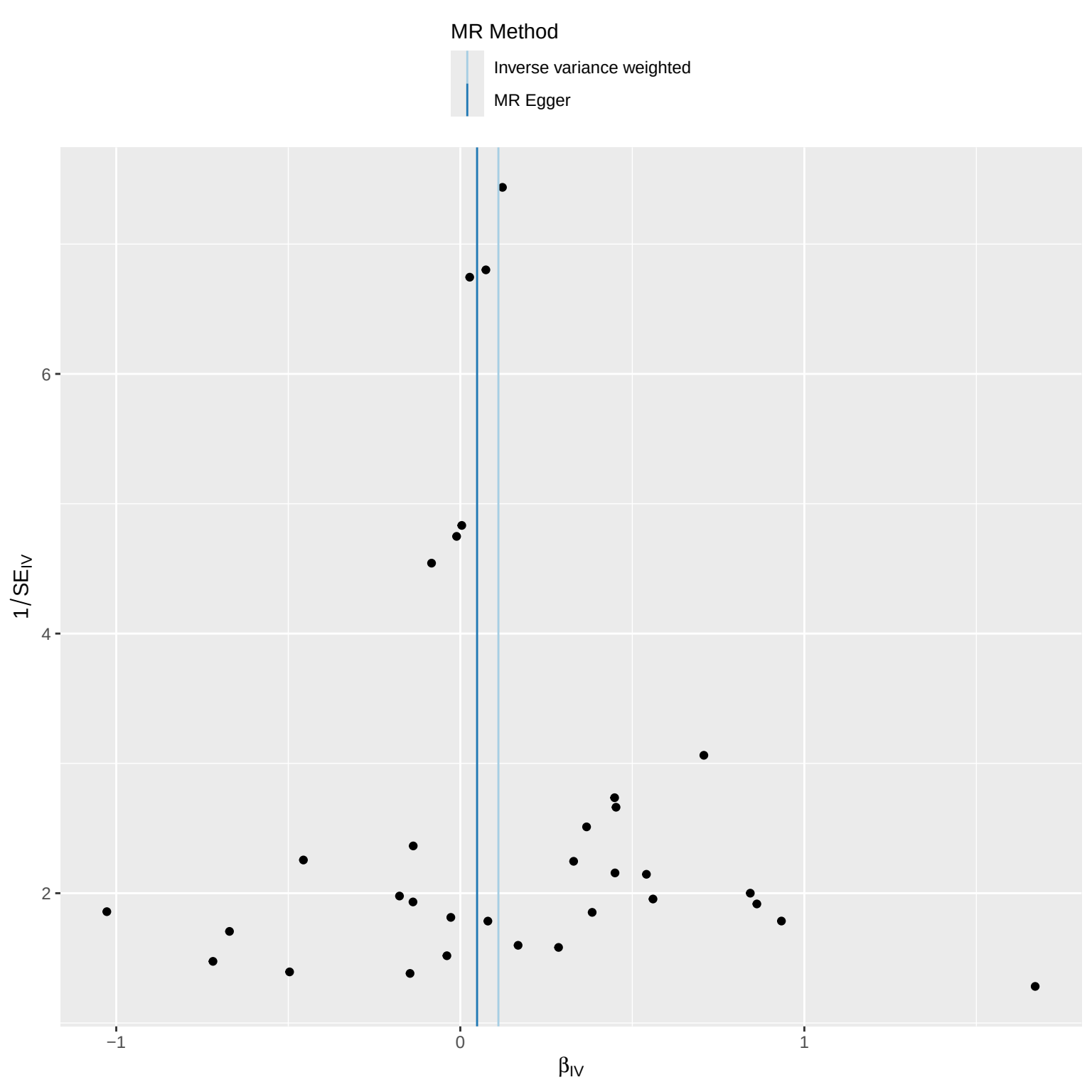

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

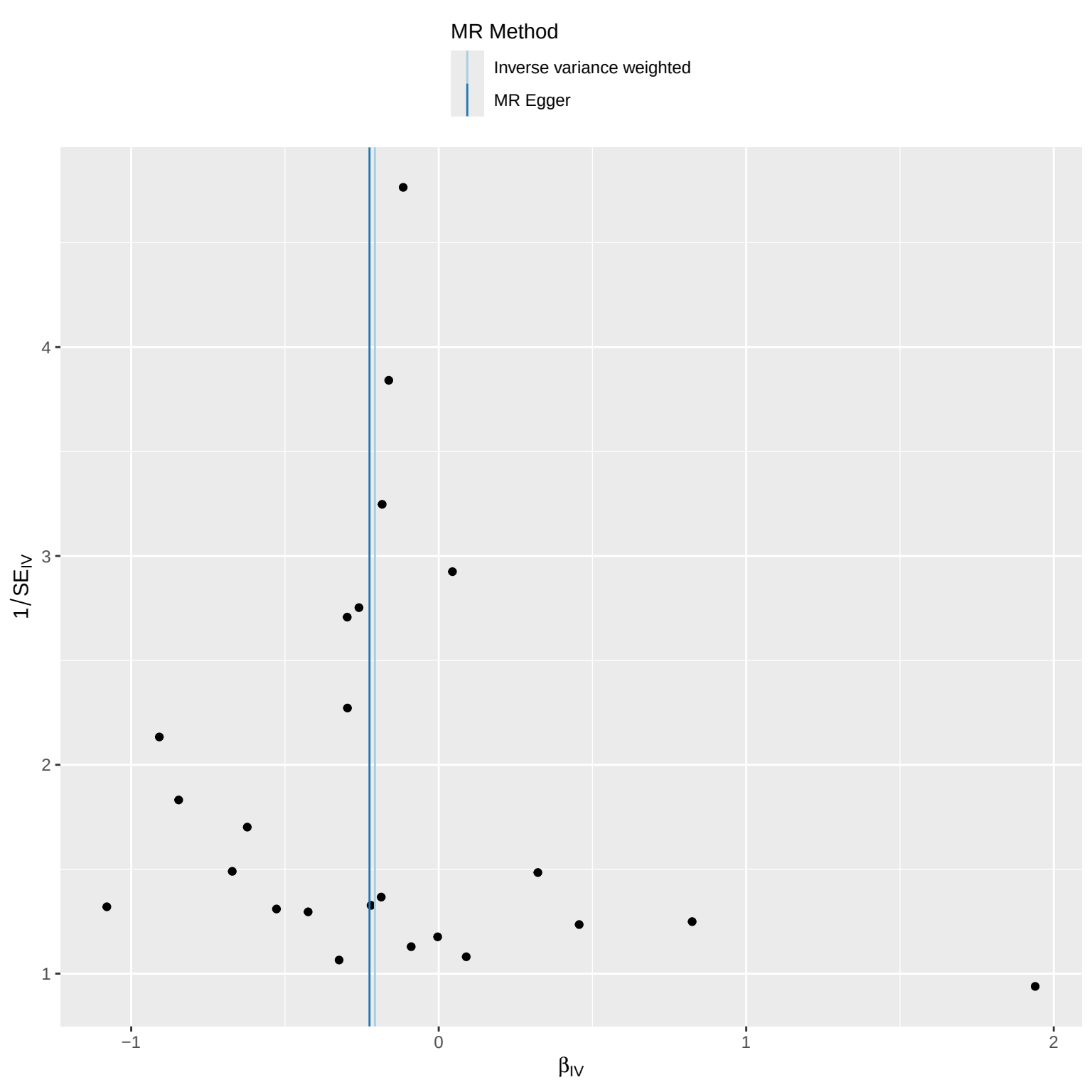

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

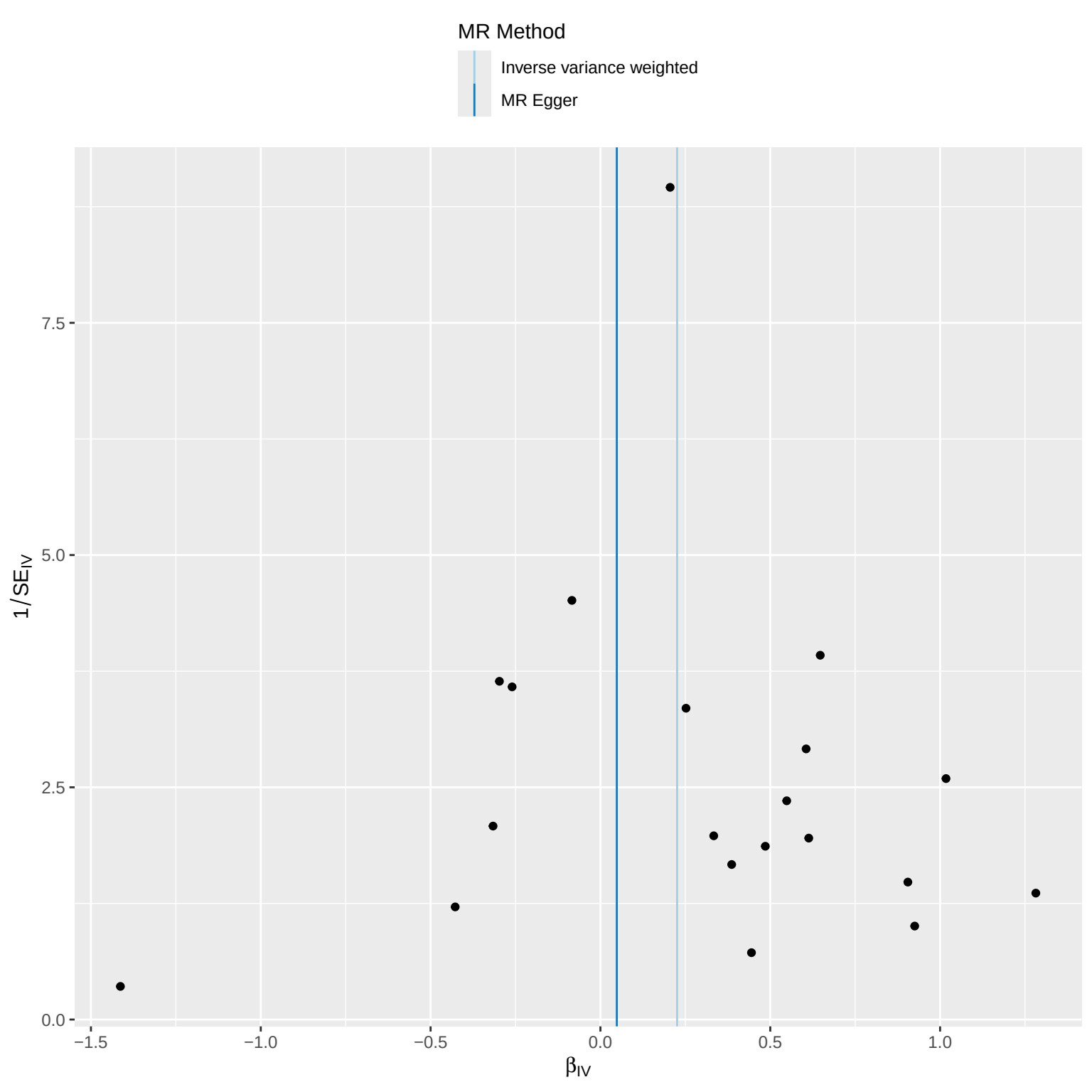

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

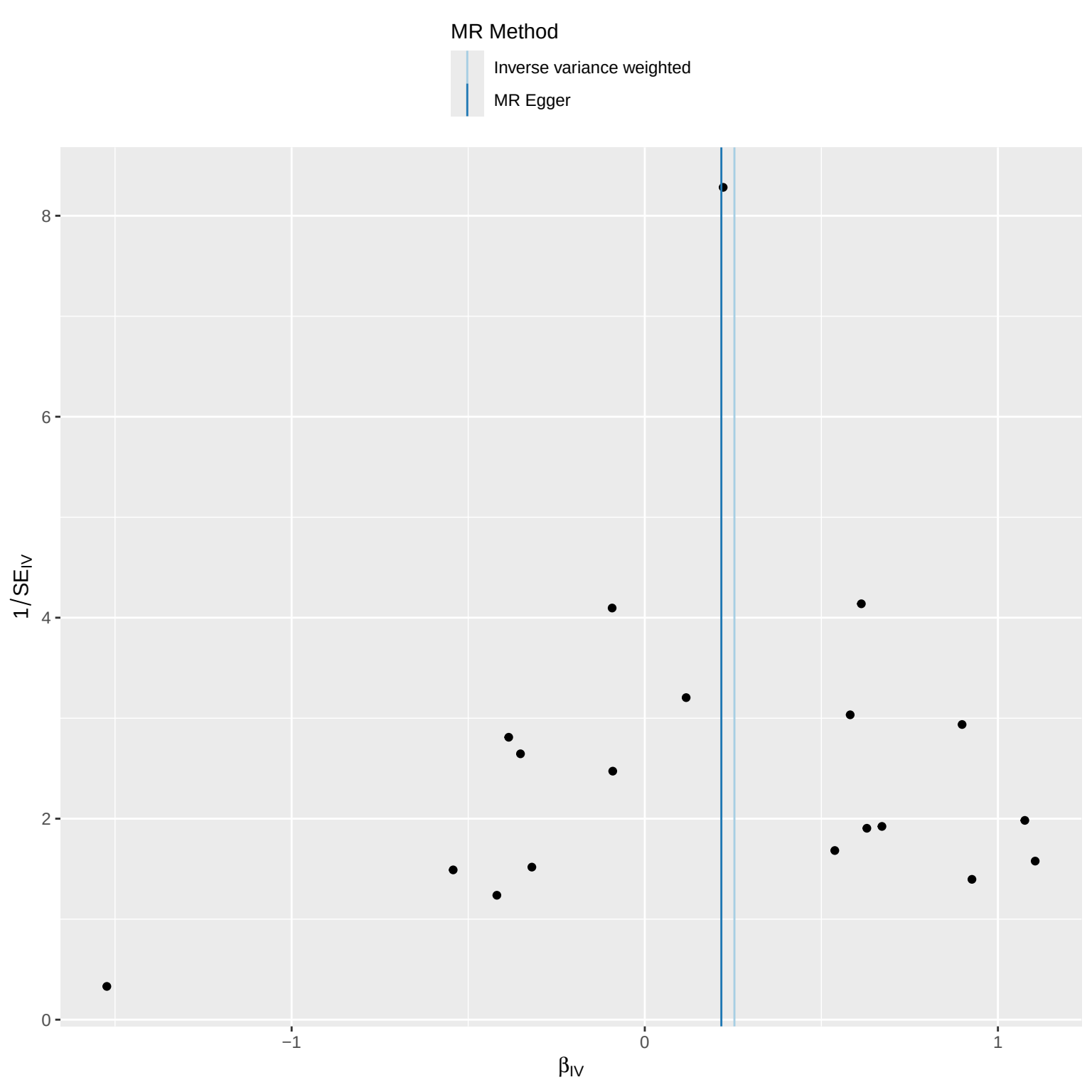

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

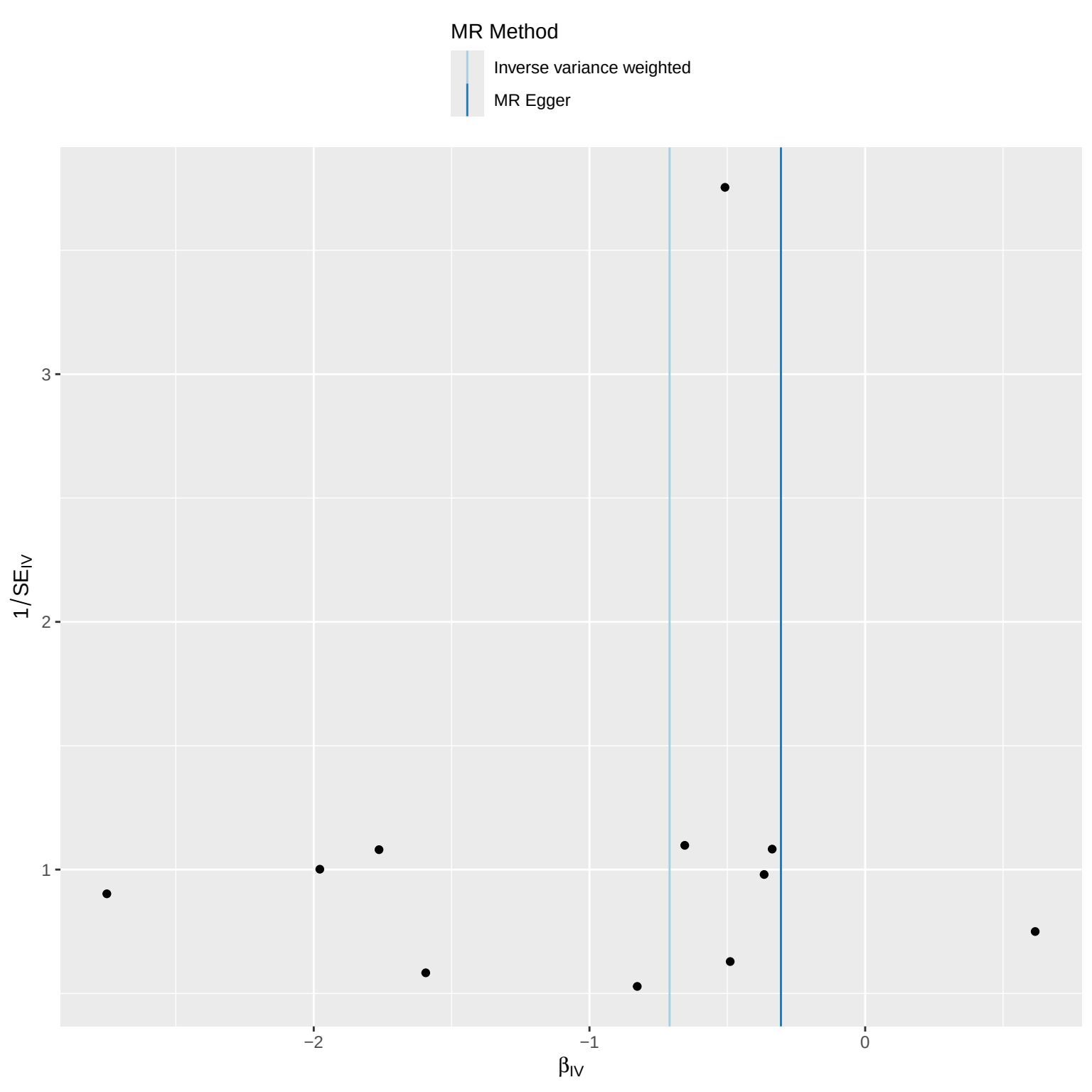

MR Method
Inverse variance weighted
MR Egger
2.25
2.00
1.75
1.50
1/SE_IV
0.00
0.25
0.50
0.75
1.00
β_IV

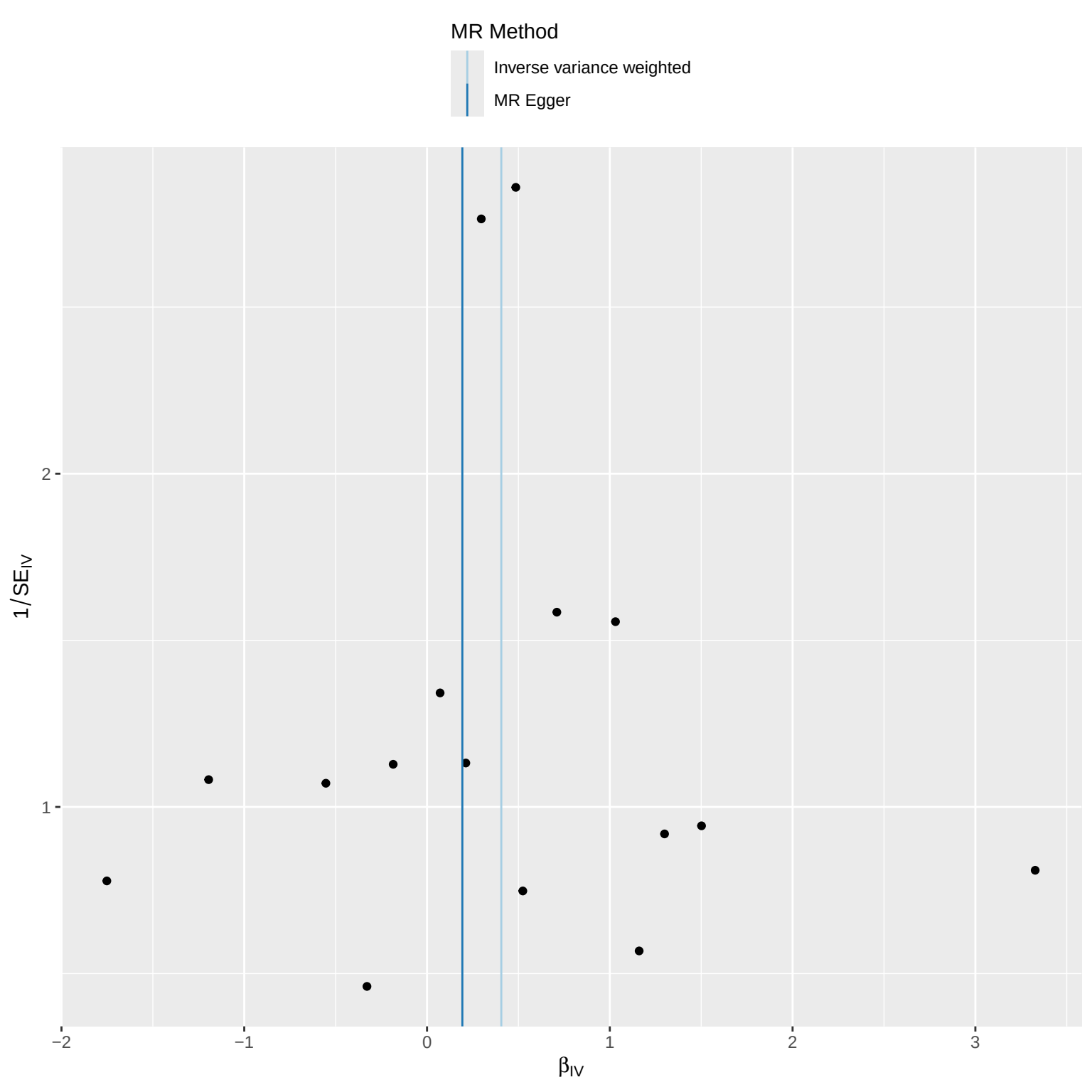

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

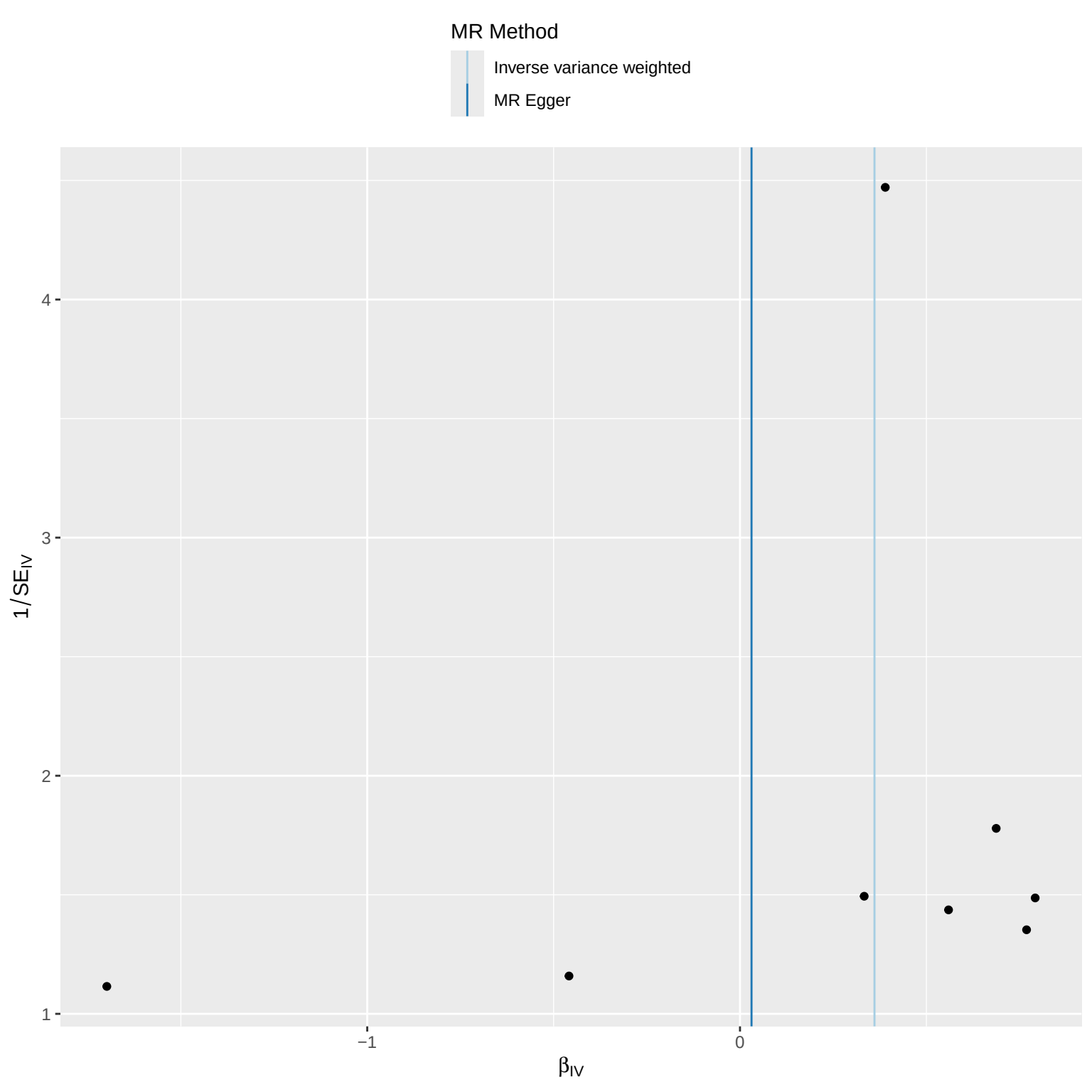

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−1
0
1
2

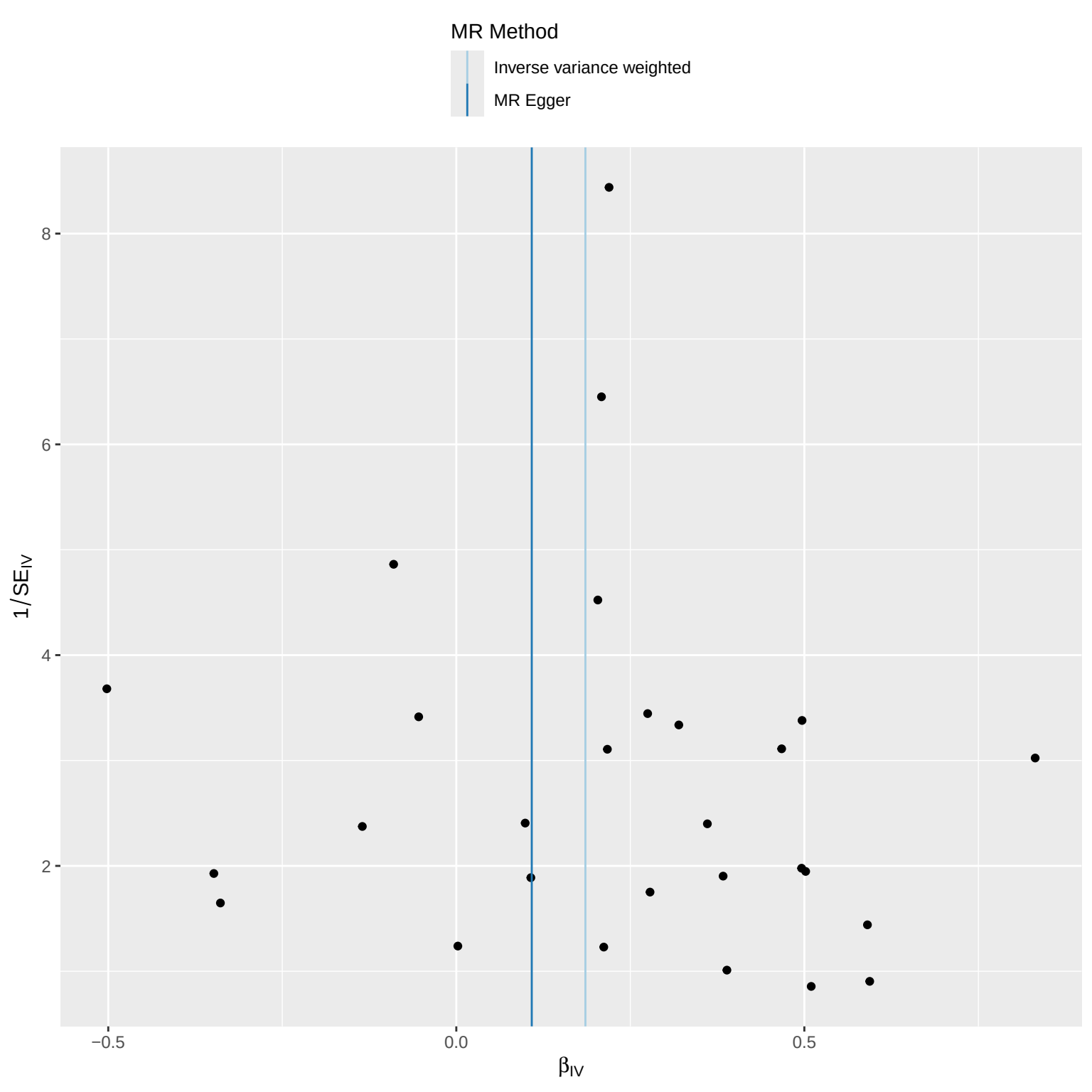

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

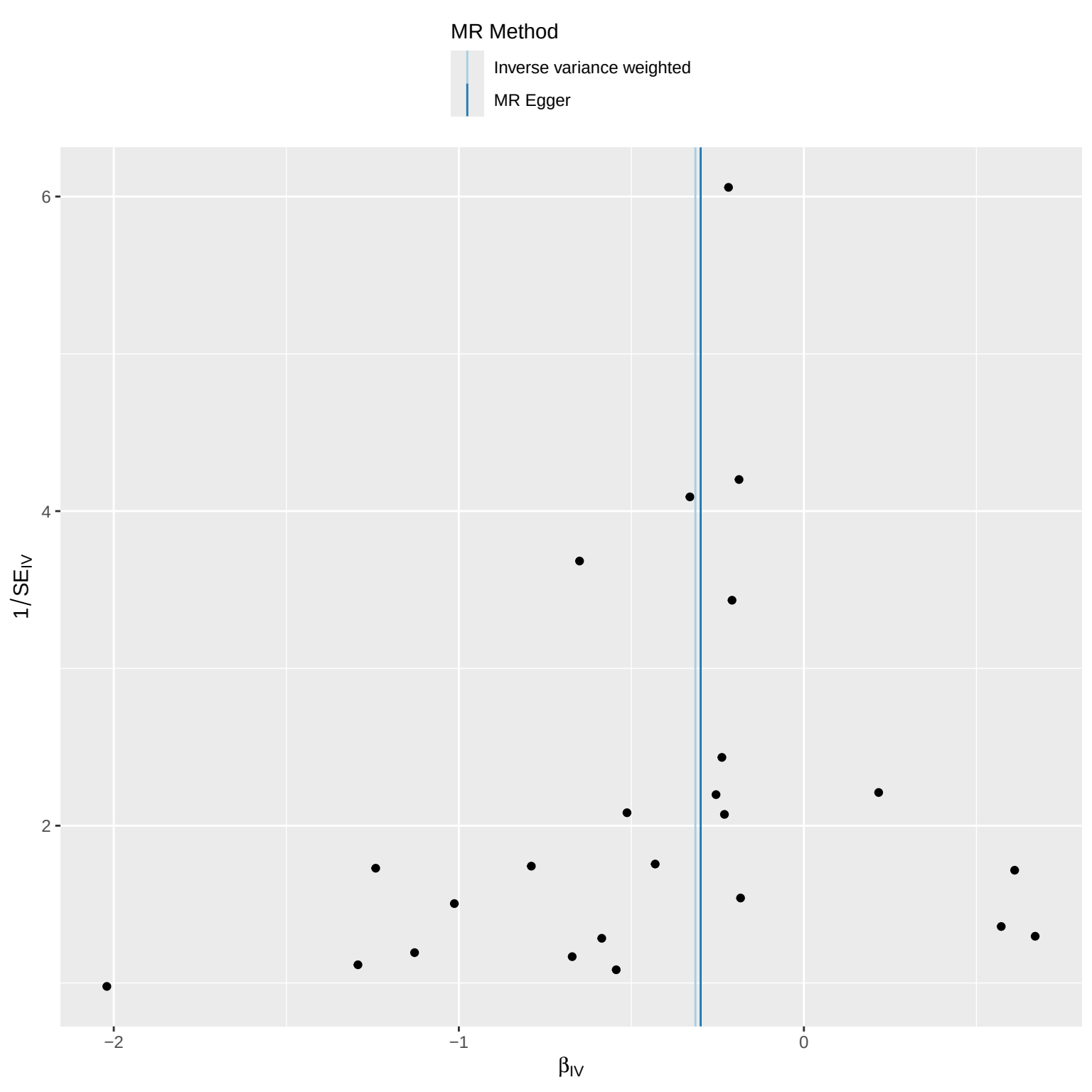

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
−1
0
1
1/SE_IV
β_IV

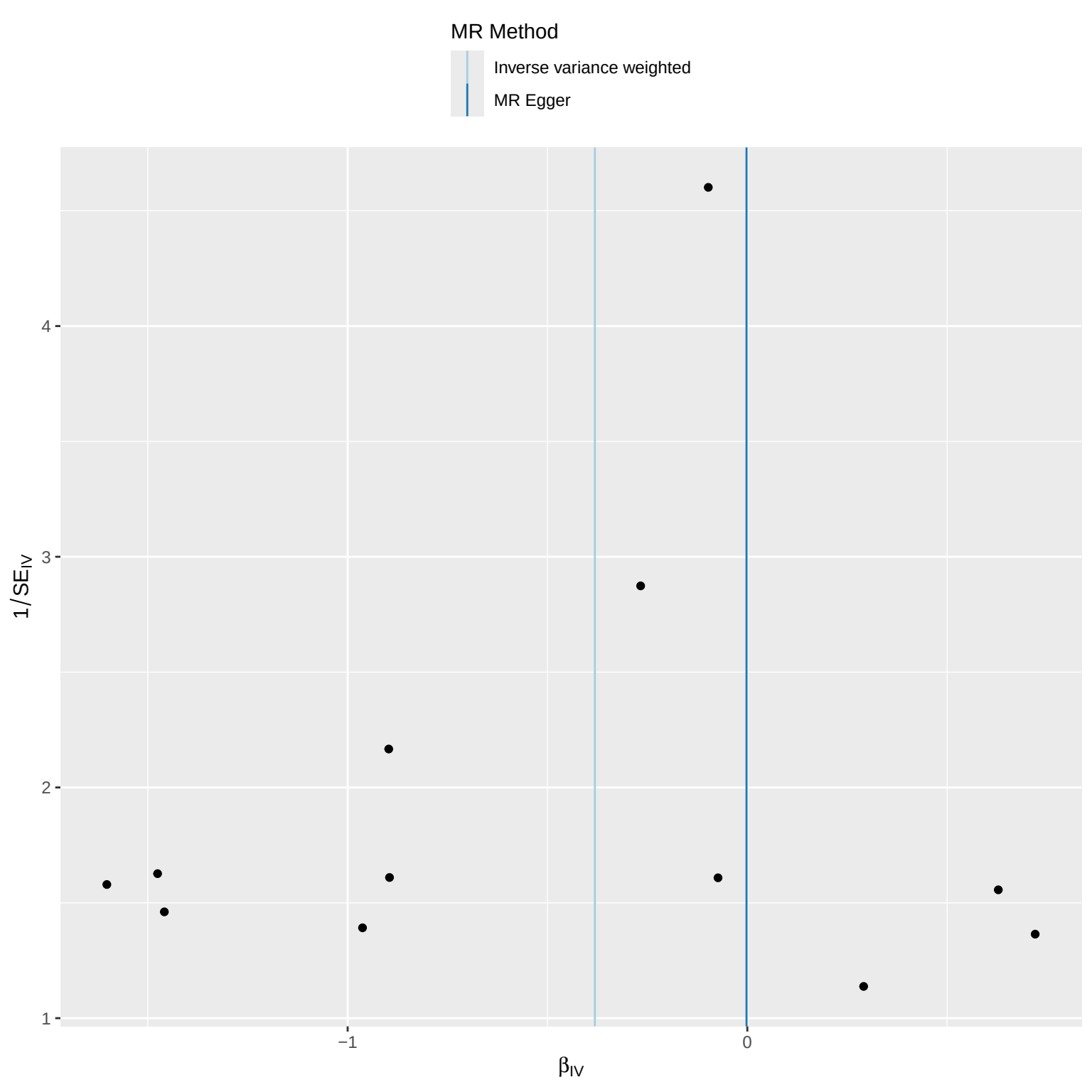

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

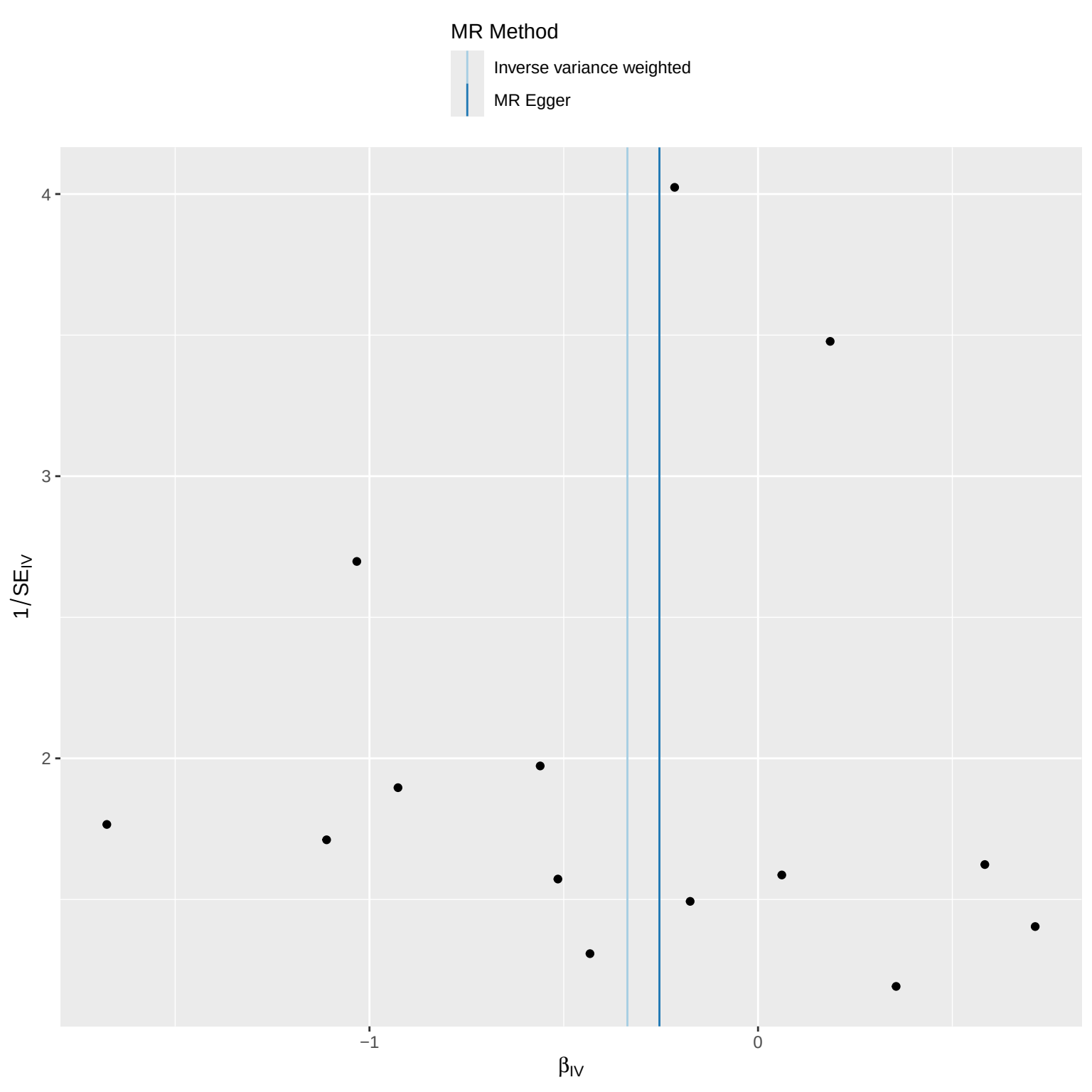

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

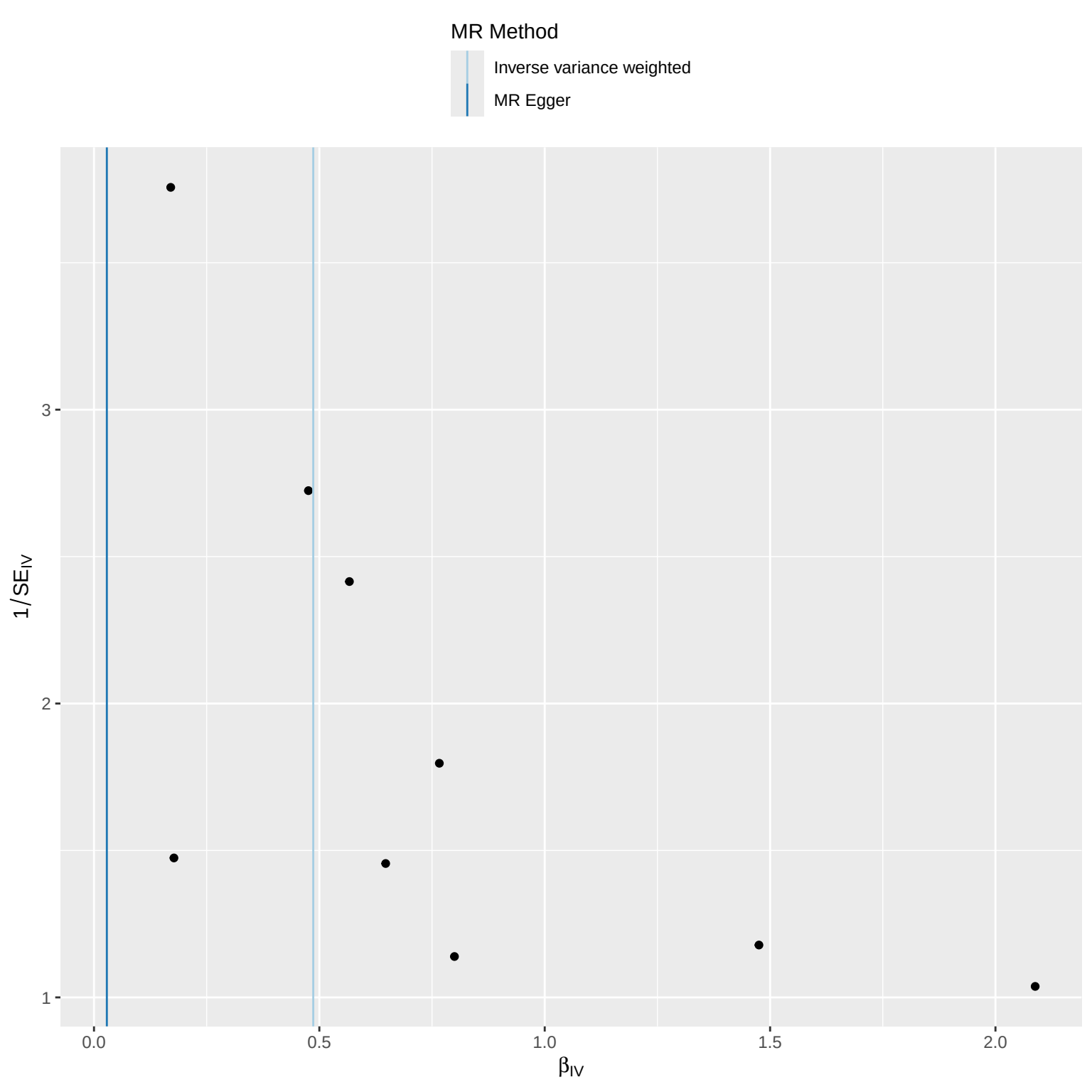

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
β_IV

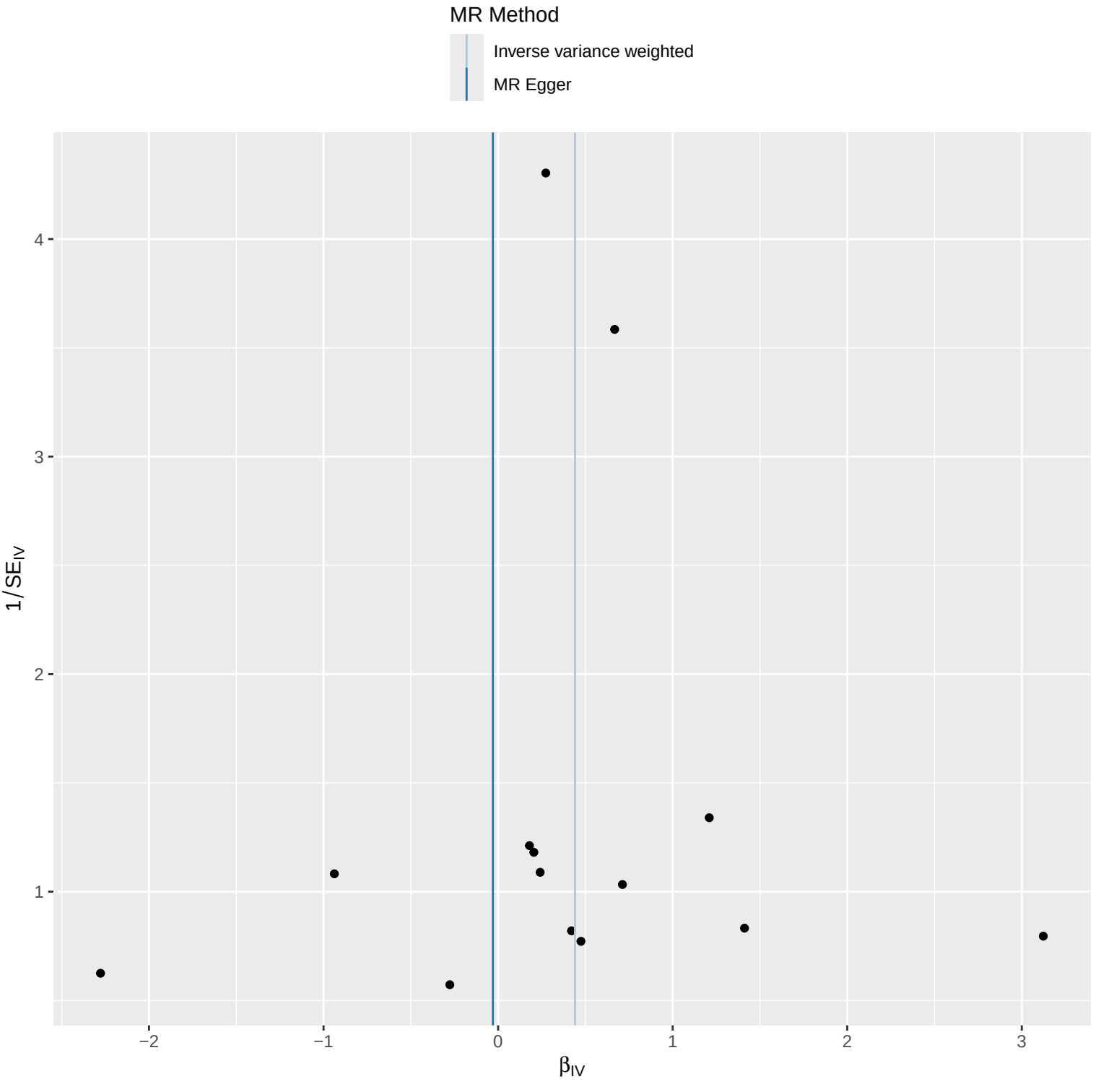

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

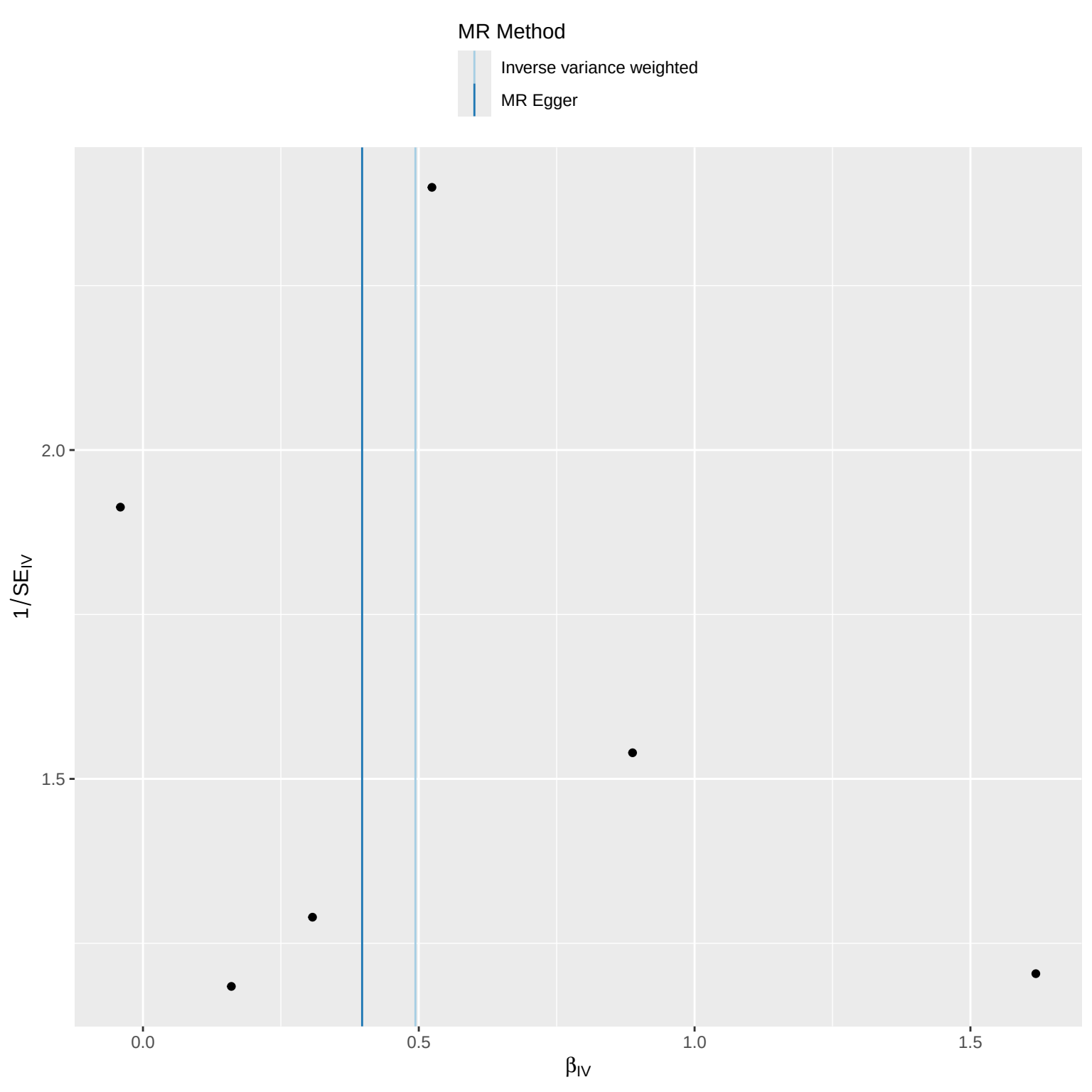

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

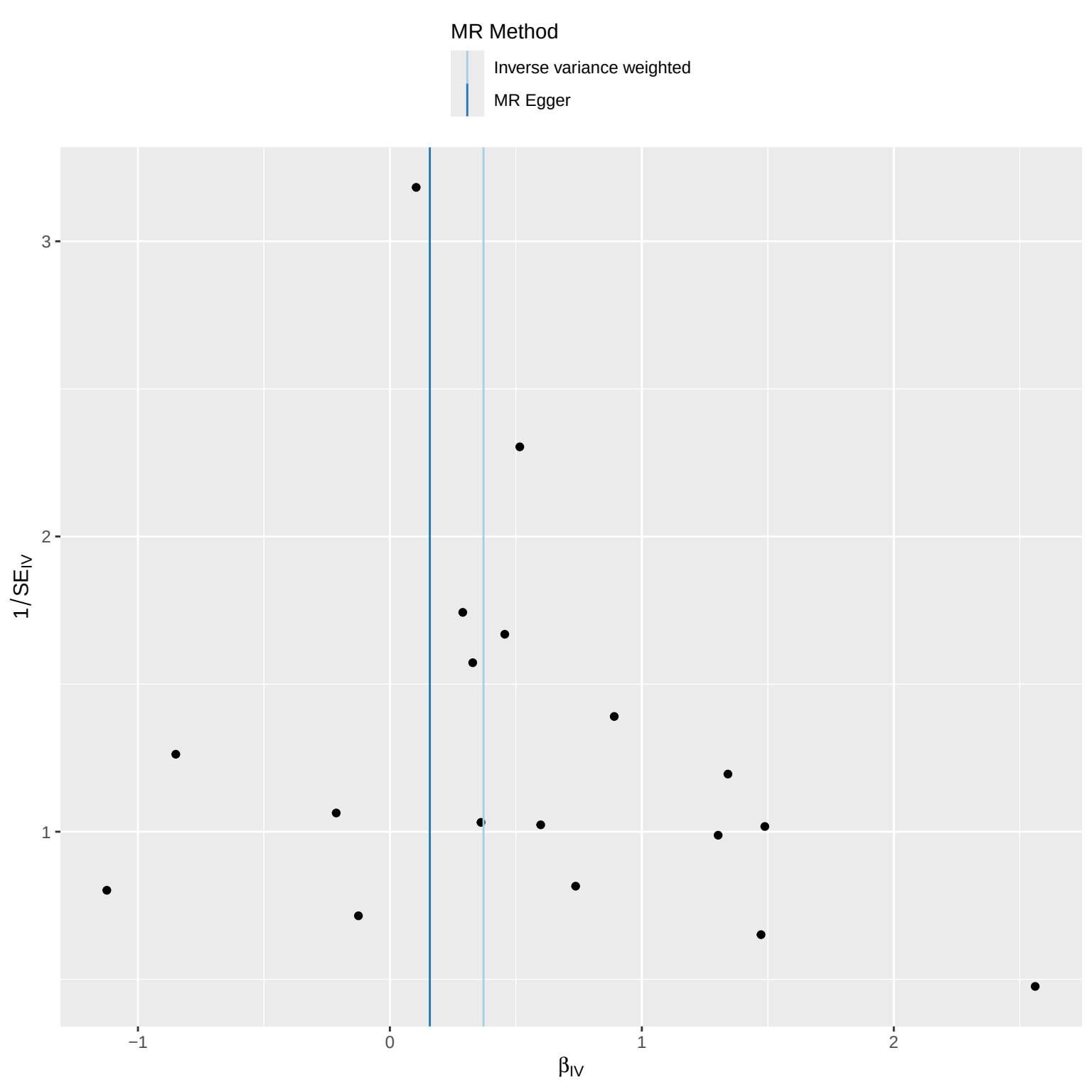

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
β_IV

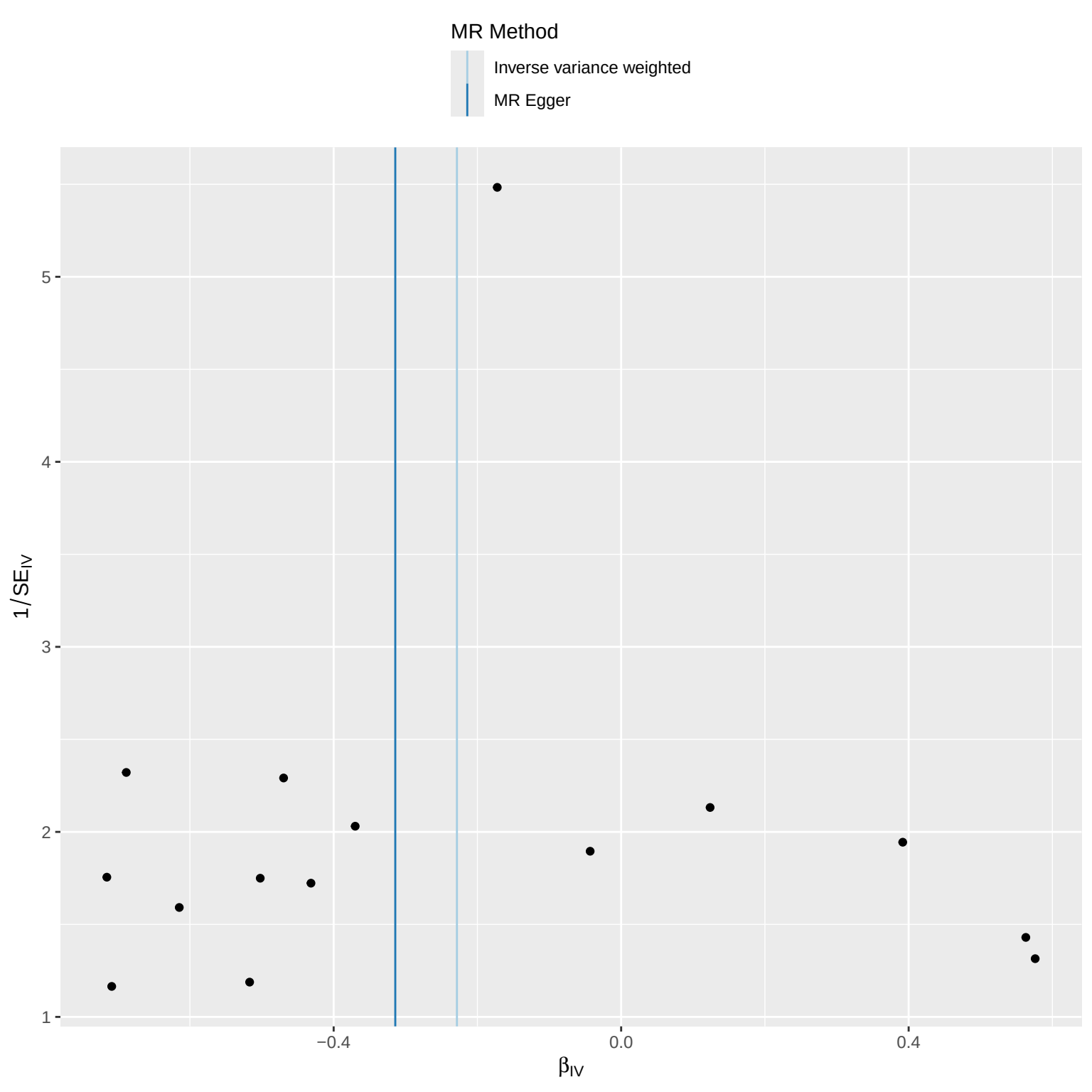

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1
0
β_IV

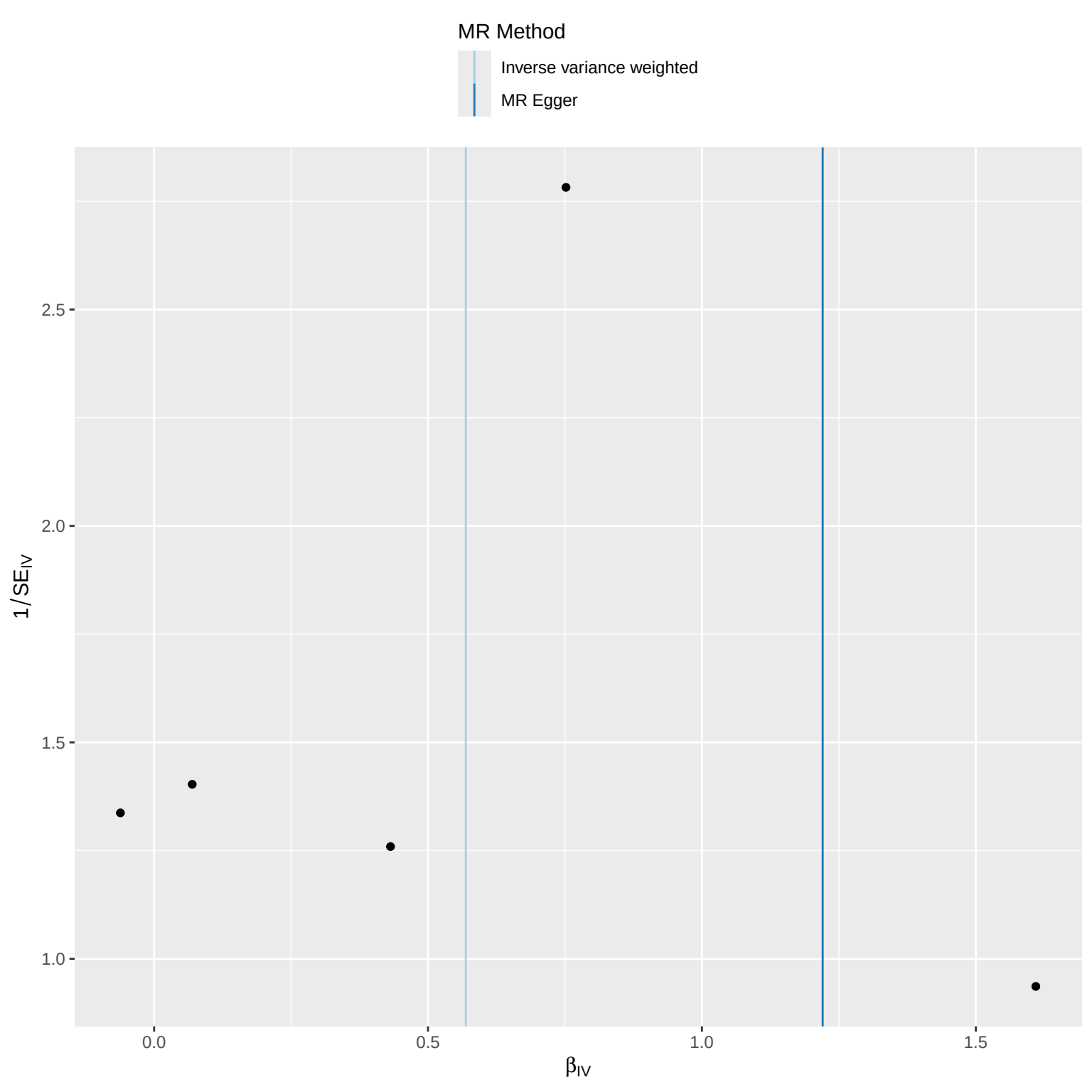

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

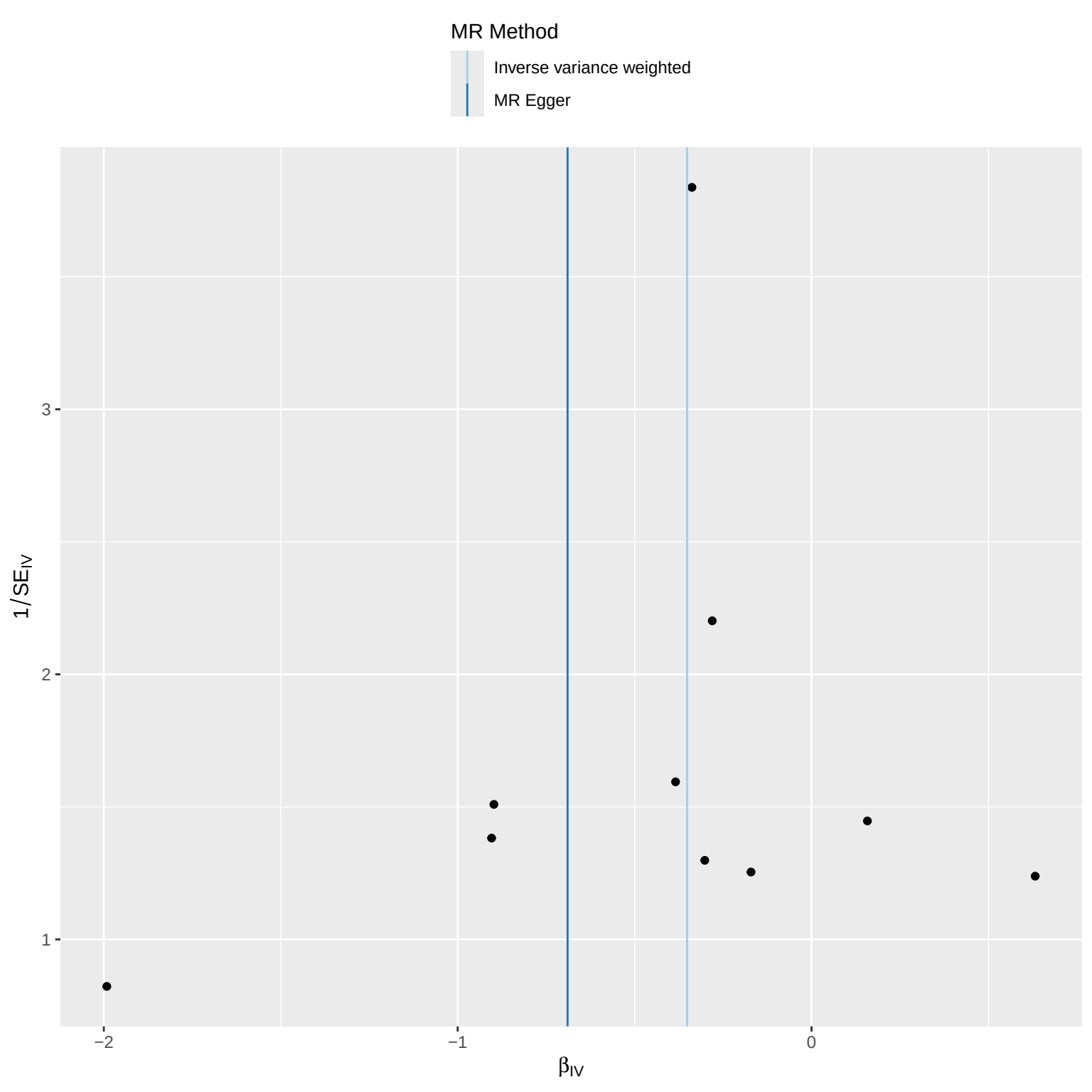

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

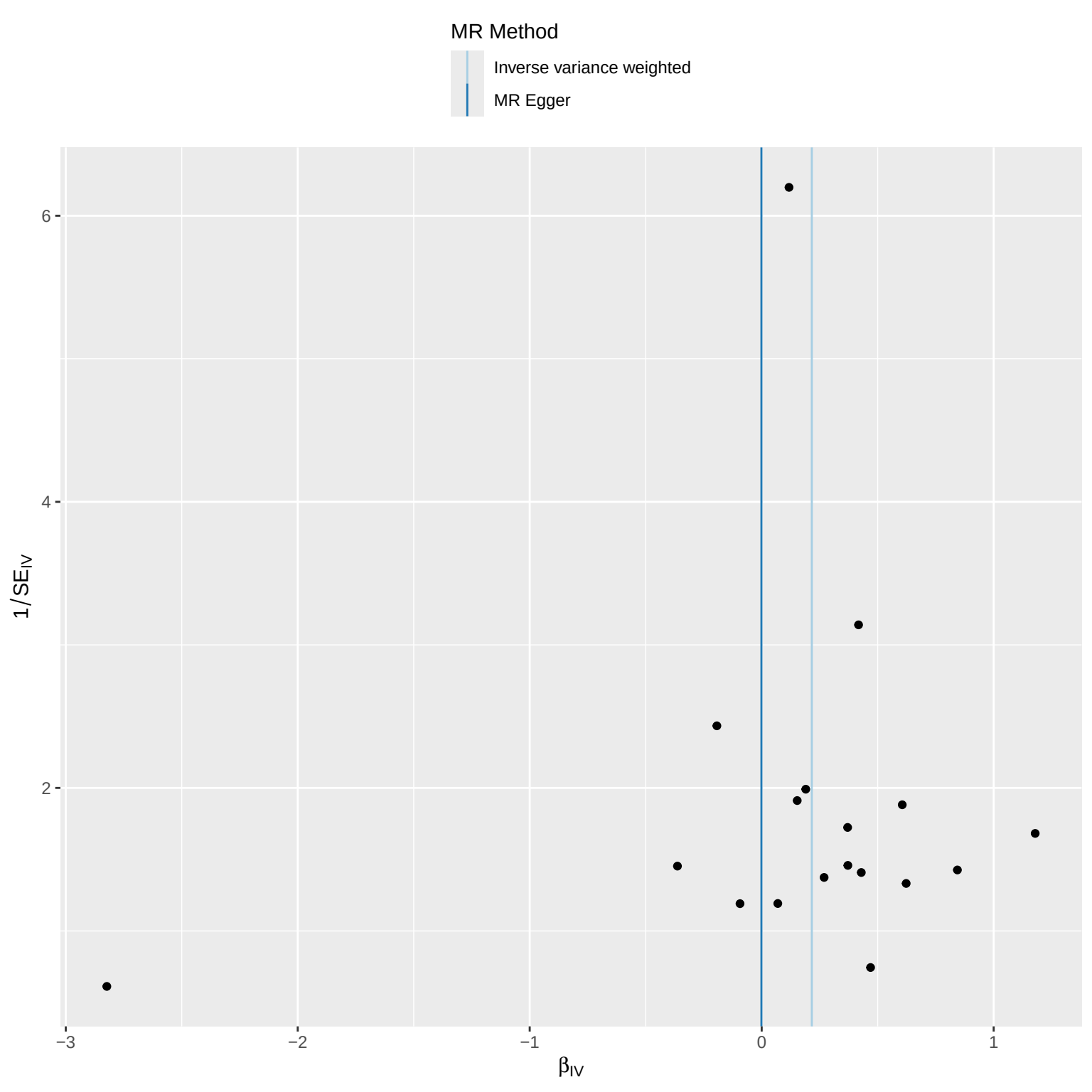

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

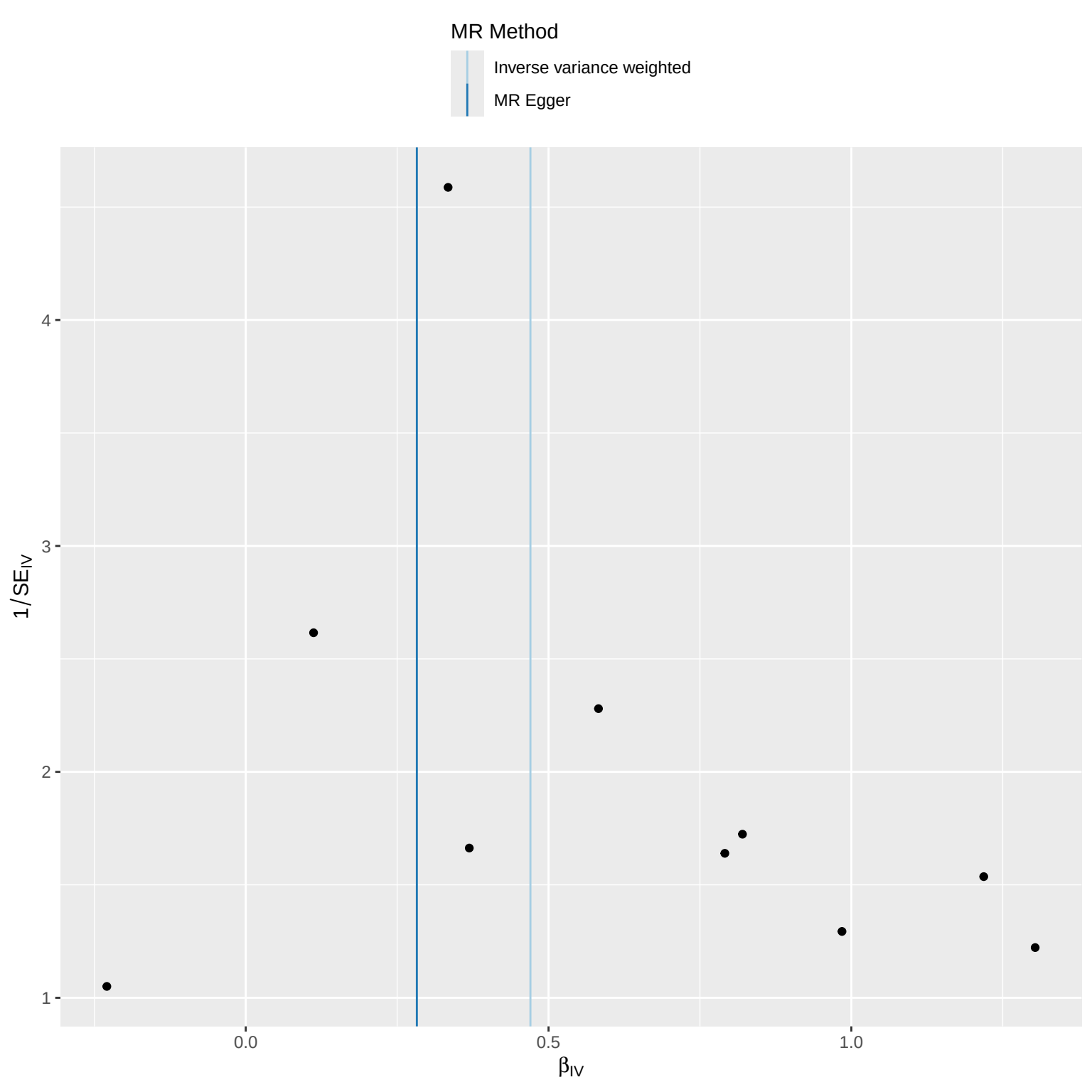

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

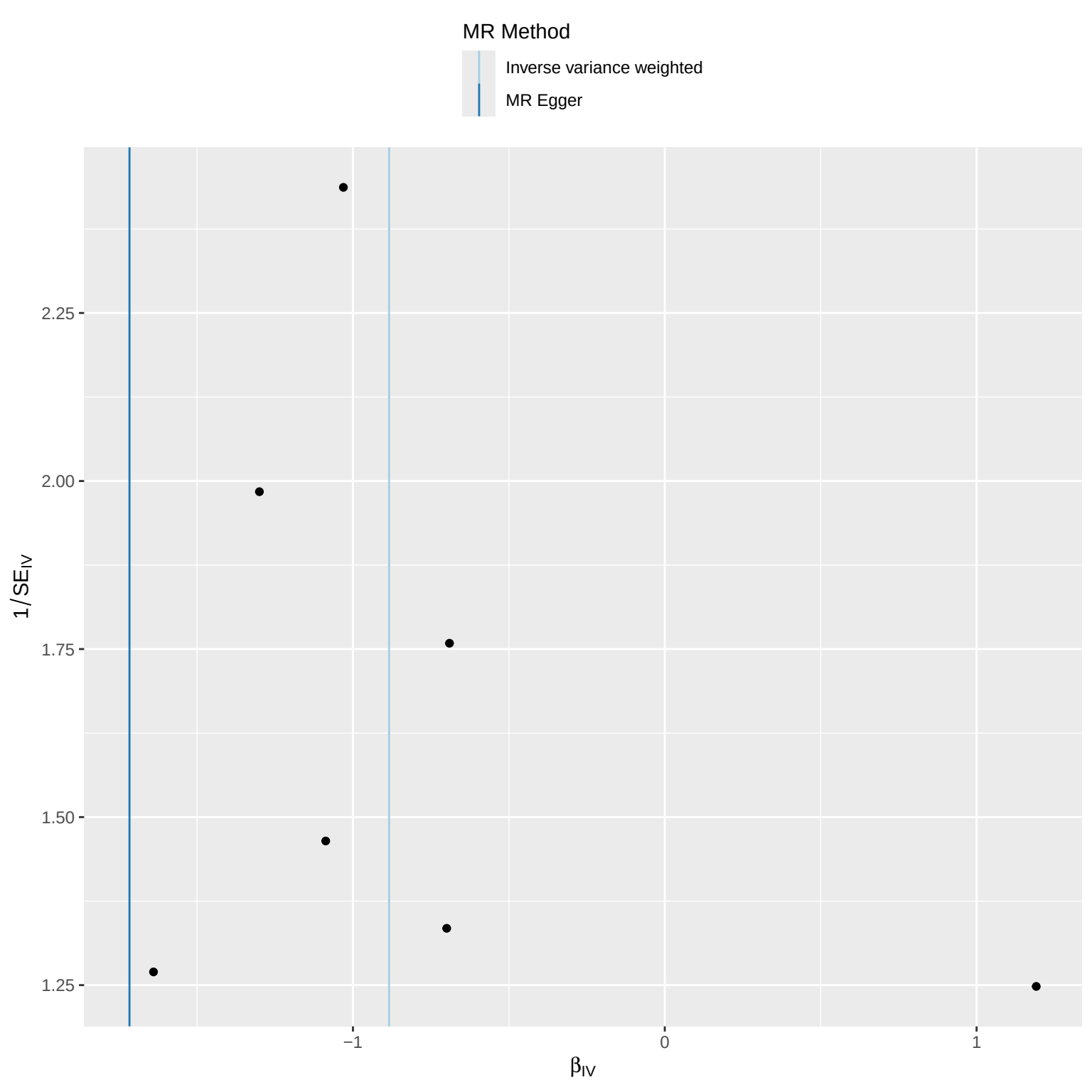

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.4
0.0
0.4
β_IV

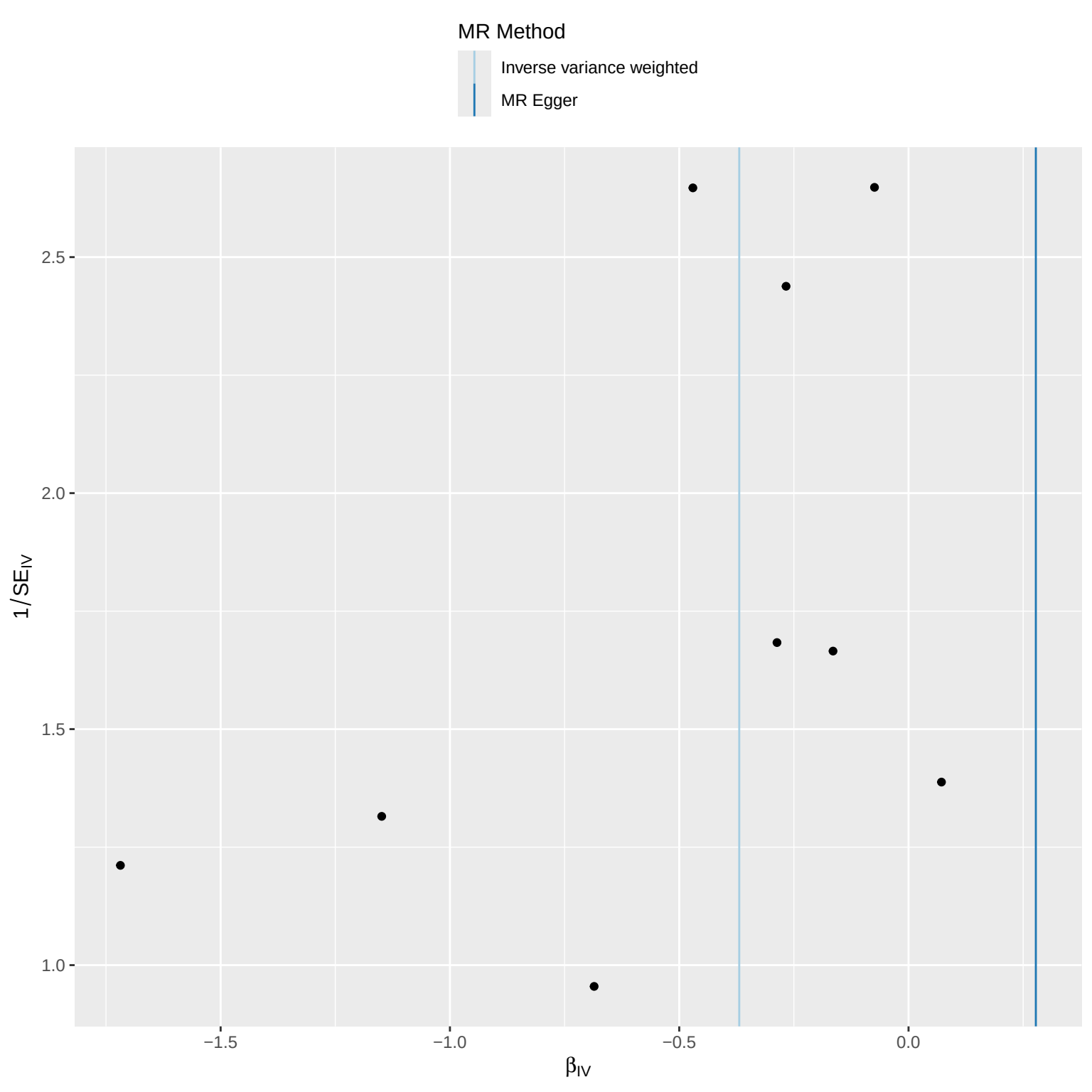

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

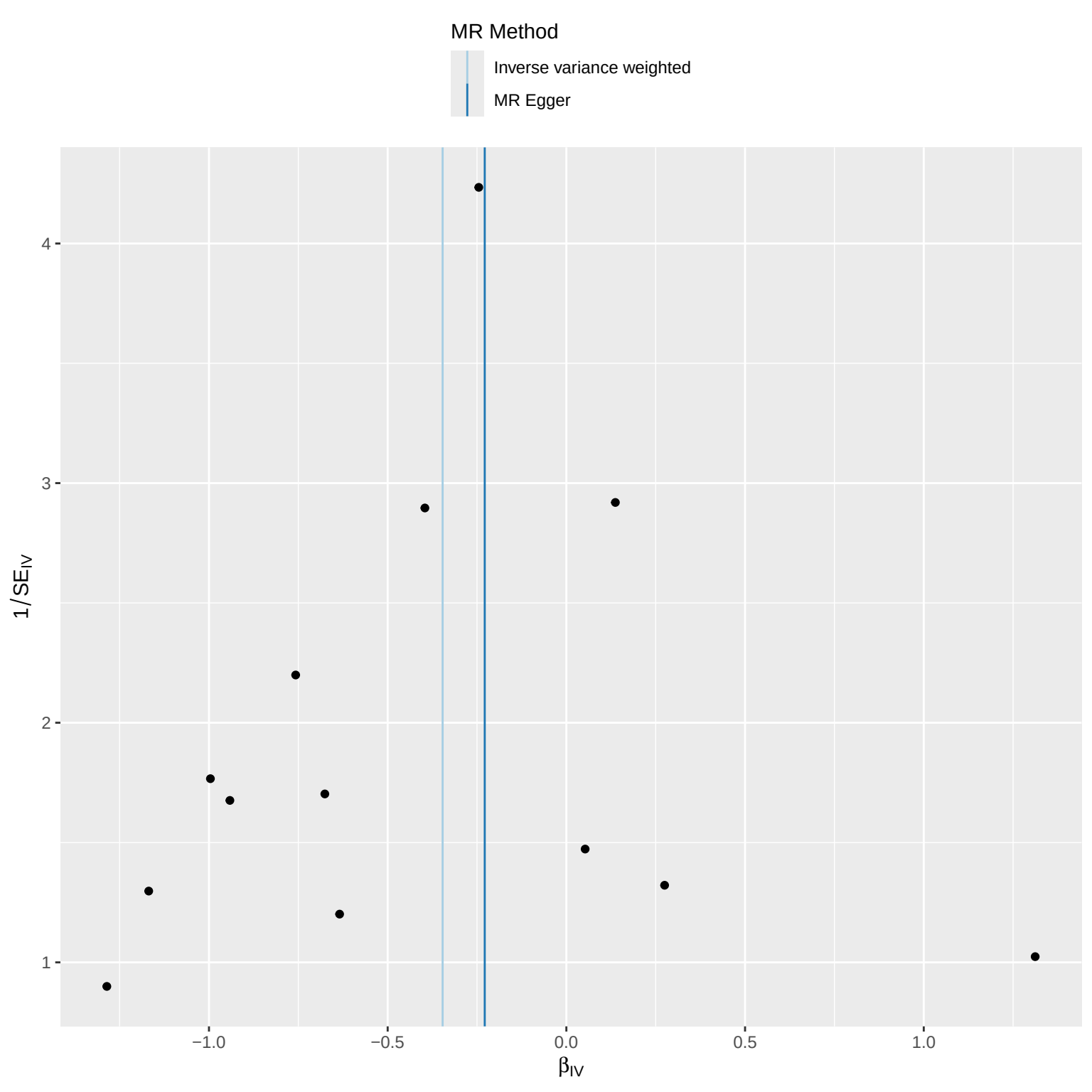

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

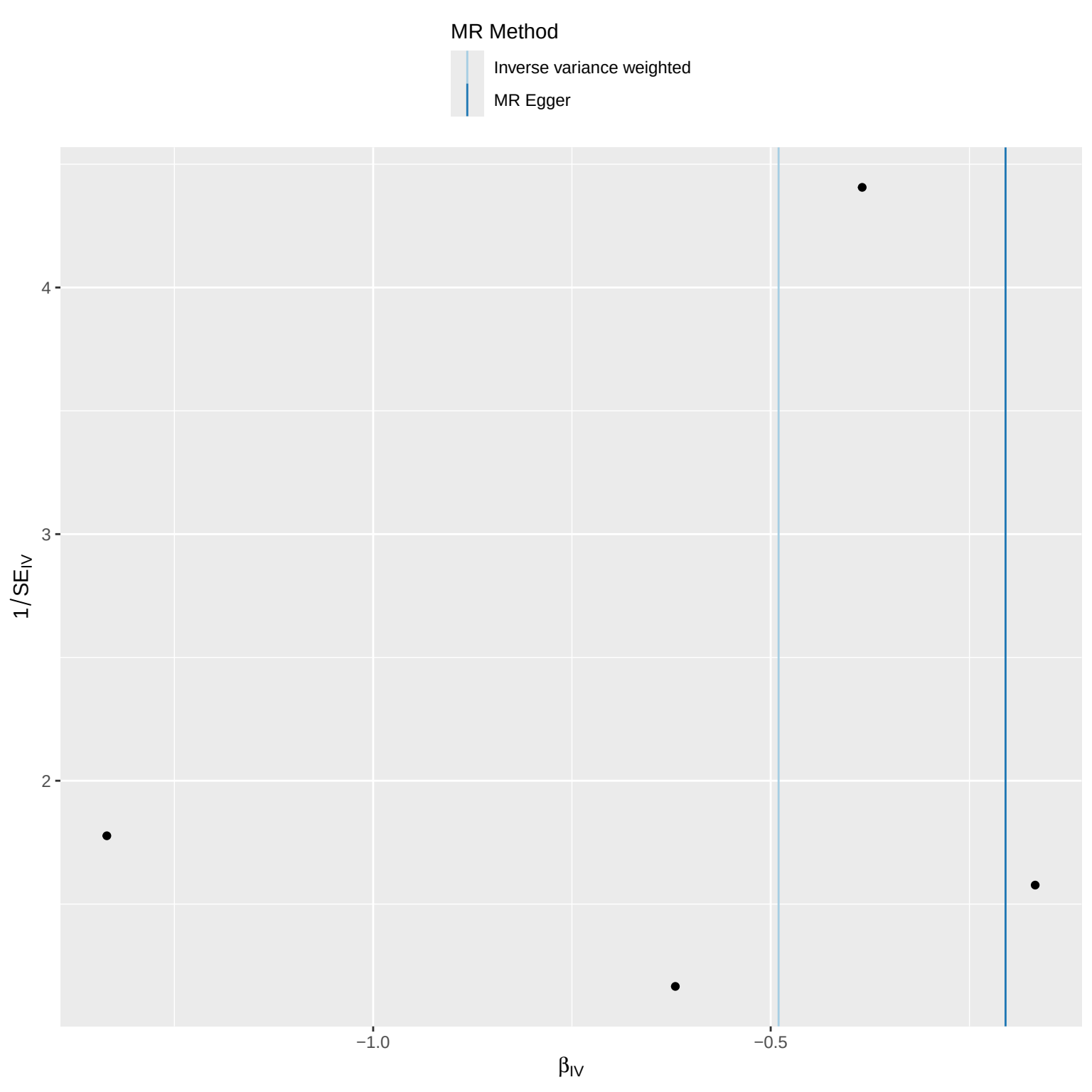

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

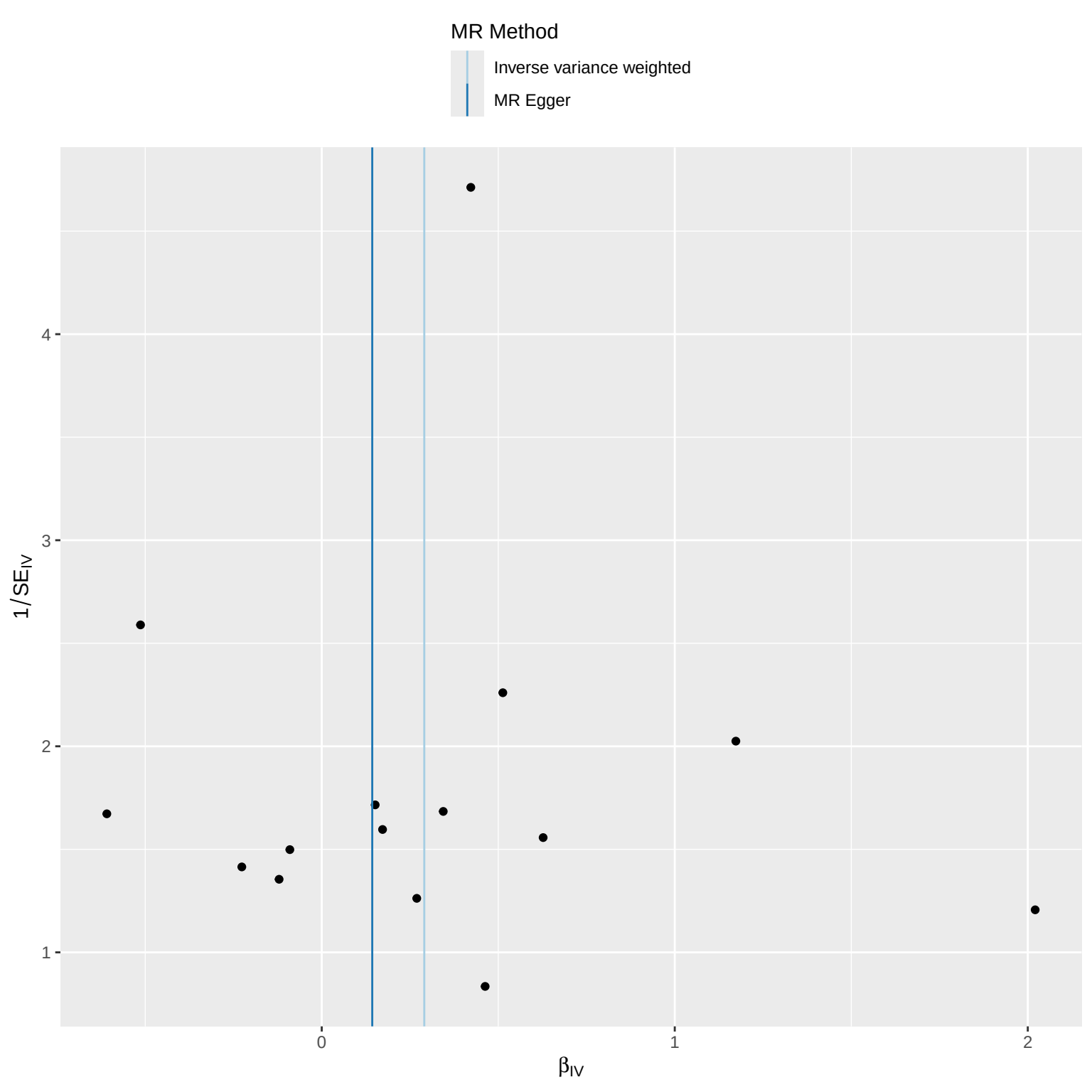

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
0.0
0.5
1.0
β_{IV}

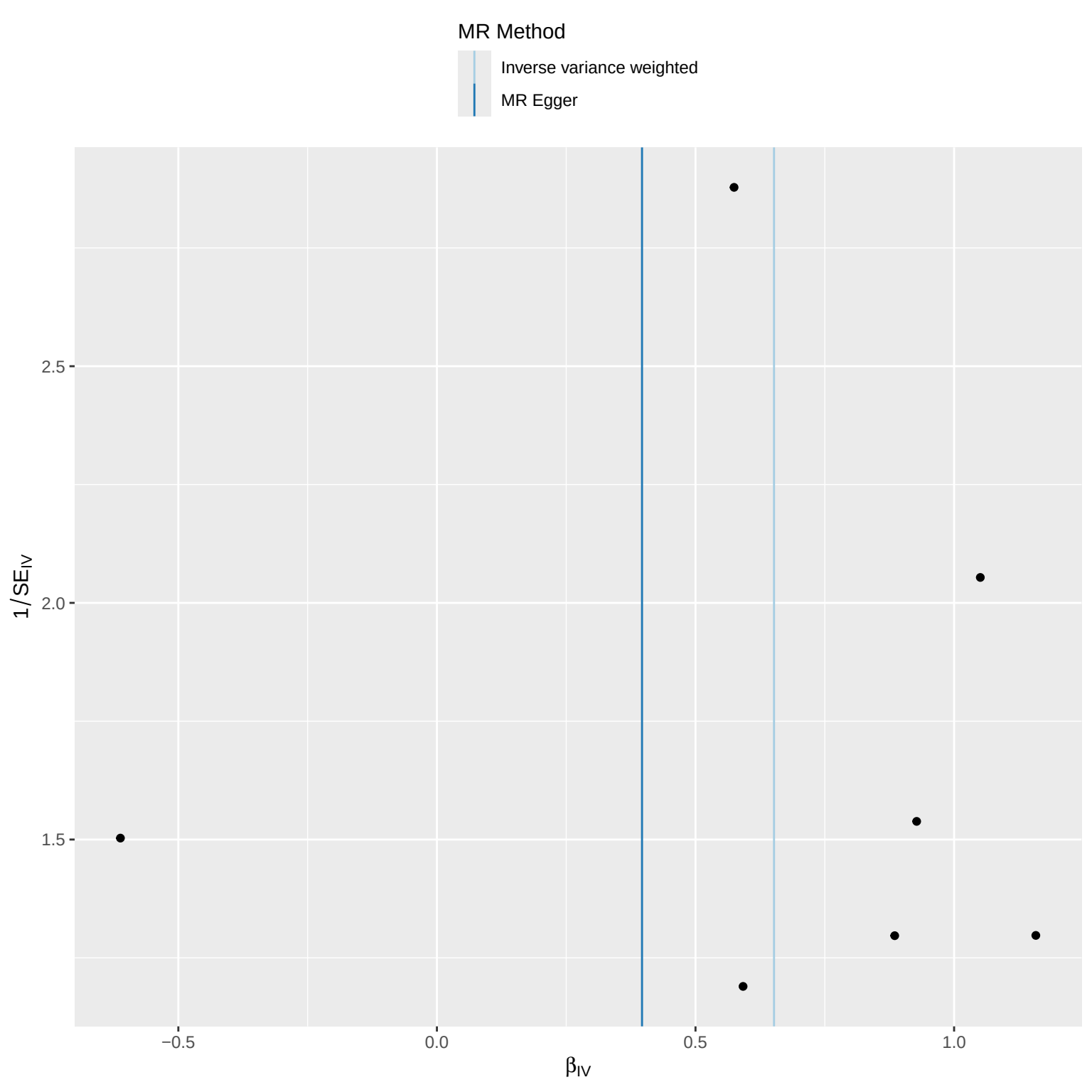

MR Method
Inverse variance weighted
MR Egger
2.25
2.00
1.75
1.50
1.25
1/SE_IV
−1
0
1
β_IV

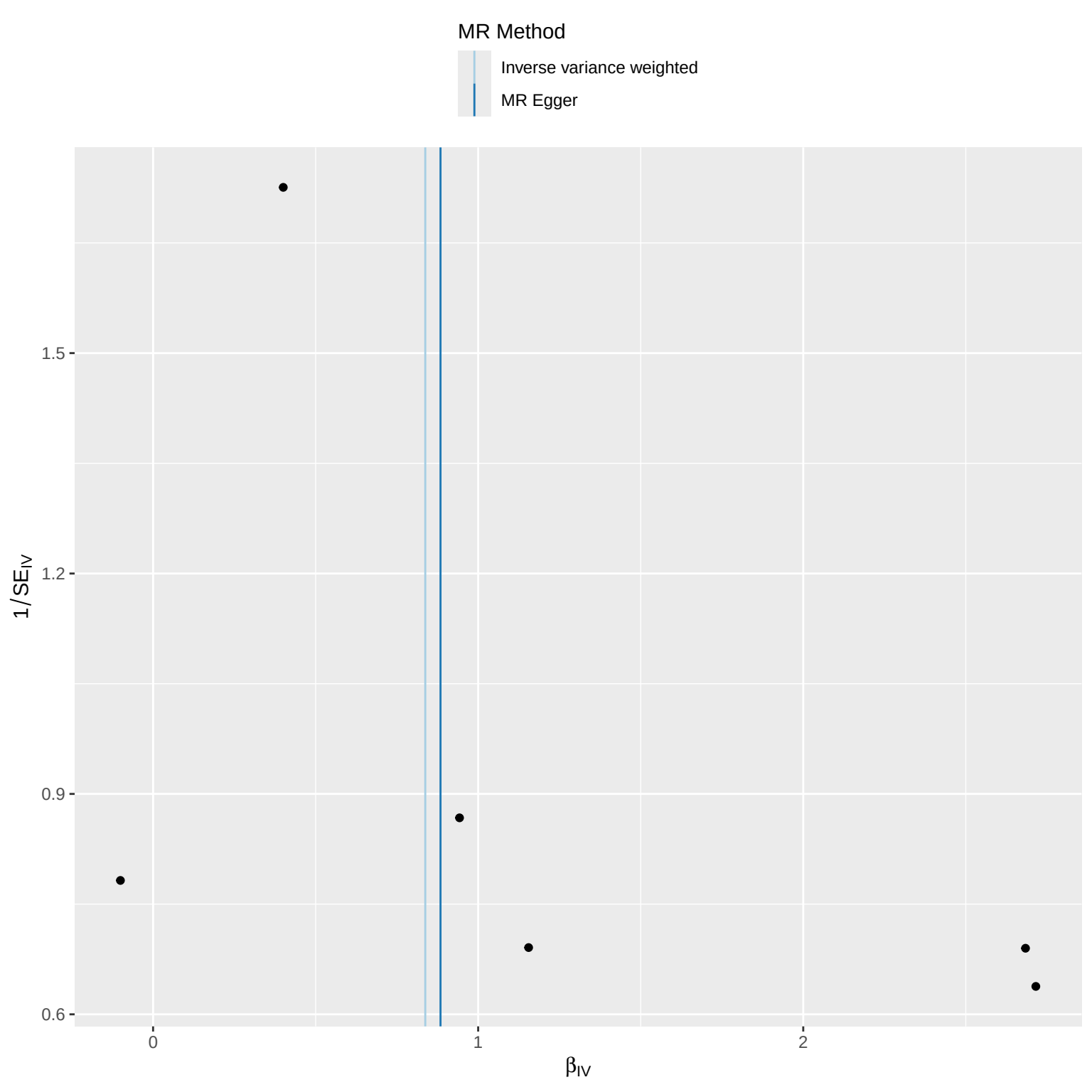

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

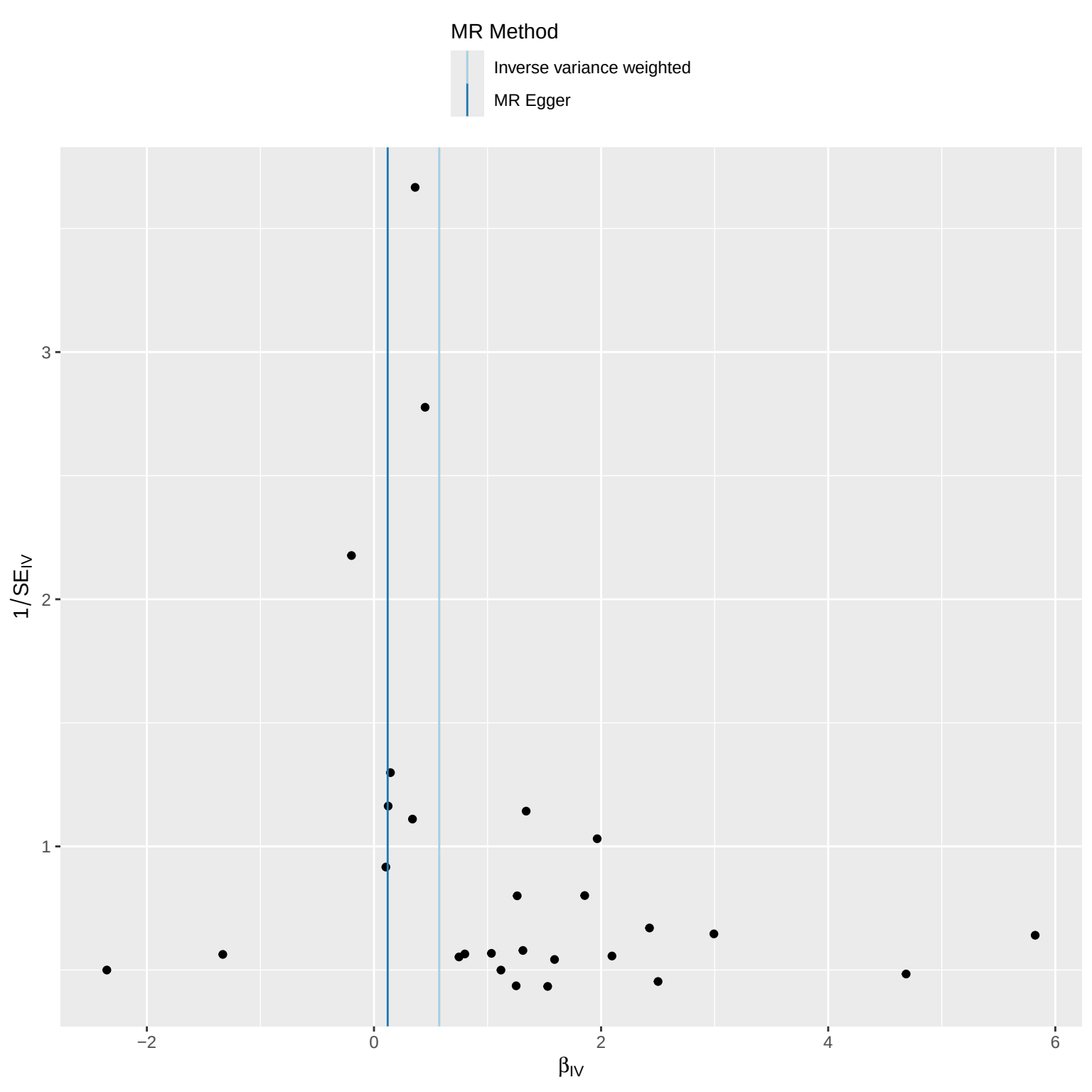

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

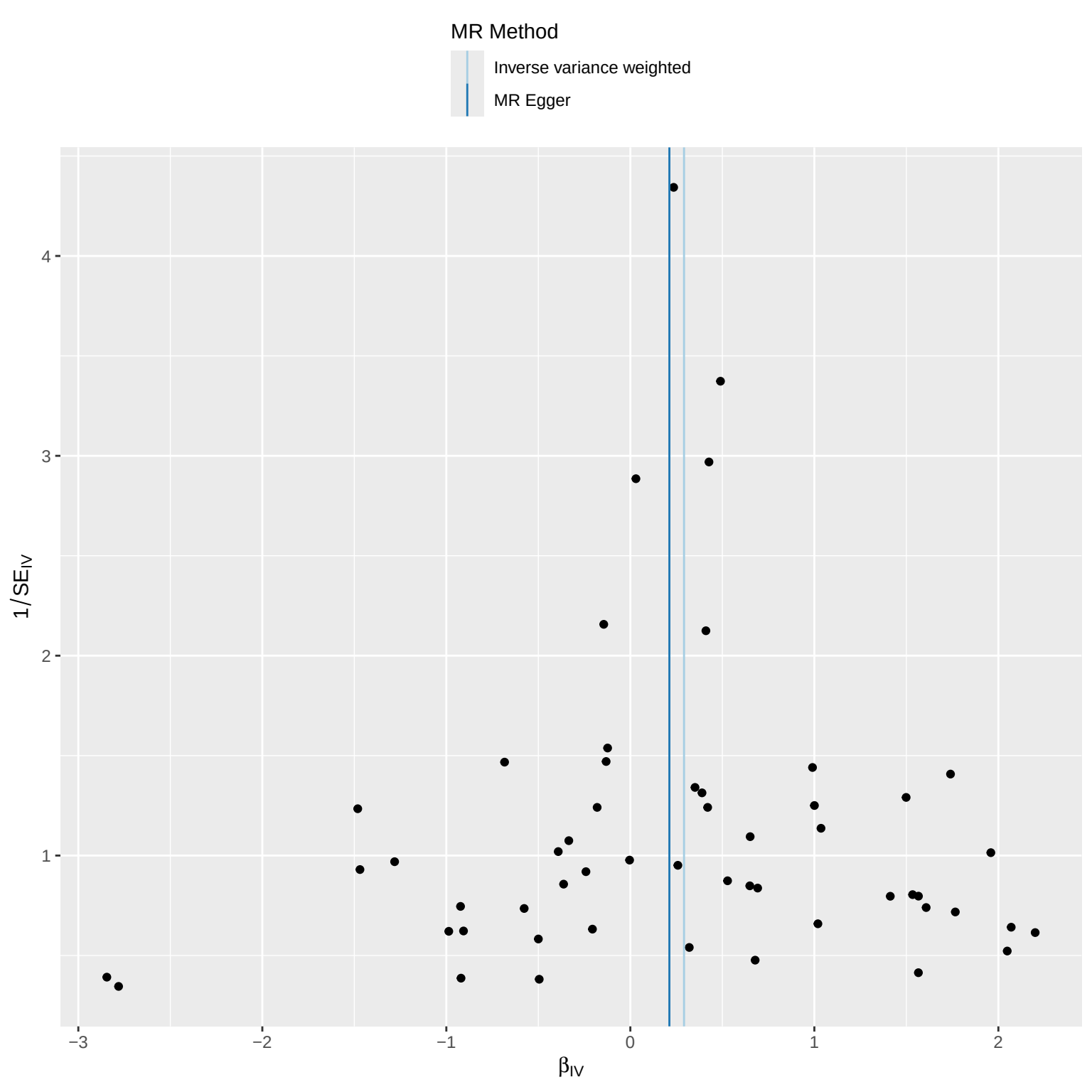

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.0
−0.5
β_IV

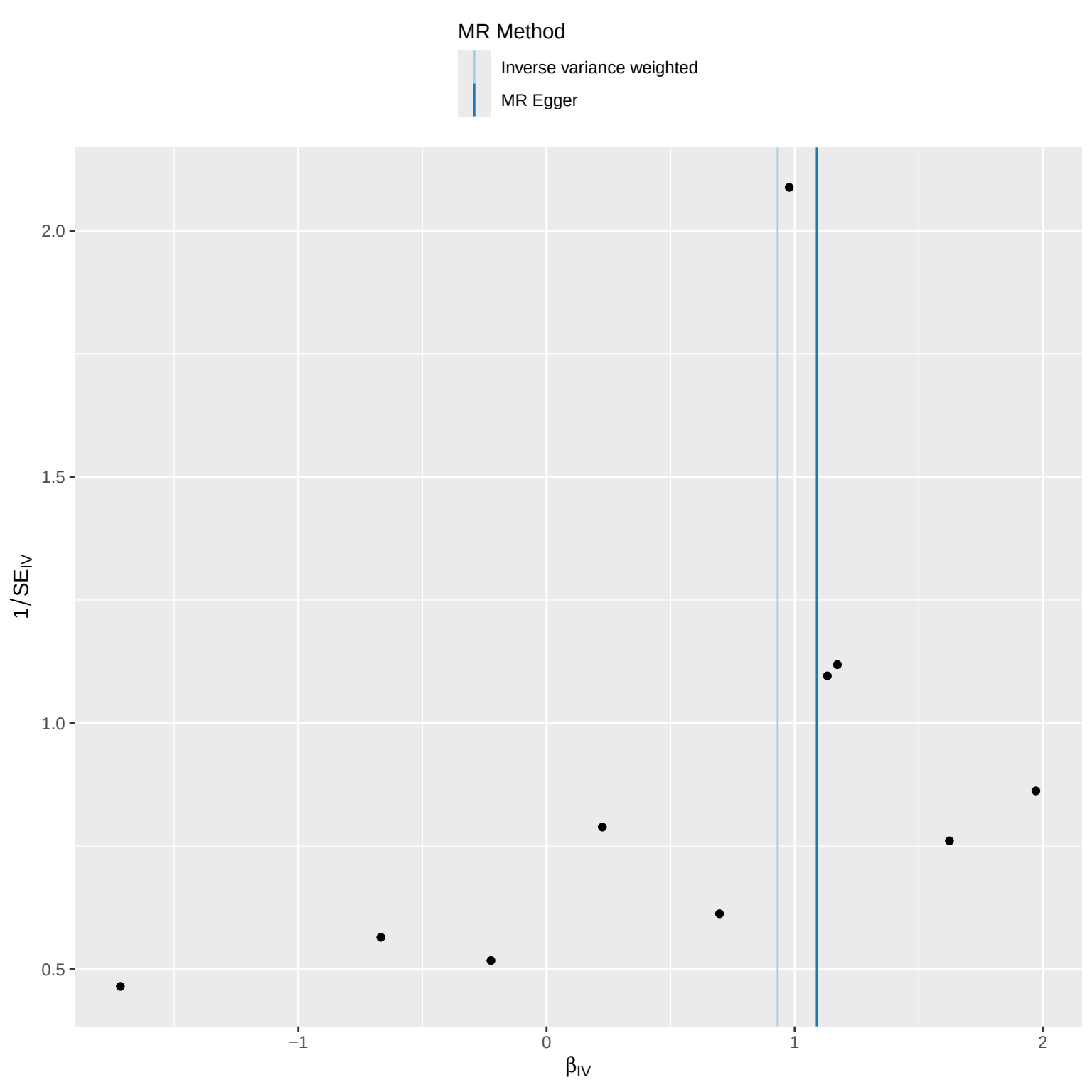

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
0
1
2
β_IV

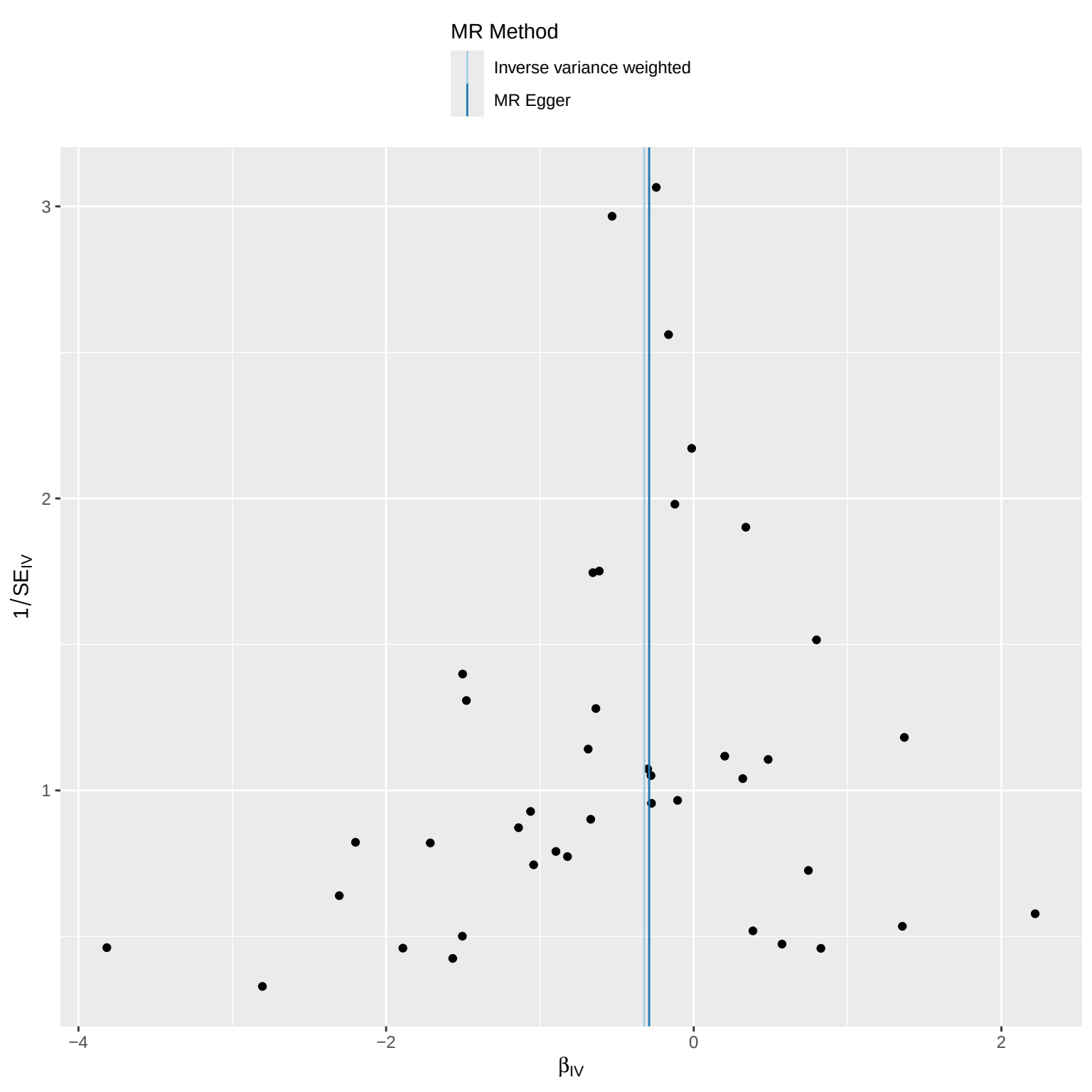

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

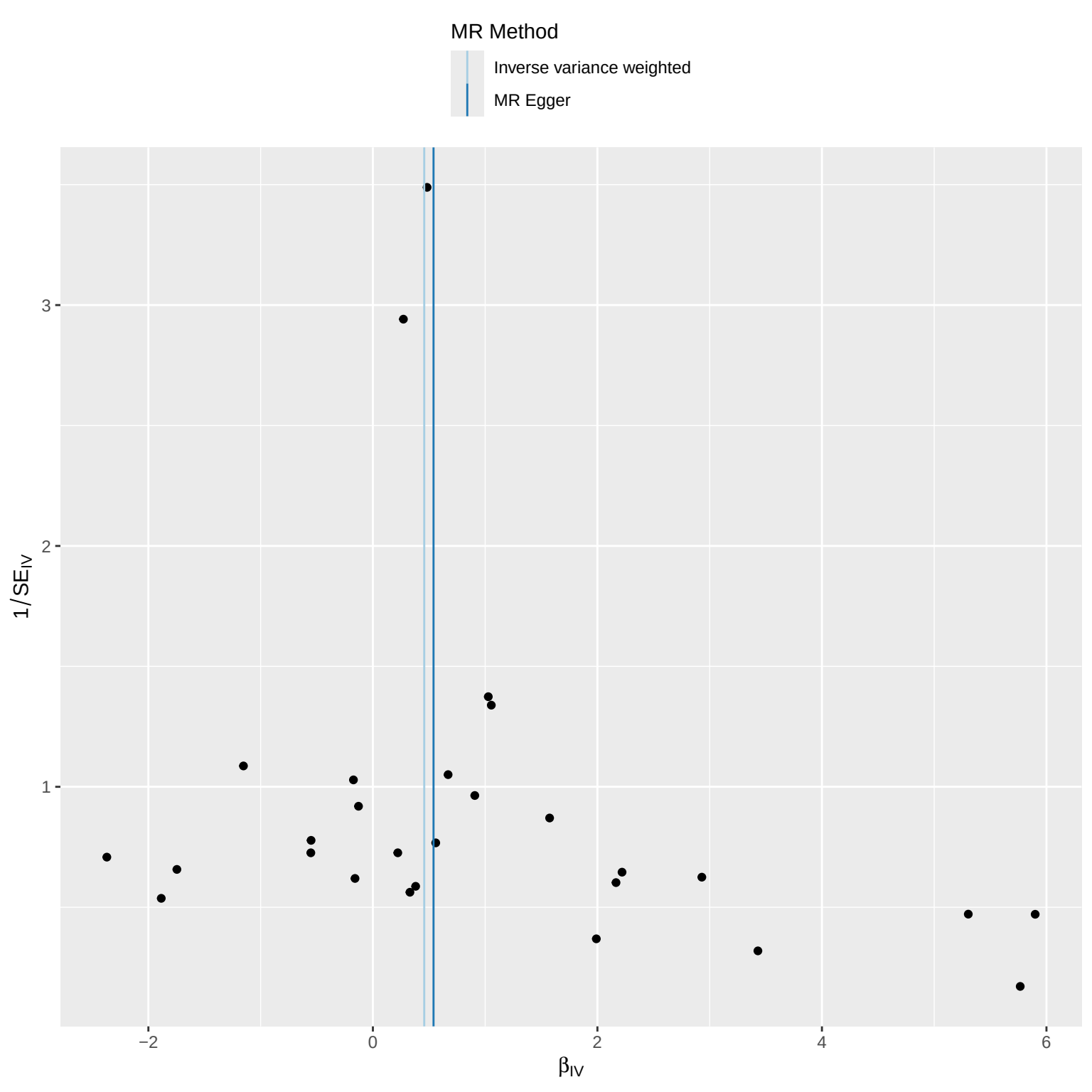

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0
1
2
β_IV

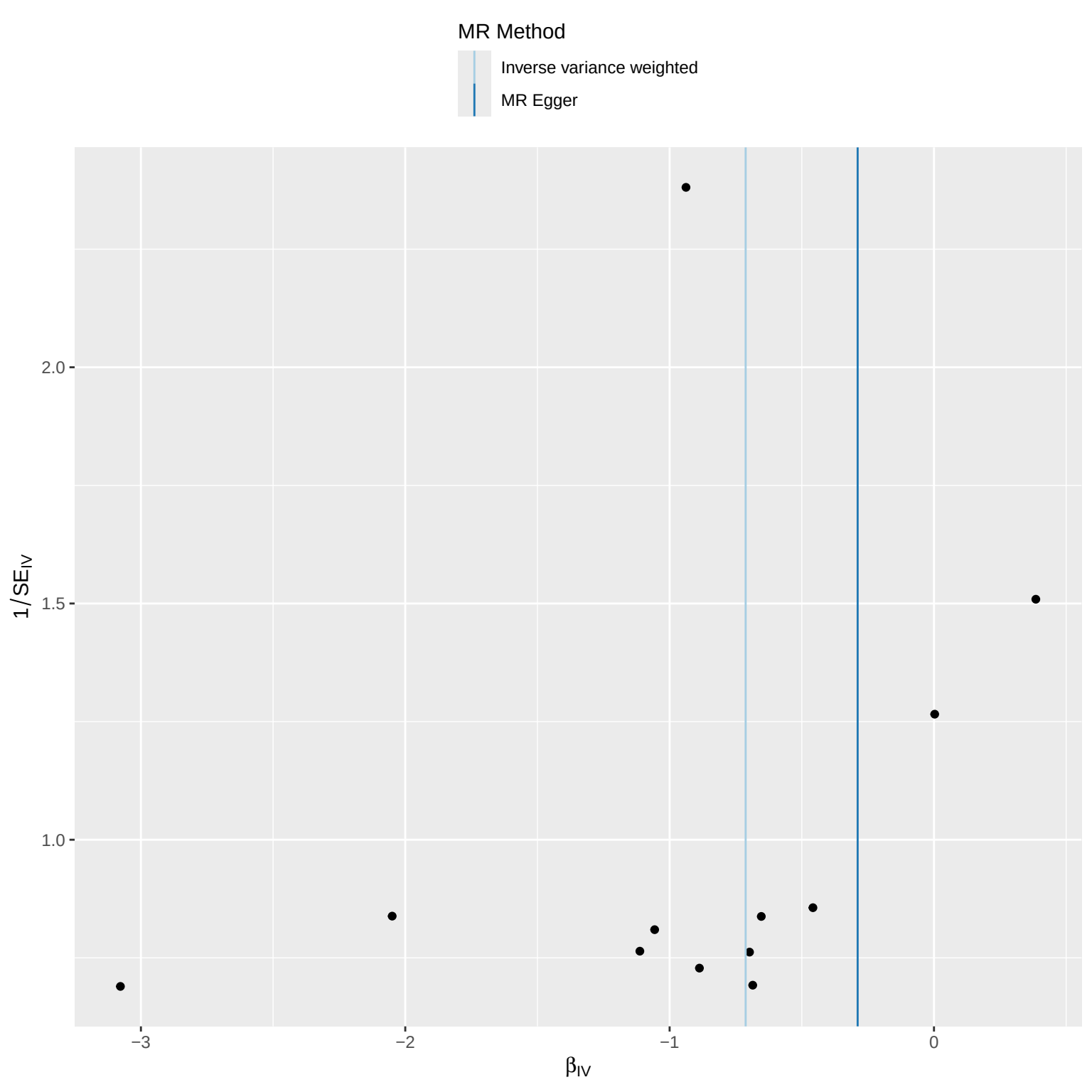

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

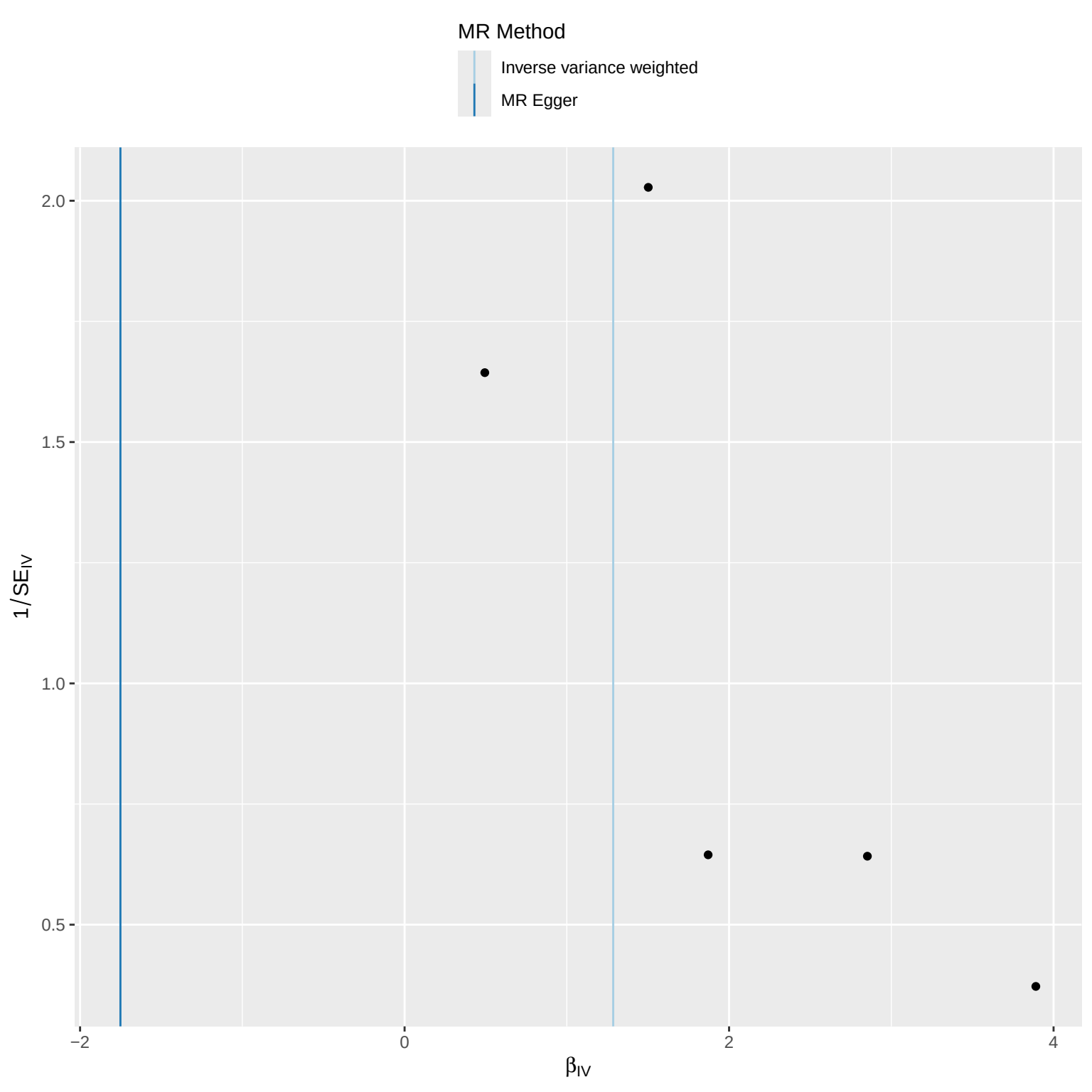

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

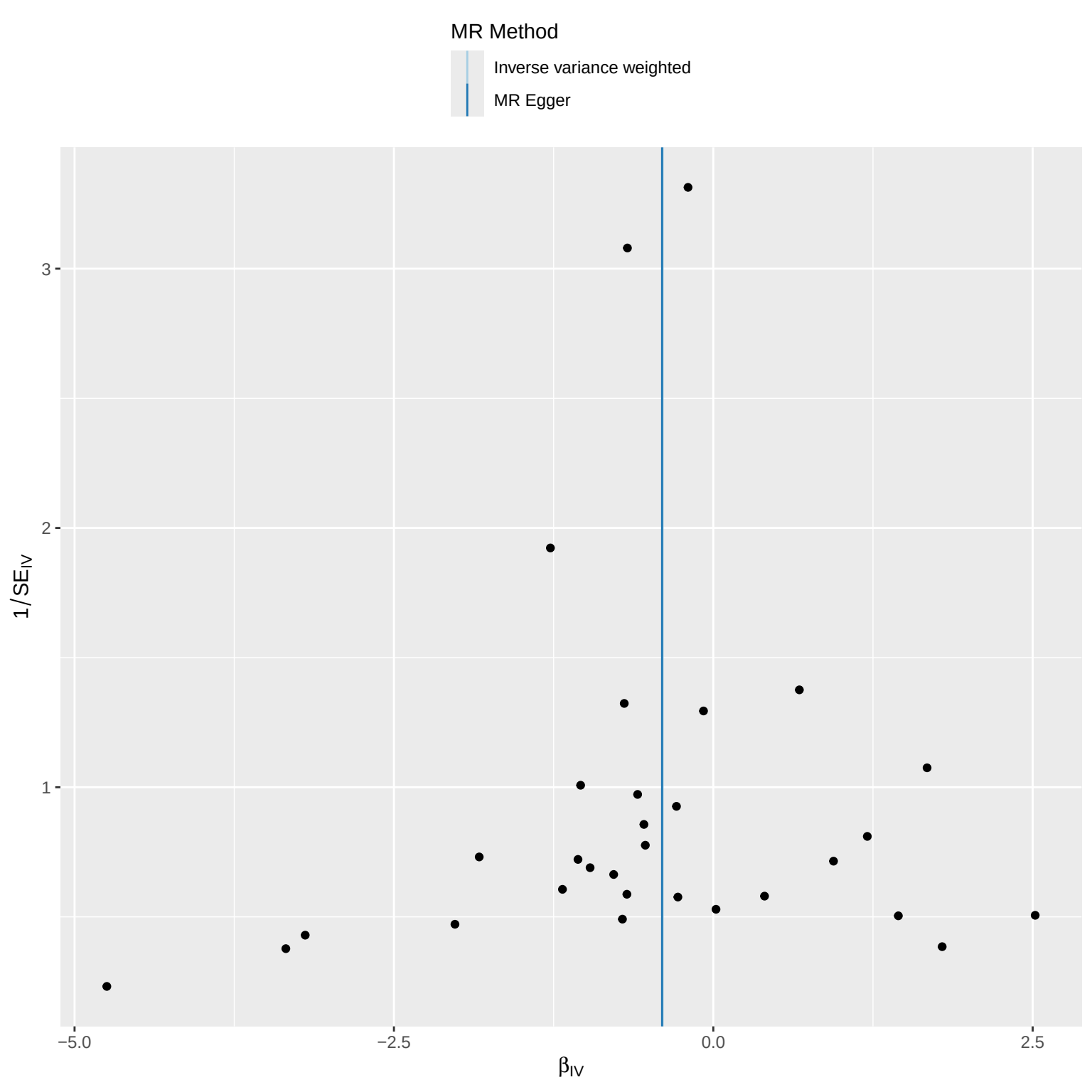

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

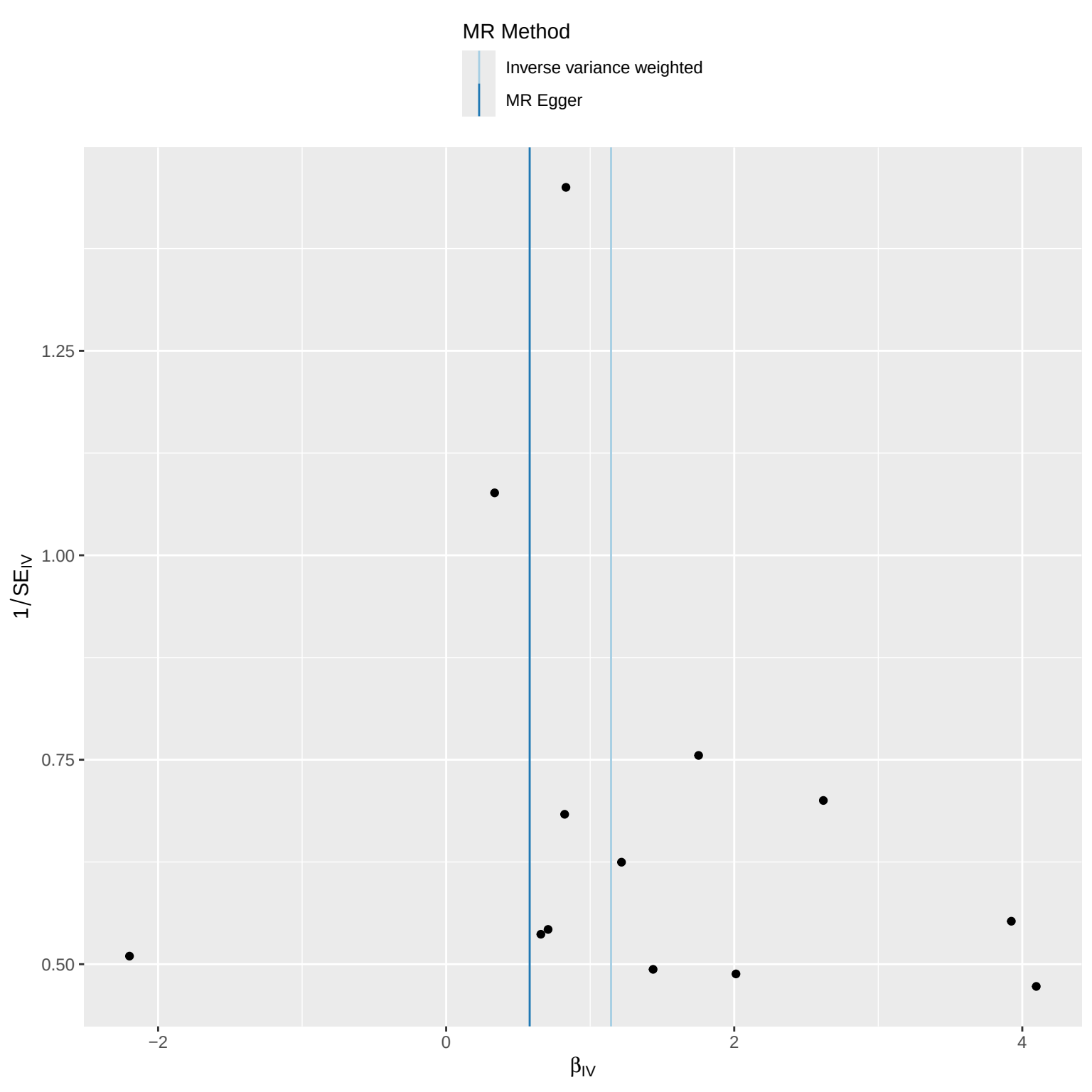

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

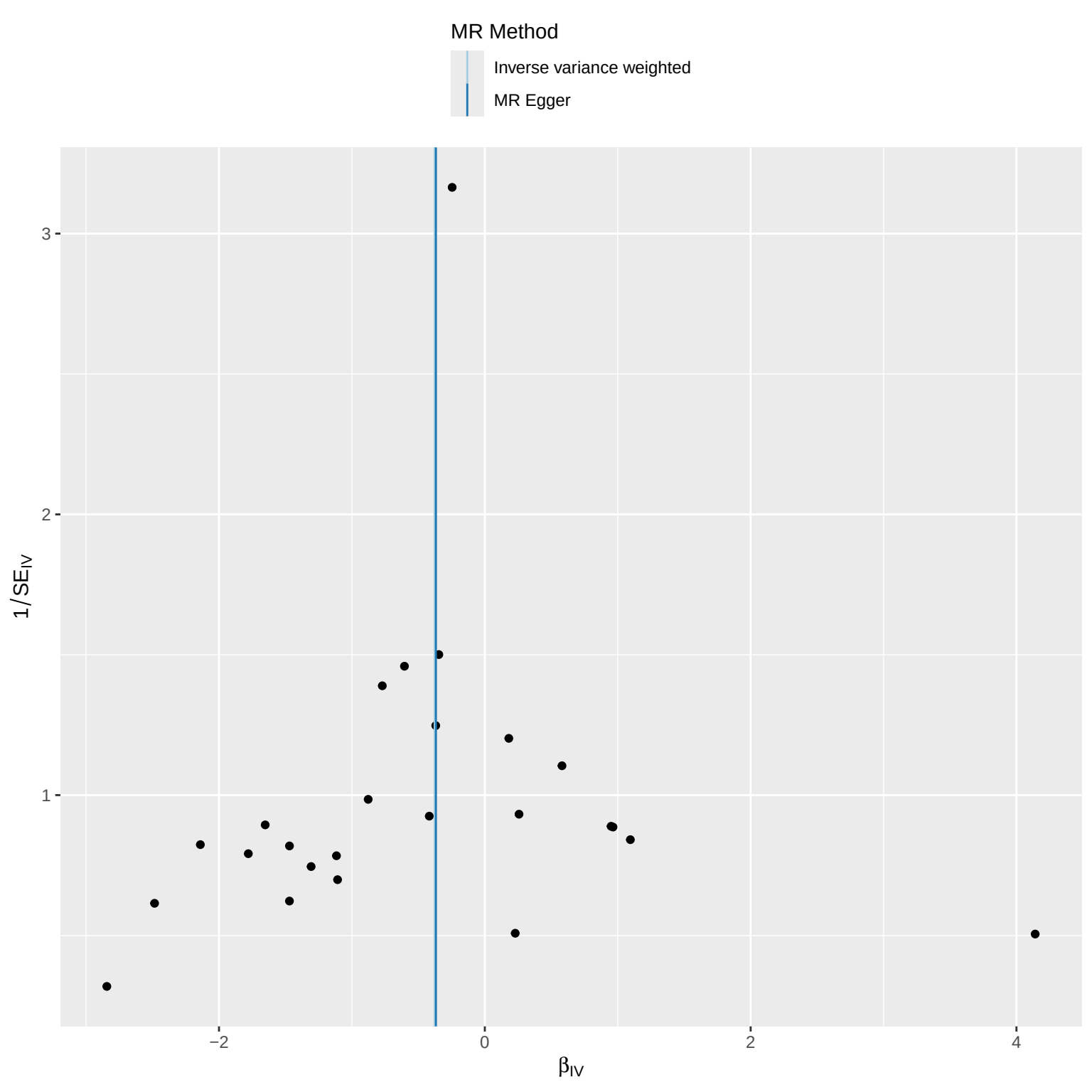

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

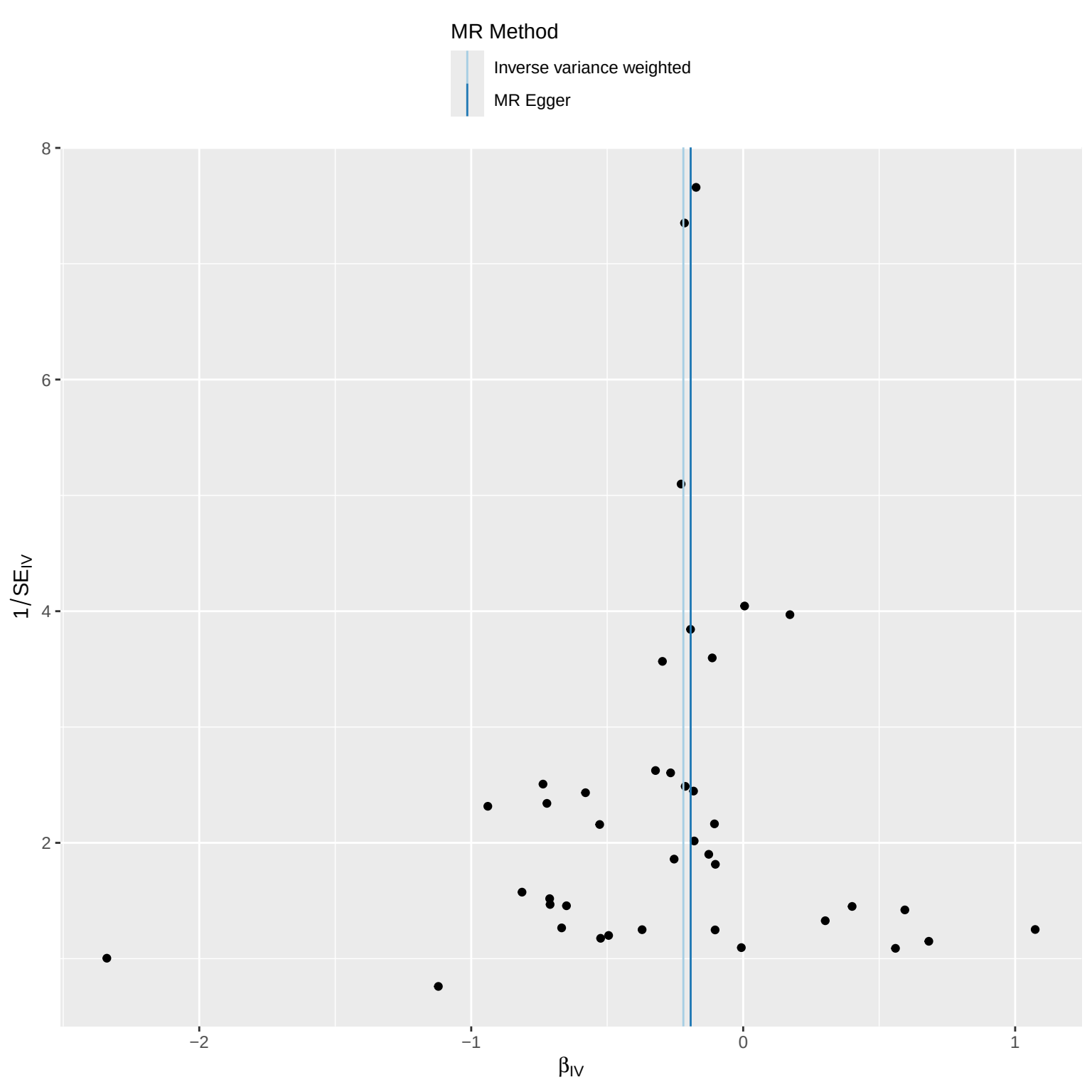

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

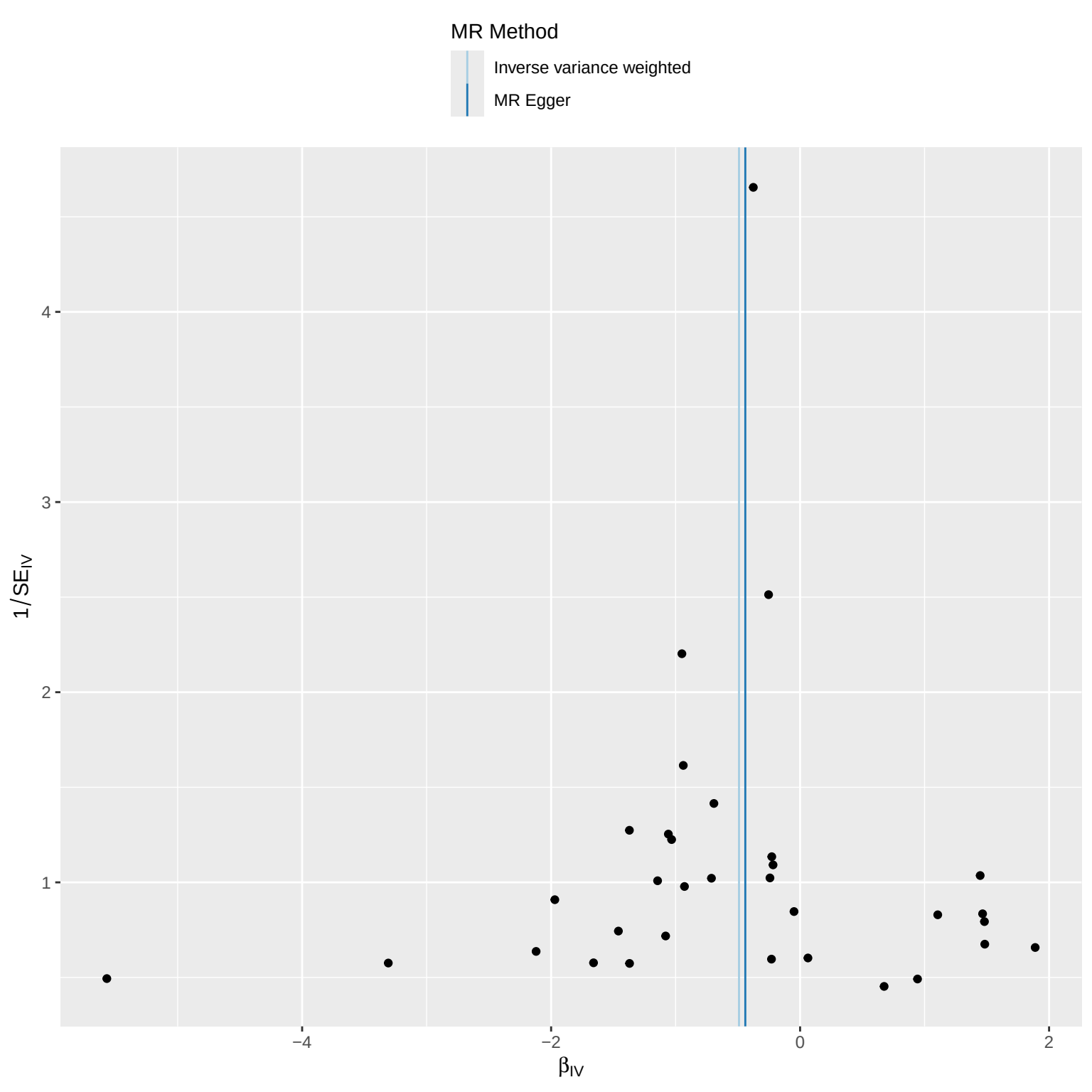

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

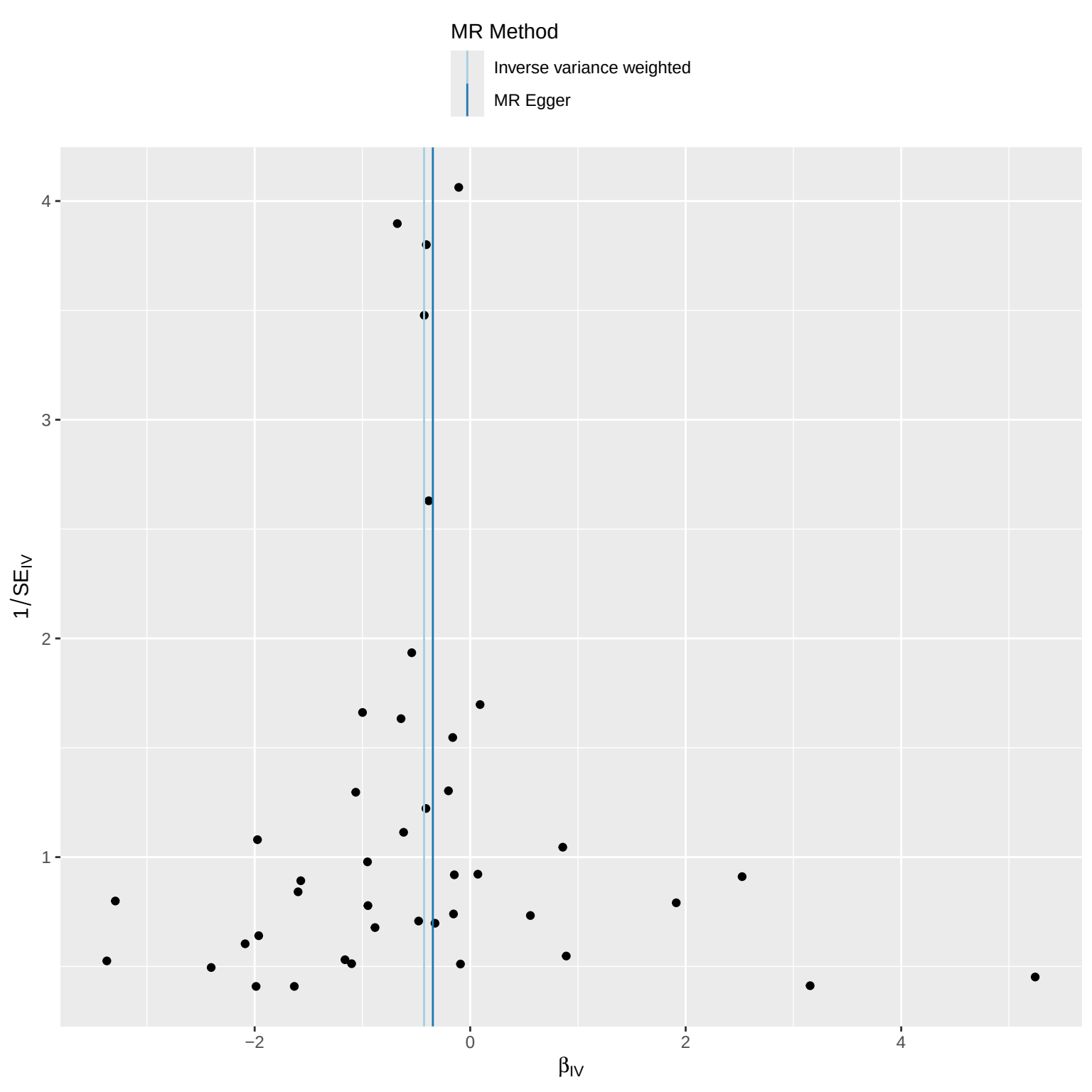

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

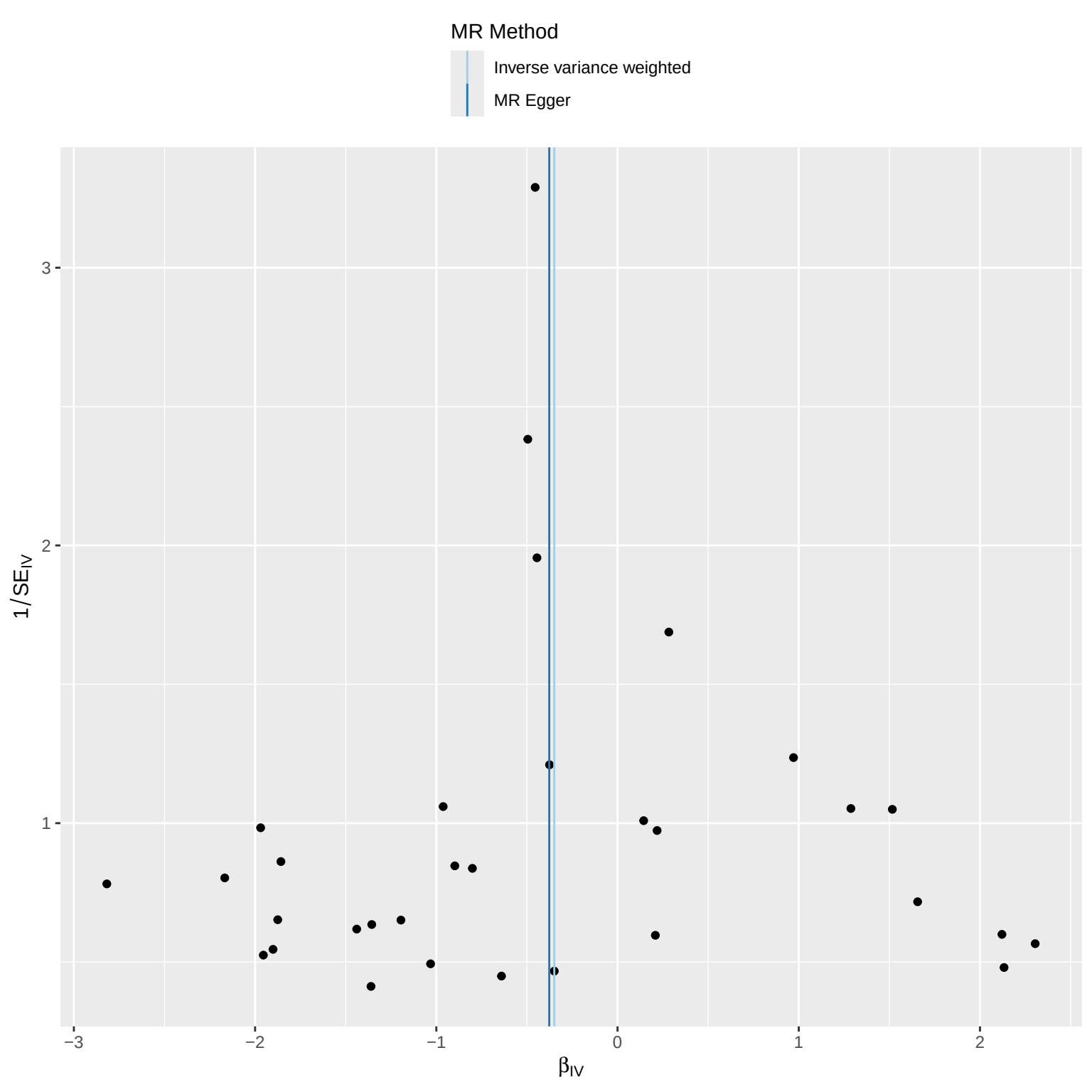

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
0
2
4
β_IV

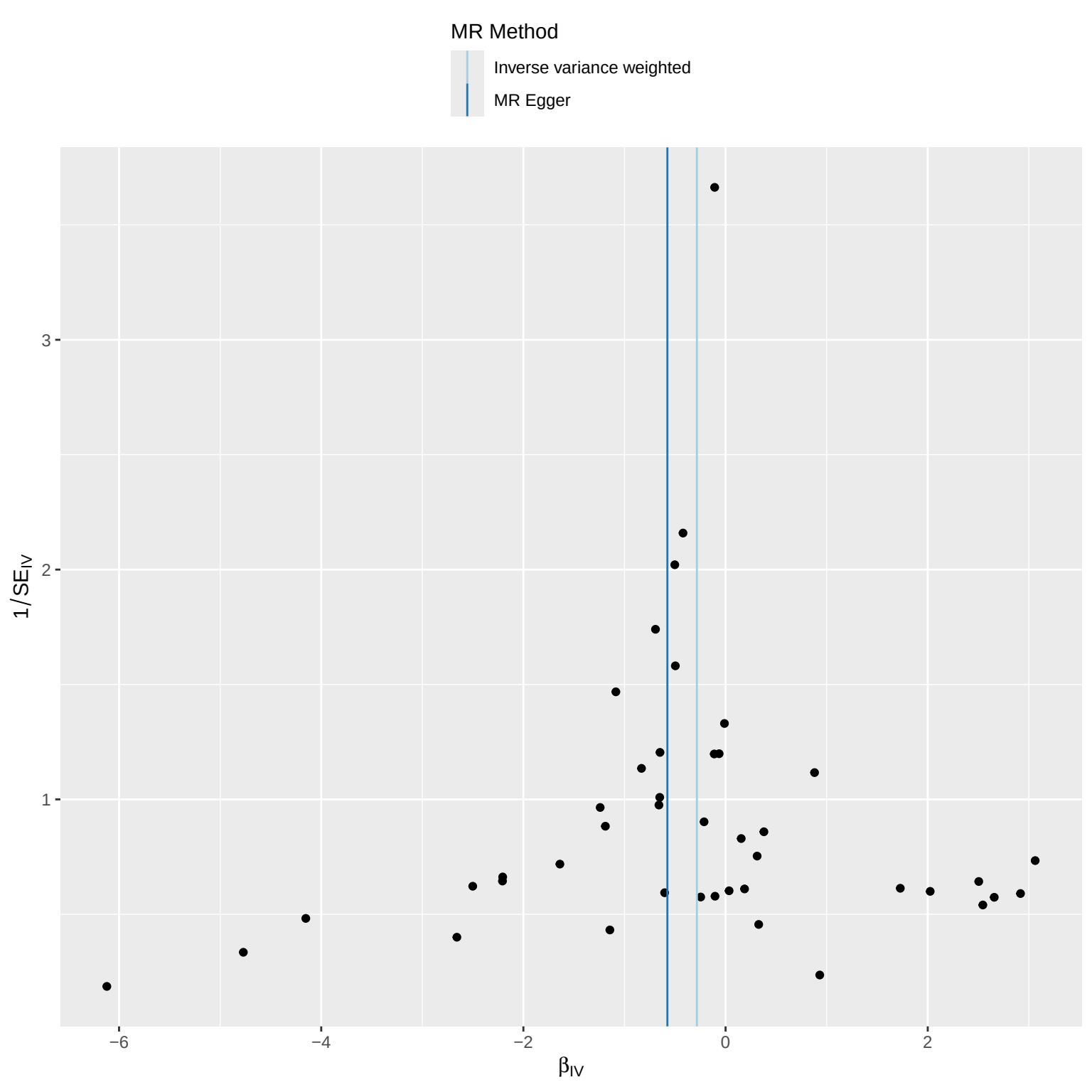

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

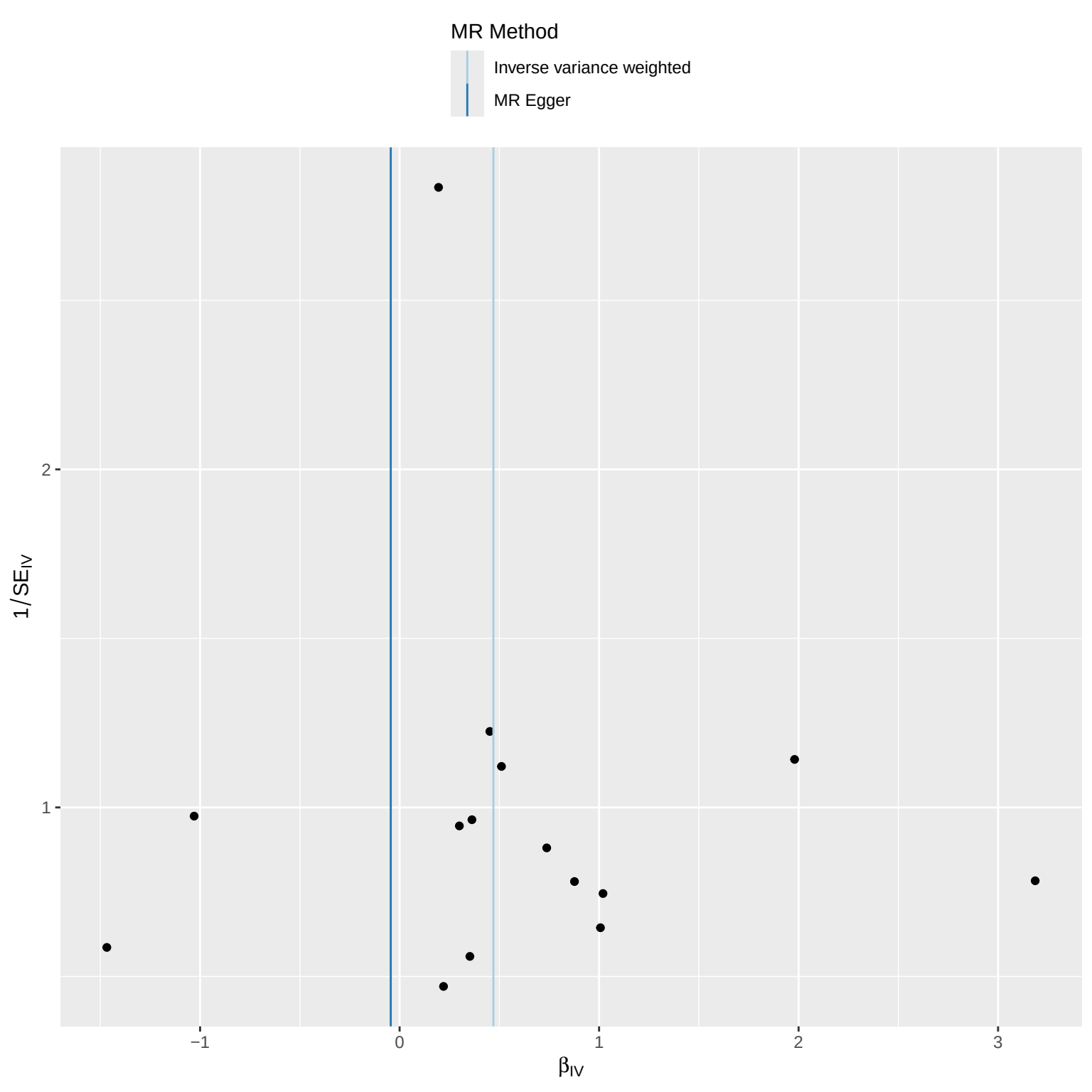

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

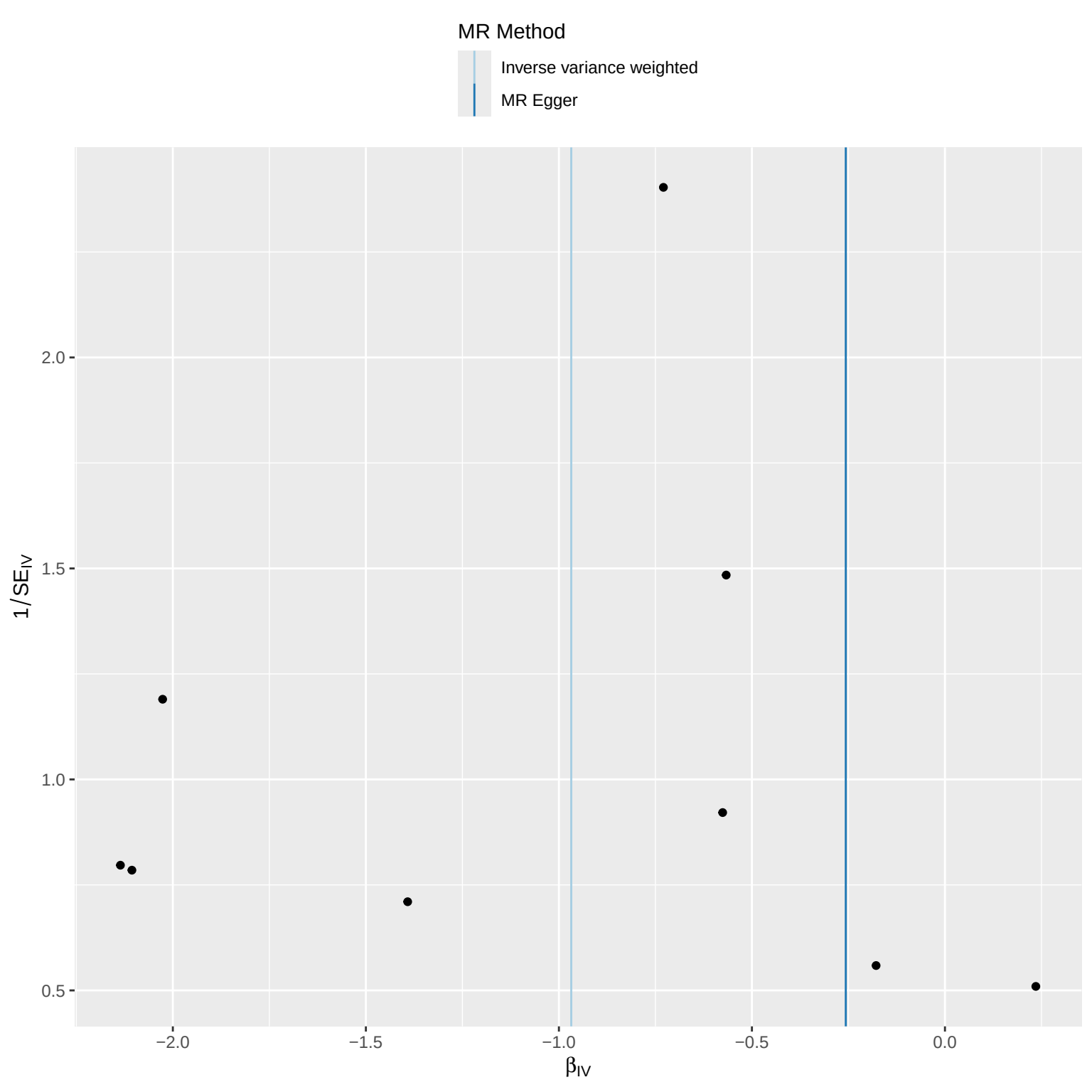

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

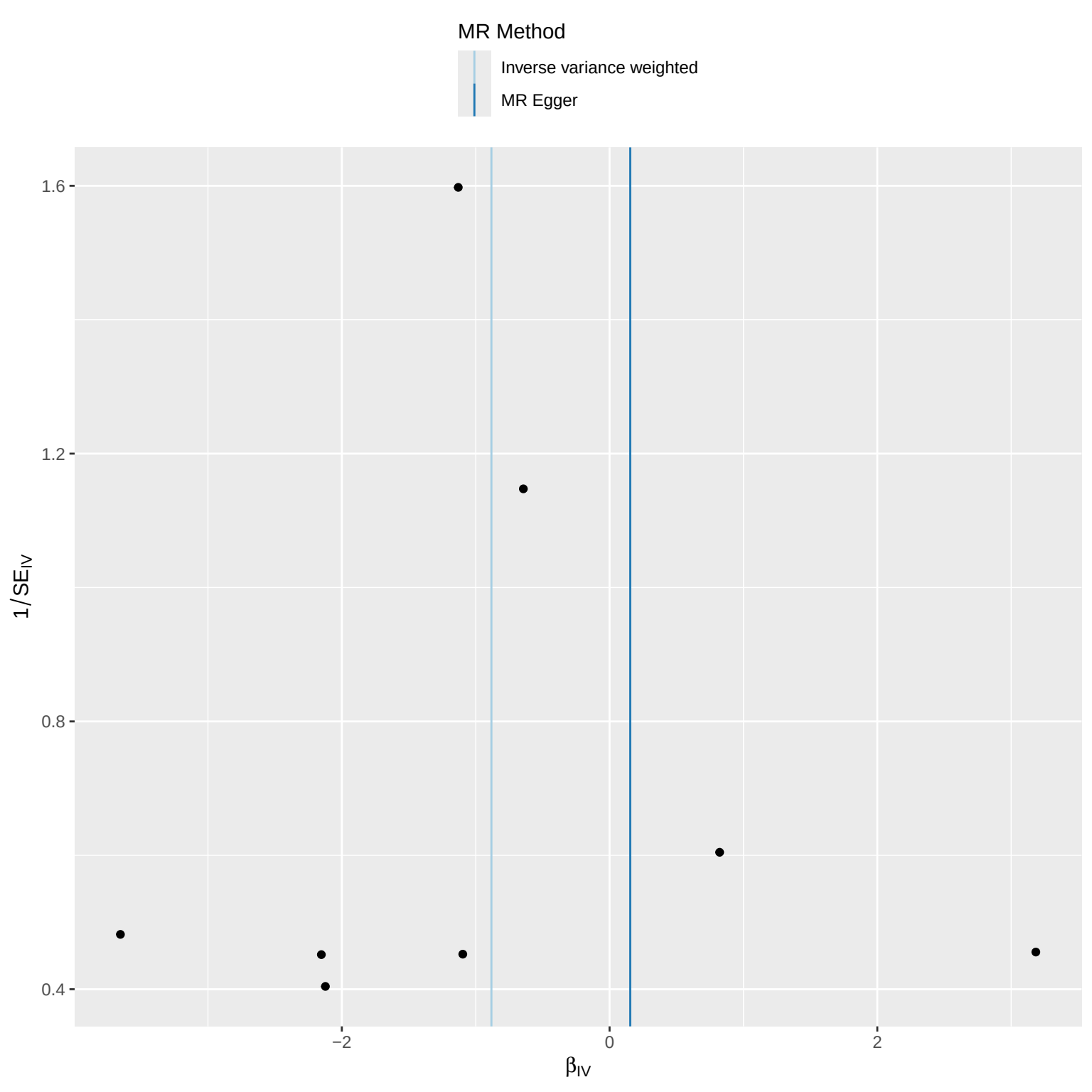

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

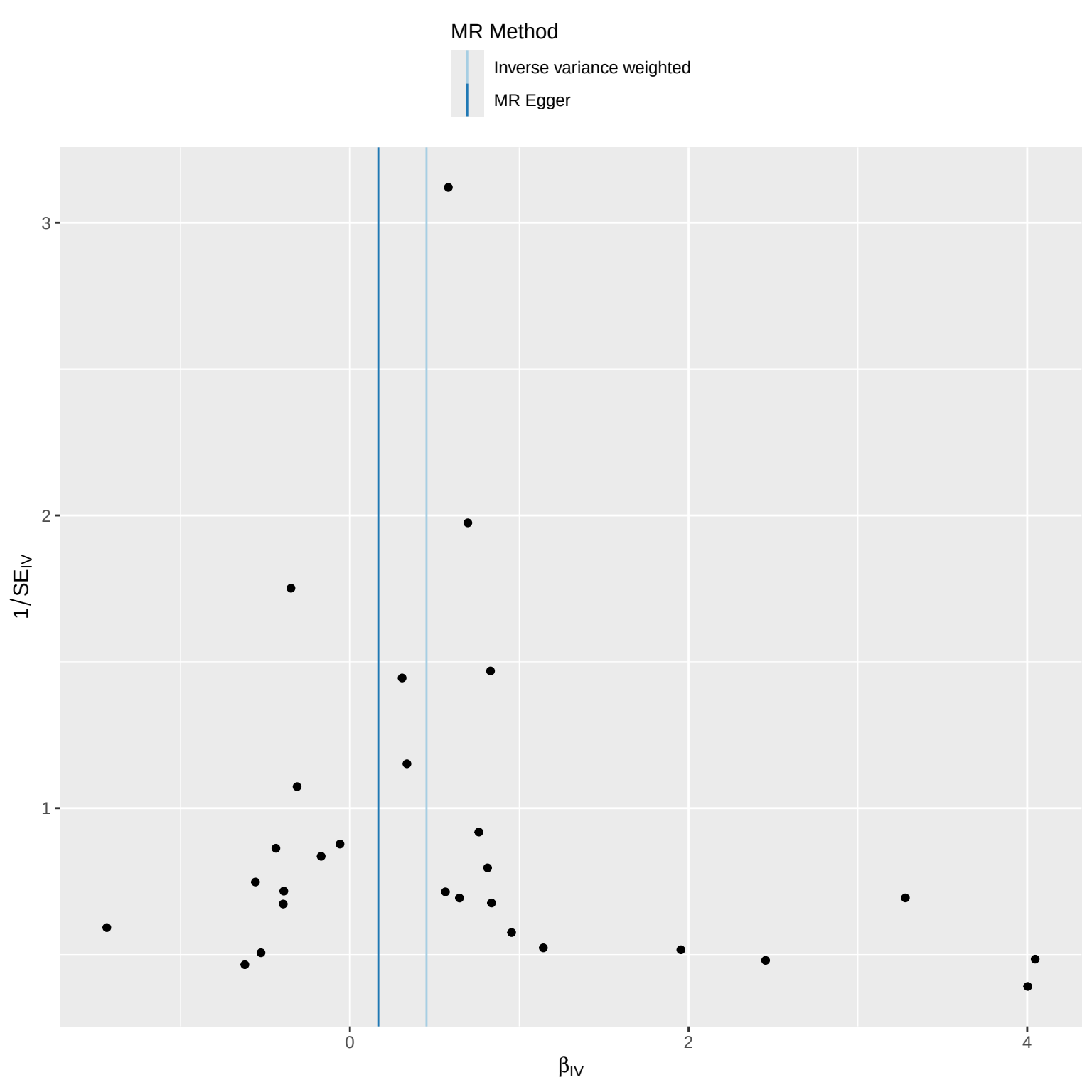

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

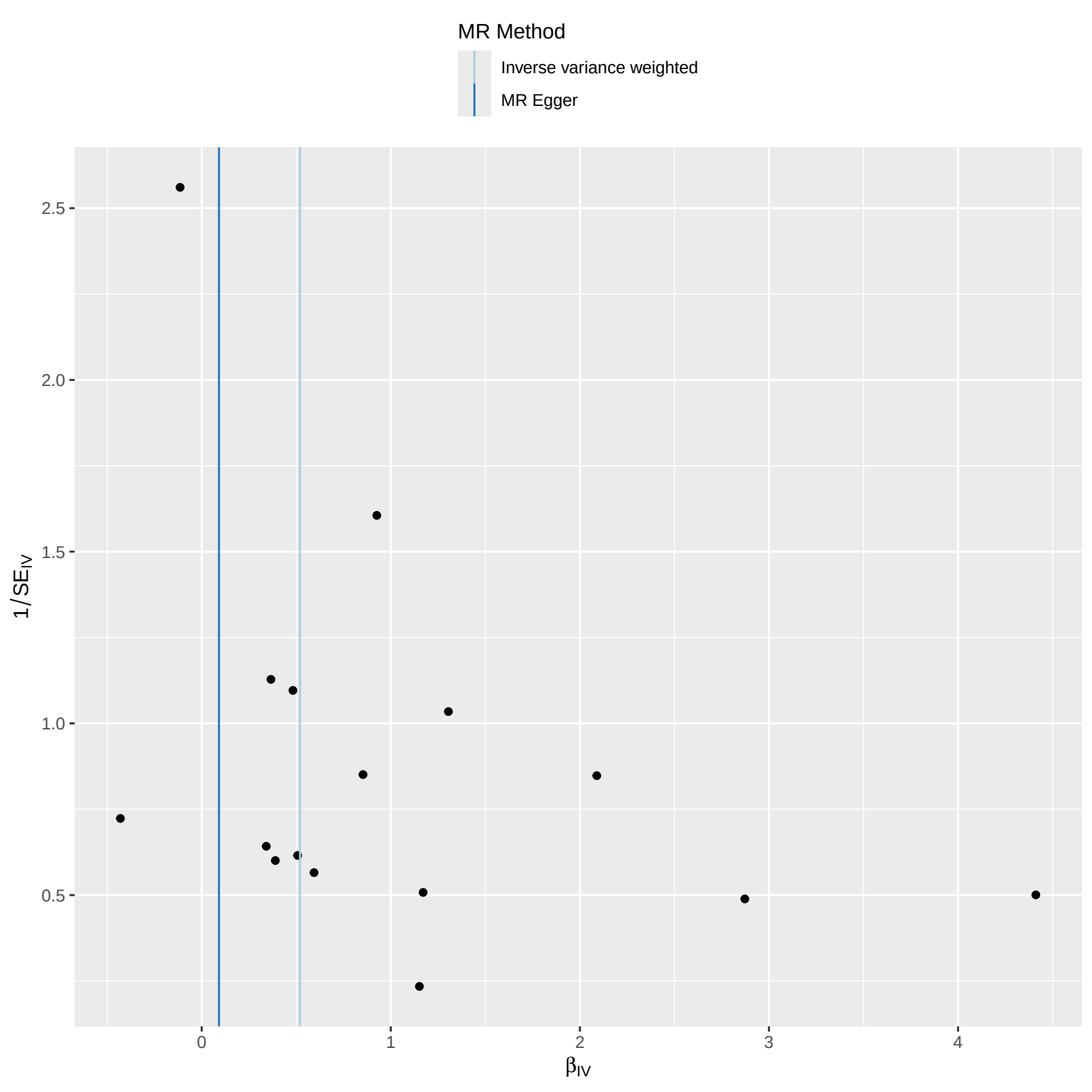

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

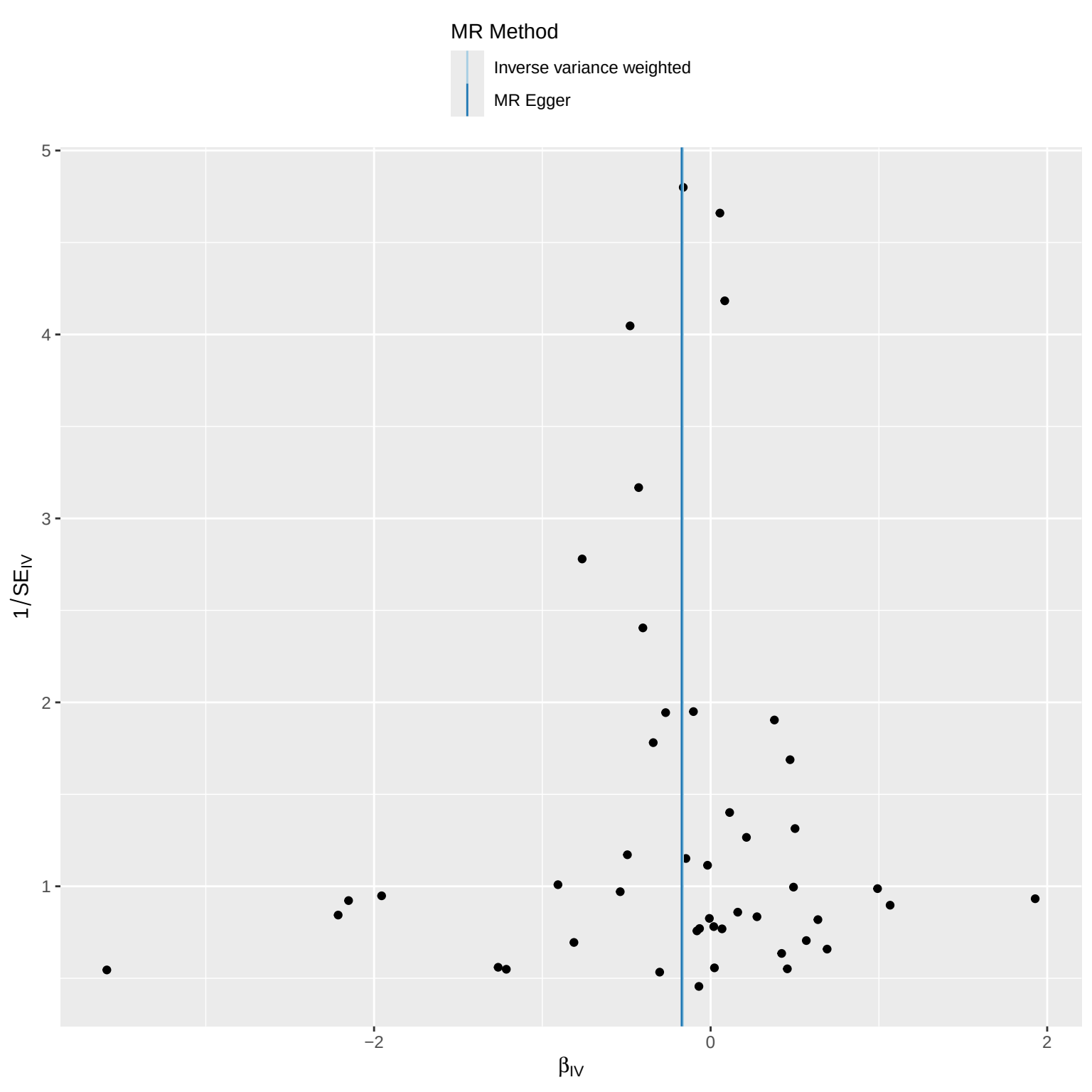

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

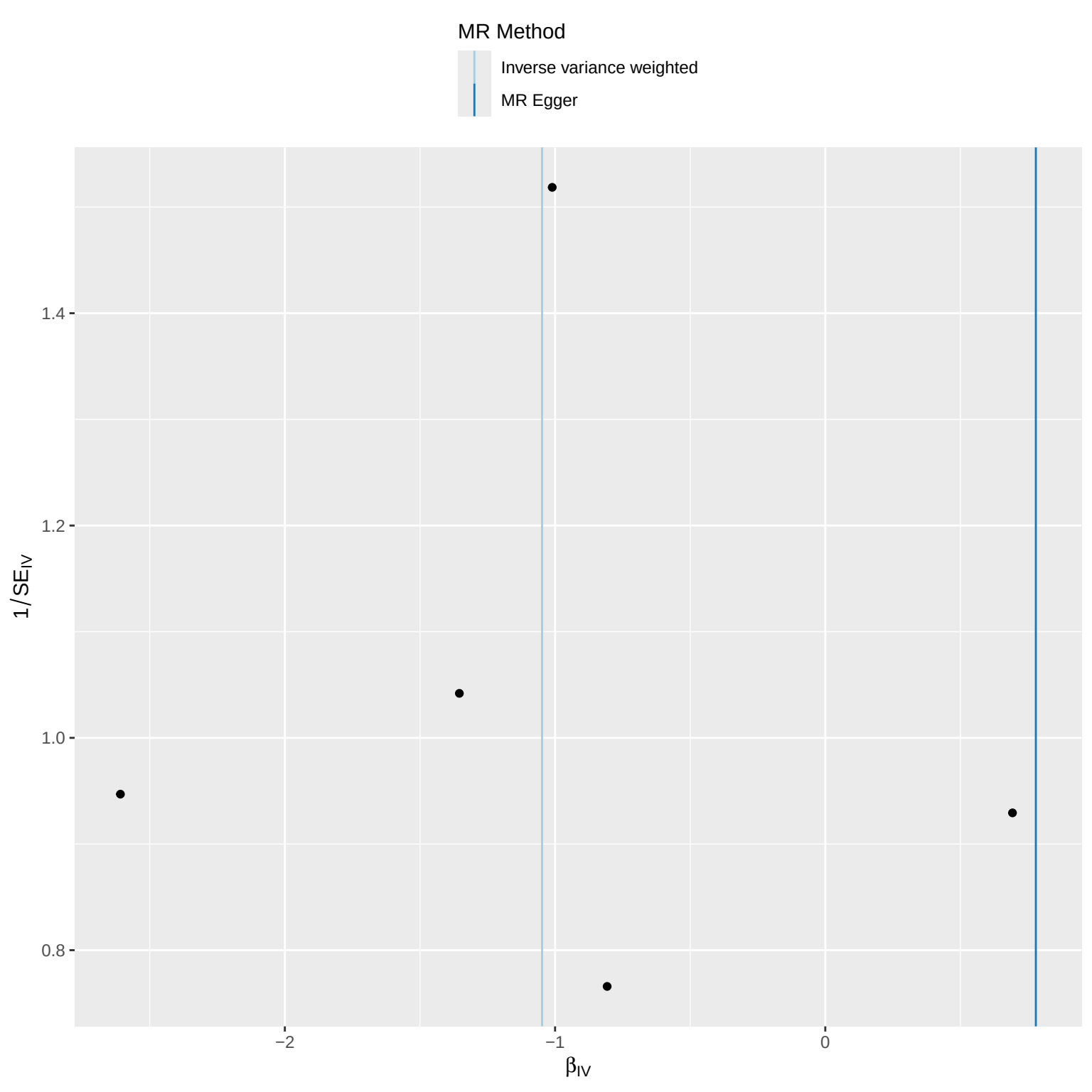

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

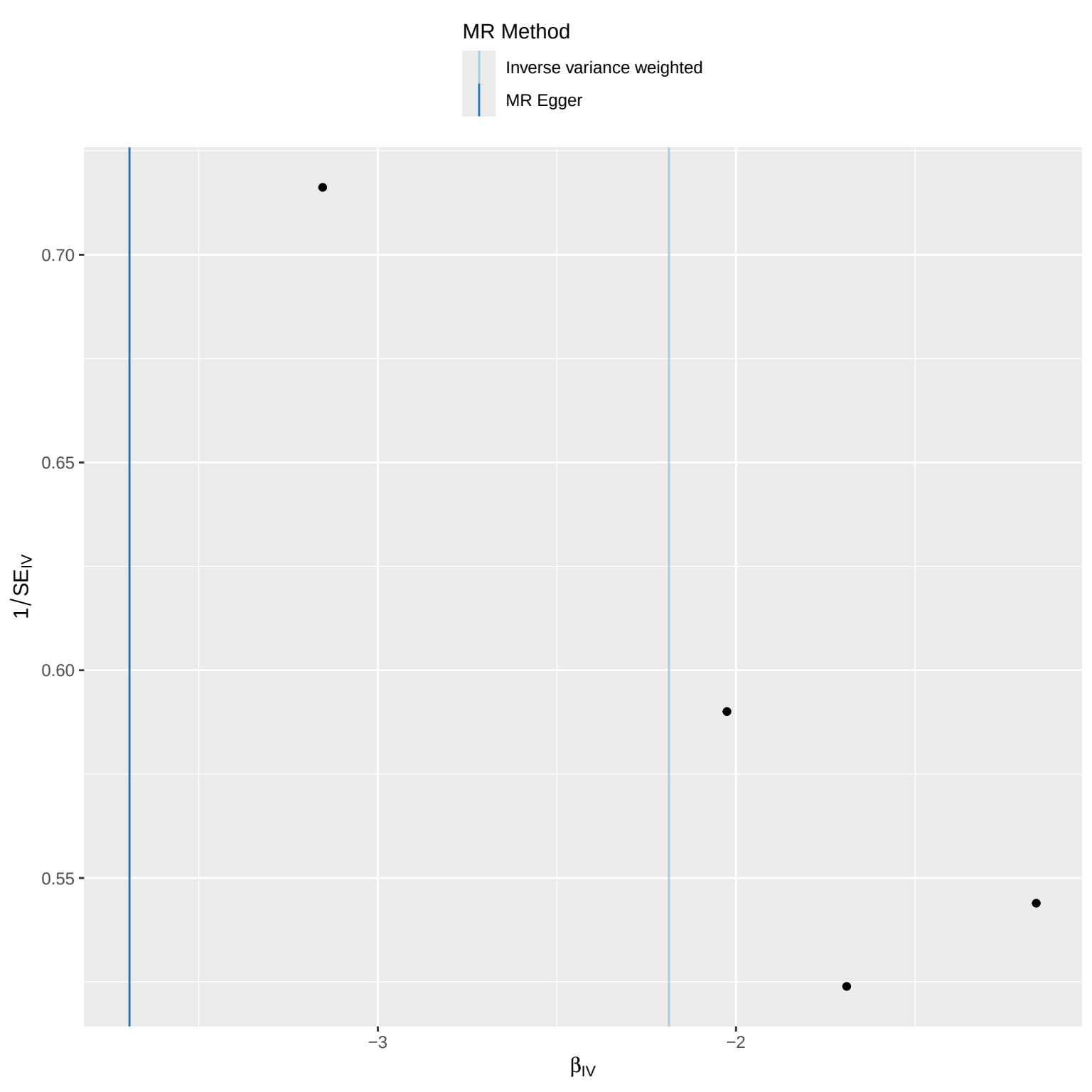

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
β_IV

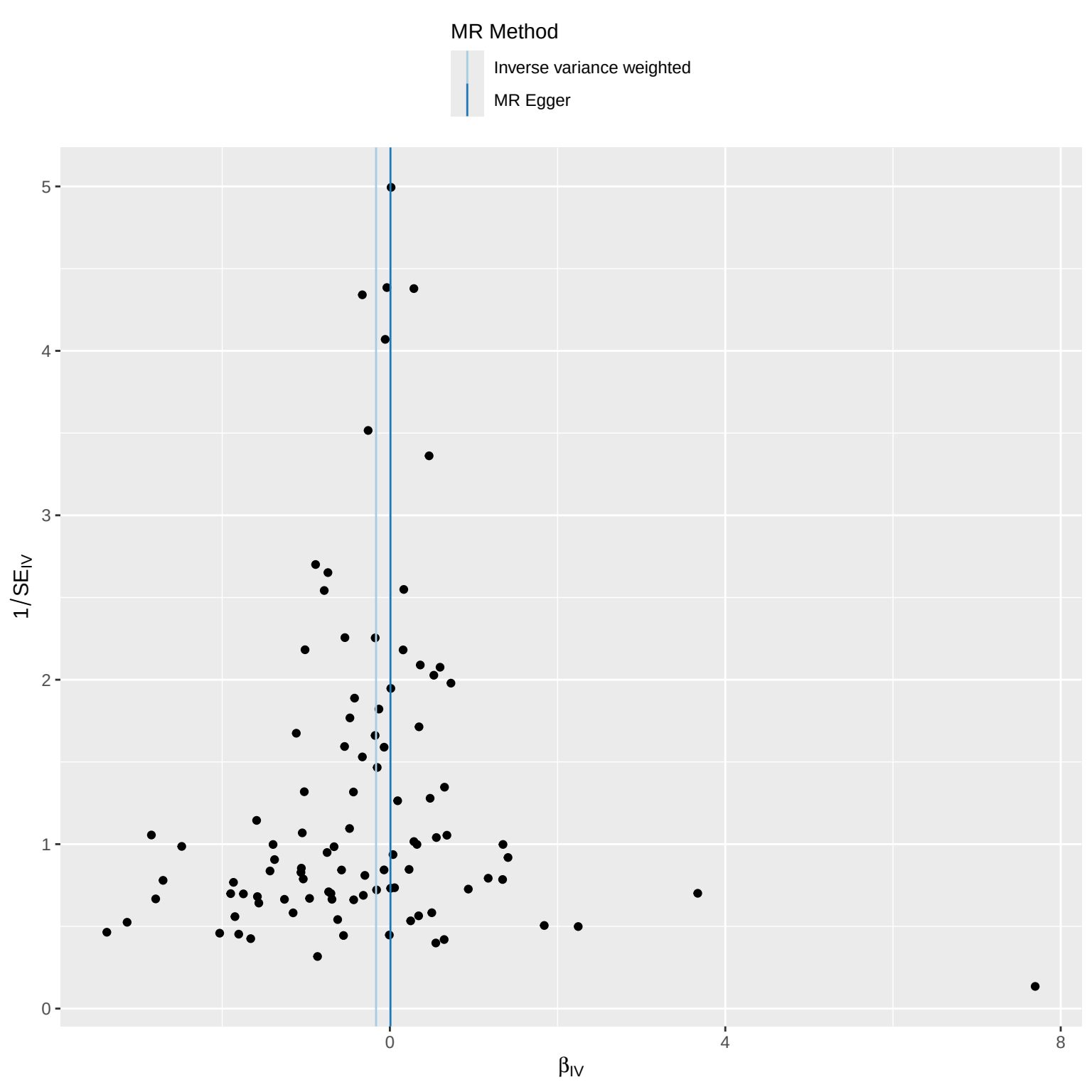

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
2
4
1/SE_IV
β_IV

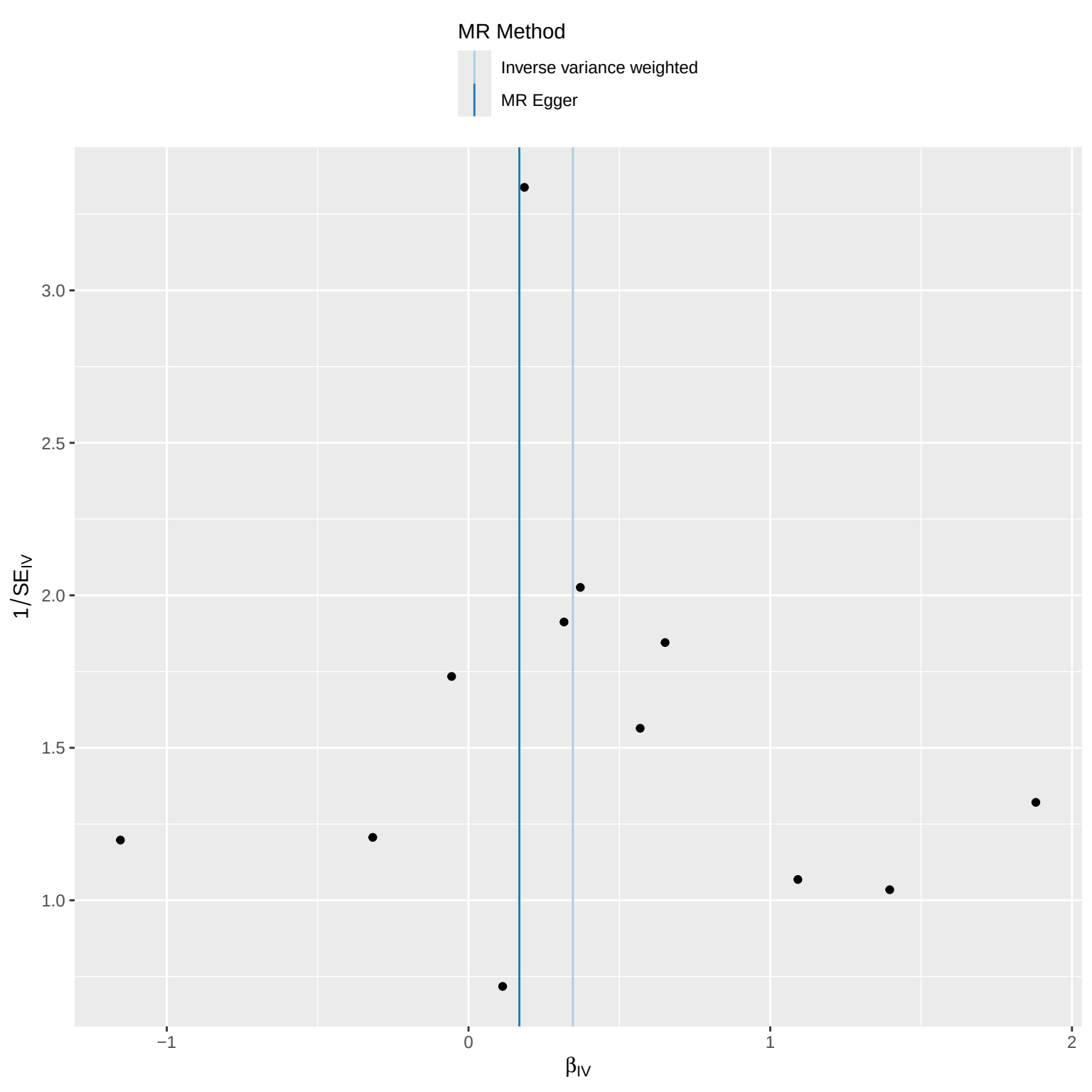

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
β_IV

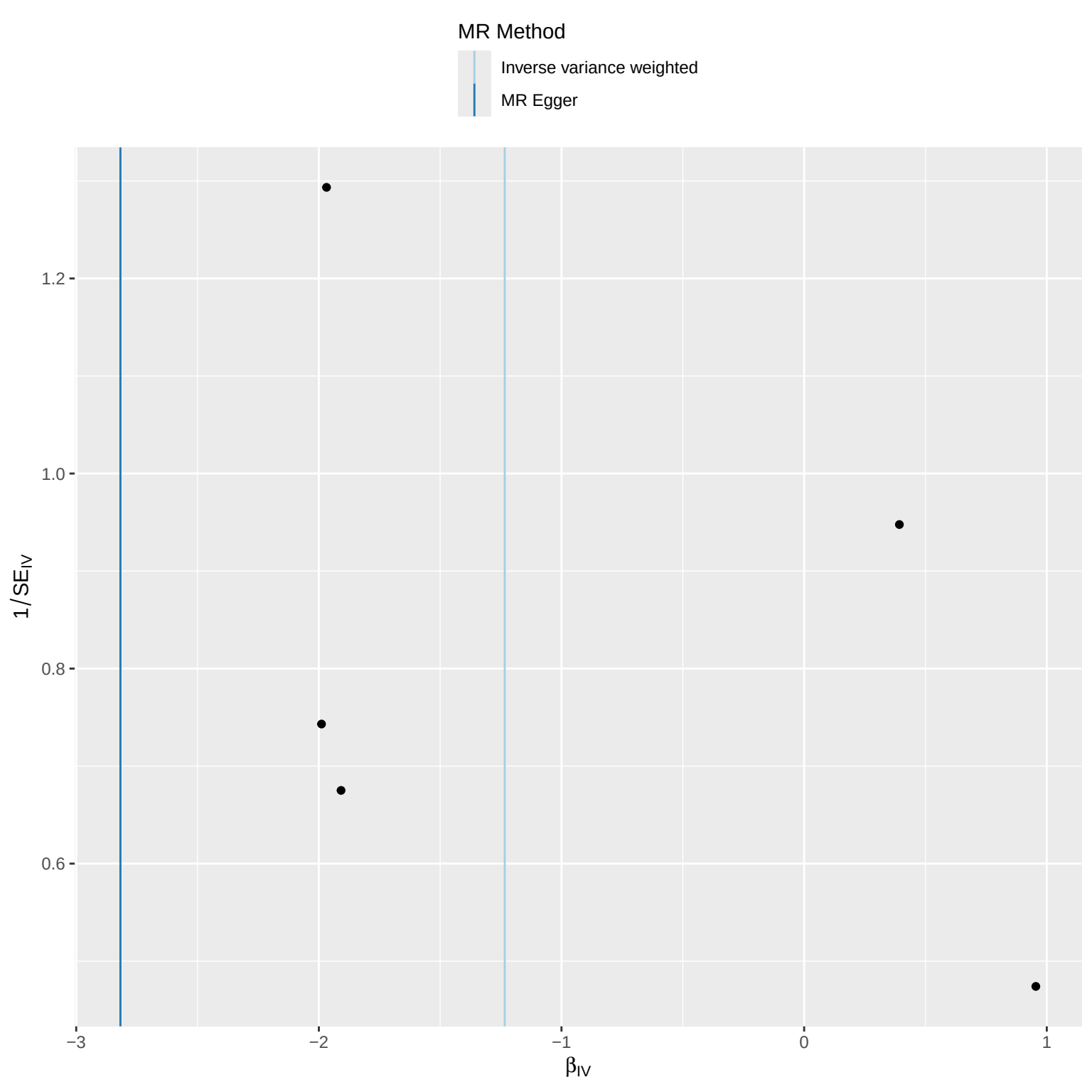

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

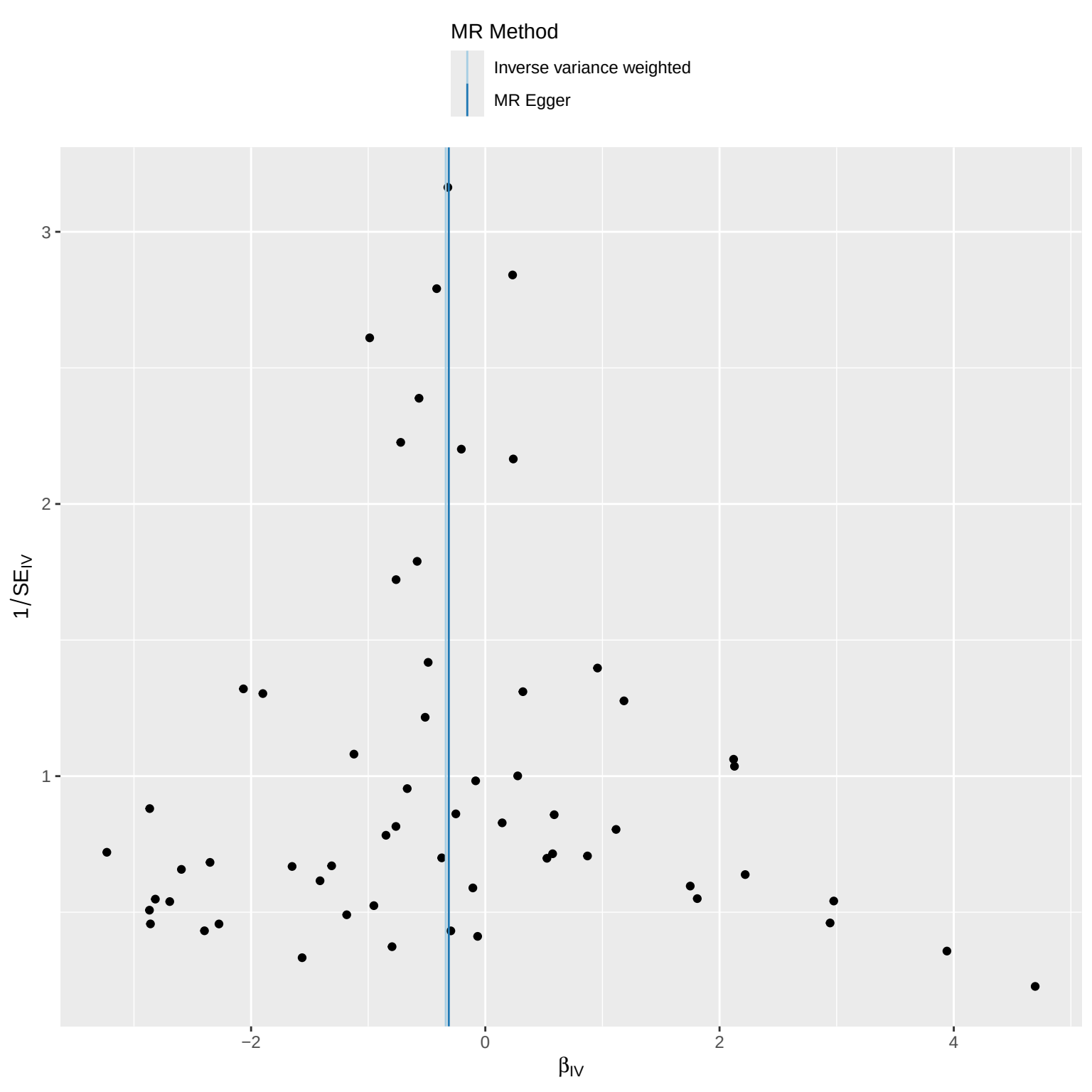

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
−2
−1
0
β_IV

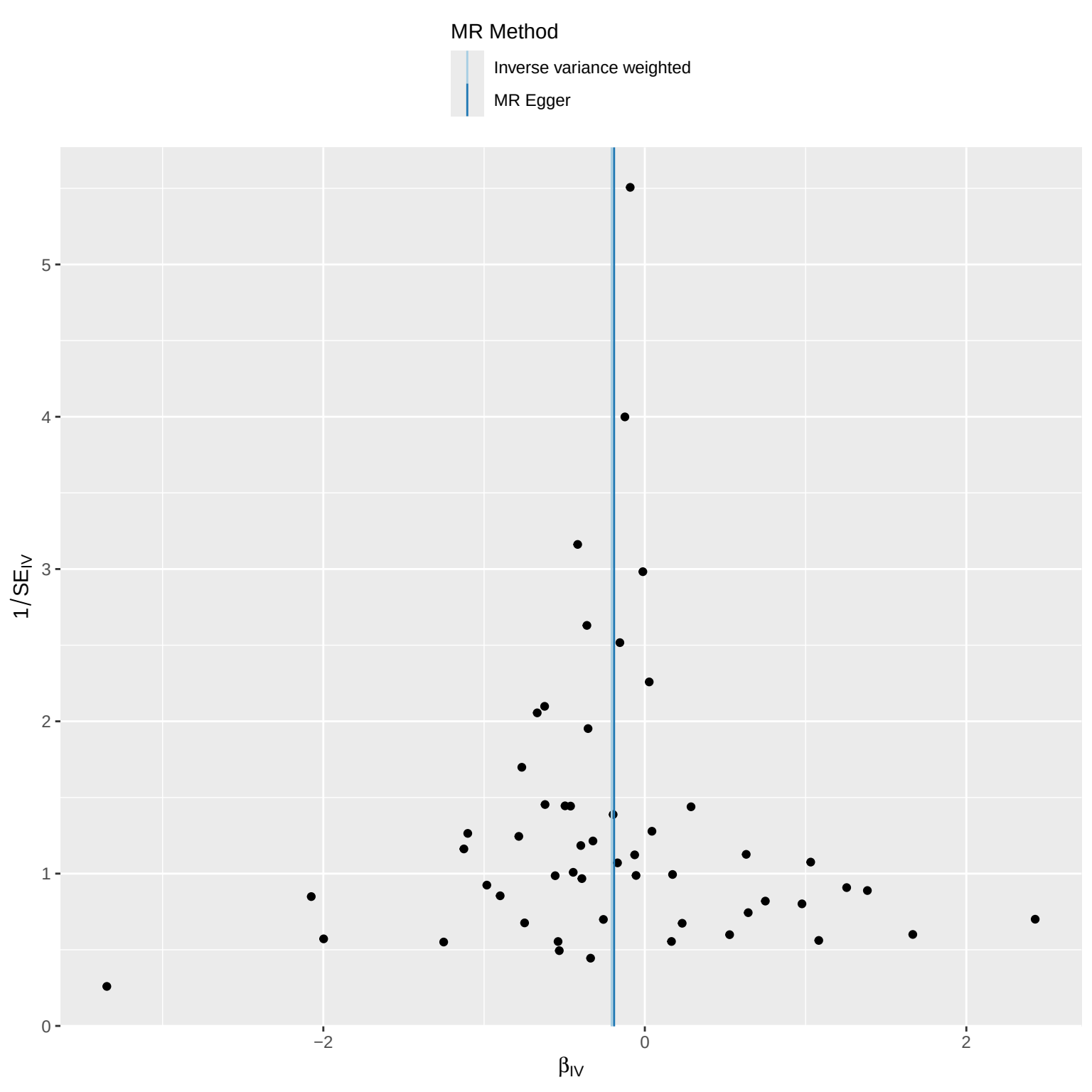

MR Method
Inverse variance weighted
MR Egger
0.70
0.65
0.60
0.55
1/SE_IV
−3
−2
β_IV

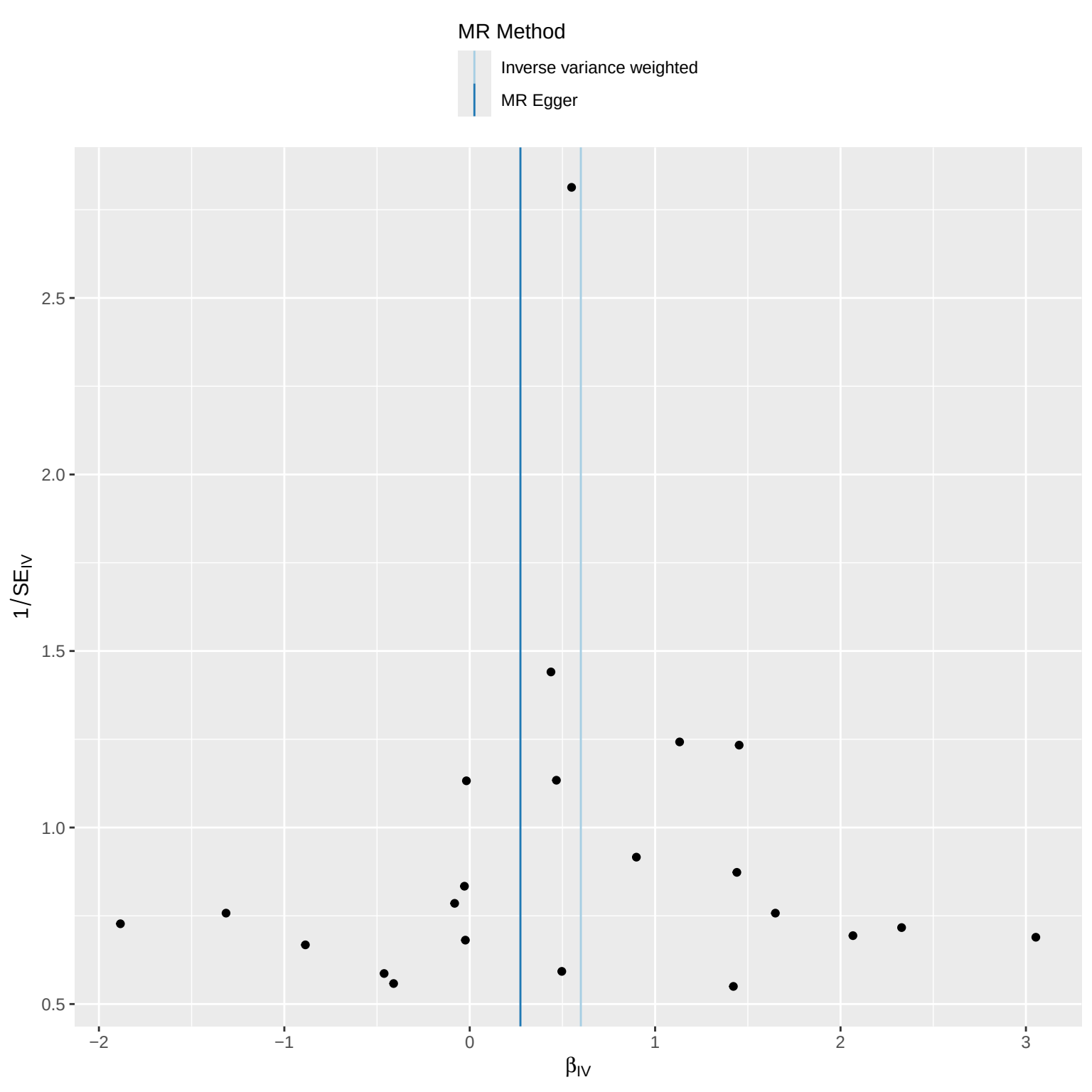

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
0
4
8
β_IV

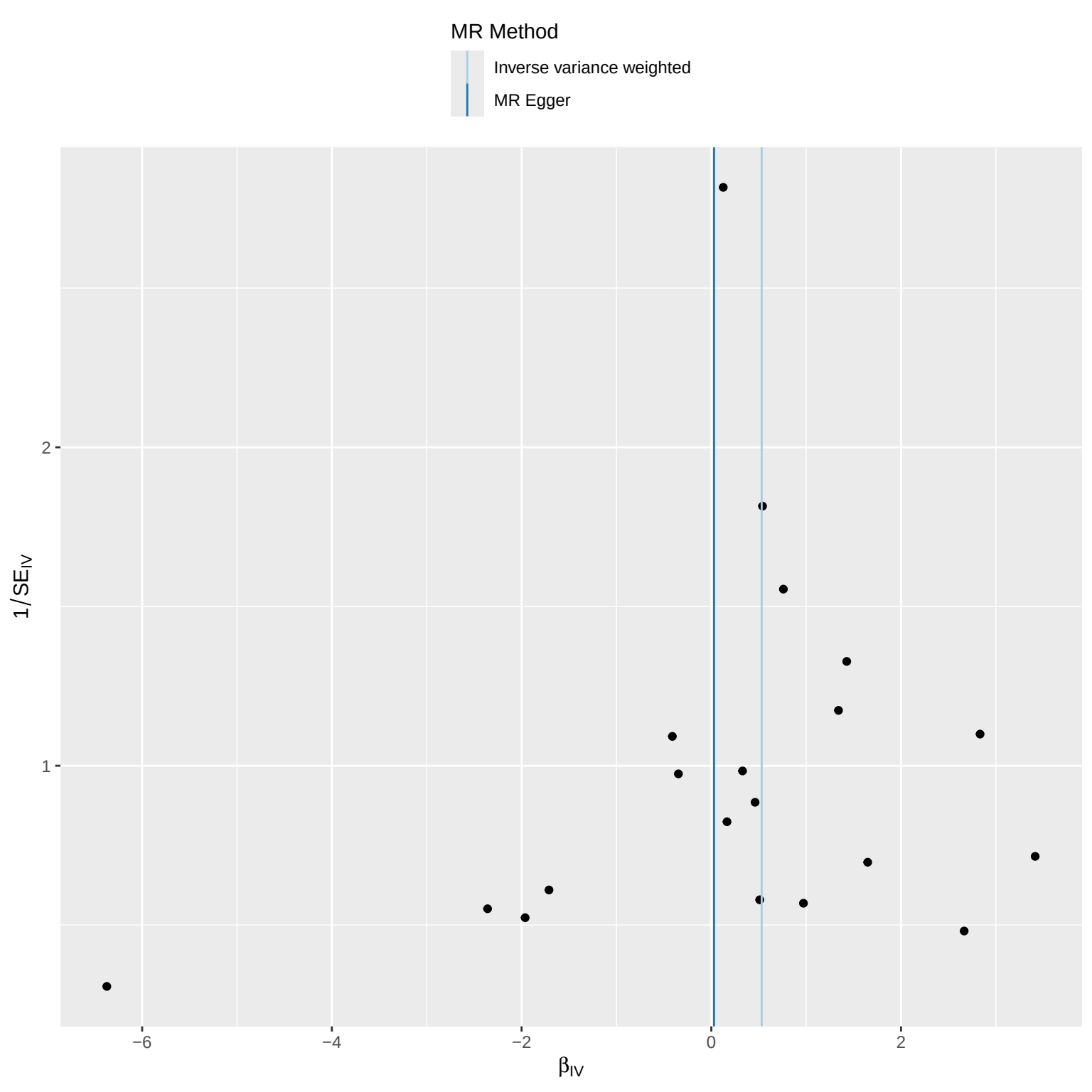

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

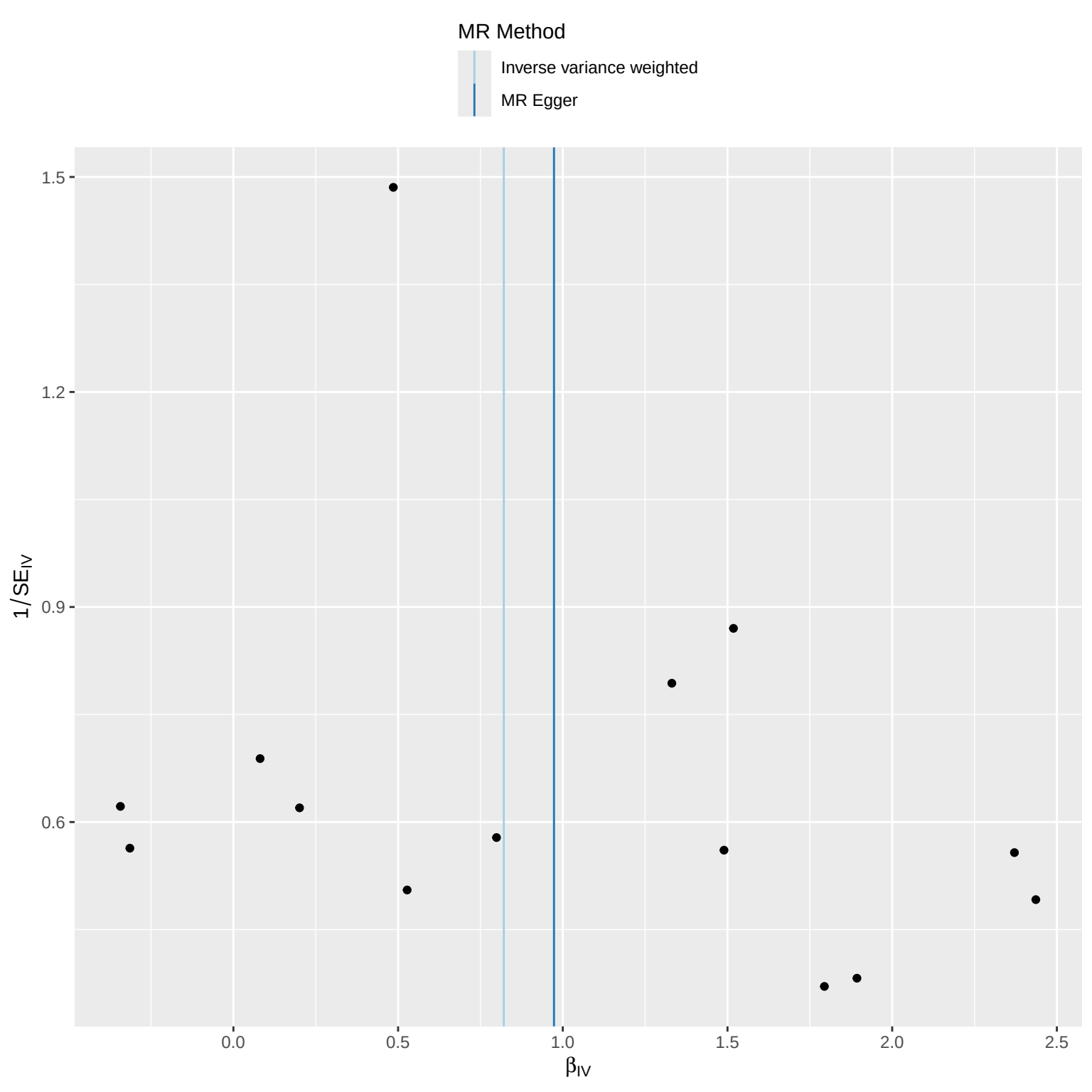

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

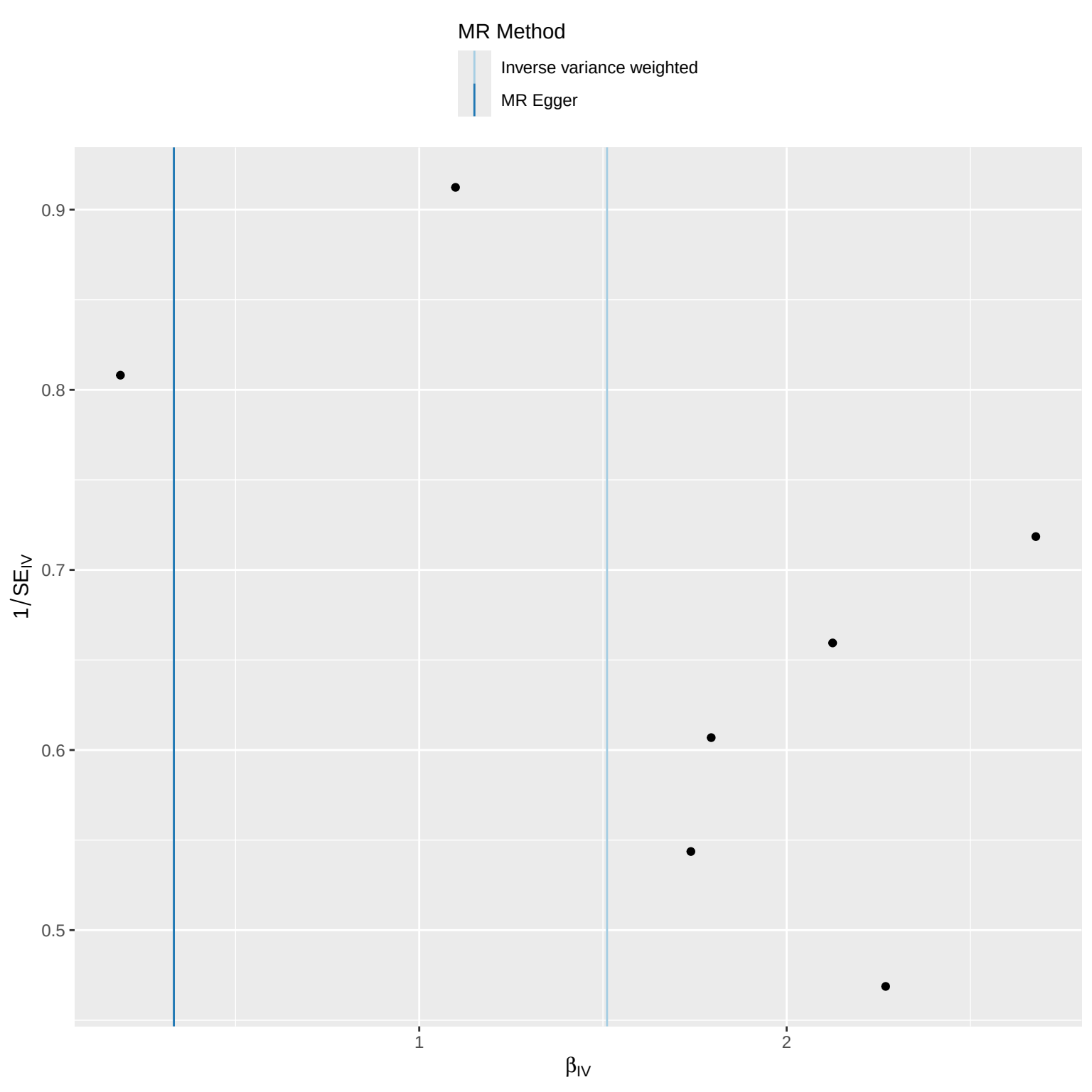

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

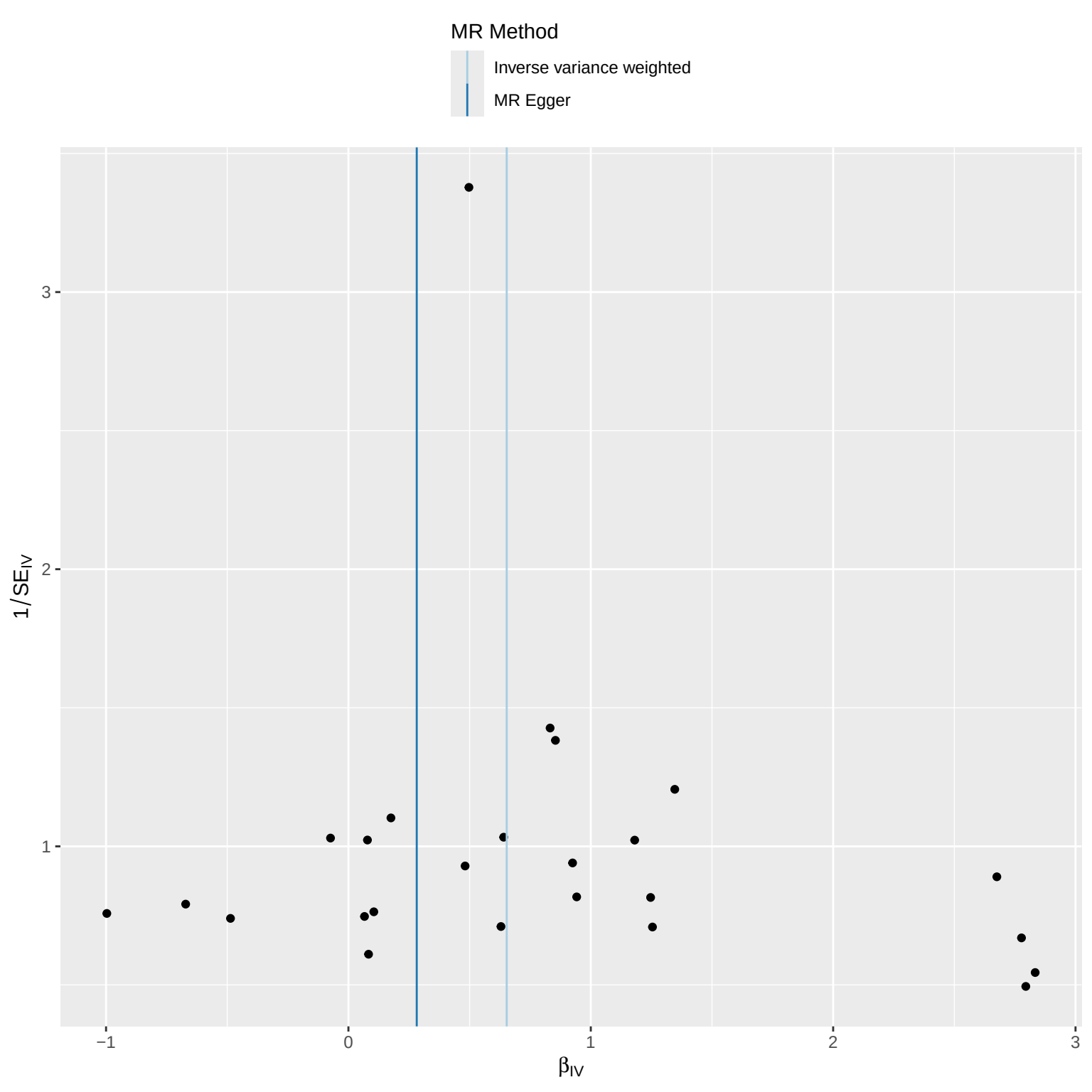

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2
0
2
β_IV

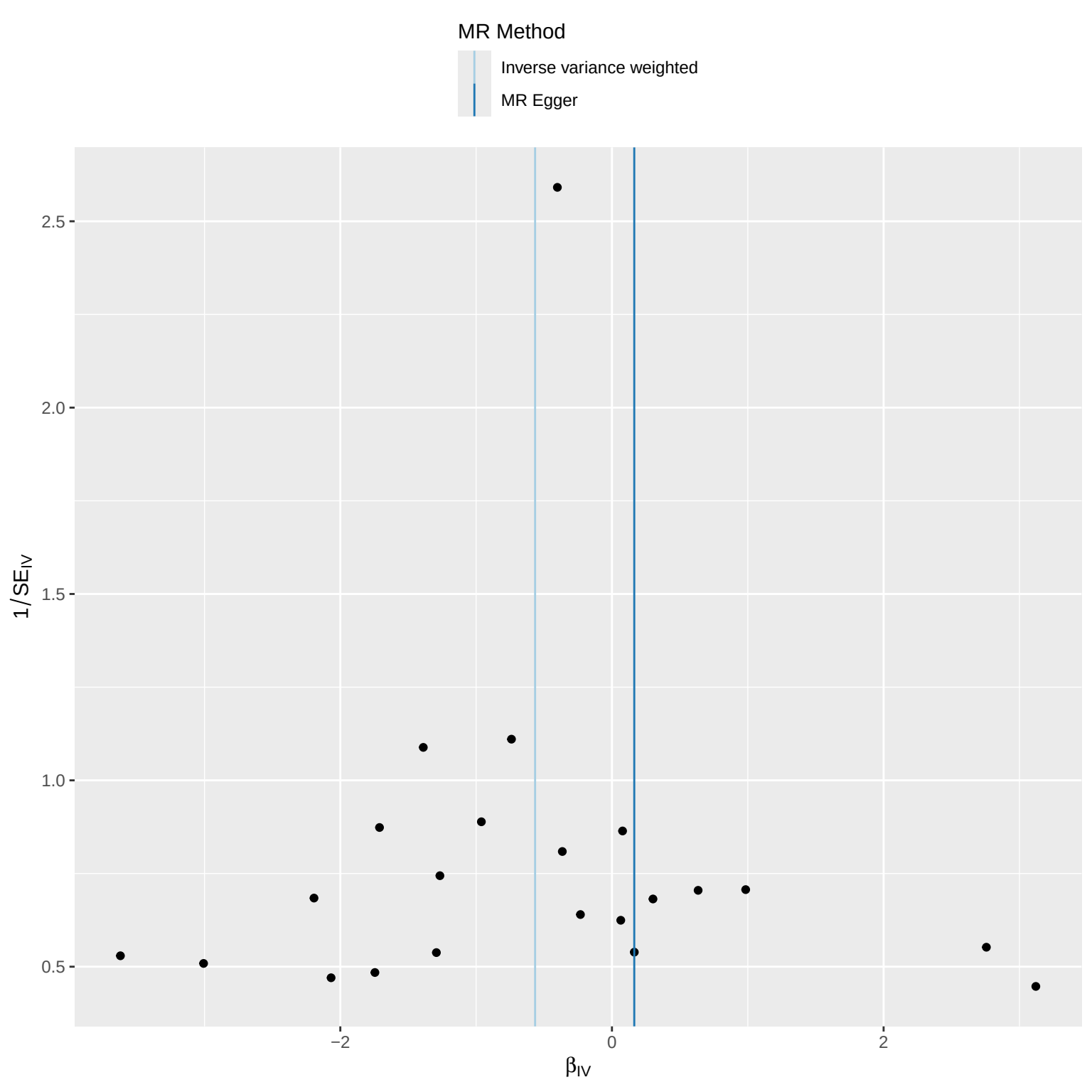

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

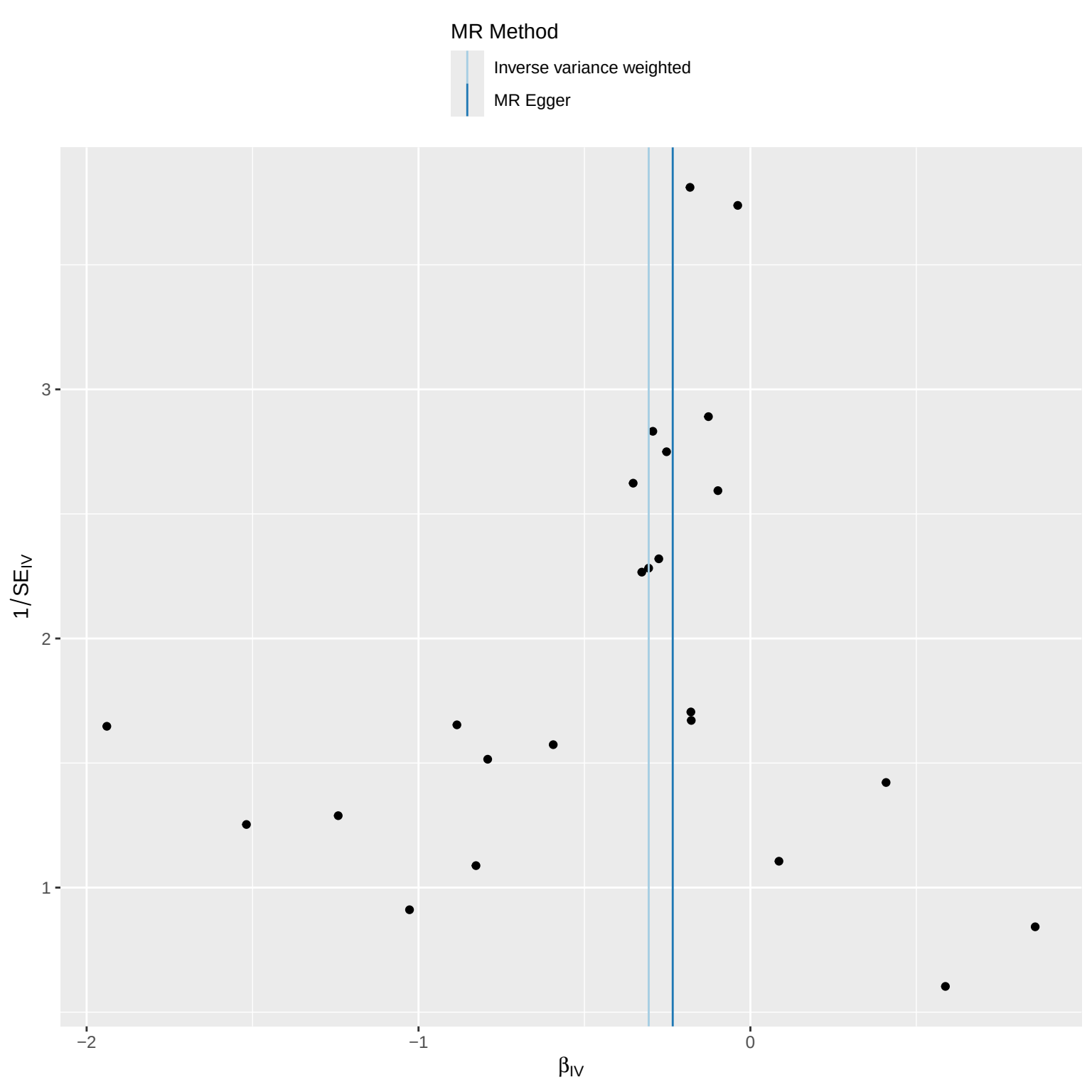

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

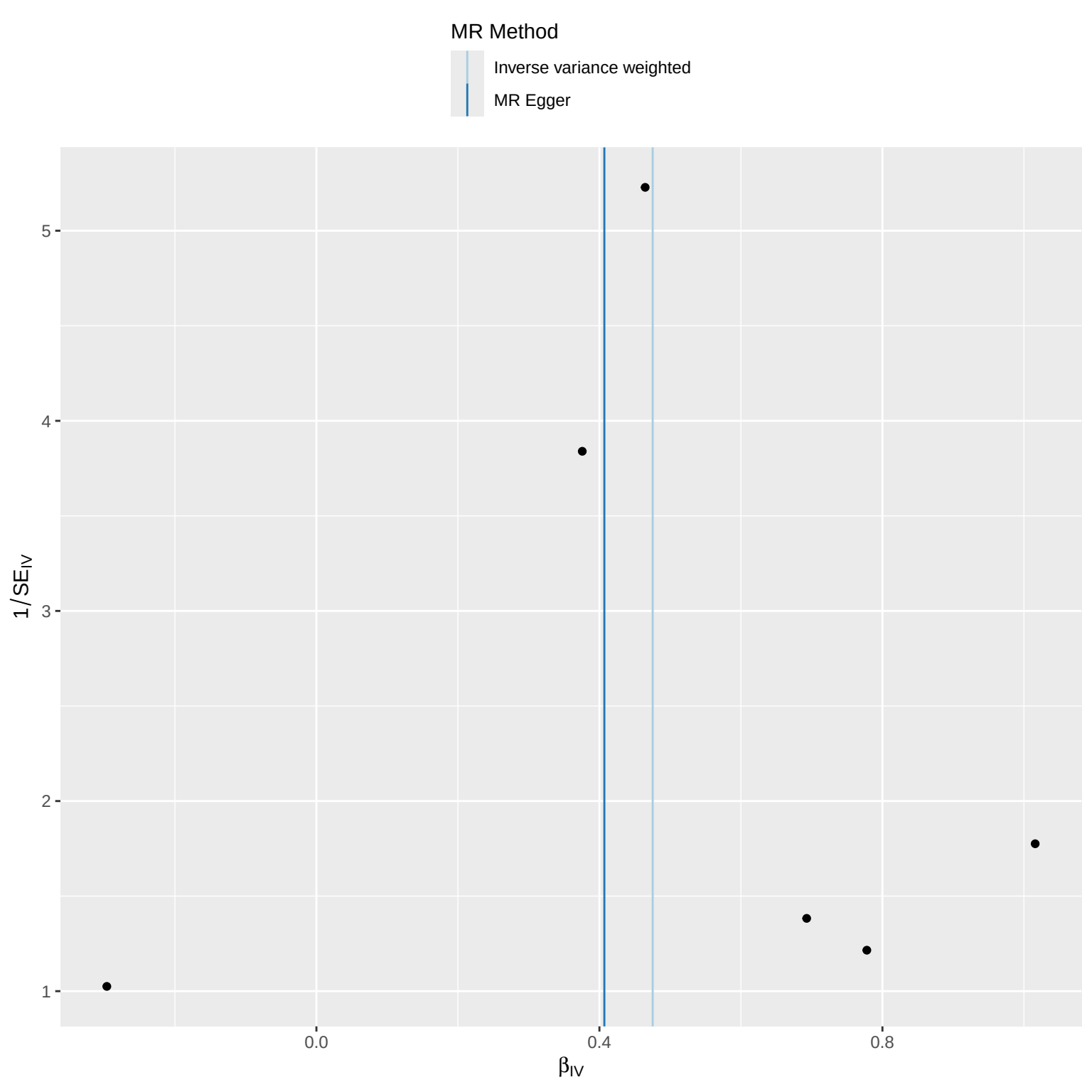

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

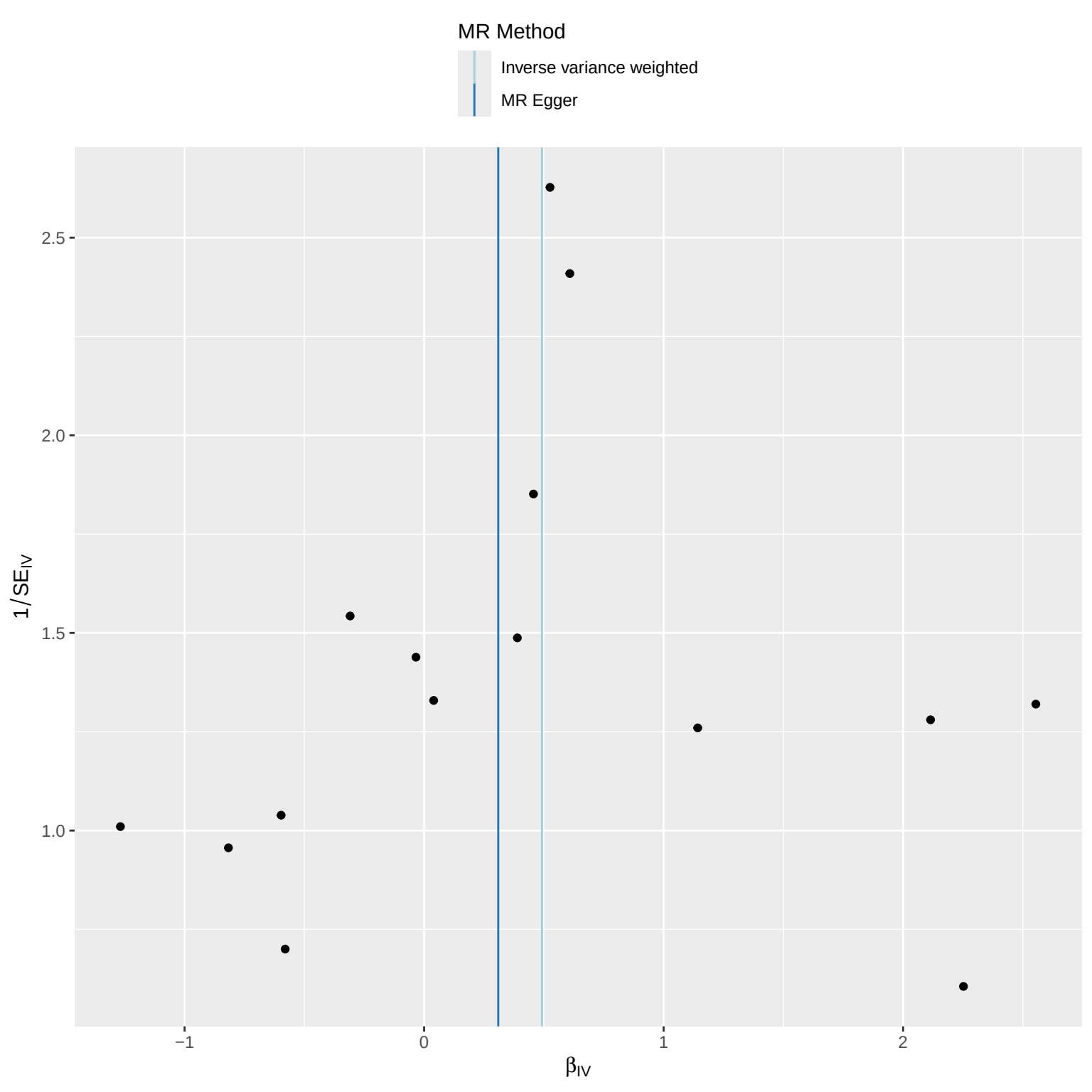

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
1
2
β_IV

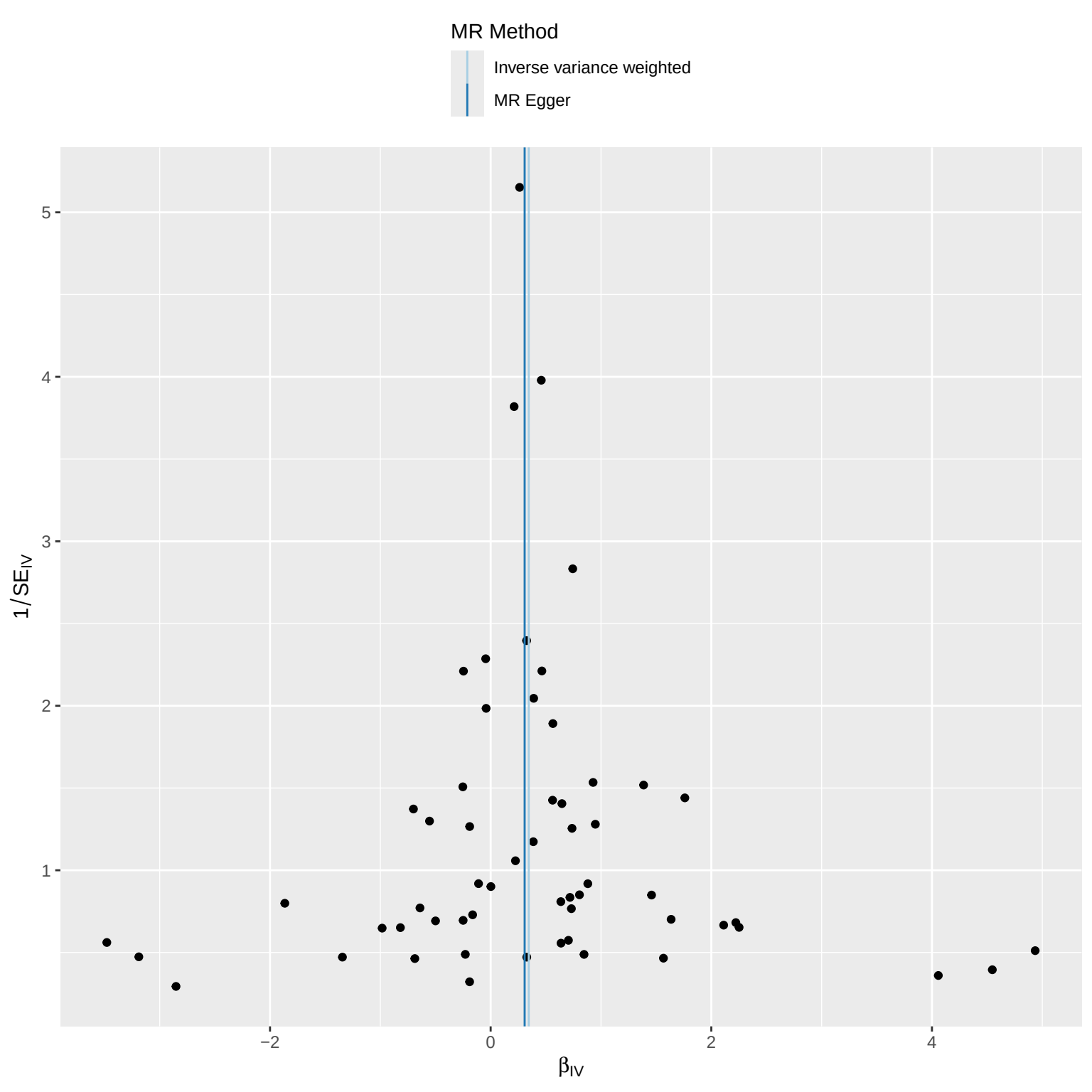

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

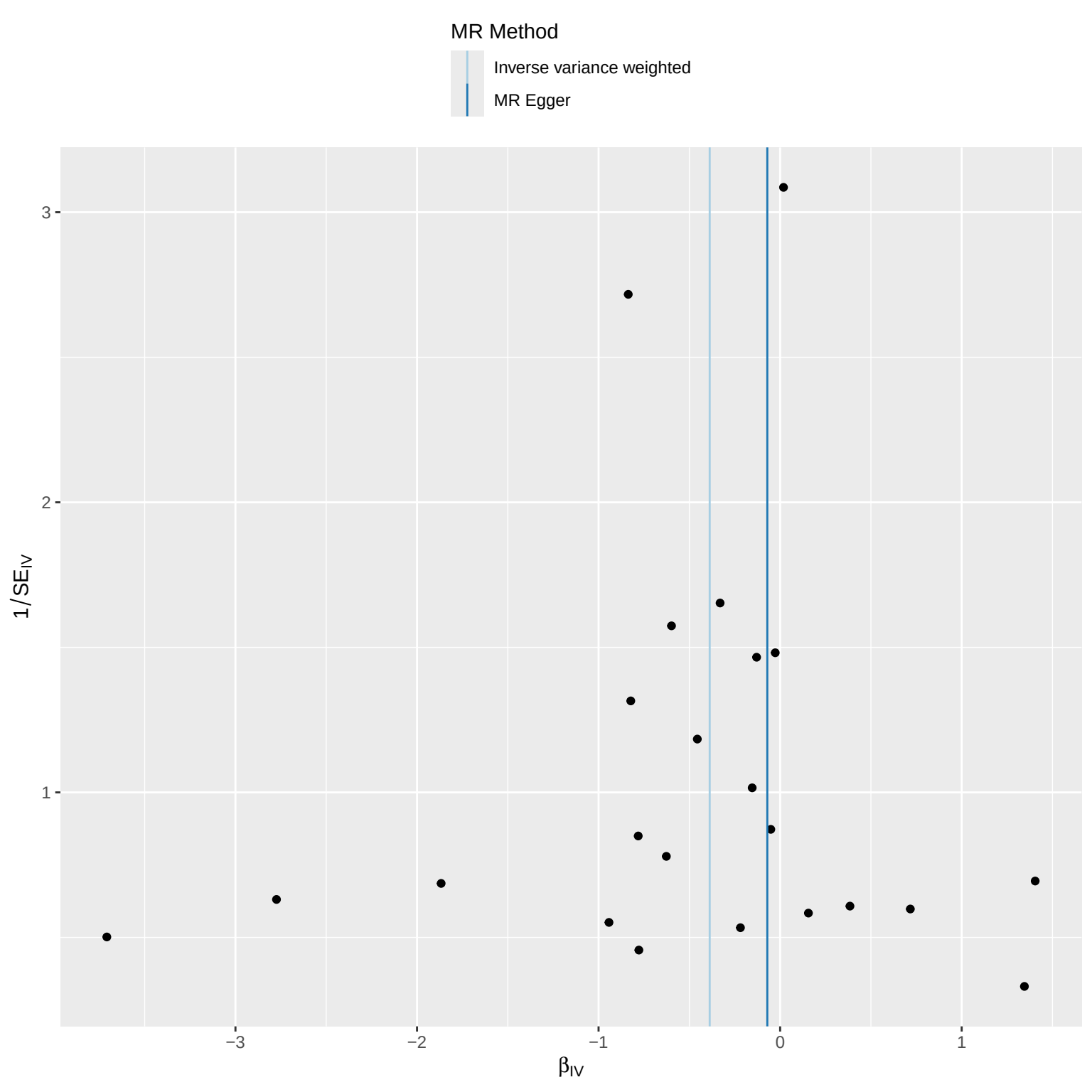

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

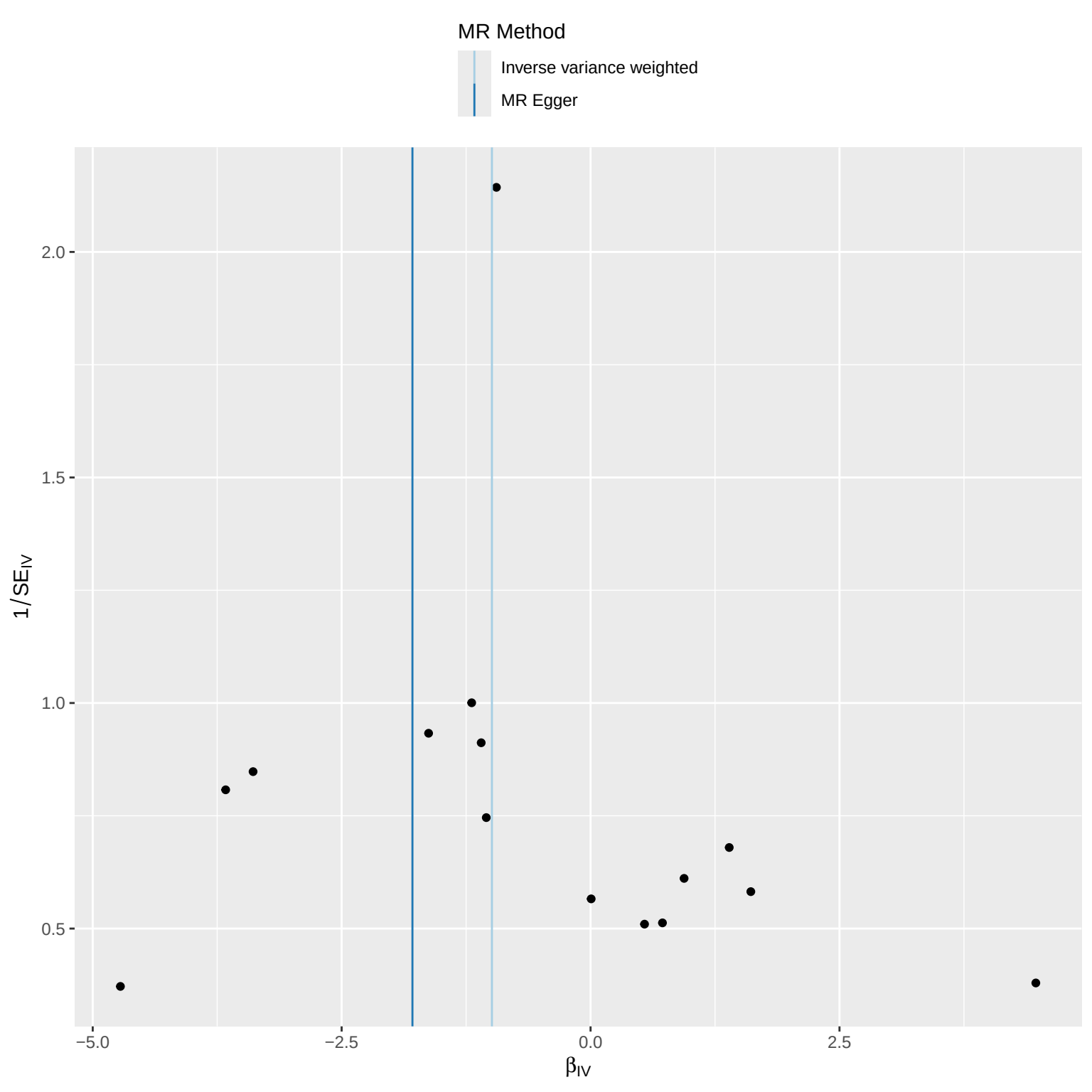

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

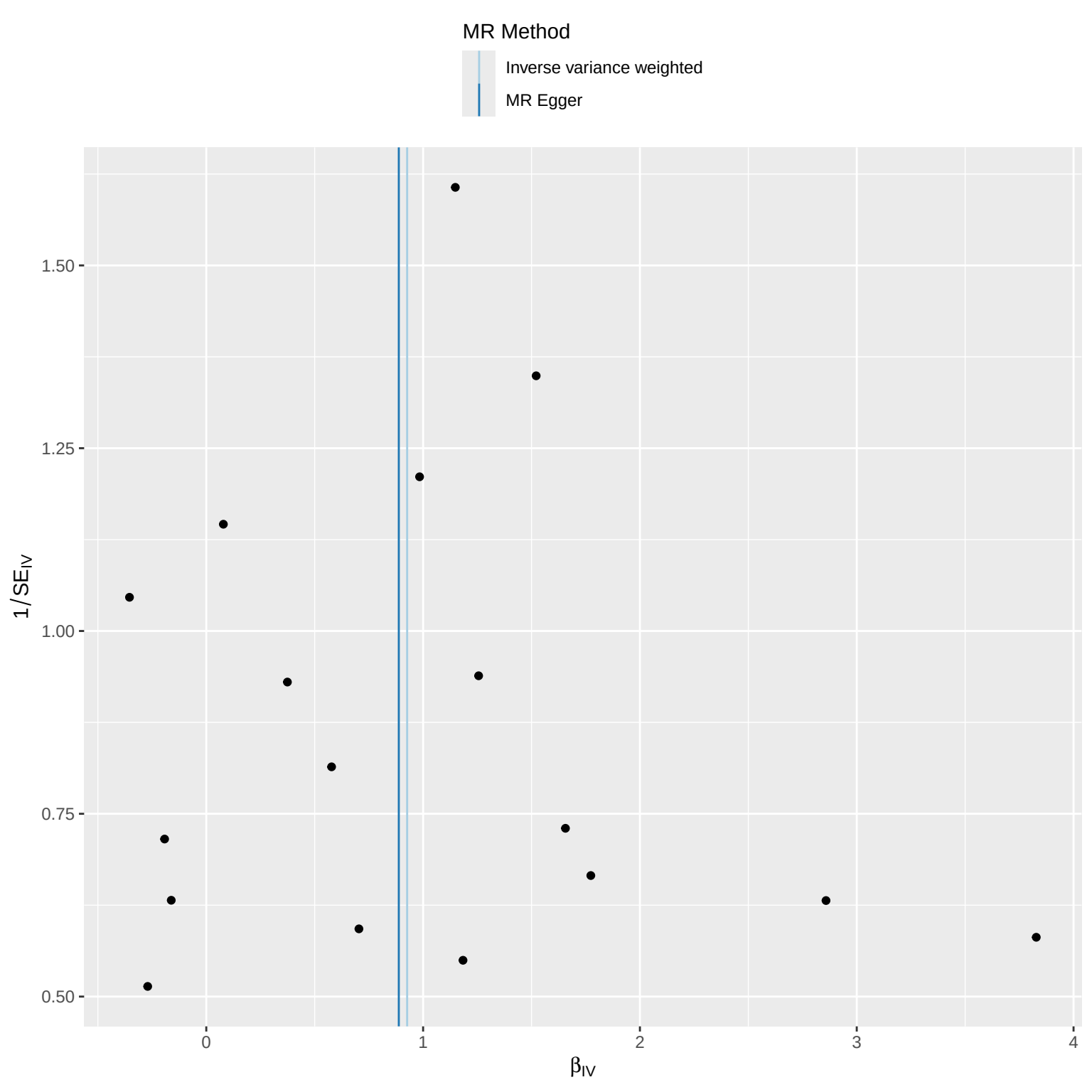

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
$1/SE_{IV}$
0.0
0.4
0.8
β_{IV}

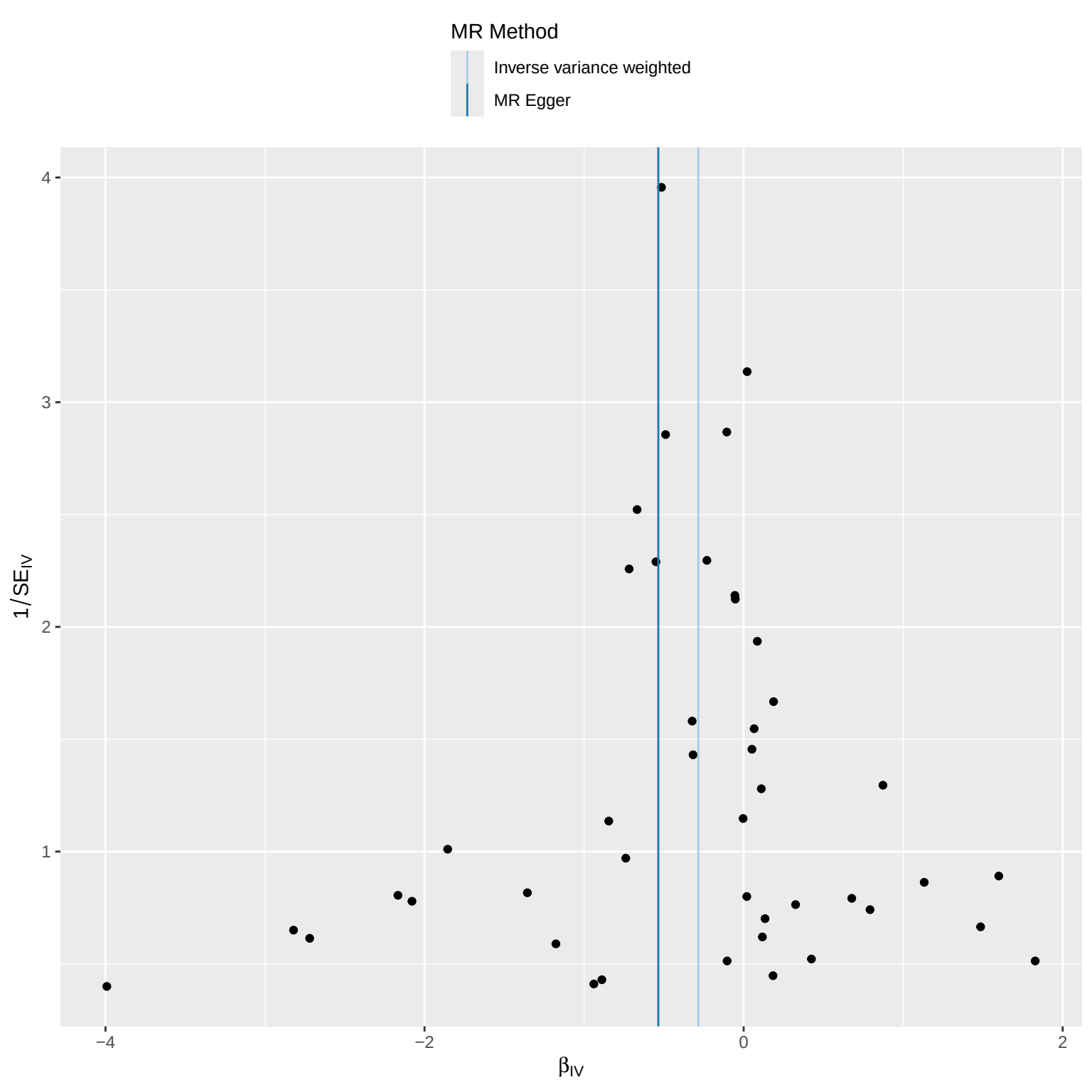

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

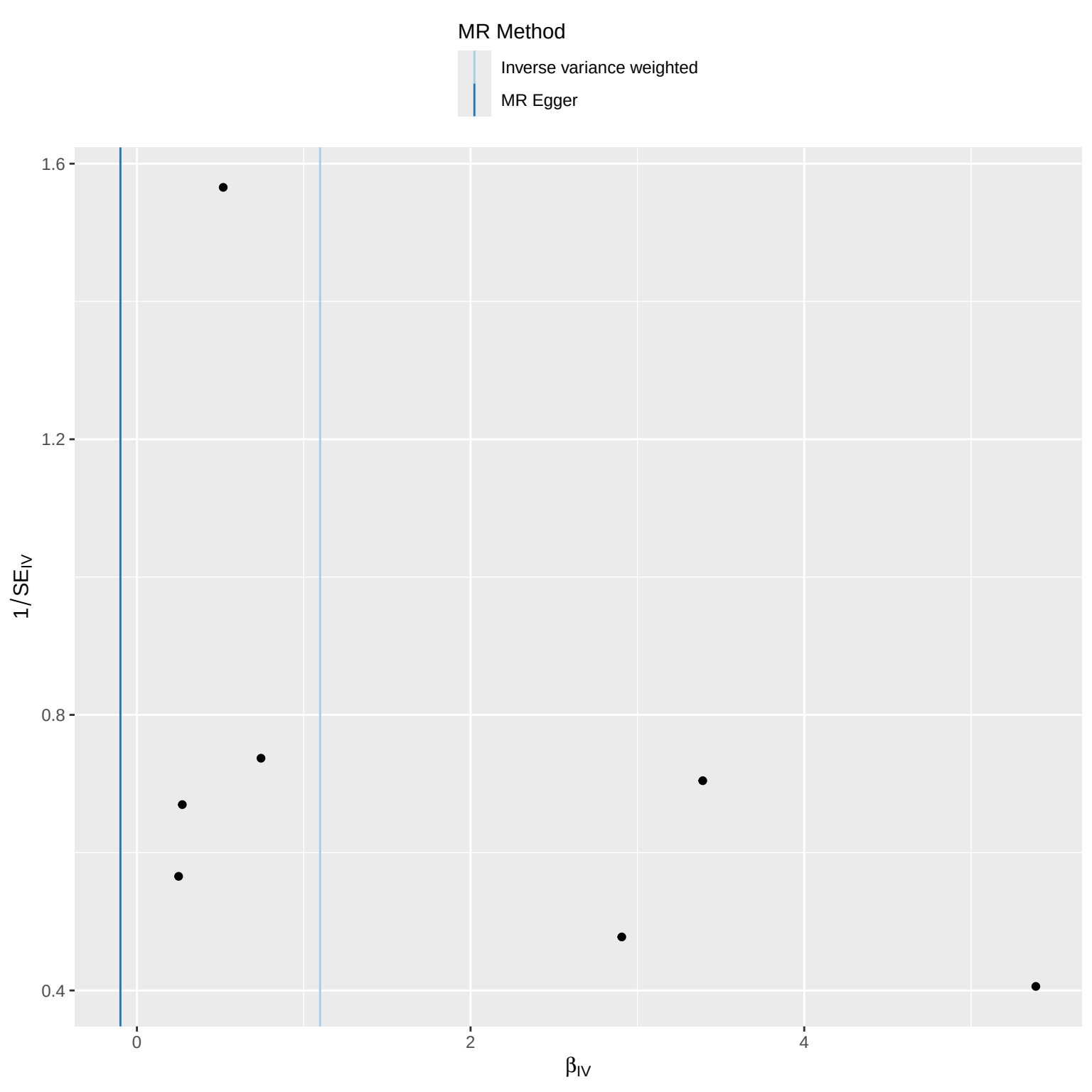

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

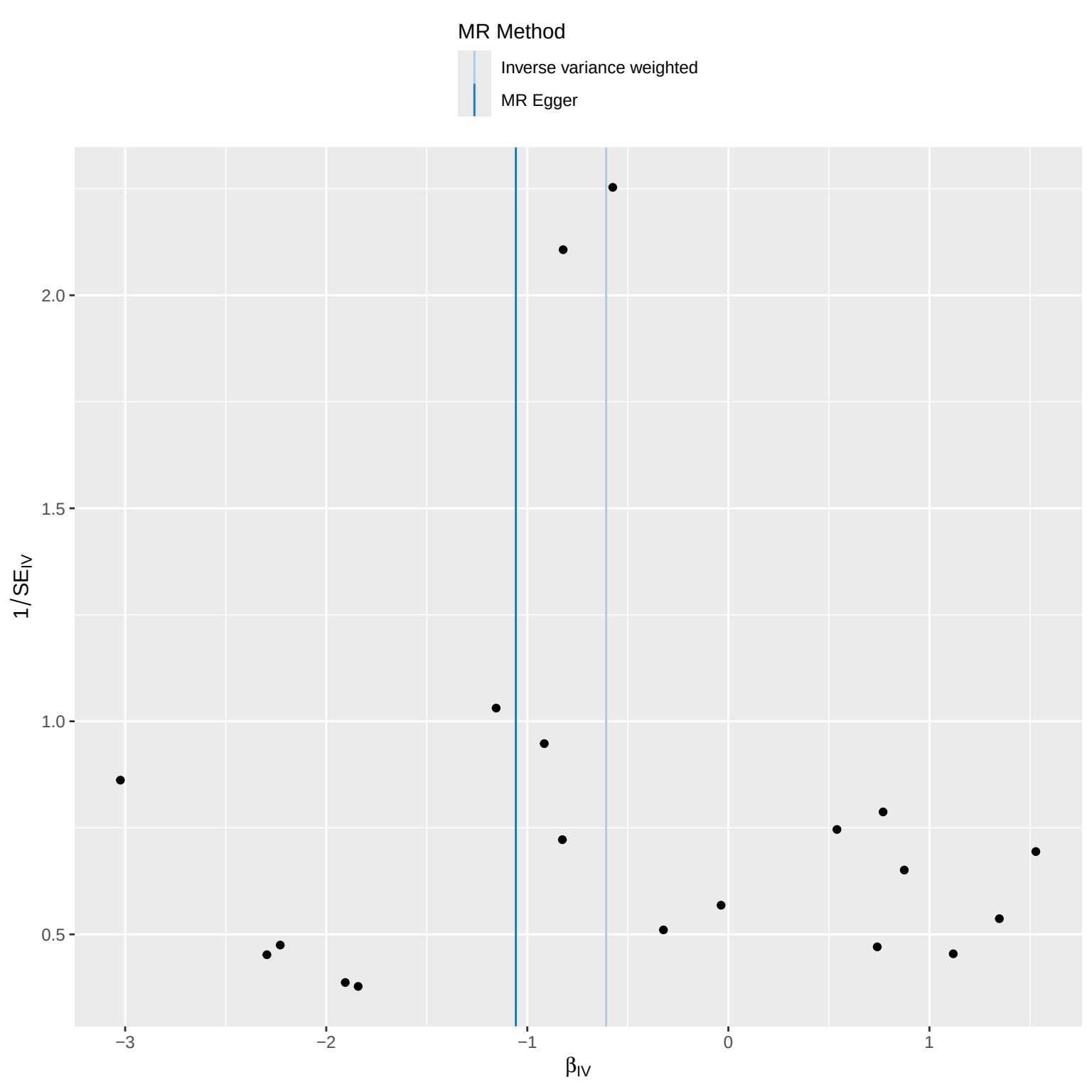

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

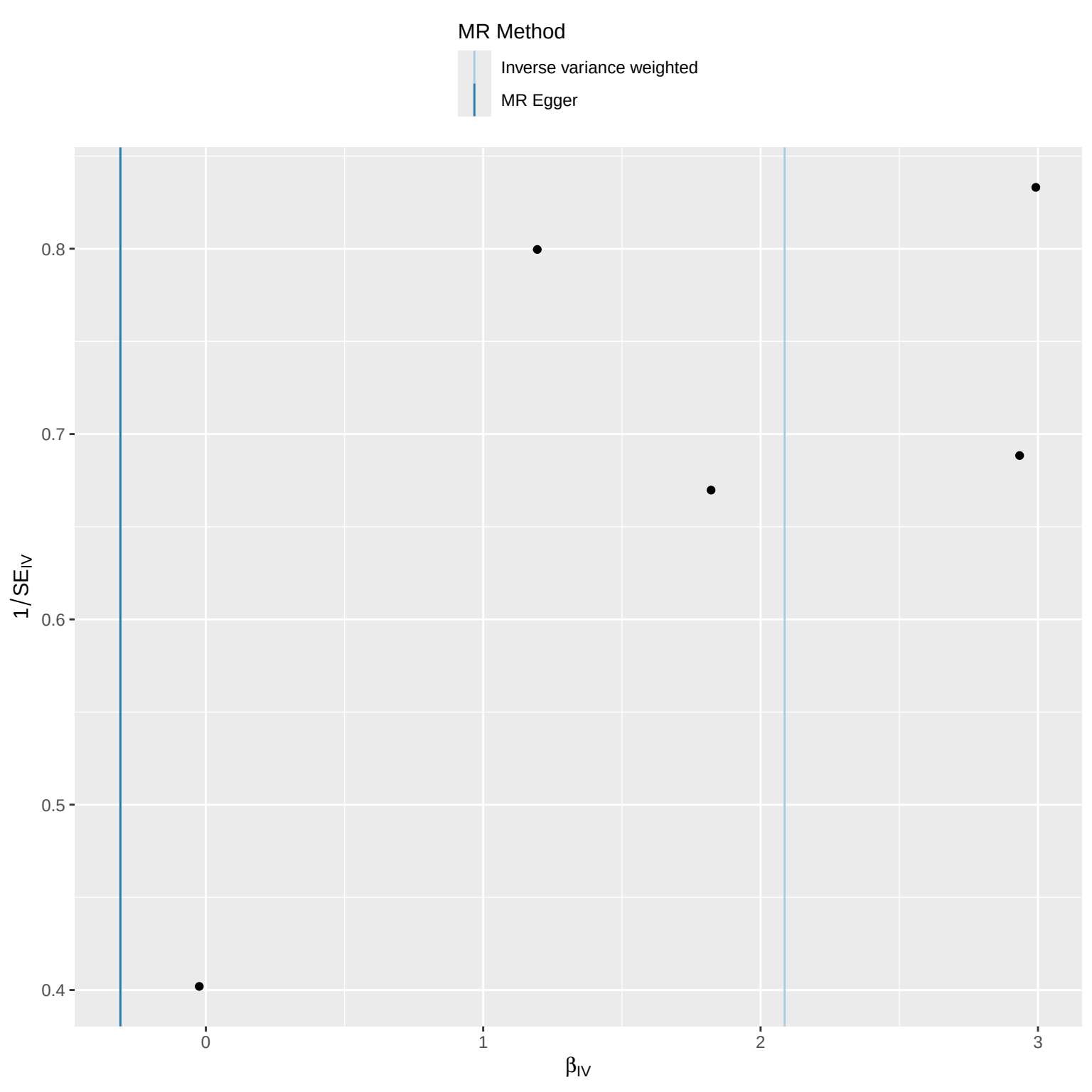

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

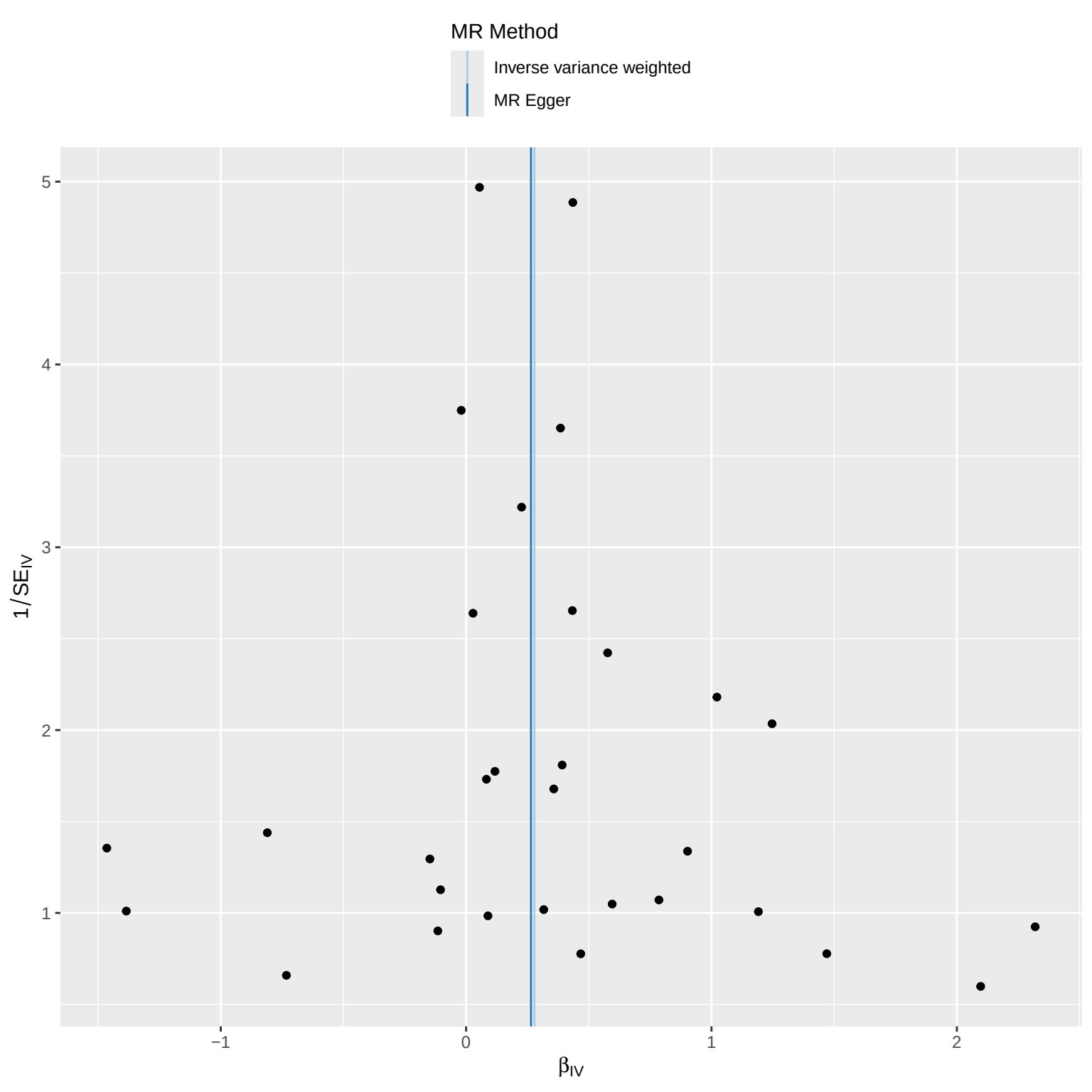

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
4
β_IV

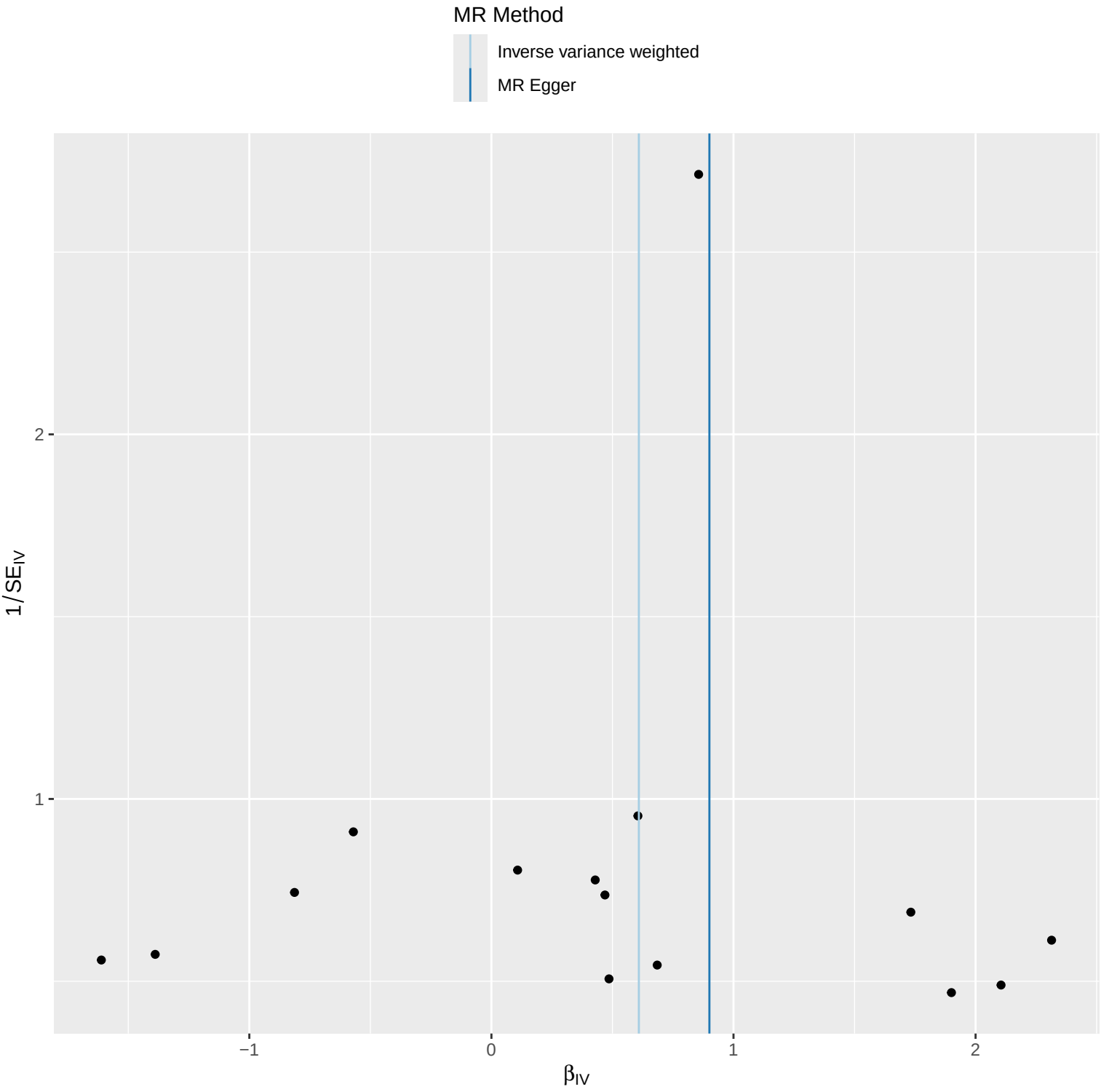

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

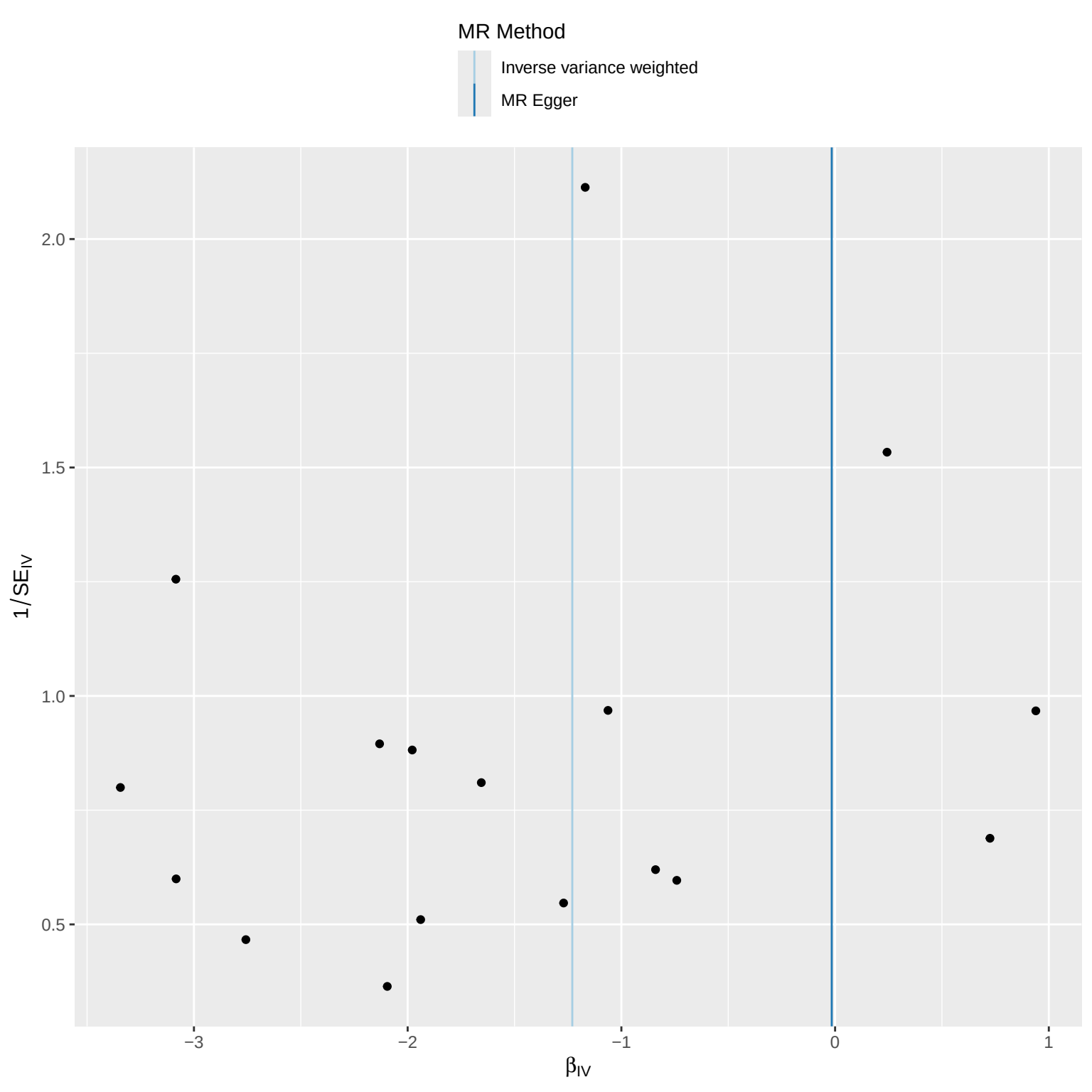

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
2
4
β_IV

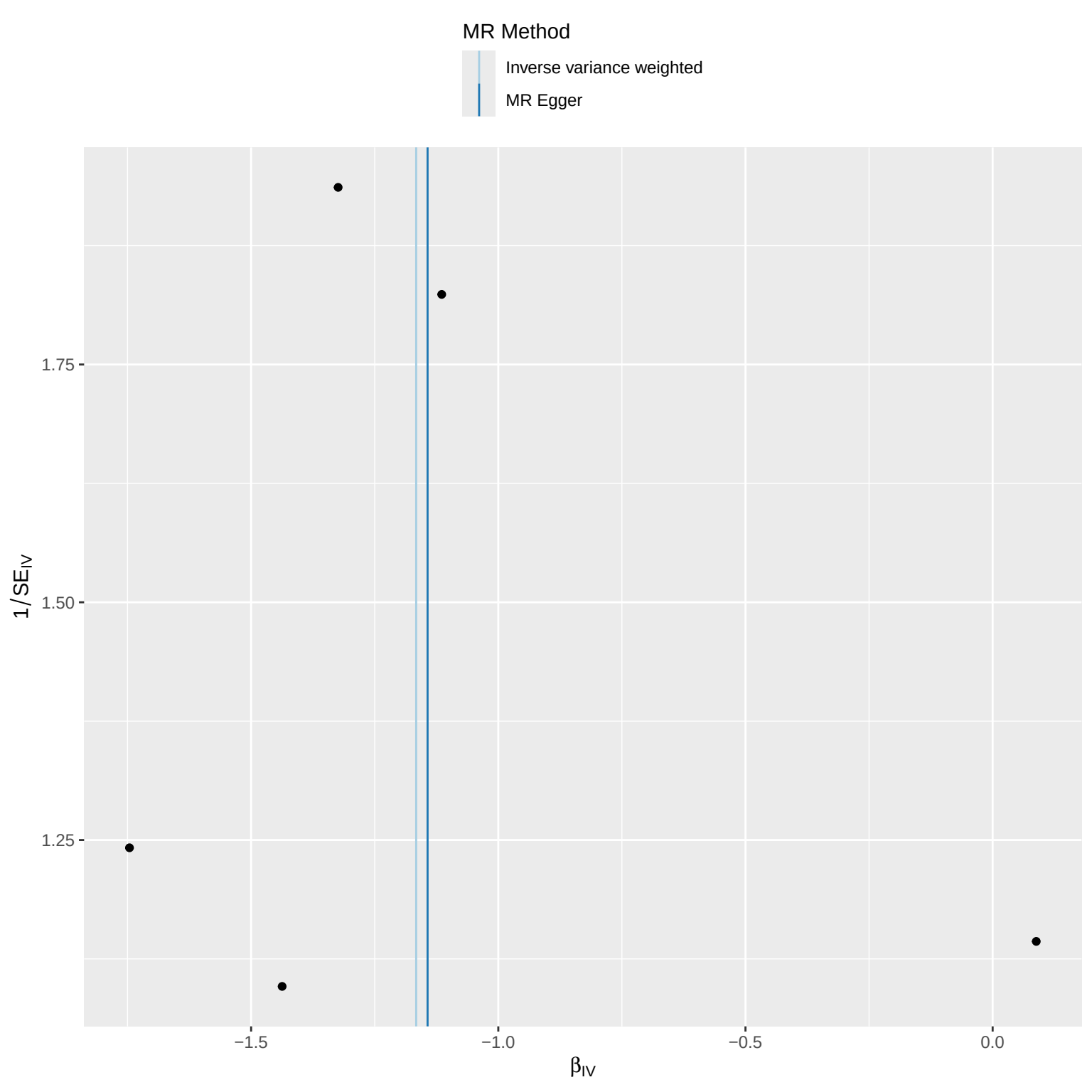

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

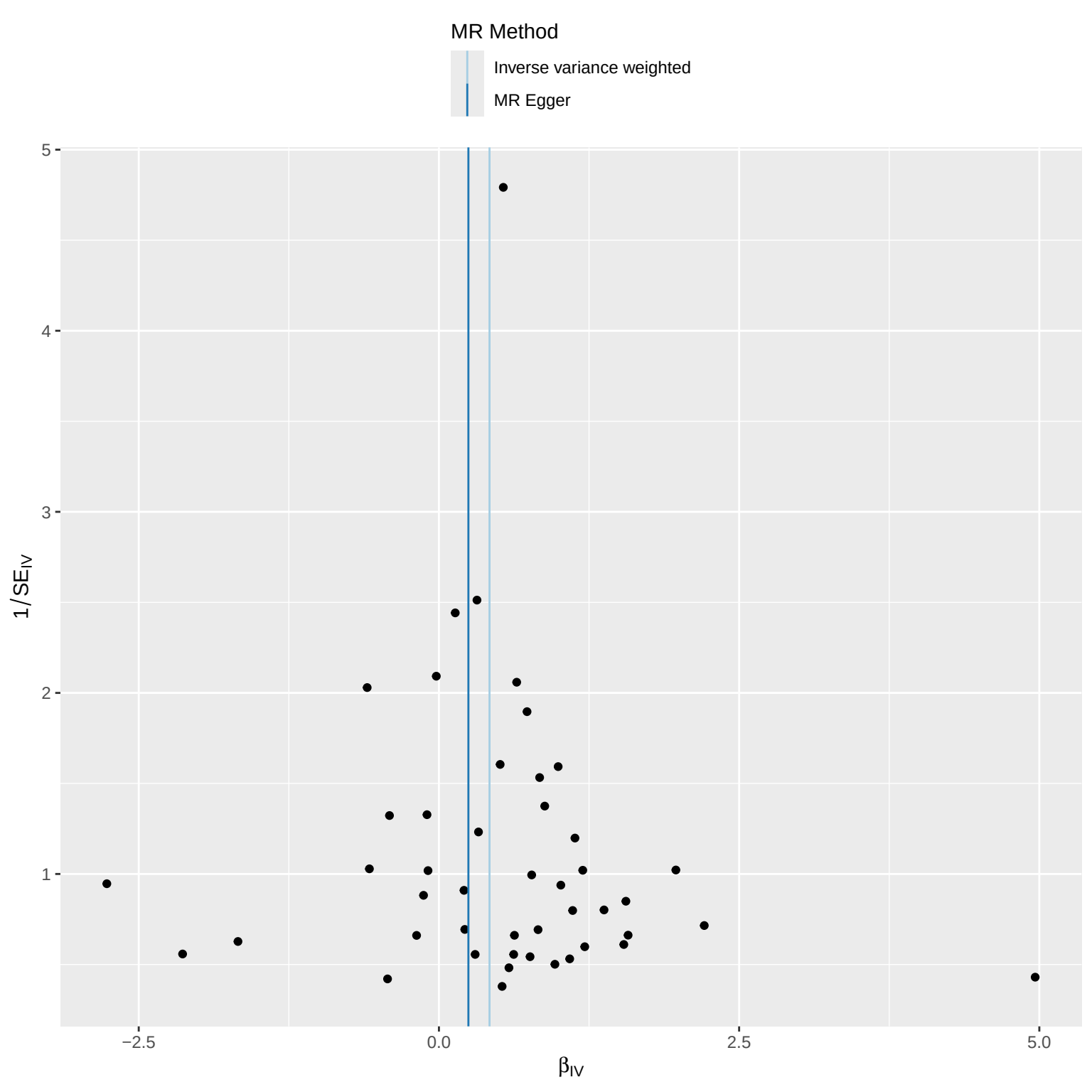

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
0
1
2
3
β_IV

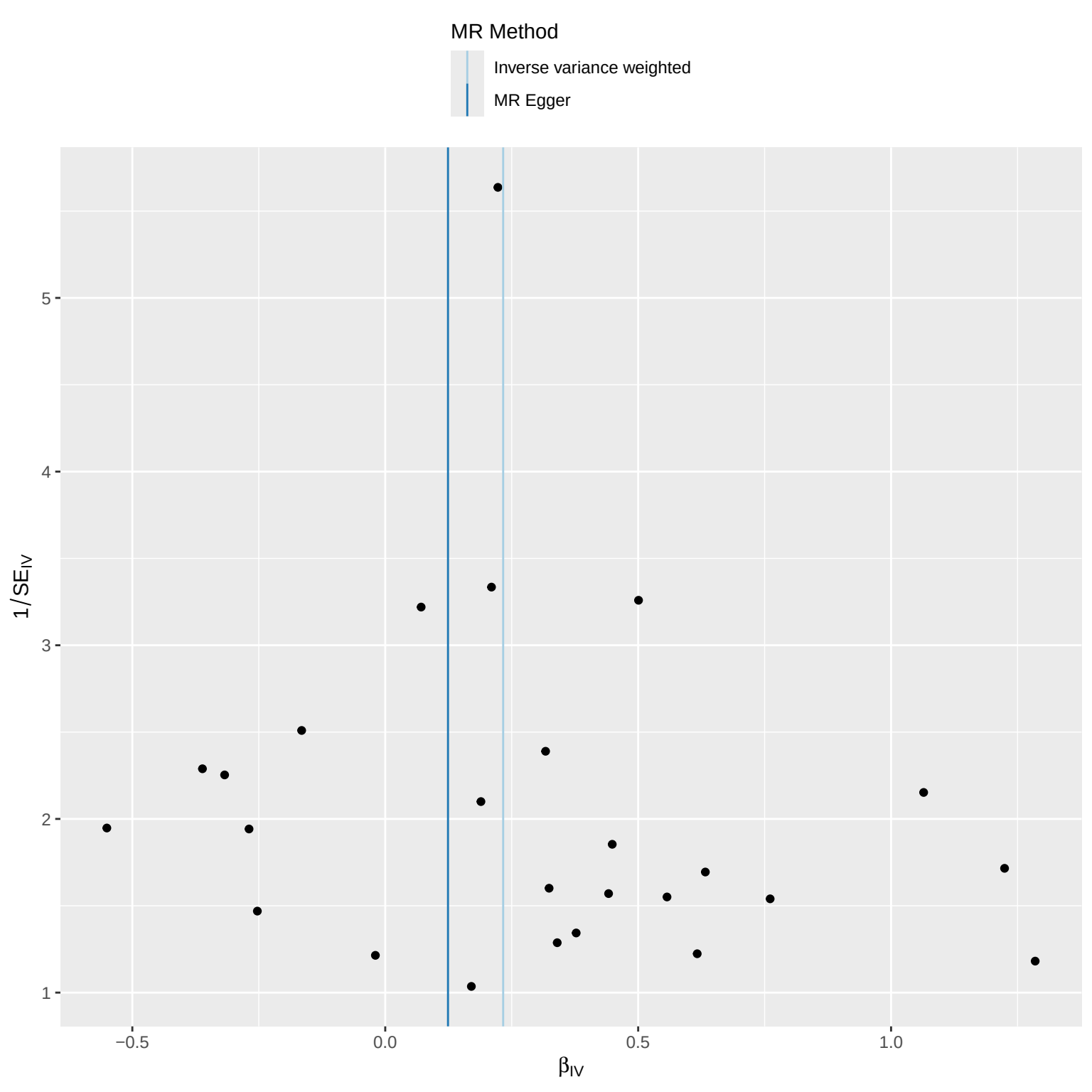

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

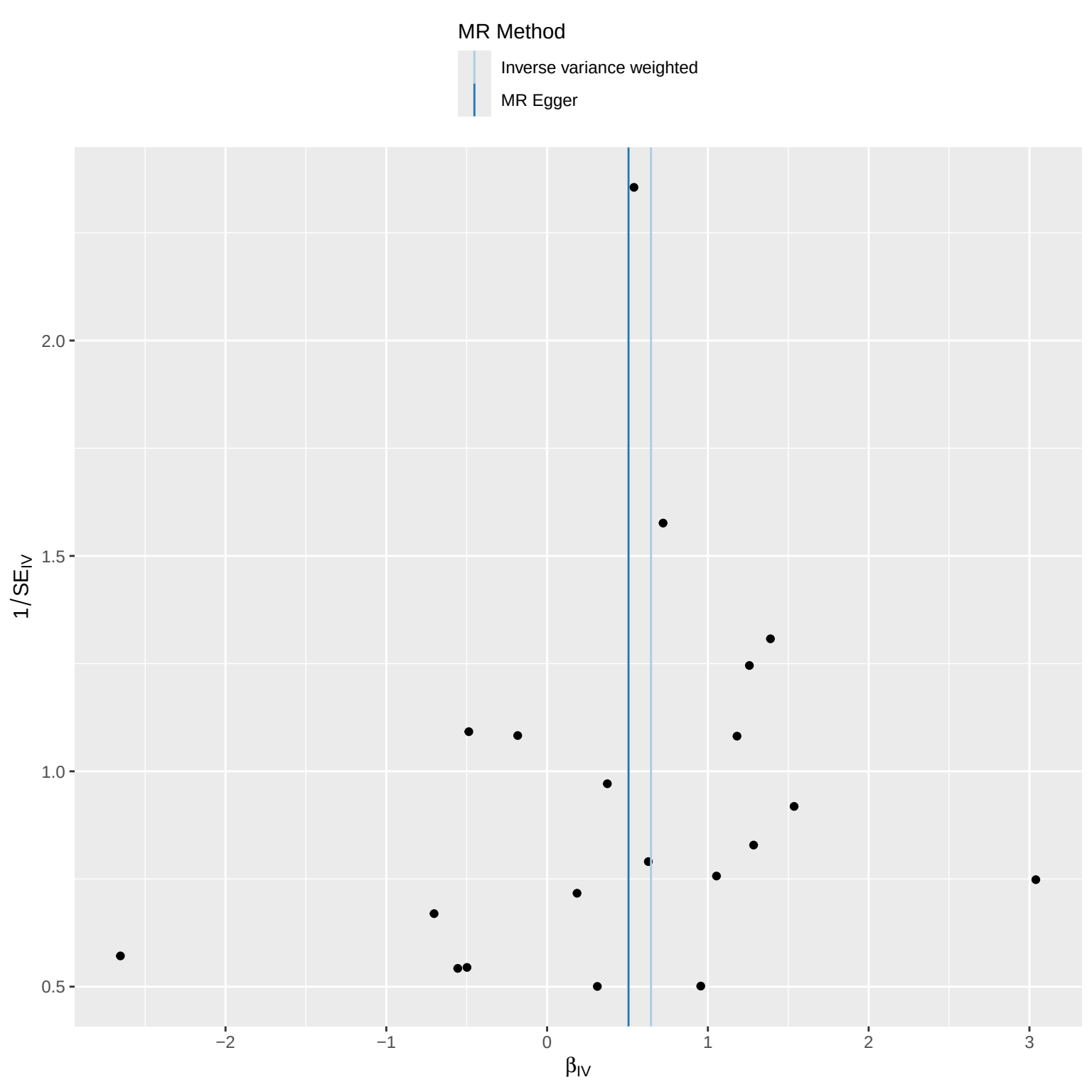

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

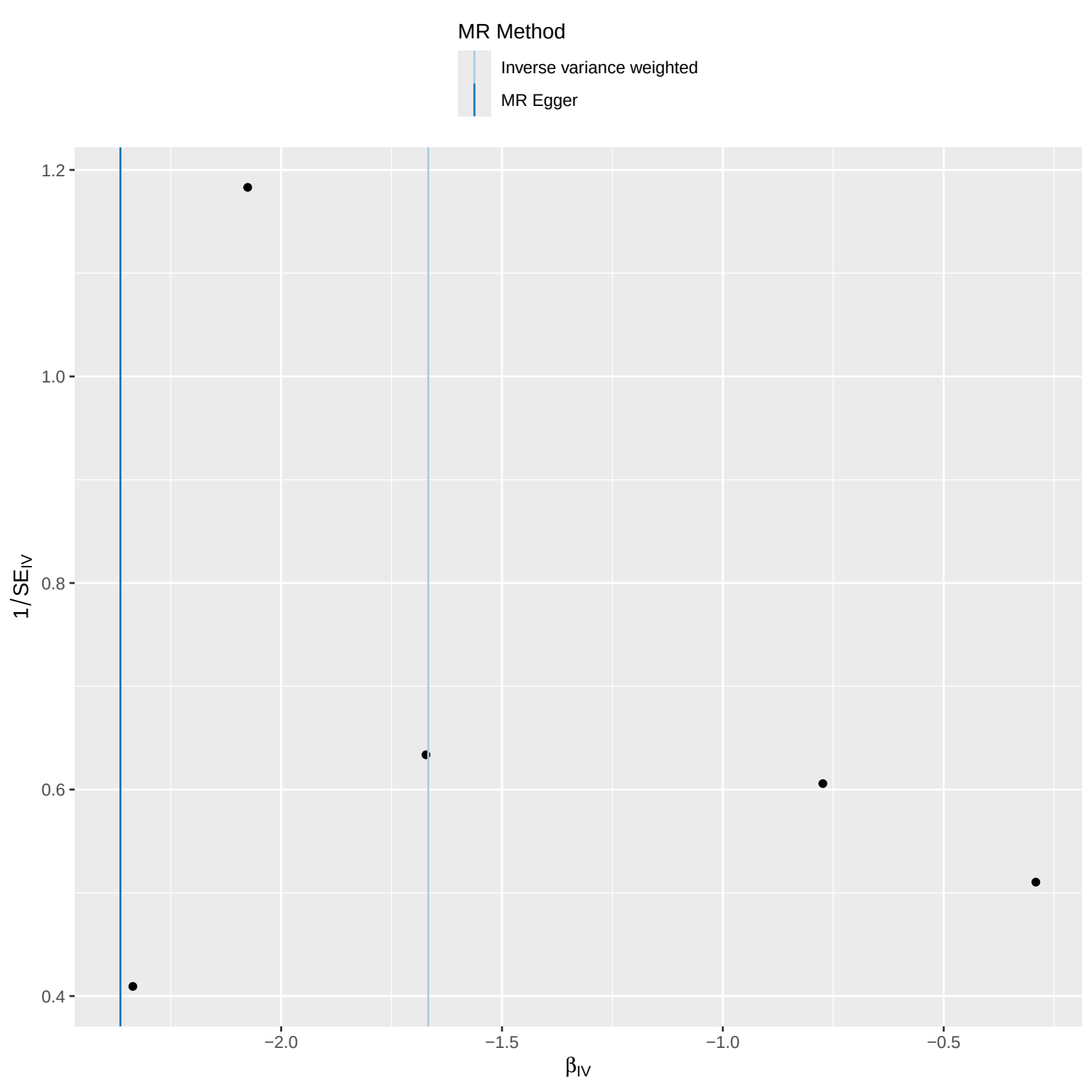

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

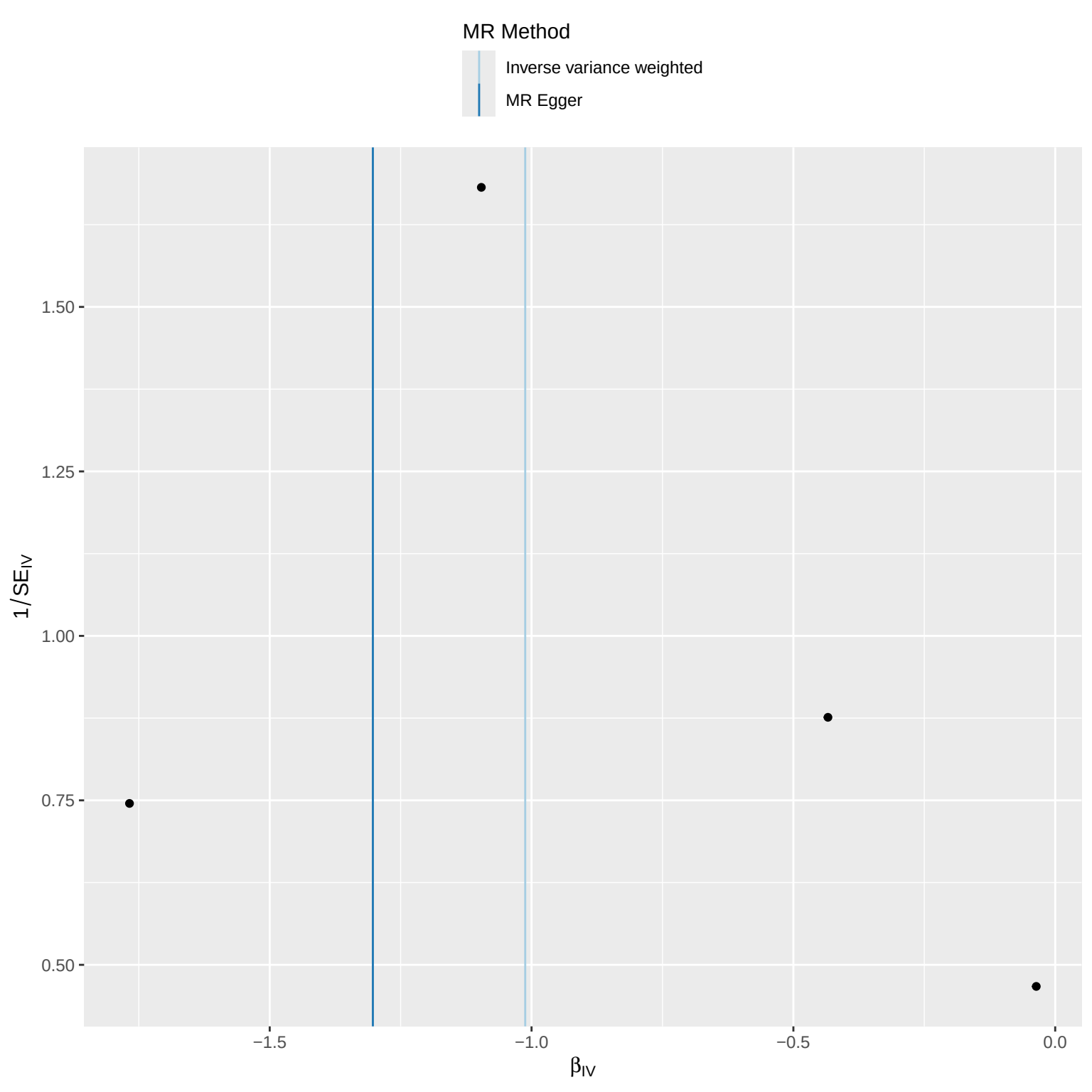

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

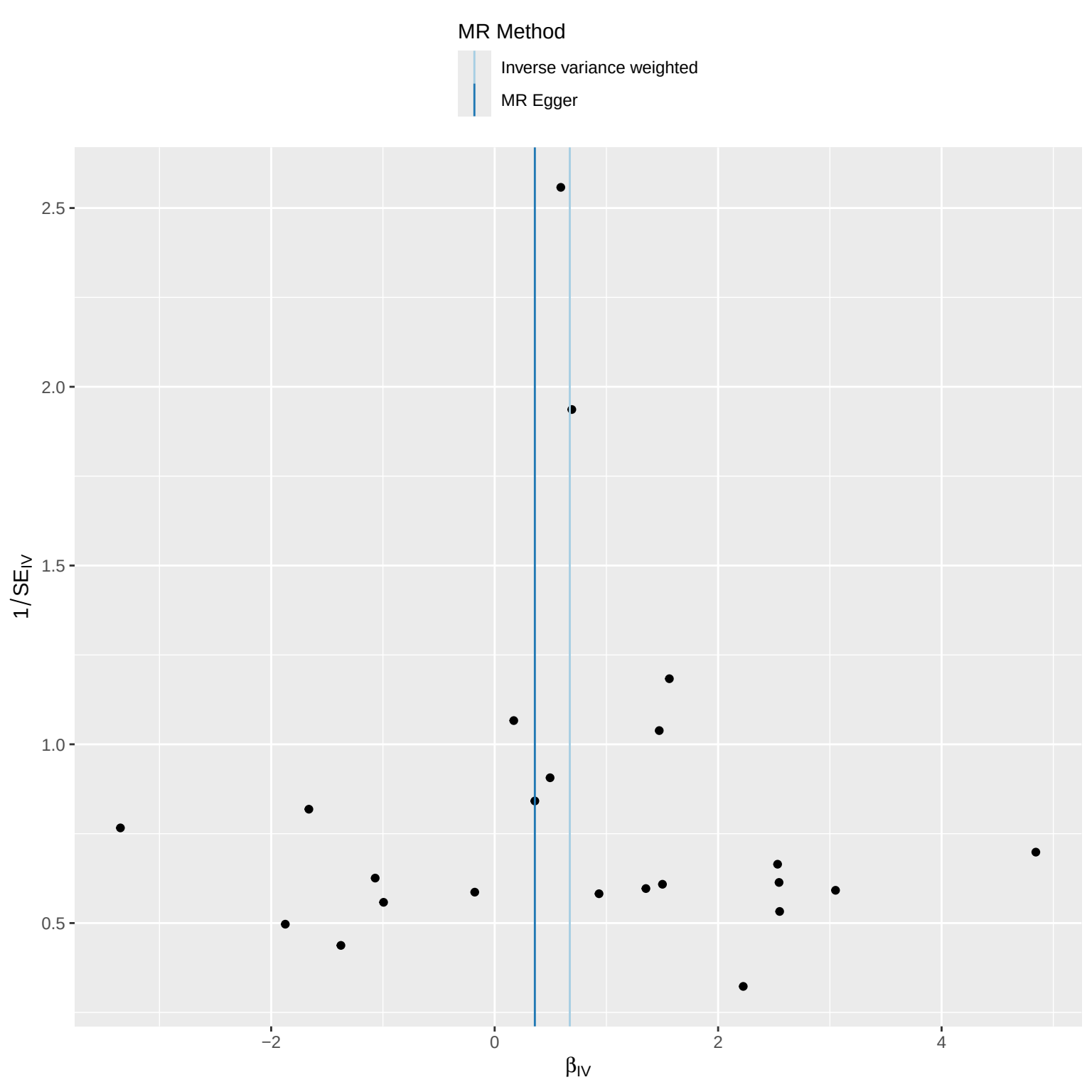

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

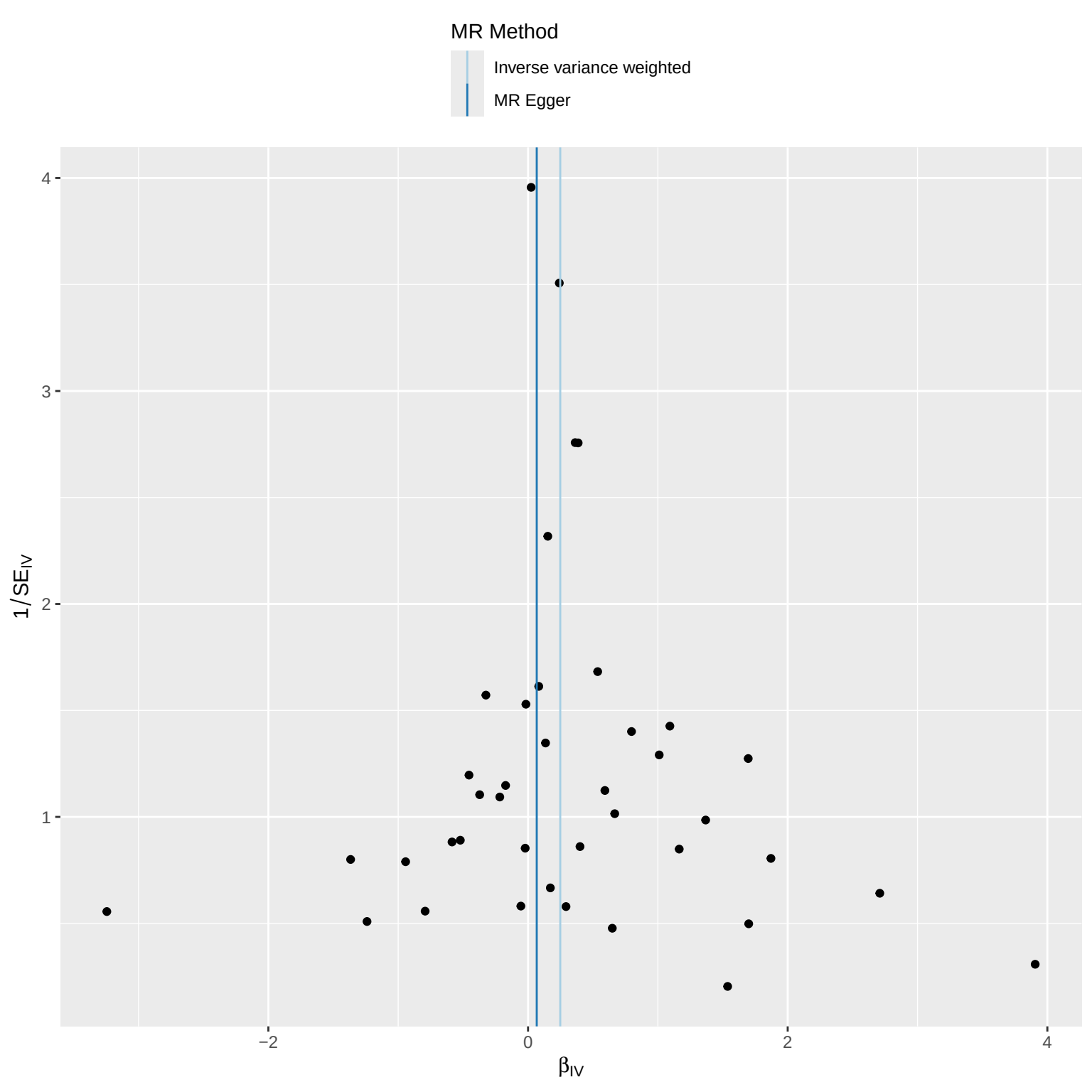

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−0.5
0.0
0.5
1.0

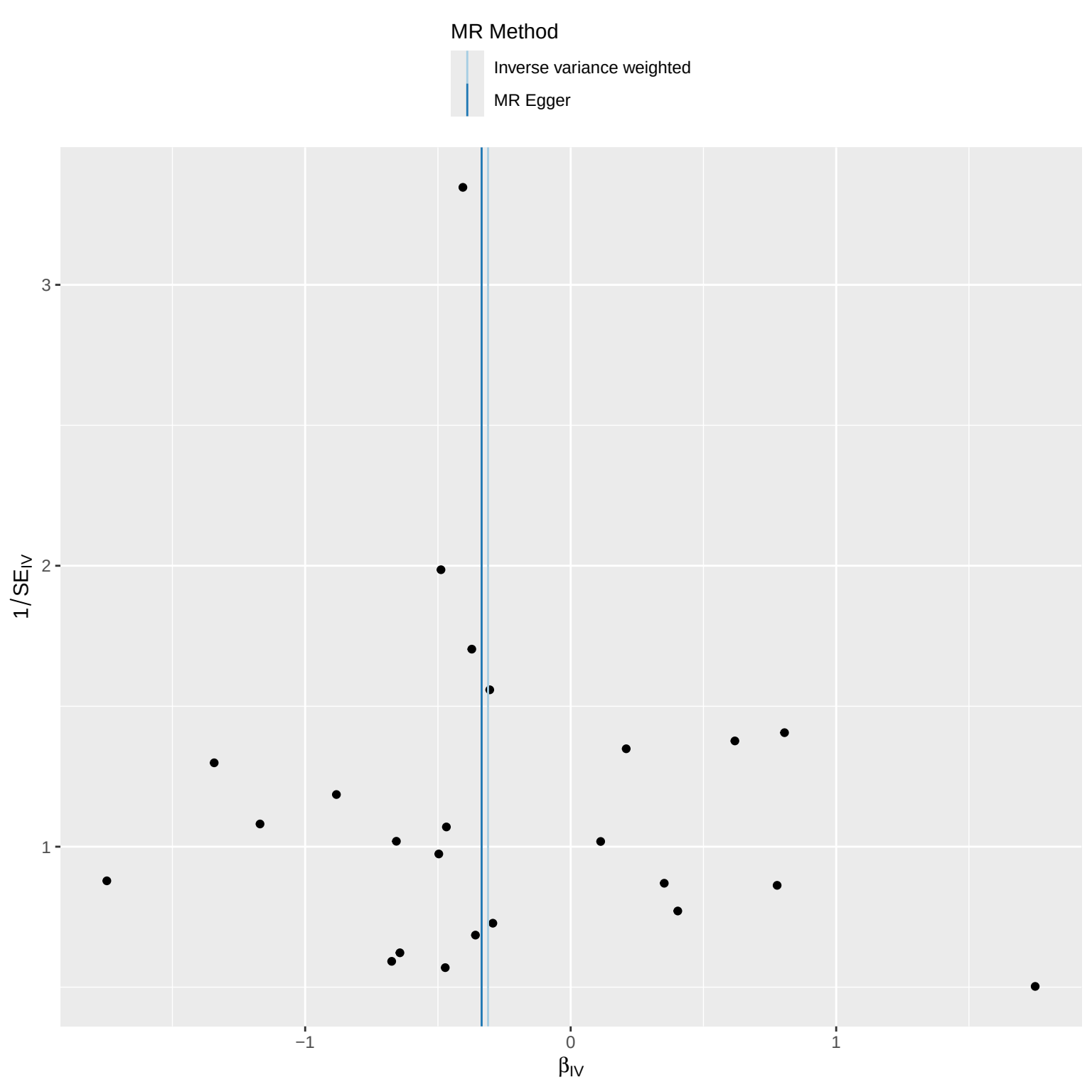

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

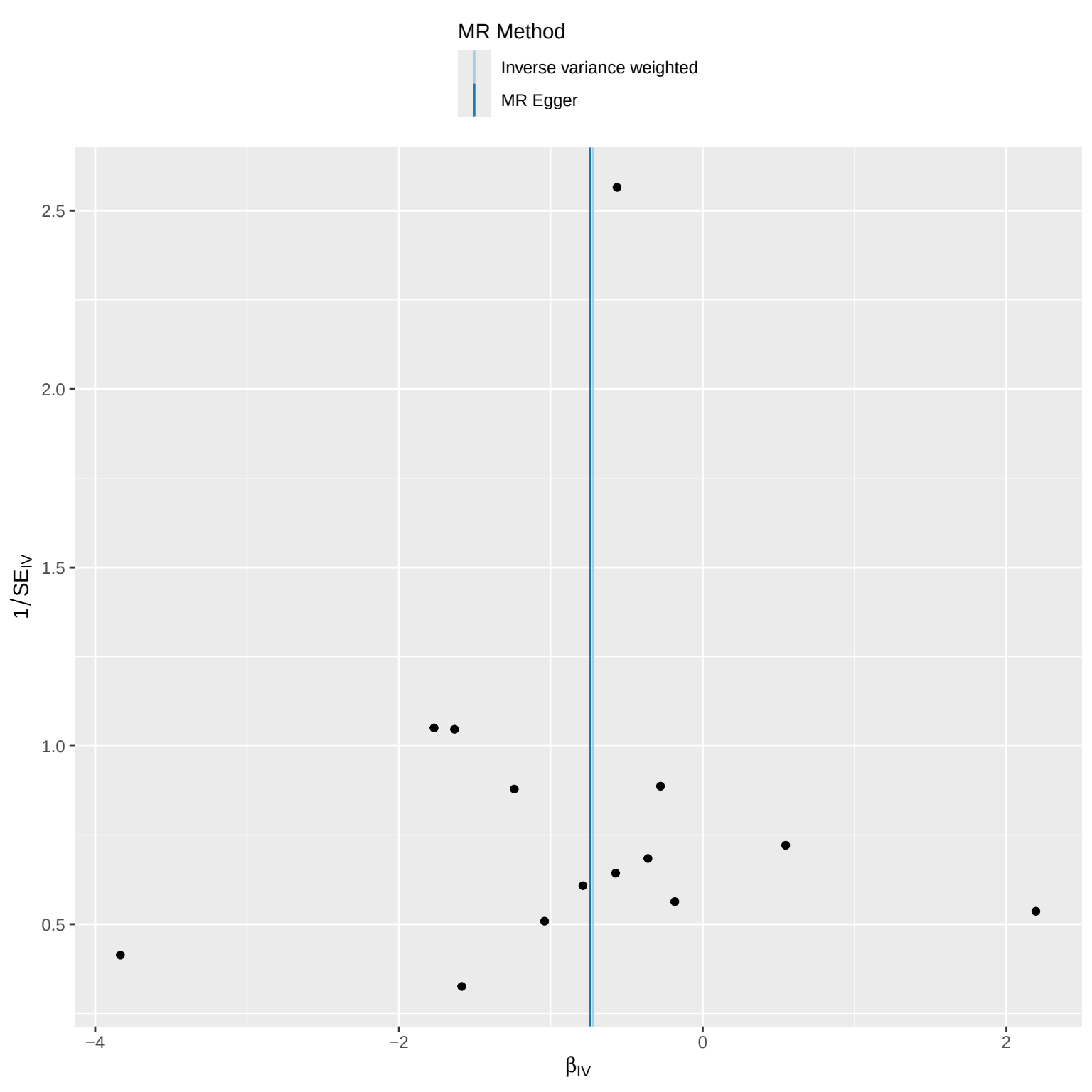

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

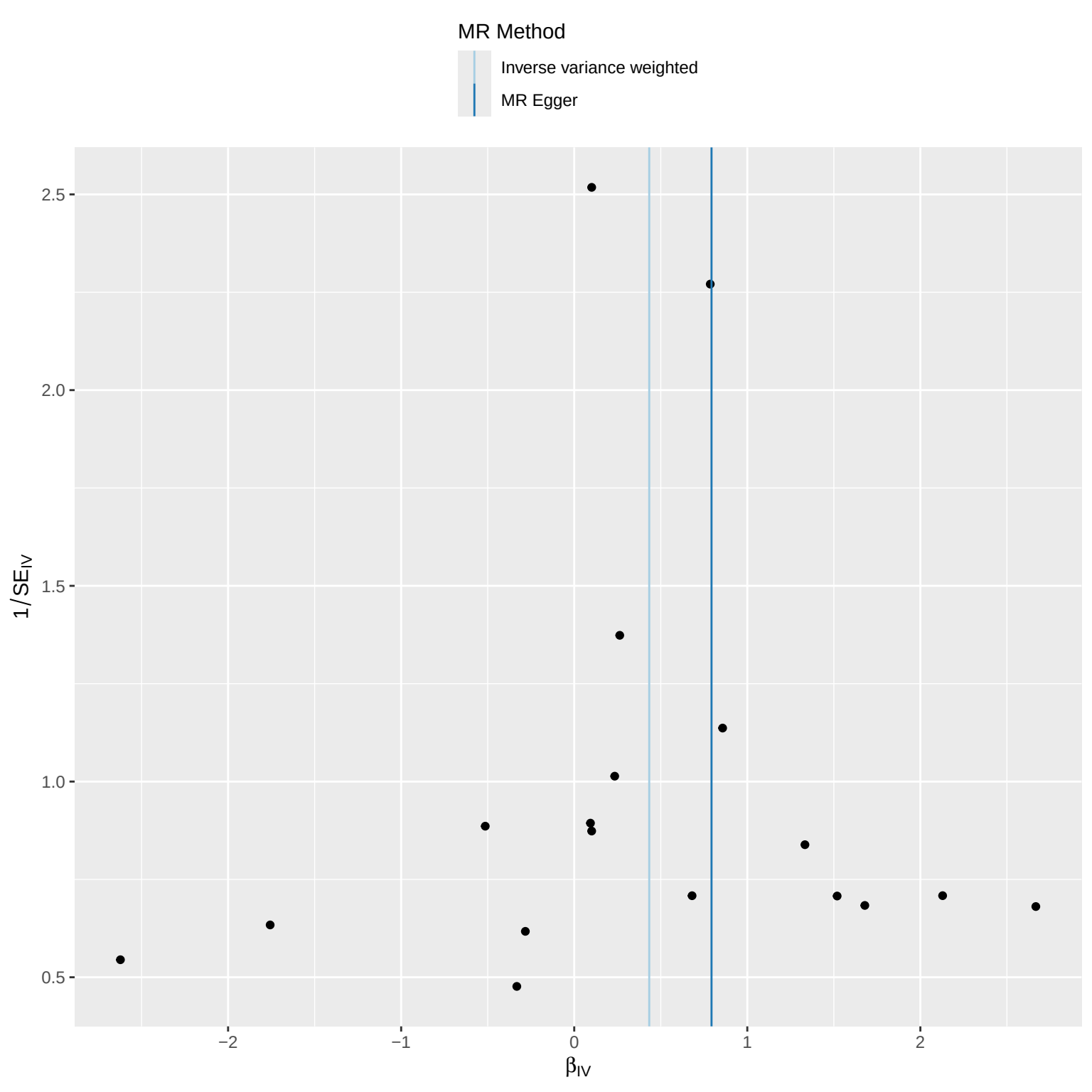

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

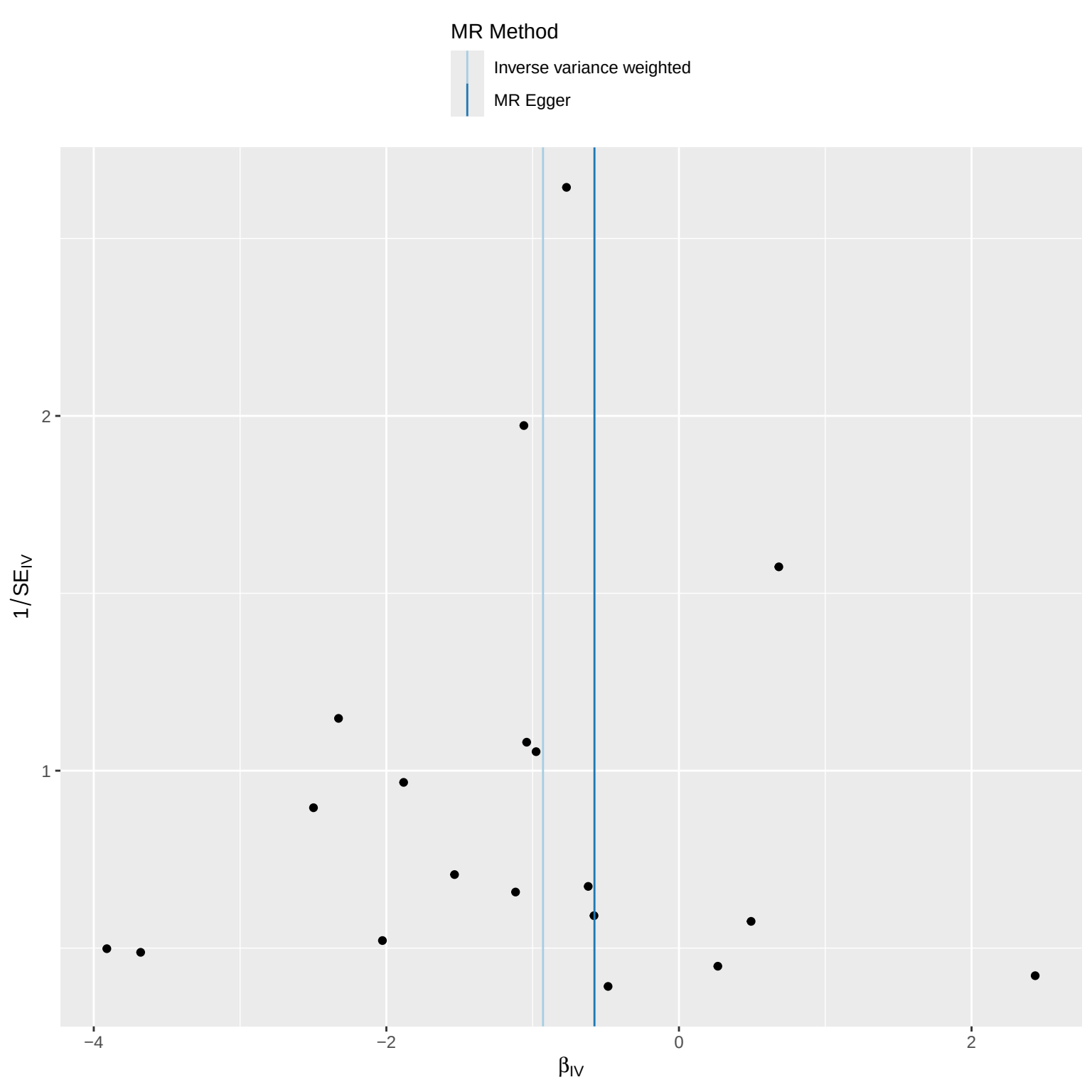

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

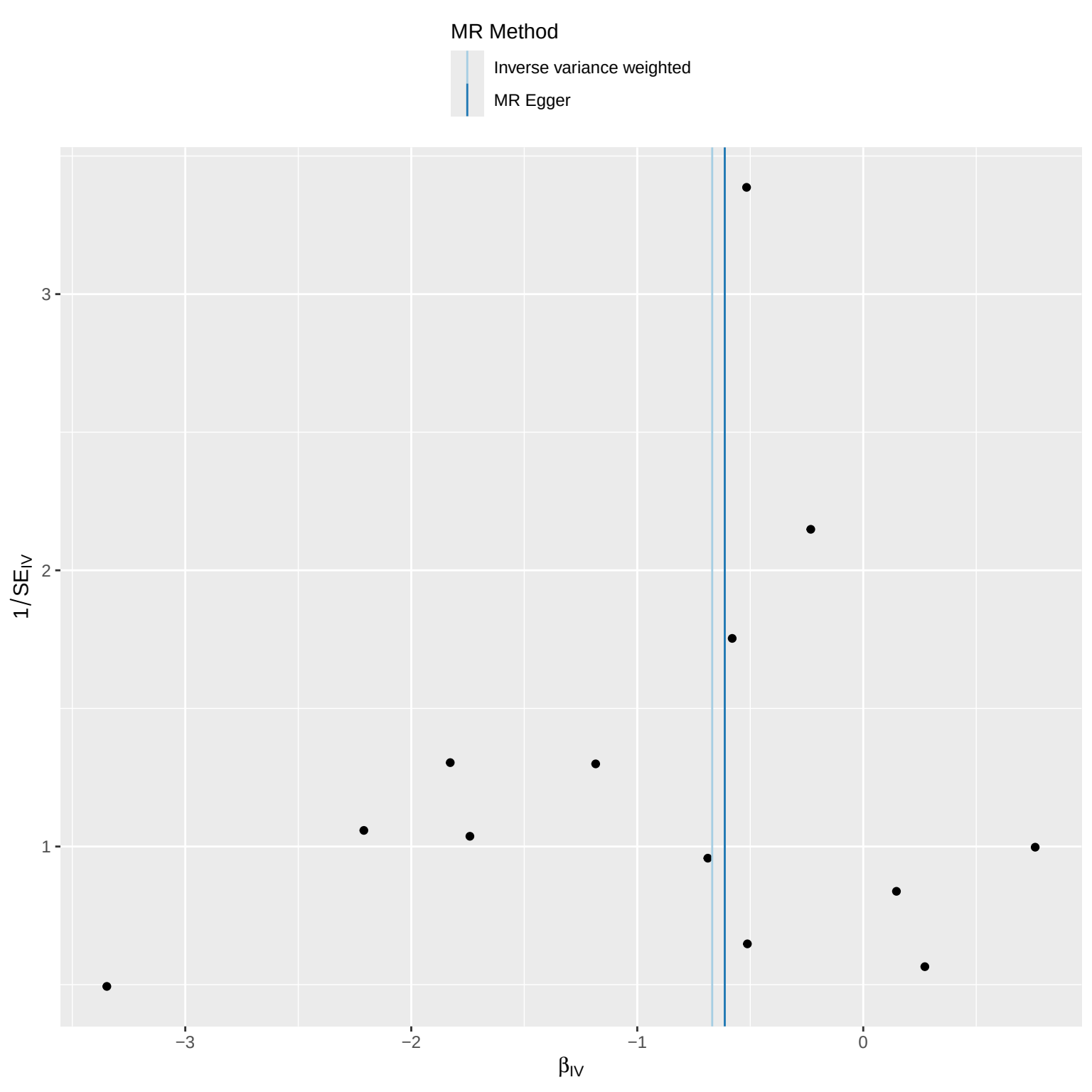

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

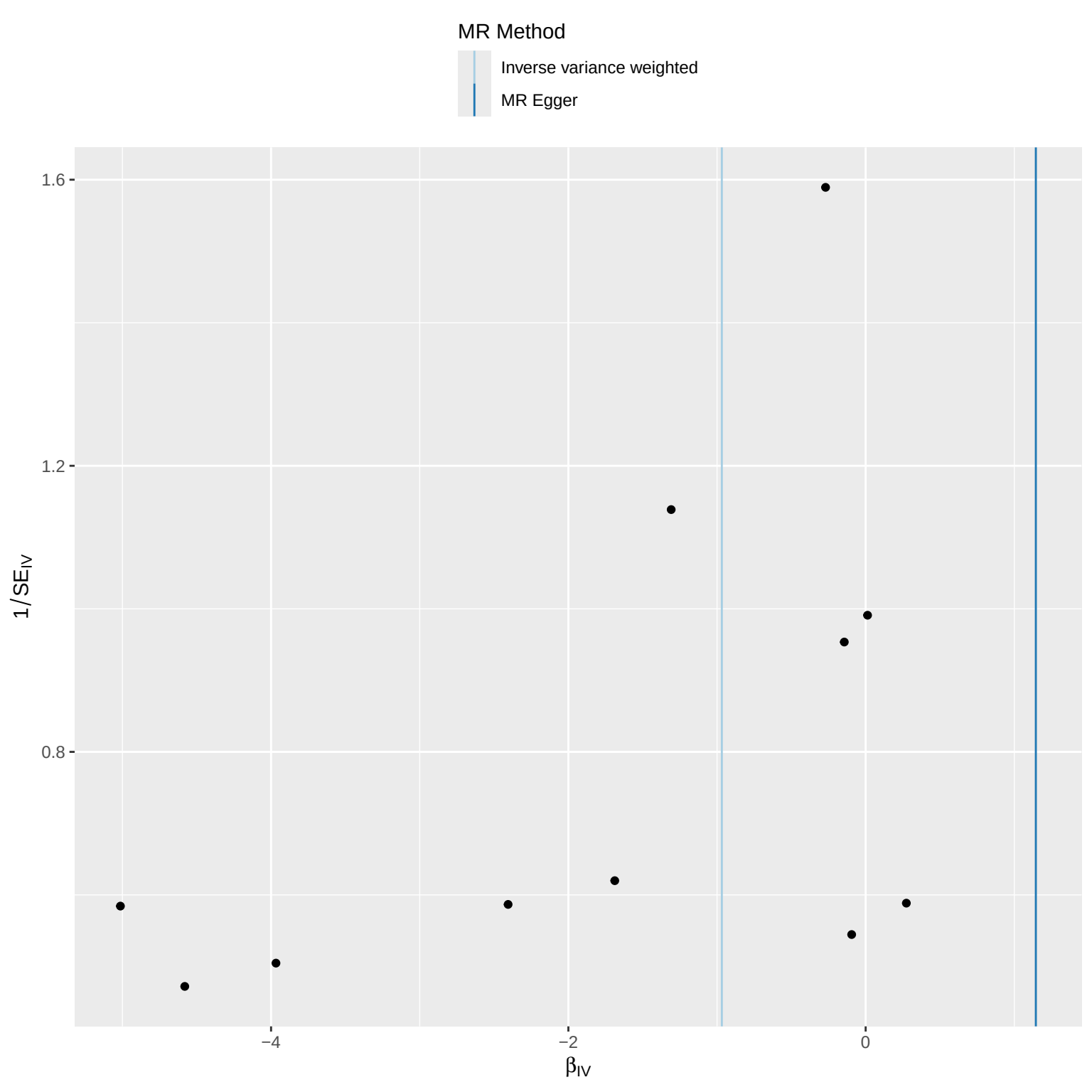

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

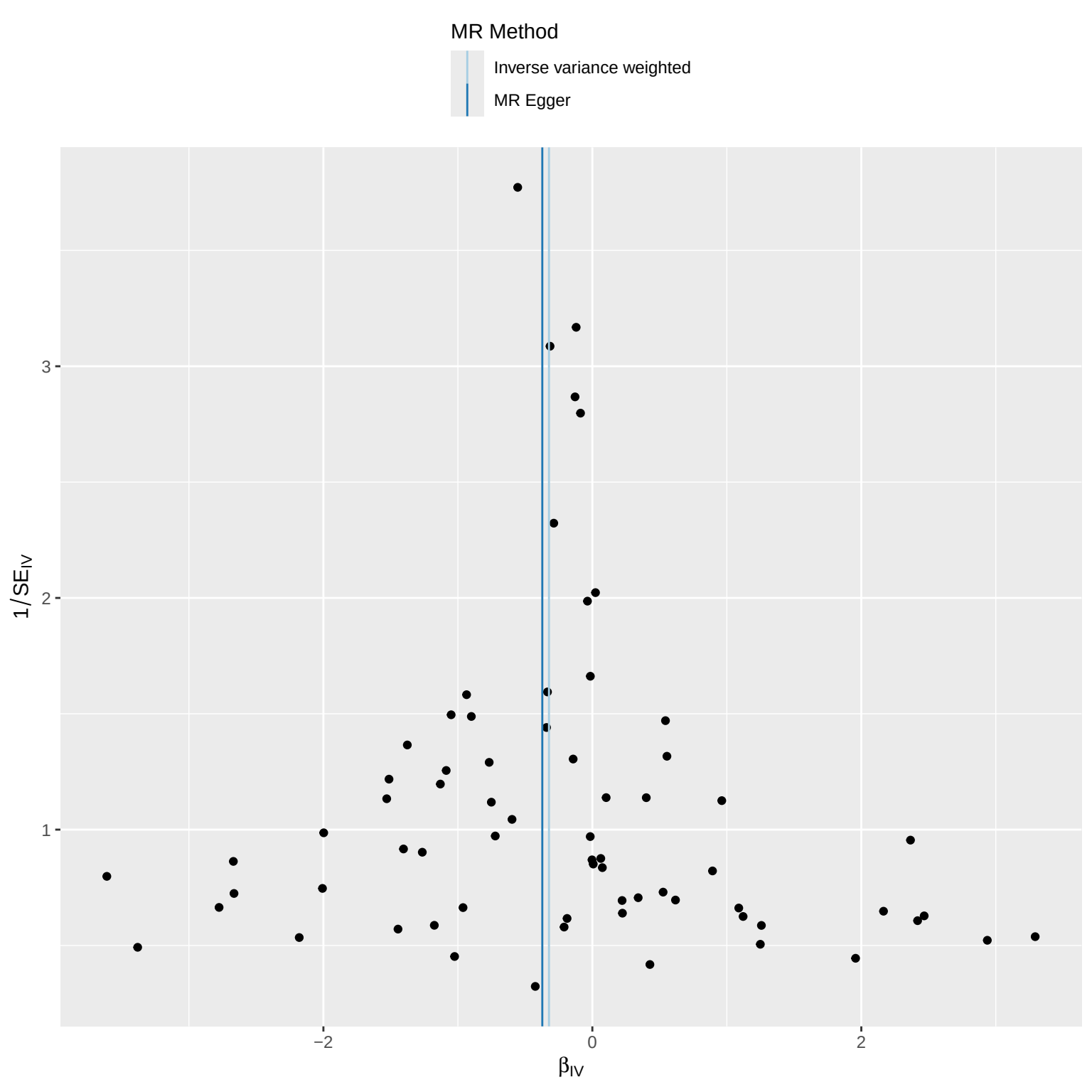

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

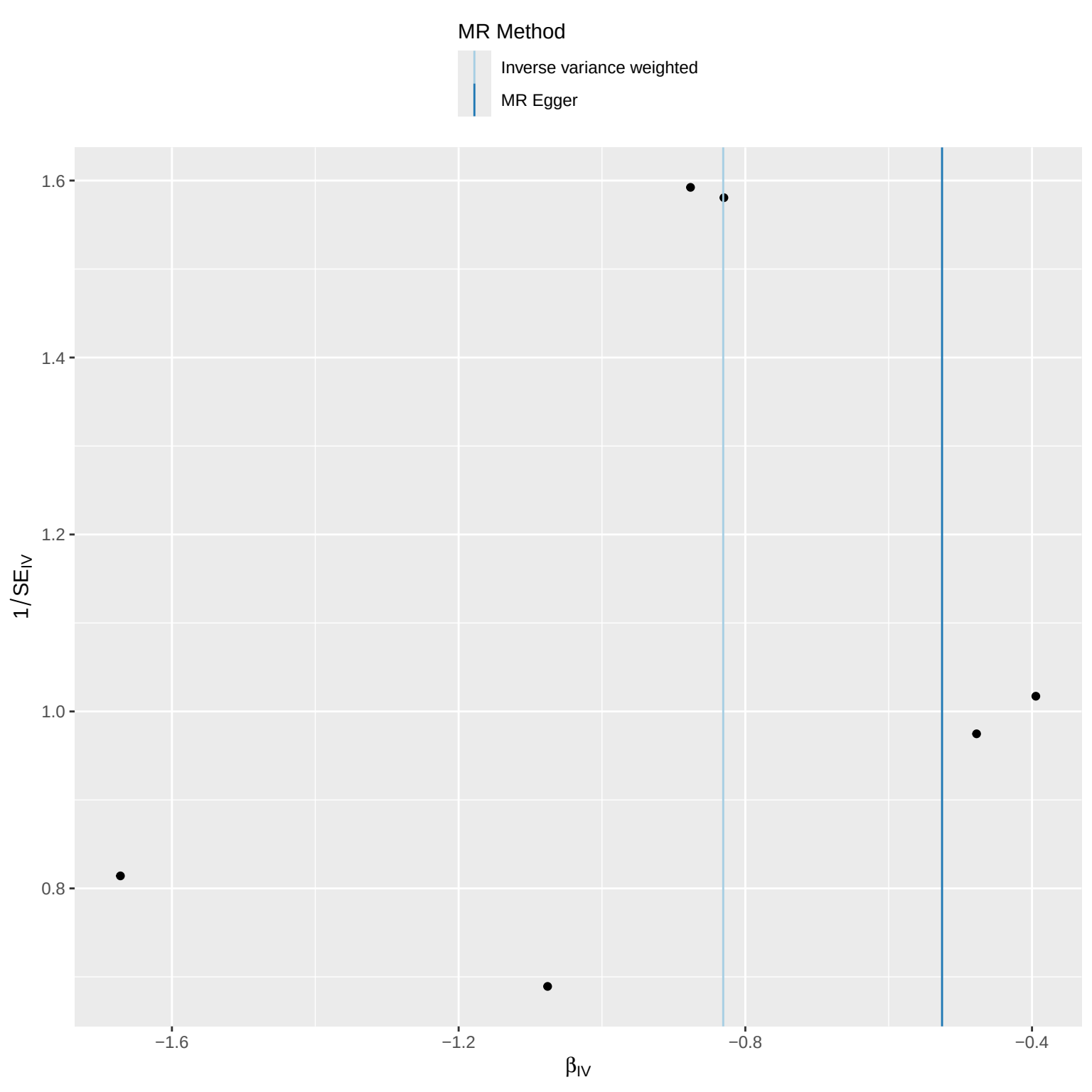

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

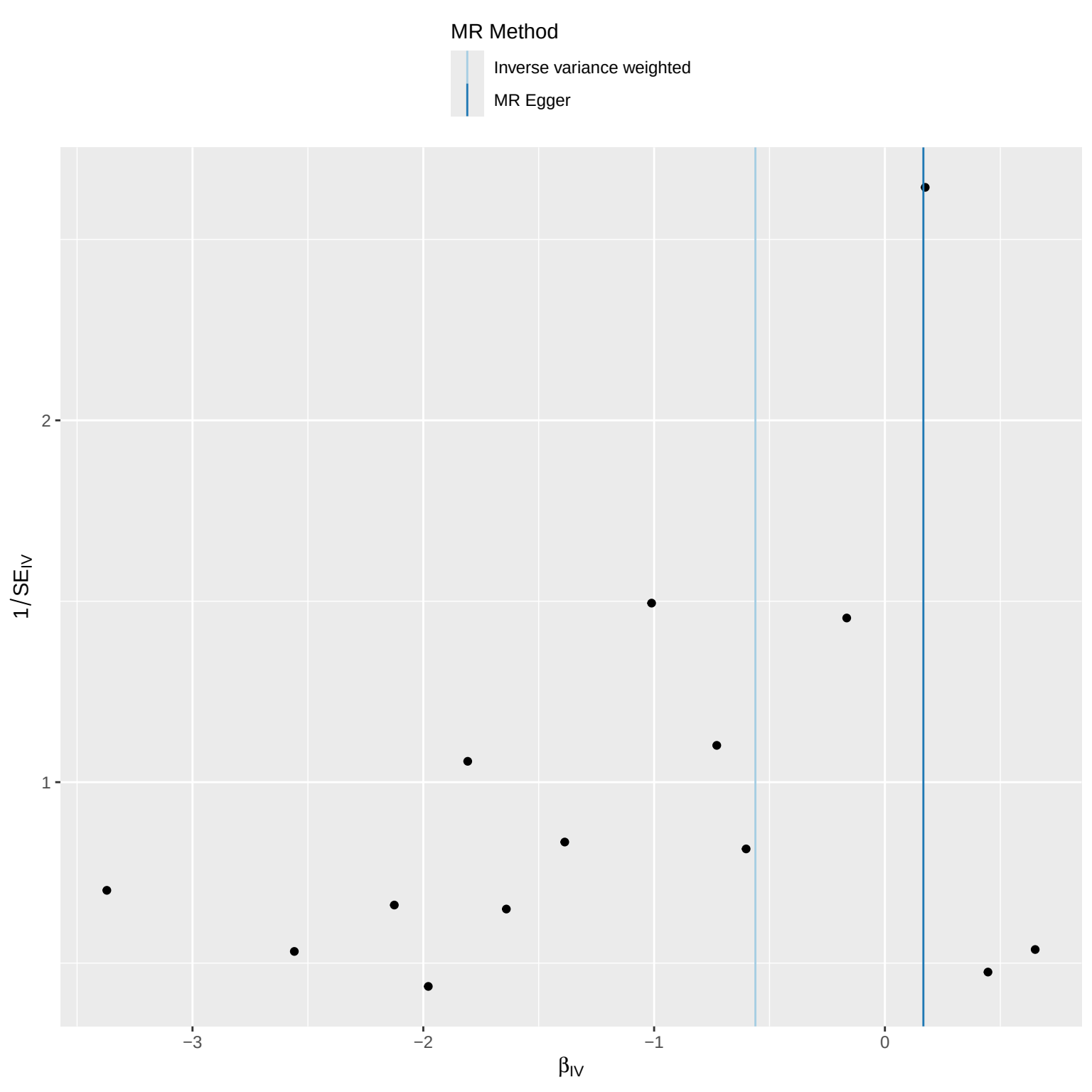

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

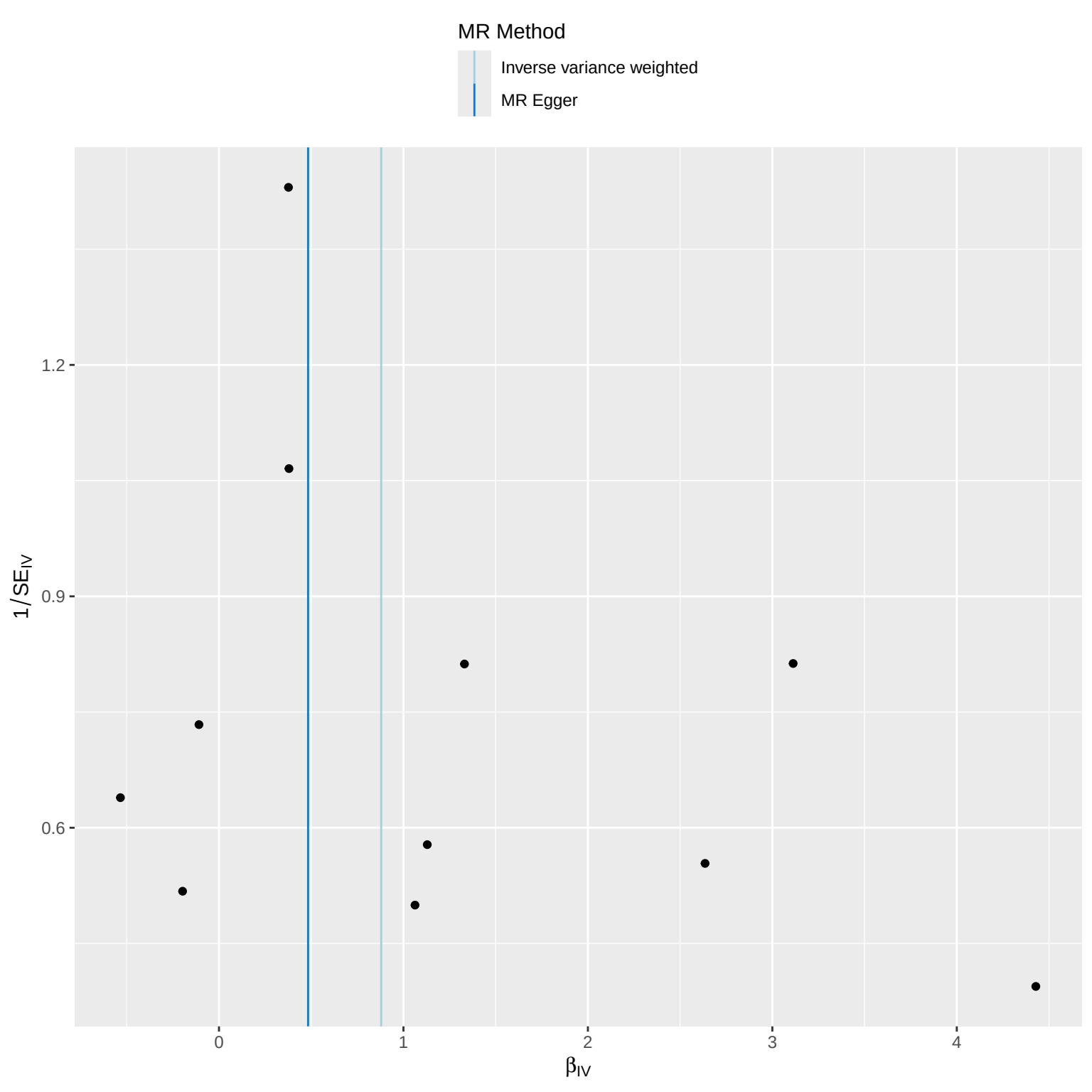

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

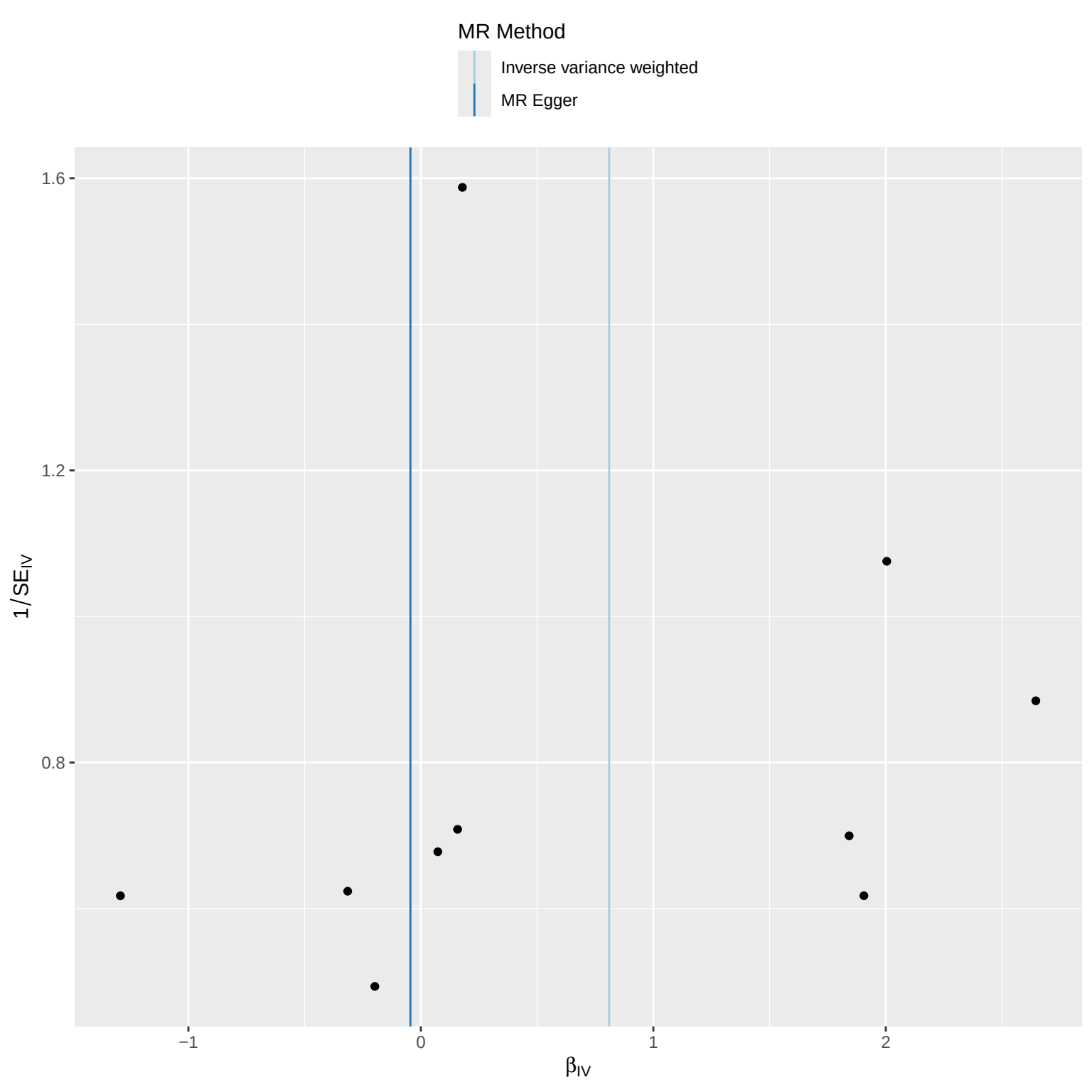

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−4
−2
0
β_IV

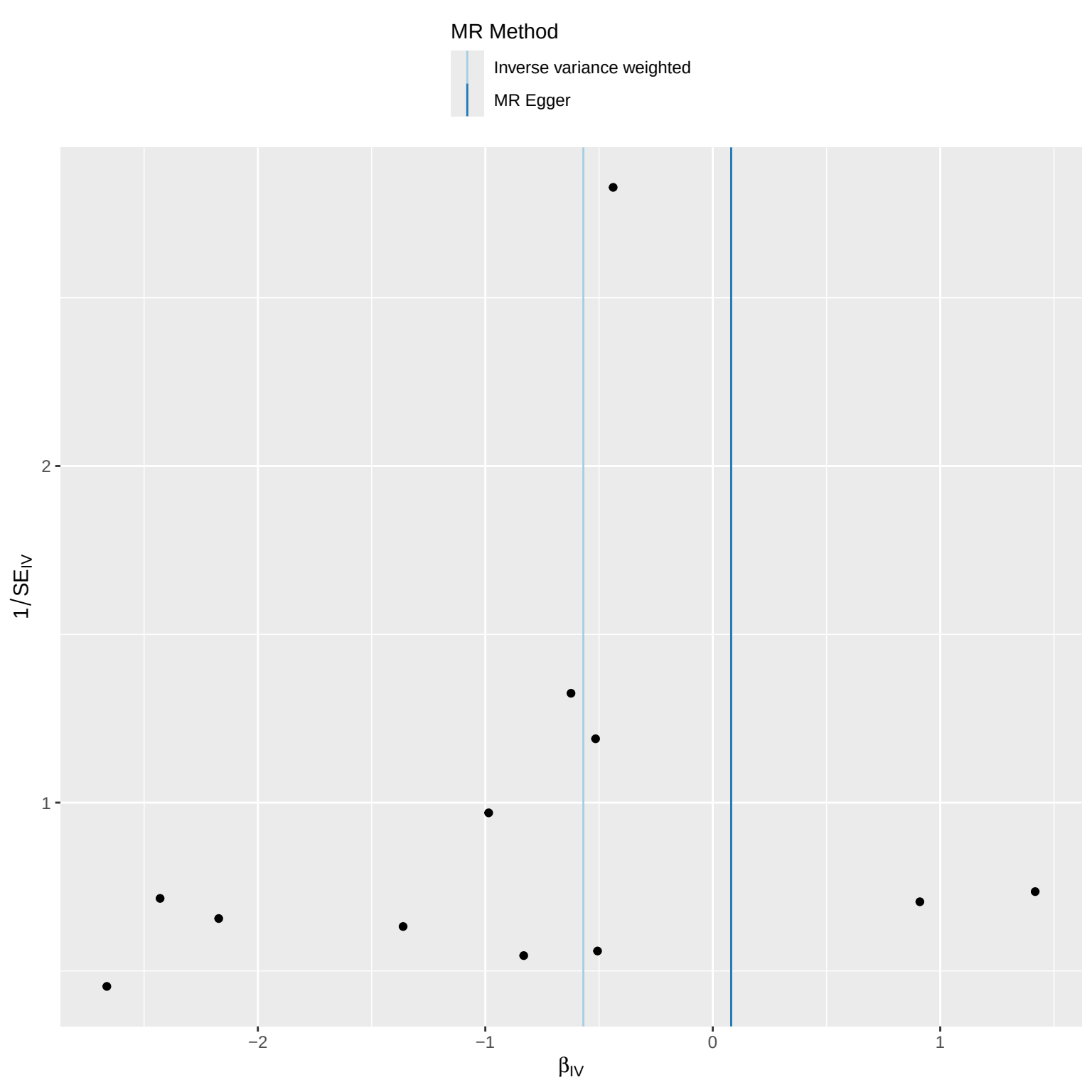

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

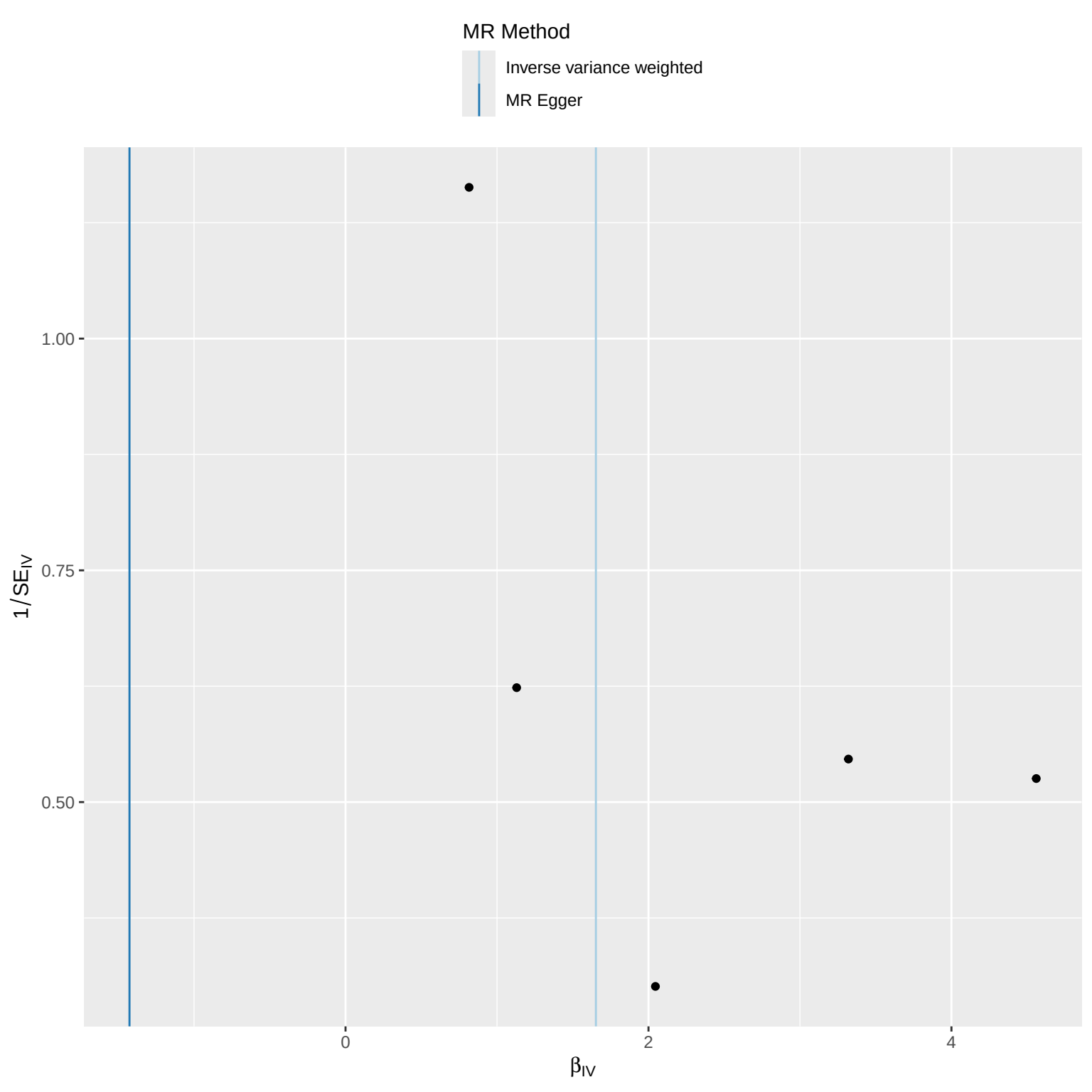

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
1/SE_IV
−1.6
−1.2
−0.8
−0.4
β_IV

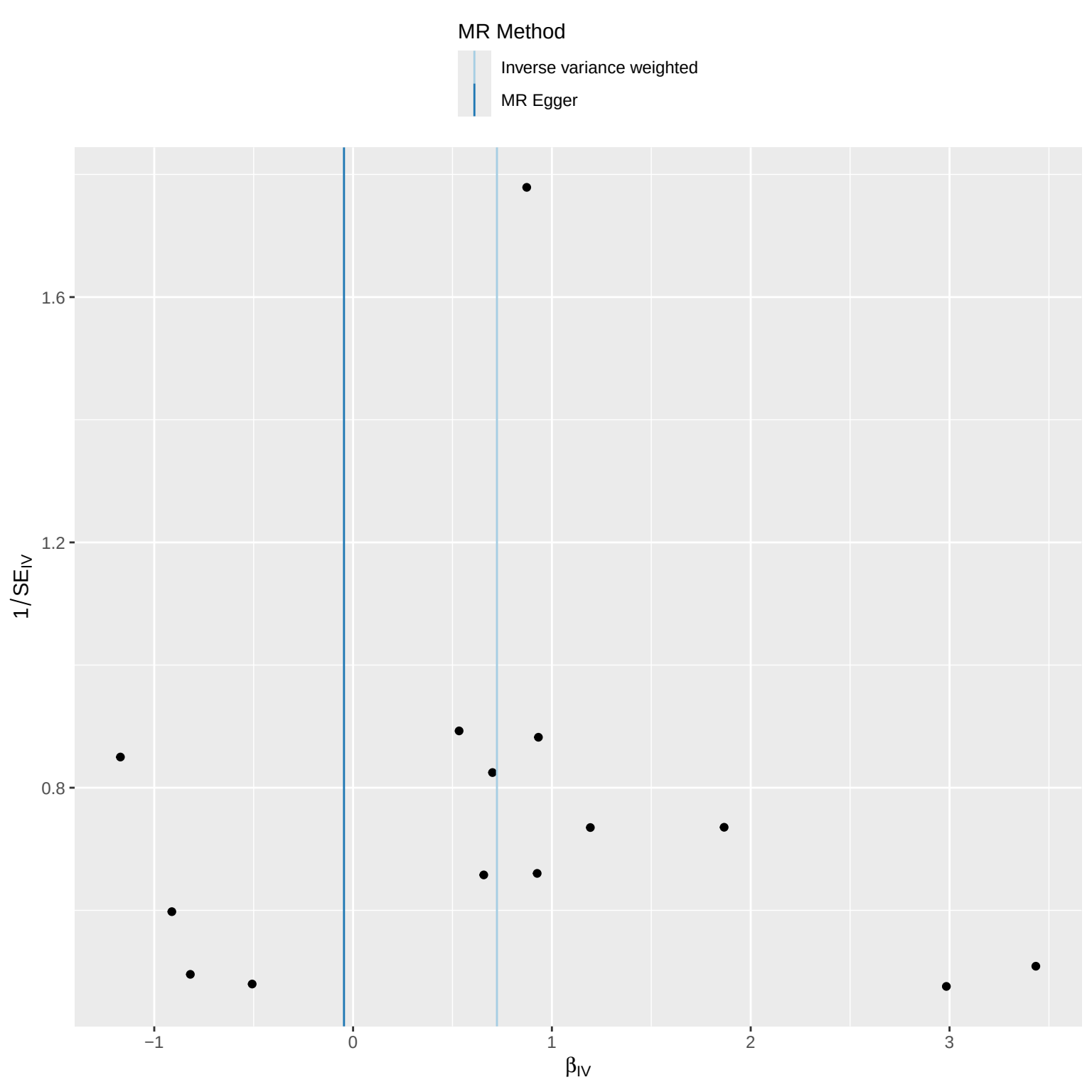

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
β_IV

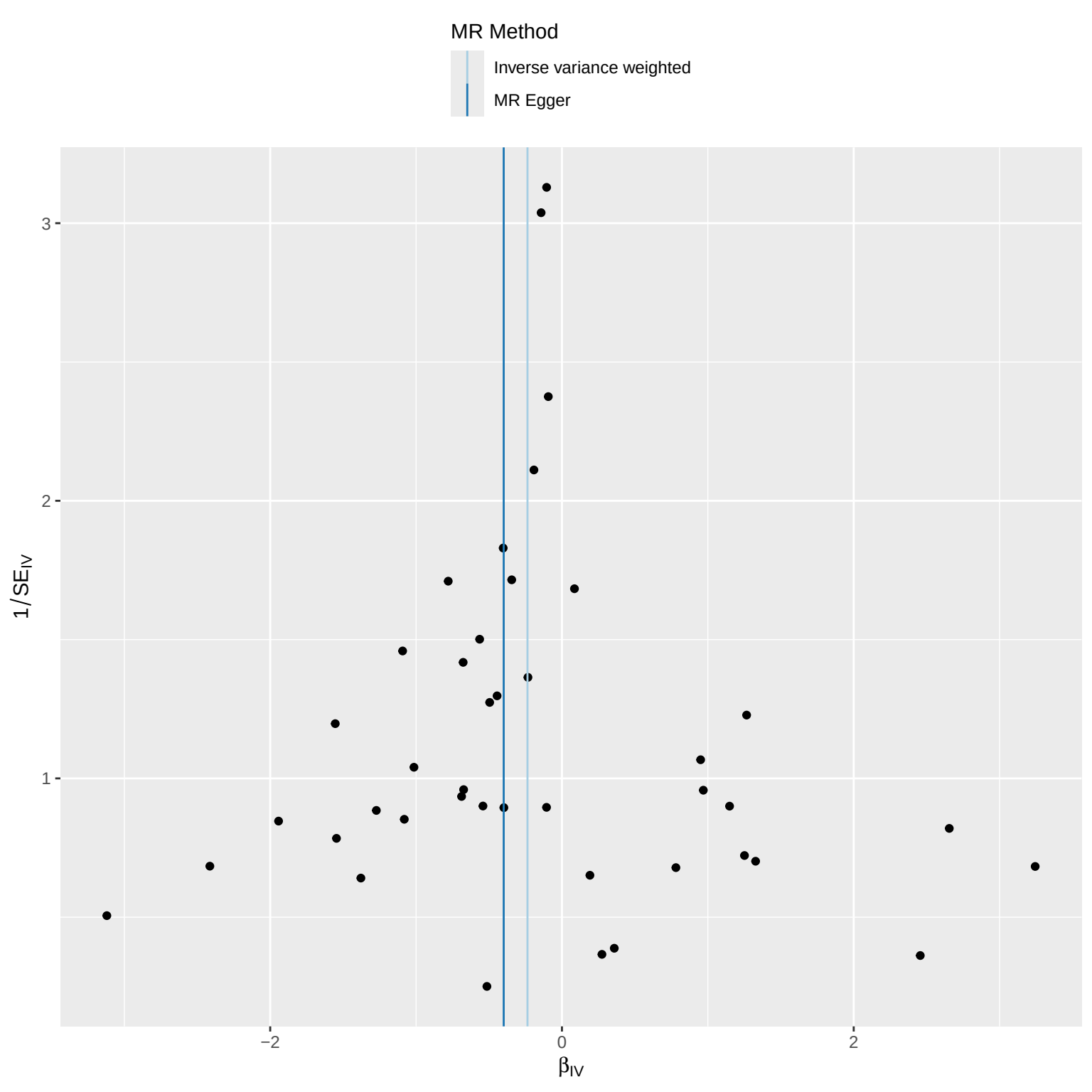

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
0
1
2
3
4
β_IV

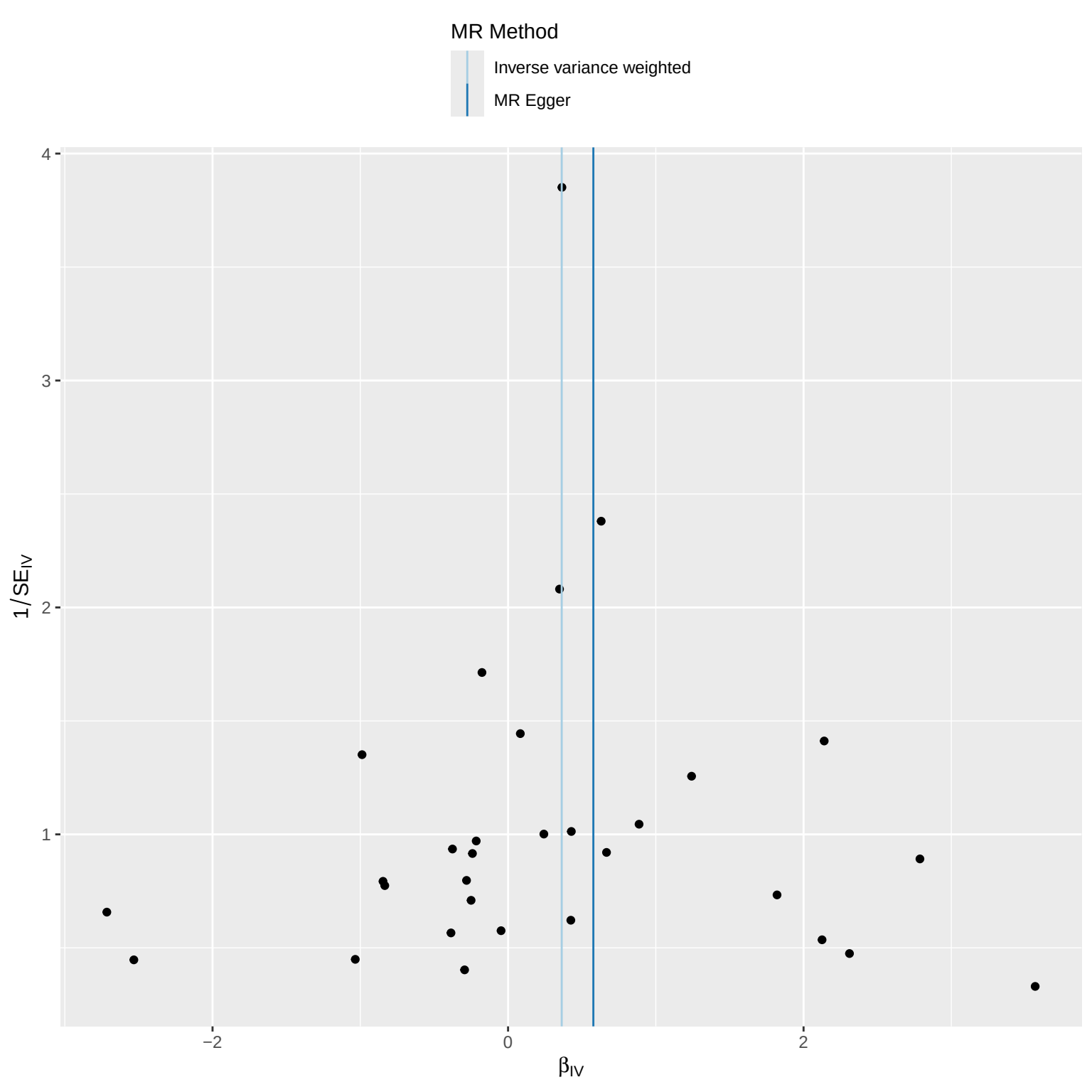

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−1
0
1
2
β_IV

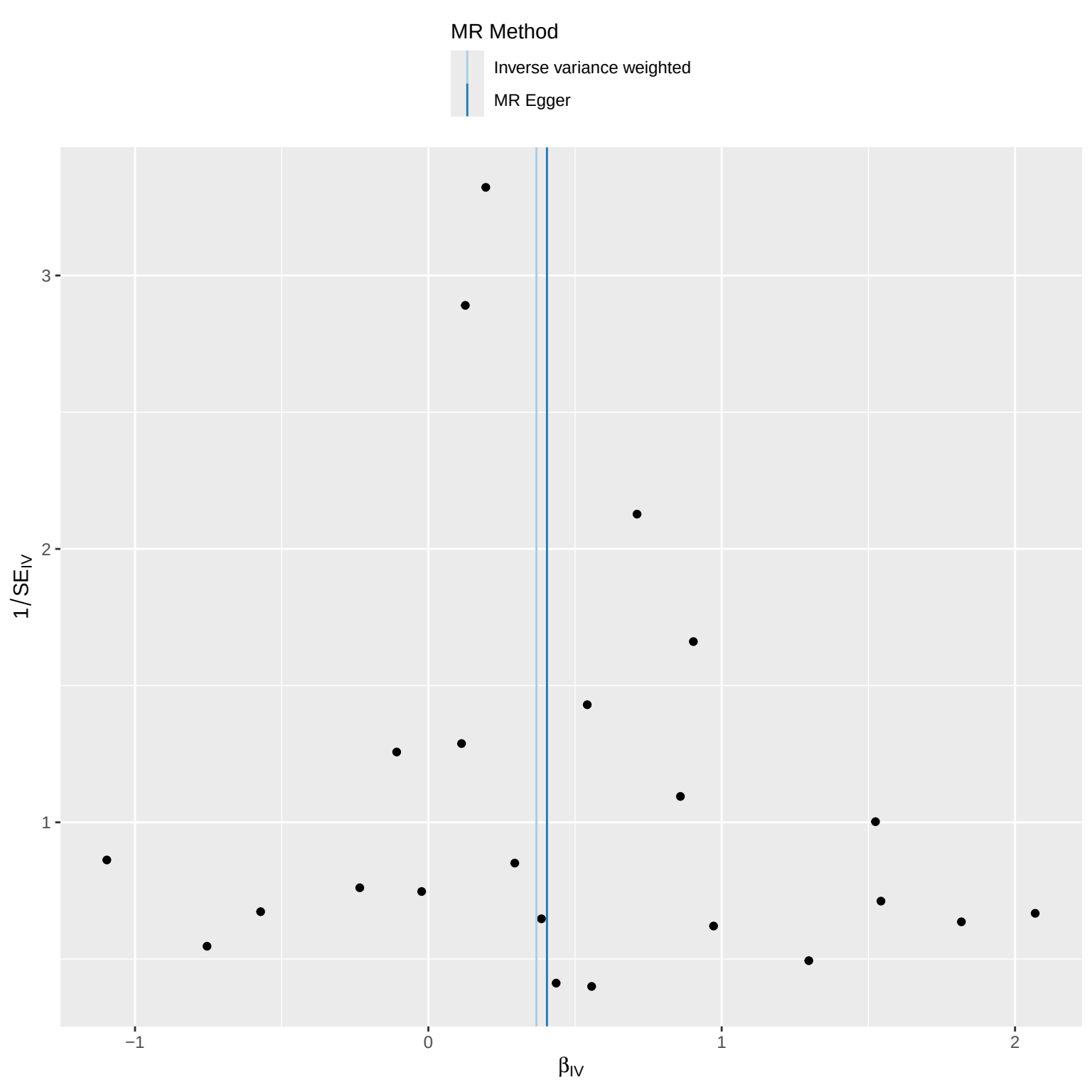

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

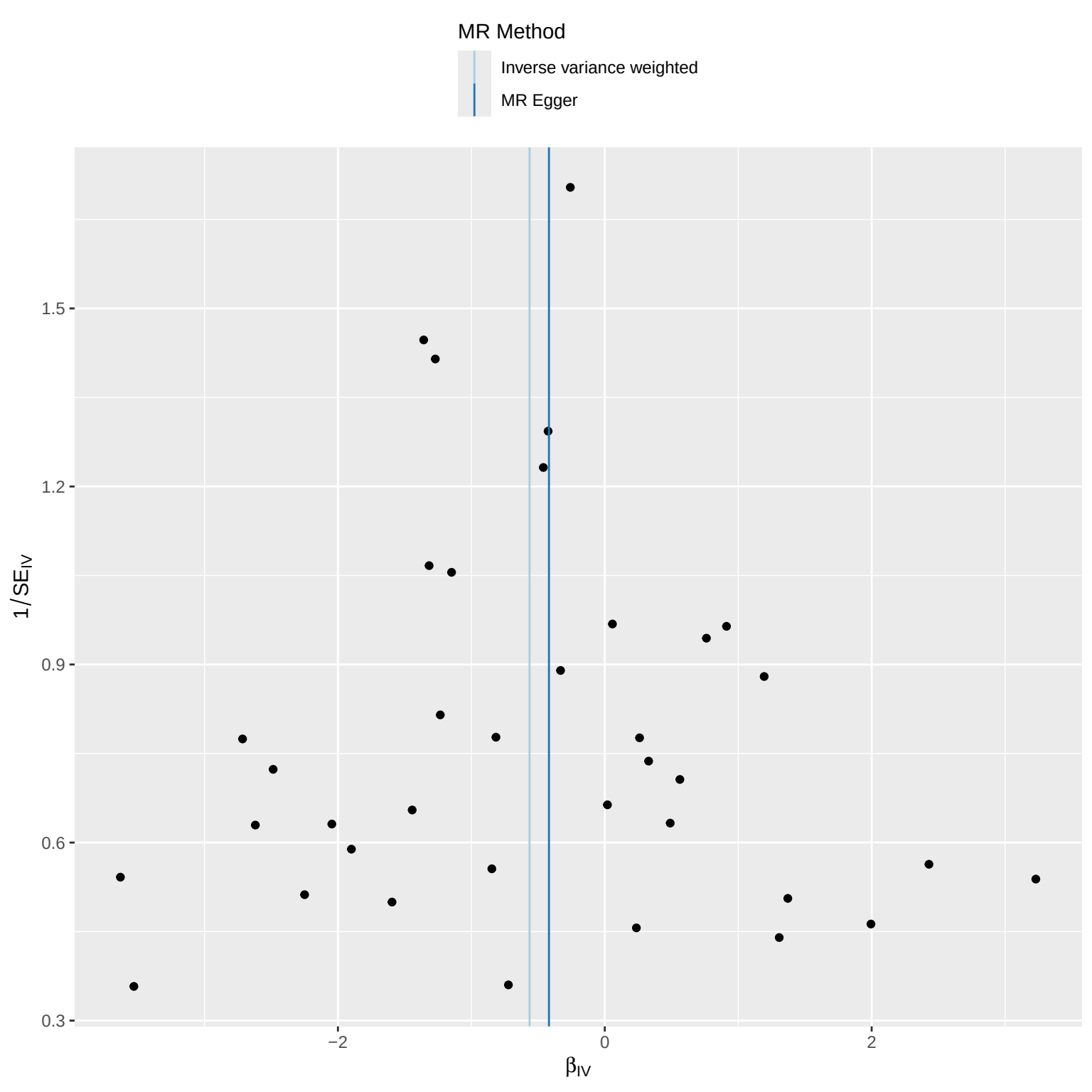

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
0
2
4
β_IV

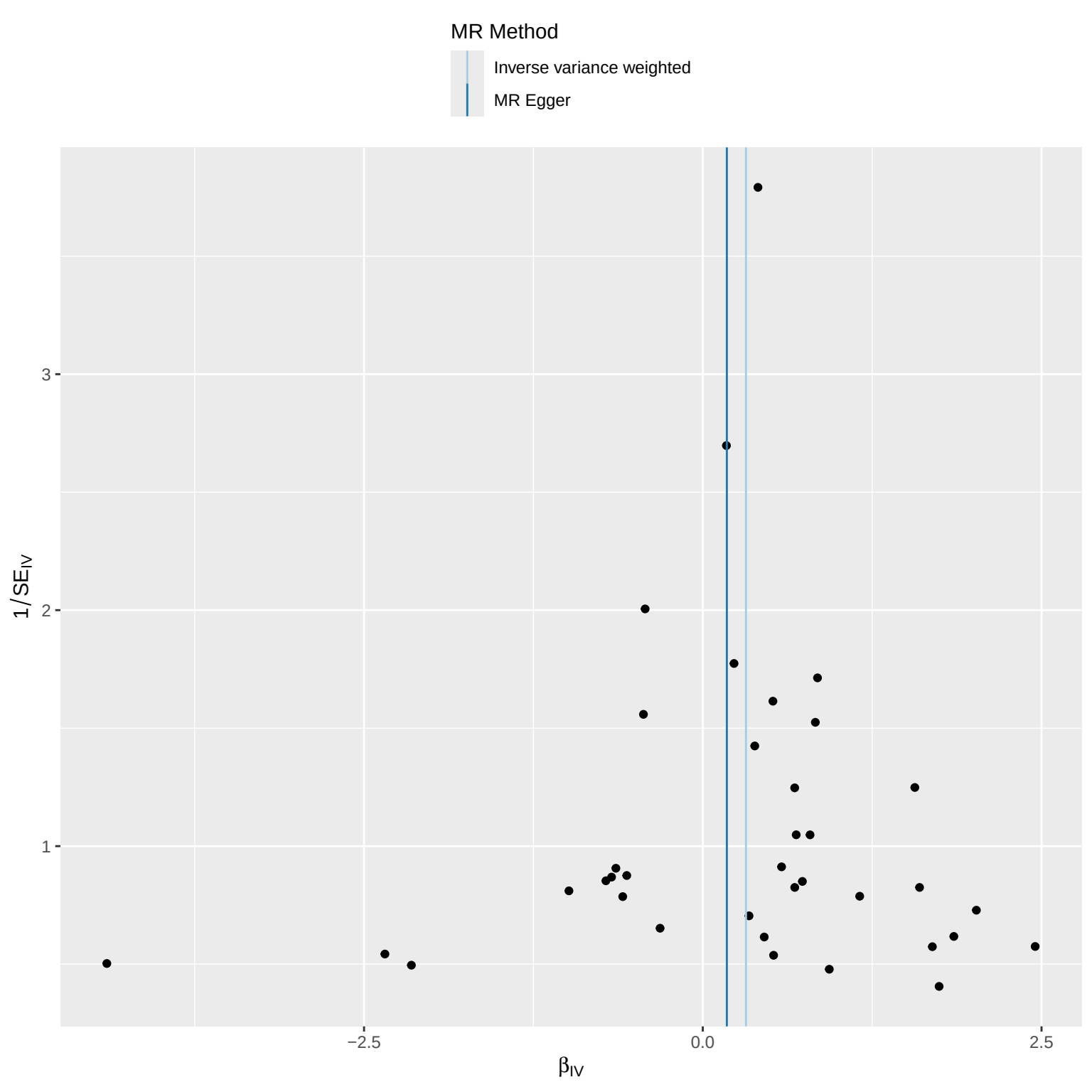

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−1
0
1
2
3
β_IV

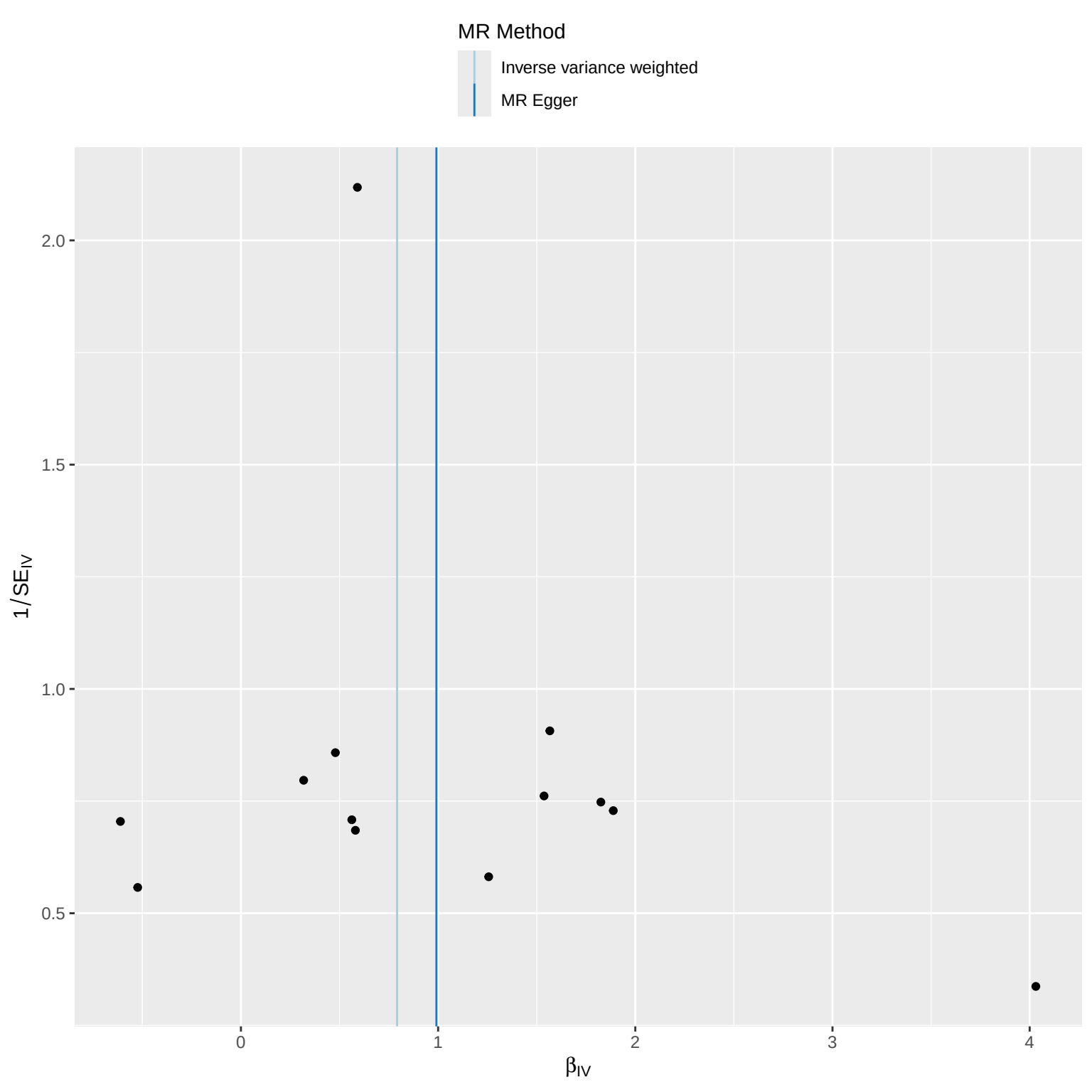

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

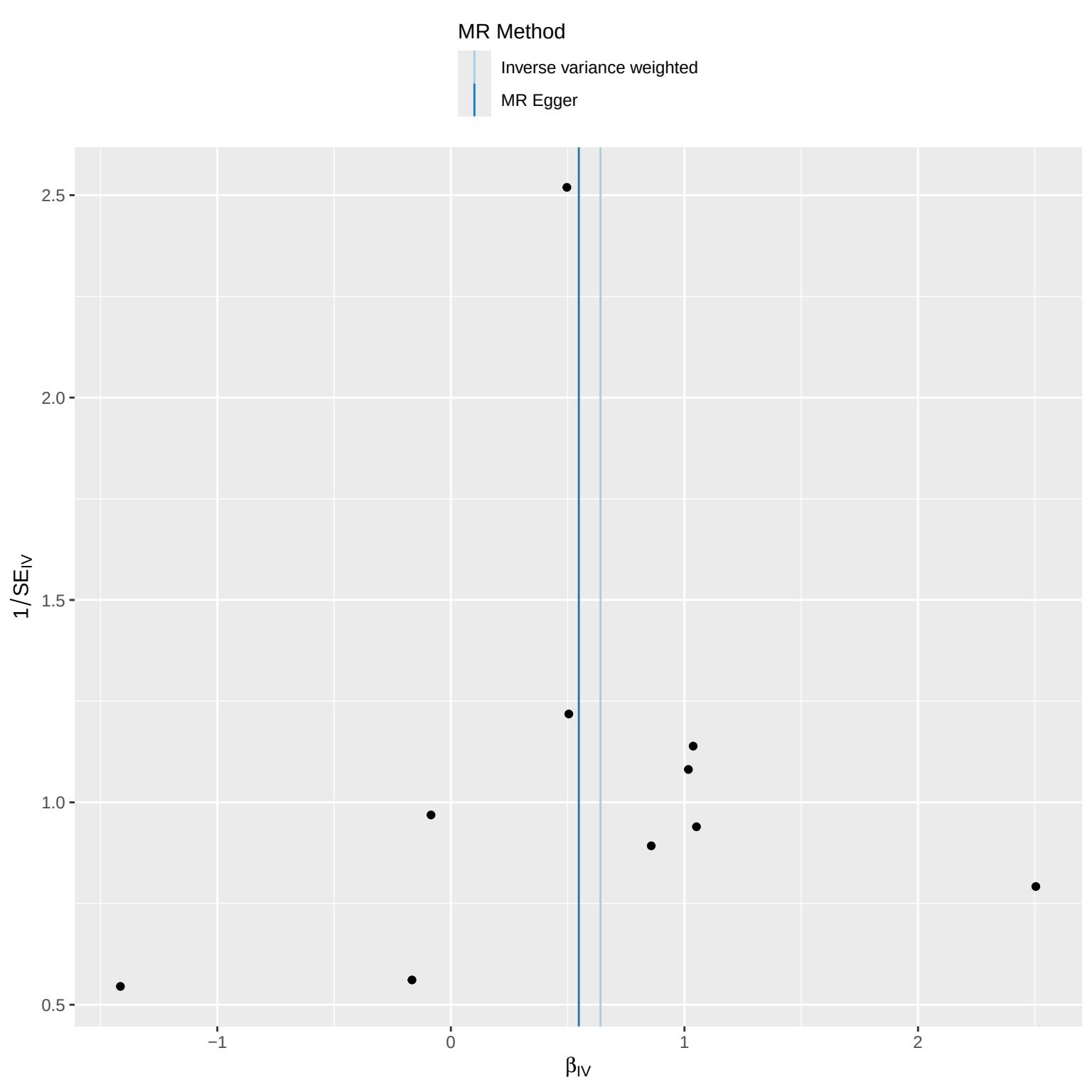

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

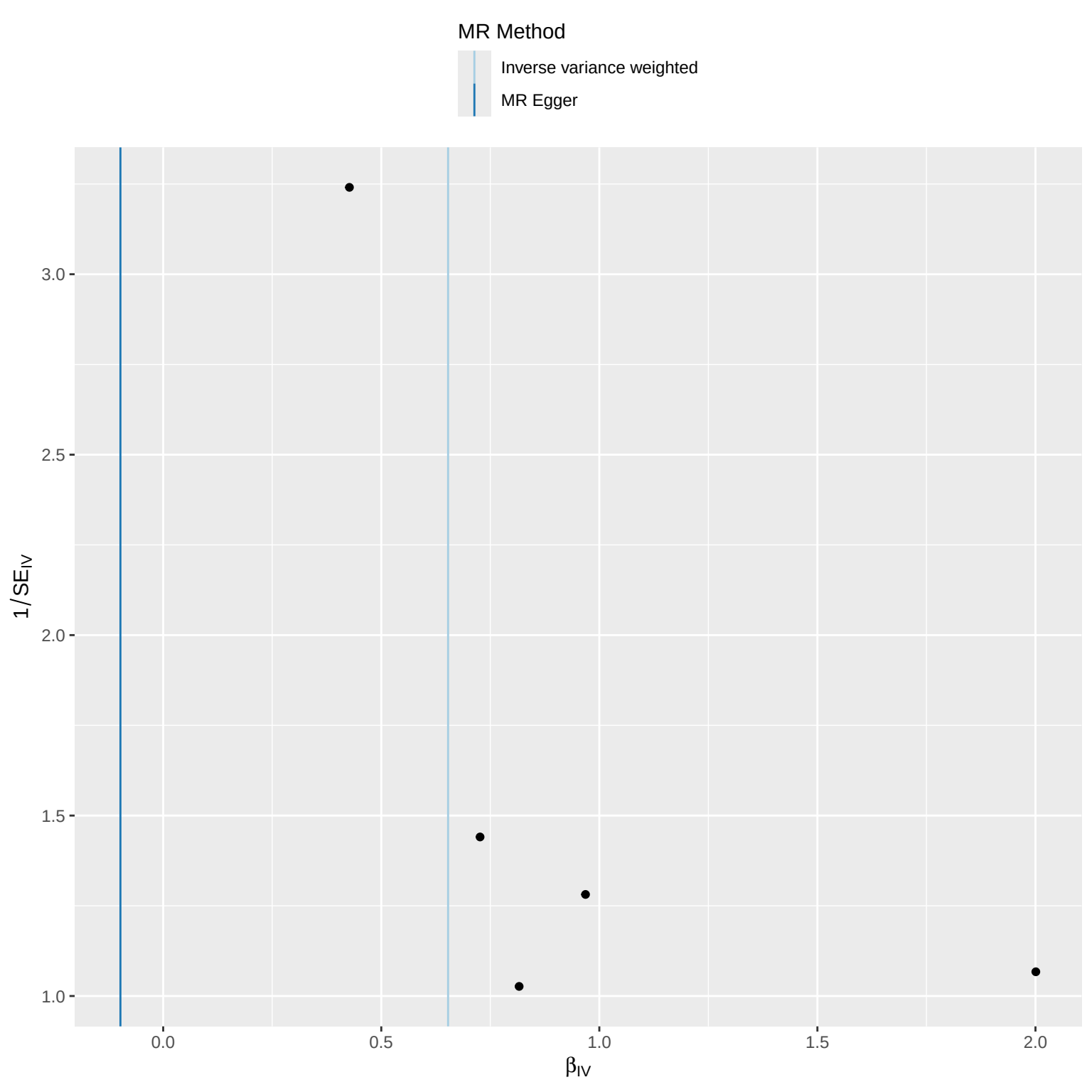

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

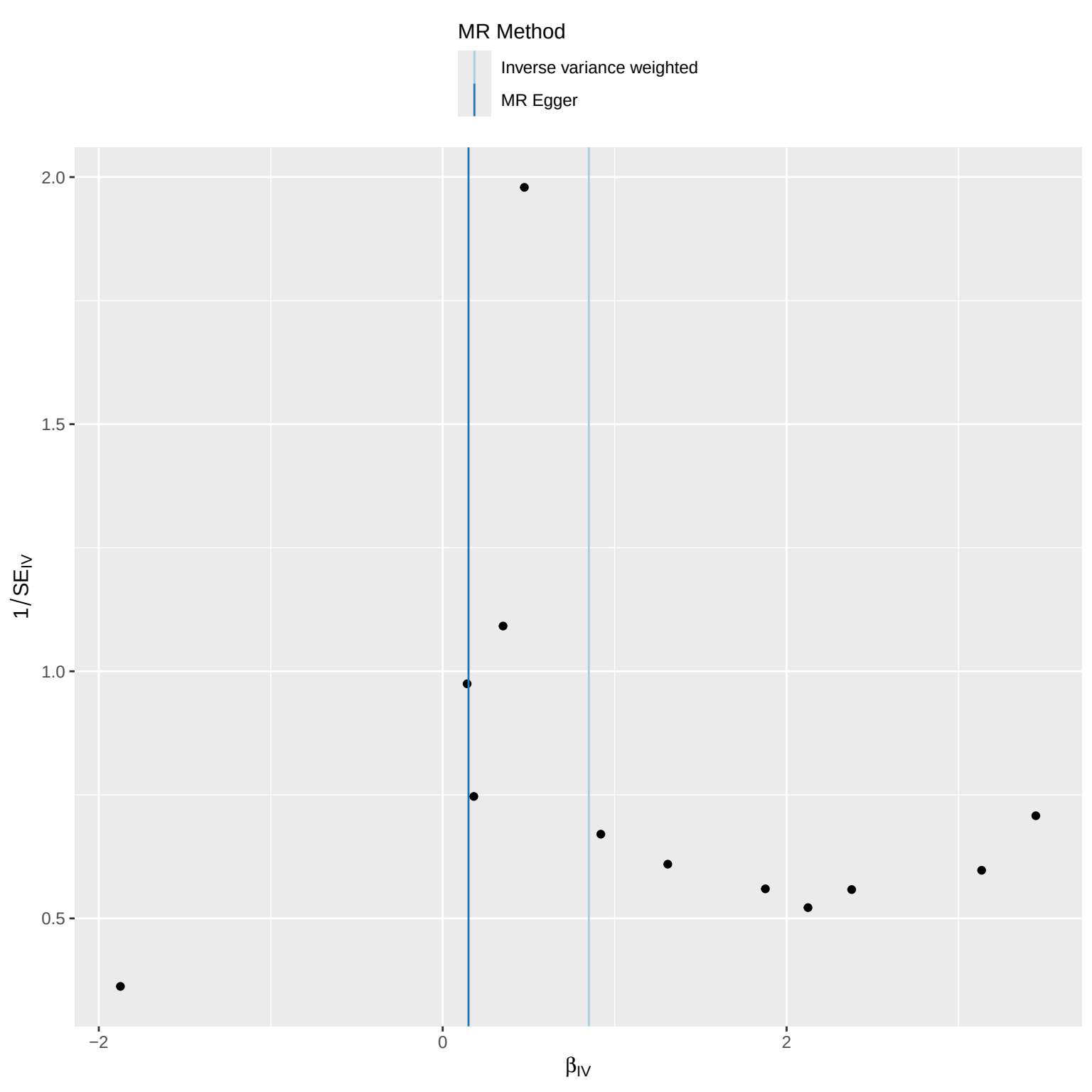

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−2
0
2
β_IV

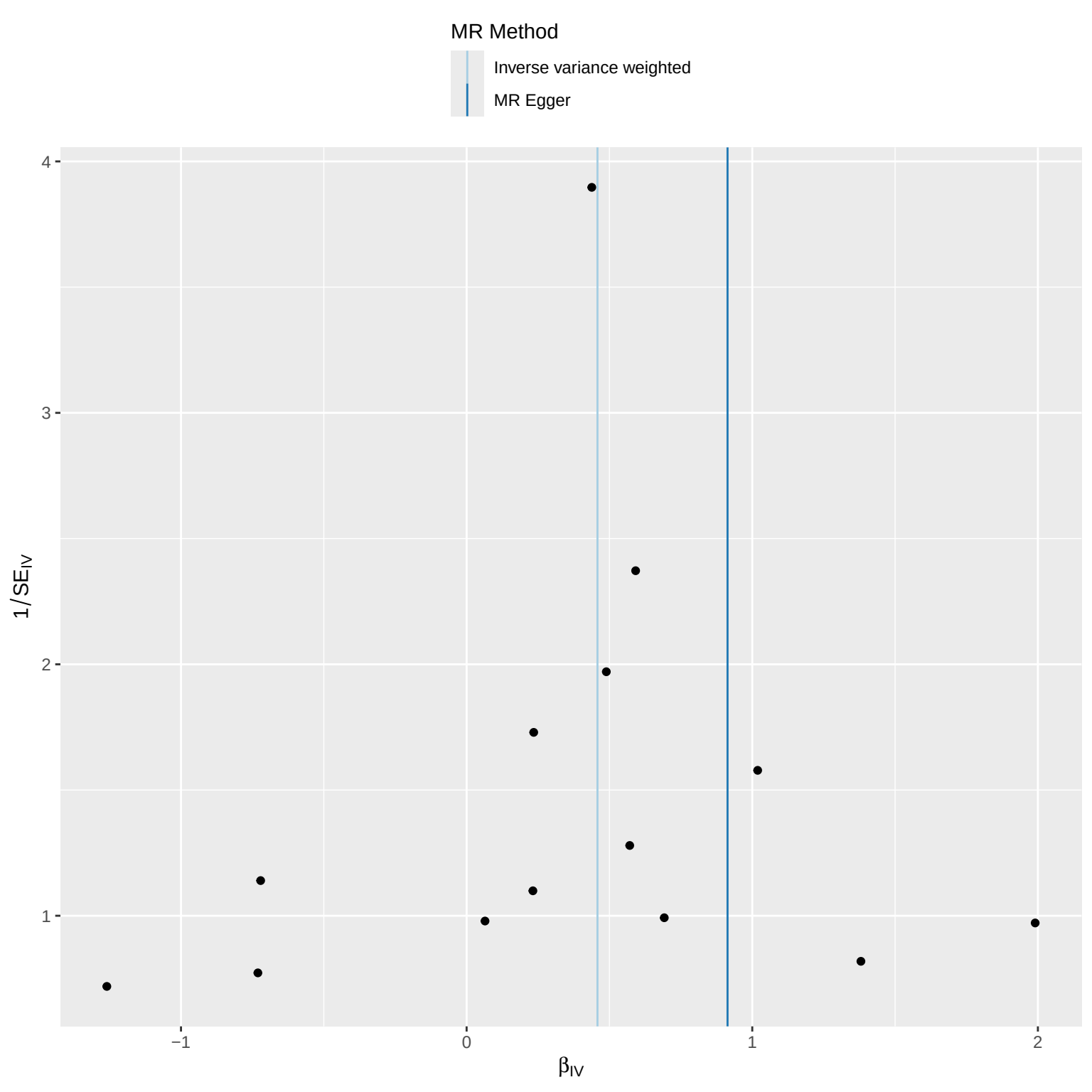

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2.5
0.0
2.5
β_{IV}

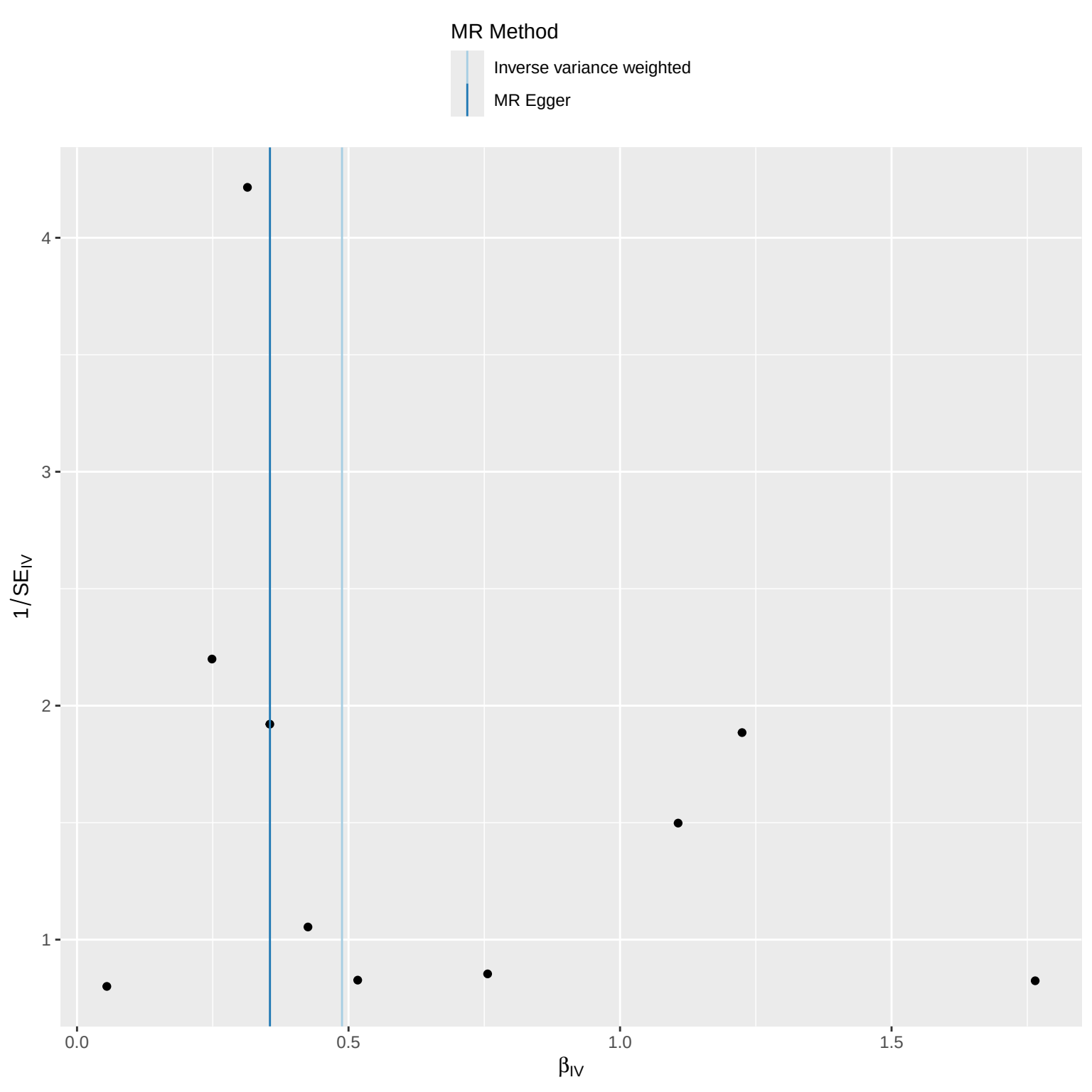

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
β_IV

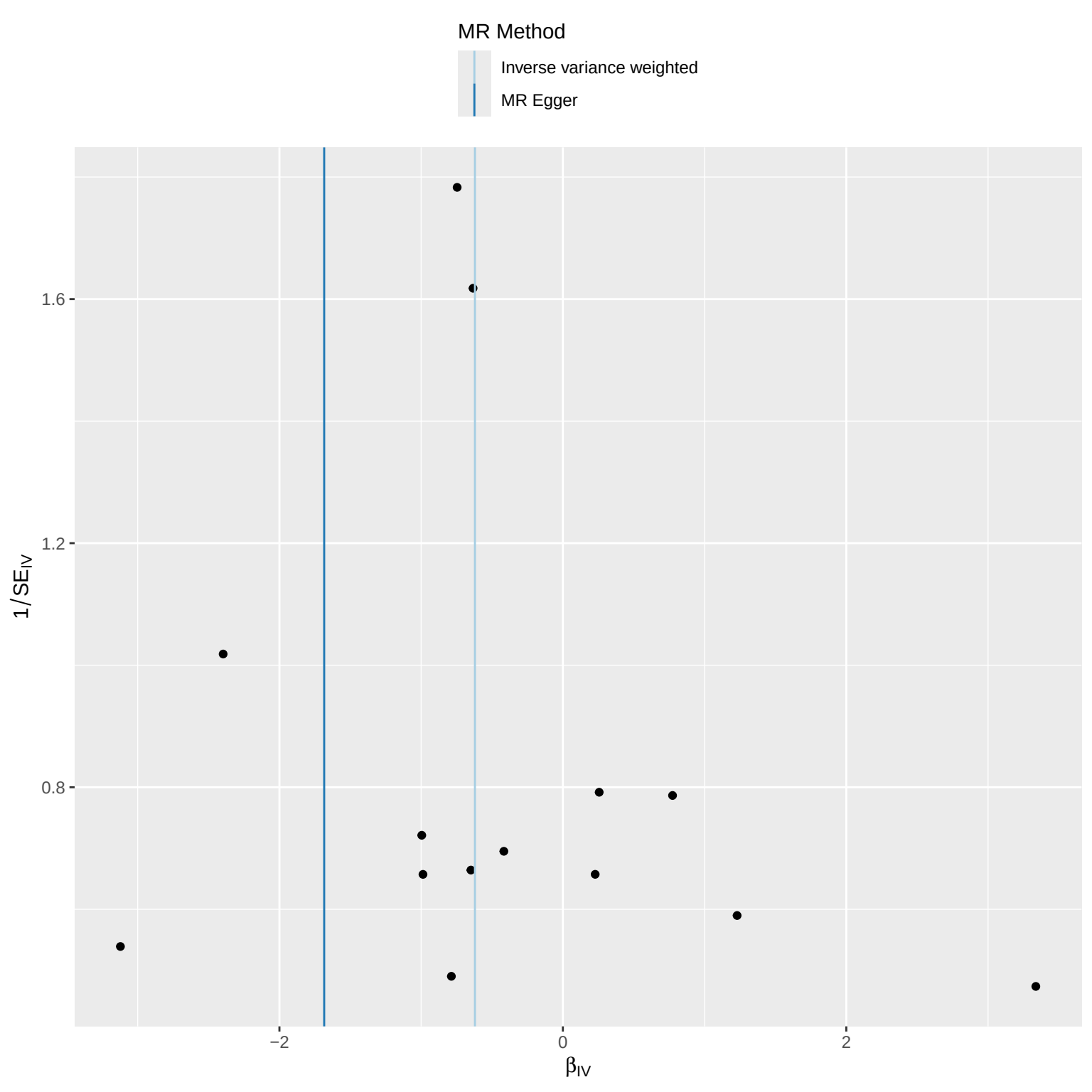

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

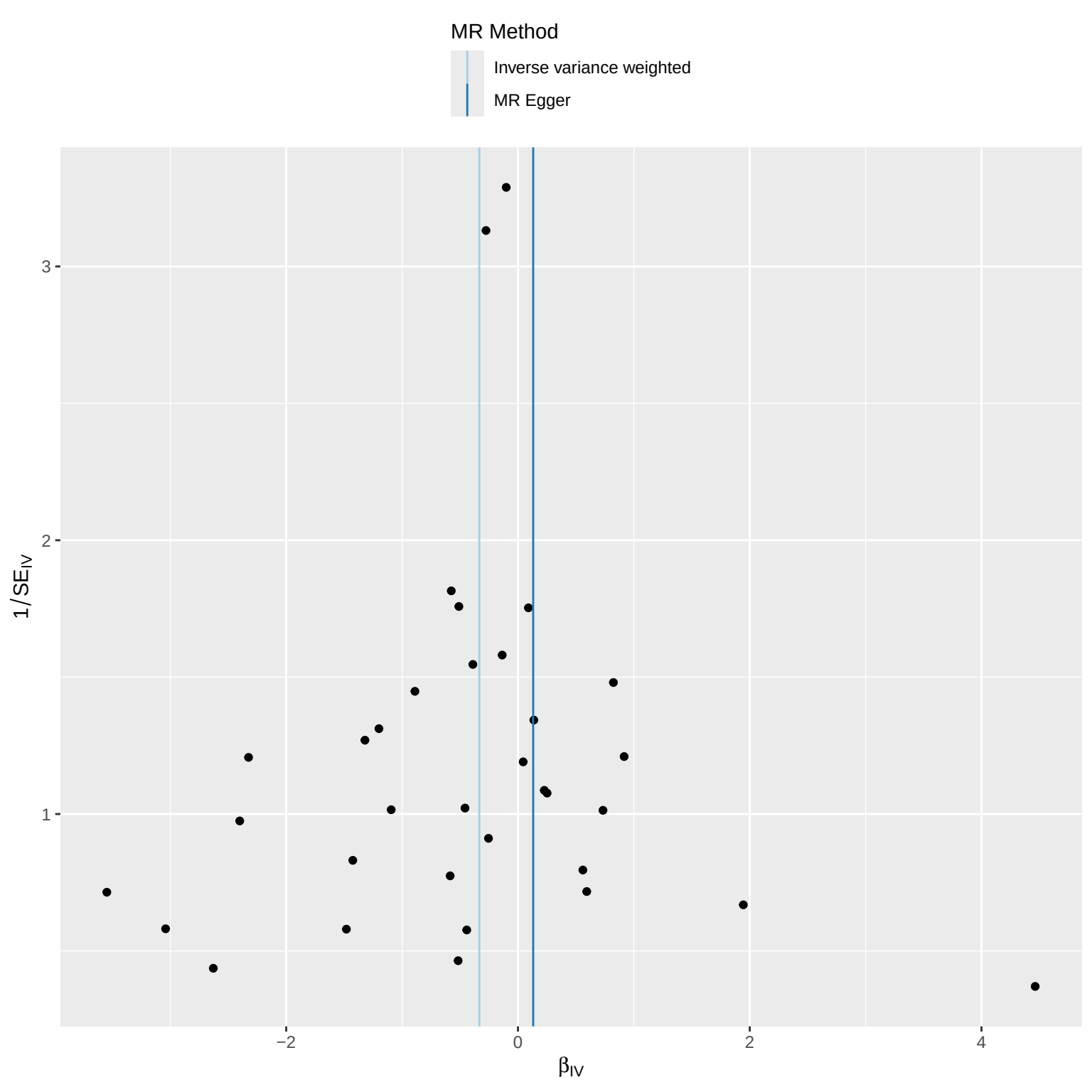

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

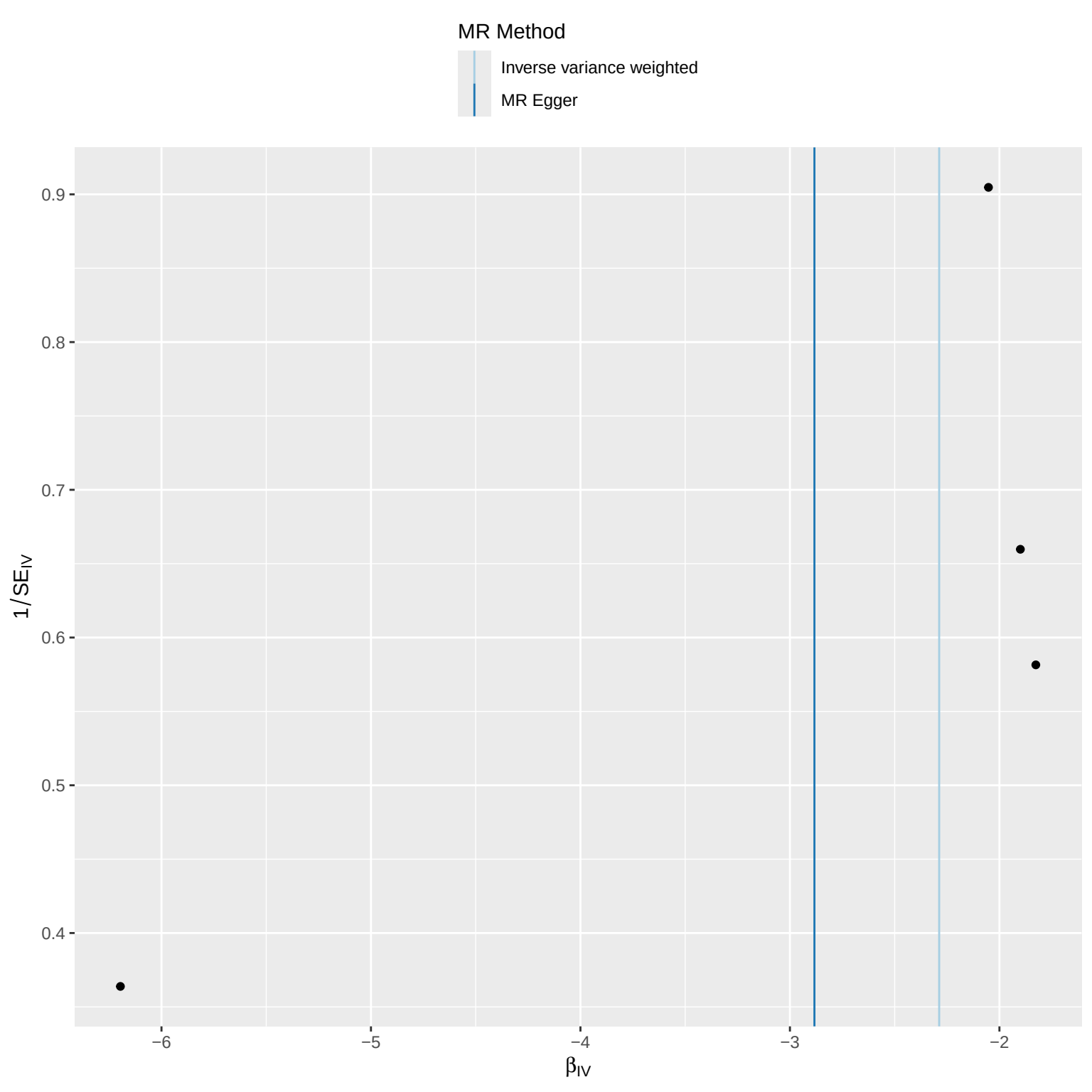

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

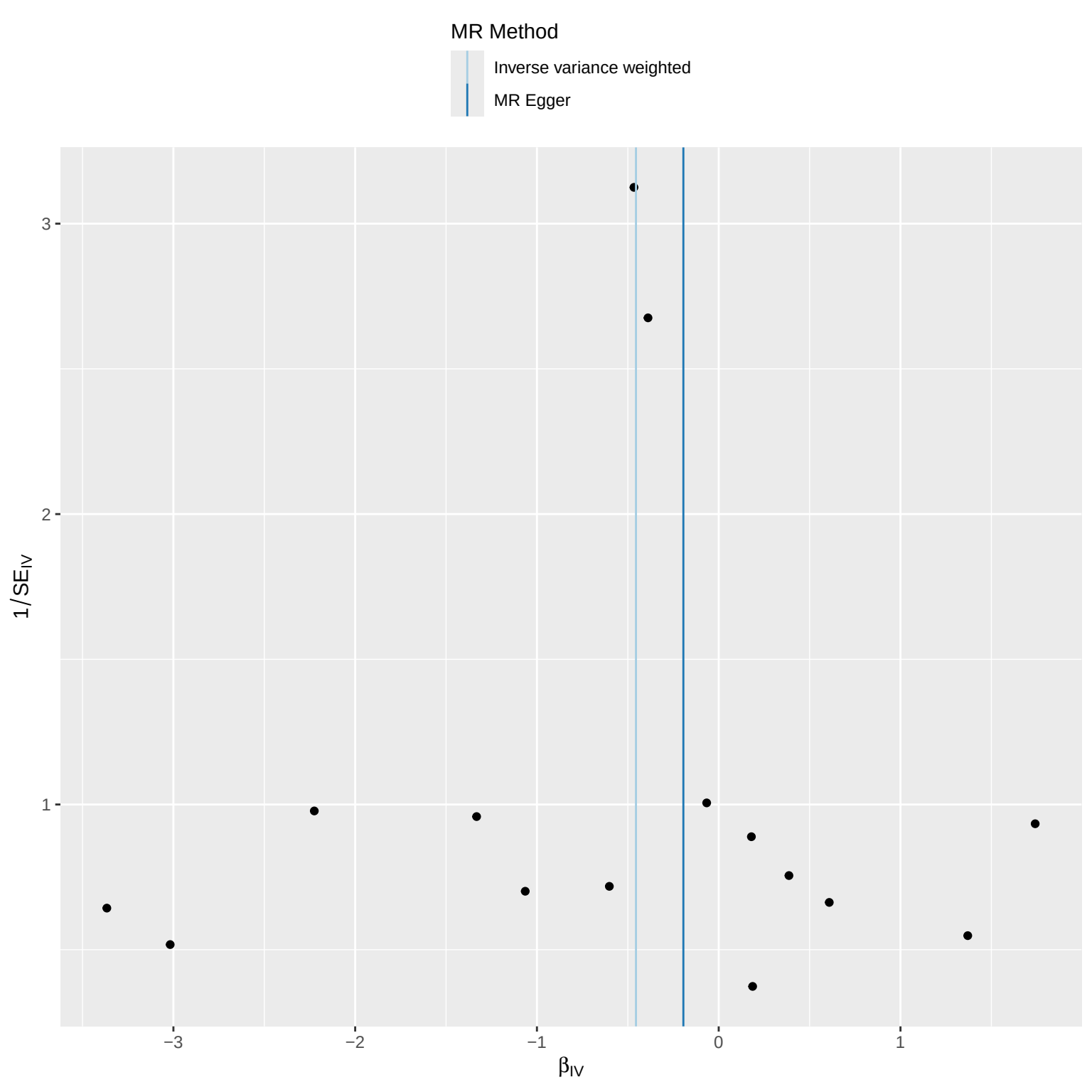

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

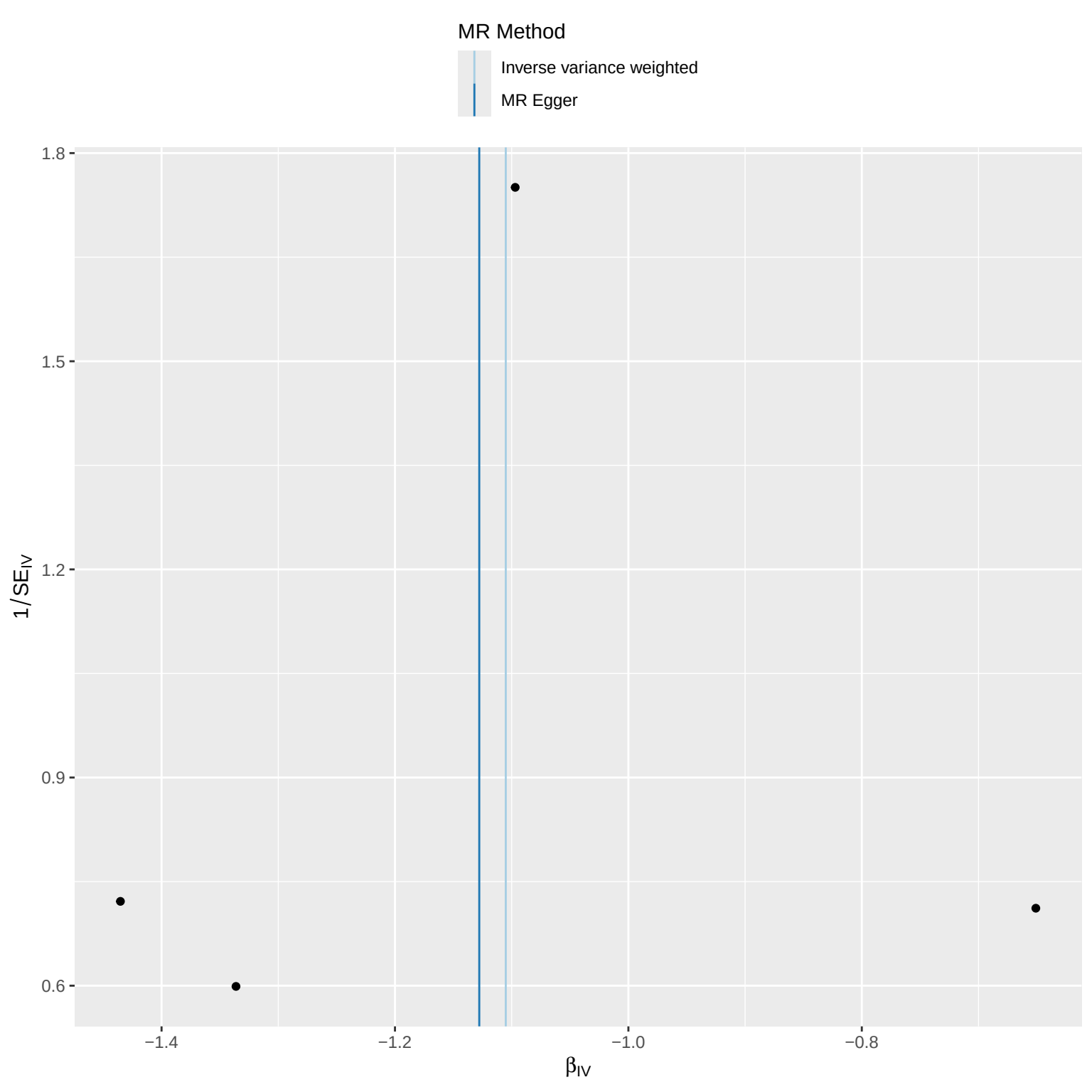

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

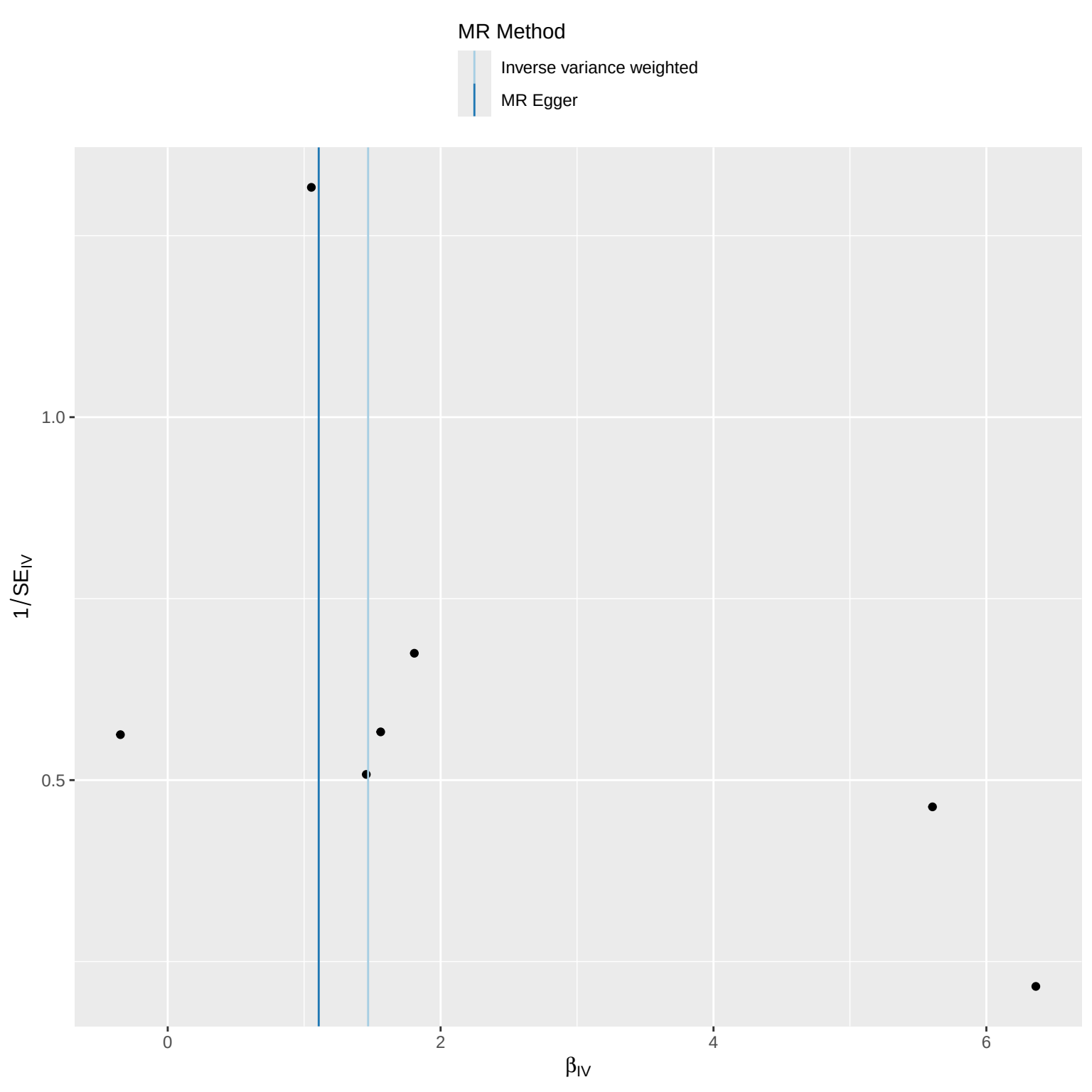

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2
0
2
β_IV

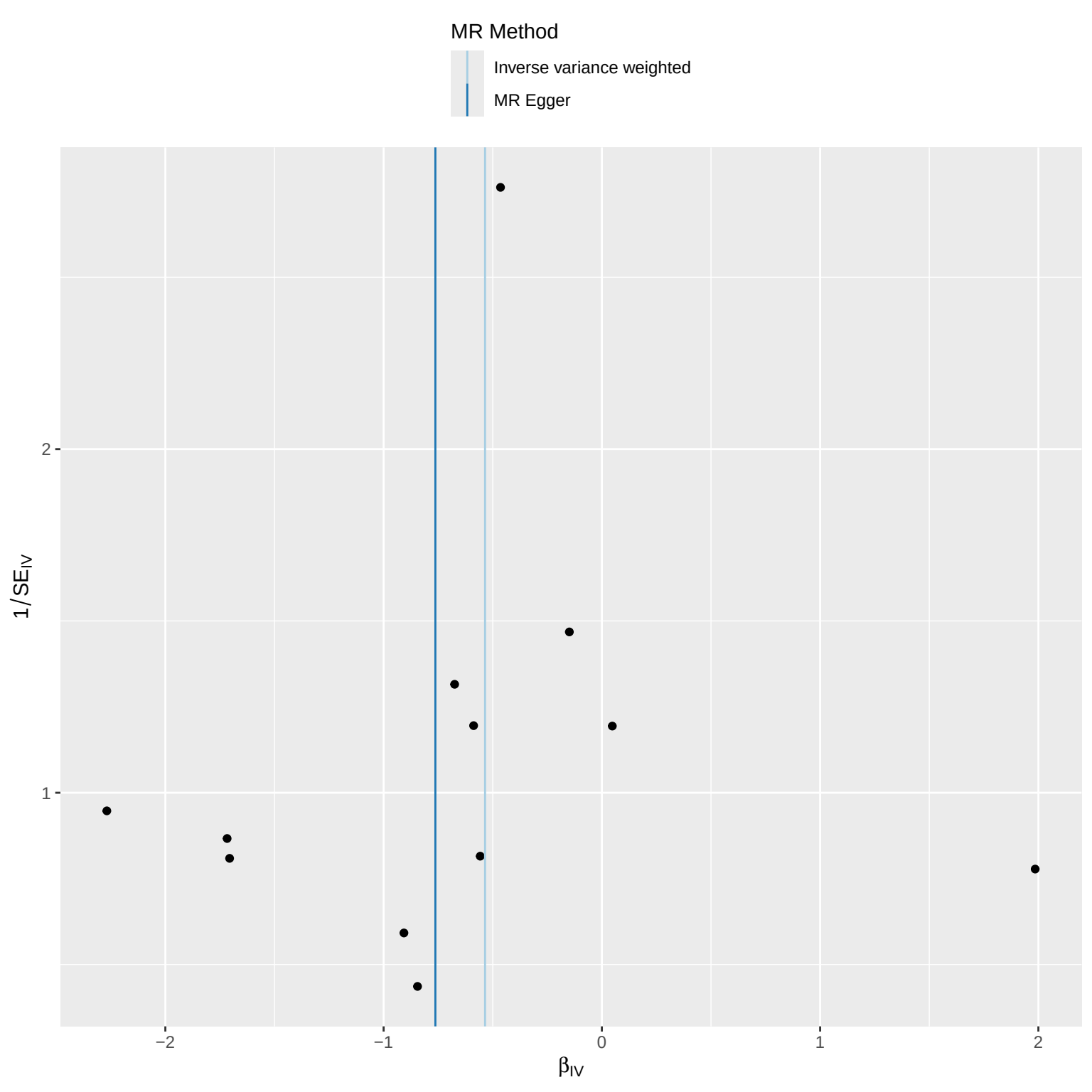

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

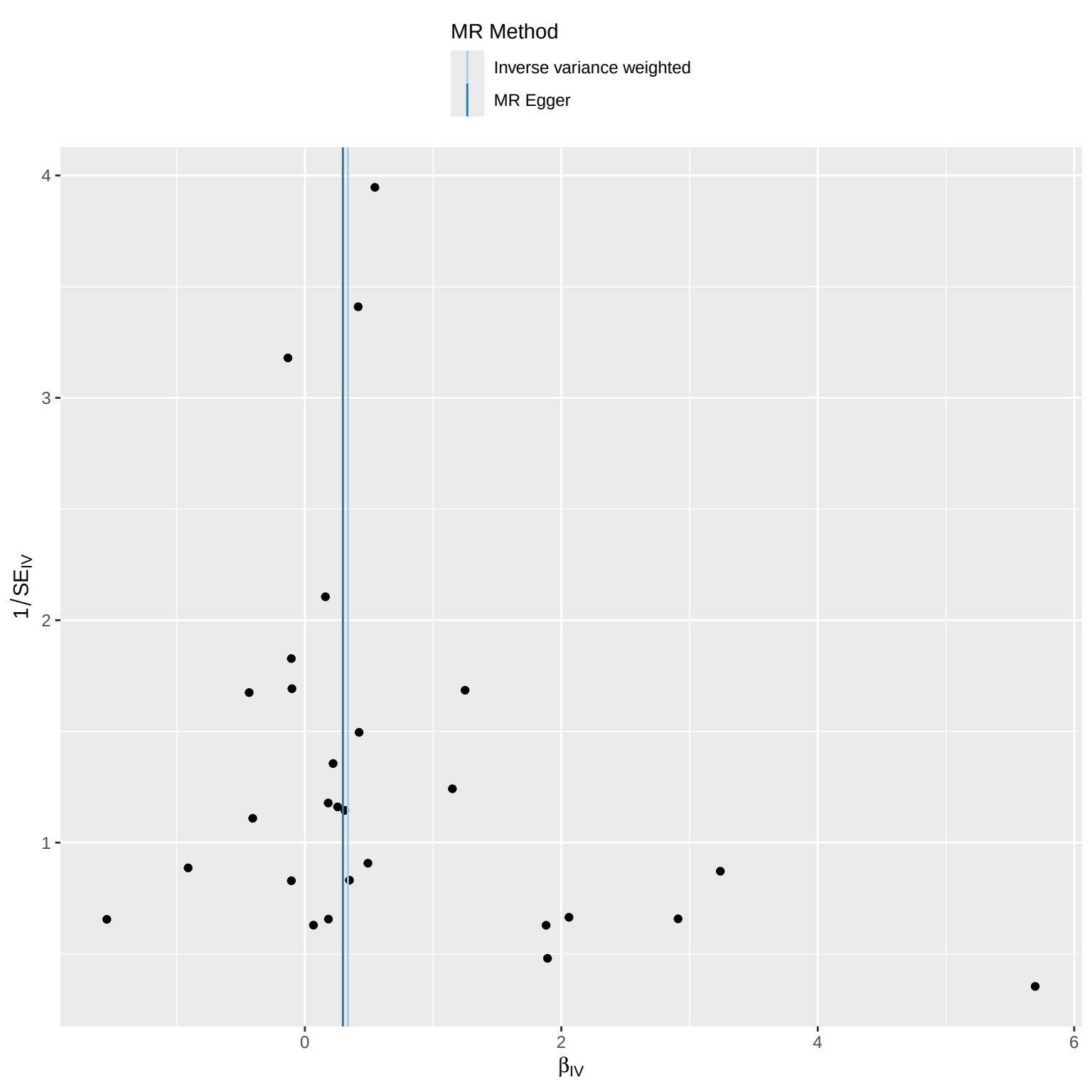

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−6
−5
−4
−3
−2
β_IV

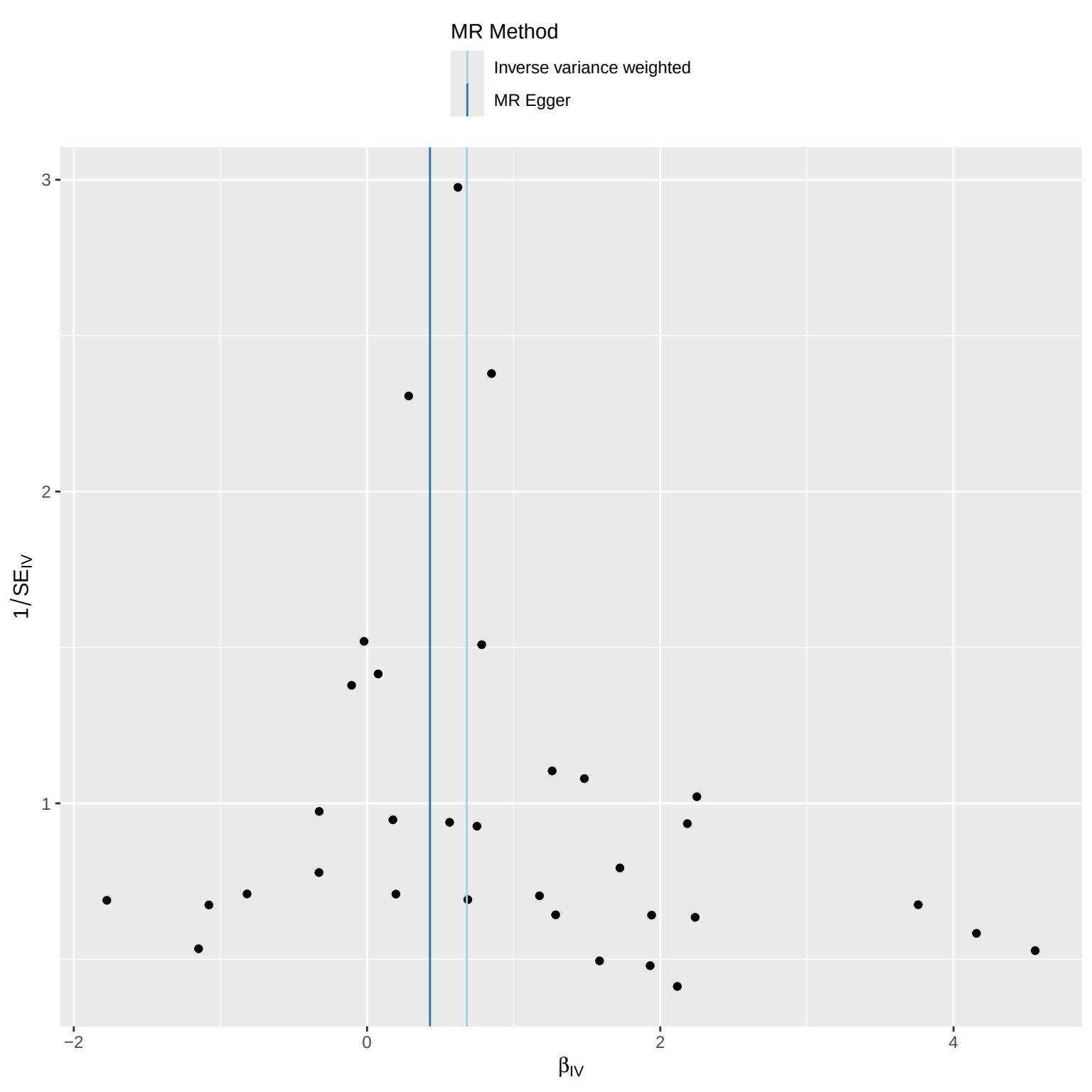

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

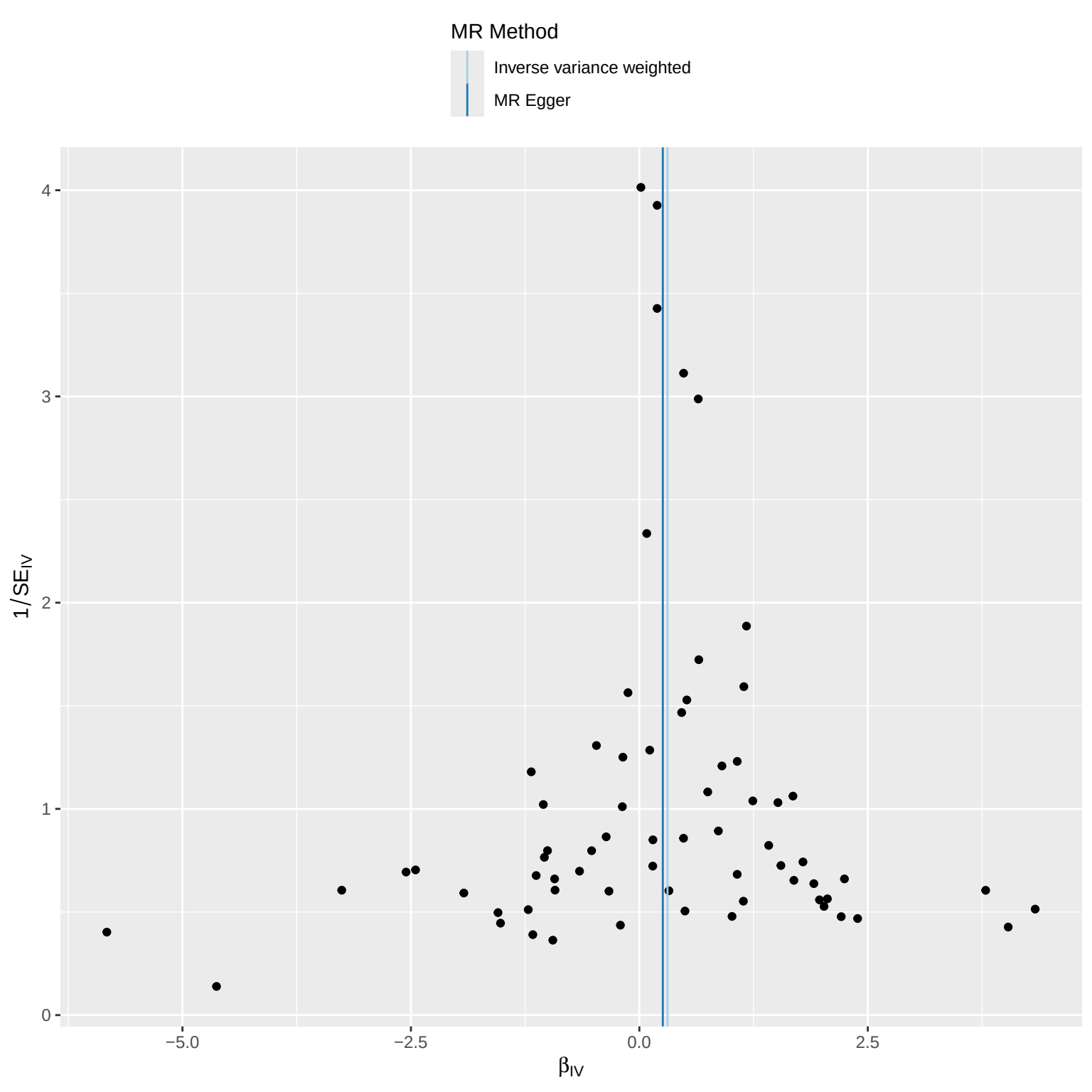

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
−1.4
−1.2
−1.0
−0.8
β_IV

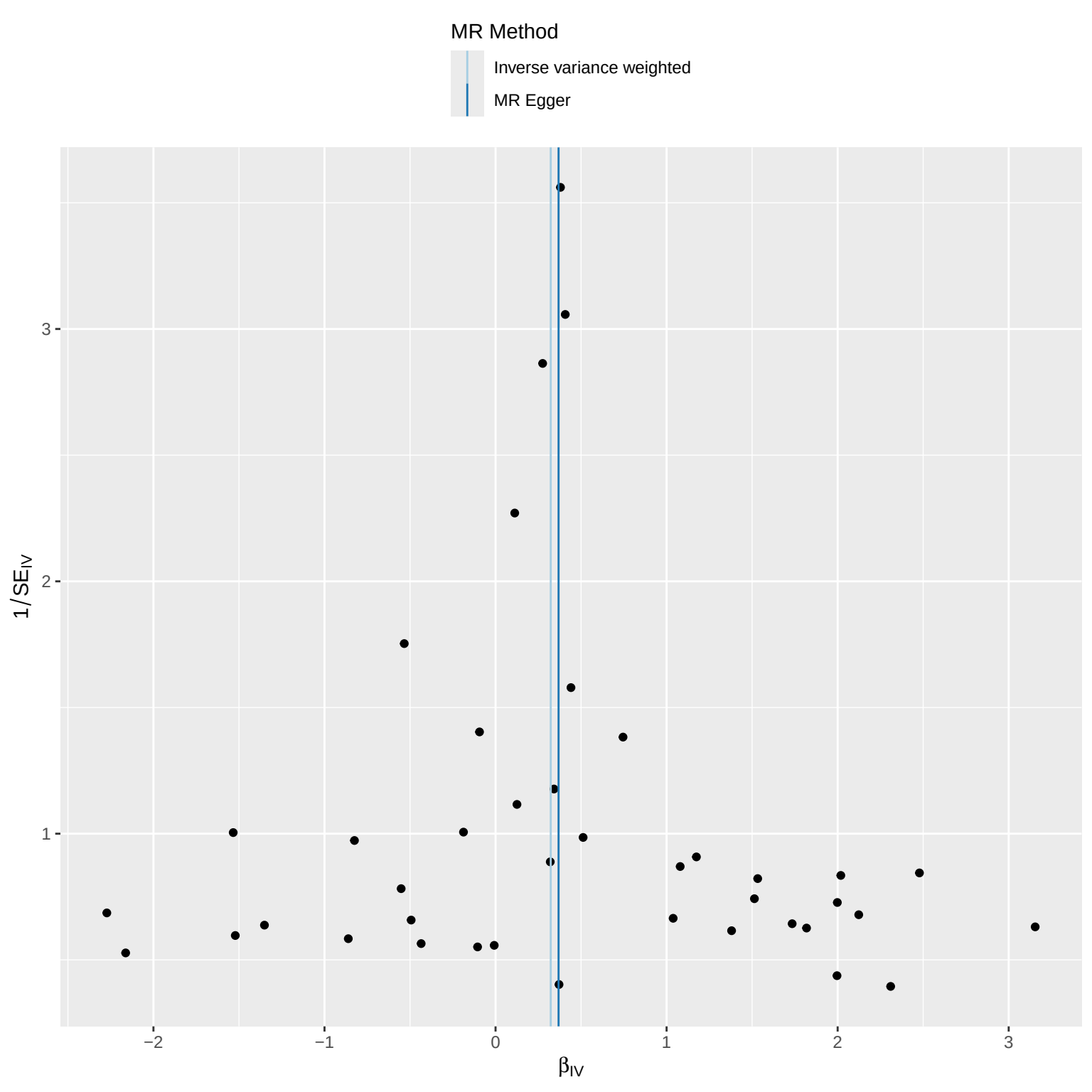

MR Method
Inverse variance weighted
MR Egger
1.0
0.5
1/SE_IV
0
2
4
6
β_IV

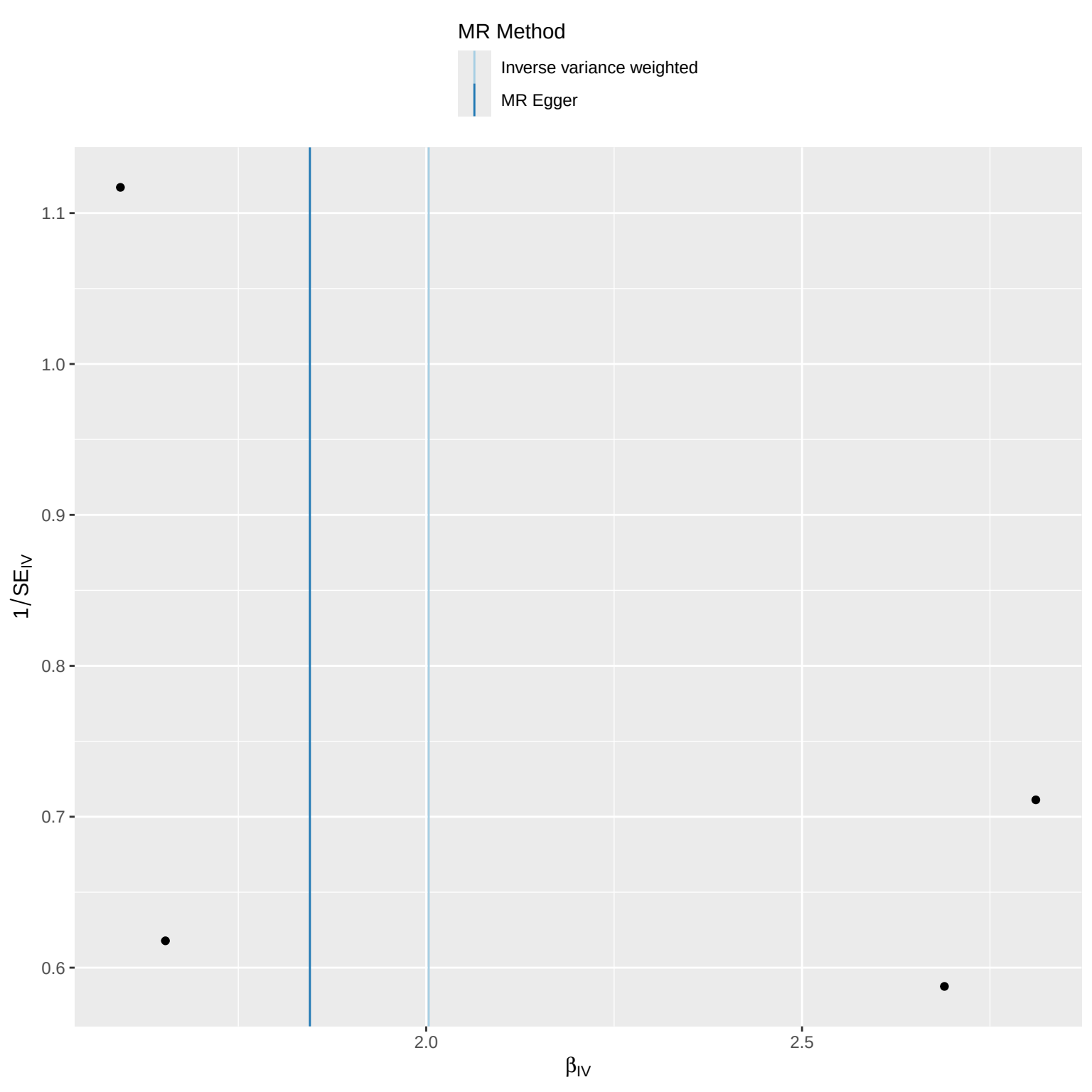

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

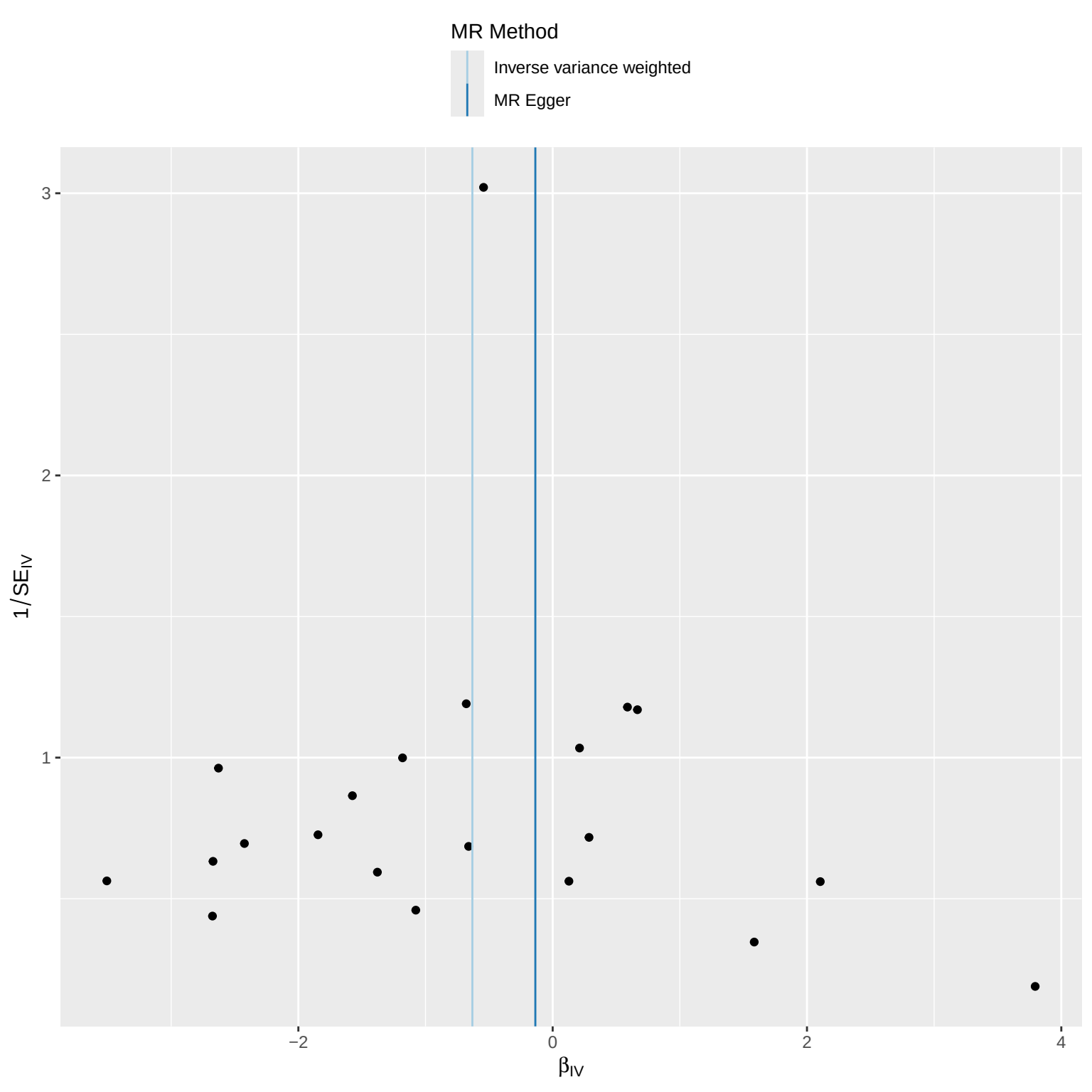

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0
2
4
6
β_IV

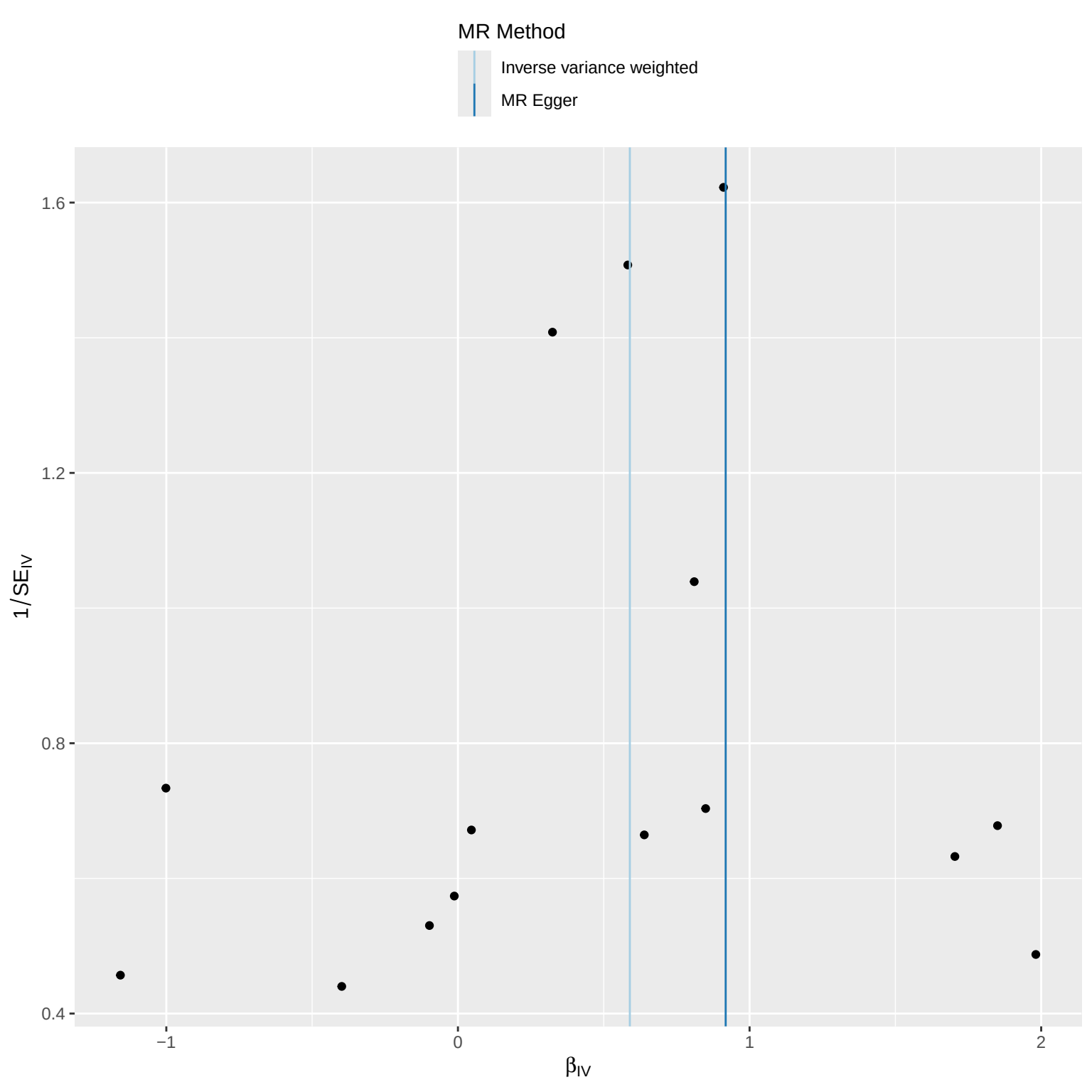

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

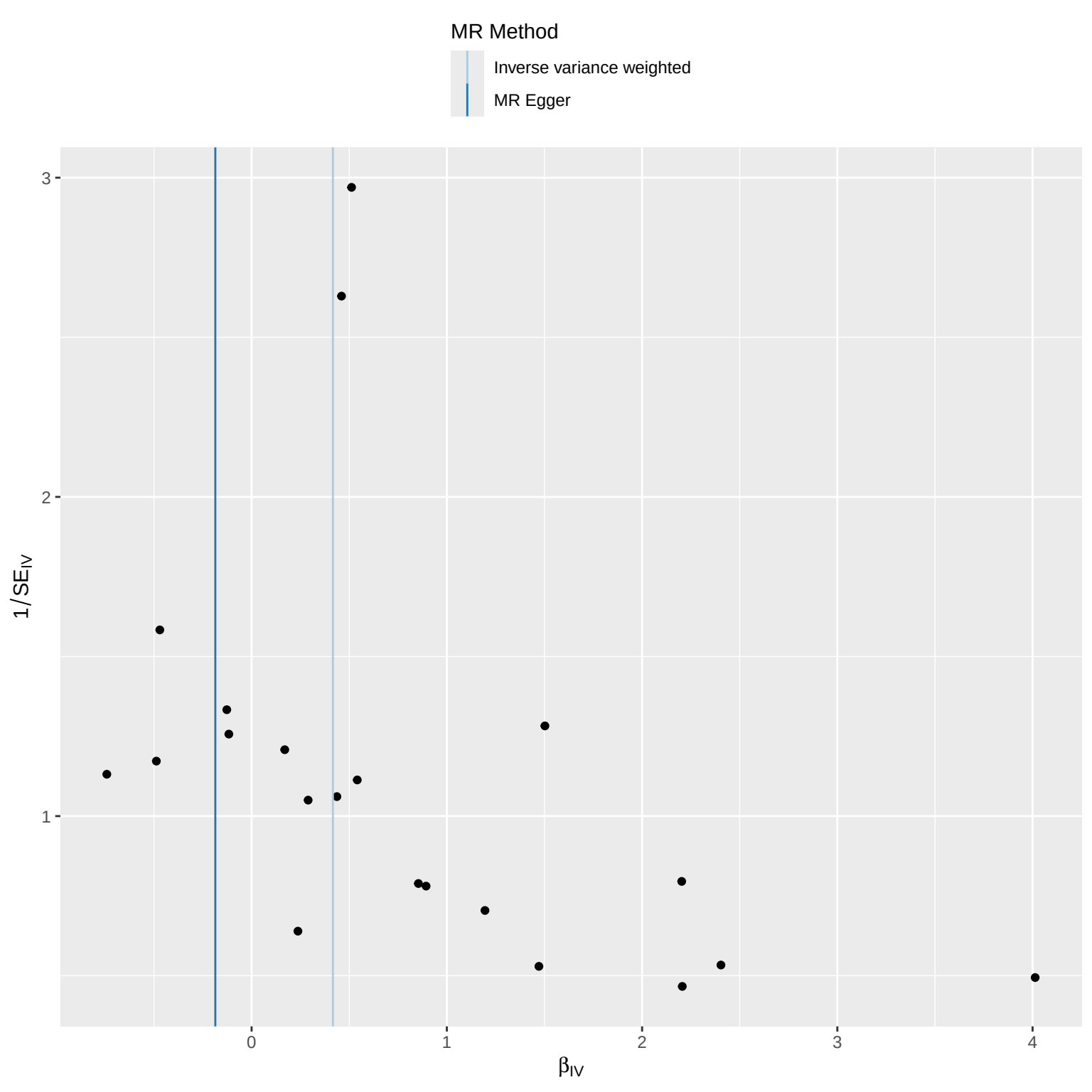

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

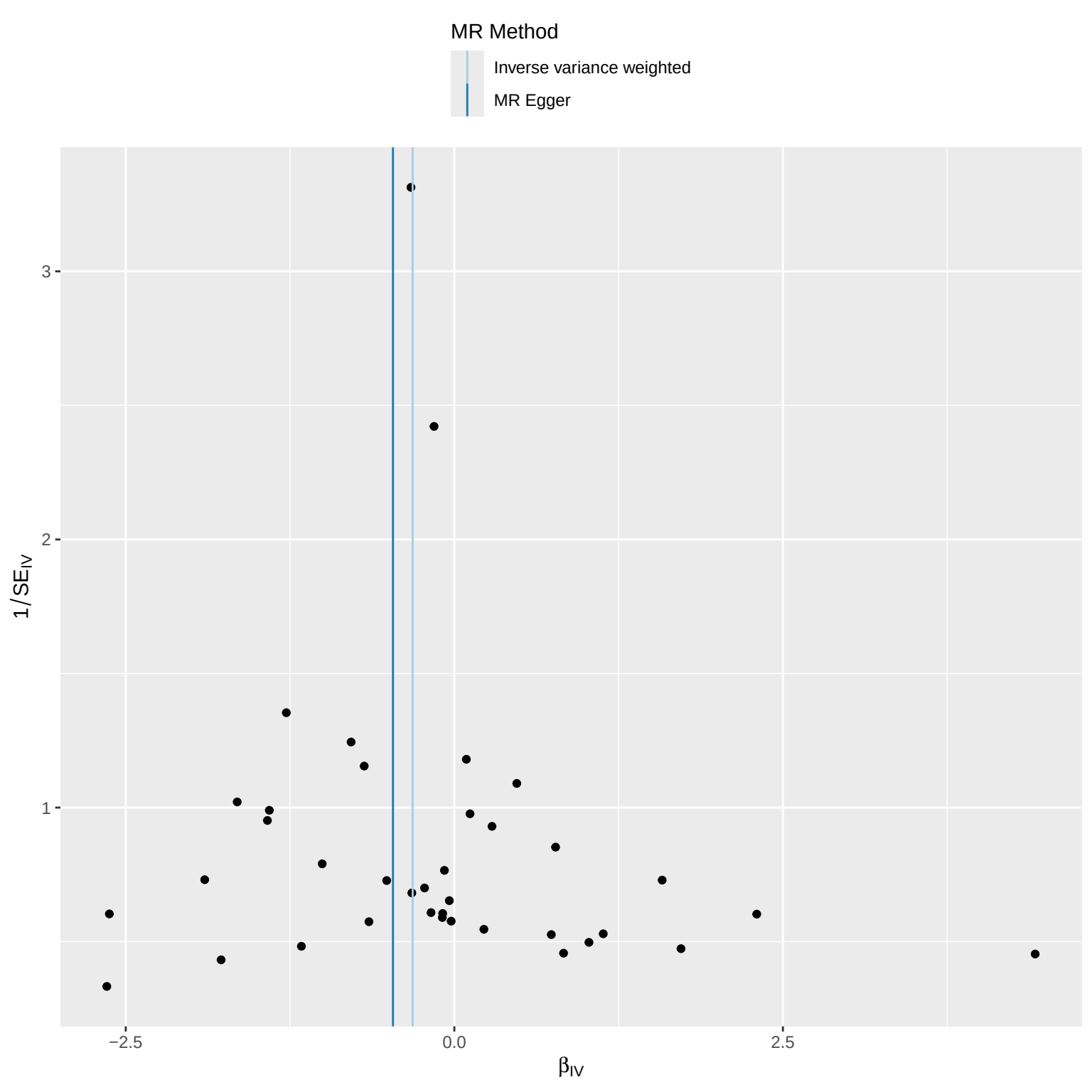

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

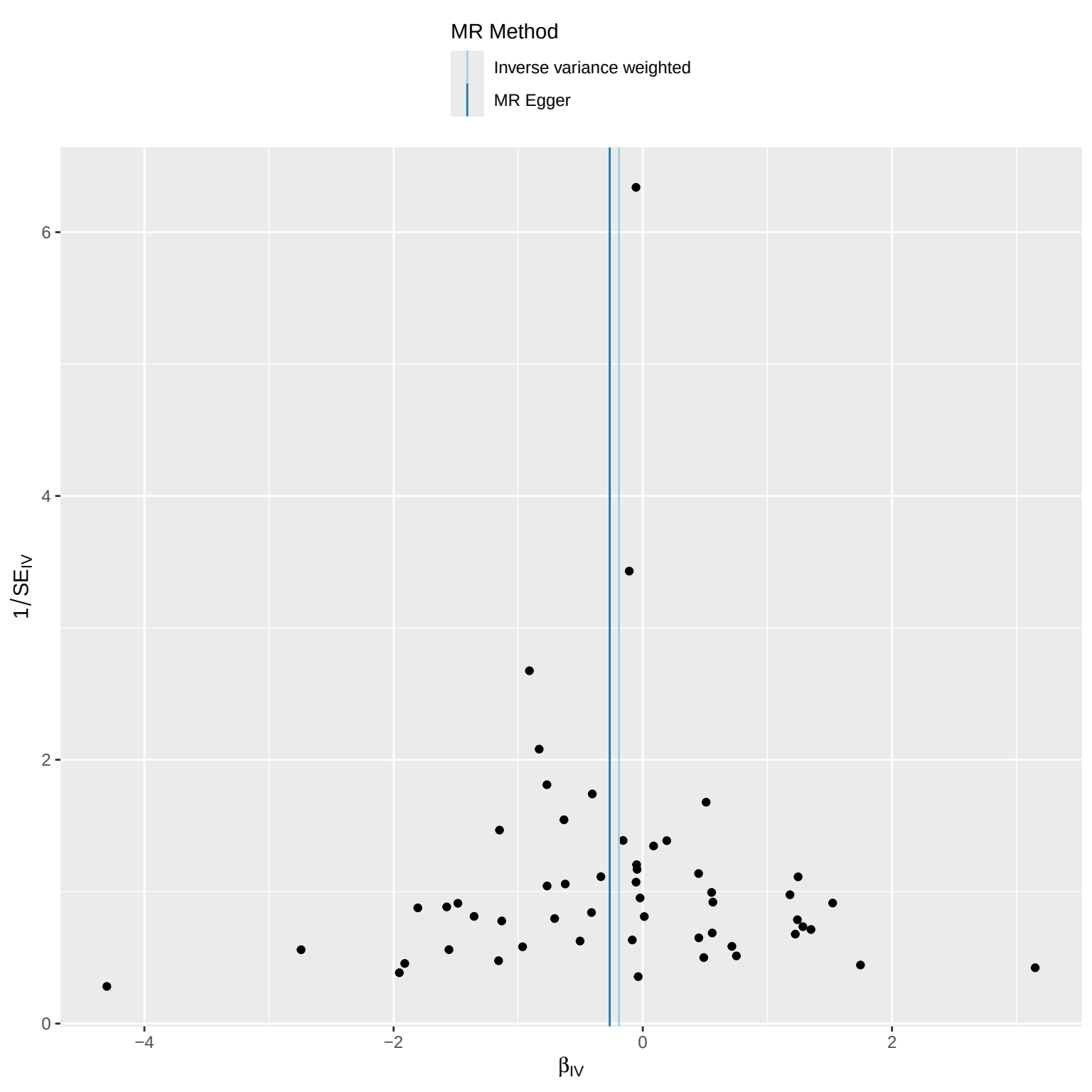

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
0.6
1/SE_IV
2.0
2.5
β_IV

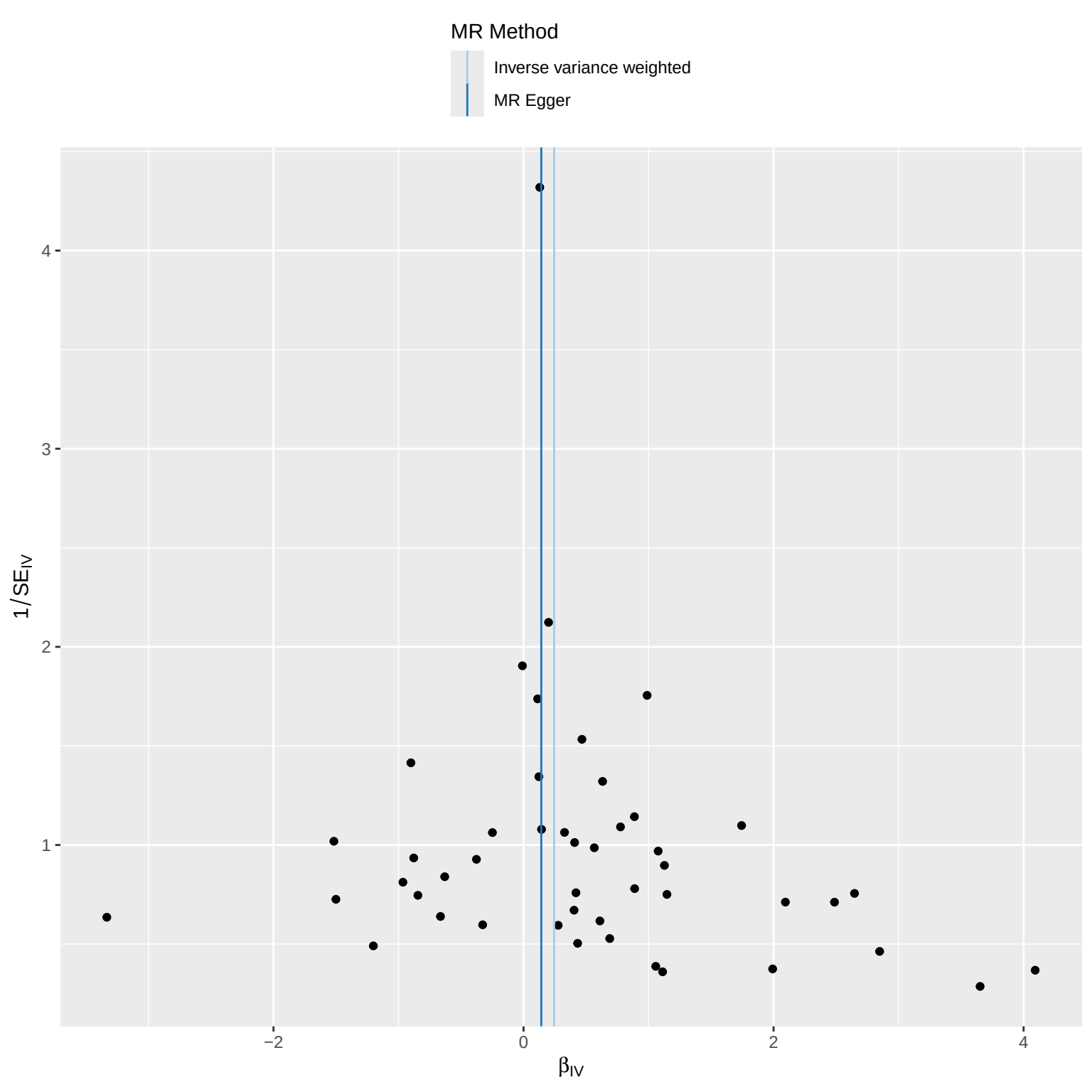

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

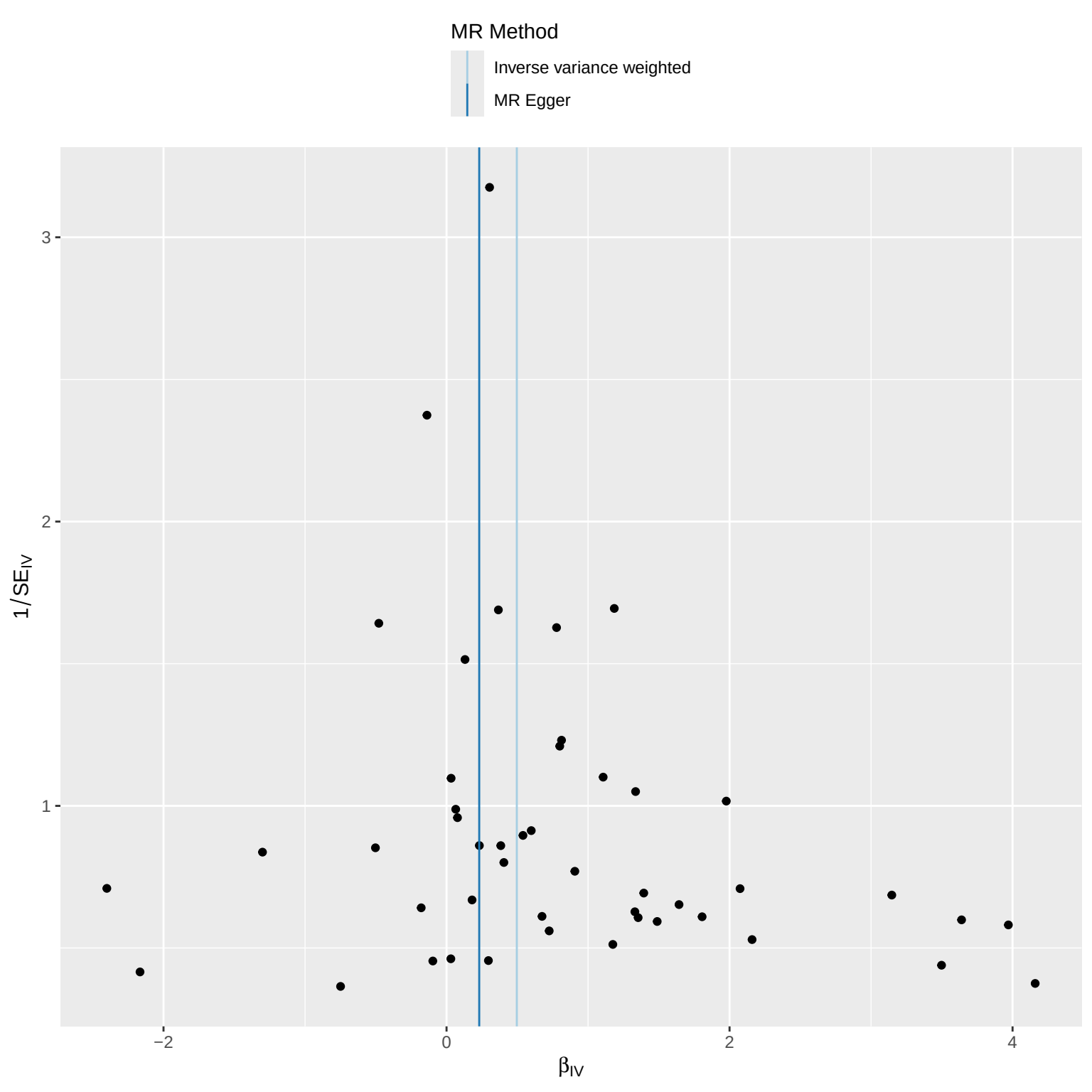

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
β_IV

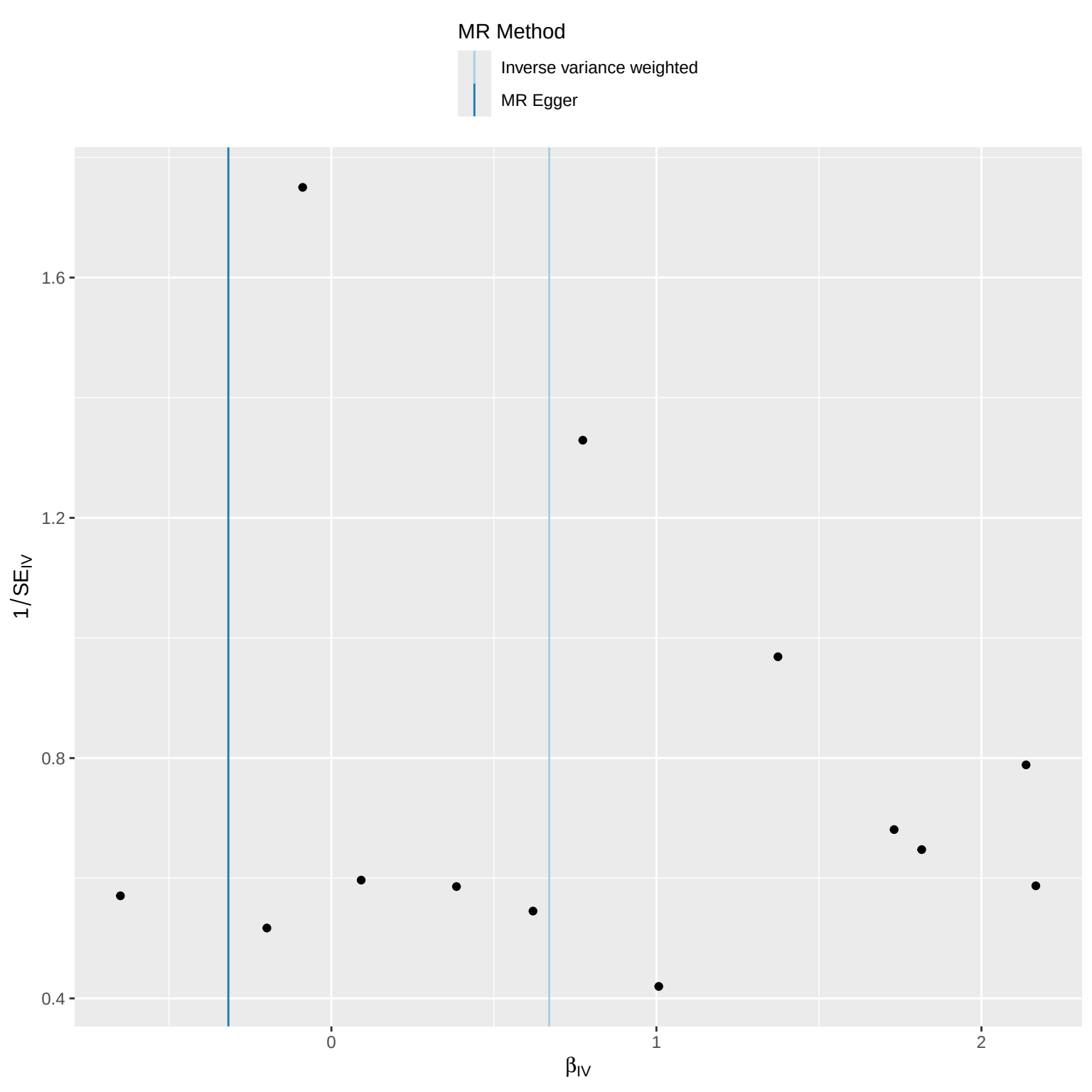

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0
1
2
3
4
β_IV

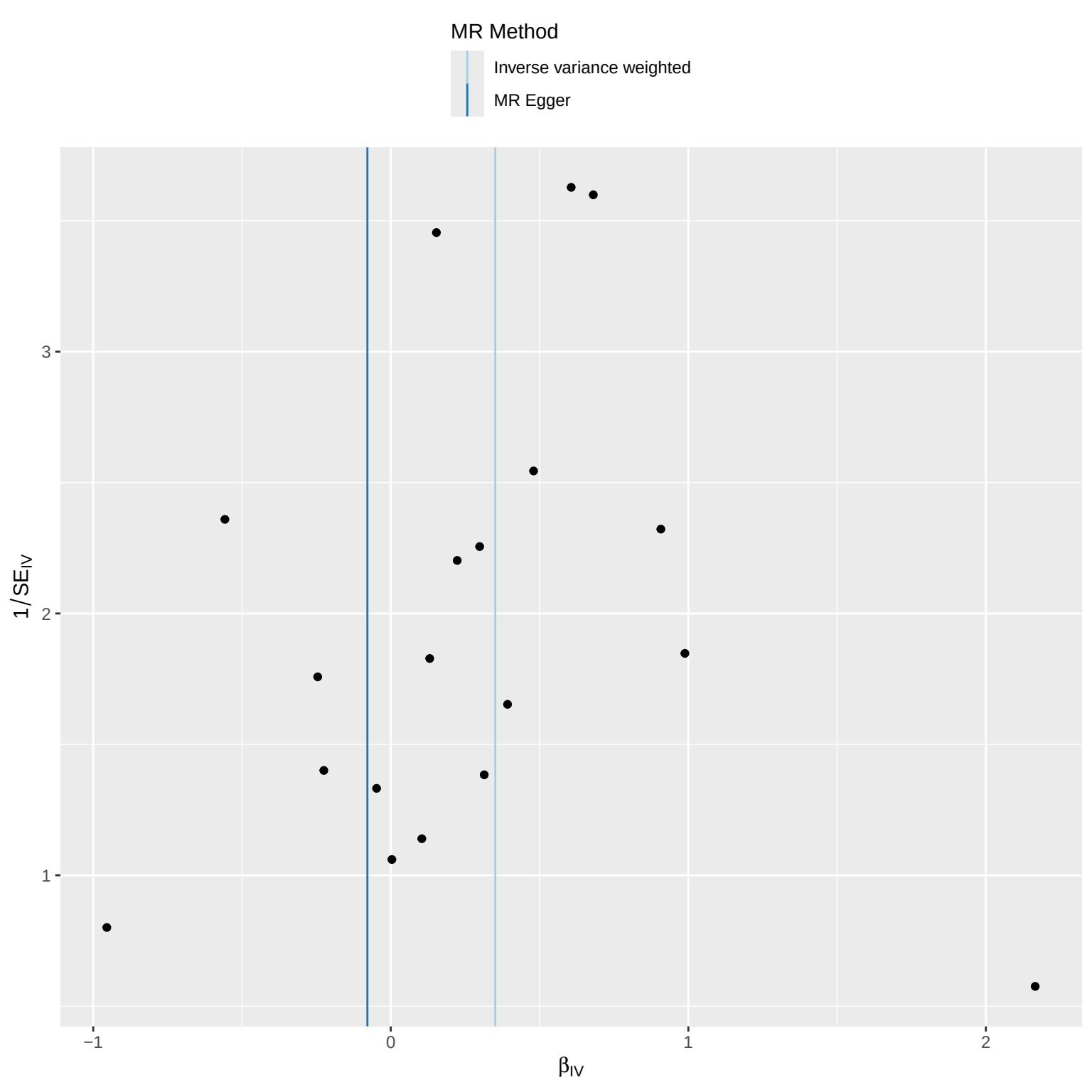

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

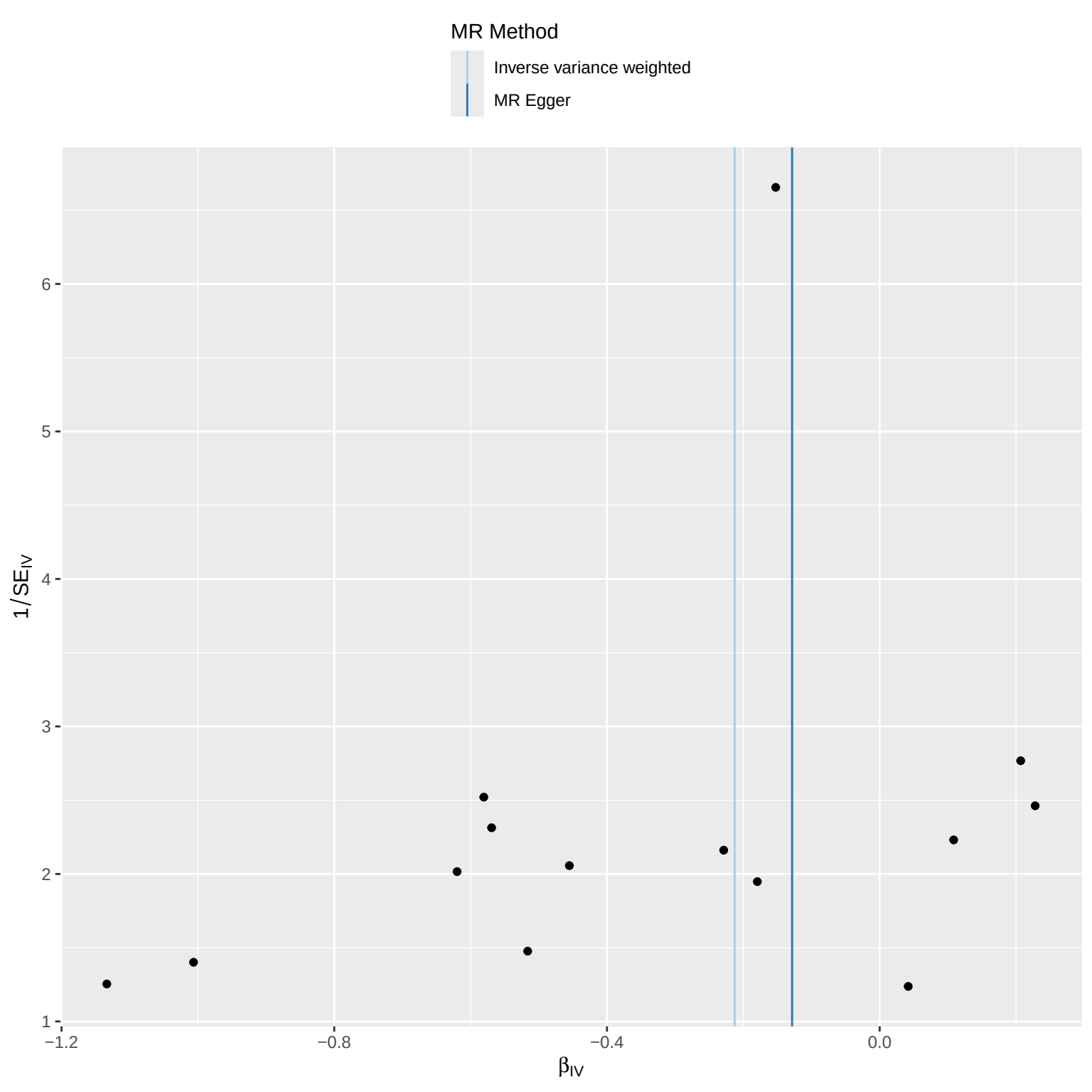

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−4
−2
0
2
β_IV

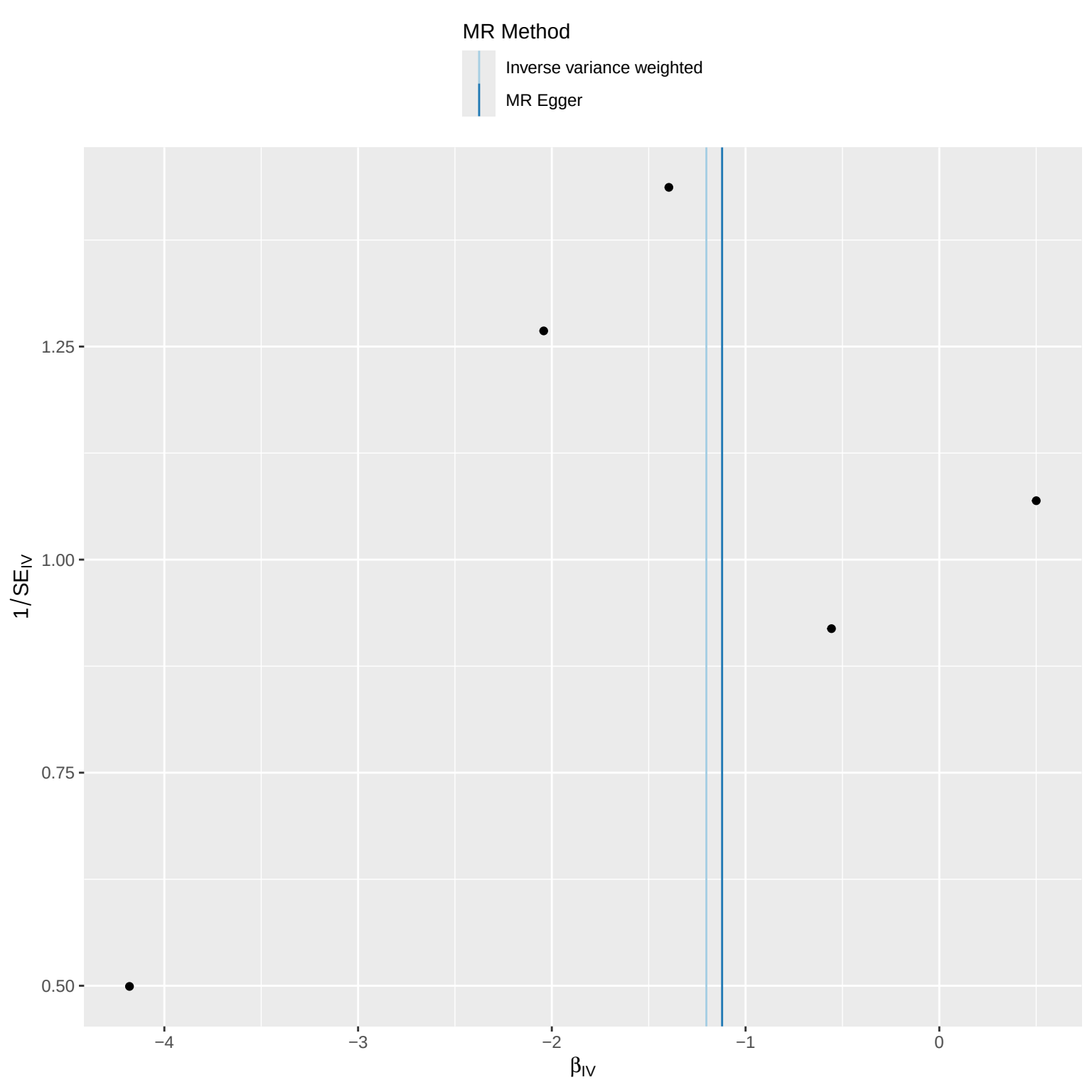

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

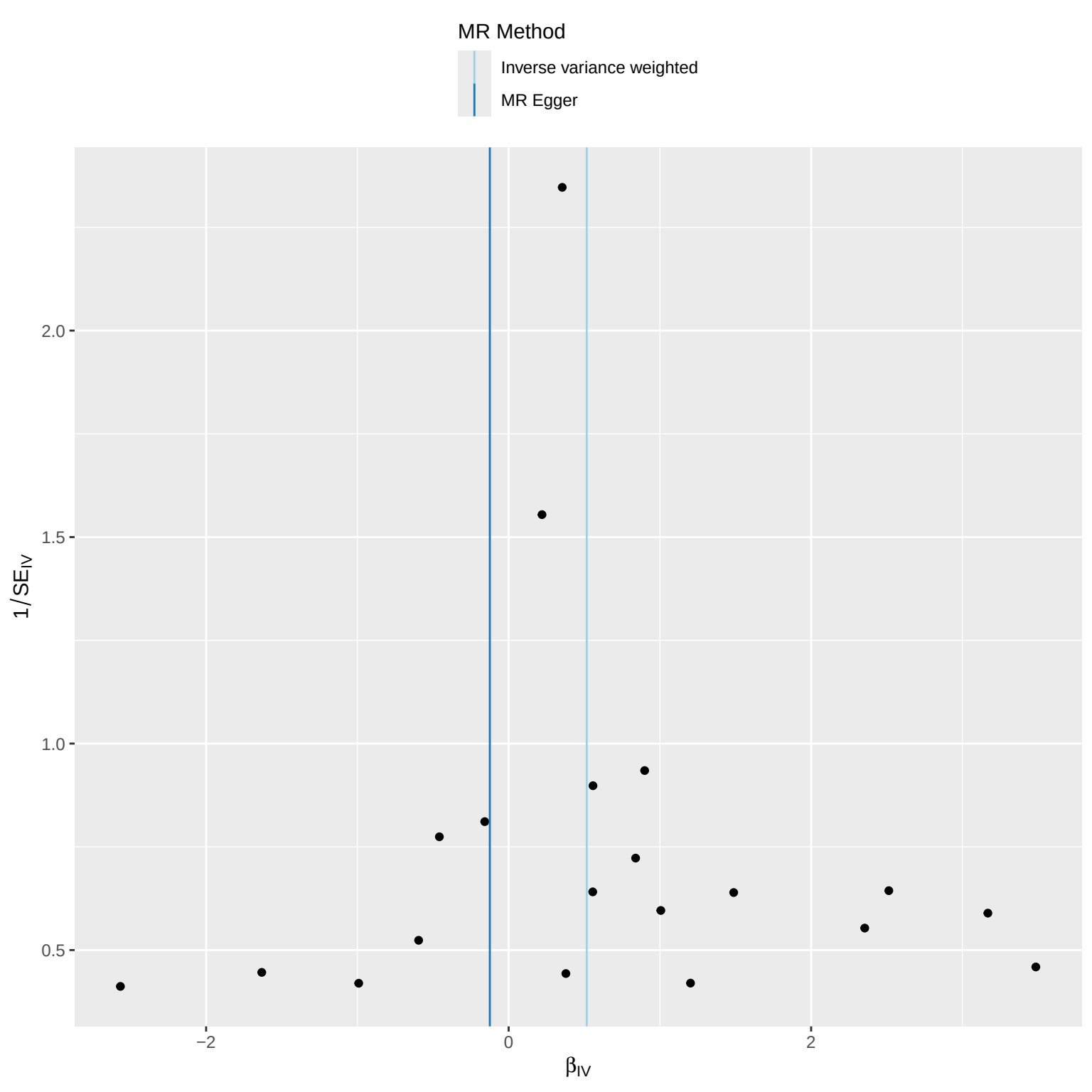

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

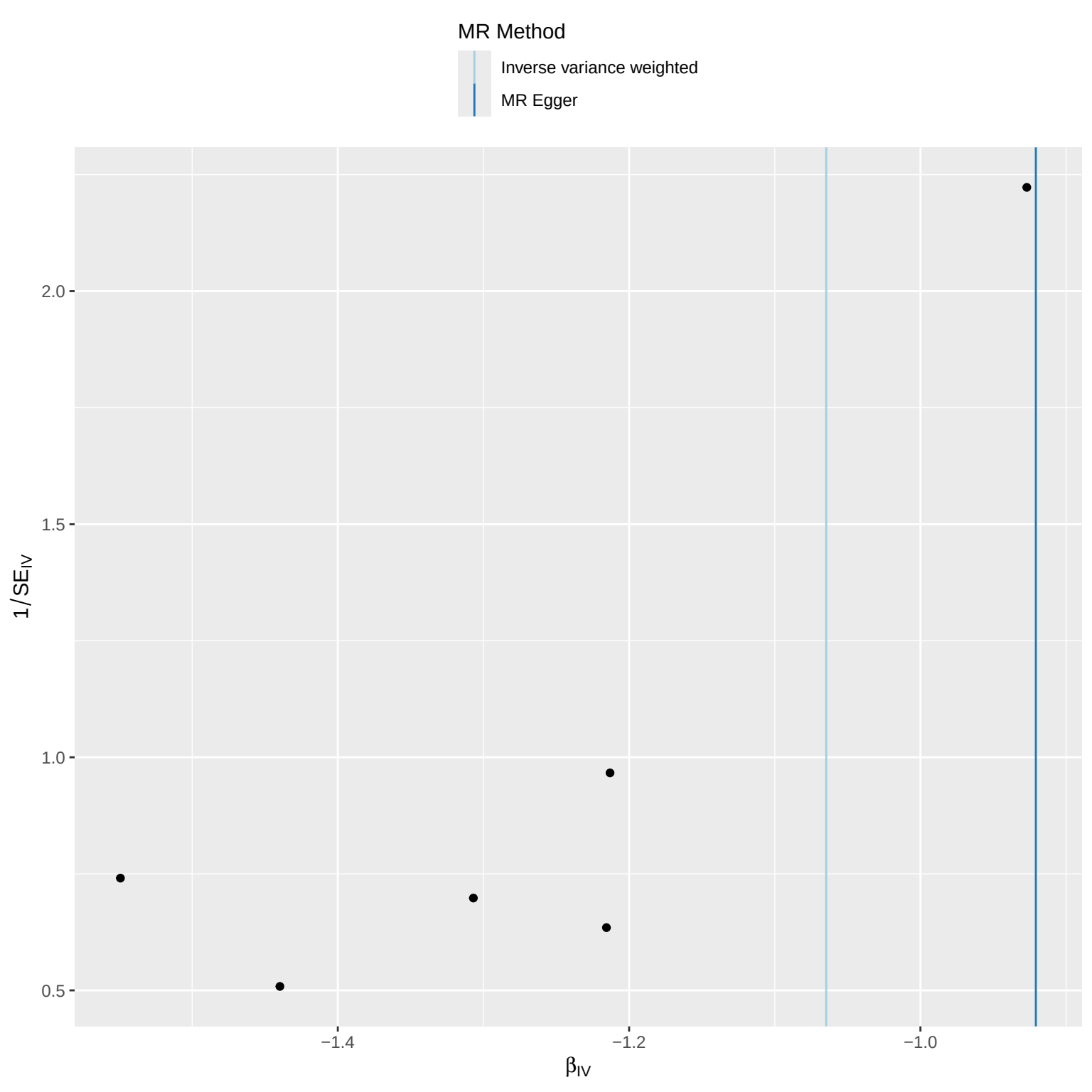

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
1
2
β_IV

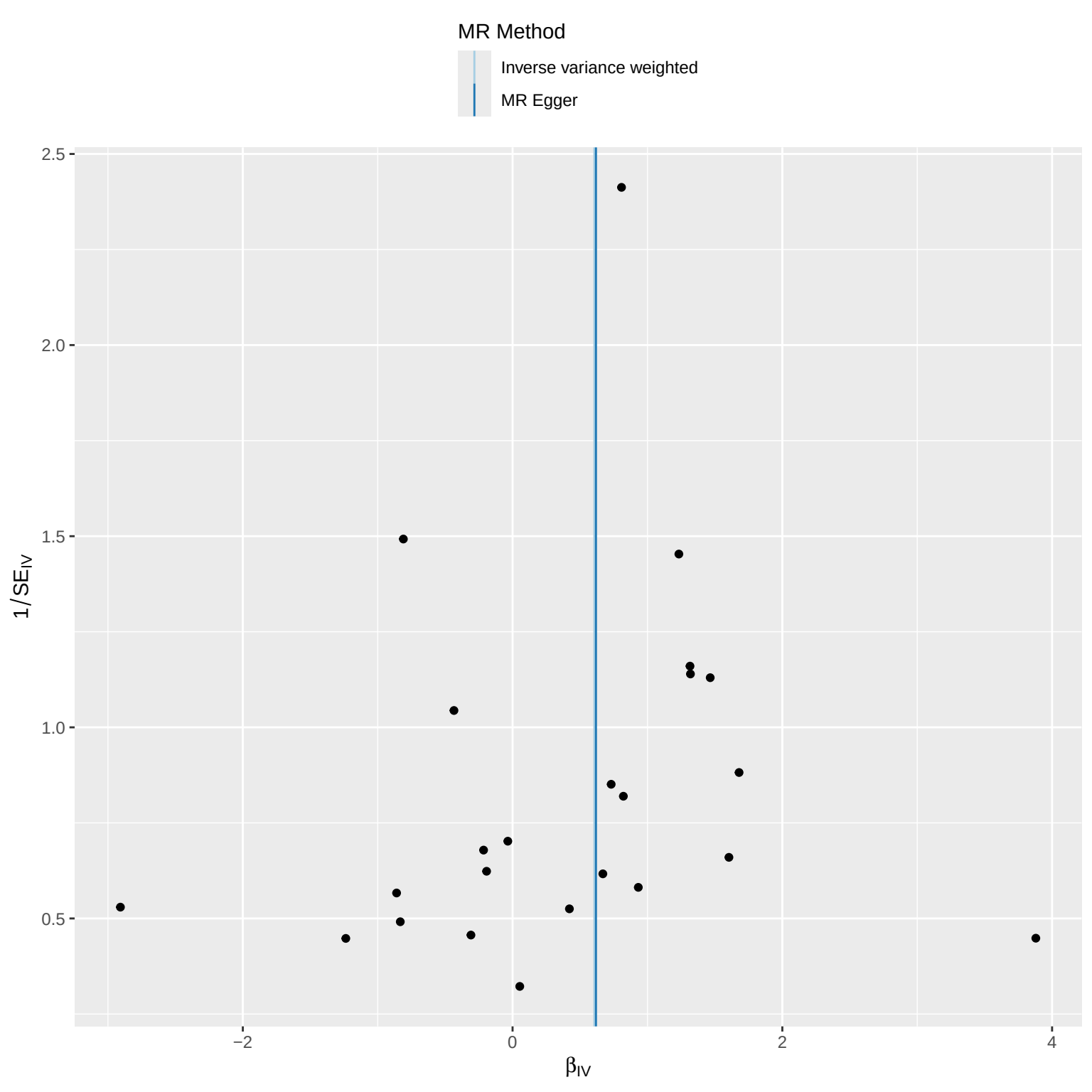

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

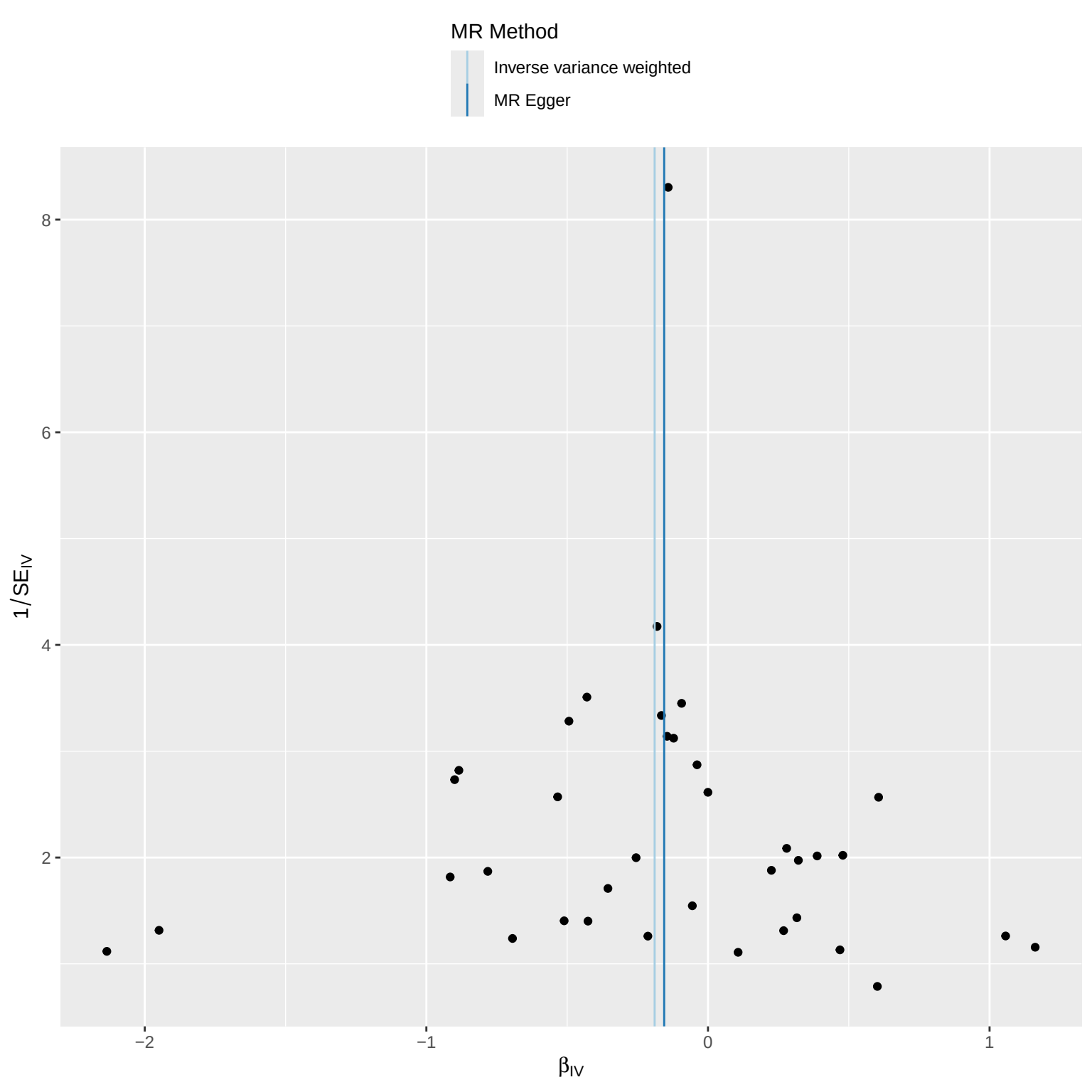

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
6
5
4
3
2
1
−1.2
−0.8
−0.4
0.0
β_IV

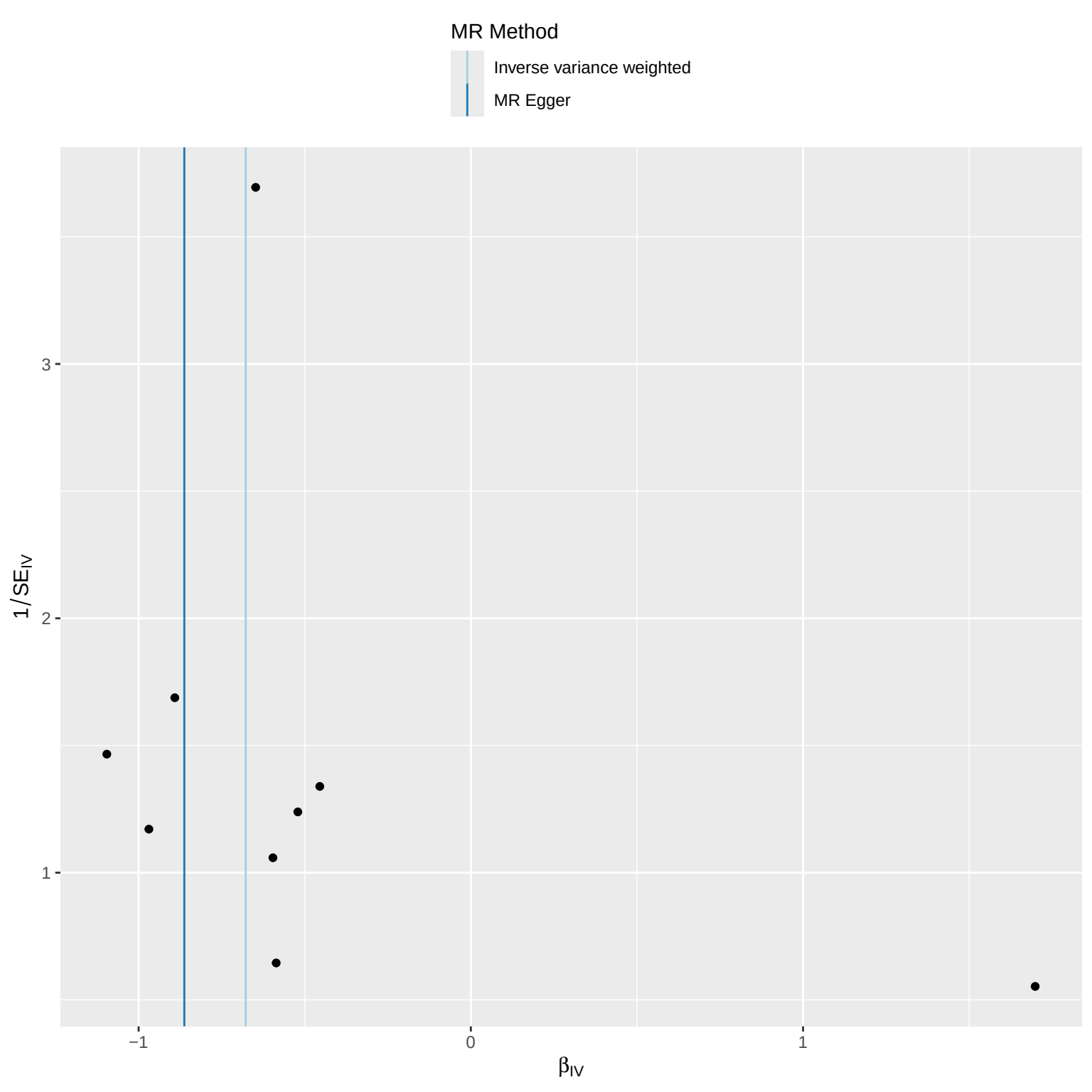

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−4
−3
−2
−1
0
β_IV

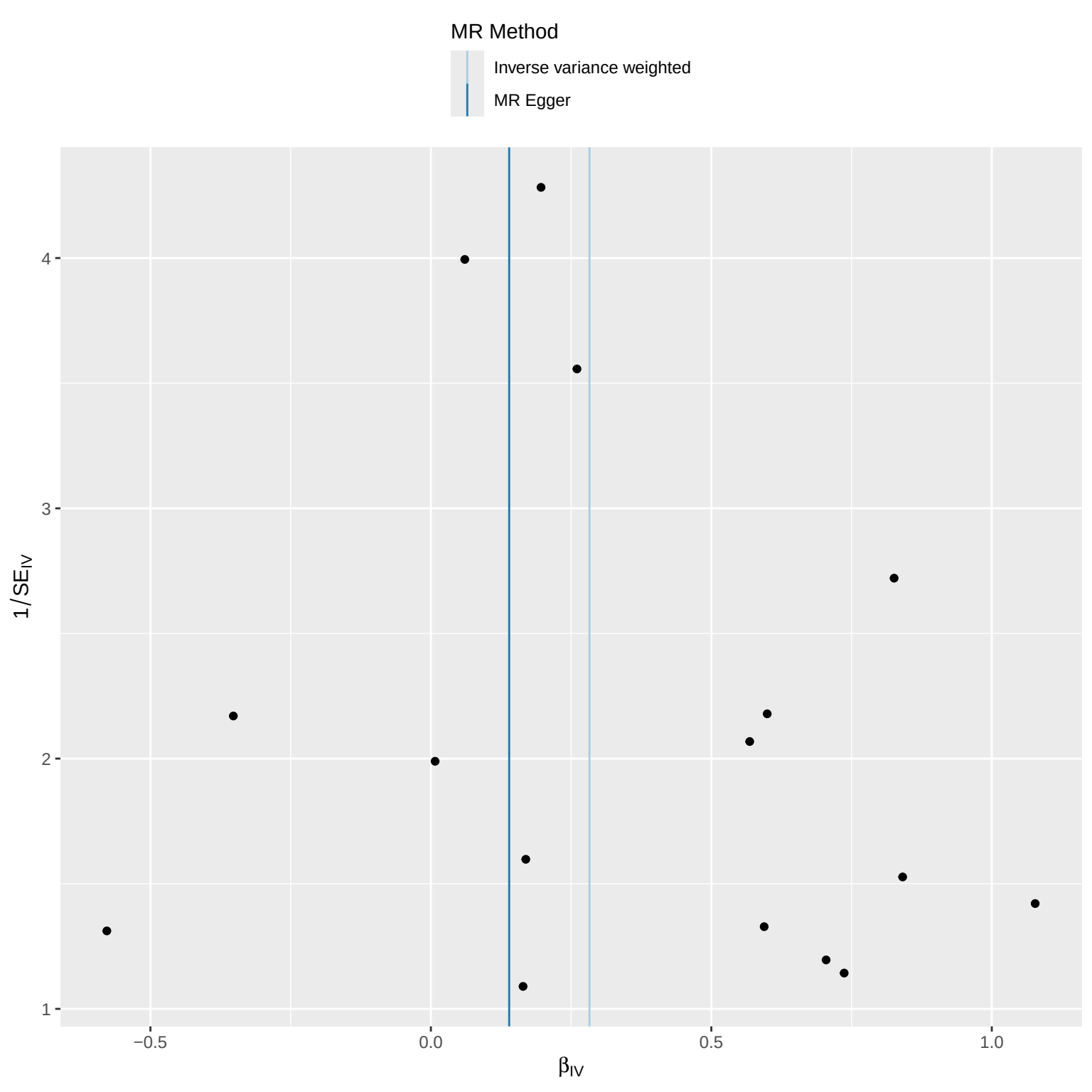

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

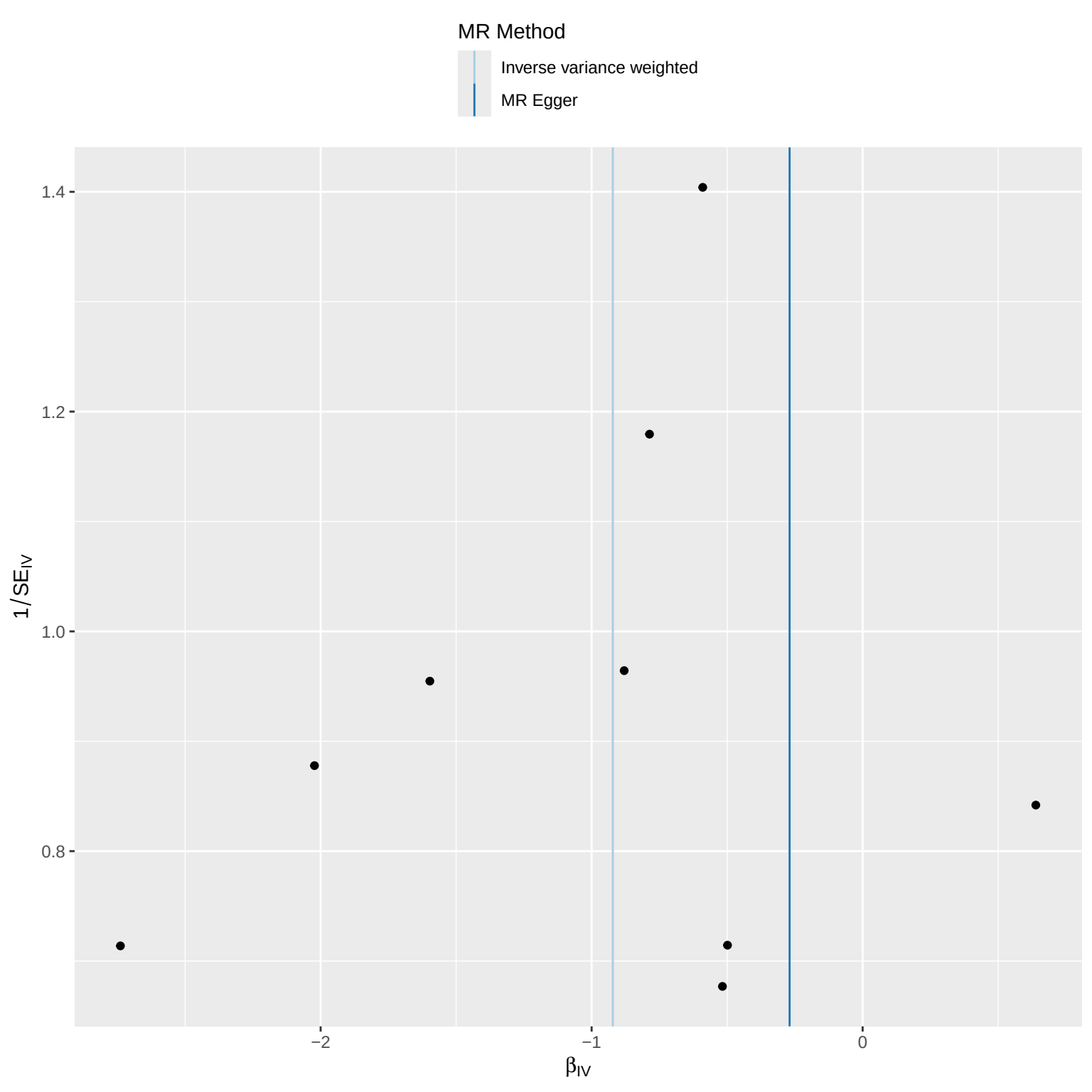

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1.4
−1.2
−1.0
β_IV

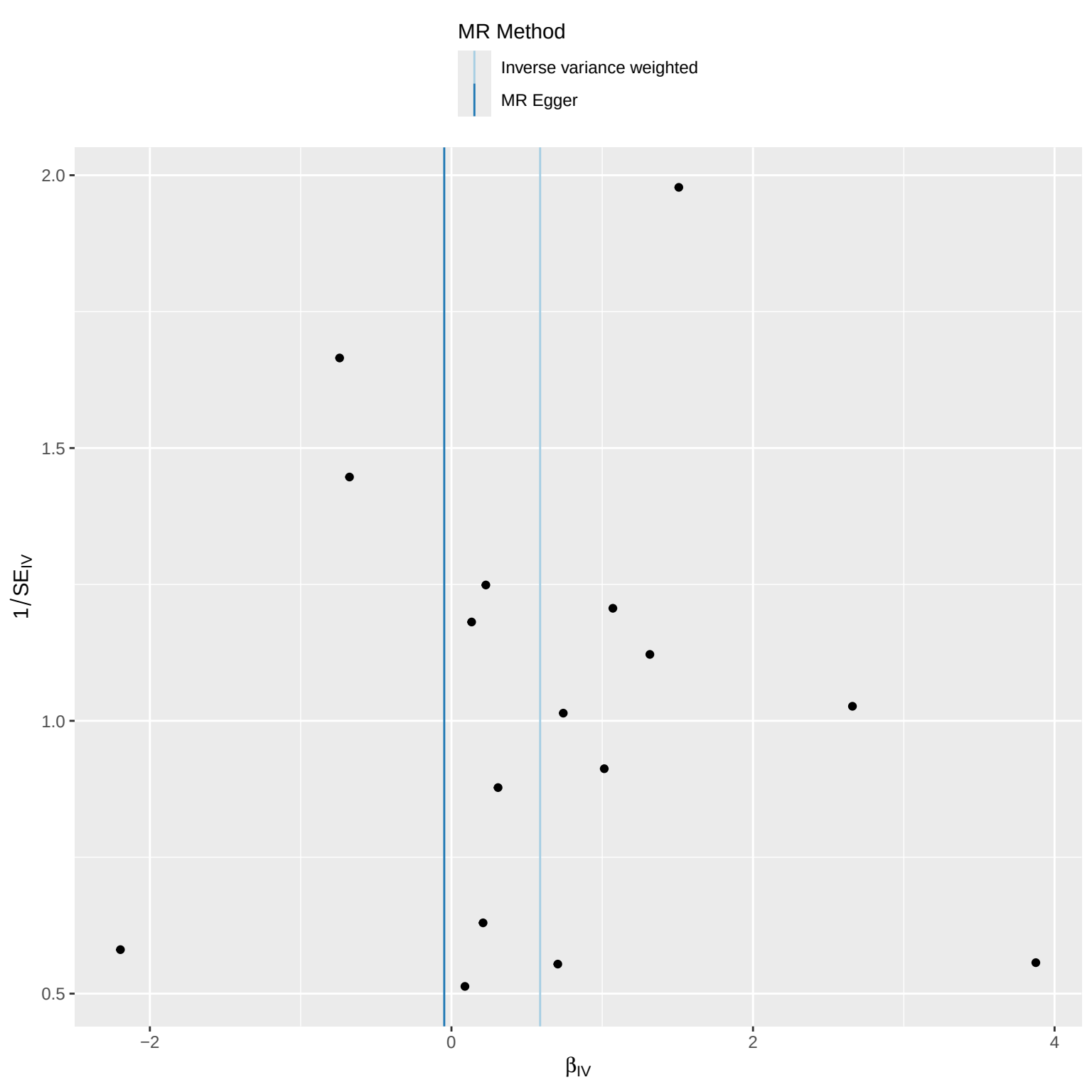

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

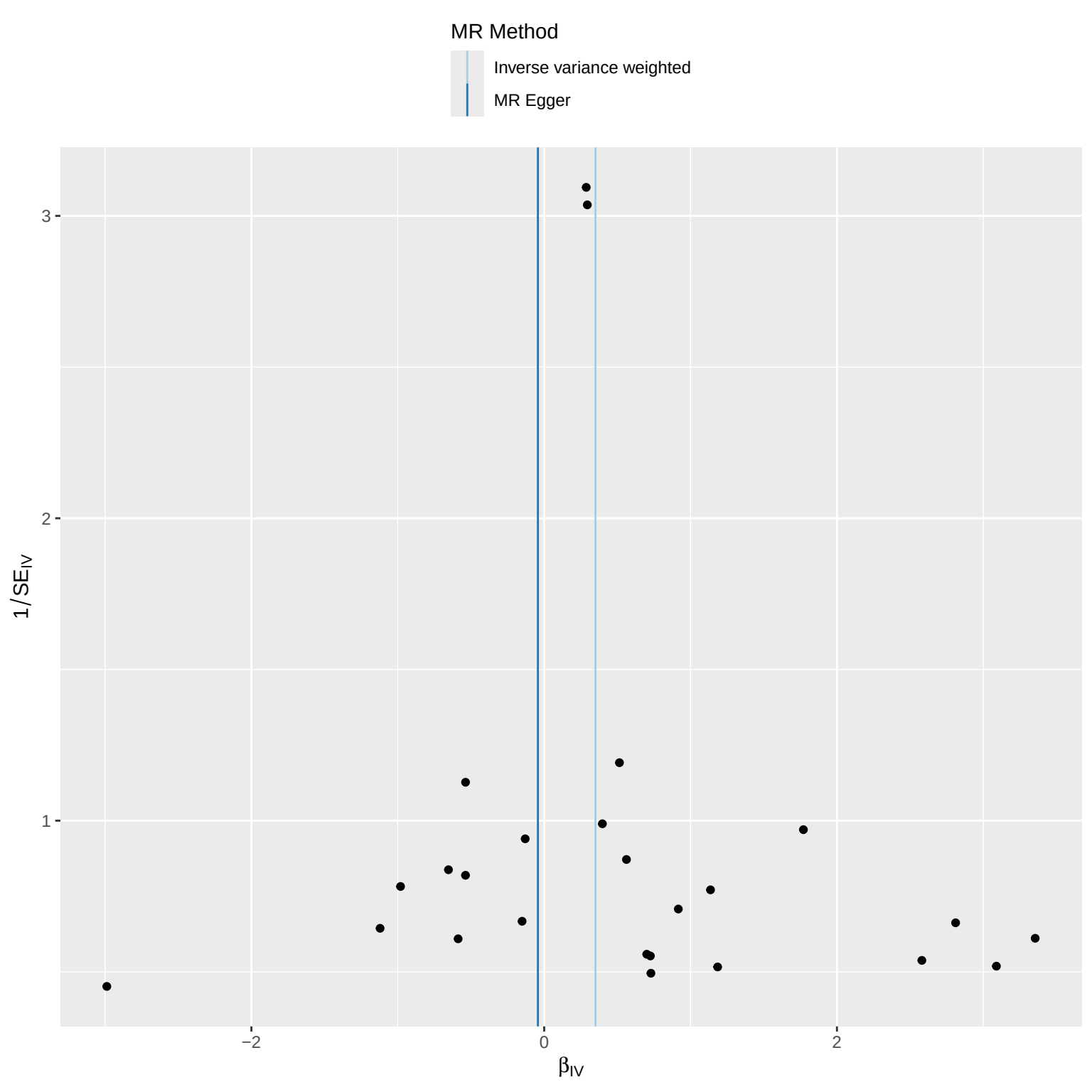

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

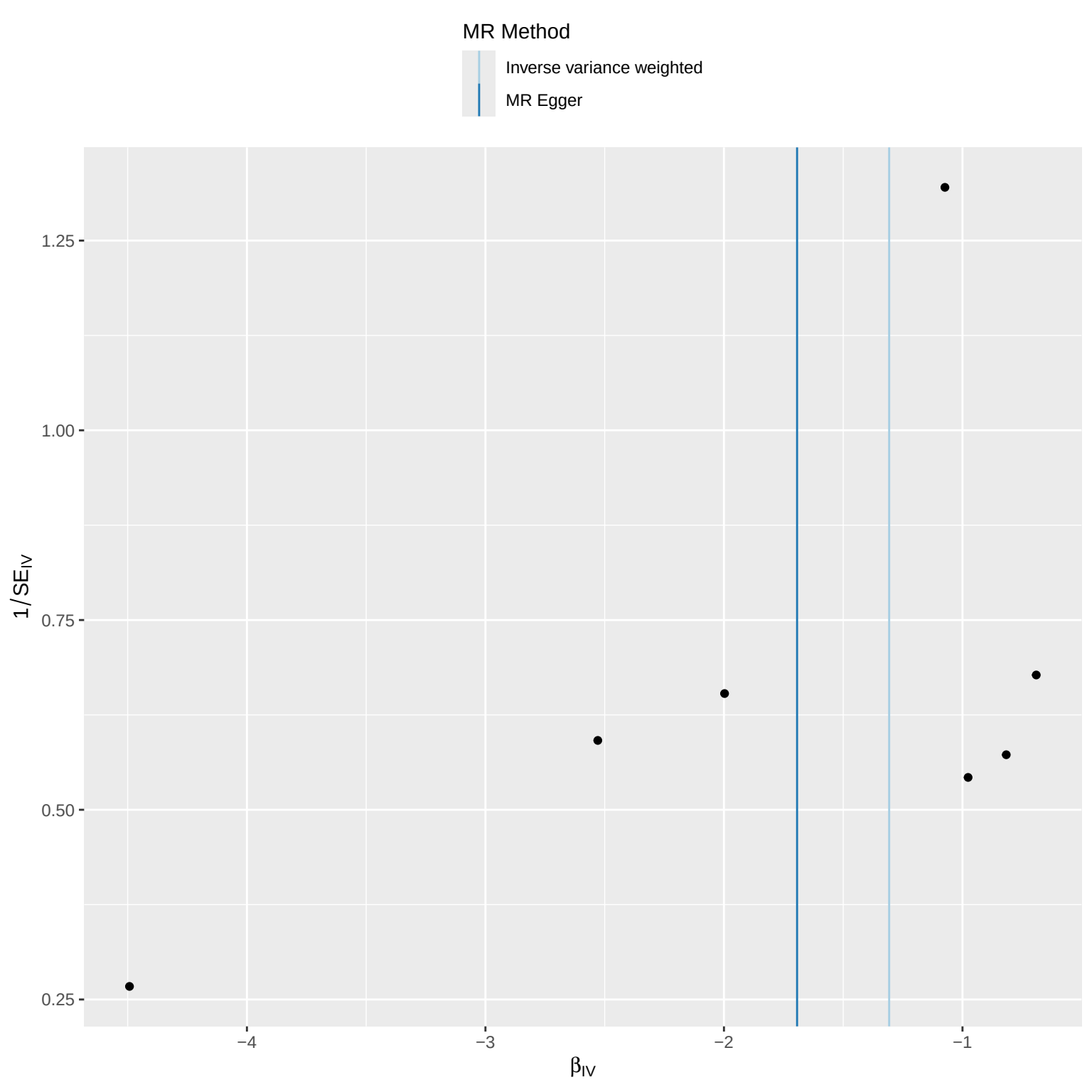

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

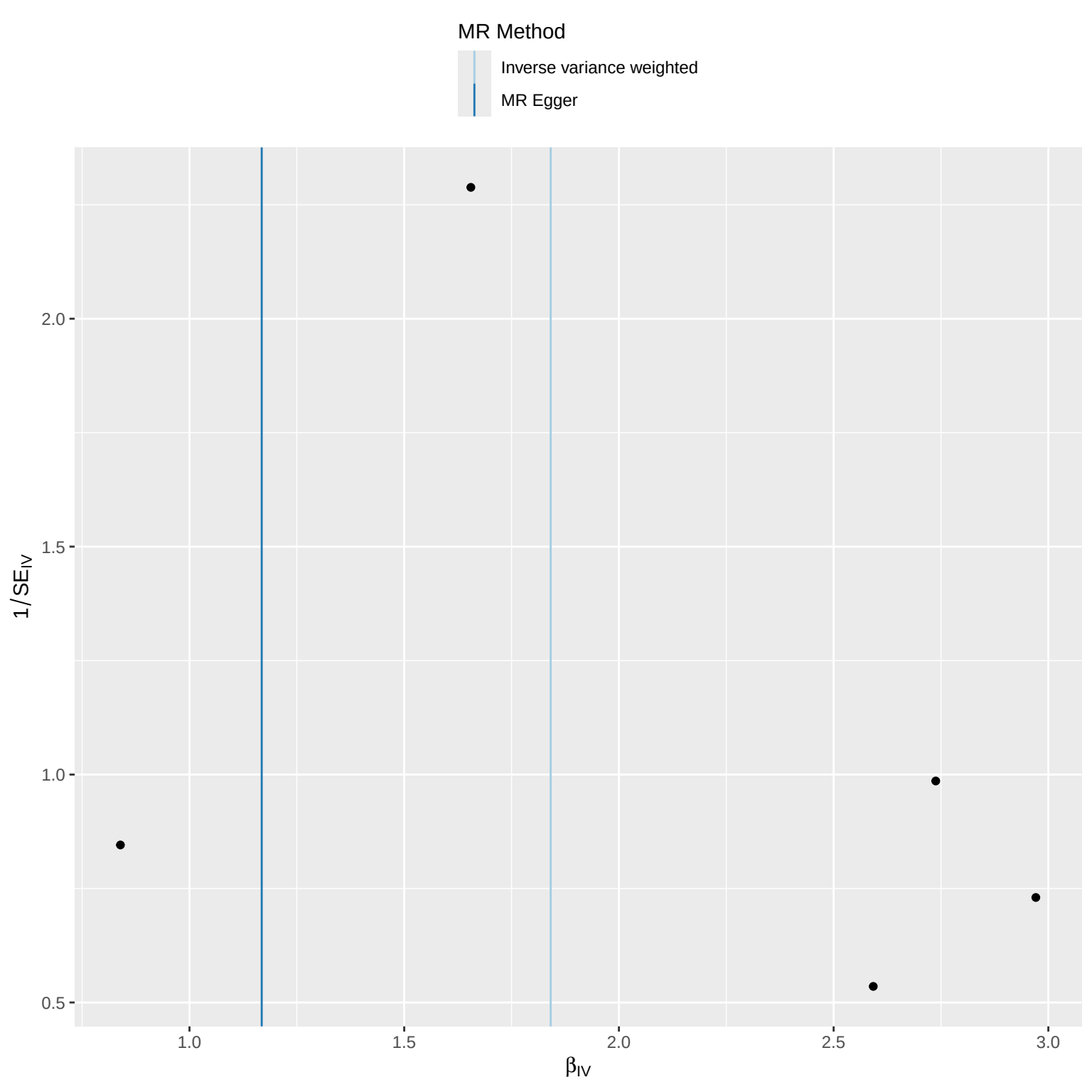

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

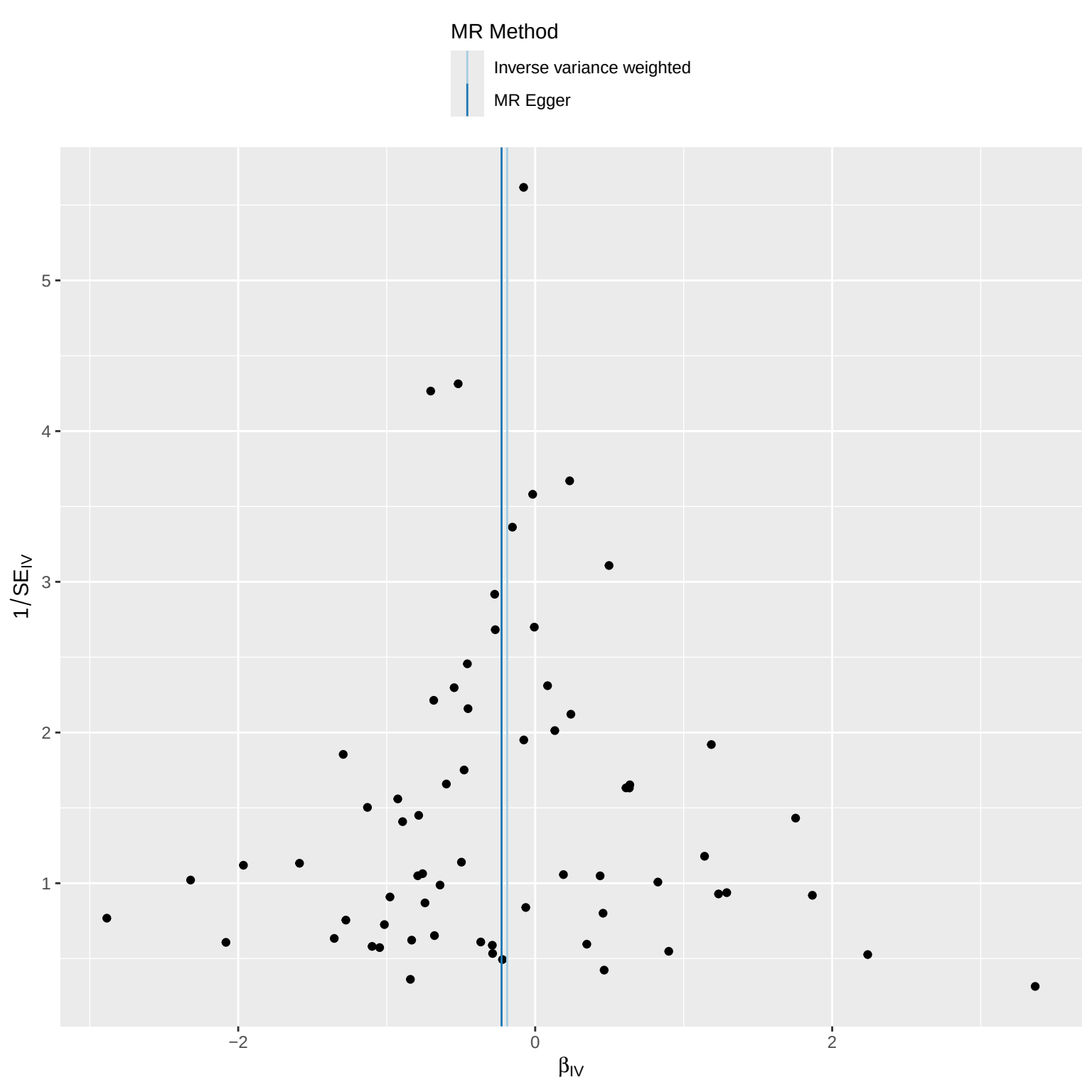

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
−2
−1
0
β_IV

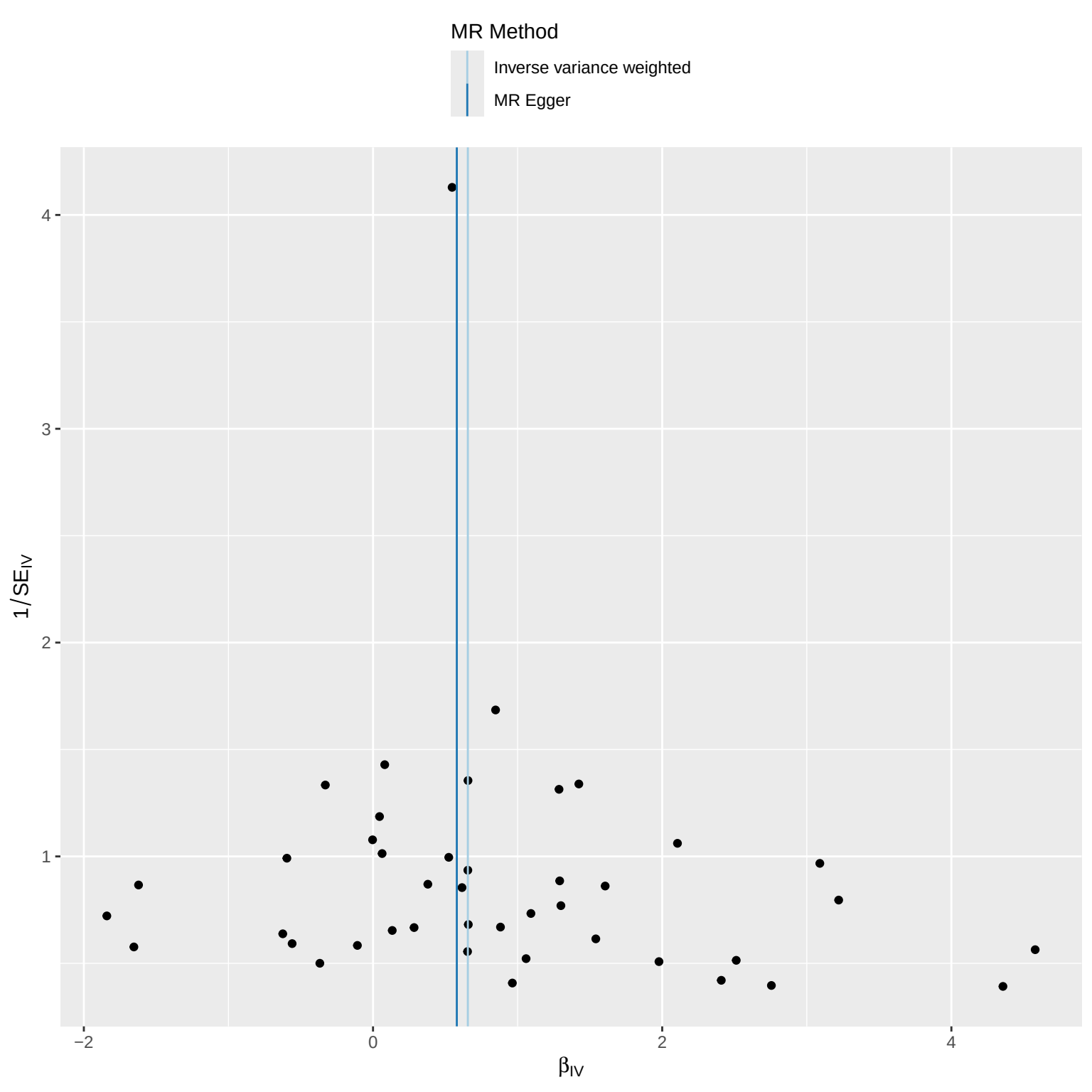

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

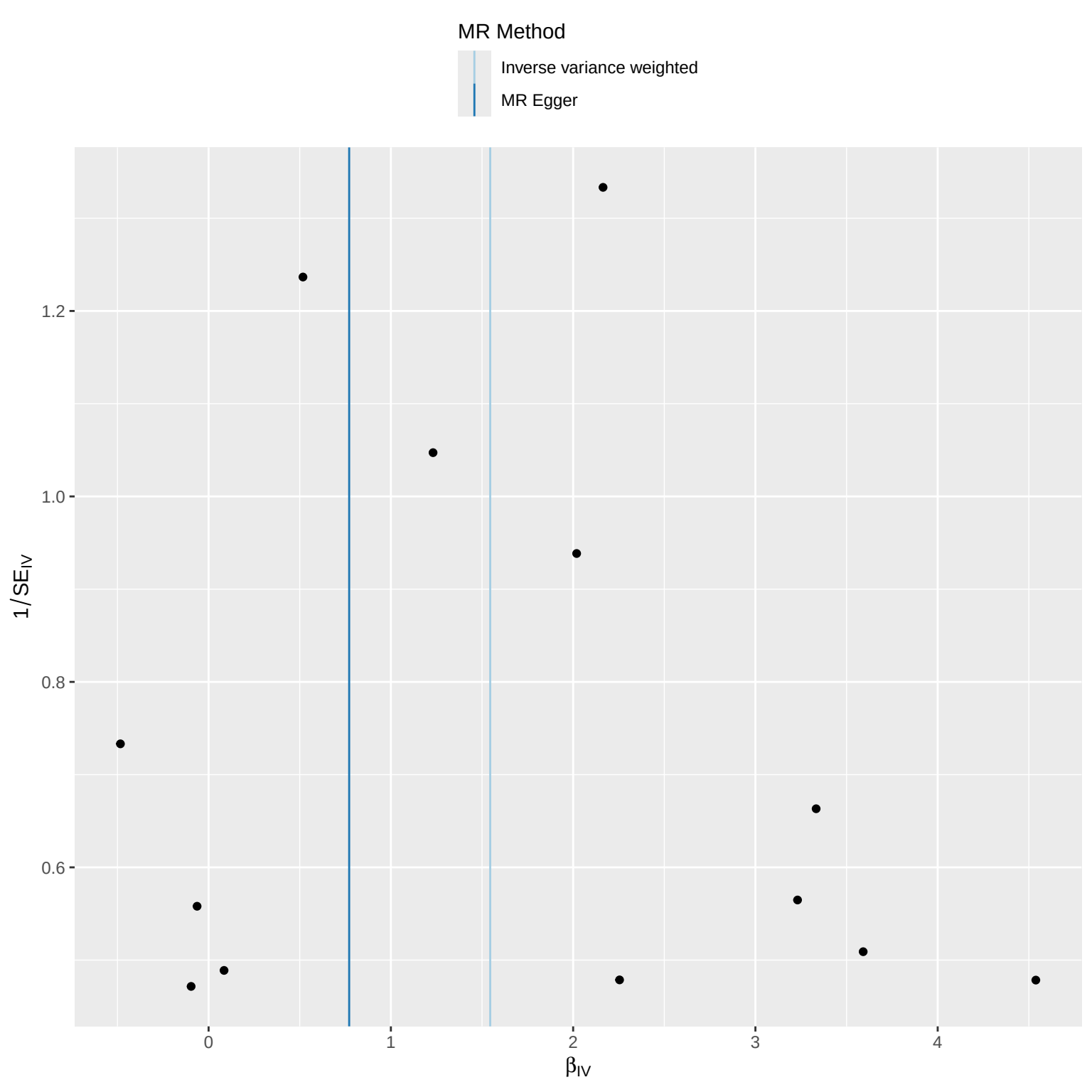

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

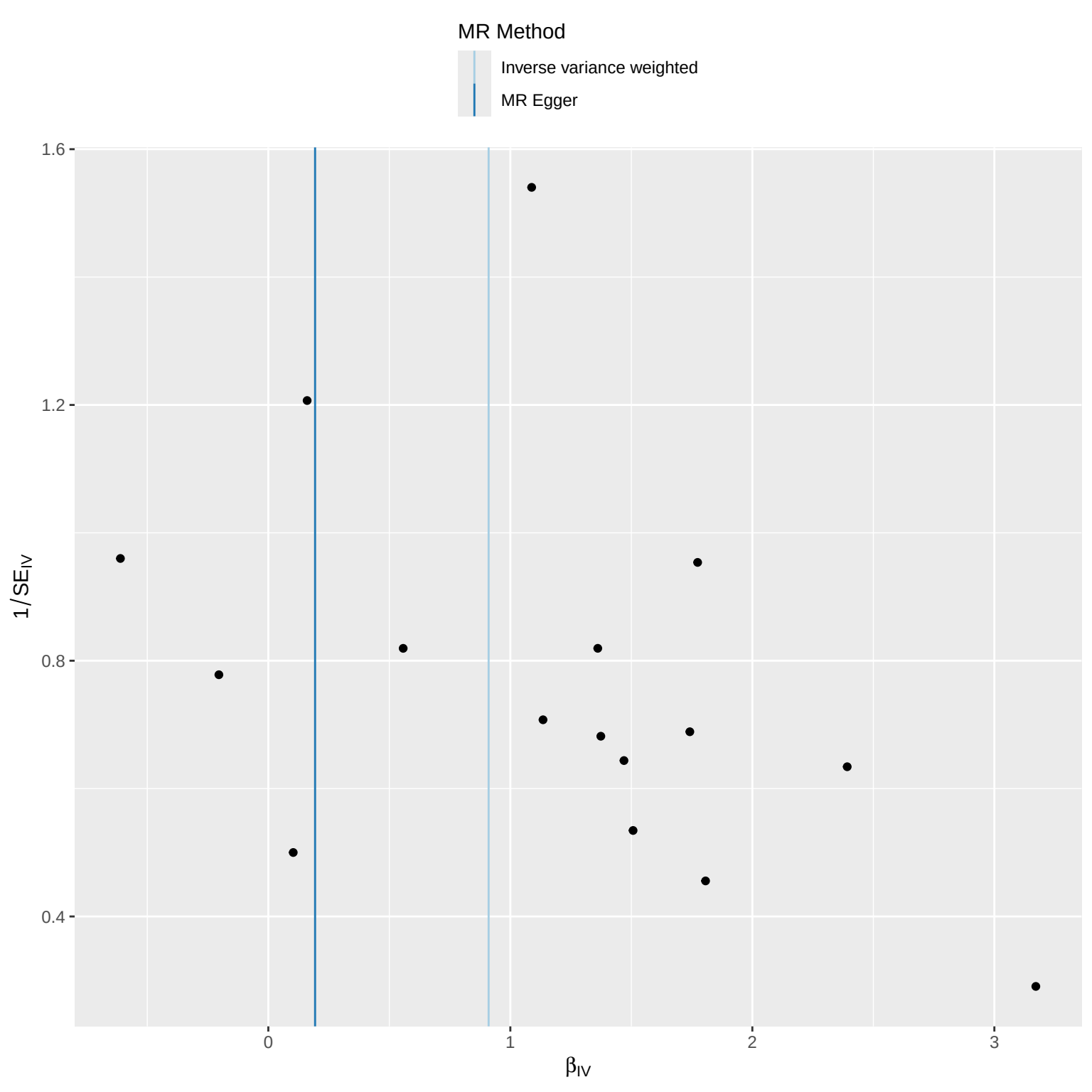

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−4
−3
−2
−1
β_IV

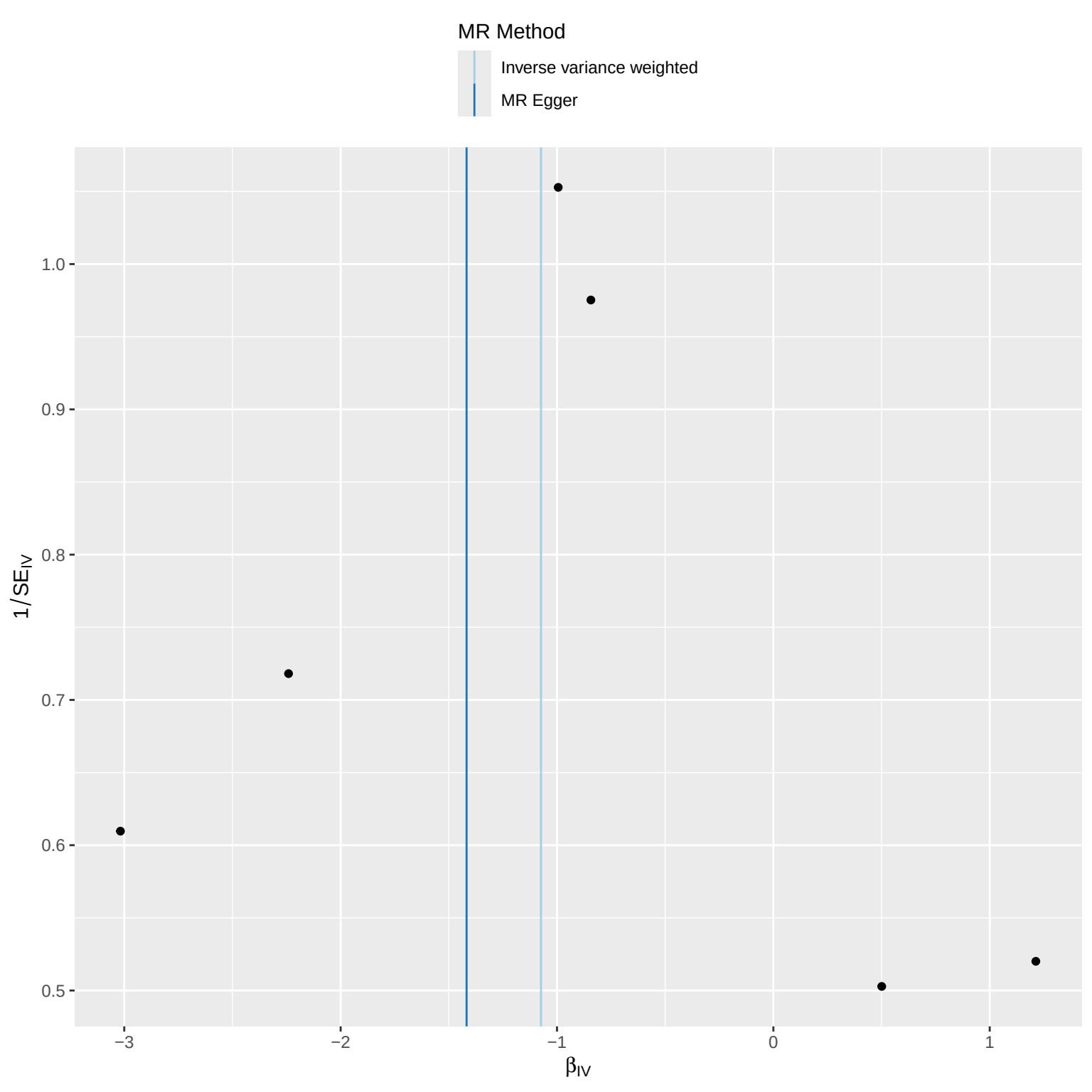

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
1.0
1.5
2.0
2.5
3.0
β_IV

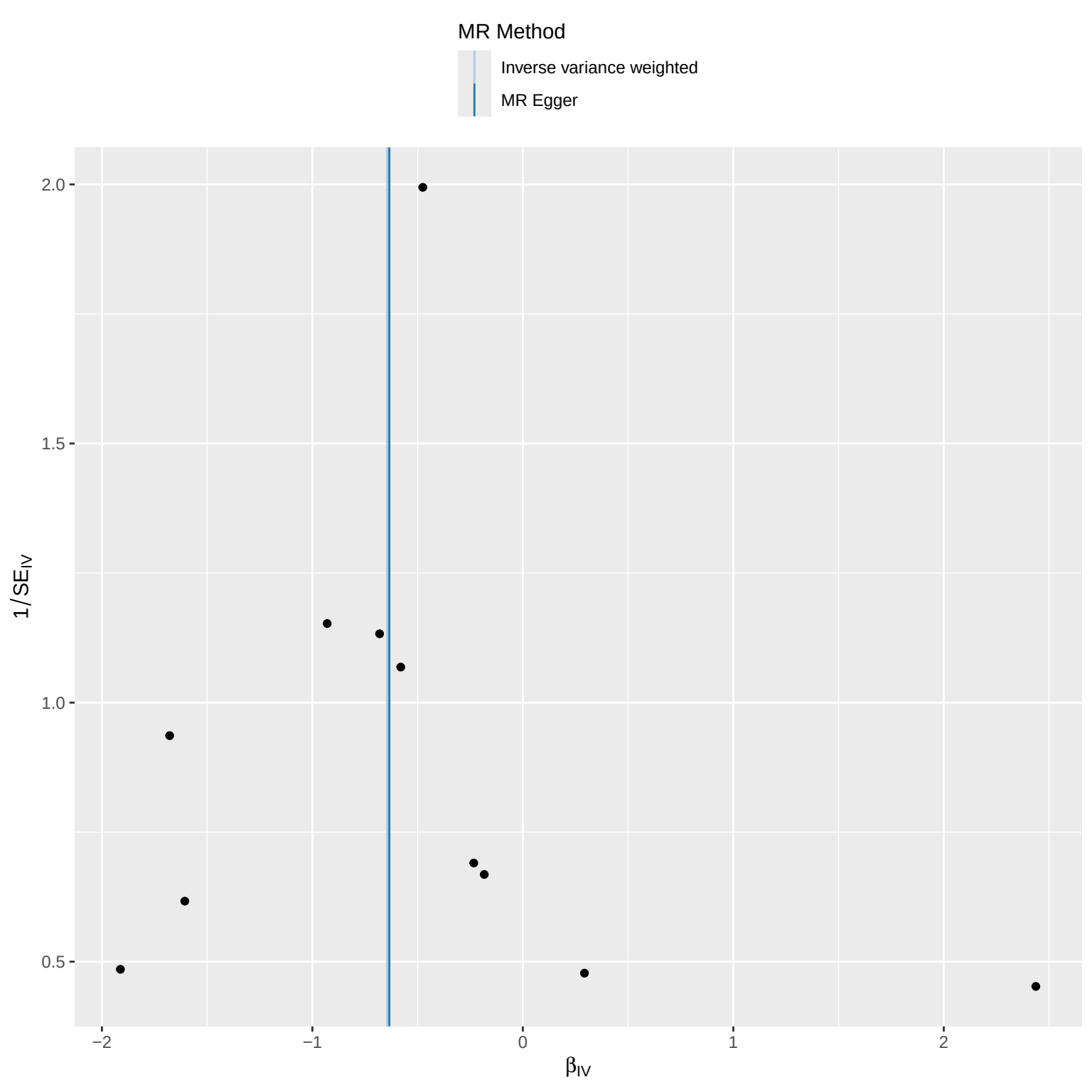

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
0
2

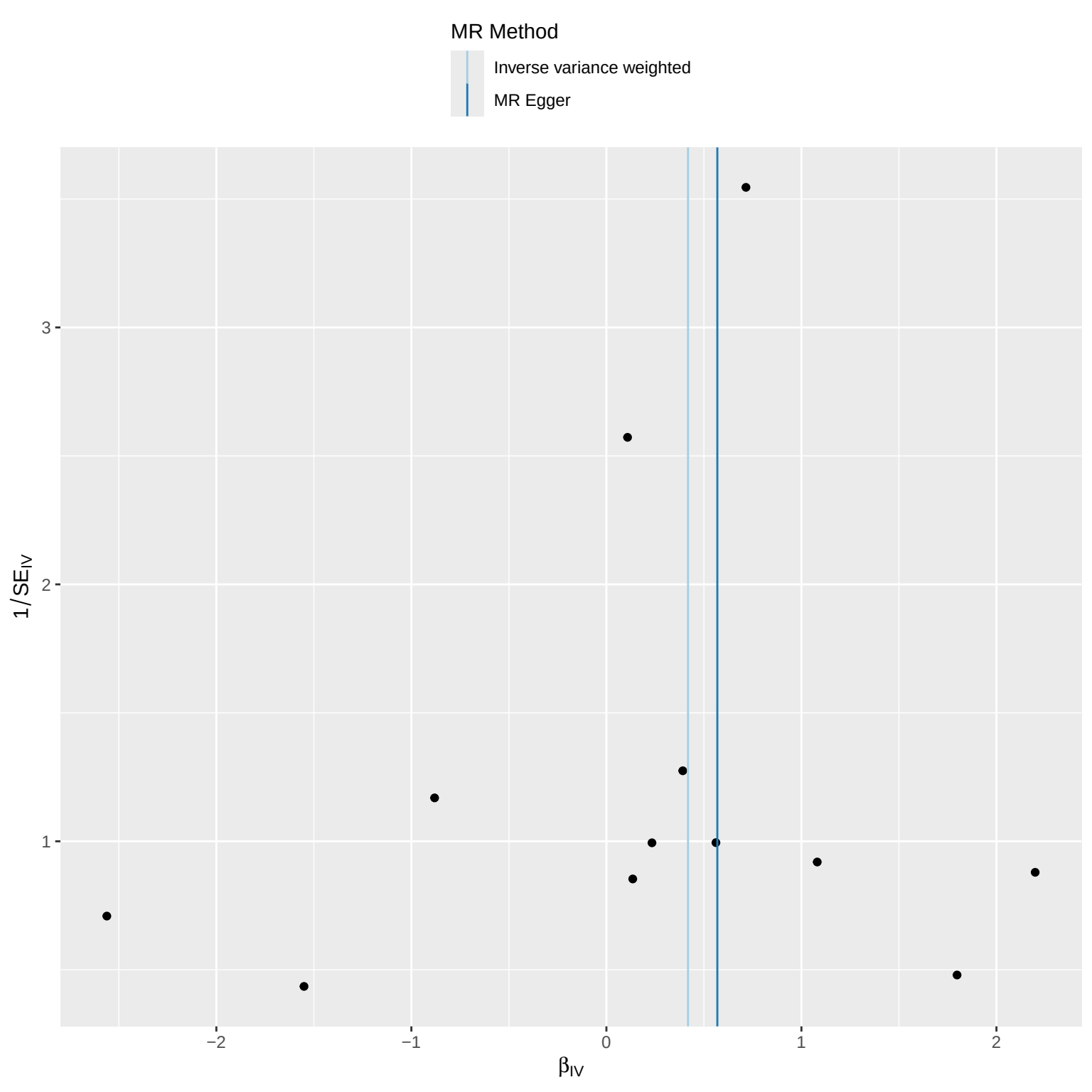

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

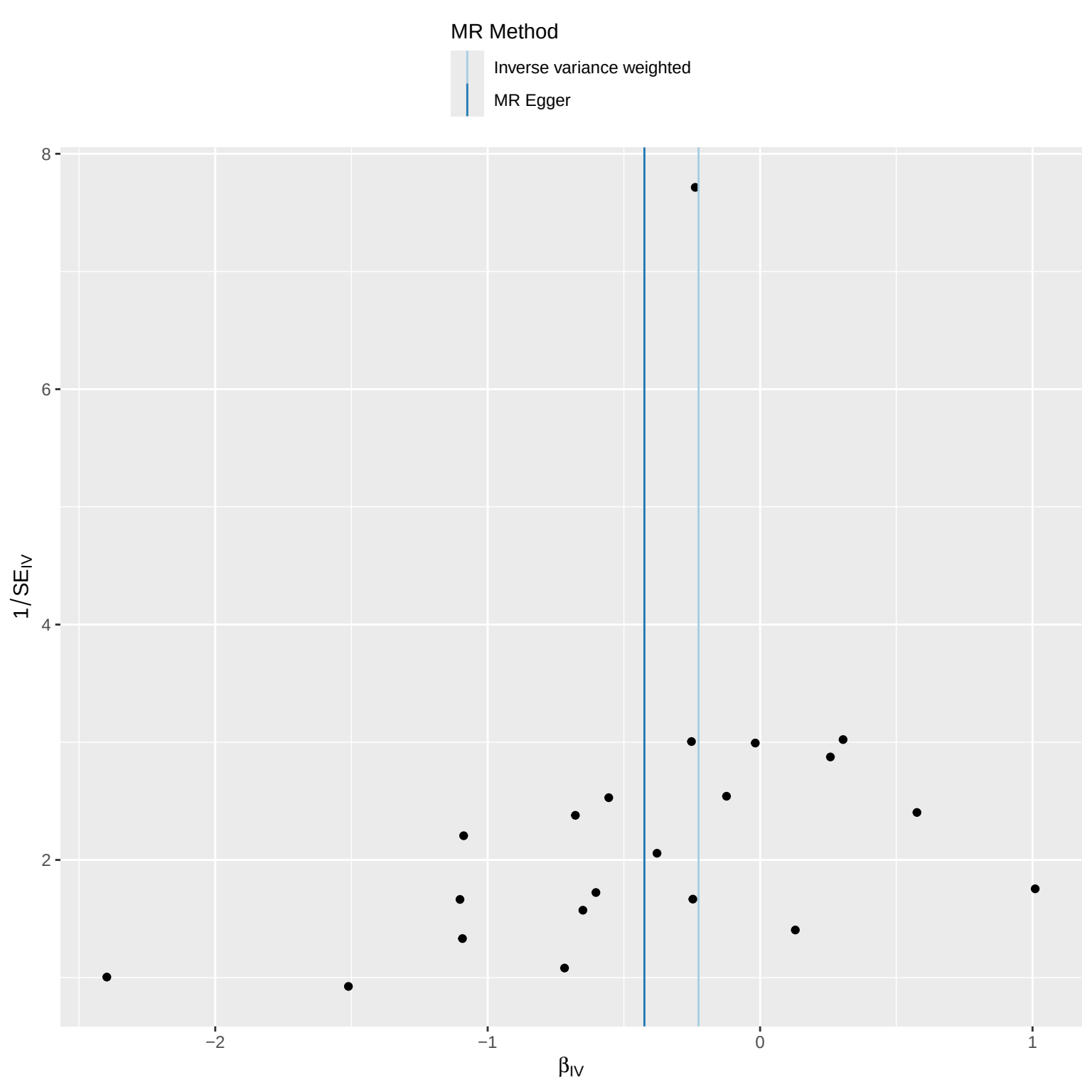

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
4
β_IV

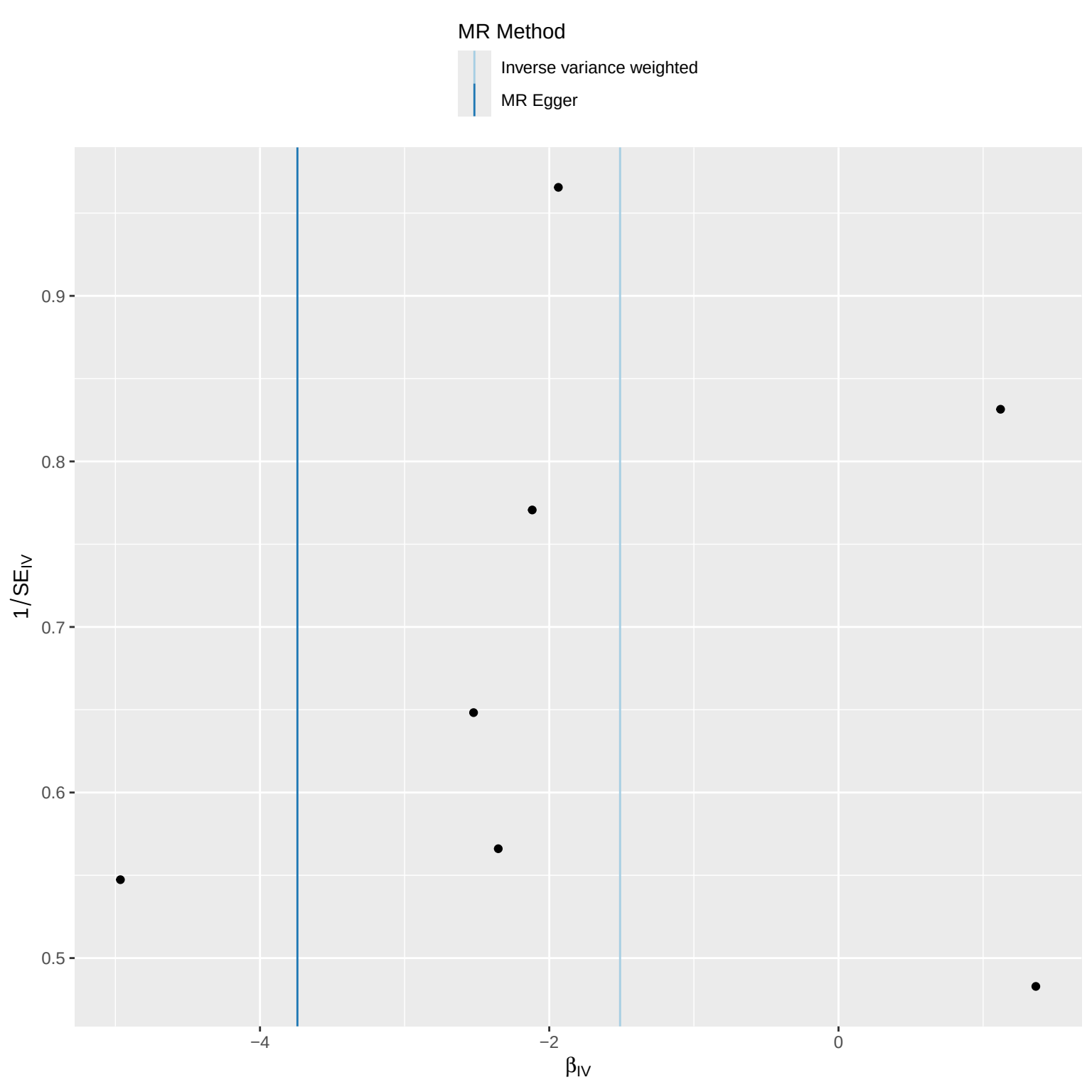

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
1
2
3
β_IV

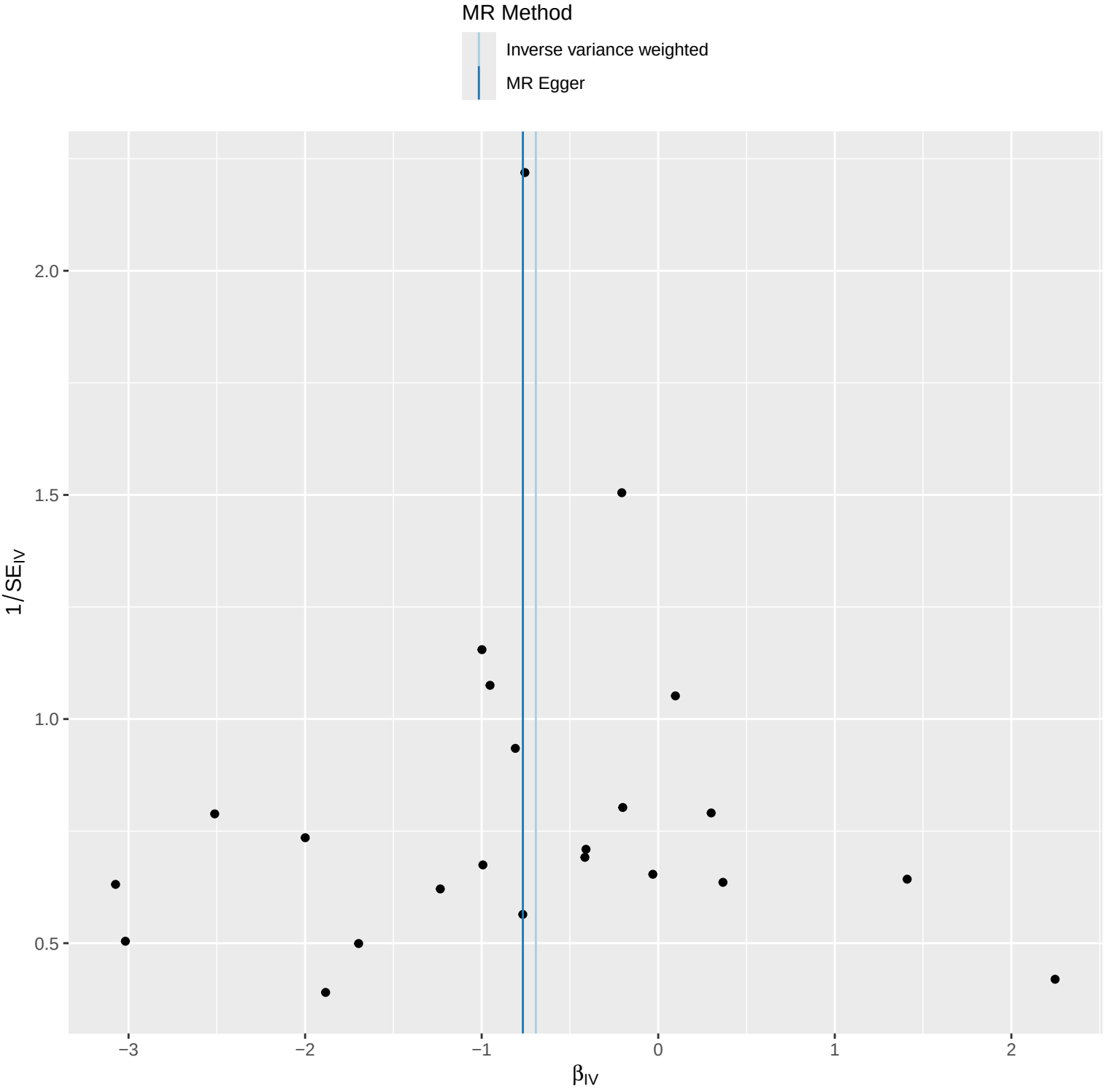

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

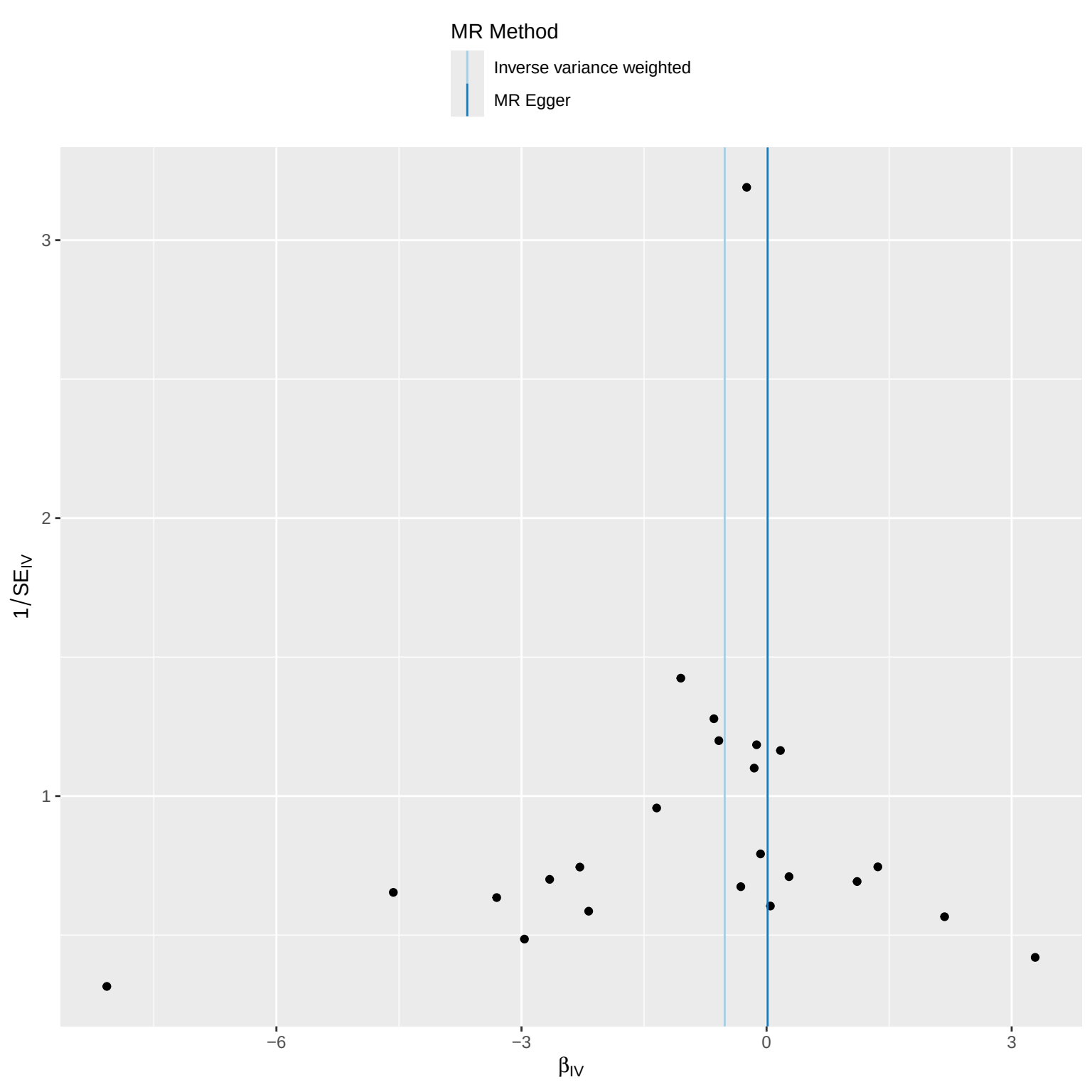

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

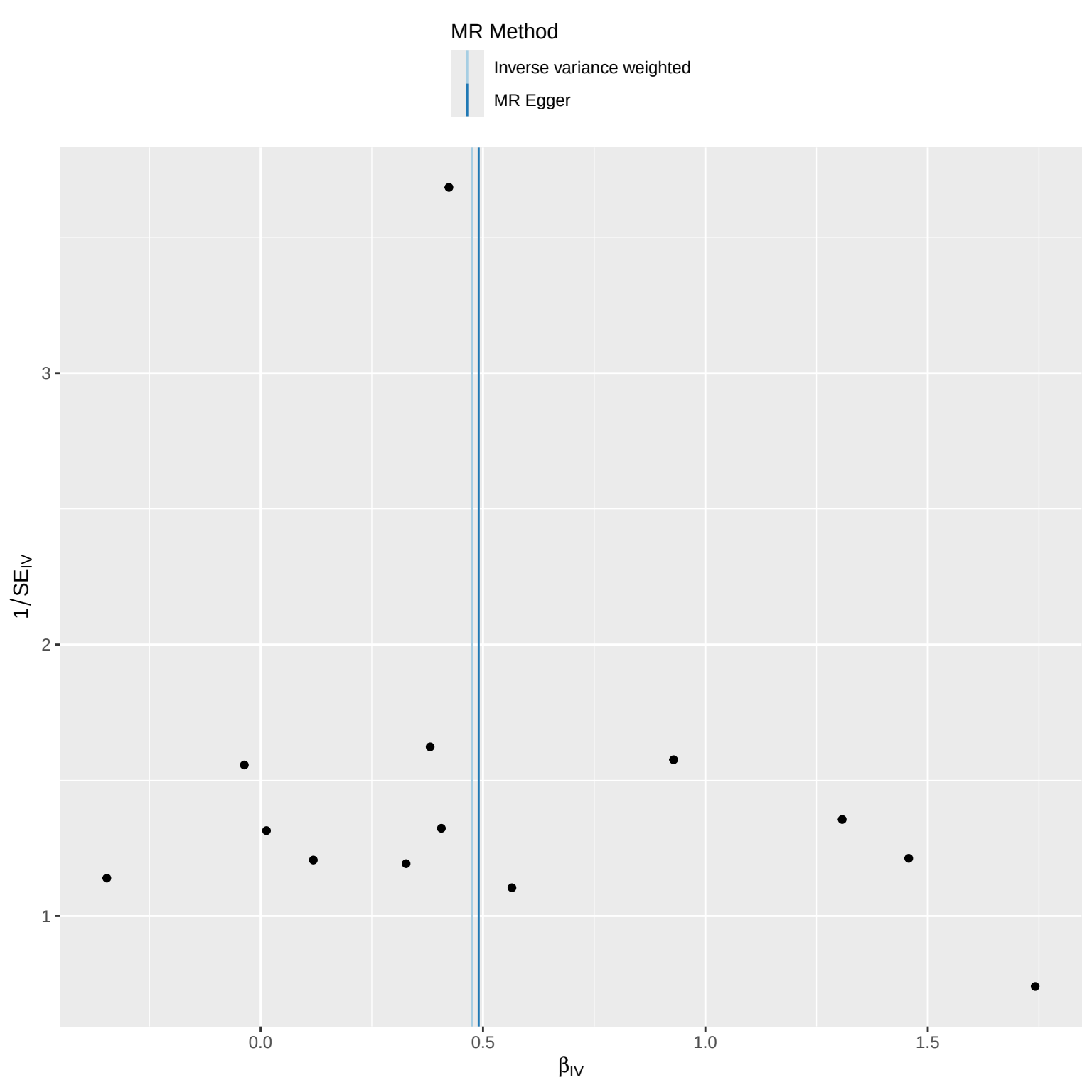

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

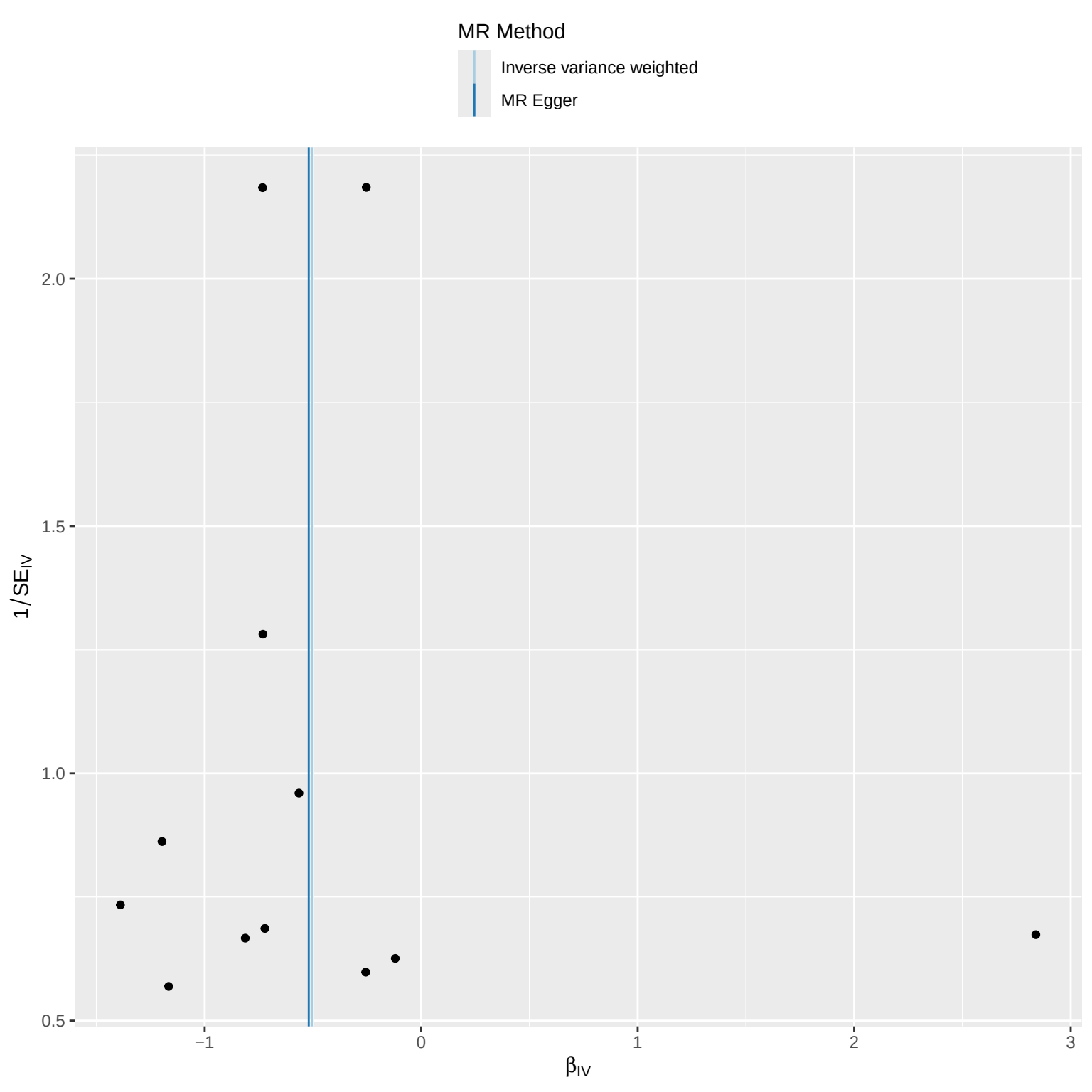

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

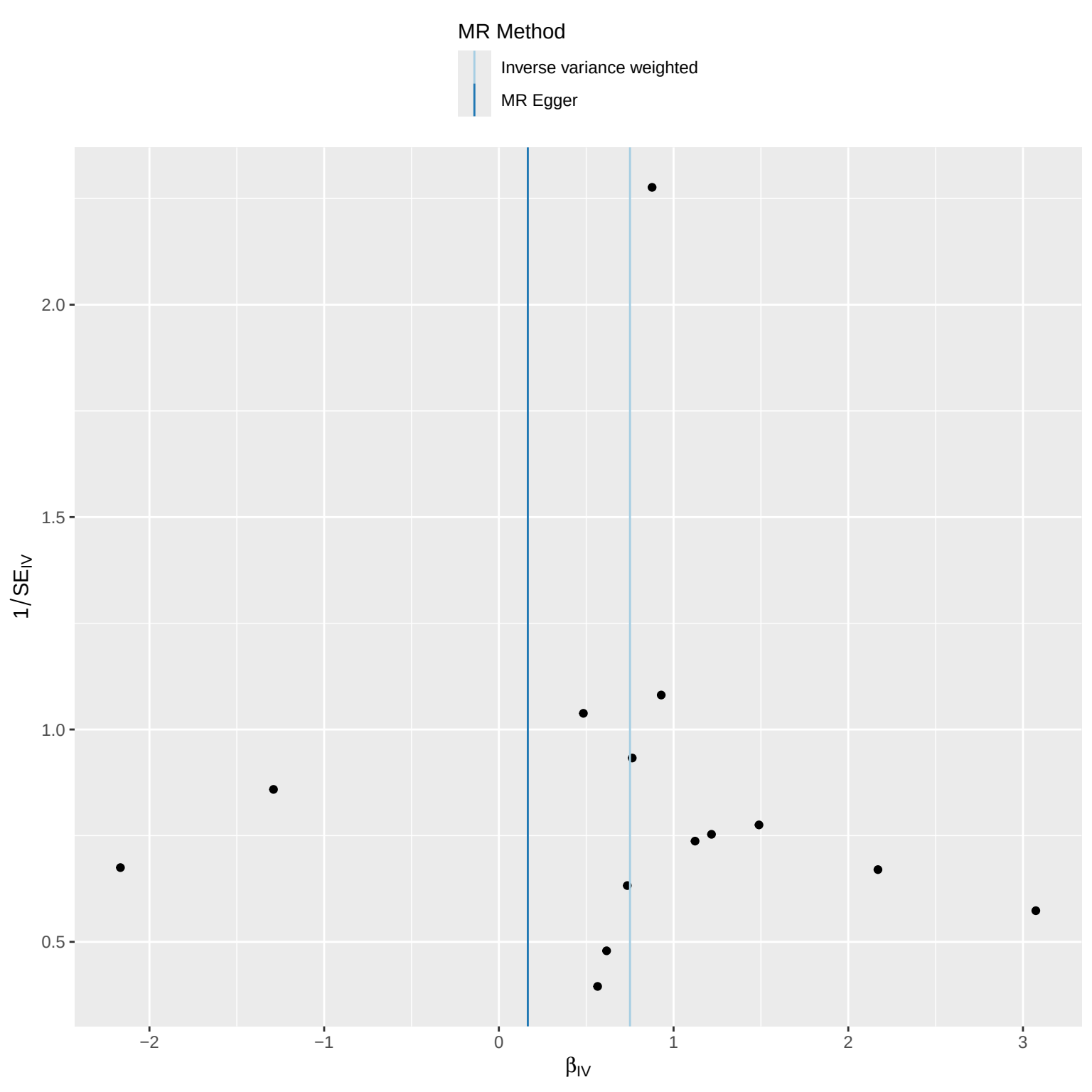

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−4
−2
0
β_IV

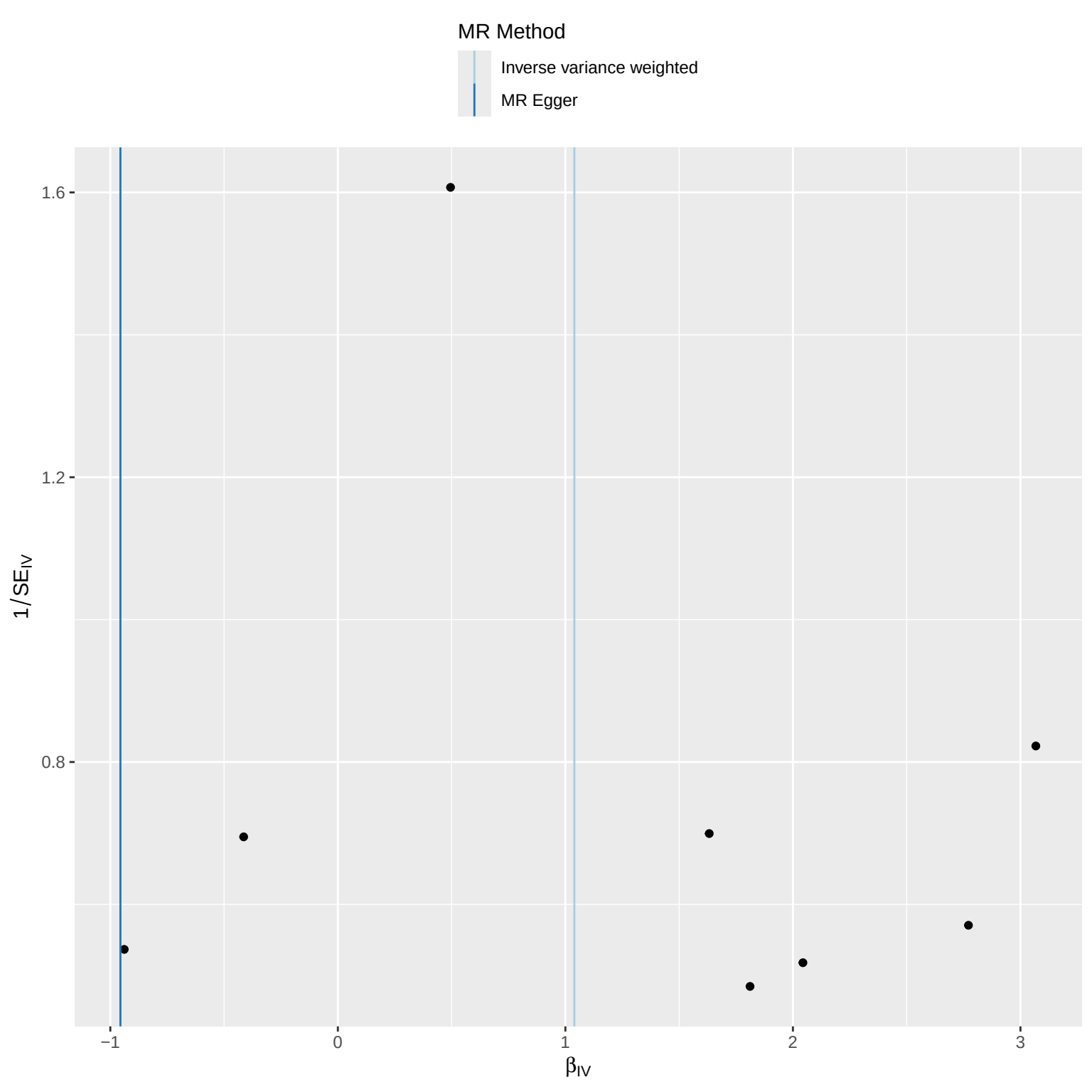

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

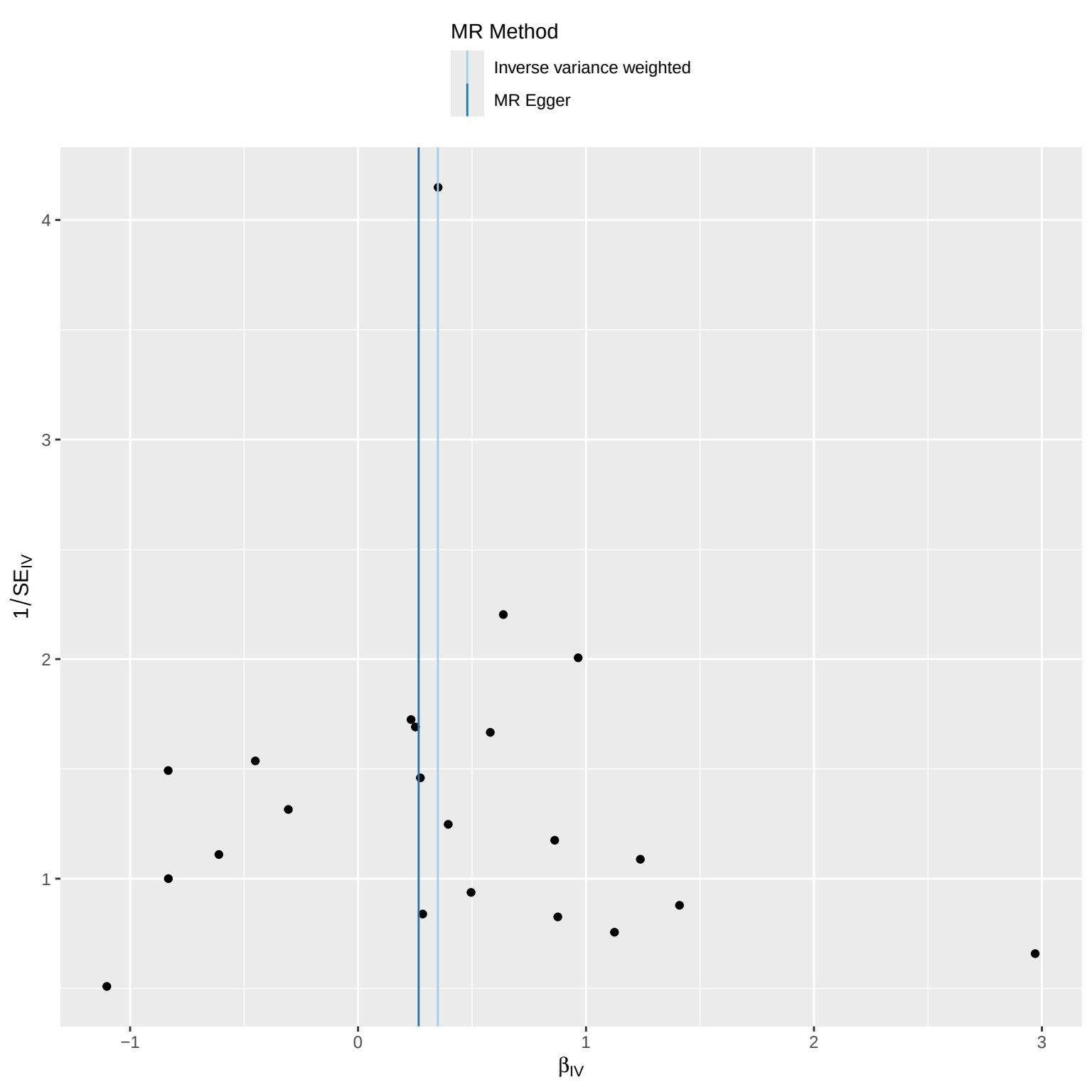

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−3
0
3
β_IV

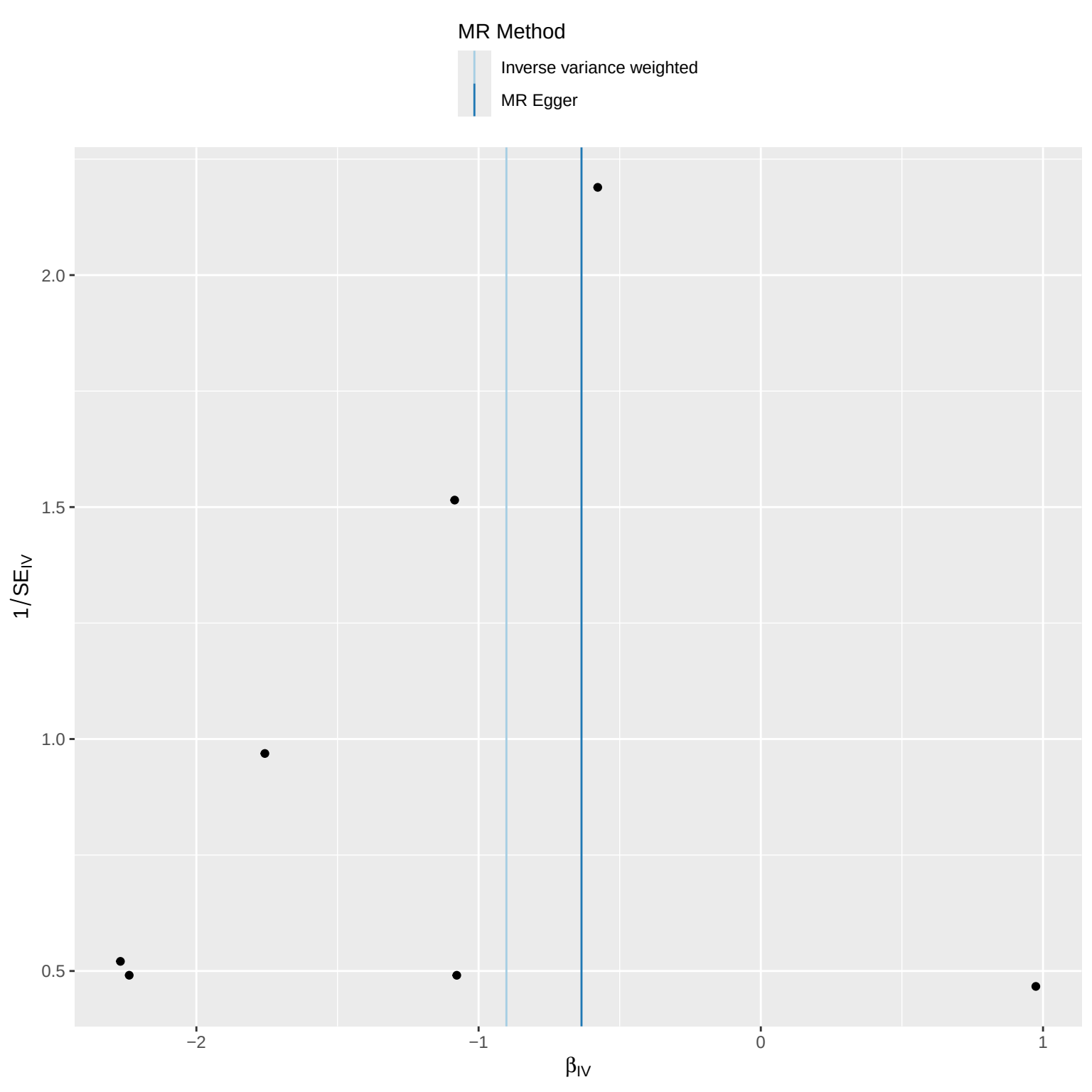

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

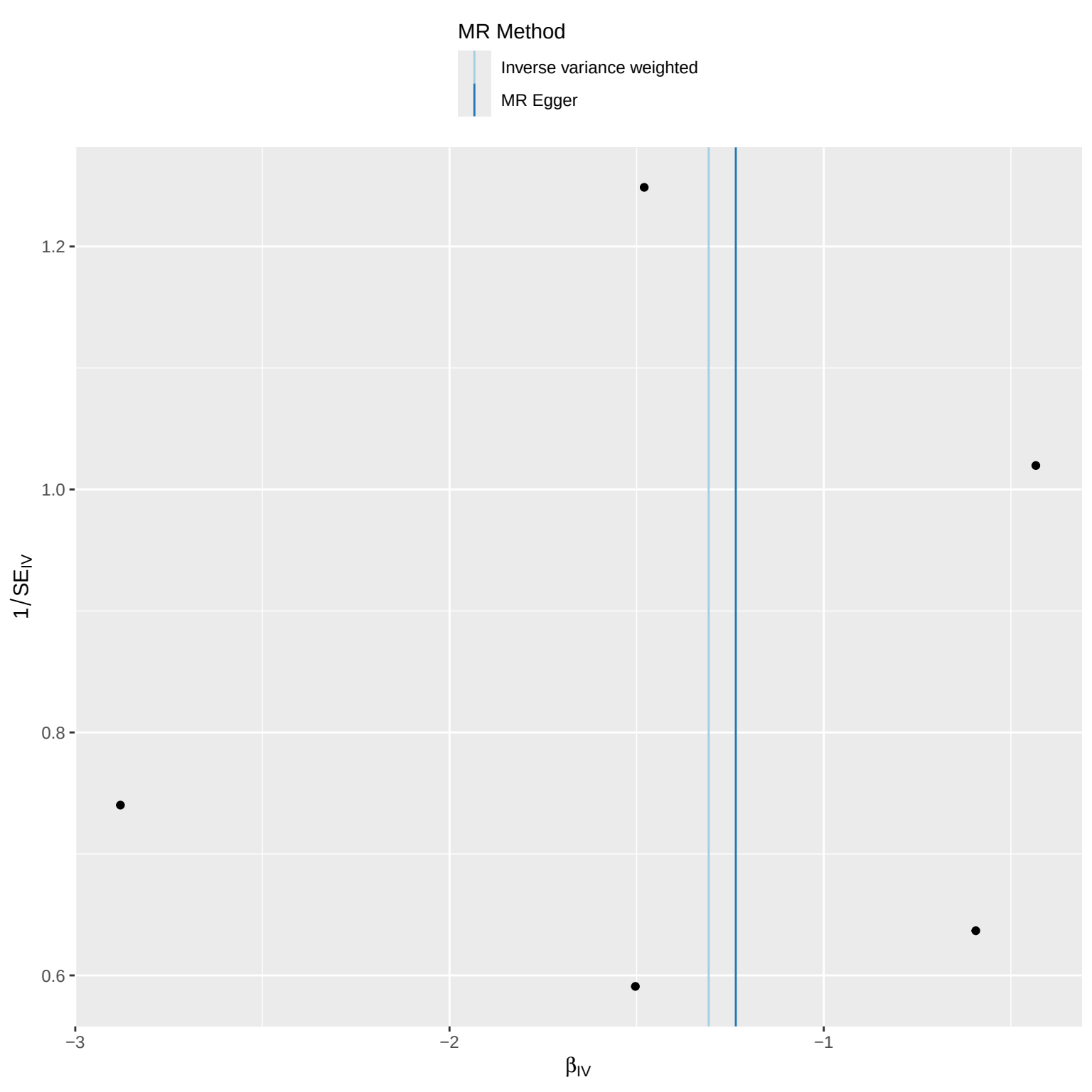

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

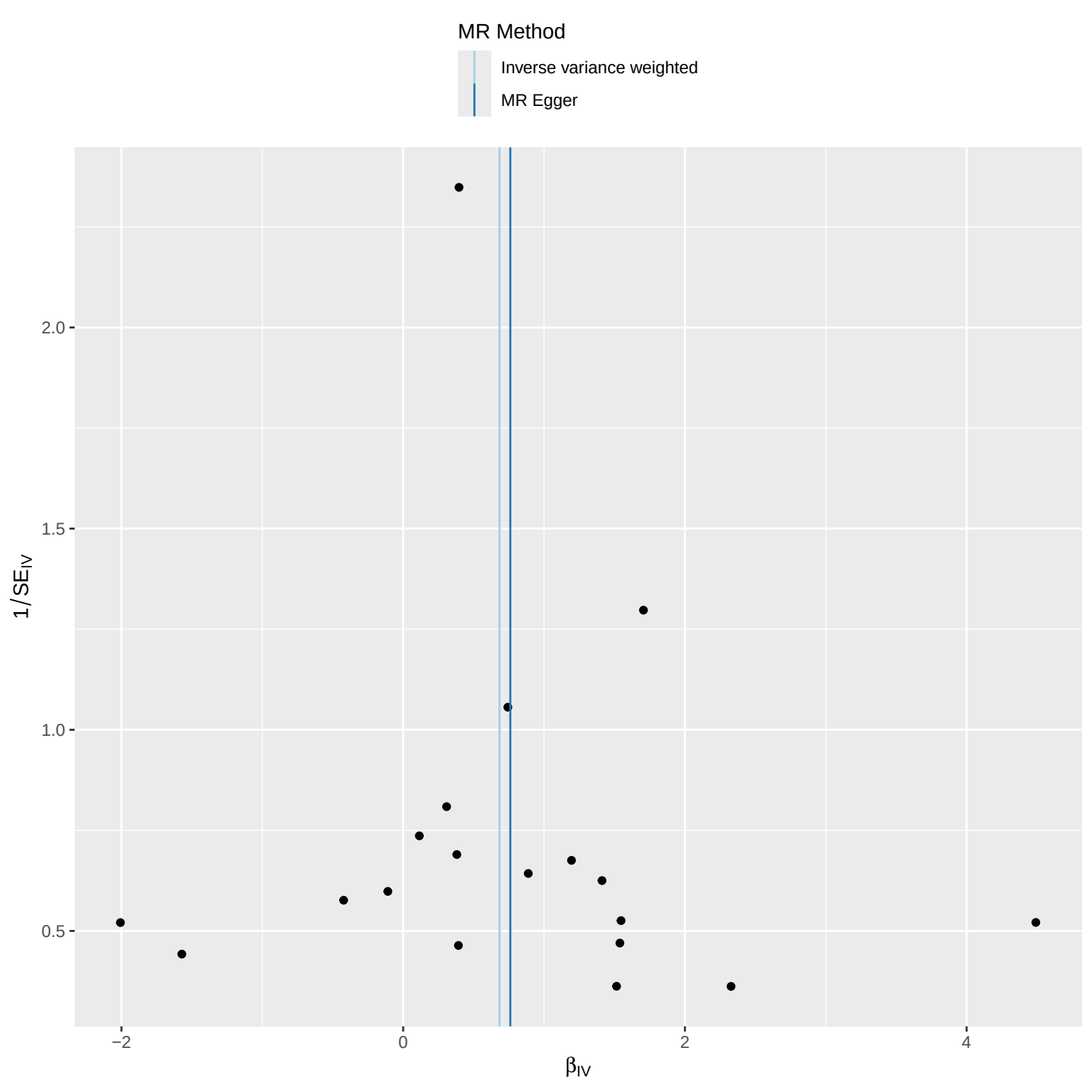

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

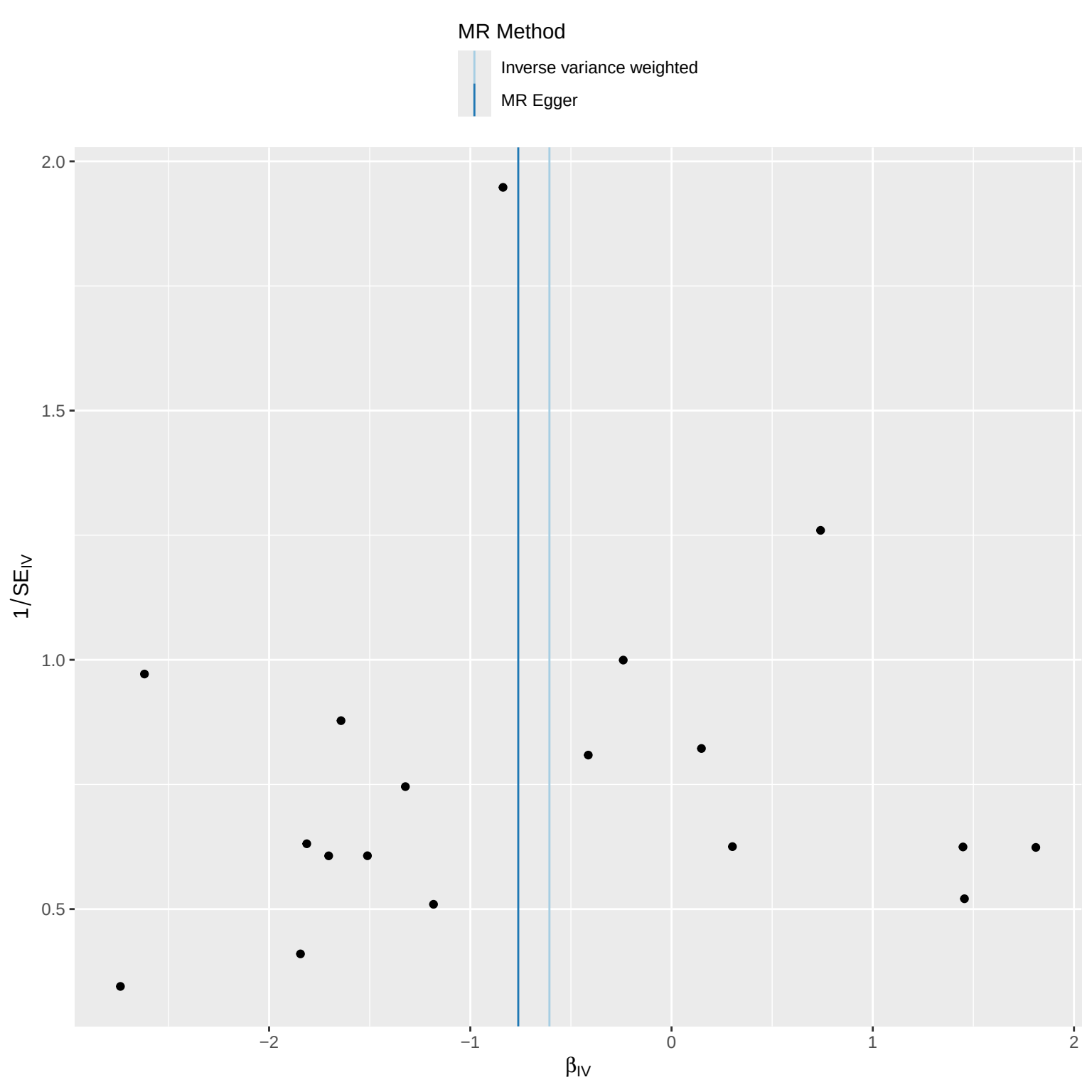

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−1
0
1
2
3
β_IV

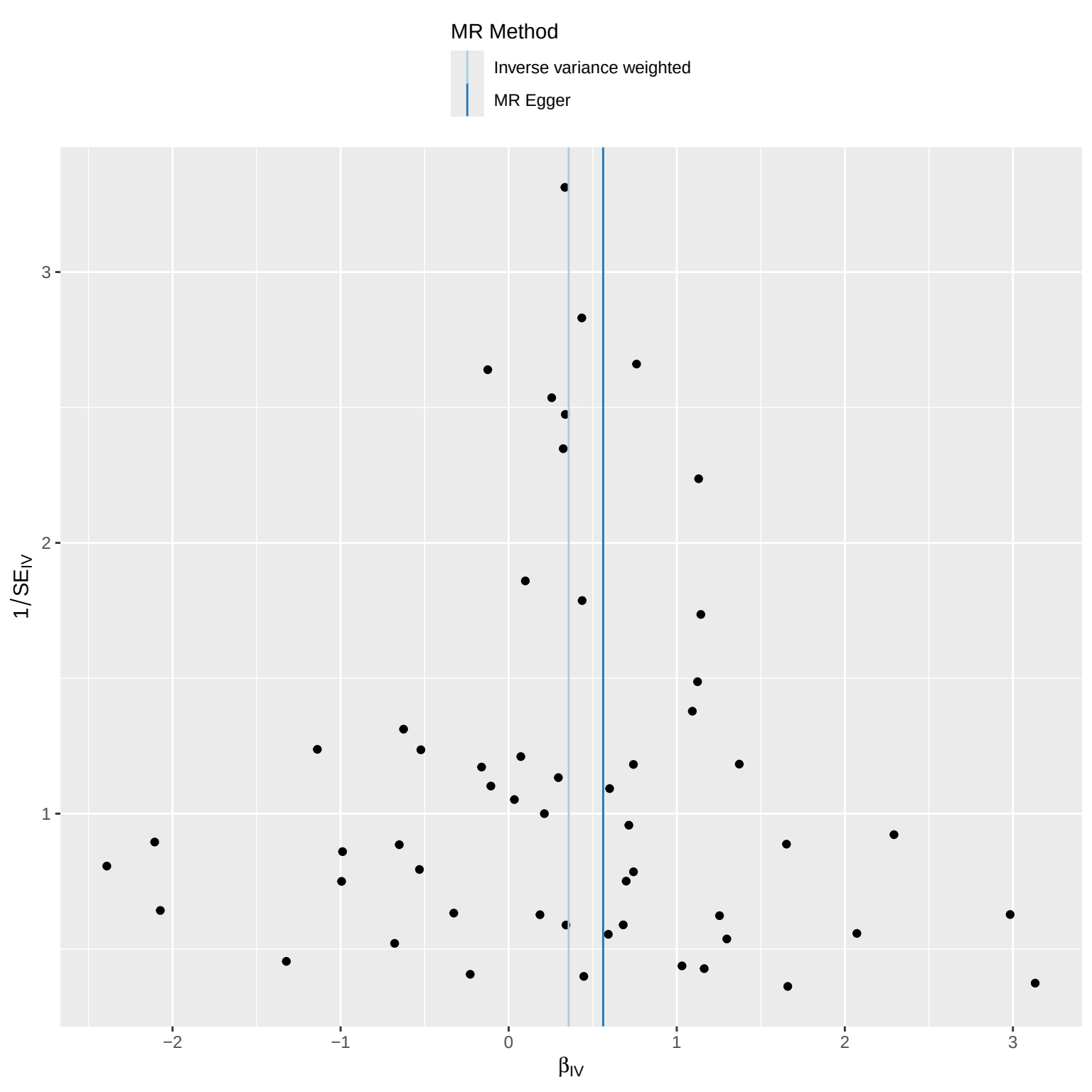

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

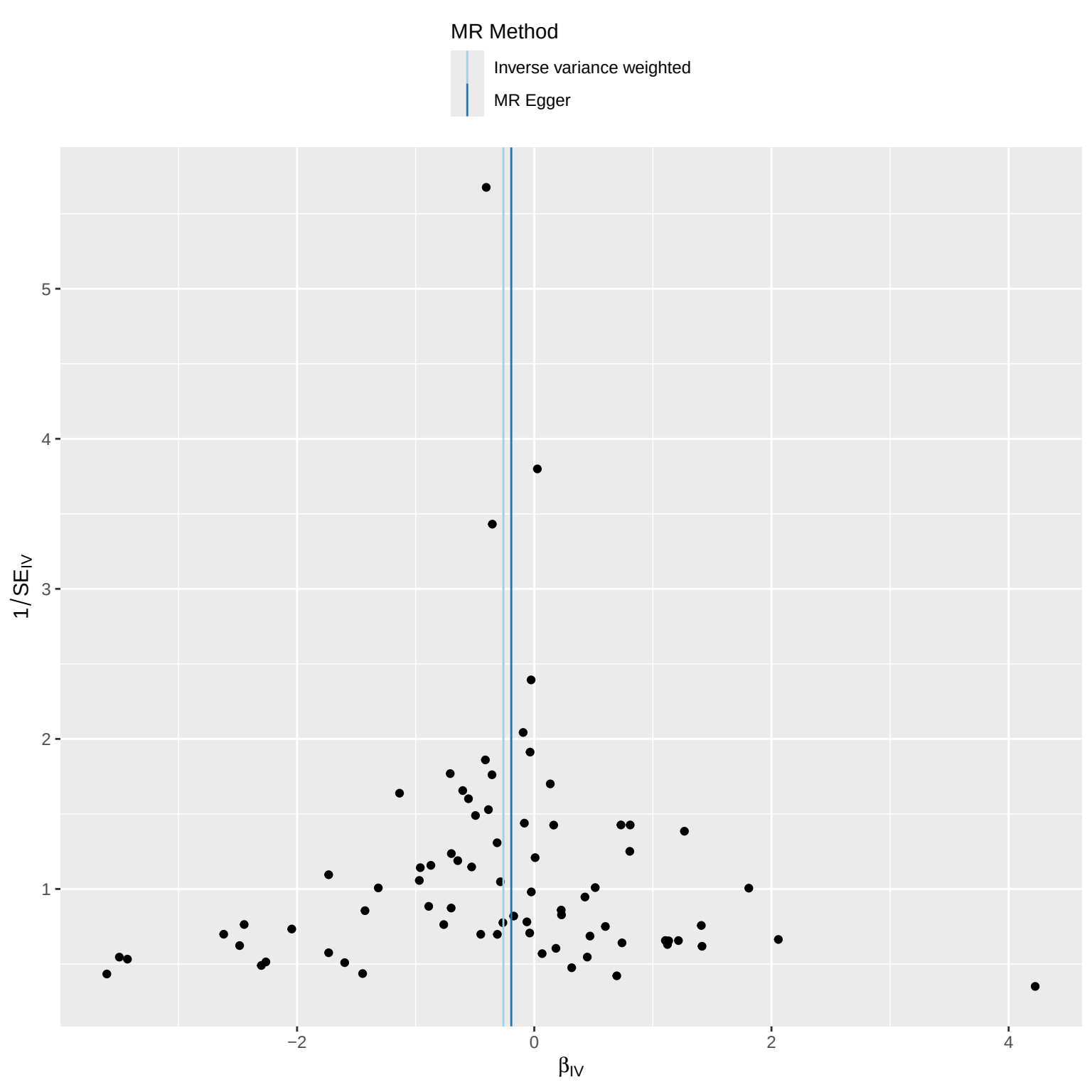

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

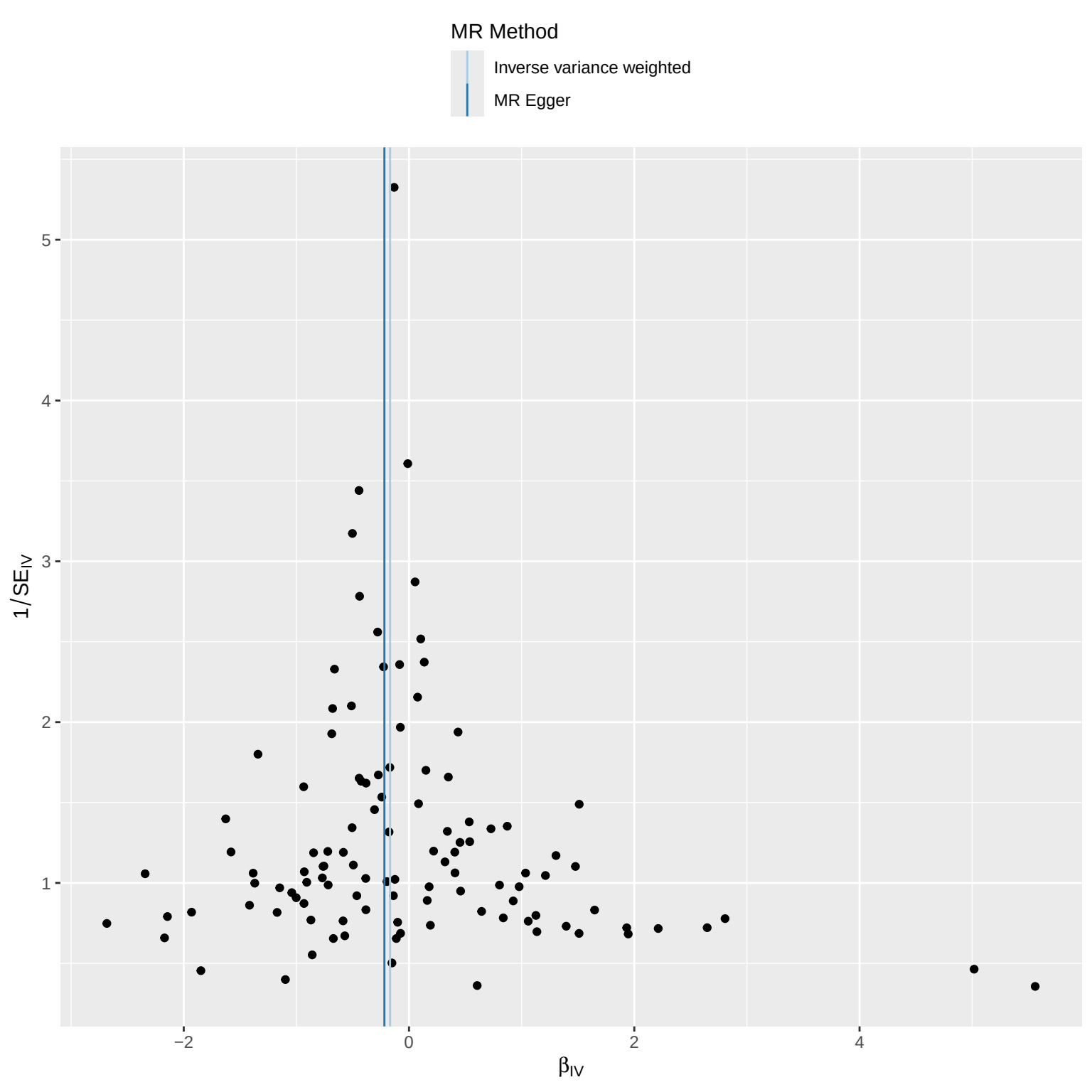

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
β_IV

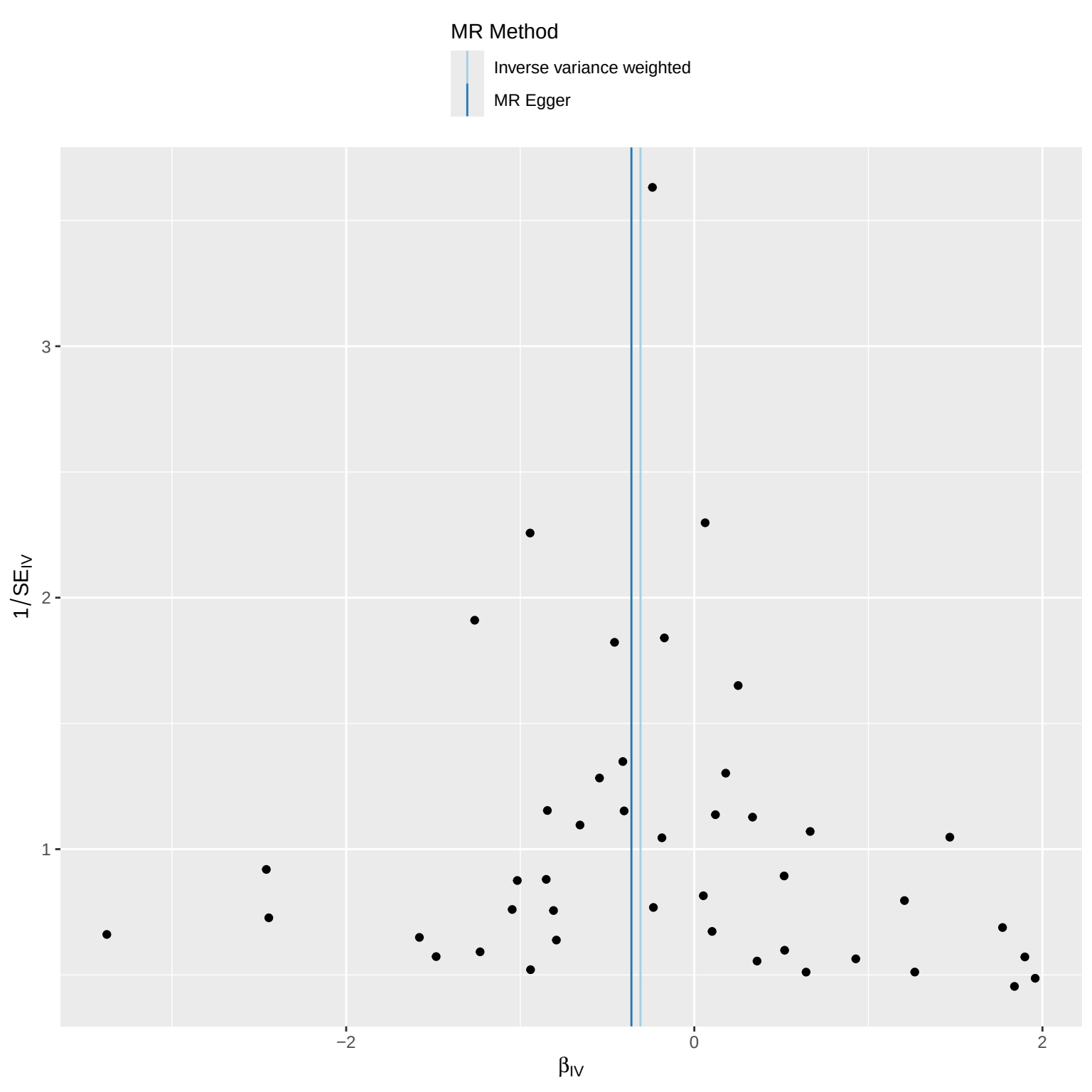

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

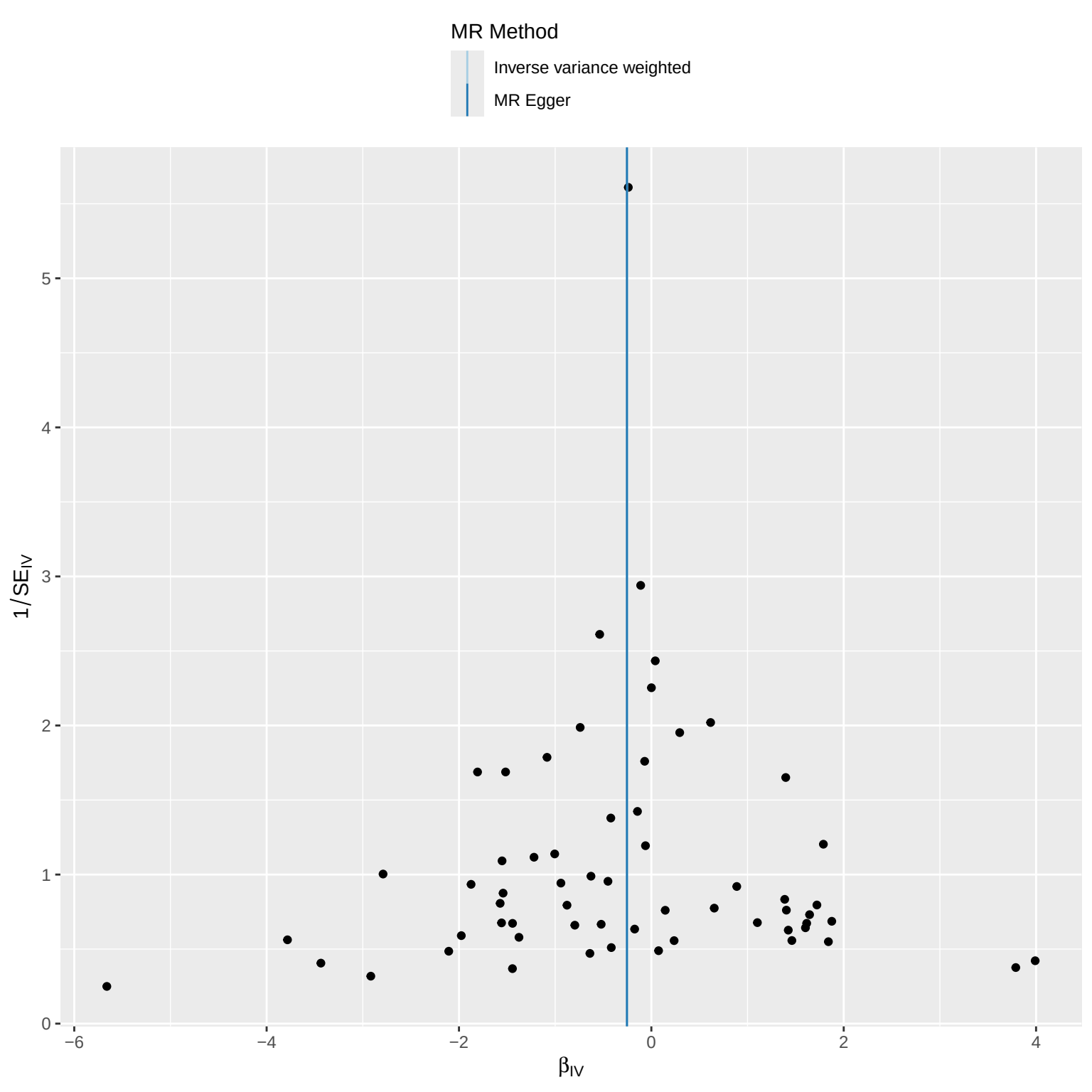

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

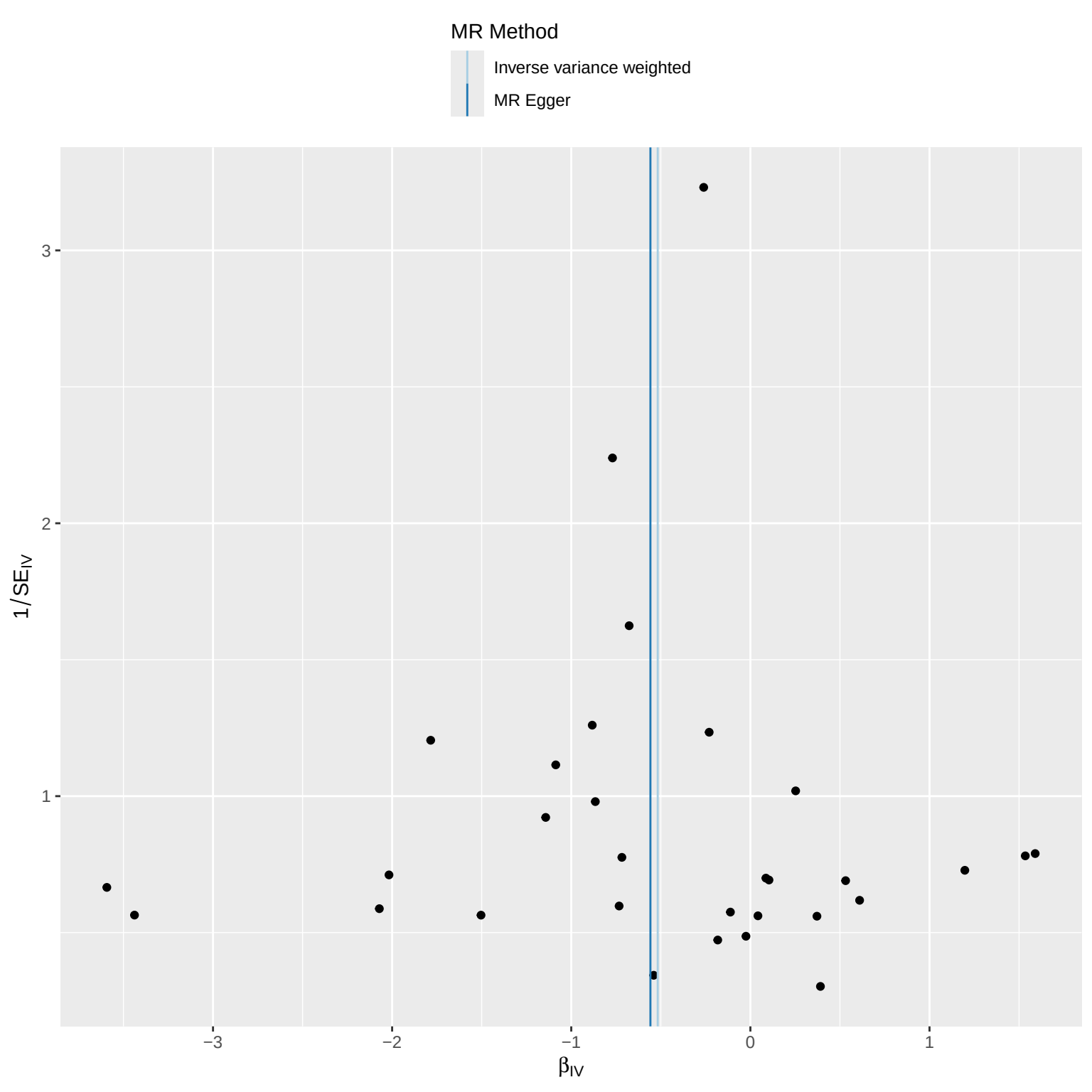

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

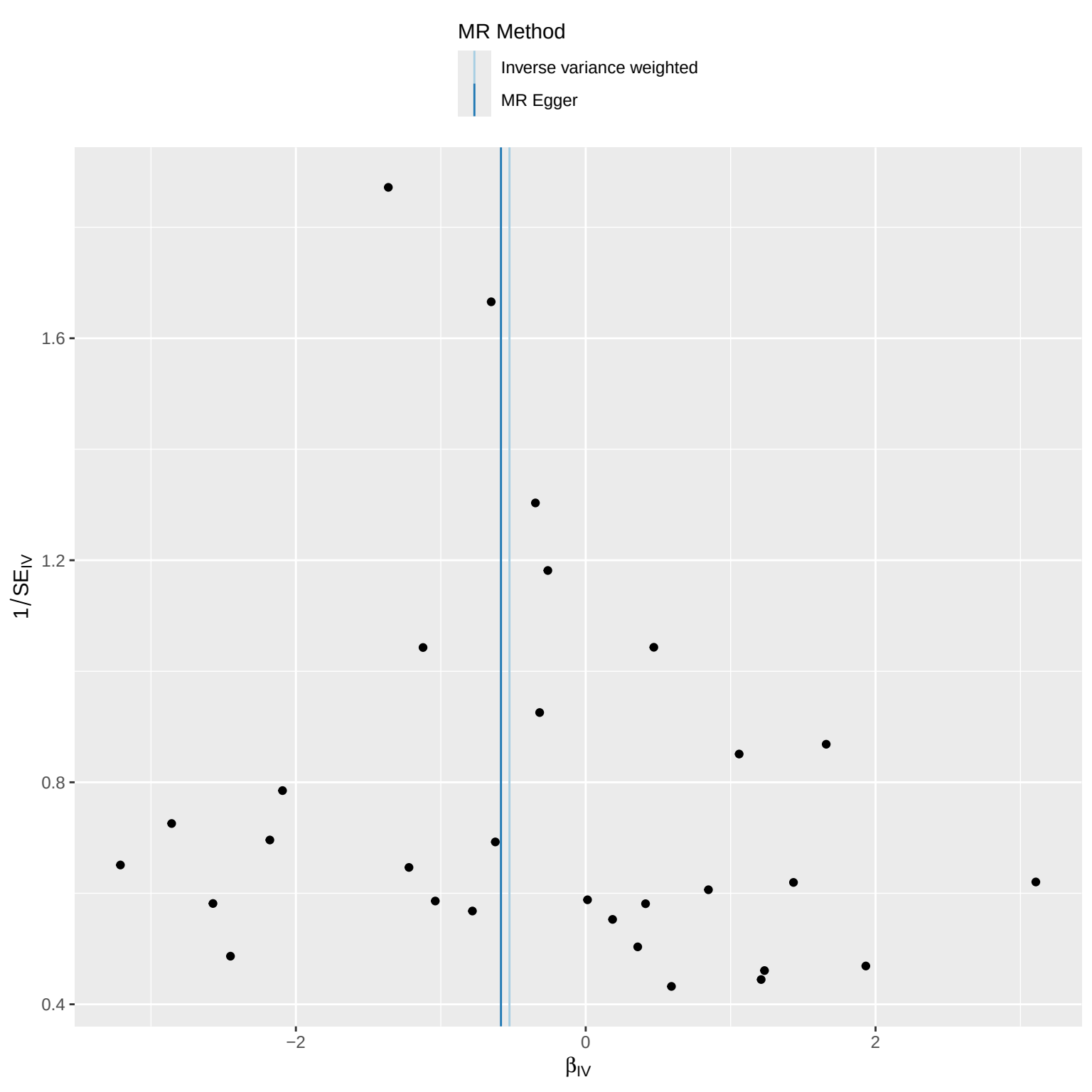

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

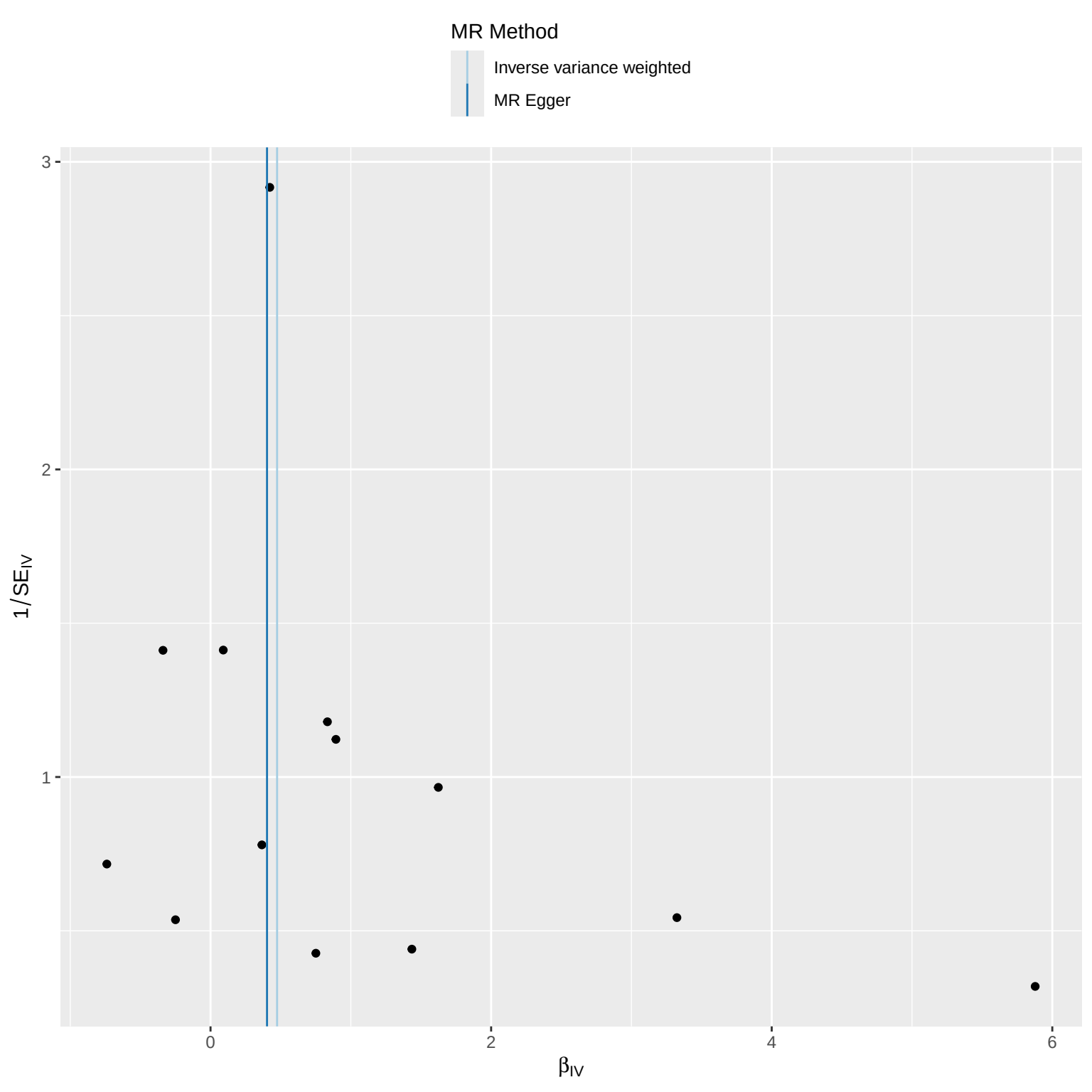

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

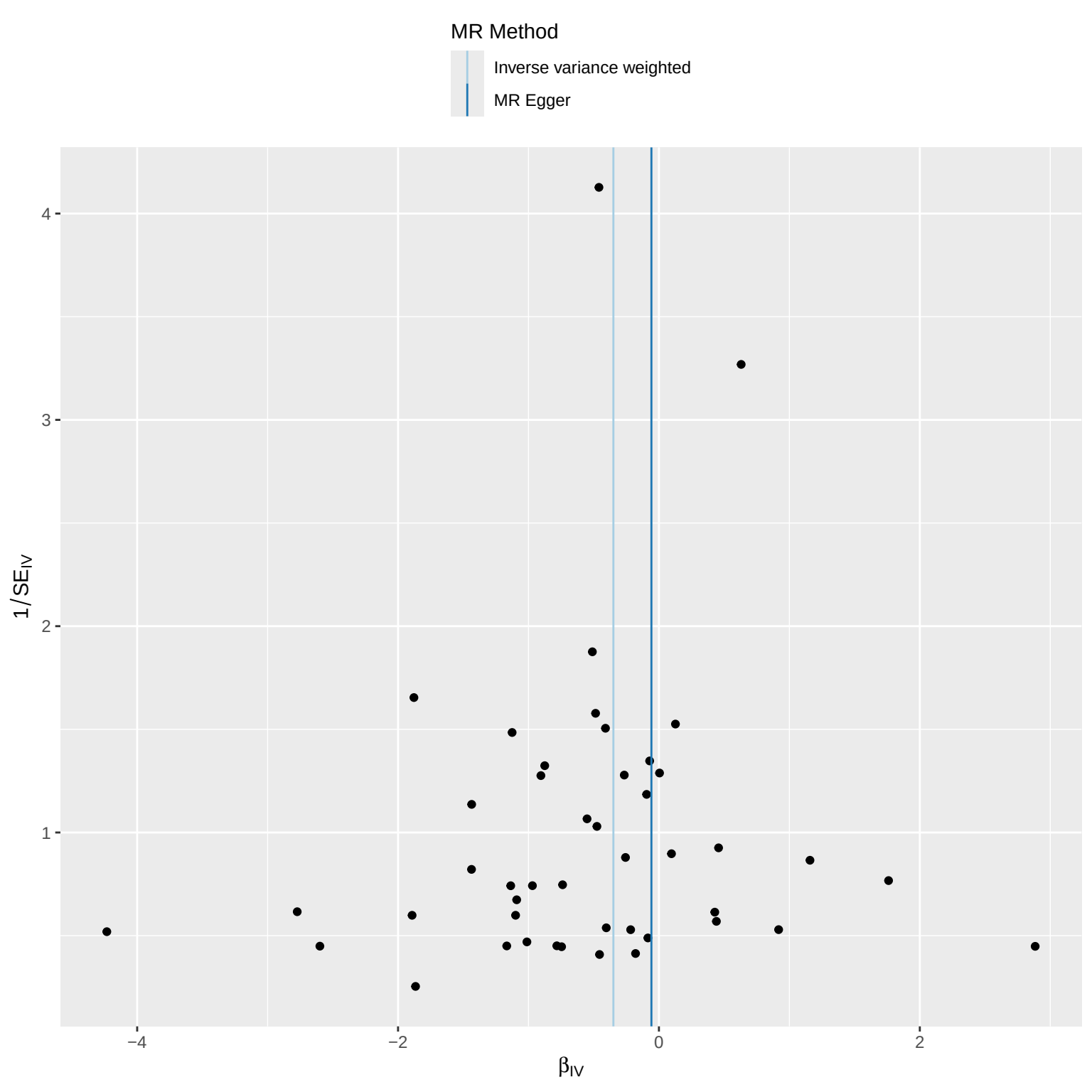

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

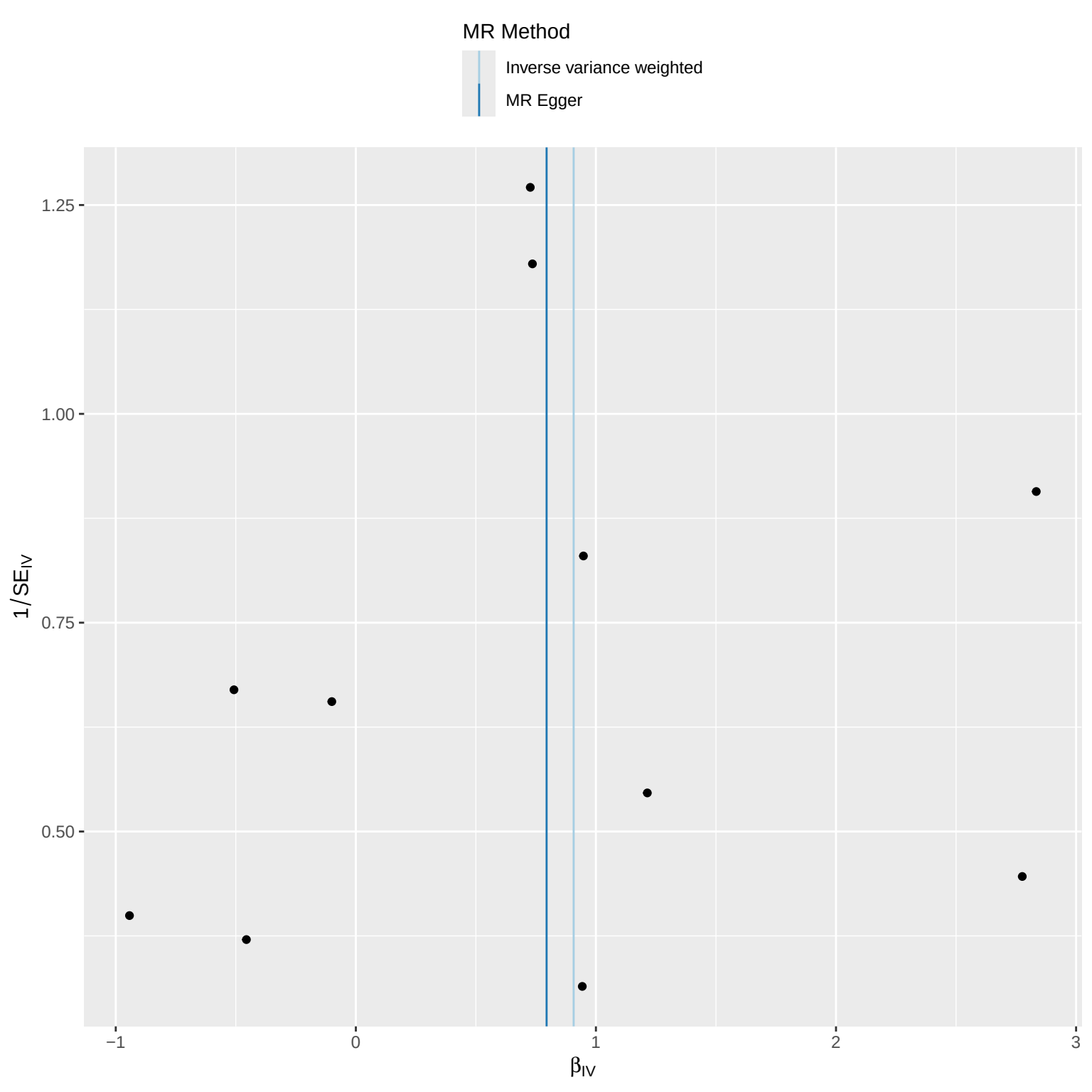

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
0
1
2
3
4
5
−6
−4
−2
0
2
4

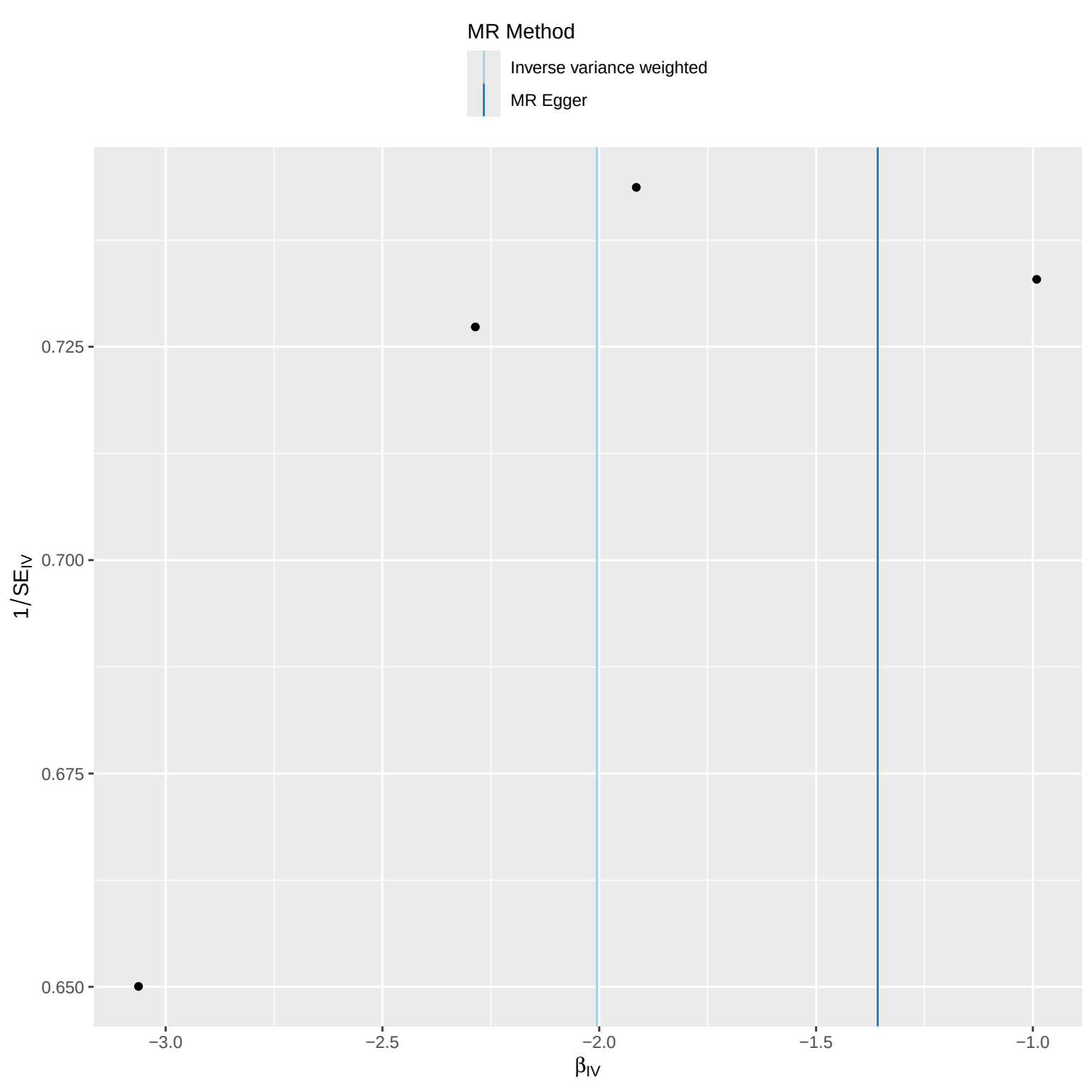

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−3
−2
−1
0
1
β_{IV}

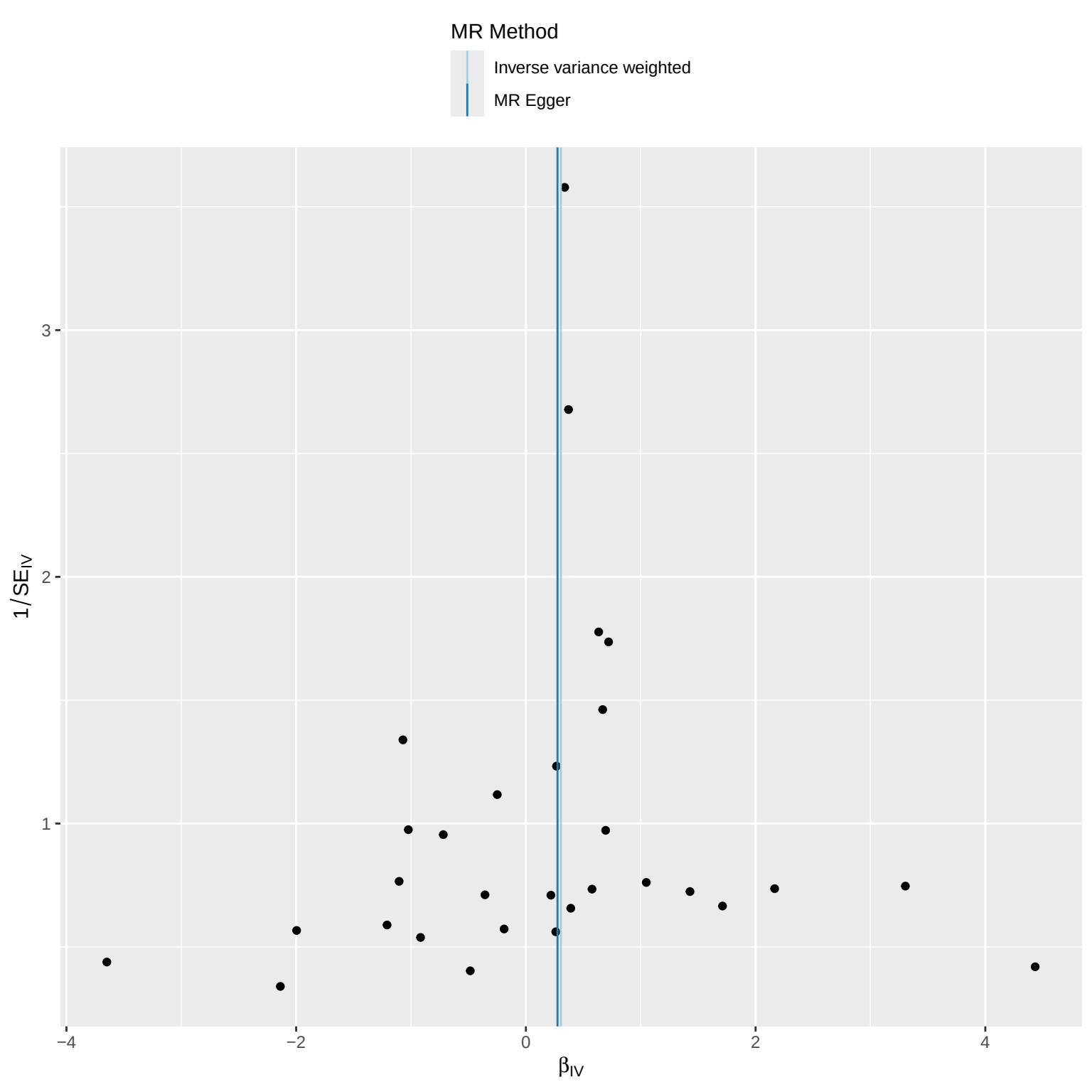

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
β_IV

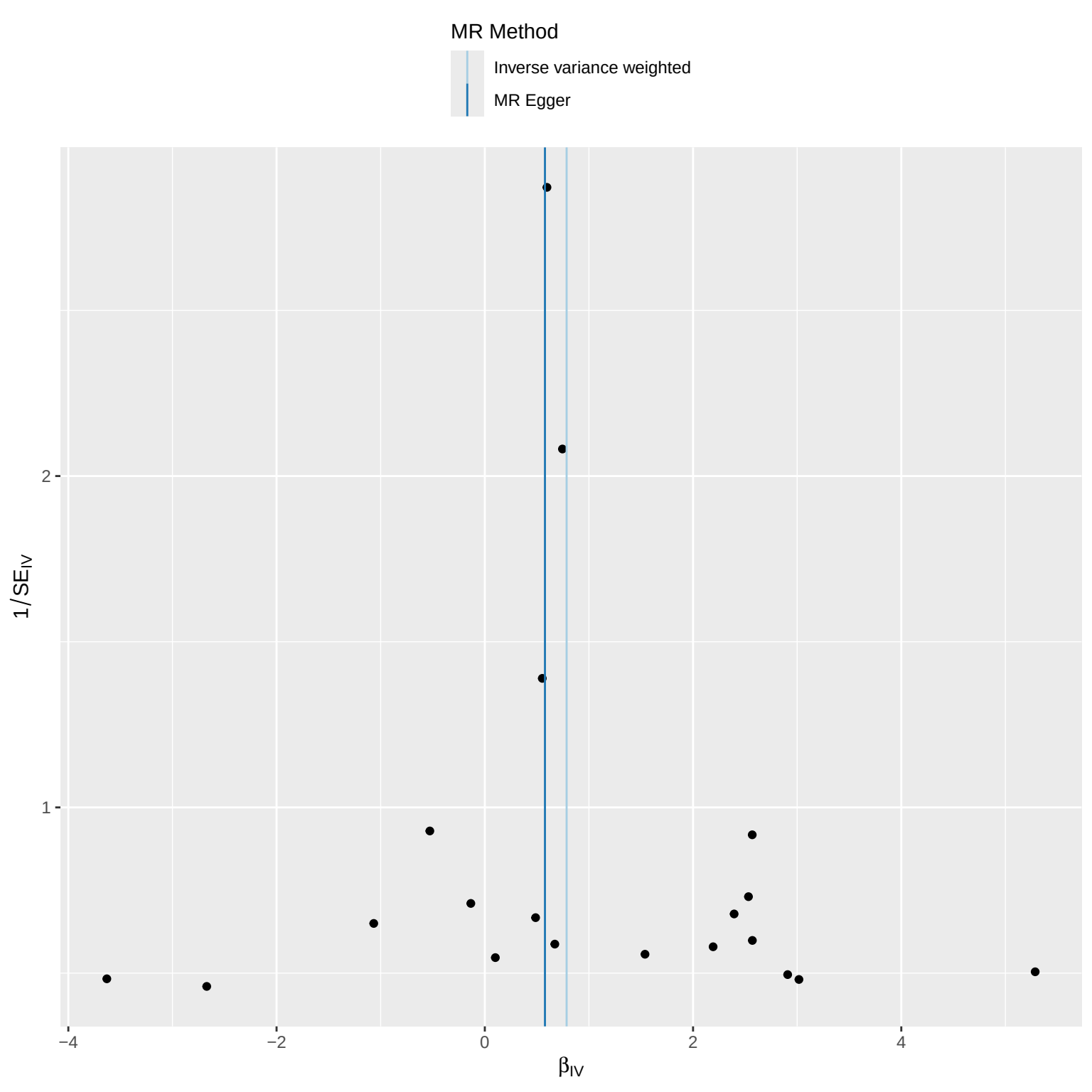

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0
2
4
6
β_IV

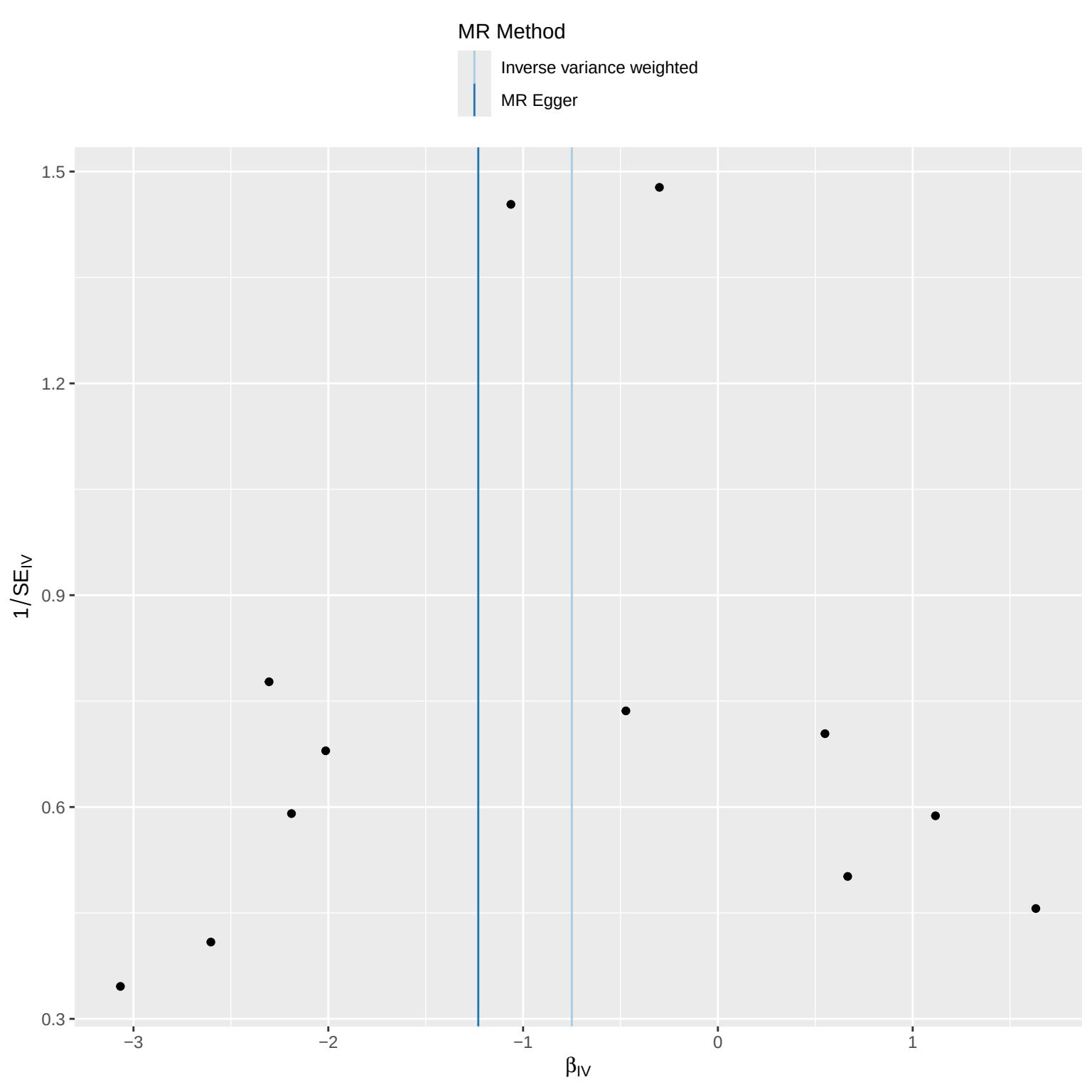

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

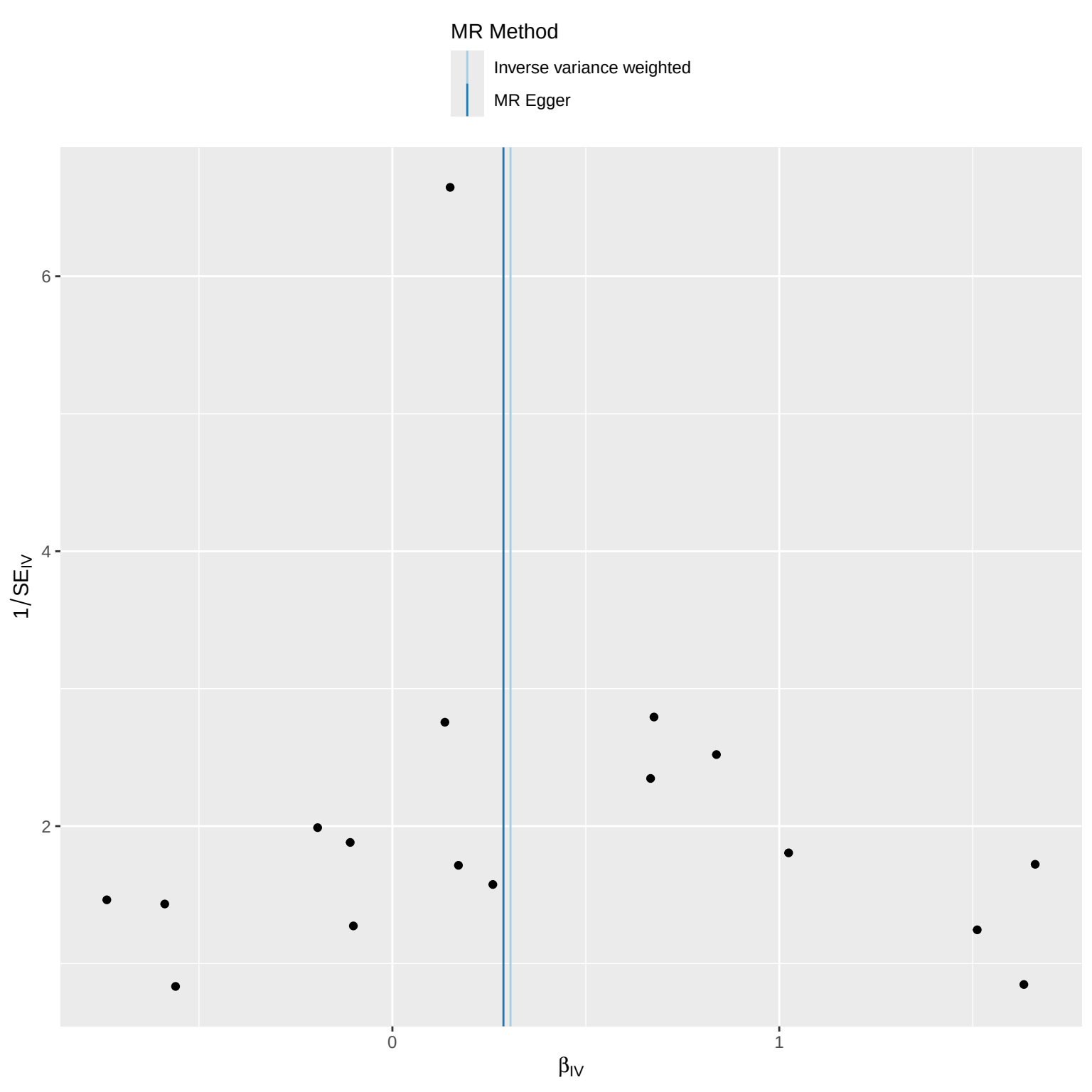

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

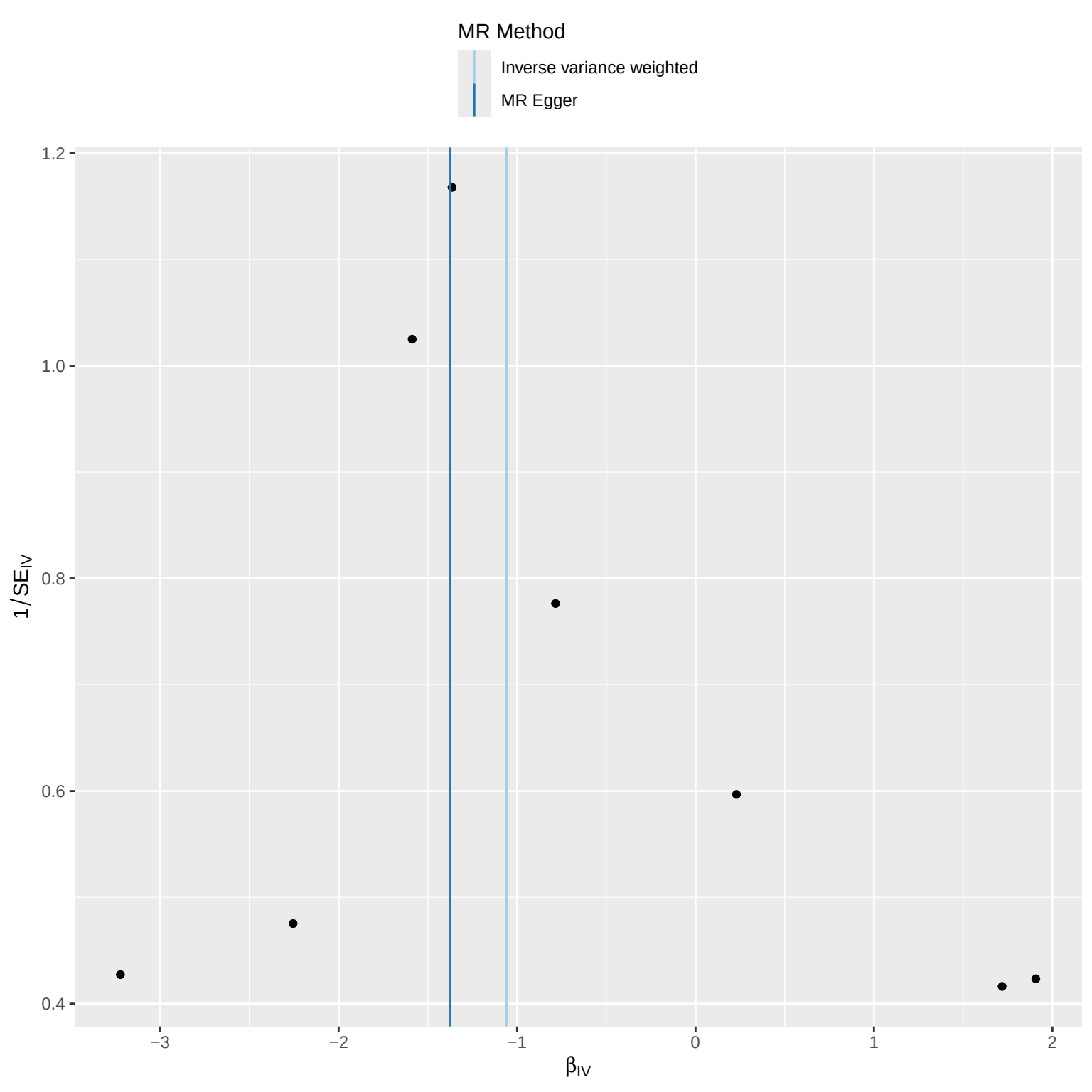

MR Method
Inverse variance weighted
MR Egger
0.725
0.700
0.675
0.650
1/SE_IV
−3.0
−2.5
−2.0
−1.5
−1.0
β_IV

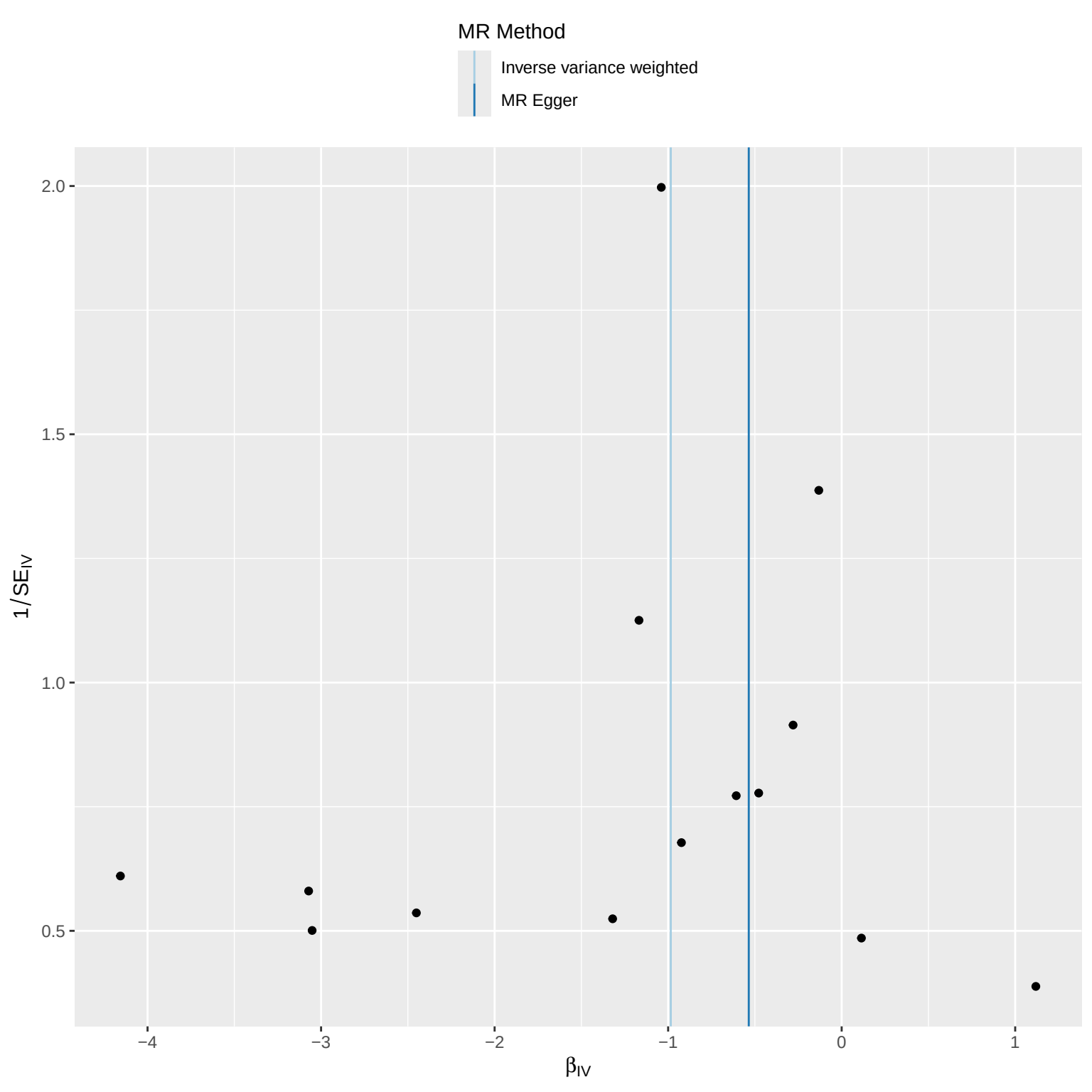

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

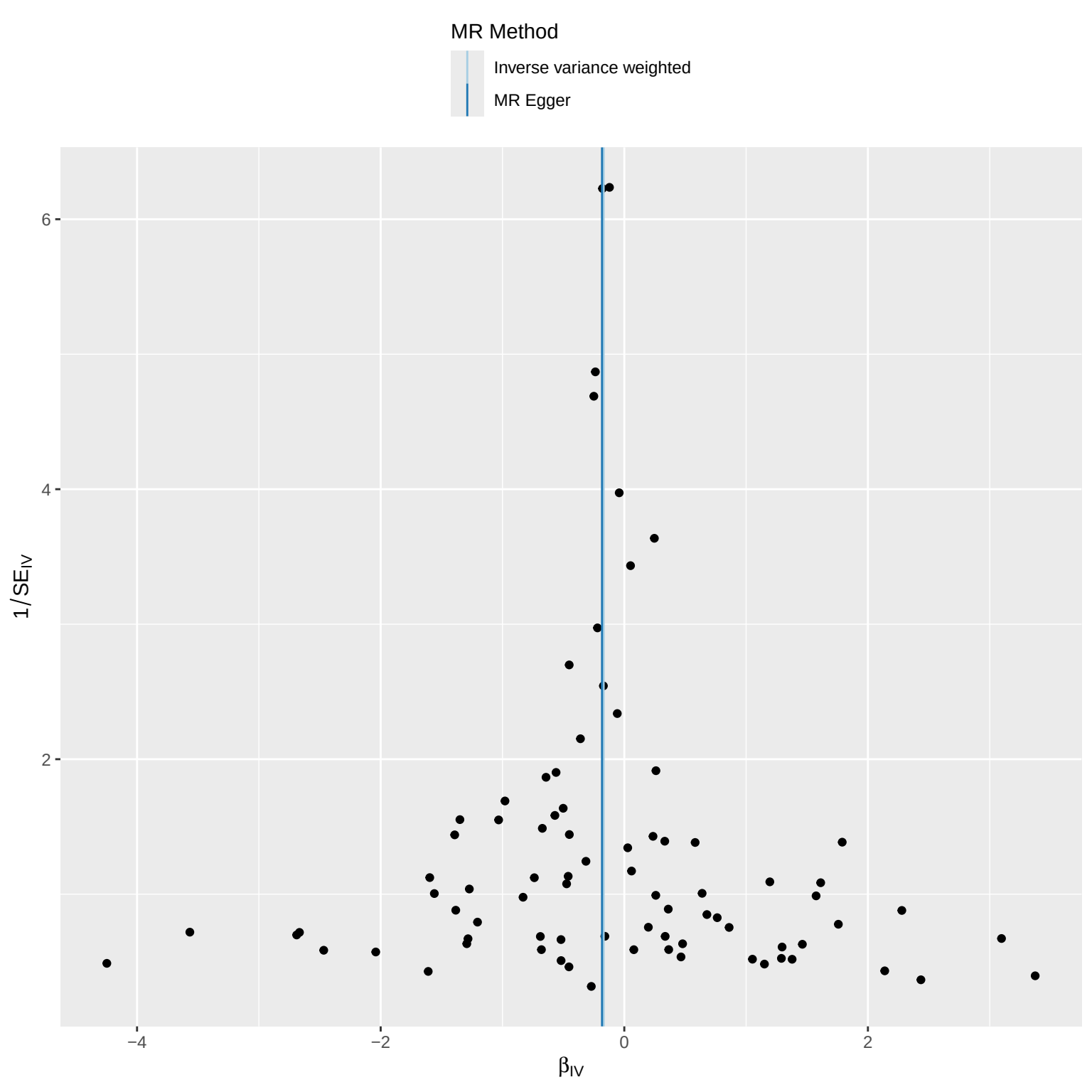

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

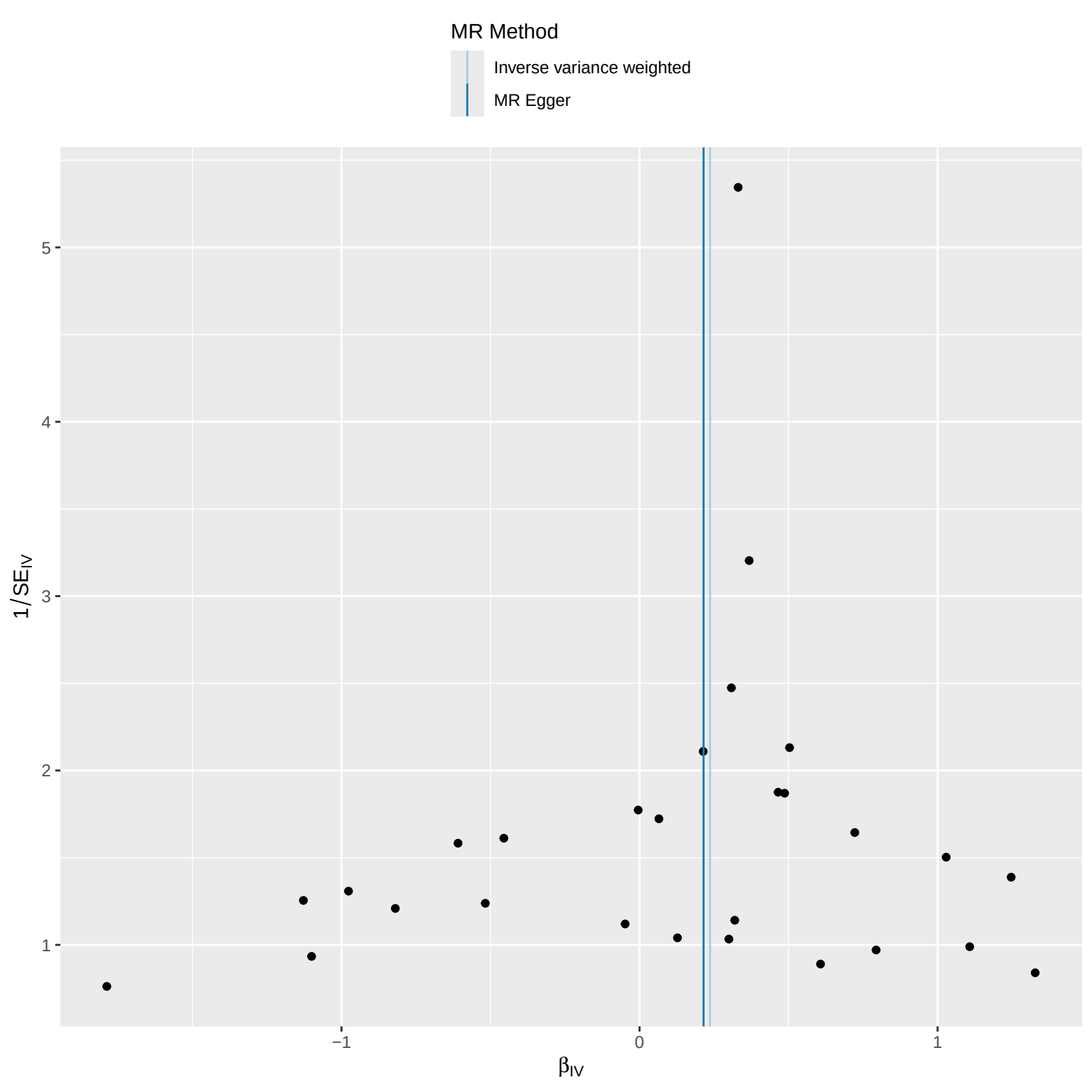

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−3
−2
−1
0
1
β_IV

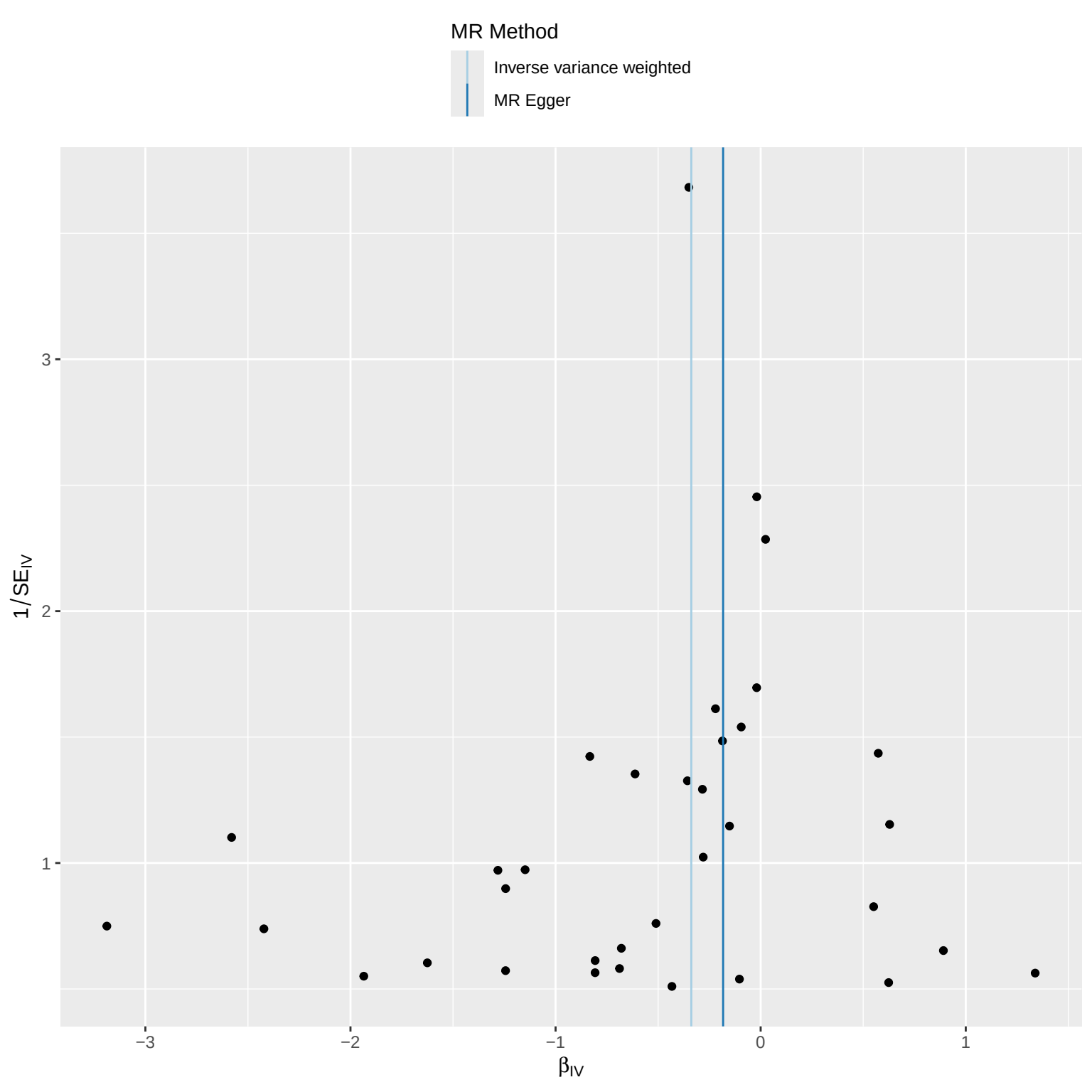

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
β_IV

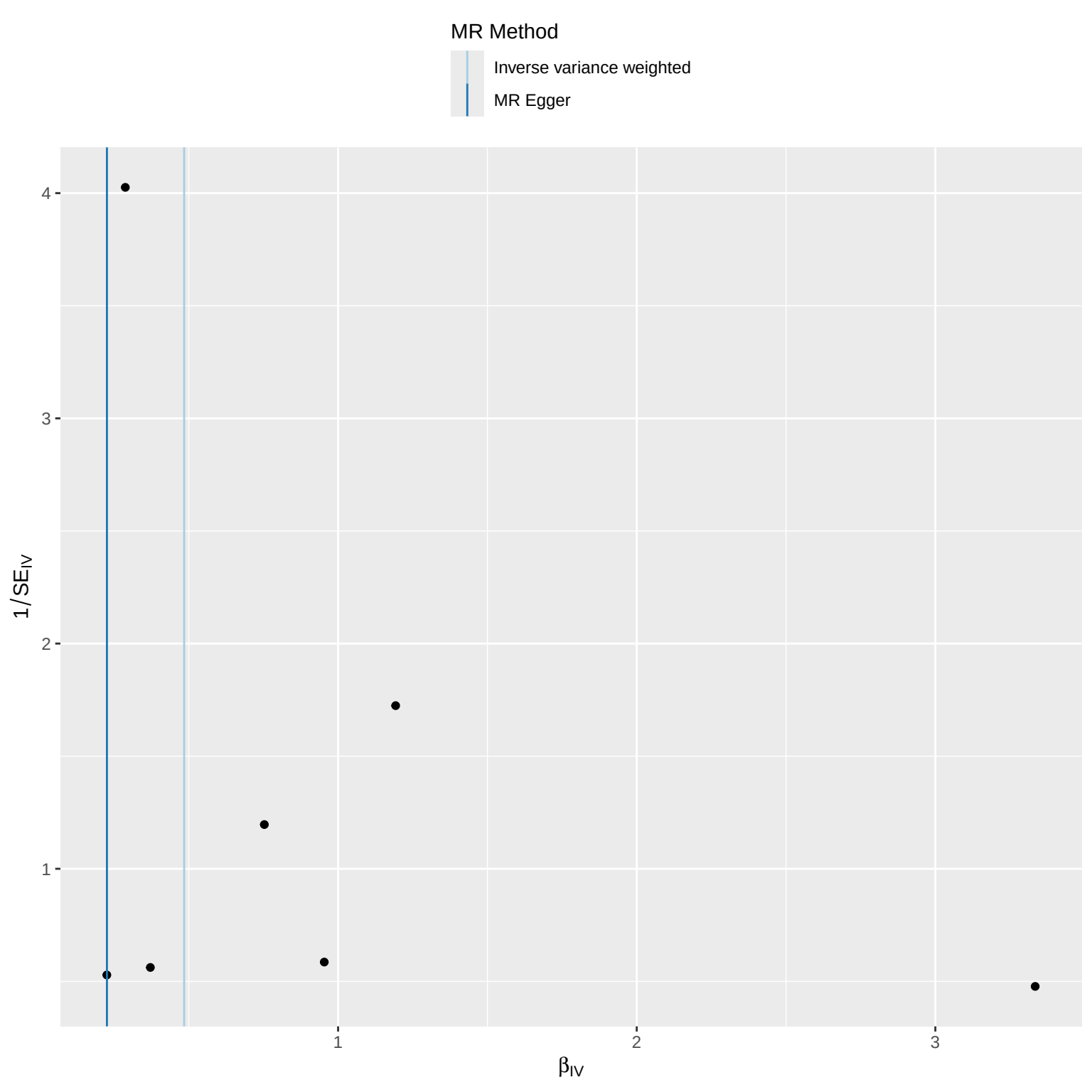

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
2
β_IV

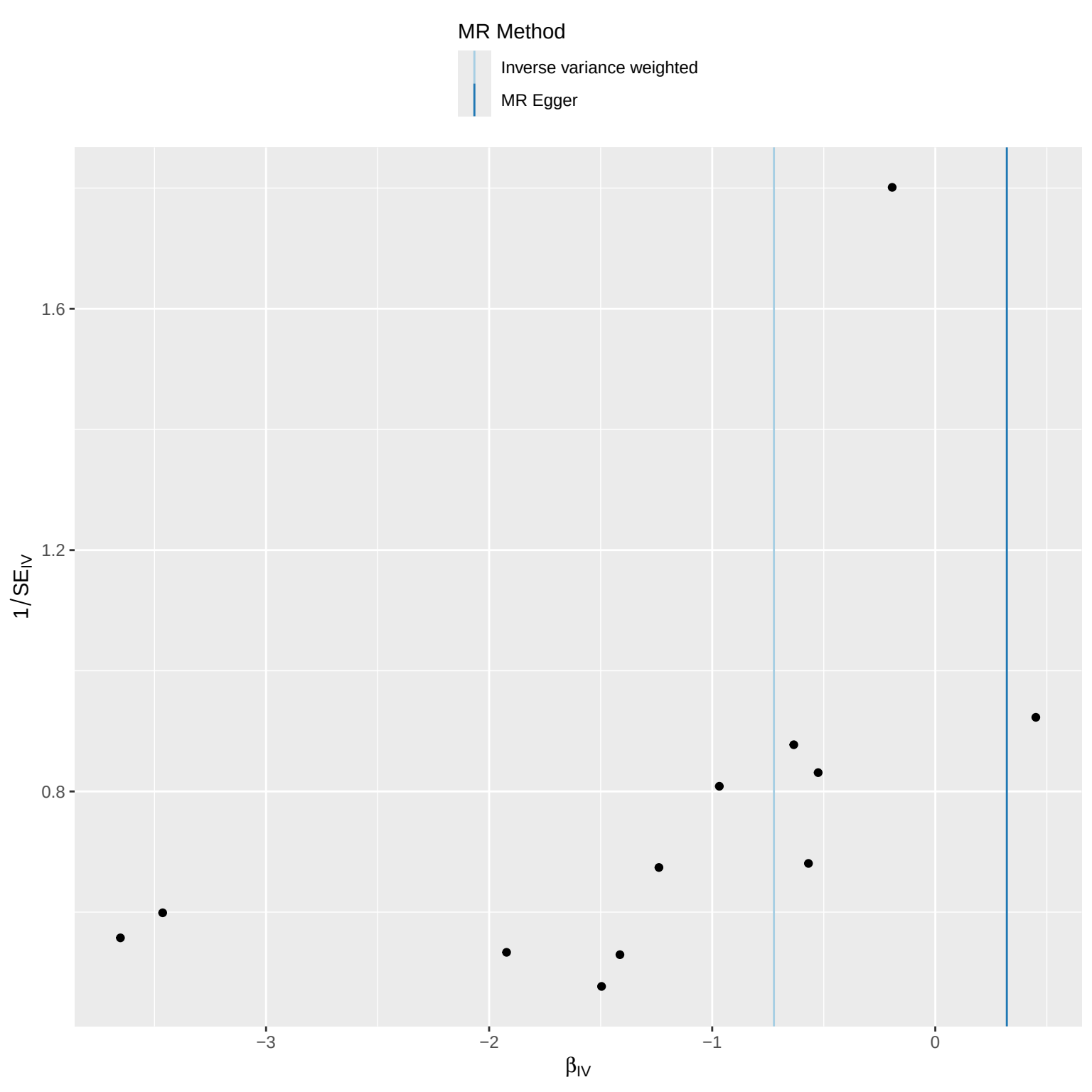

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

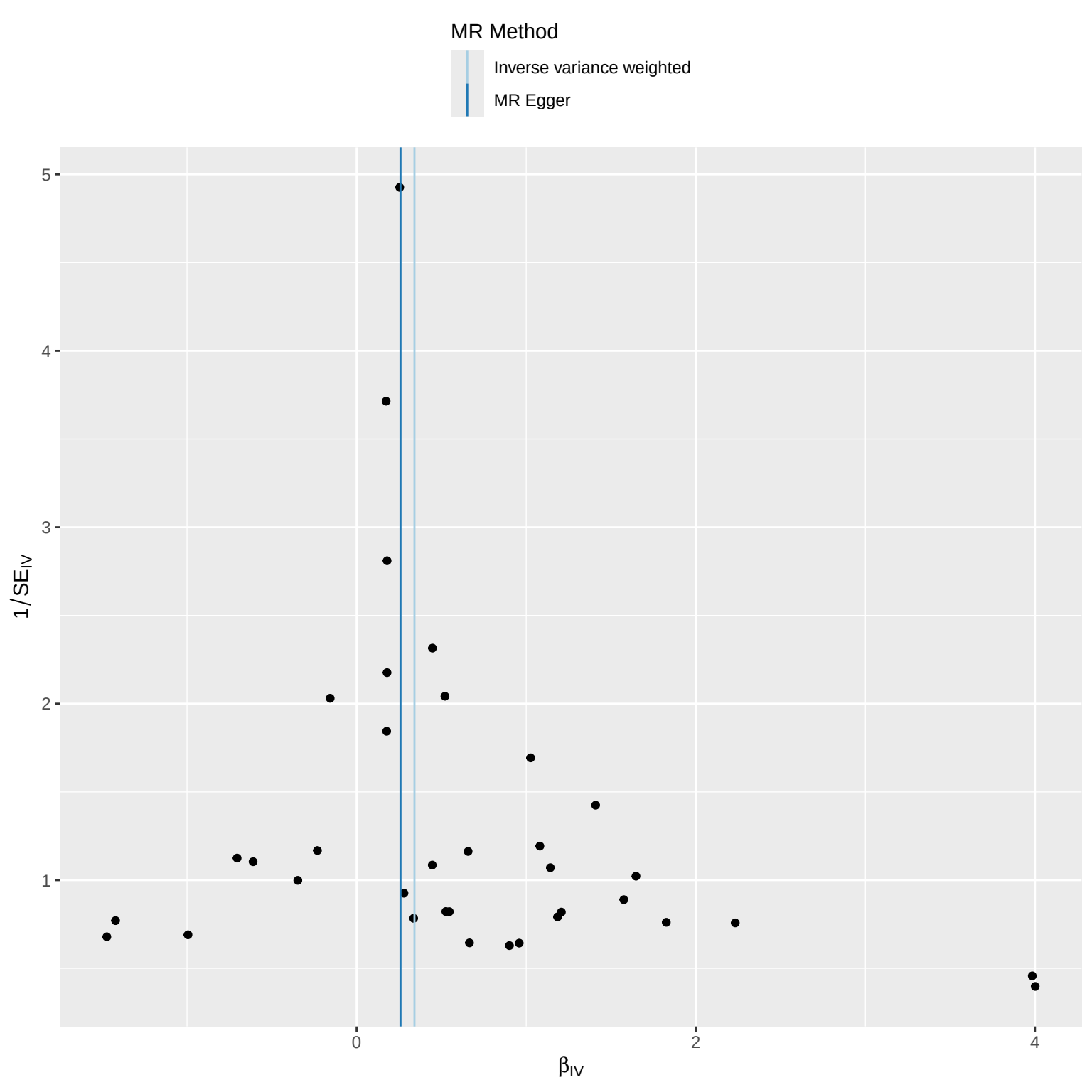

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

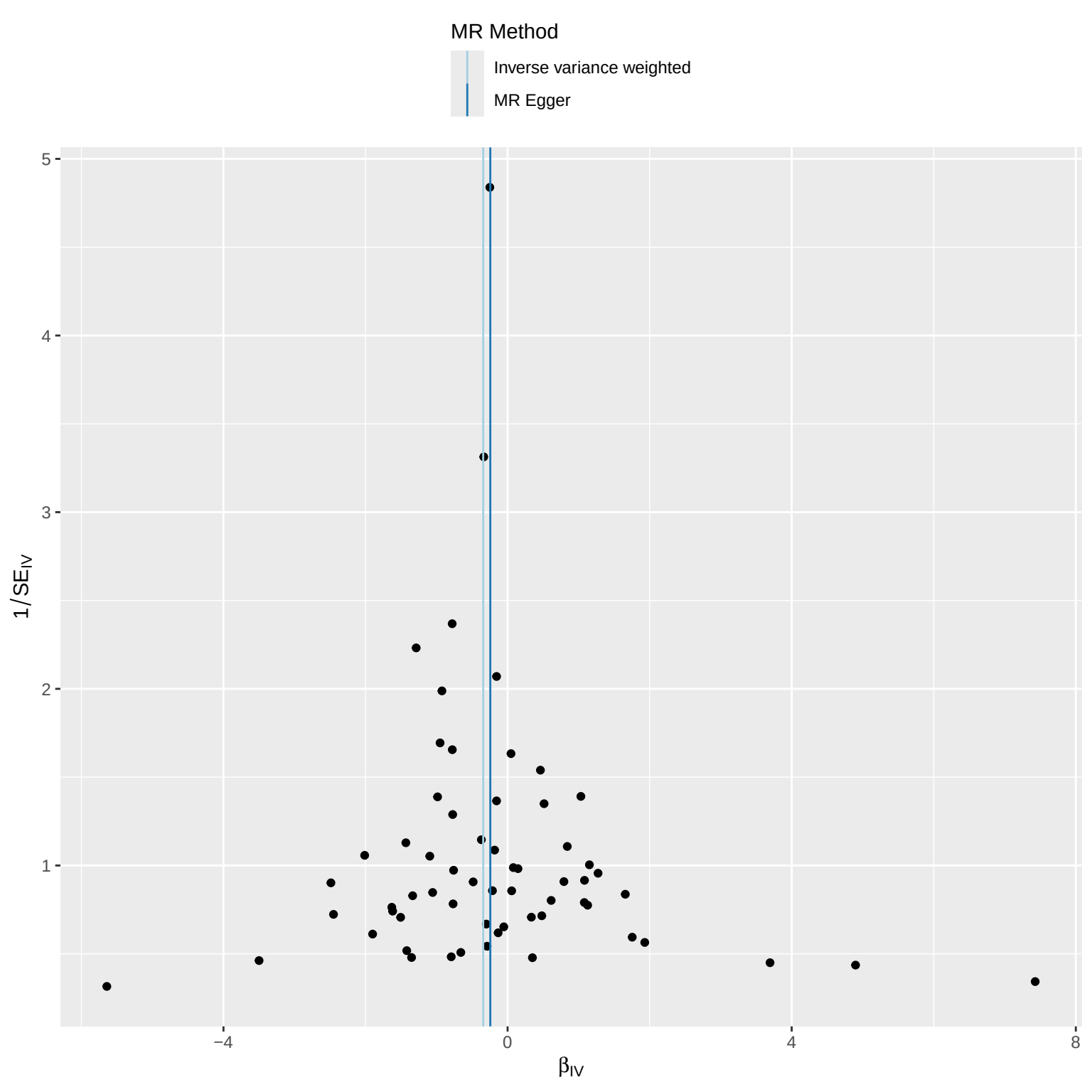

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

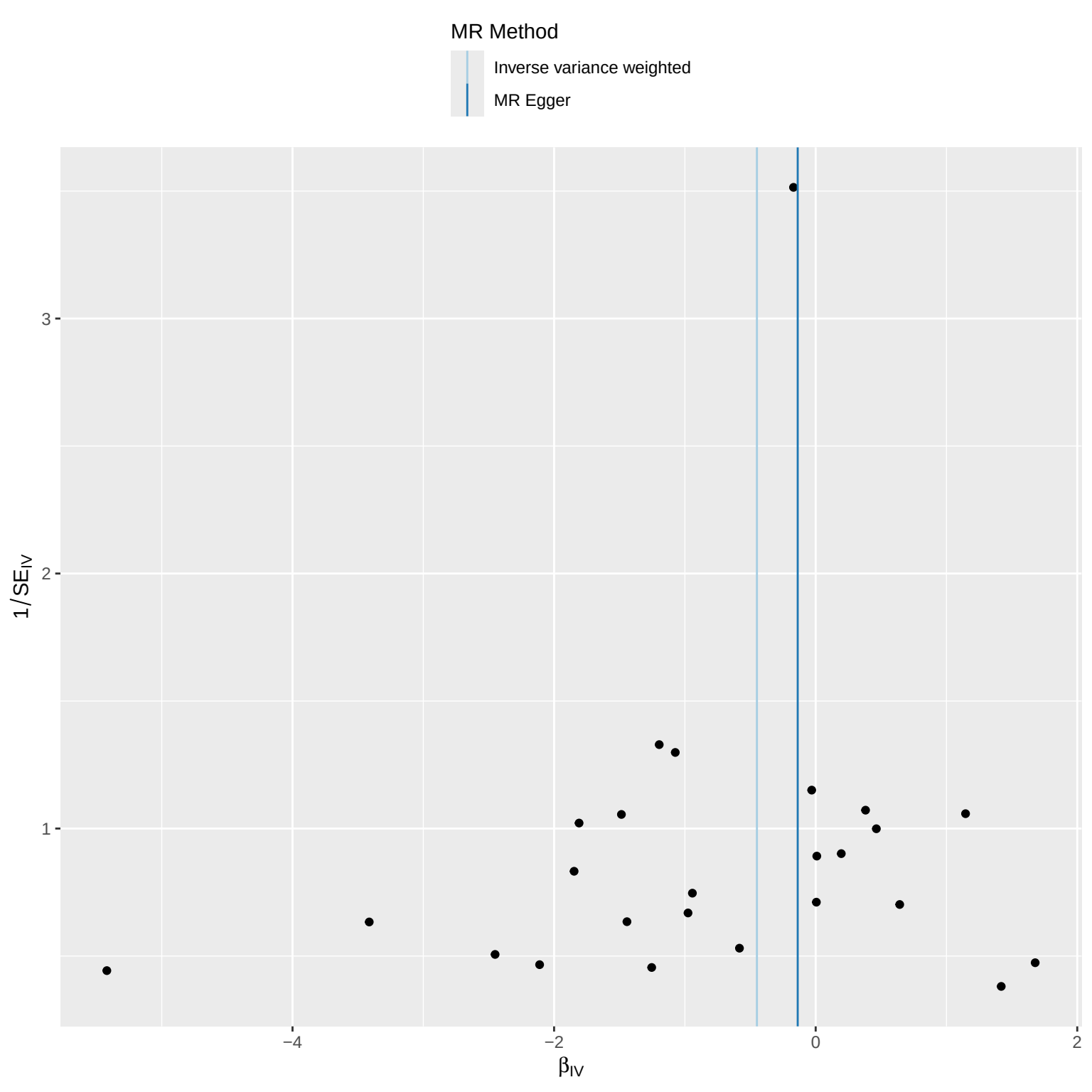

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−3
−2
−1
0
1
β_IV

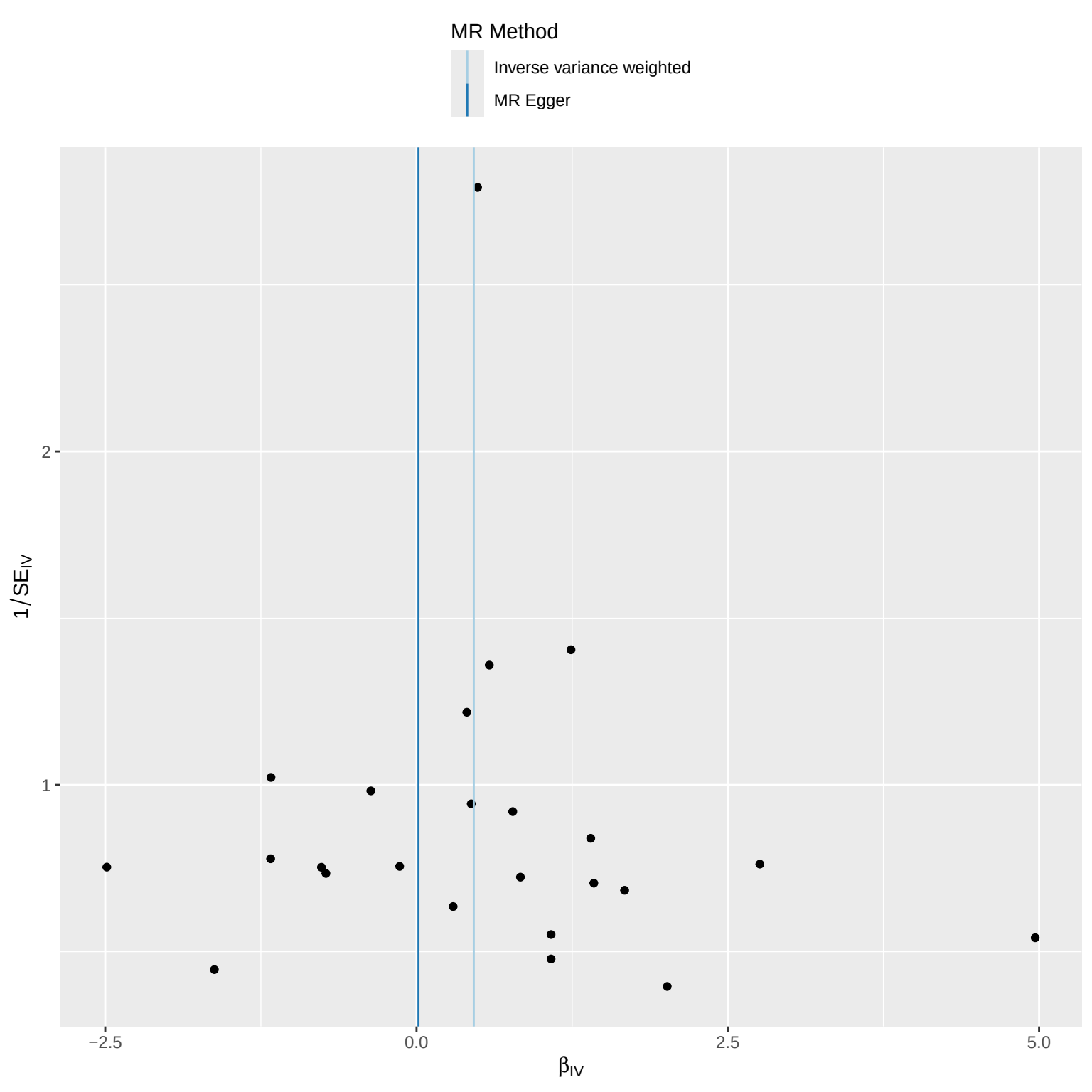

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
1
2
3
β_IV

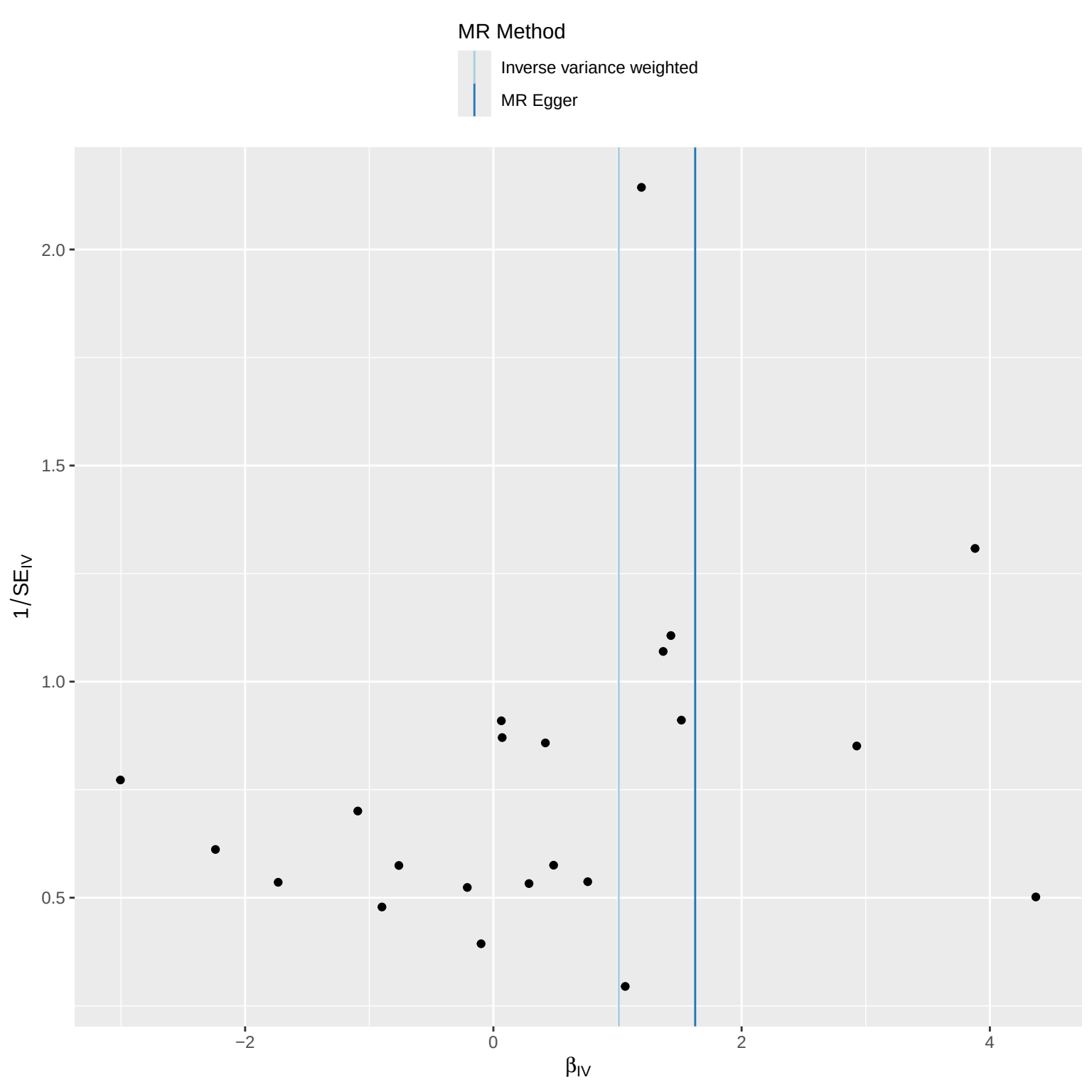

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−3
−2
−1
0
β_IV

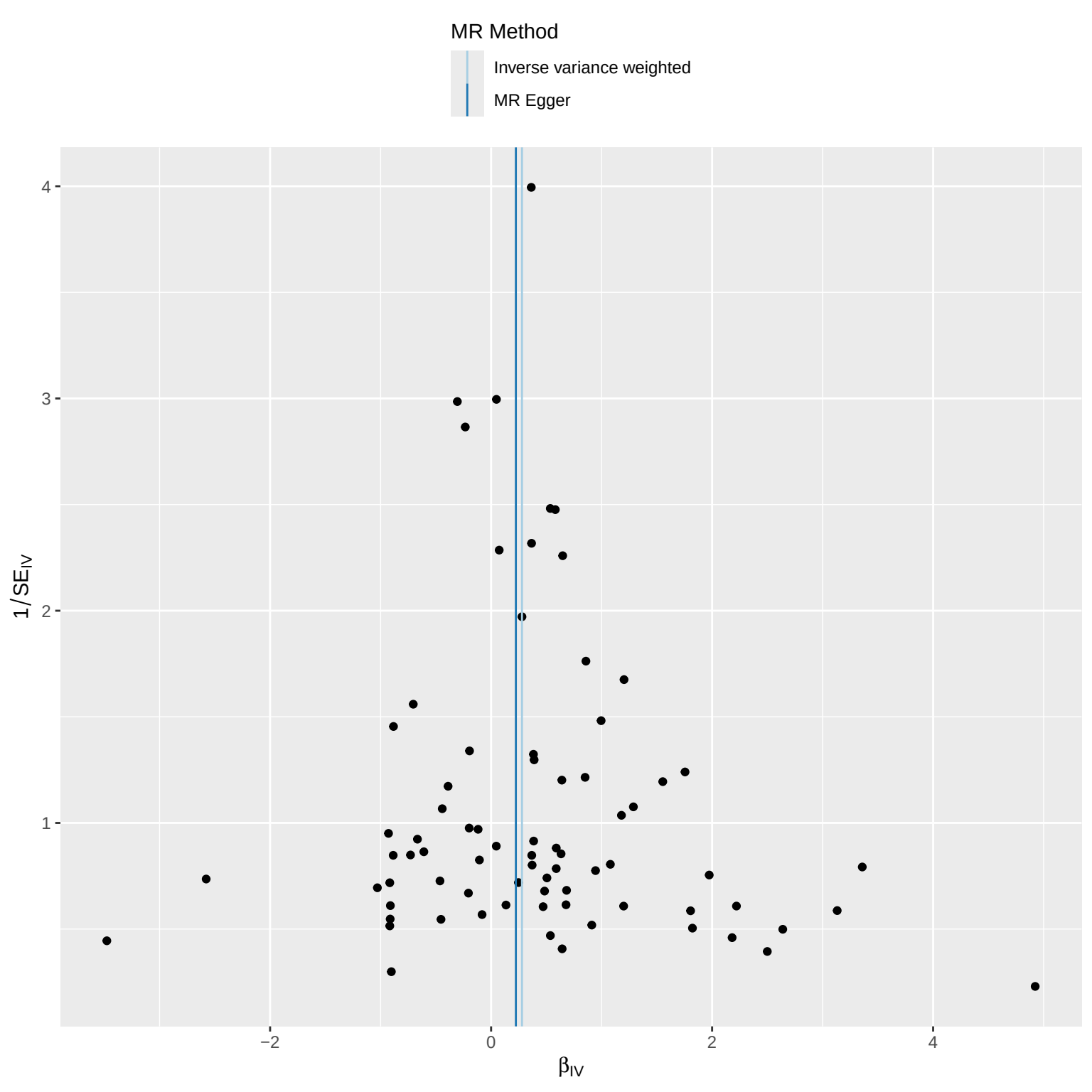

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
2
4
β_IV

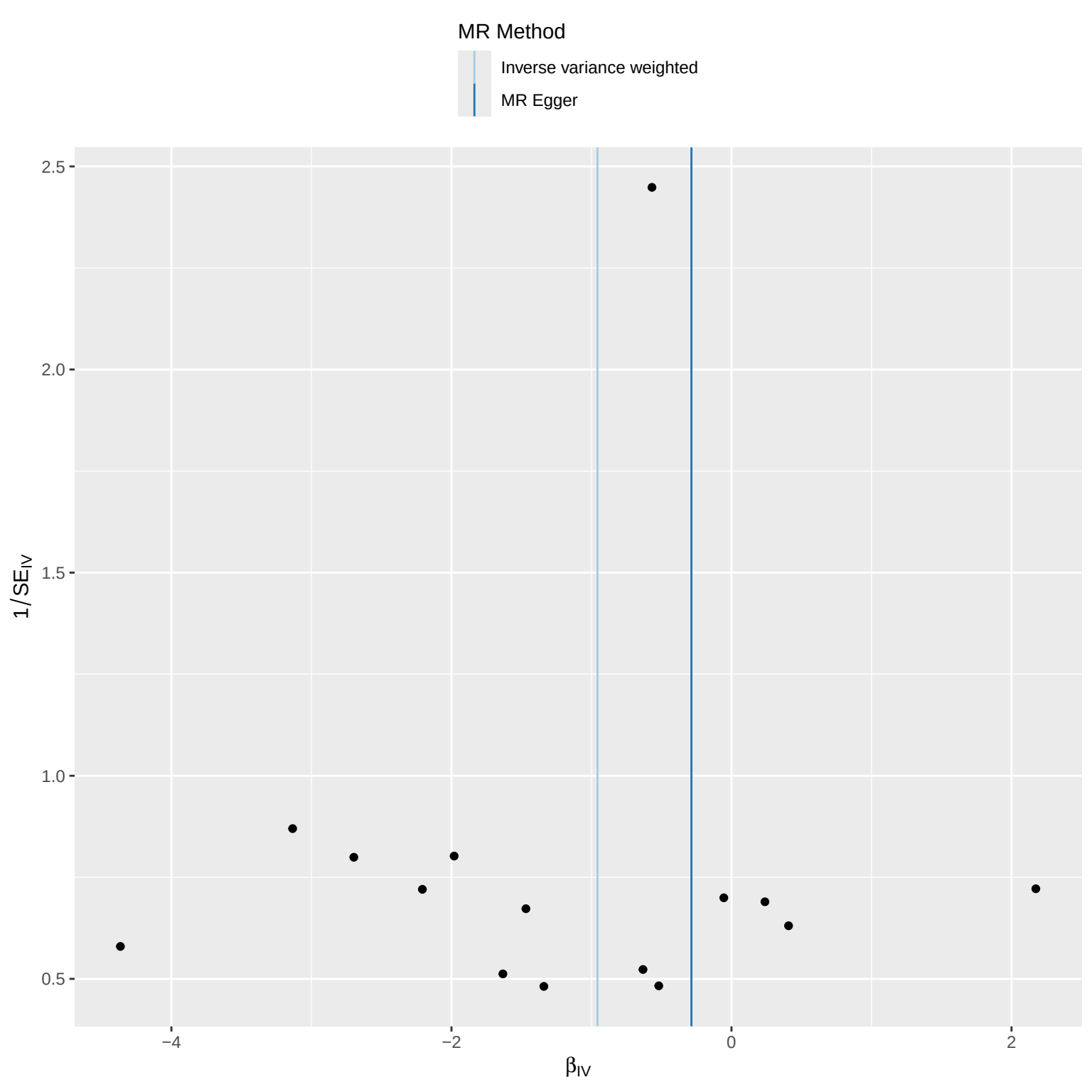

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
0
4
8
β_IV

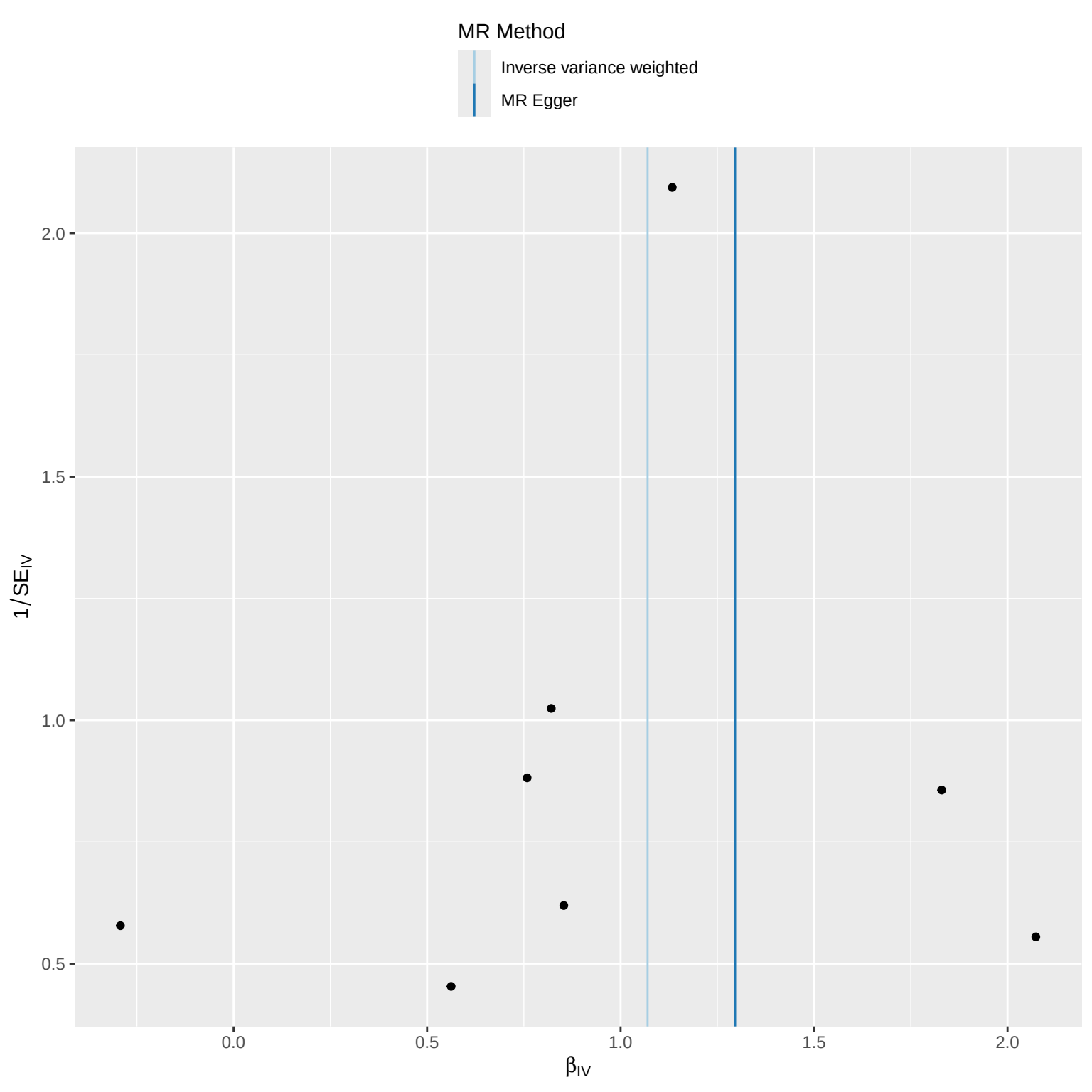

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

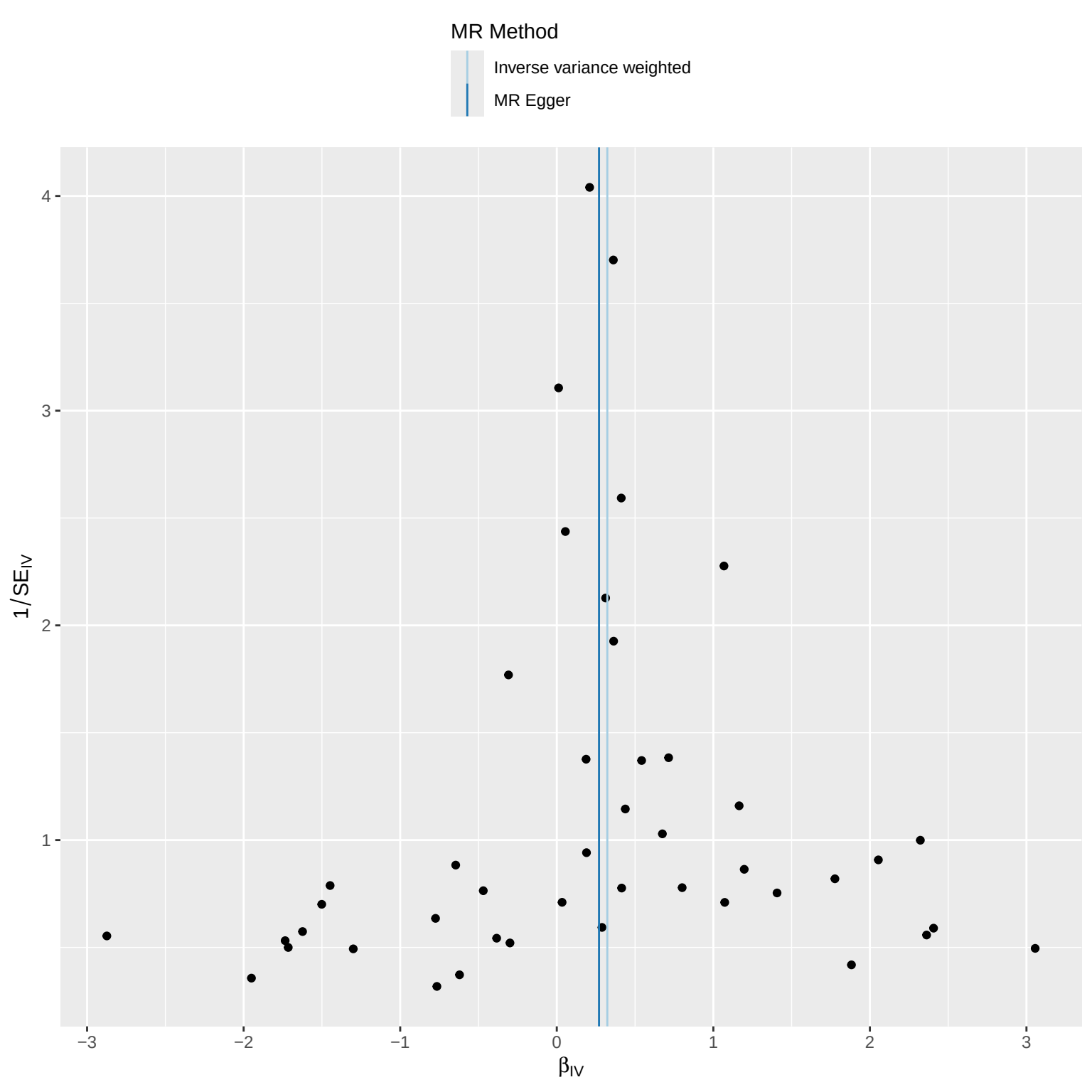

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

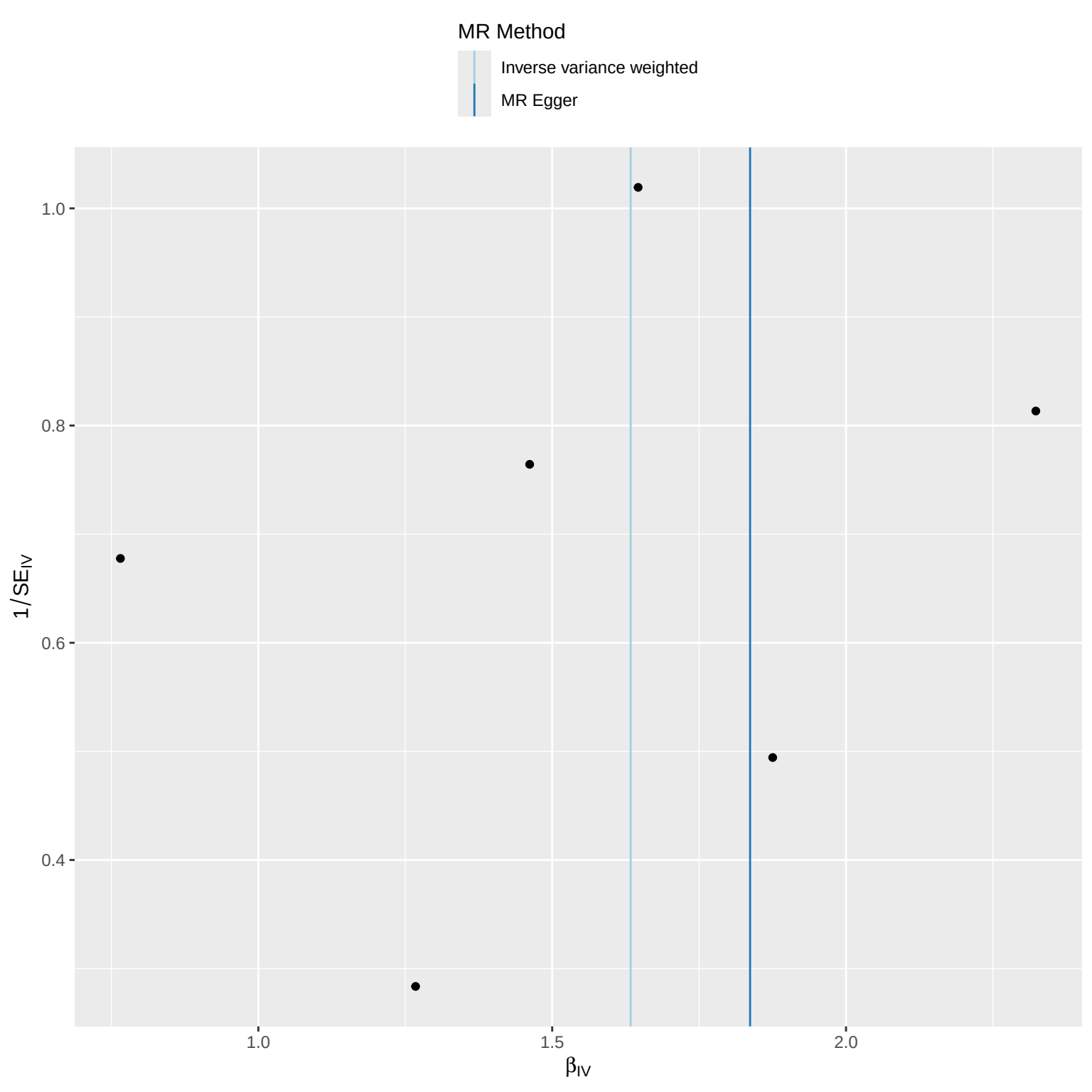

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

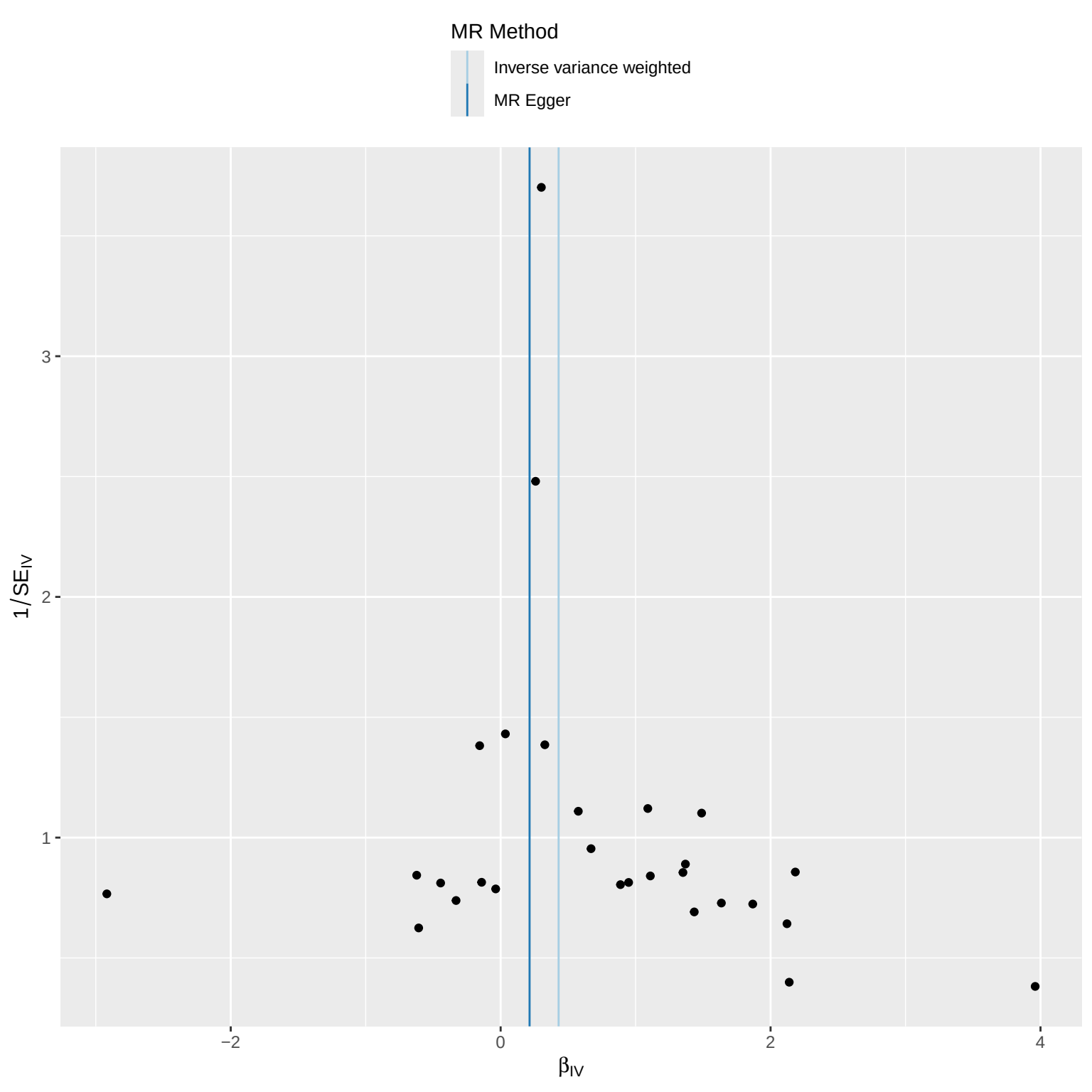

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

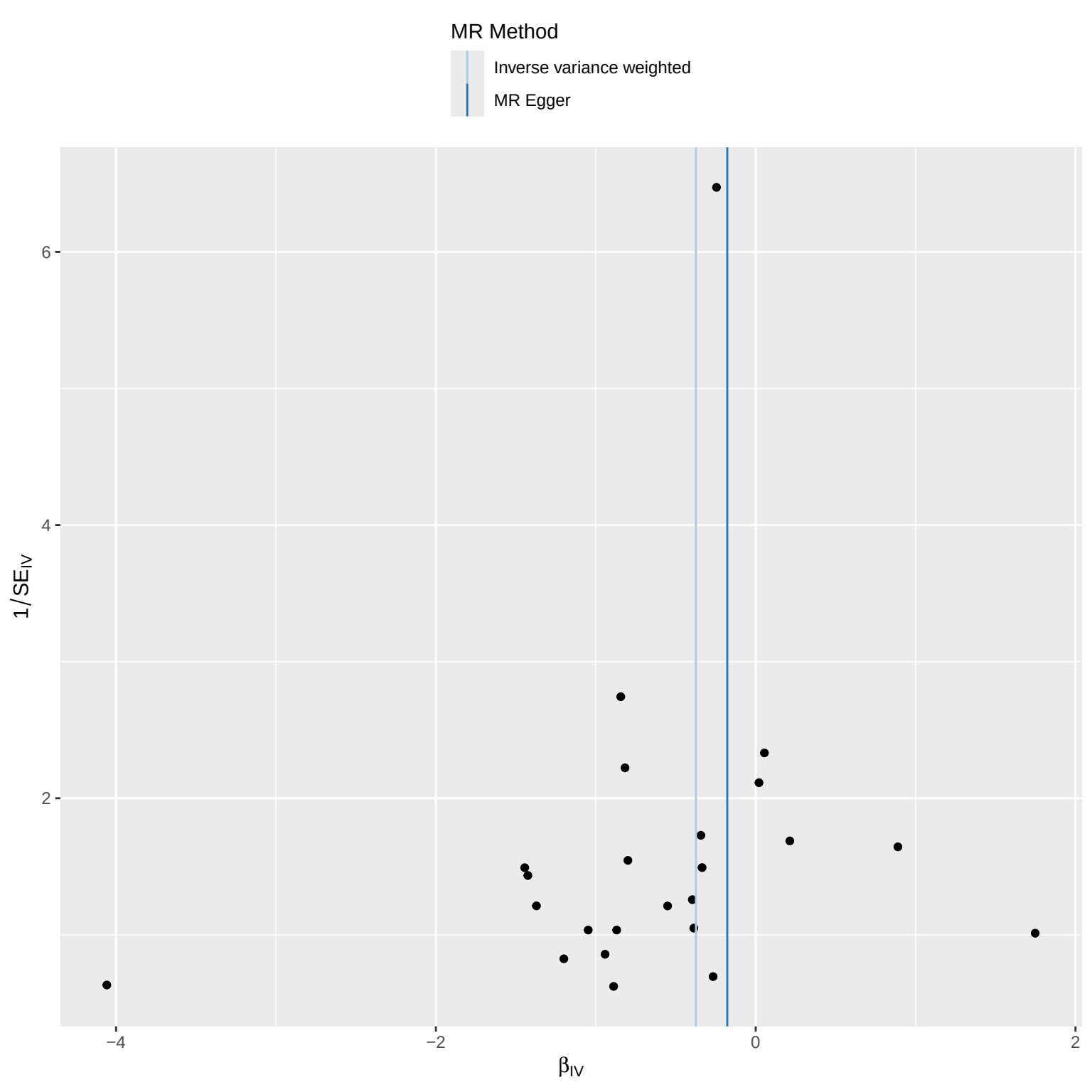

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

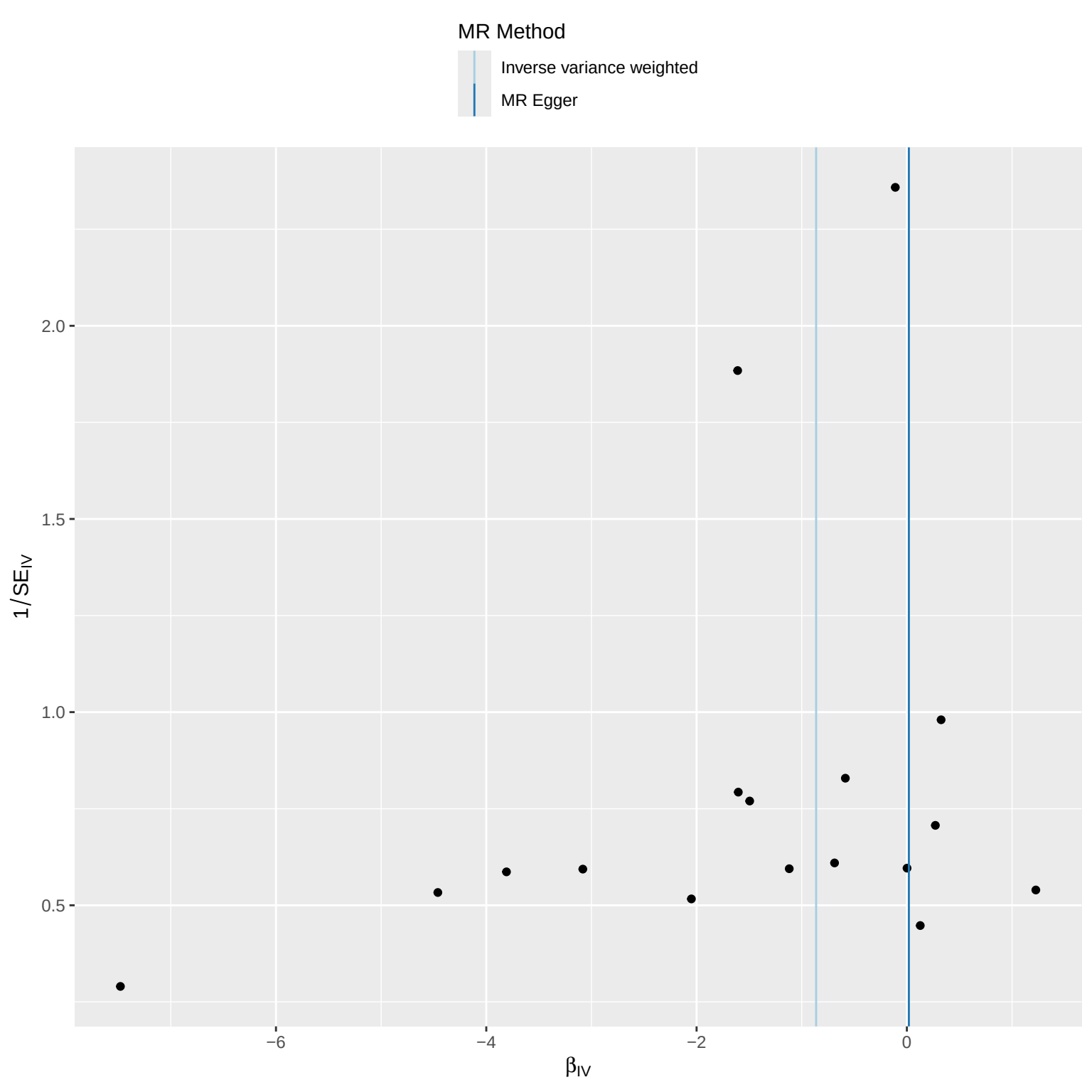

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

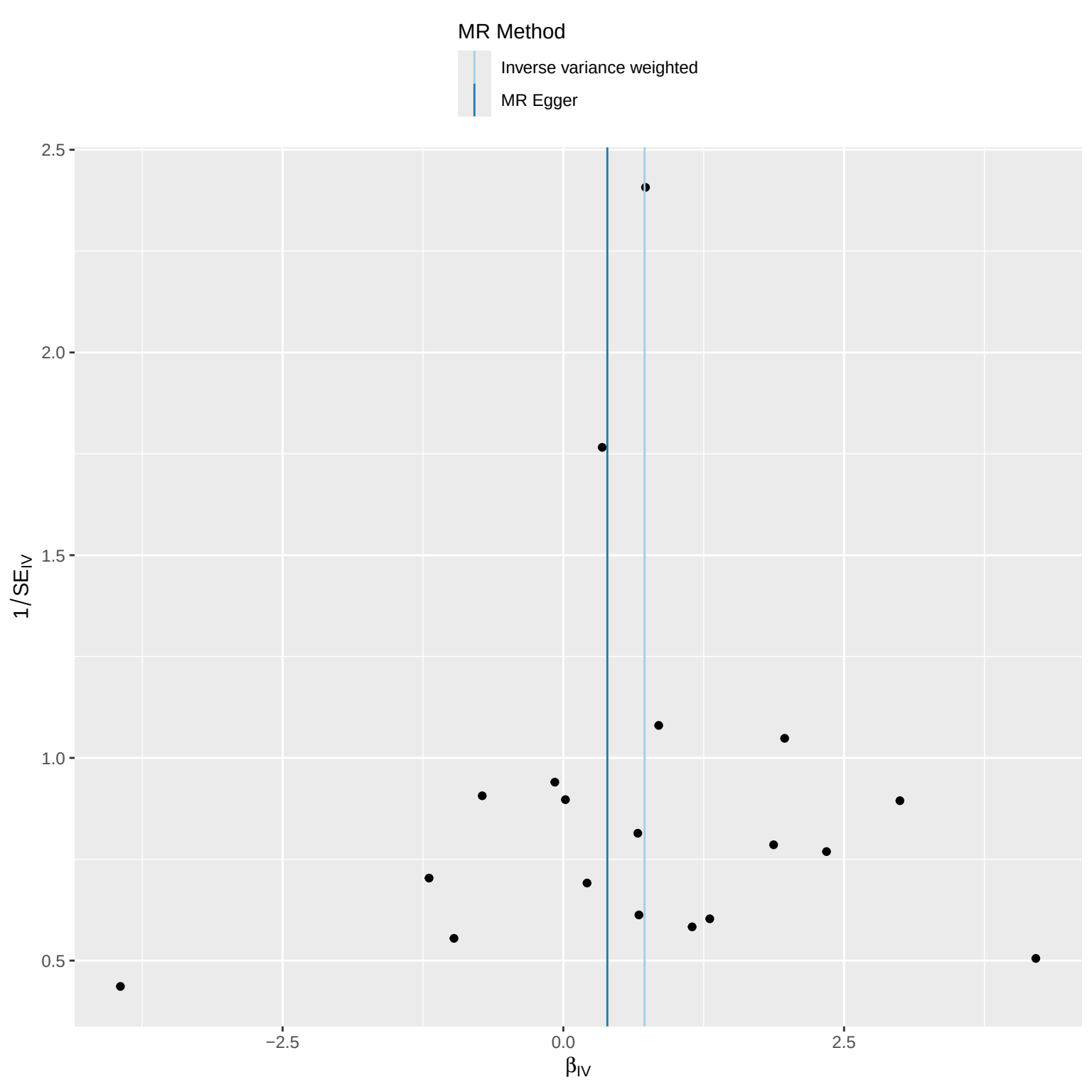

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

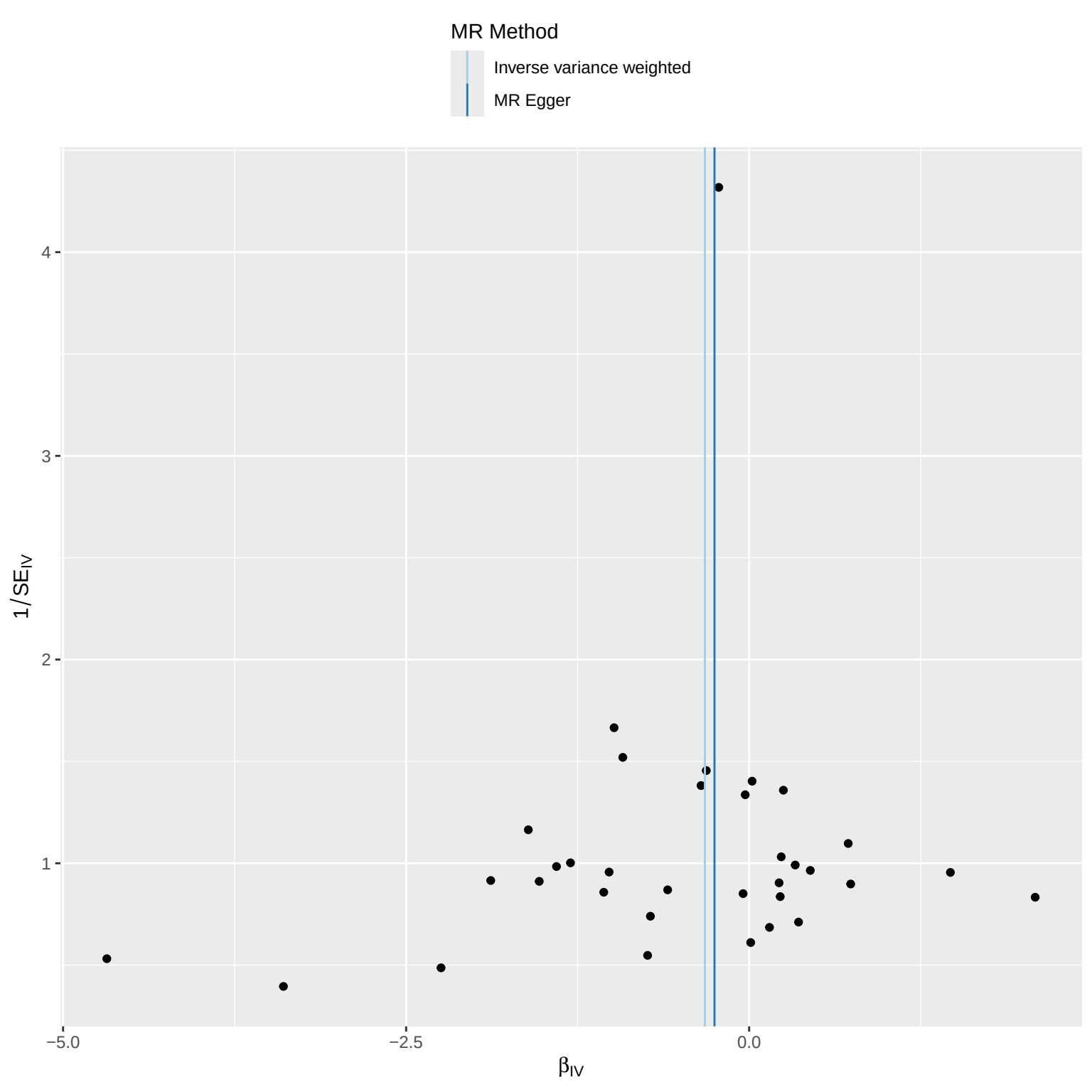

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
1.0
1.5
2.0
β_IV

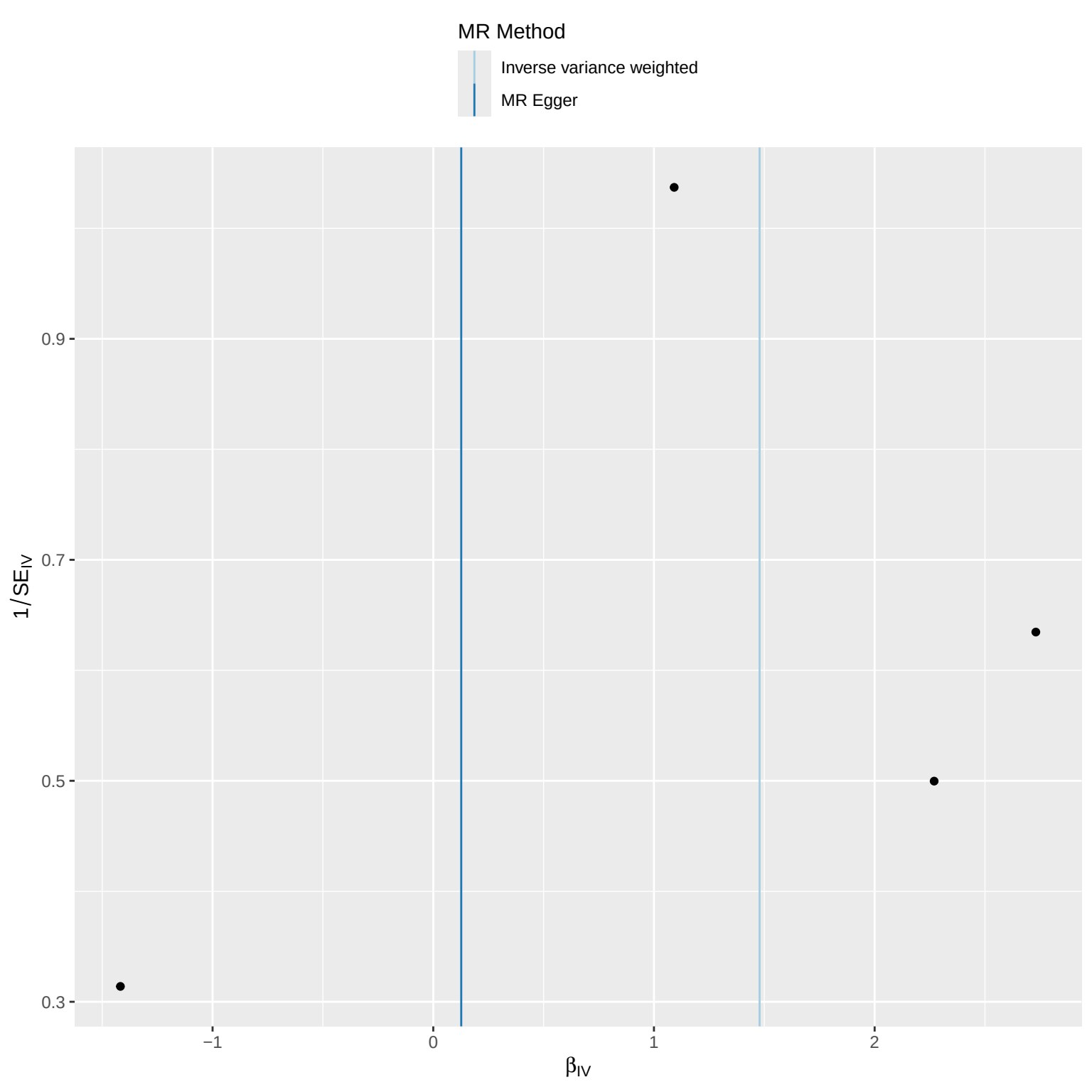

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

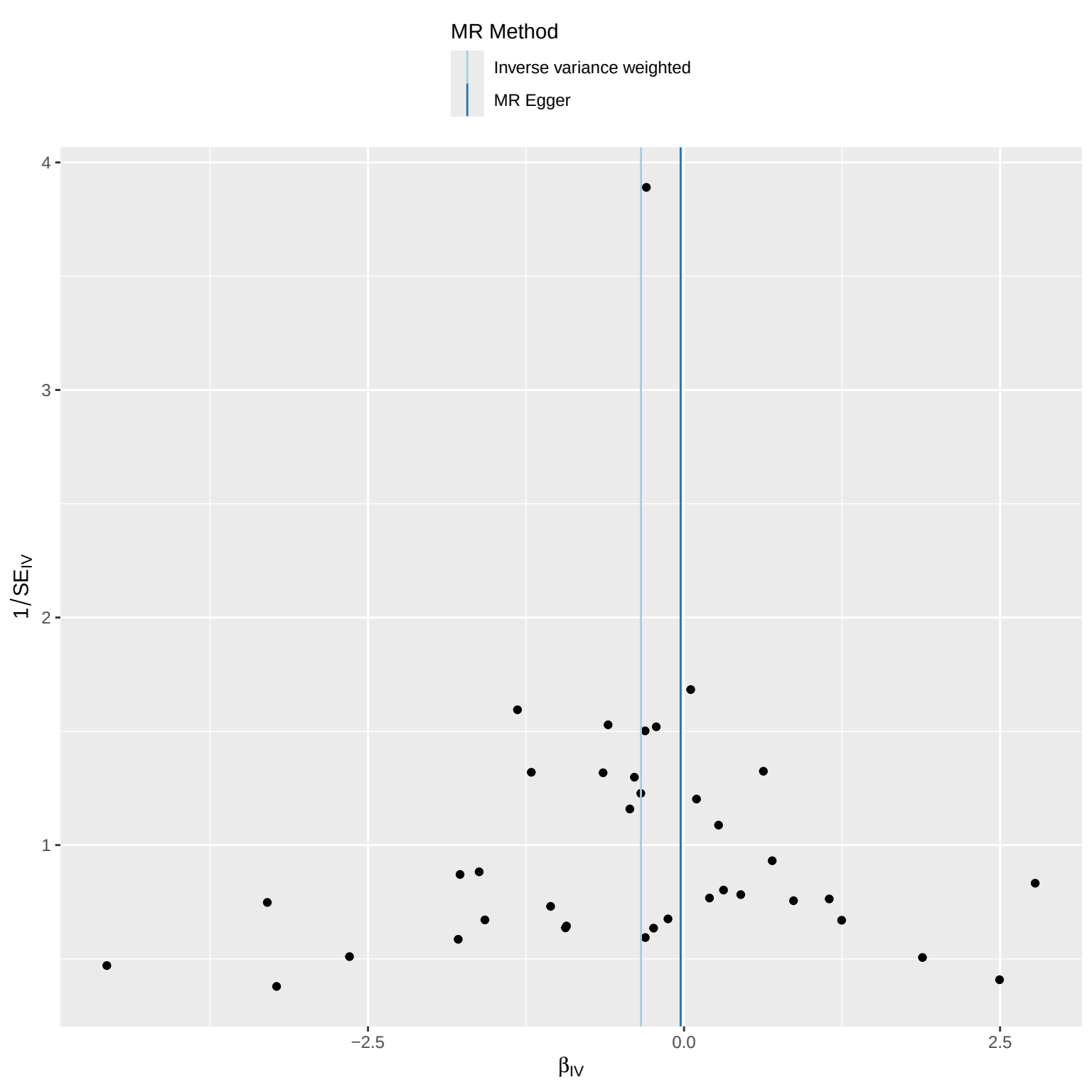

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

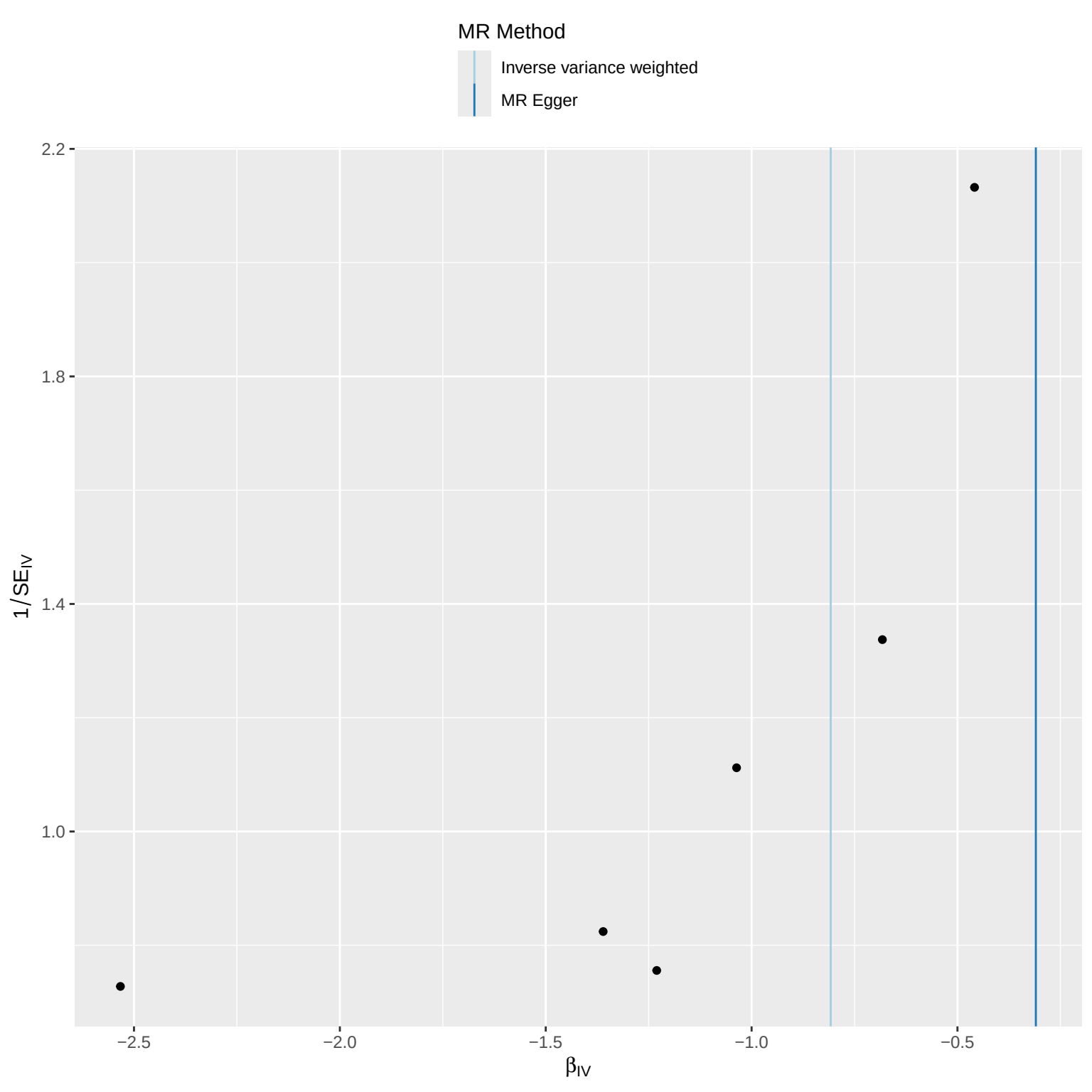

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
β_IV

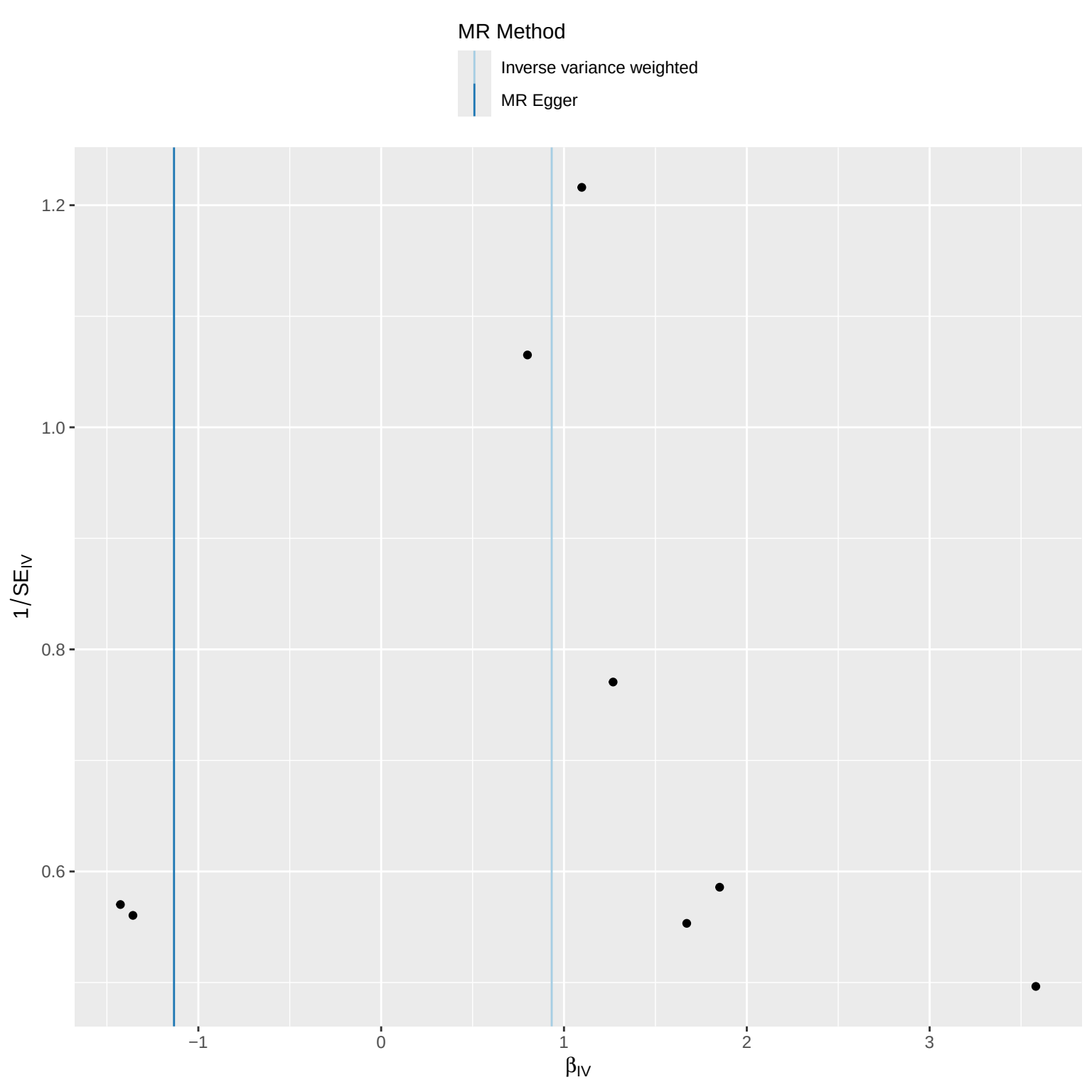

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

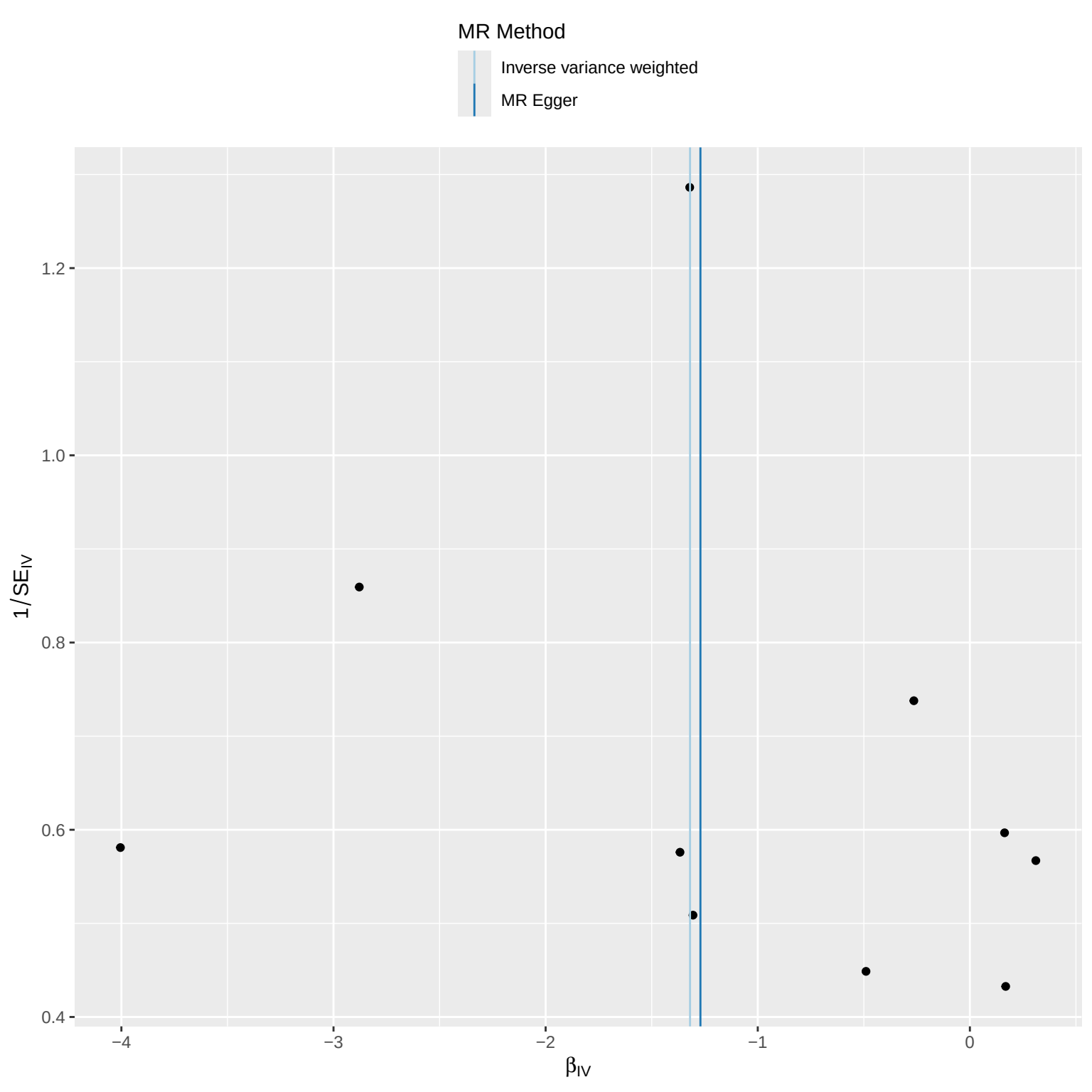

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
β_IV

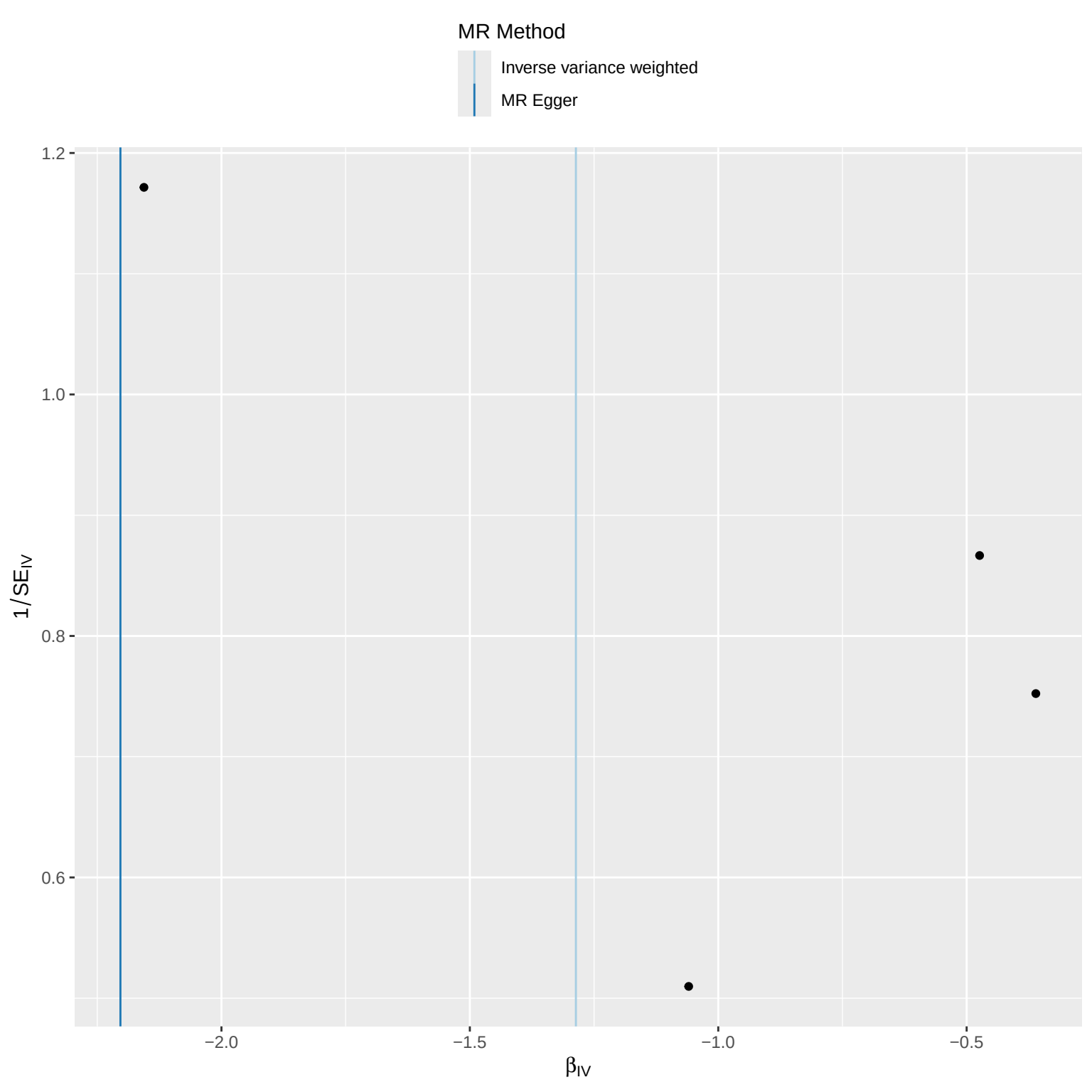

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
0.3
1/SE_IV
−1
0
1
2
β_IV

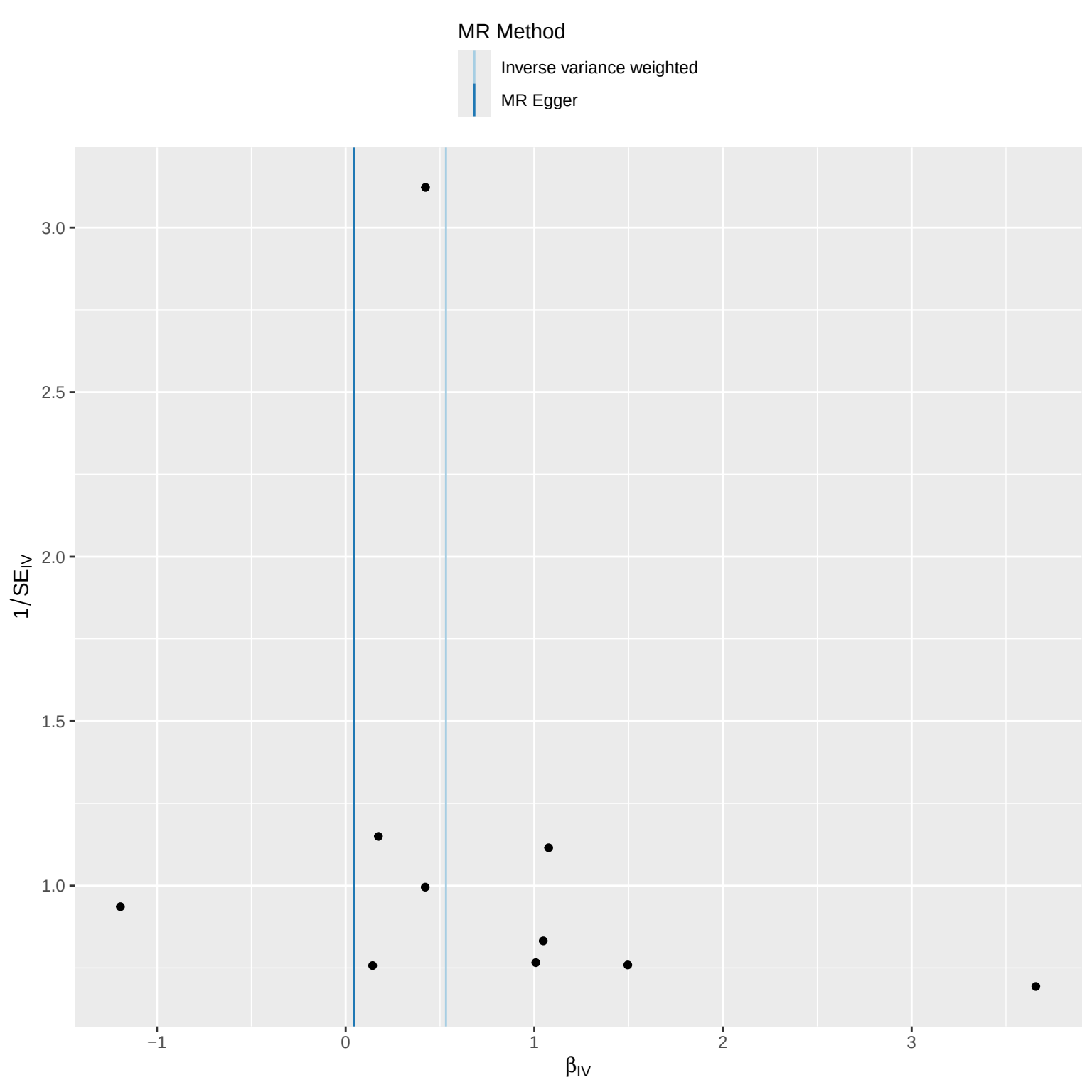

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2.5
0.0
2.5
β_{IV}

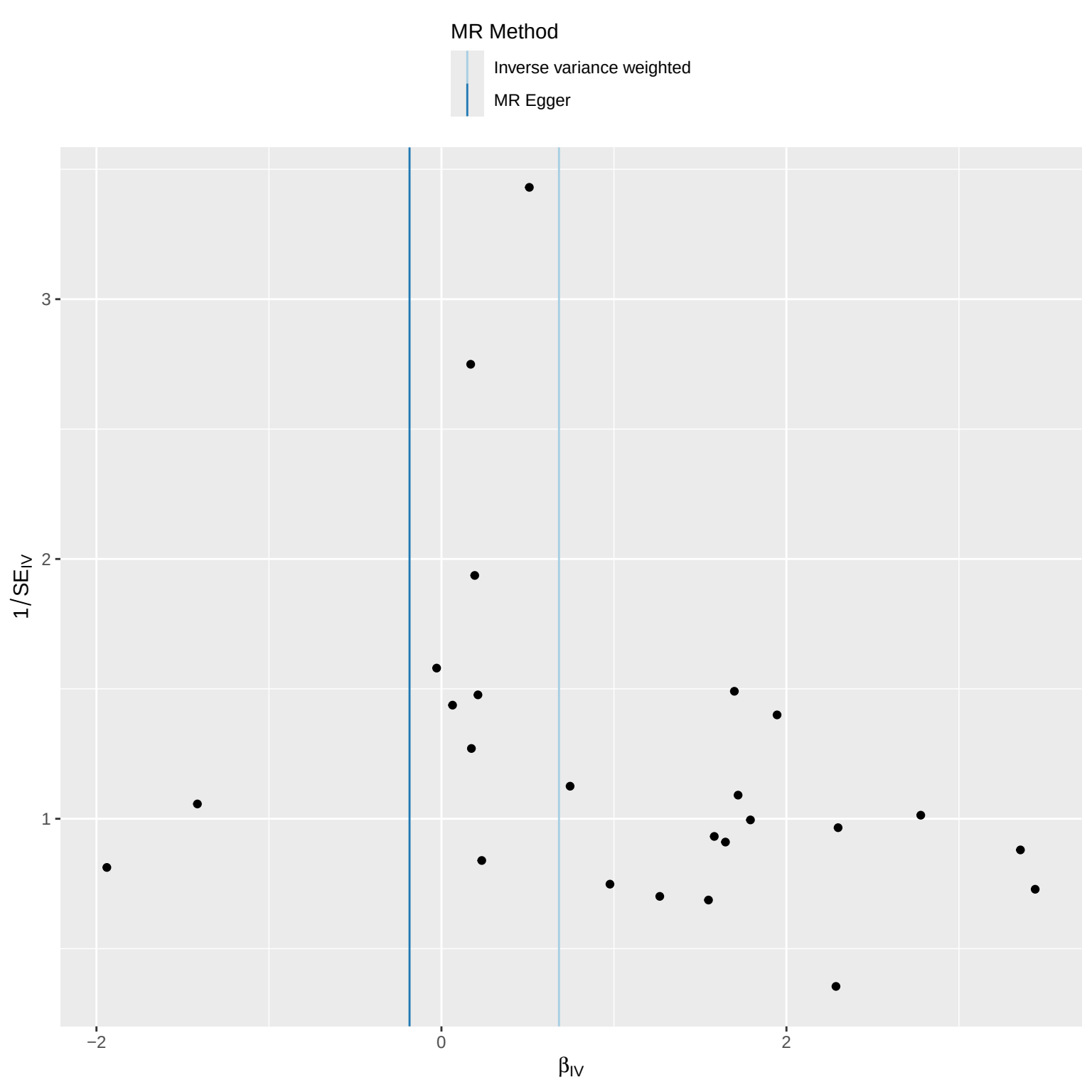

MR Method
Inverse variance weighted
MR Egger
2.2
1.8
1.4
1.0
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

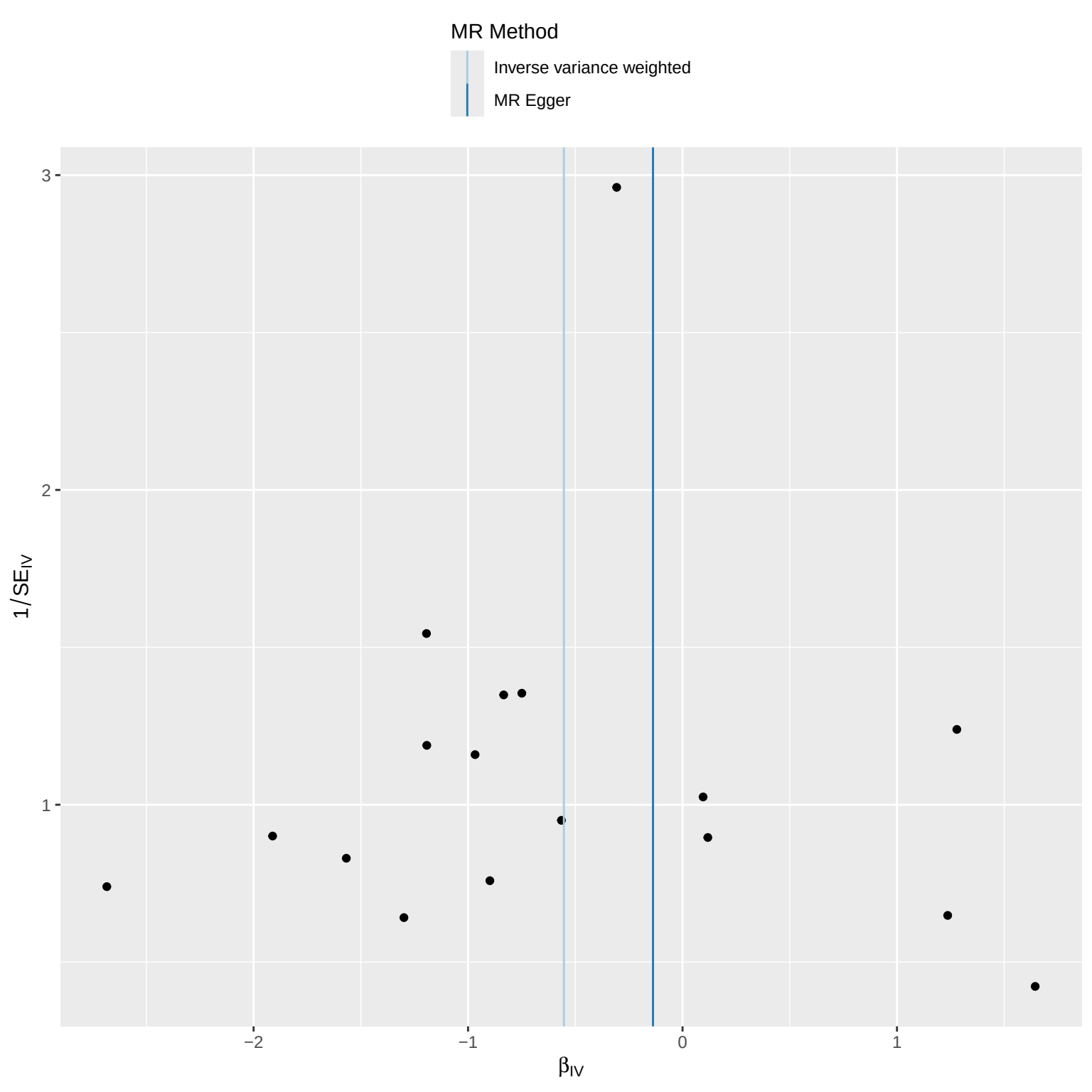

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
2
3
β_IV

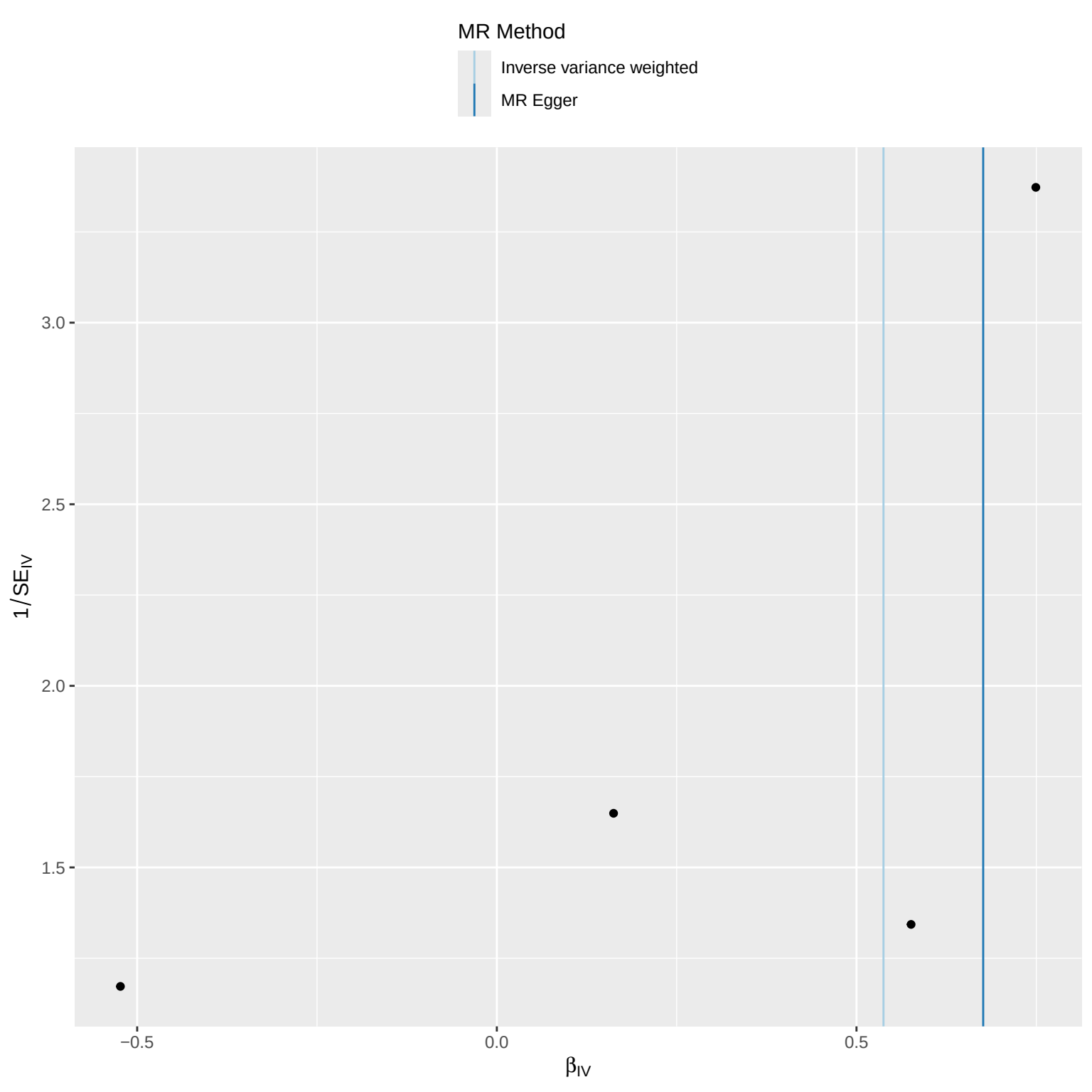

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

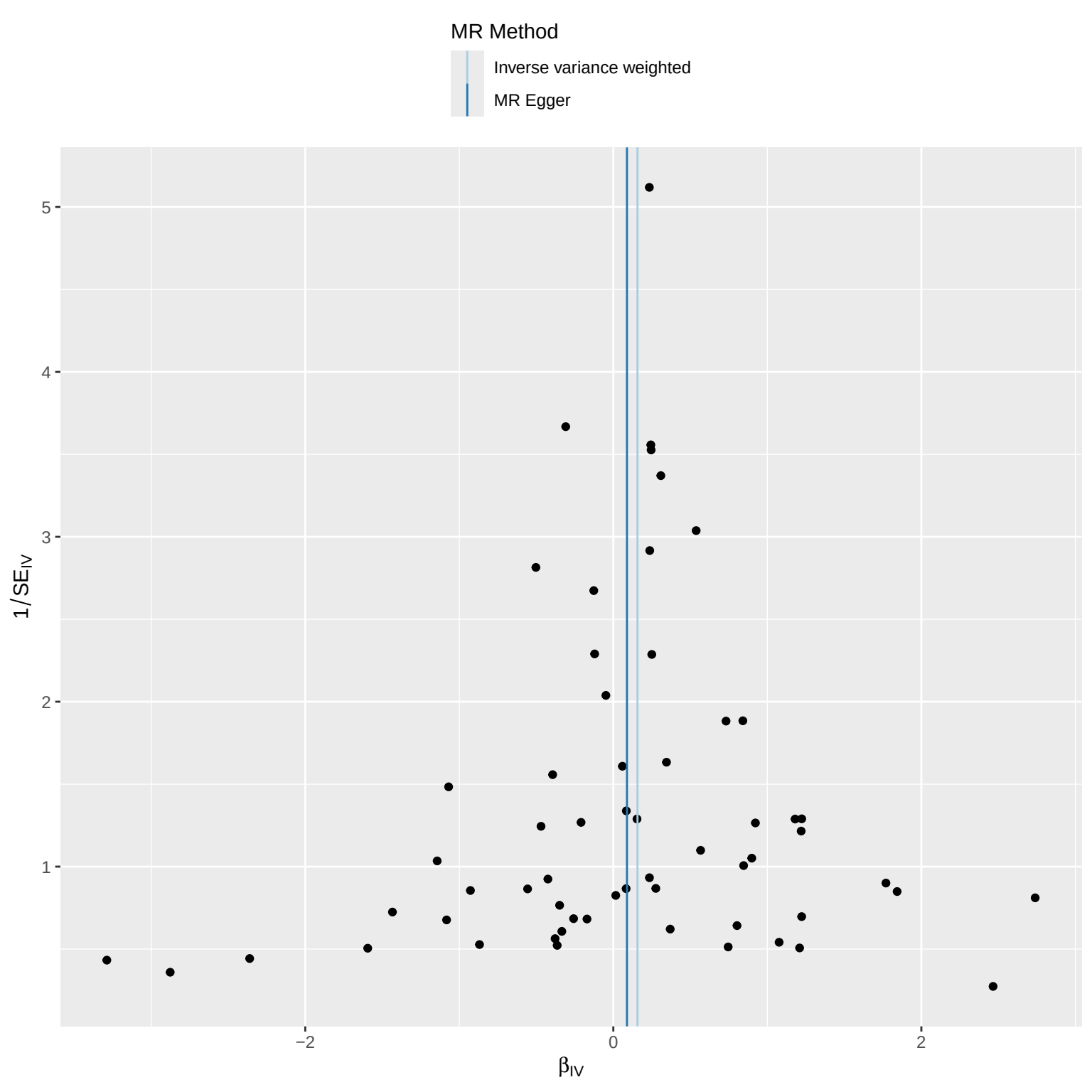

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

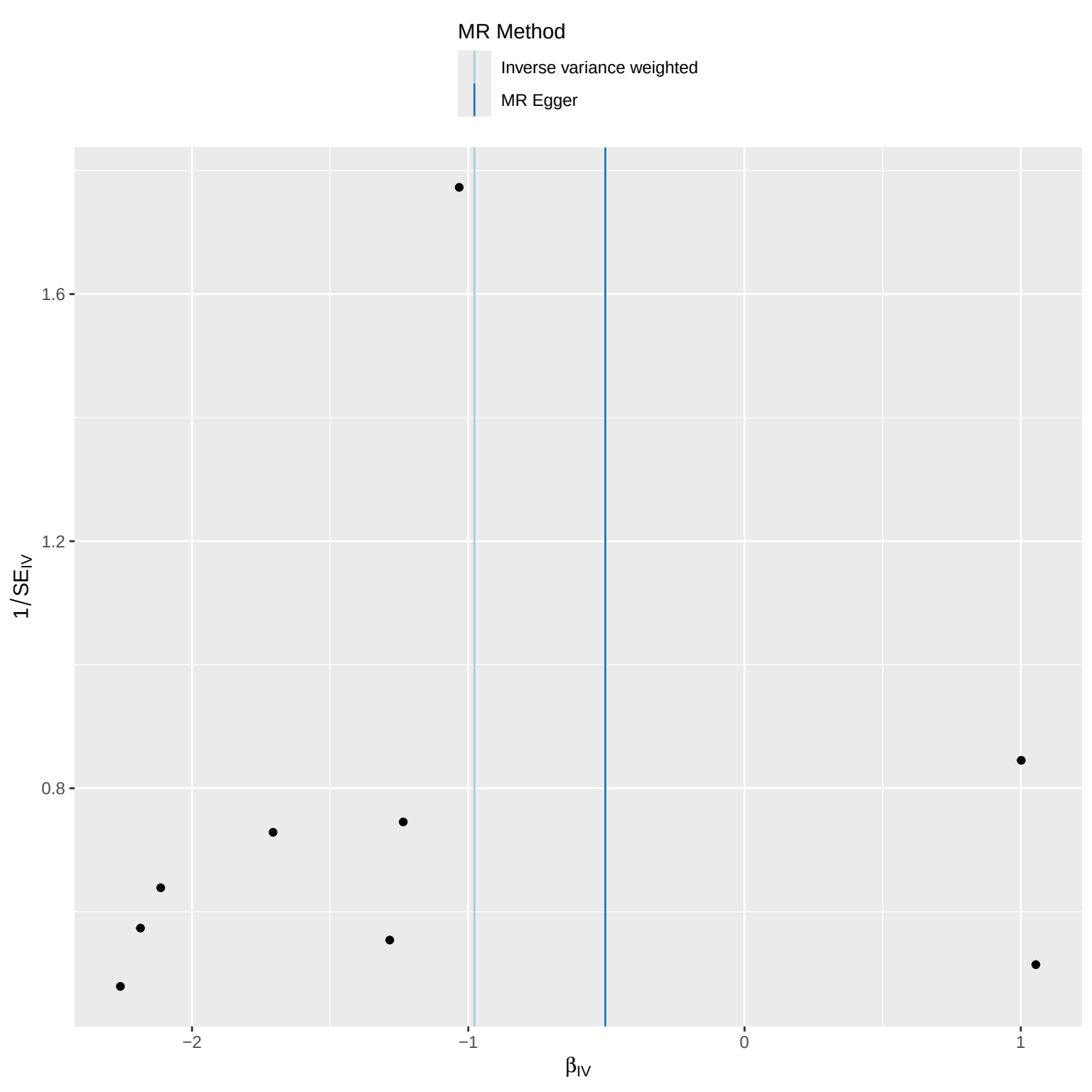

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
3
β_IV

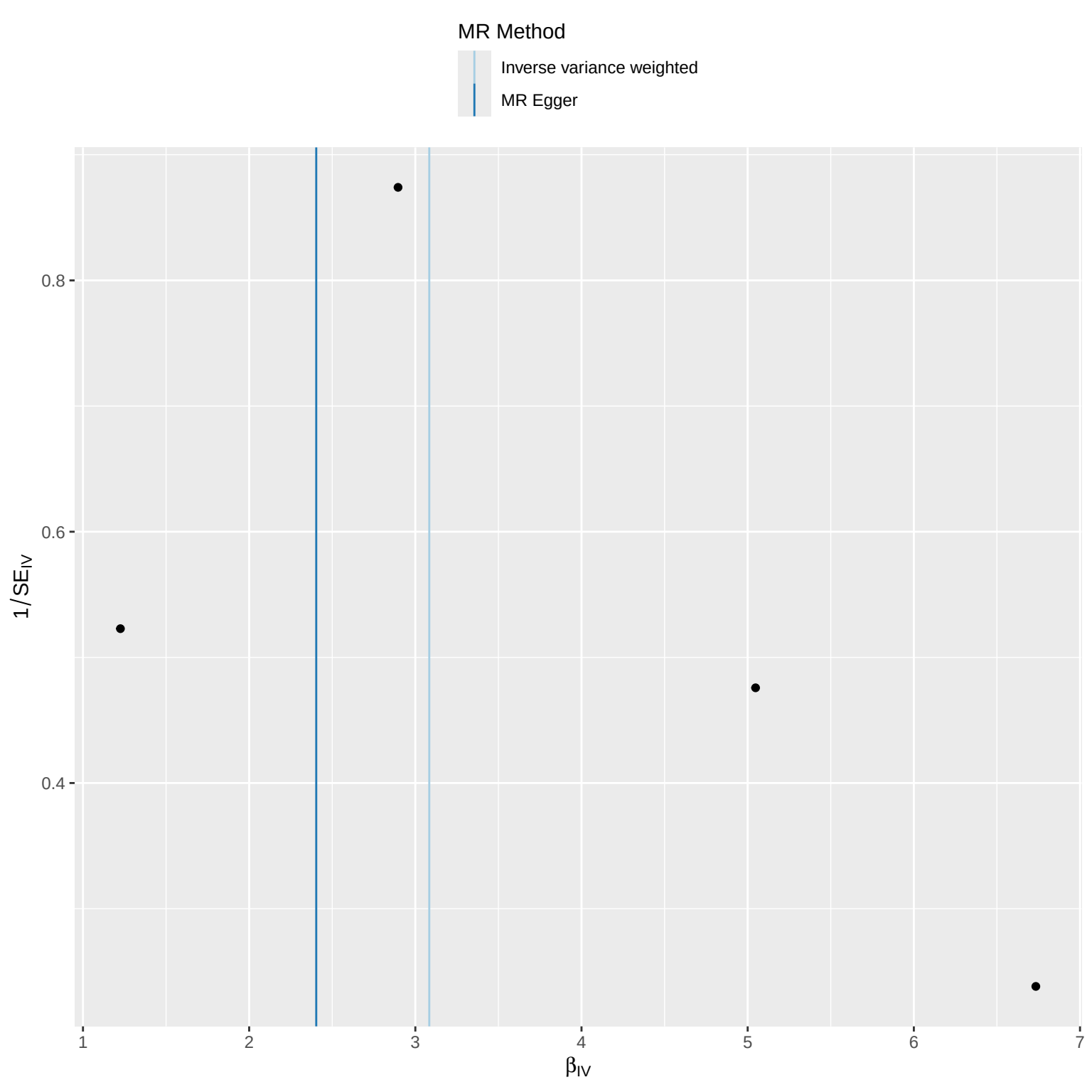

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

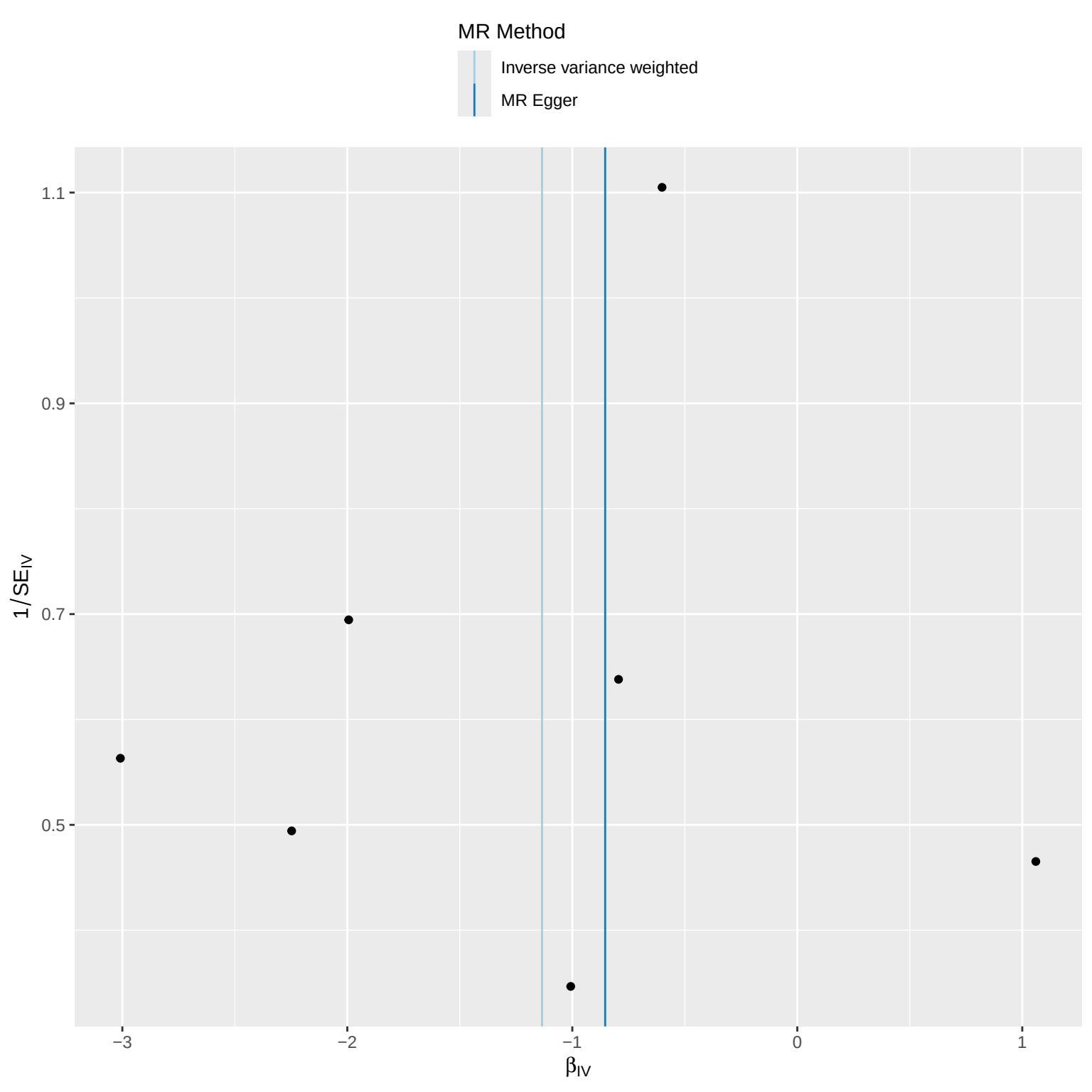

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

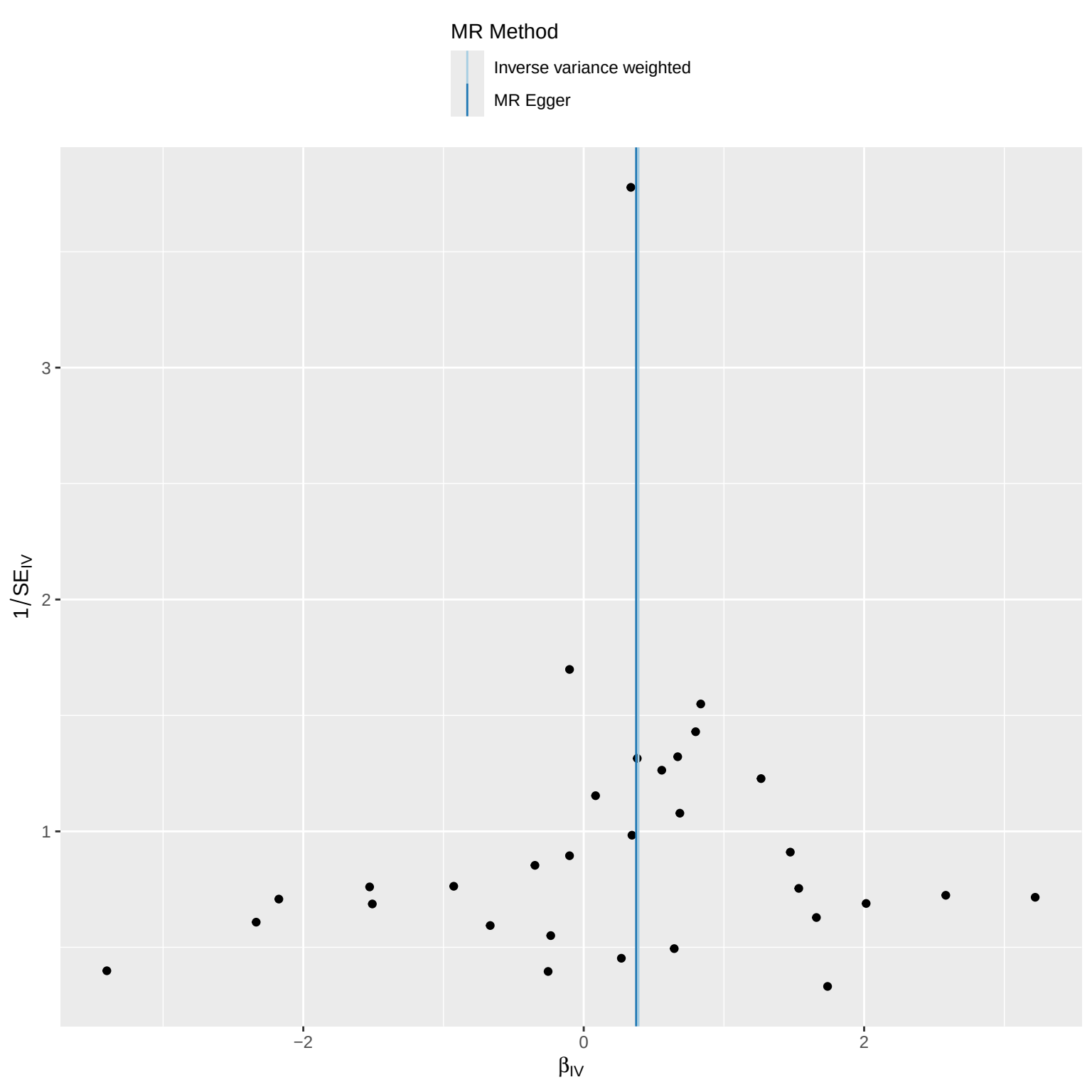

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
β_IV

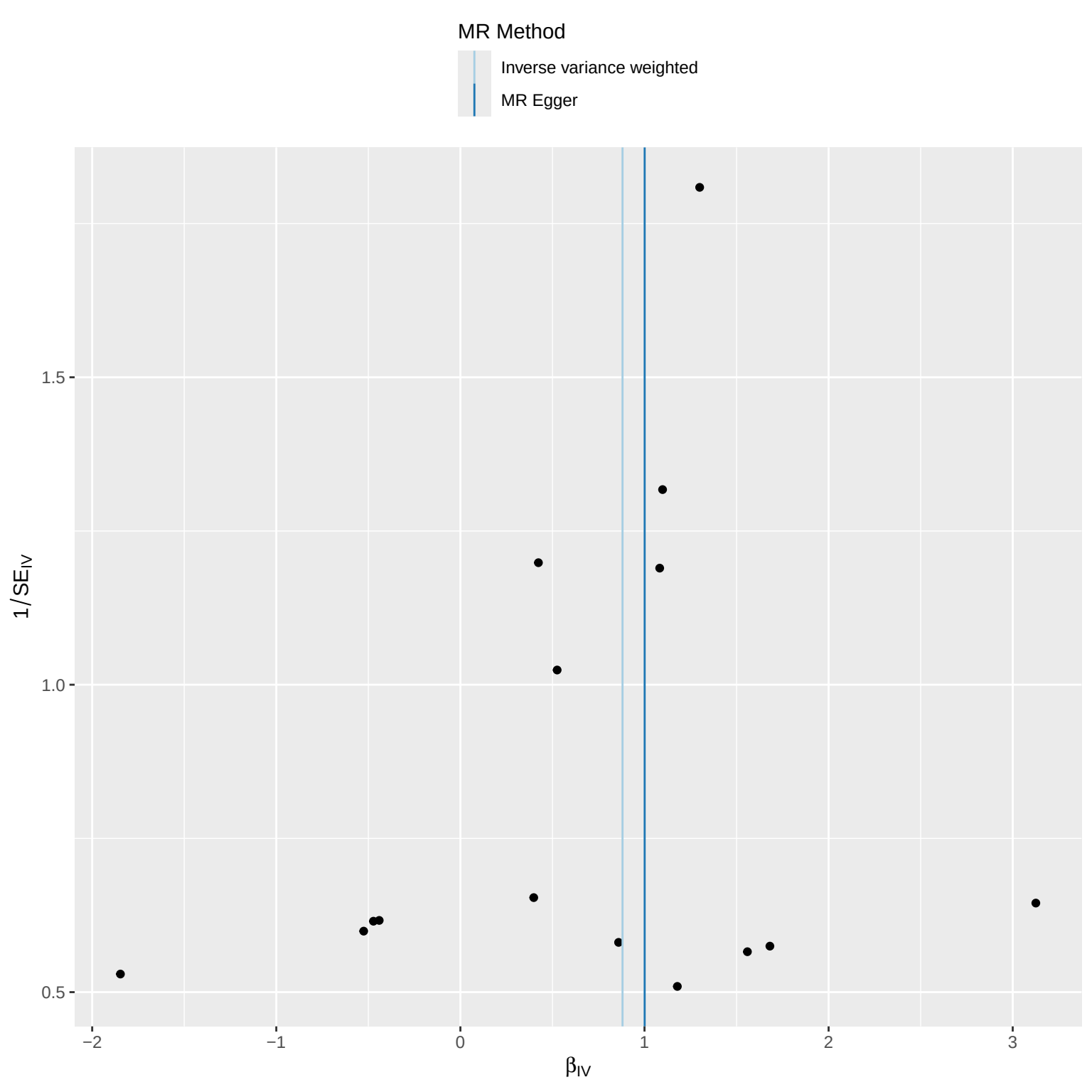

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

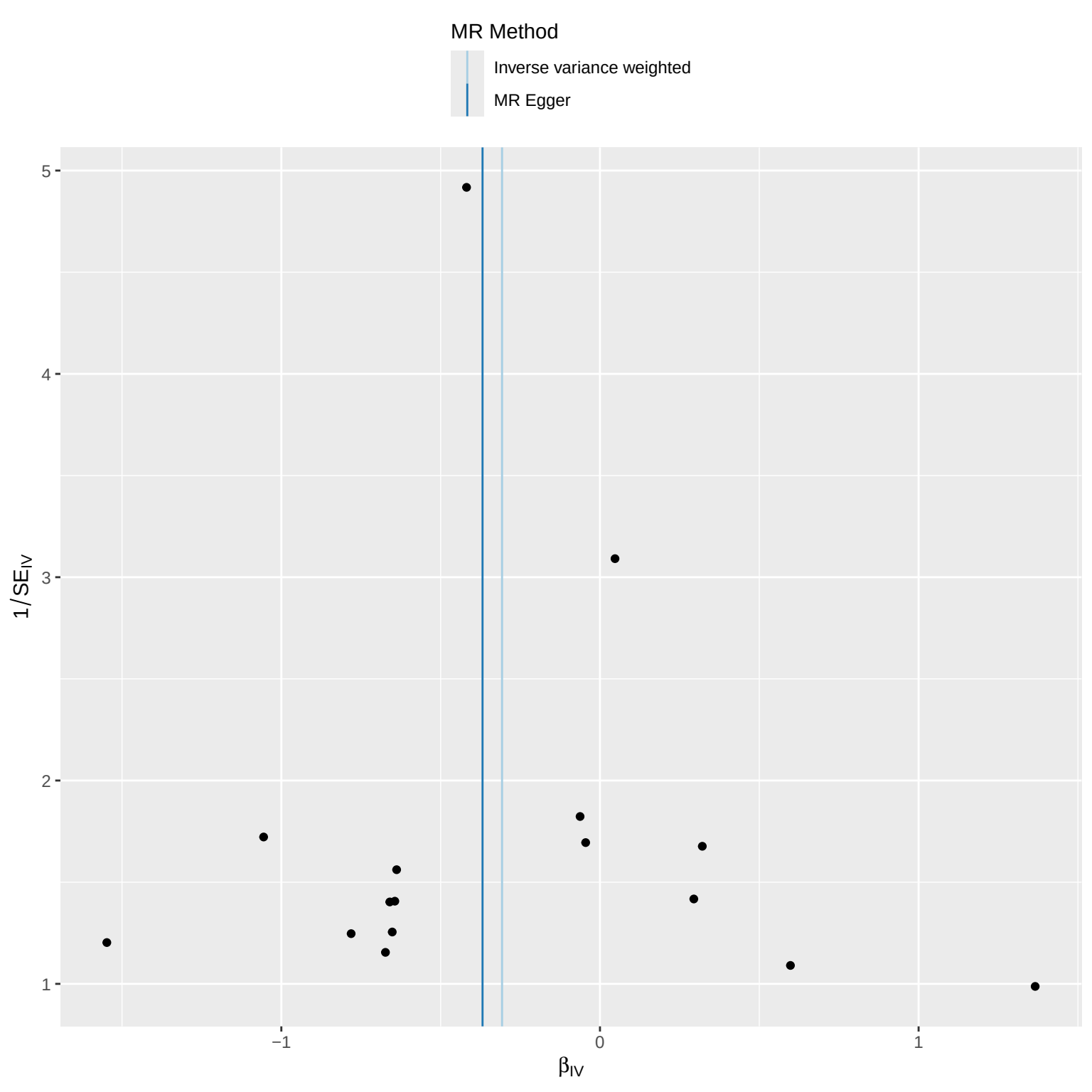

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2
−1
0
1
β_IV

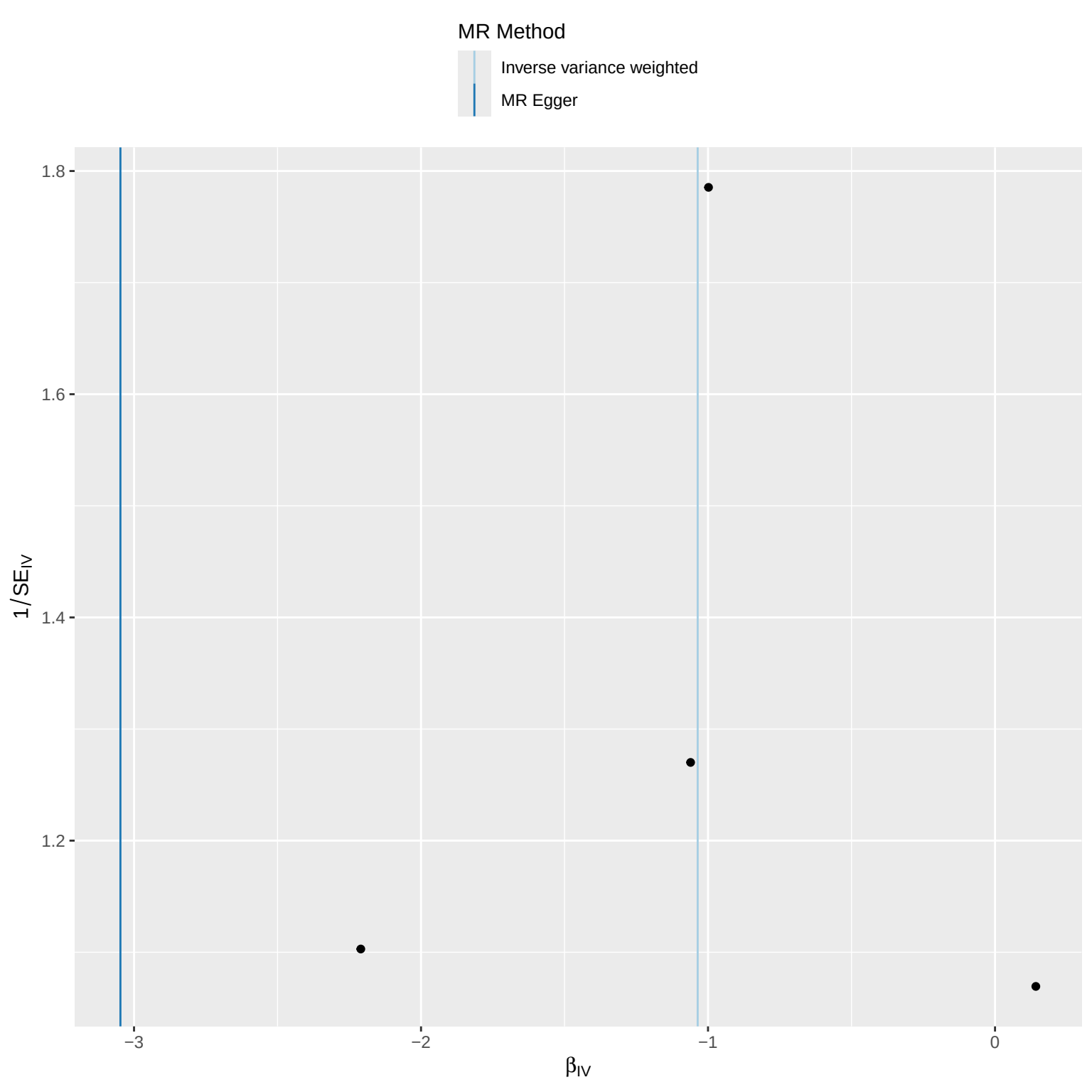

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
1
2
3
4
5
6
7
β_IV

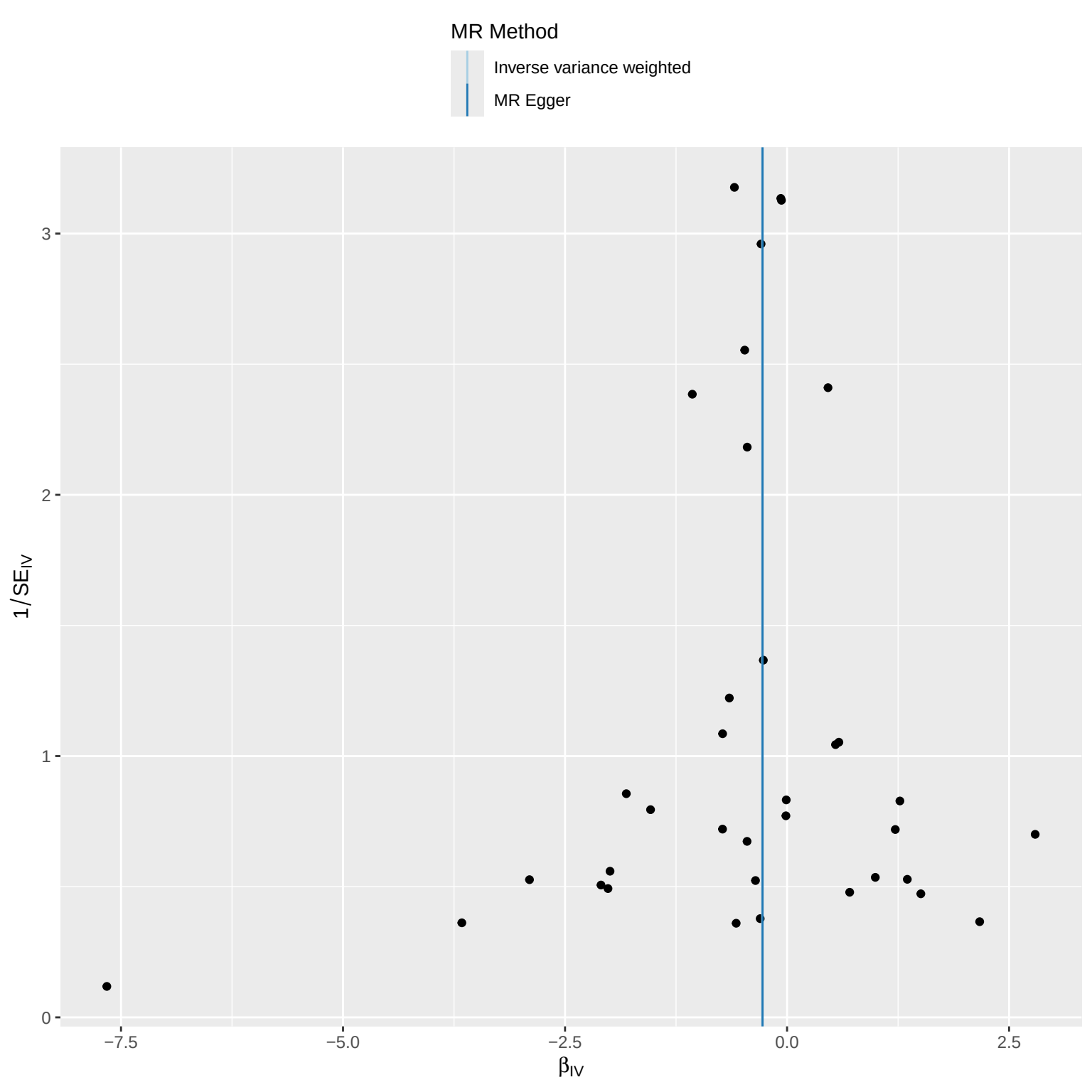

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

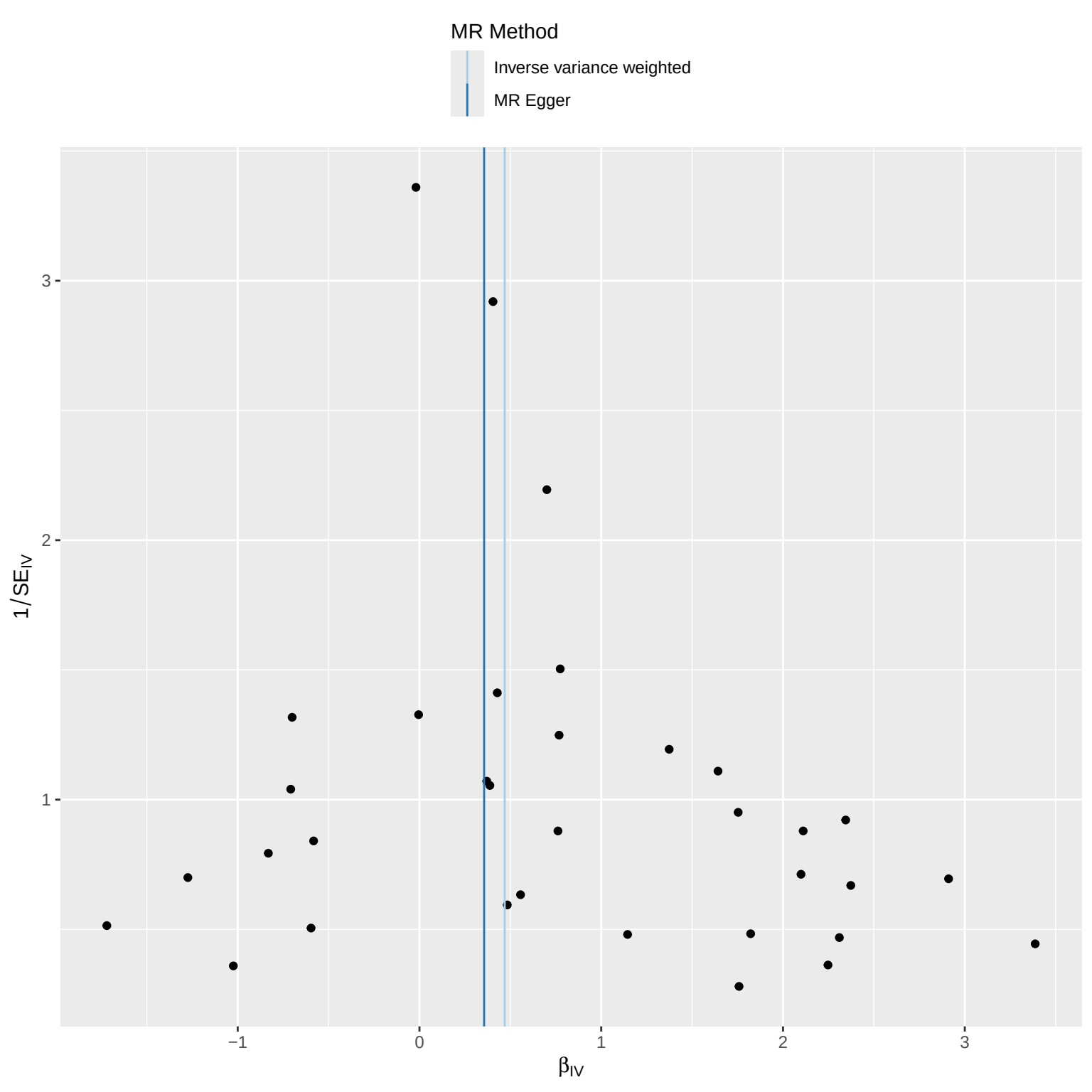

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

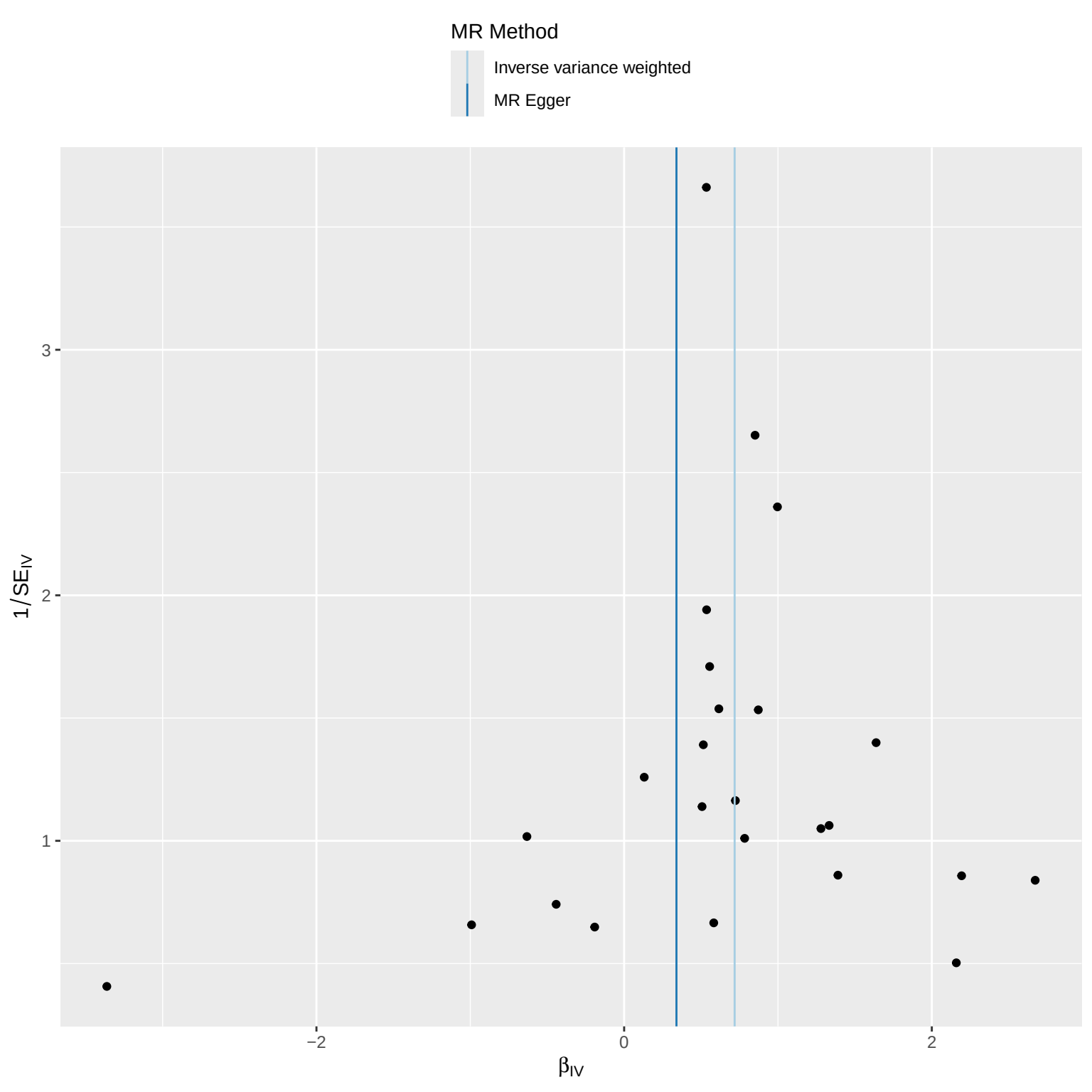

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

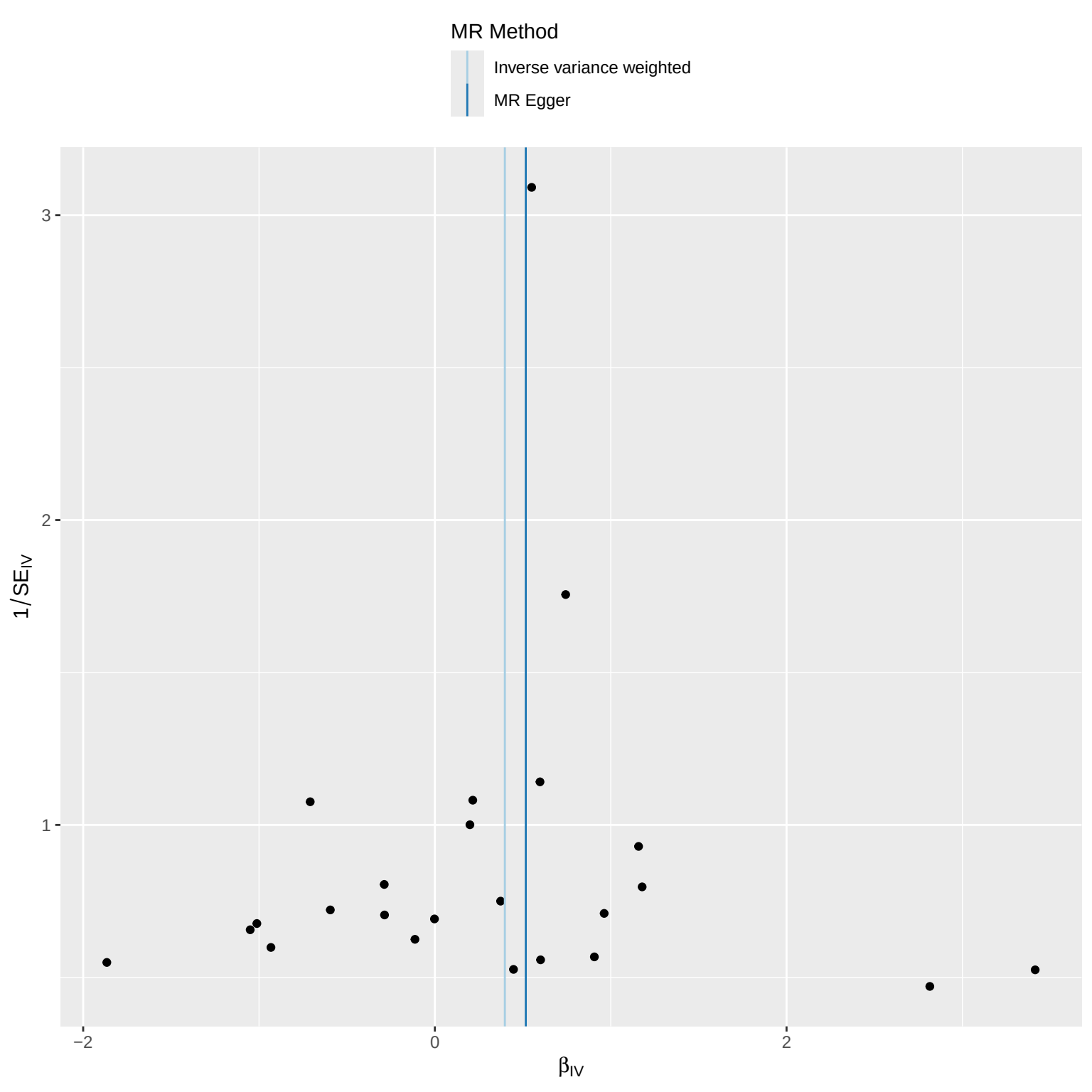

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

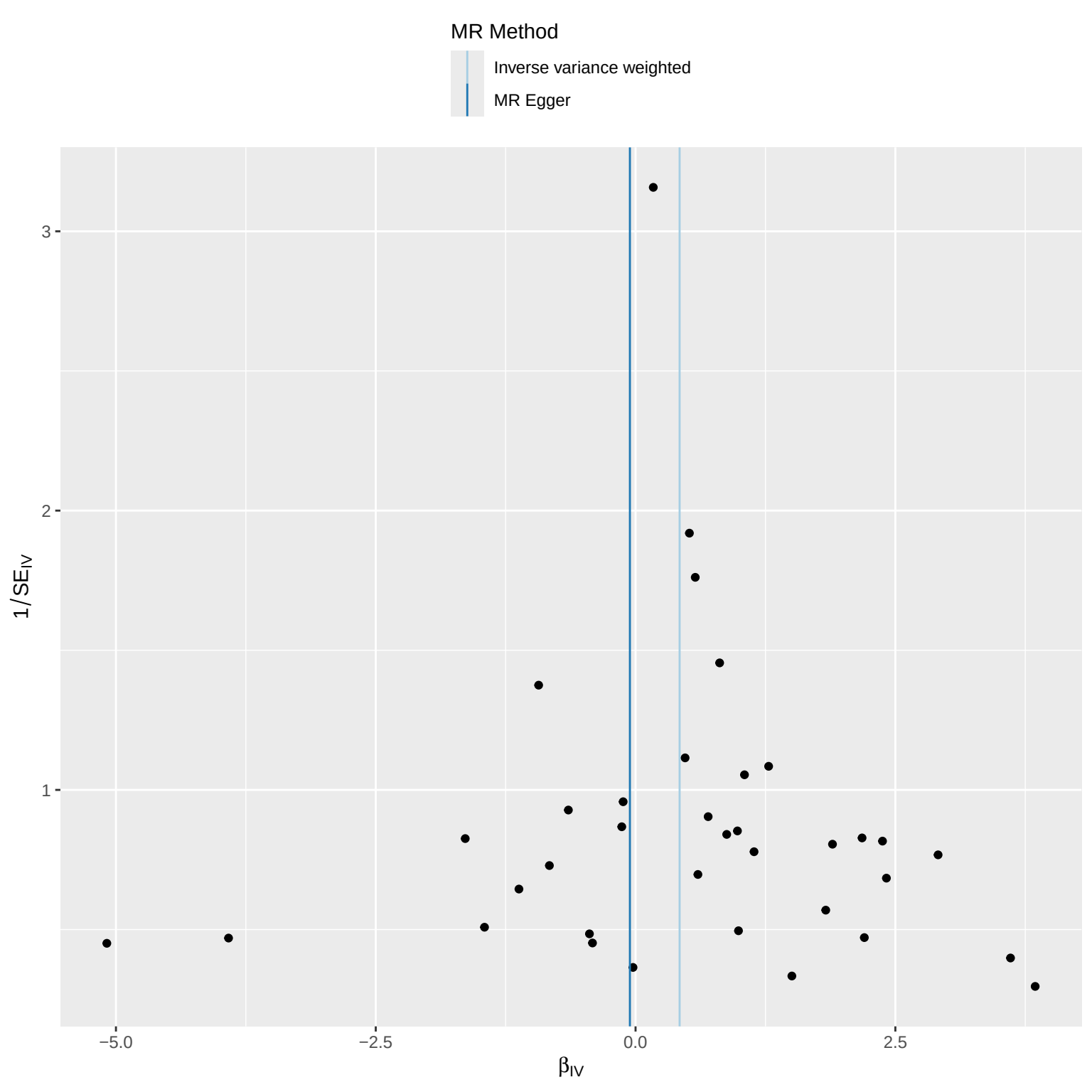

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1/SE_IV
−3
−2
−1
0
β_IV

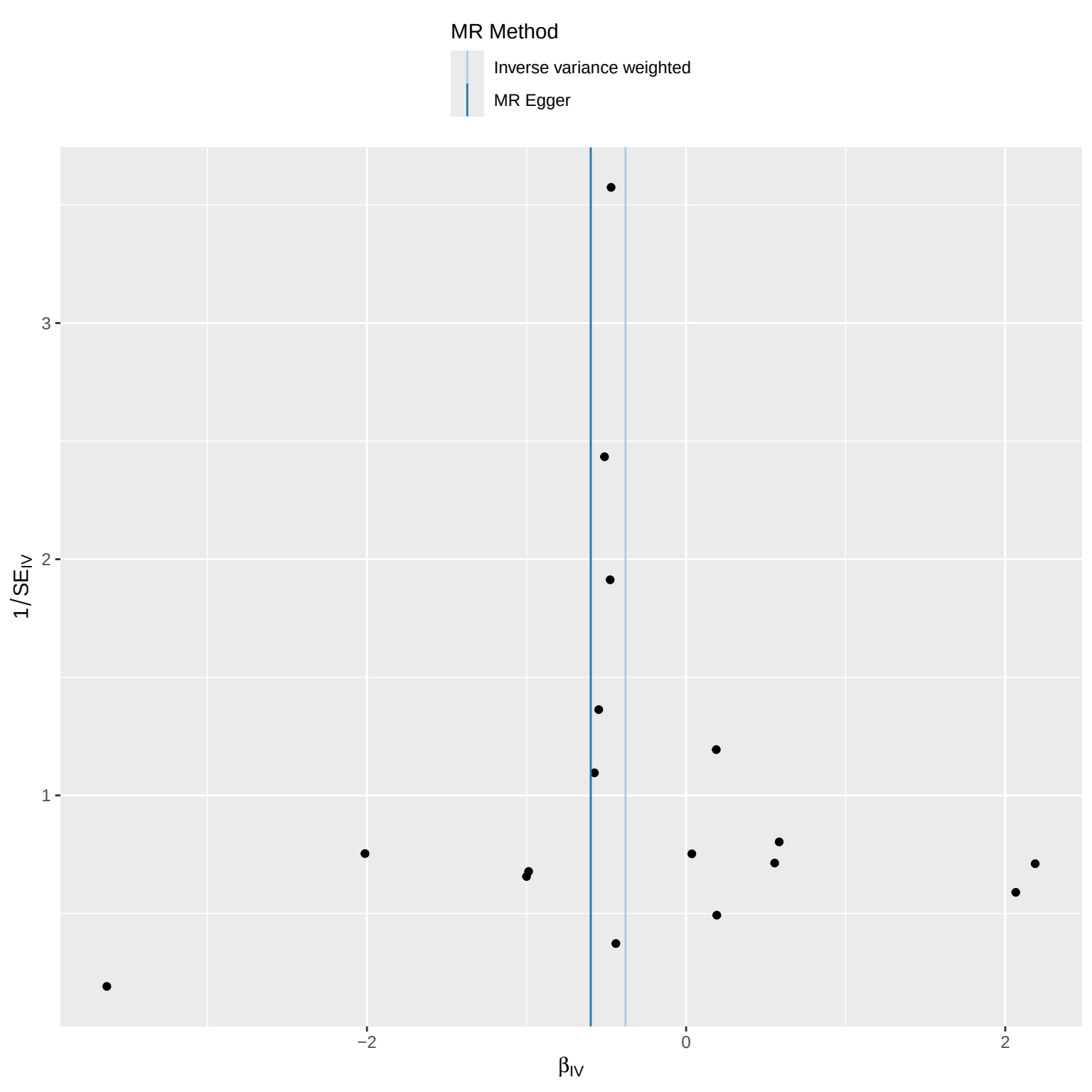

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
β_IV

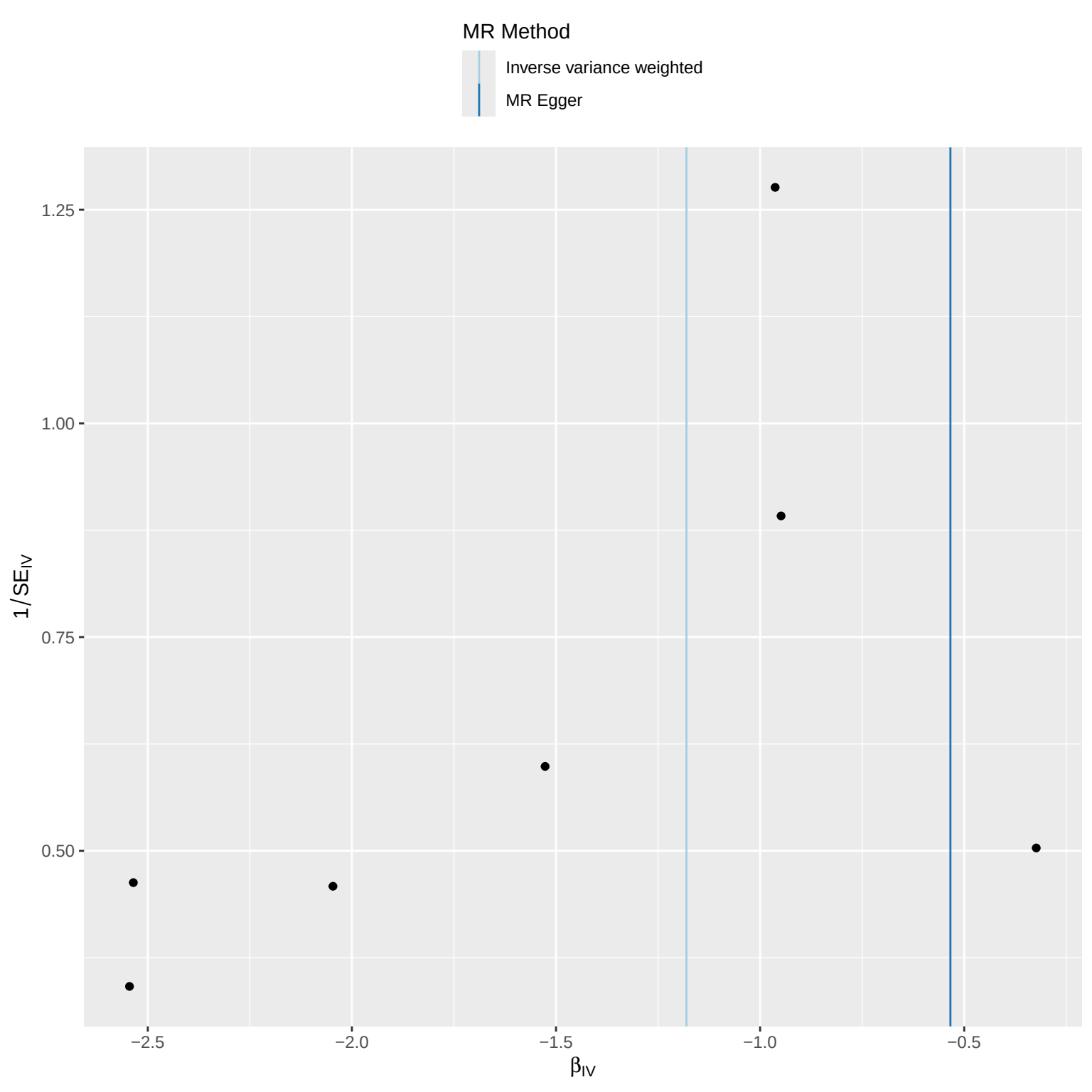

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

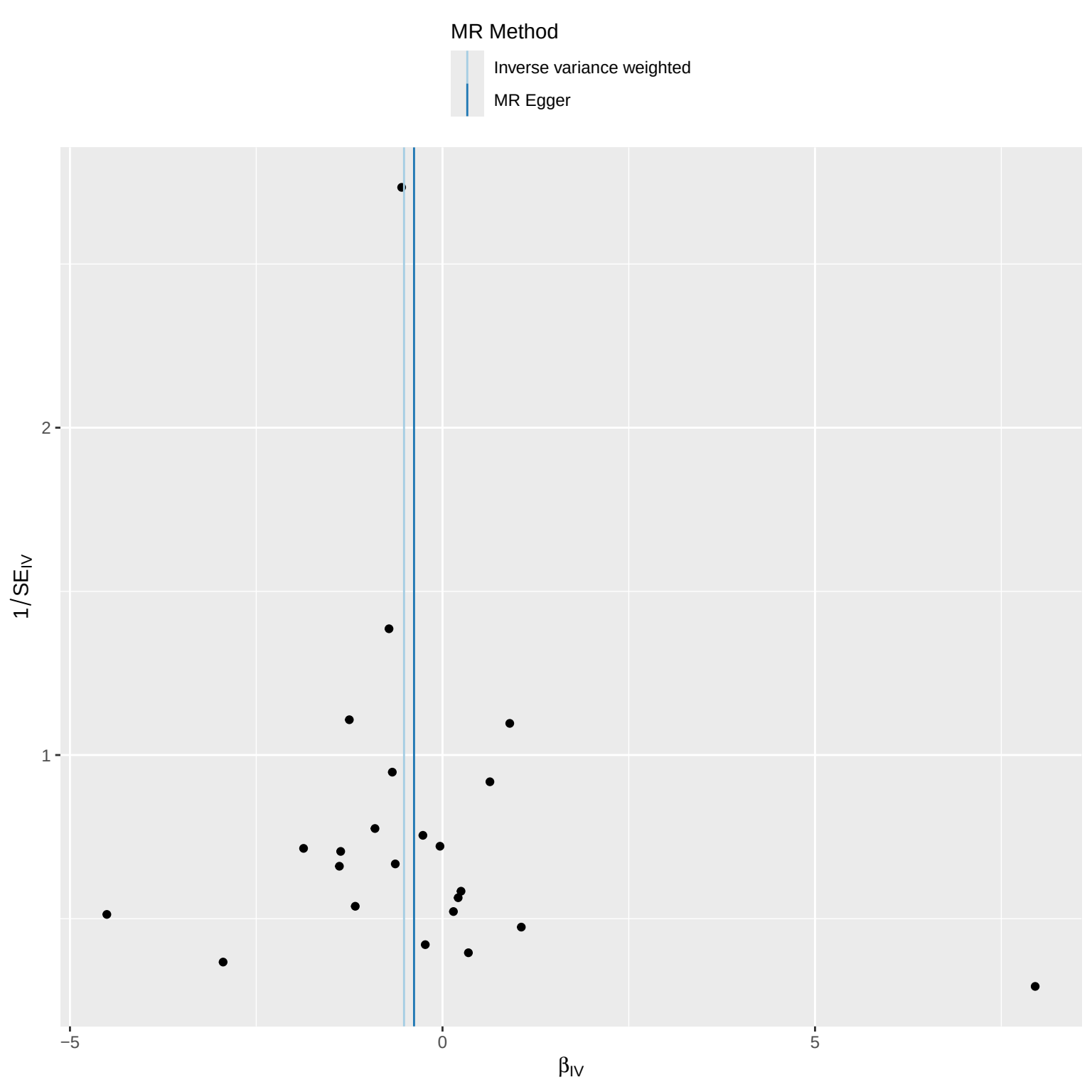

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

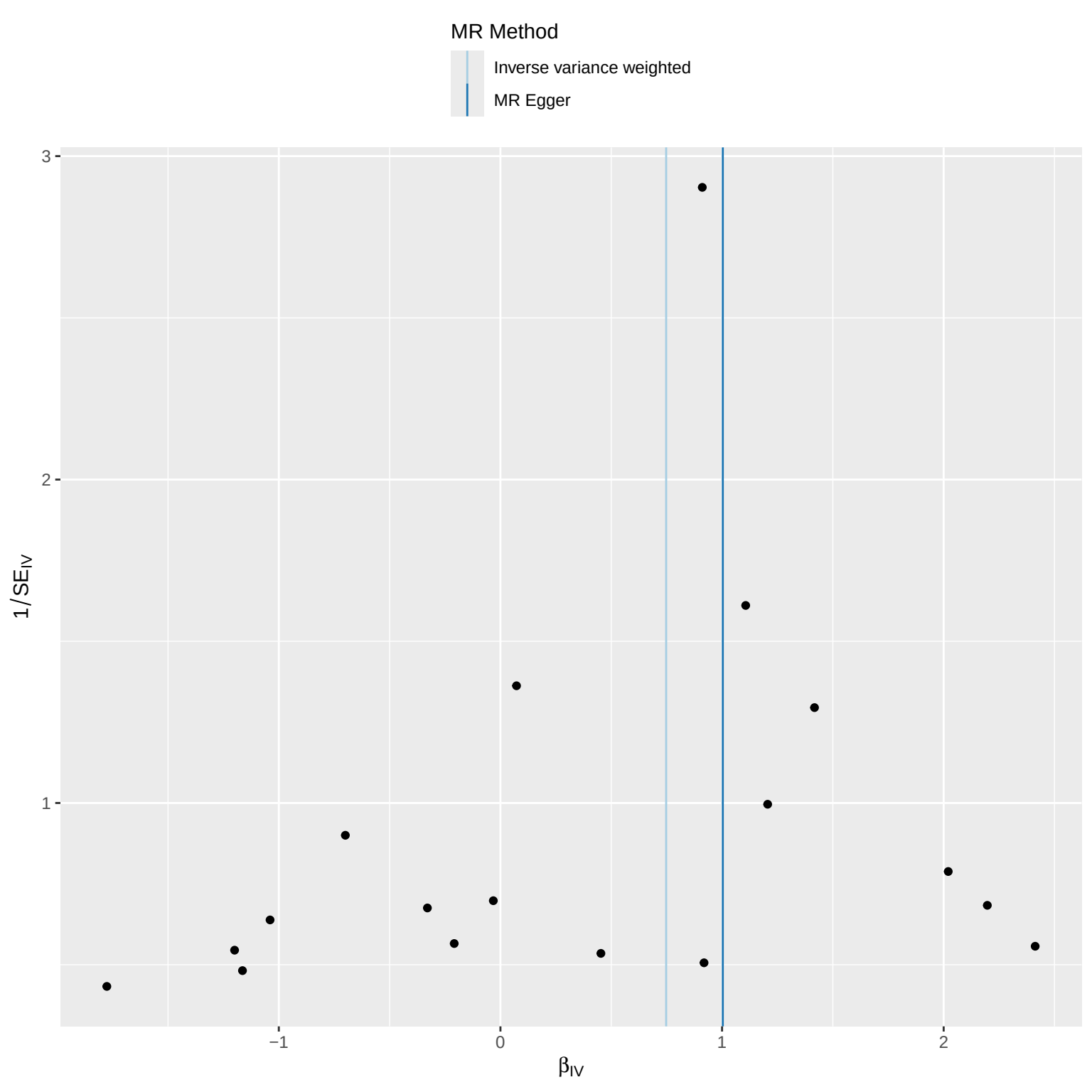

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

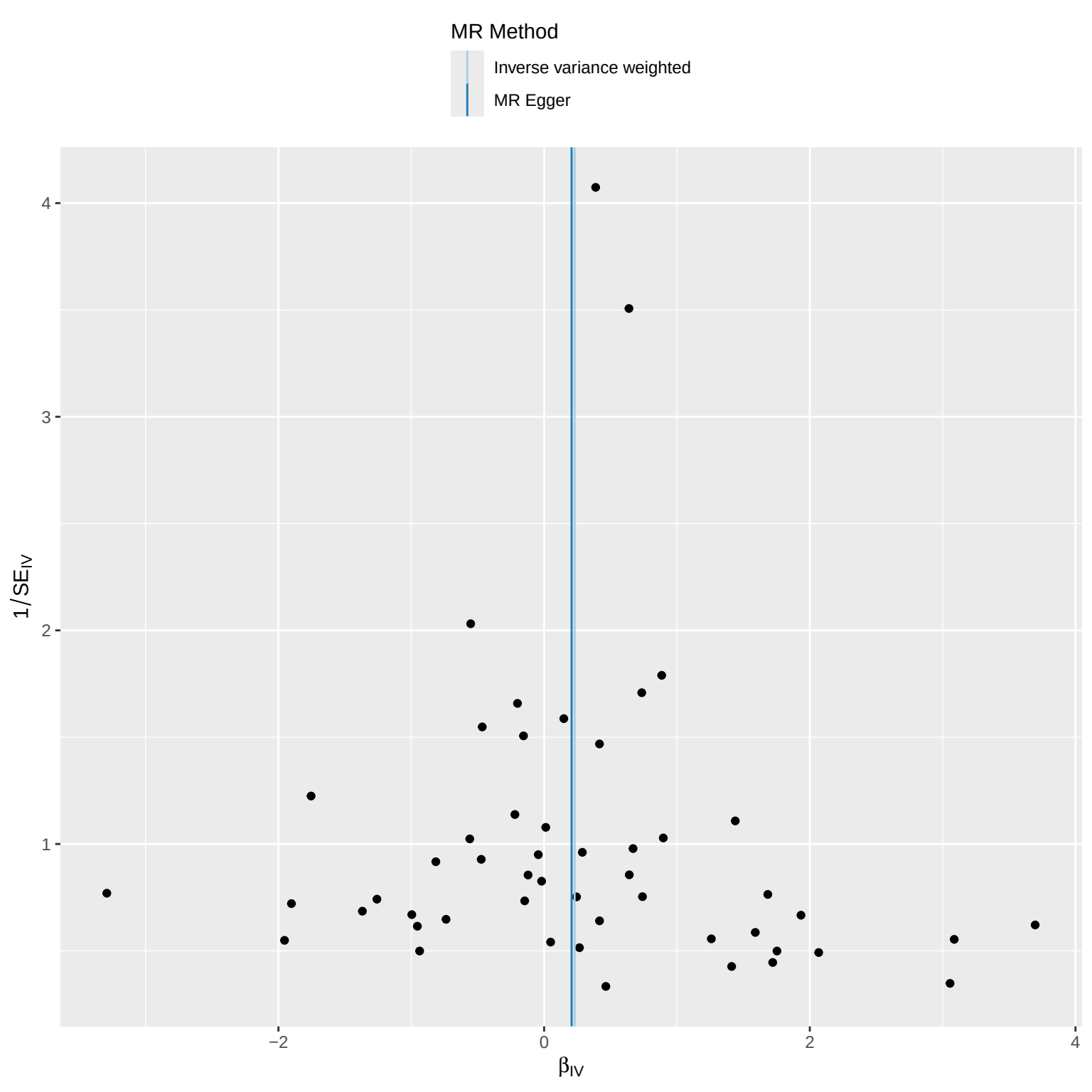

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

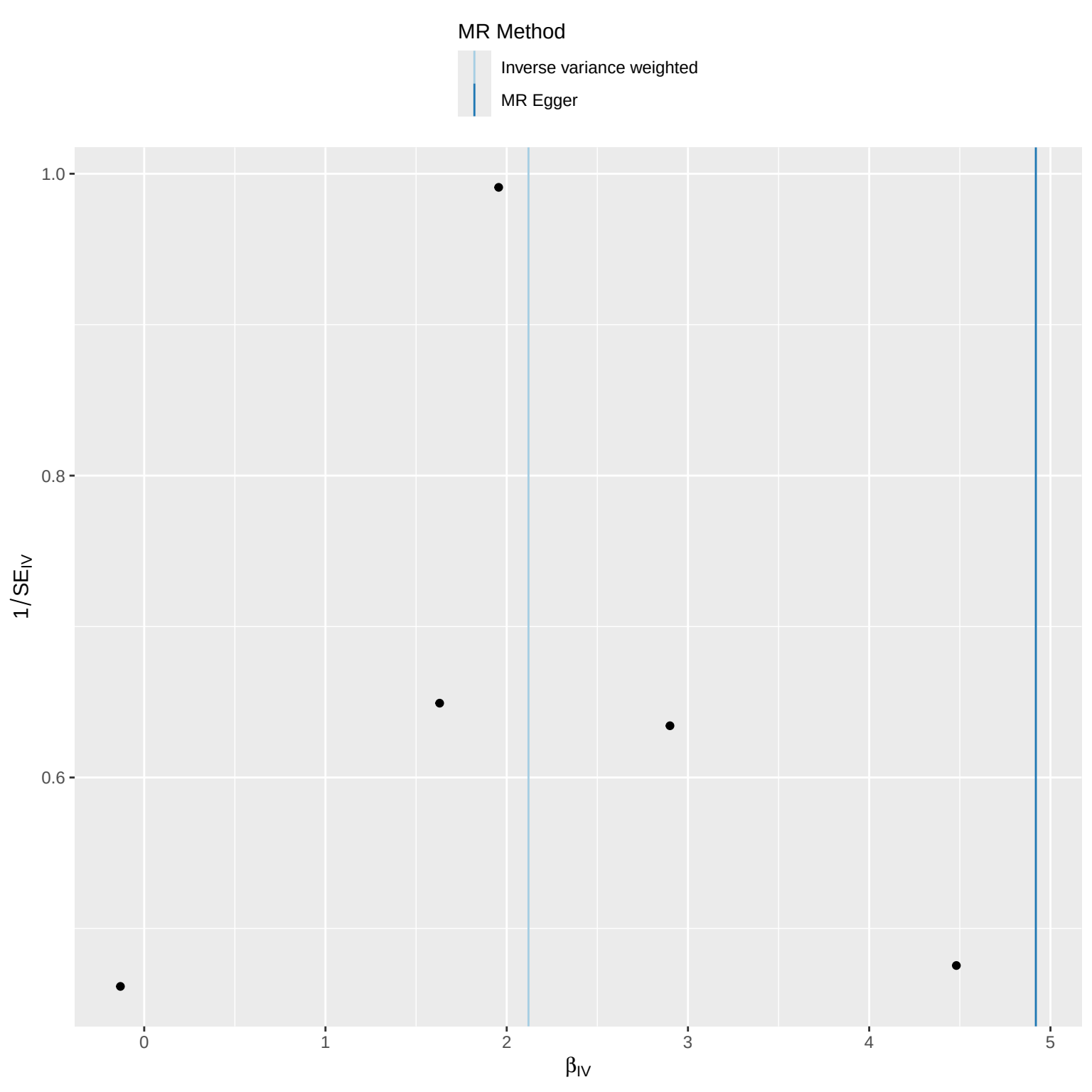

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

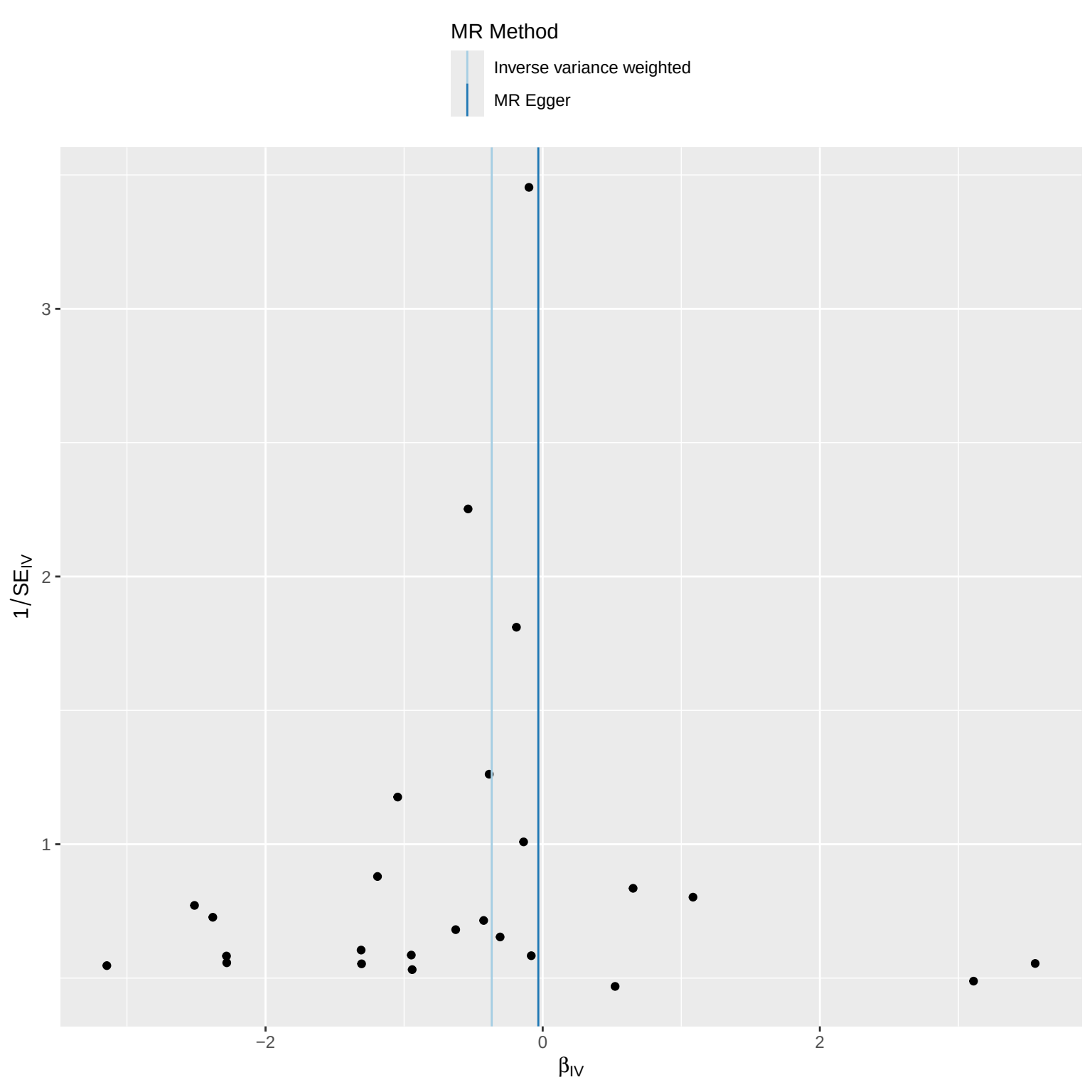

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

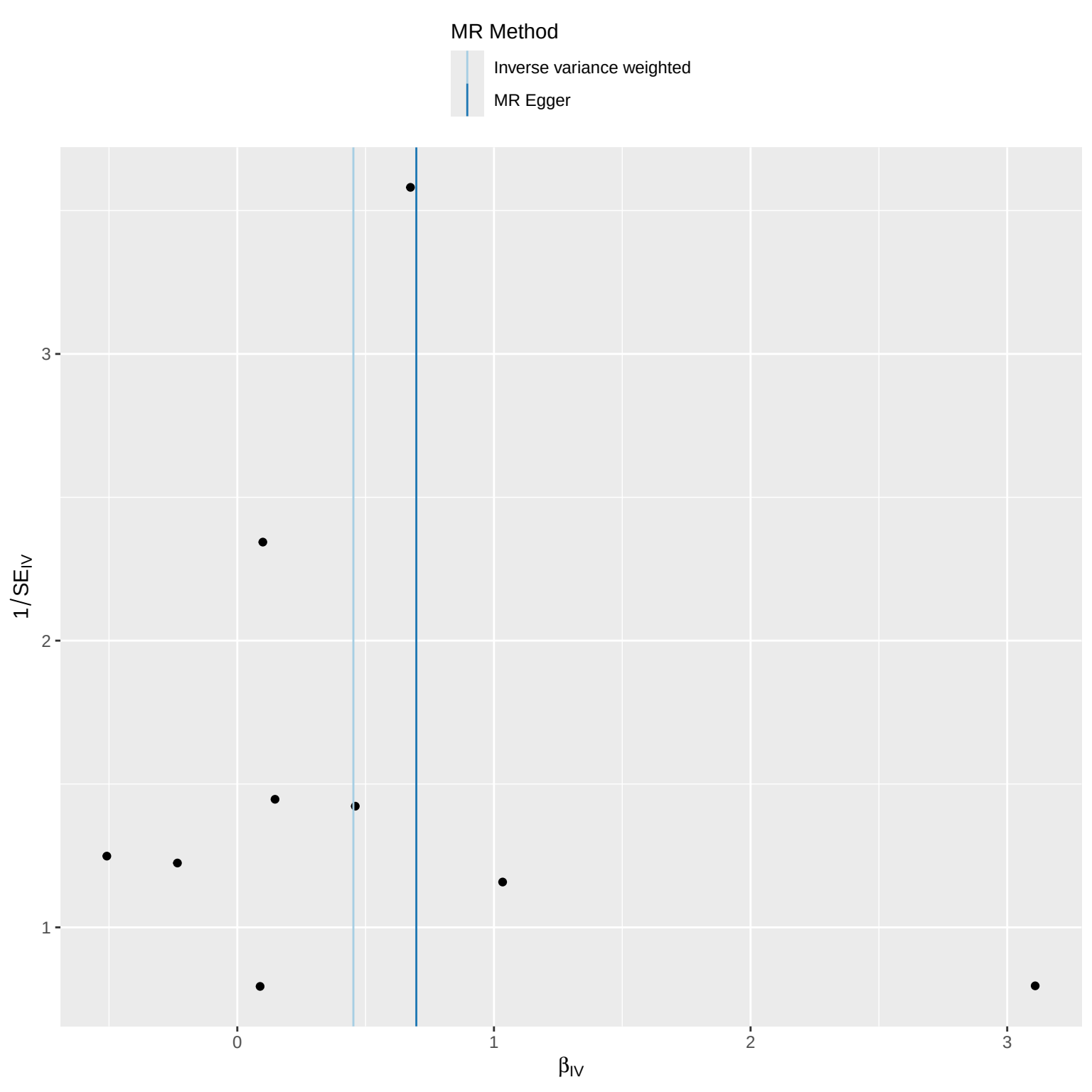

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5
0
5
β_IV

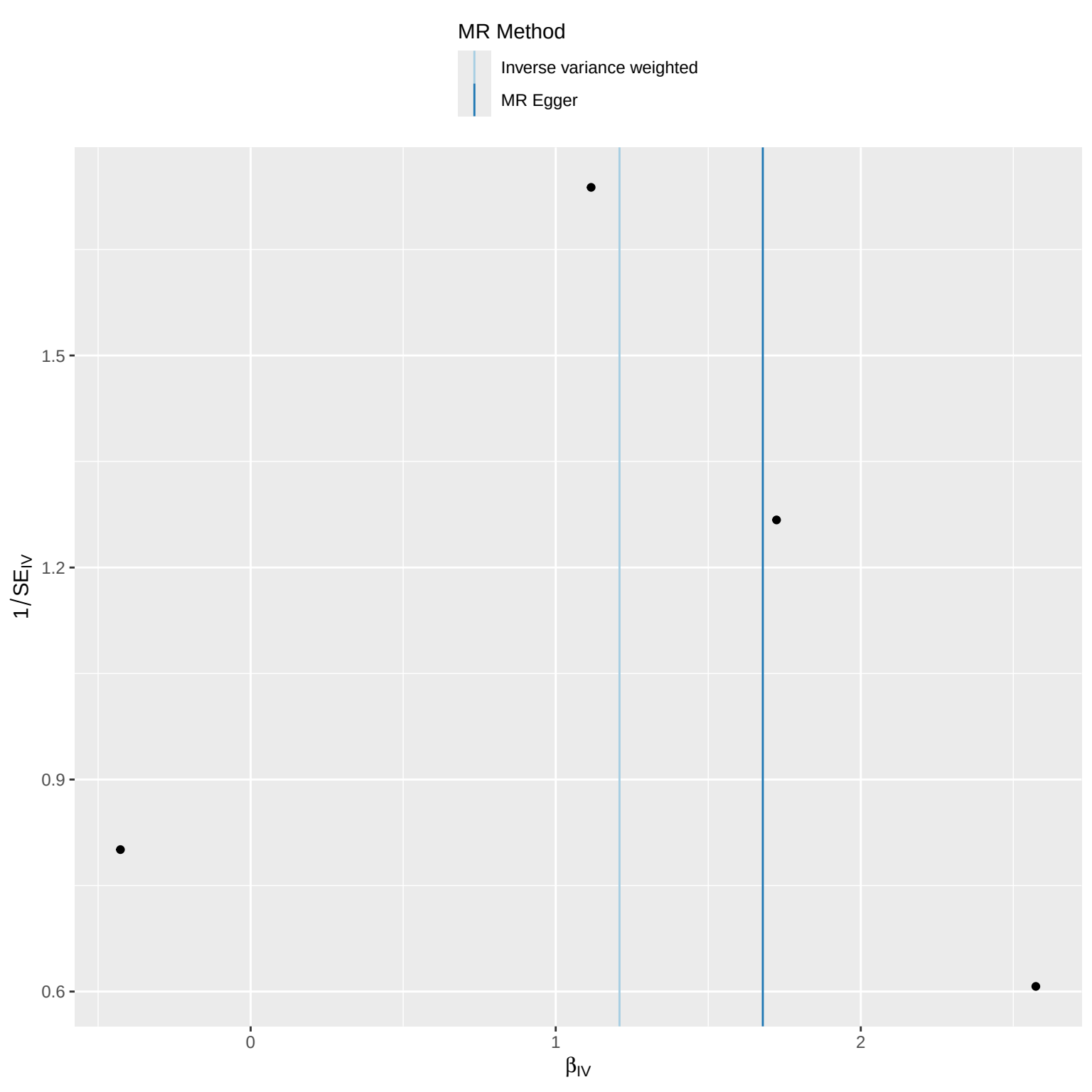

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

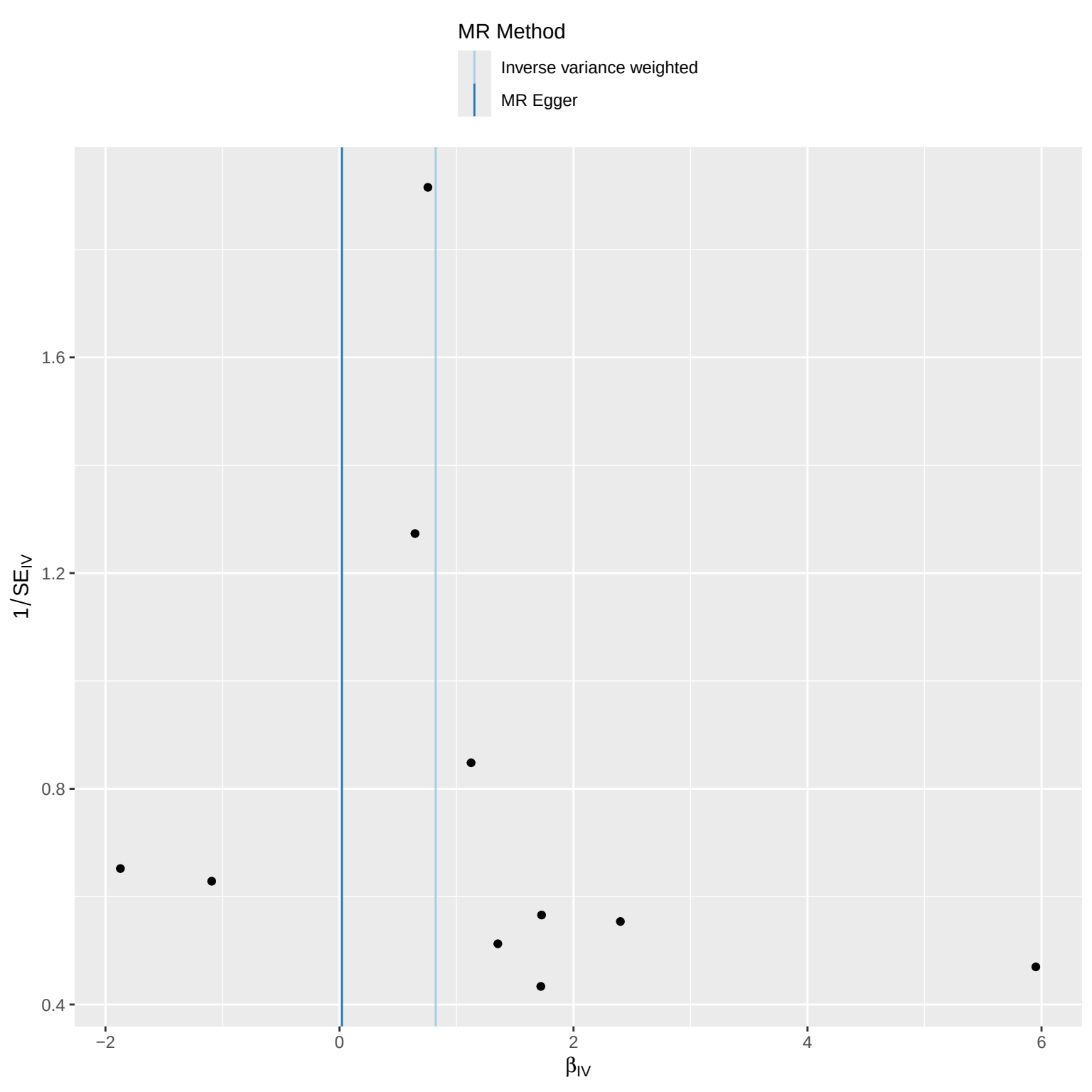

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

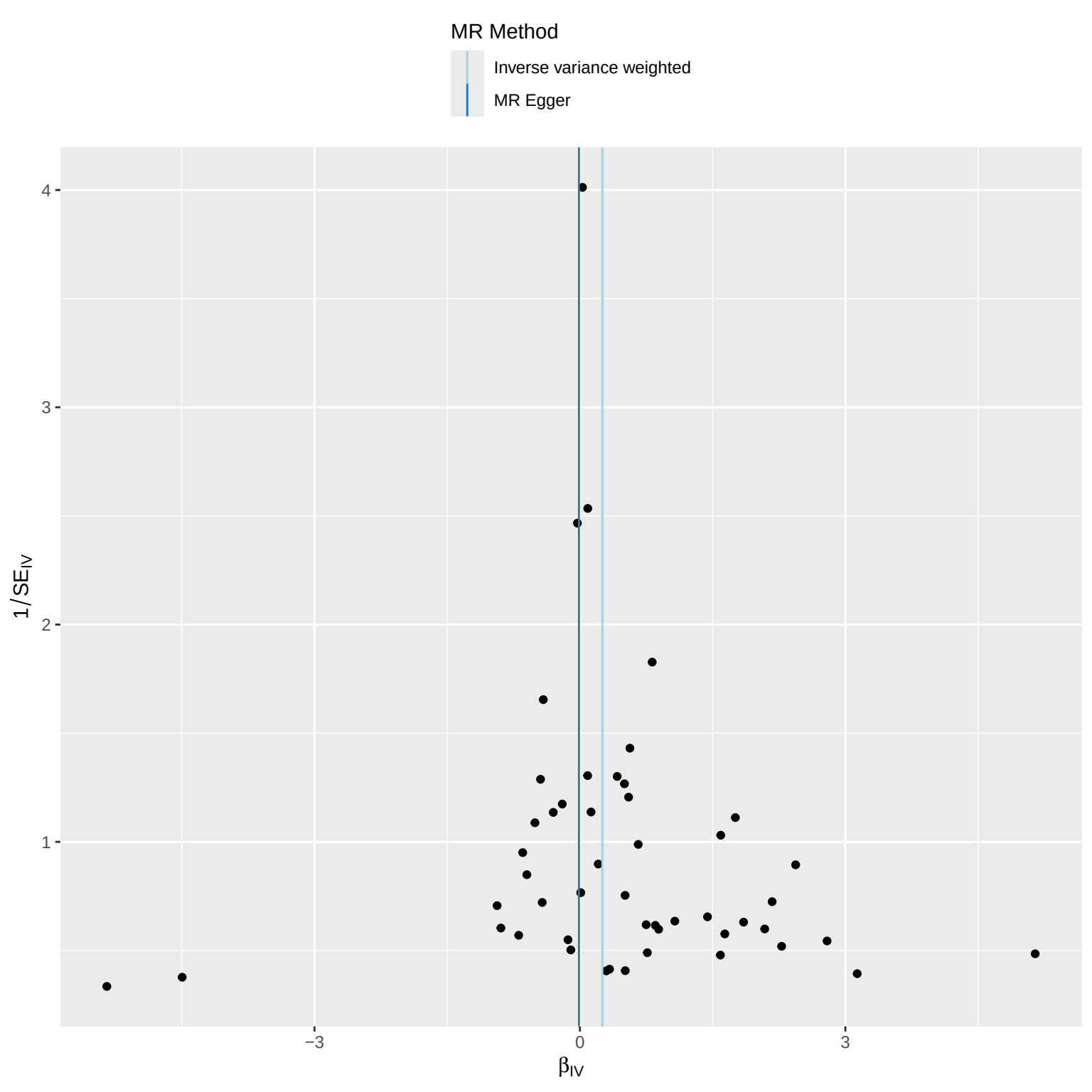

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
0
1
2
3
4
5
β_IV

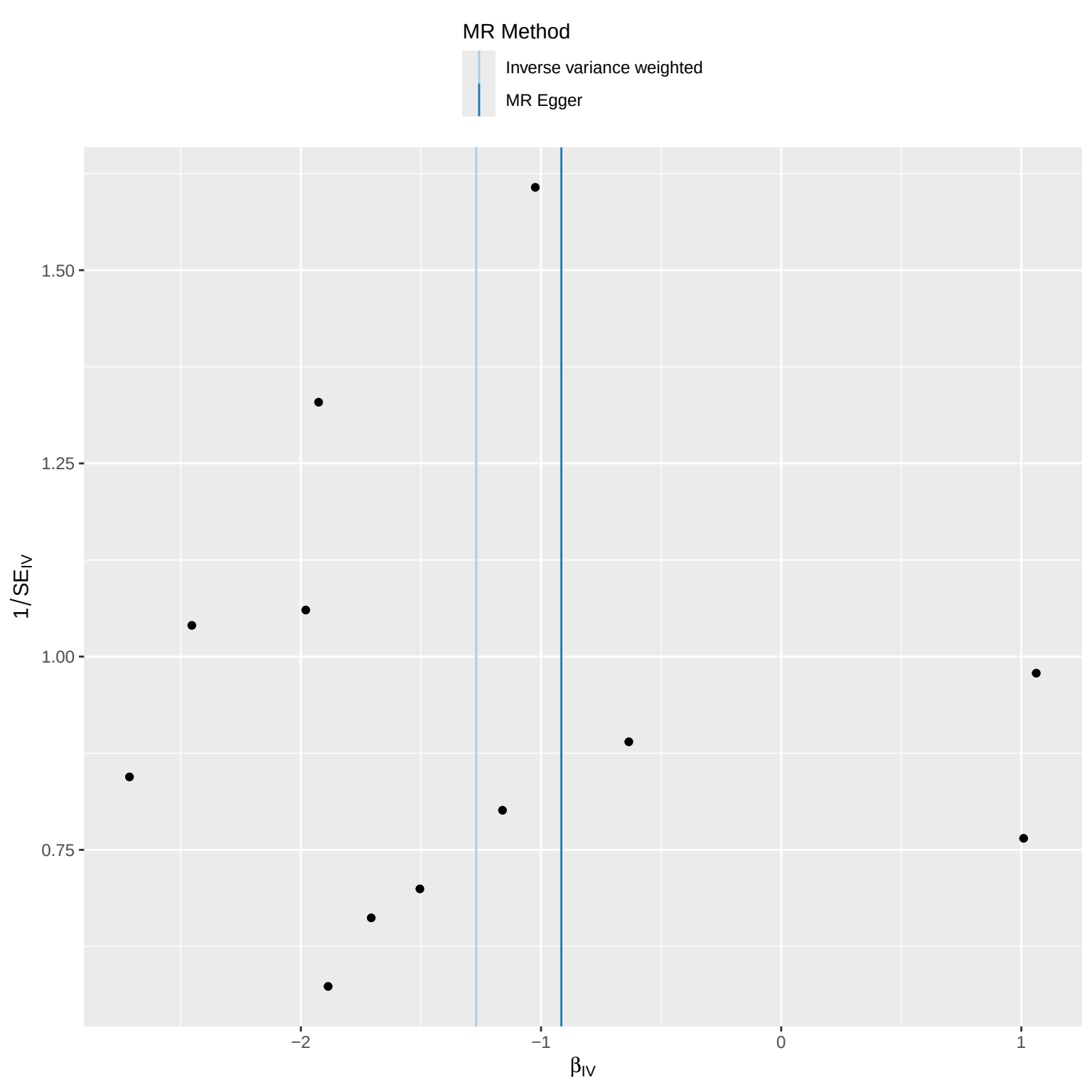

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

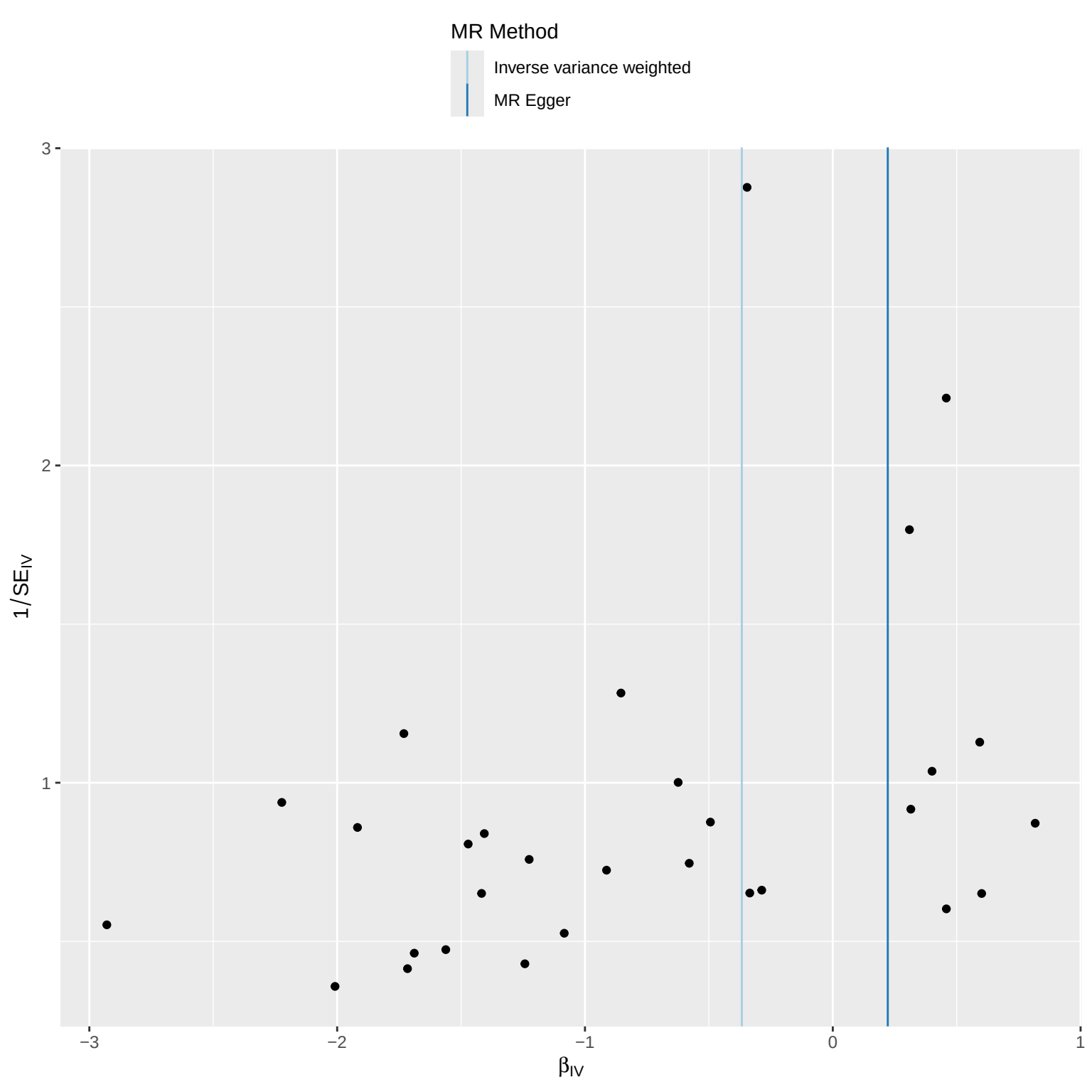

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0
1
2
3
β_IV

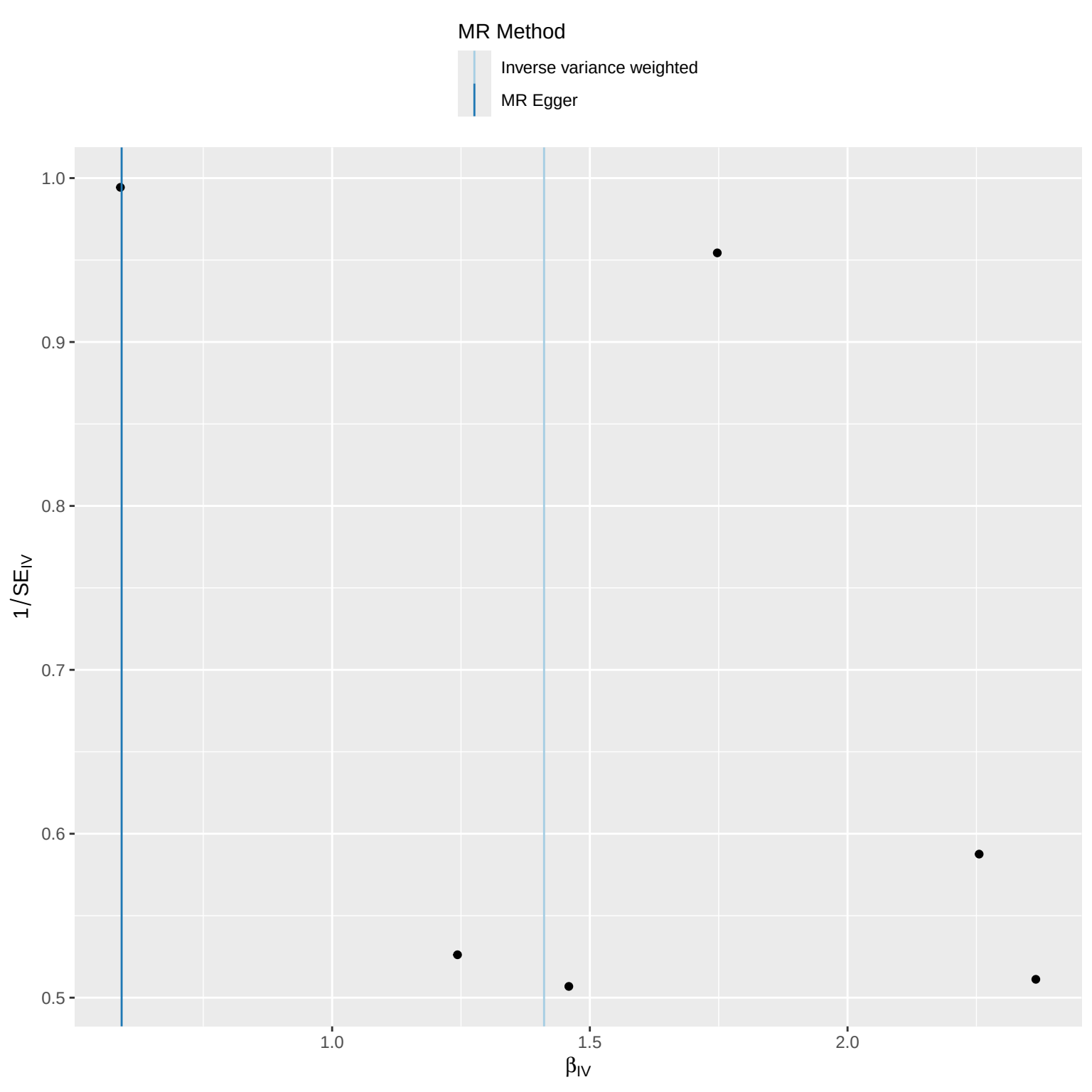

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0
1
2
β_IV

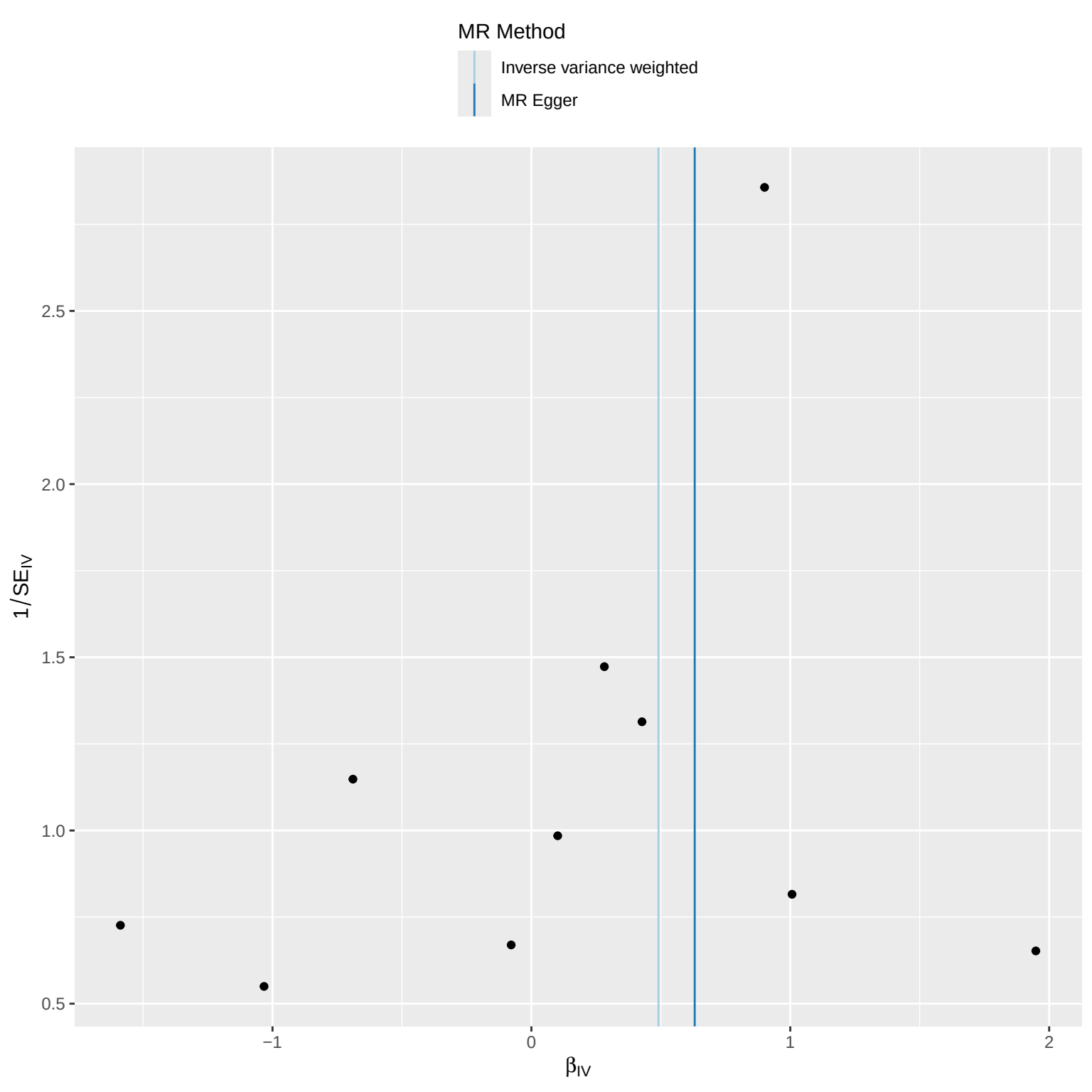

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
6
β_IV

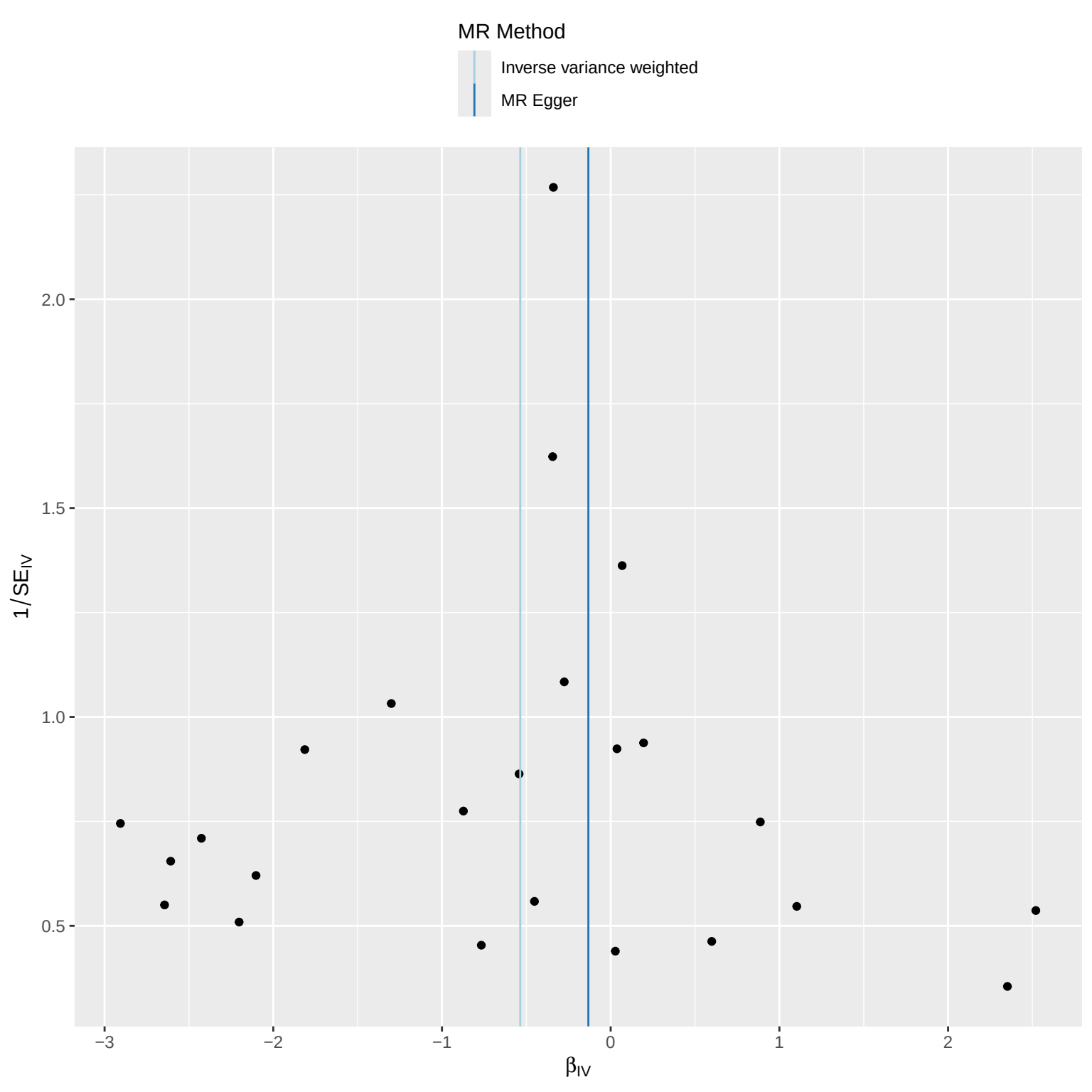

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
0
3
β_IV

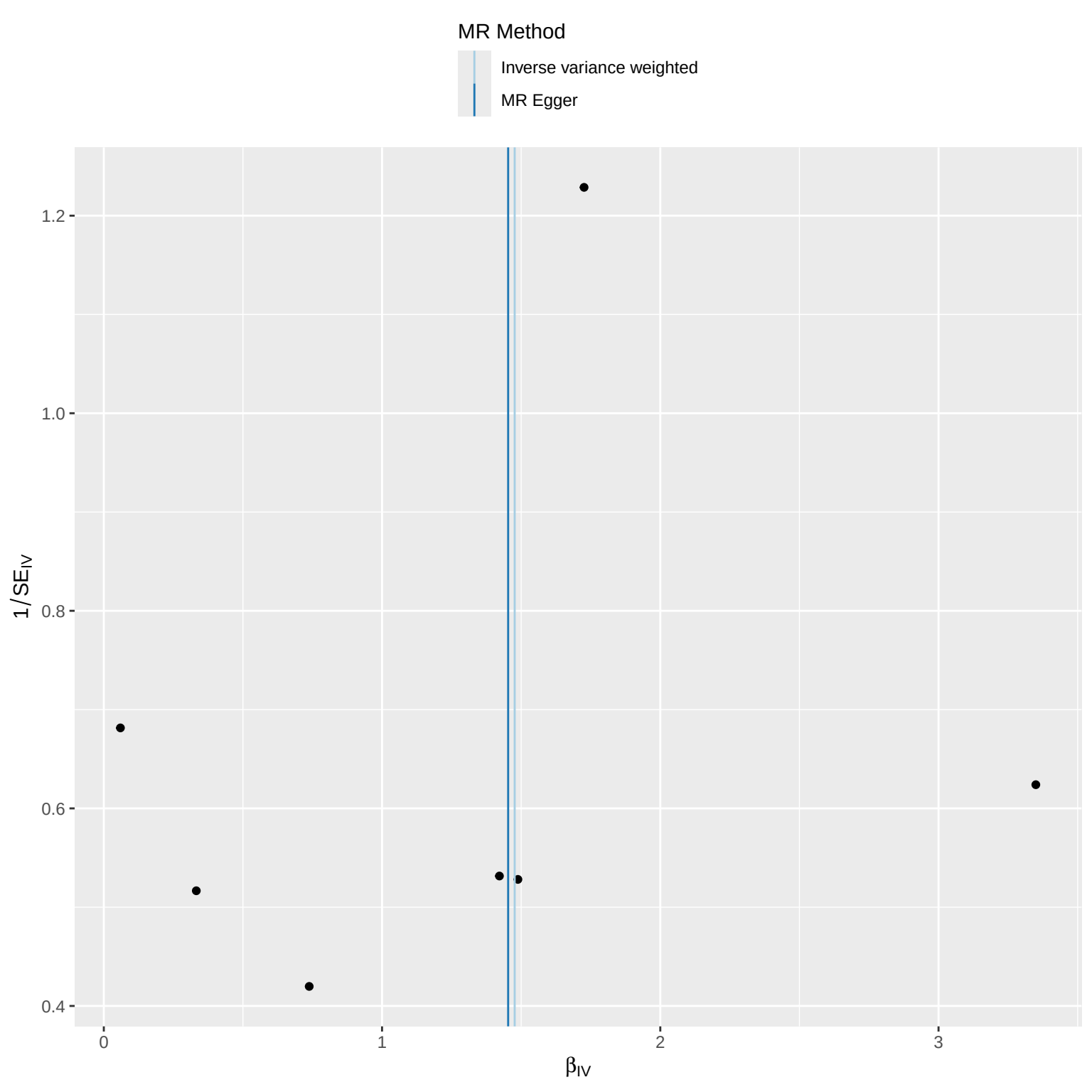

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
1
β_IV

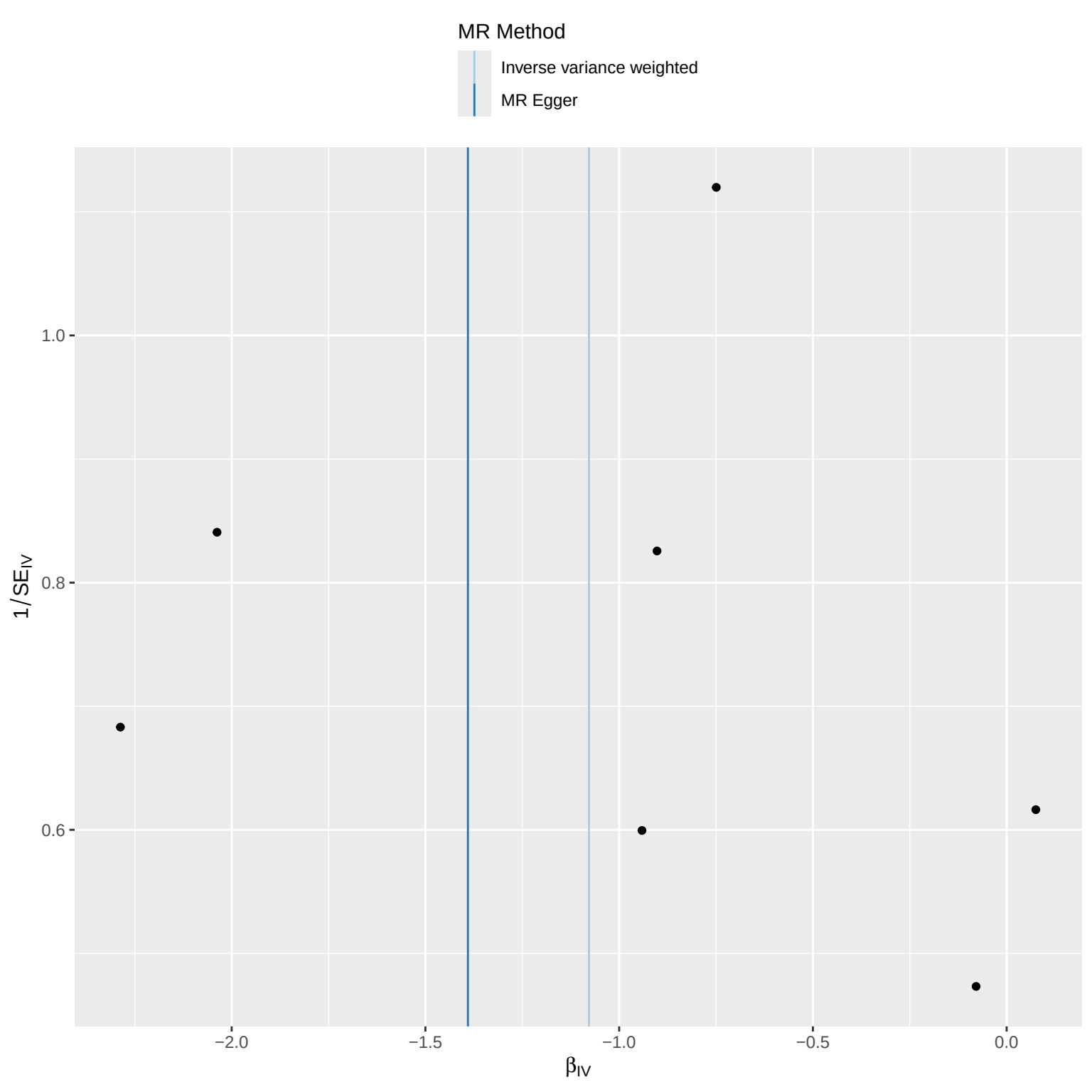

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

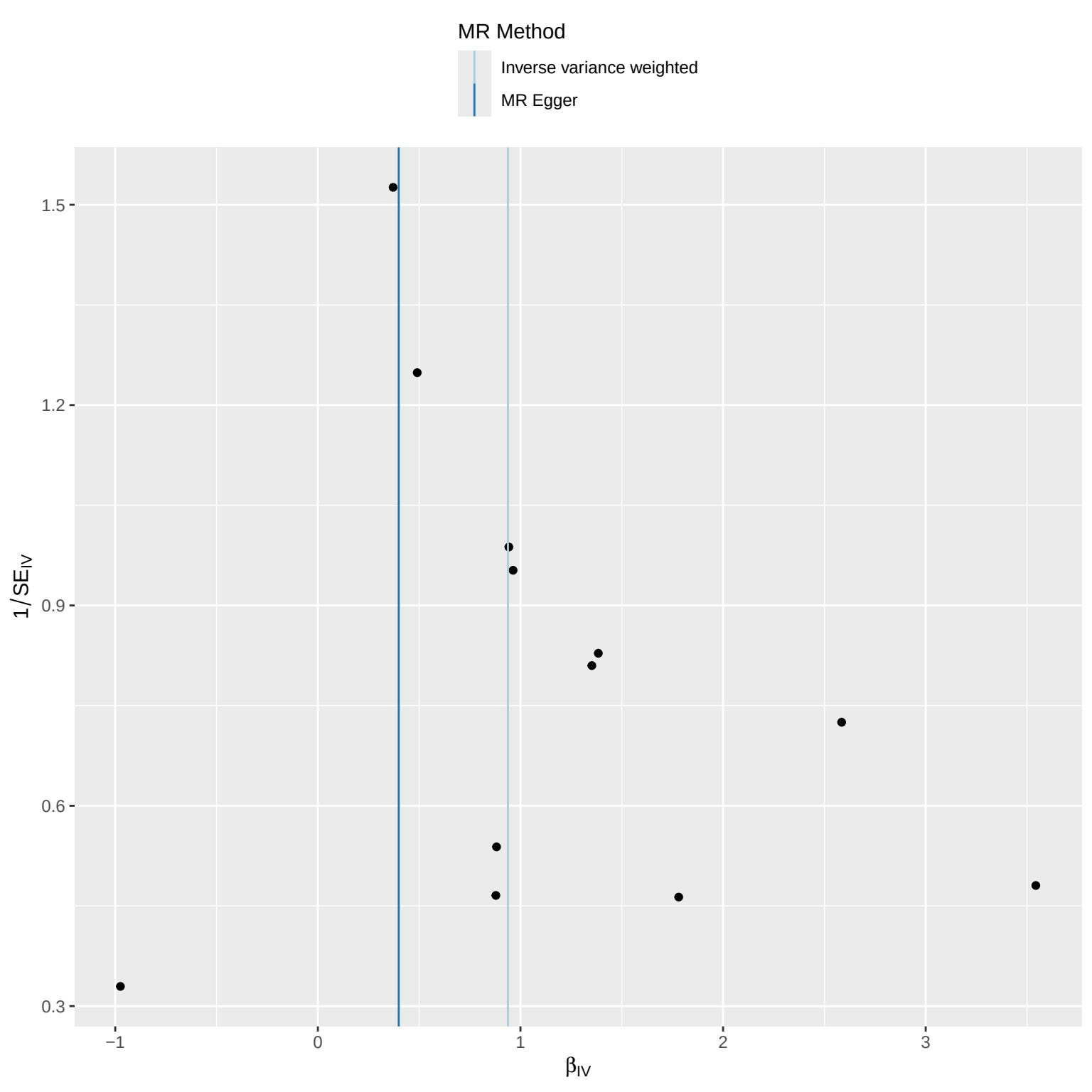

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
0.5
1/SE_IV
1.0
1.5
2.0
β_IV

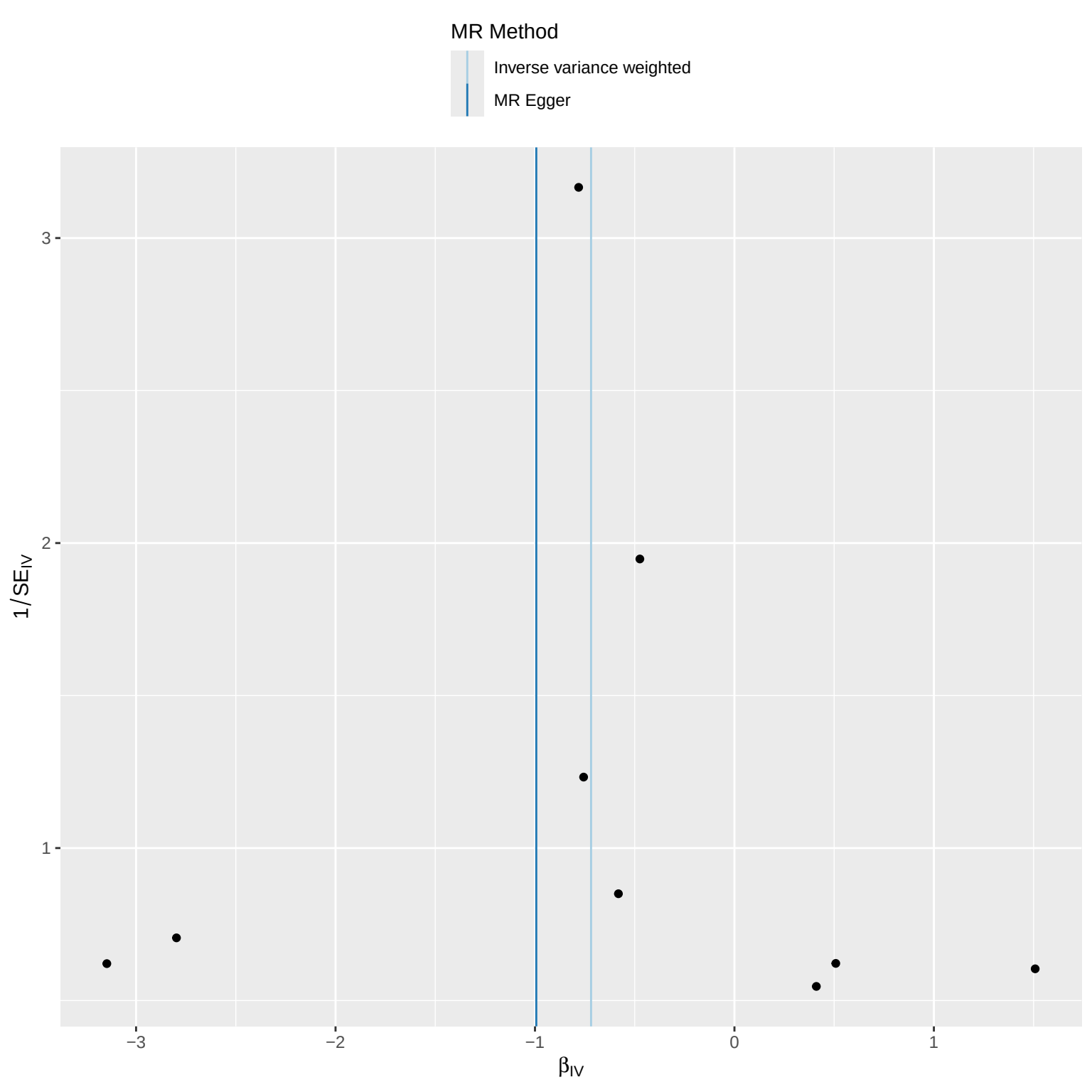

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

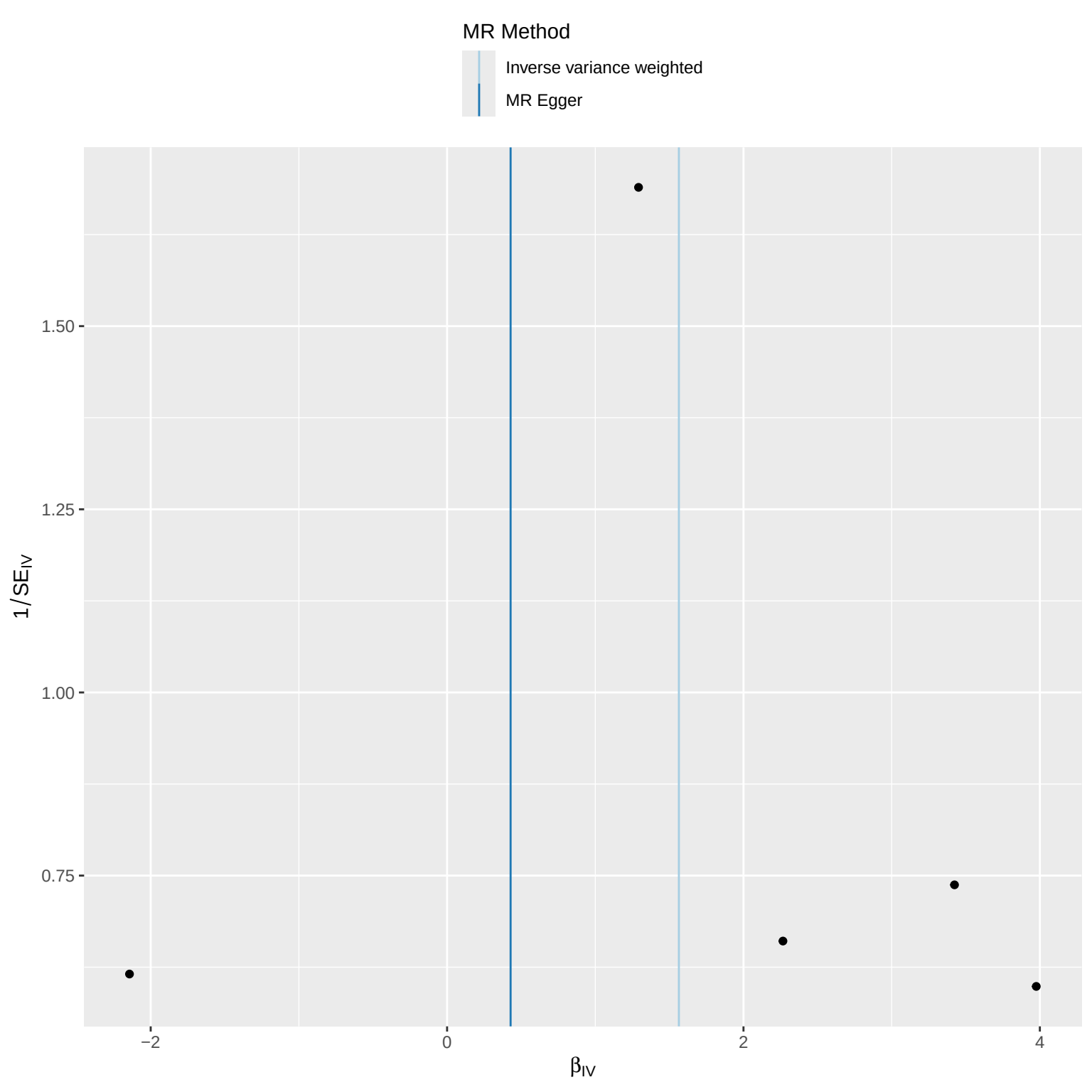

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

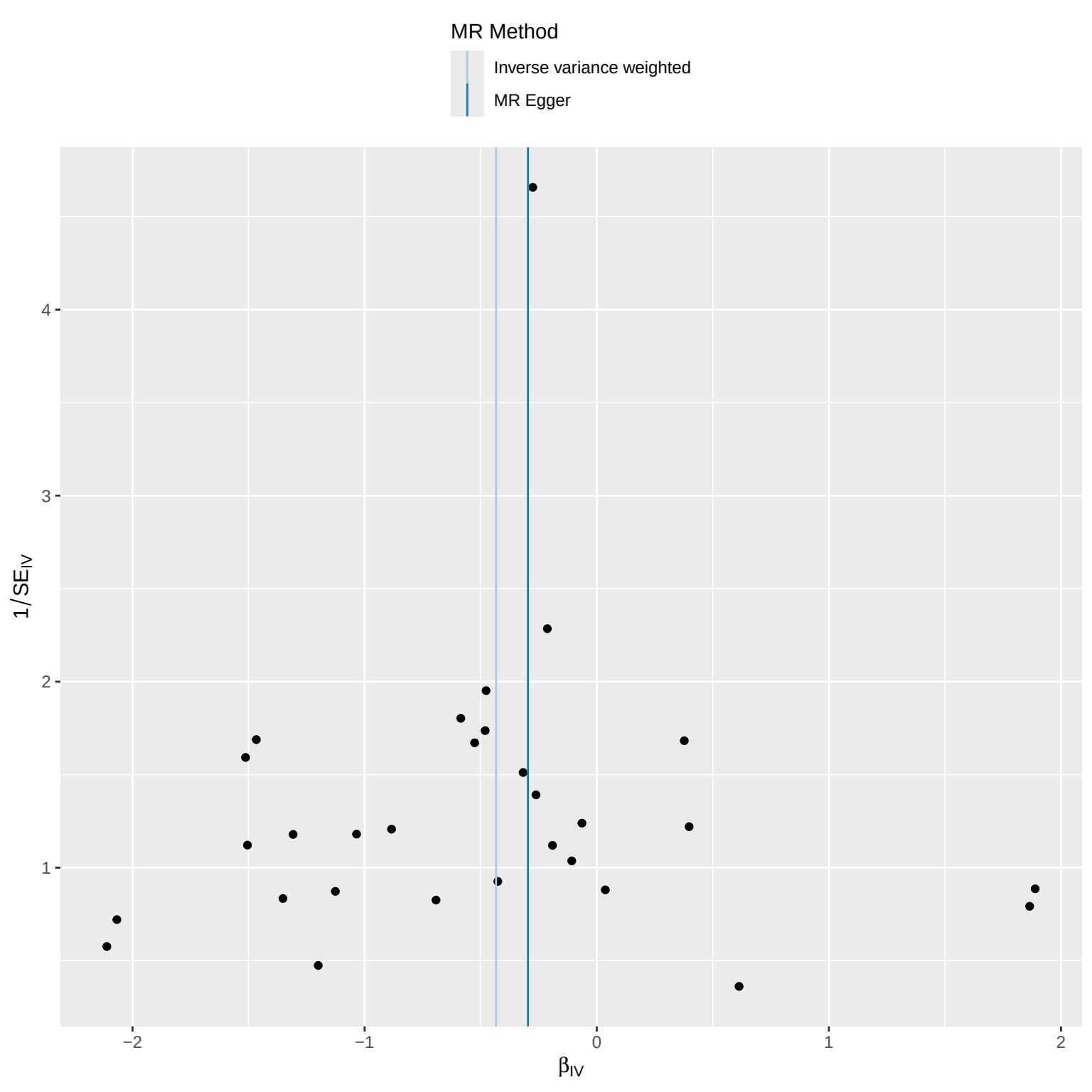

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
β_IV

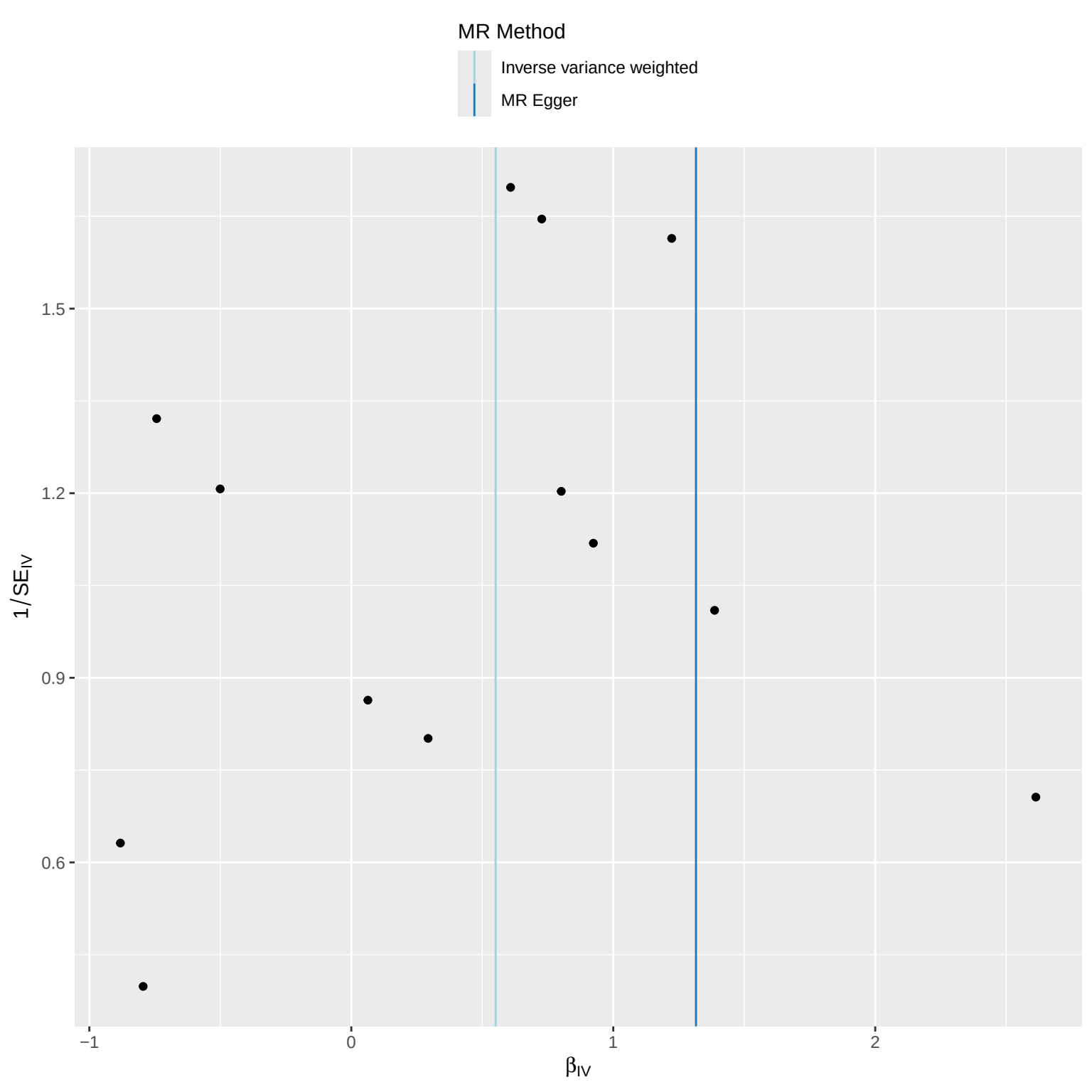

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

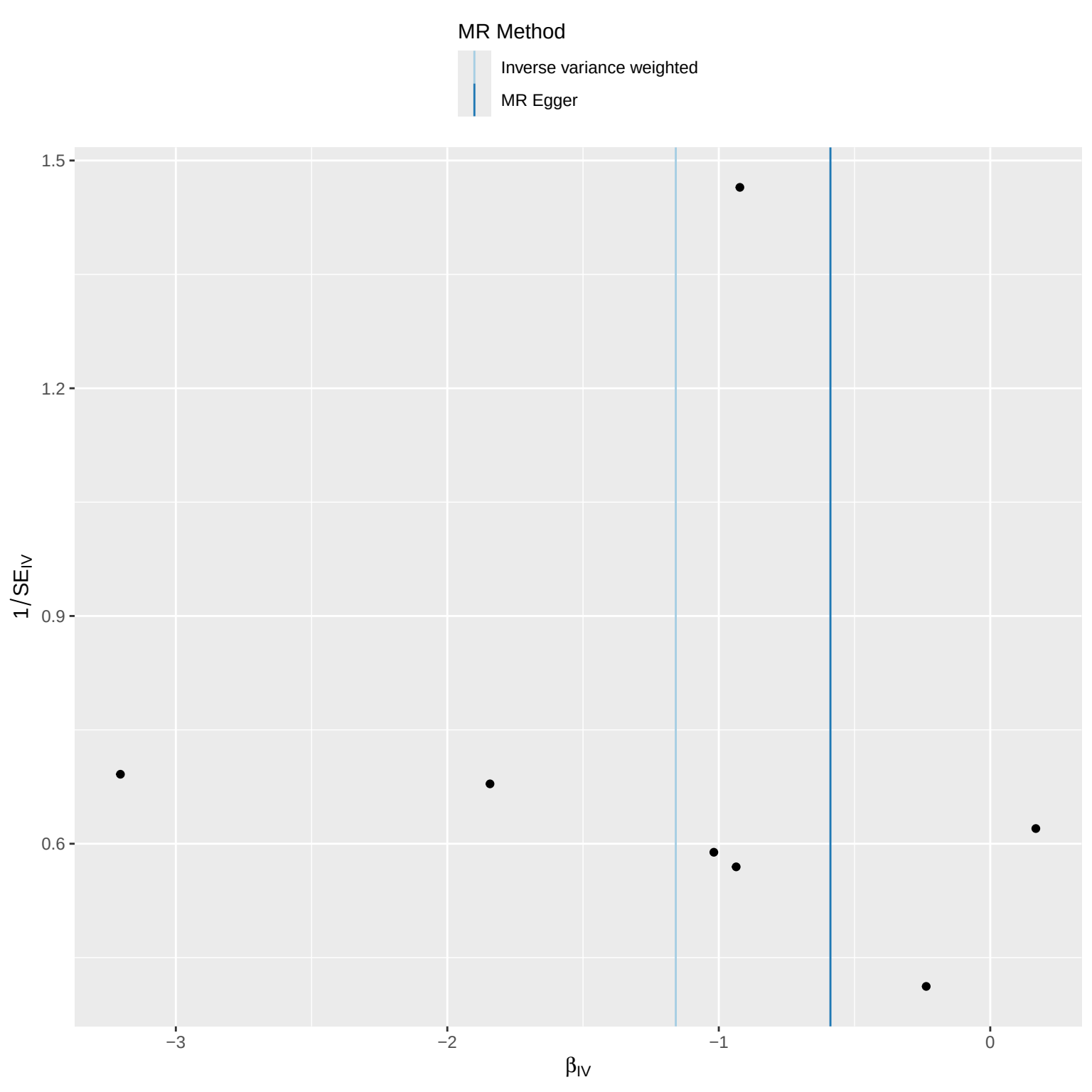

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−1
0
1
2
3
β_IV

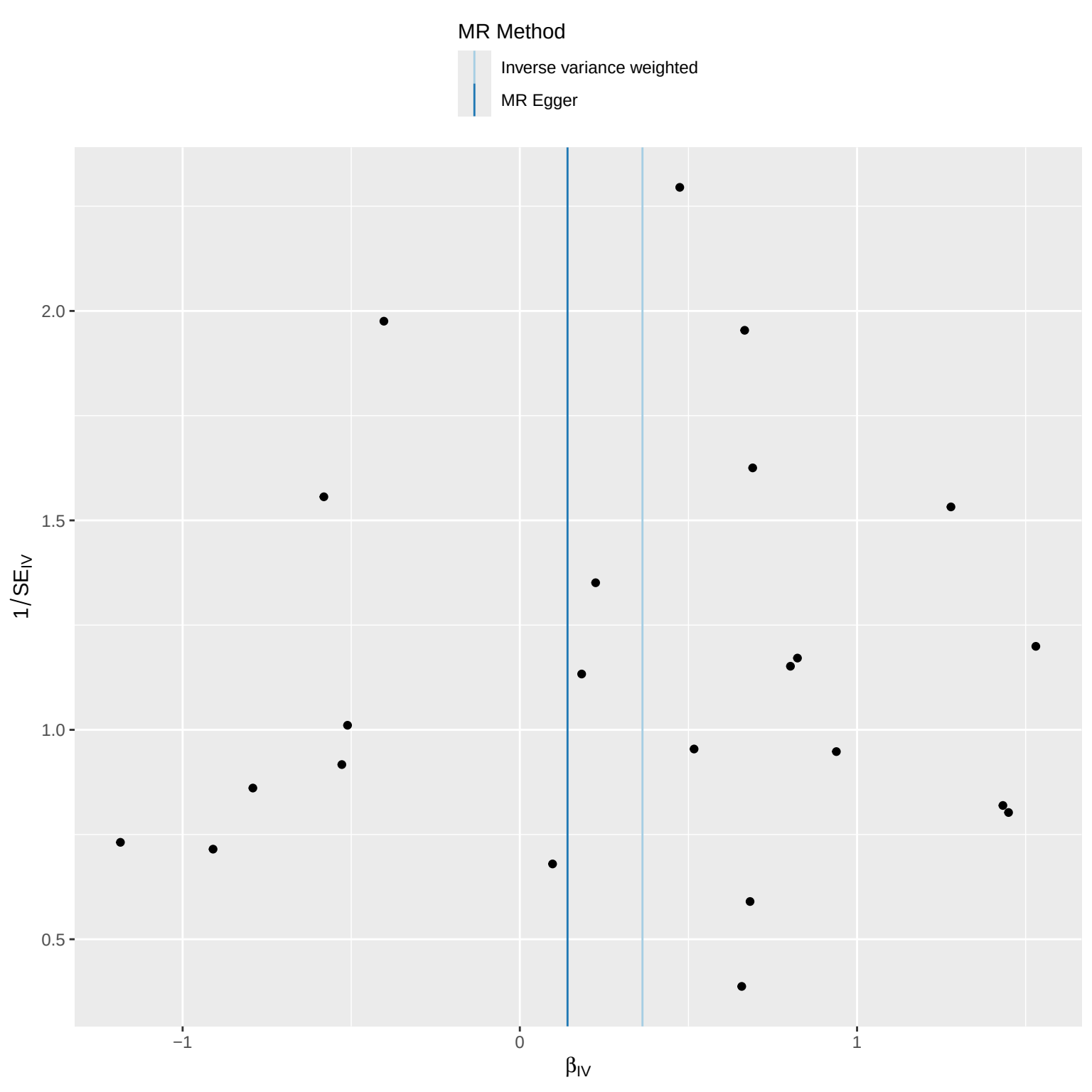

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

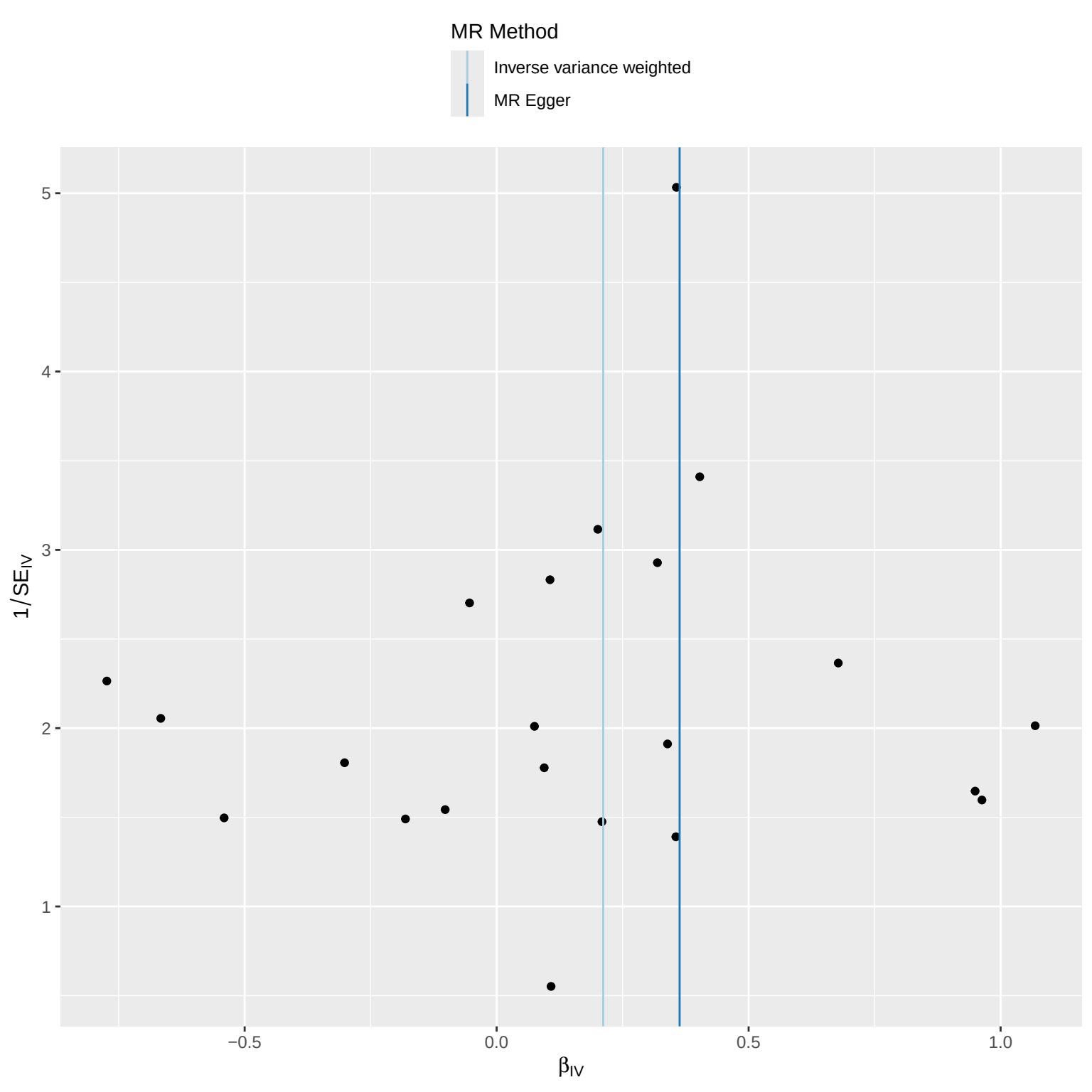

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2
0
2
4
β_IV

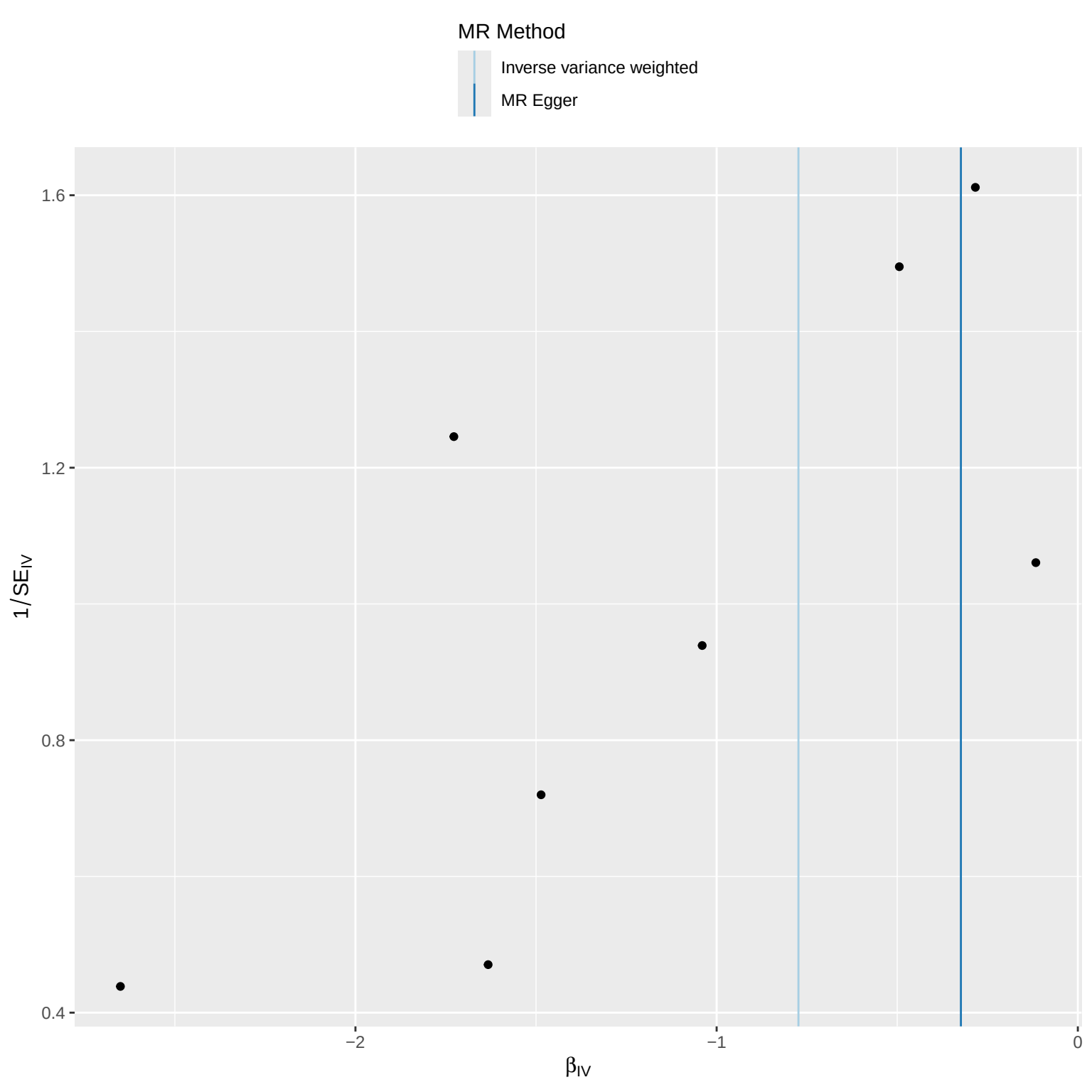

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

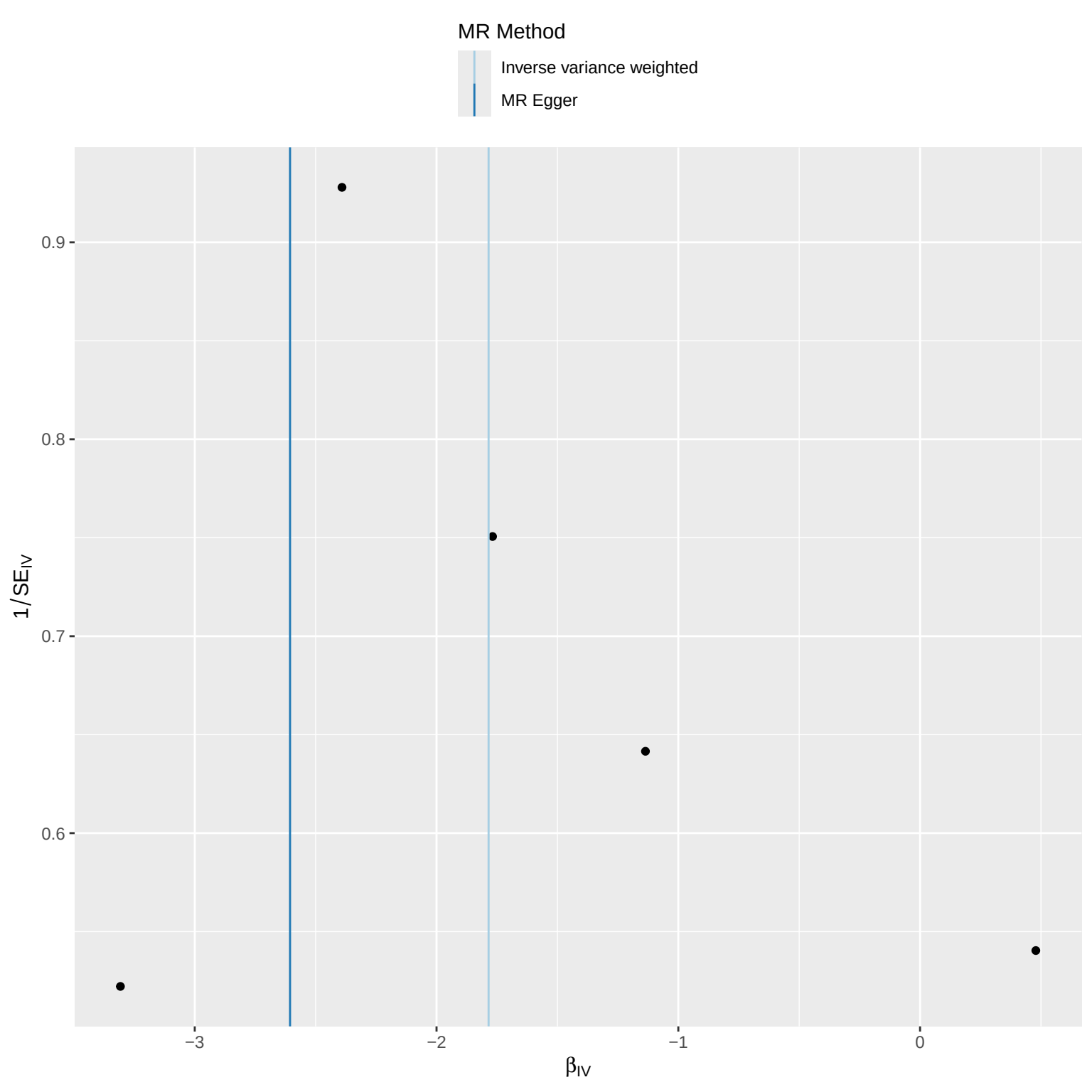

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
β_IV

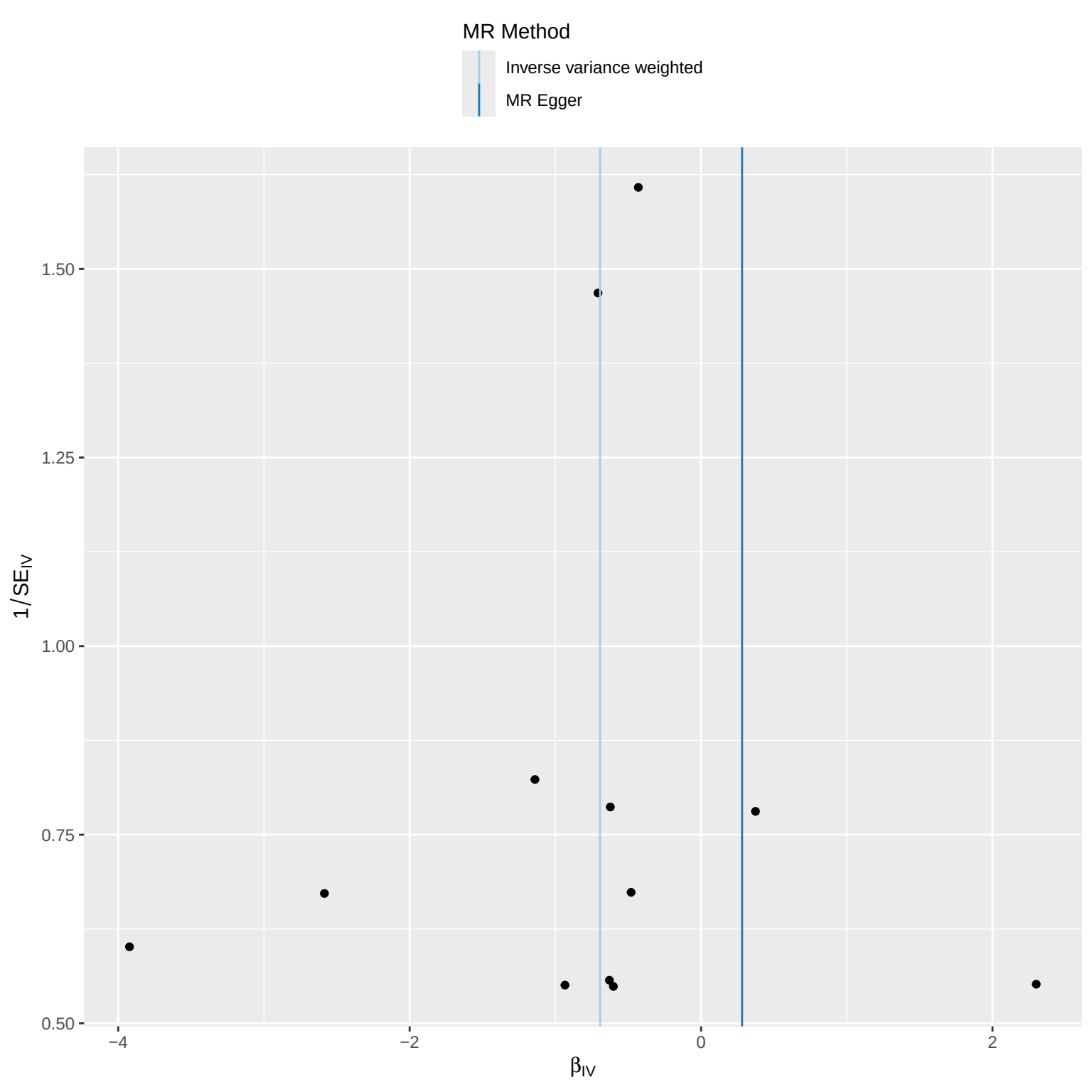

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
β_IV

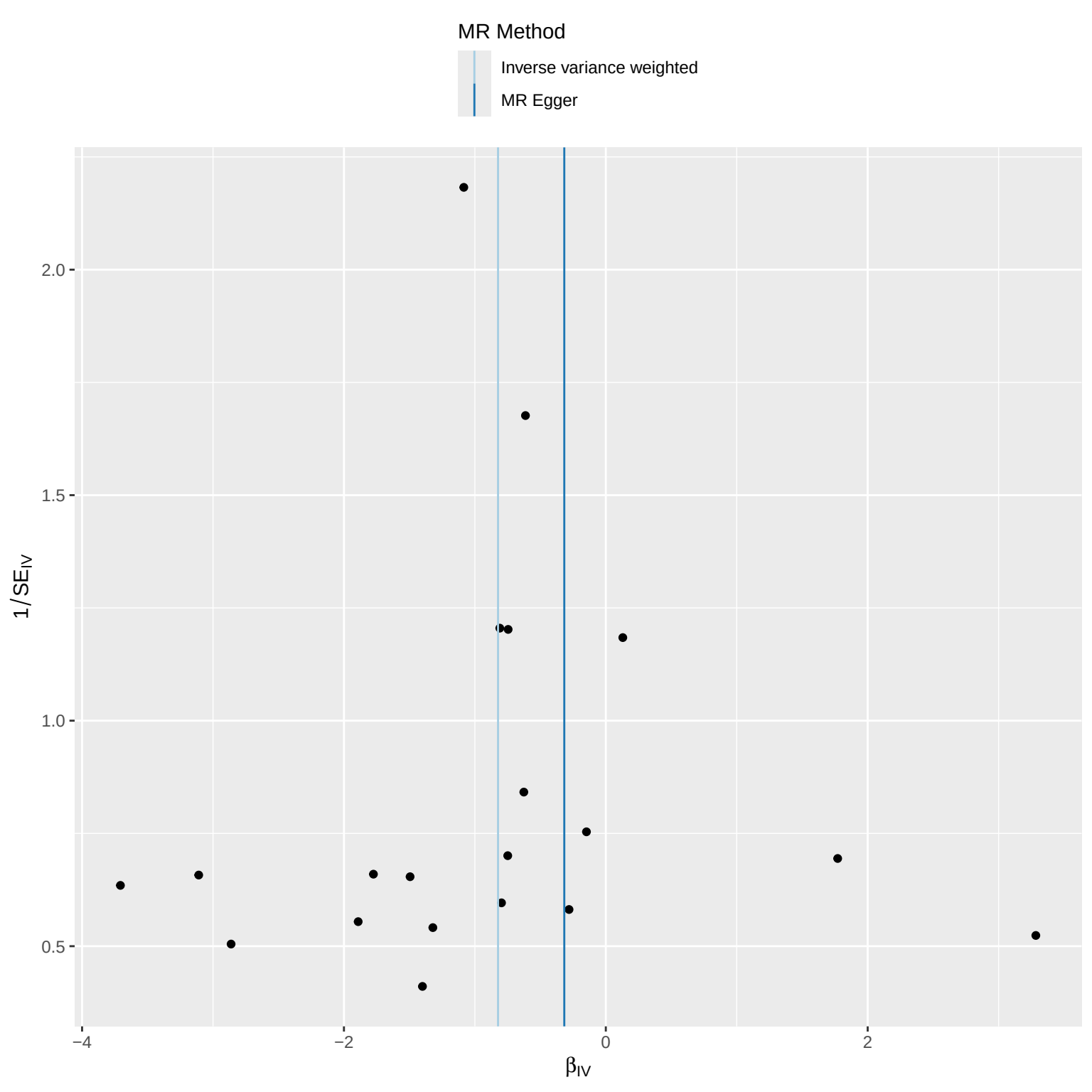

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
β_IV

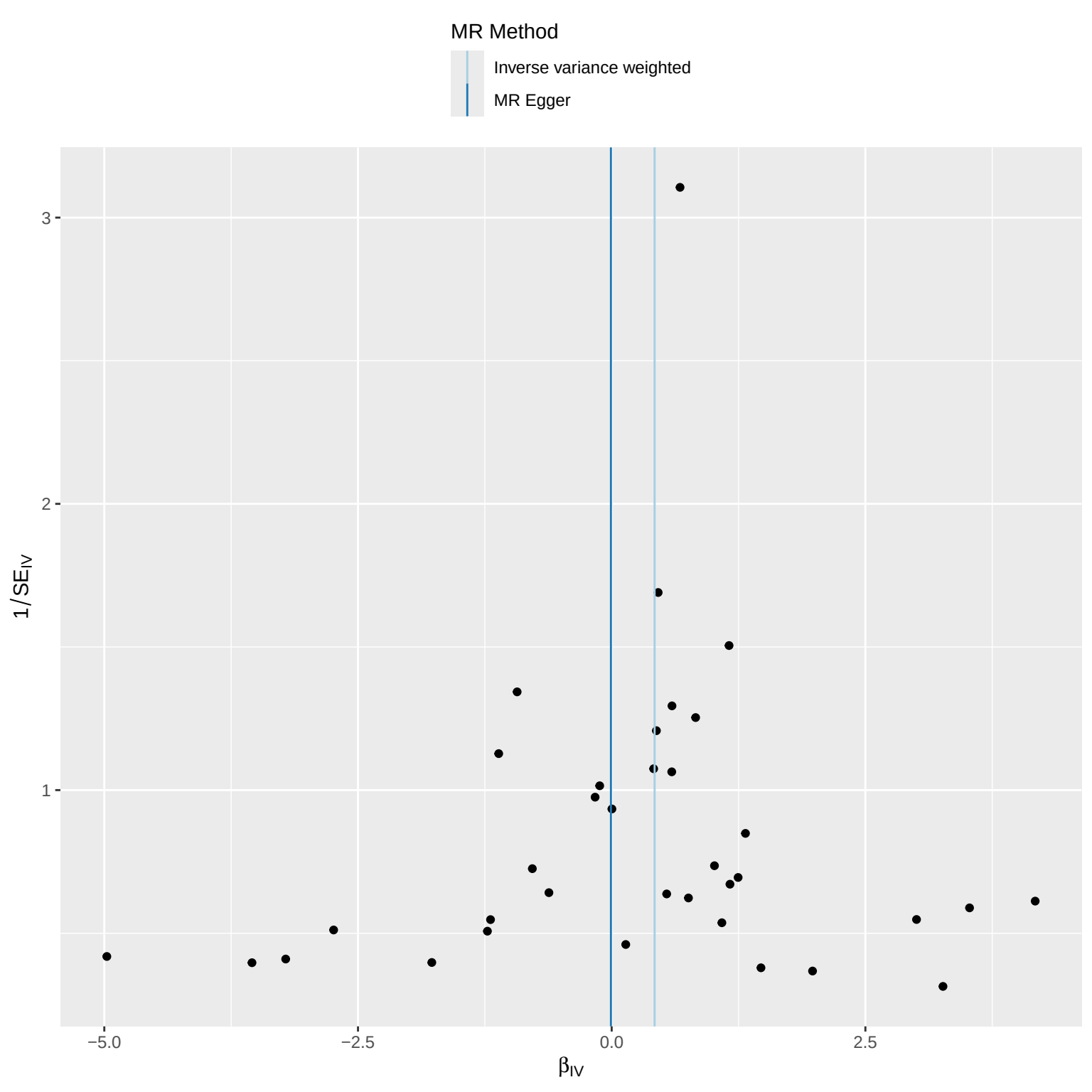

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

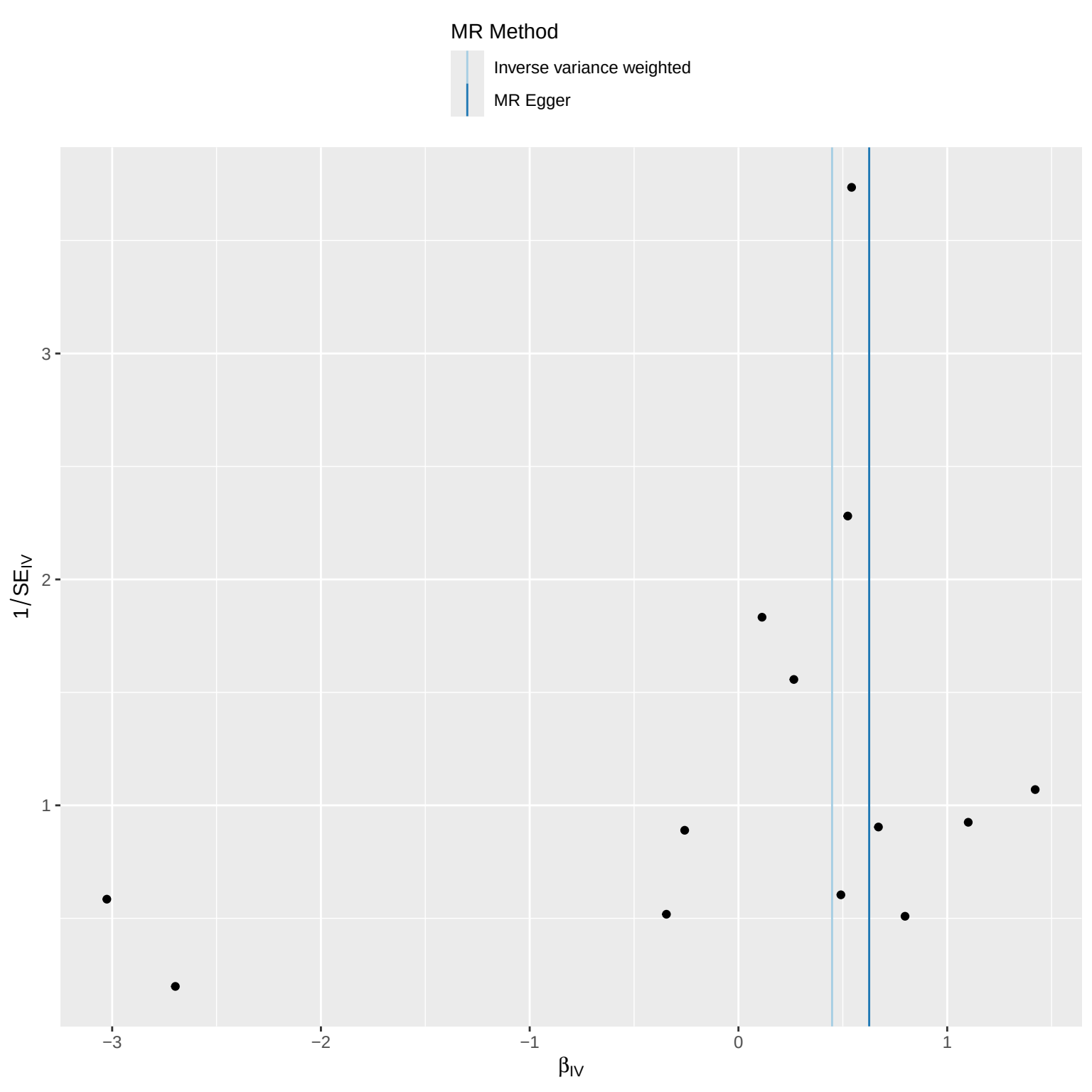

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
β_IV

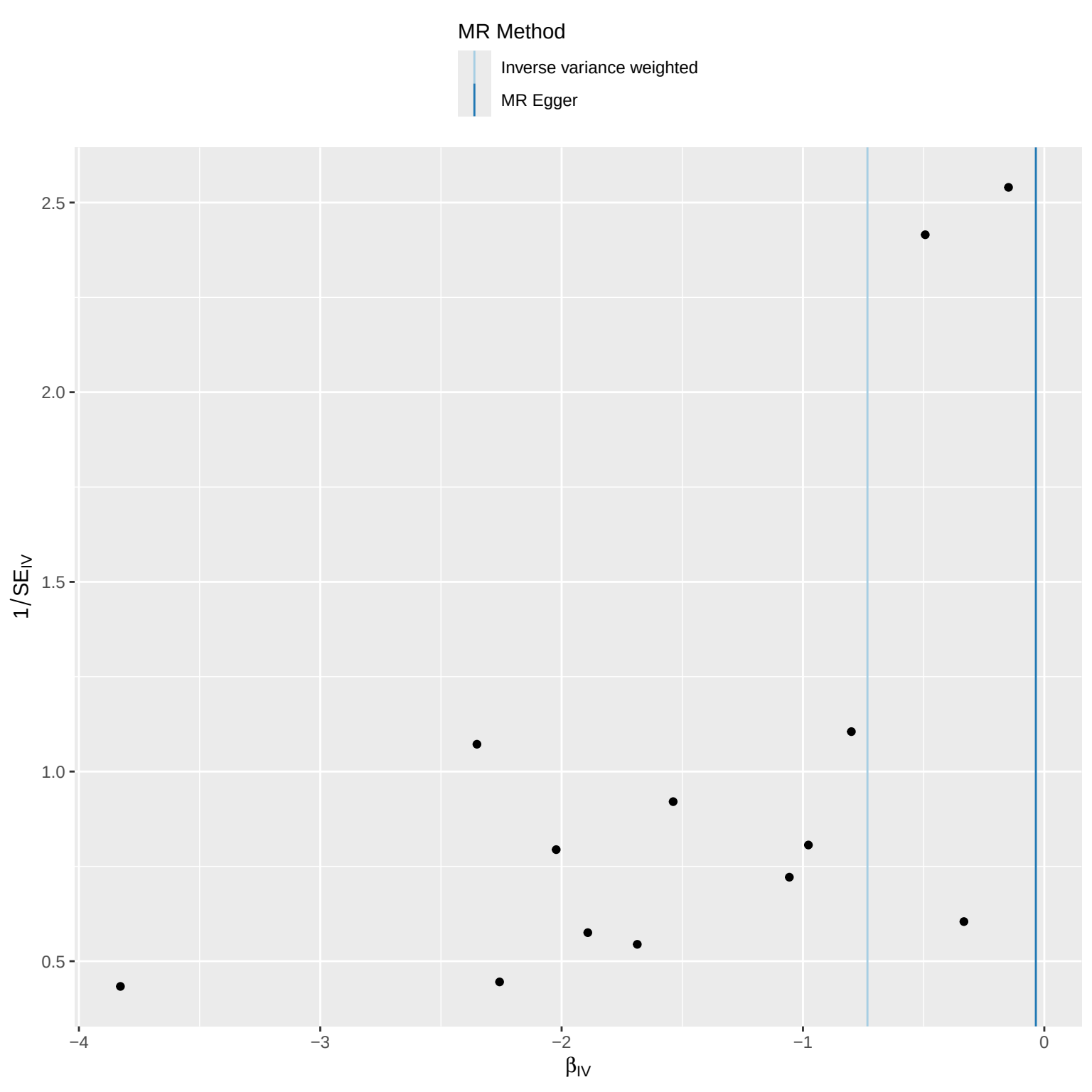

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
1/SE_IV
−3
−2
−1
0
β_IV

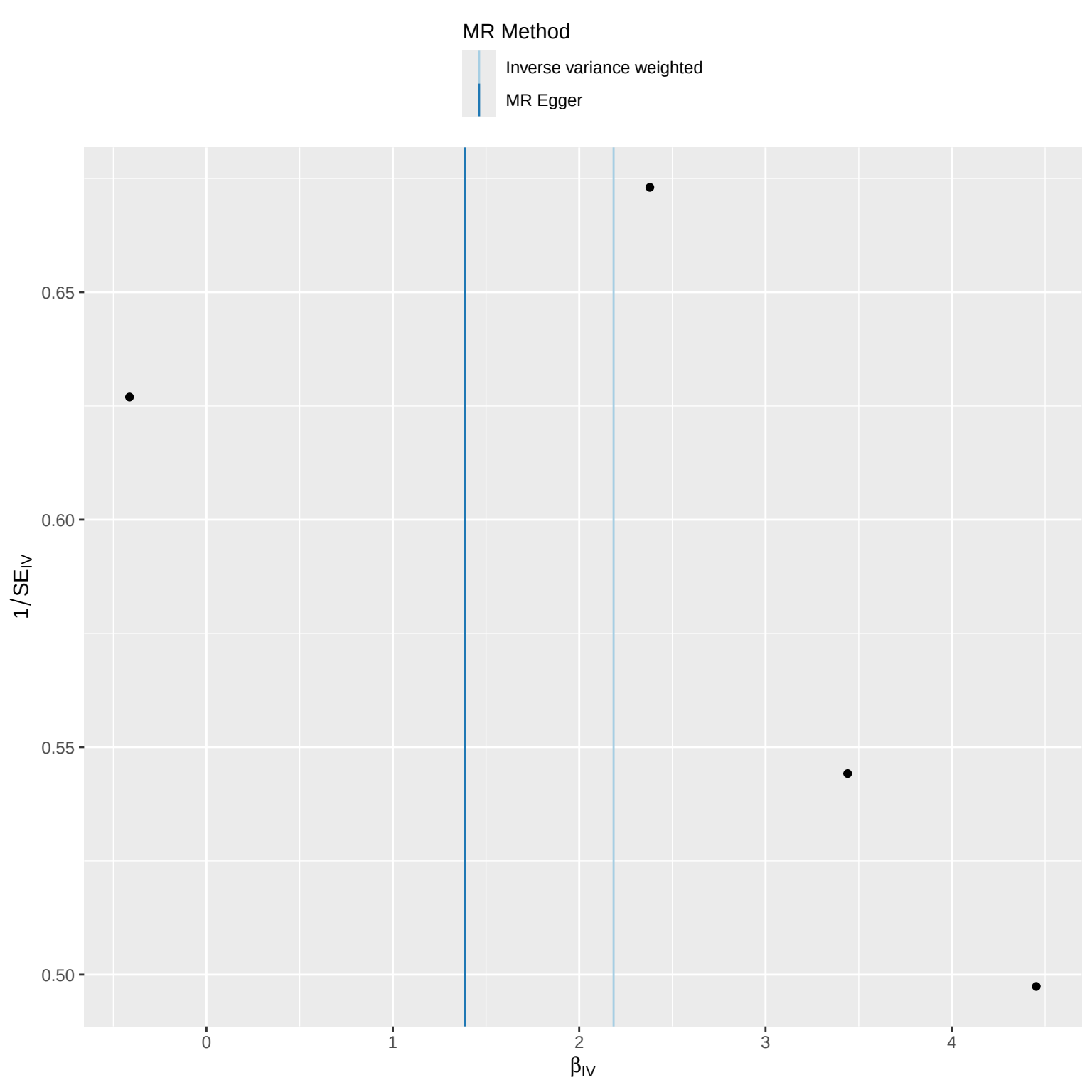

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−4
−2
0
2
β_IV

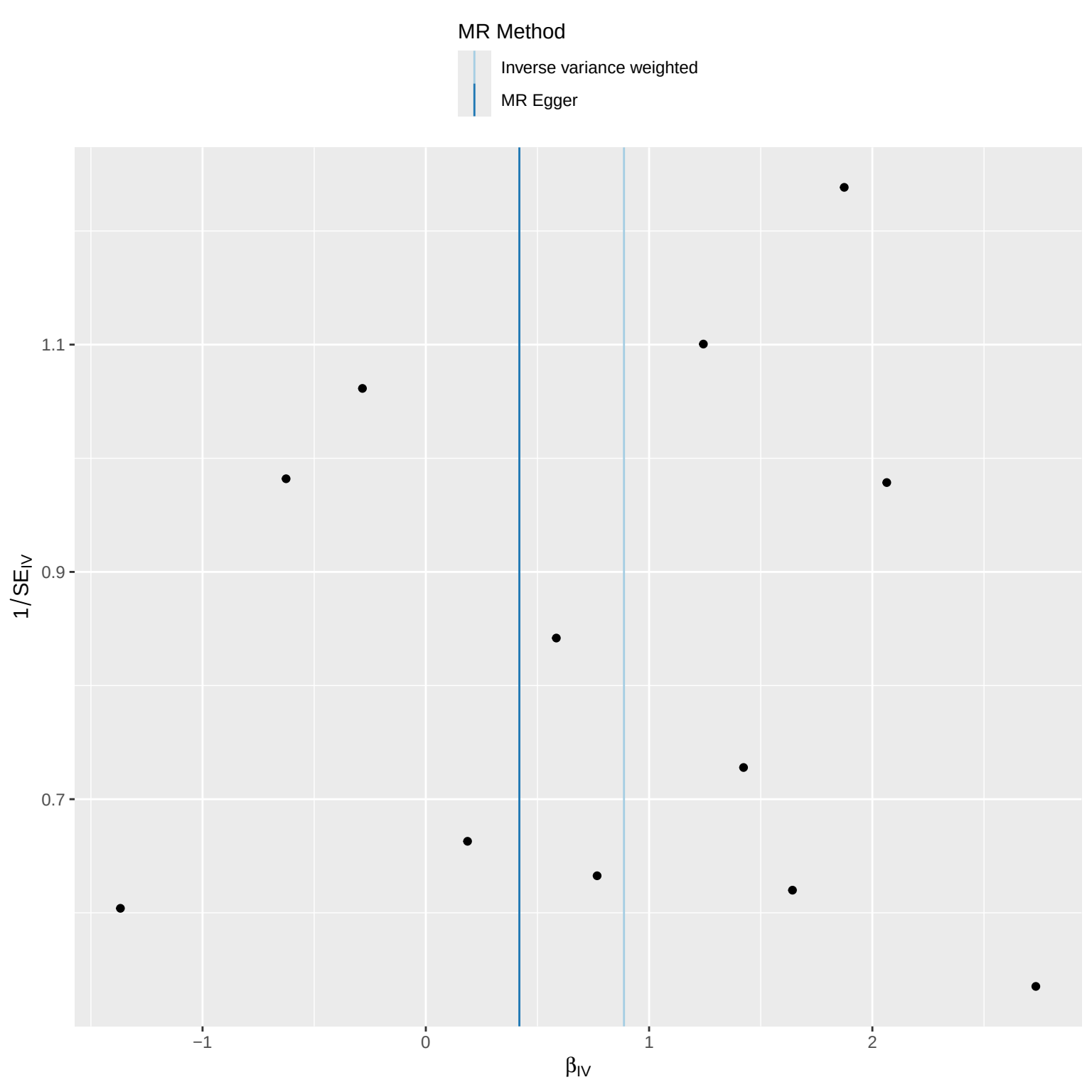

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

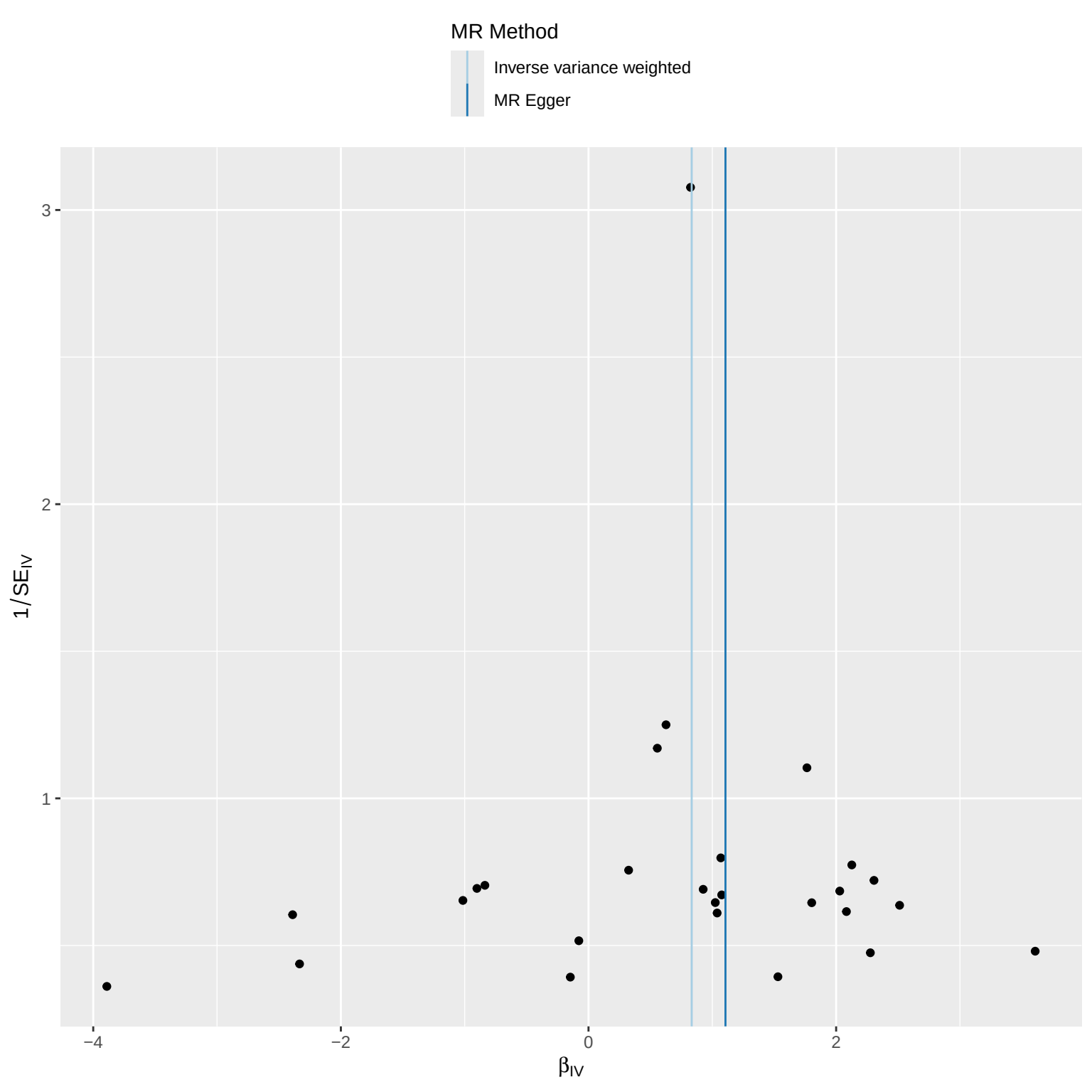

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

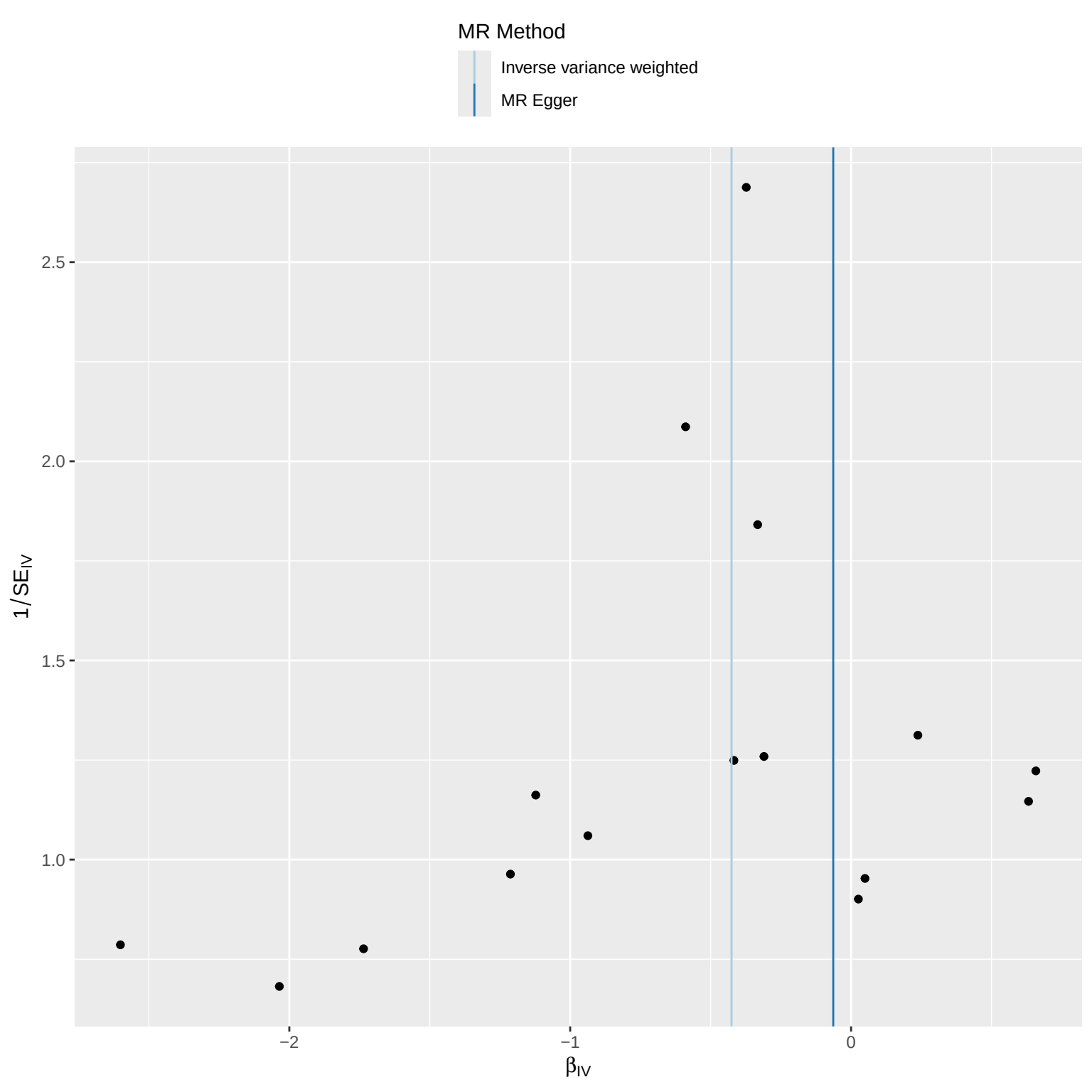

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

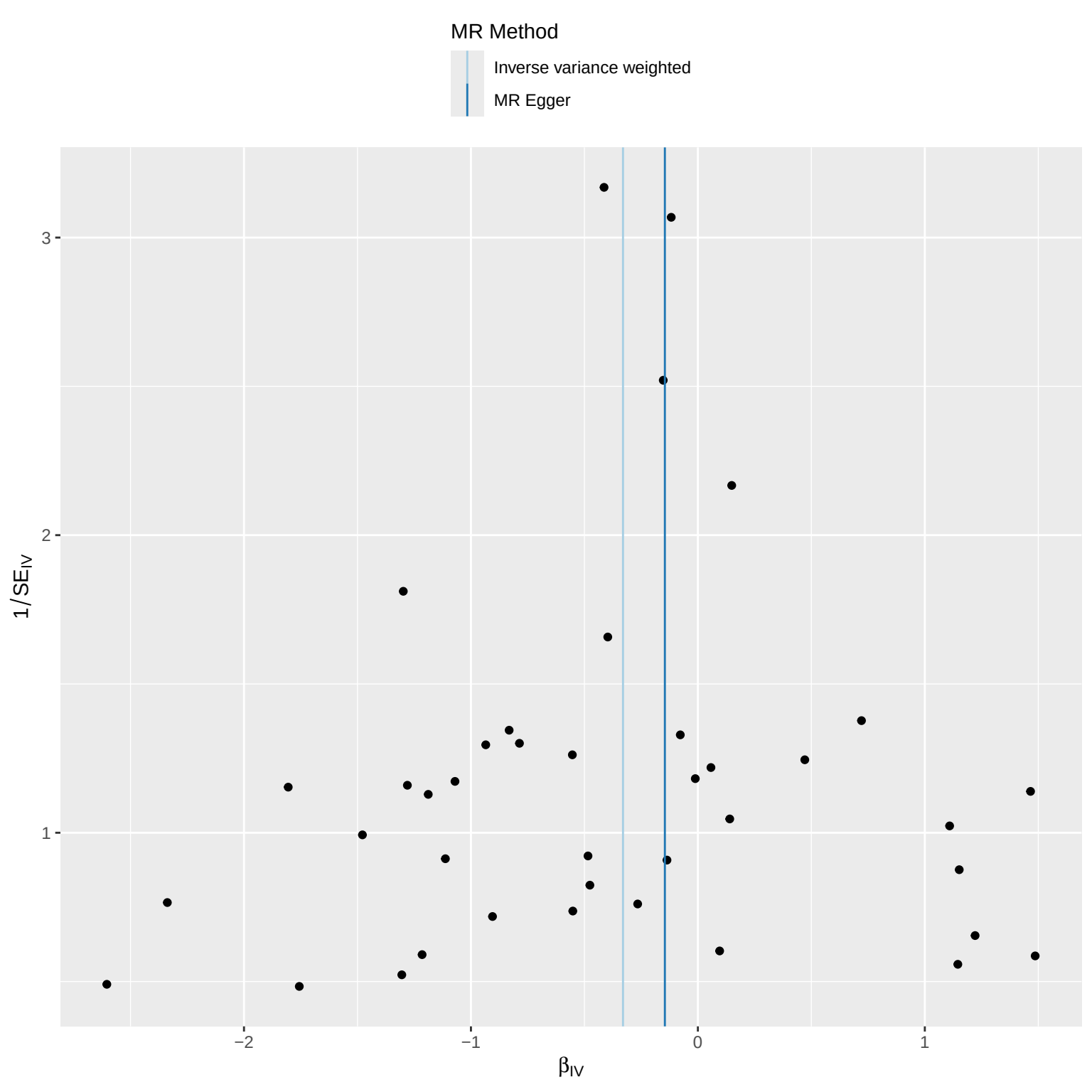

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

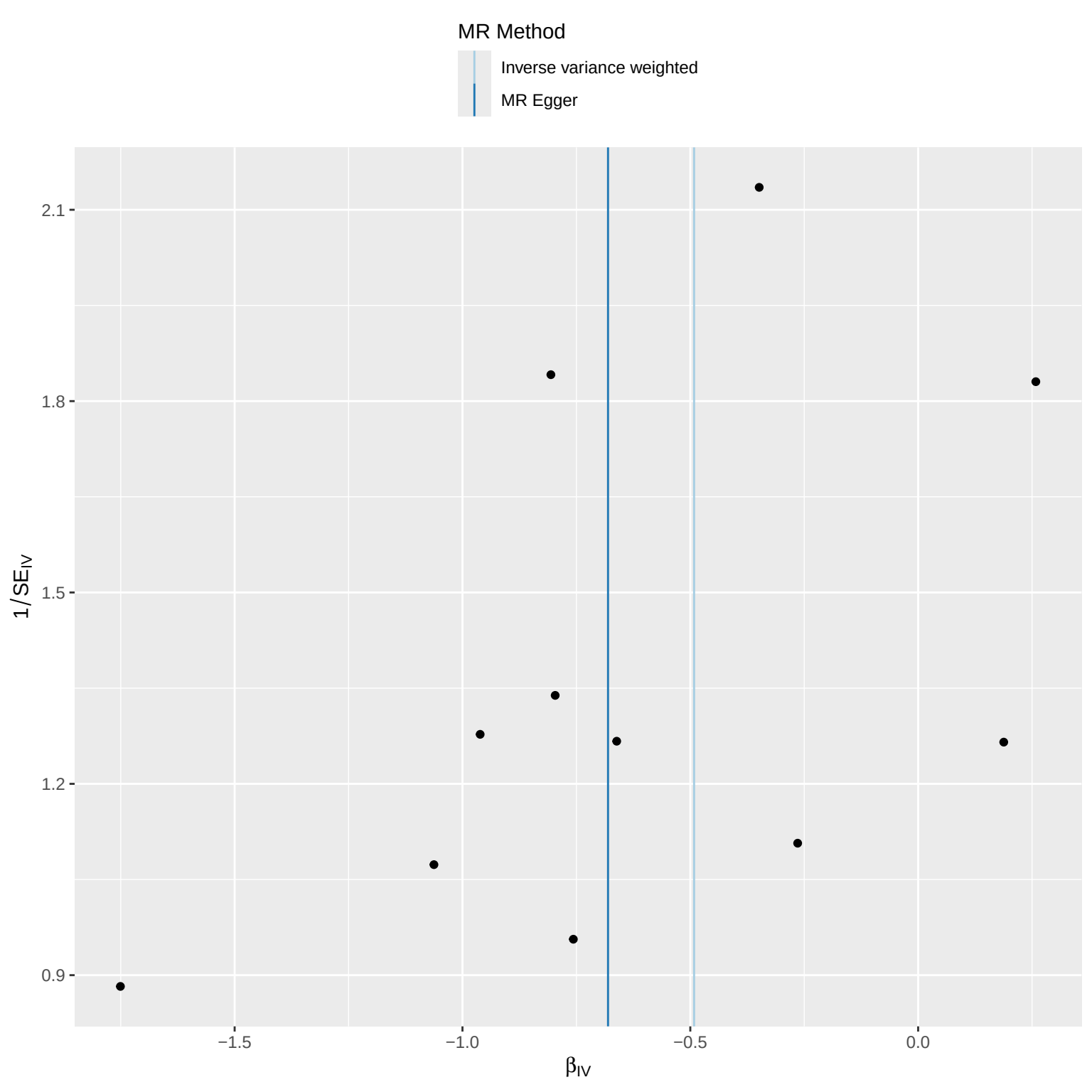

MR Method
Inverse variance weighted
MR Egger
0.65
0.60
0.55
0.50
1/SE_IV
0
1
2
3
4
β_IV

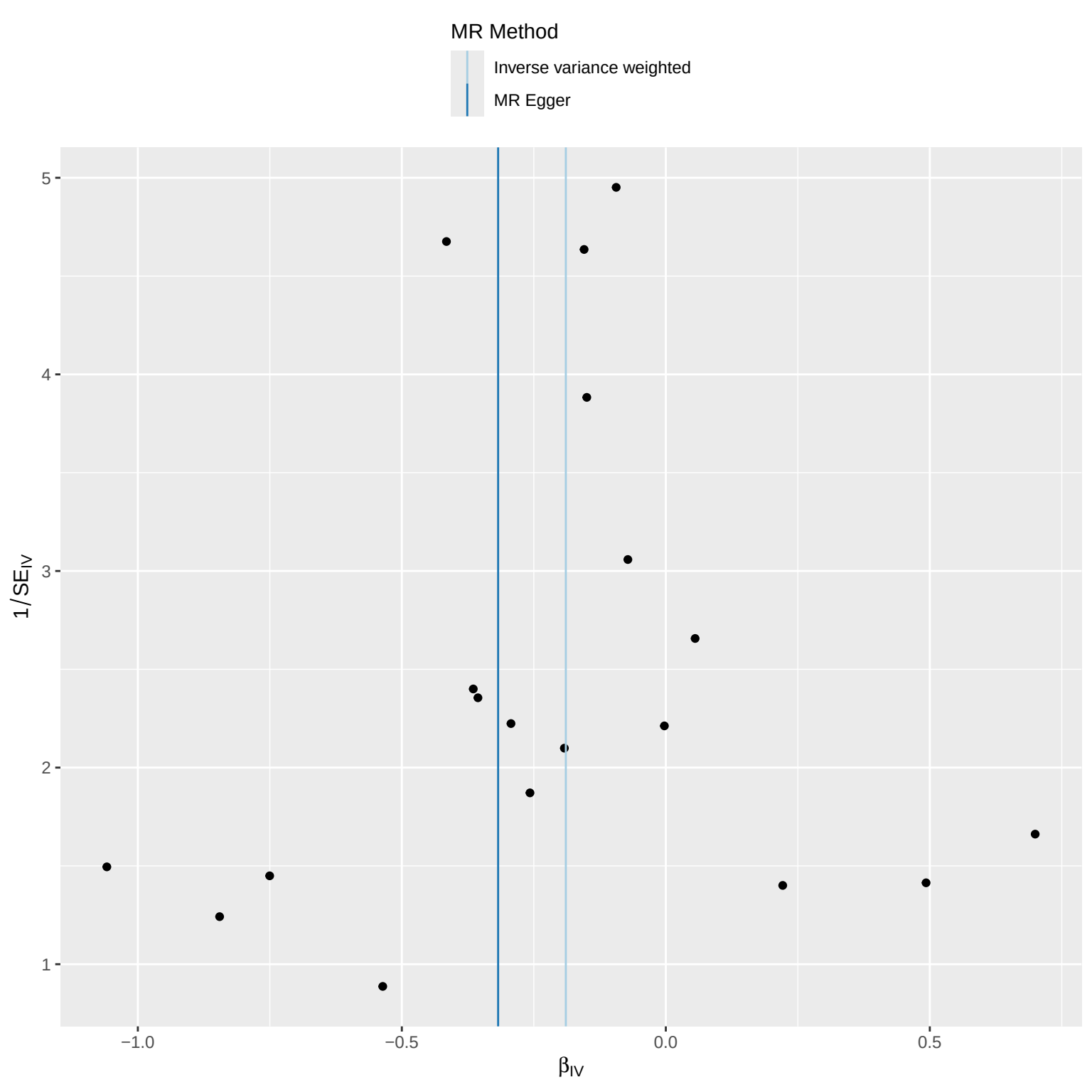

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
1/SE_IV
−1
0
1
2
β_IV

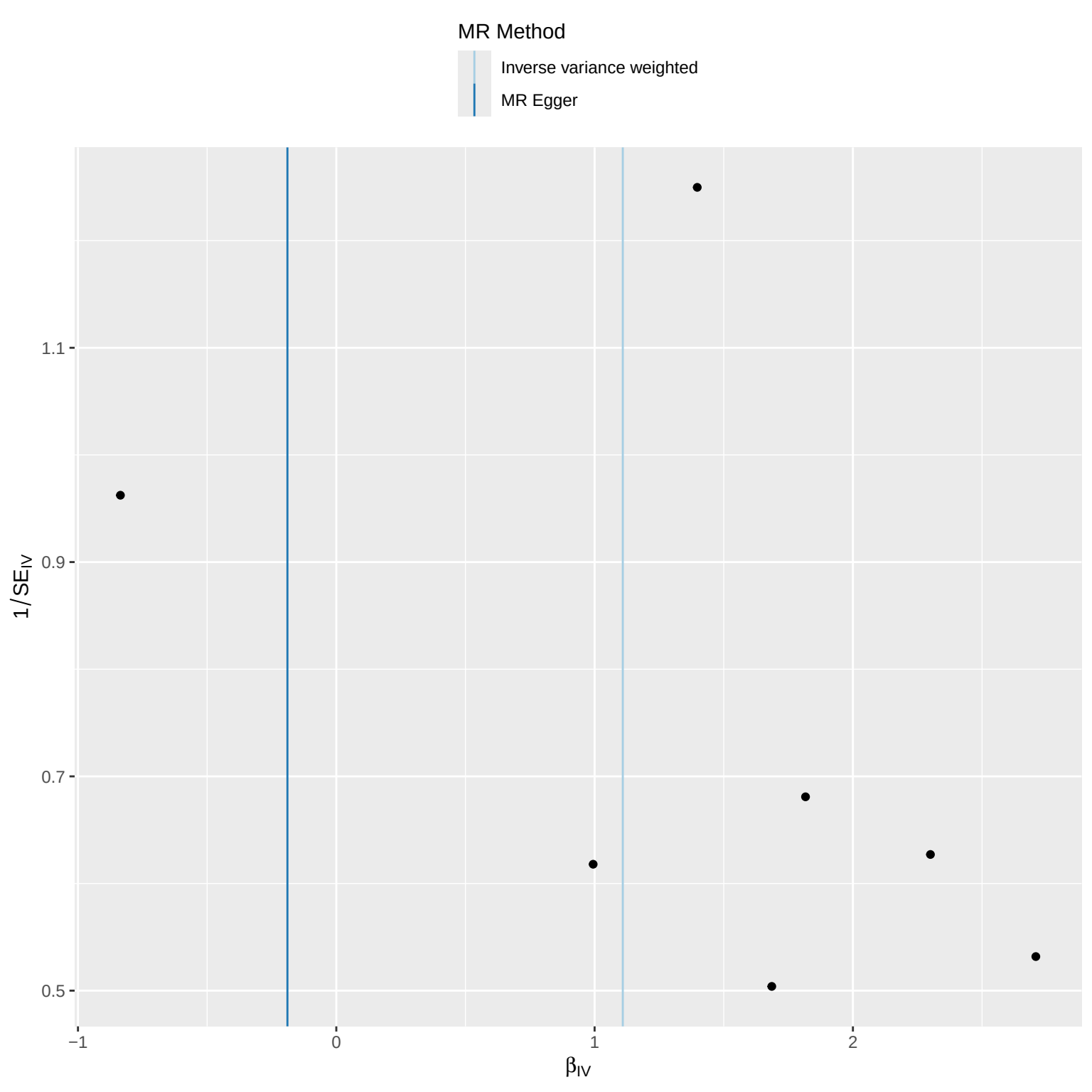

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

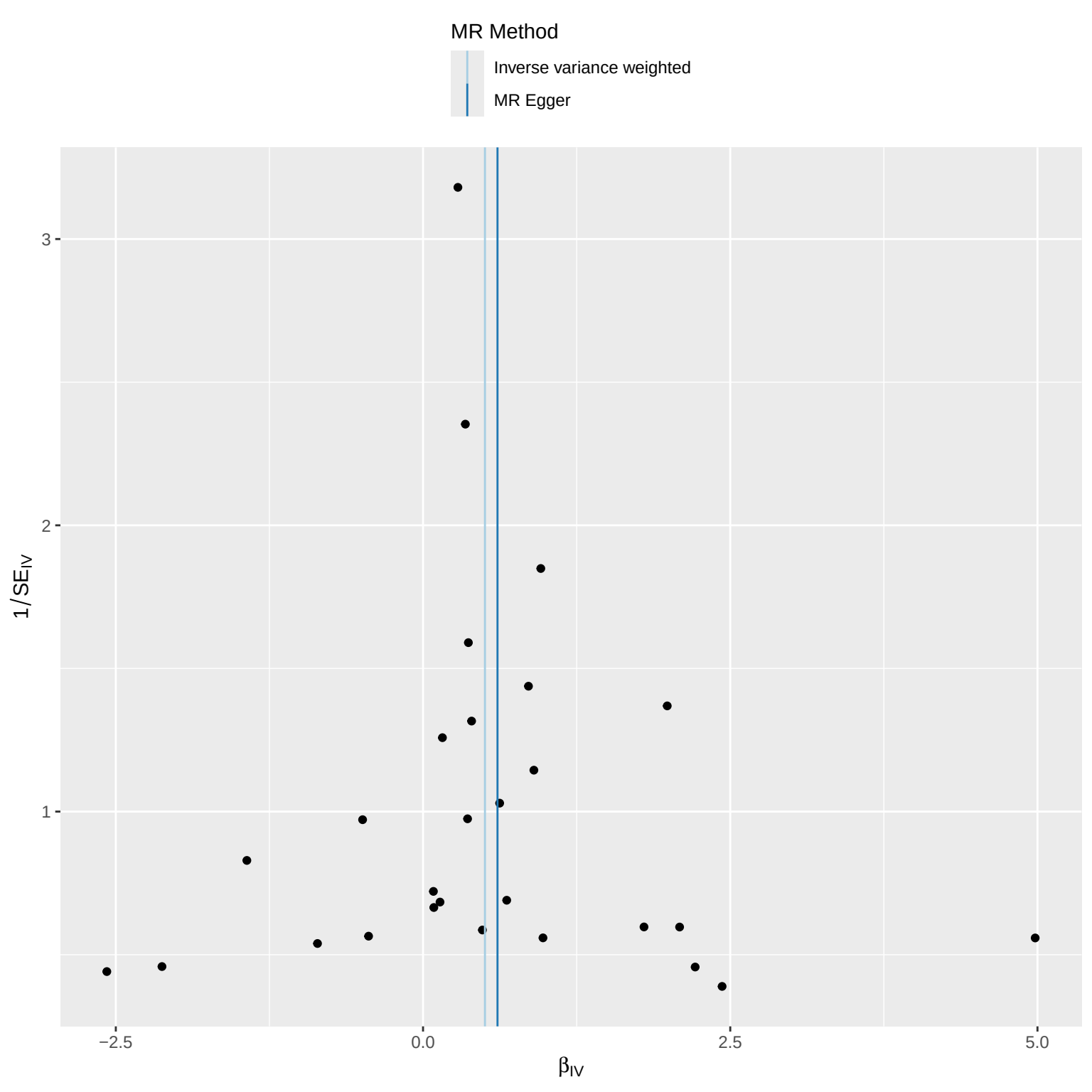

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

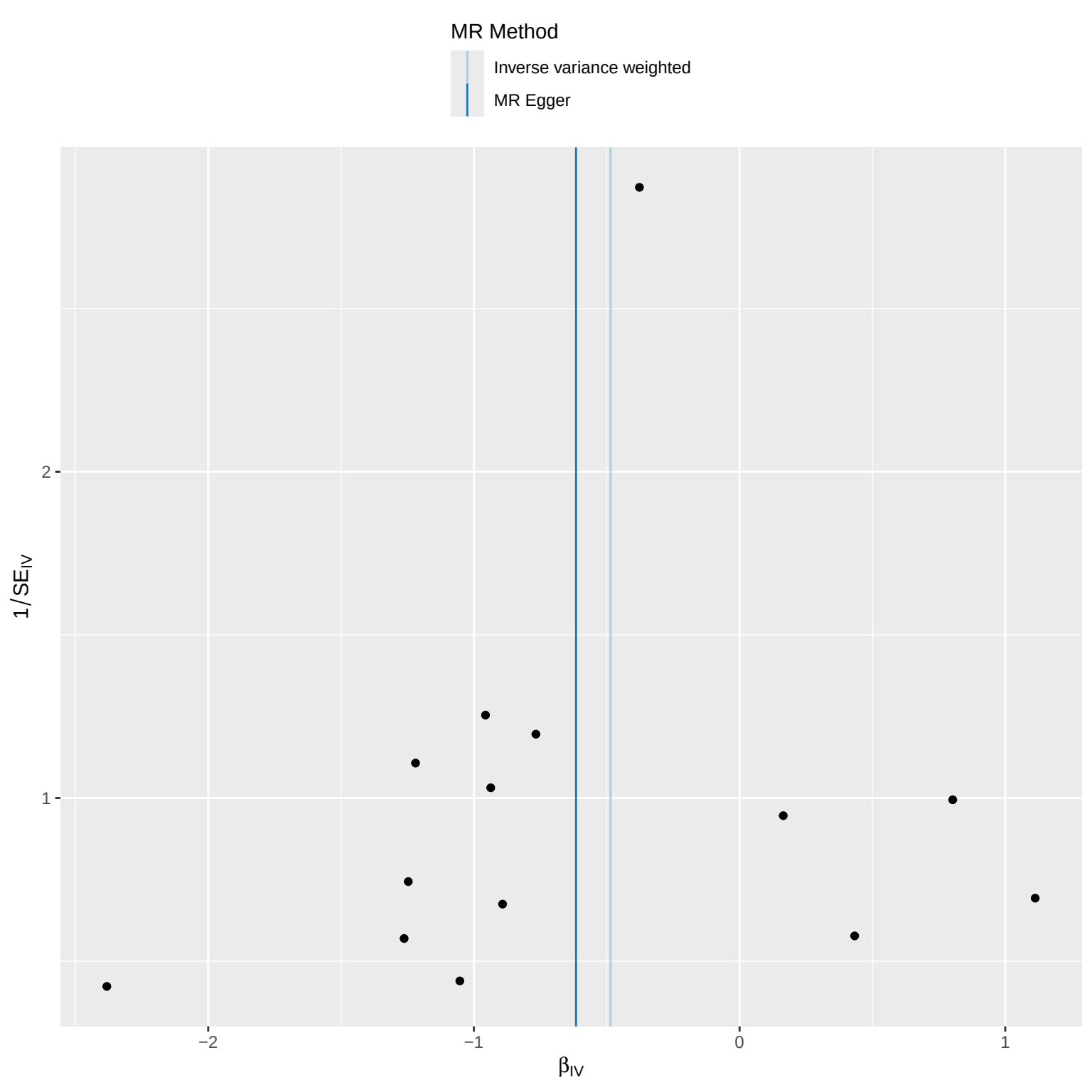

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

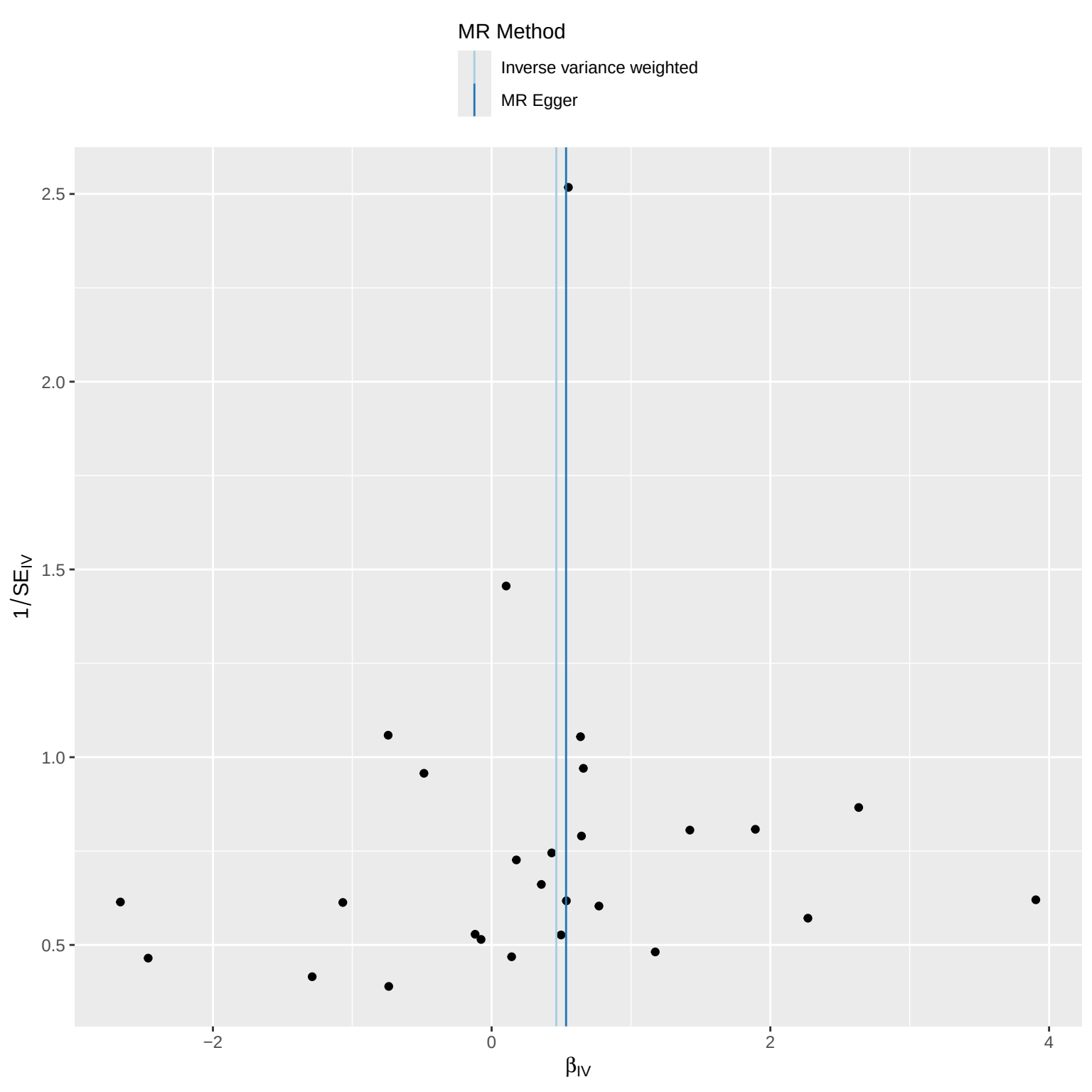

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
0.9
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

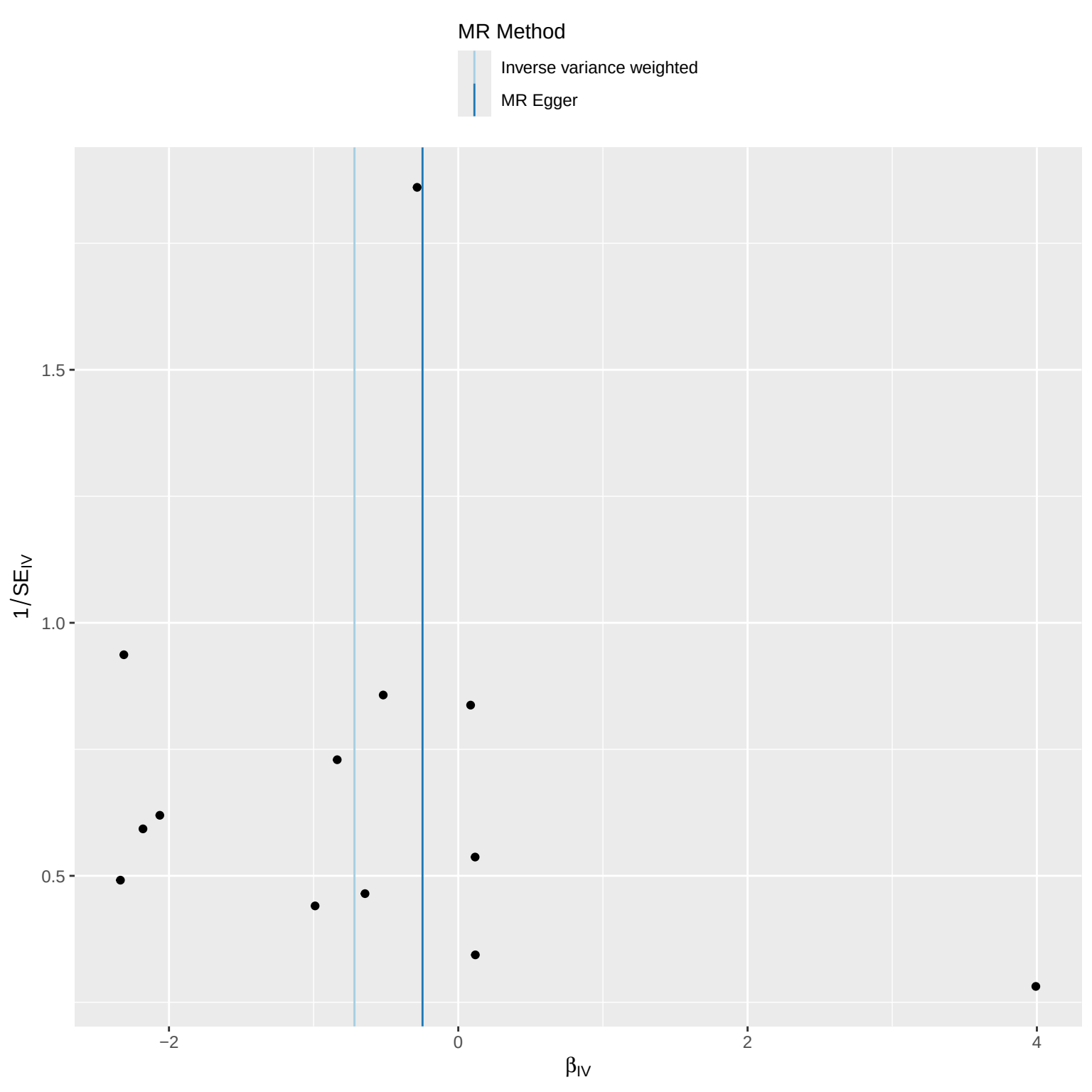

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

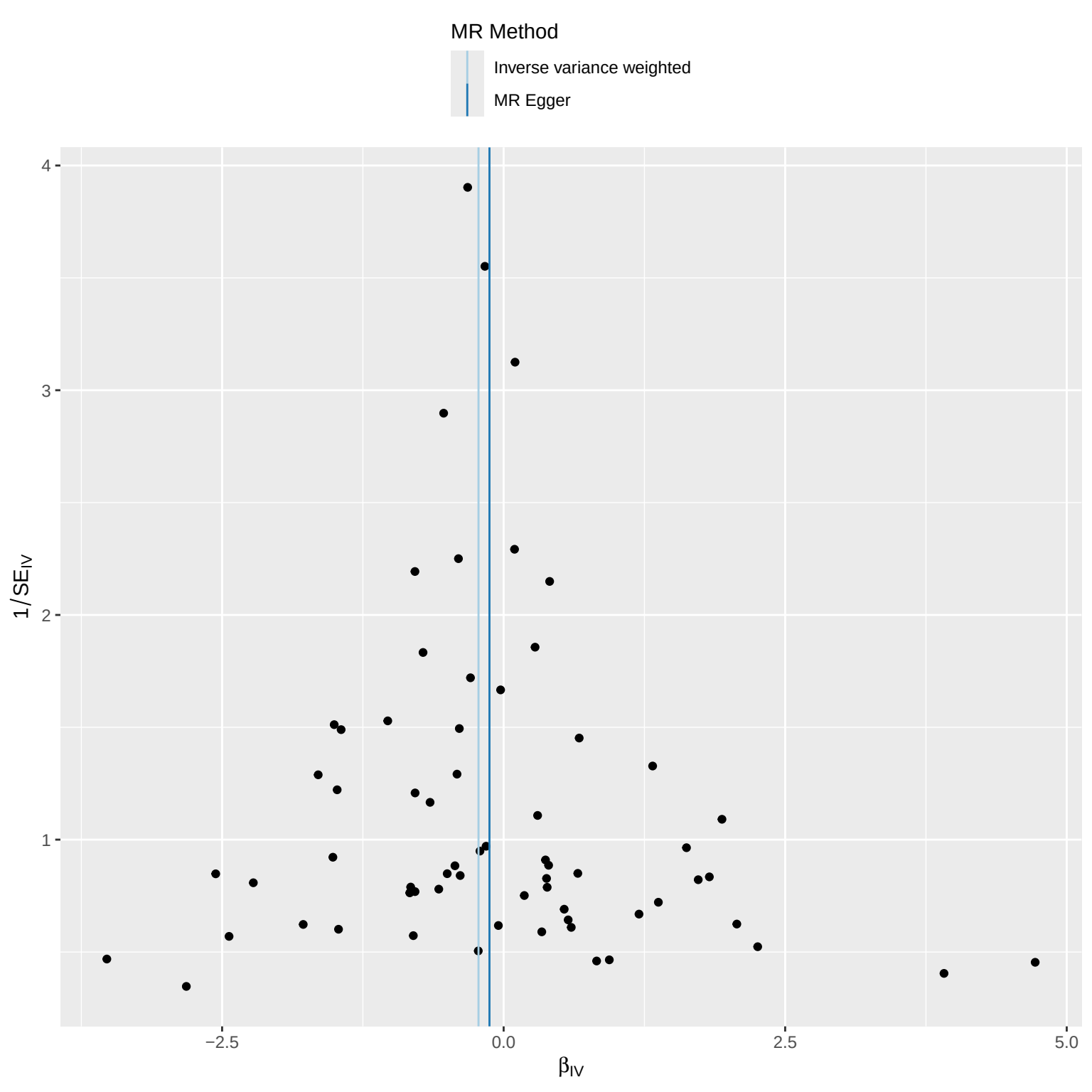

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
0.5
1/SE_IV
−1
0
1
2
β_IV

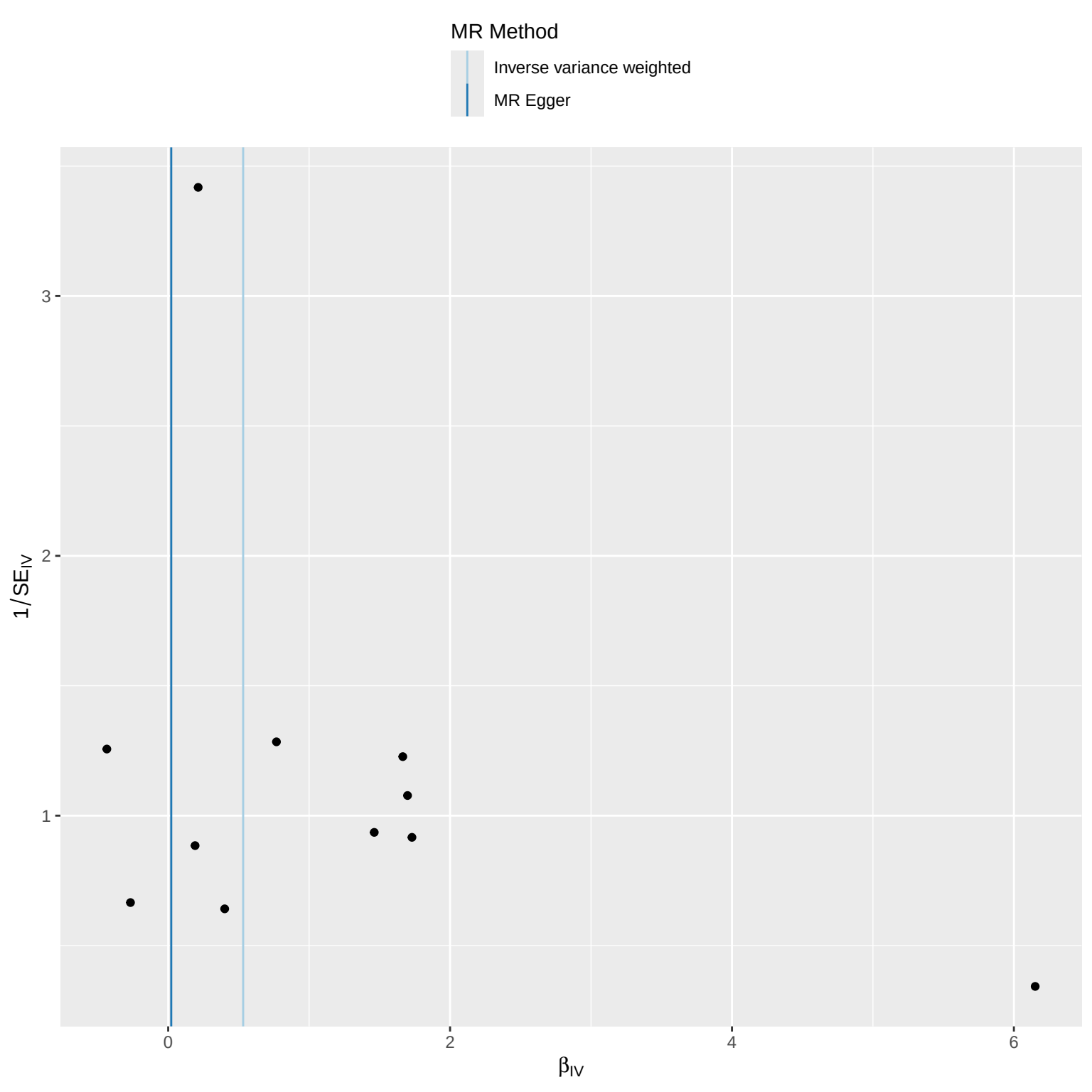

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

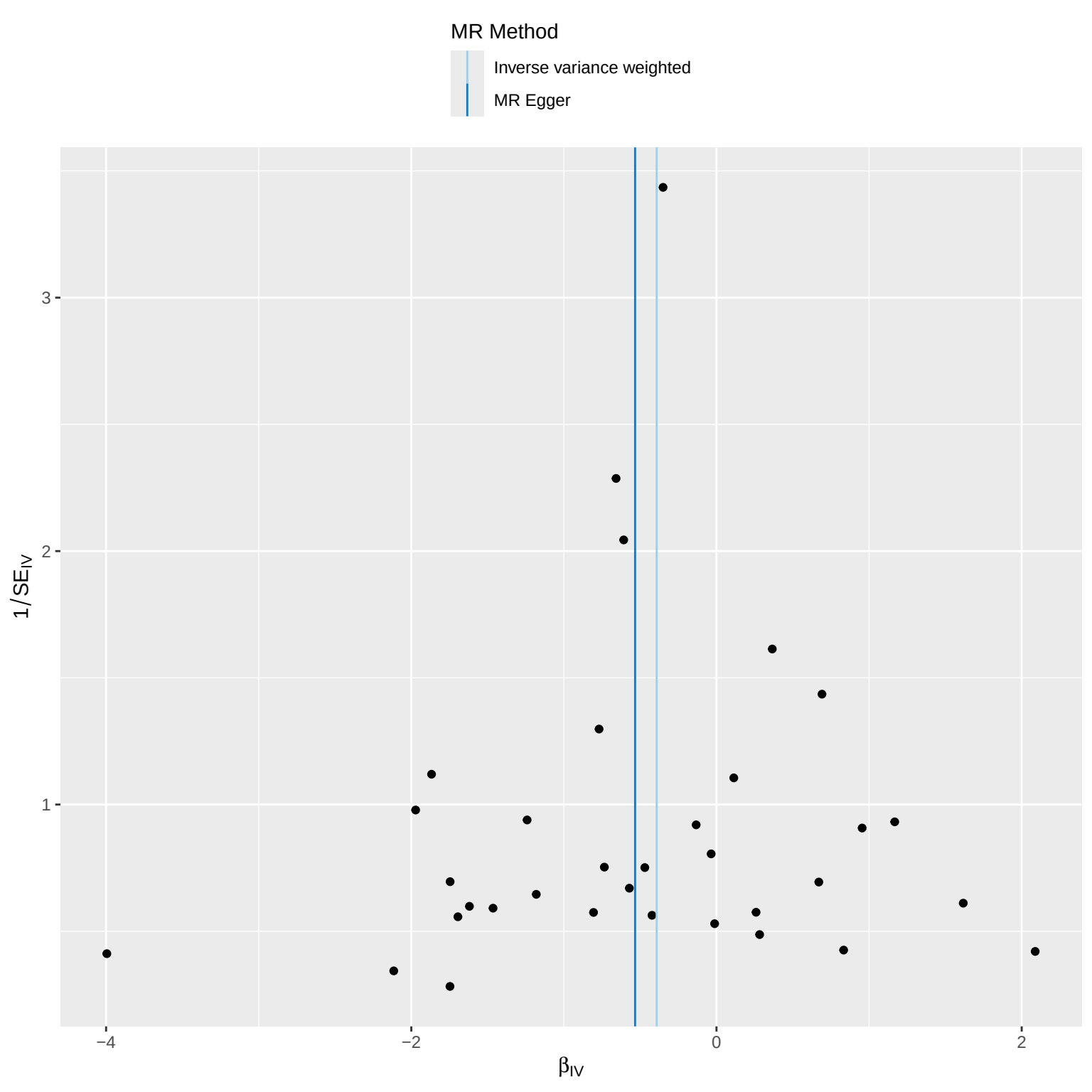

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

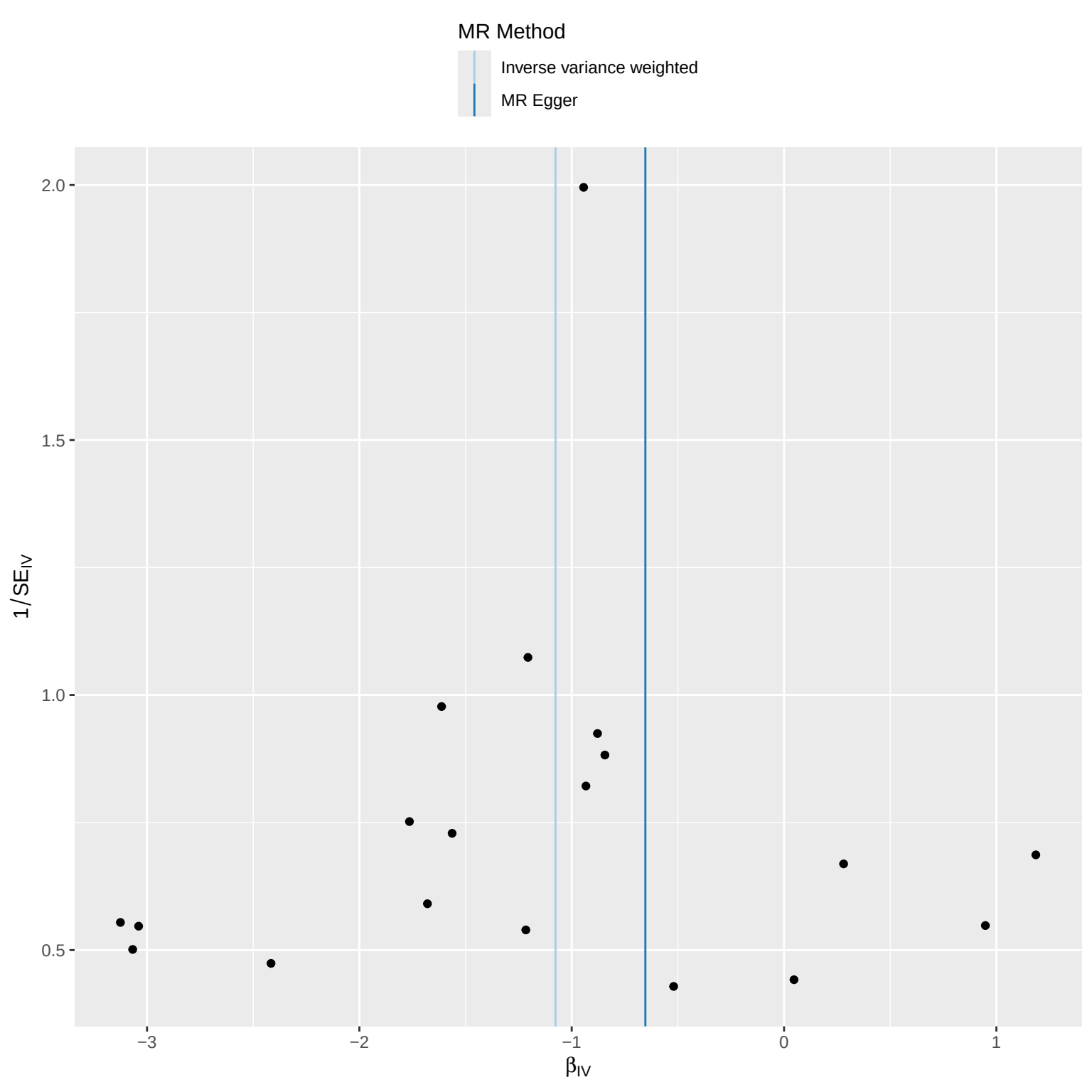

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

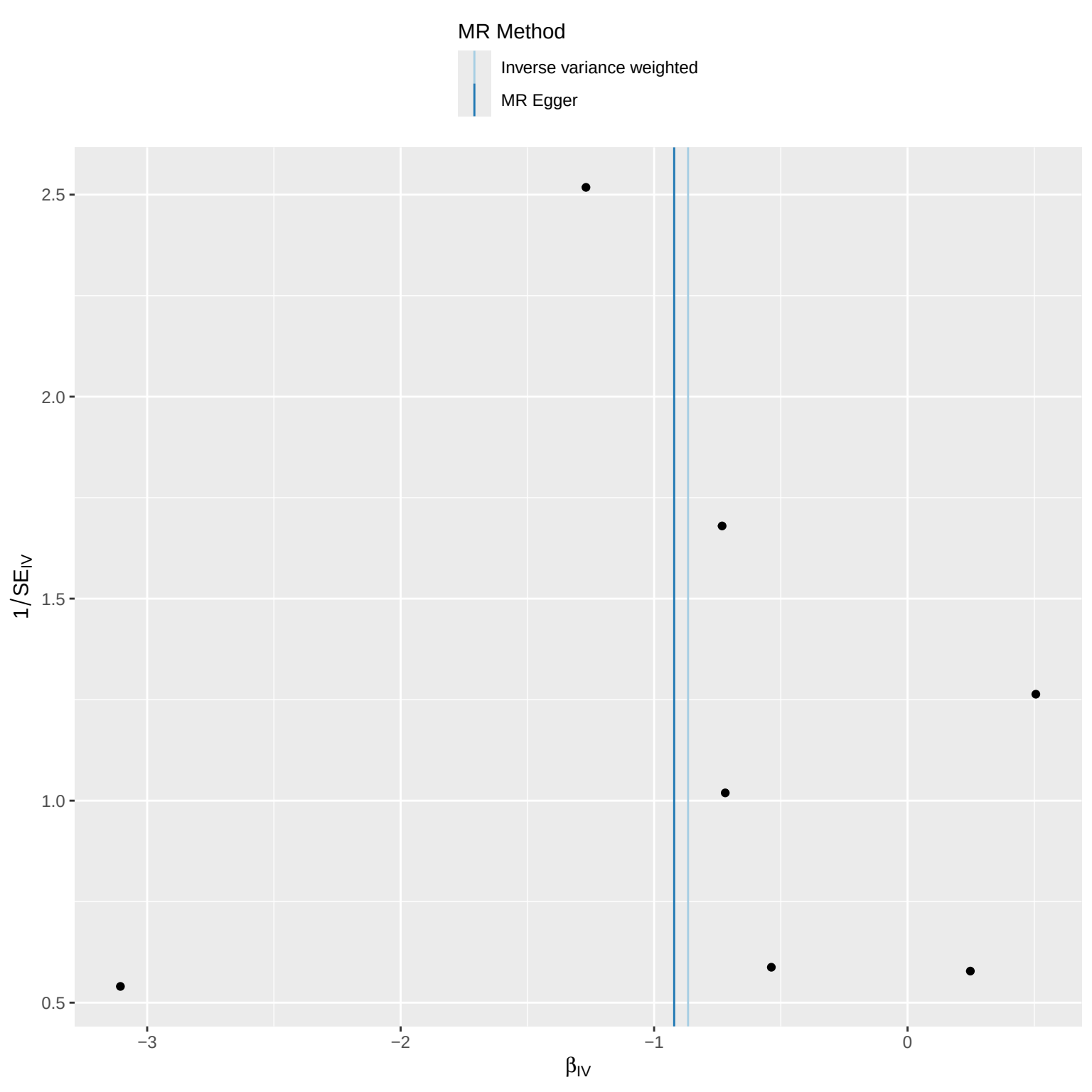

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

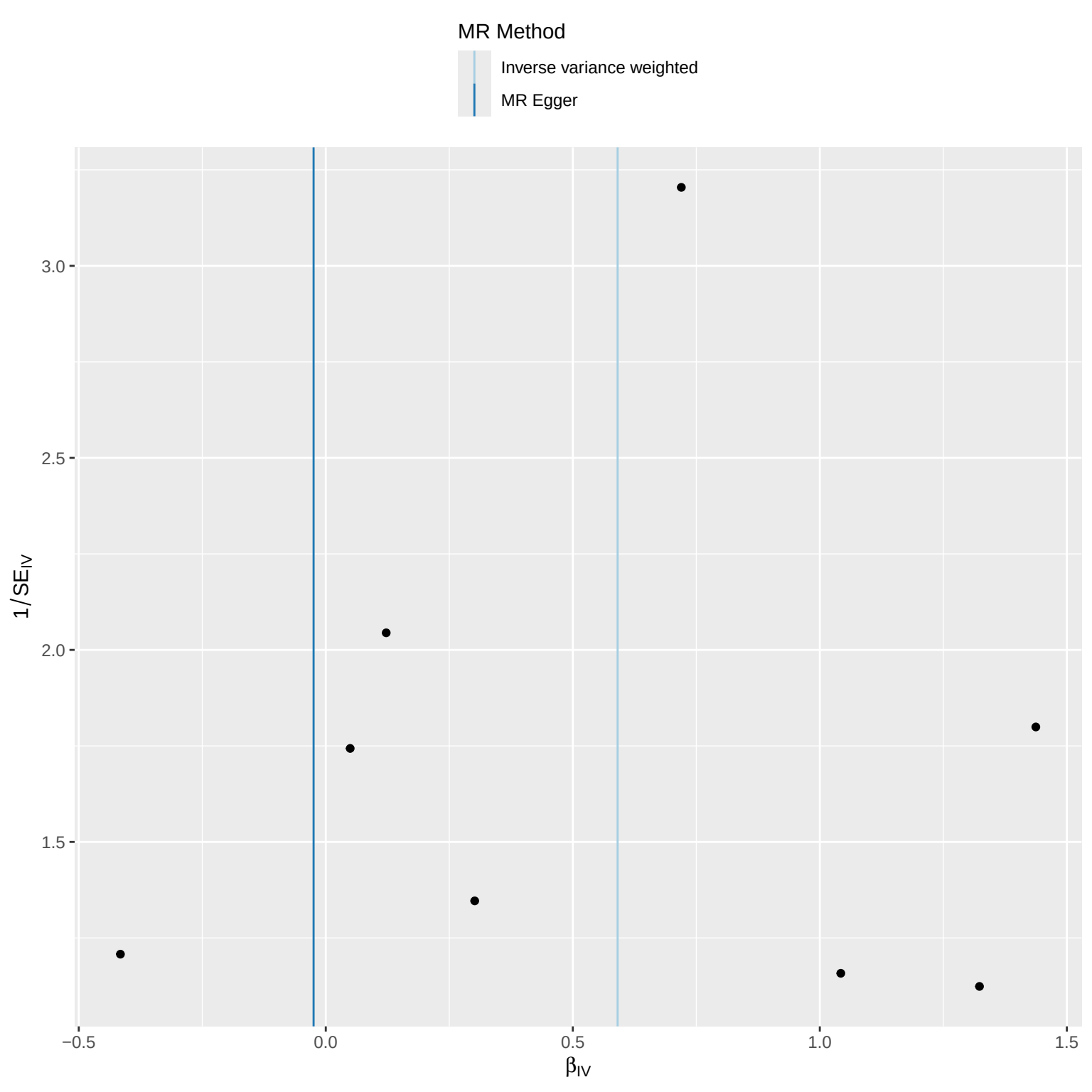

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2.5
0.0
2.5
5.0
β_{IV}

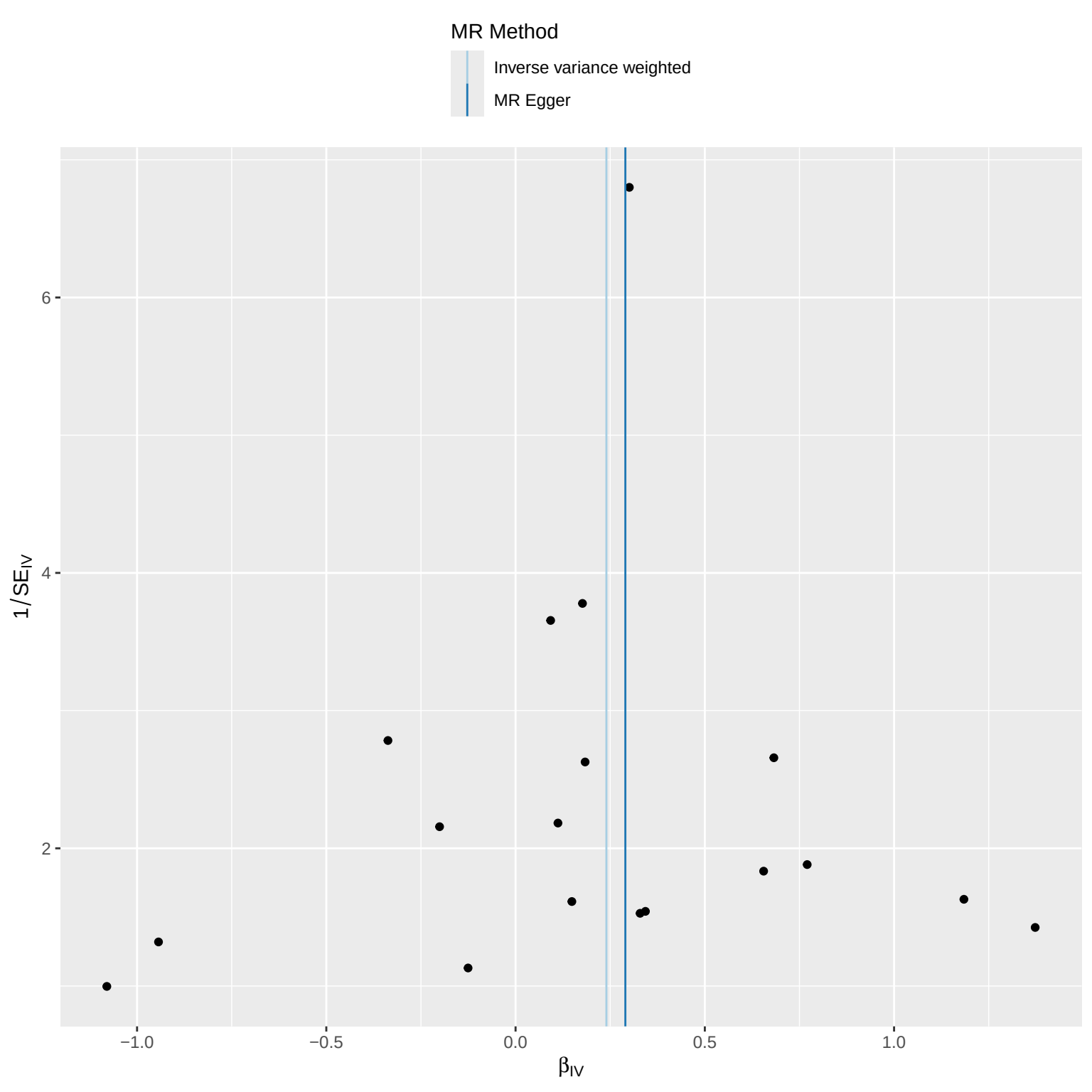

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0
2
4
6
β_IV

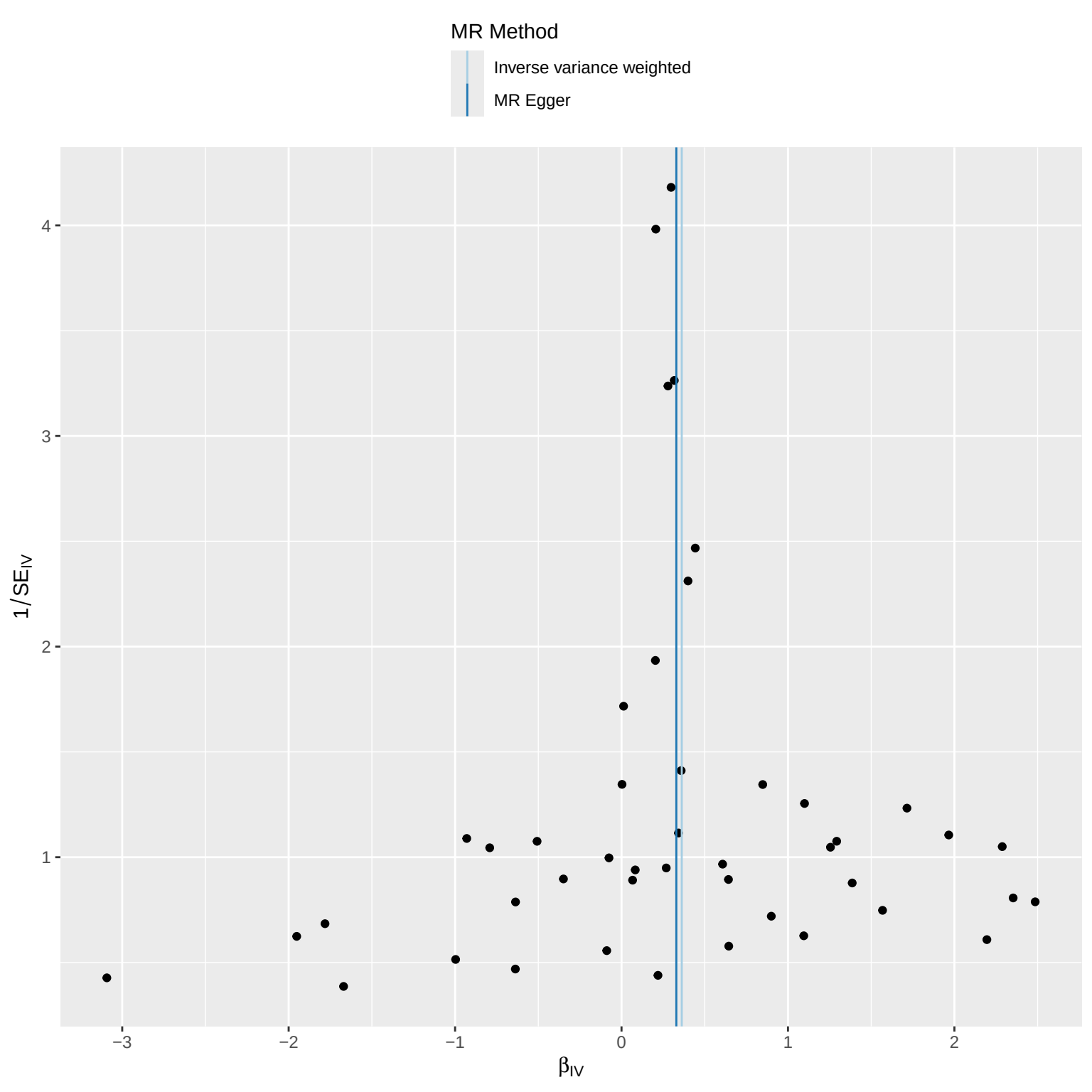

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

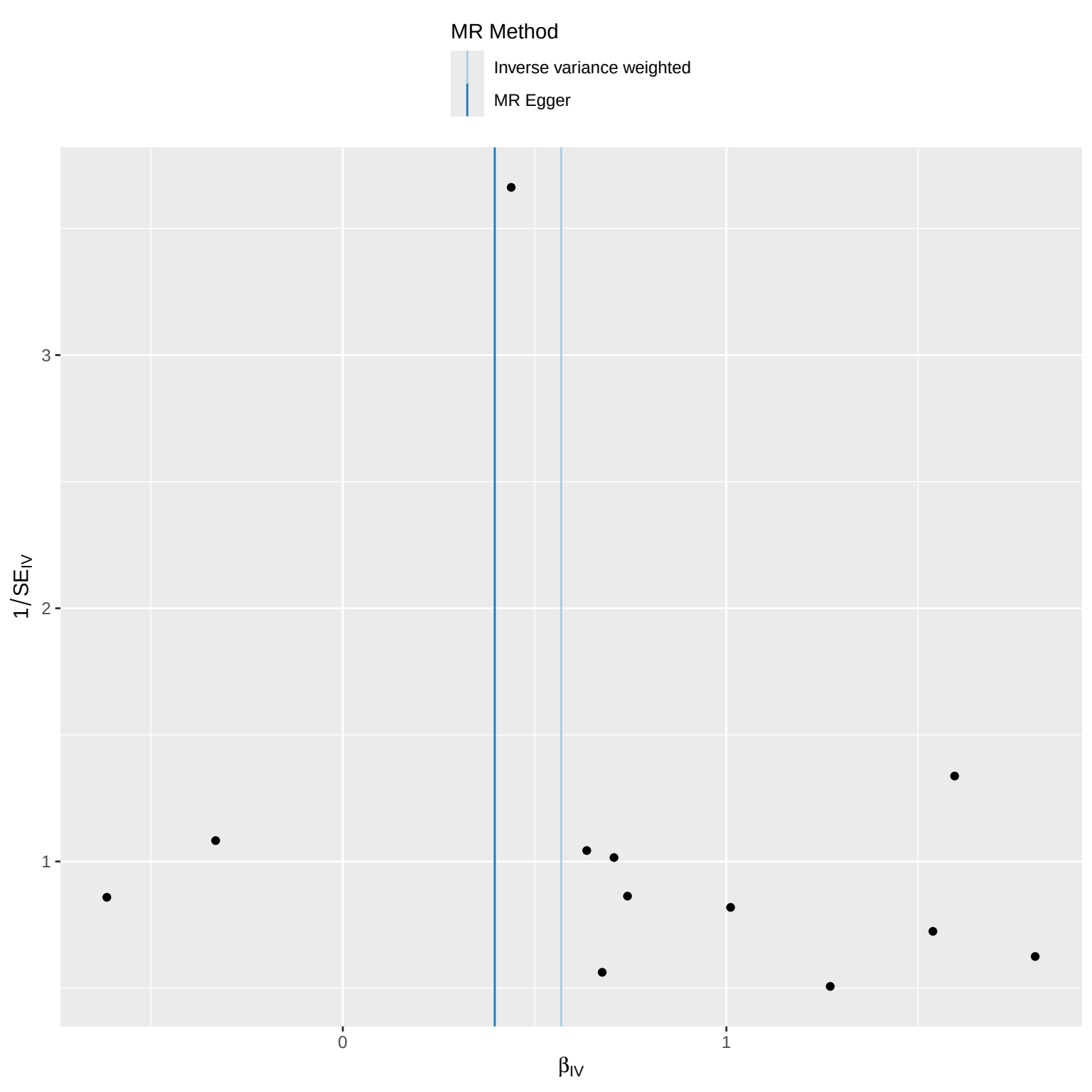

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

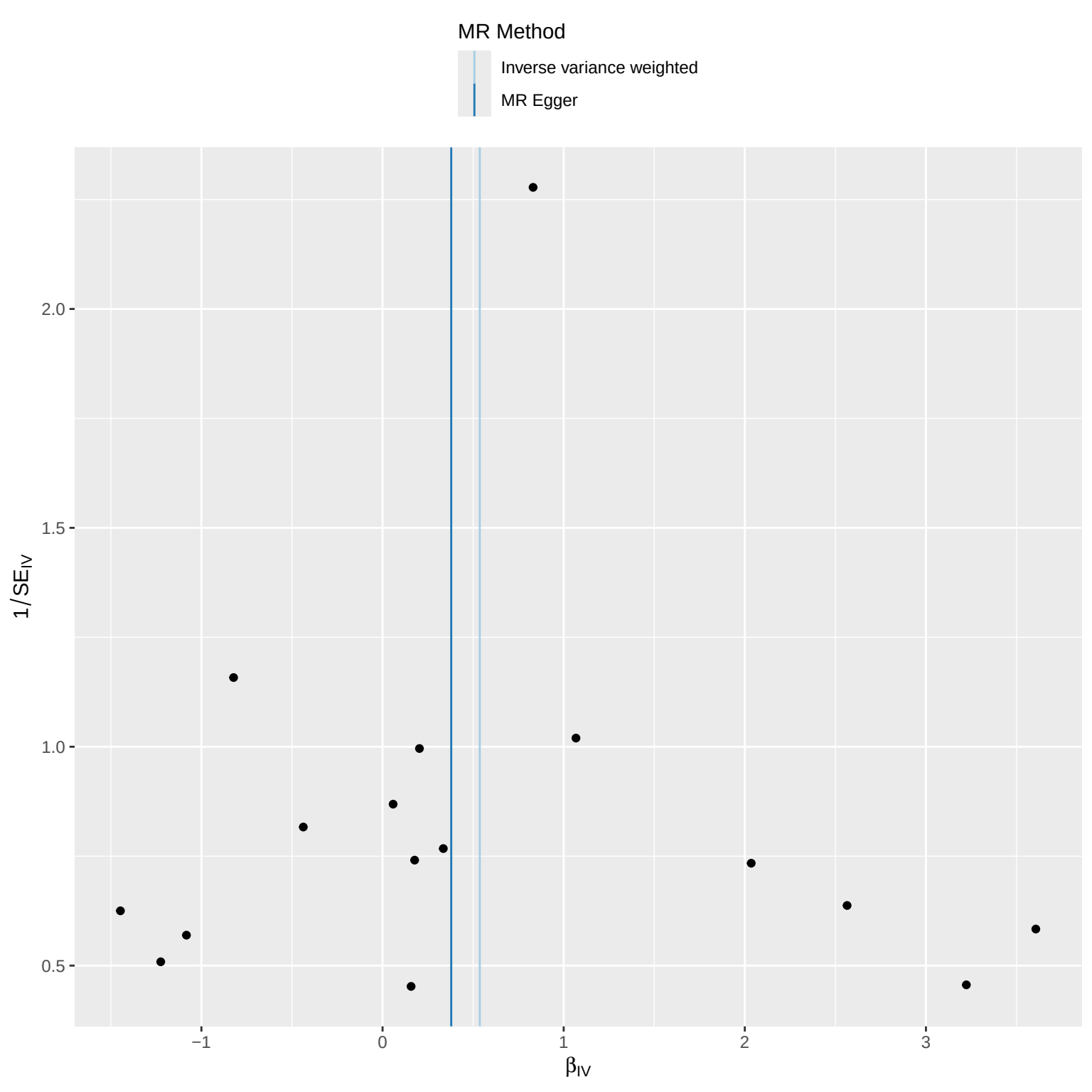

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

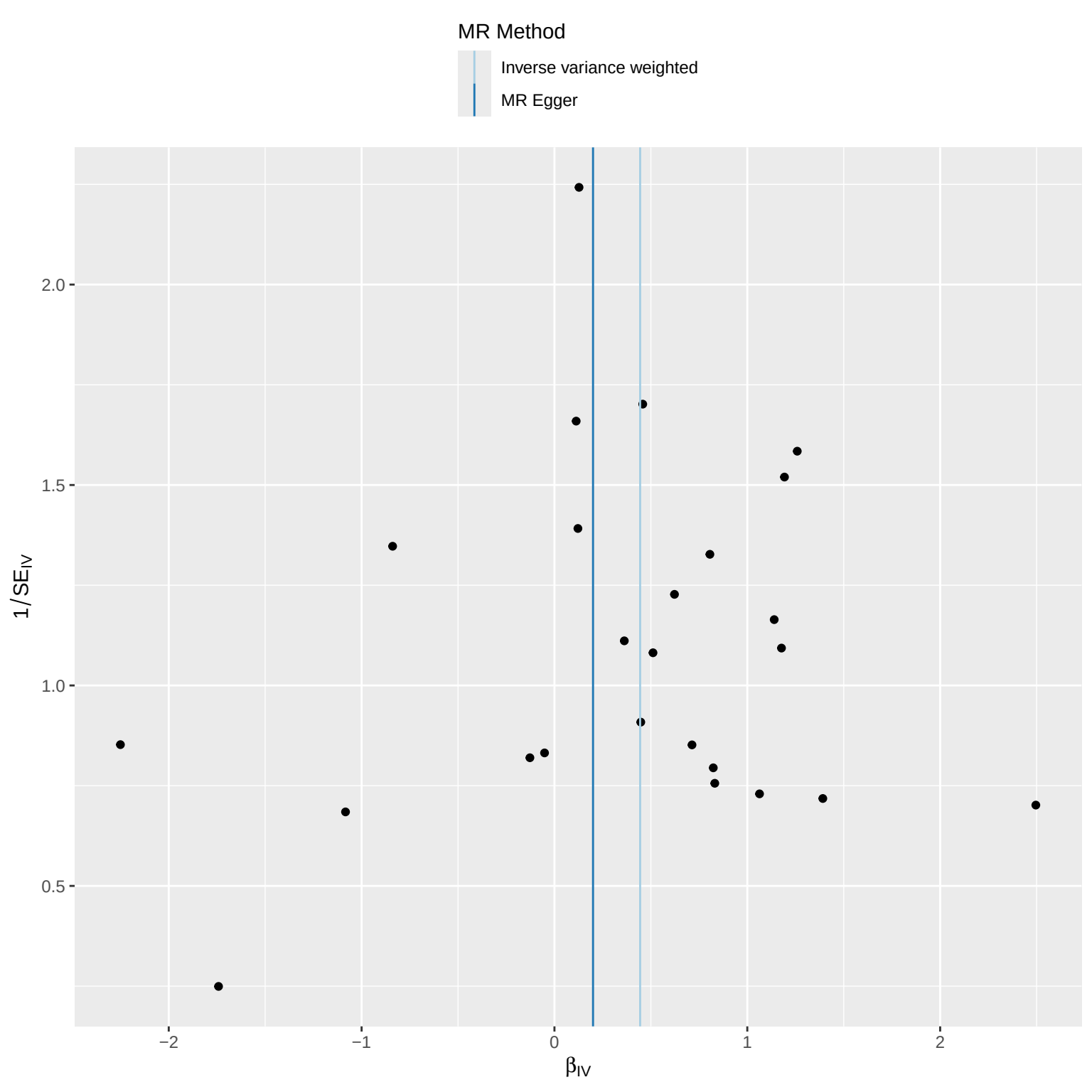

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

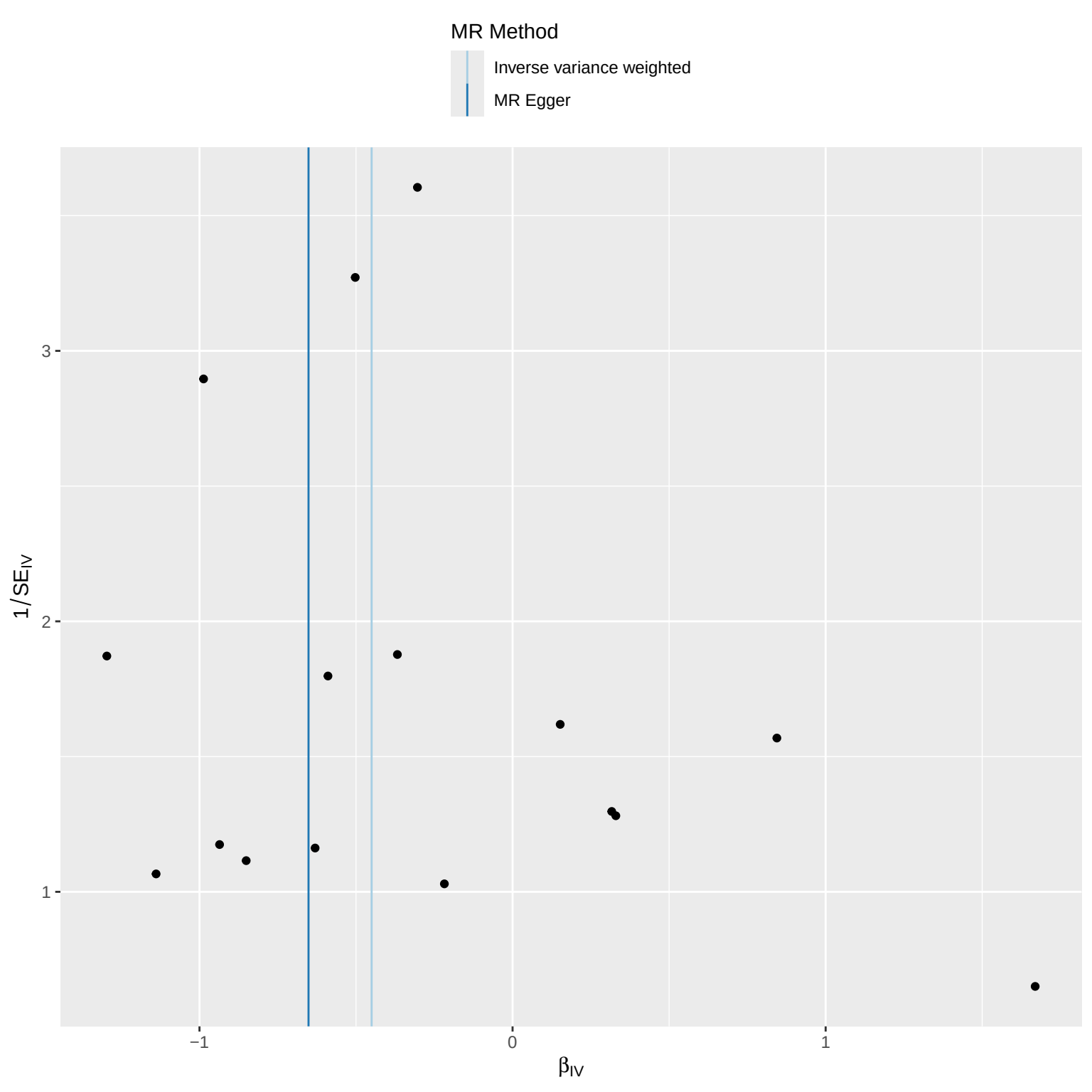

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

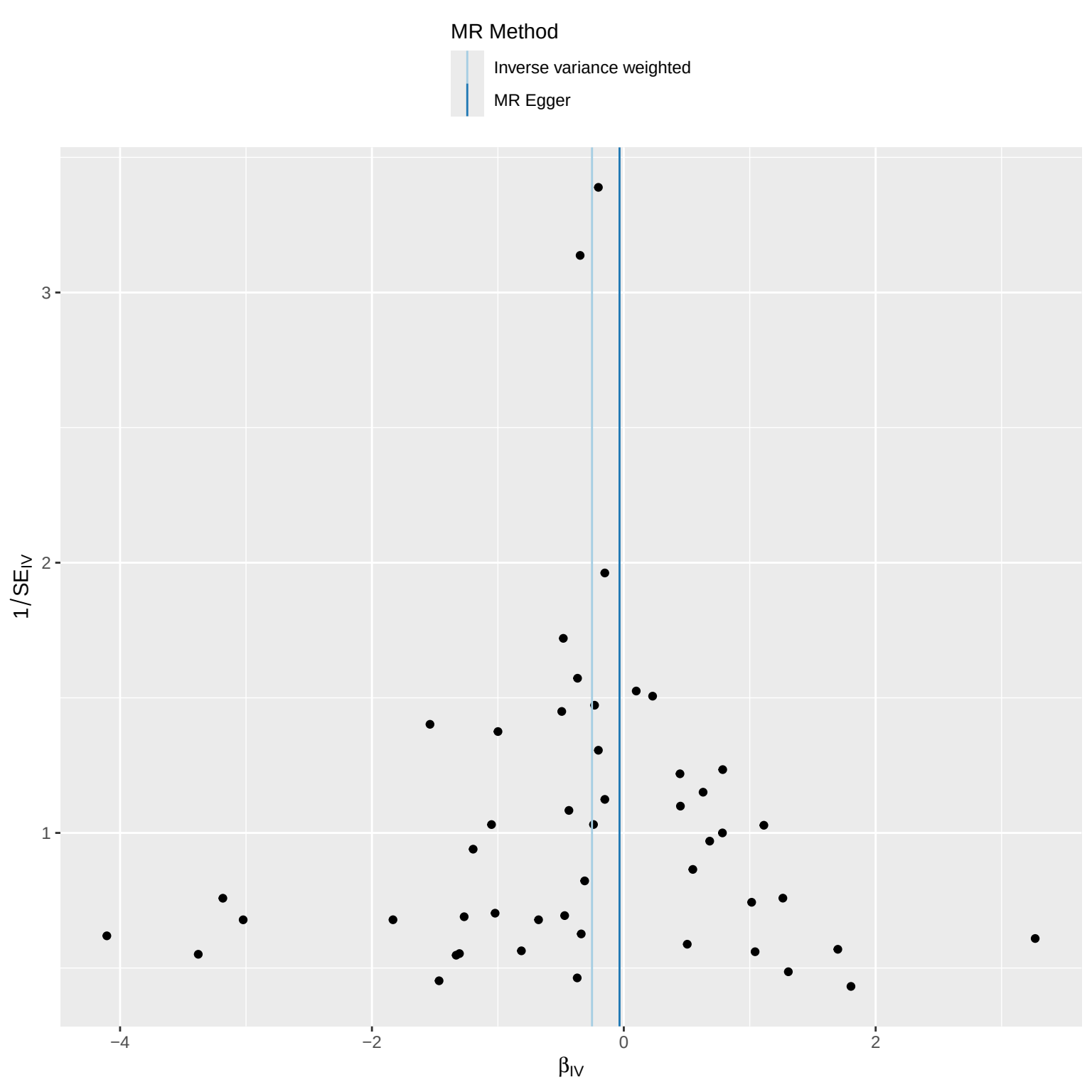

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

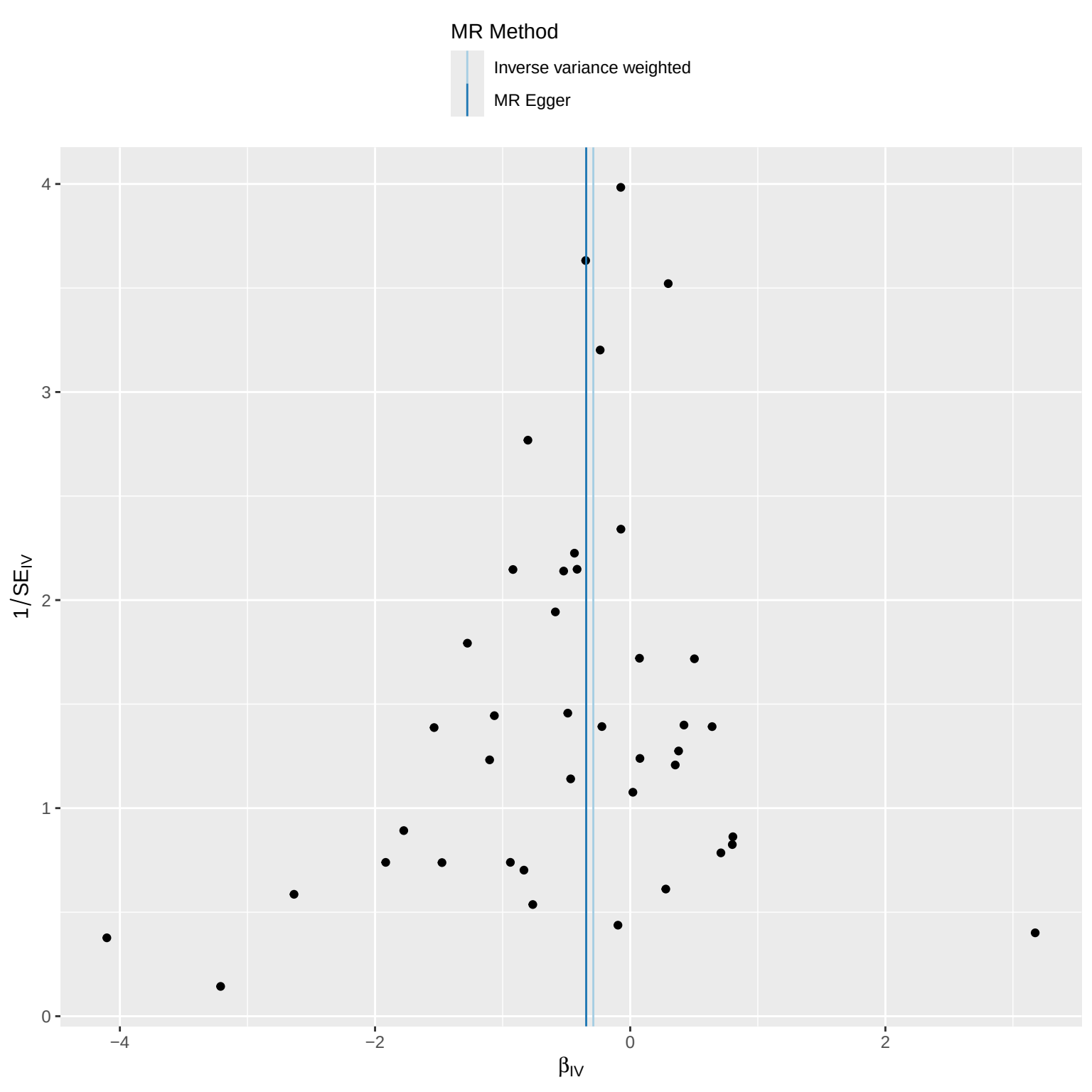

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
$1/SE_{IV}$
β_{IV}

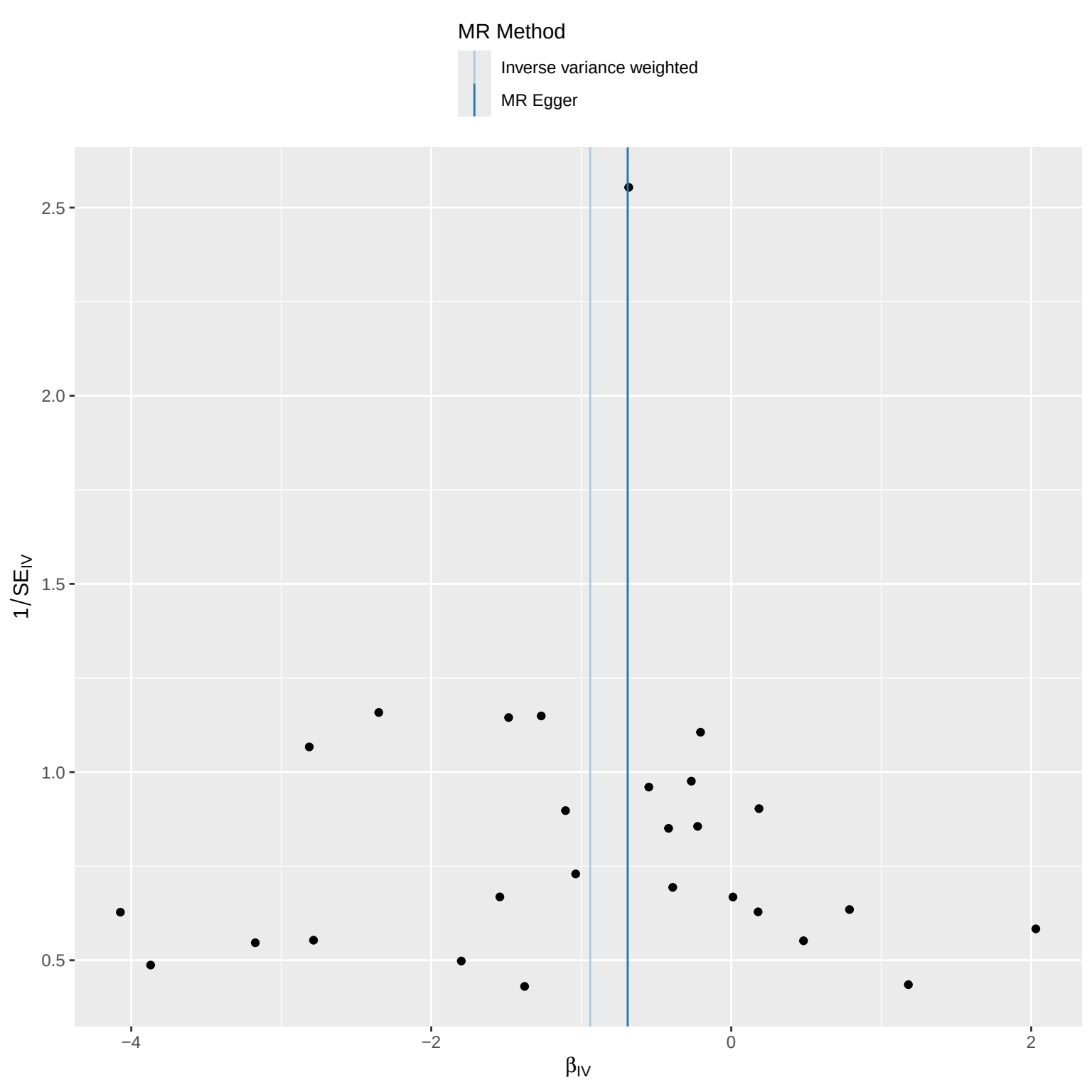

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

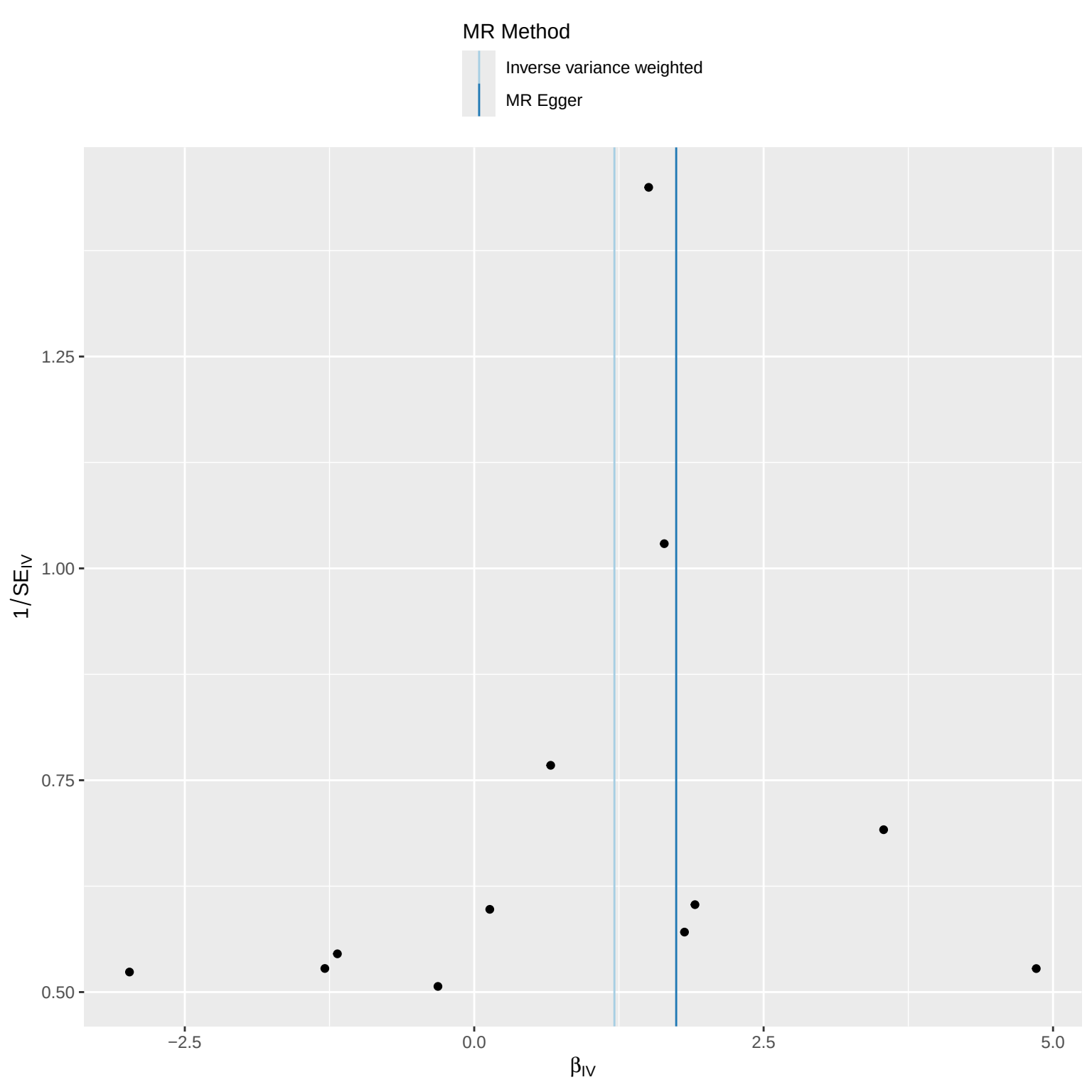

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

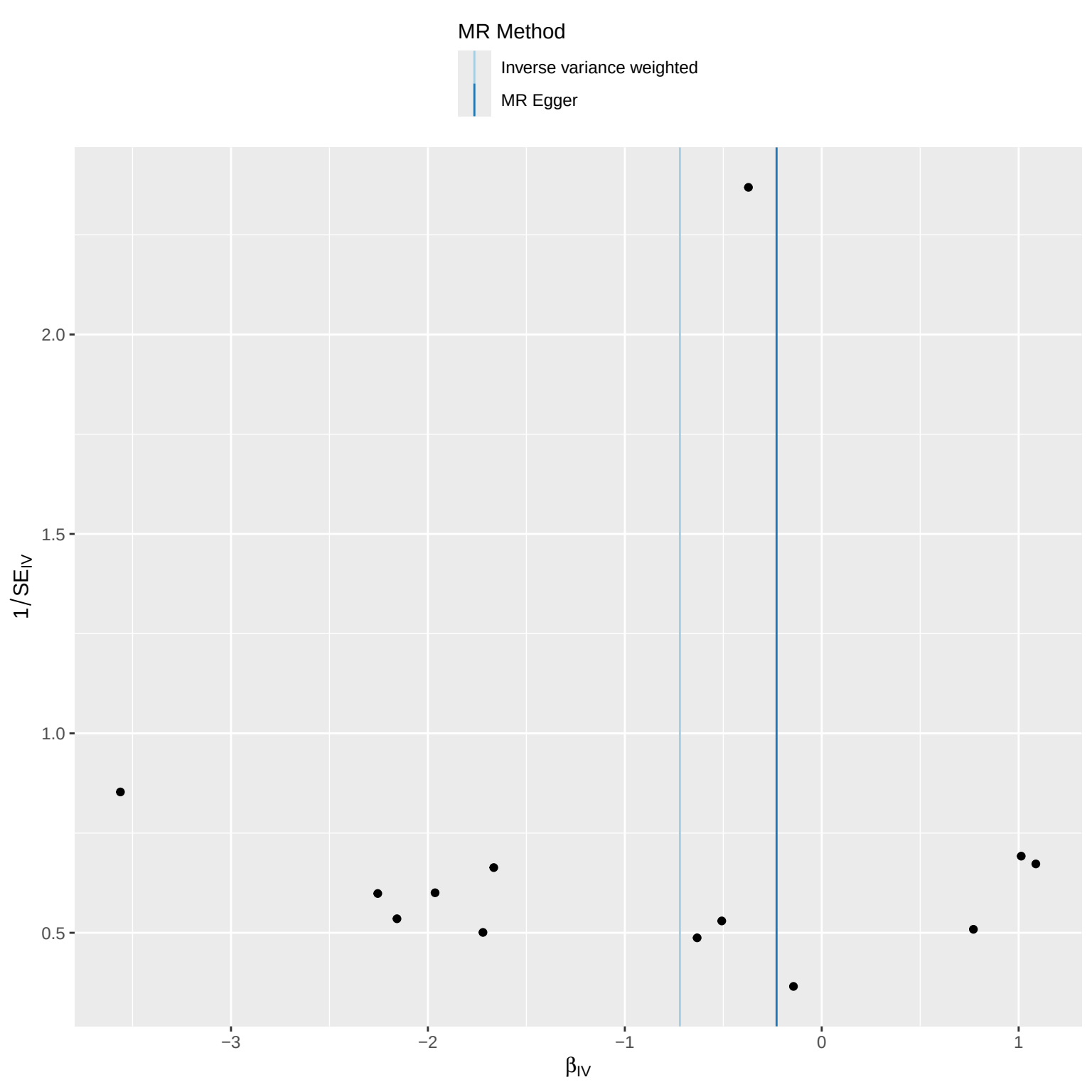

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

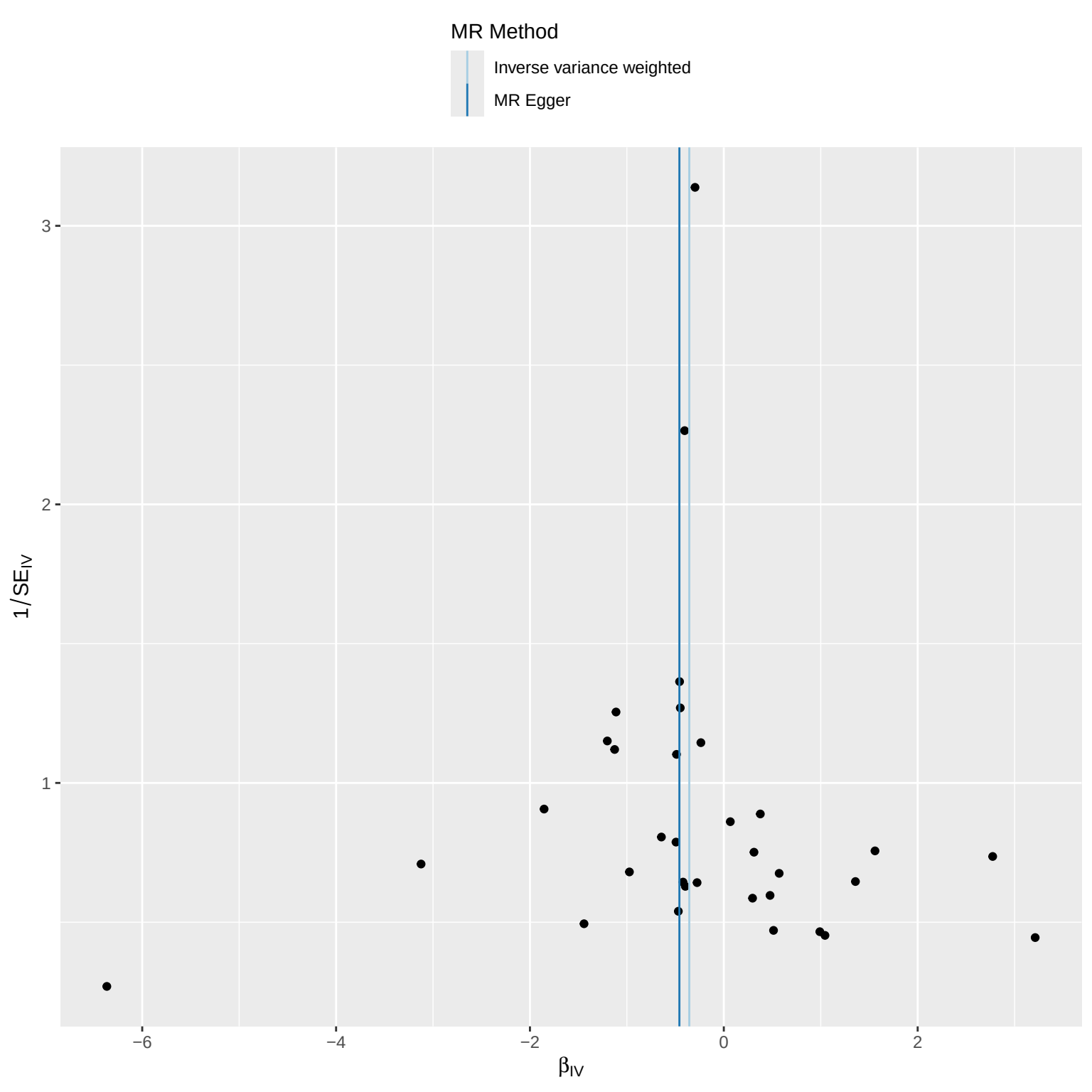

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

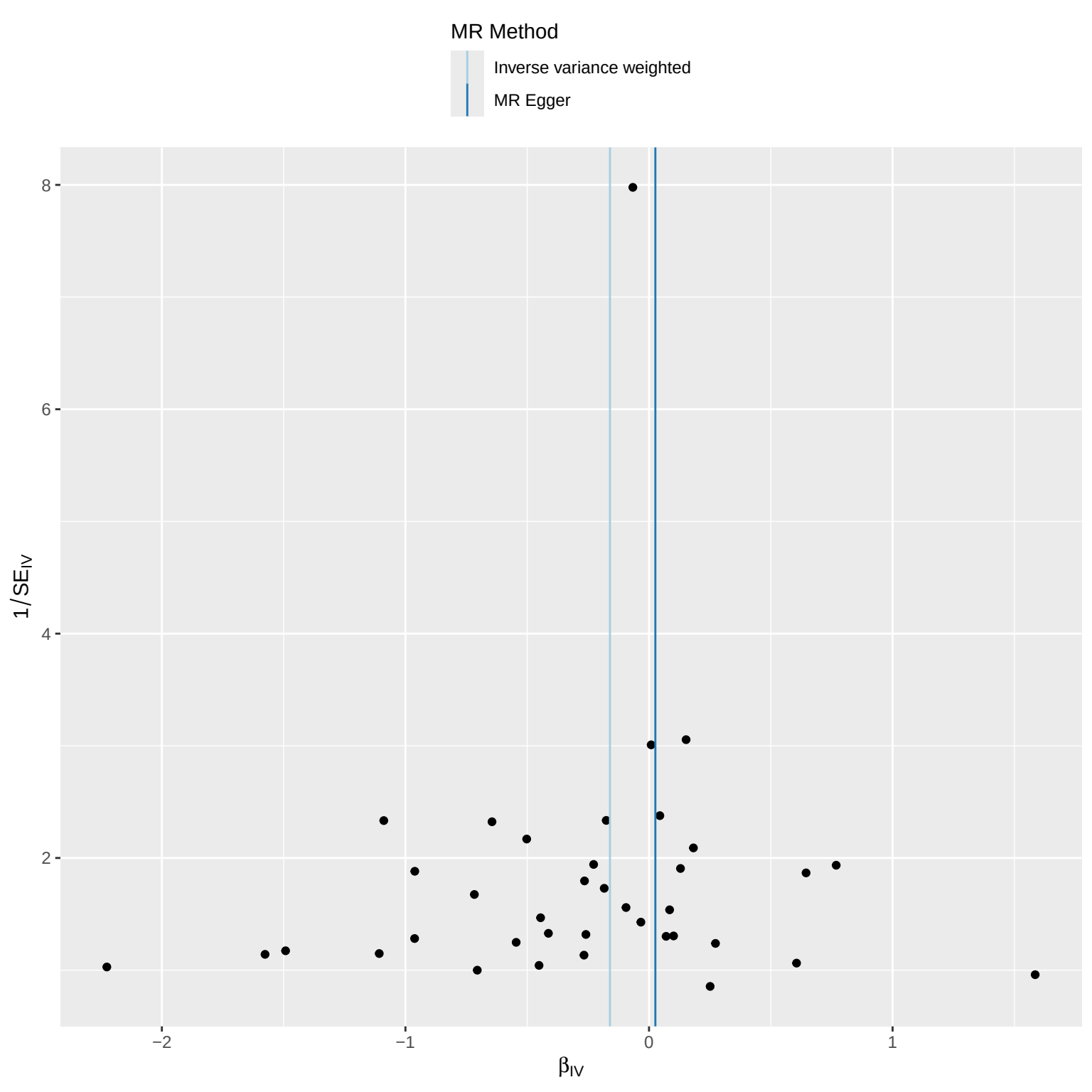

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−4
−2
0
2
β_IV

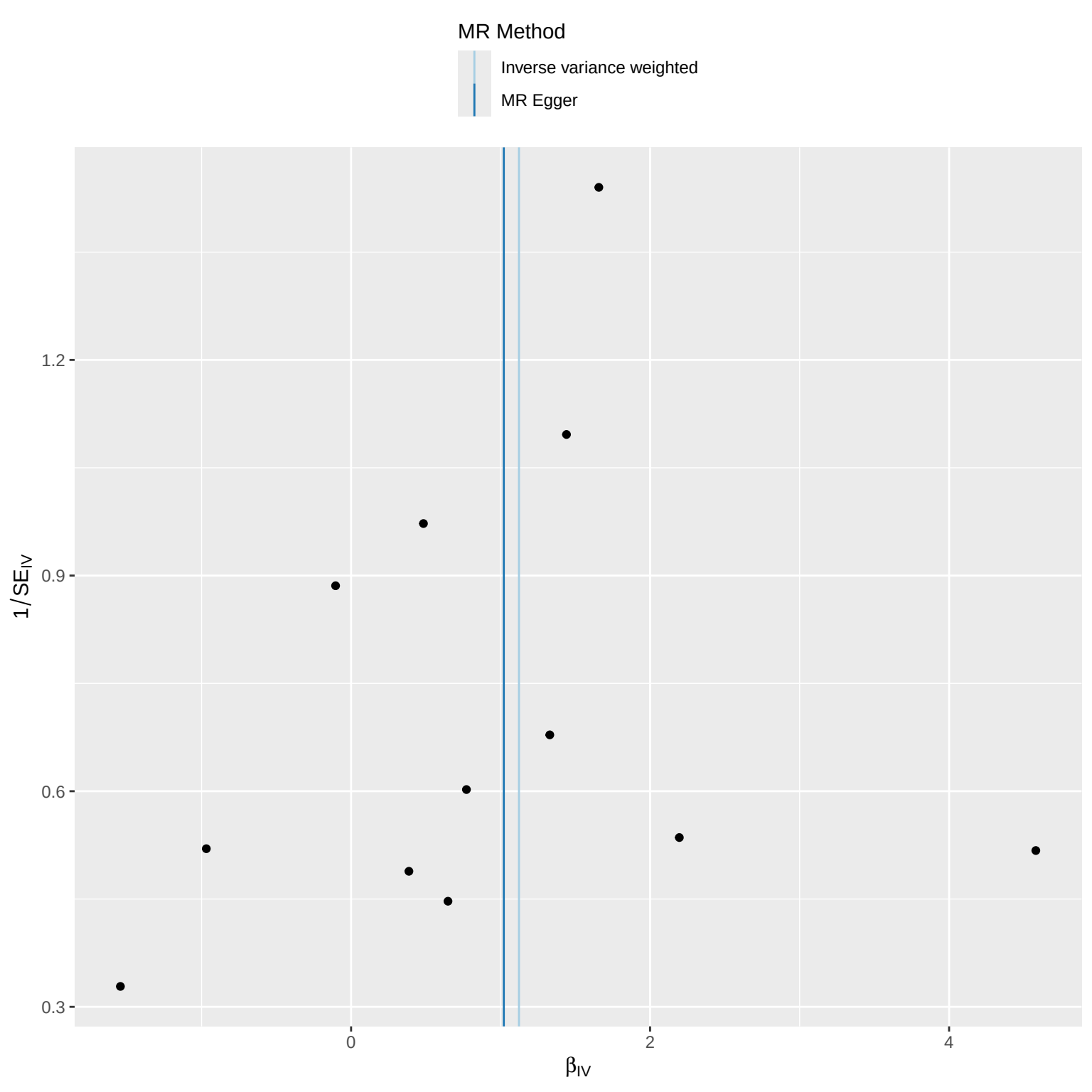

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

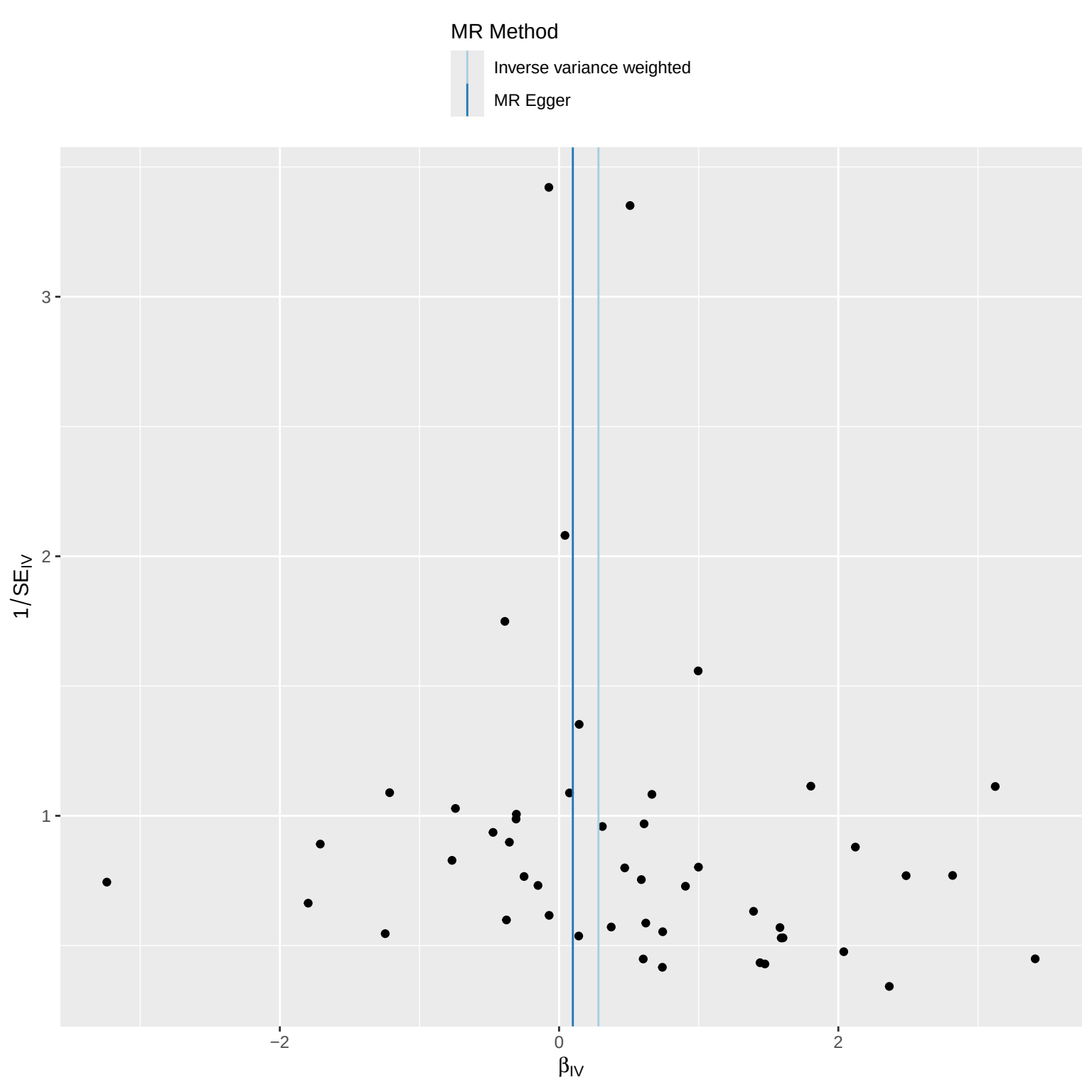

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

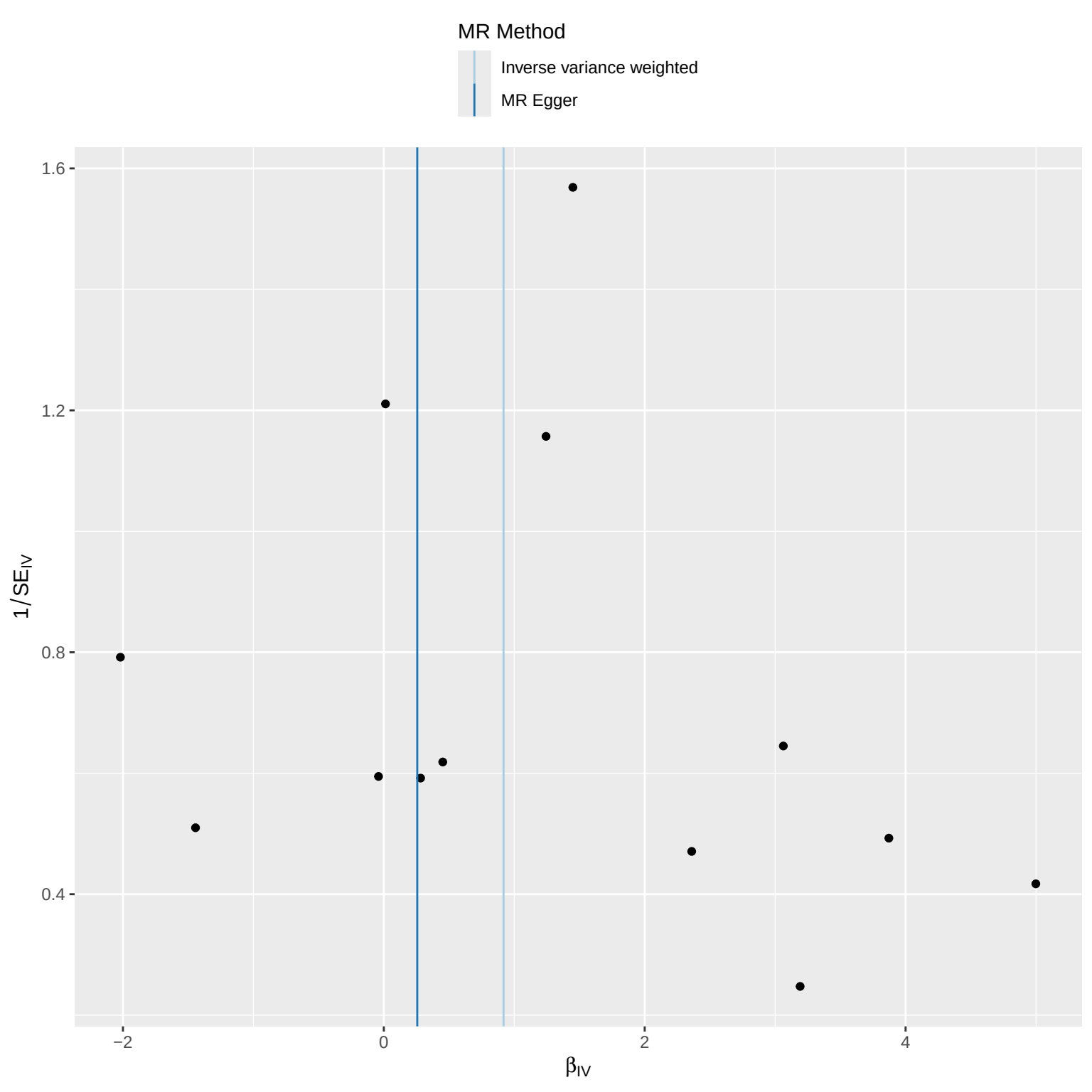

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

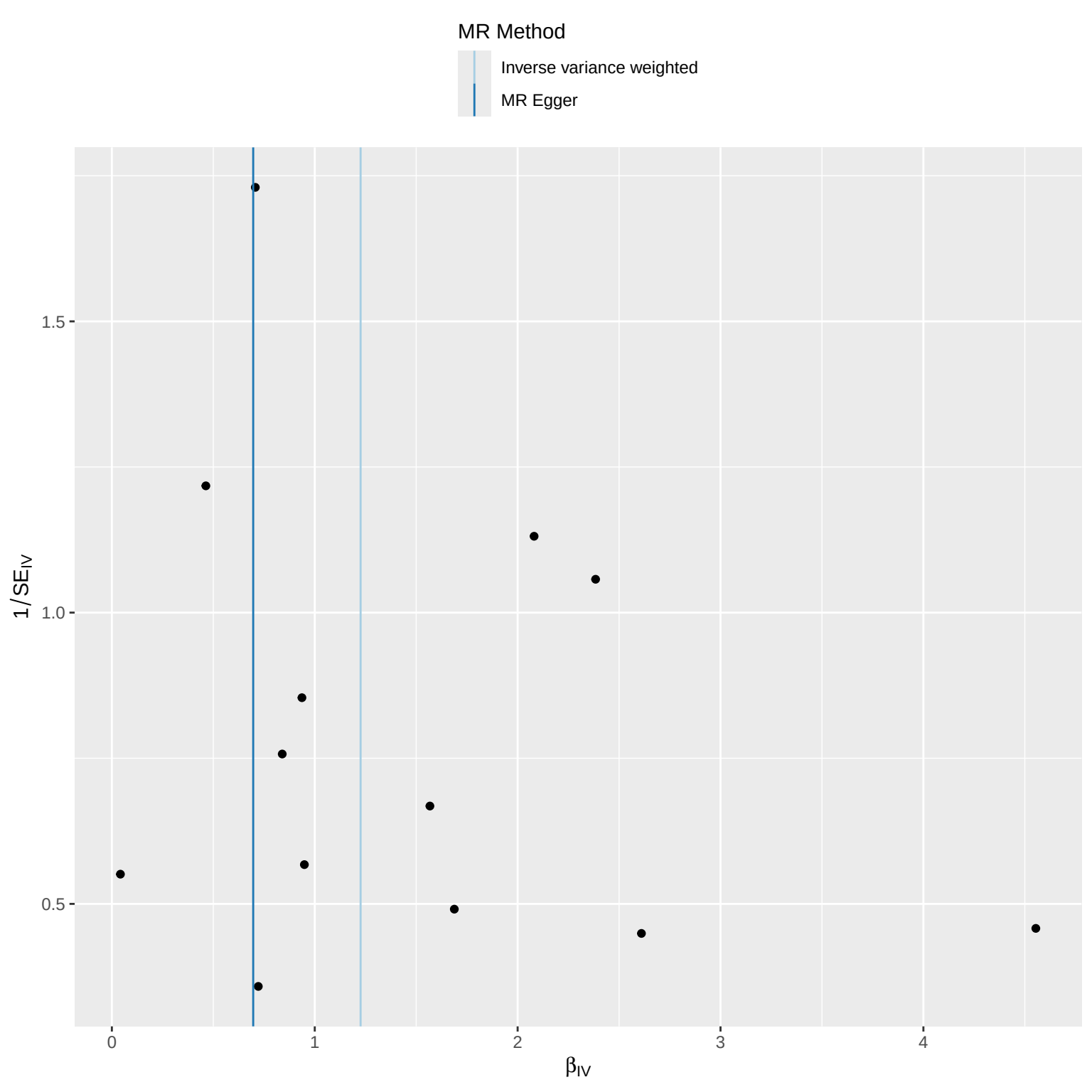

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

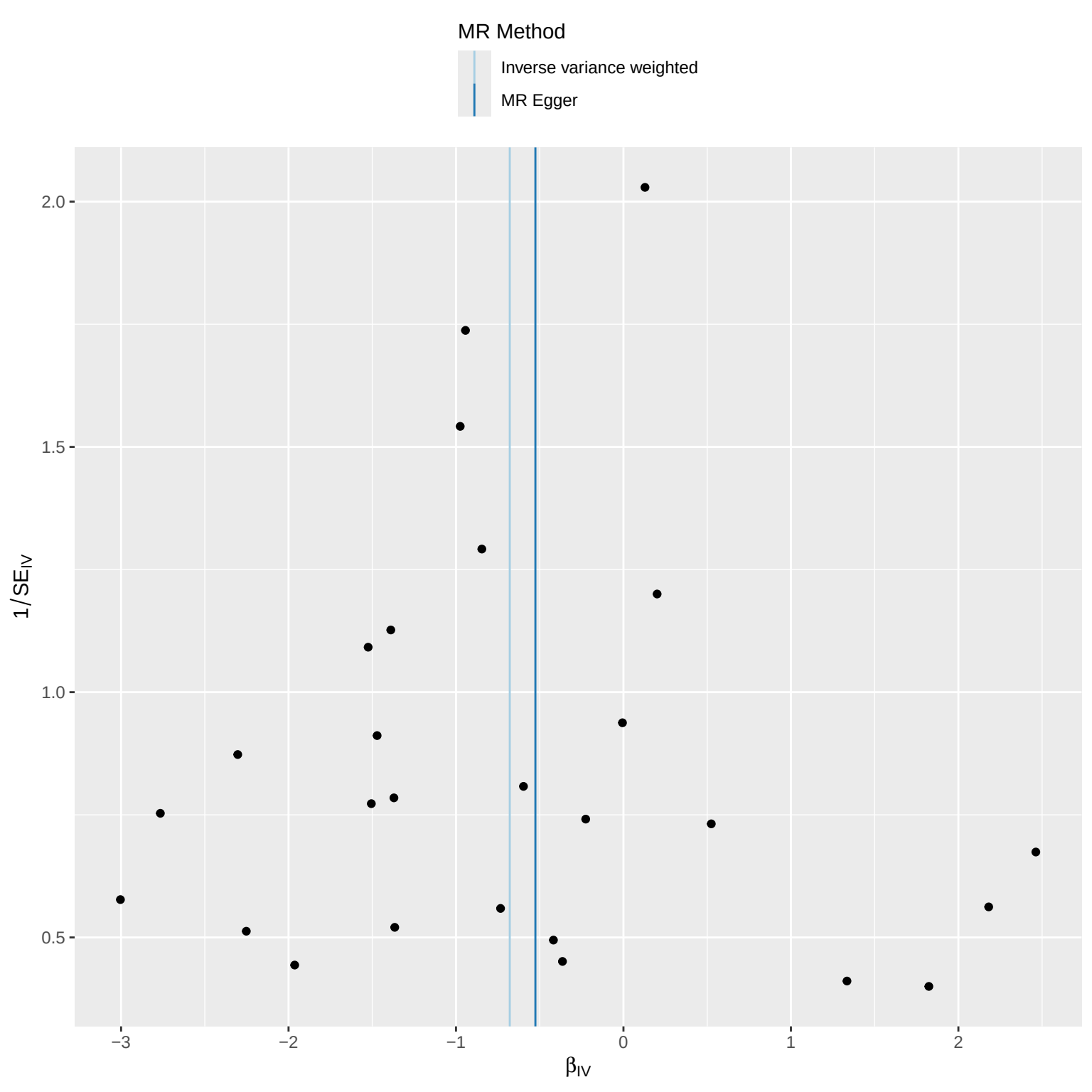

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

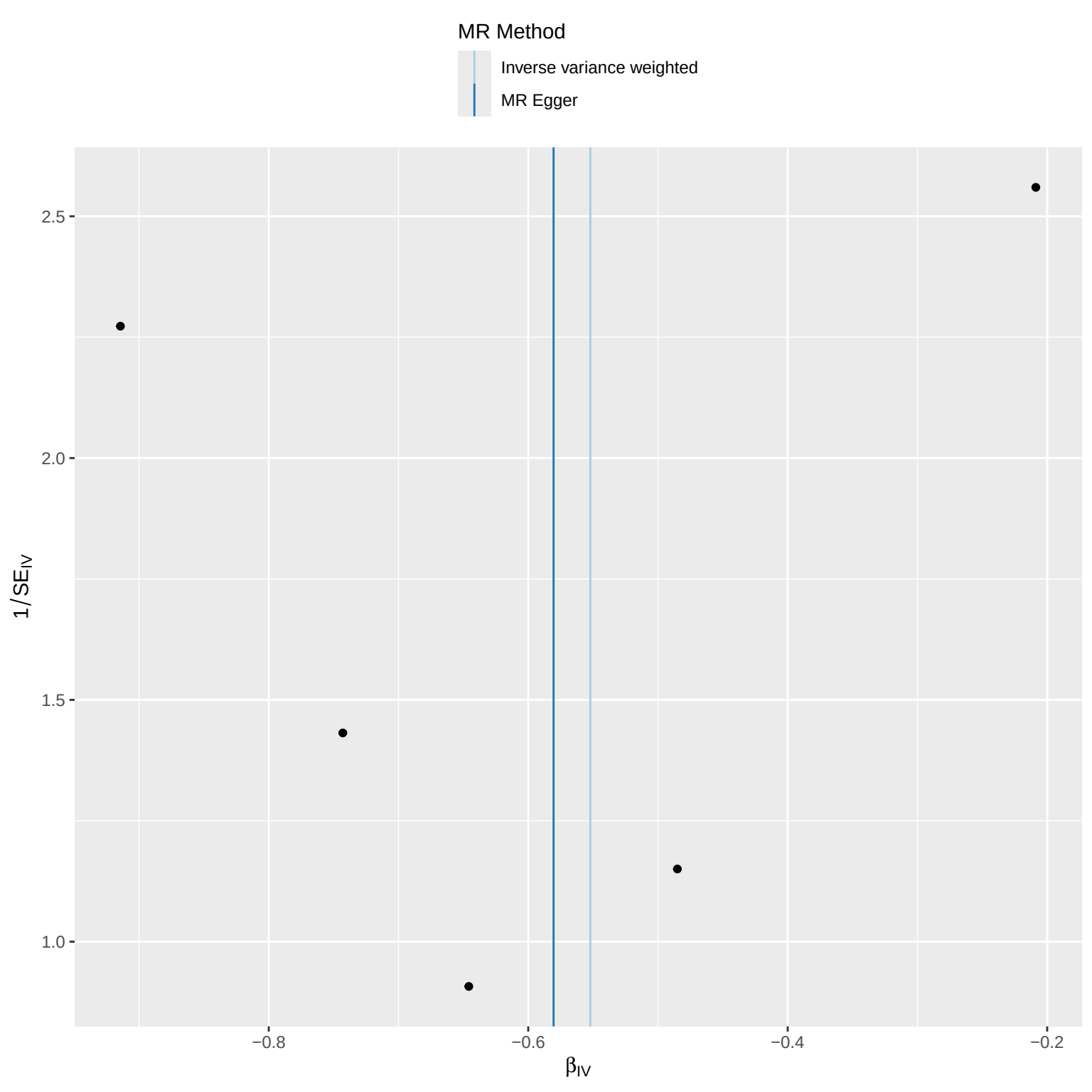

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
0
2
4
β_IV

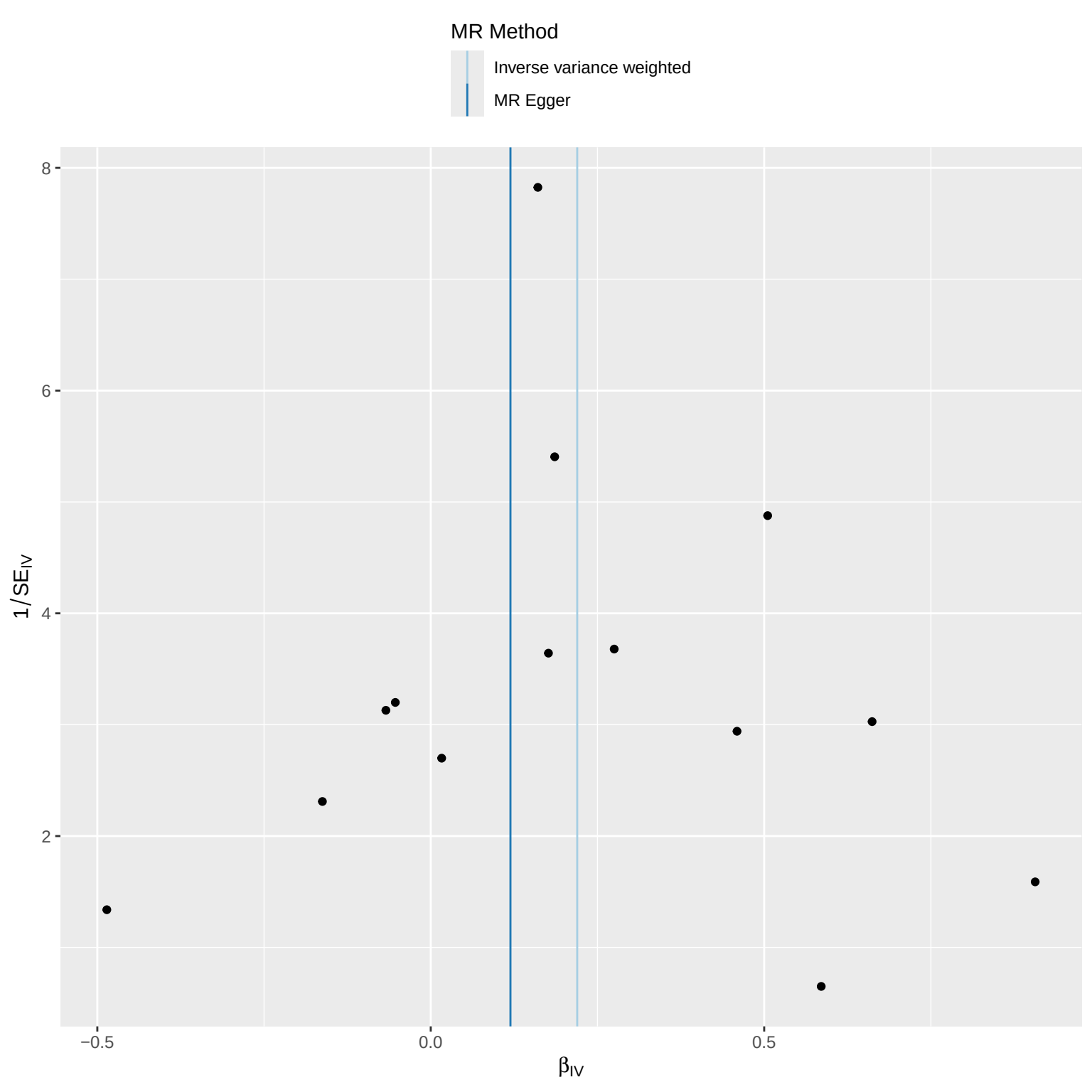

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

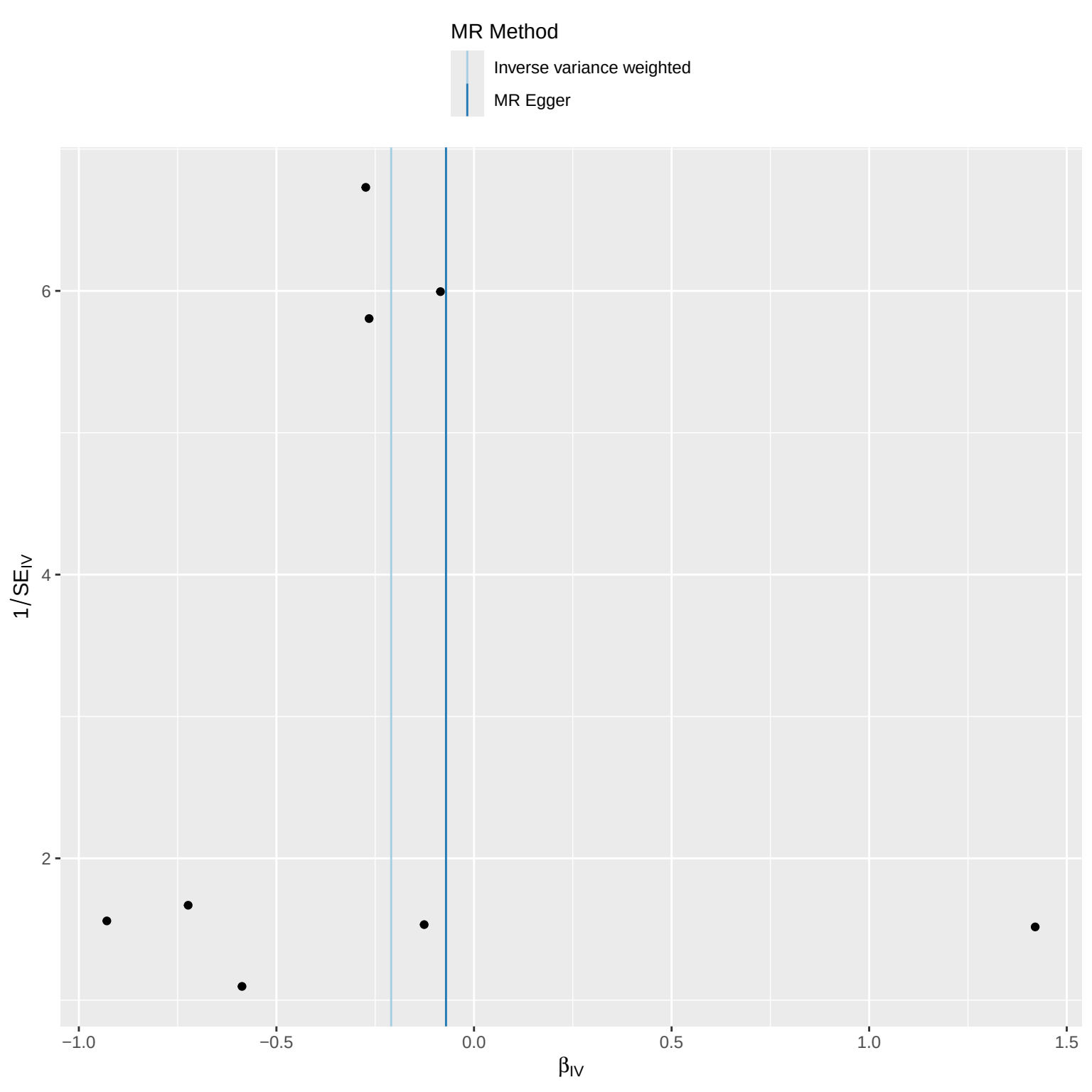

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
4
β_IV

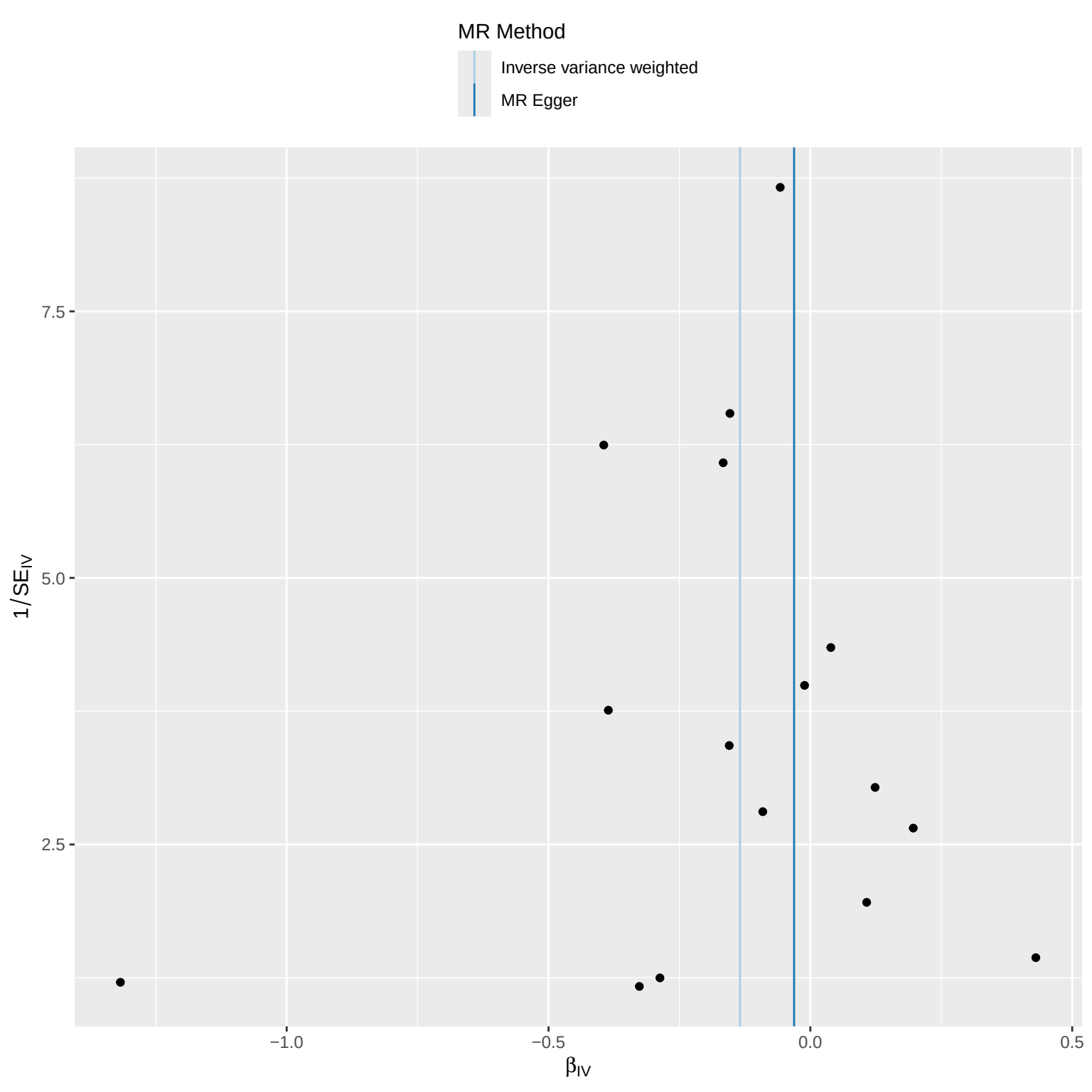

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
β_IV

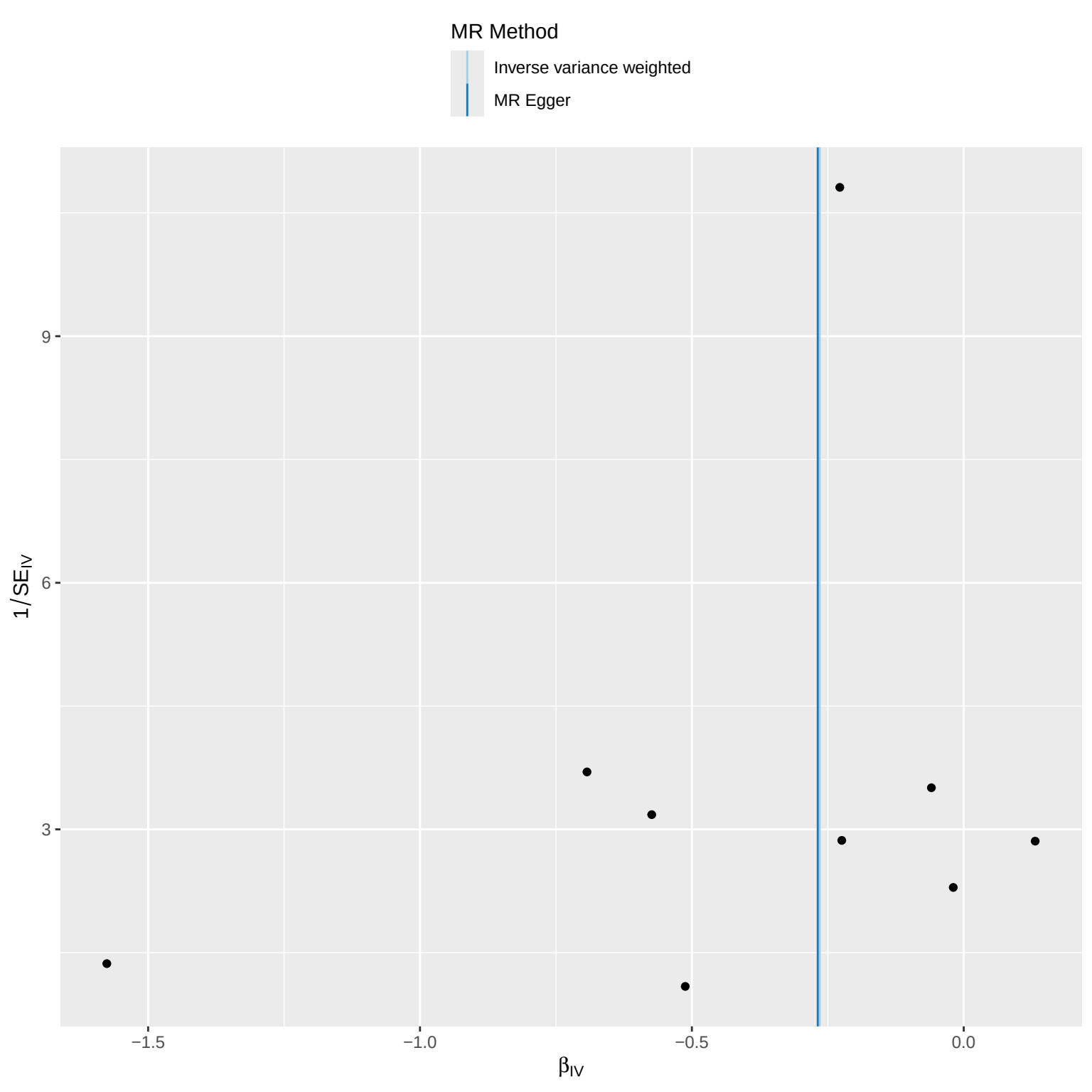

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

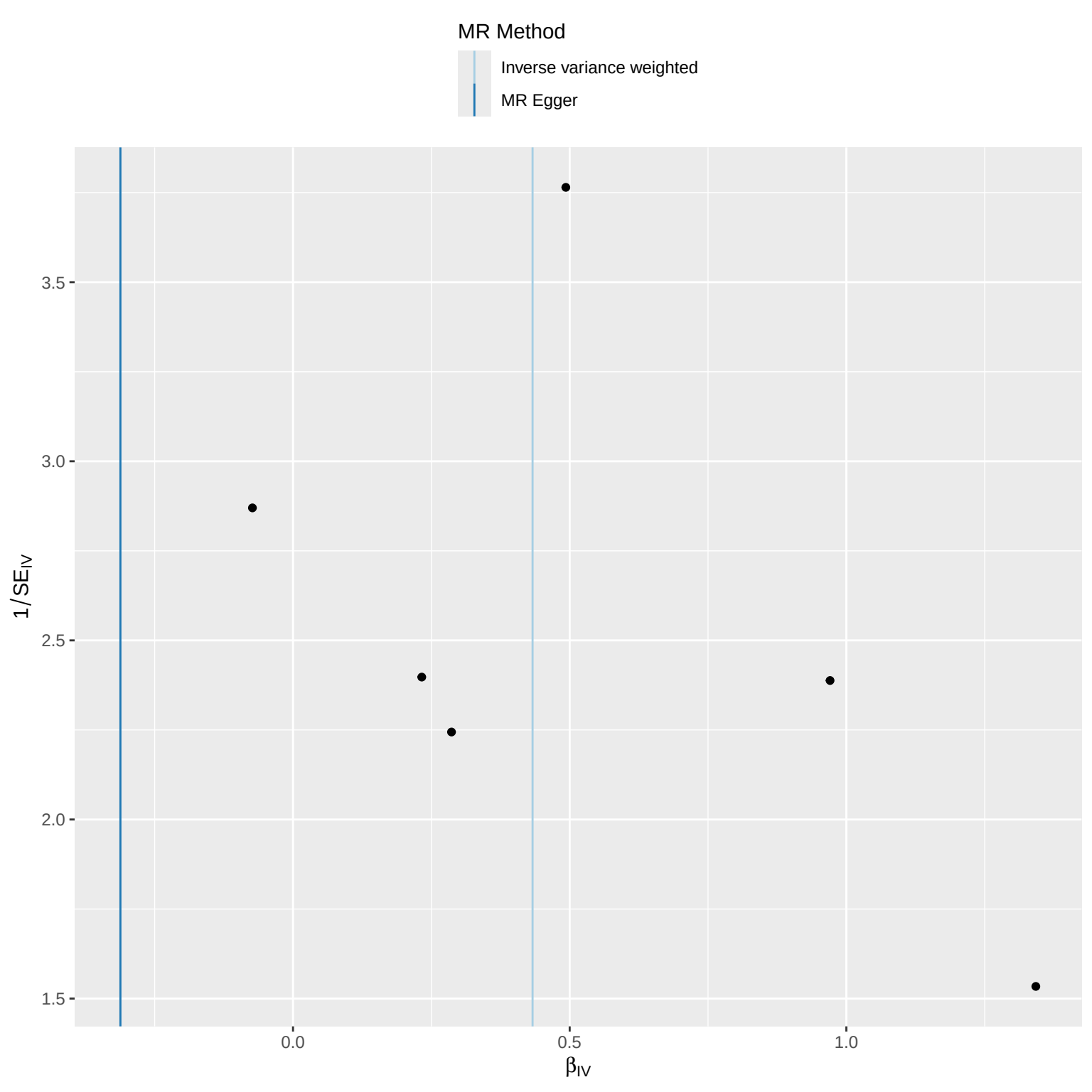

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.8
−0.6
−0.4
−0.2
β_IV

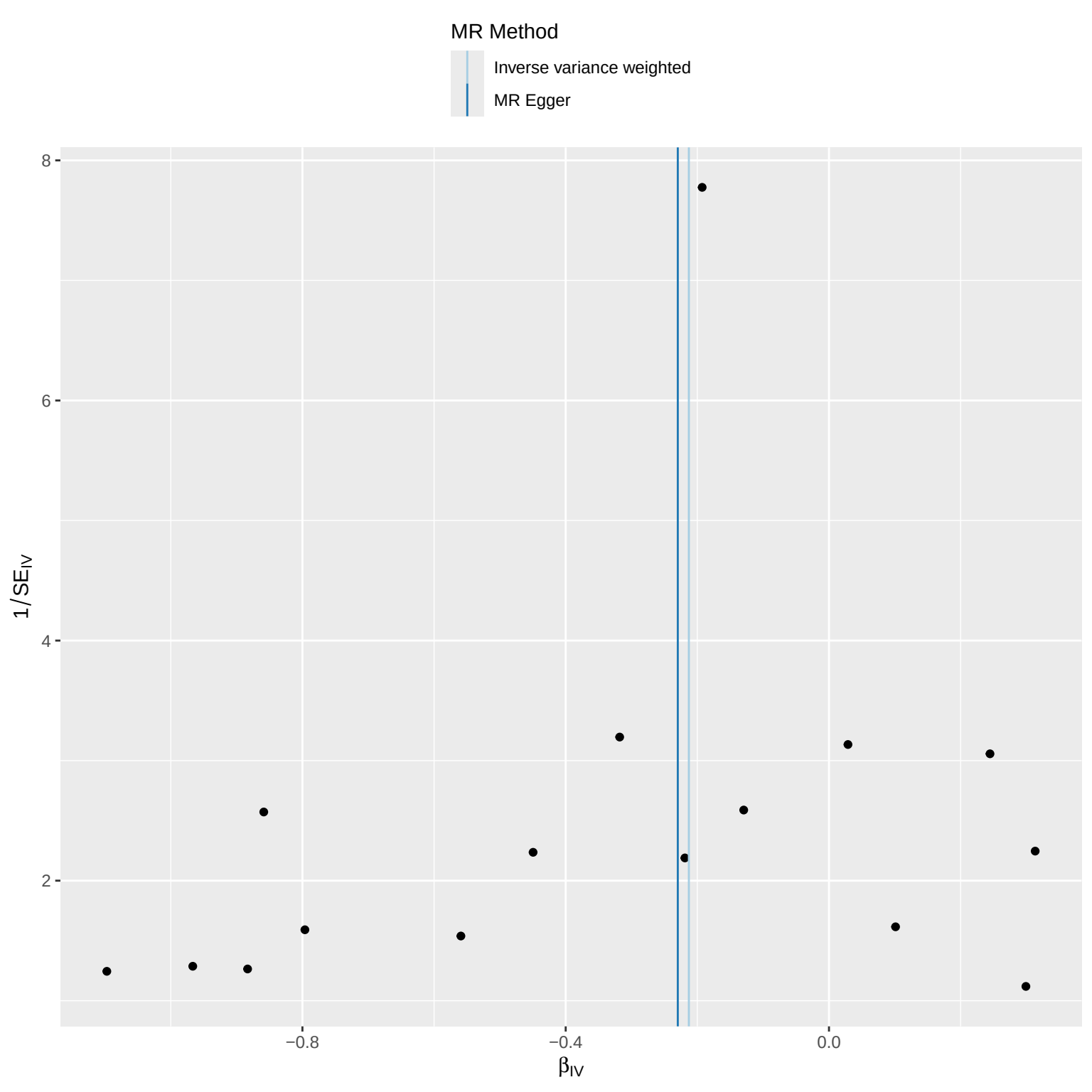

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

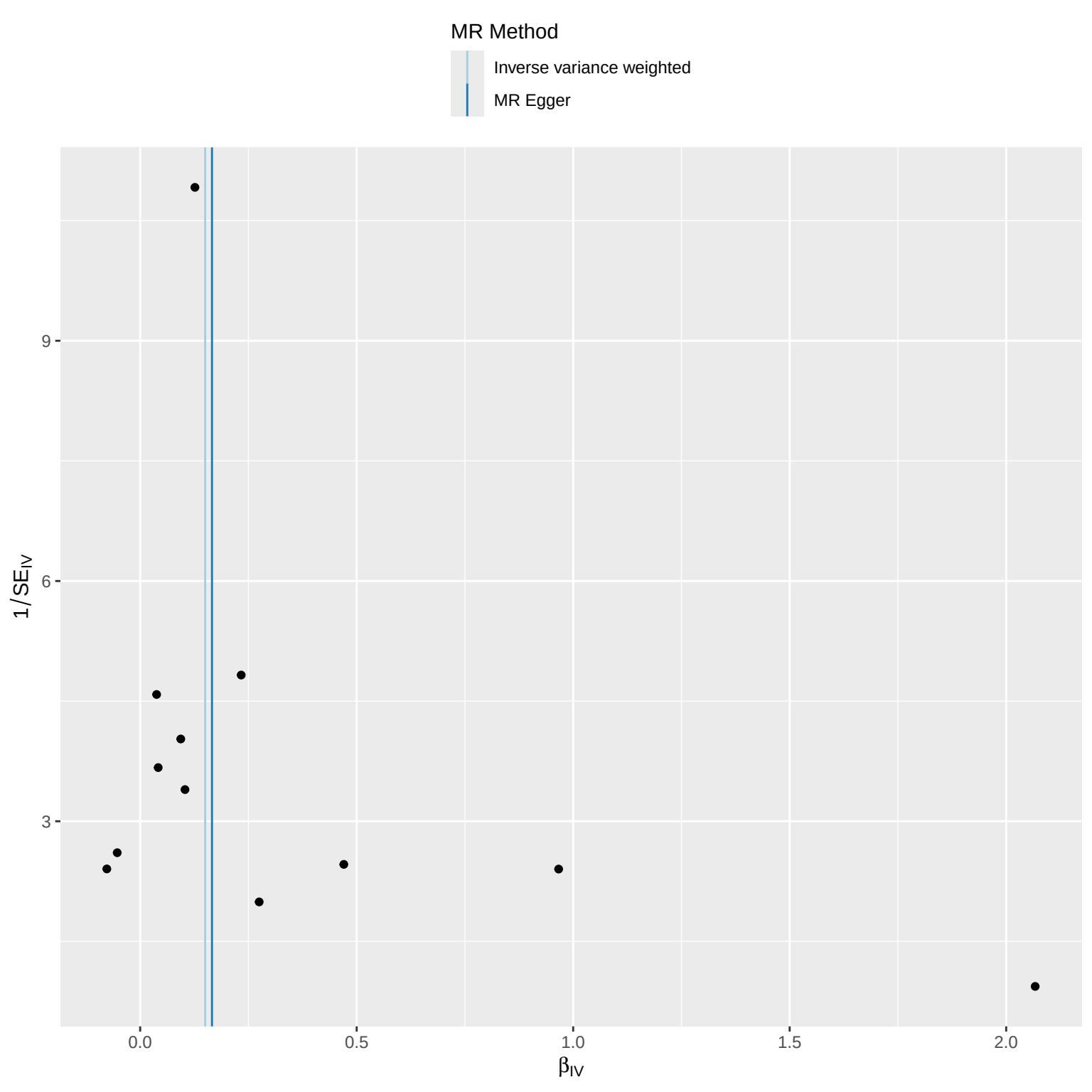

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

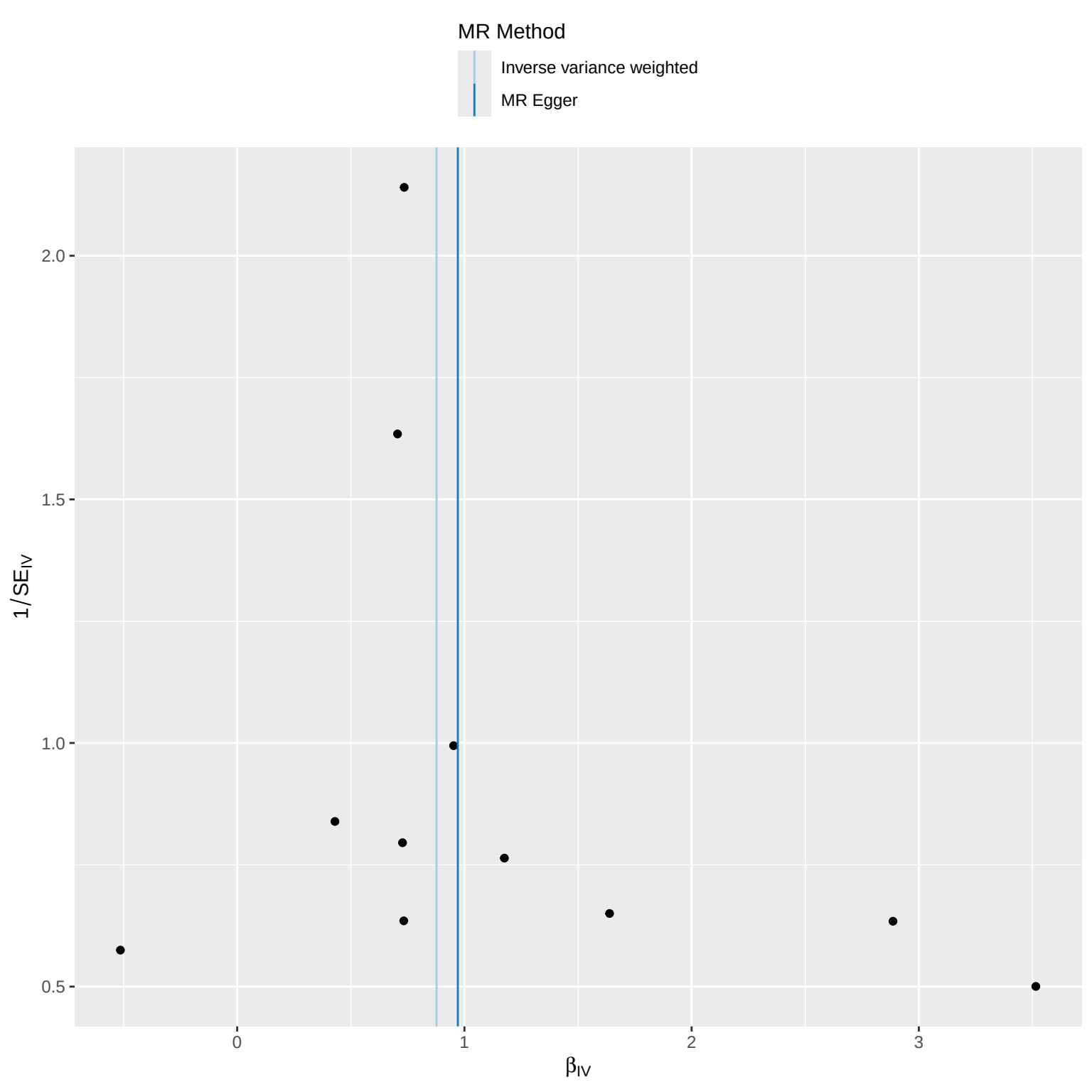

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

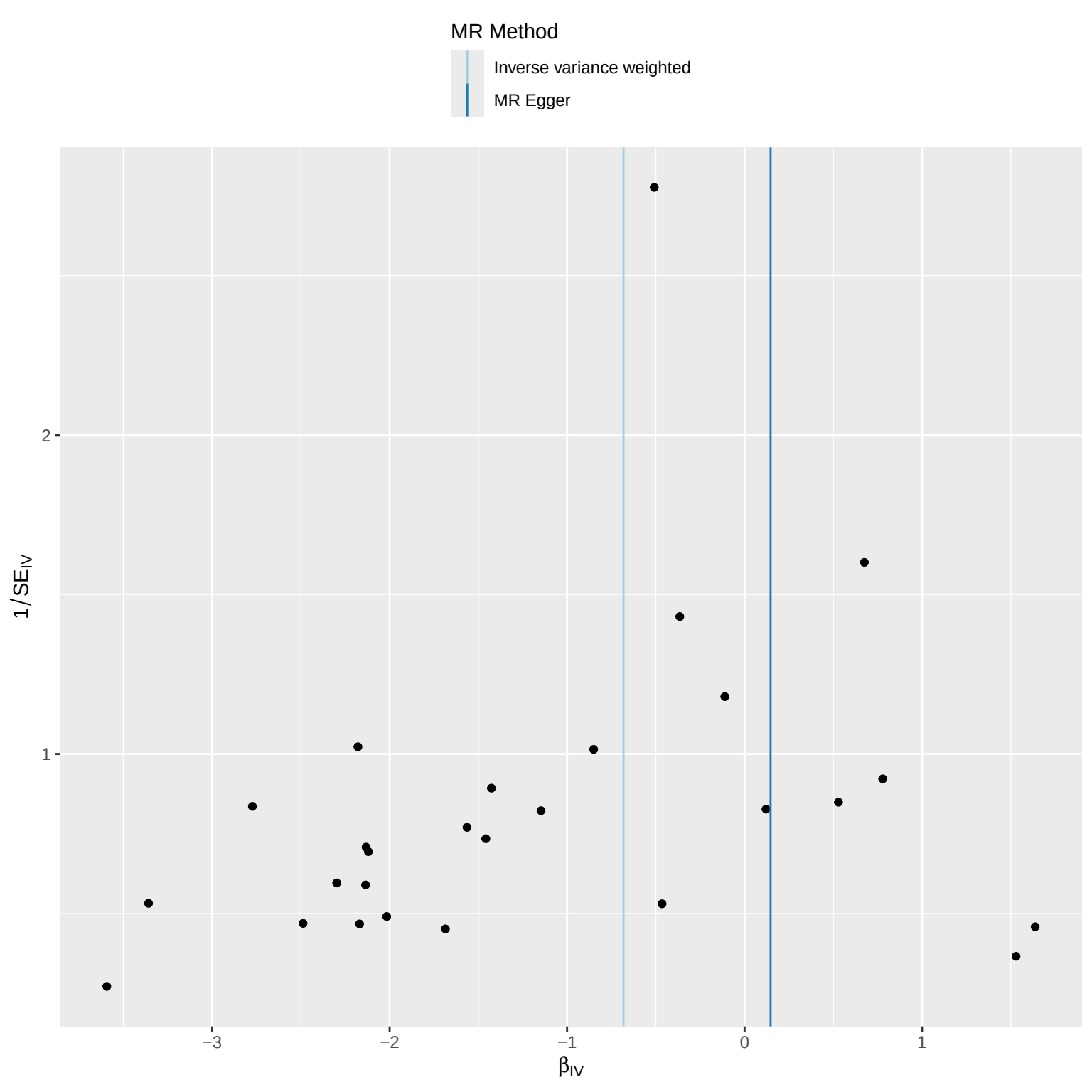

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

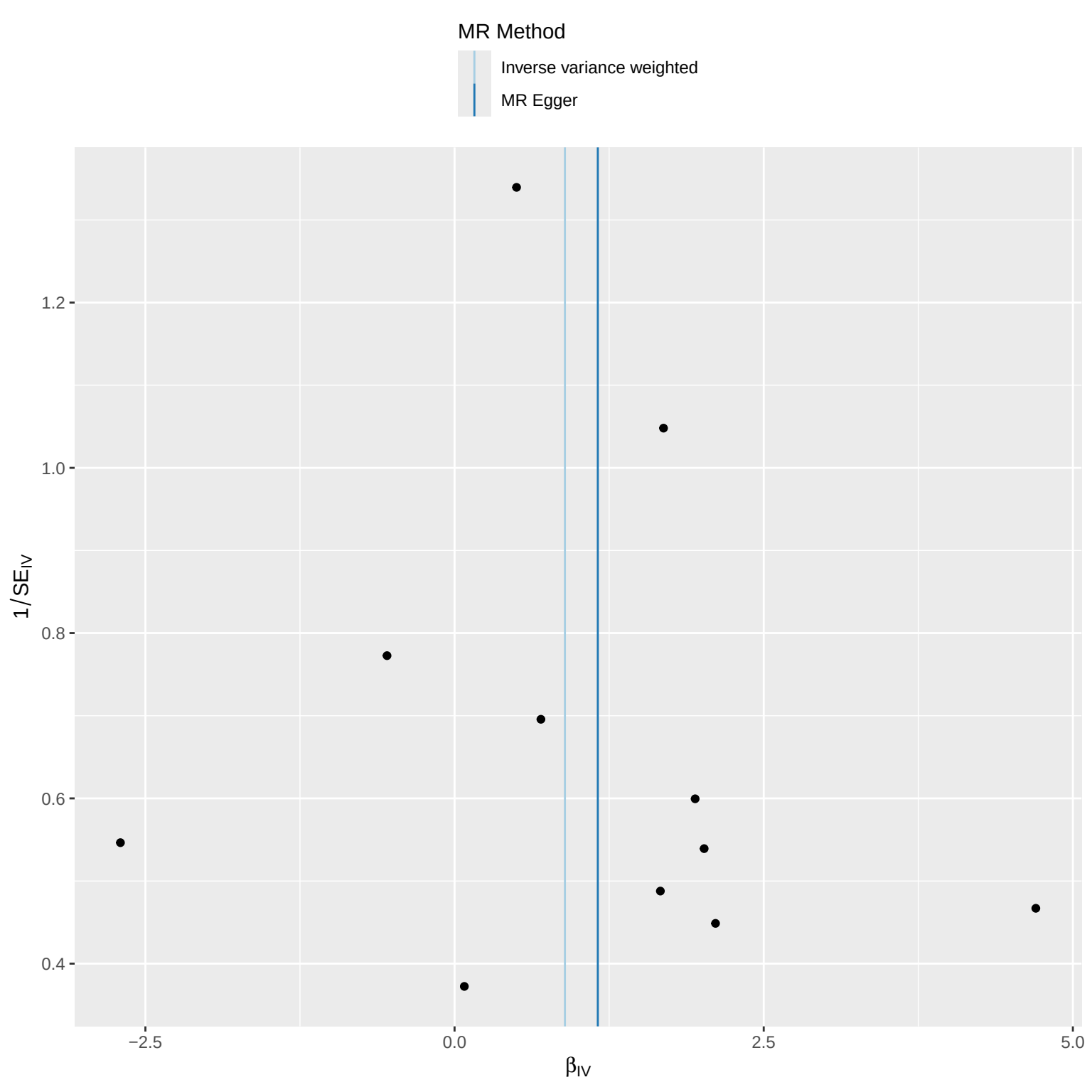

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
0.0
0.5
1.0
β_IV

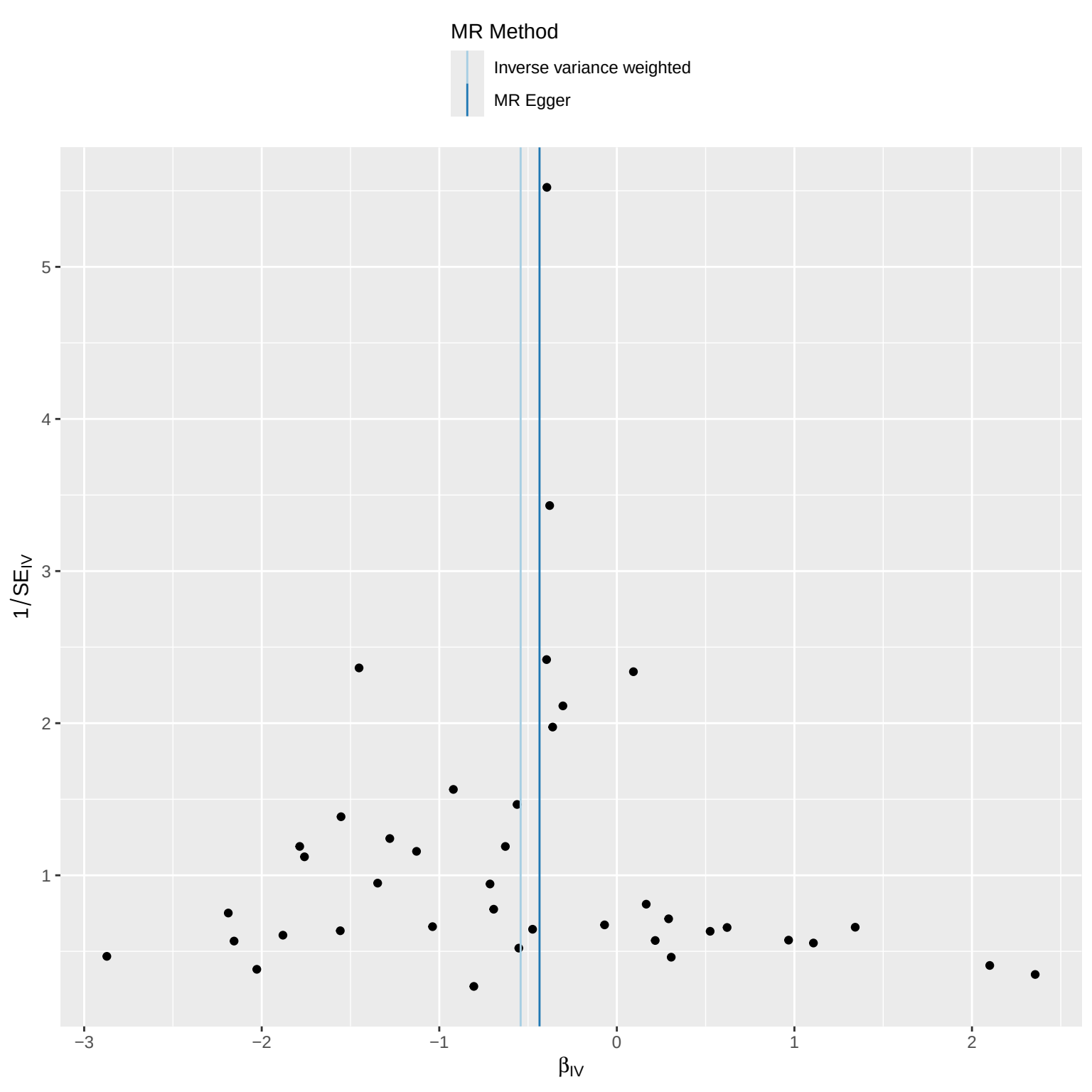

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.8
−0.4
0.0
β_IV

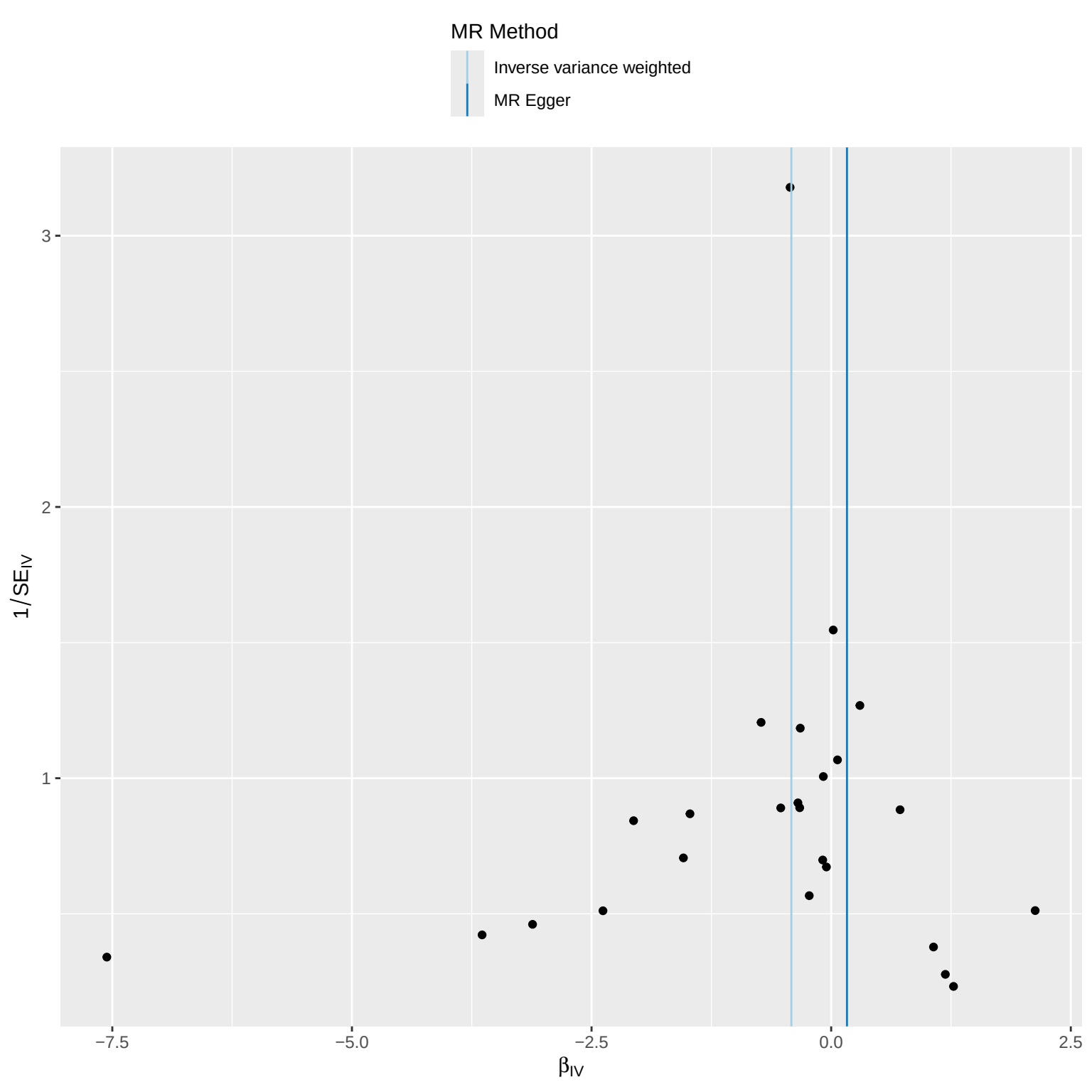

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

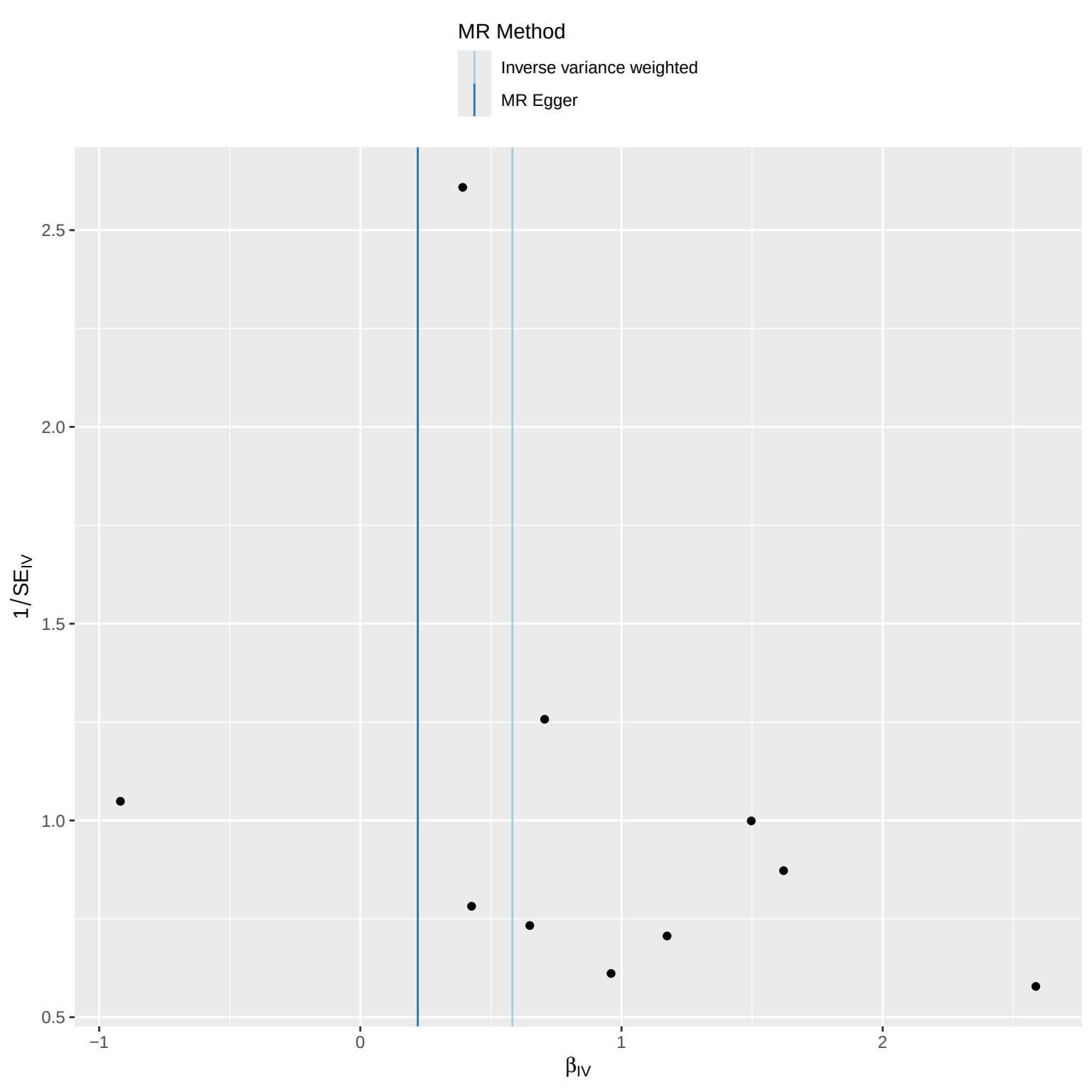

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

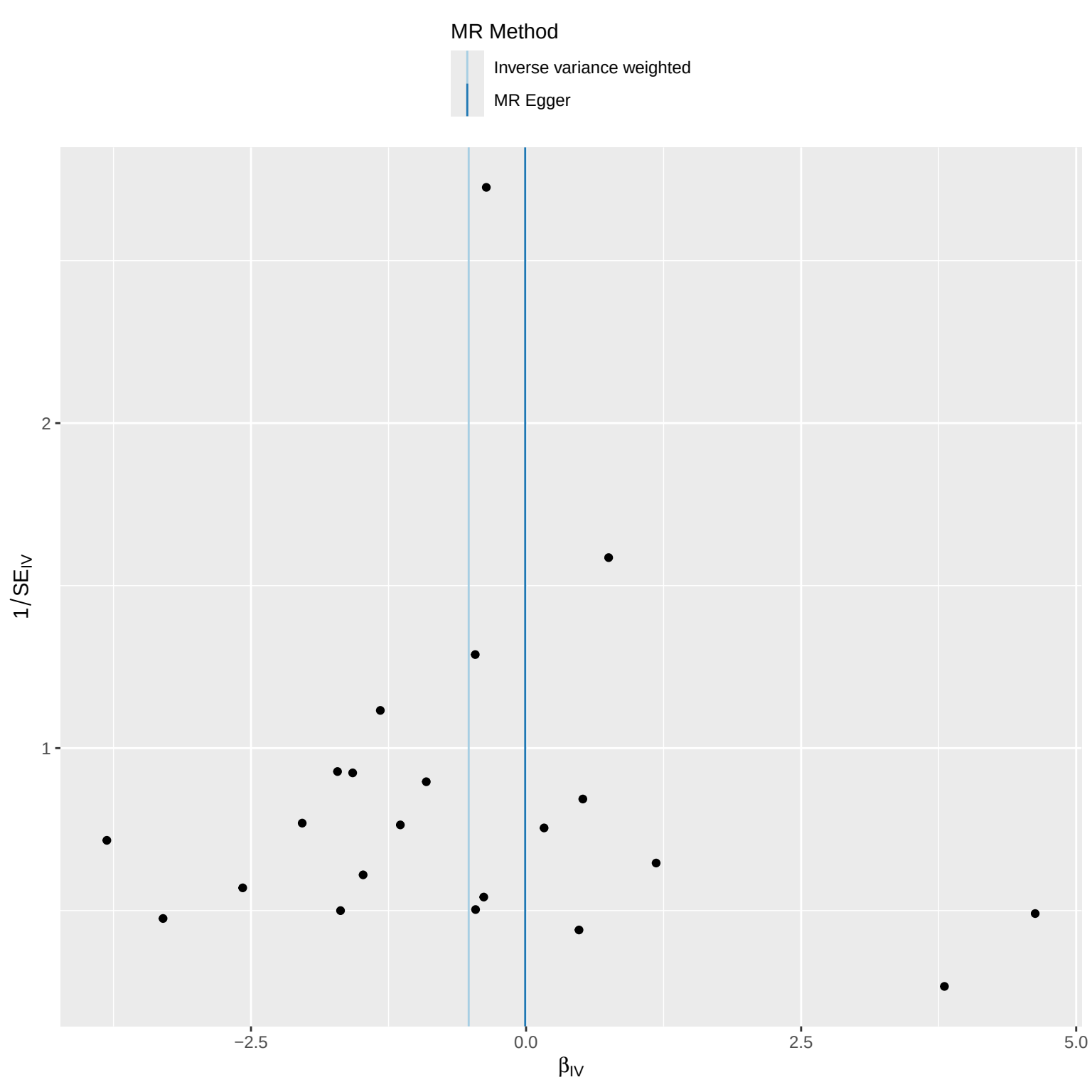

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

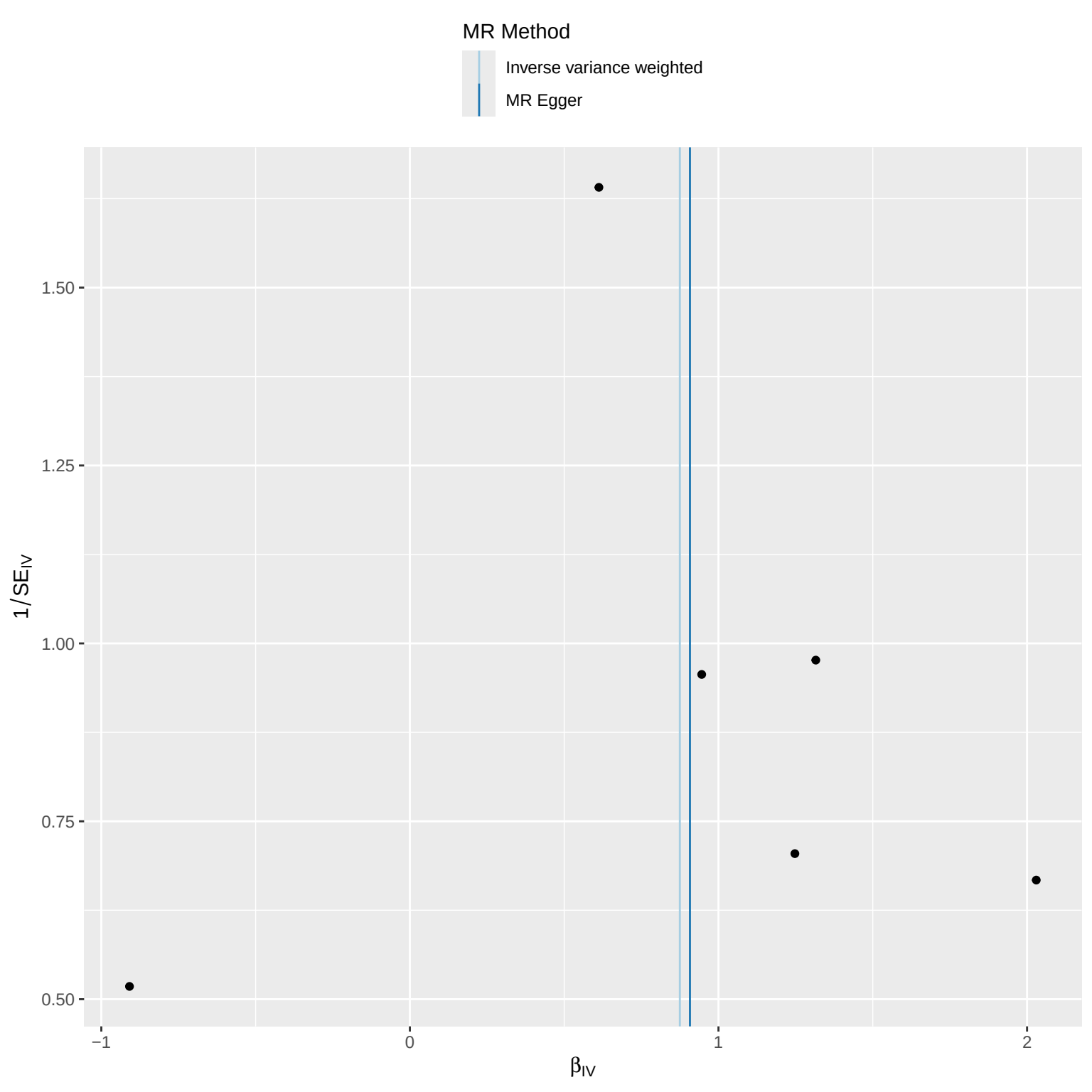

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

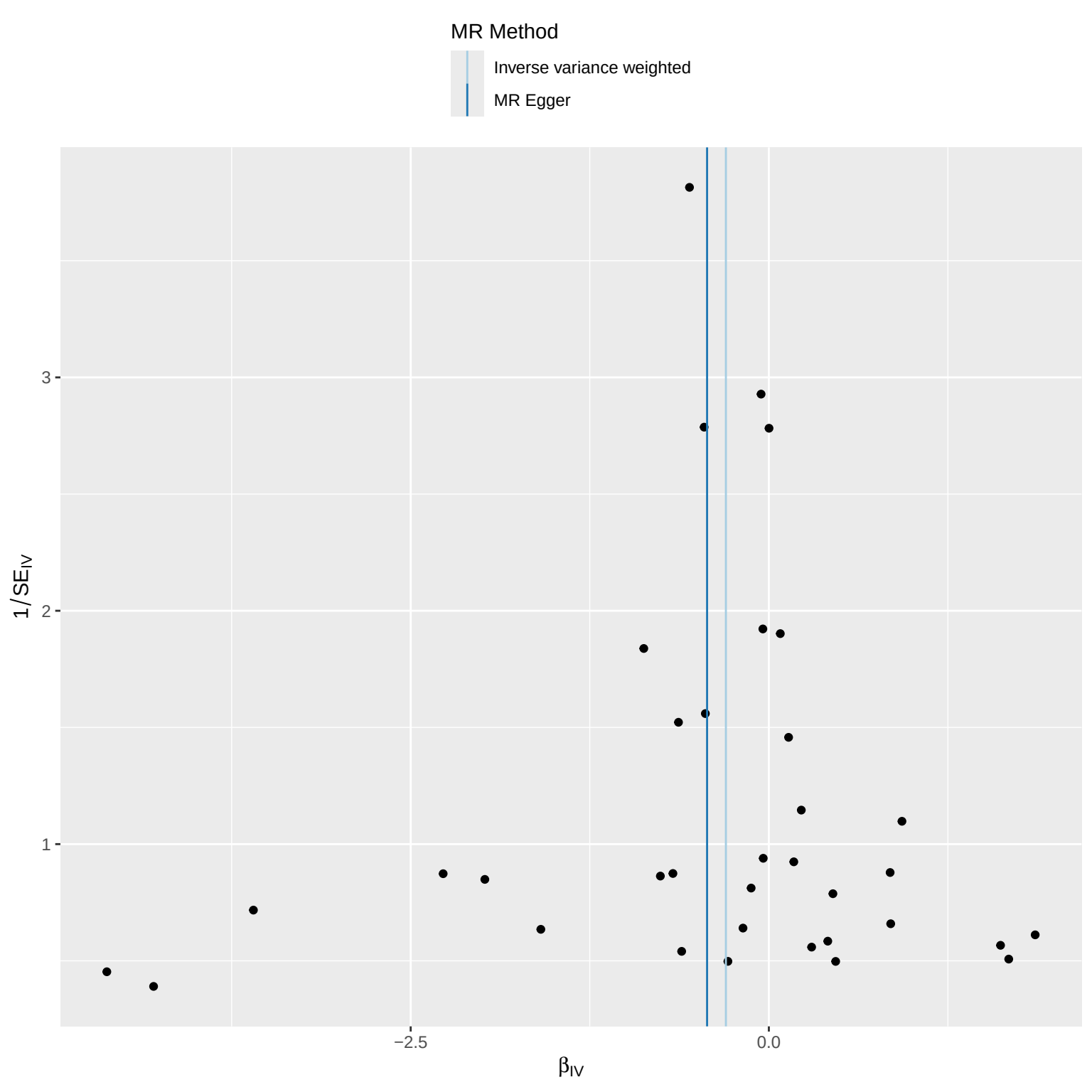

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−3
−2
−1
0
1
2

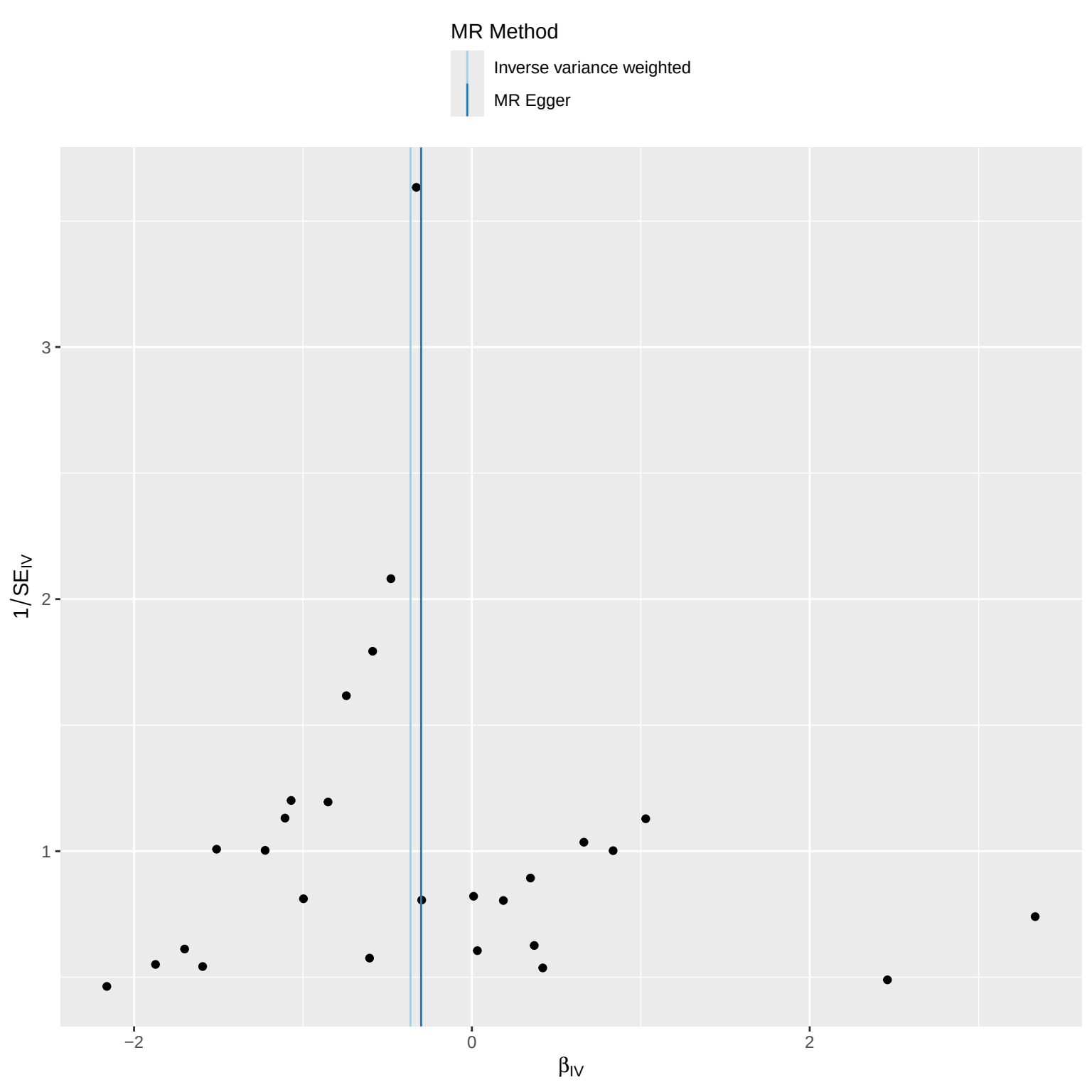

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
β_IV

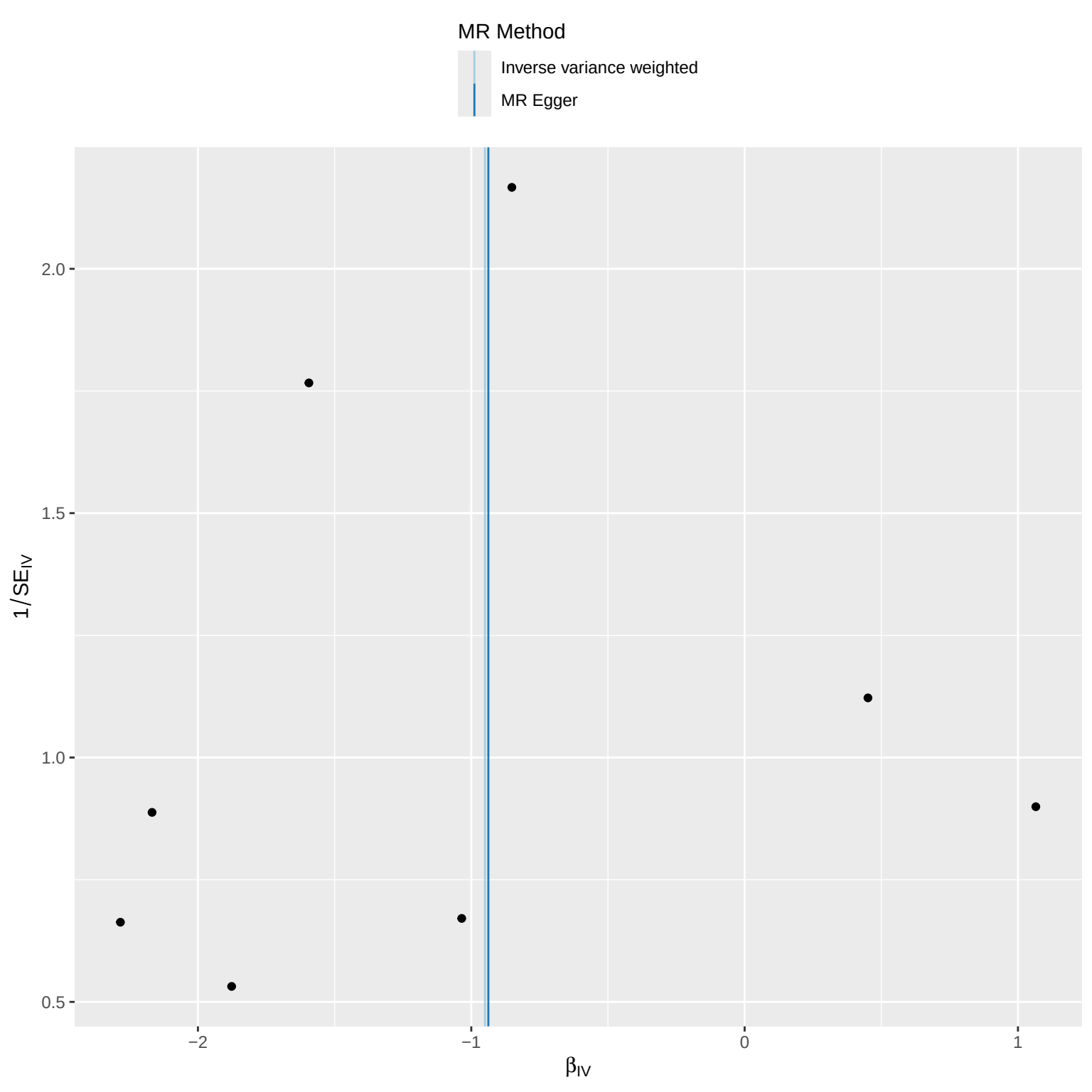

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

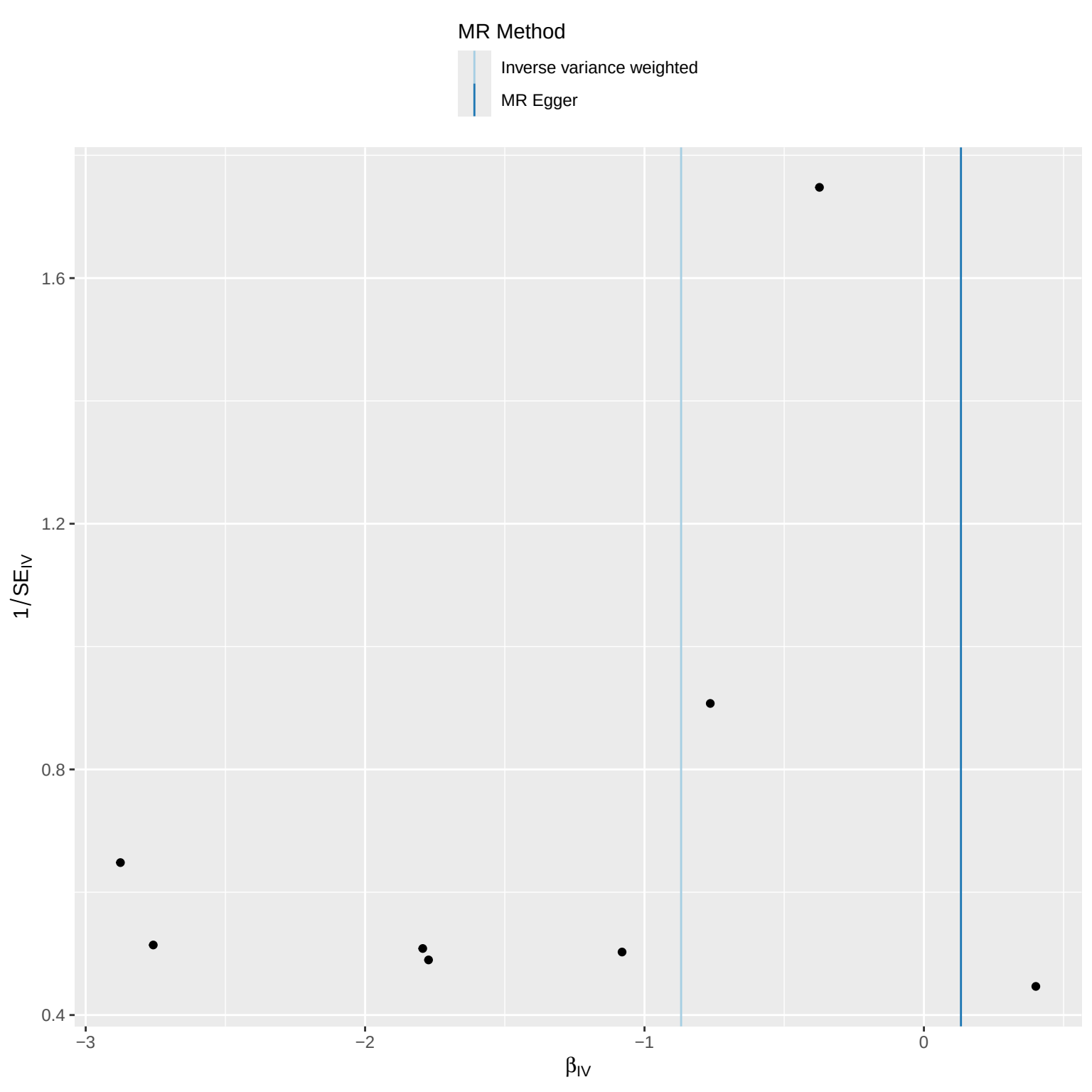

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

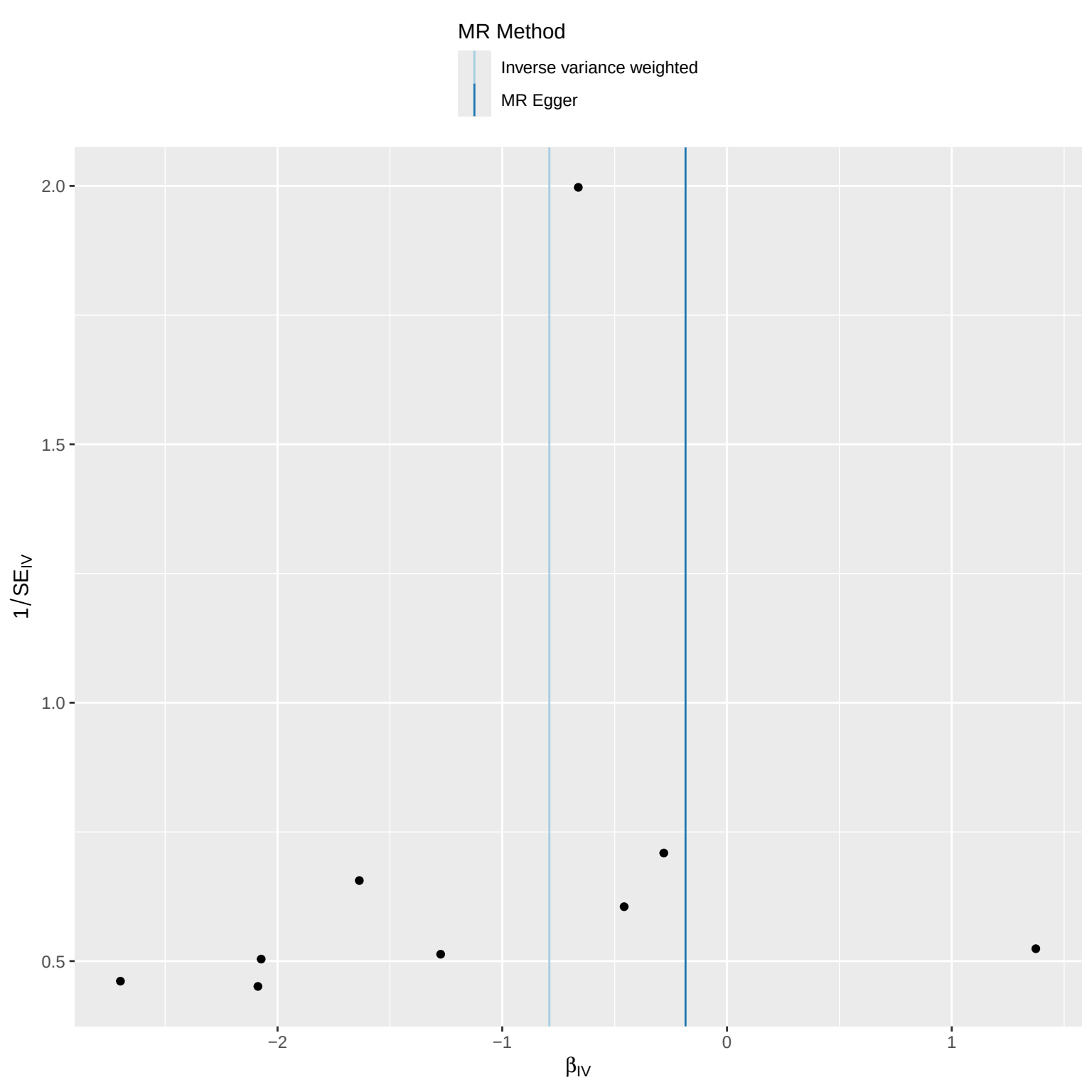

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
β_IV

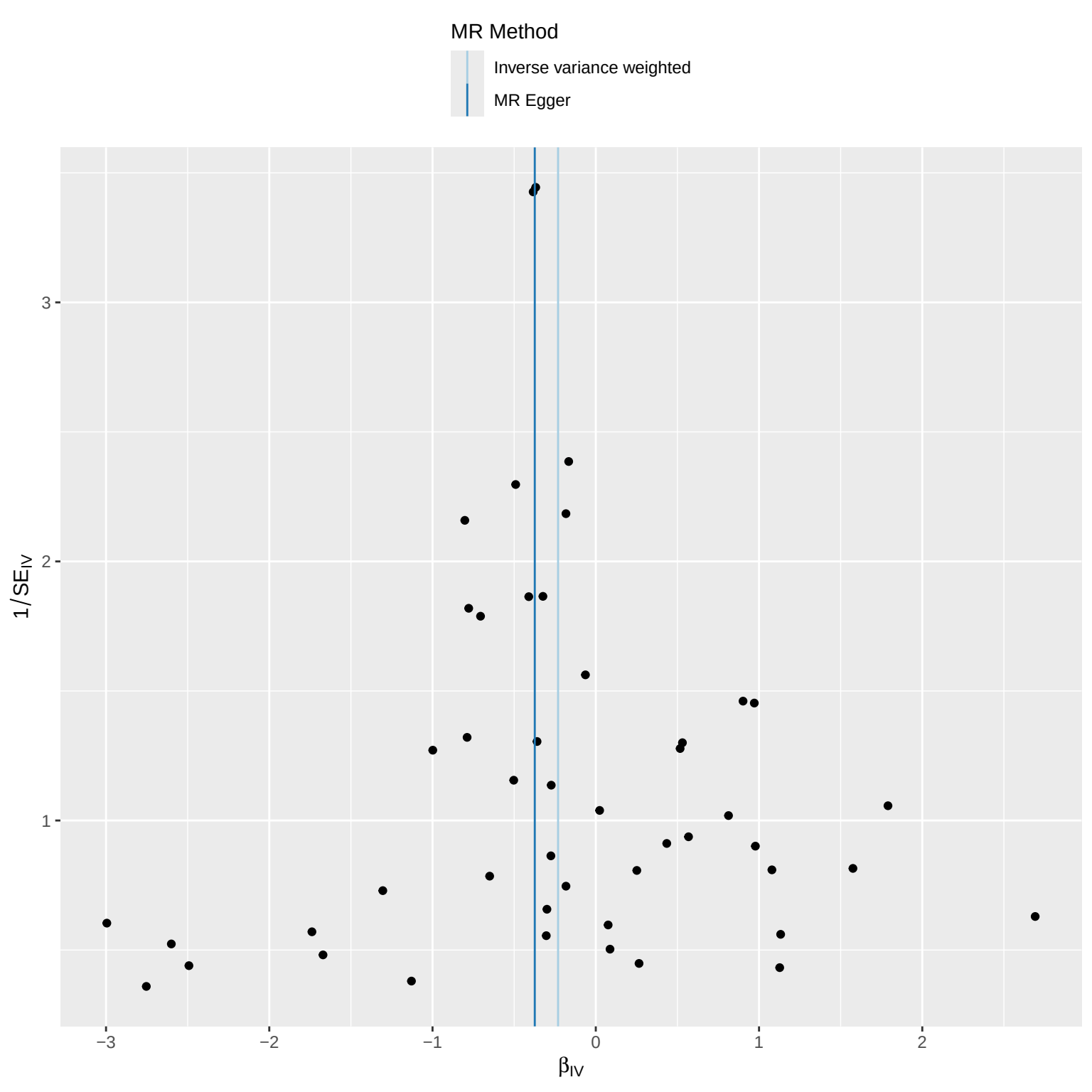

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
β_IV

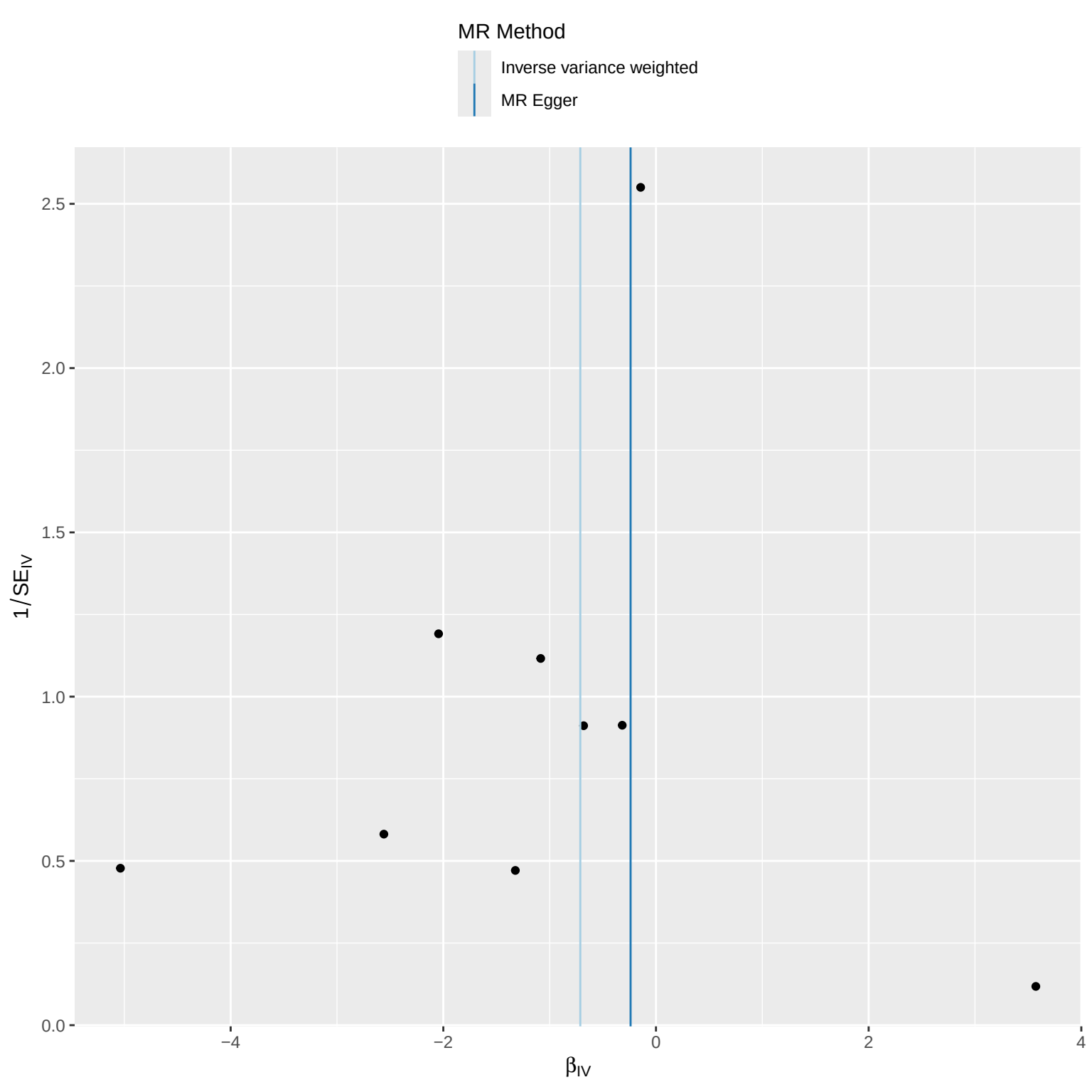

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

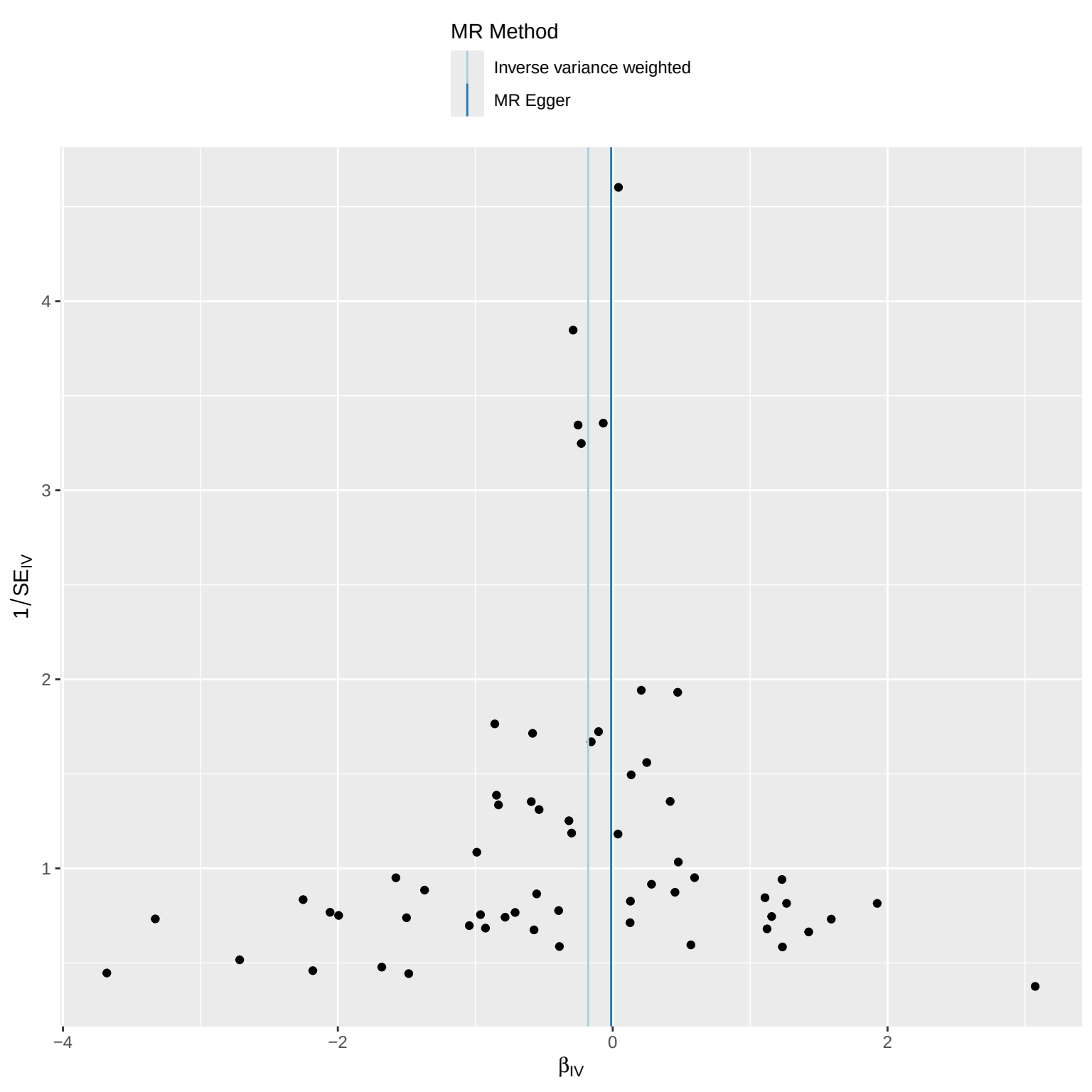

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

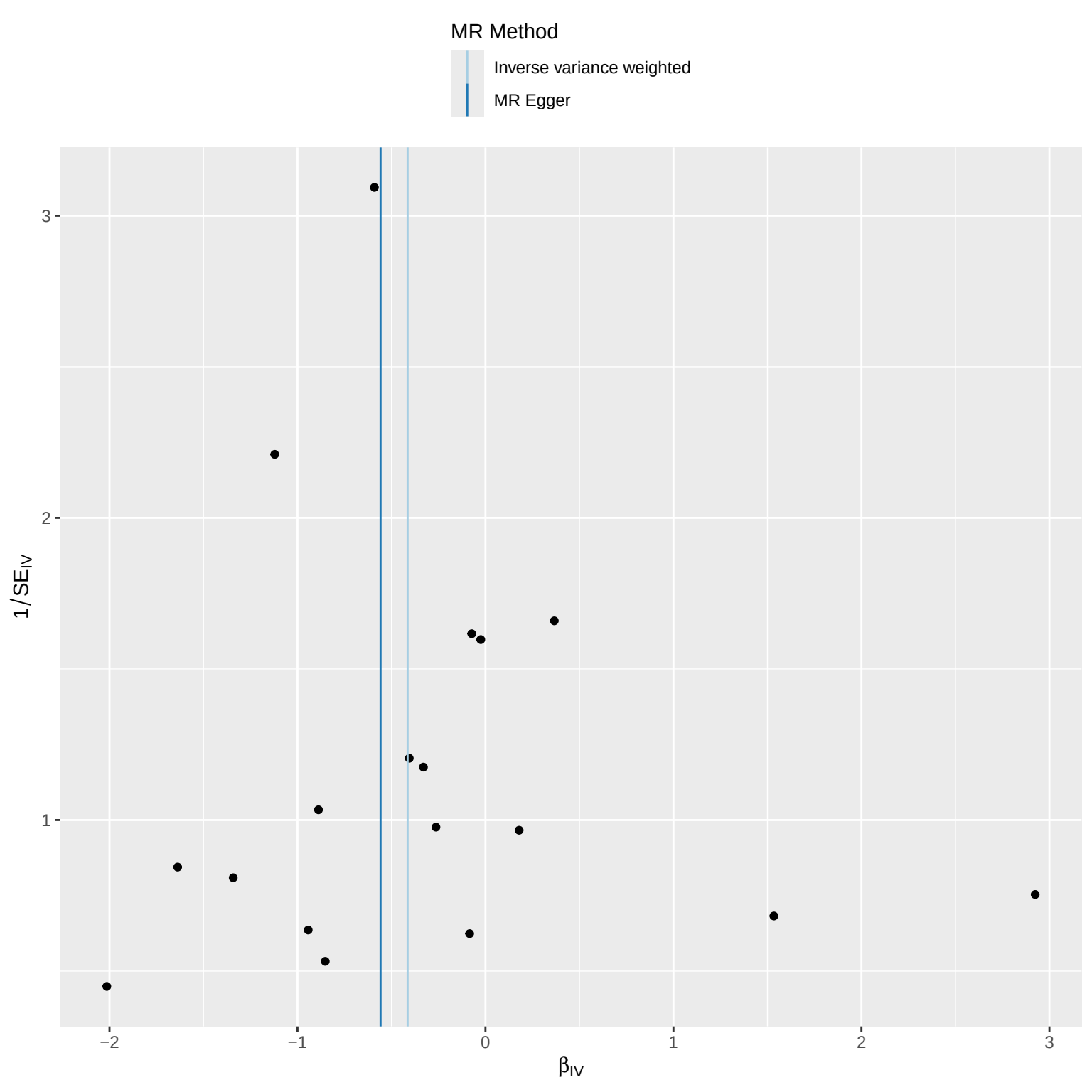

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
β_IV

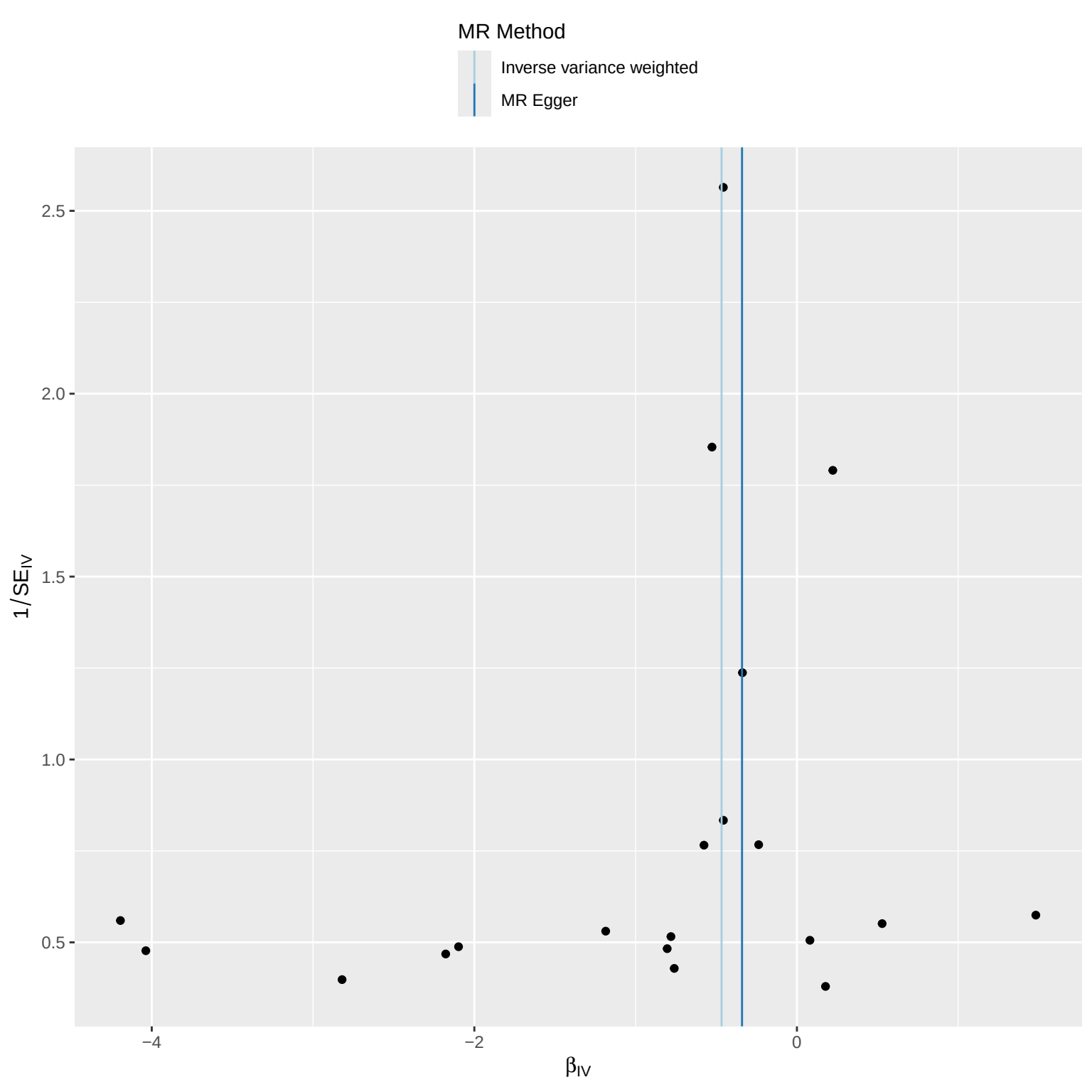

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

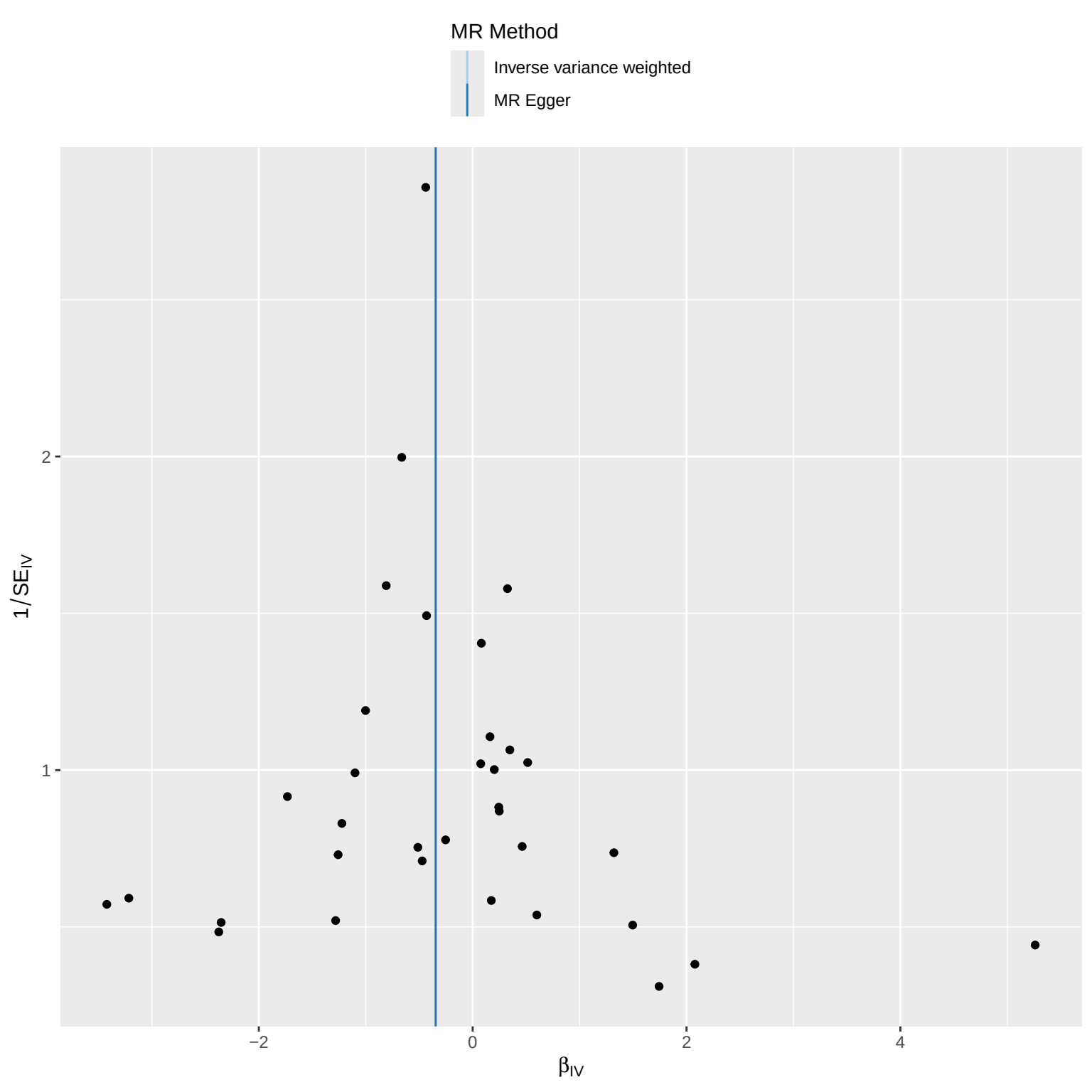

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

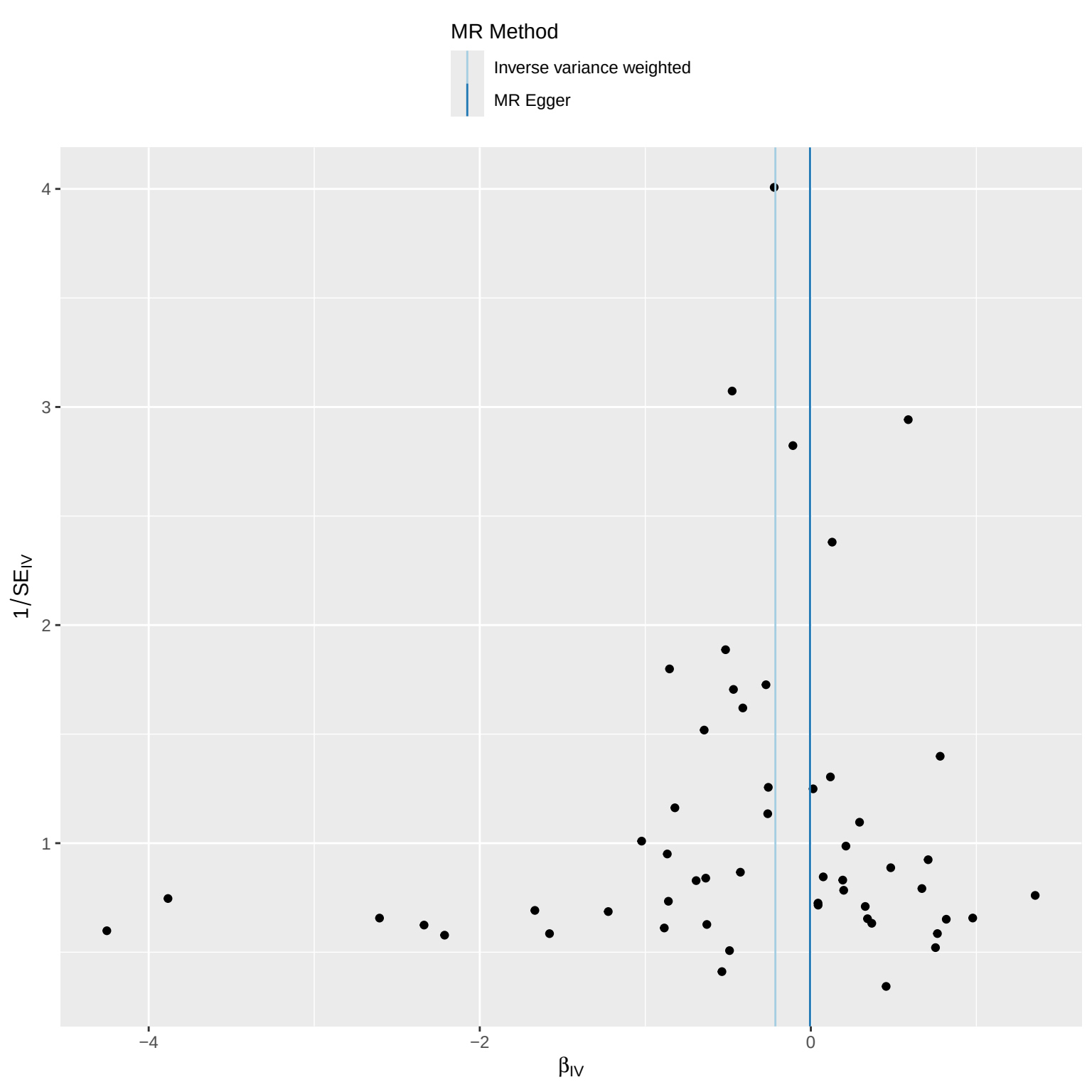

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
0.0
1/SE_IV
−4
−2
0
2
4
β_IV

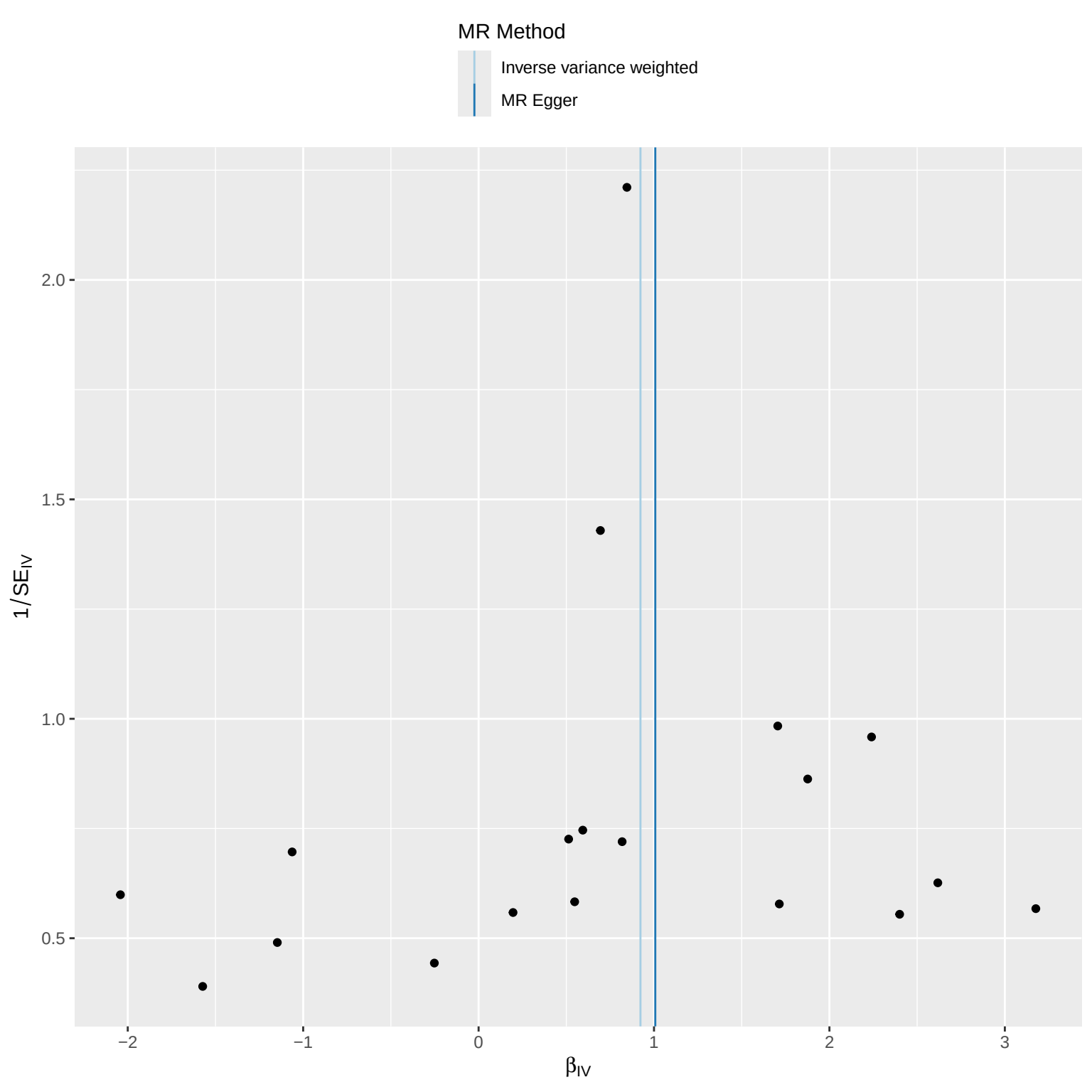

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

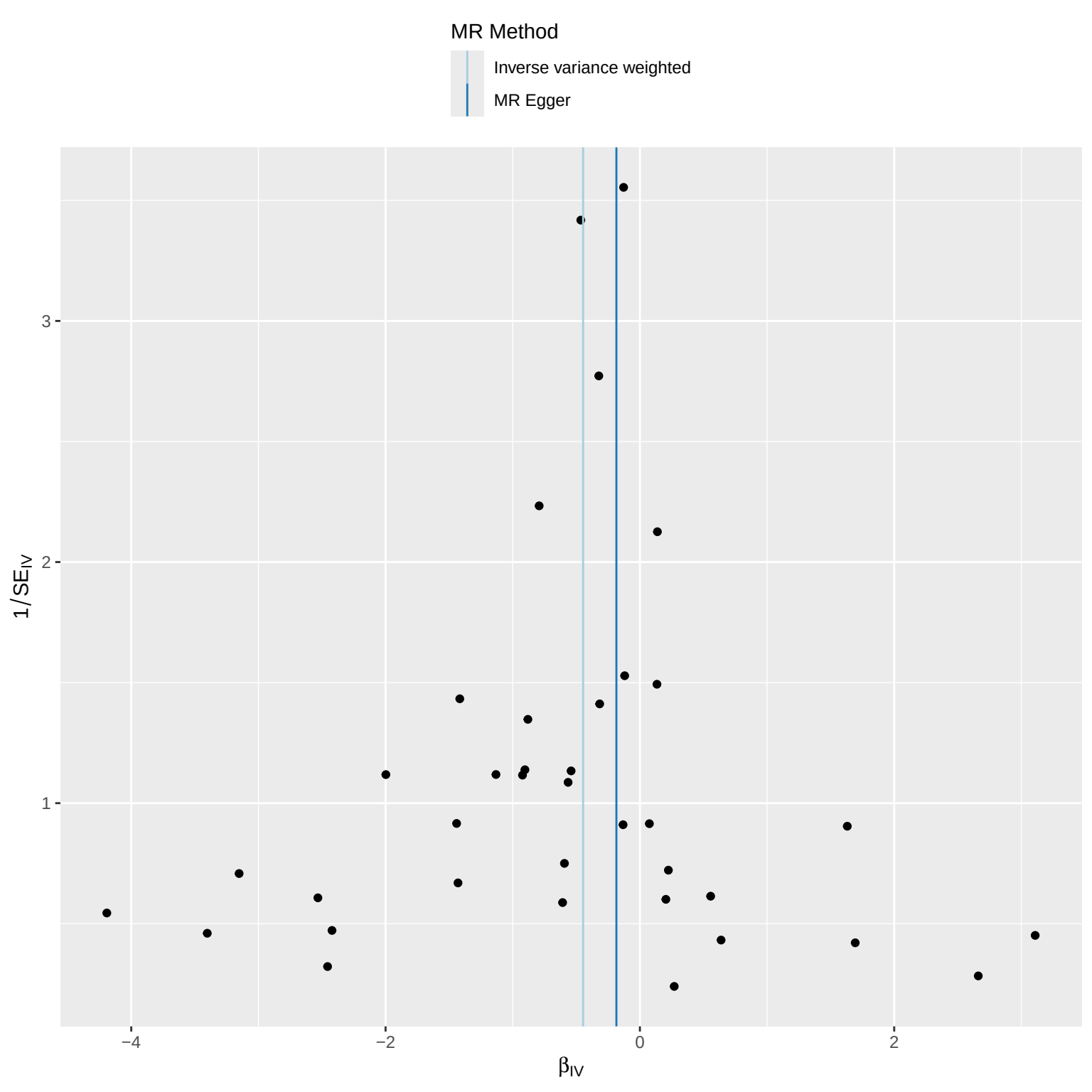

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

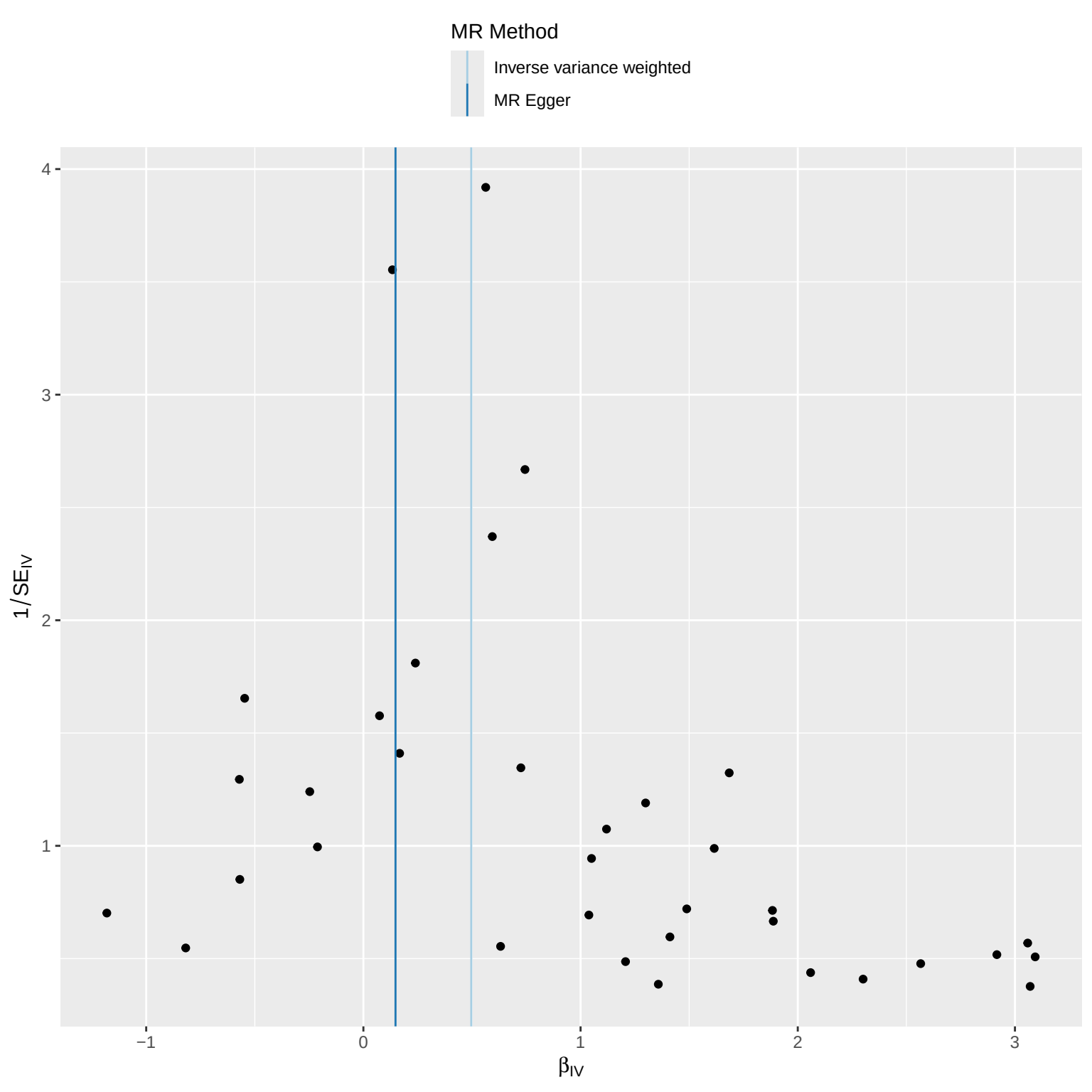

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

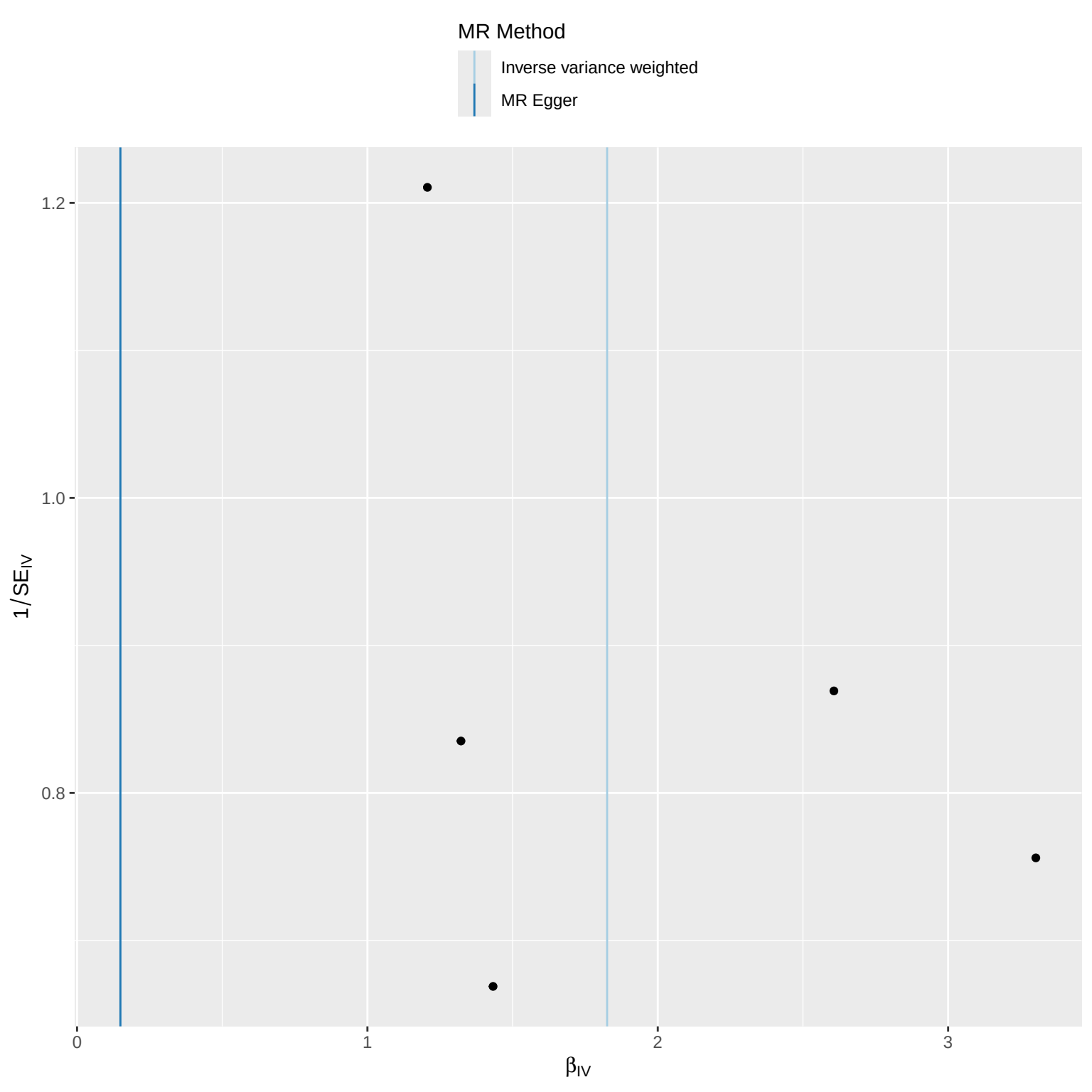

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

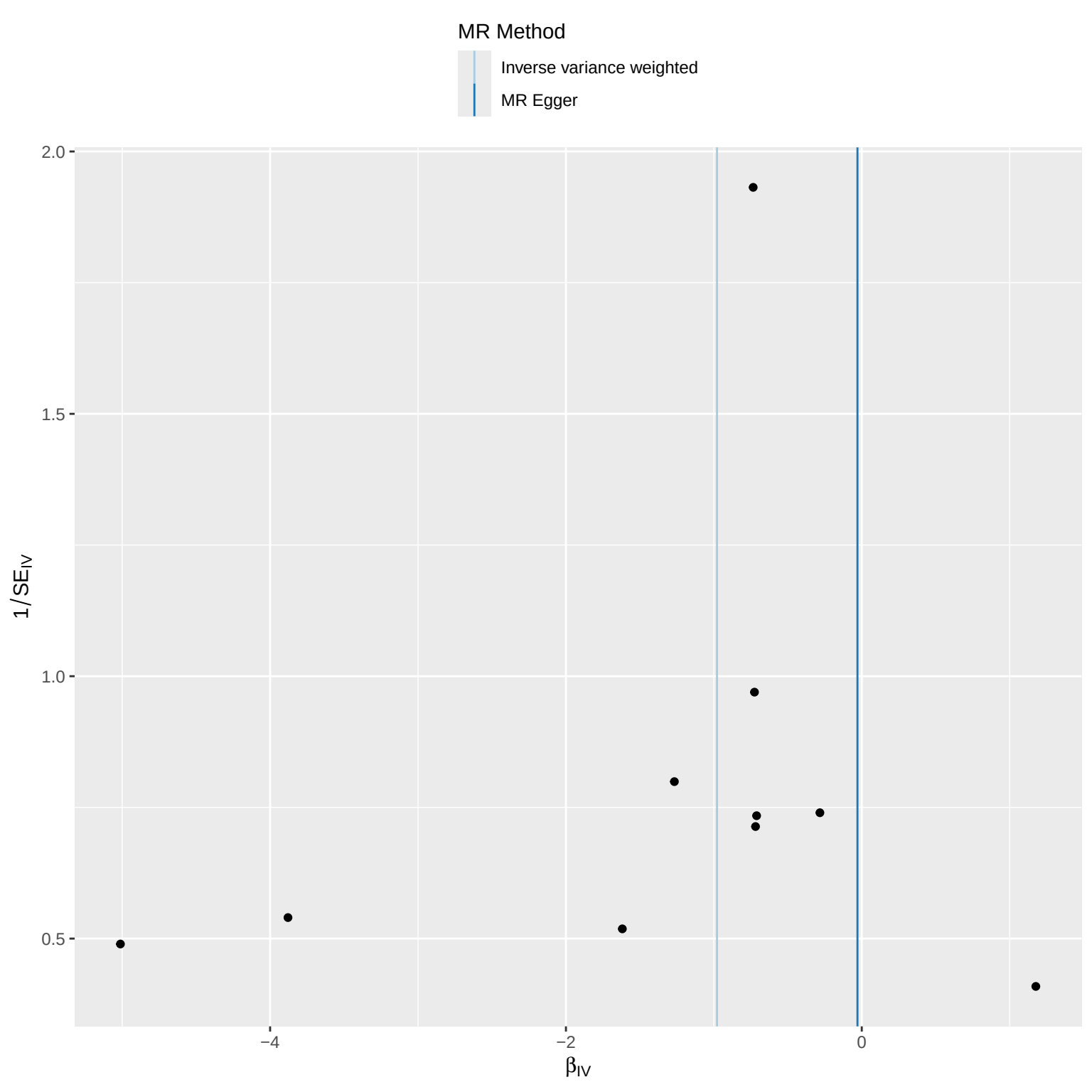

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
β_IV

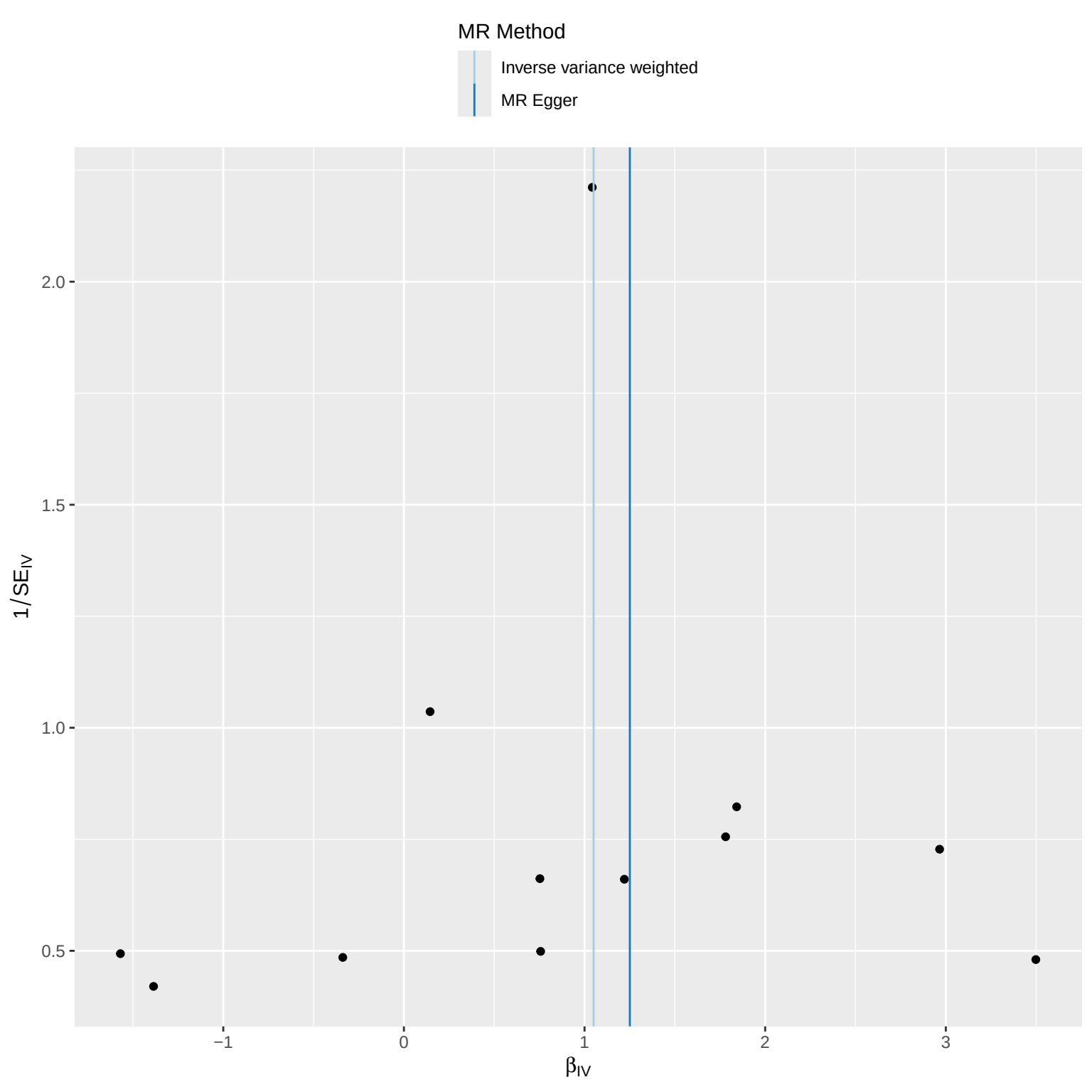

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

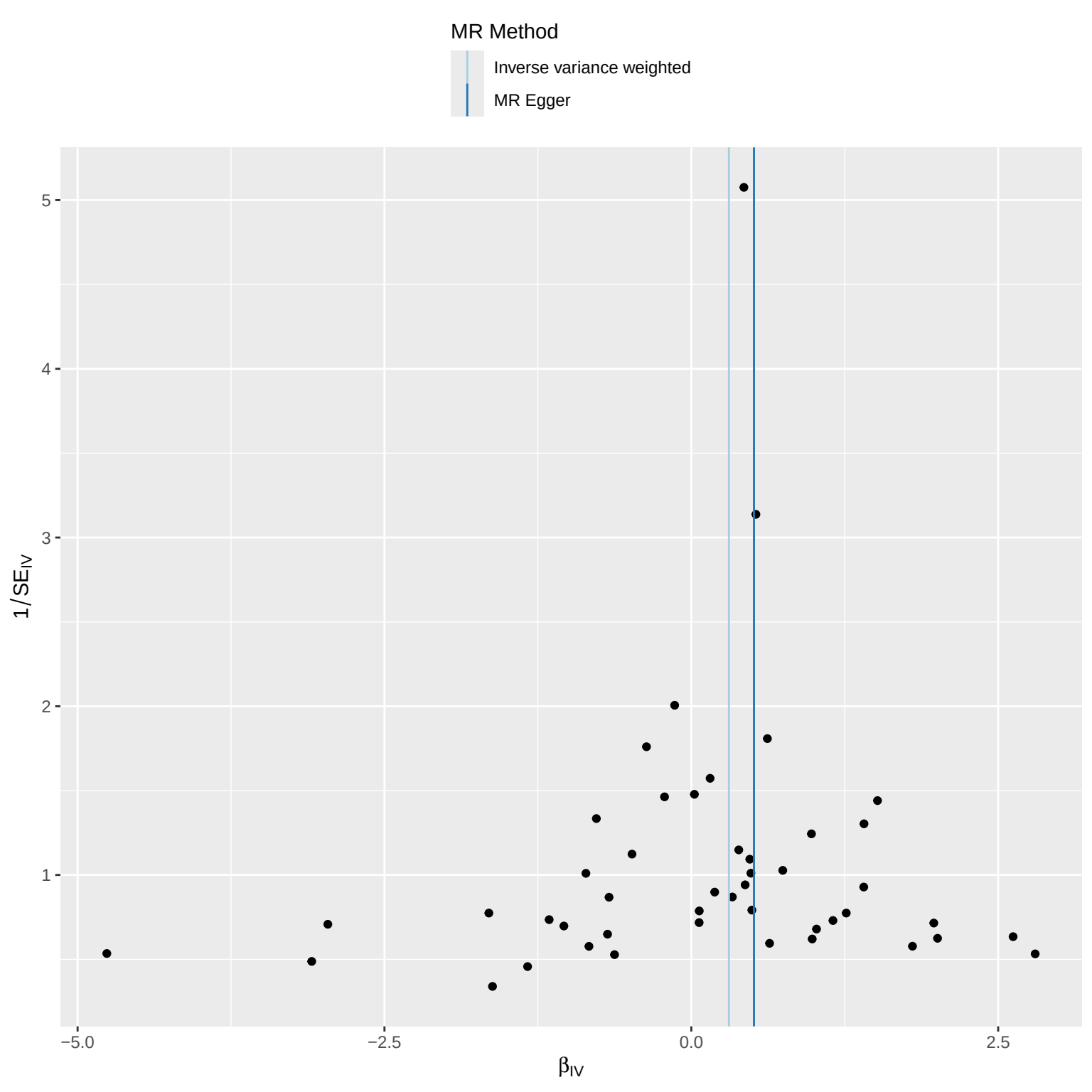

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

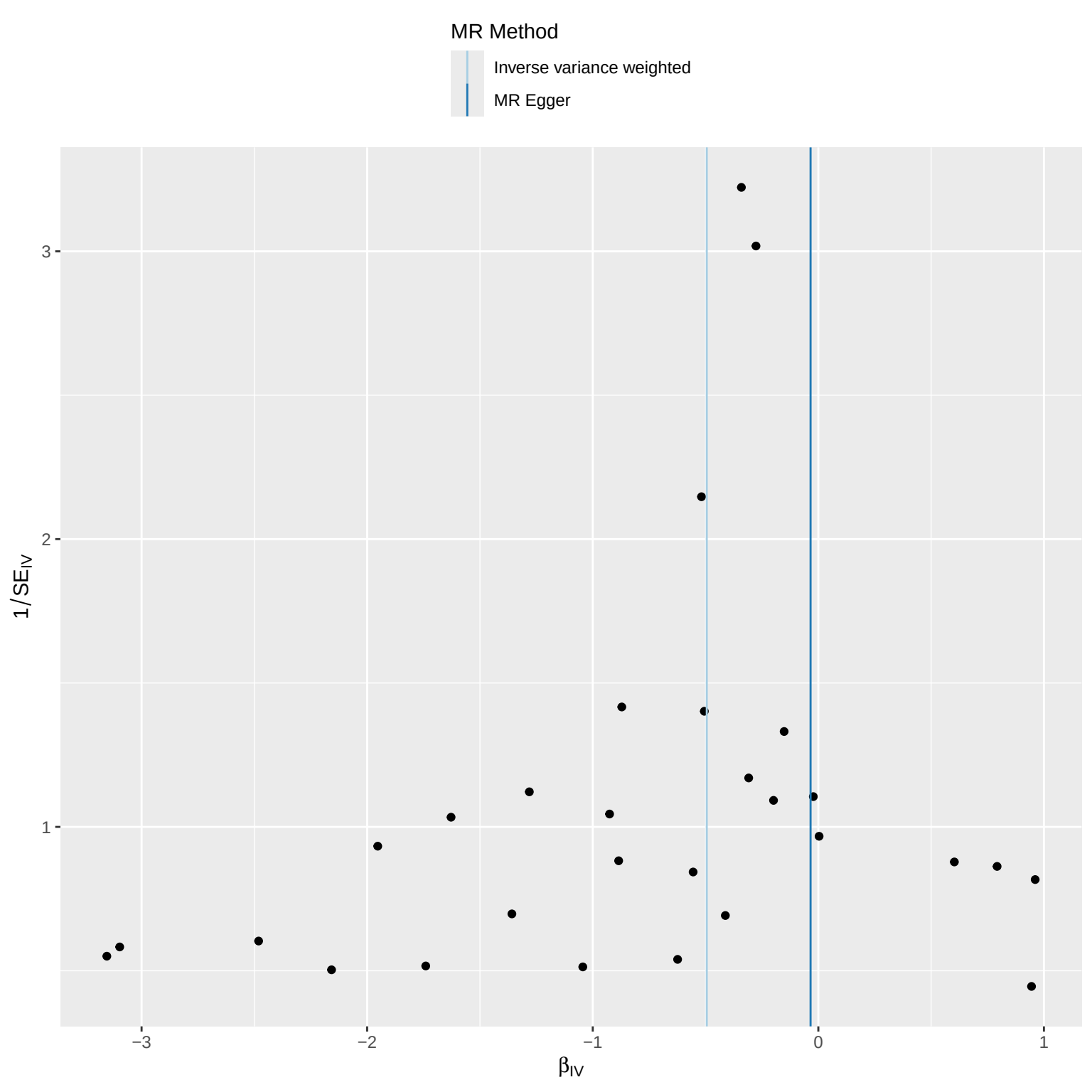

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

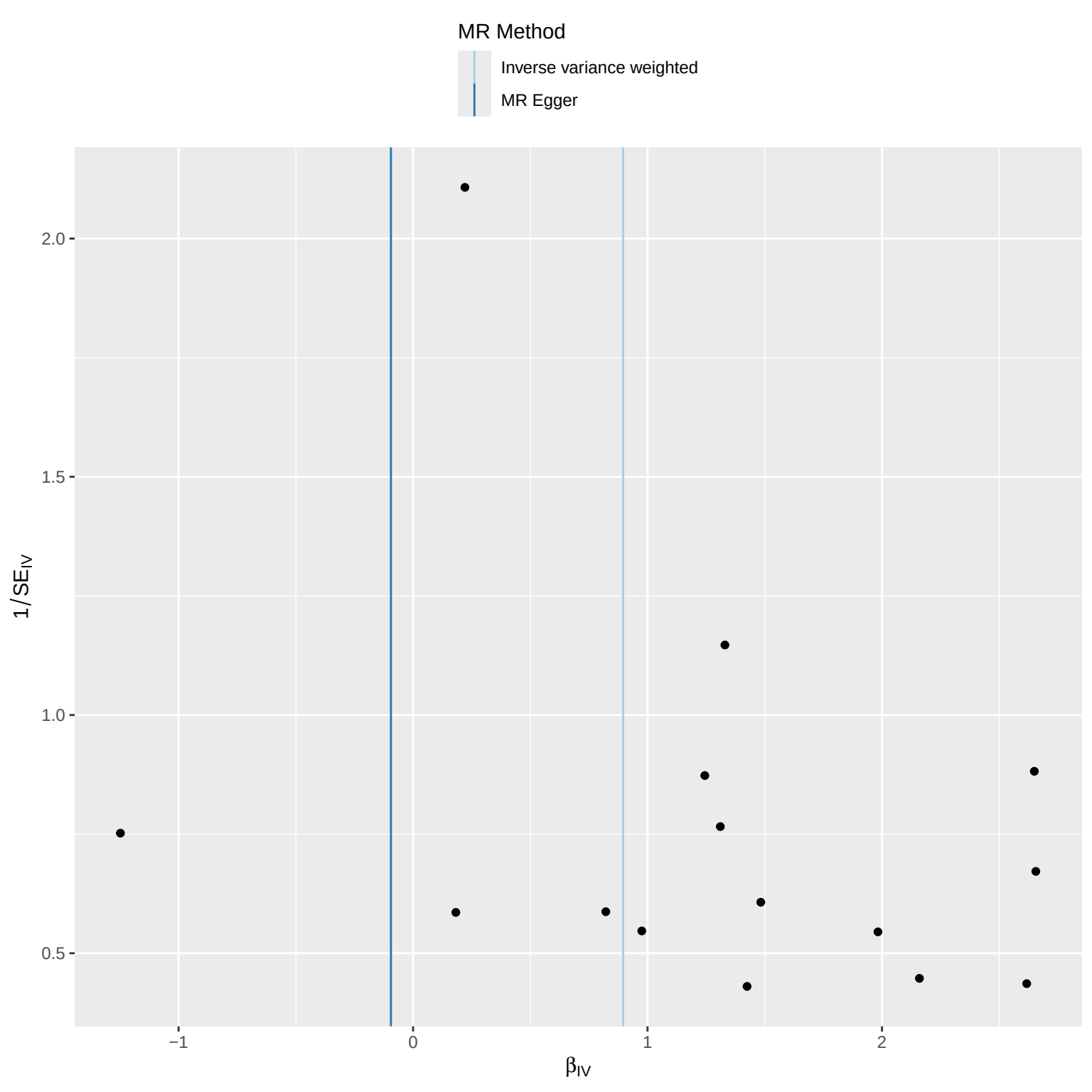

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
1/SE_IV
0
1
2
3
β_IV

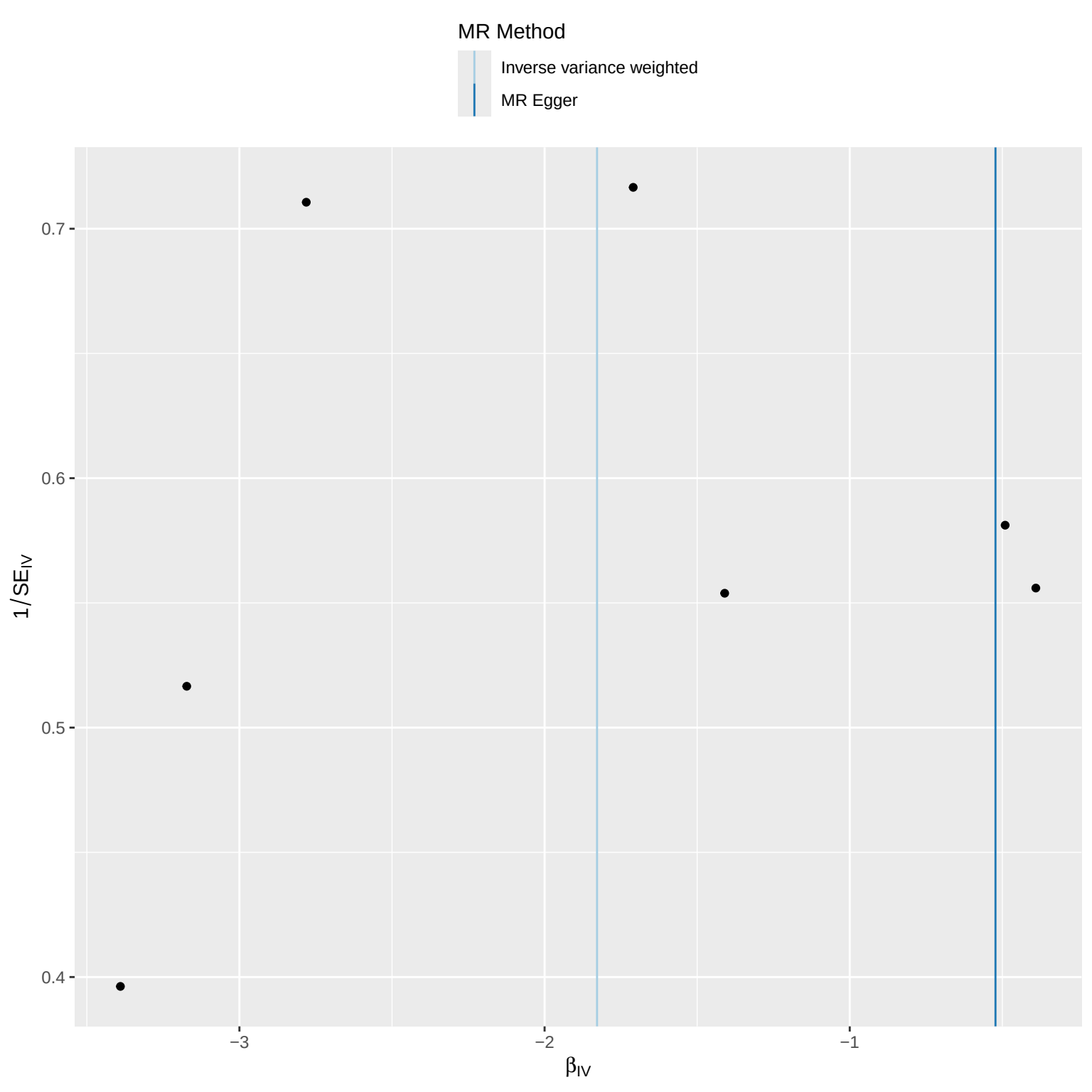

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

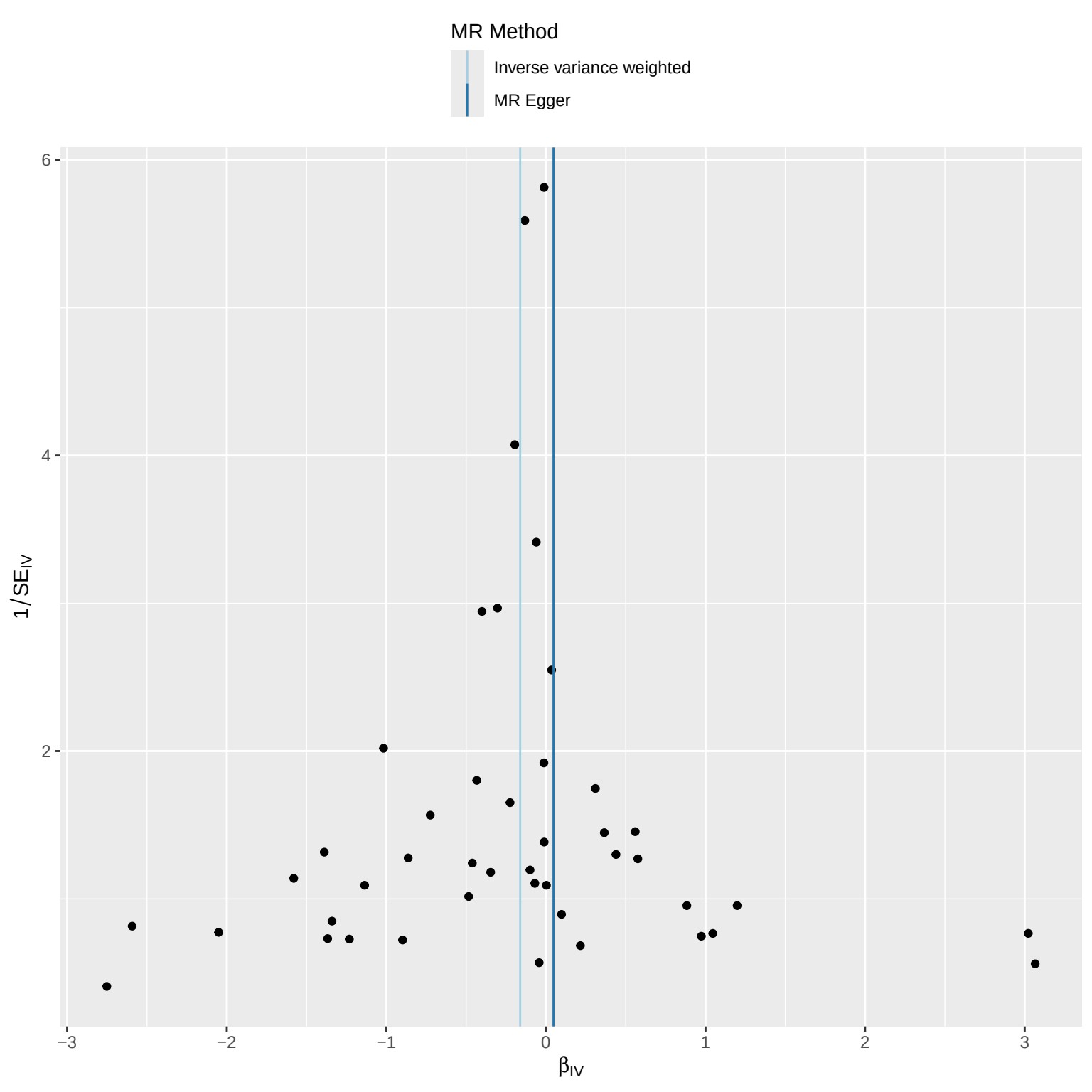

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

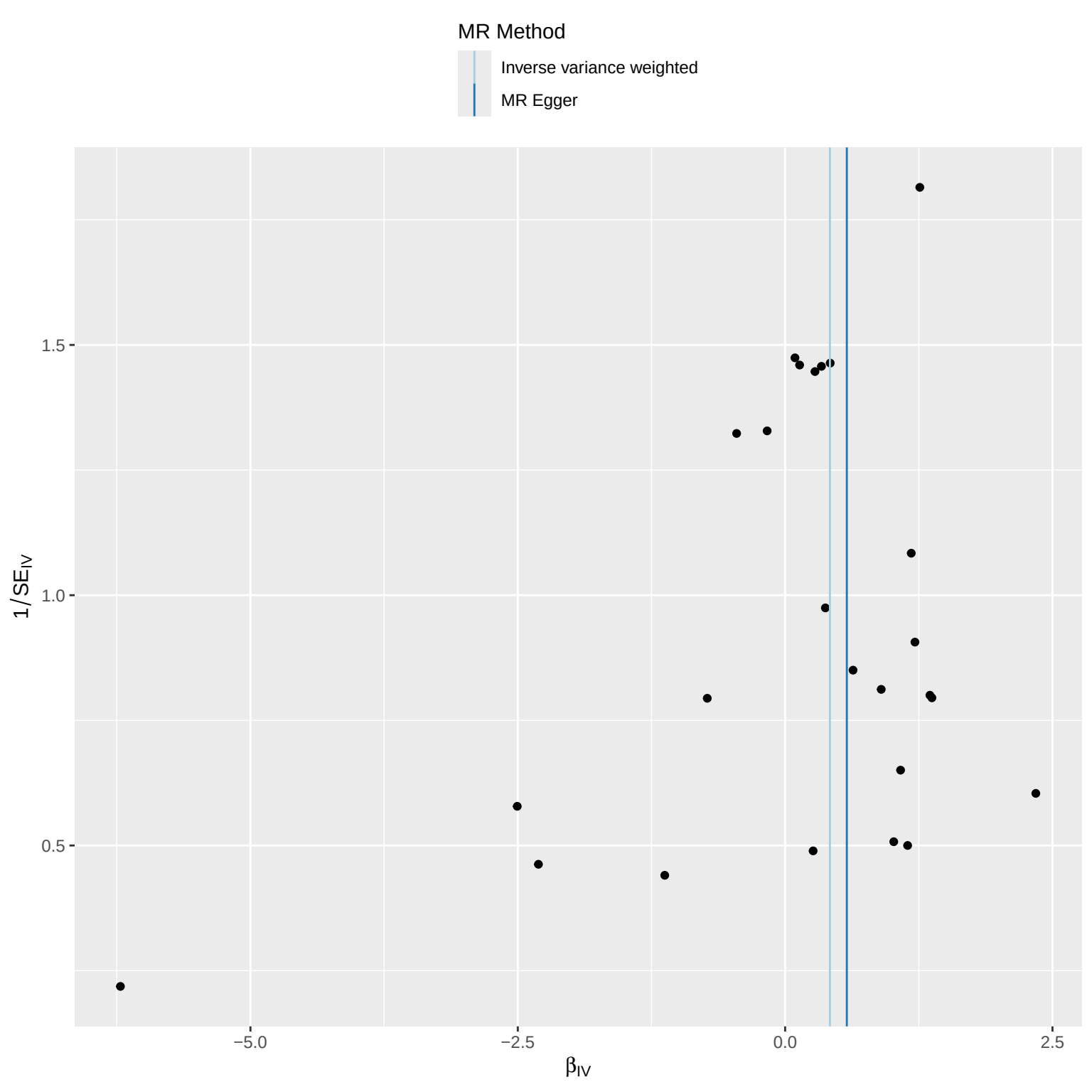

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

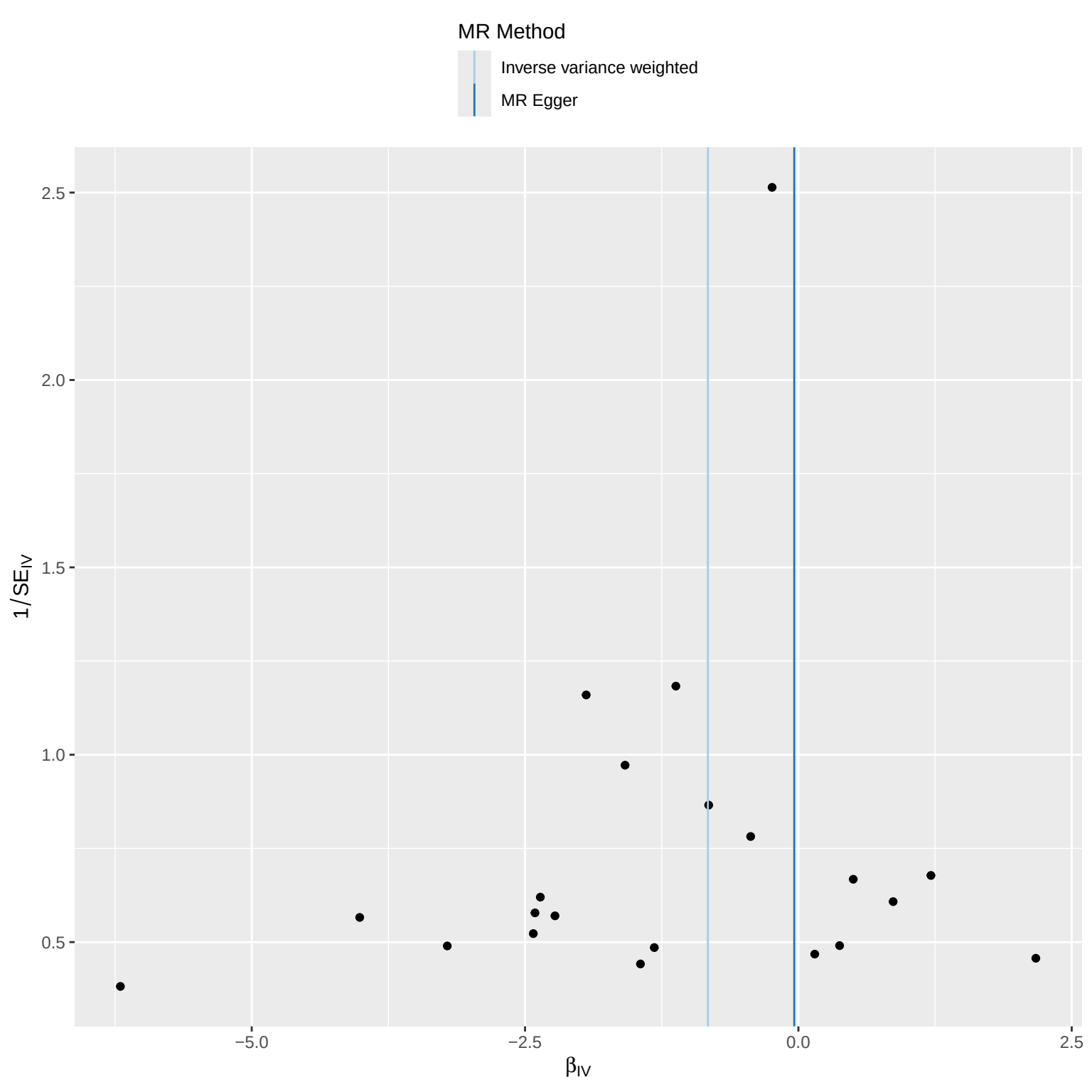

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

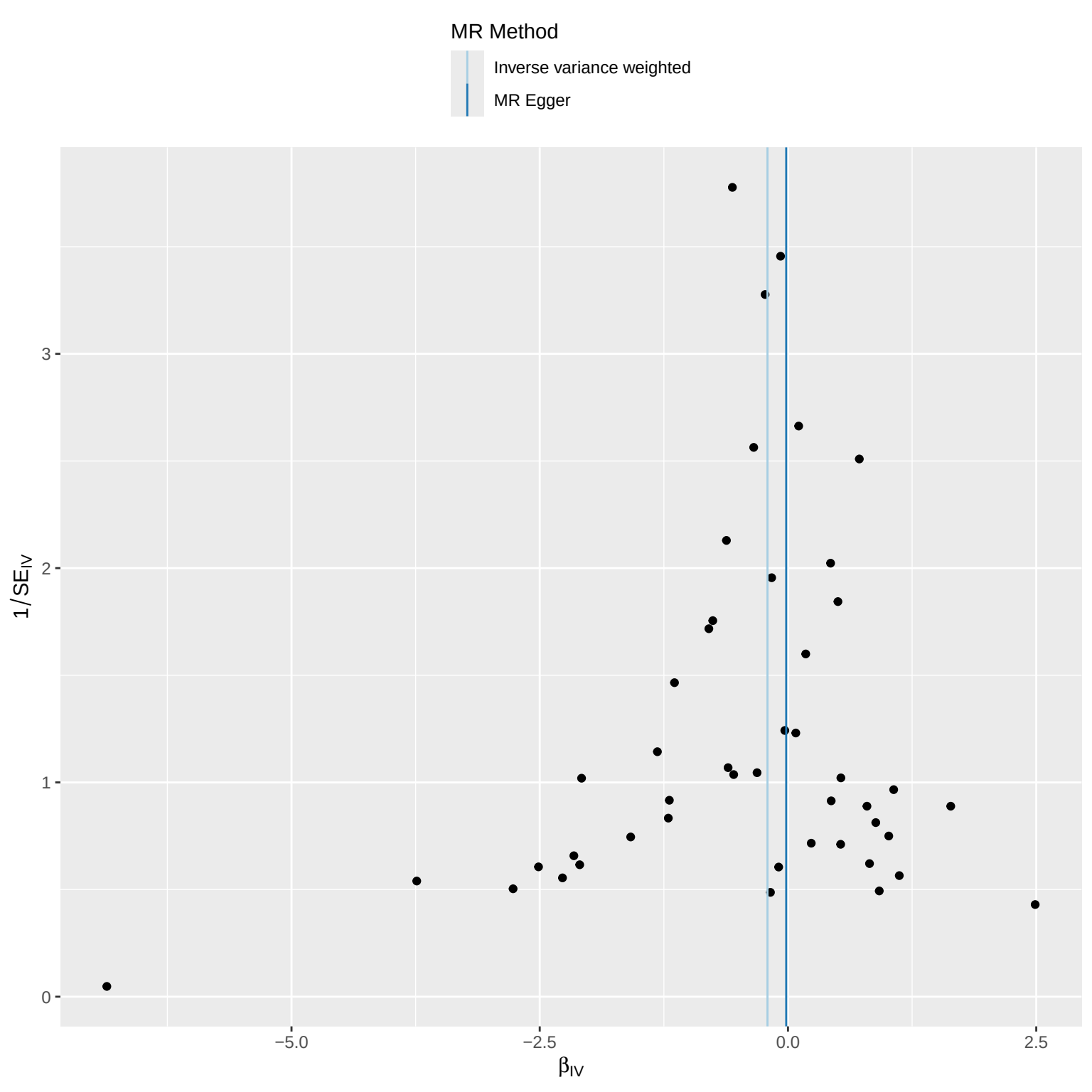

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

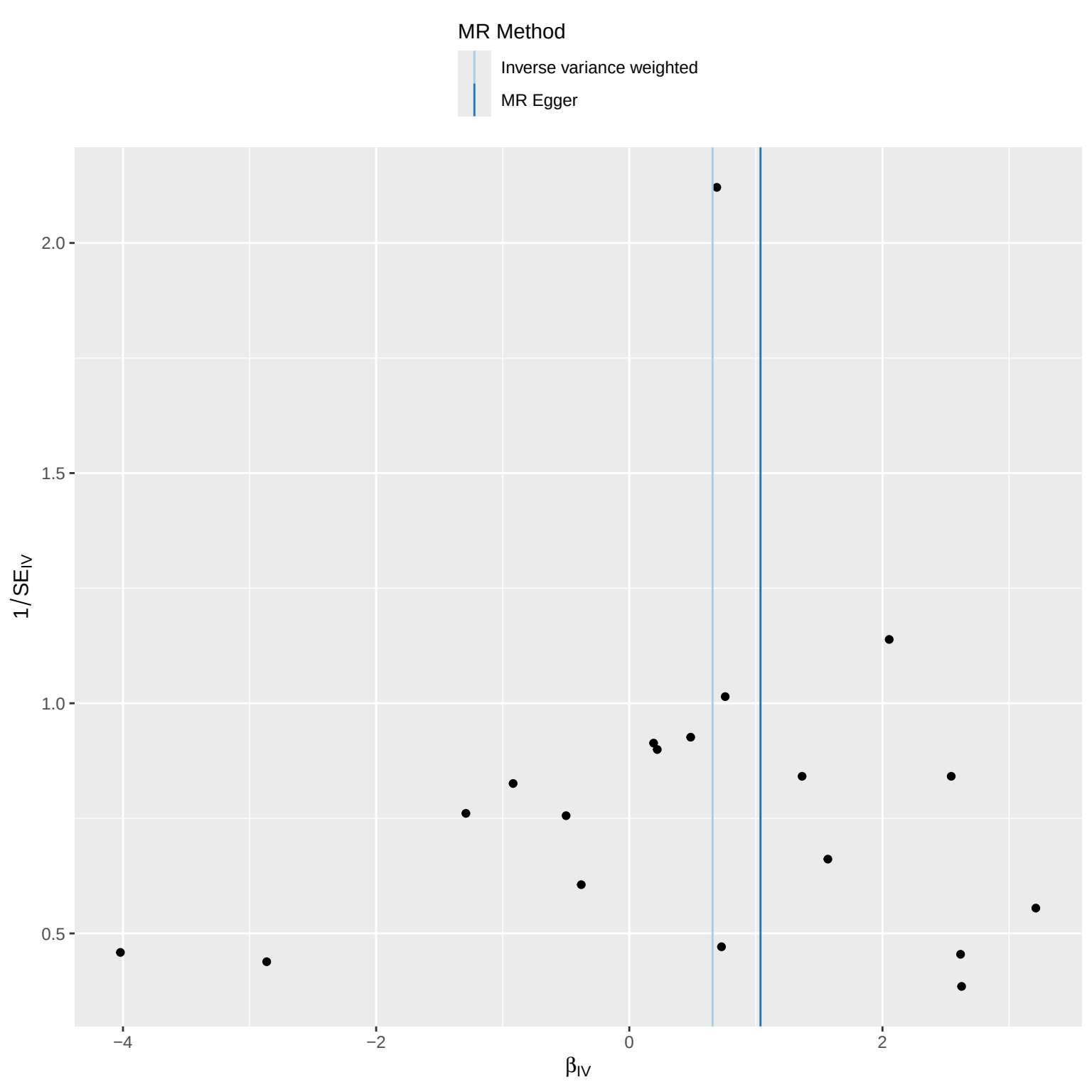

MR Method
Inverse variance weighted
MR Egger
0.7
0.6
0.5
0.4
1/SE_IV
−3
−2
−1
β_IV

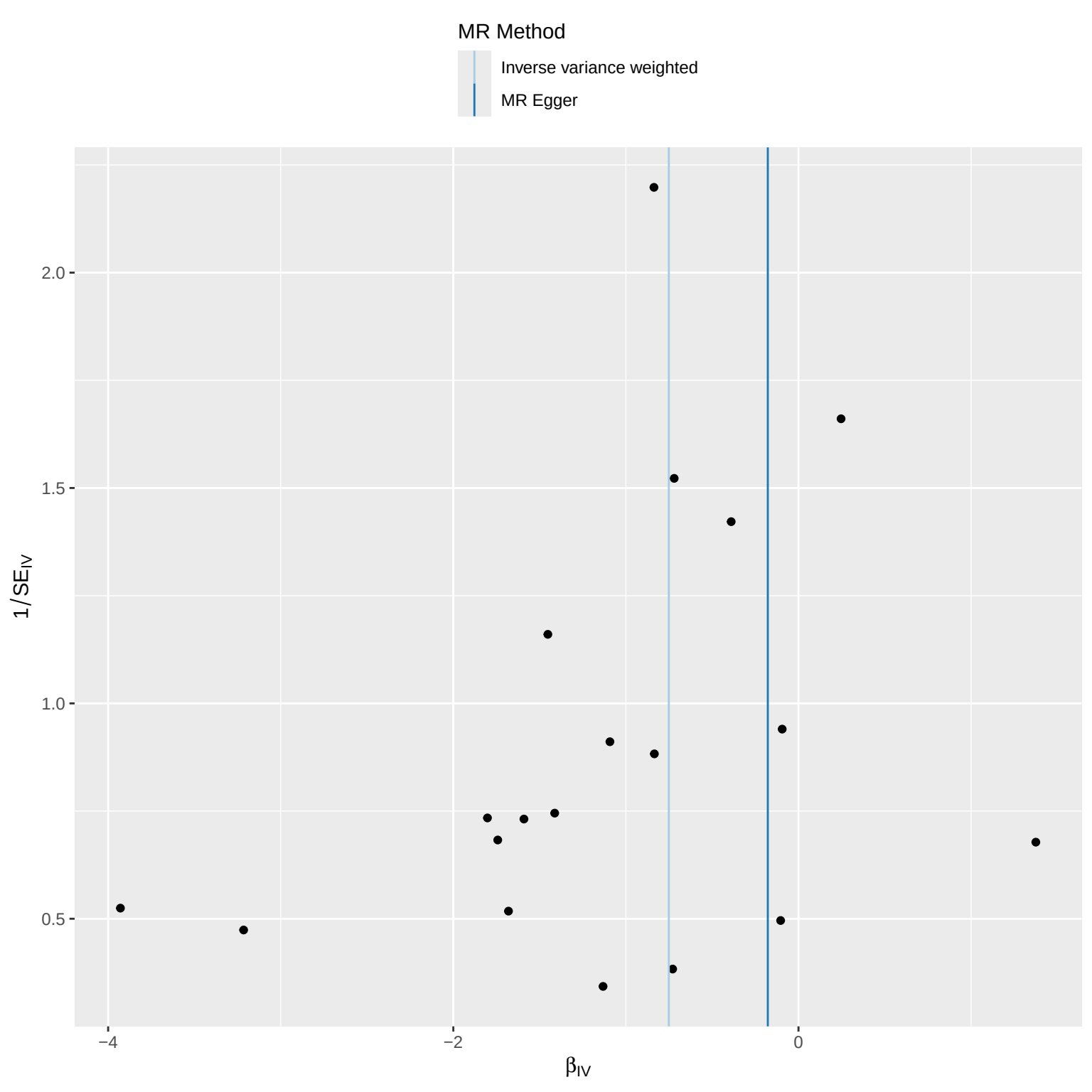

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

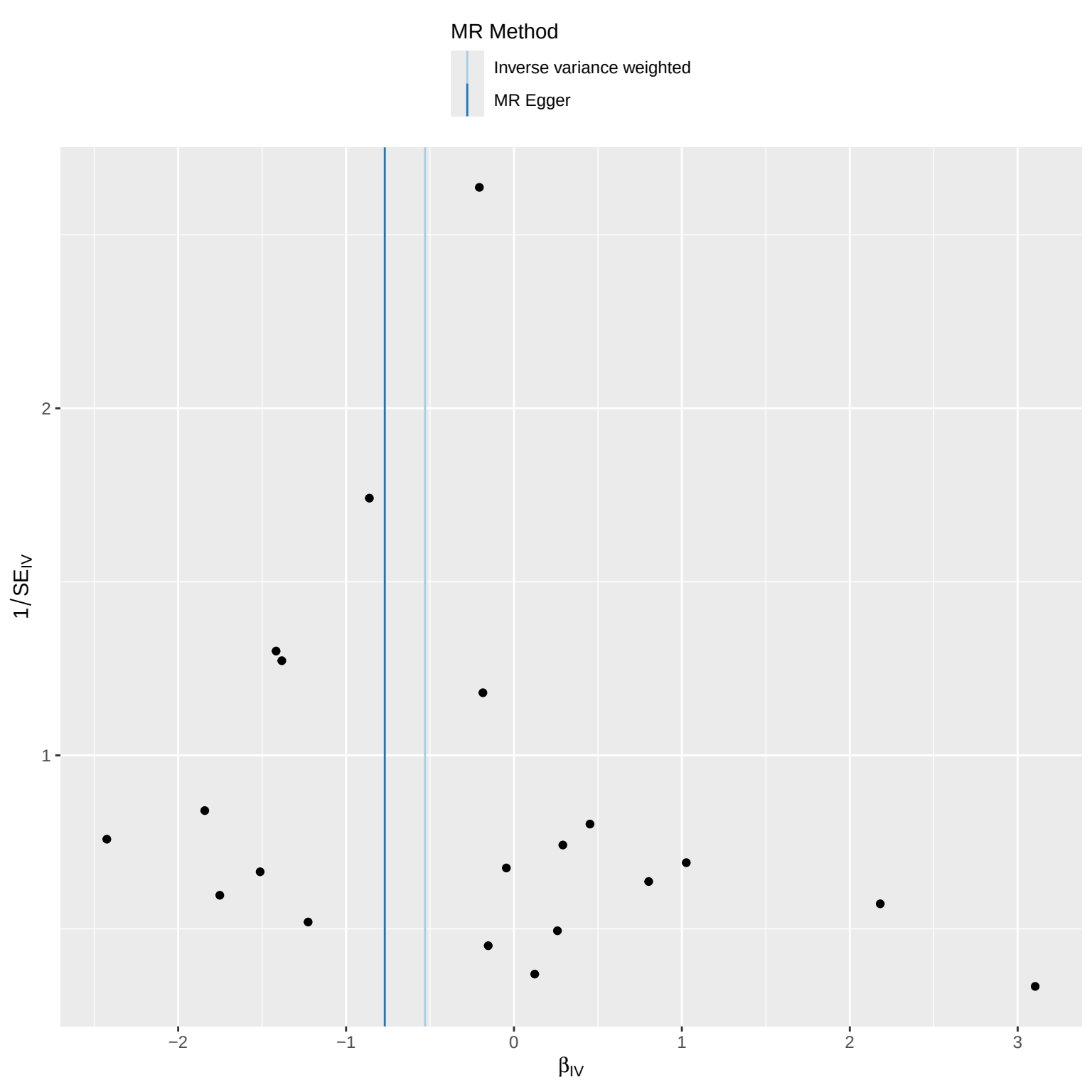

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
1.5
1.0
0.5
−5.0
−2.5
0.0
2.5
β_IV

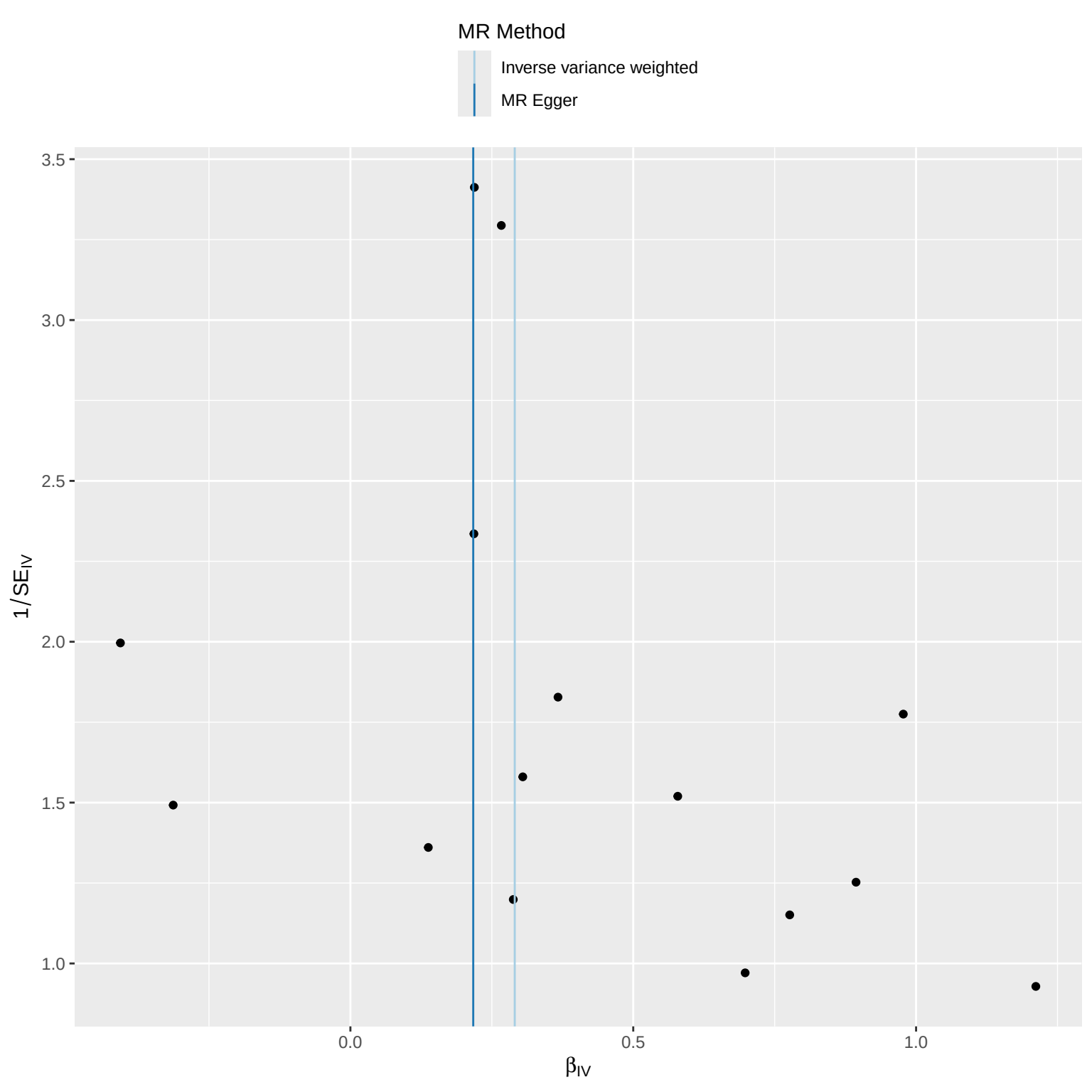

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

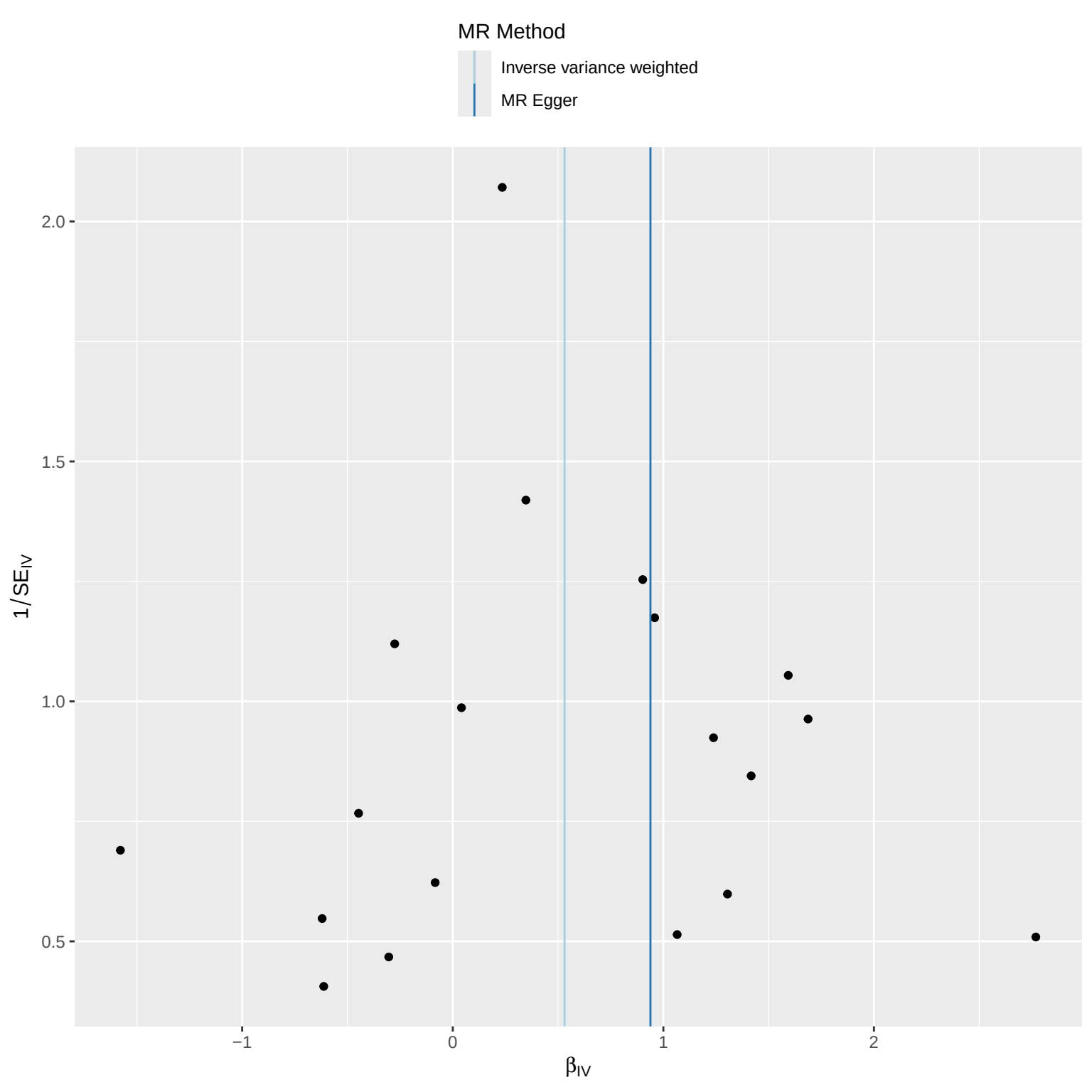

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

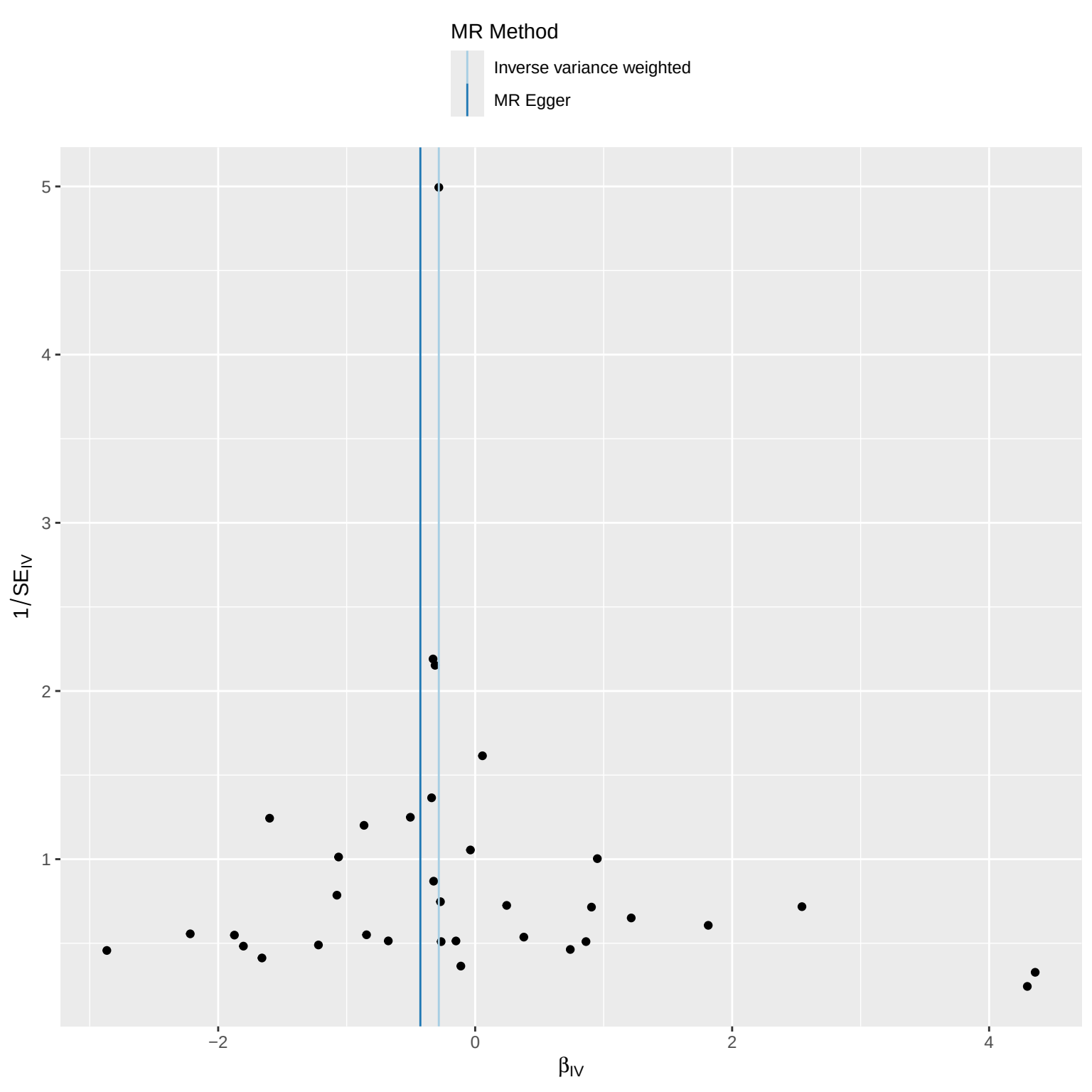

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

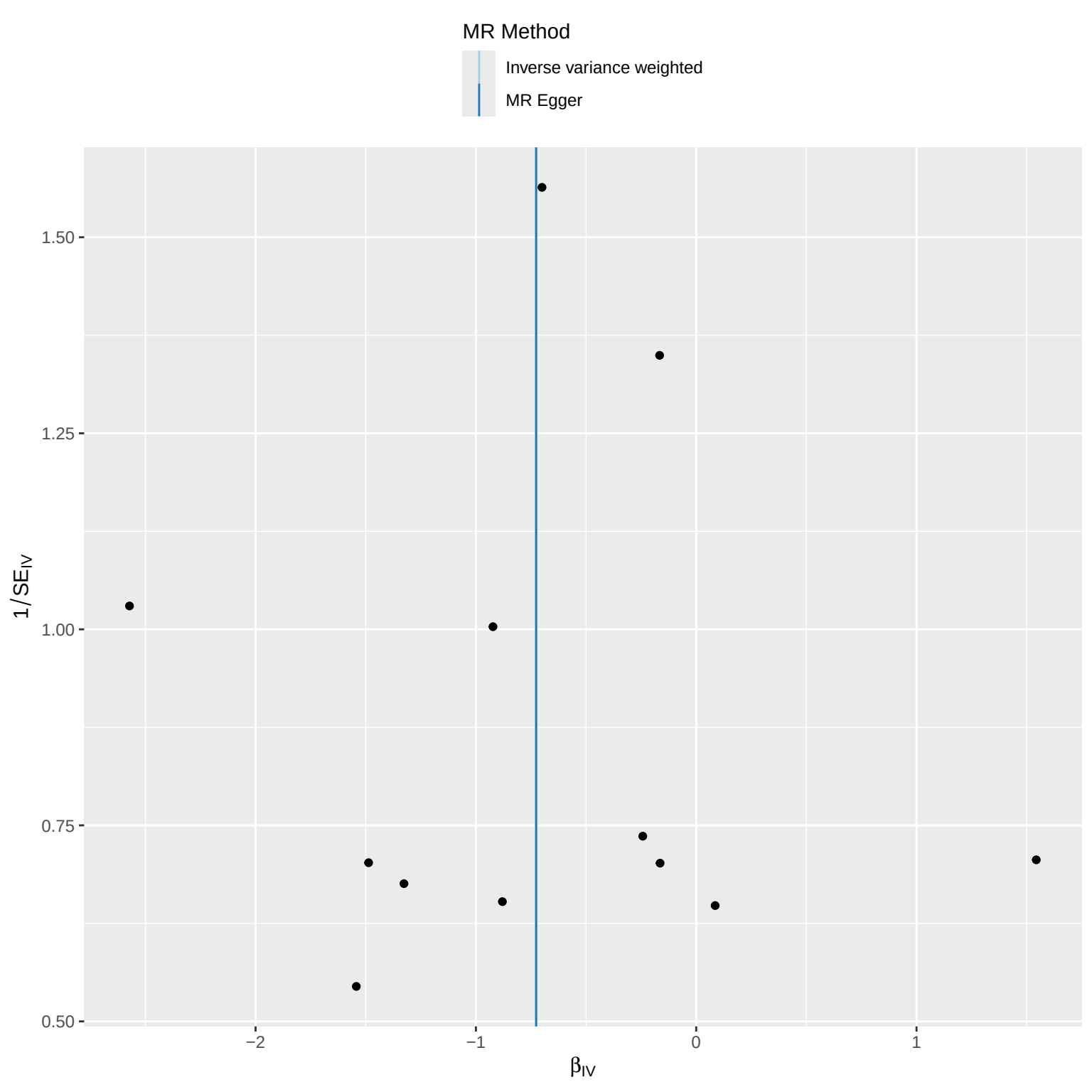

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

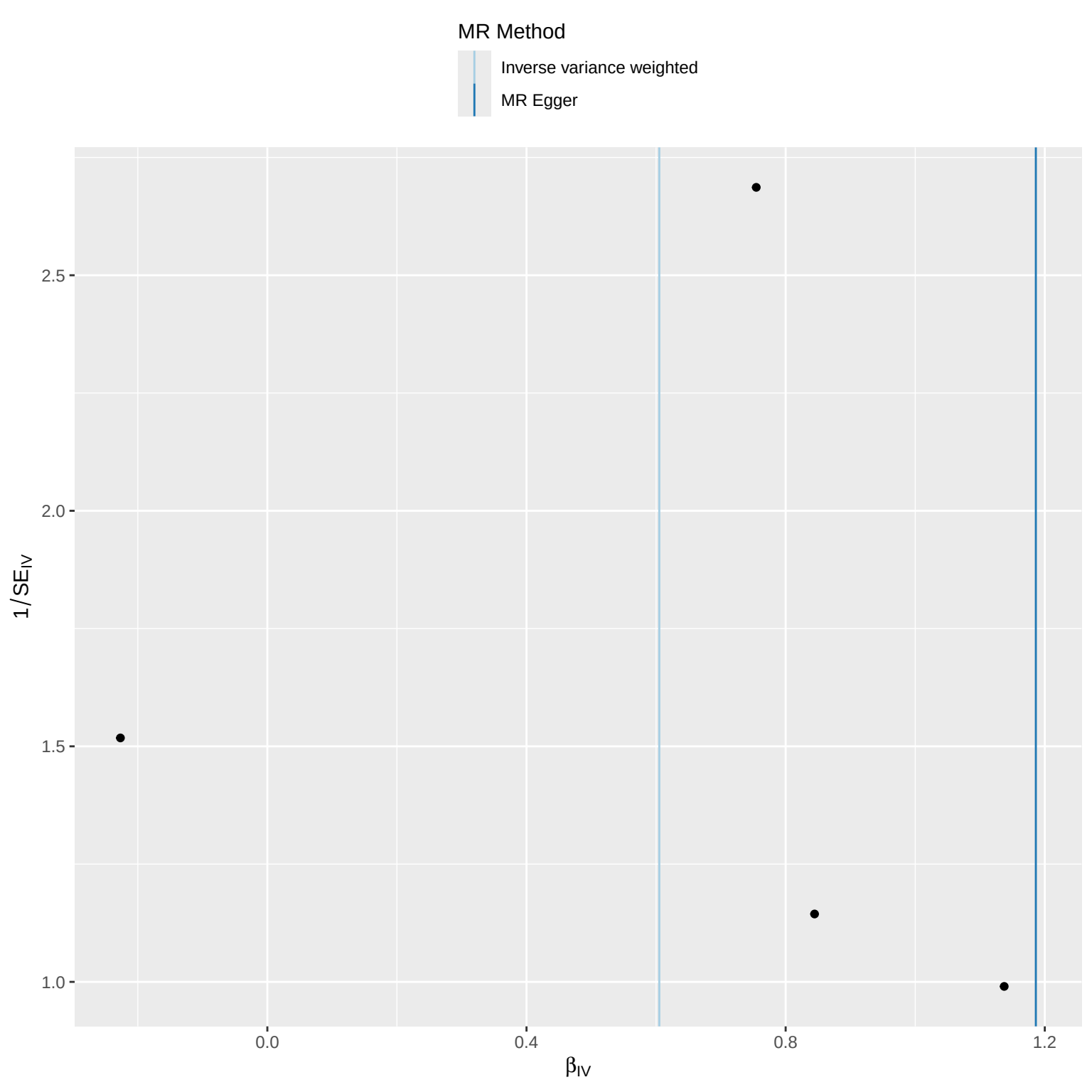

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

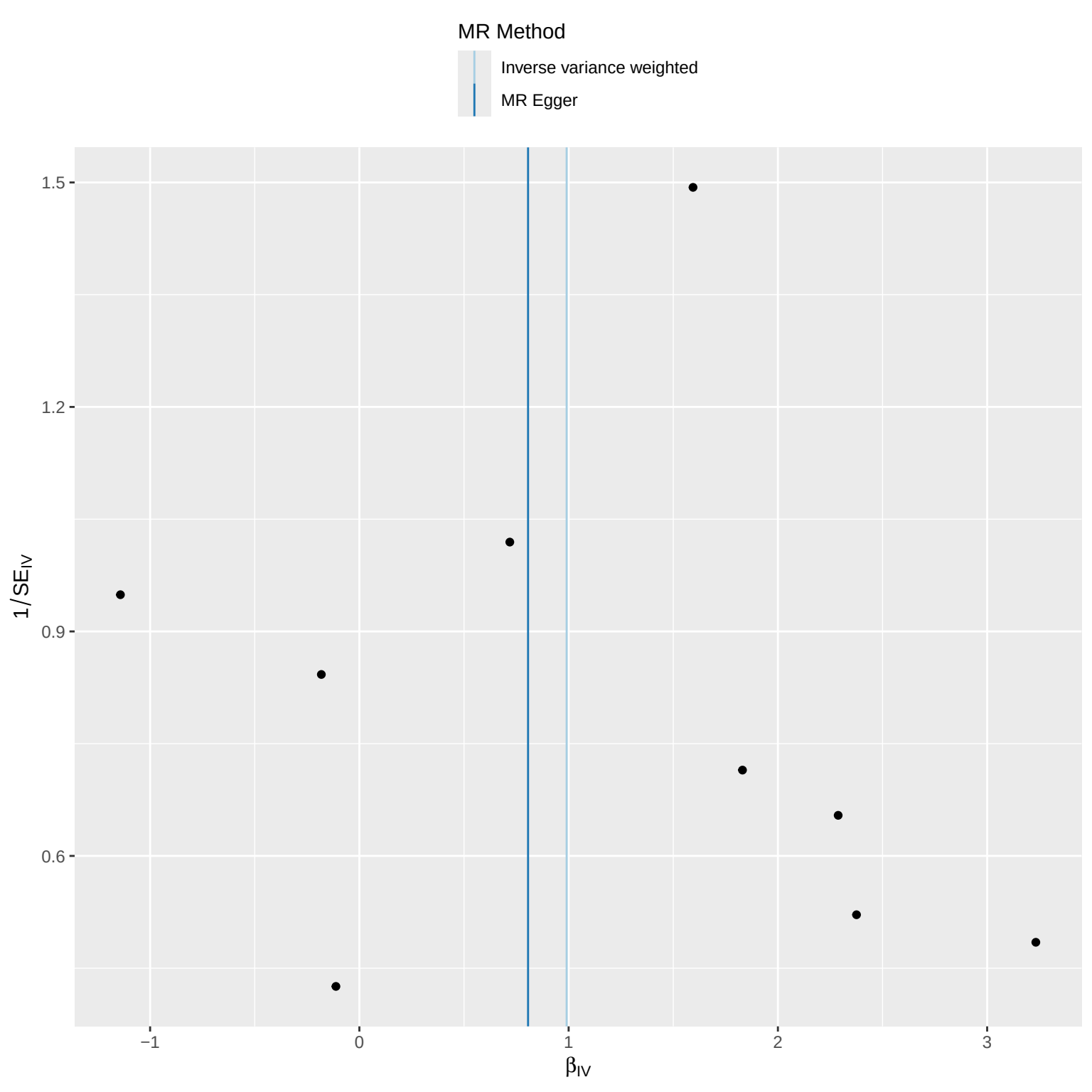

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
β_IV

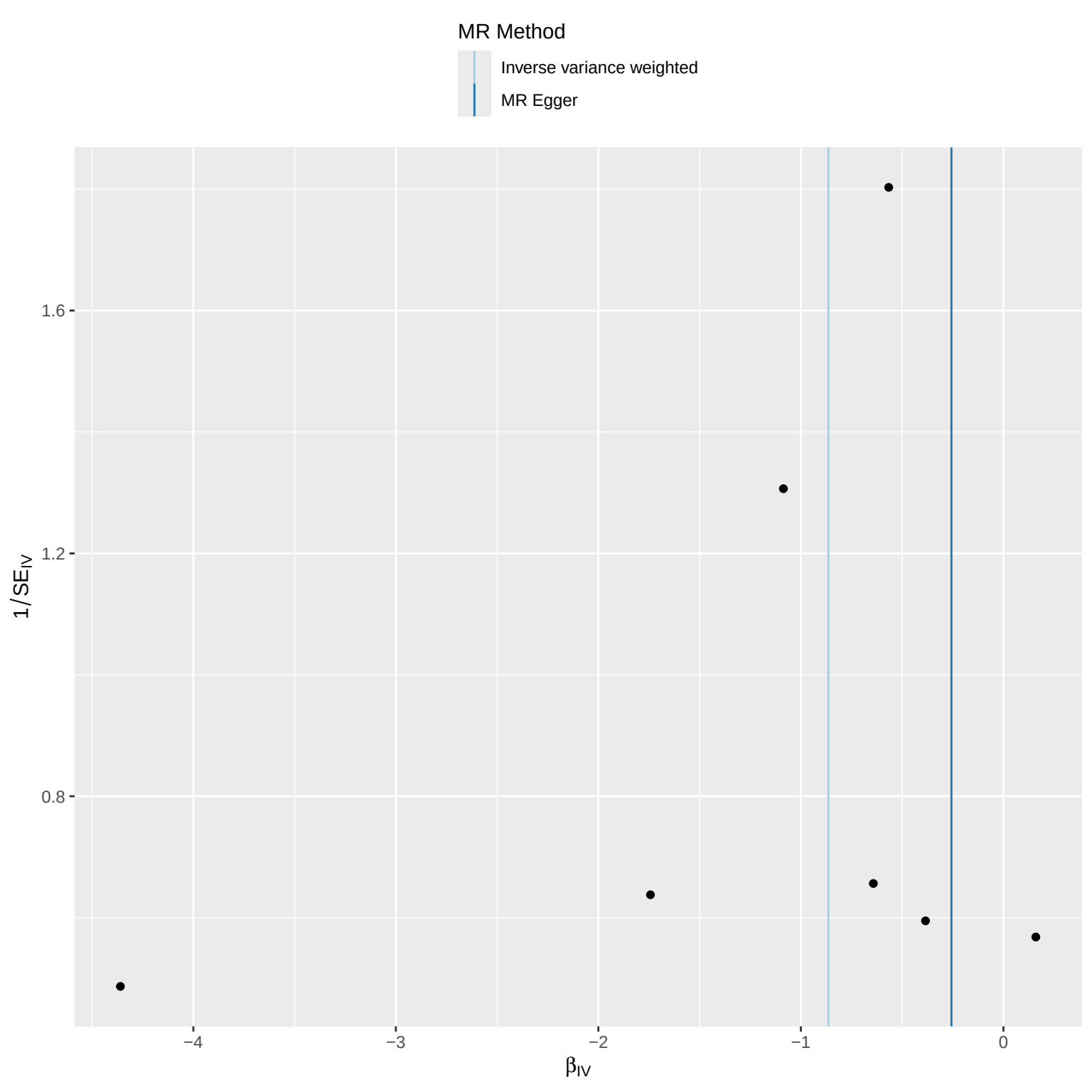

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

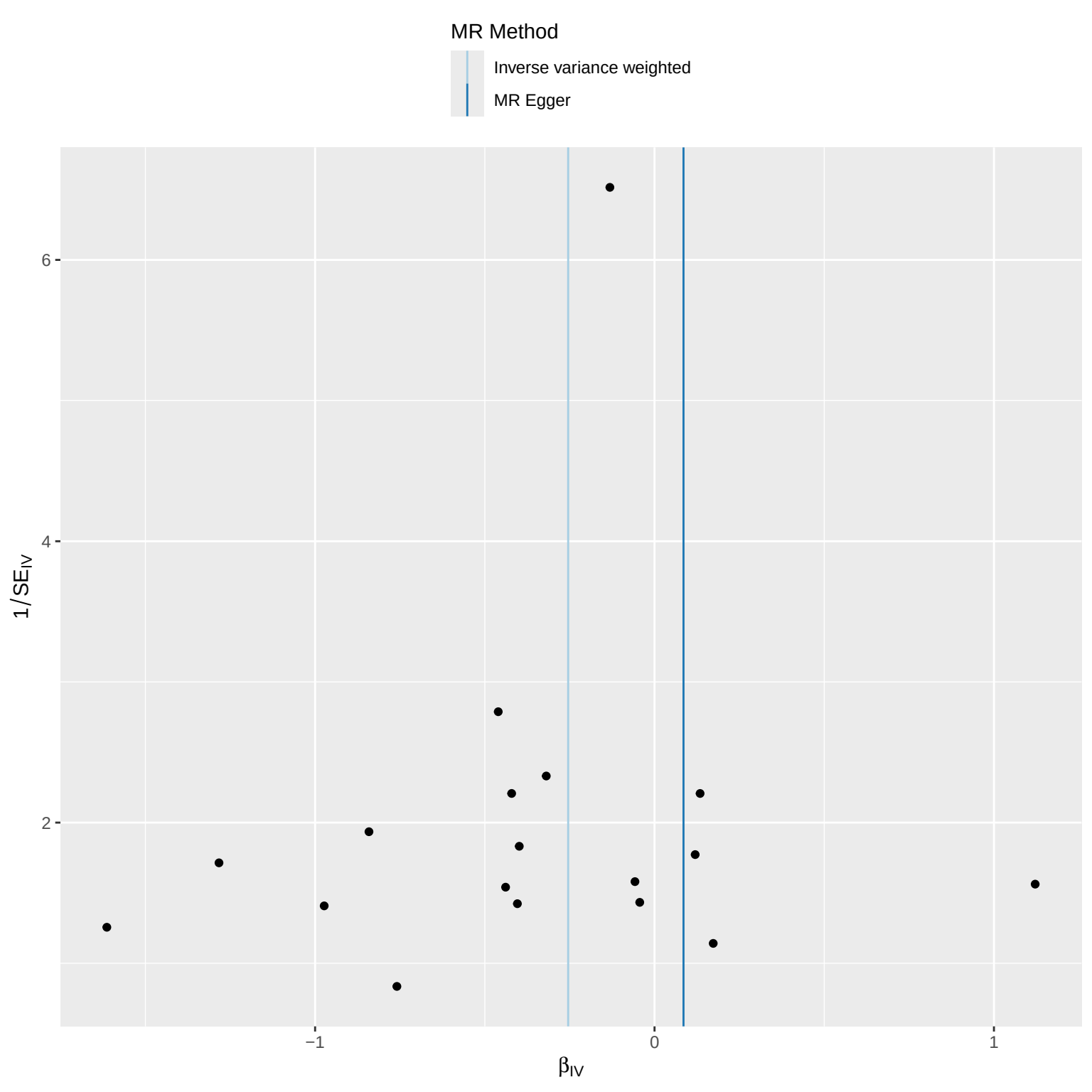

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

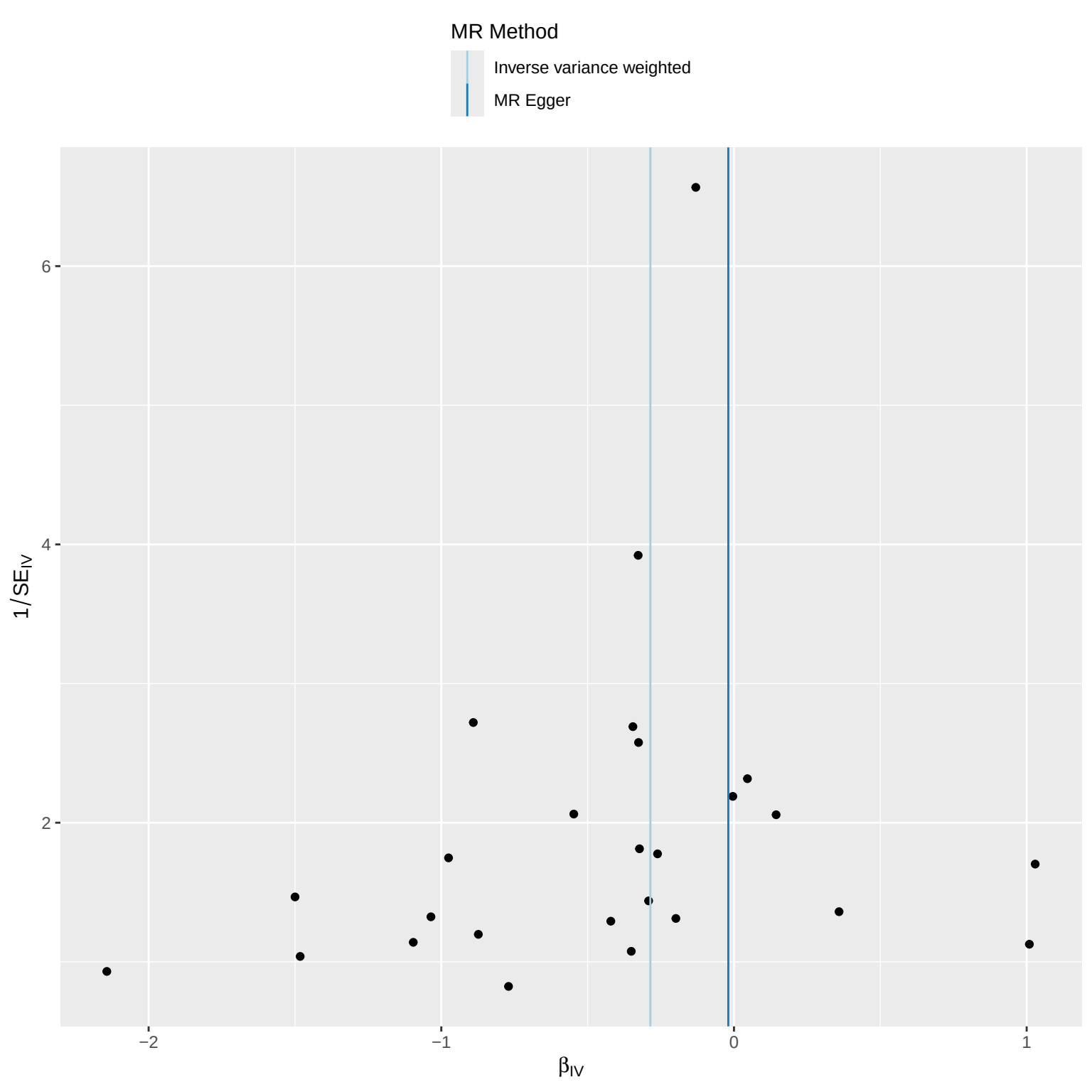

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
β_IV

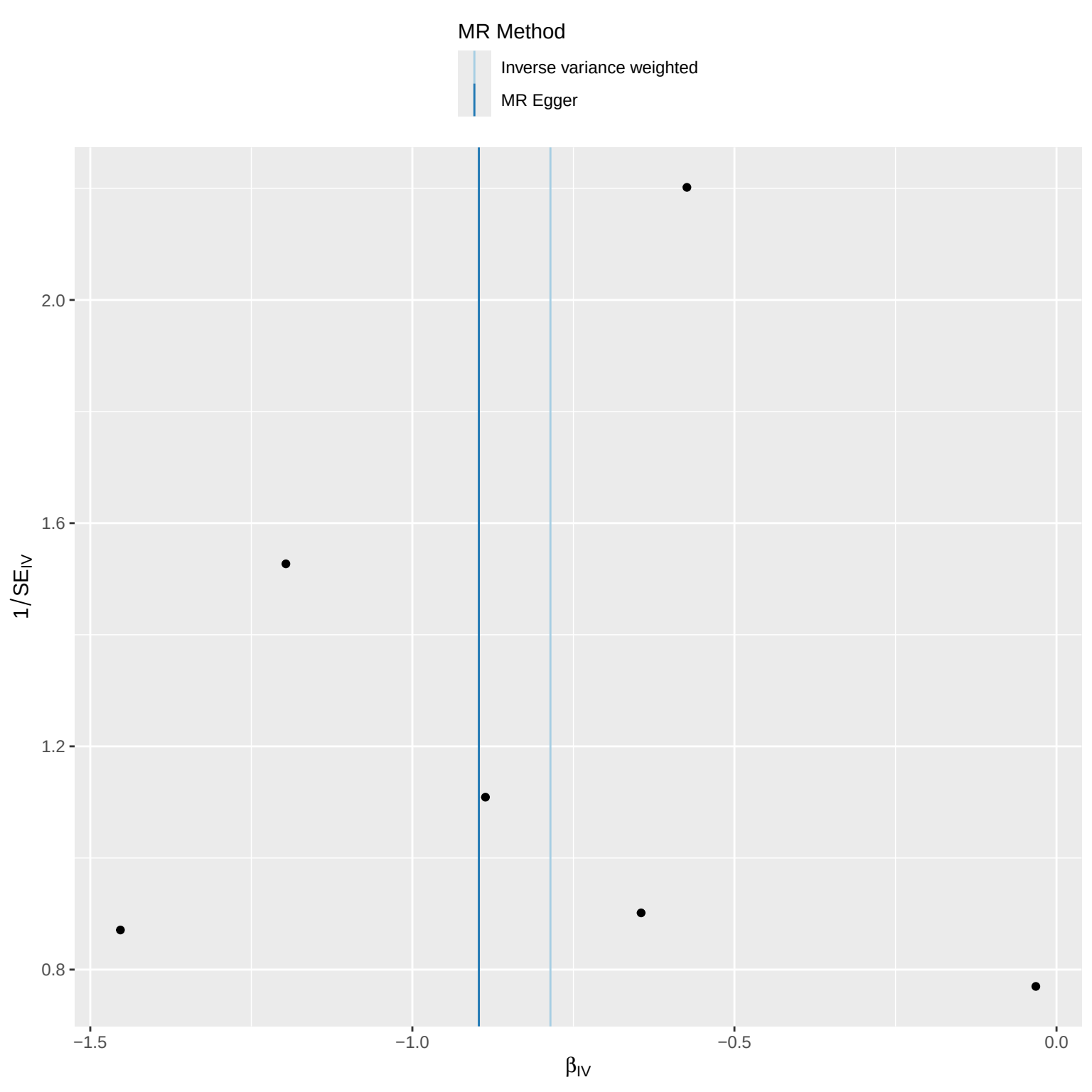

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

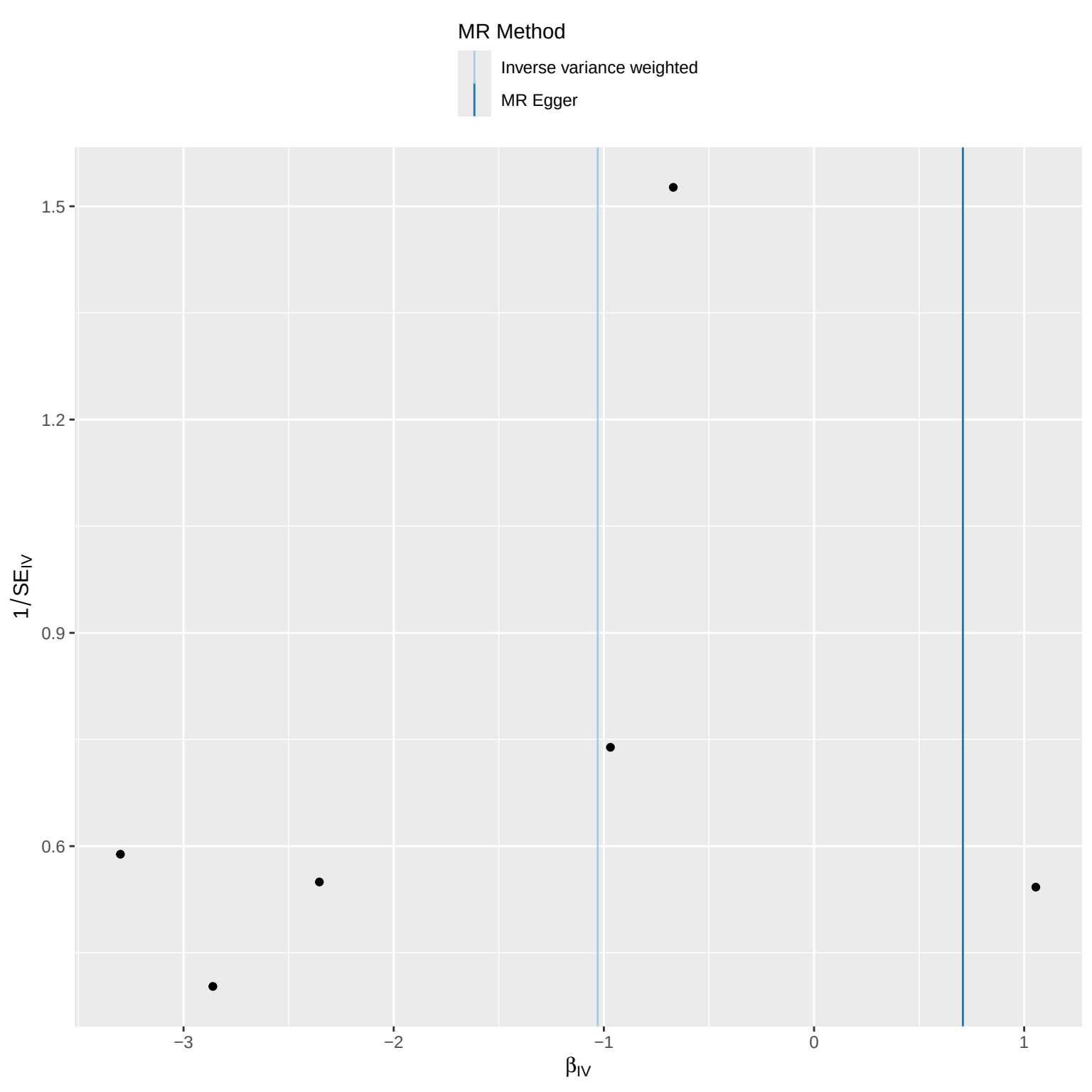

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
3
β_IV

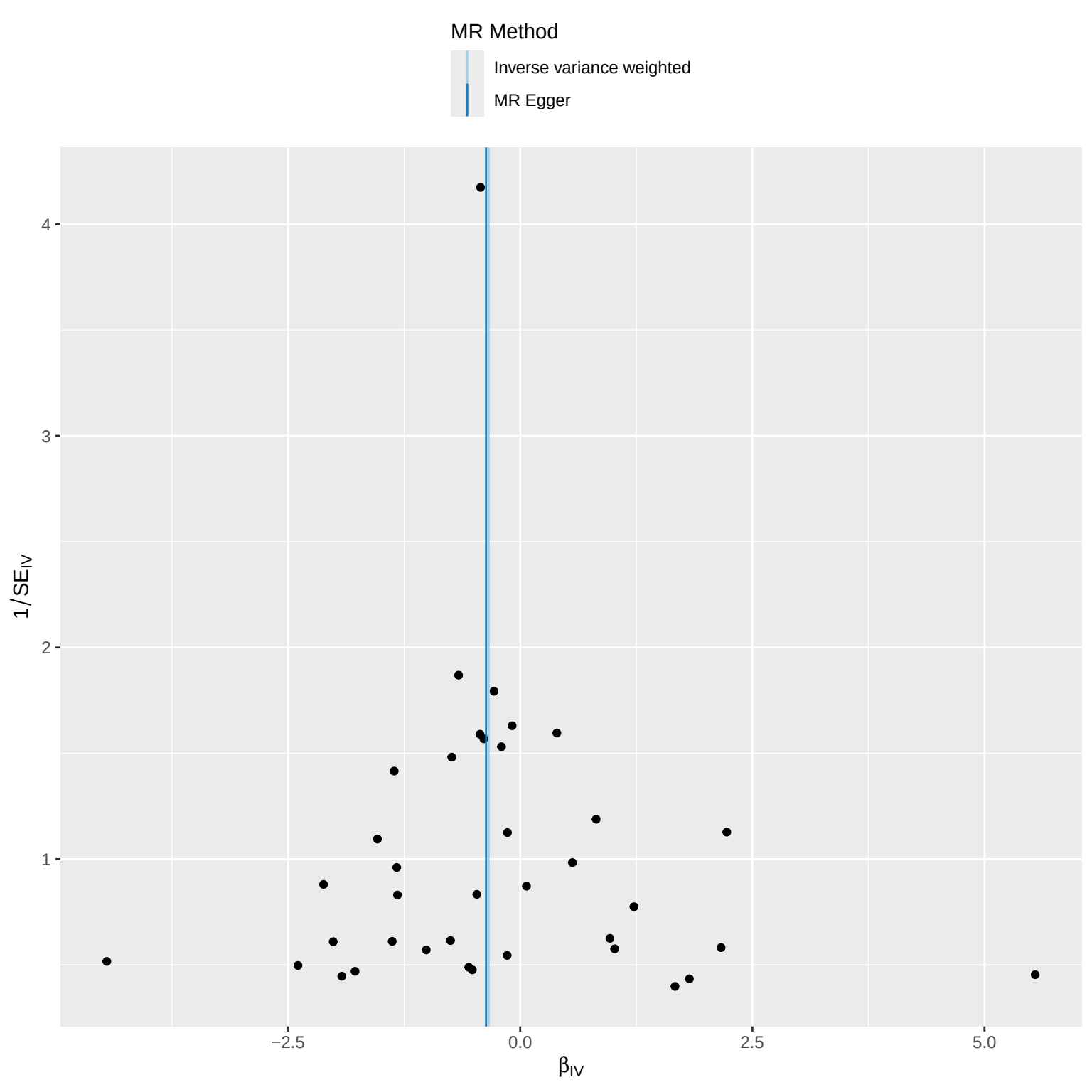

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−4
−3
−2
−1
0
β_IV

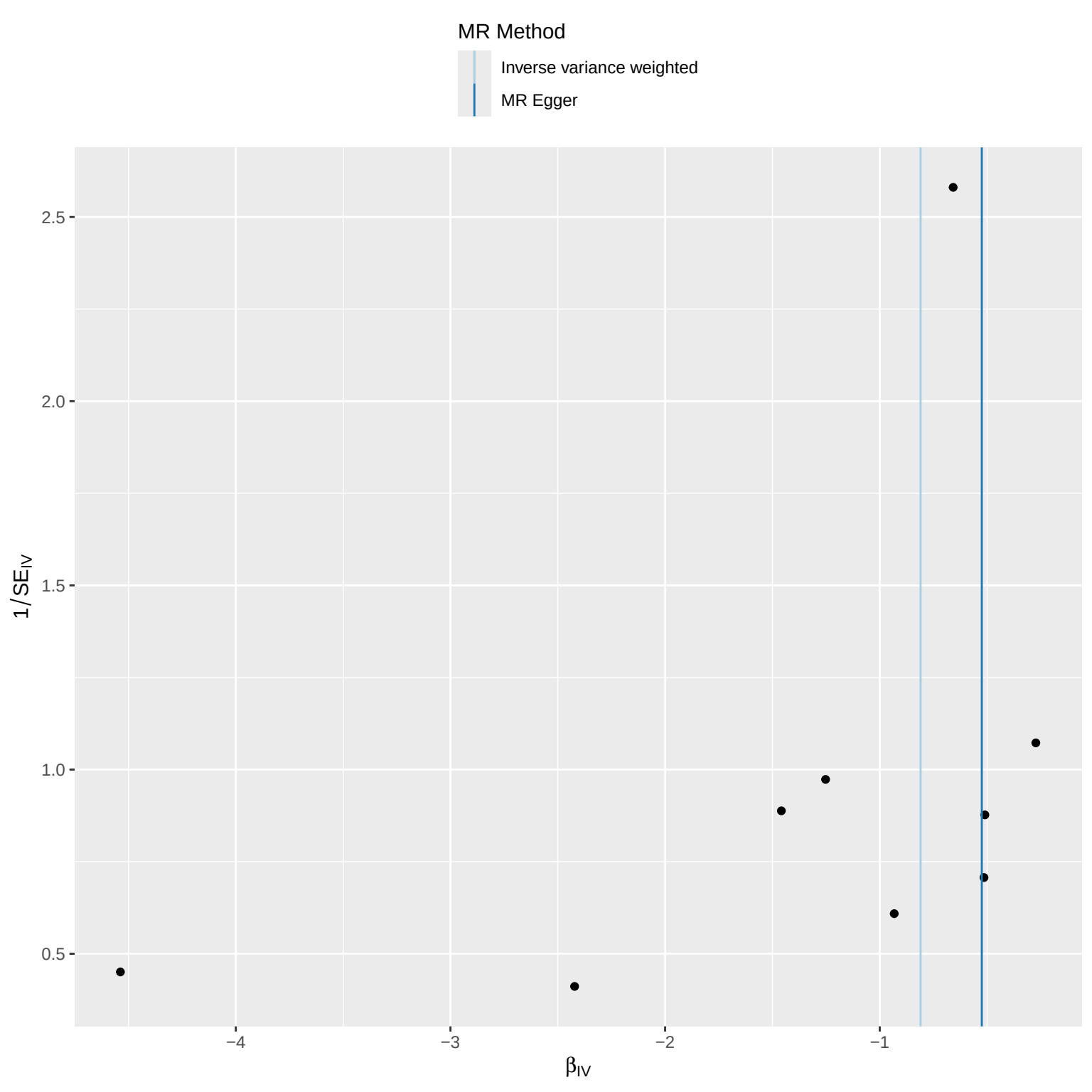

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

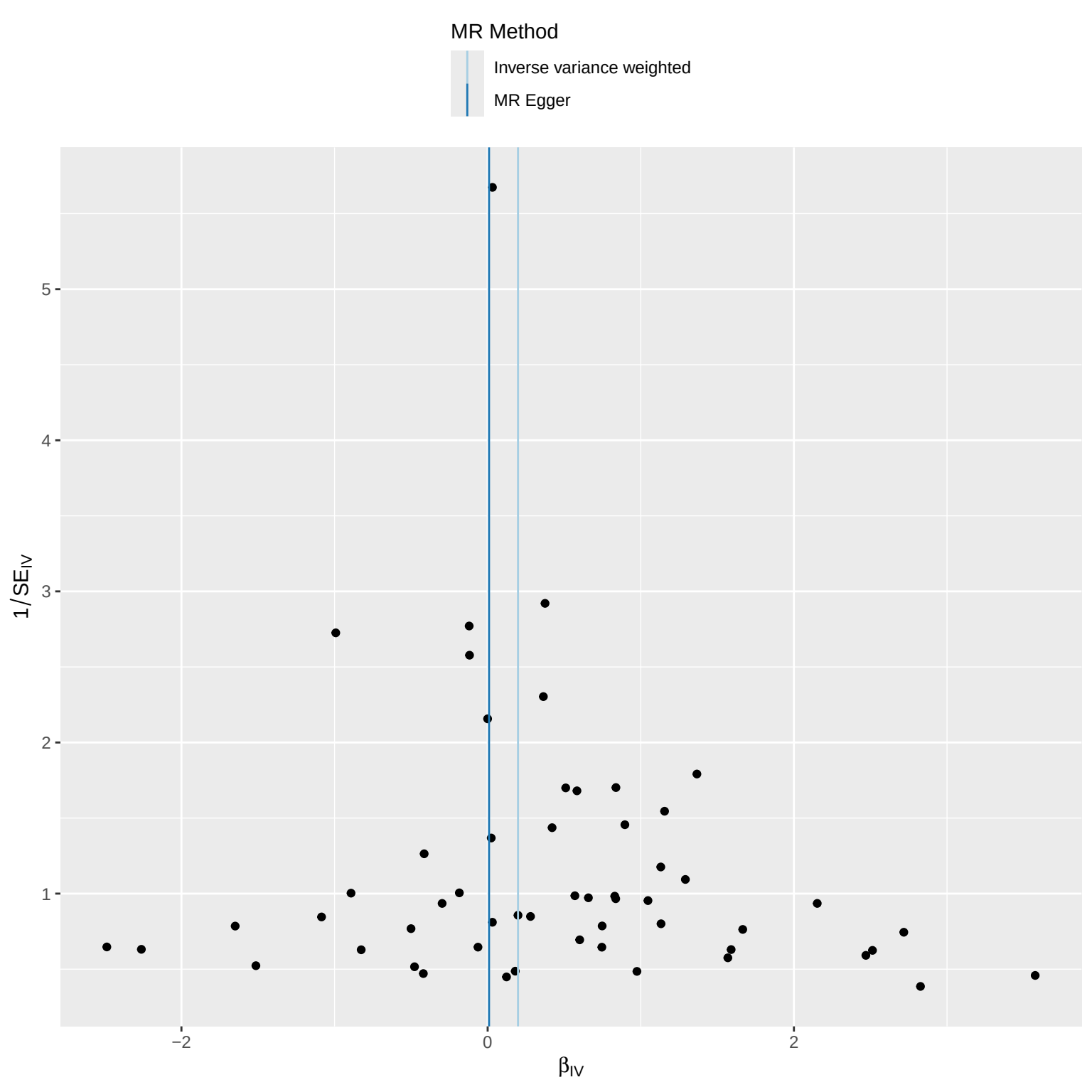

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

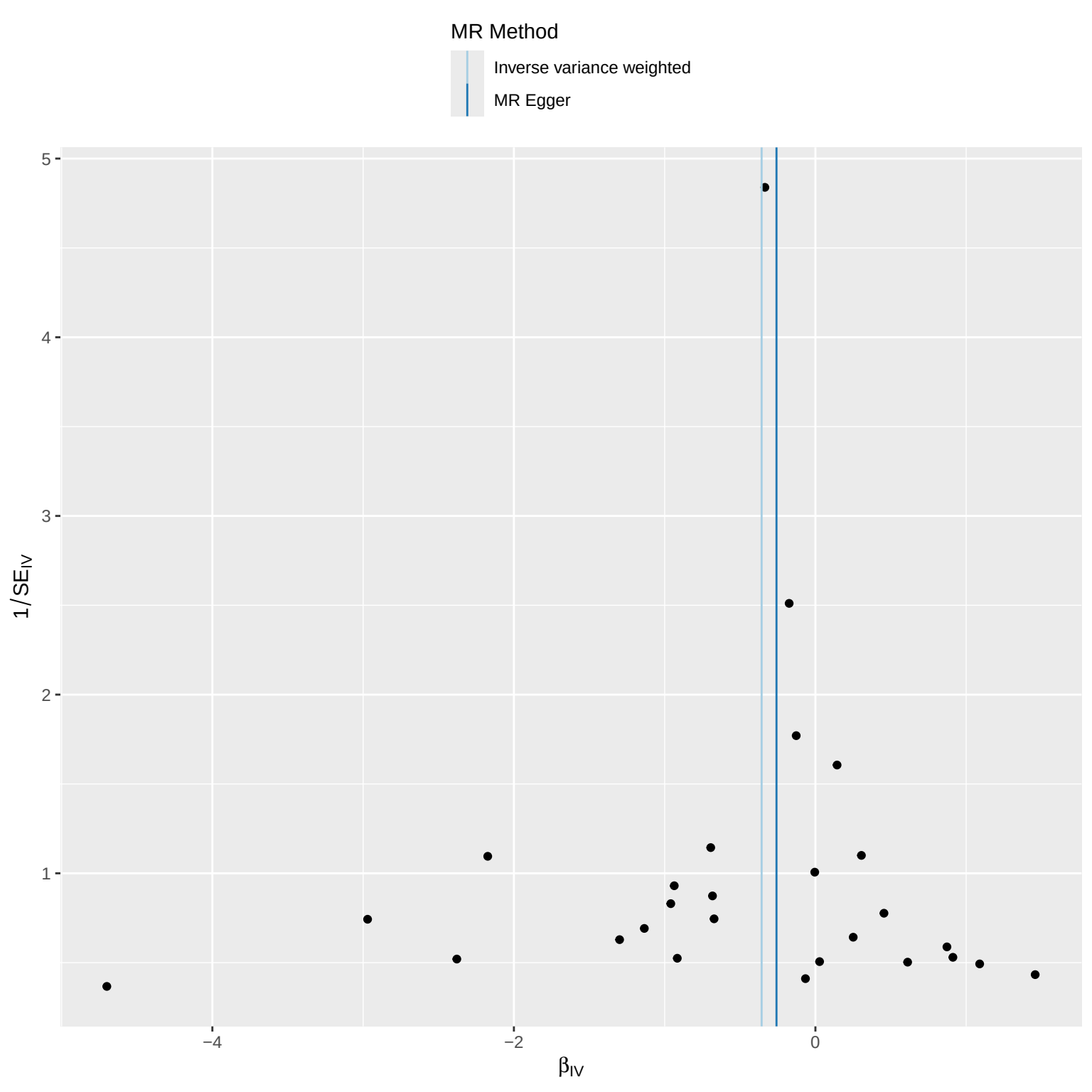

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

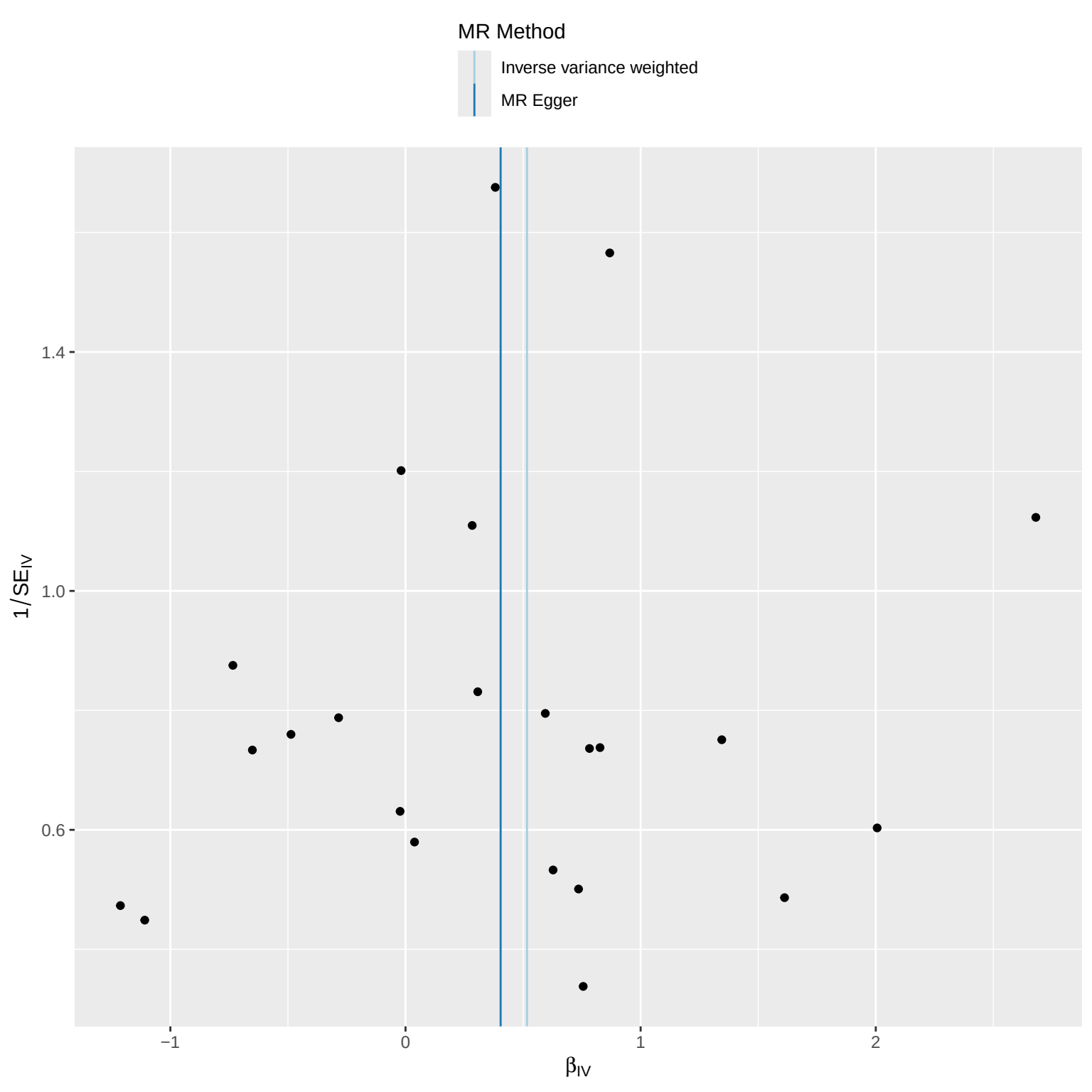

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

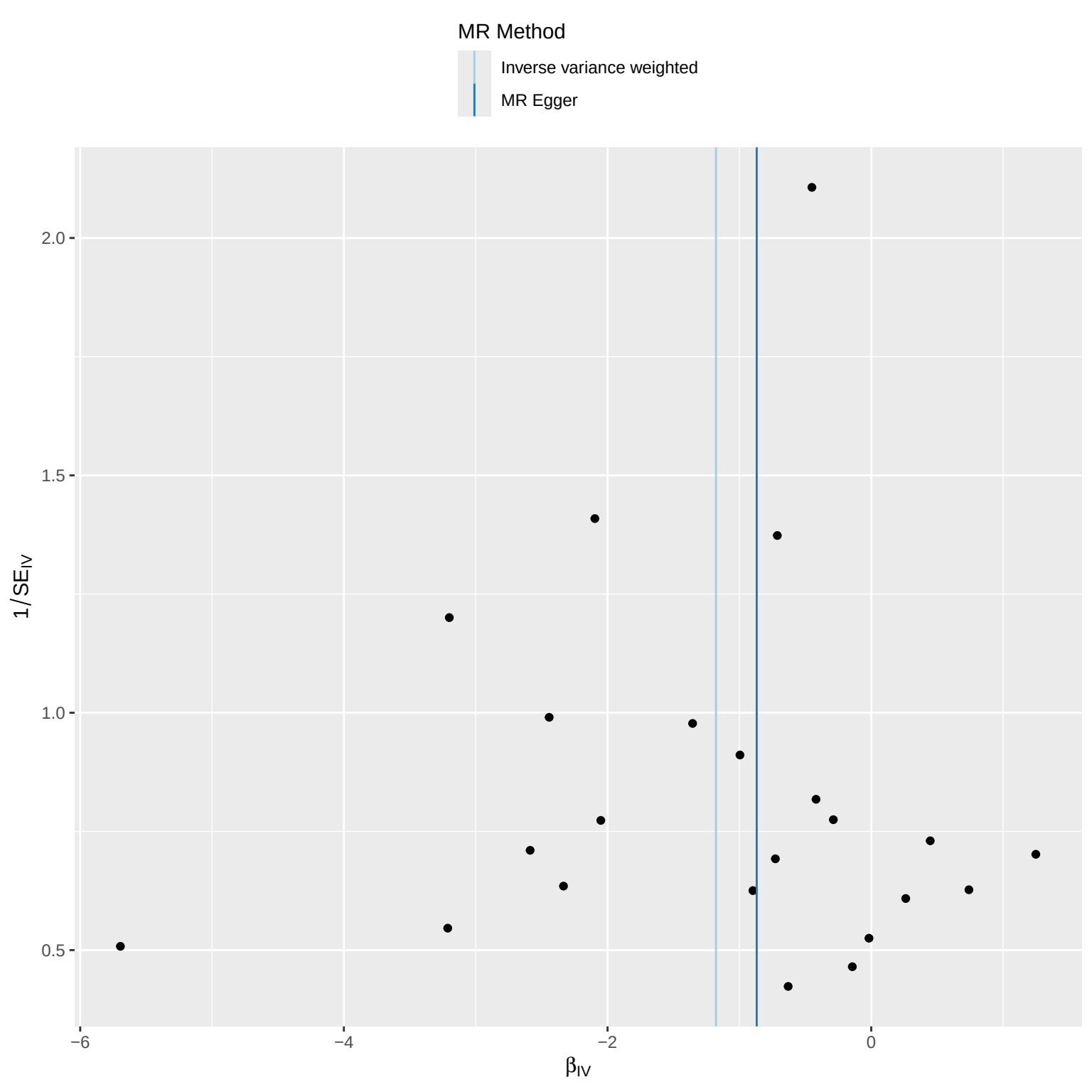

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

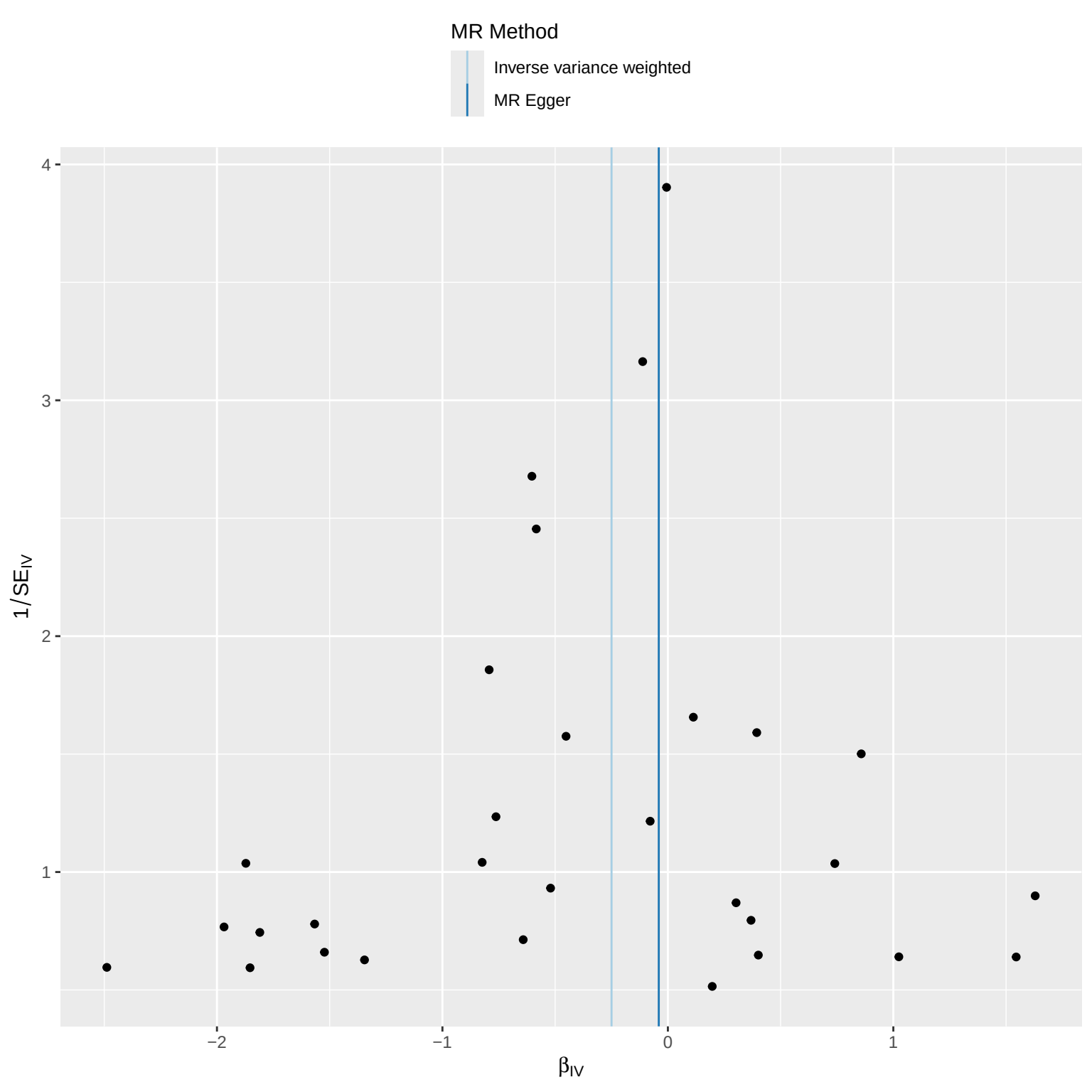

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
β_IV

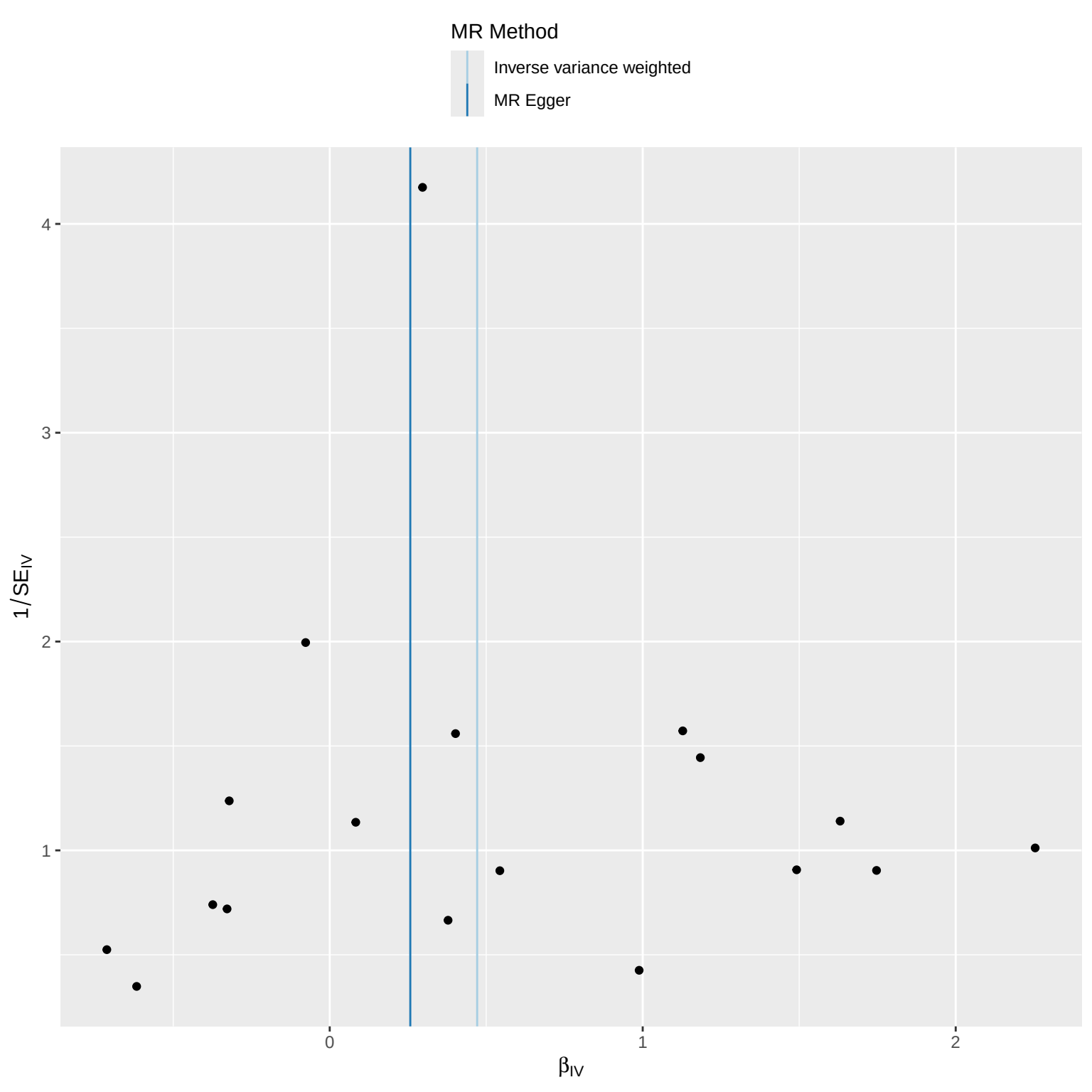

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

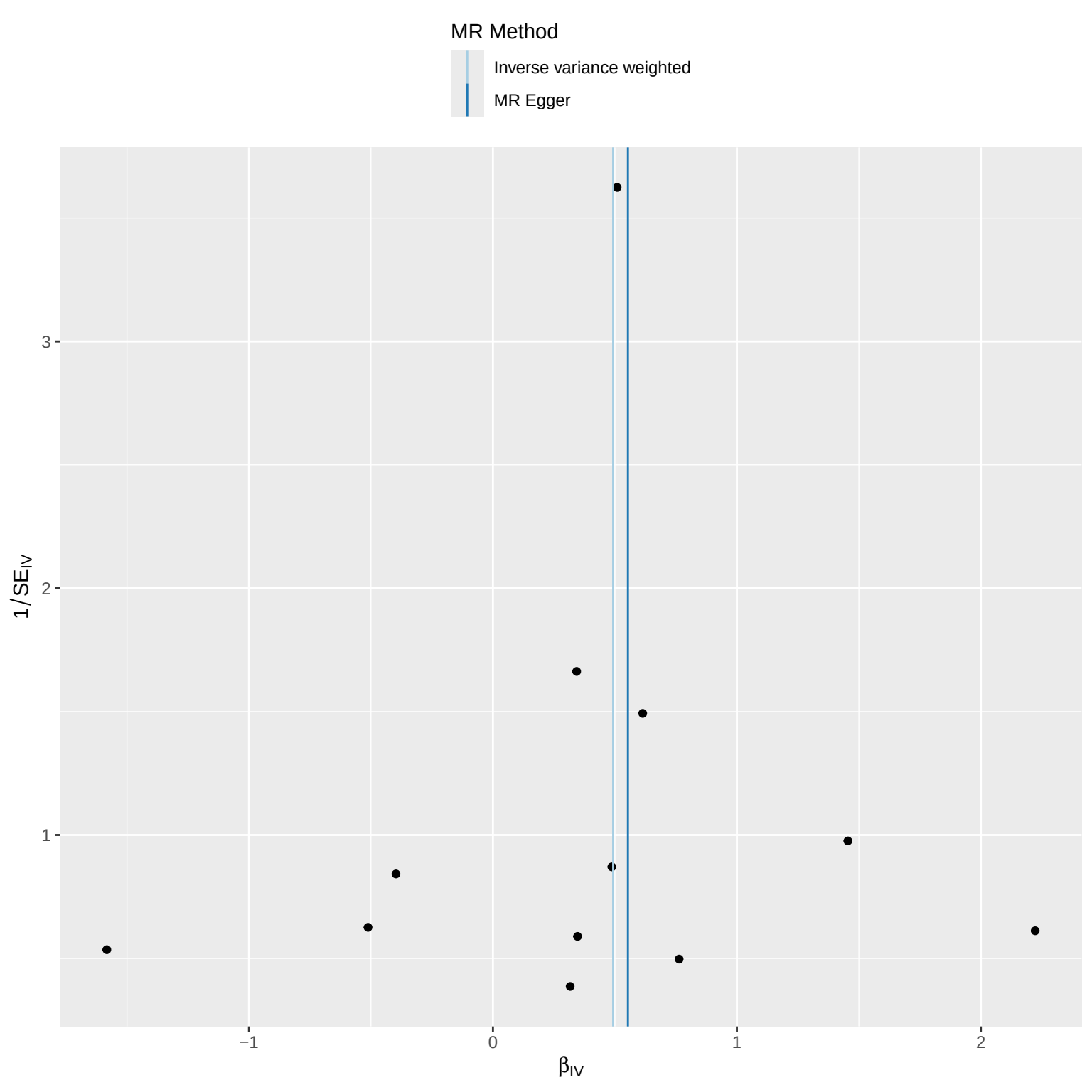

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
β_IV

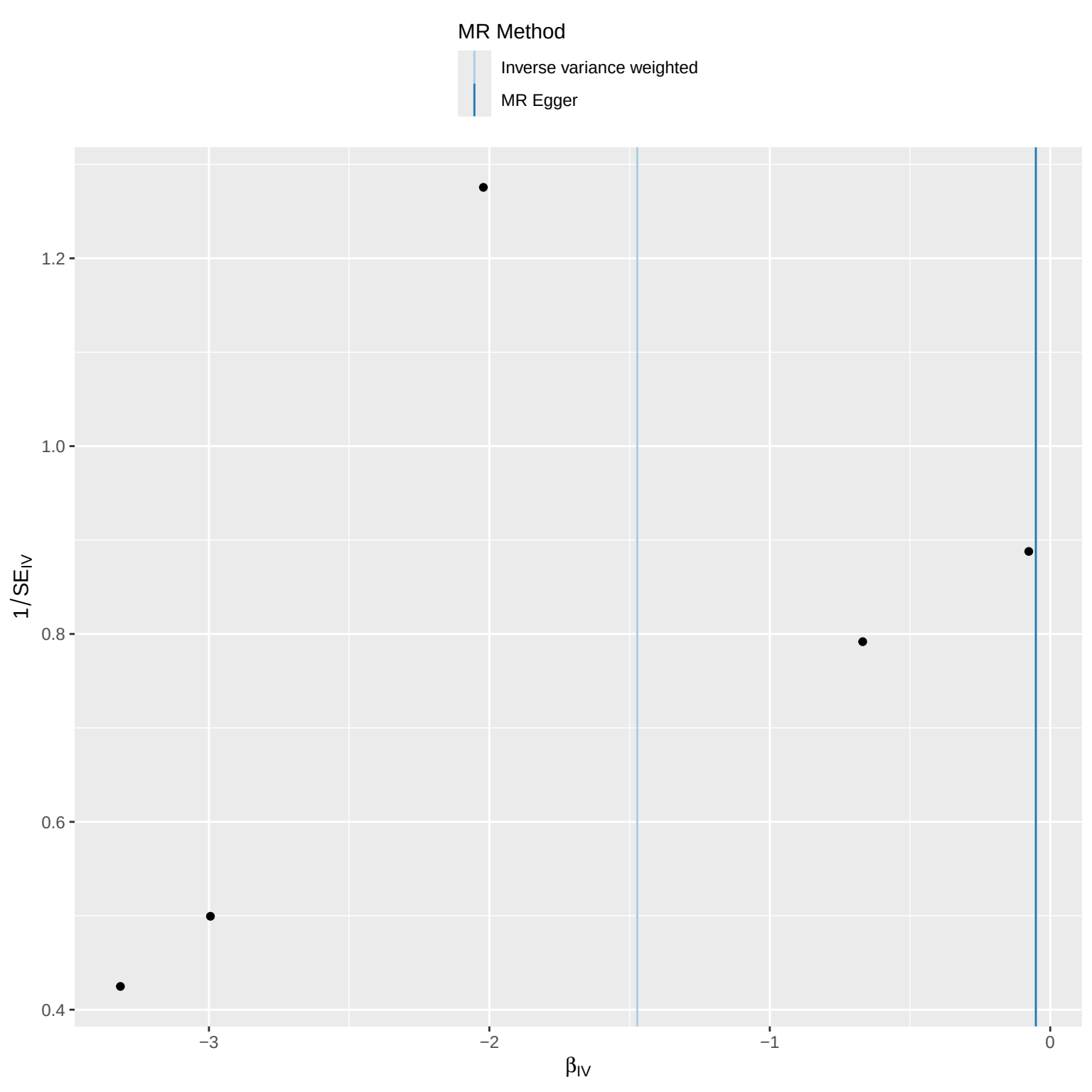

MR Method
Inverse variance weighted
MR Egger
1.4
1.0
0.6
1/SE_IV
−1
0
1
2
β_IV

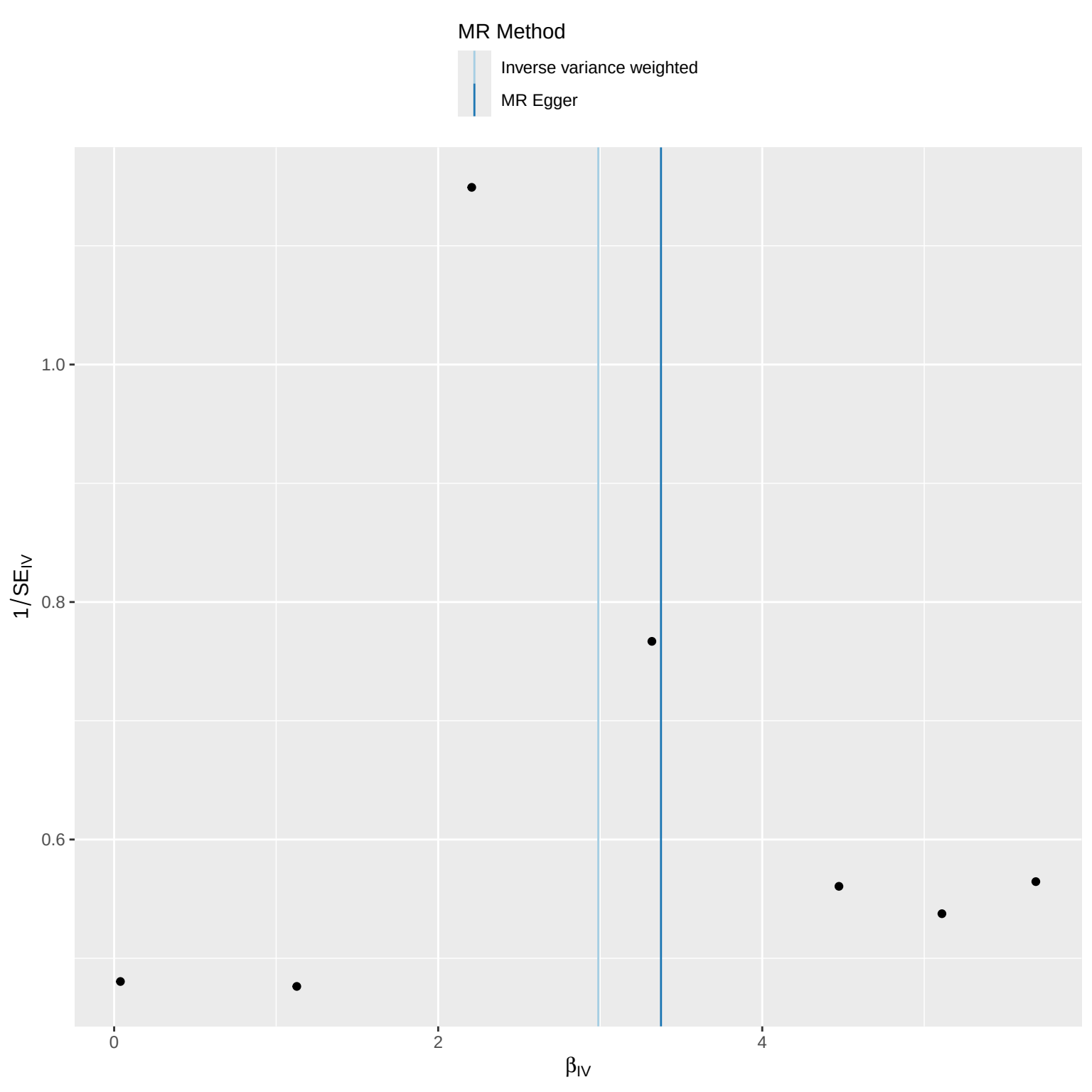

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
β_IV

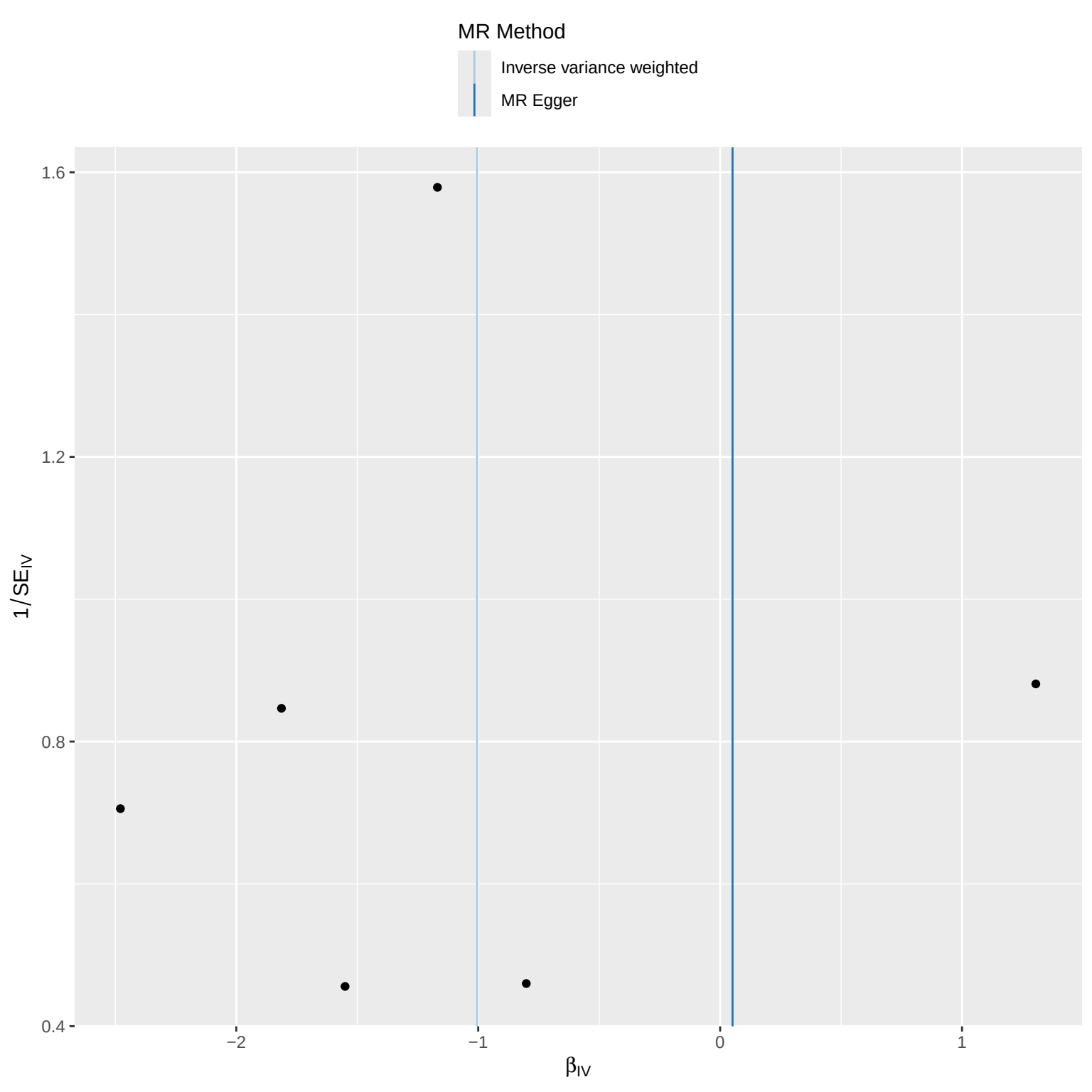

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

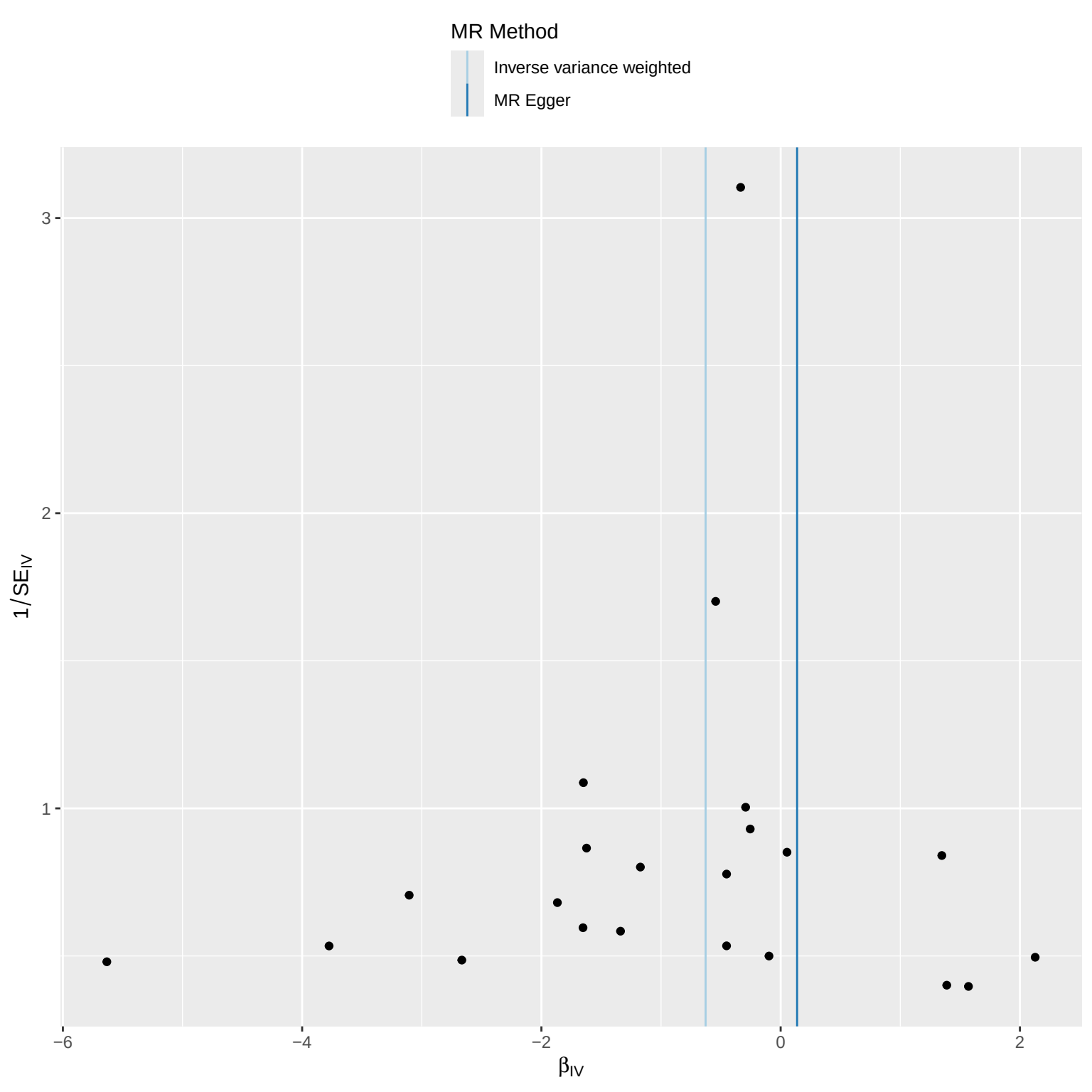

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

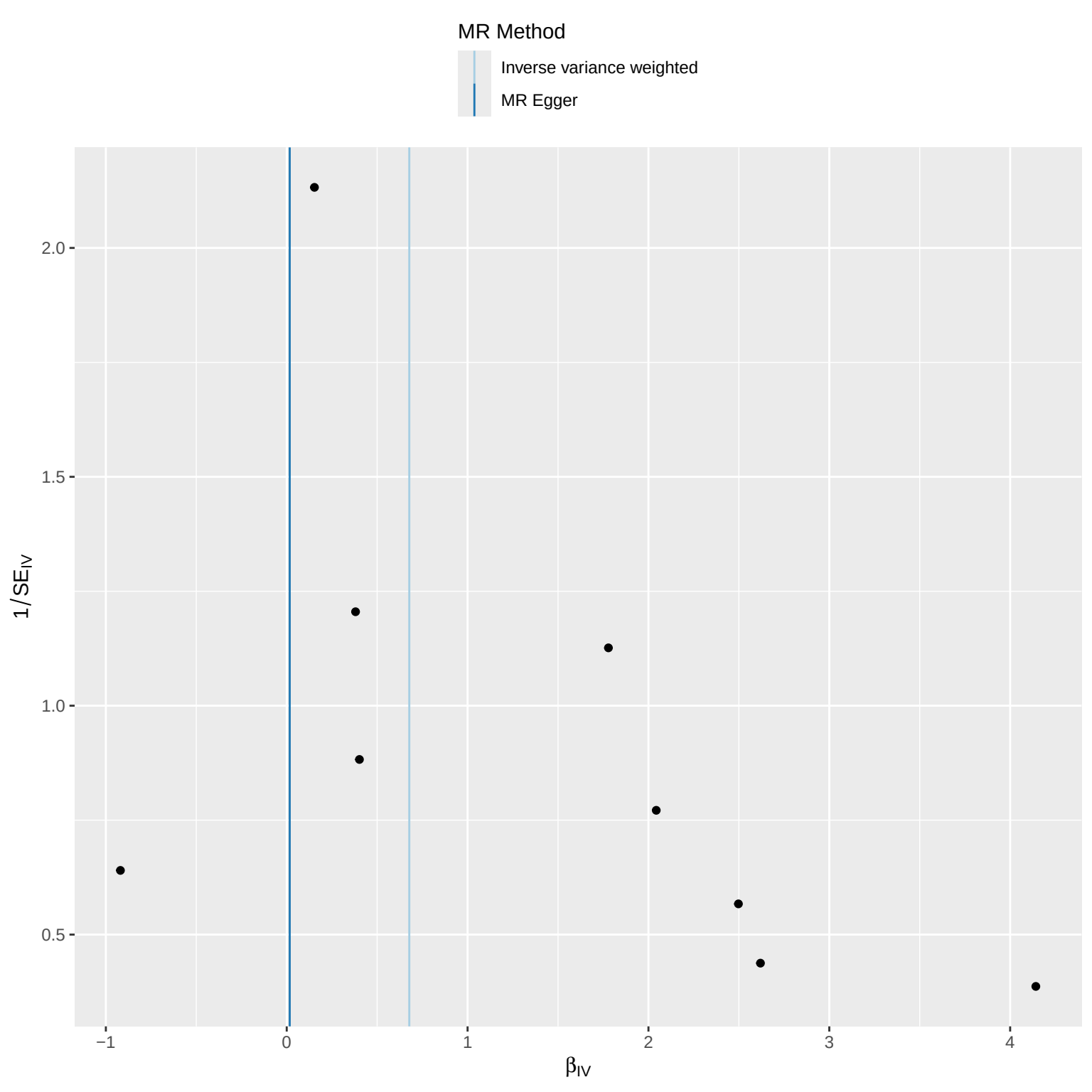

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

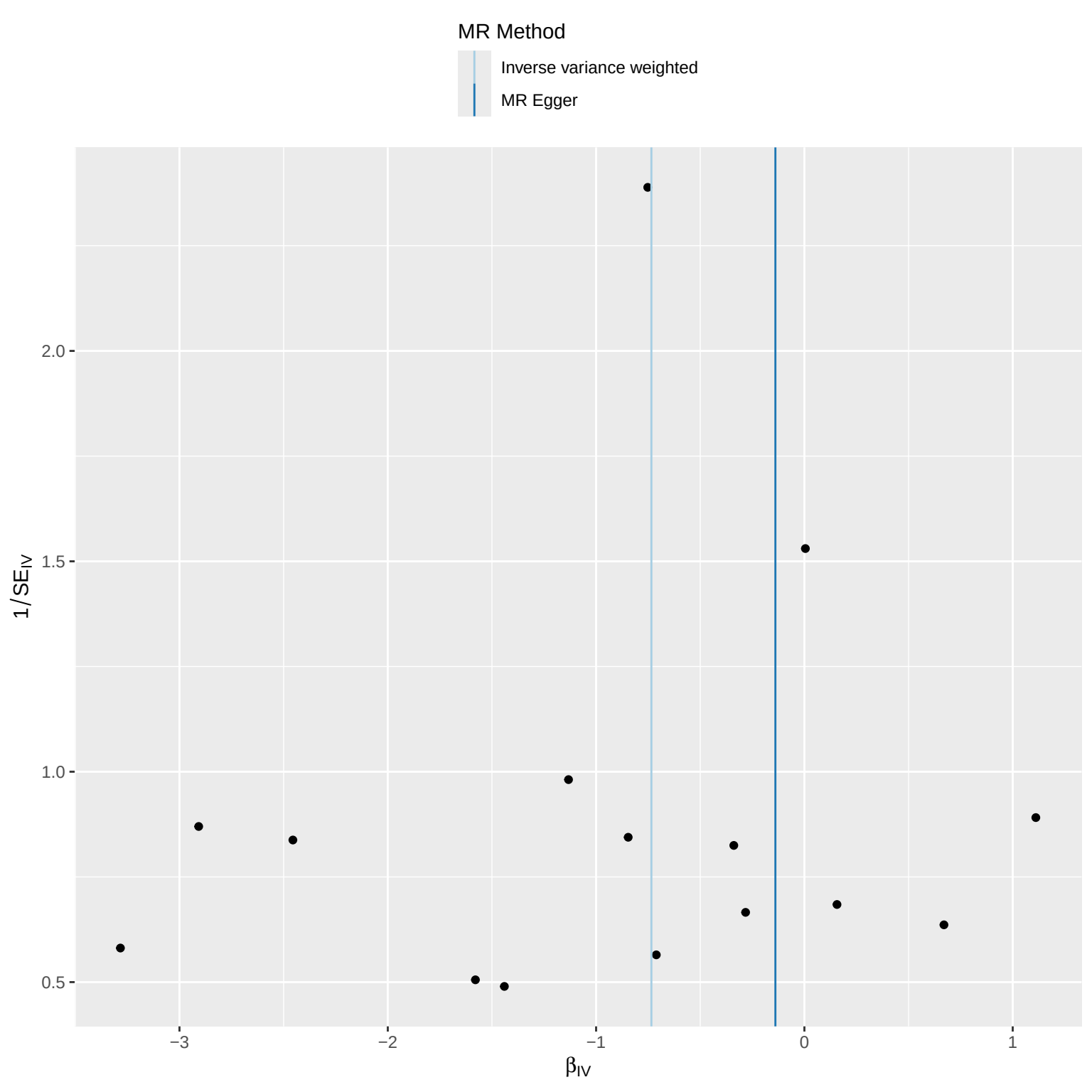

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
β_IV

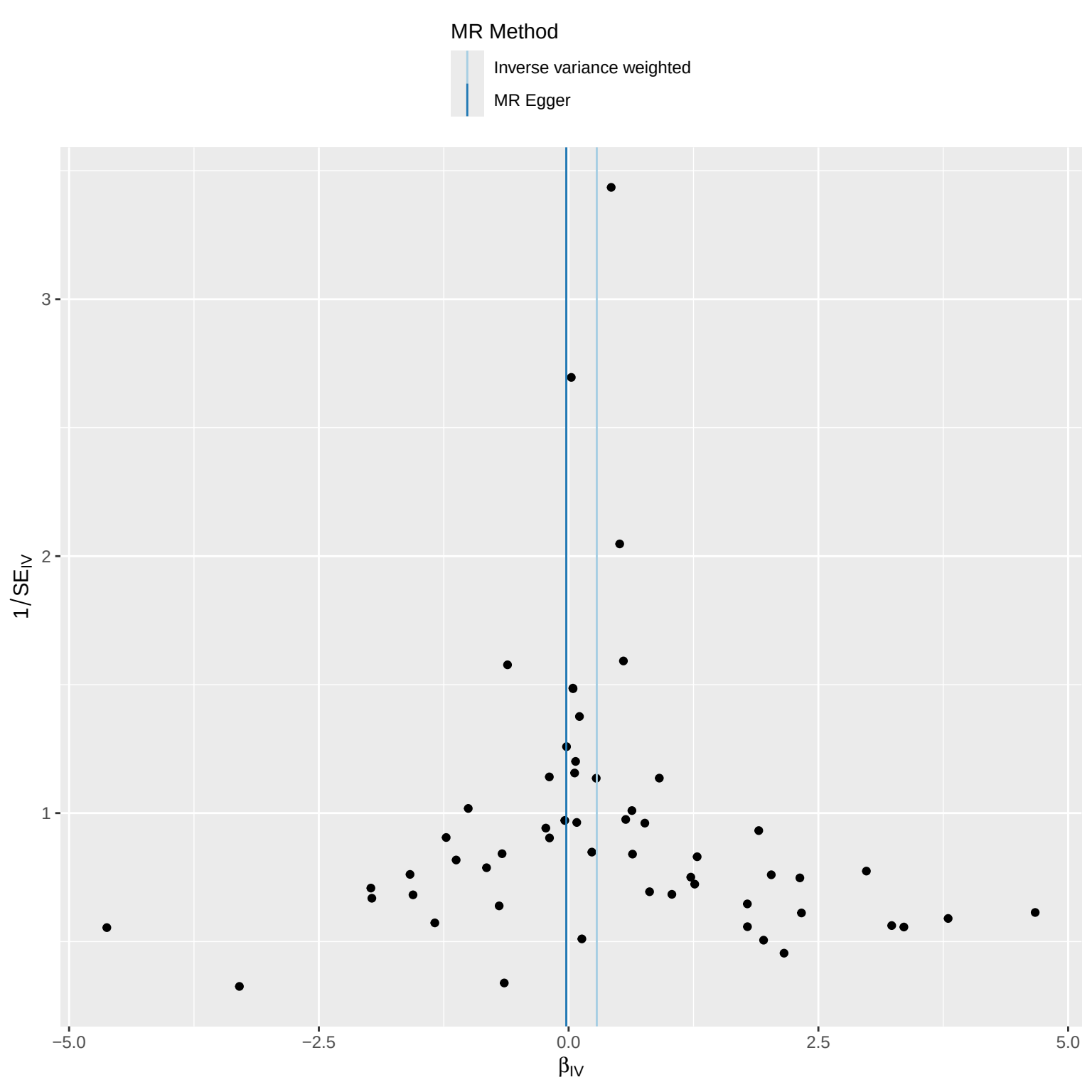

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
0
2
4
β_IV

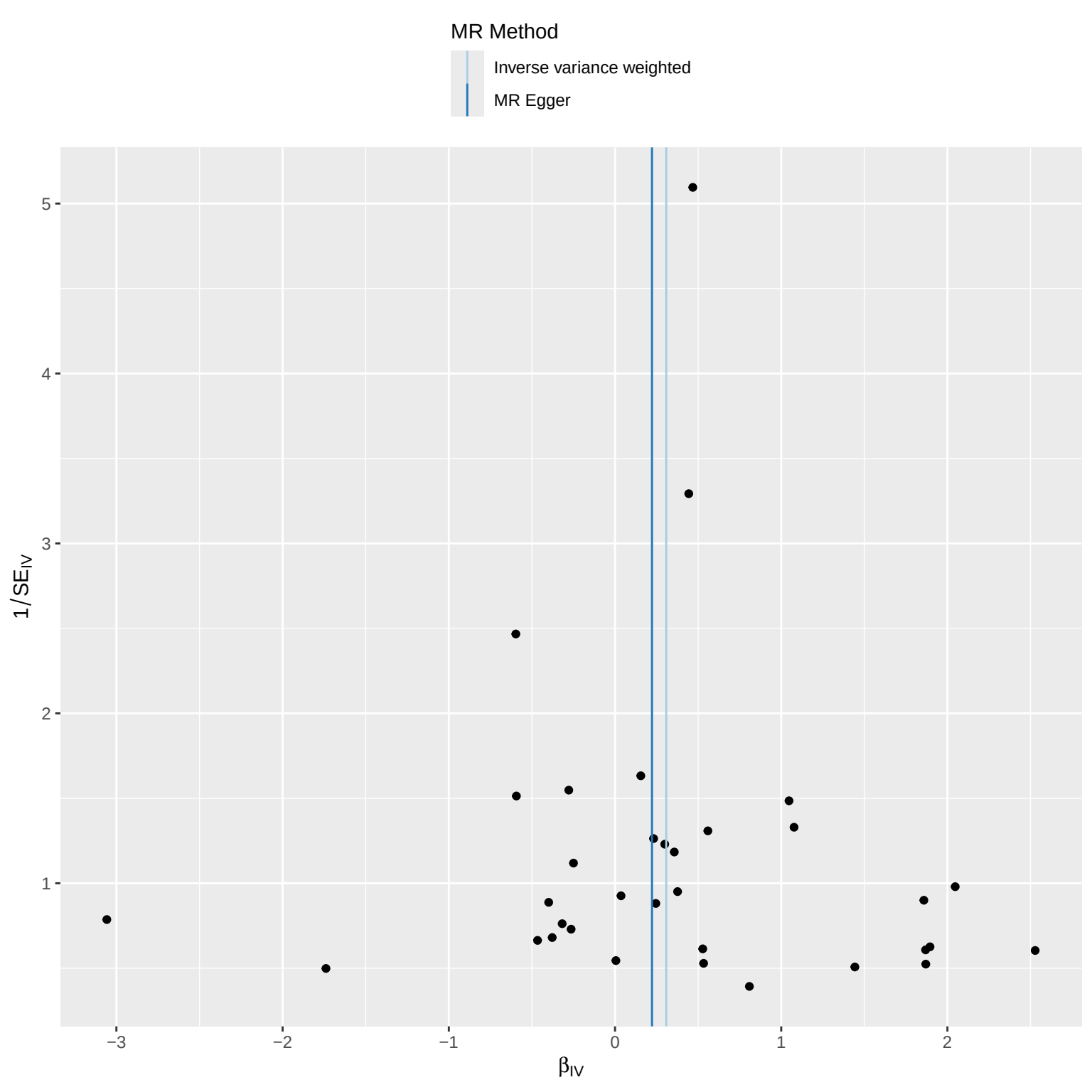

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

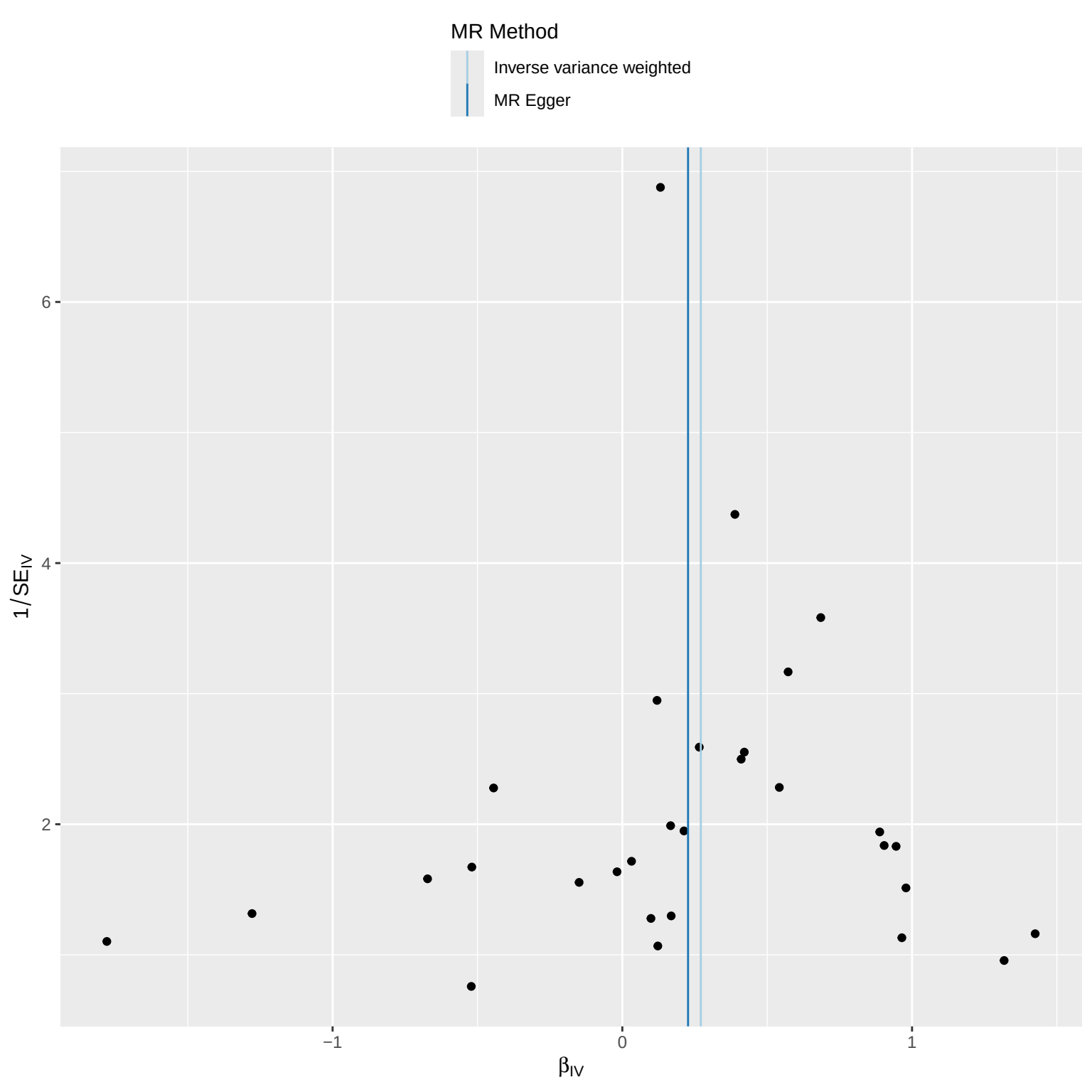

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

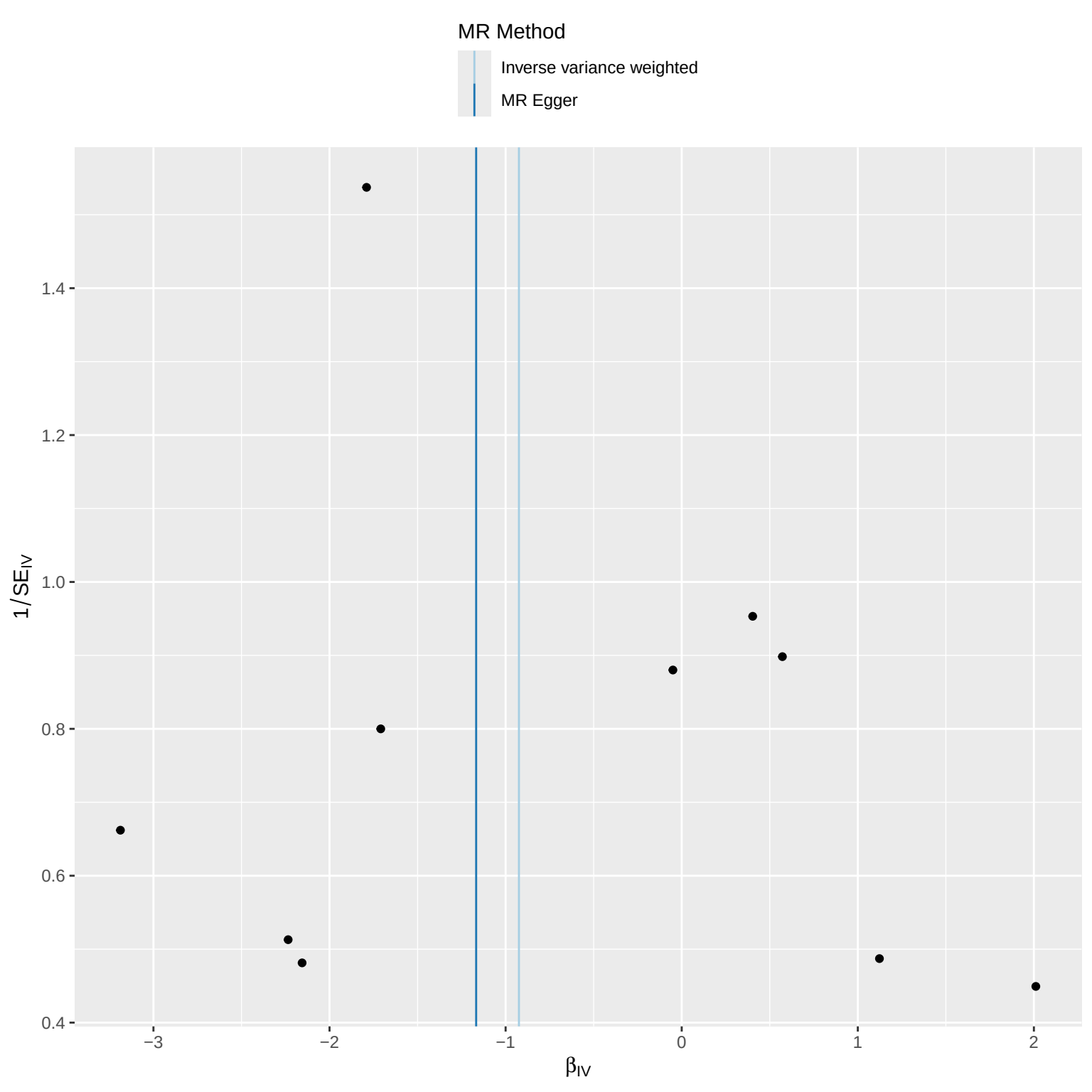

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

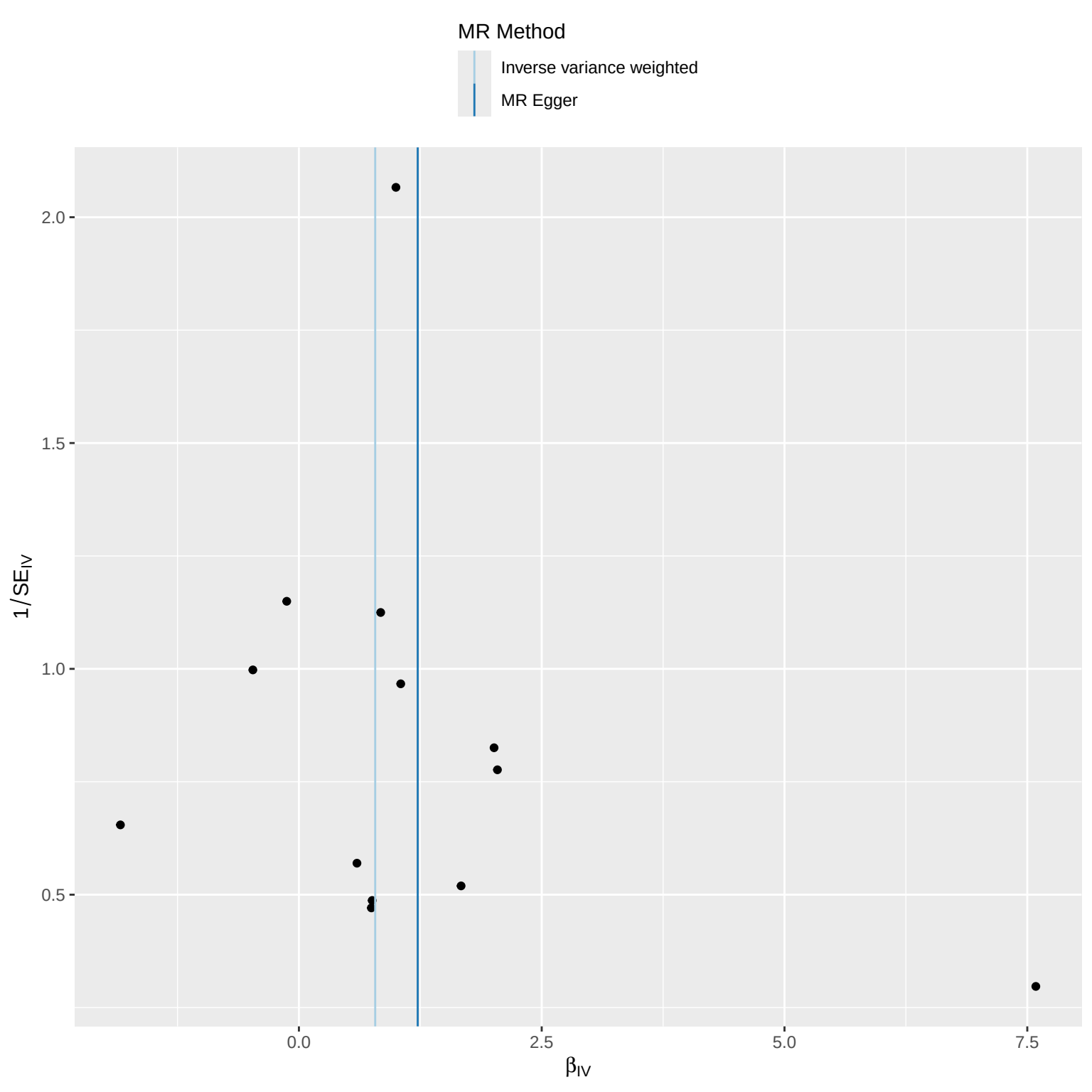

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

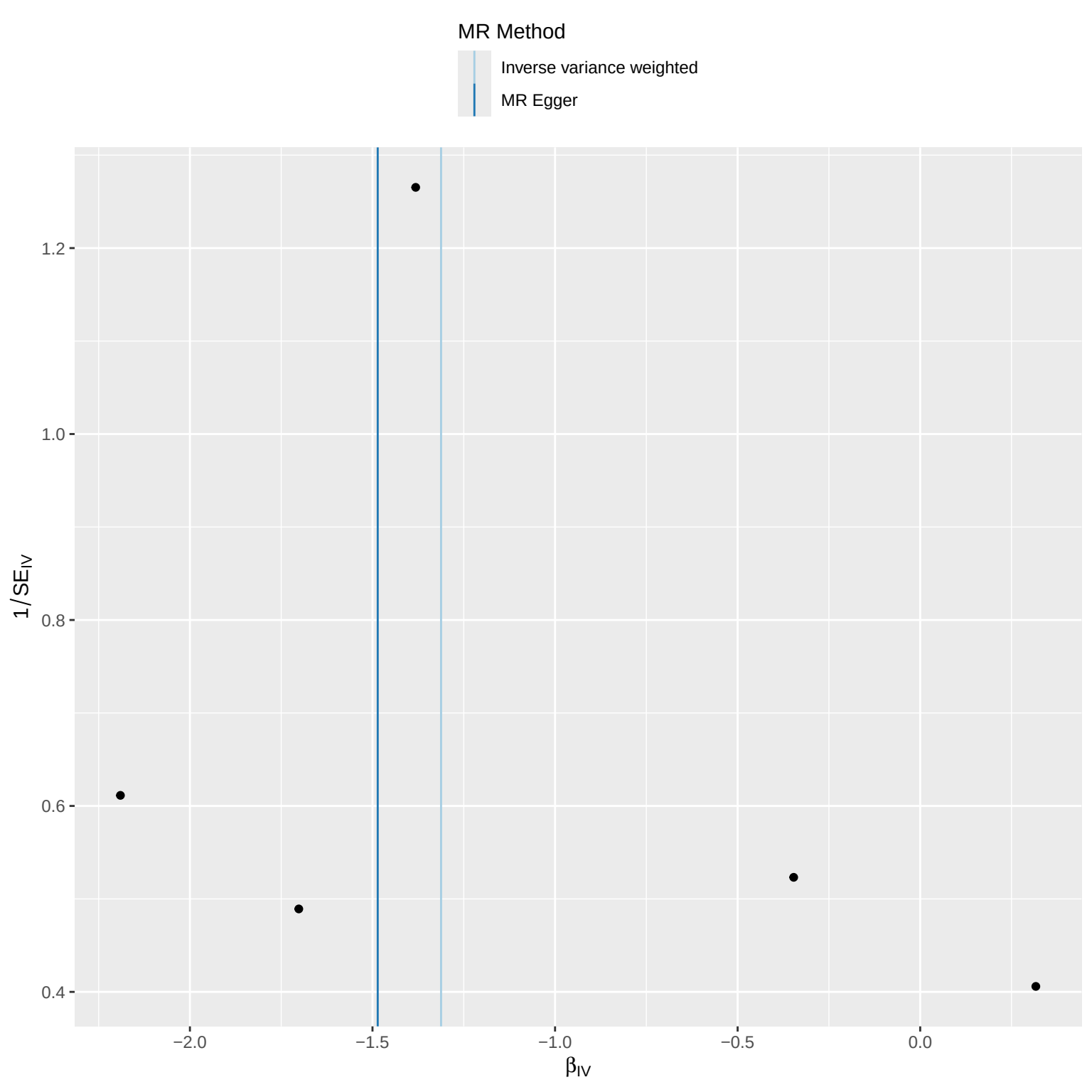

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

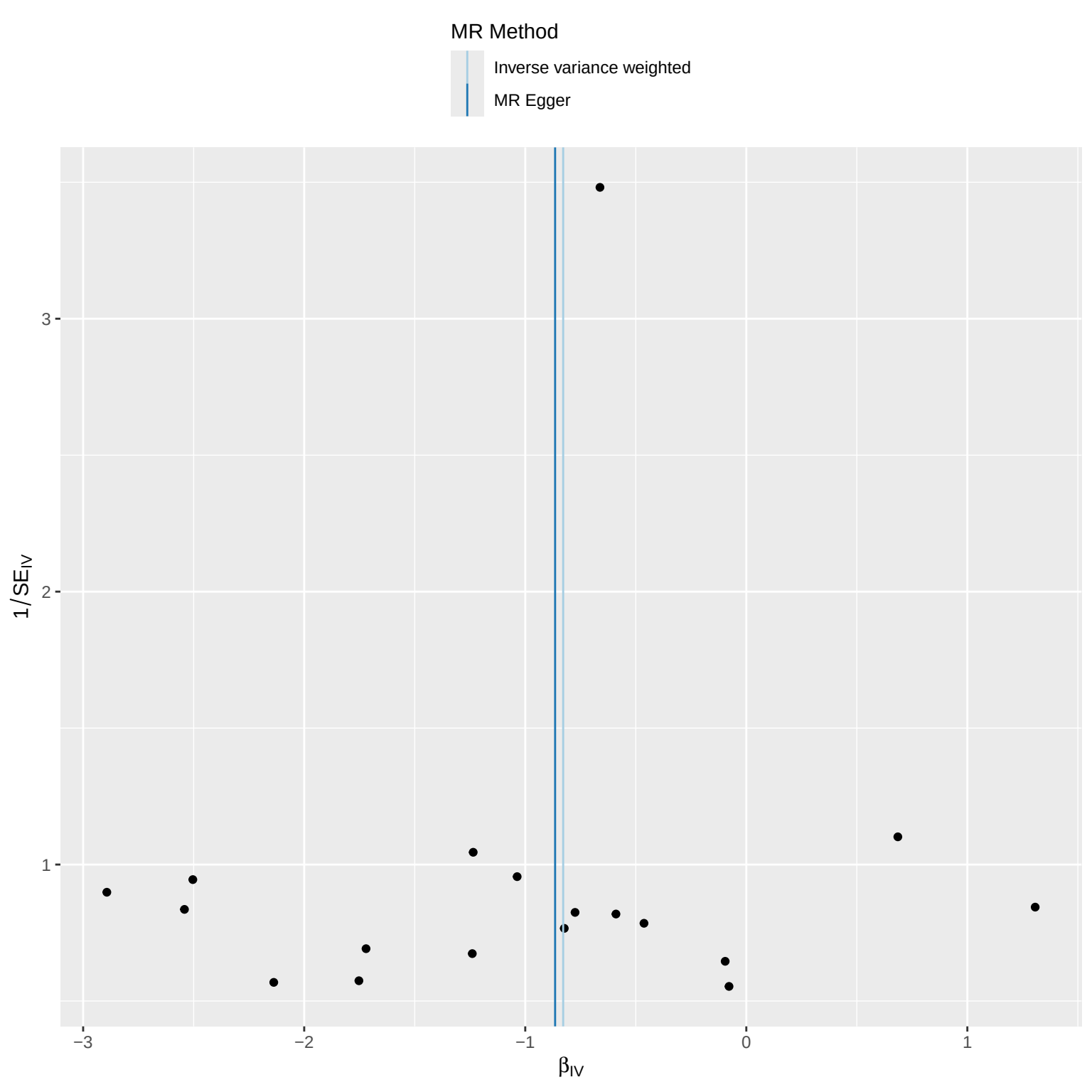

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−3
−2
−1
0
1
2

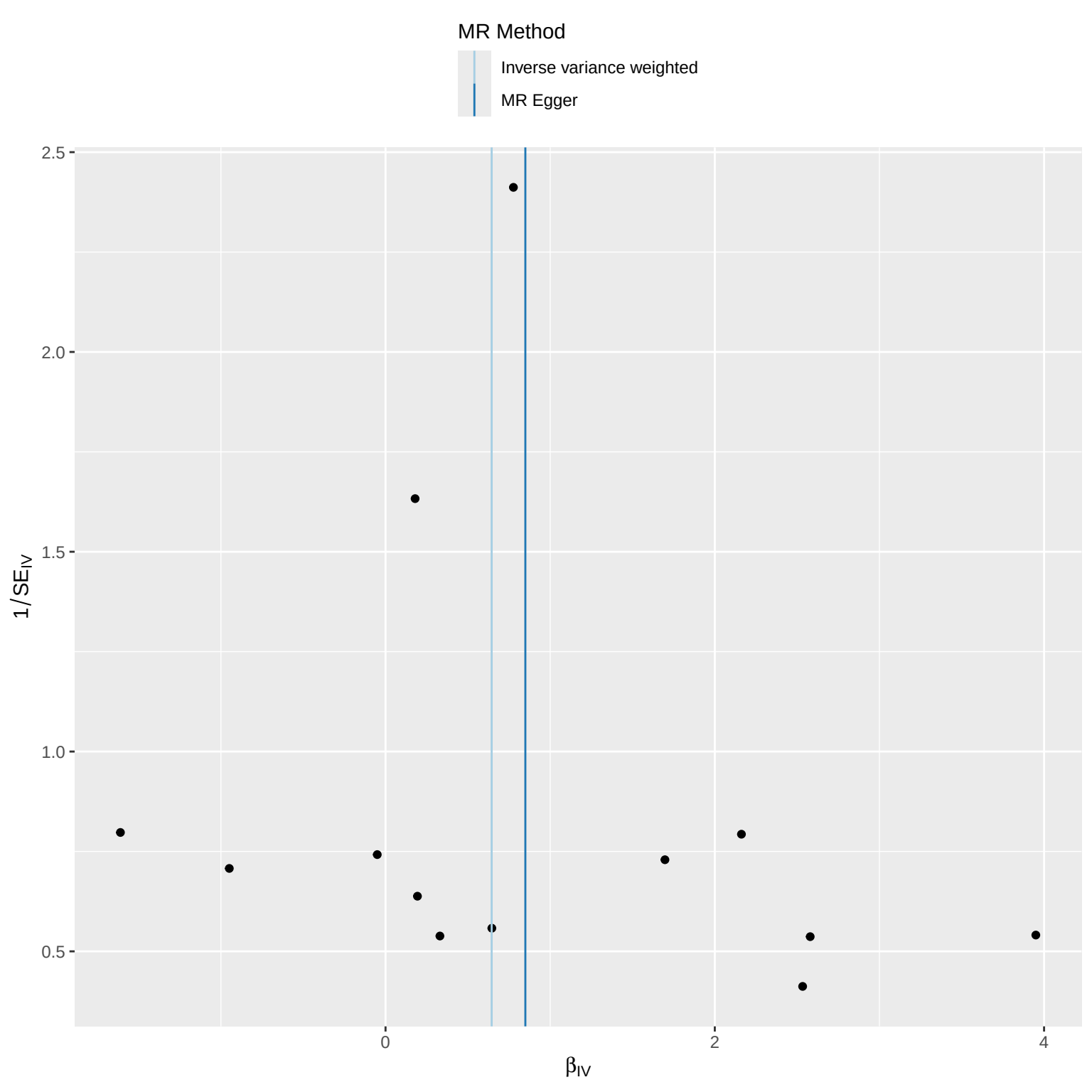

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

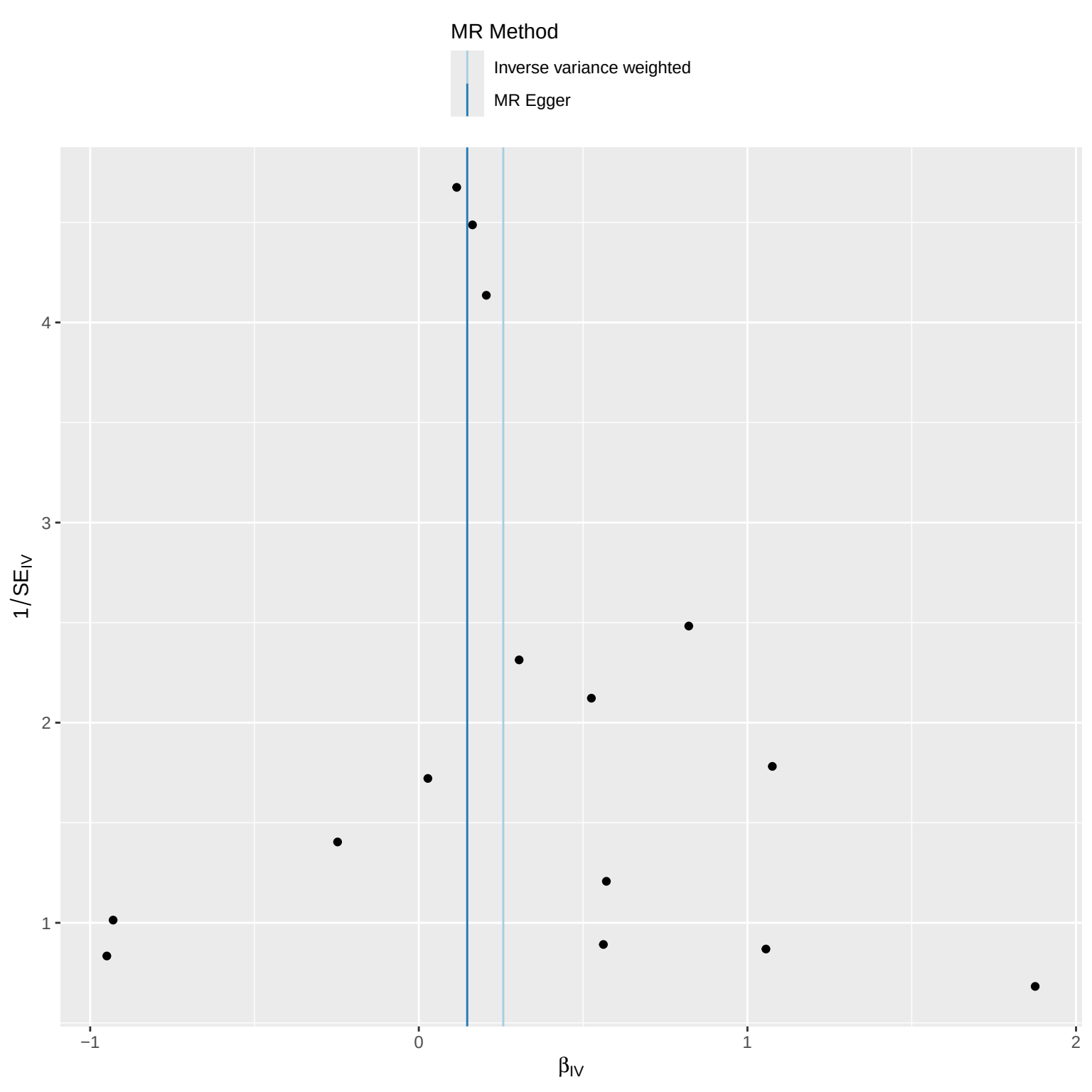

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
2
β_IV

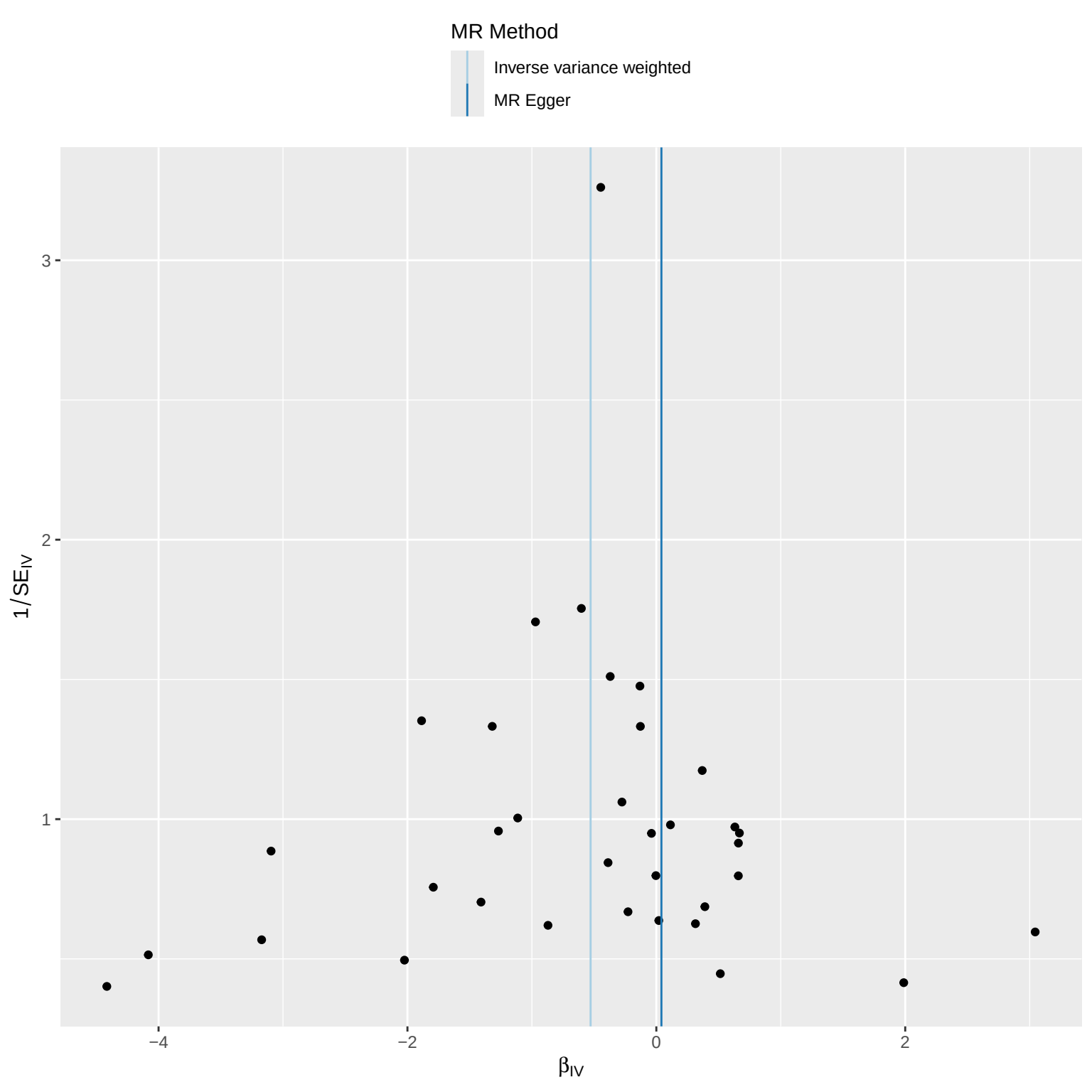

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0.0
2.5
5.0
7.5
β_IV

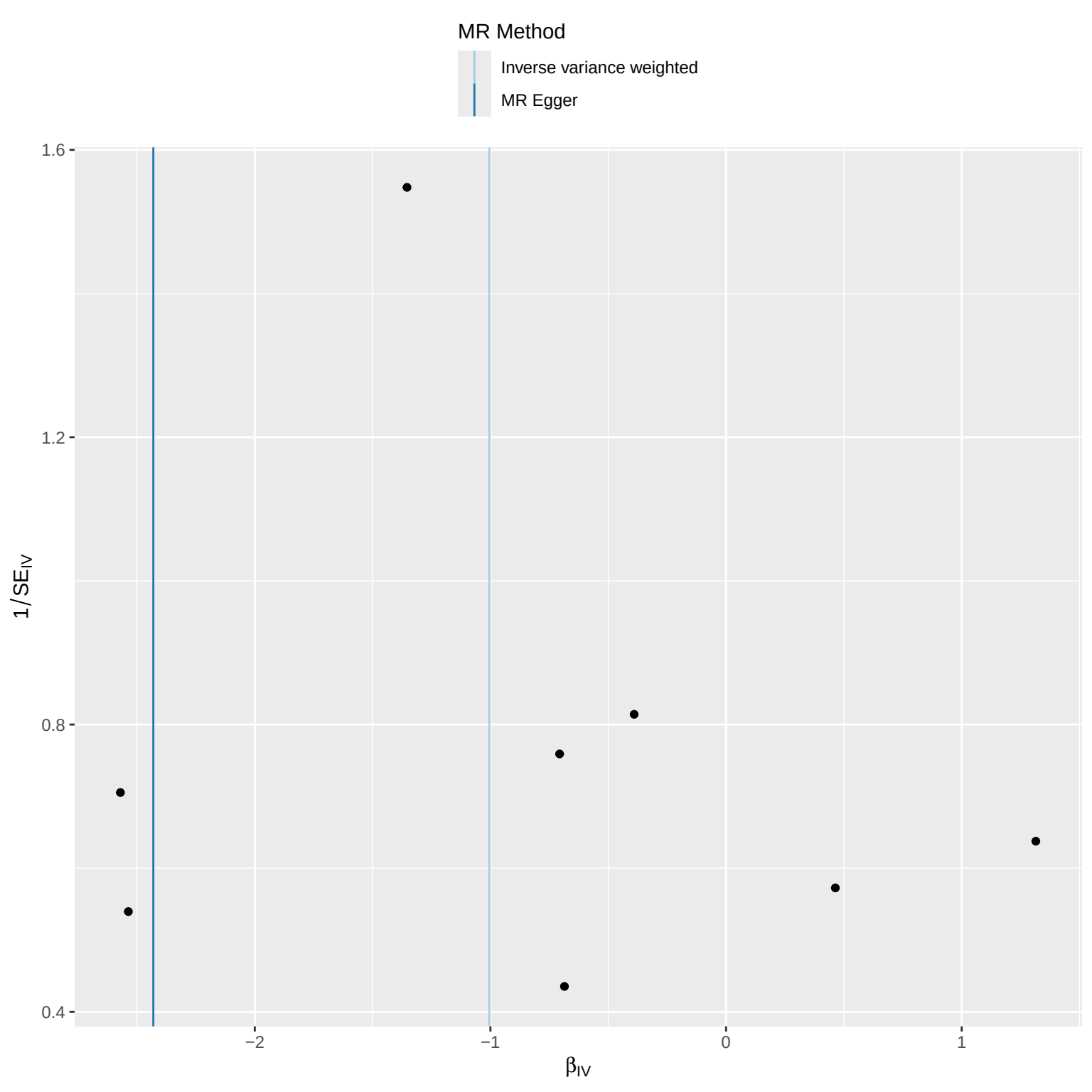

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

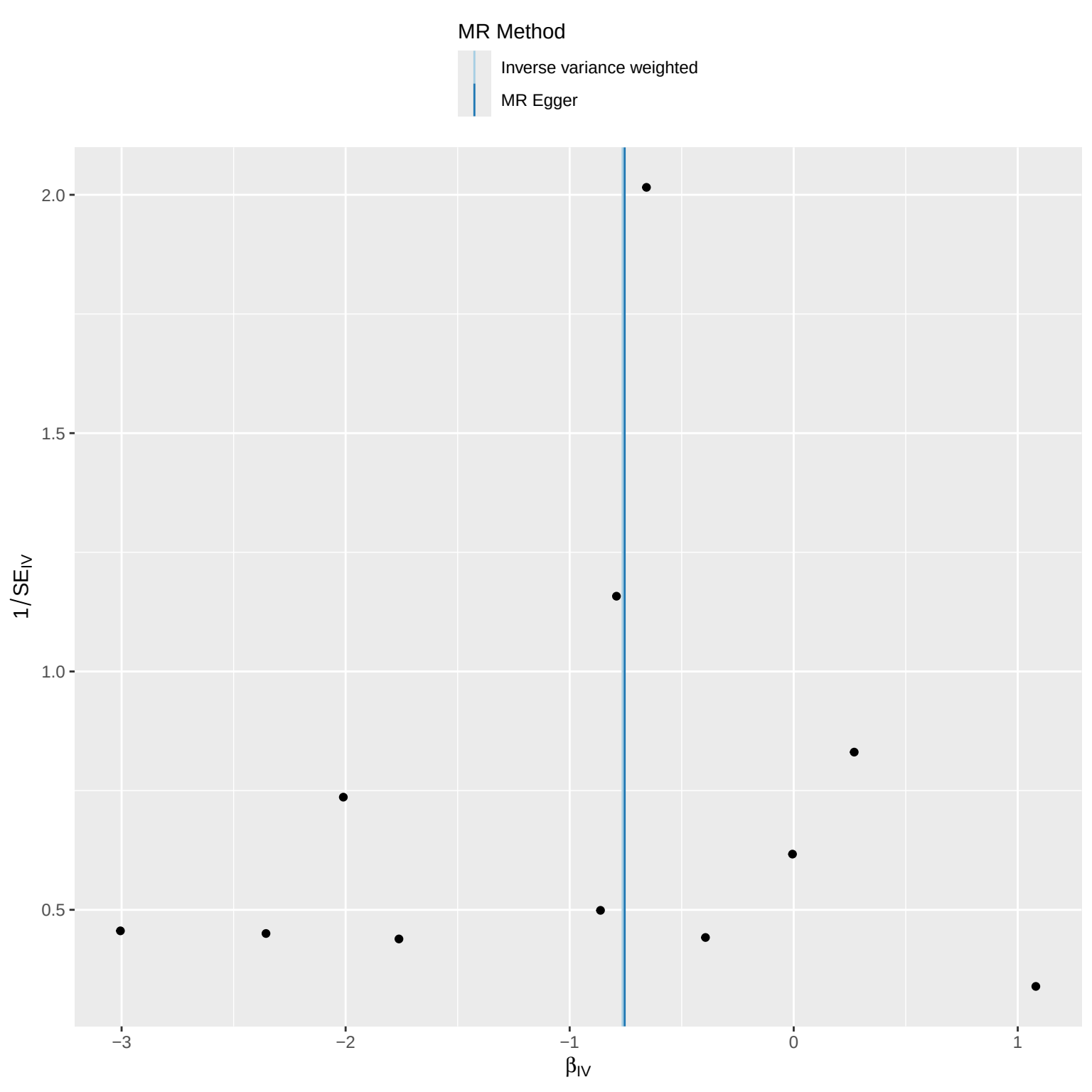

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

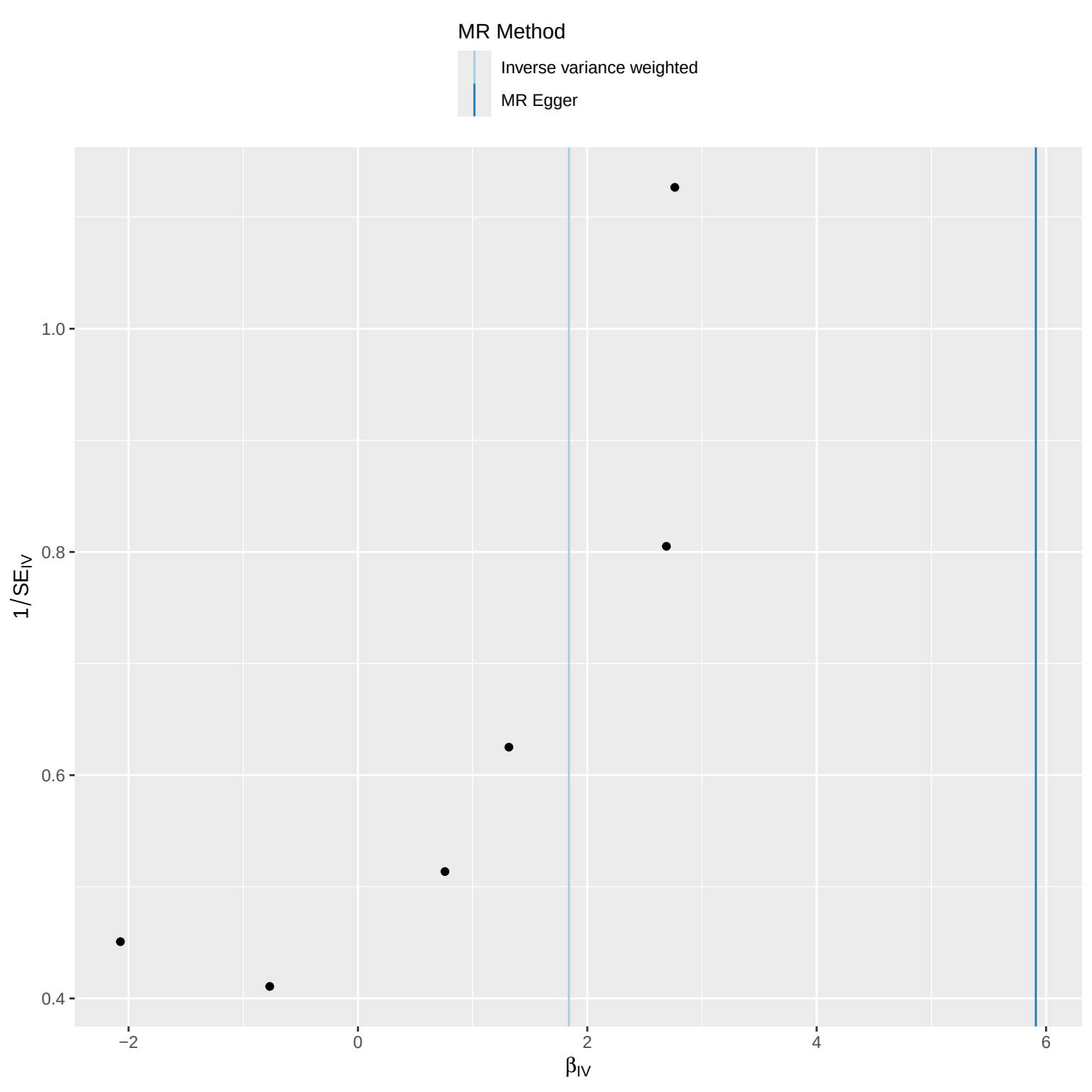

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

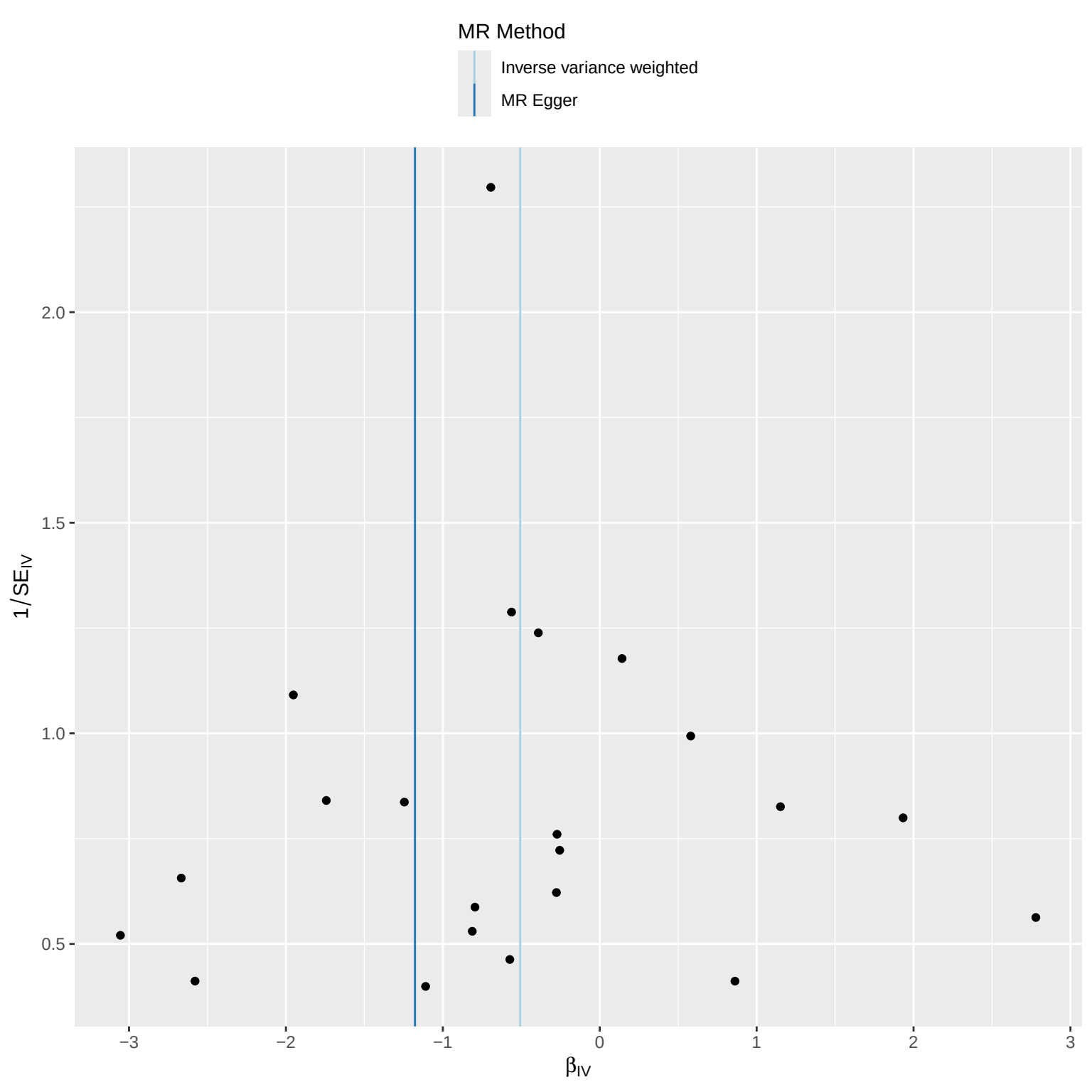

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

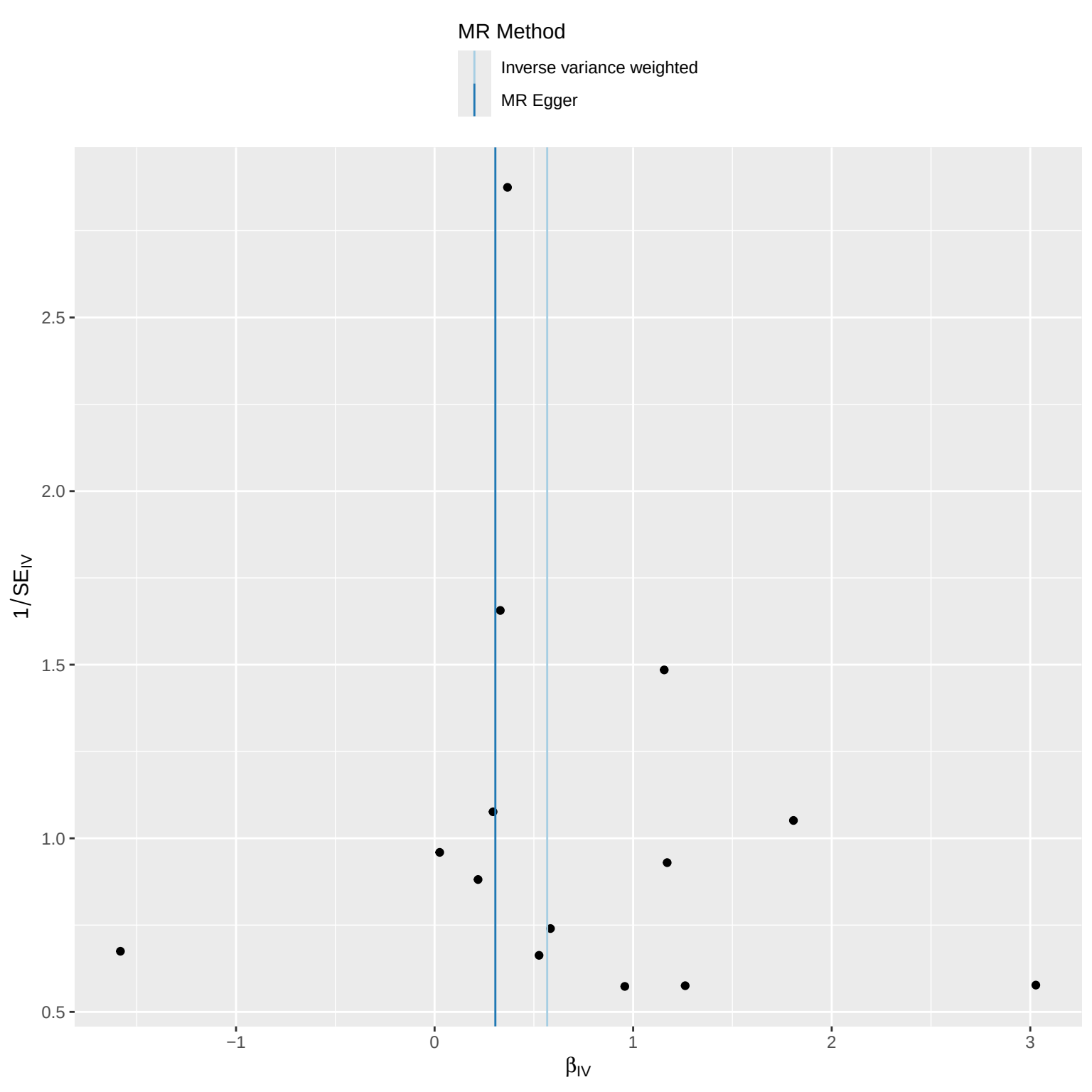

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

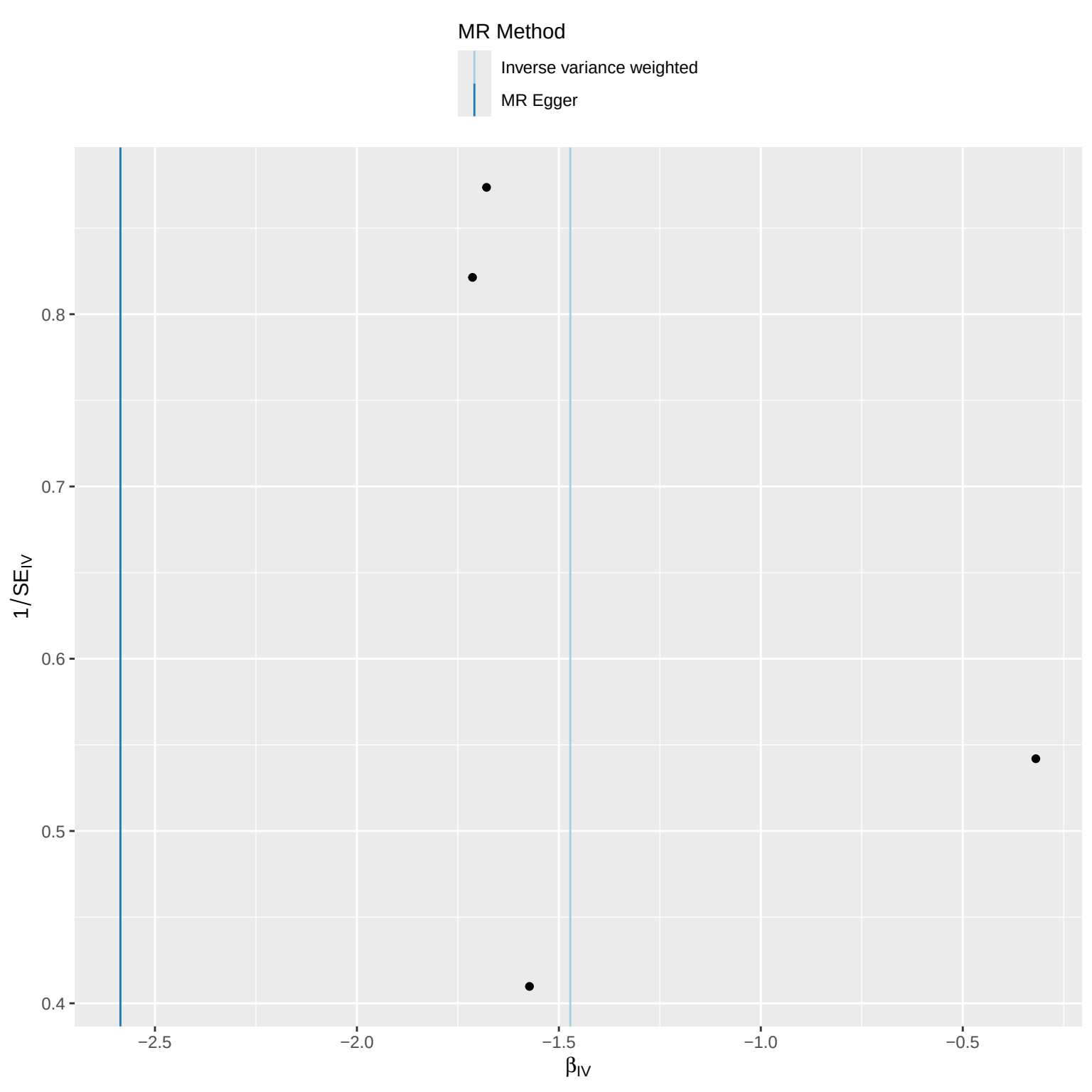

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

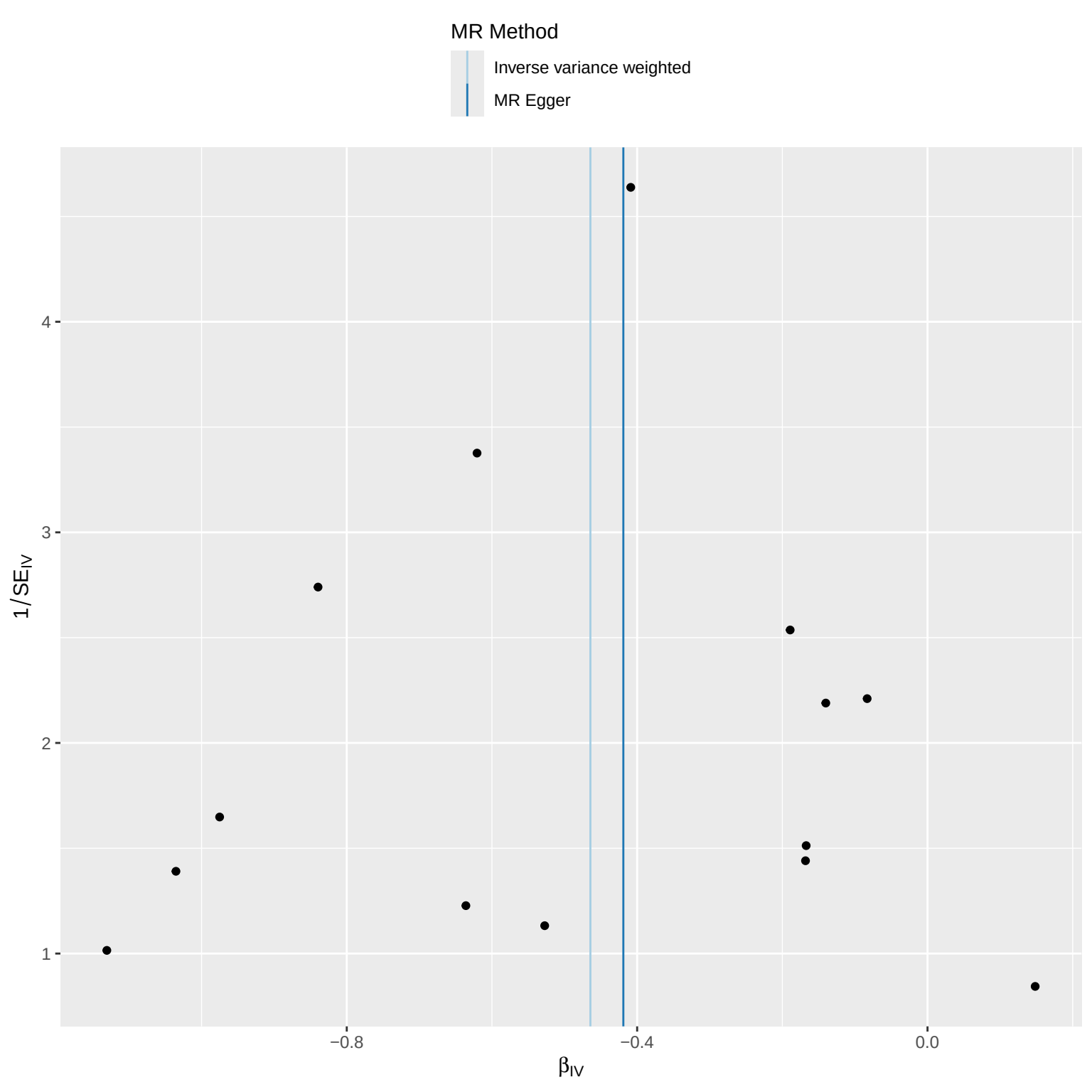

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

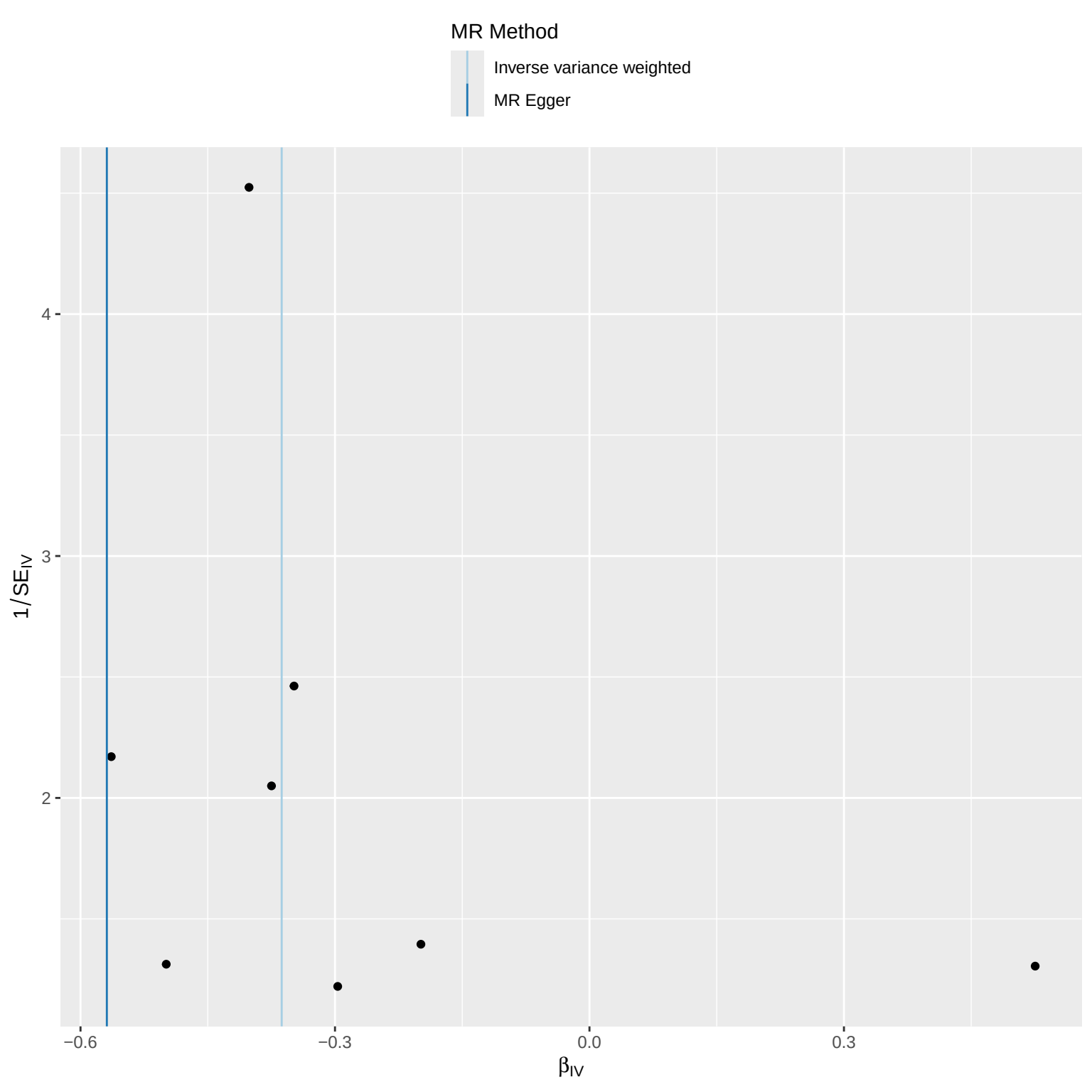

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
4
6
β_IV

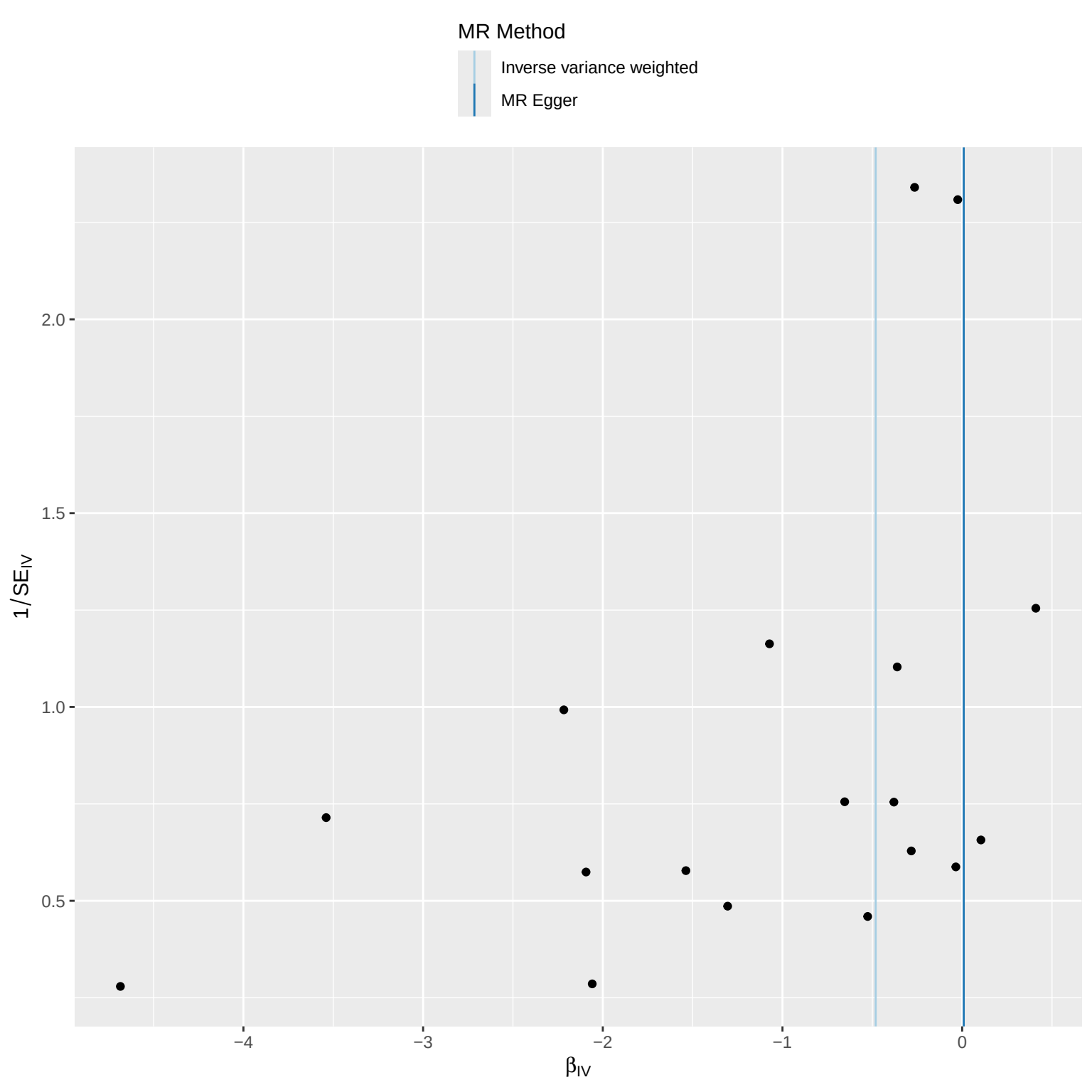

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

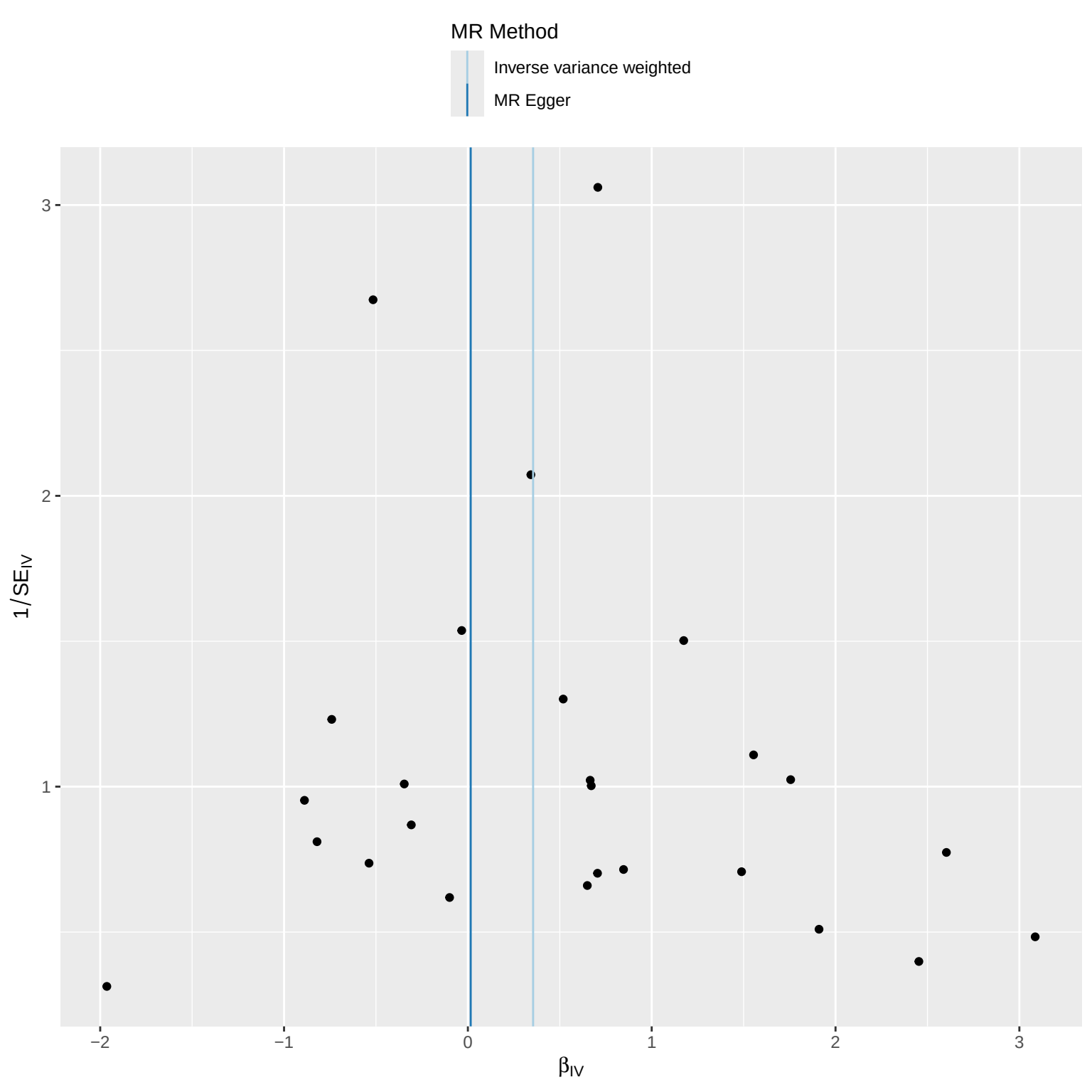

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

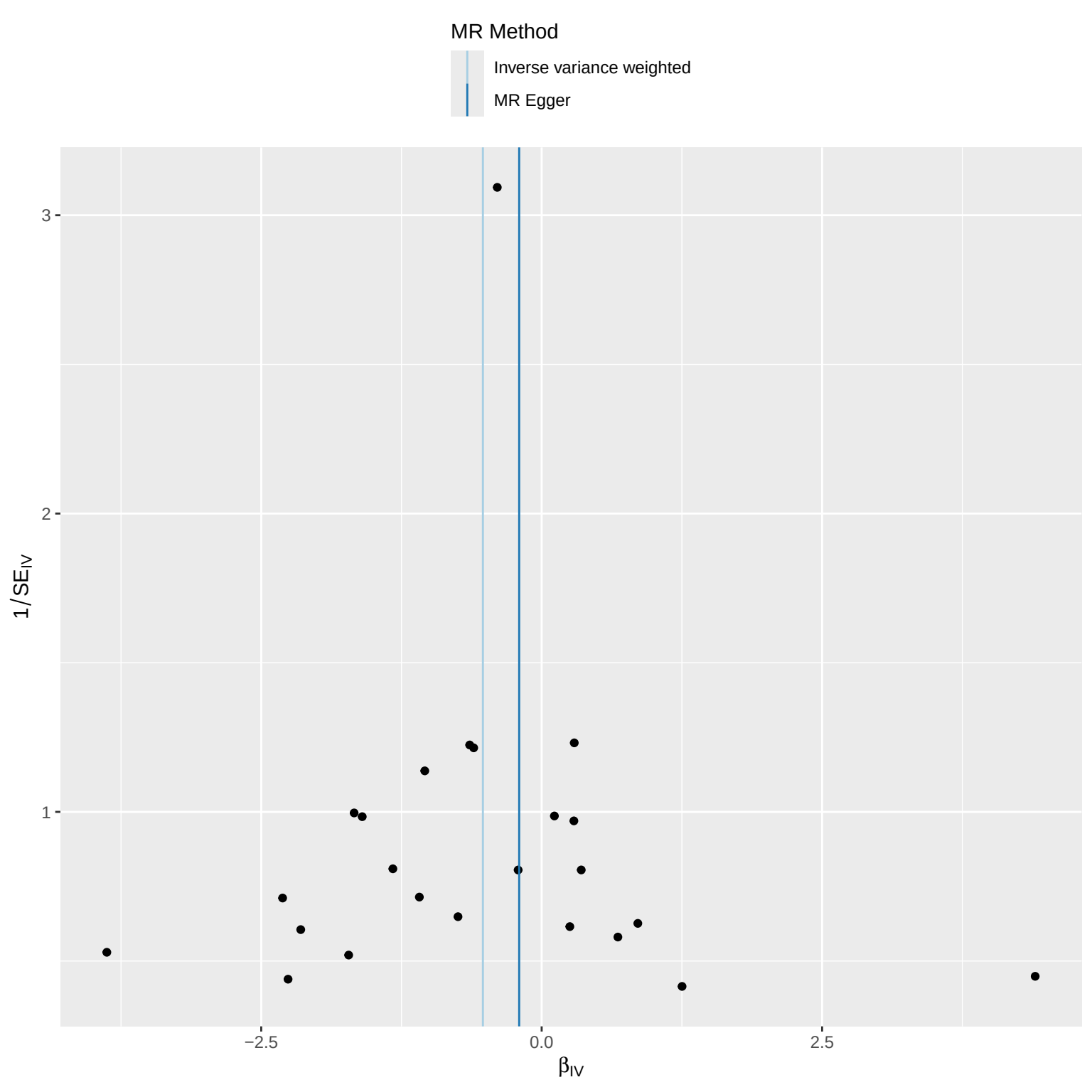

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

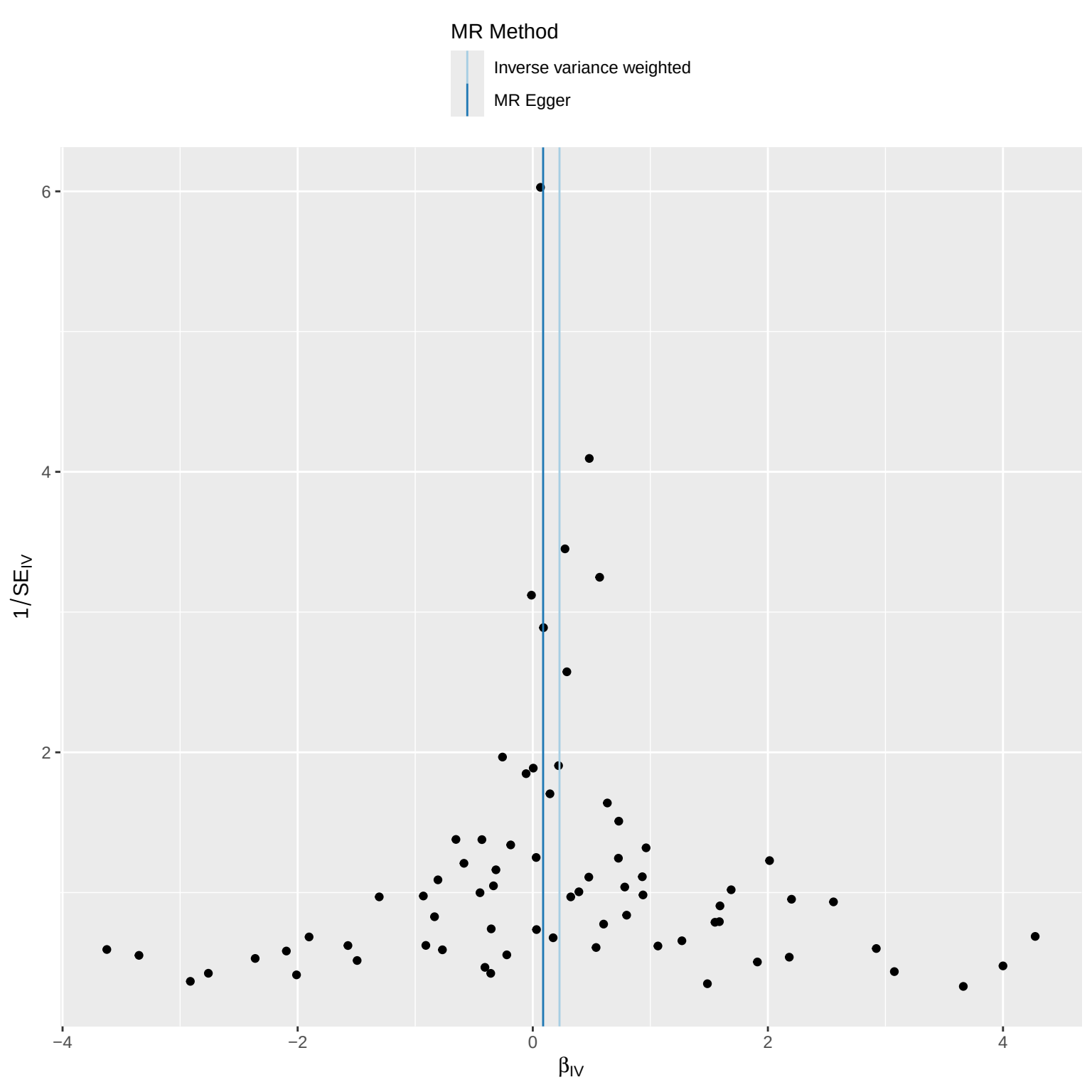

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.8
−0.4
0.0
β_IV

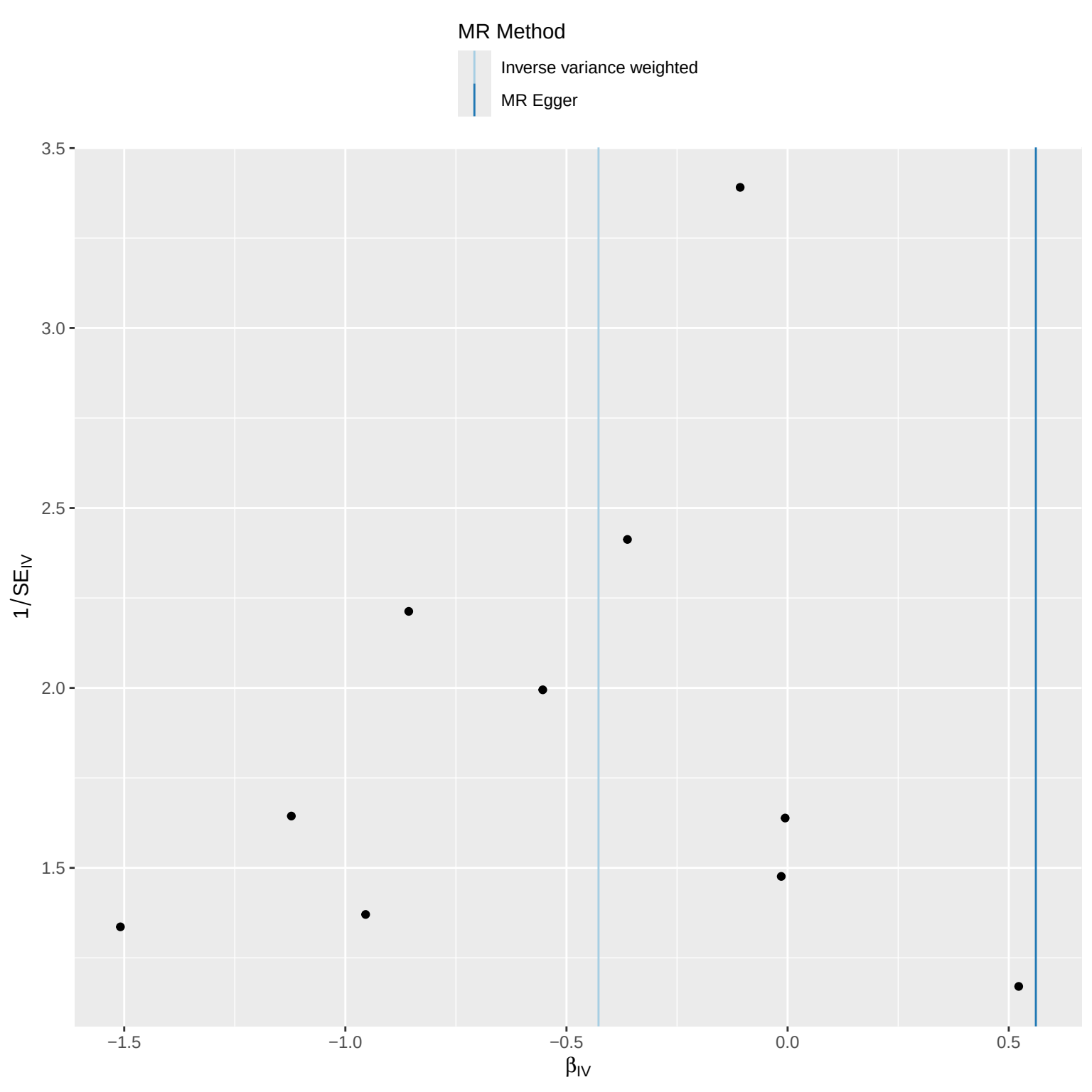

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

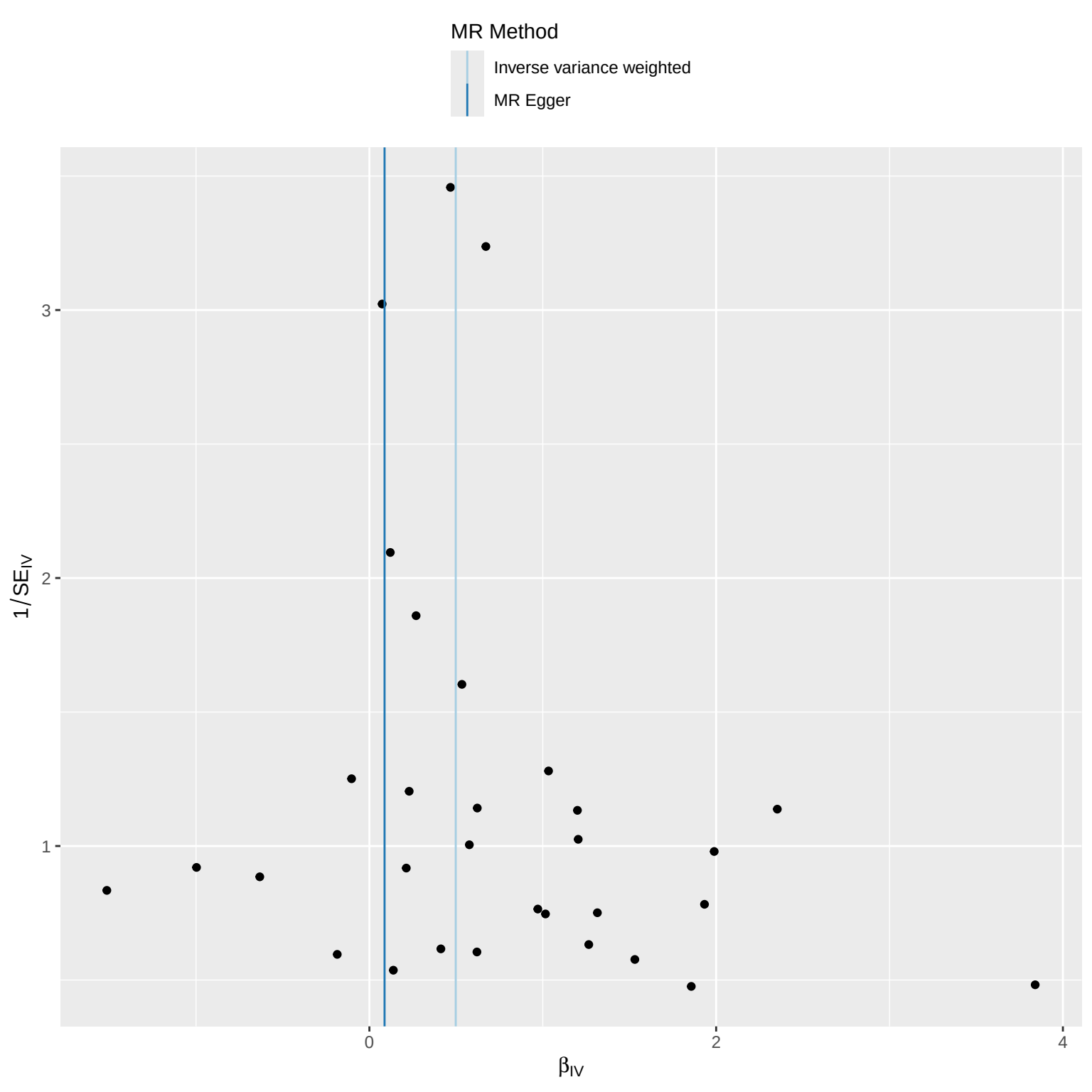

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

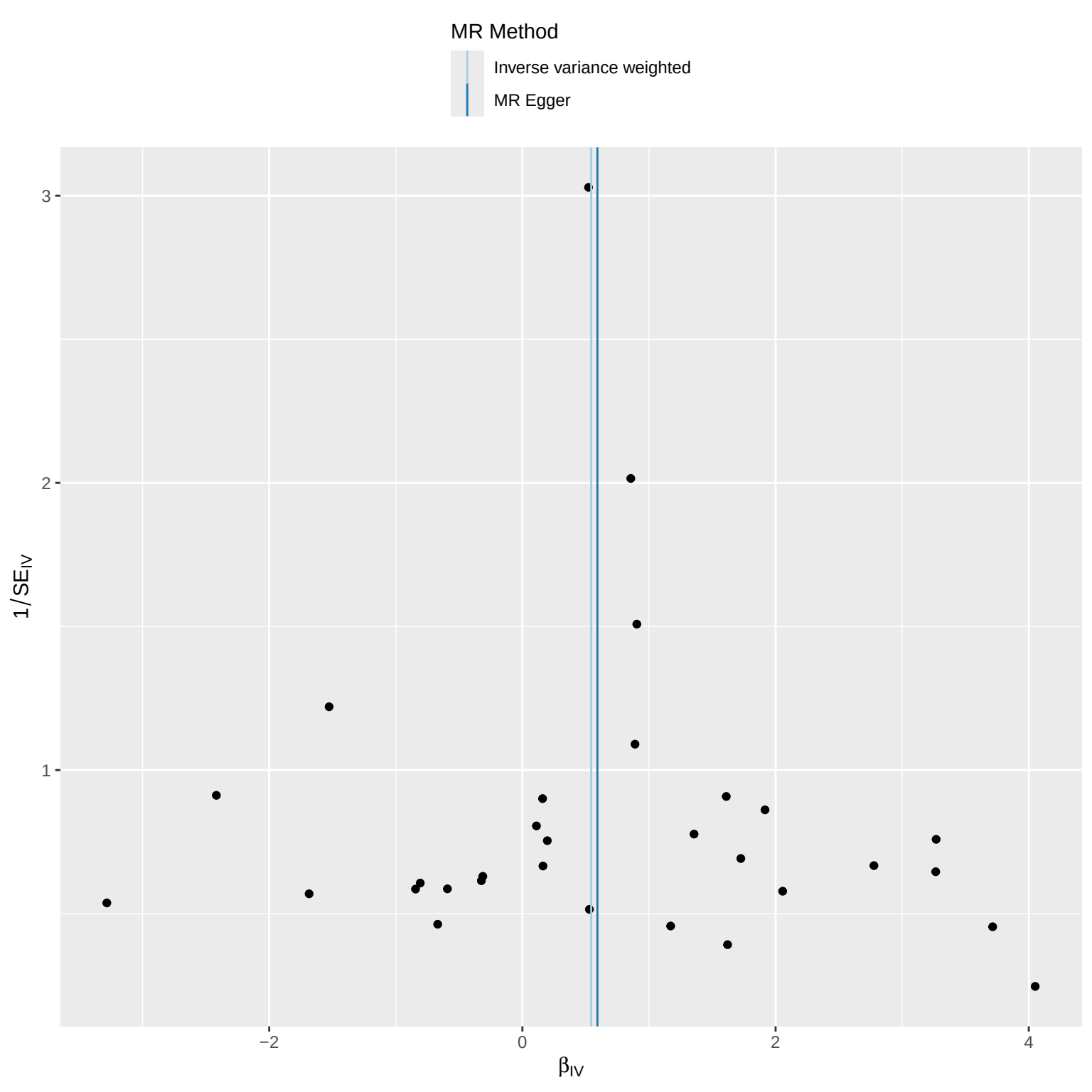

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

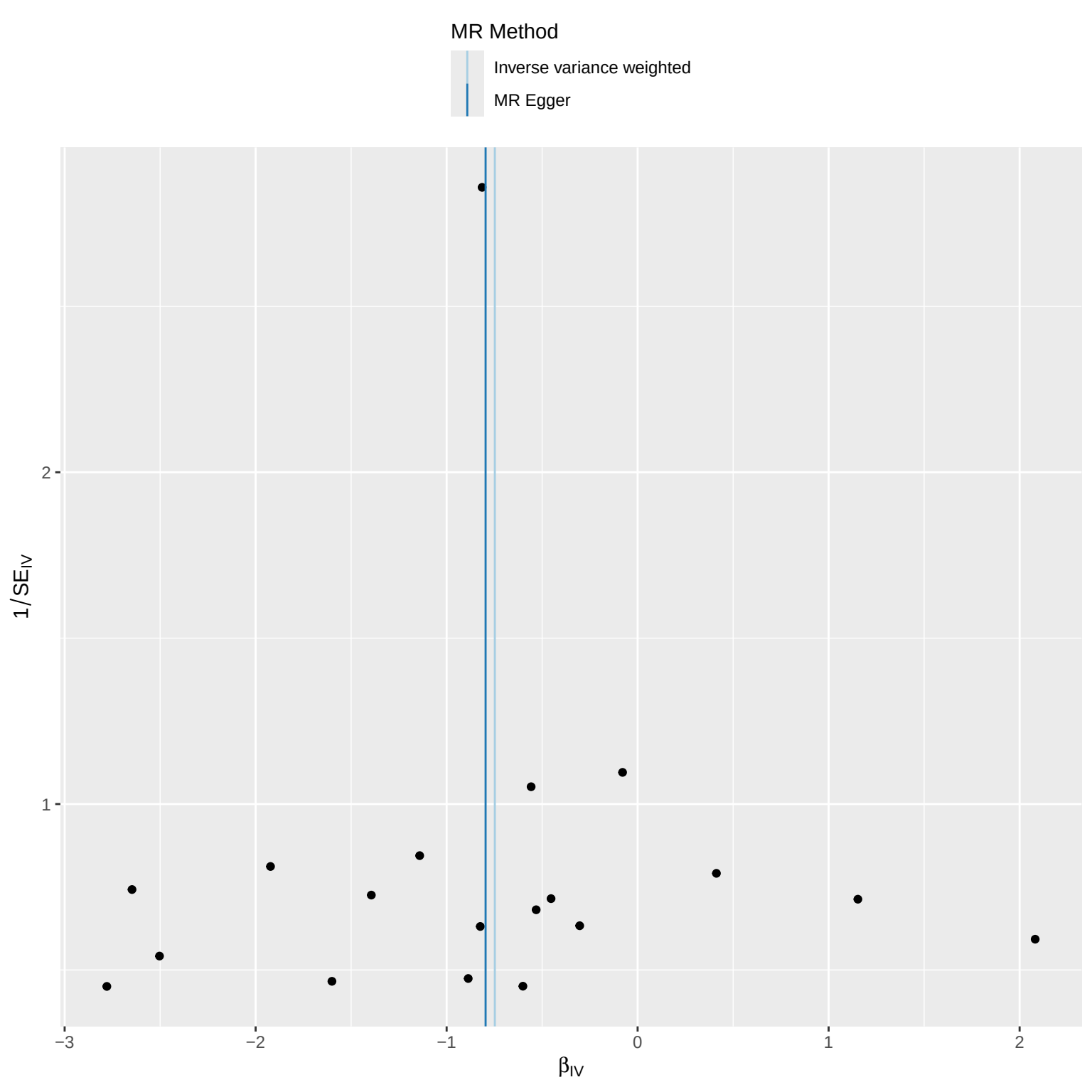

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

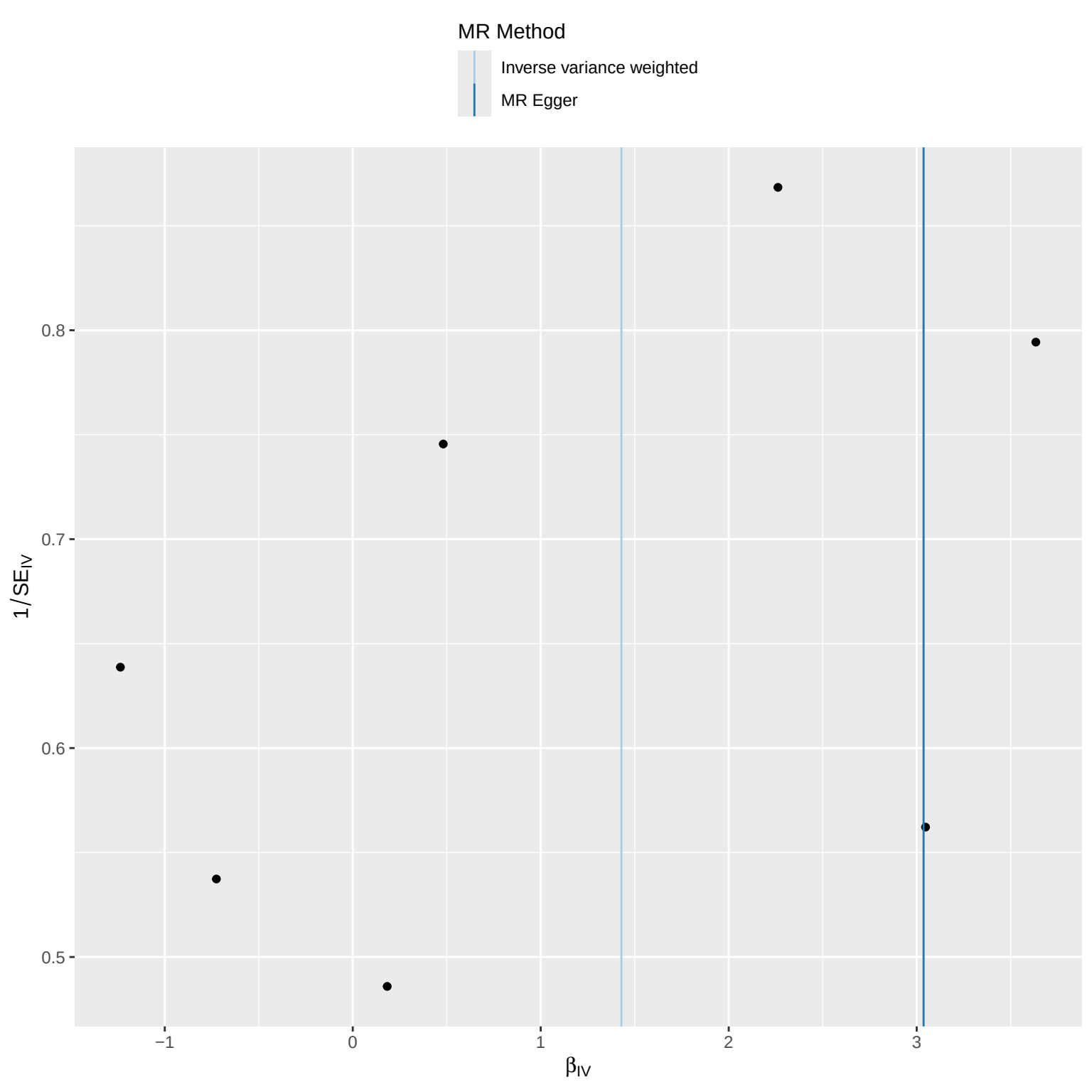

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
4
β_IV

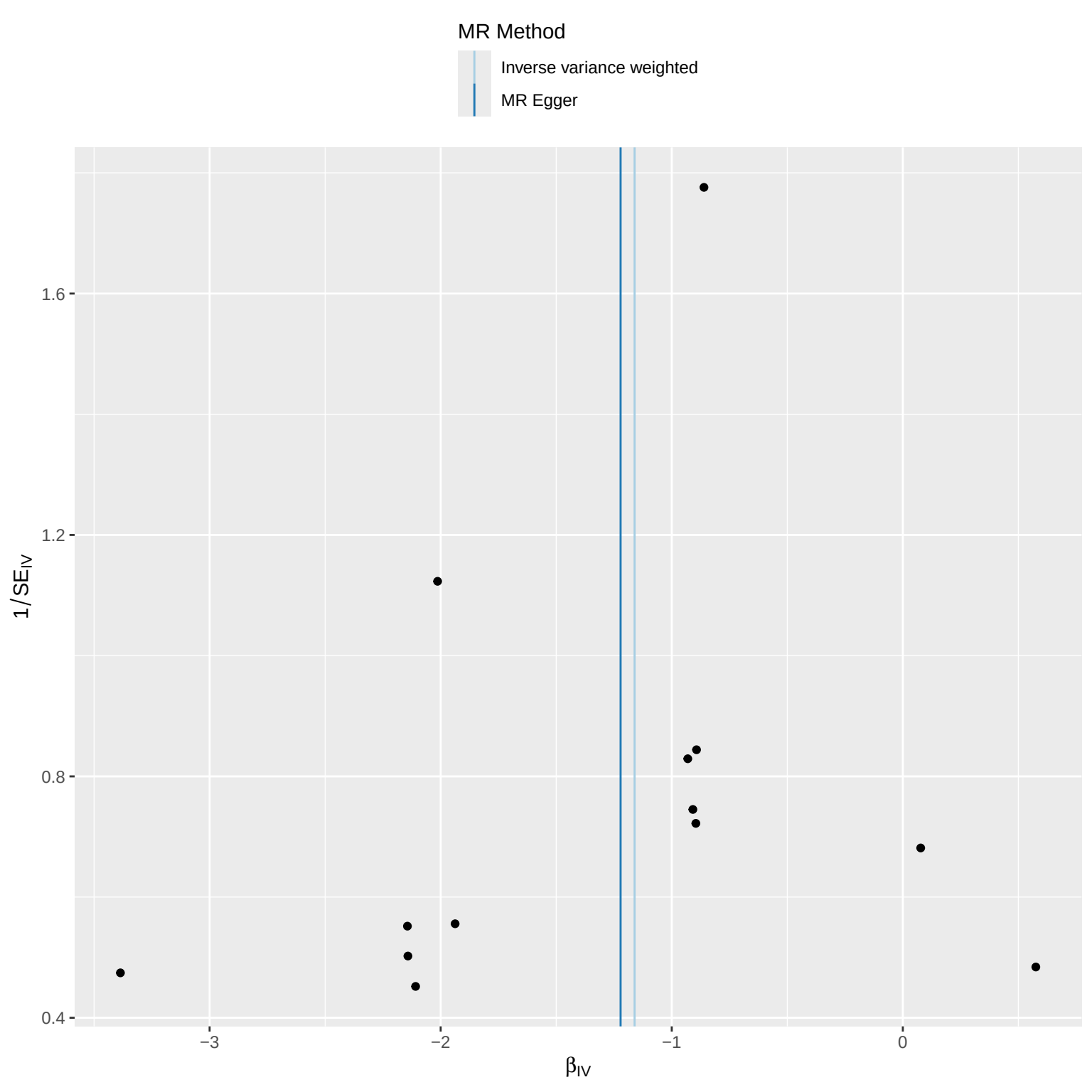

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

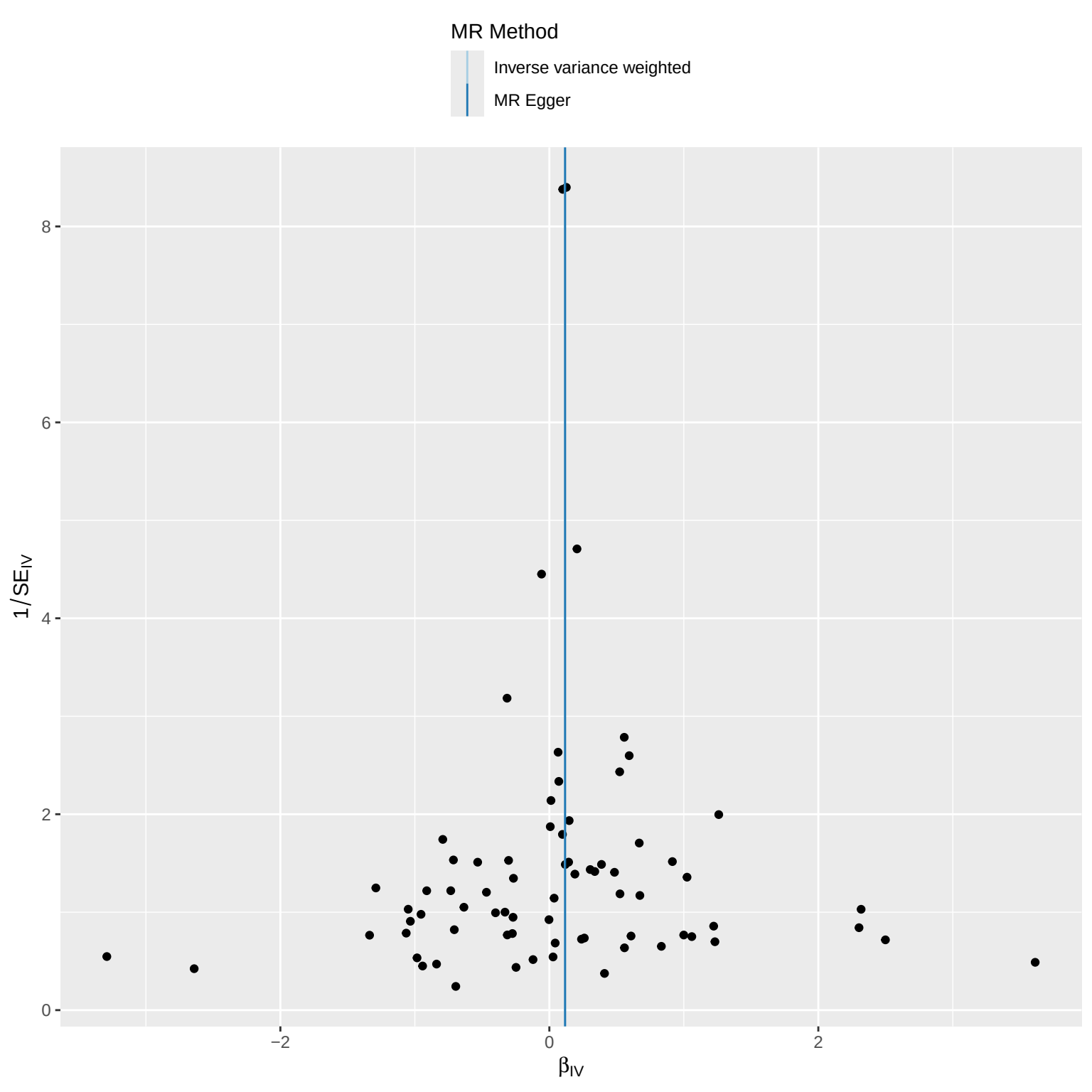

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
2
4
1/SE_IV
β_IV

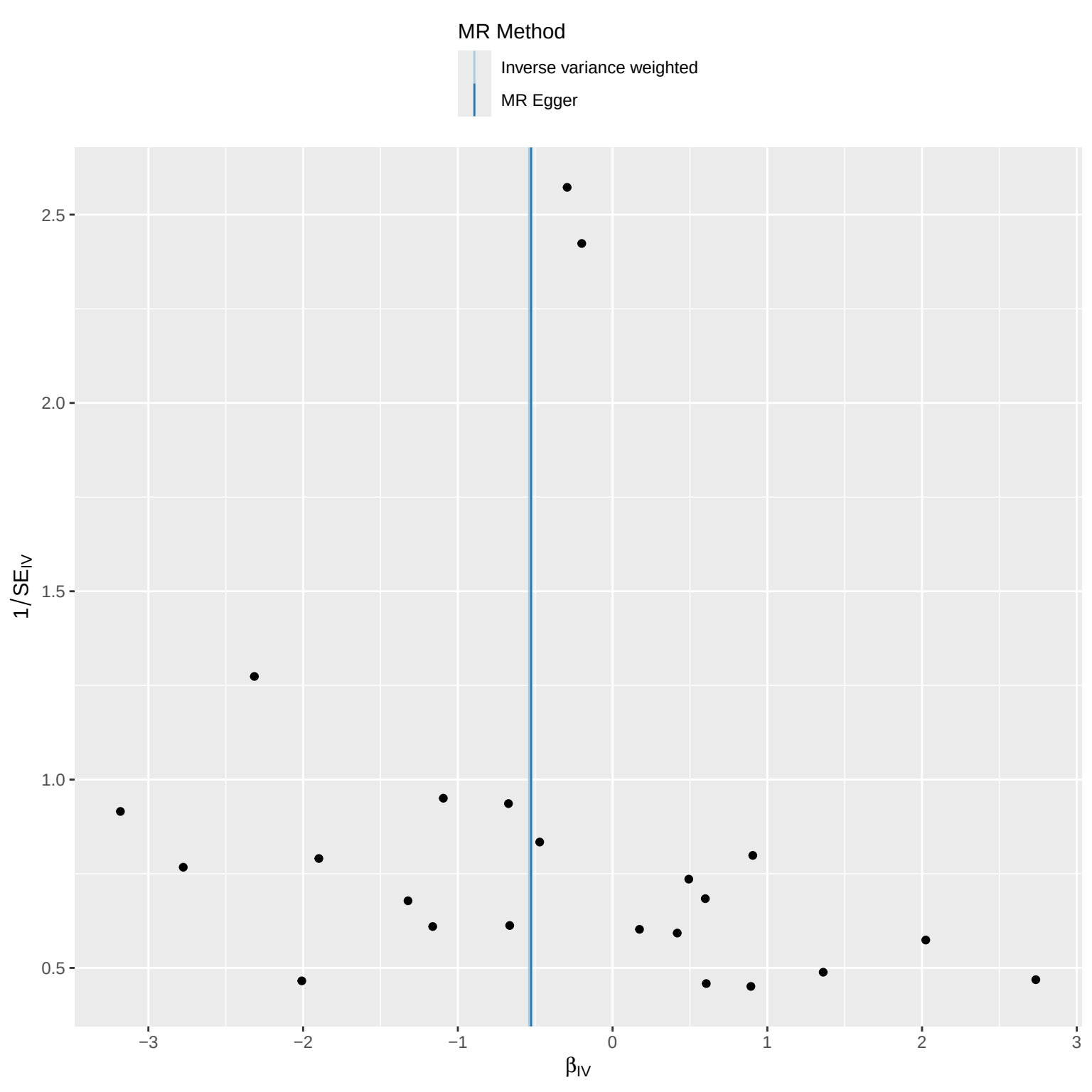

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
4
β_{IV}

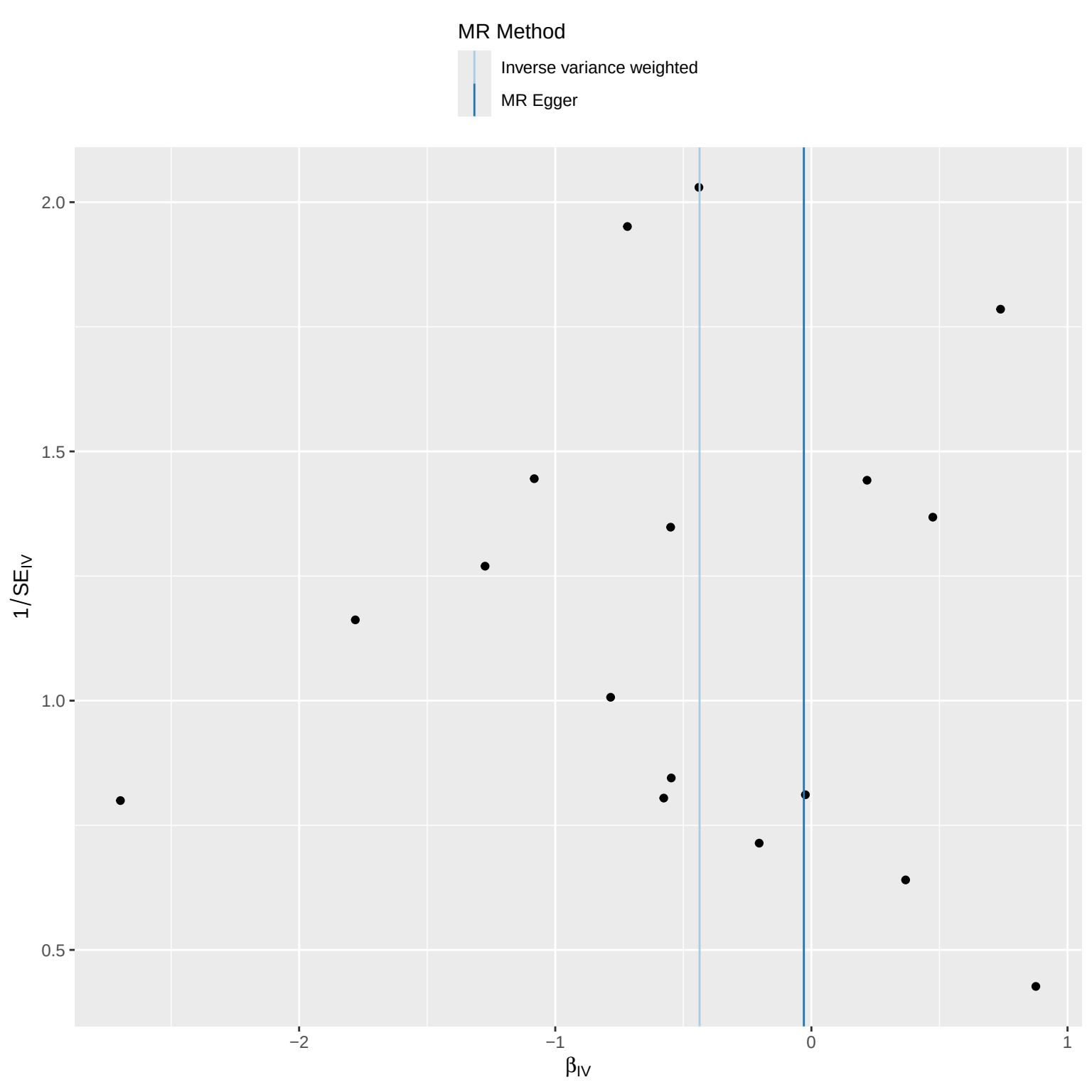

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

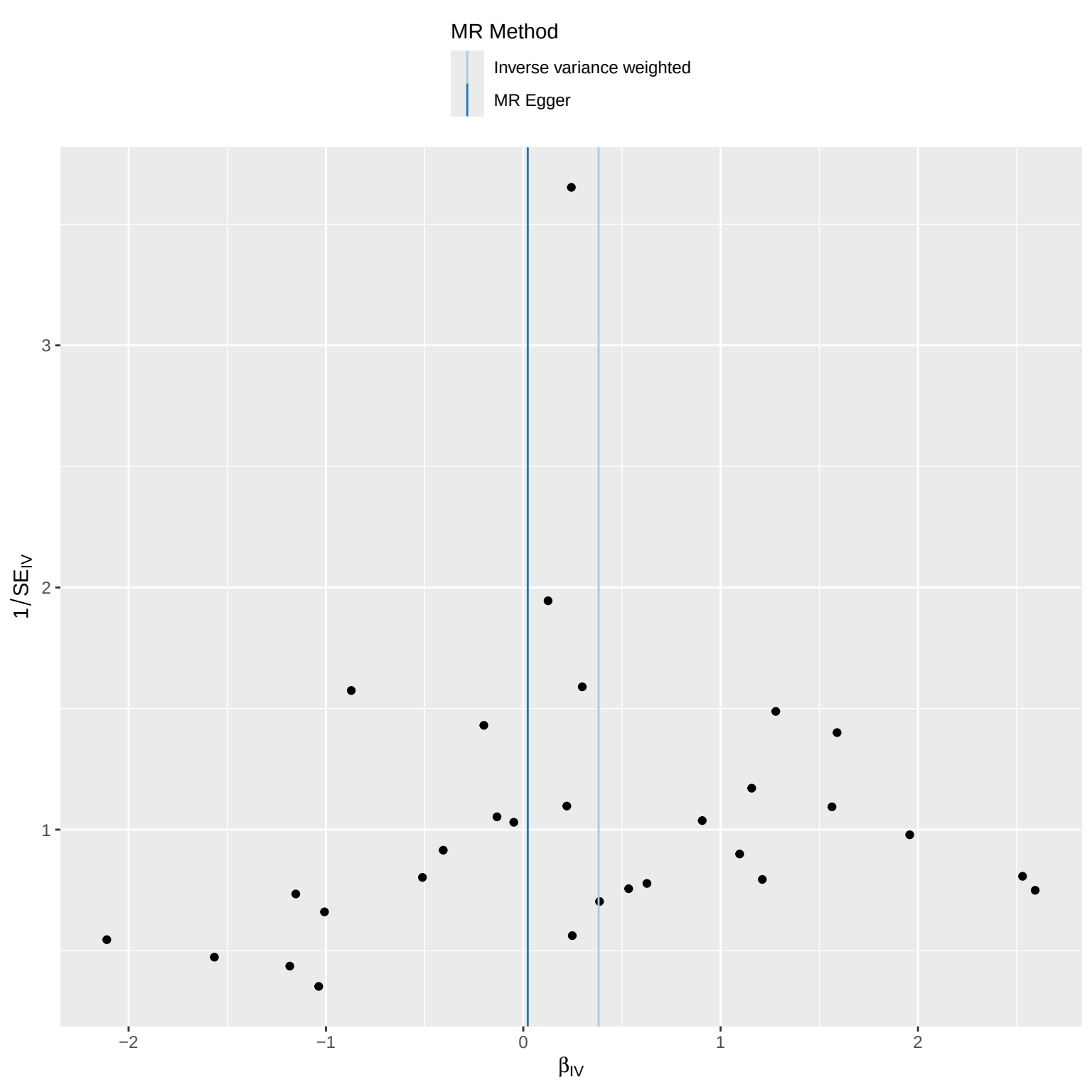

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
−1
0
1
2
3
β_IV

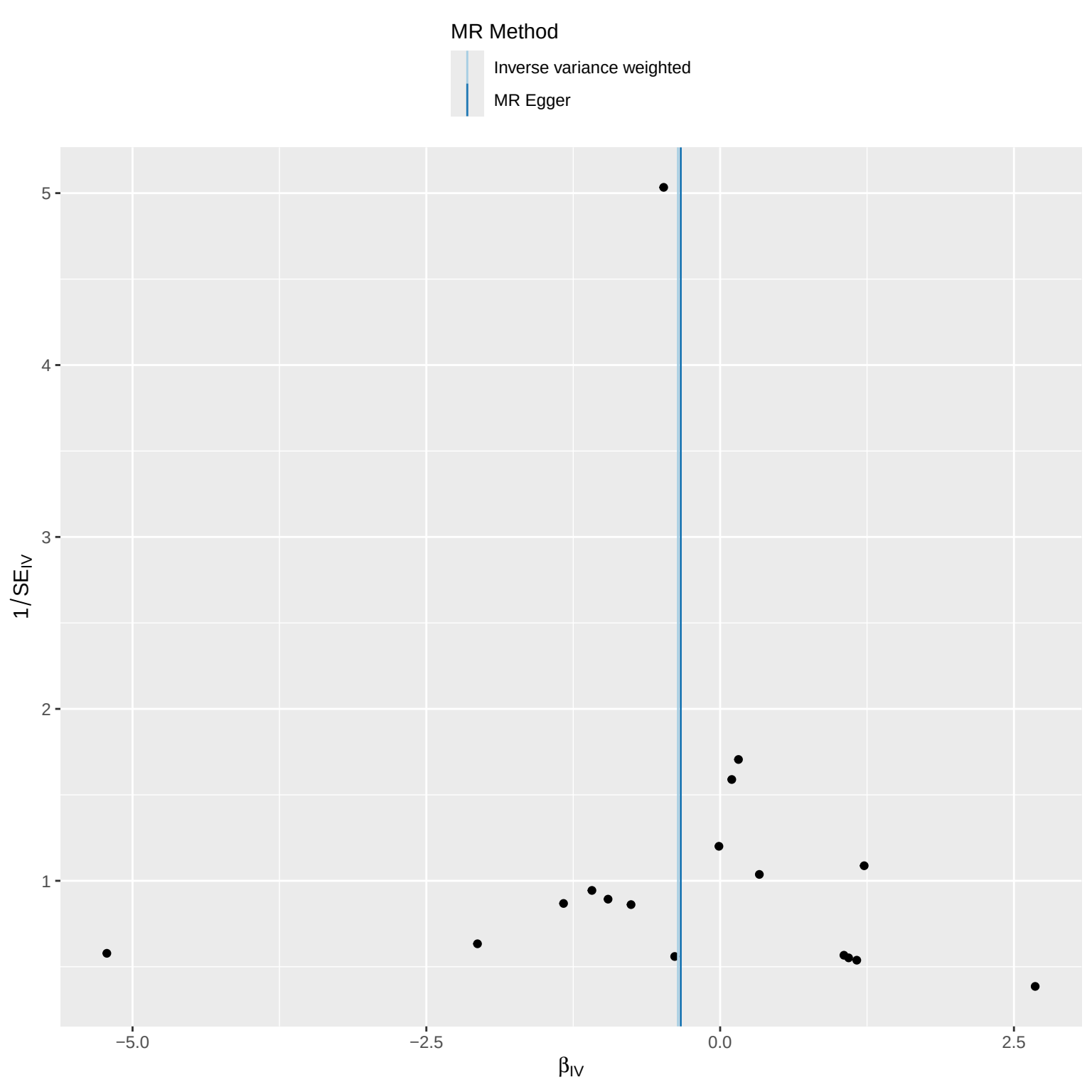

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
β_IV

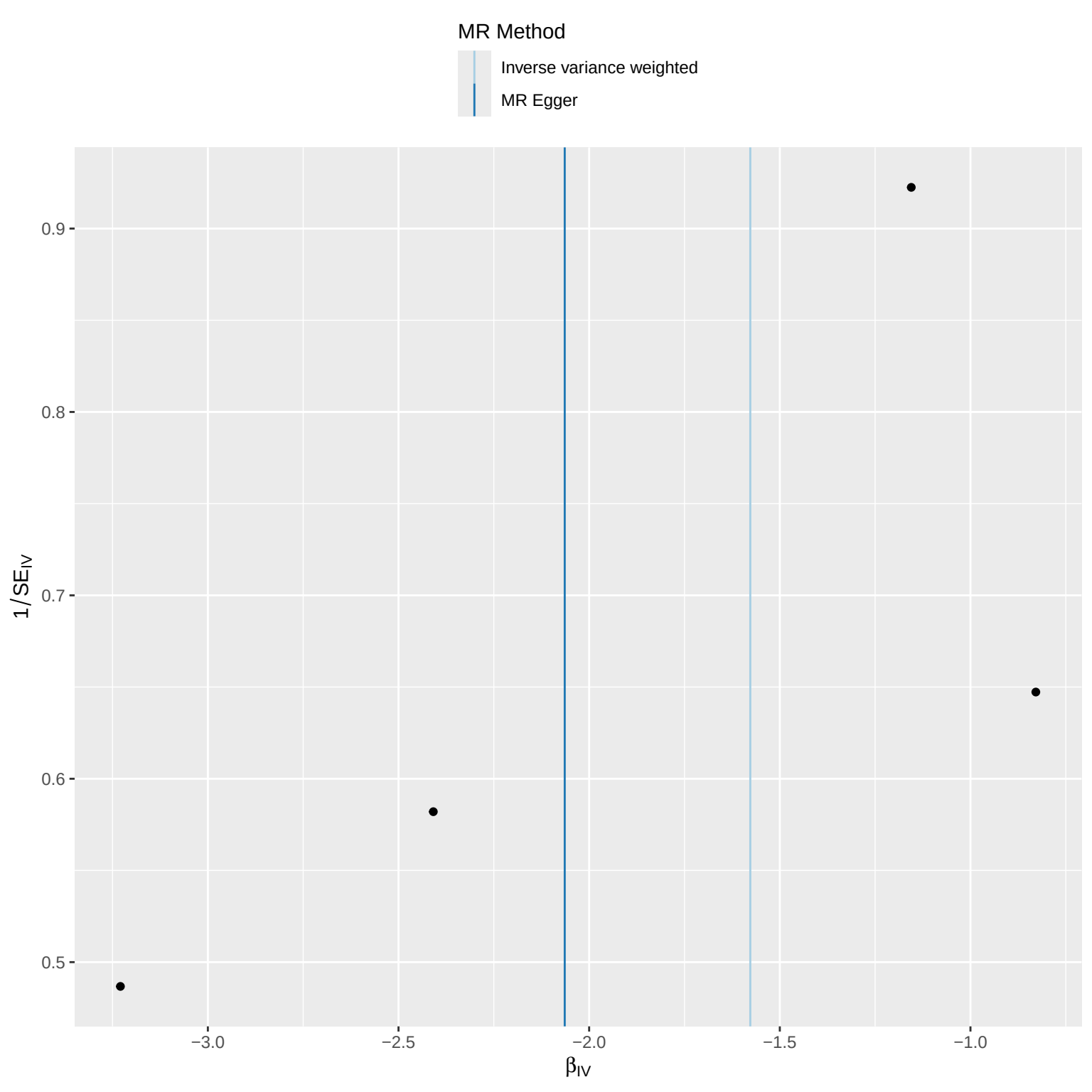

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−2
0
2
β_IV

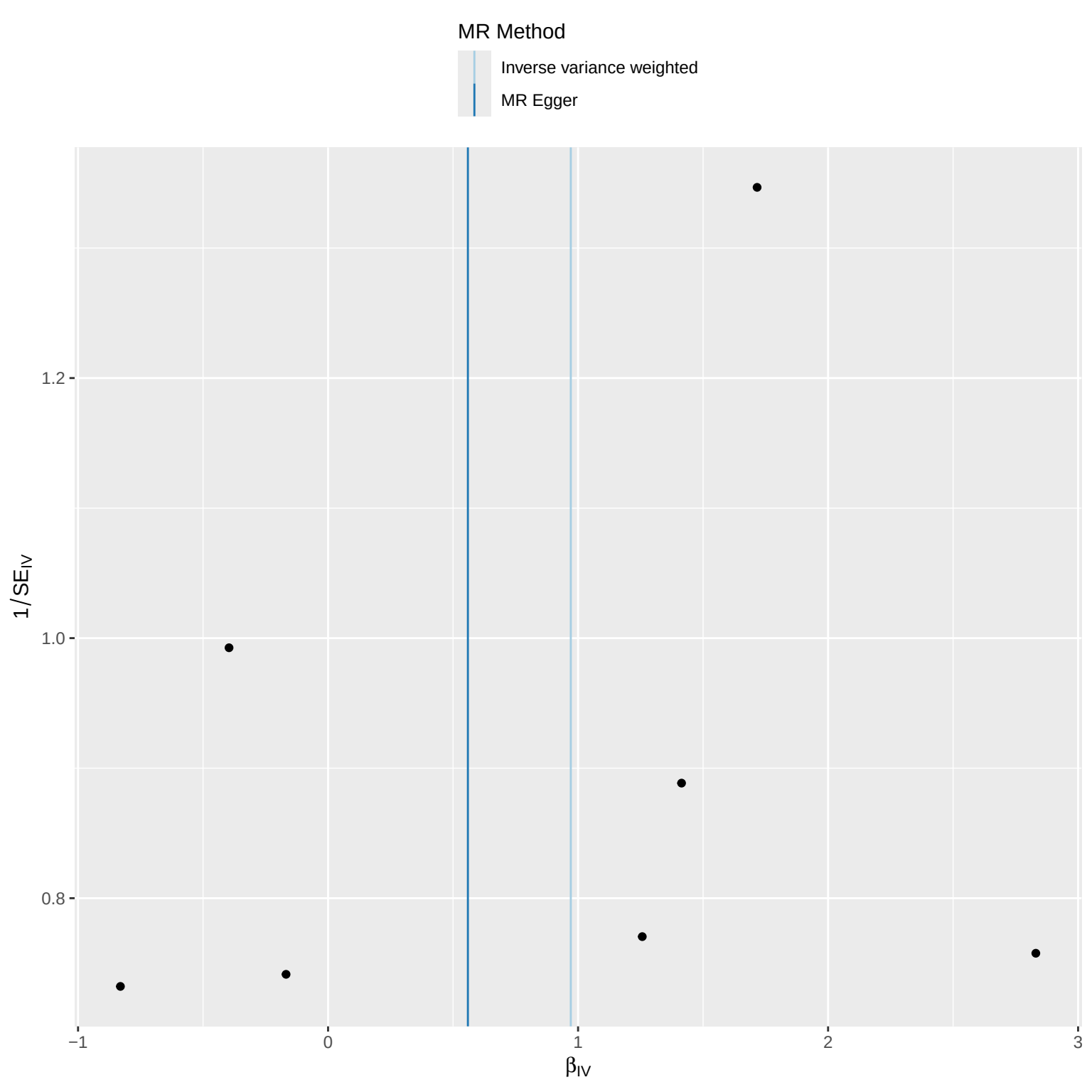

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

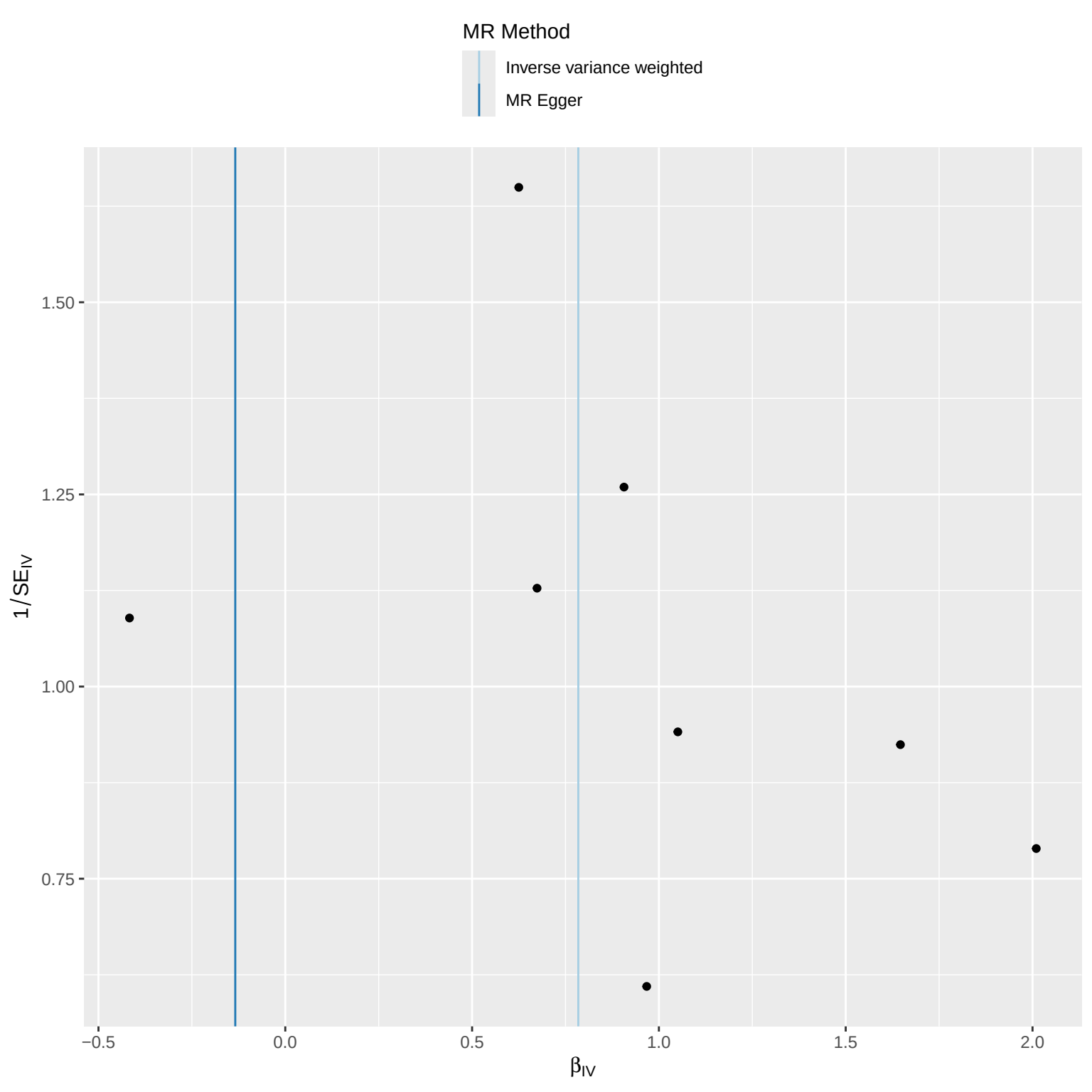

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

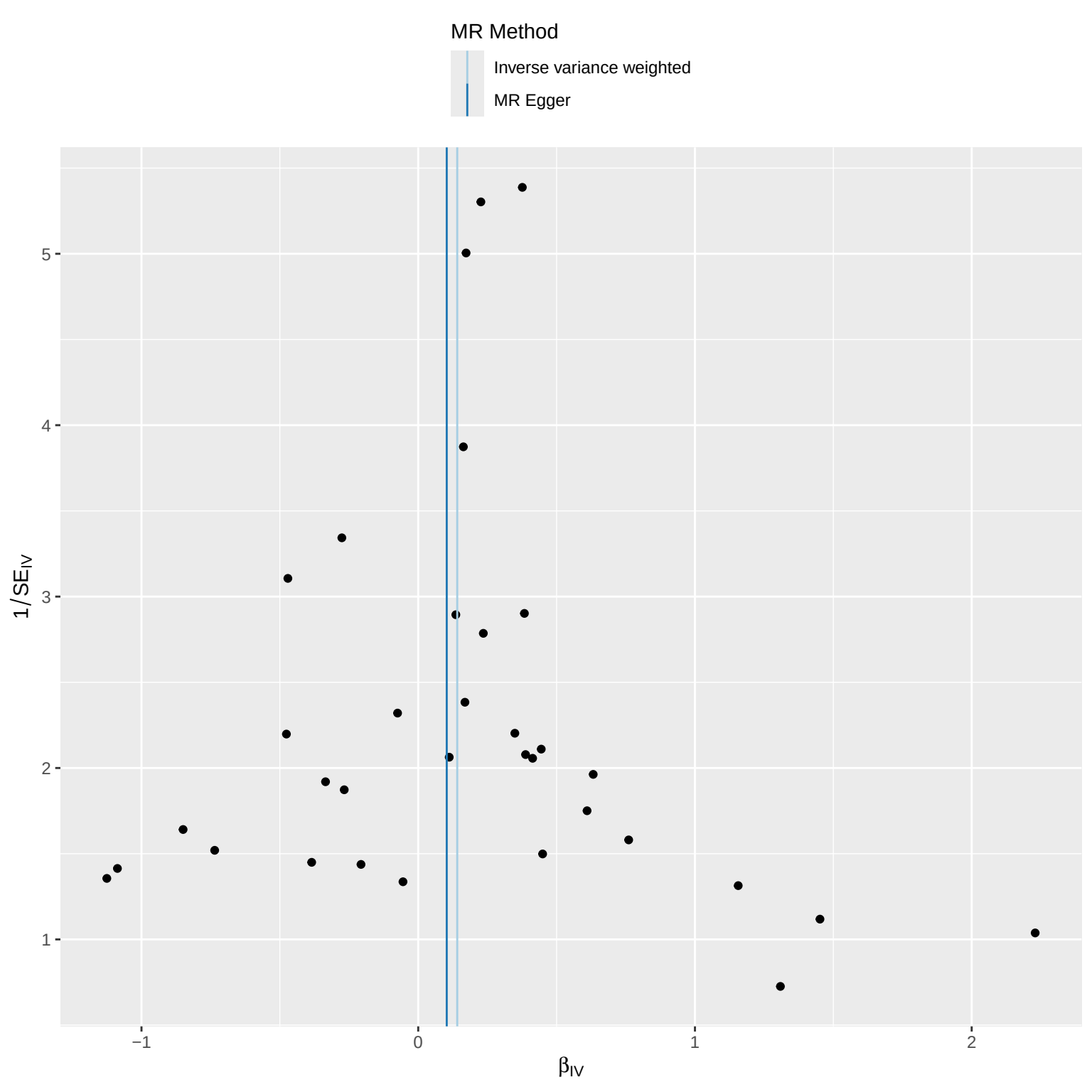

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

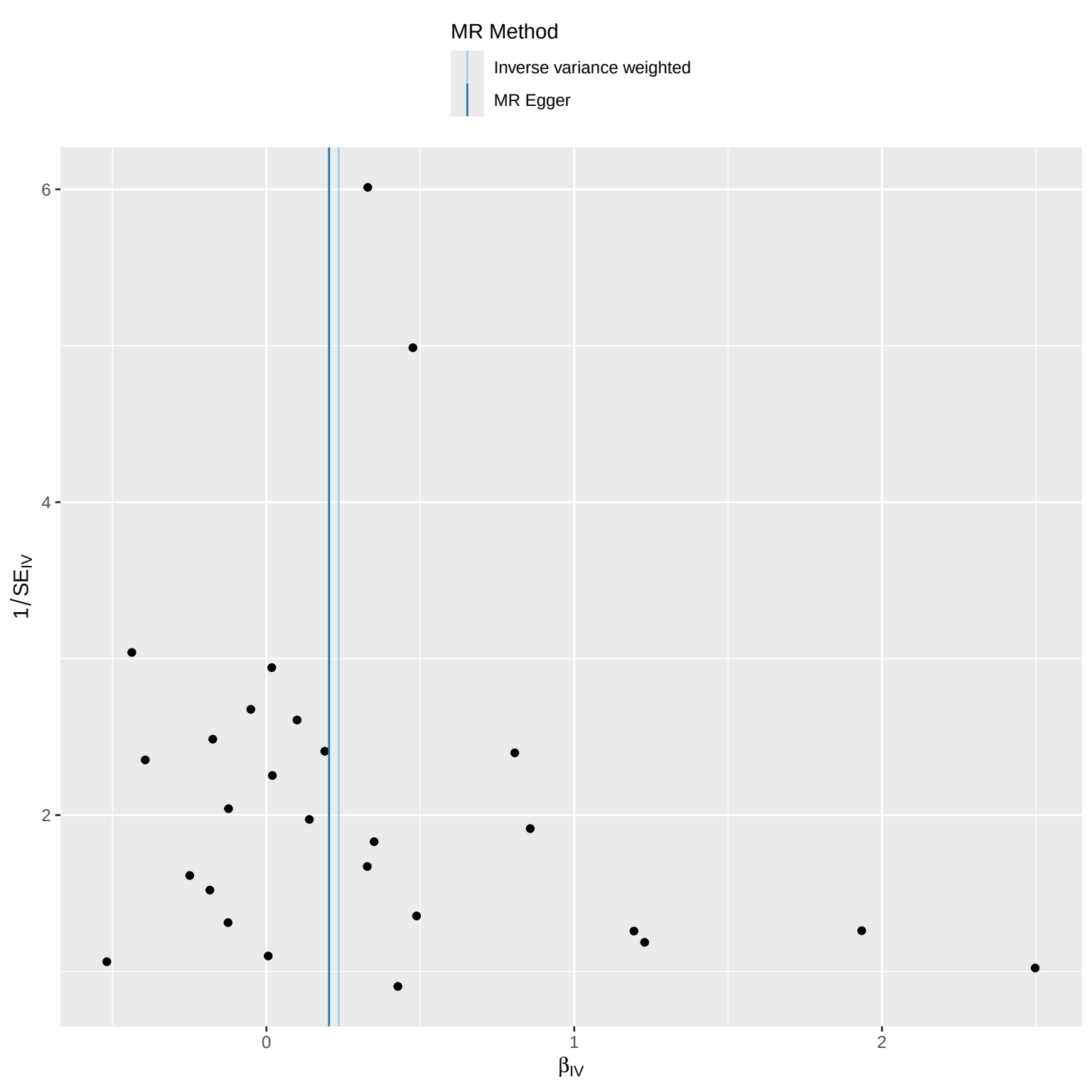

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

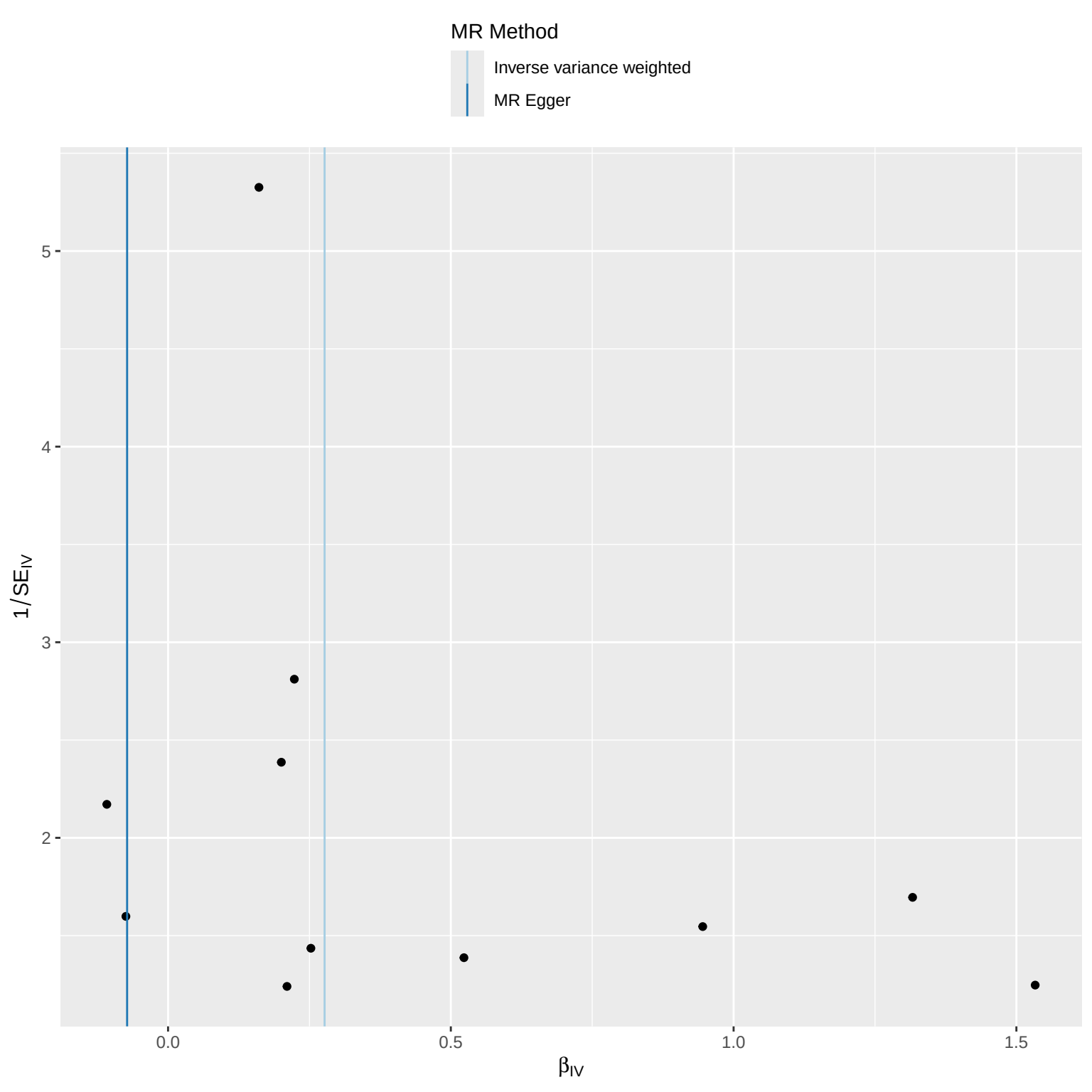

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−3.0
−2.5
−2.0
−1.5
−1.0
β_IV

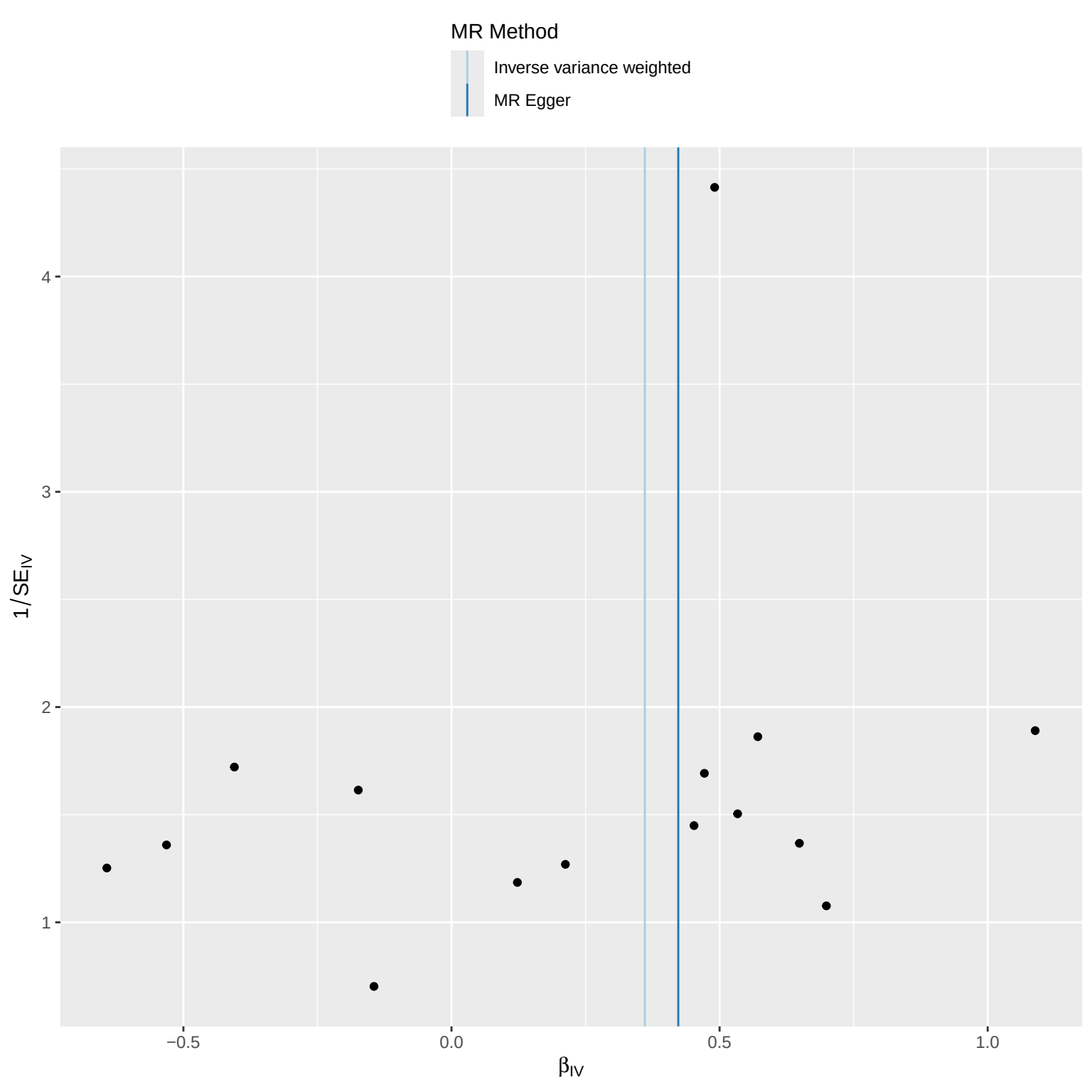

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
1/SE_IV
−1
0
1
2
3
β_IV

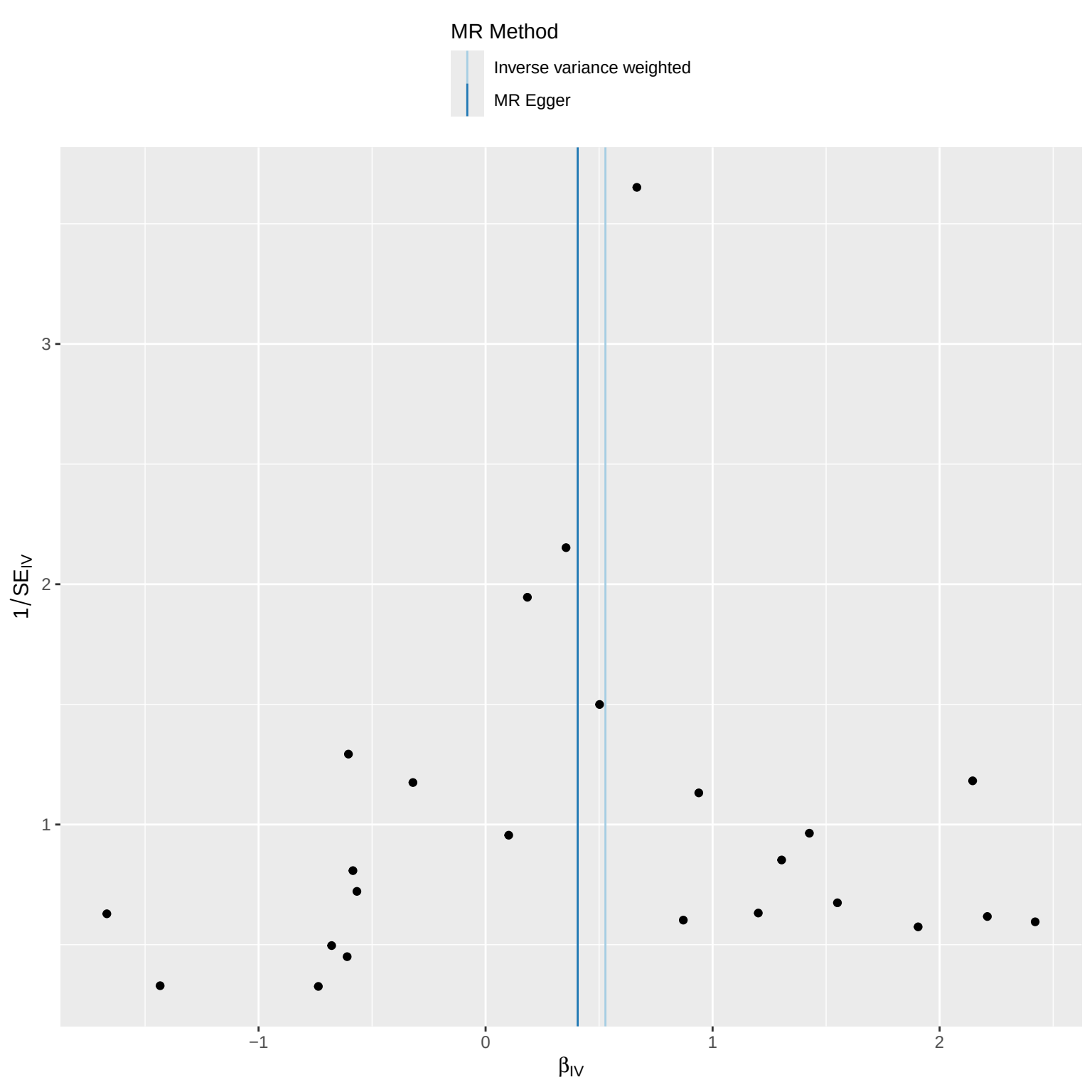

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

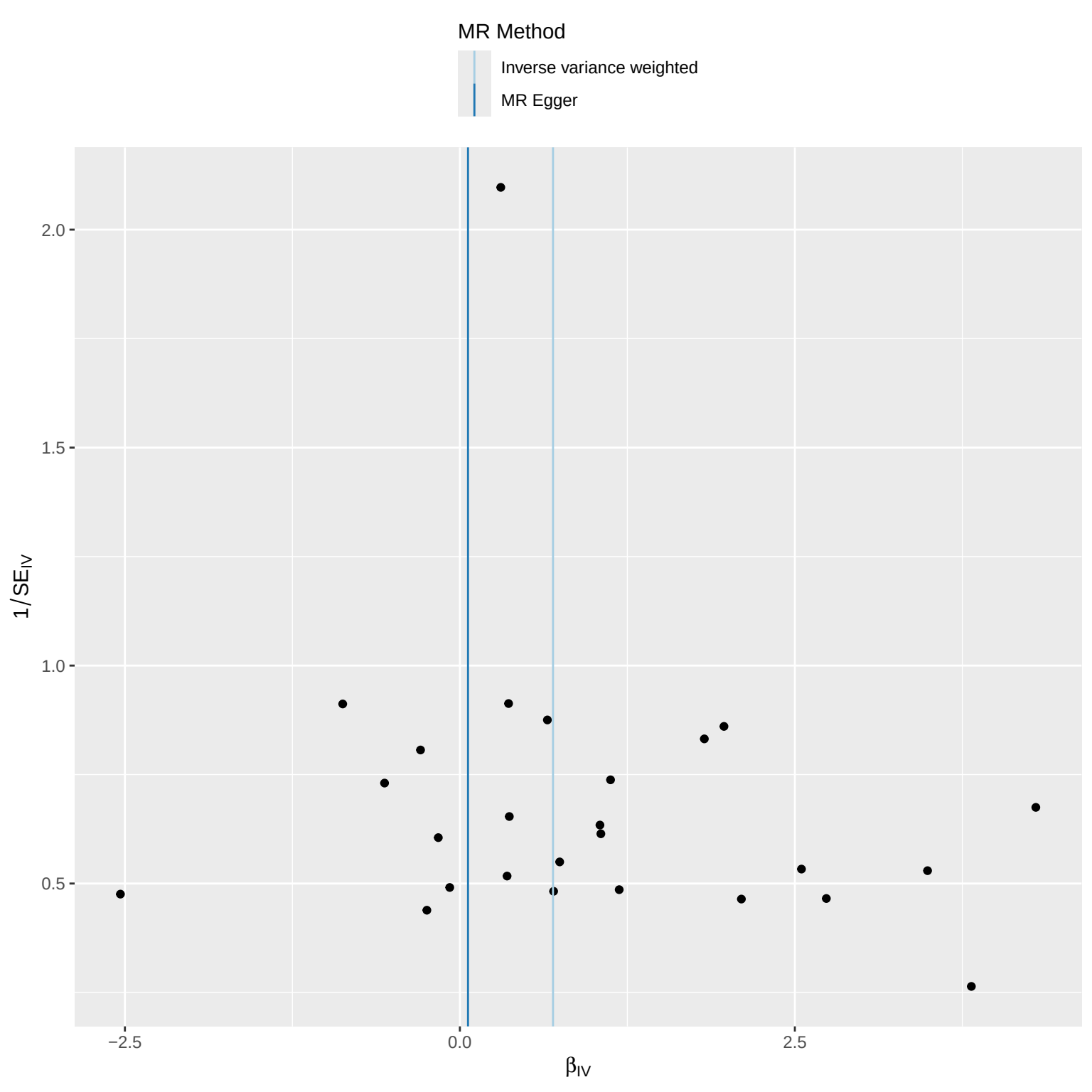

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

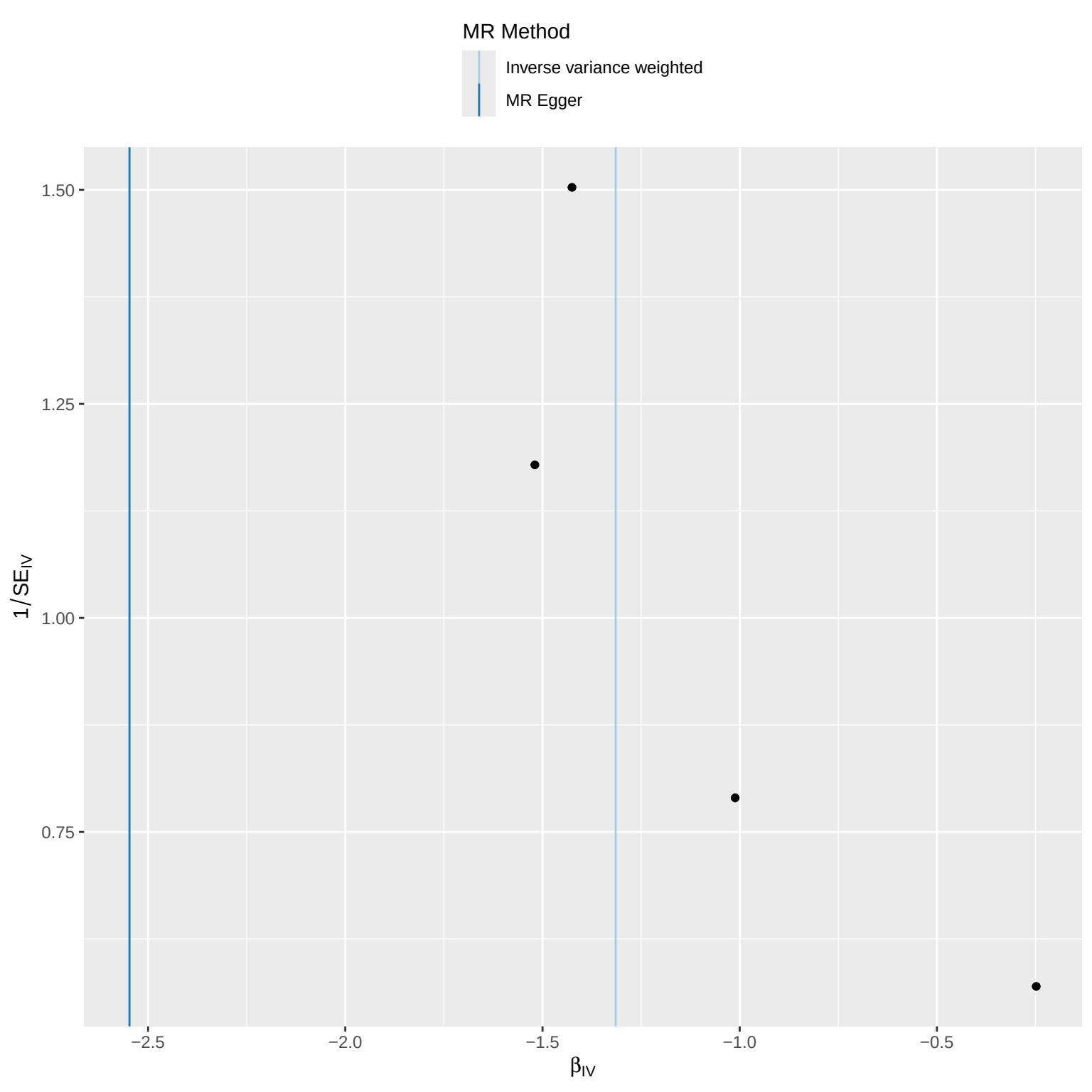

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1
2
1/SE_IV
β_IV

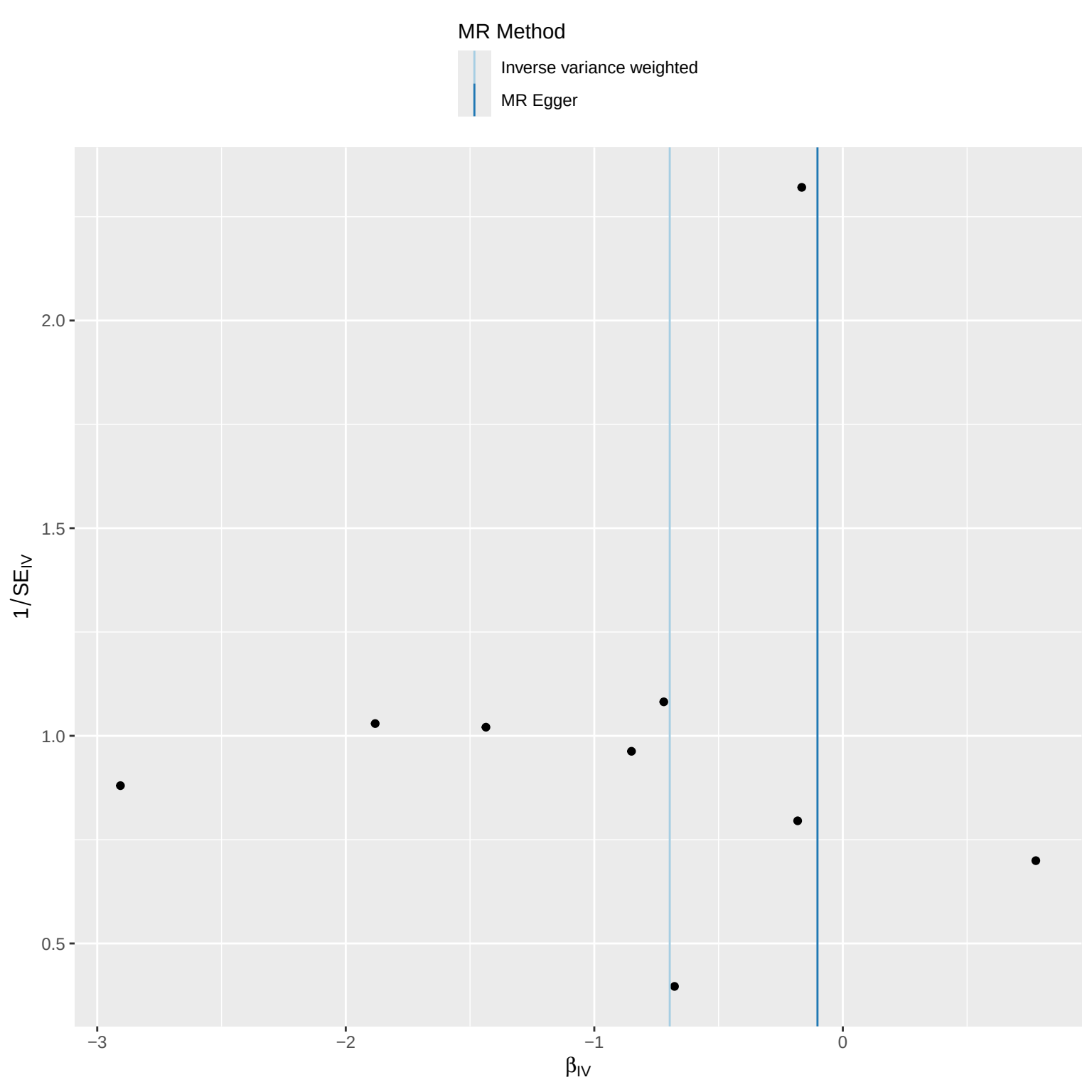

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

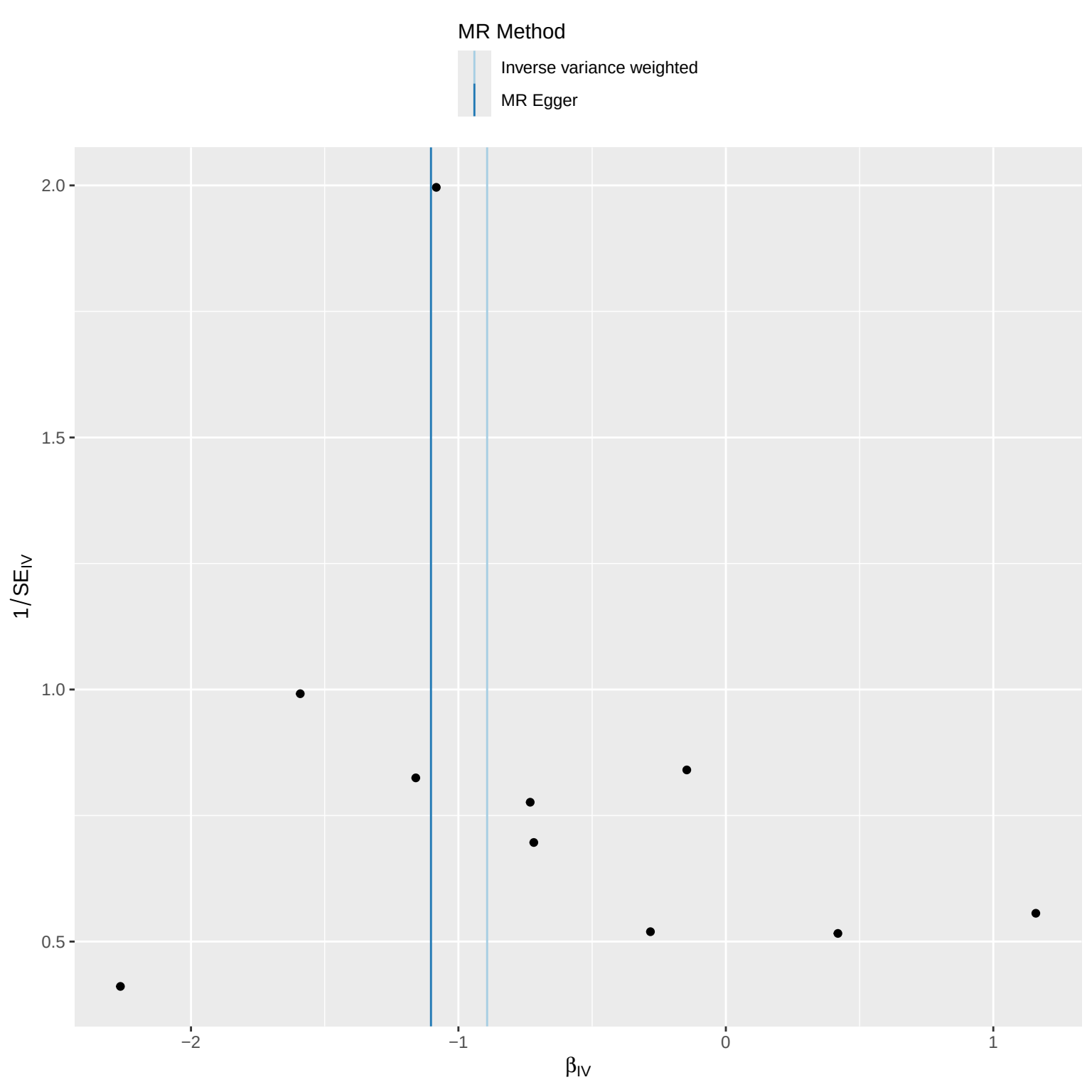

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

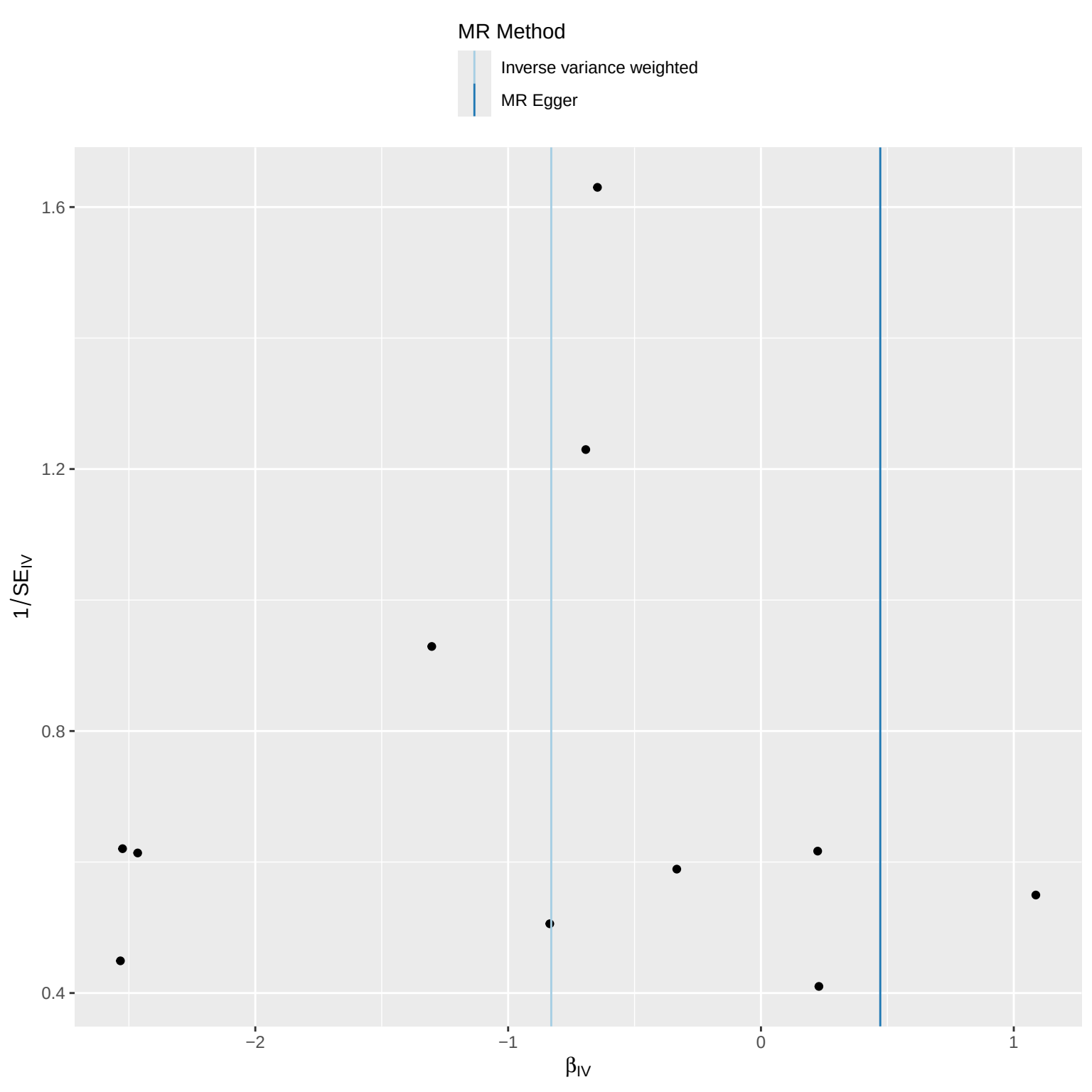

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

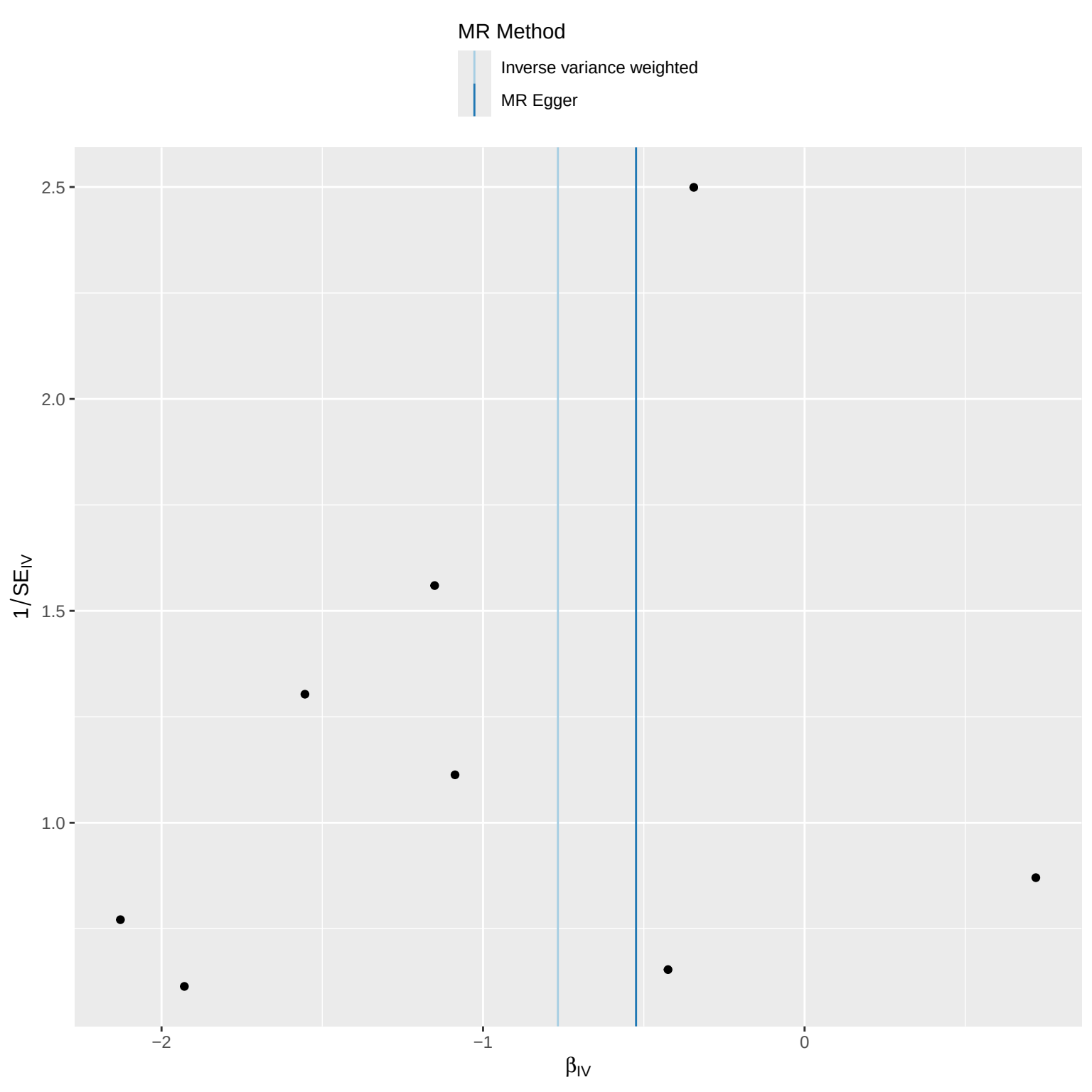

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

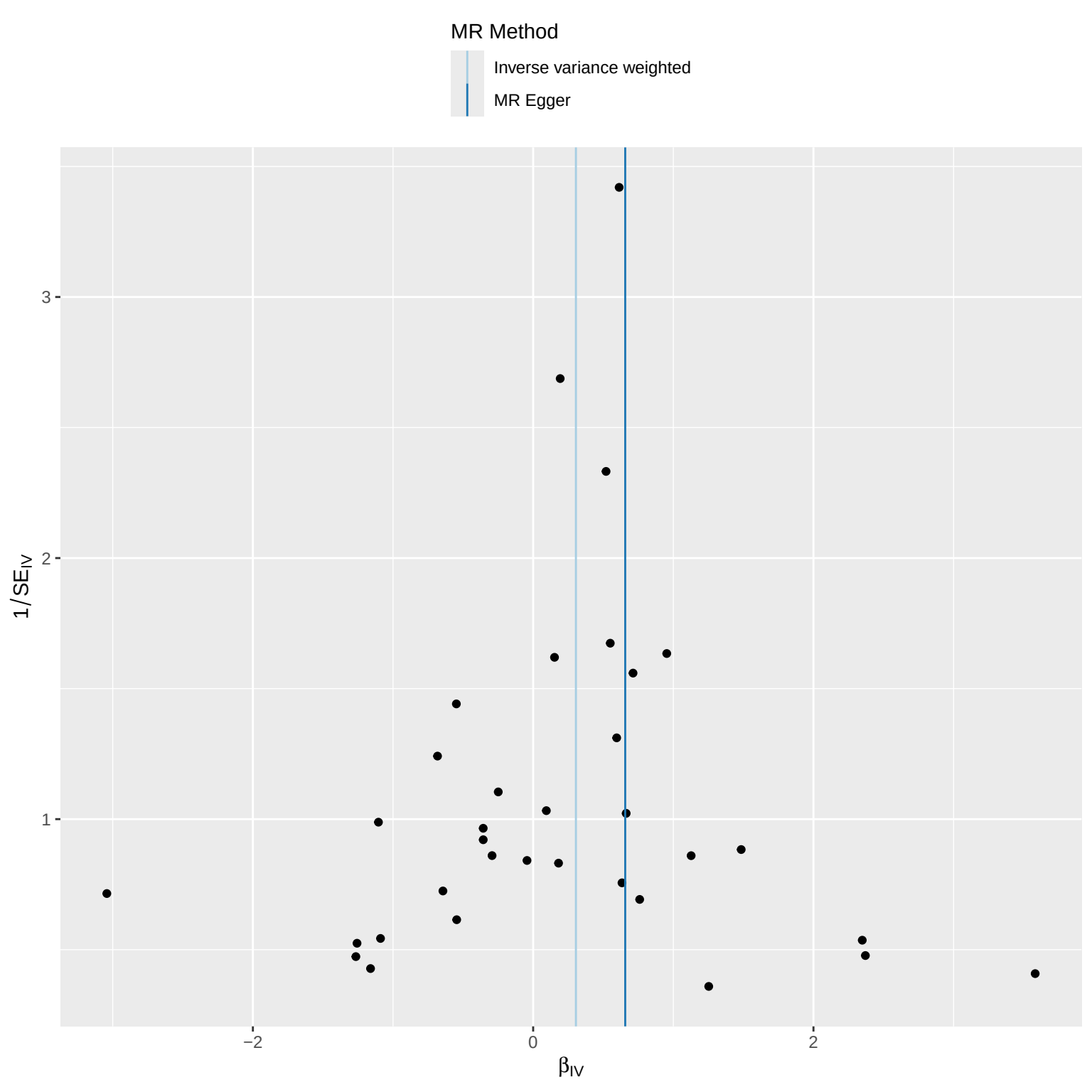

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

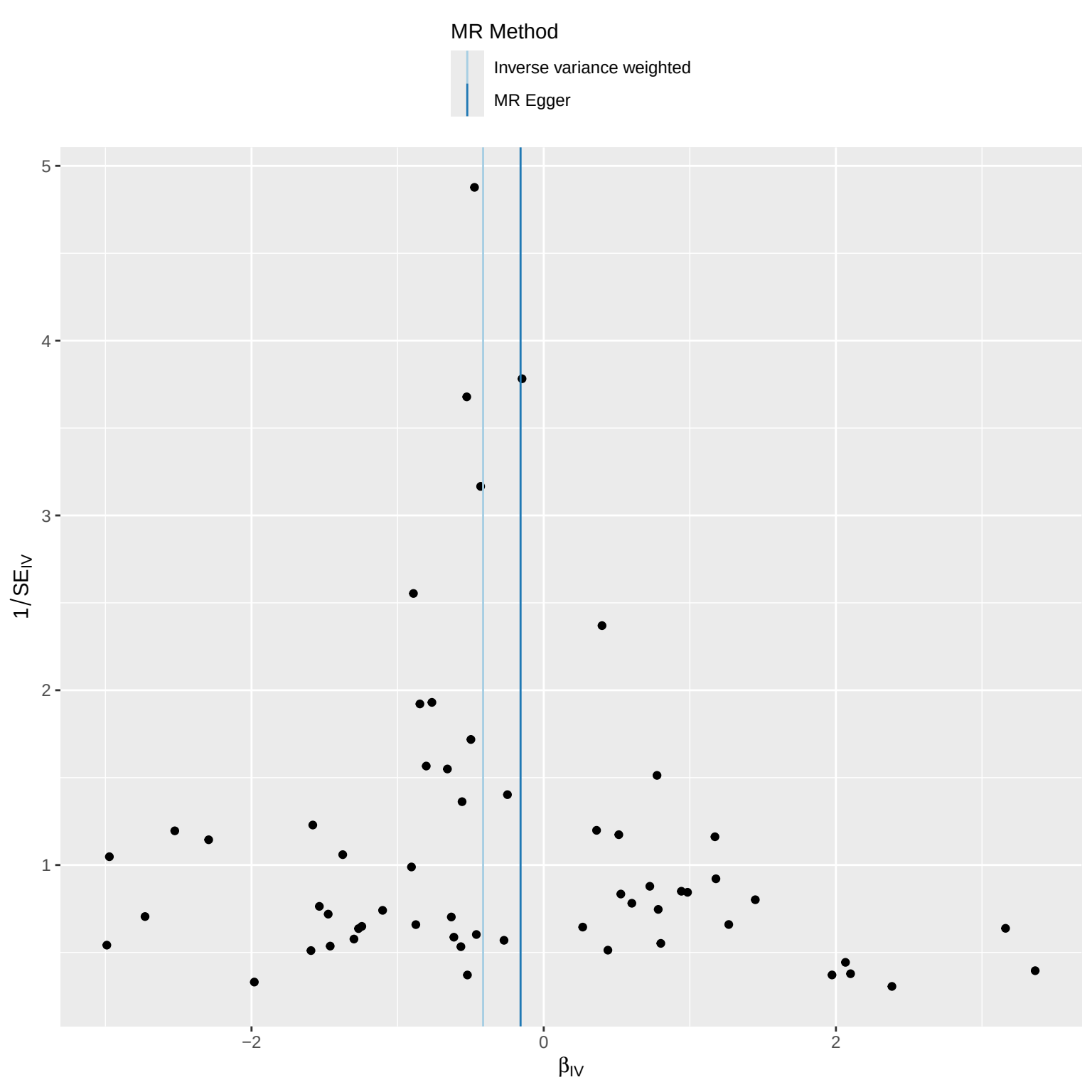

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

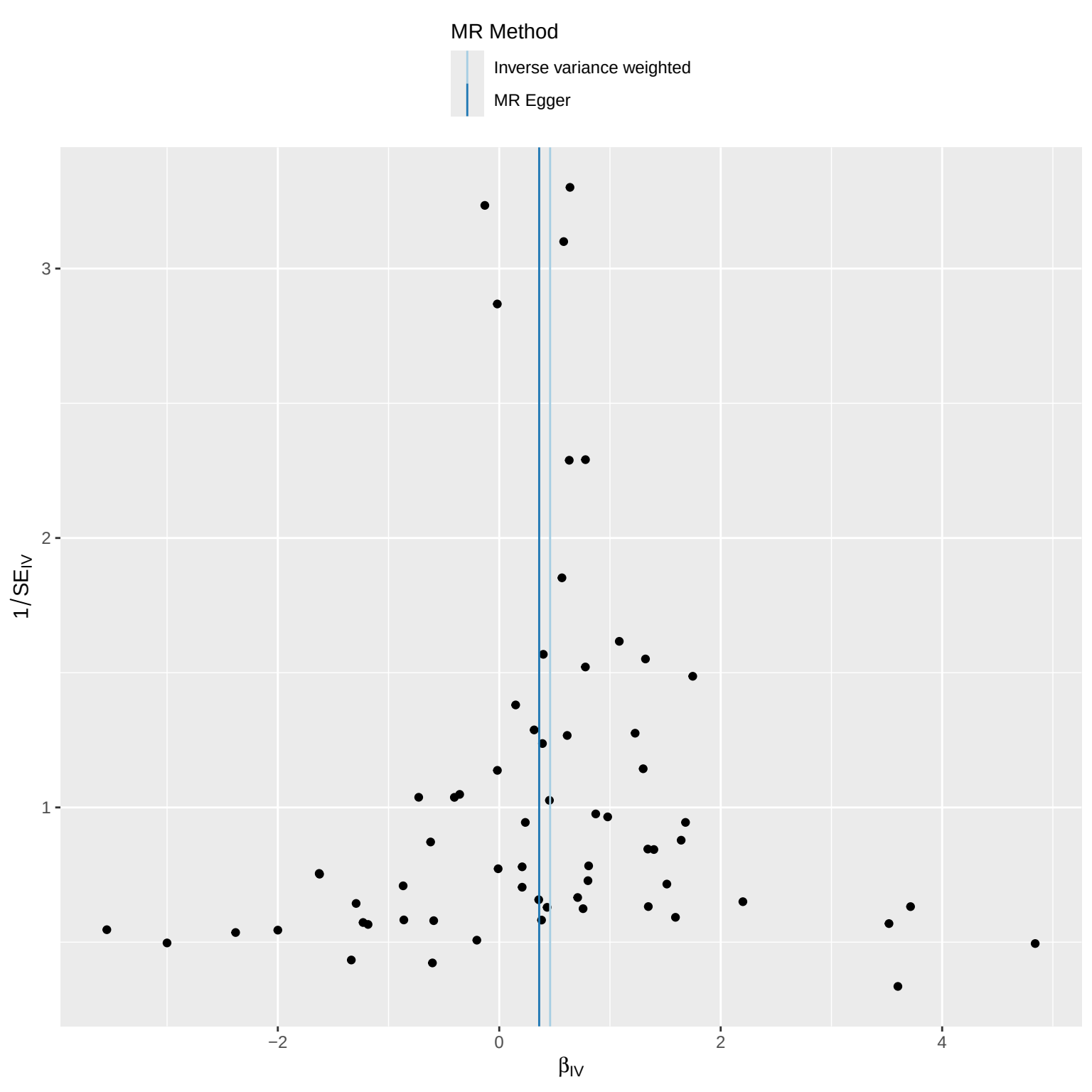

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

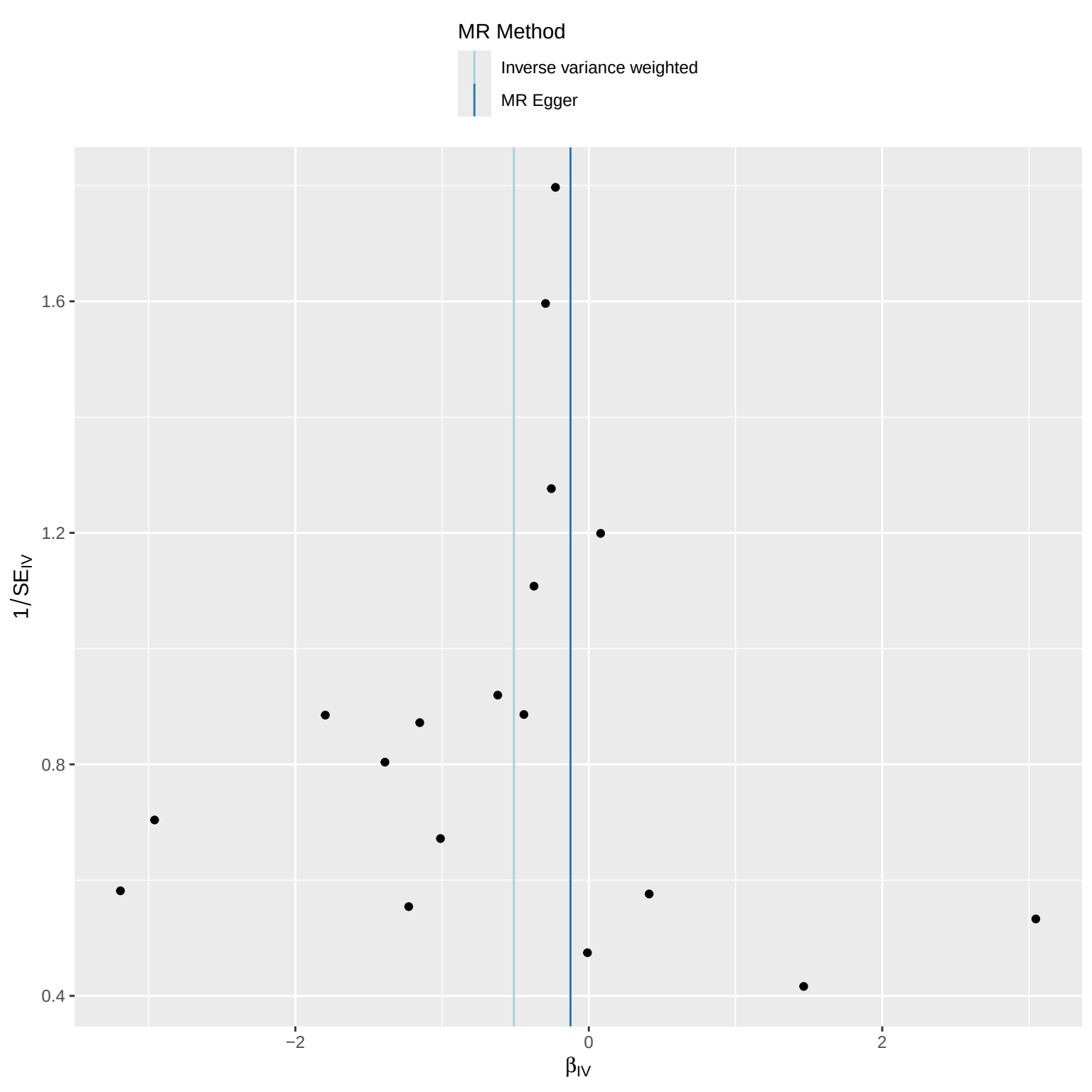

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

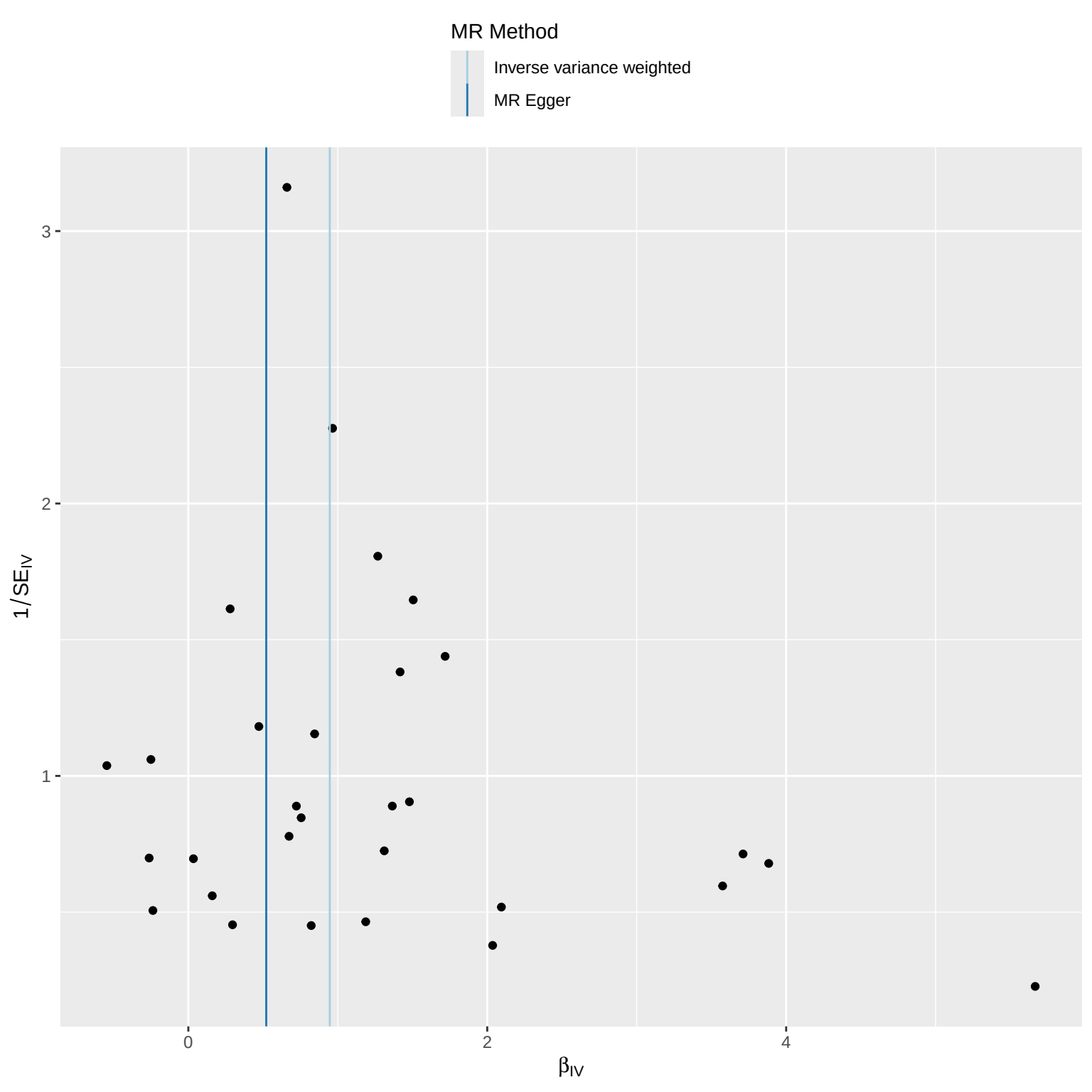

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

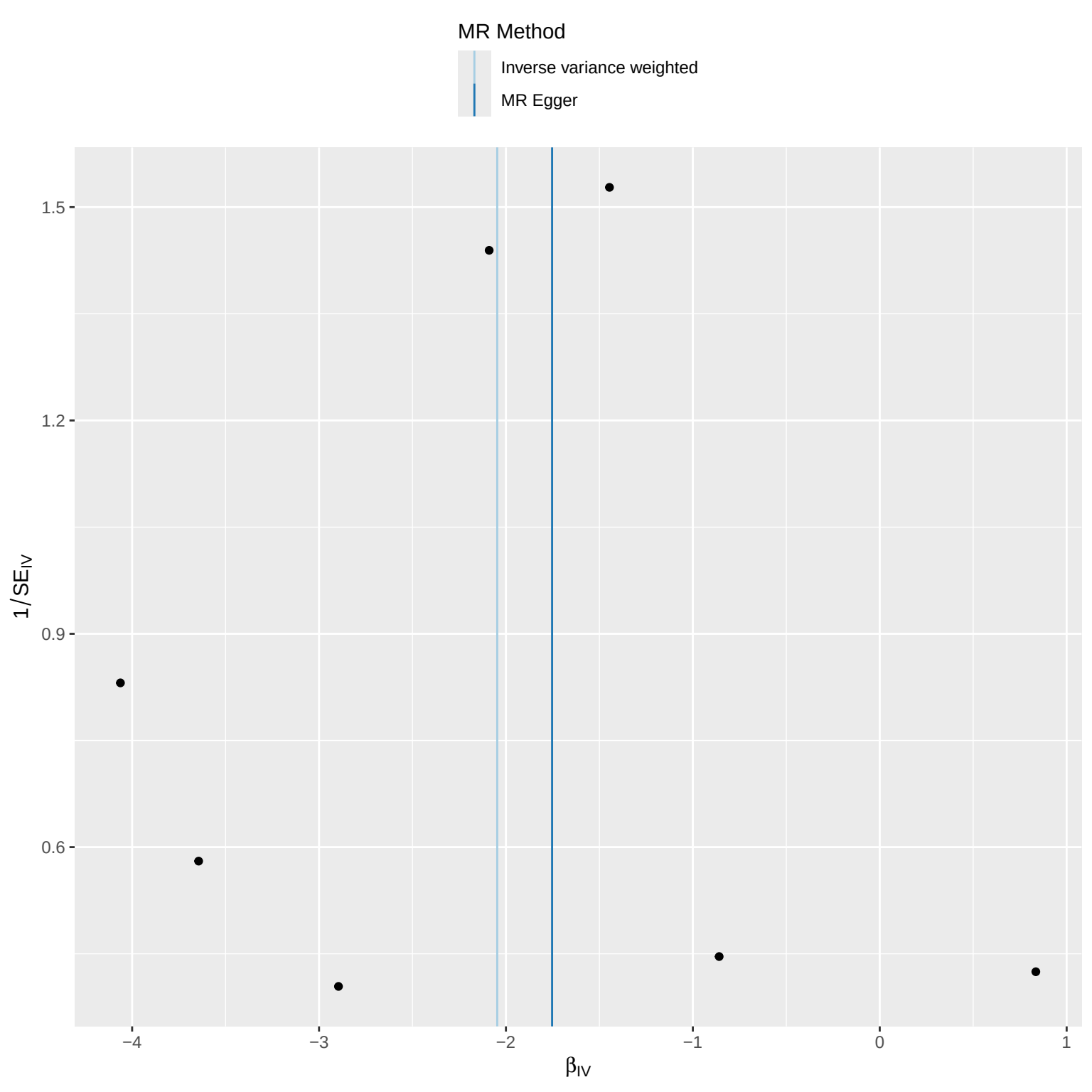

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

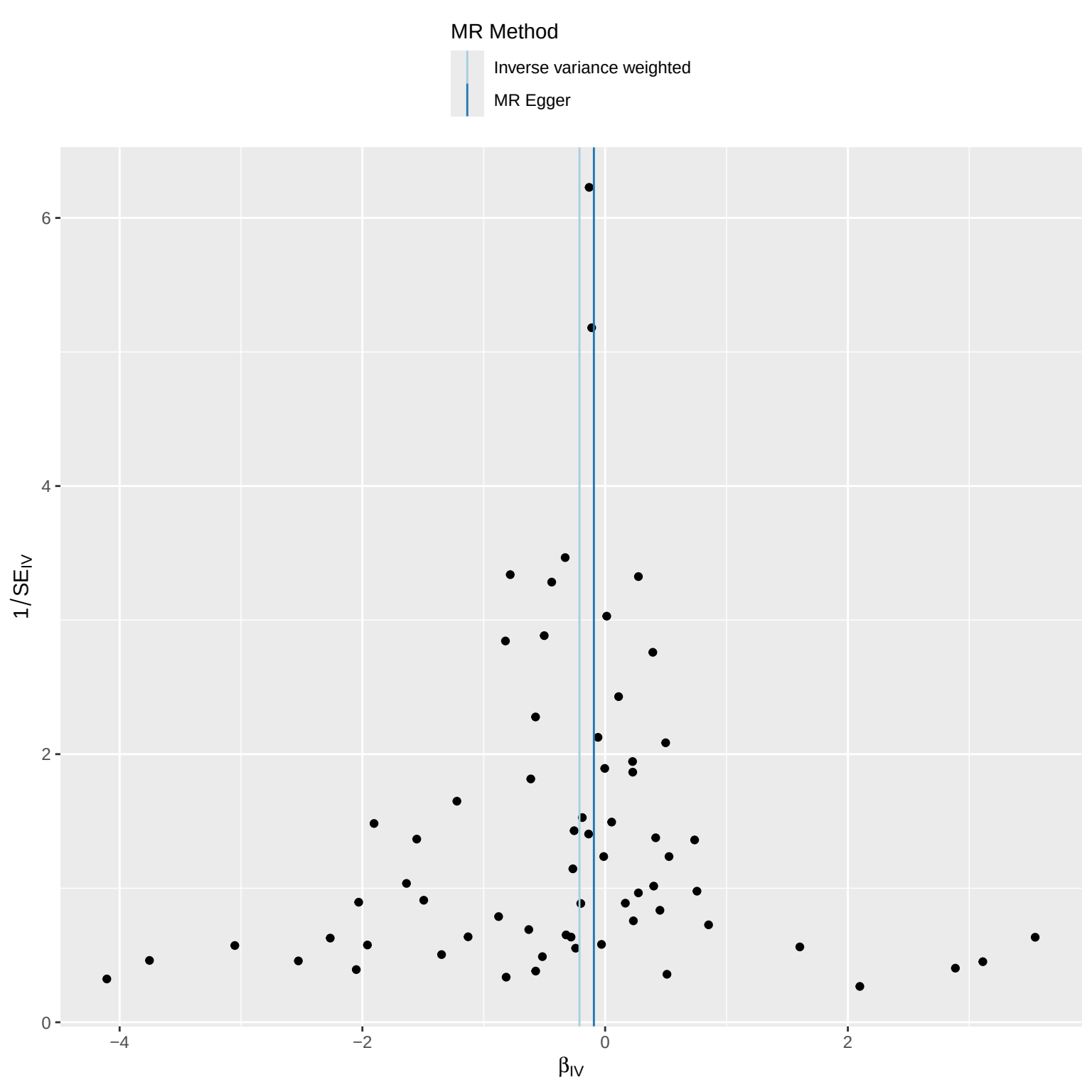

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

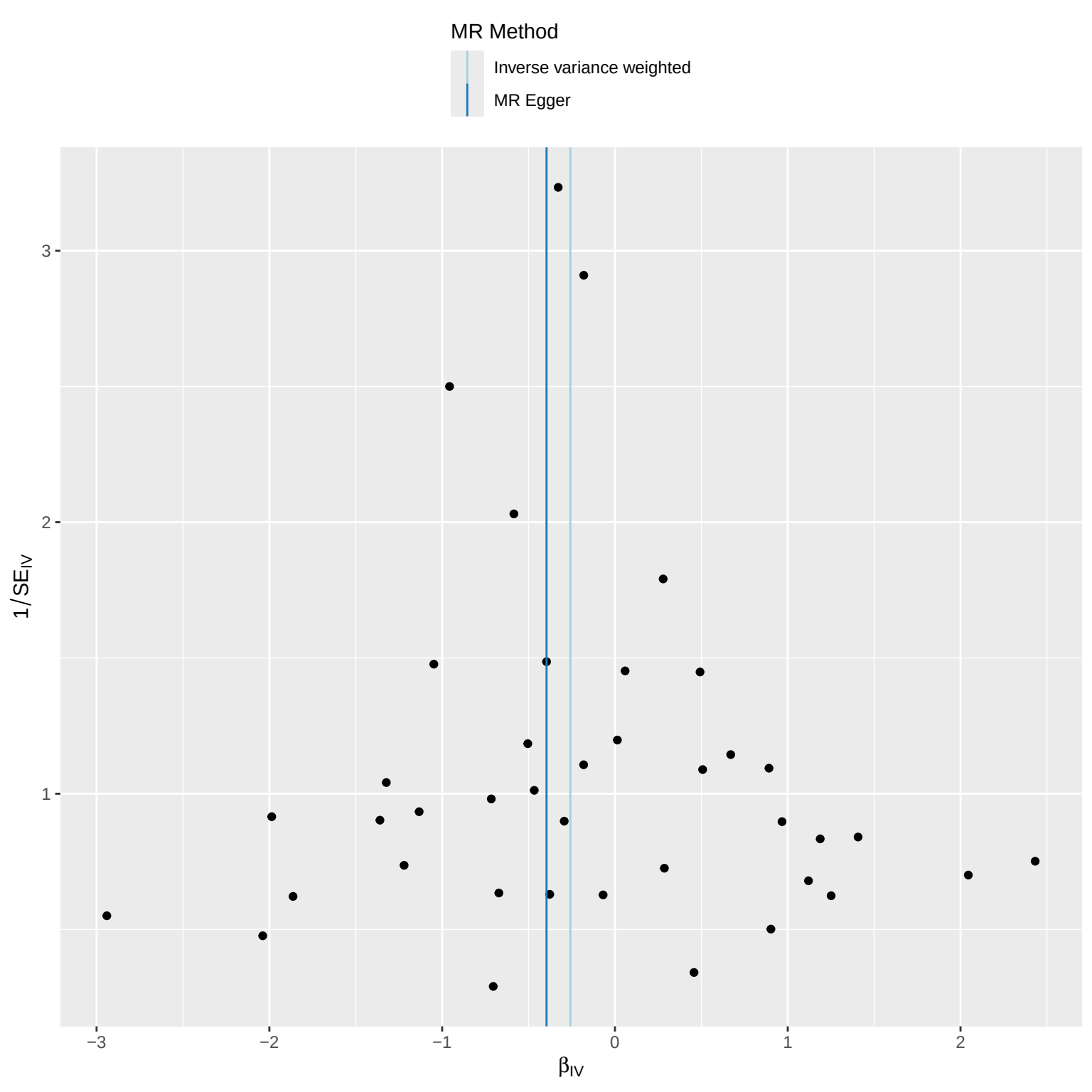

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

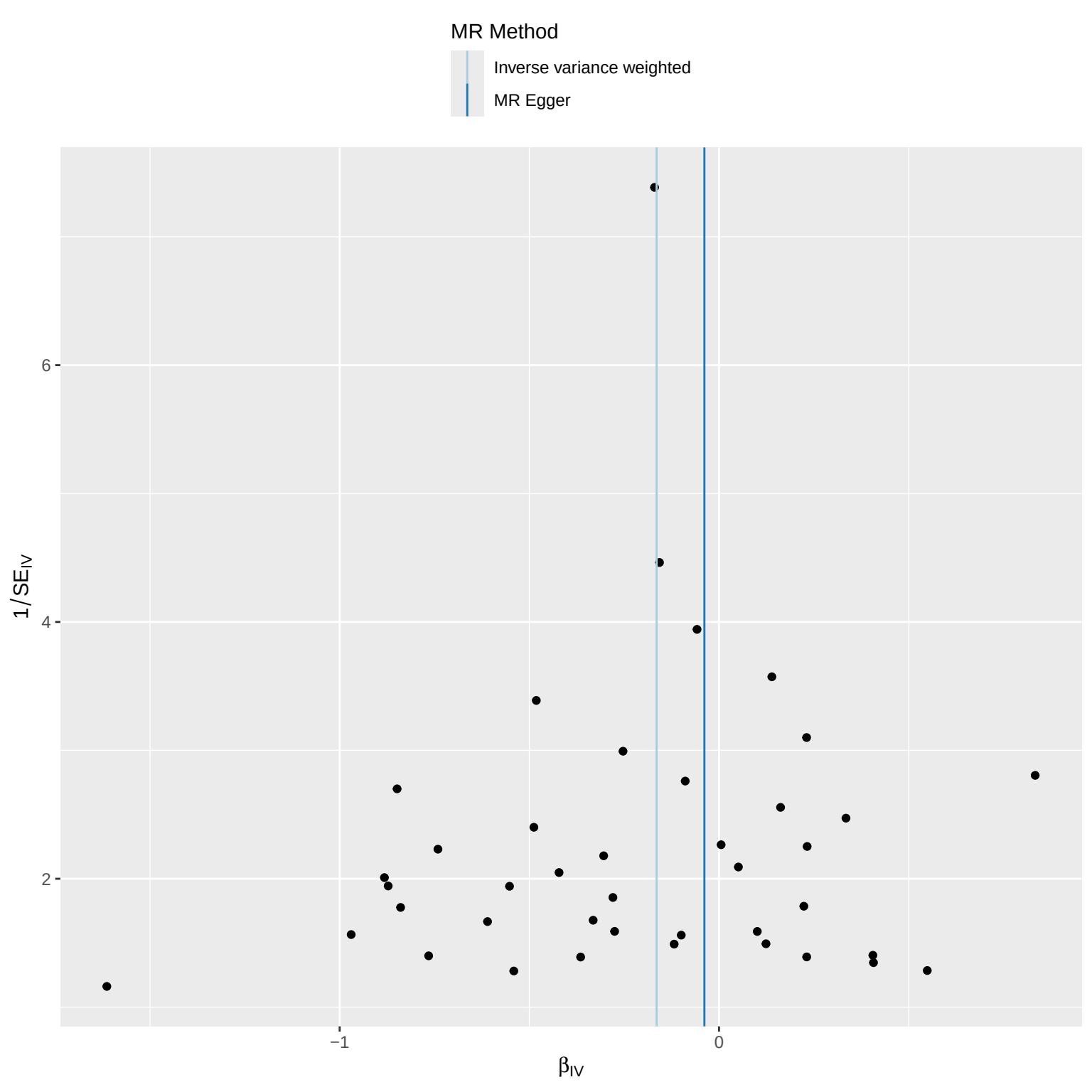

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
β_IV

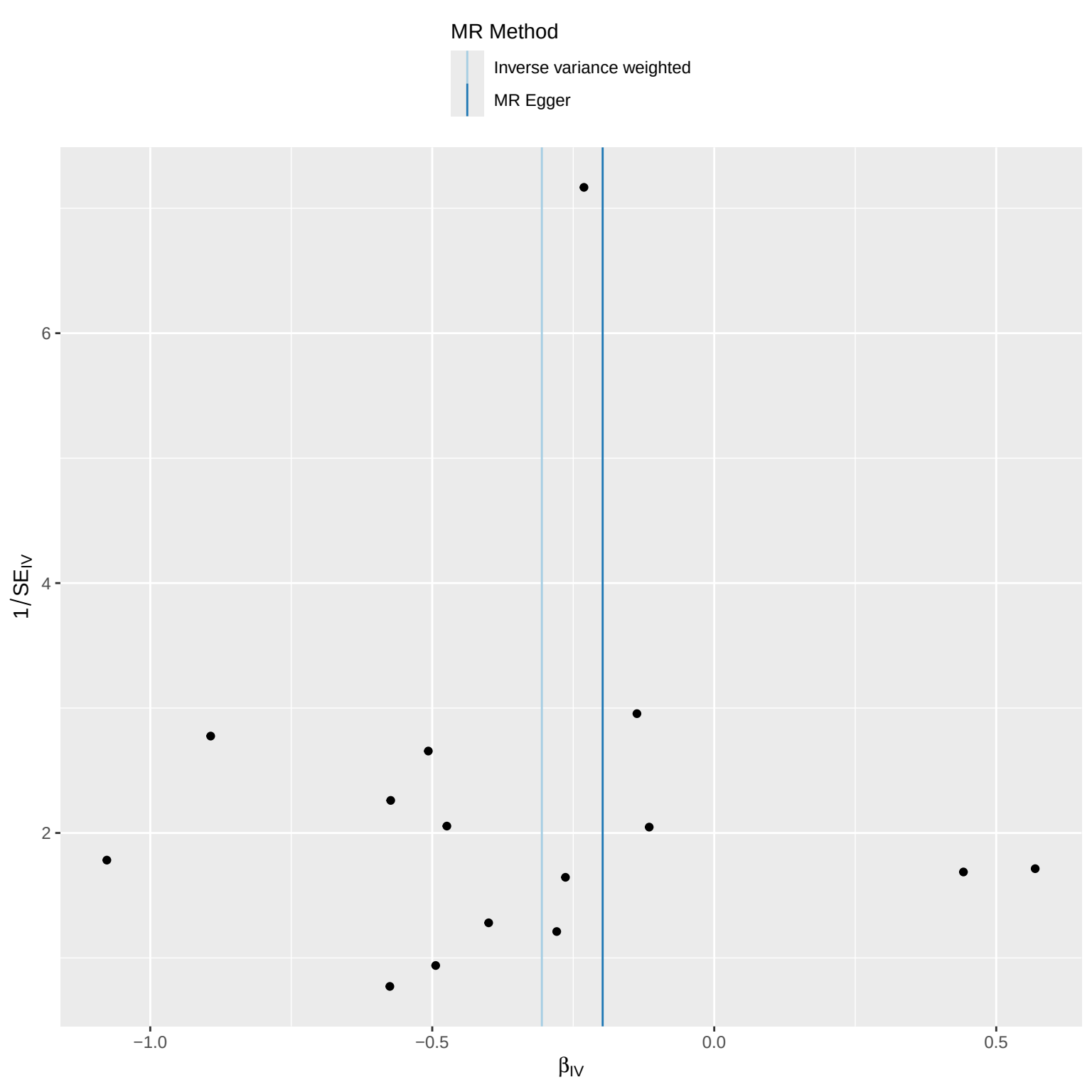

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
2
4
1/SE_IV
β_IV

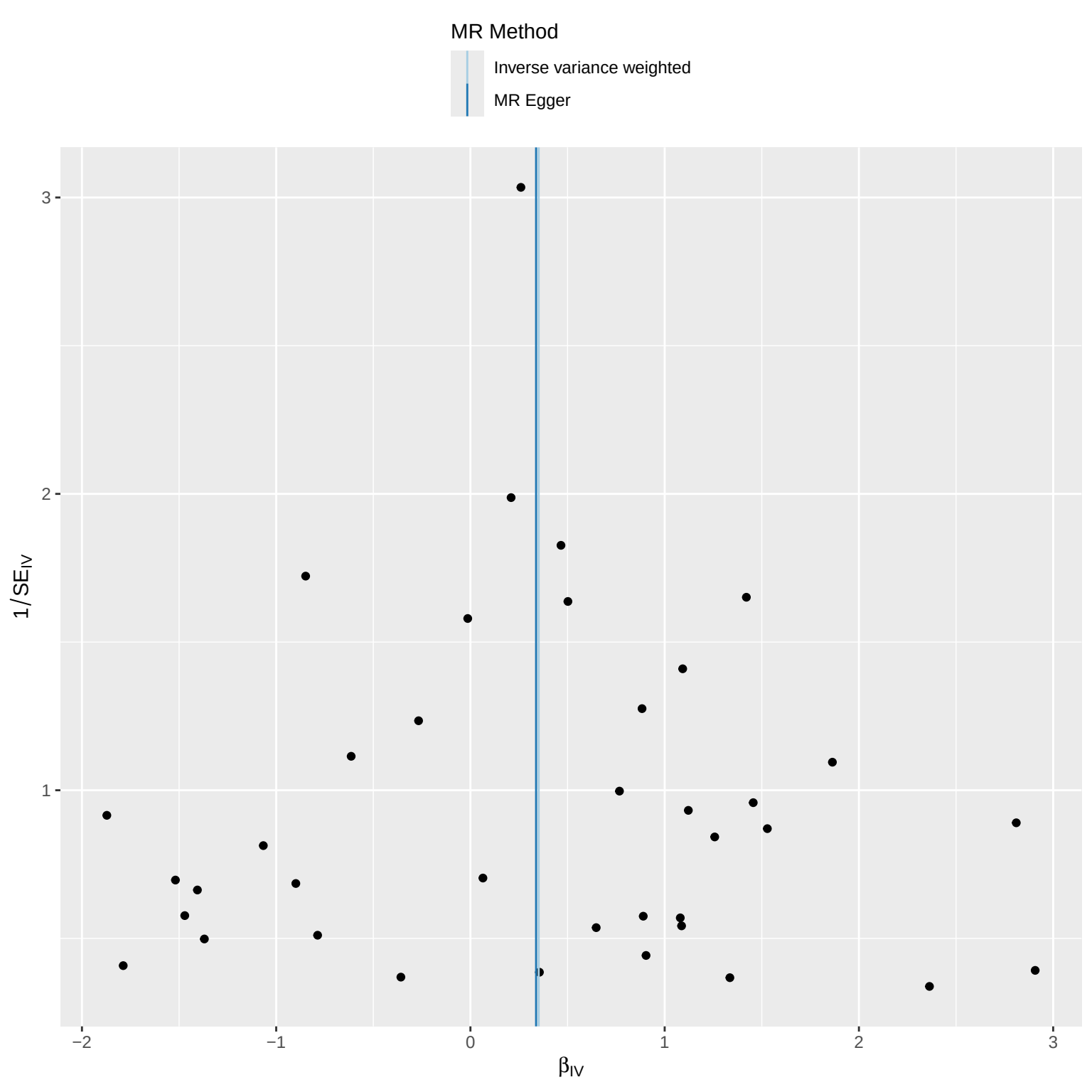

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

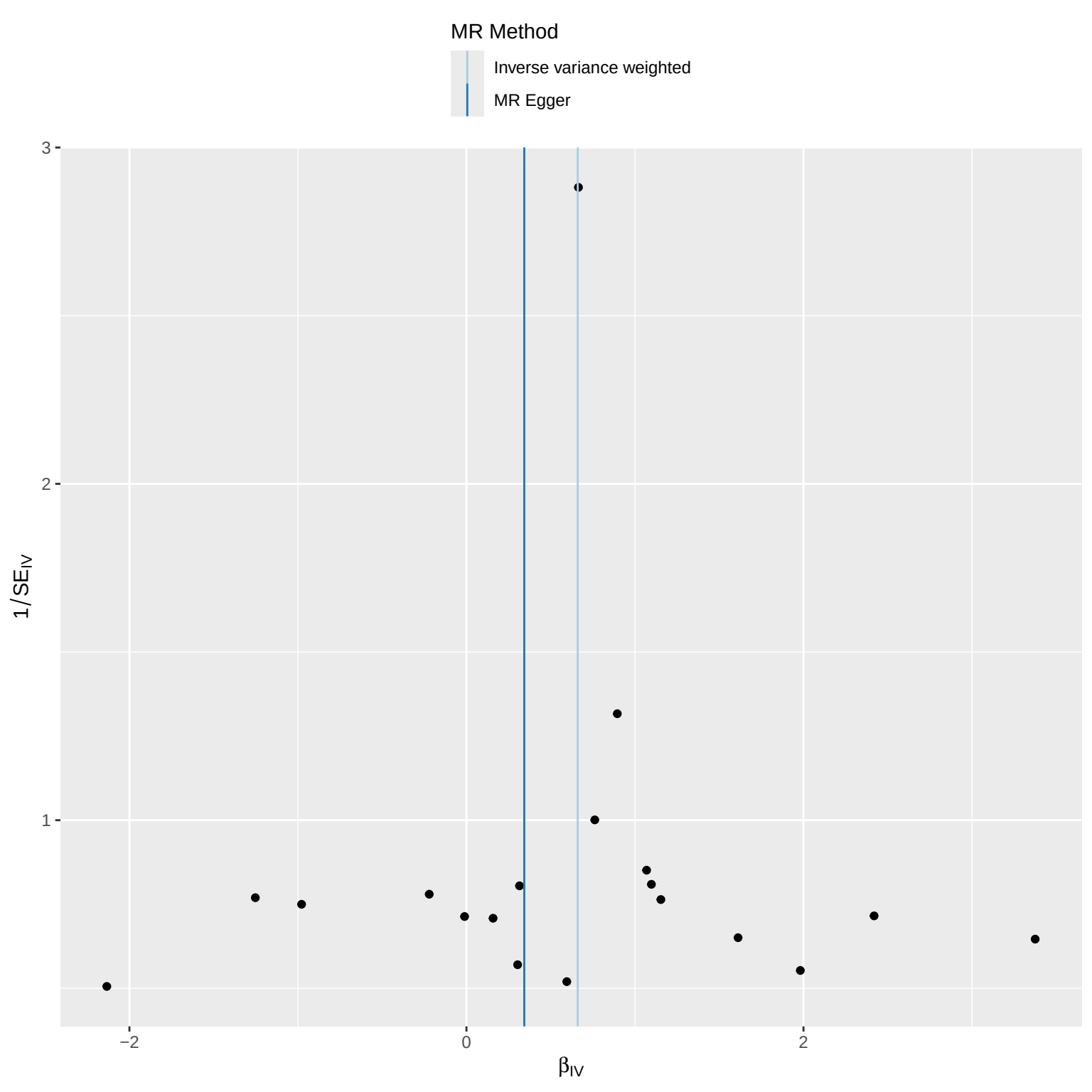

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−4
−2
0
2
β_IV

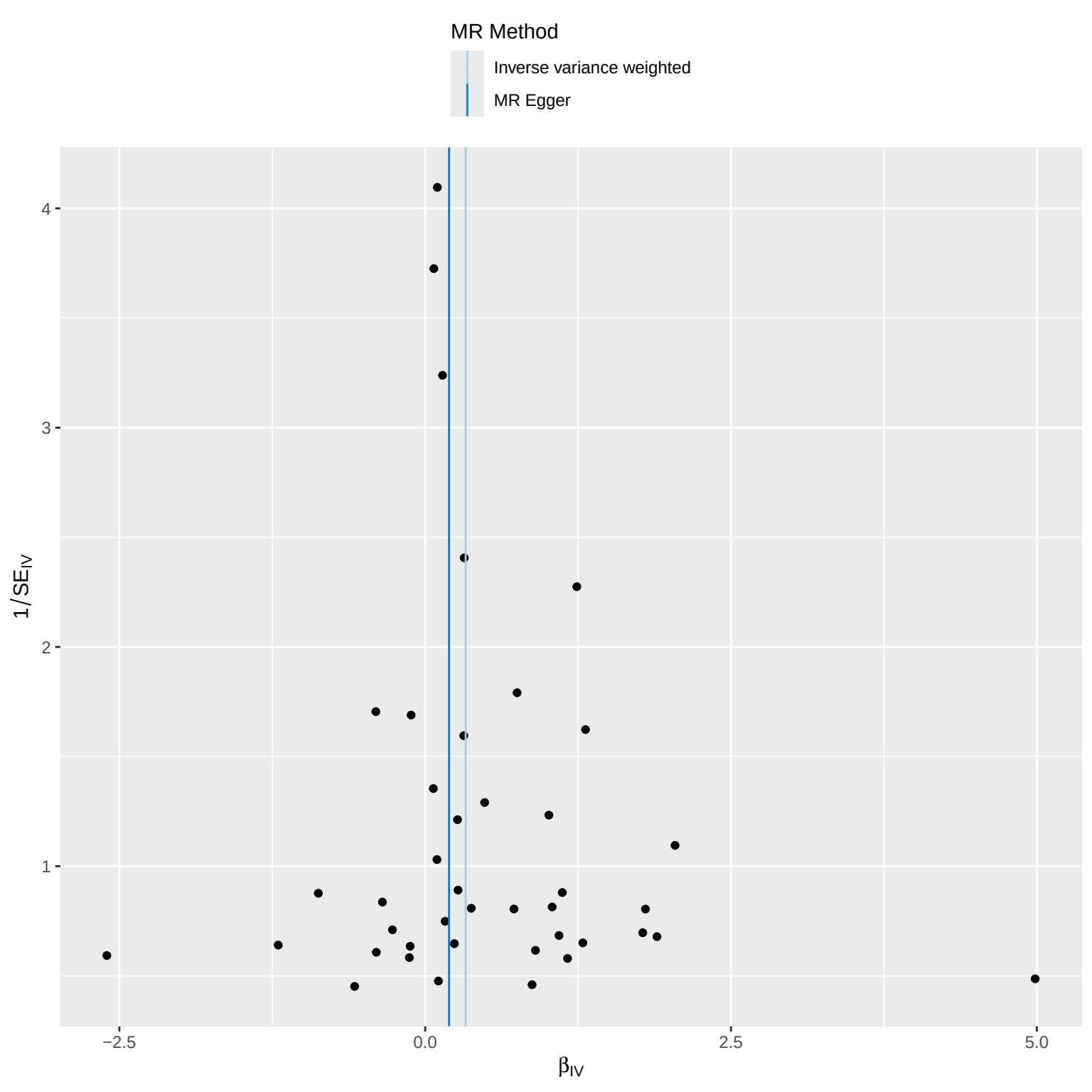

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

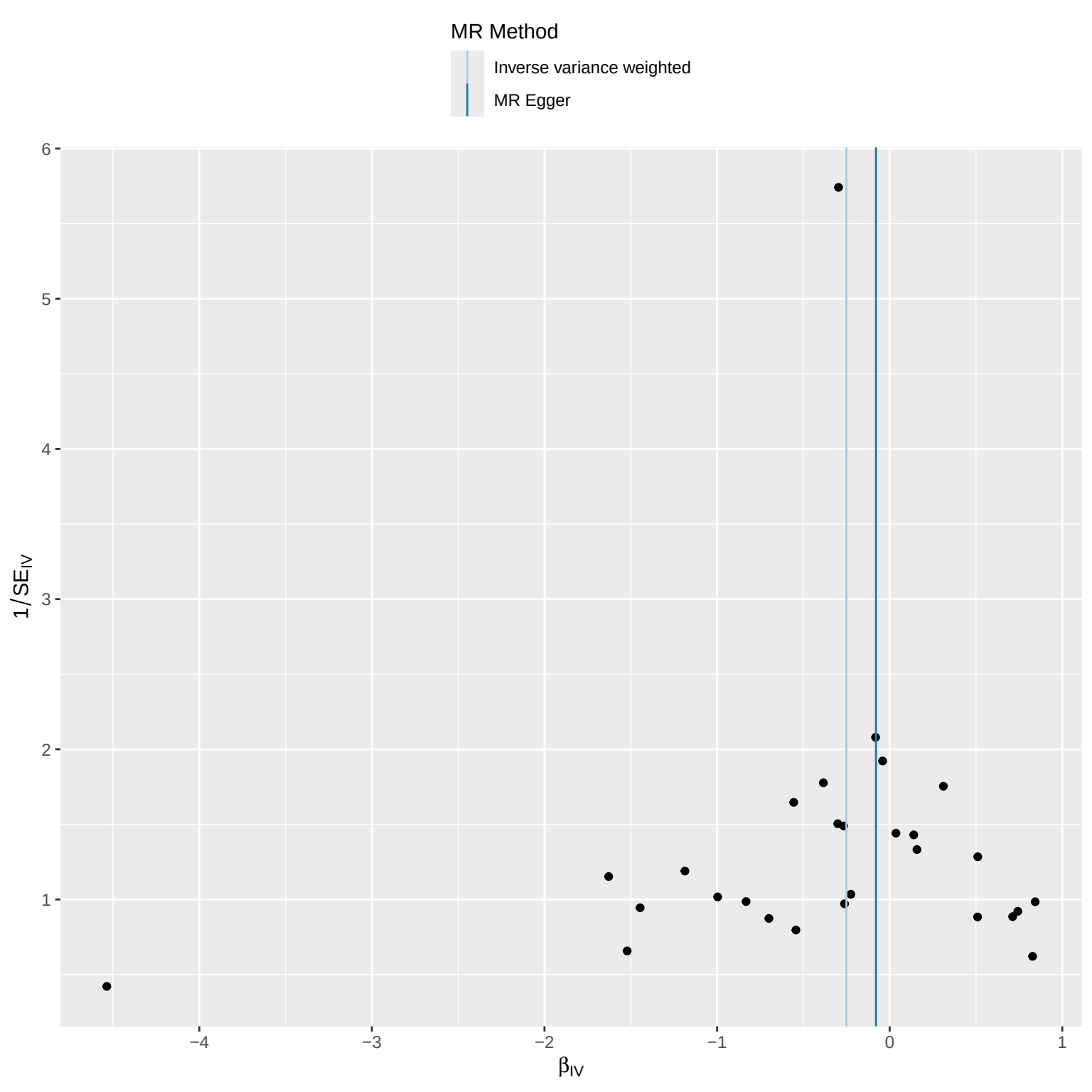

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
β_IV

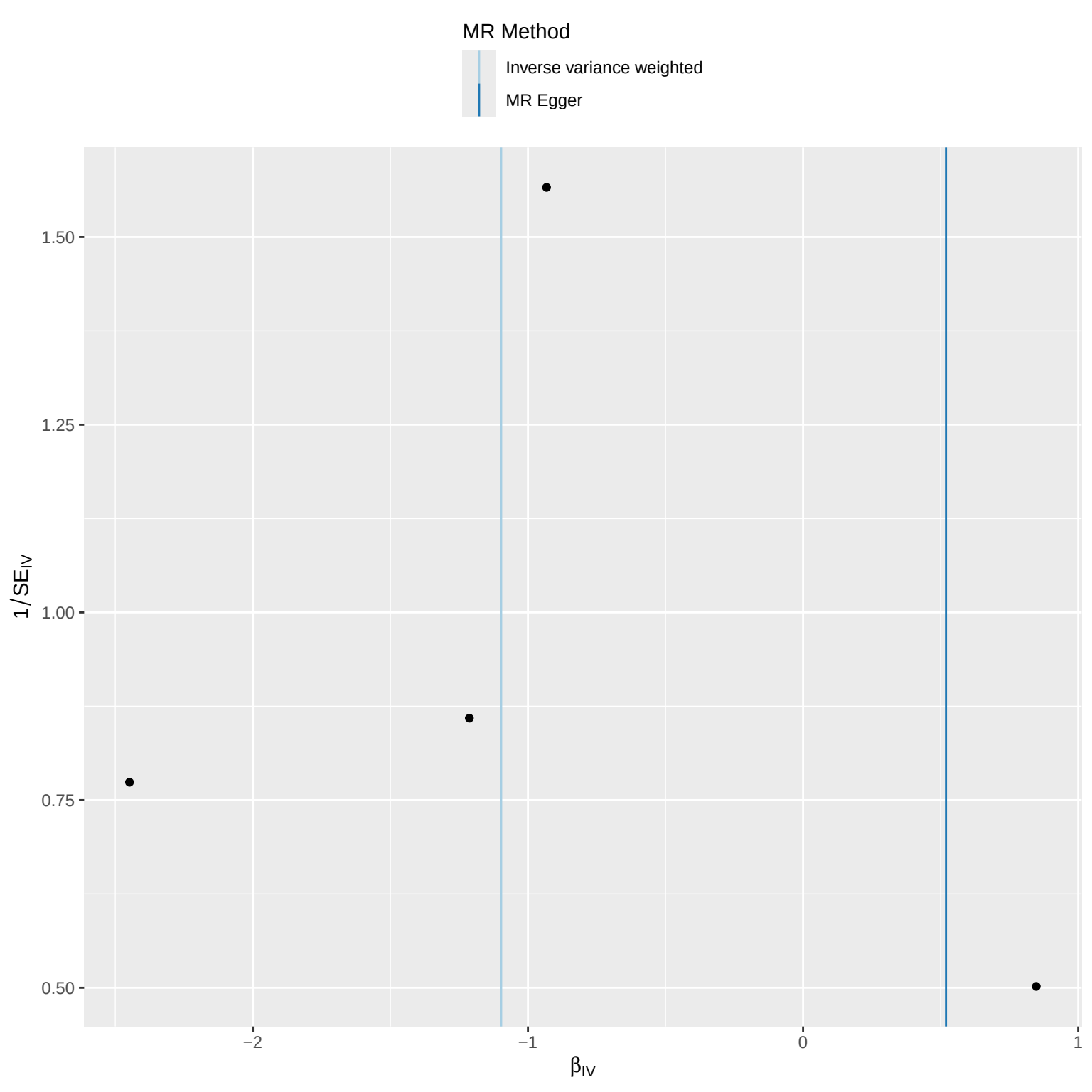

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

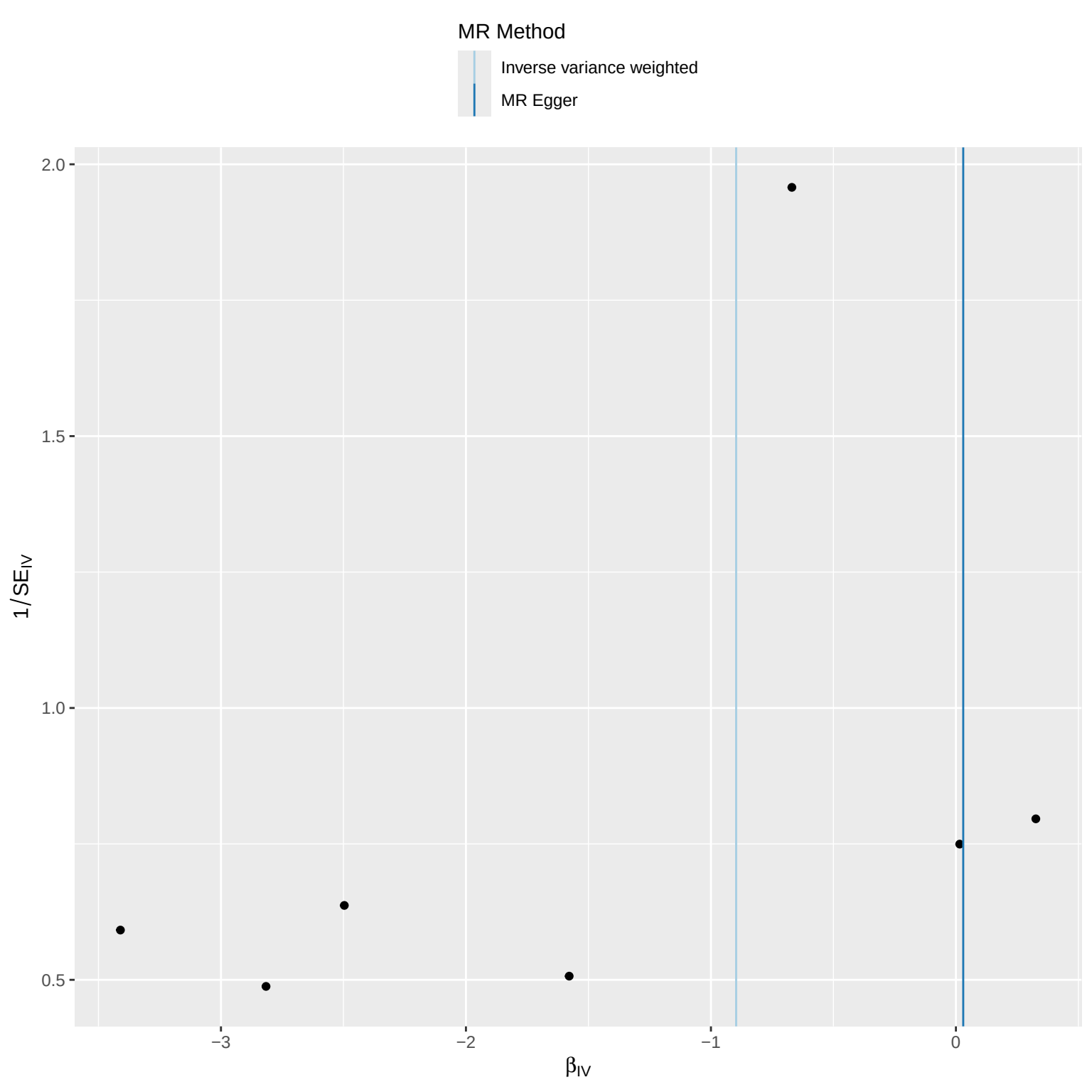

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

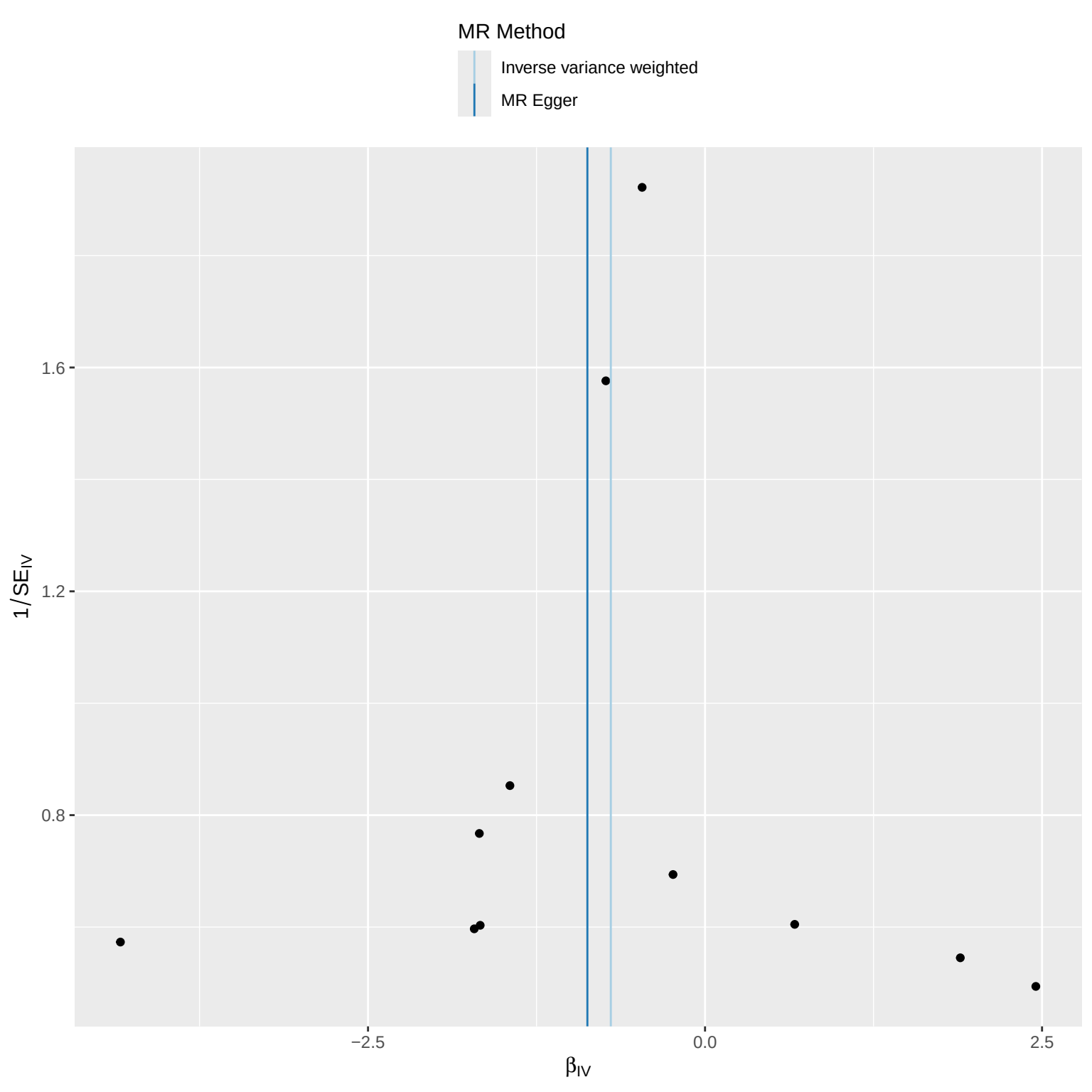

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

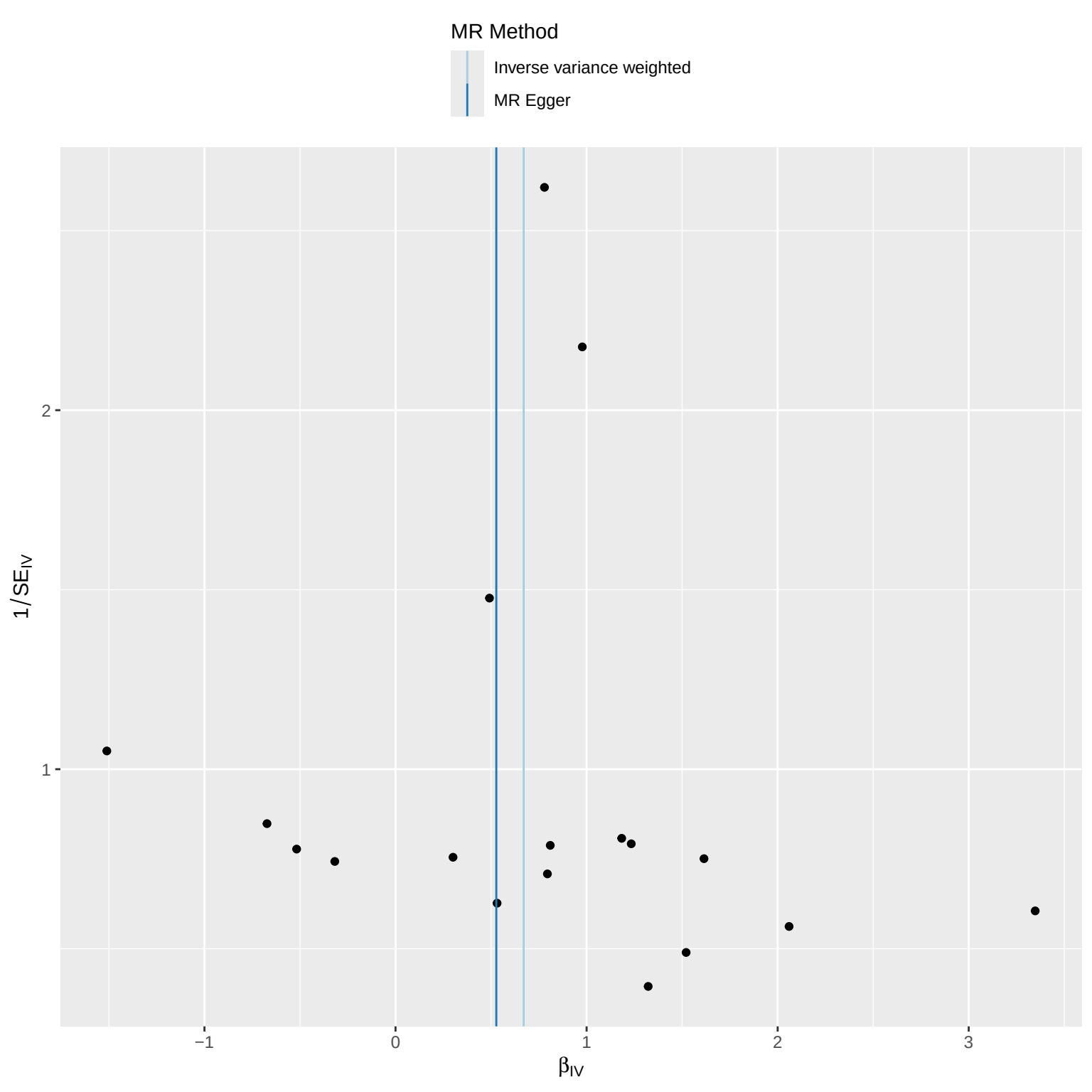

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

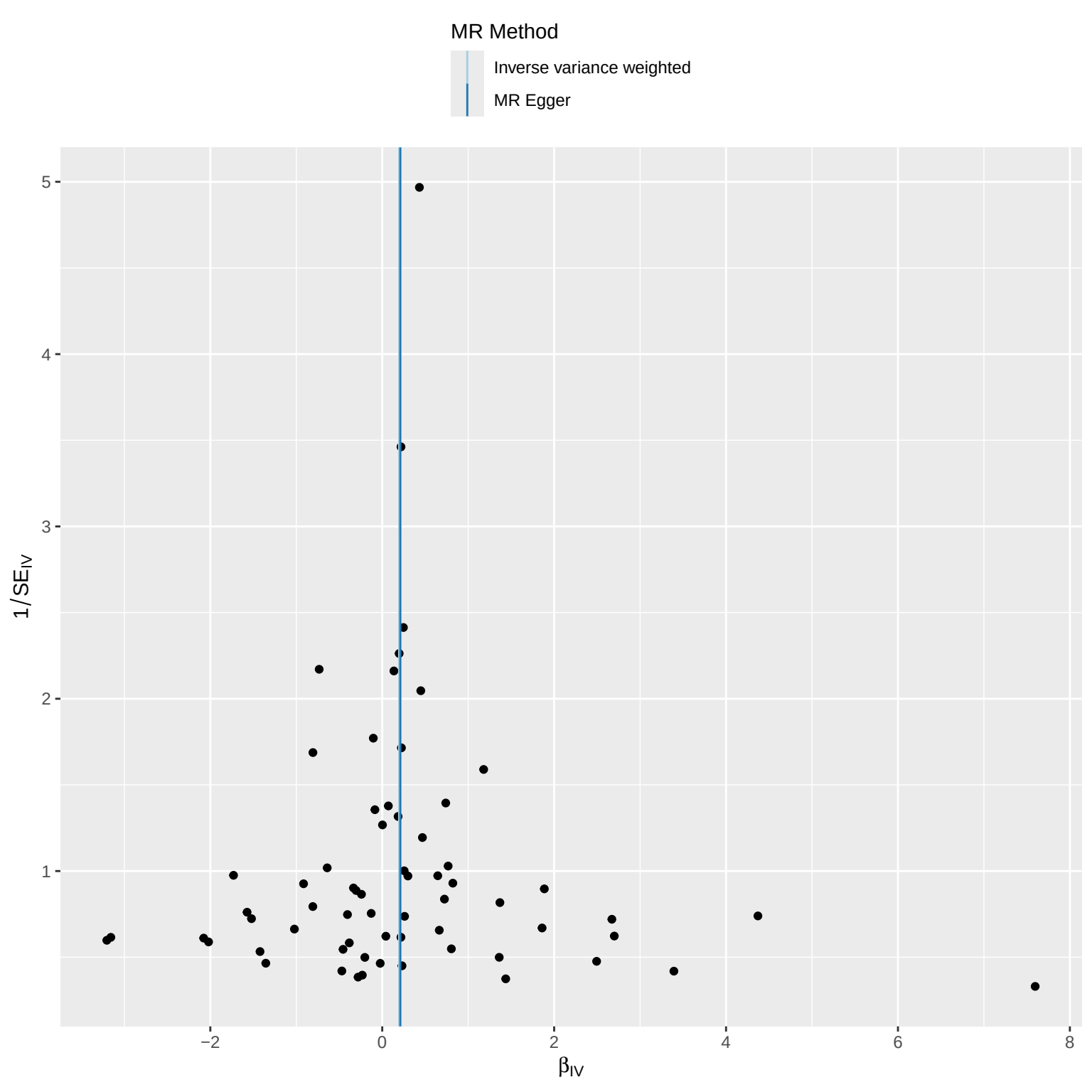

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

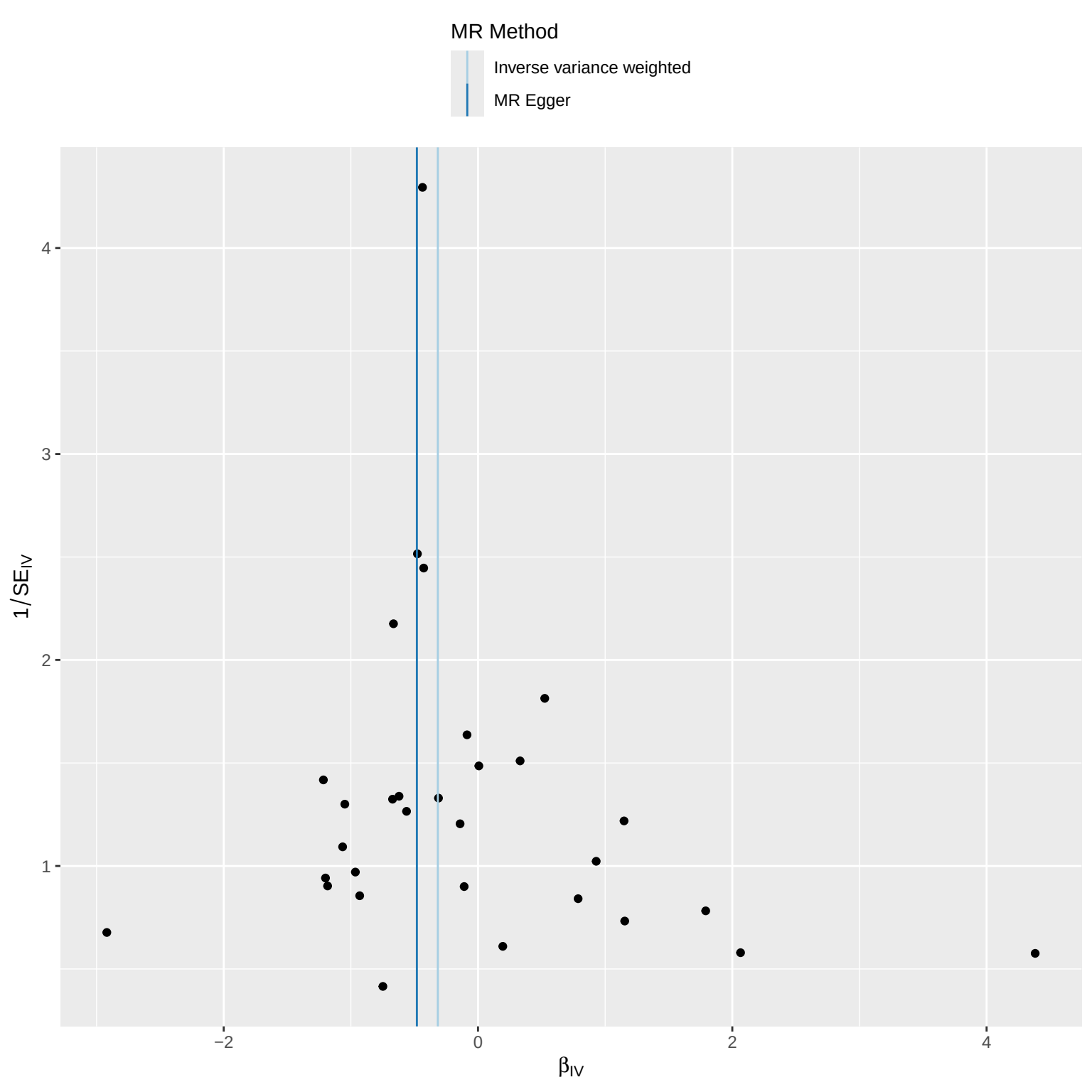

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
β_IV

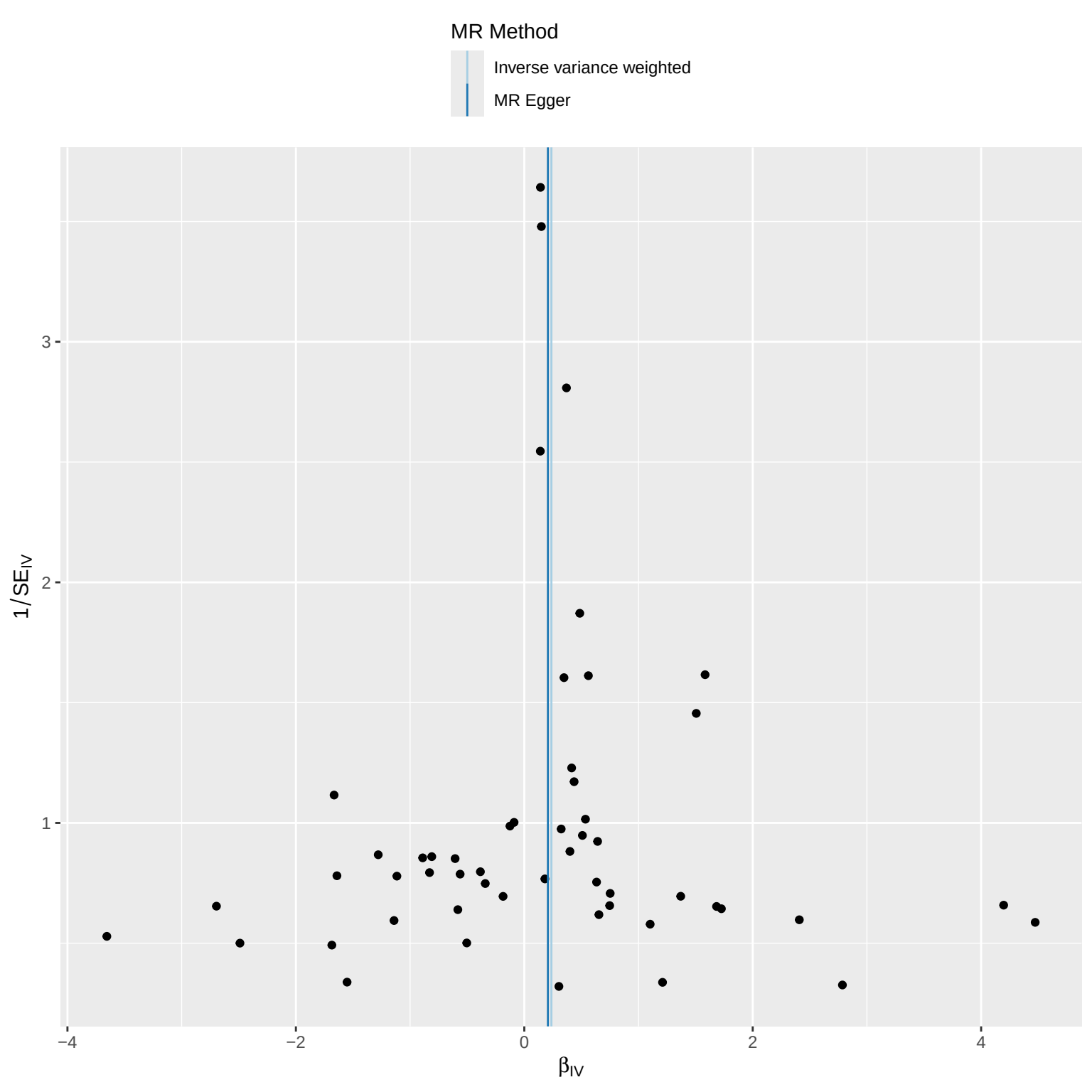

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

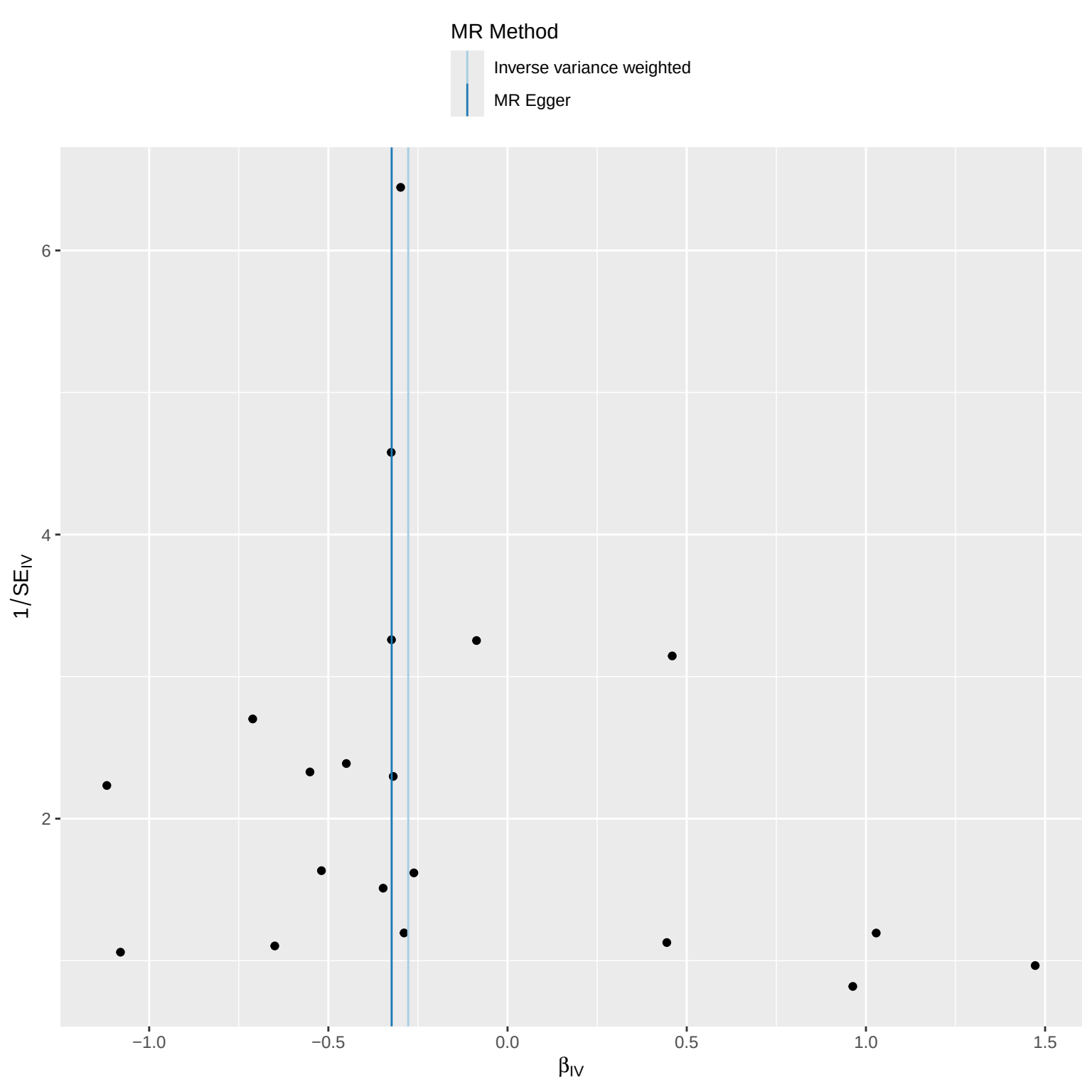

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2.5
0.0
2.5
β_IV

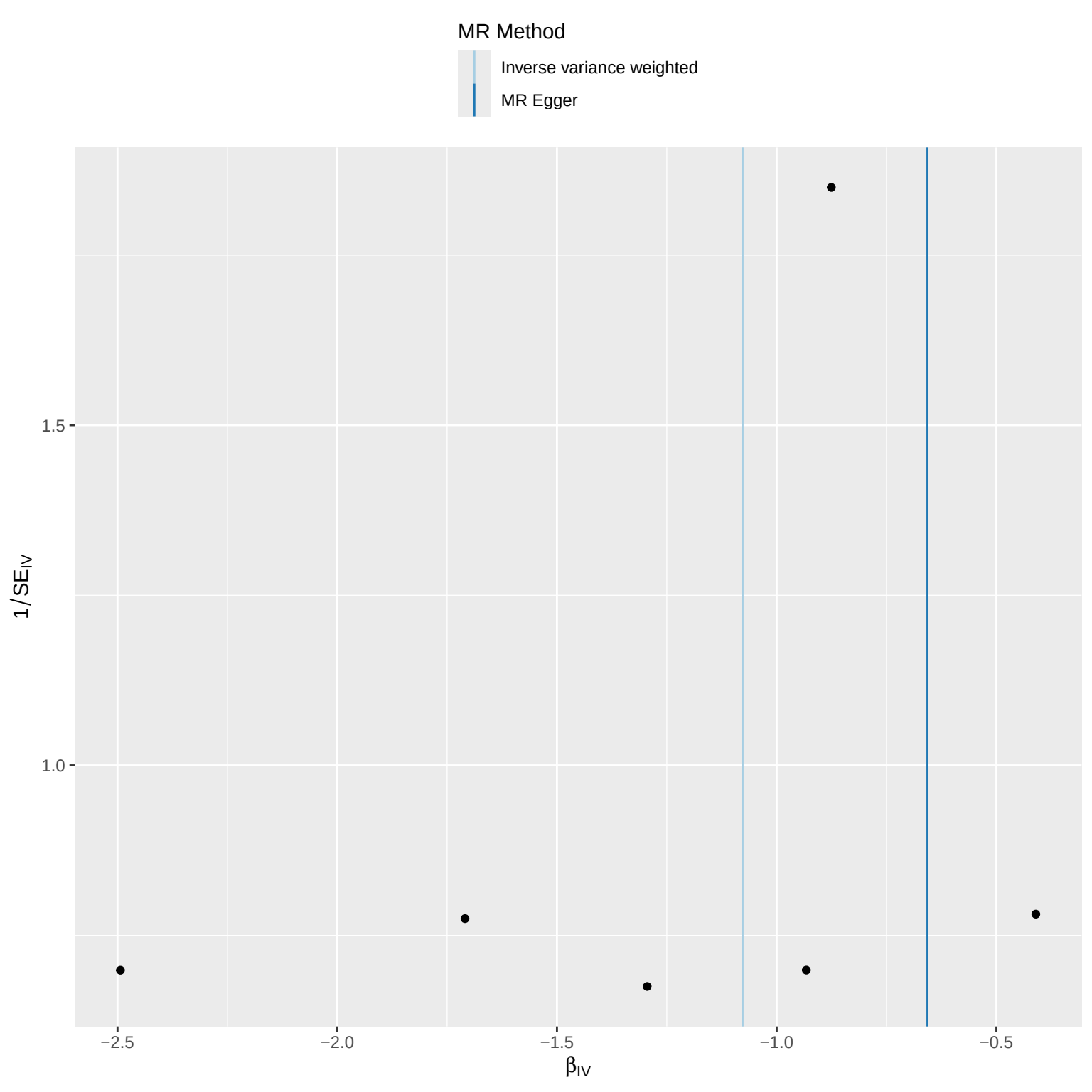

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

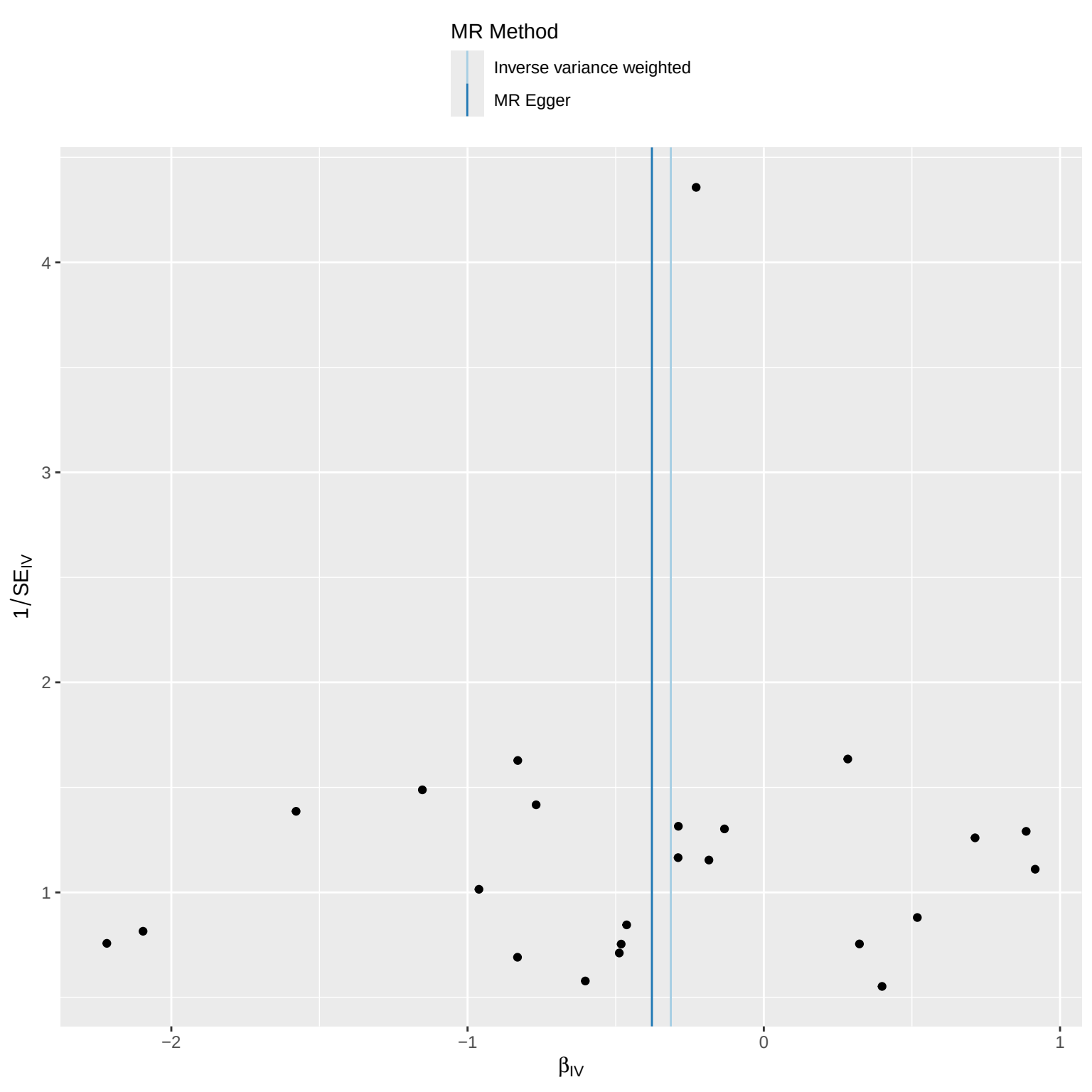

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
6
8
β_IV

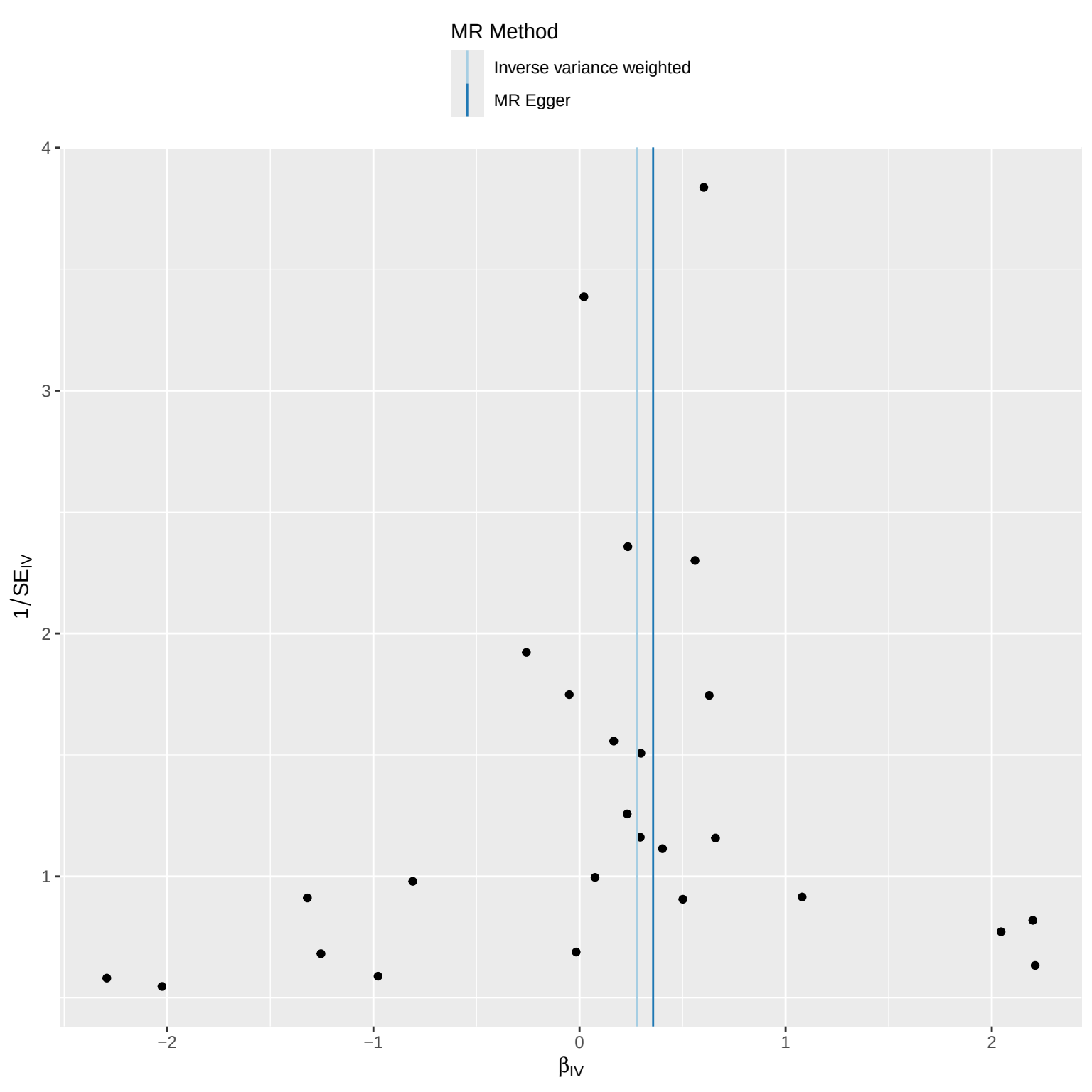

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

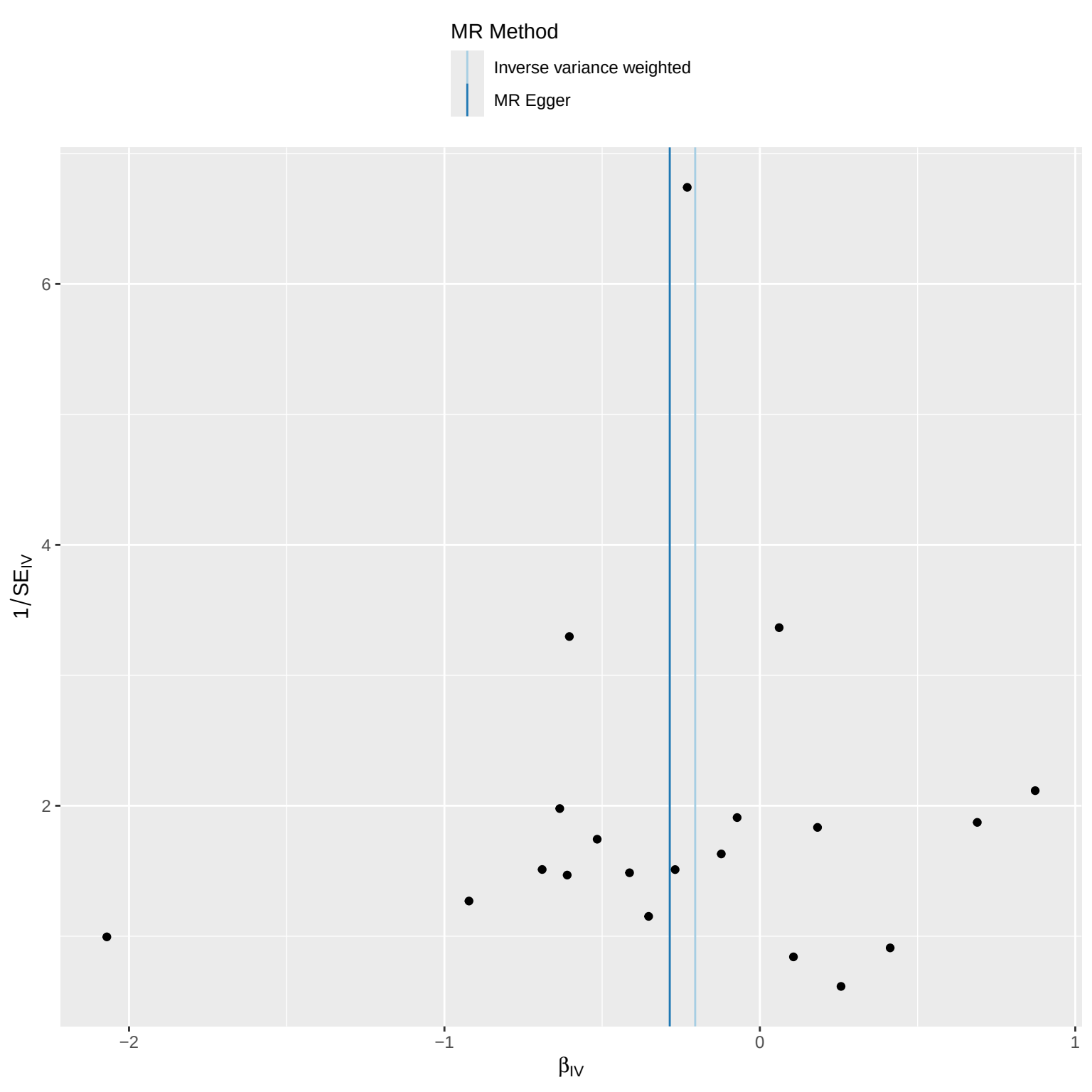

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

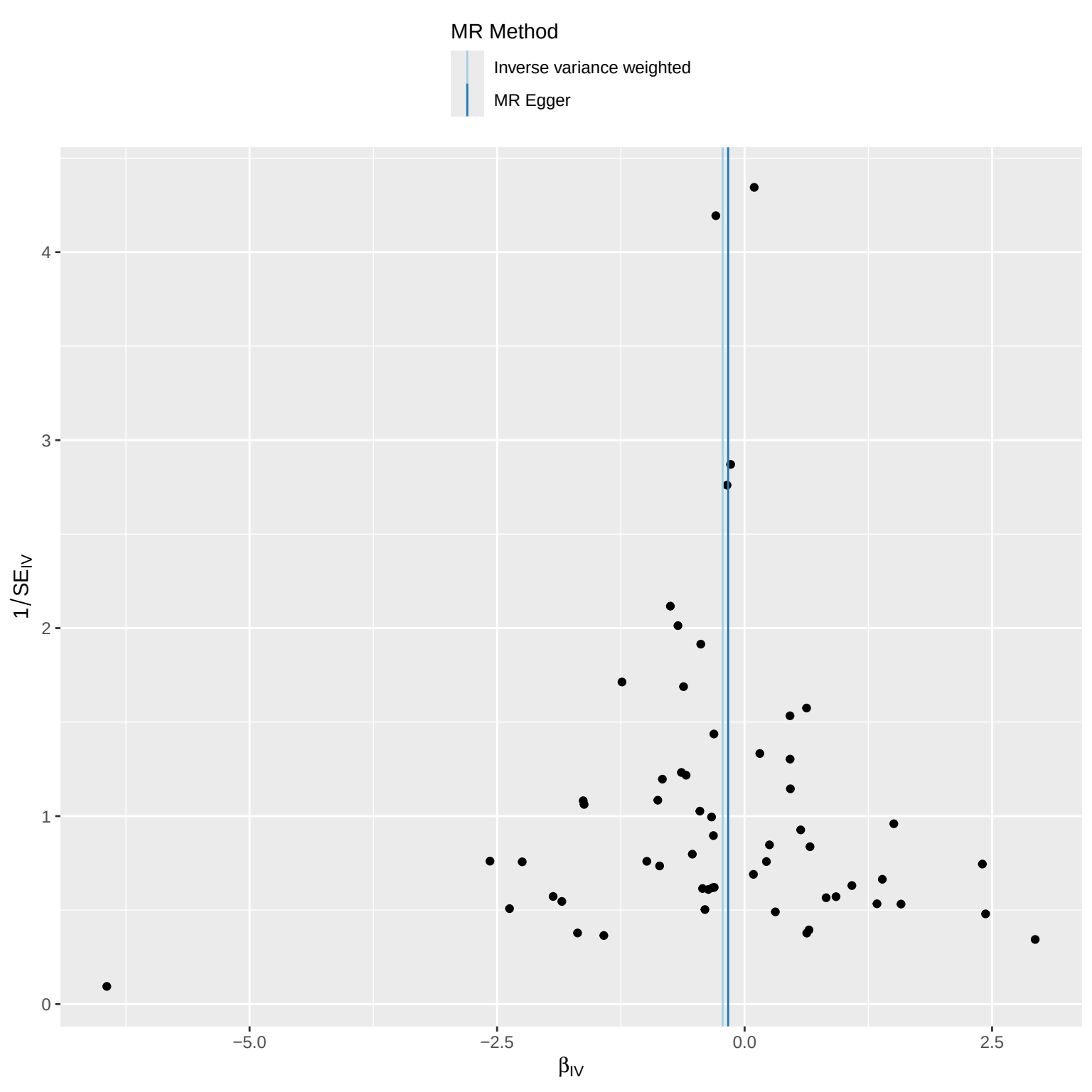

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

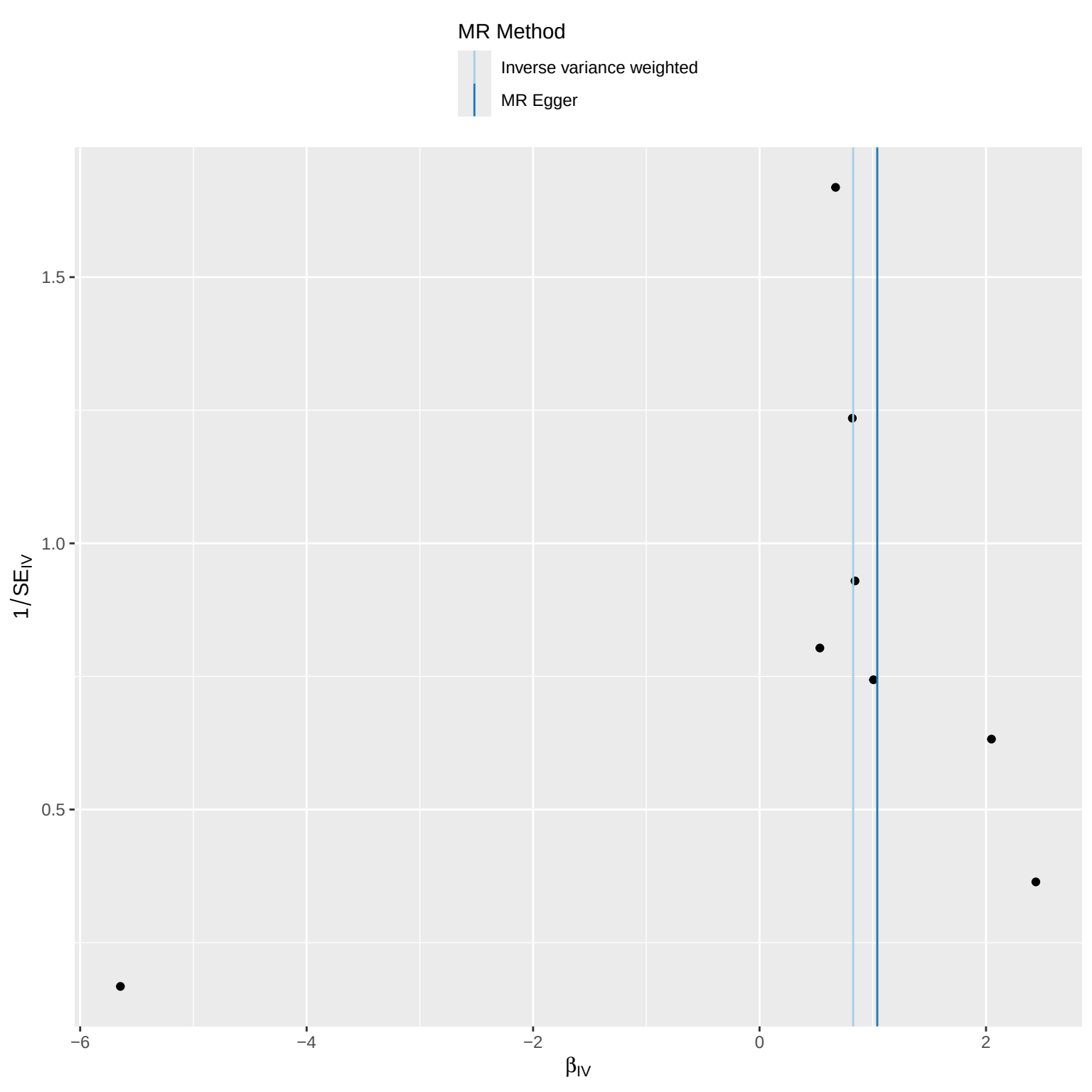

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

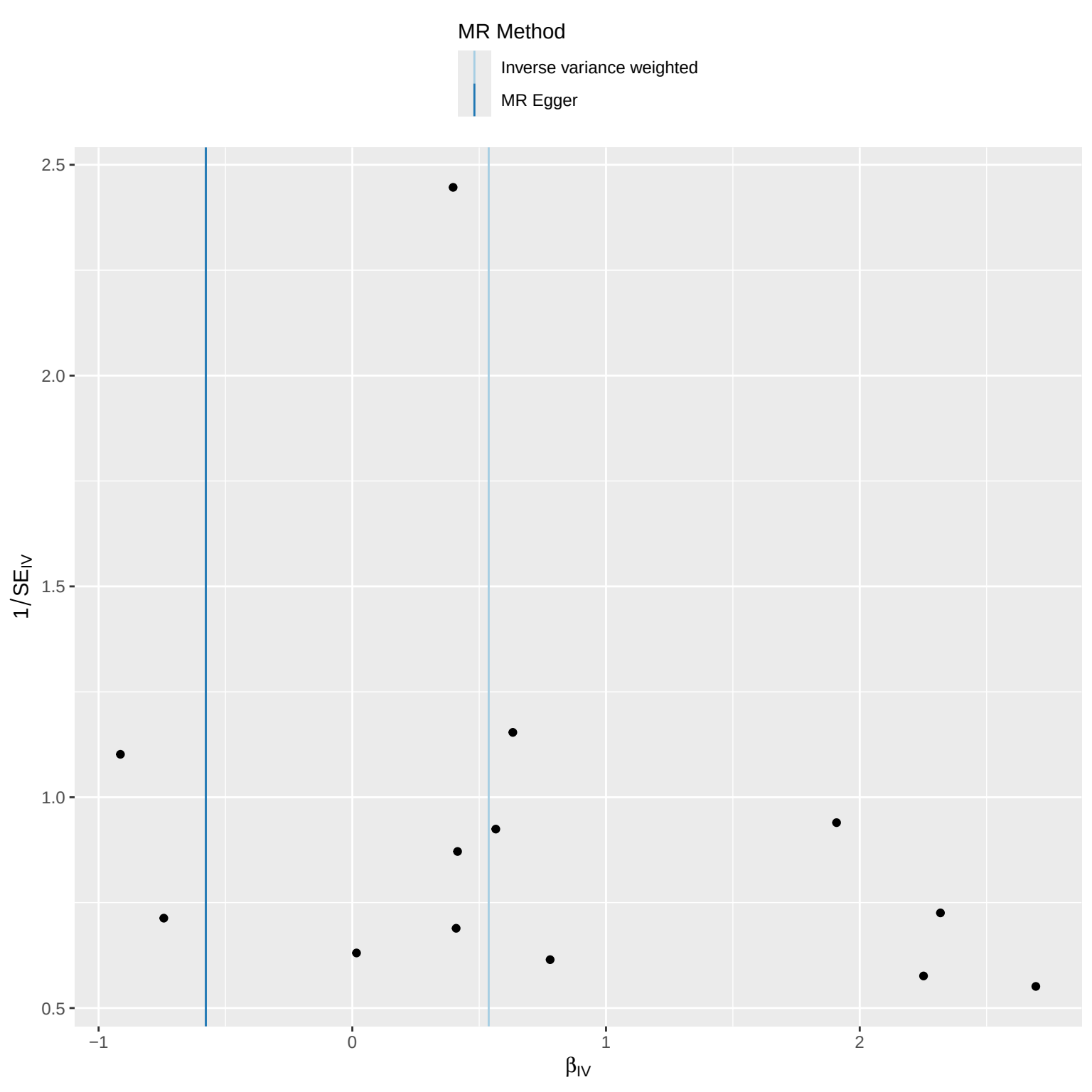

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

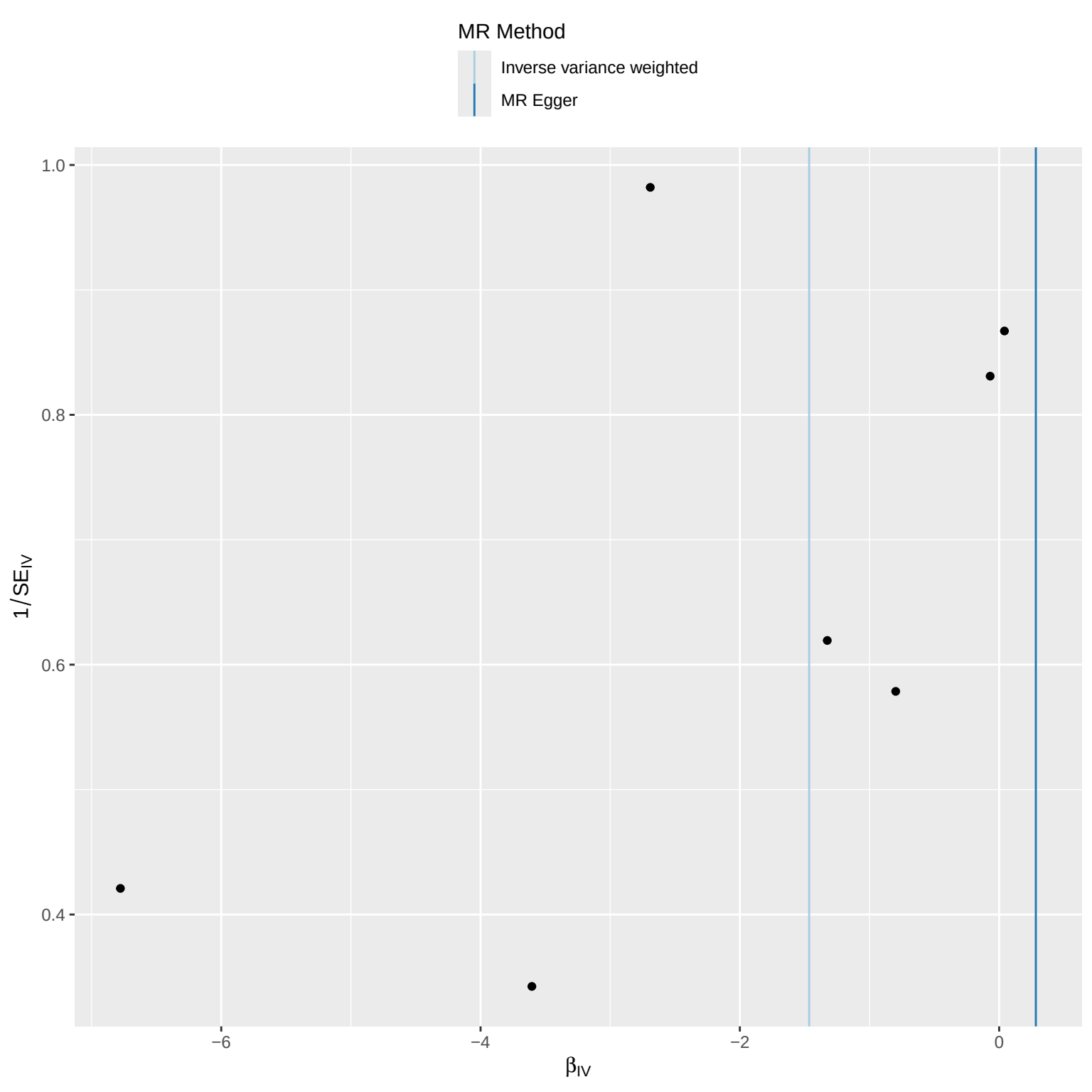

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

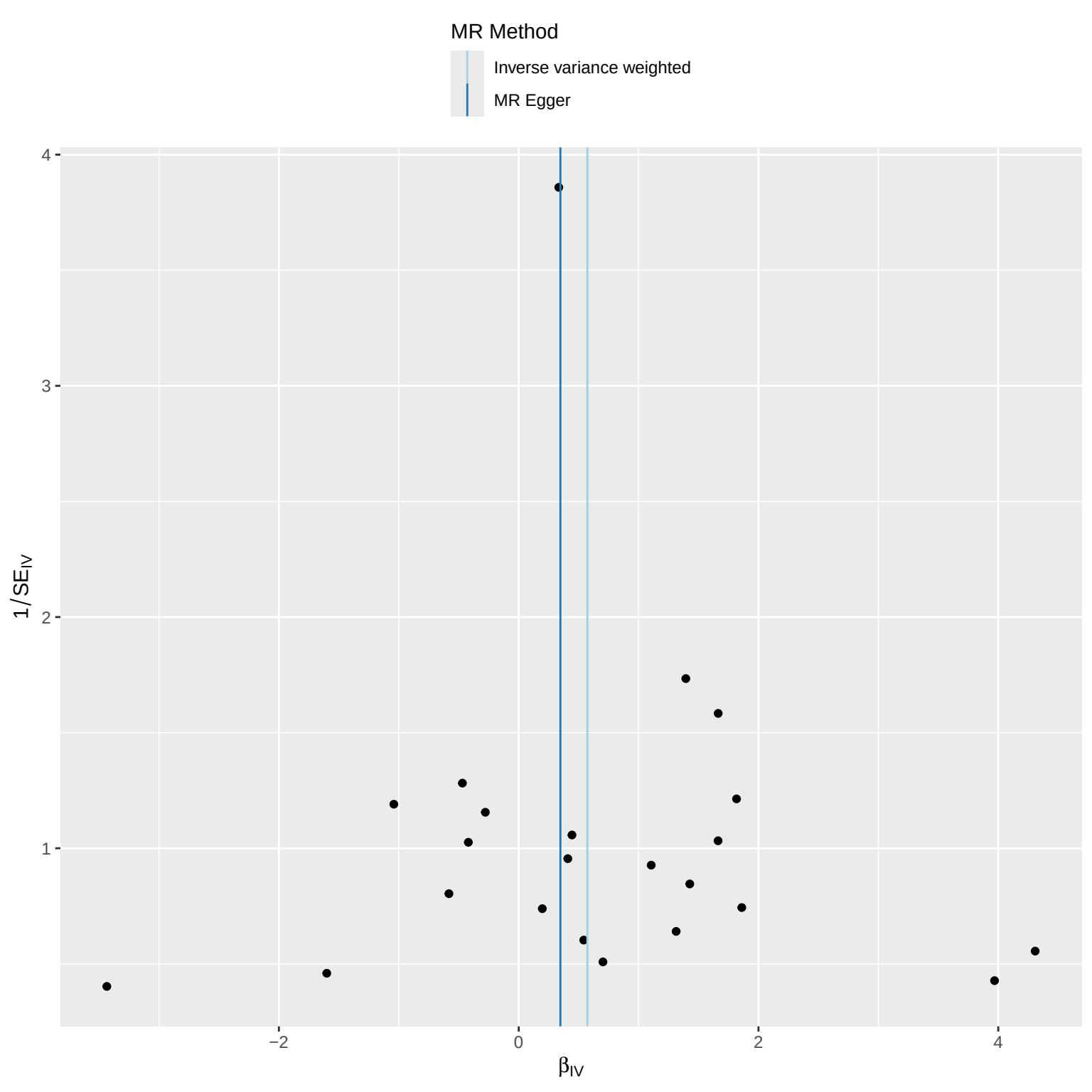

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

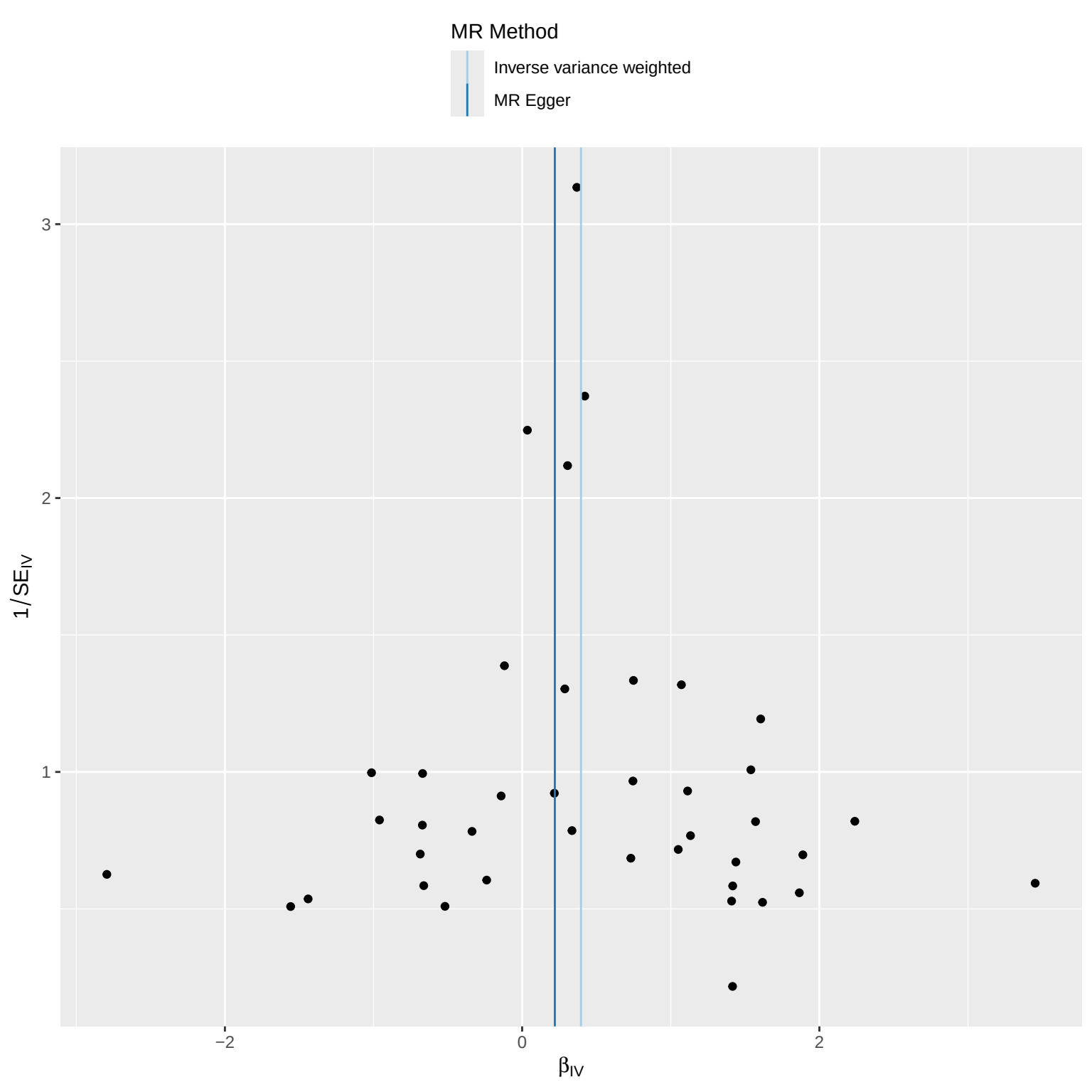

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

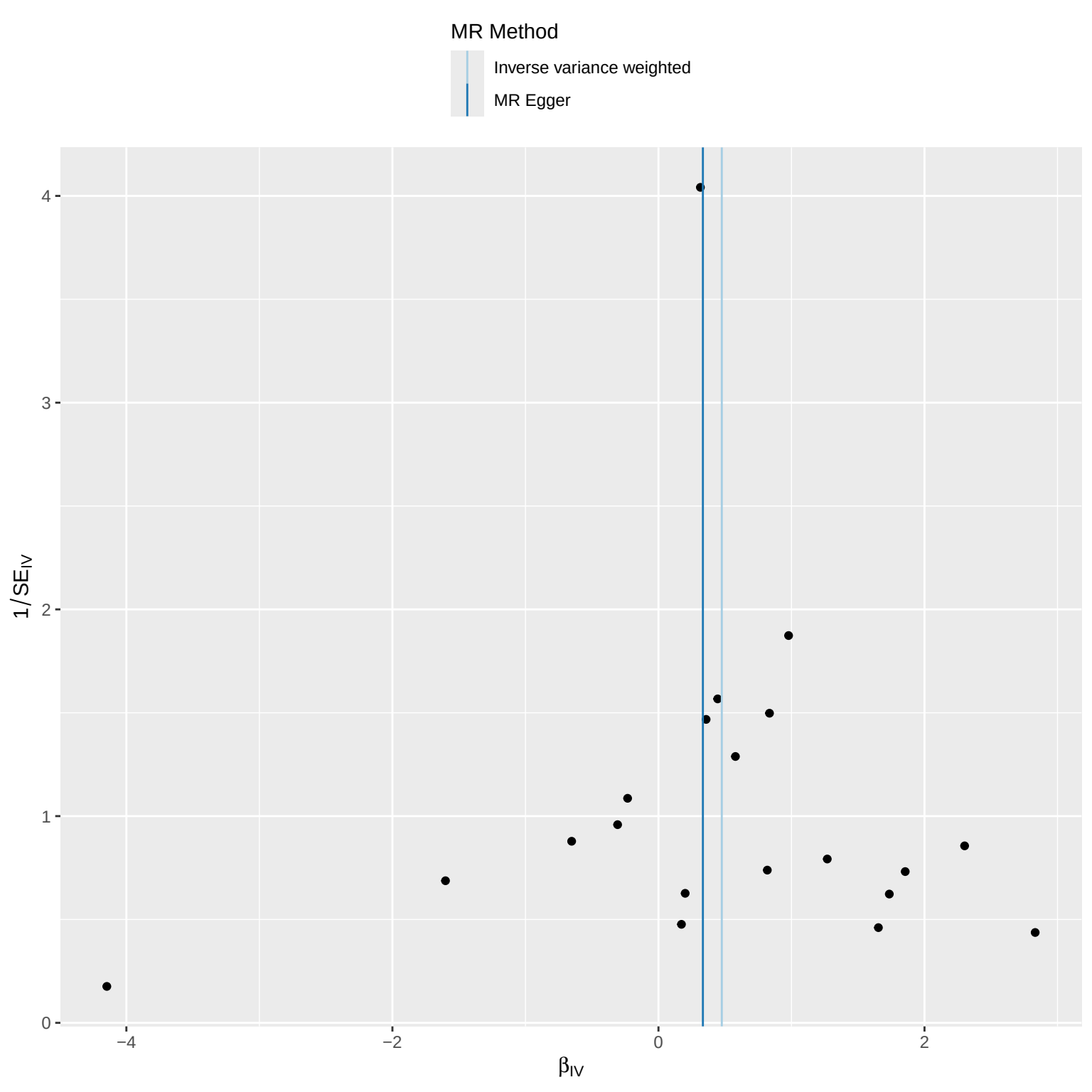

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

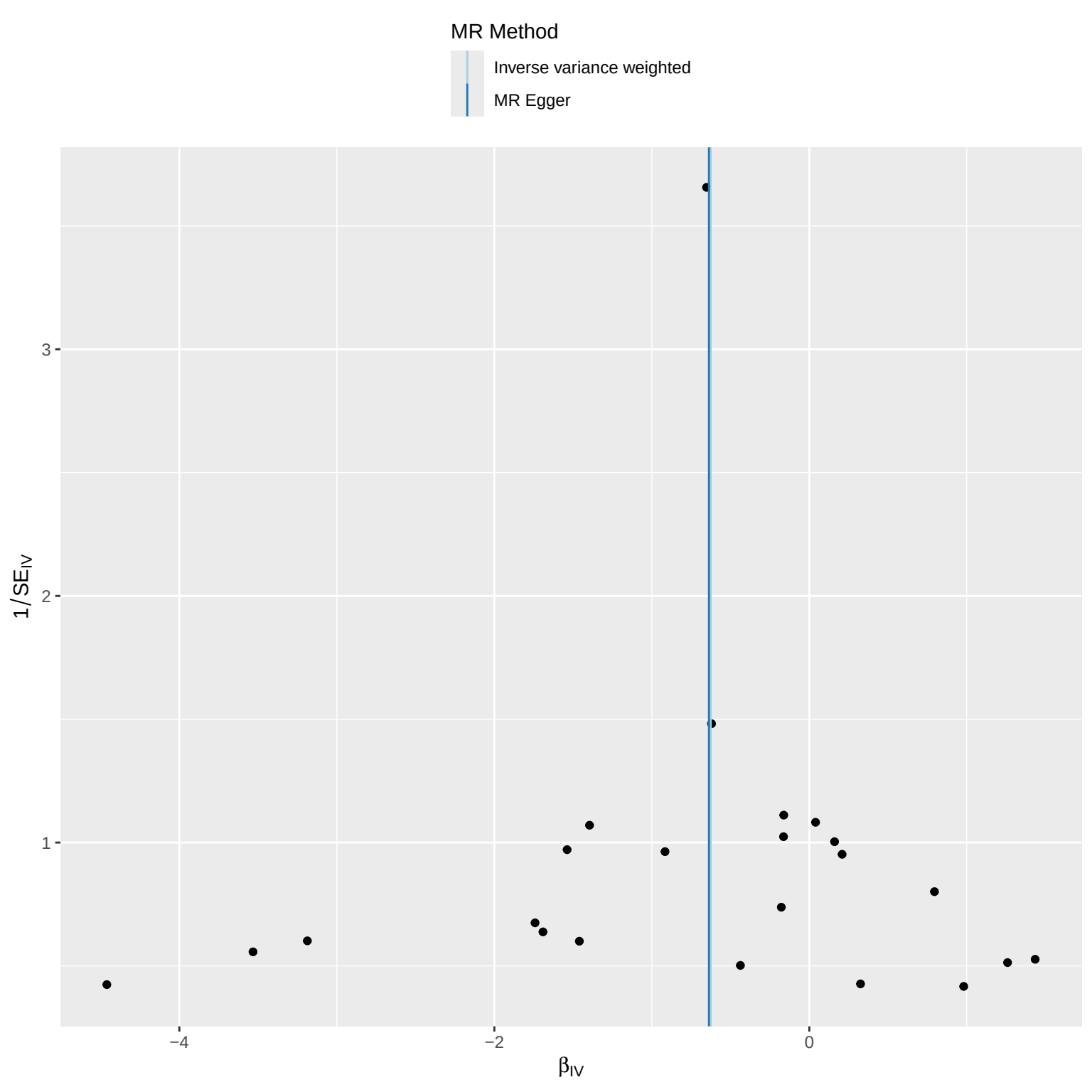

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

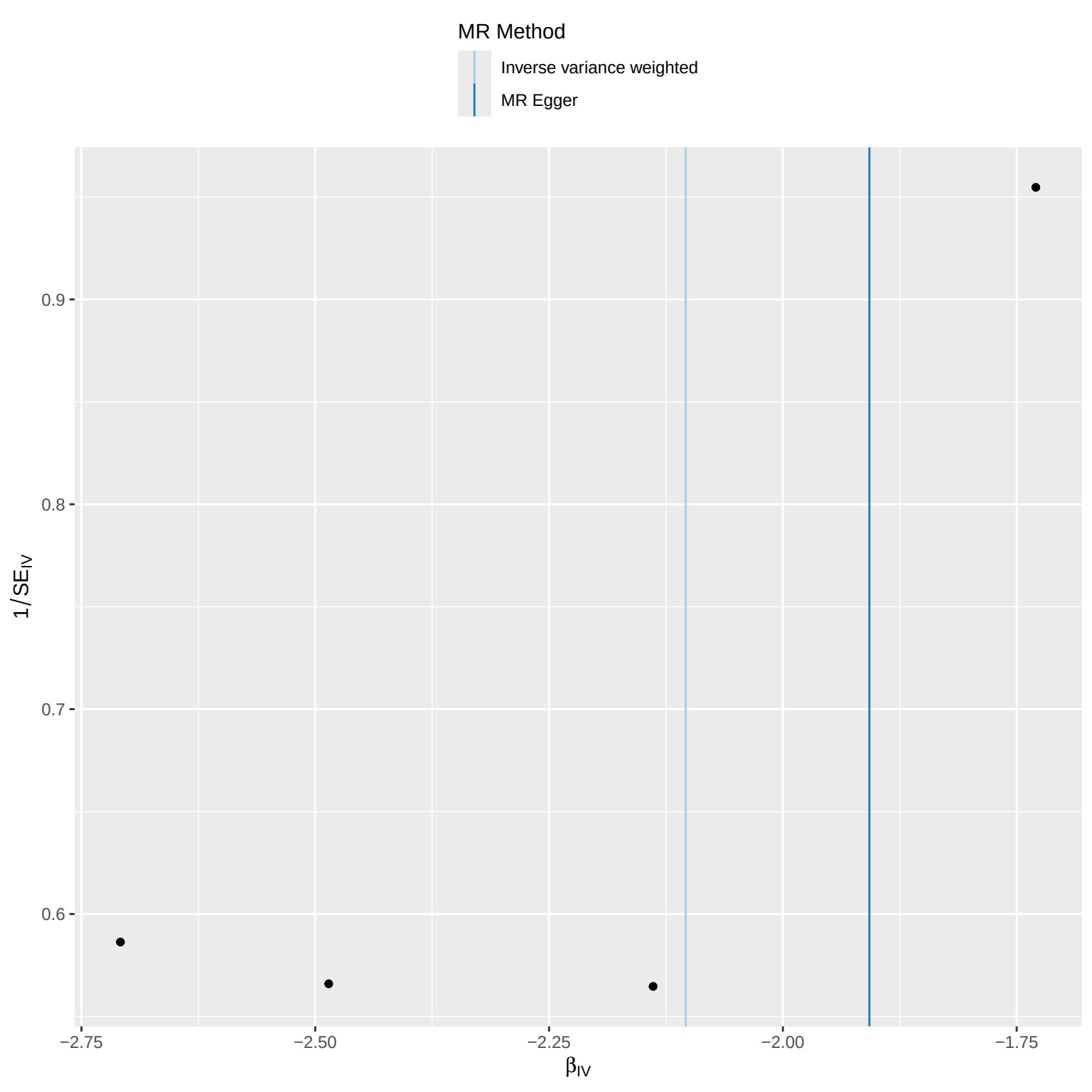

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
β_IV

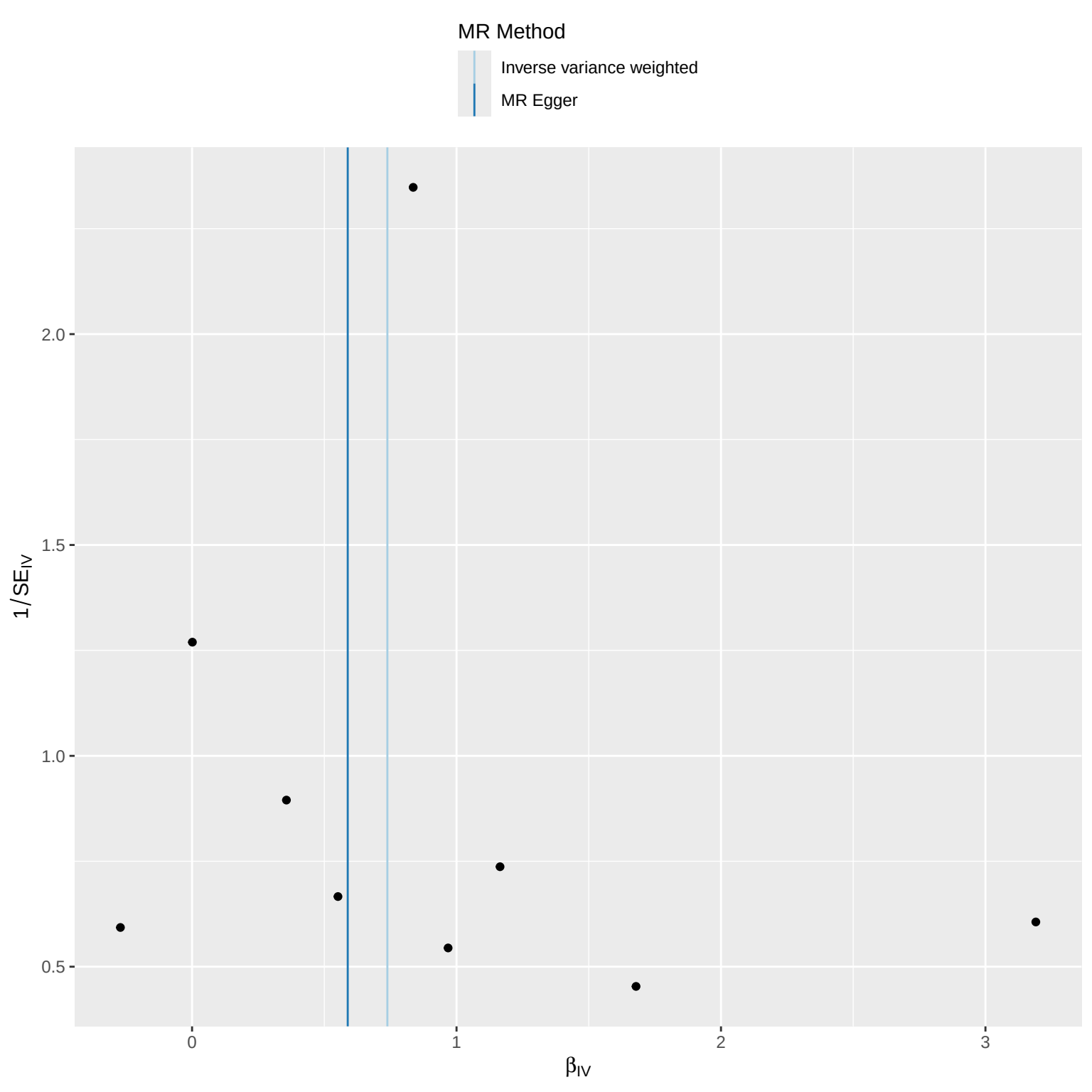

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

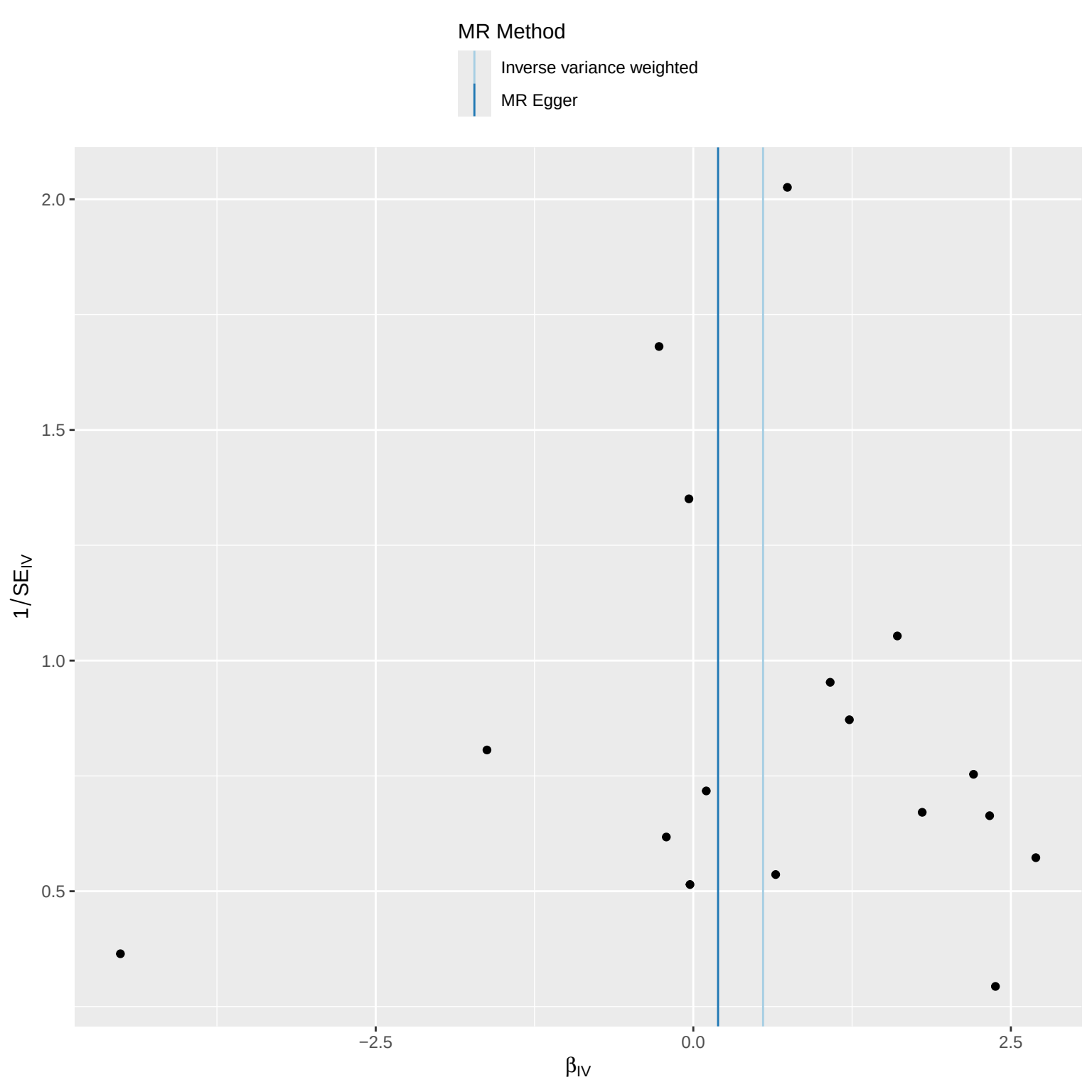

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

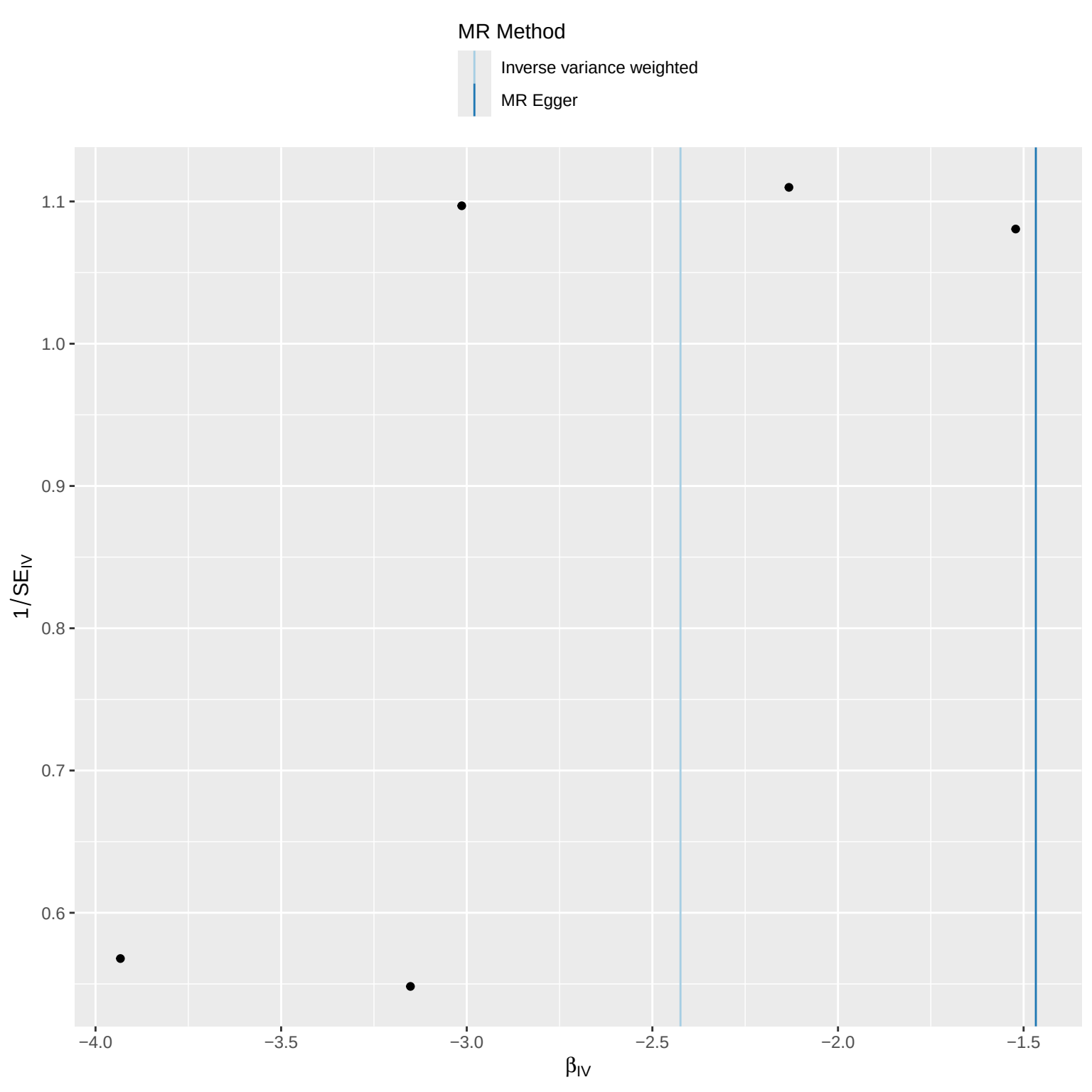

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−4
−2
0
2
β_IV

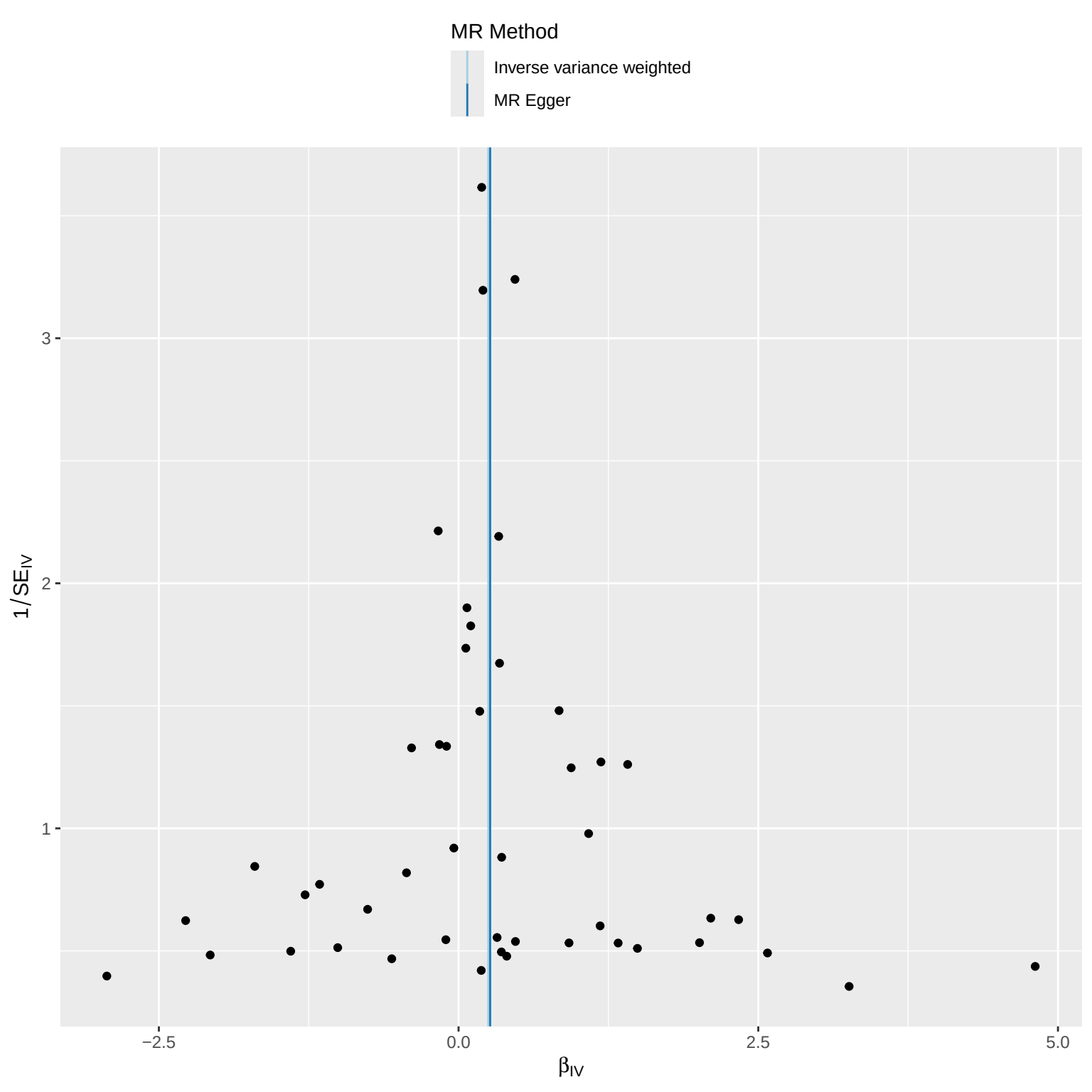

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
β_IV

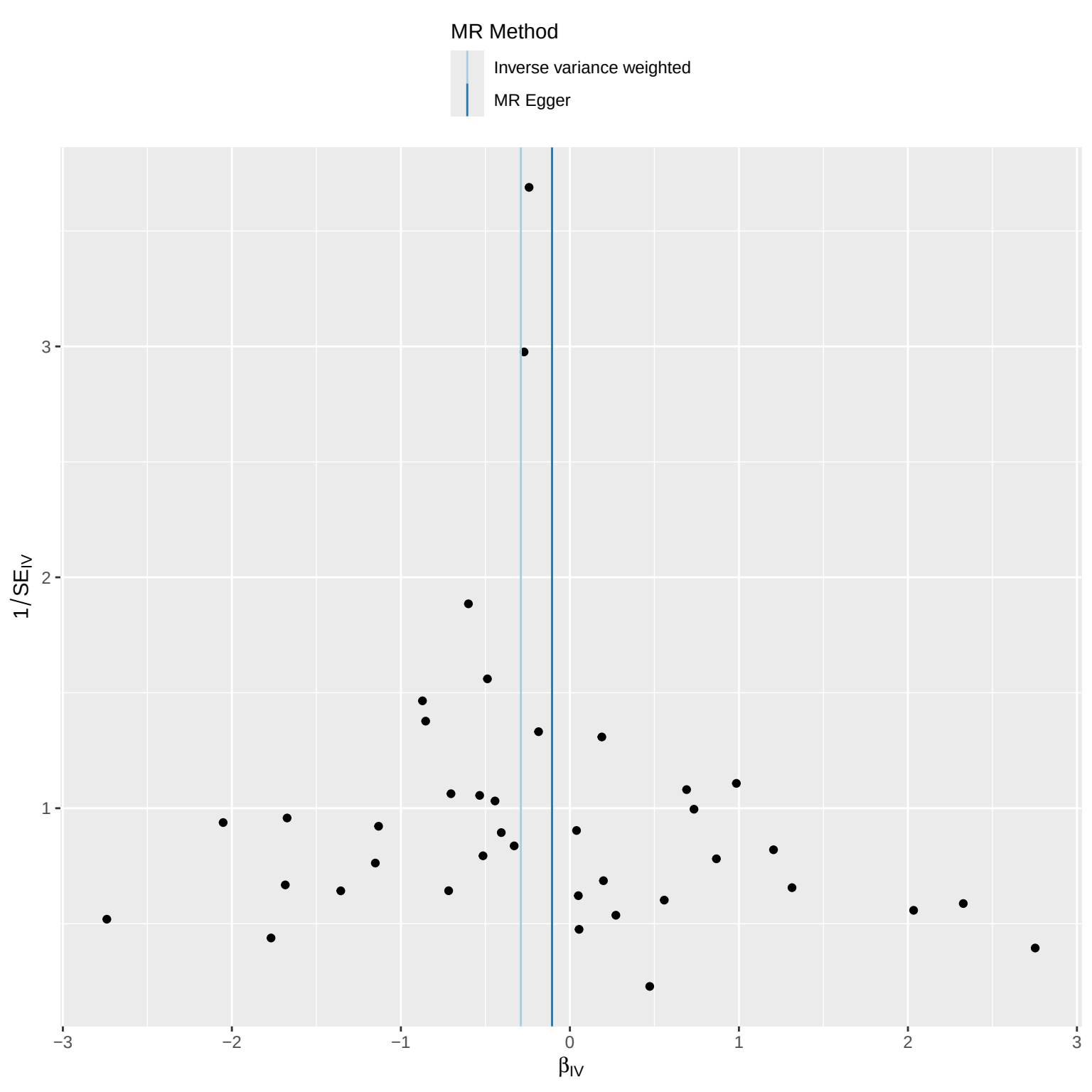

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
1/SE_IV
−2.75
−2.50
−2.25
−2.00
−1.75
β_IV

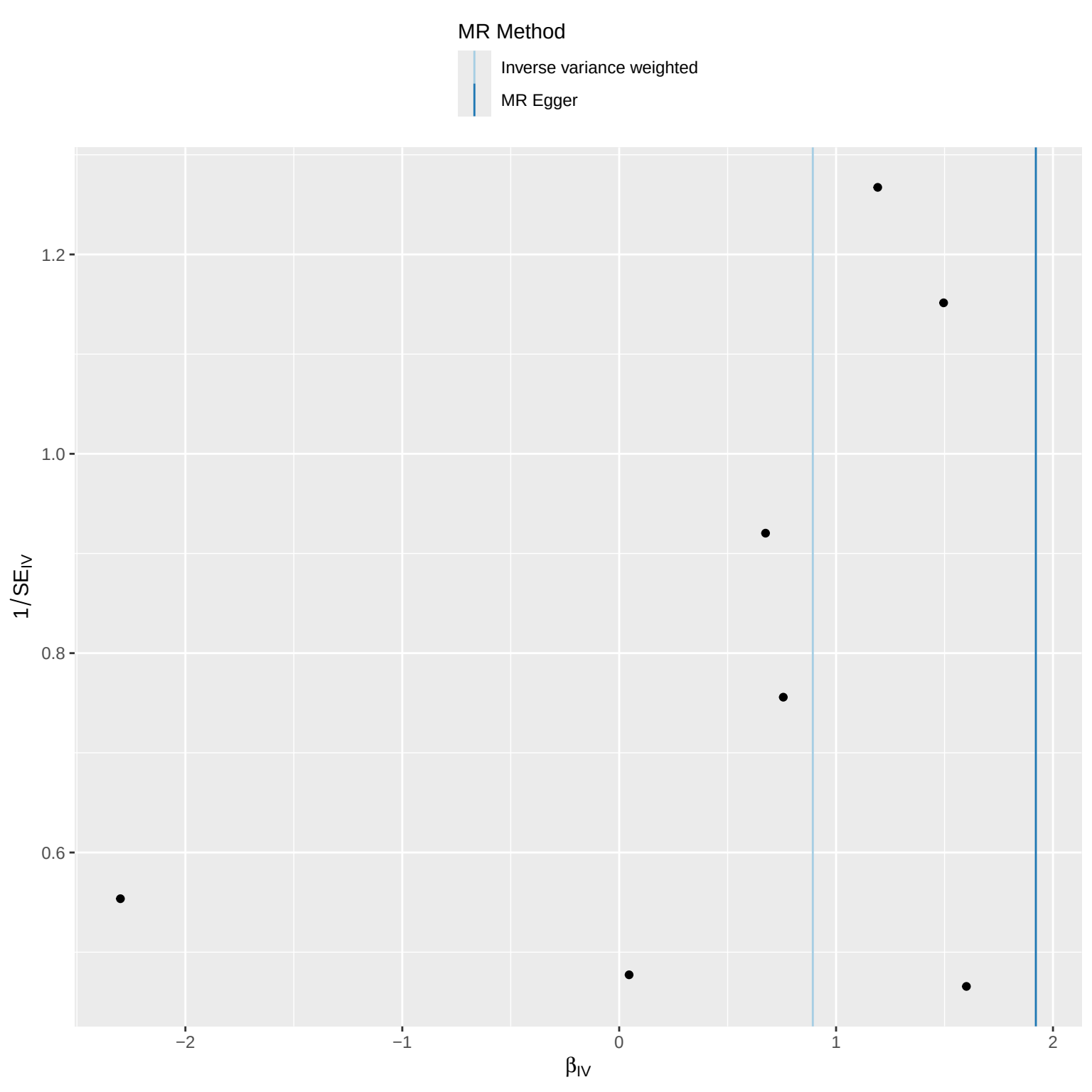

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

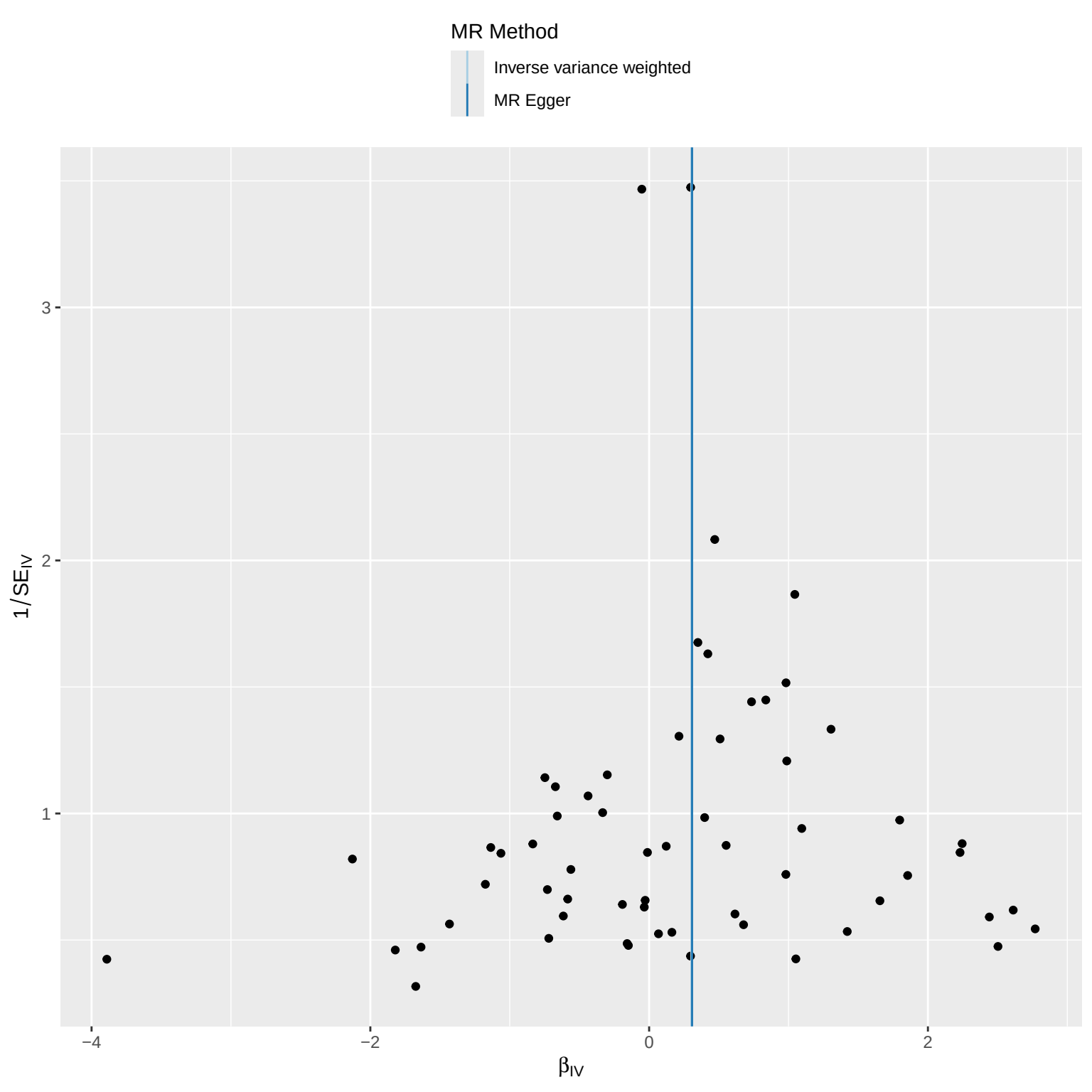

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

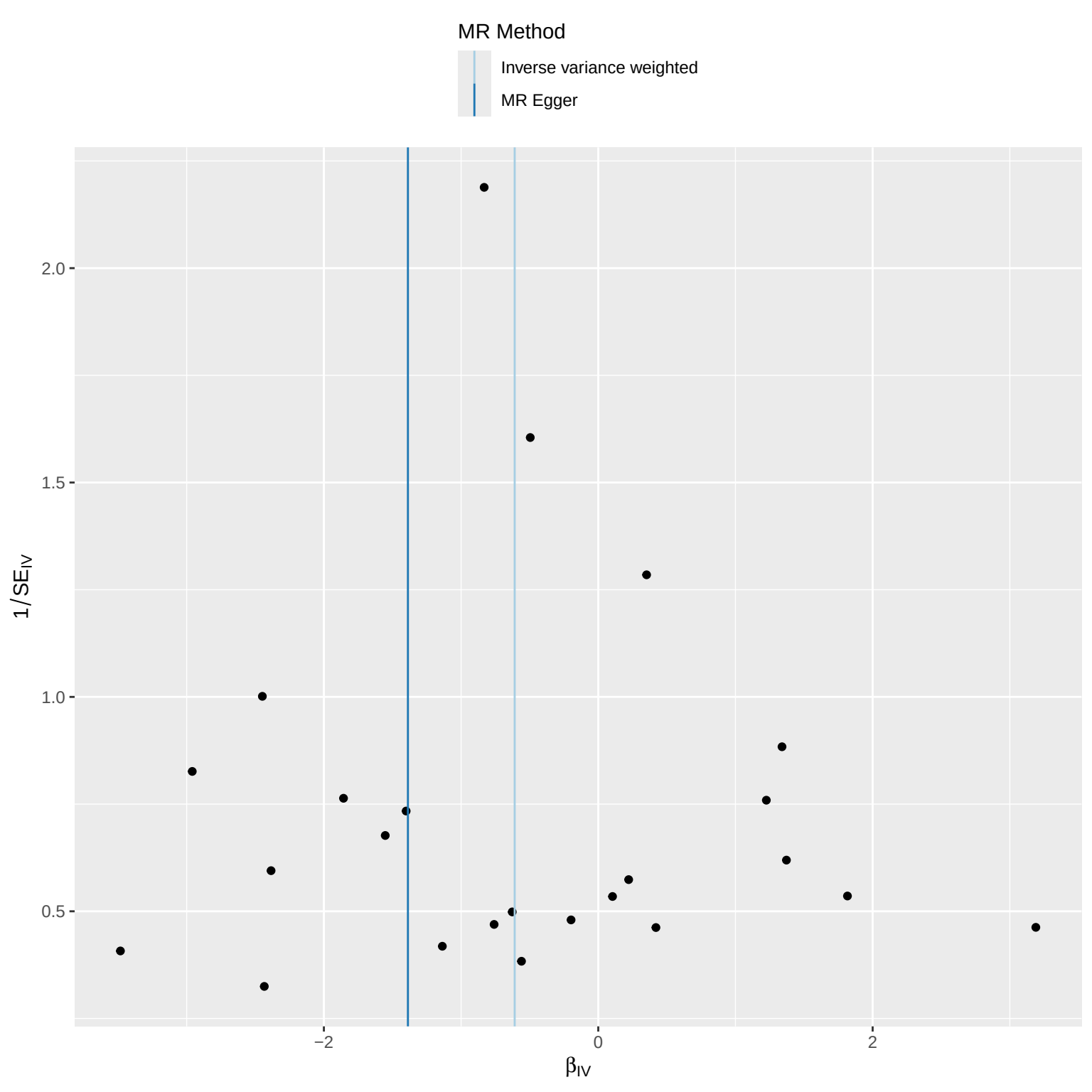

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
0.6
1/SE_IV
−4.0
−3.5
−3.0
−2.5
−2.0
−1.5
β_IV

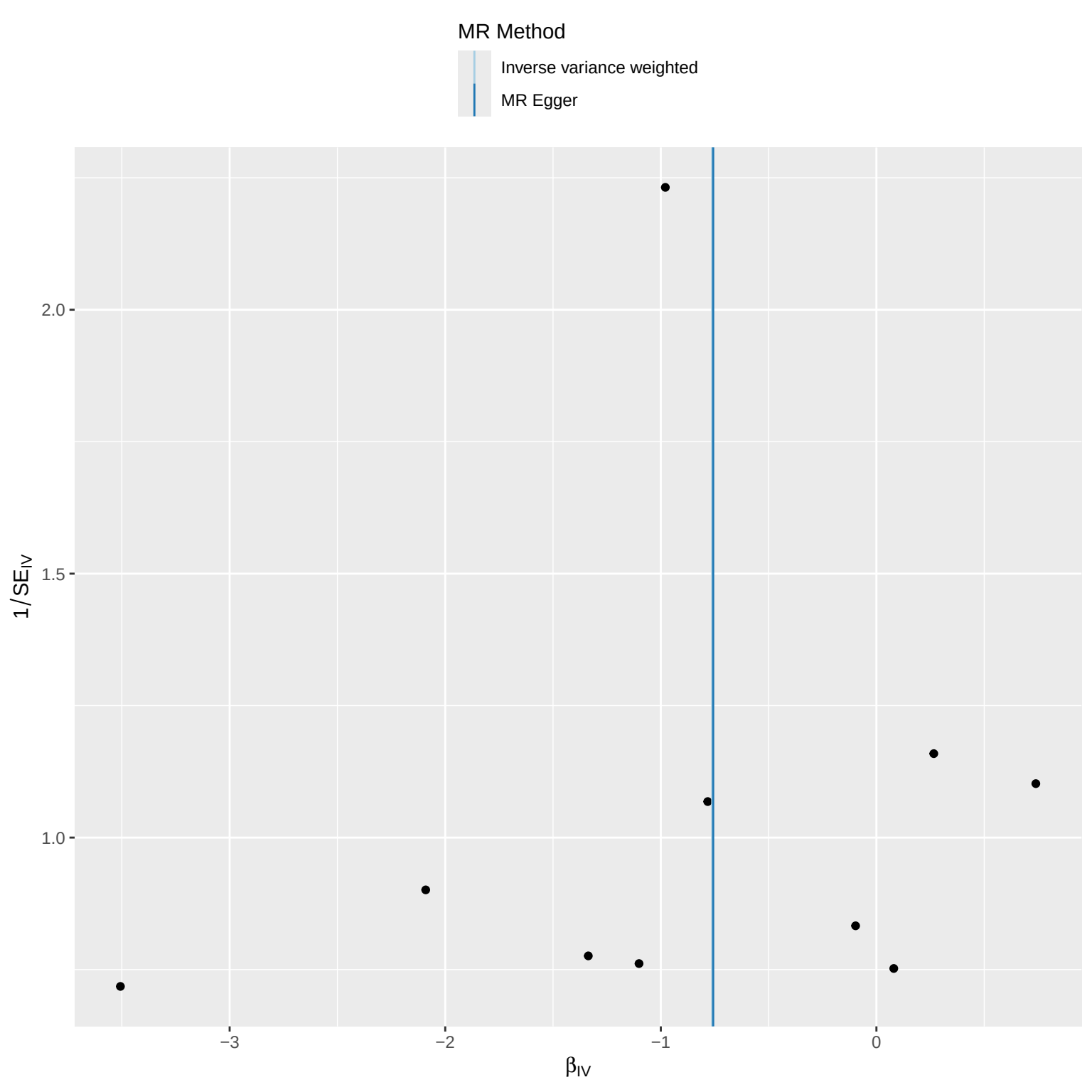

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

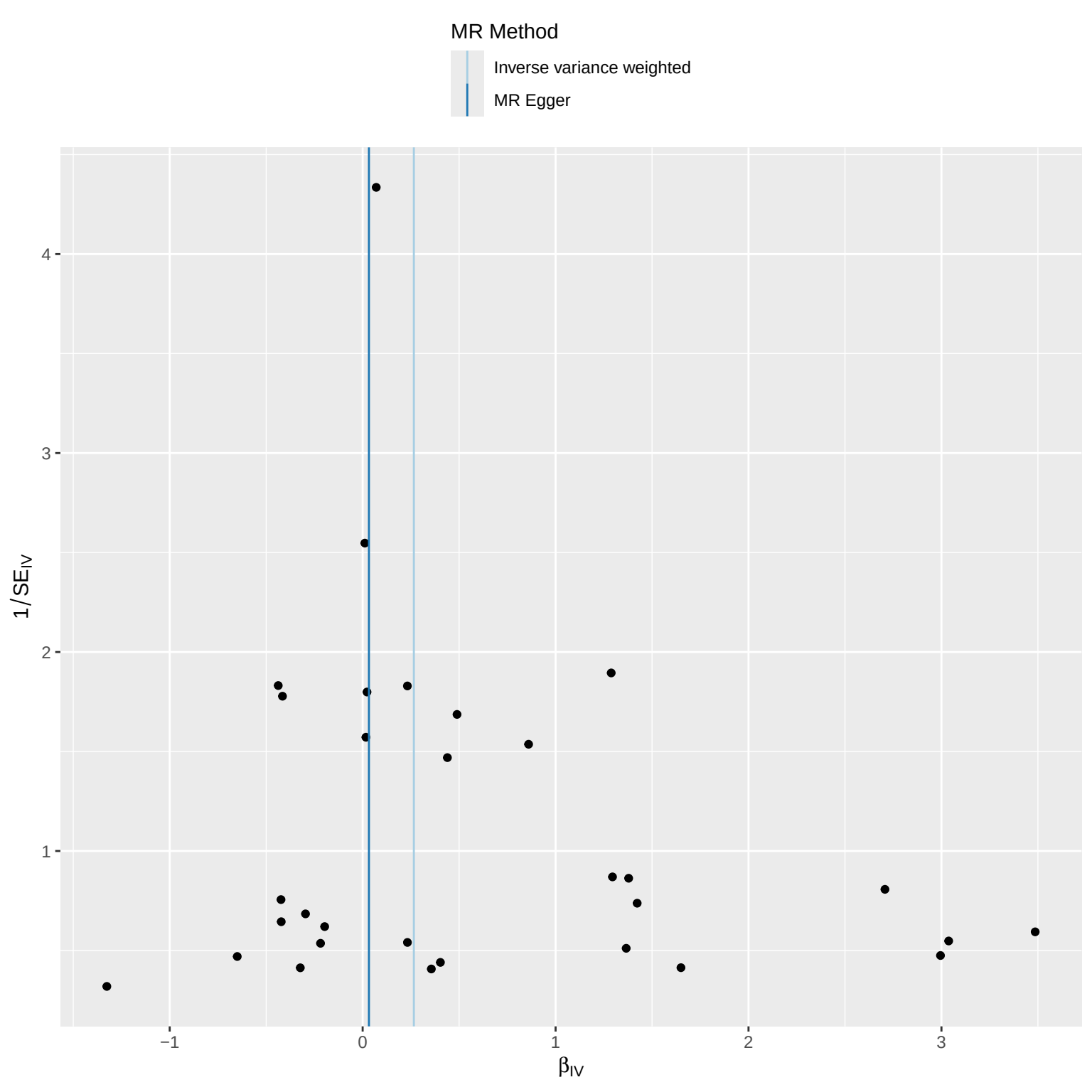

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−3
−2
−1
0
1
2
3
β_IV

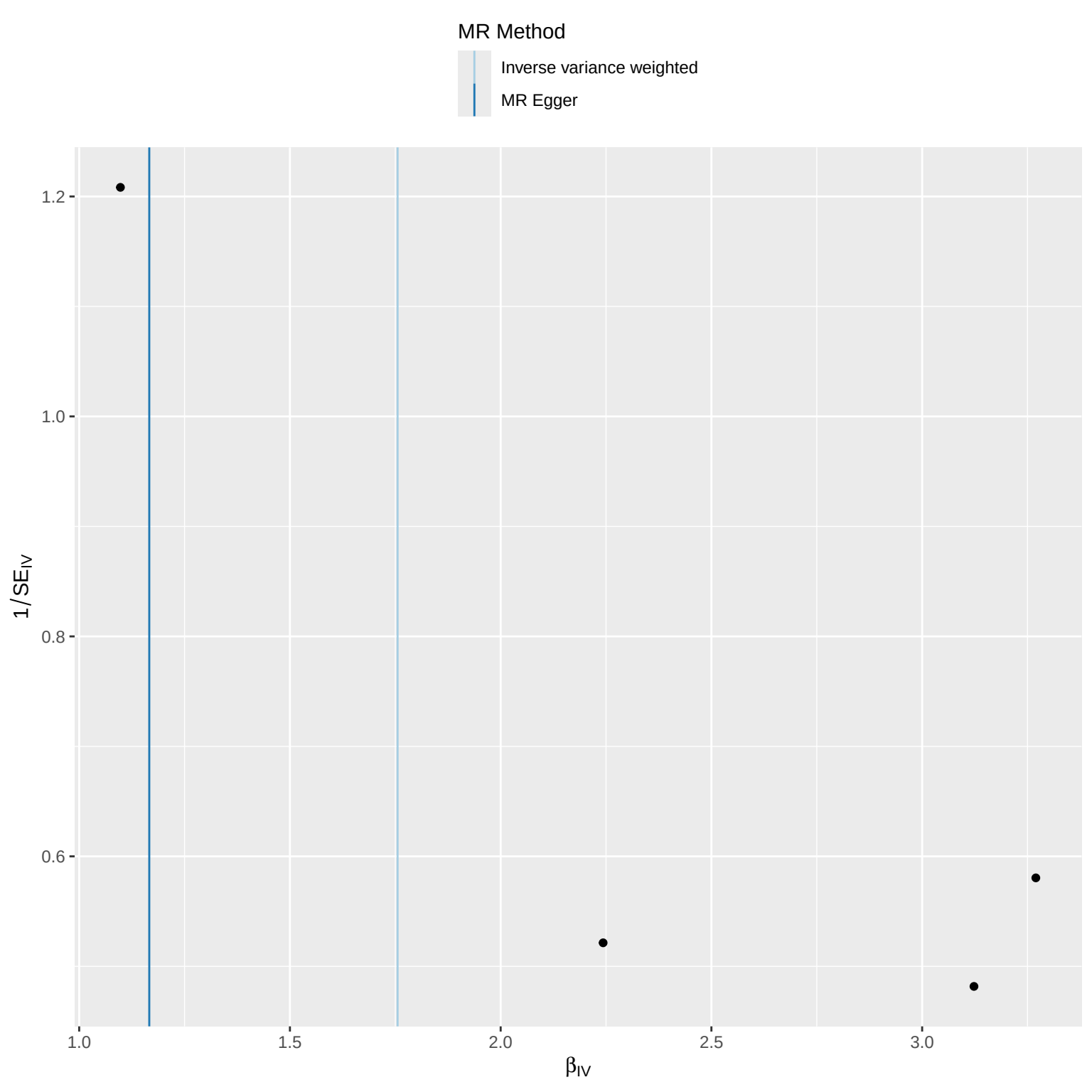

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2
−1
0
1
2
β_IV

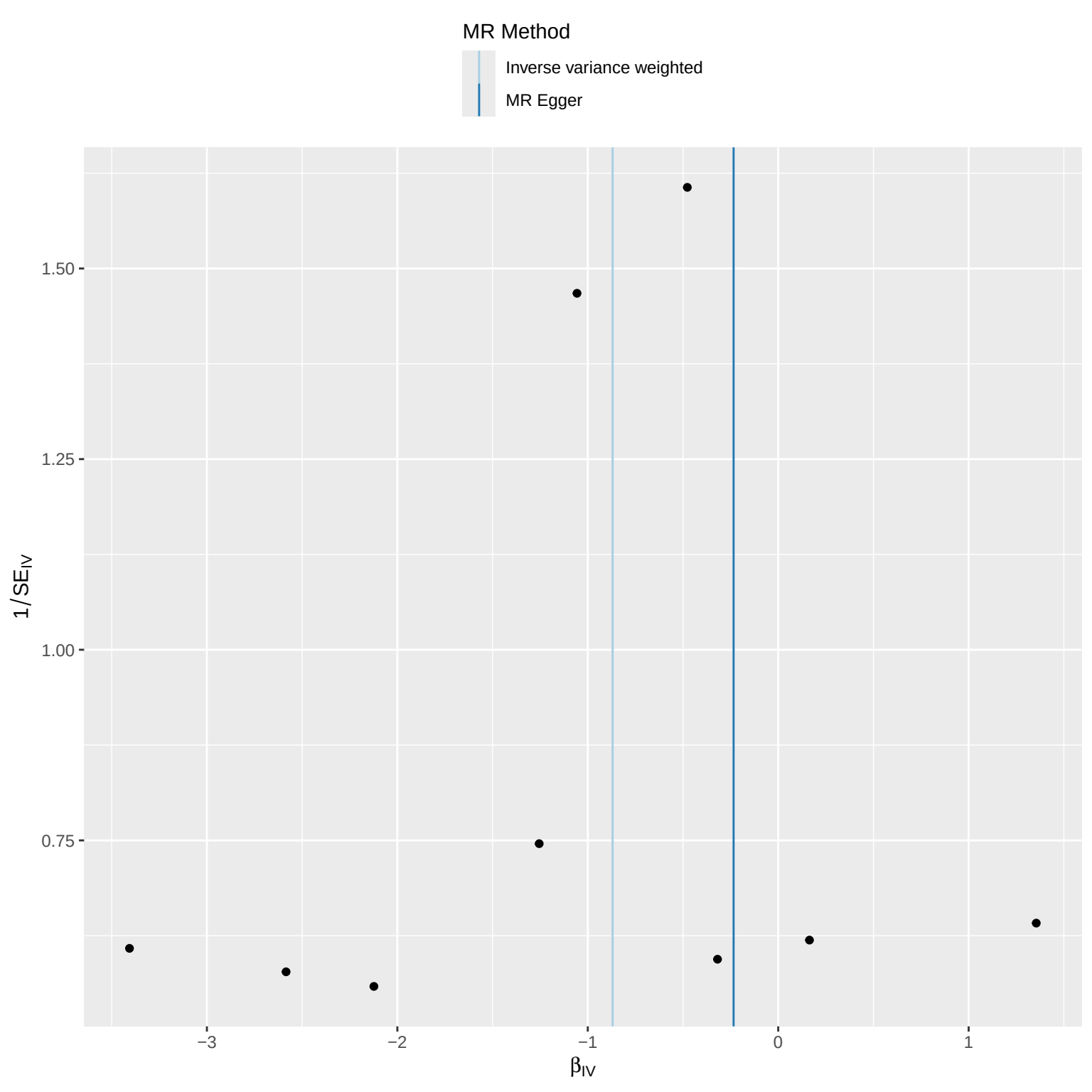

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

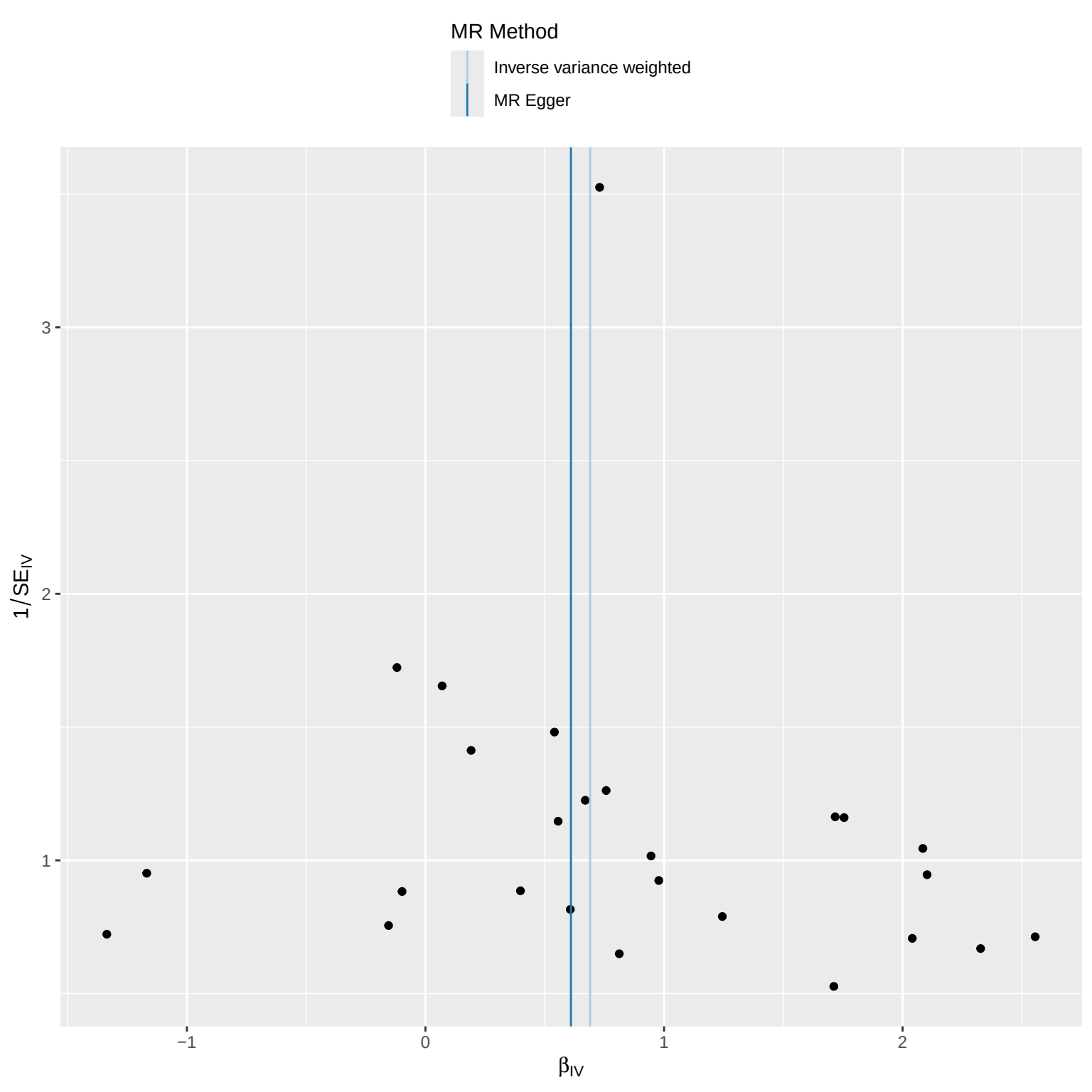

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

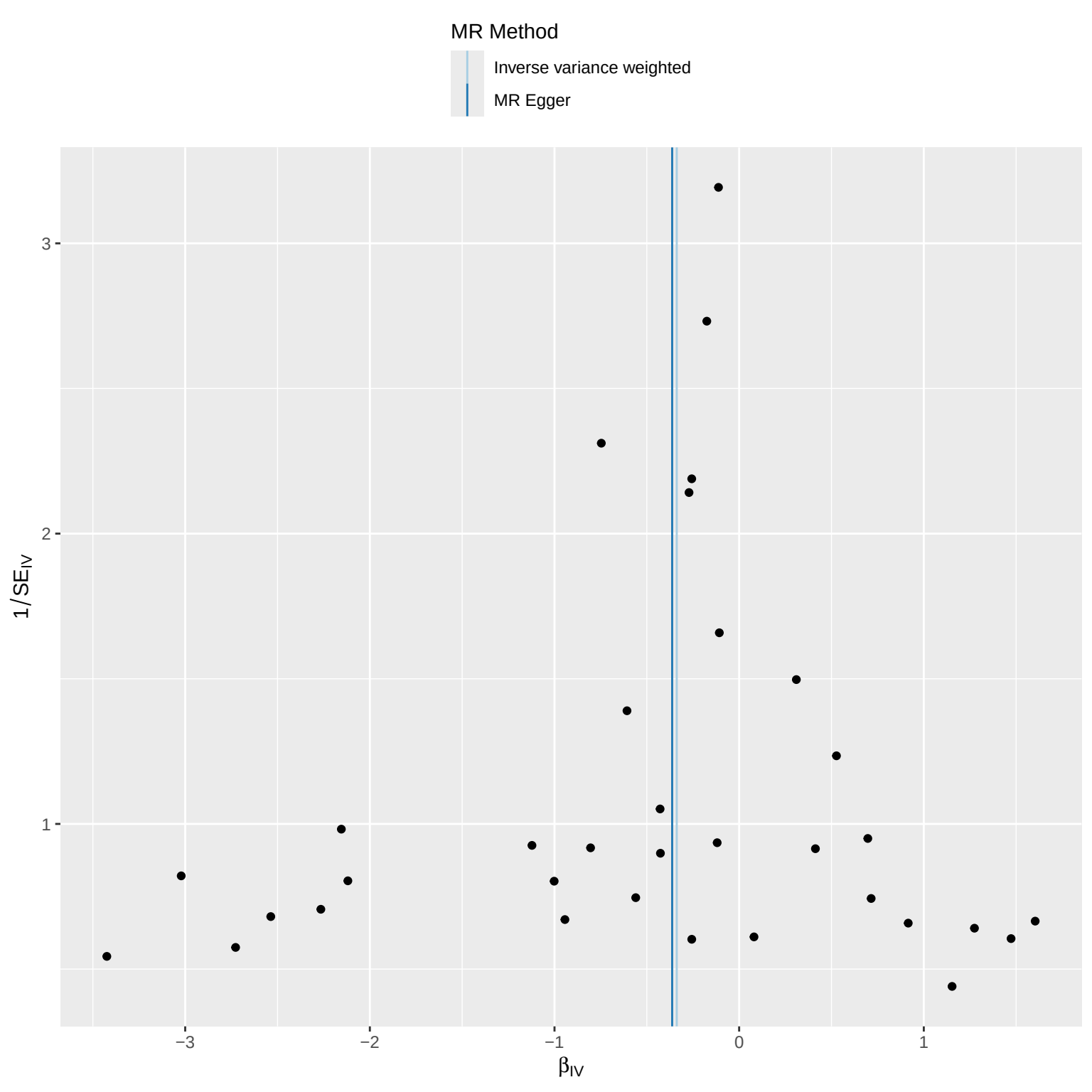

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

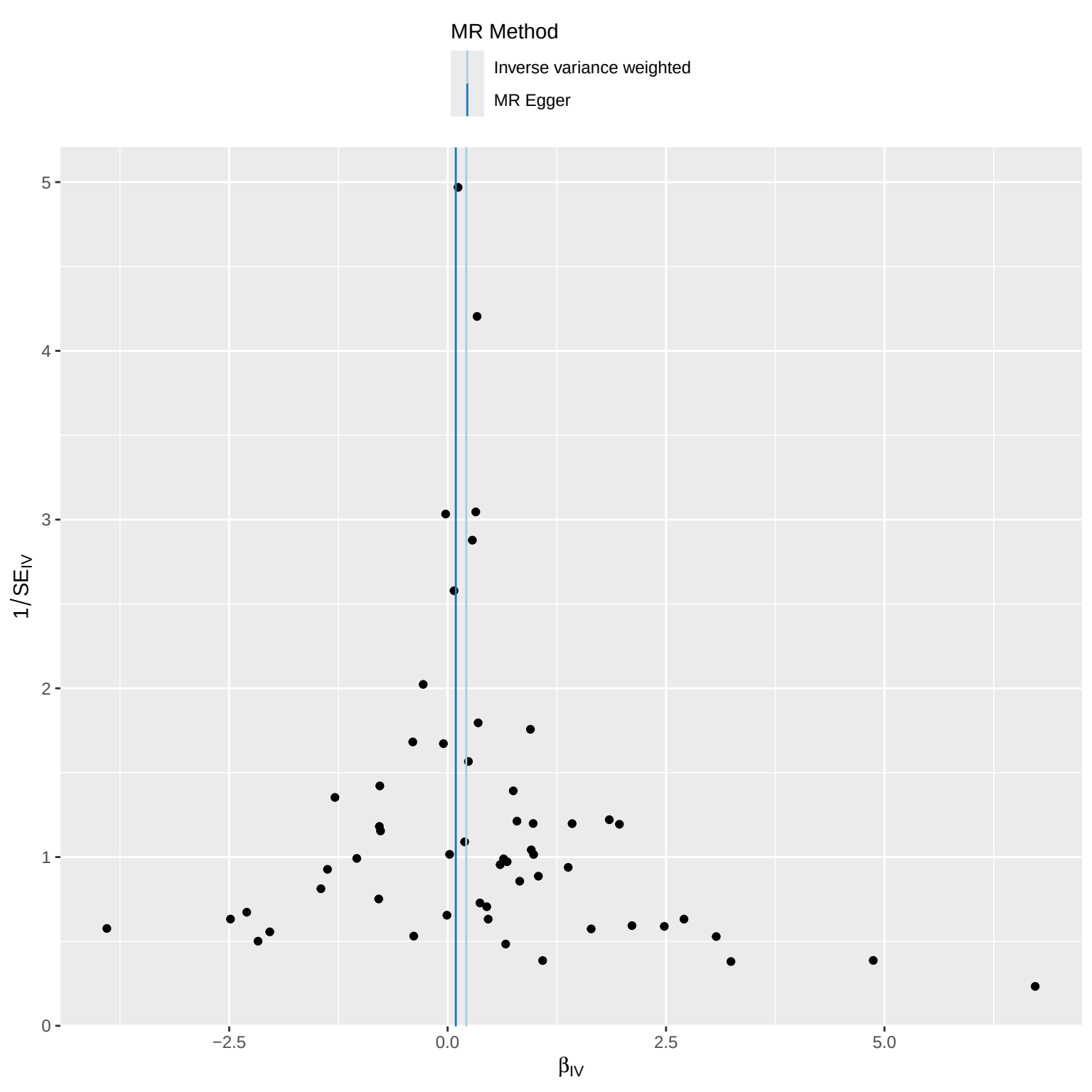

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

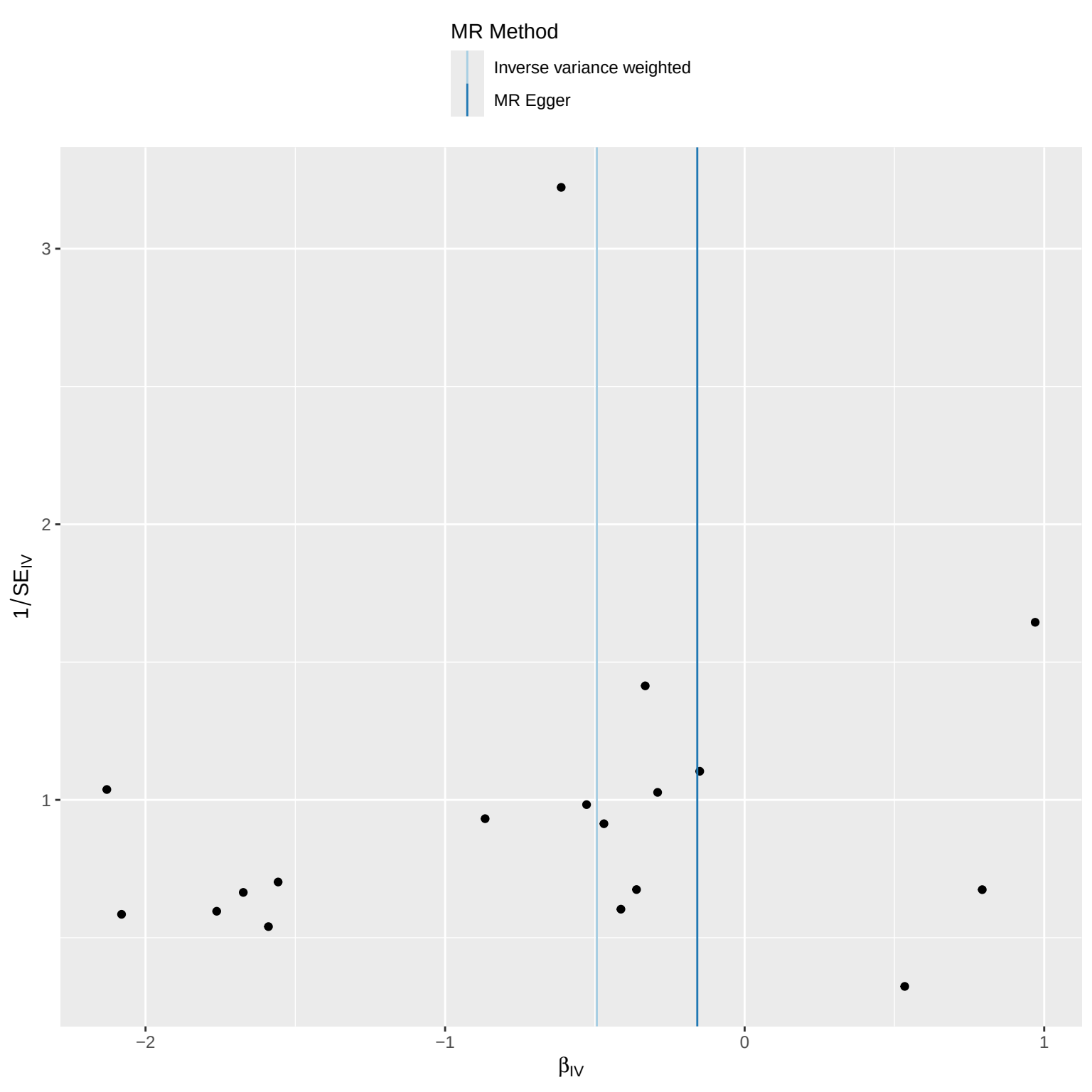

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
1.0
1.5
2.0
2.5
3.0
β_IV

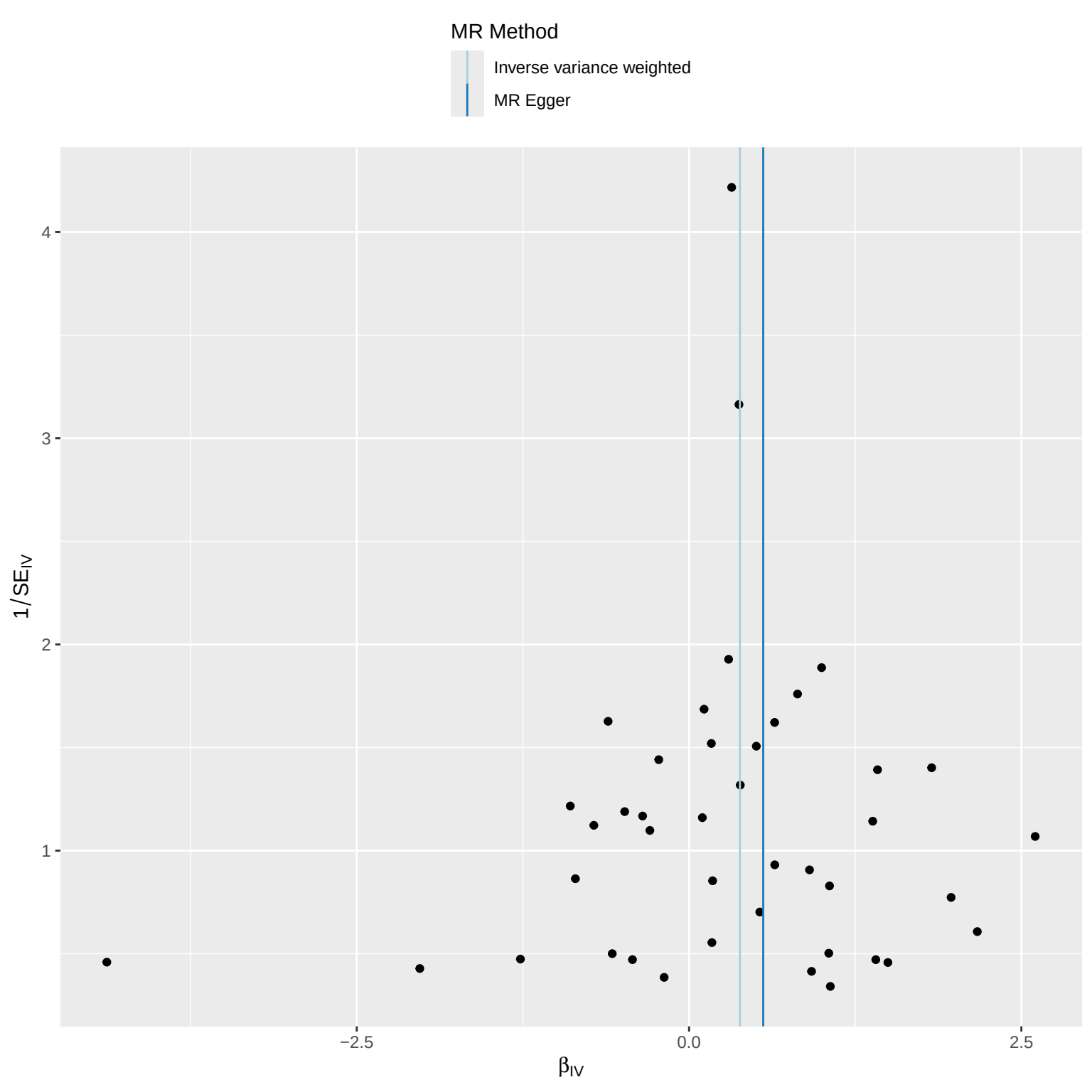

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−3
−2
−1
0
1
β_IV

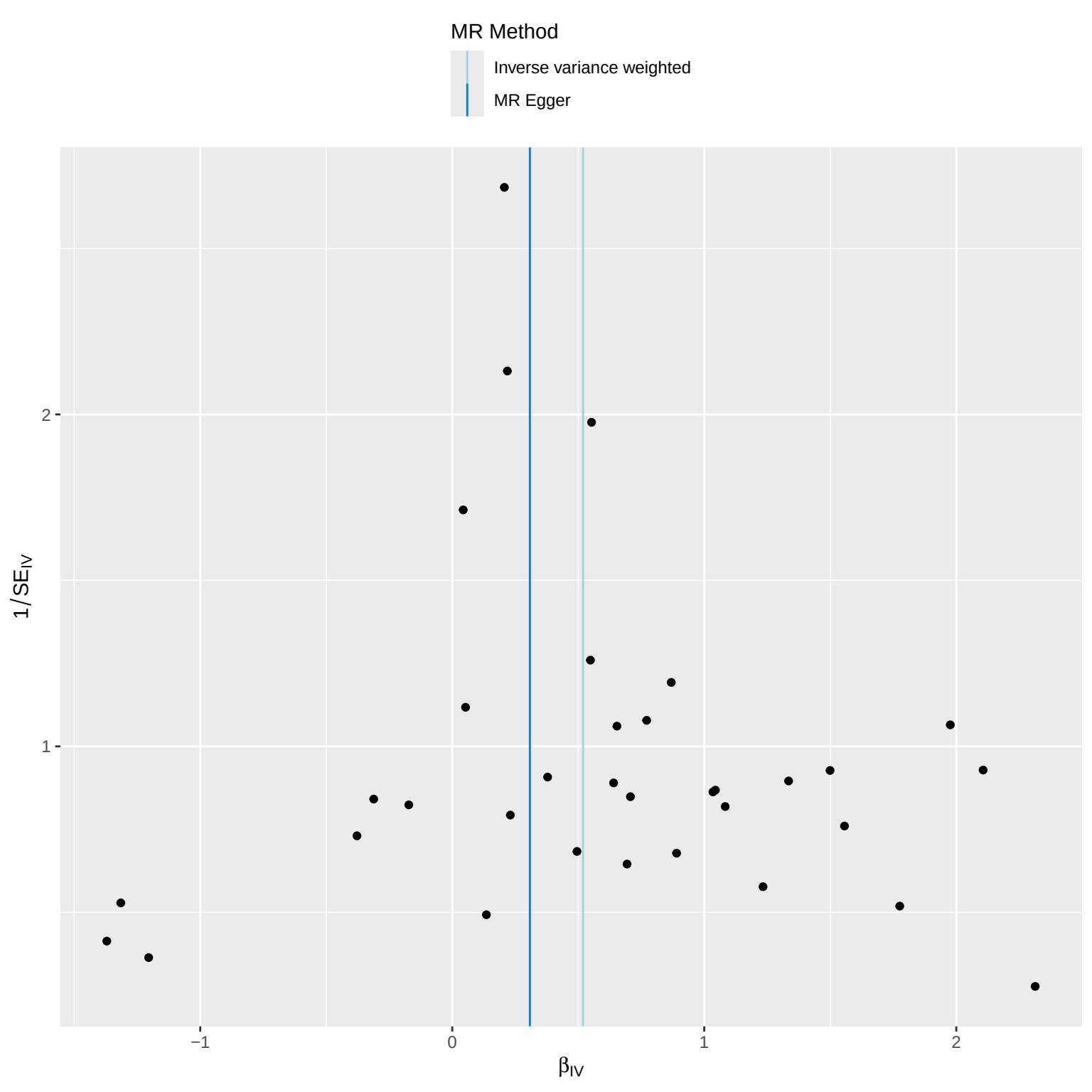

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

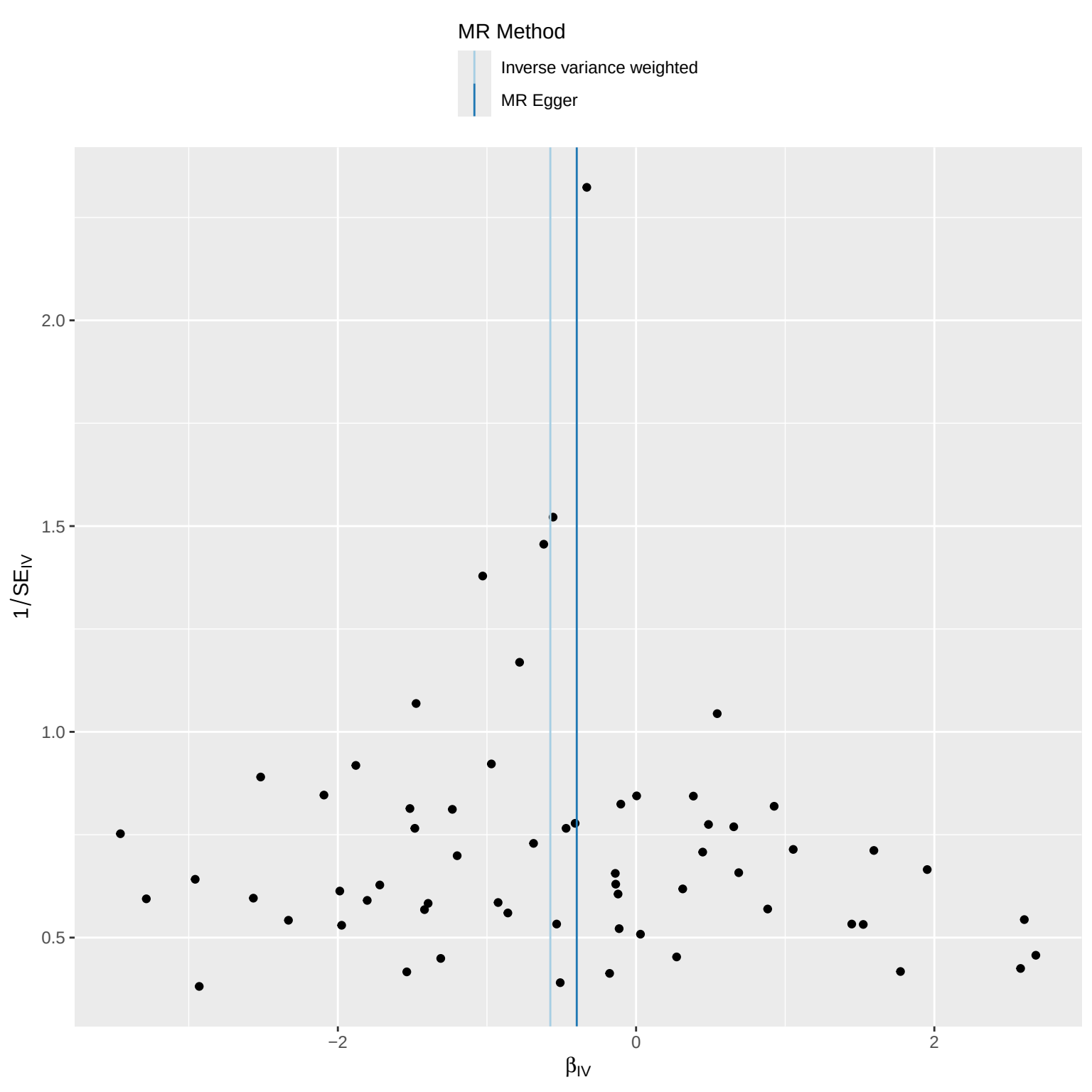

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

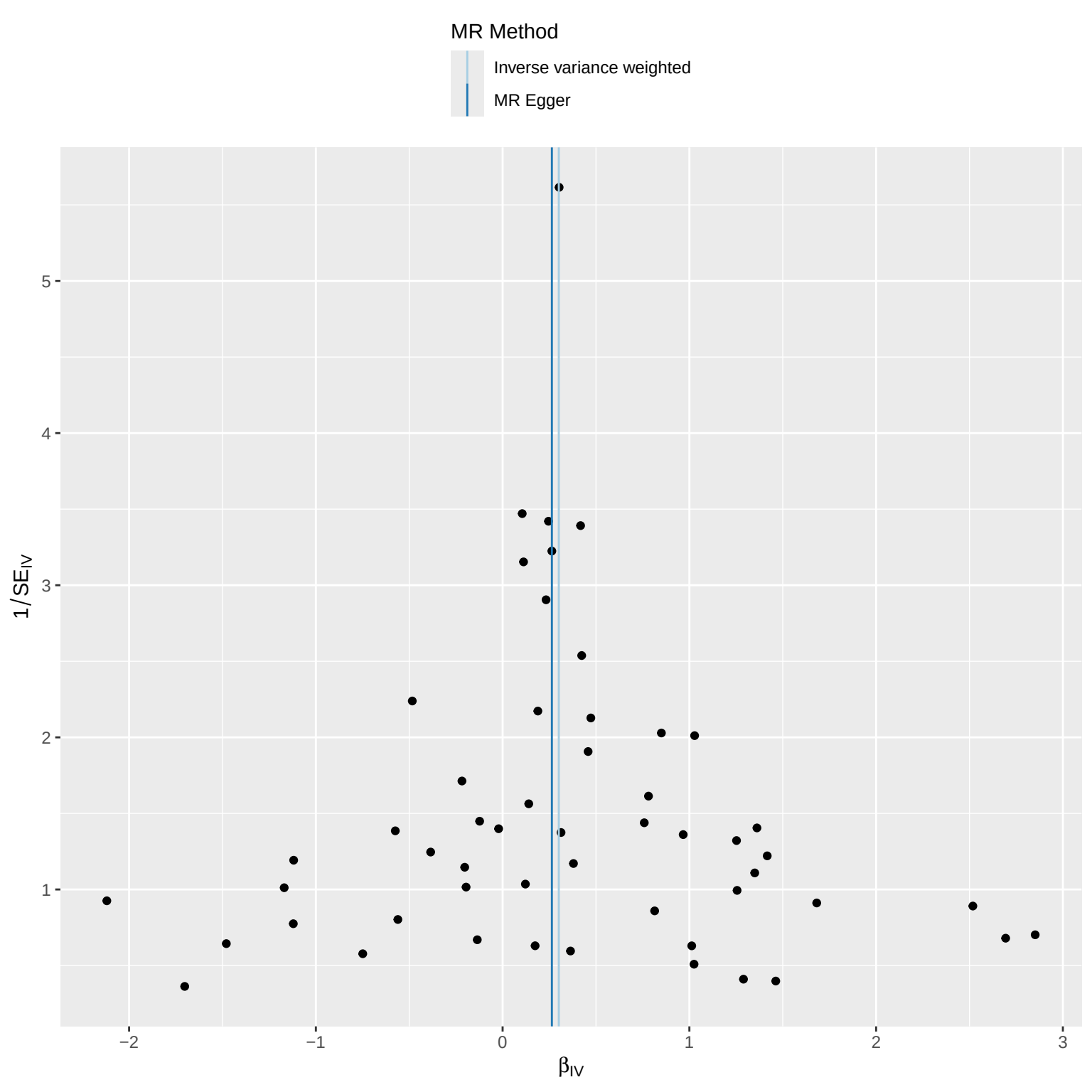

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

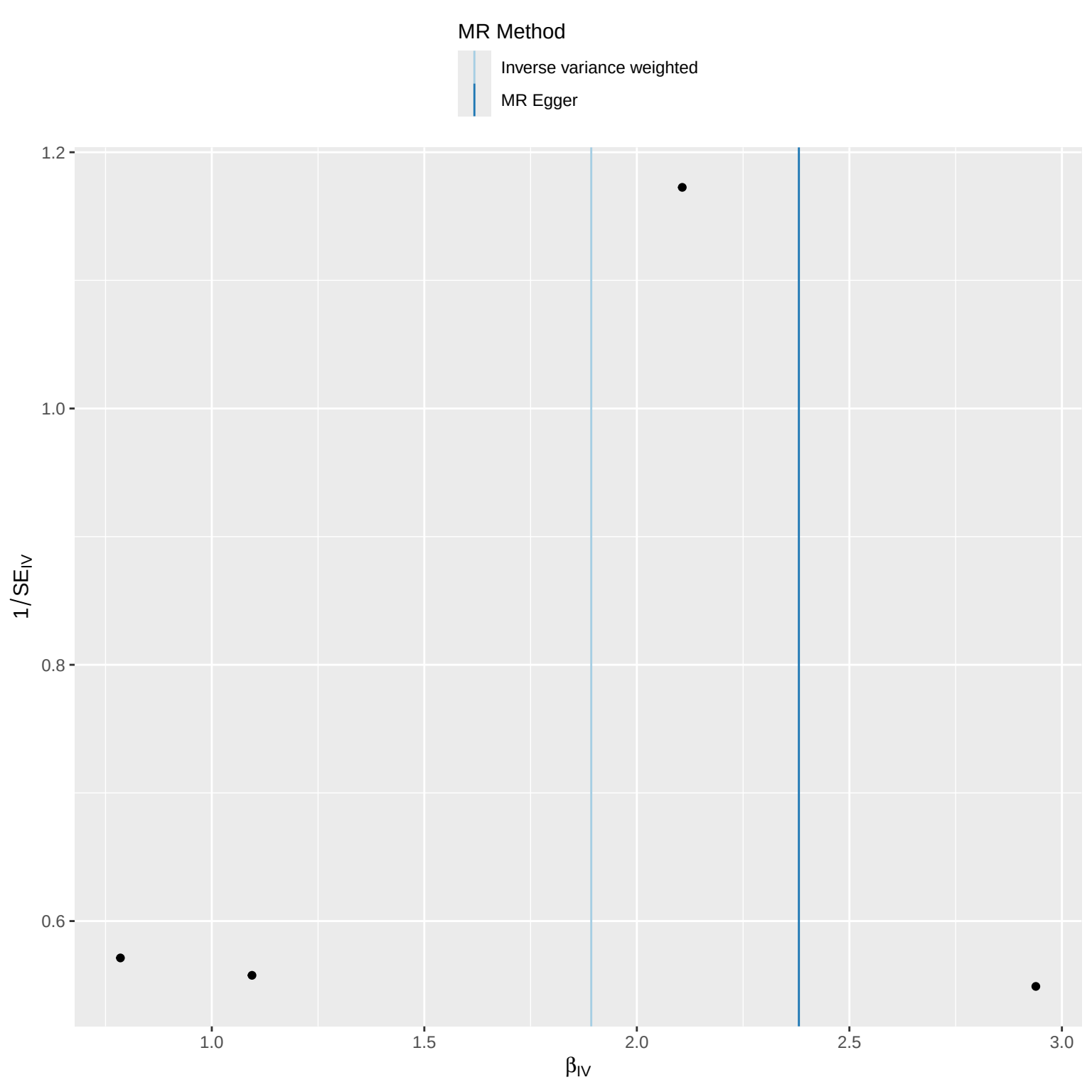

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

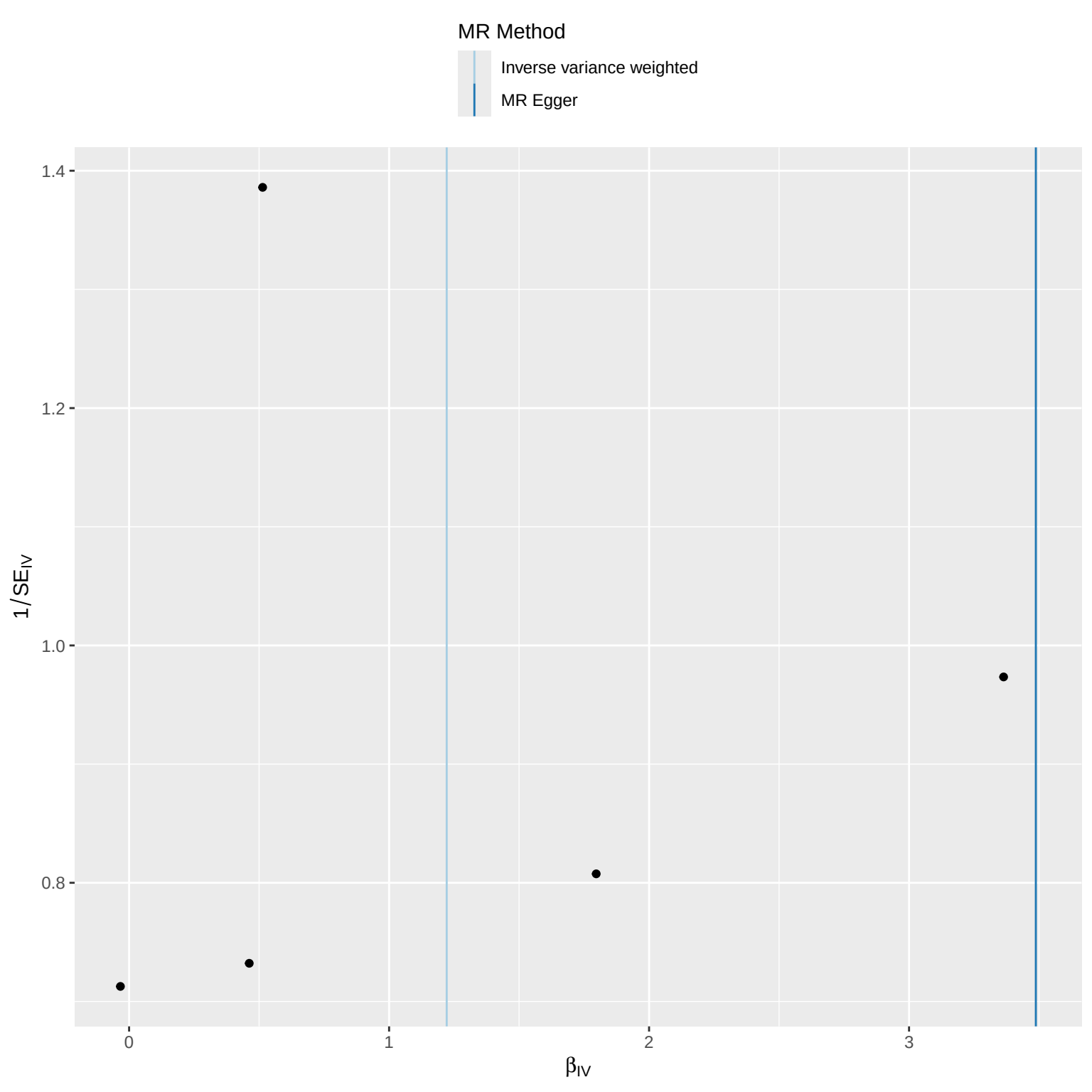

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

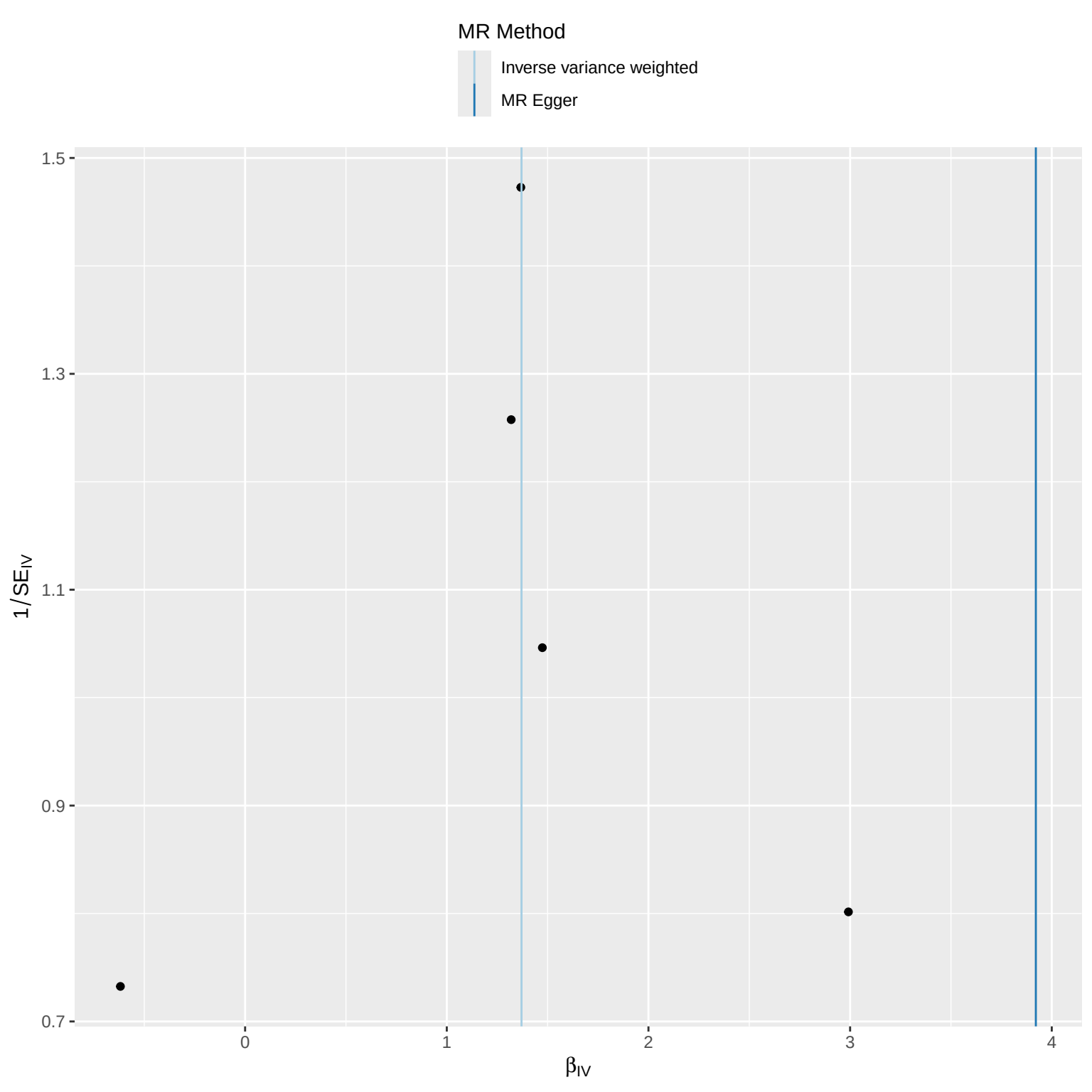

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

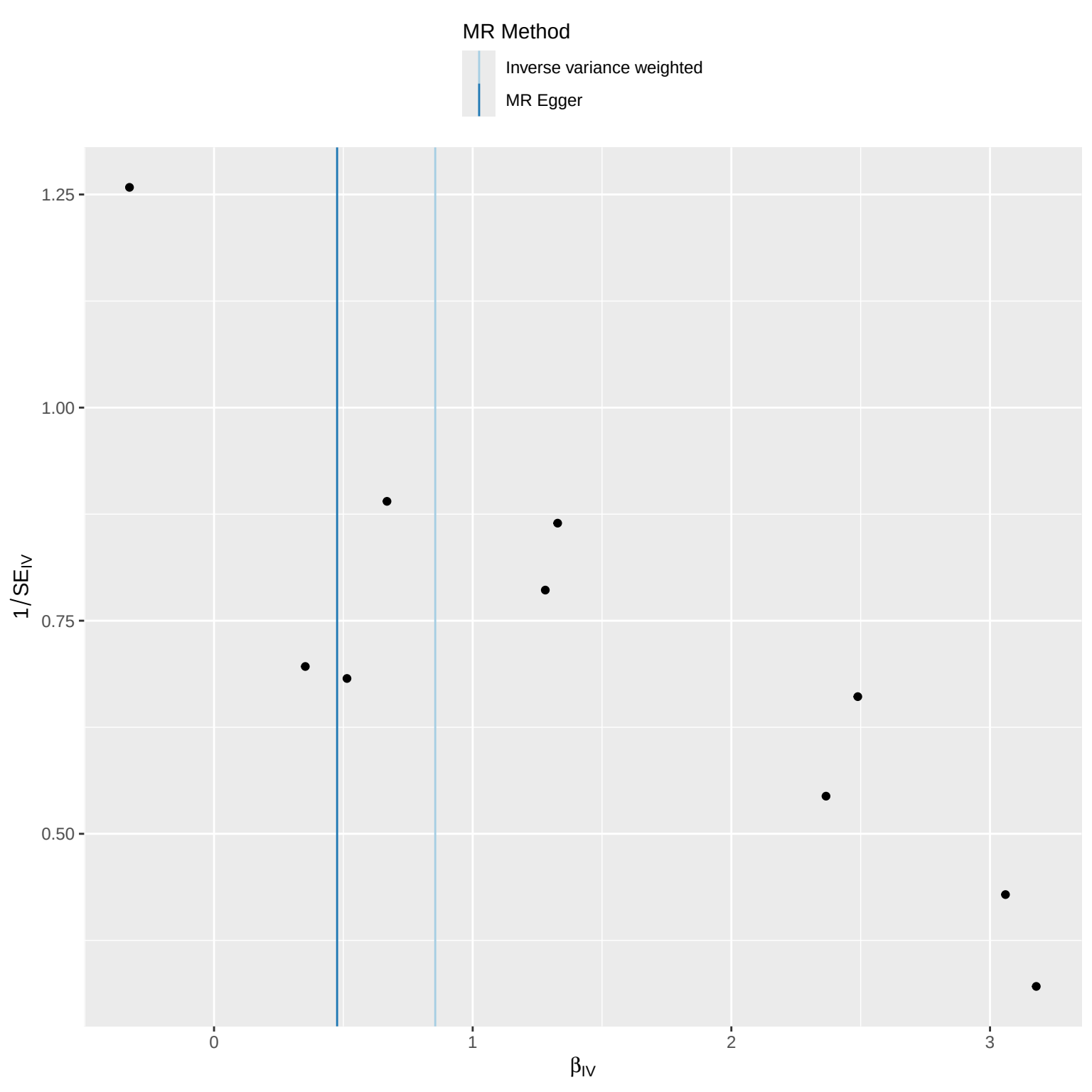

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

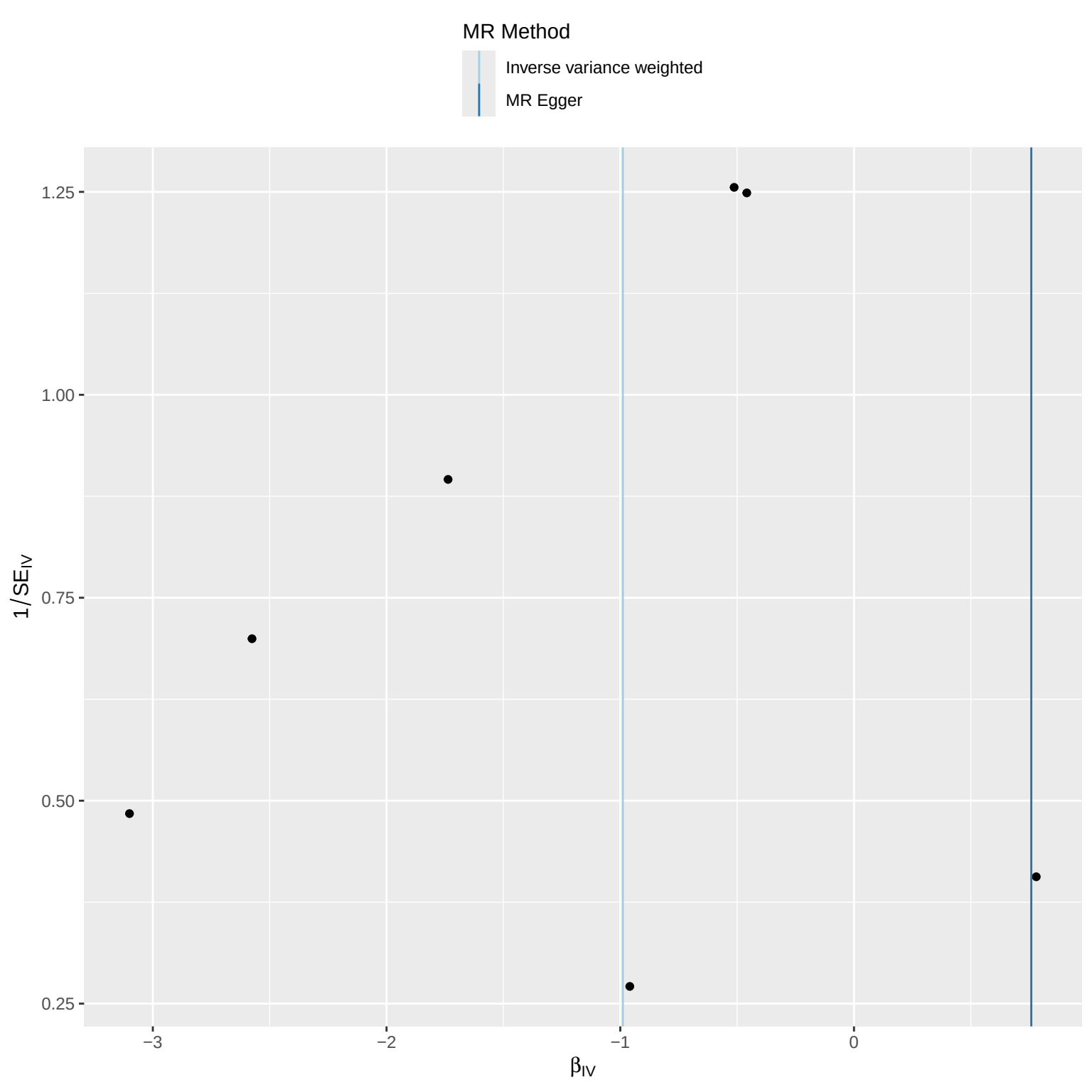

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2
3

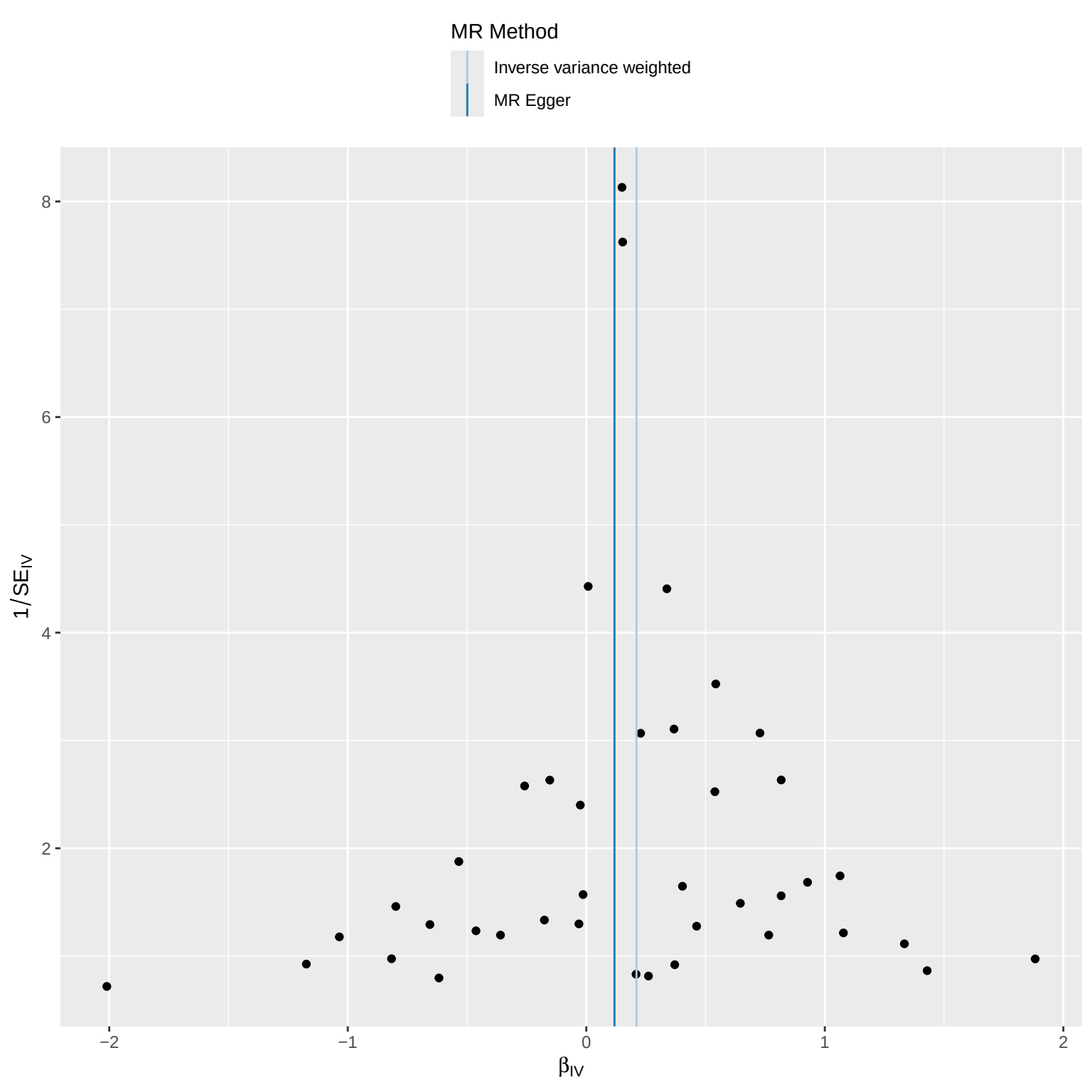

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
1.0
1.5
2.0
2.5
3.0
β_IV

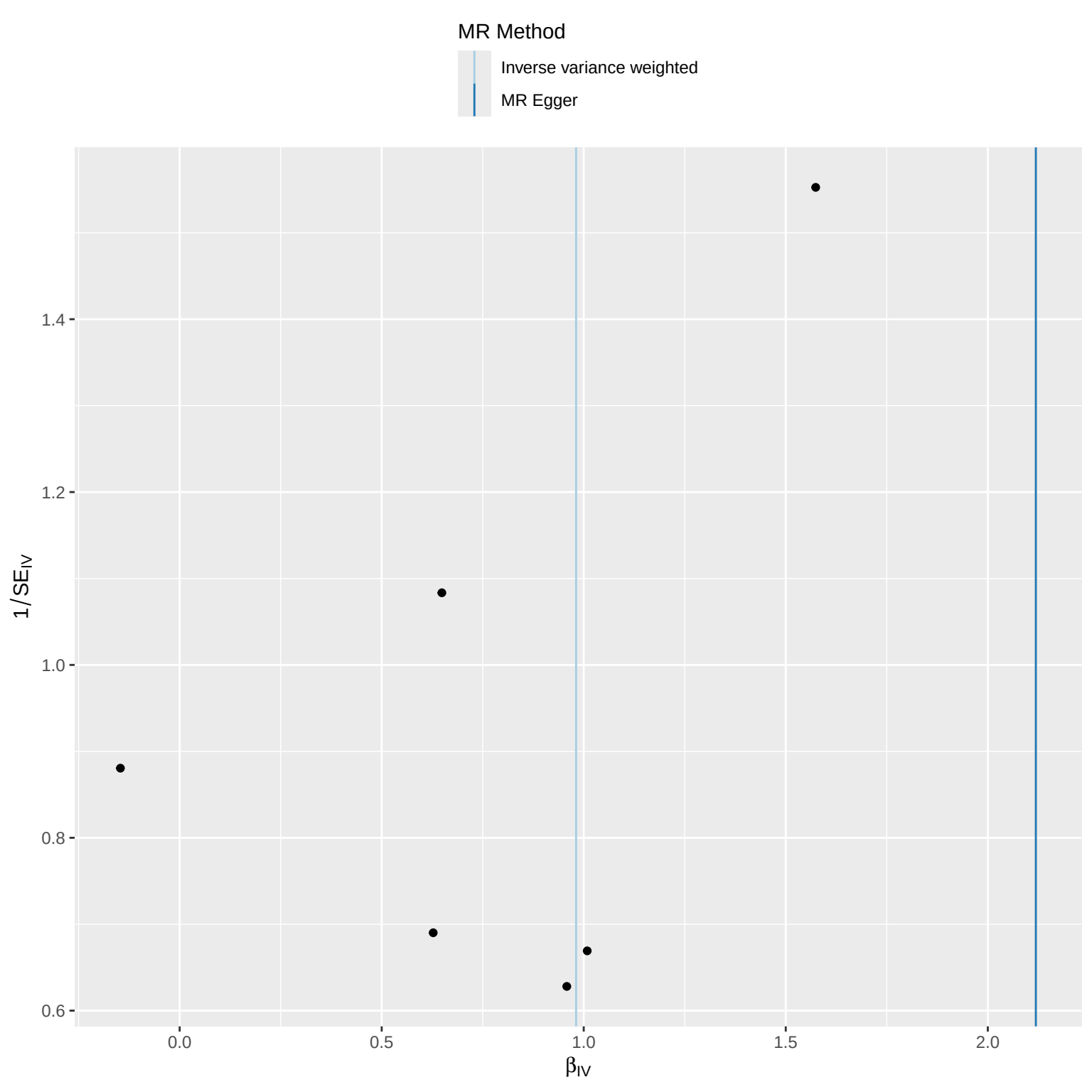

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
0
1
2
3
β_IV

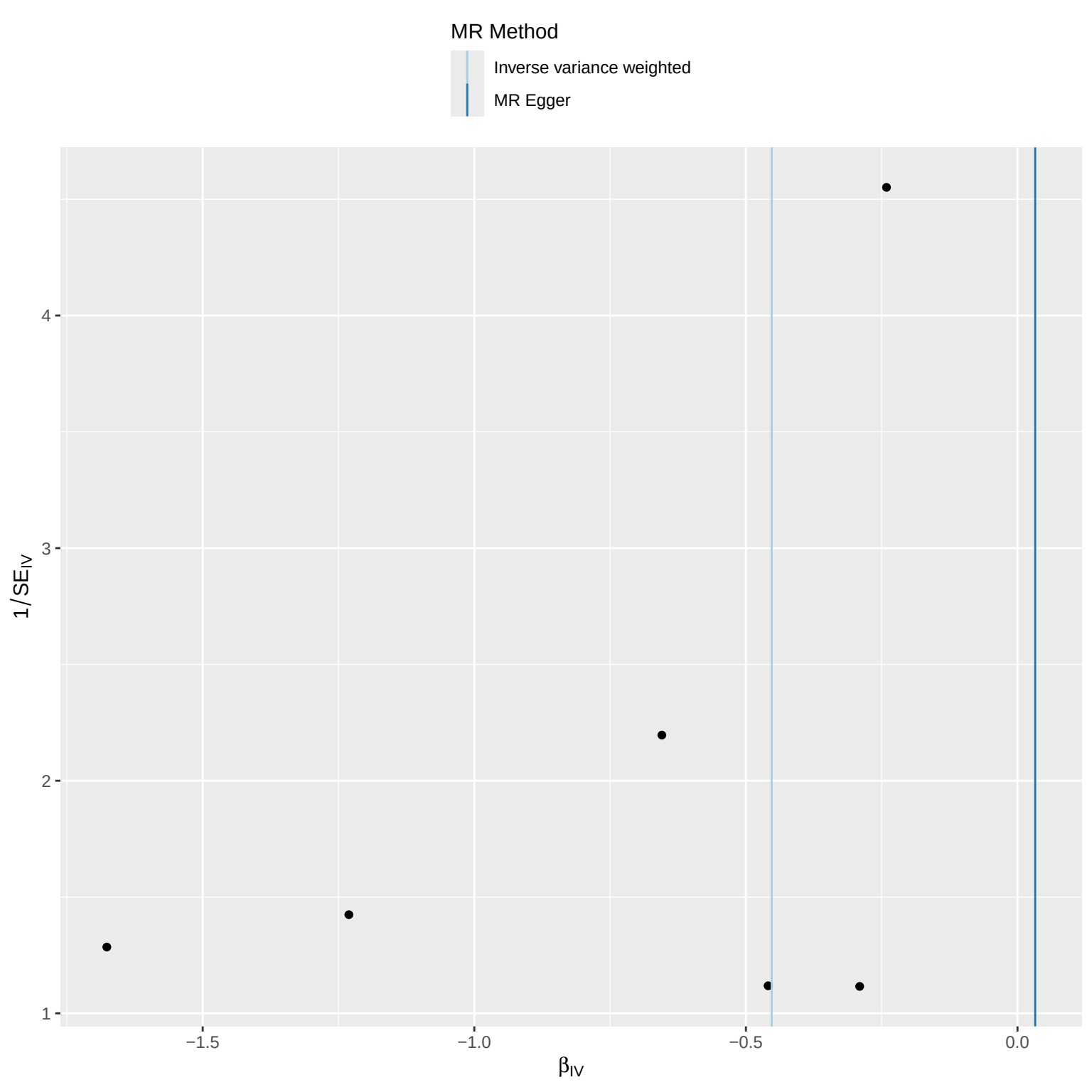

MR Method
Inverse variance weighted
MR Egger
1.5
1.3
1.1
0.9
0.7
1/SE_IV
0
1
2
3
4
β_IV

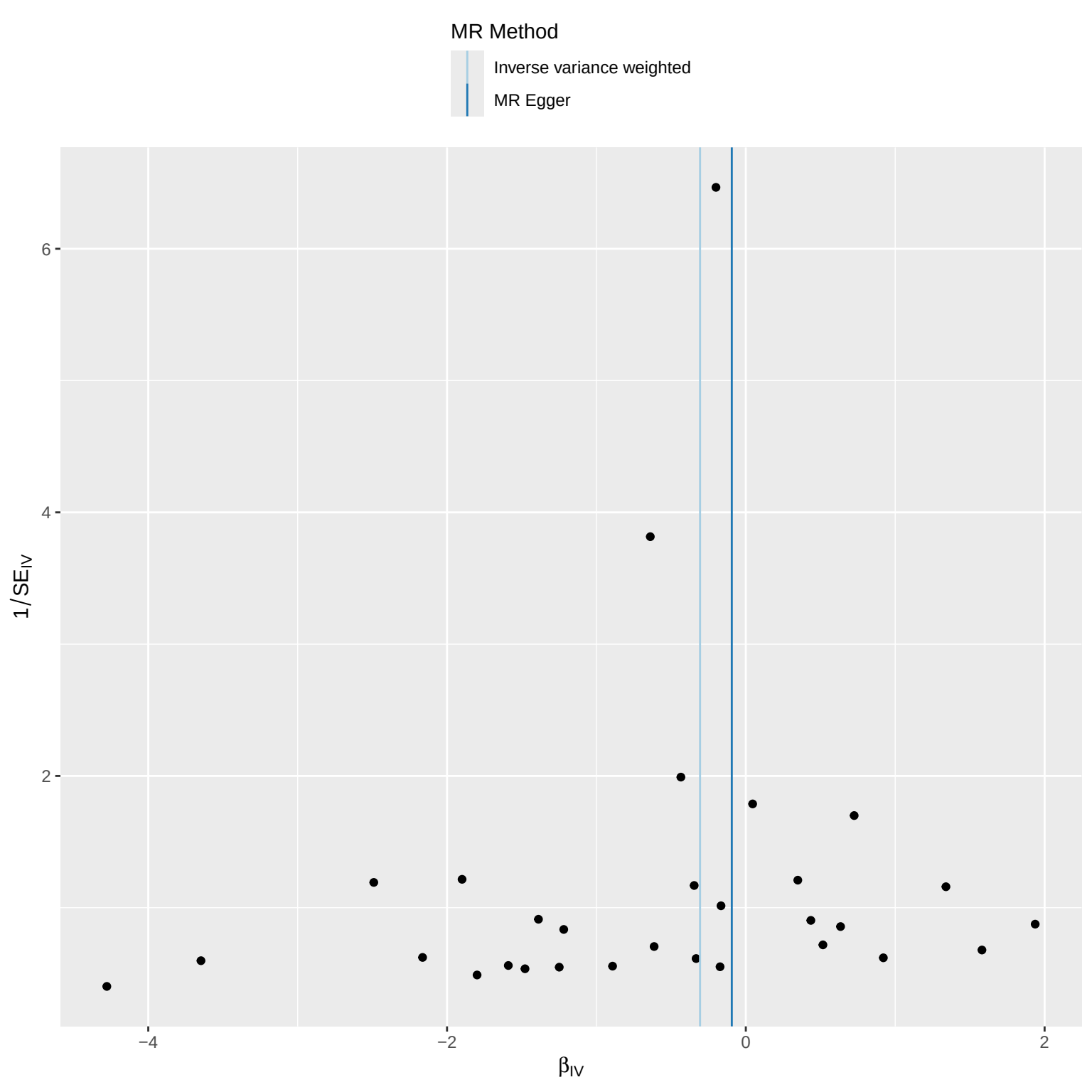

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
β_IV

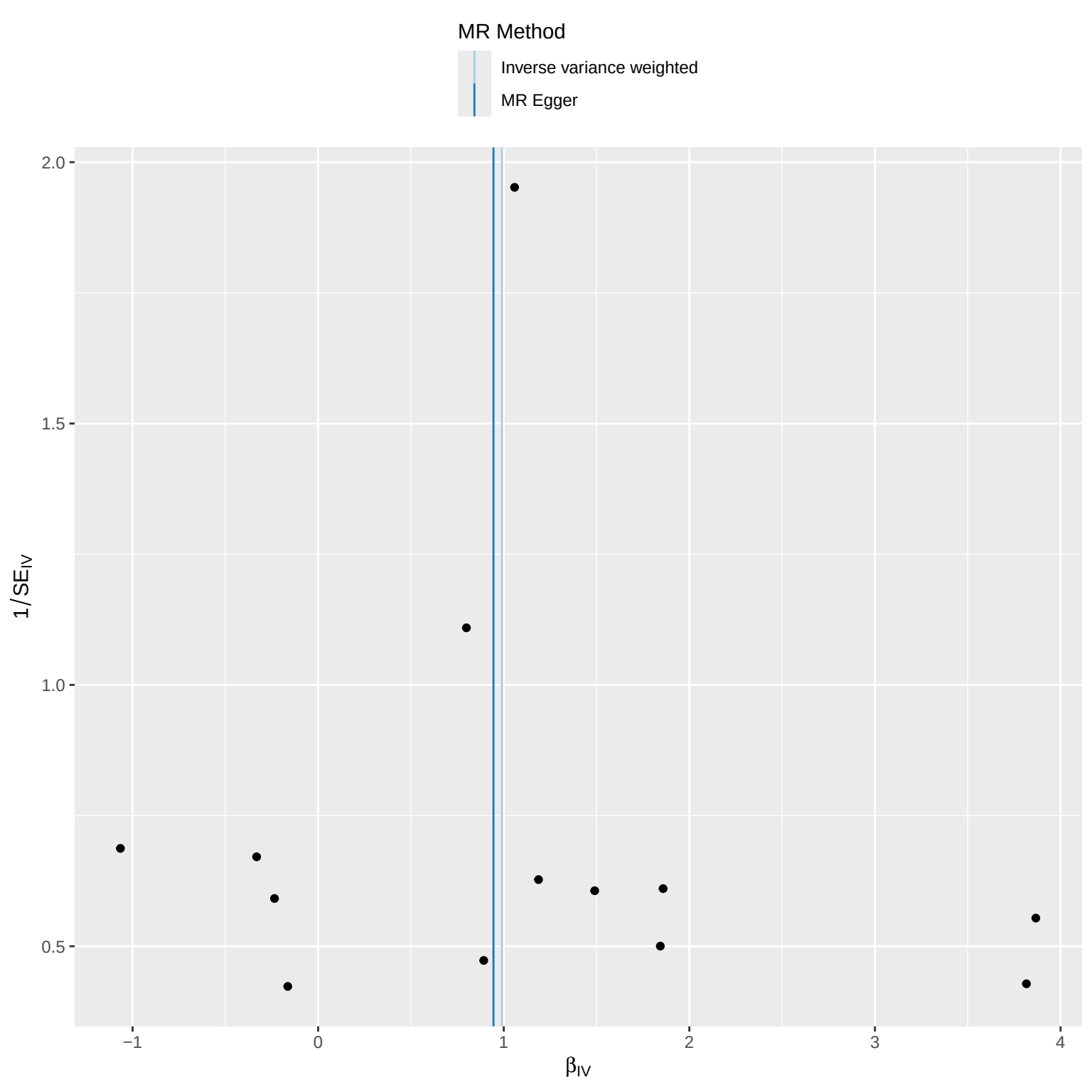

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−3
−2
−1
0
β_IV

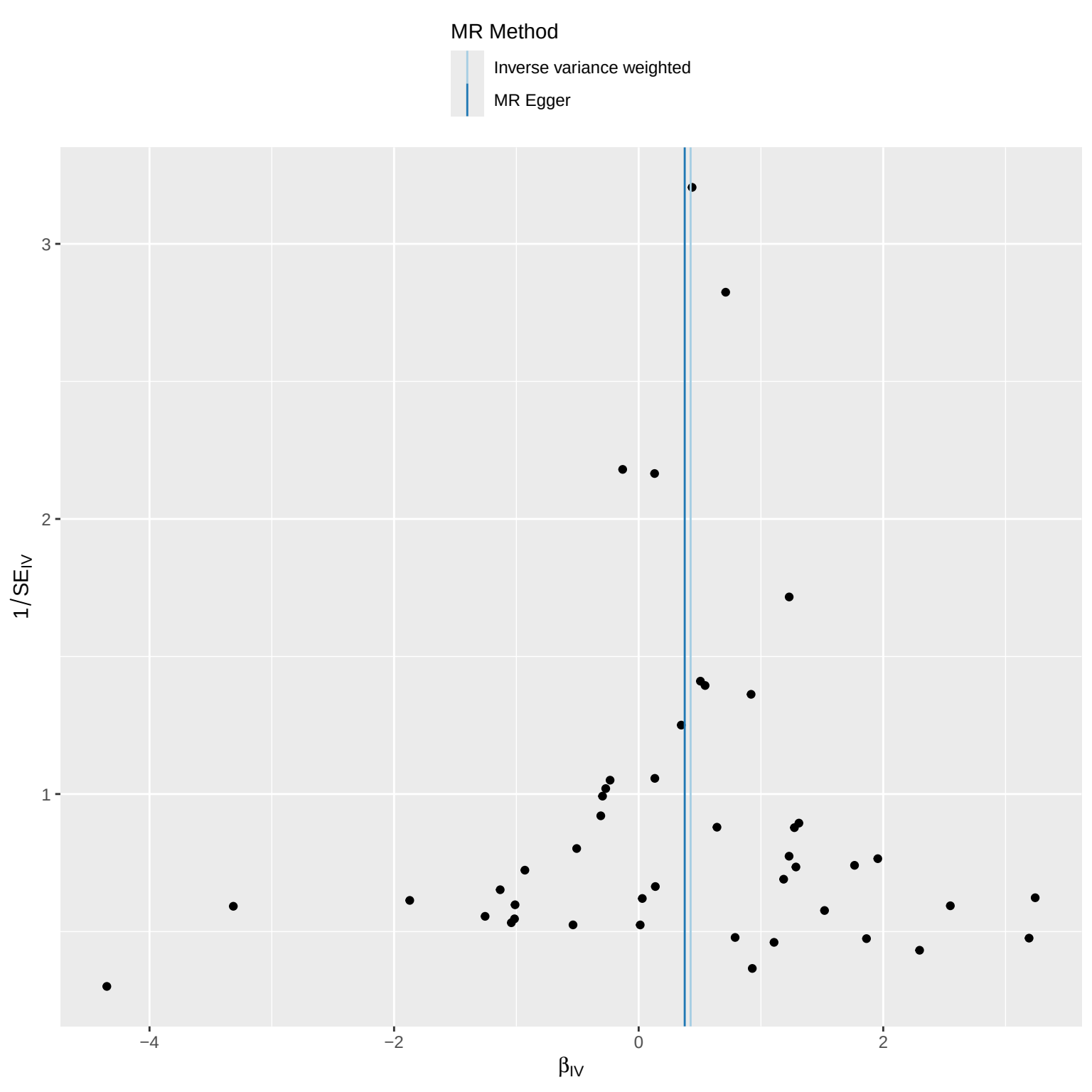

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

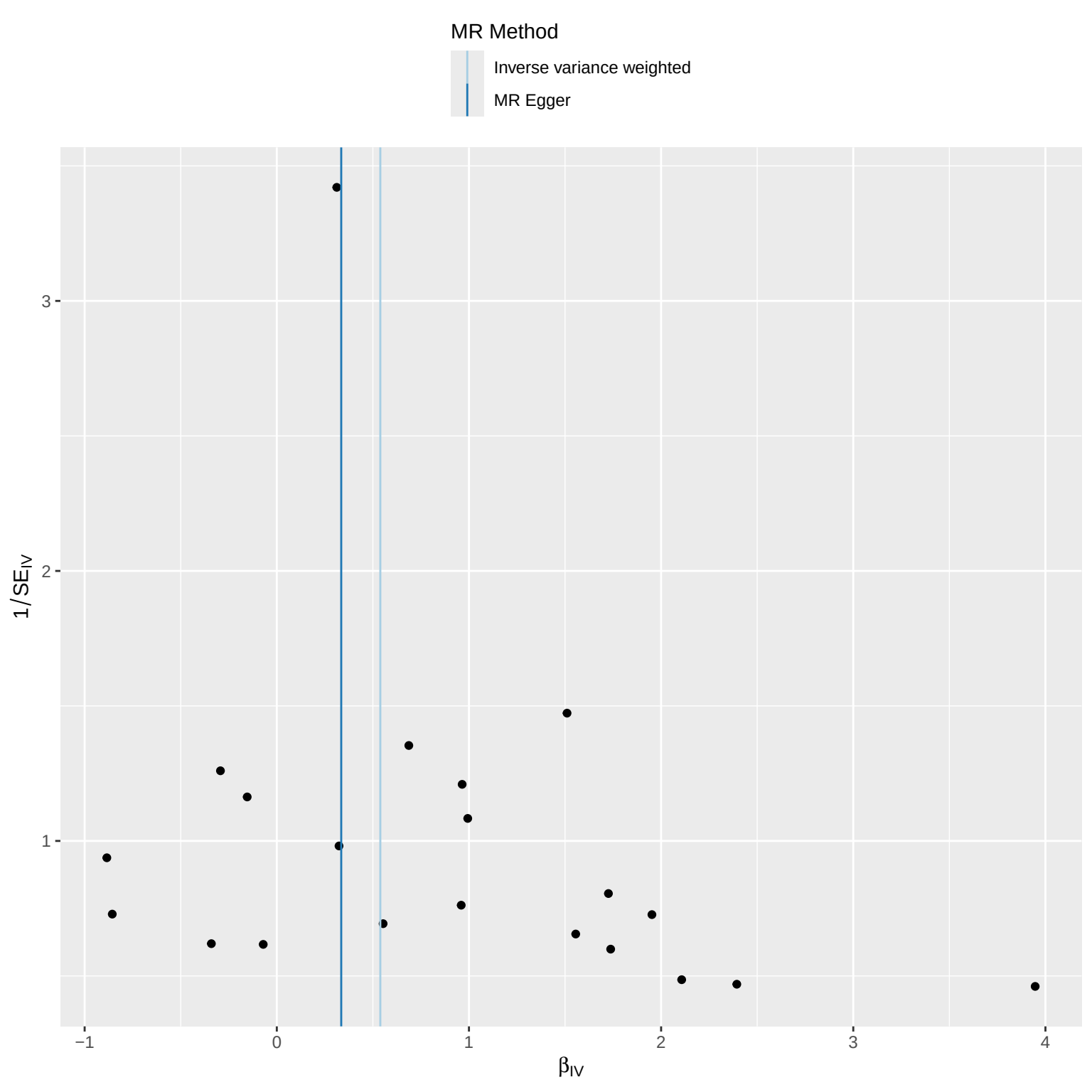

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

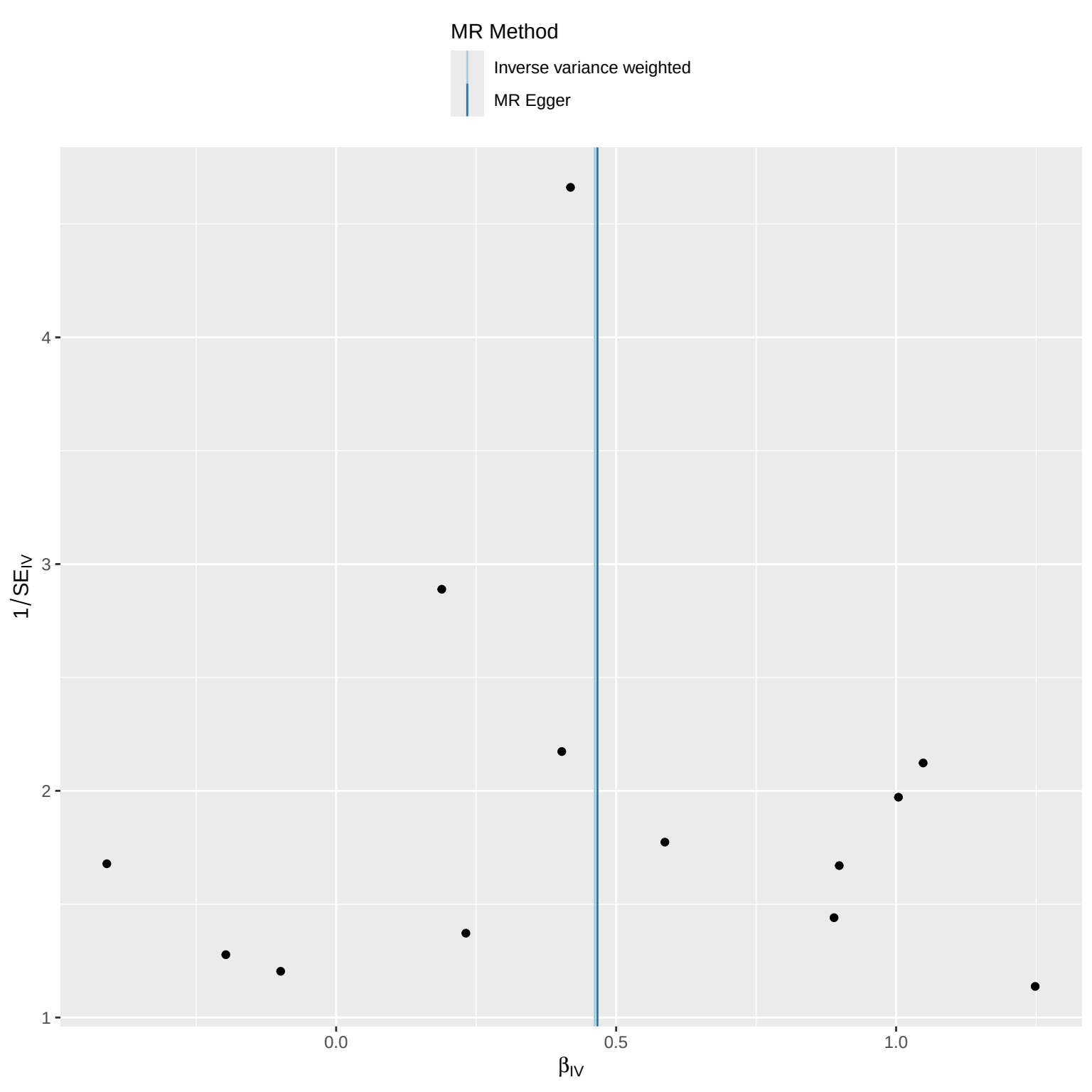

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

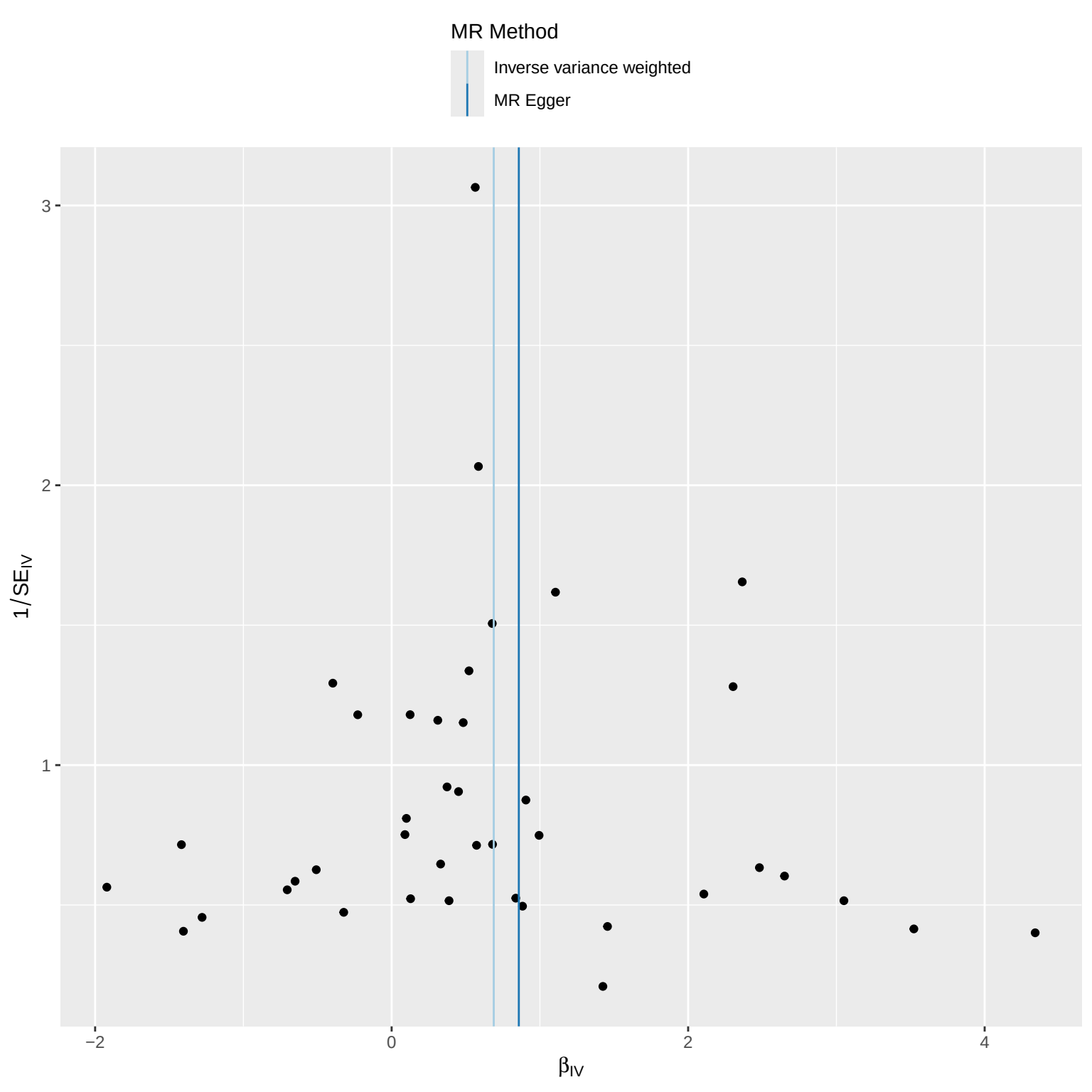

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

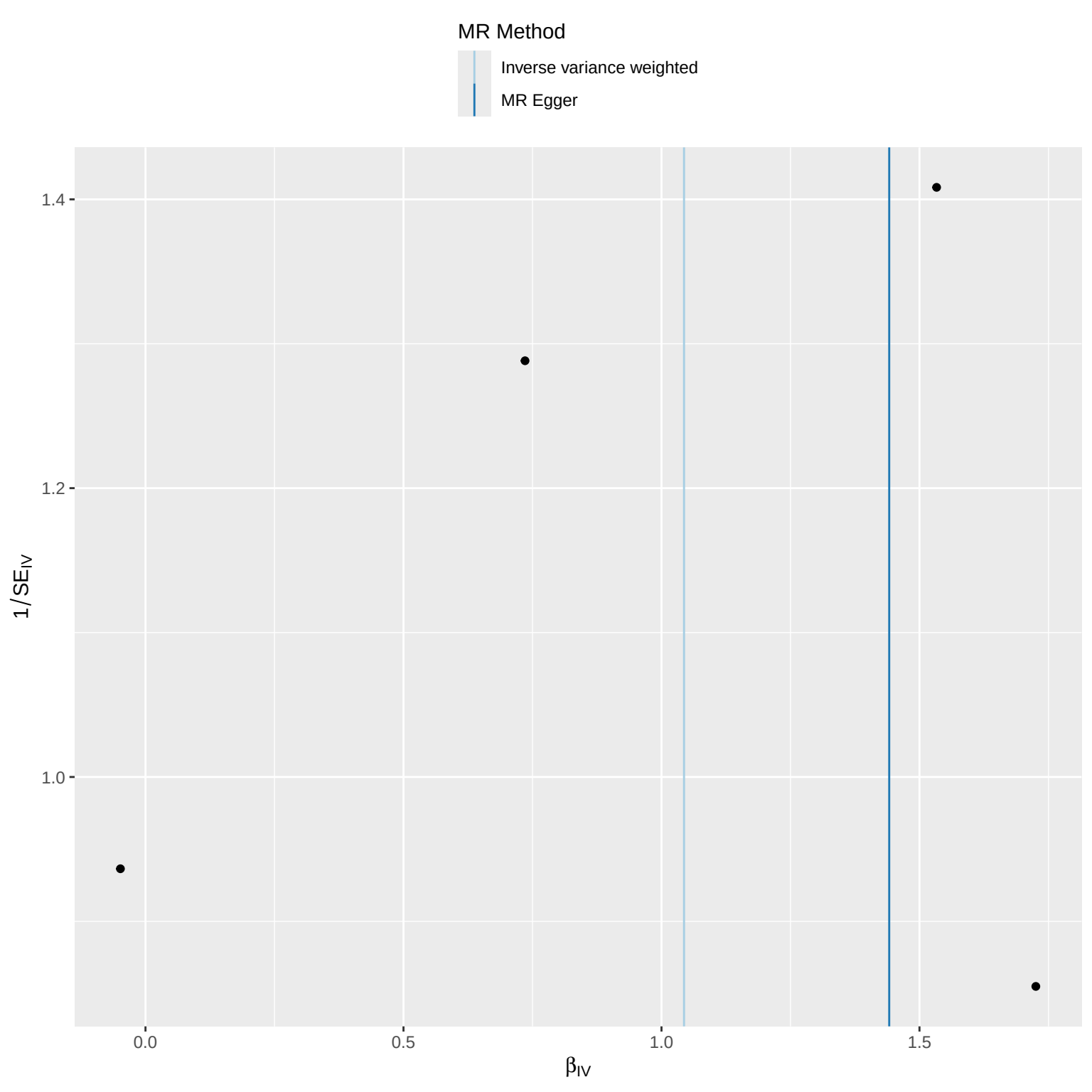

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

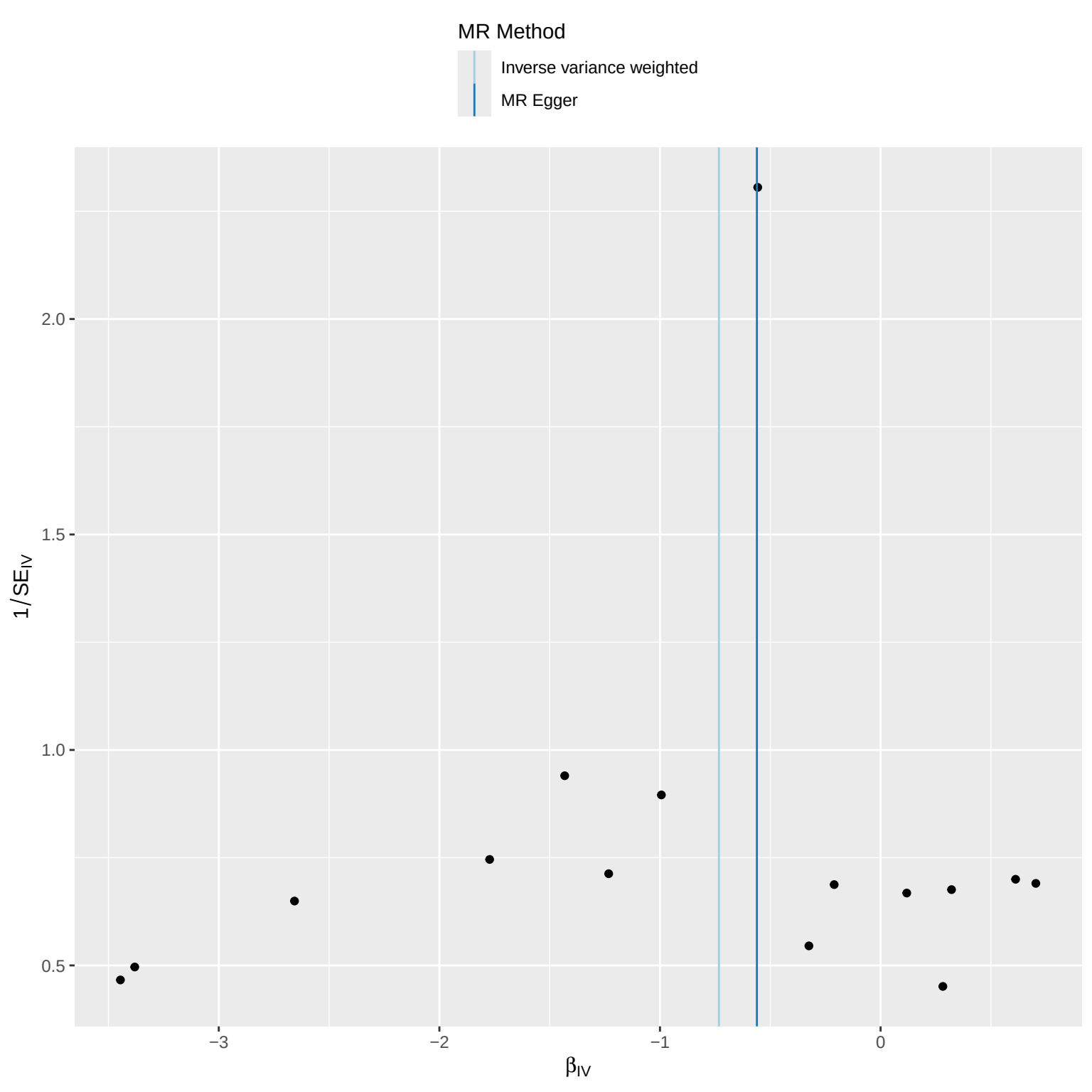

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

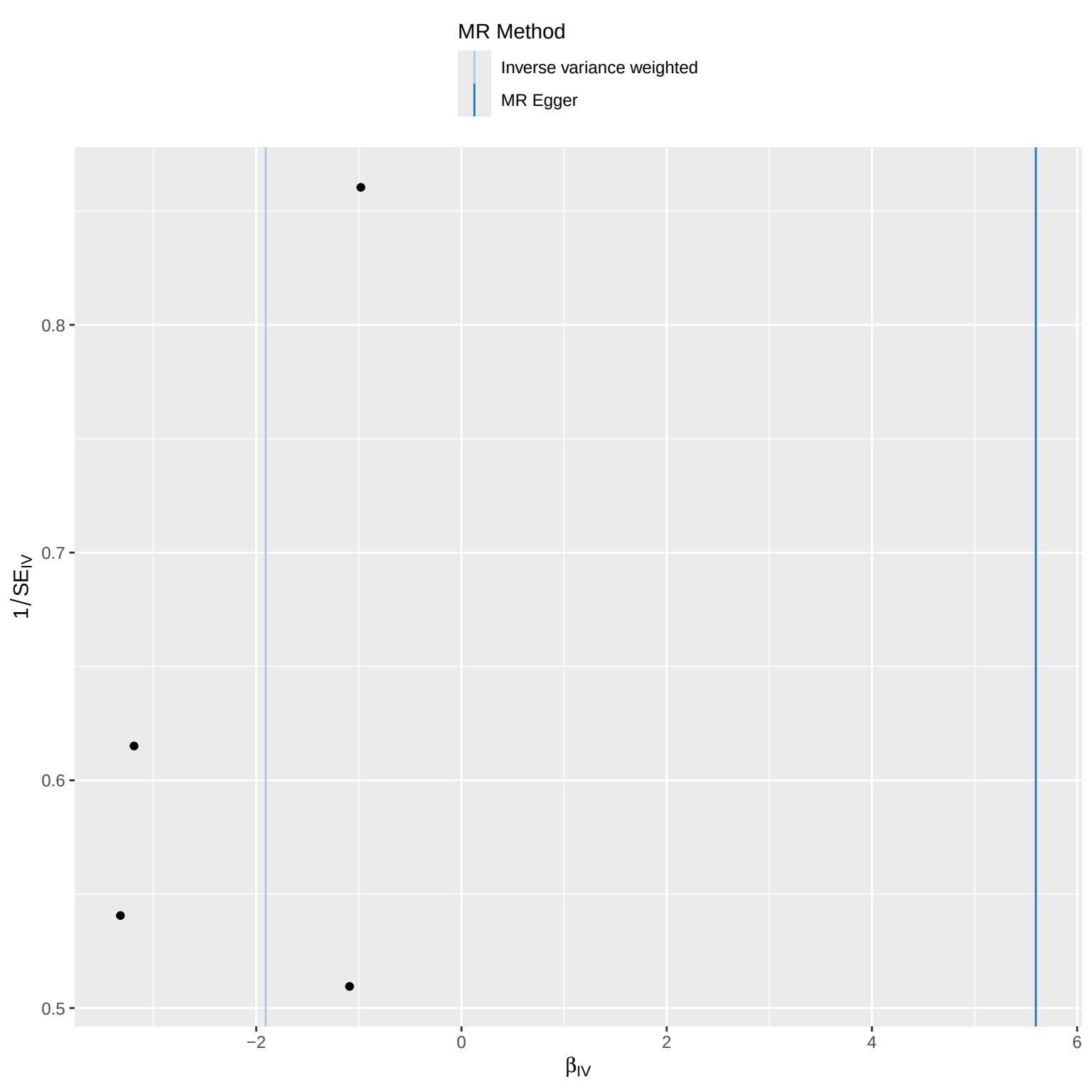

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

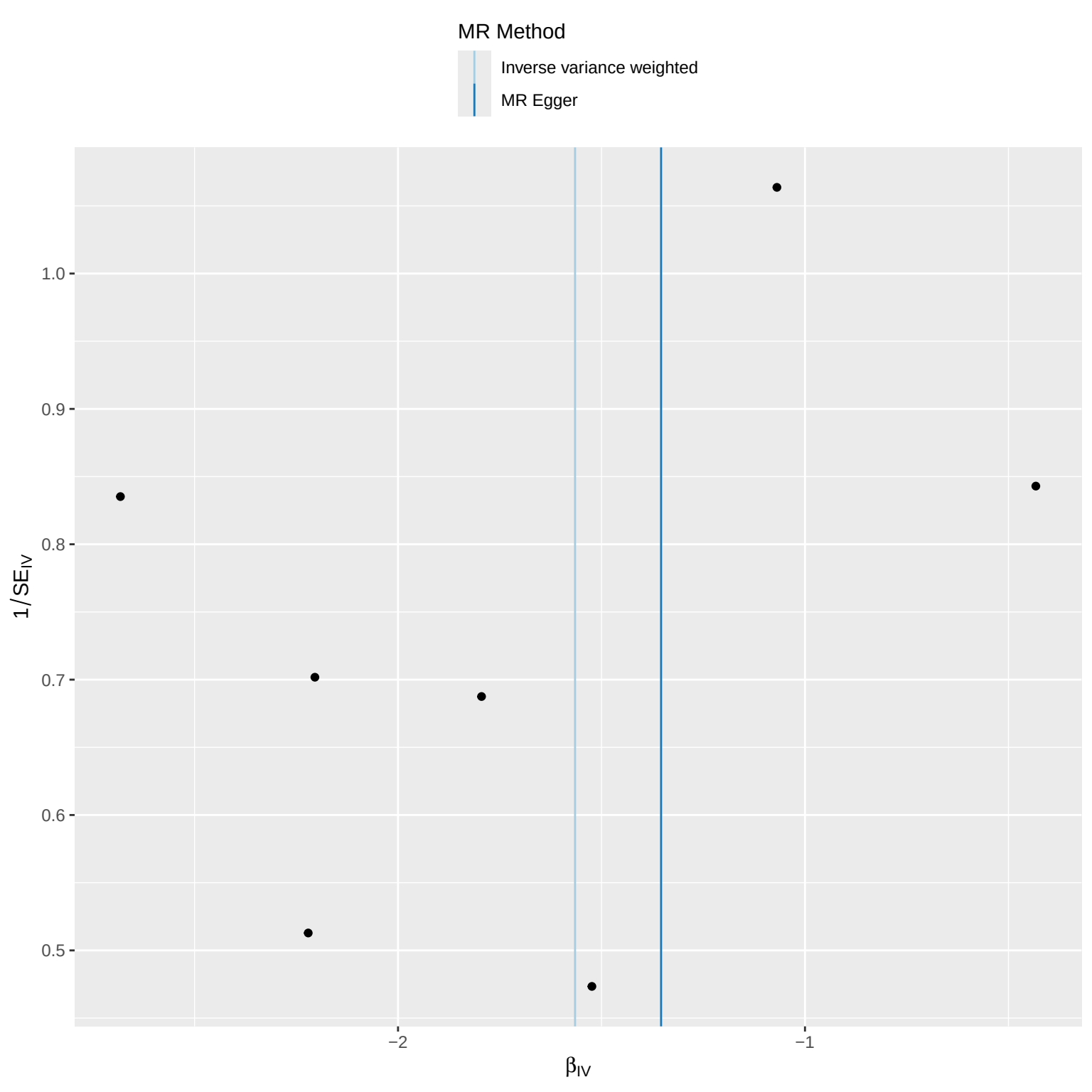

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

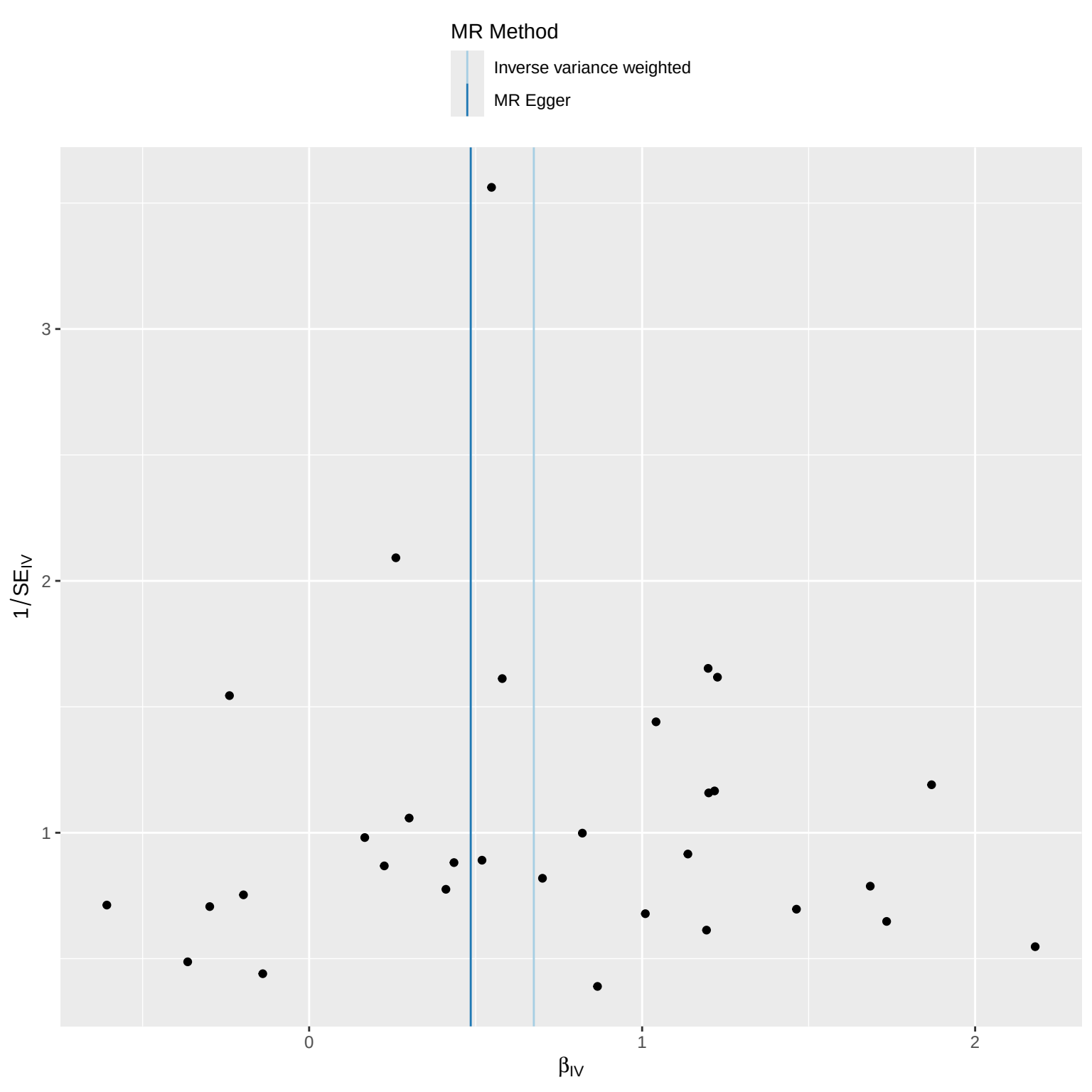

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

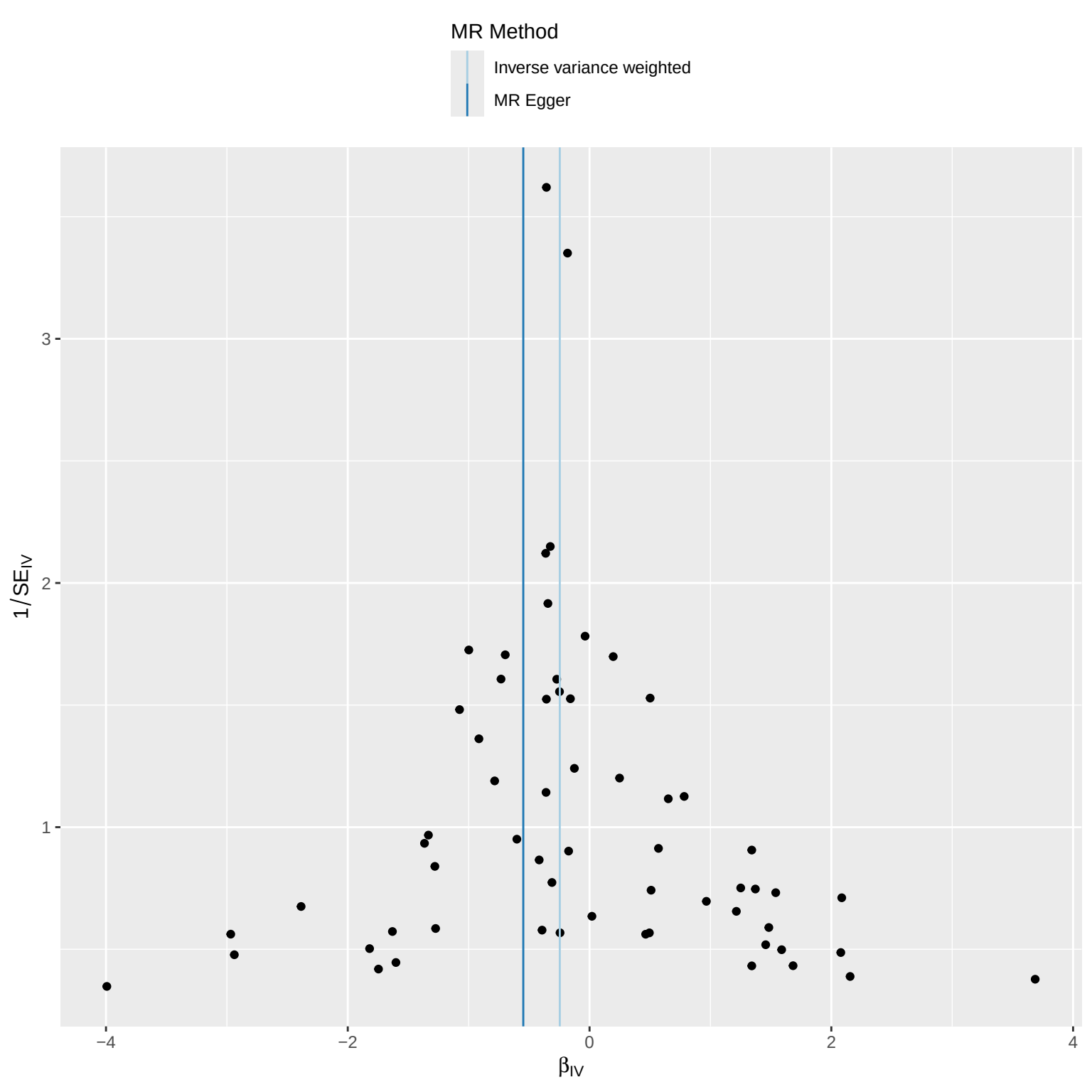

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

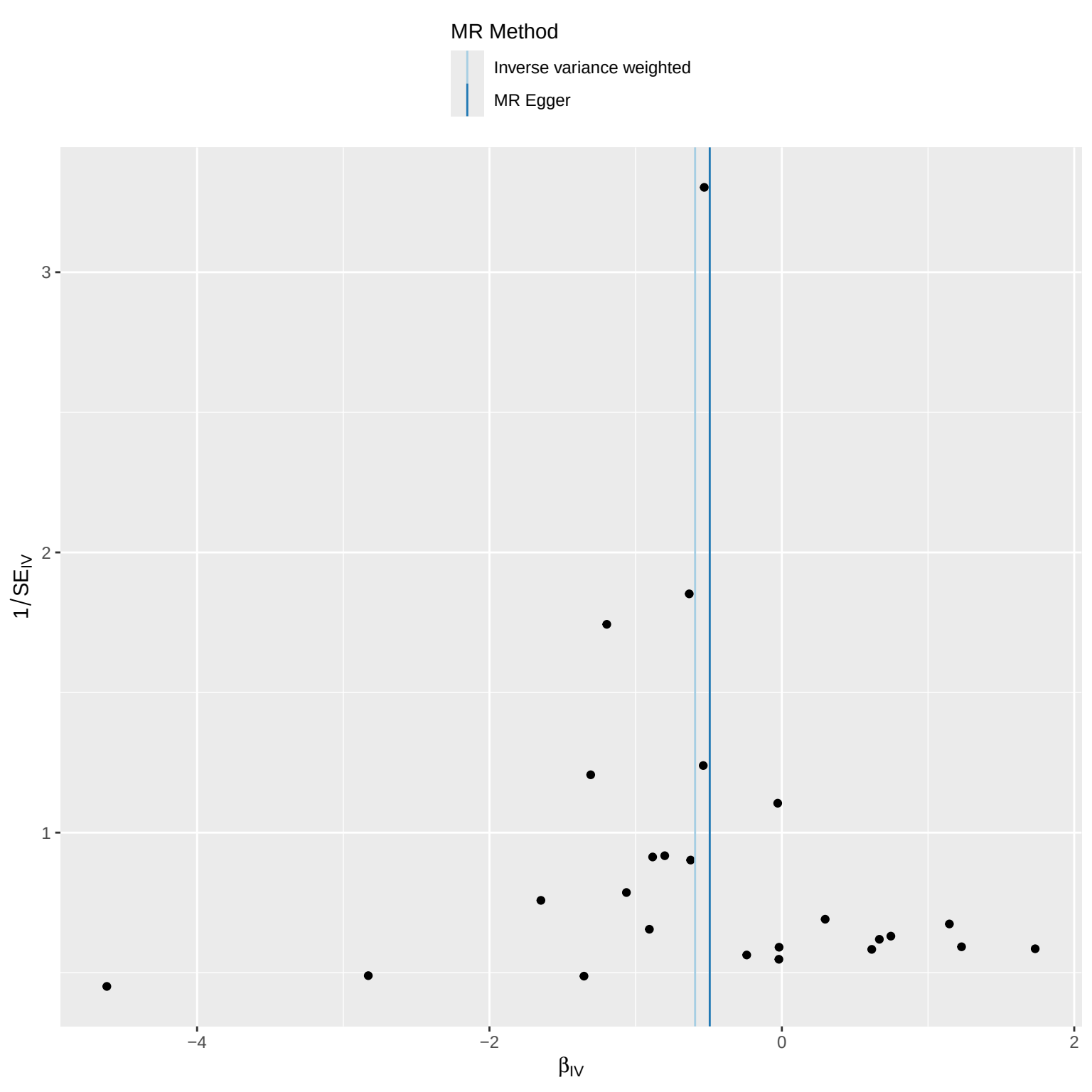

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

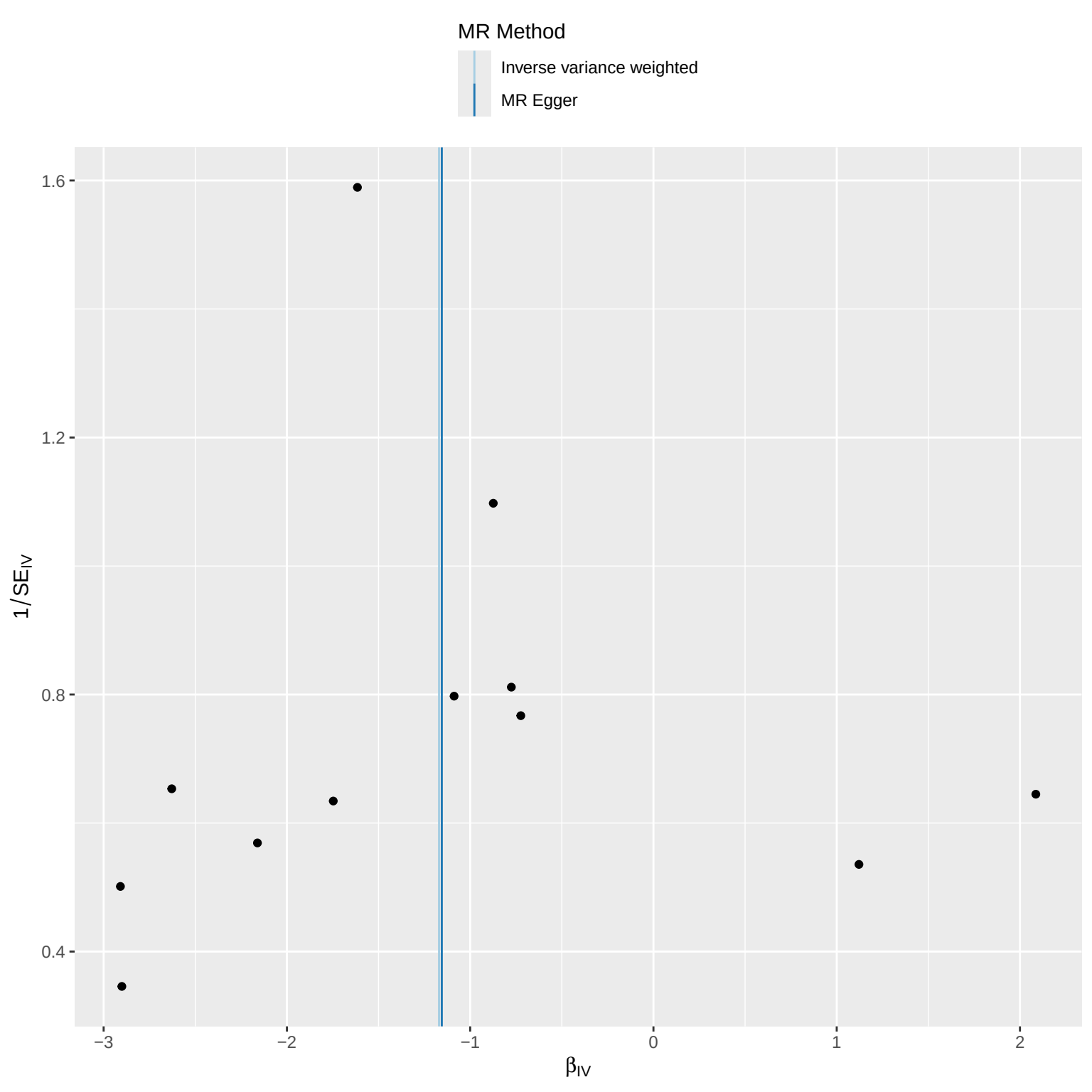

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
−2
0
2
4
6
β_IV

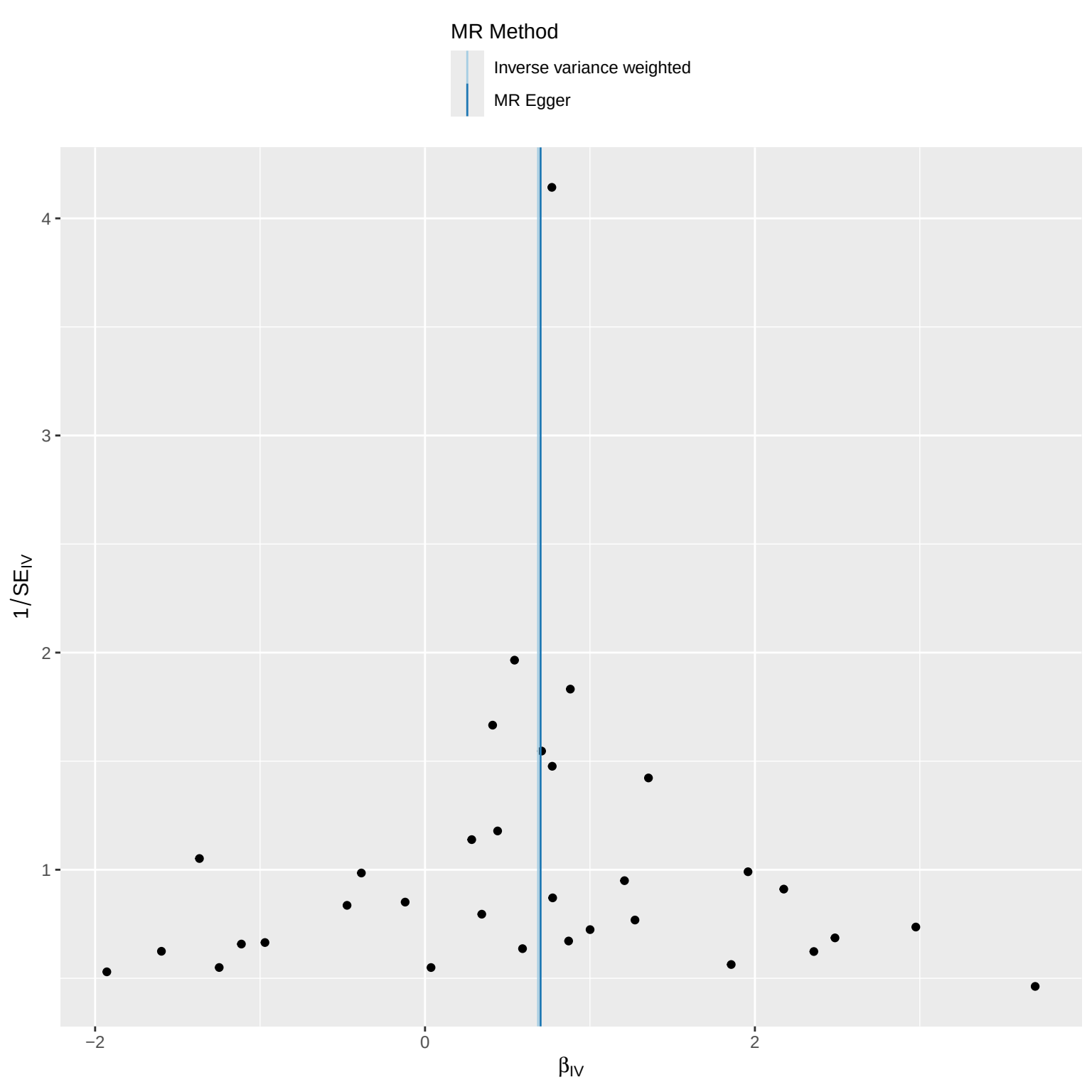

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−2
−1
β_IV

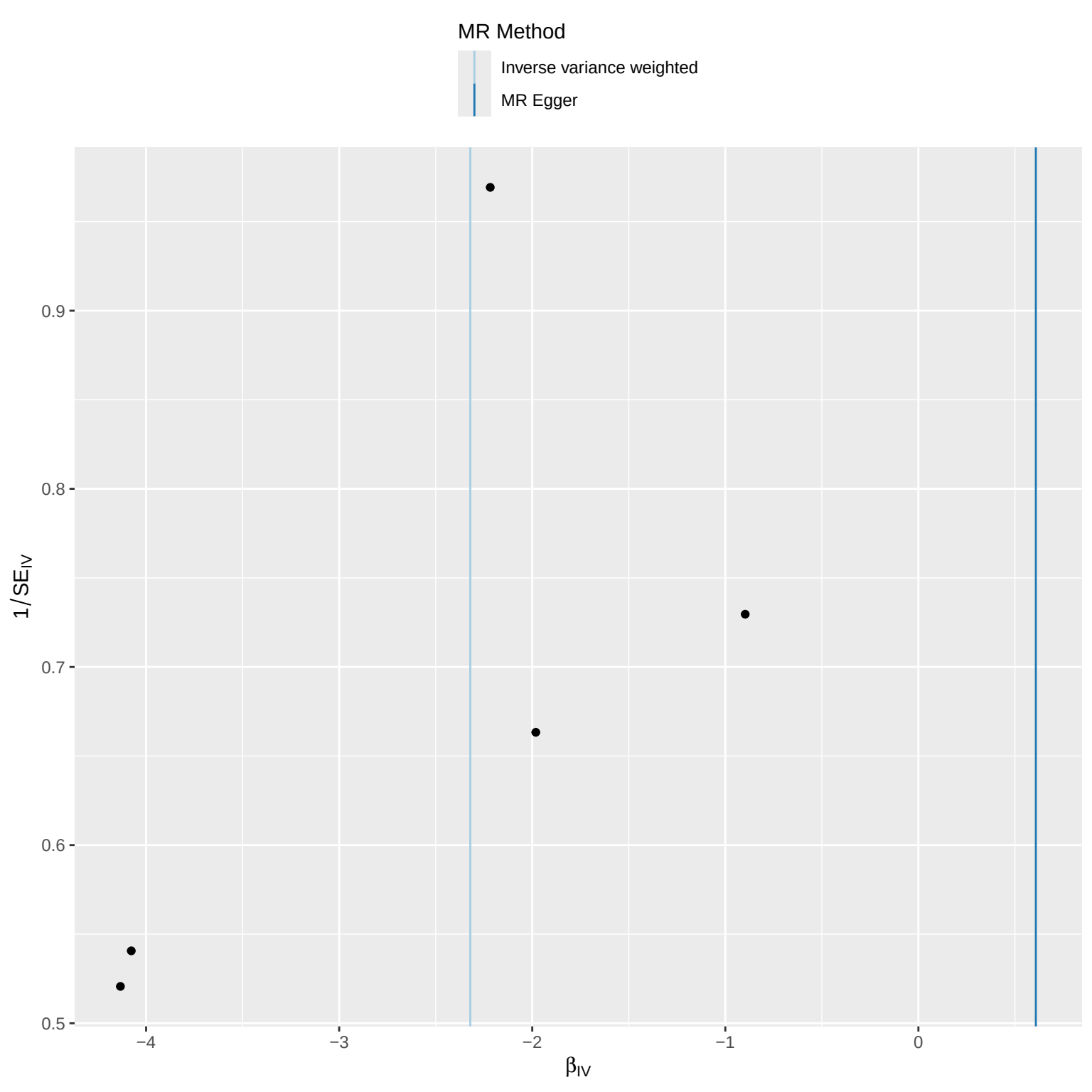

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
1/SE_IV
β_IV

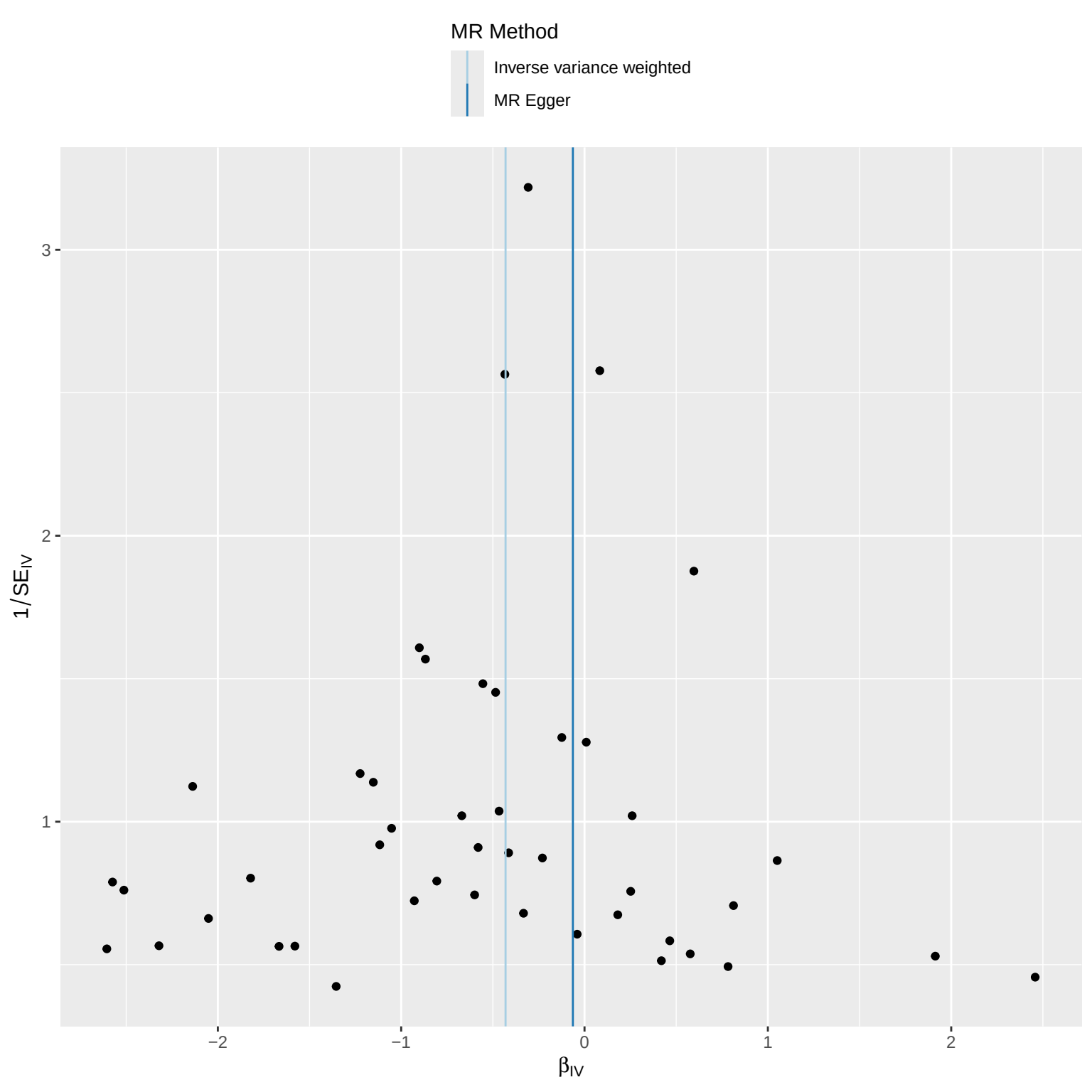

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−4
−2
0
2
4
β_IV

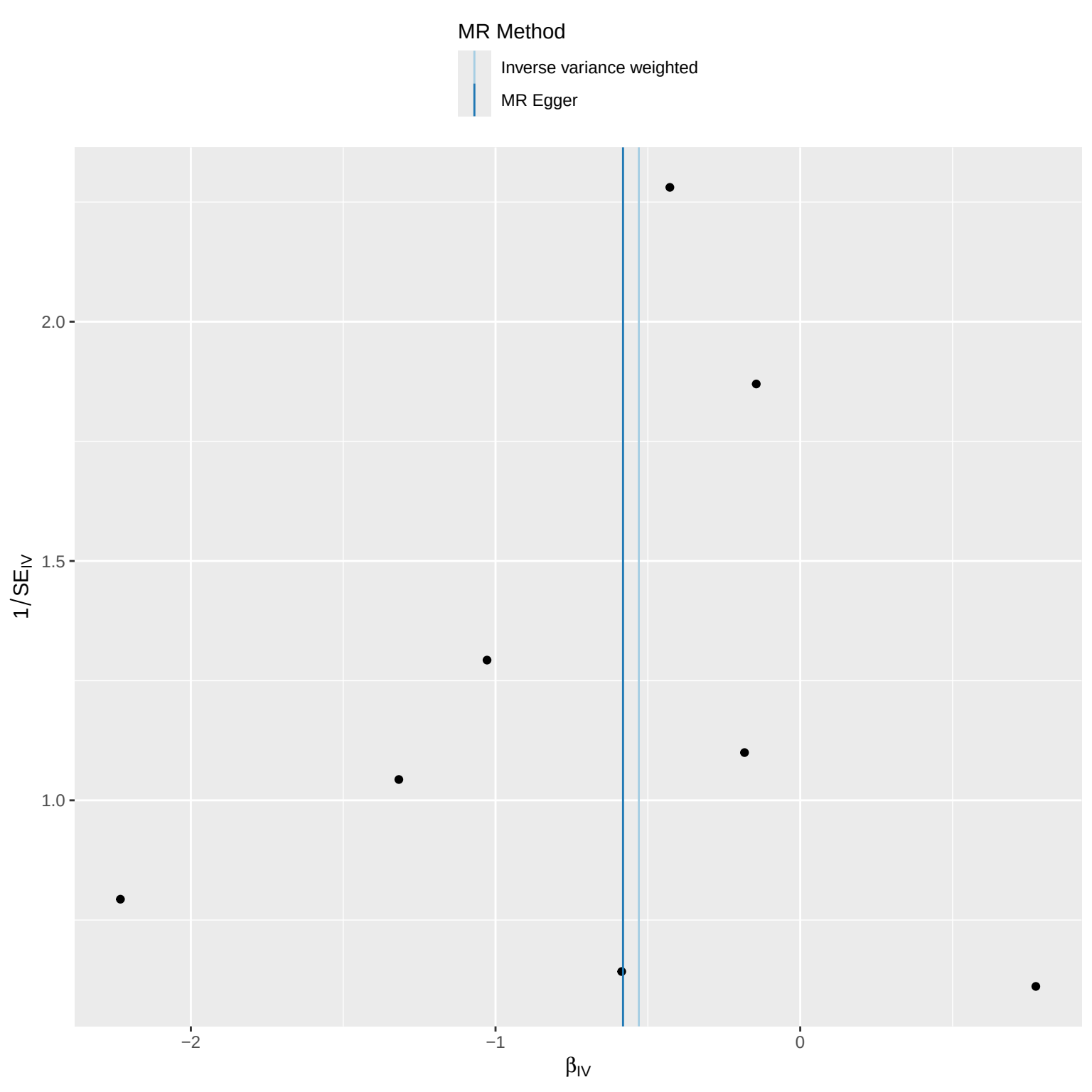

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

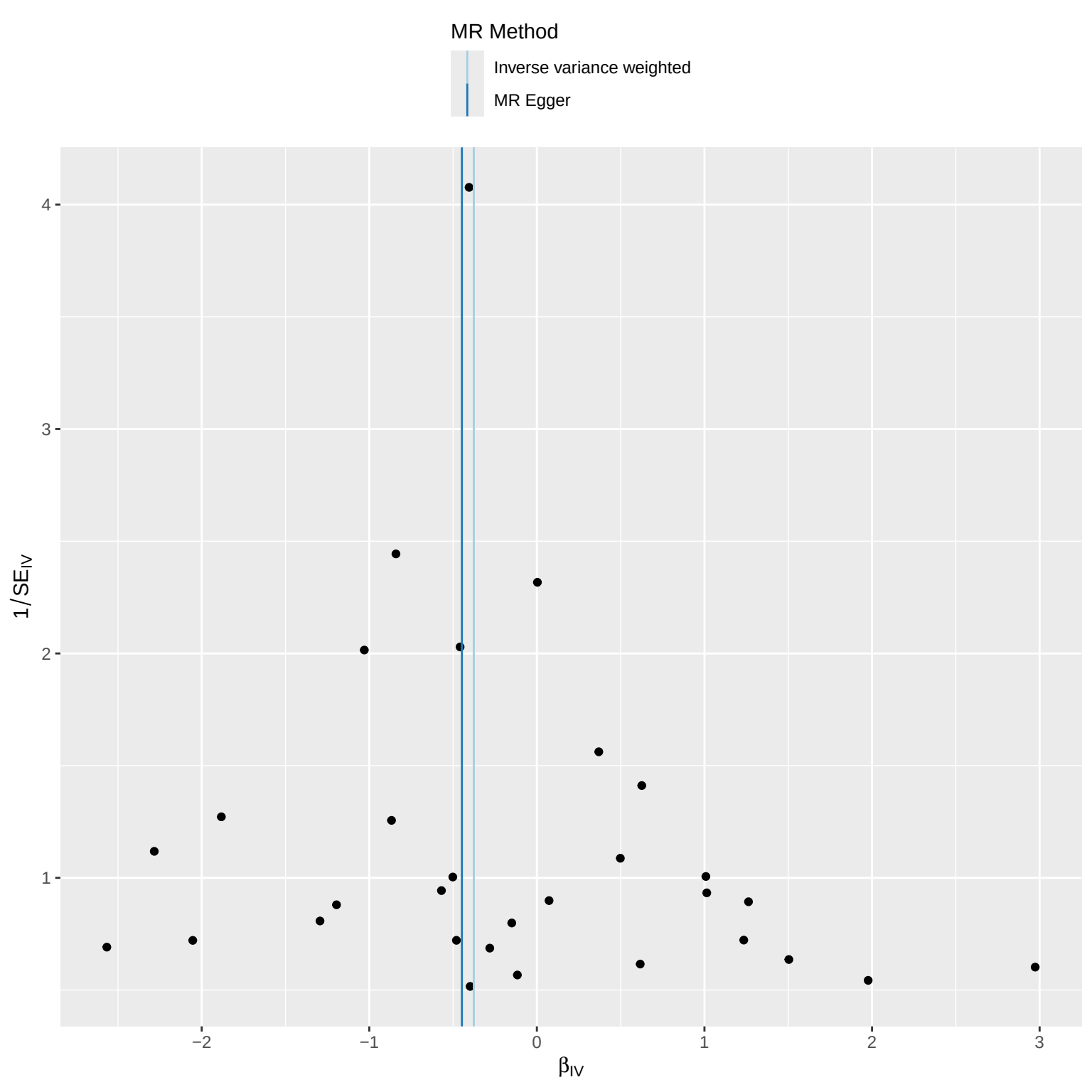

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
1
2
β_IV

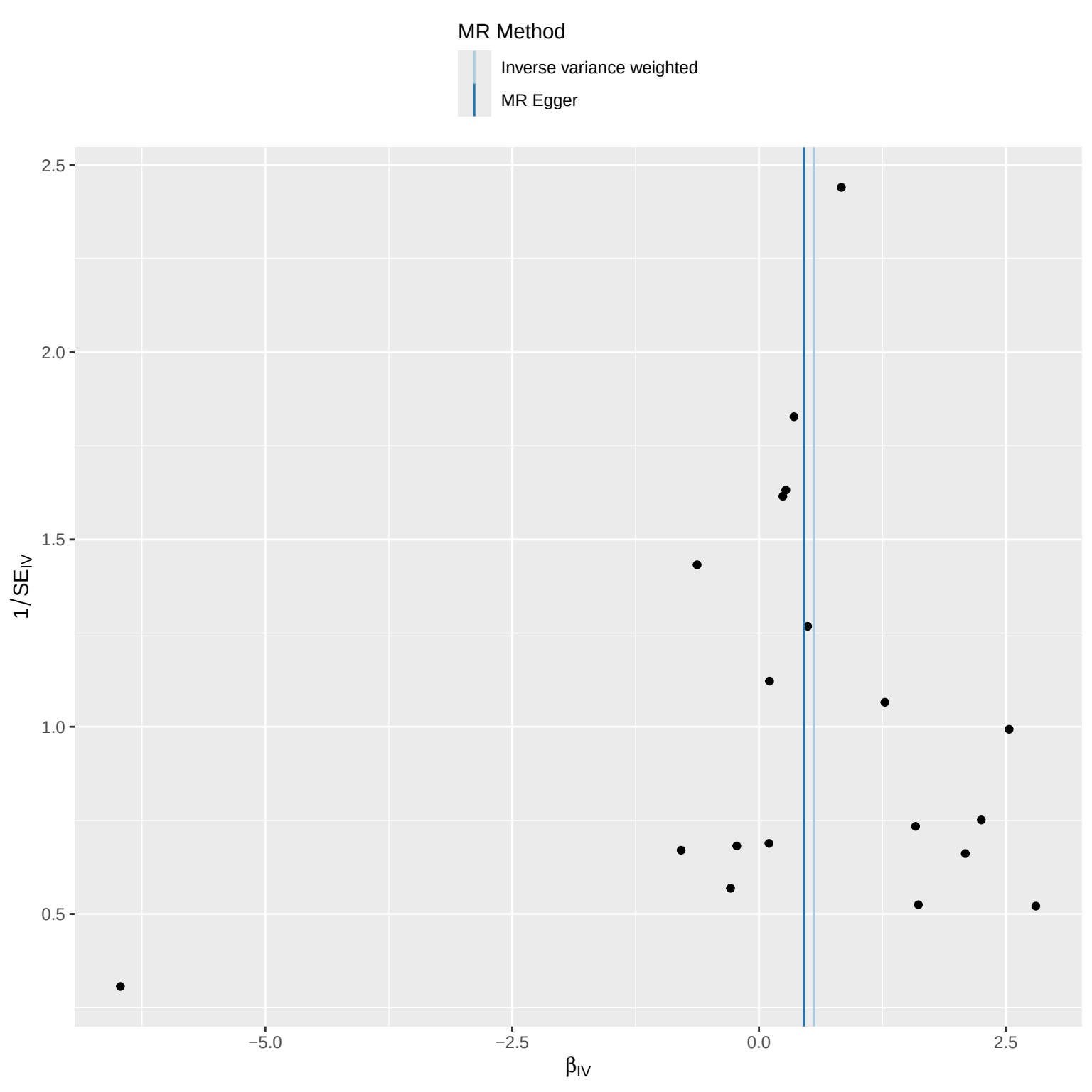

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

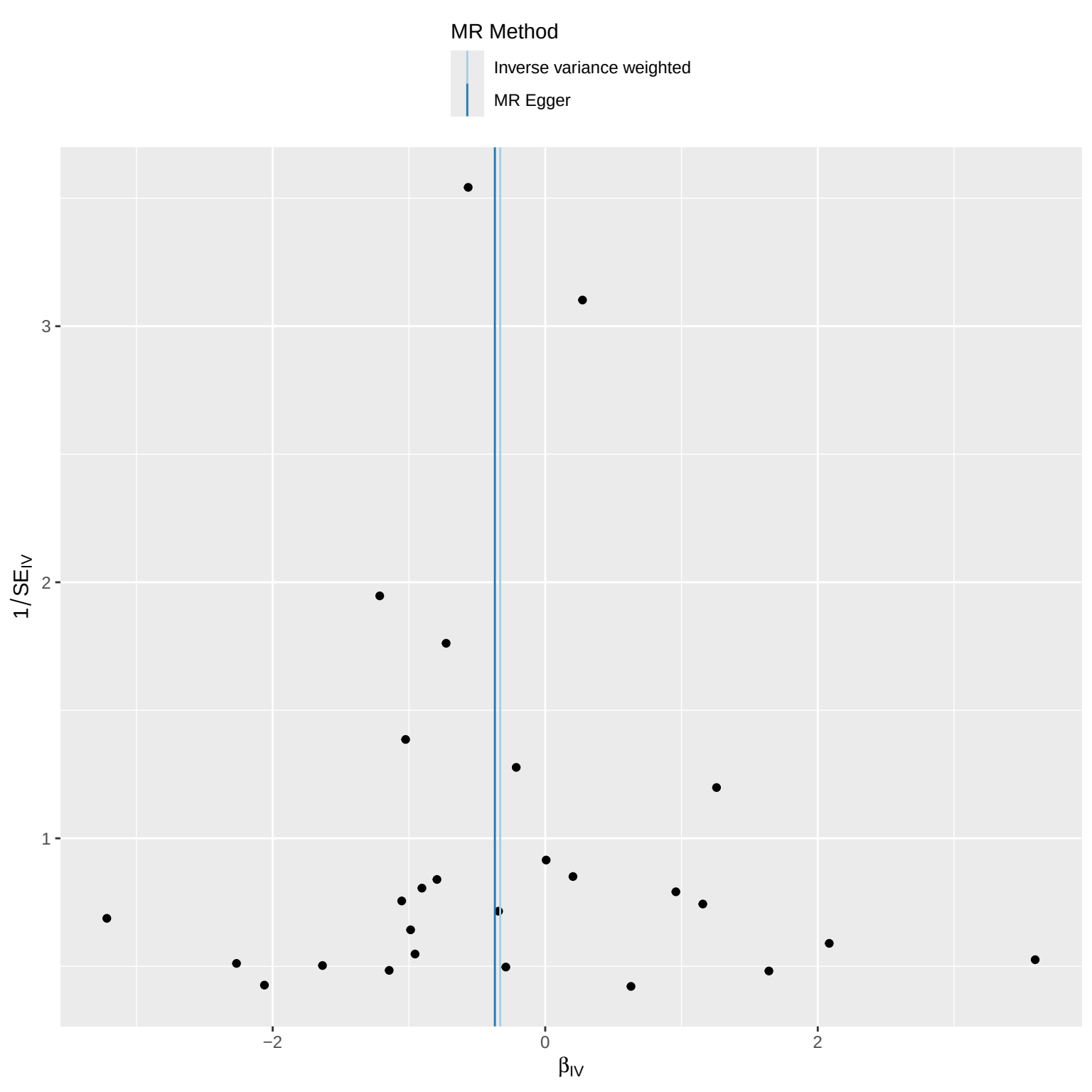

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

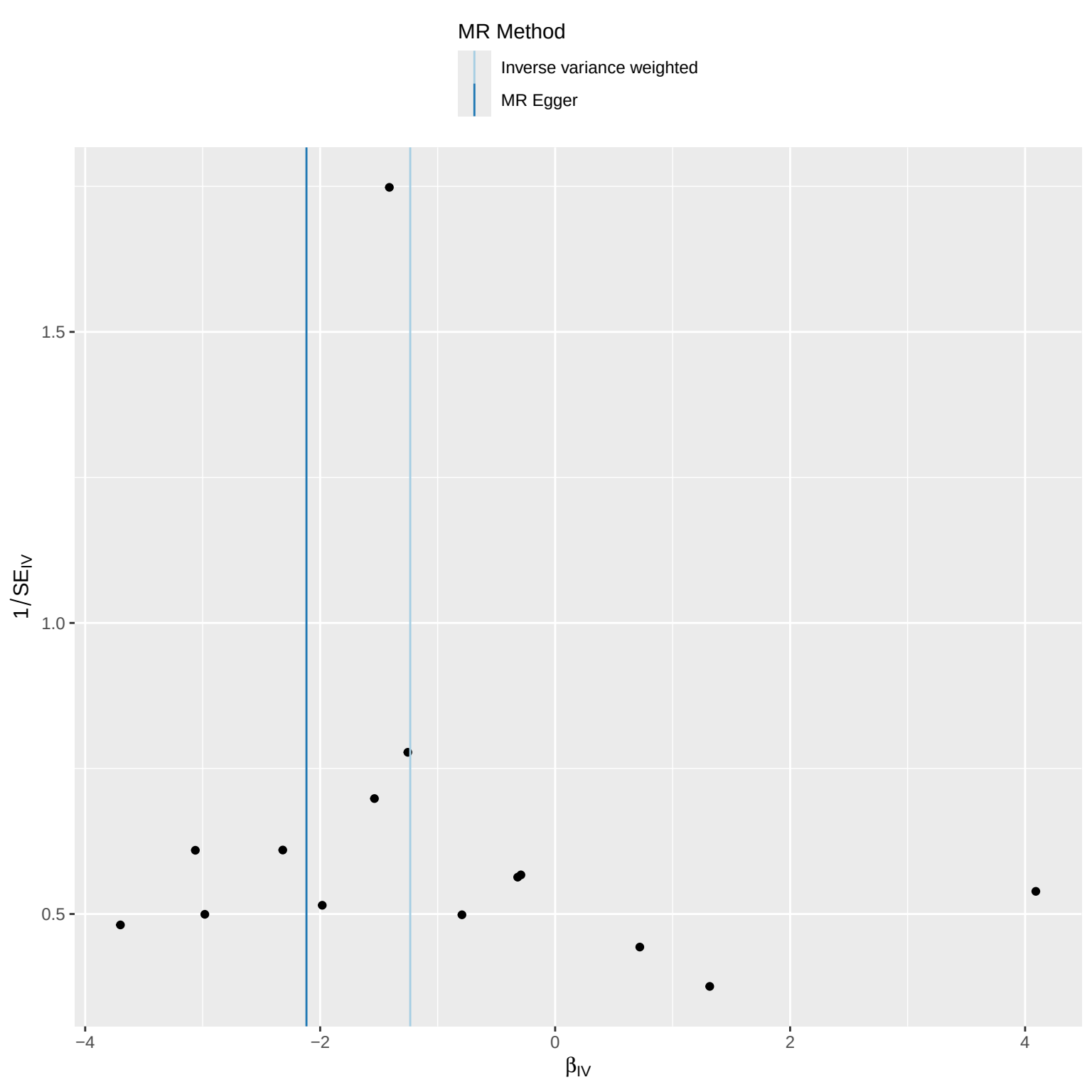

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

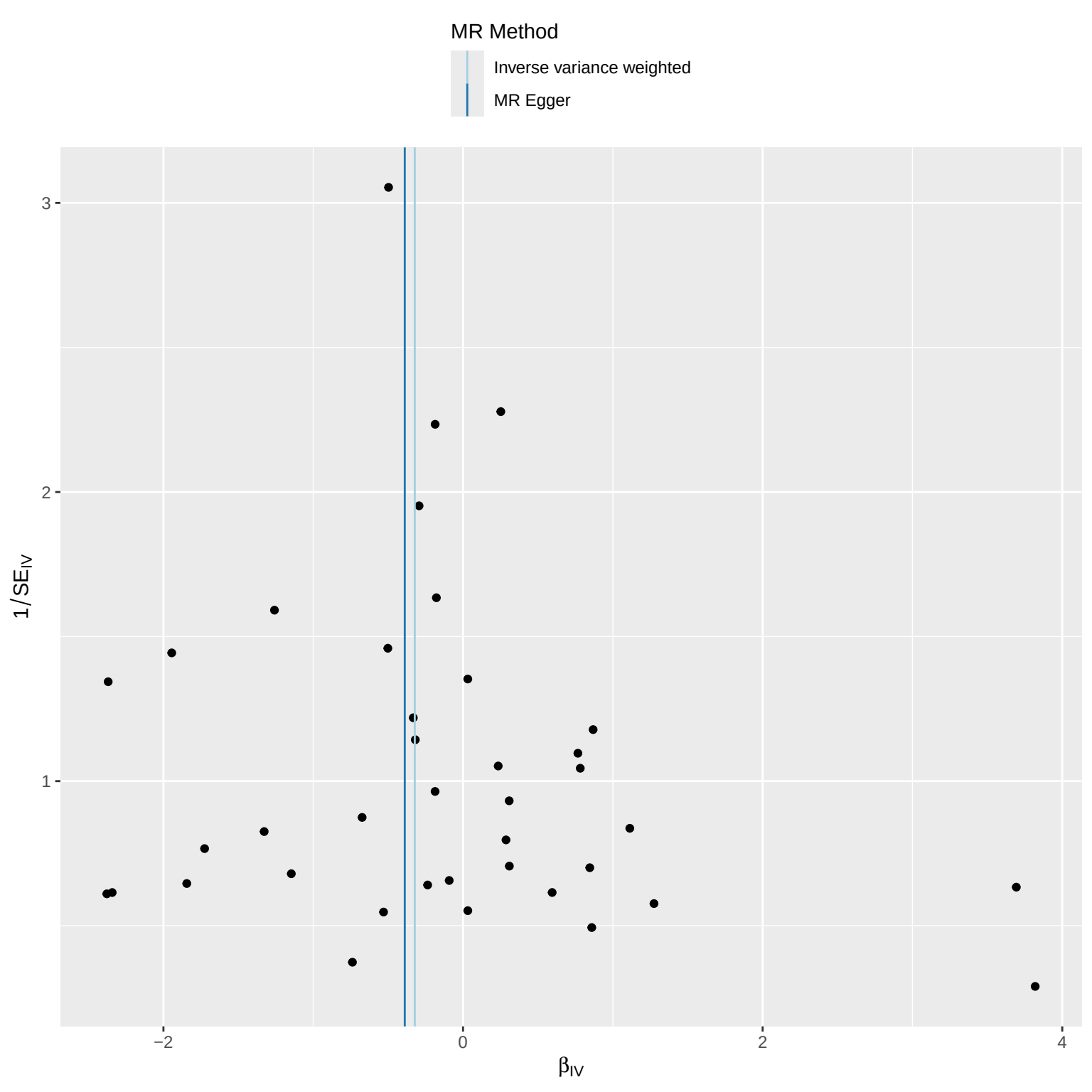

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

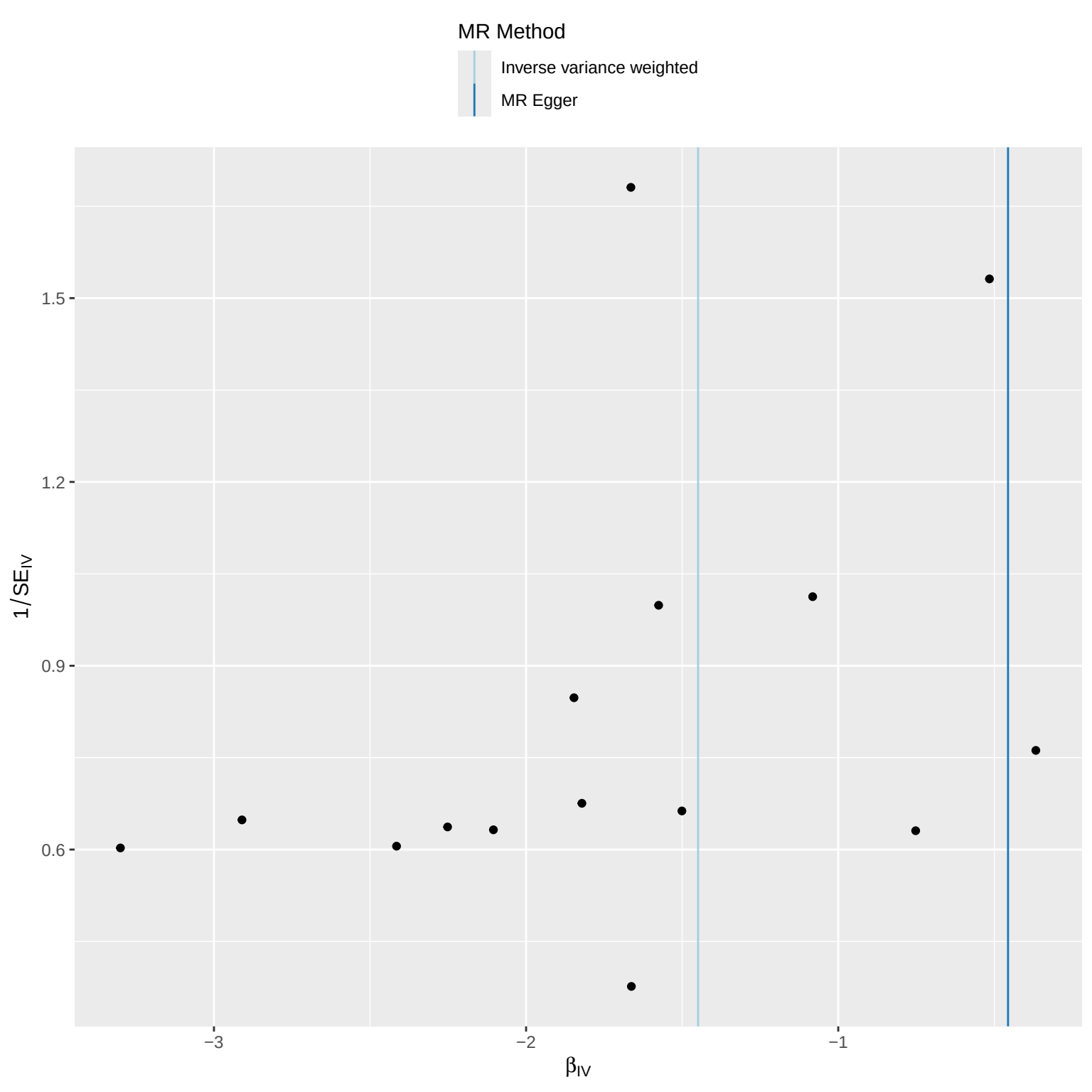

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

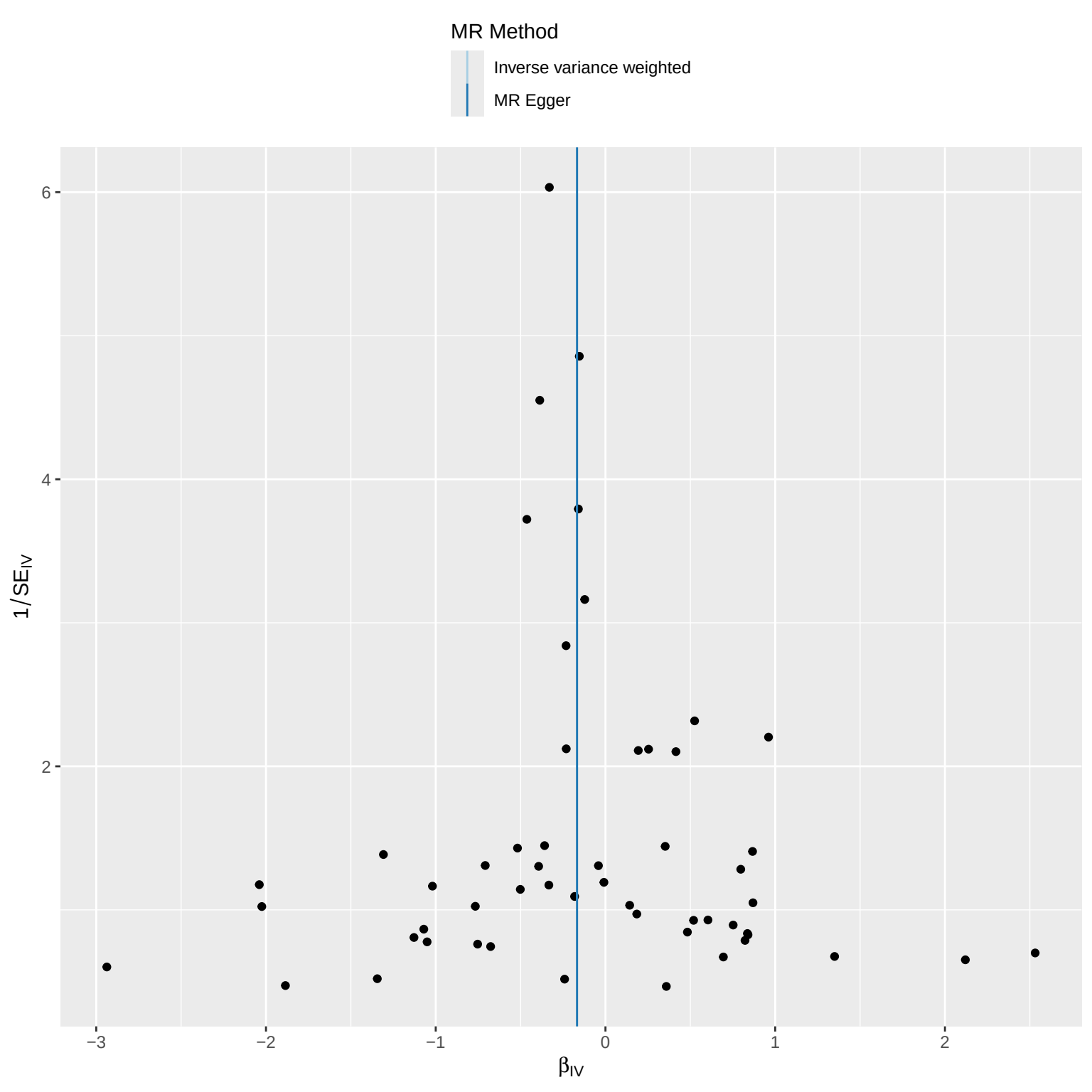

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

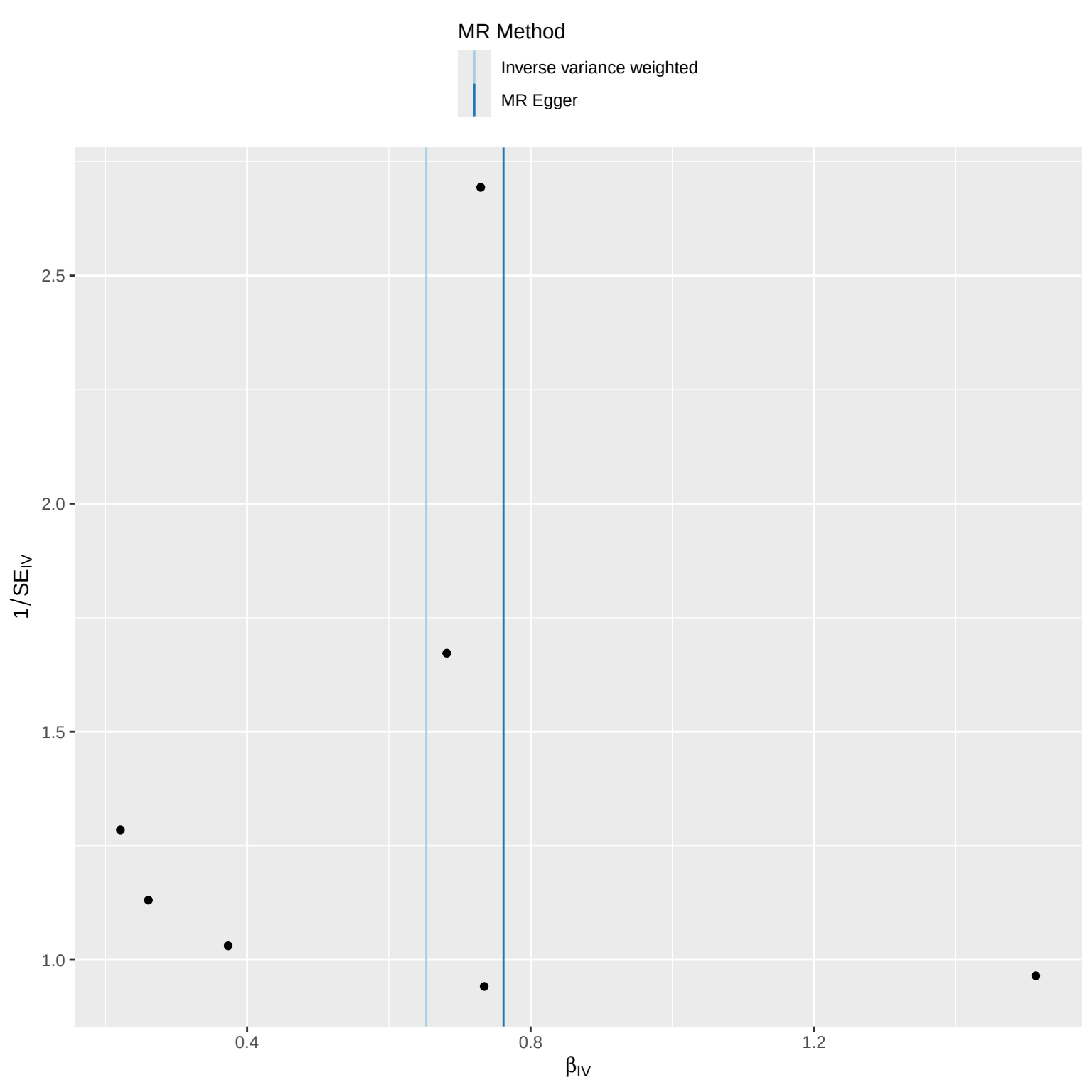

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

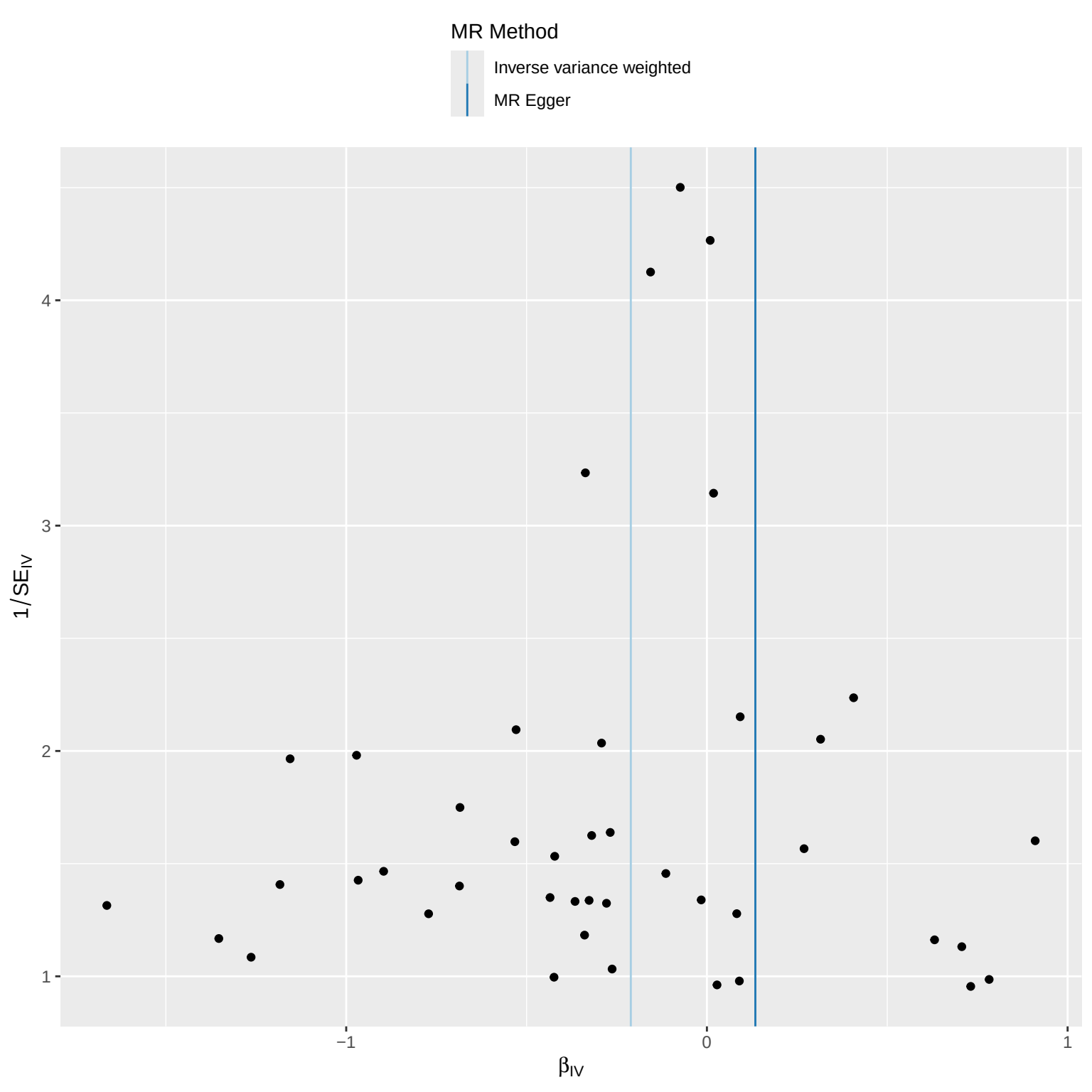

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

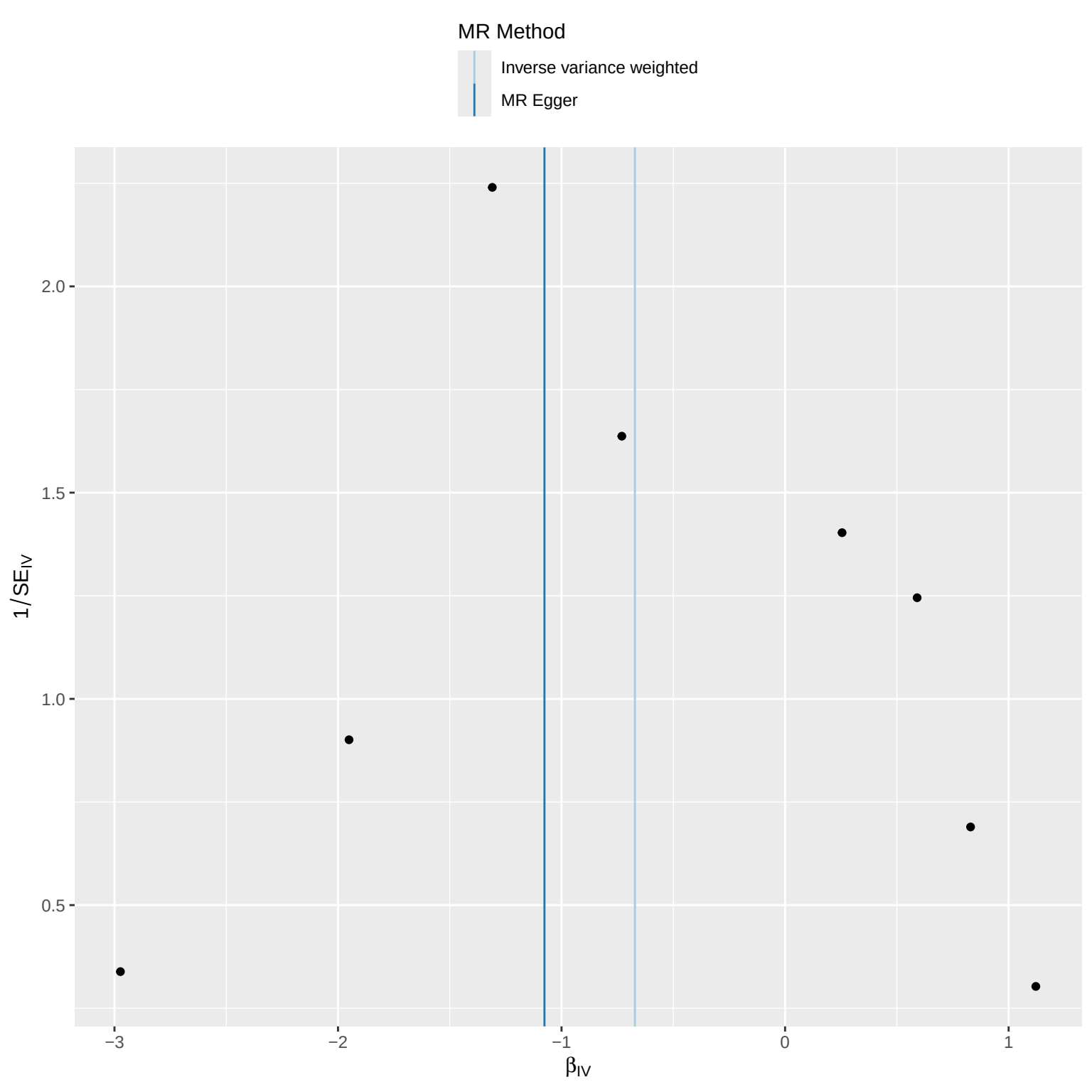

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

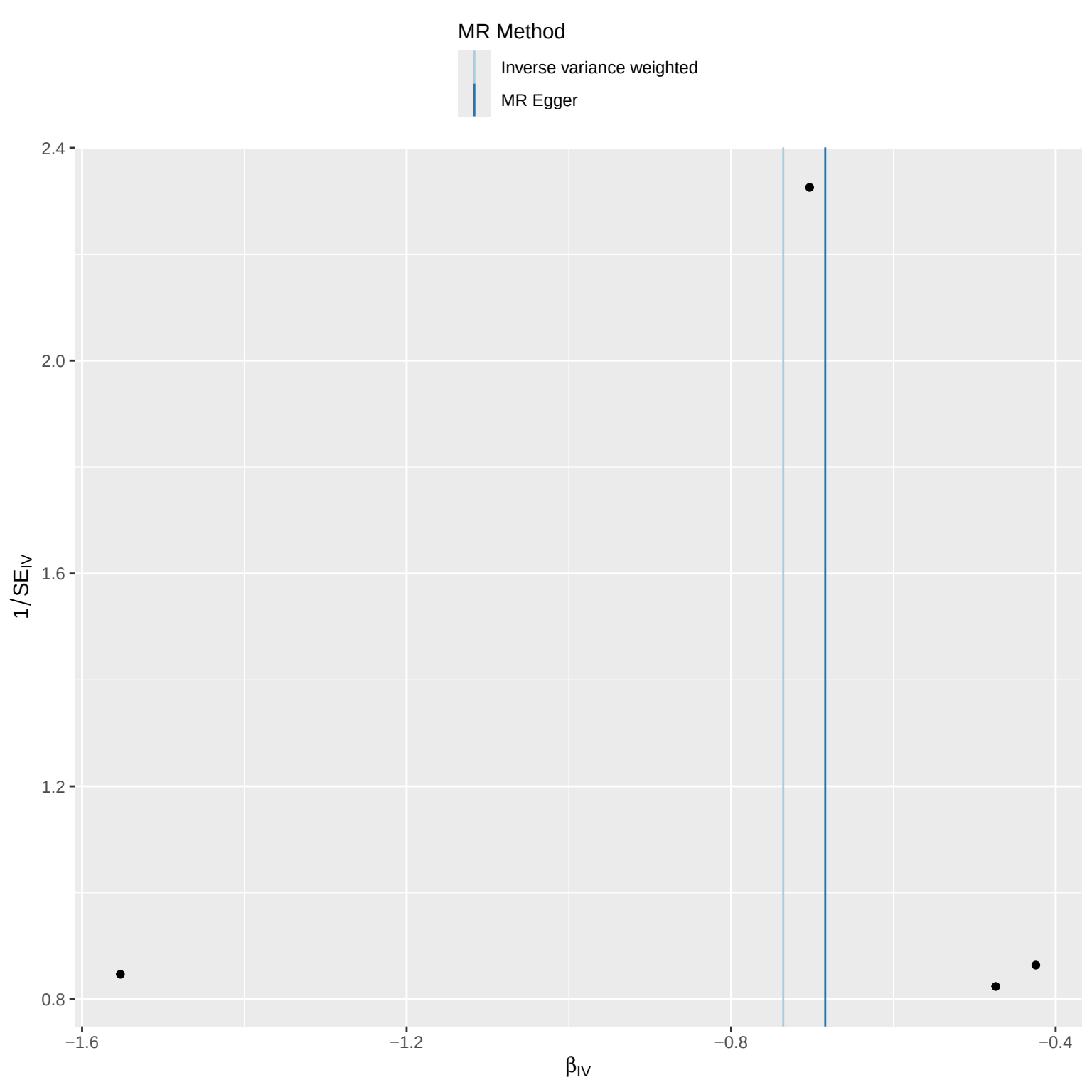

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
β_IV

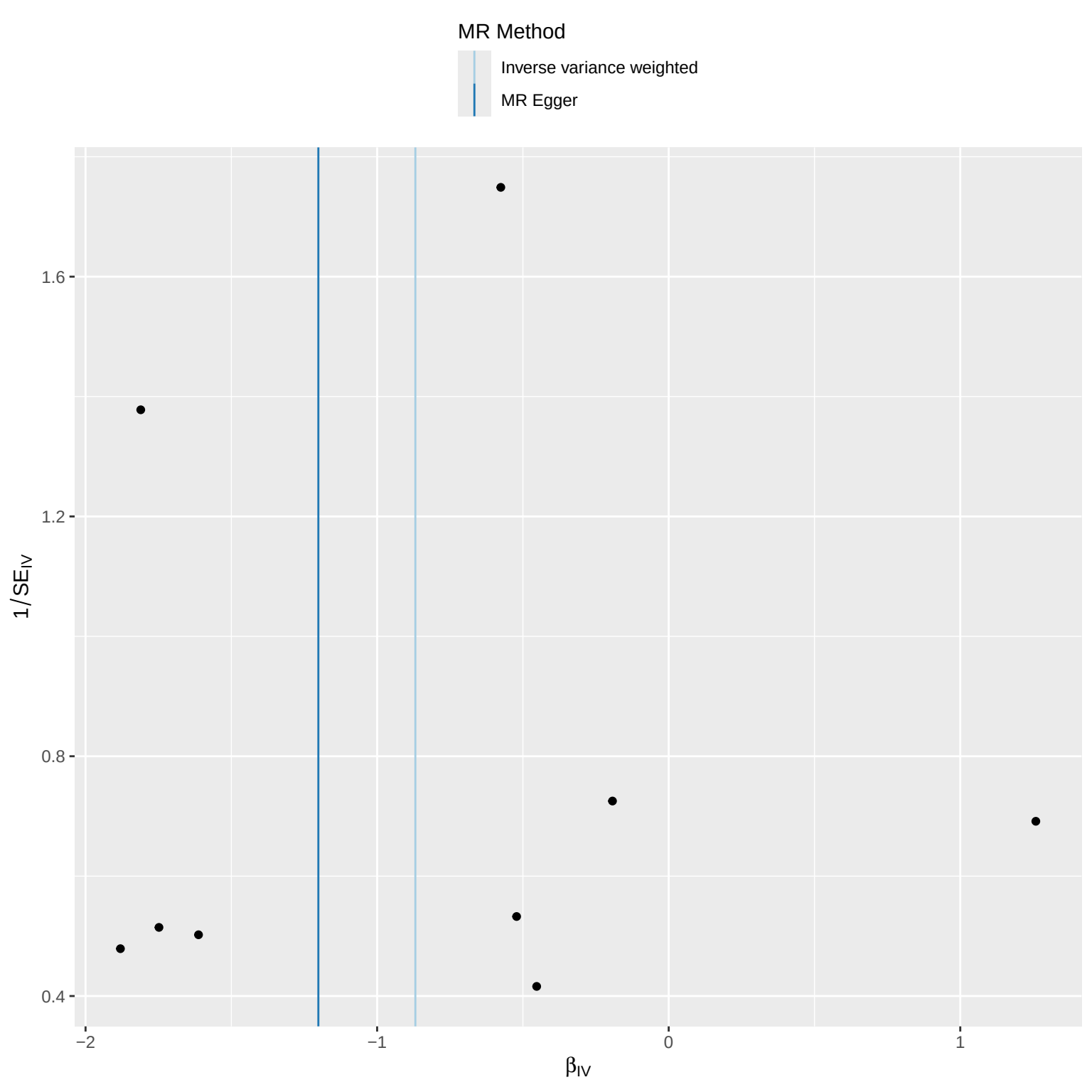

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

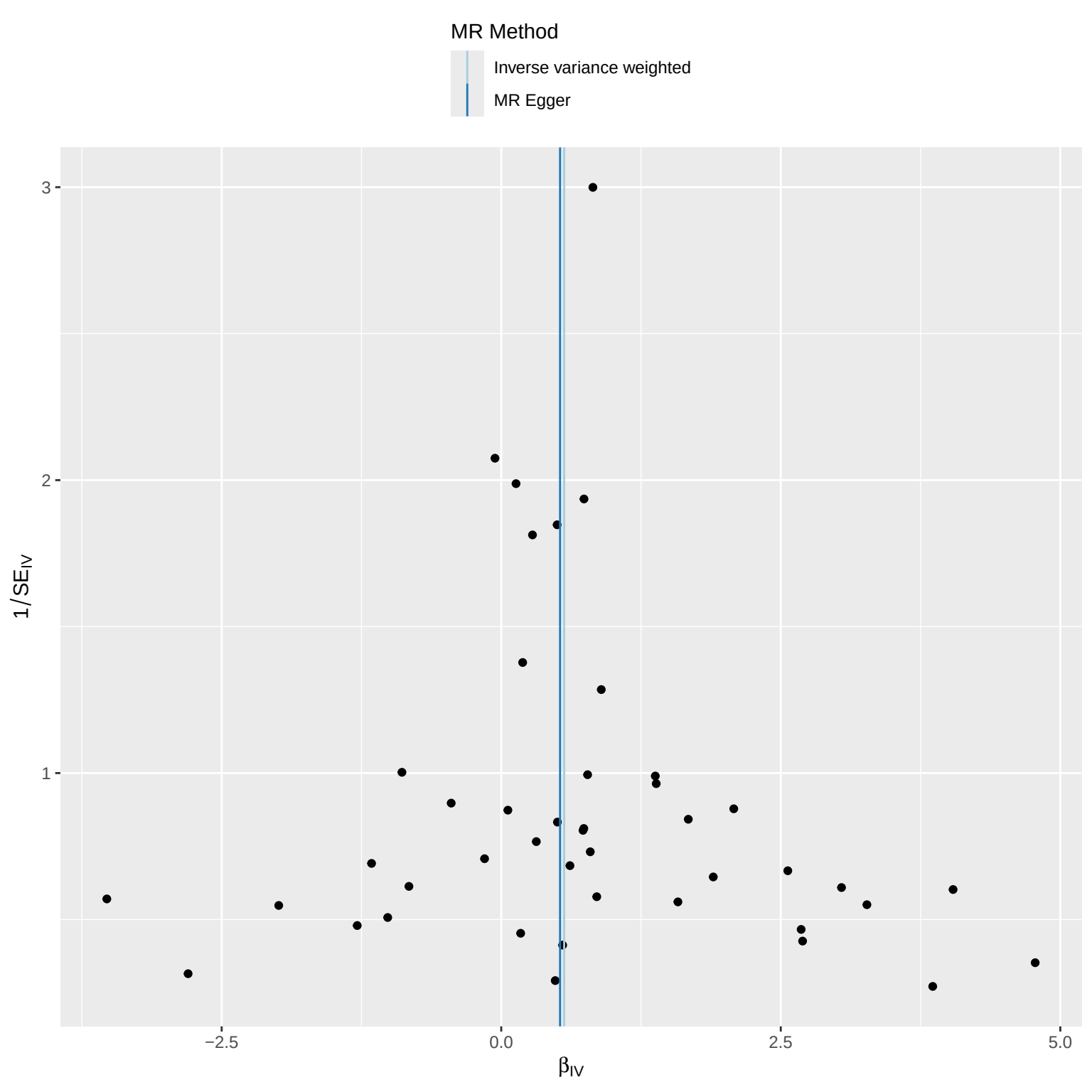

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.4
0.8
1.2
β_IV

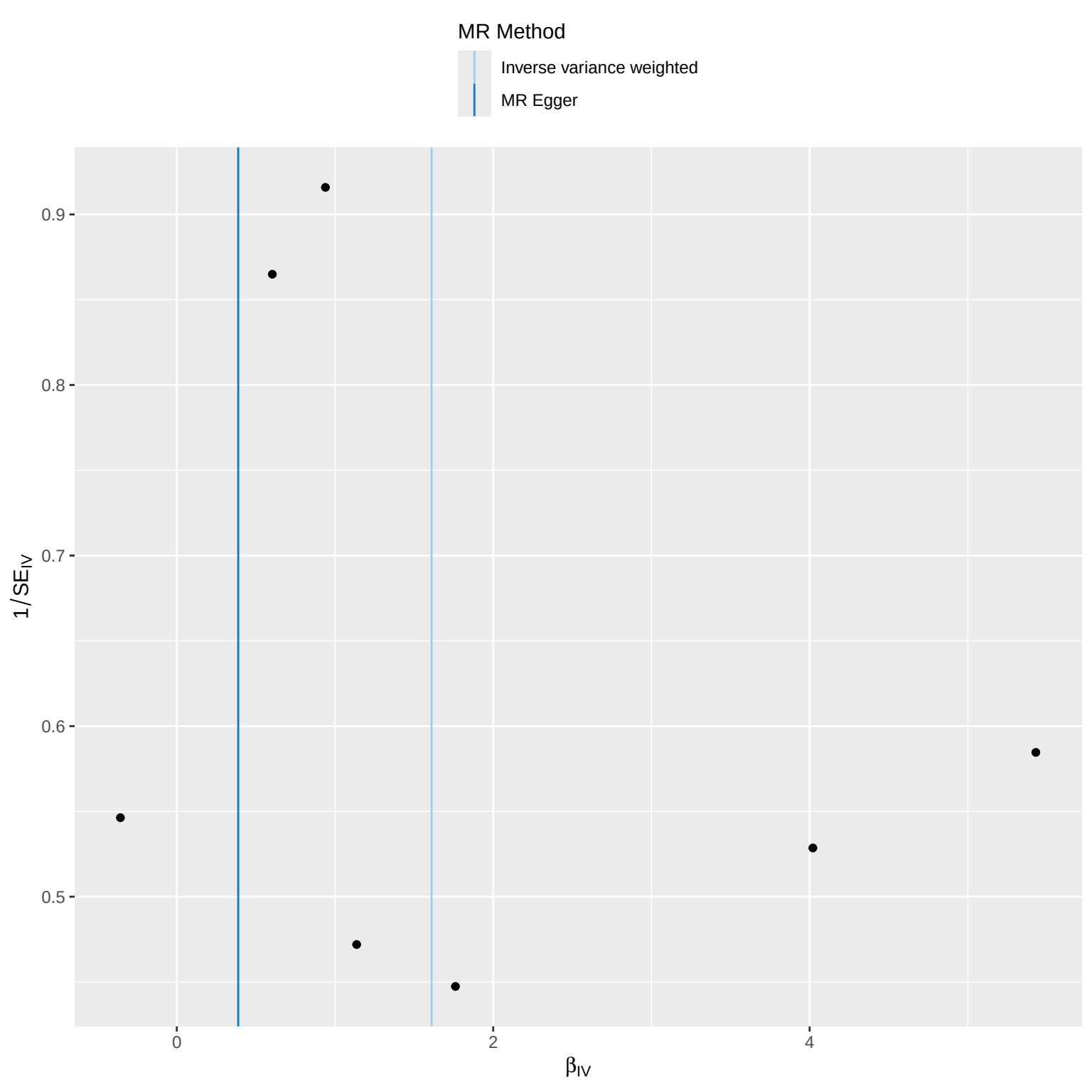

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

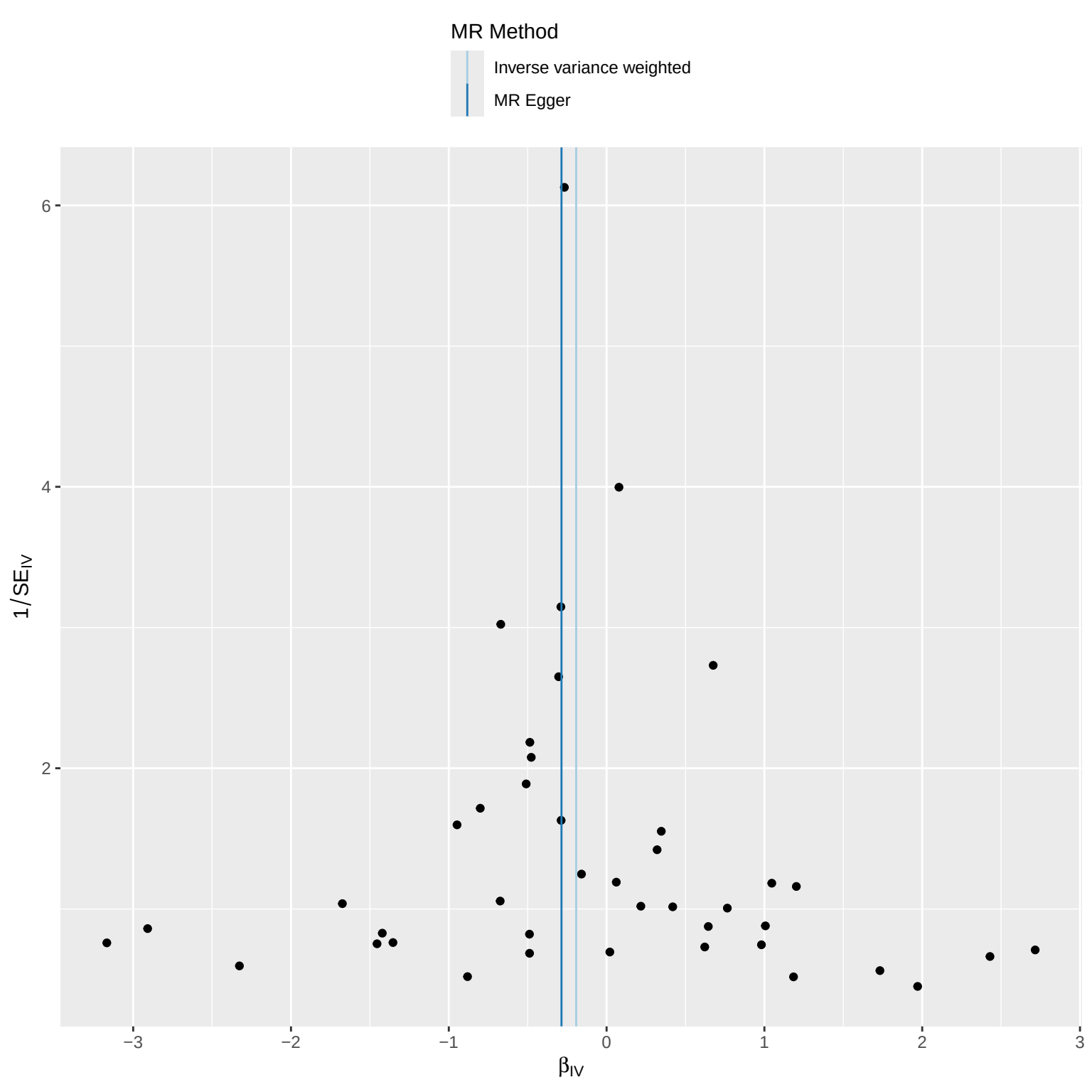

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

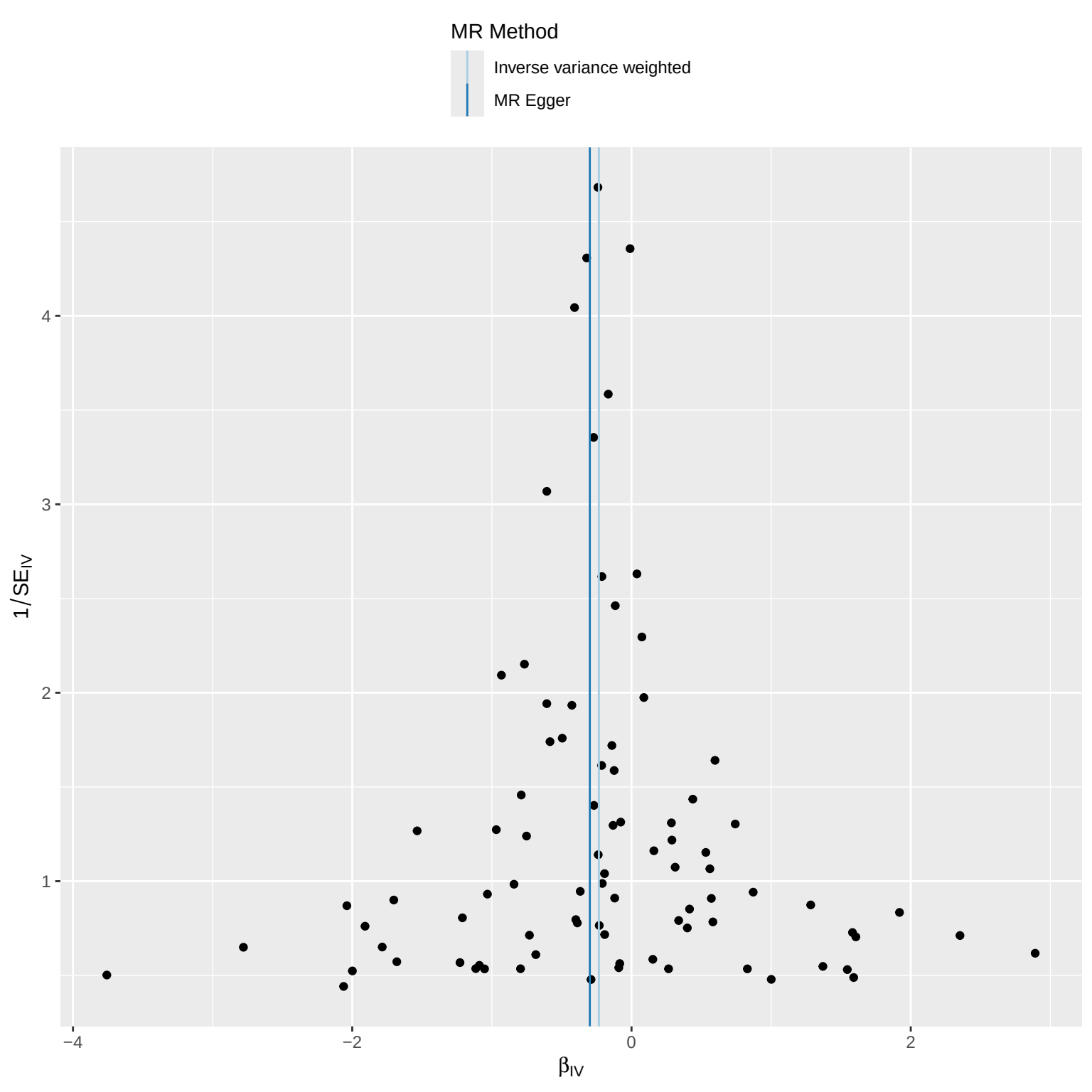

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−1.6
−1.2
−0.8
−0.4
β_IV

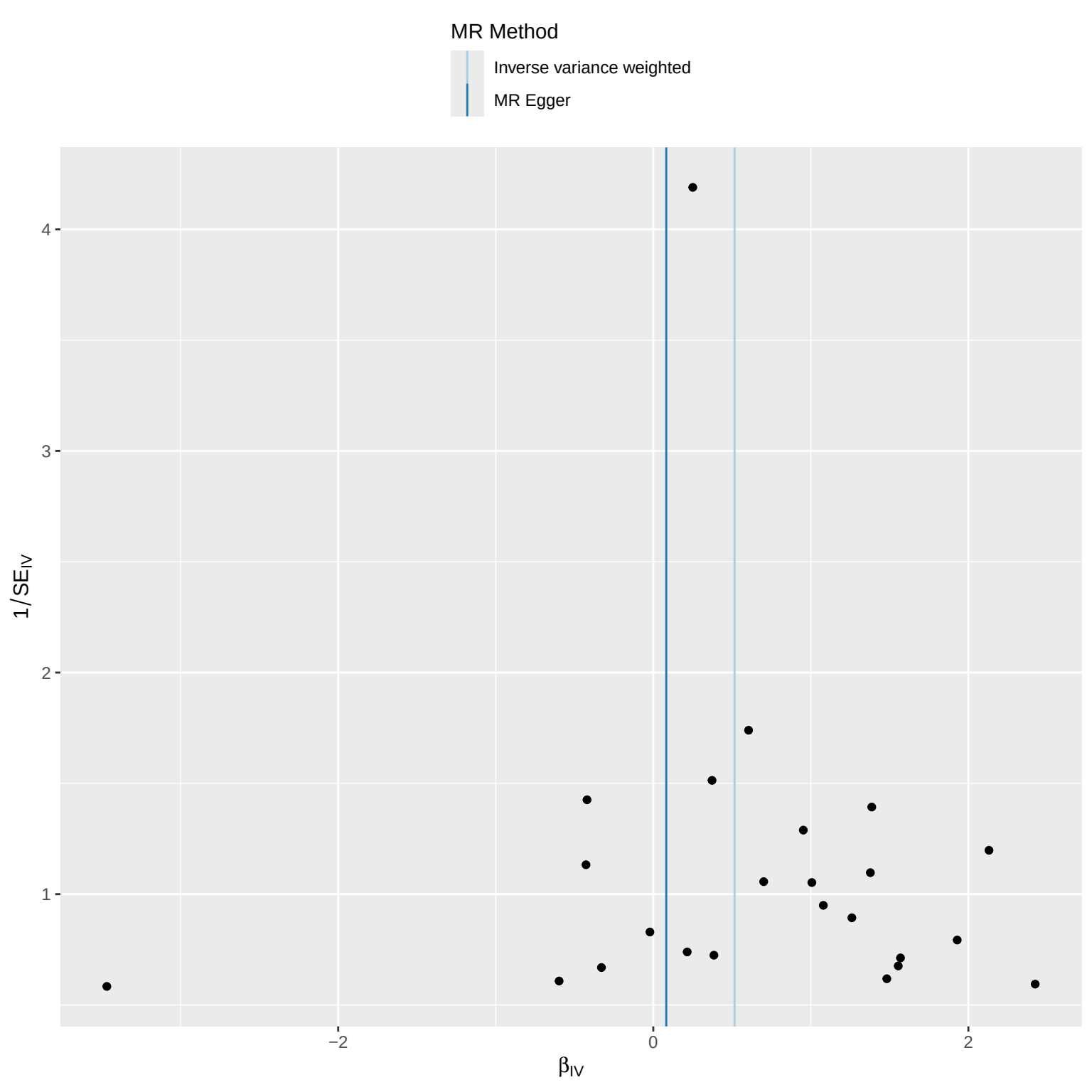

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

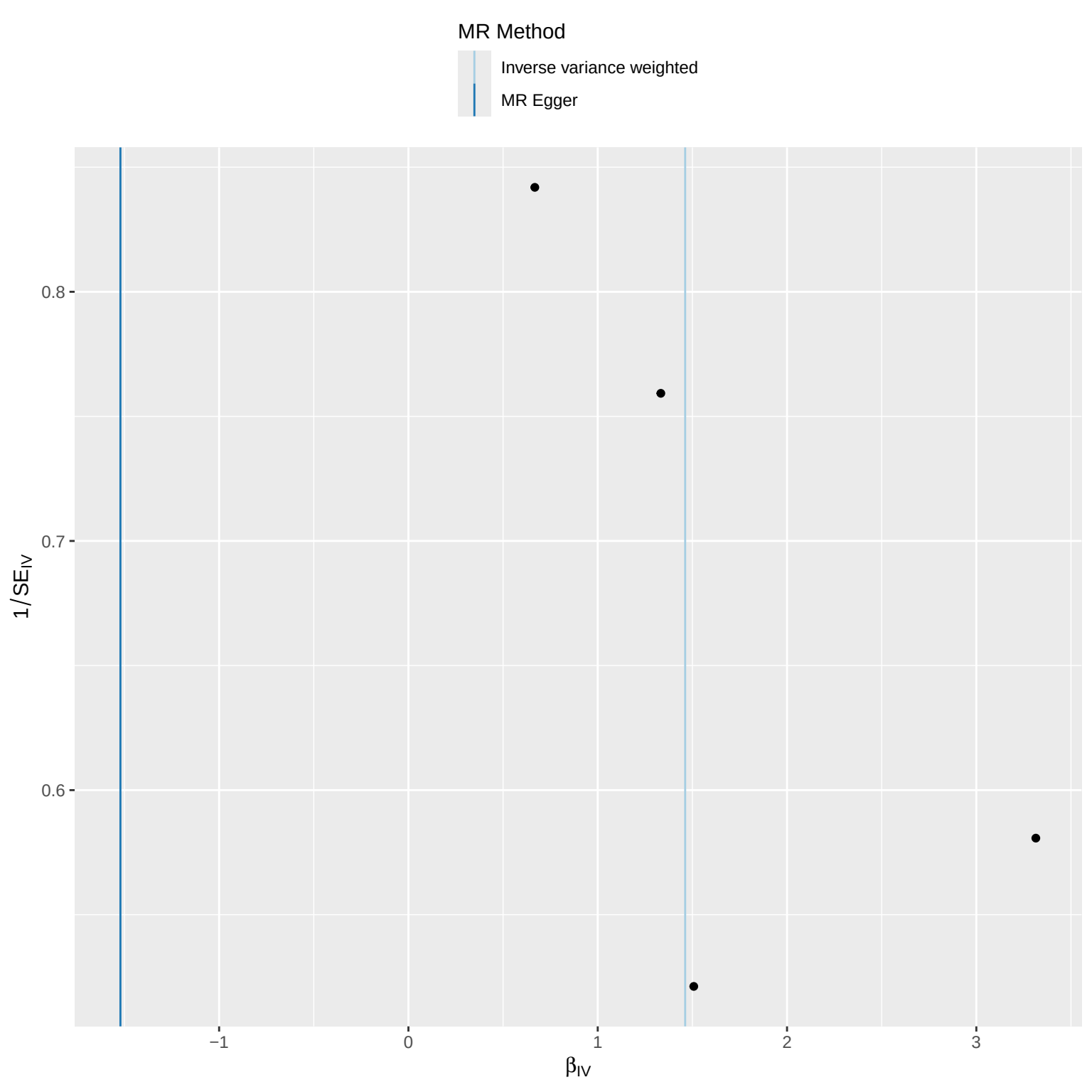

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

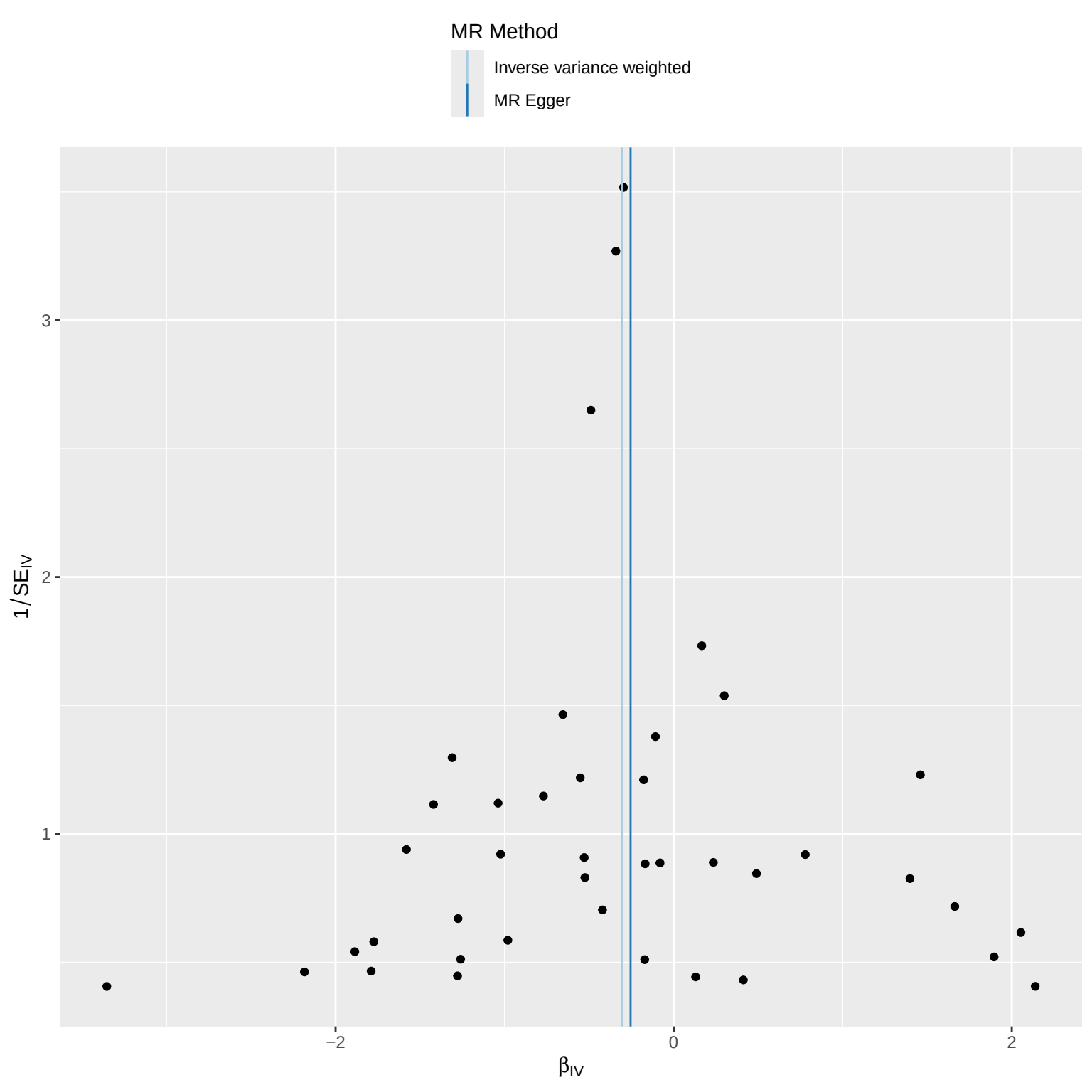

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
0
2
4
β_IV

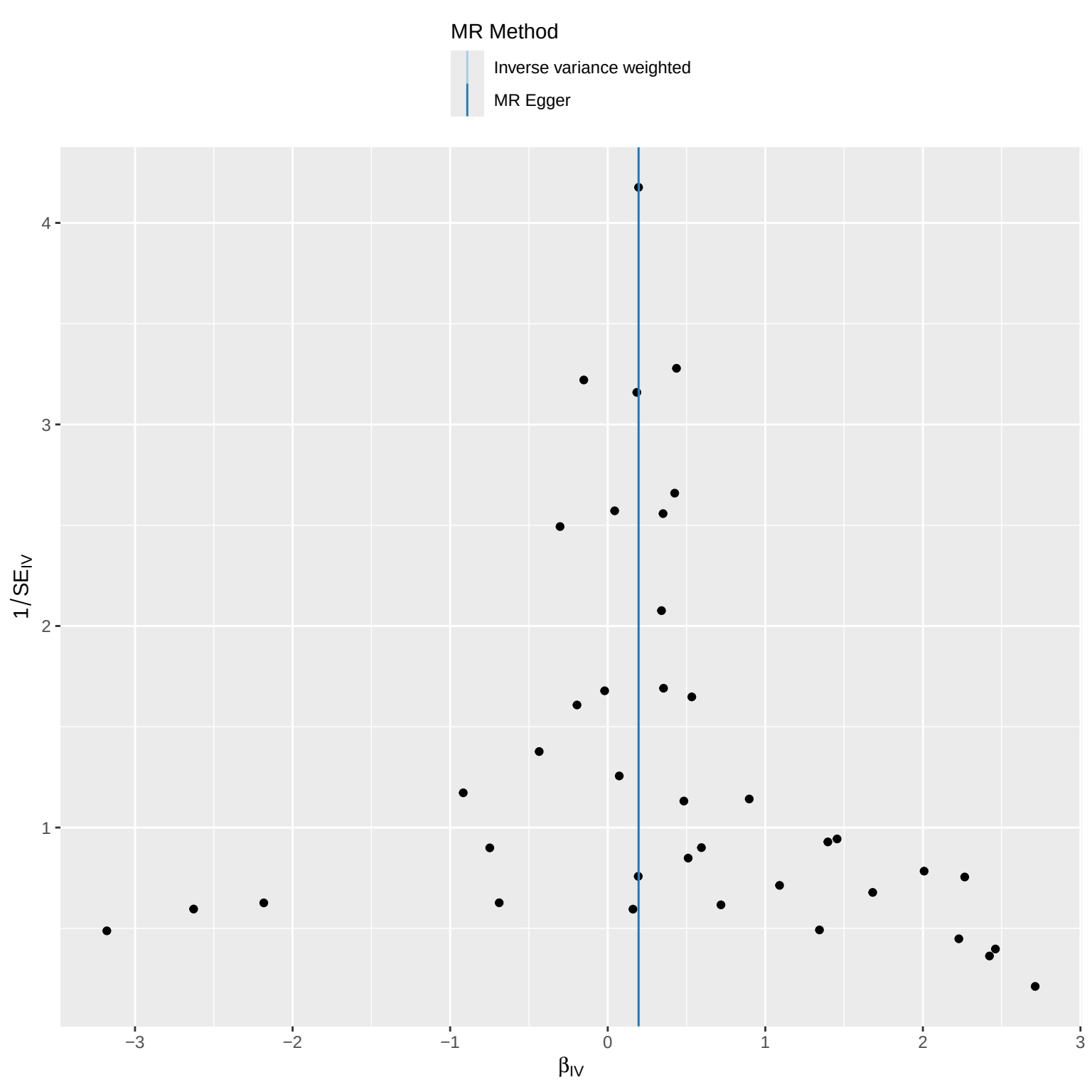

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

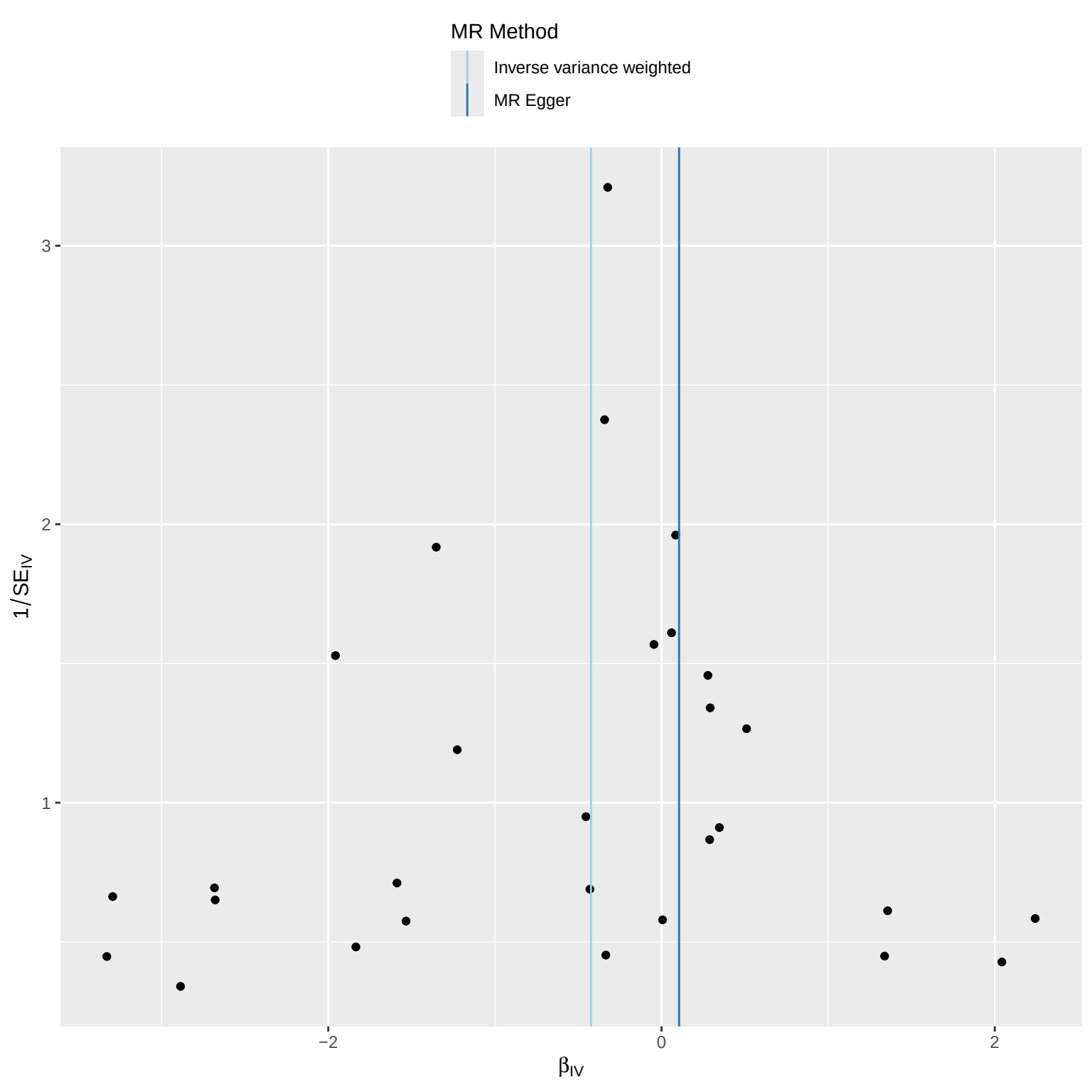

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
−4
−2
0
2
β_IV

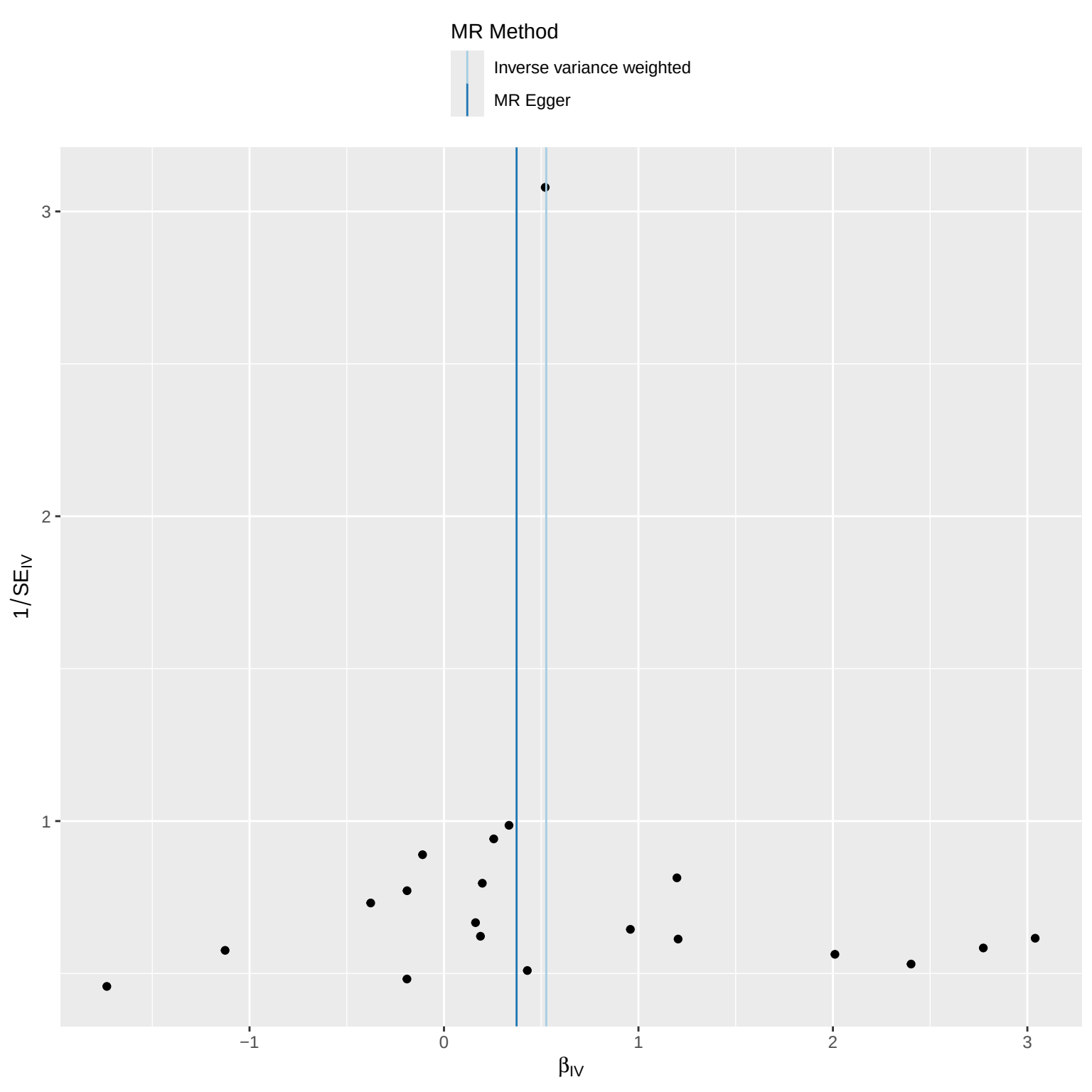

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

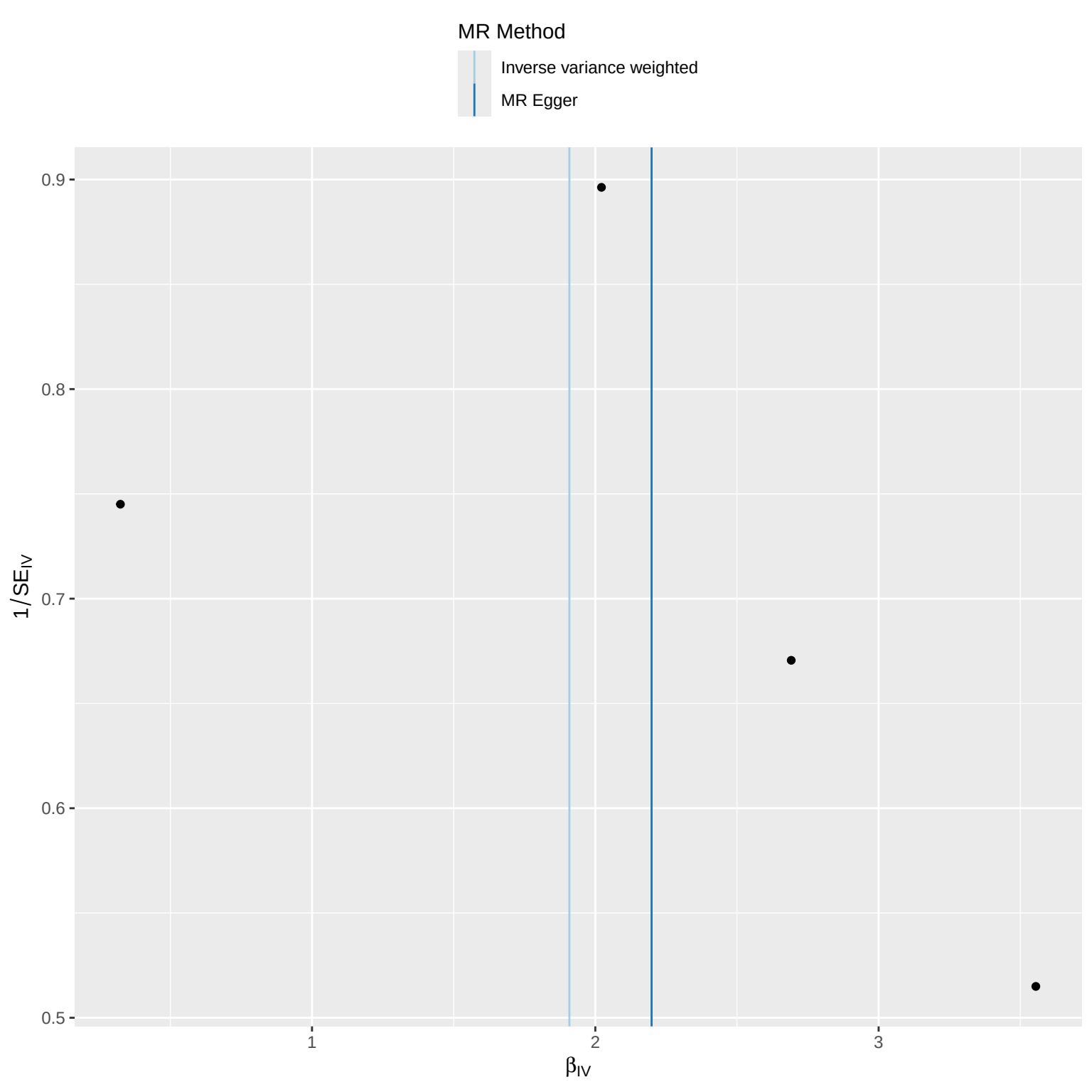

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
1/SE_IV
−1
0
1
2
3
β_IV

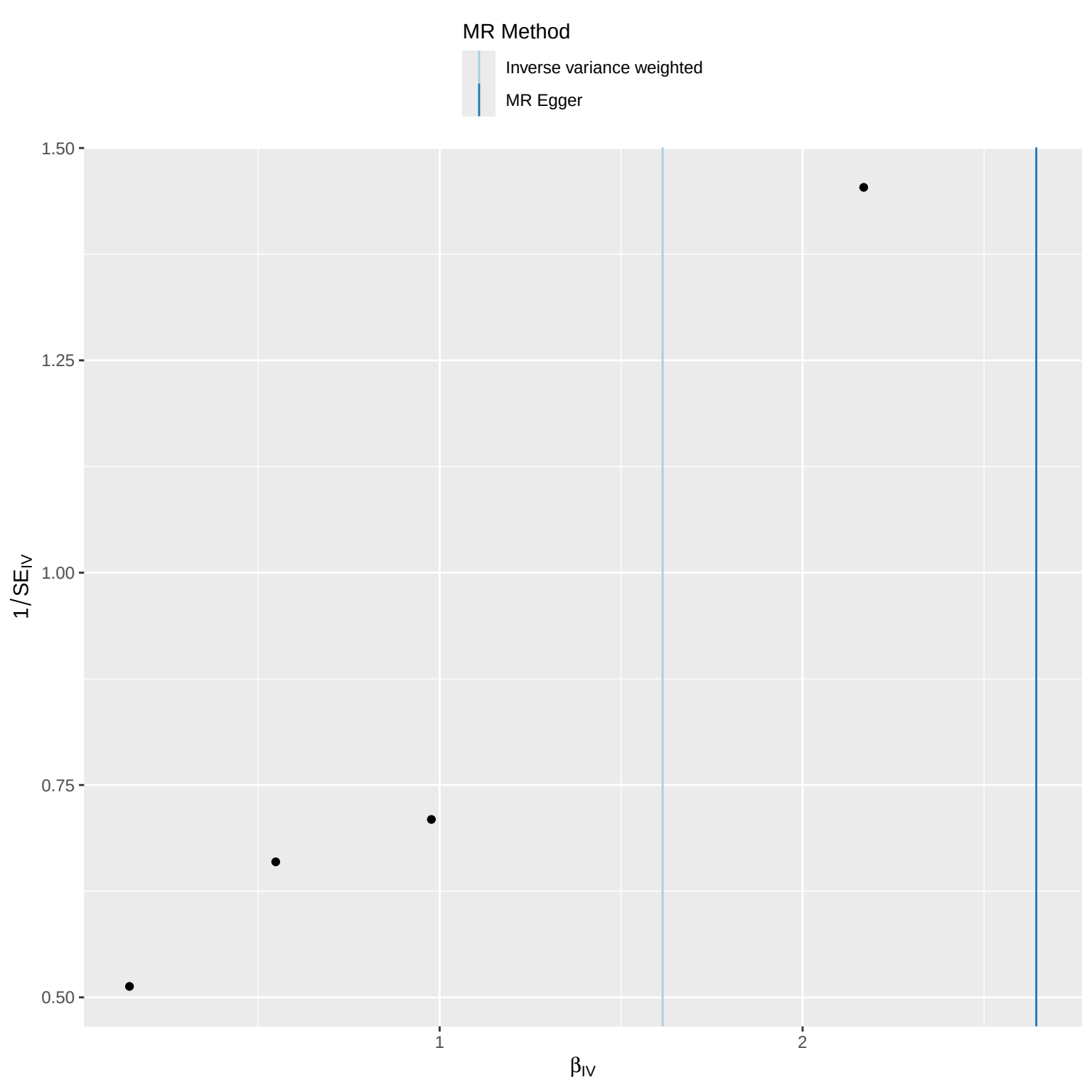

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

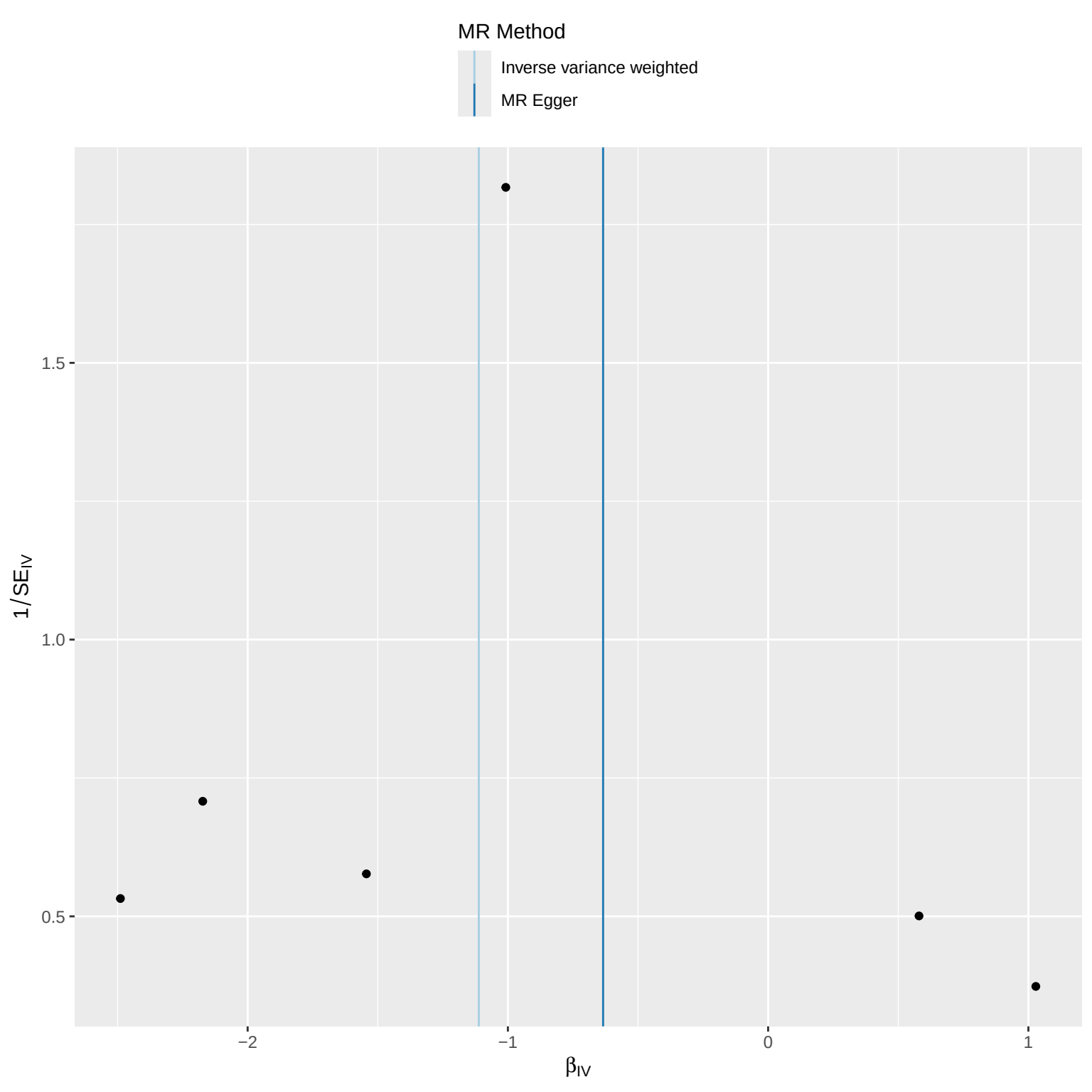

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

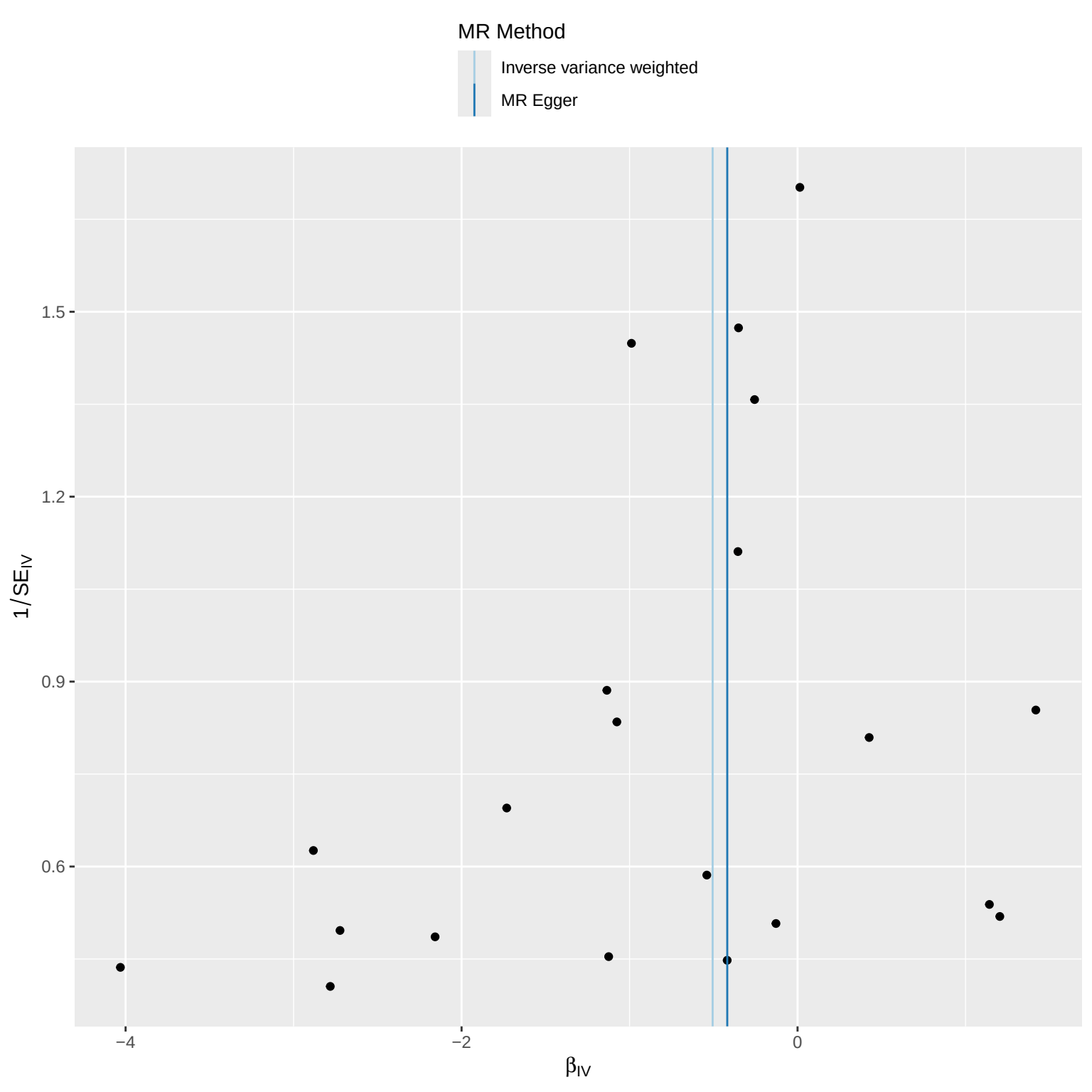

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

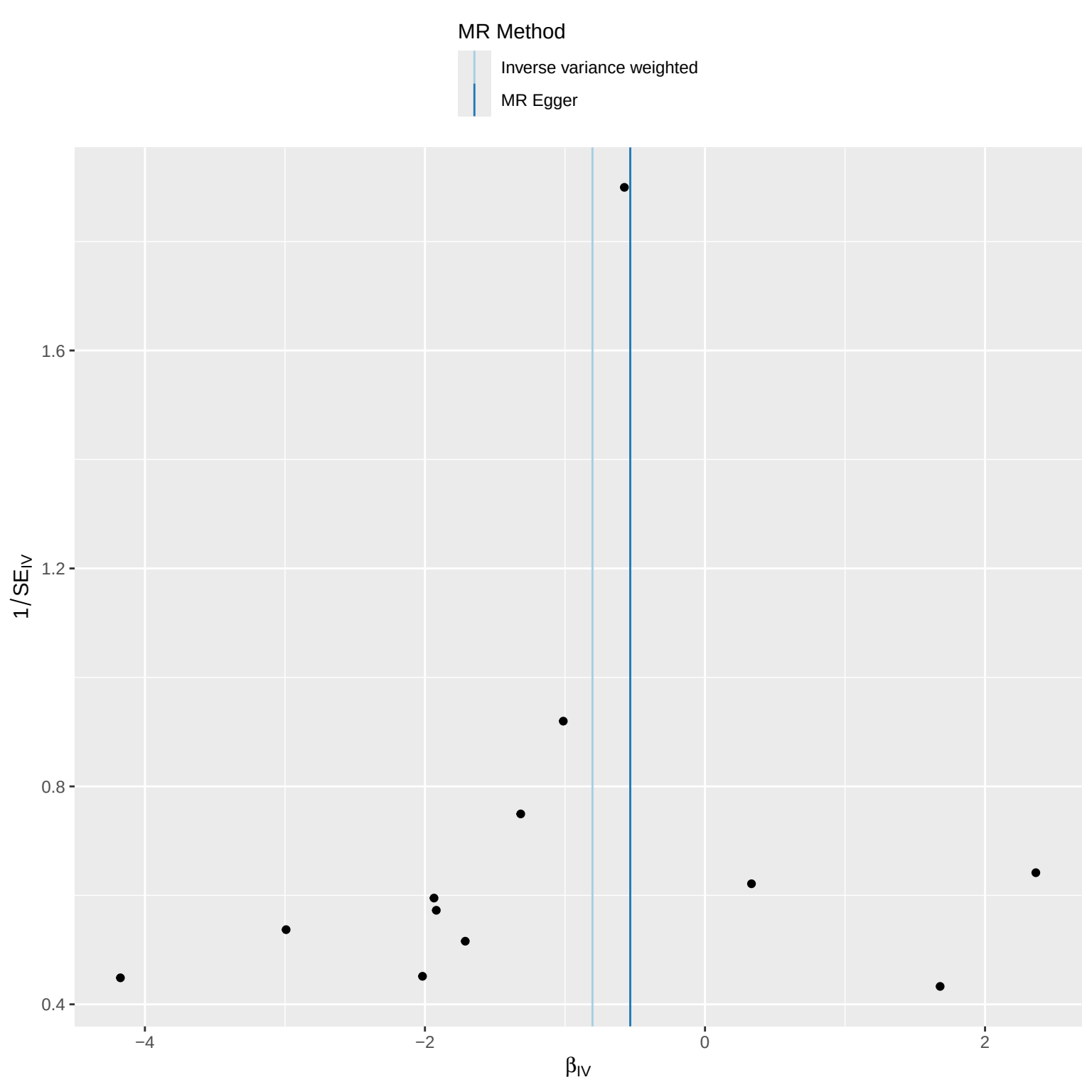

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

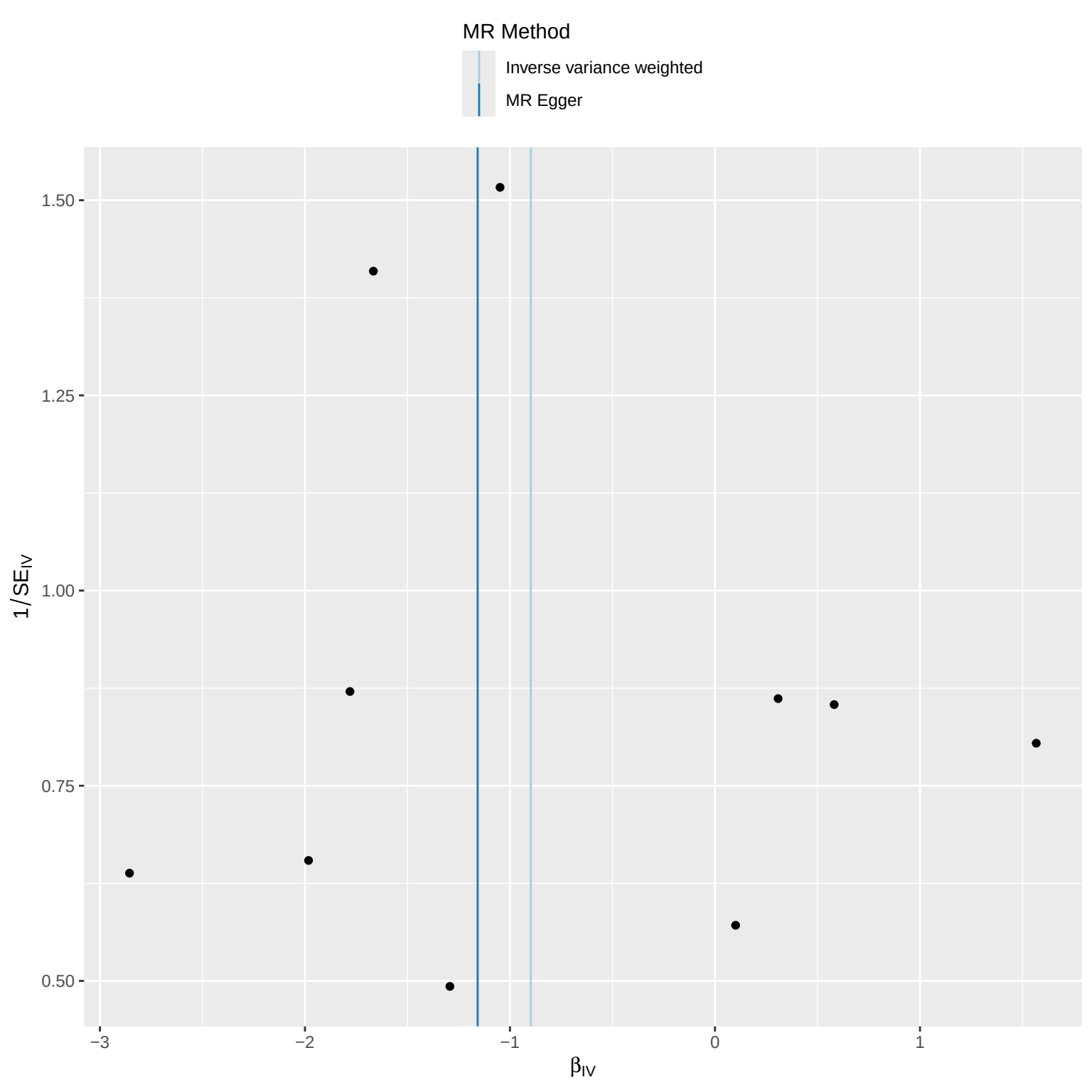

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
1
2
3
β_IV

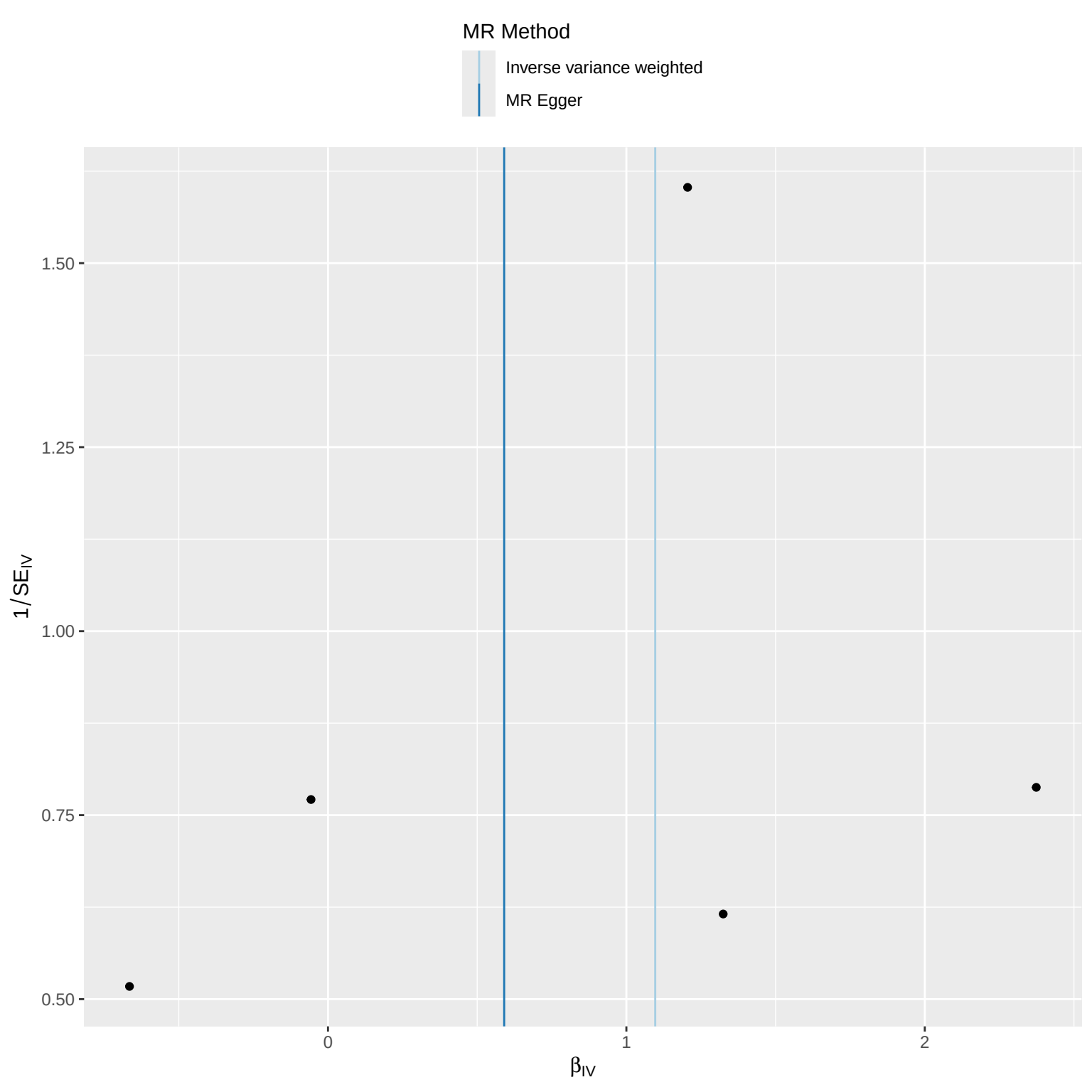

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
1
2
β_IV

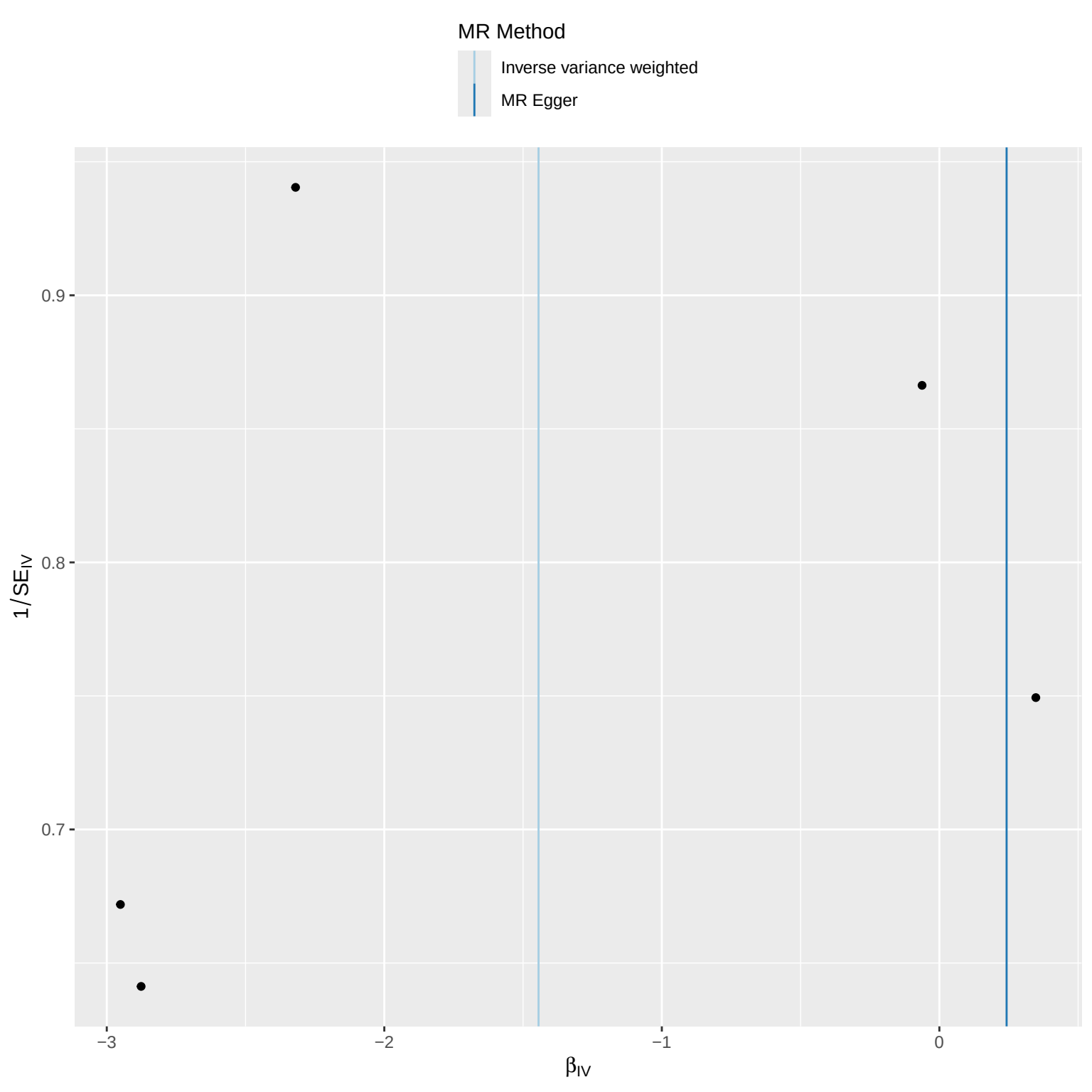

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

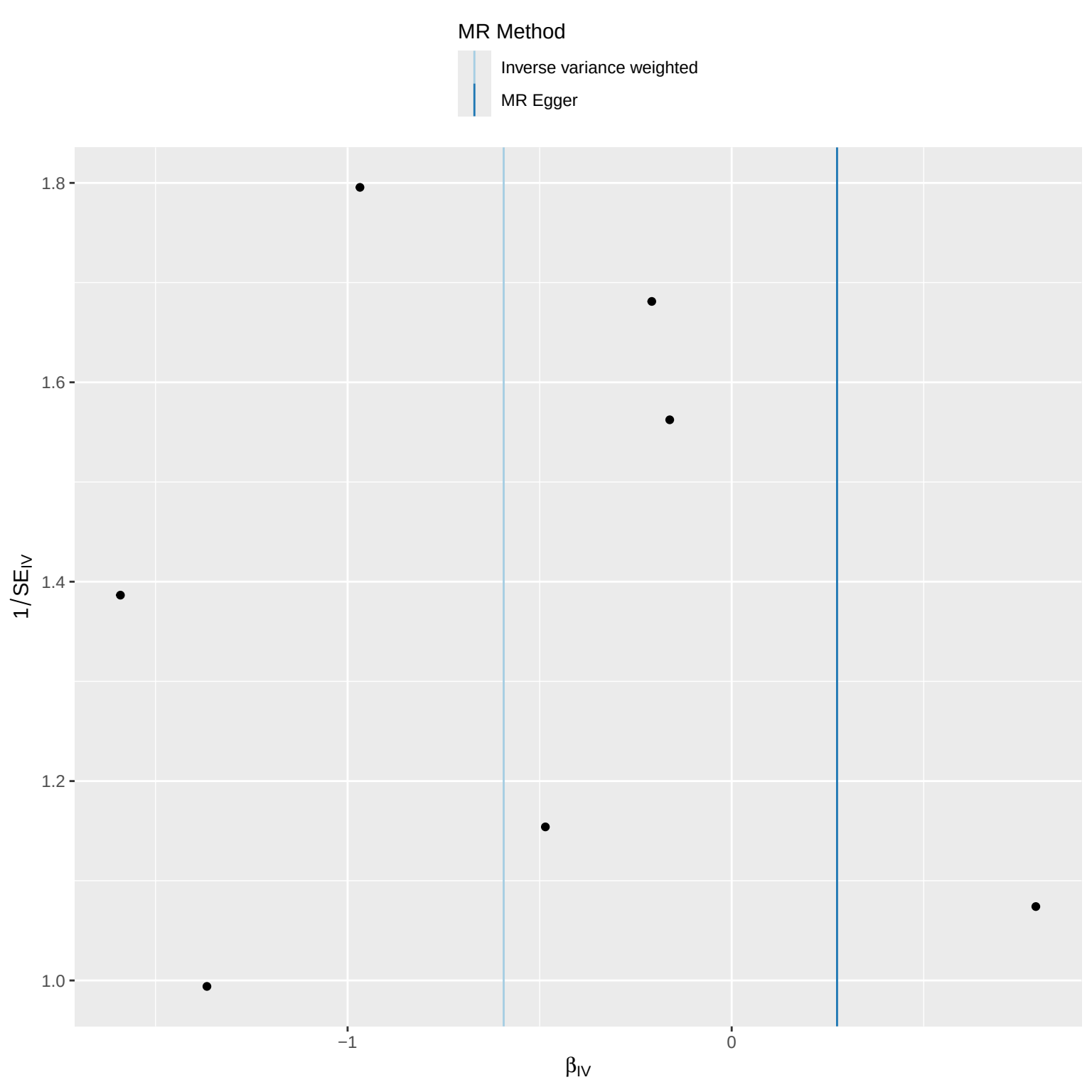

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−4
−2
0
β_IV

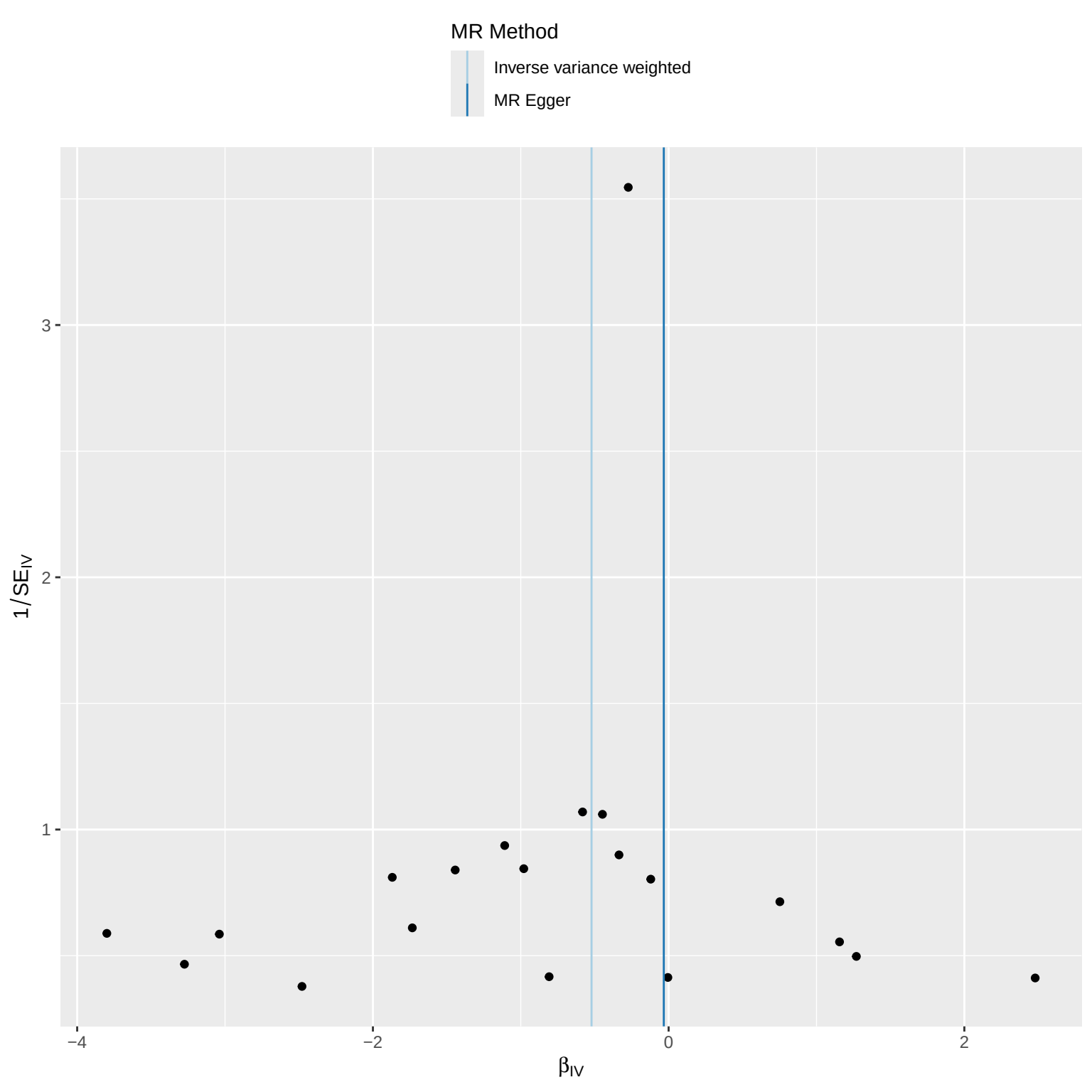

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
β_IV

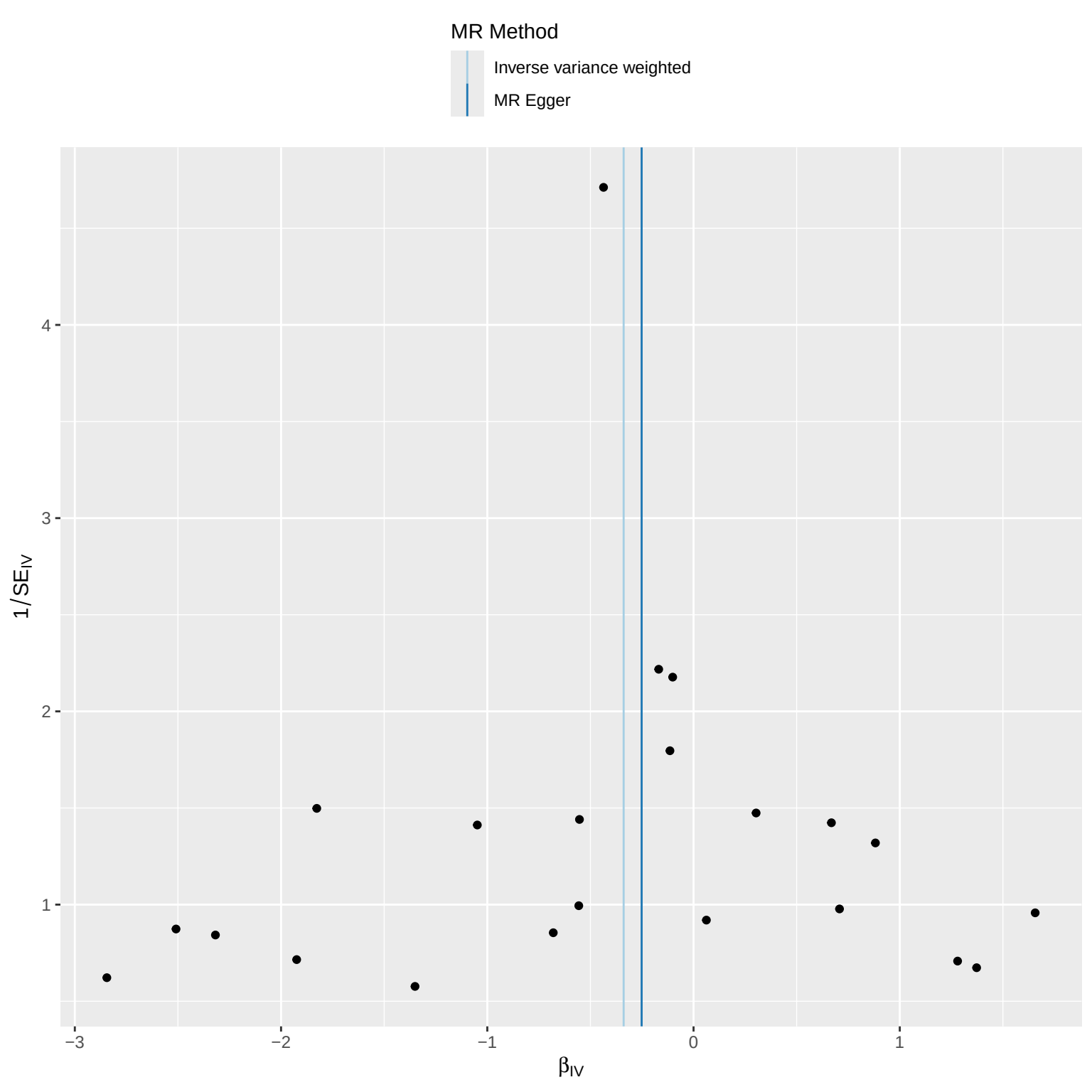

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

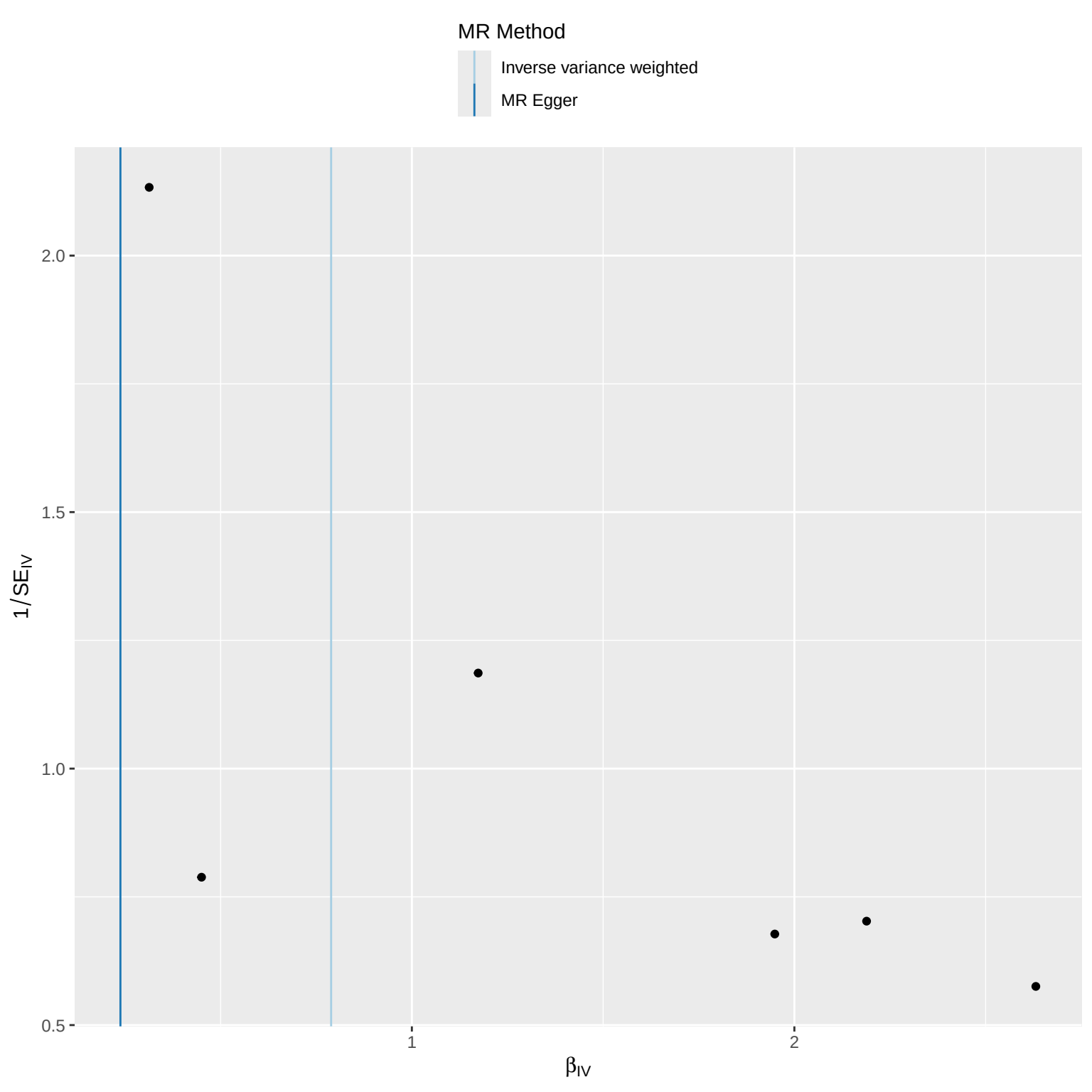

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
β_IV

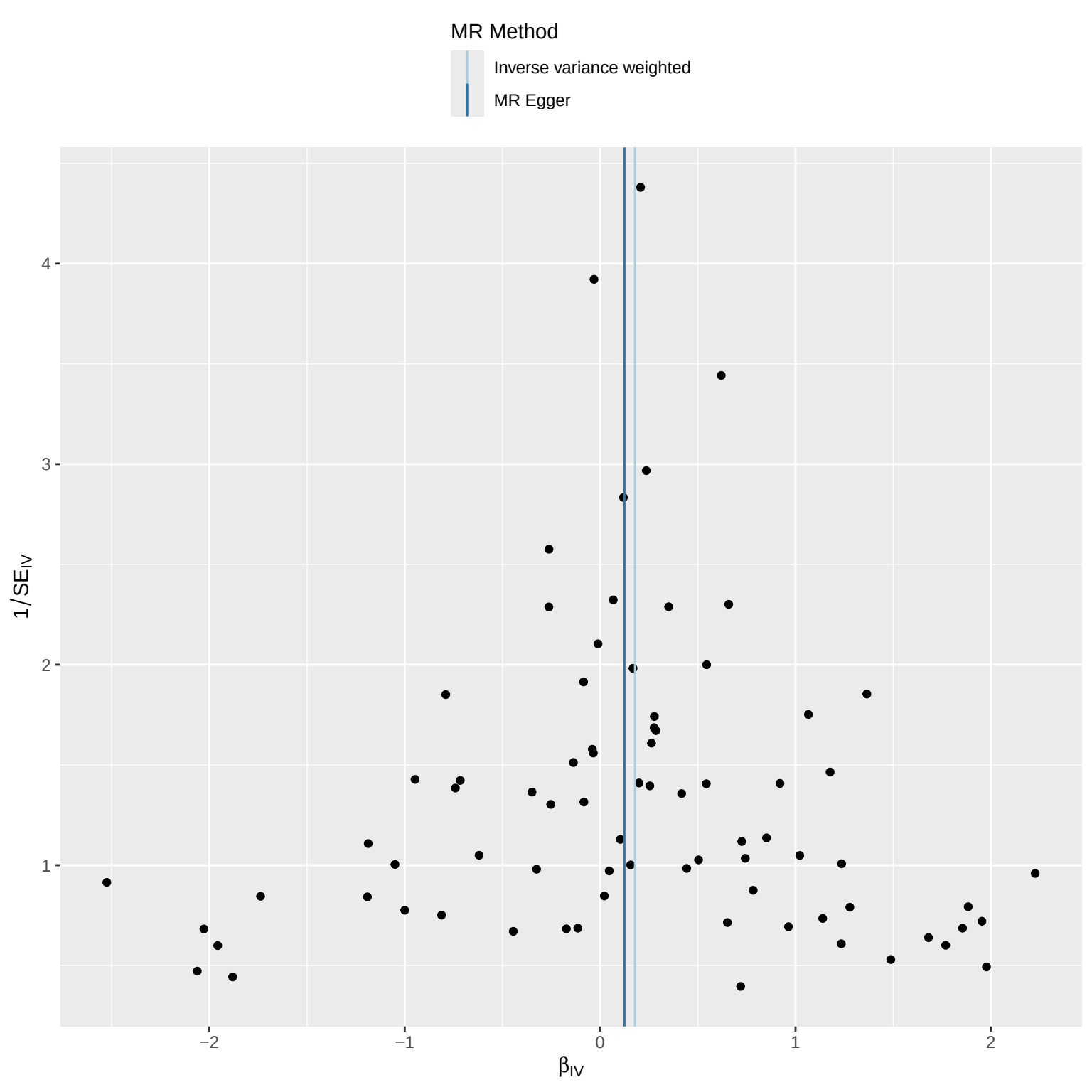

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
1/SE_IV
−3
−2
−1
0
β_IV

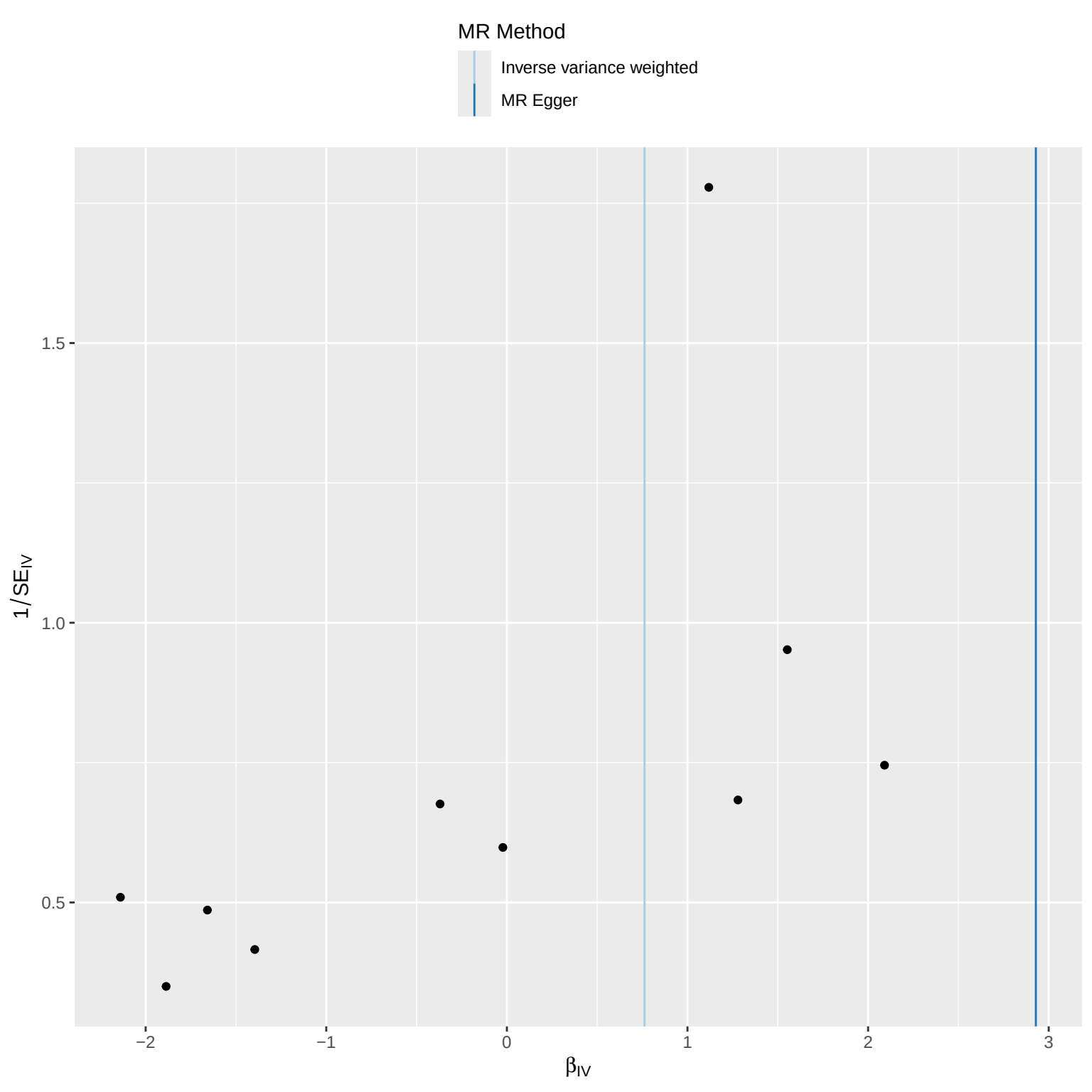

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
−1
0
β_IV

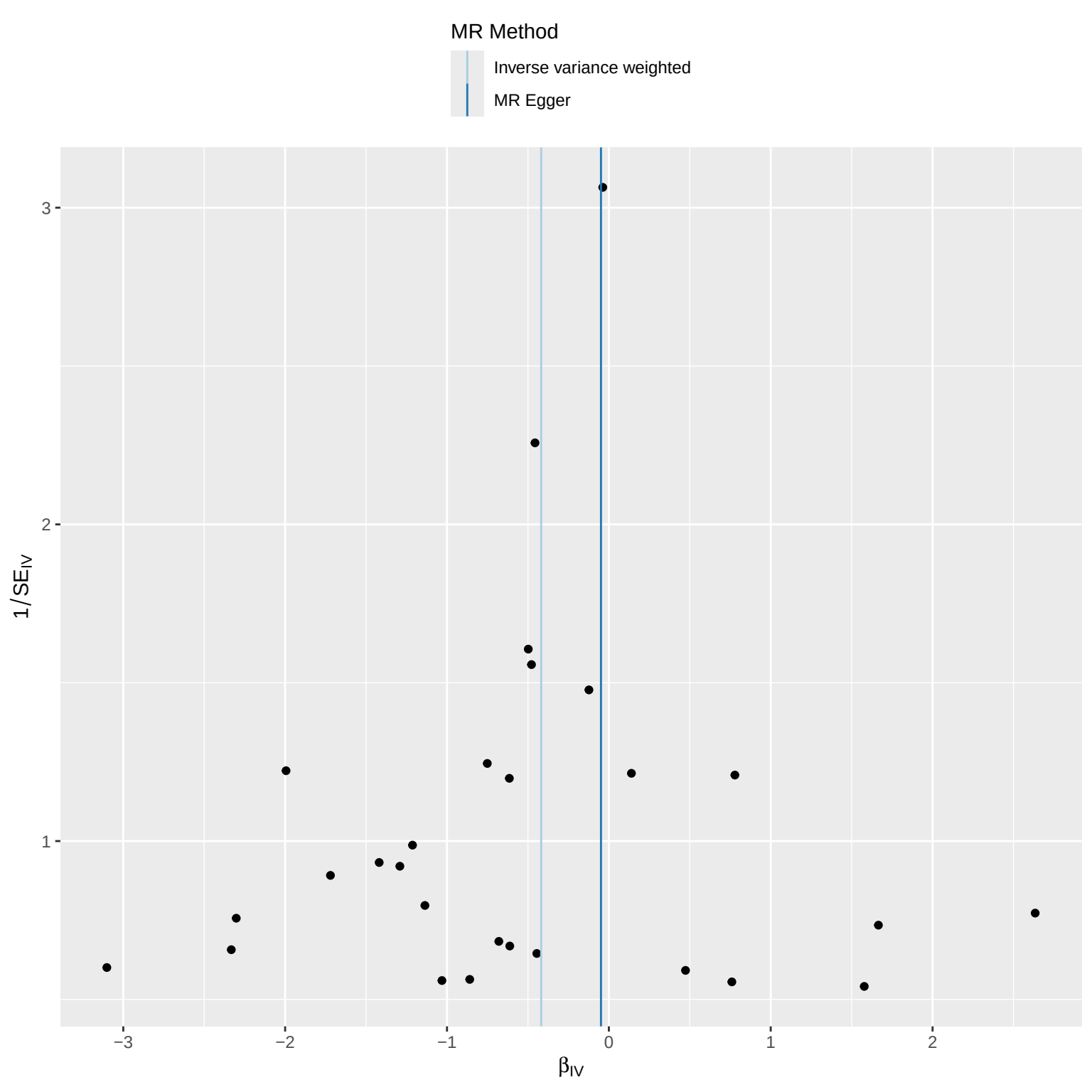

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

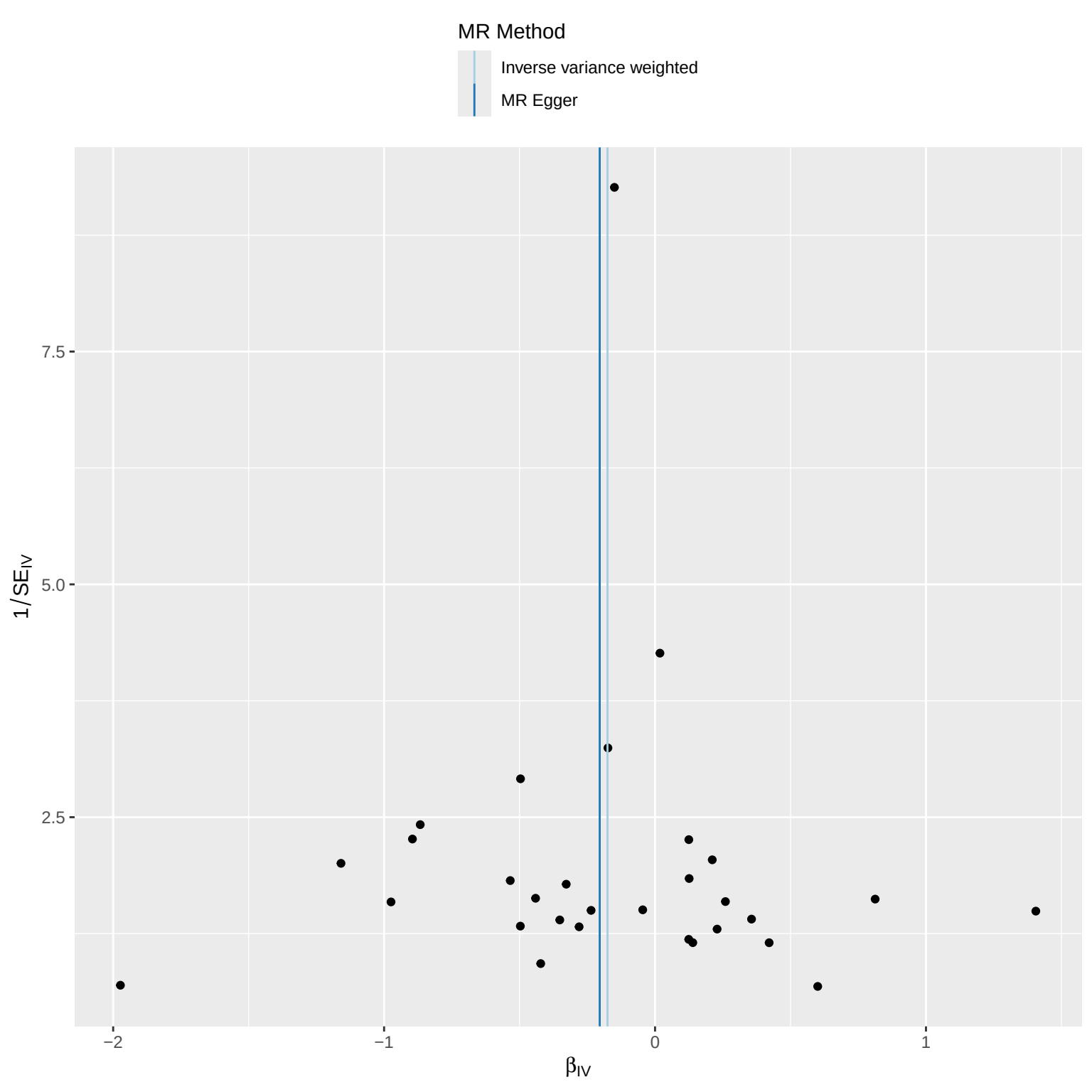

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−3
−2
−1
0
1

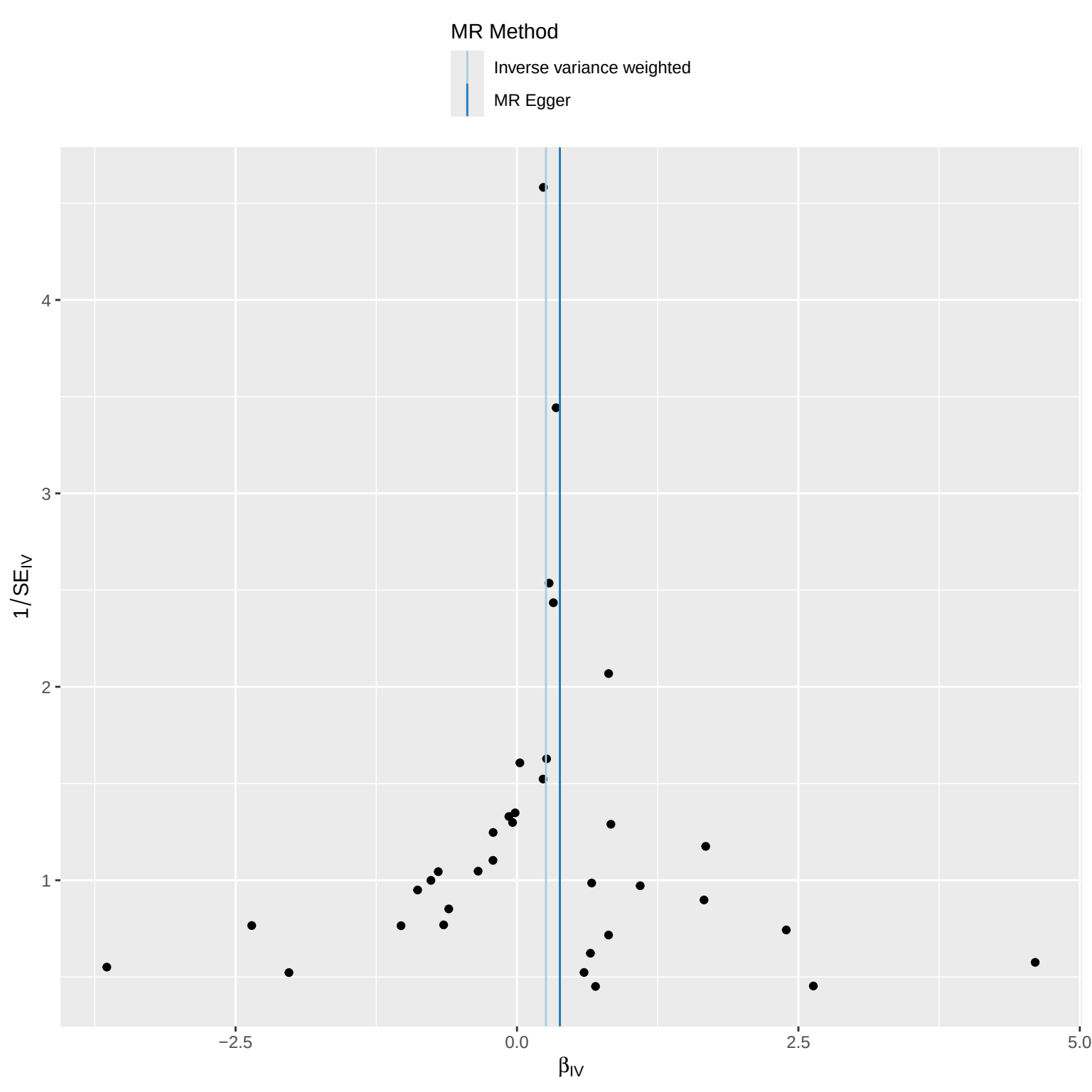

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
1
2
β_IV

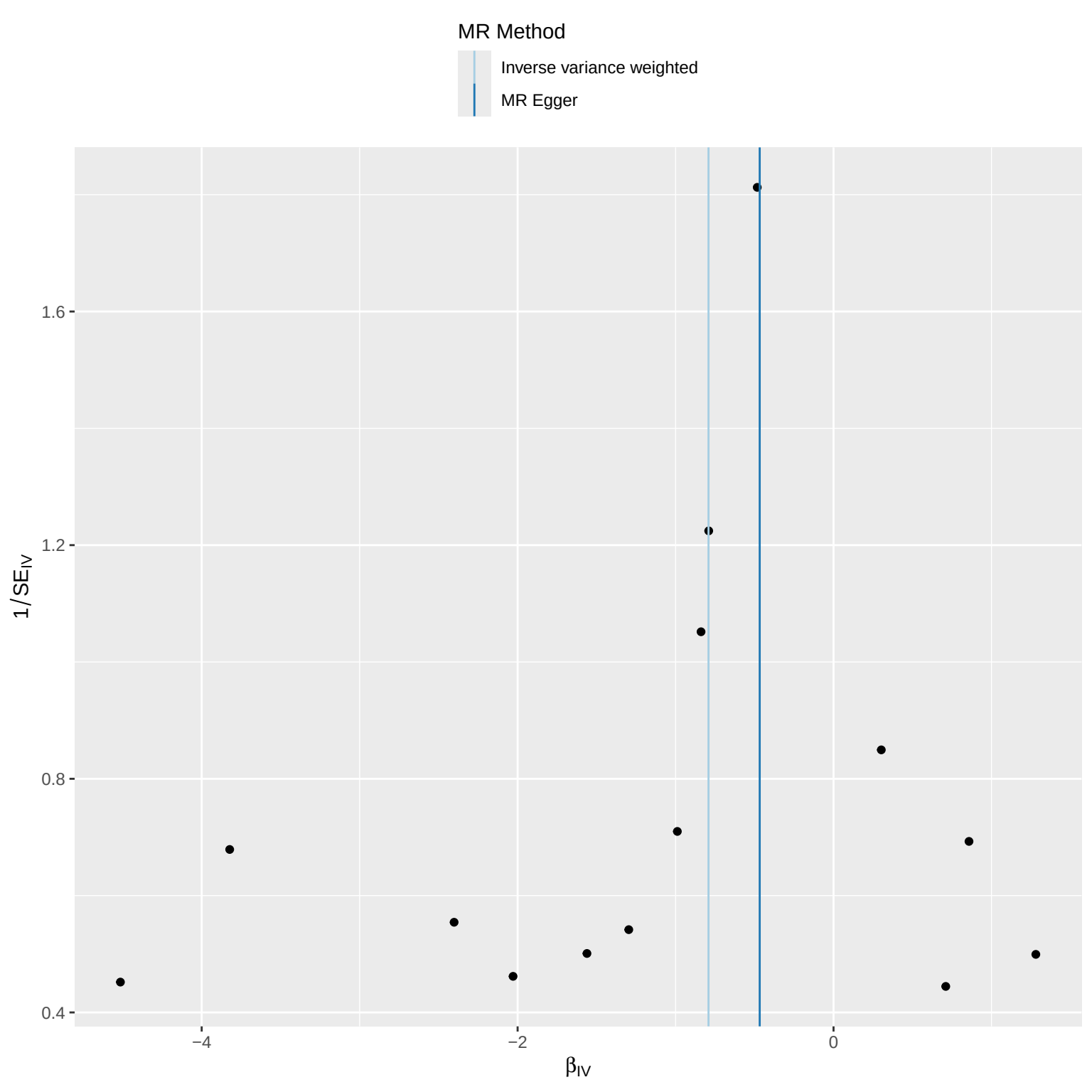

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

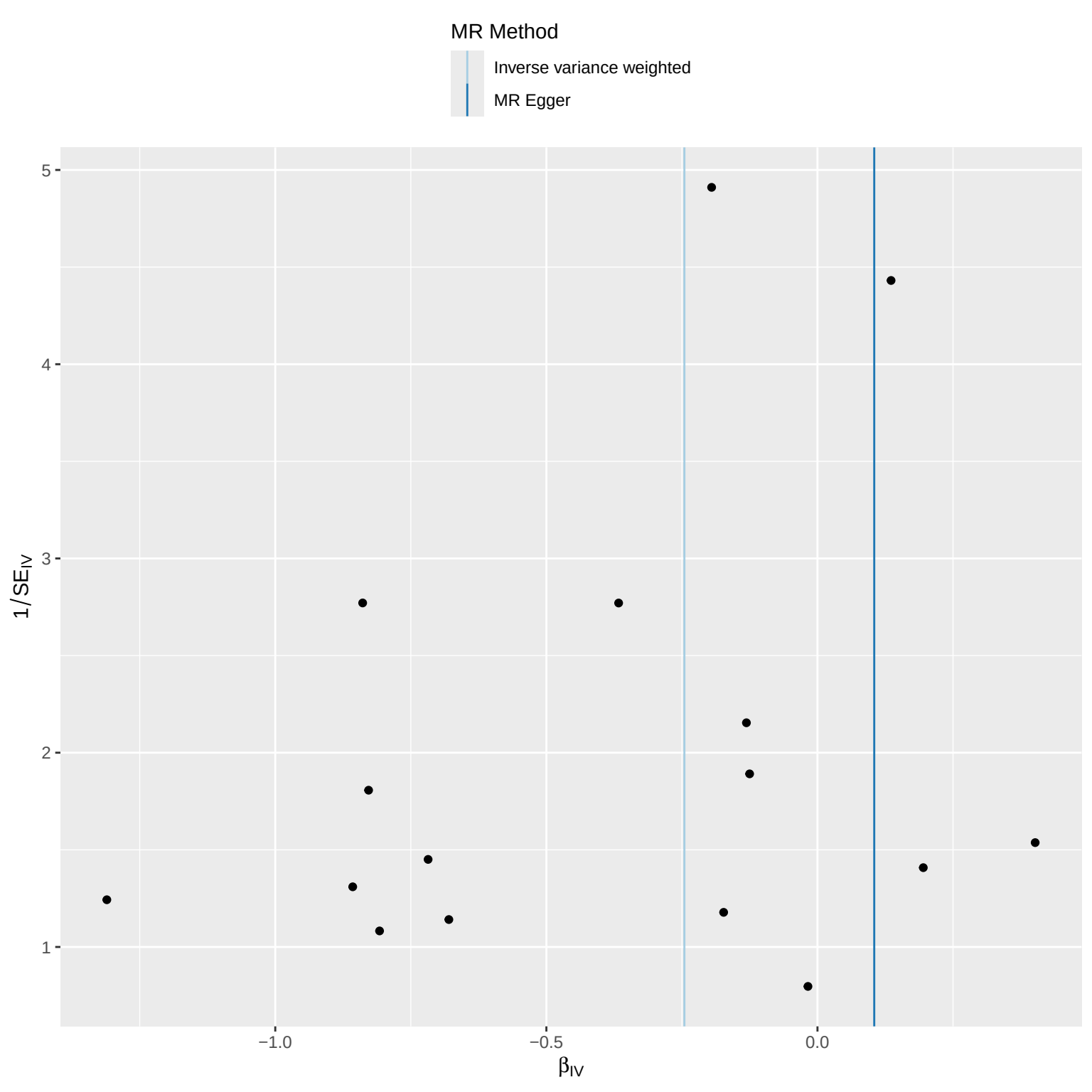

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

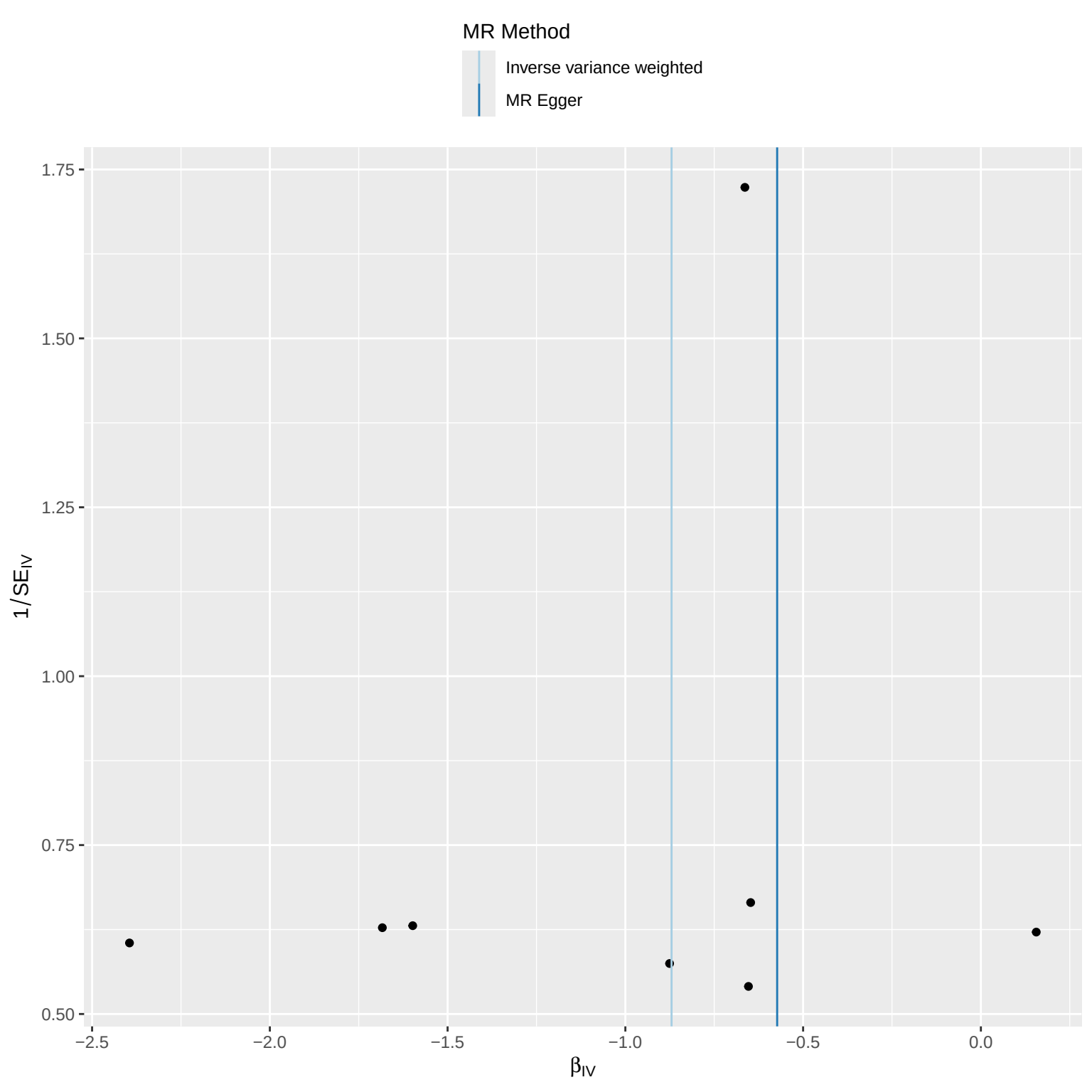

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

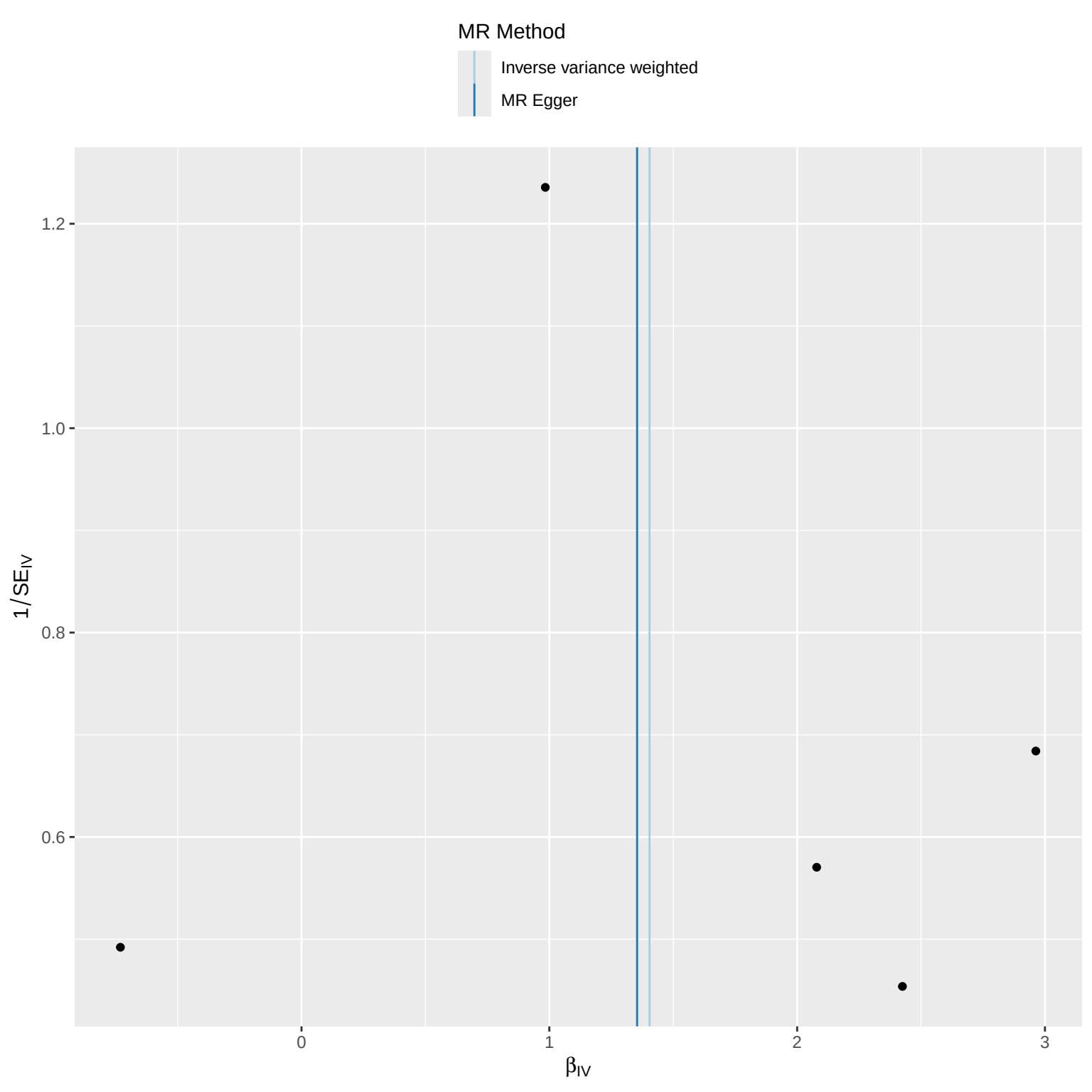

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

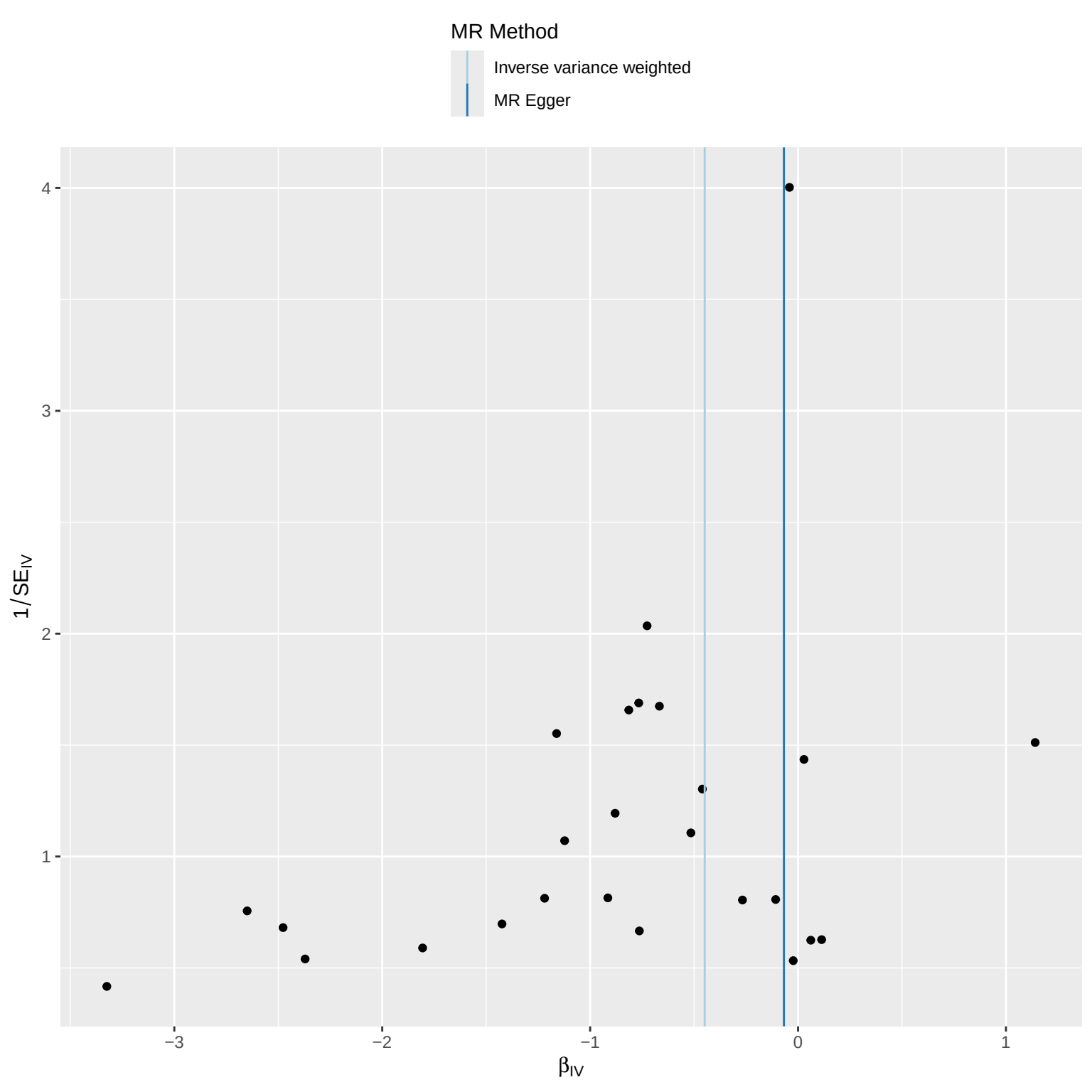

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

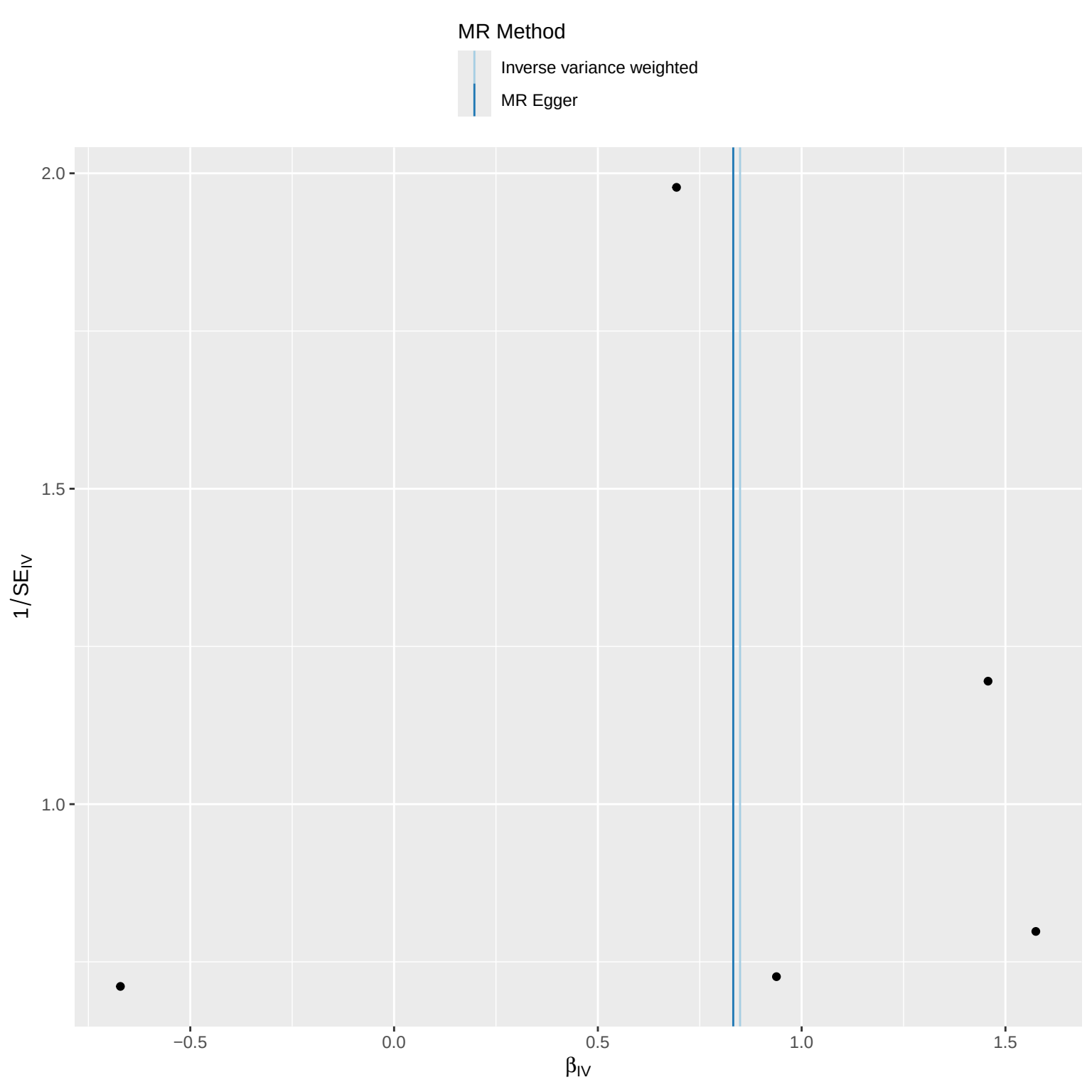

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
β_IV

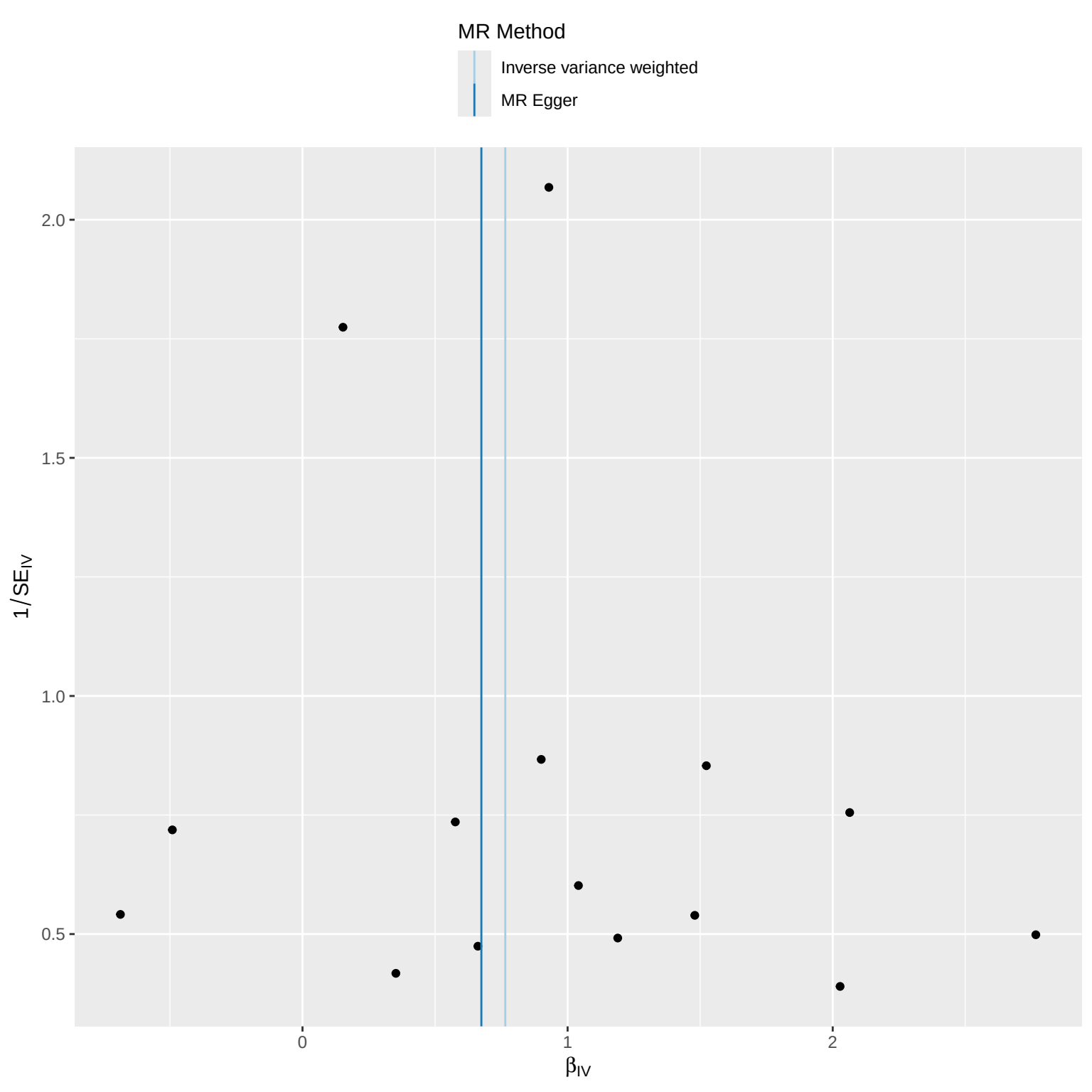

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
β_IV

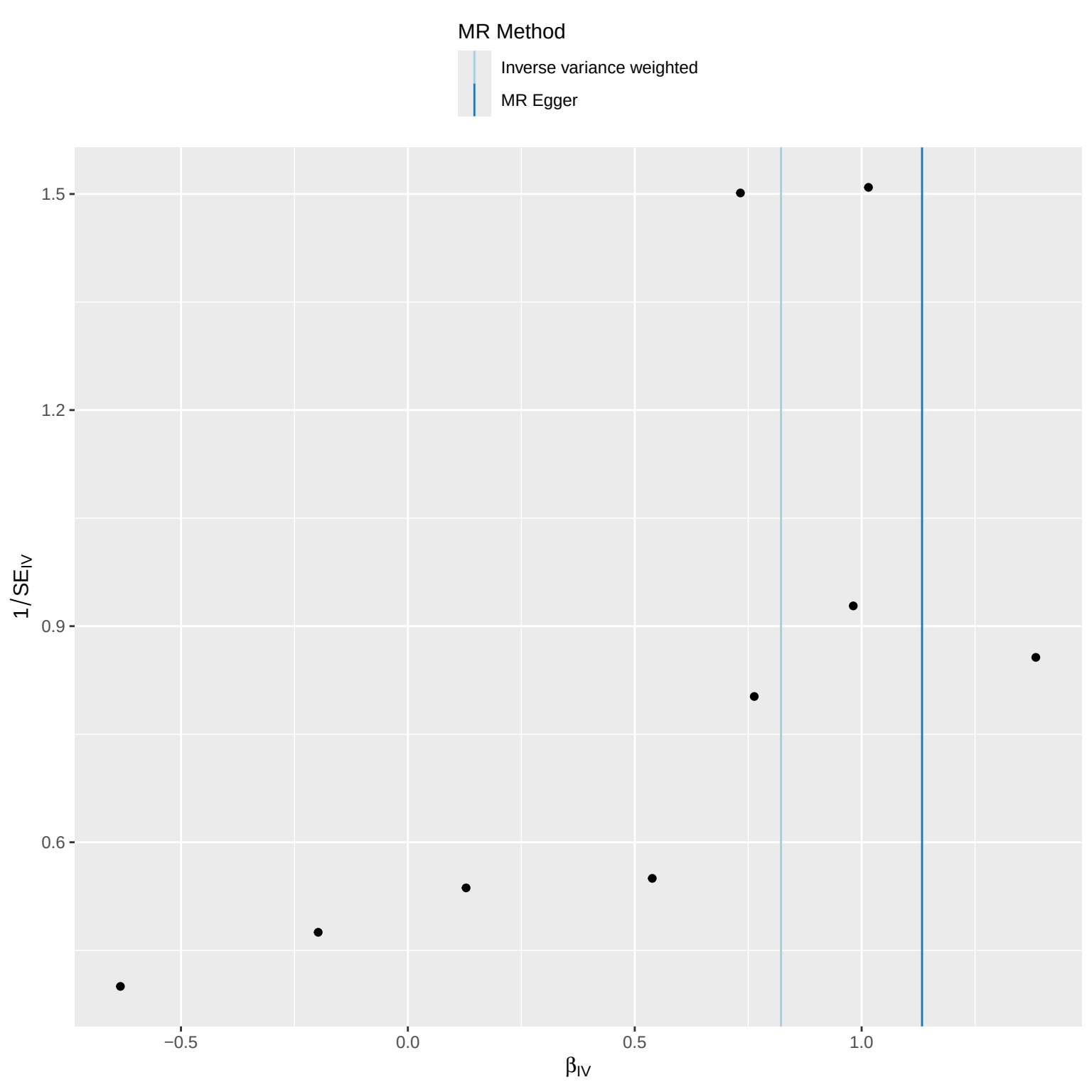

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

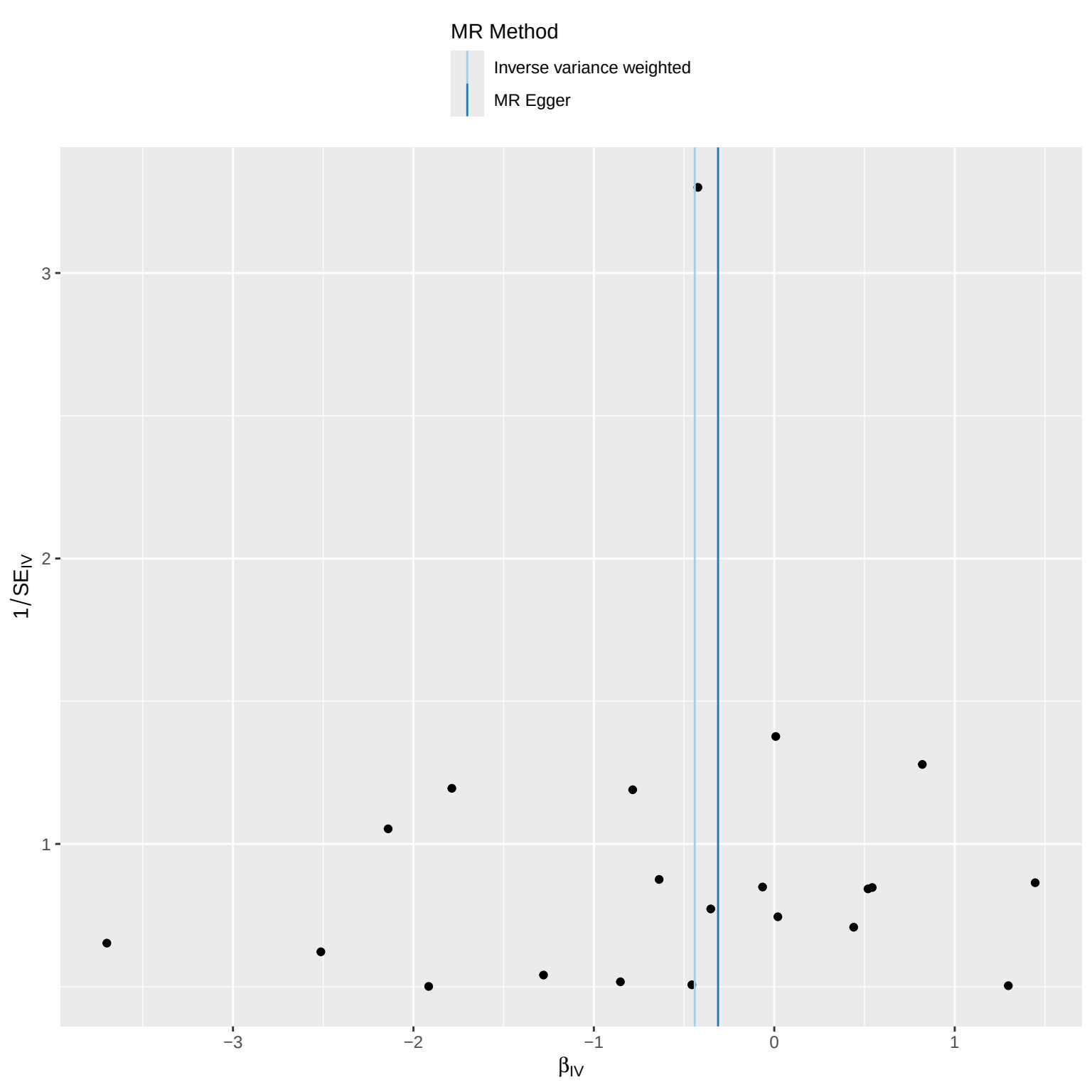

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

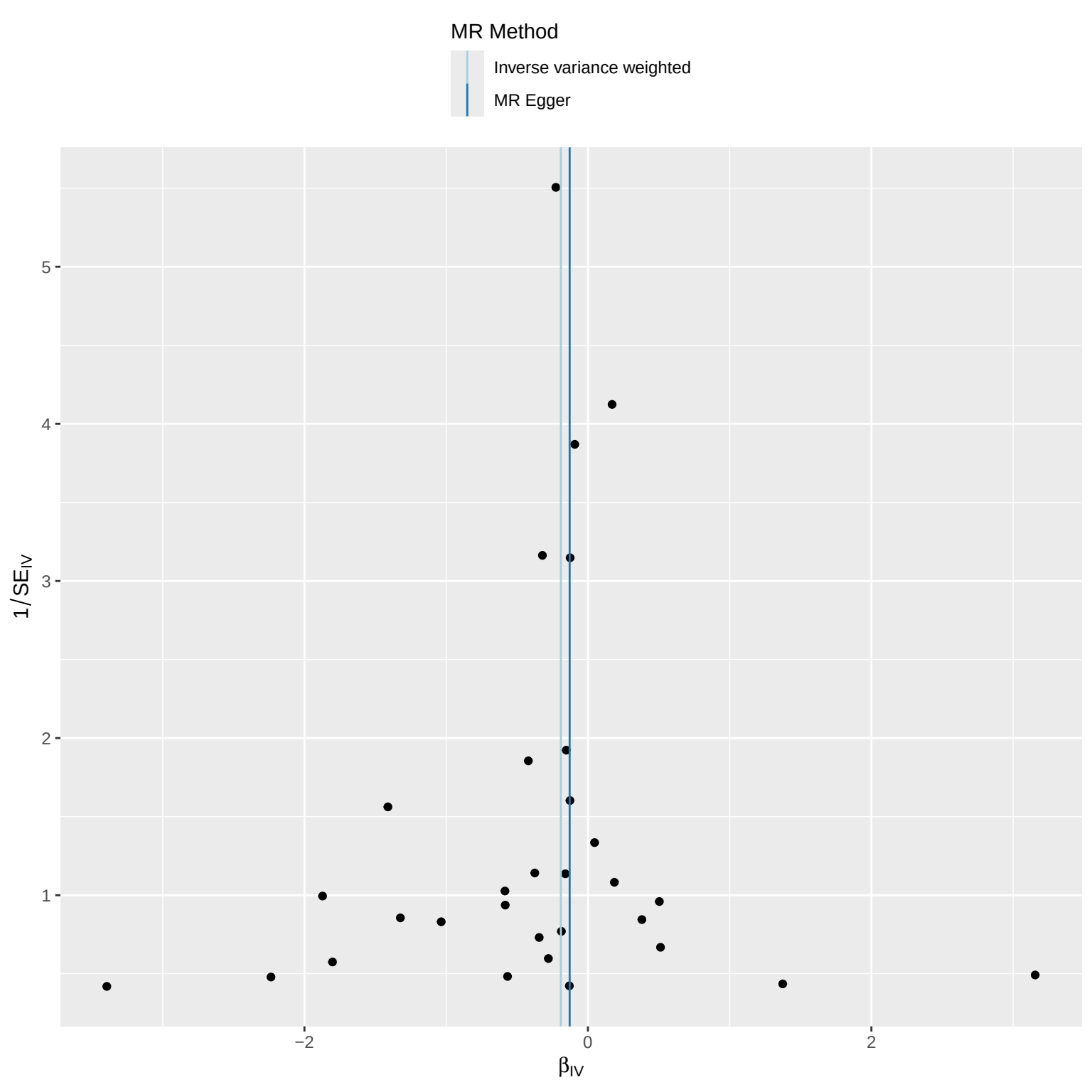

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

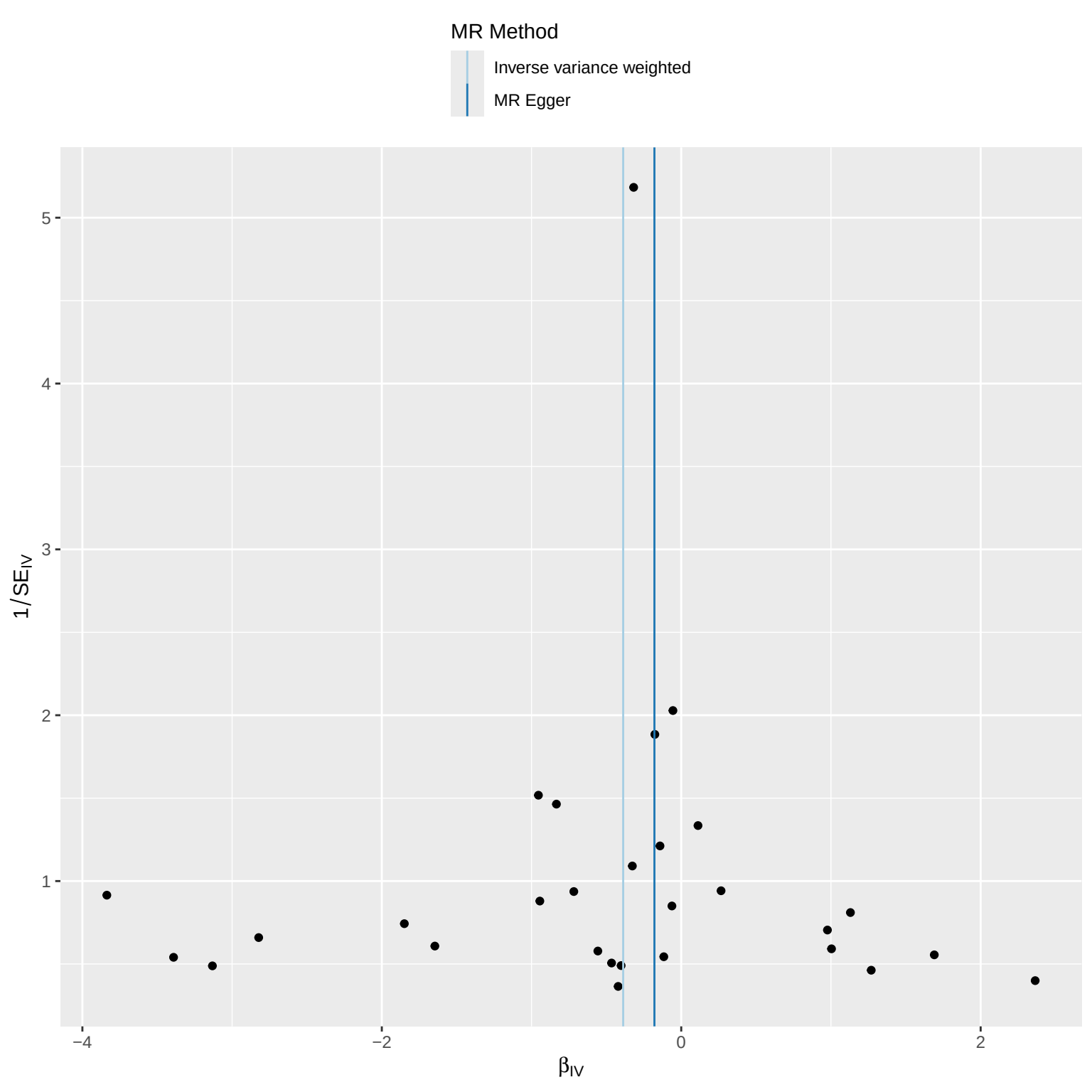

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

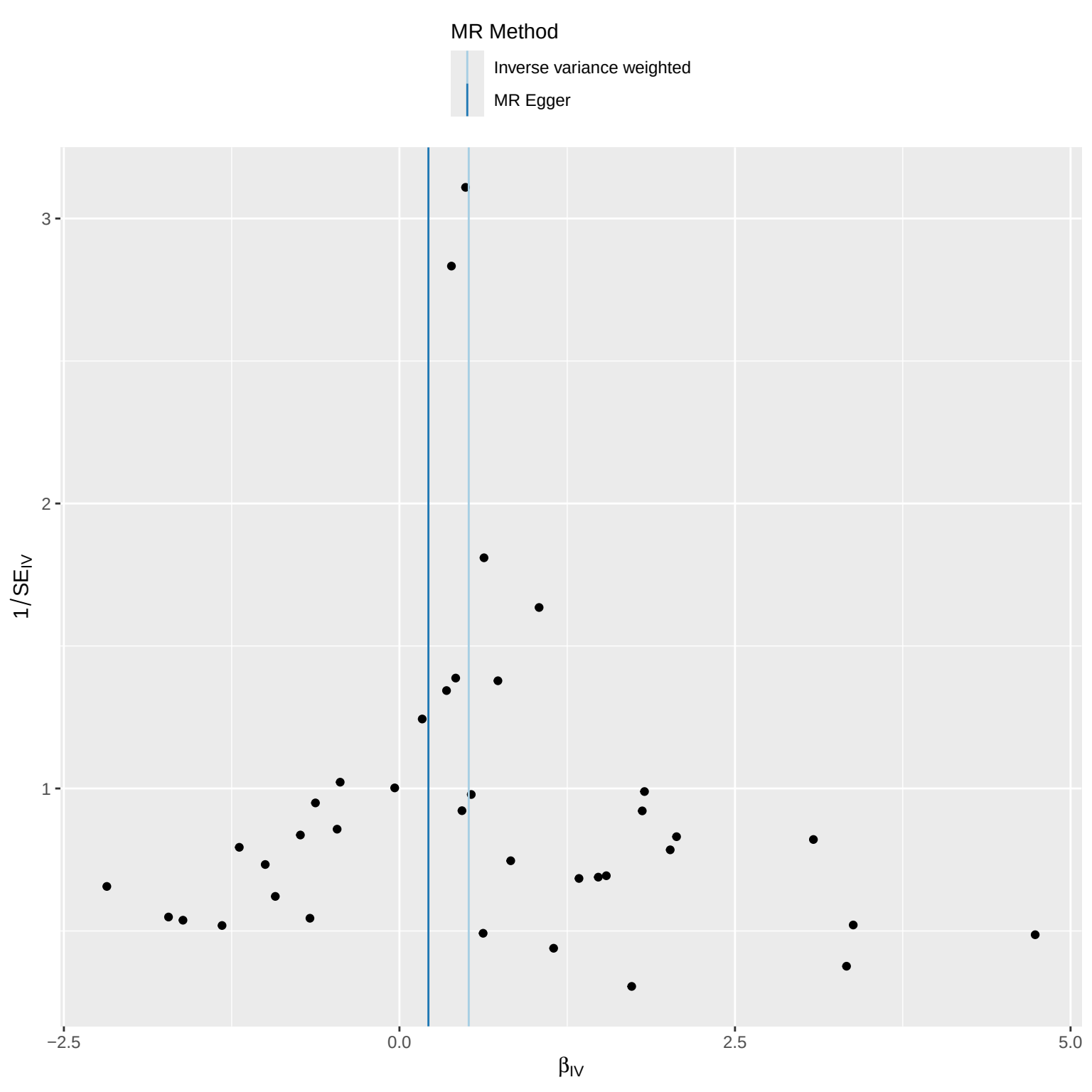

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

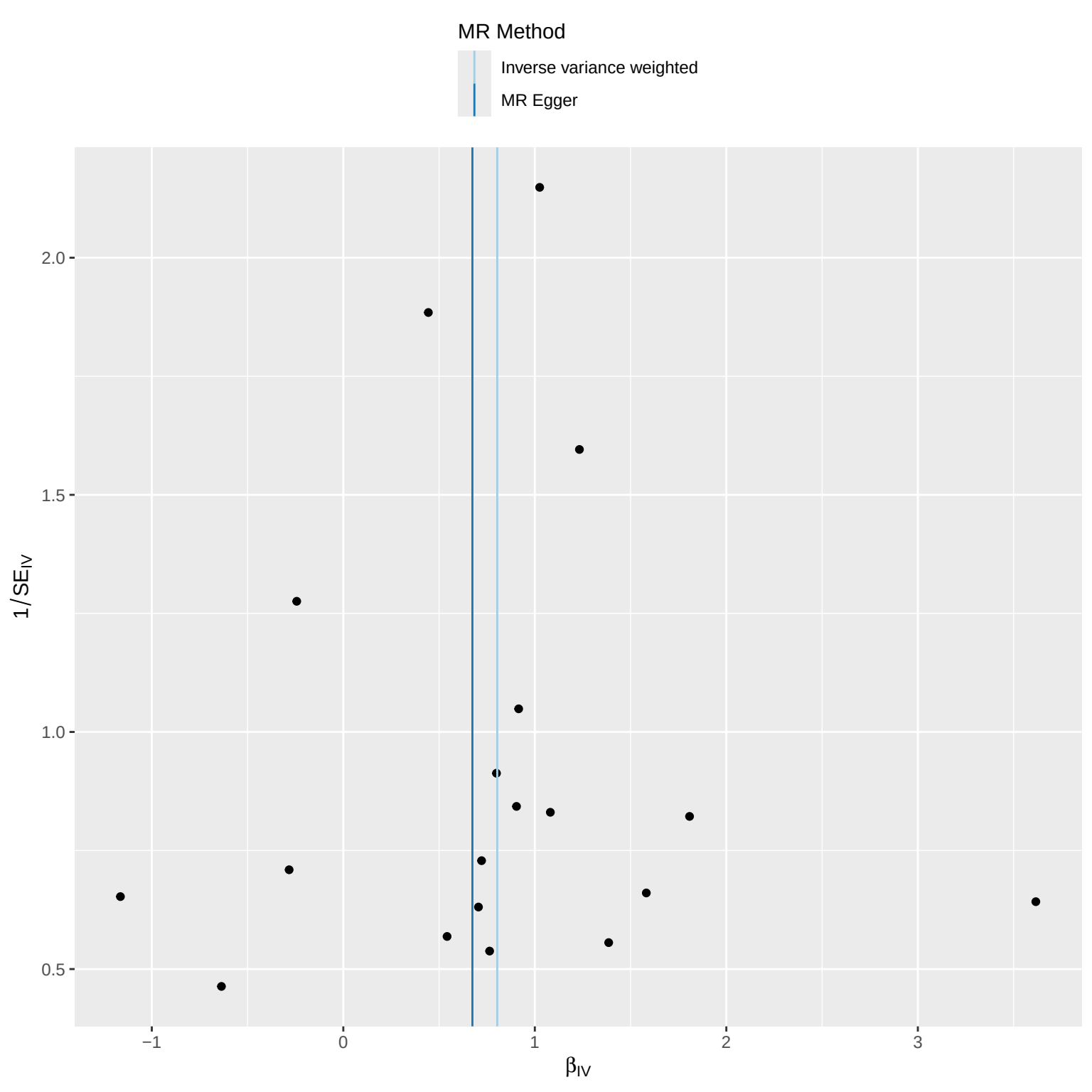

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

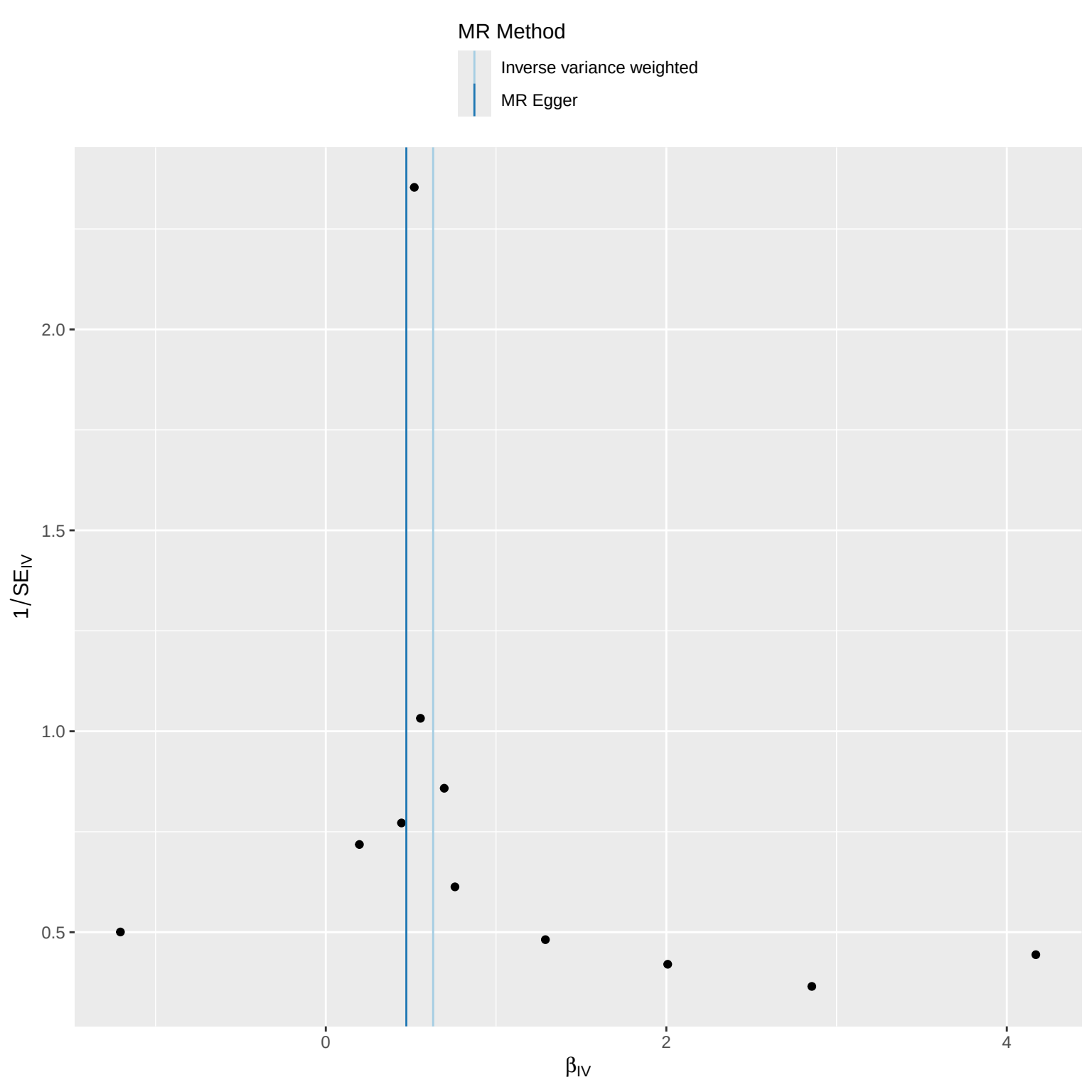

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

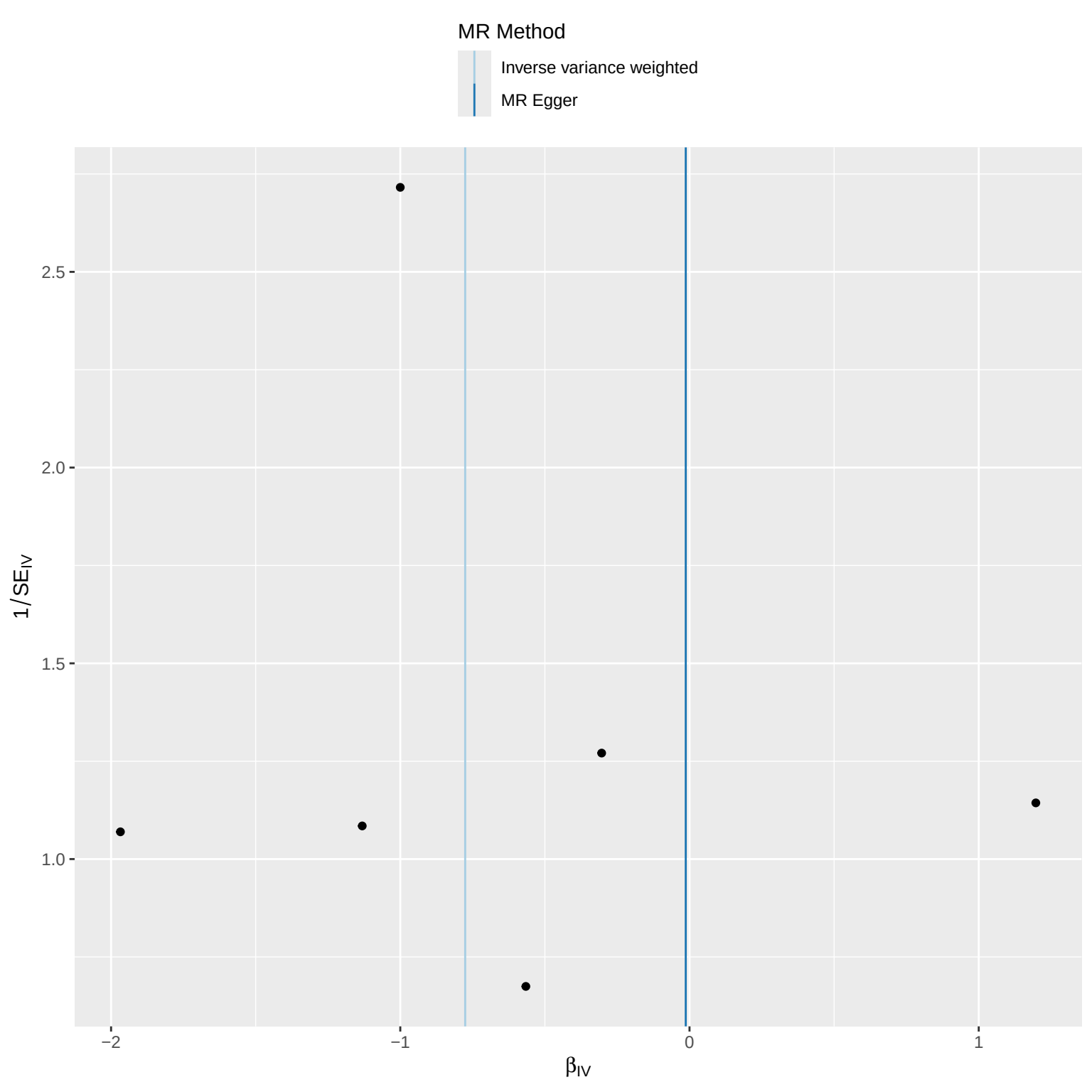

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

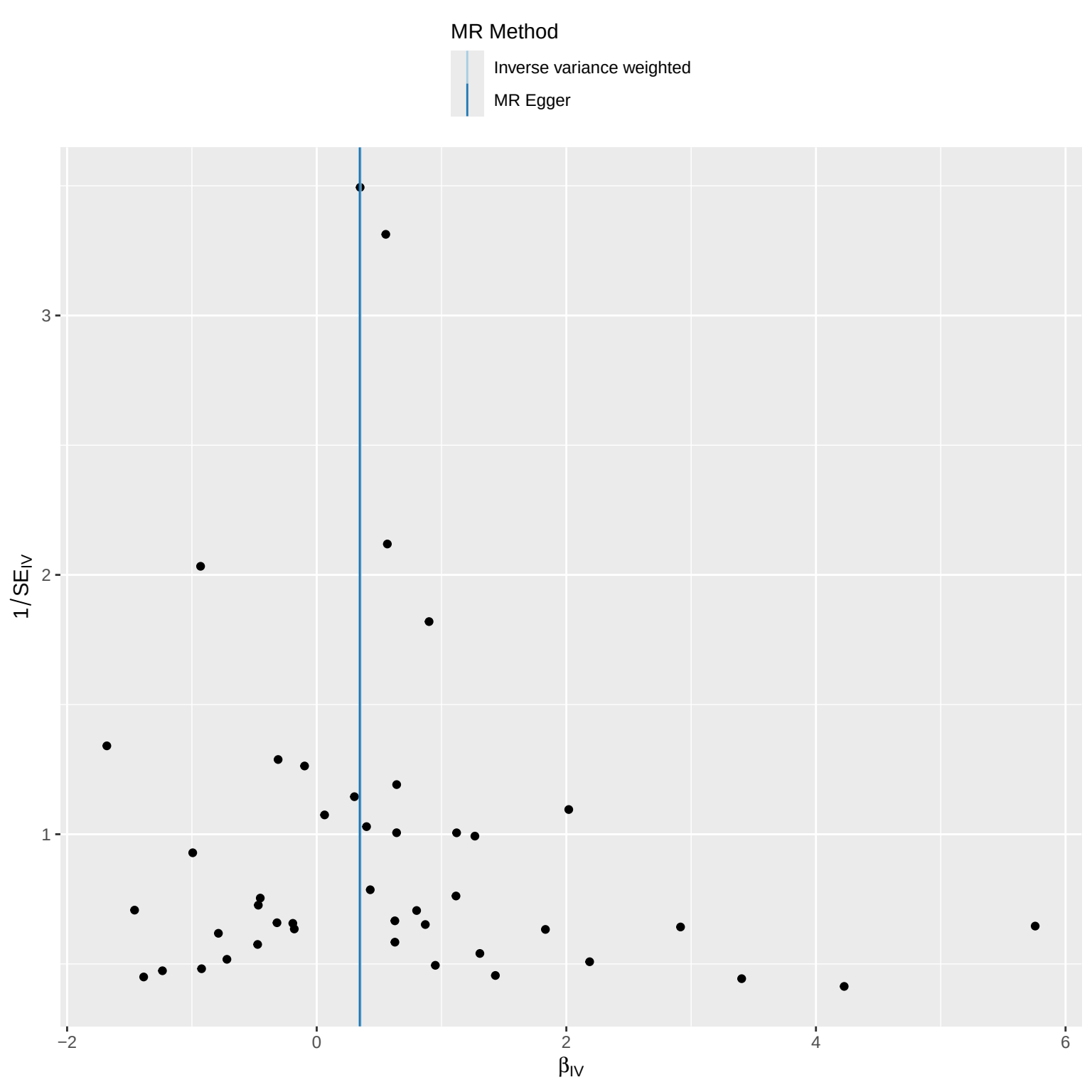

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

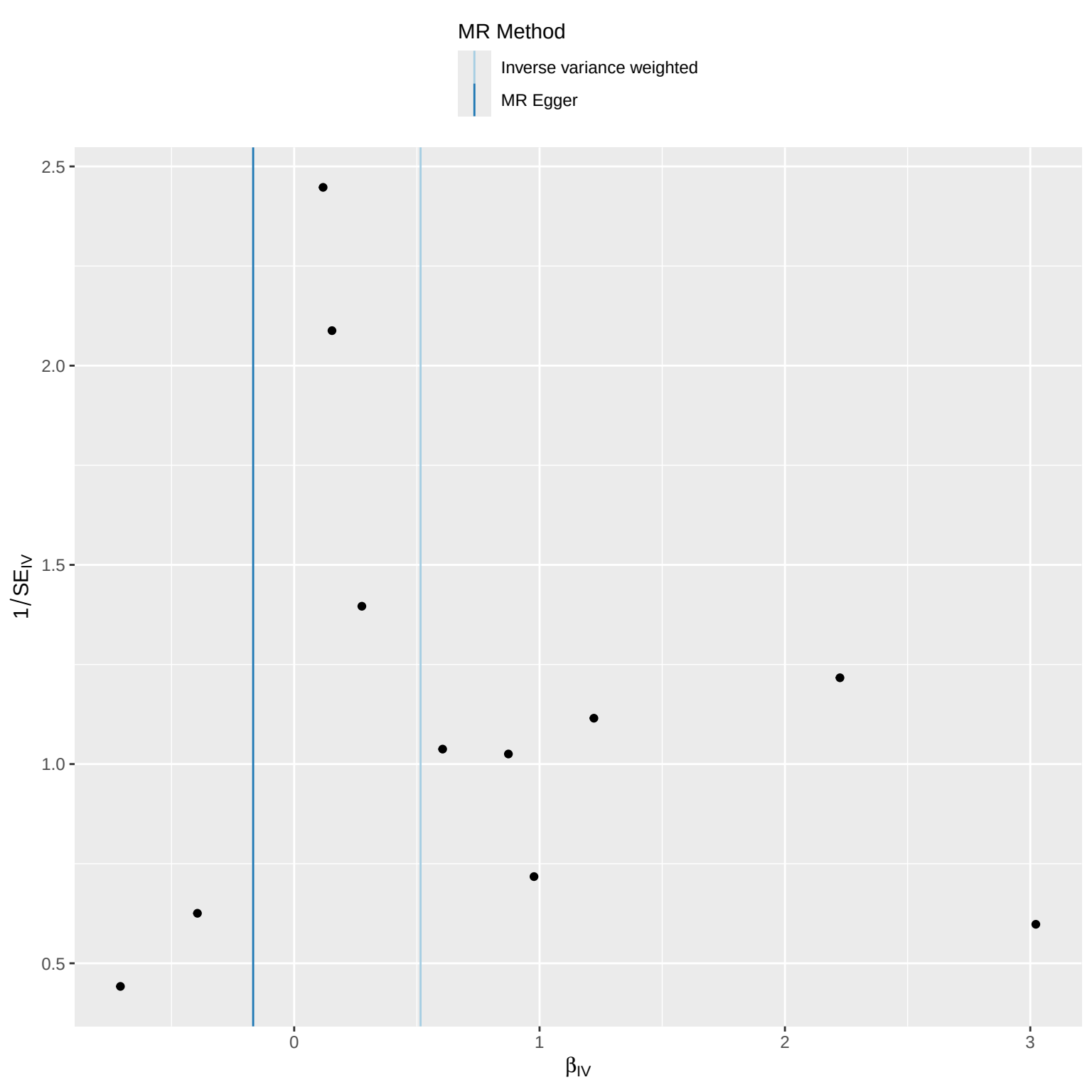

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

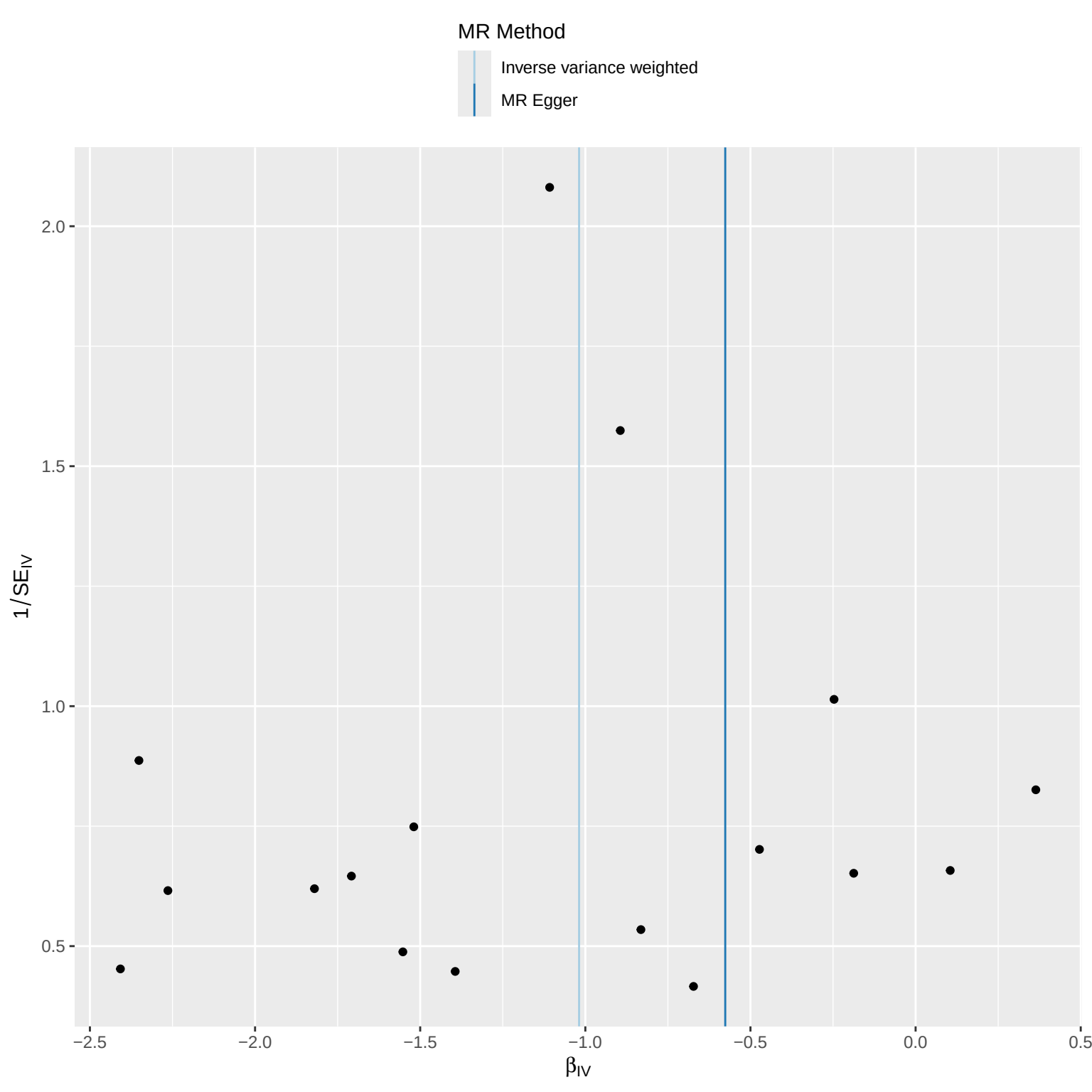

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

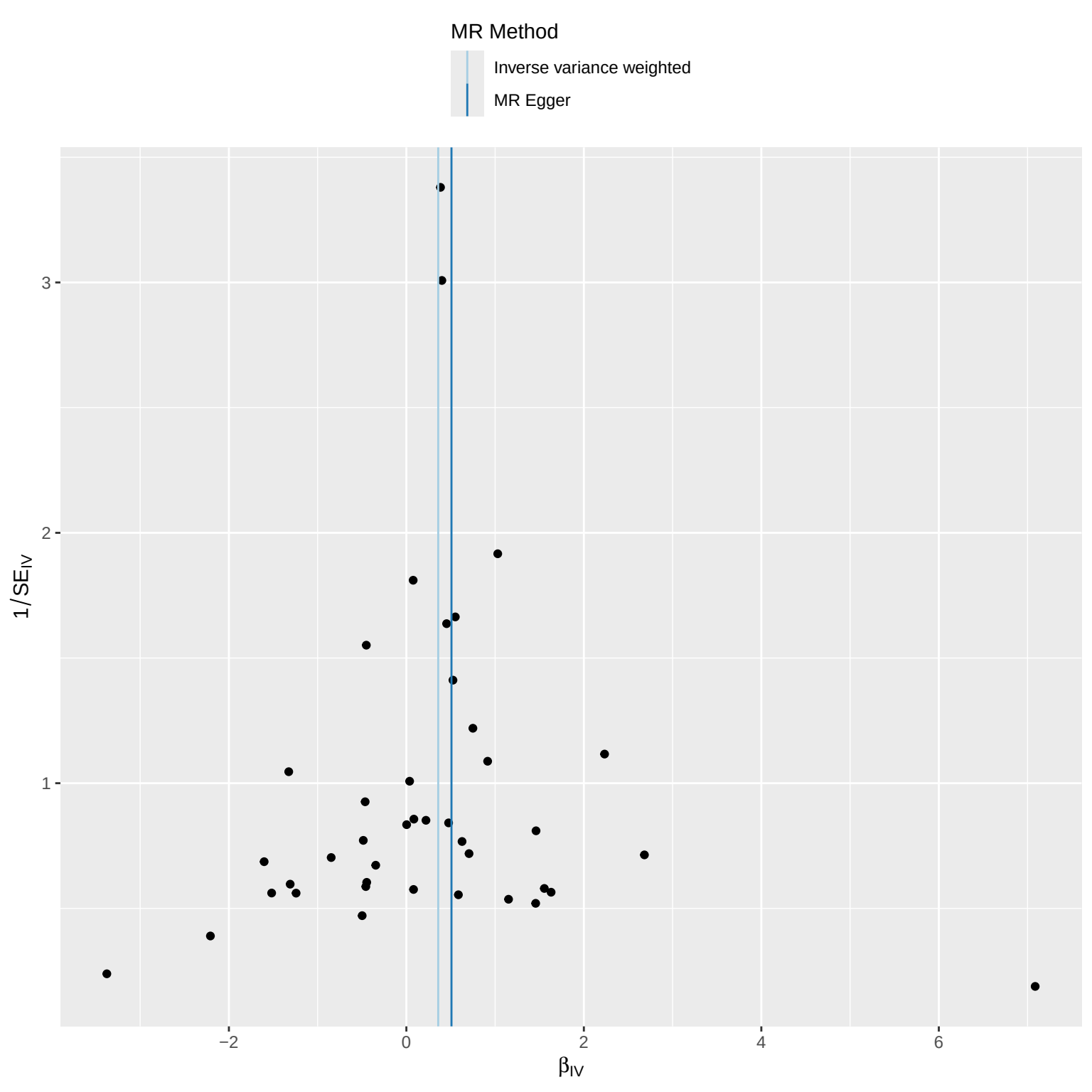

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

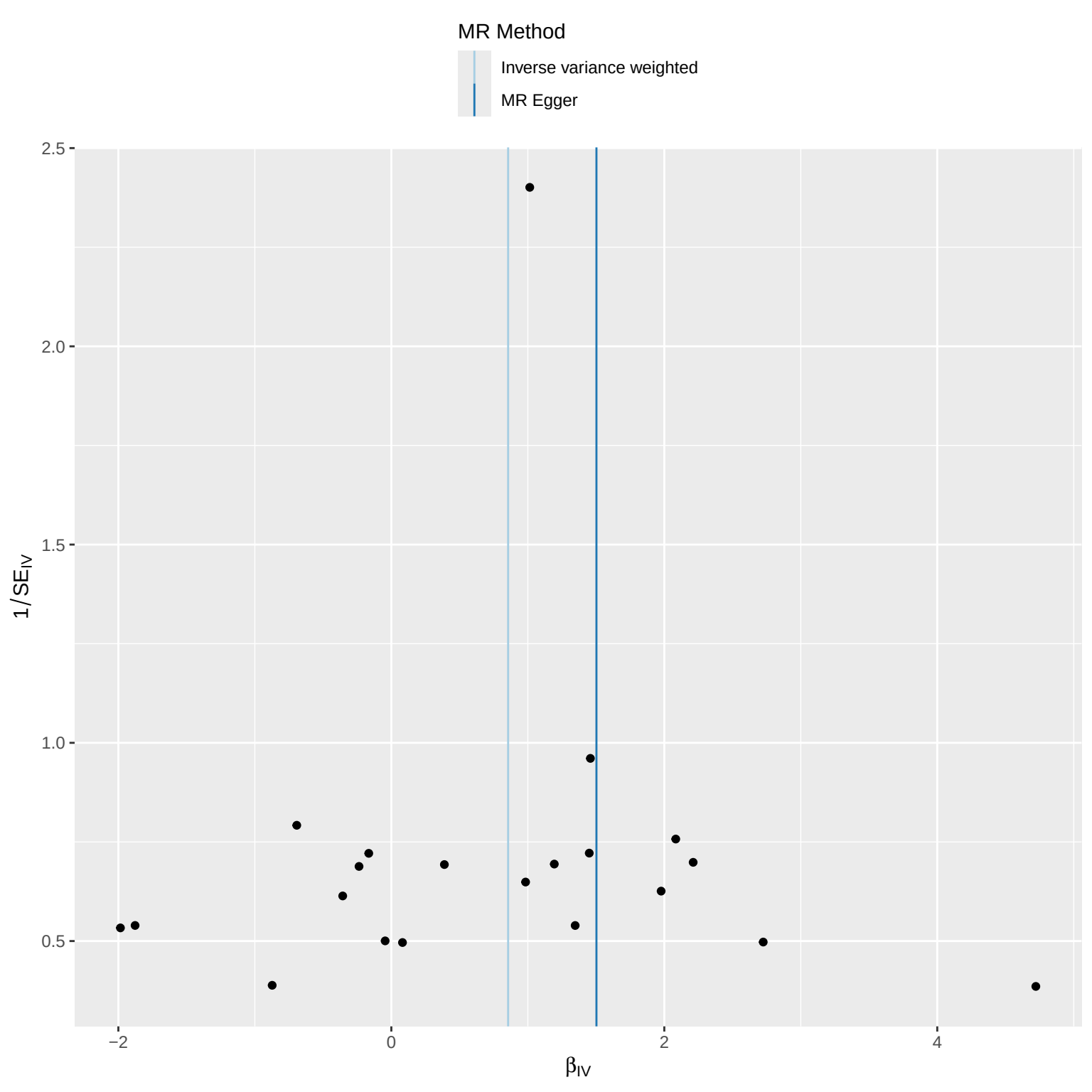

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

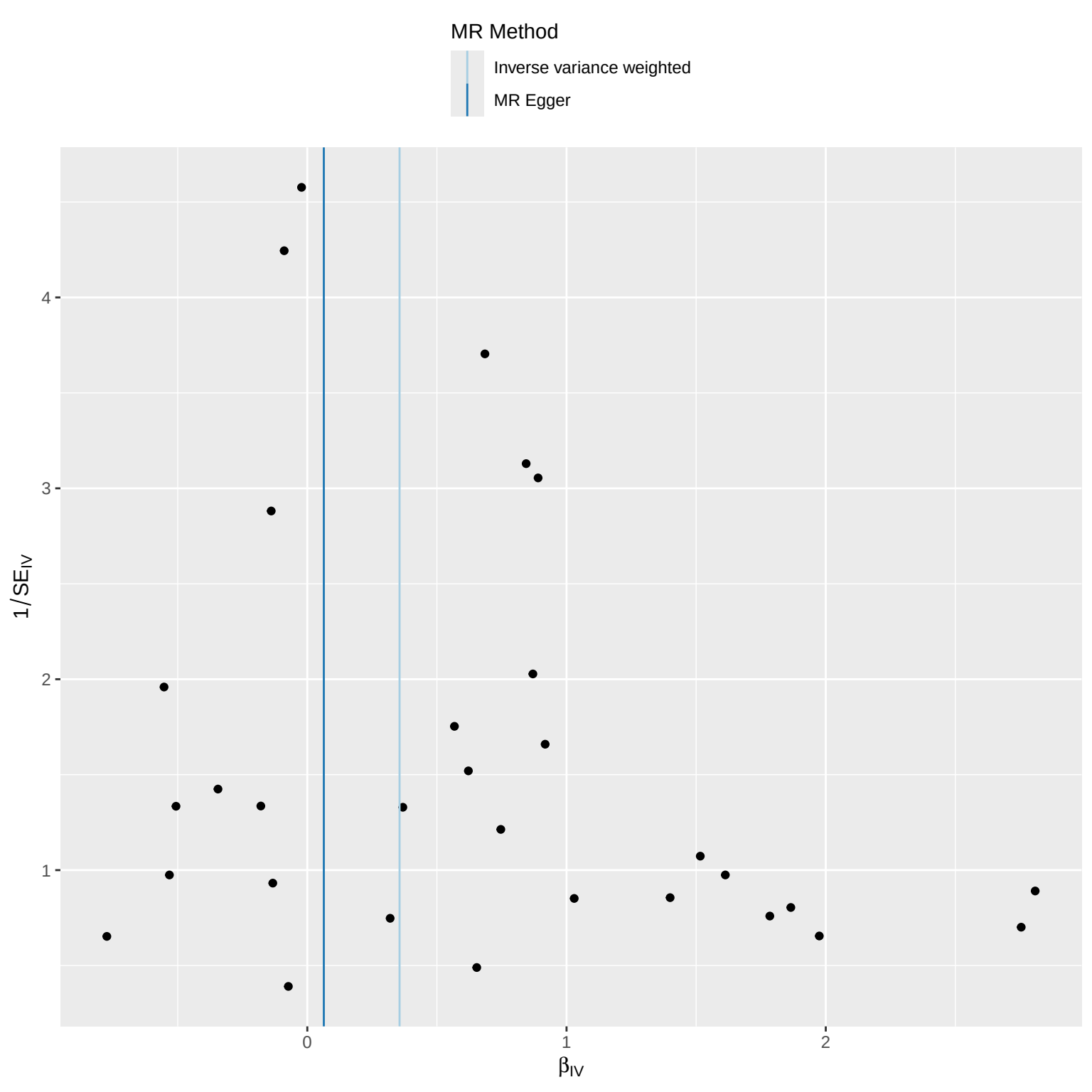

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

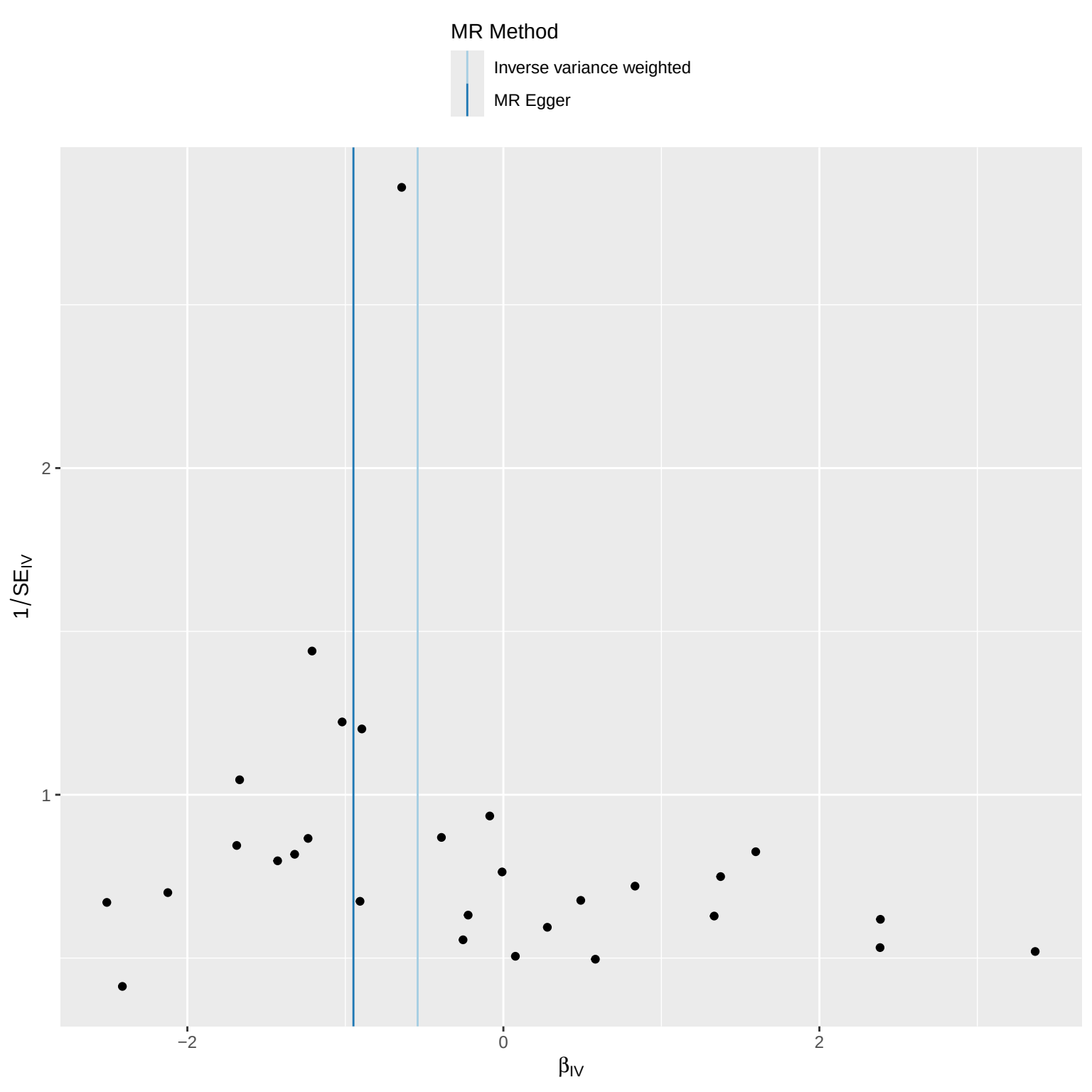

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

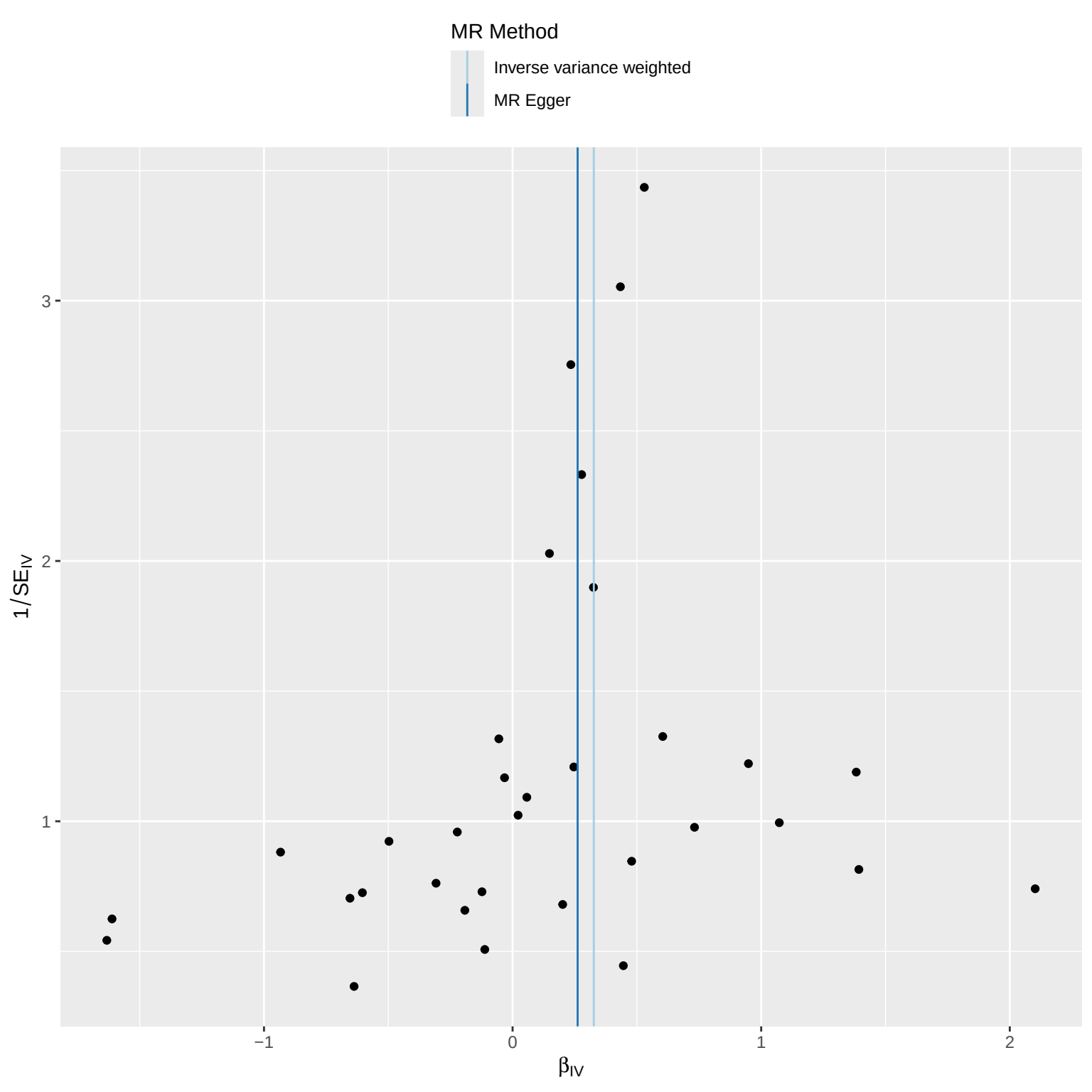

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

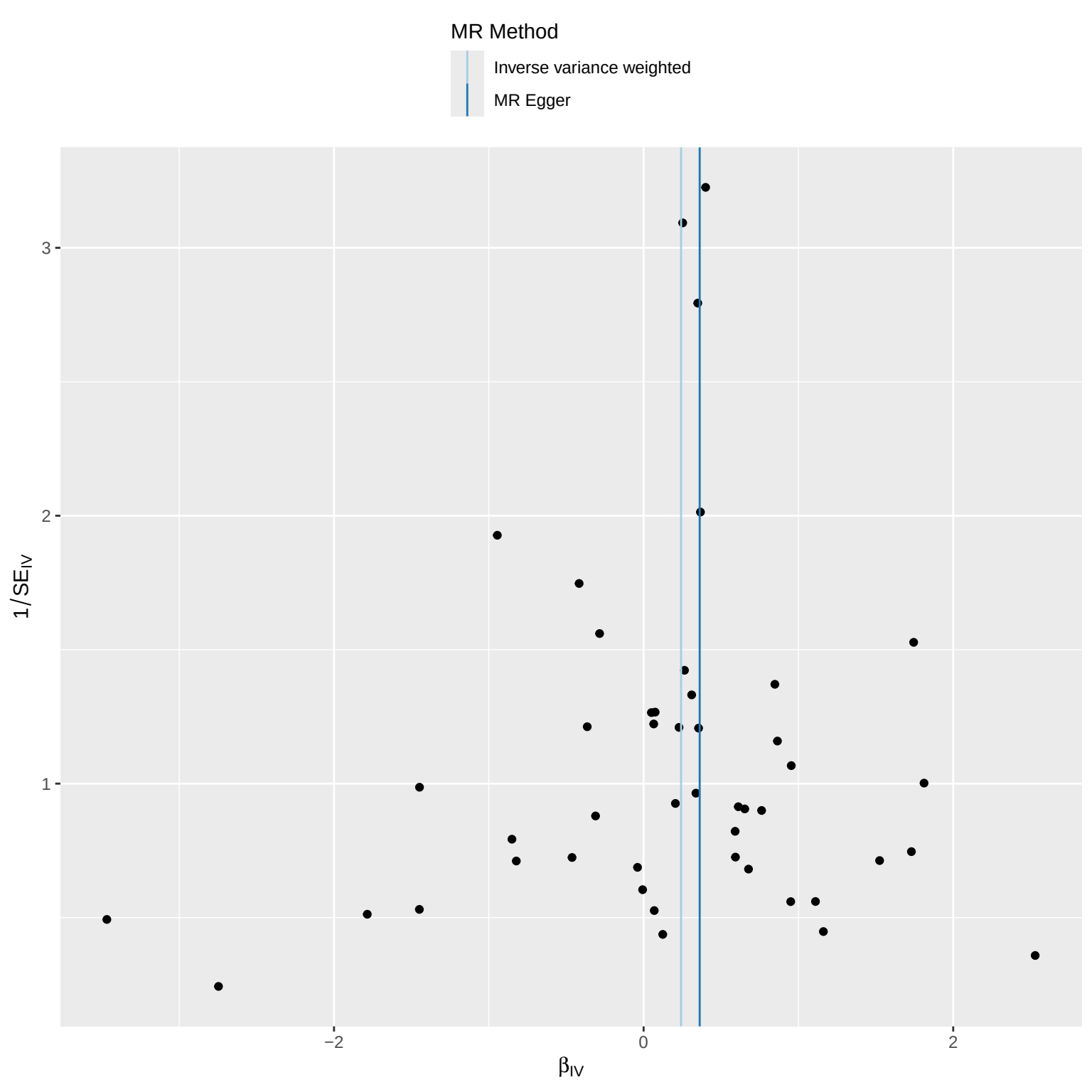

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

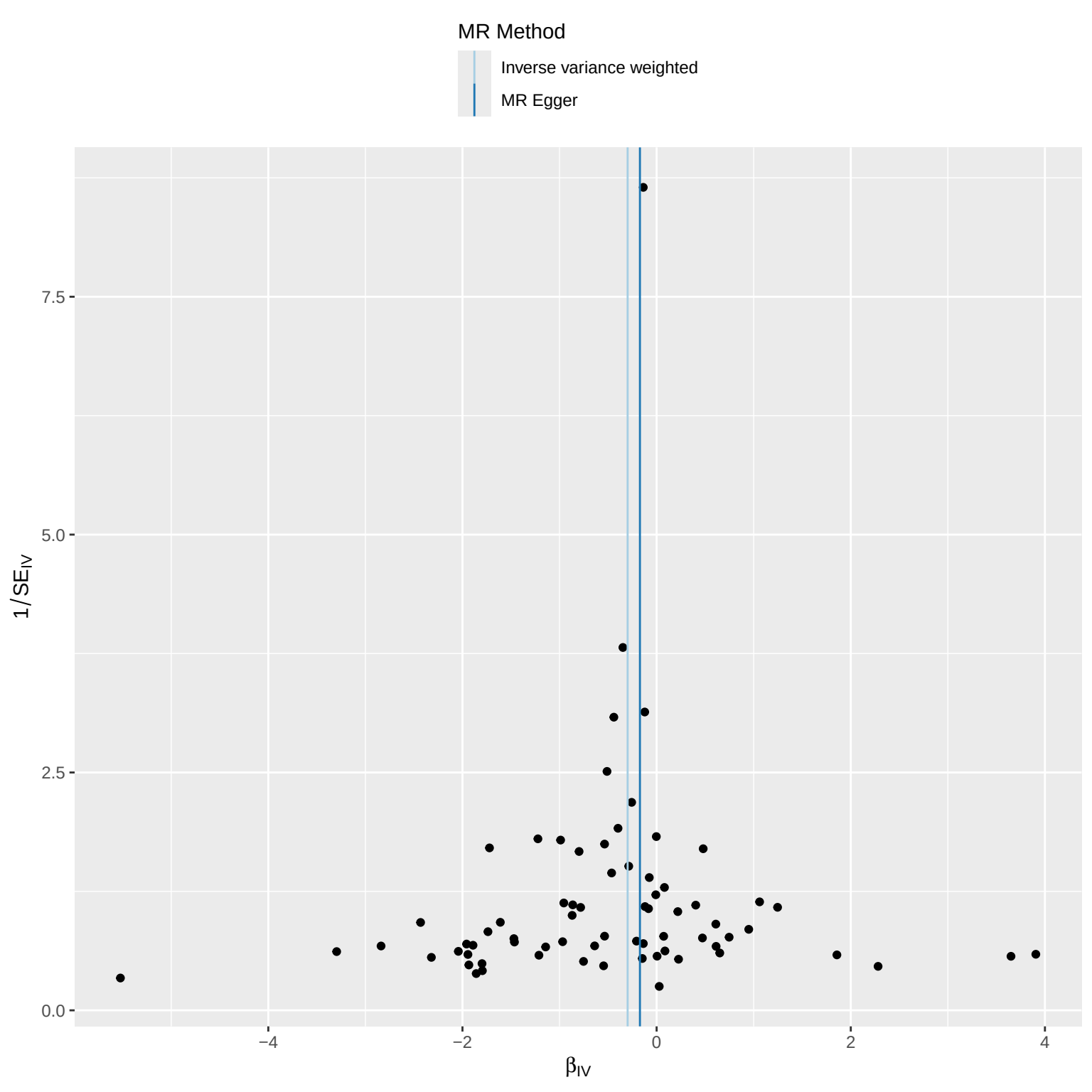

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

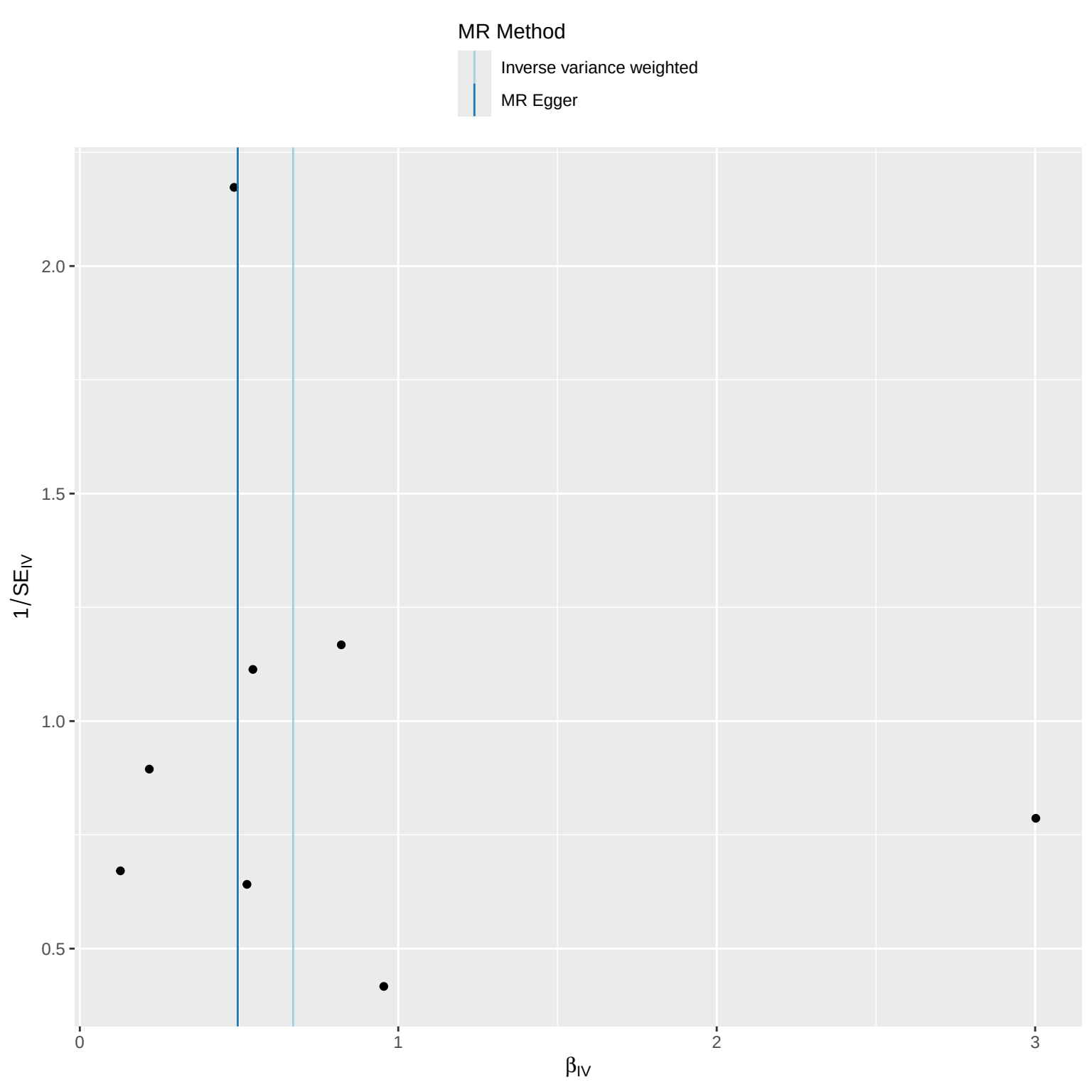

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

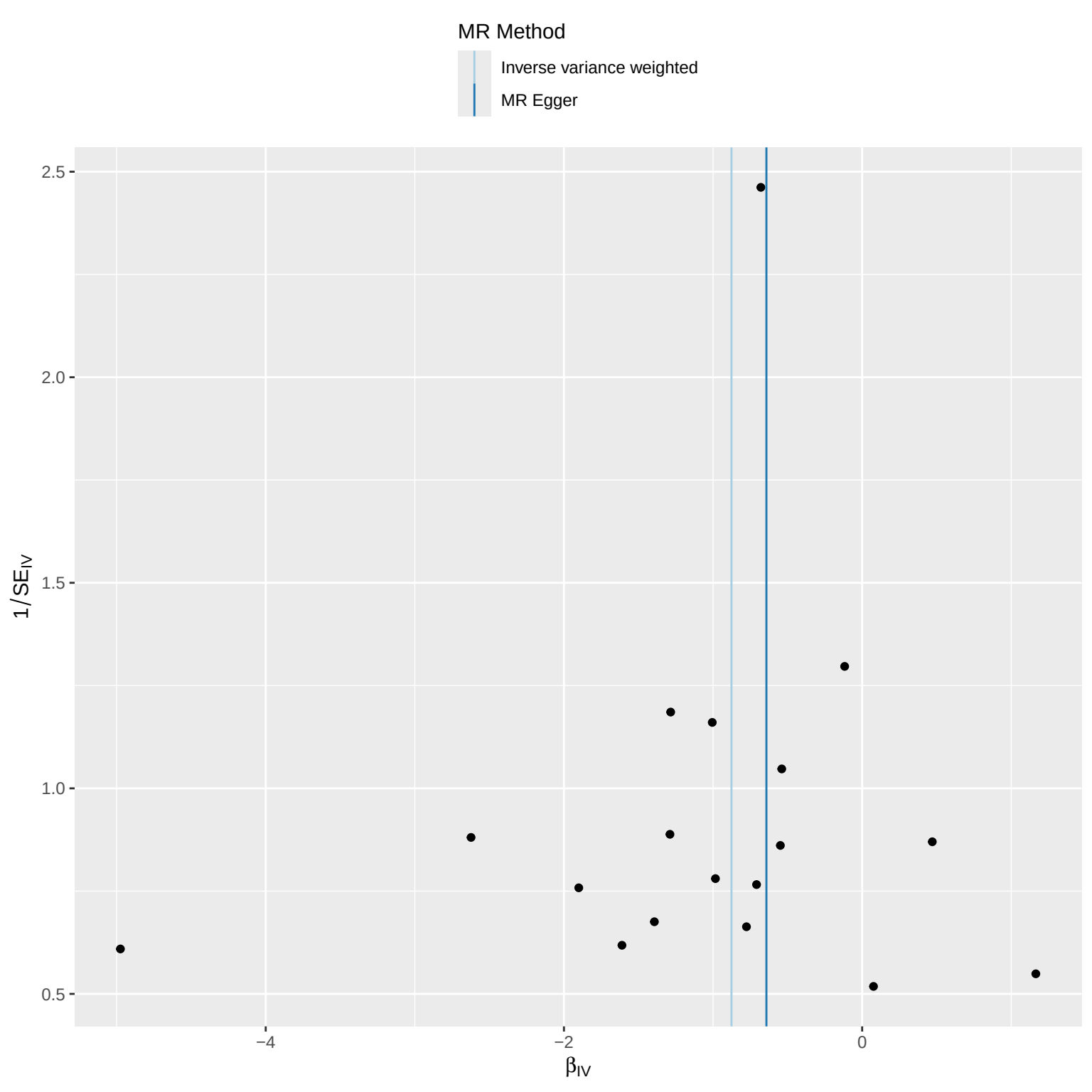

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

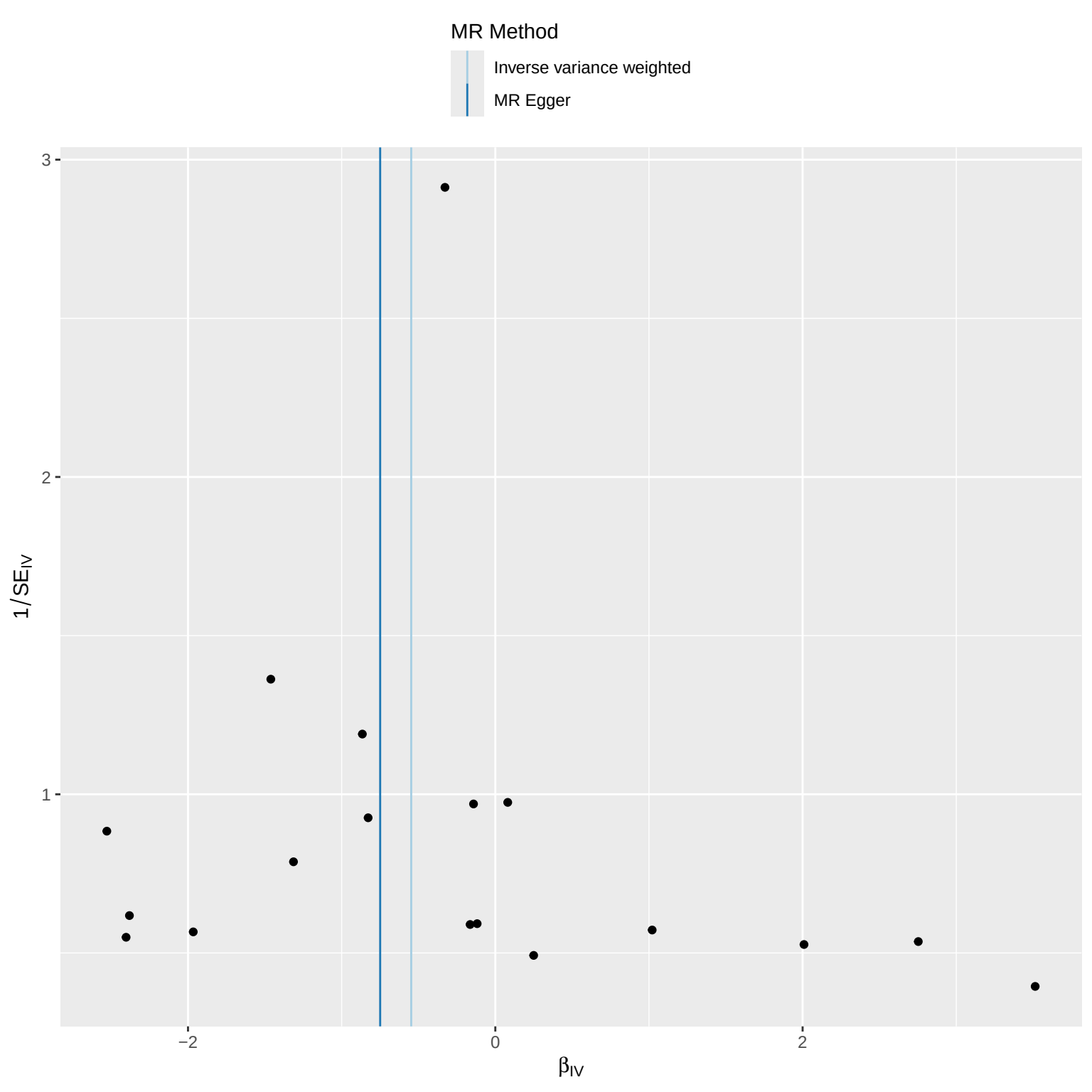

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

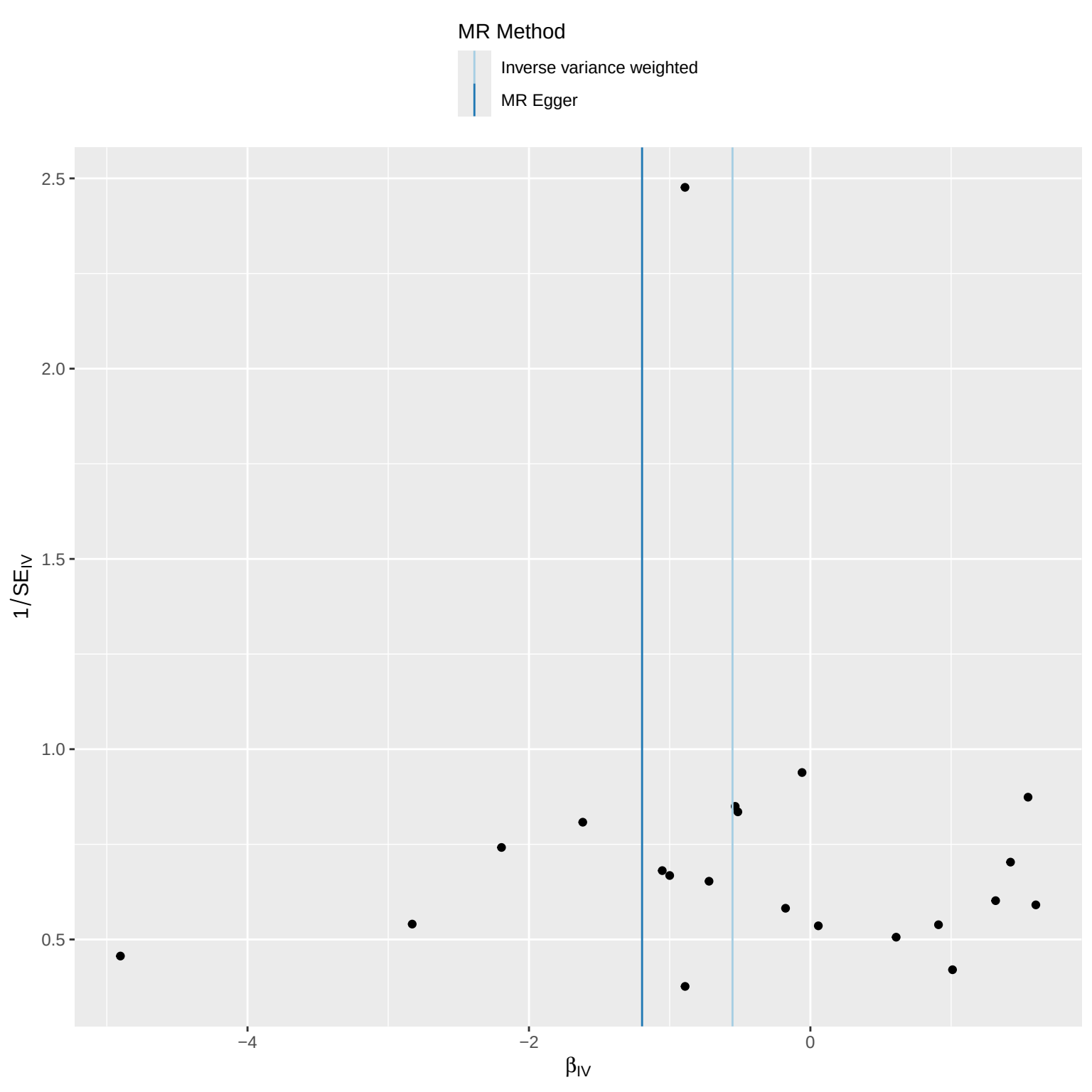

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

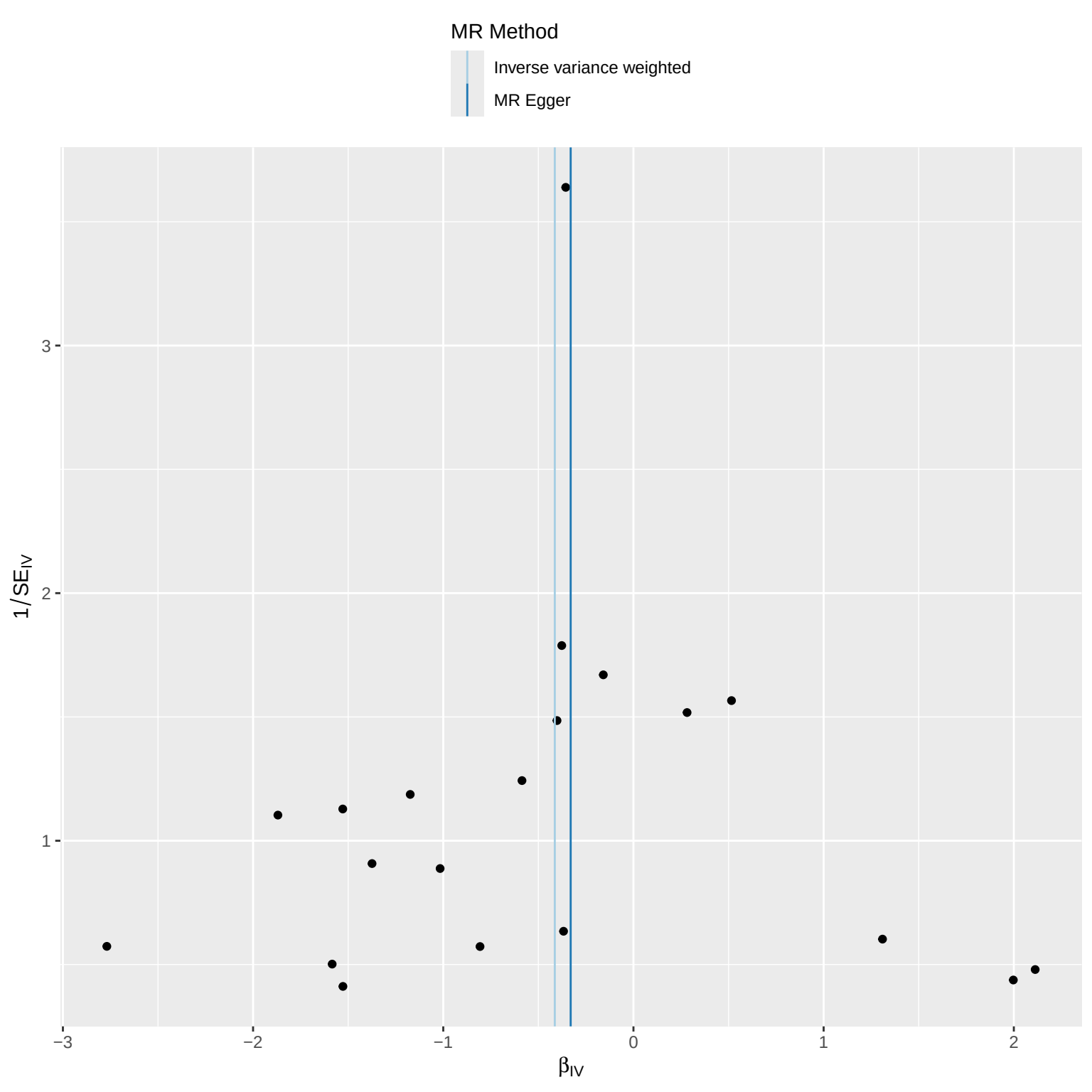

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−4
−2
0
2
4
β_IV

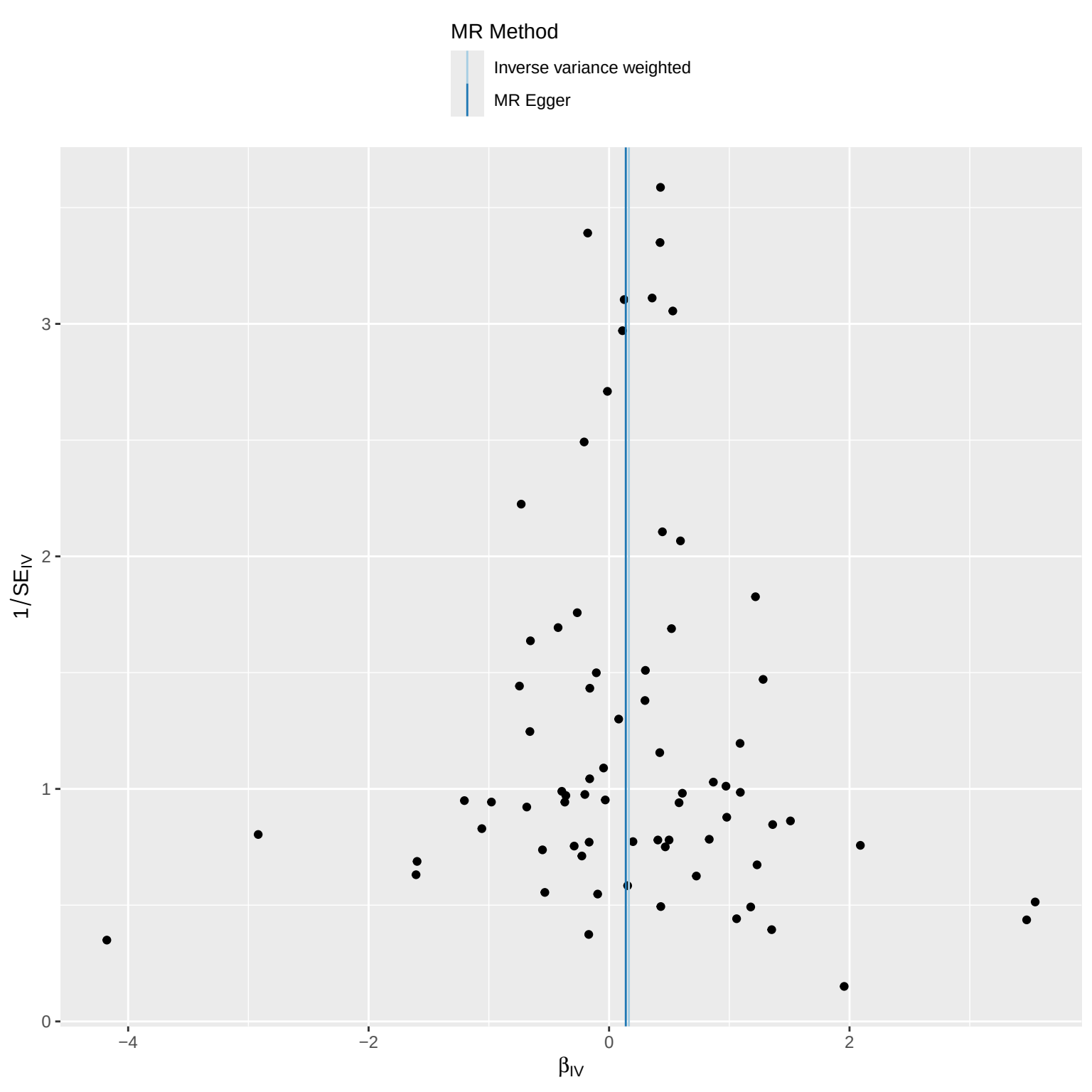

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

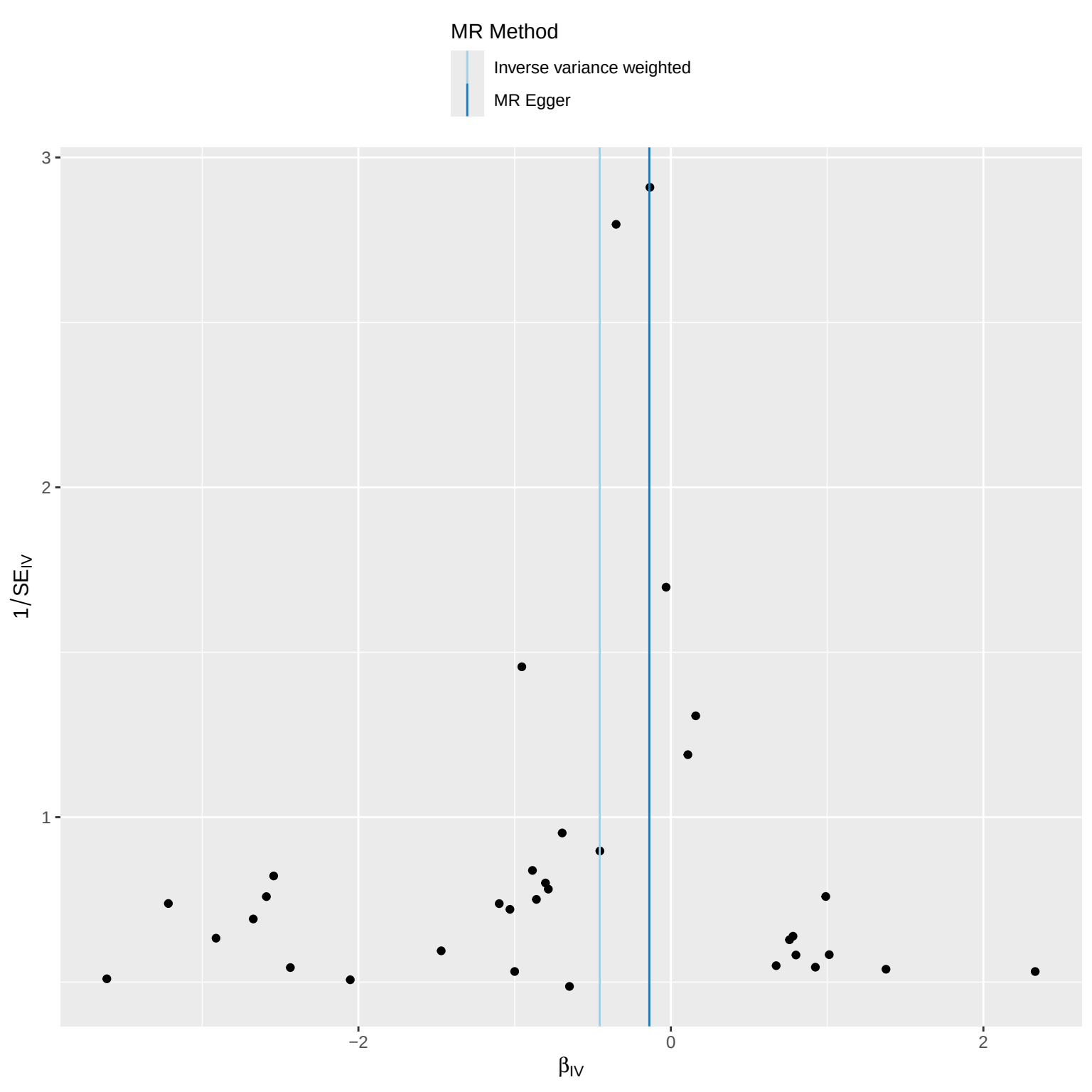

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

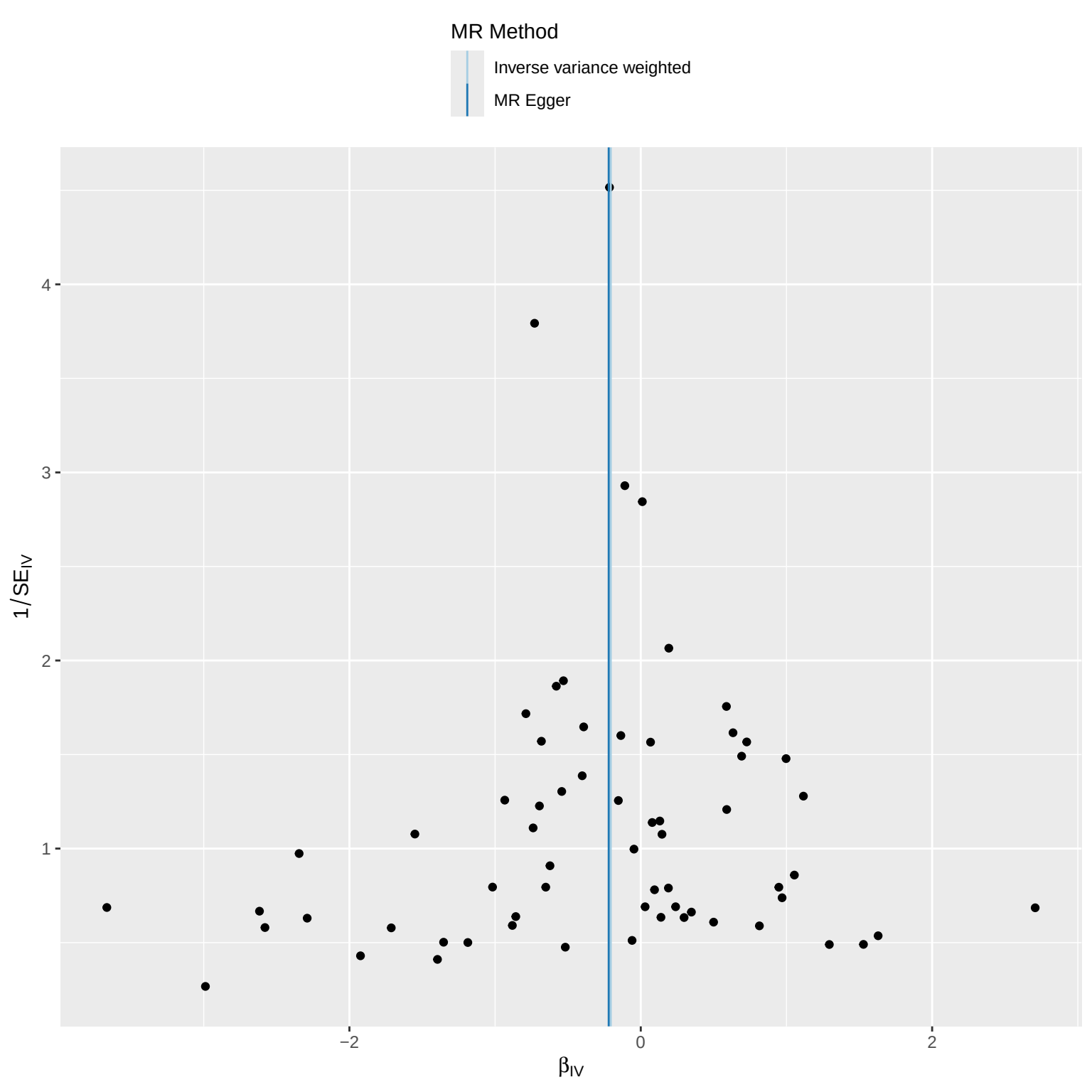

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

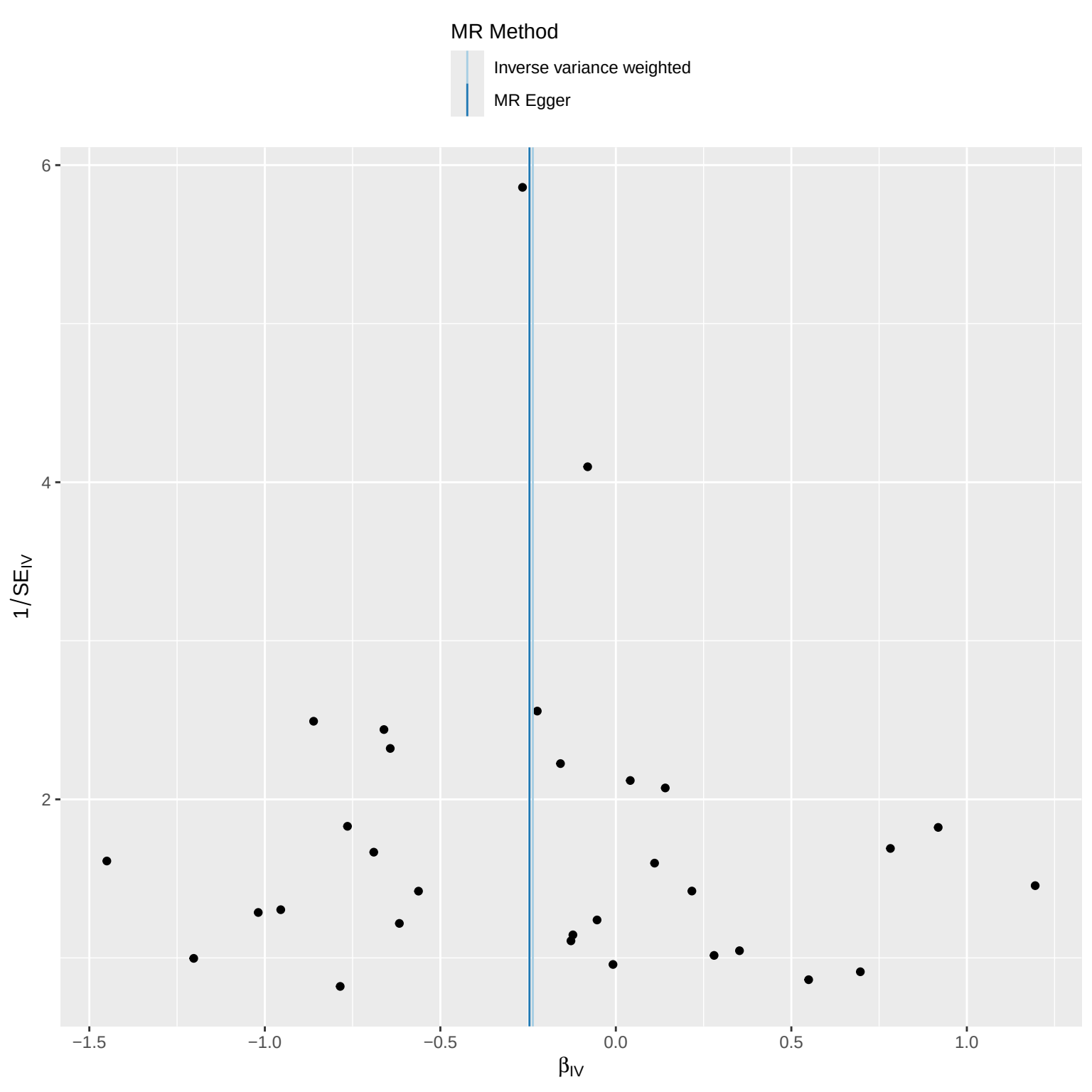

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

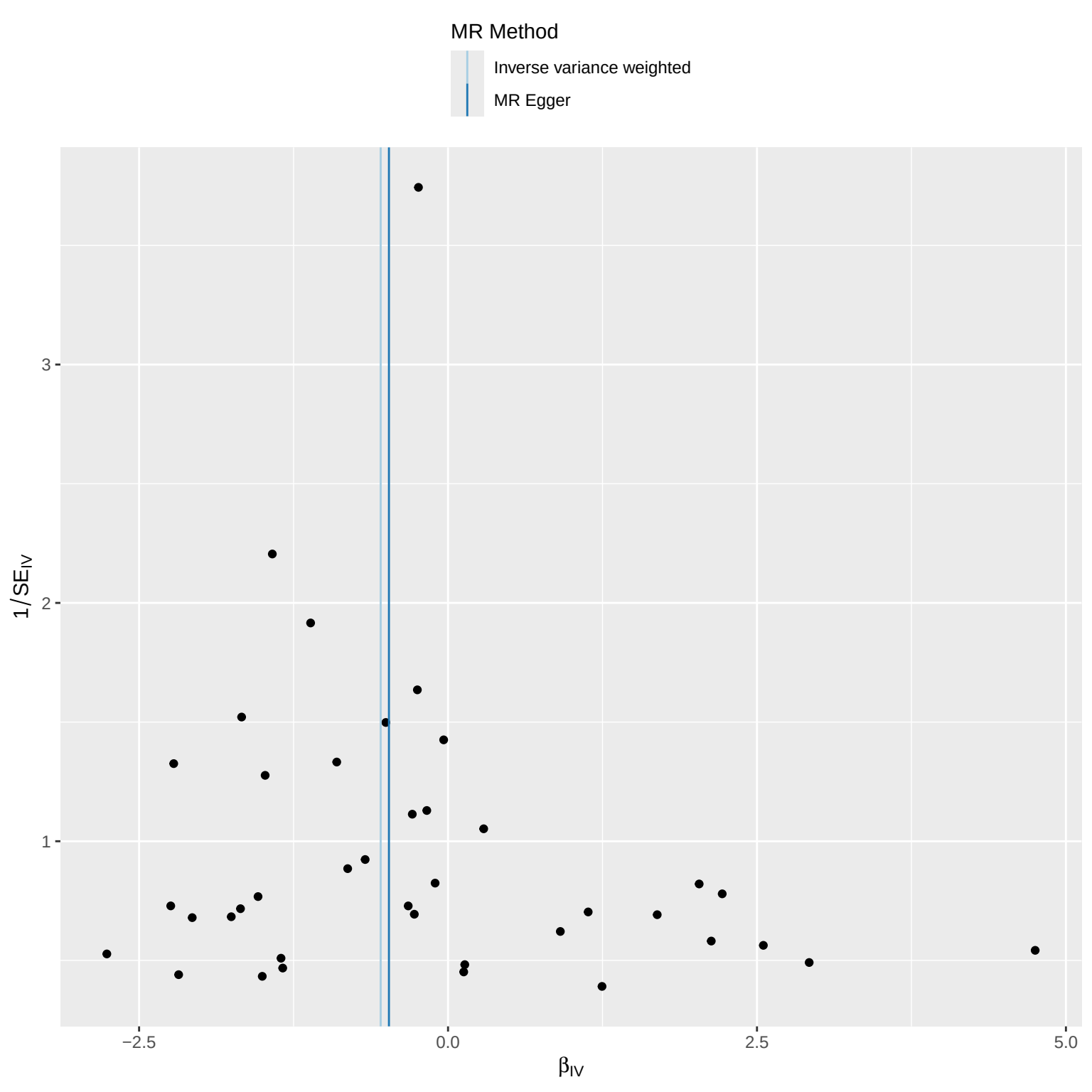

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

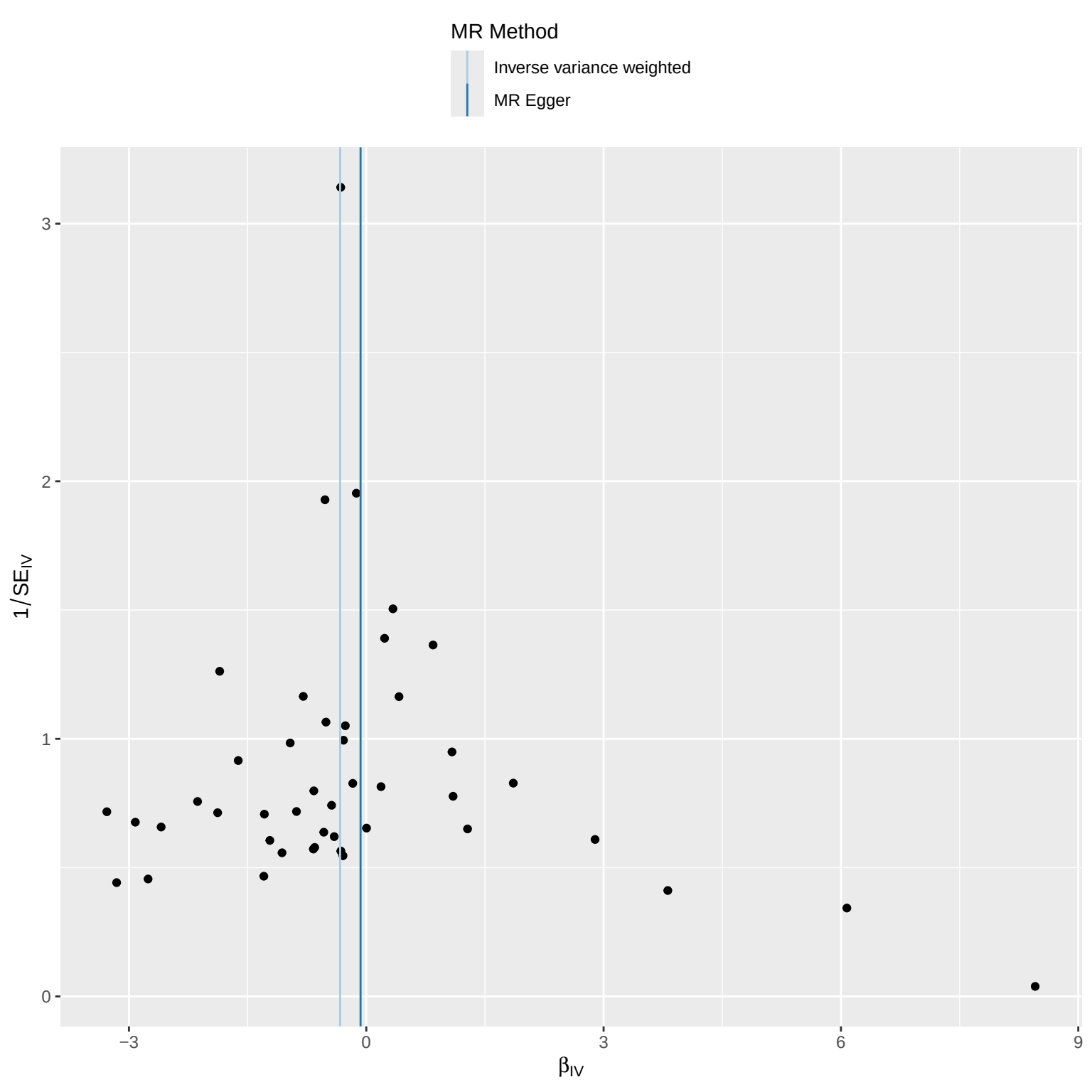

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
3
2
1
0
−4
−2
0
2

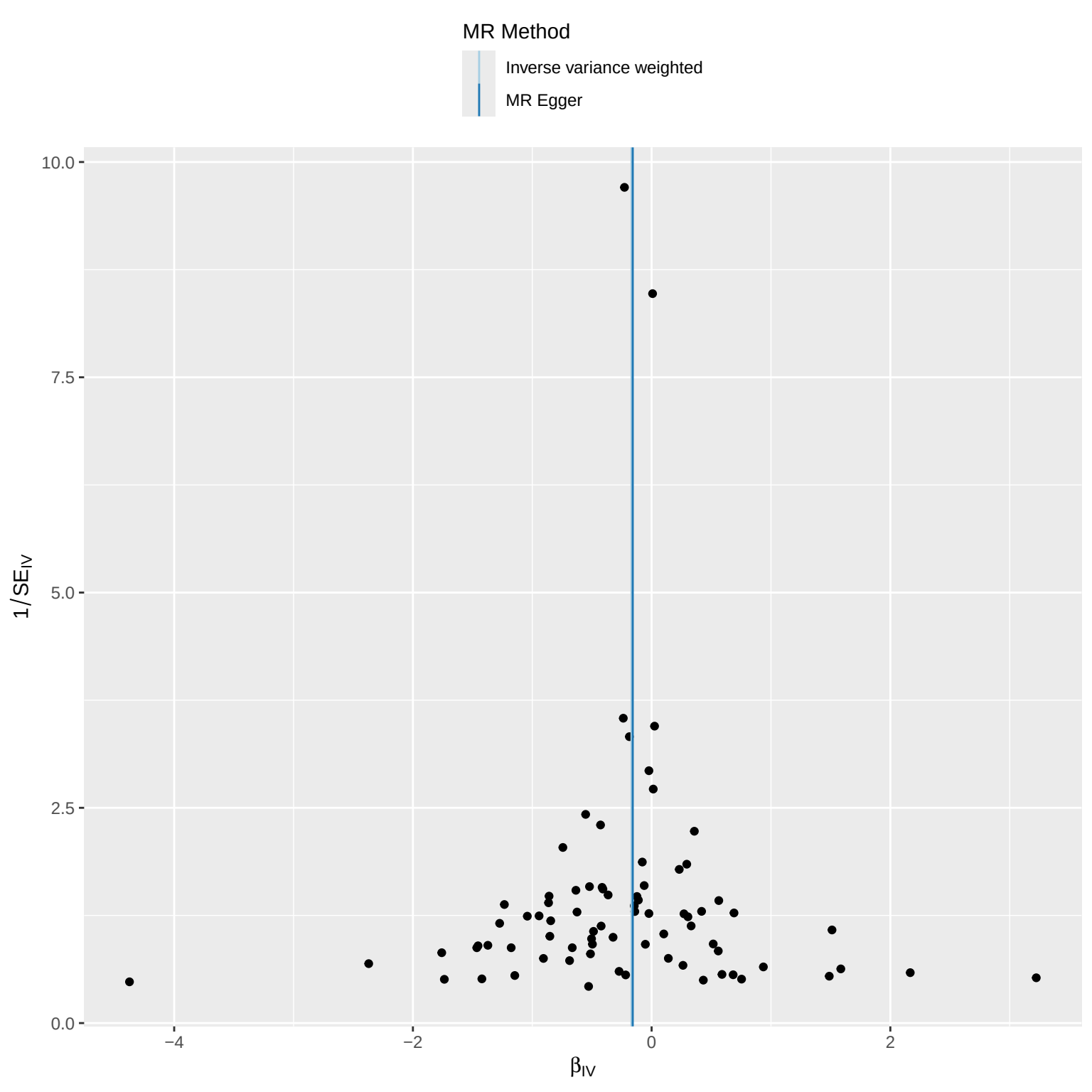

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

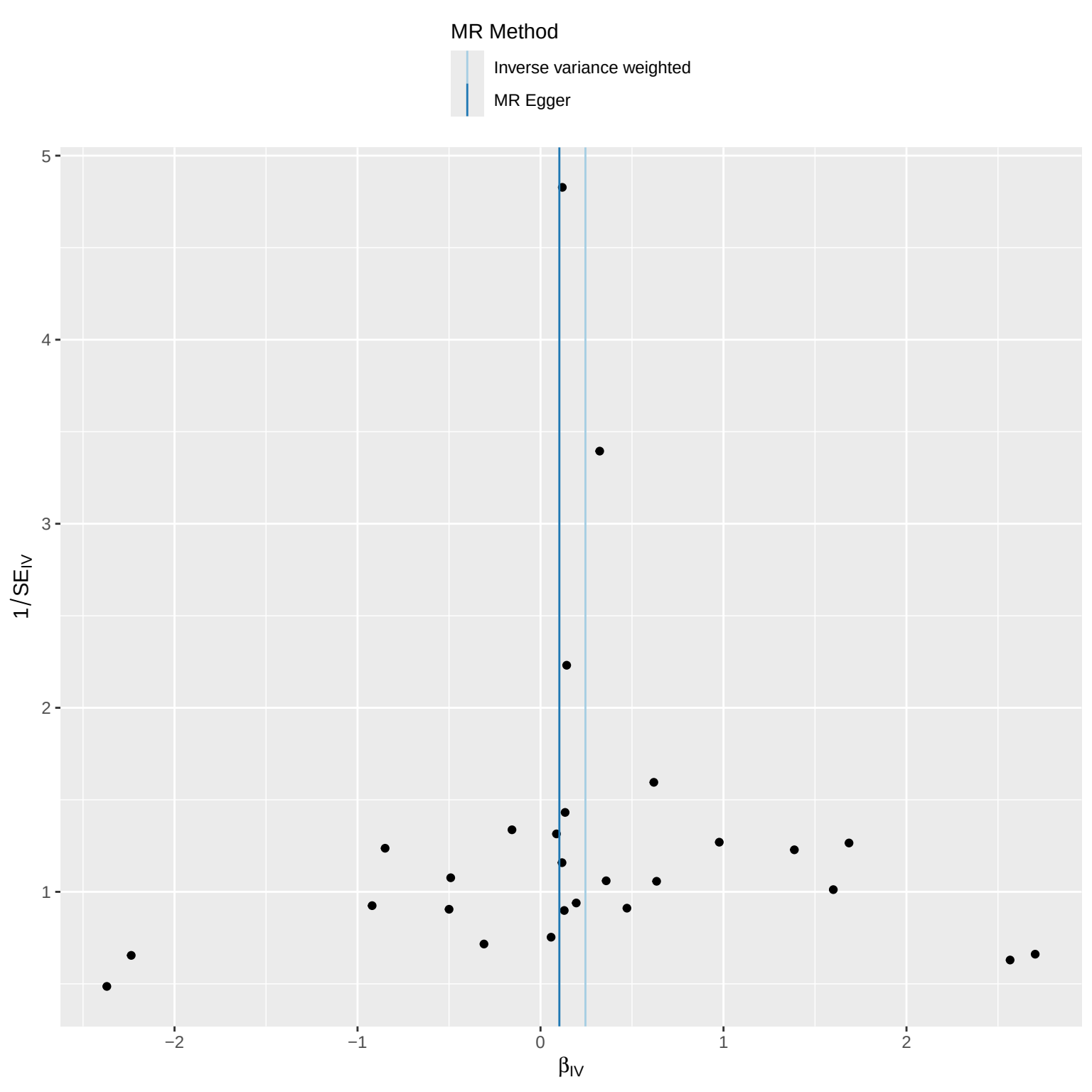

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

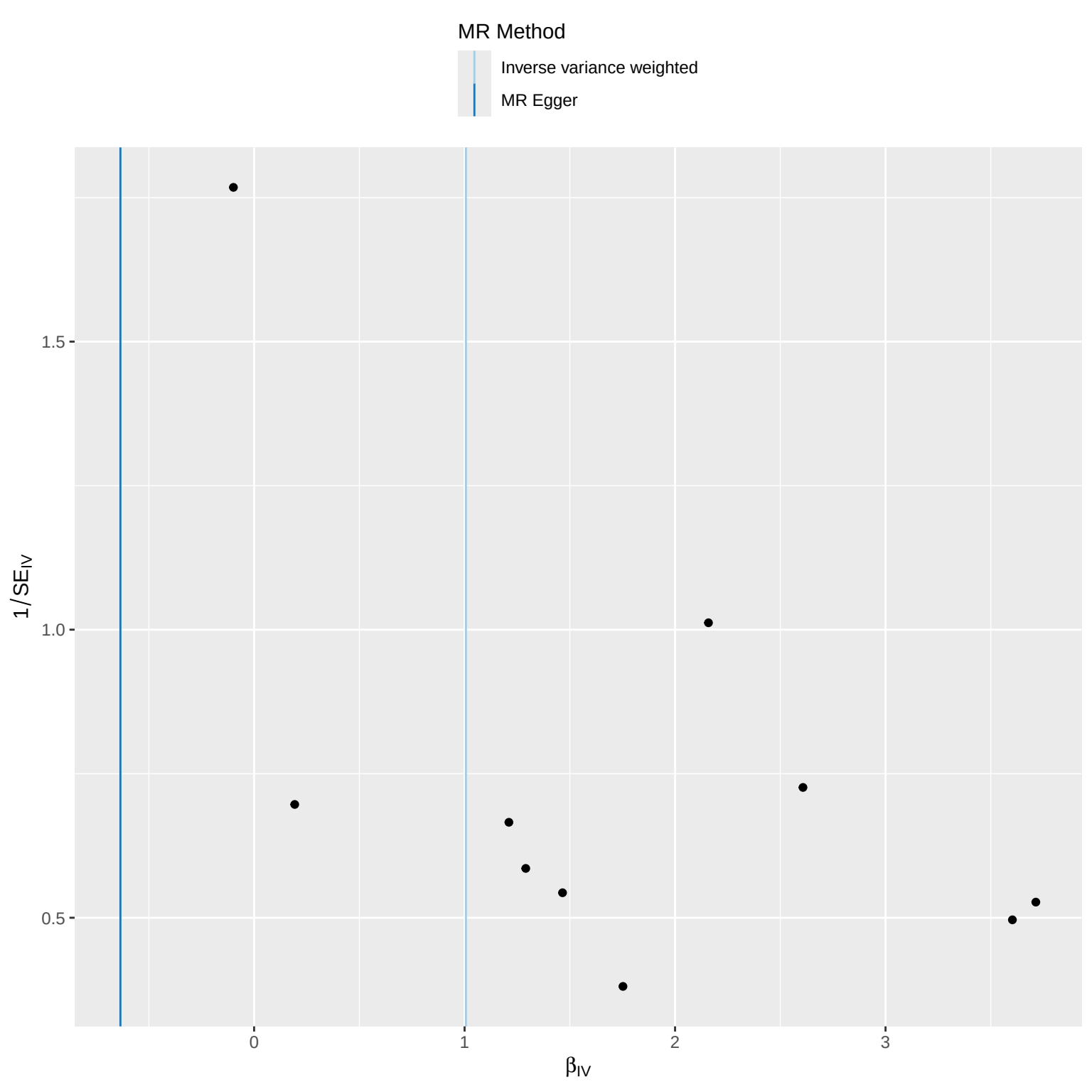

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

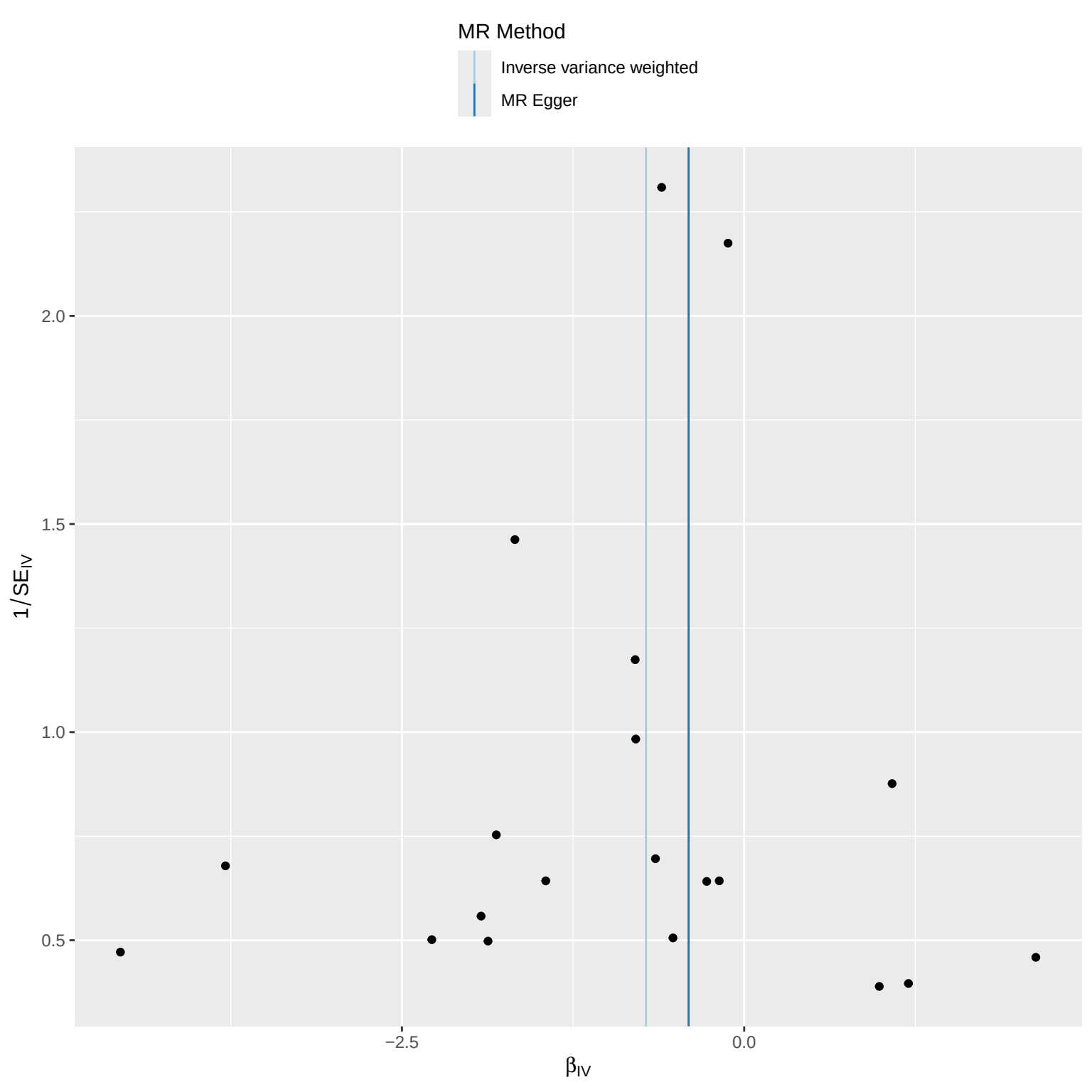

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−2.5
0.0
2.5
5.0
β_IV

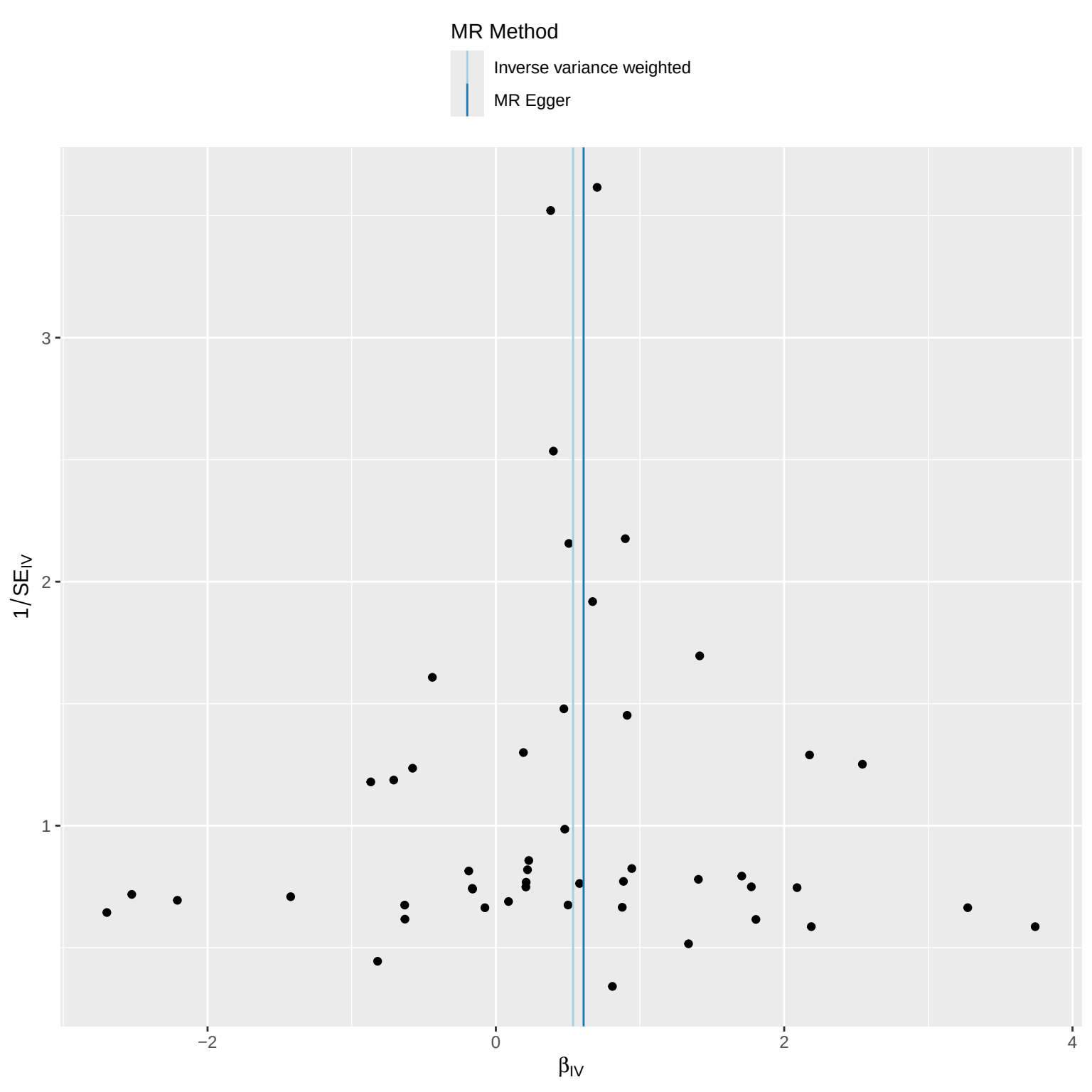

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−3
0
3
6
9
β_IV

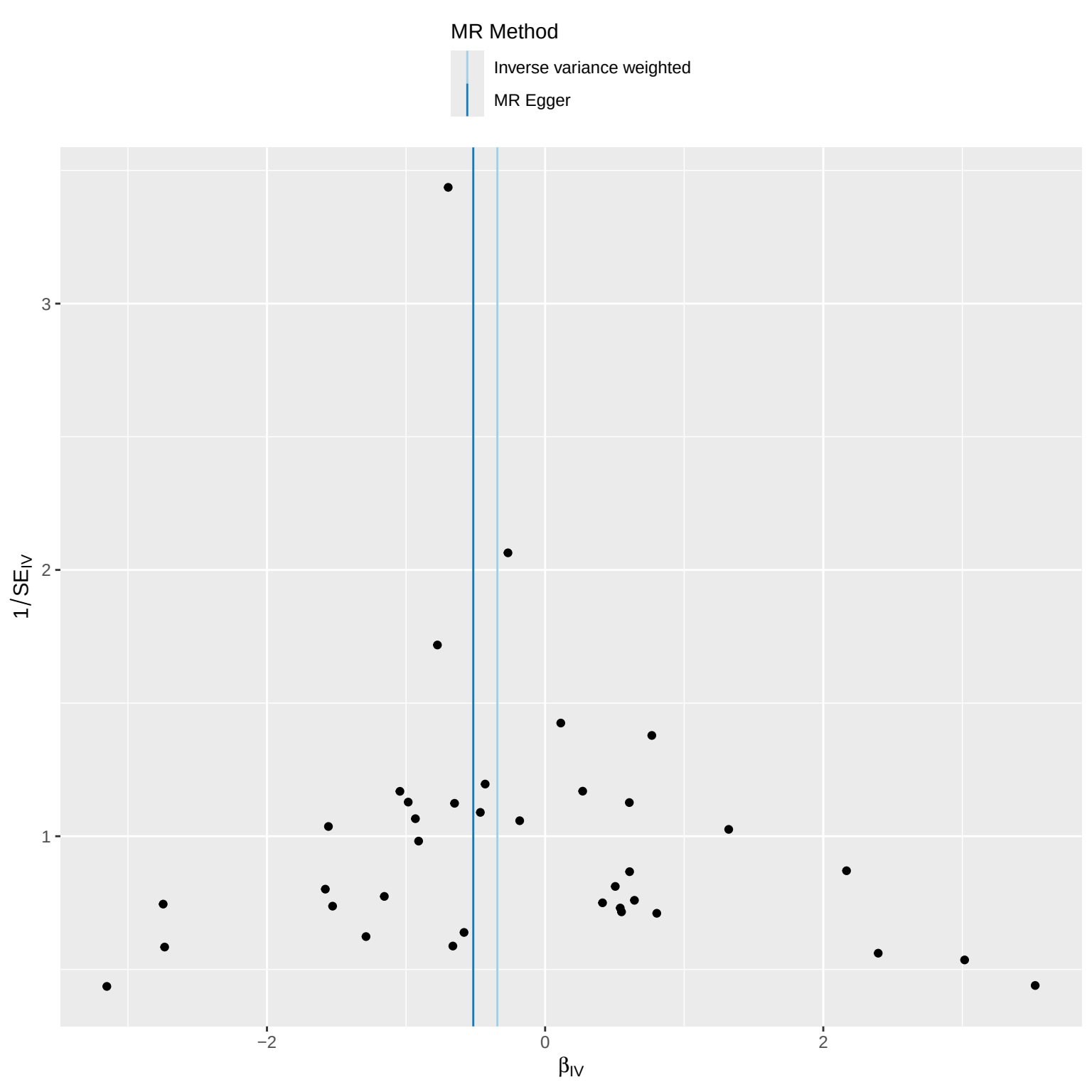

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−4
−2
0
2
β_IV

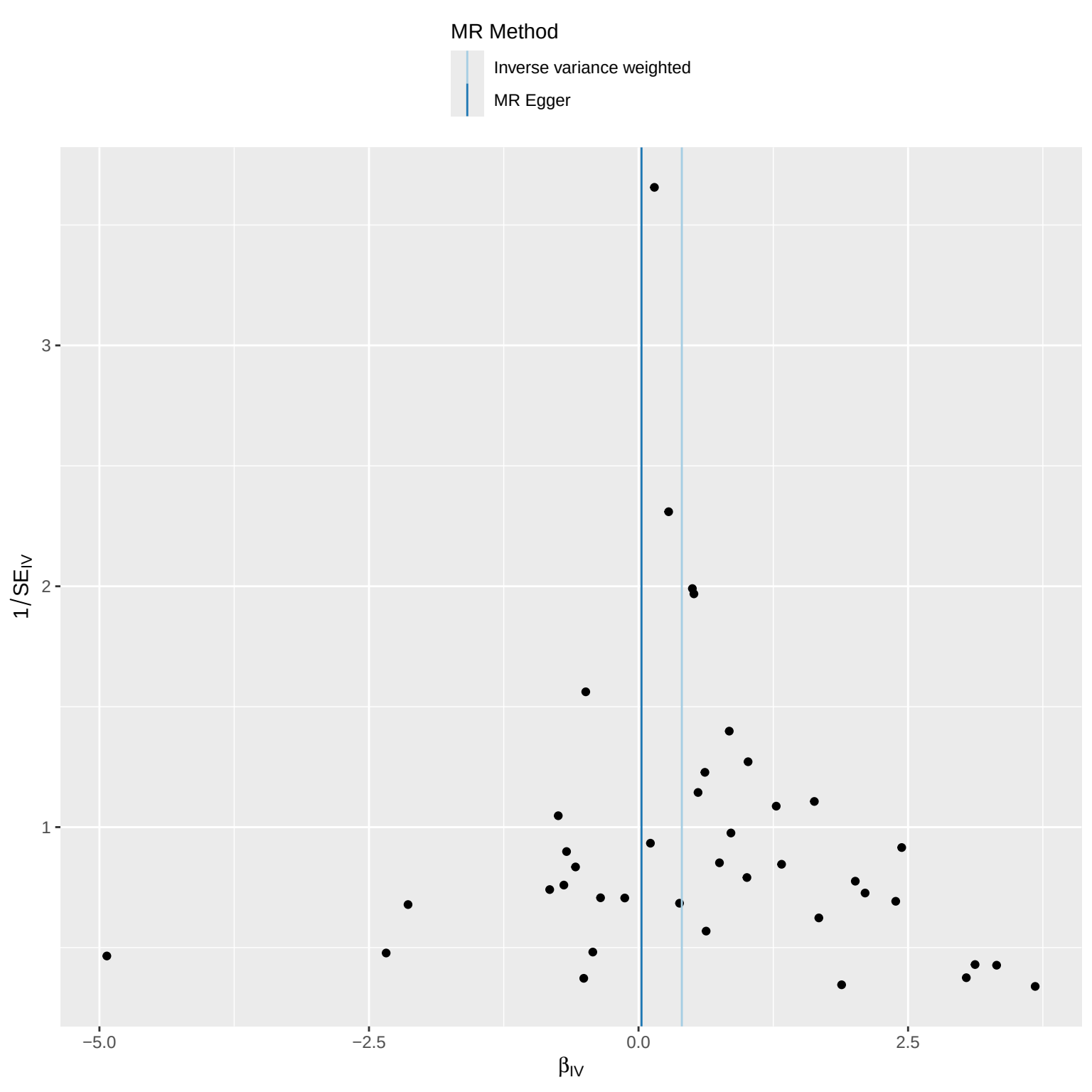

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

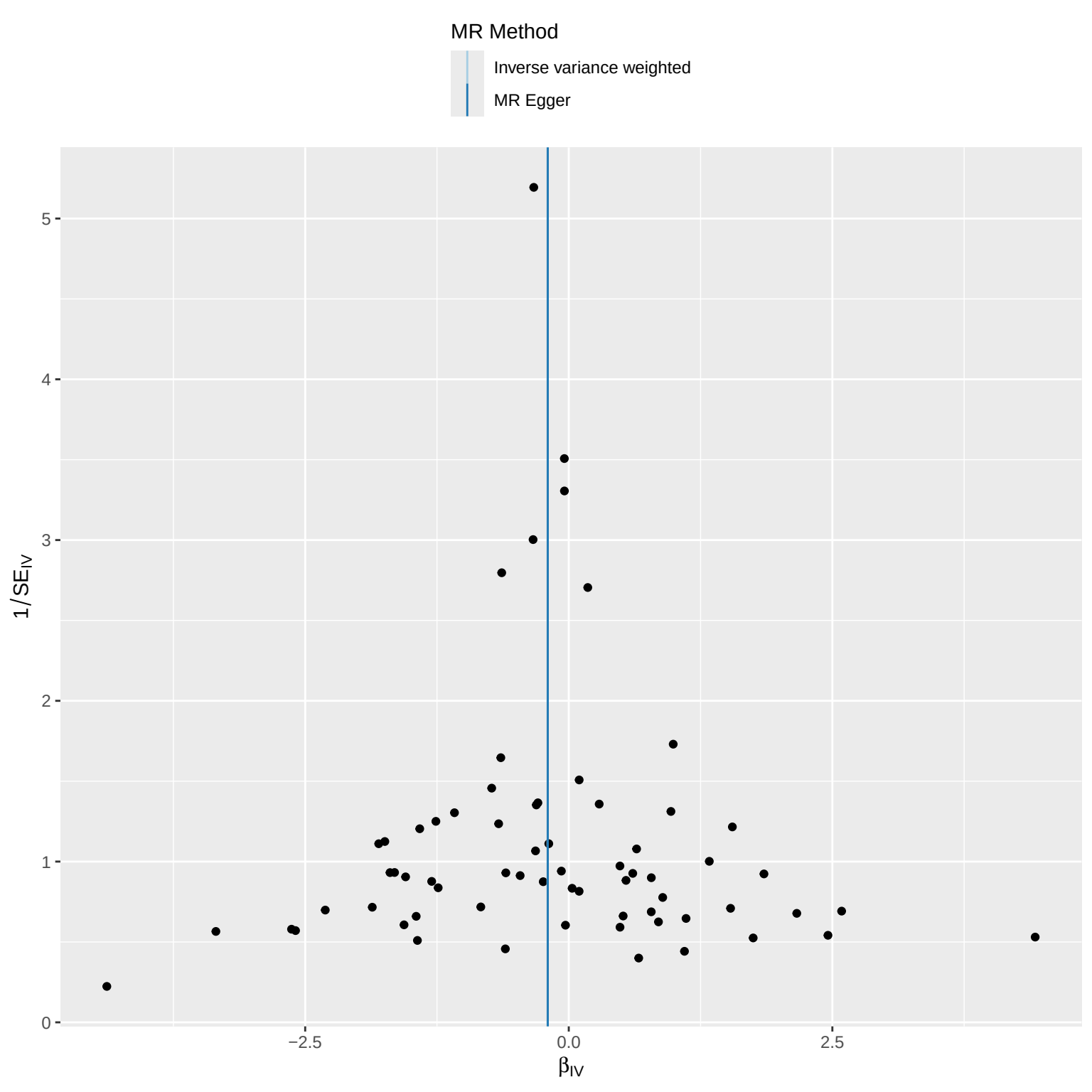

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

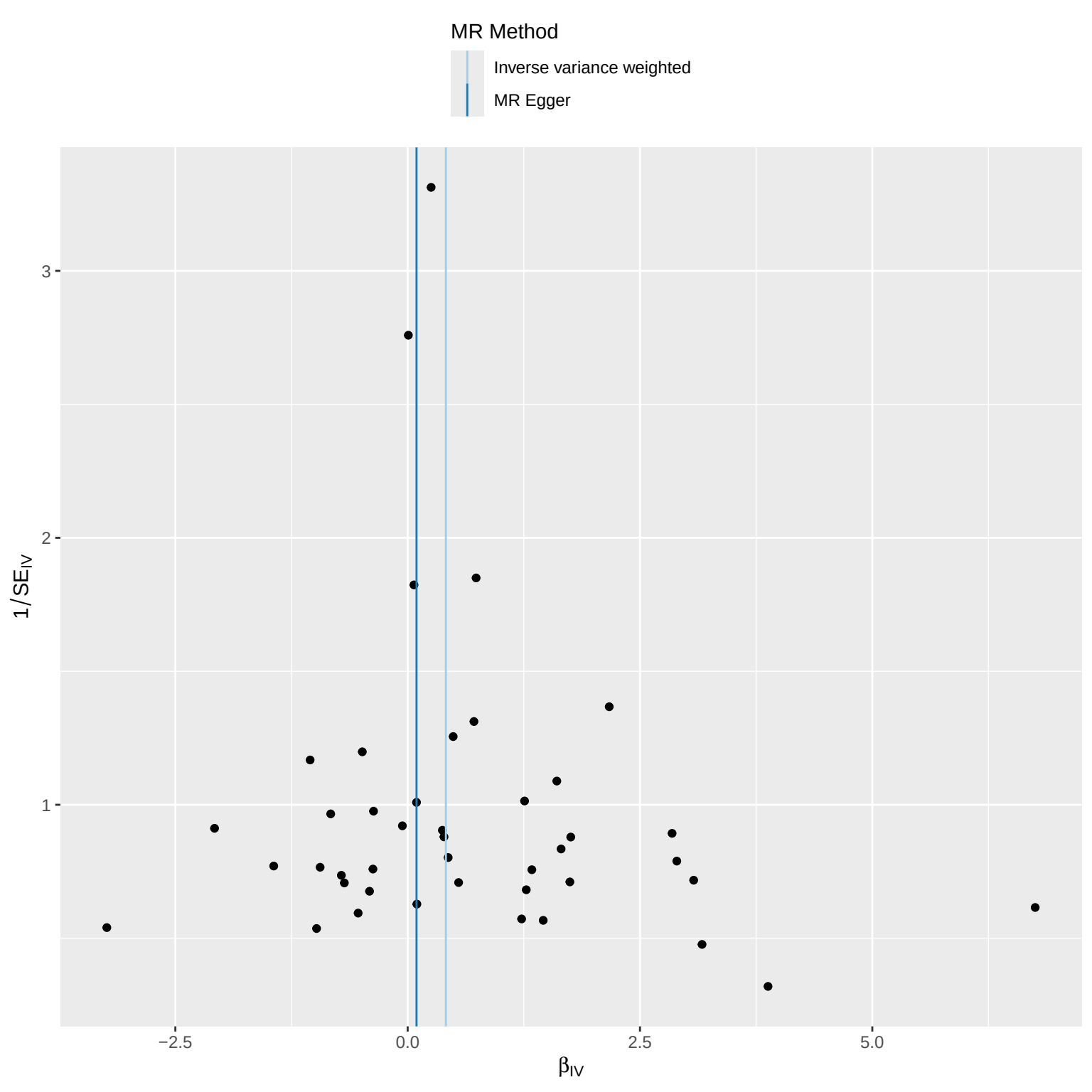

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
β_IV

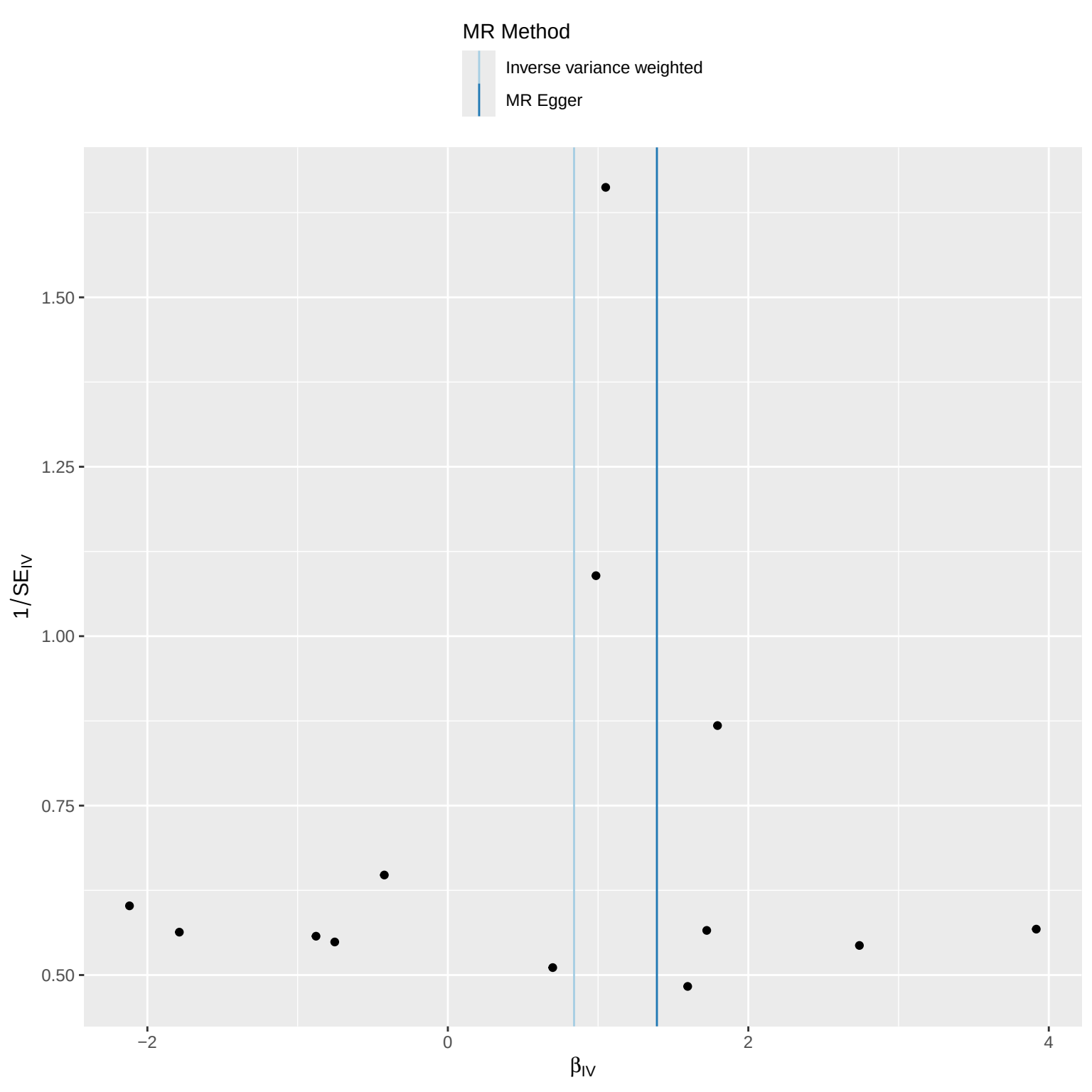

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

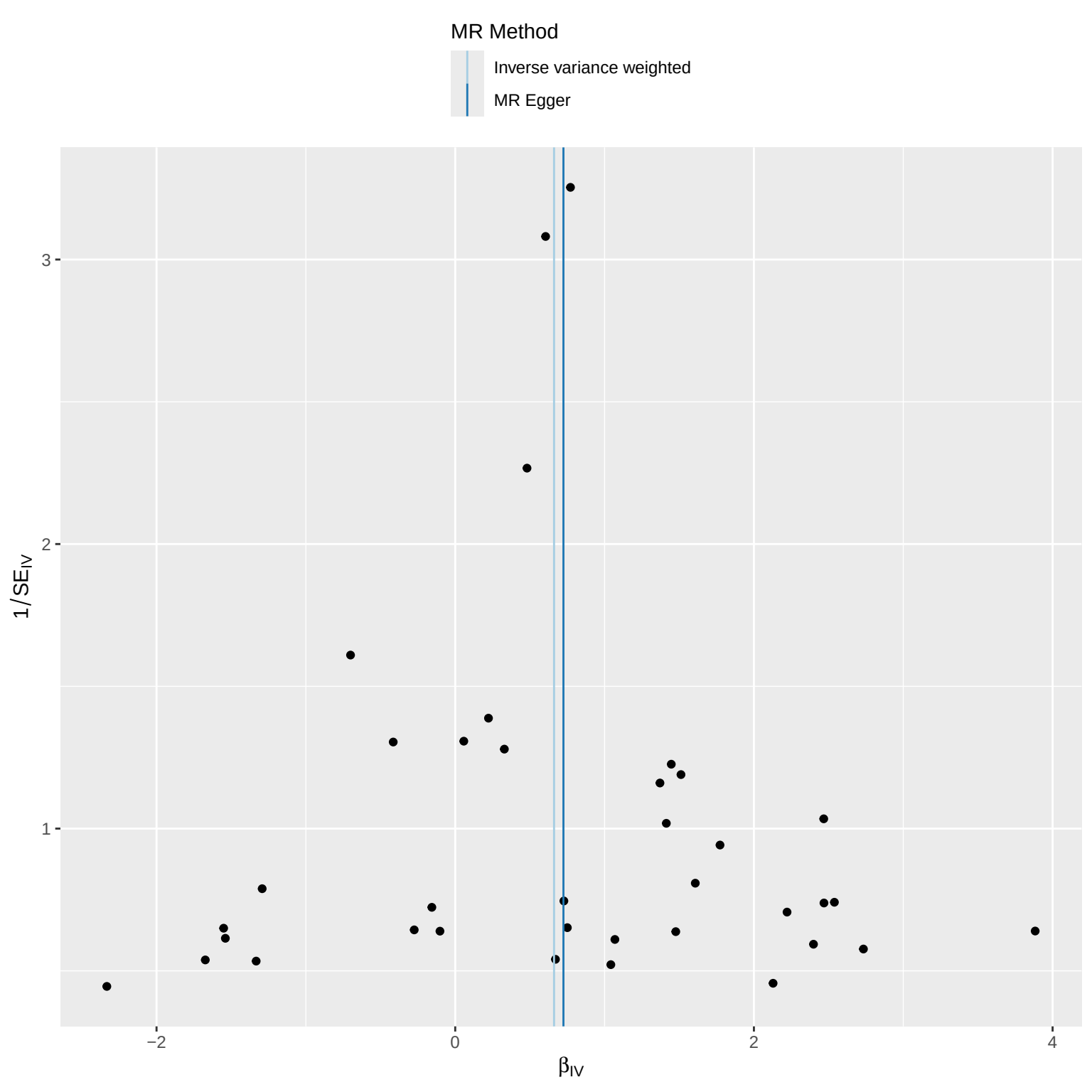

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

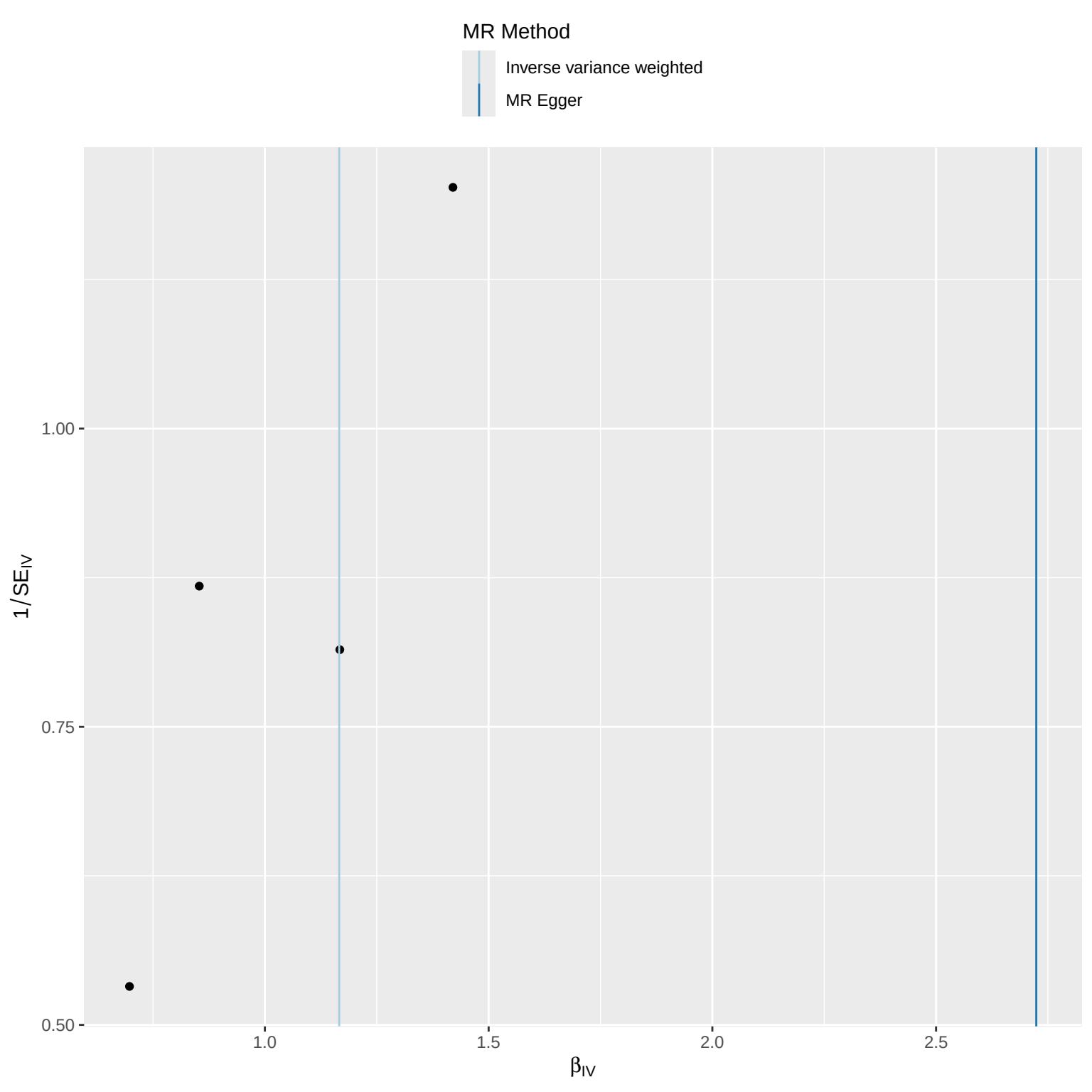

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

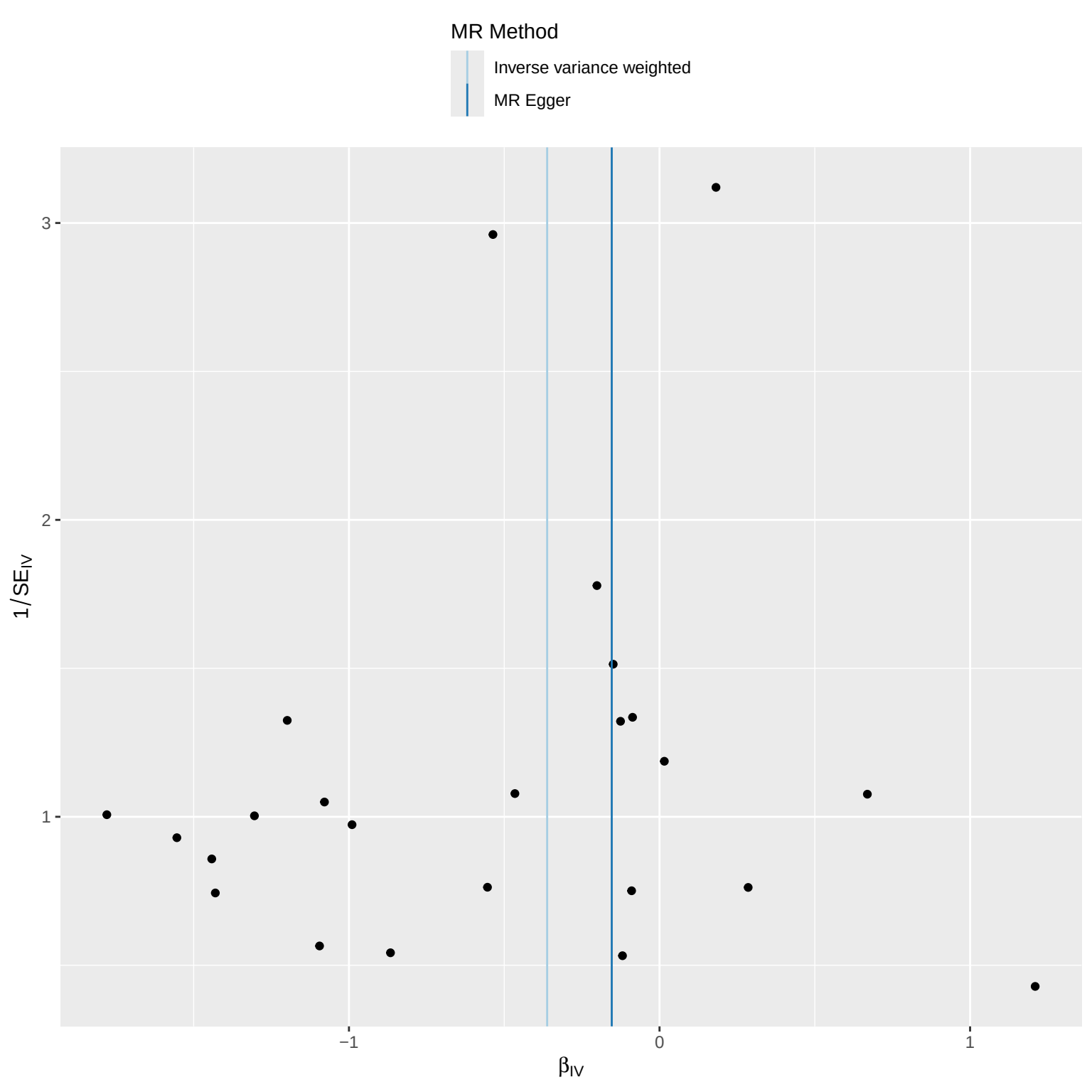

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2.5
0.0
2.5
β_IV

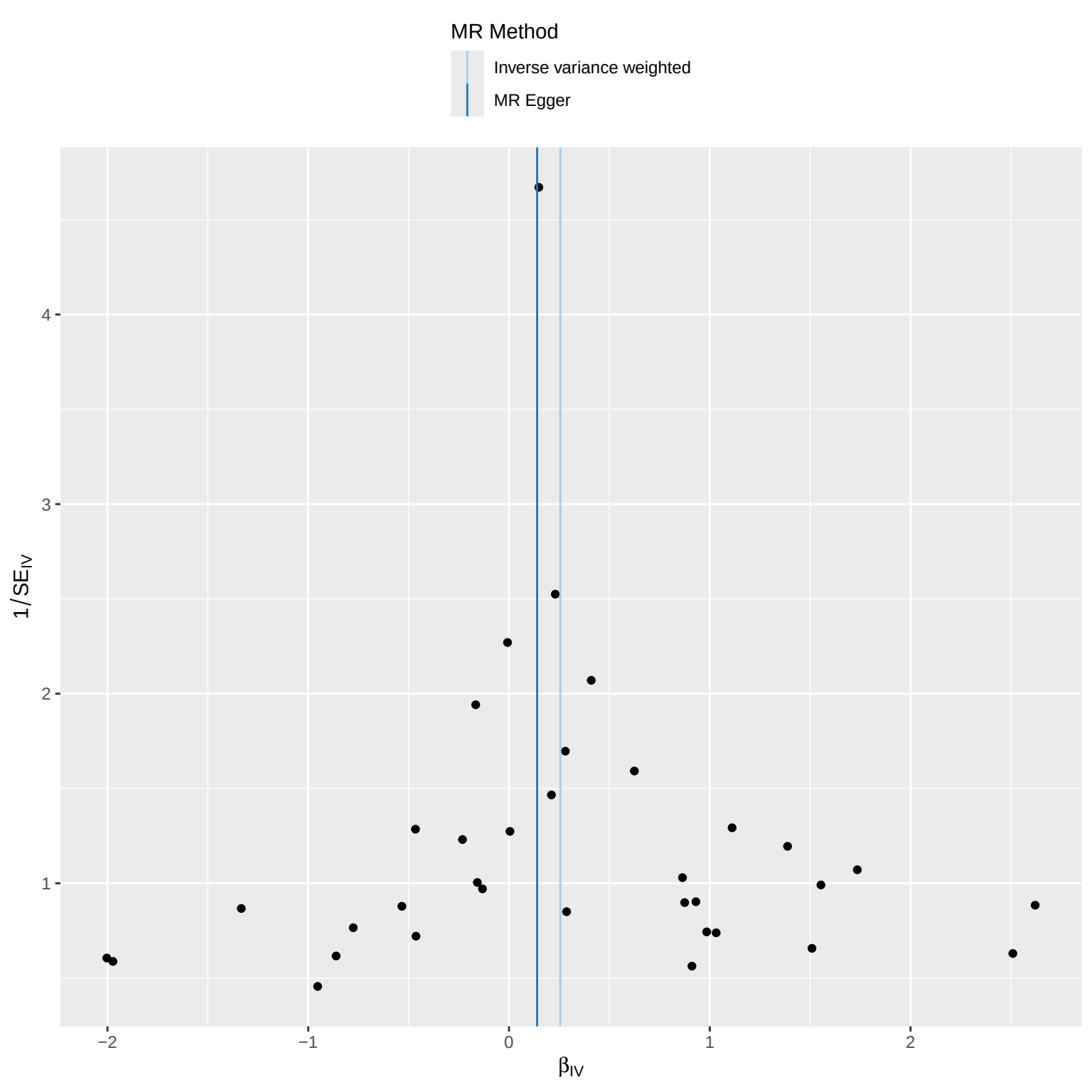

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

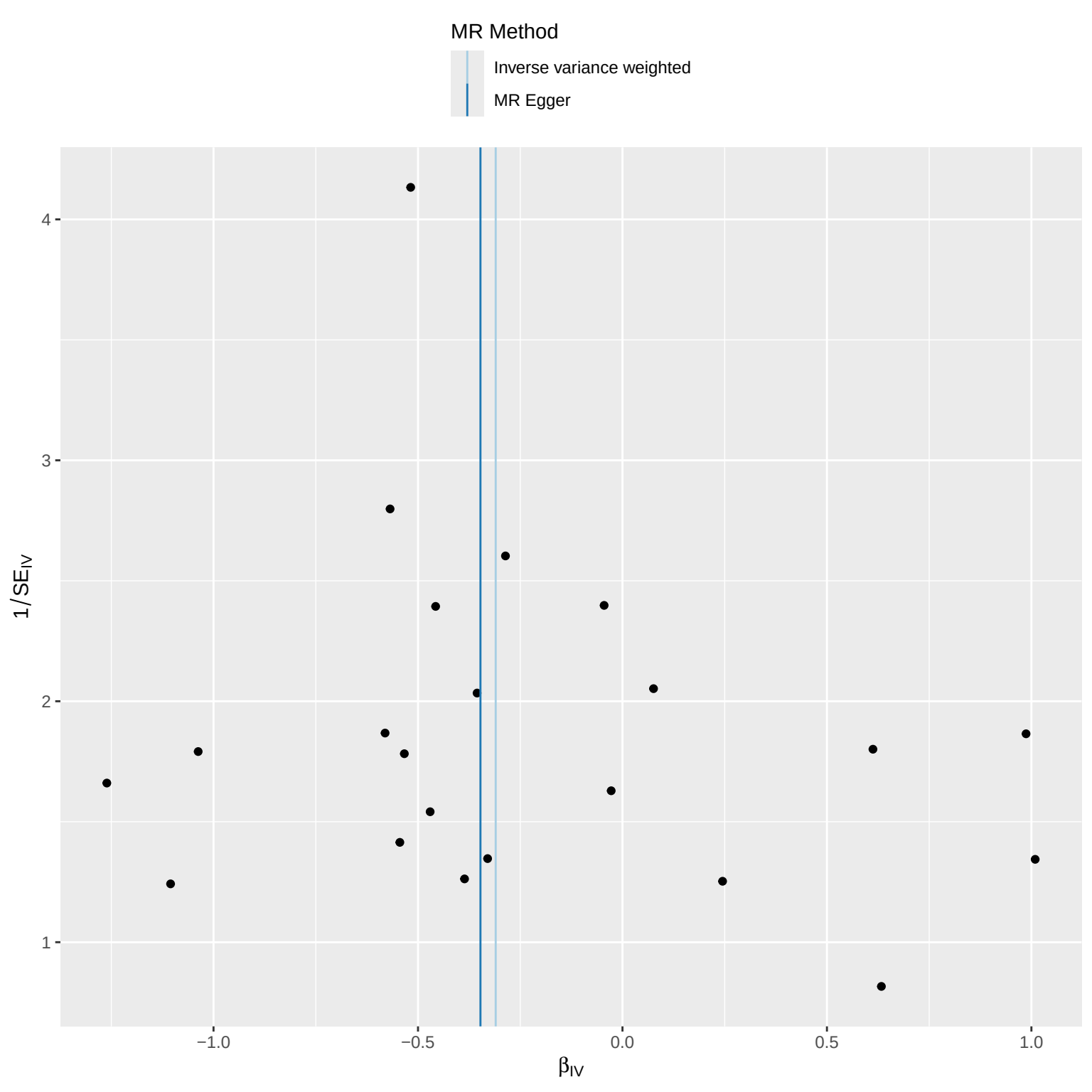

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
0
2
4
β_IV

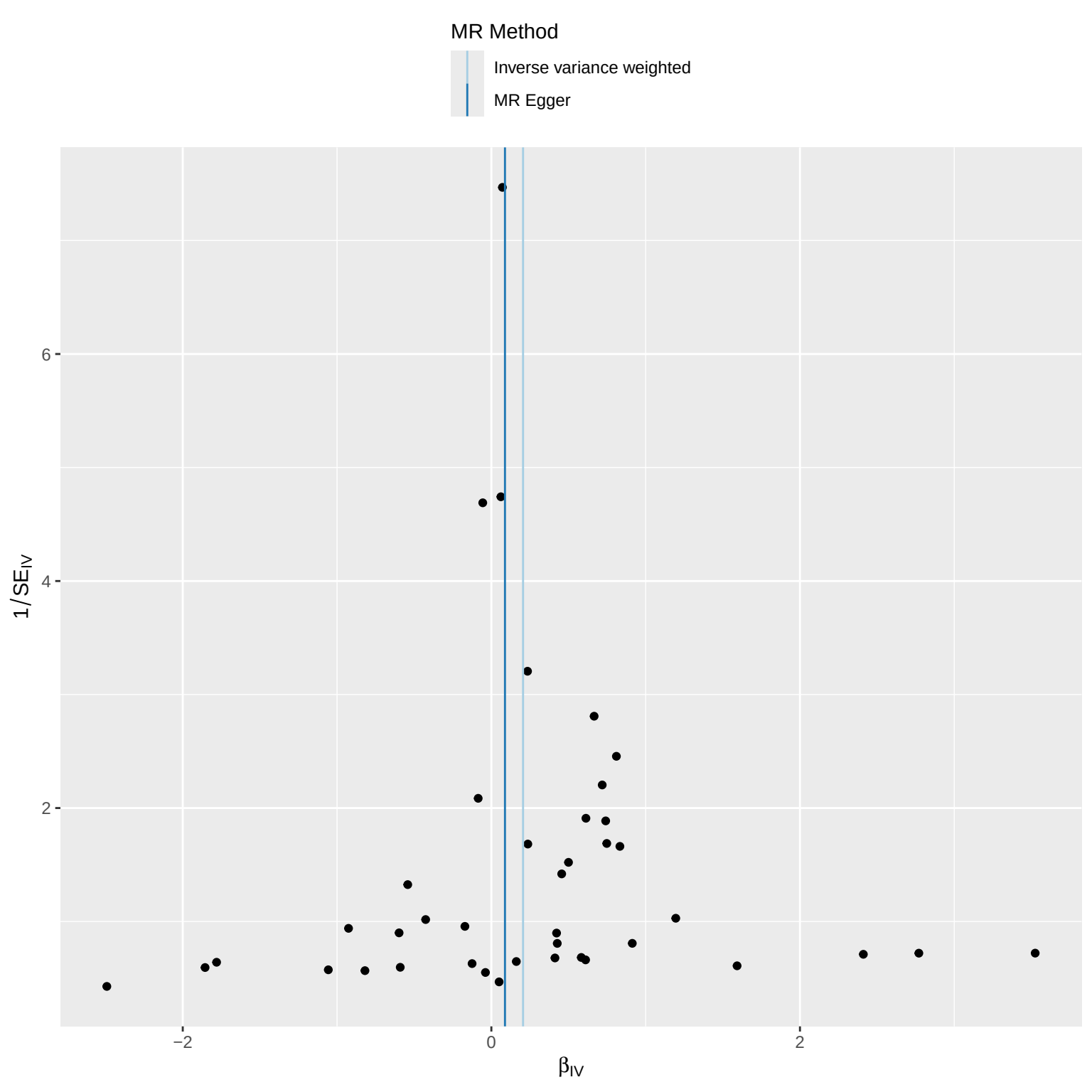

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

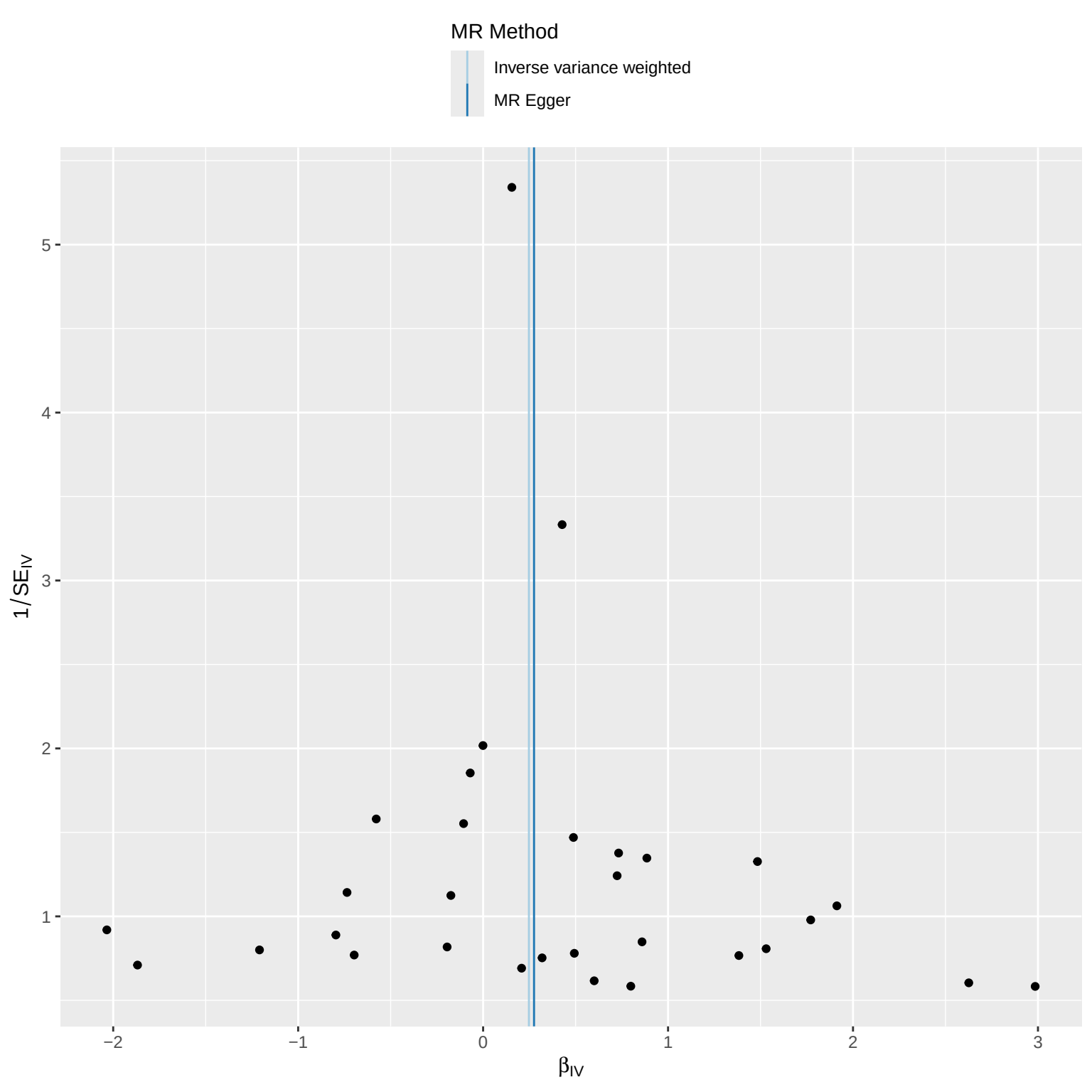

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

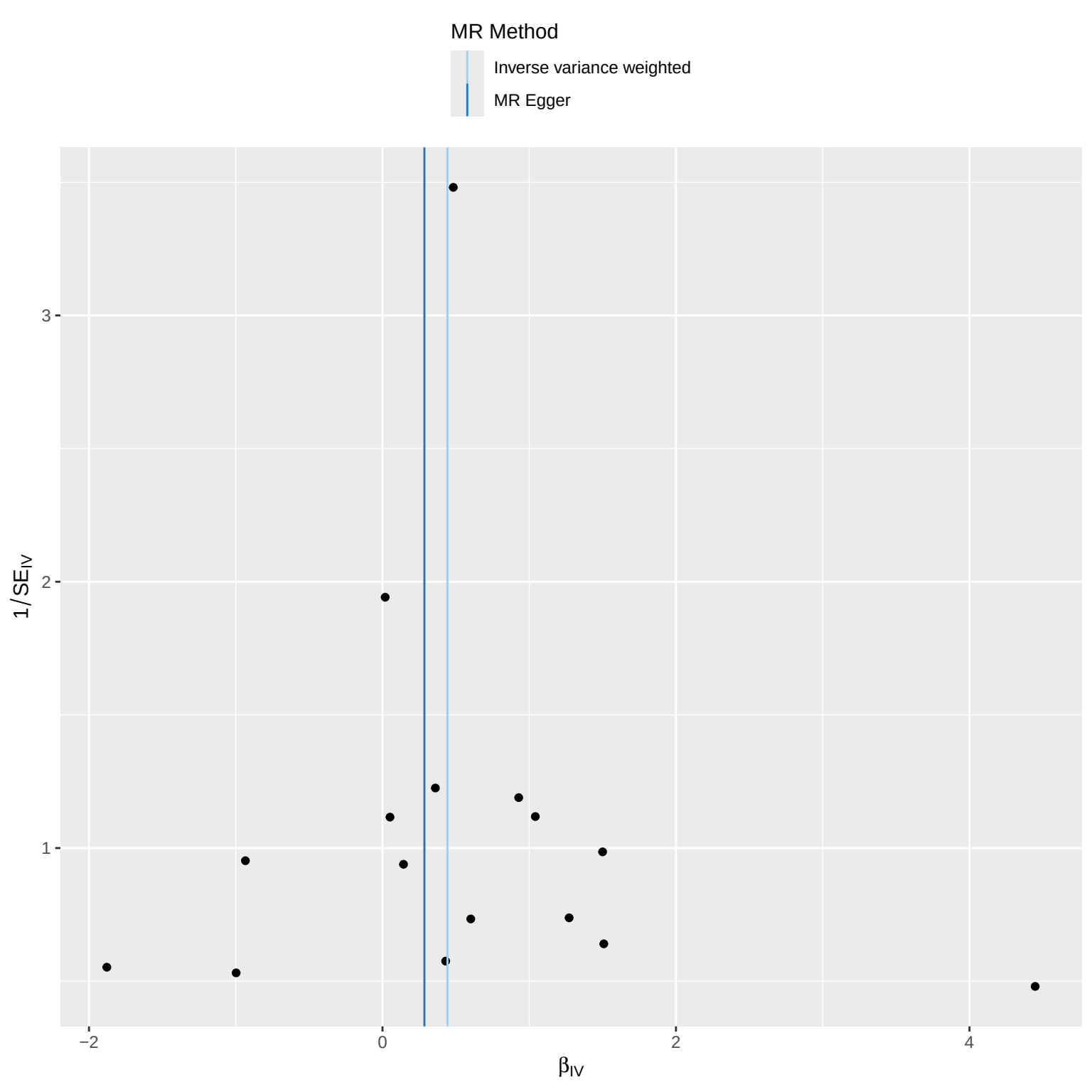

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

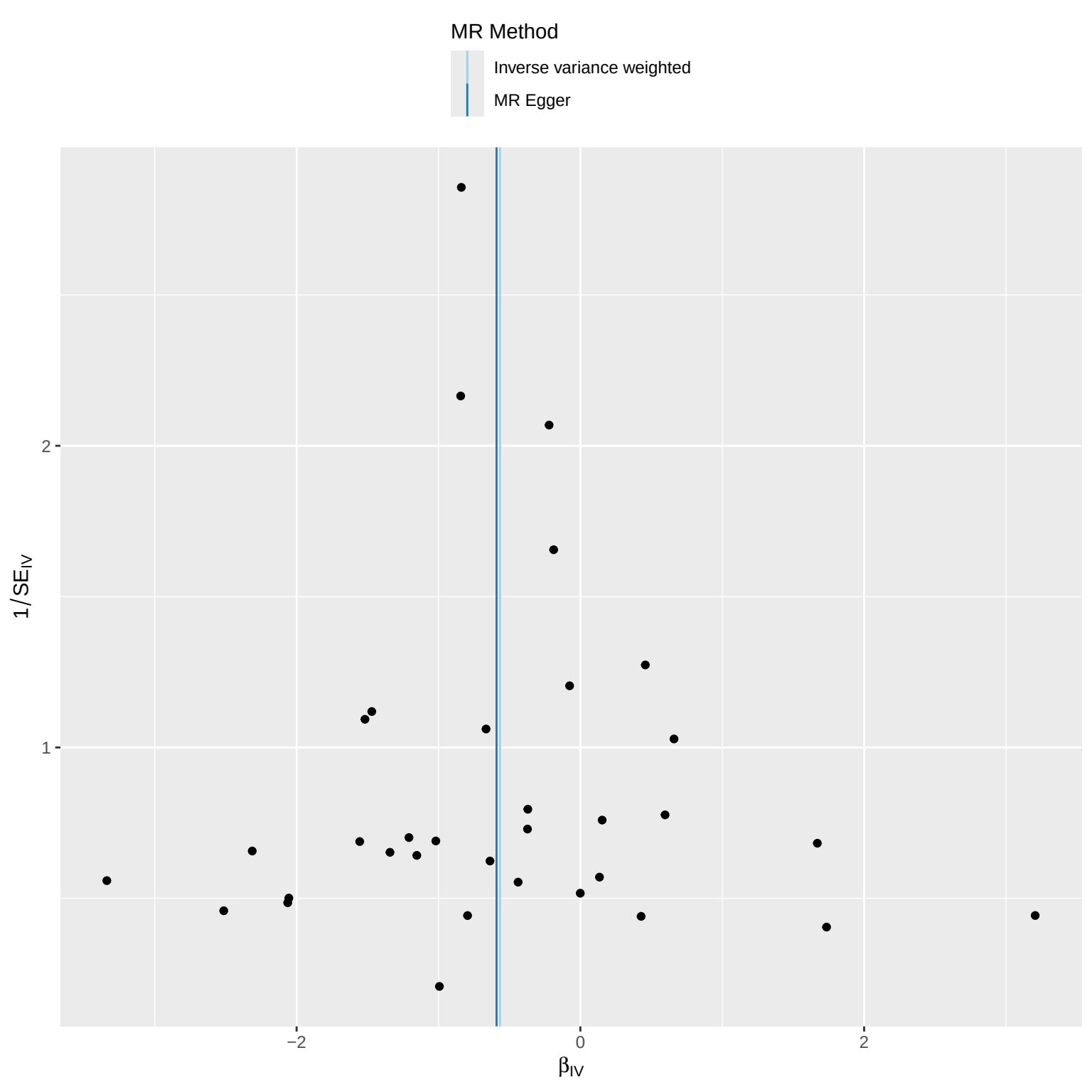

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2

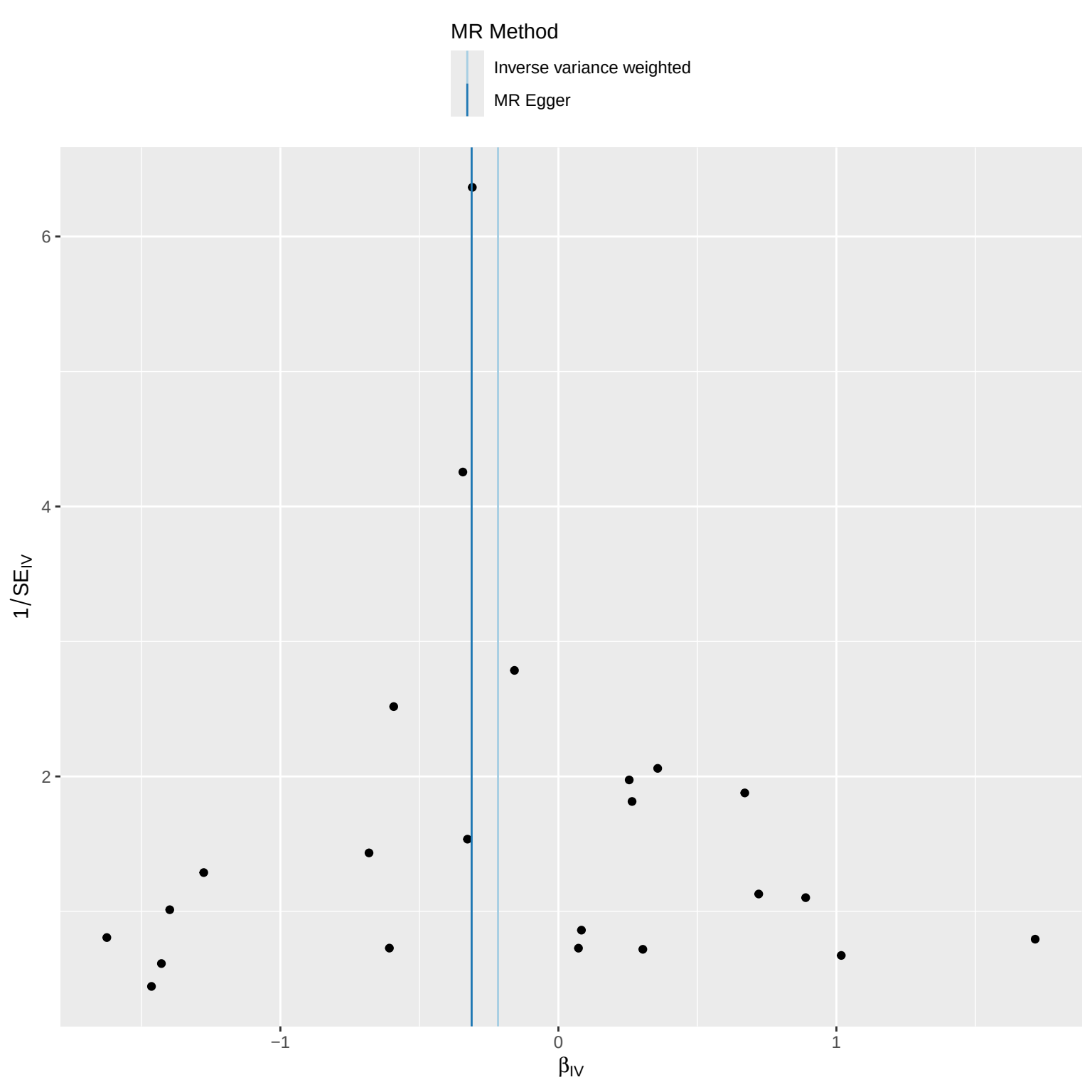

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

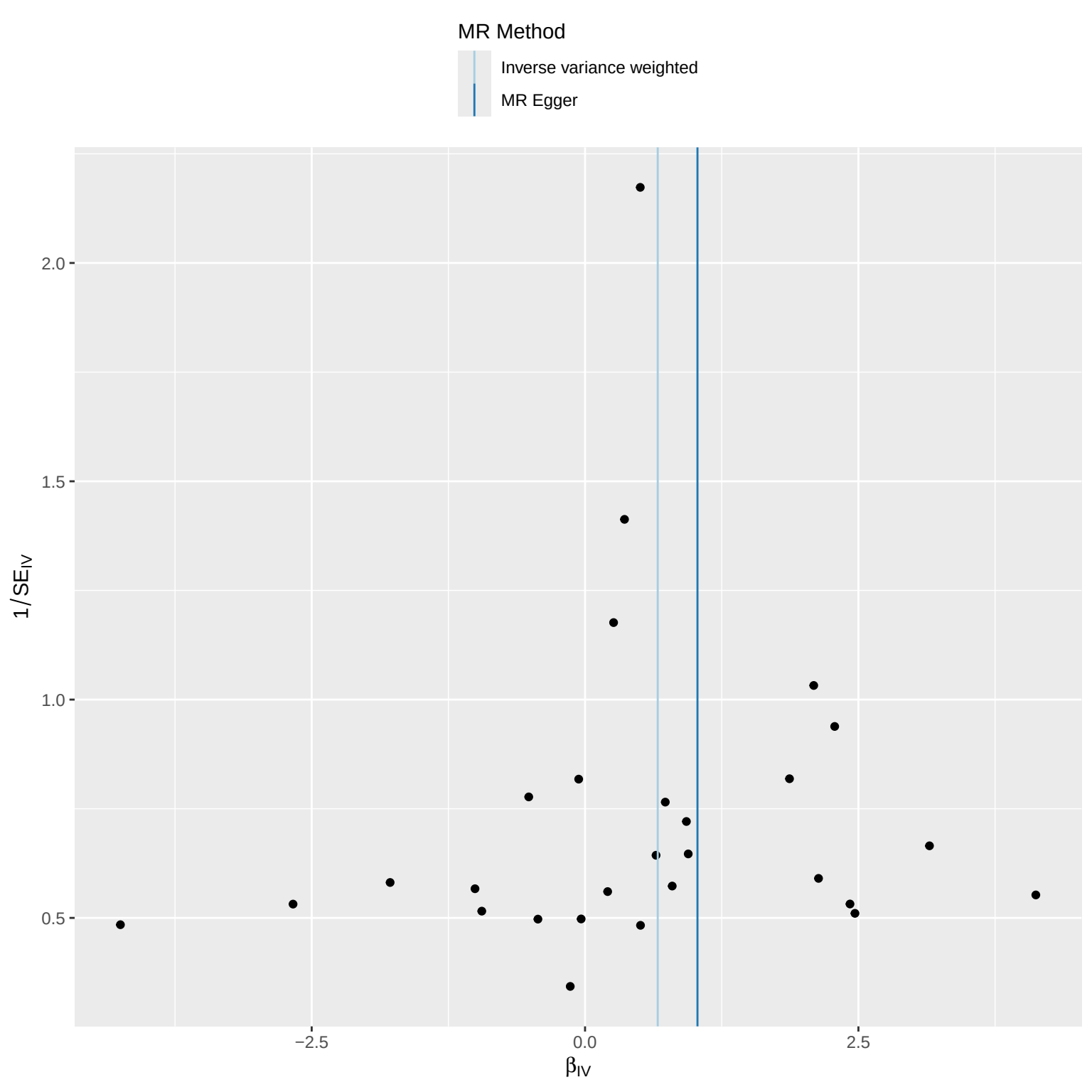

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

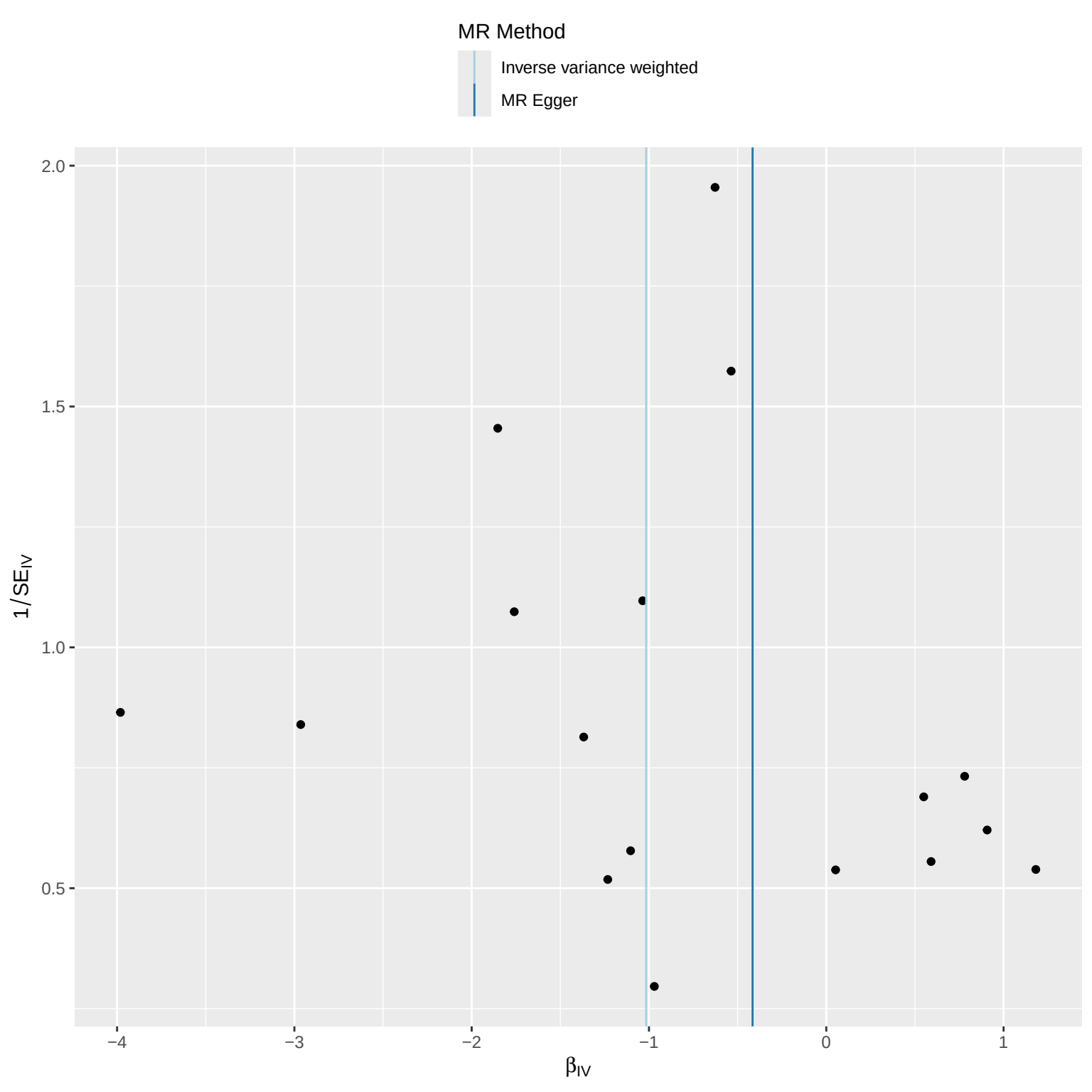

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2
3

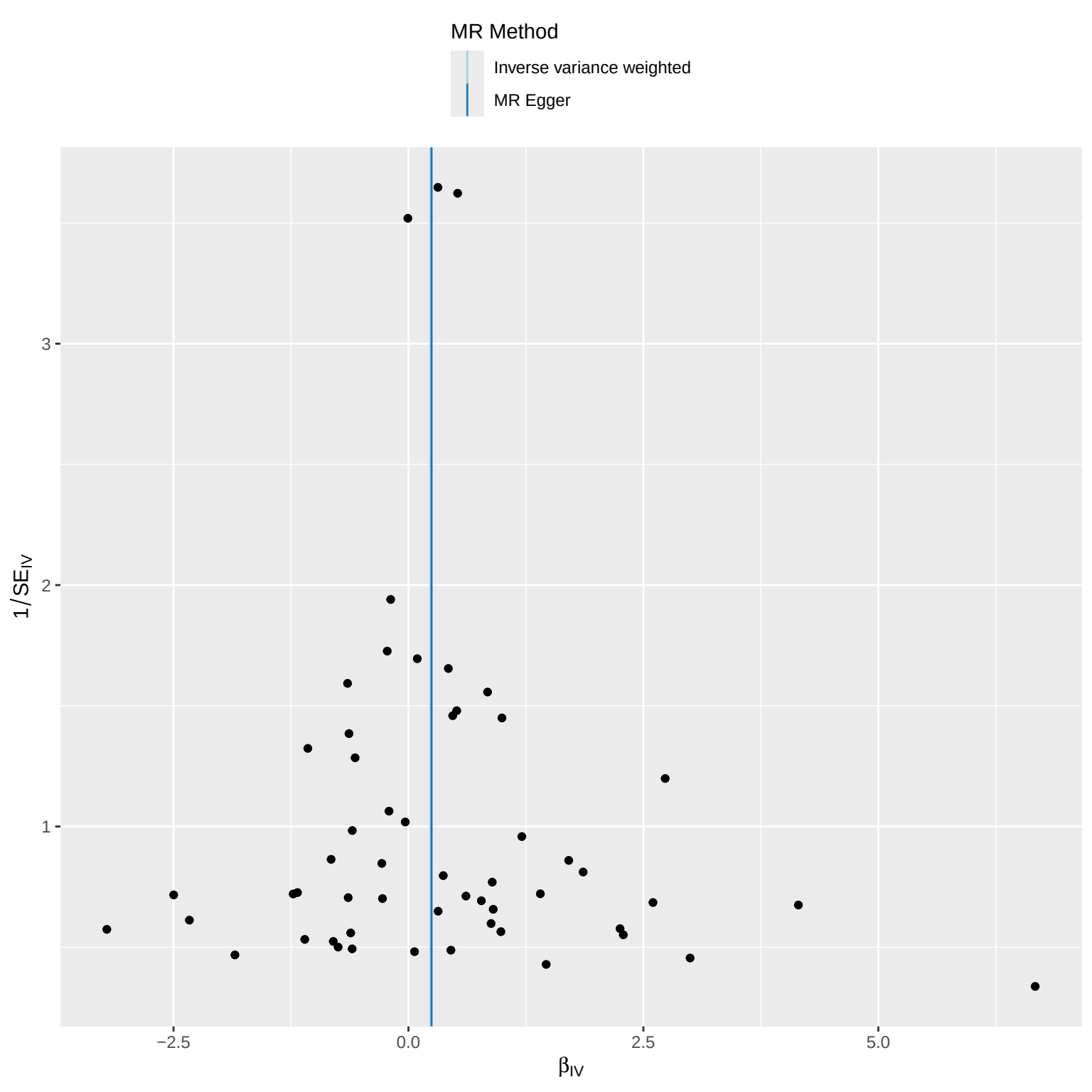

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

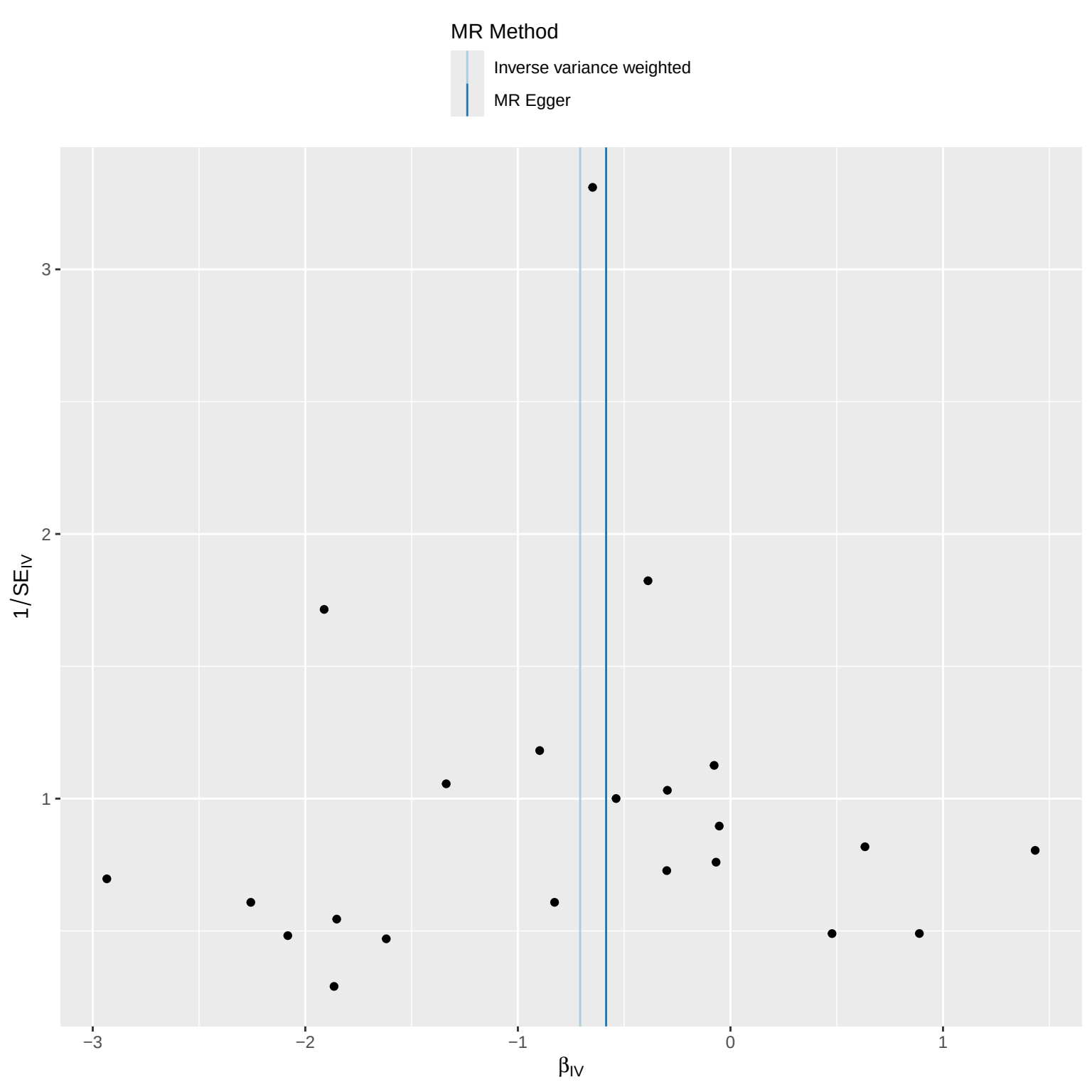

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

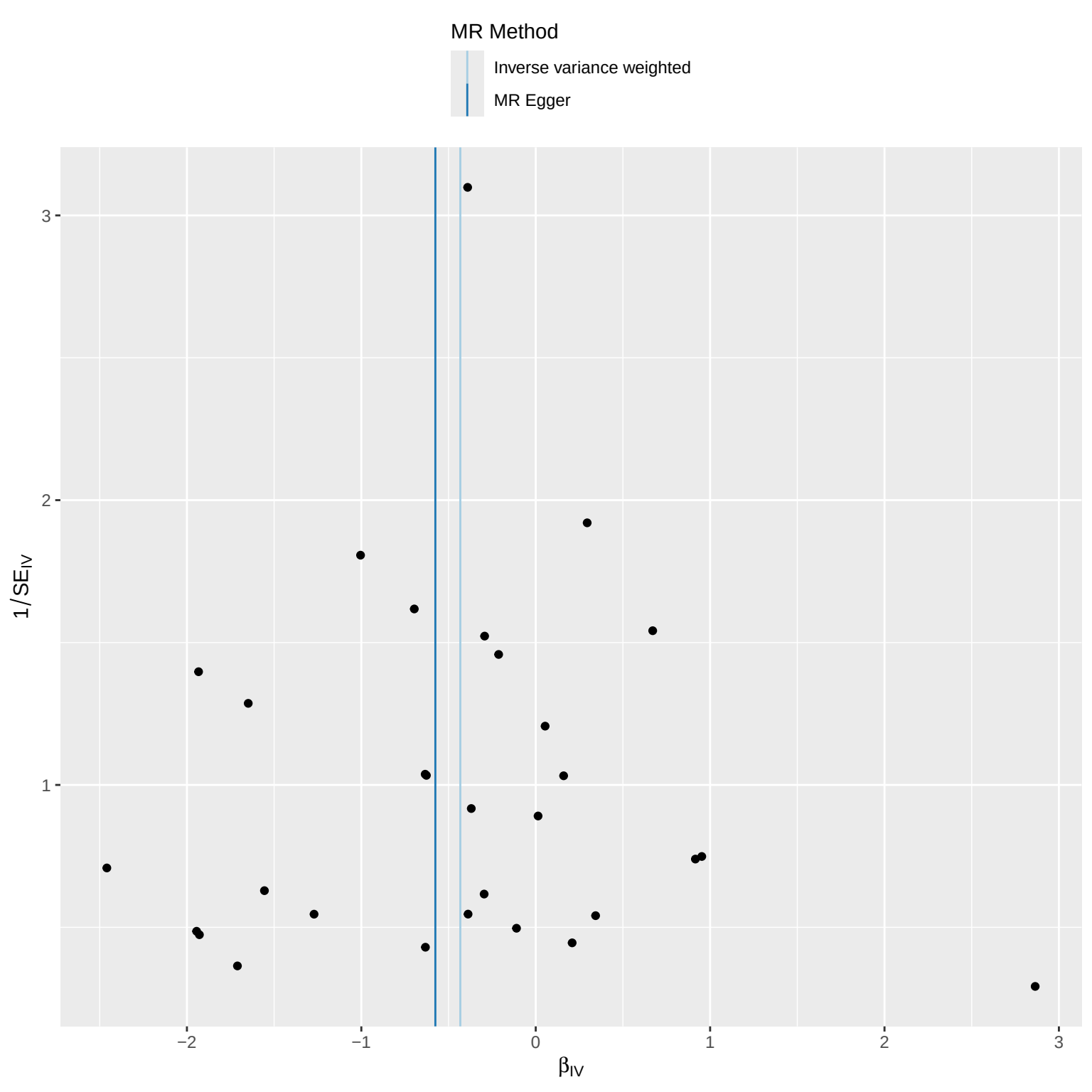

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

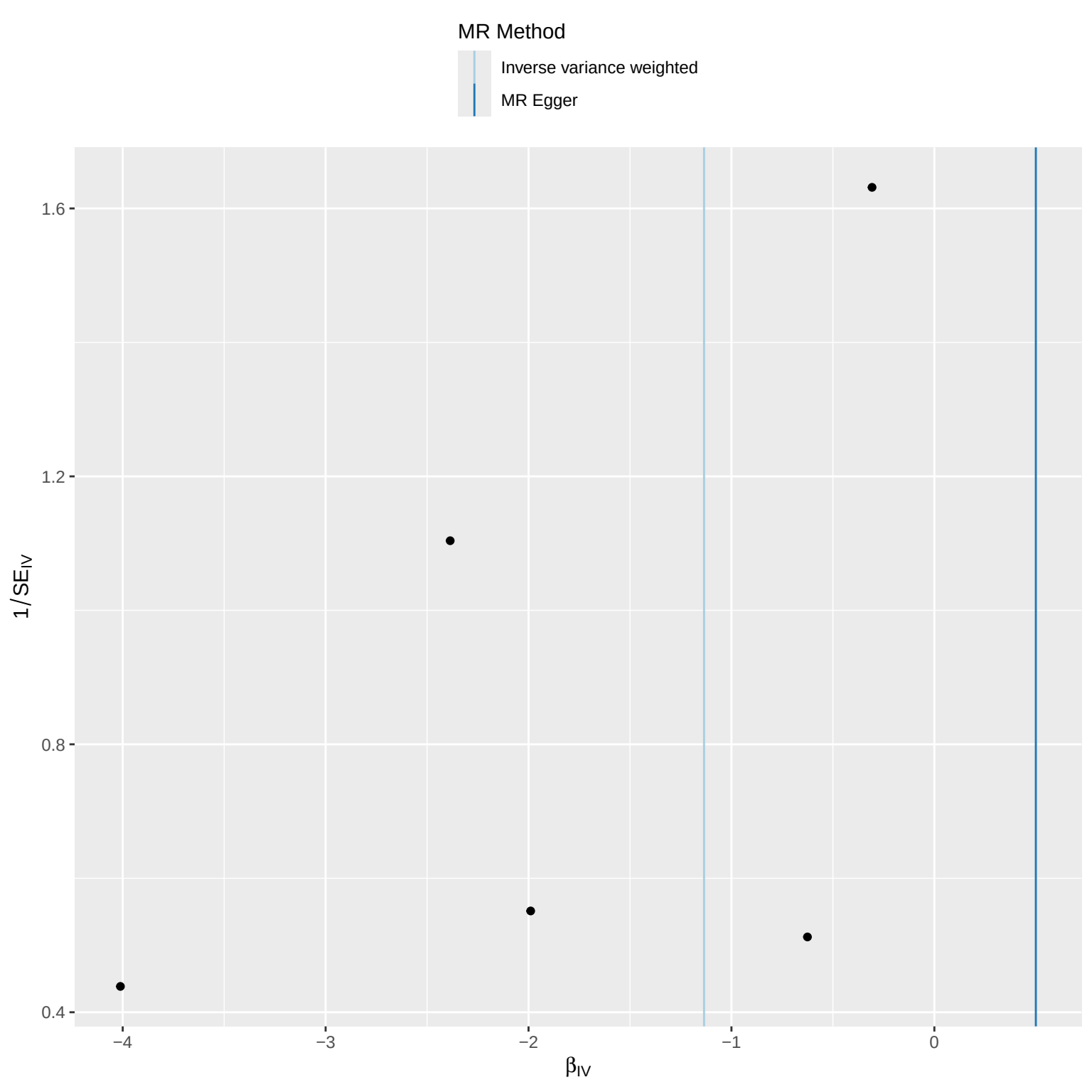

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

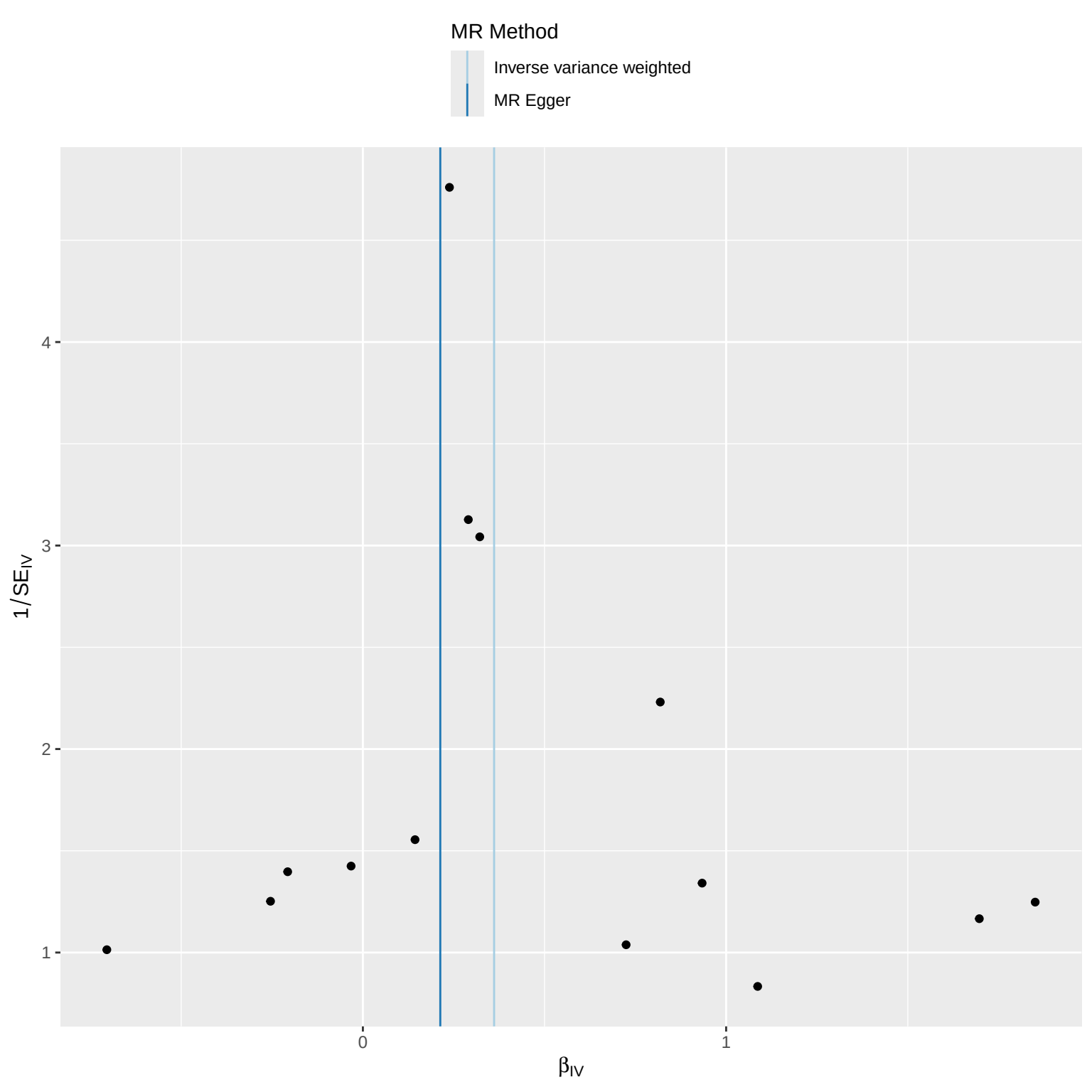

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

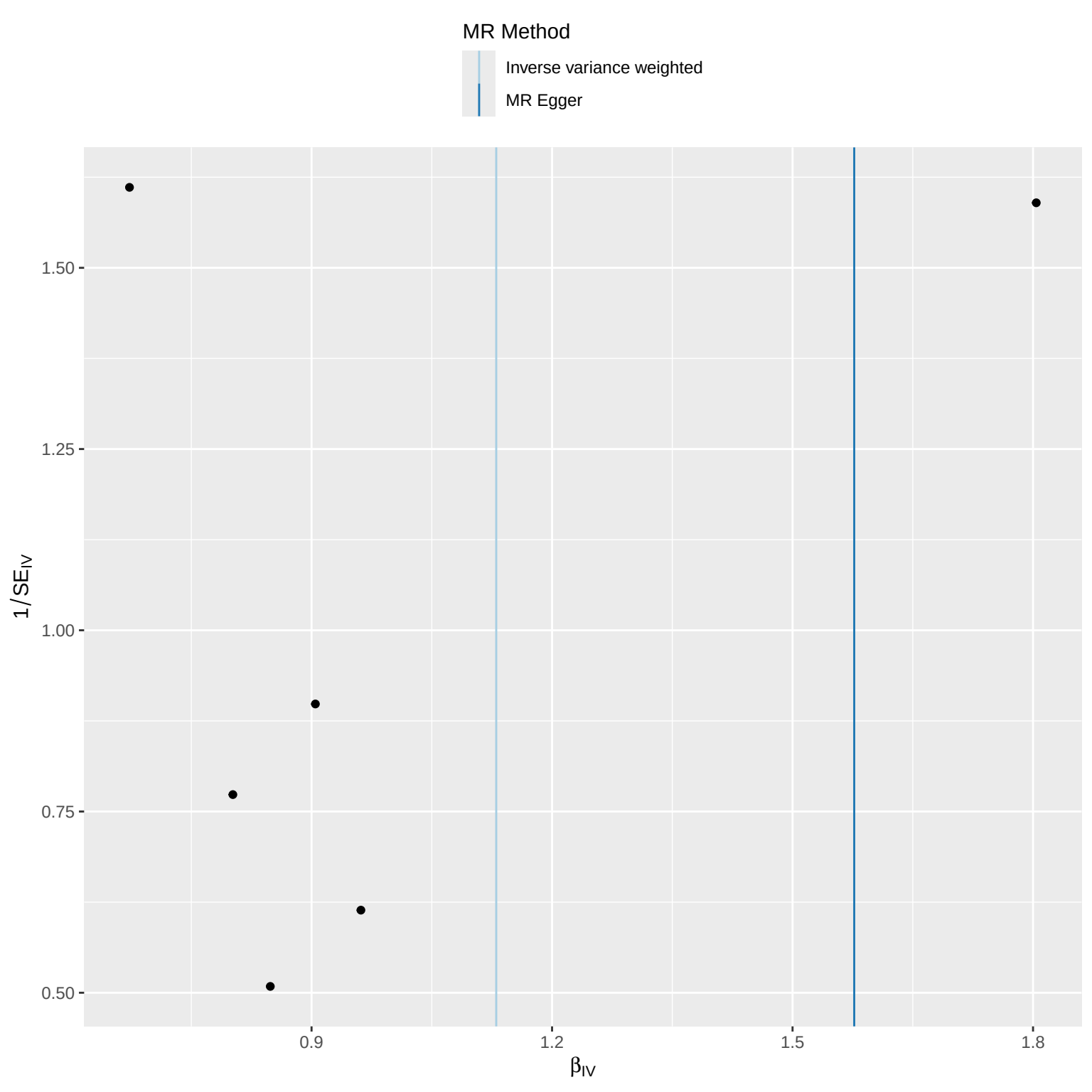

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

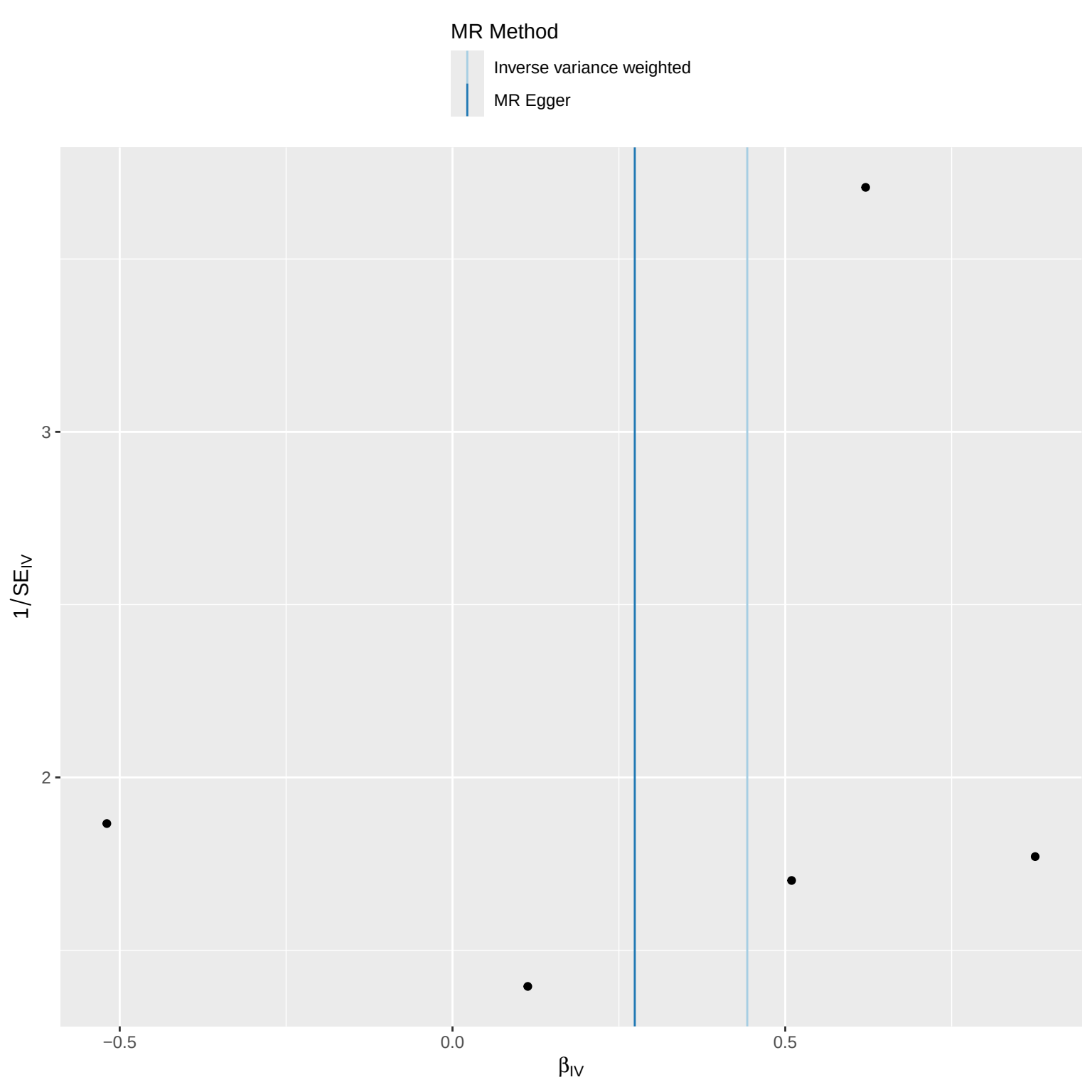

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

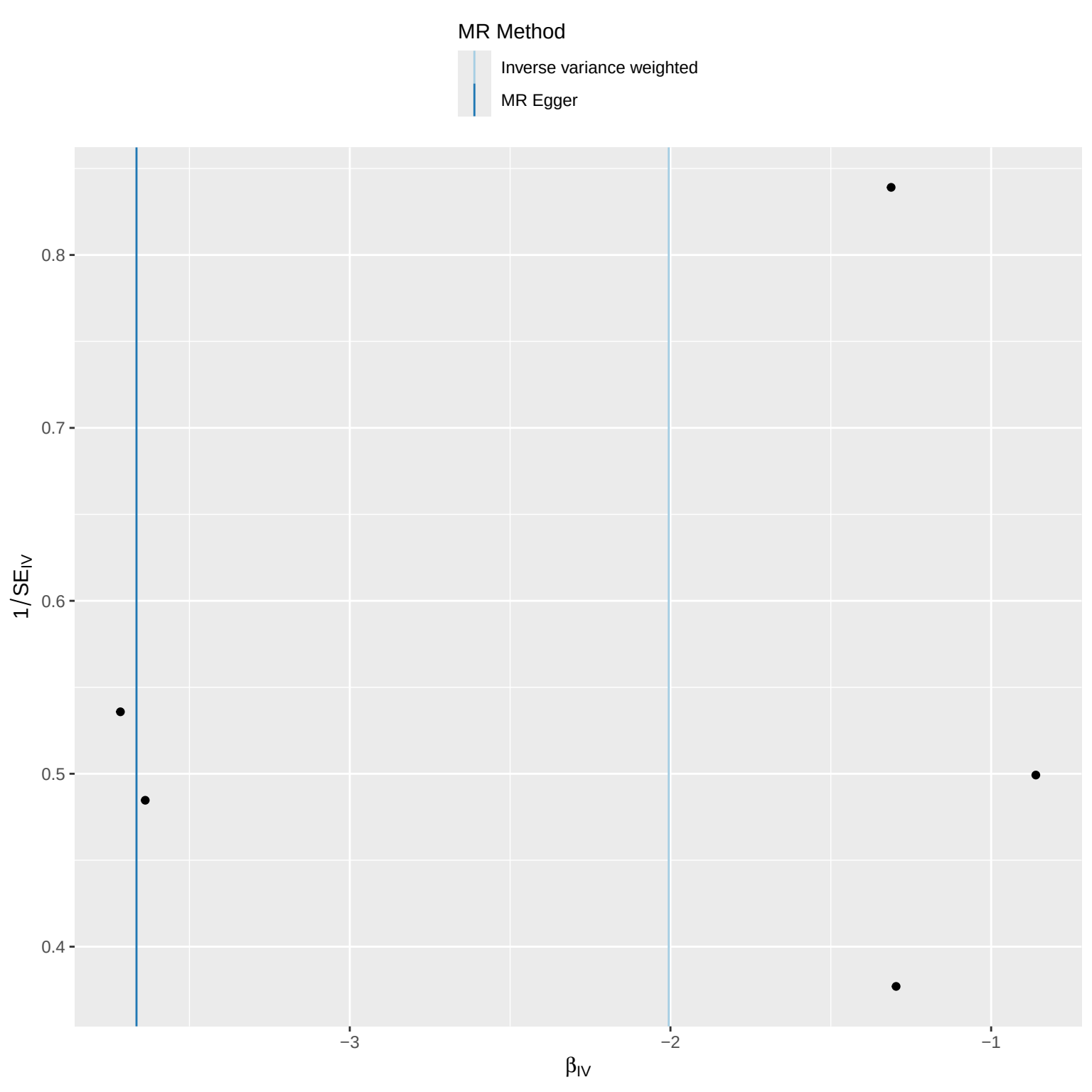

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

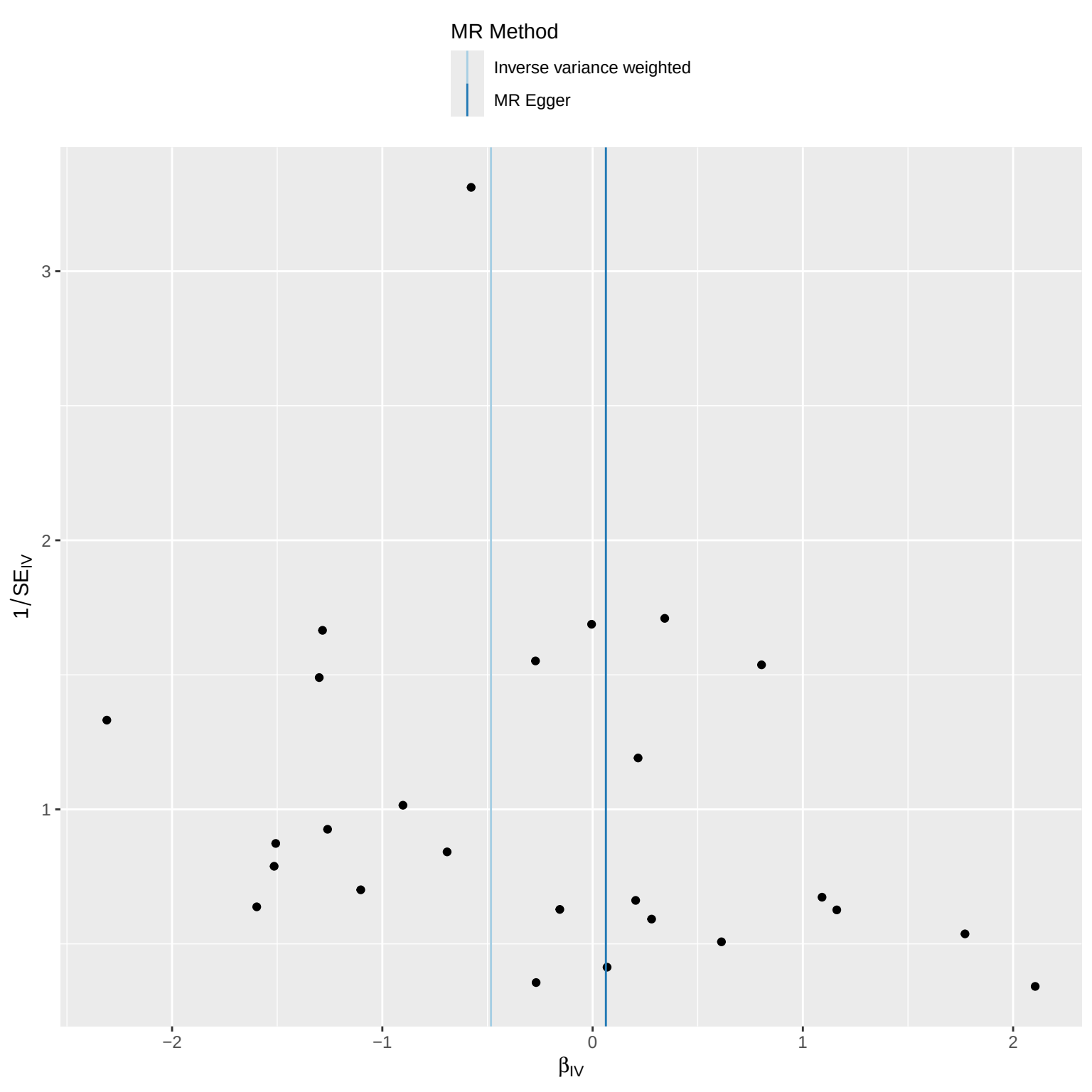

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−3
−2
−1
0
β_IV

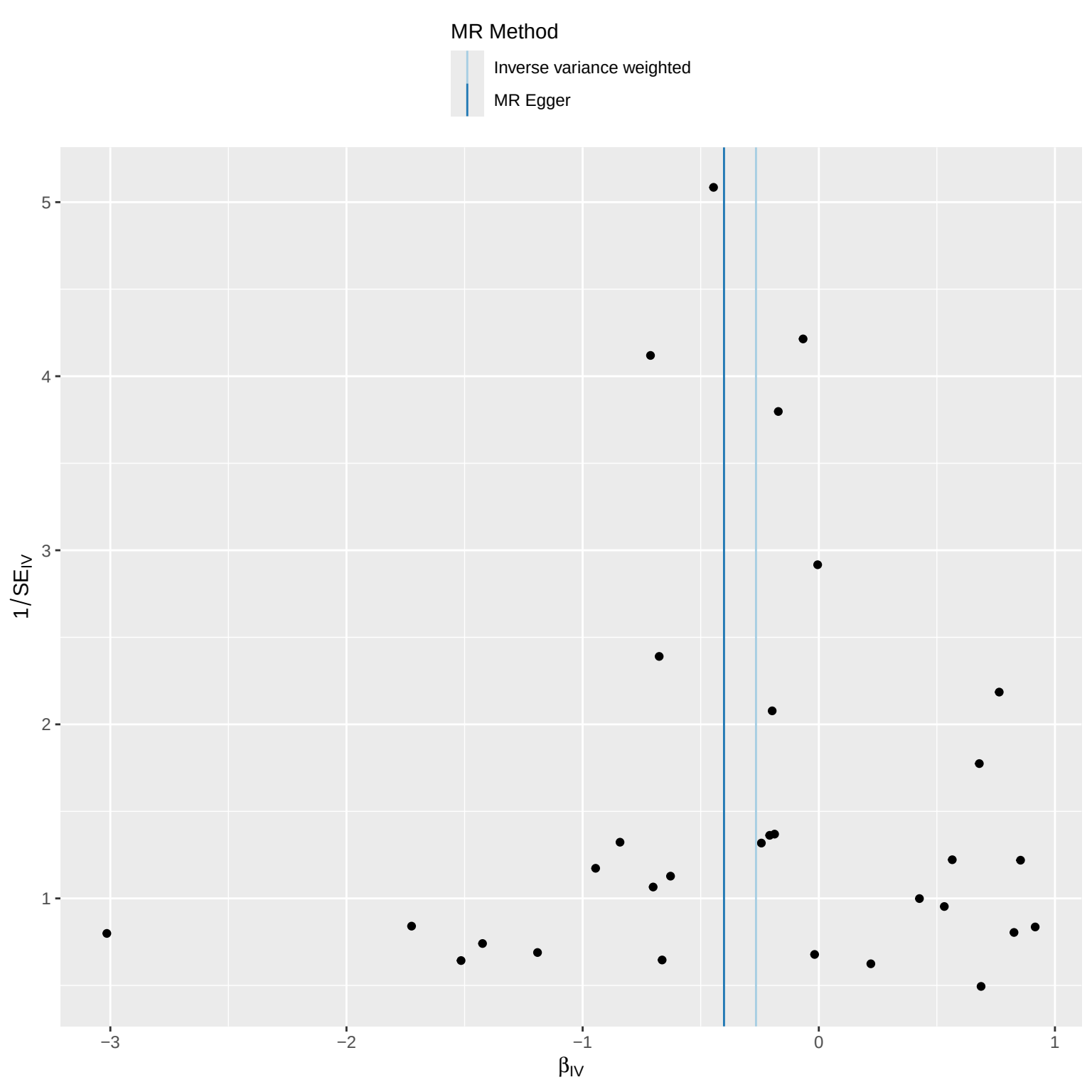

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0
1
β_IV

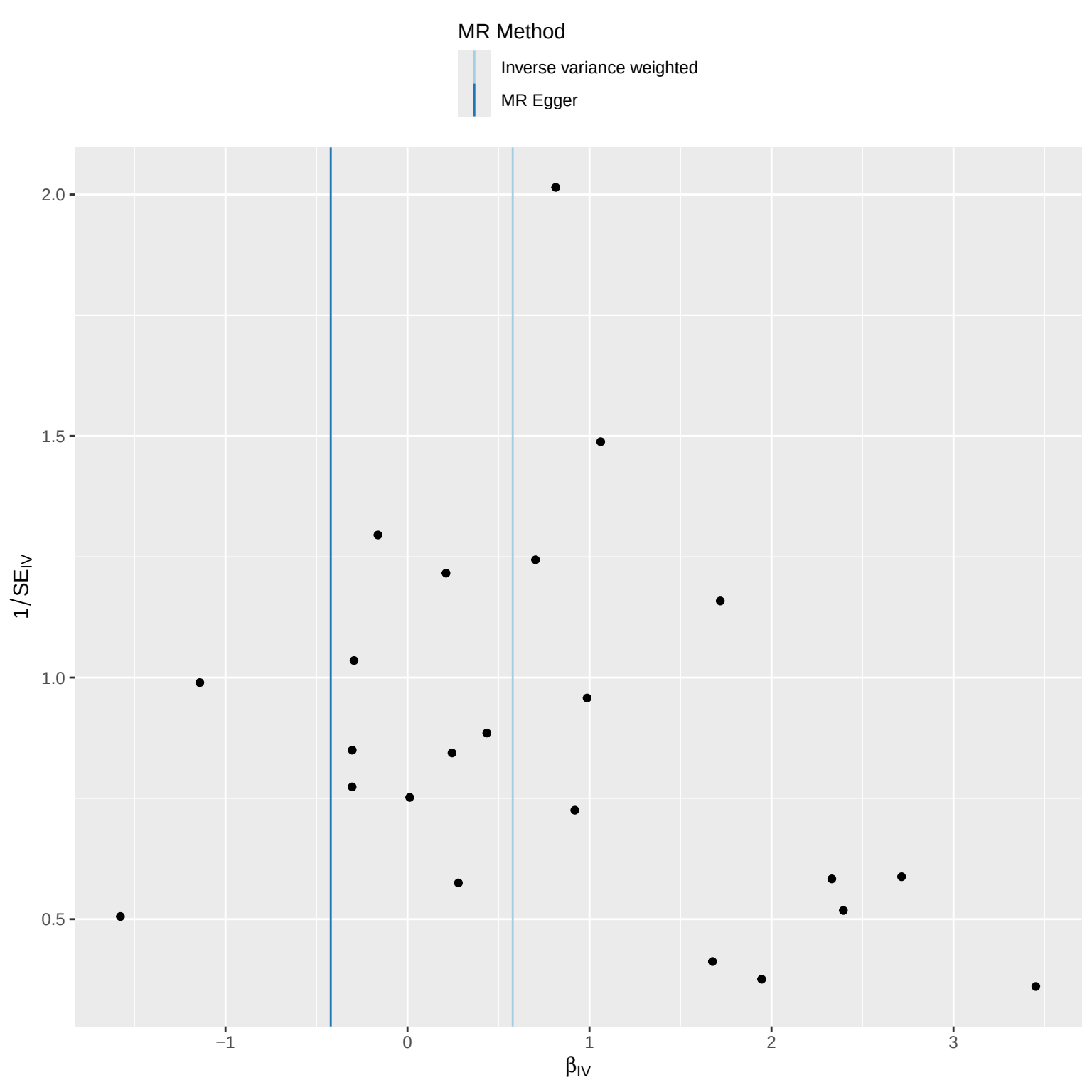

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0.9
1.2
1.5
1.8
β_IV

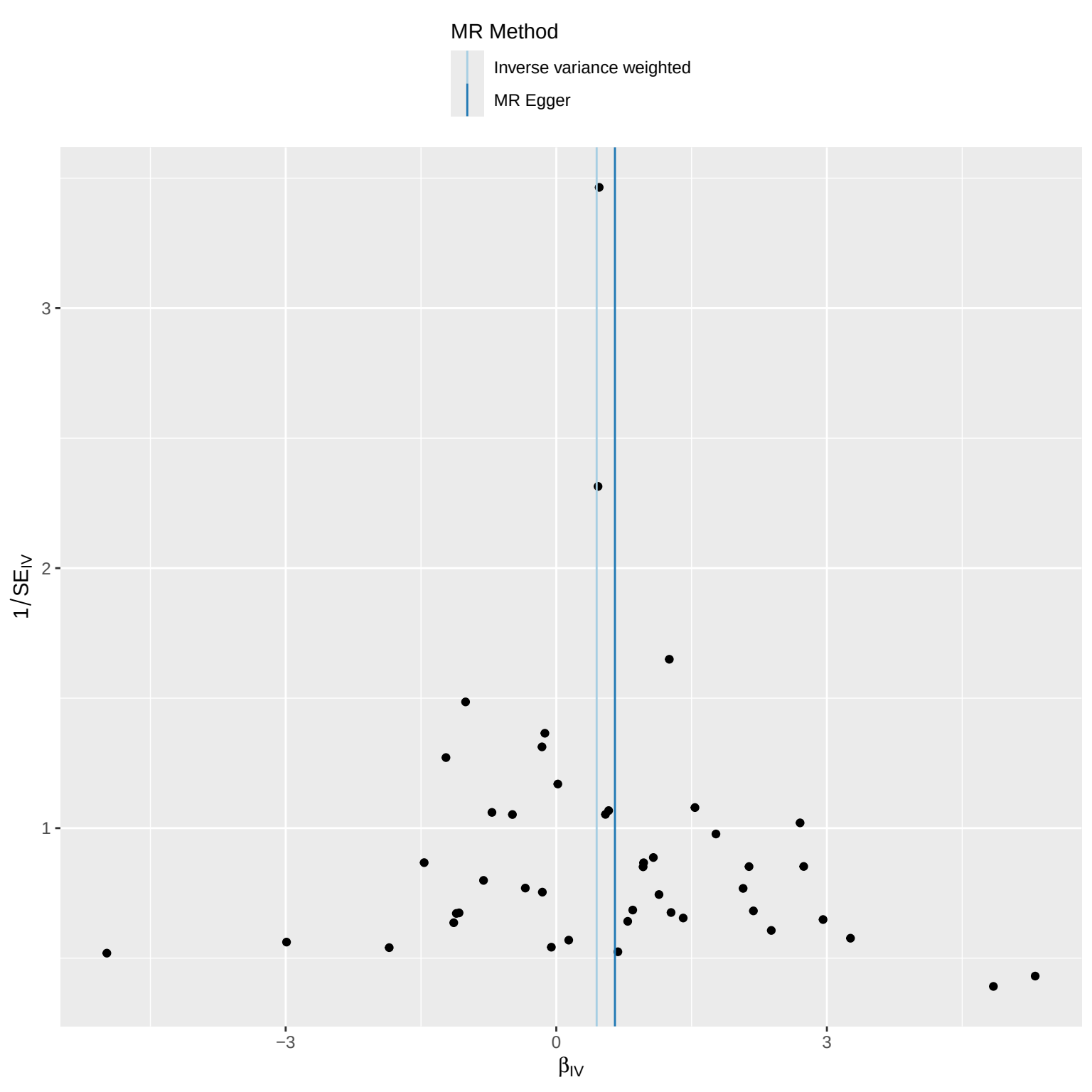

MR Method
Inverse variance weighted
MR Egger
3
2
1/SE_IV
−0.5
0.0
0.5
β_IV

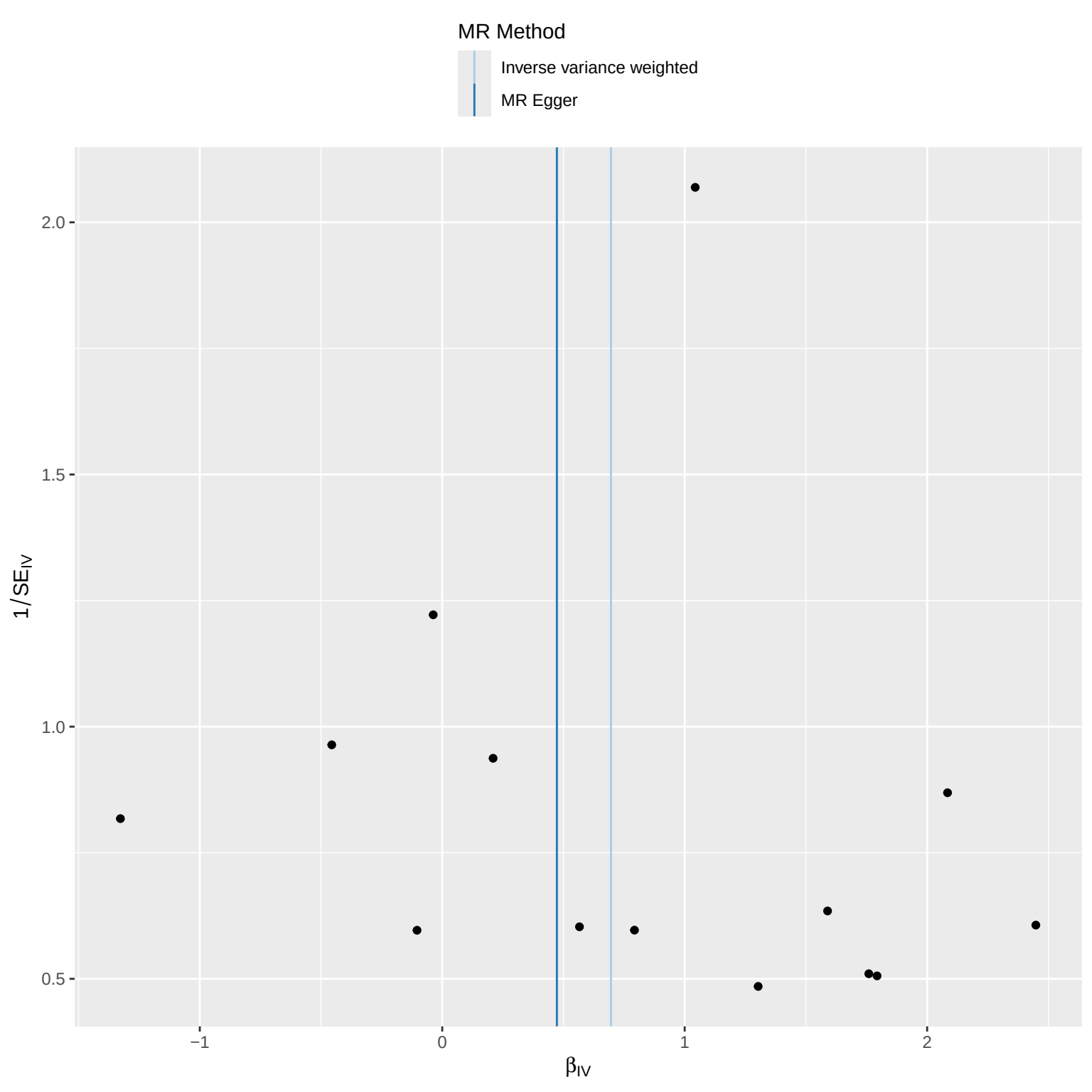

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−3
−2
−1
β_IV

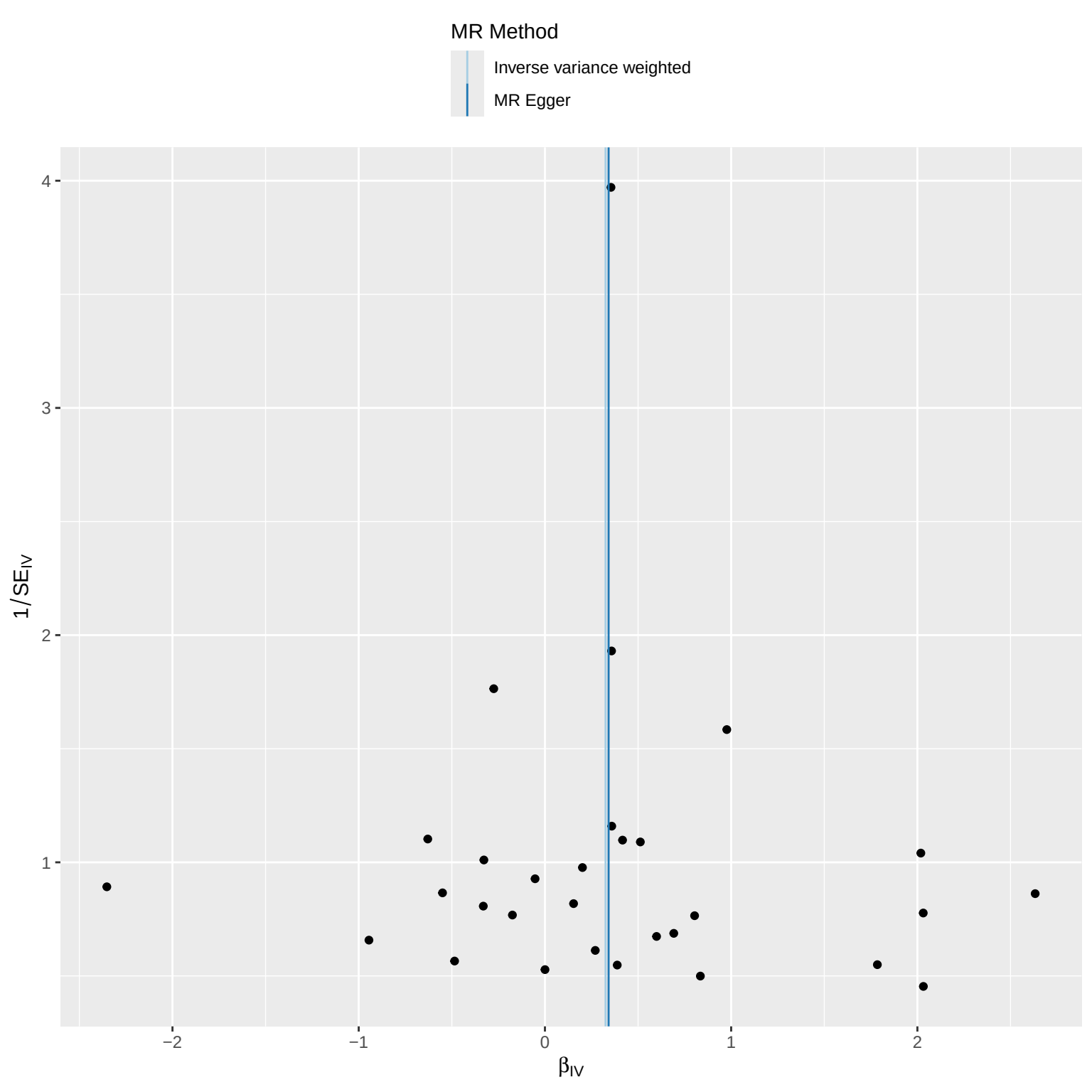

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

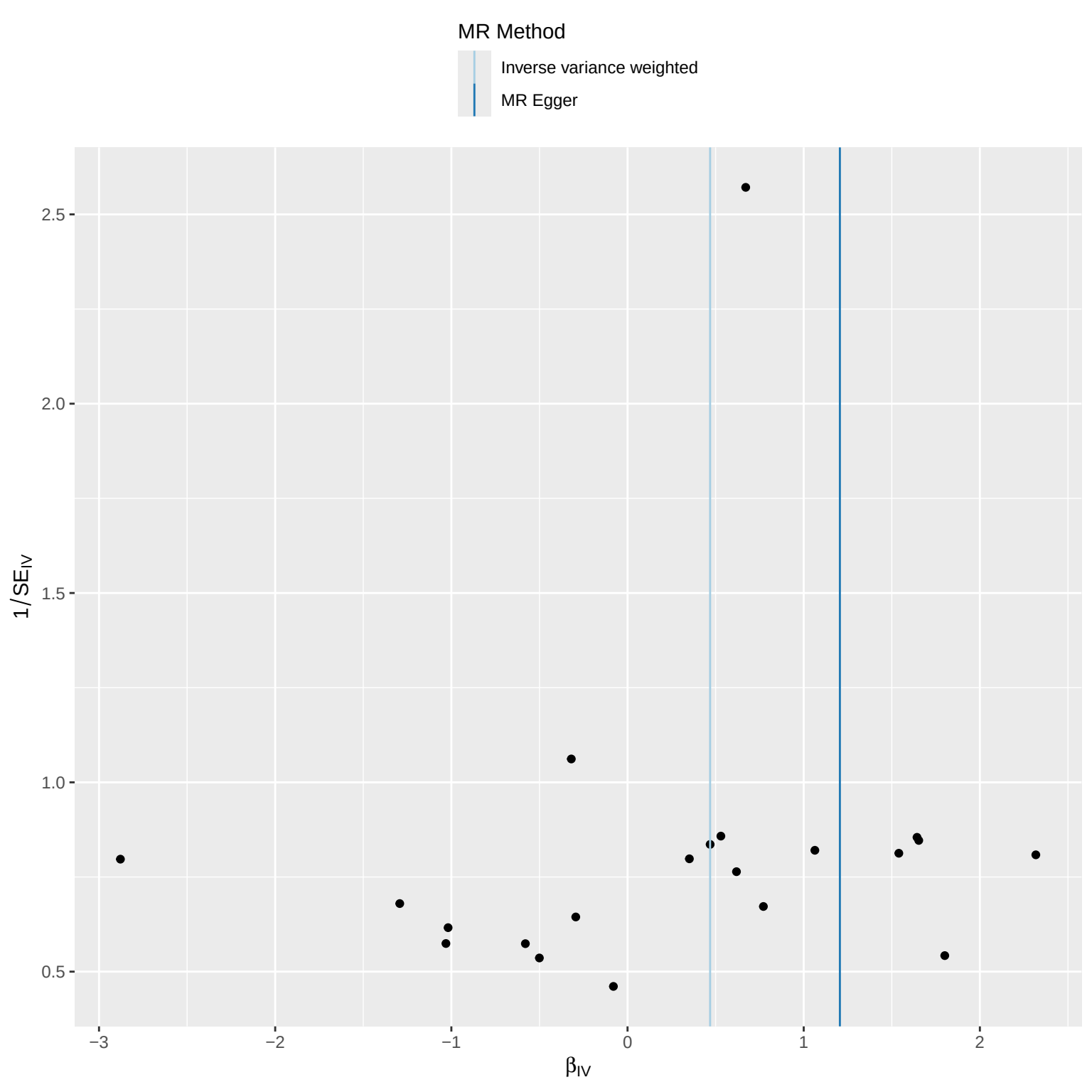

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

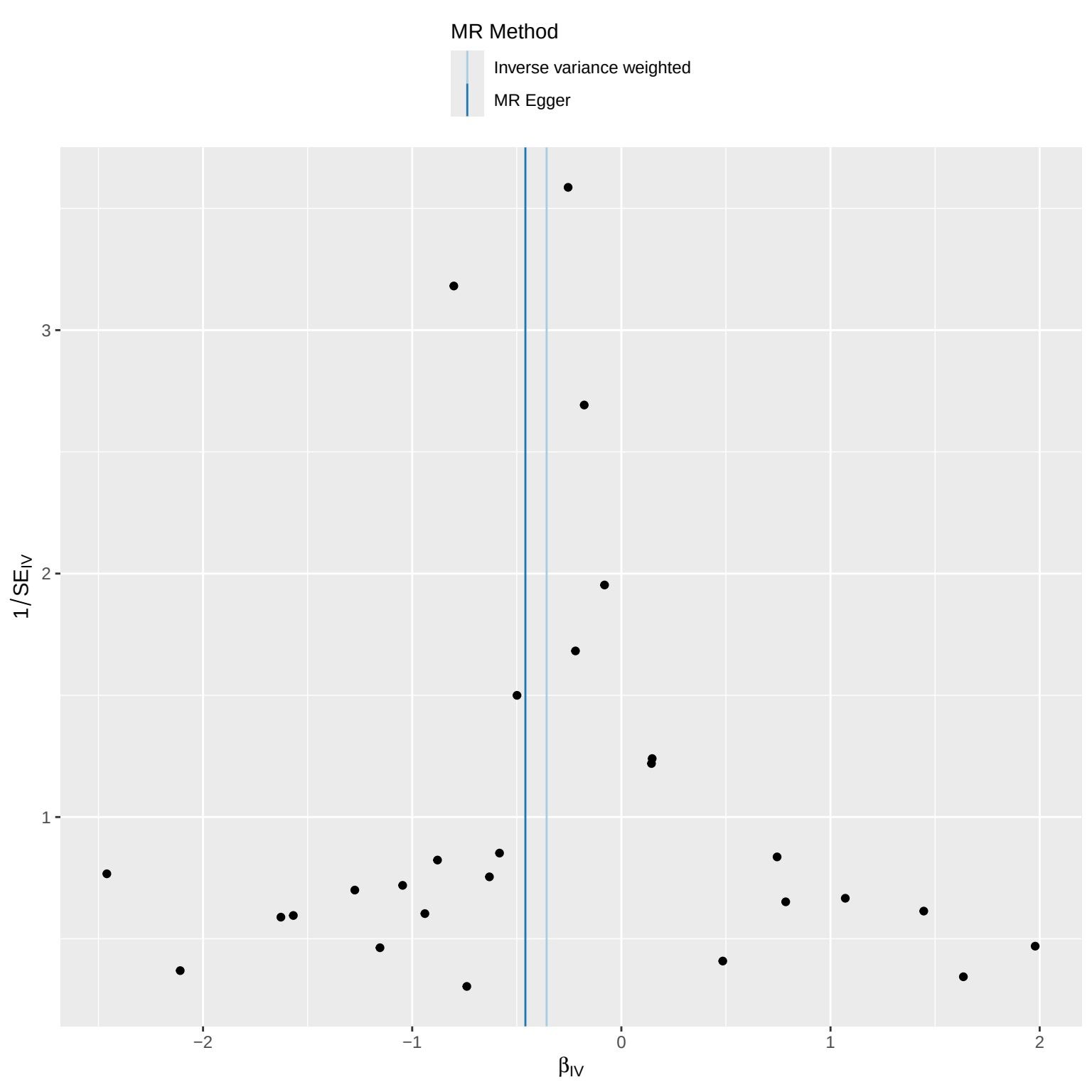

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

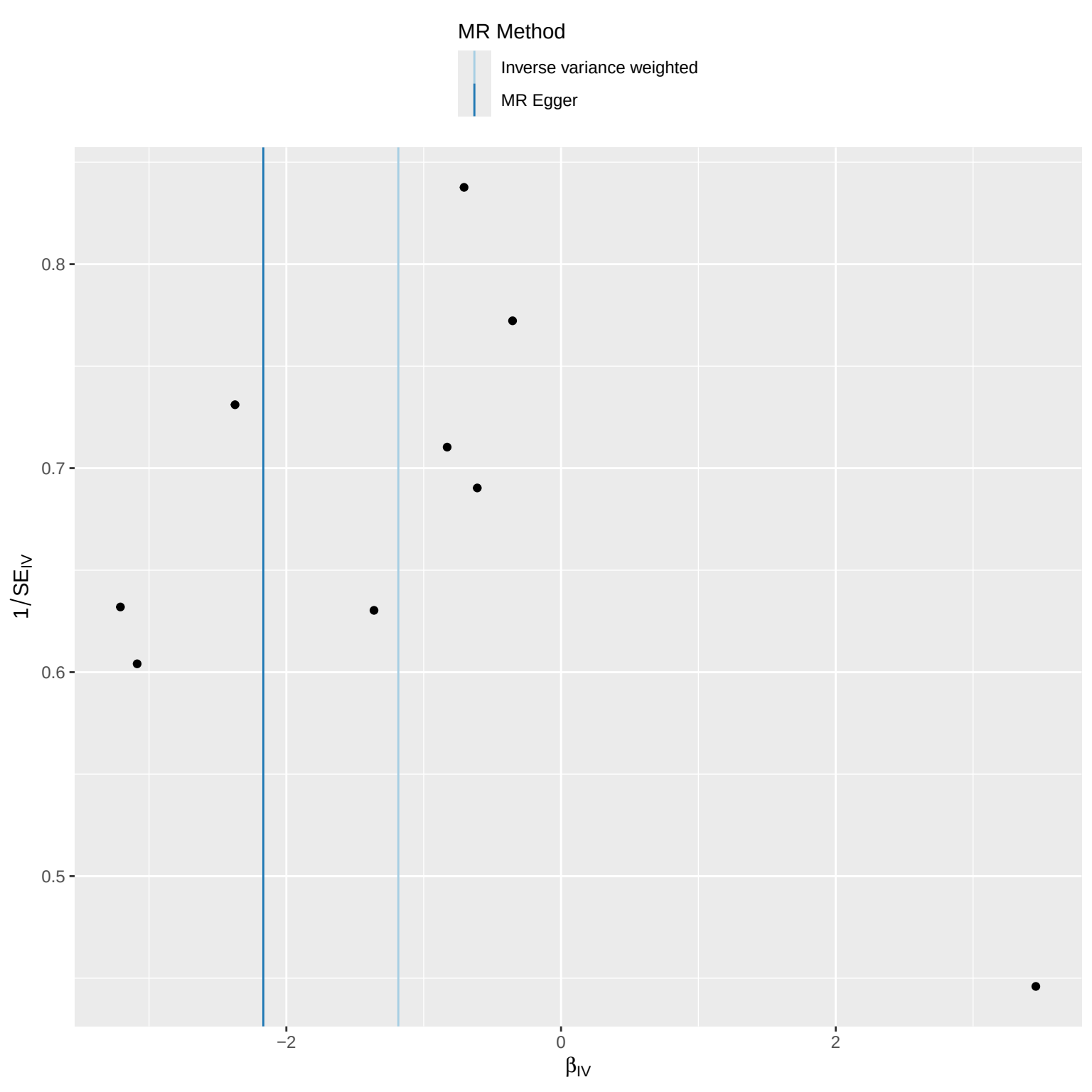

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
0
3
β_IV

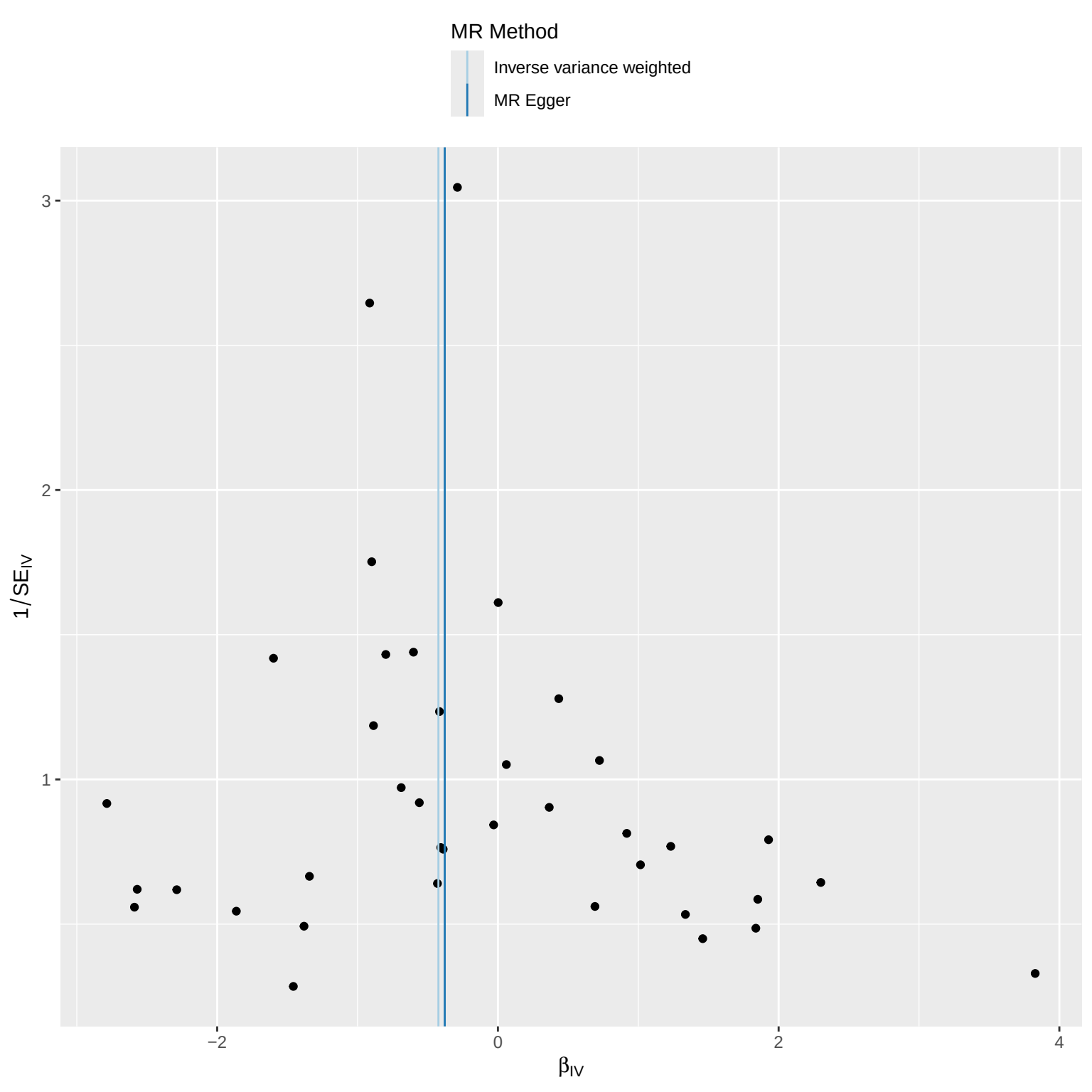

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

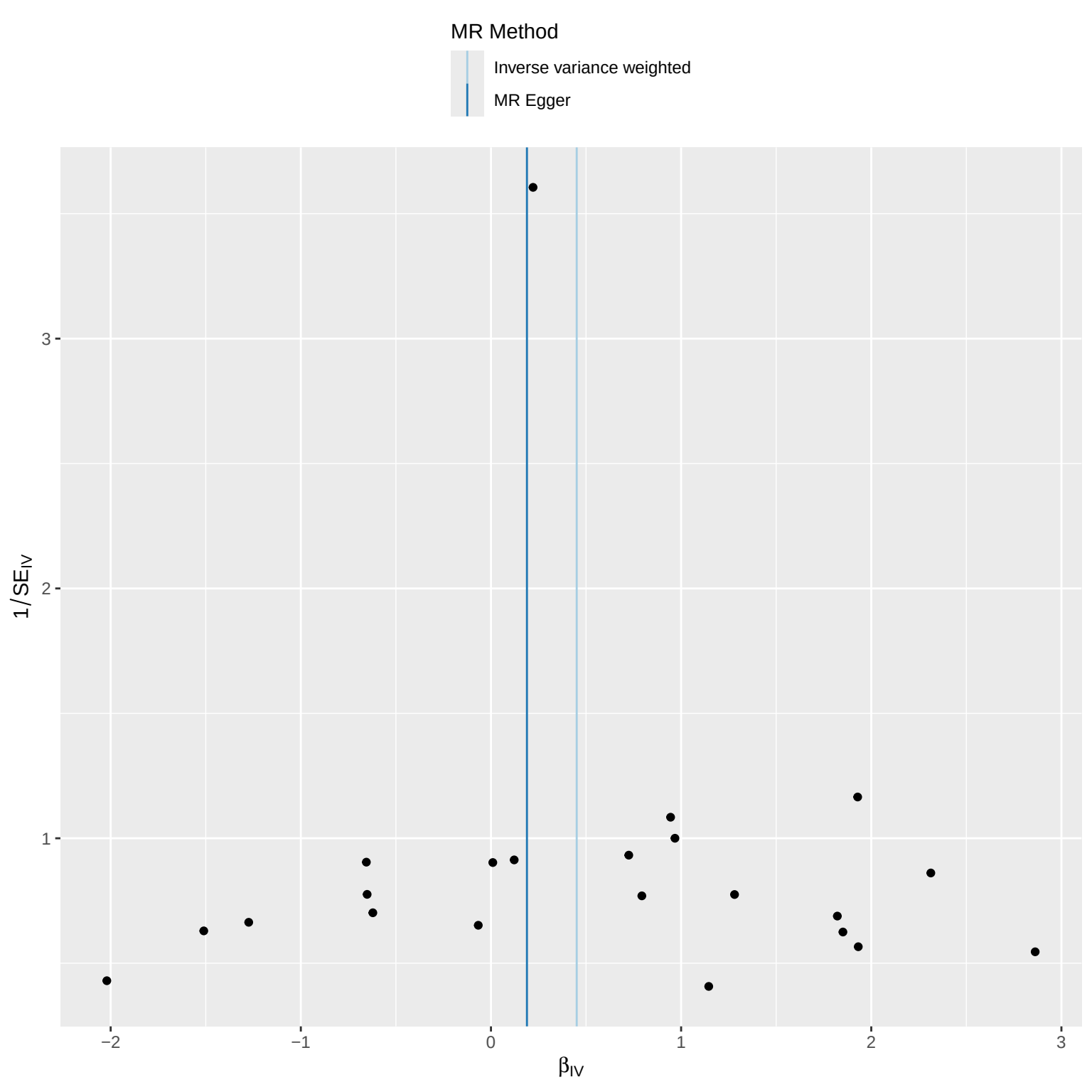

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

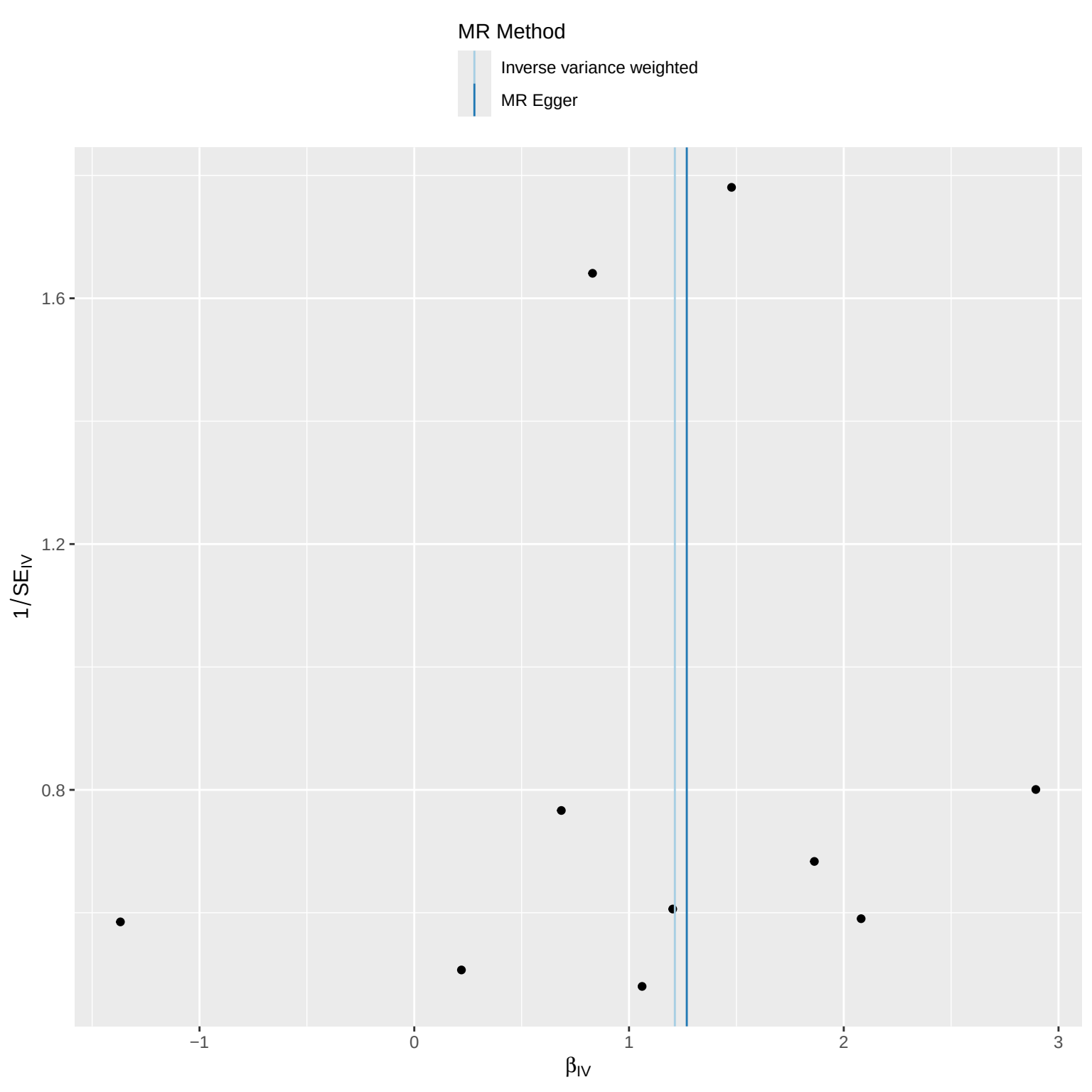

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

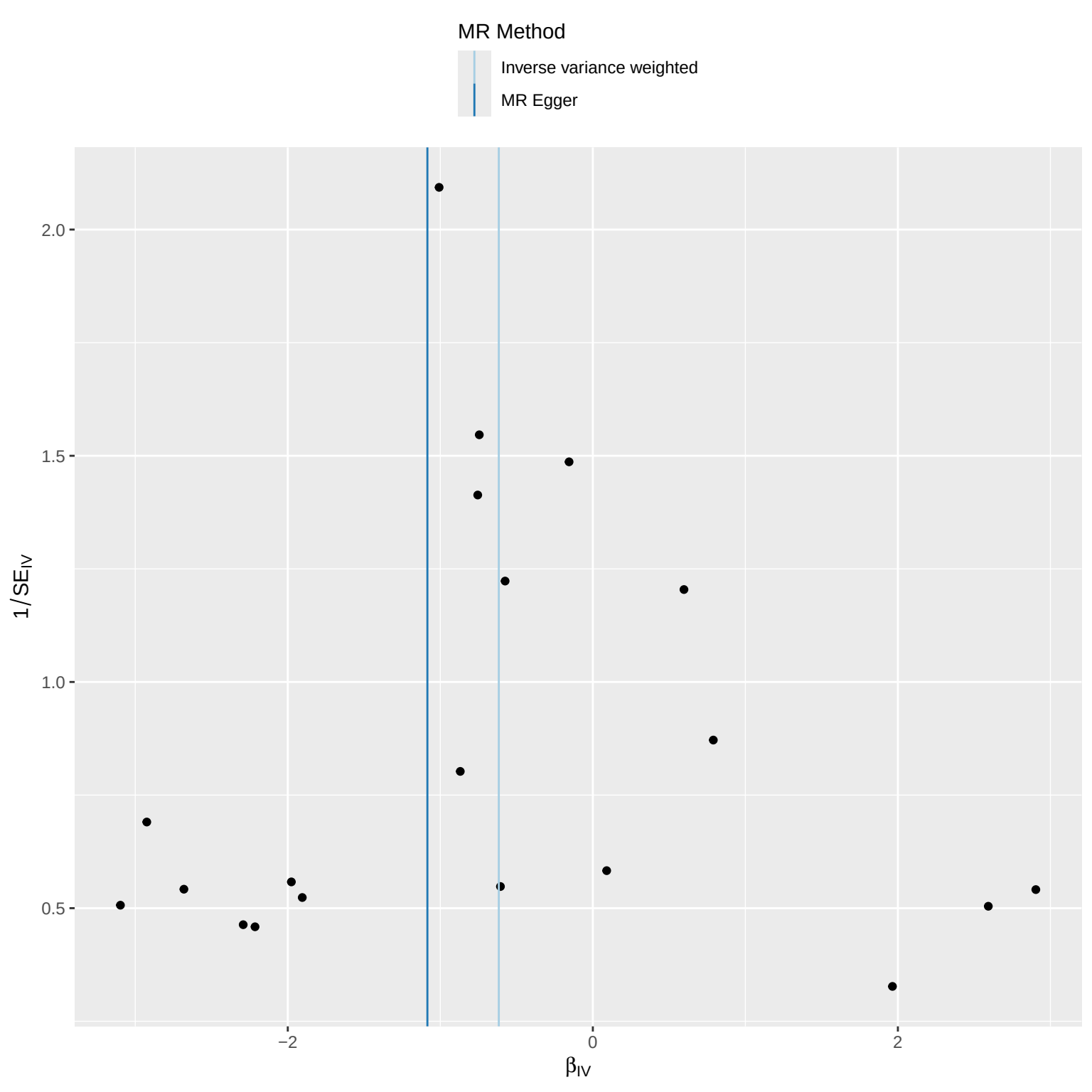

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

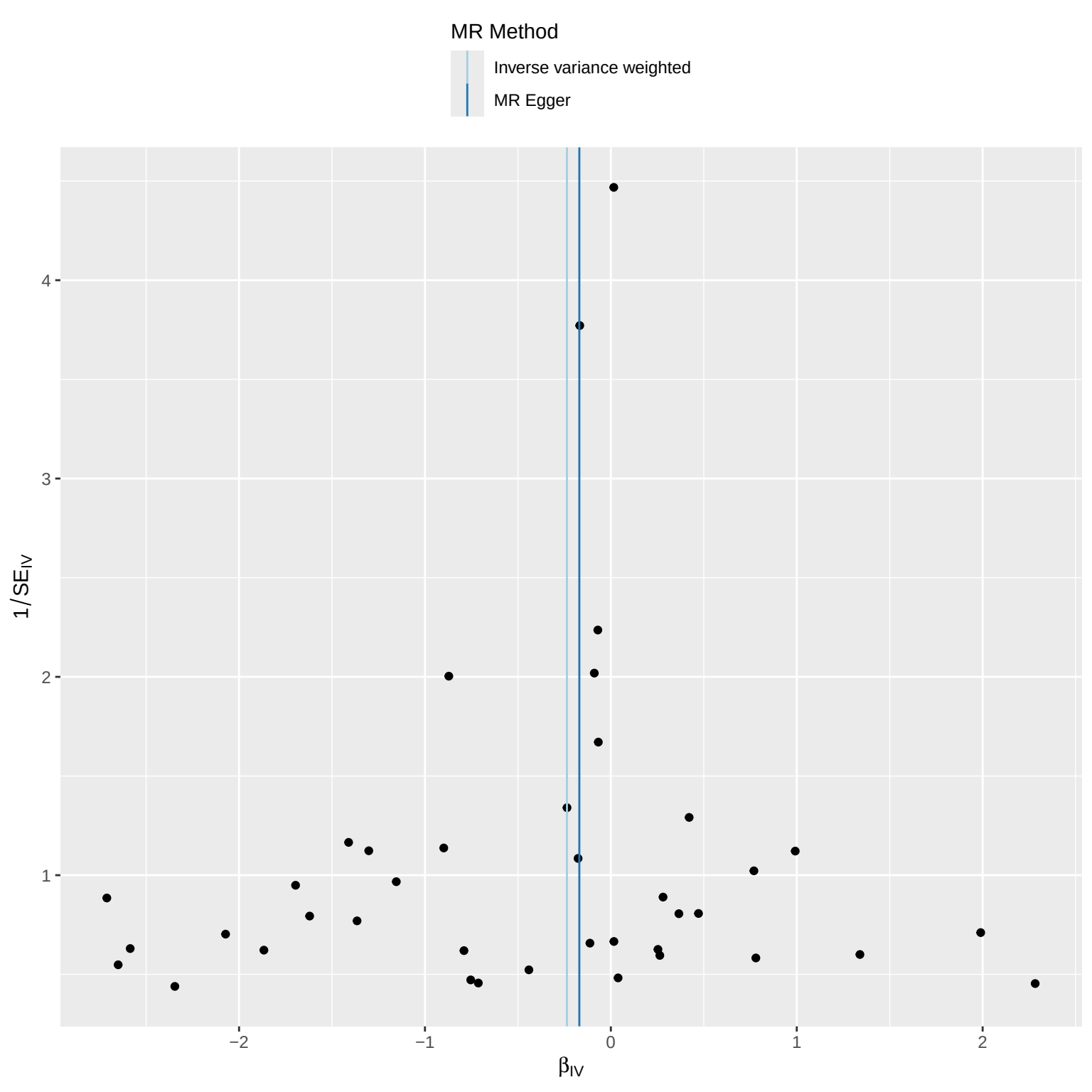

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
−2
0
2
β_IV

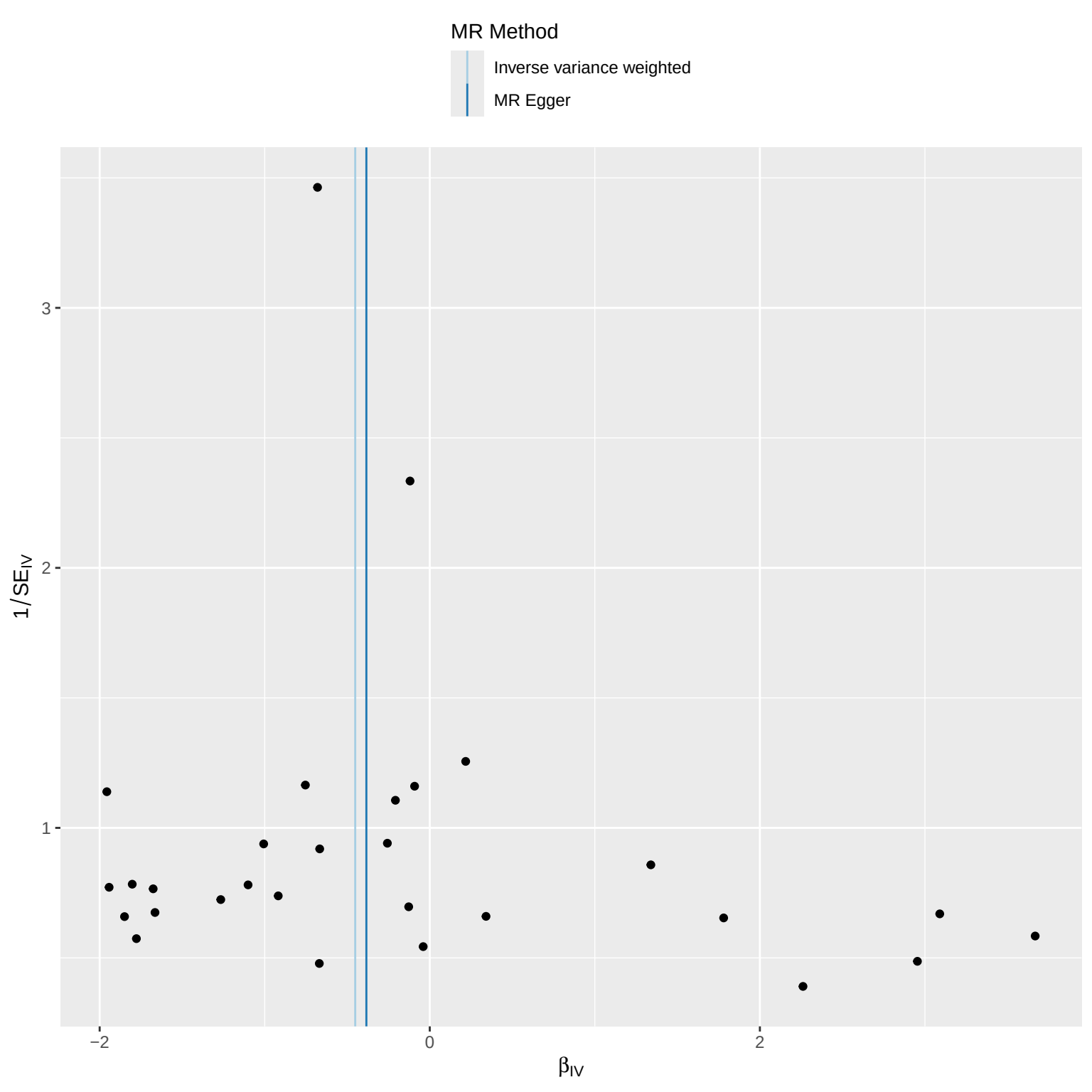

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

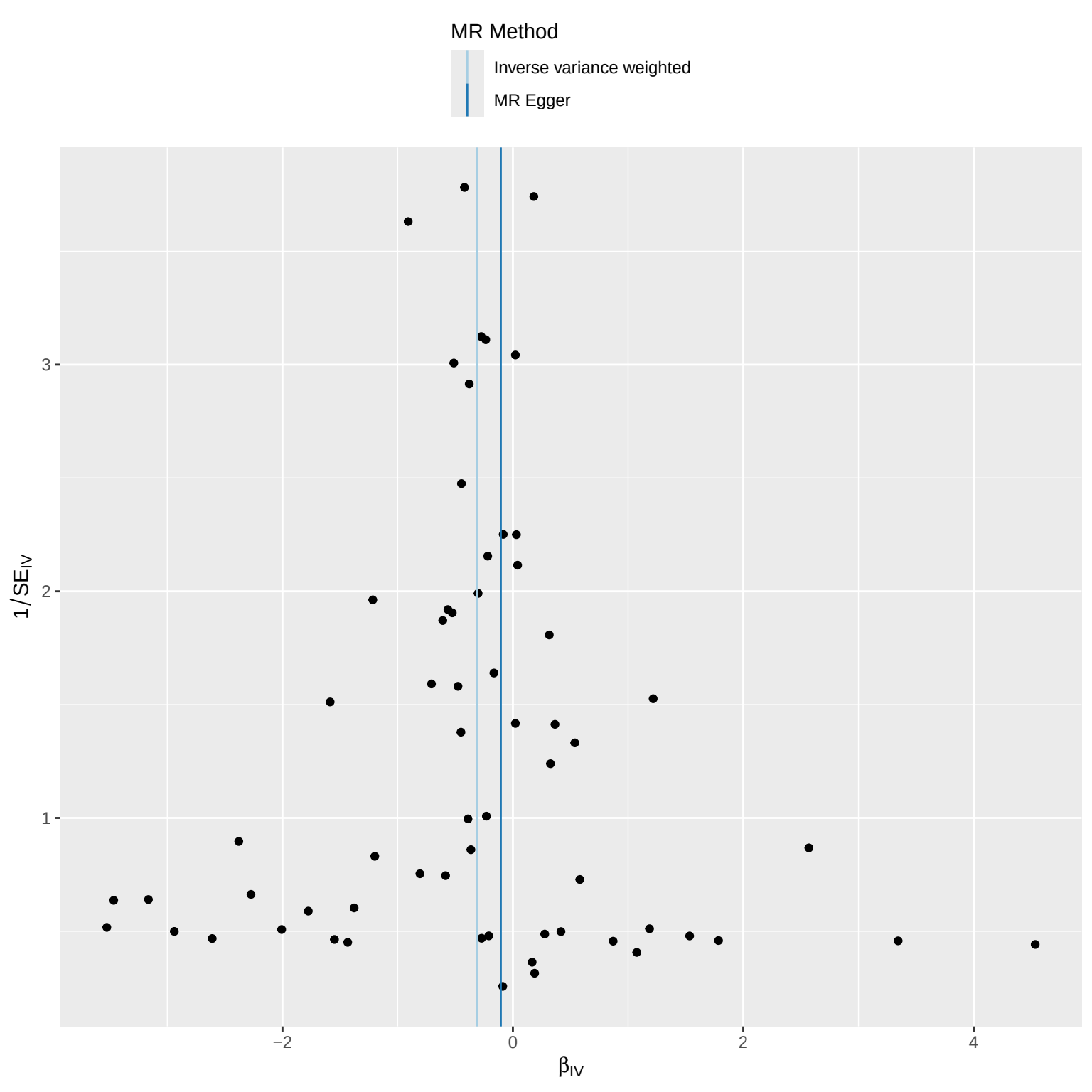

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

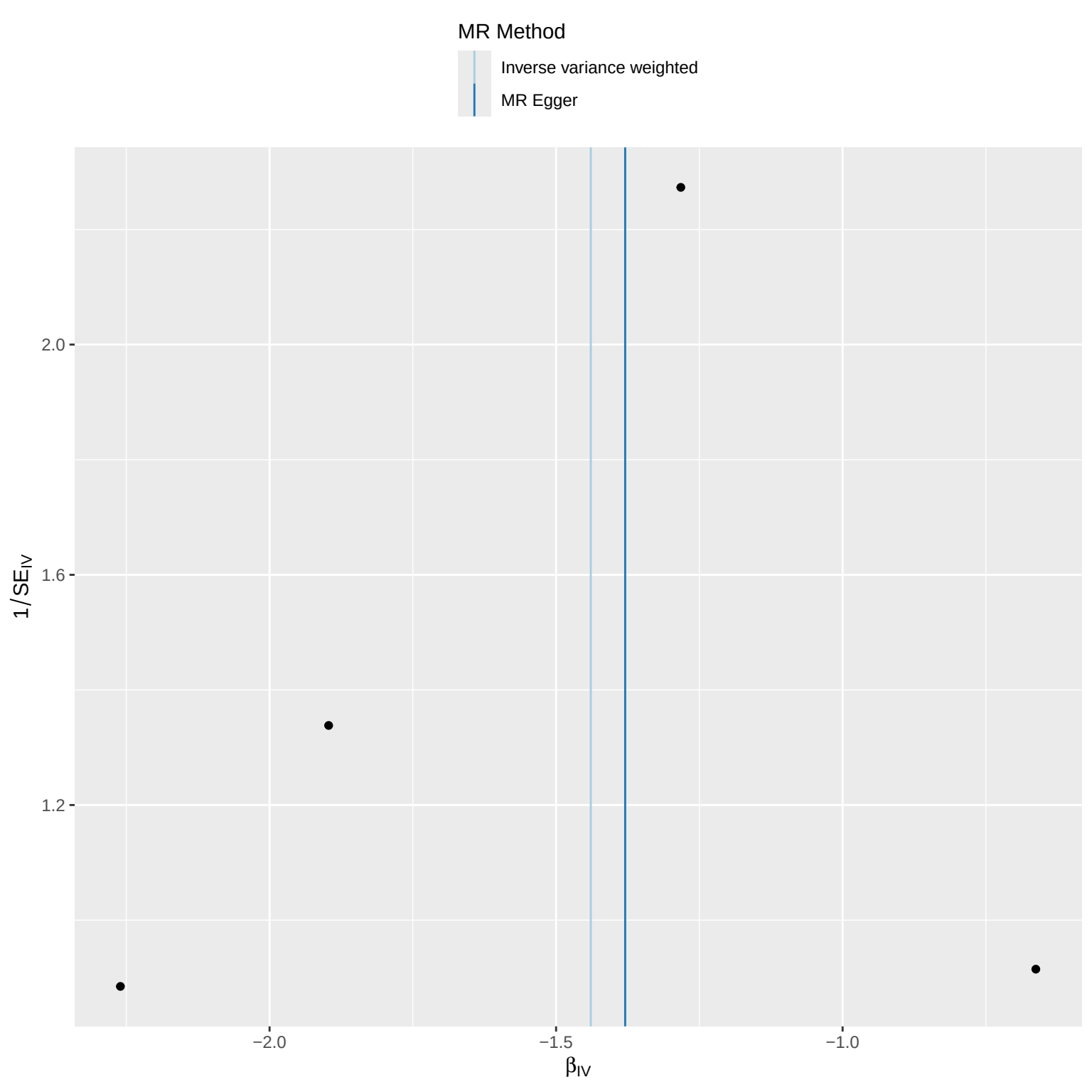

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−1
0
1
2
3
β_IV

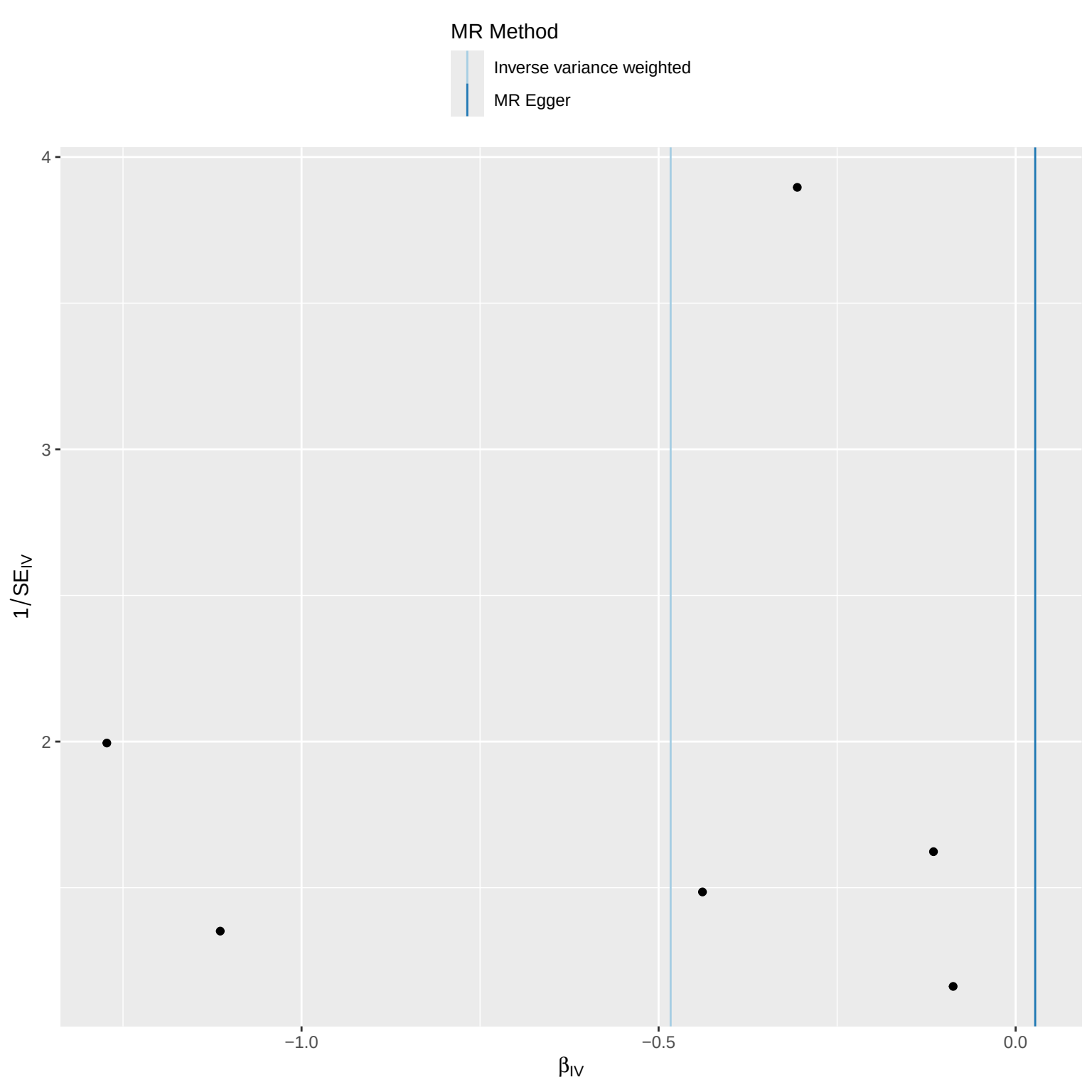

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

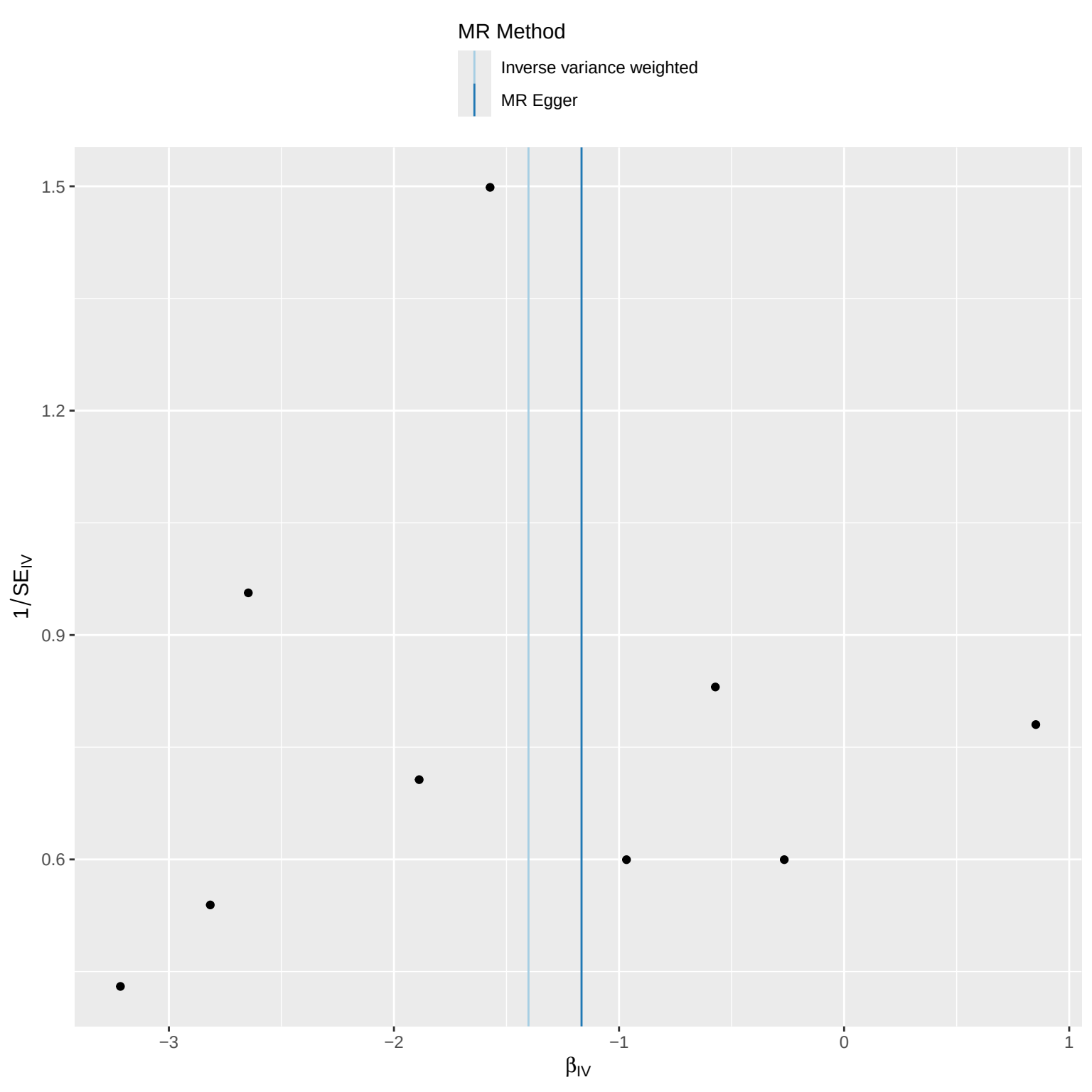

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

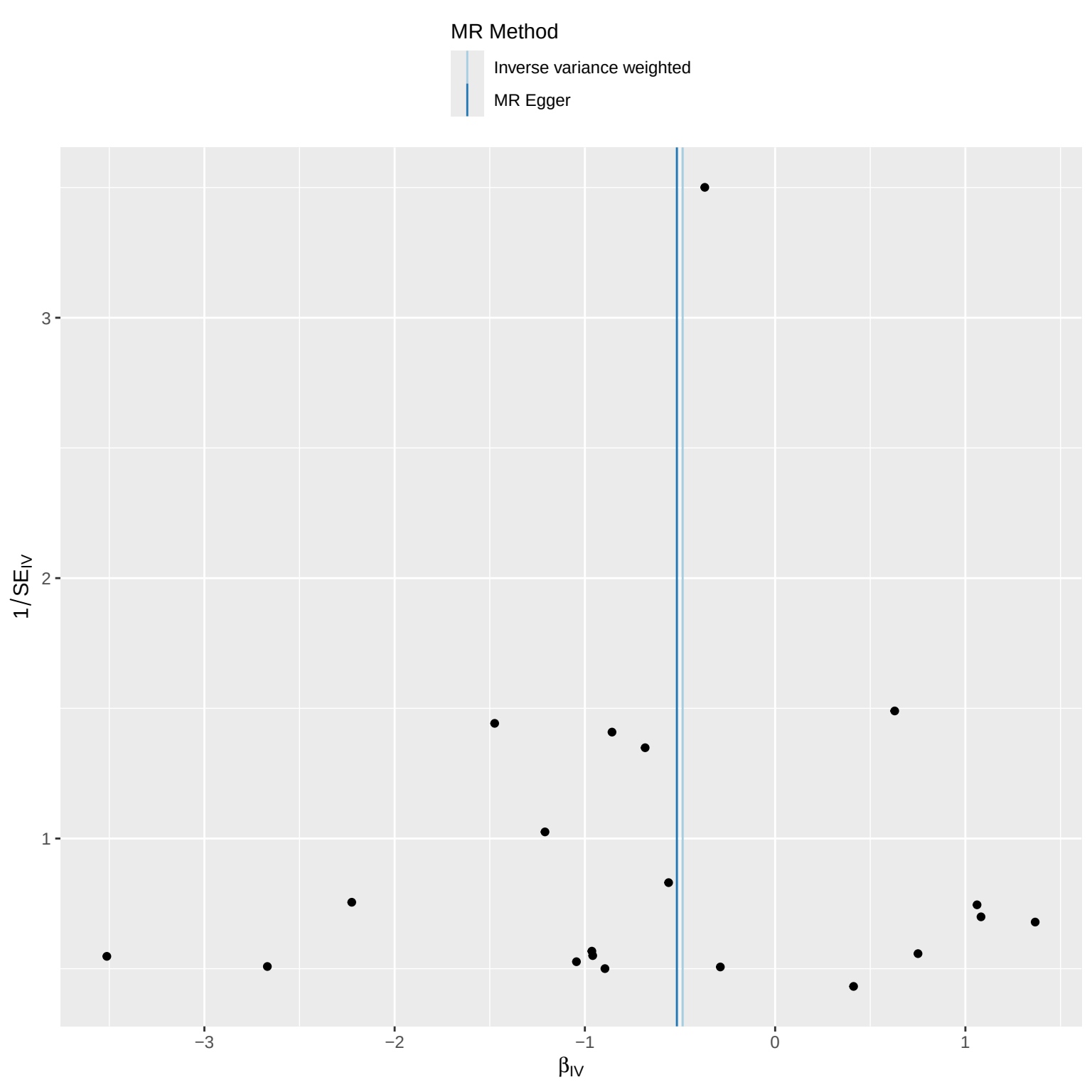

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

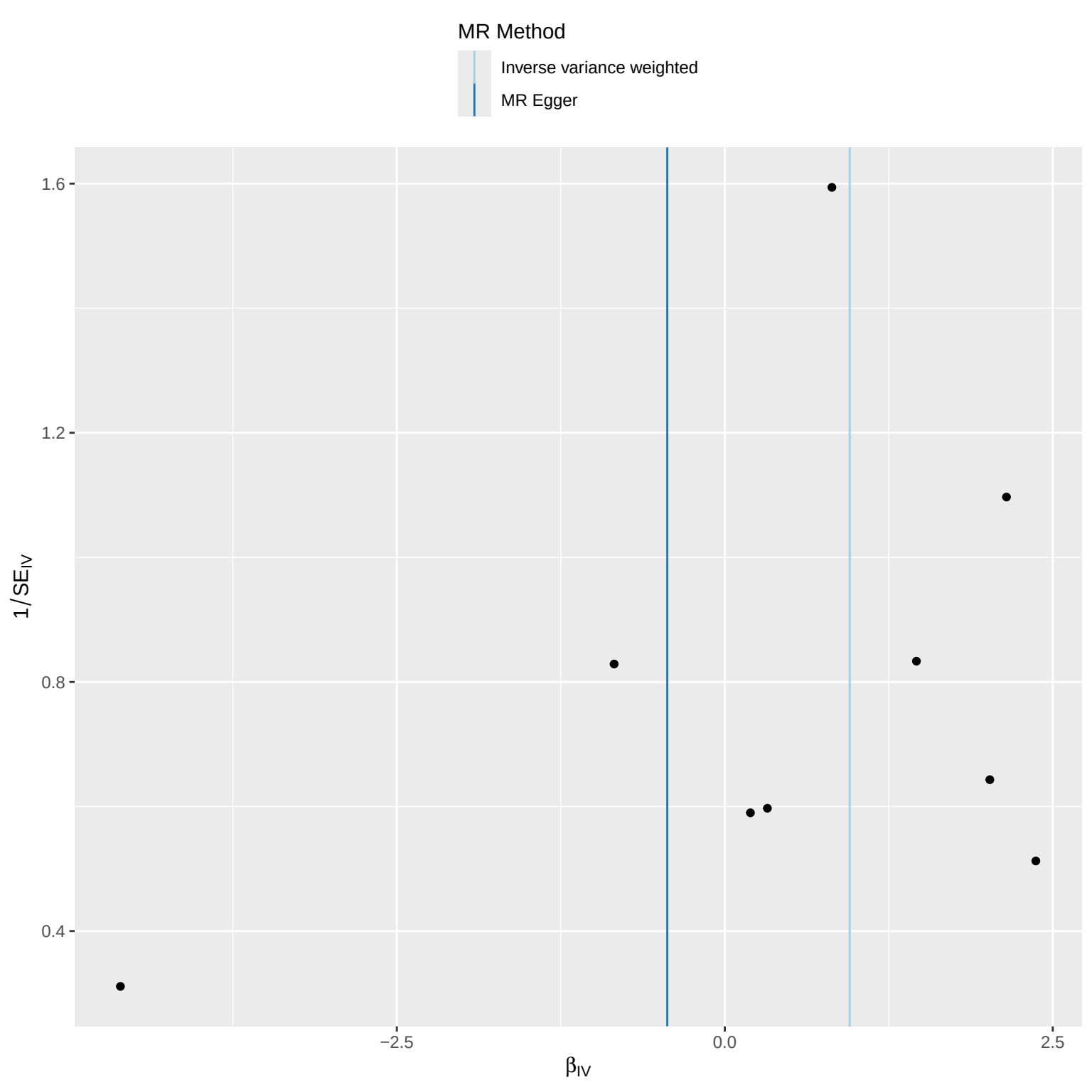

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

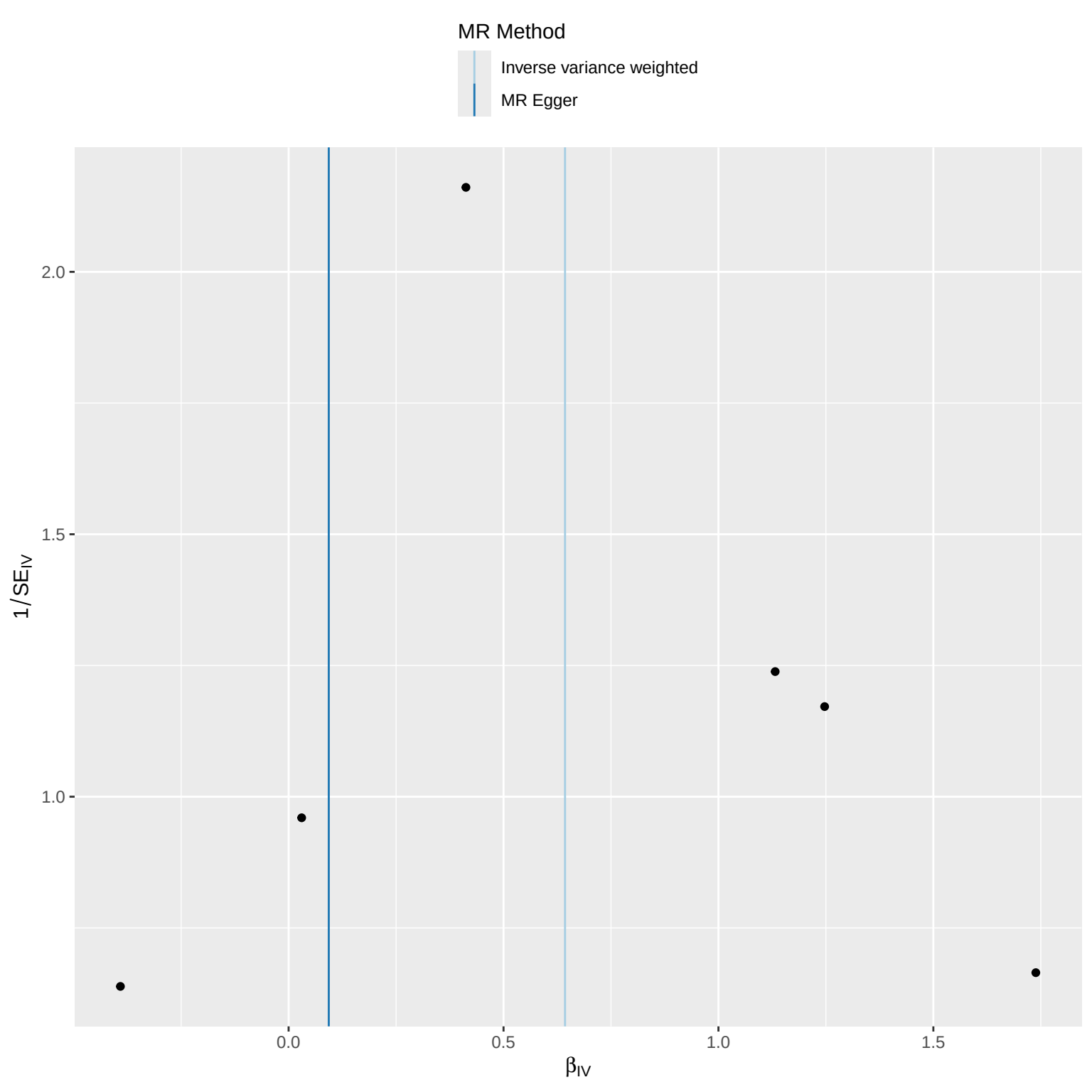

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
−2.0
−1.5
−1.0
β_IV

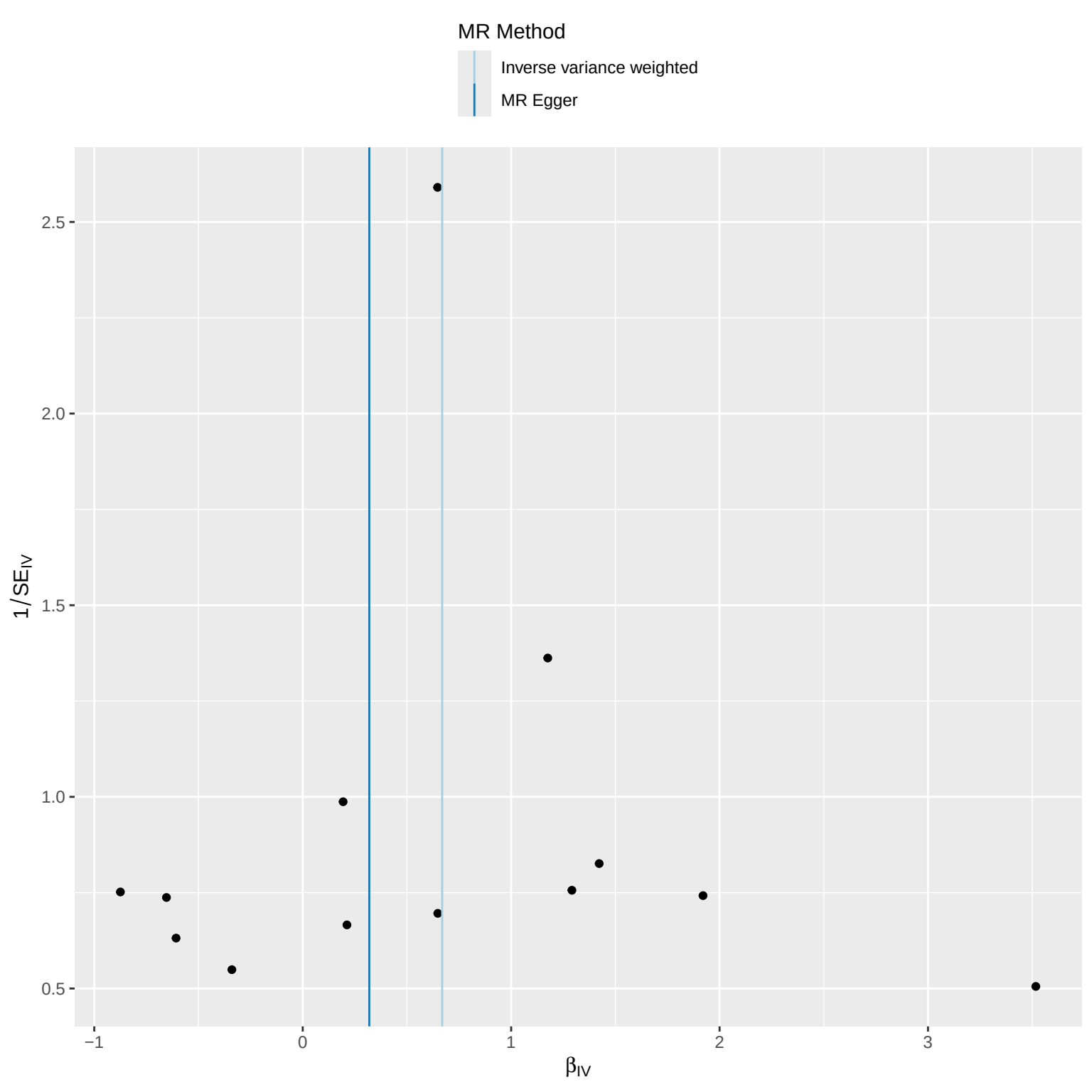

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.0
−0.5
0.0
β_IV

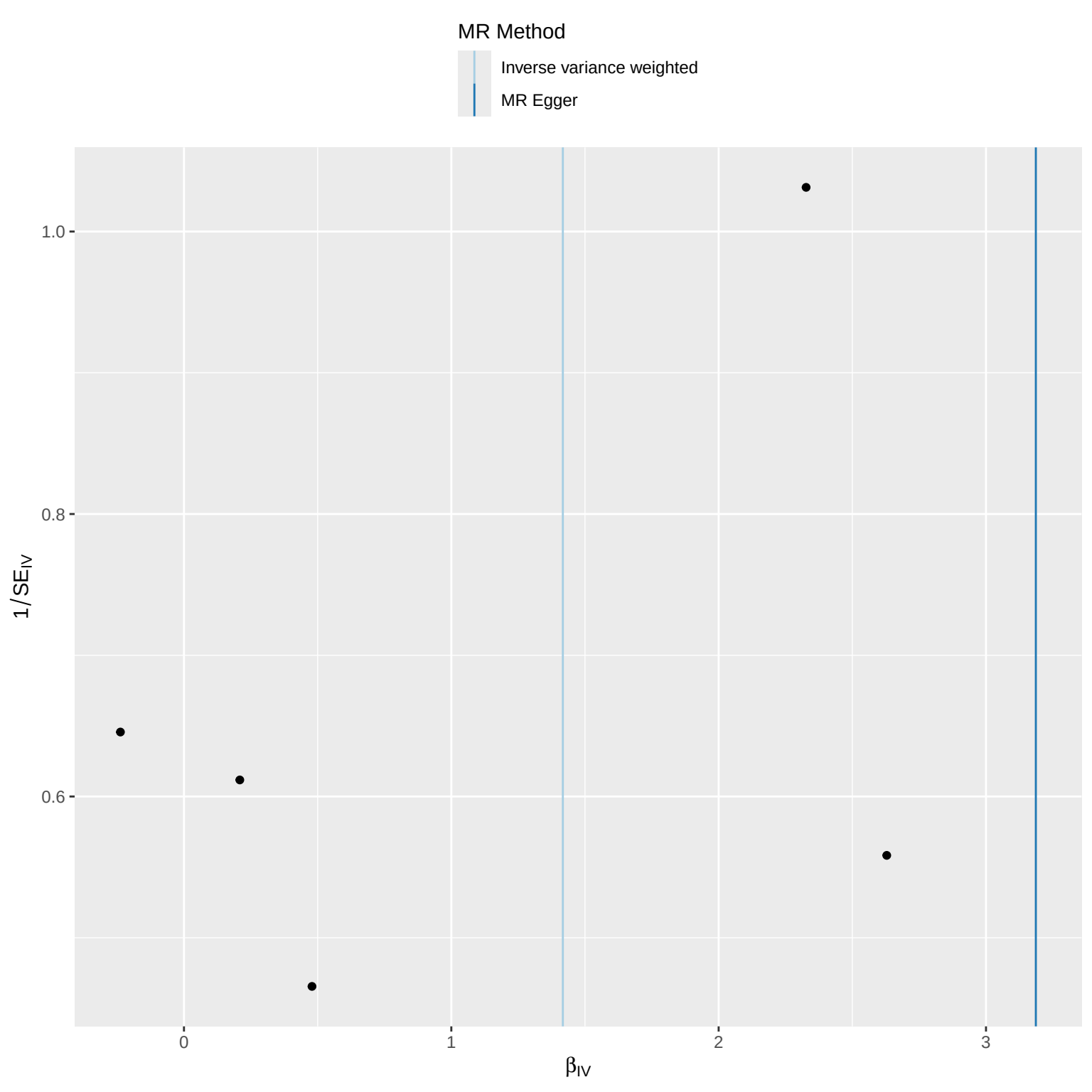

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

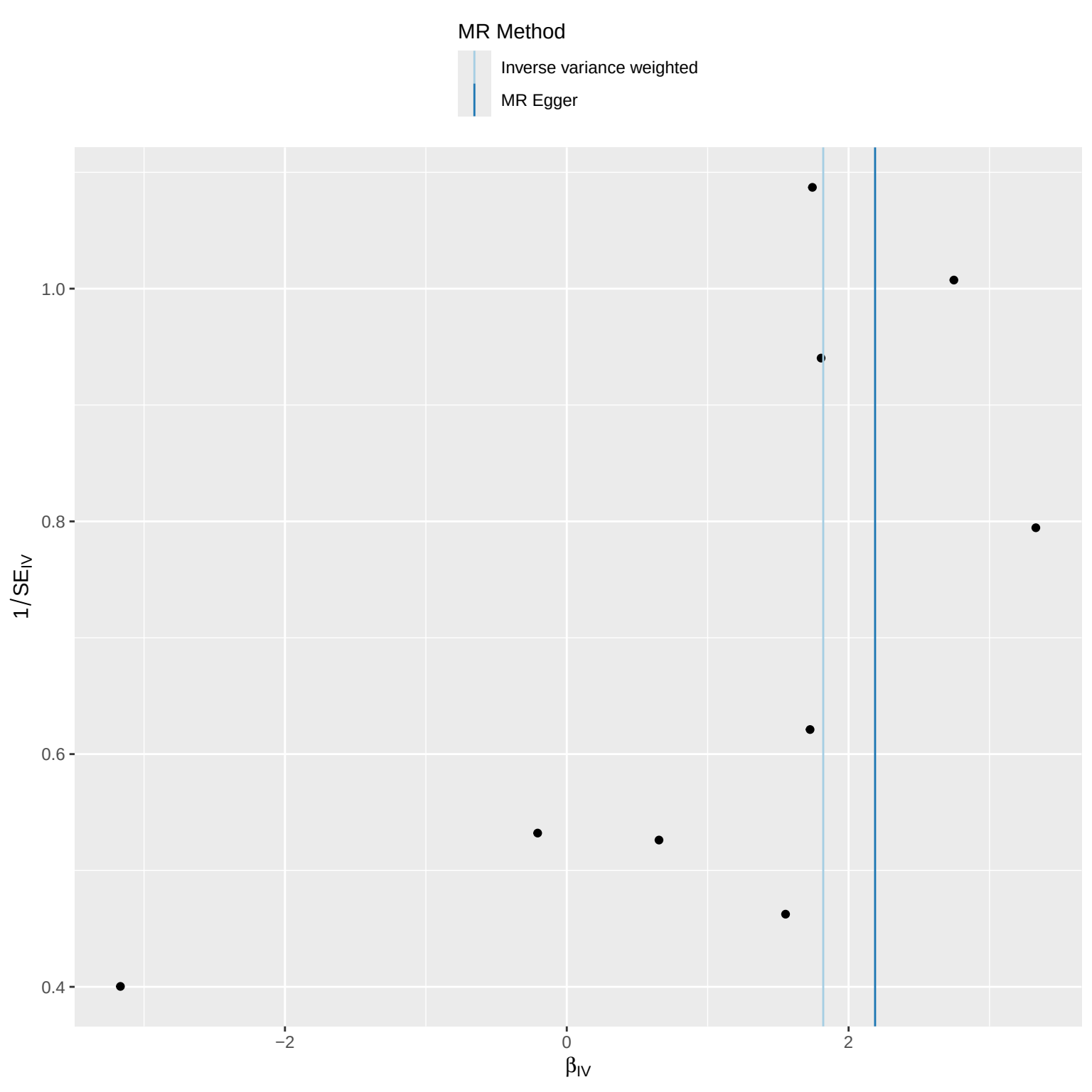

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

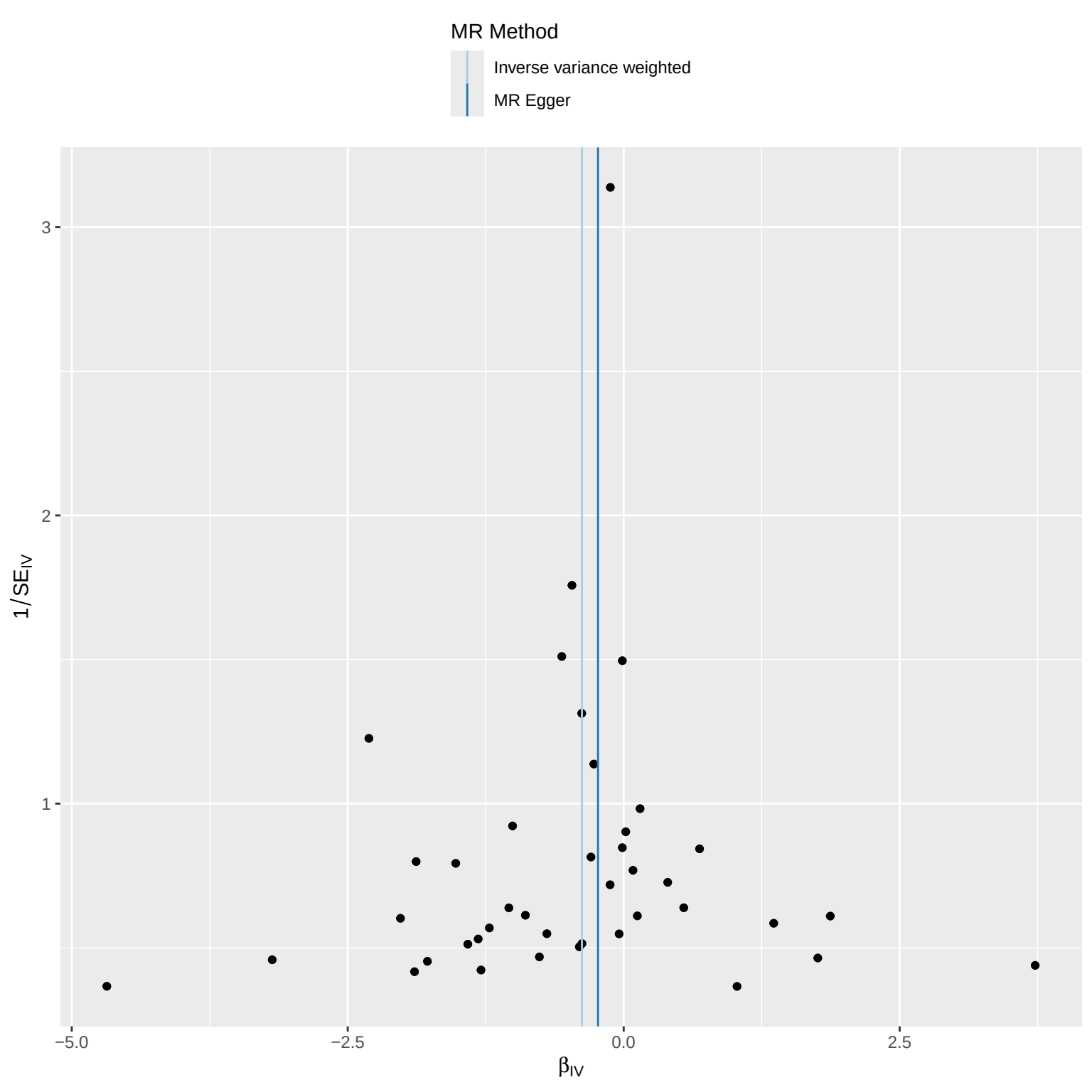

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2.5
0.0
2.5
β_IV

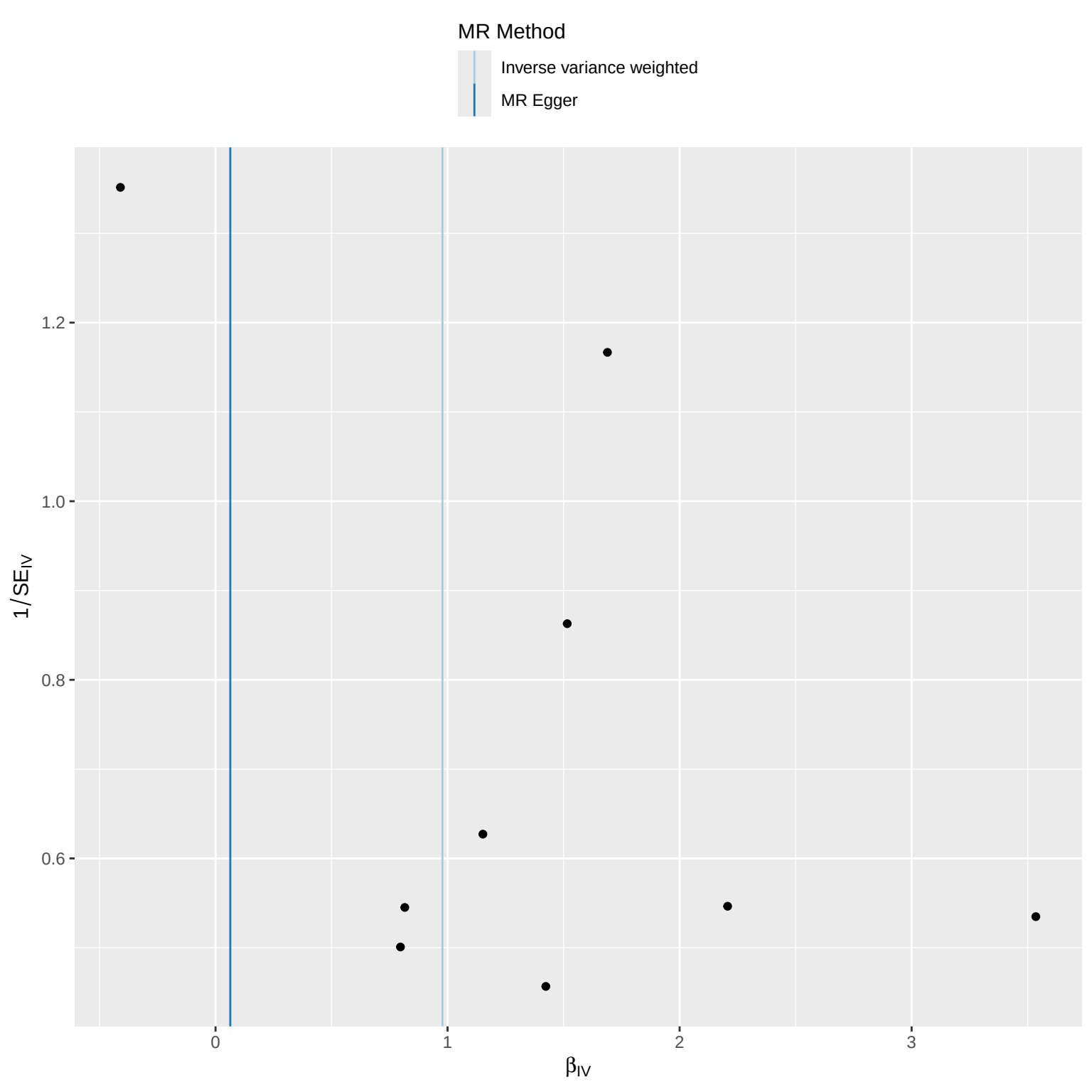

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

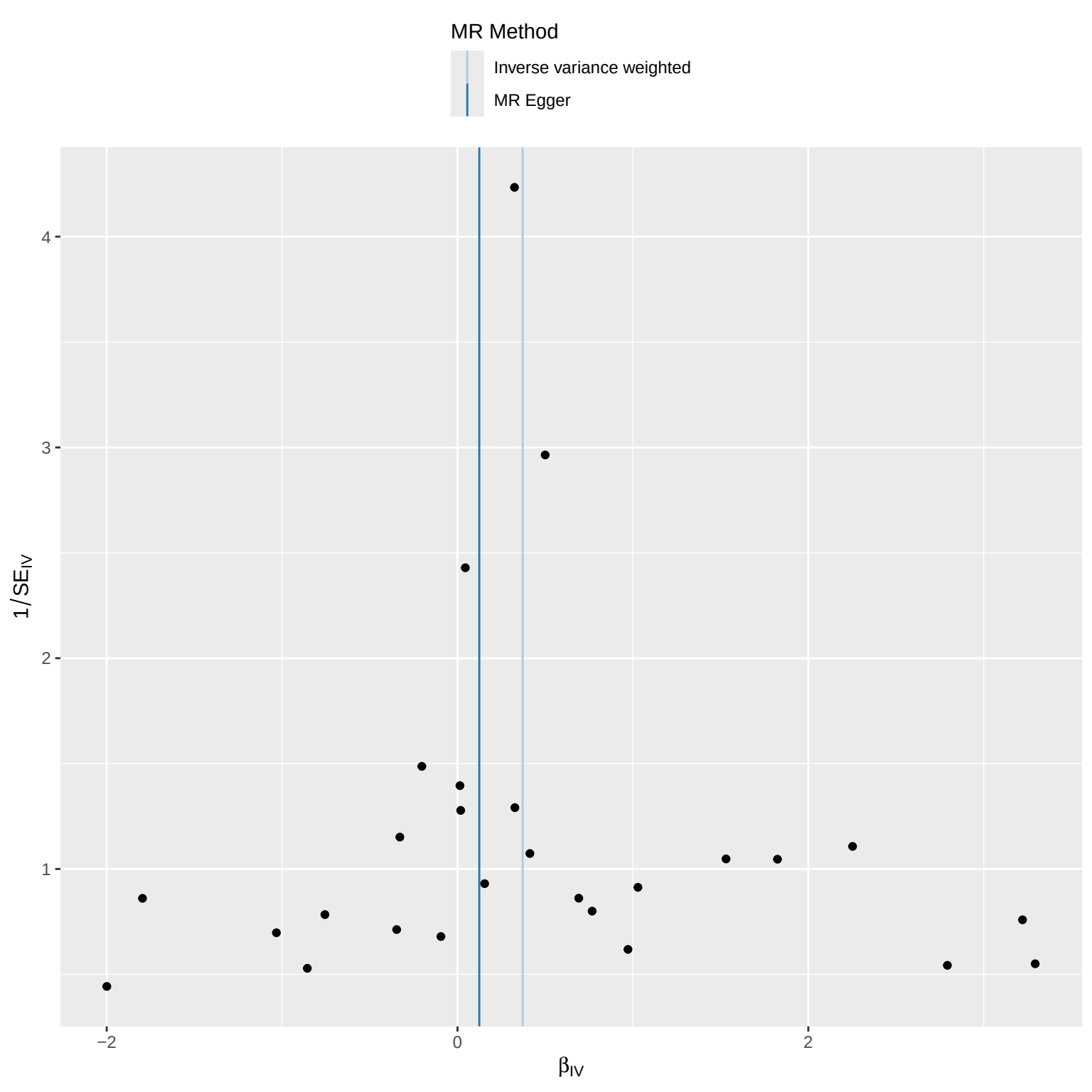

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

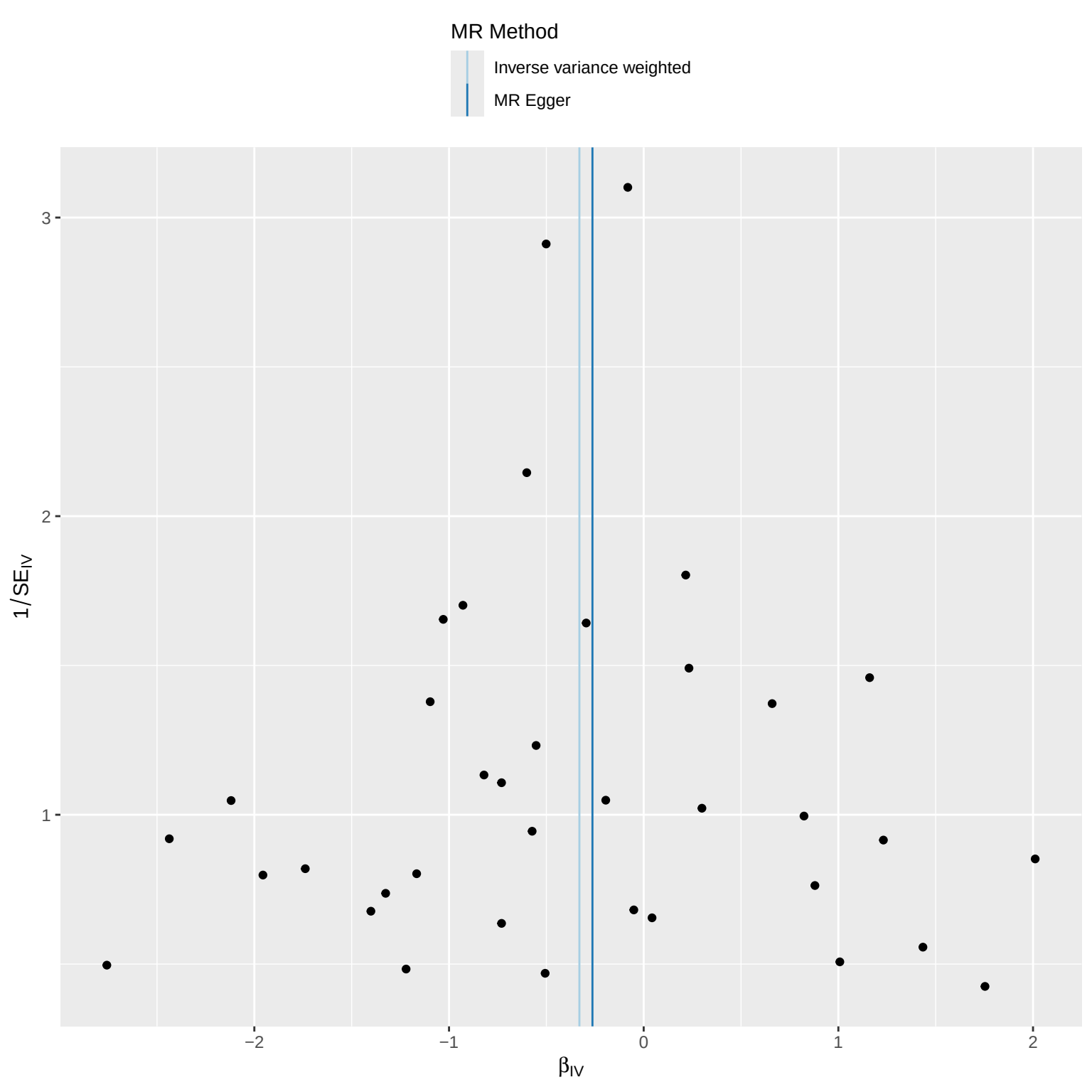

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

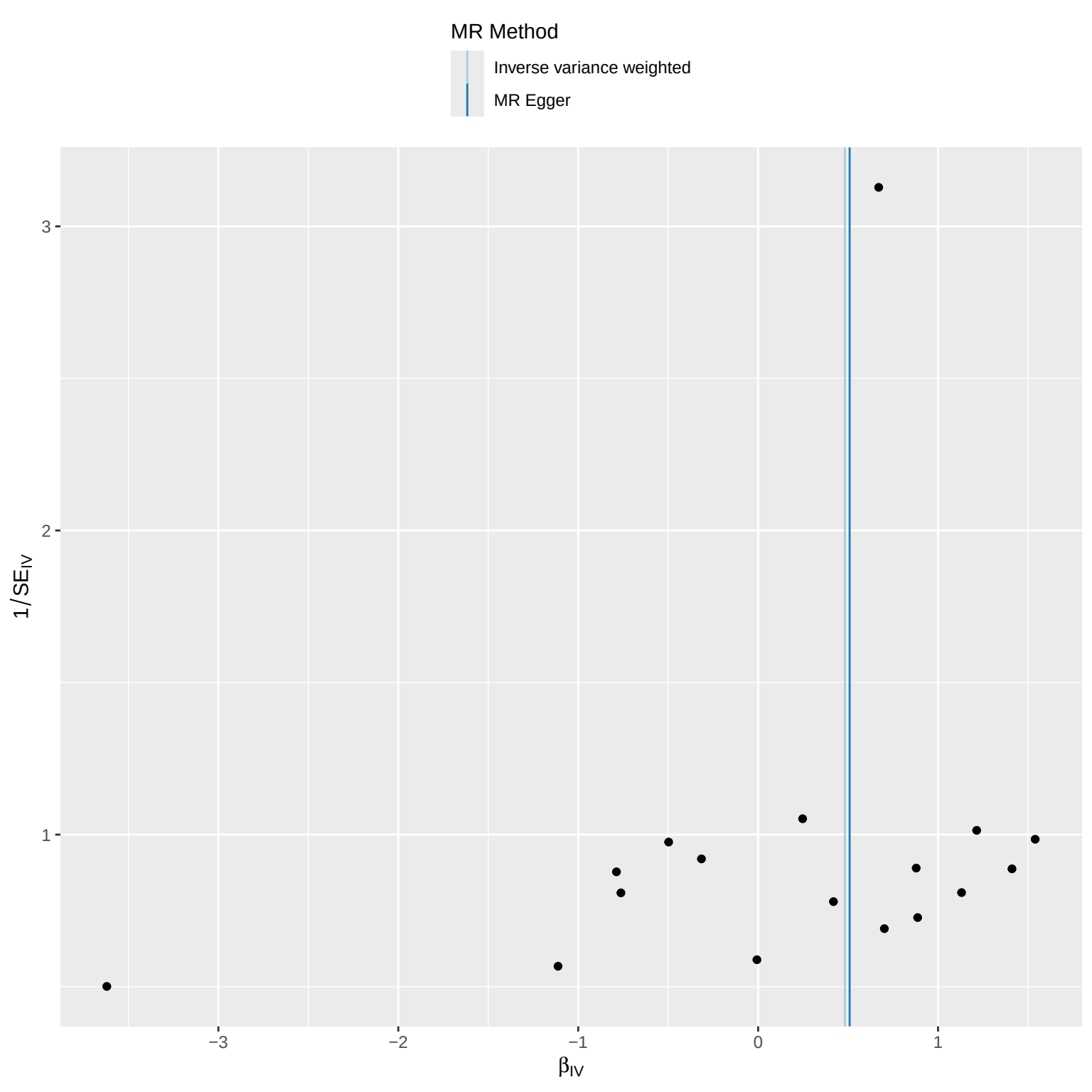

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
β_IV

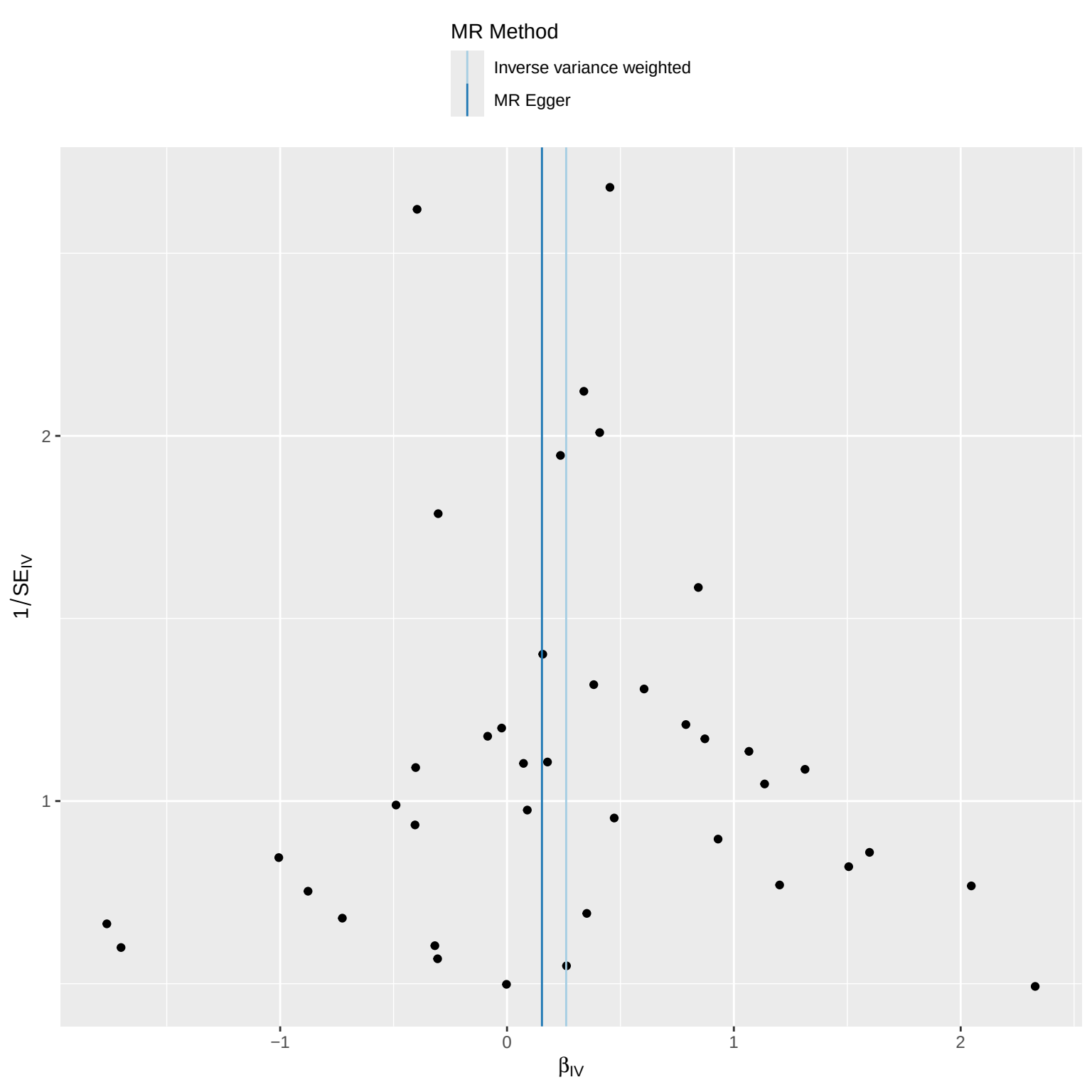

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

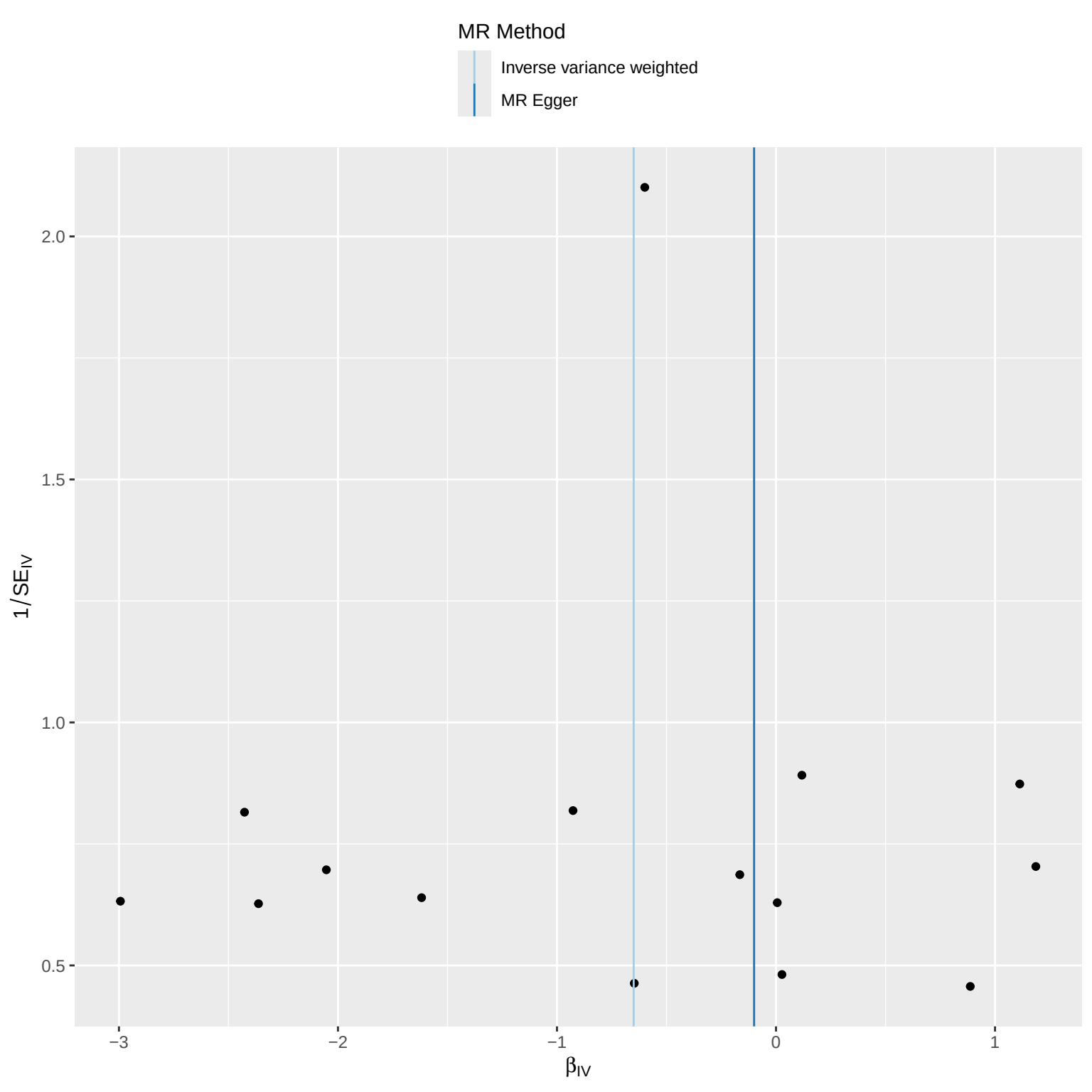

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

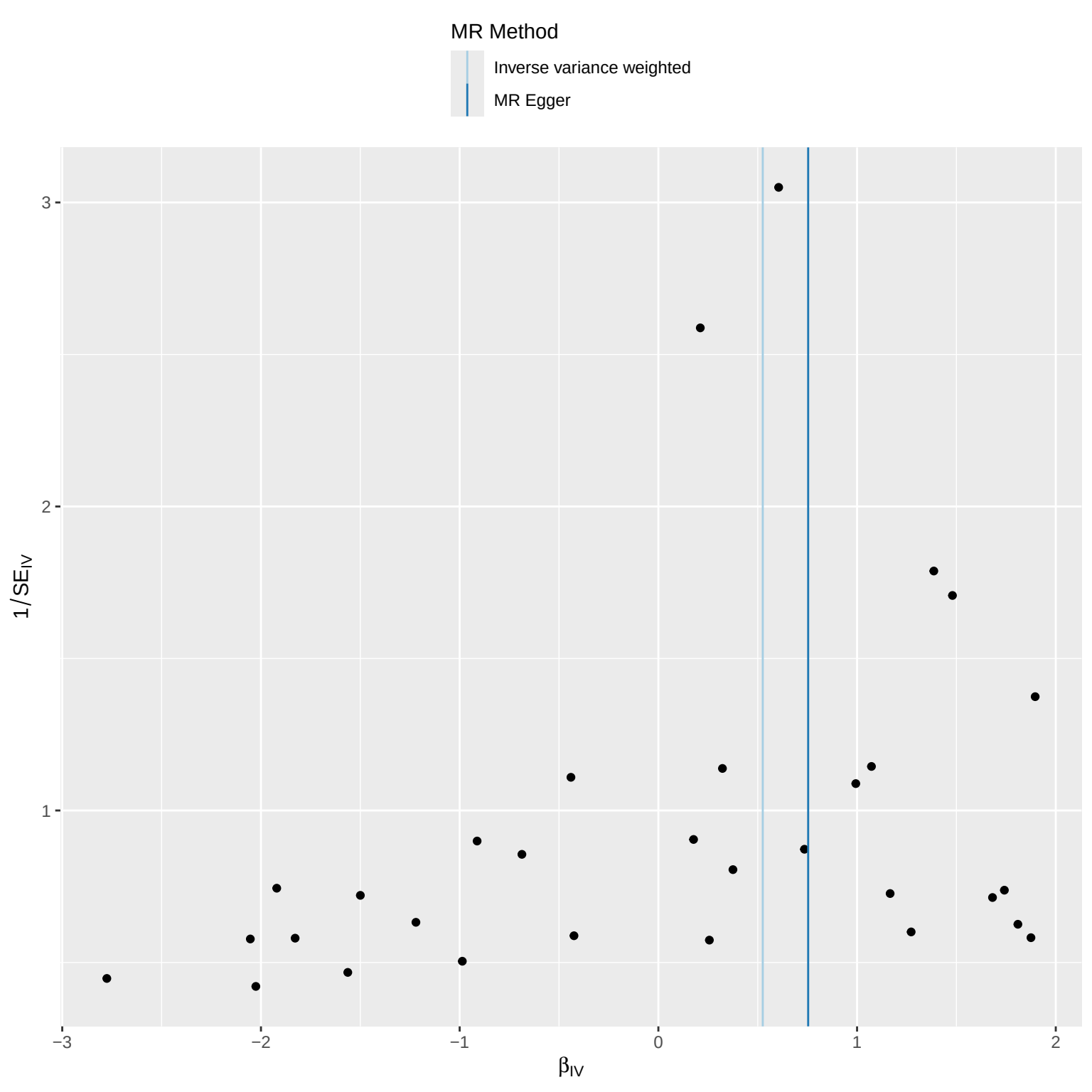

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

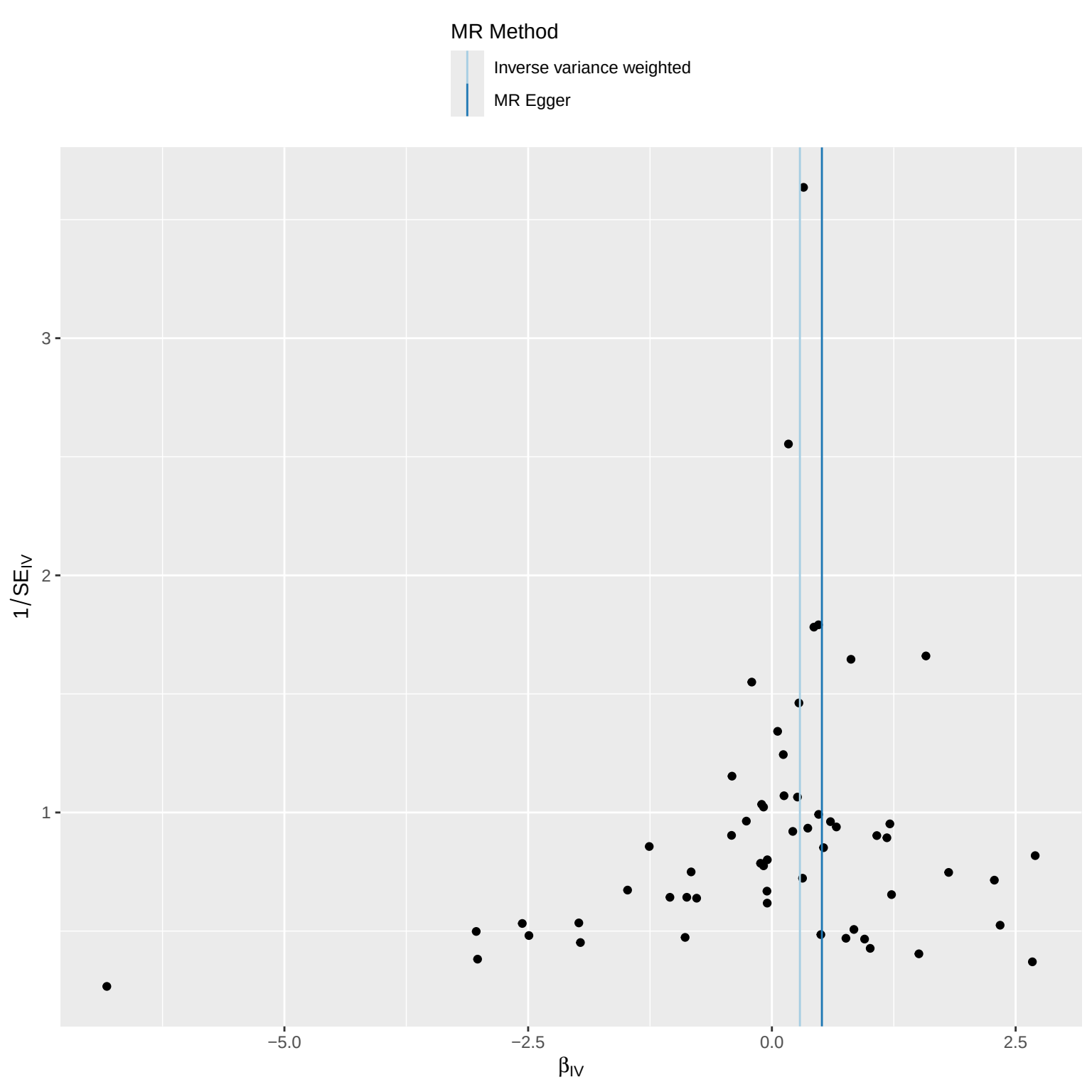

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

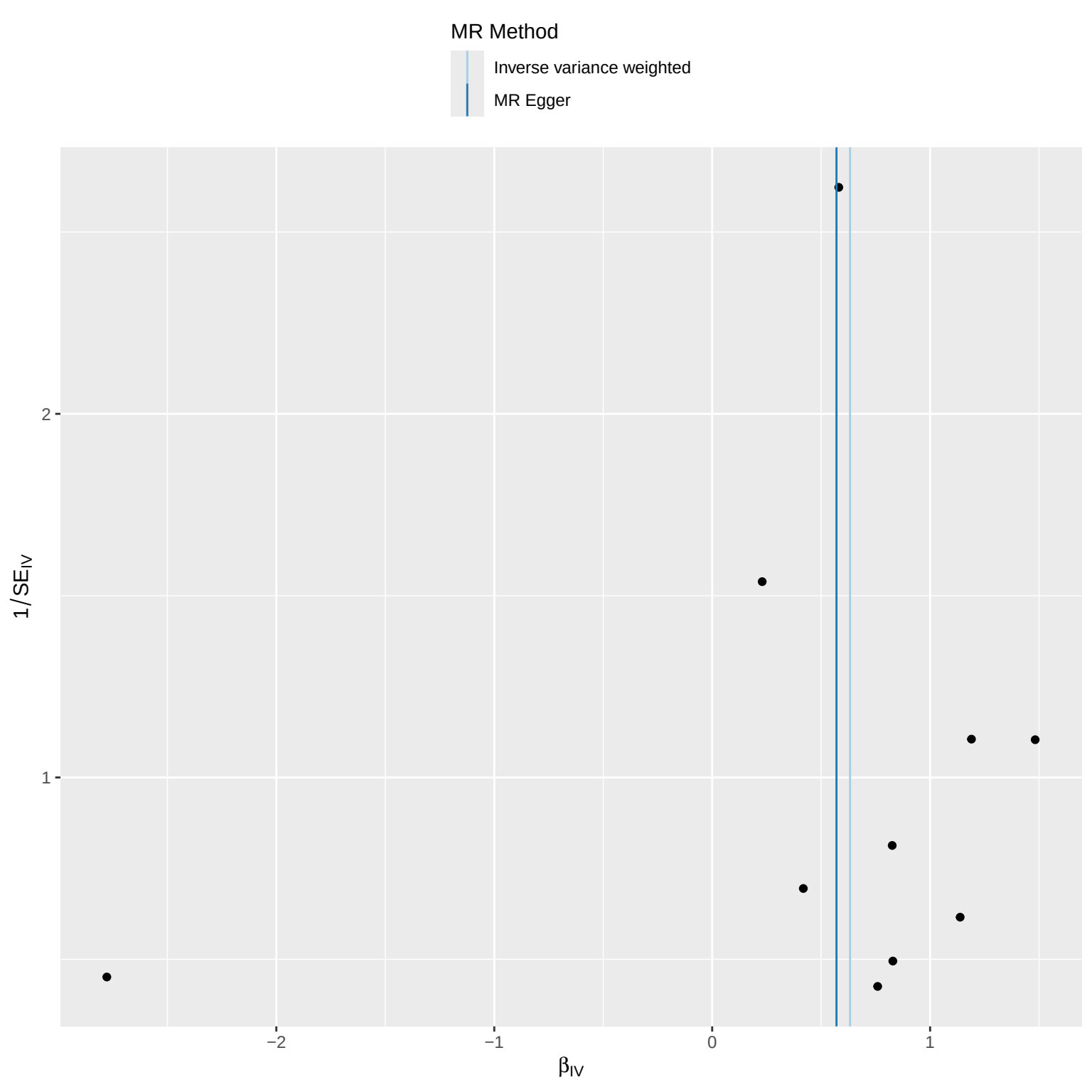

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

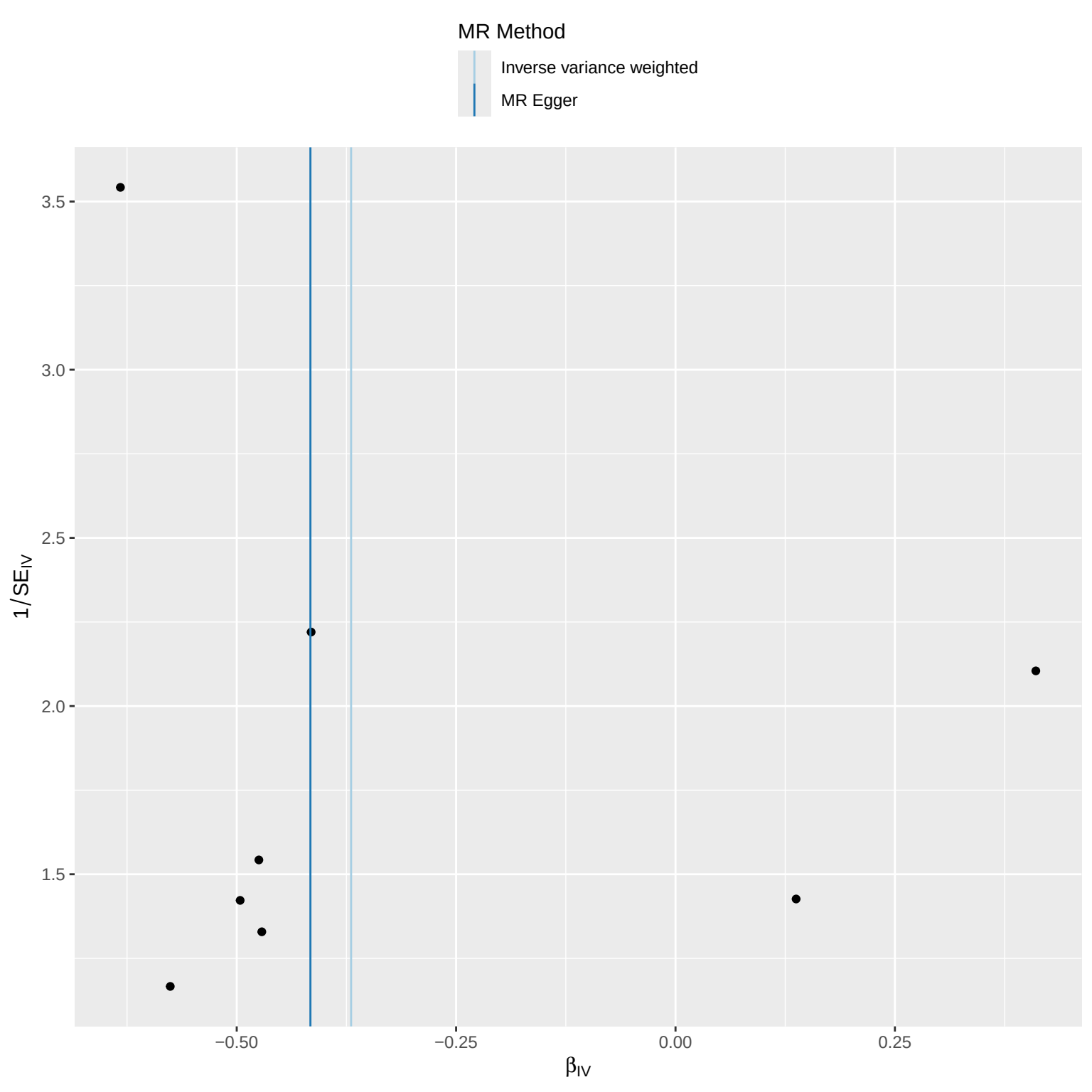

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

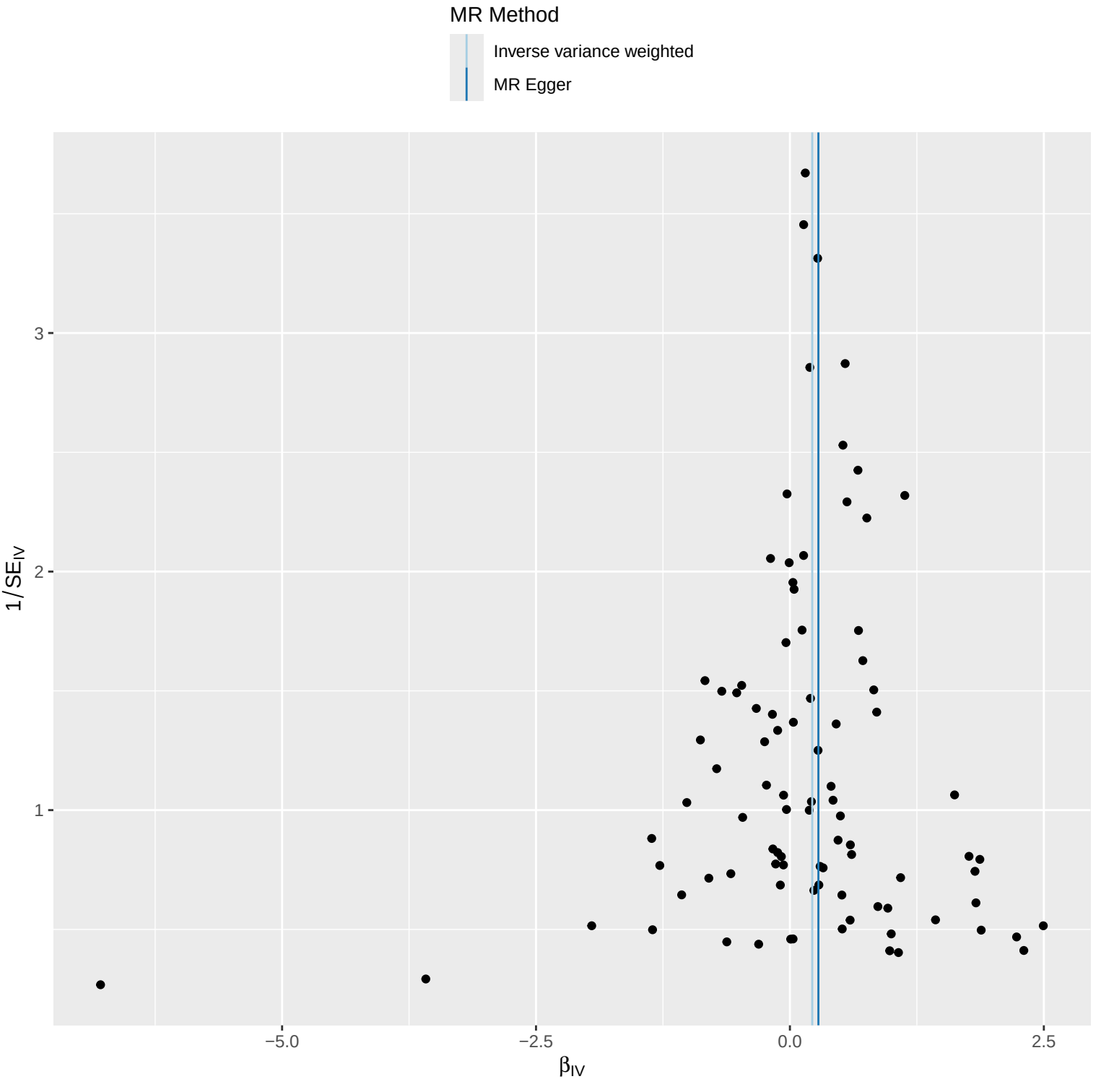

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

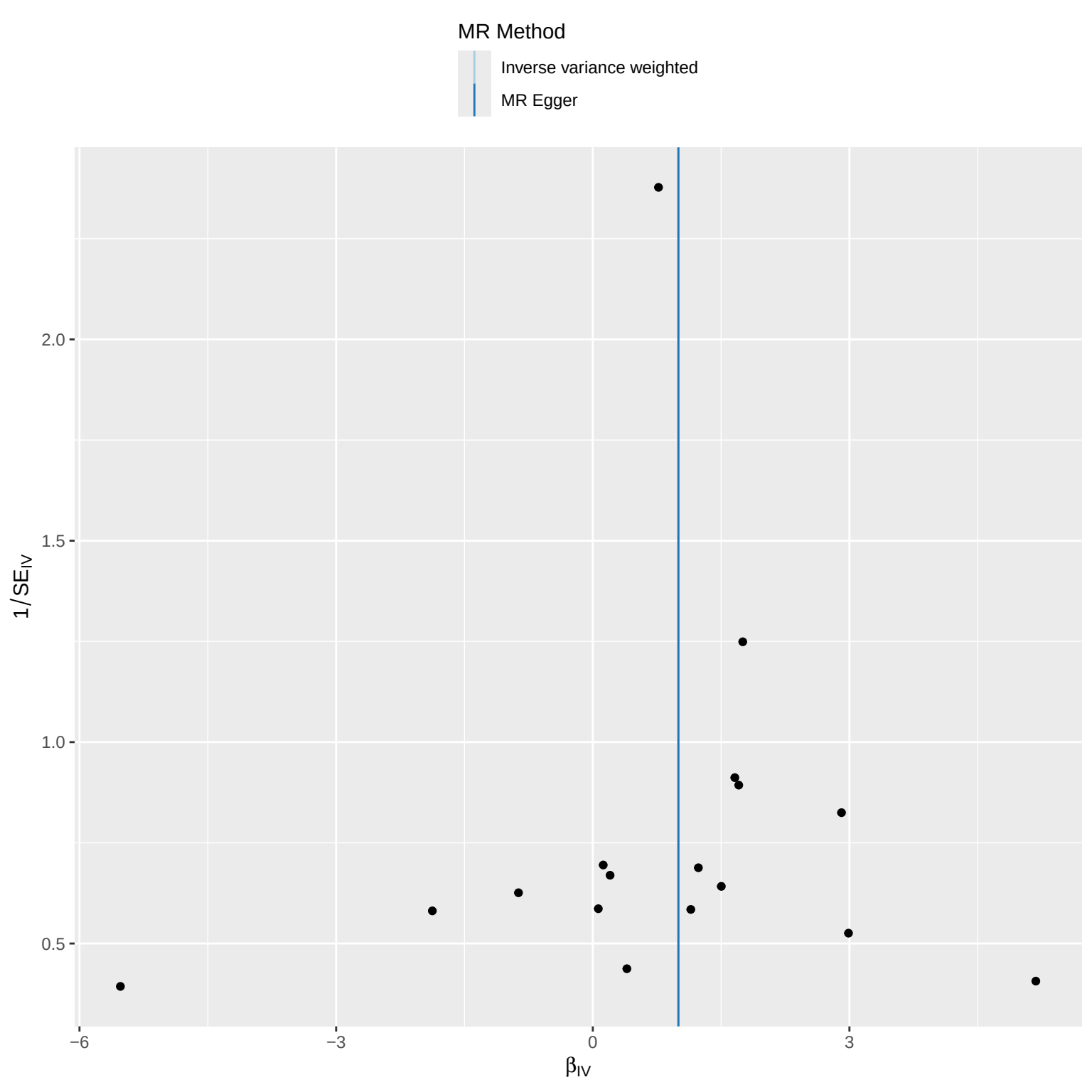

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

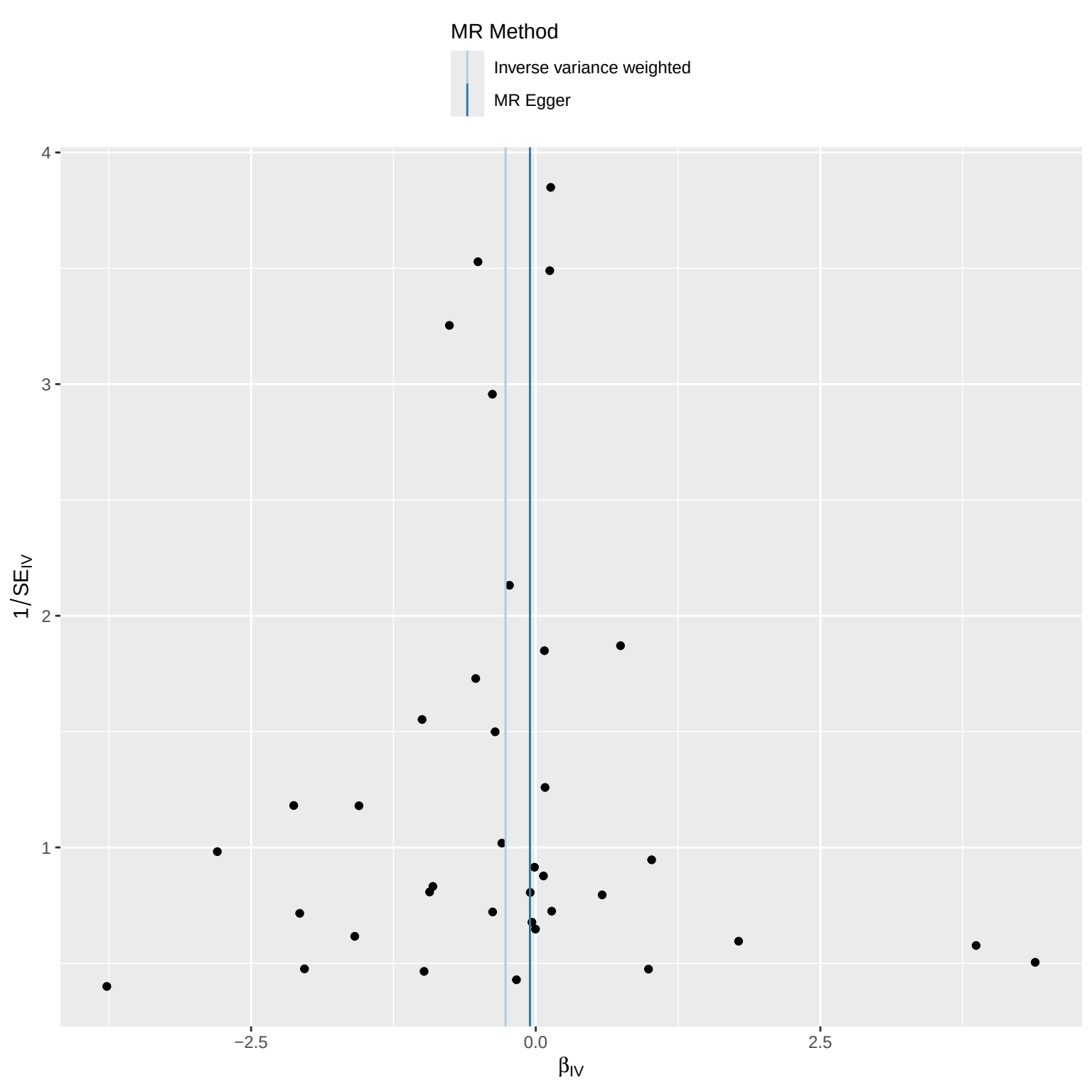

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

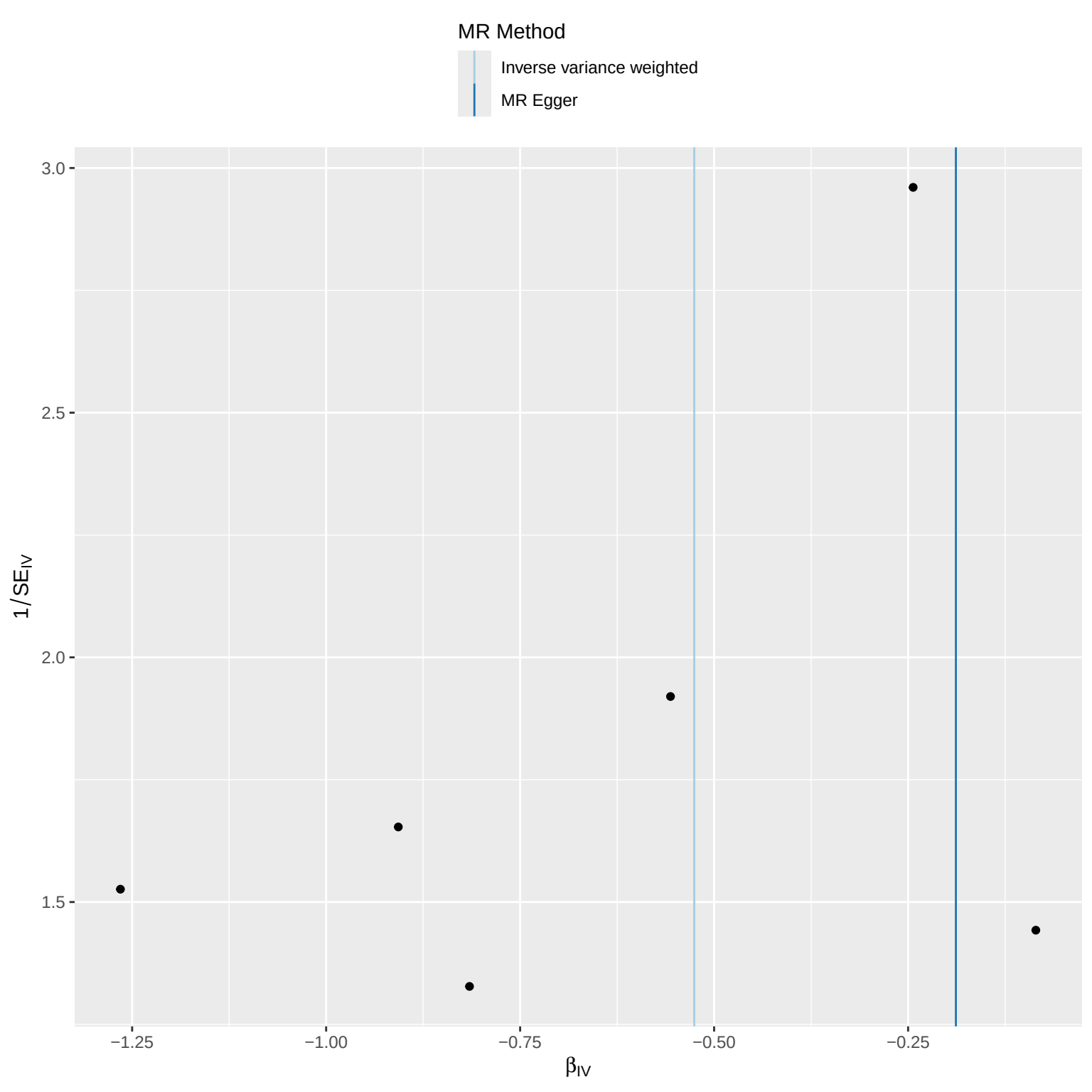

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

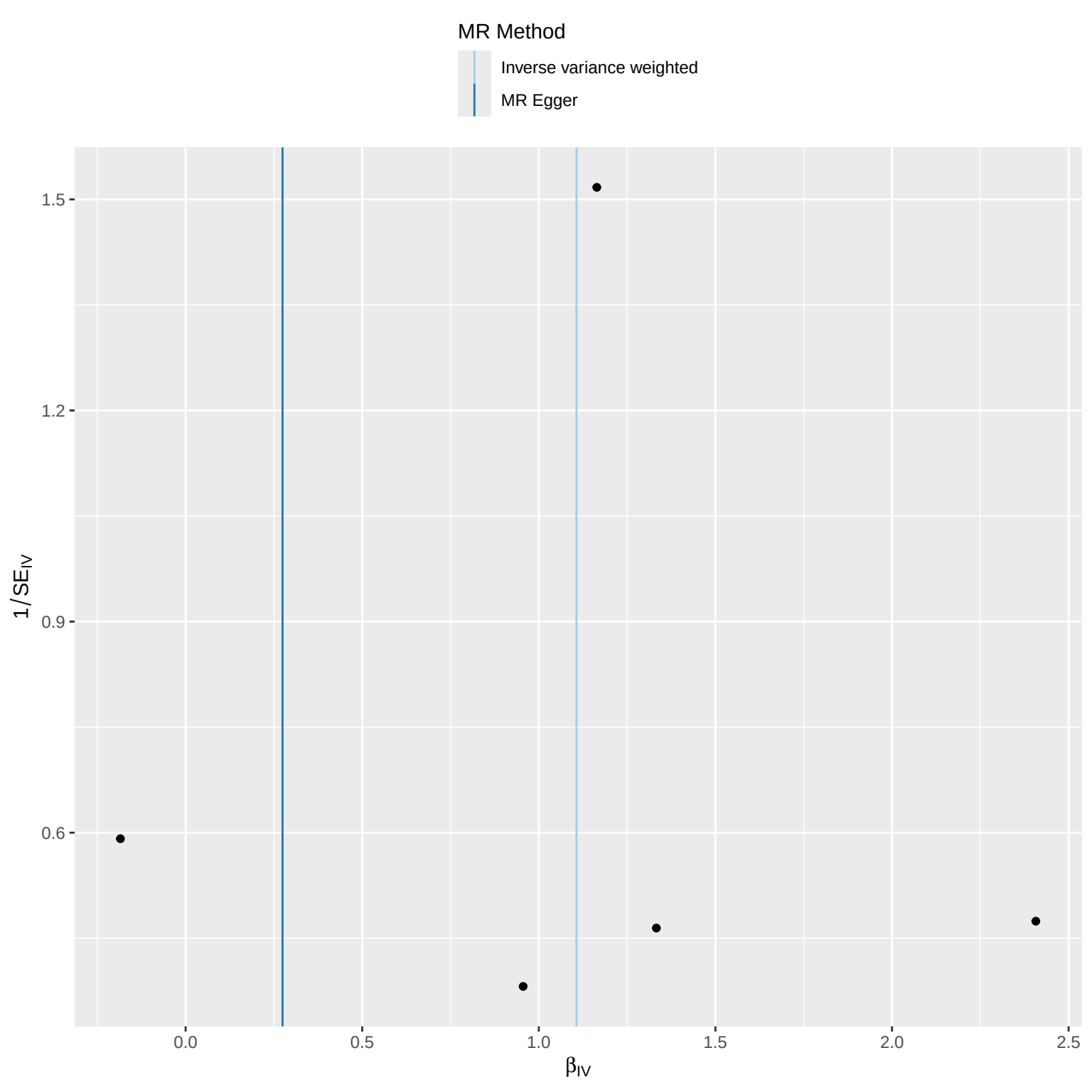

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

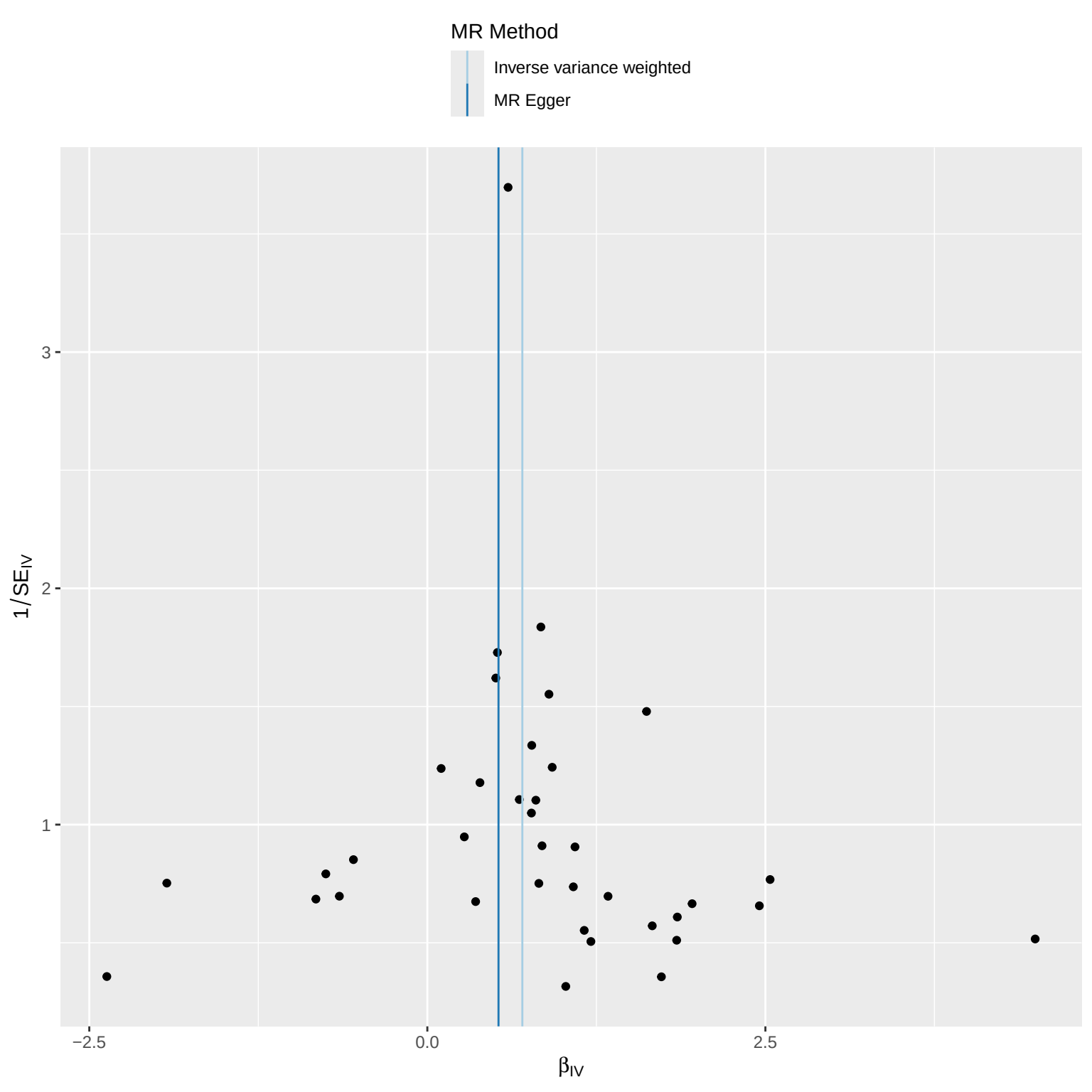

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

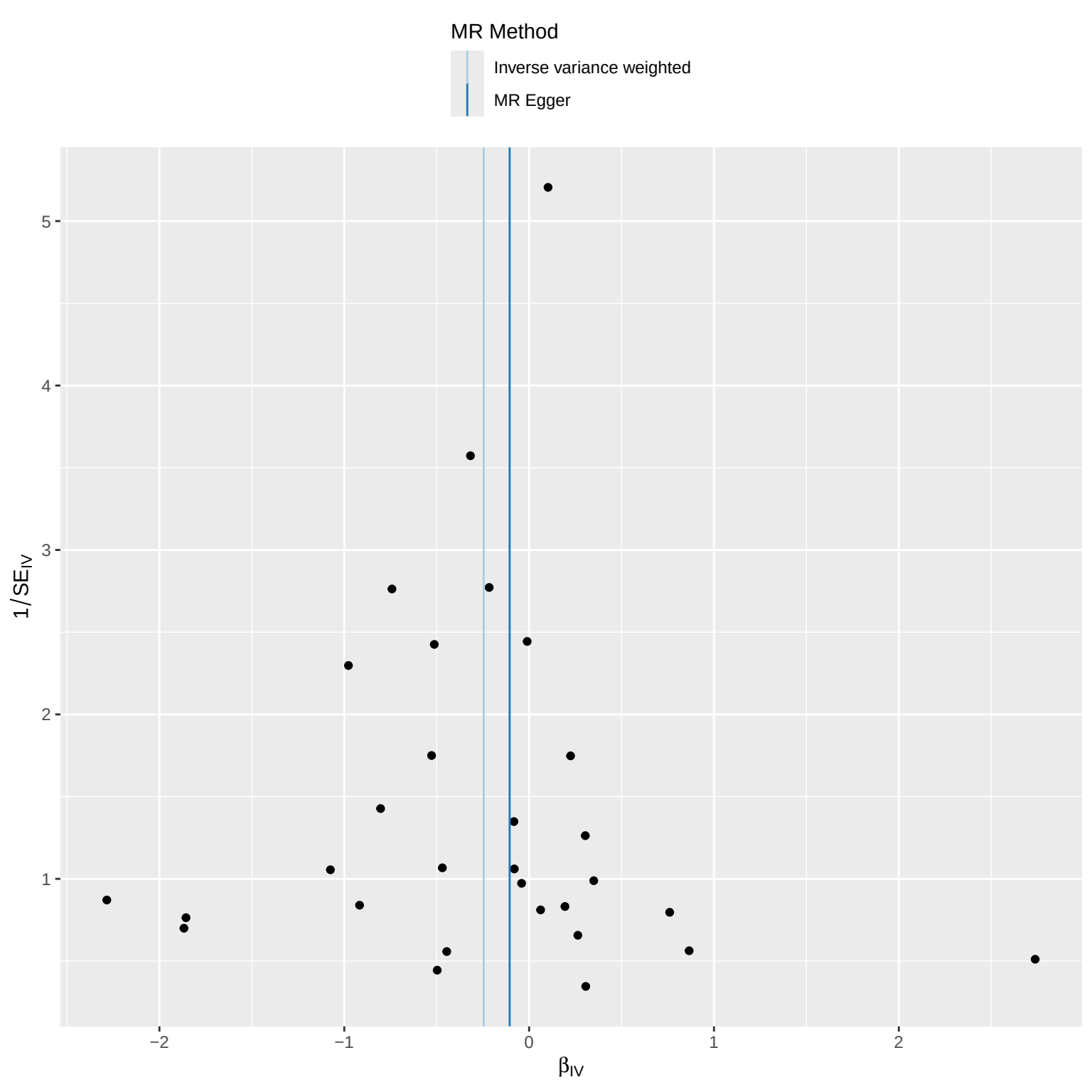

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−3
0
3
β_IV

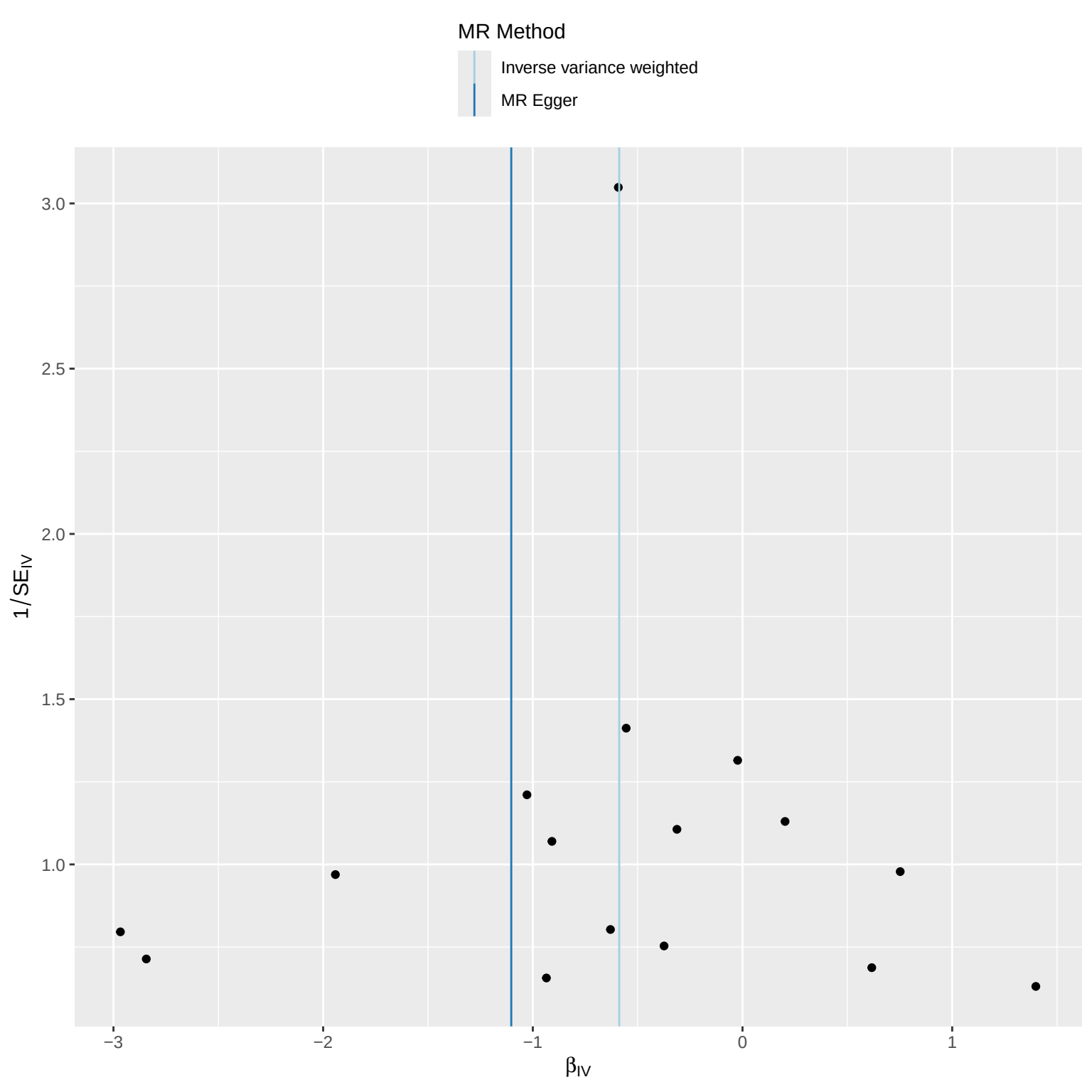

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

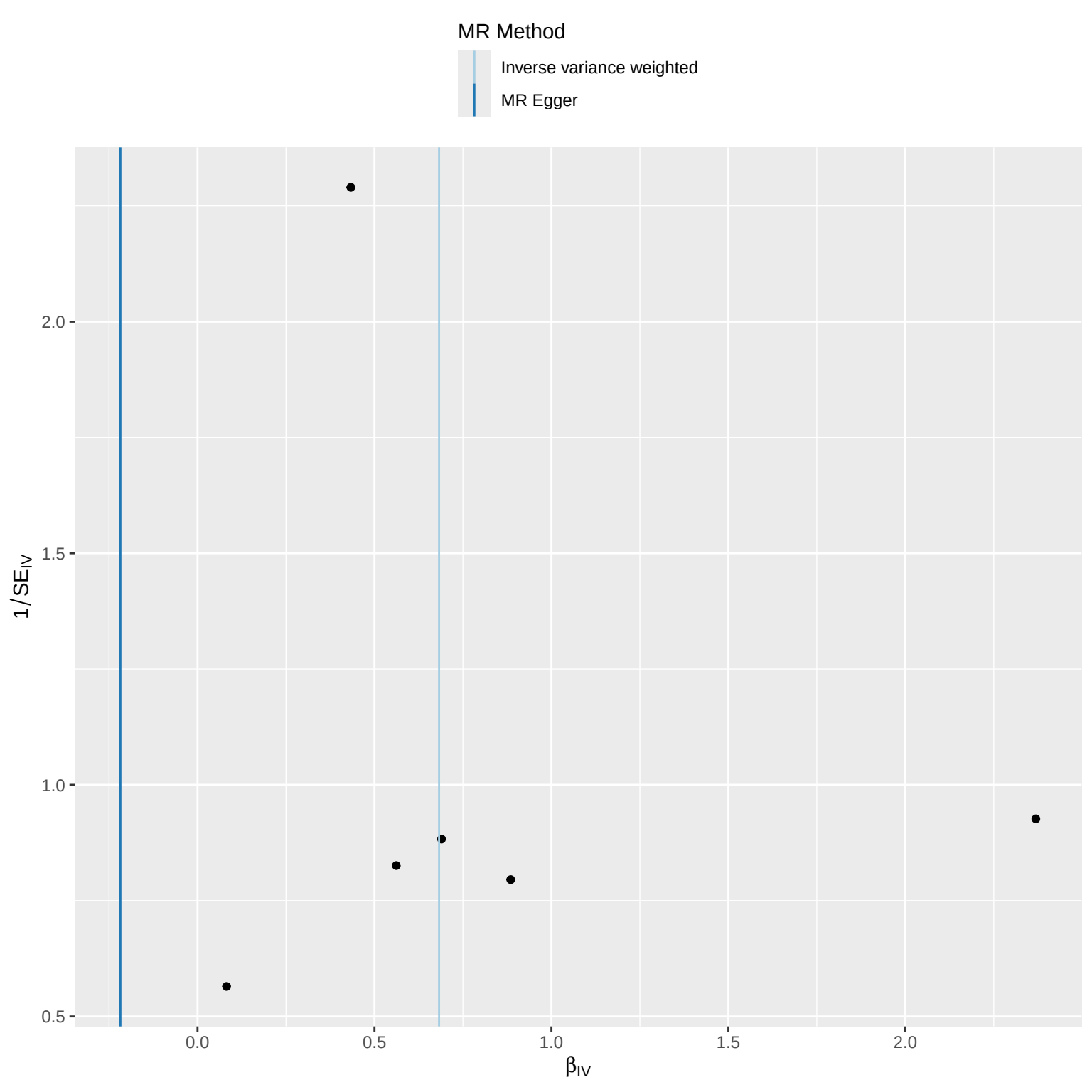

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.25
−1.00
−0.75
−0.50
−0.25
β_IV

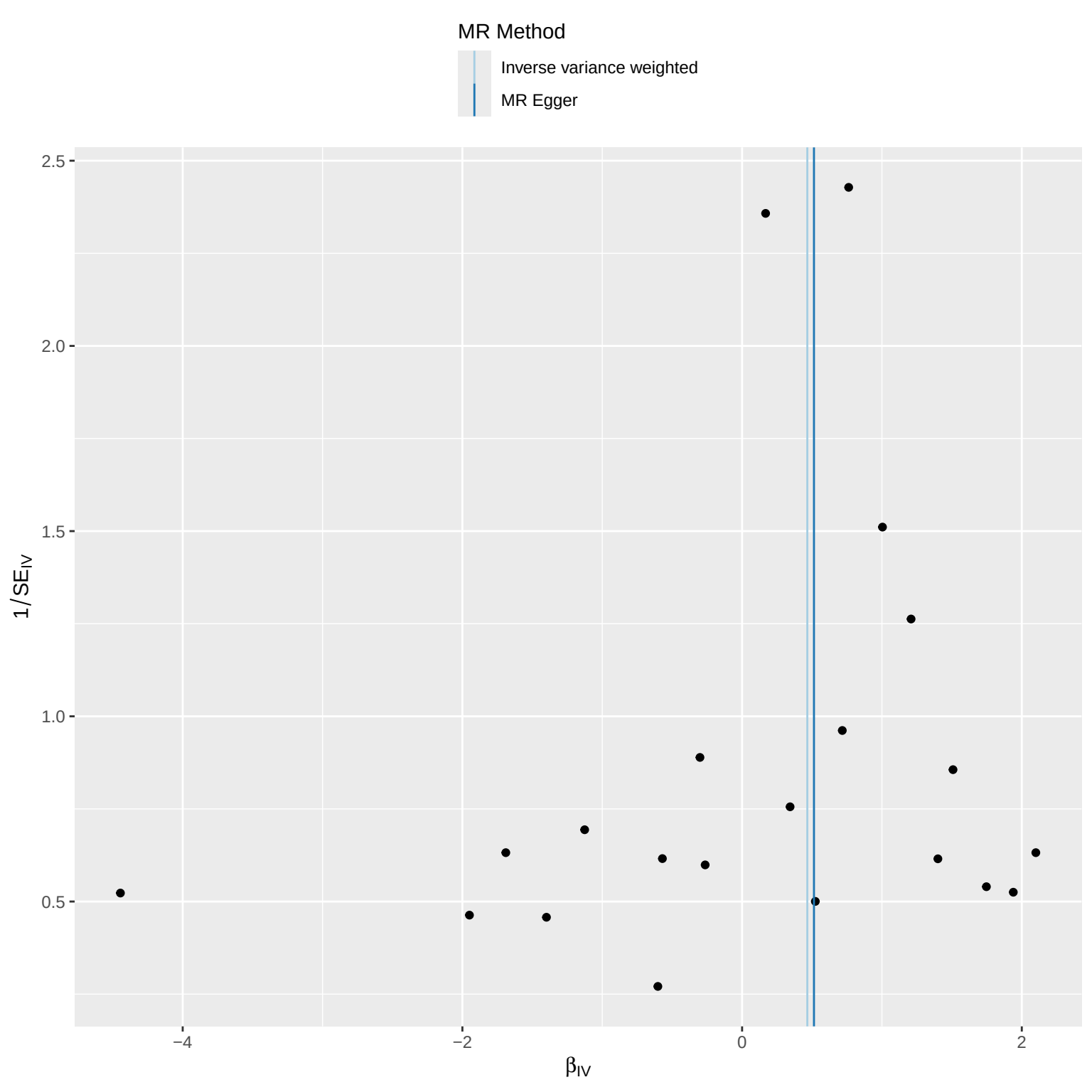

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

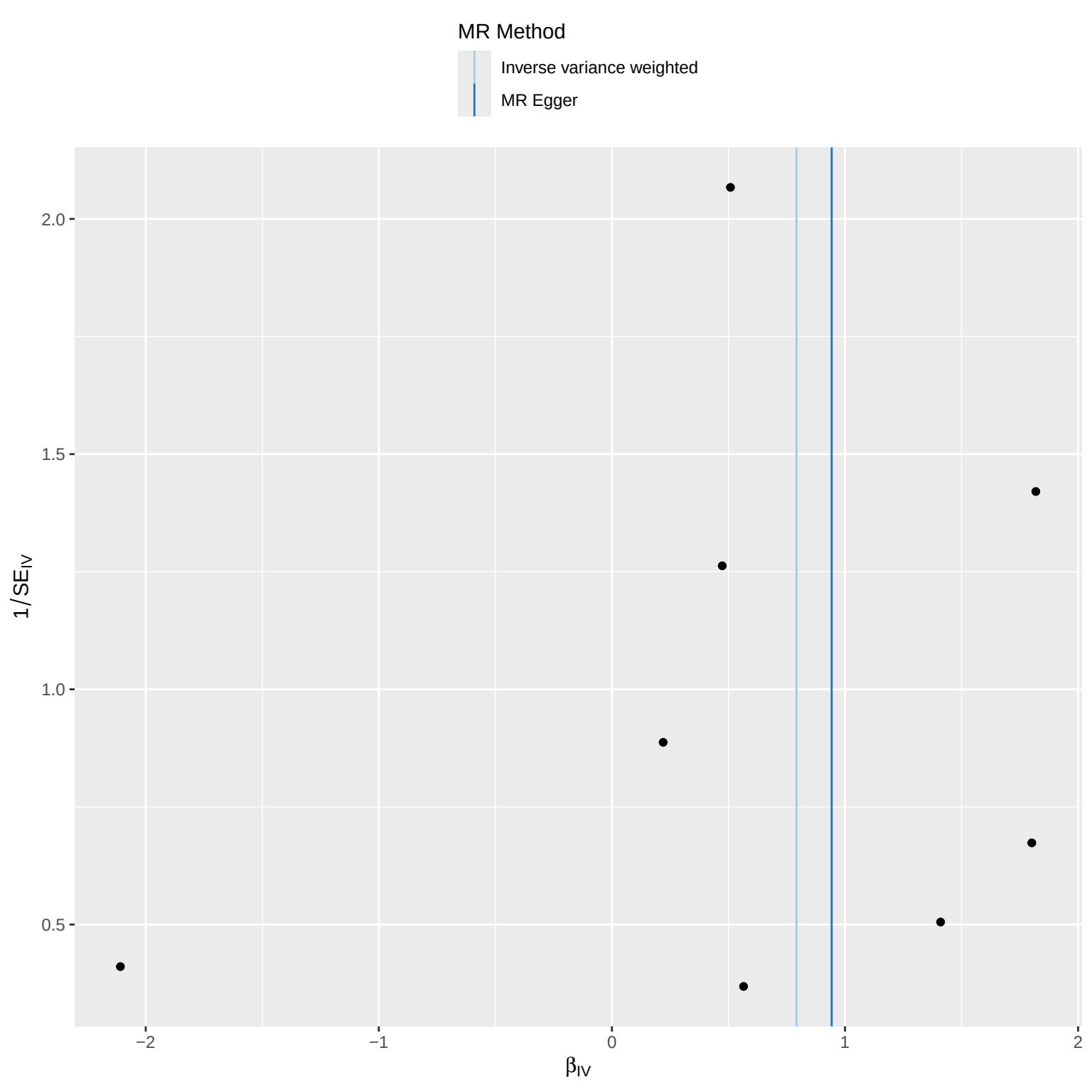

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

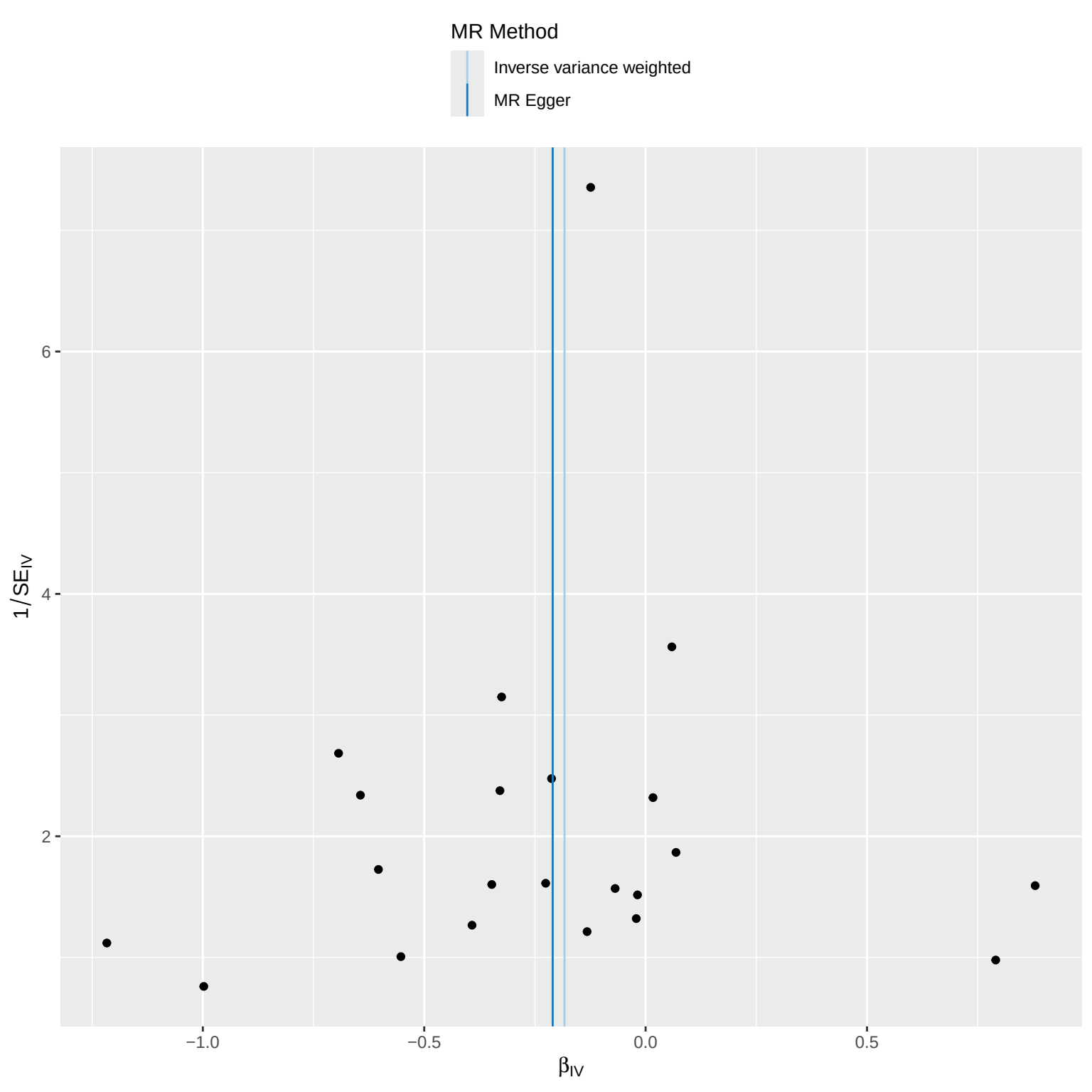

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

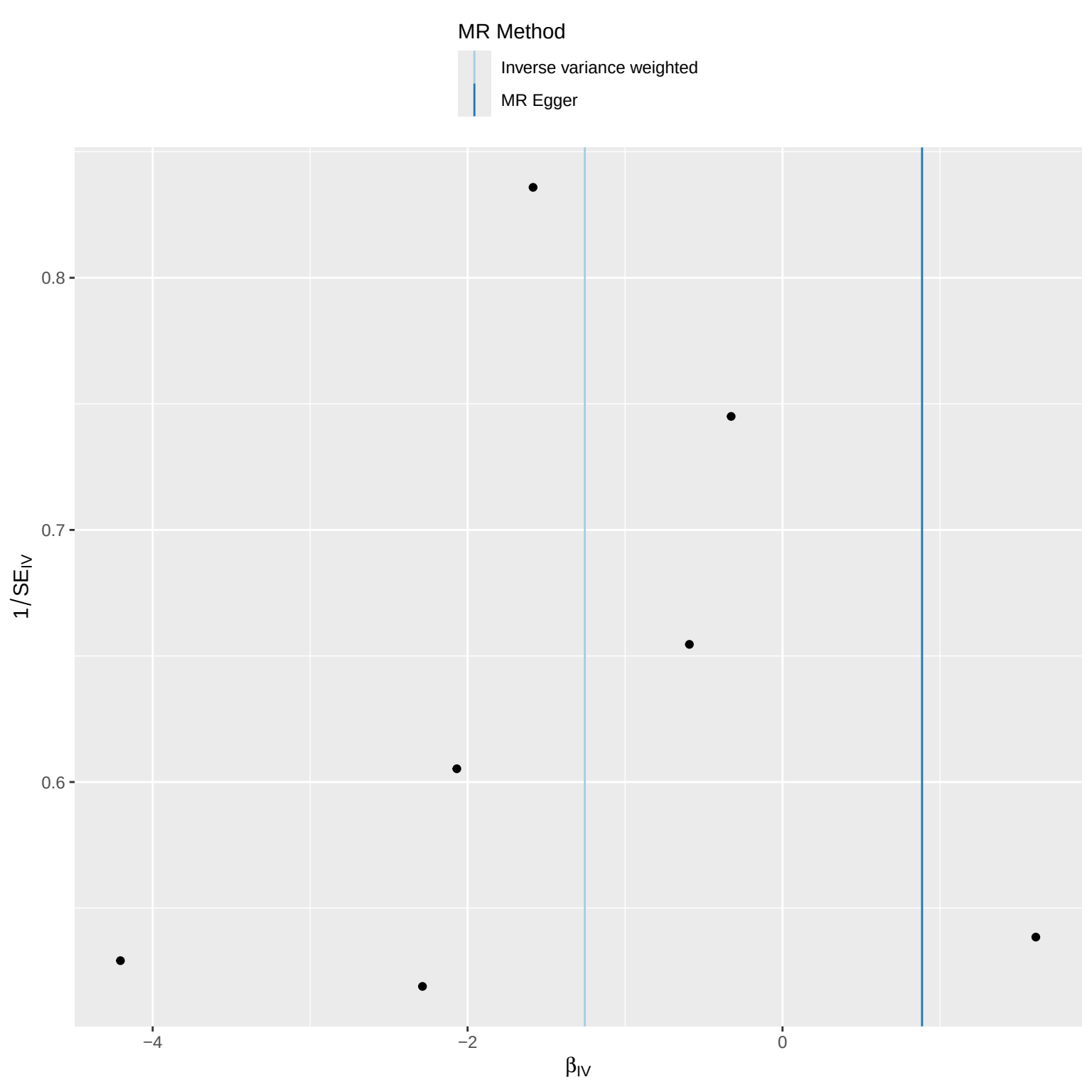

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
β_IV

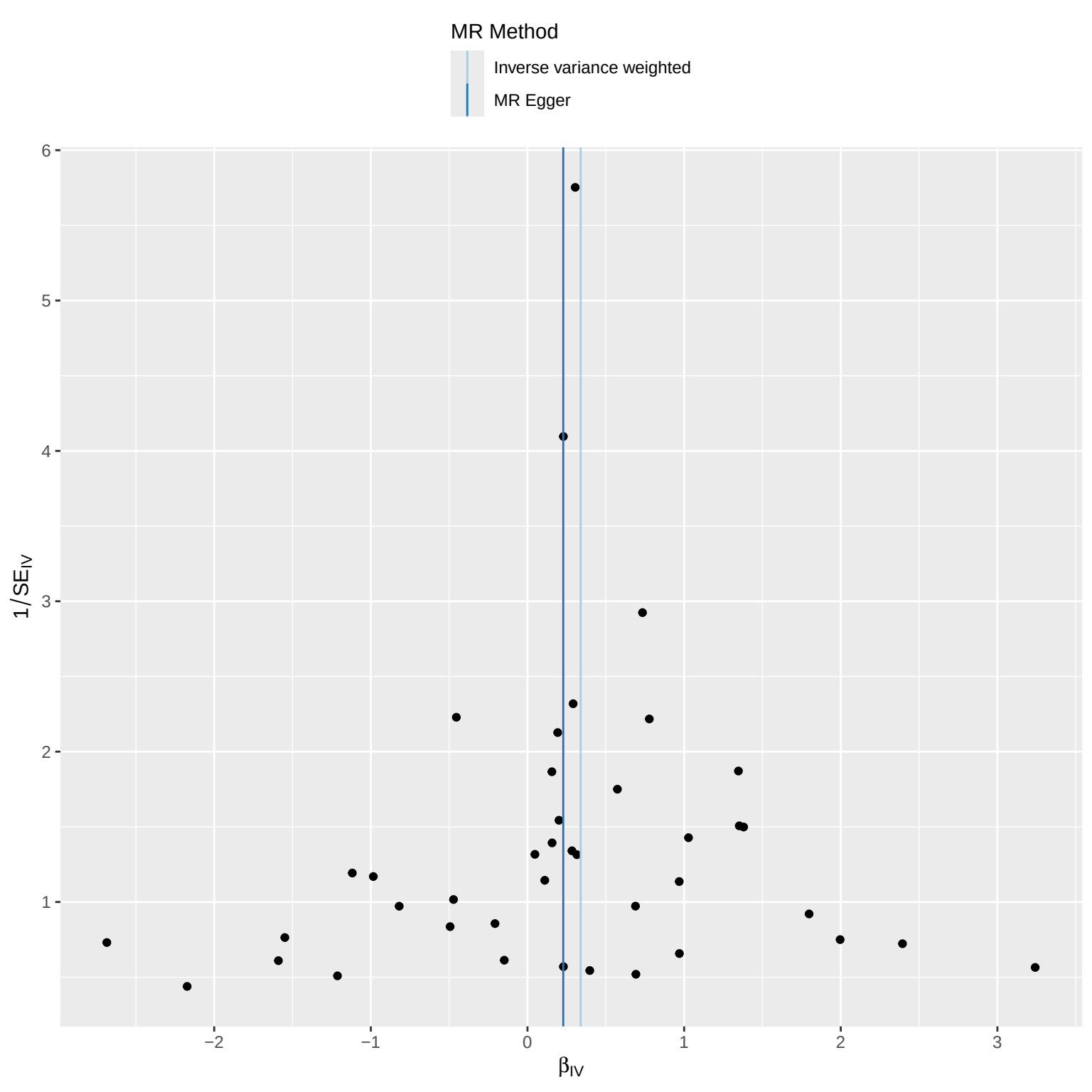

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

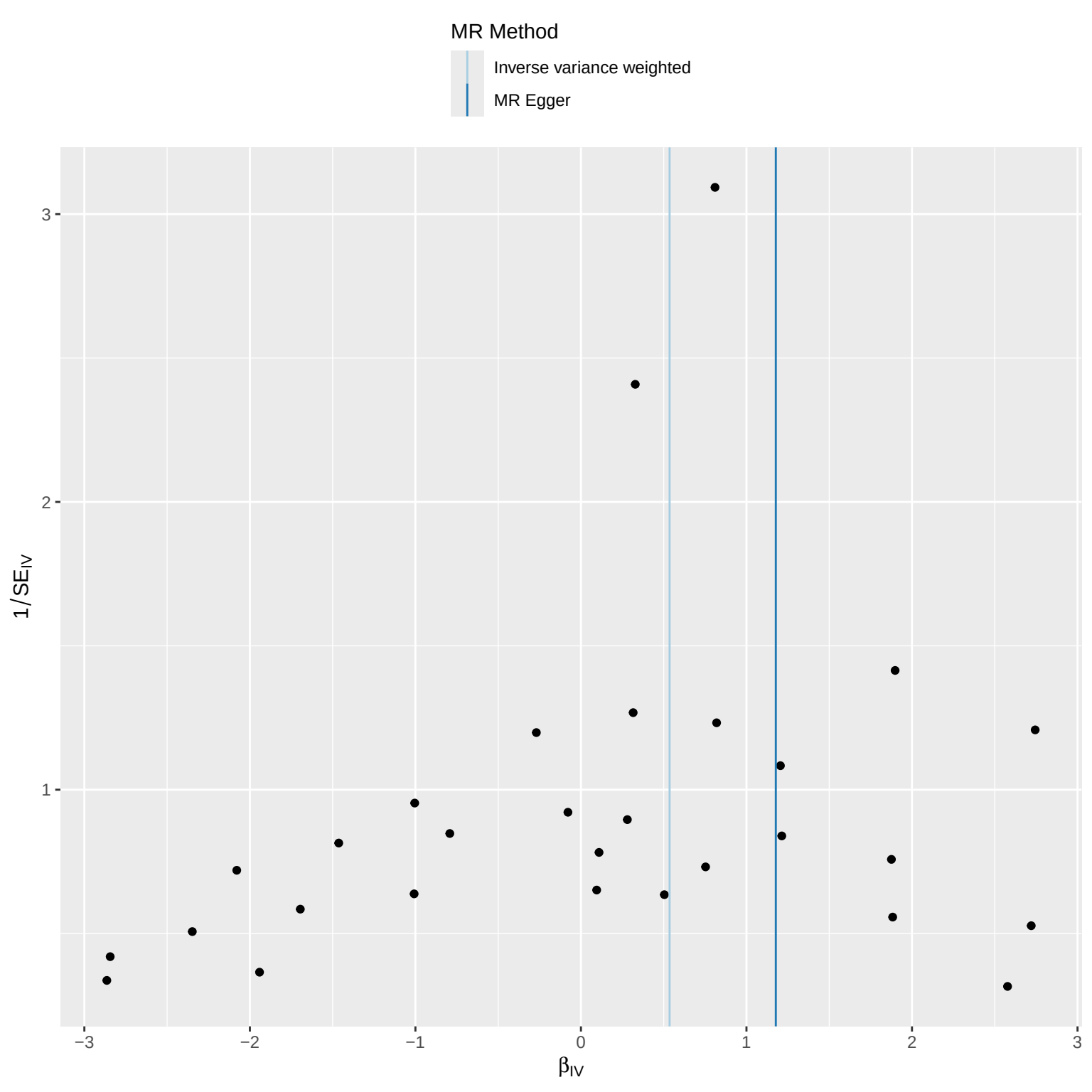

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

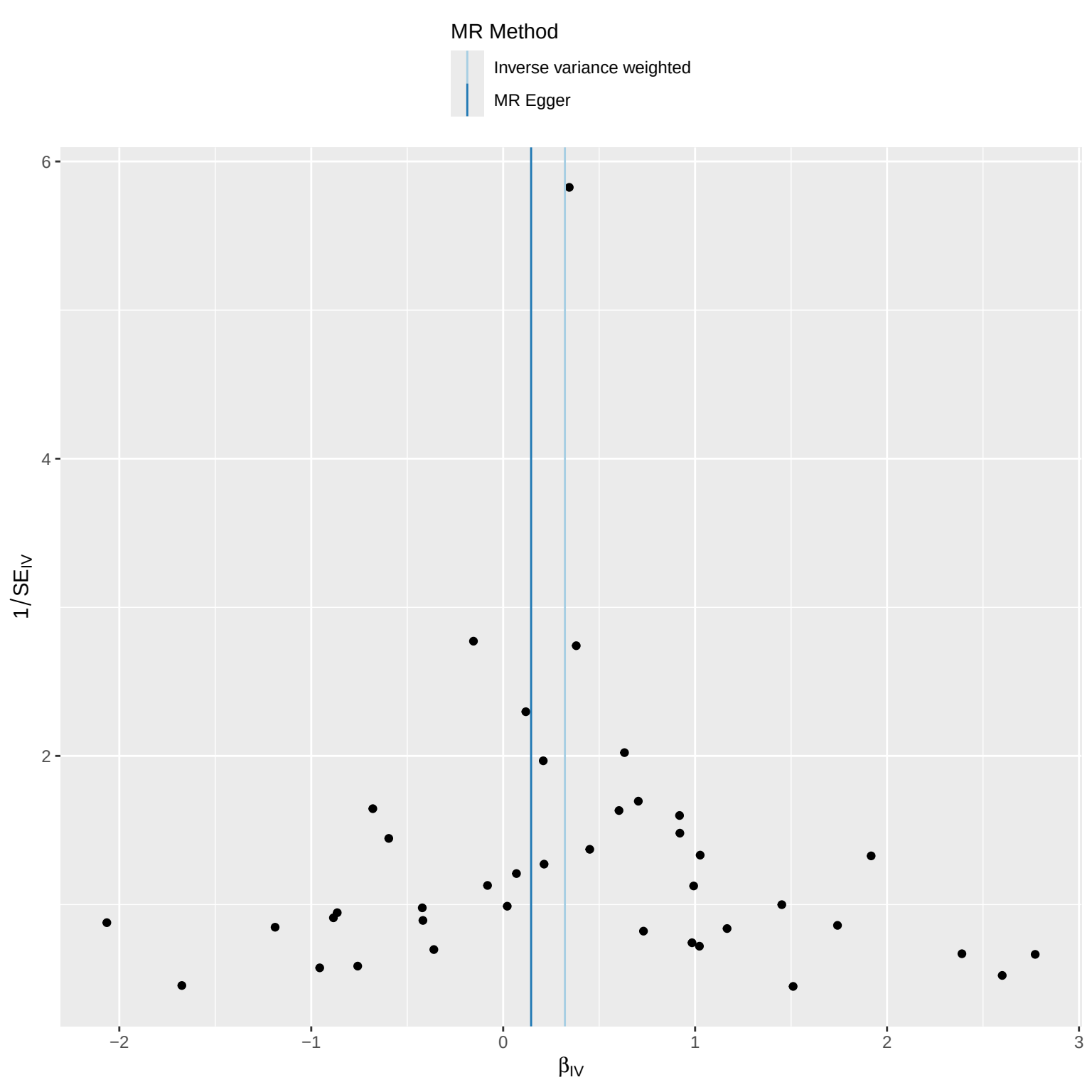

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

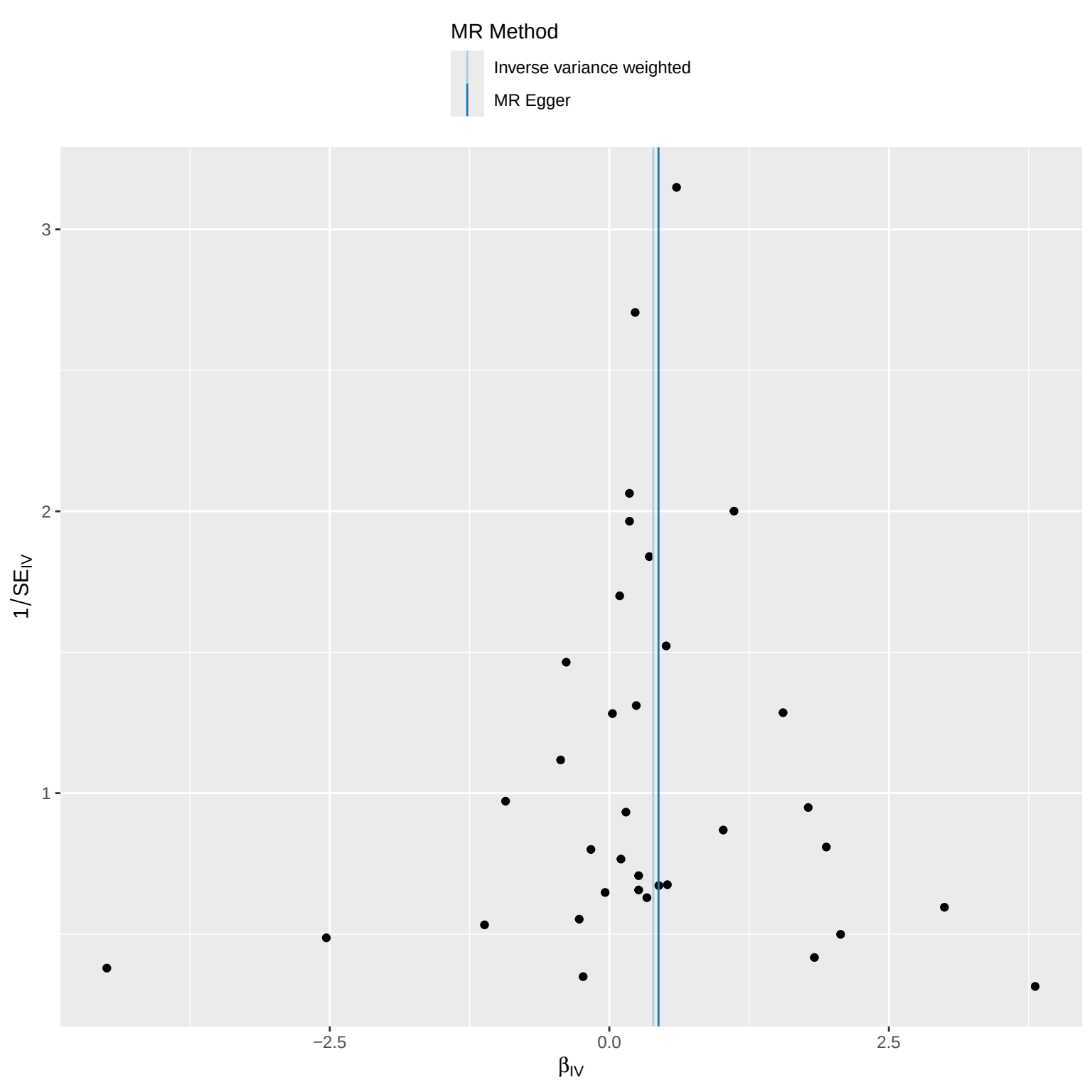

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

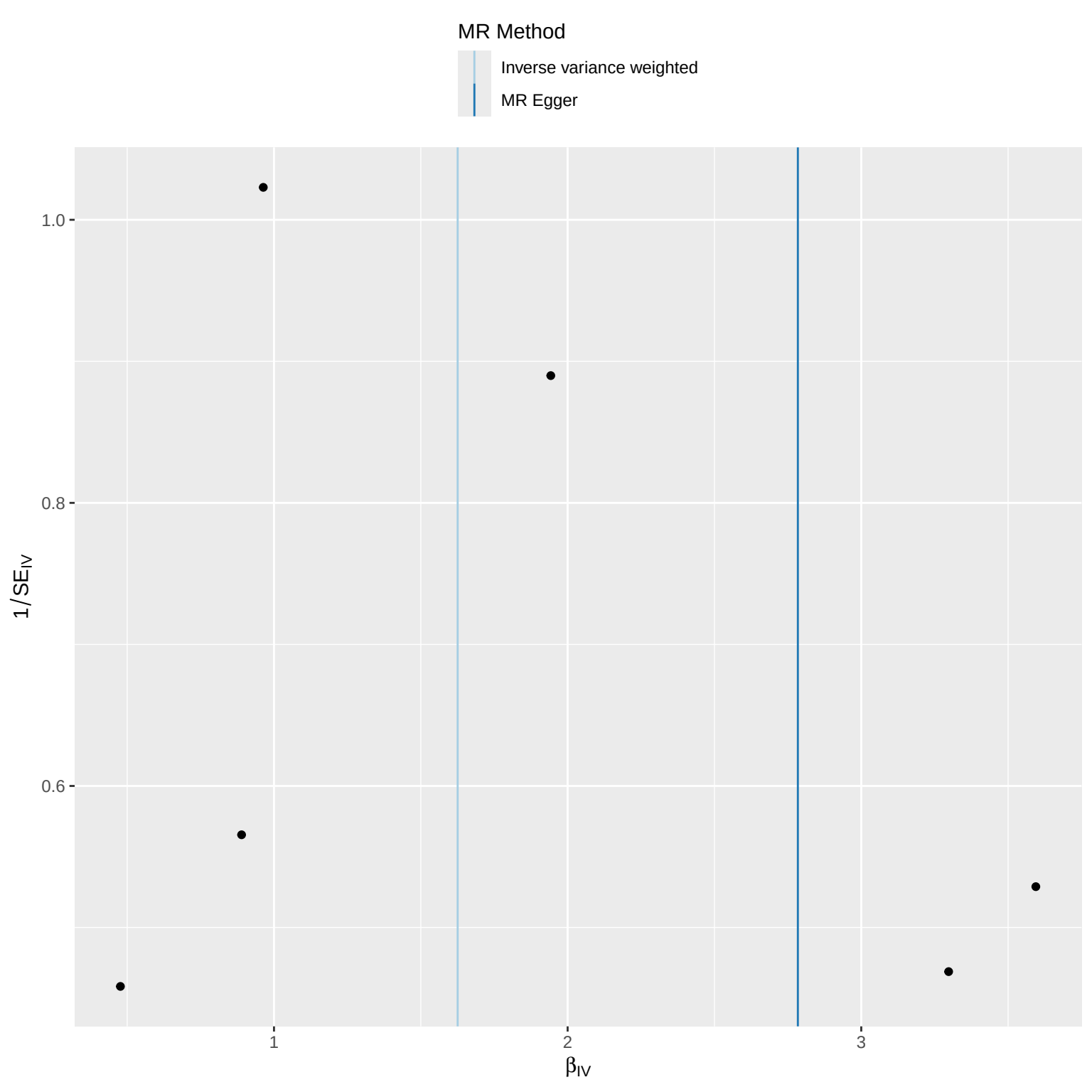

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
1/SE_IV
−4
−2
0
β_IV

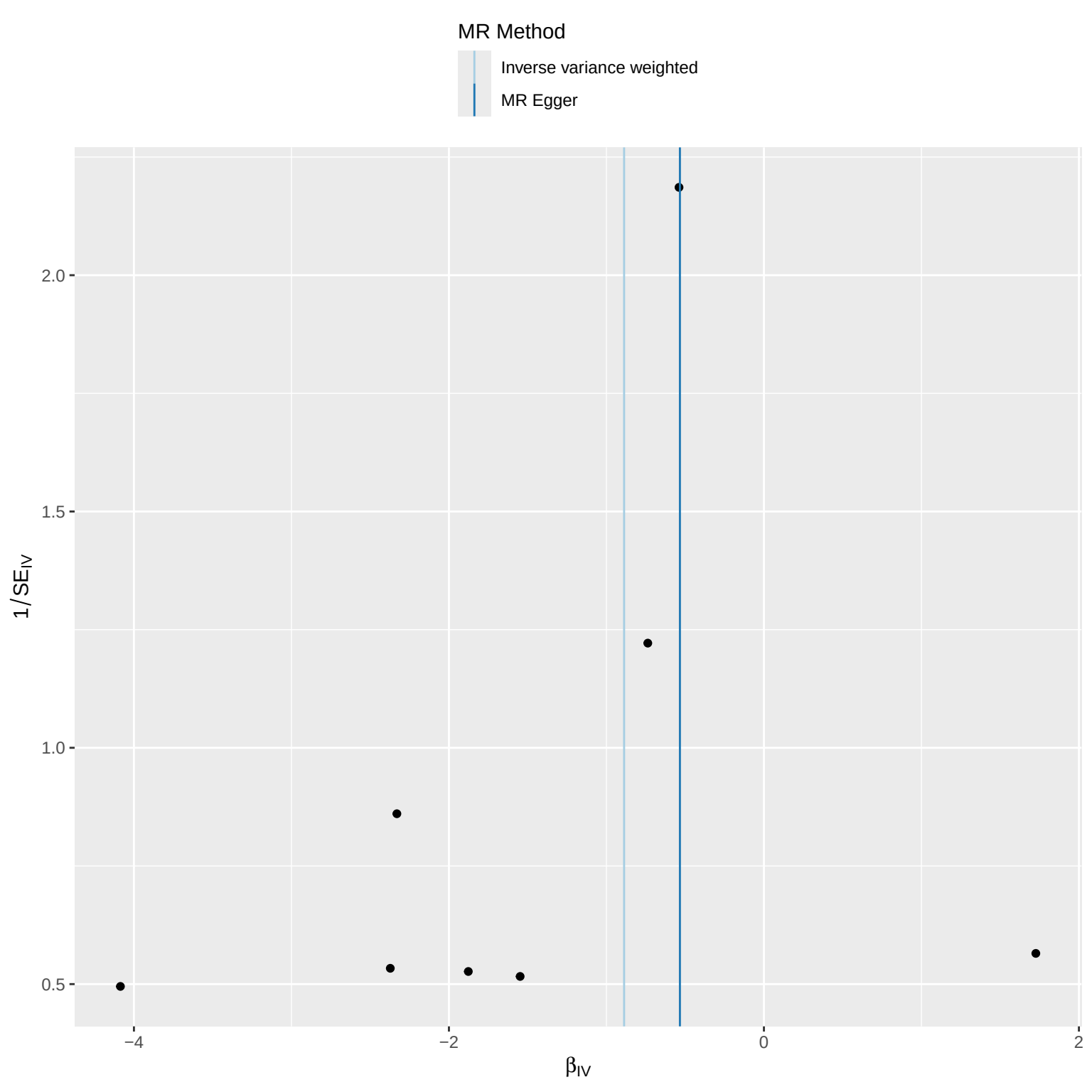

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

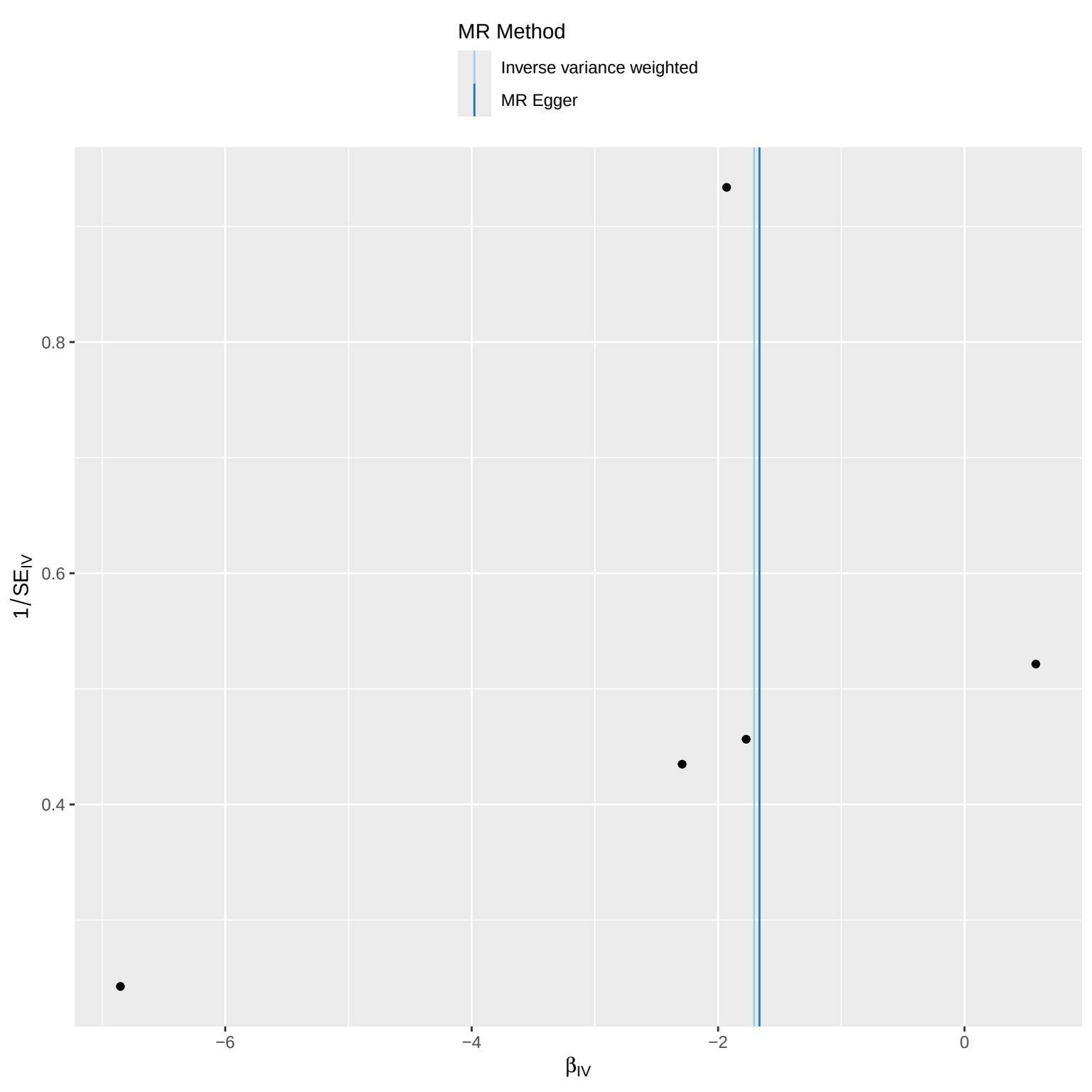

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

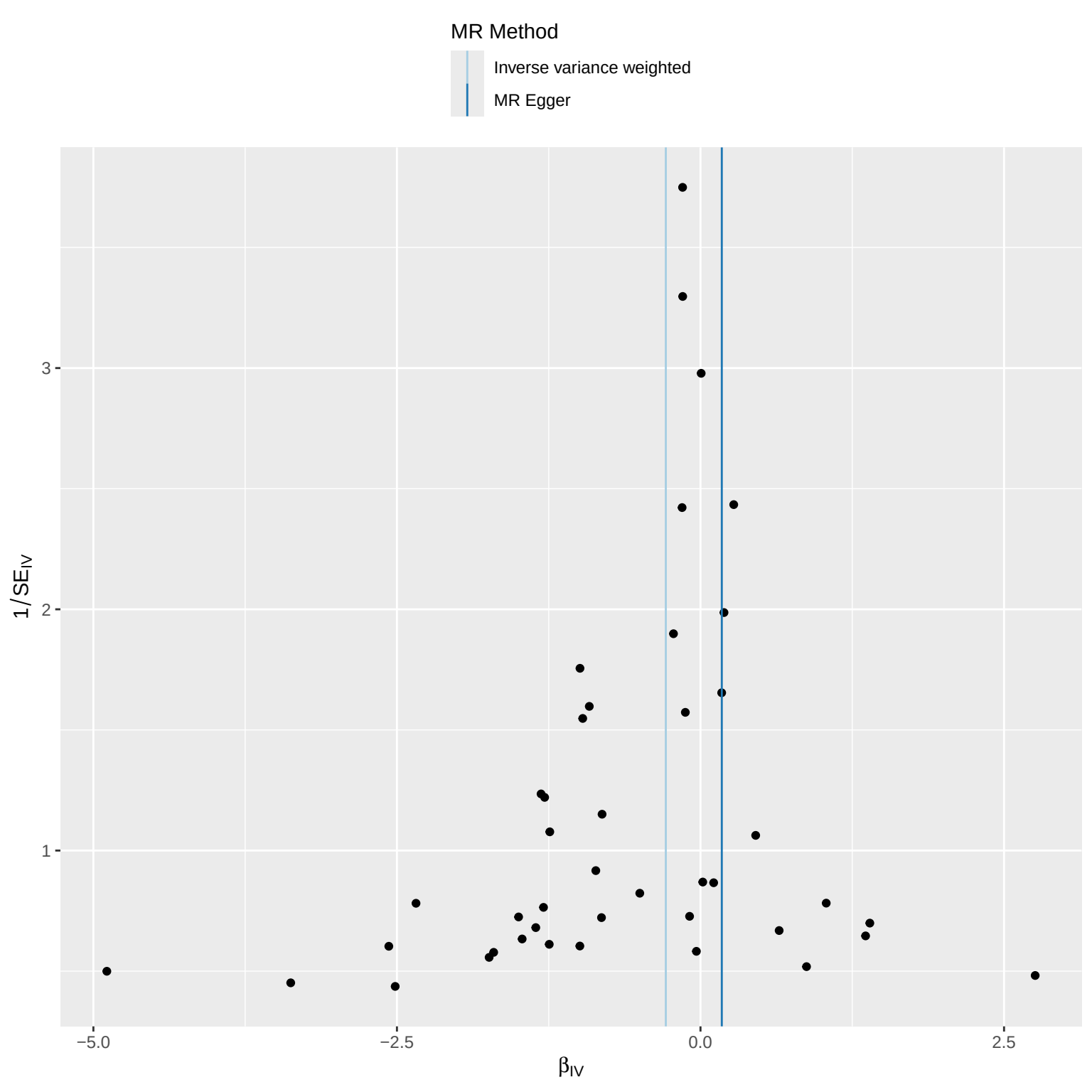

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

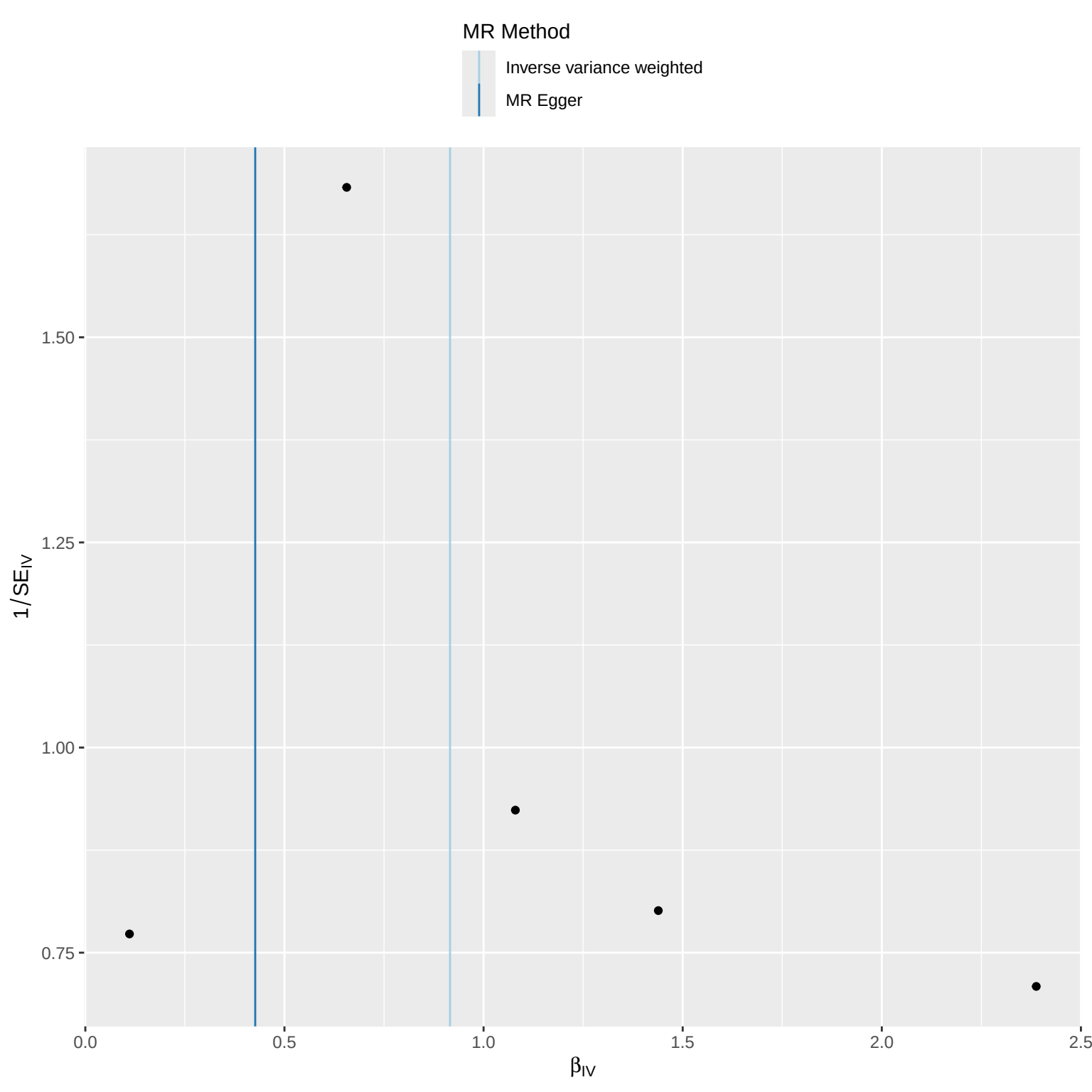

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

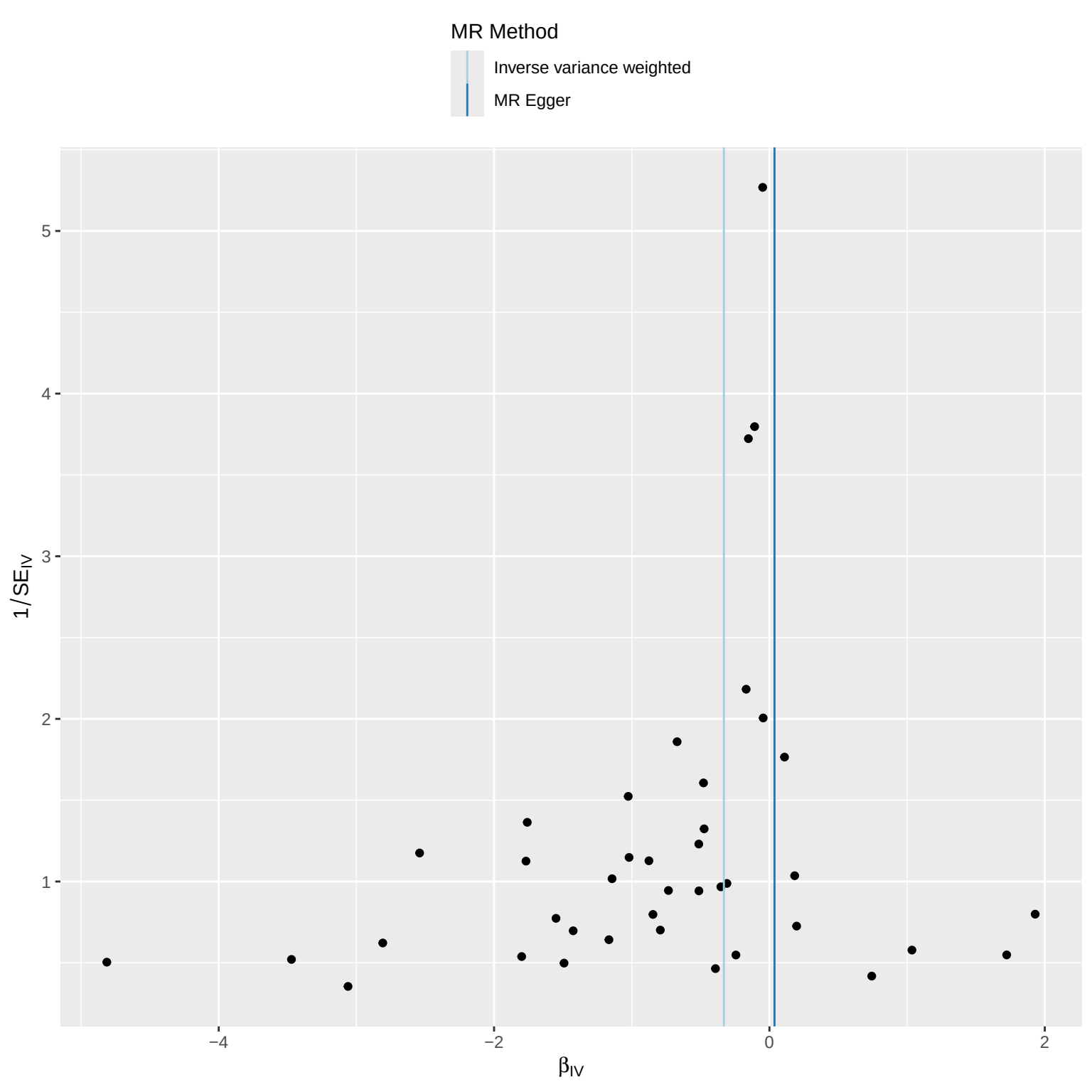

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
1
2
3
β_IV

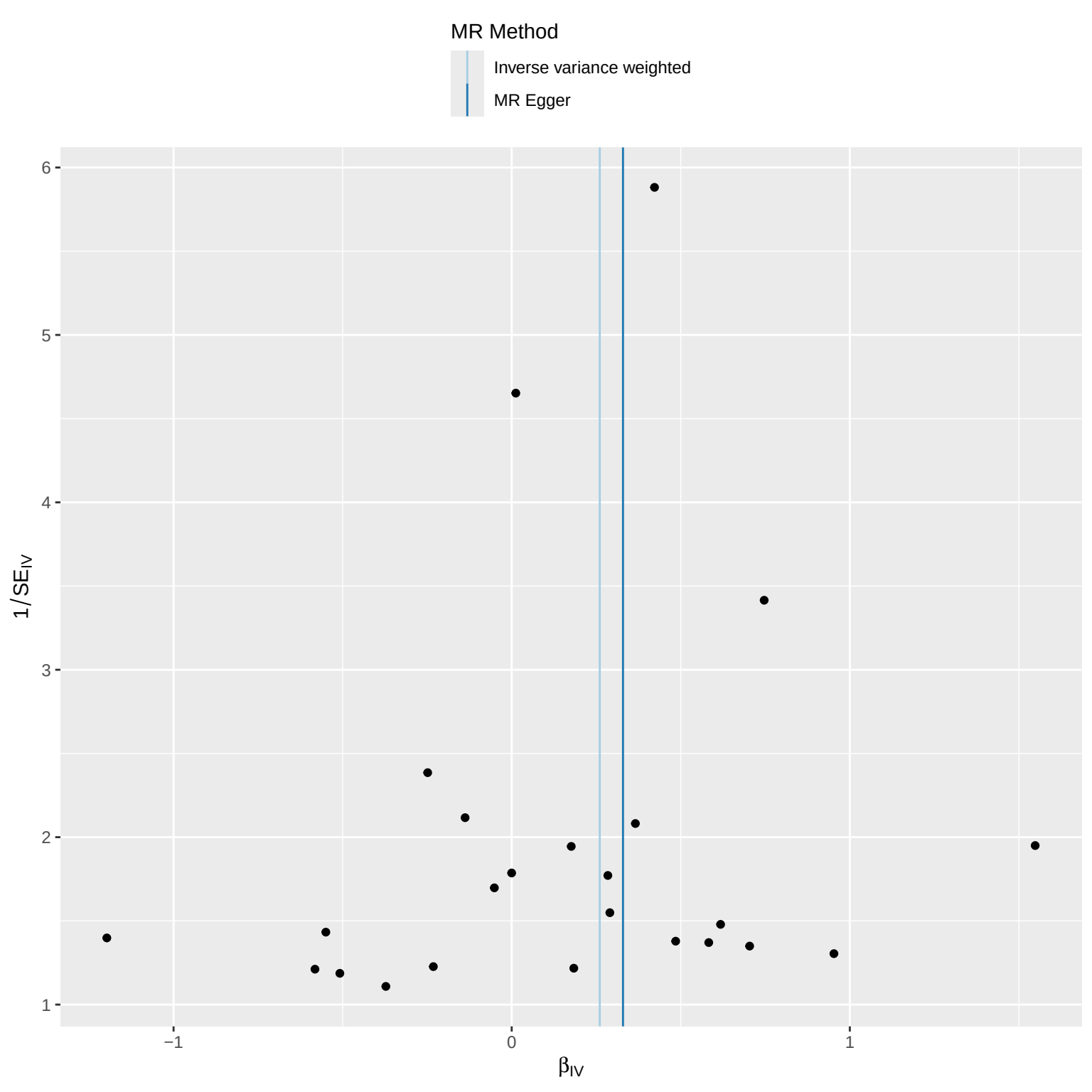

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

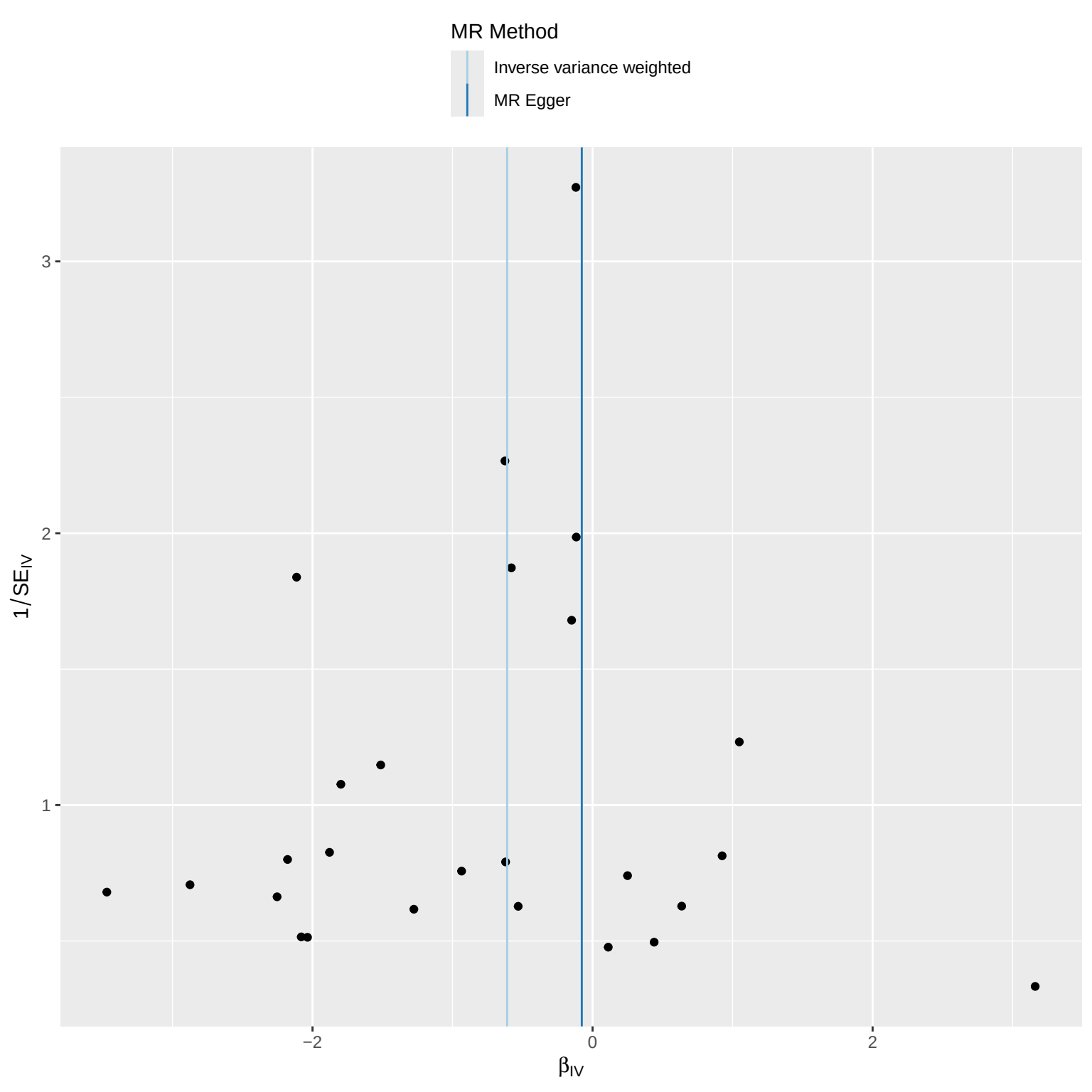

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
β_IV

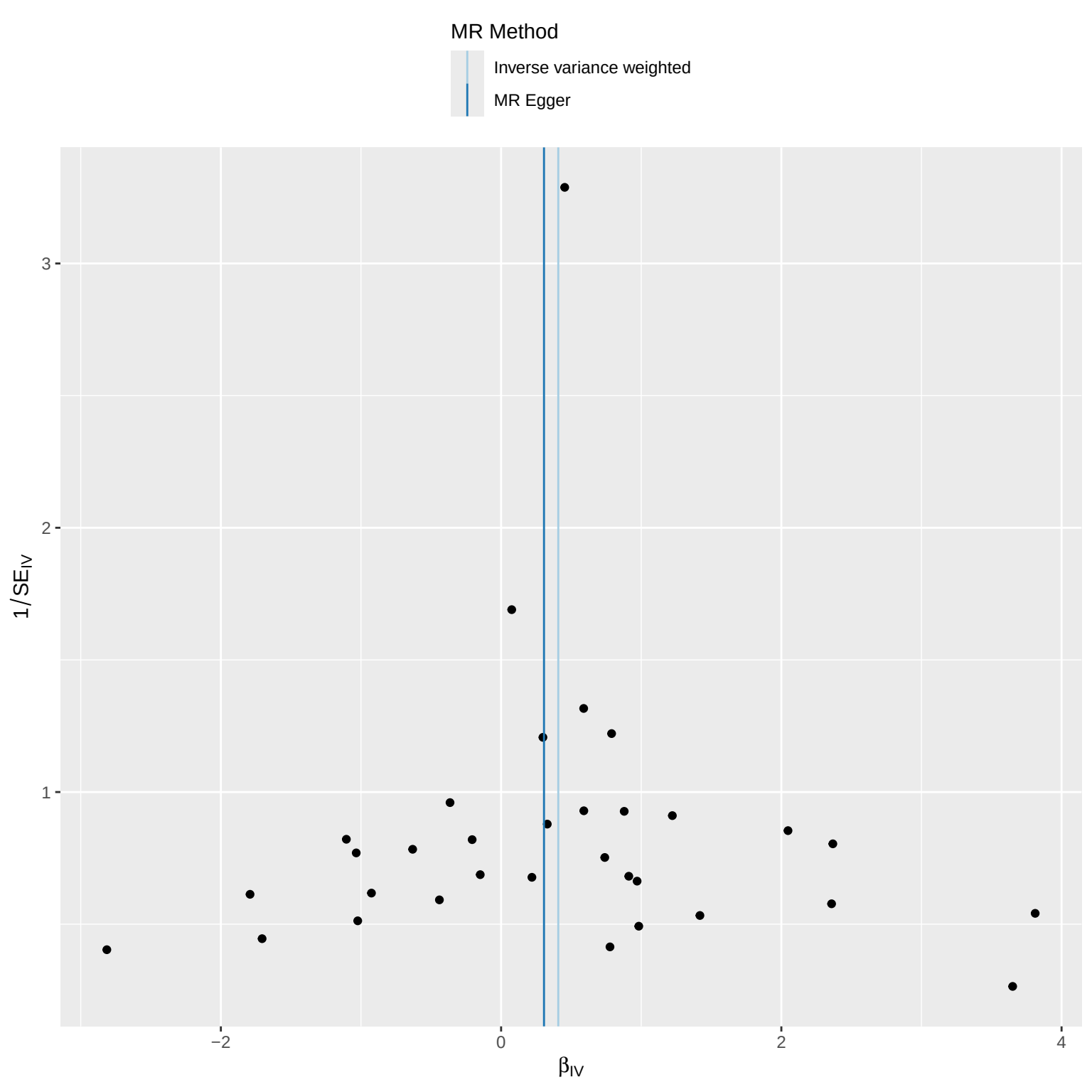

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

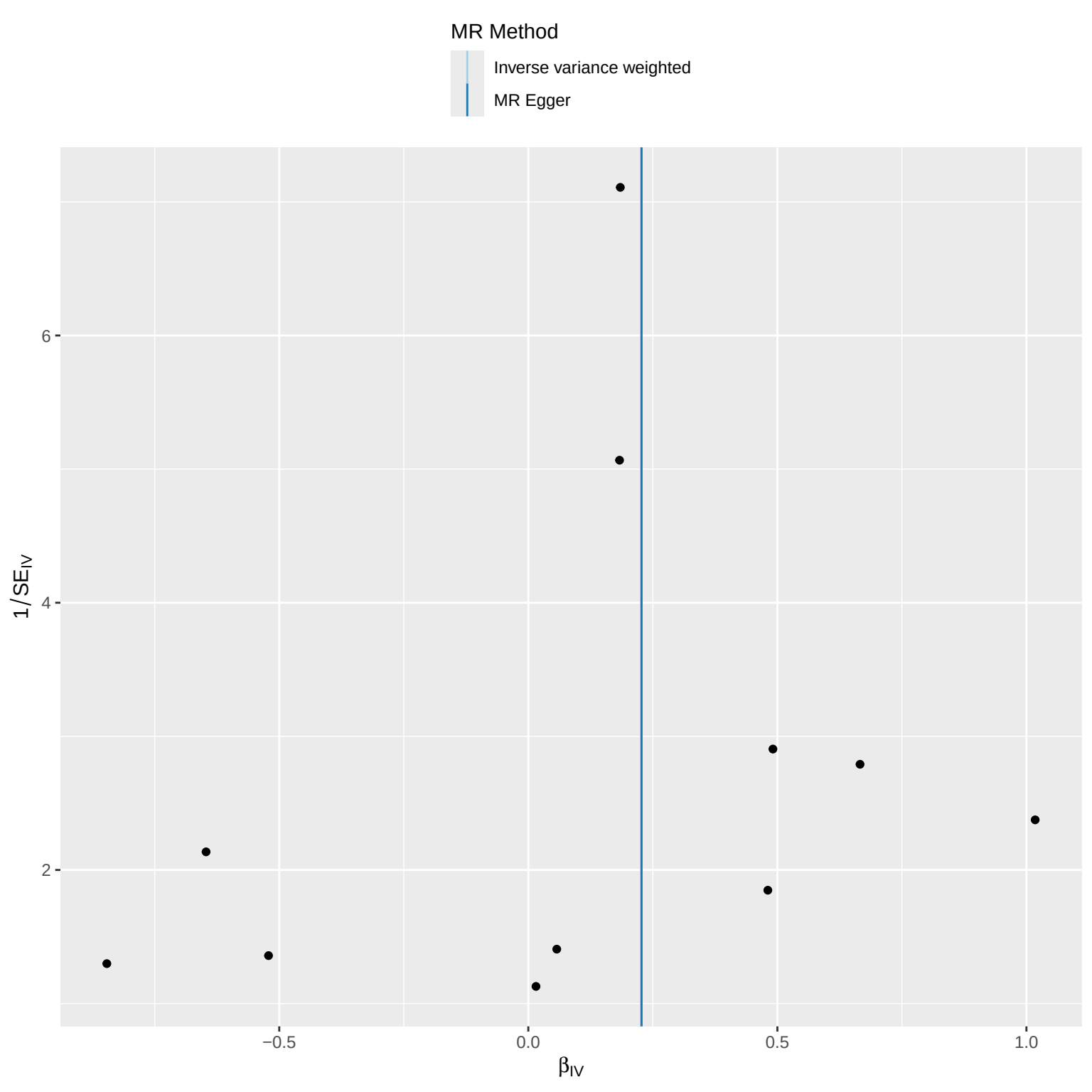

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

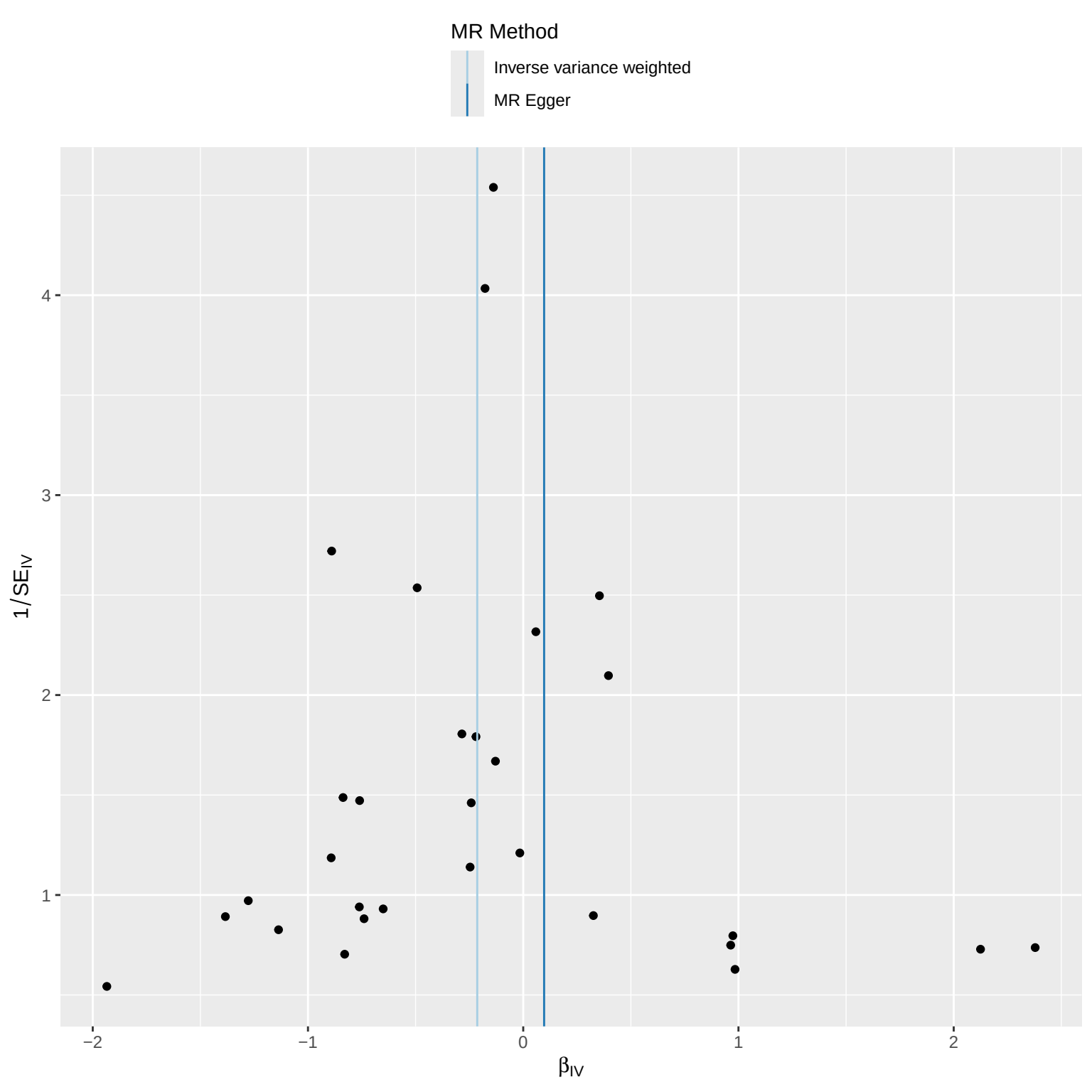

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

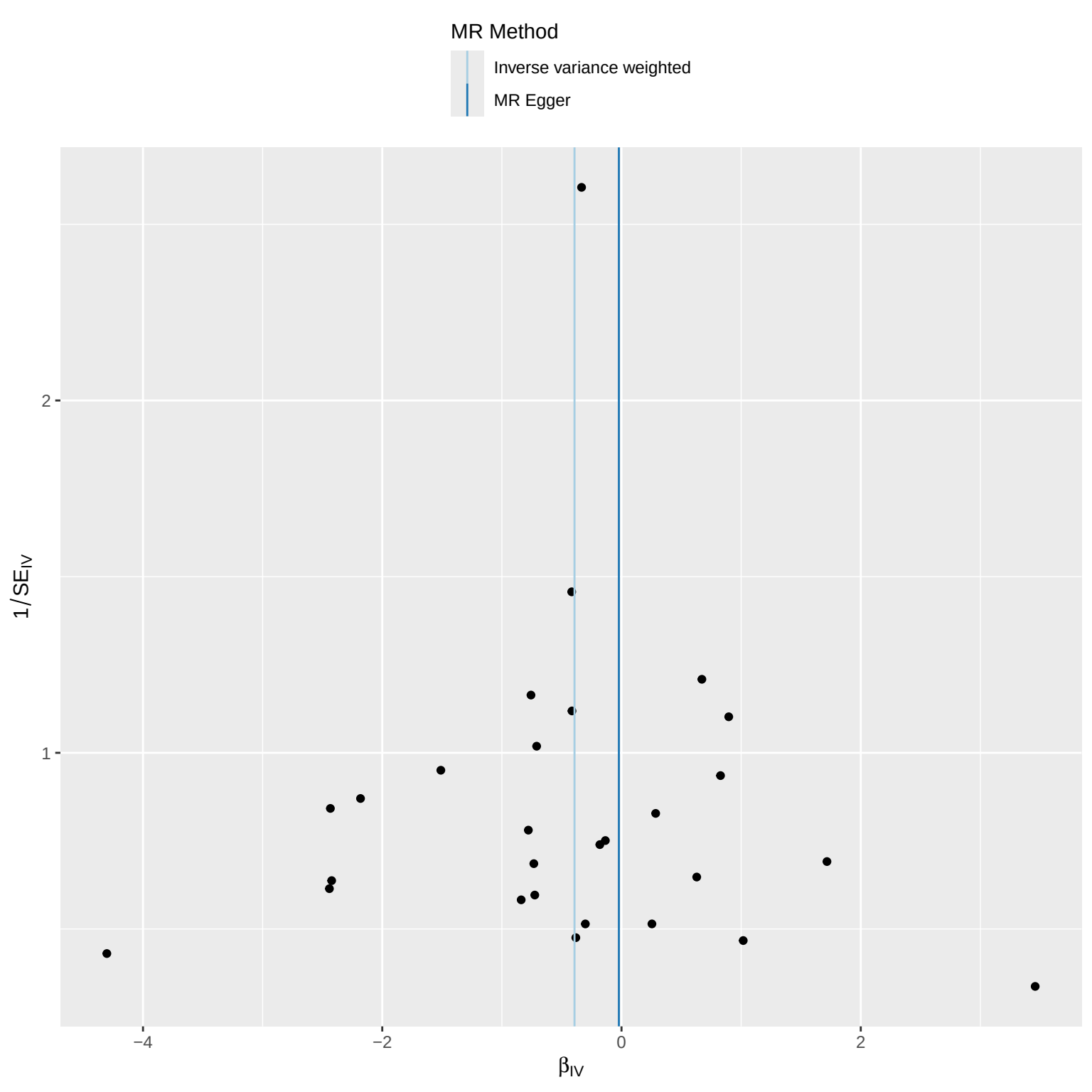

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

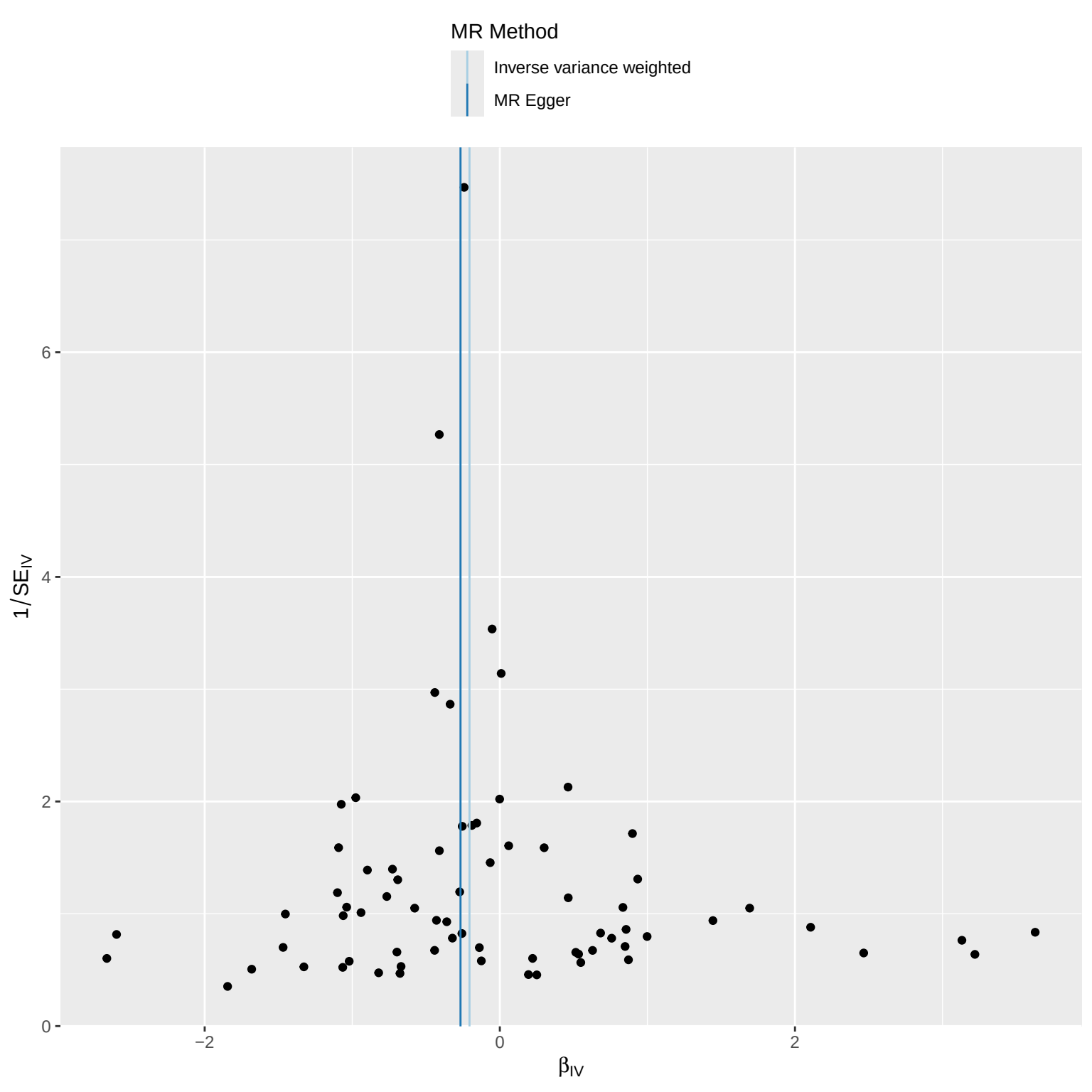

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

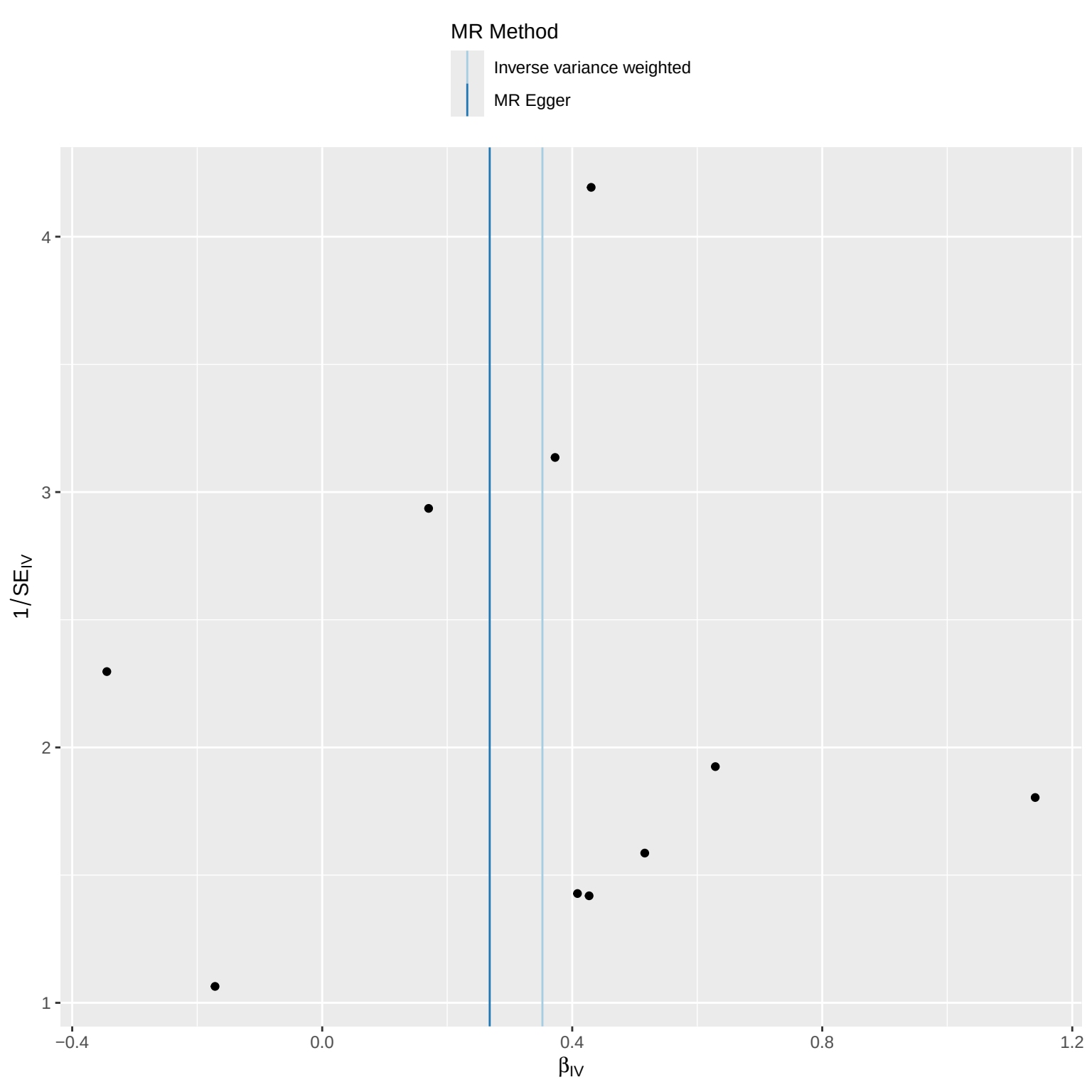

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

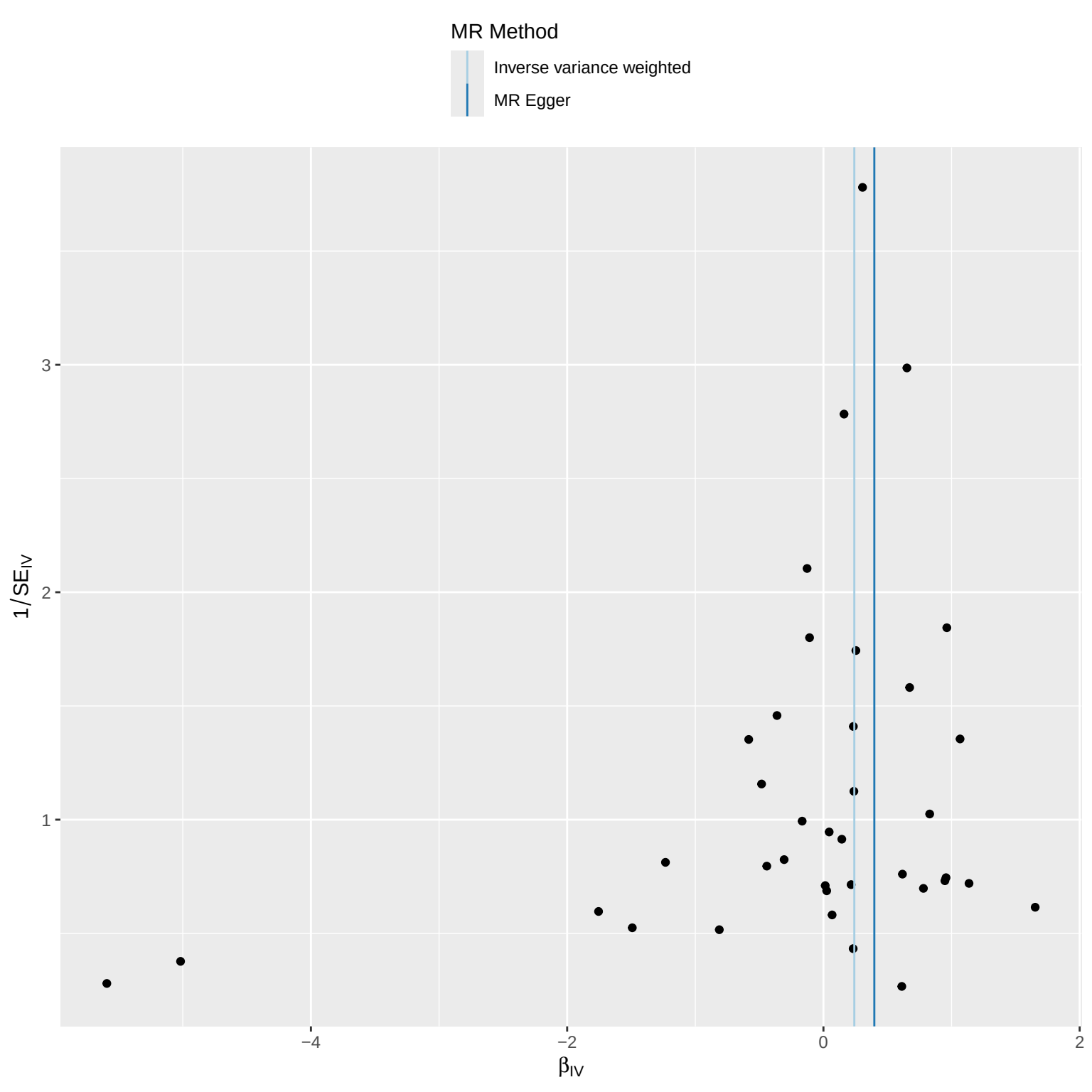

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

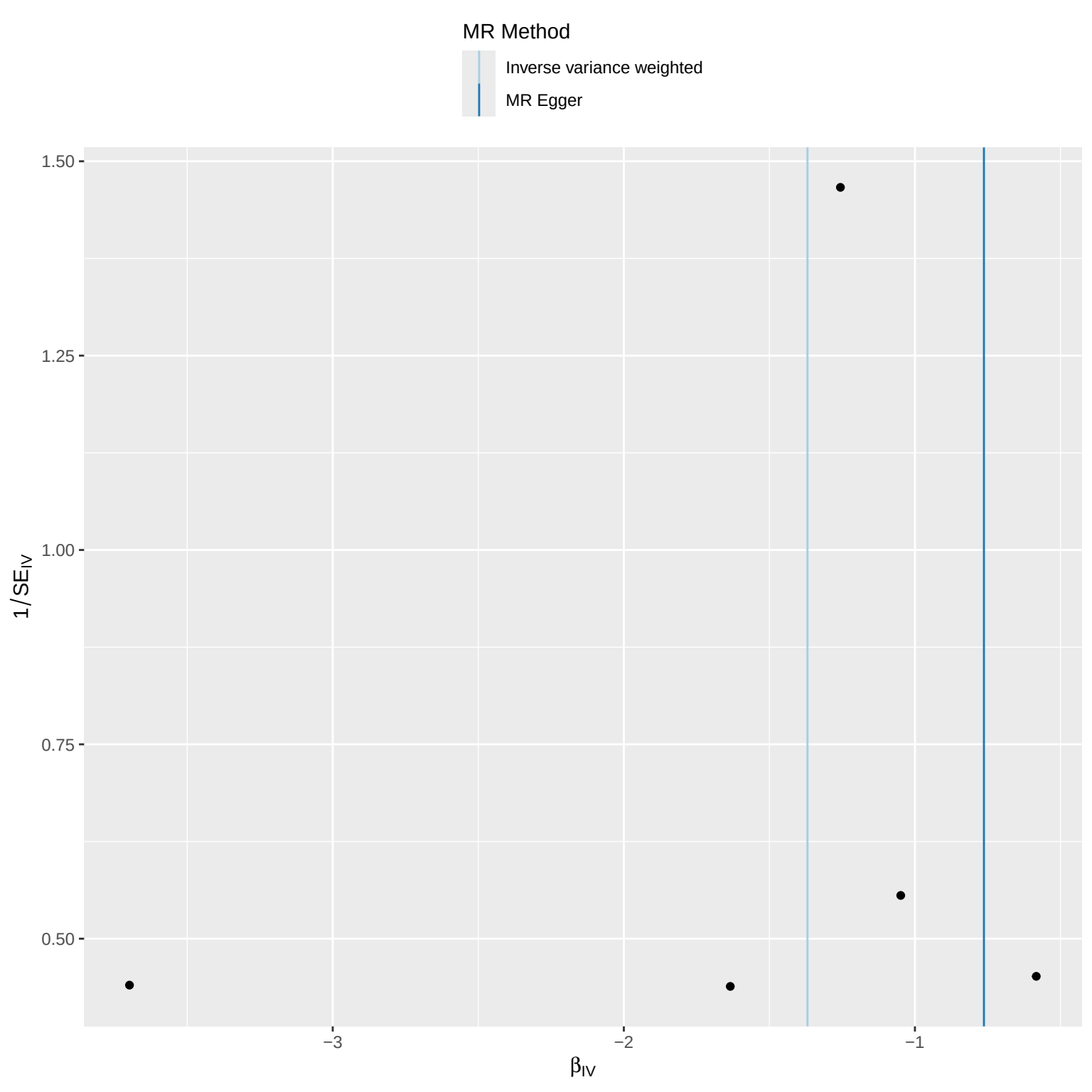

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2

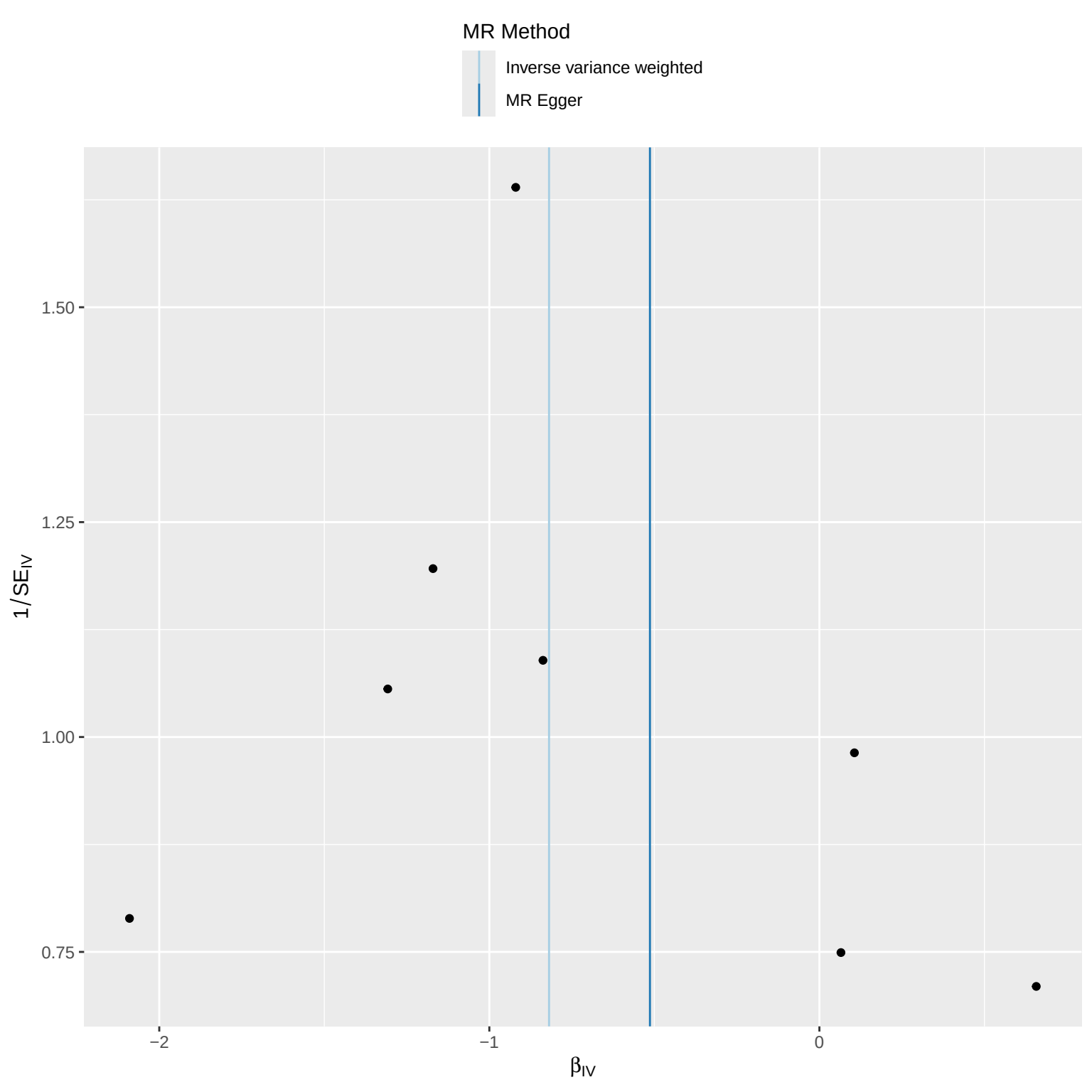

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

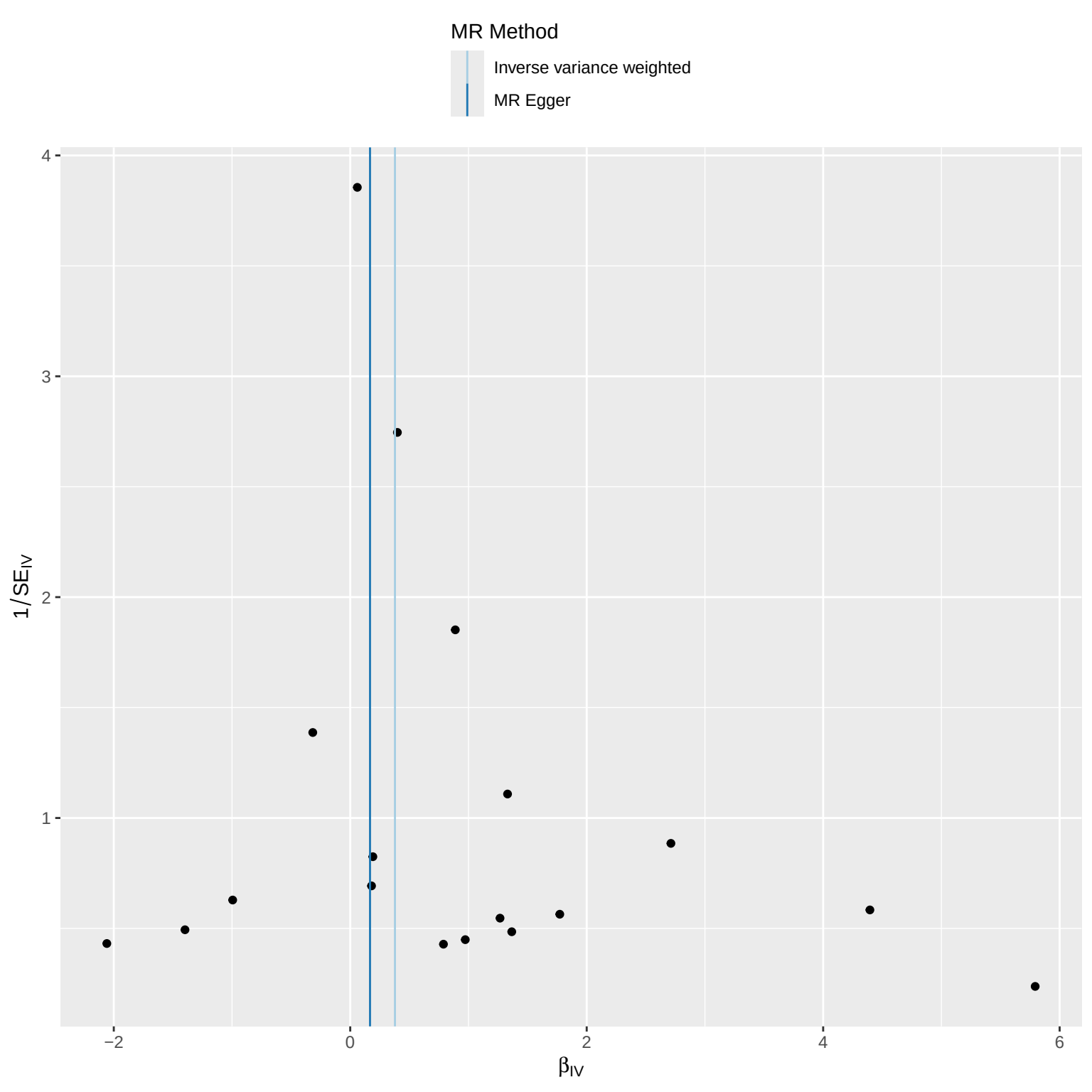

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
6
4
2
0
−2
0
2
β_IV

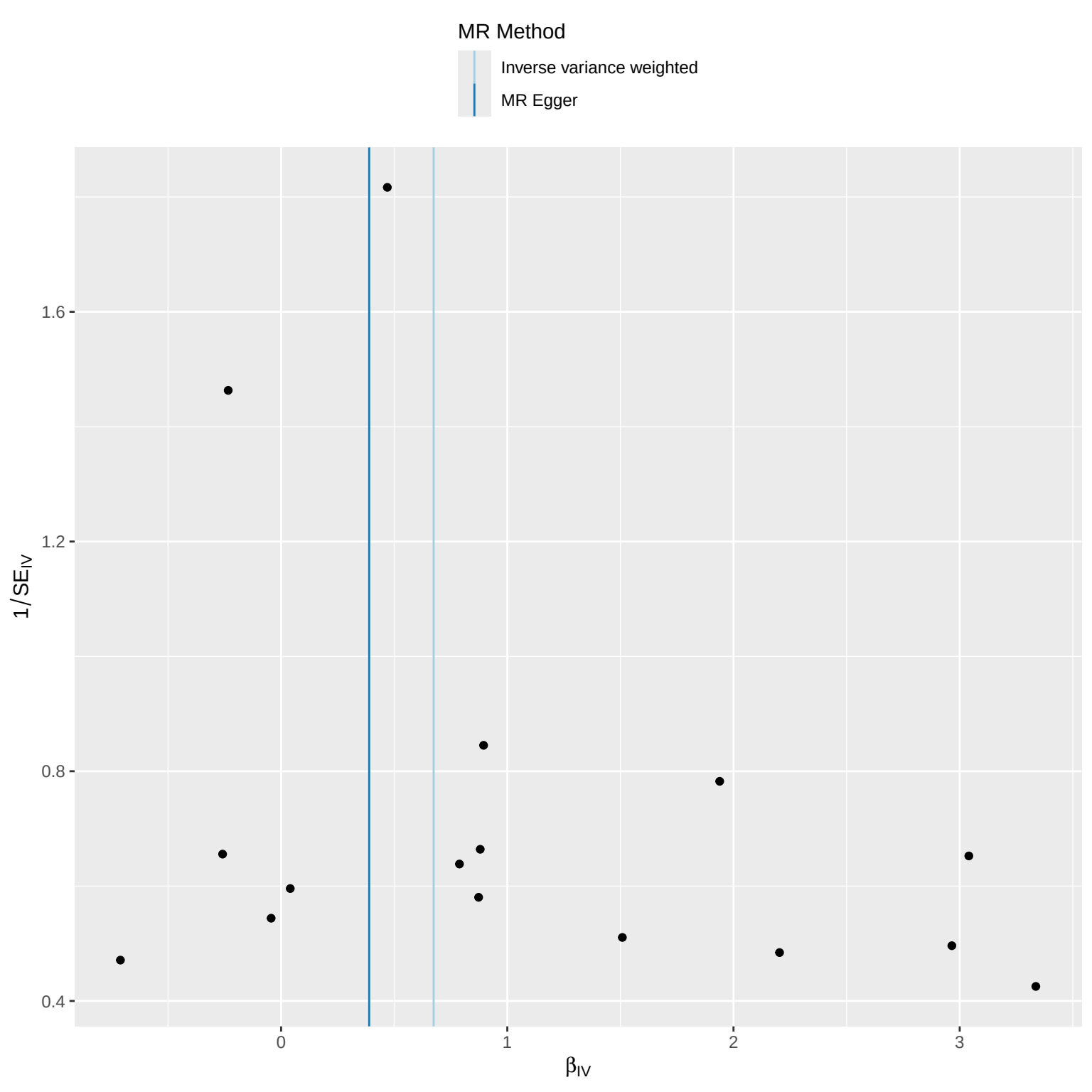

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.4
0.0
0.4
0.8
1.2
β_IV

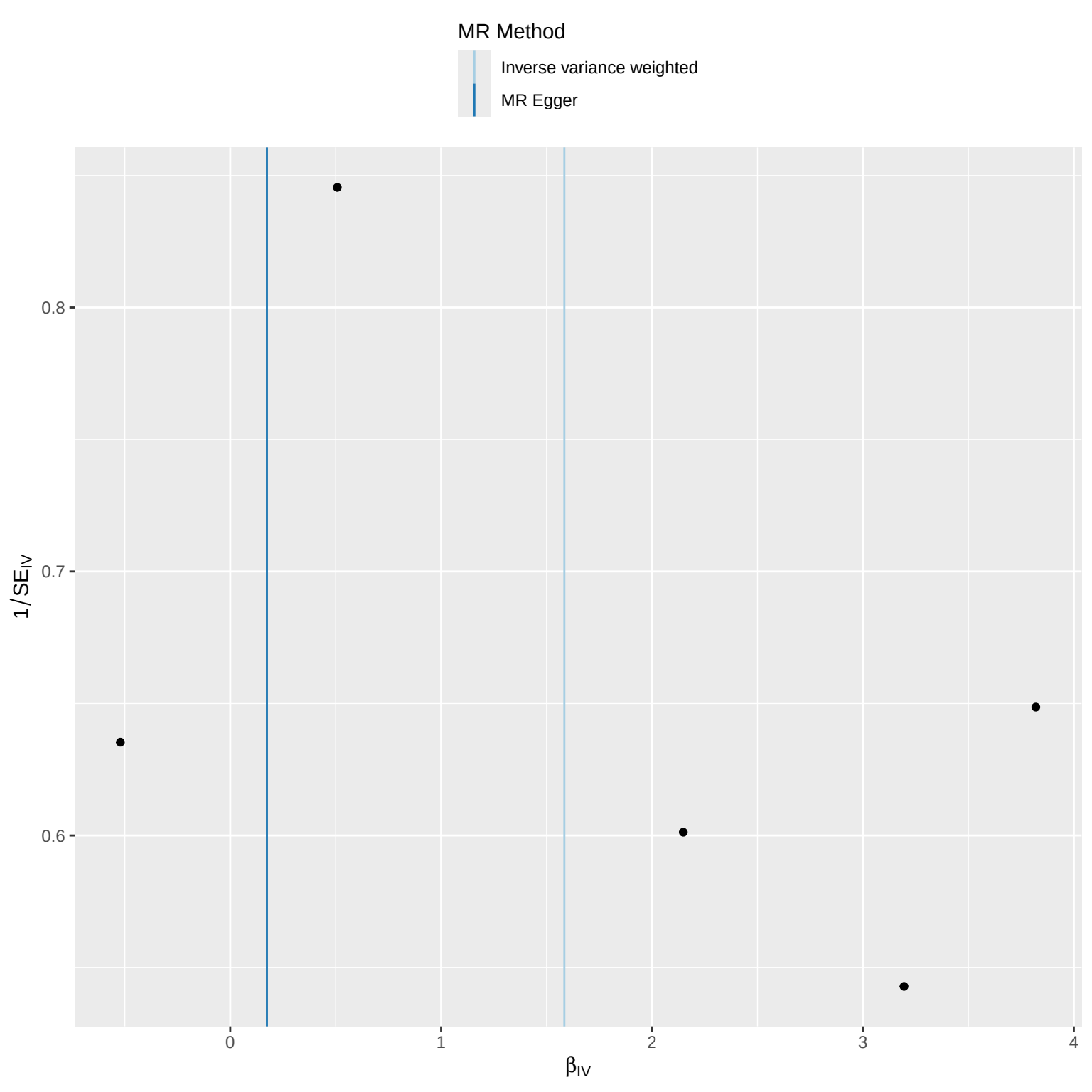

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

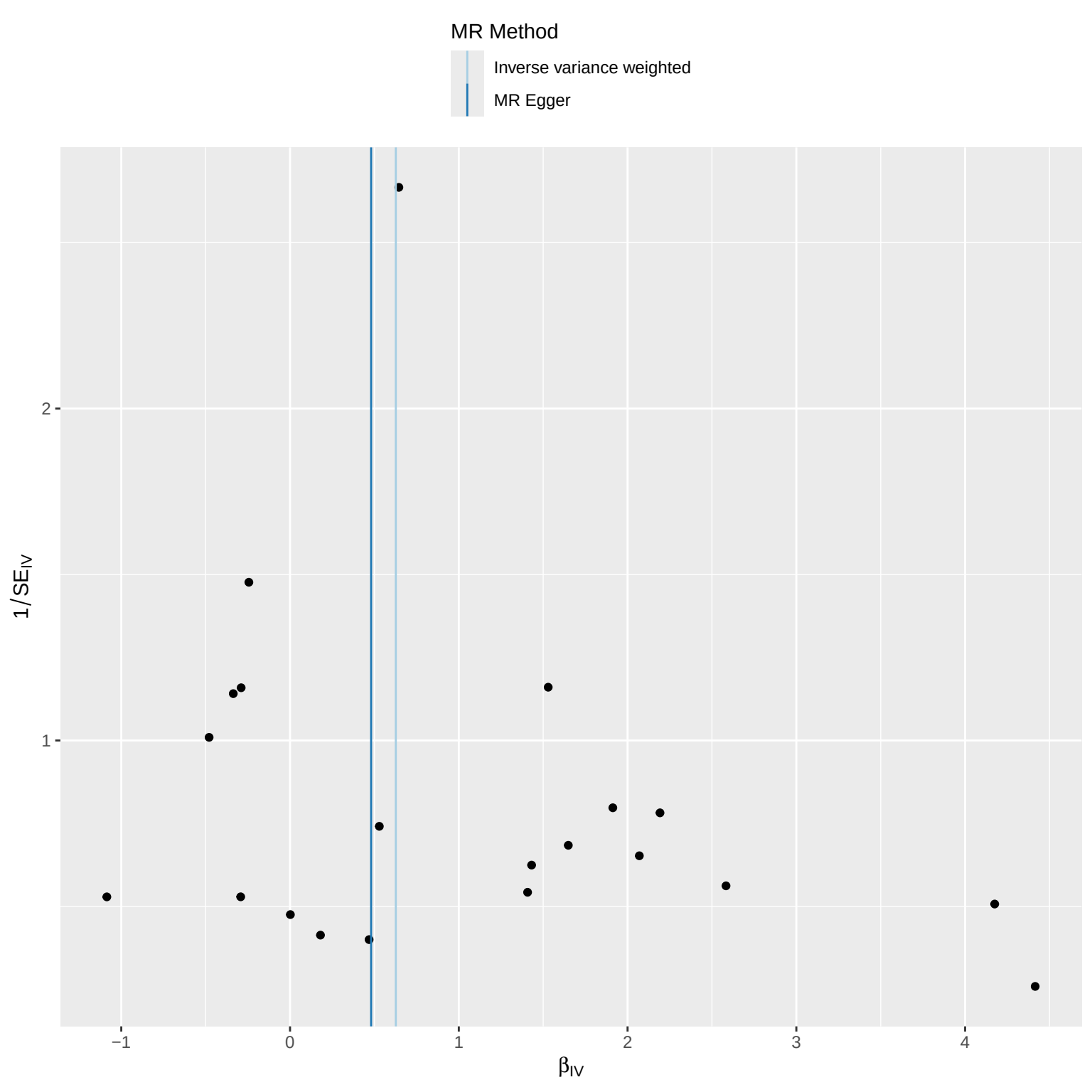

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
β_IV

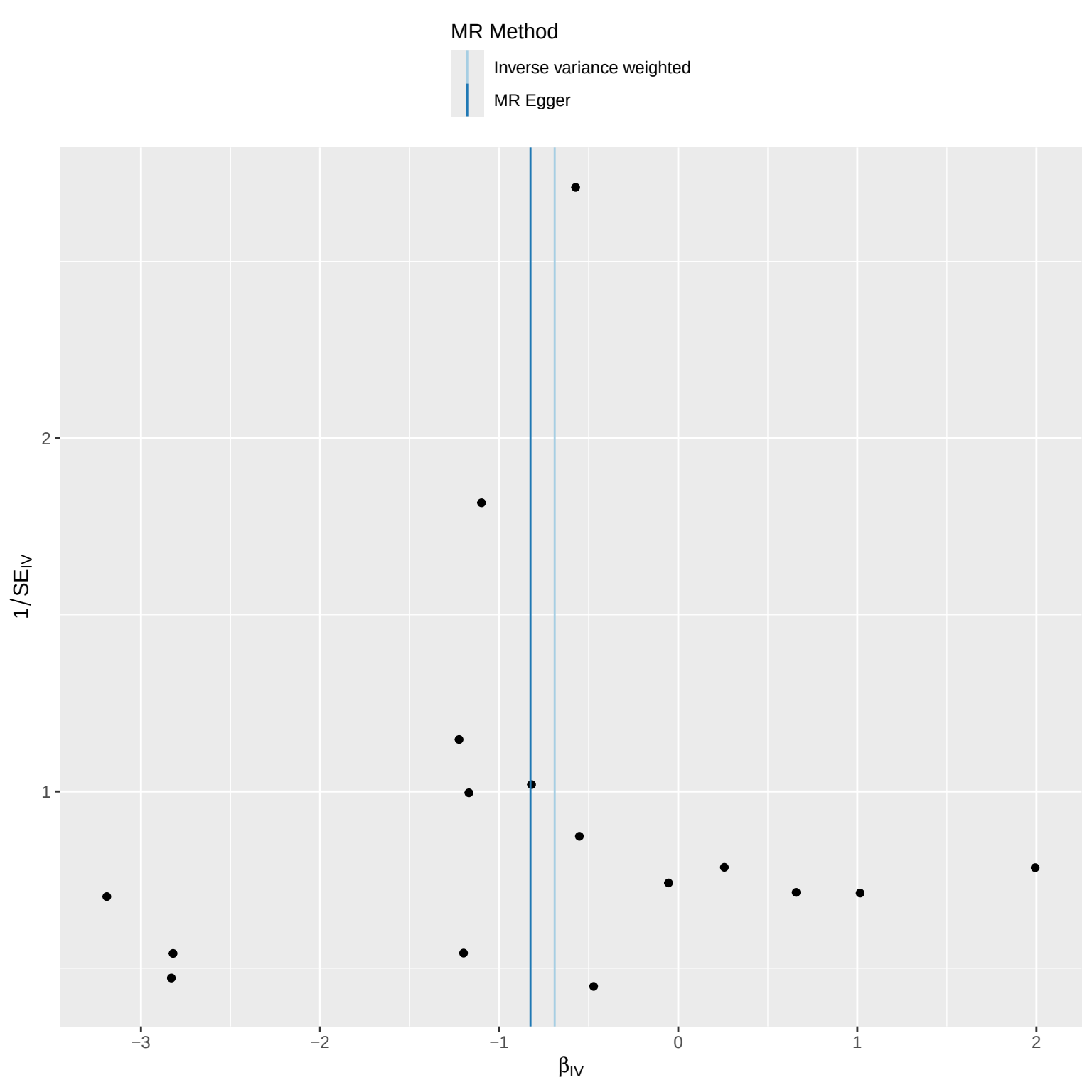

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
β_IV

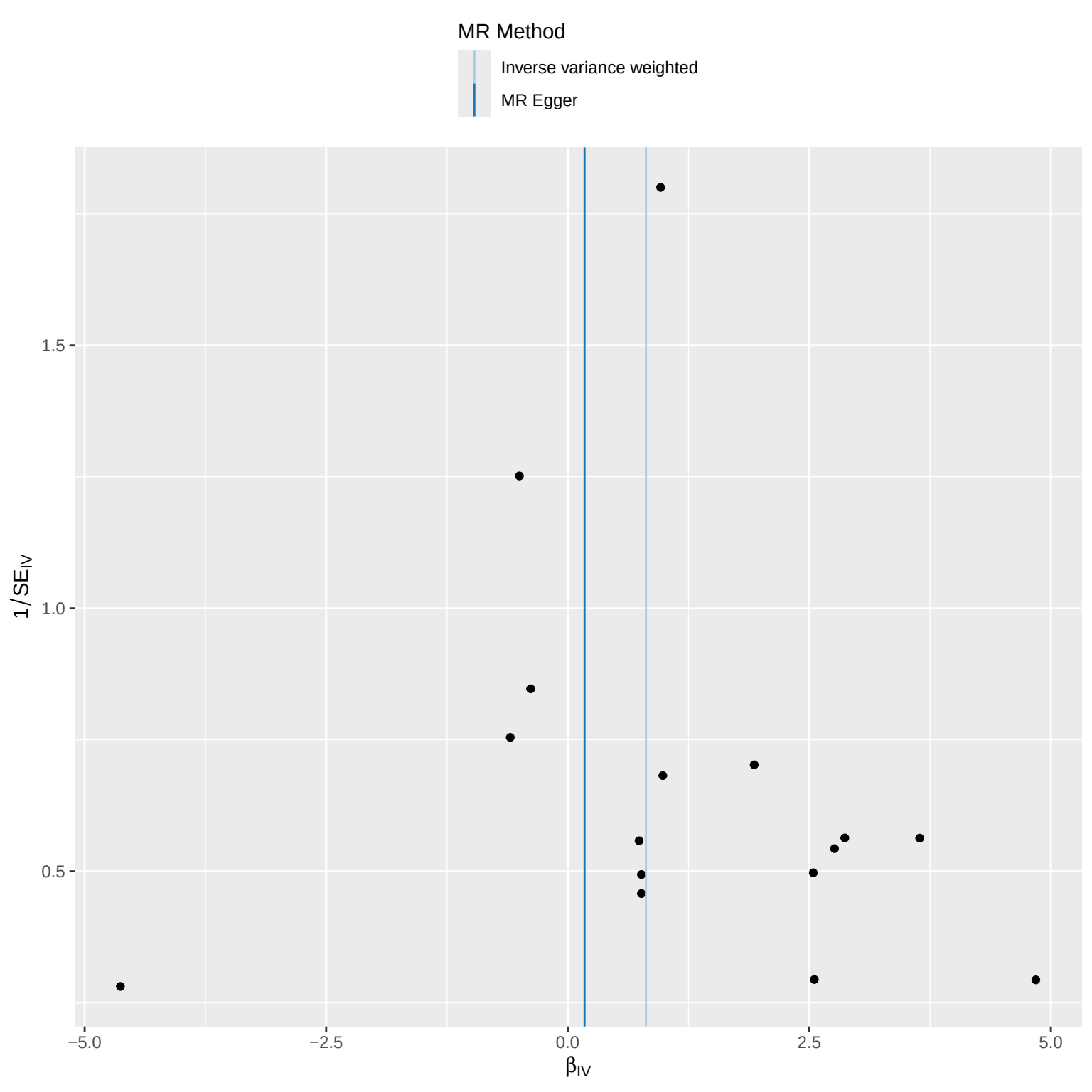

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

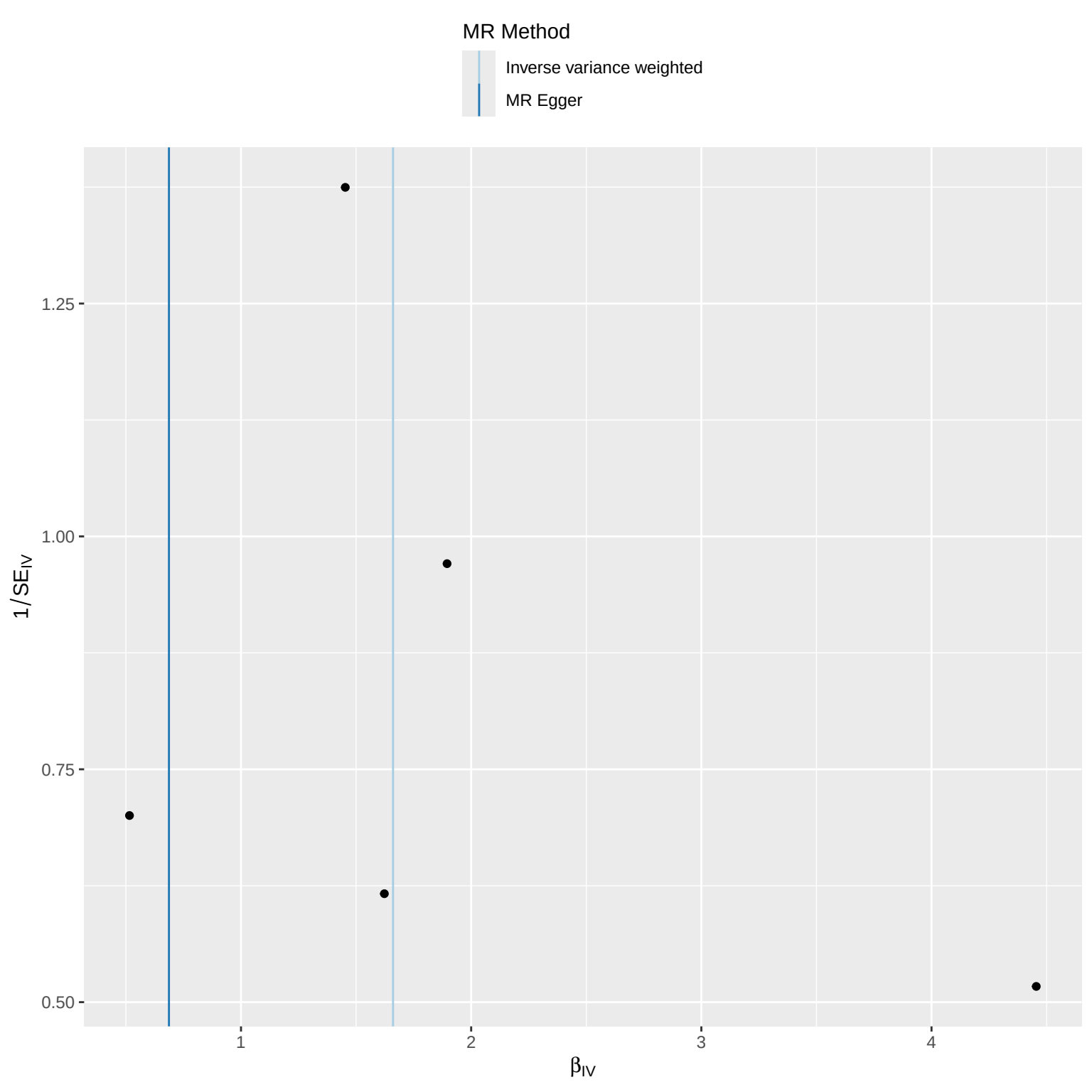

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
1
2
3
β_IV

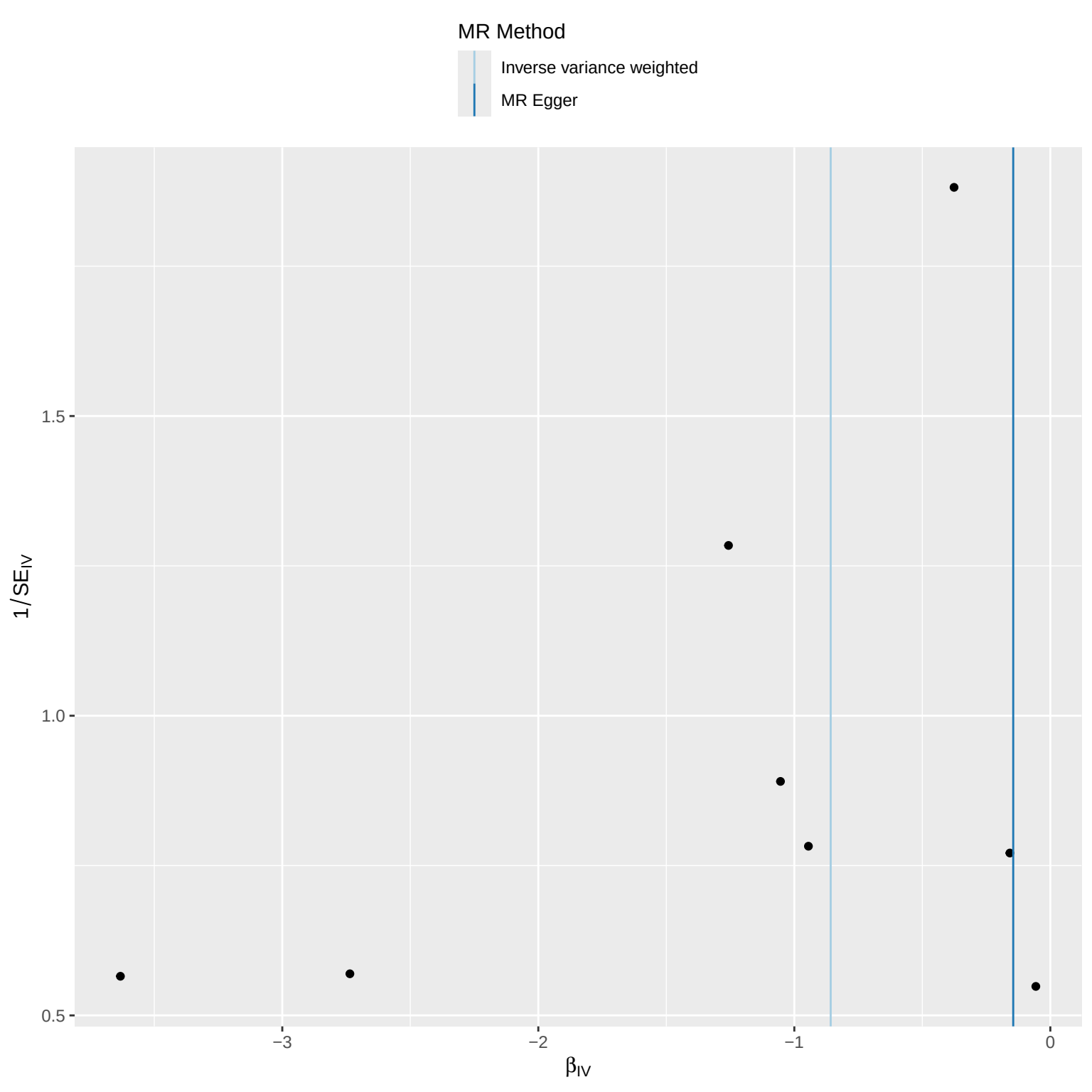

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
1/SE_IV
0
1
2
3
4
β_IV

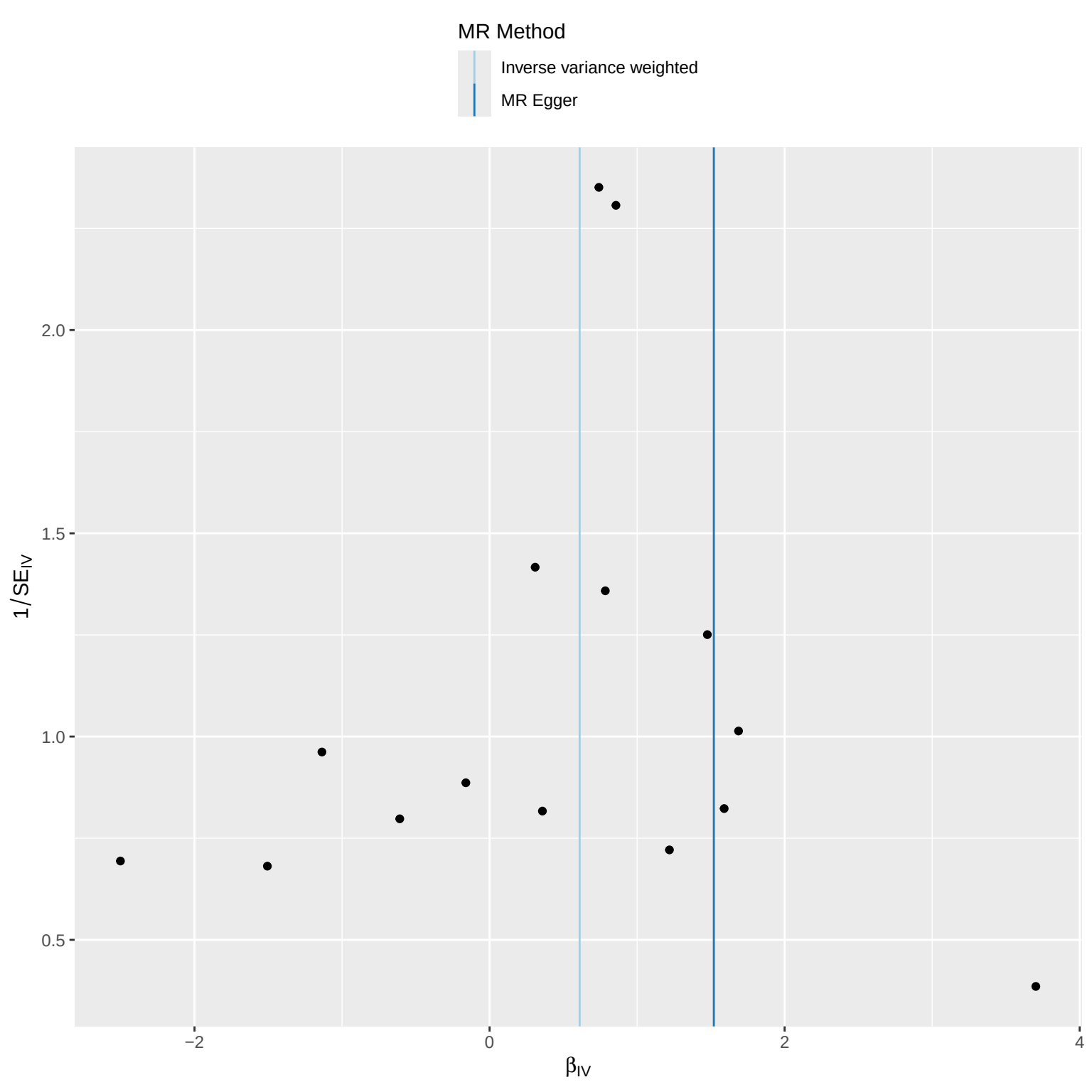

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

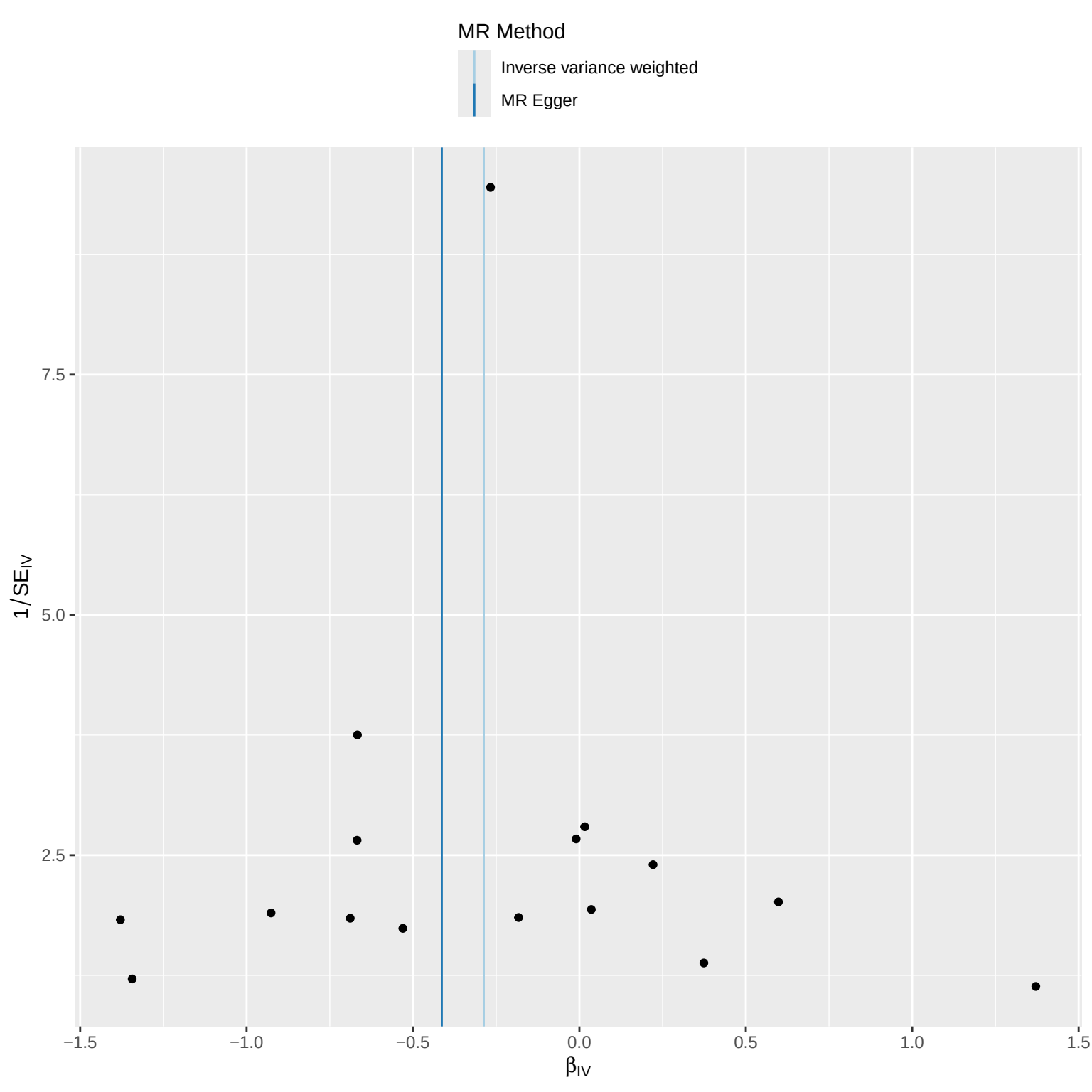

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

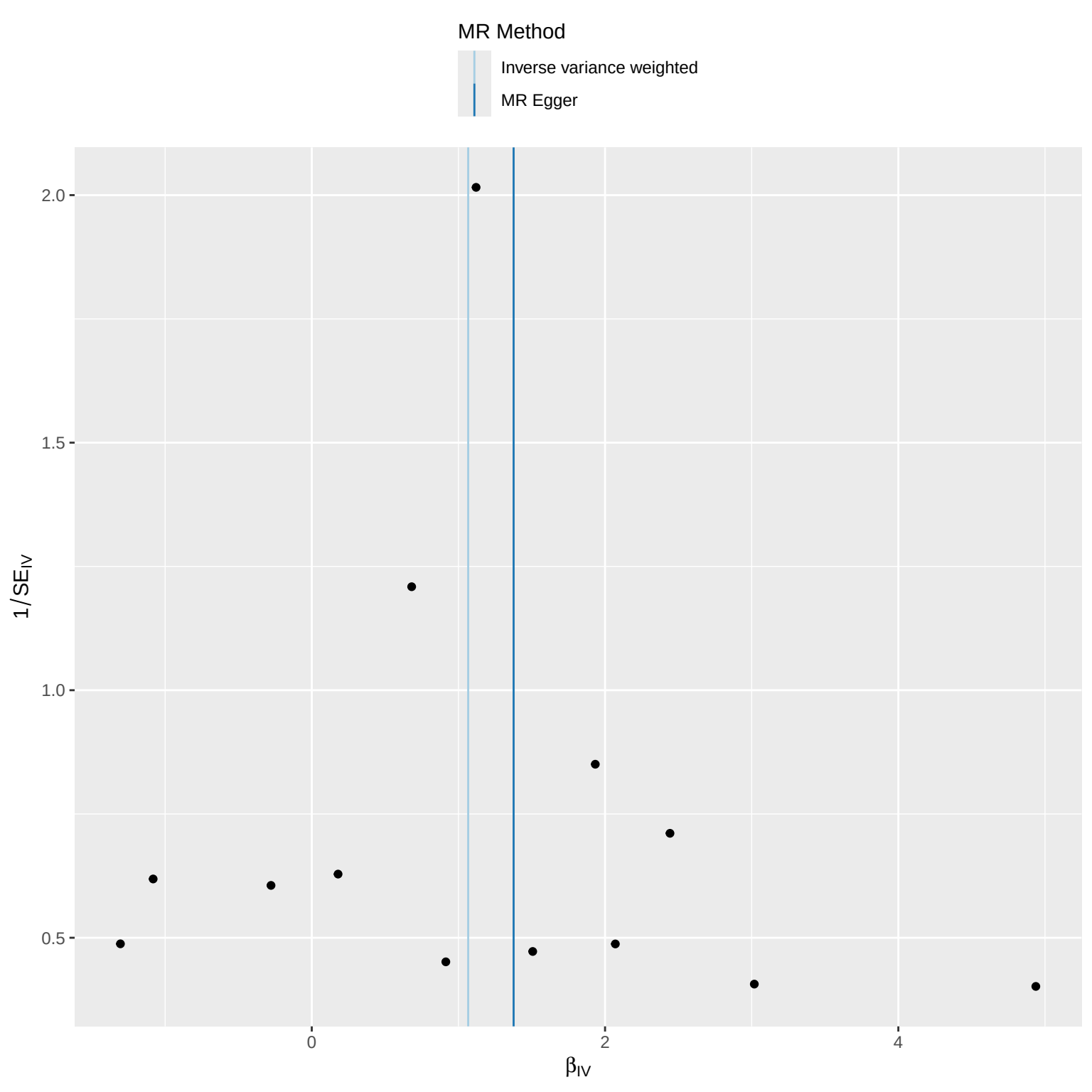

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

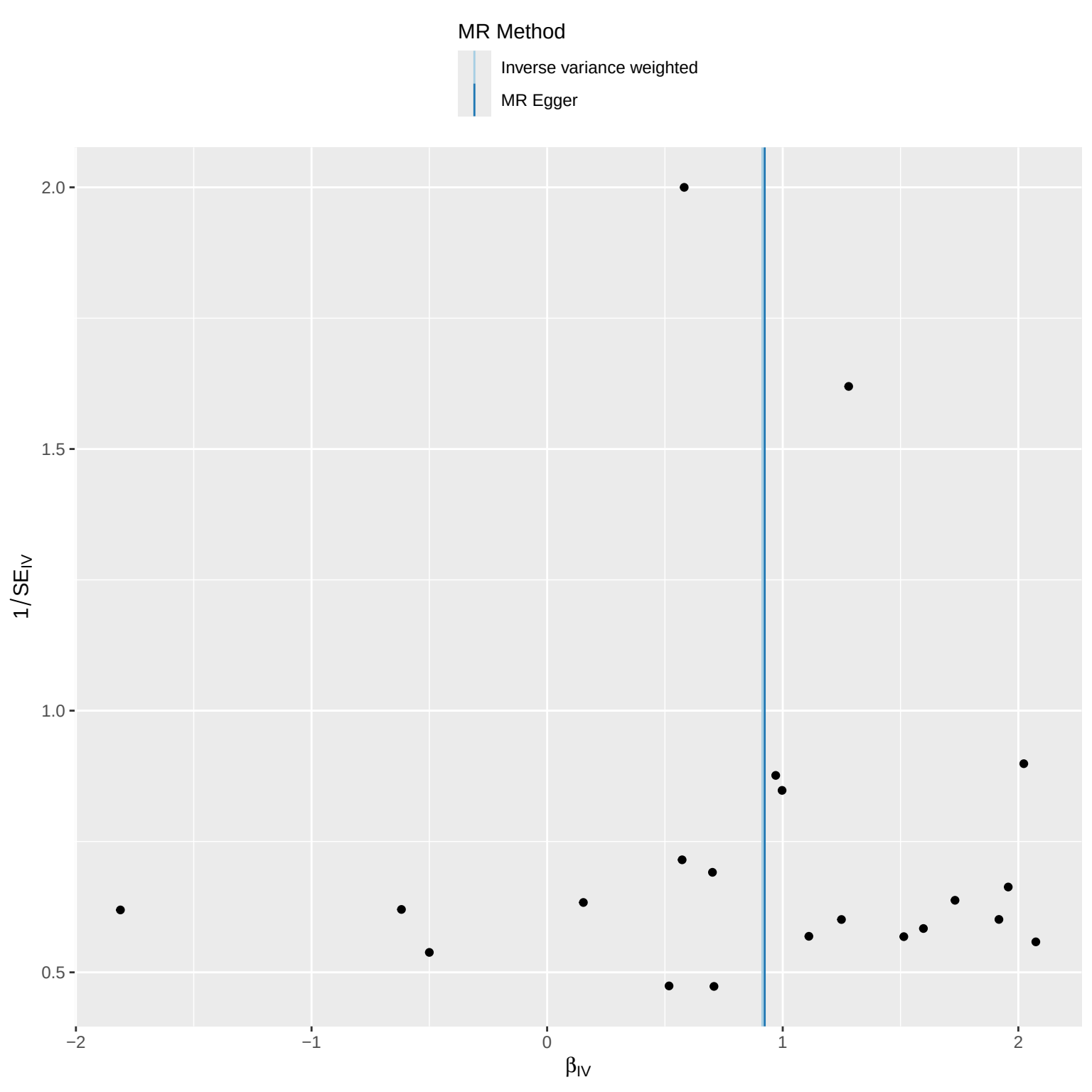

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
1
2
3
4
β_IV

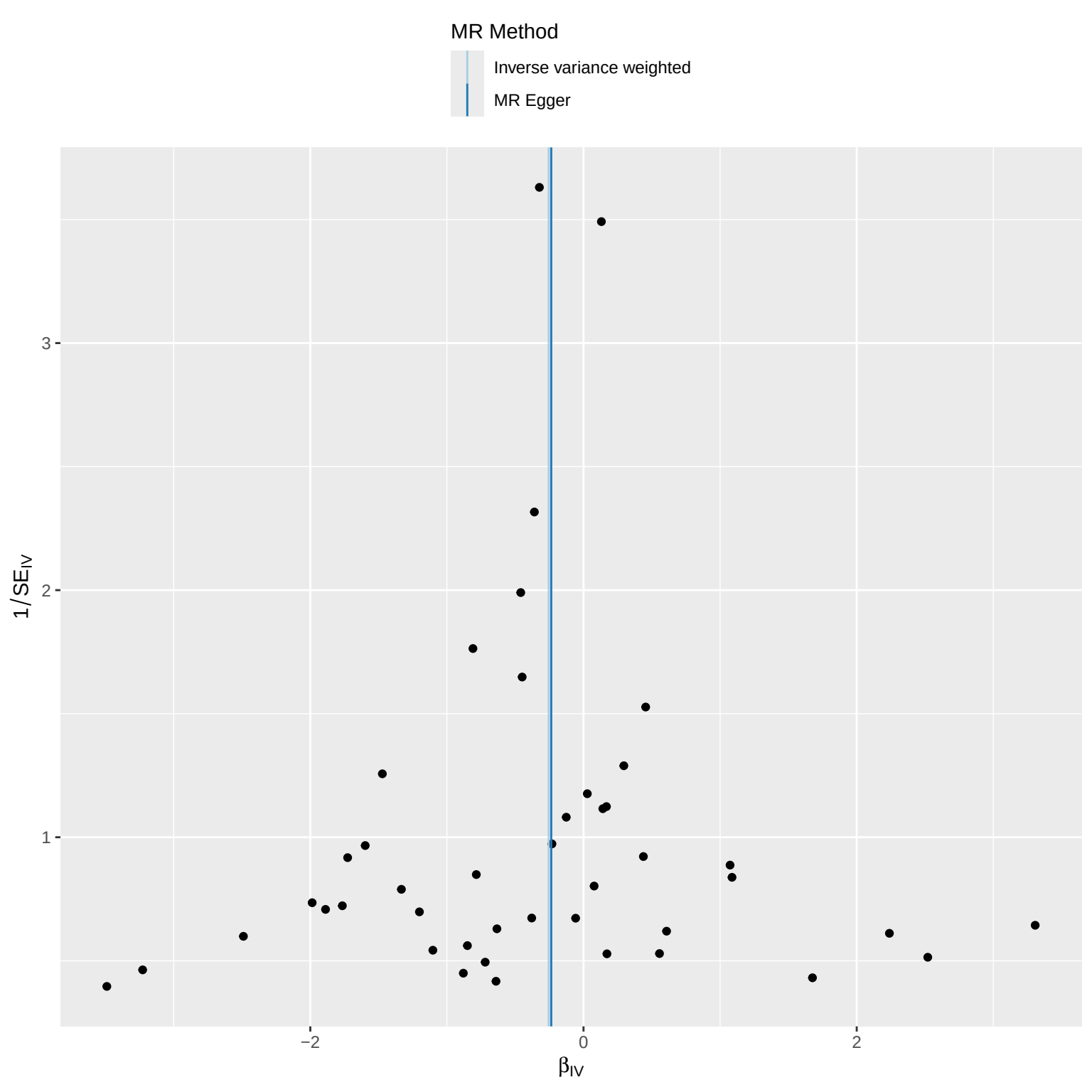

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

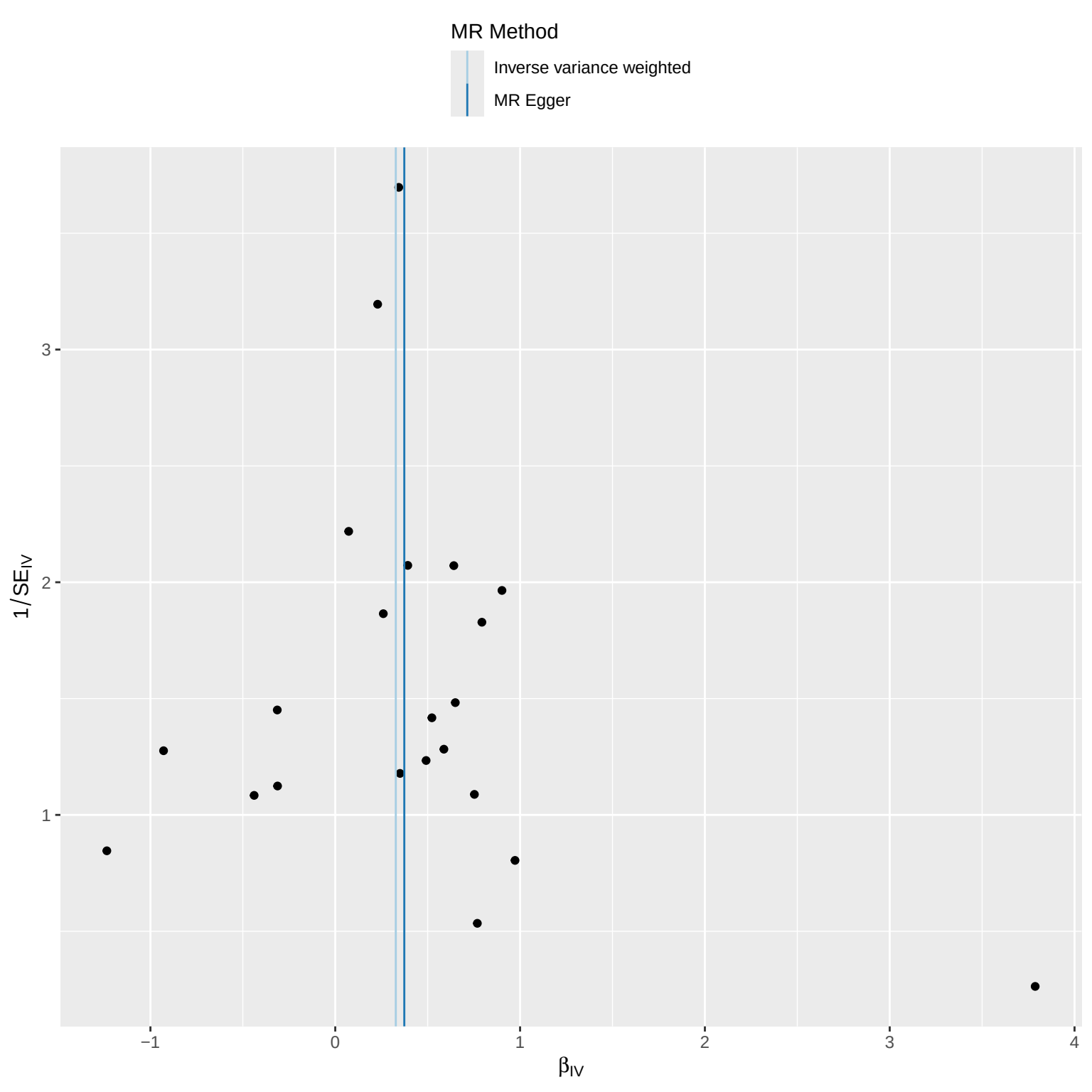

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

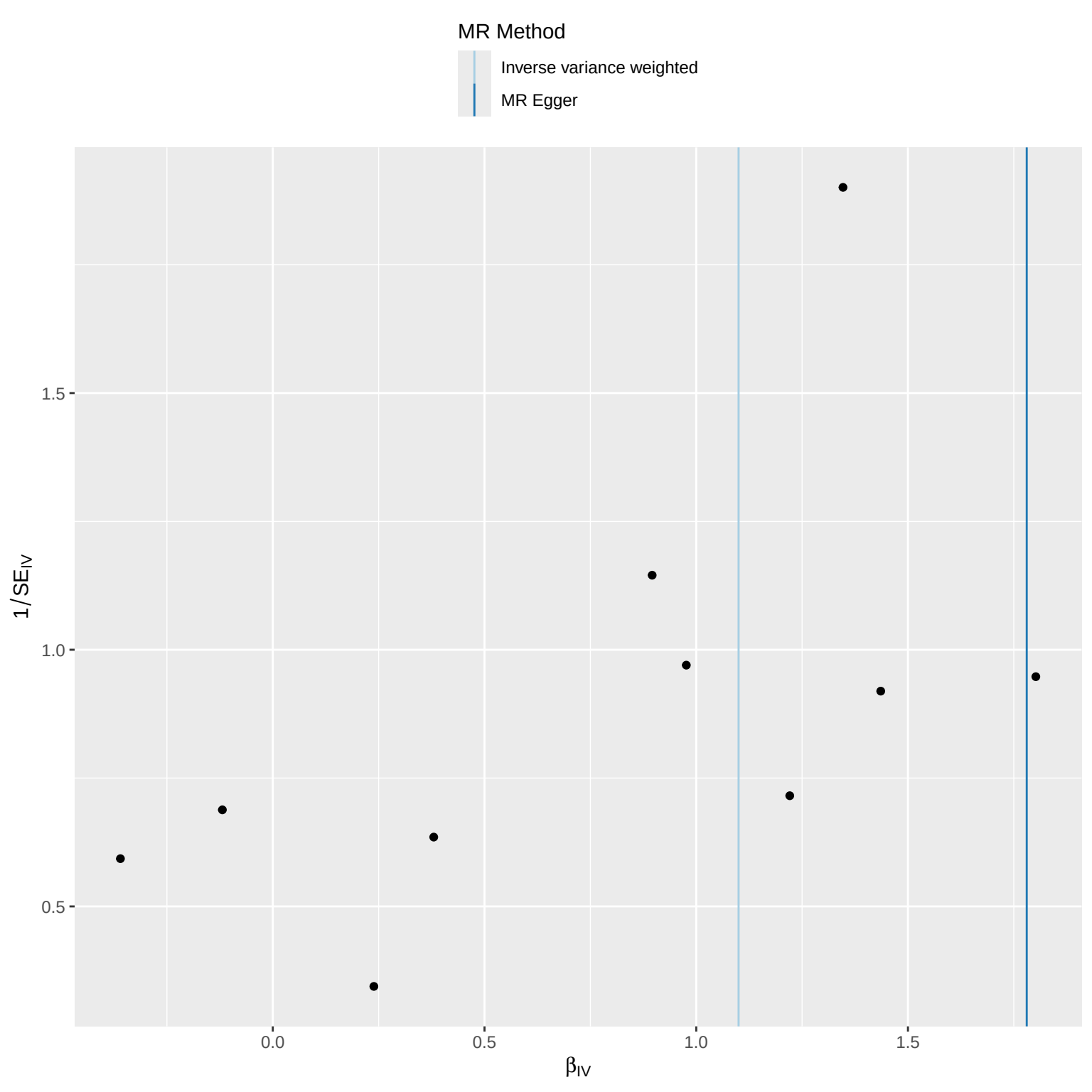

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

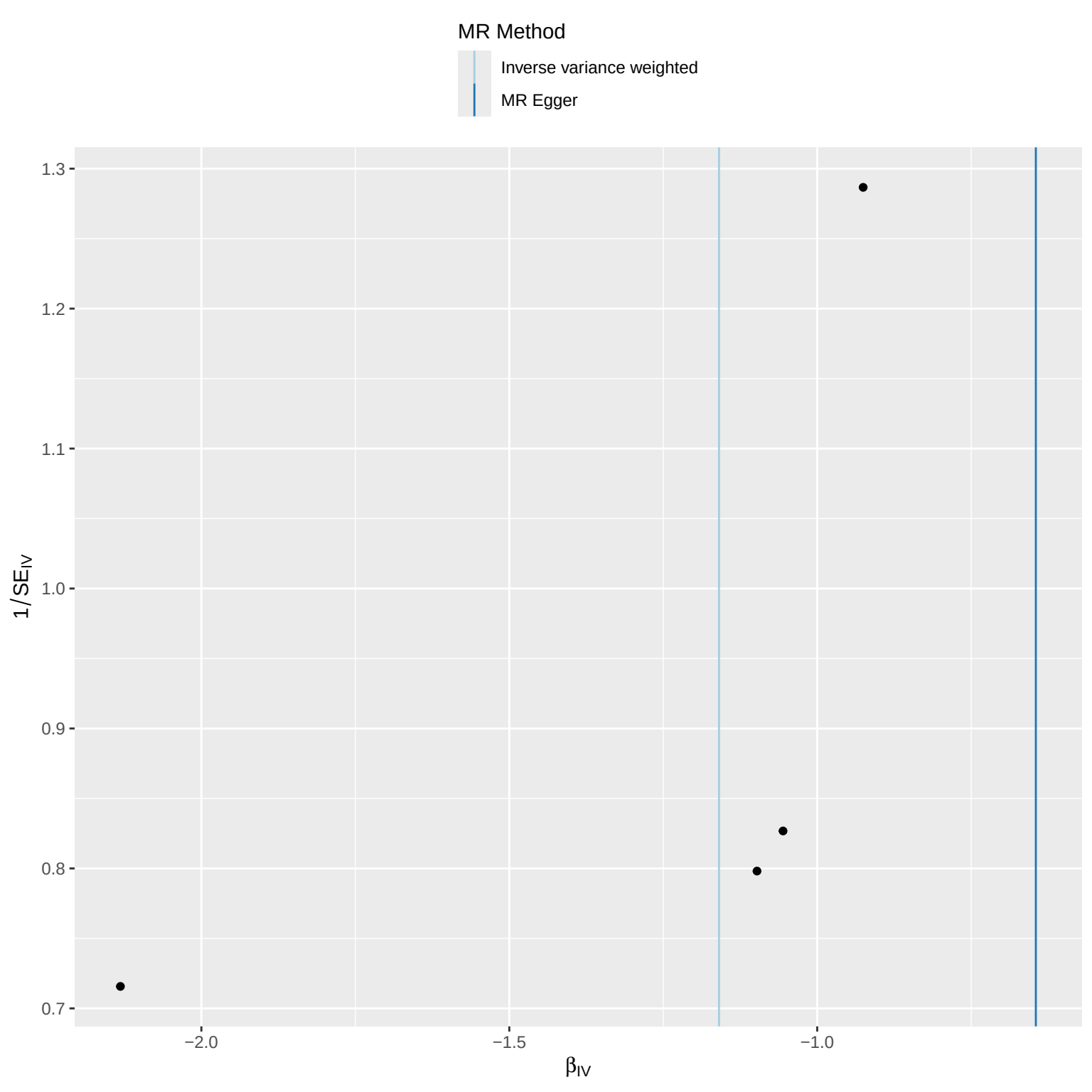

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

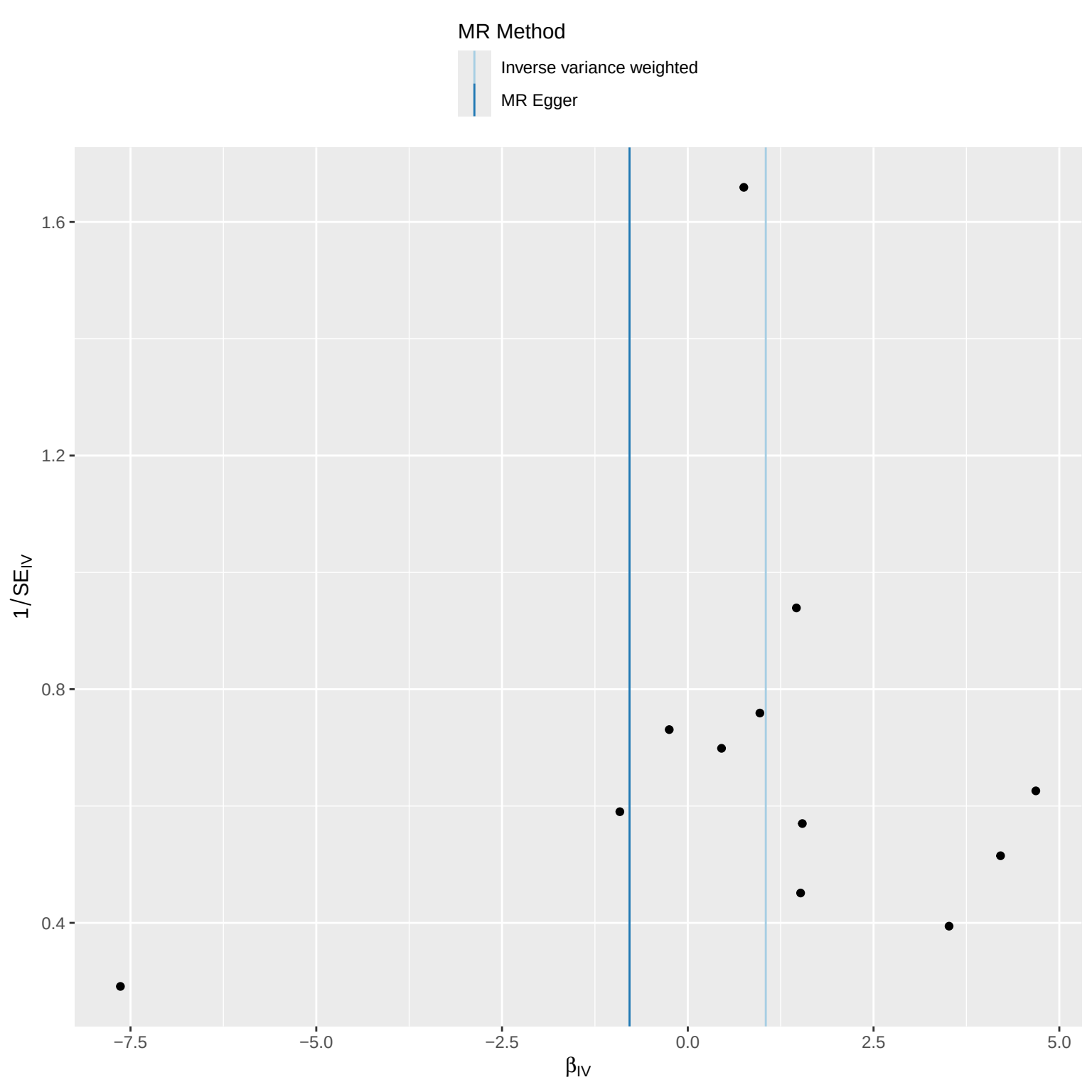

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

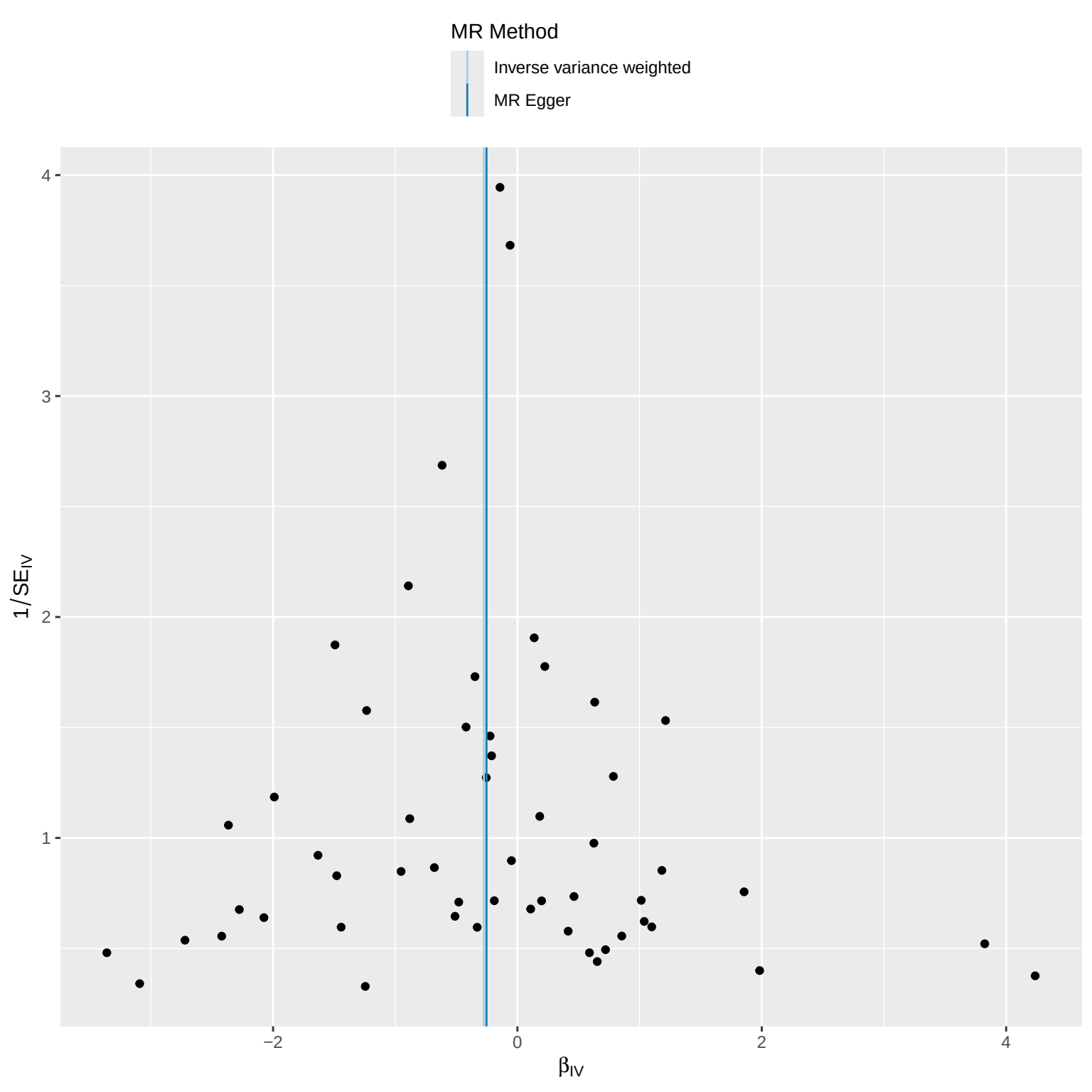

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

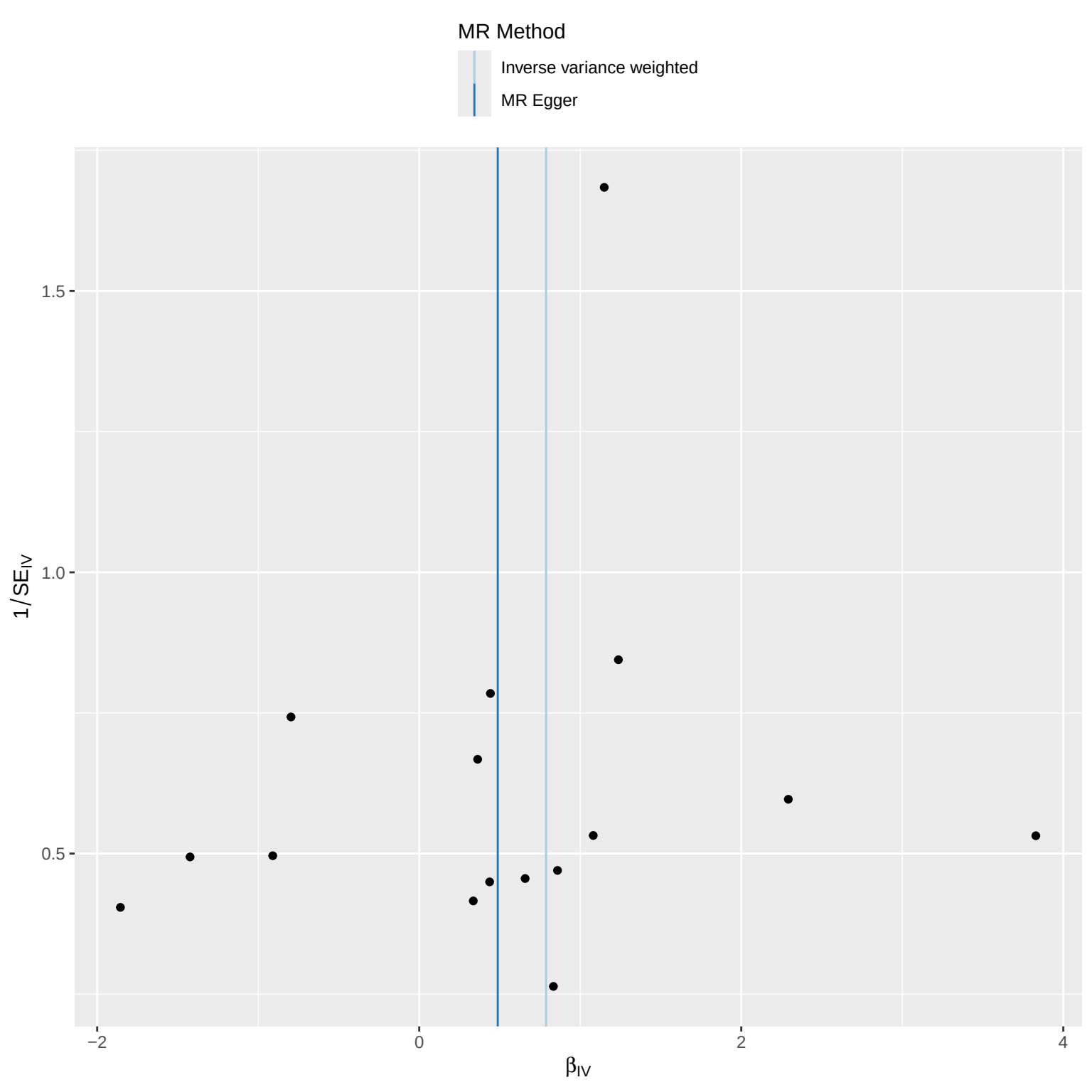

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−1
0
1
2
3
4
β_IV

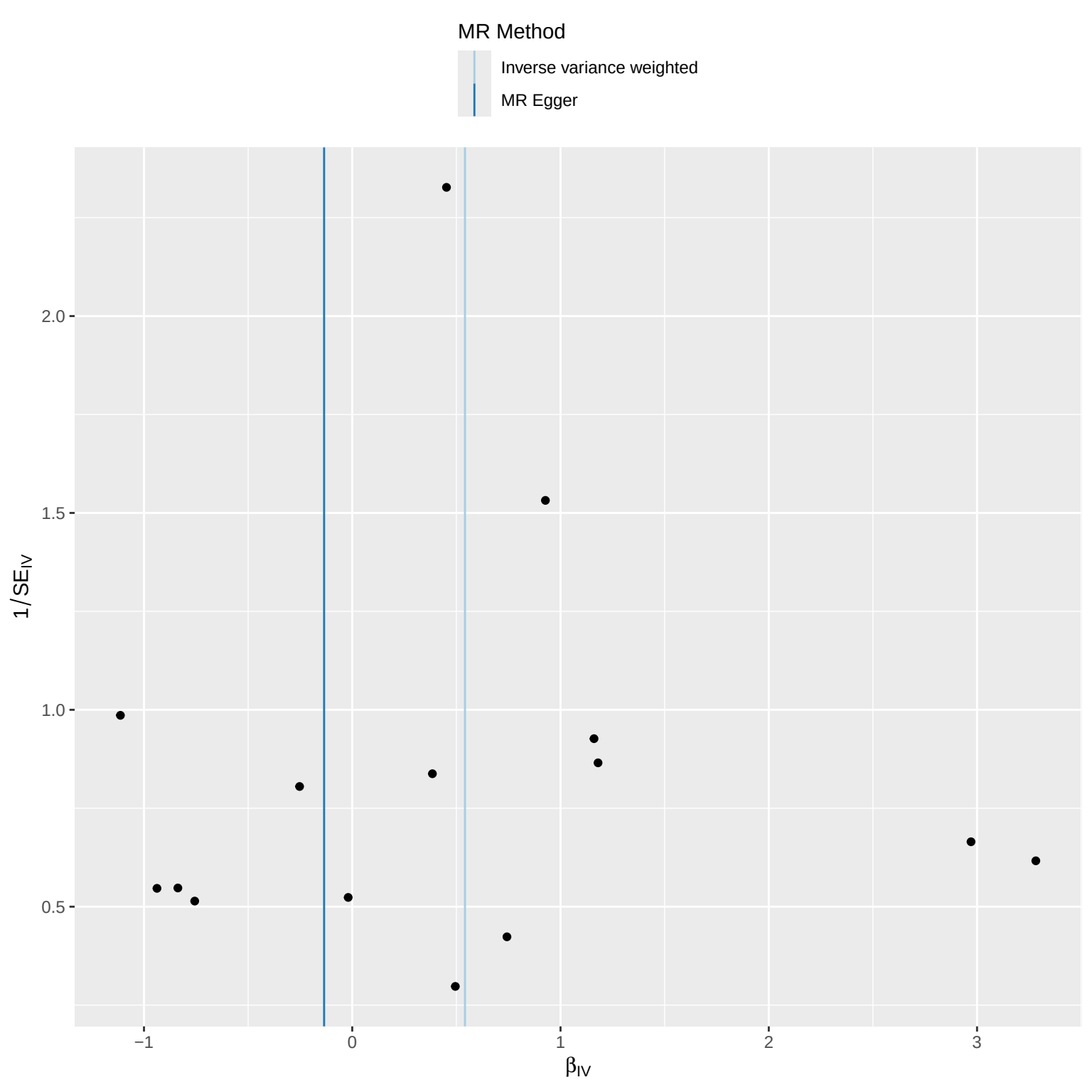

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

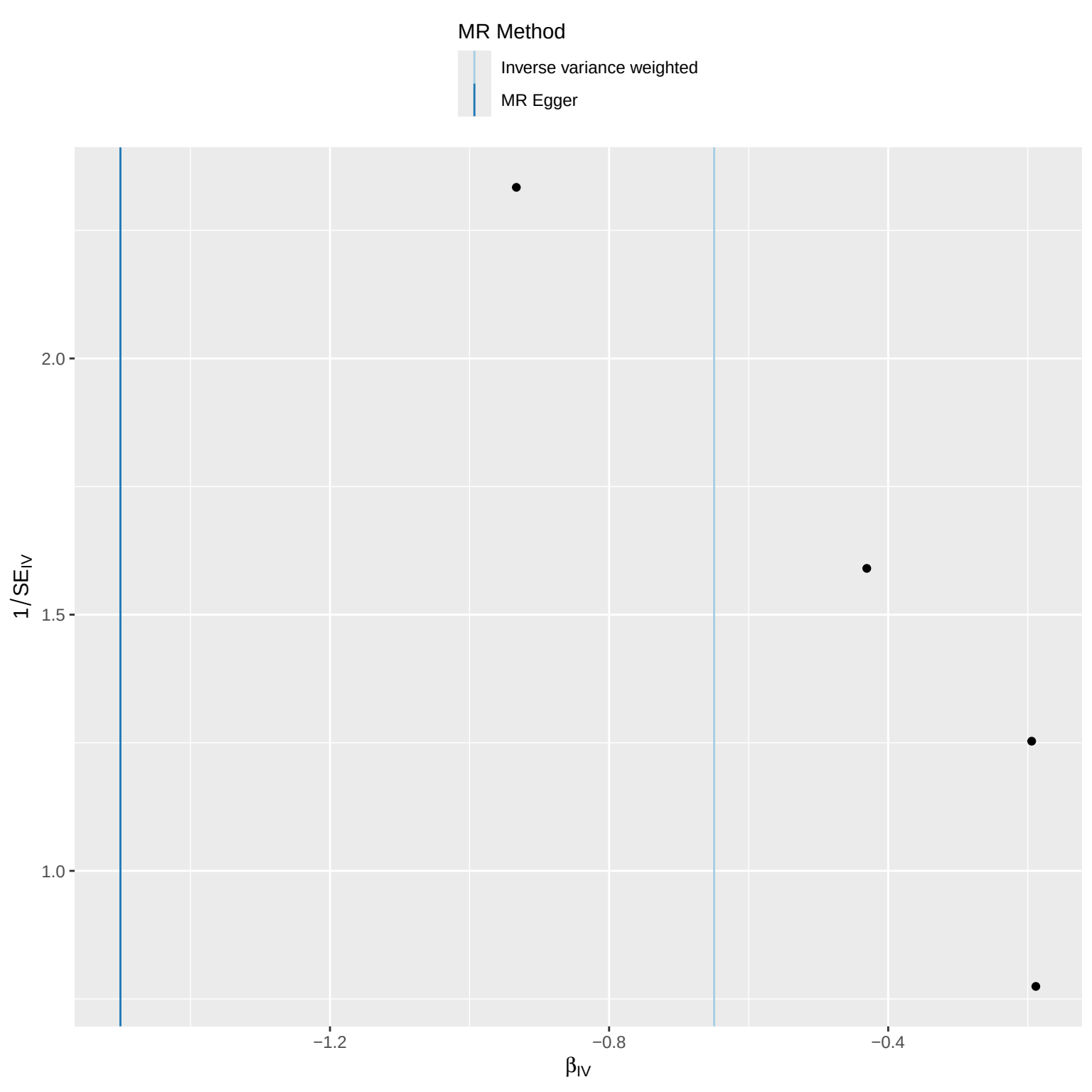

MR Method
Inverse variance weighted
MR Egger
1.3
1.2
1.1
1.0
0.9
0.8
0.7
1/SE_IV
−2.0
−1.5
−1.0
β_IV

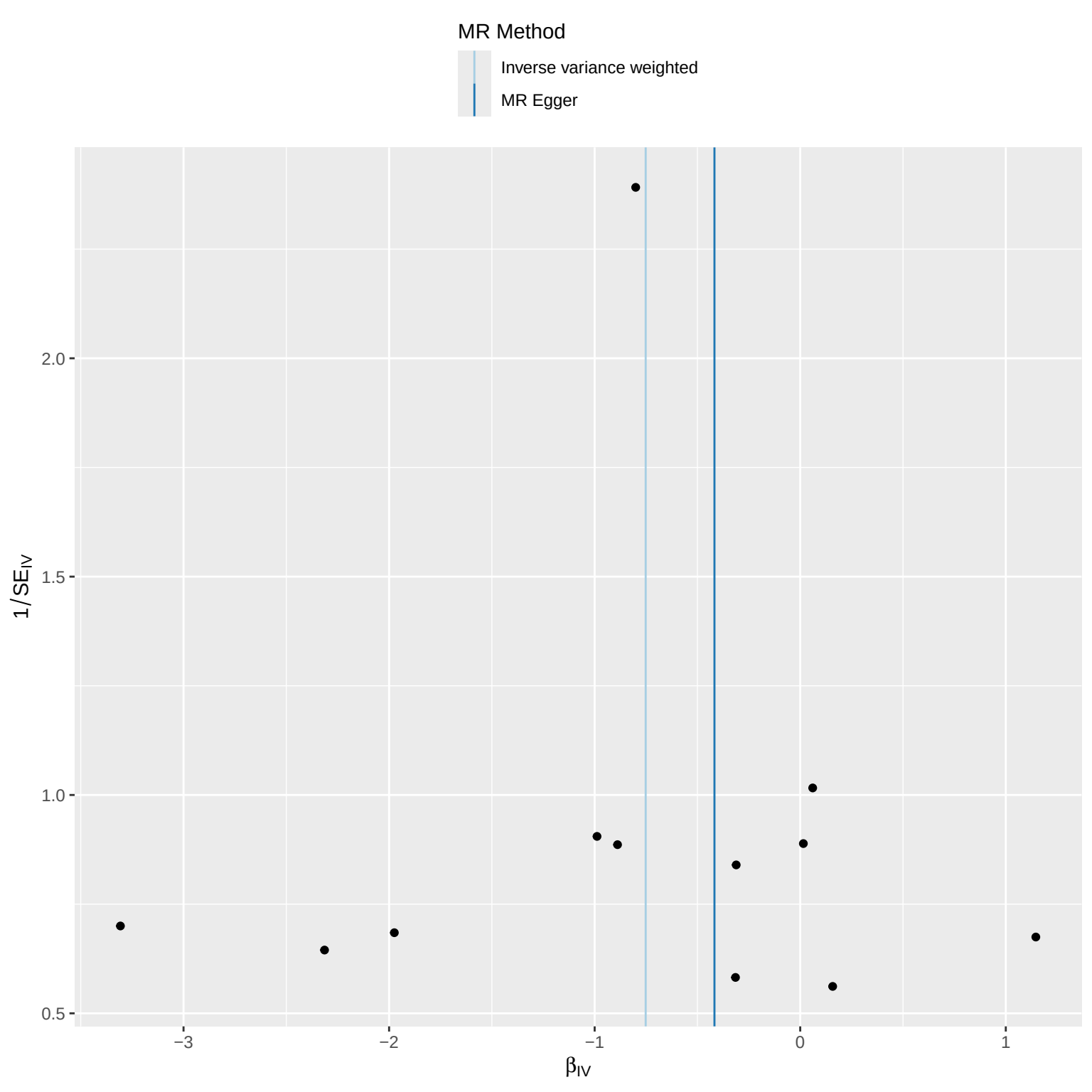

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
5.0
β_IV

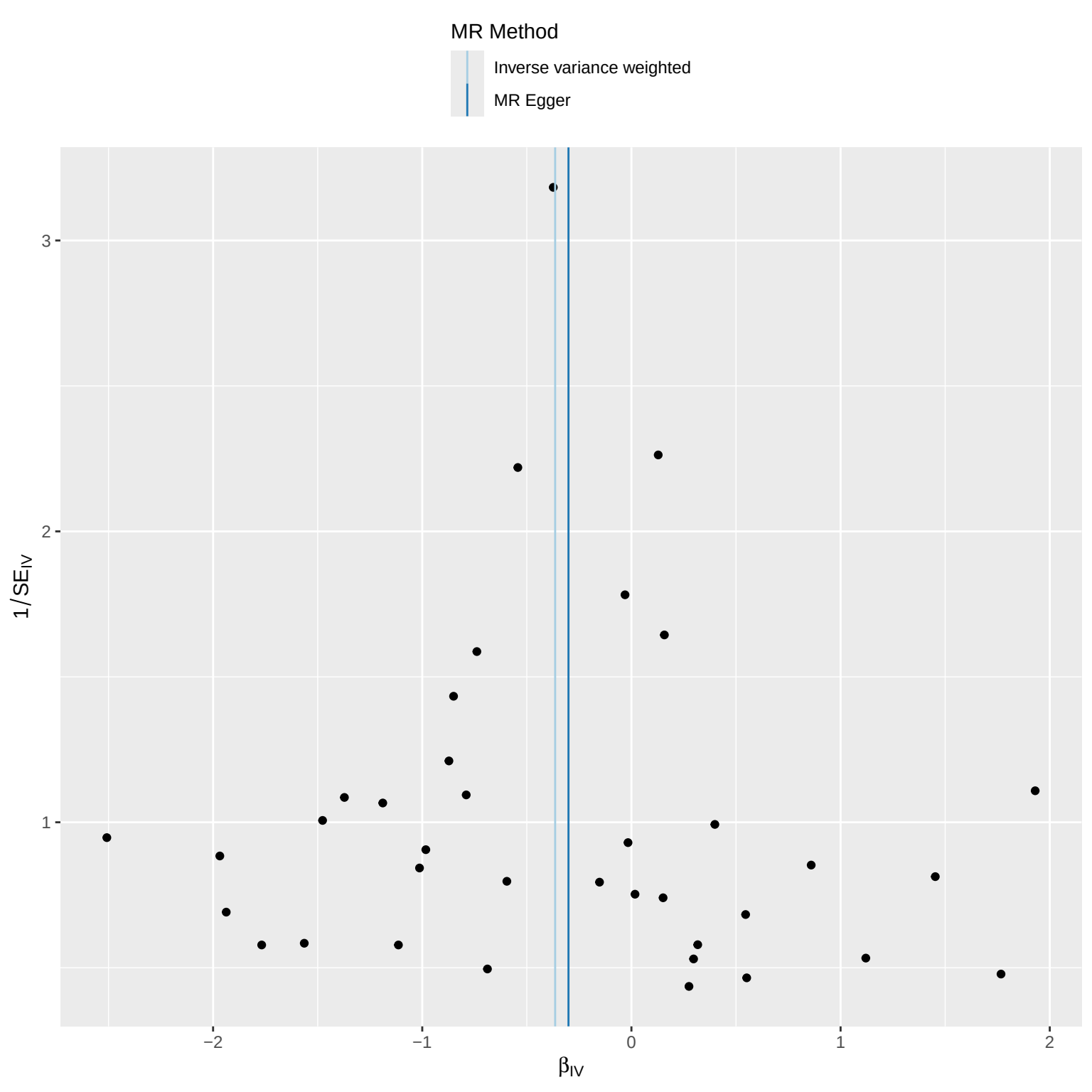

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
0
2
4
β_{IV}

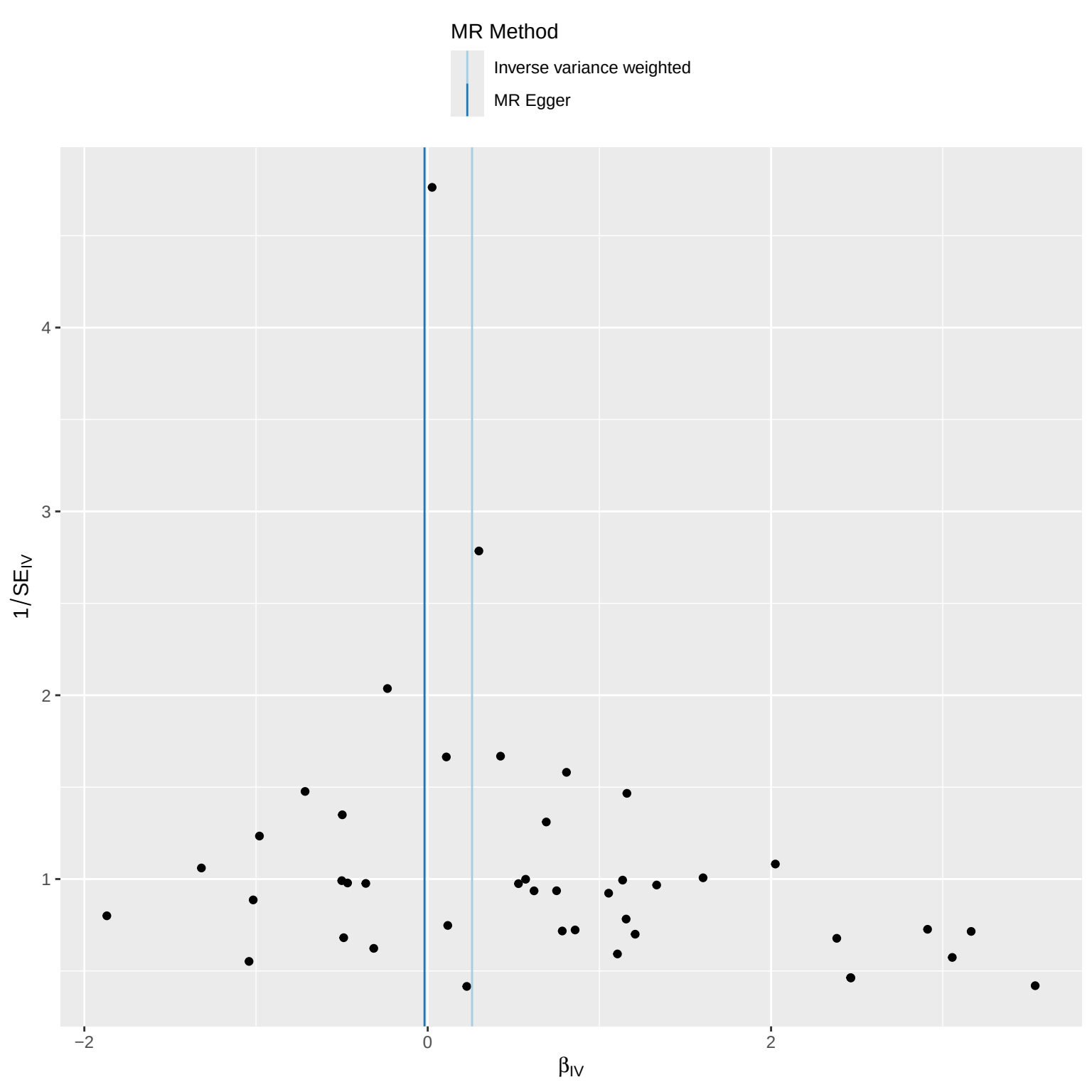

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

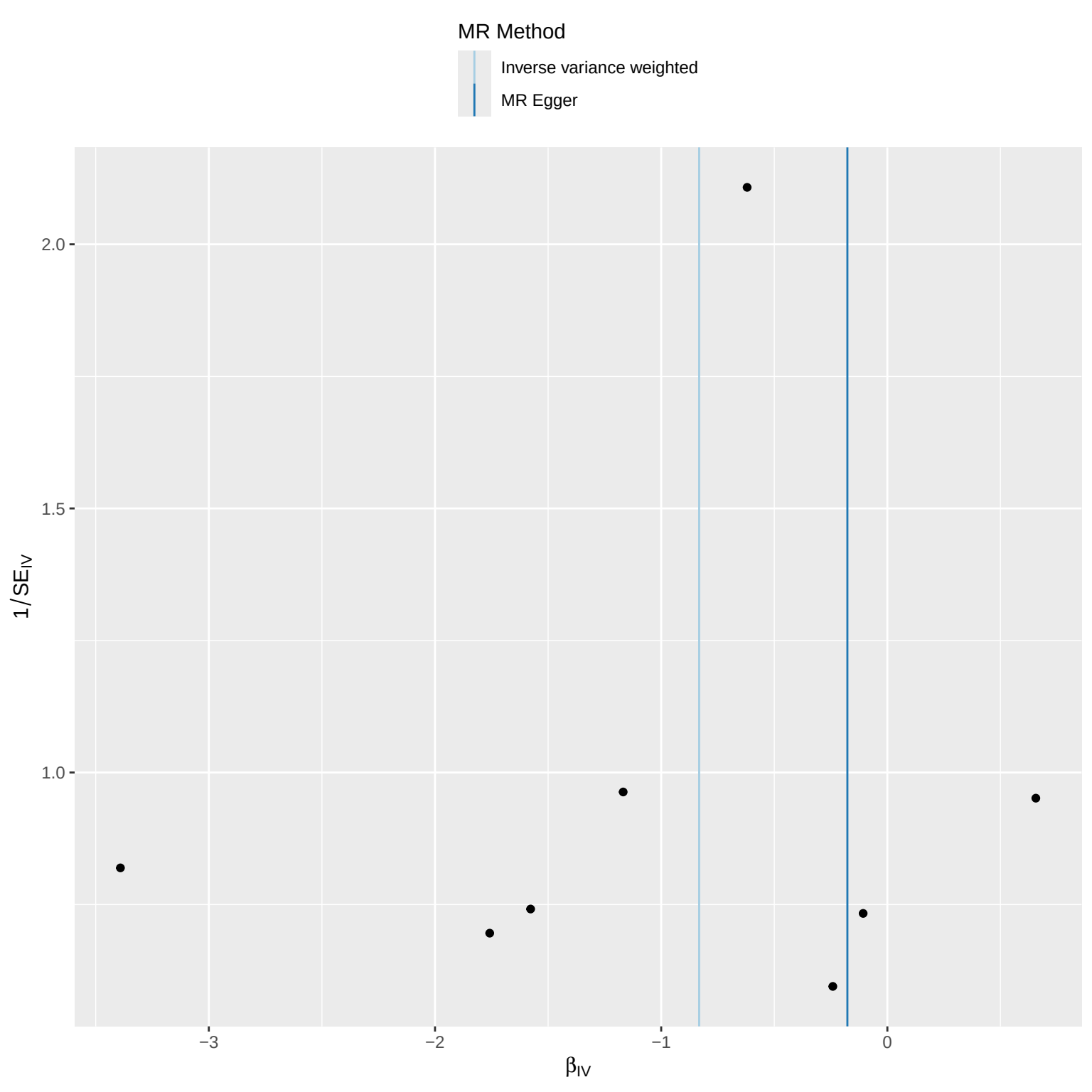

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

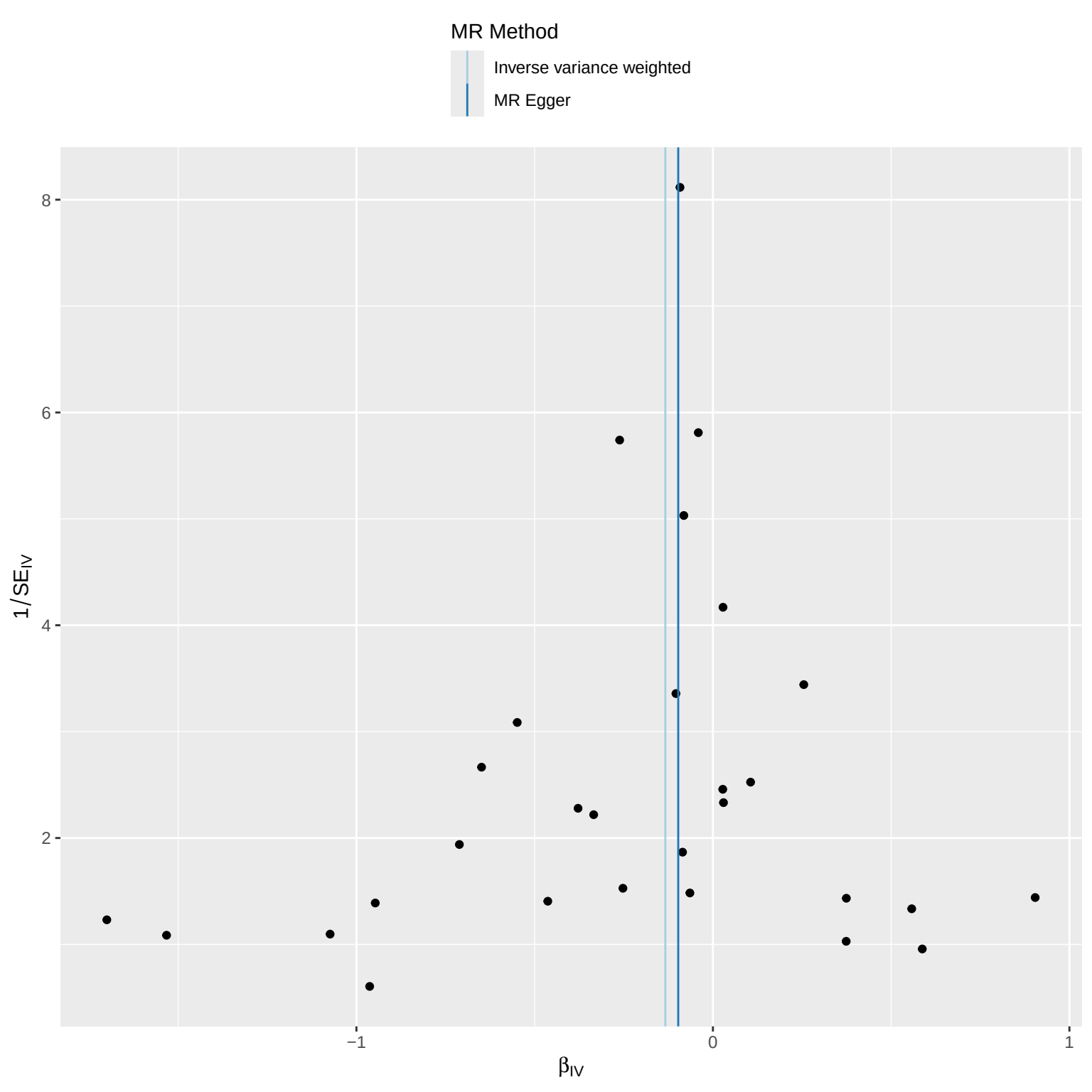

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.2
−0.8
−0.4
β_IV

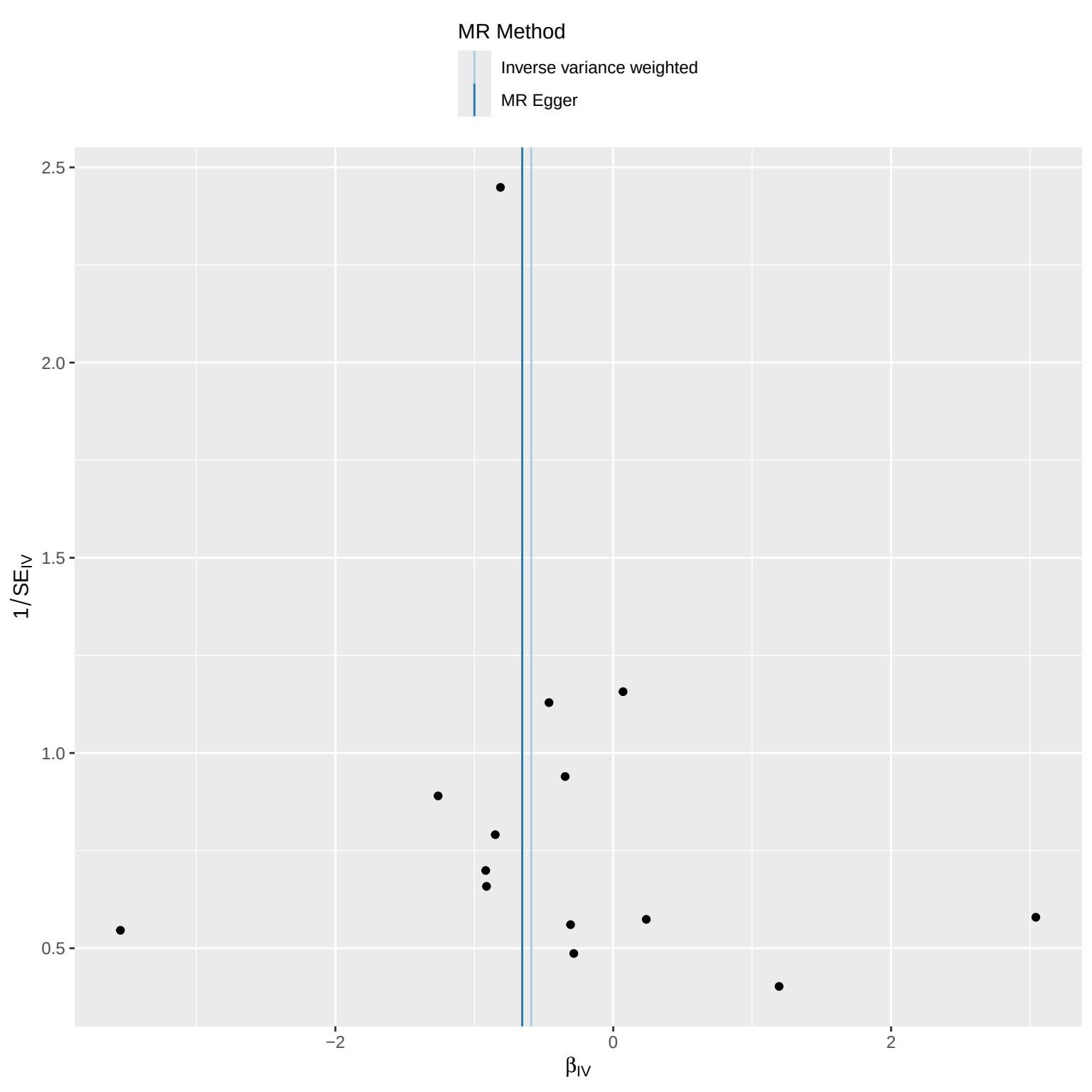

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

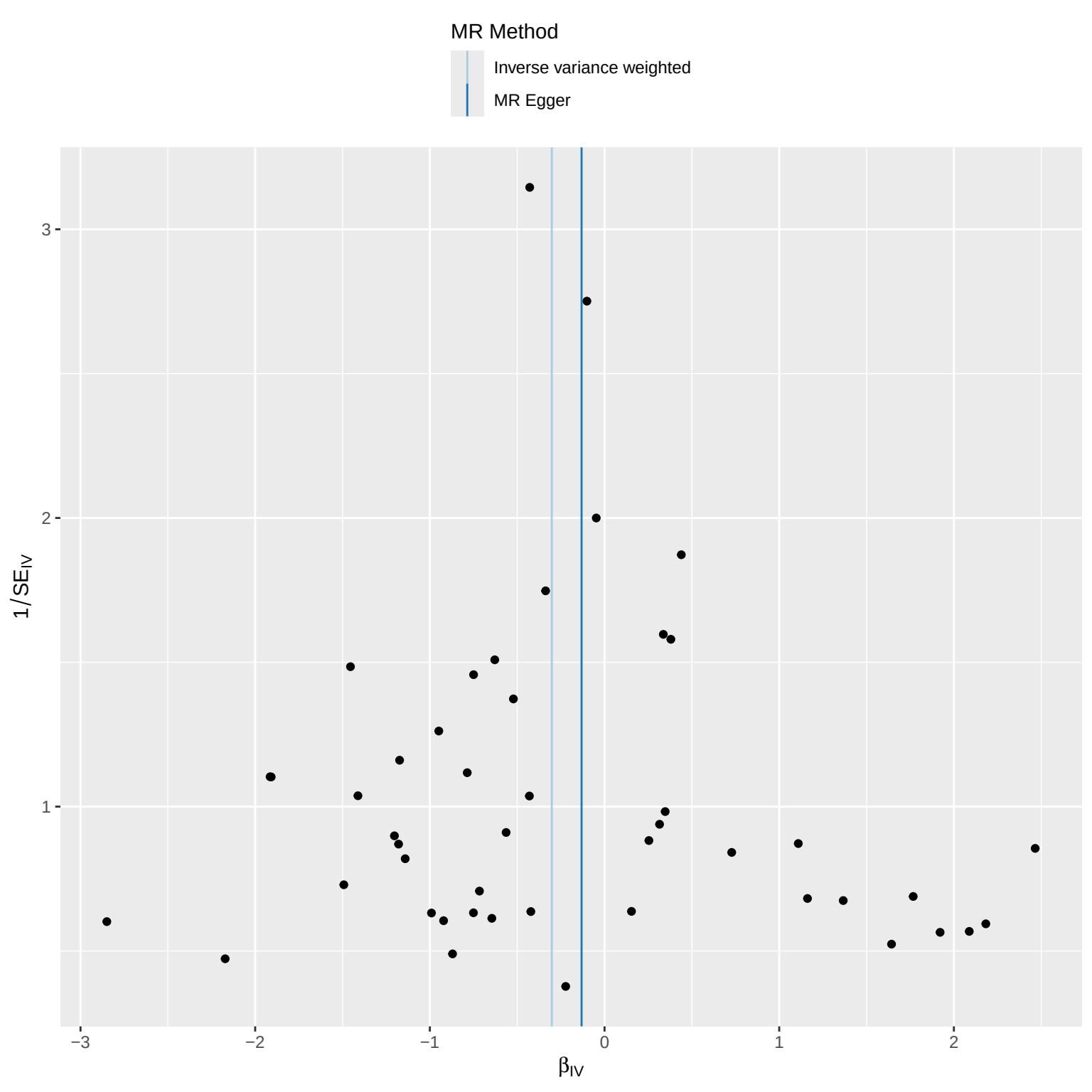

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

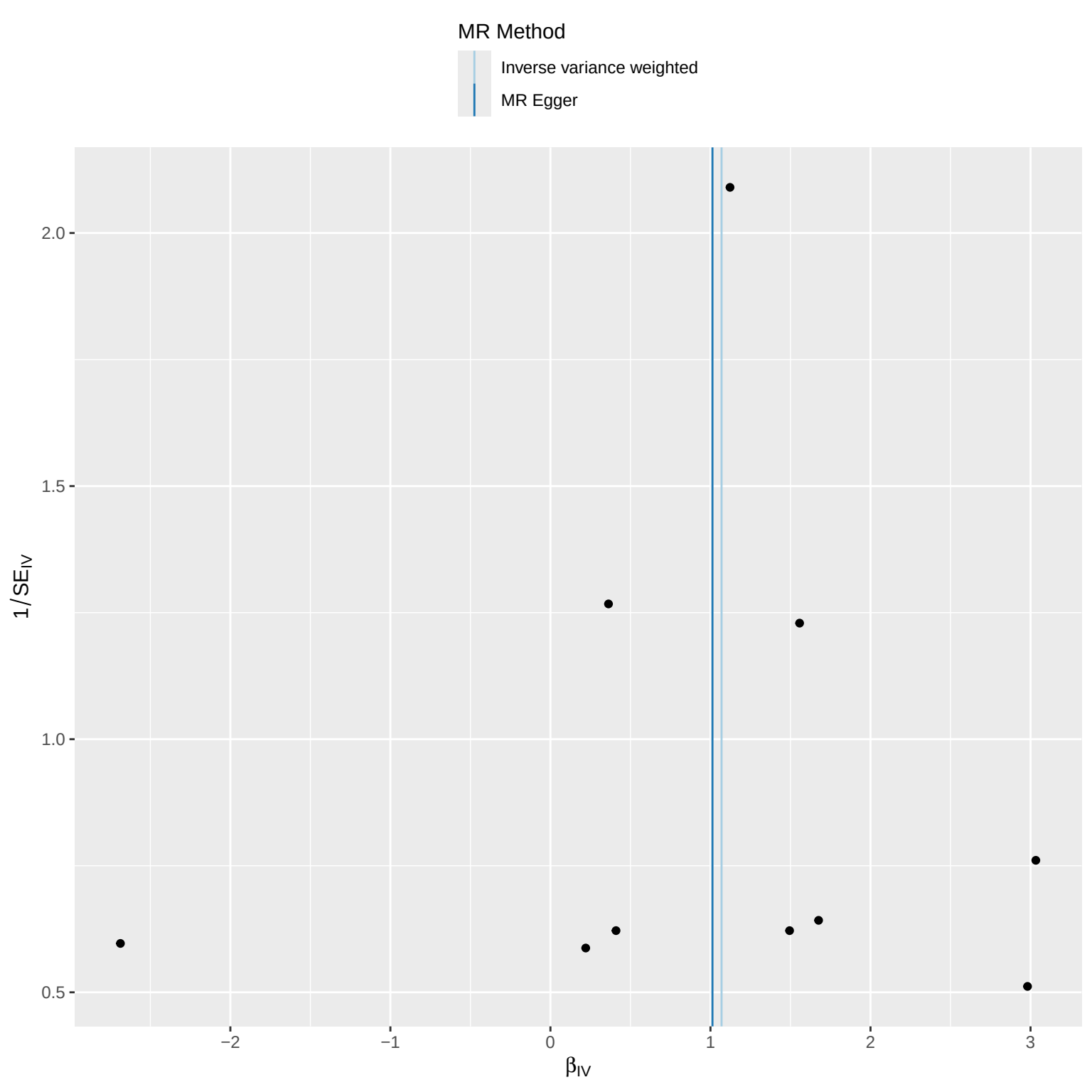

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

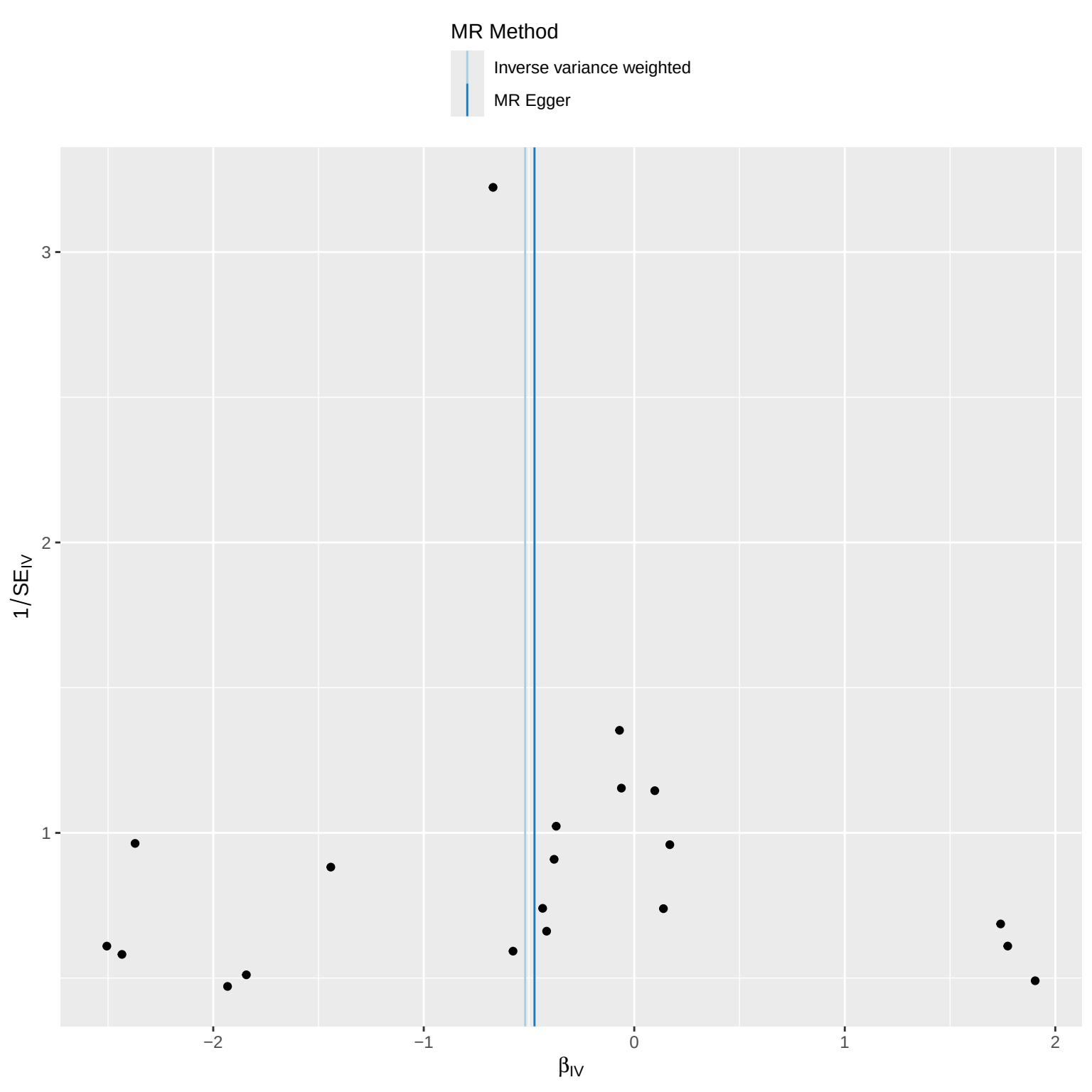

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

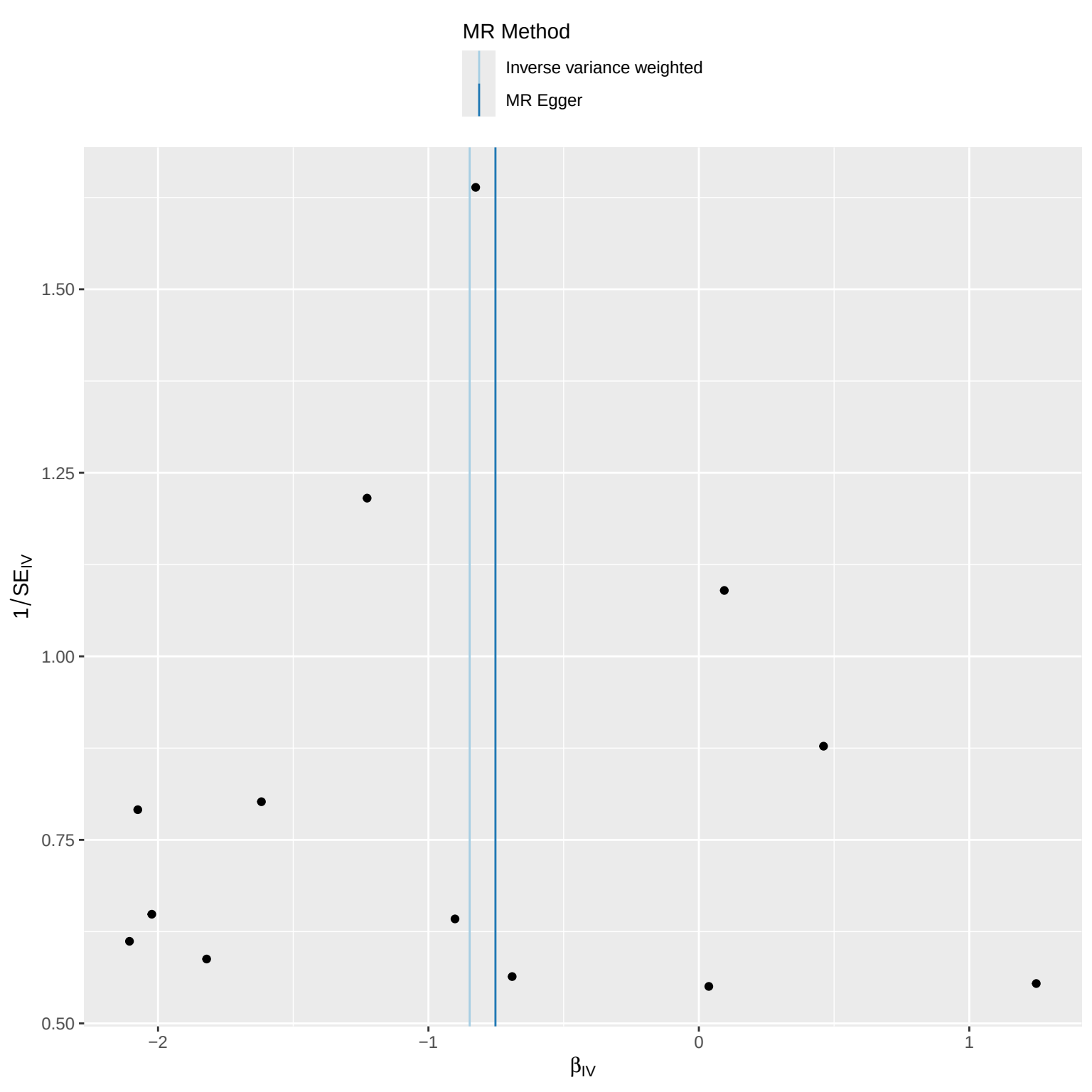

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

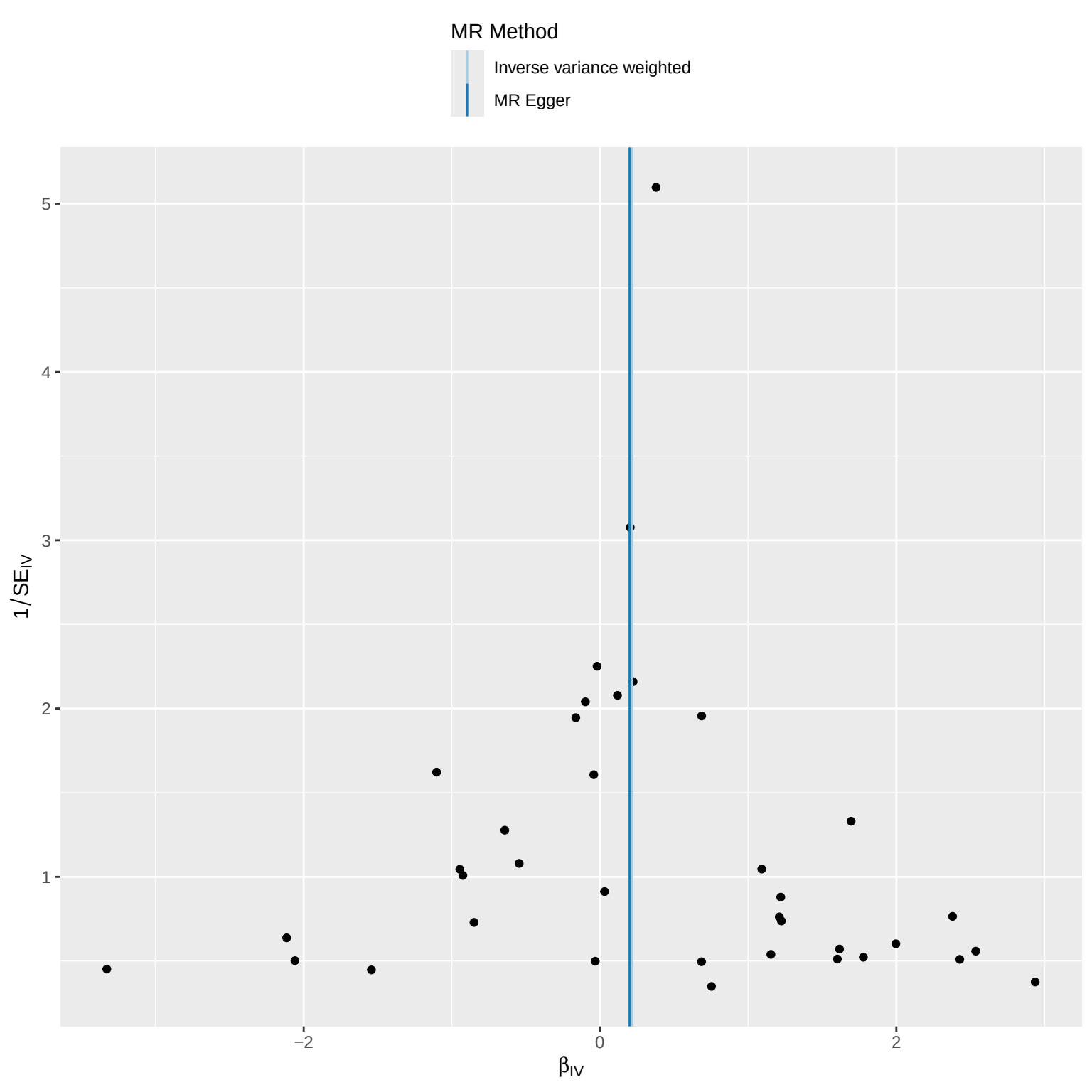

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

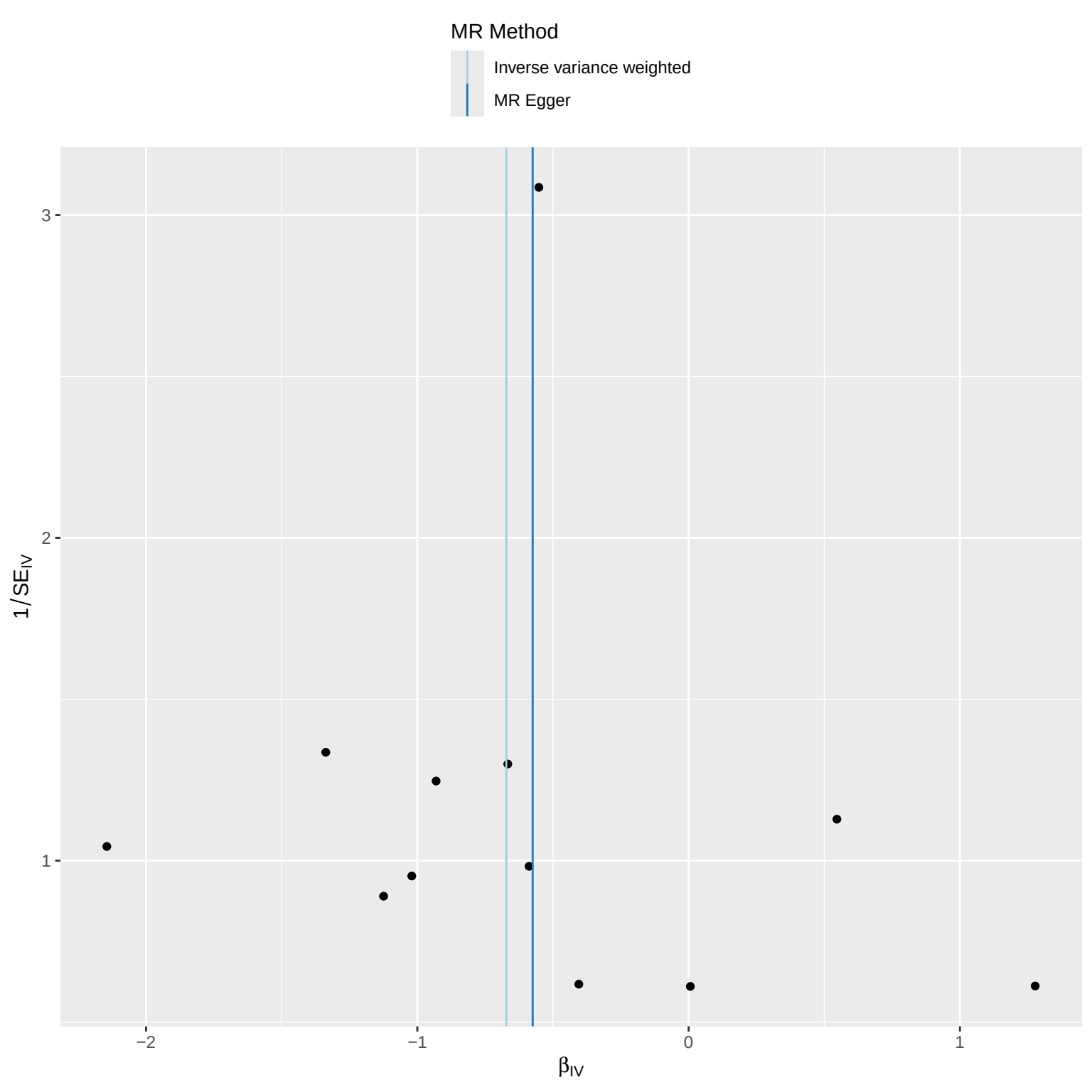

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

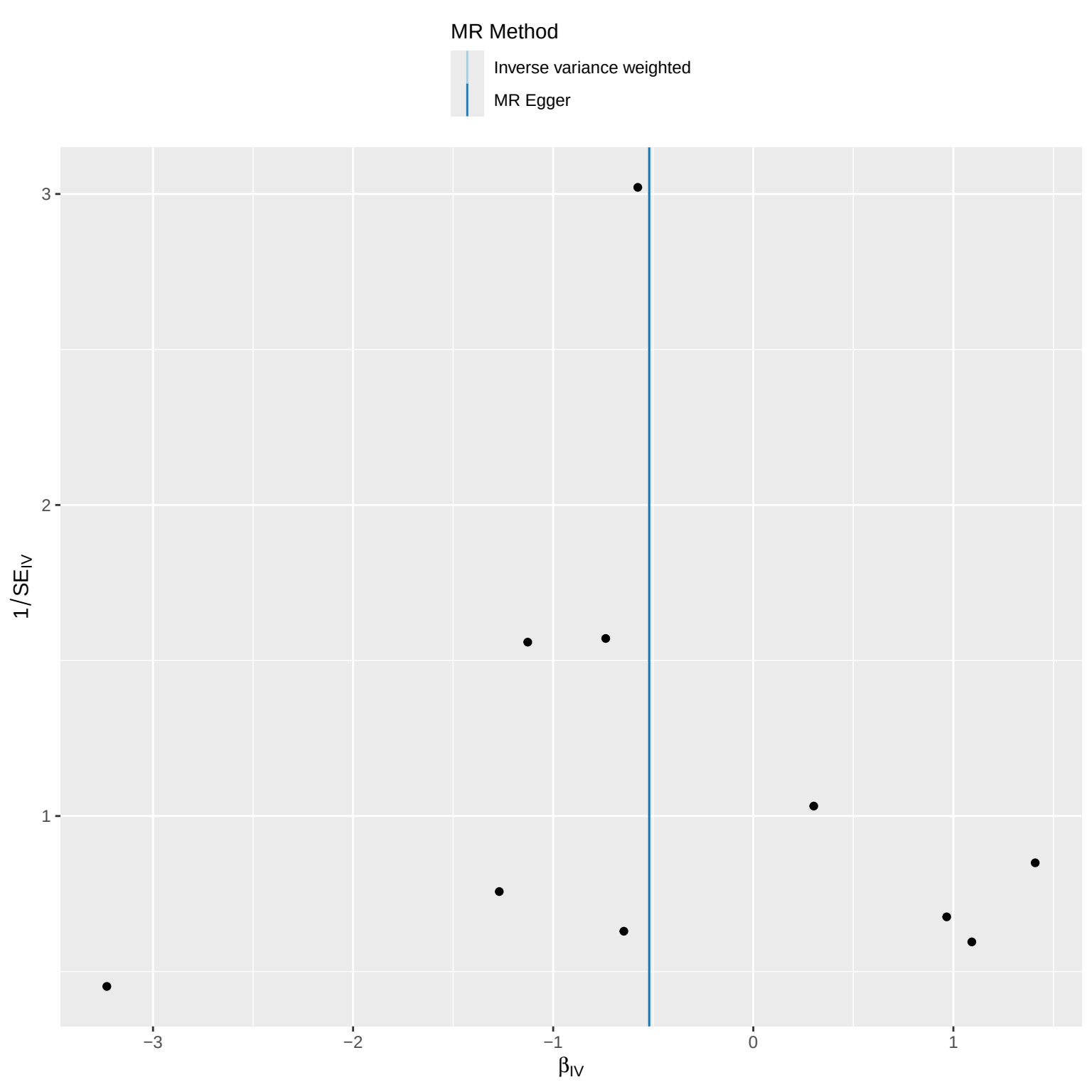

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

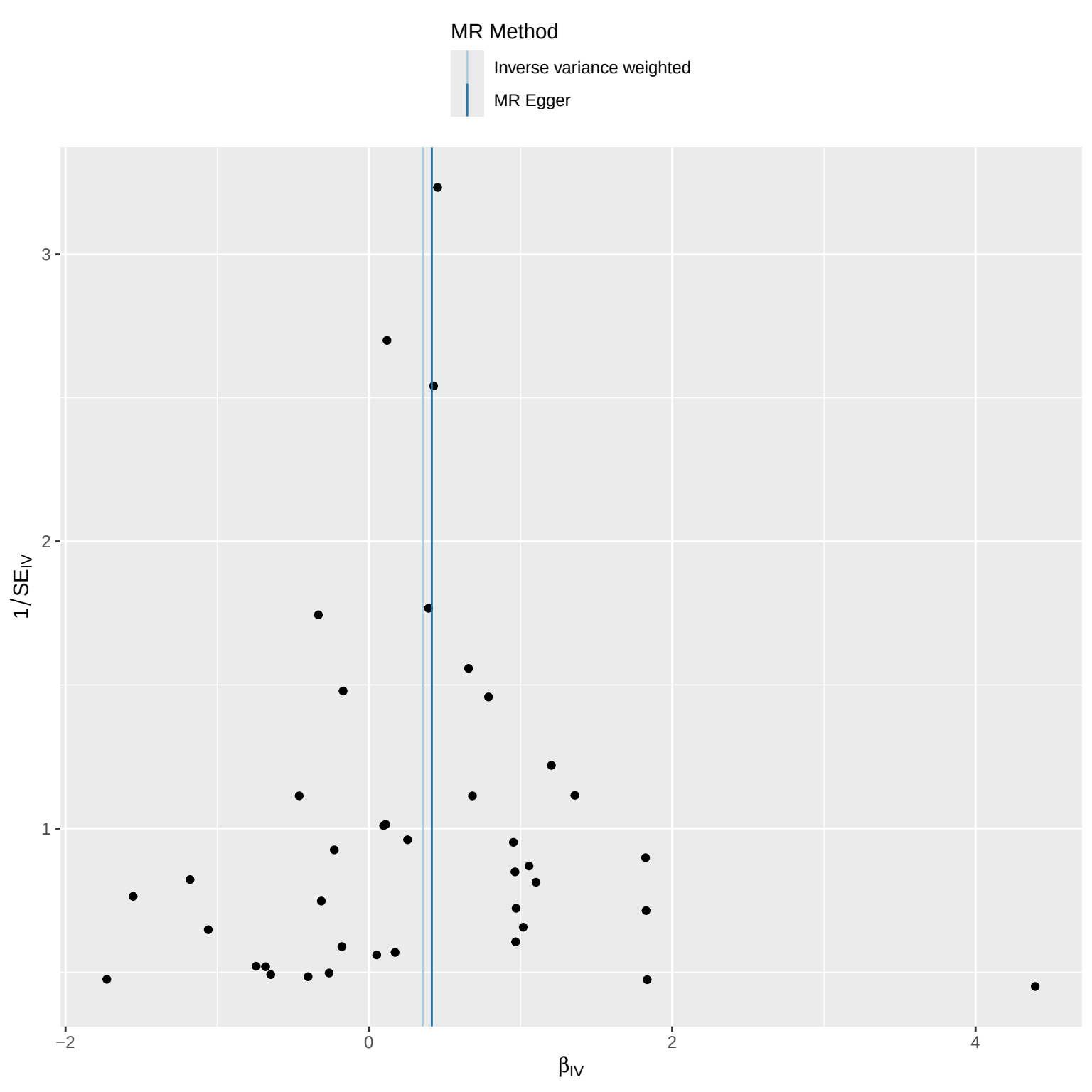

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

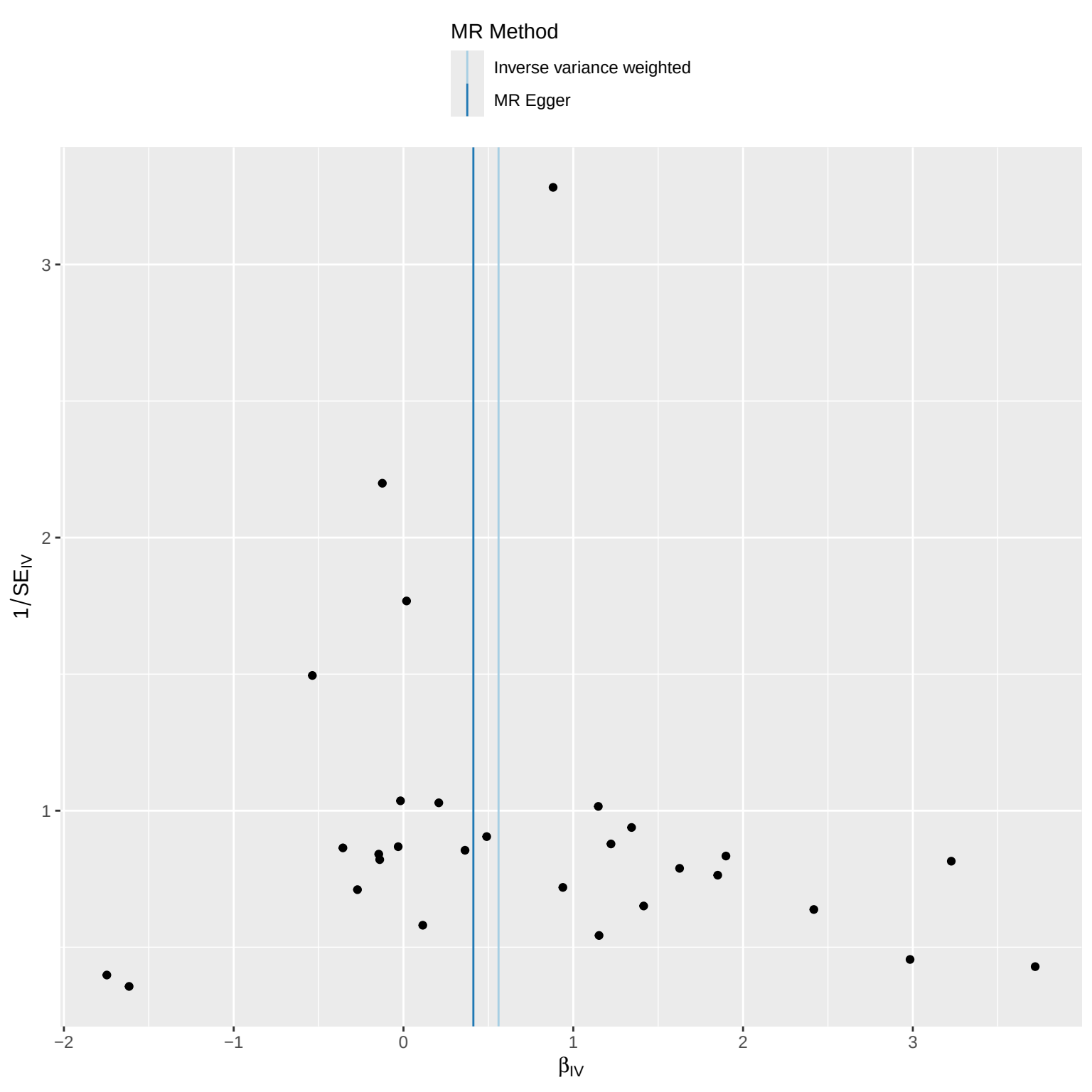

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
β_IV

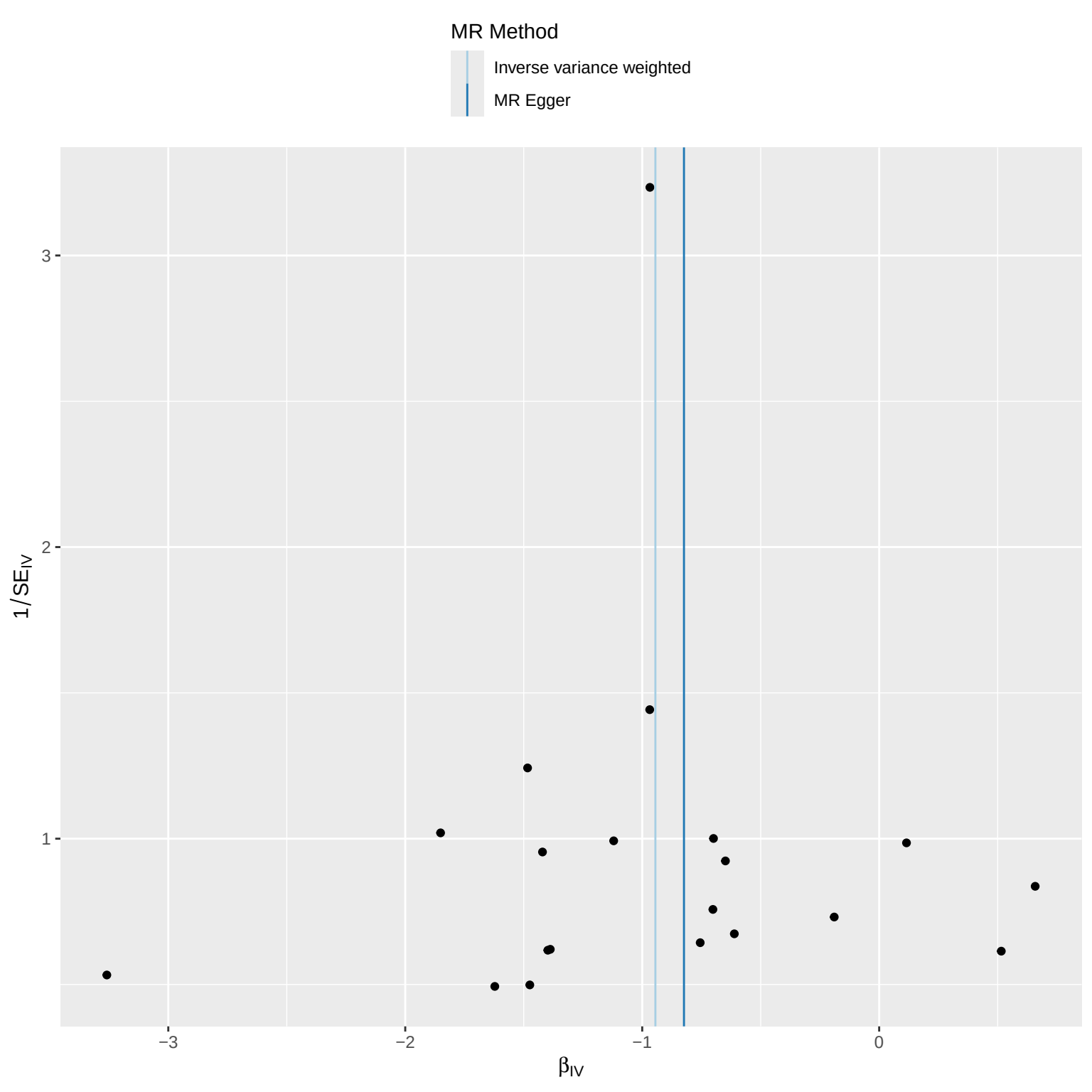

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

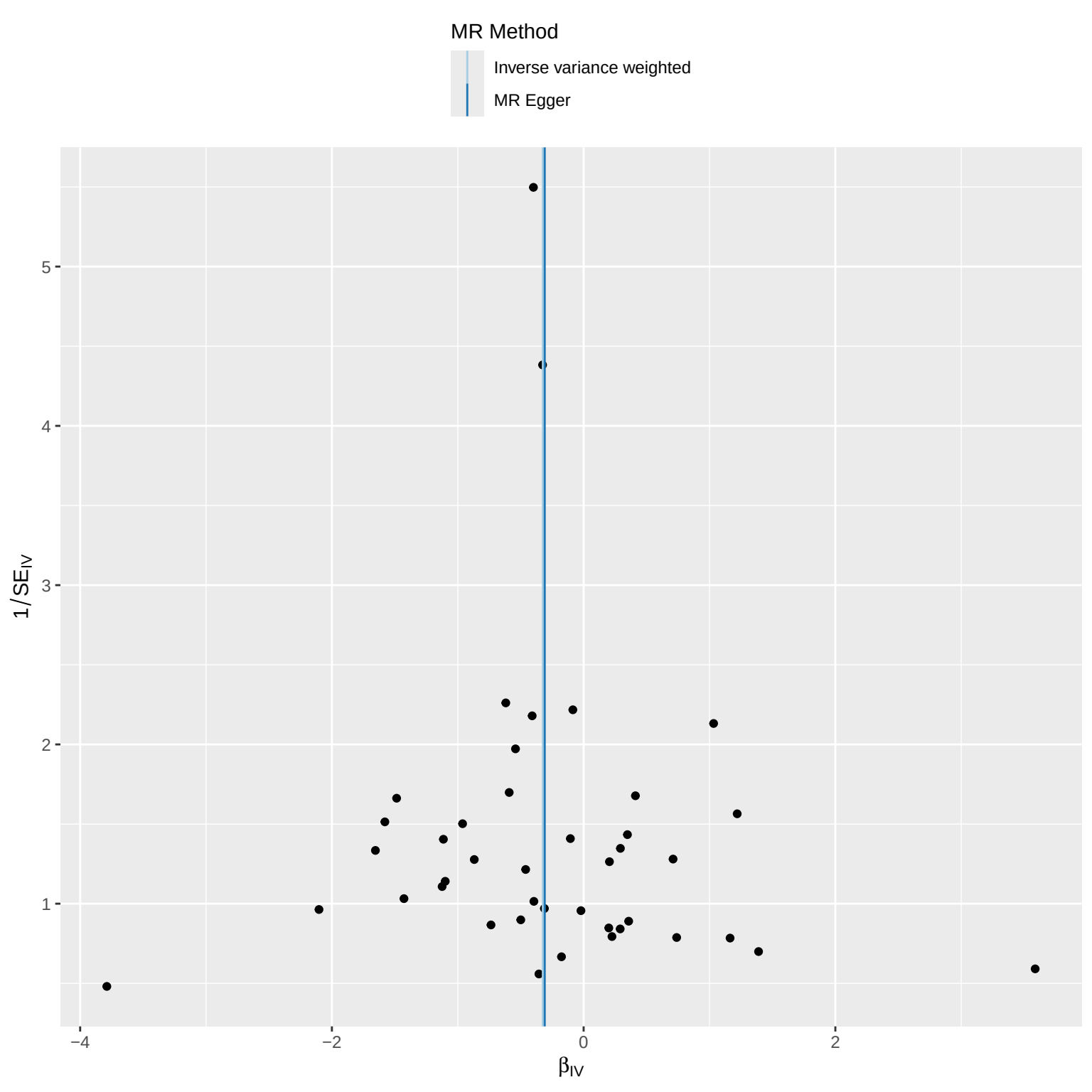

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

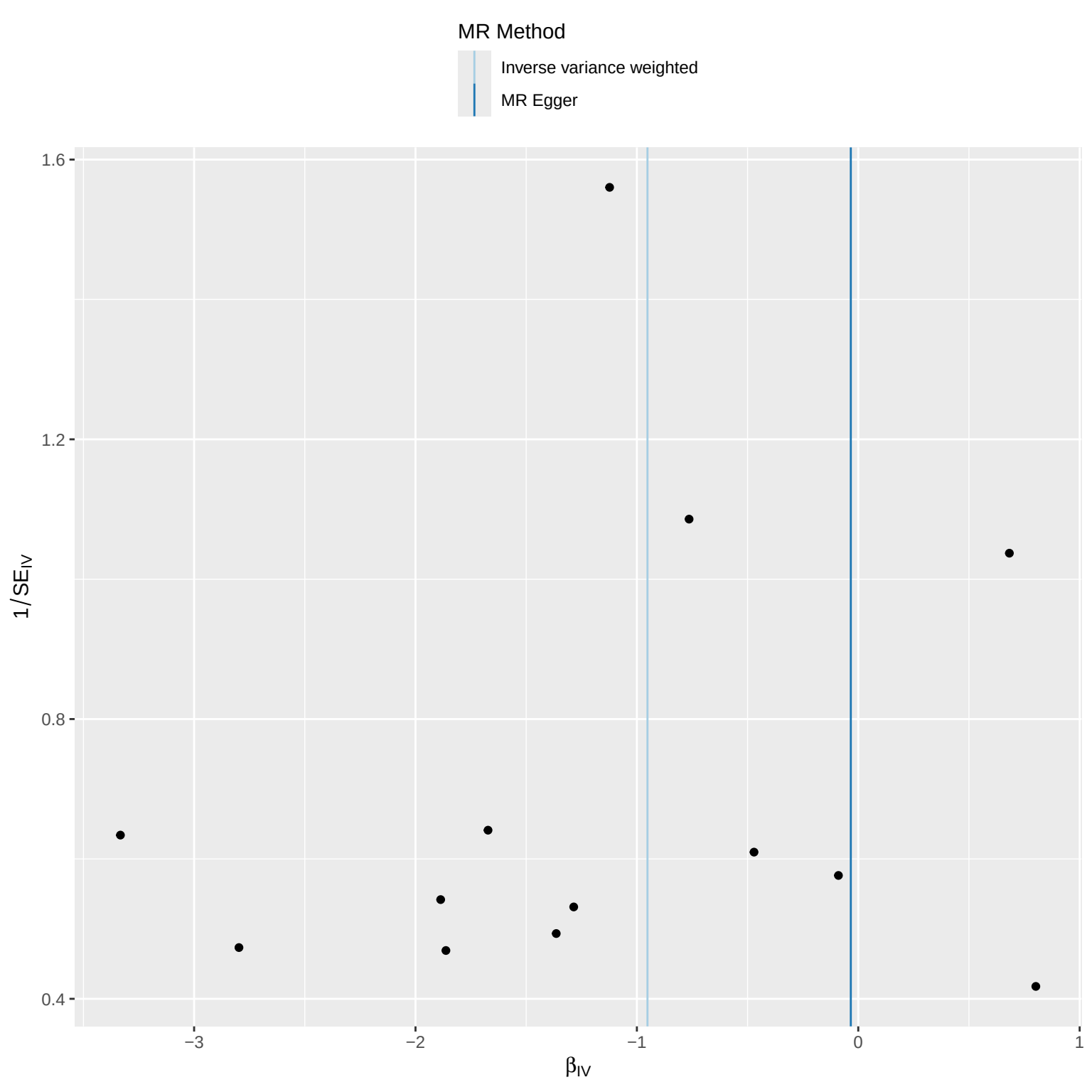

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

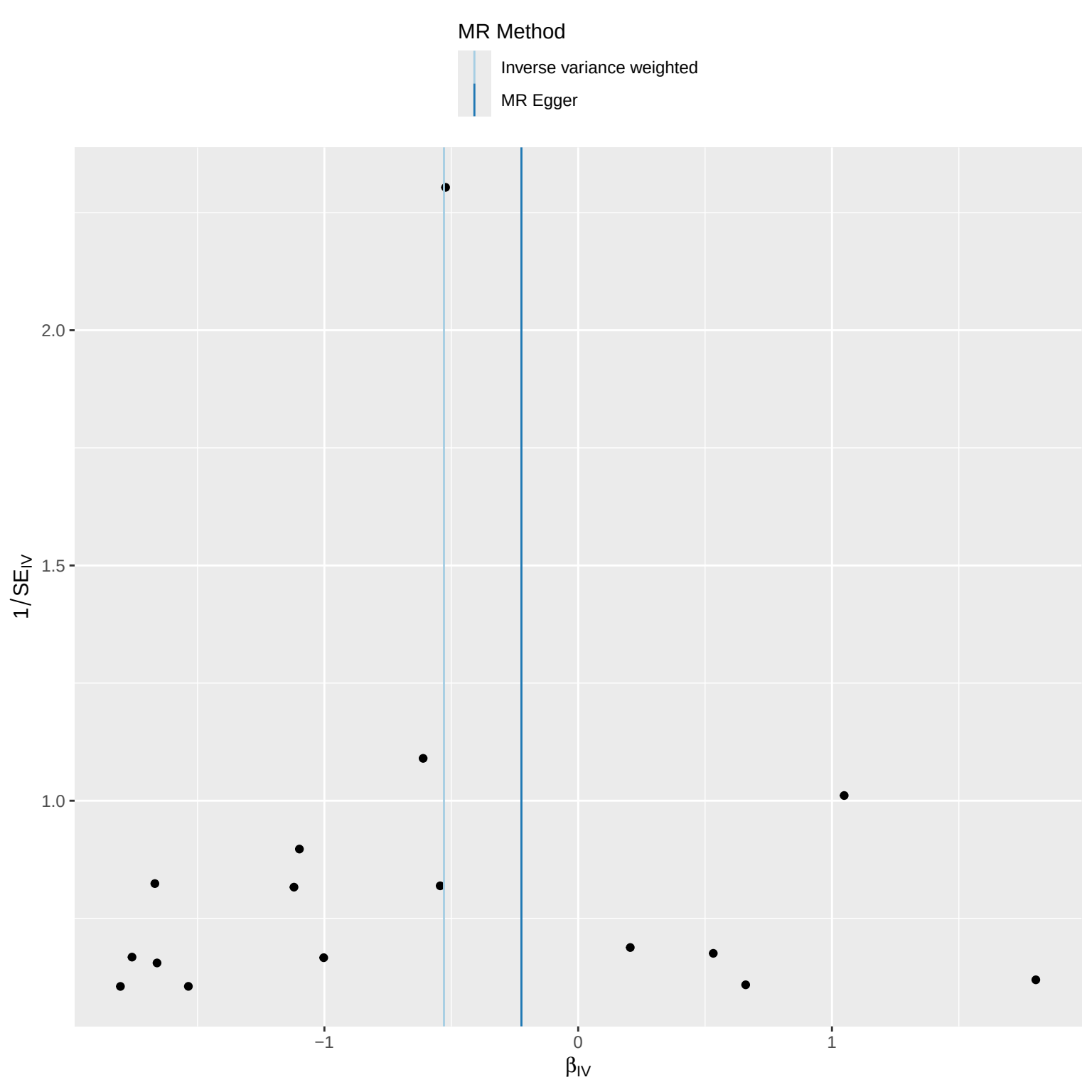

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

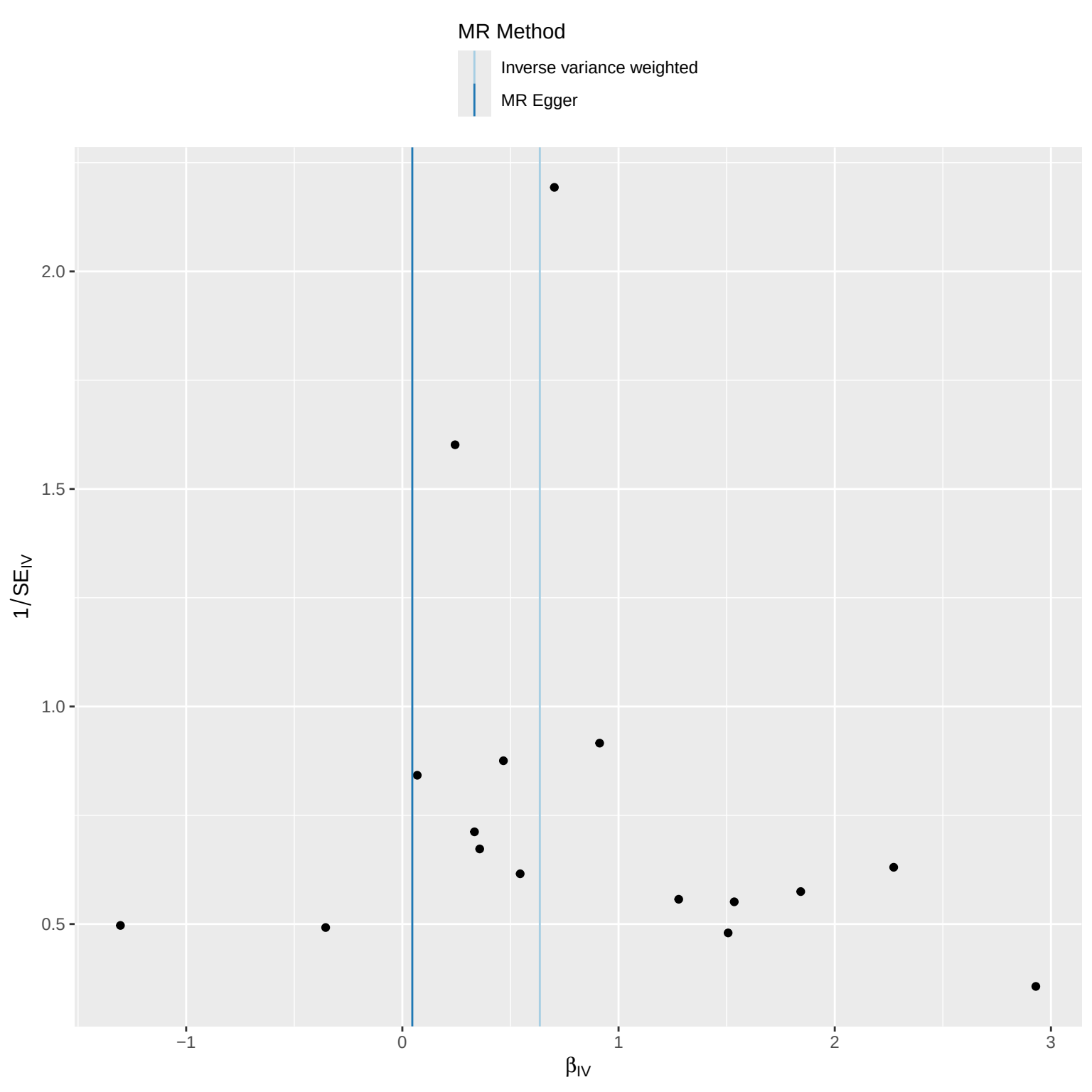

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
3
β_{IV}

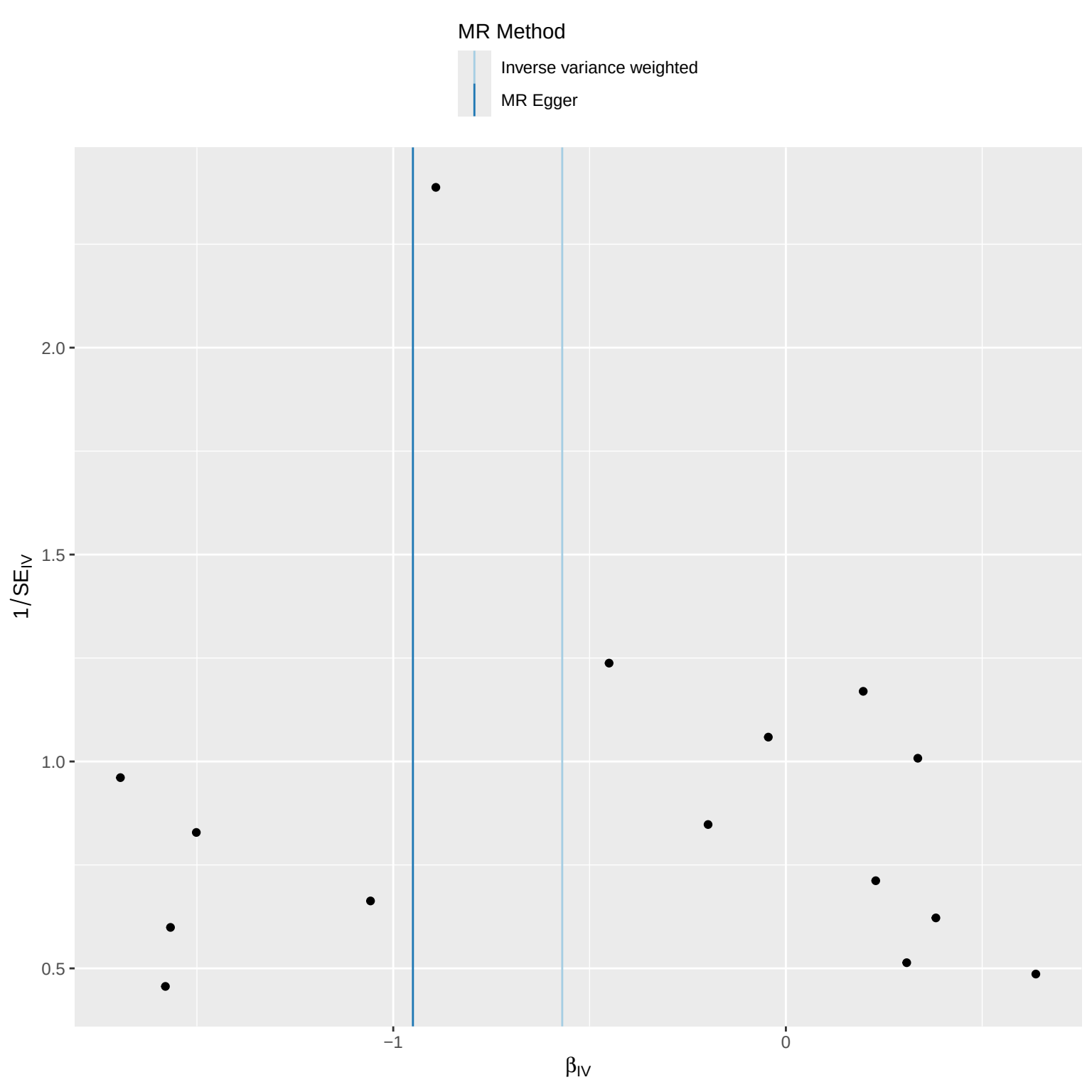

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

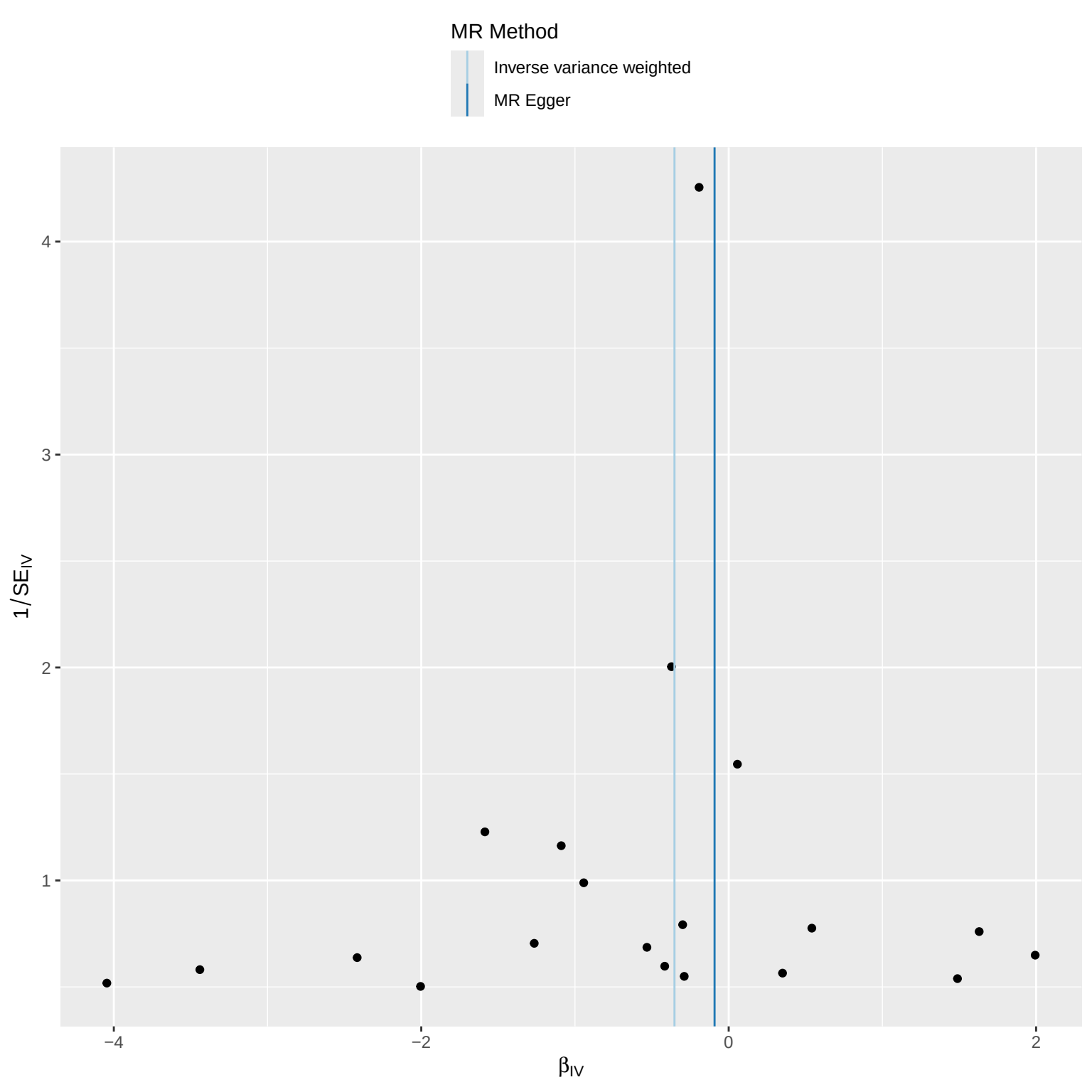

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−4
−2
0
2

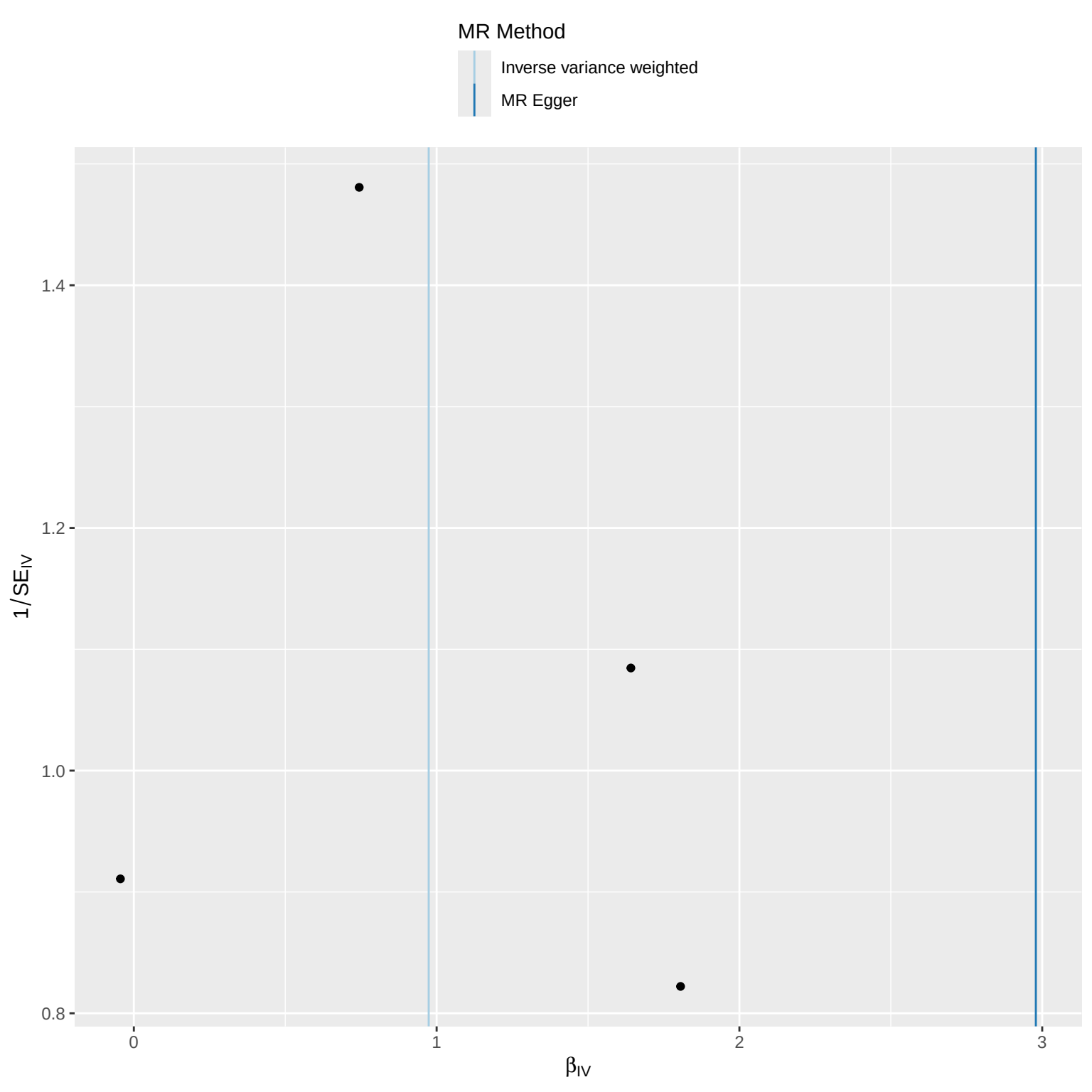

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

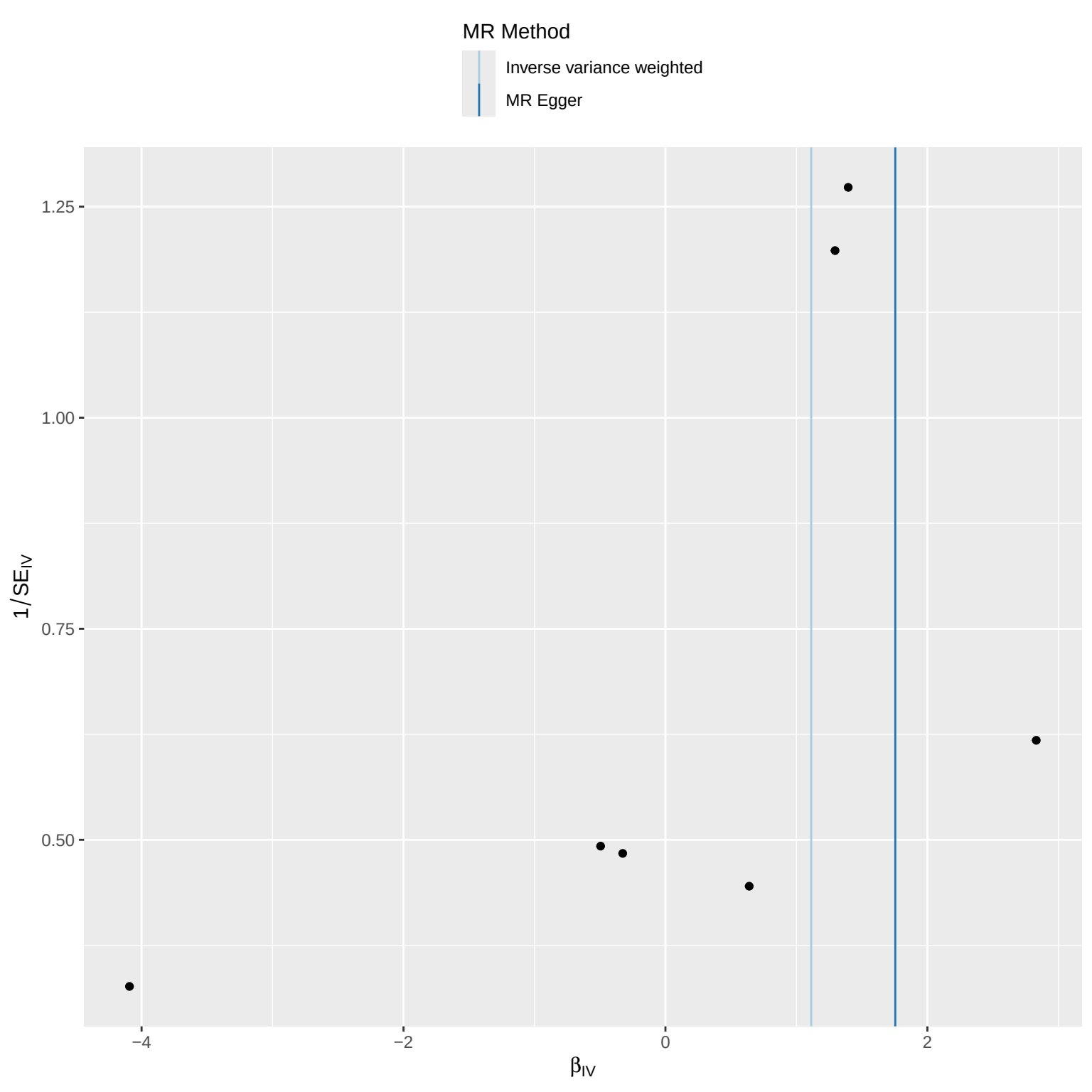

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

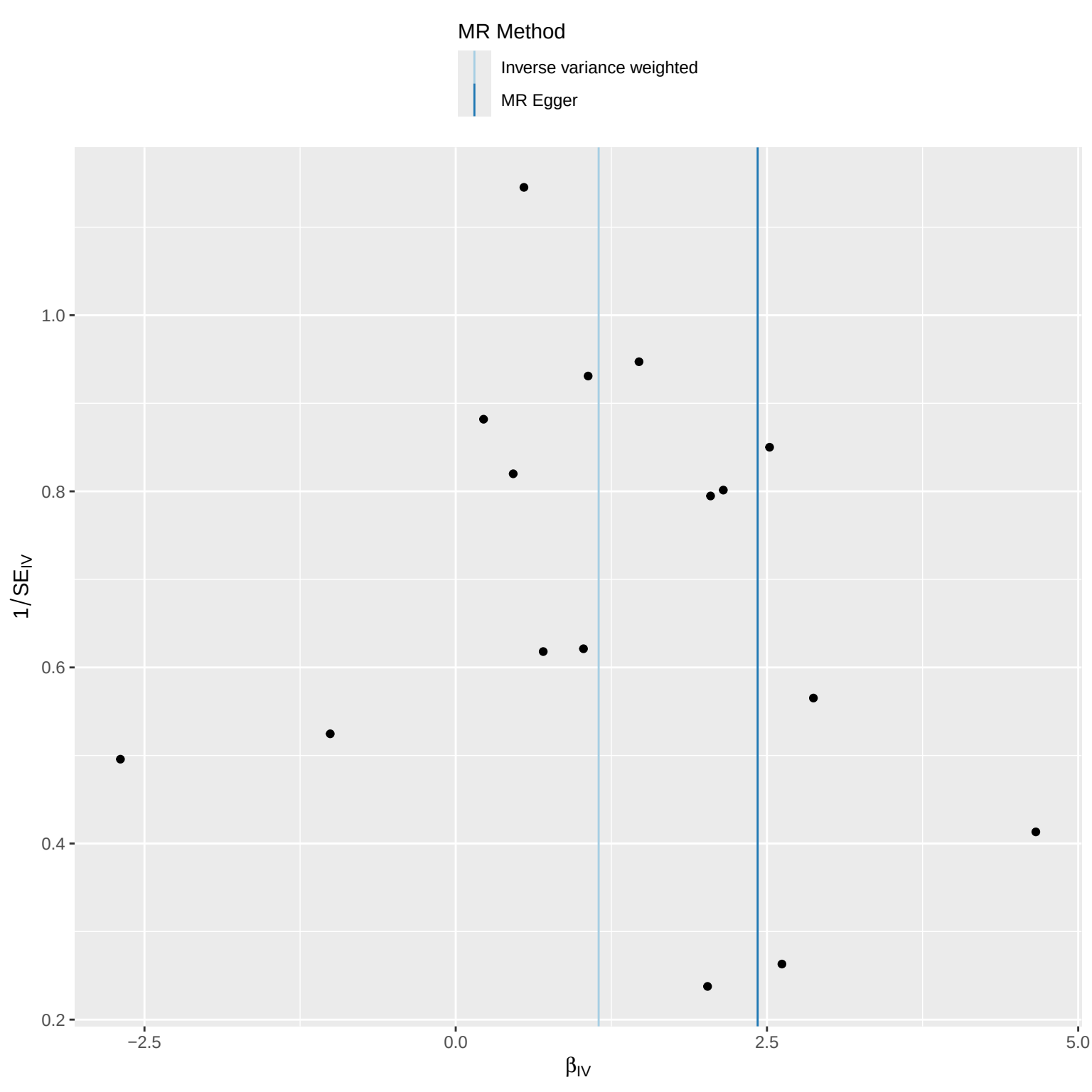

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

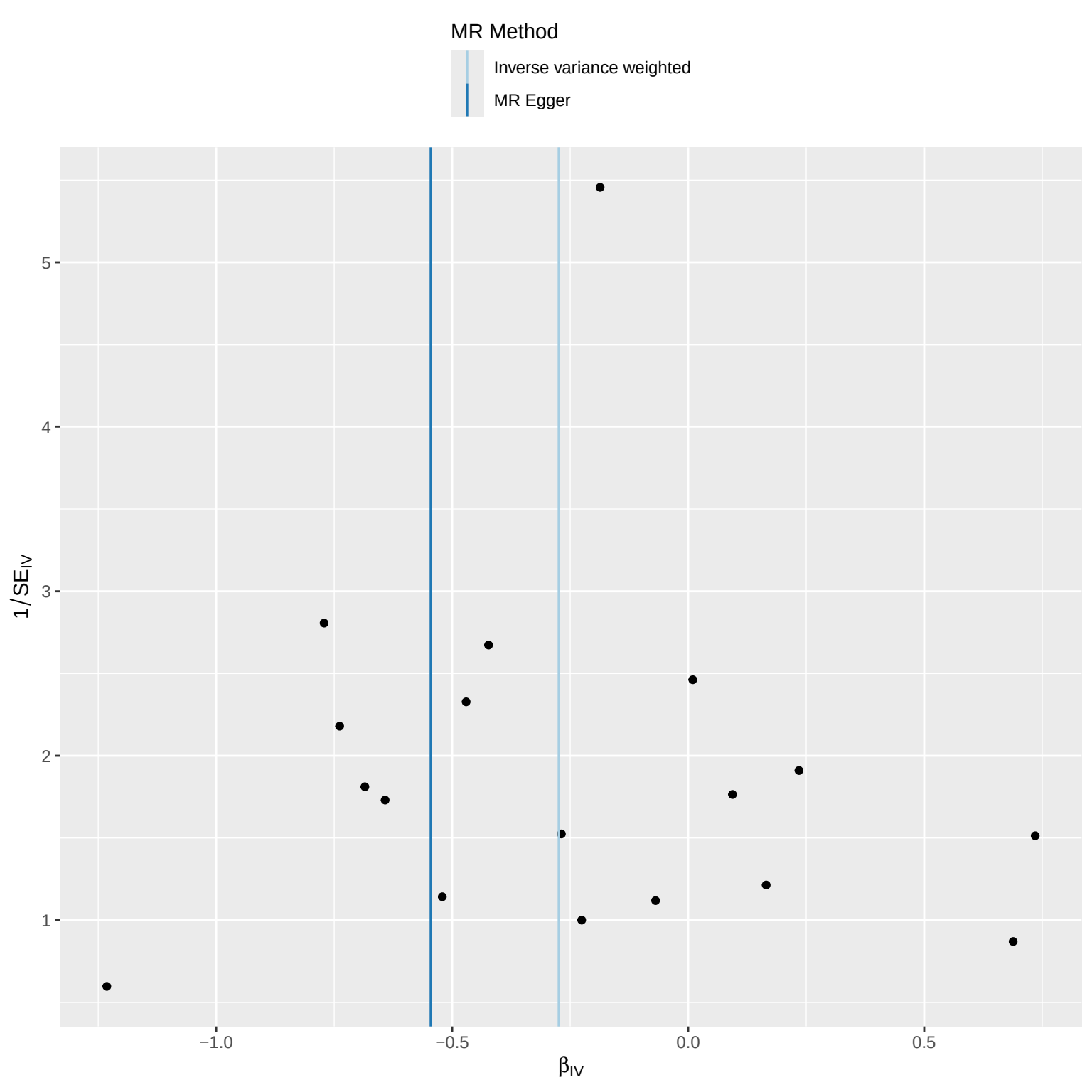

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
β_IV

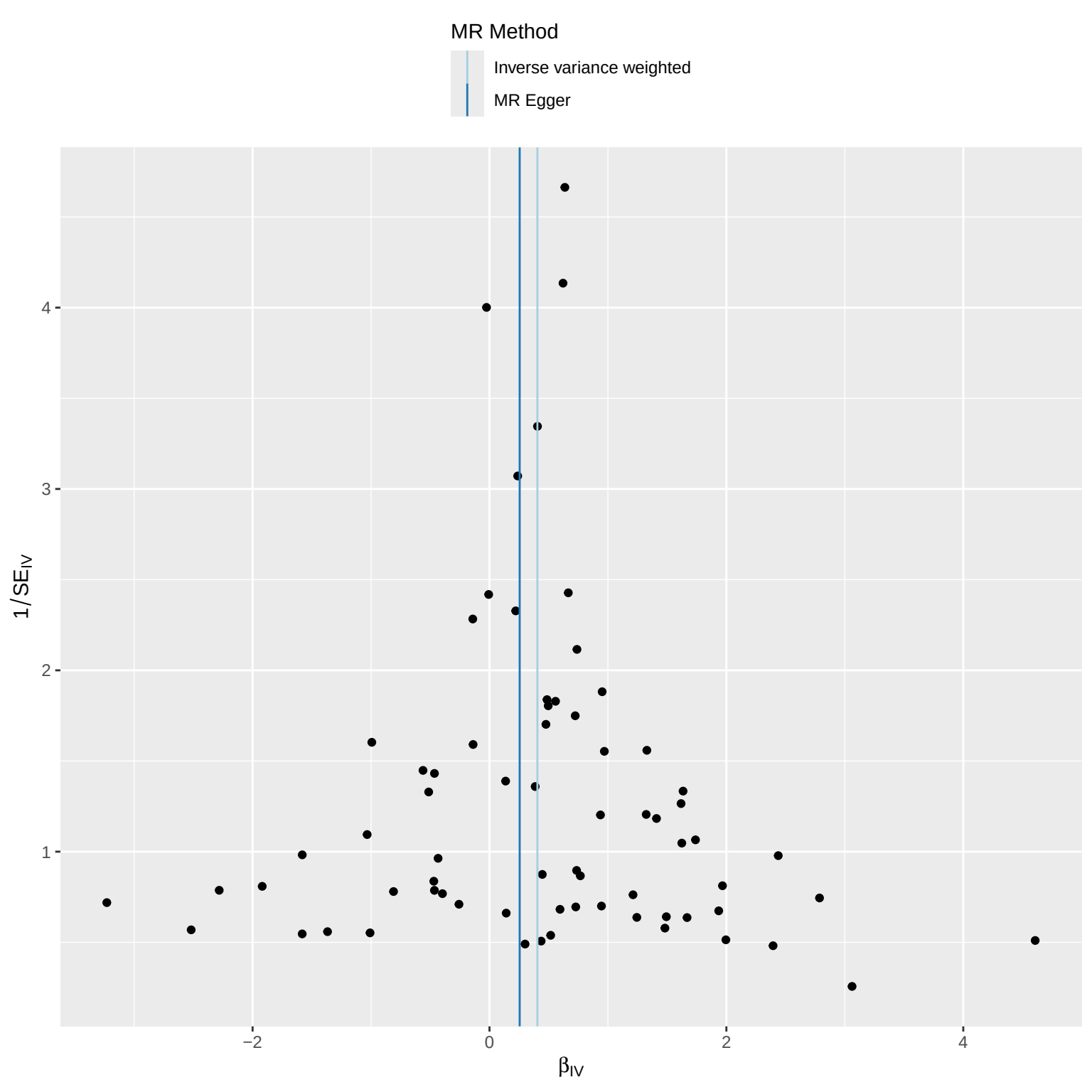

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

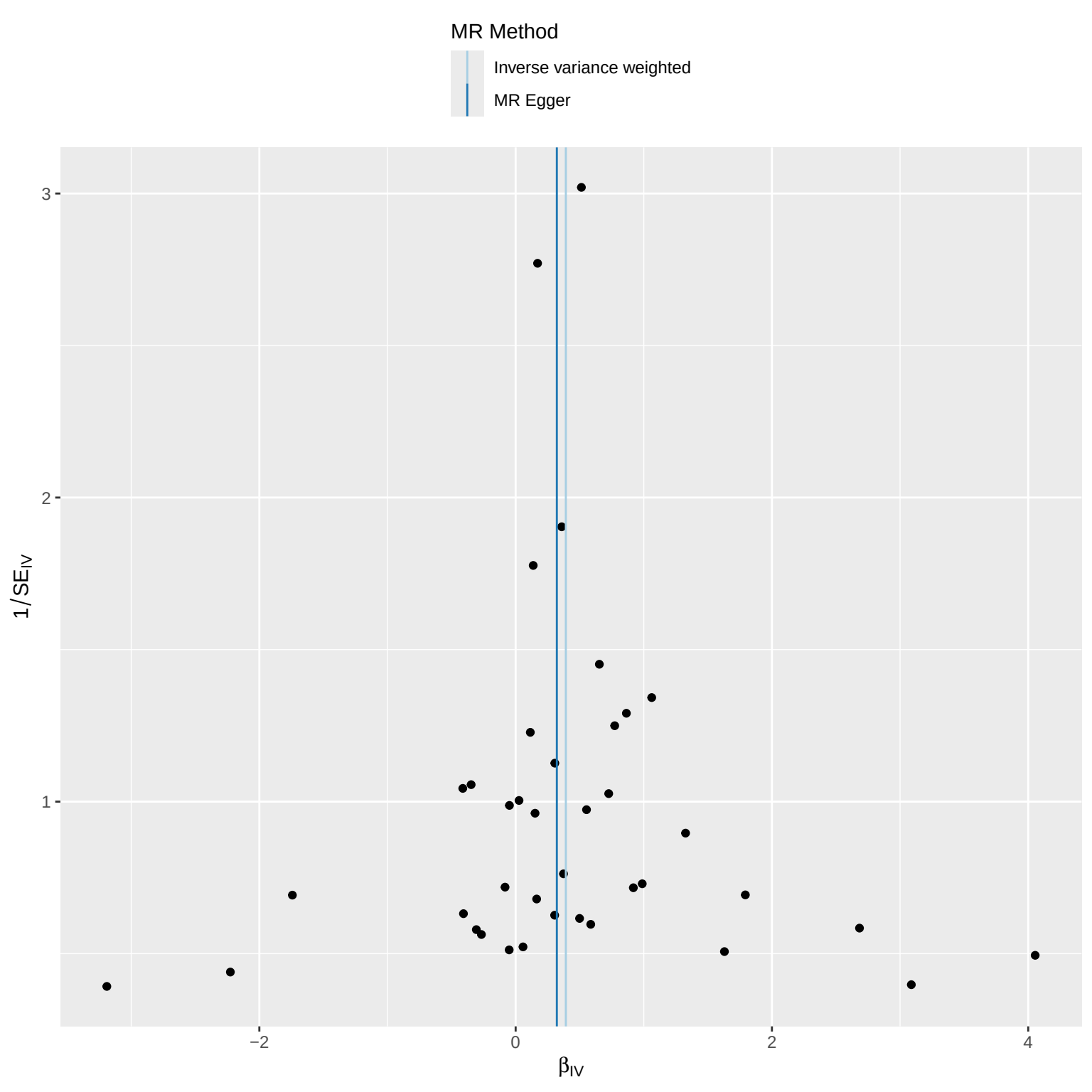

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
0
1
2
3
β_IV

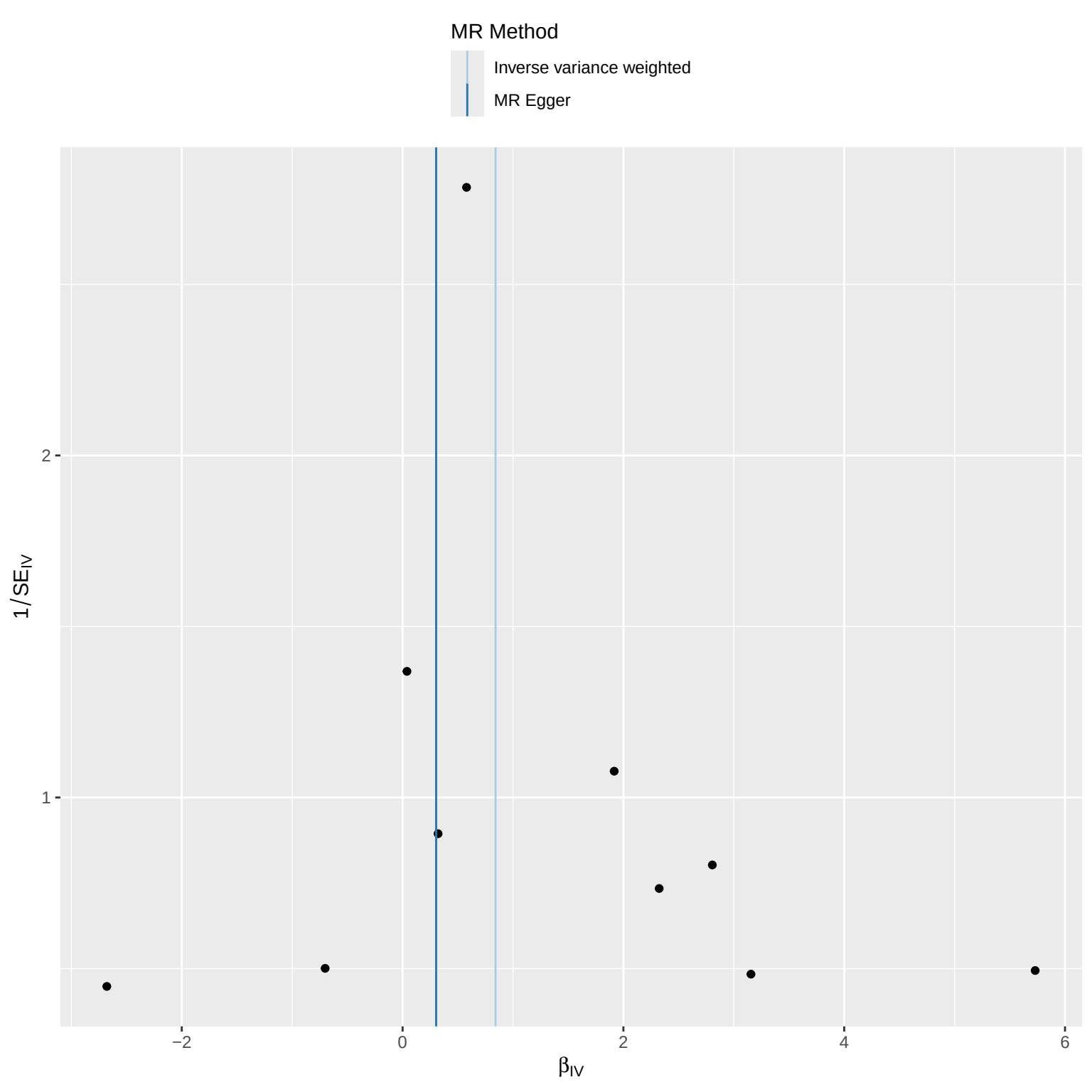

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−4
−2
0
2
β_IV

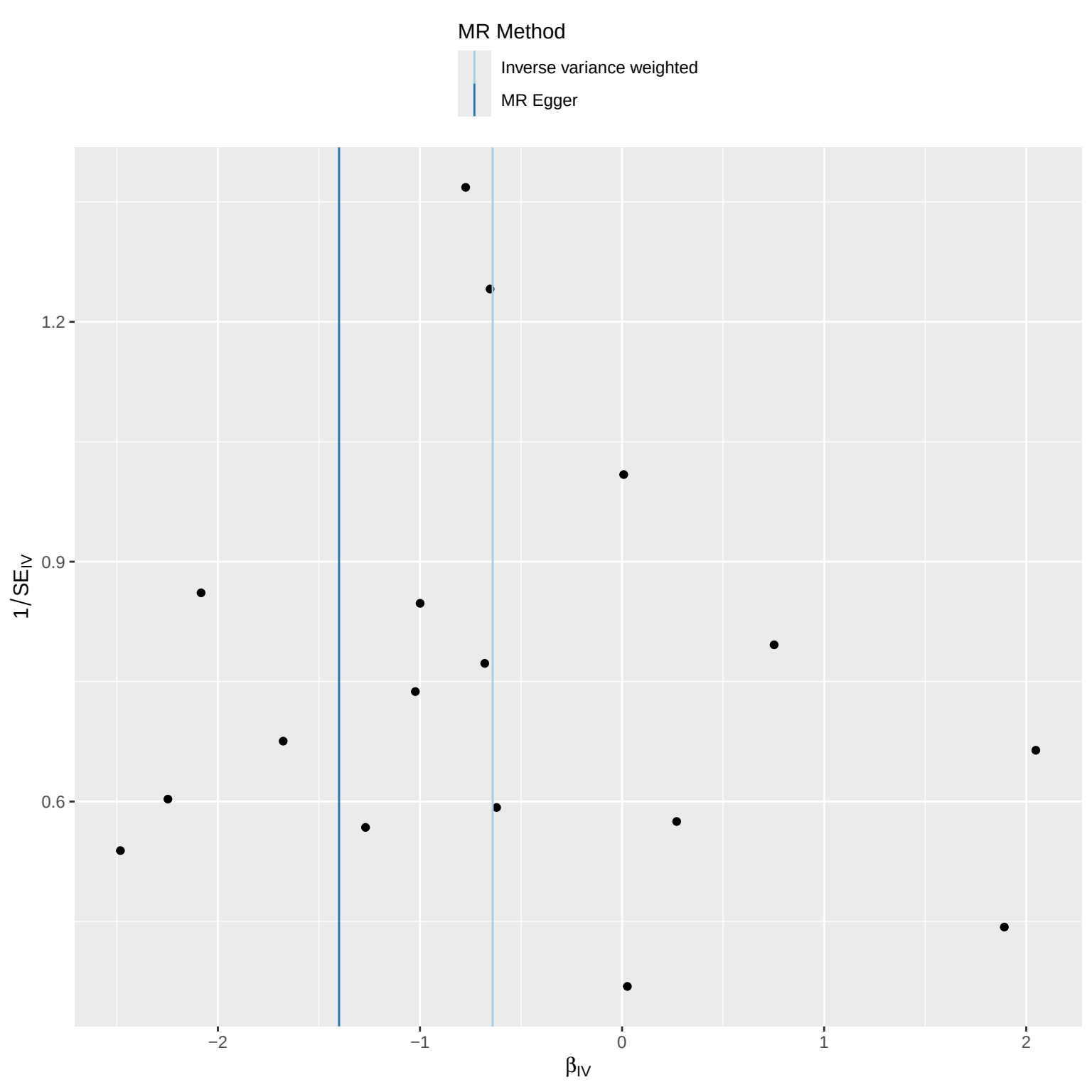

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
0.2
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

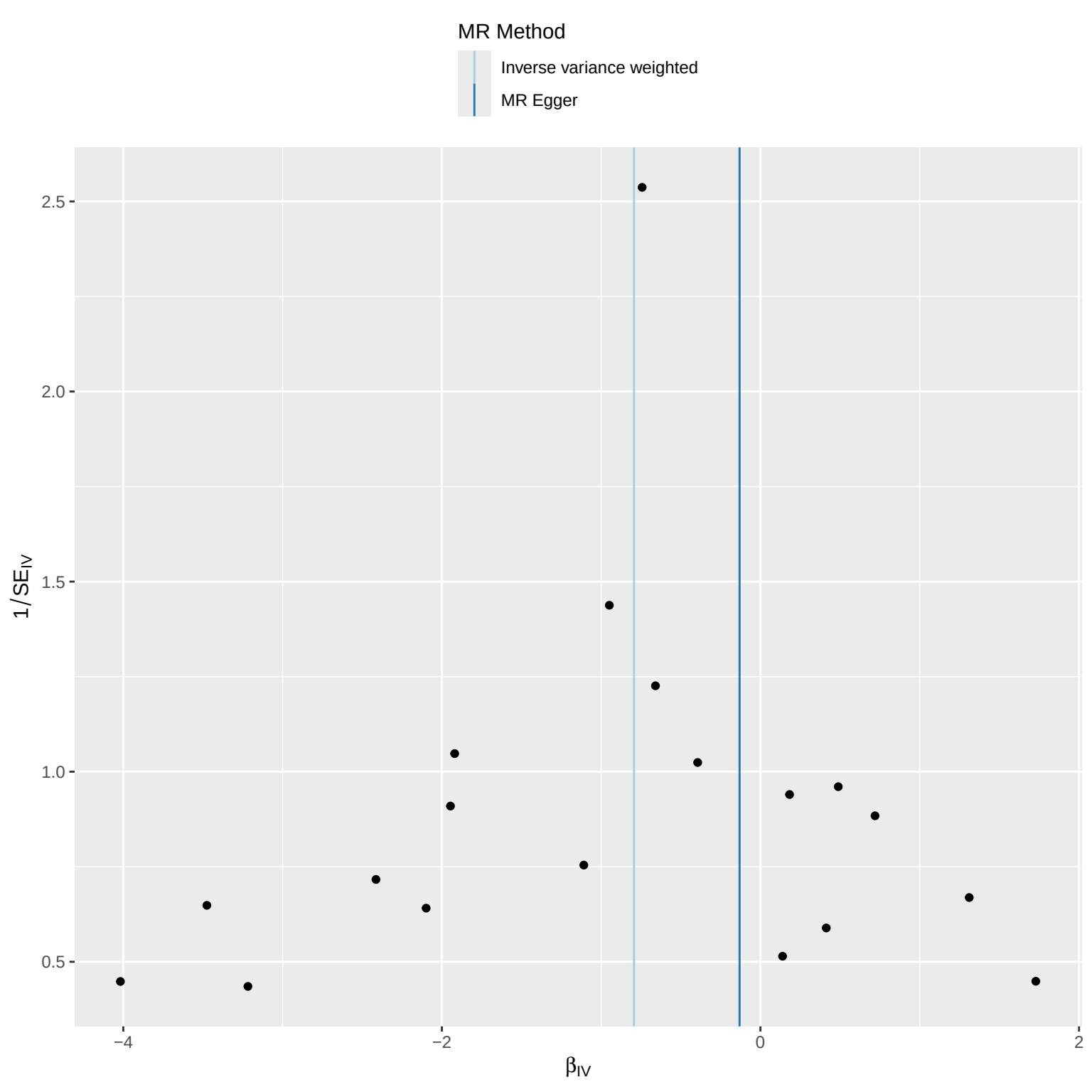

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

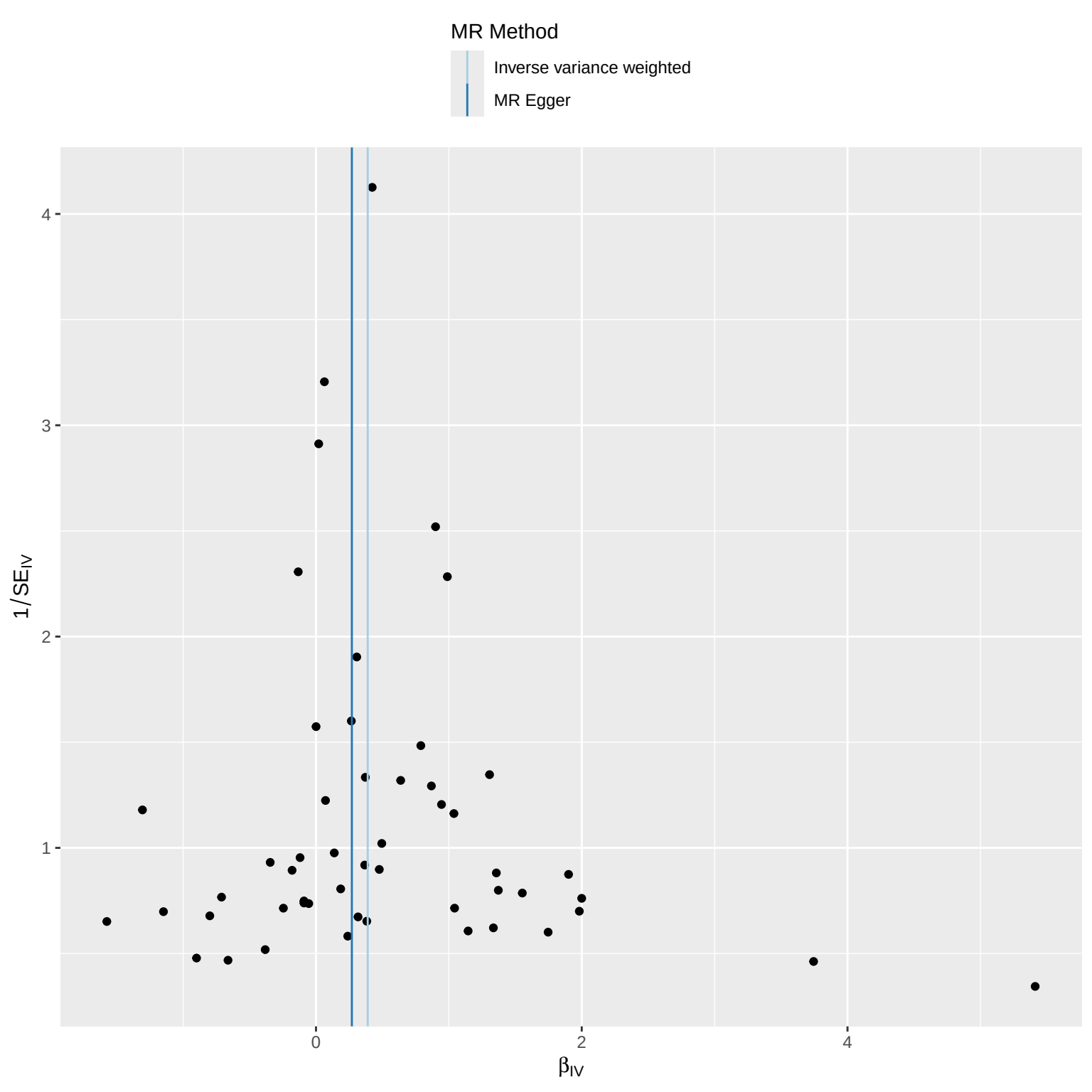

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

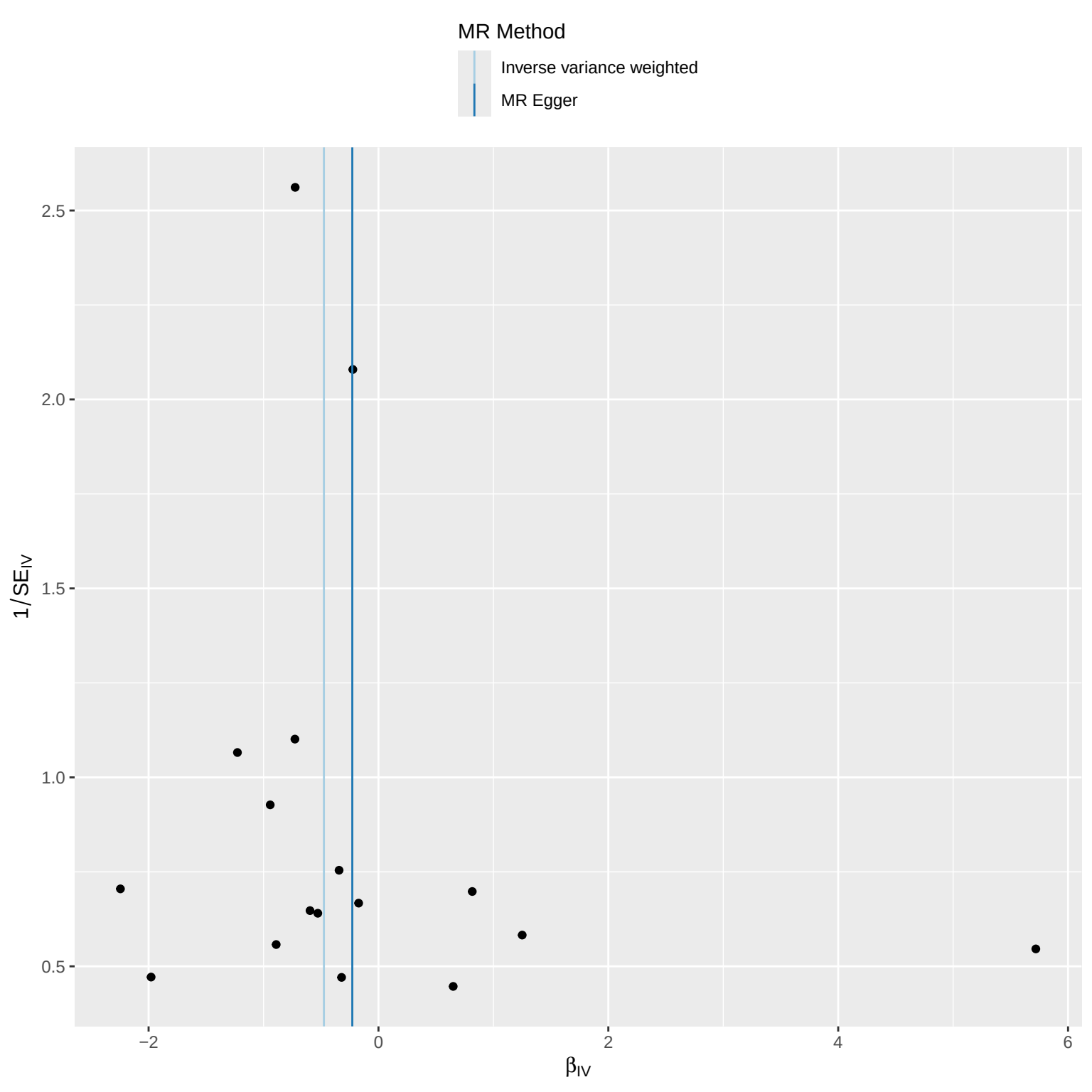

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

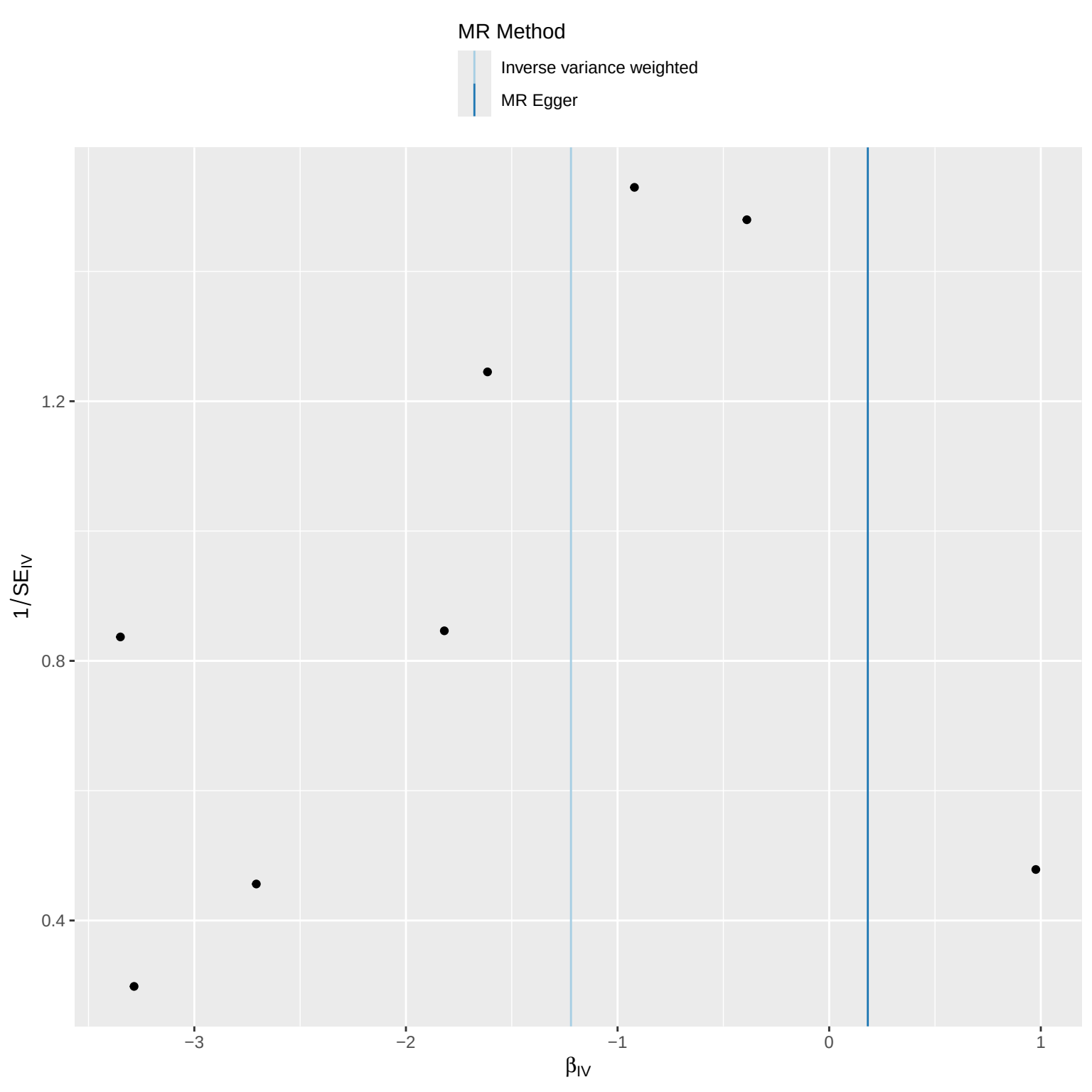

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
6
β_IV

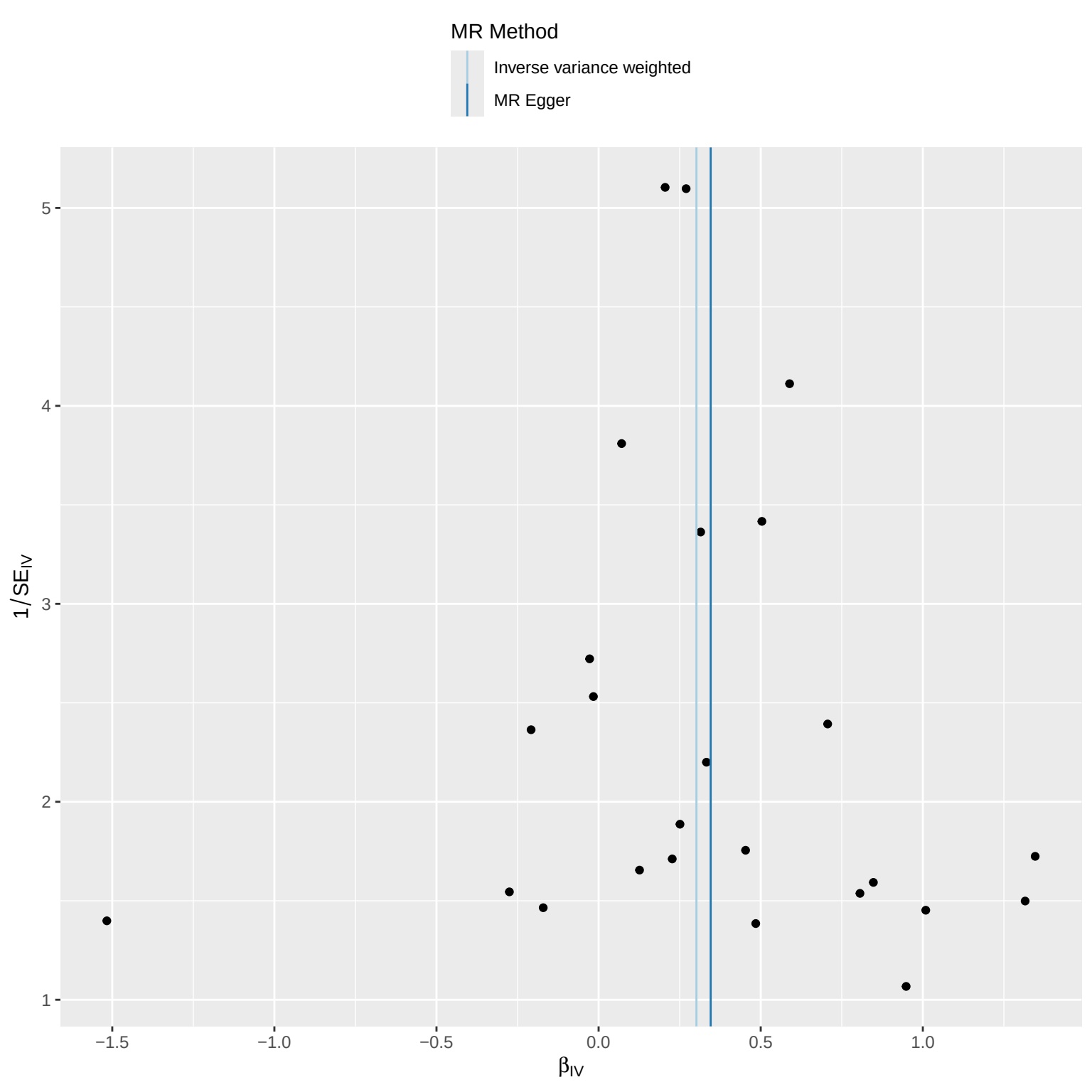

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
2
β_IV

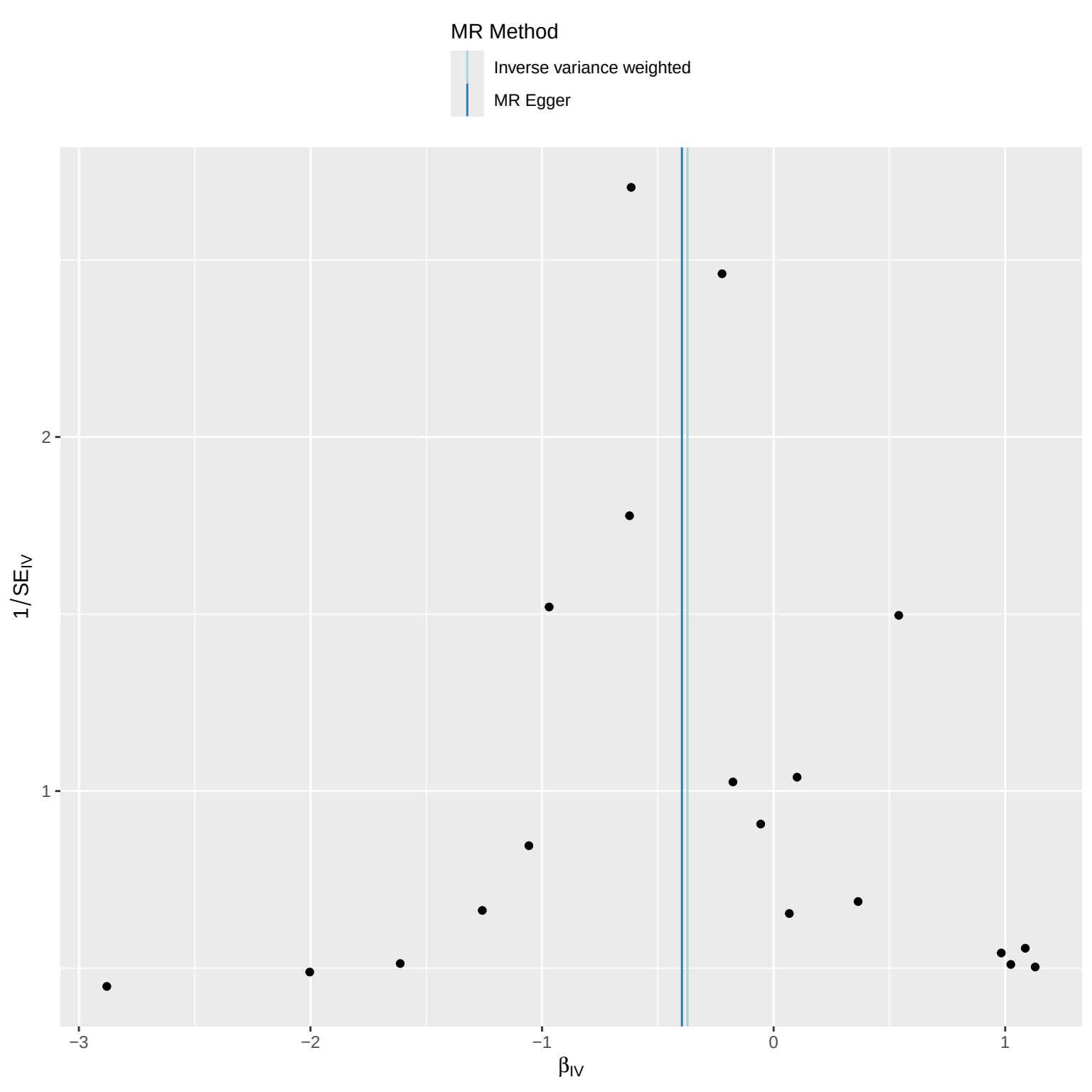

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

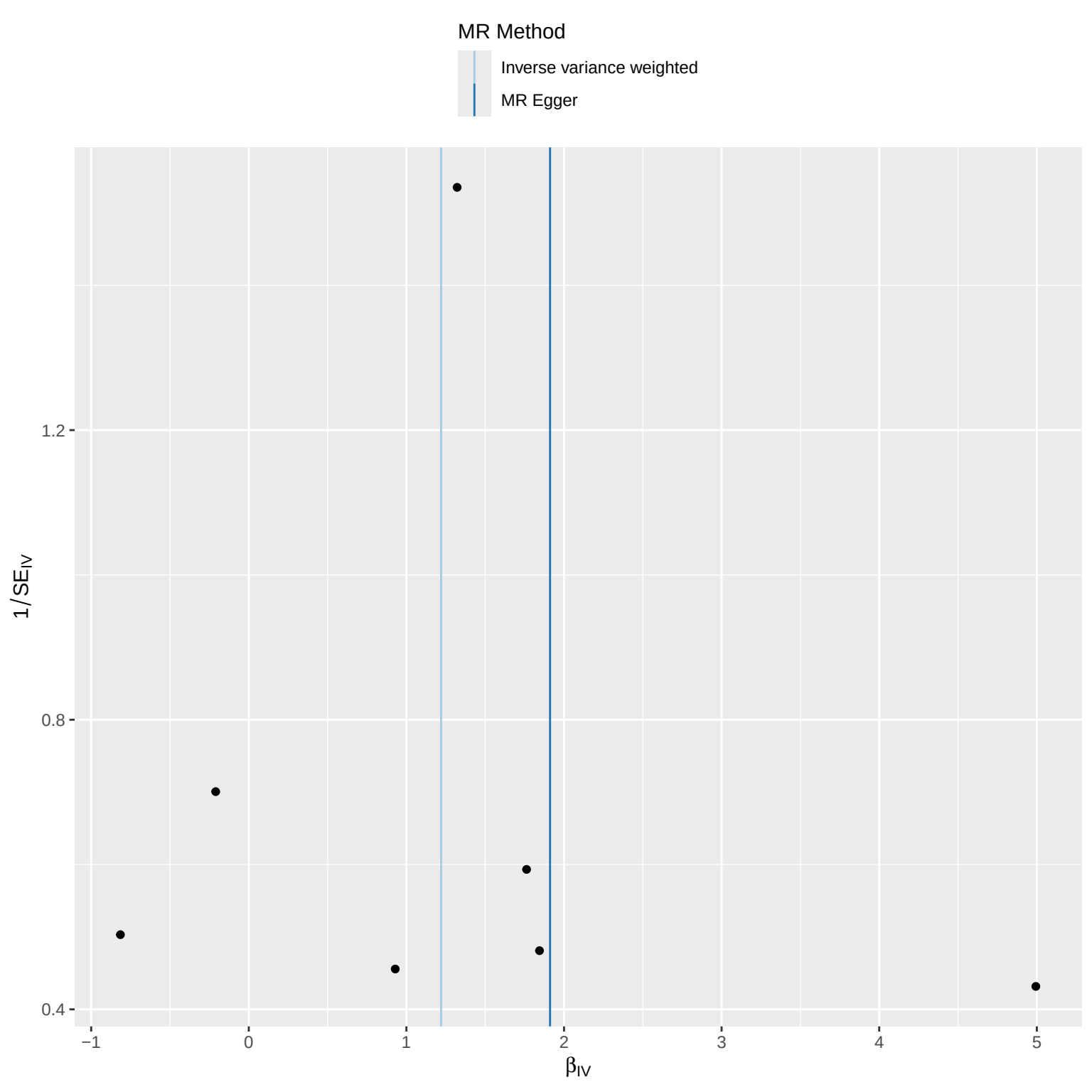

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
2
4
1/SE_IV
β_IV

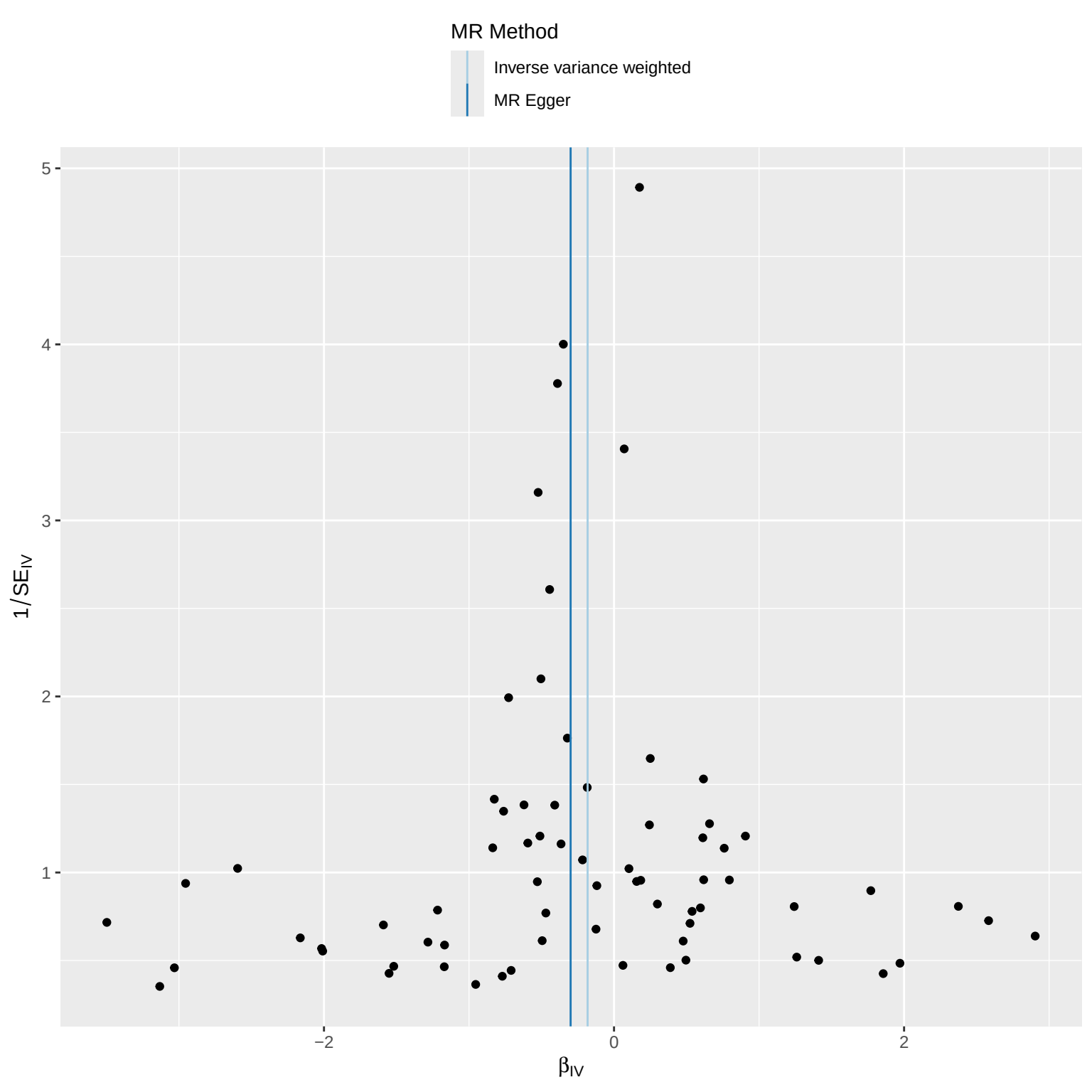

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
6
β_IV

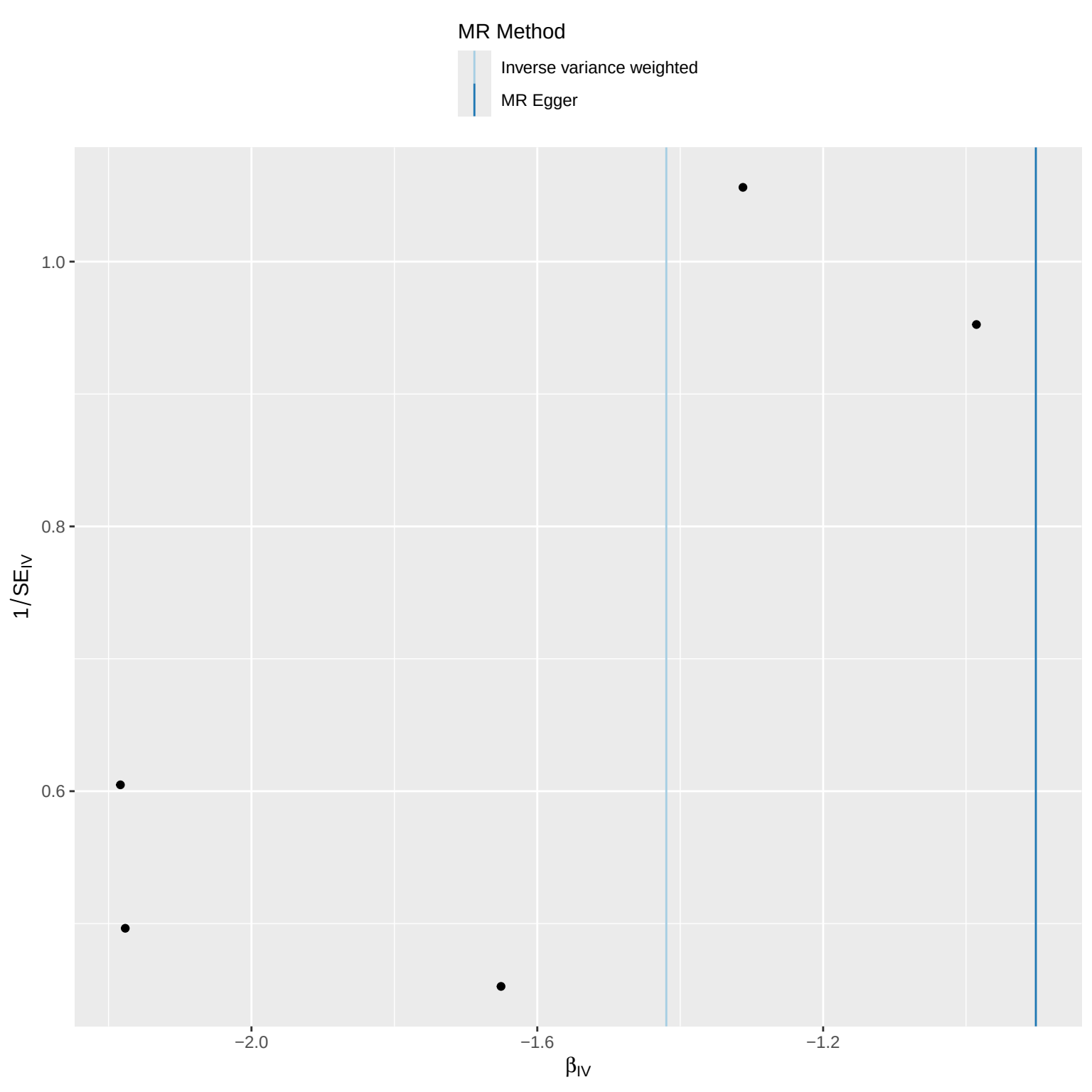

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

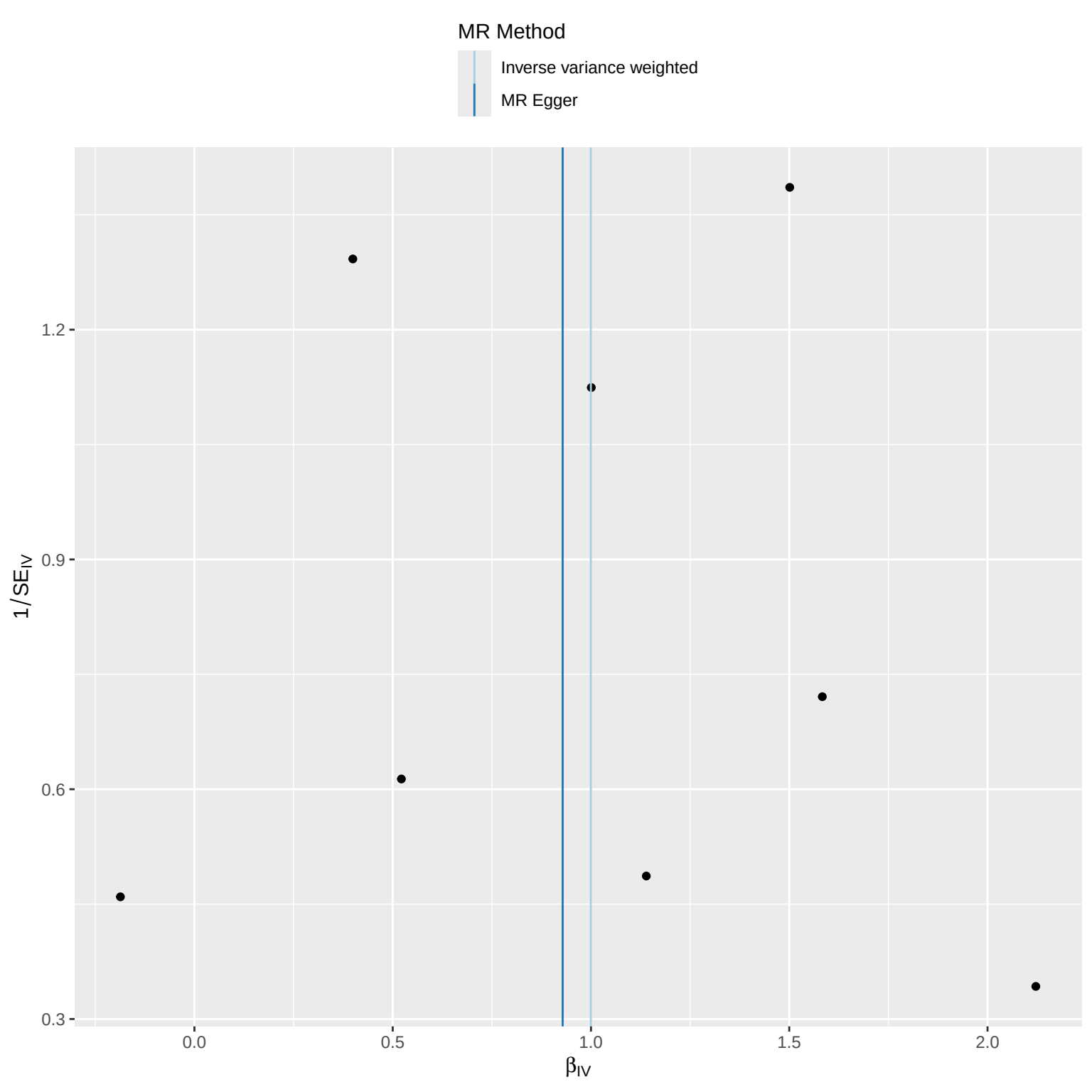

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

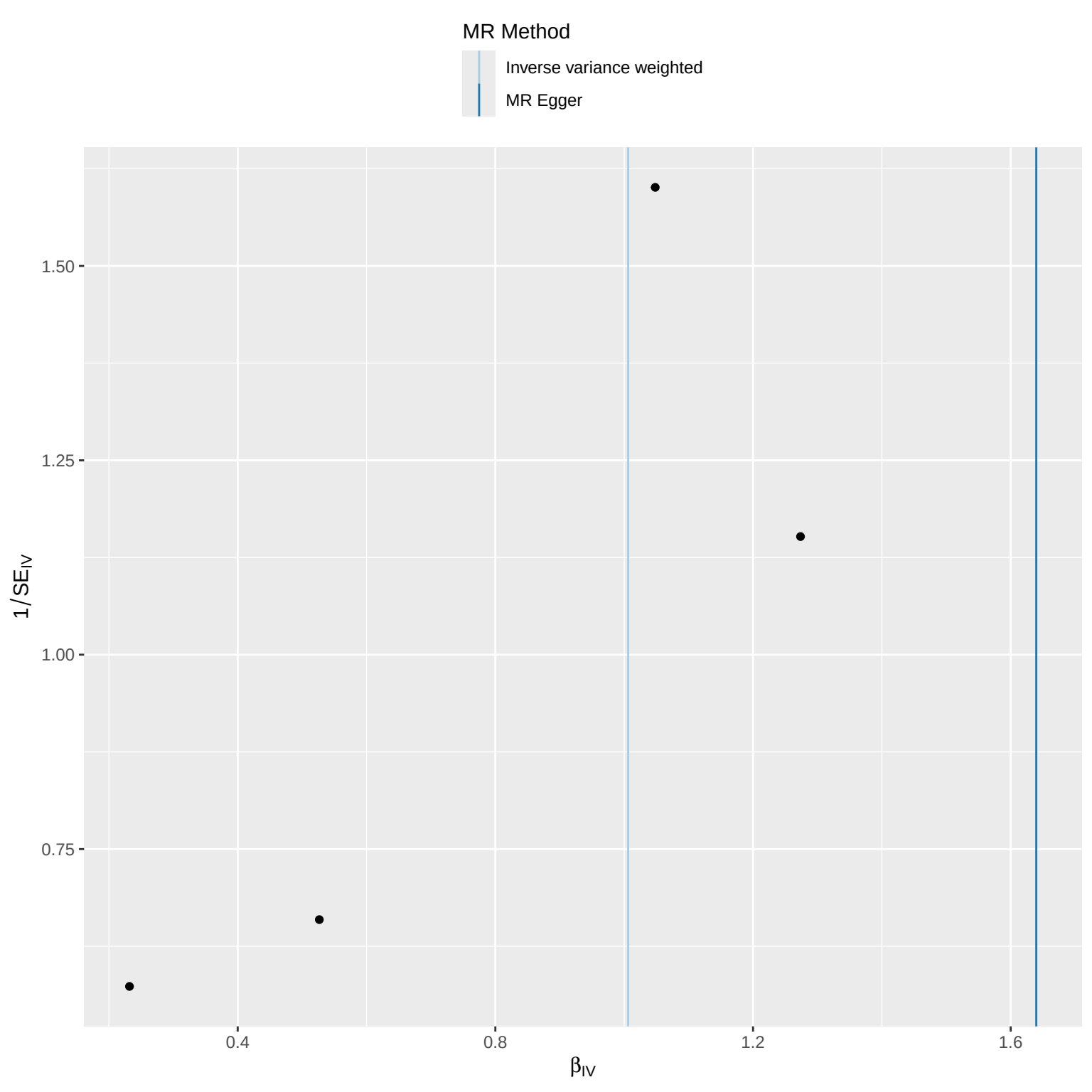

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

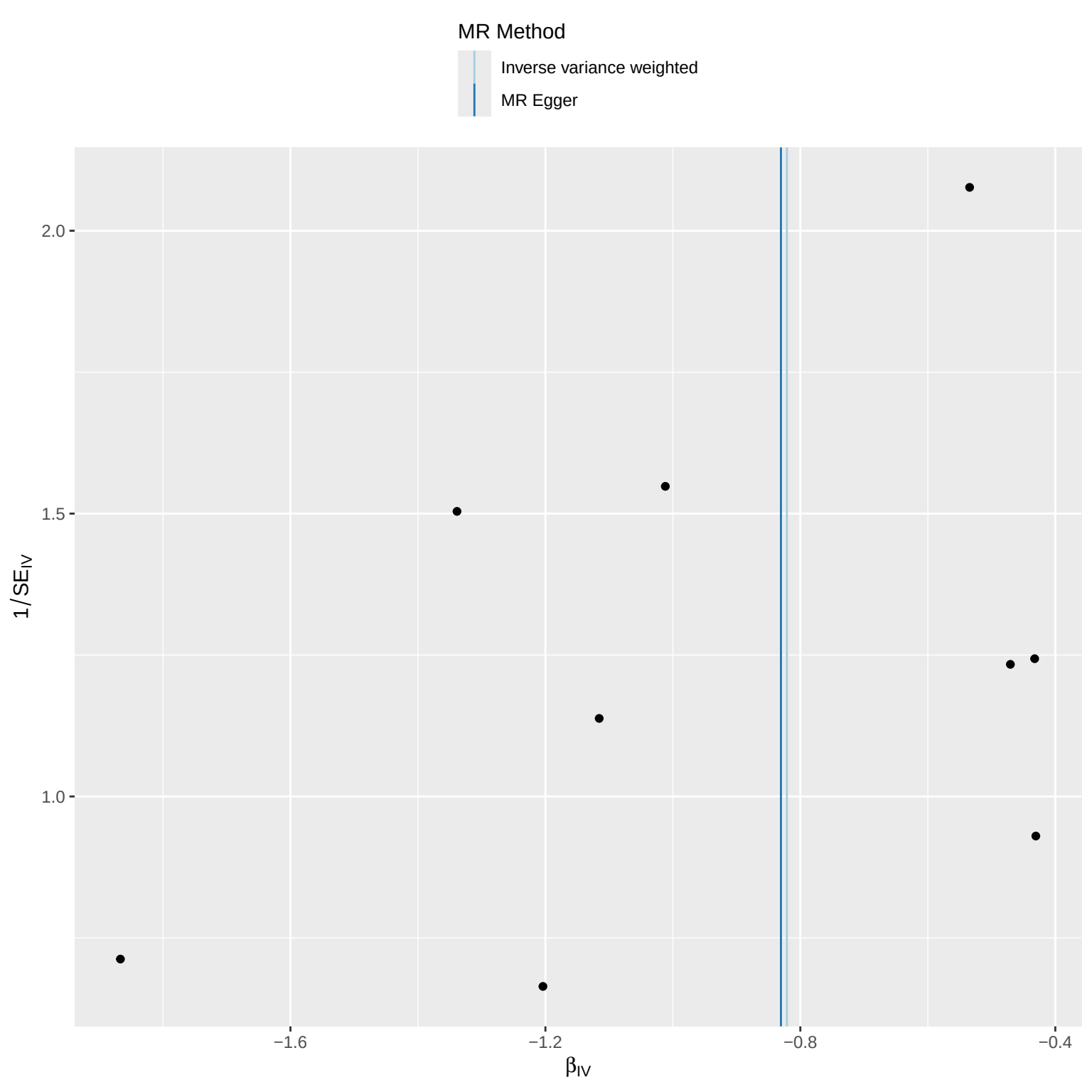

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
3
4
5
β_IV

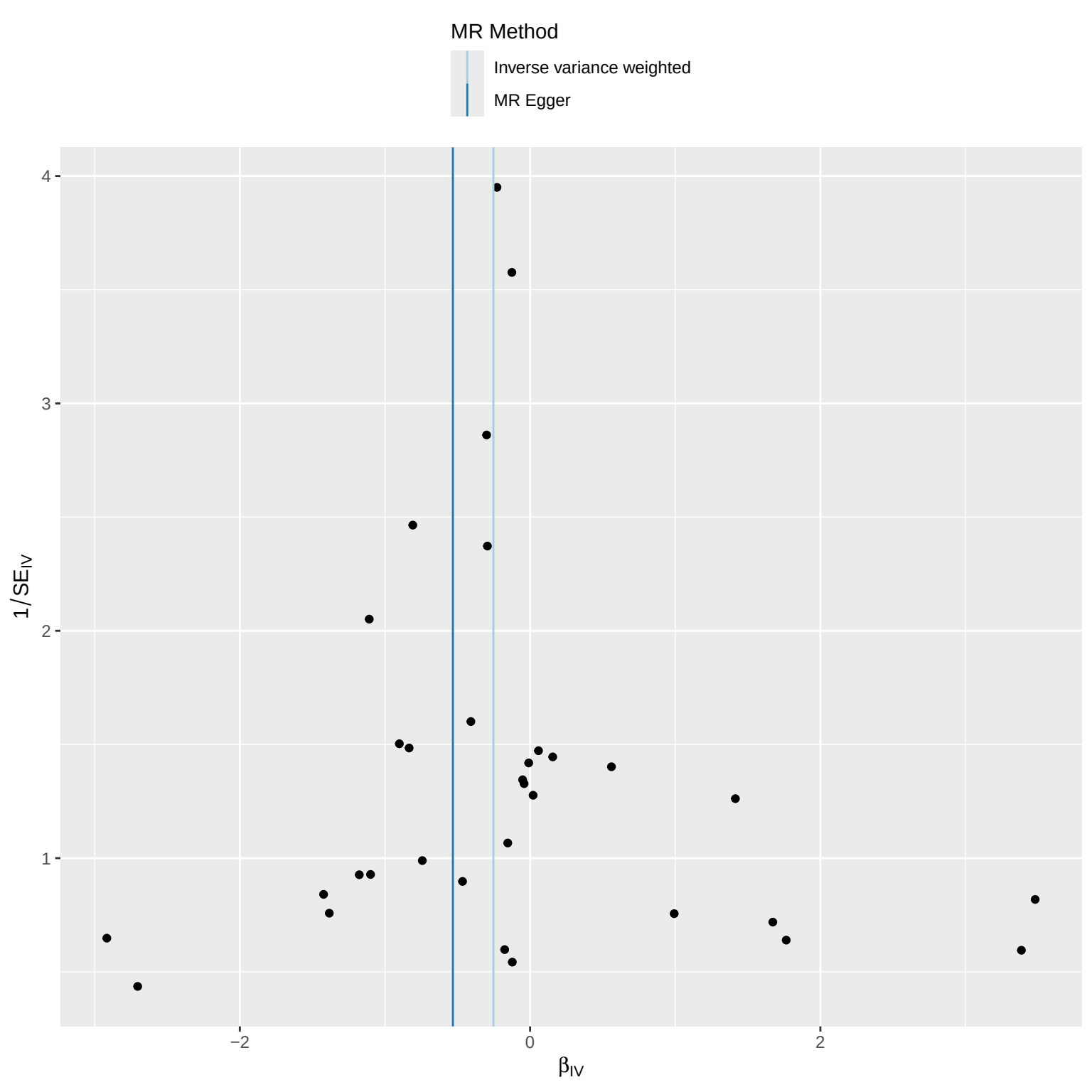

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

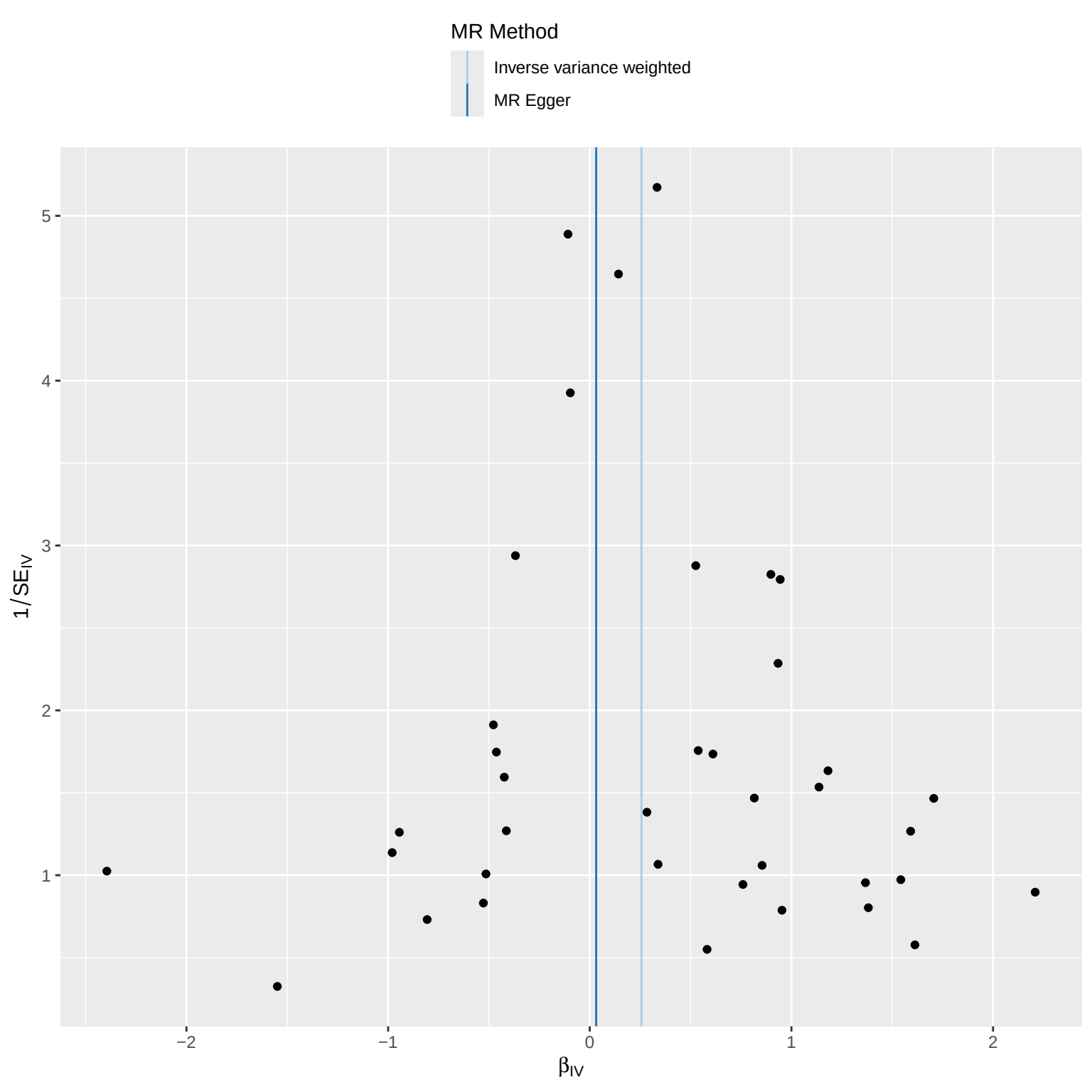

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−2.0
−1.6
−1.2
β_IV

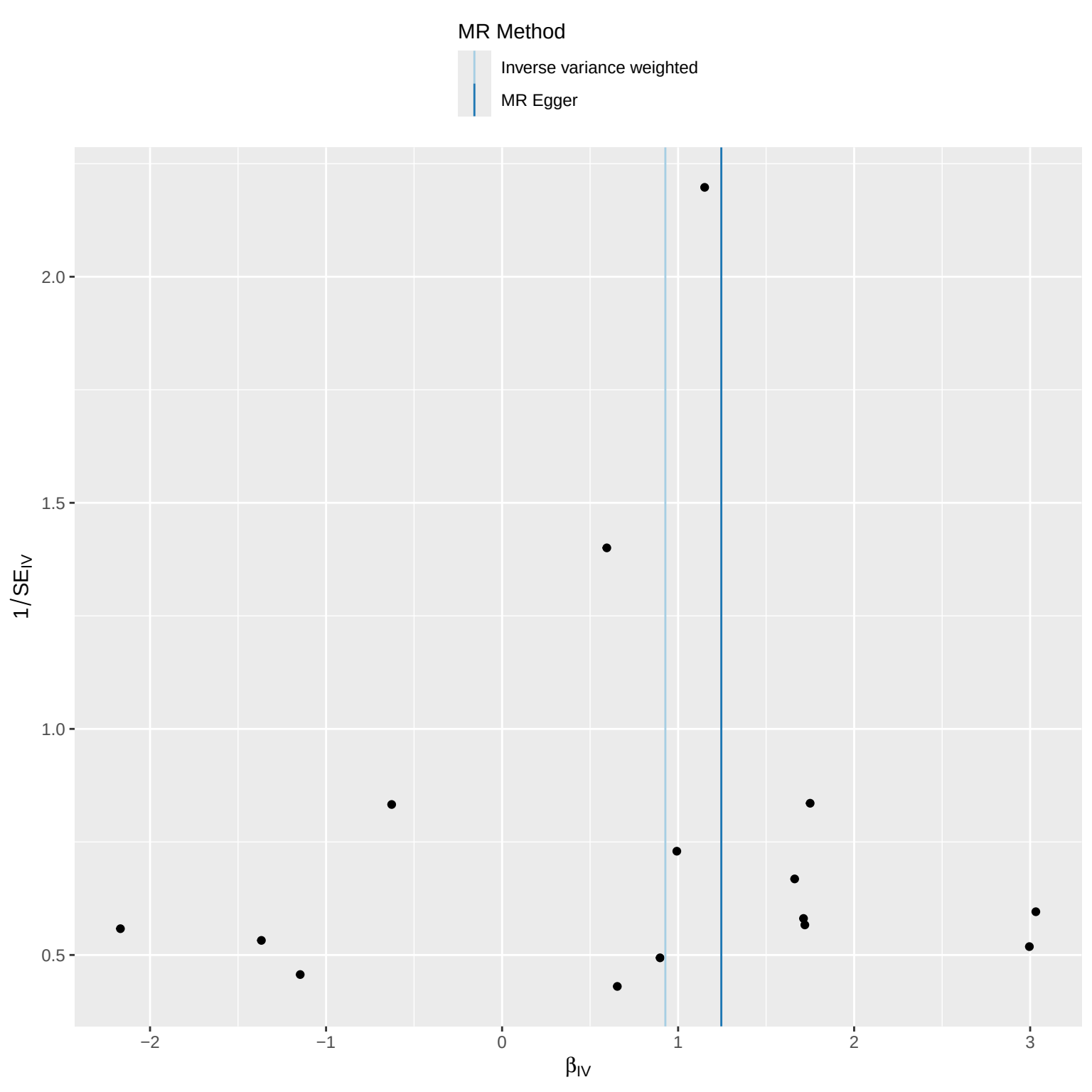

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

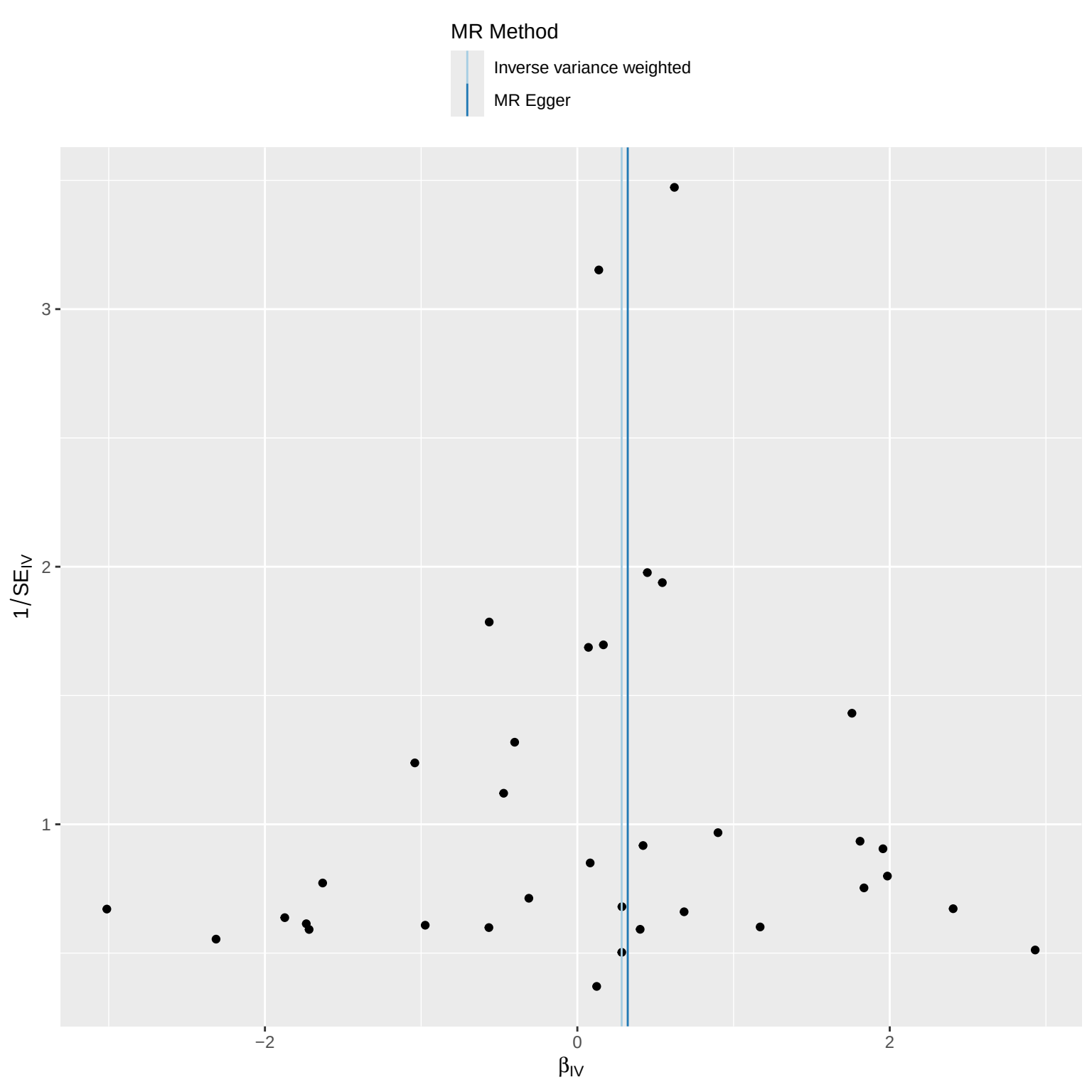

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0.4
0.8
1.2
1.6
β_IV

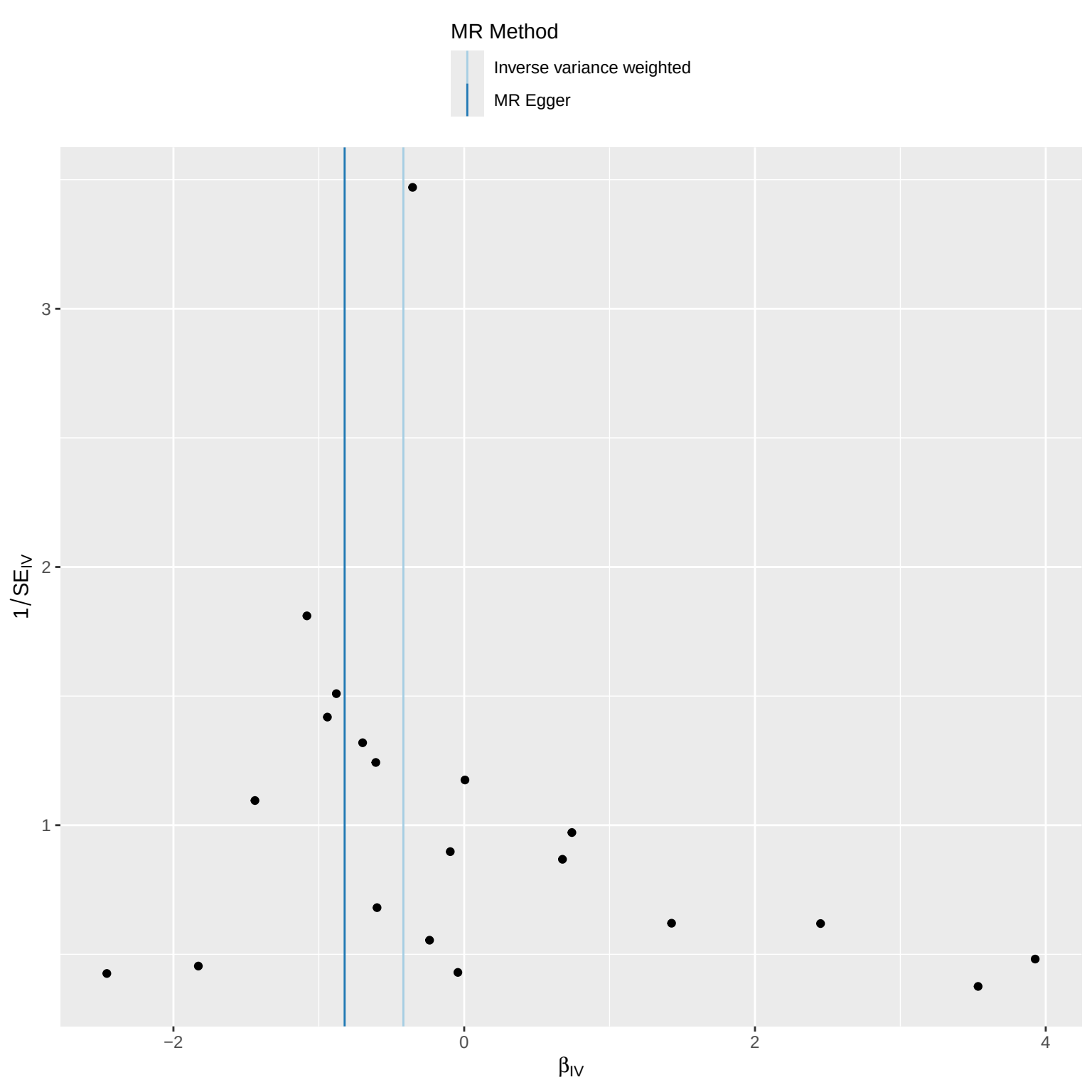

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.6
−1.2
−0.8
−0.4
β_IV

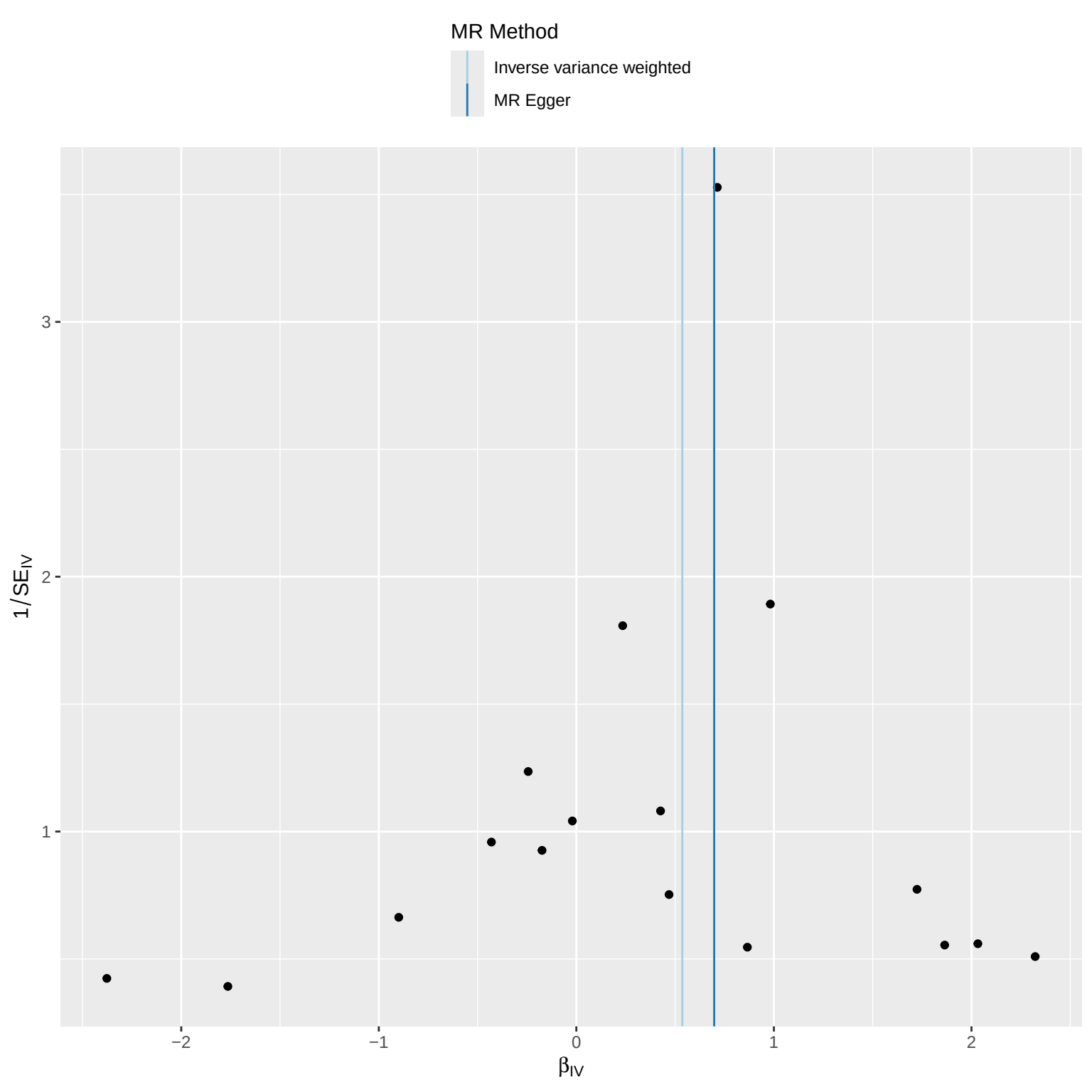

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

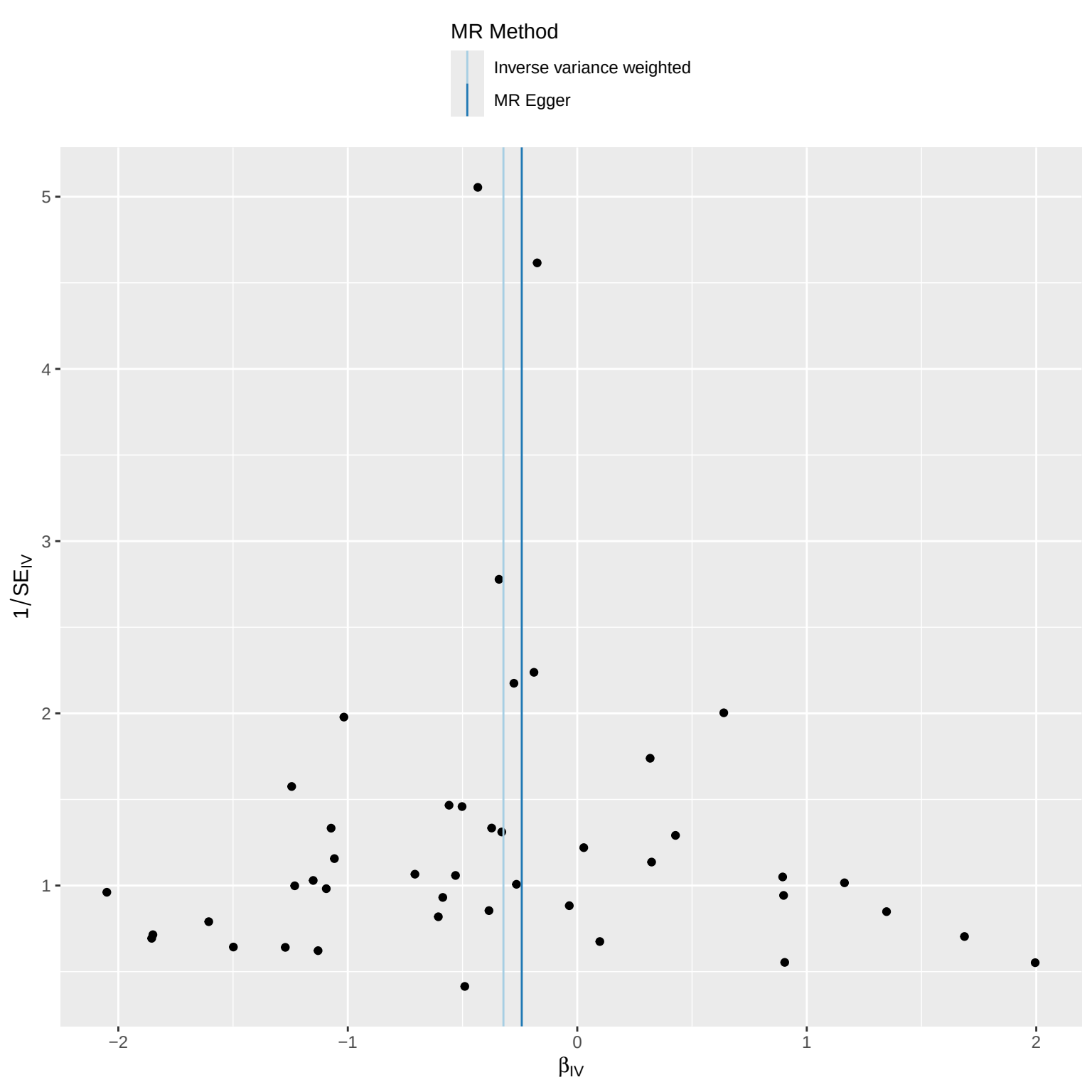

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

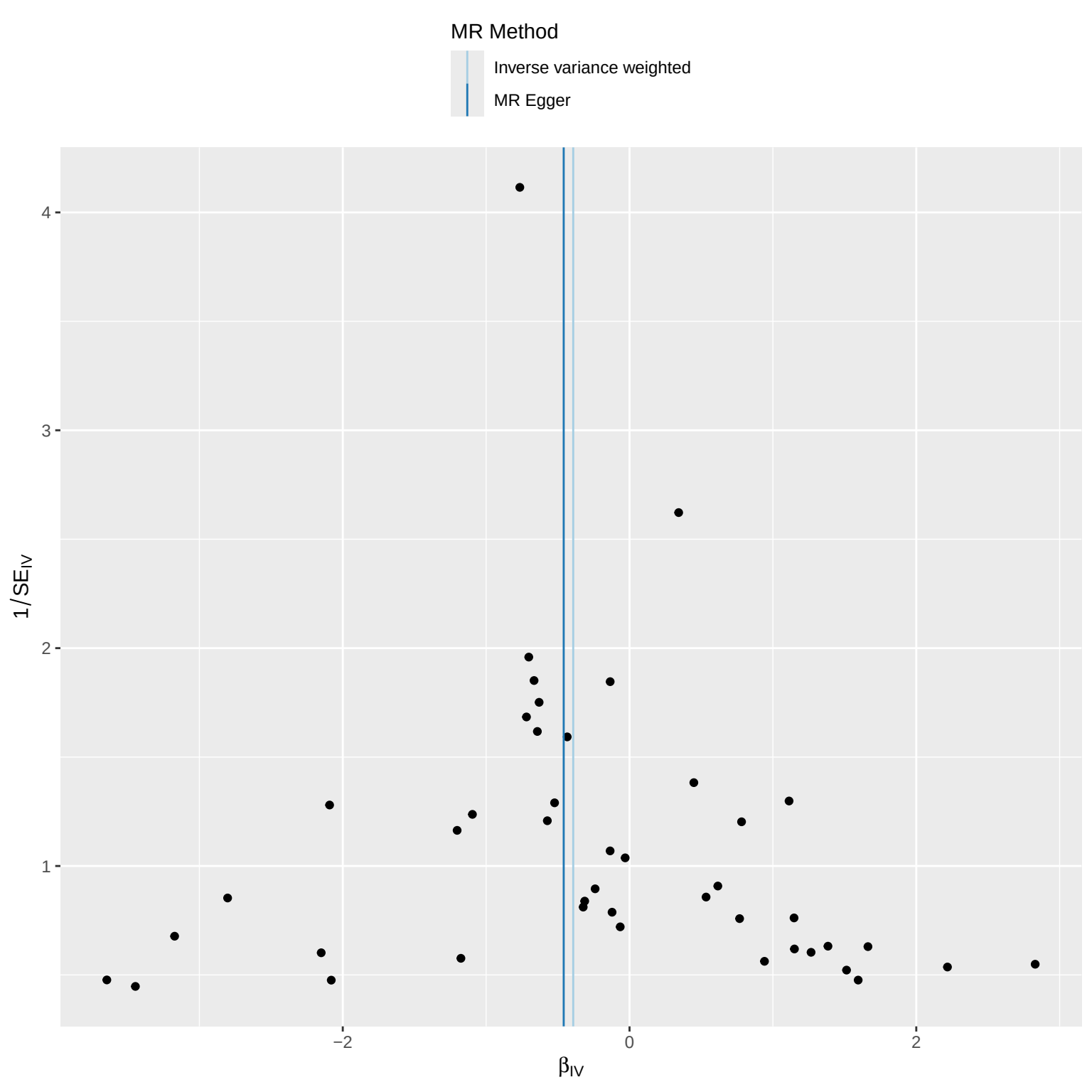

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

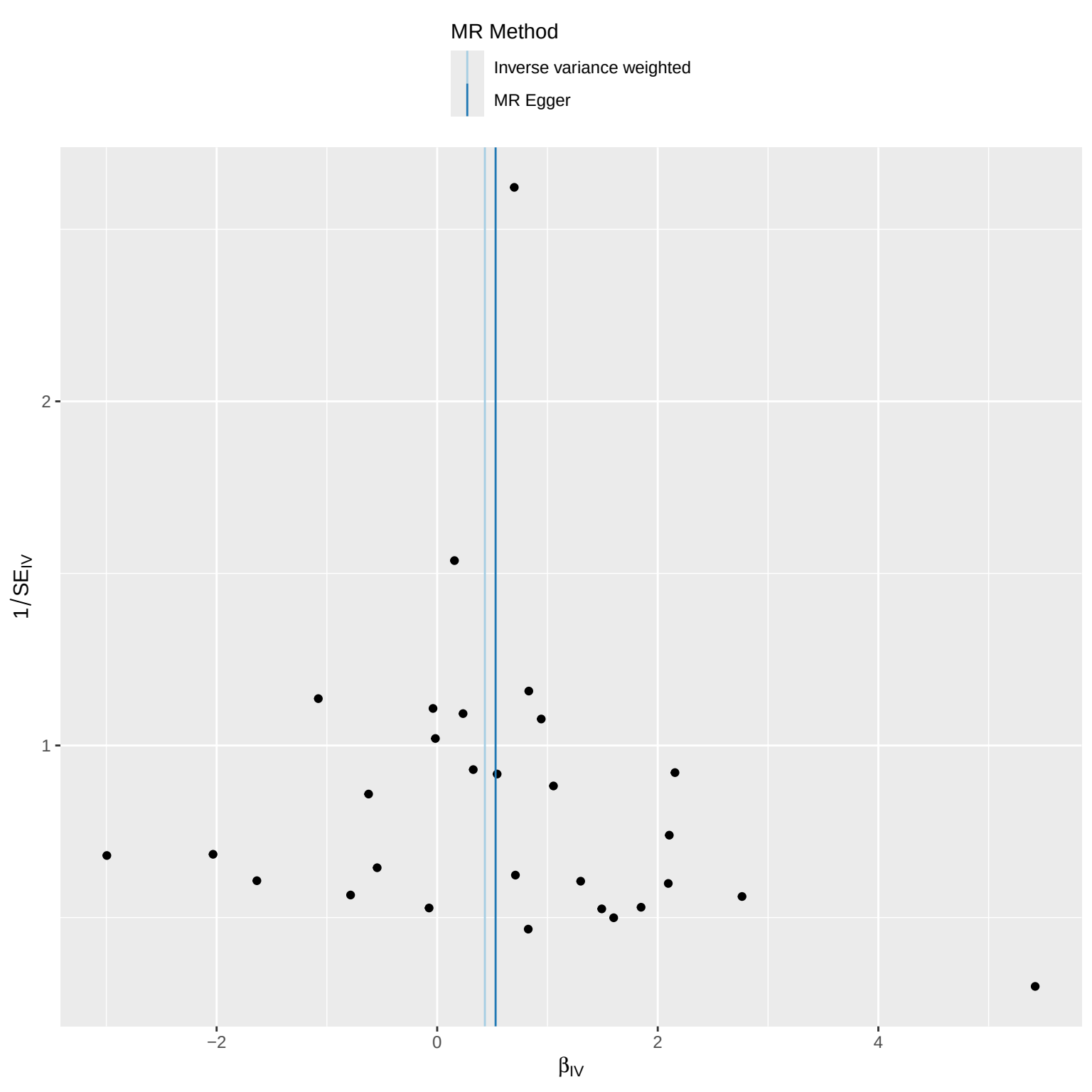

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

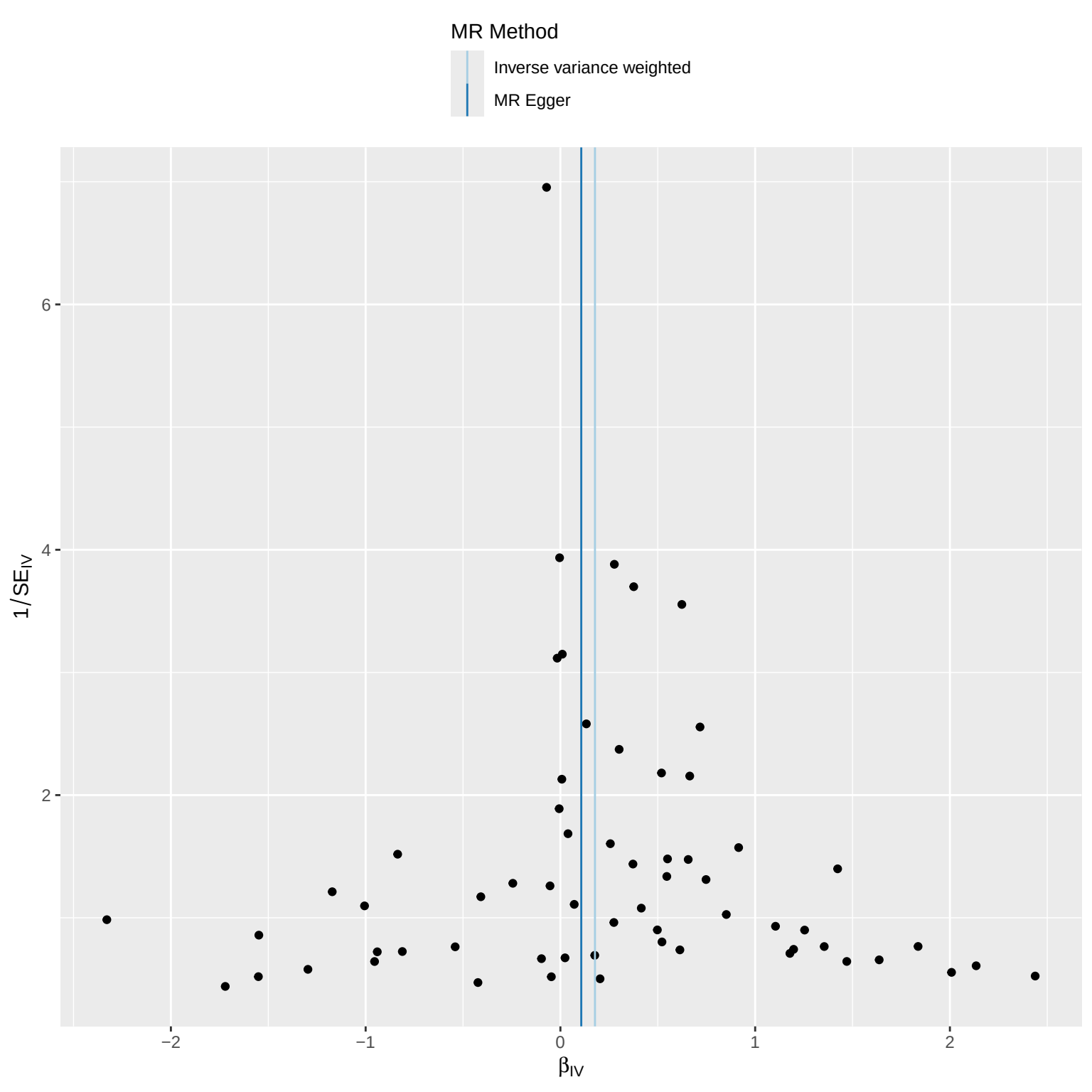

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

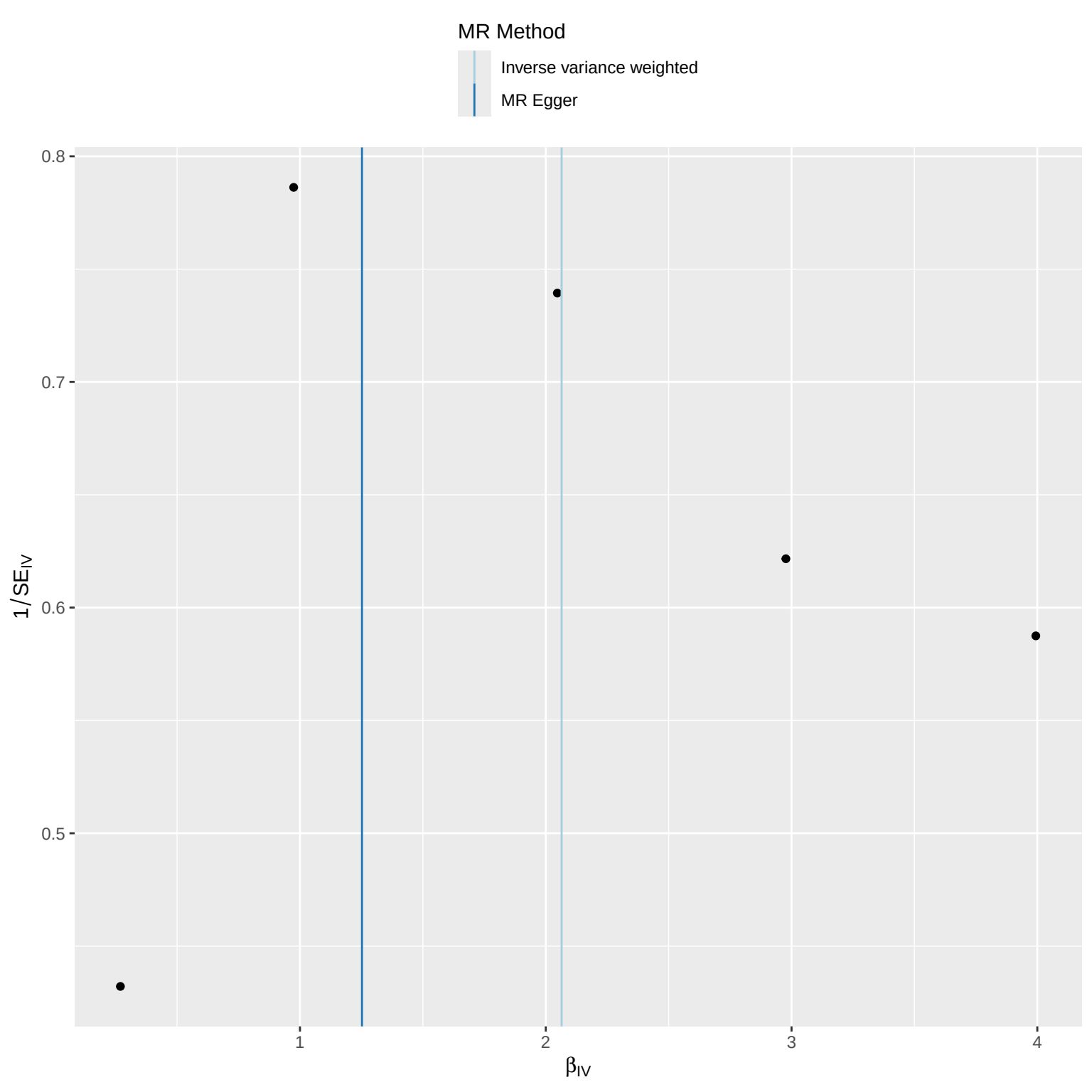

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

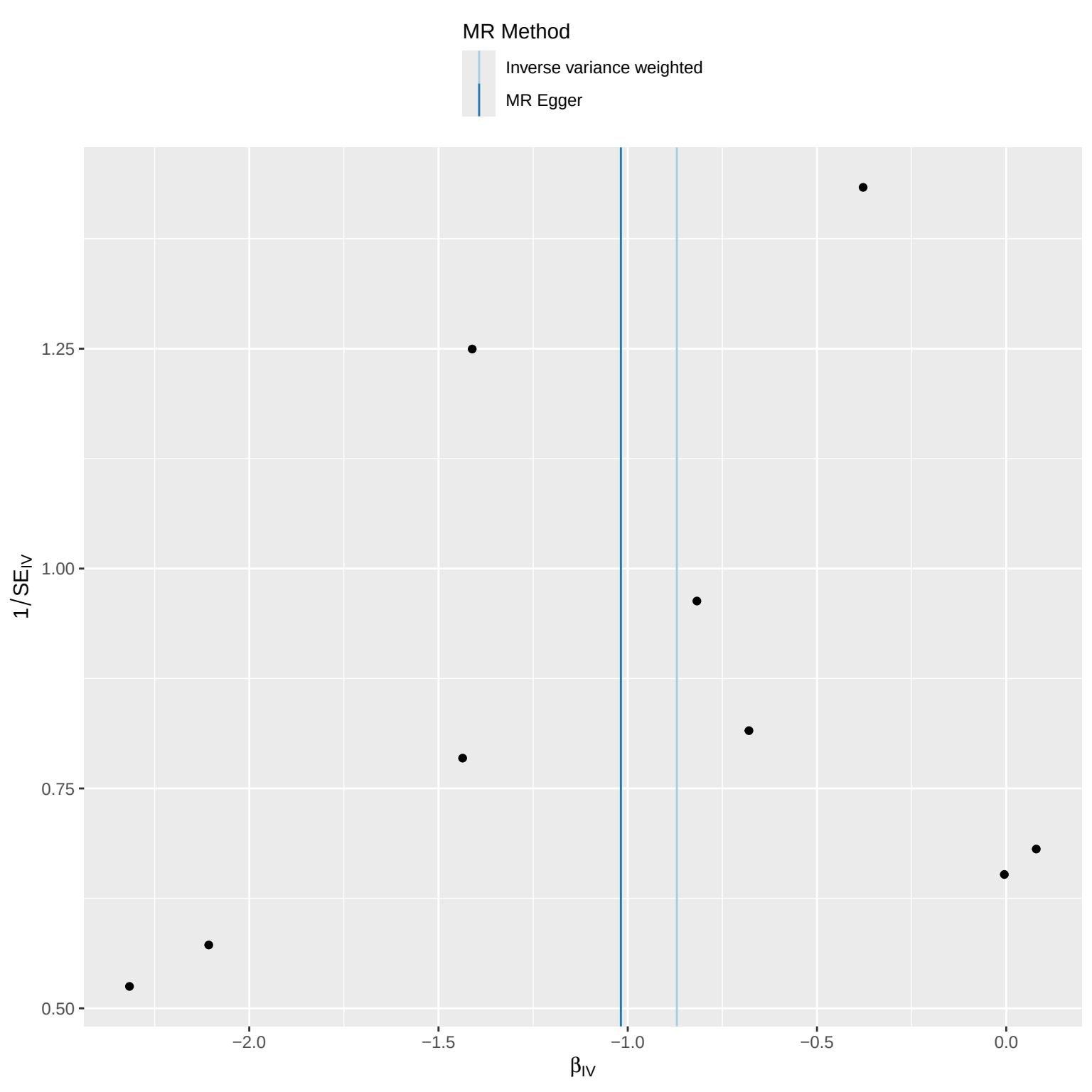

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

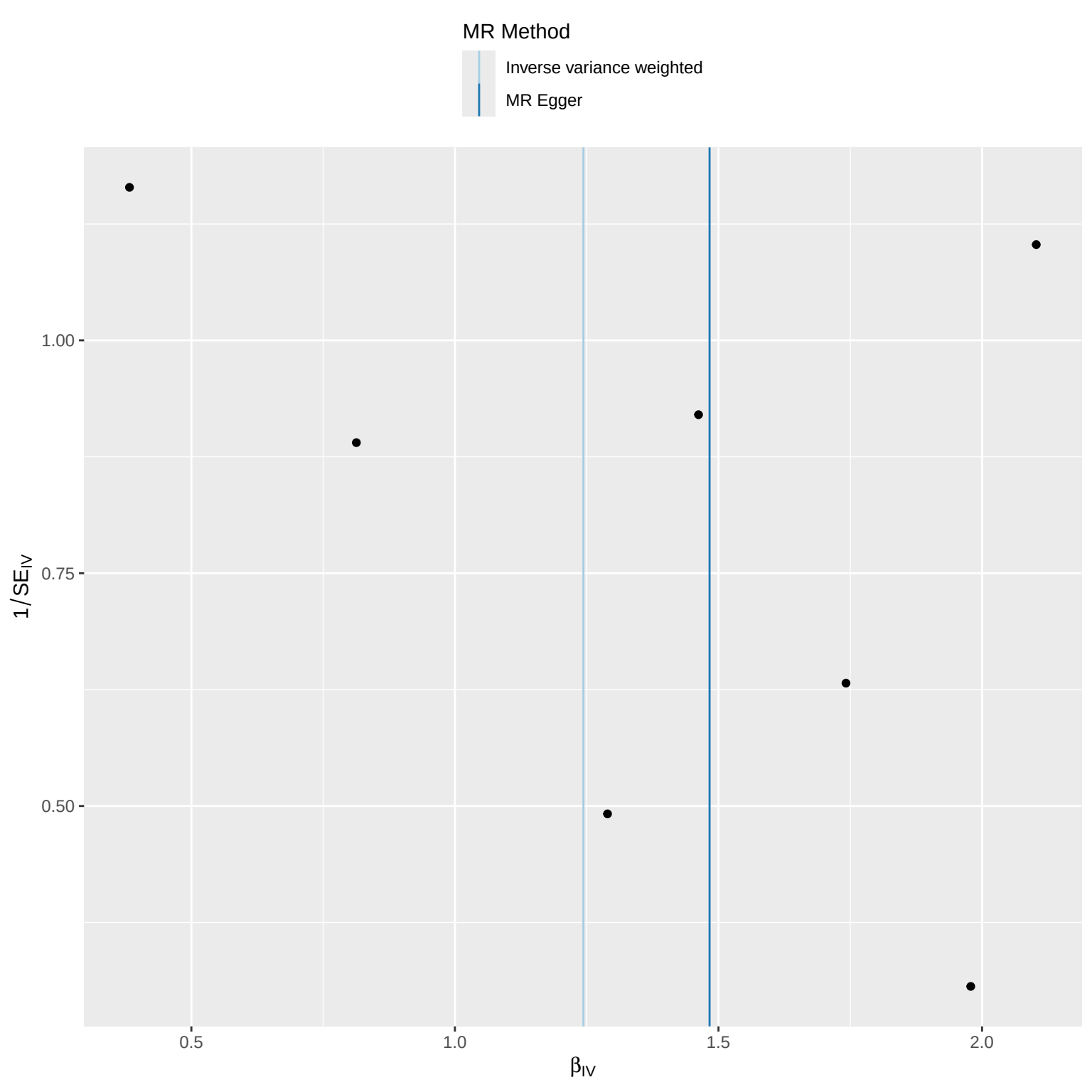

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

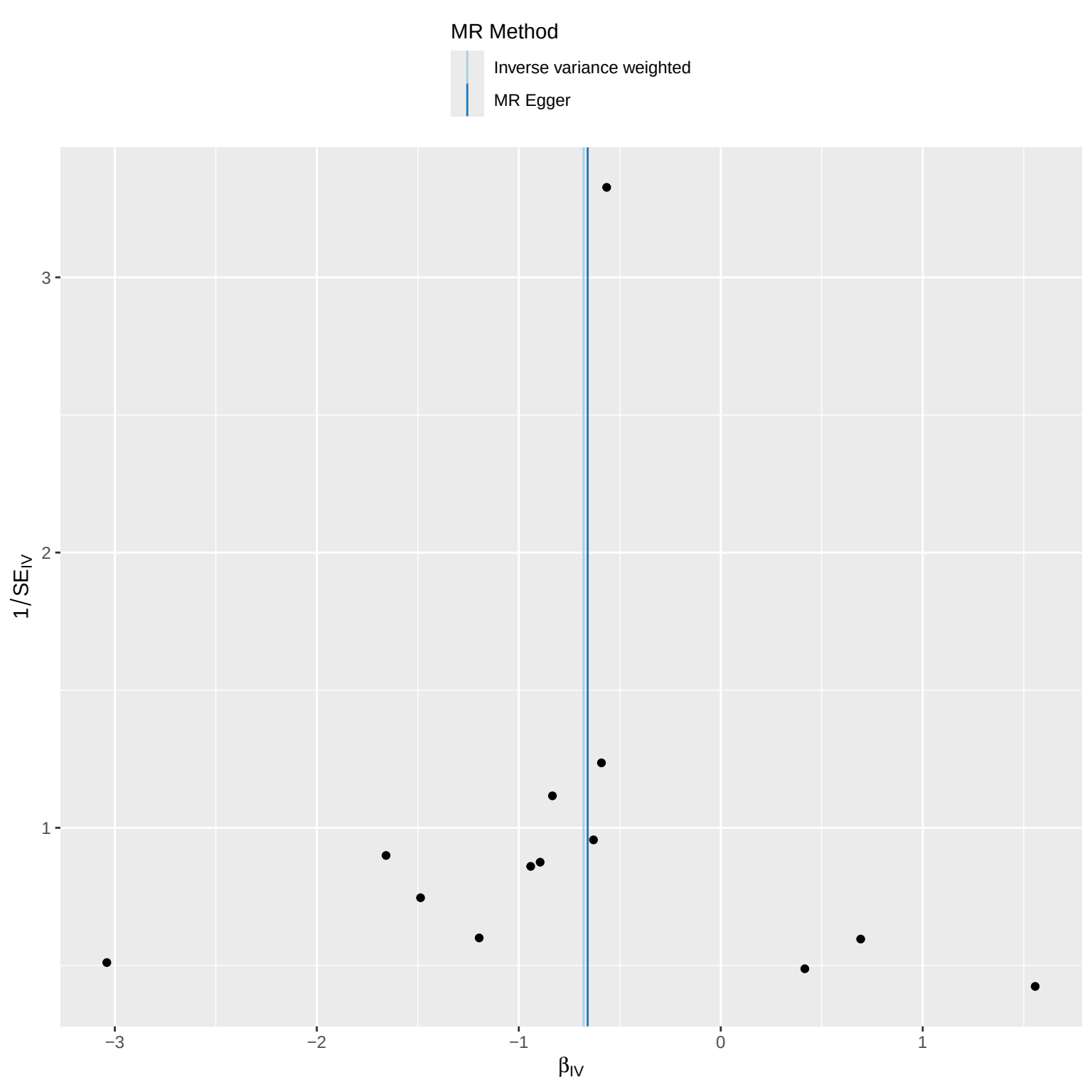

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

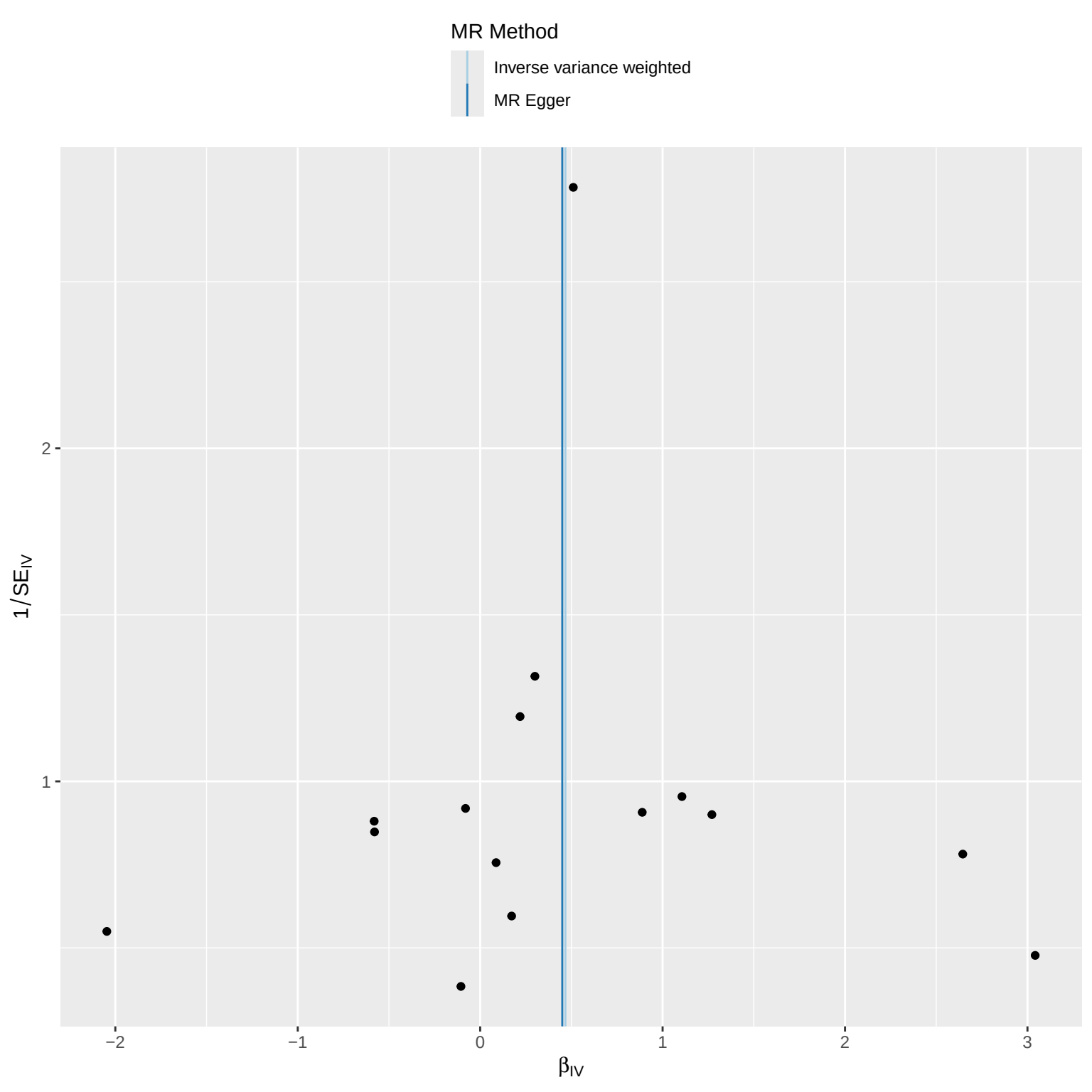

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

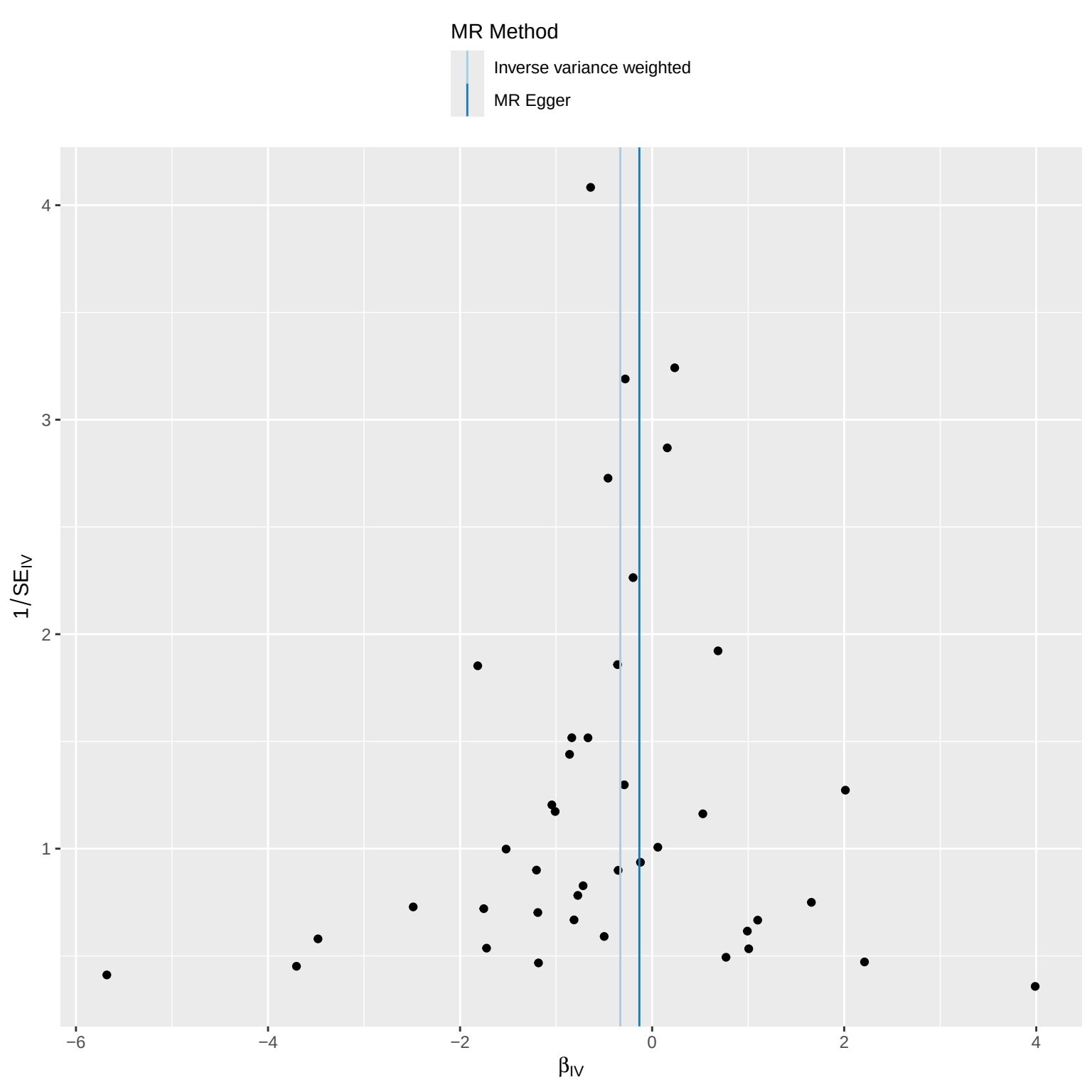

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
1
2
3
4
β_IV

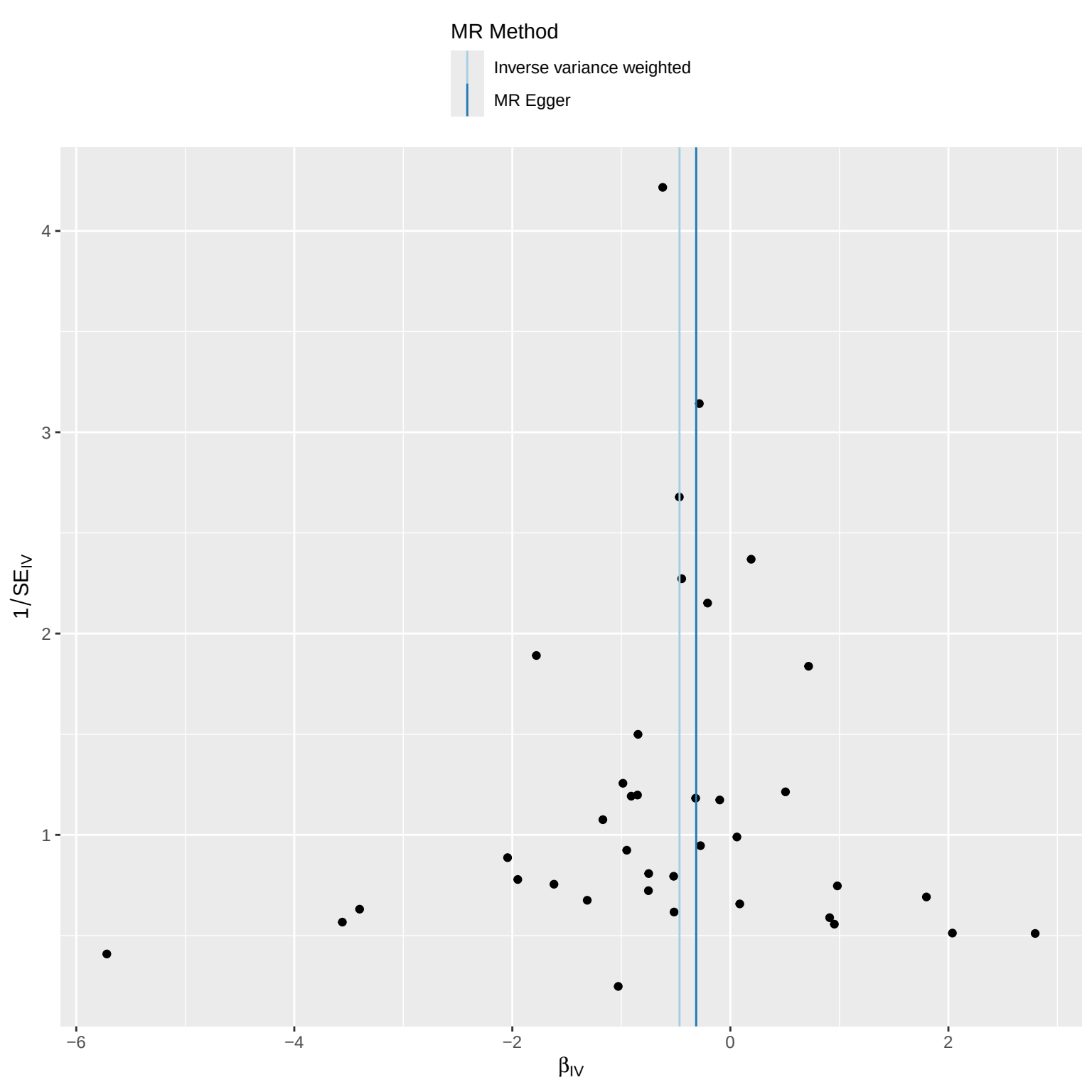

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

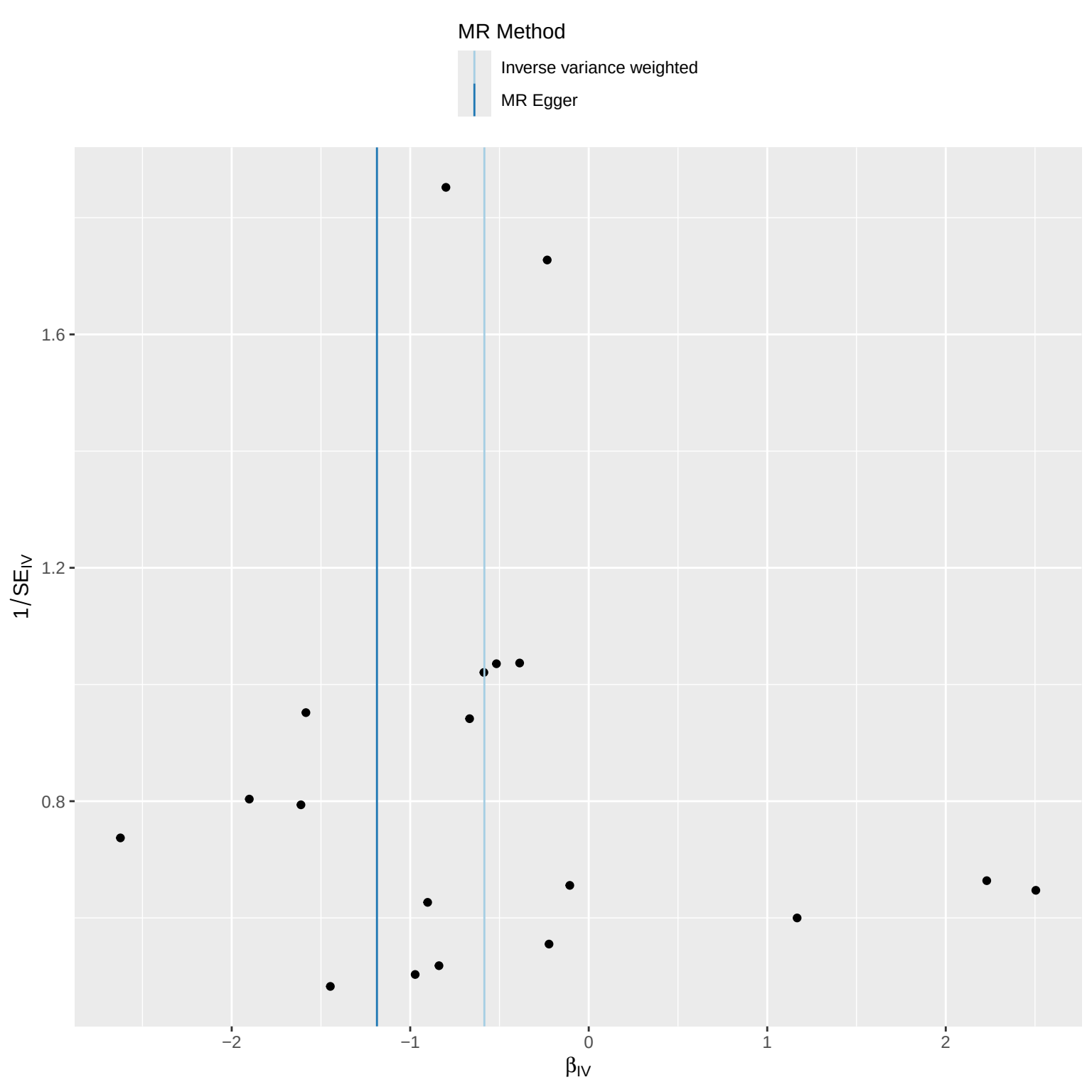

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

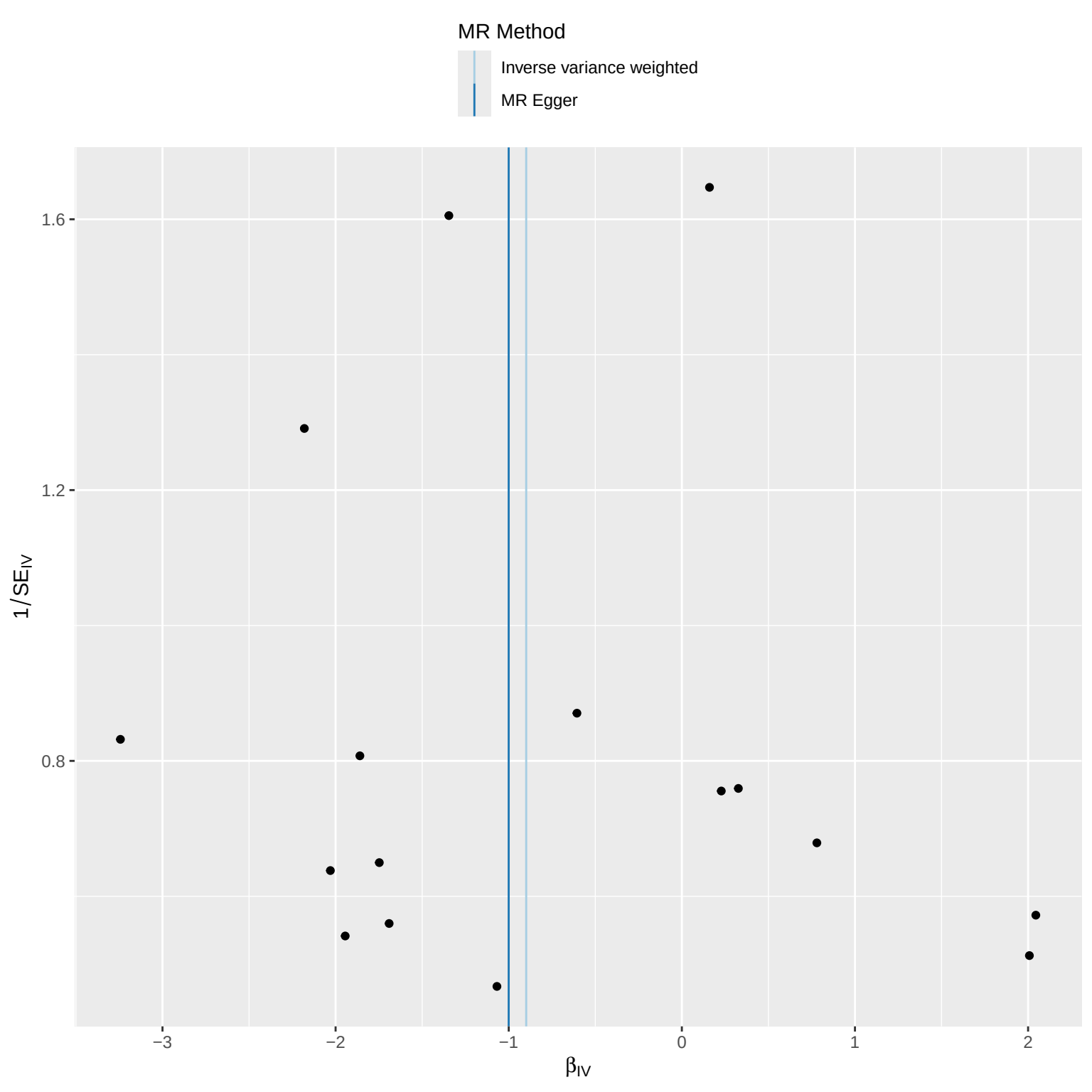

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

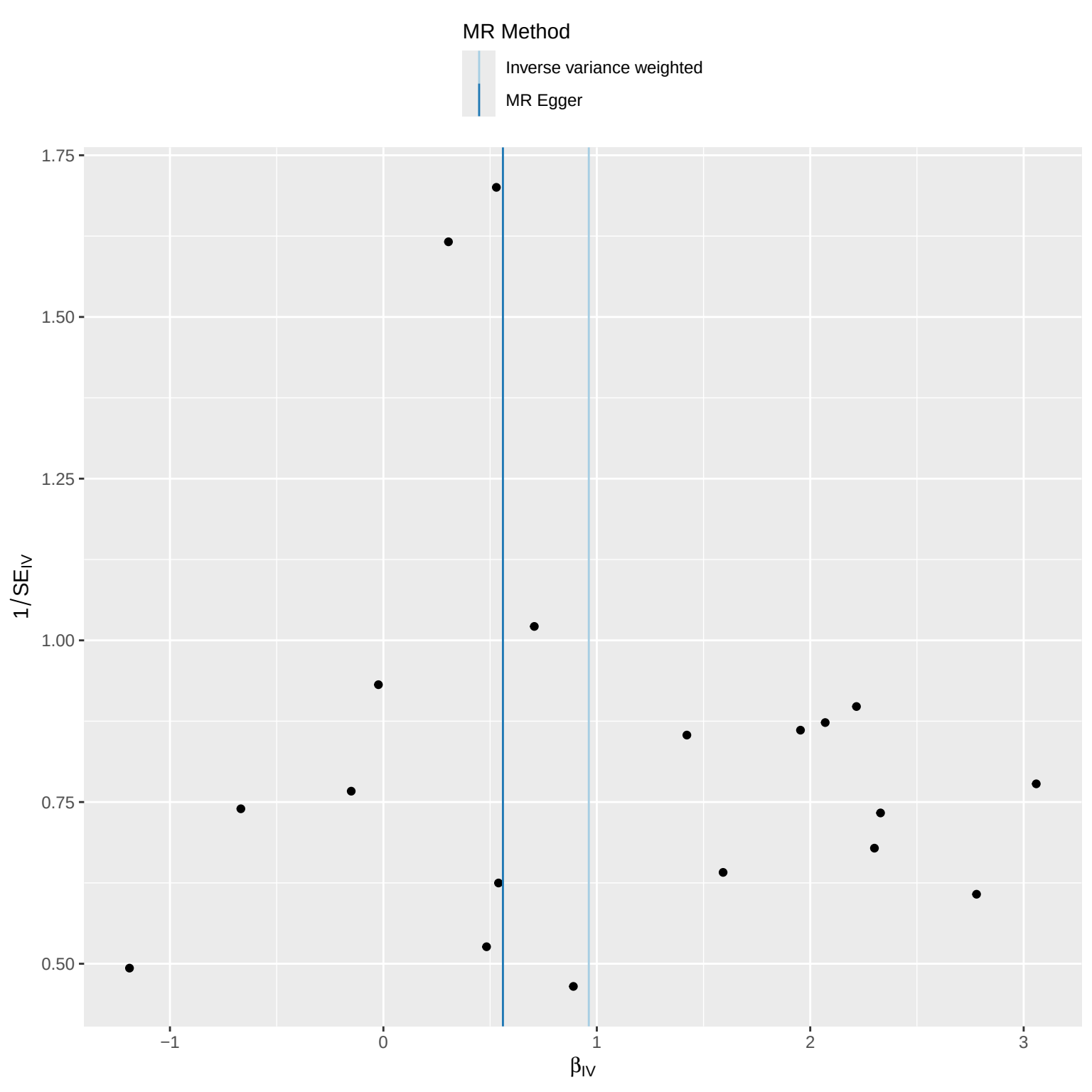

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

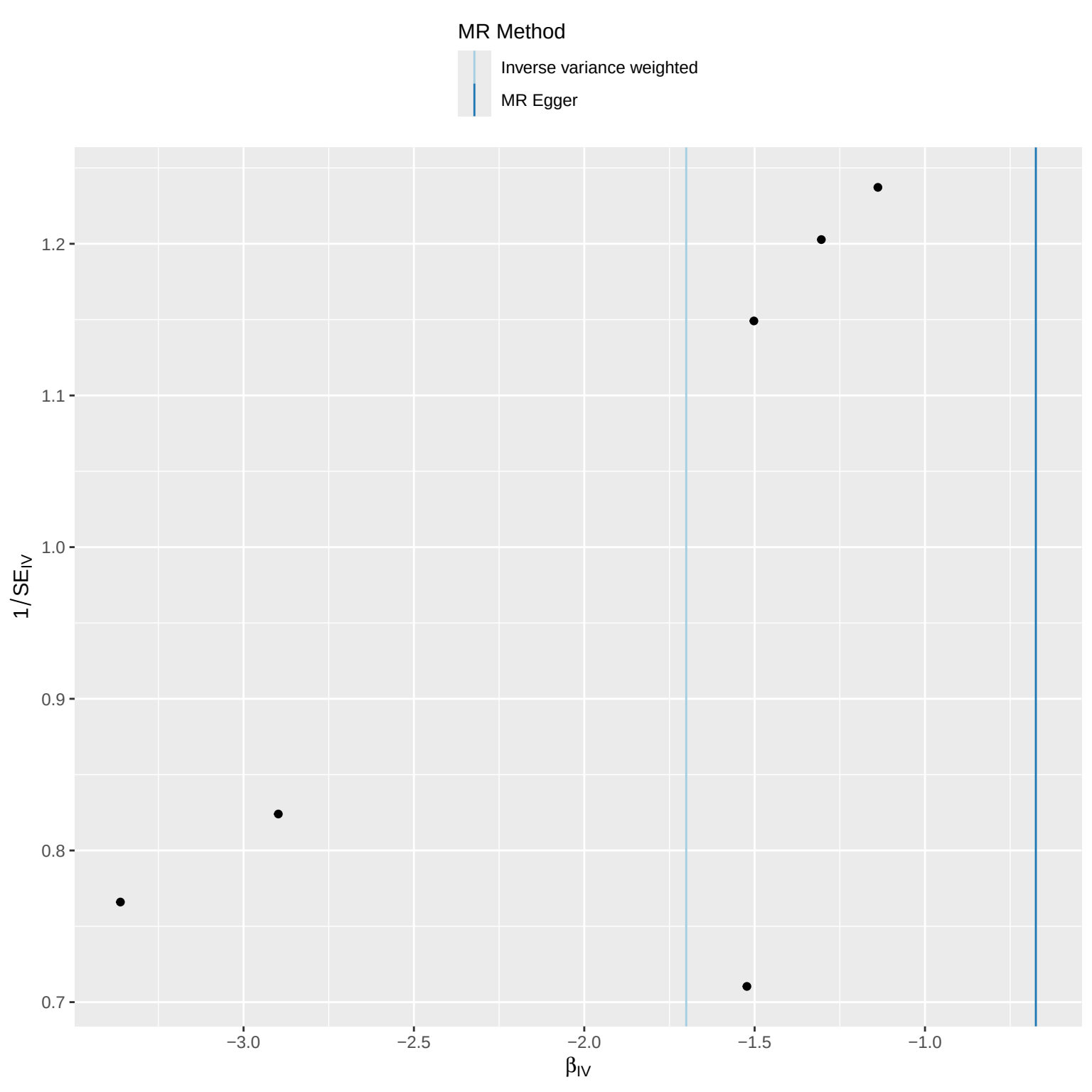

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−6
−4
−2
0
2
4
β_IV

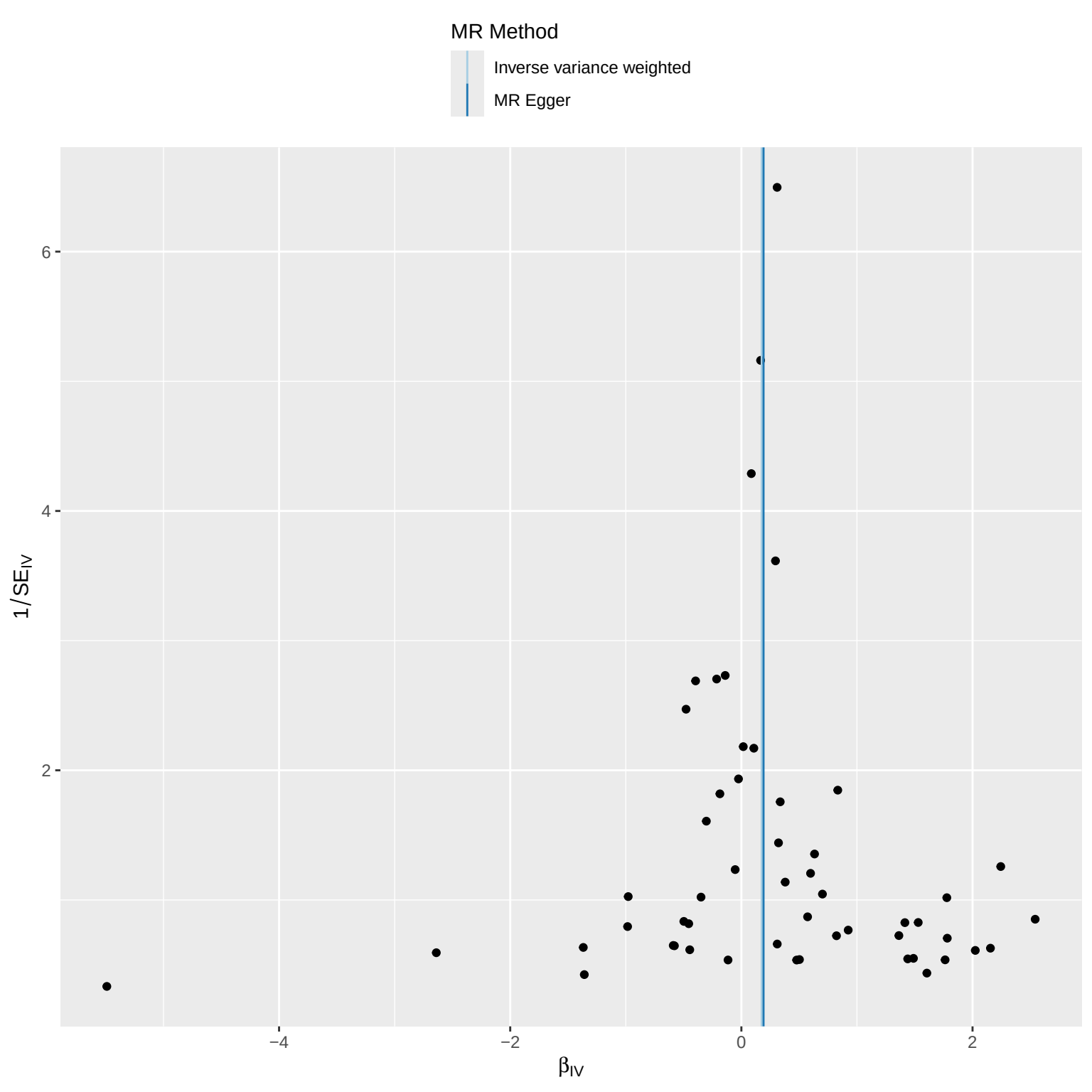

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

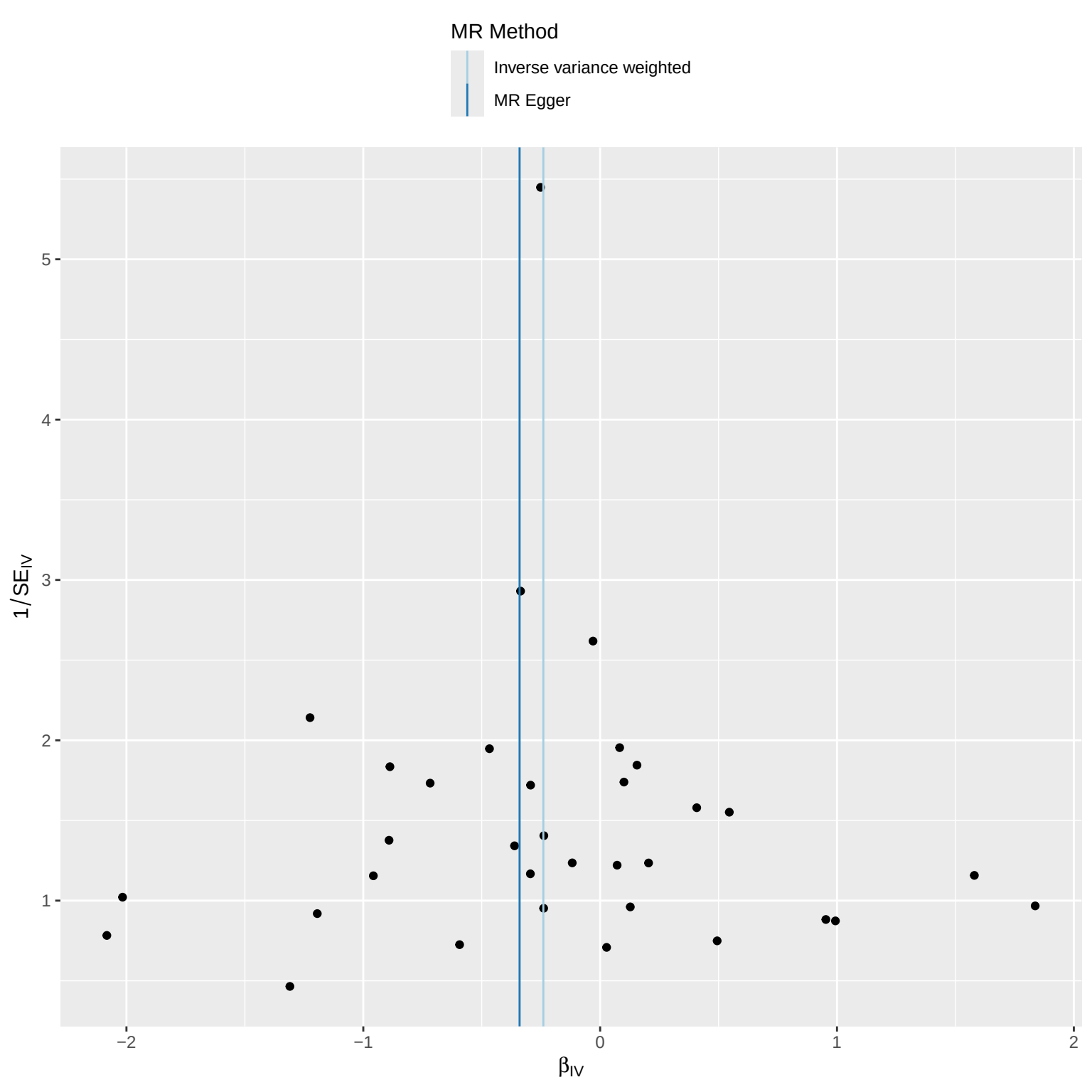

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2
−1
0
1
2
β_IV

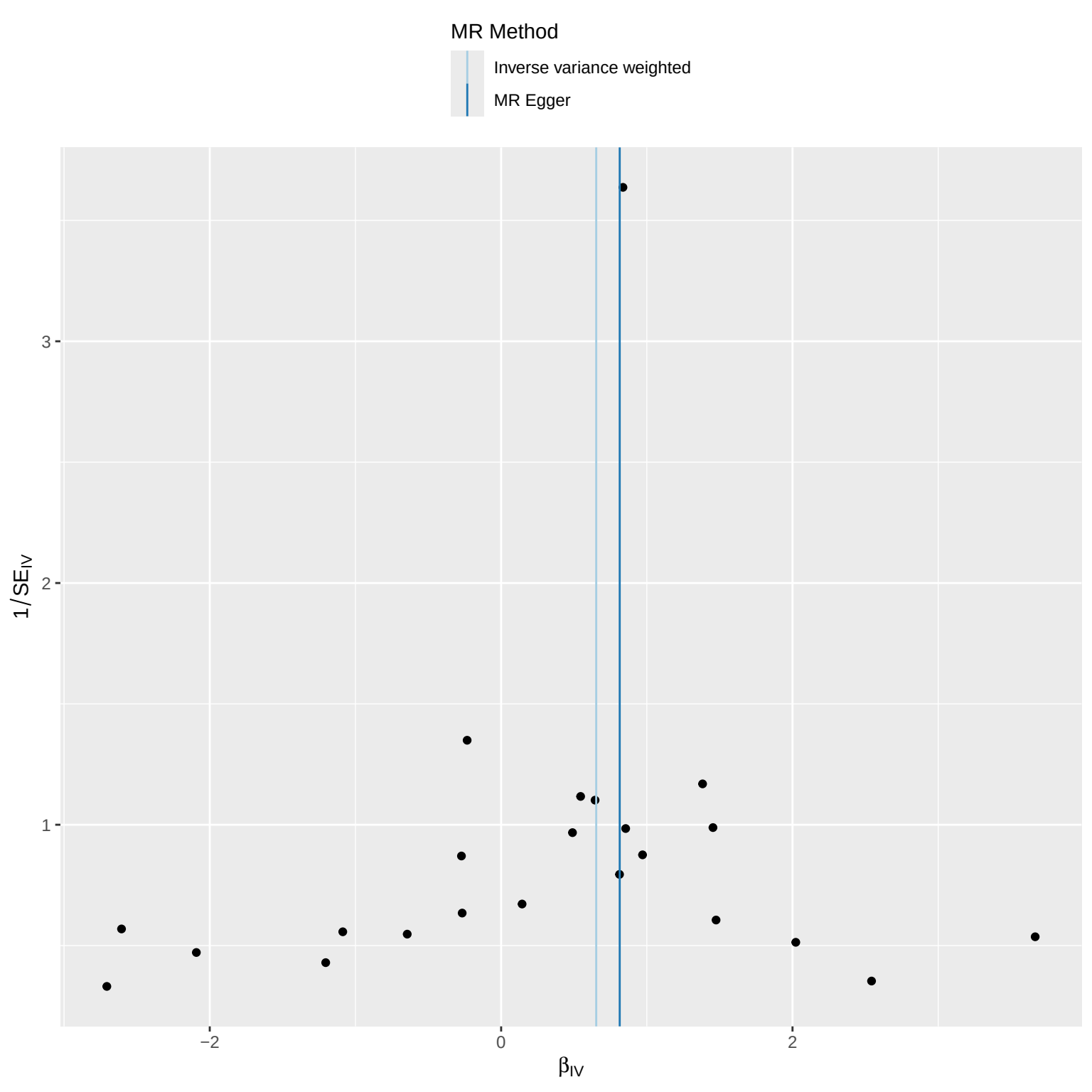

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−3
−2
−1
0
1
2
β_IV

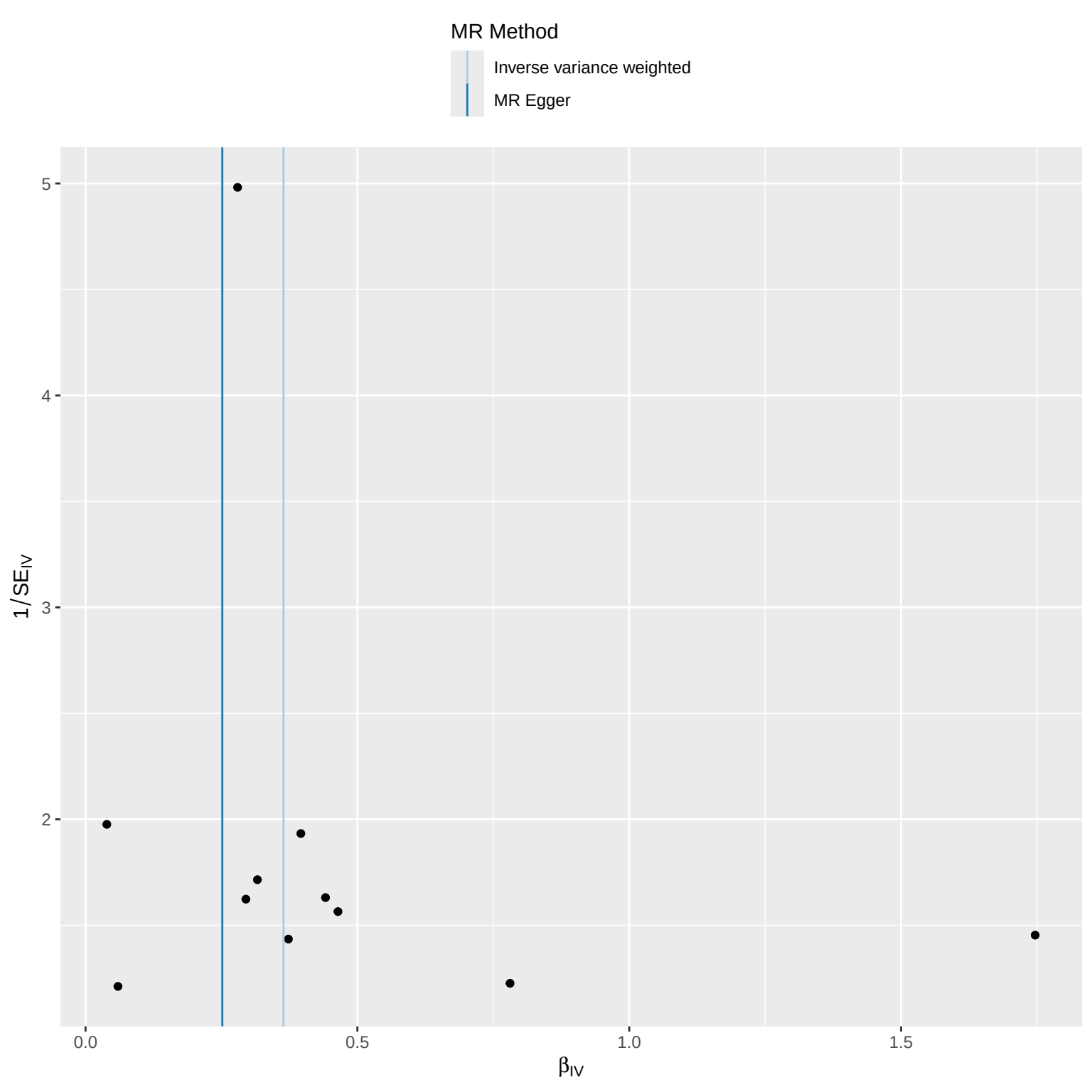

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

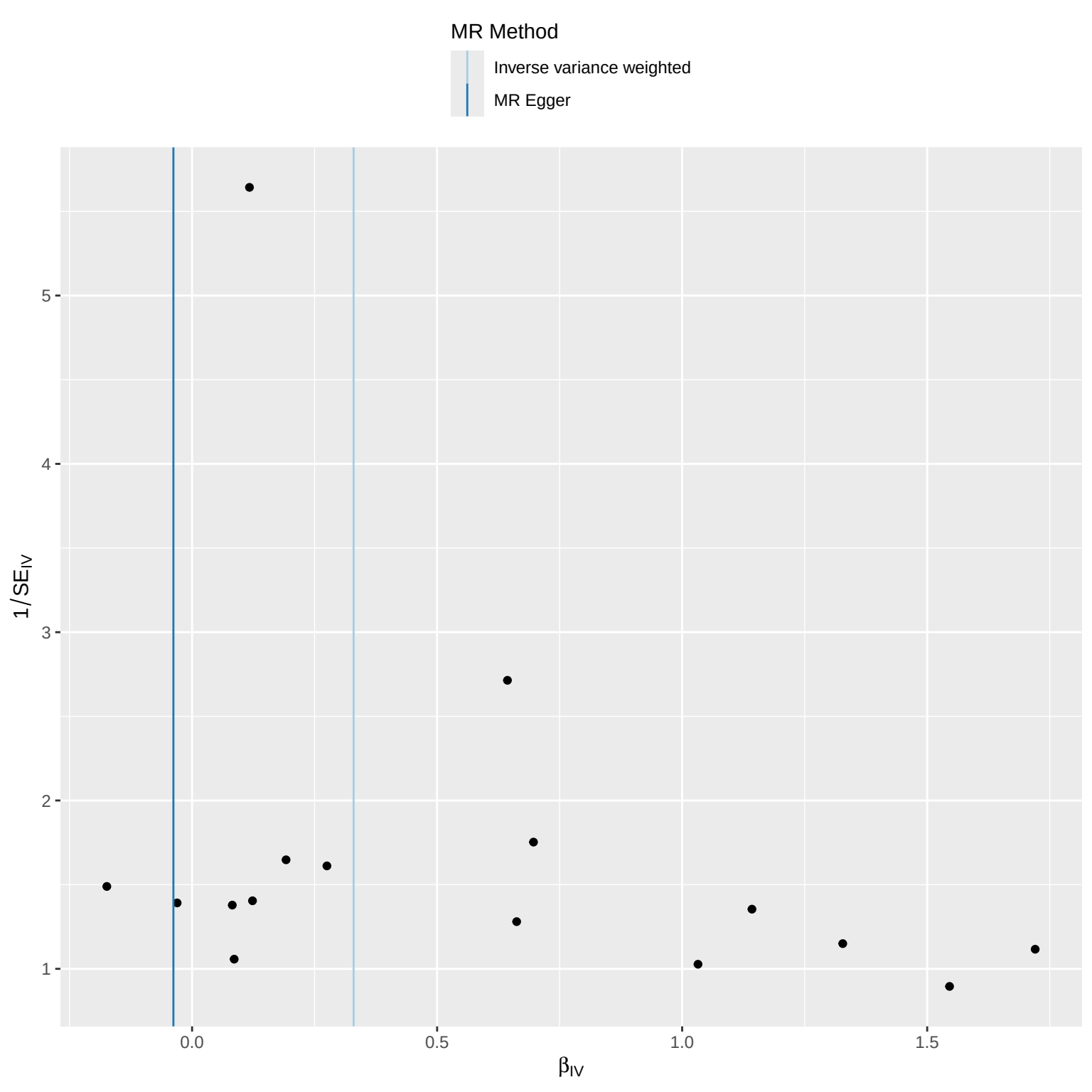

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
0.9
0.8
0.7
1/SE_IV
−3.0
−2.5
−2.0
−1.5
−1.0
β_IV

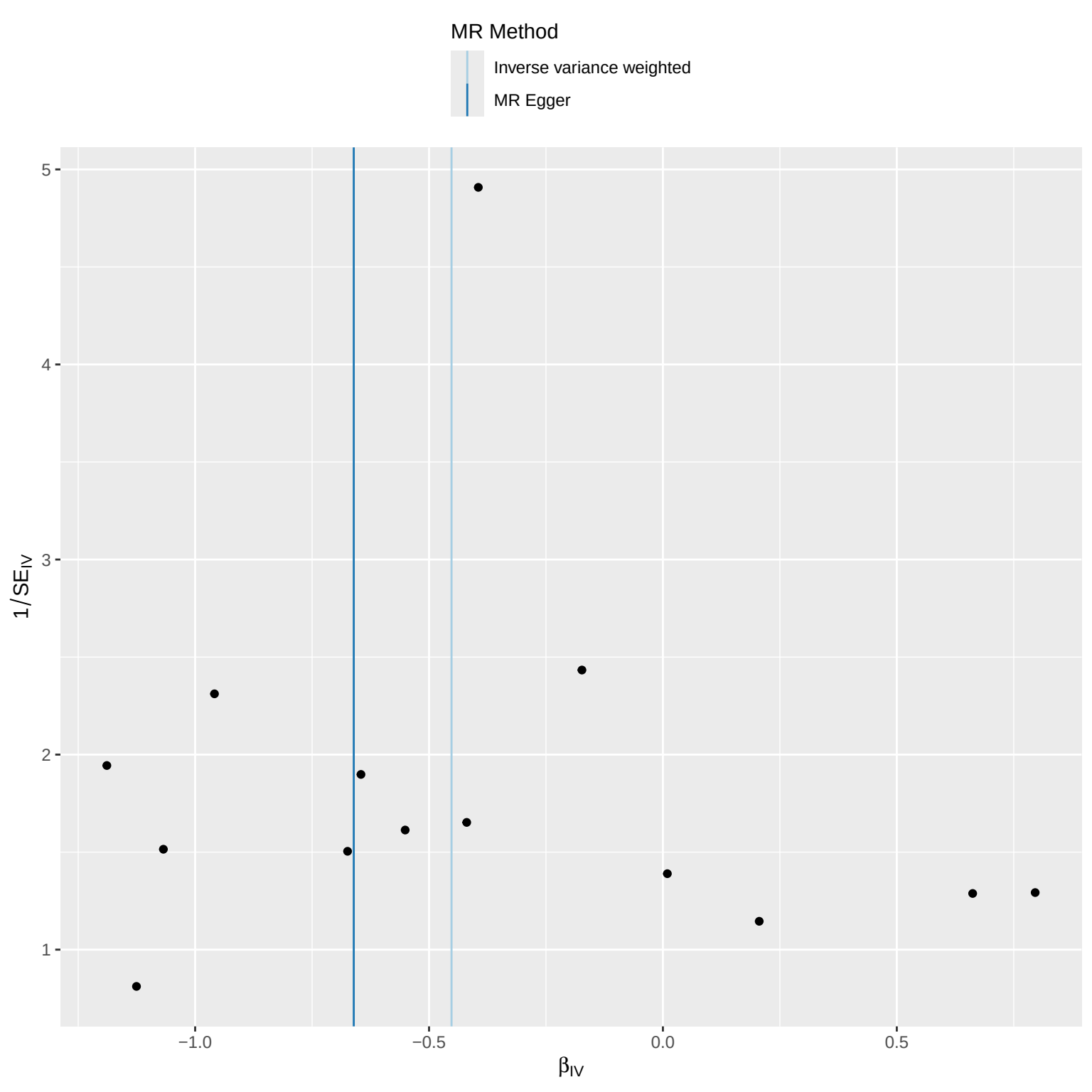

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

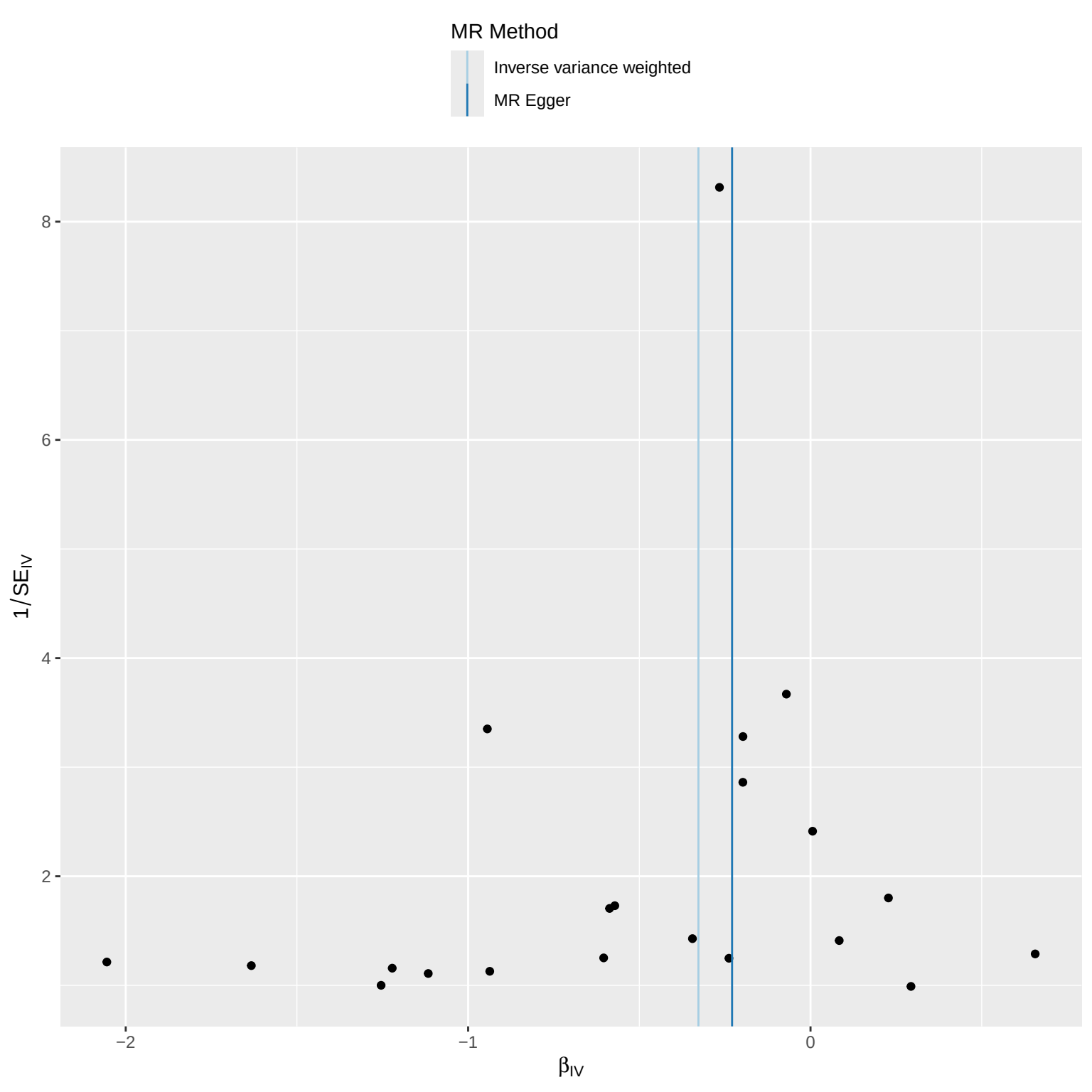

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

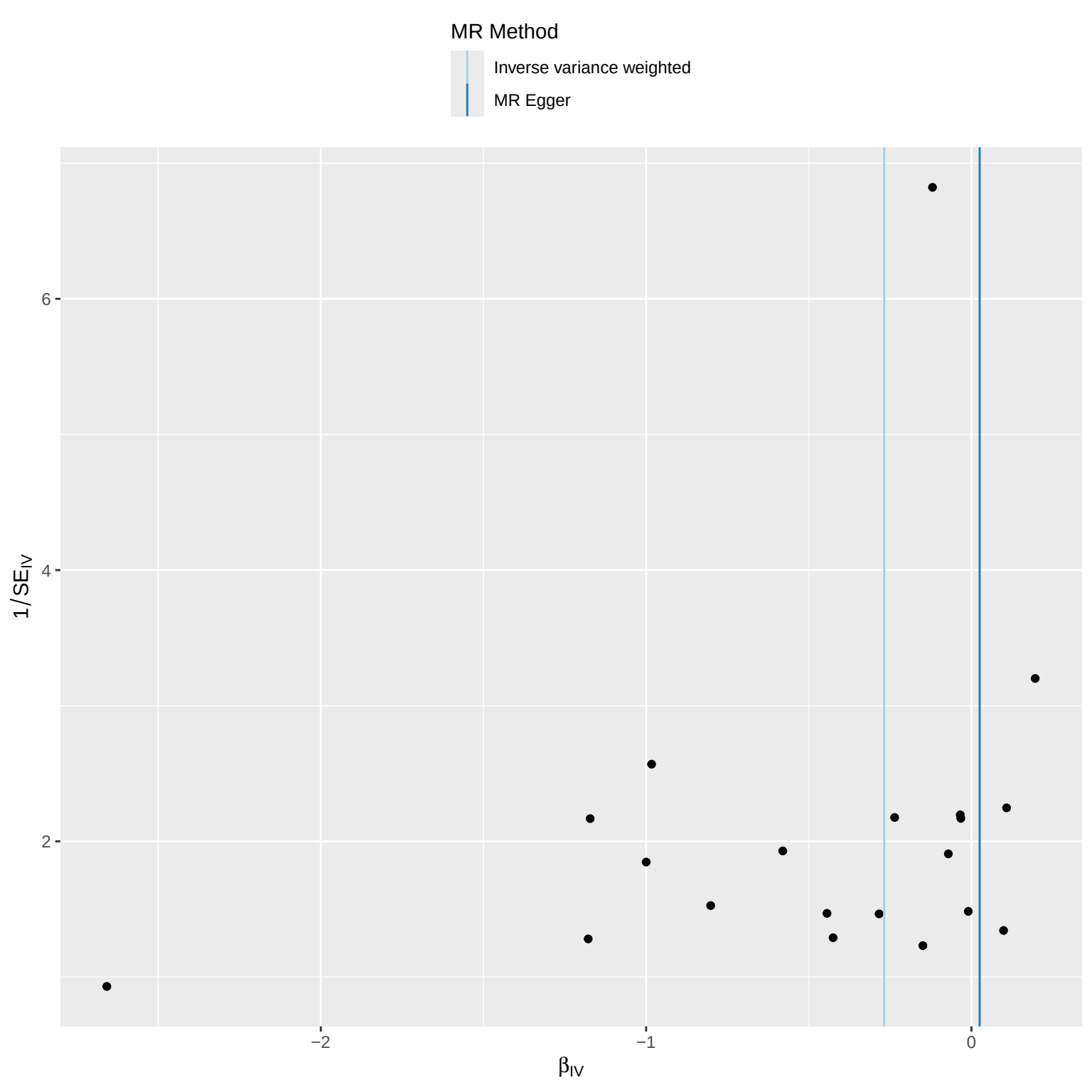

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

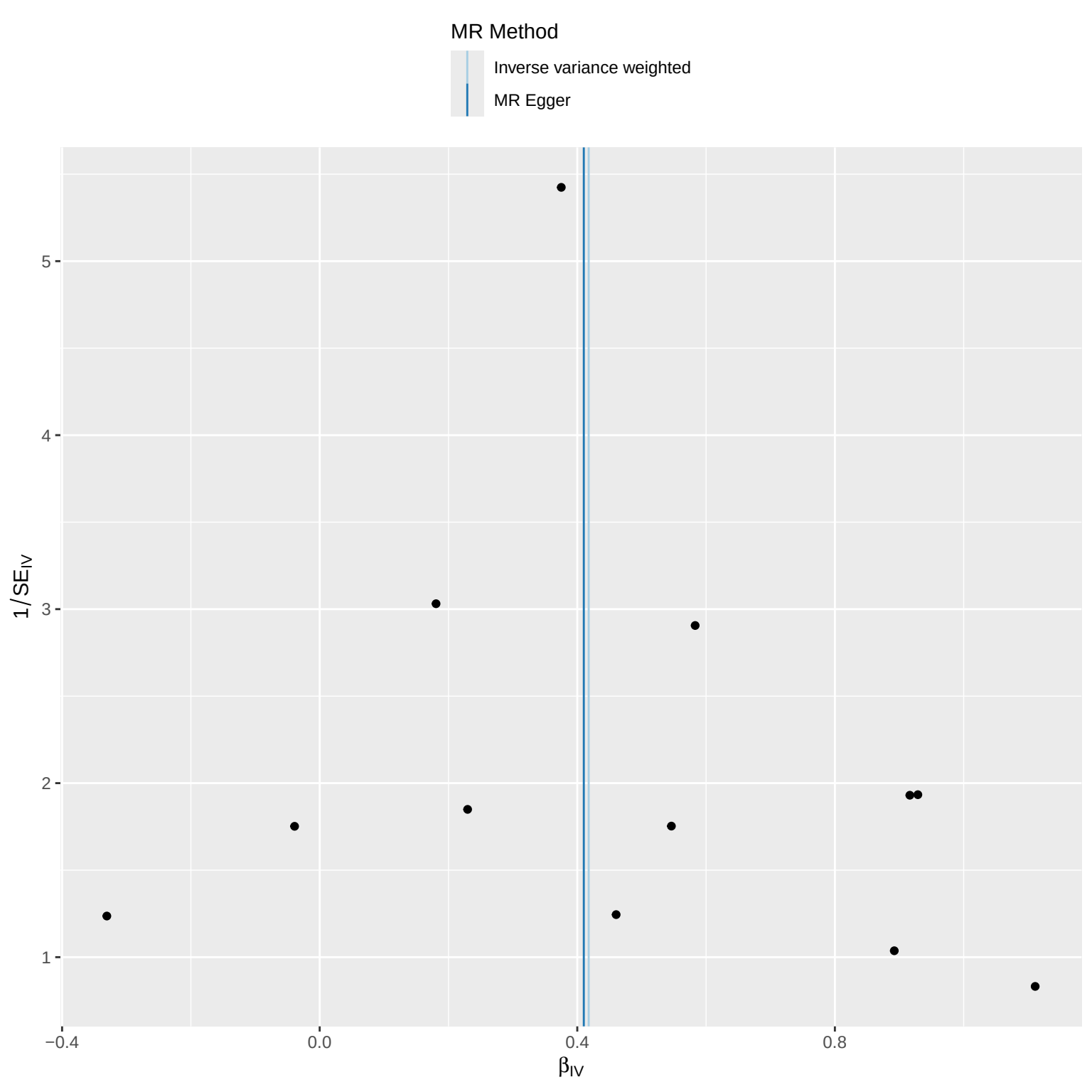

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

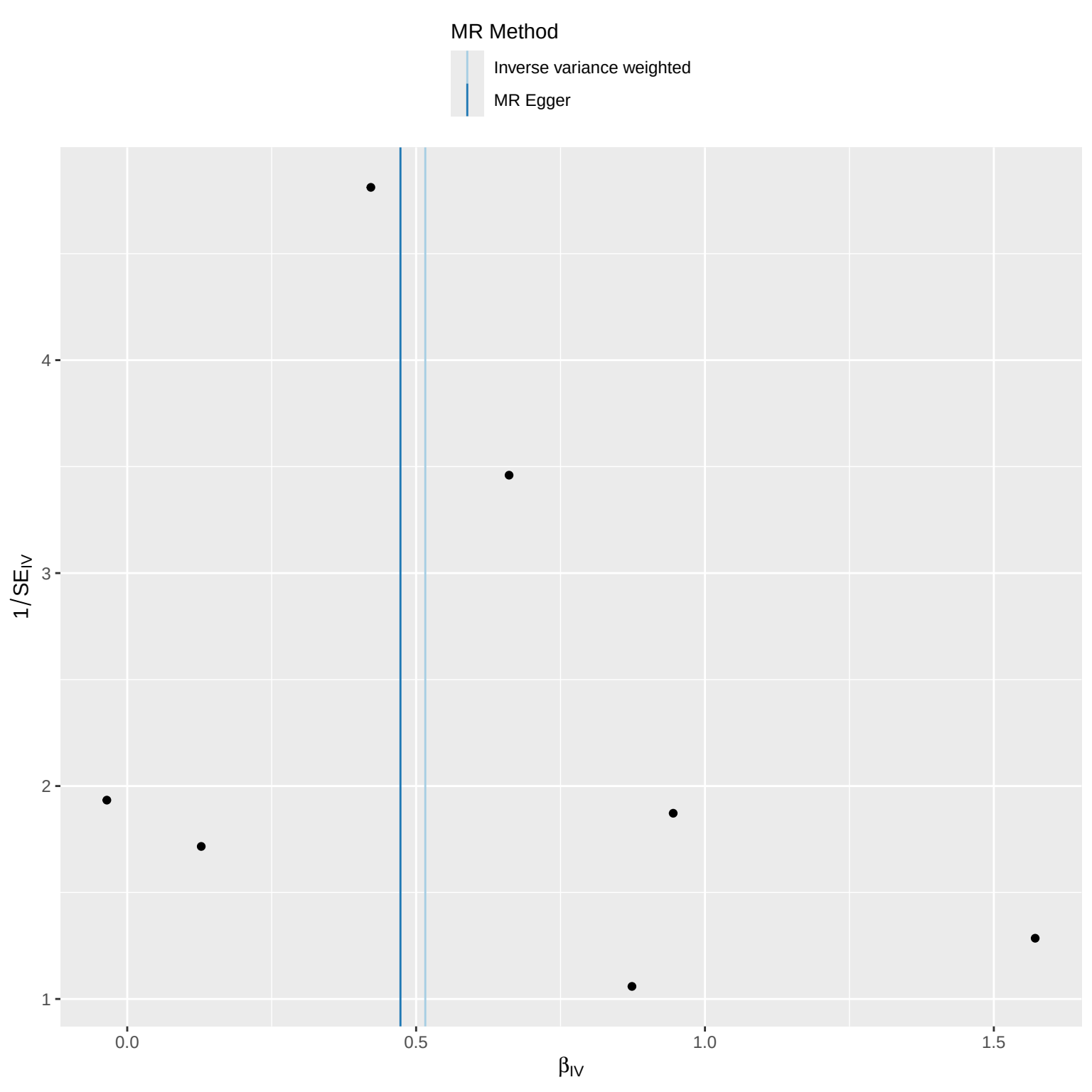

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
0.0
0.5
1.0
1.5
β_IV

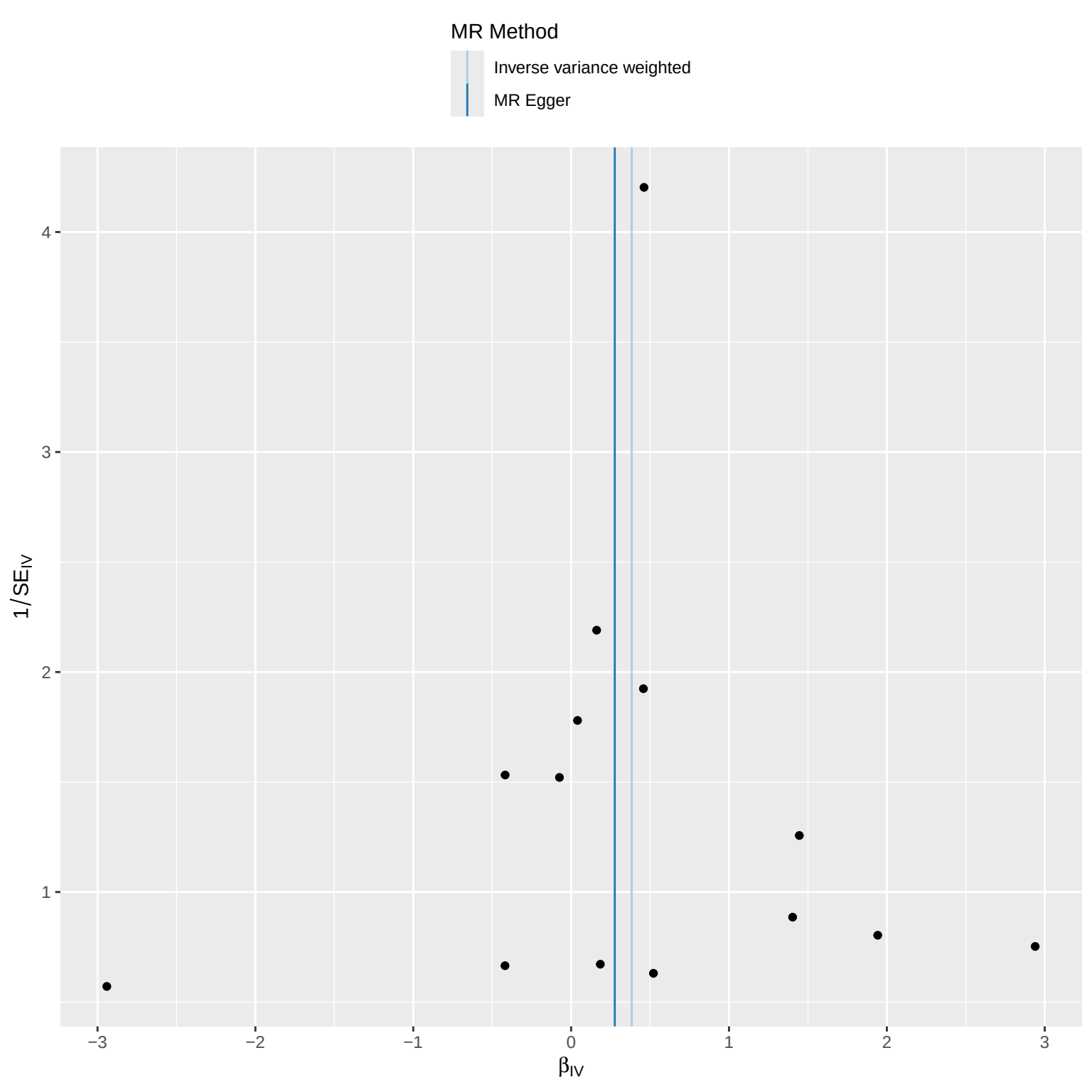

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

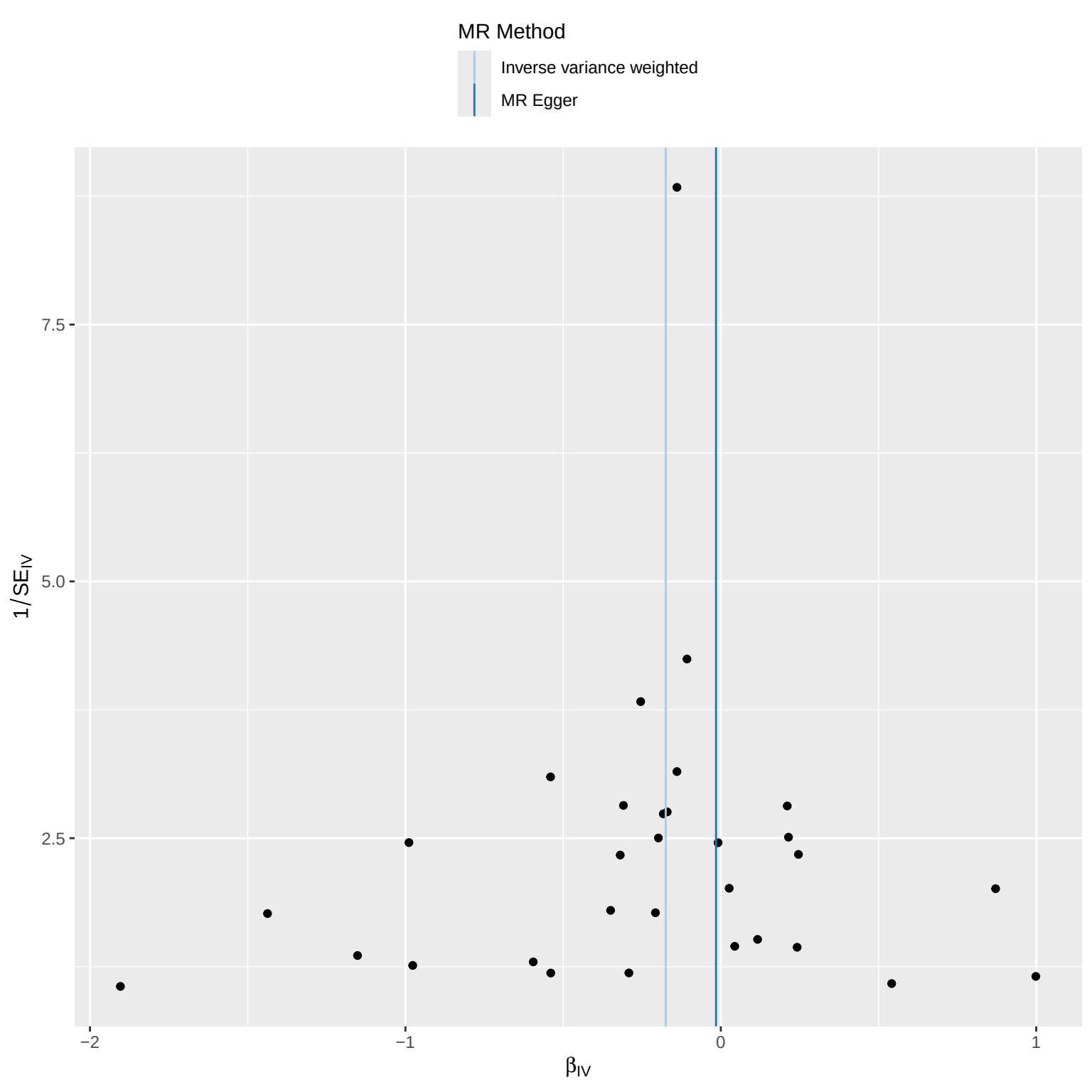

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
β_IV

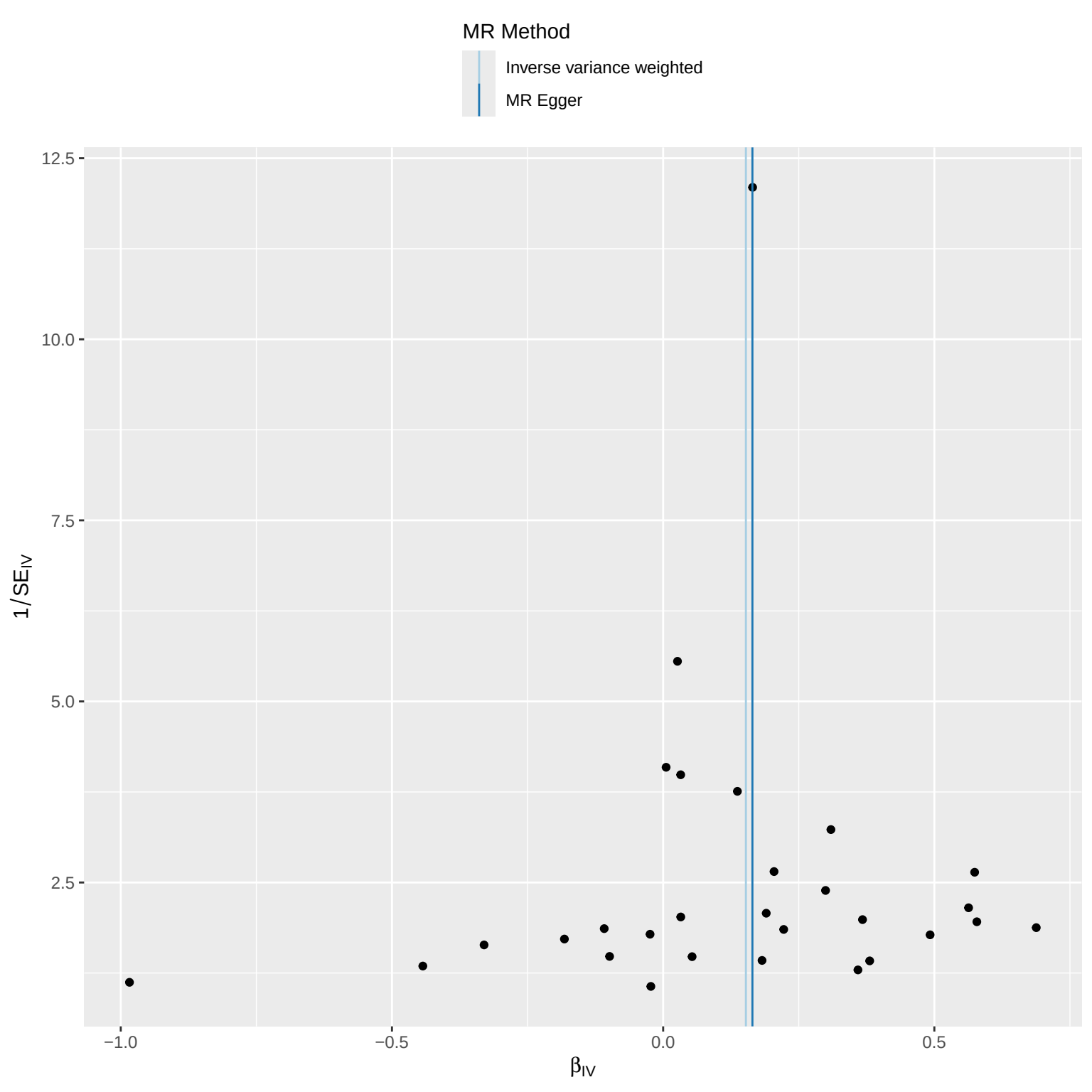

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

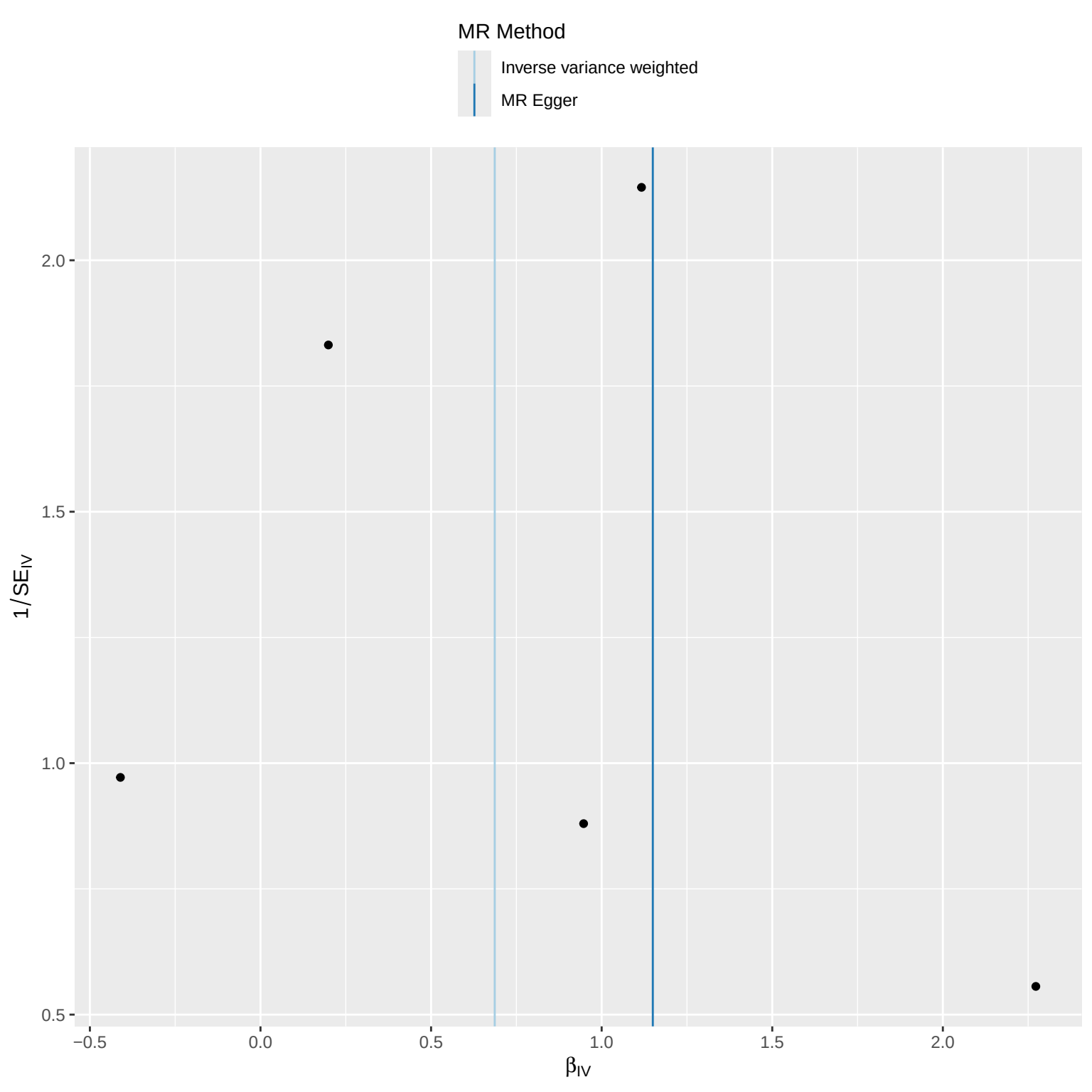

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

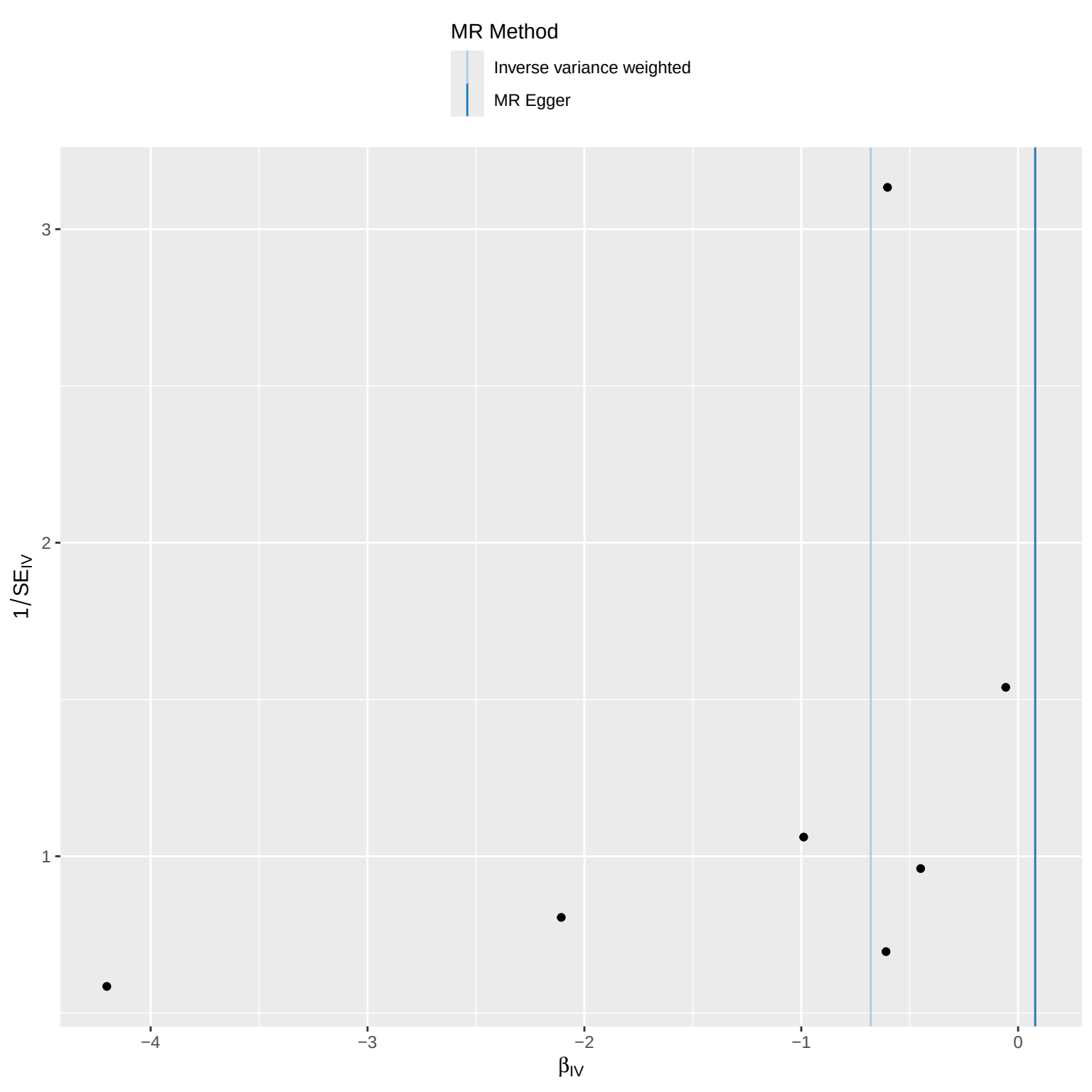

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
0.0
0.5
1.0
1.5
β_IV

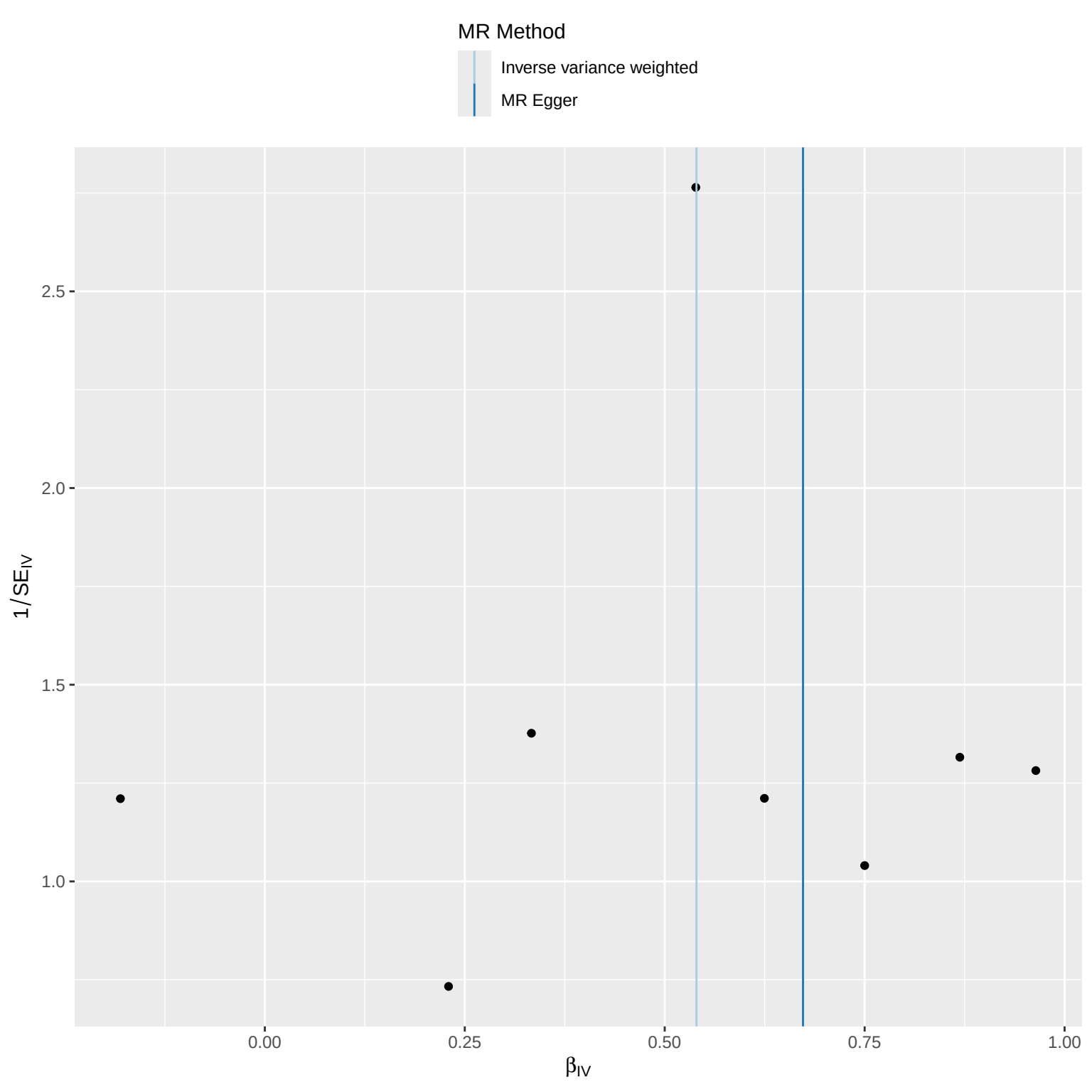

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

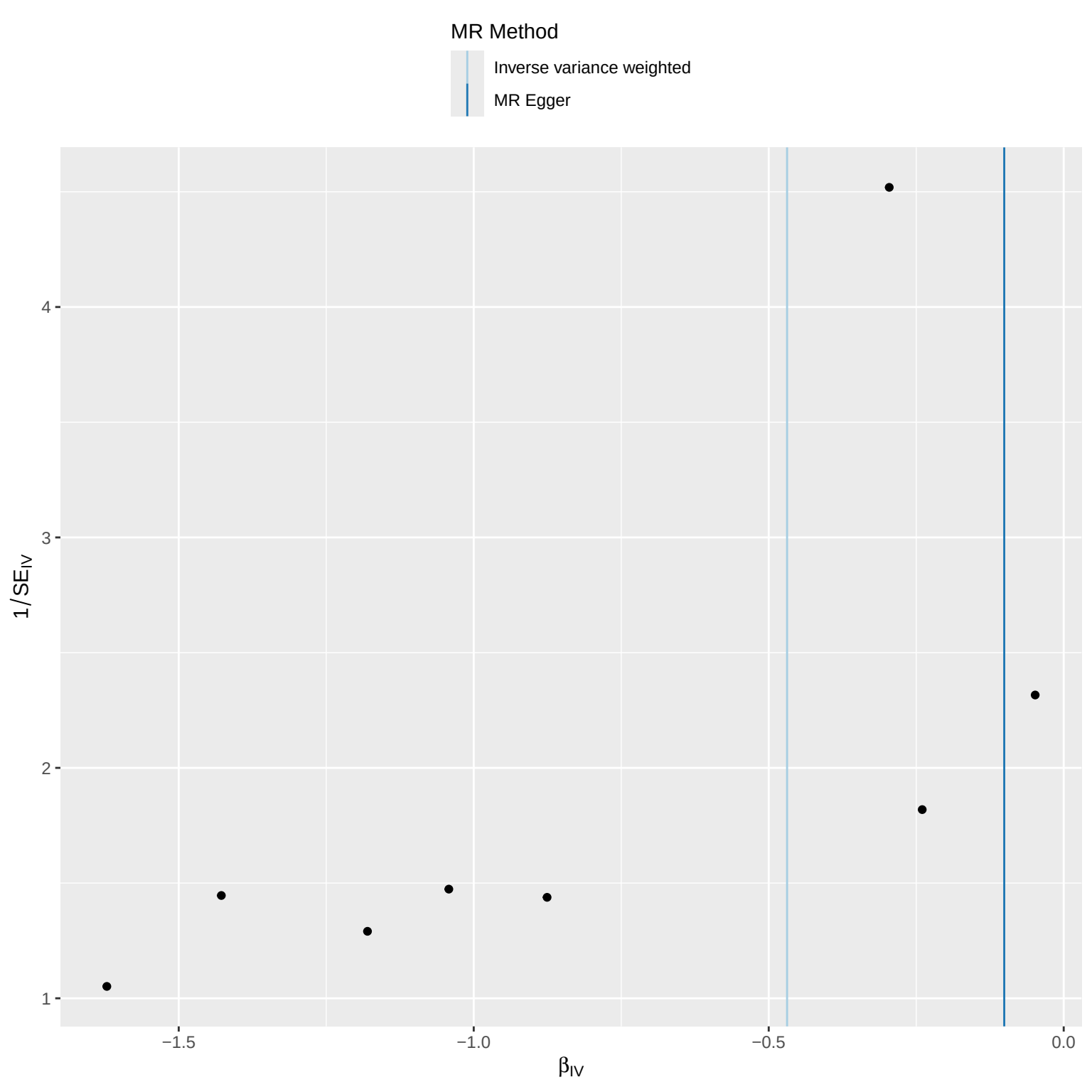

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

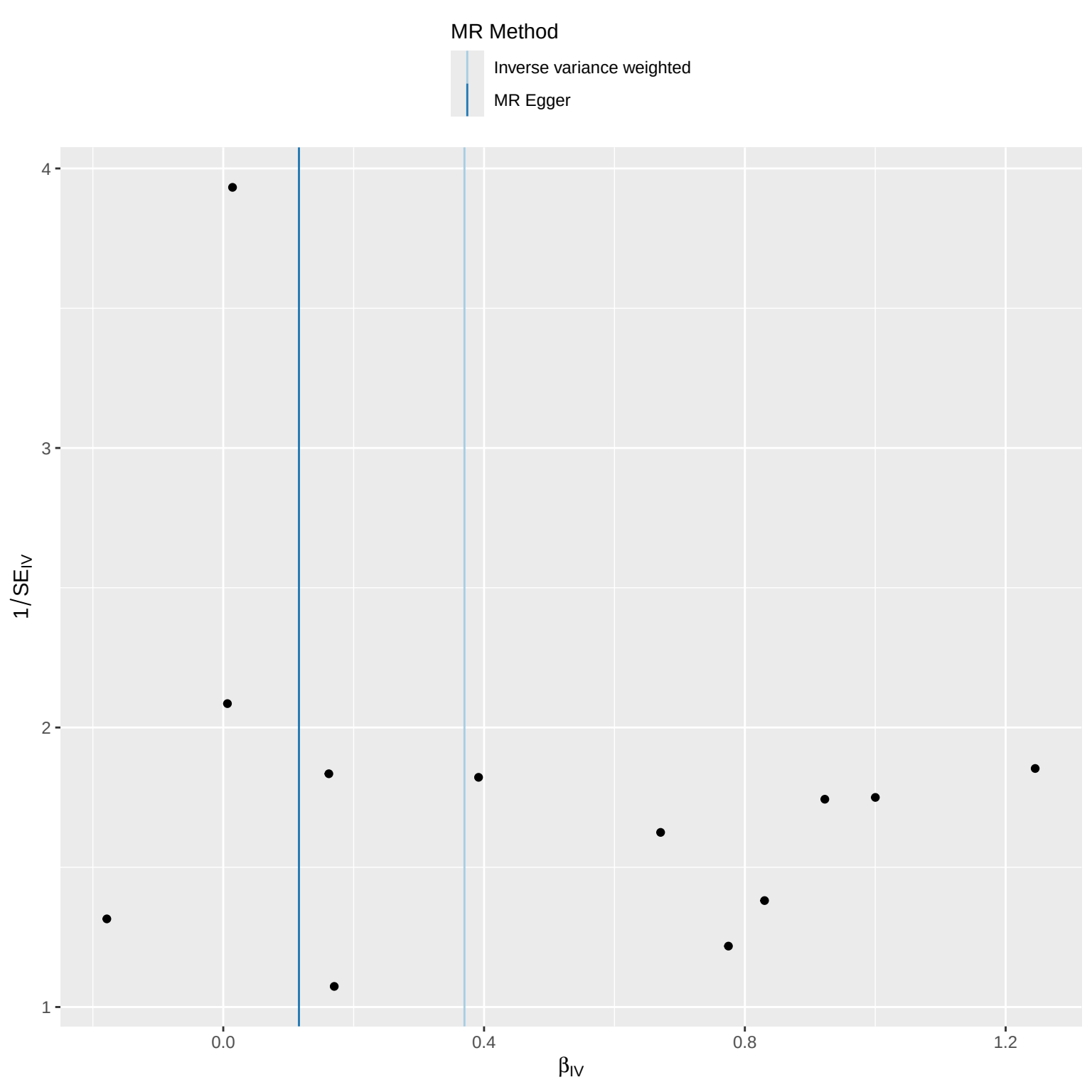

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

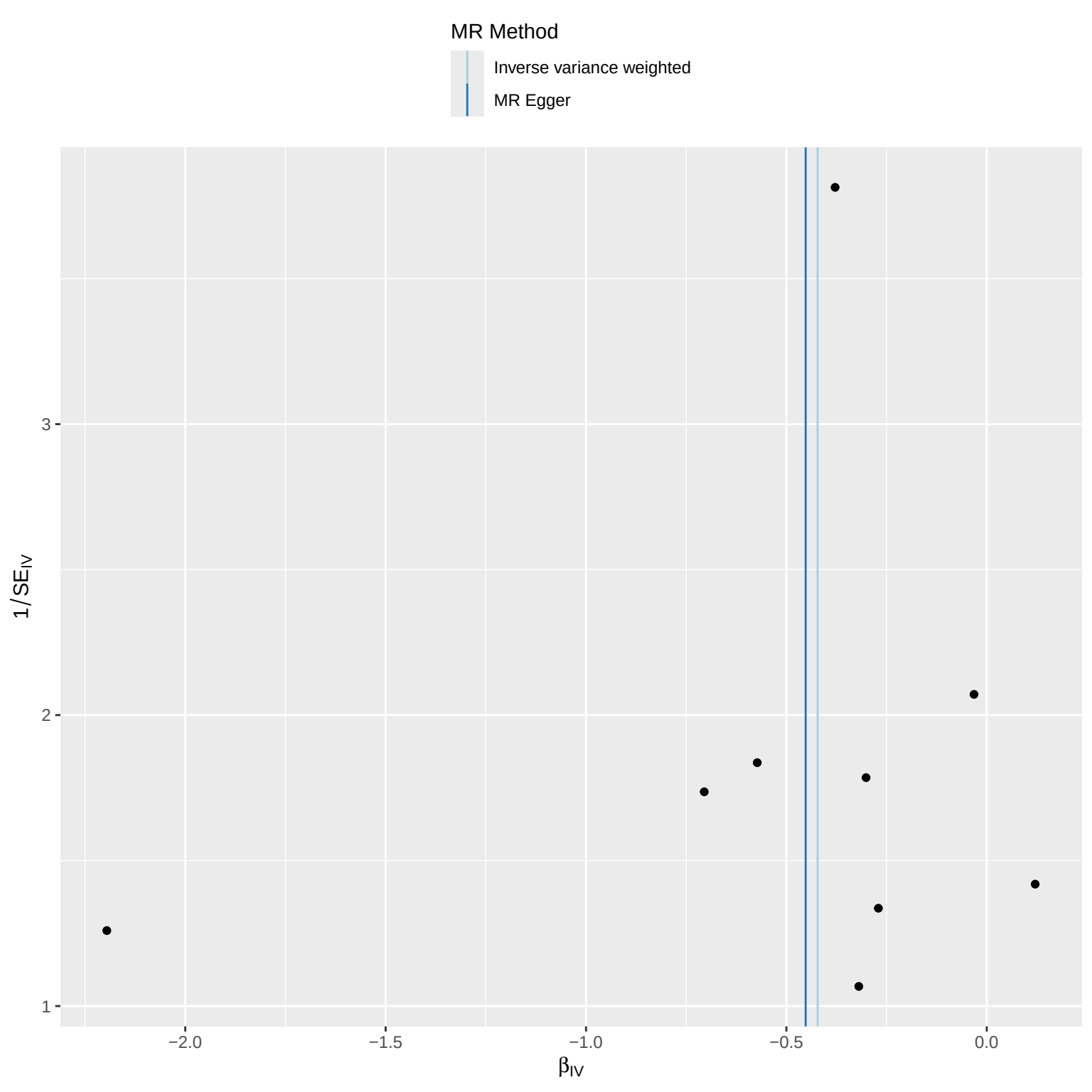

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

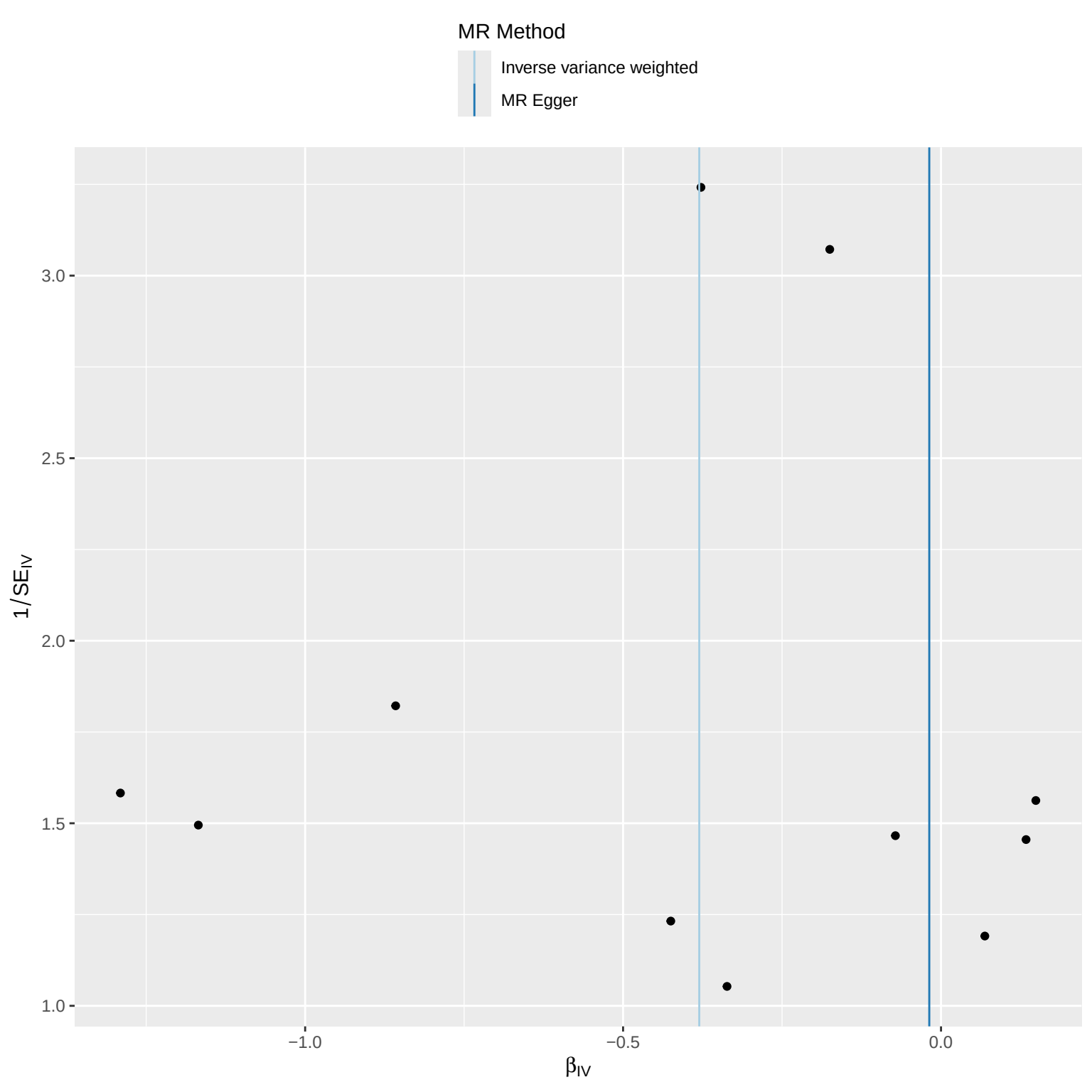

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−3
−2
−1
0
β_{IV}

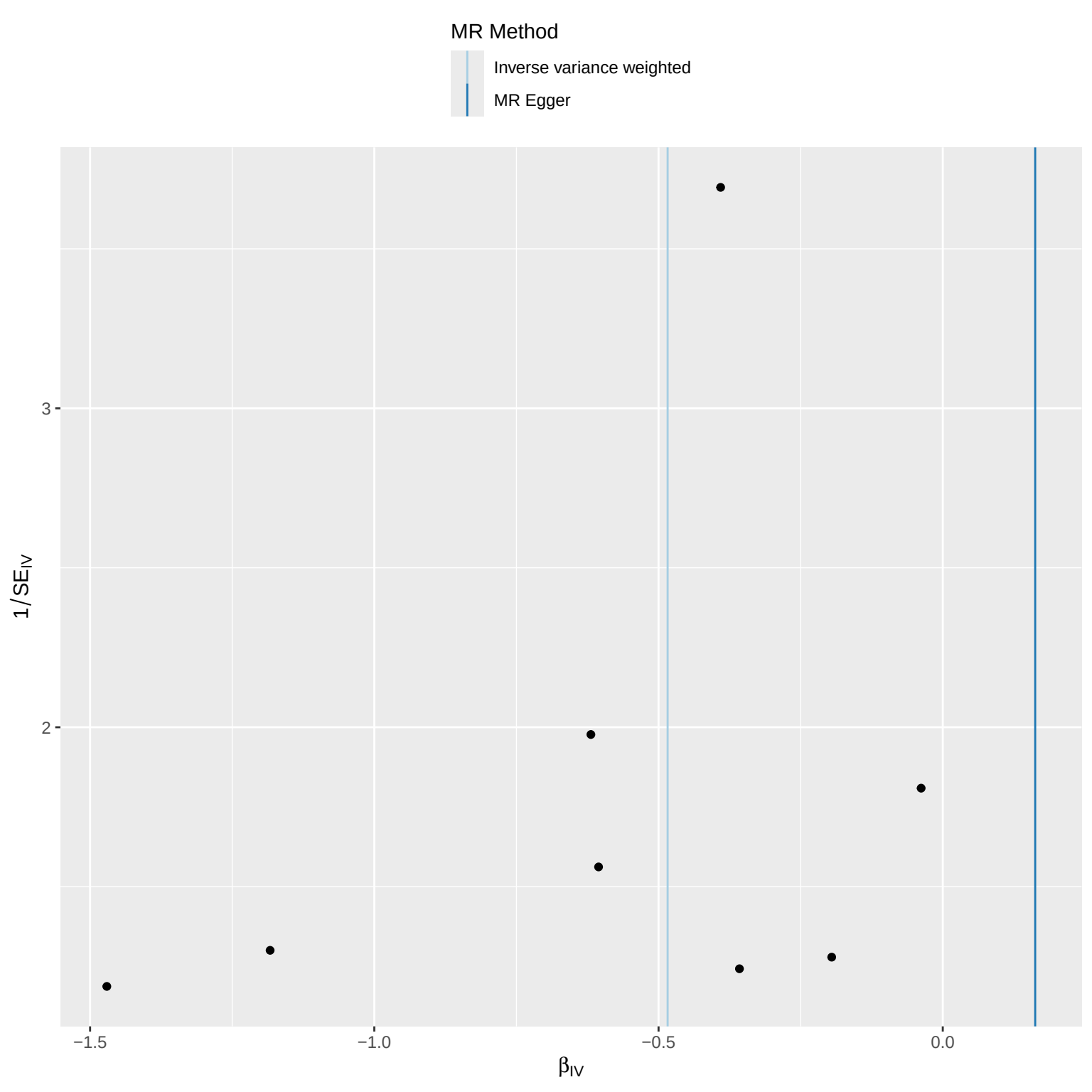

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.00
0.25
0.50
0.75
1.00
β_IV

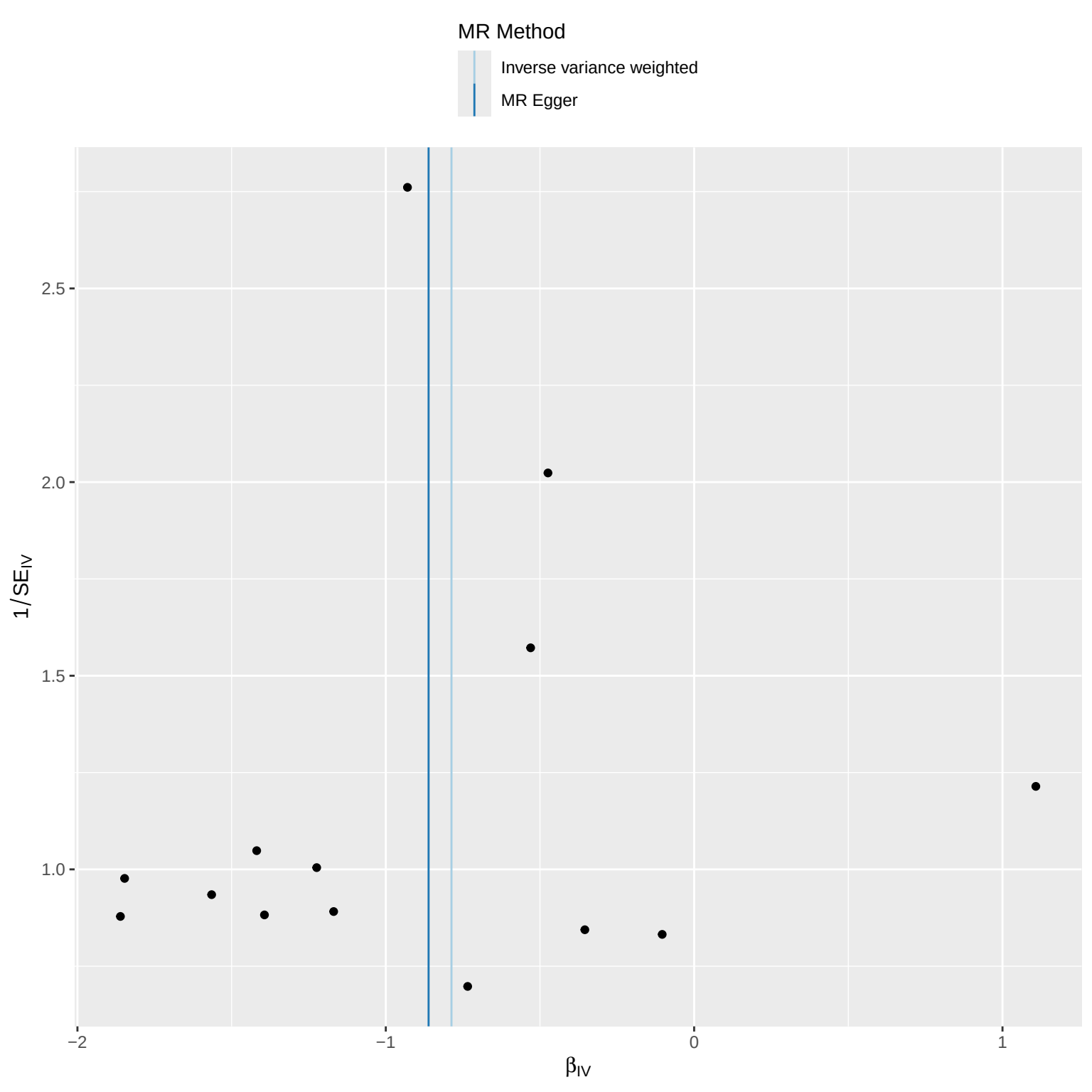

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

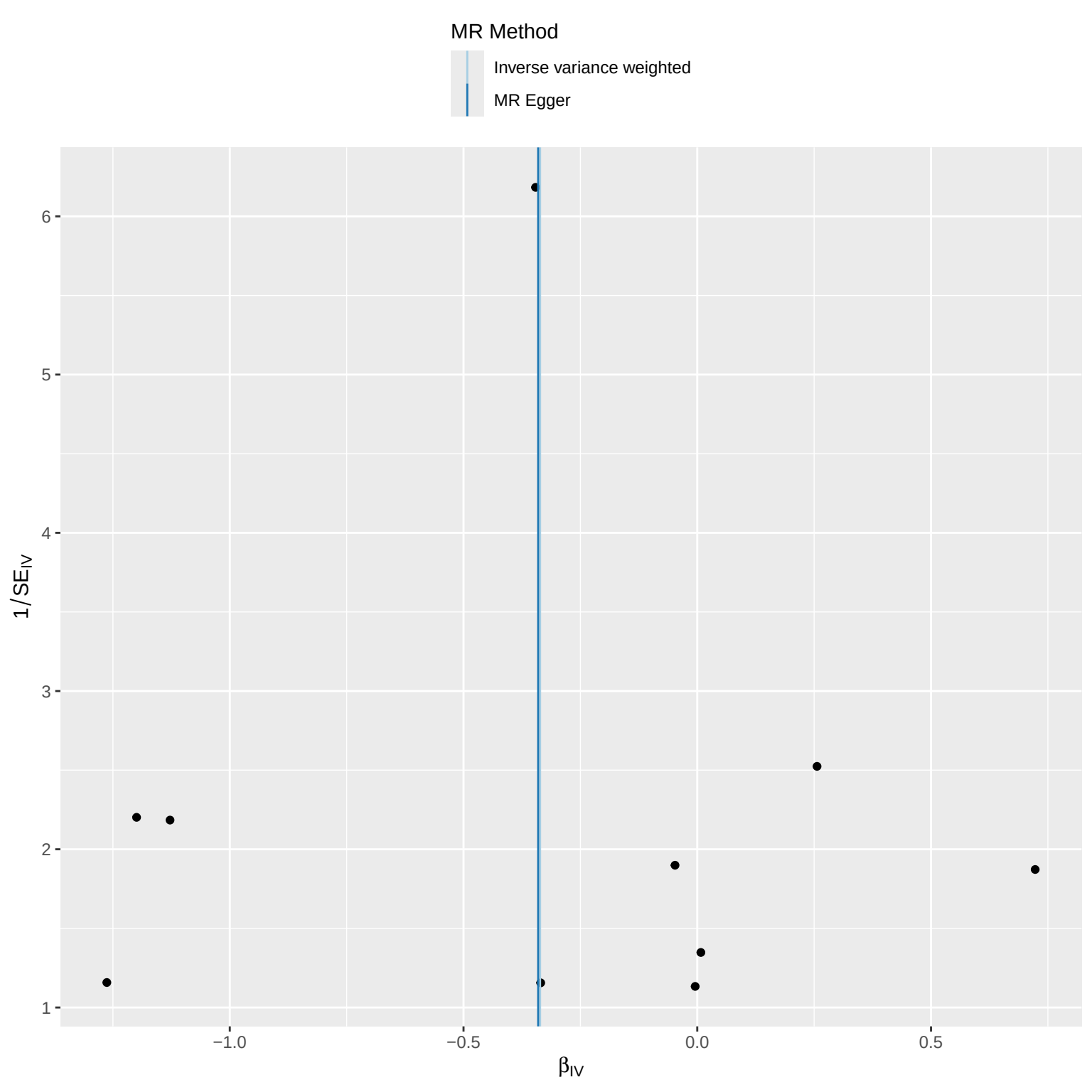

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

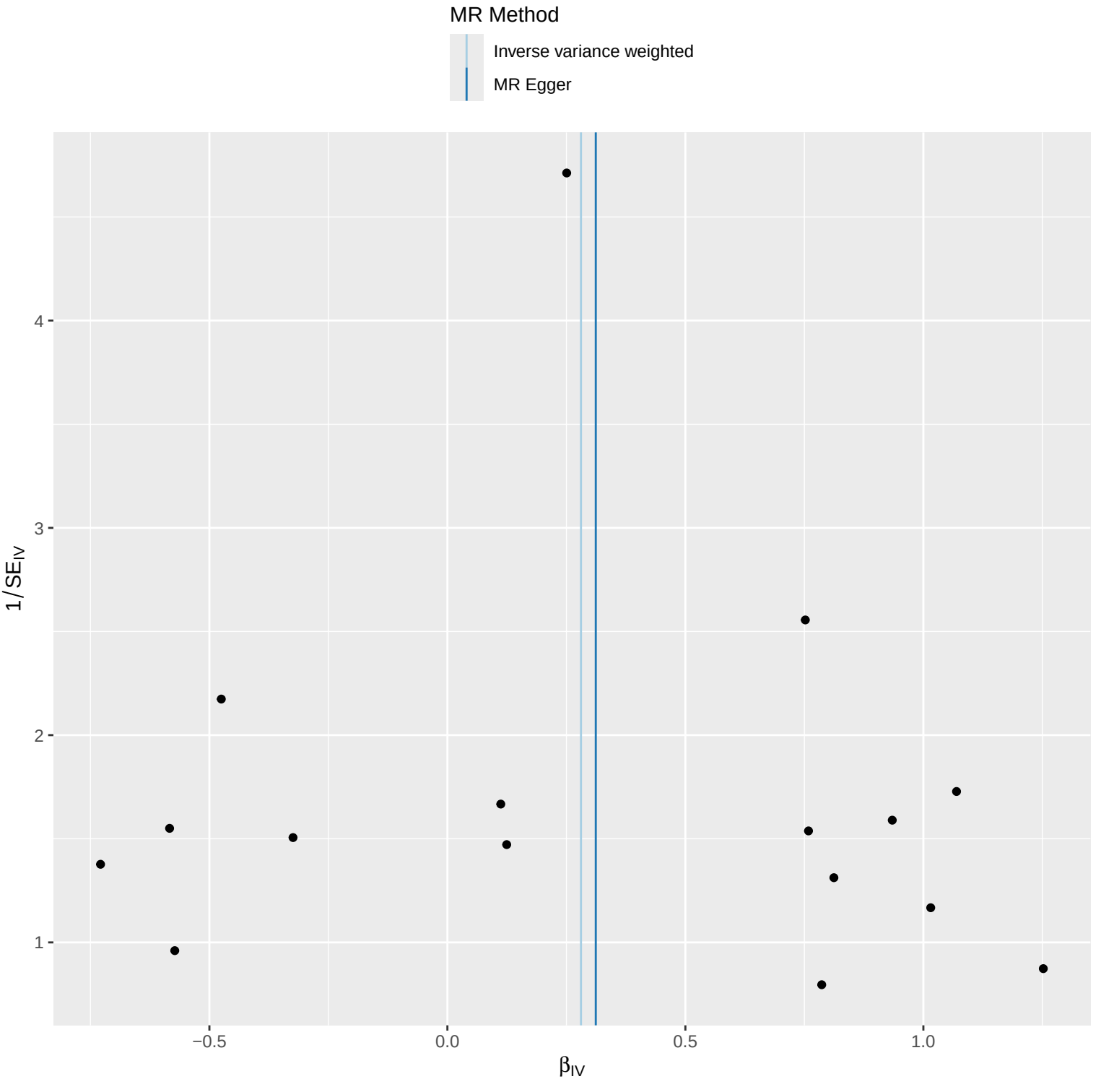

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

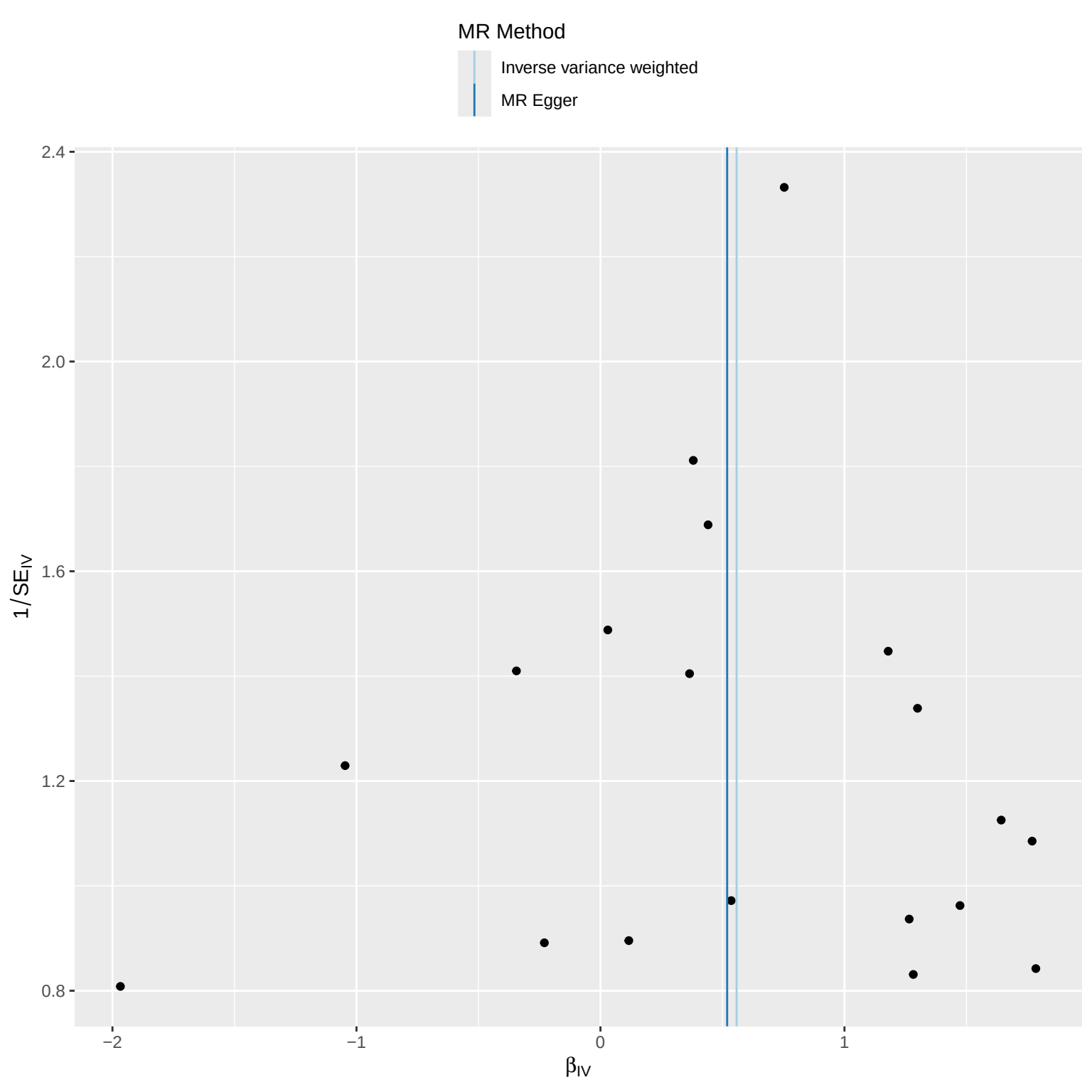

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

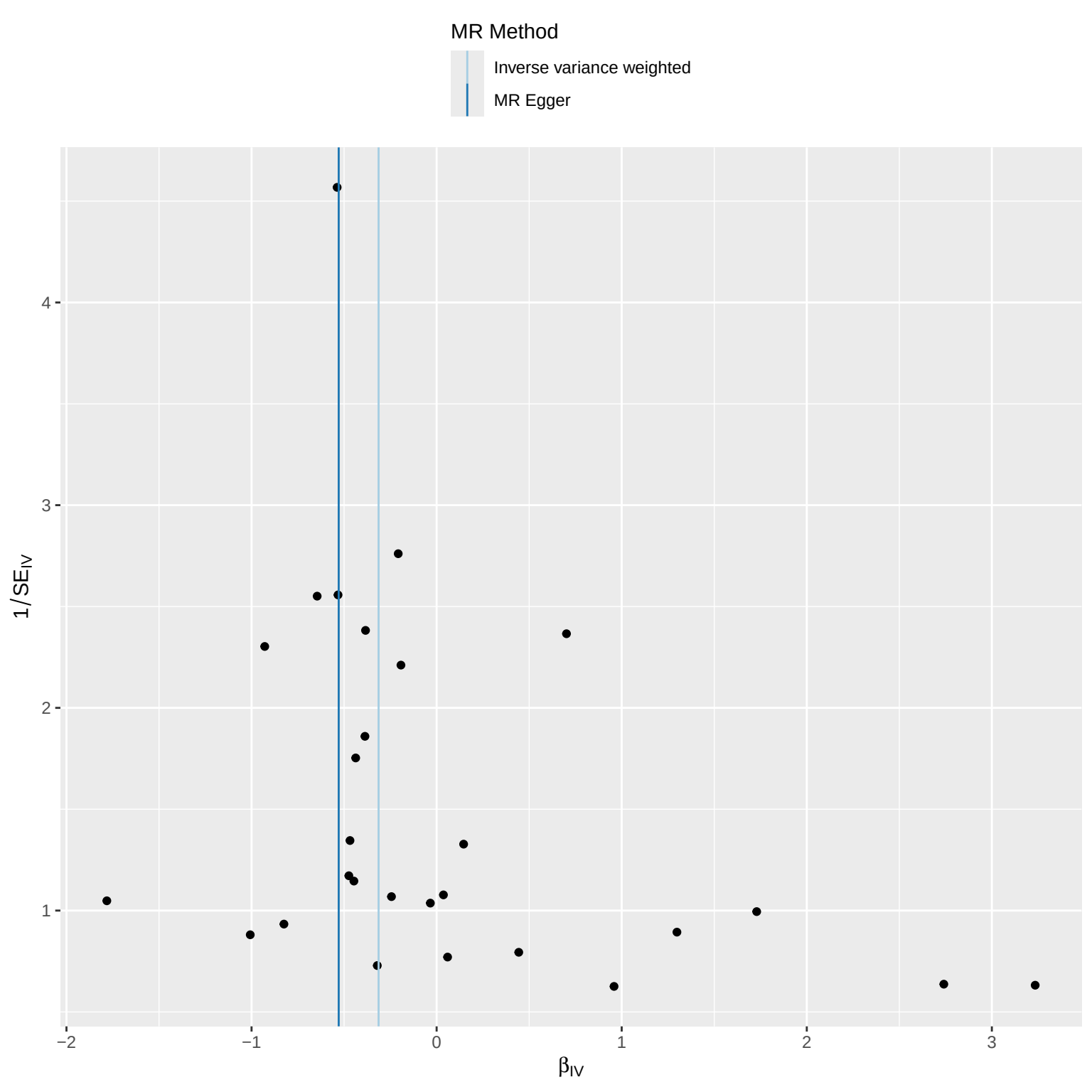

MR Method
Inverse variance weighted
MR Egger
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

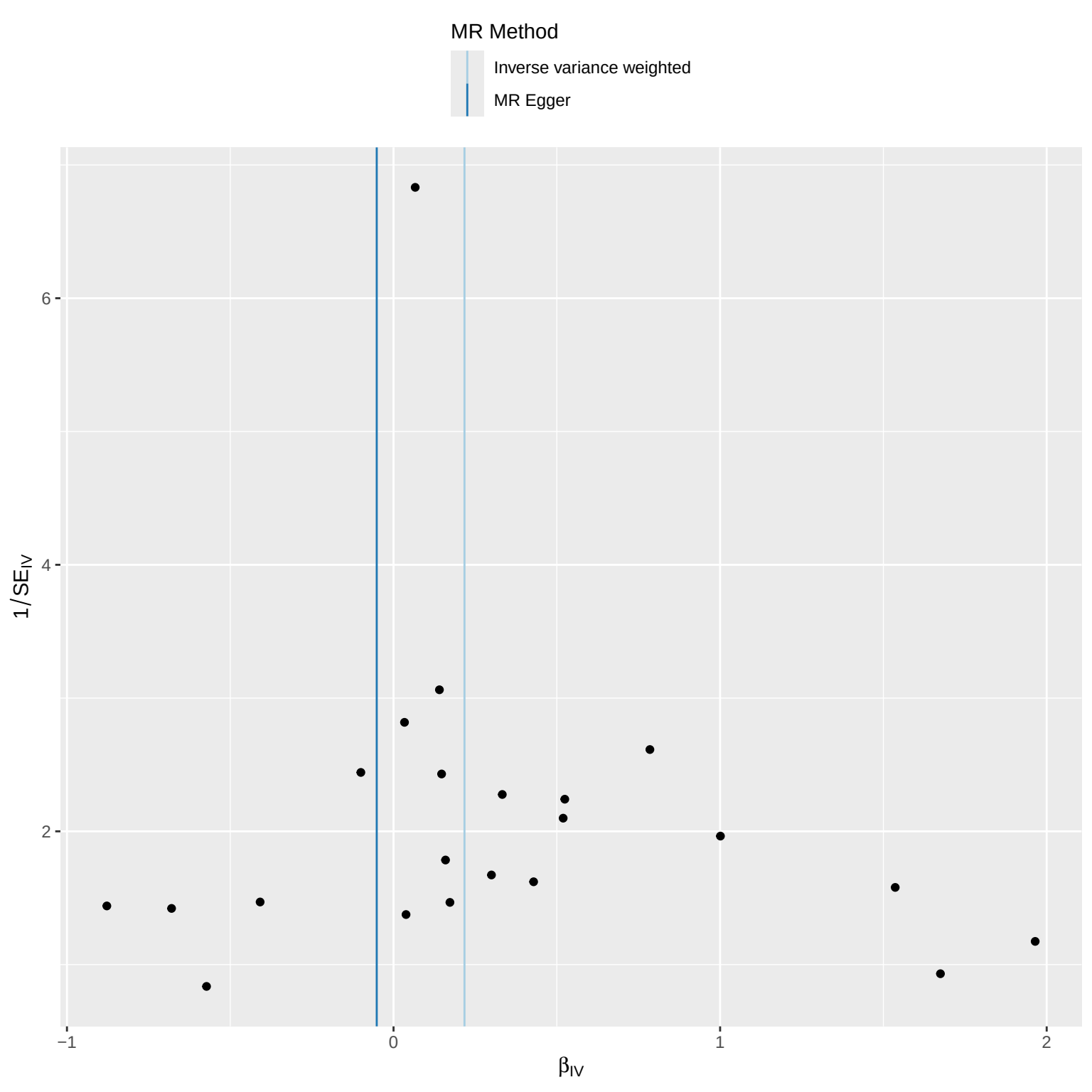

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

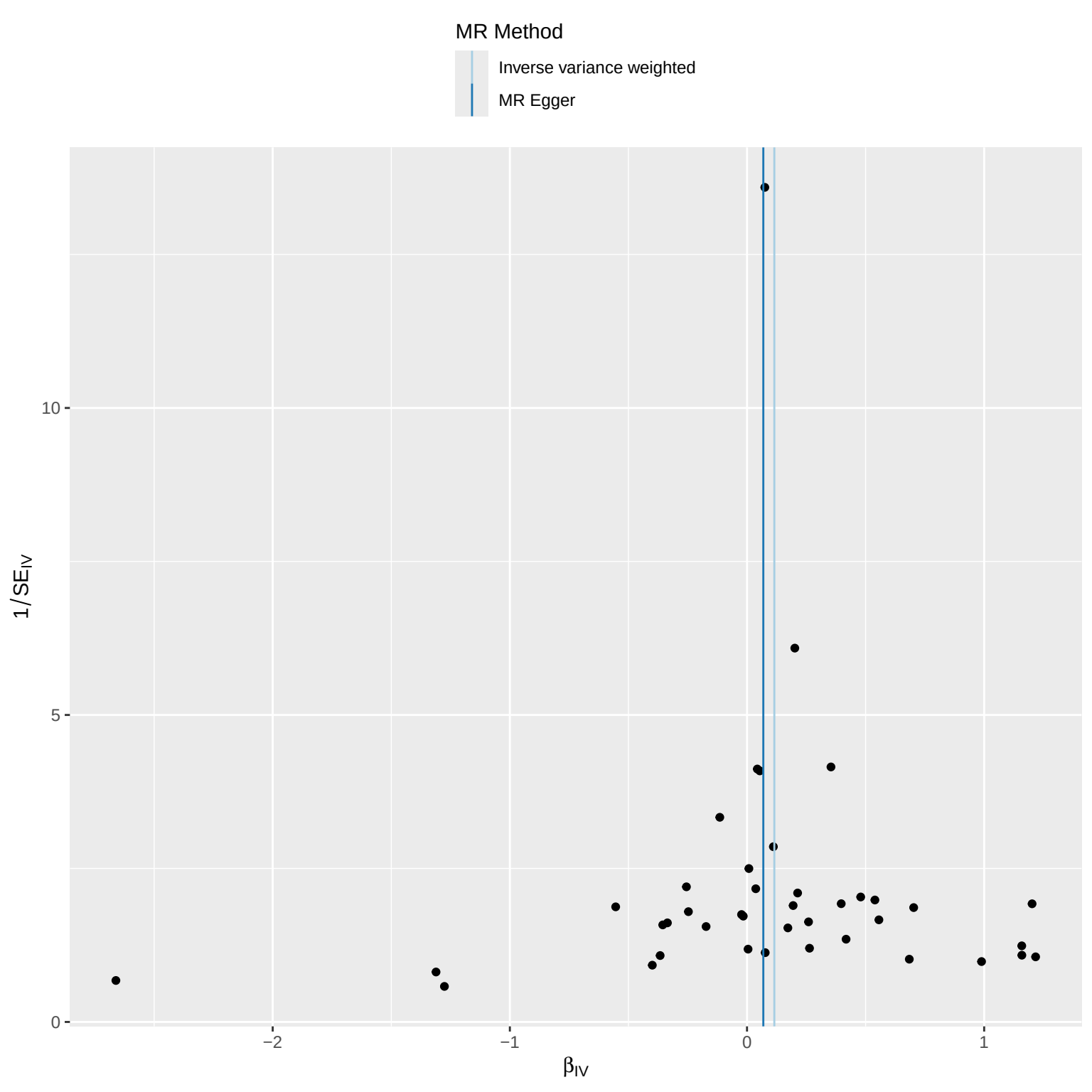

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

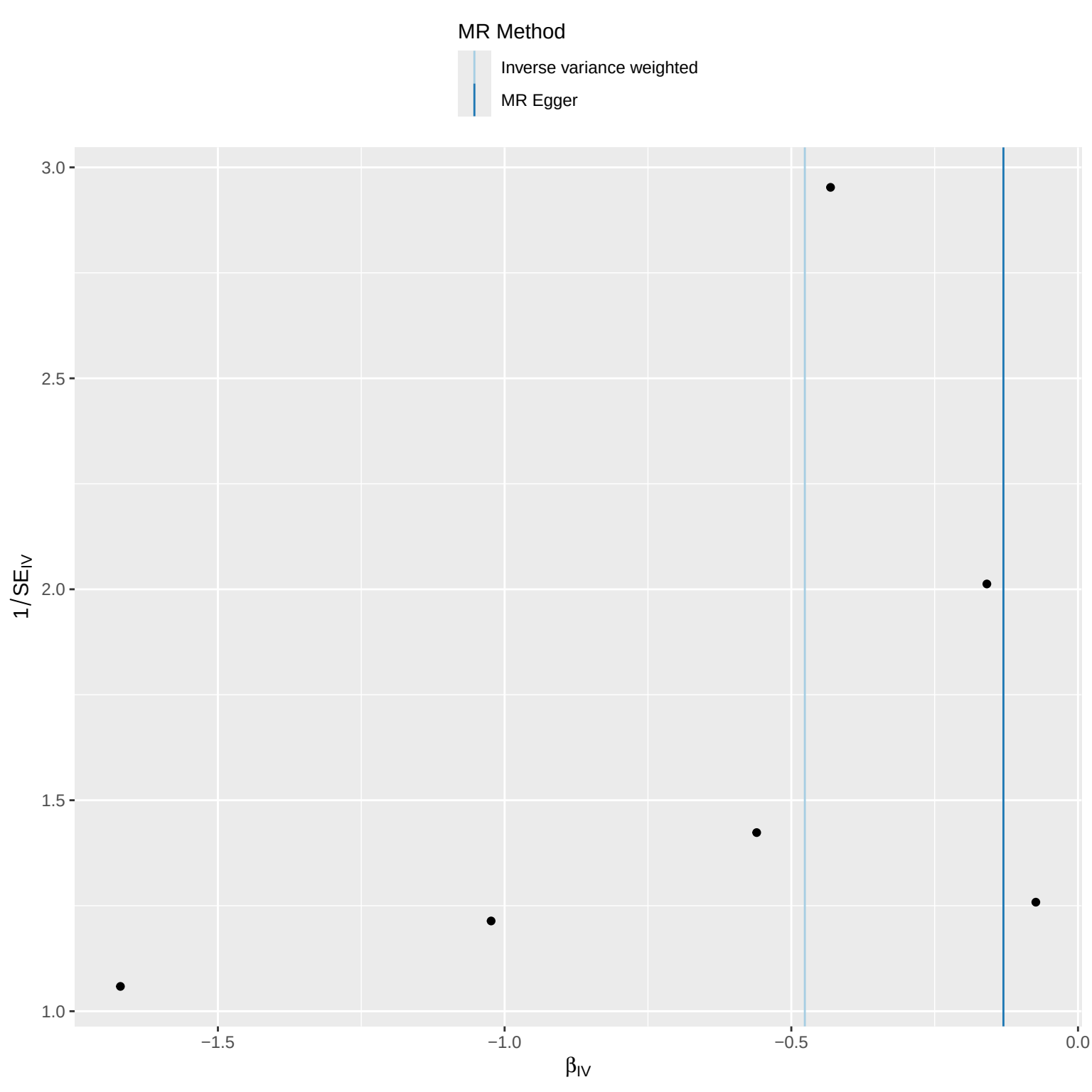

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

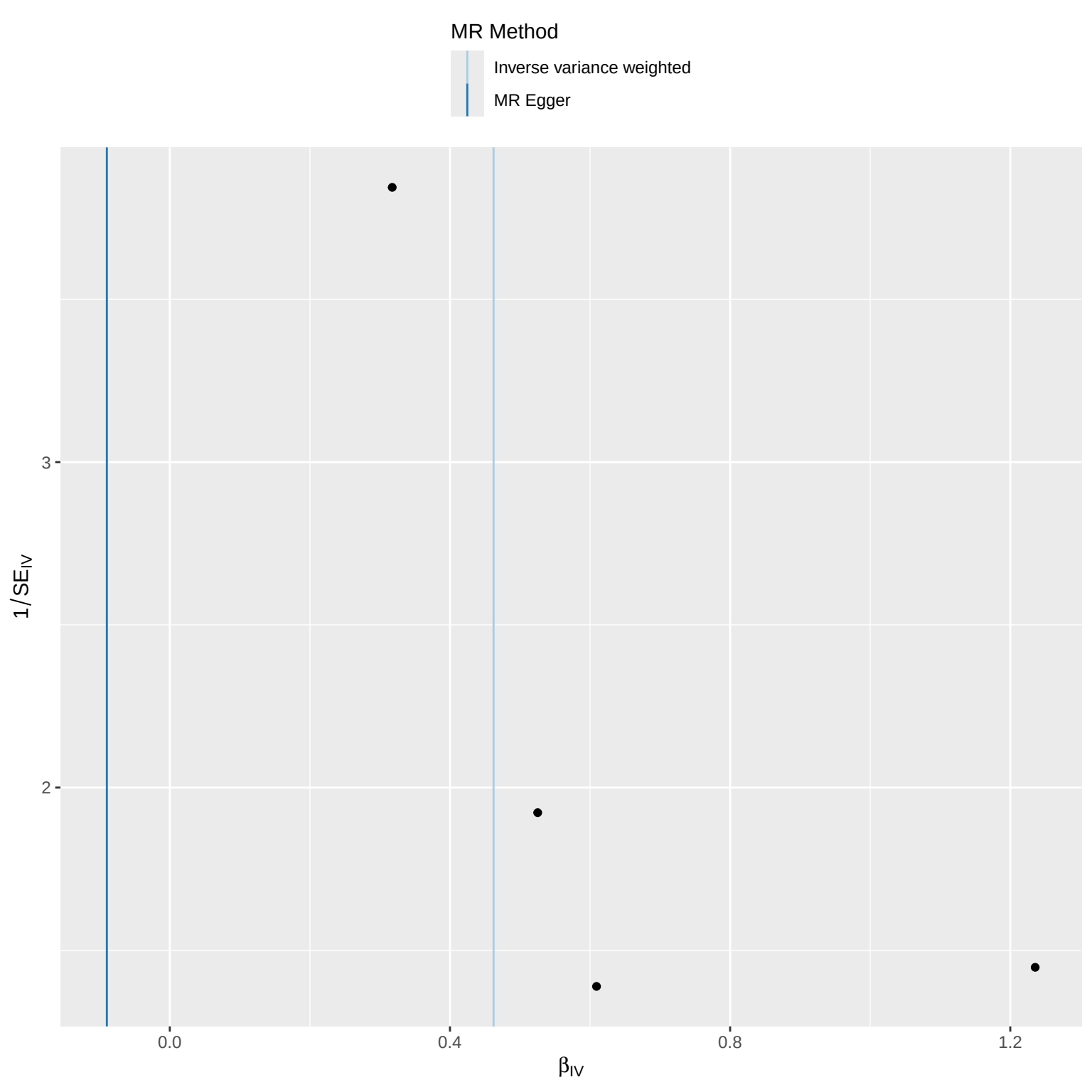

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−2
−1
0
1
β_IV

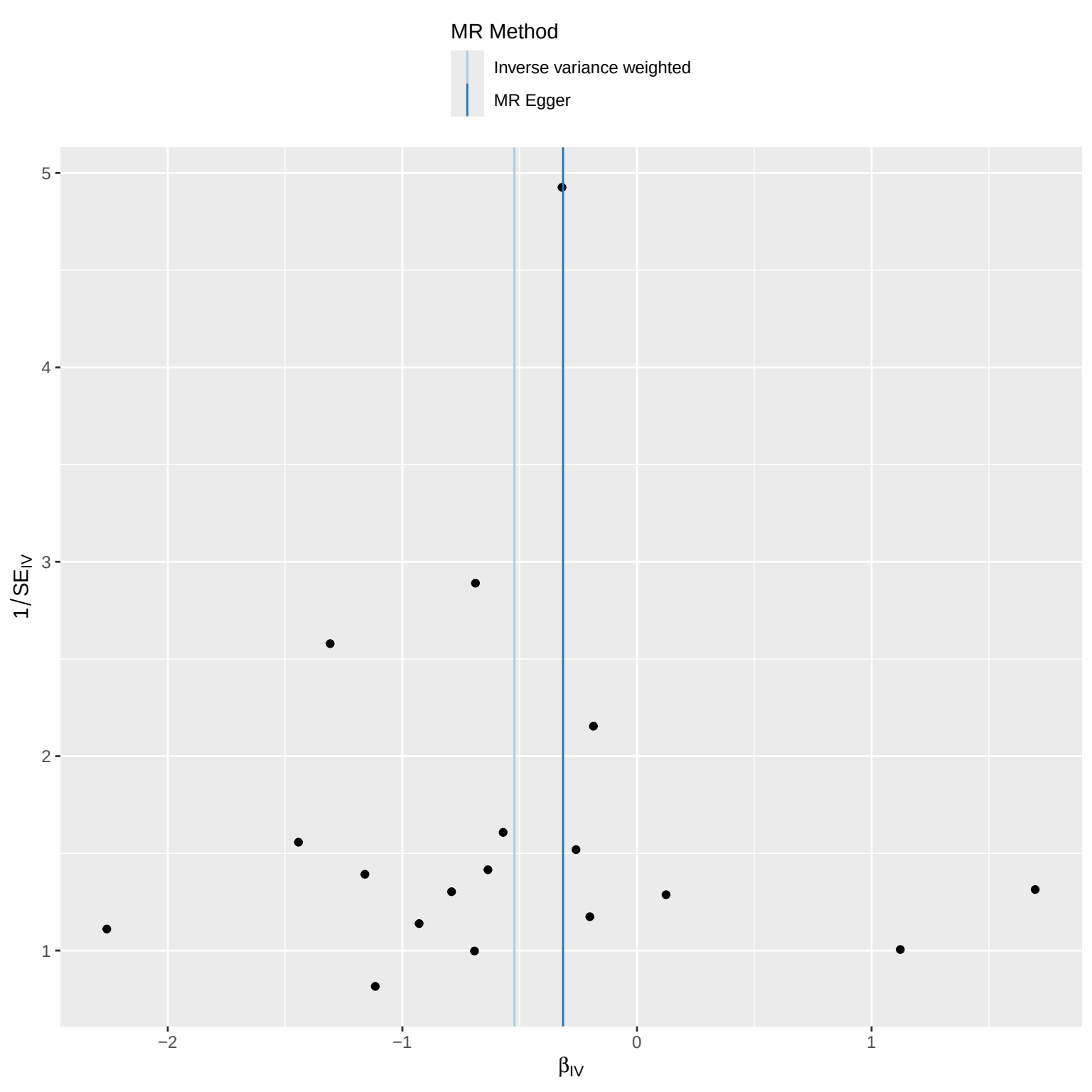

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2
3

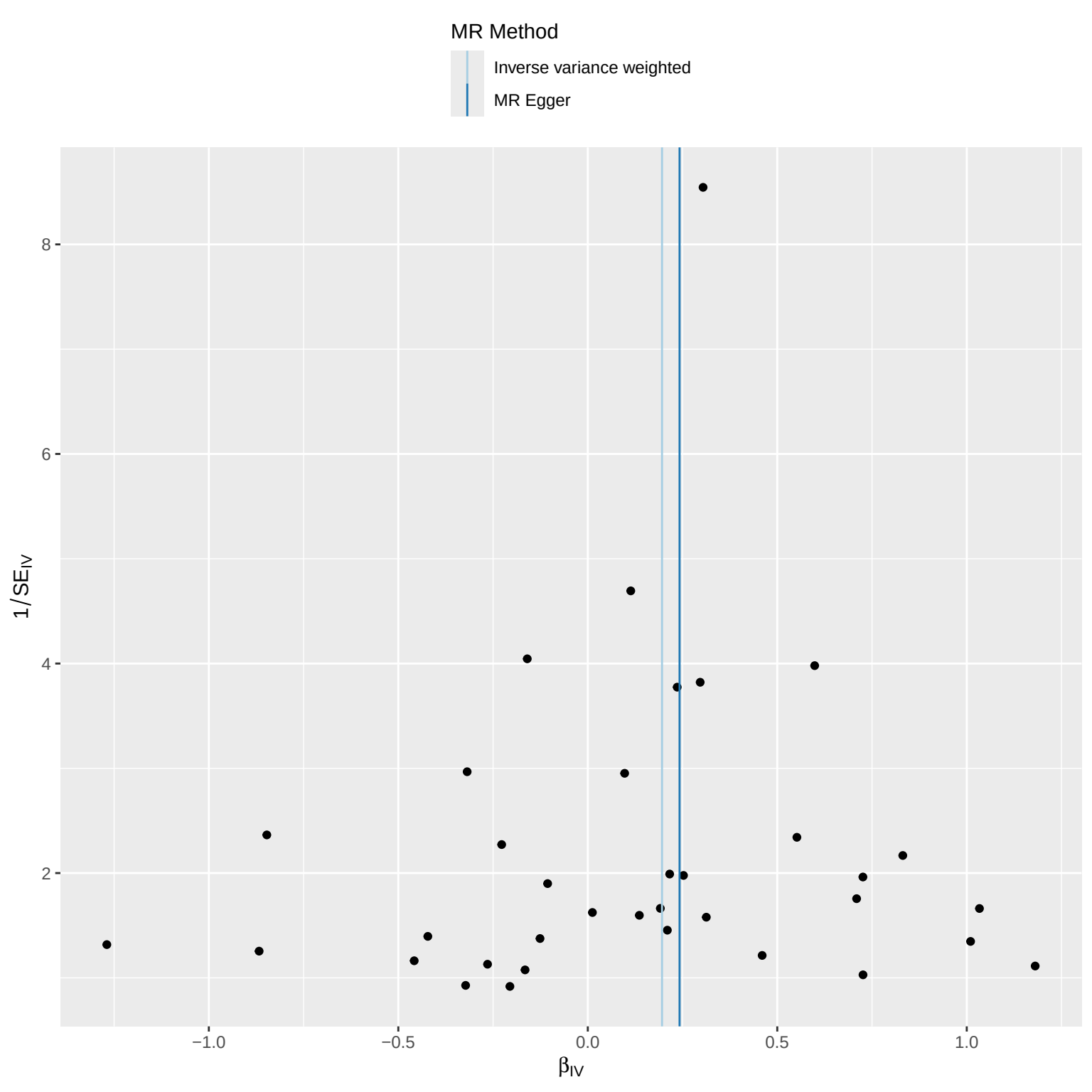

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

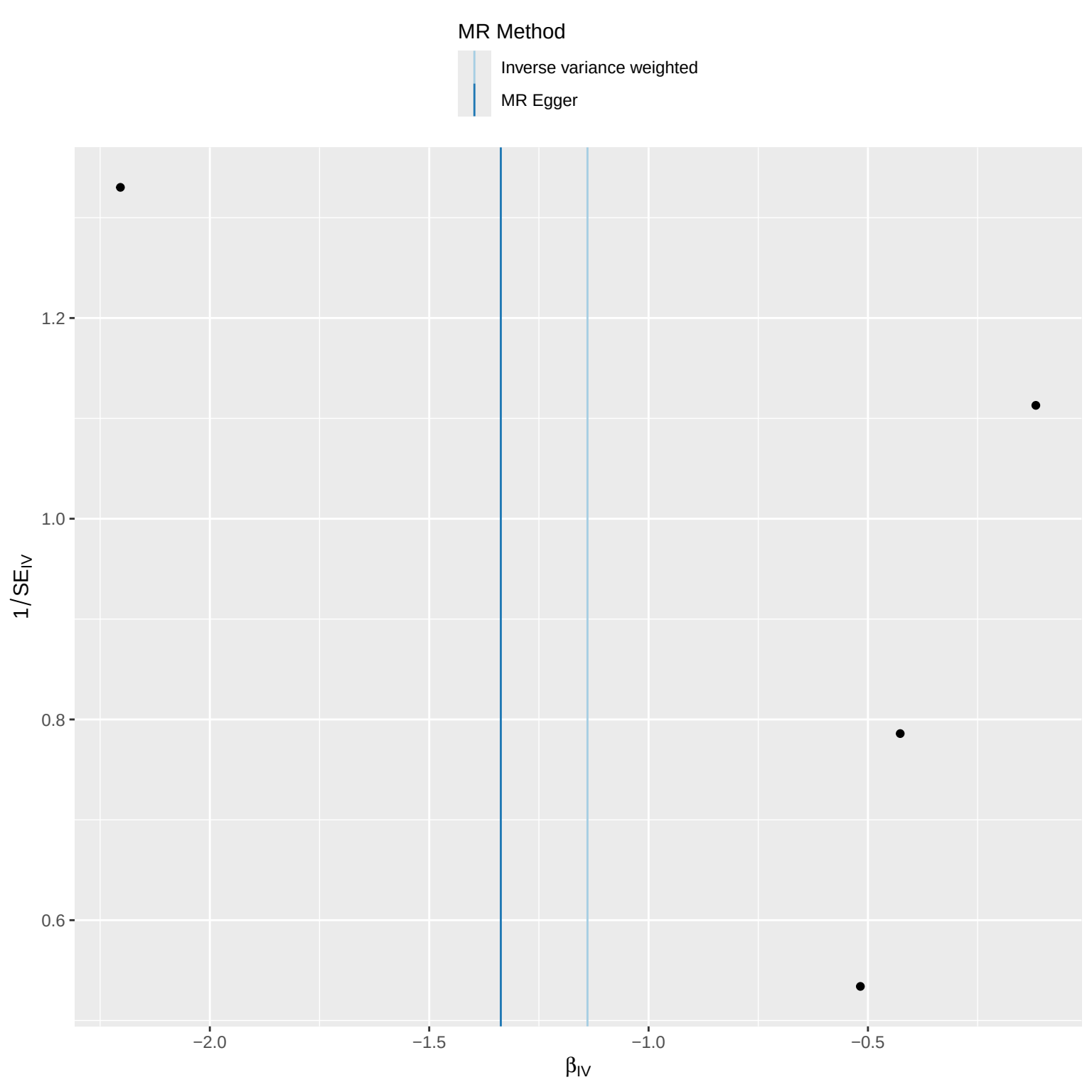

MR Method
Inverse variance weighted
MR Egger
10
5
0
1/SE_IV
−2
−1
0
1
β_IV

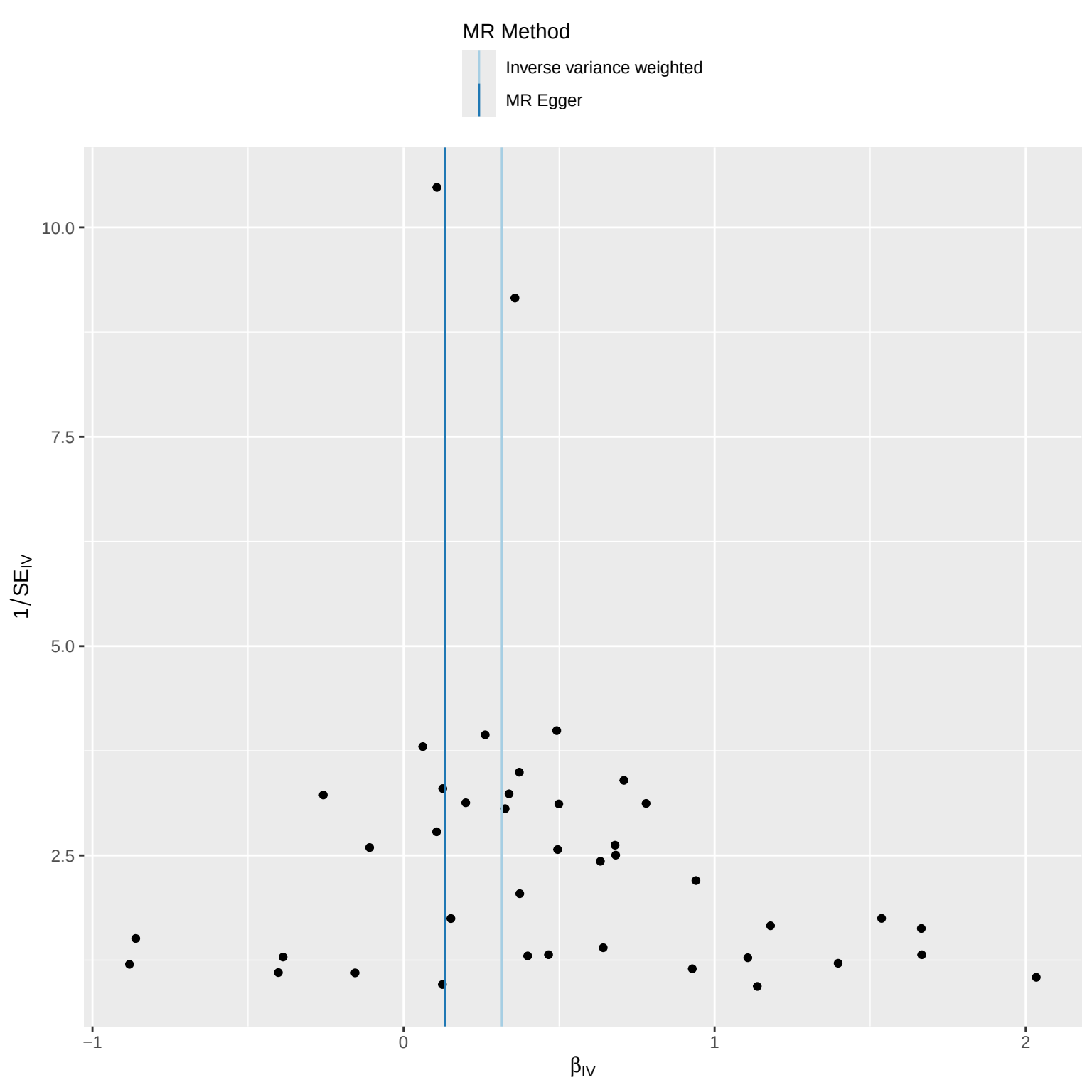

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

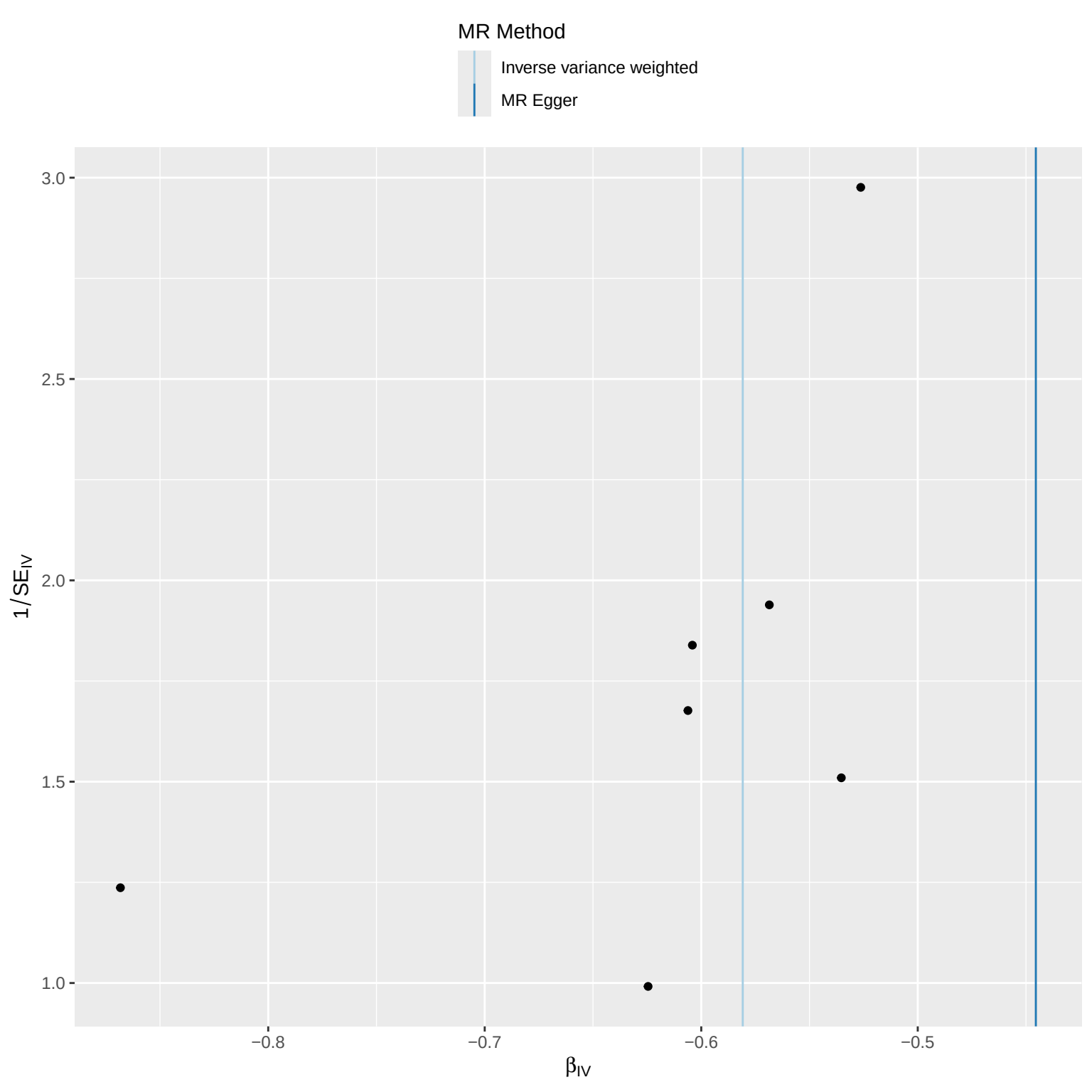

MR Method
Inverse variance weighted
MR Egger
3
2
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

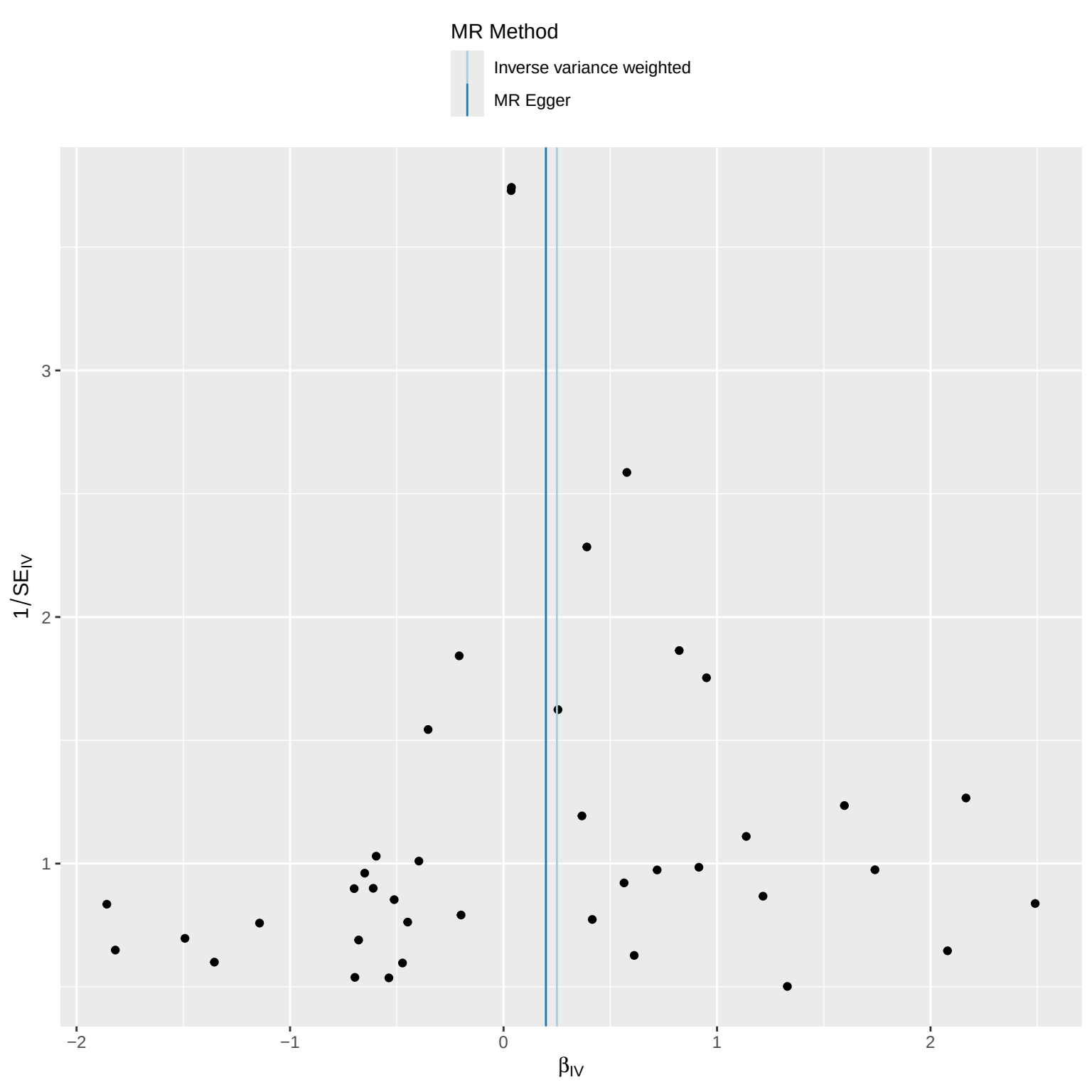

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

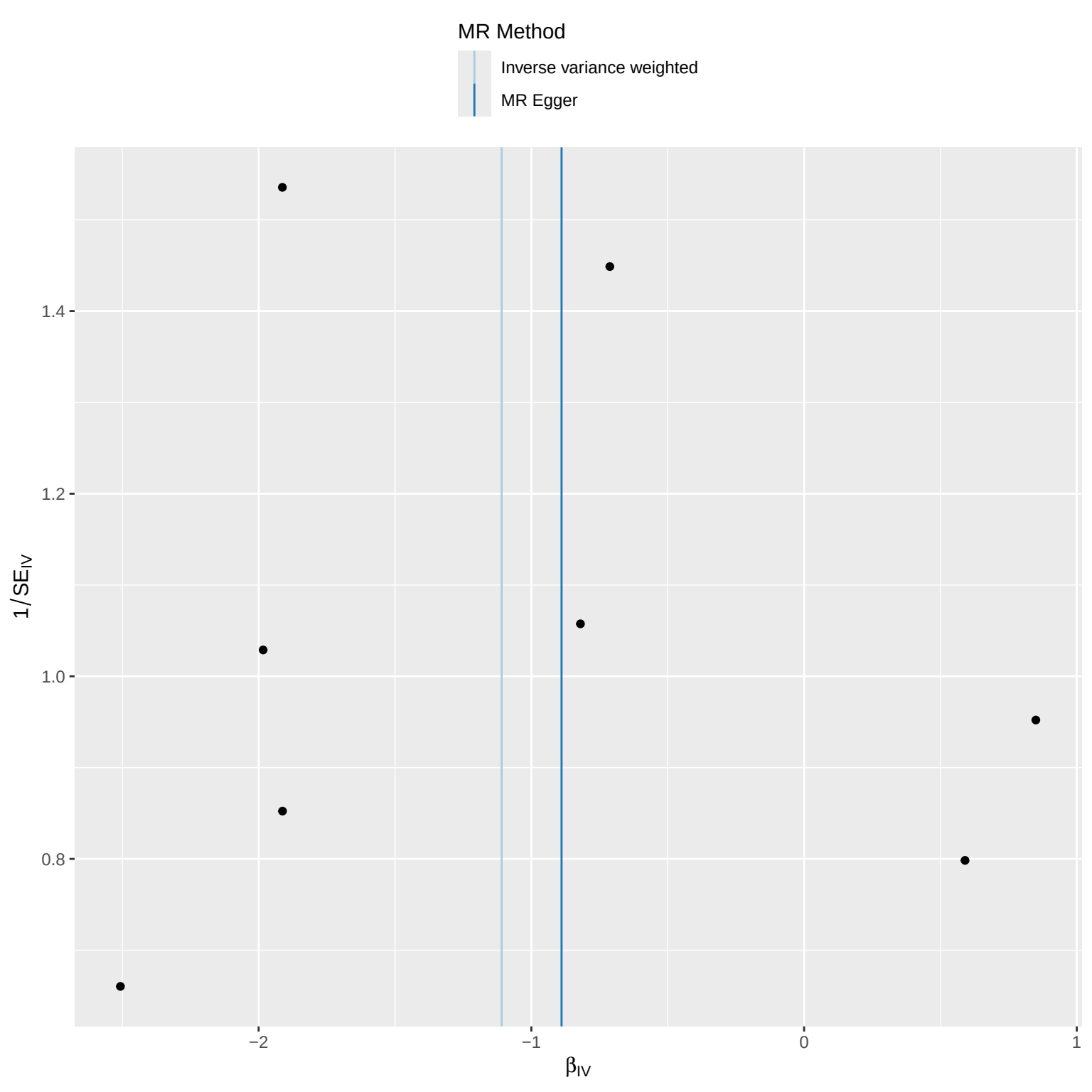

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

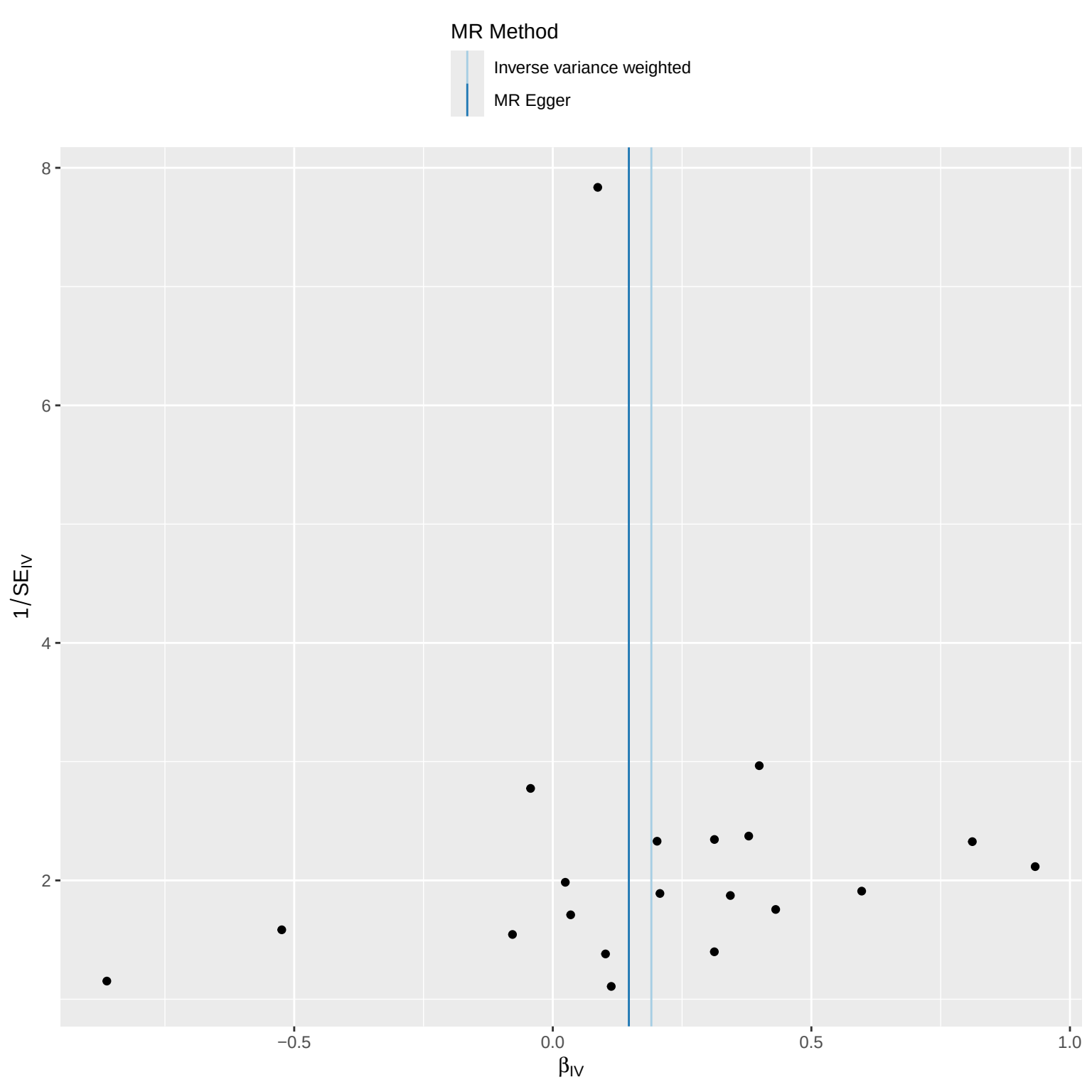

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

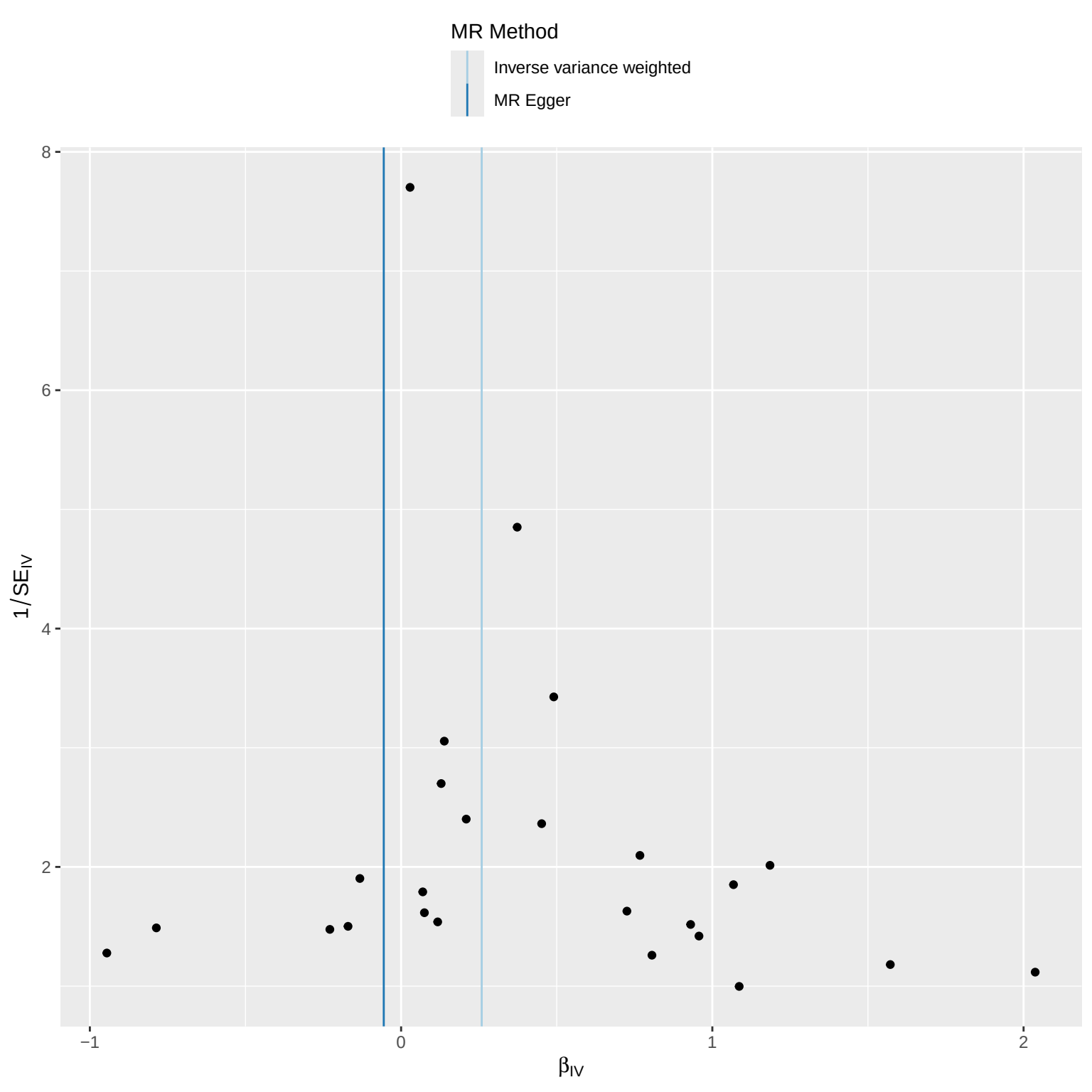

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

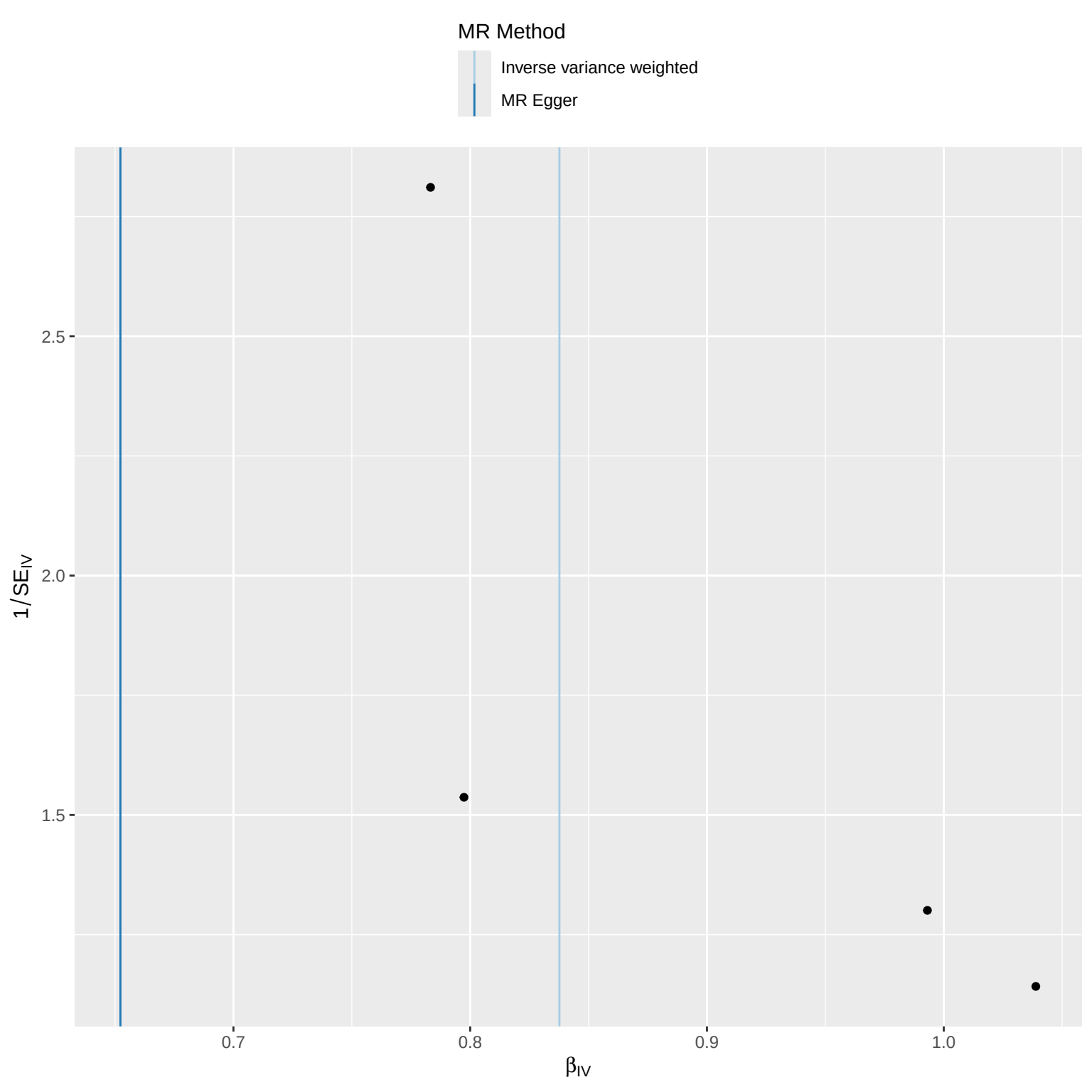

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.8
−0.7
−0.6
−0.5
β_IV

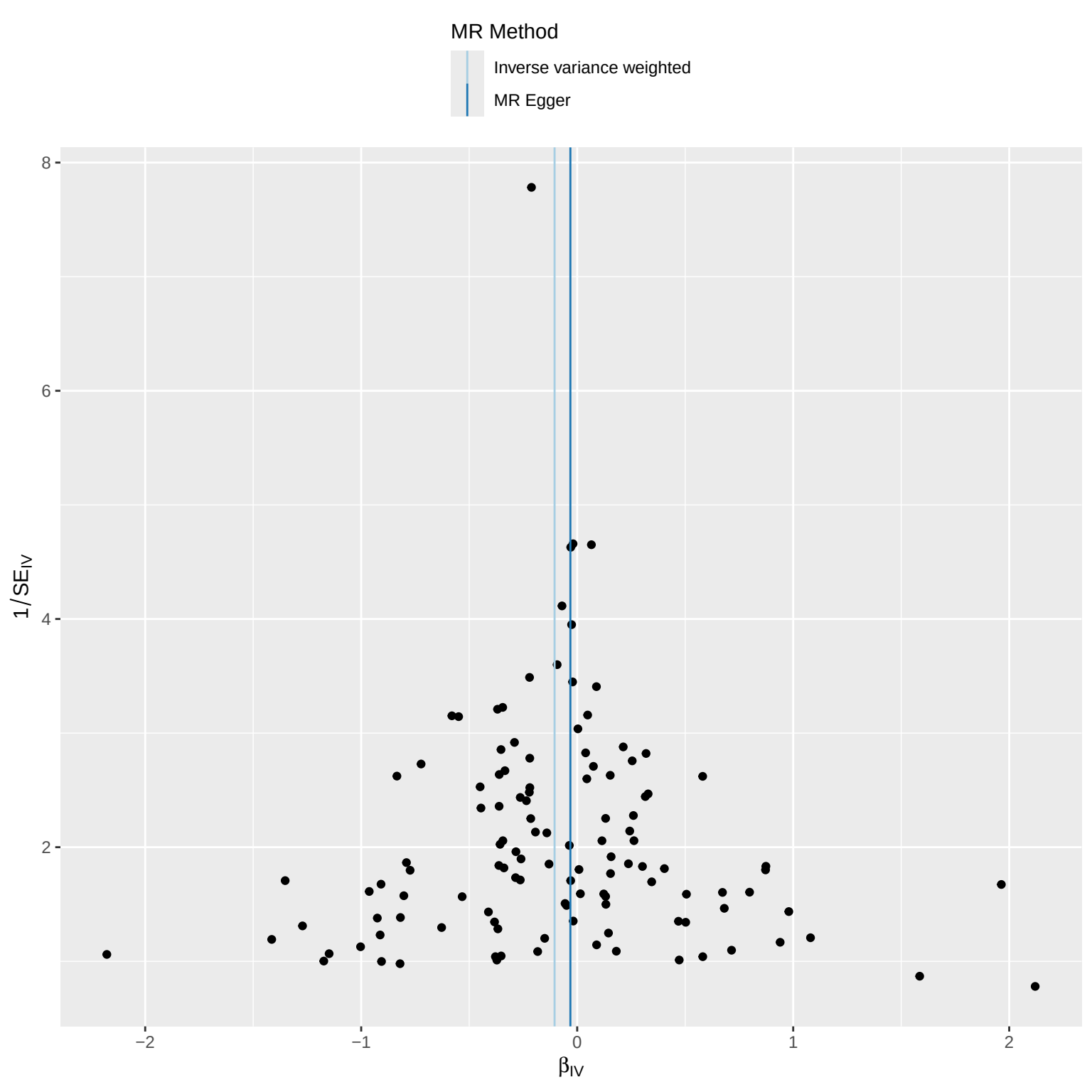

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−2
−1
0
1
2
β_IV

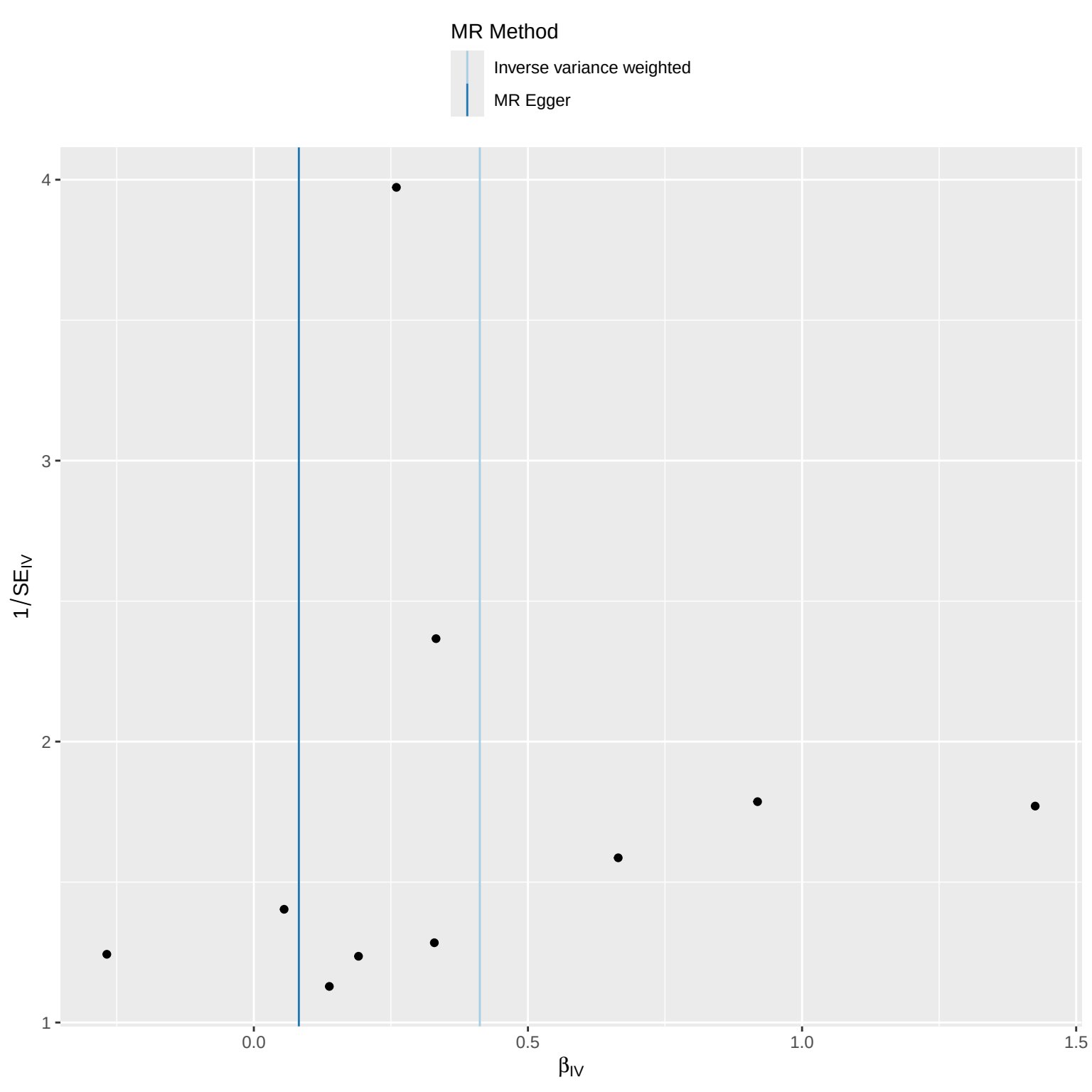

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
−2
−1
0
1
β_IV

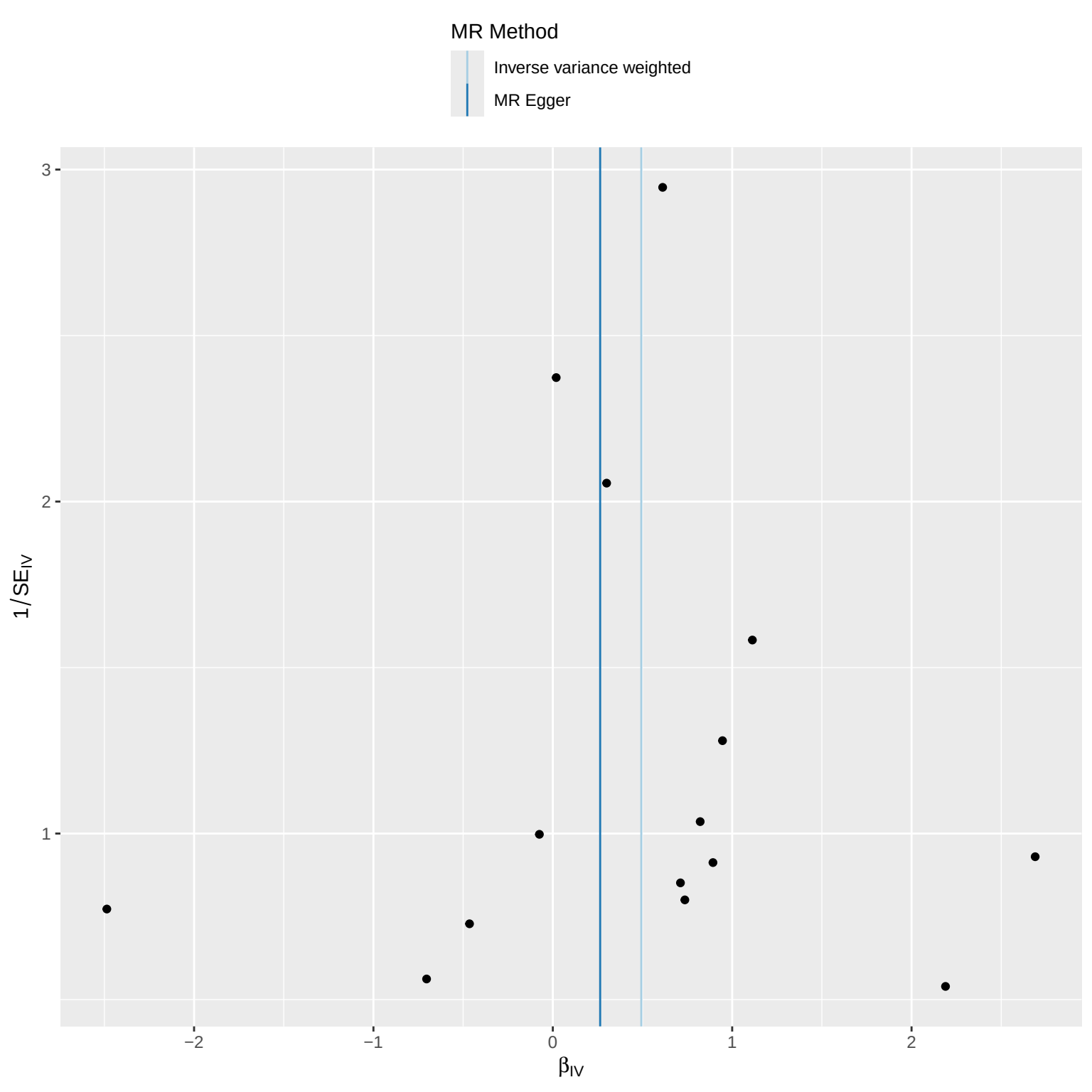

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

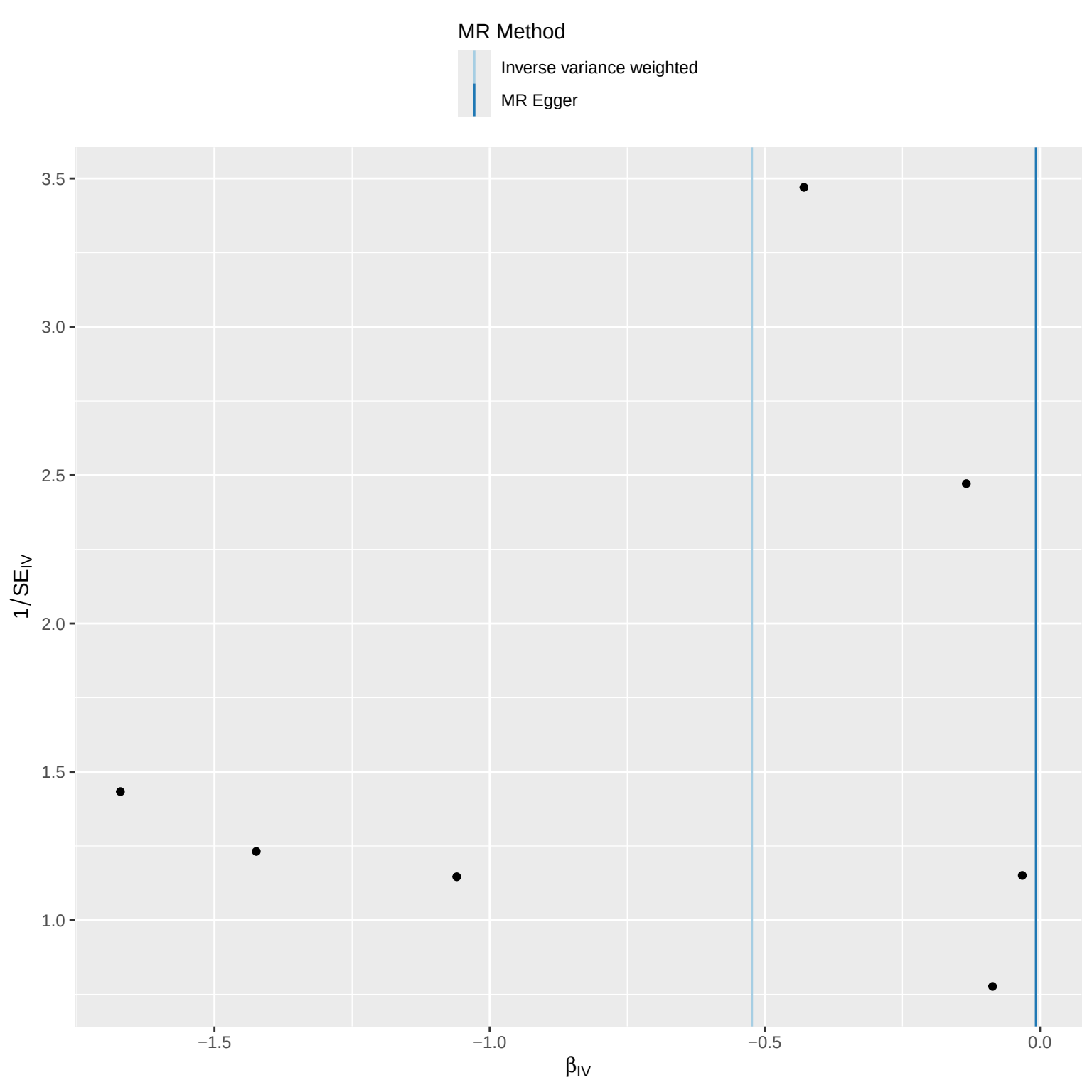

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

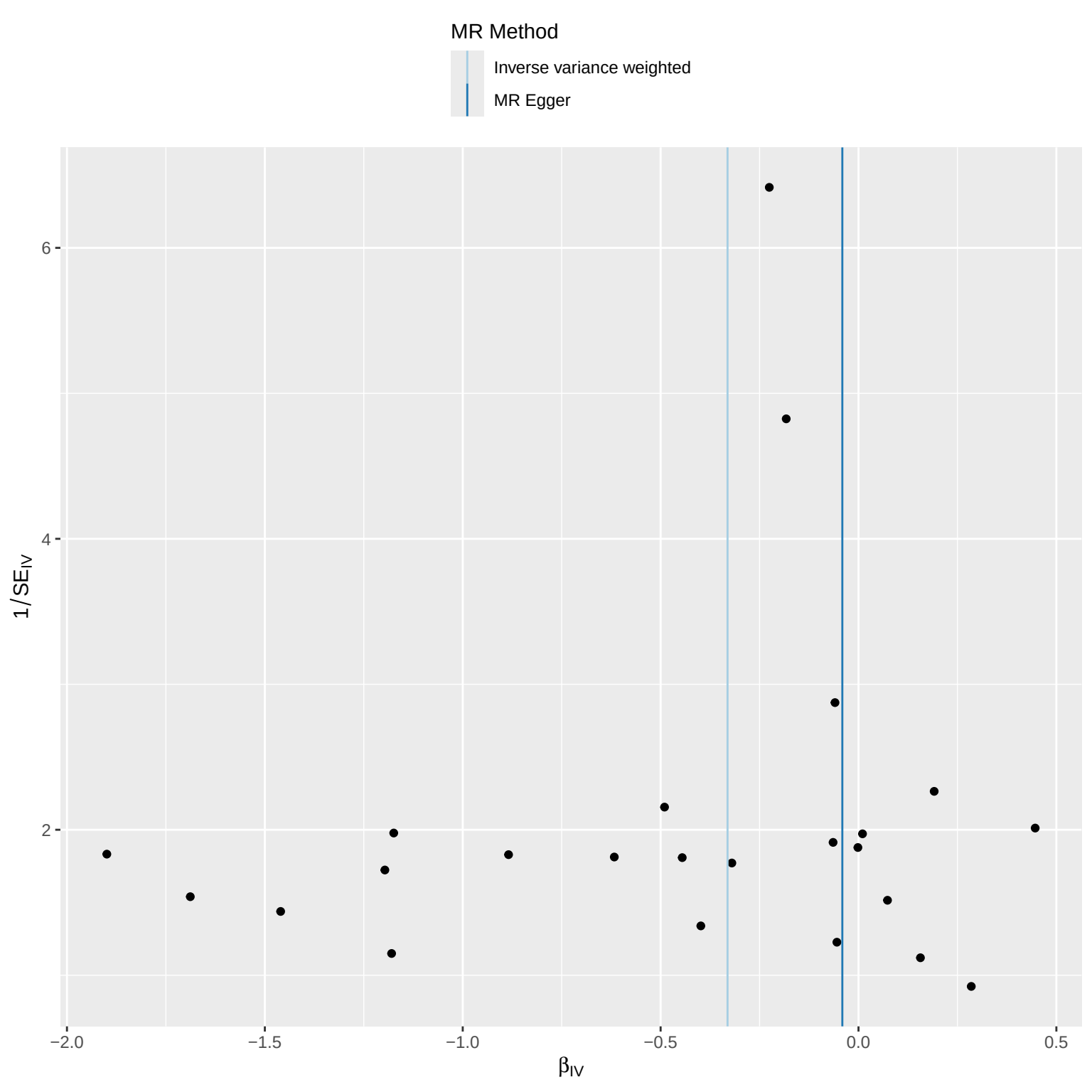

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
0.7
0.8
0.9
1.0
β_IV

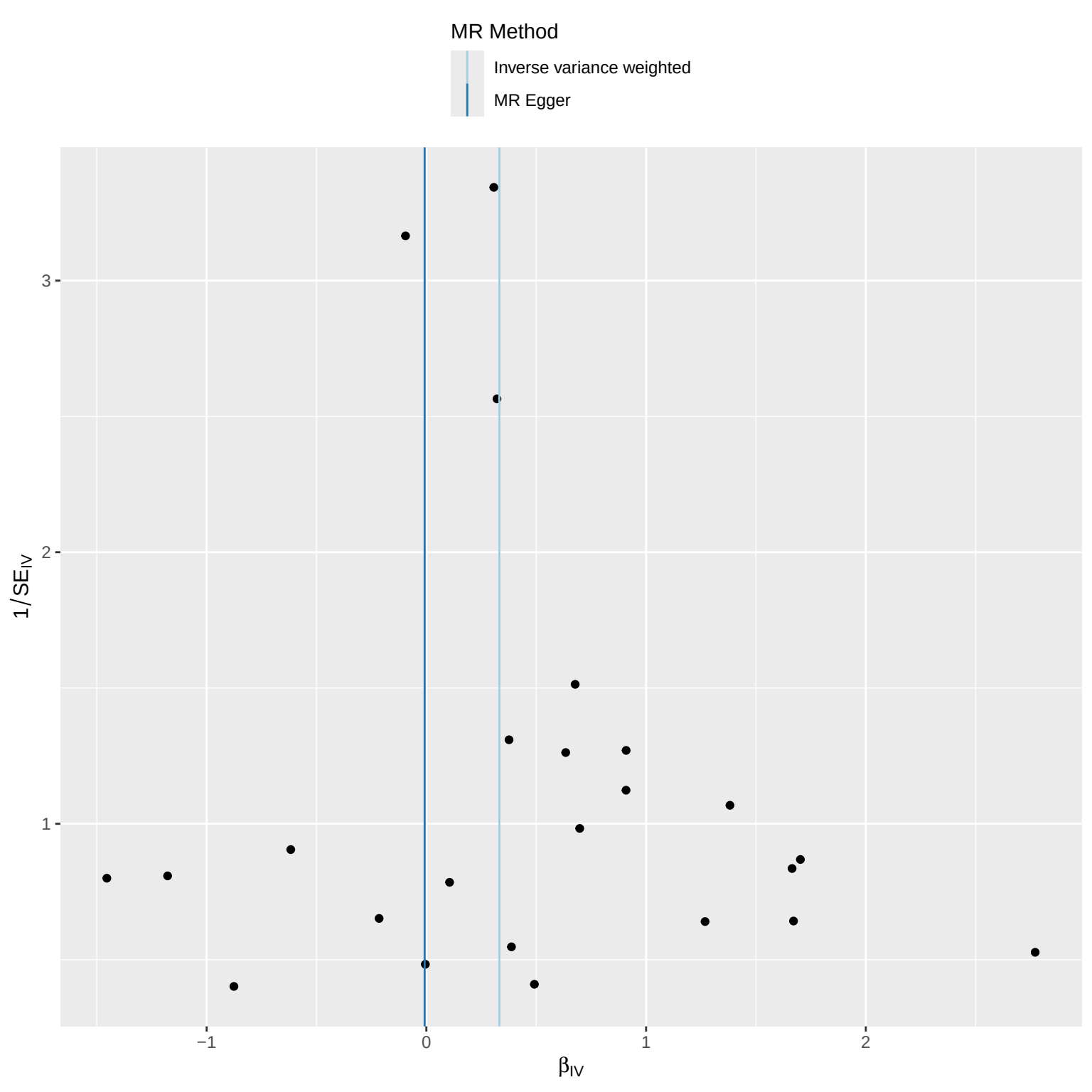

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

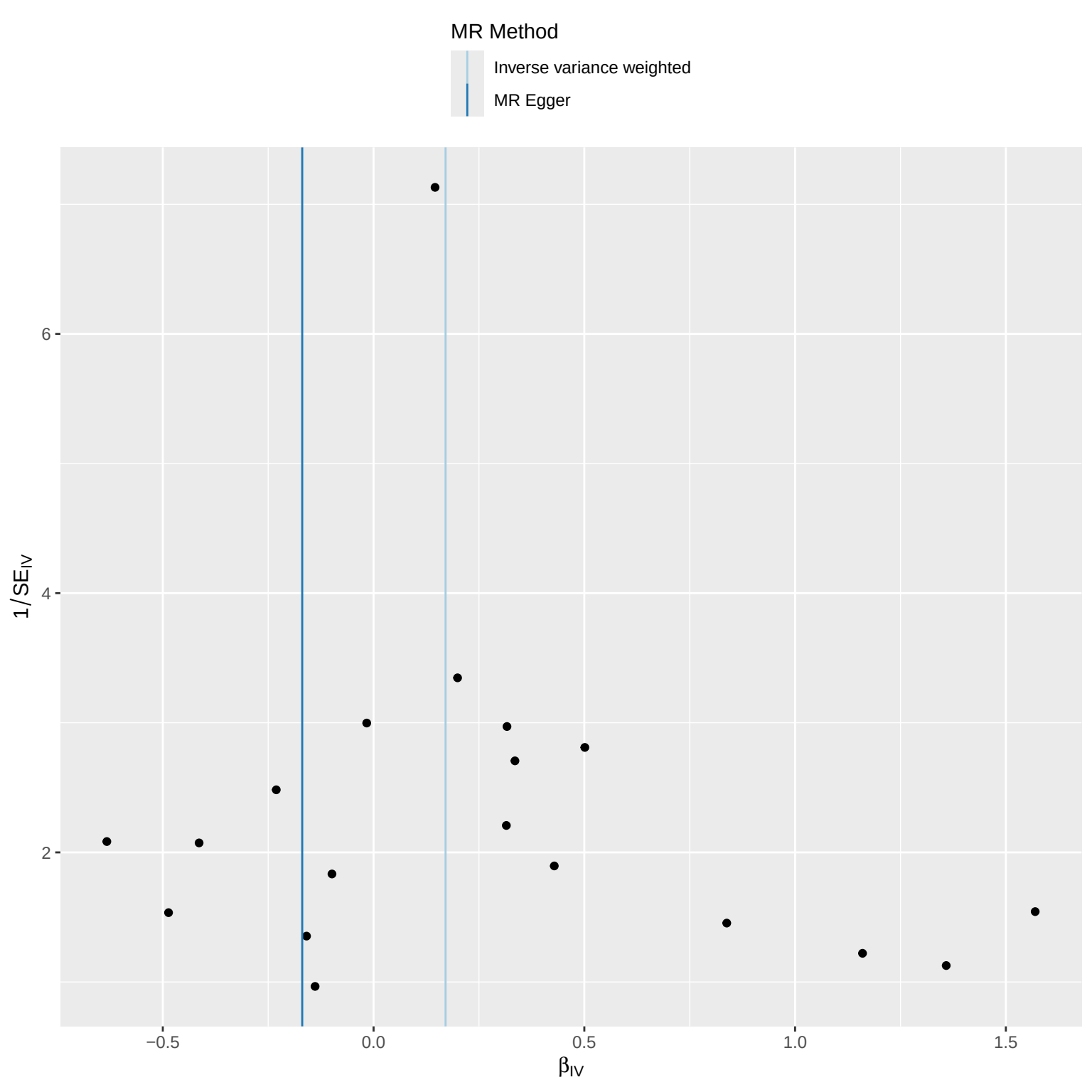

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

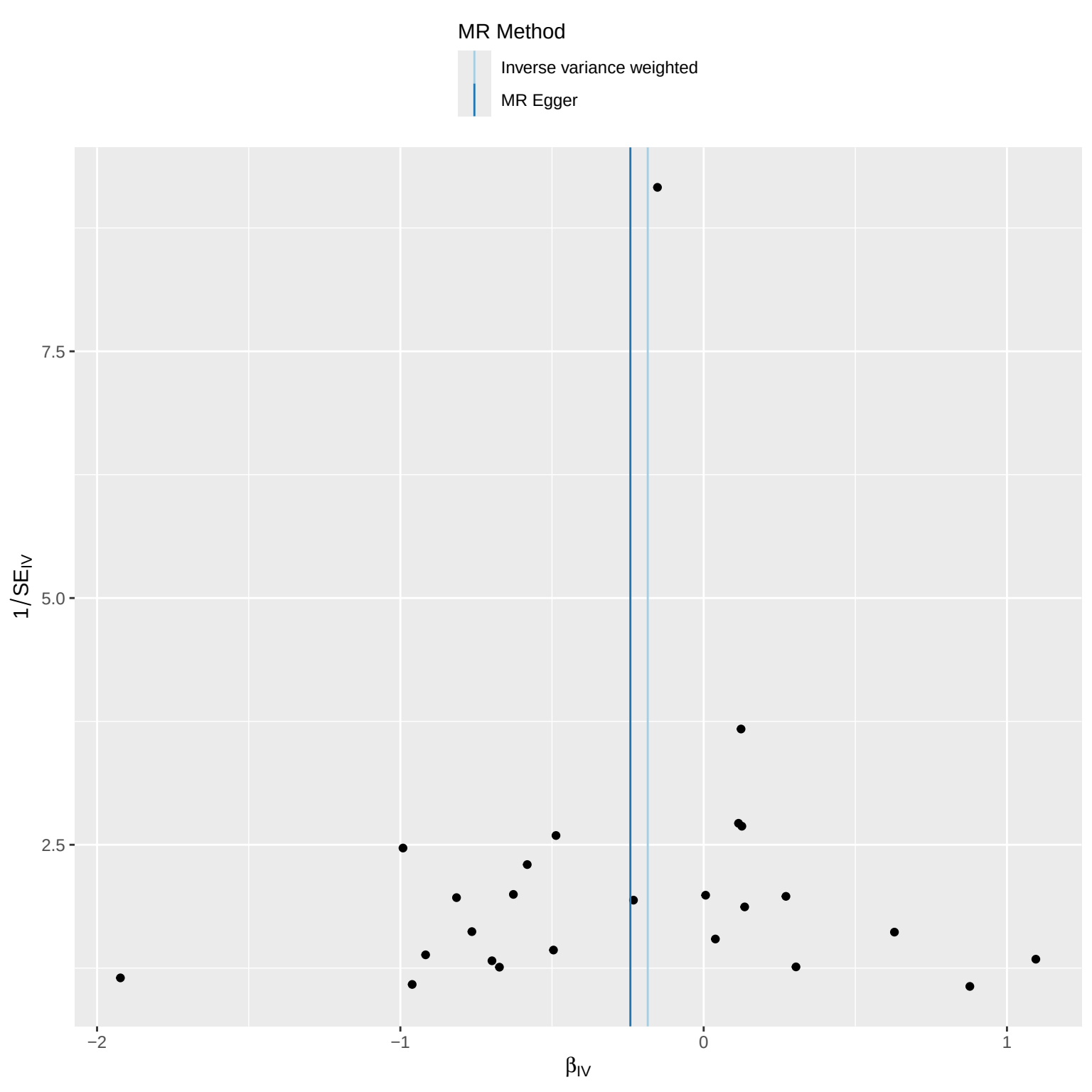

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

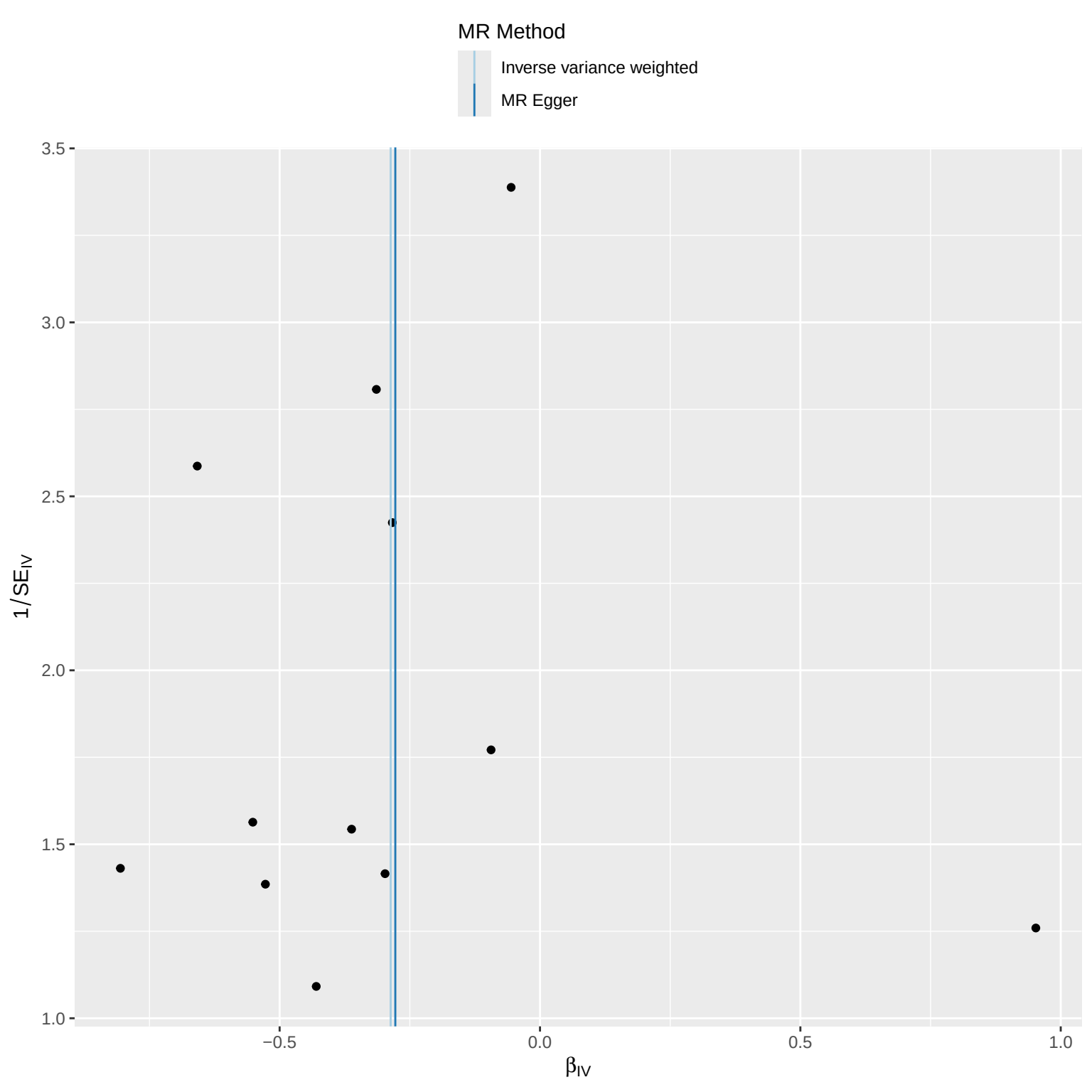

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

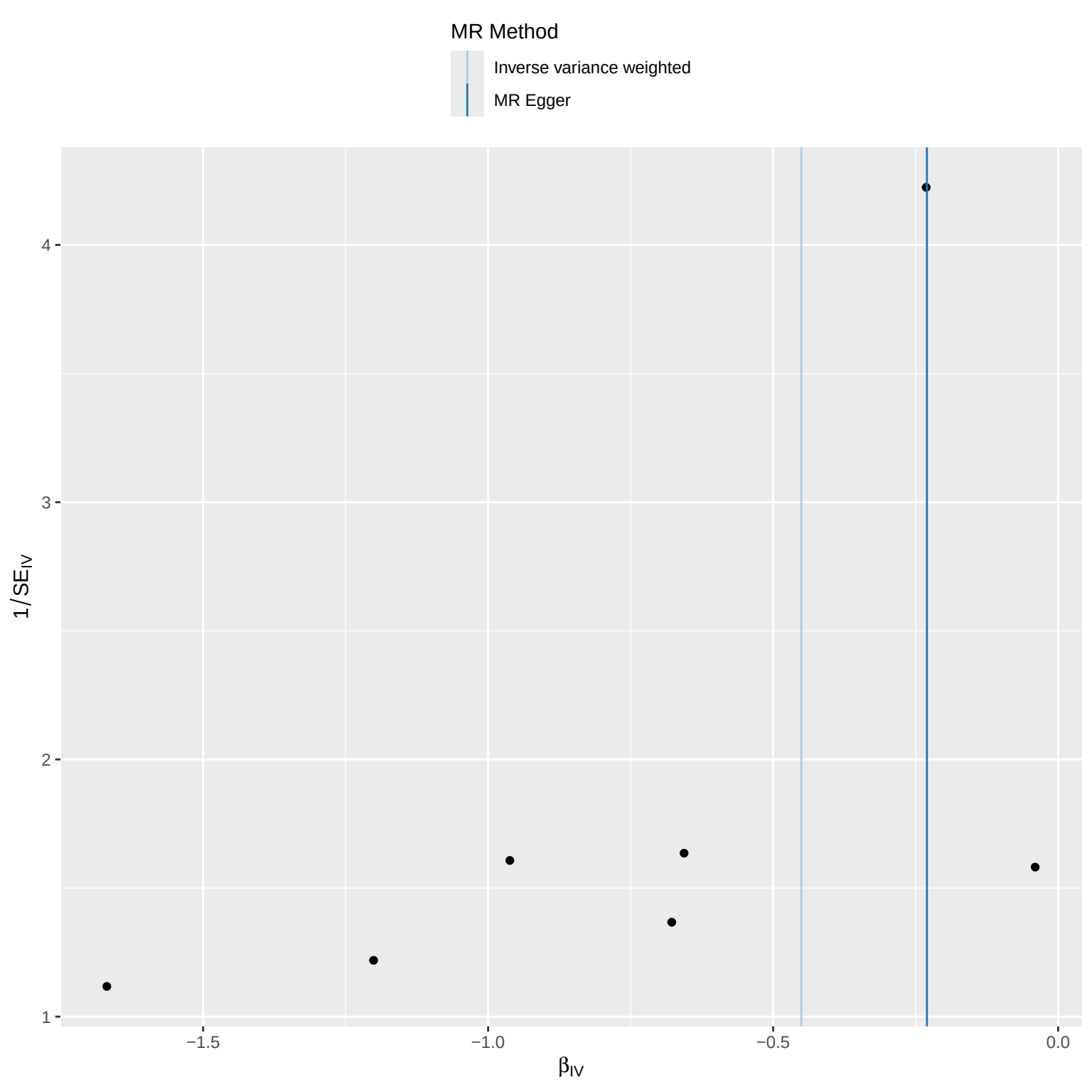

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

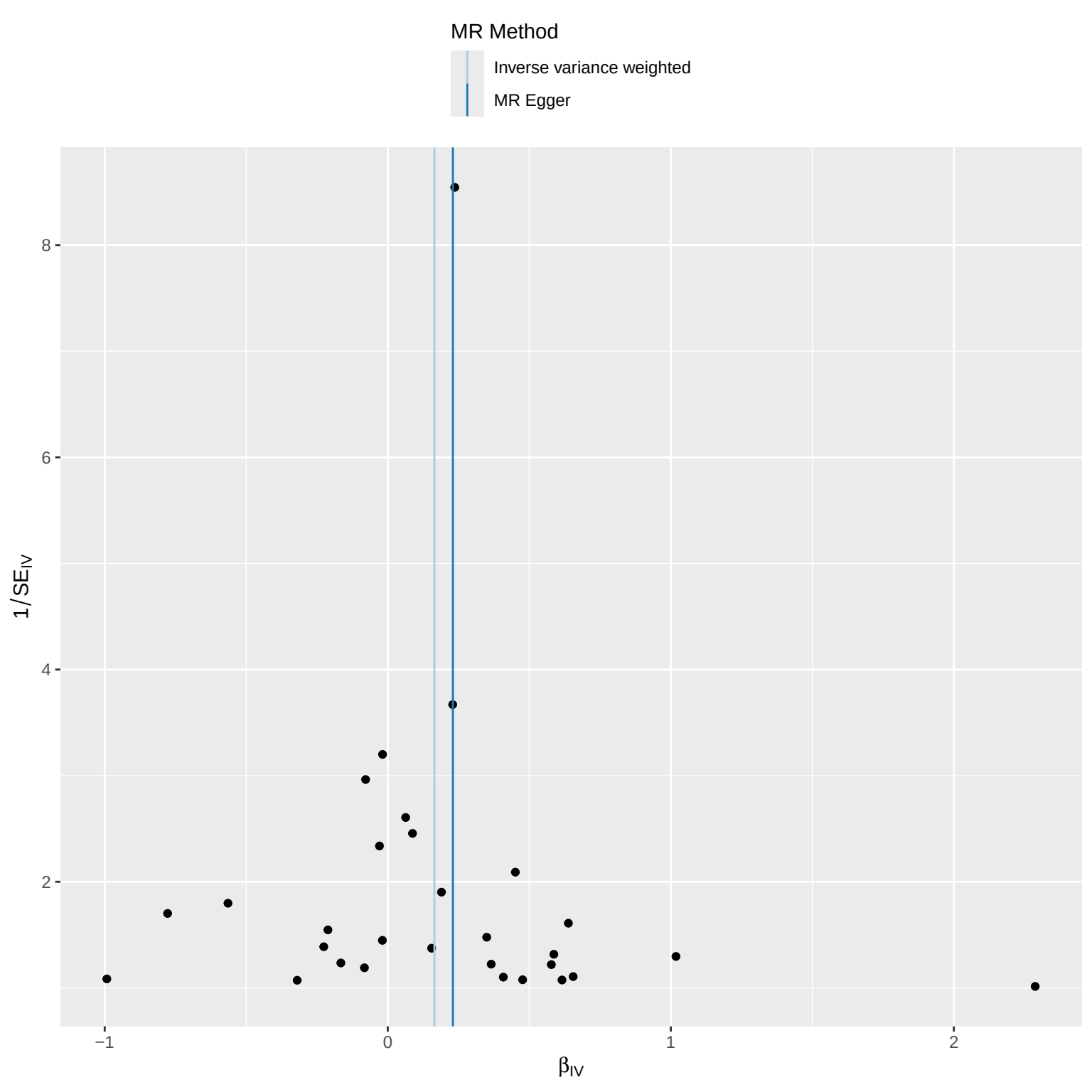

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

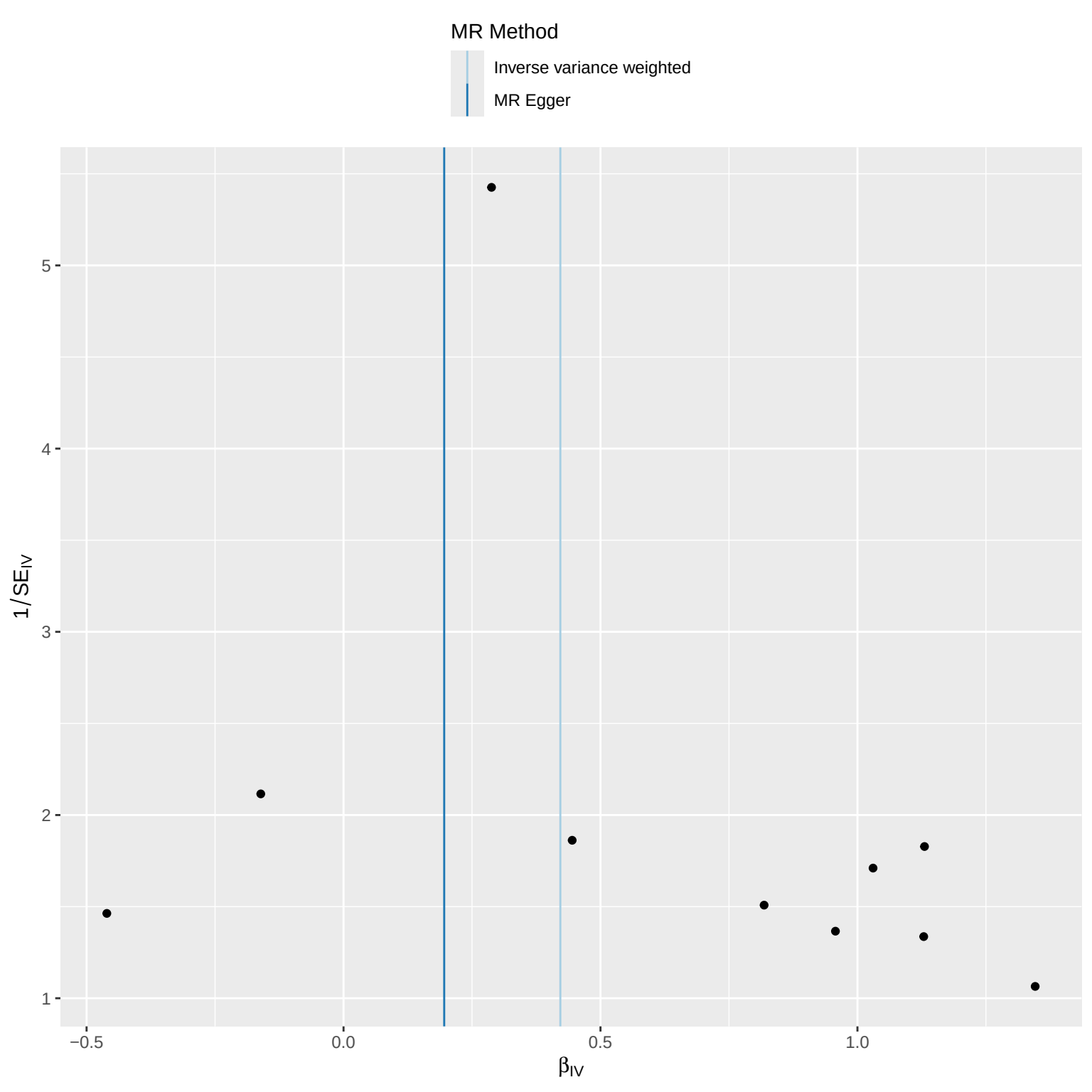

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

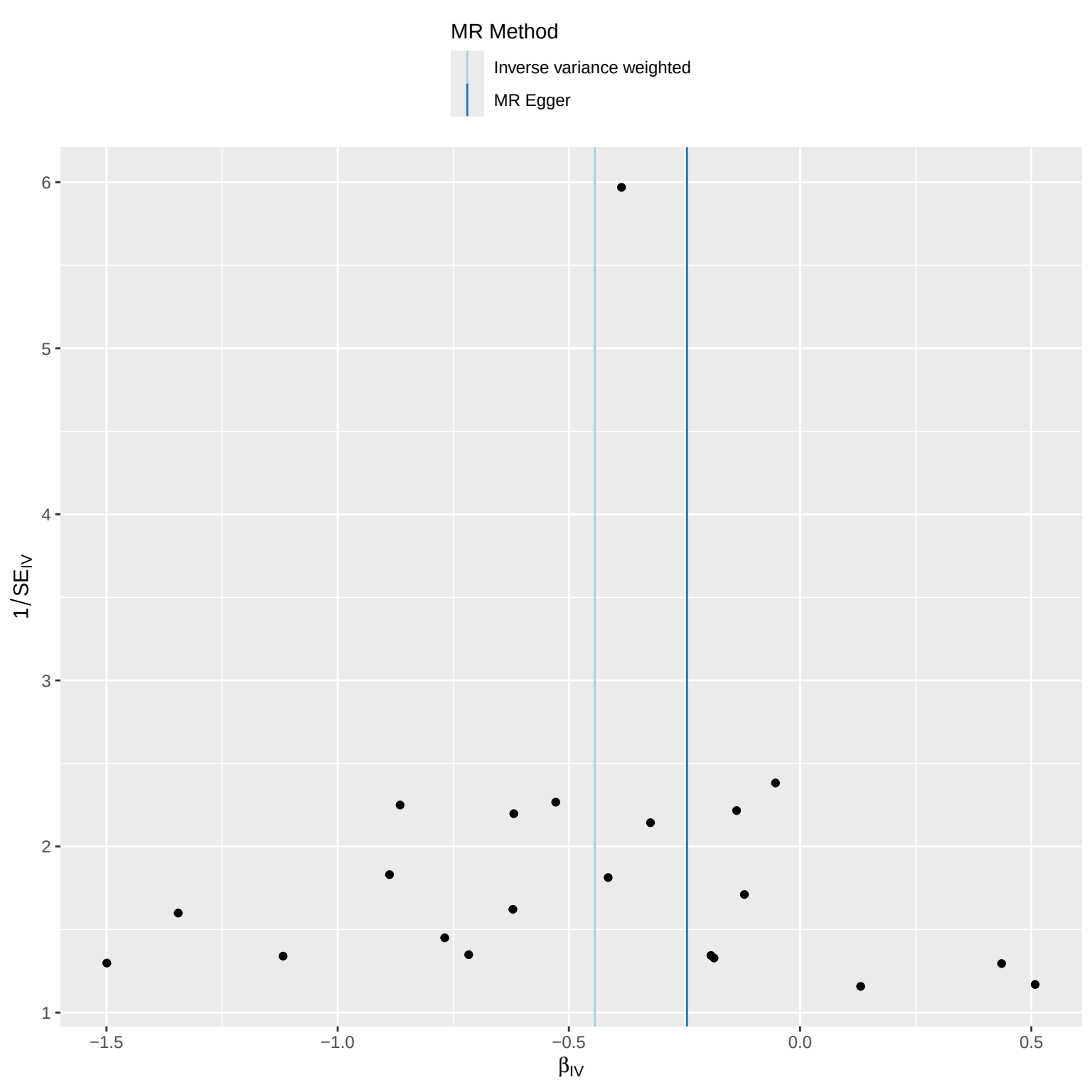

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

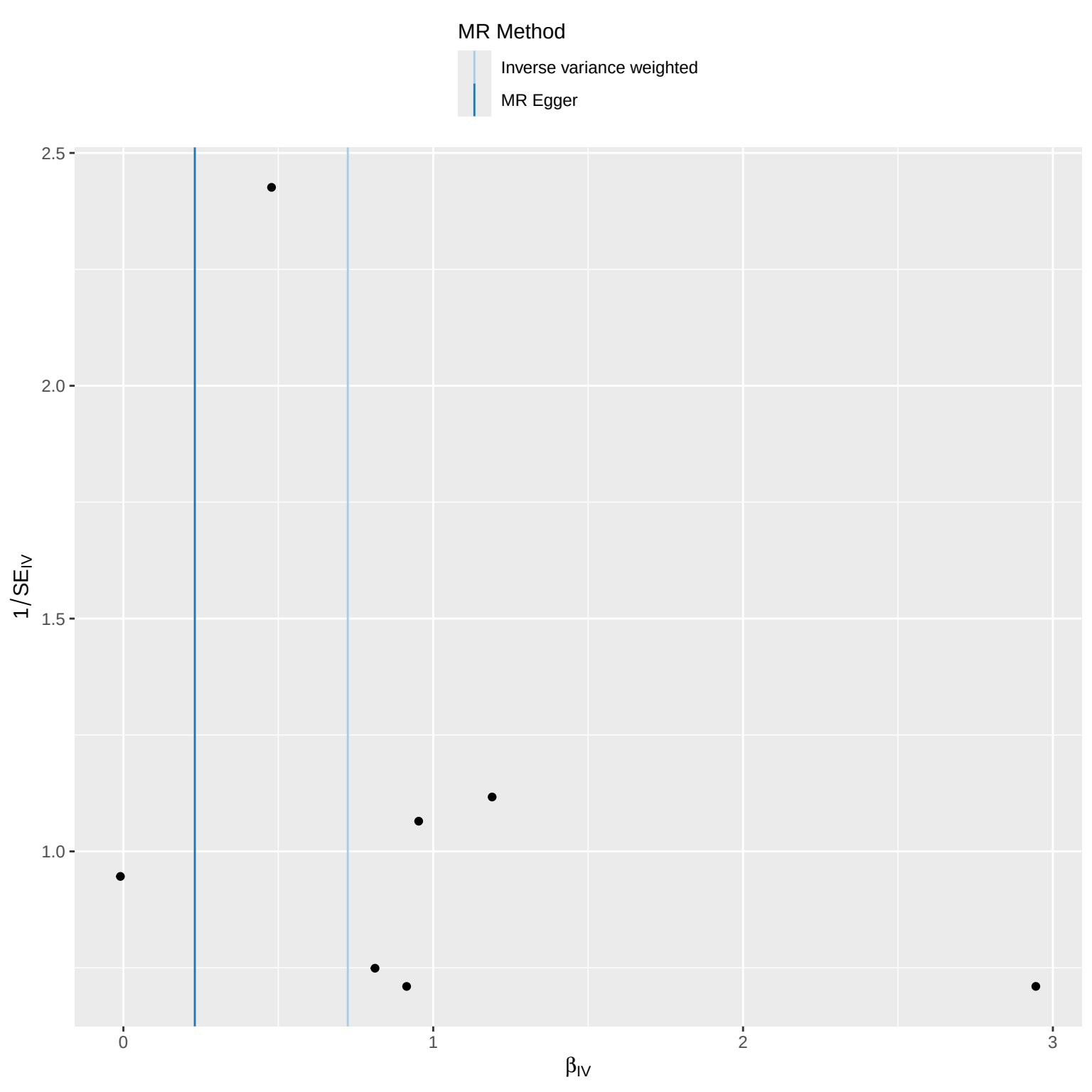

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

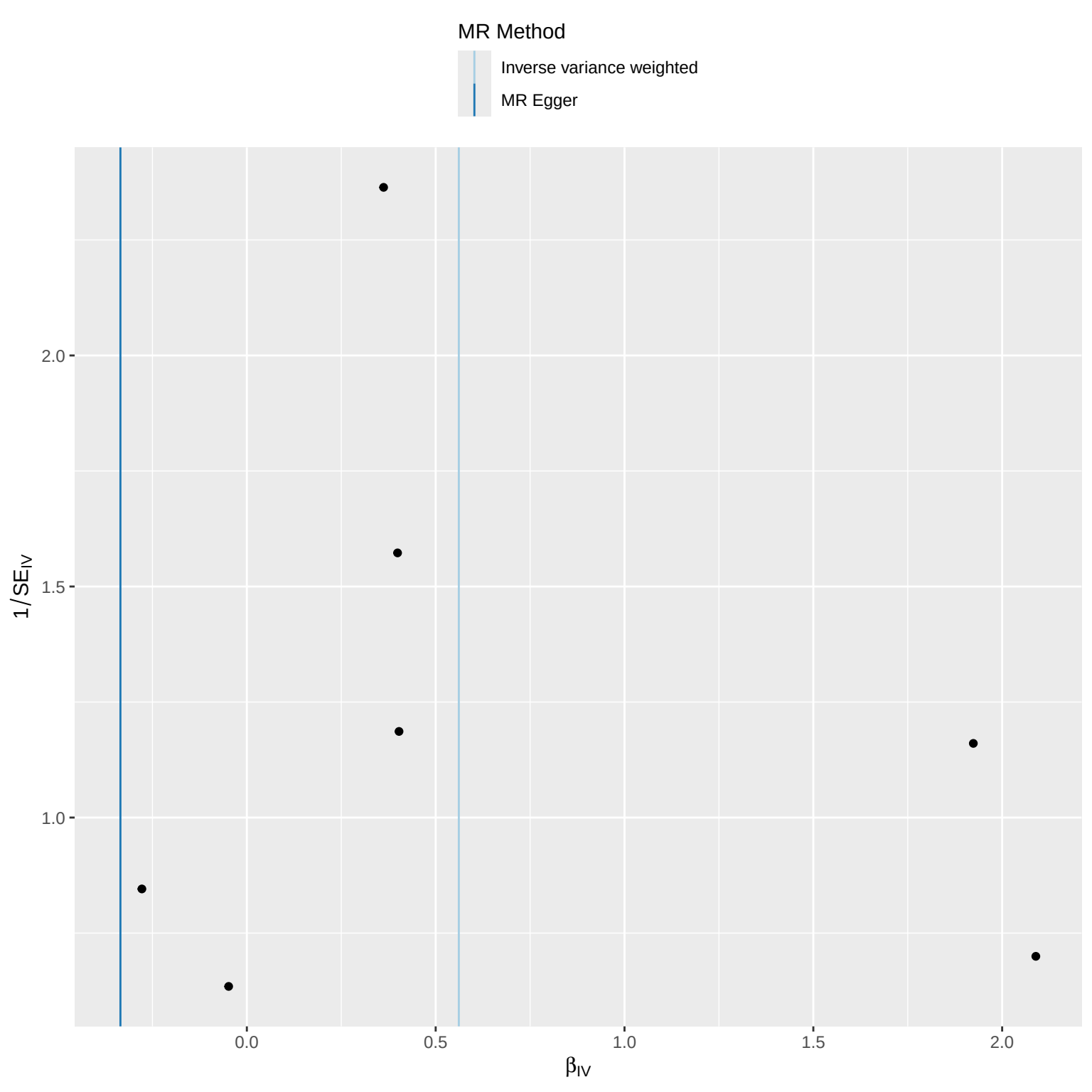

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

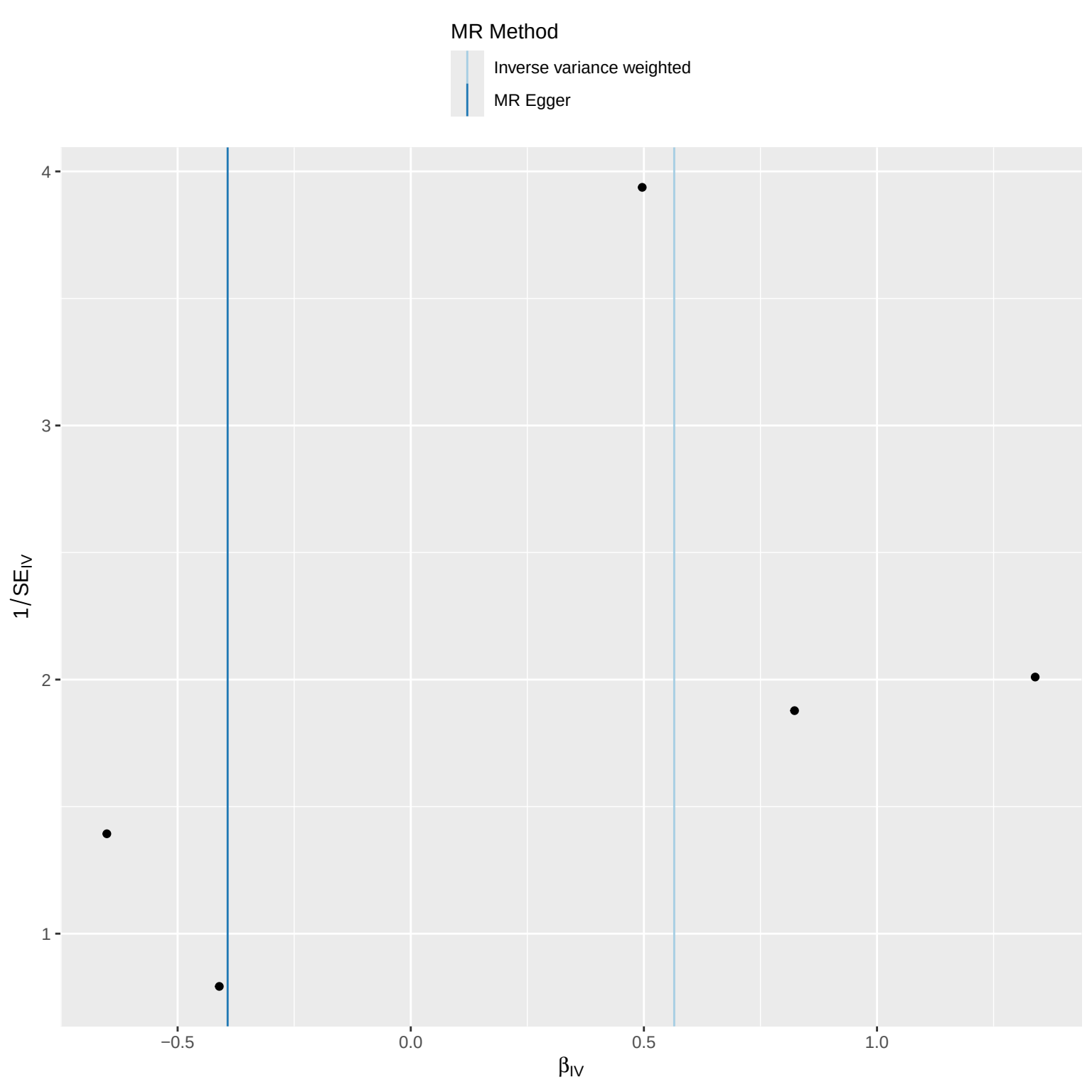

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

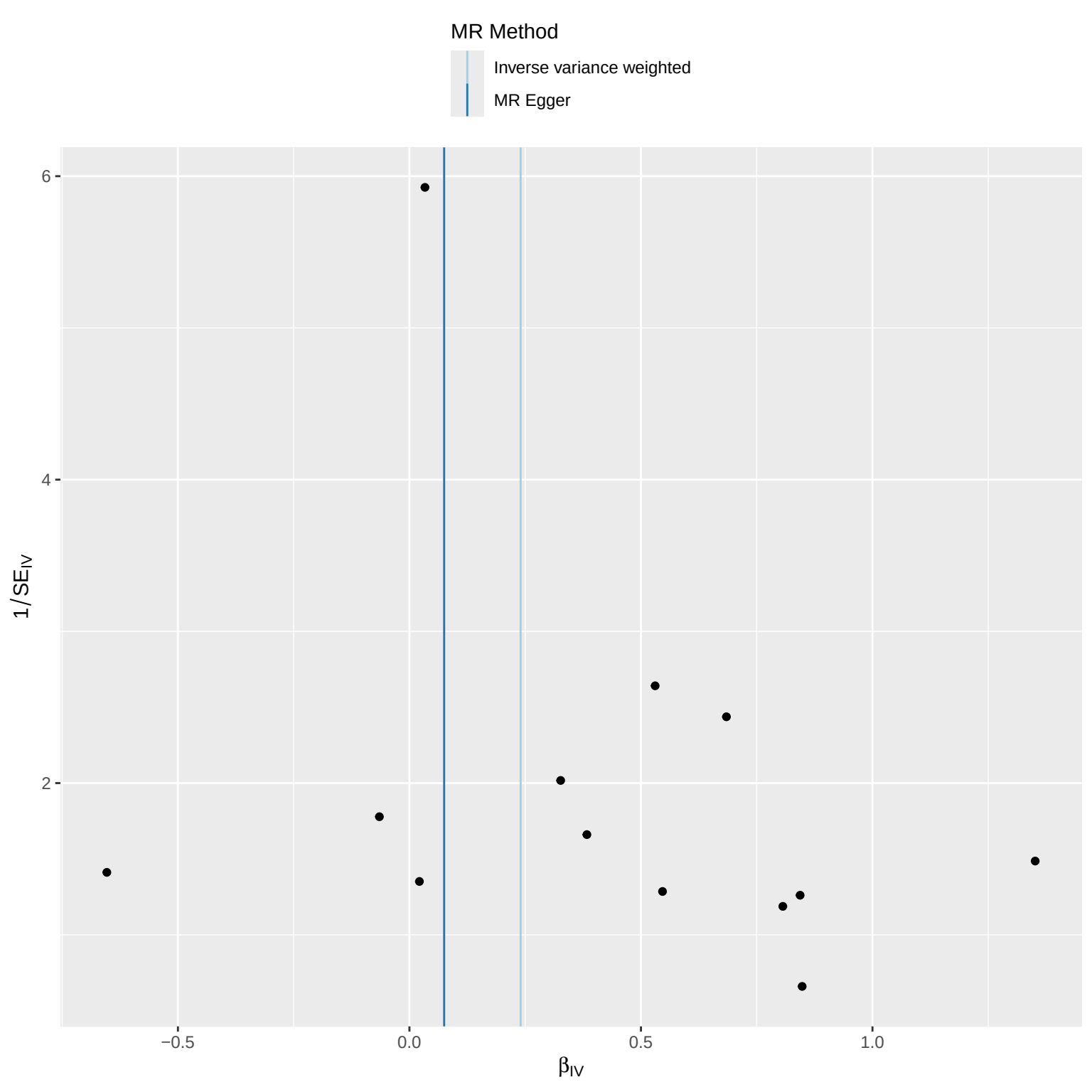

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

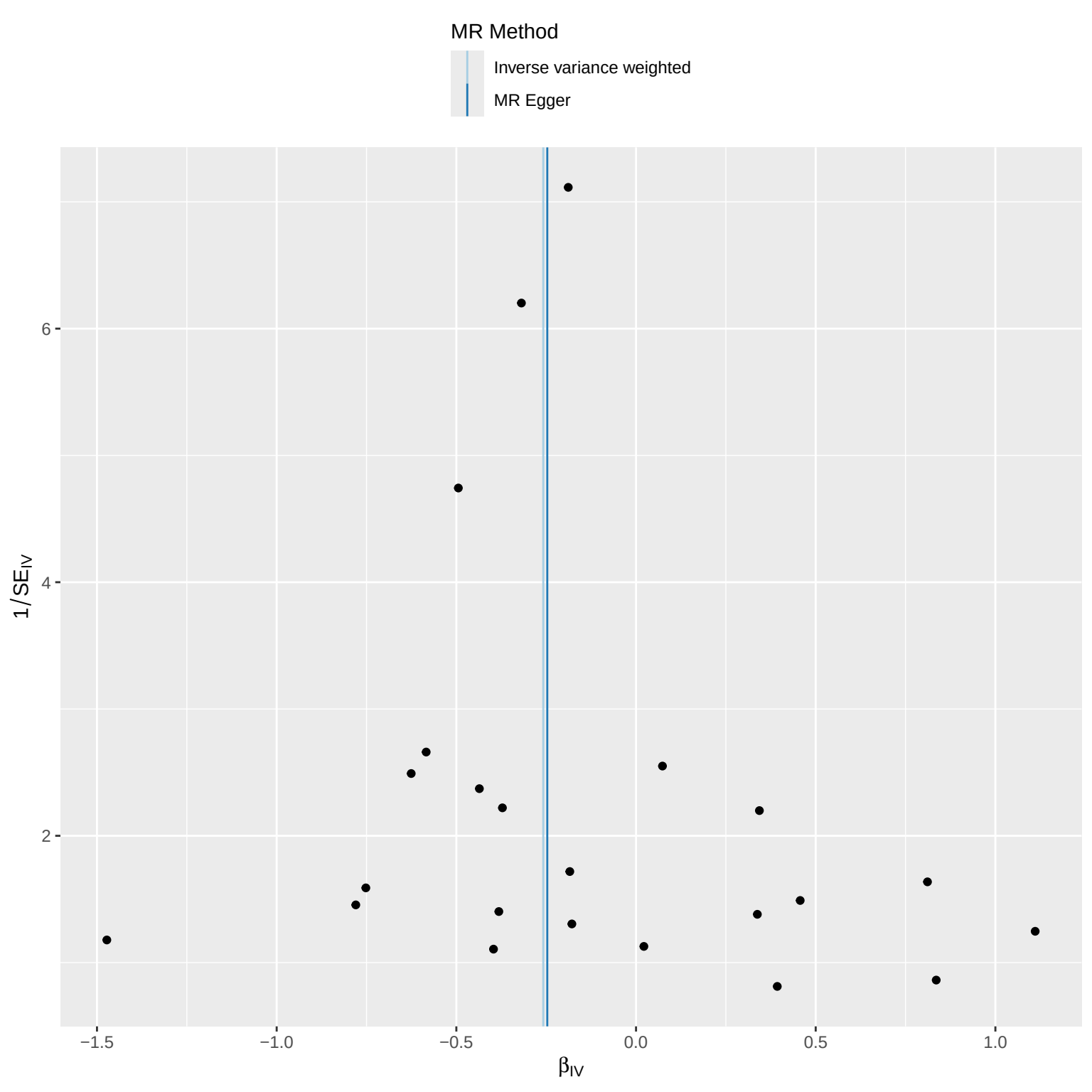

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

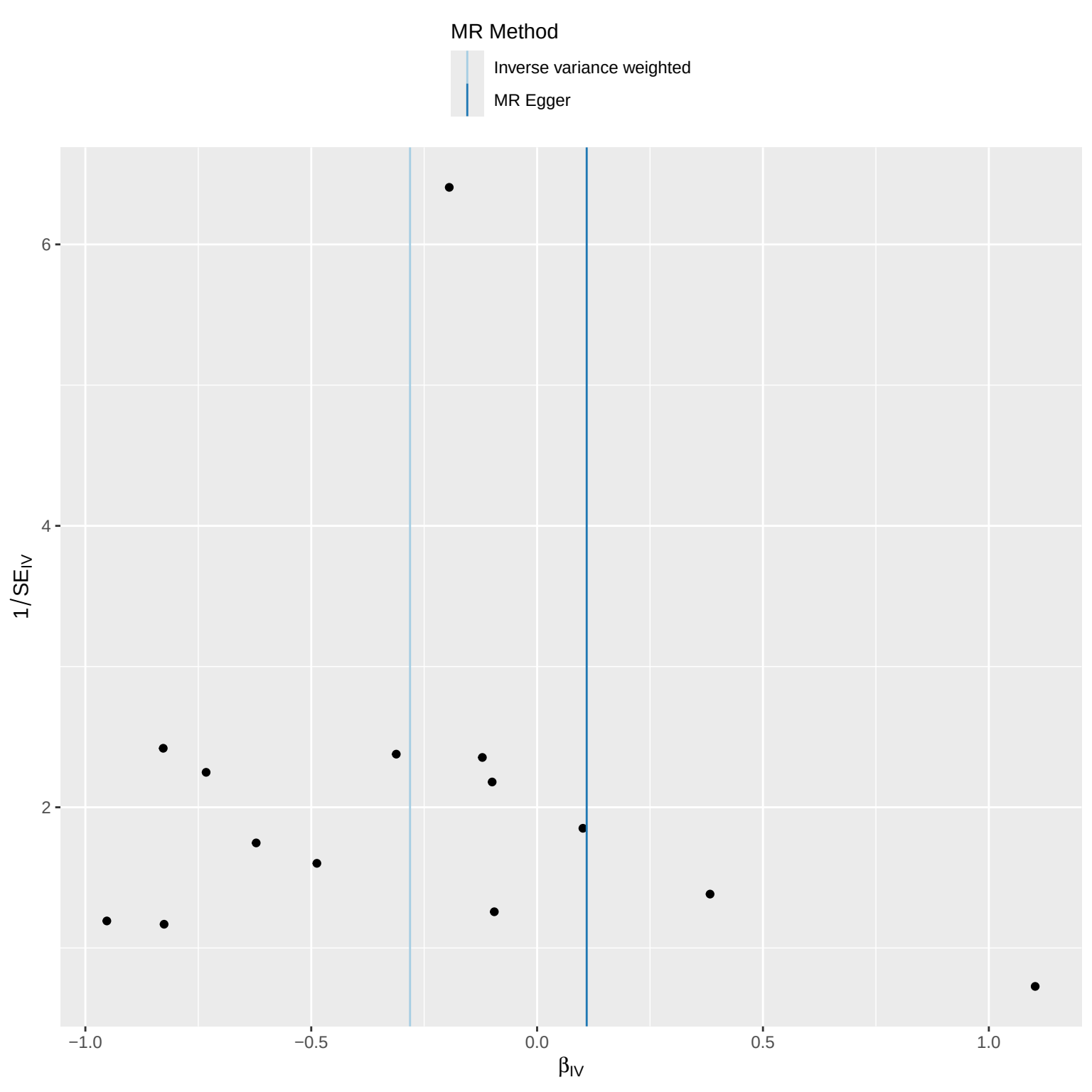

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
3
β_IV

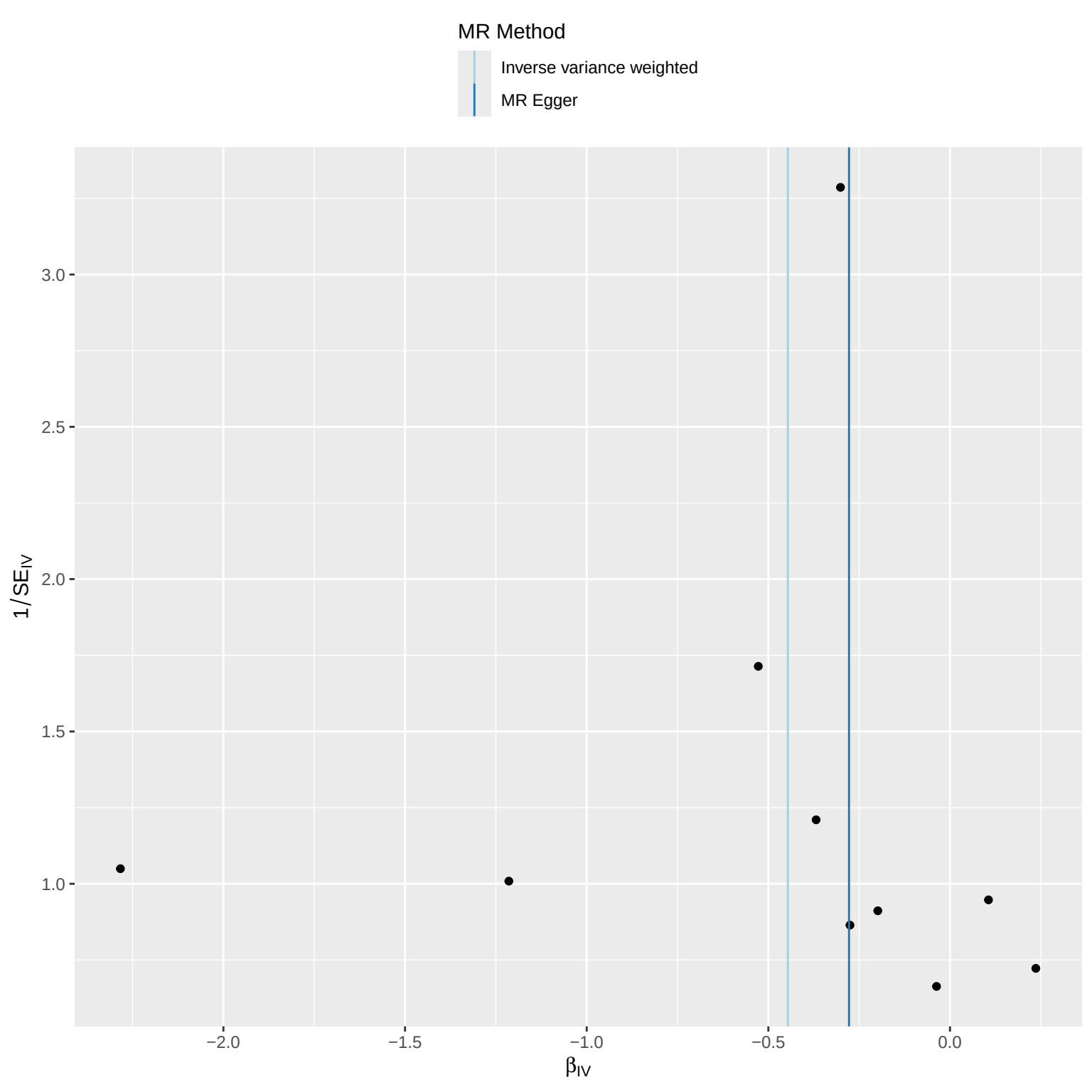

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

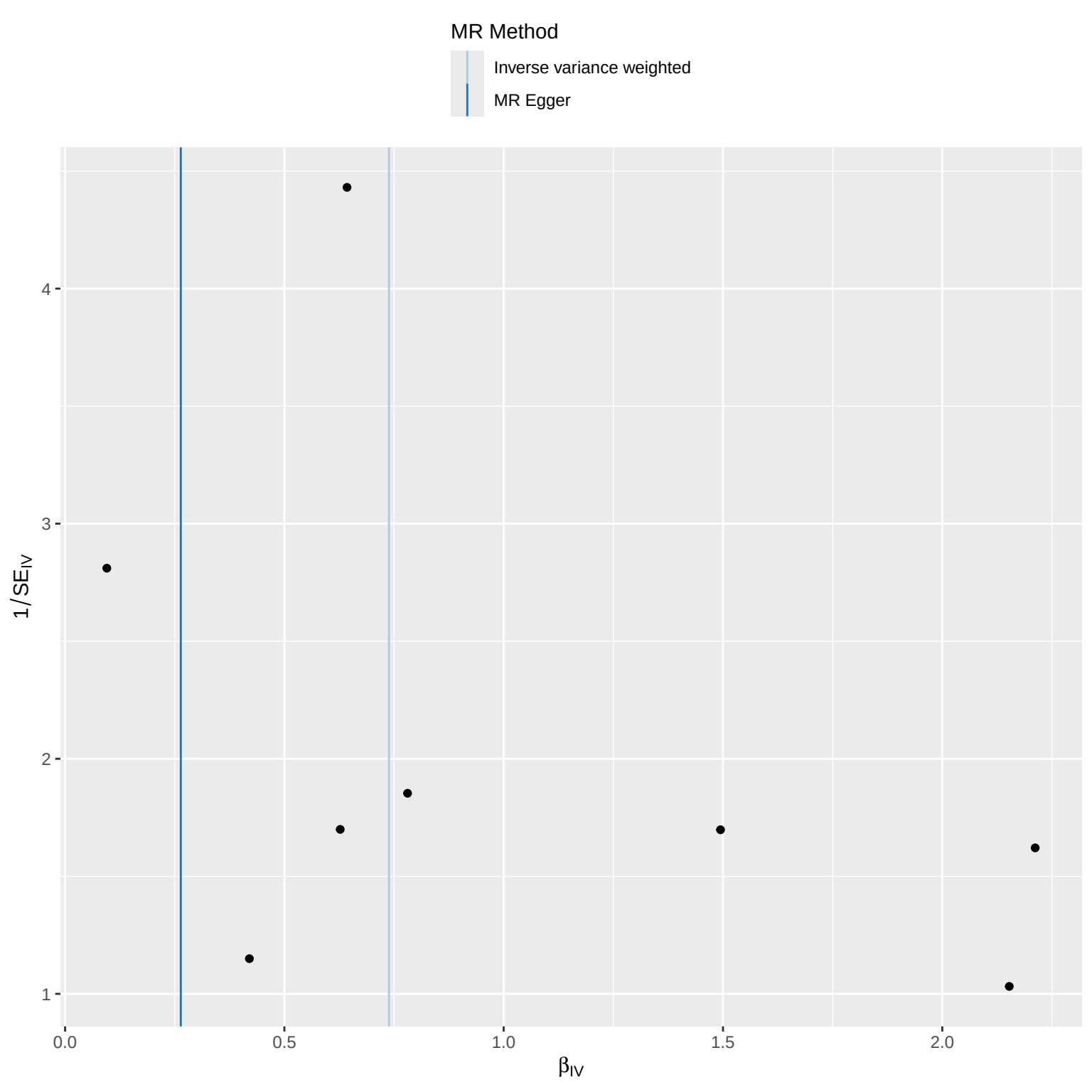

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

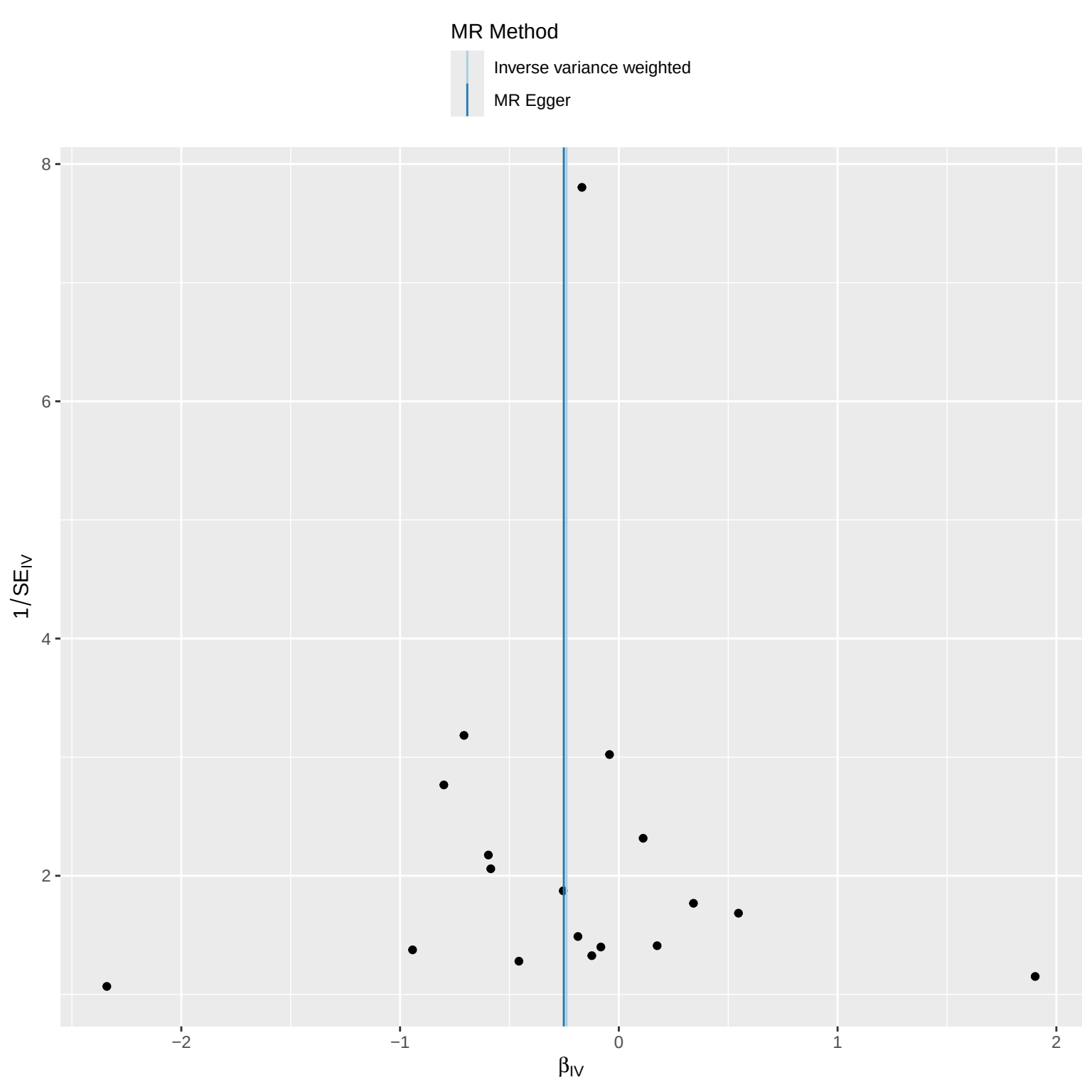

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

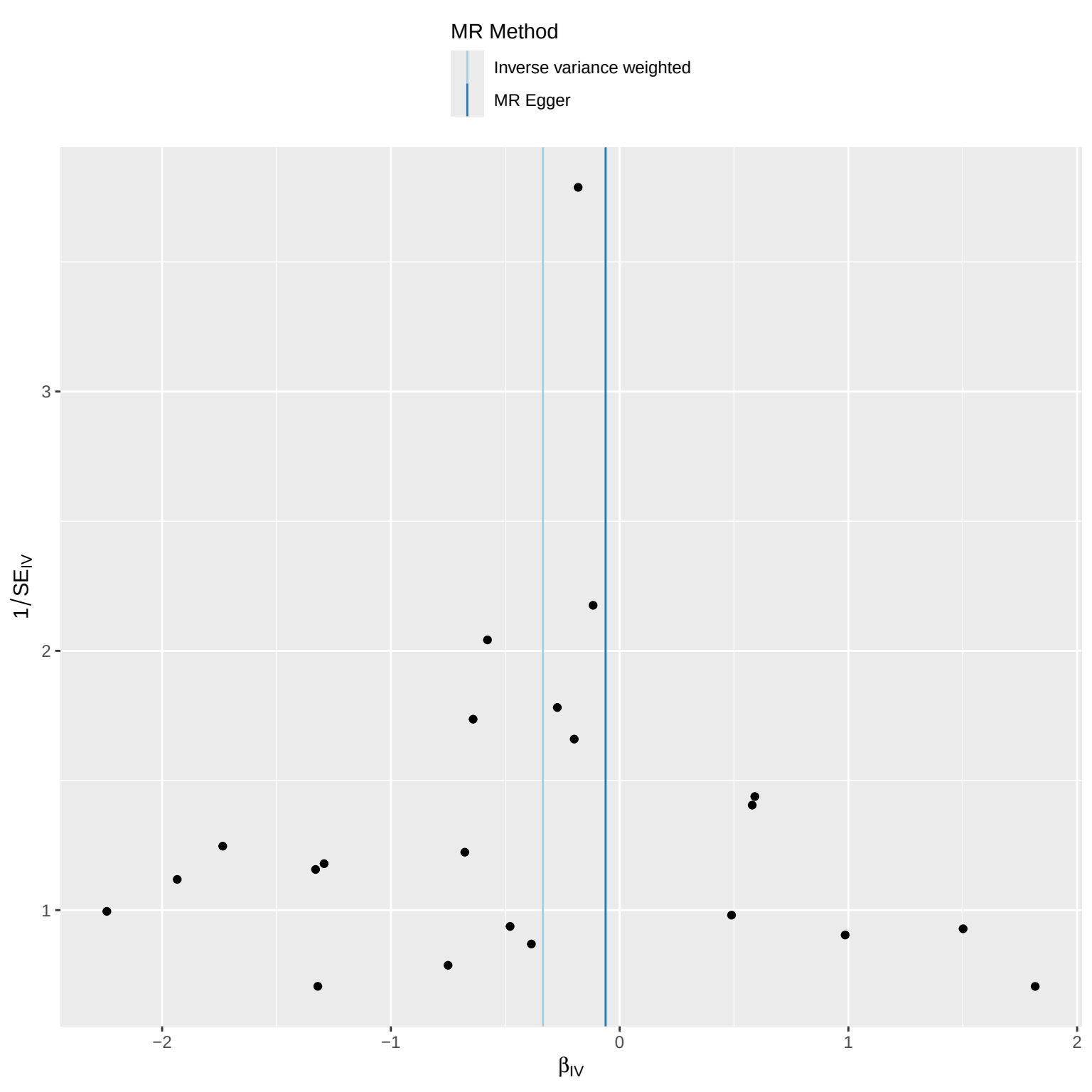

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

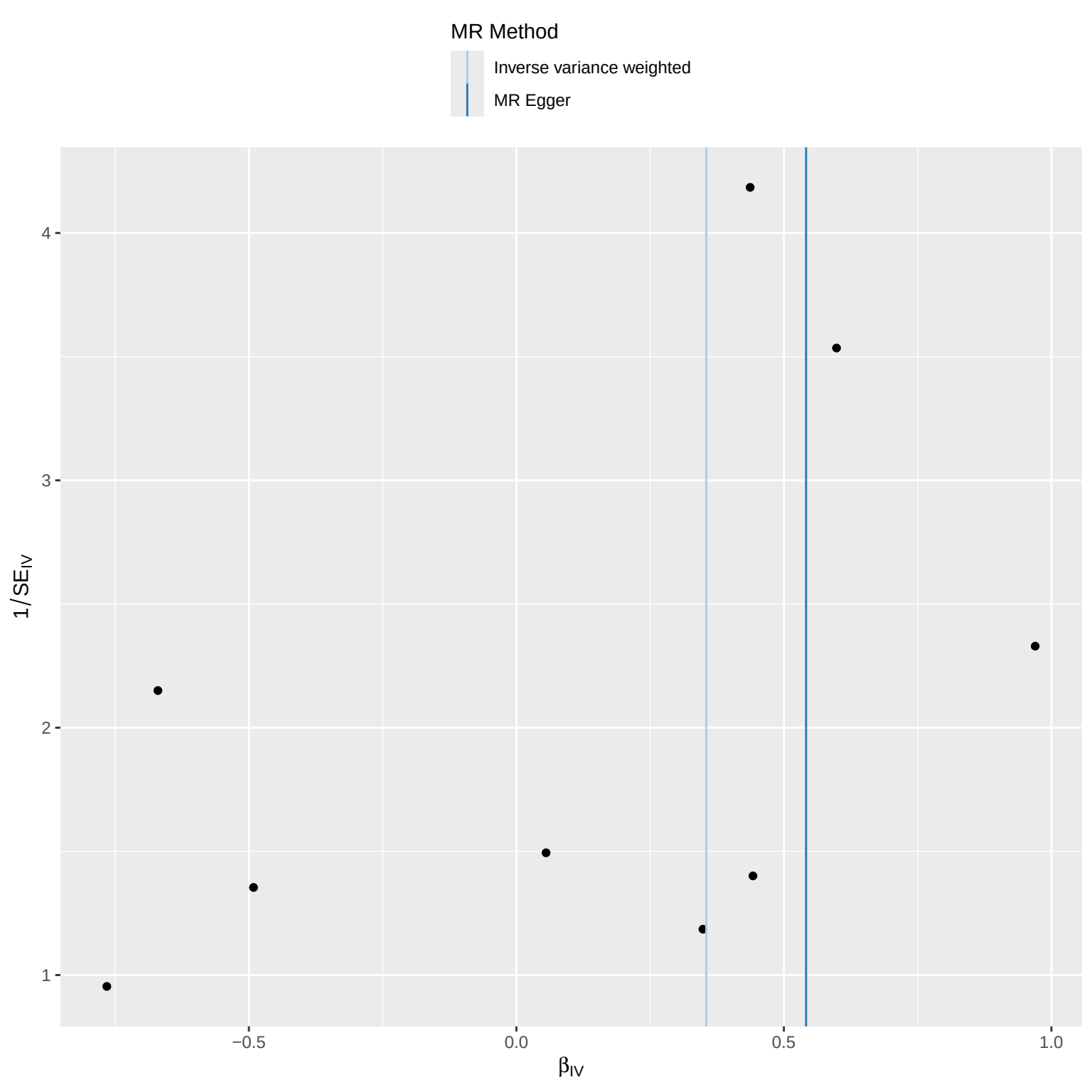

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

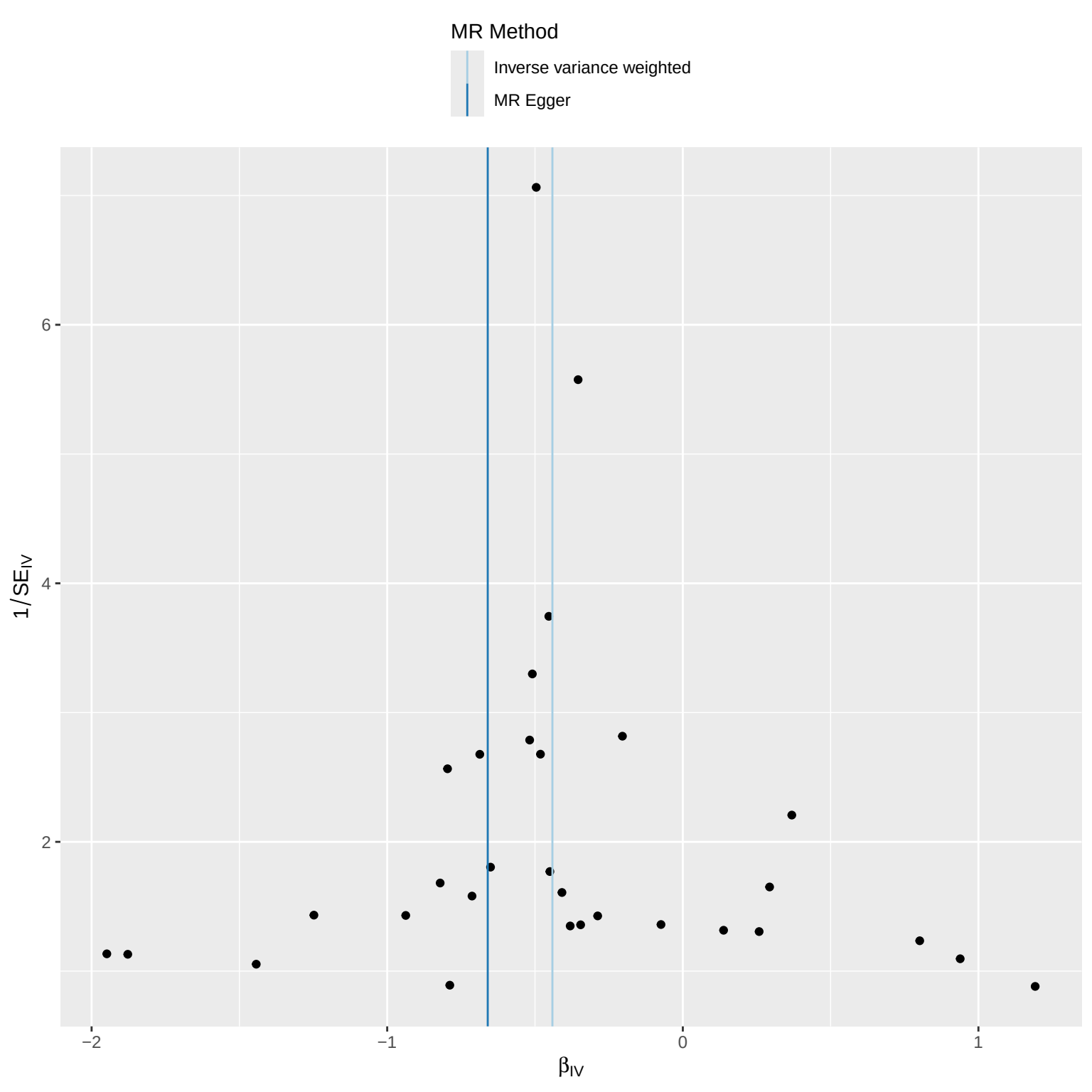

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

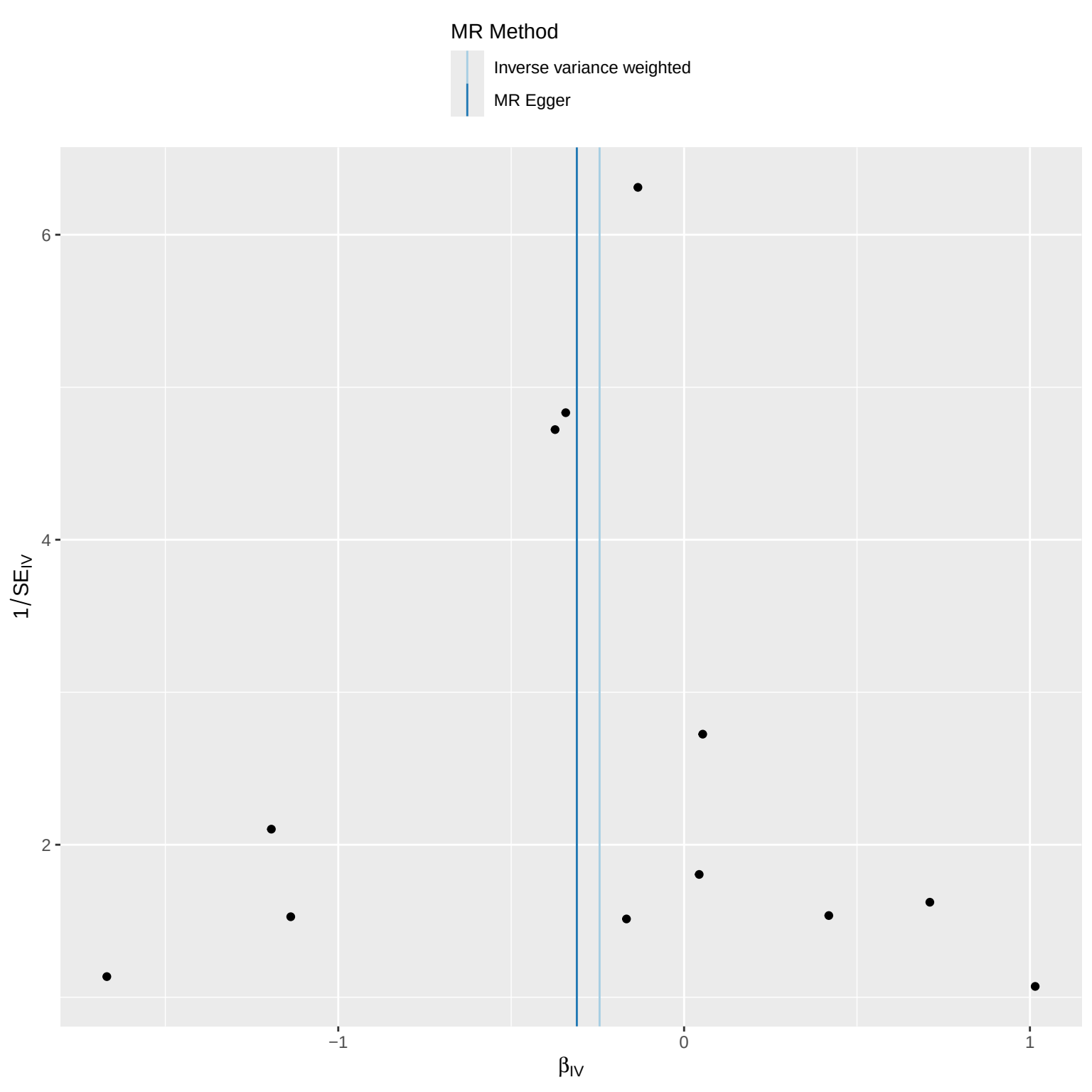

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

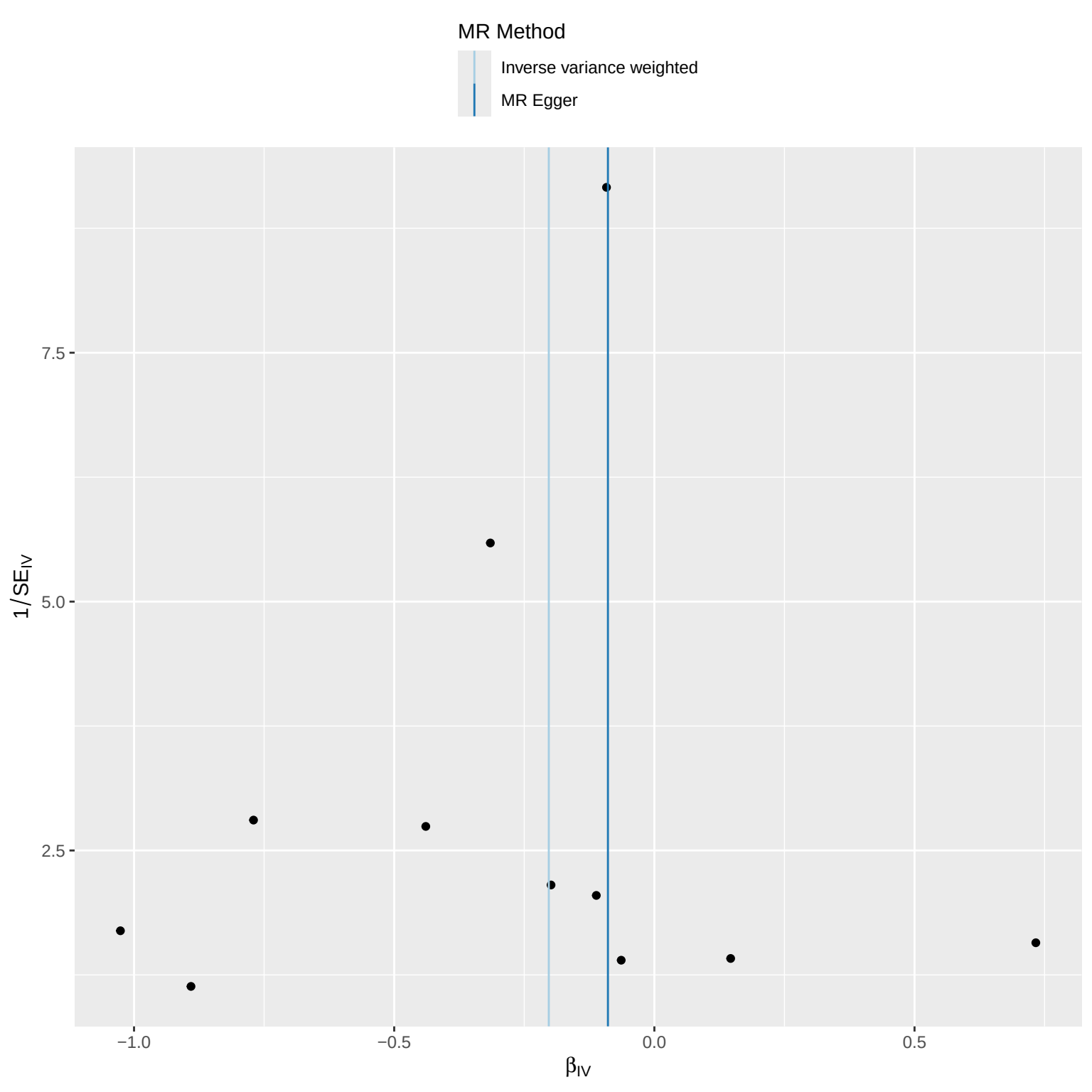

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

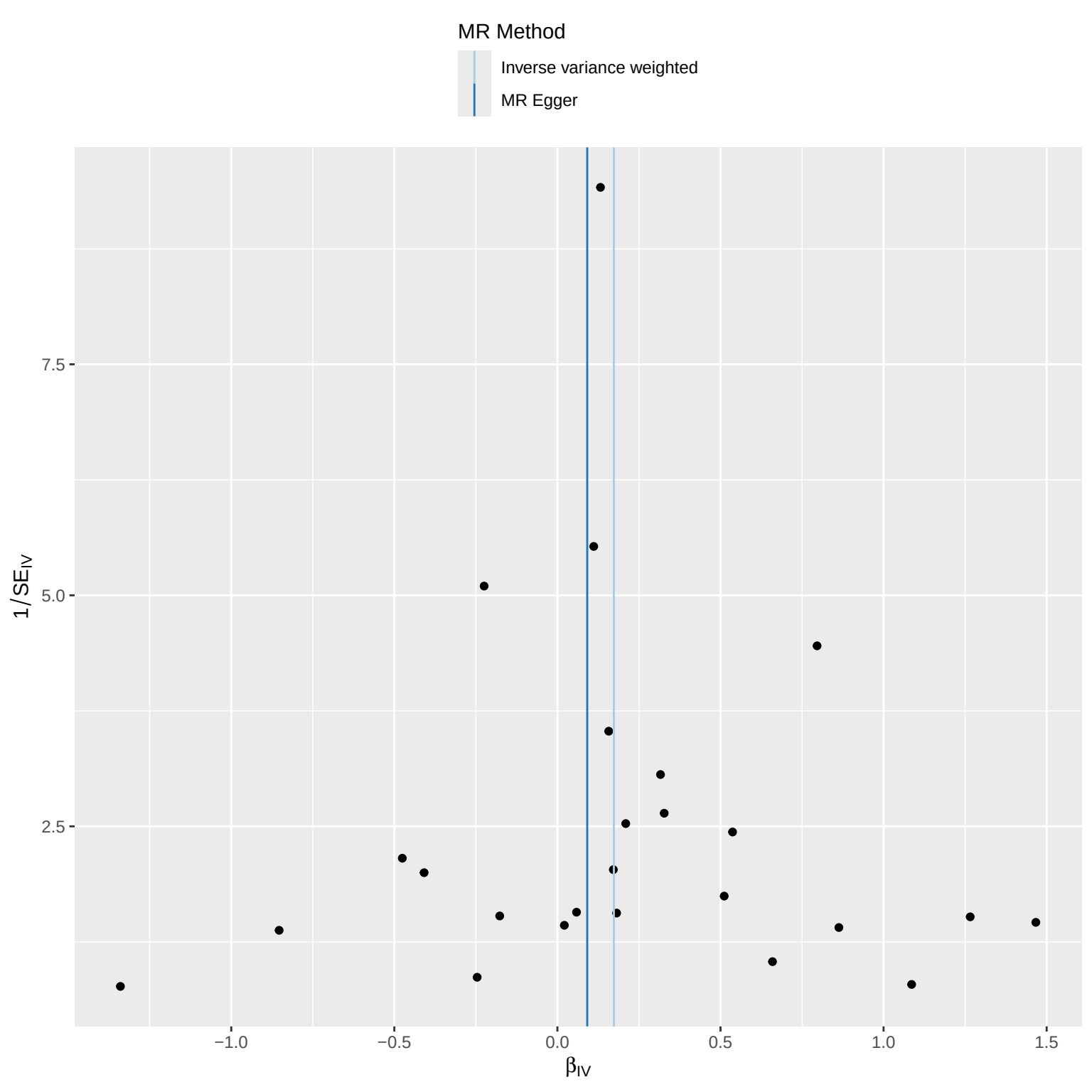

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

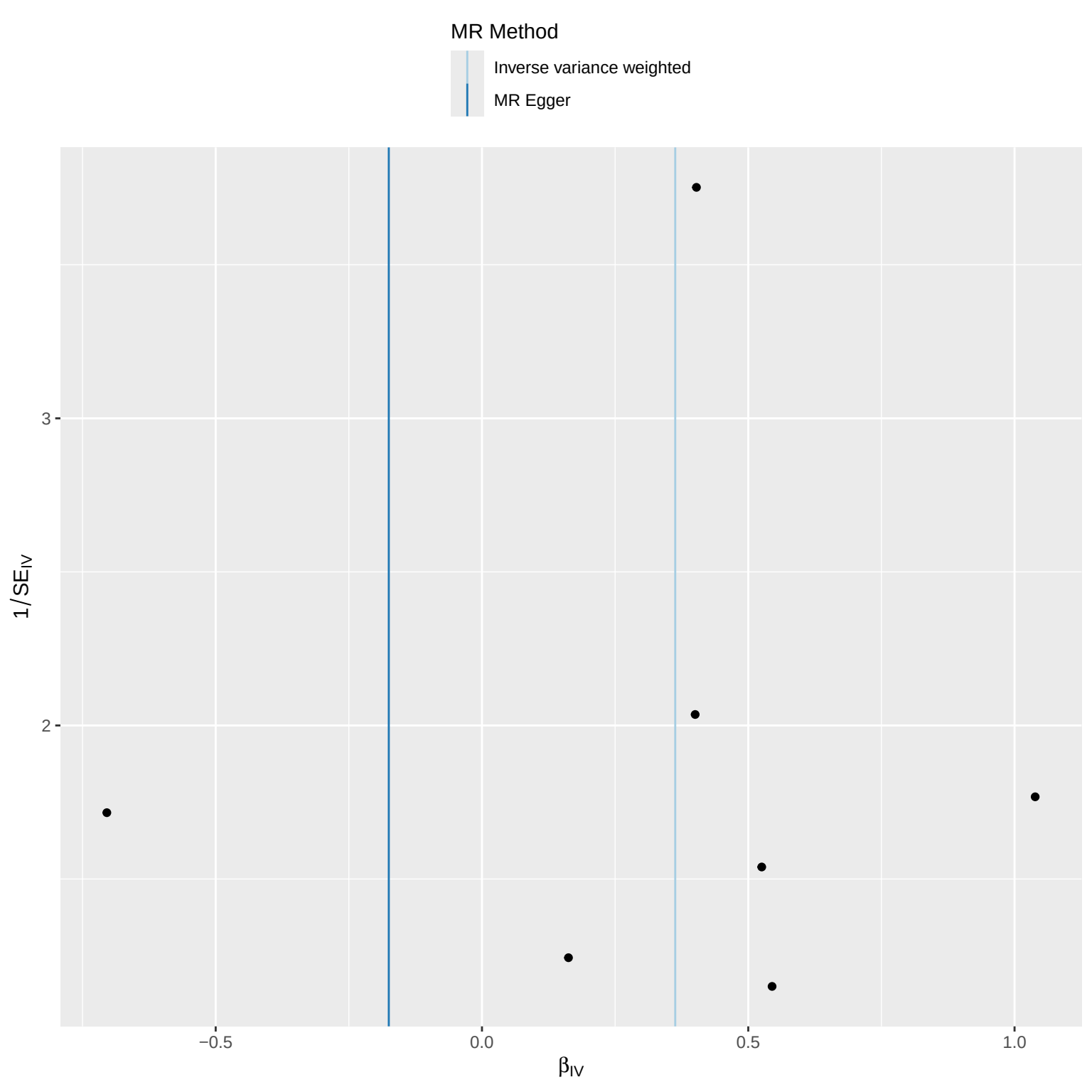

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

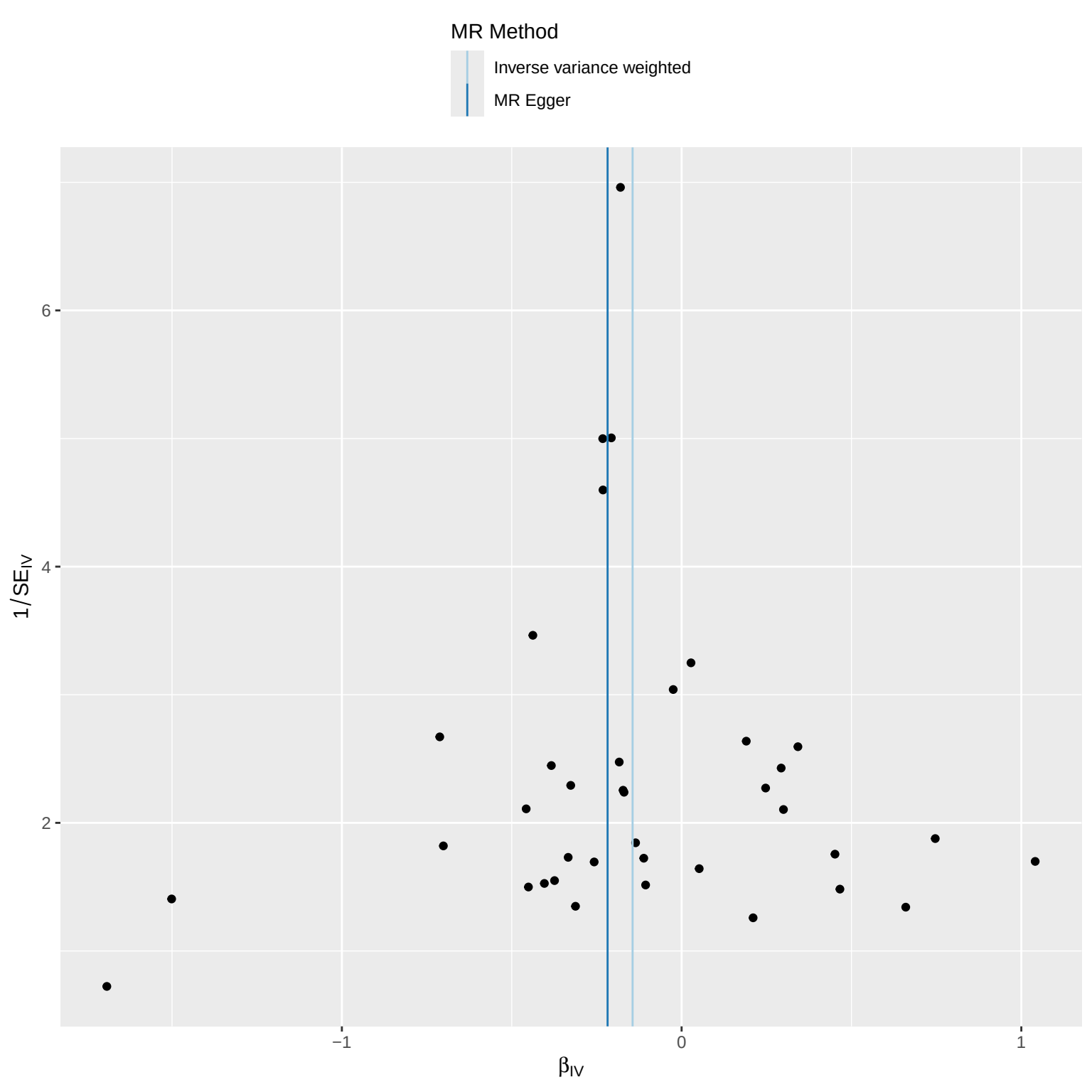

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

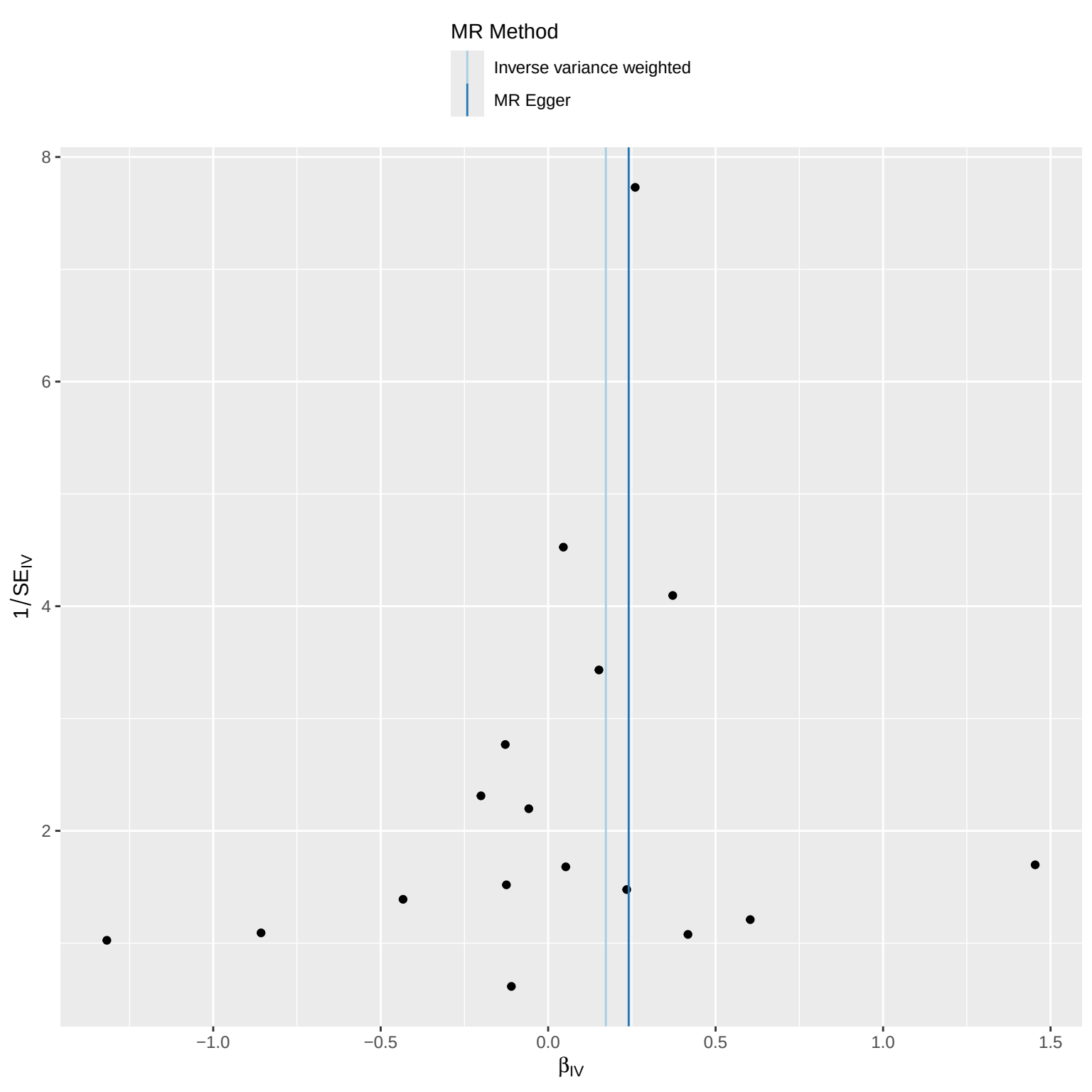

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

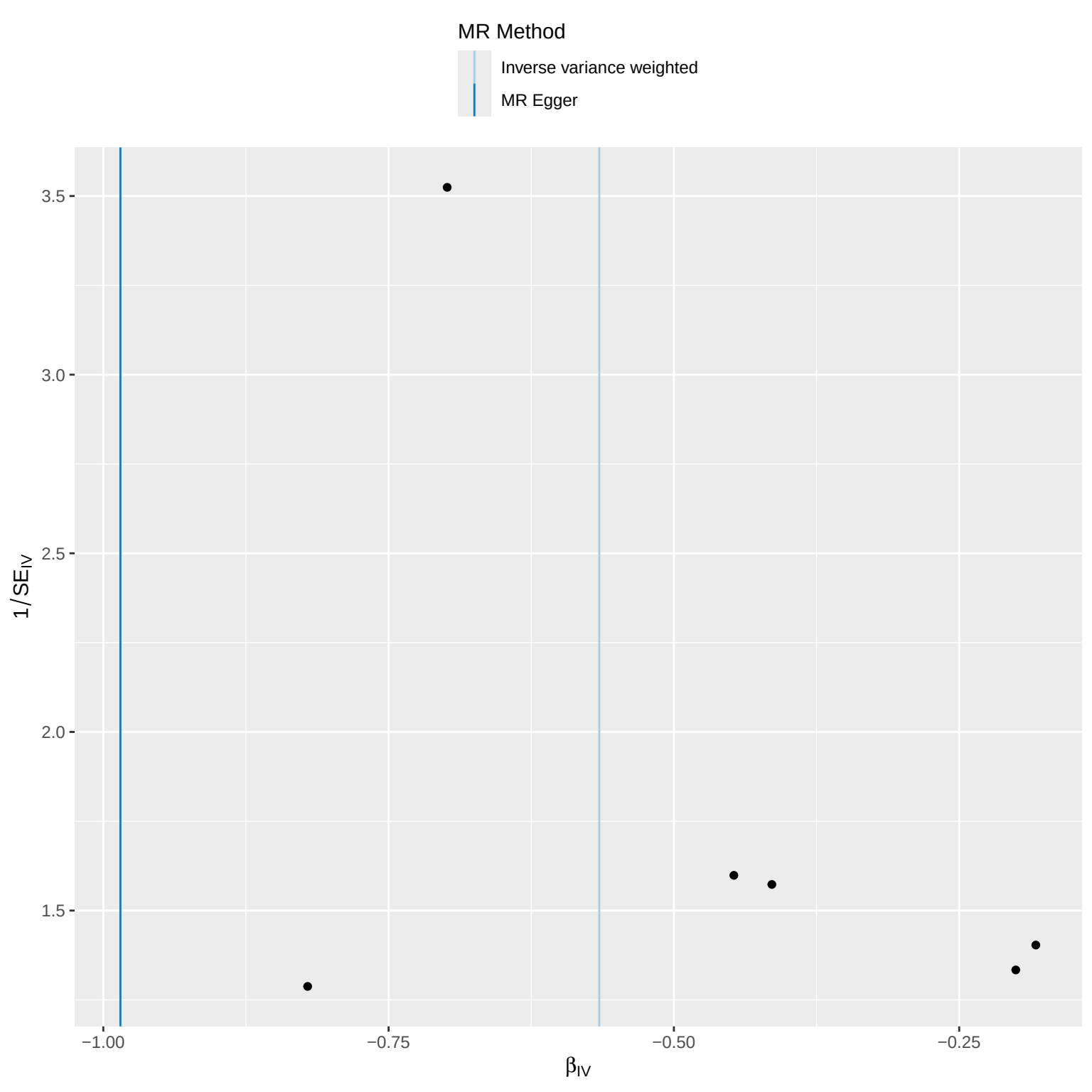

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

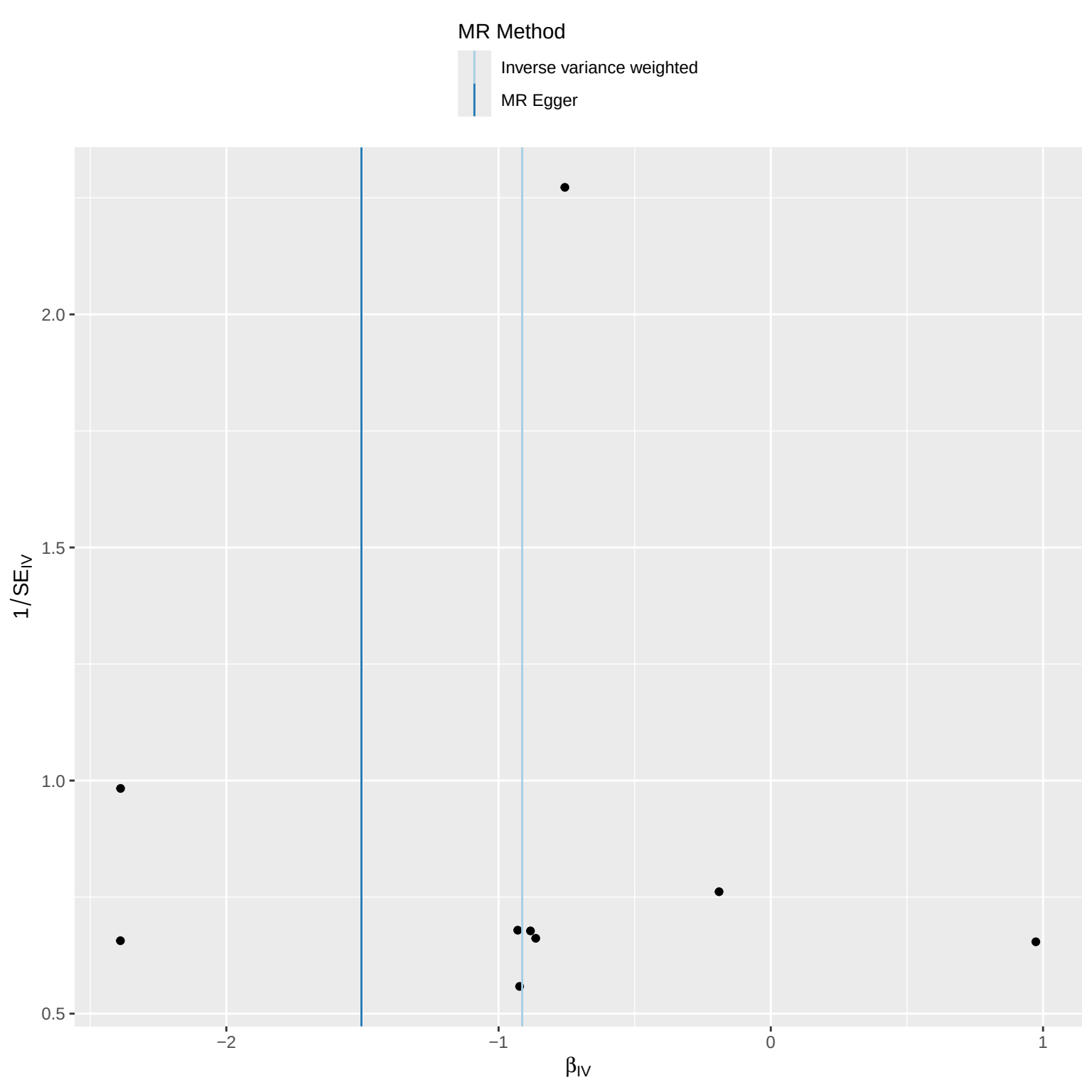

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

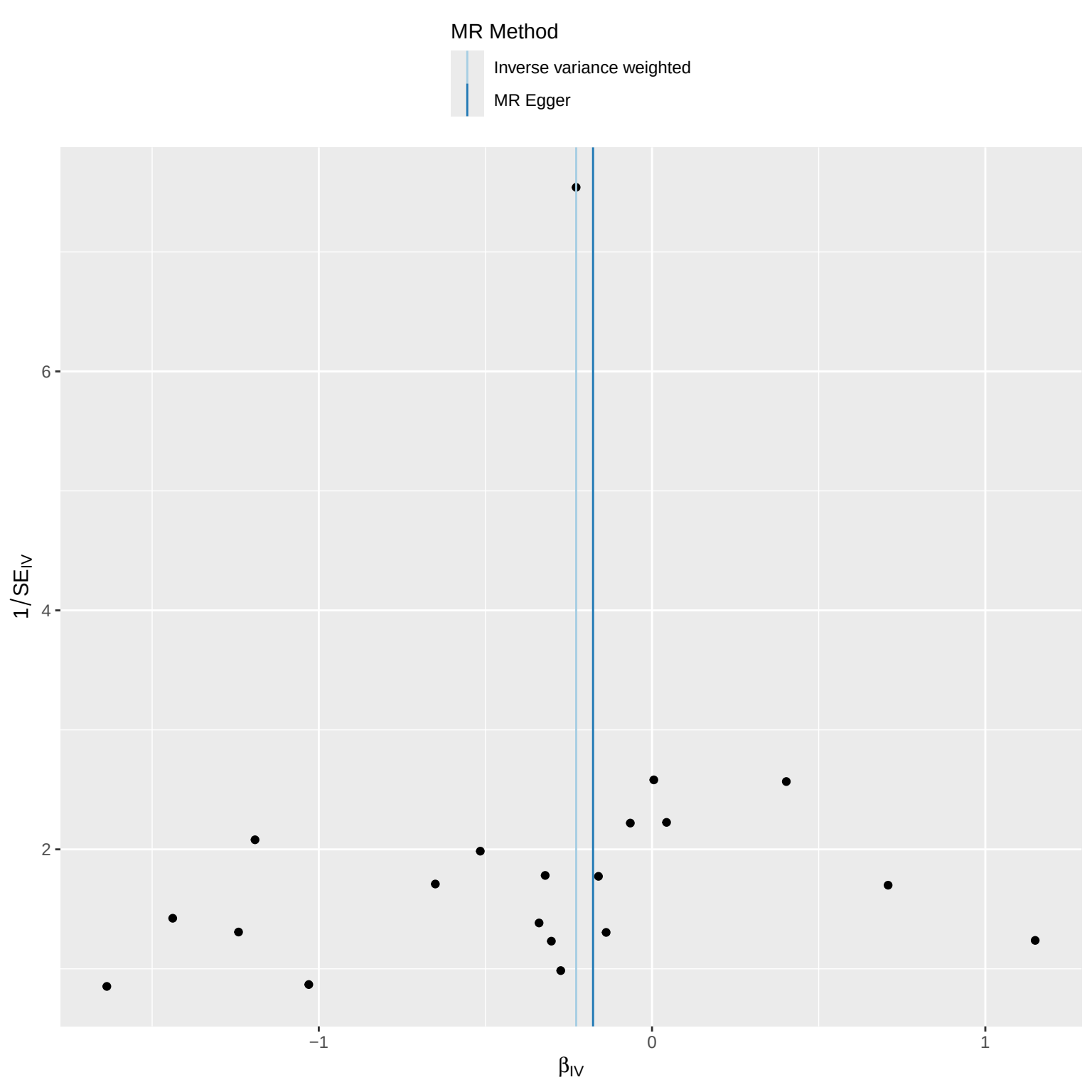

MR Method
Inverse variance weighted
MR Egger
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

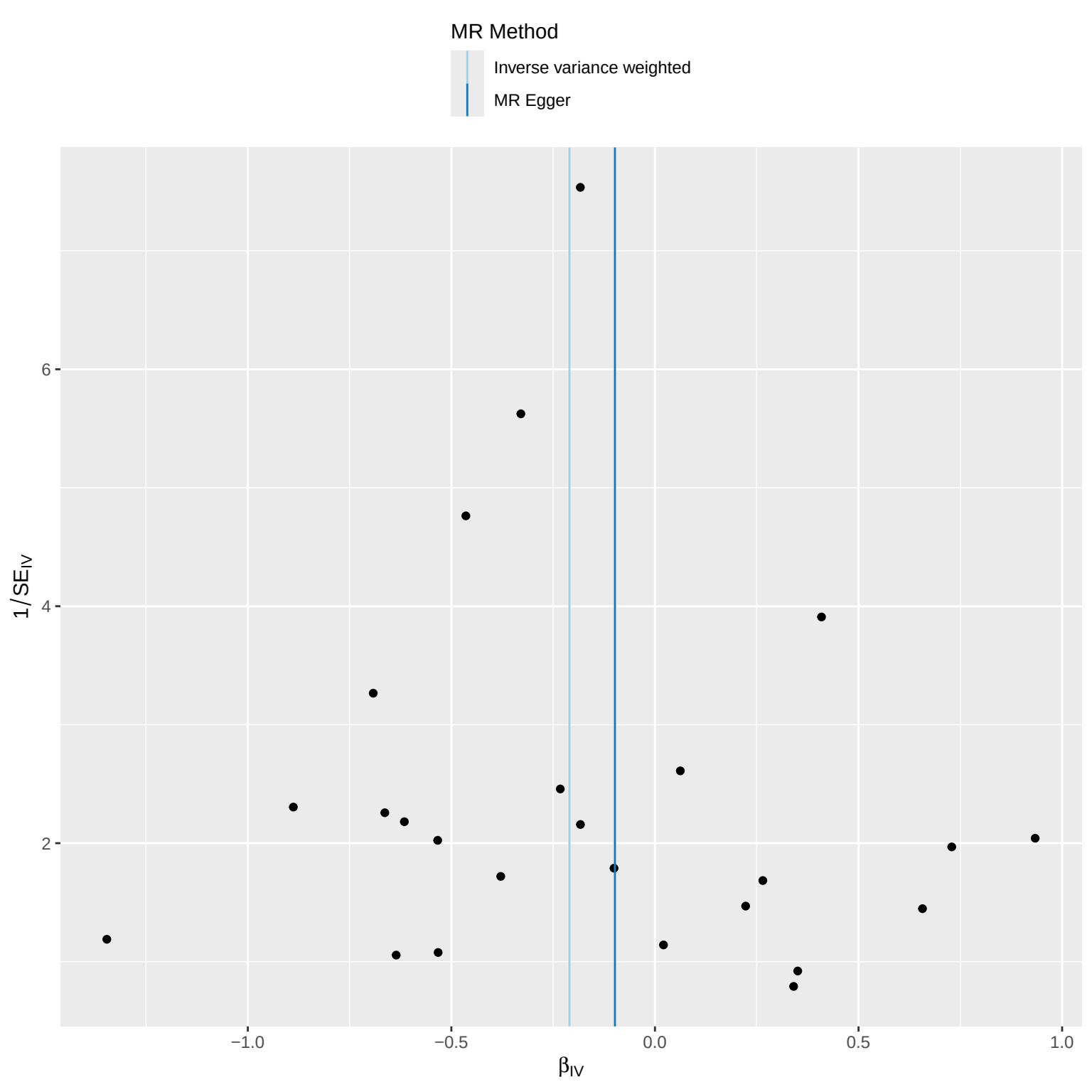

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

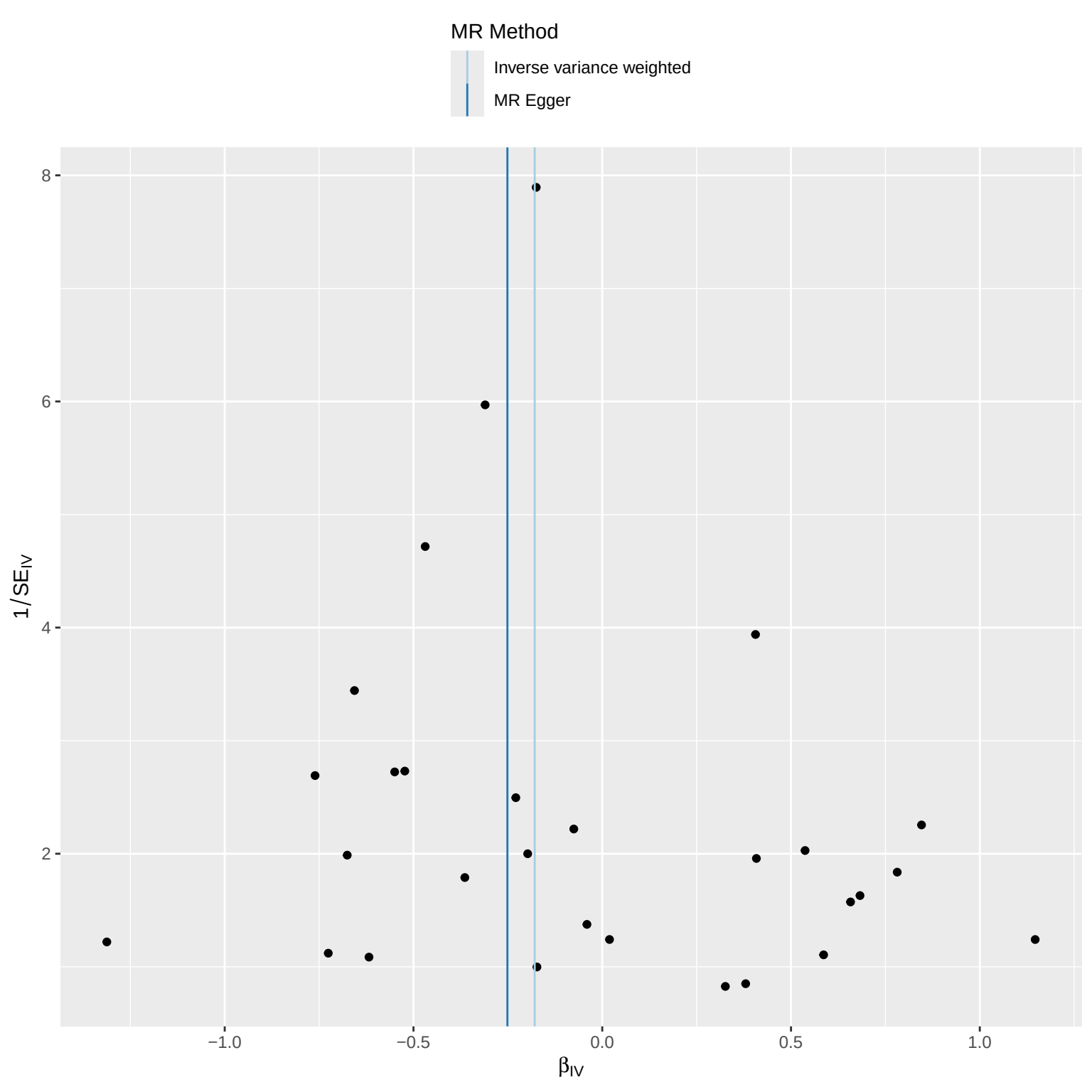

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

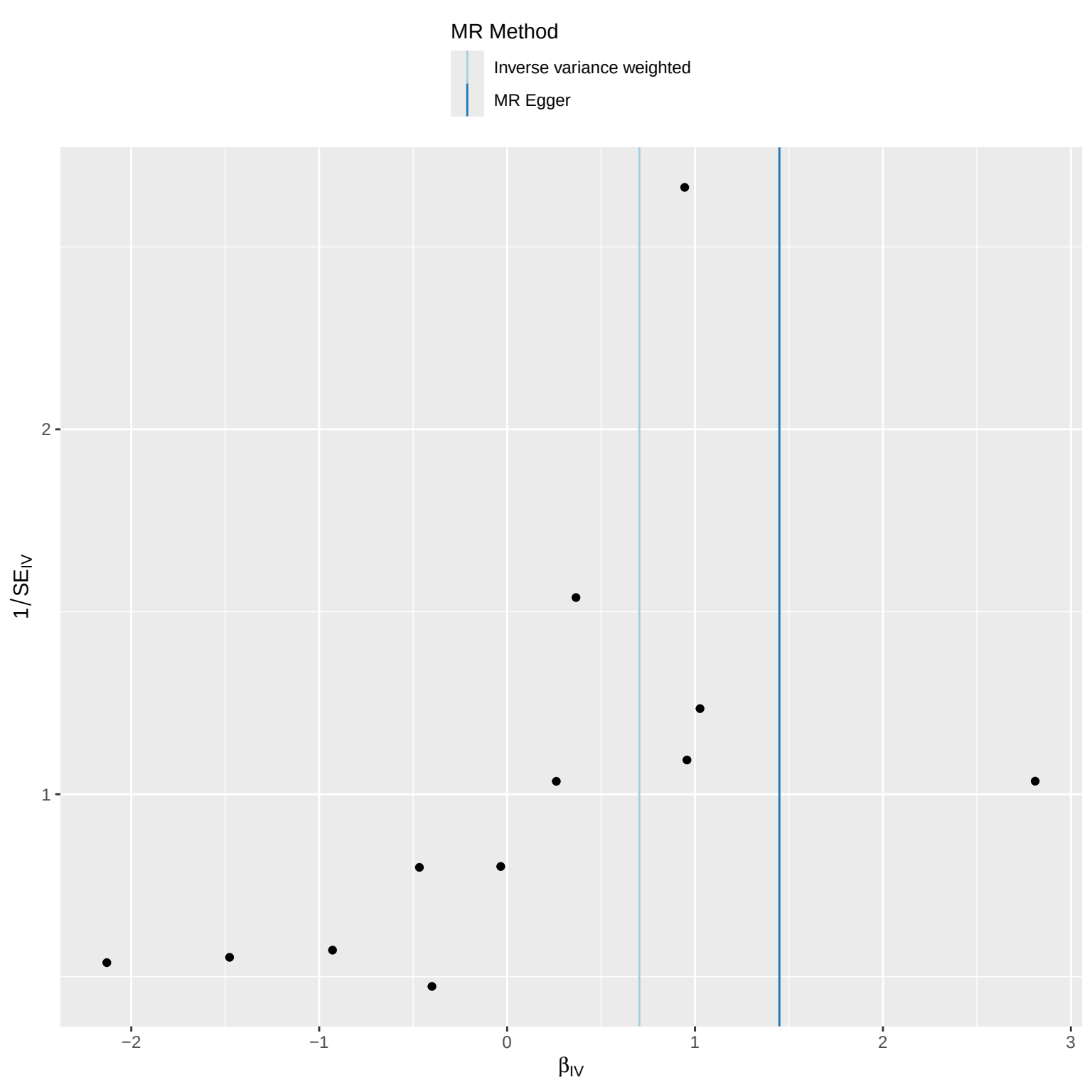

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−1.00
−0.75
−0.50
−0.25
β_IV

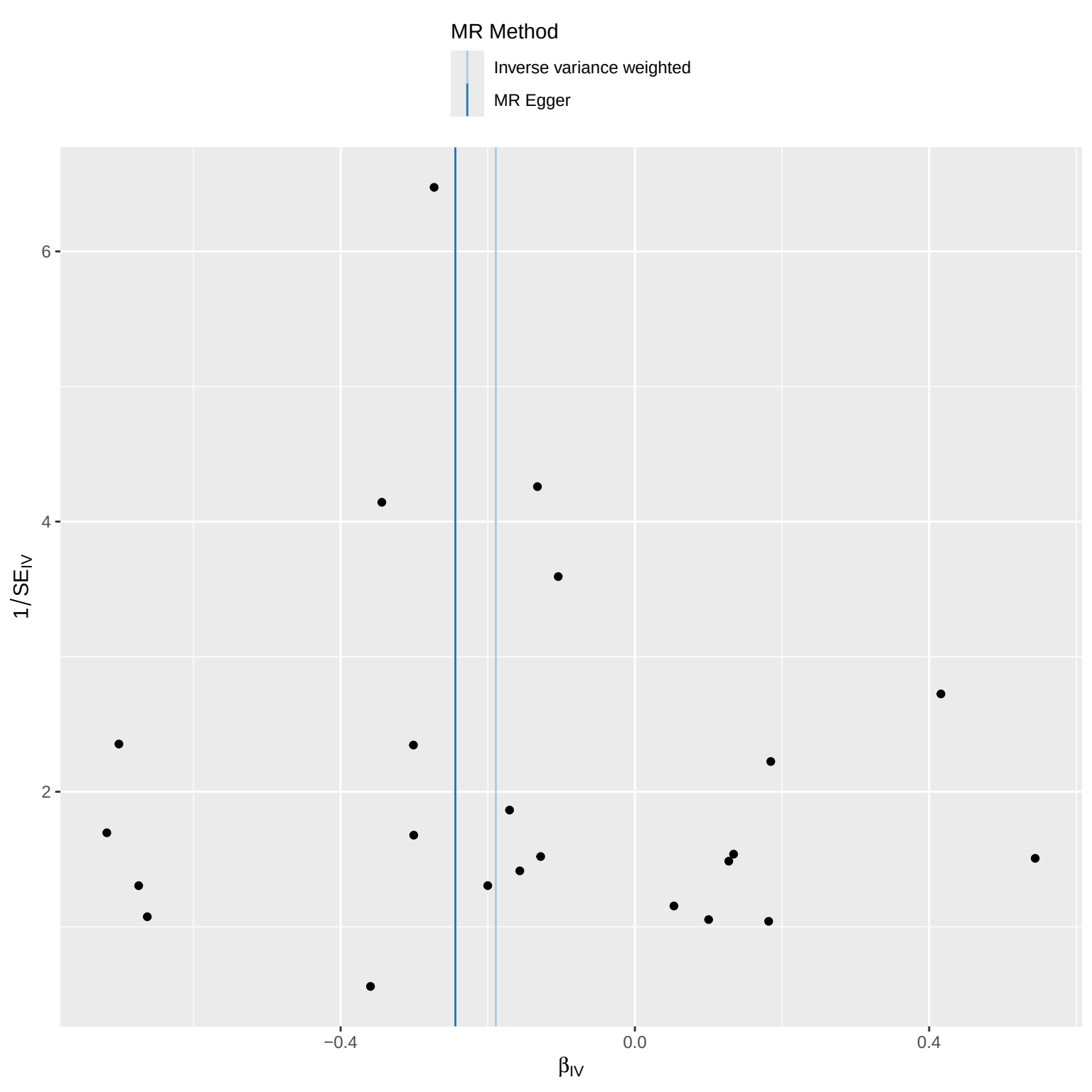

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

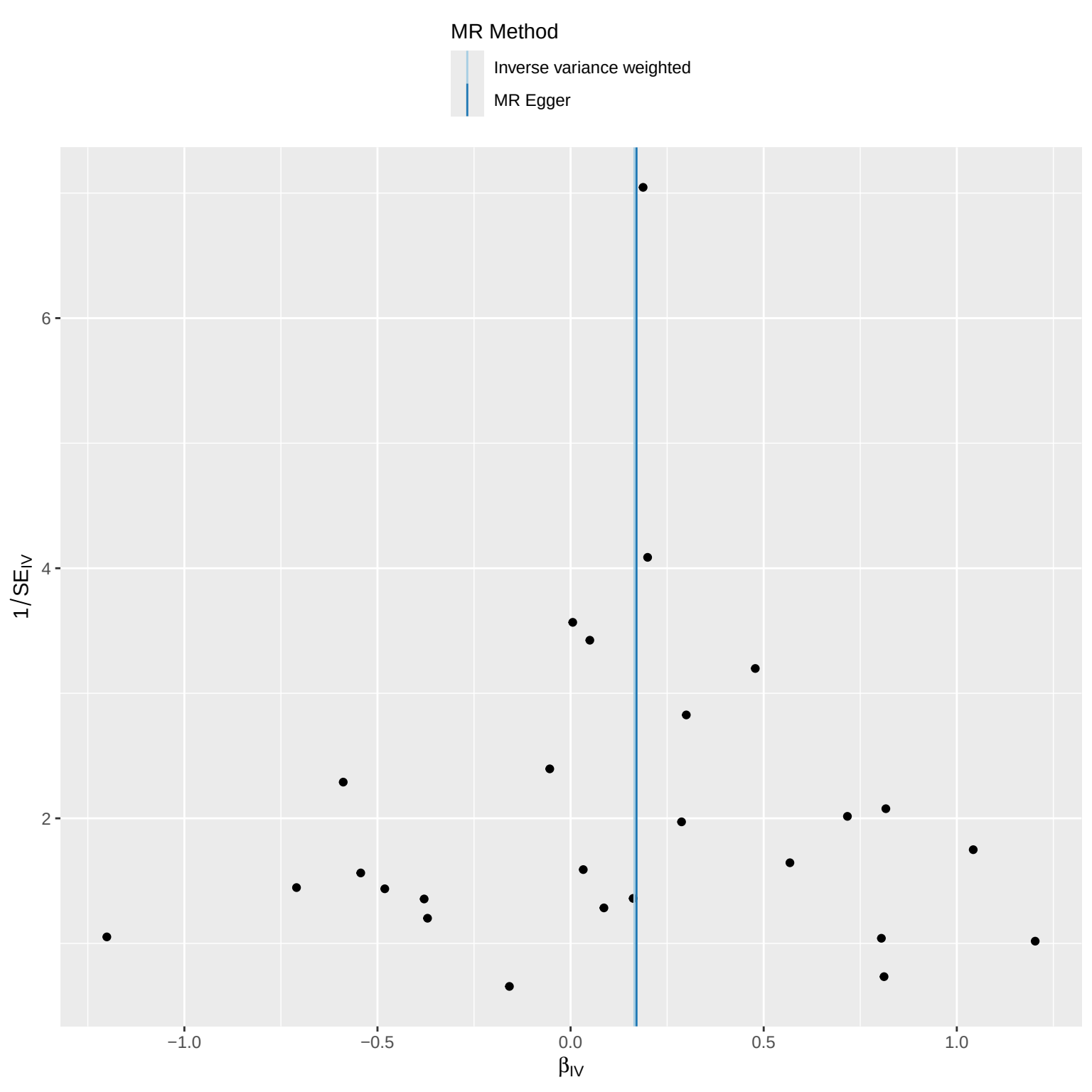

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

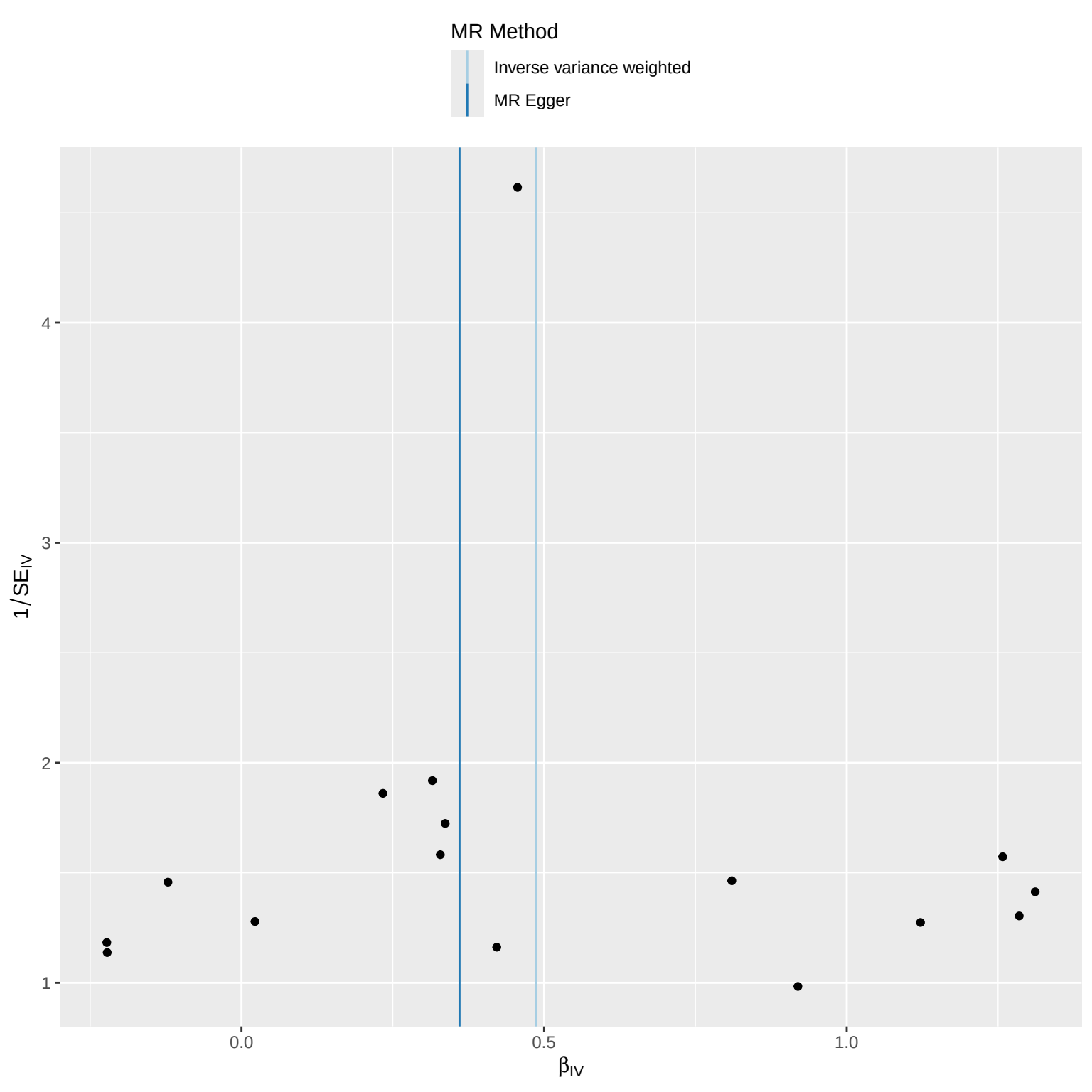

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

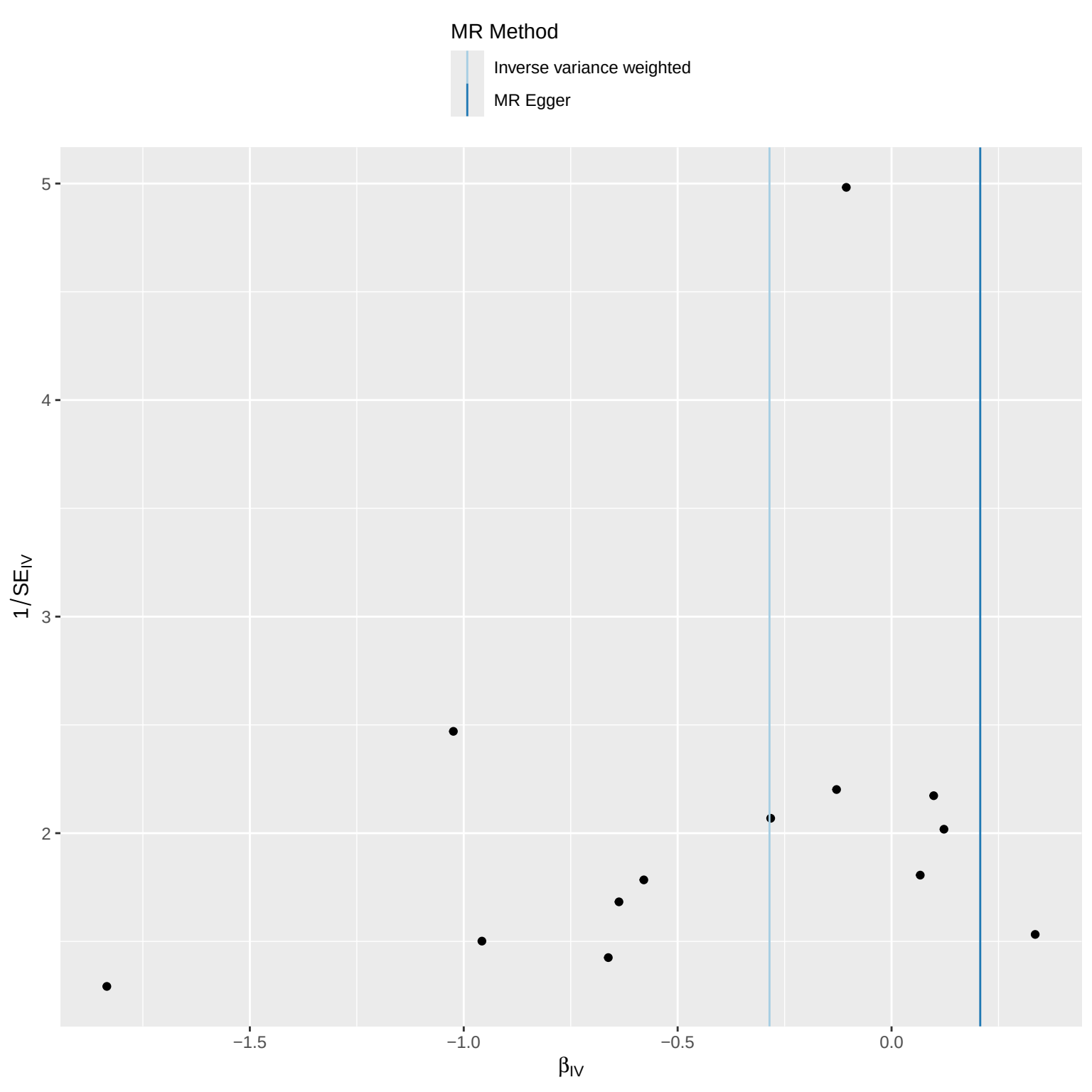

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

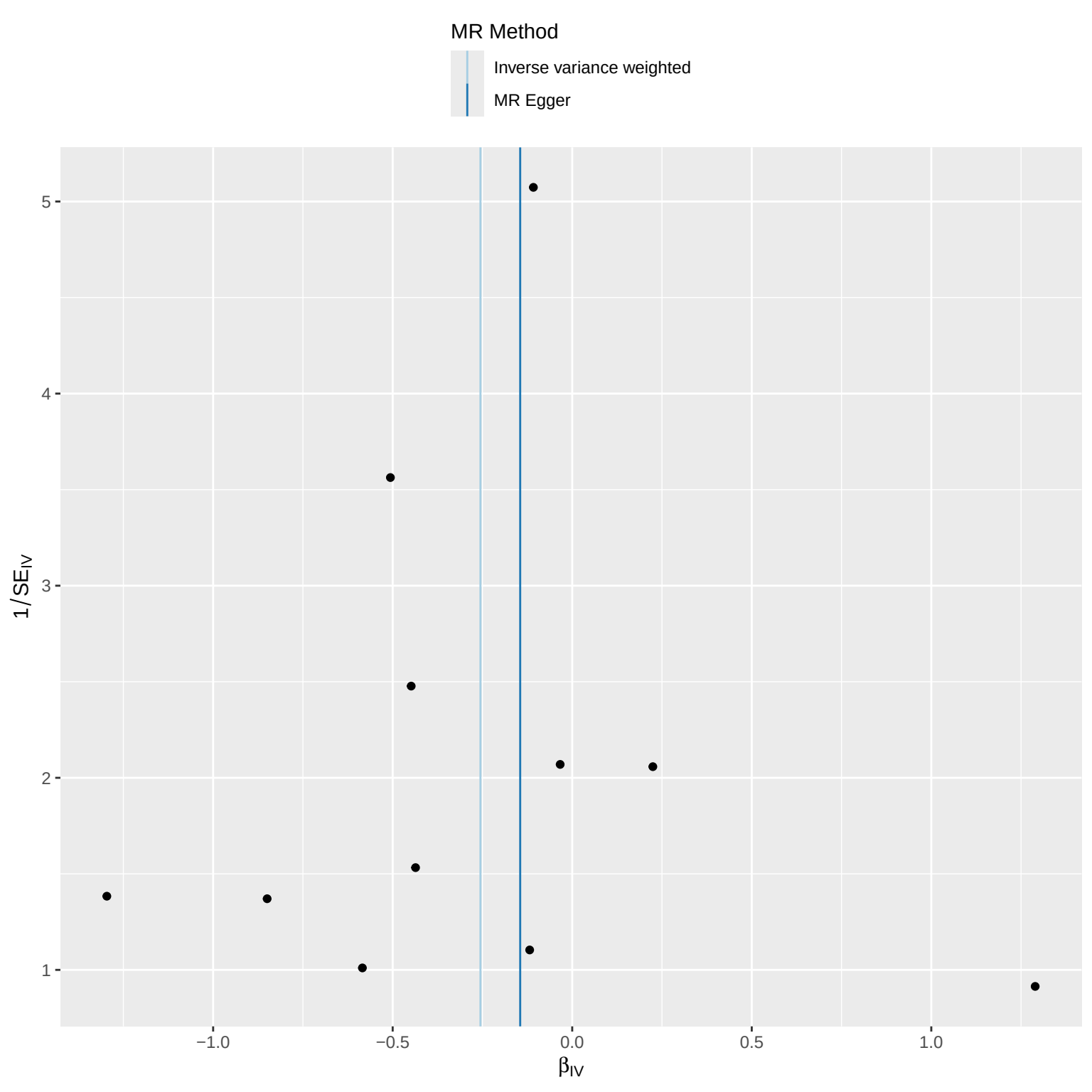

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

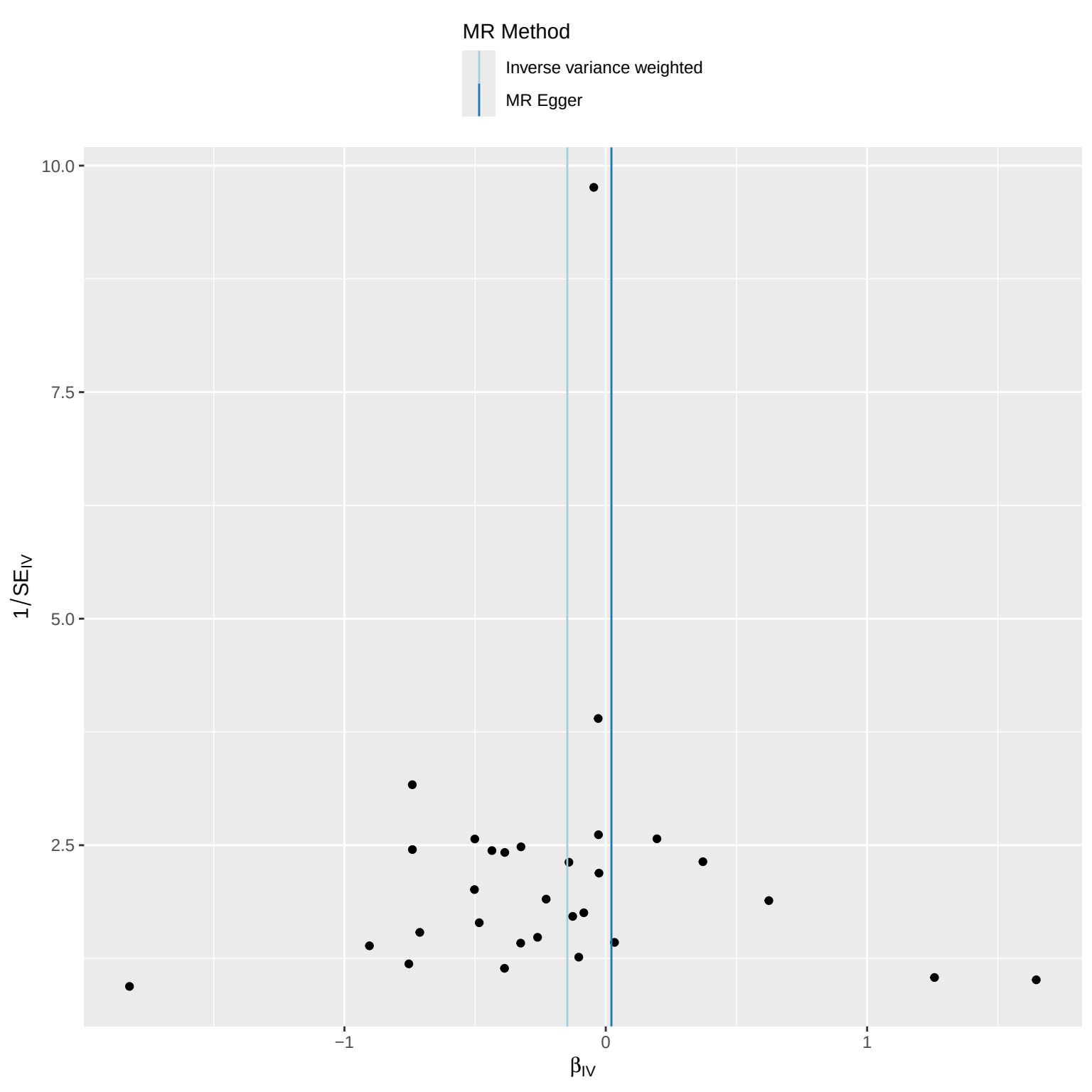

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.4
0.0
0.4
β_IV

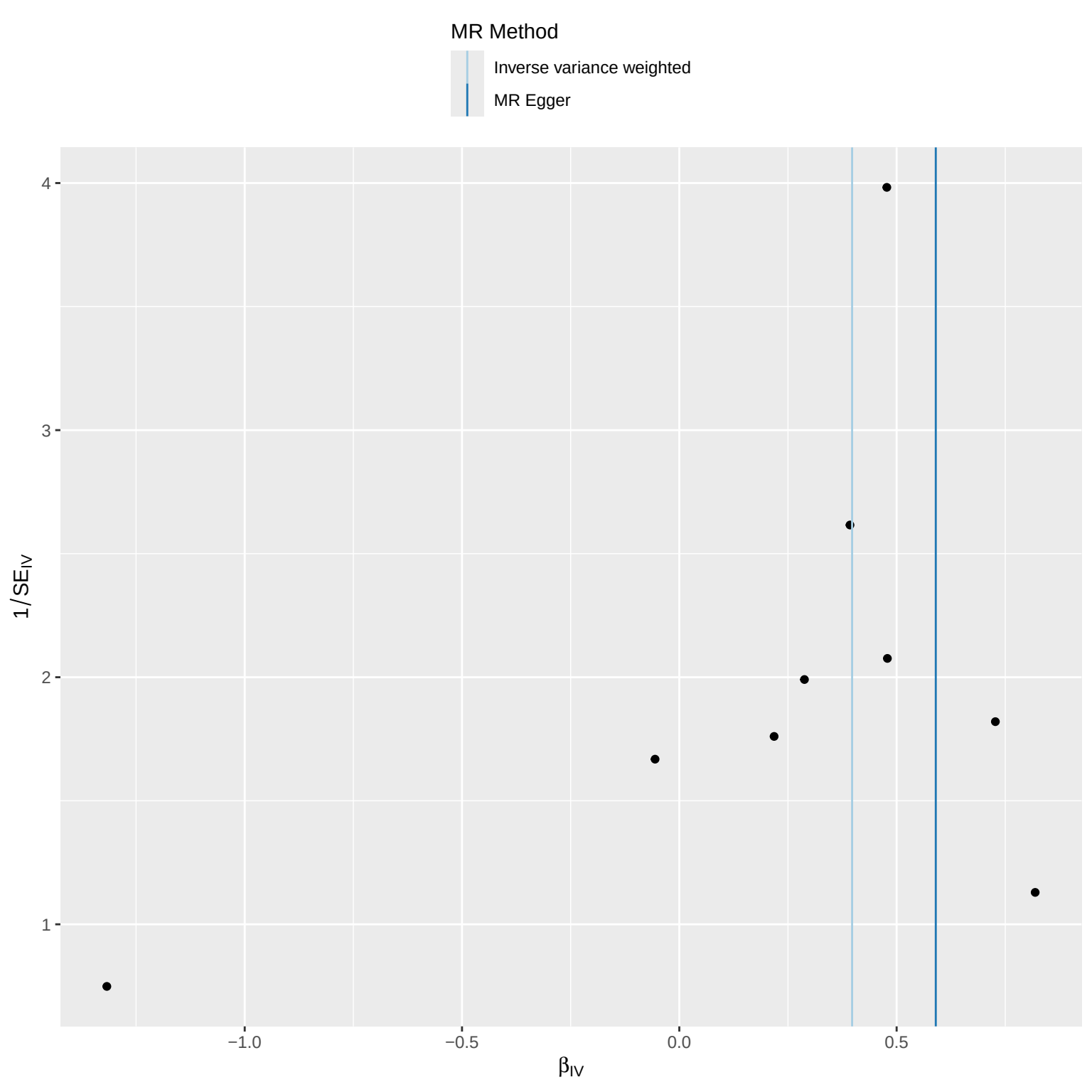

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

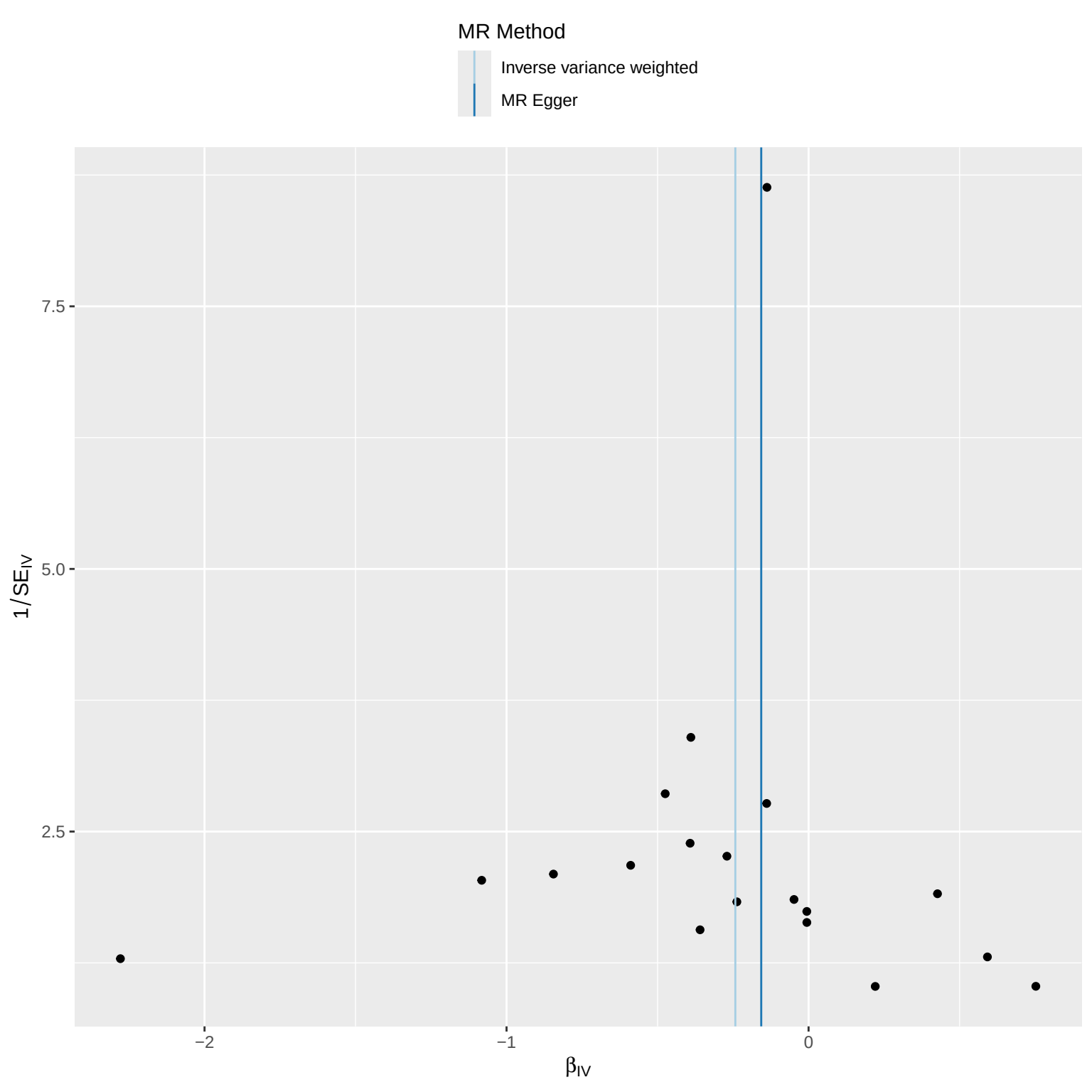

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

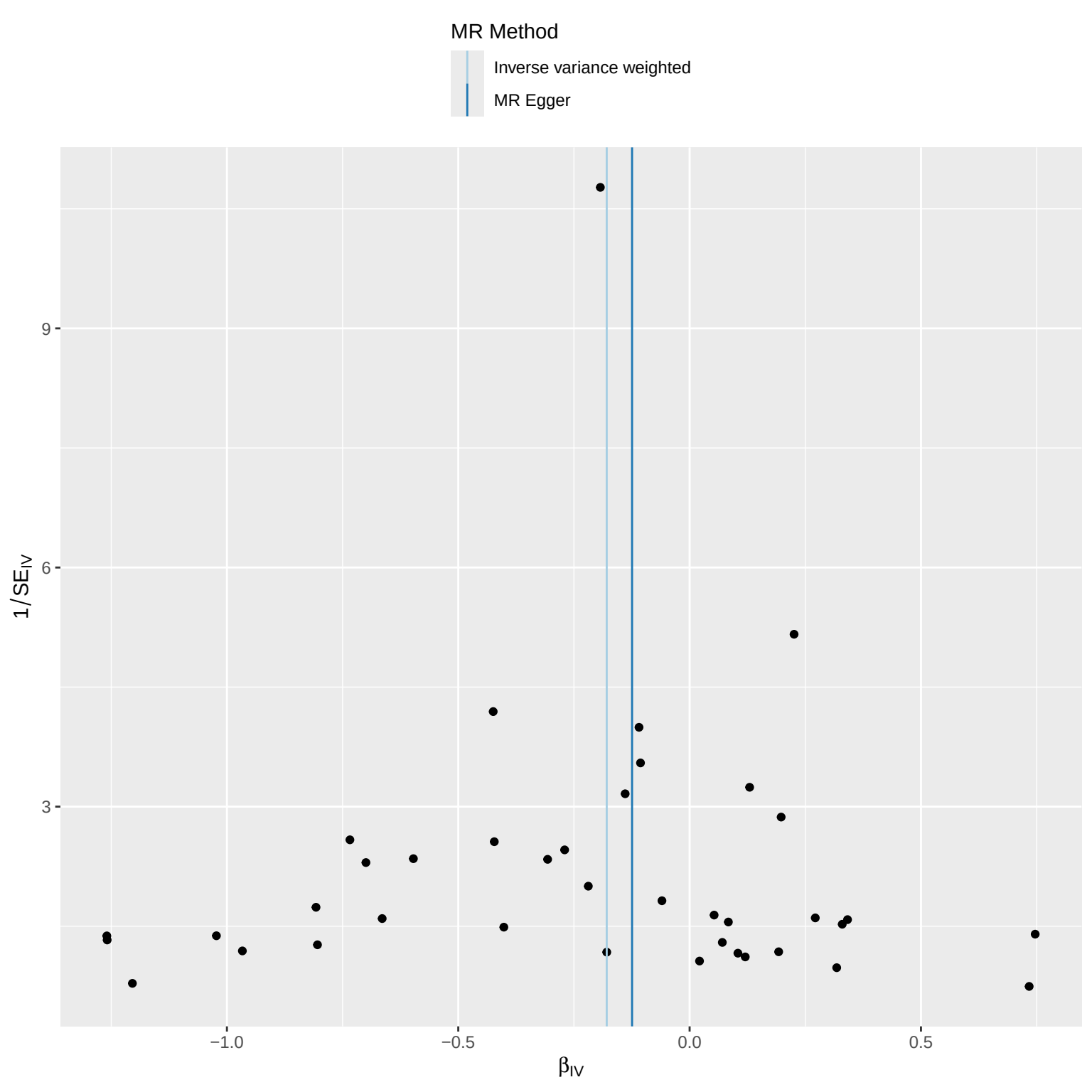

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

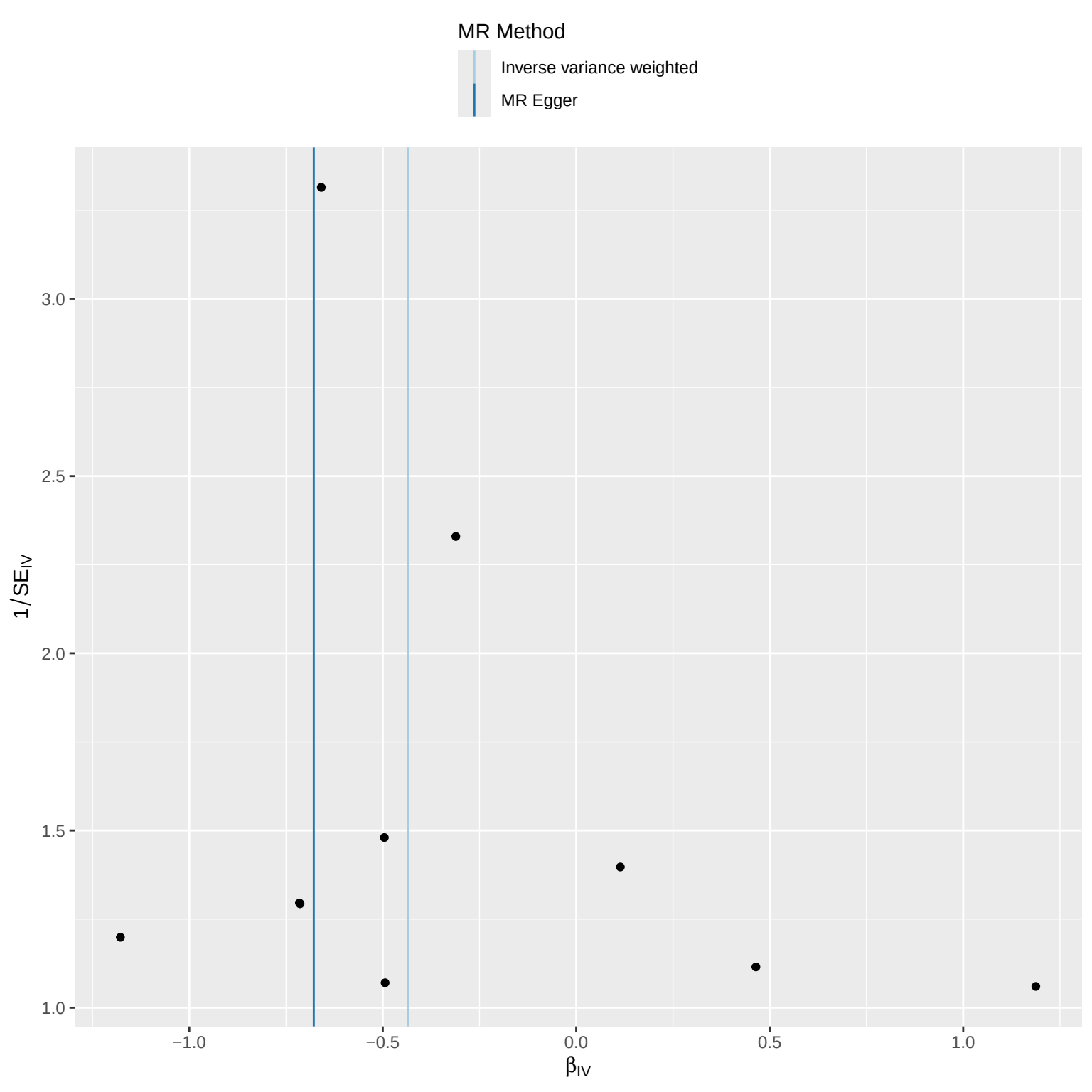

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

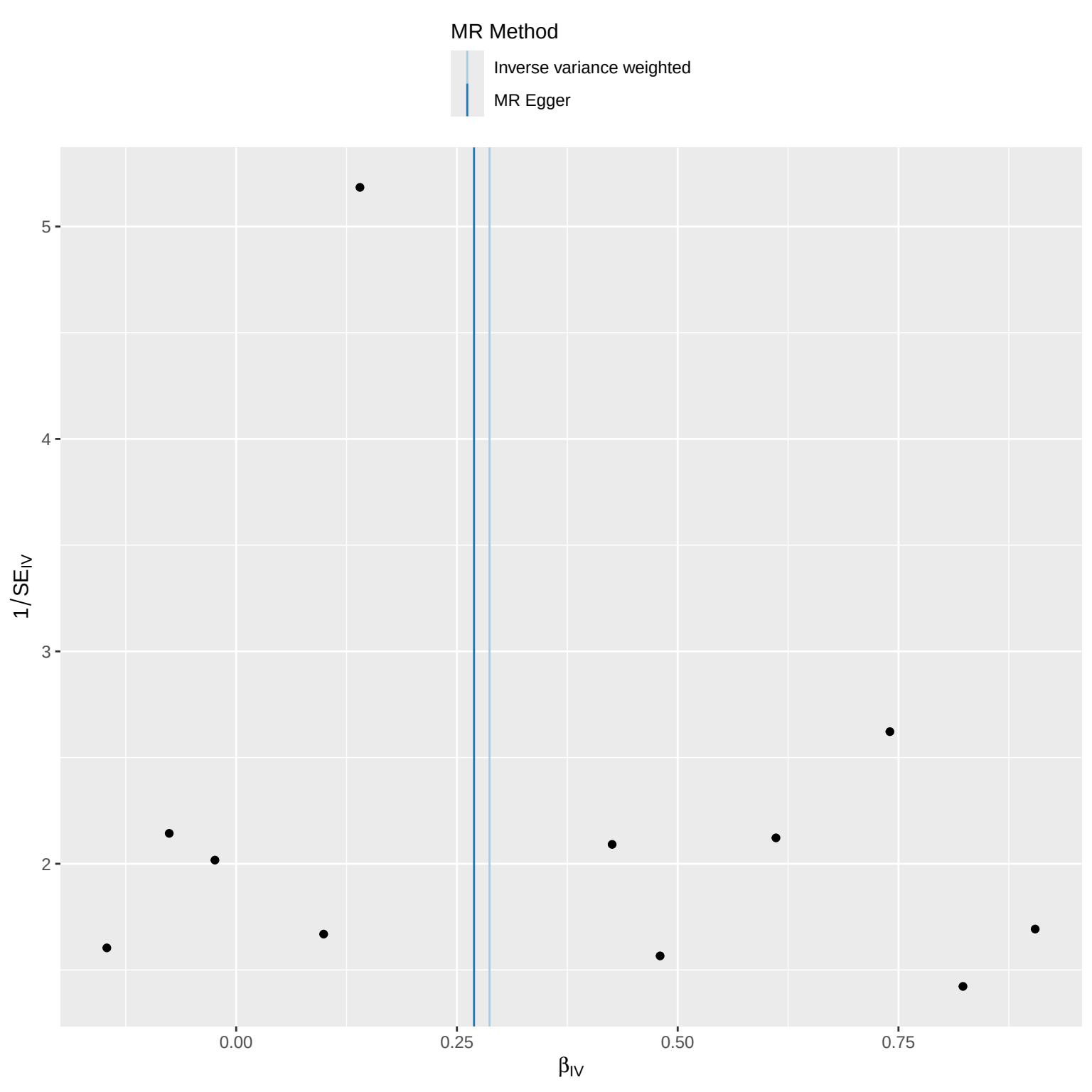

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

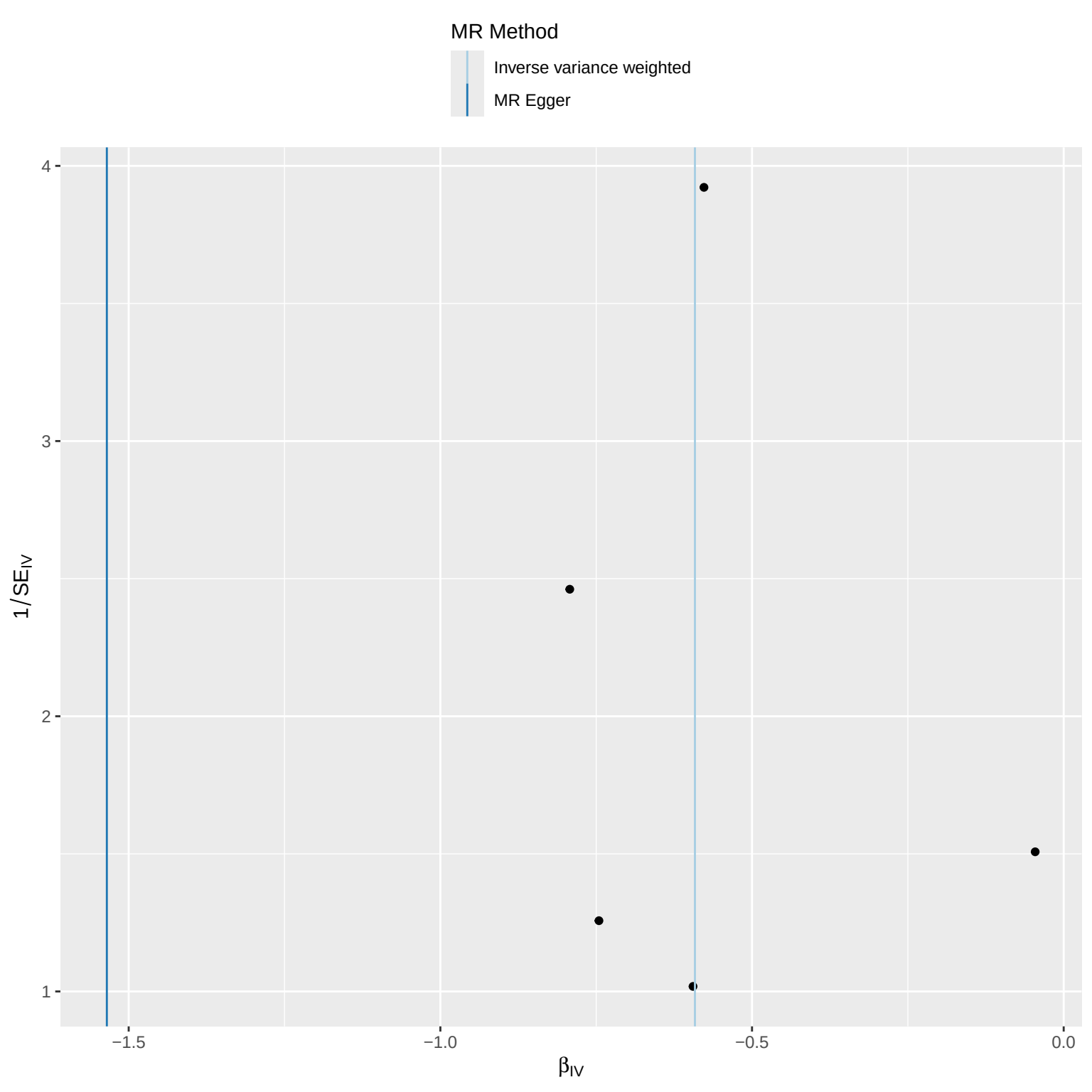

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

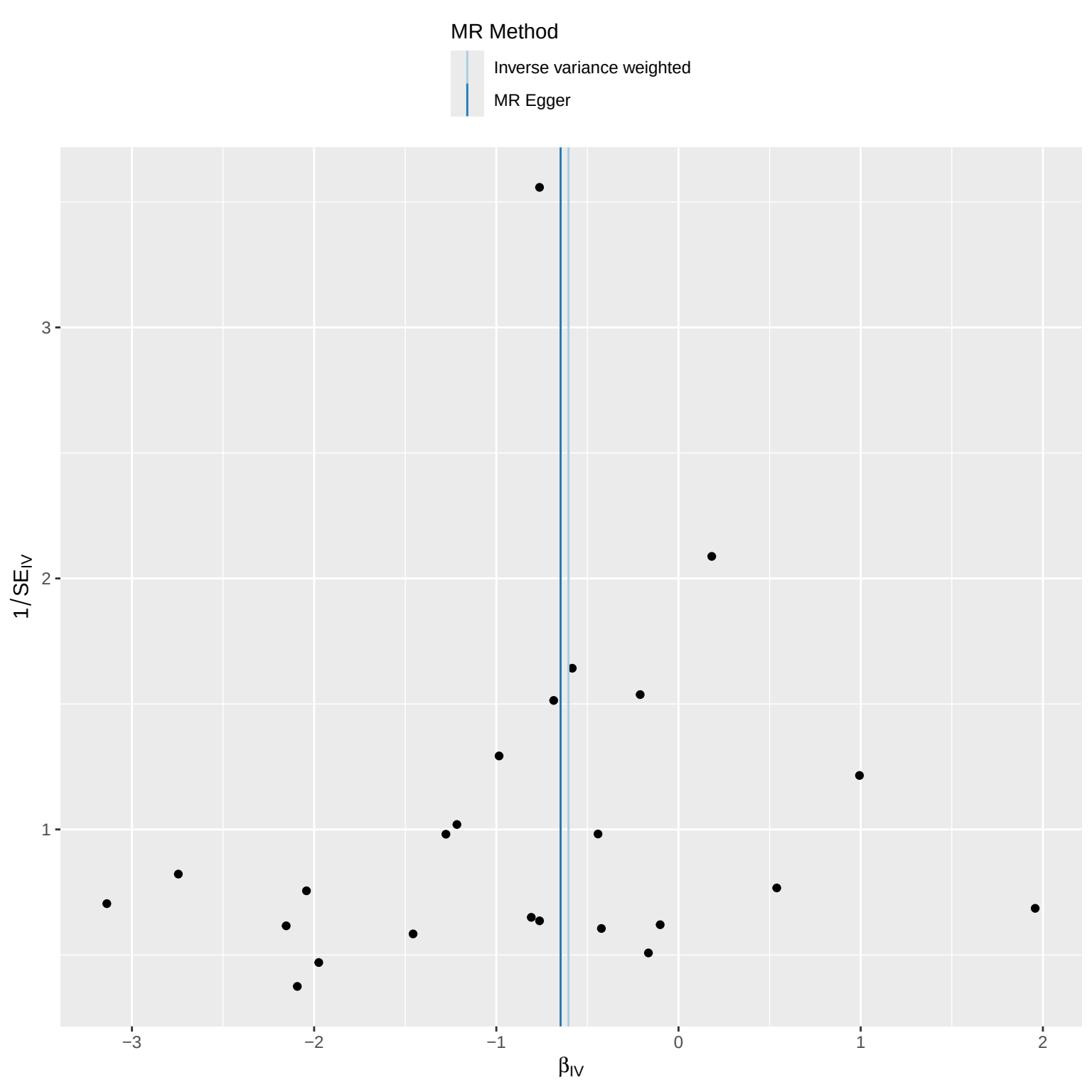

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
β_IV

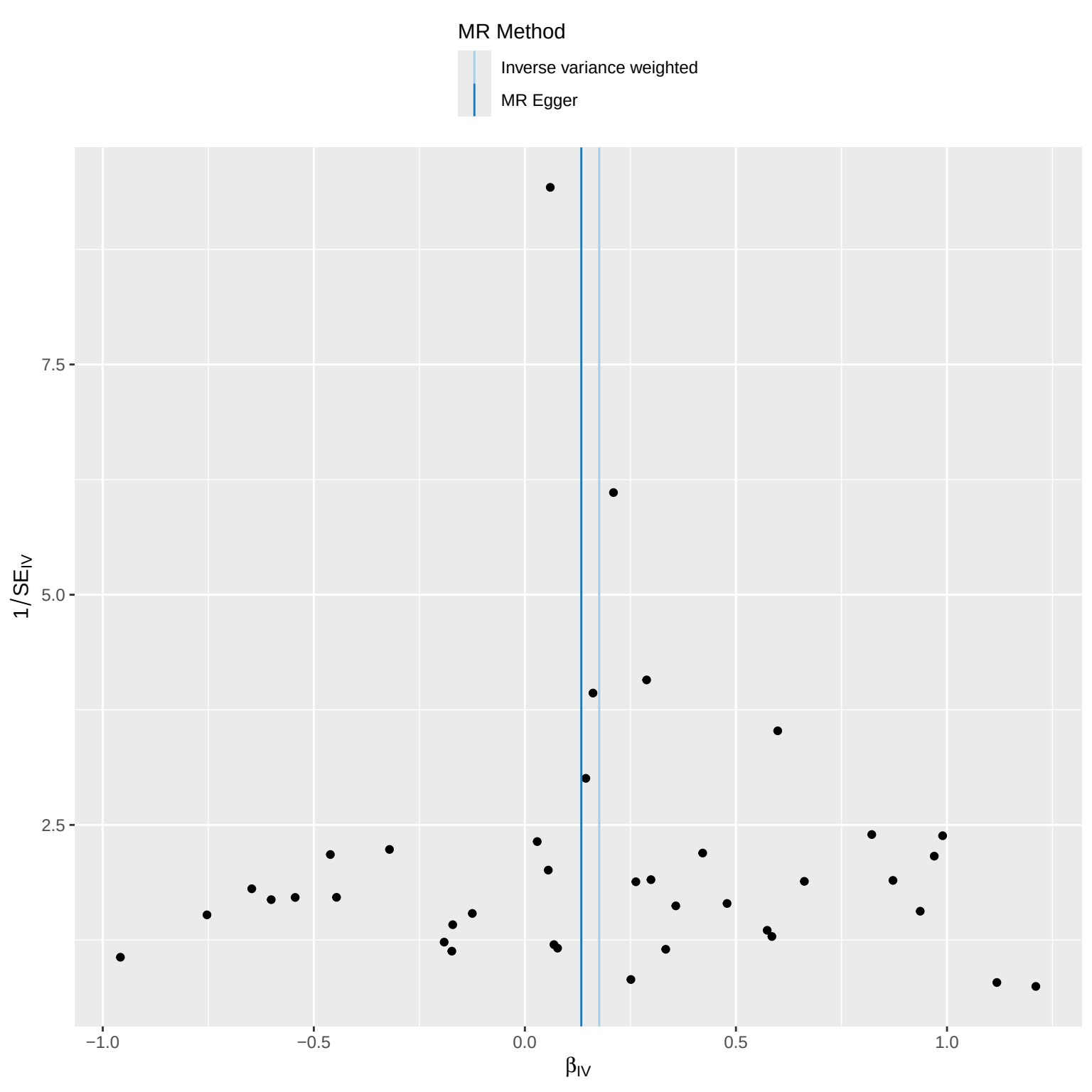

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

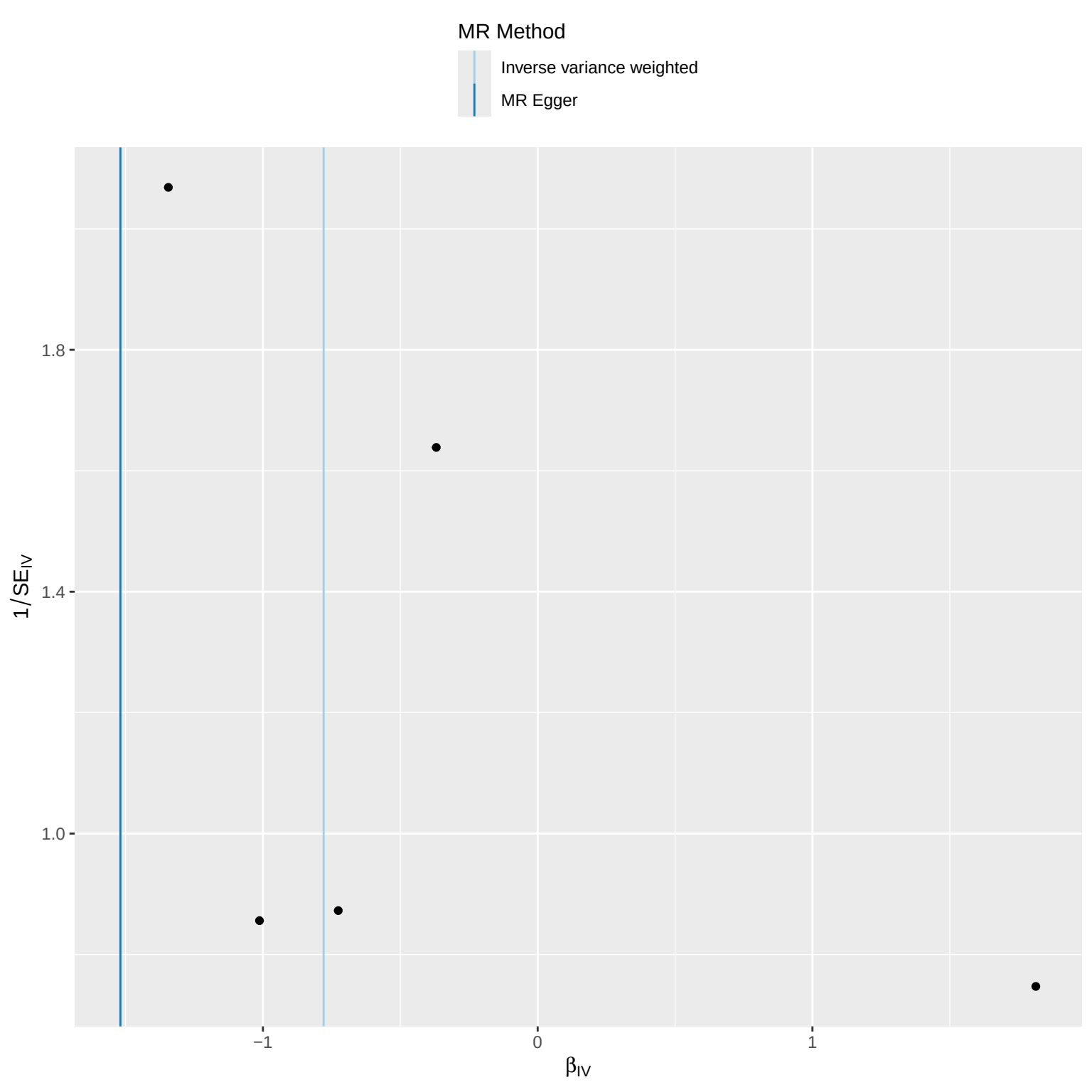

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

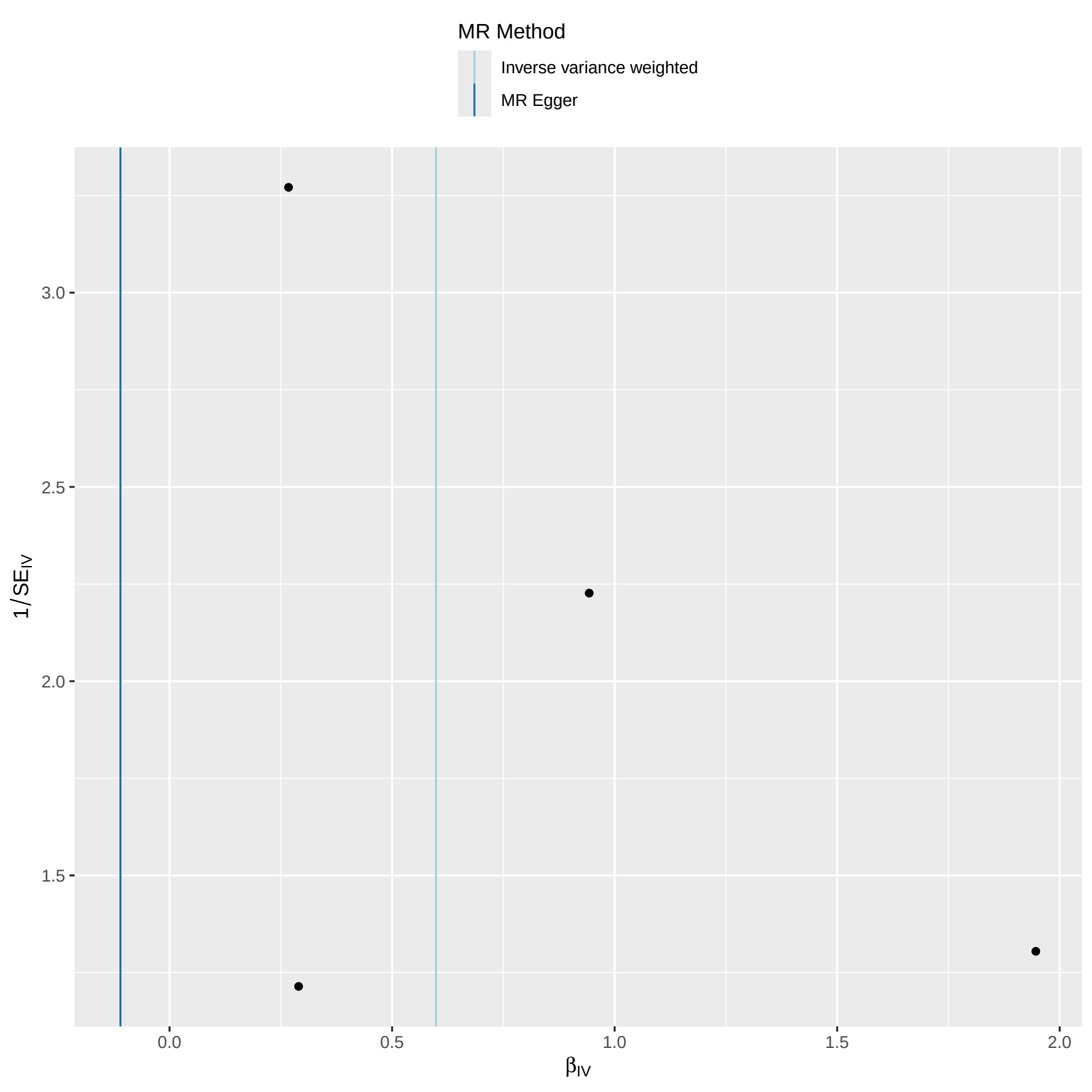

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

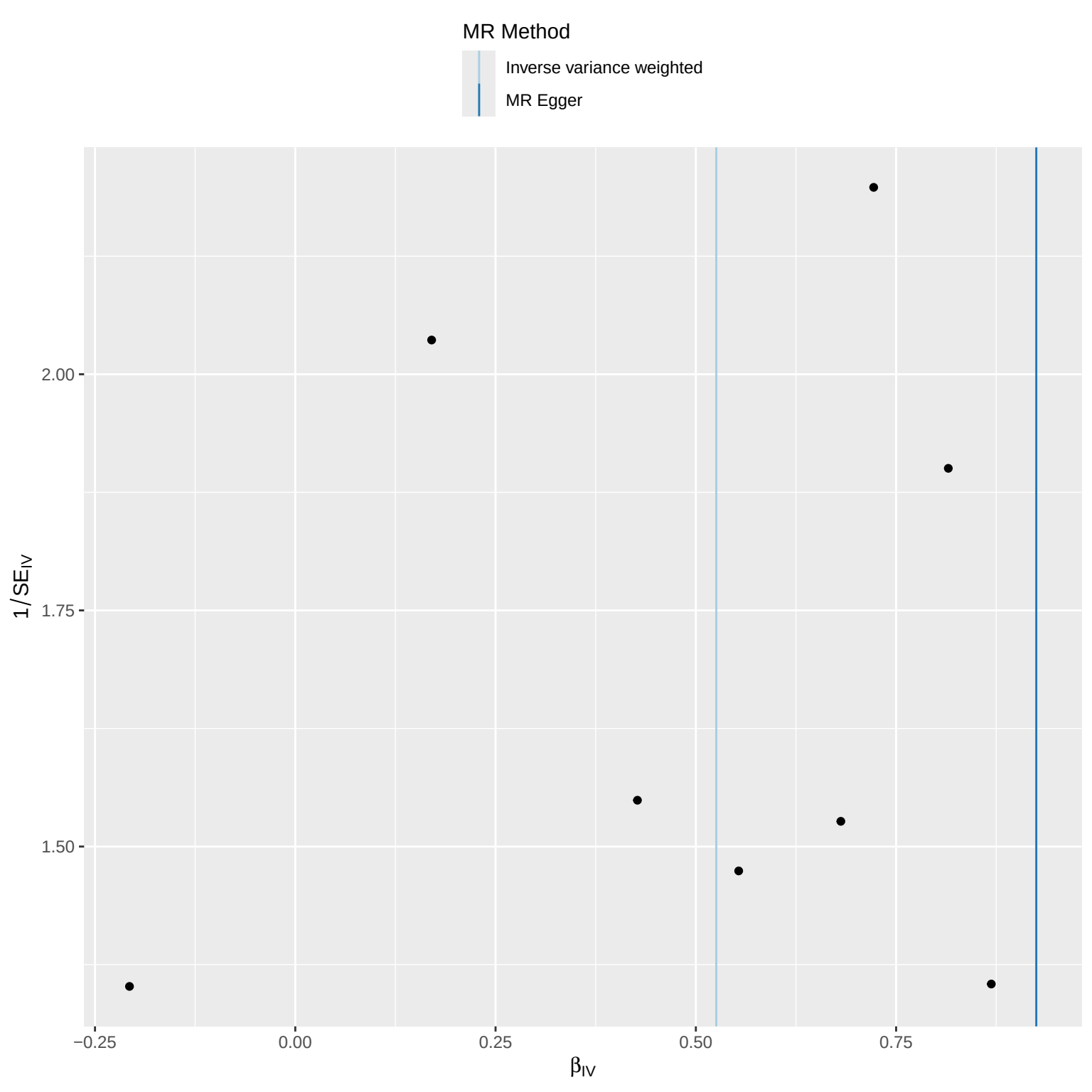

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

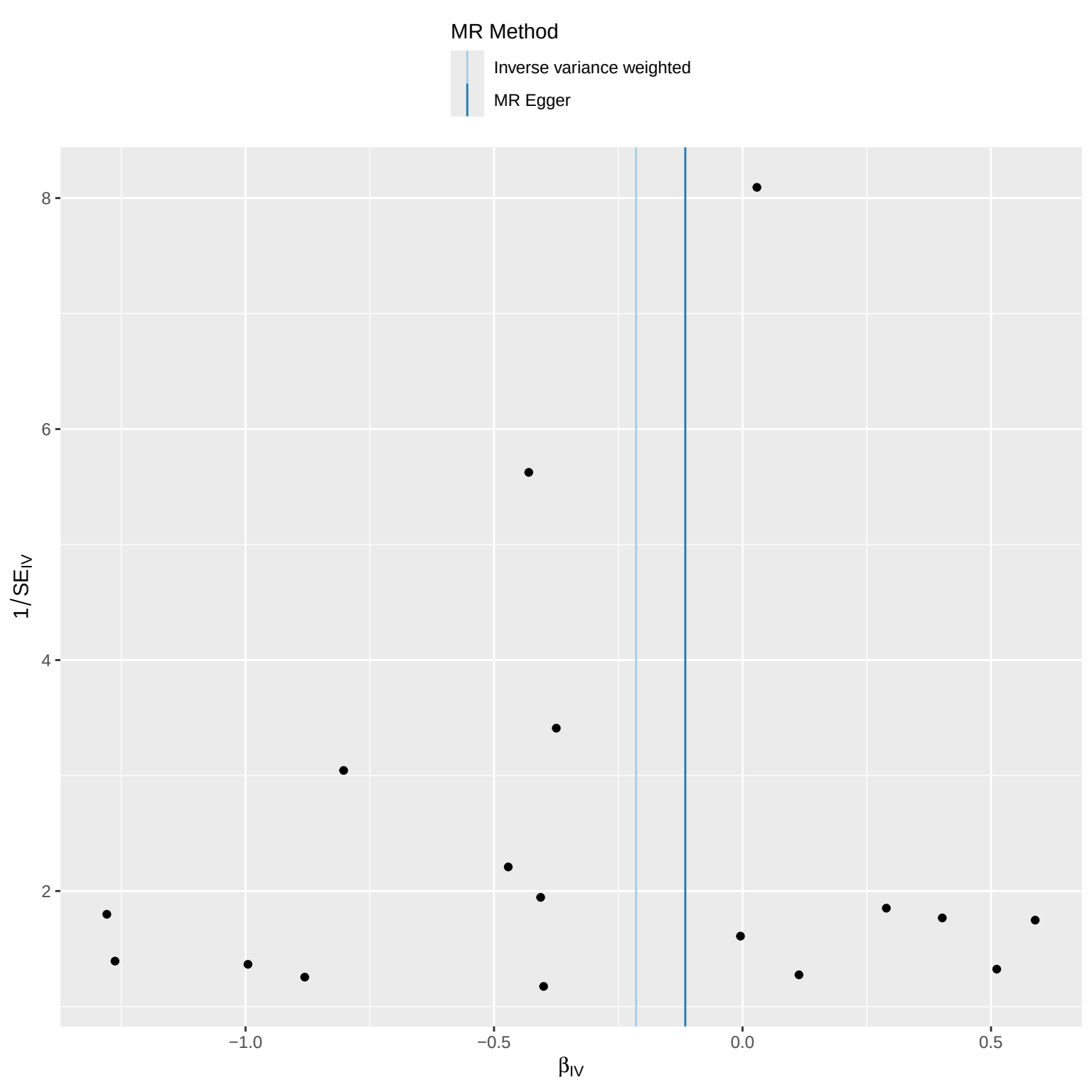

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

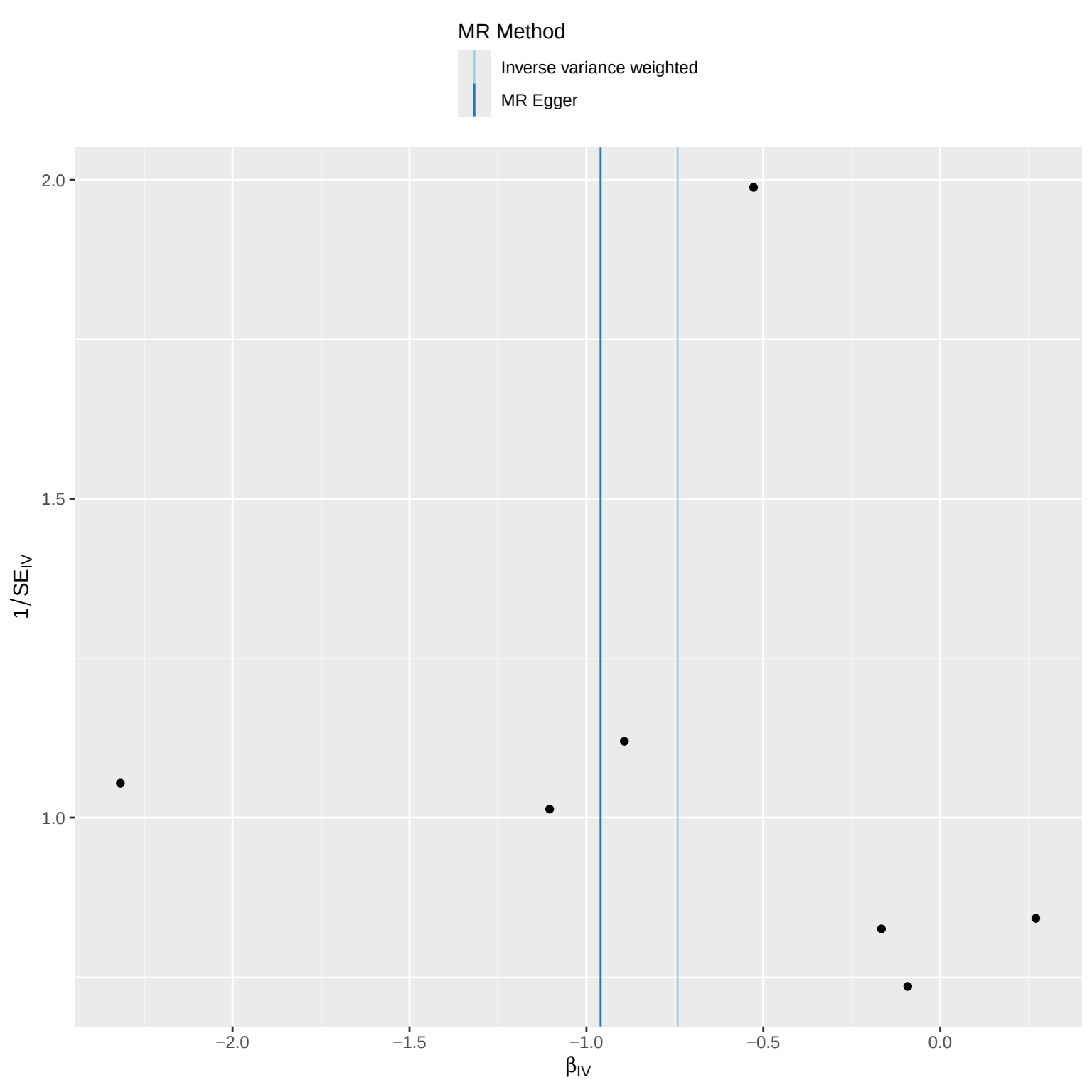

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

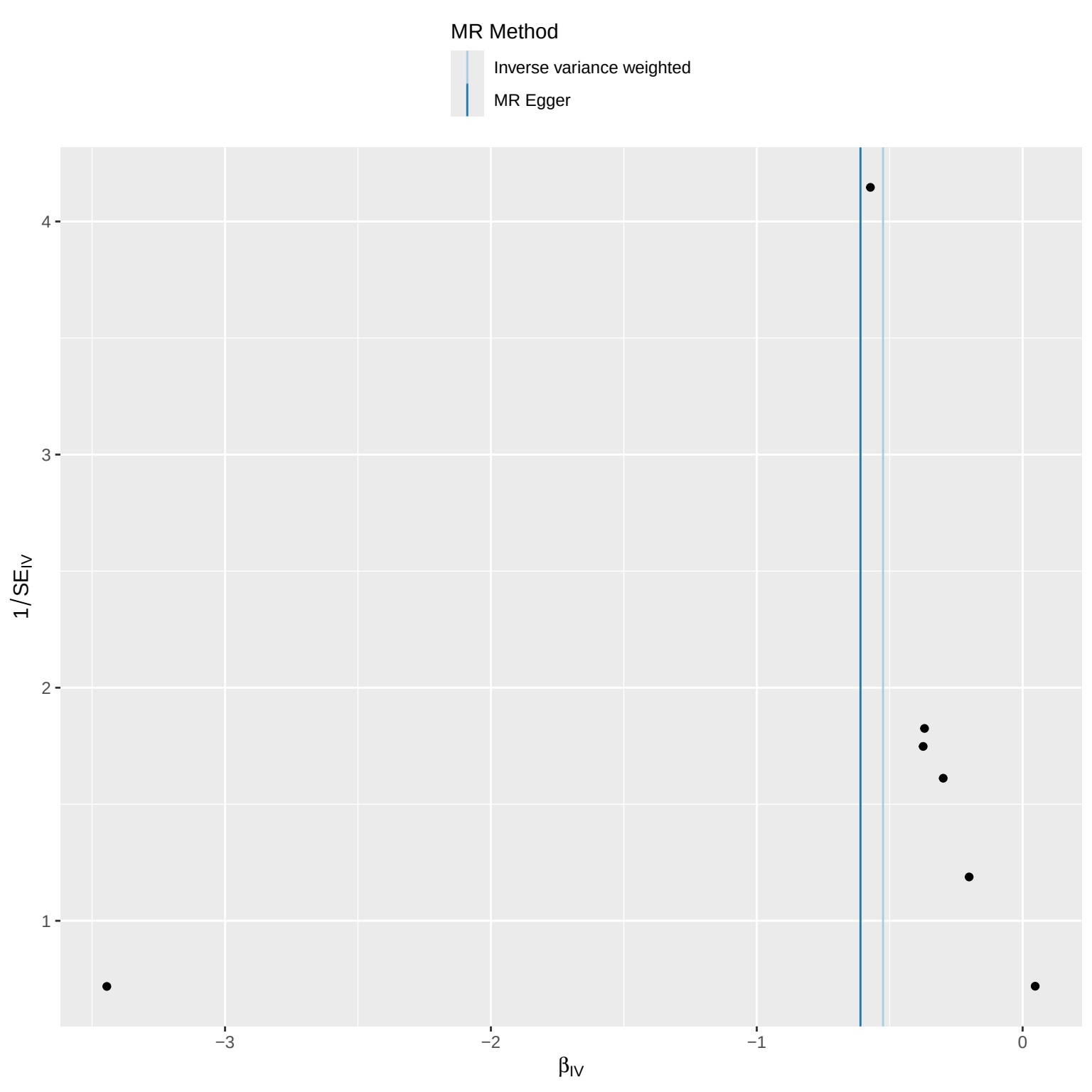

MR Method
Inverse variance weighted
MR Egger
1.8
1.4
1.0
1/SE_IV
−1
0
1
β_IV

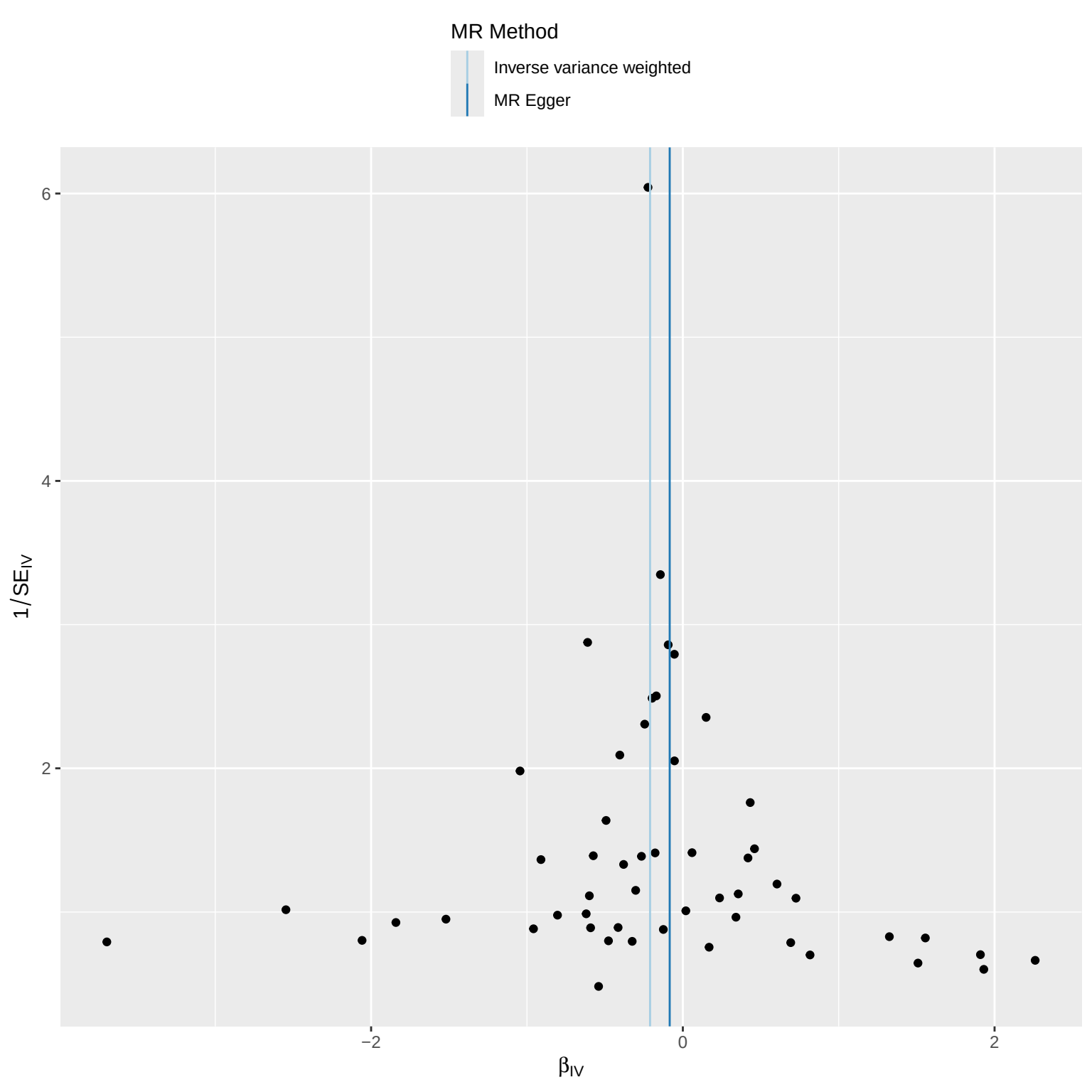

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

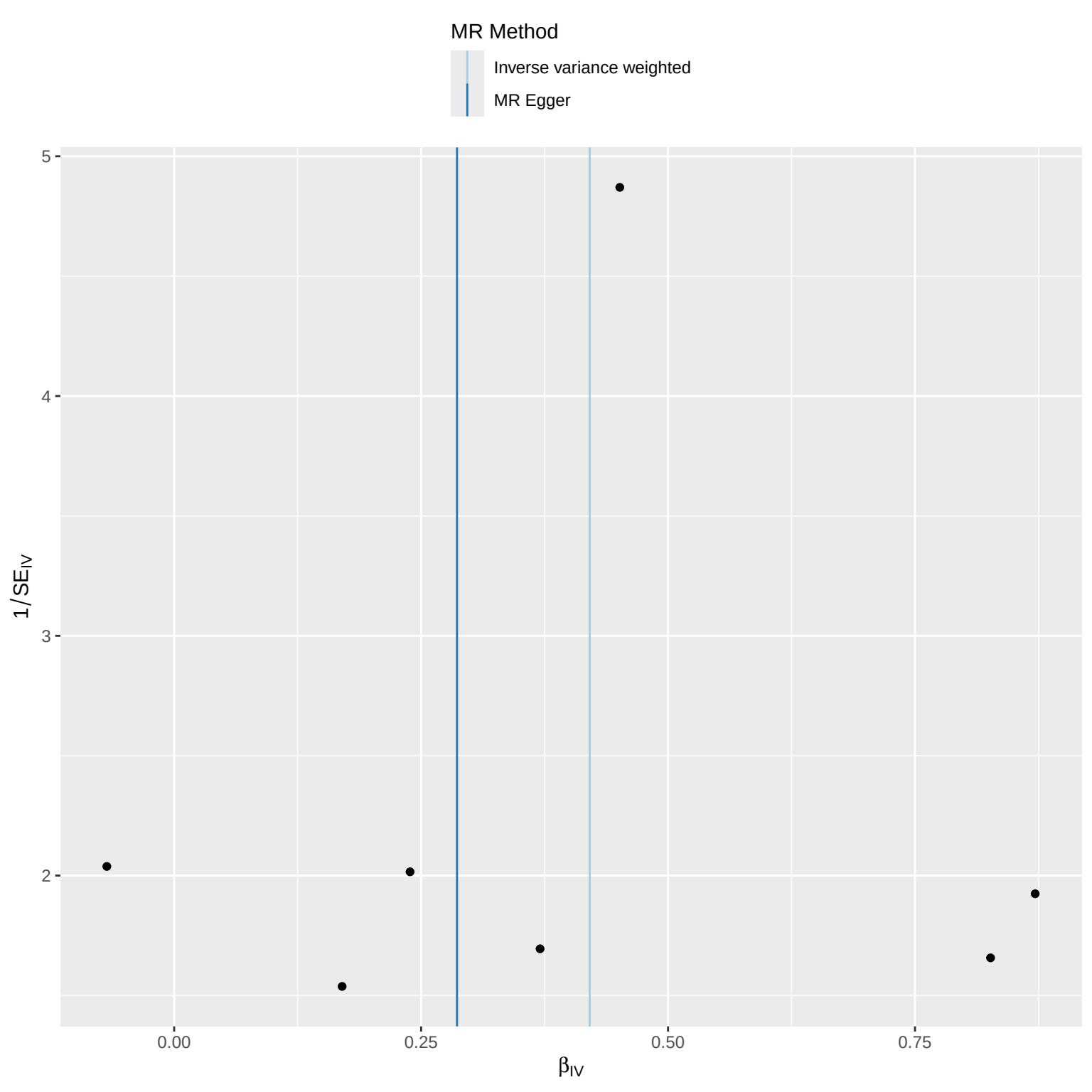

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1/SE_IV
−0.25
0.00
0.25
0.50
0.75
β_IV

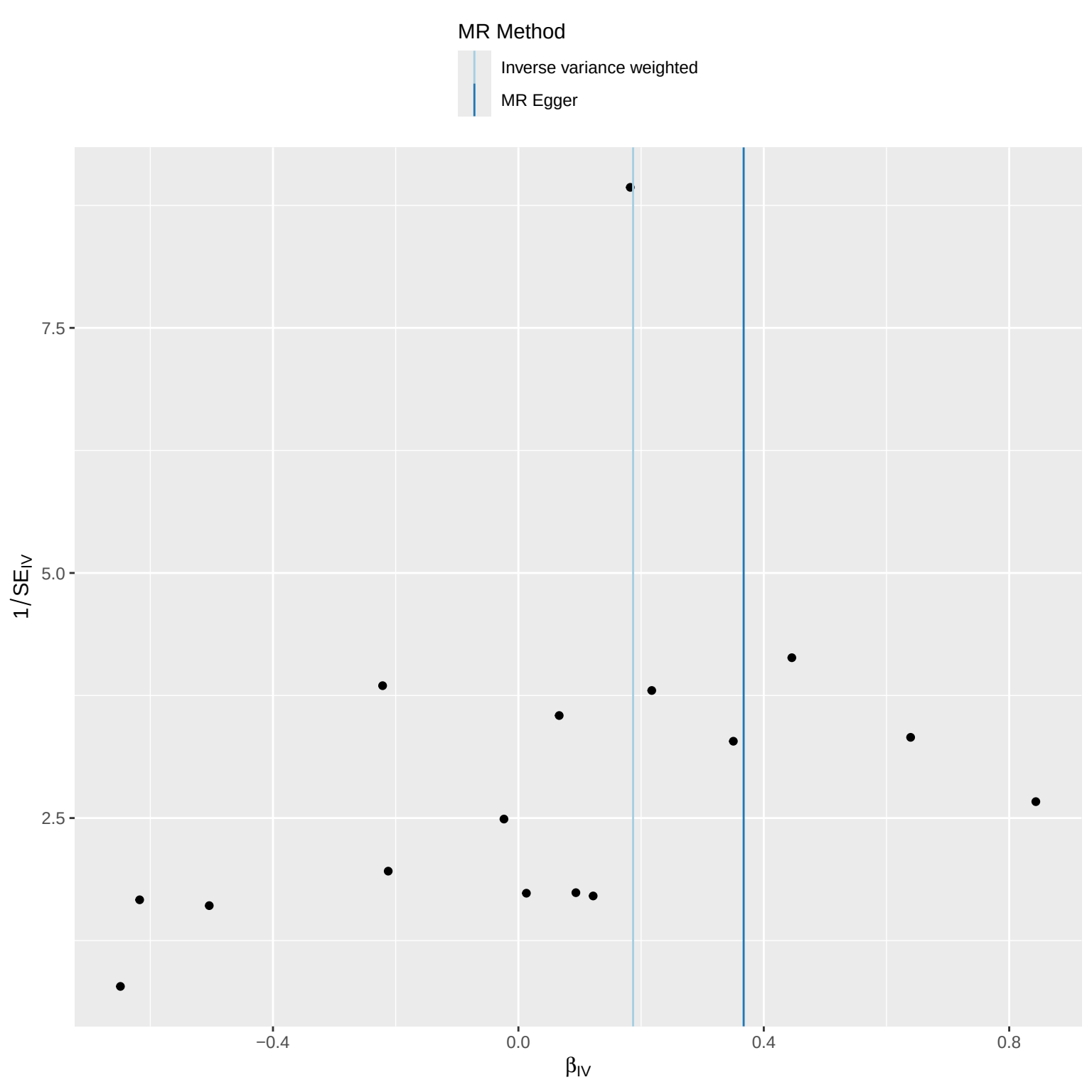

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

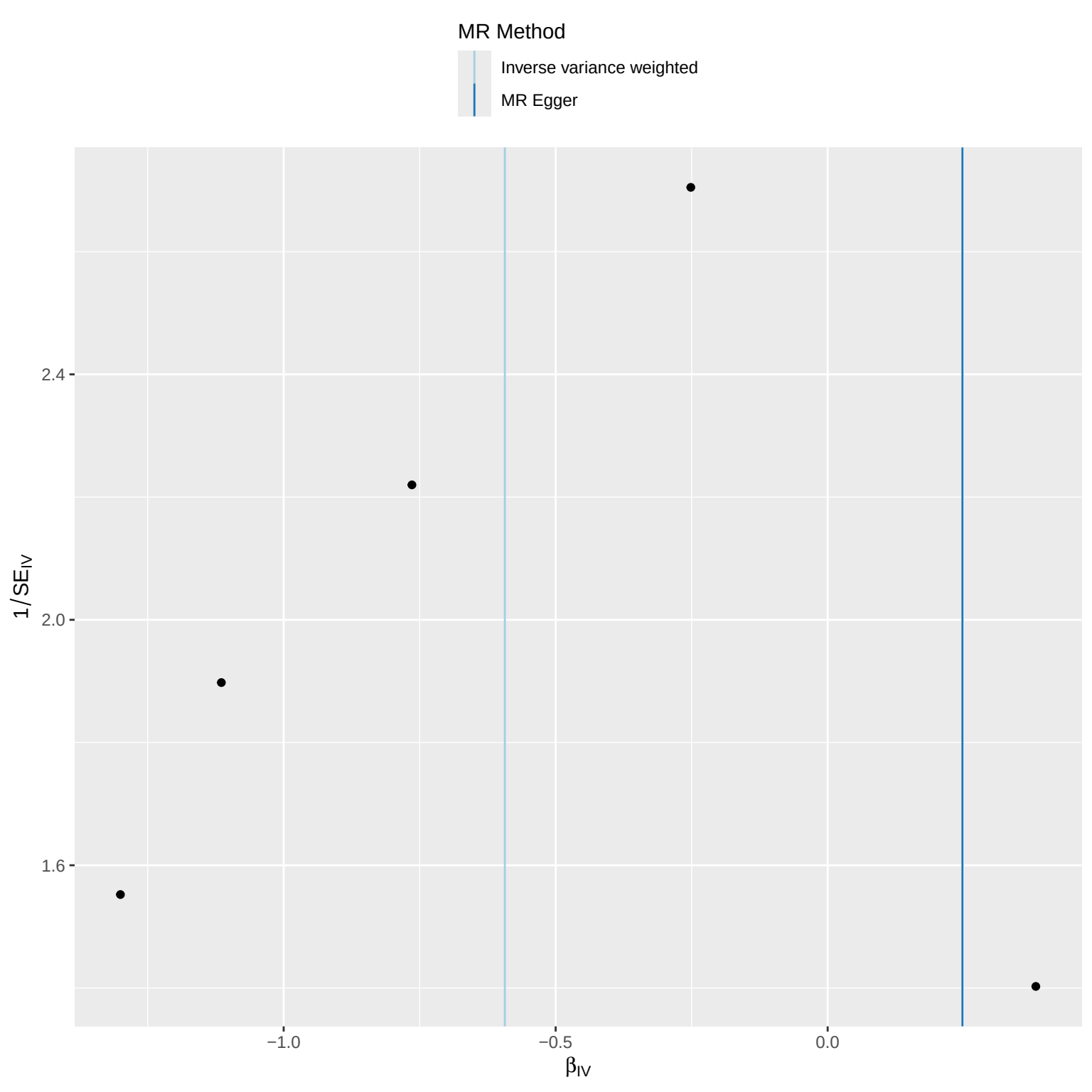

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

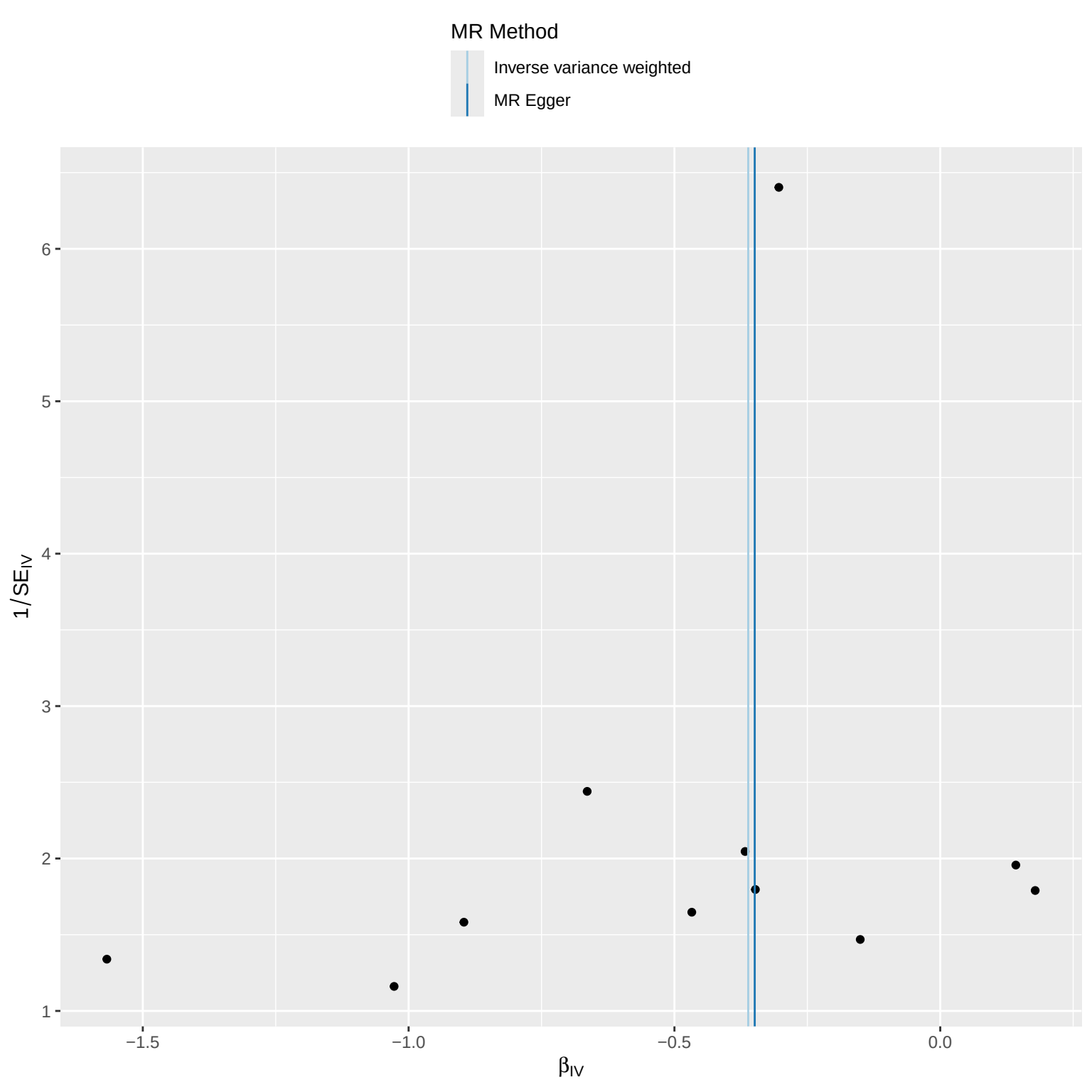

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

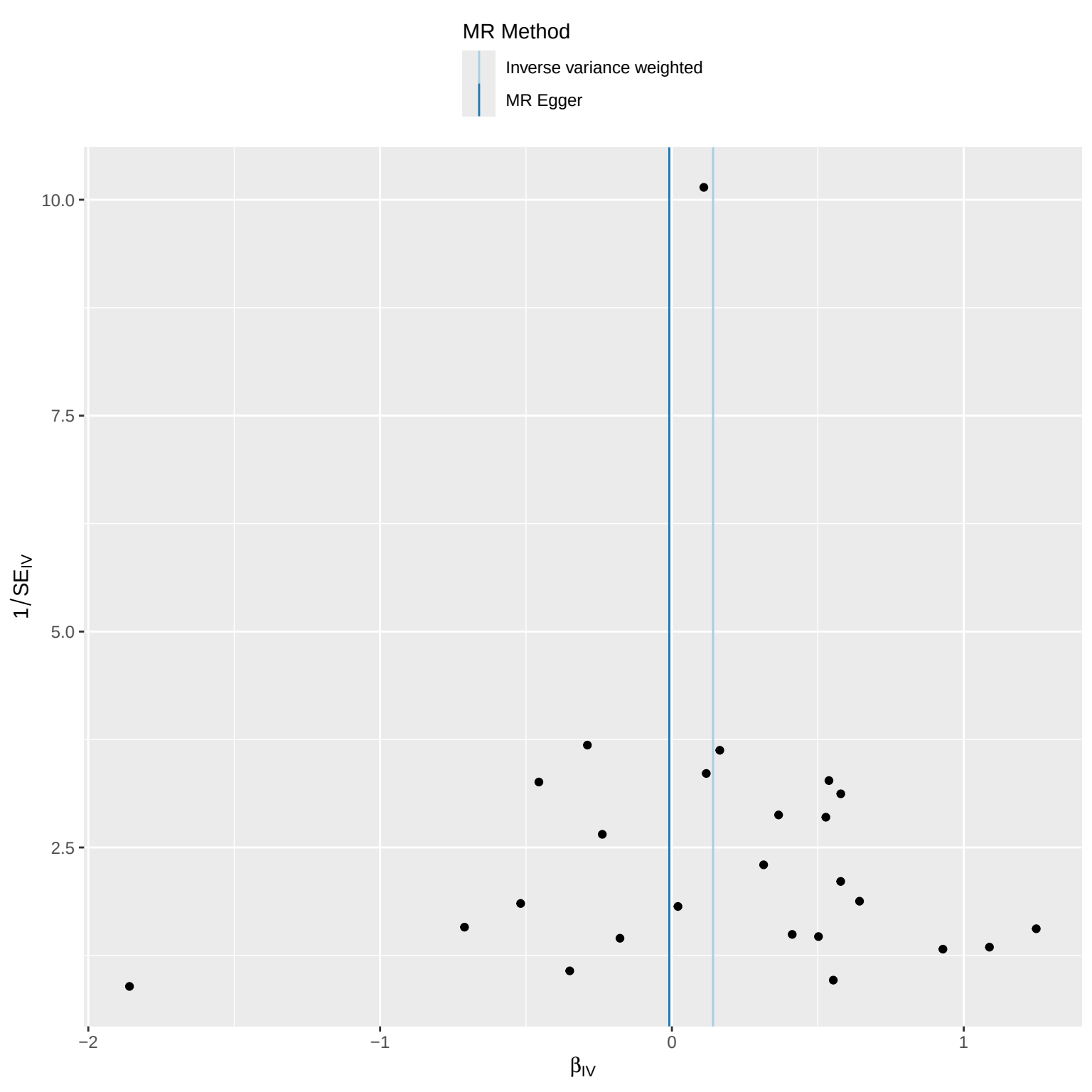

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

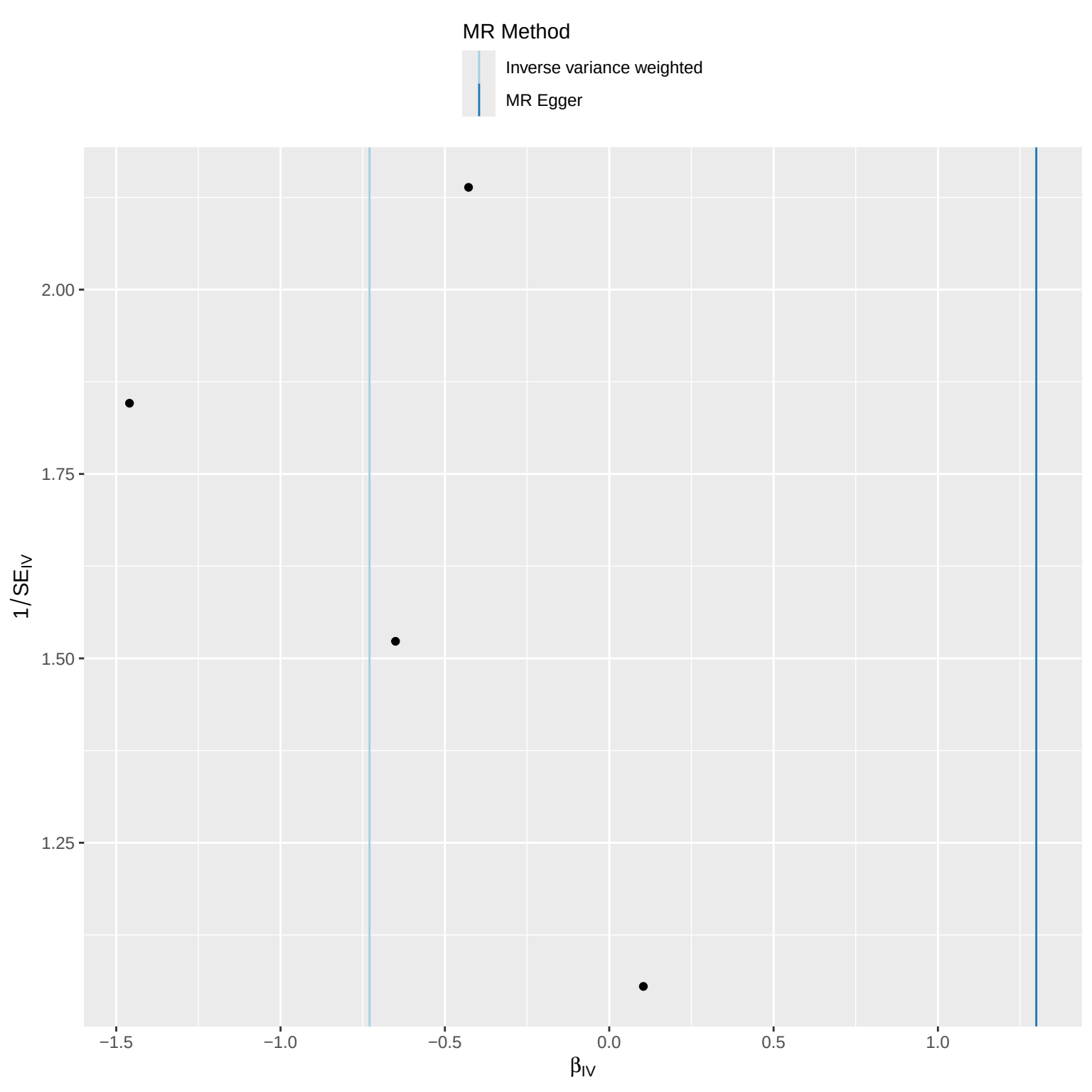

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

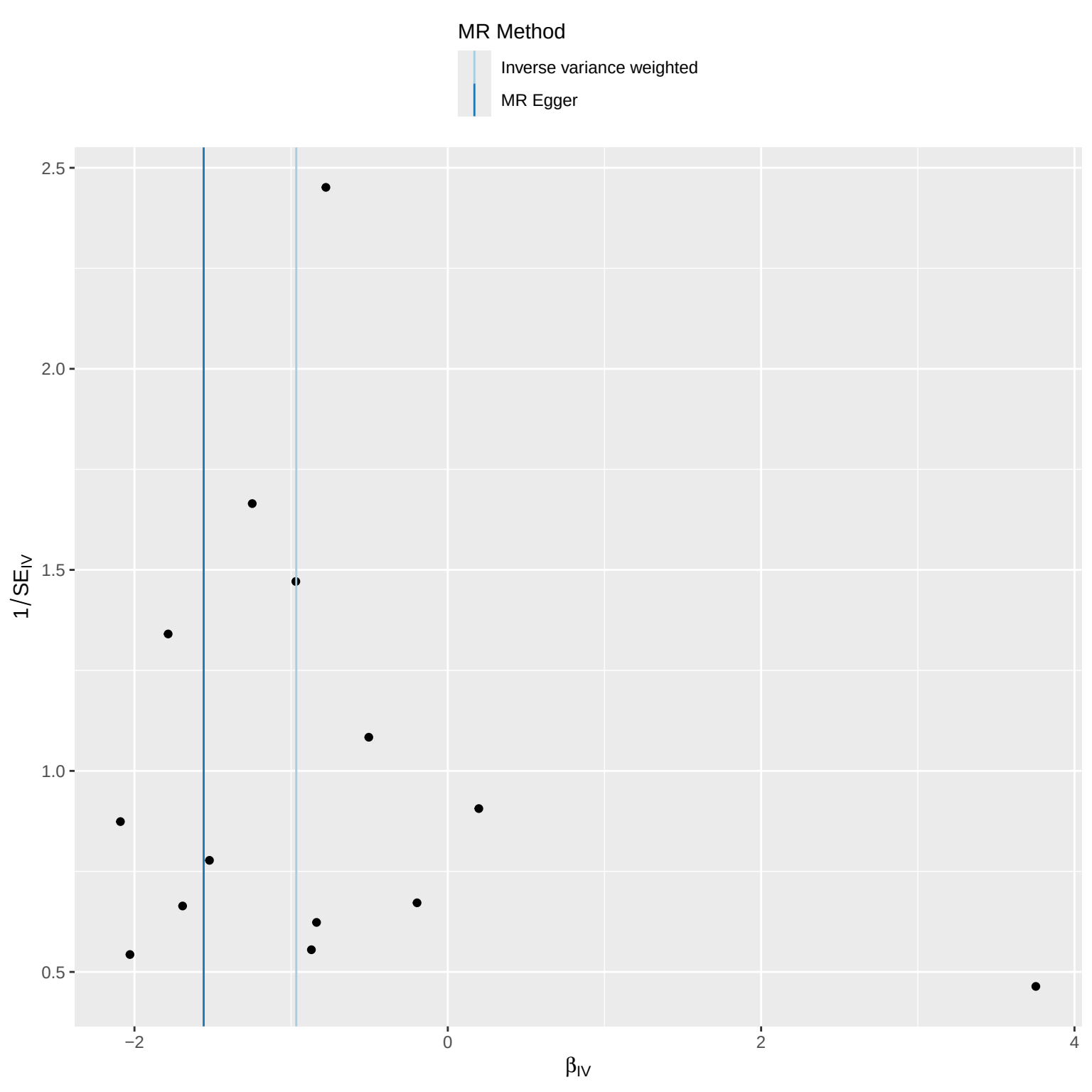

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

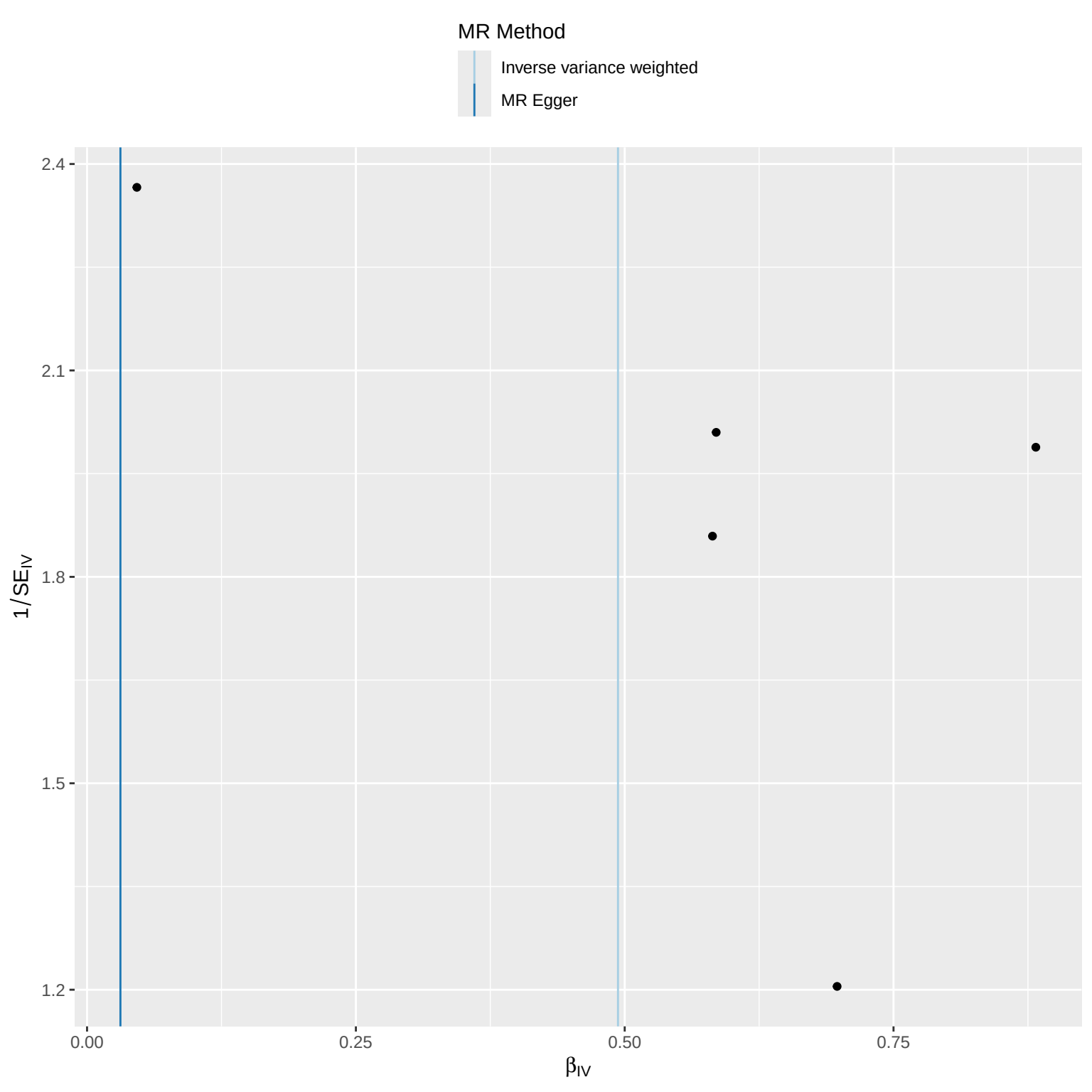

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1/SE_IV
−1.0
−0.5
0.0
β_IV

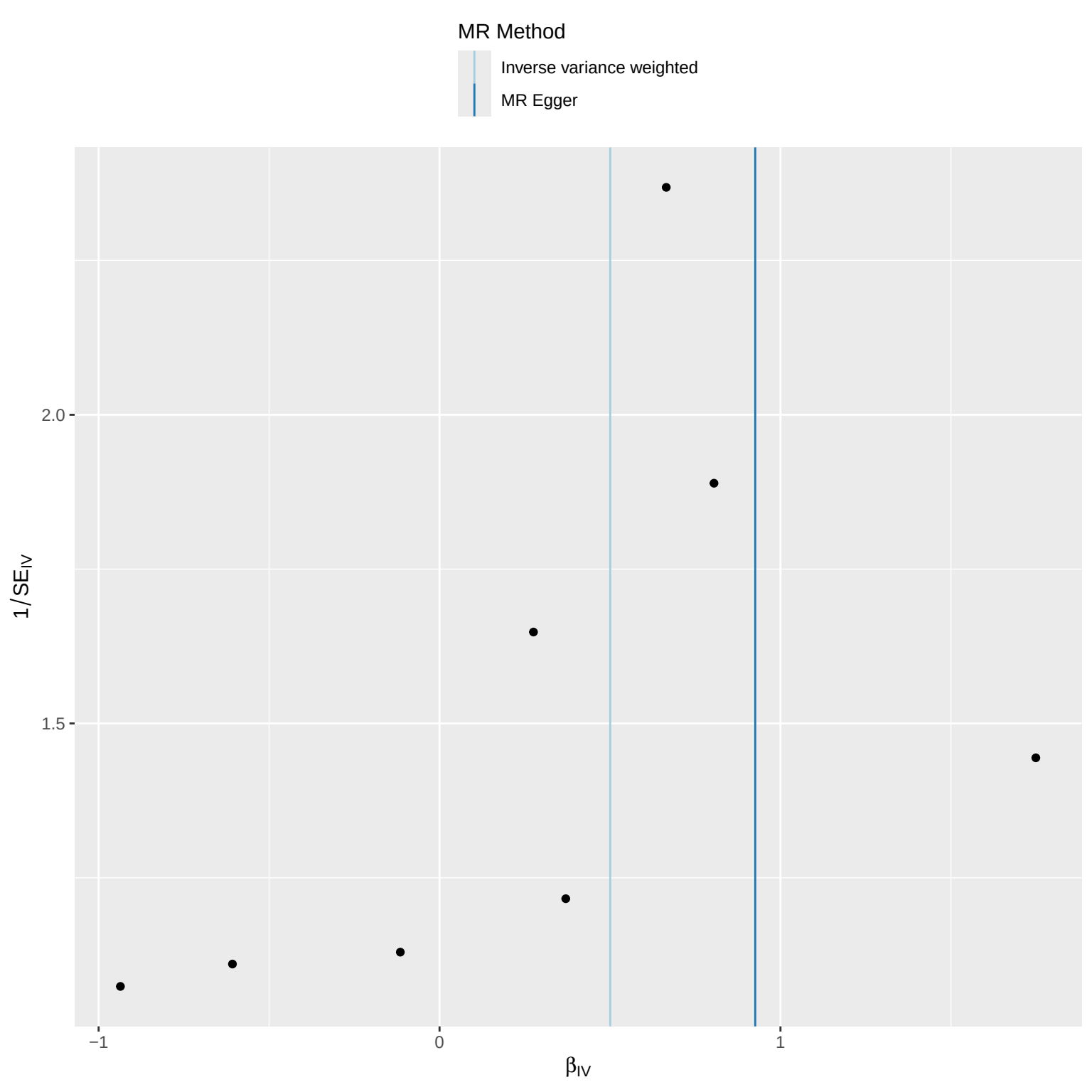

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

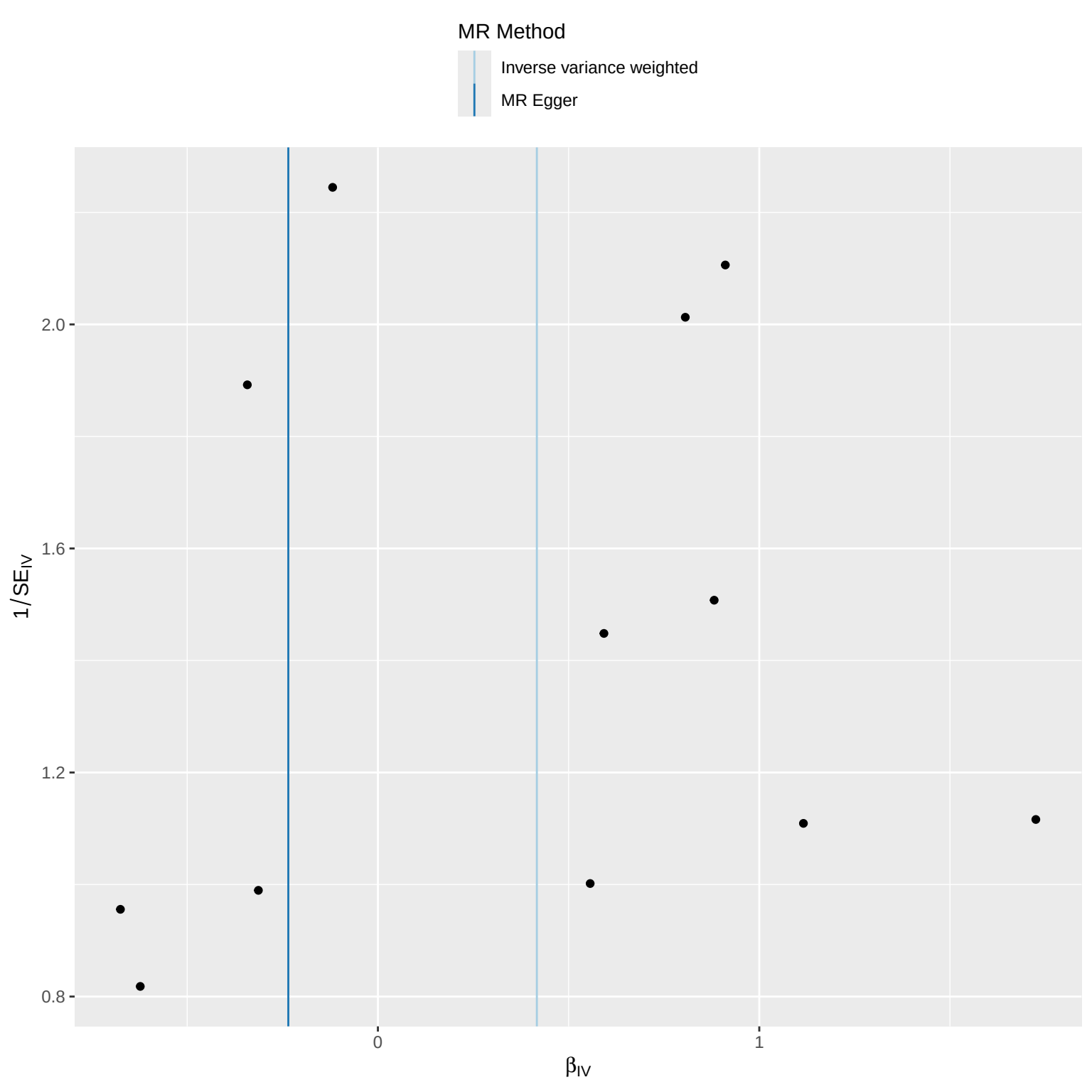

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

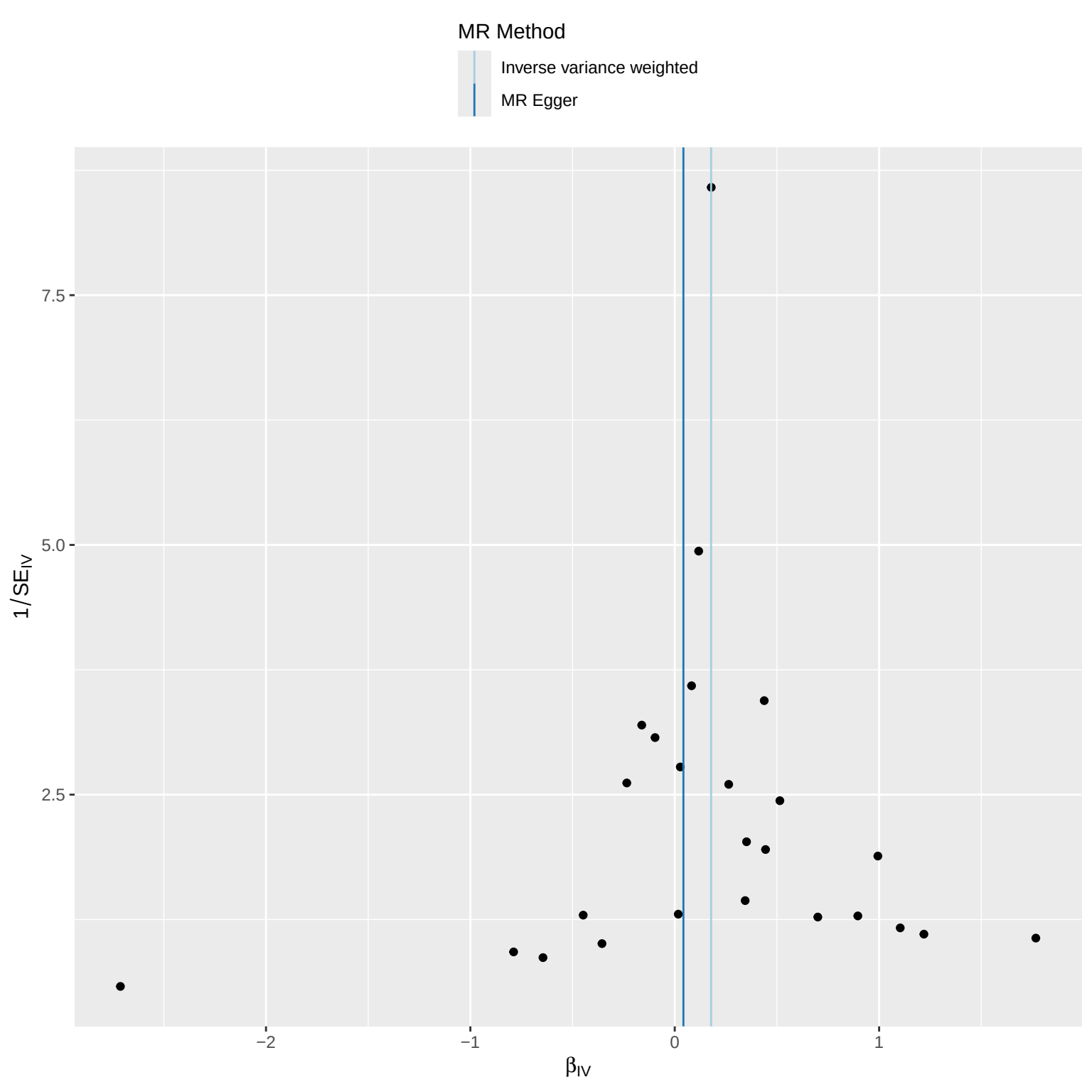

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

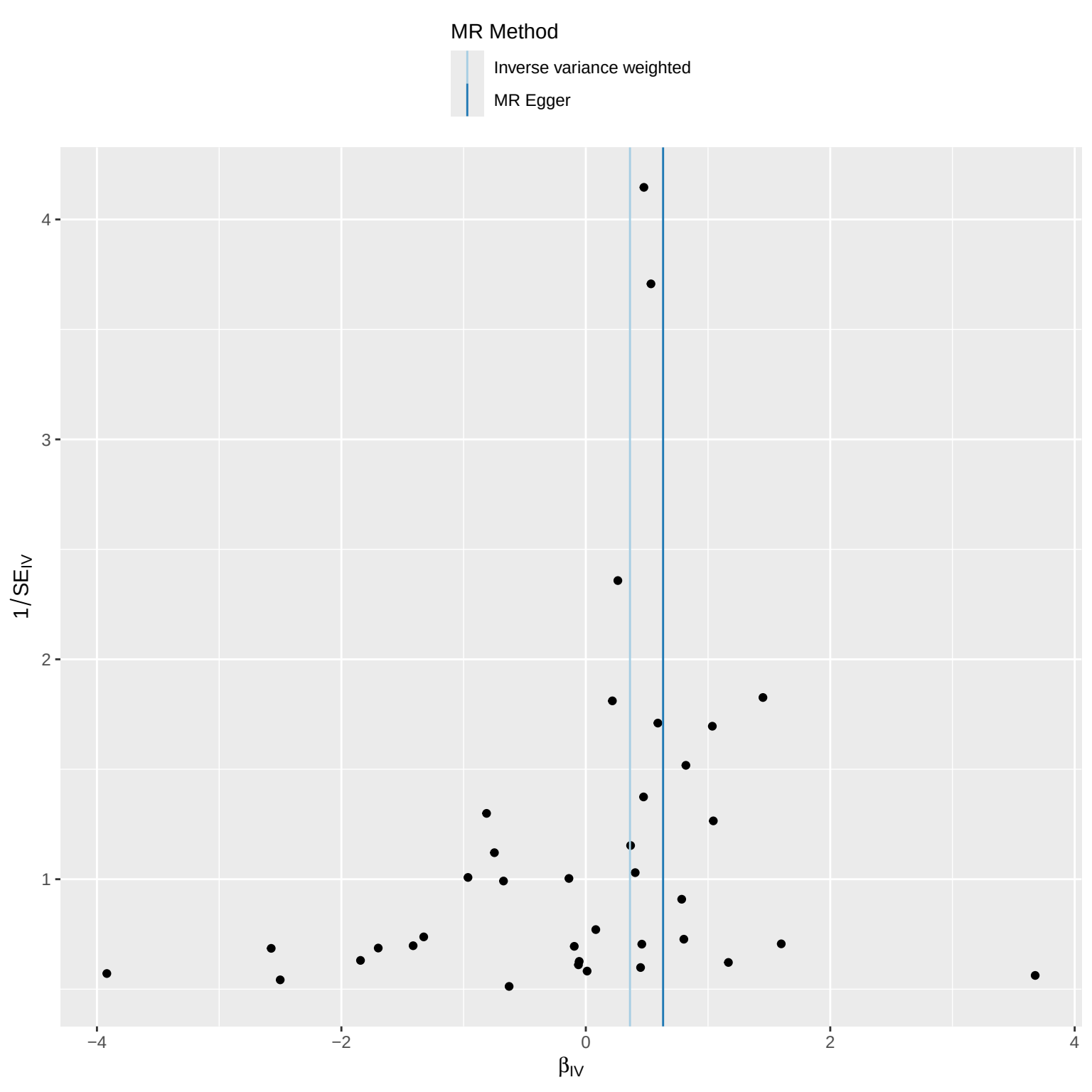

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

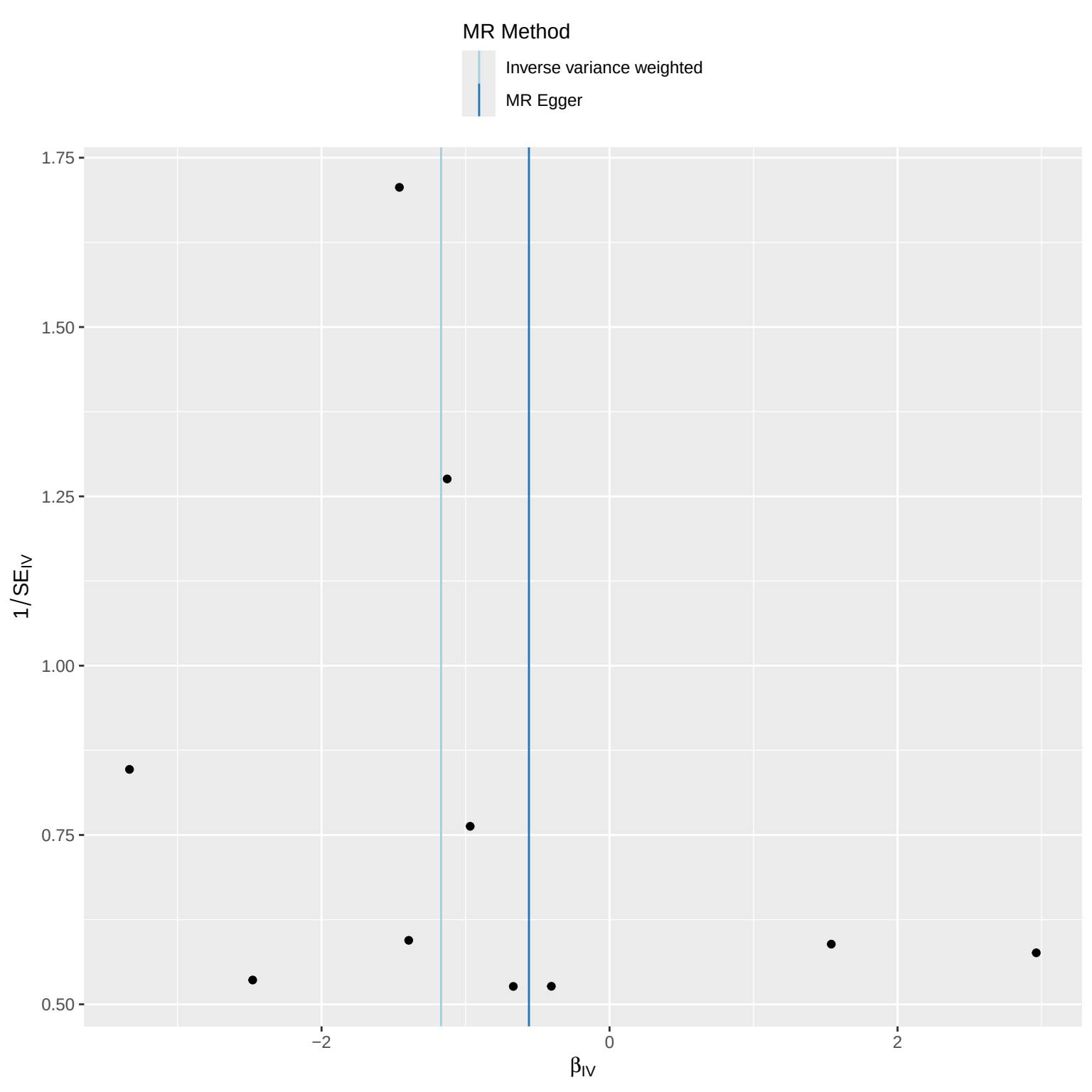

MR Method
Inverse variance weighted
MR Egger
2.4
2.1
1.8
1.5
1.2
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

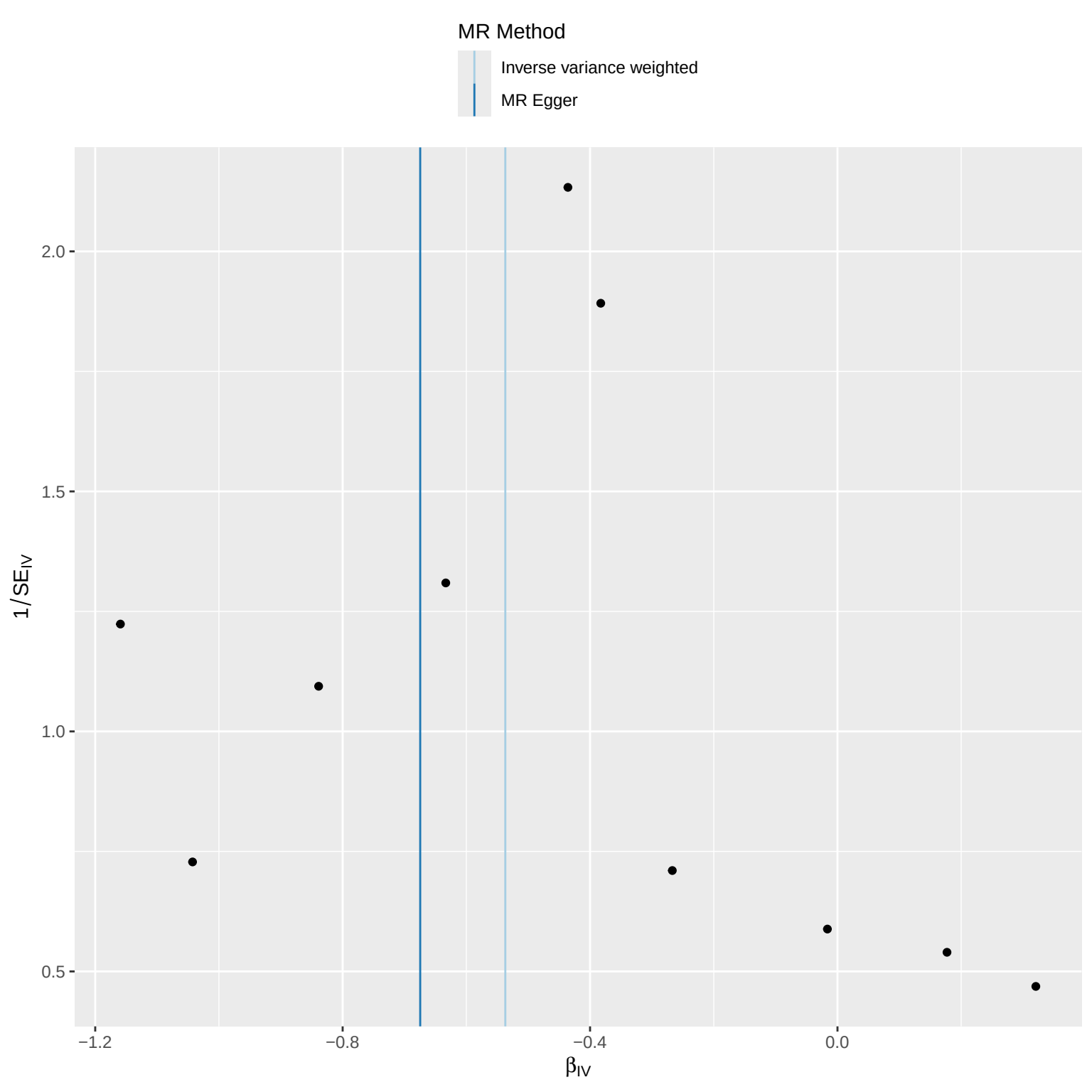

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1/SE_IV
−1
0
1
β_IV

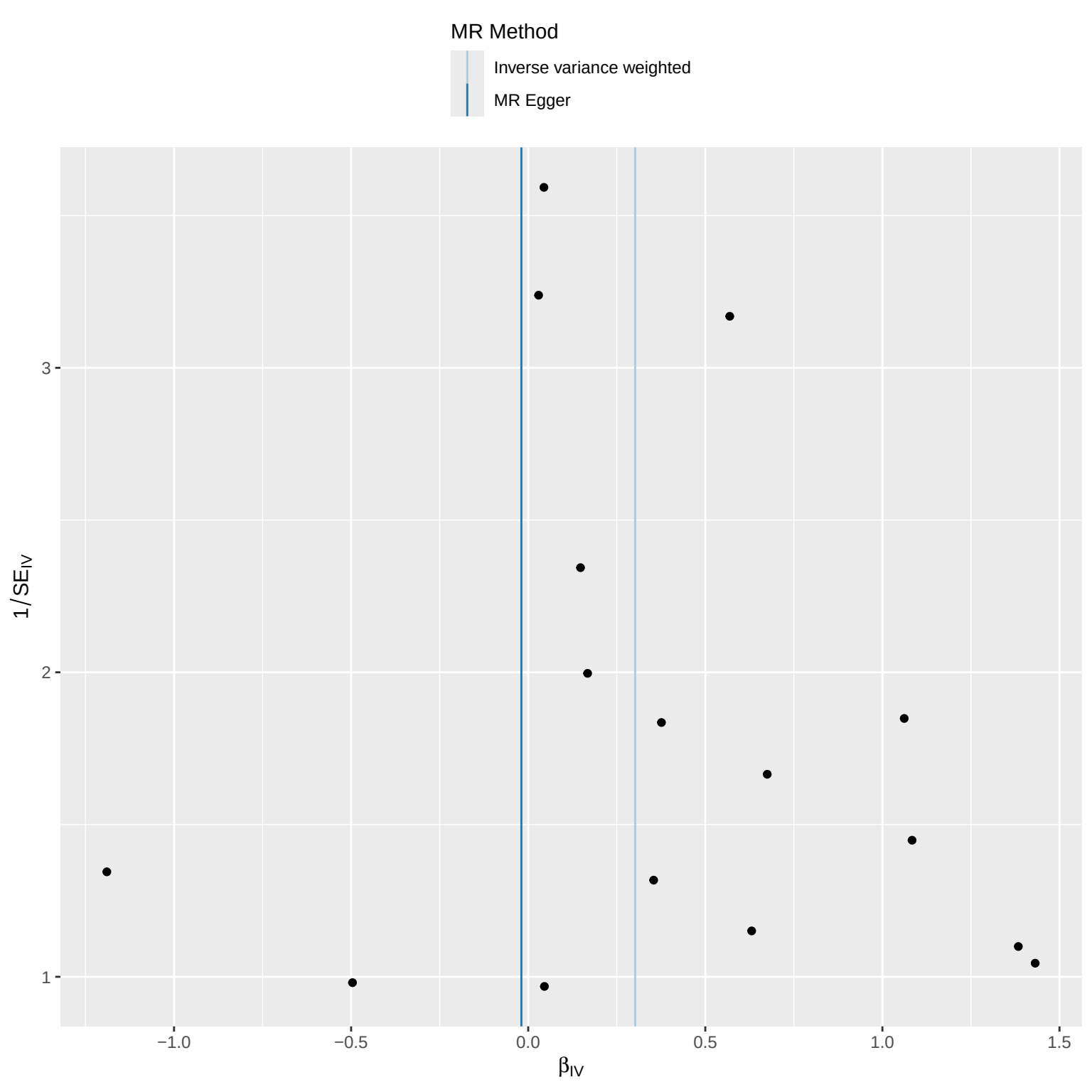

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
0
1
β_IV

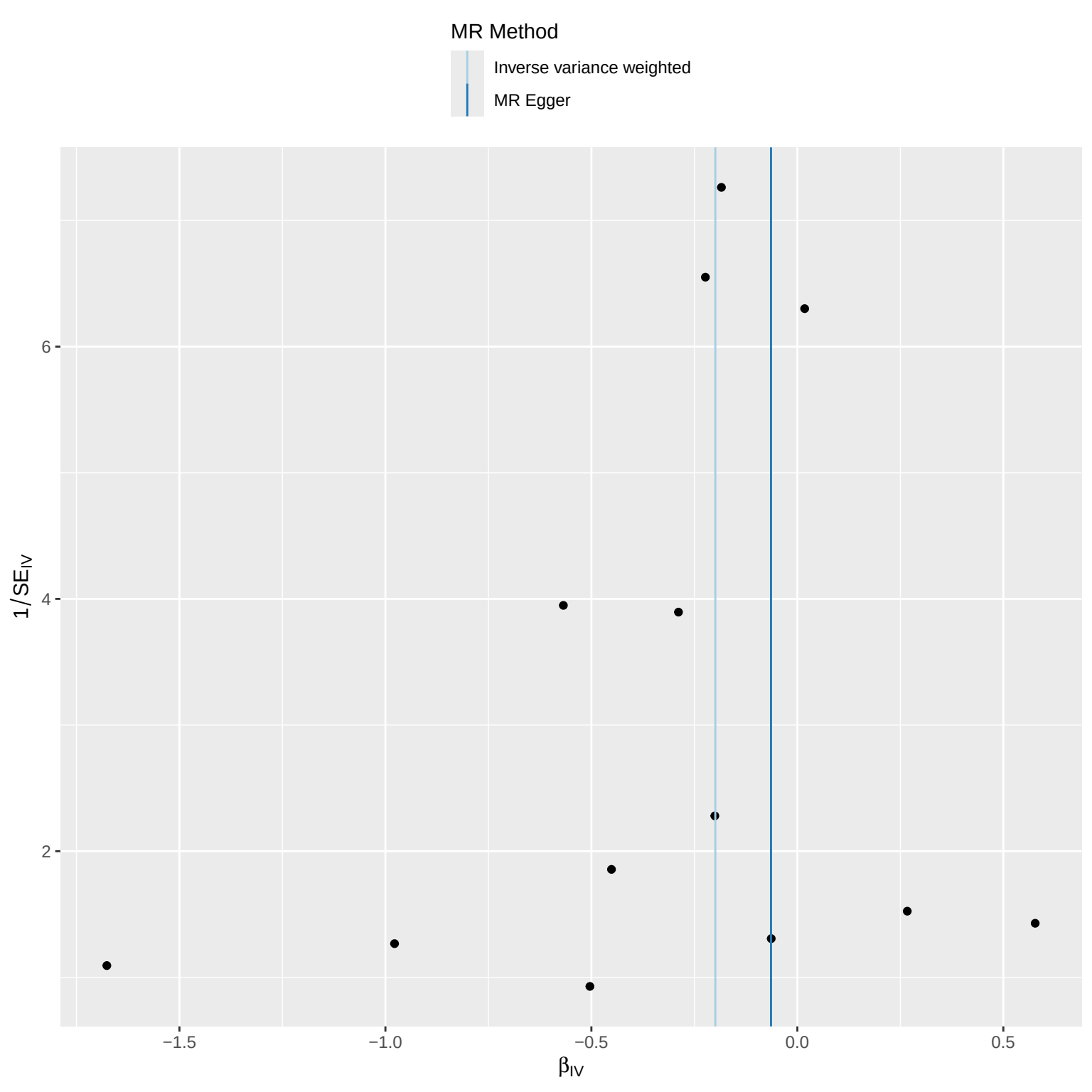

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

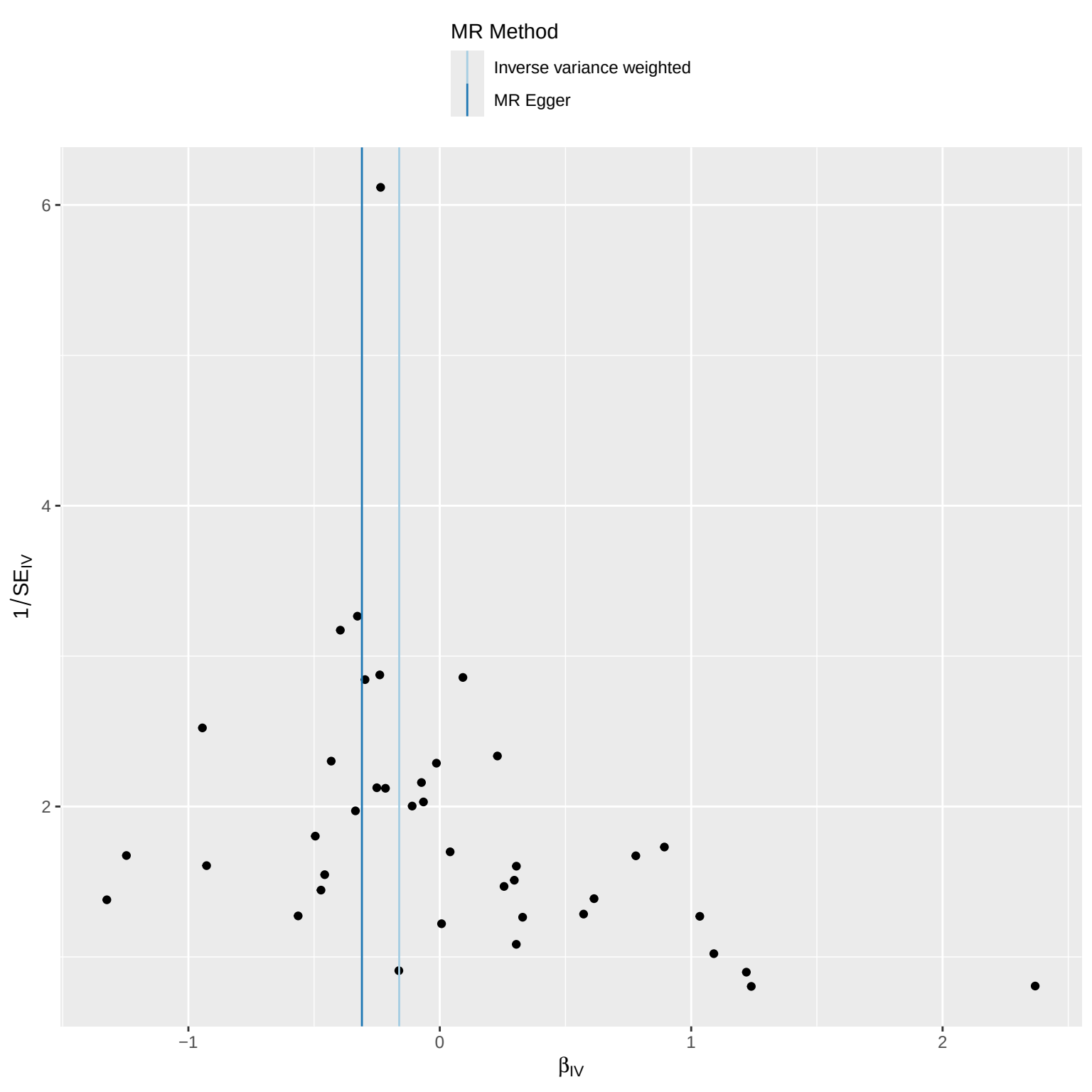

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

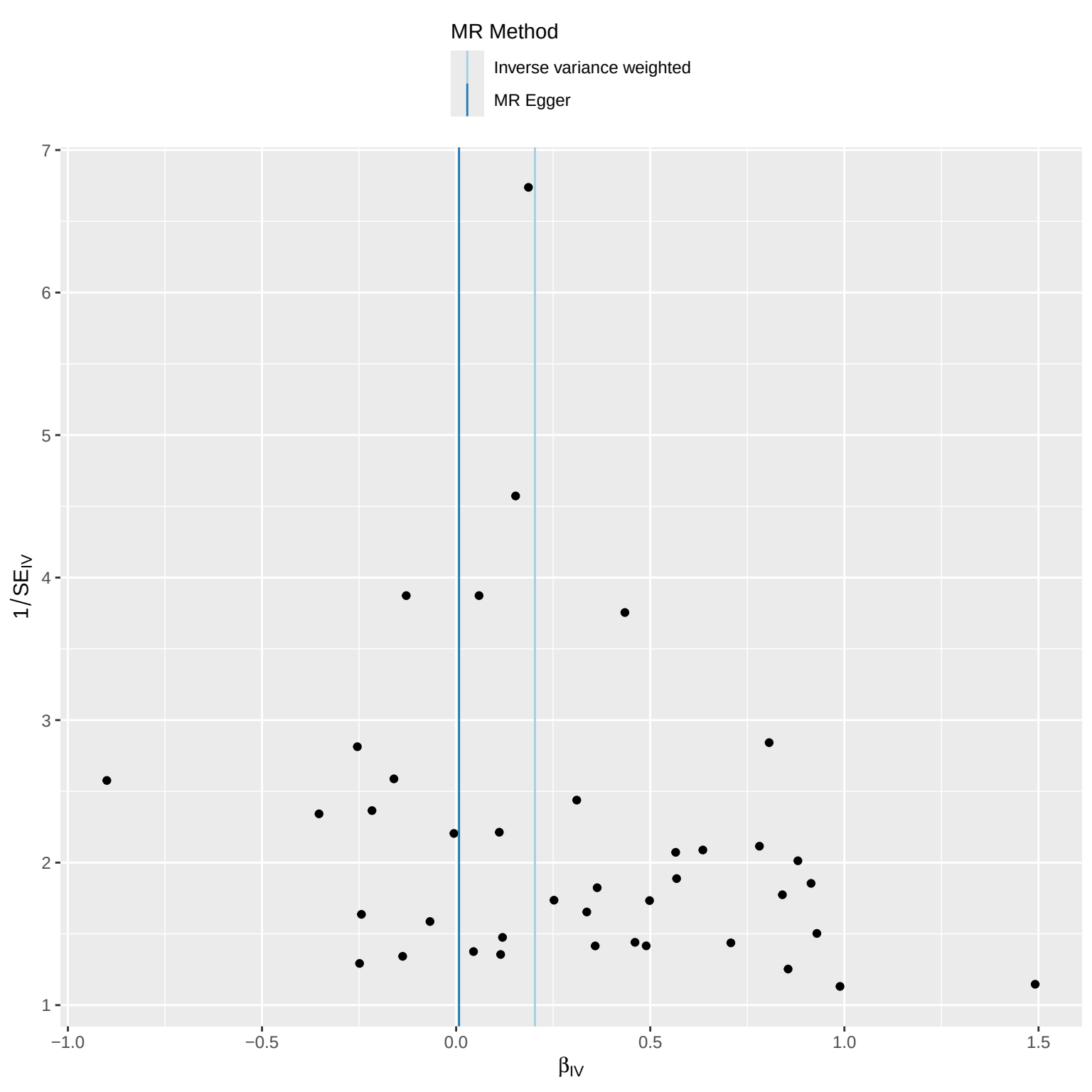

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
0
2
β_IV

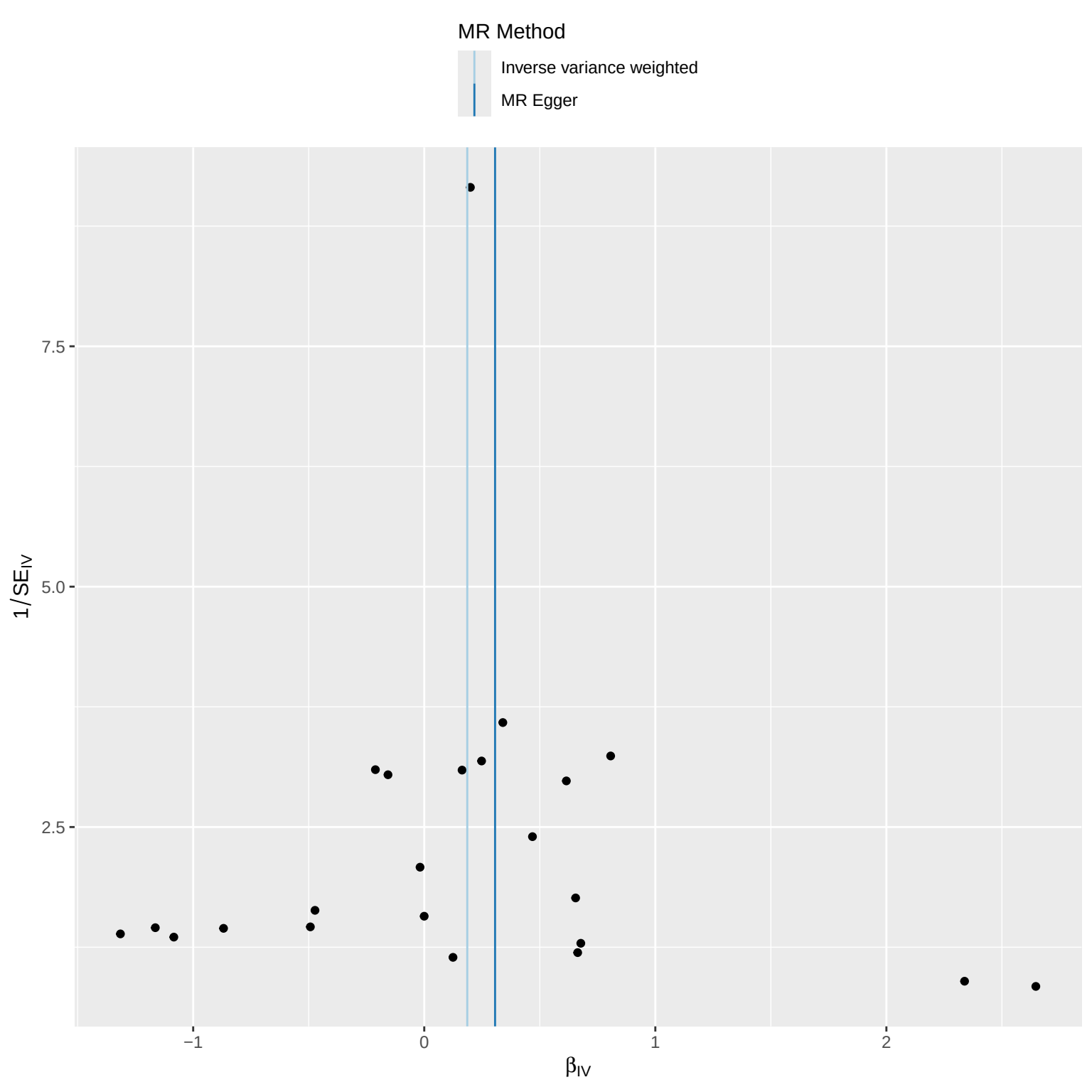

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

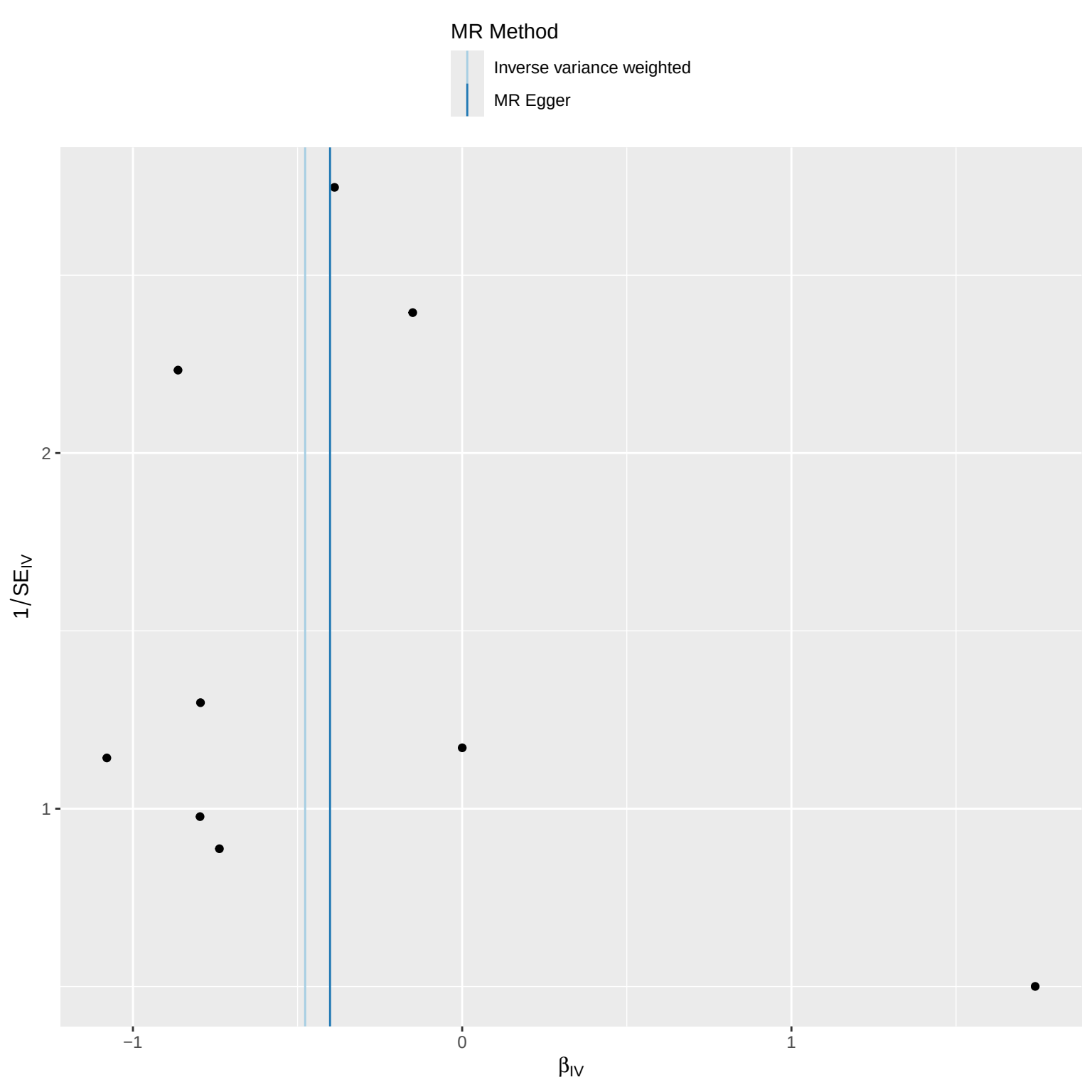

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

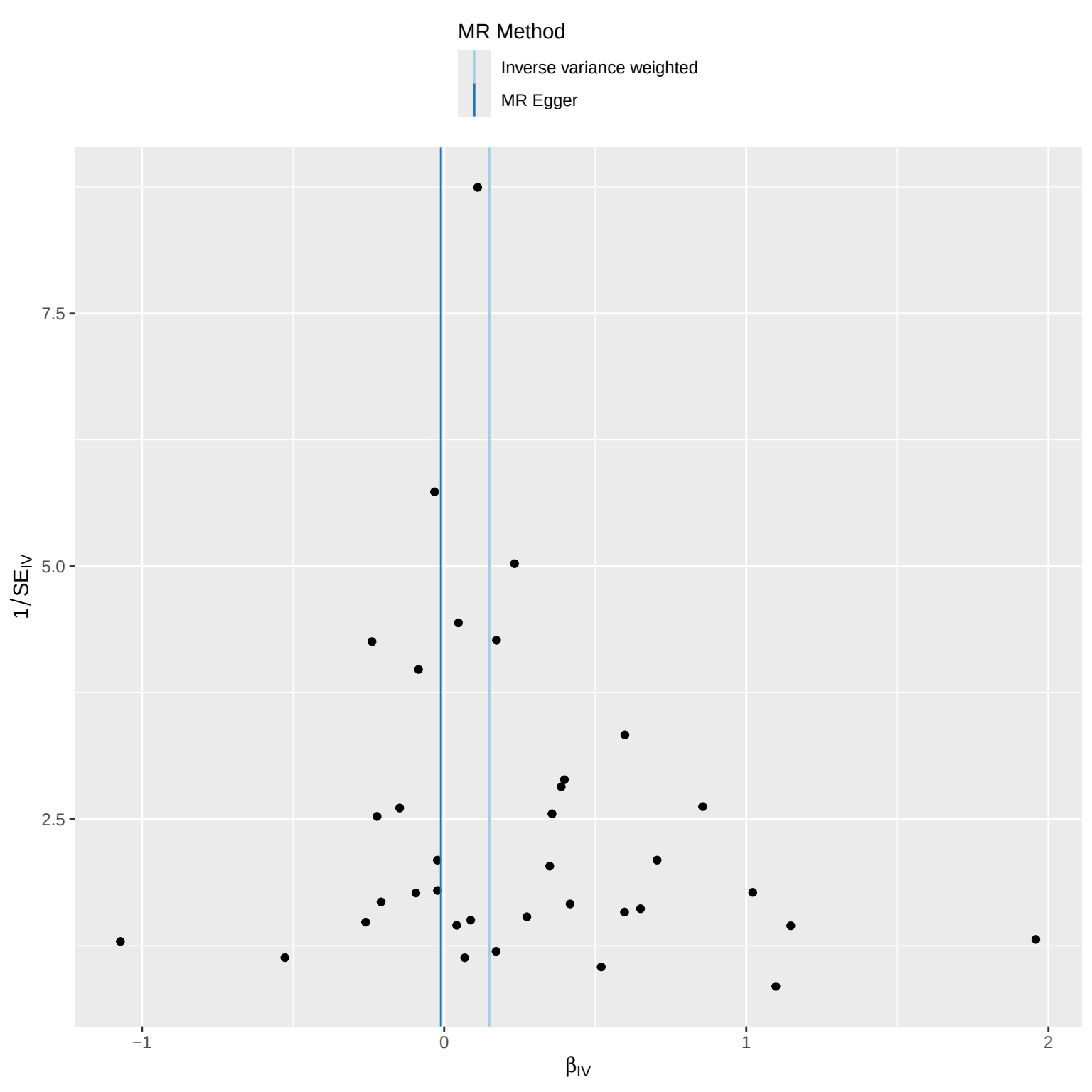

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

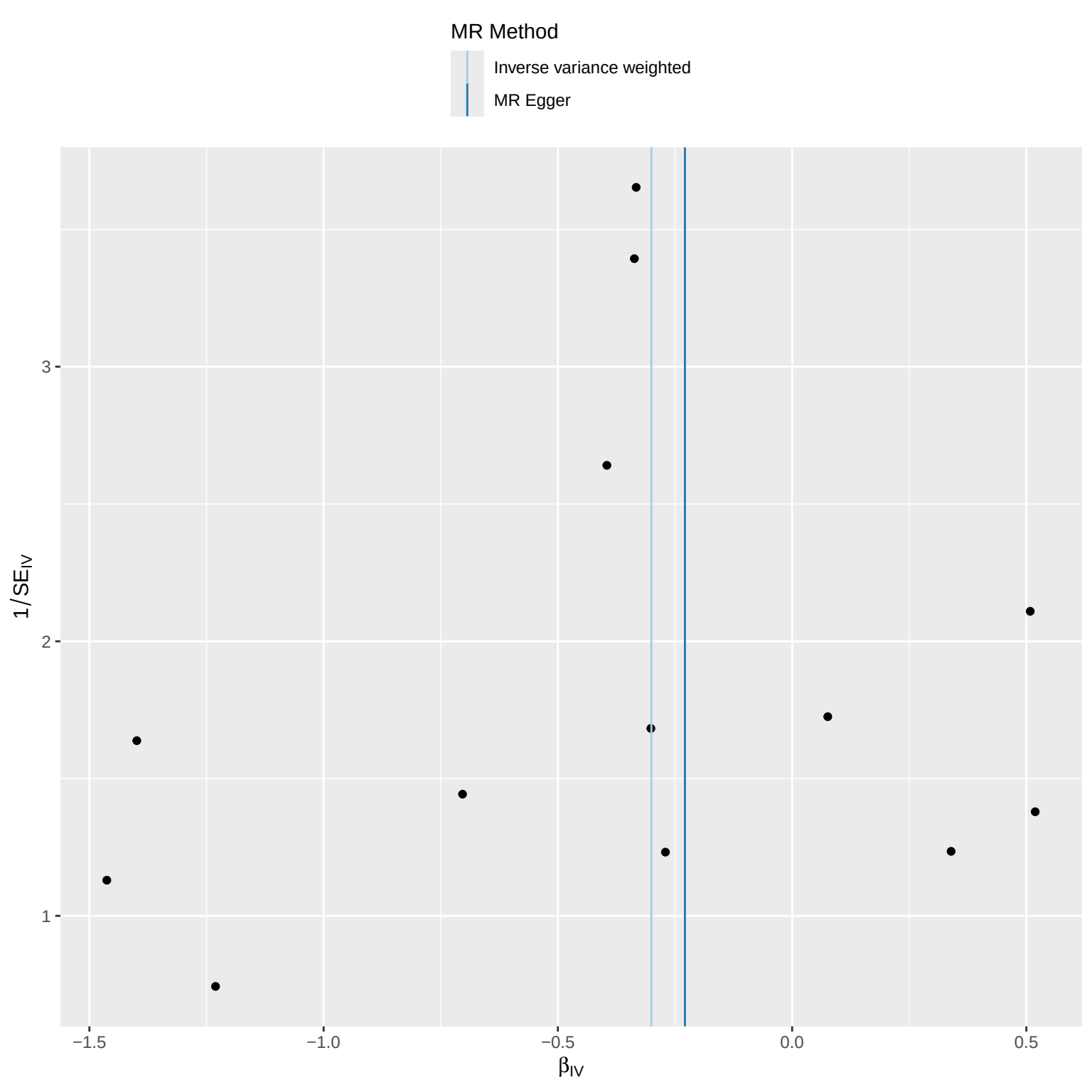

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

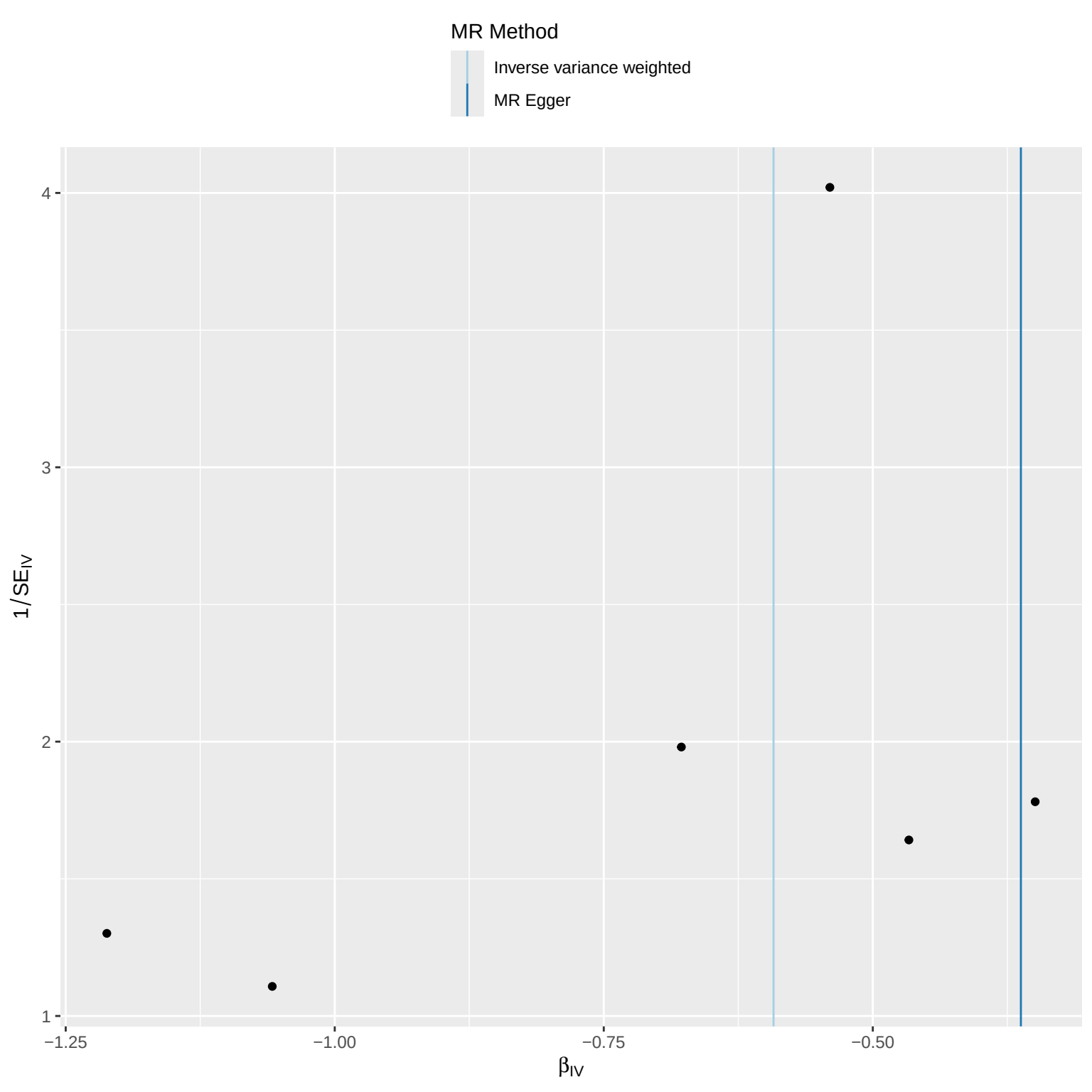

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

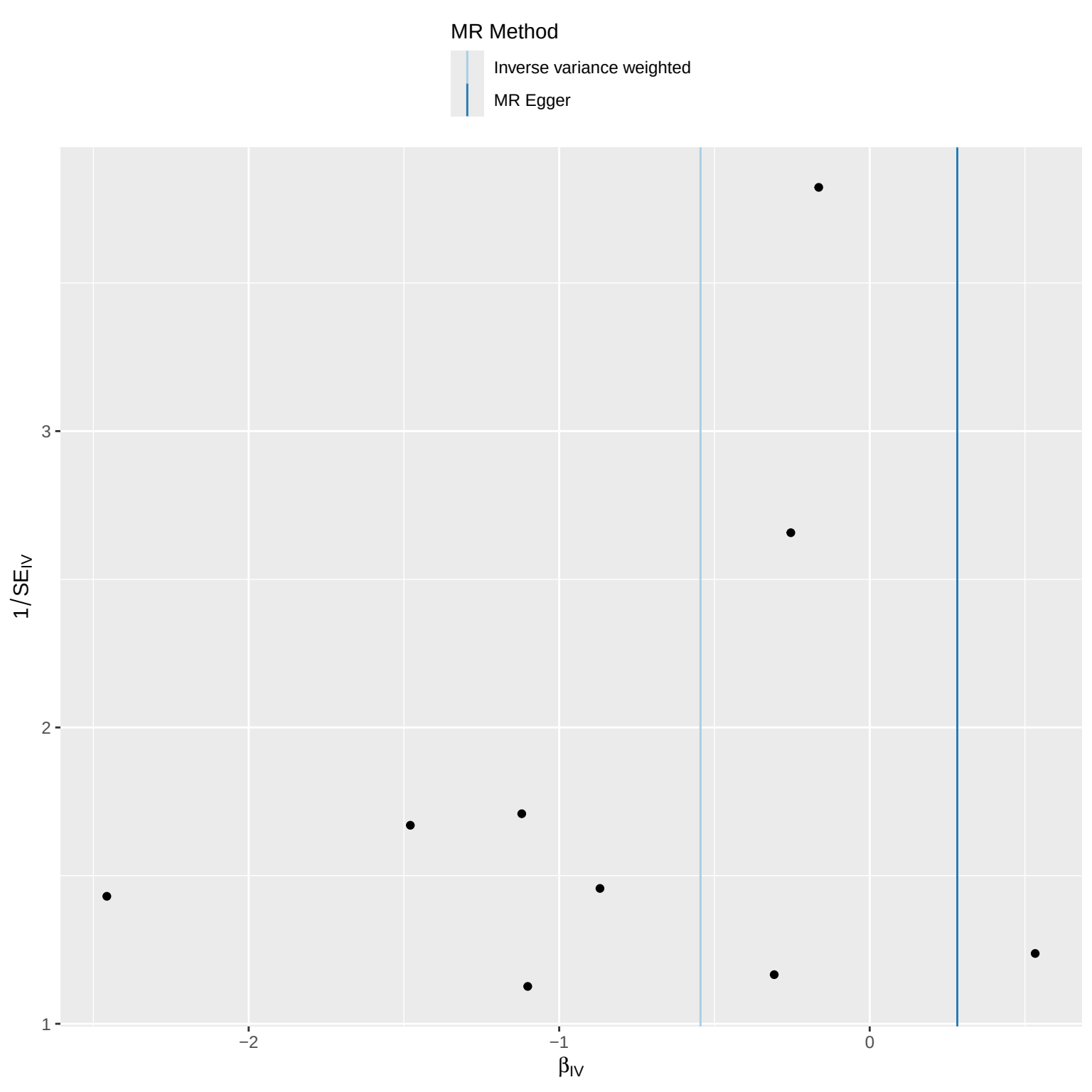

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

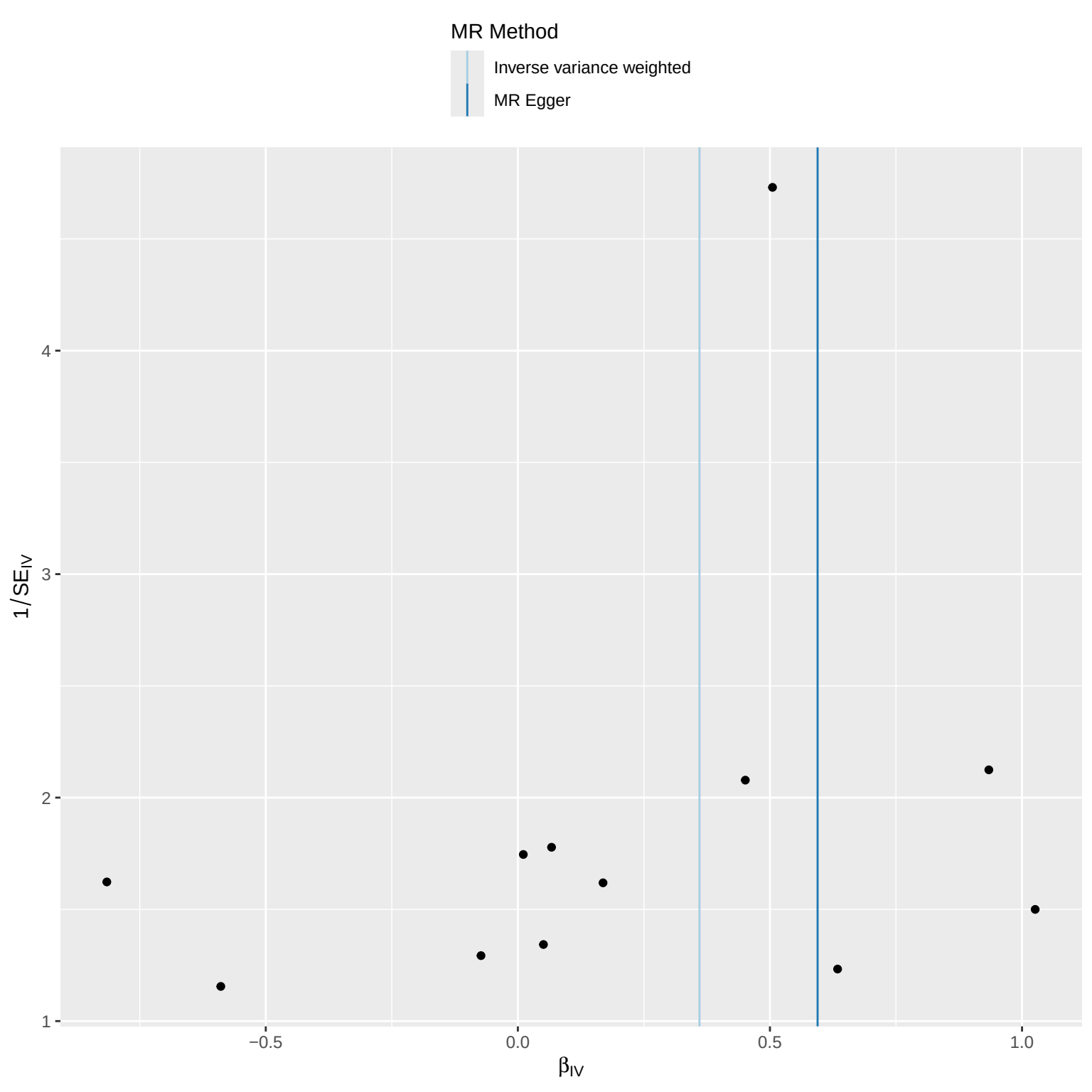

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
β_IV

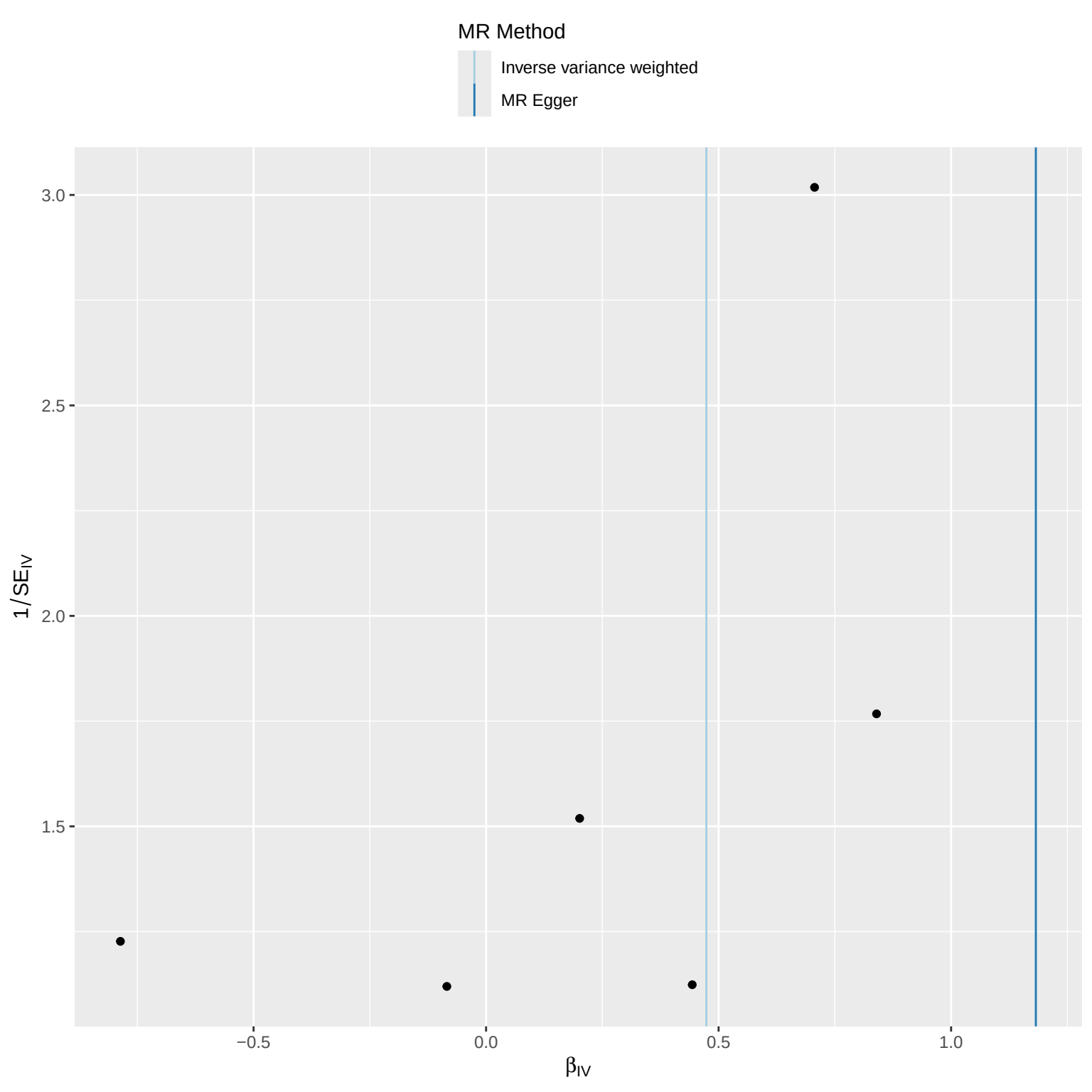

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

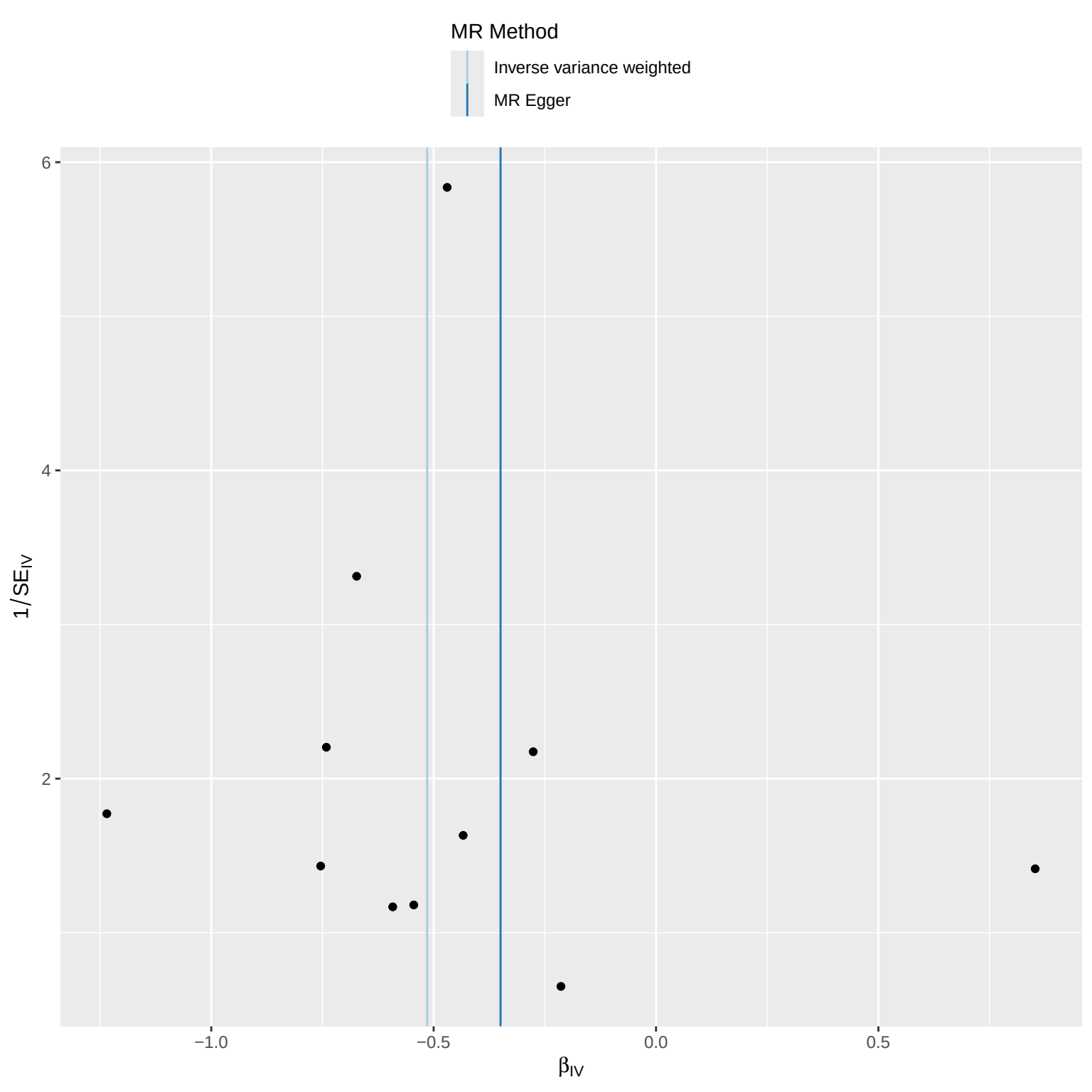

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

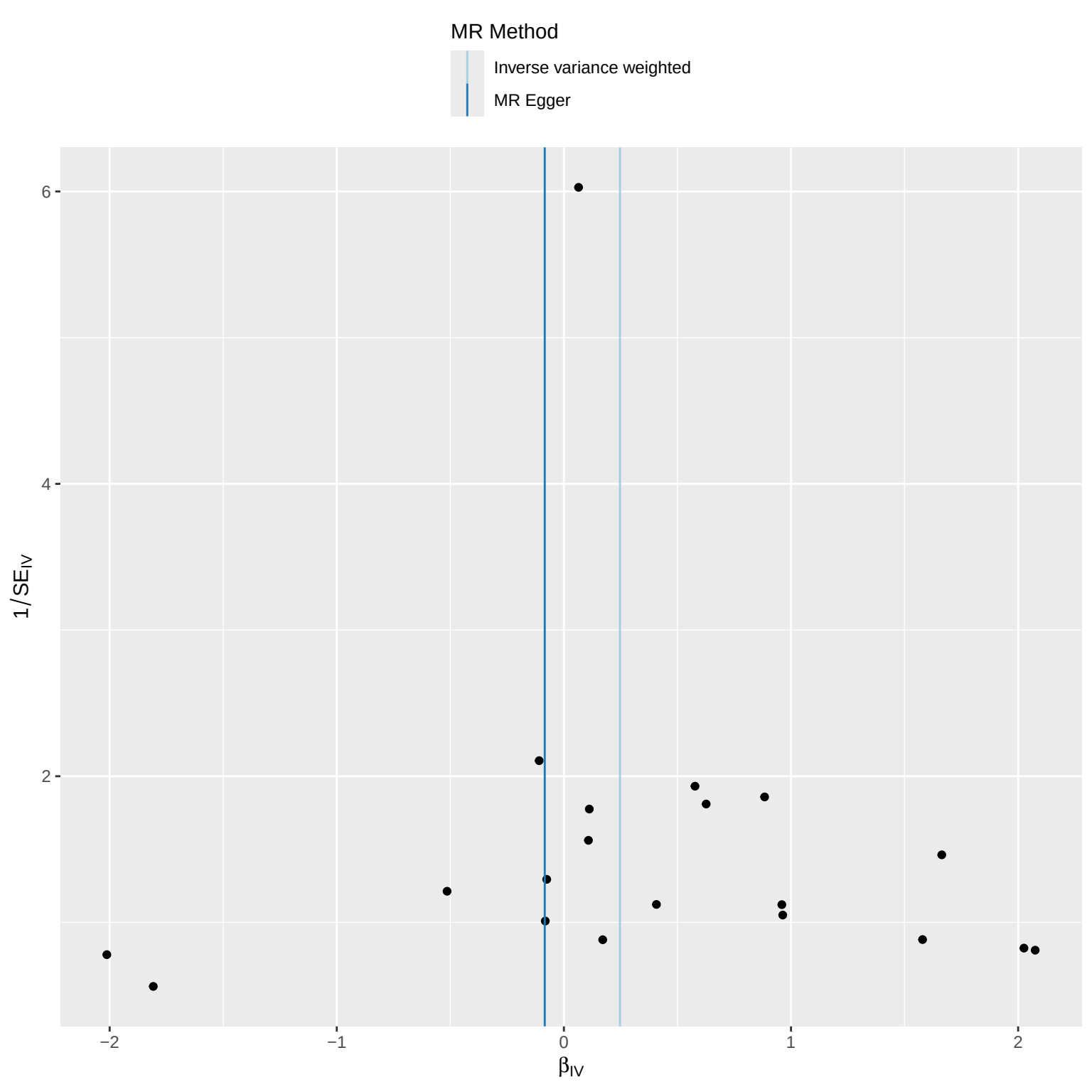

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.25
−1.00
−0.75
−0.50
β_IV

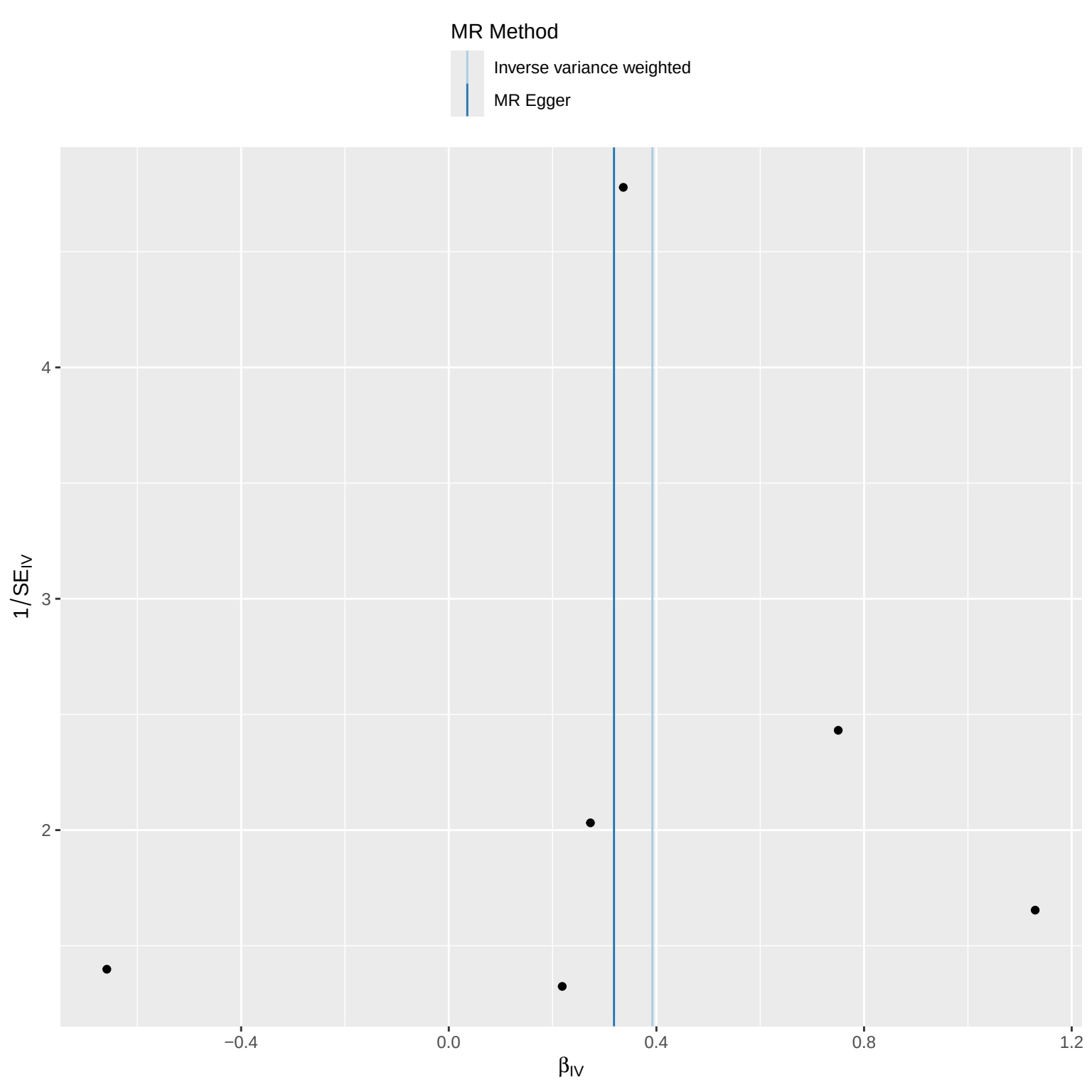

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

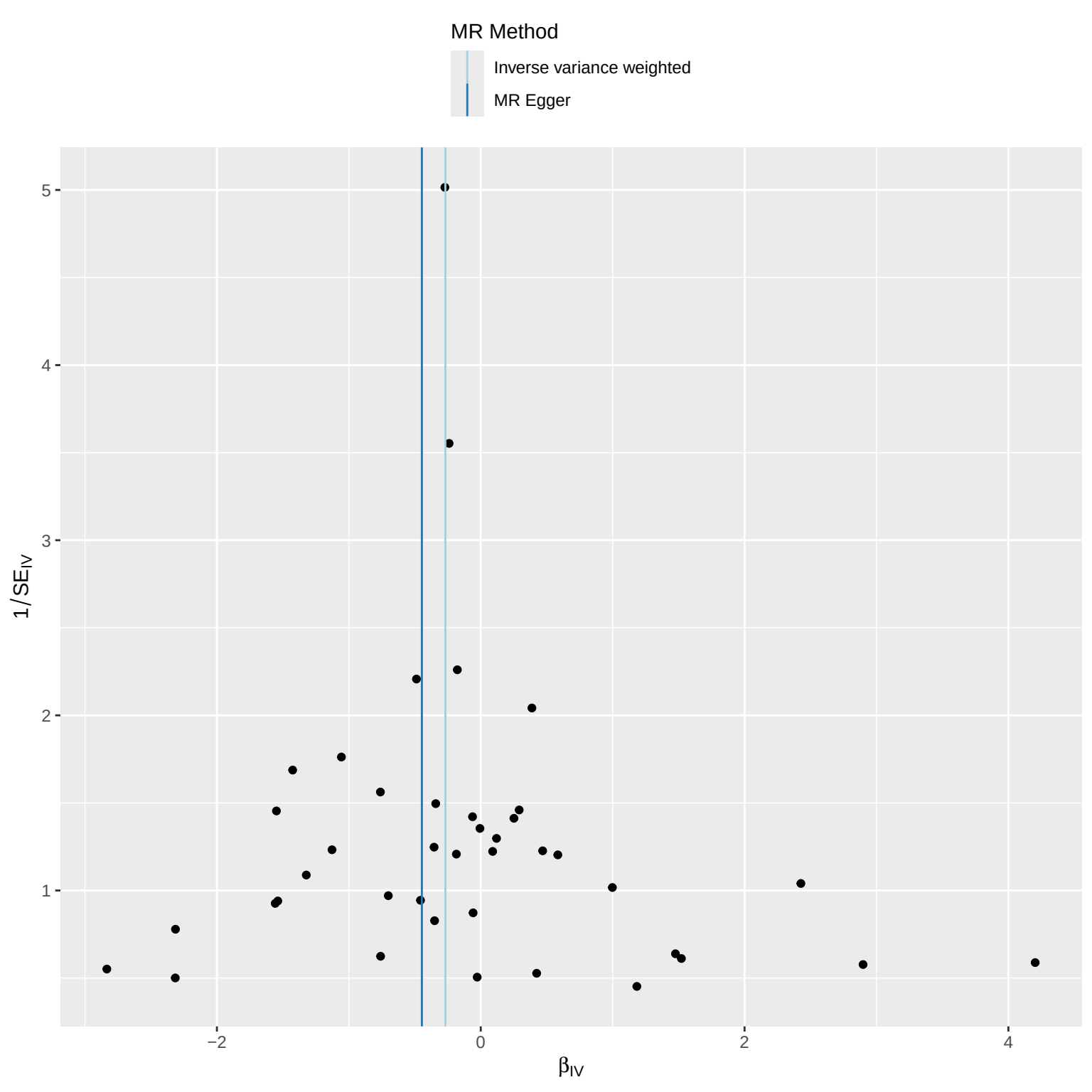

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

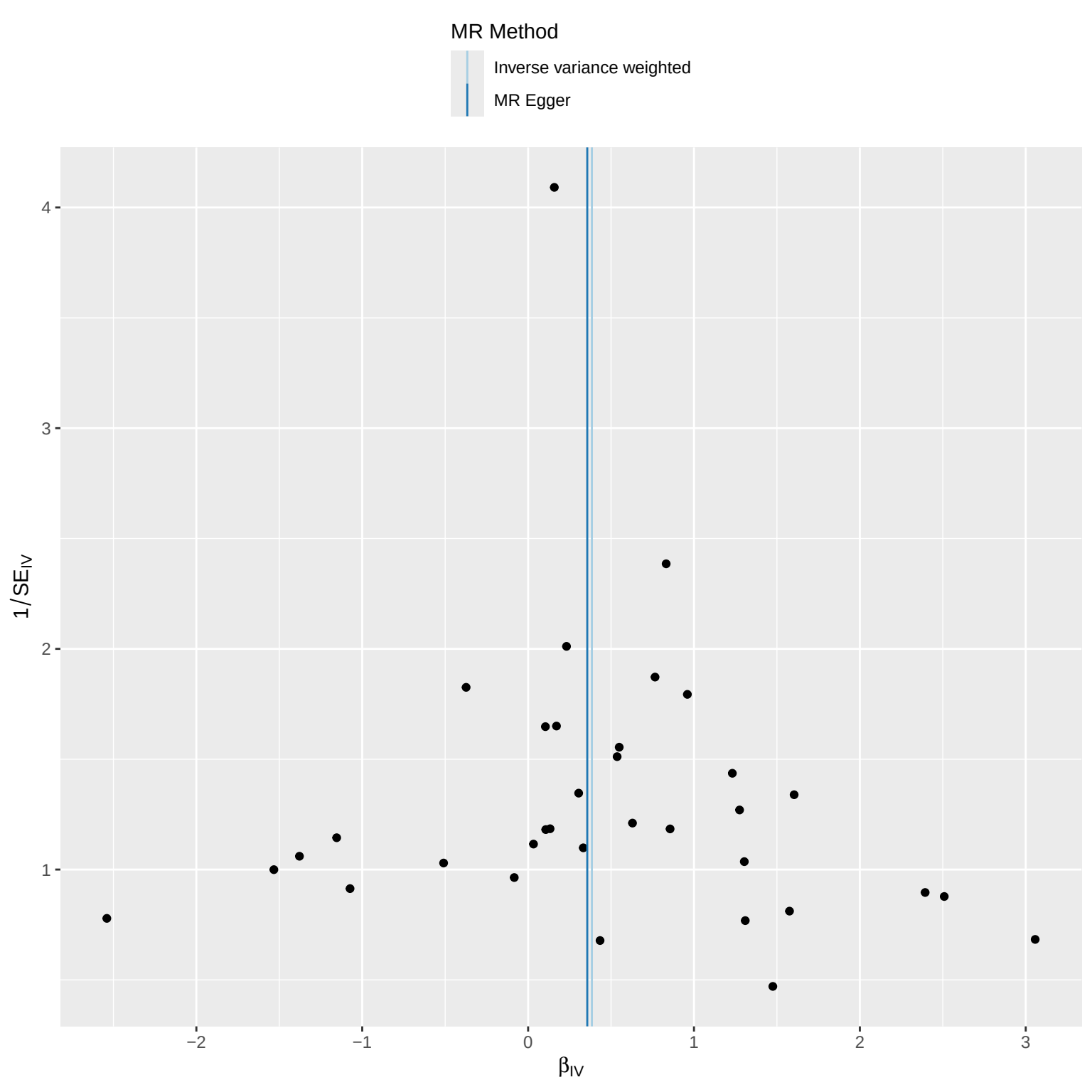

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

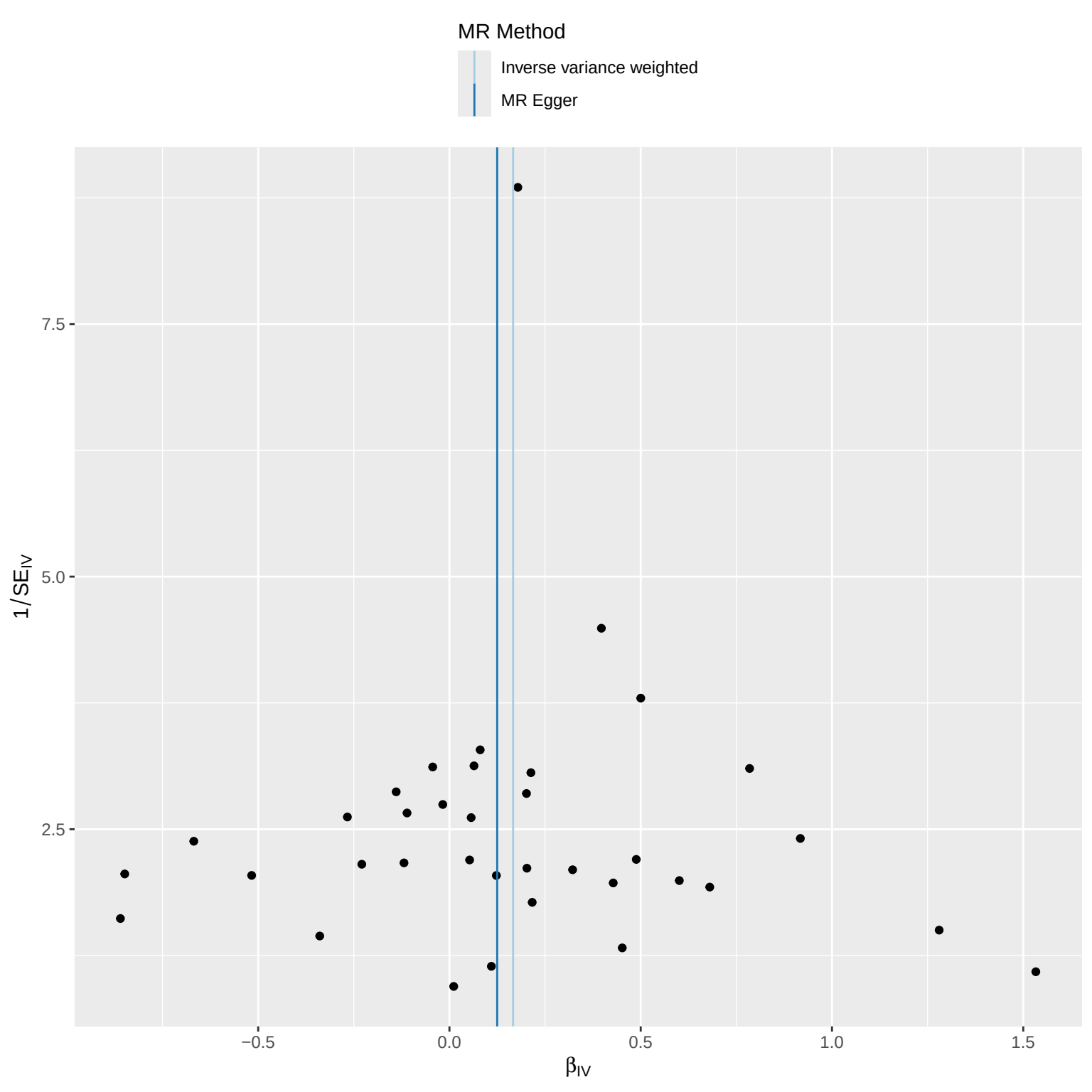

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

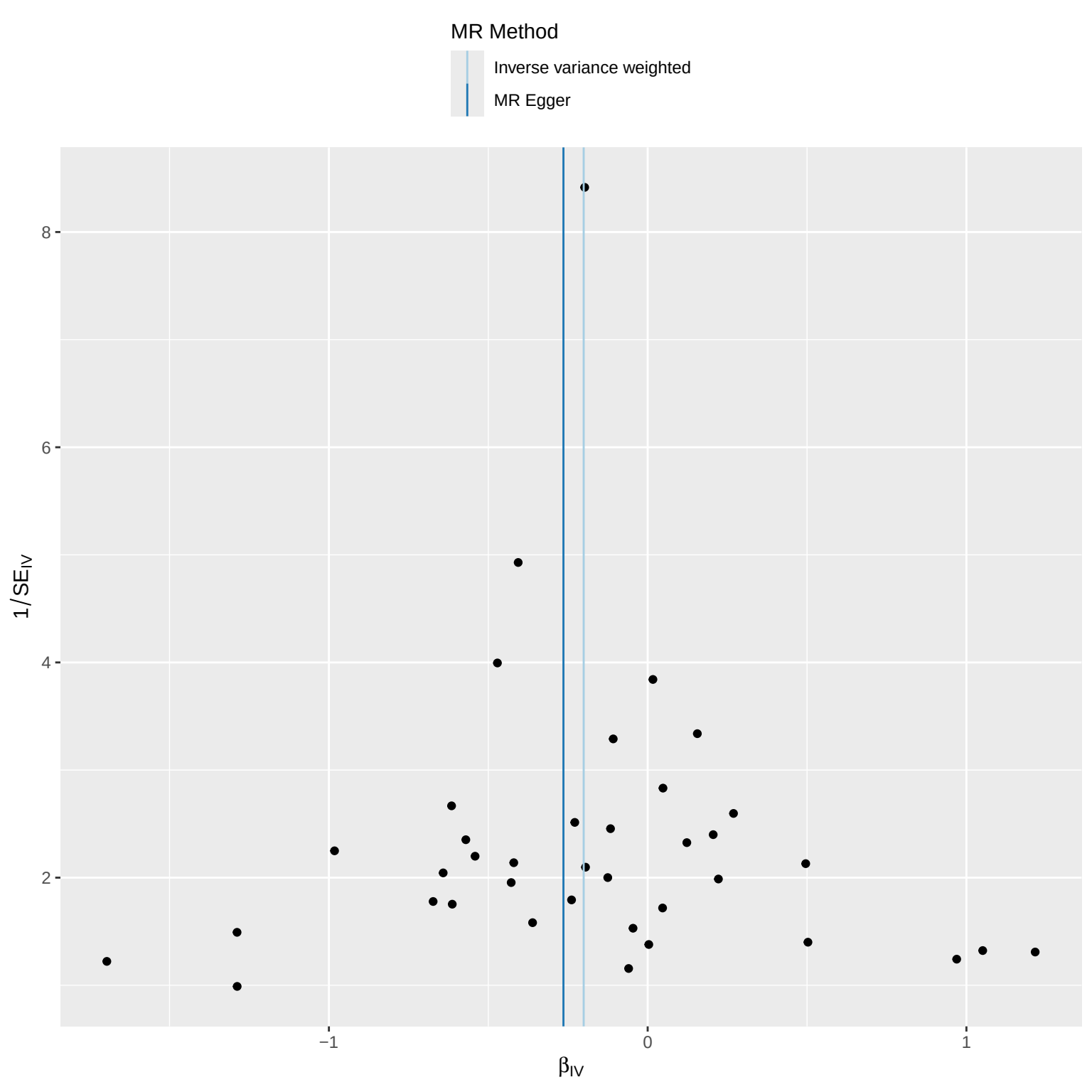

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

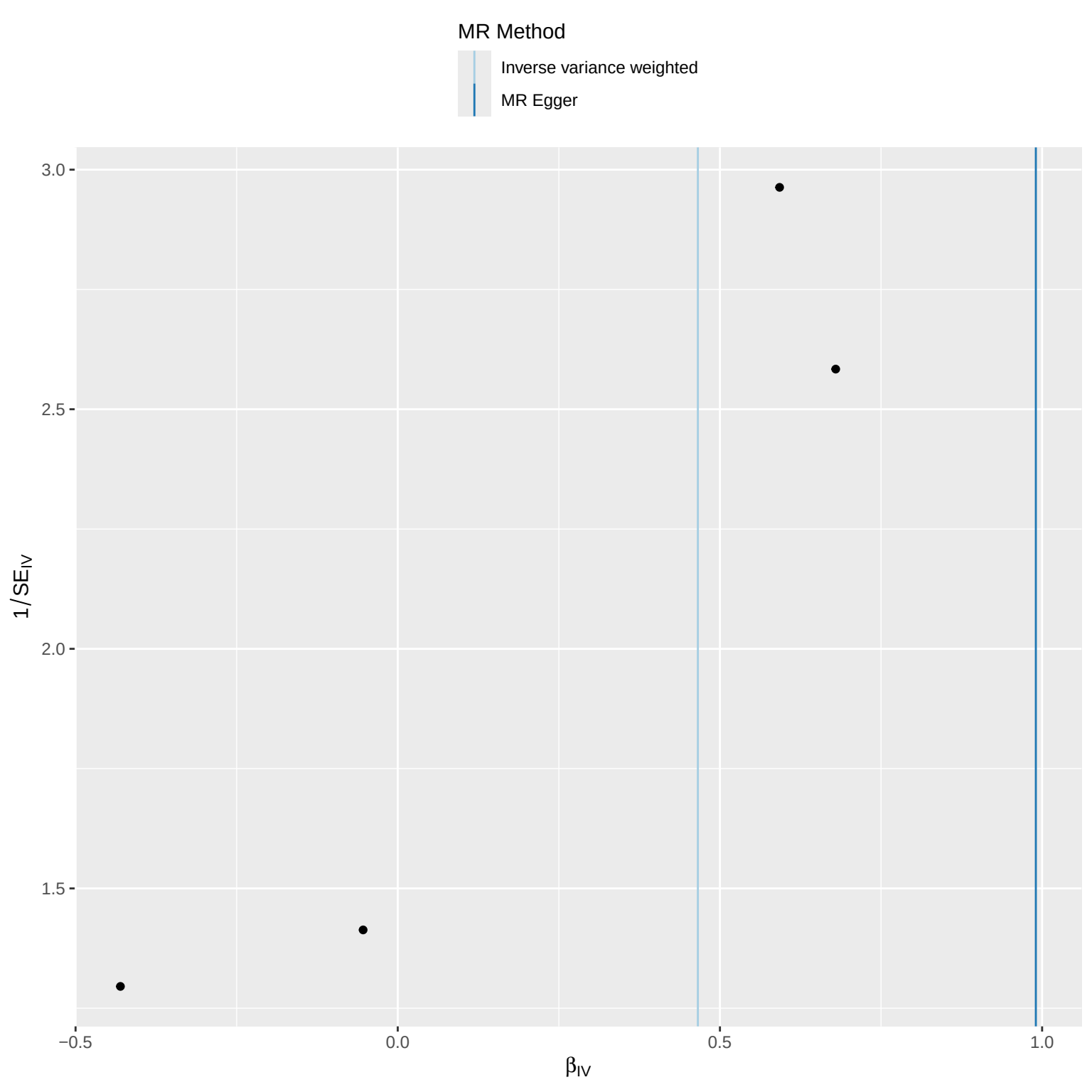

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.4
0.0
0.4
0.8
1.2
β_IV

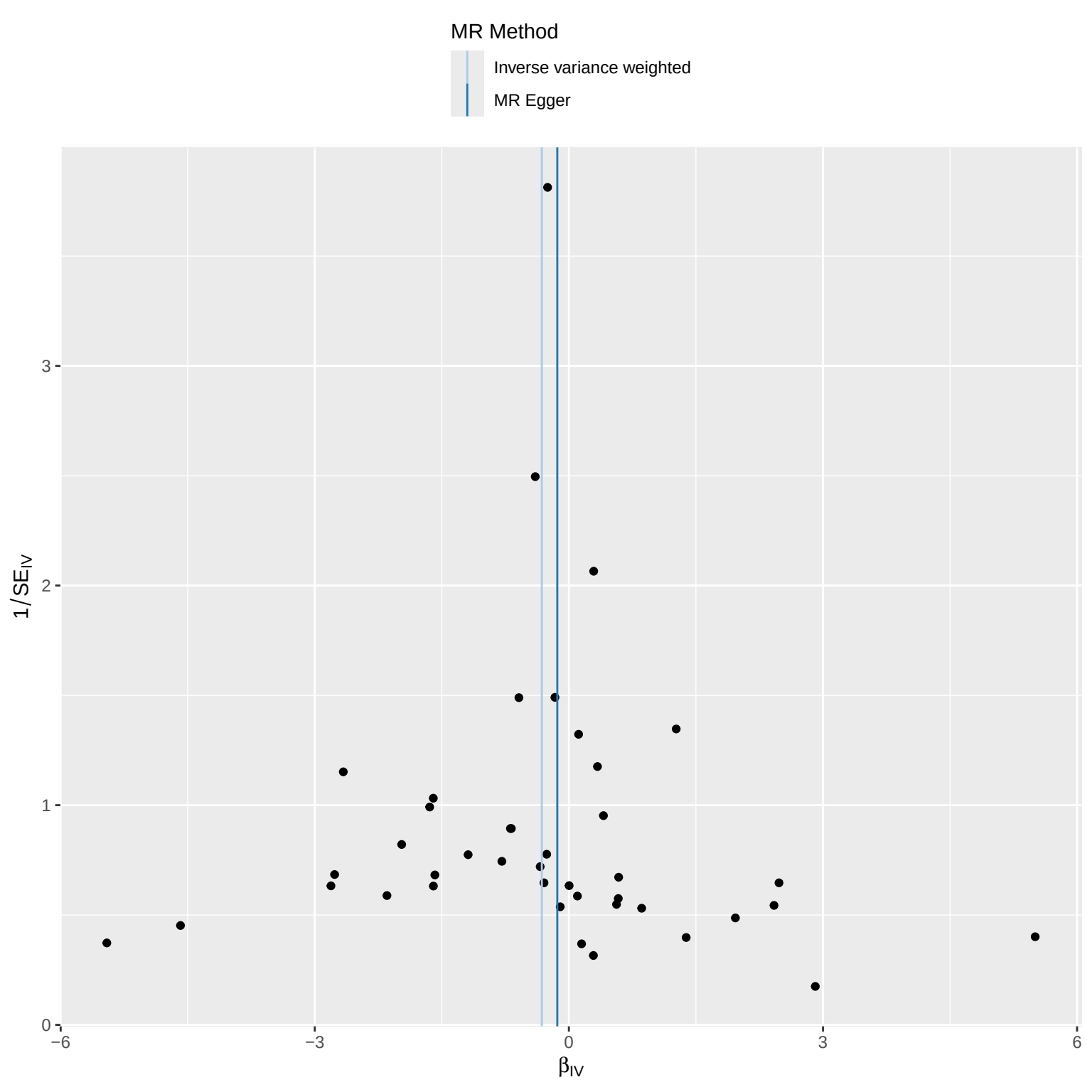

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

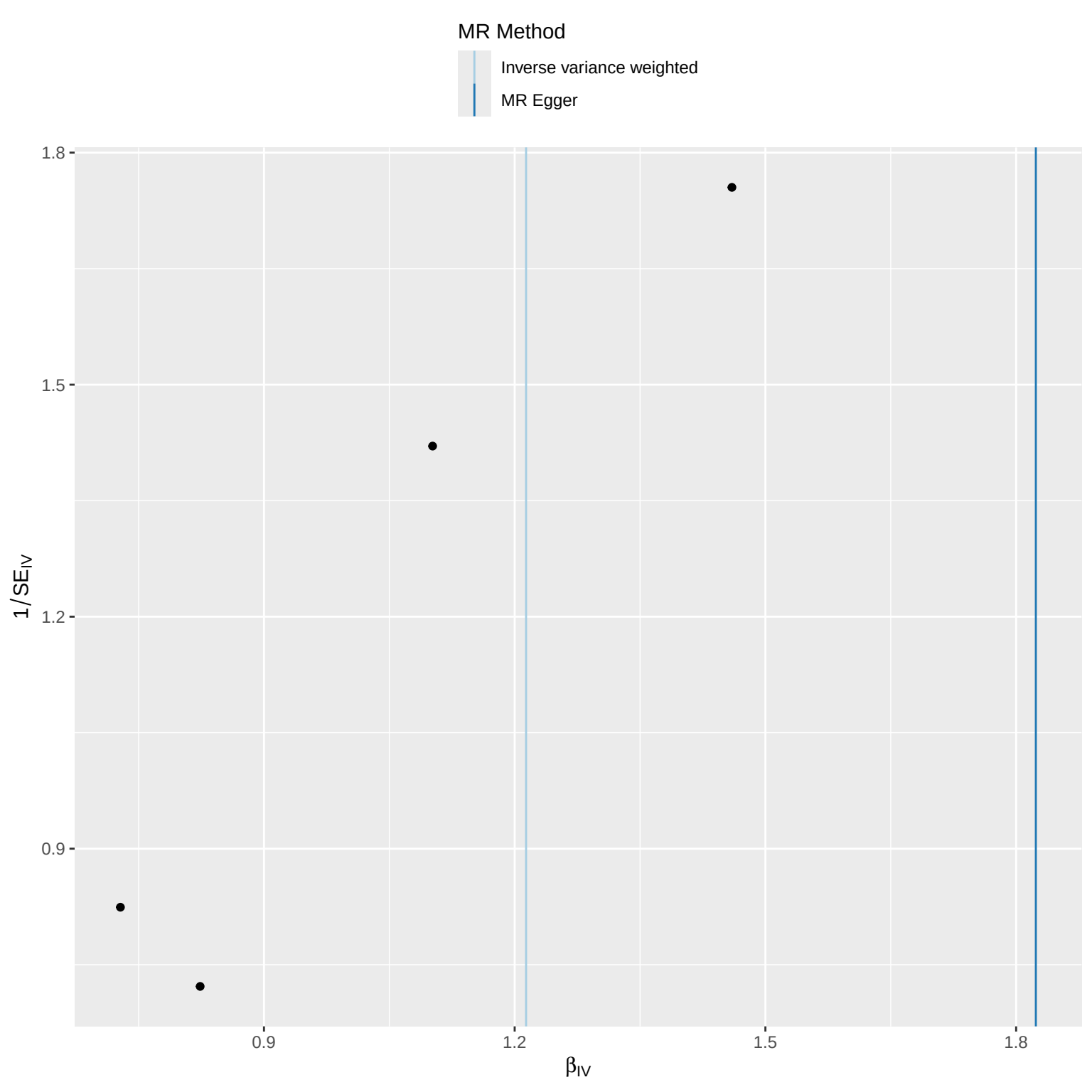

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

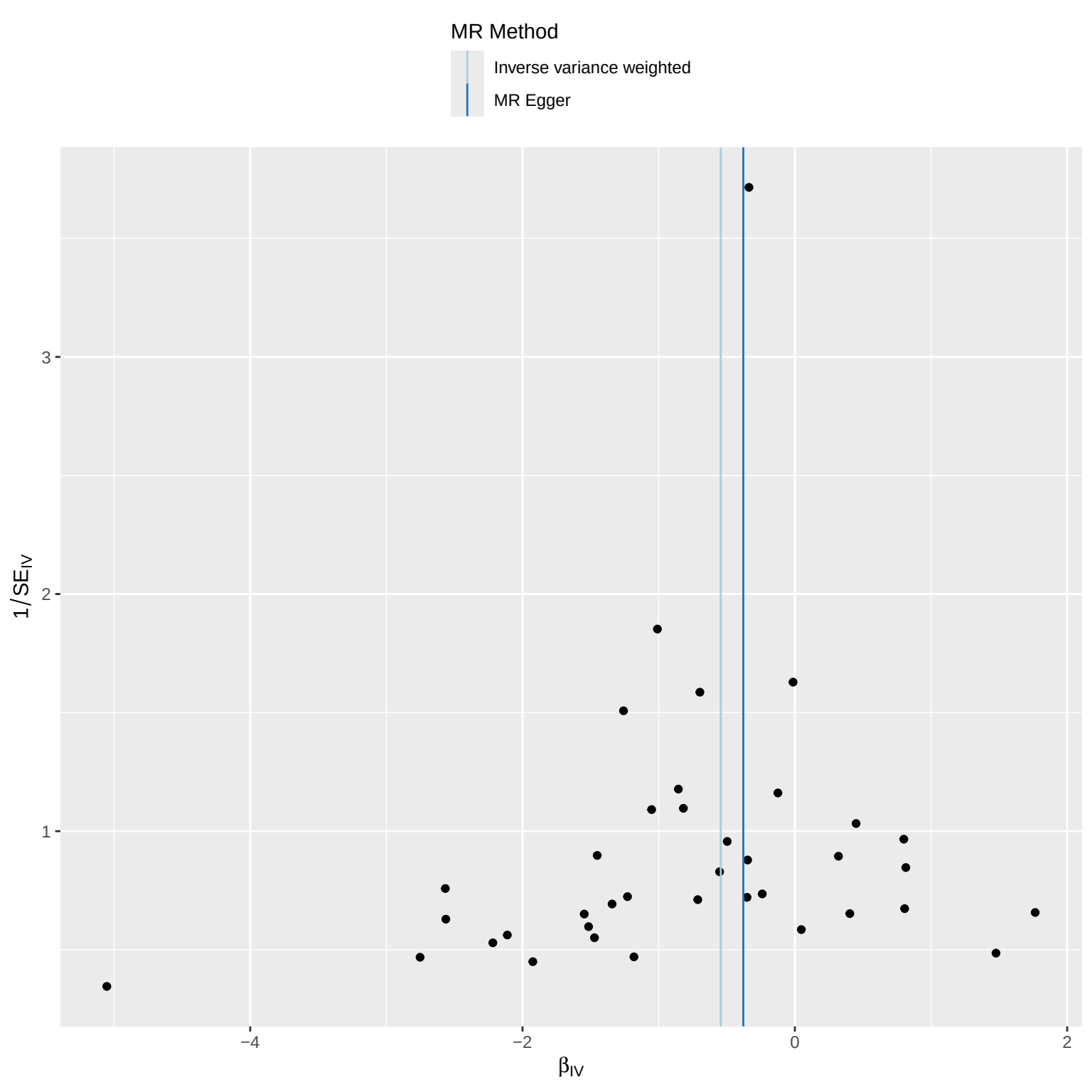

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

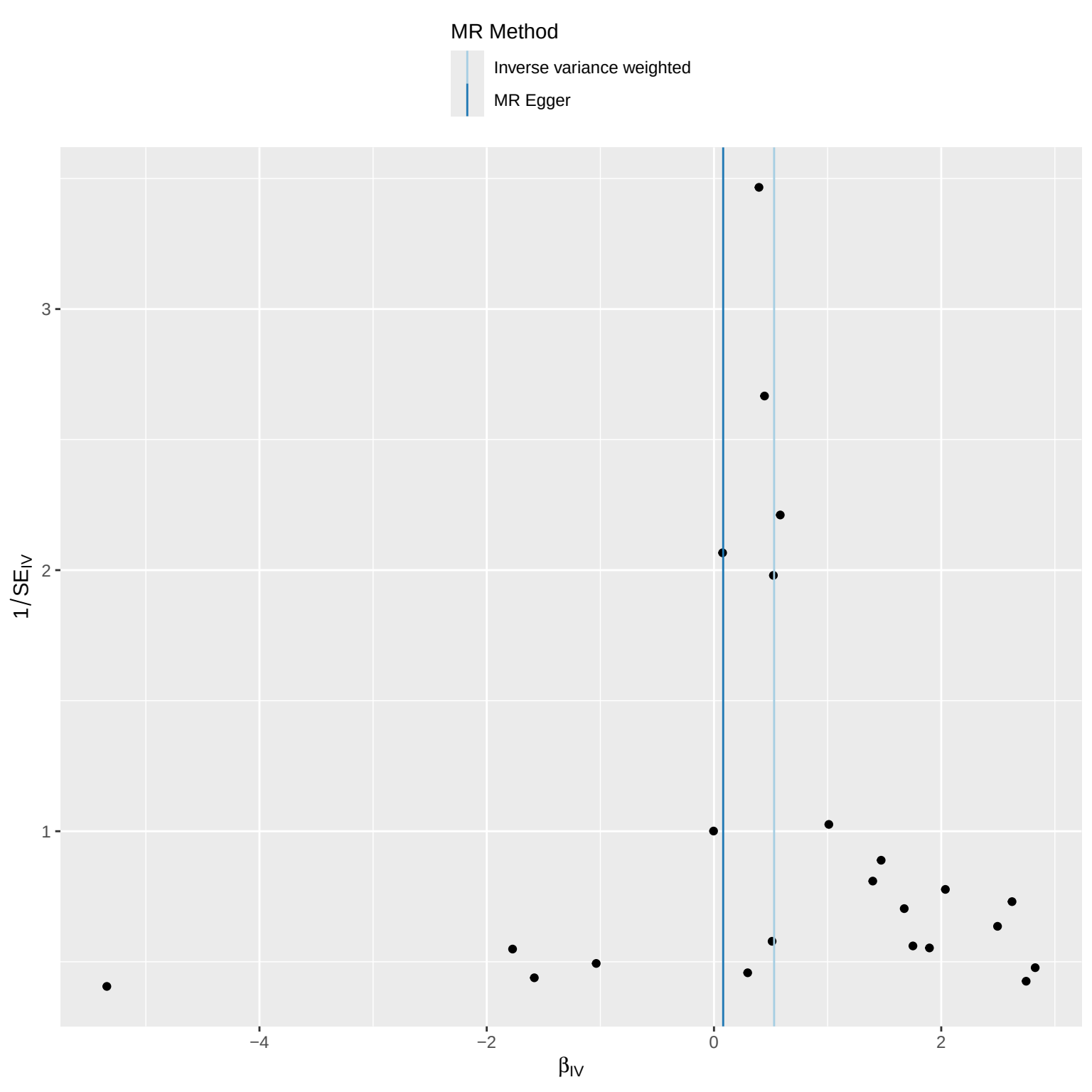

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

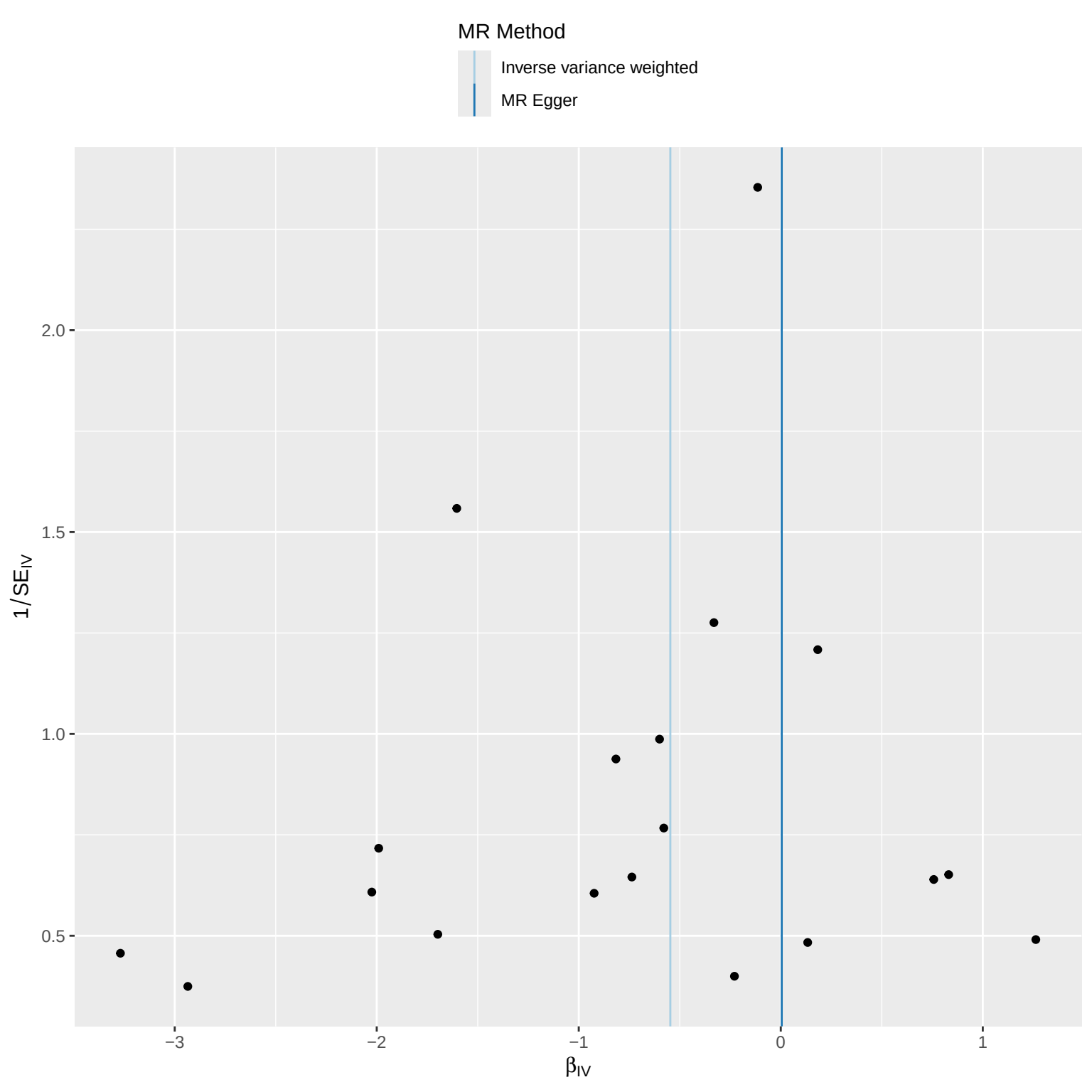

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

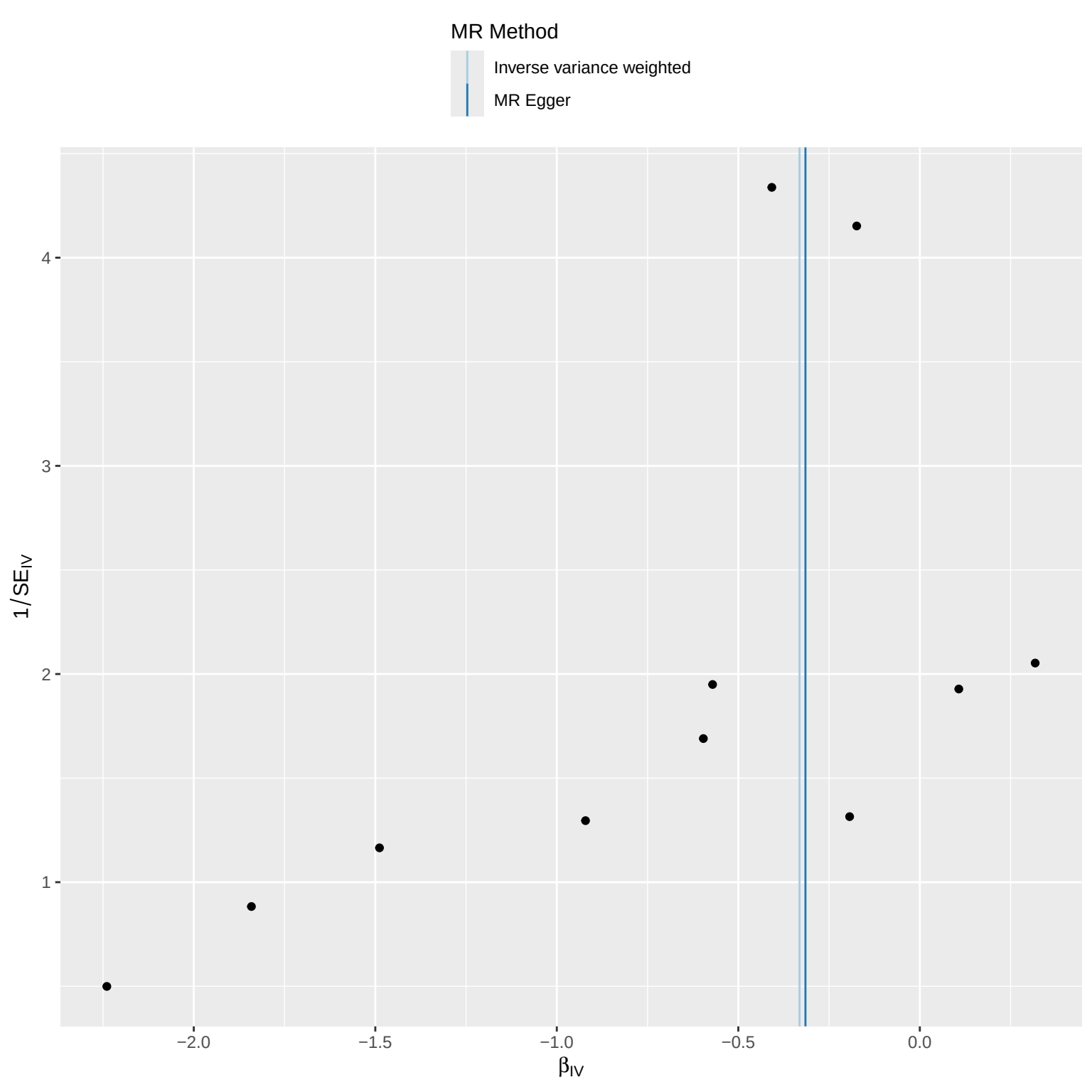

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
0
1
2
3
−6
−3
0
3
6

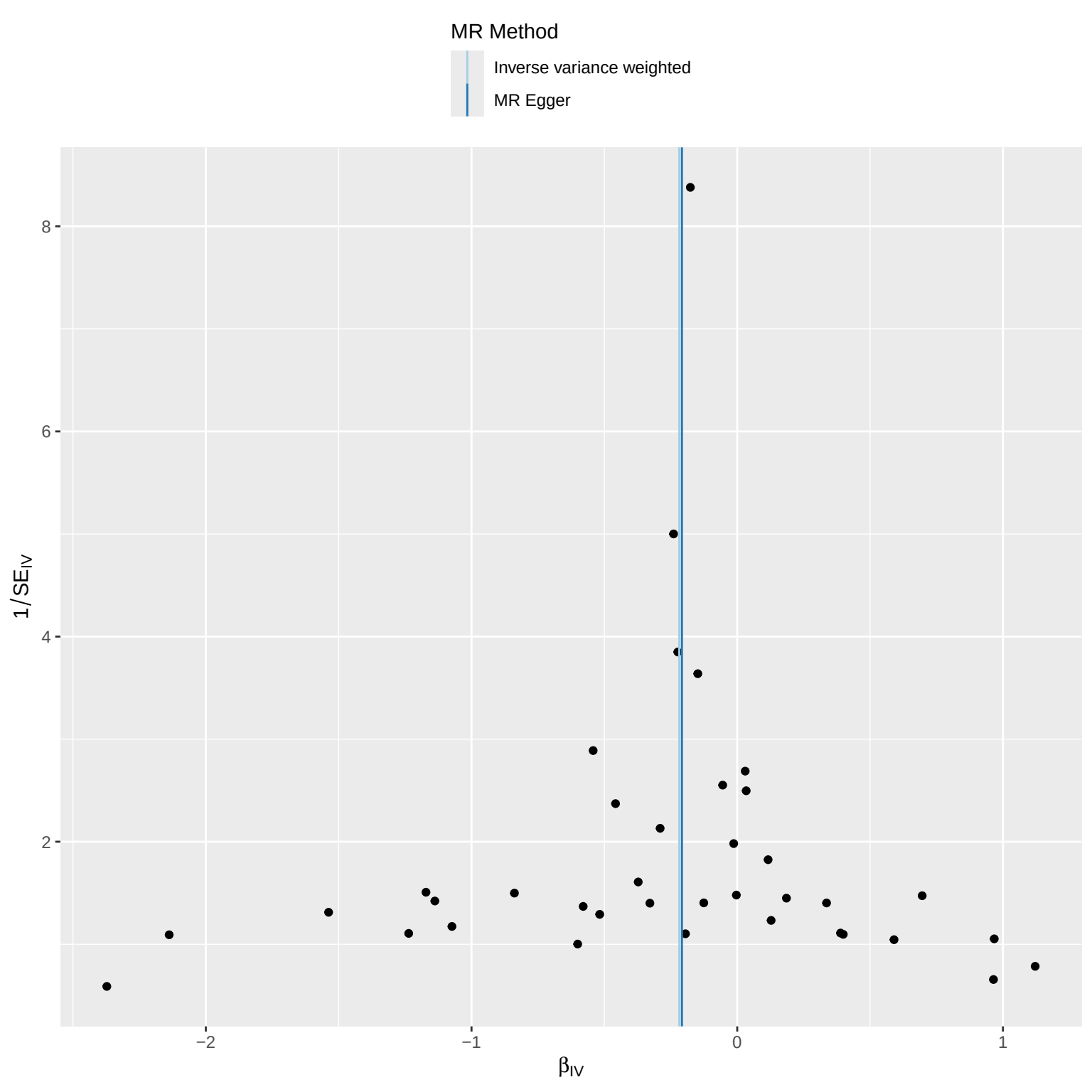

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
0.9
1.2
1.5
1.8
β_IV

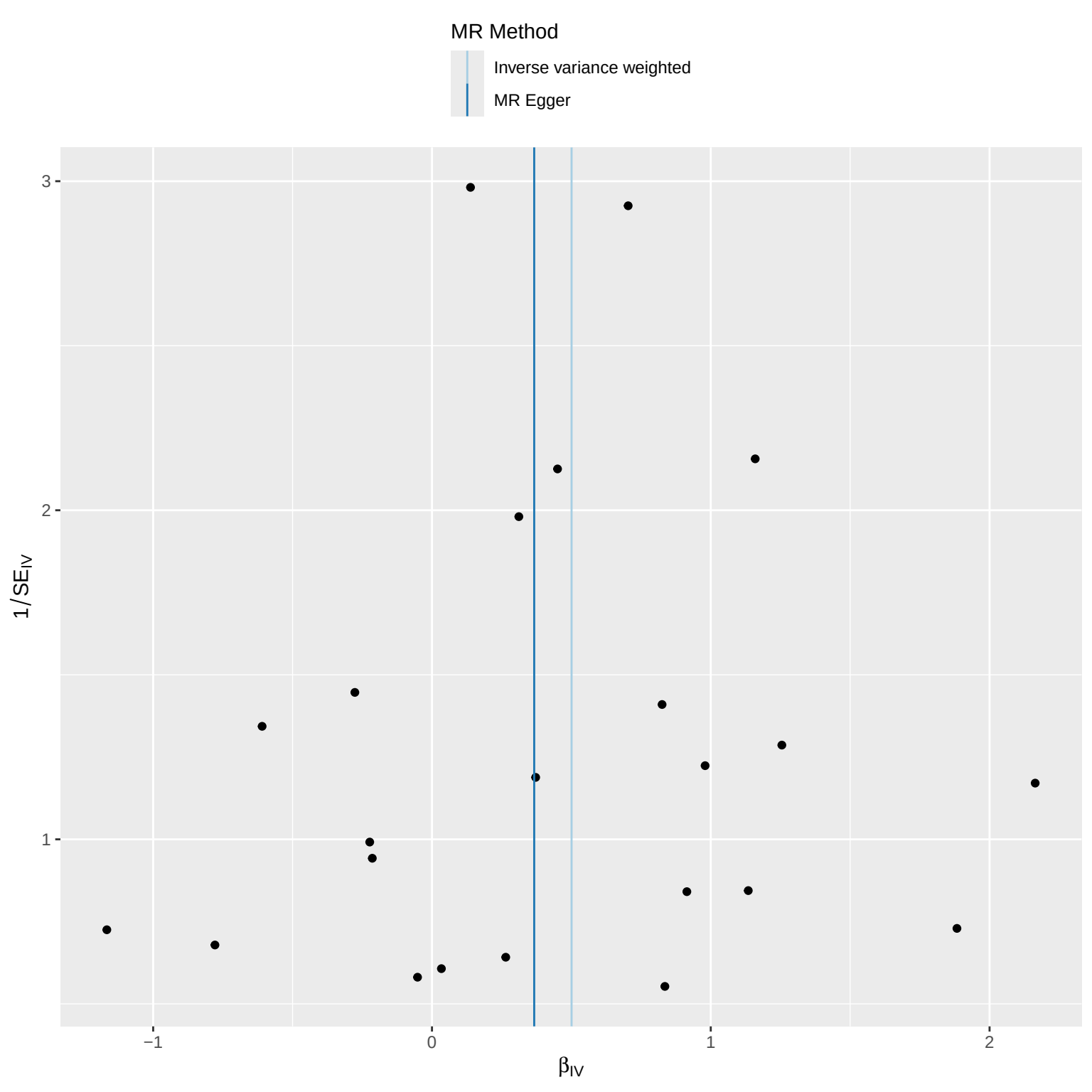

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

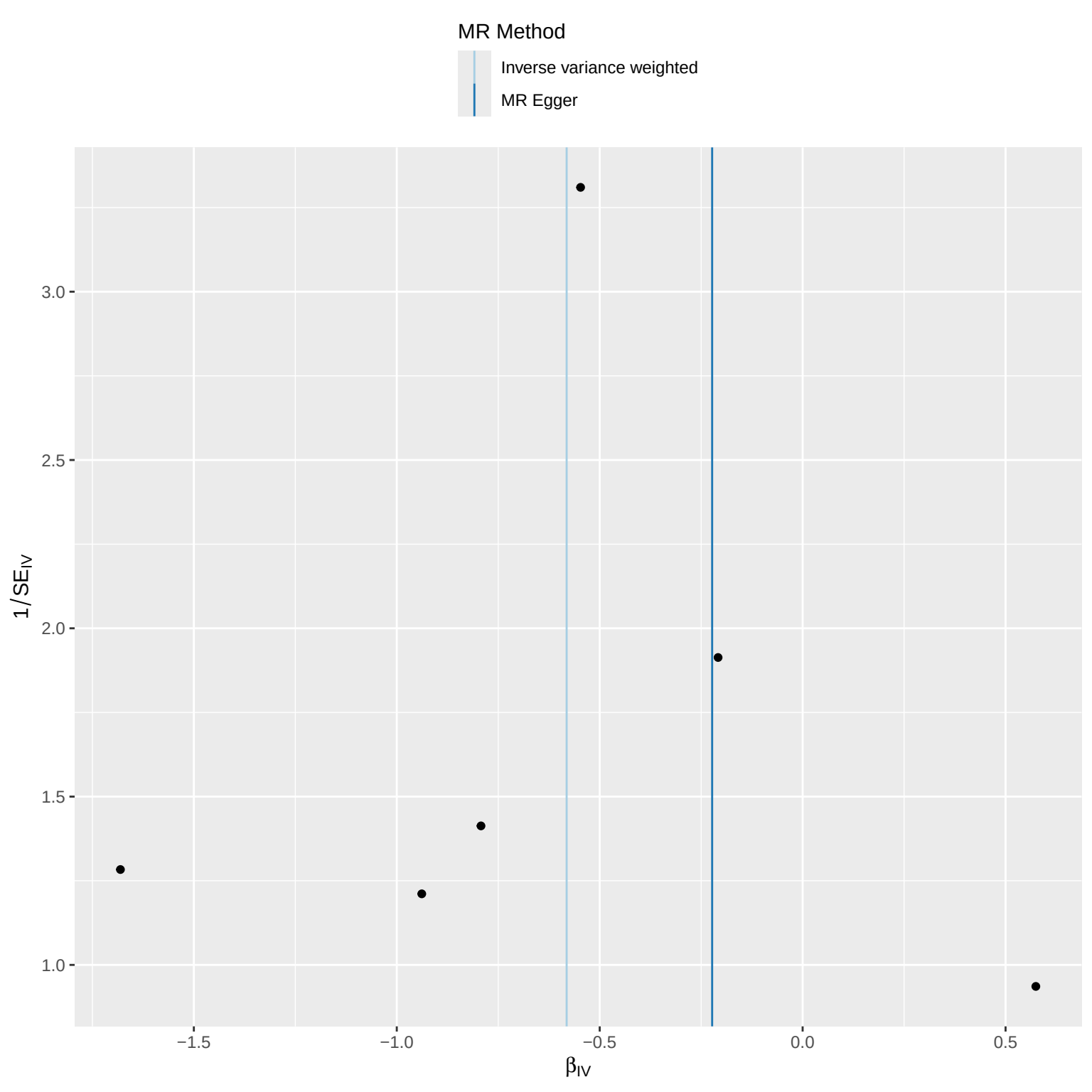

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

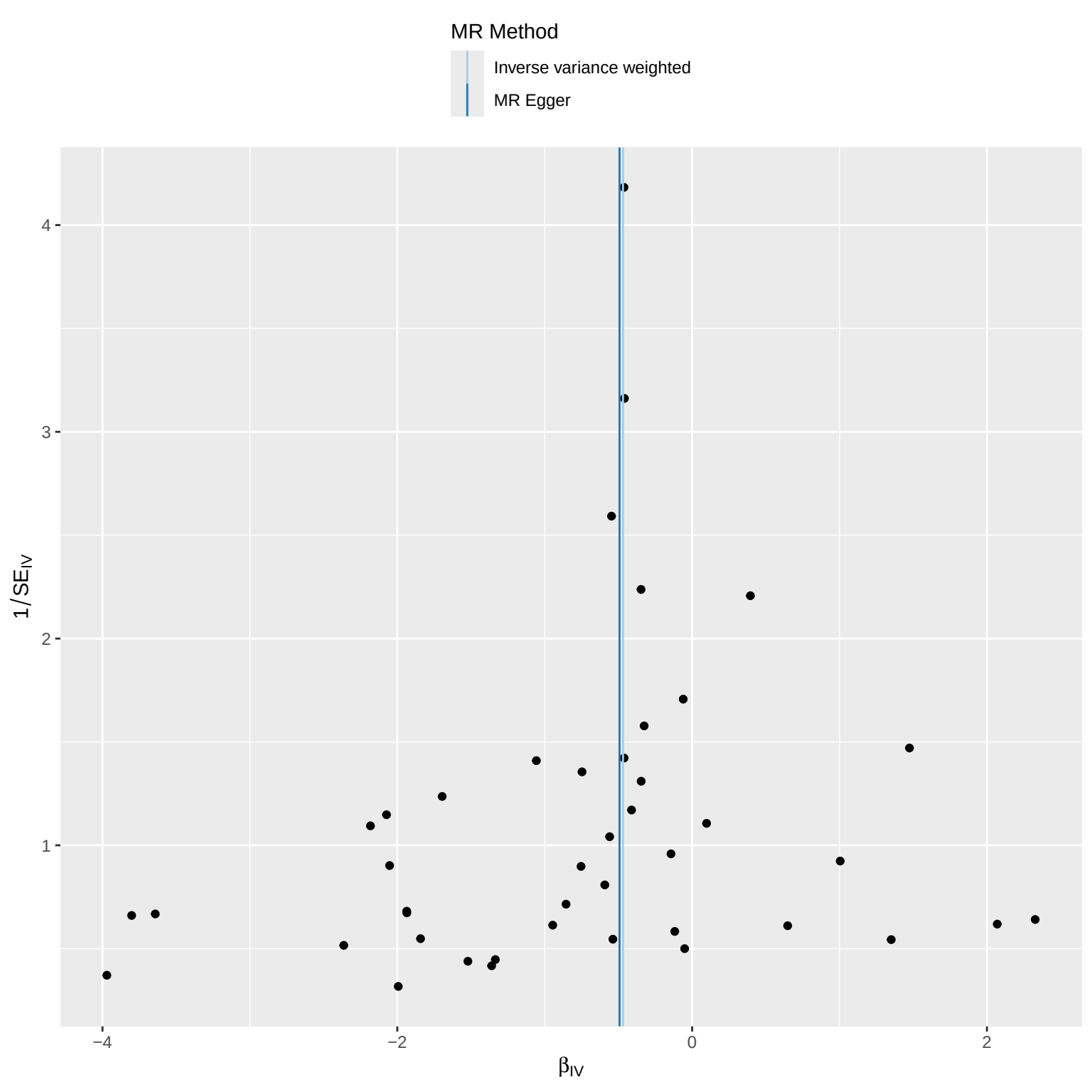

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

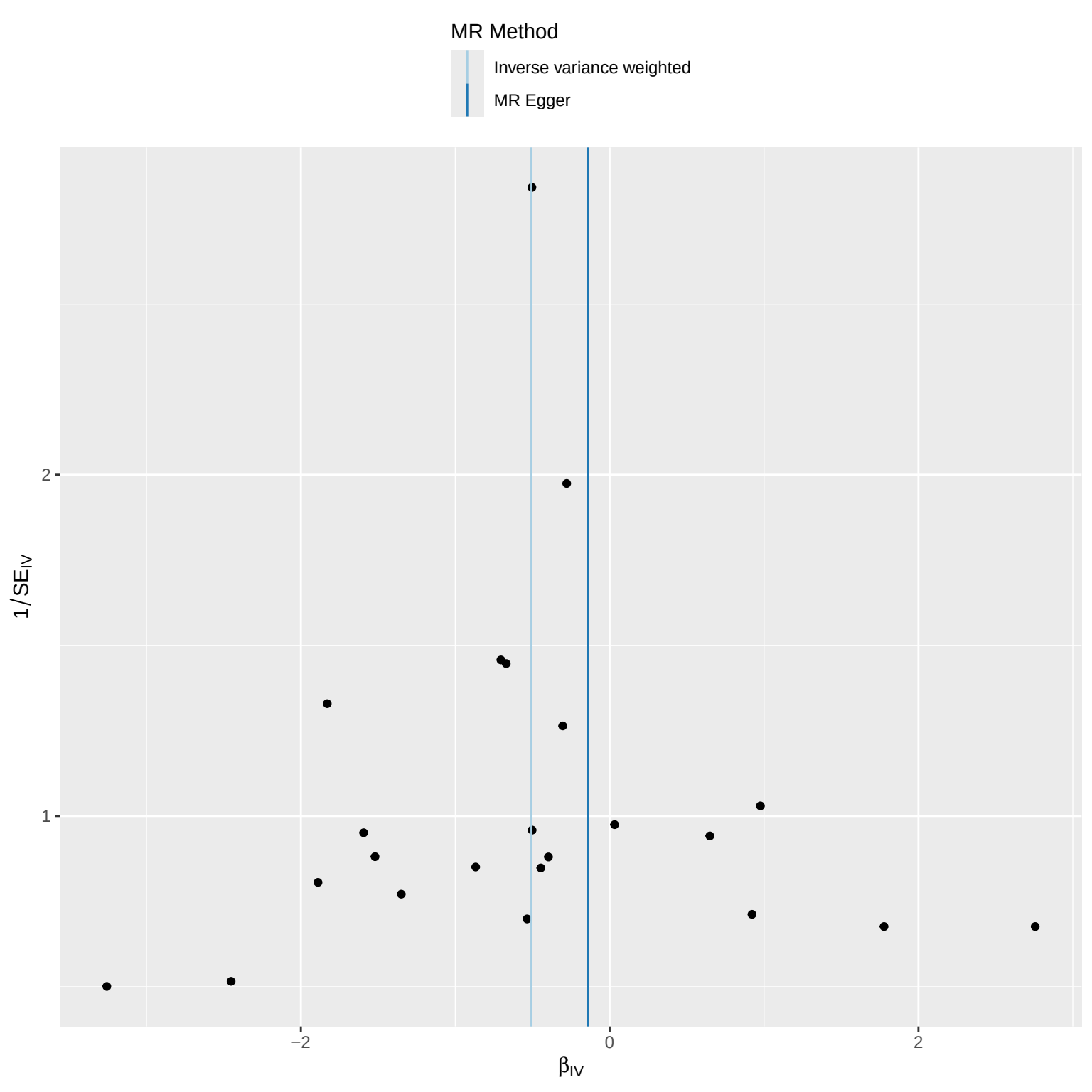

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

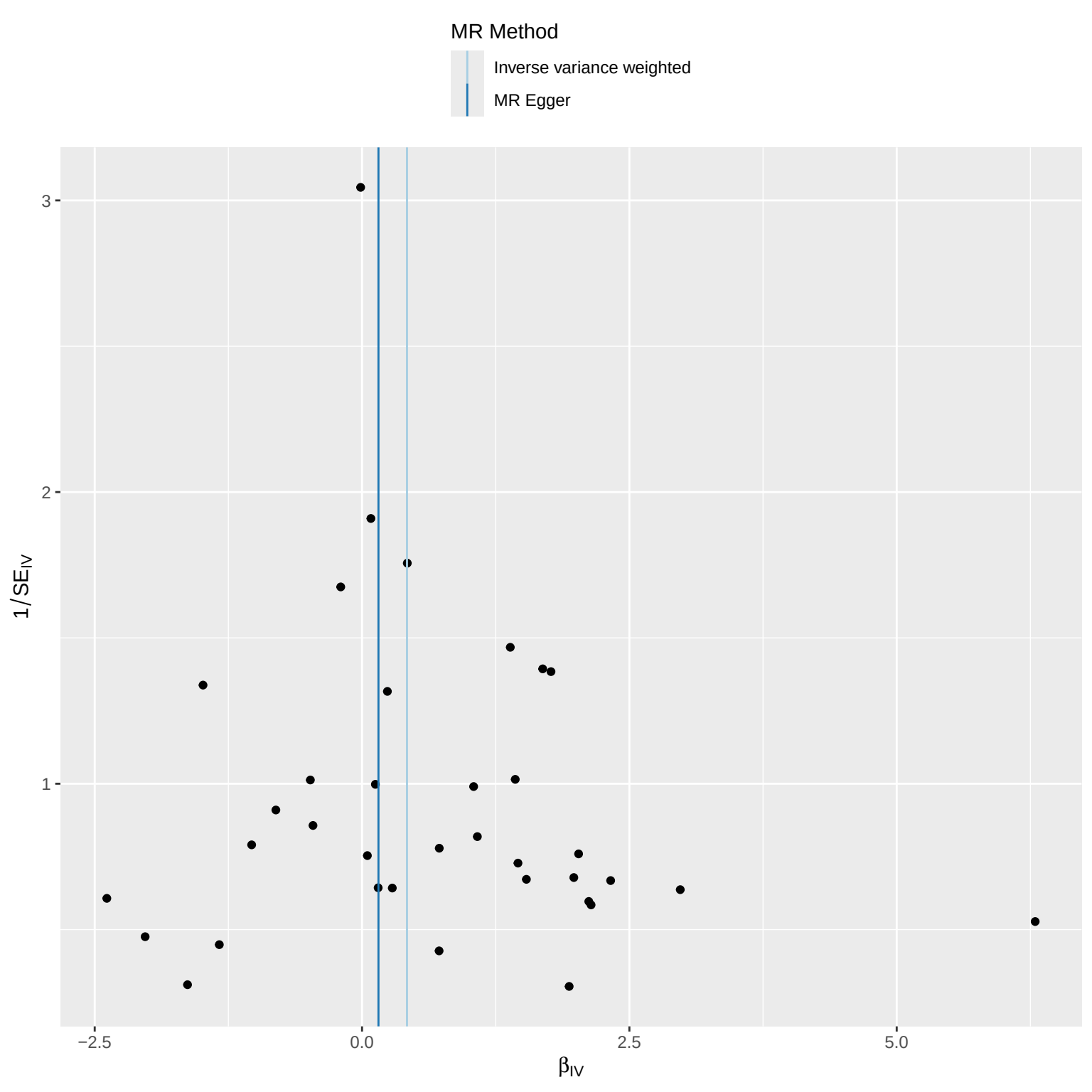

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

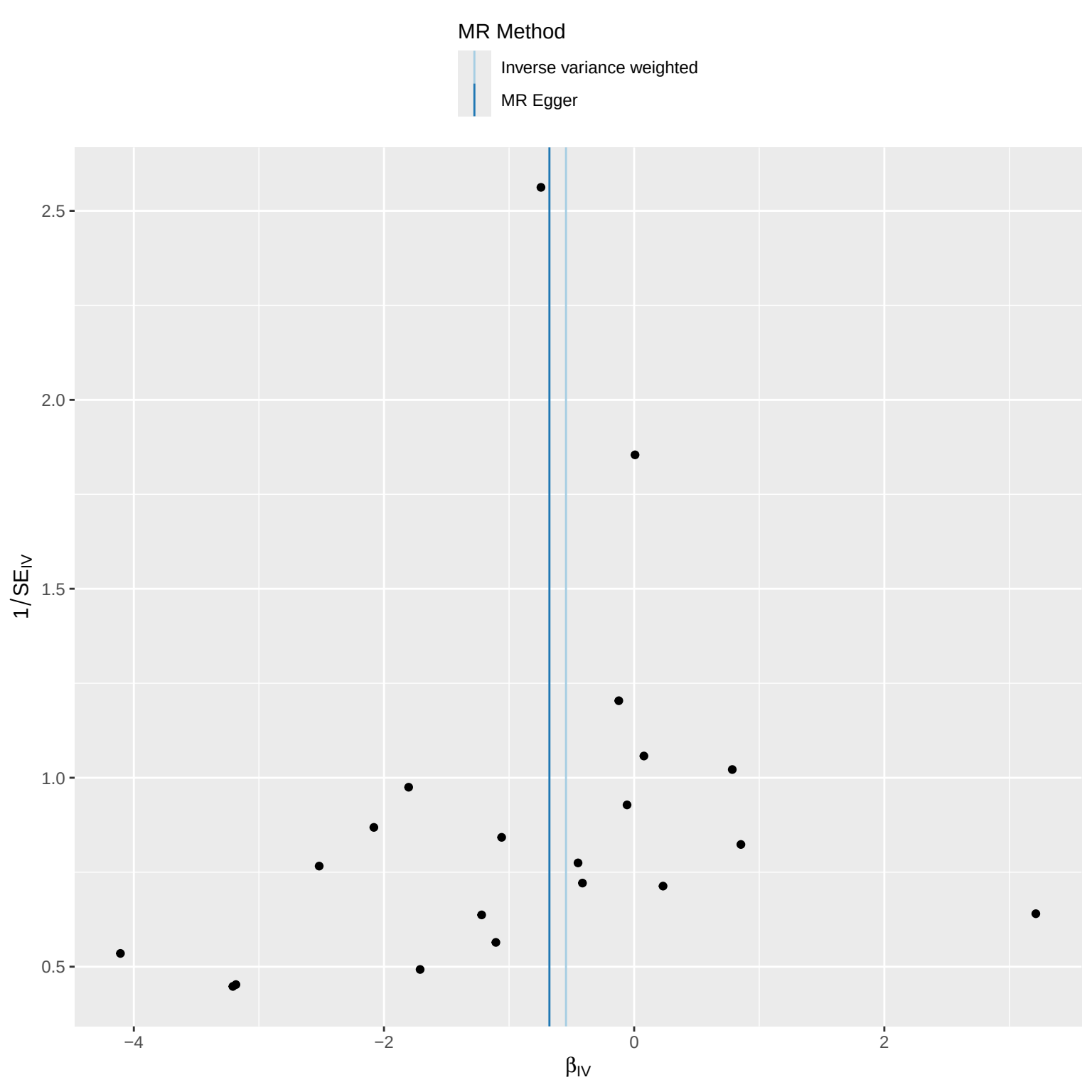

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

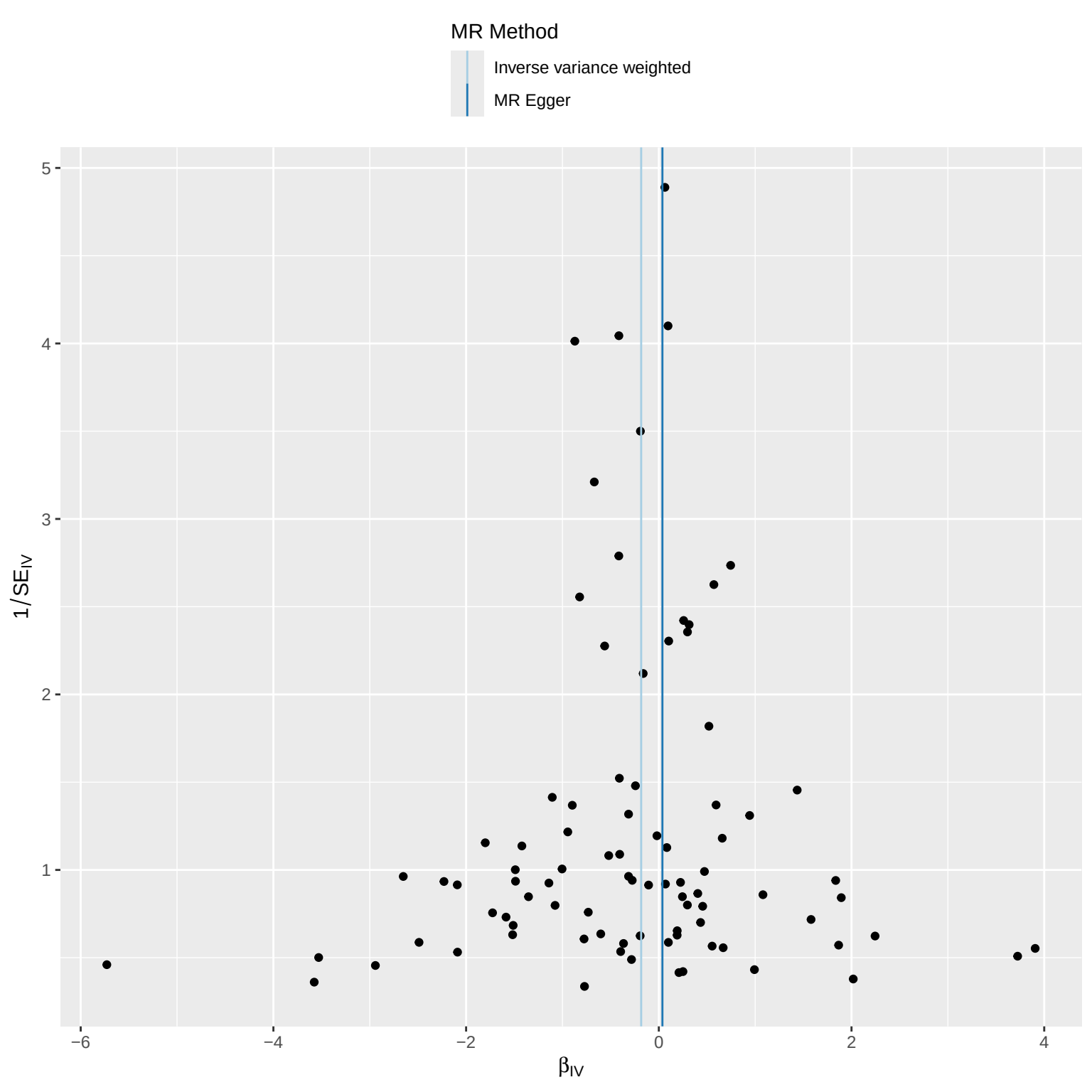

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

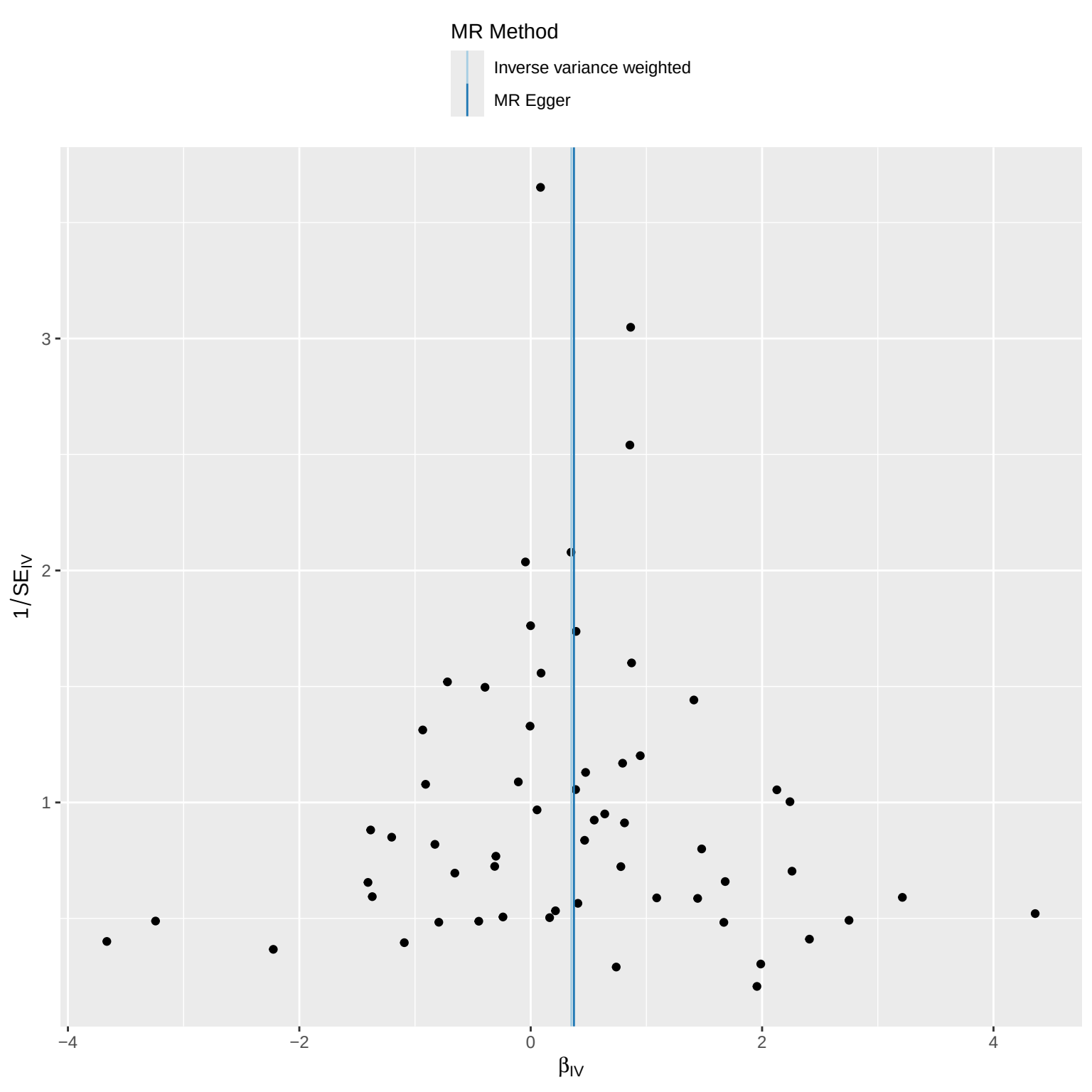

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

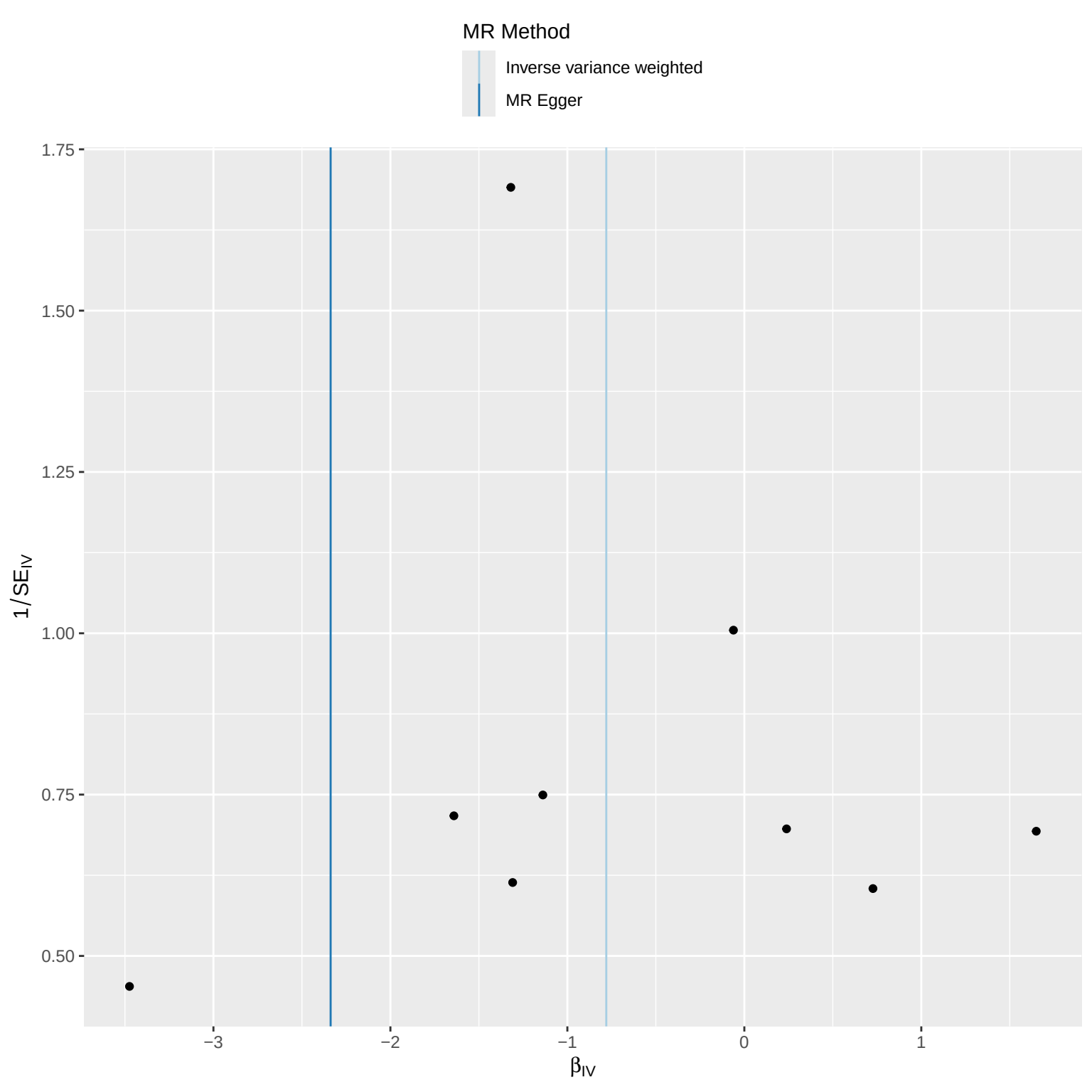

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

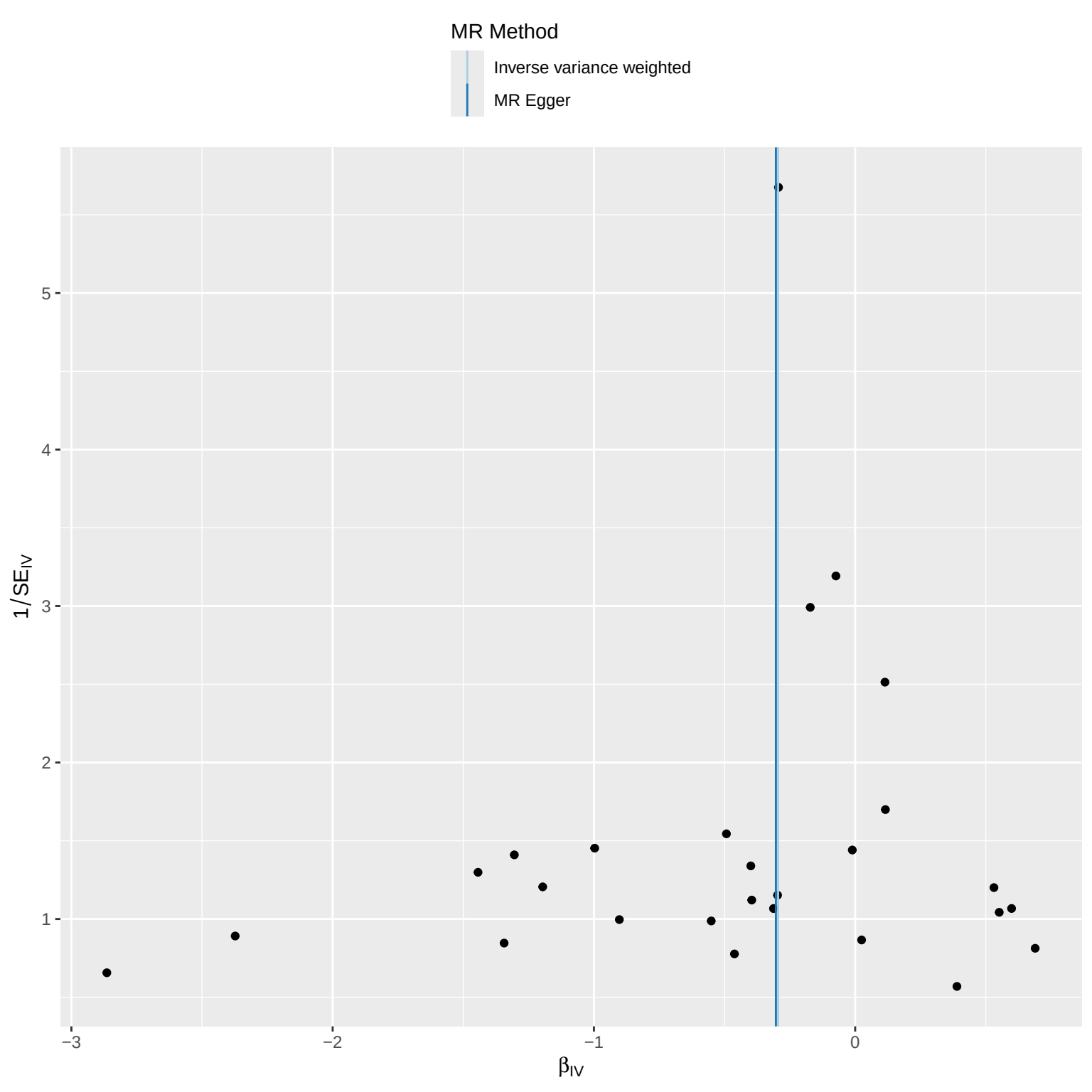

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

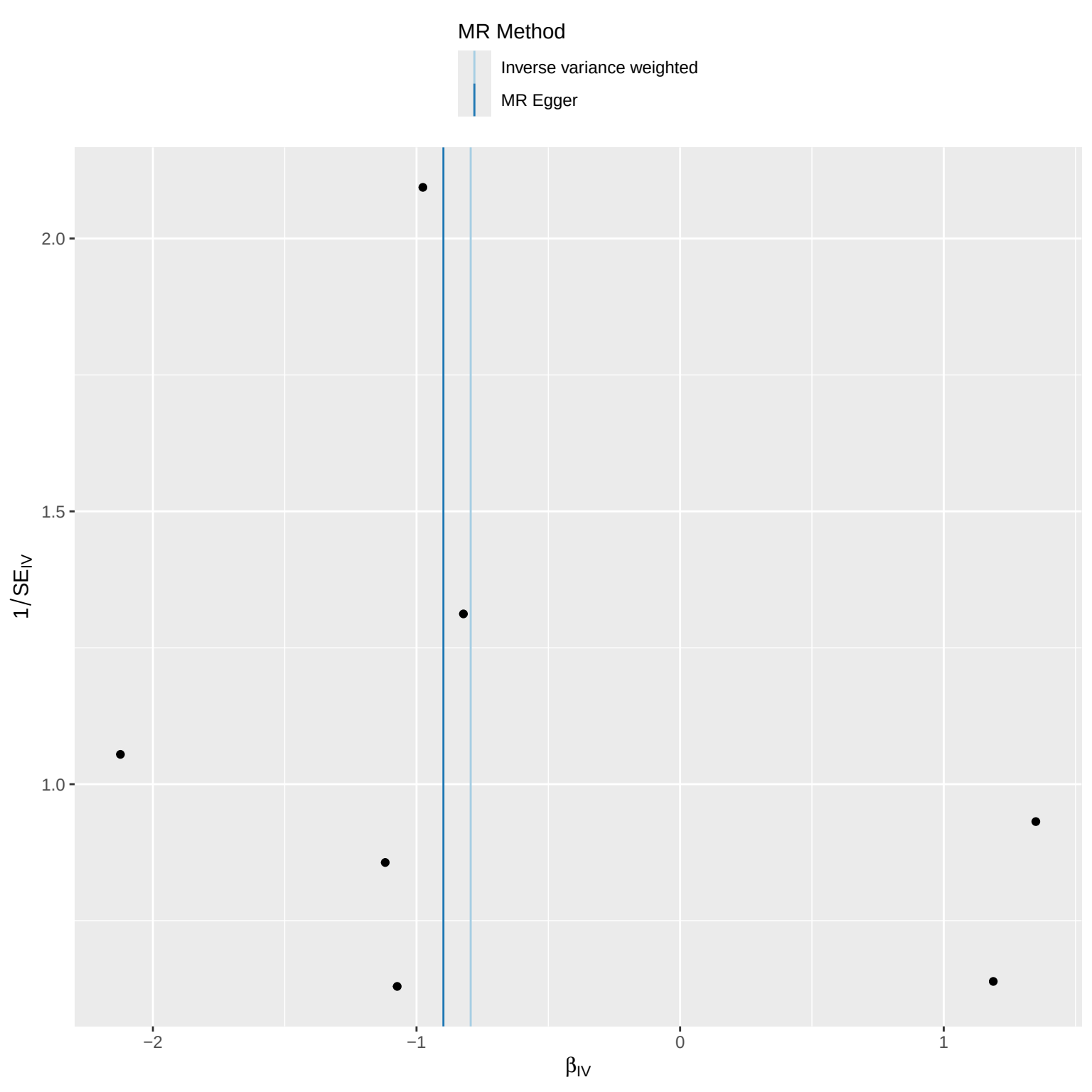

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

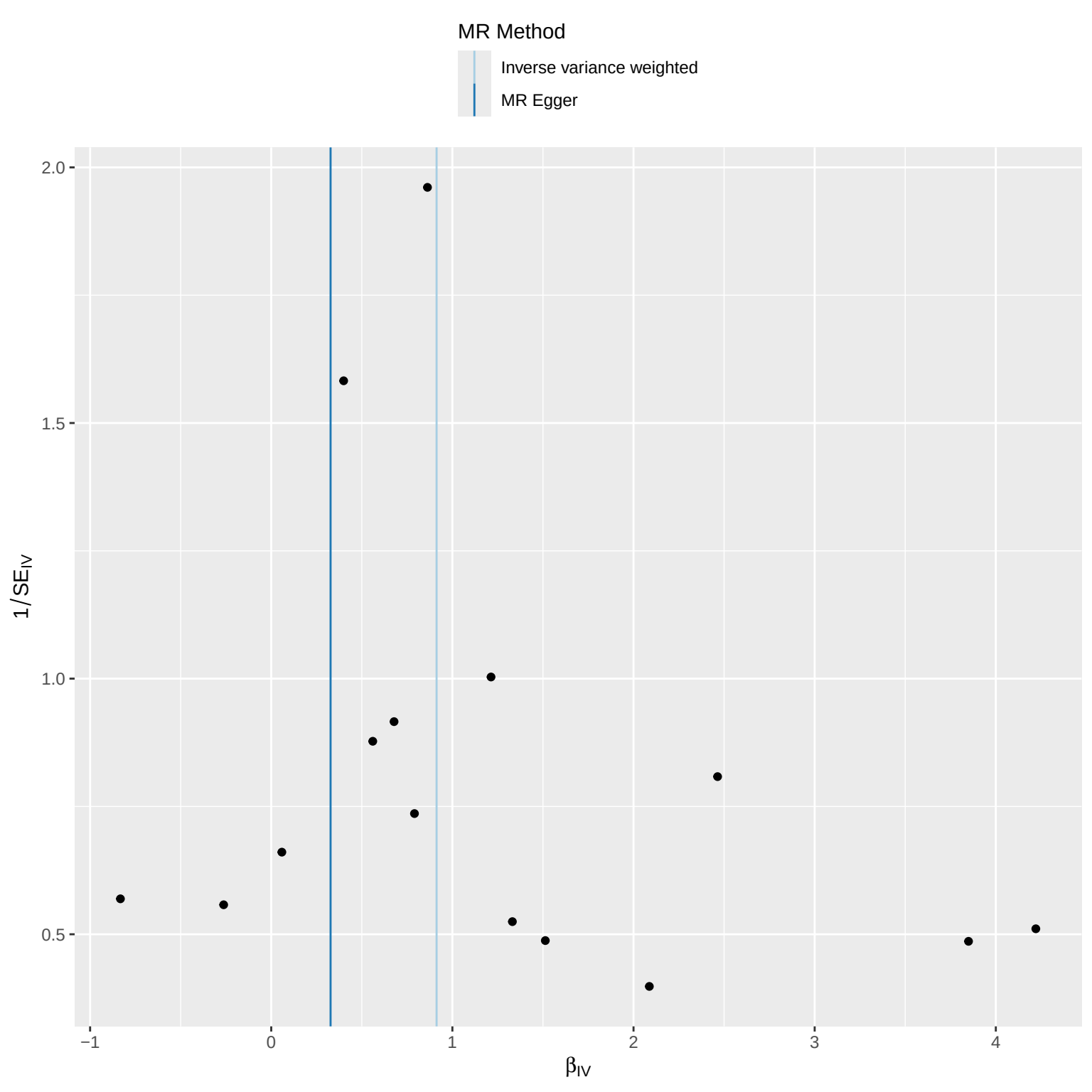

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−6
−4
−2
0
2
4
β_IV

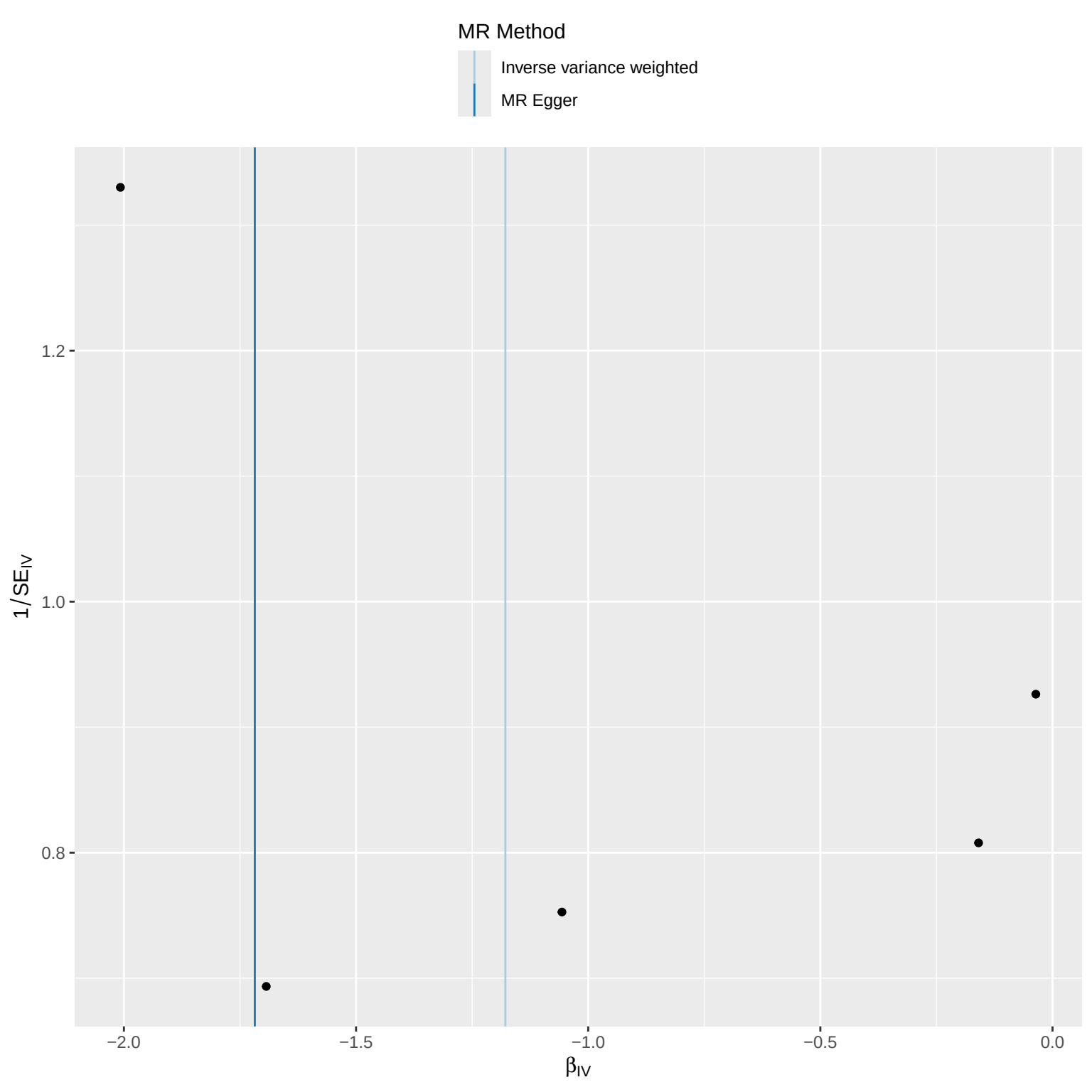

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

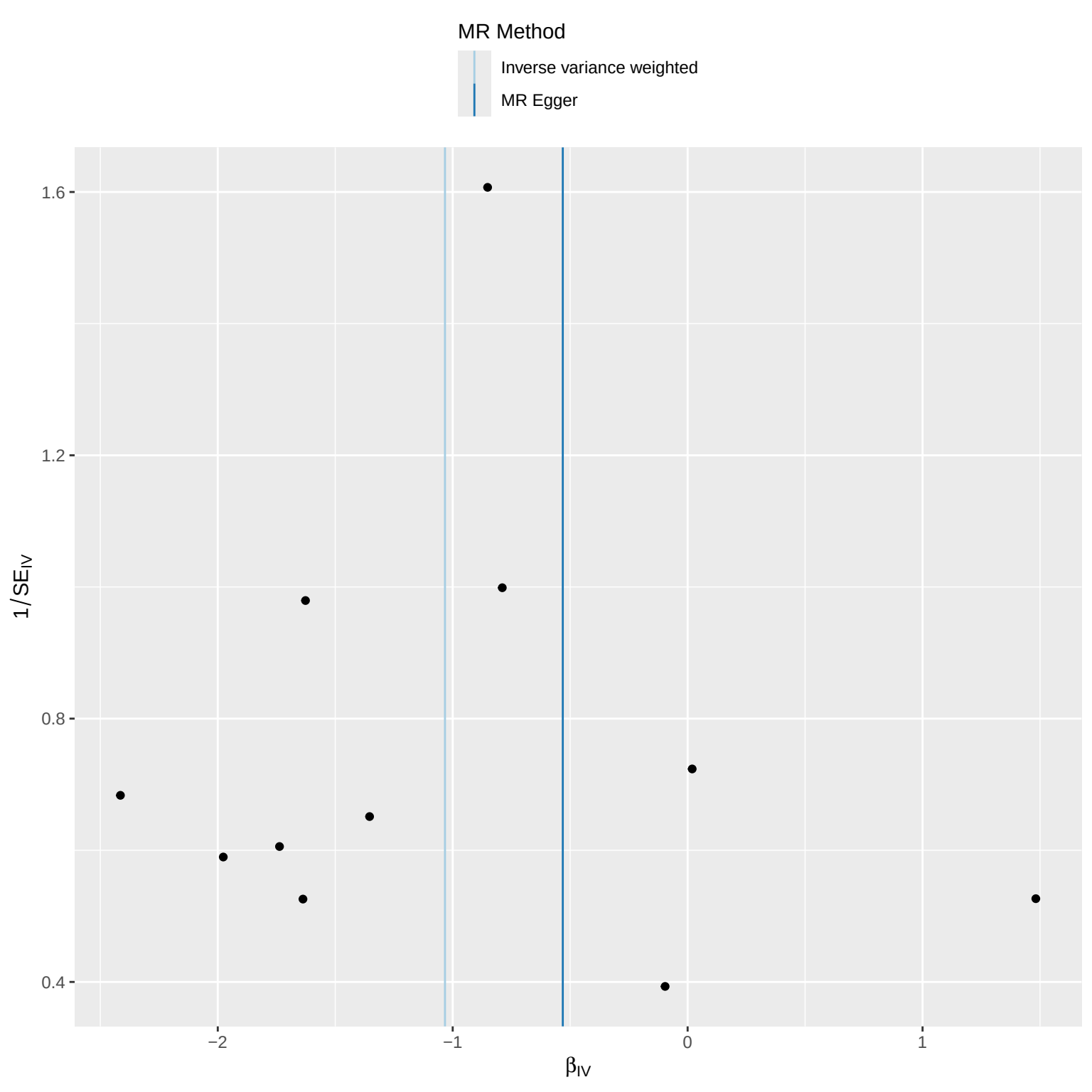

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

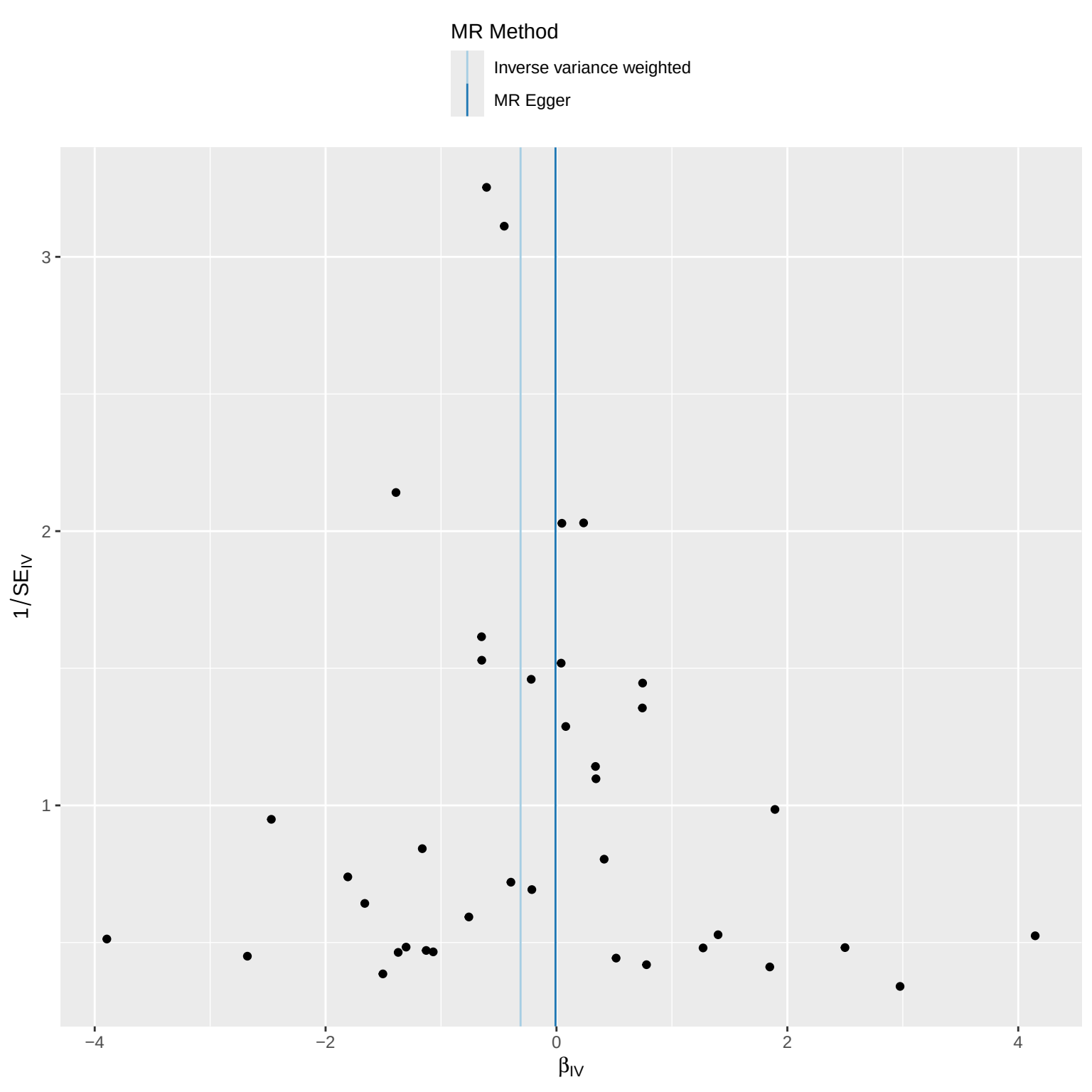

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−3
−2
−1
0

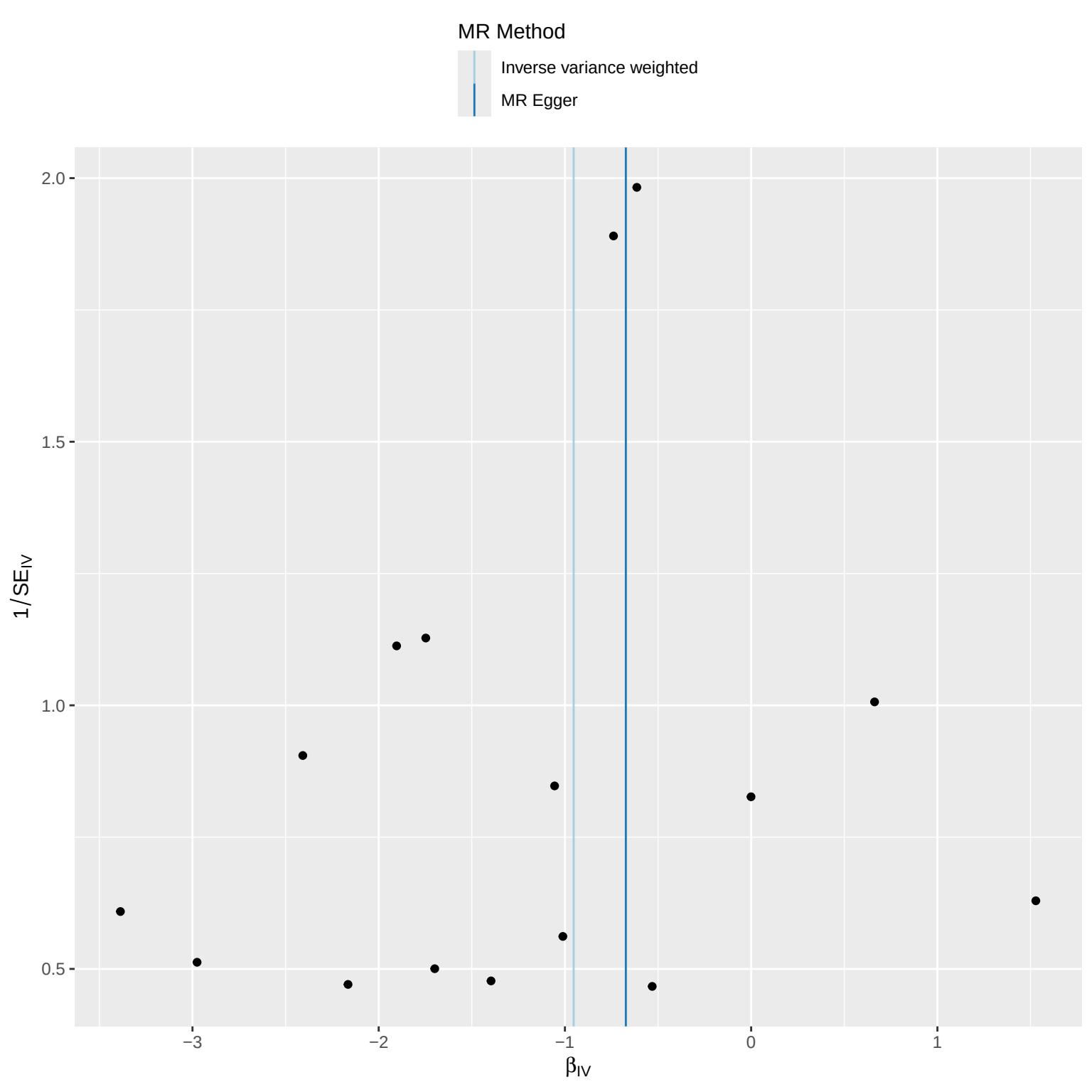

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

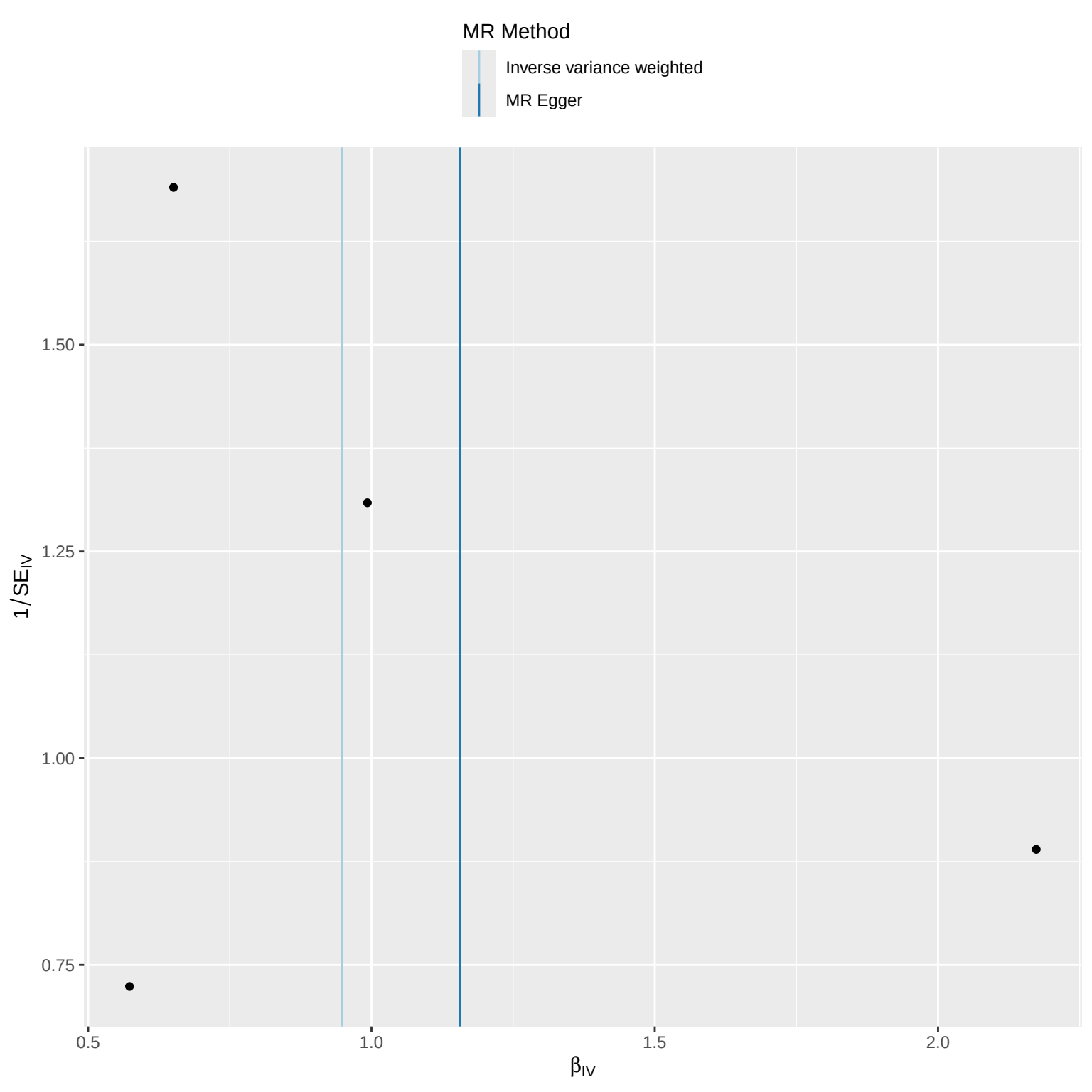

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

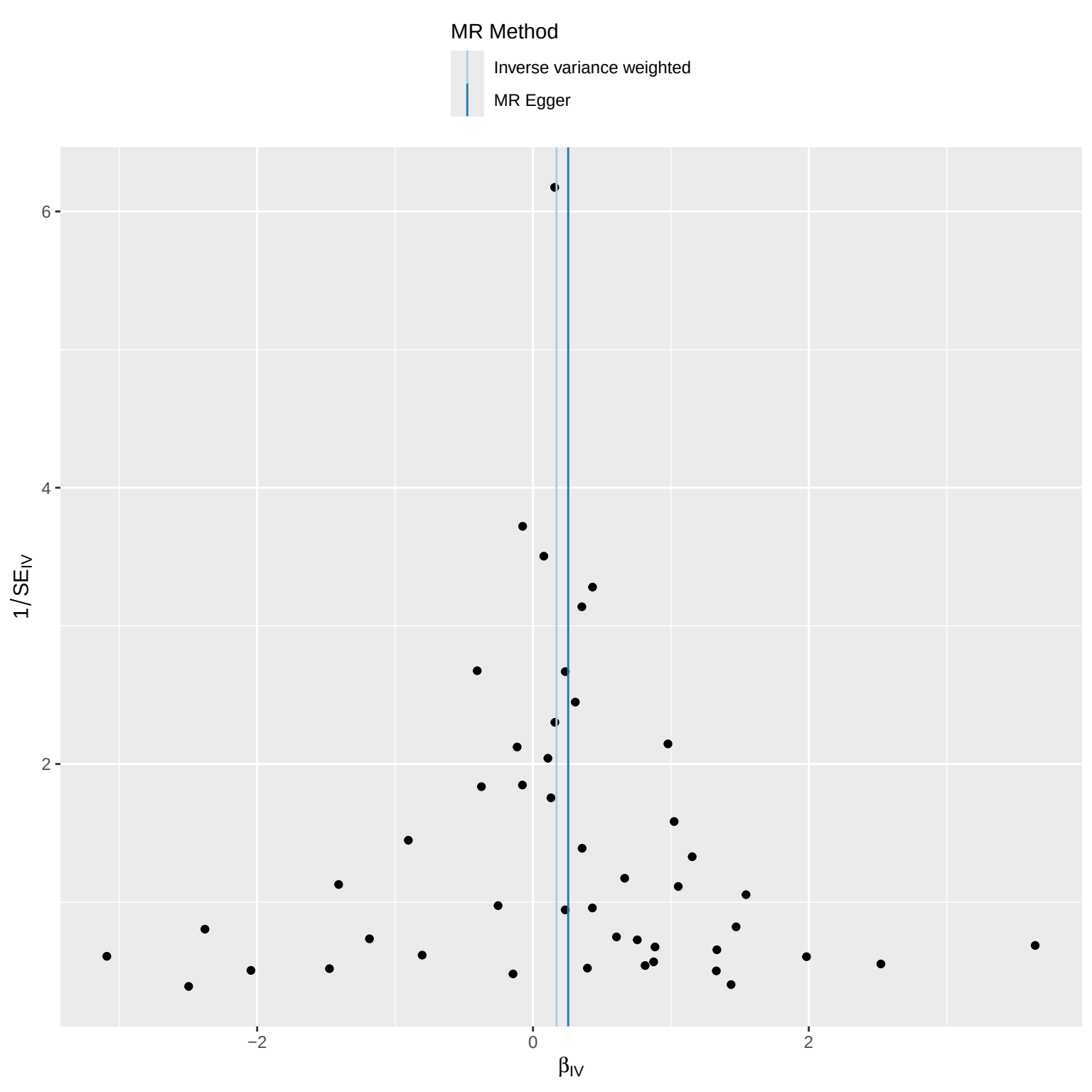

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

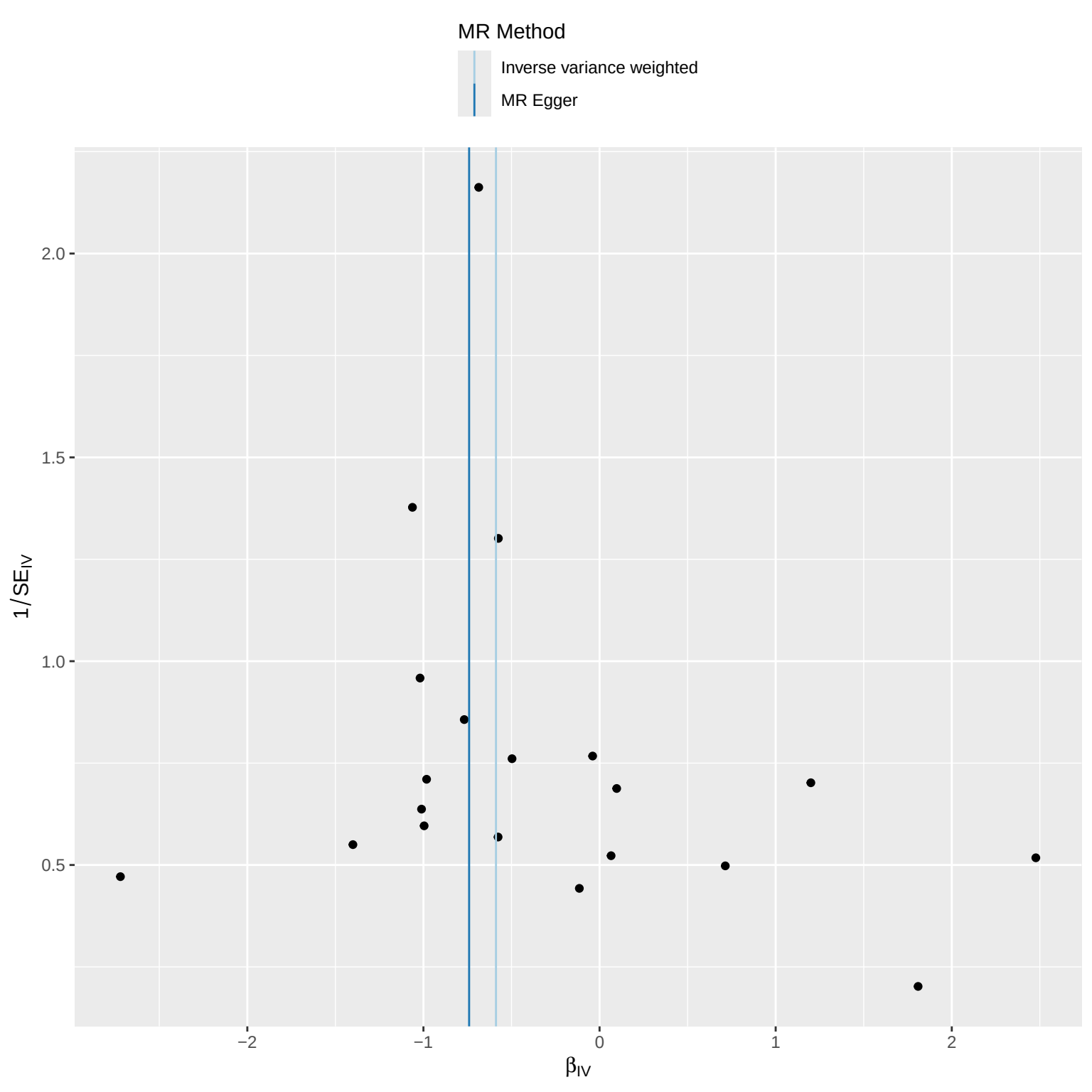

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

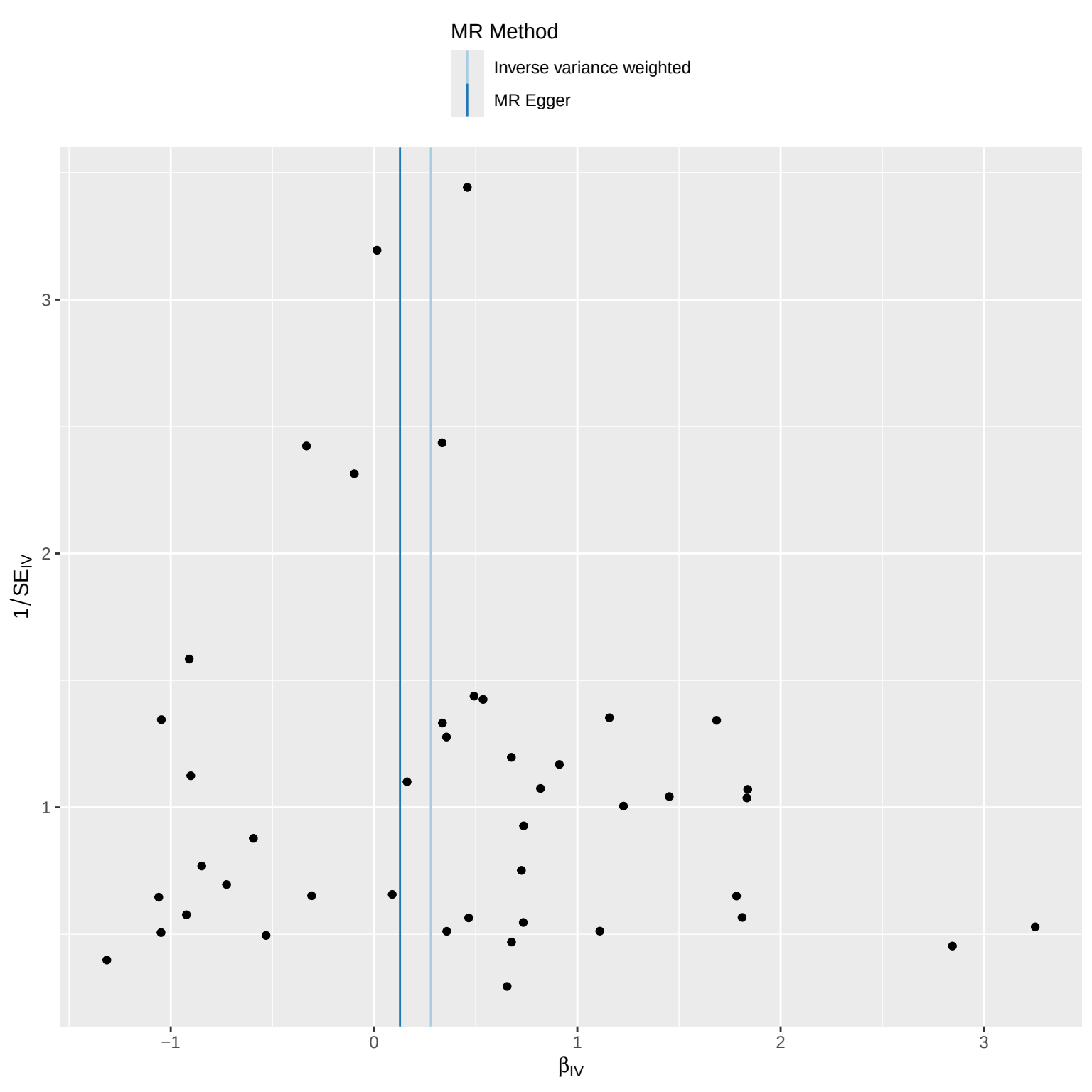

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

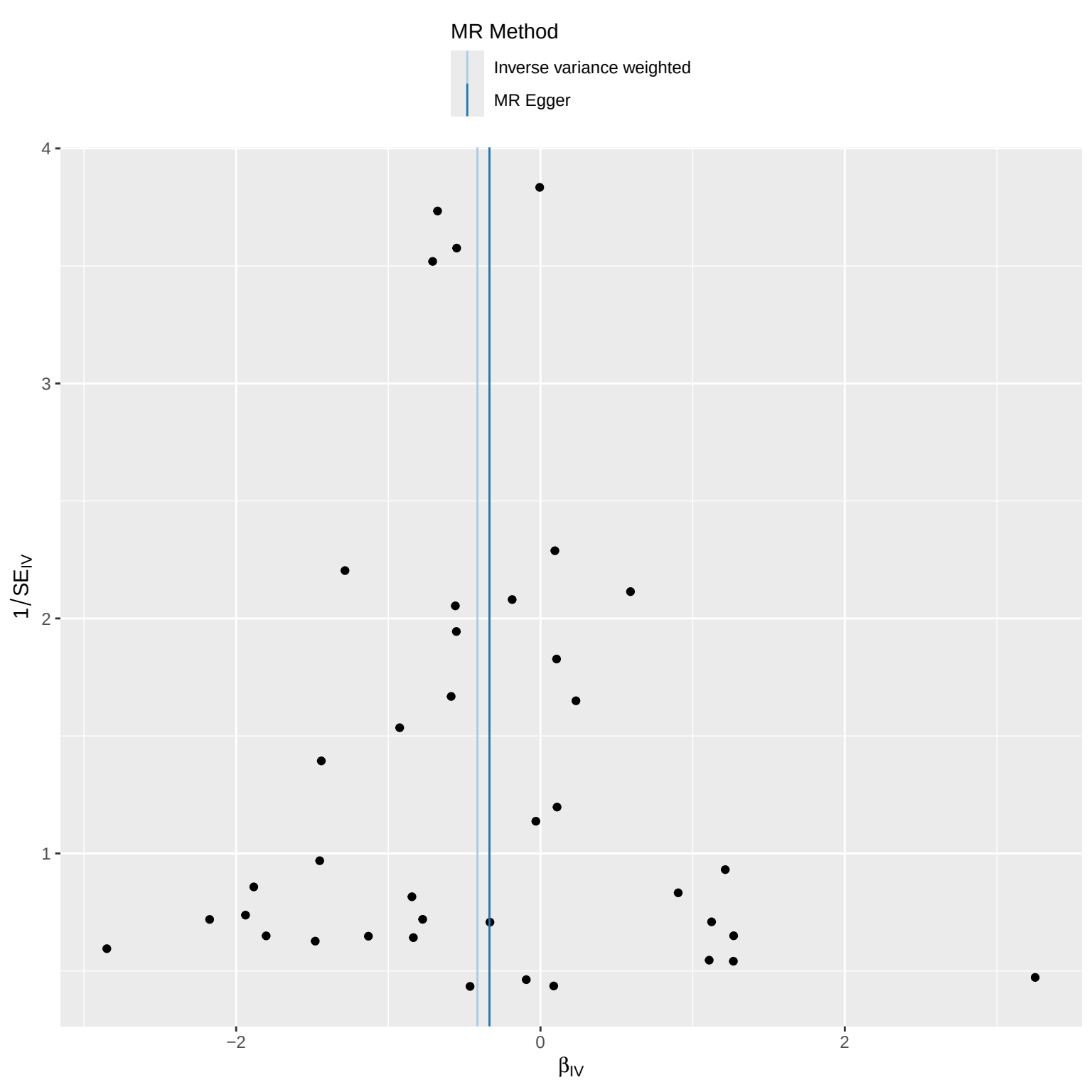

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

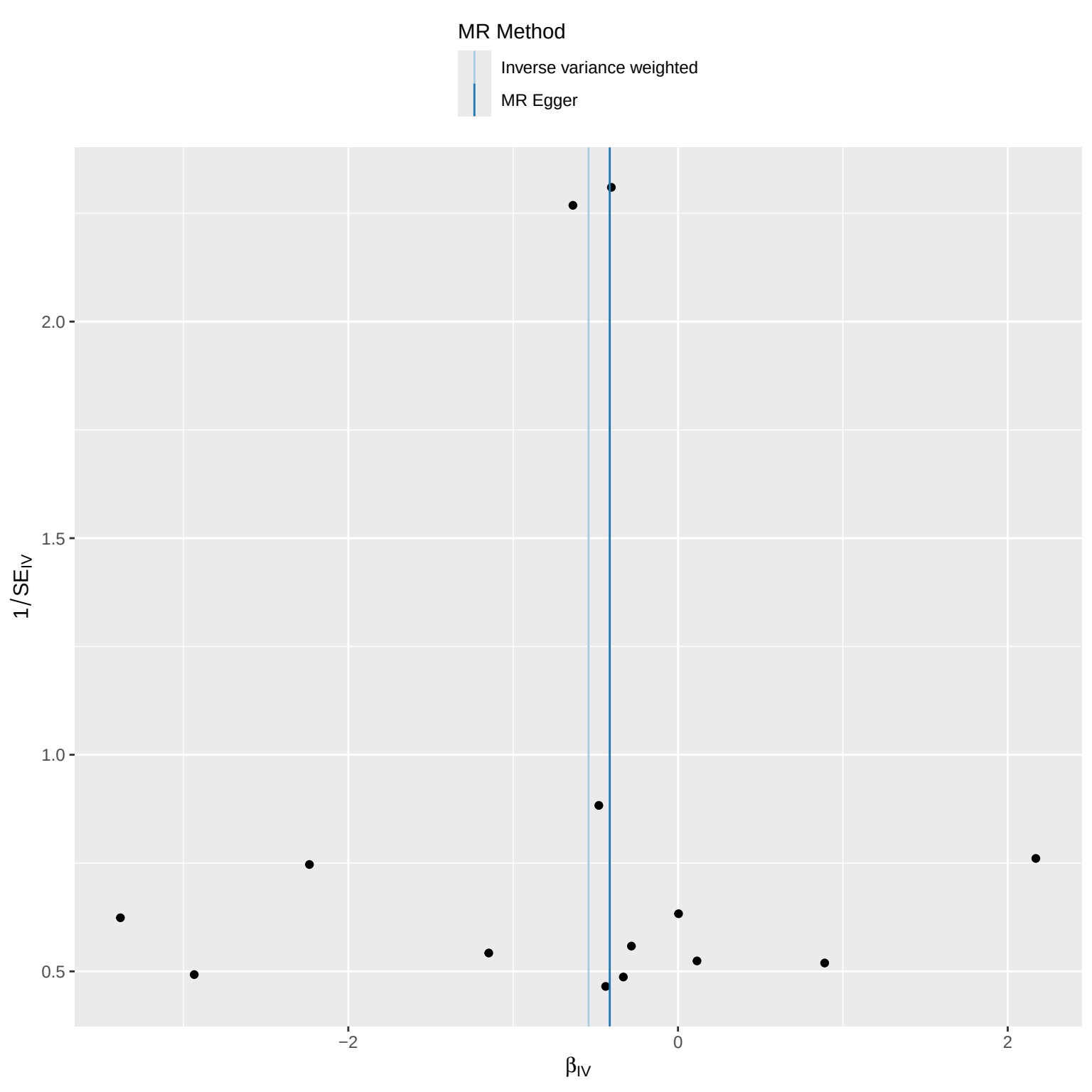

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

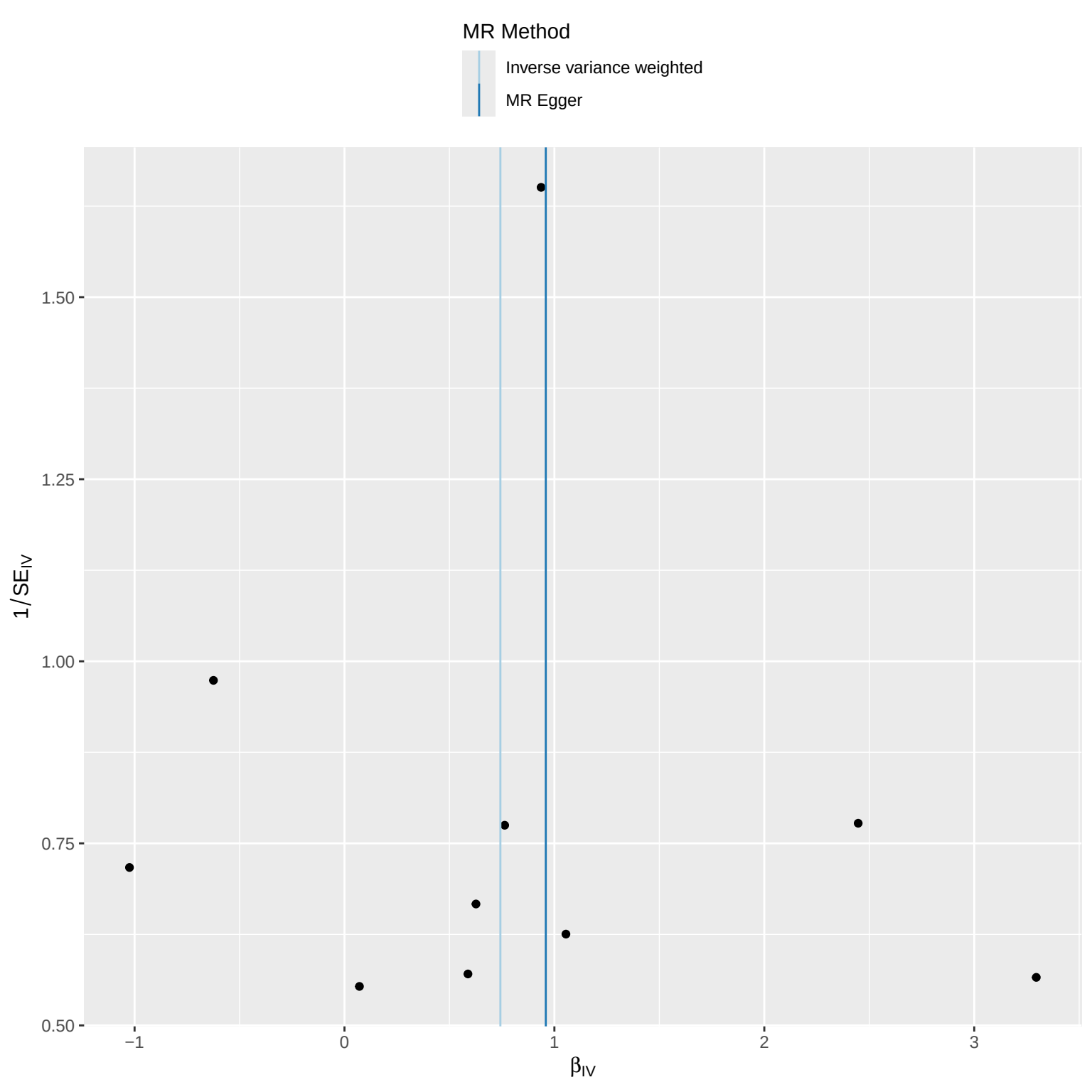

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

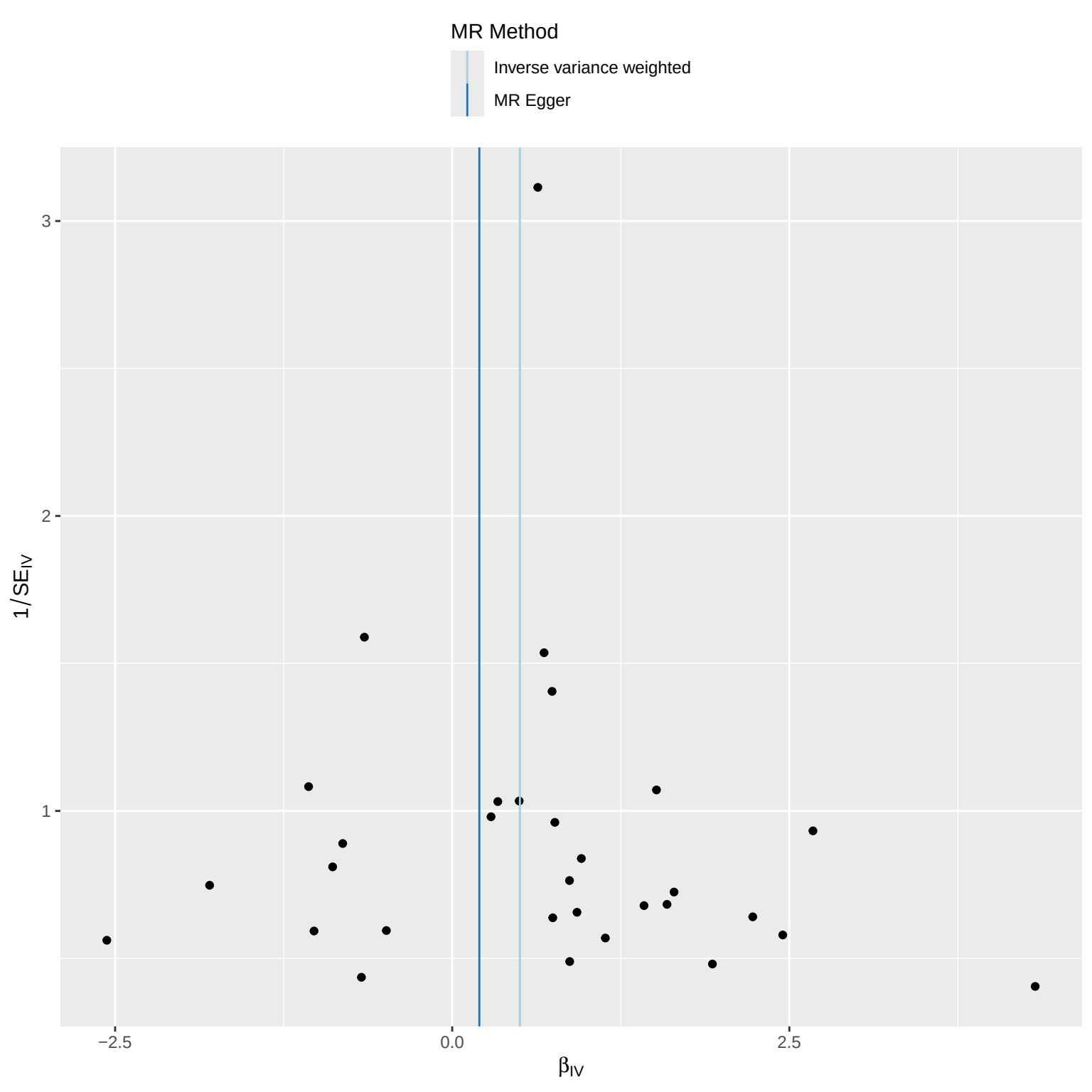

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

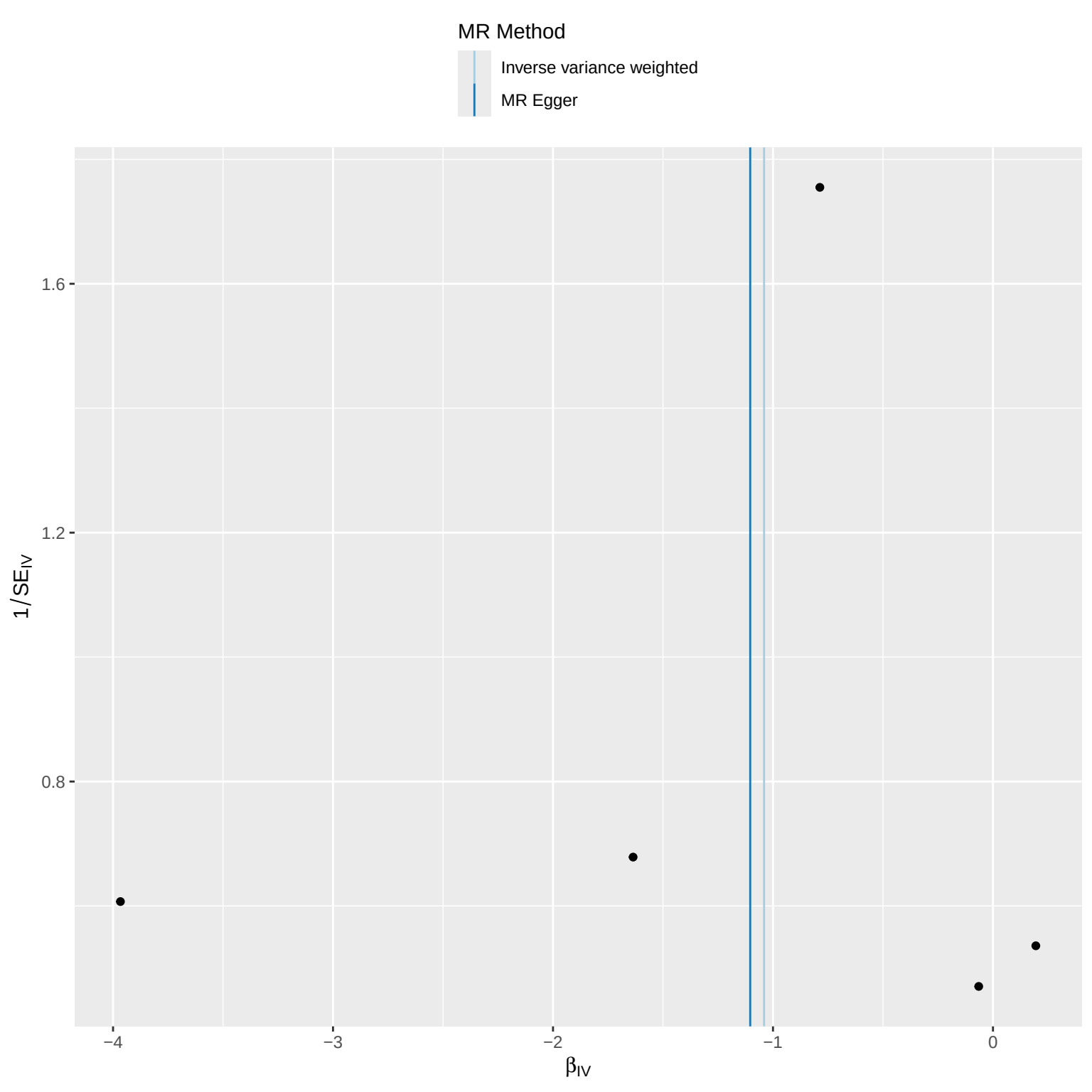

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

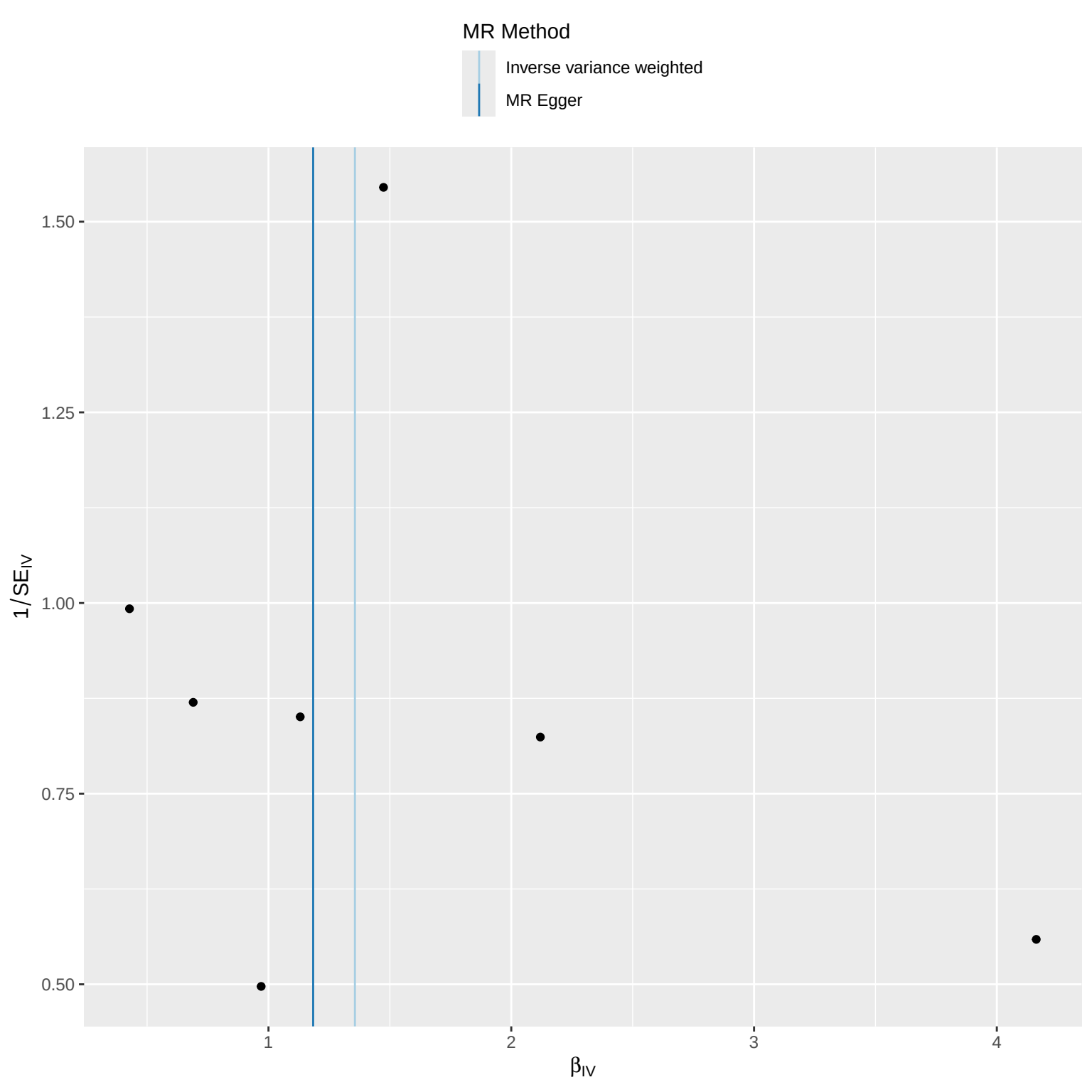

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

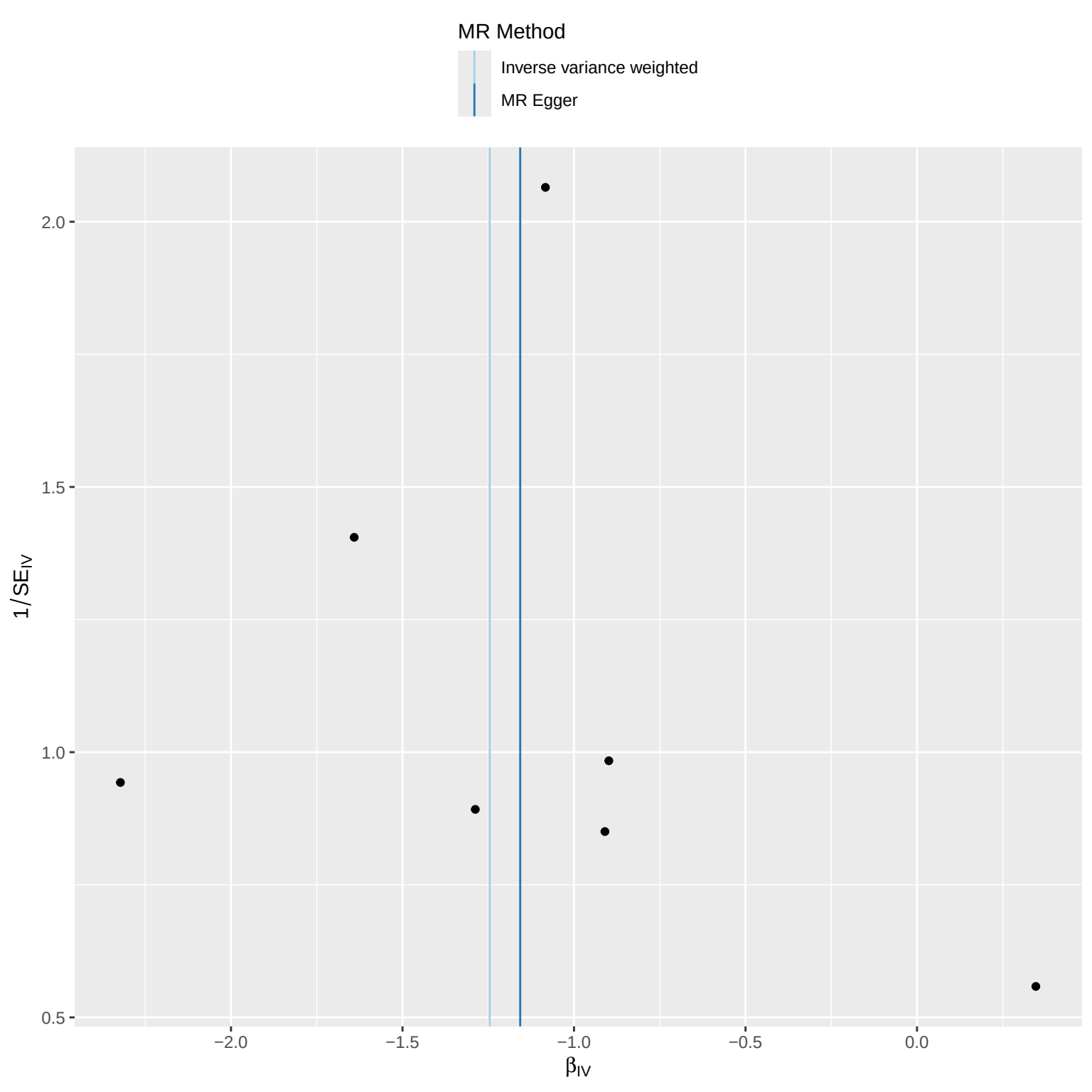

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

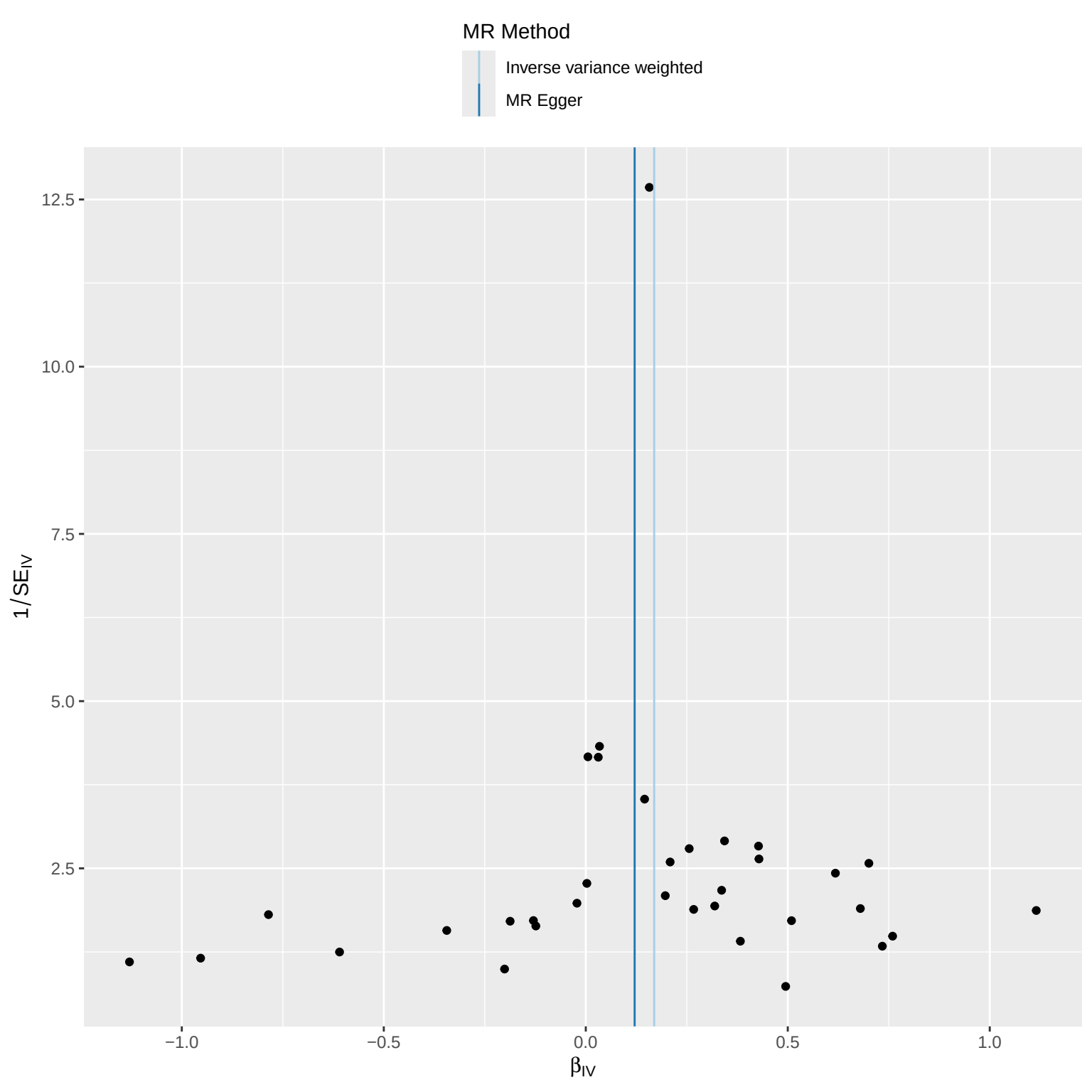

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

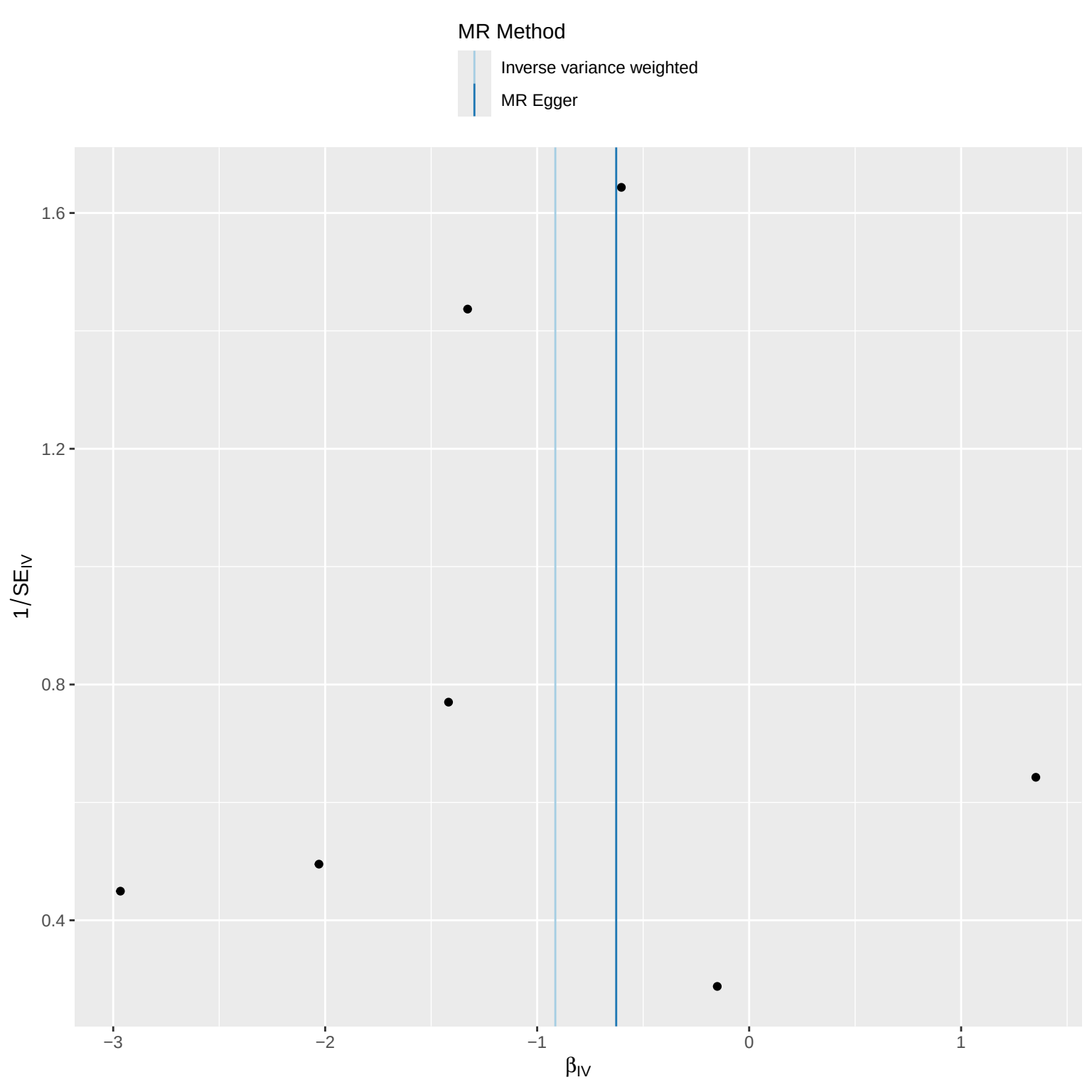

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

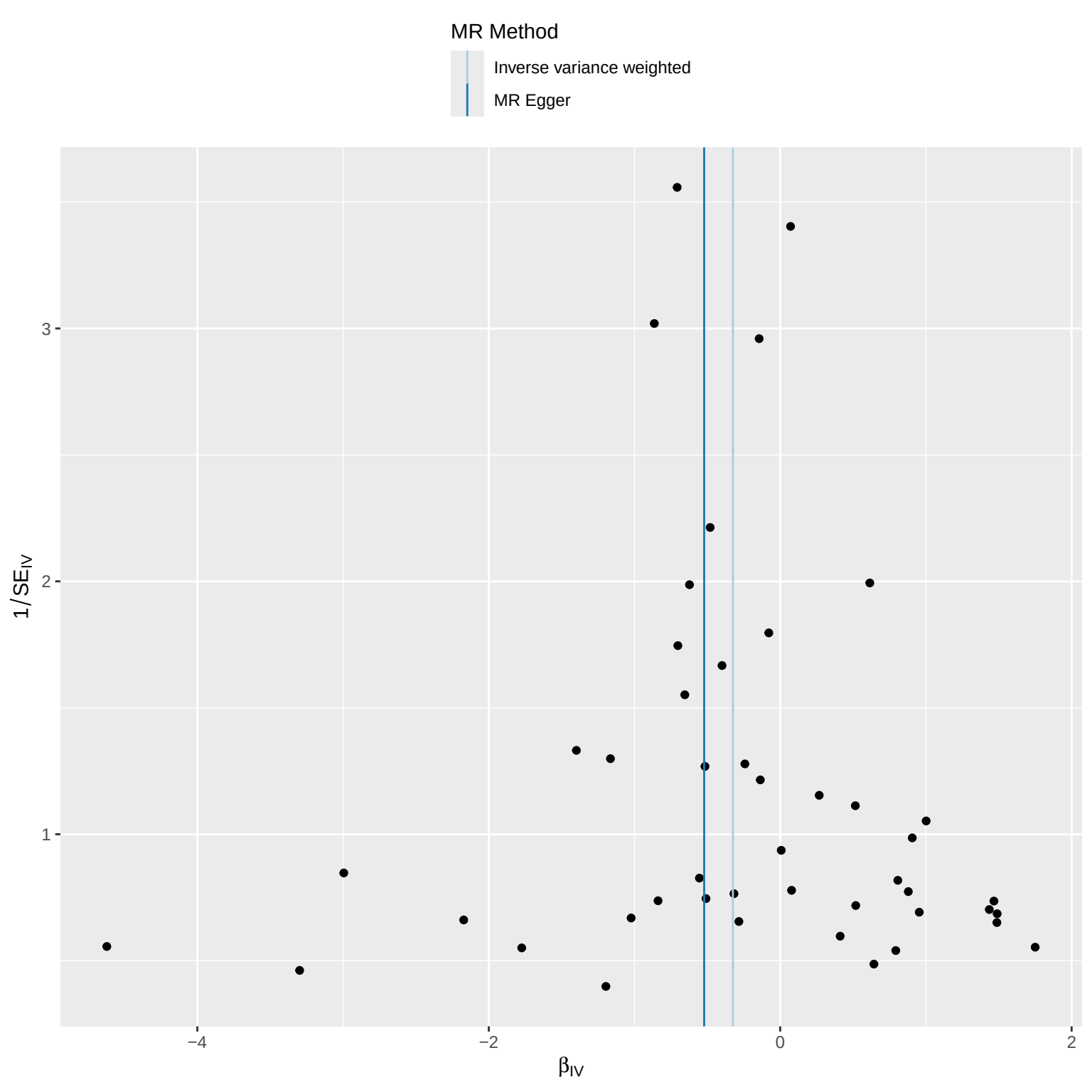

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−4
−3
−2
−1
0
β_IV

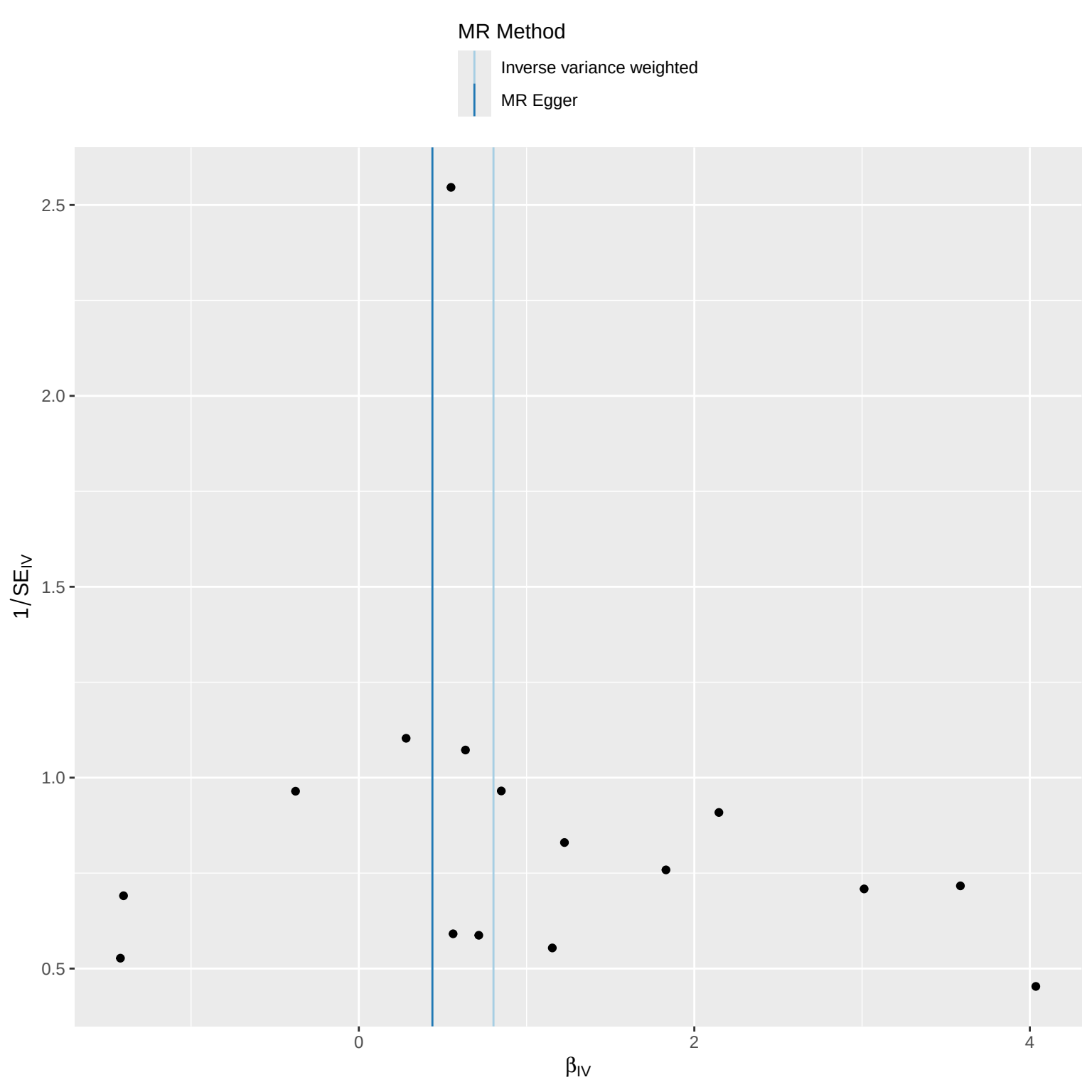

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
1
2
3
4
β_IV

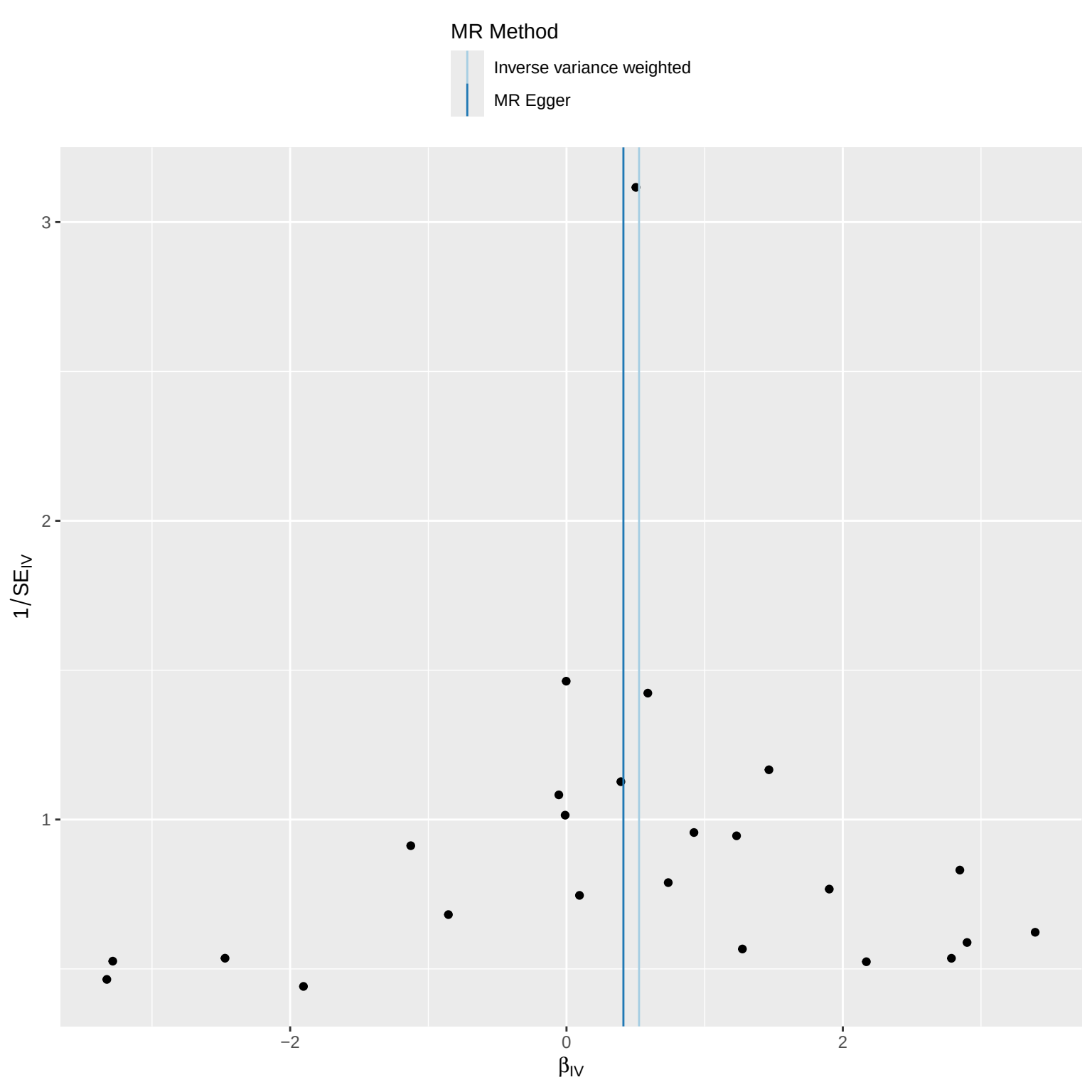

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

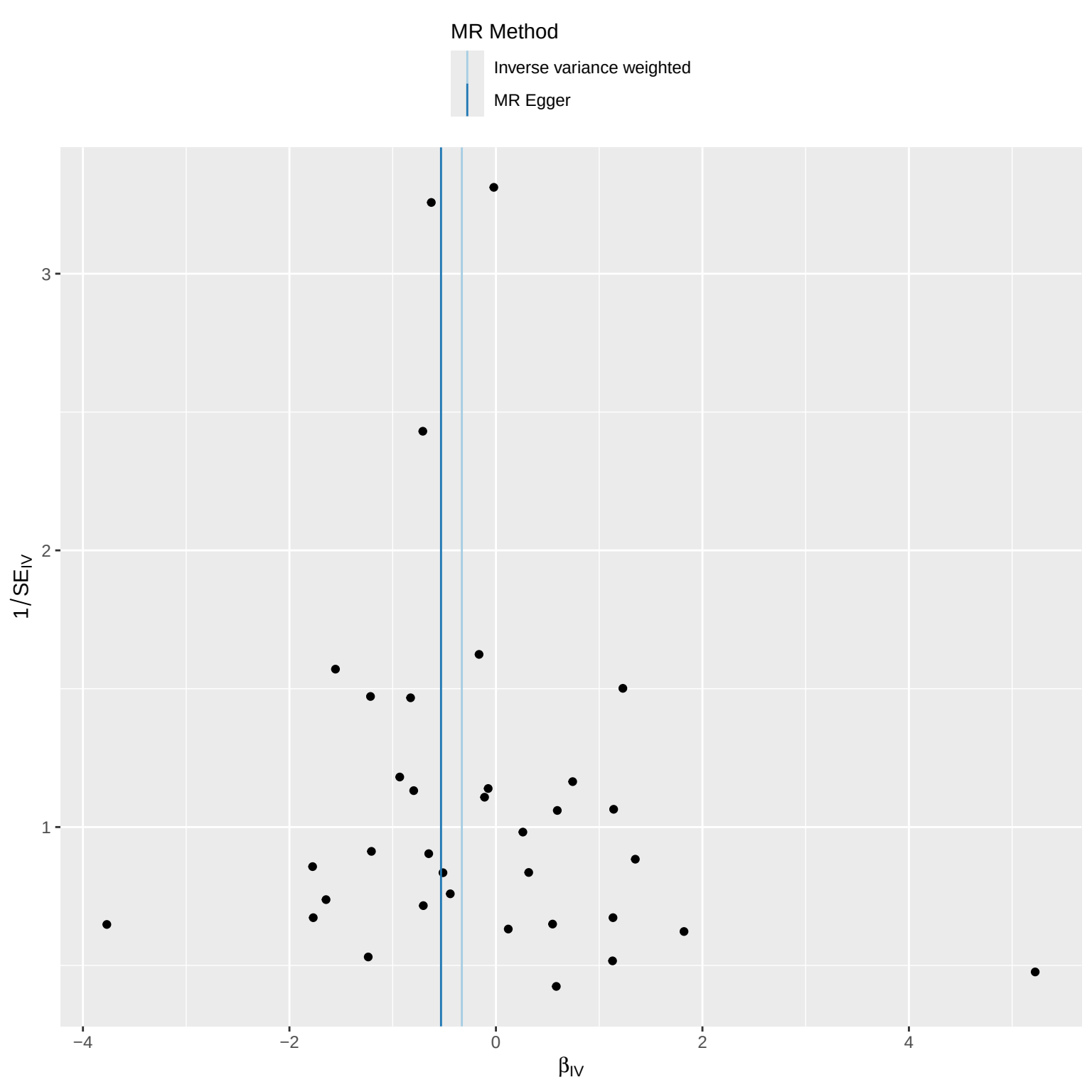

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

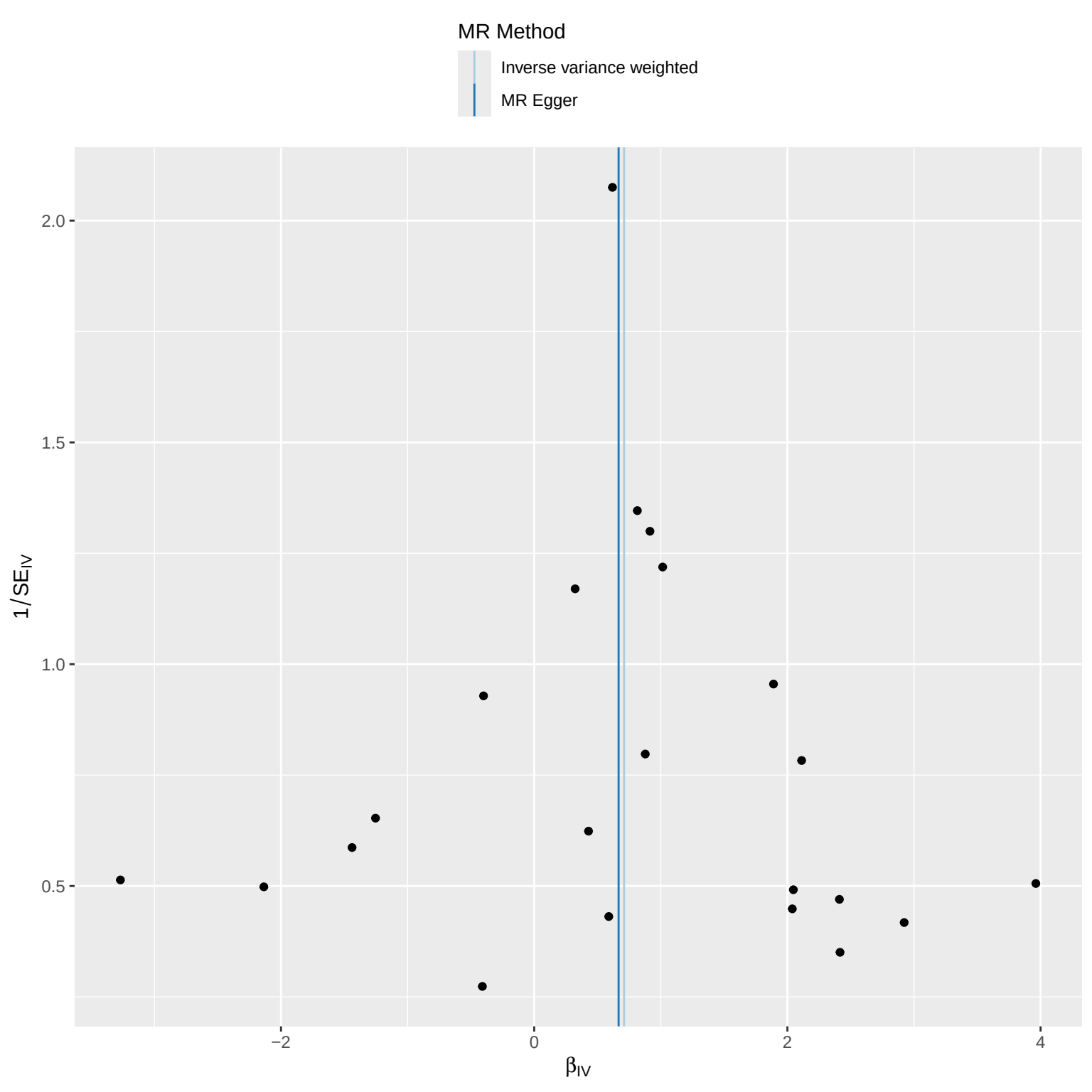

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

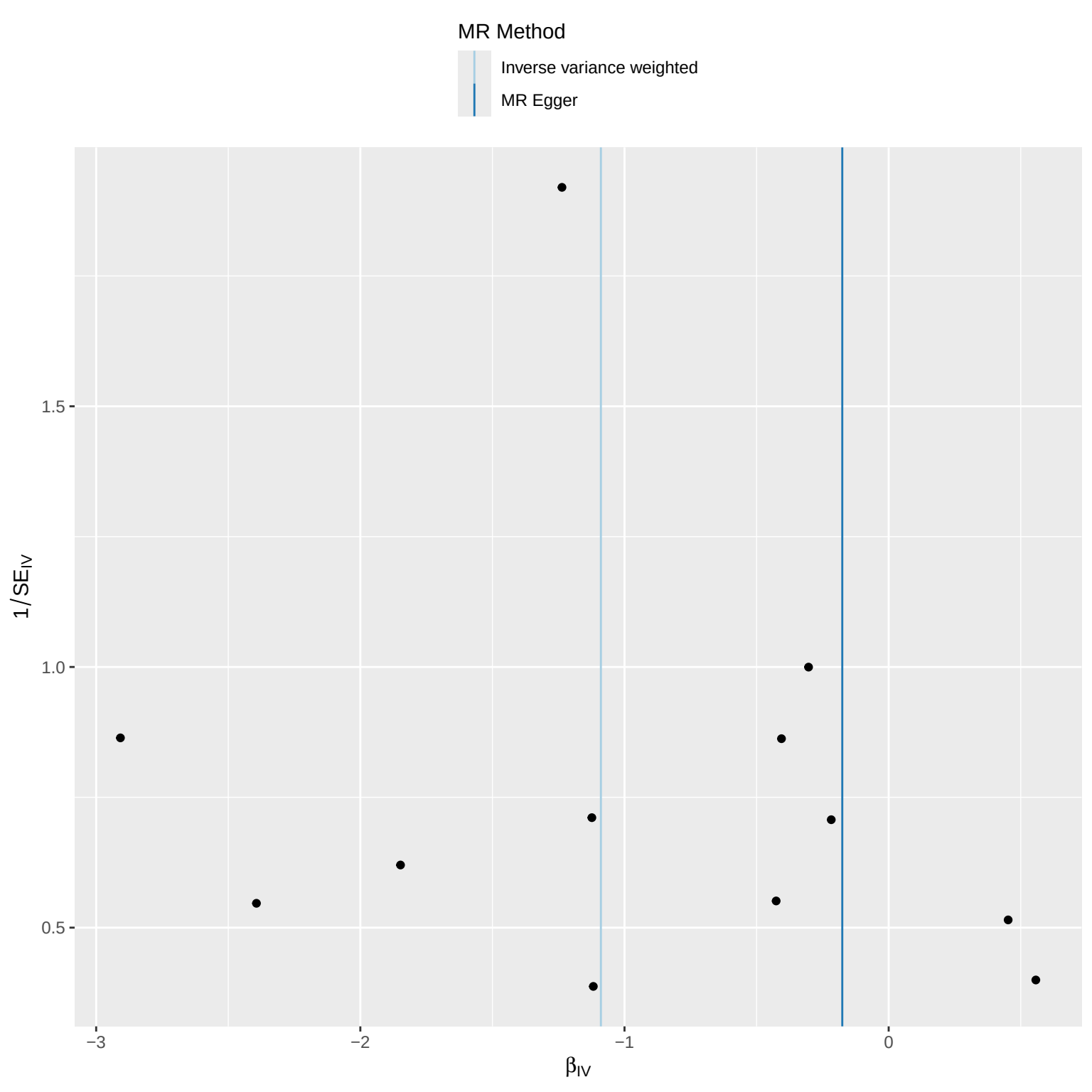

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

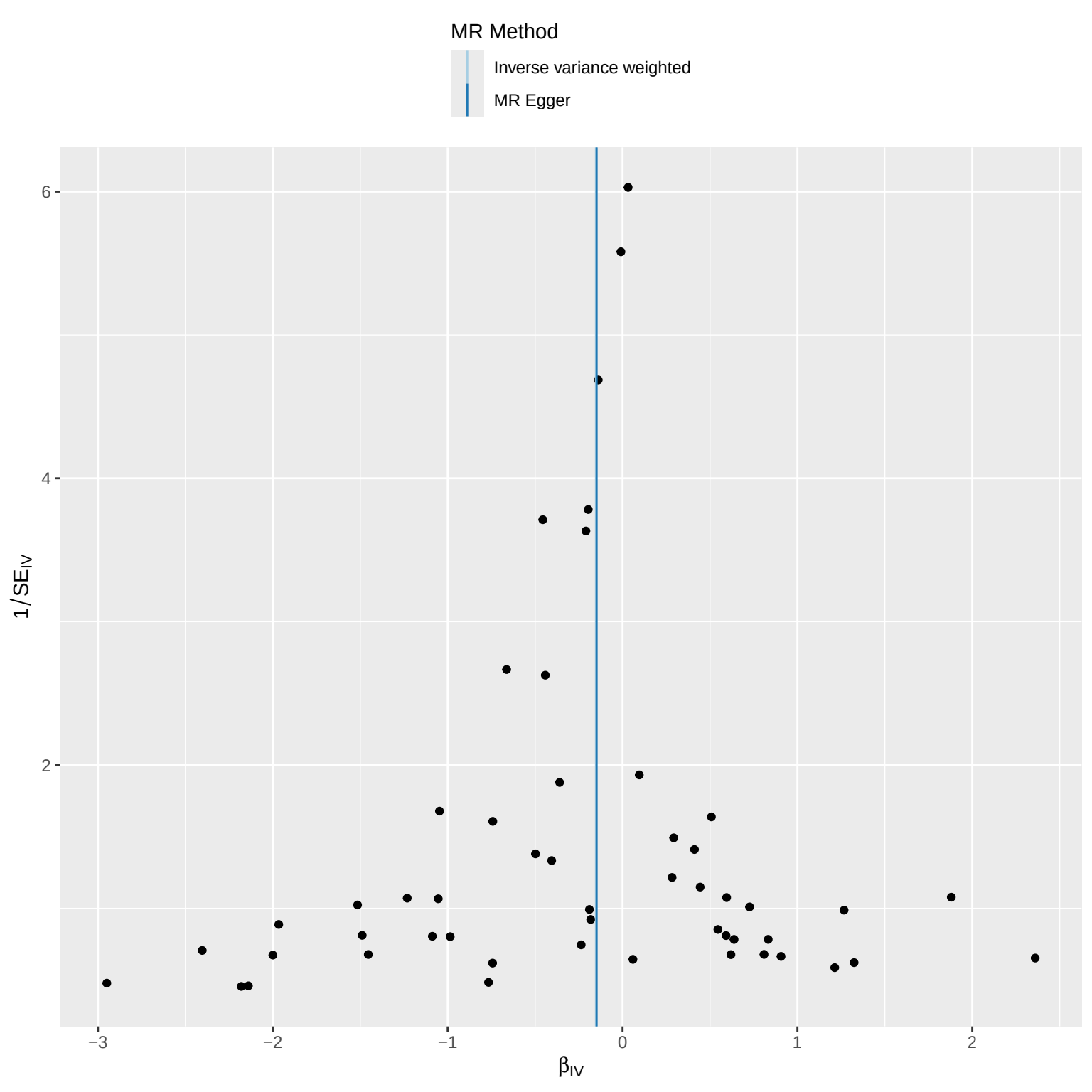

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

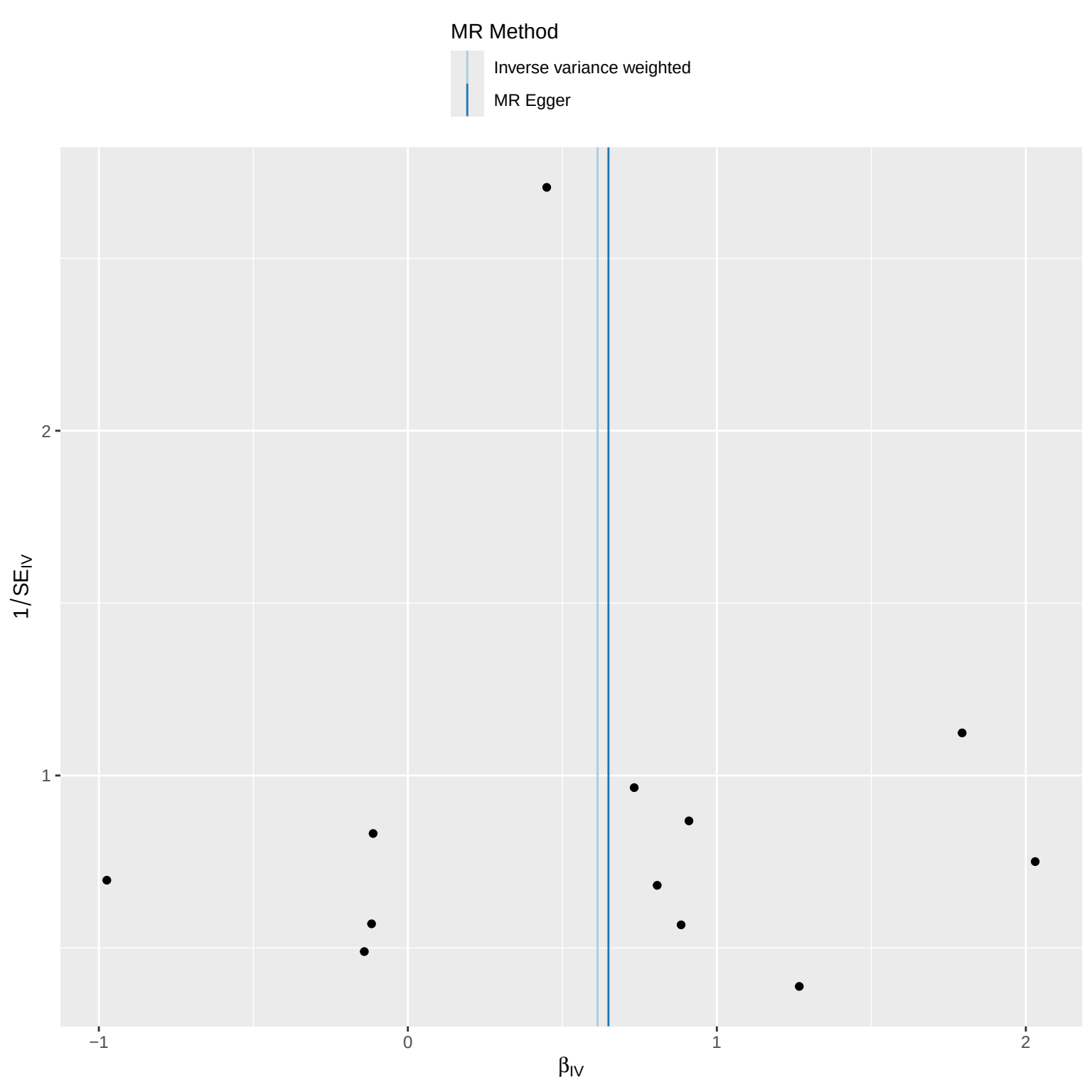

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

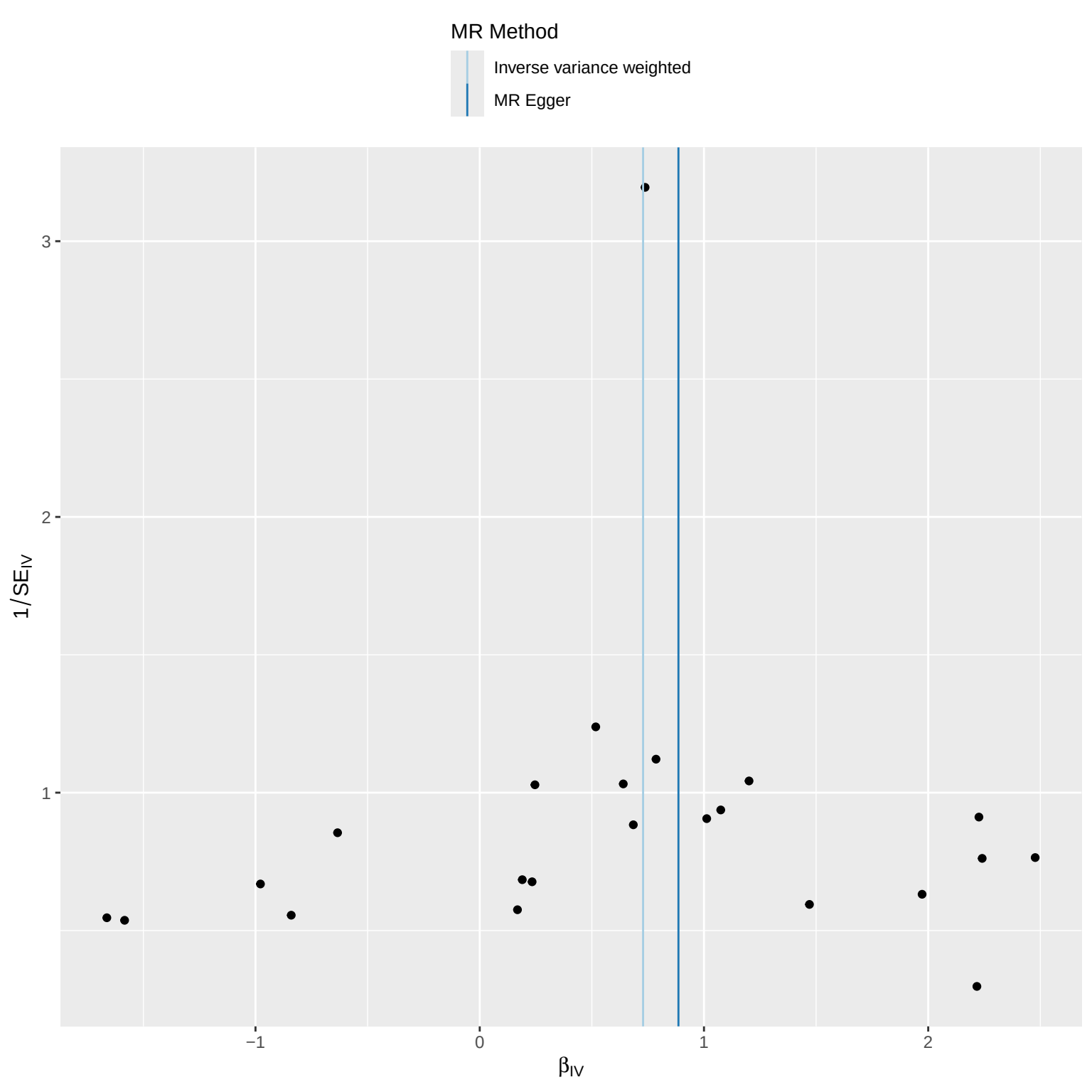

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

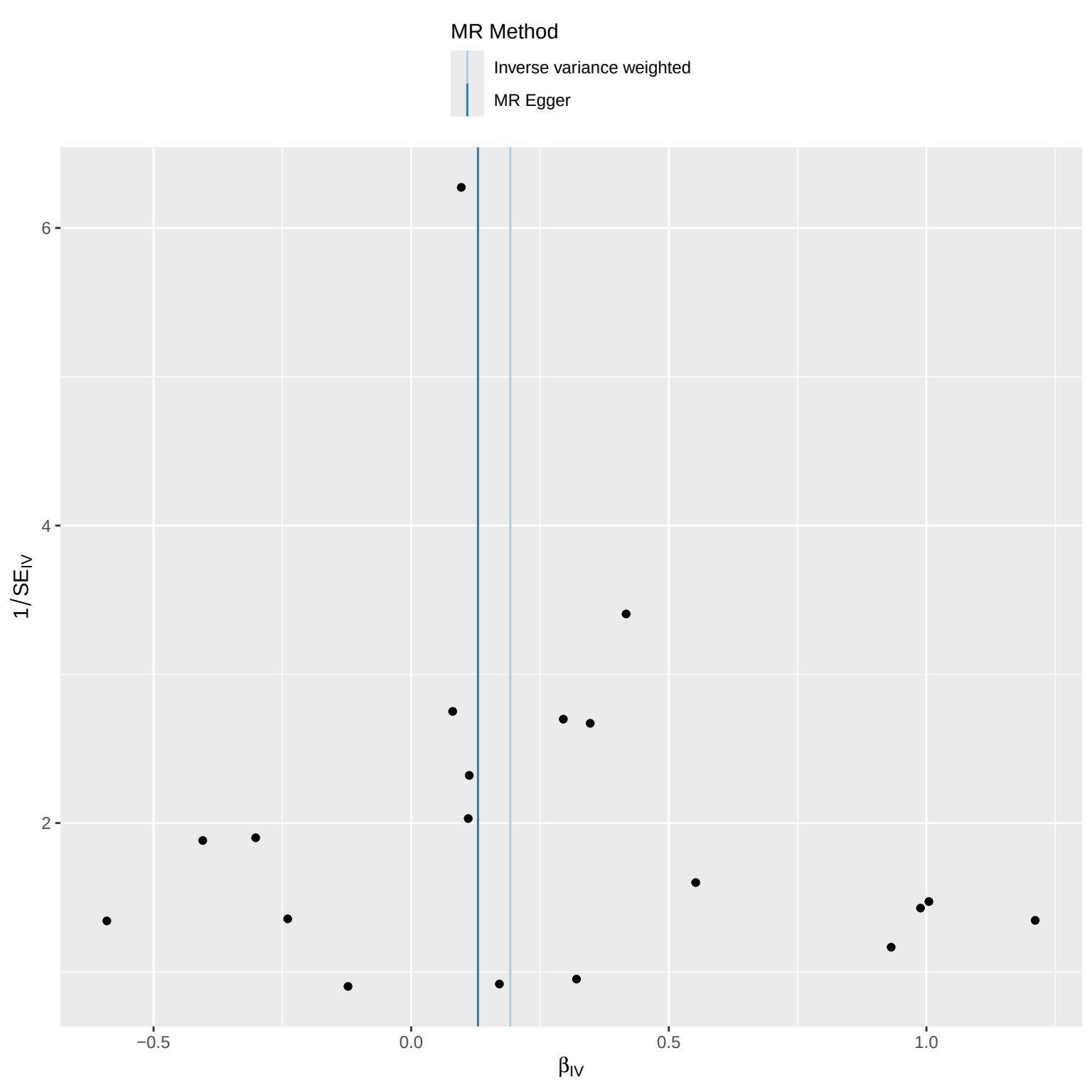

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

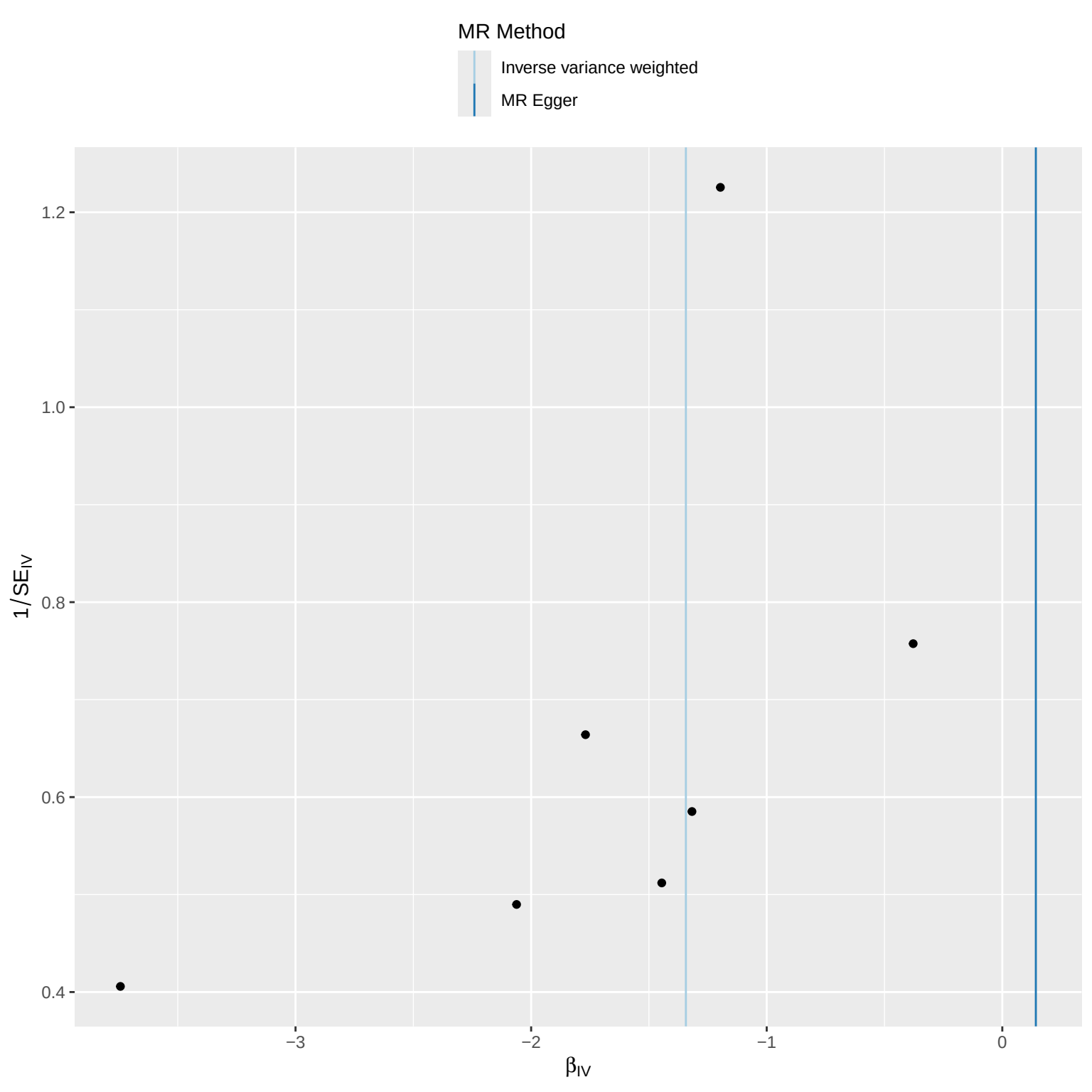

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

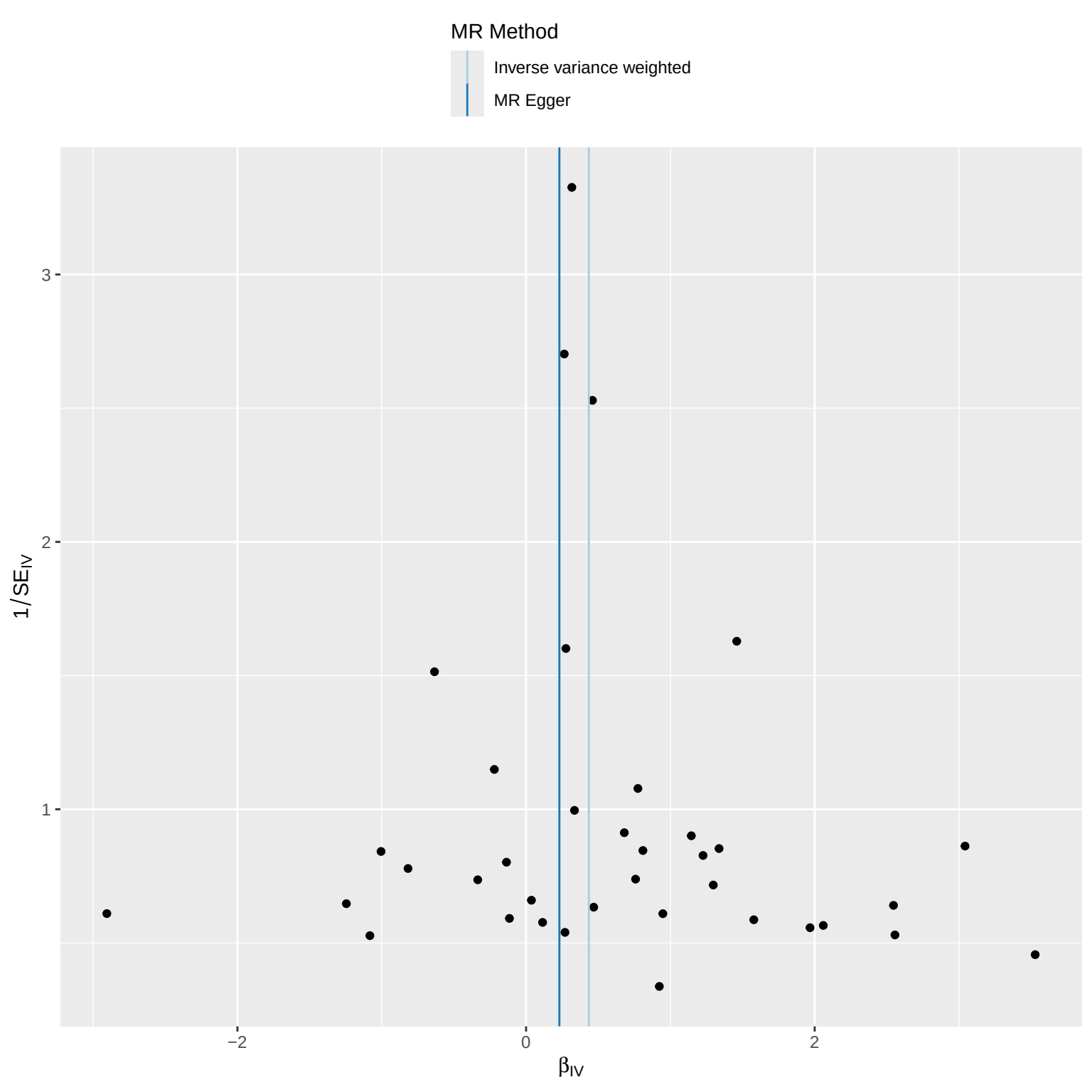

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

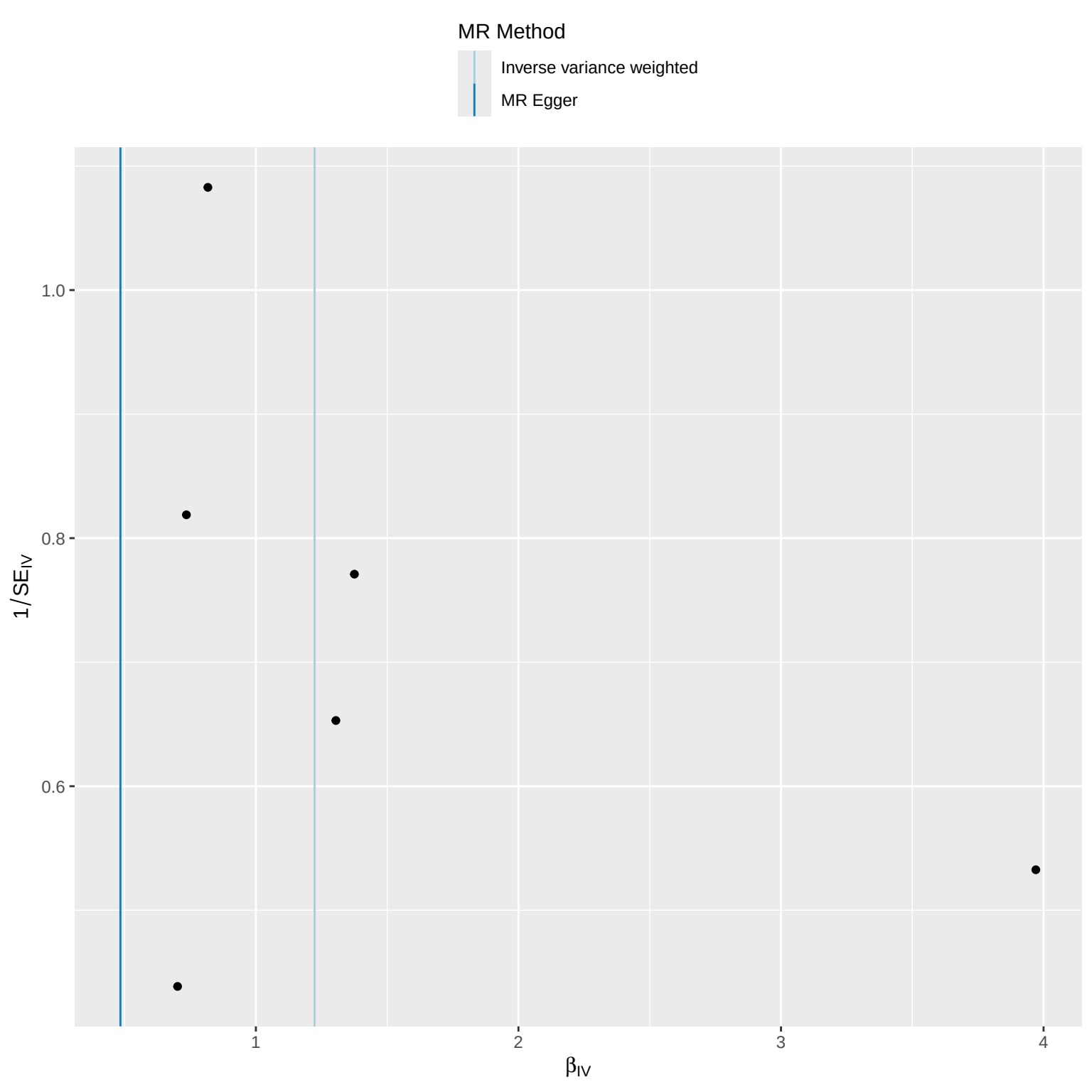

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

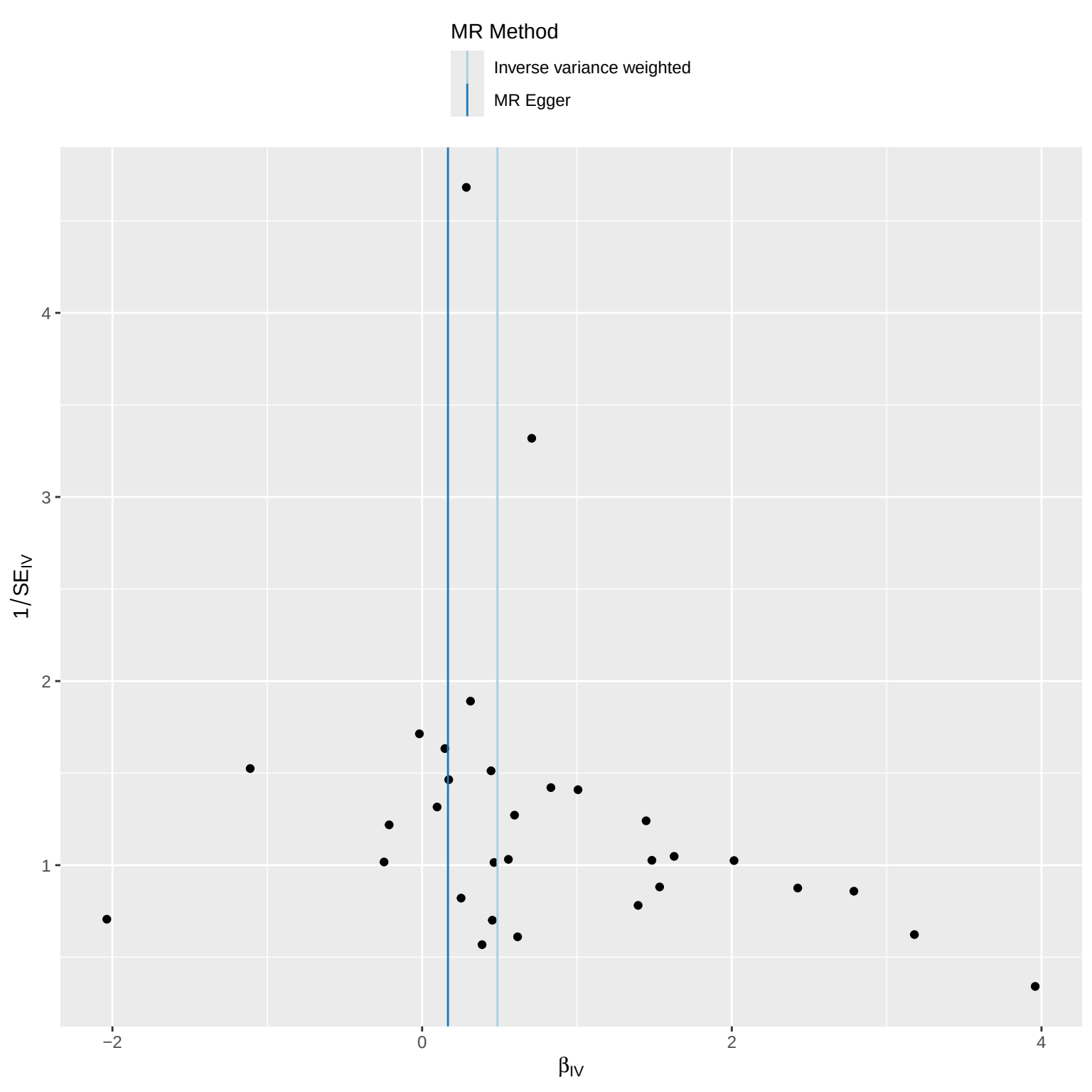

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

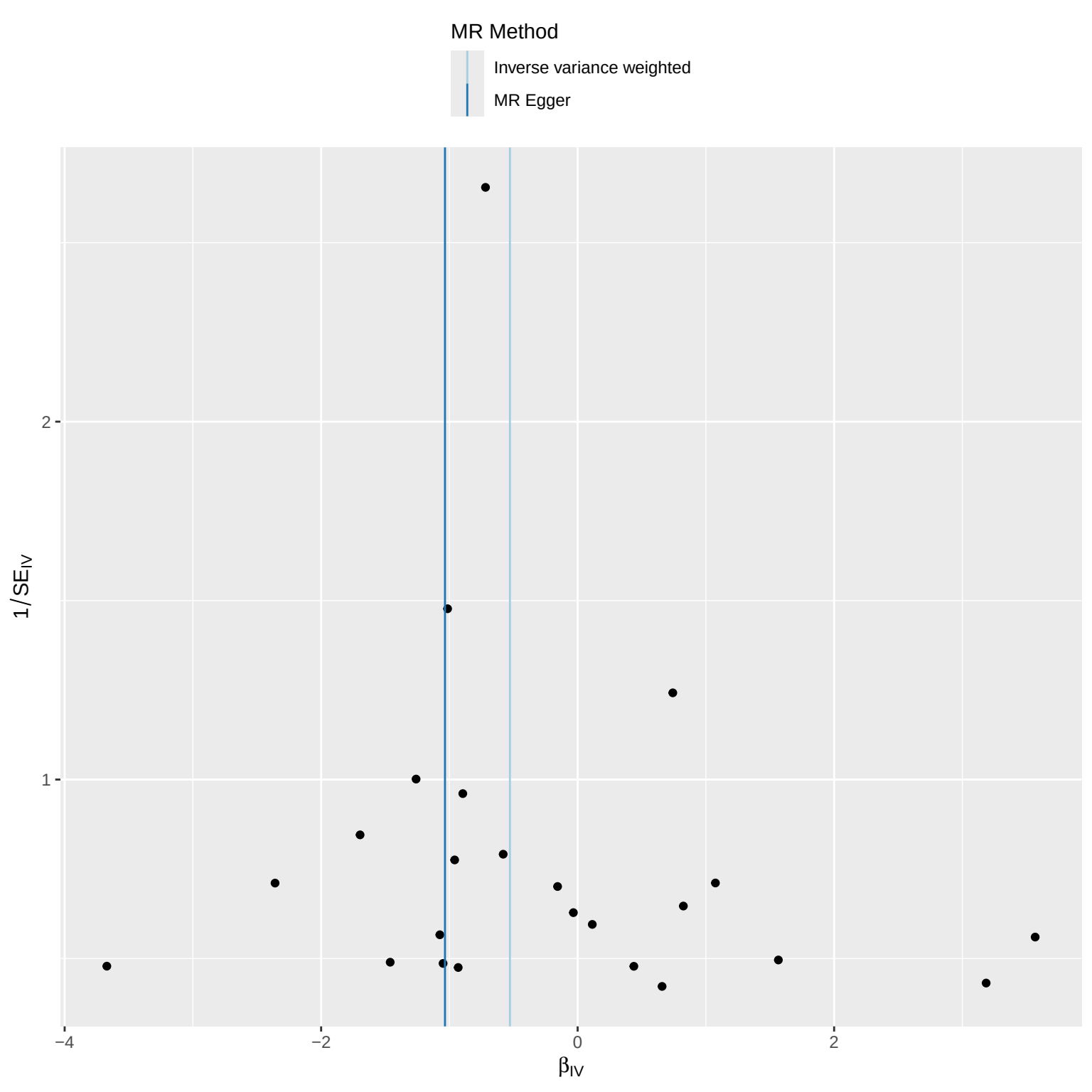

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

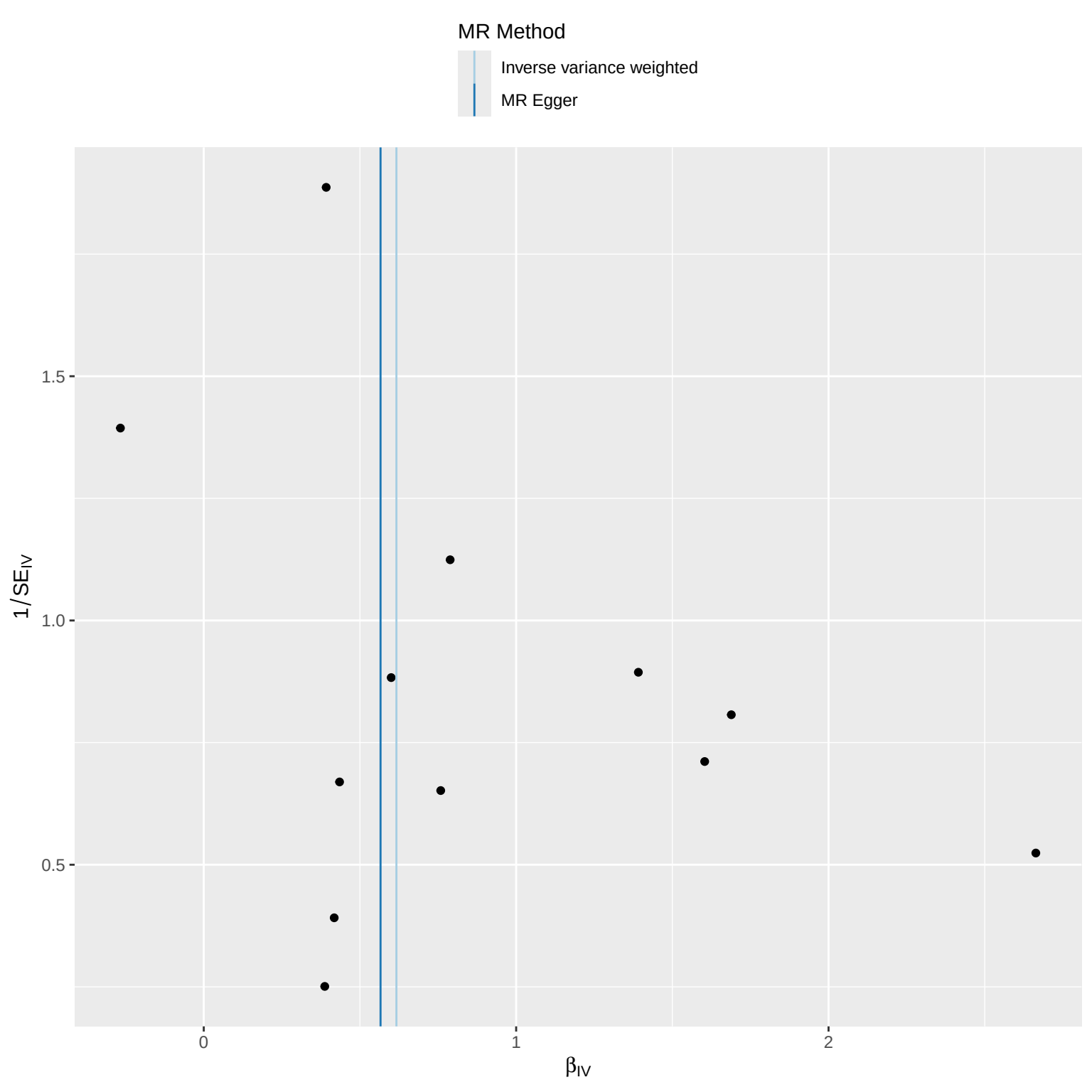

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
β_IV

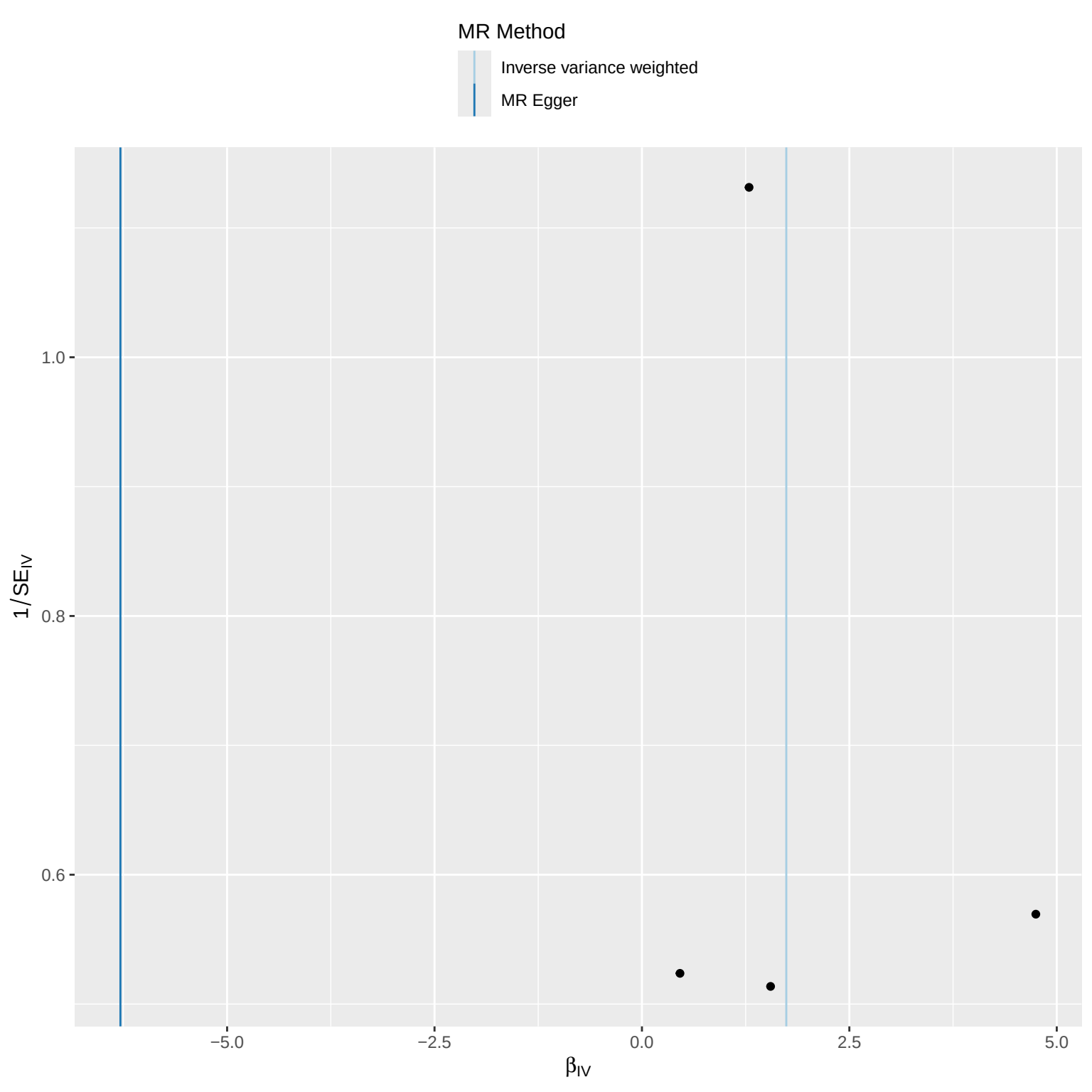

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

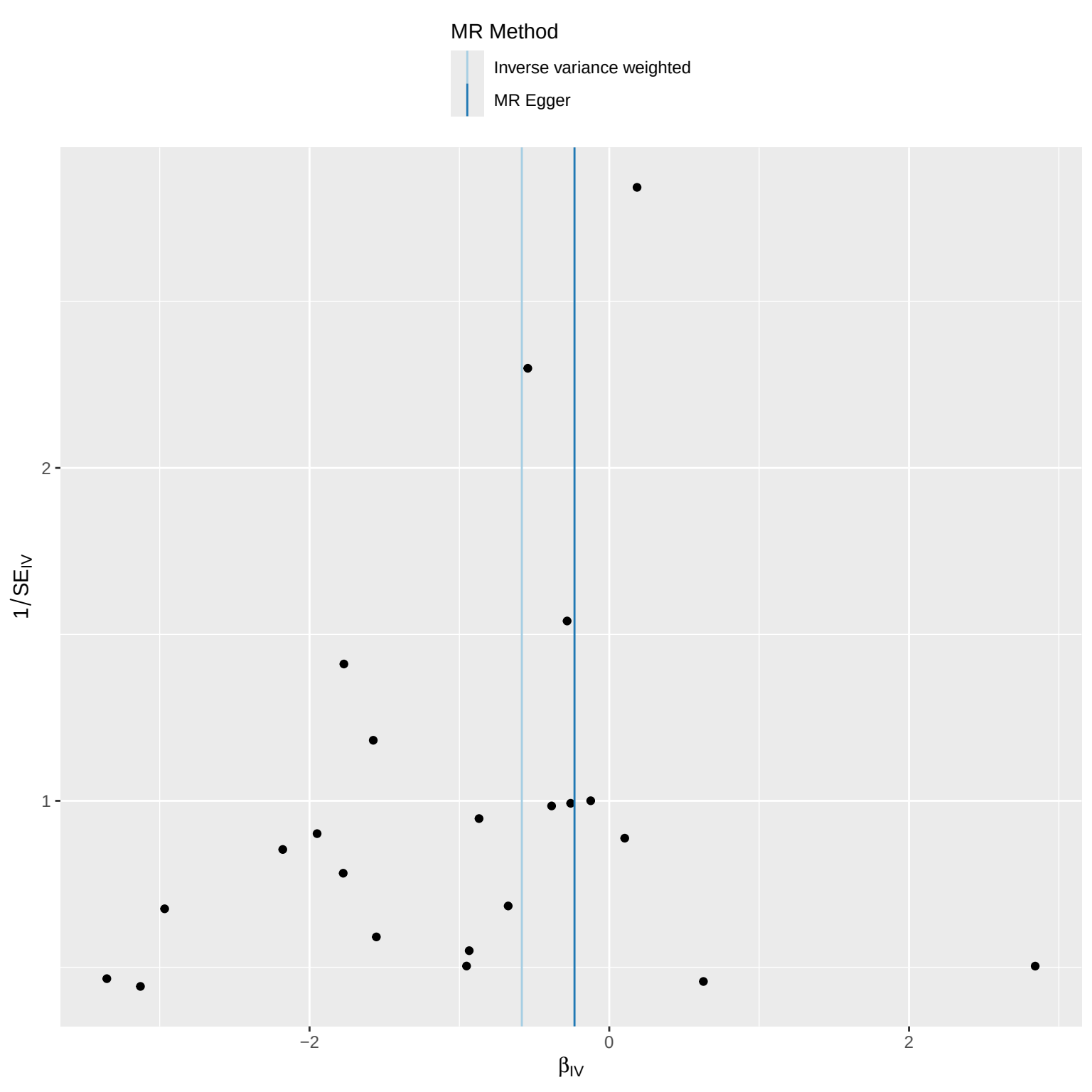

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
1
2
3
4
β_IV

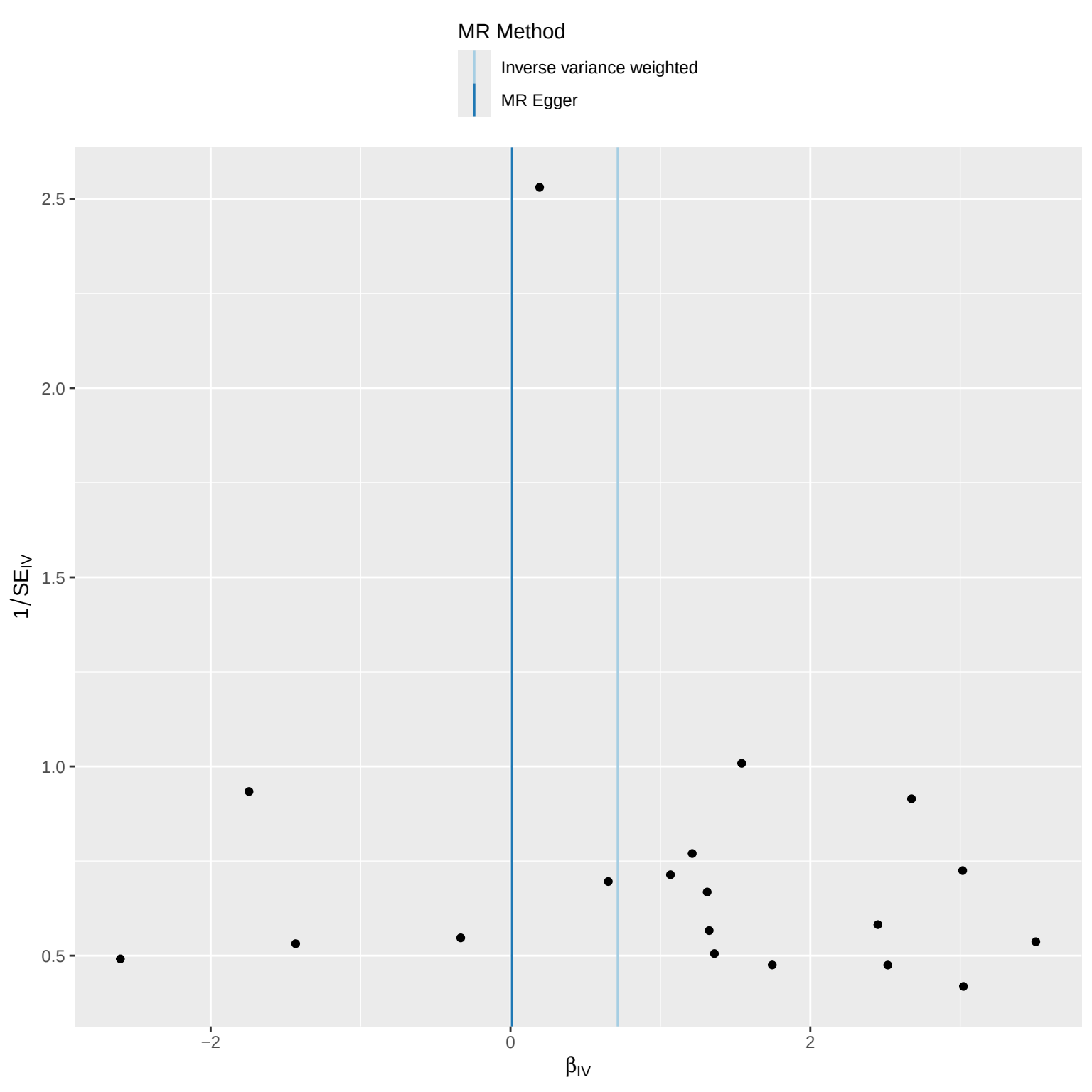

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

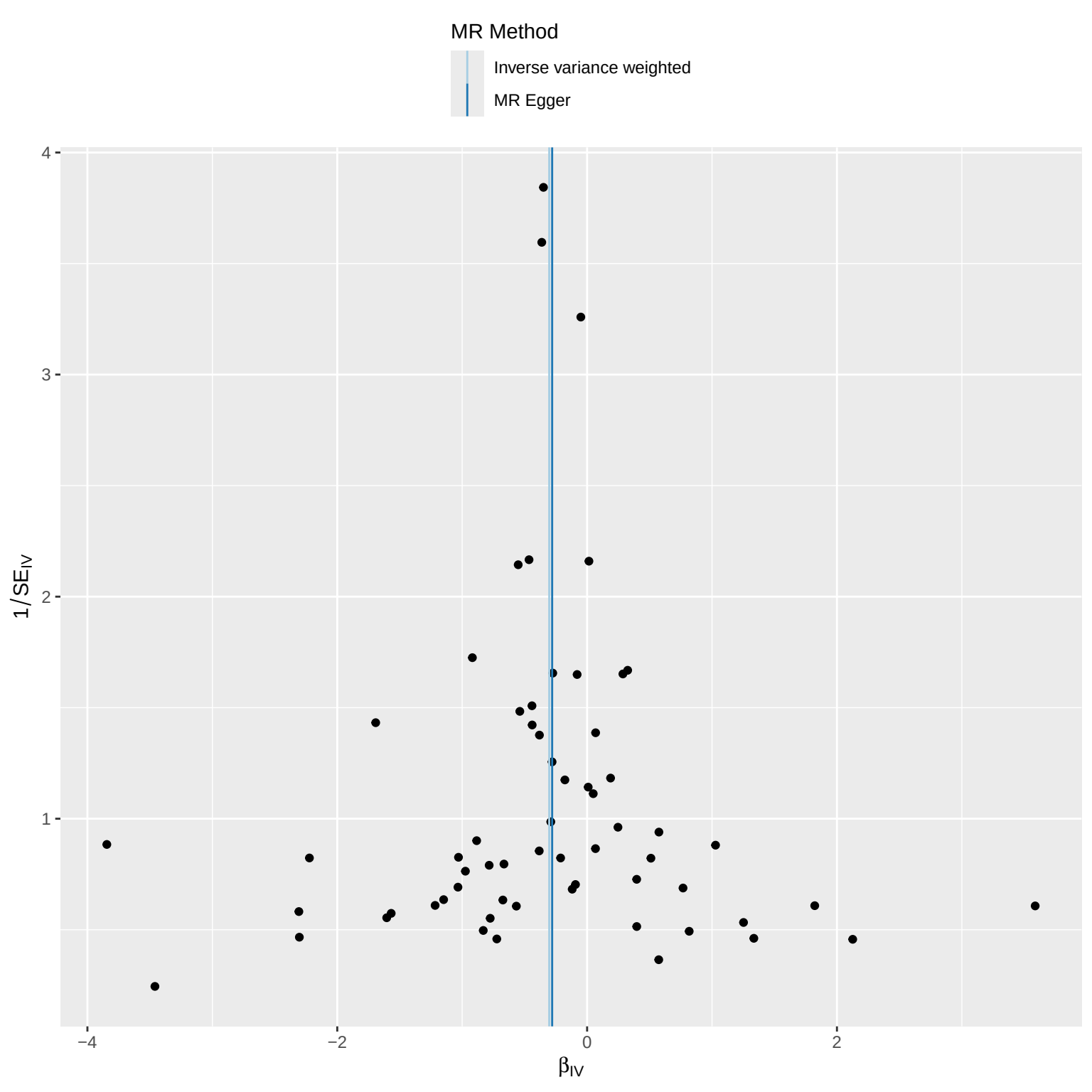

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−4
−2
0
2
β_IV

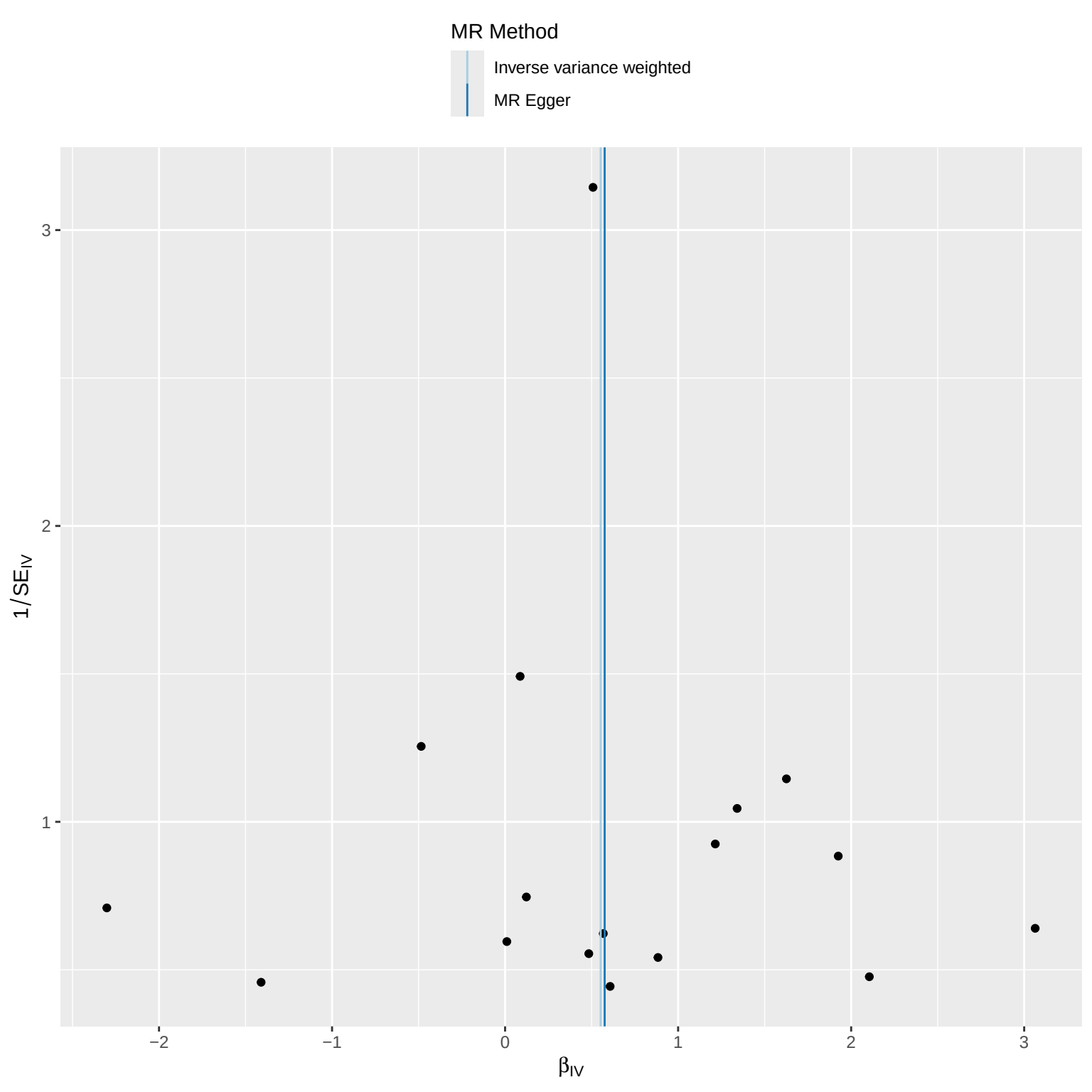

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

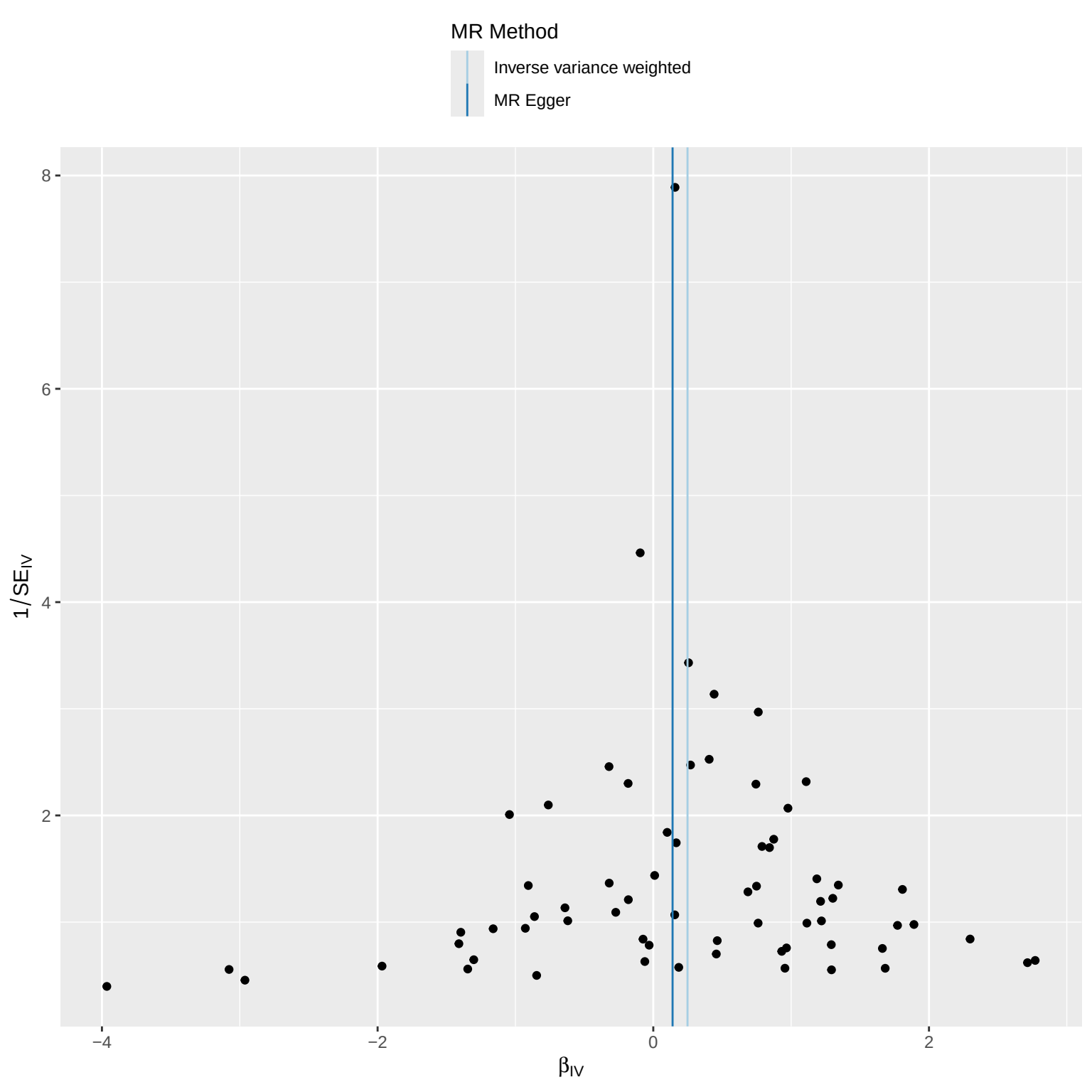

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

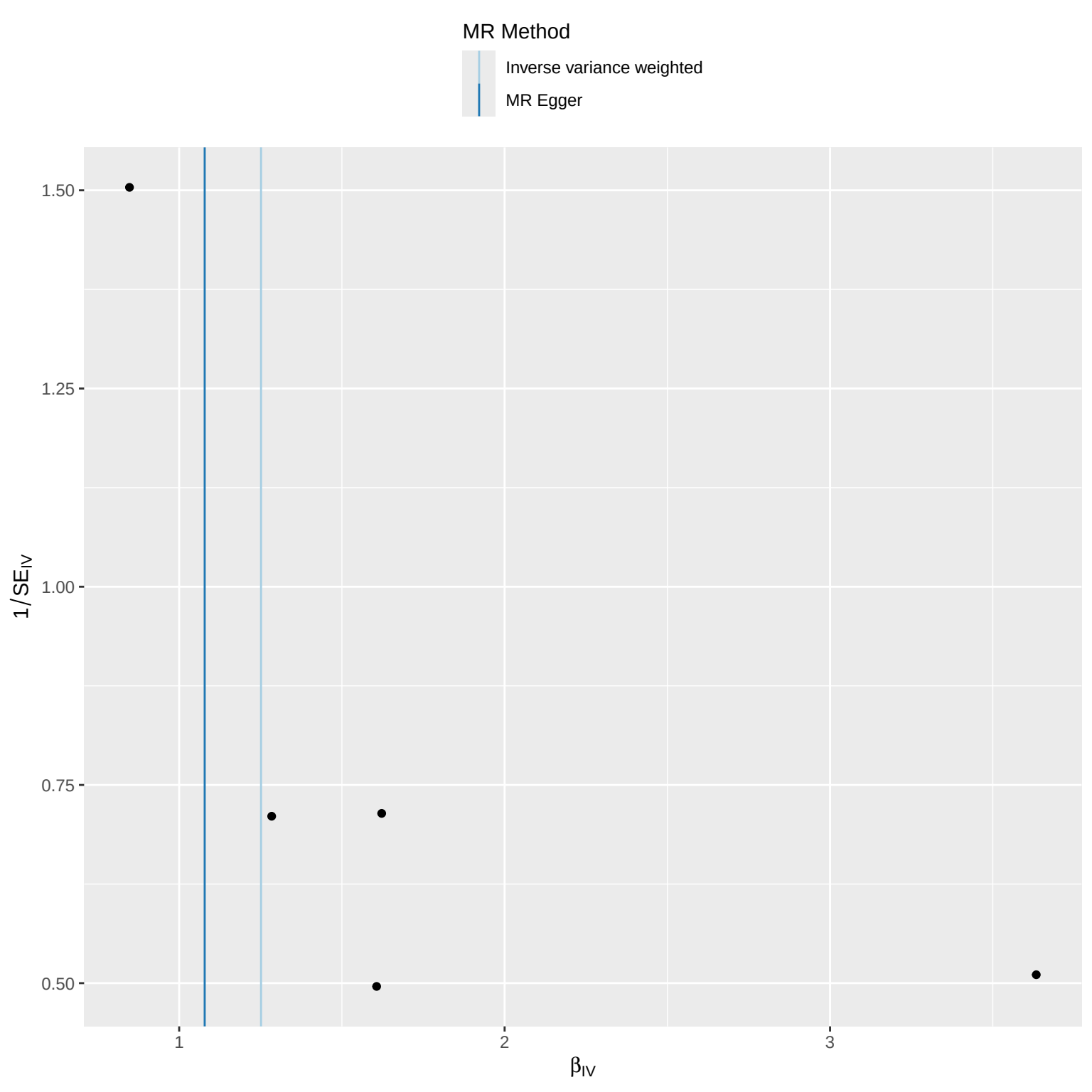

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

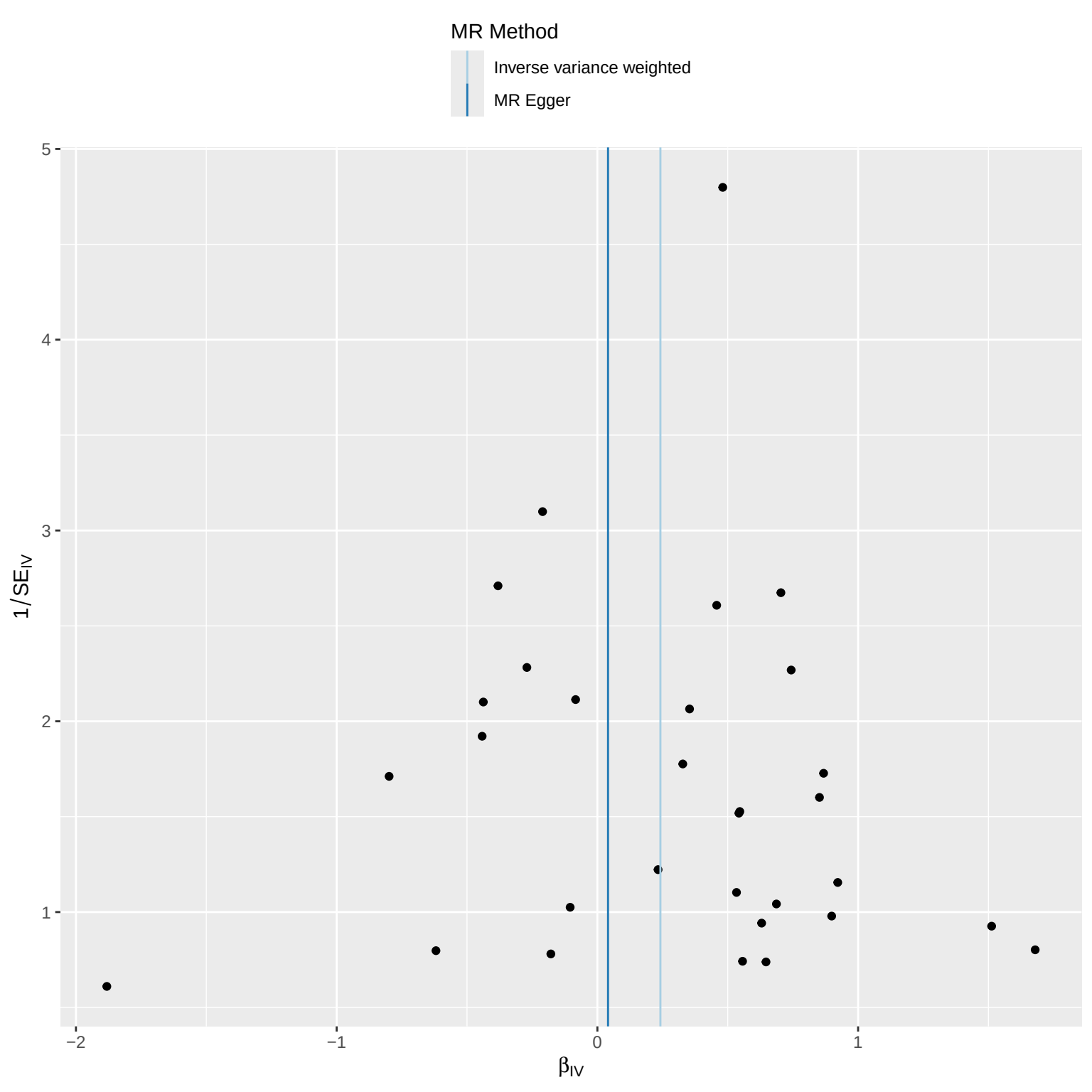

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

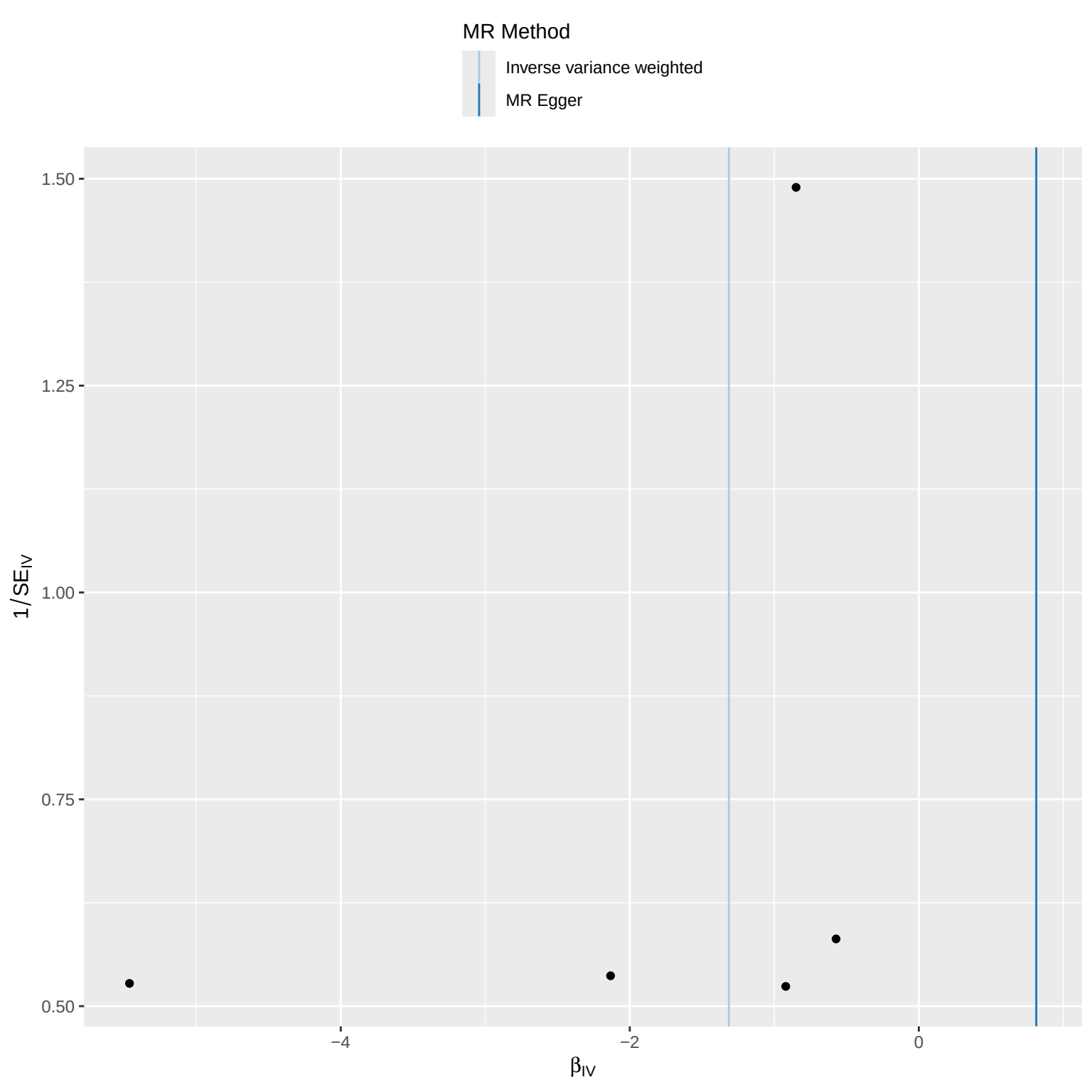

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

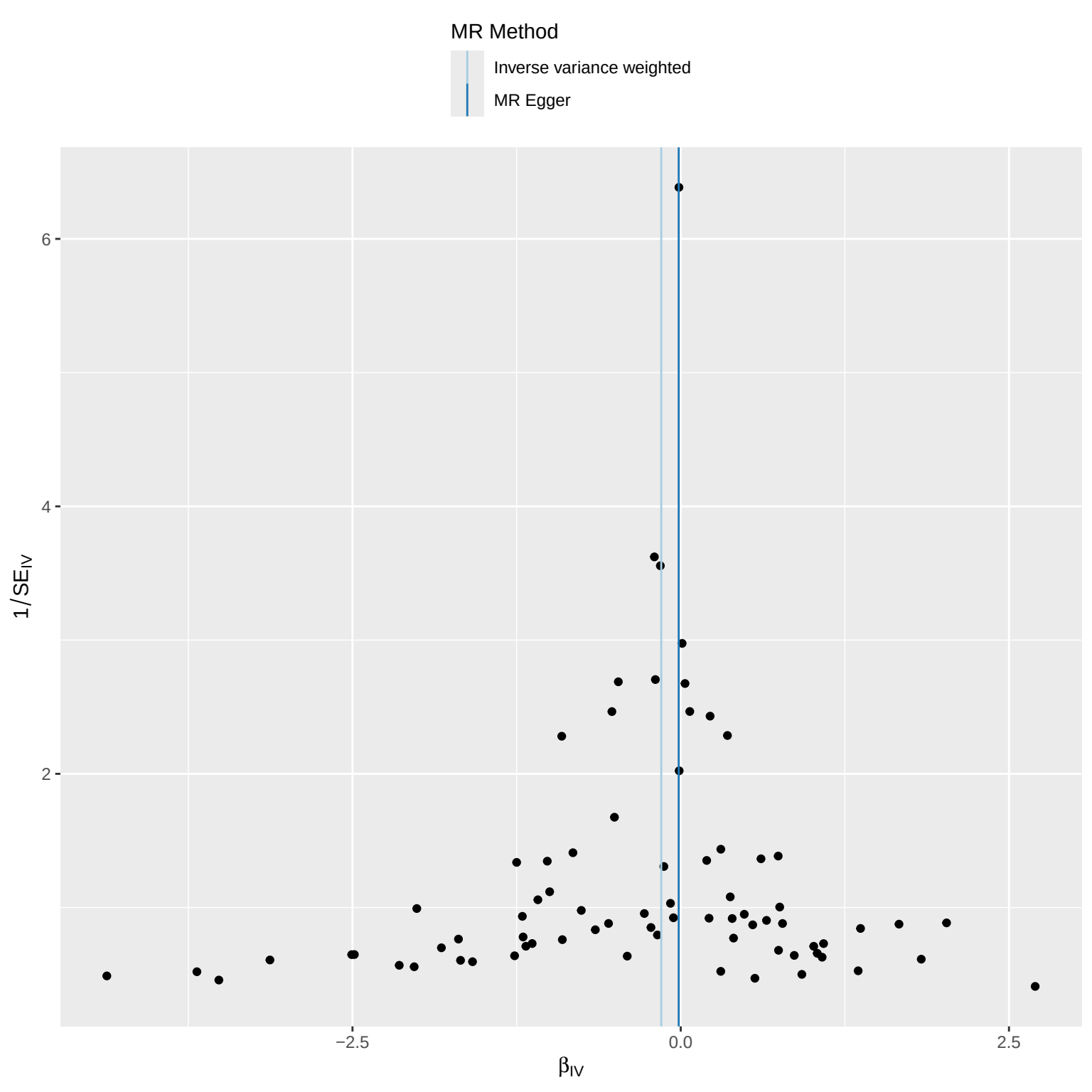

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

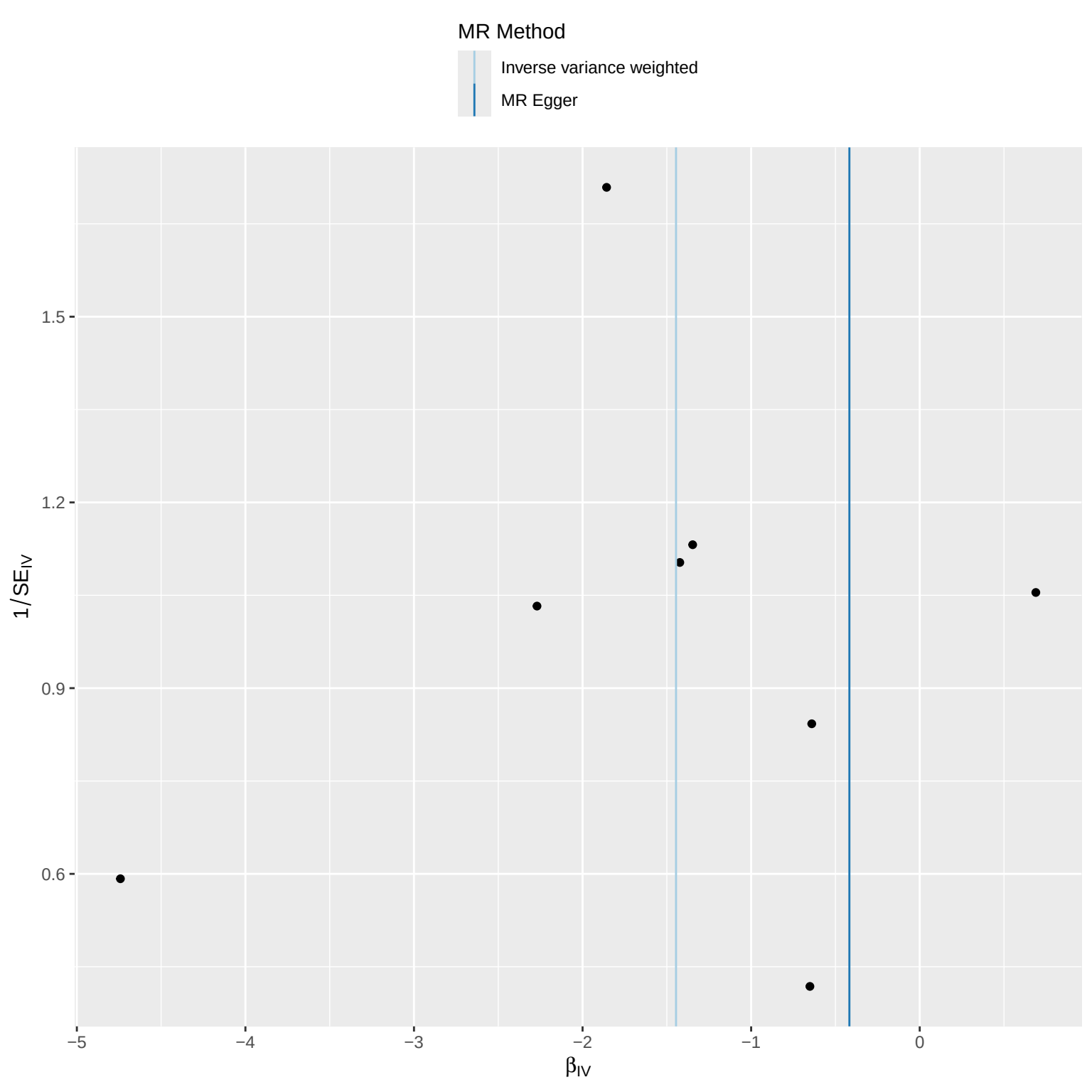

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

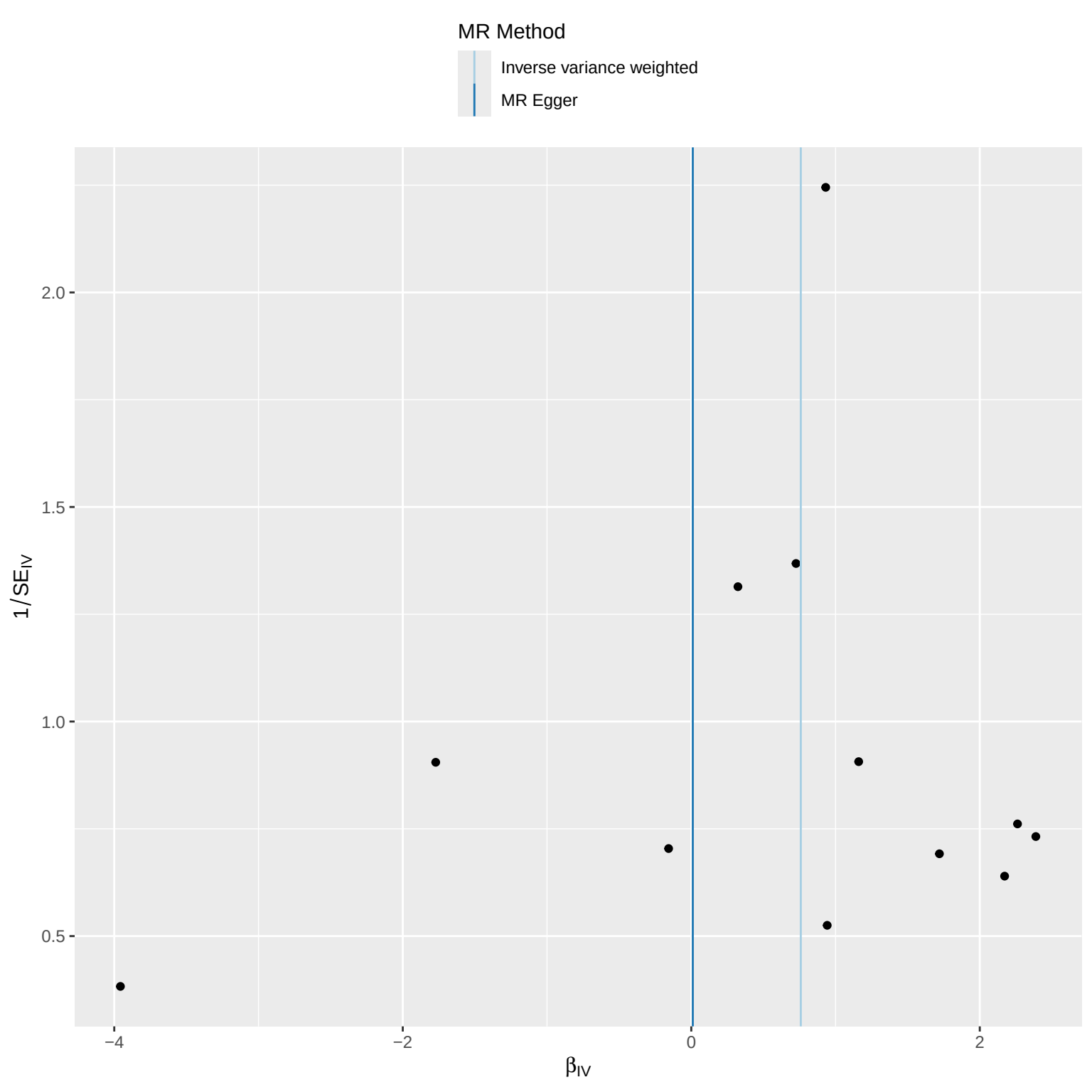

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
1
2
3
β_IV

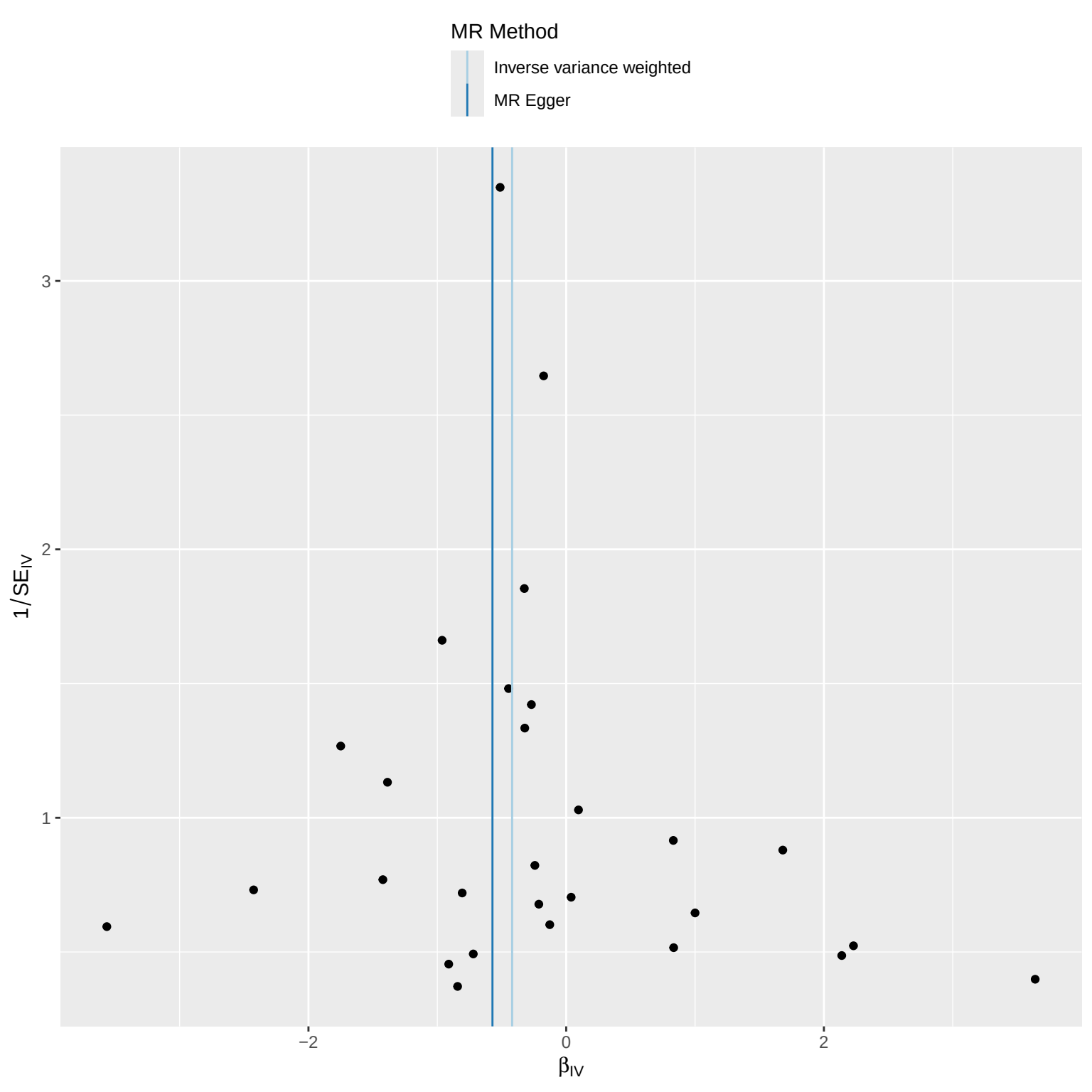

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

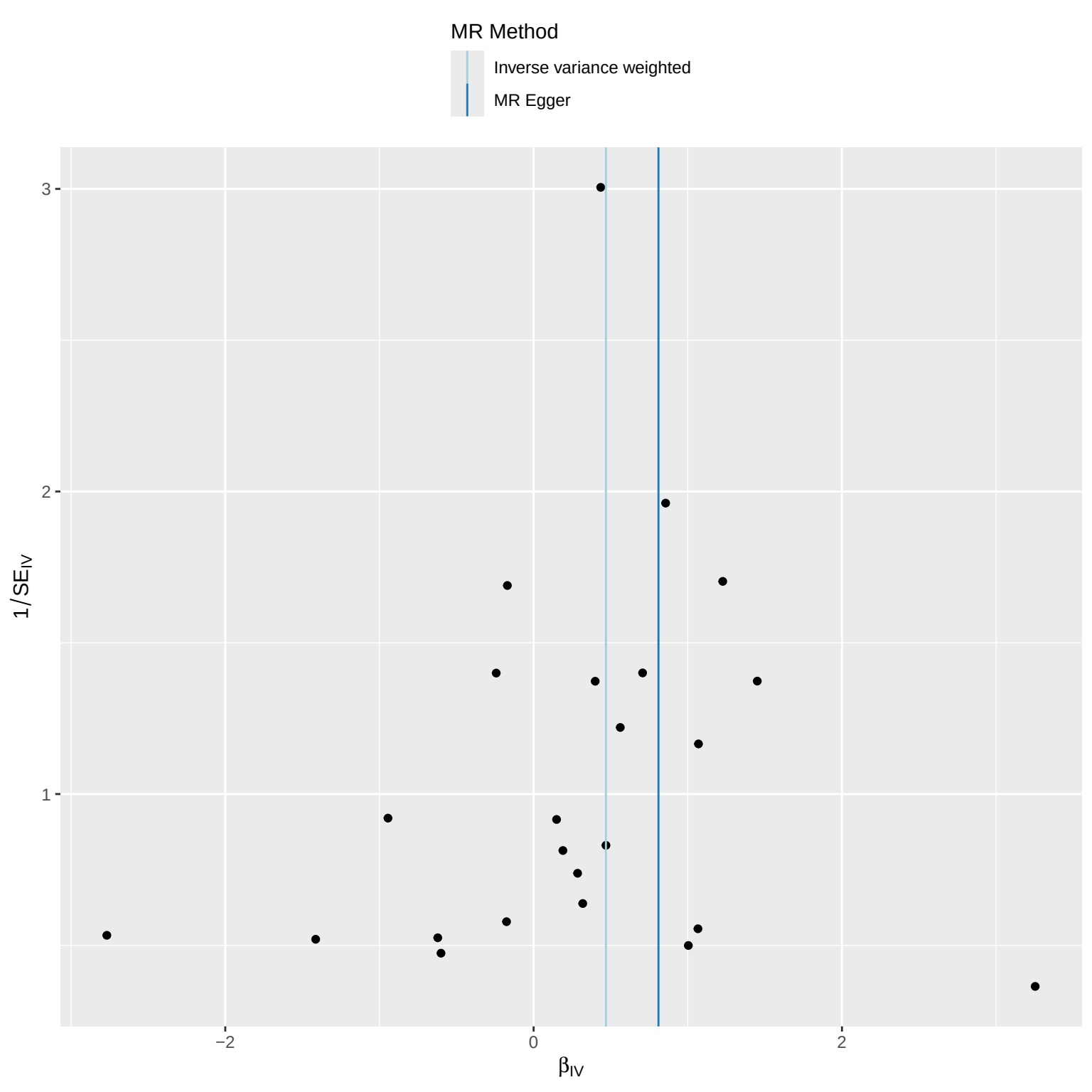

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−4
−2
0
β_IV

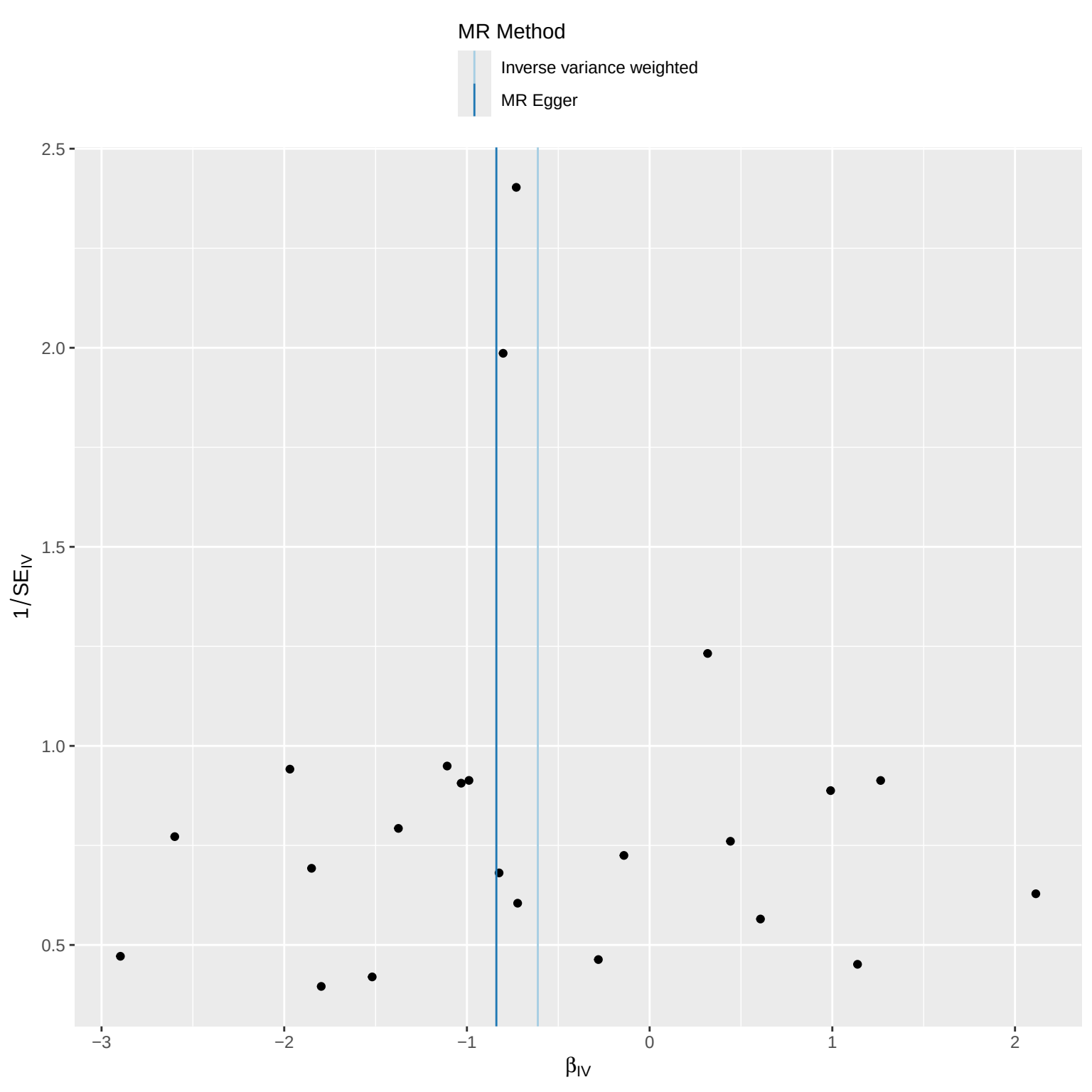

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2.5
0.0
2.5
β_IV

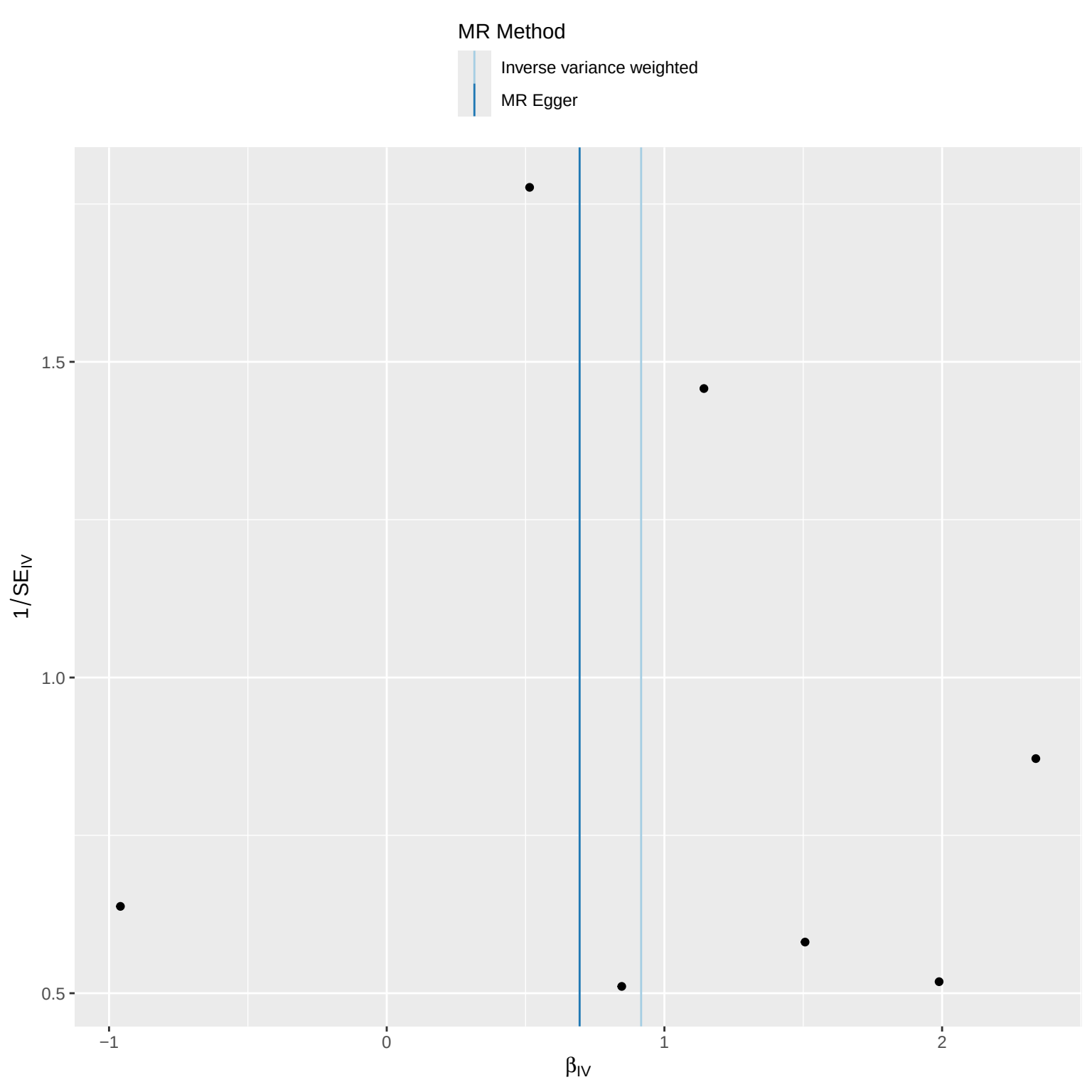

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−5
−4
−3
−2
−1
0
β_IV

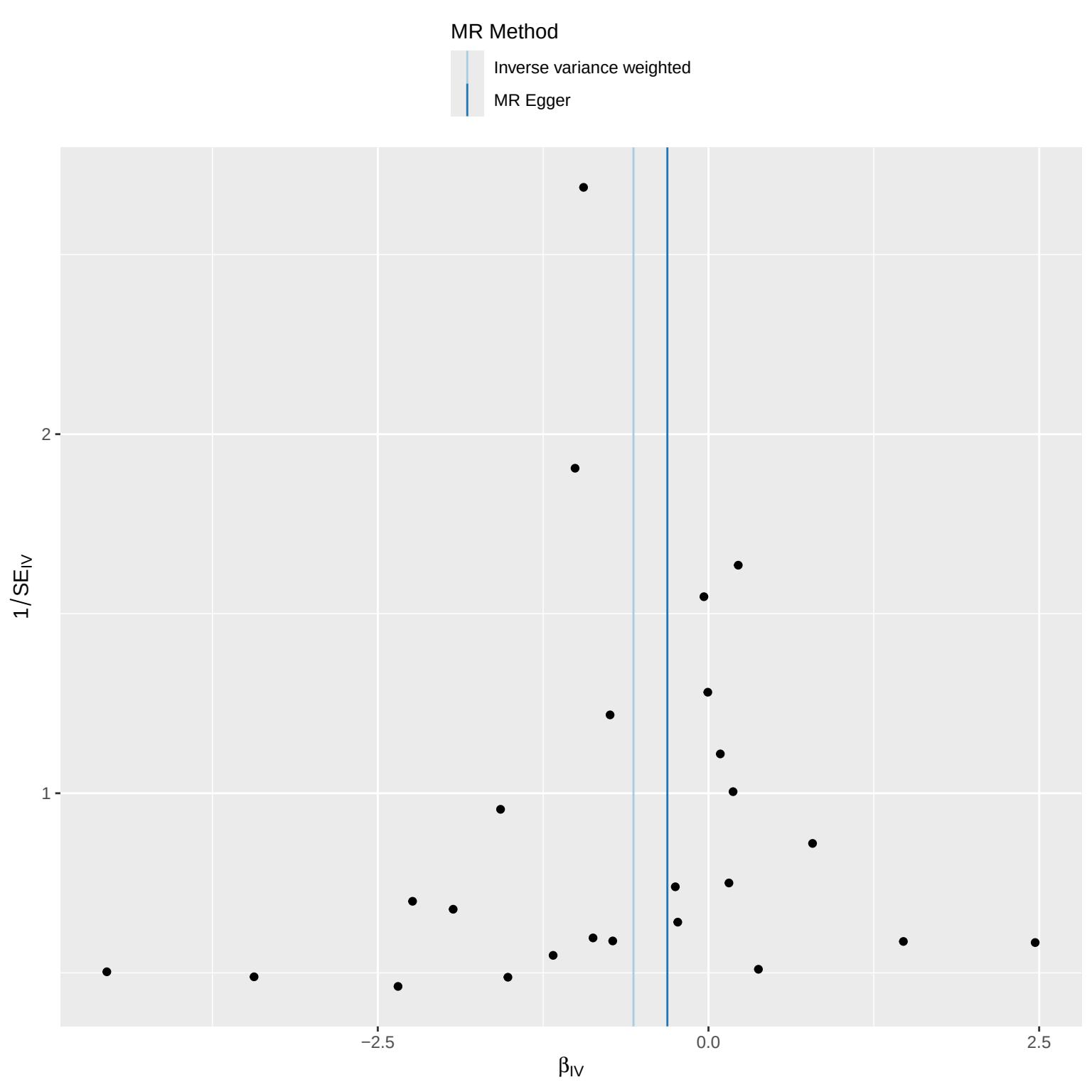

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

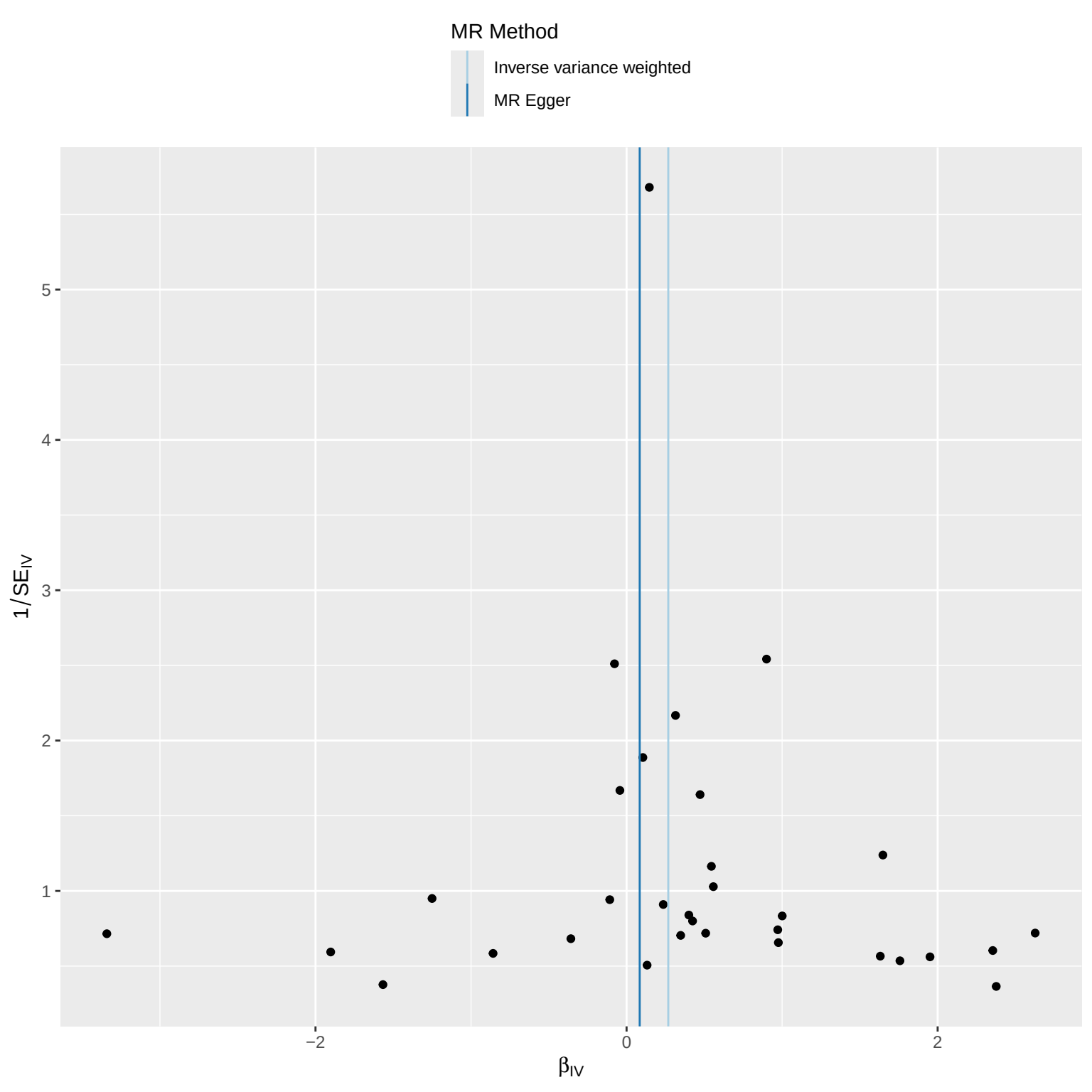

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

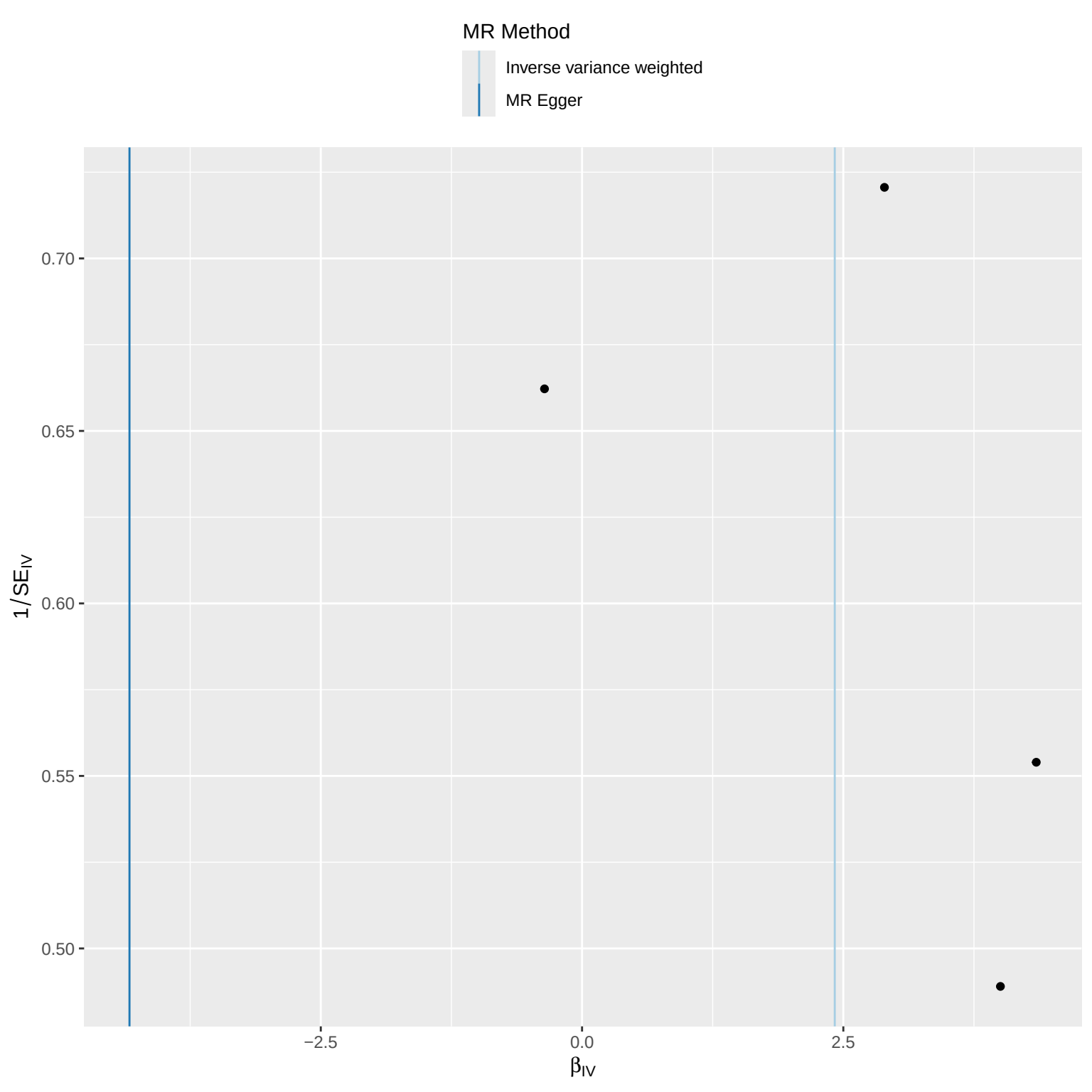

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

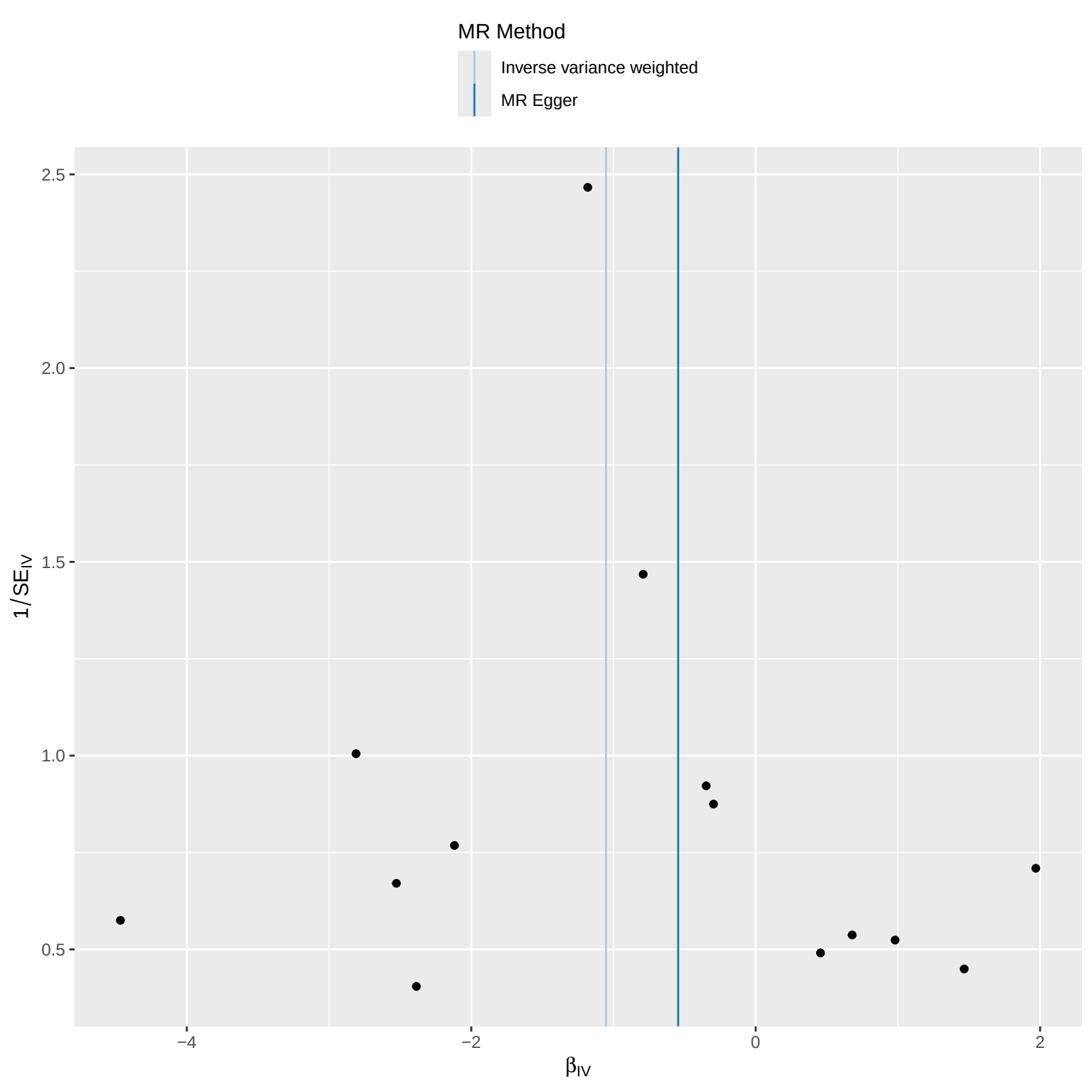

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

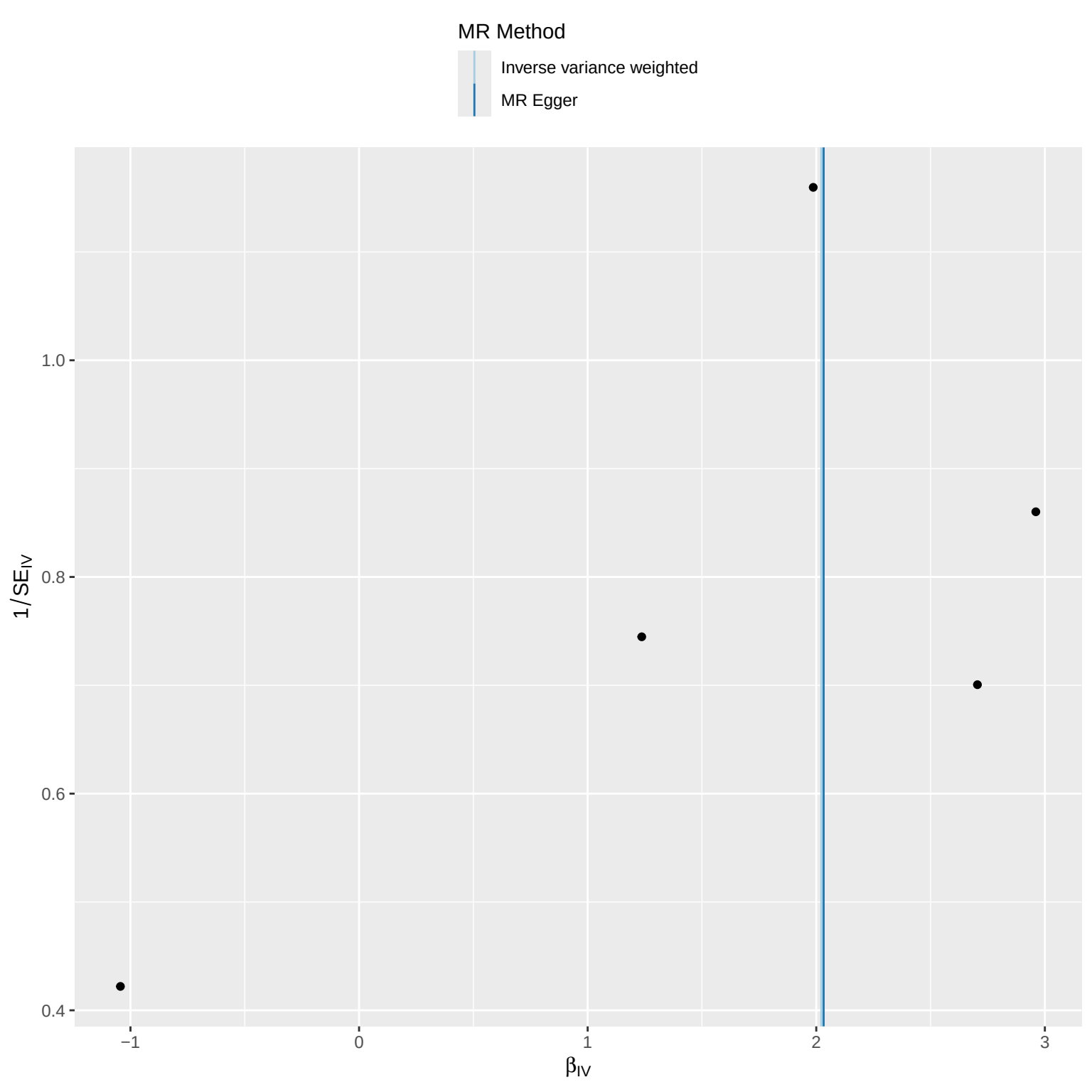

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

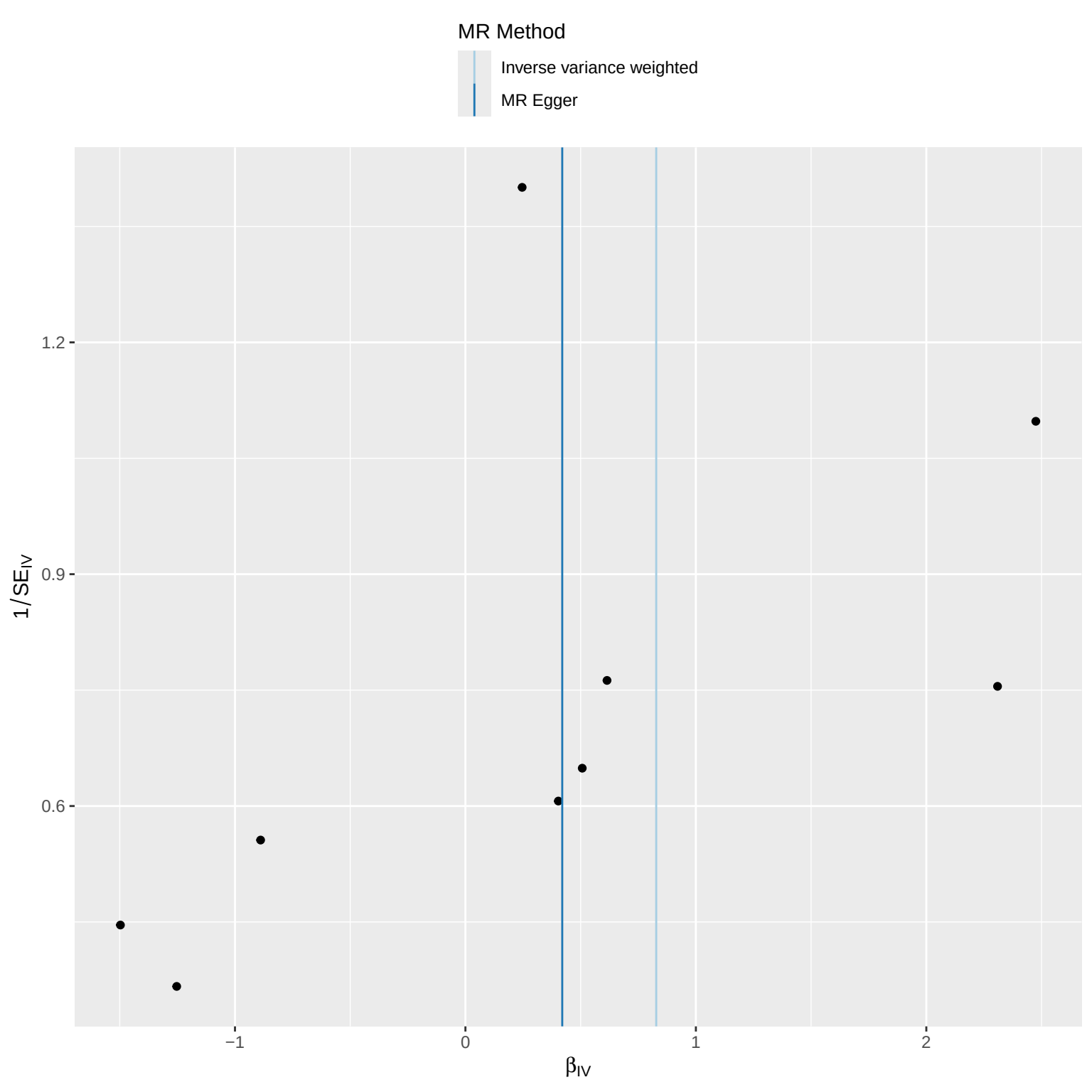

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

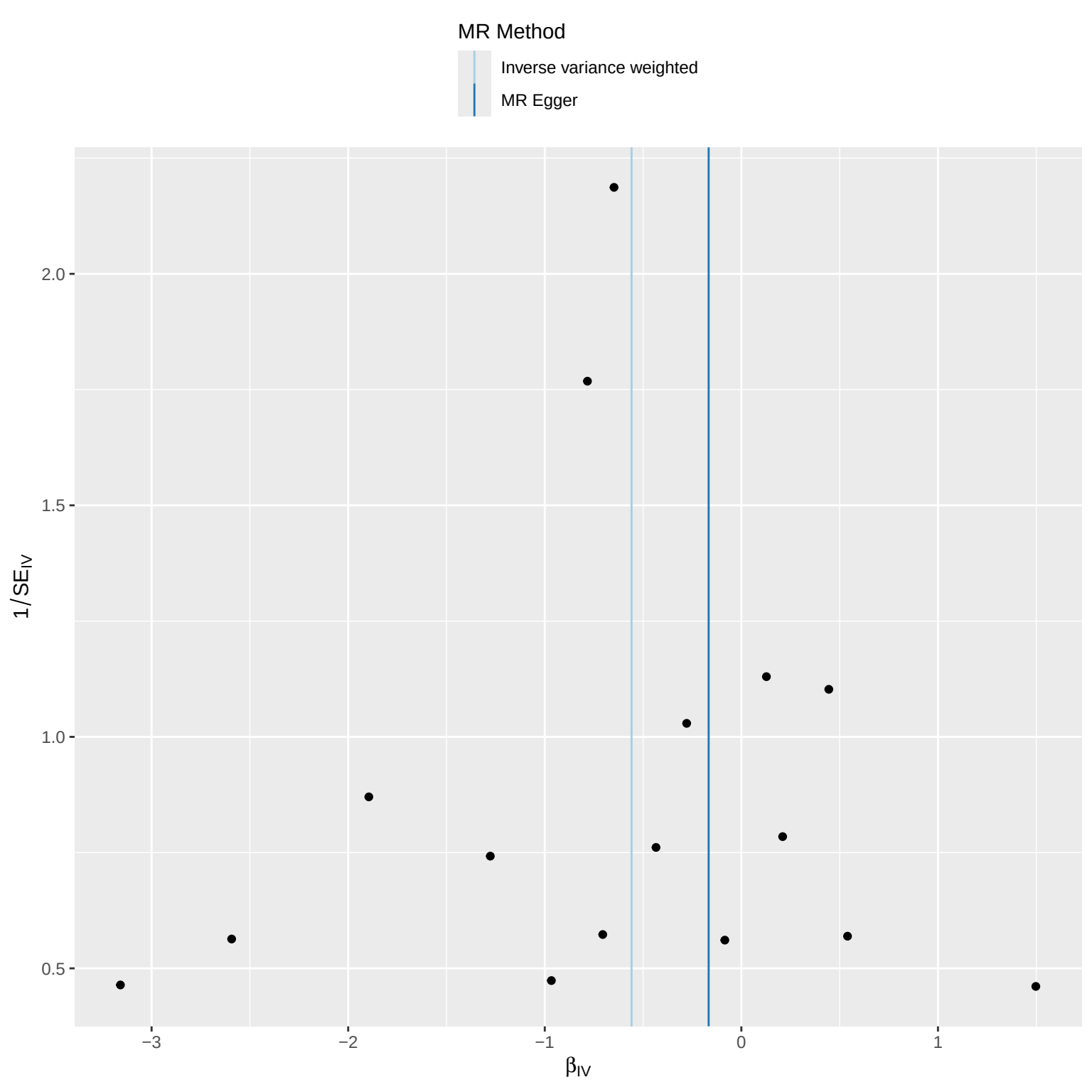

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

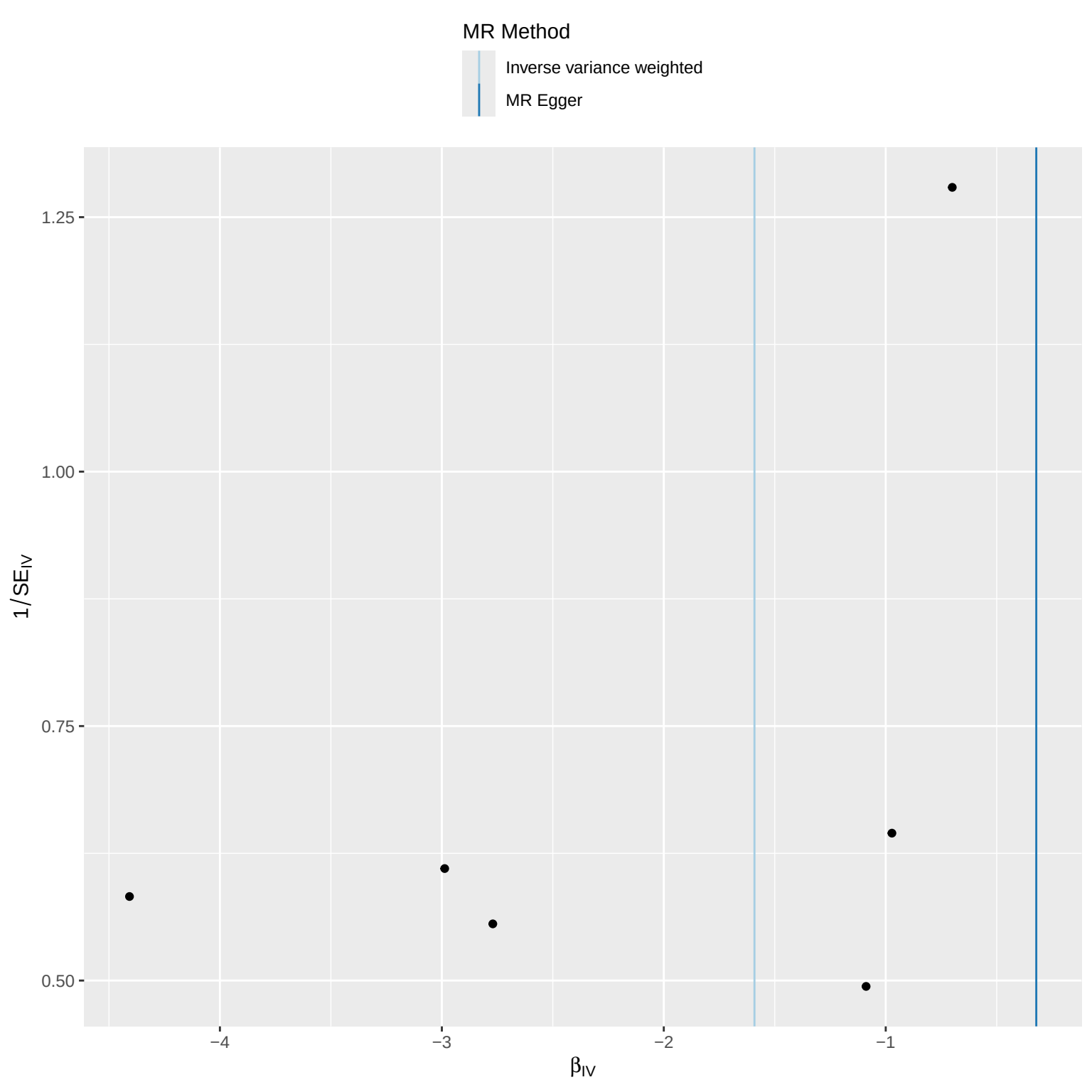

MR Method
Inverse variance weighted
MR Egger
0.70
0.65
0.60
0.55
0.50
1/SE_IV
−2.5
0.0
2.5
β_IV

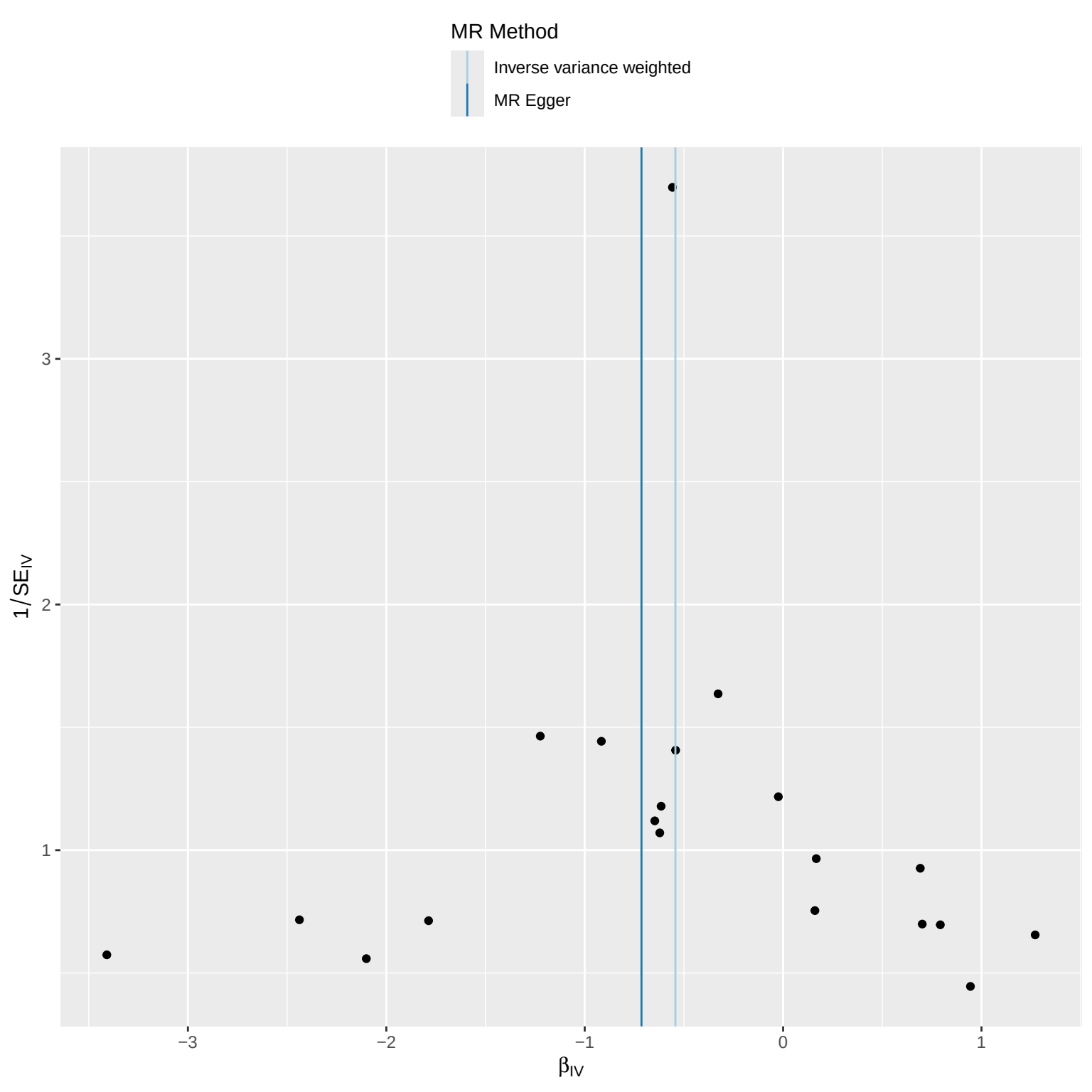

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

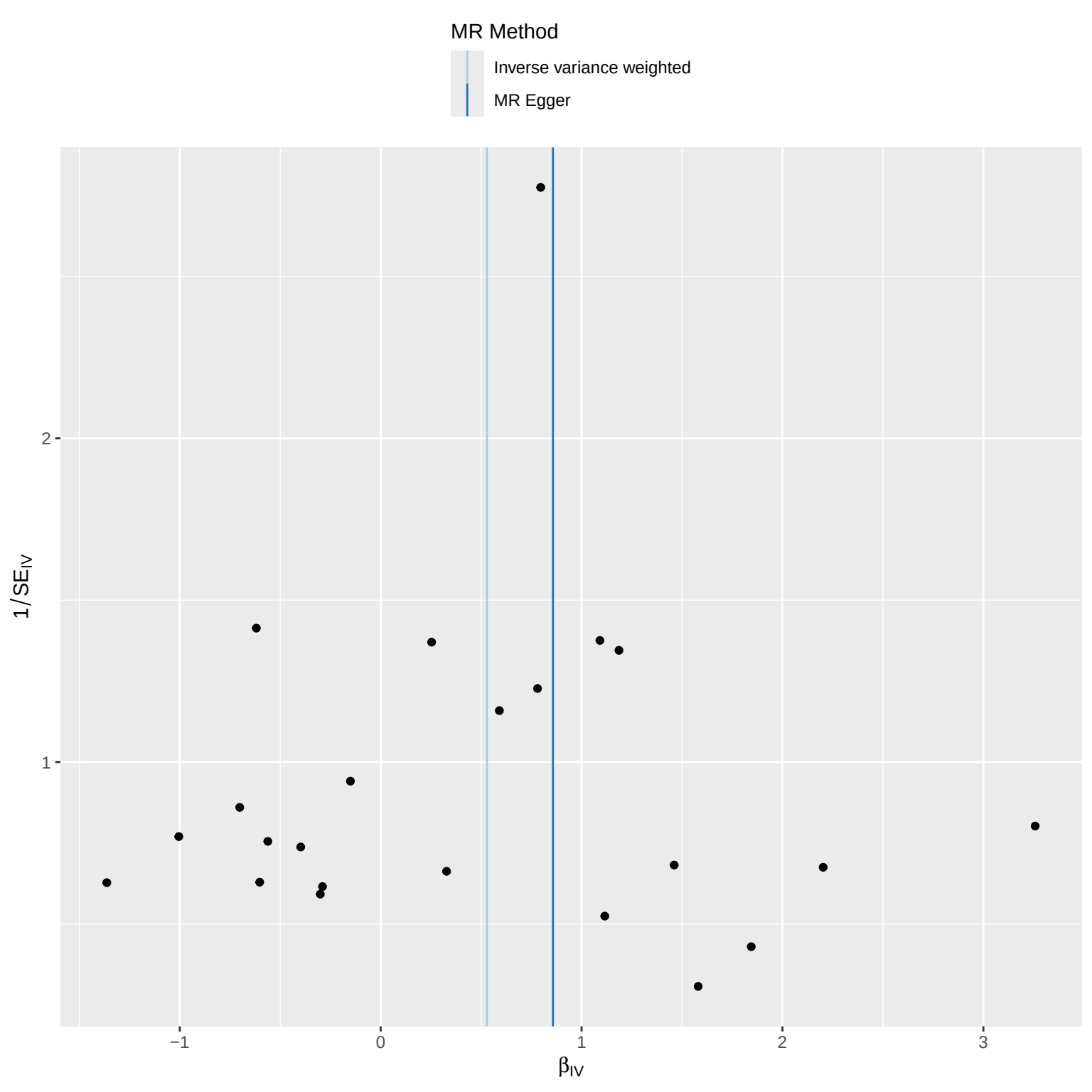

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−1
0
1
2
3
β_IV

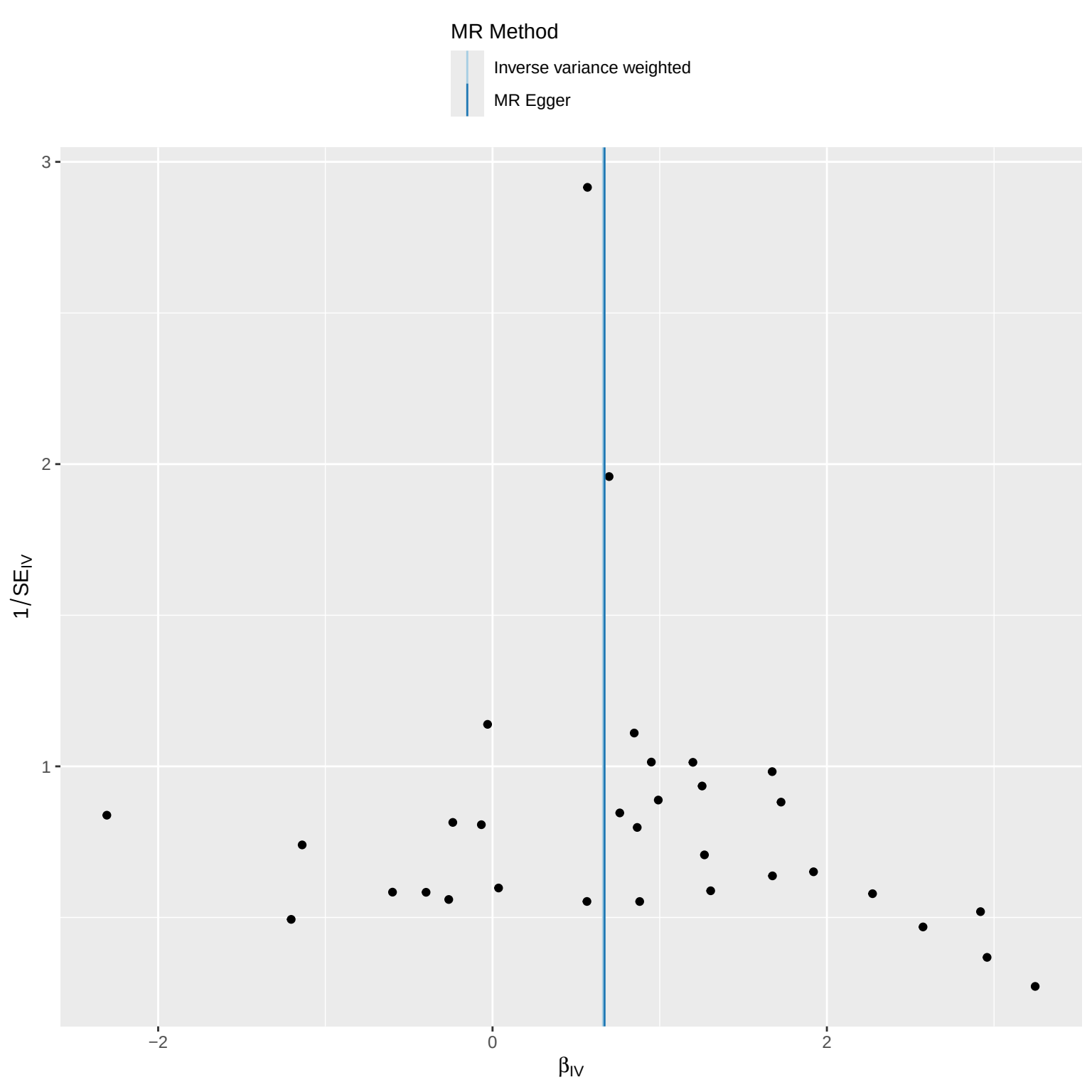

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
β_IV

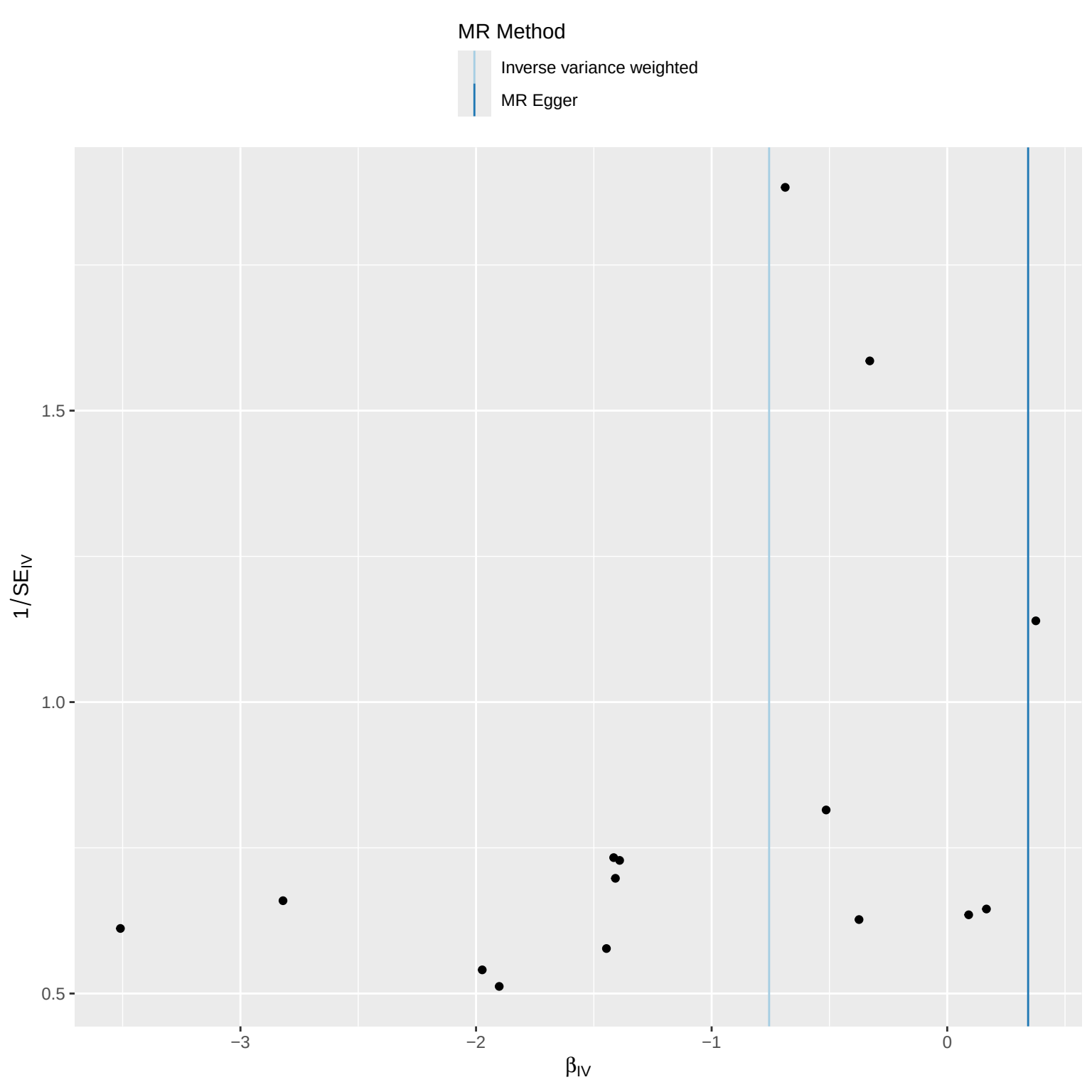

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

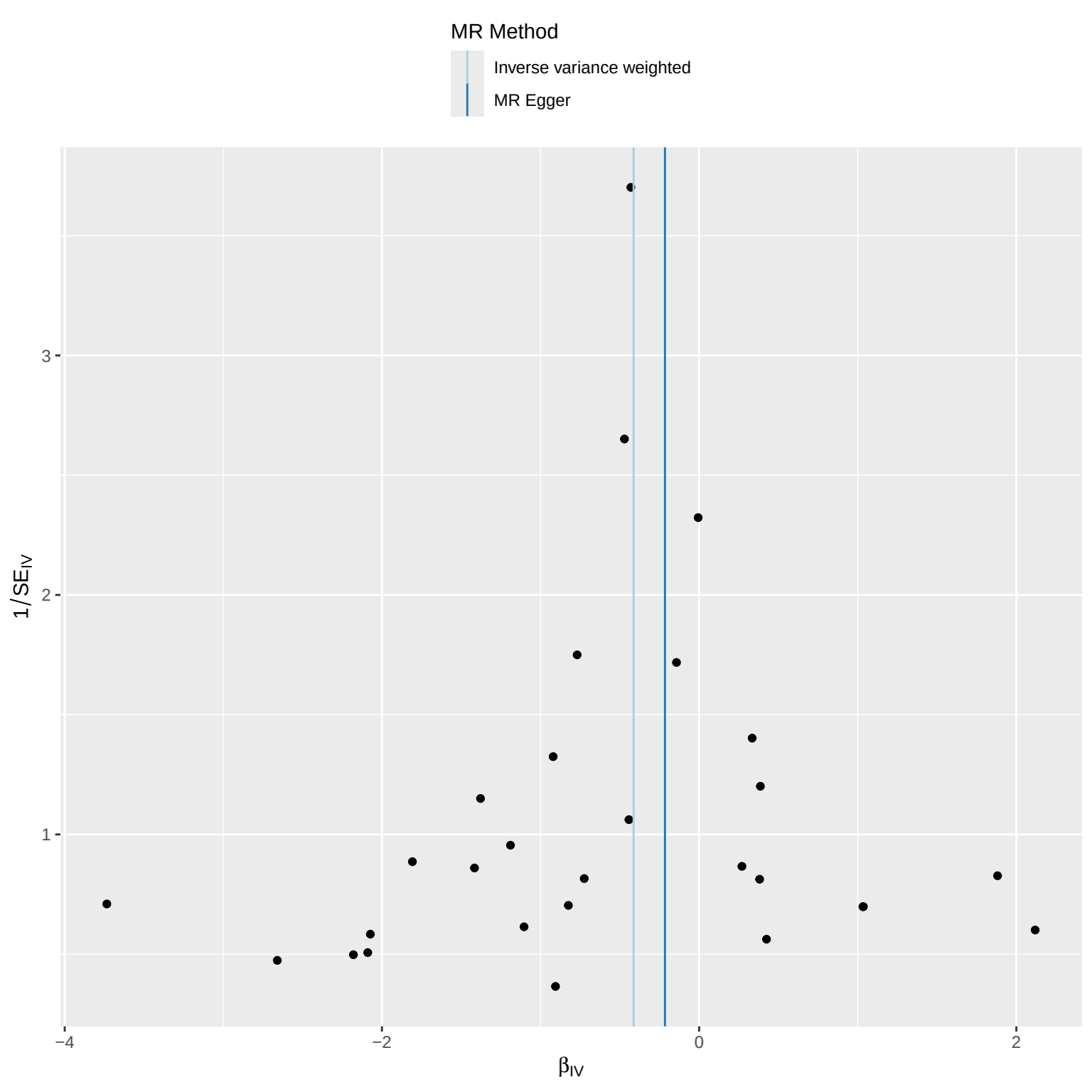

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−4
−3
−2
−1
β_IV

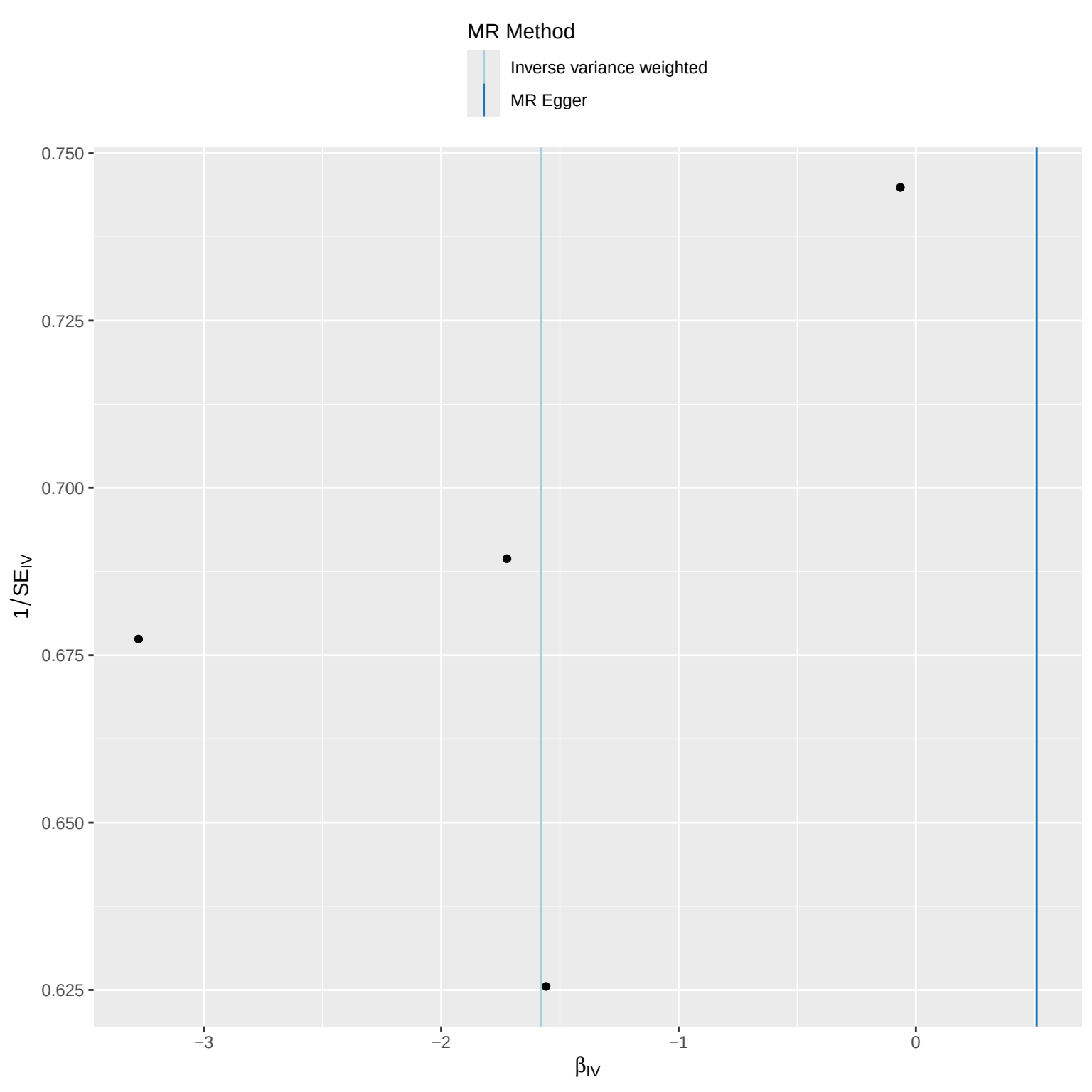

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−3
−2
−1
0
1
β_{IV}

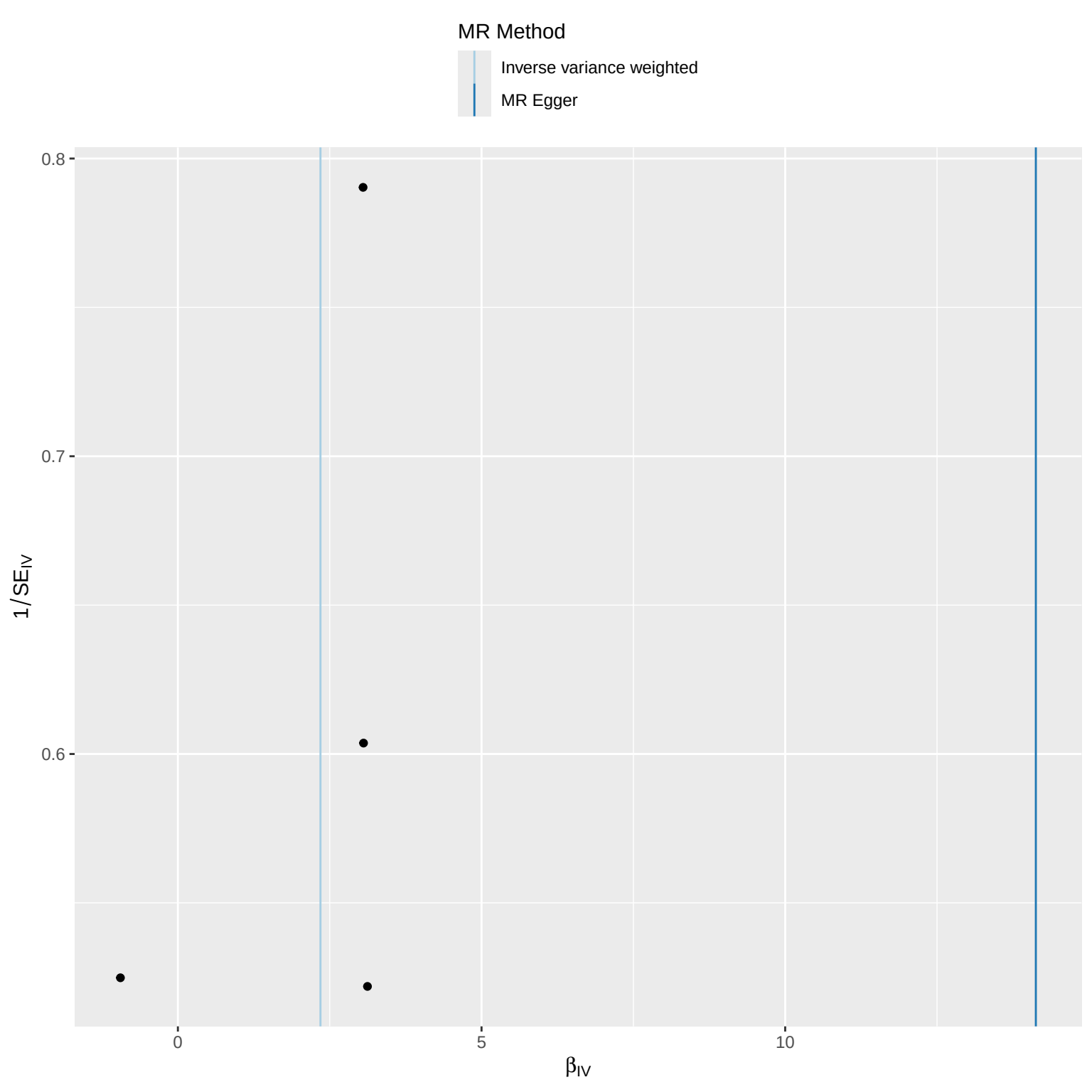

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

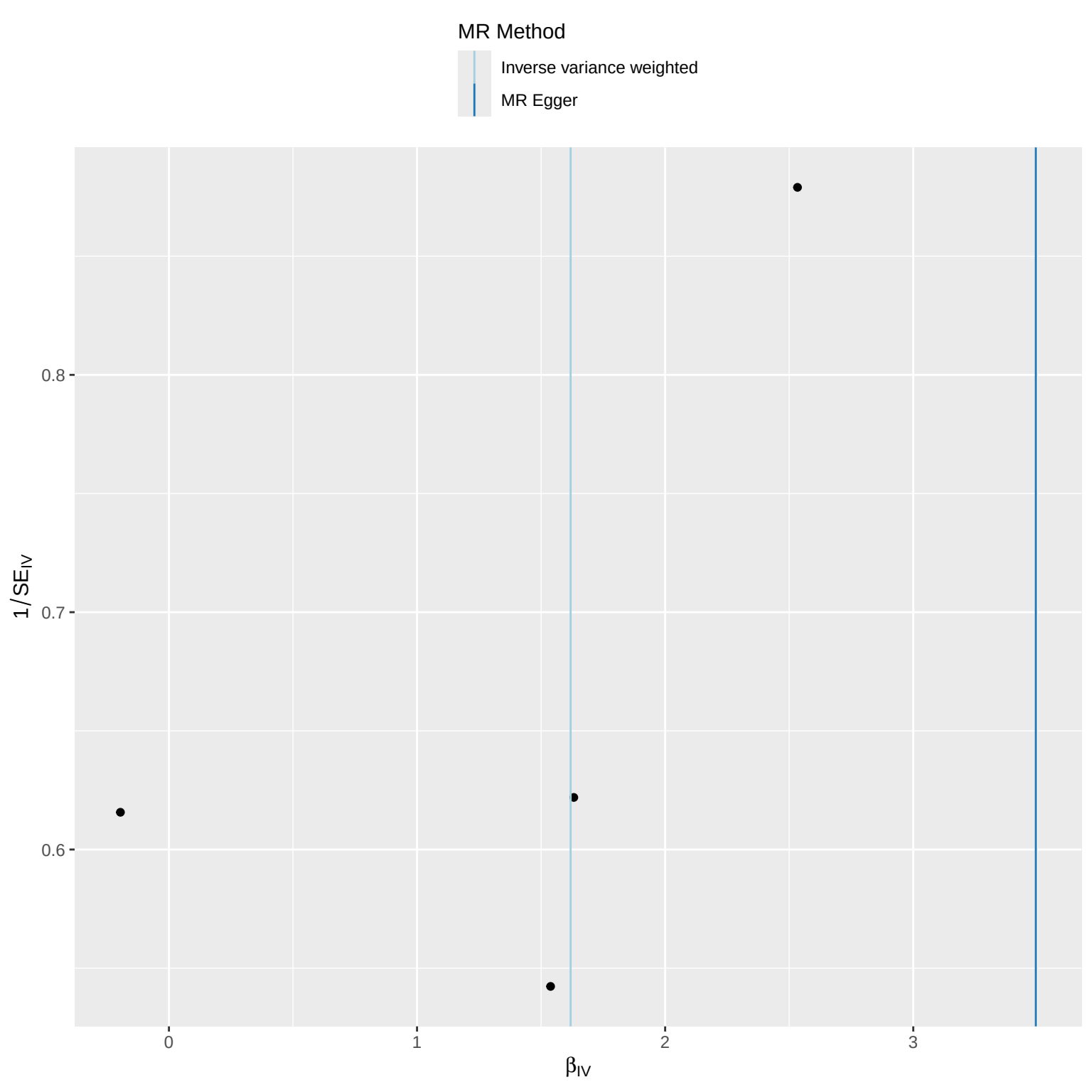

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

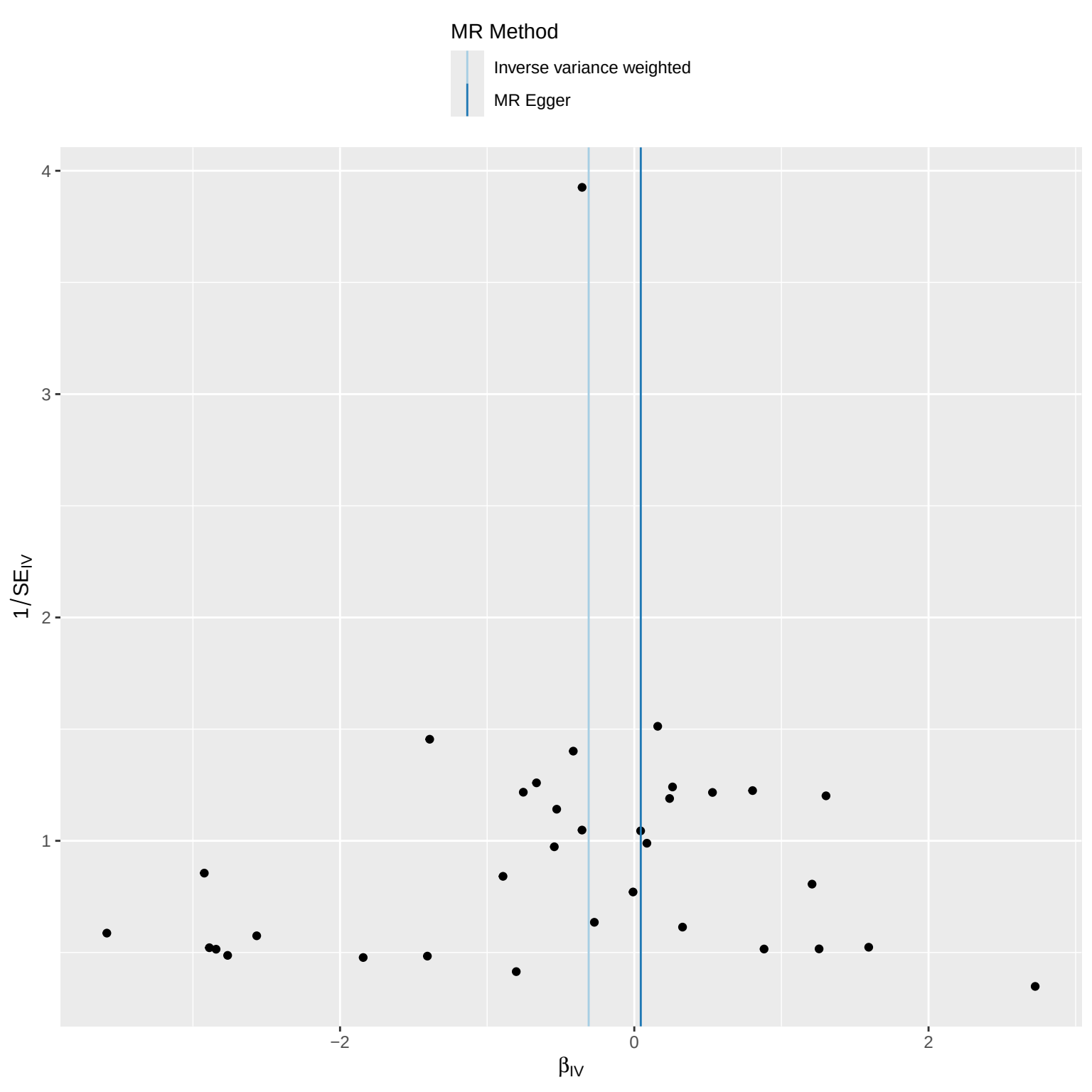

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

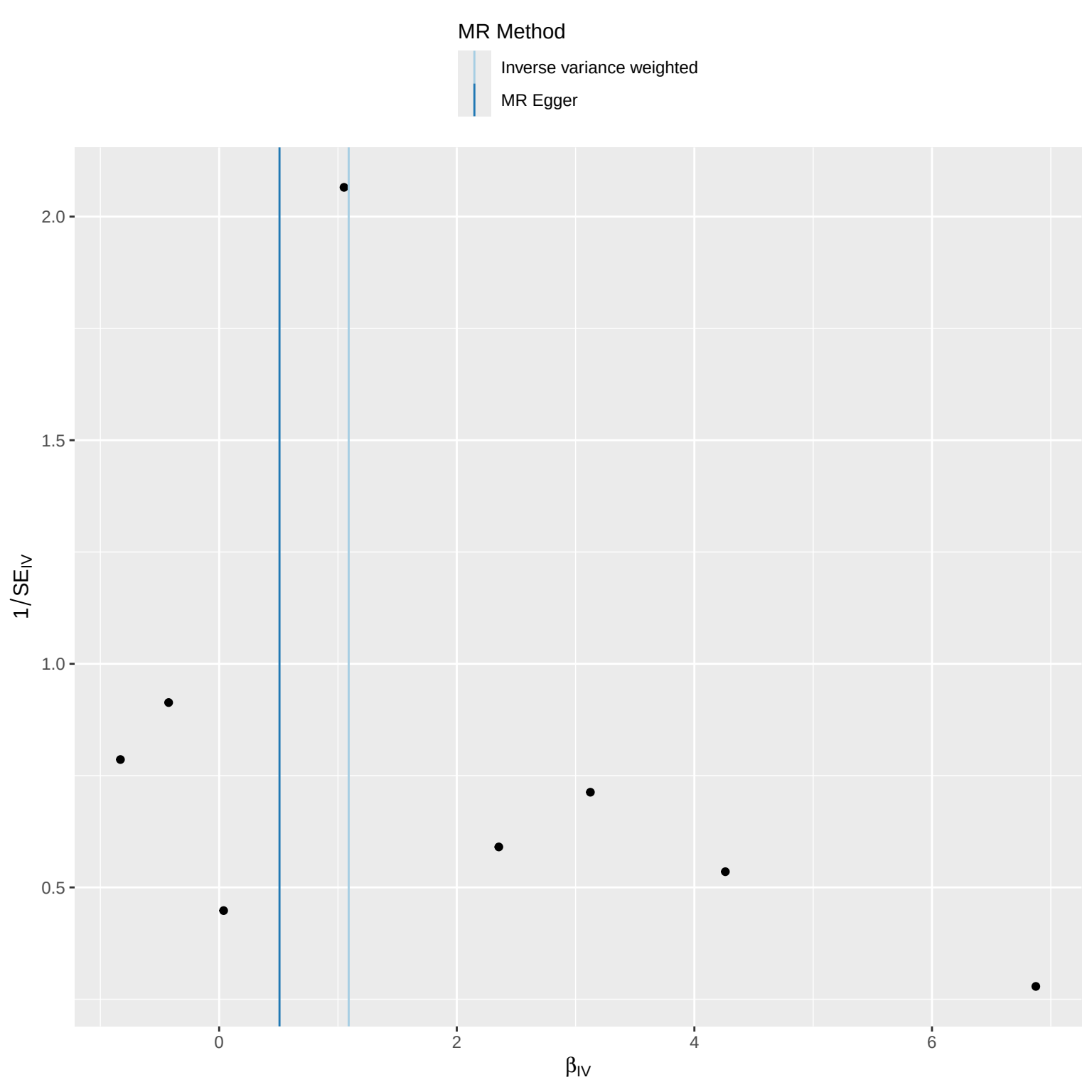

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−4
−2
0
2
β_IV

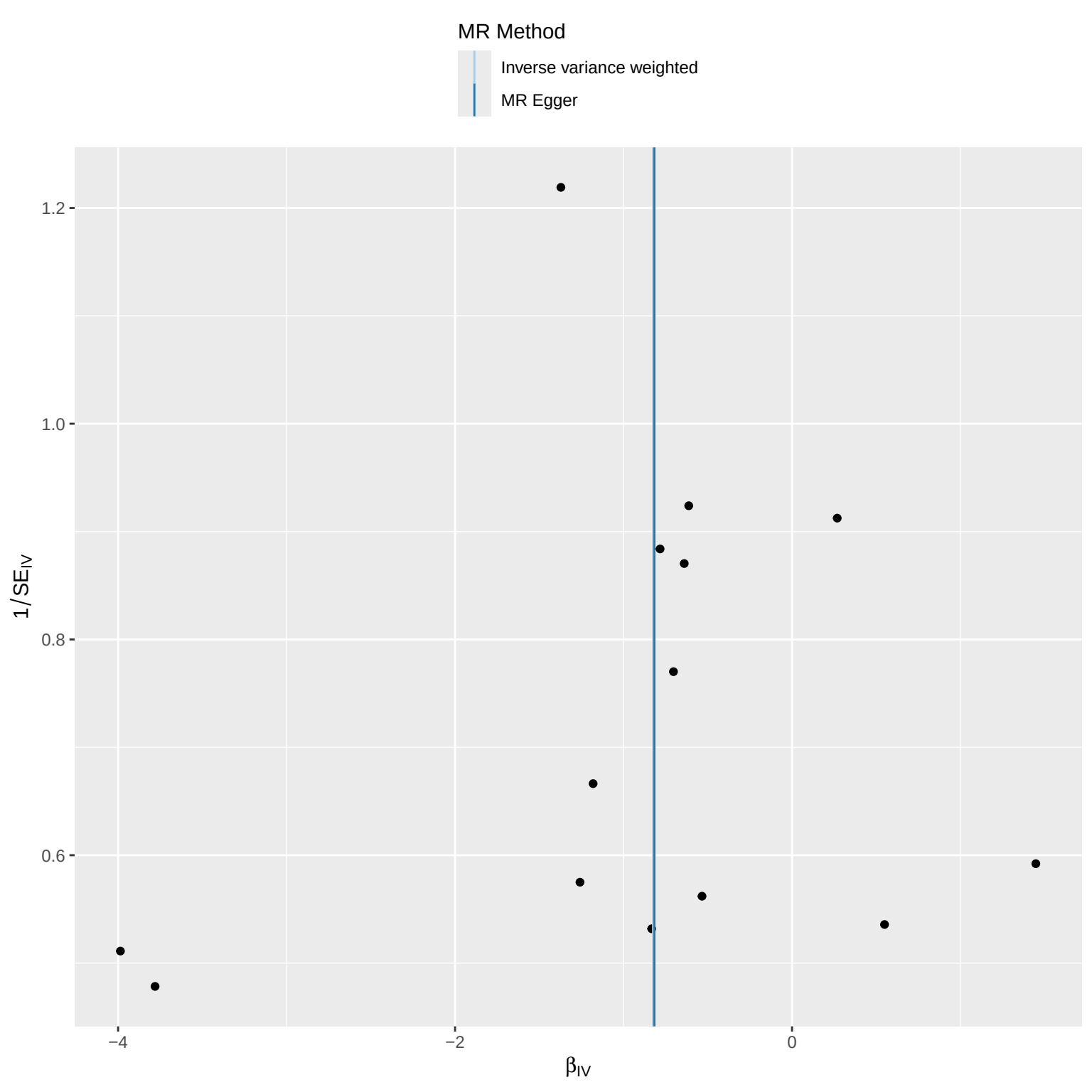

MR Method
Inverse variance weighted
MR Egger
0.750
0.725
0.700
0.675
0.650
0.625
1/SE_IV
−3
−2
−1
0
β_IV

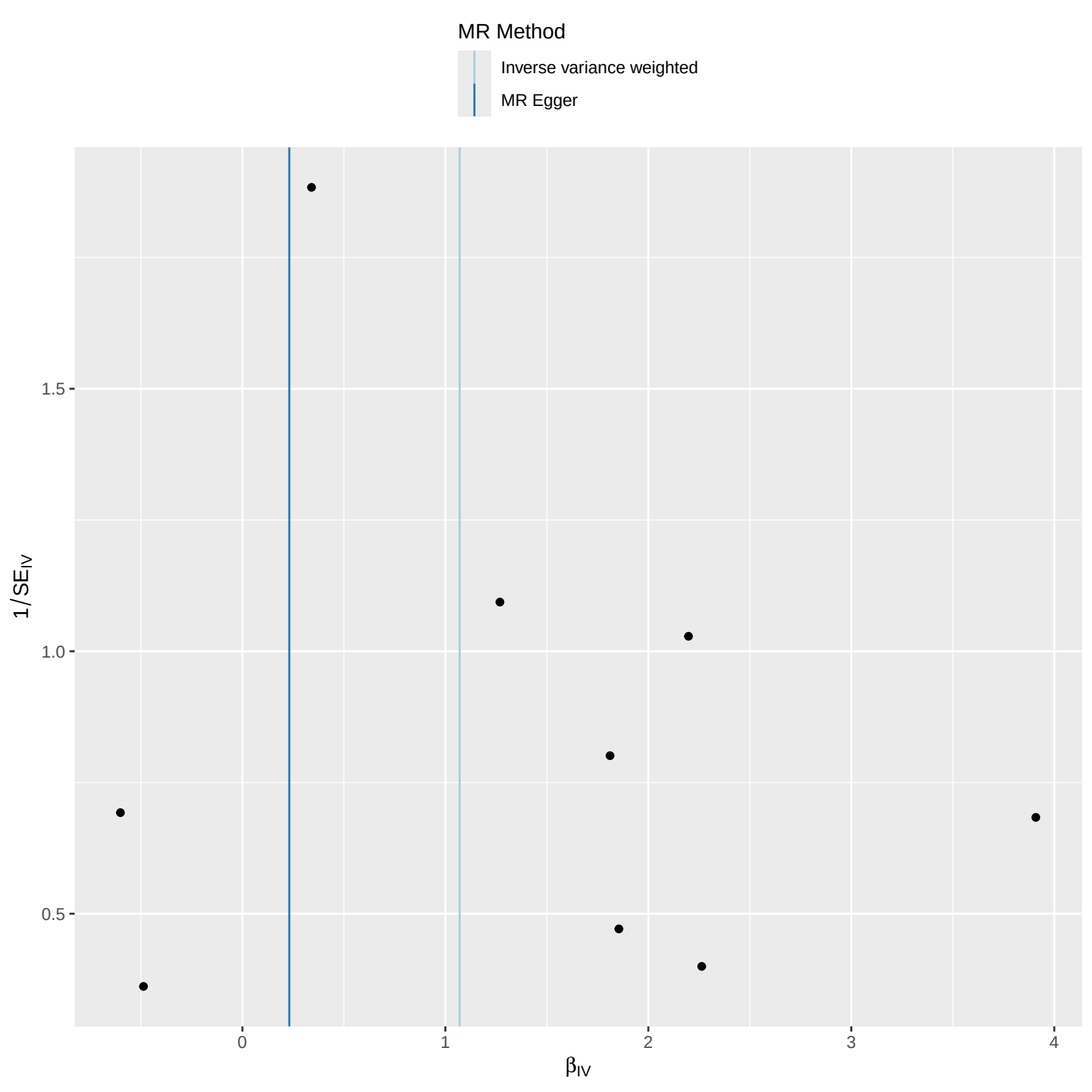

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
1/SE_IV
0
5
10
β_IV

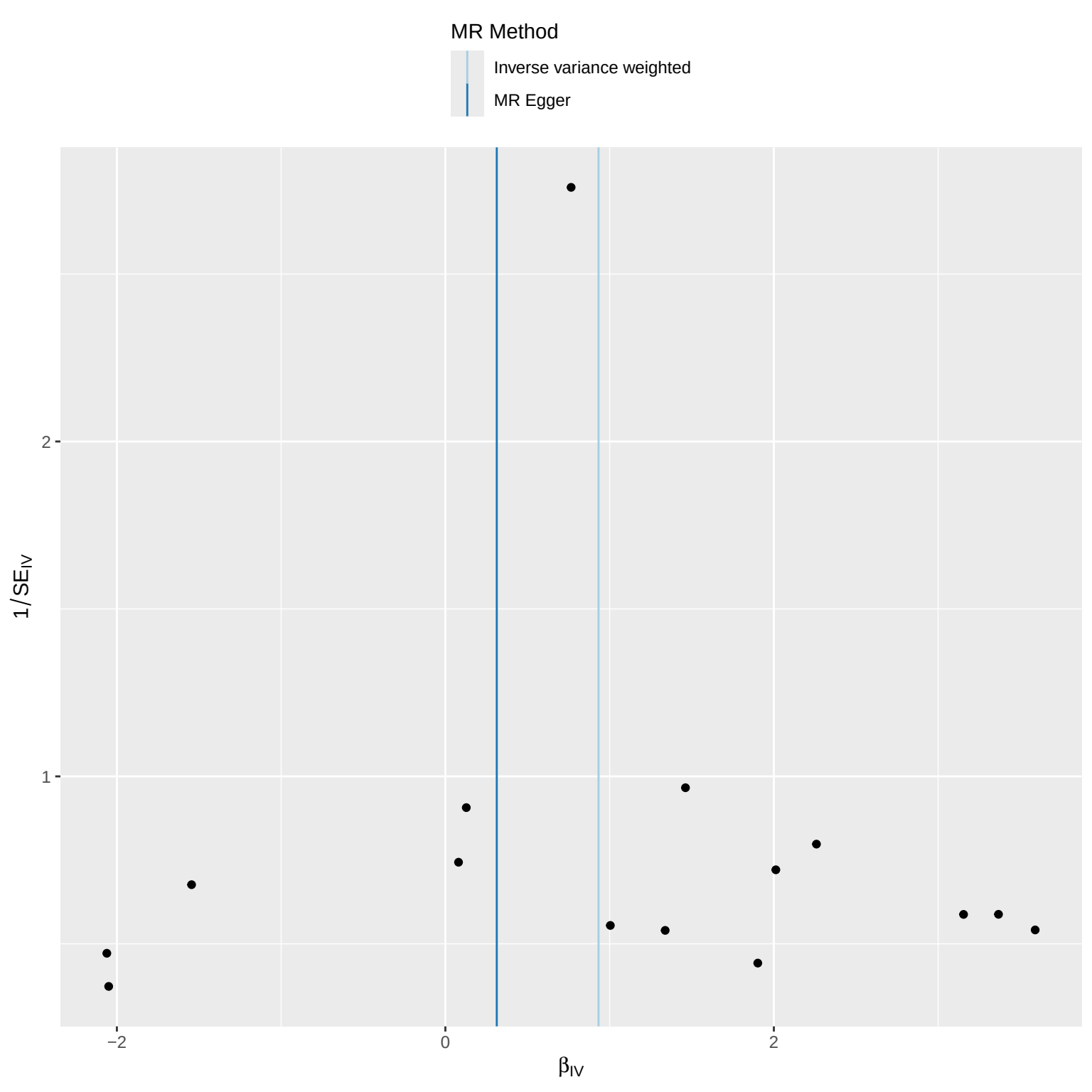

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
1/SE_IV
0
1
2
3
β_IV

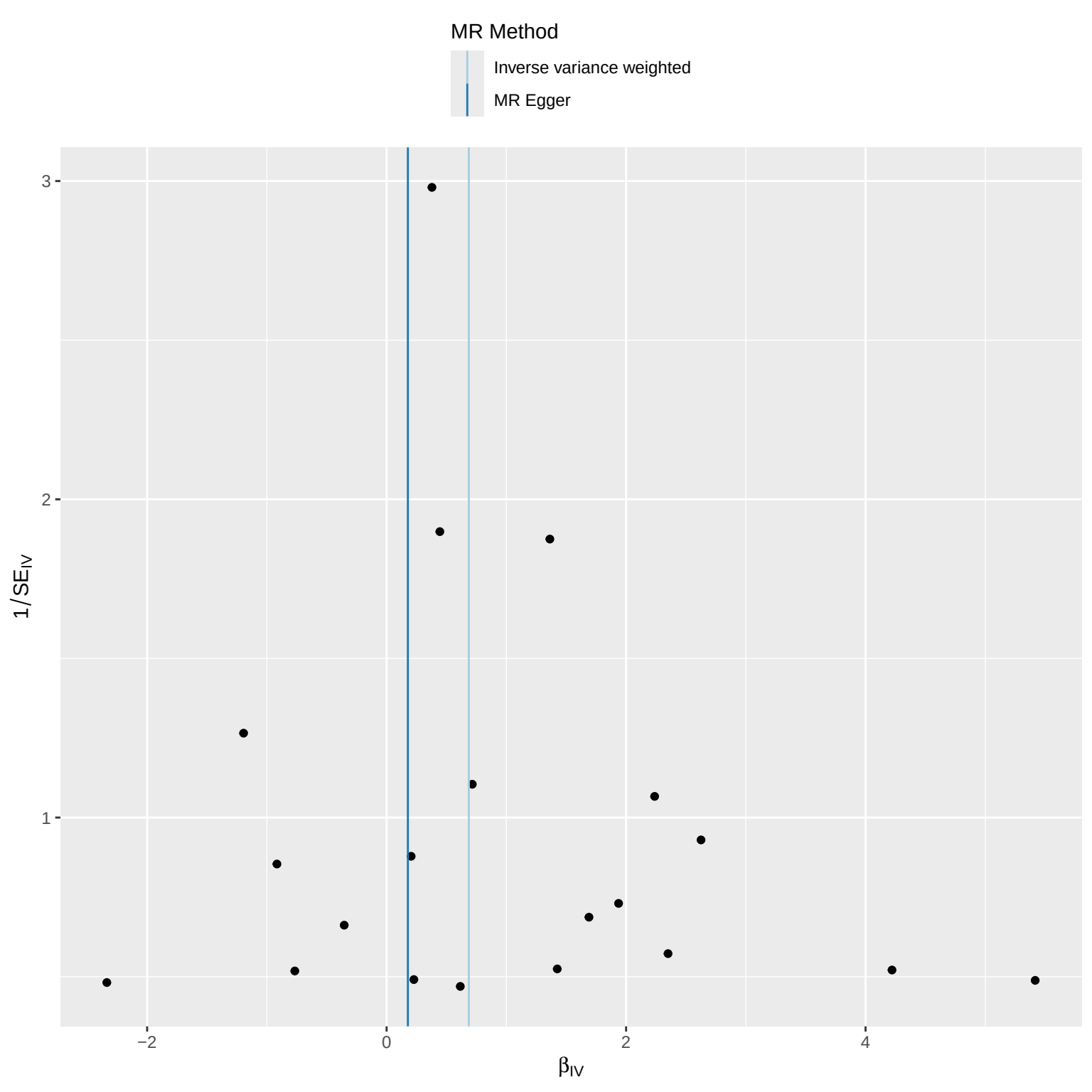

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

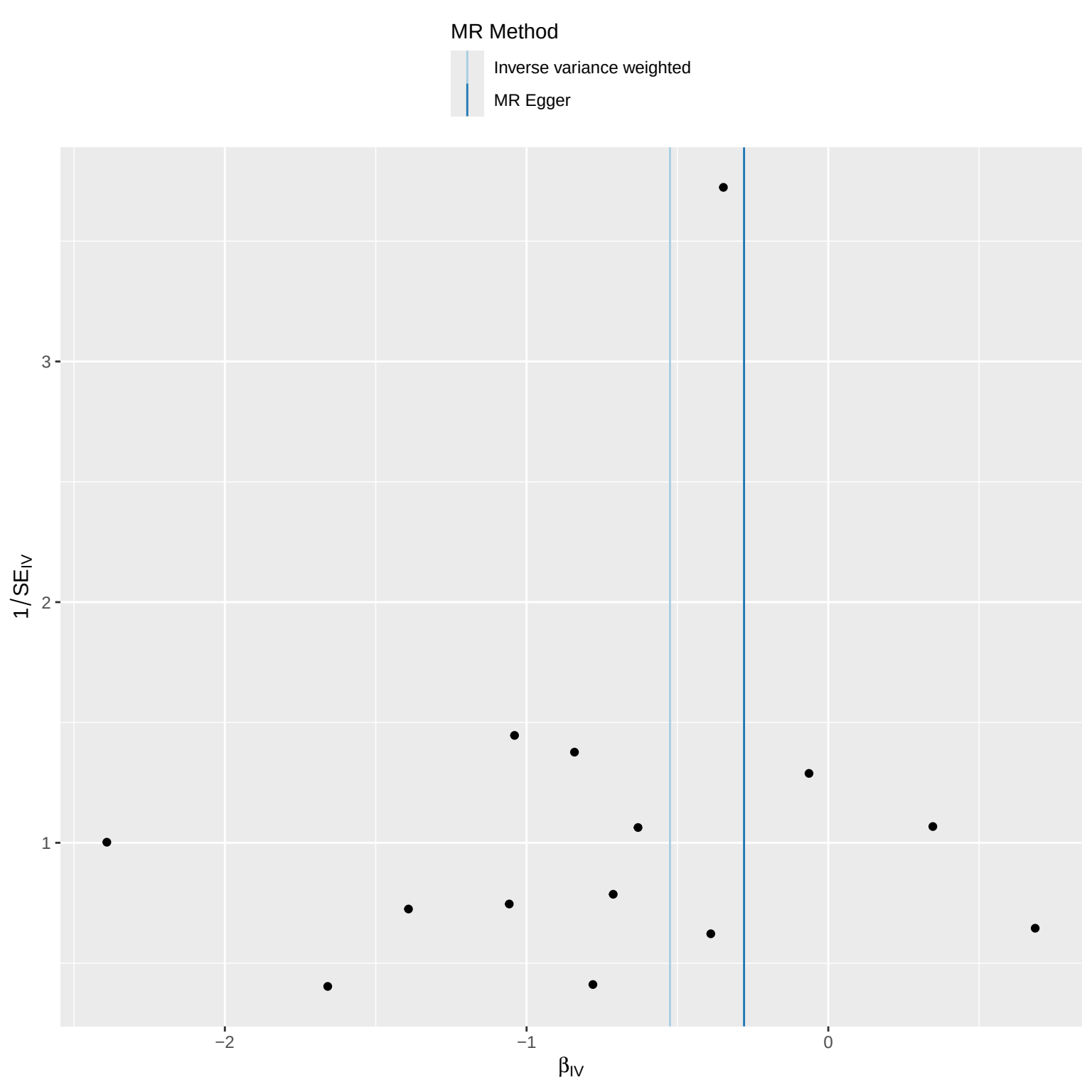

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
6
β_IV

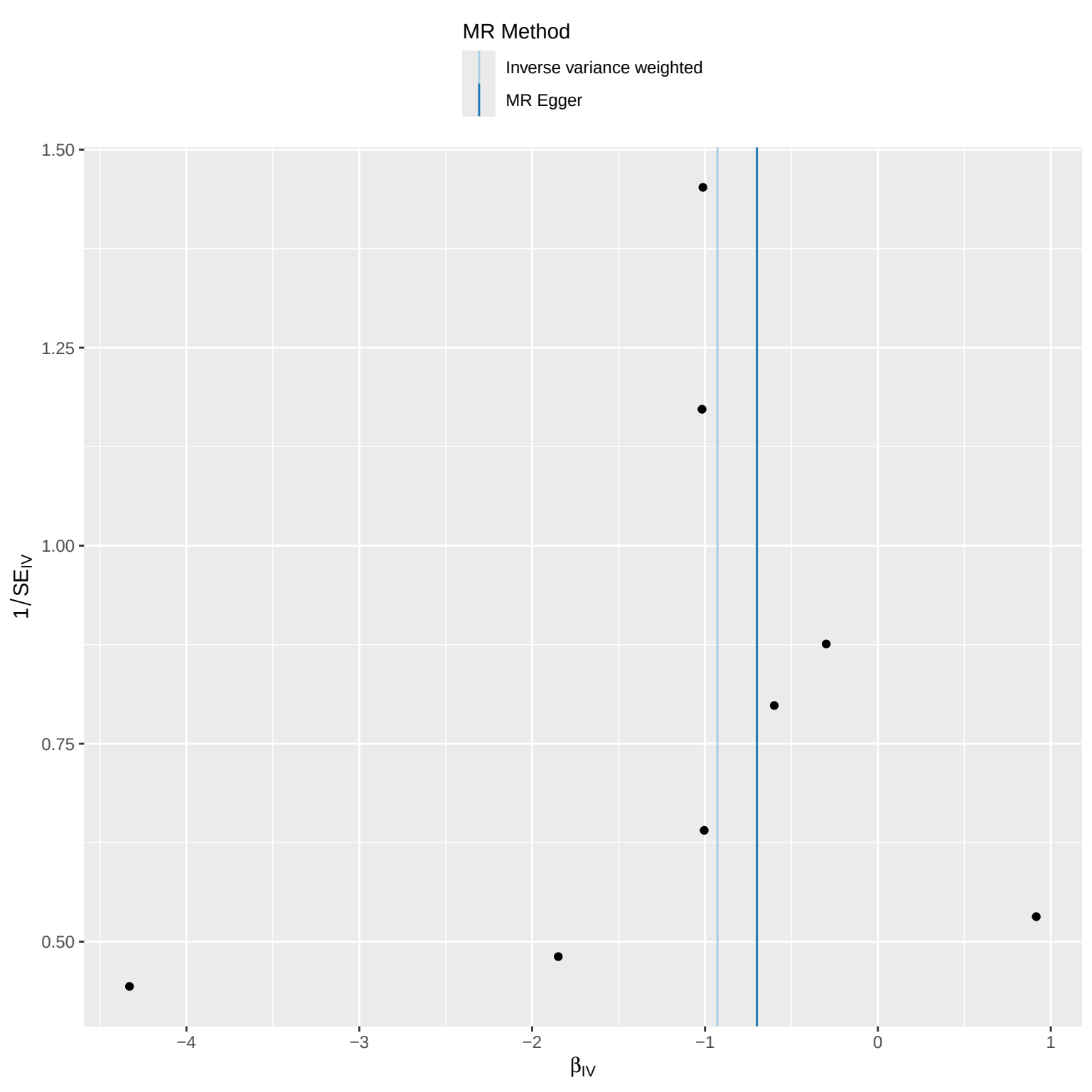

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−4
−2
0
β_IV

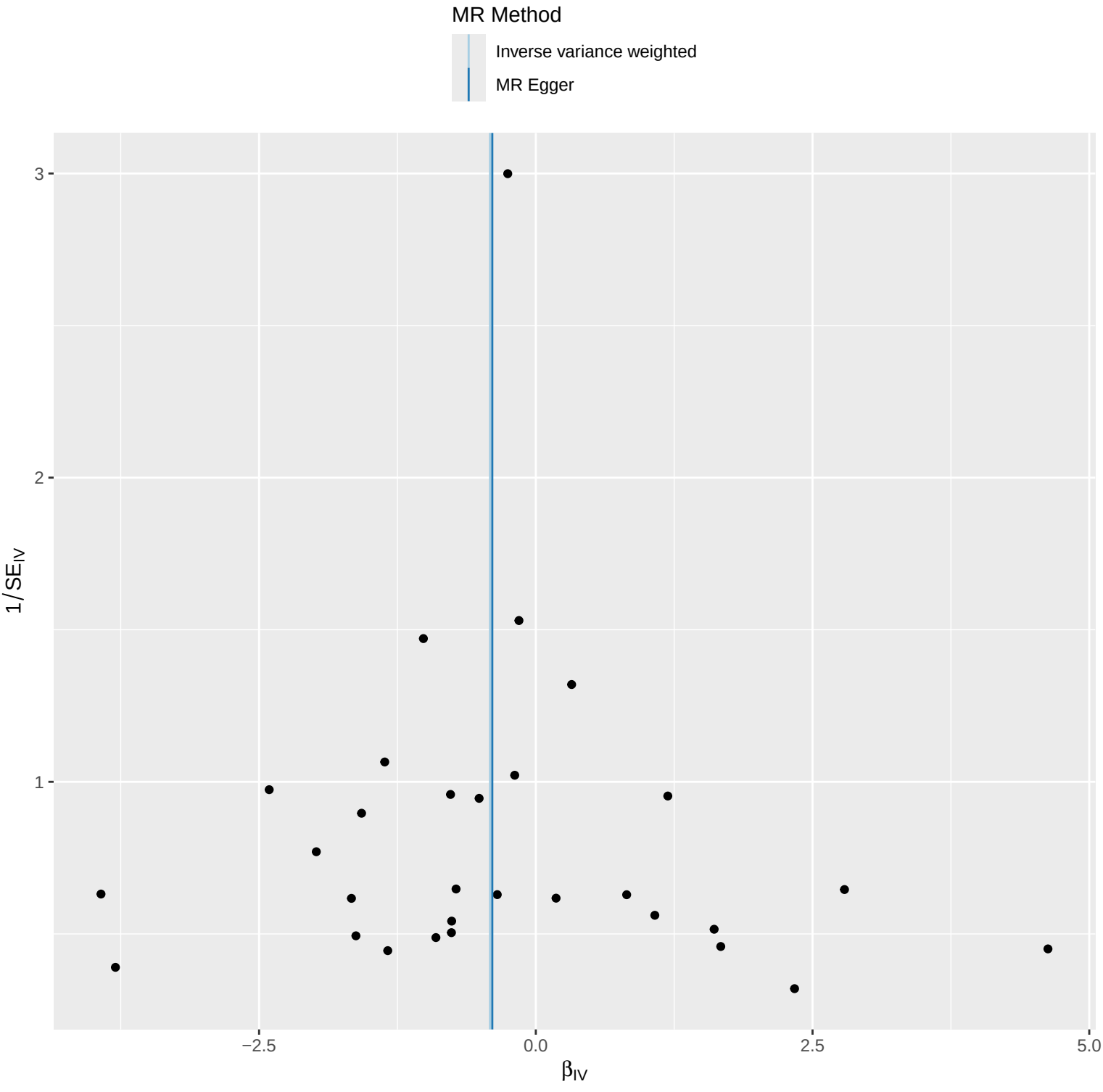

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
β_IV

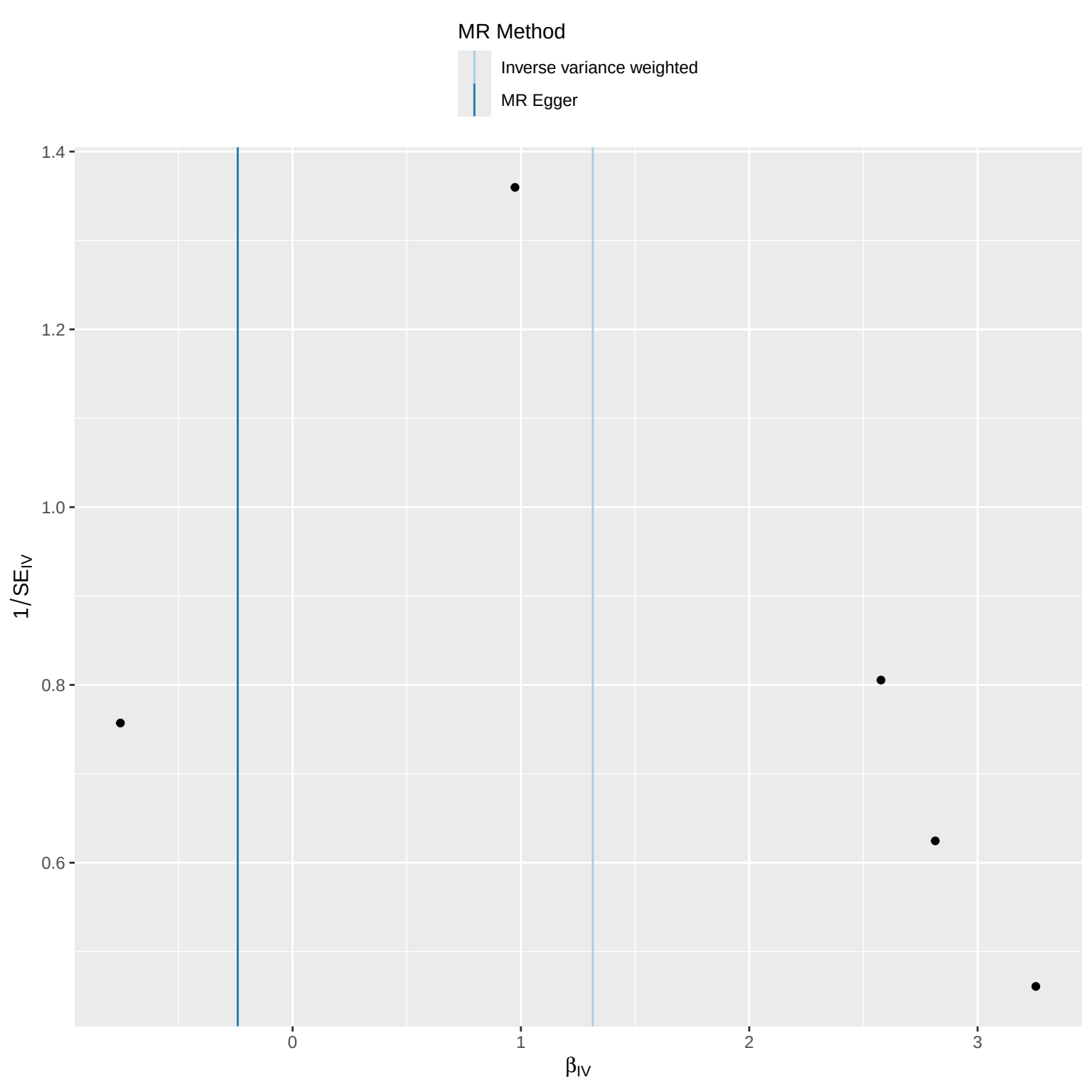

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

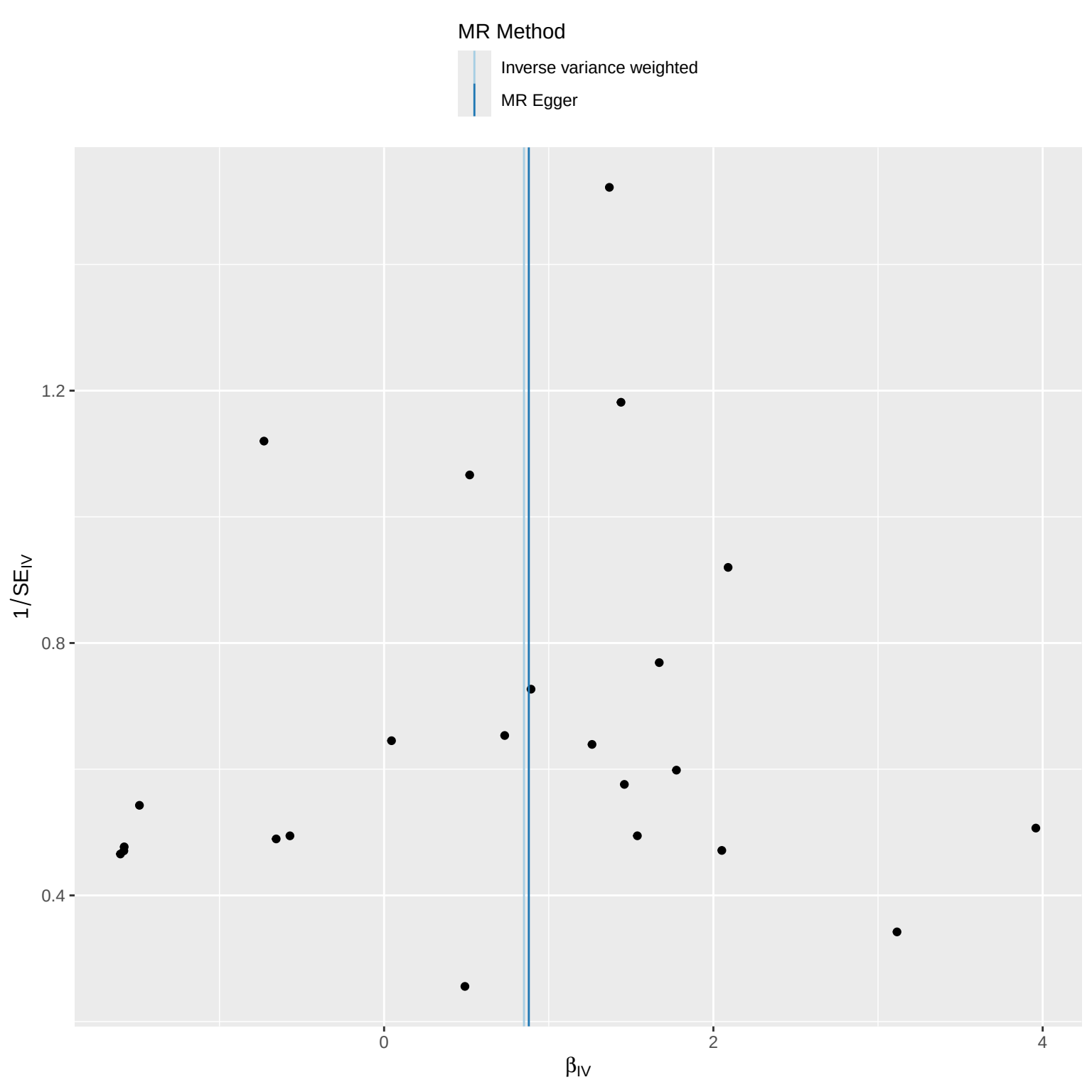

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

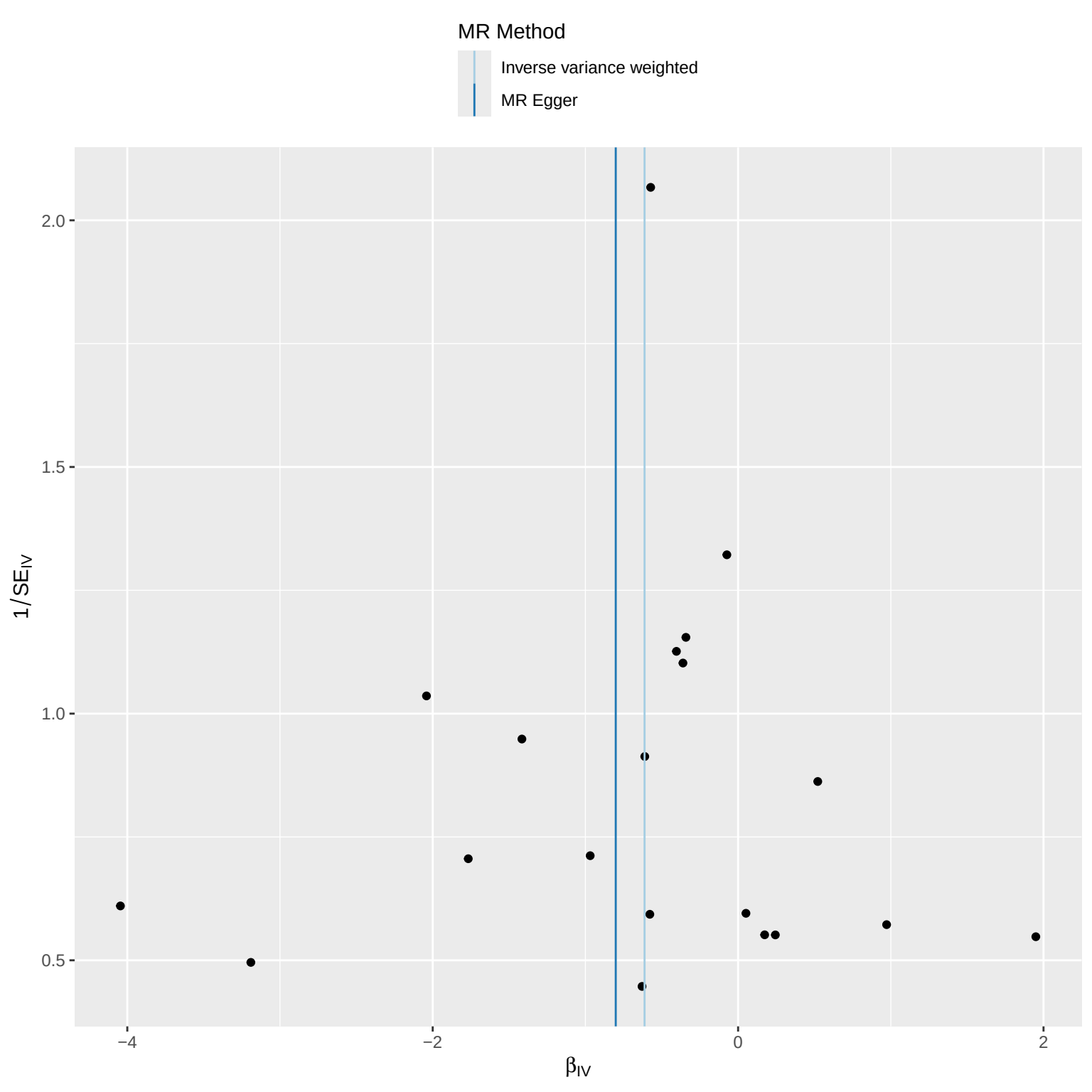

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

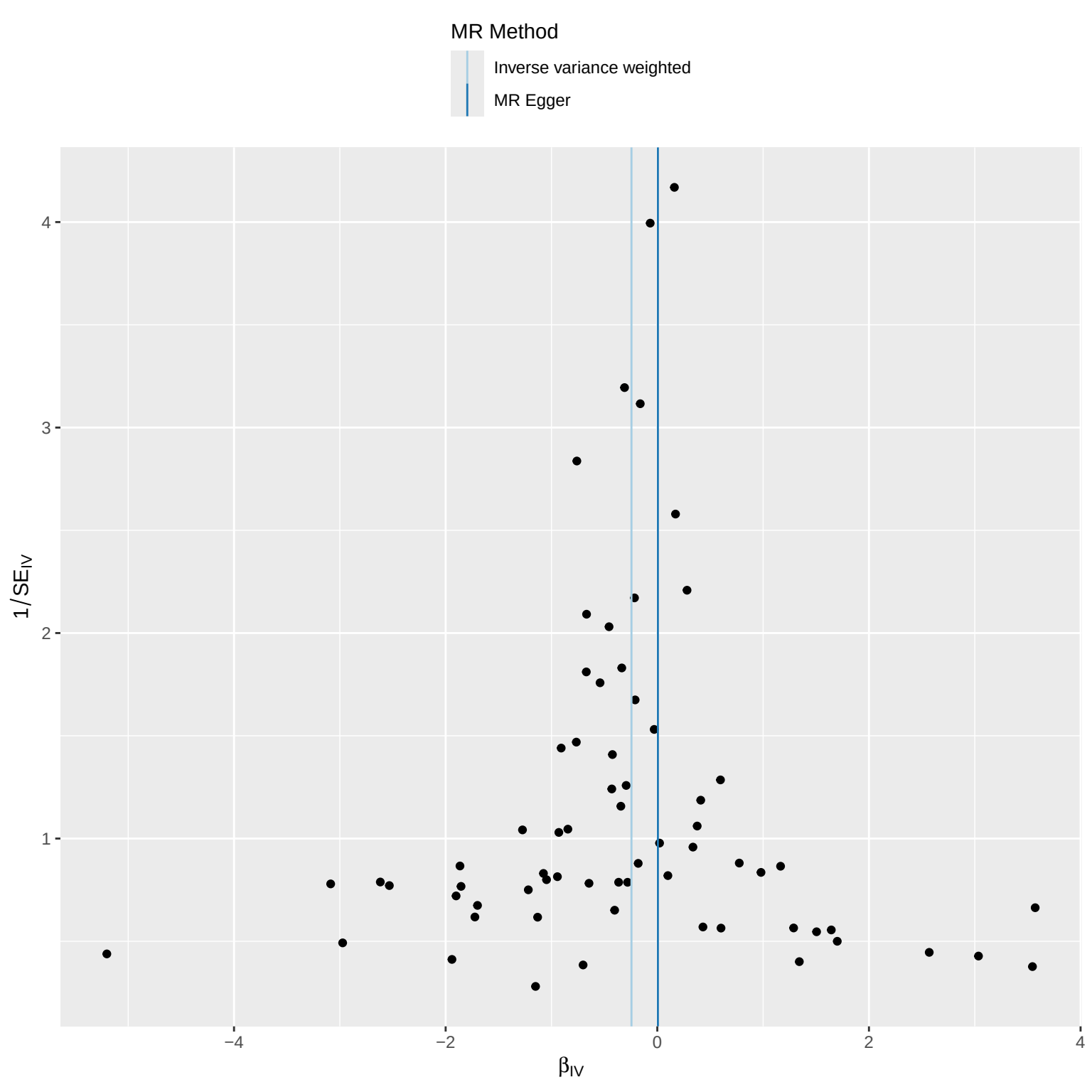

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

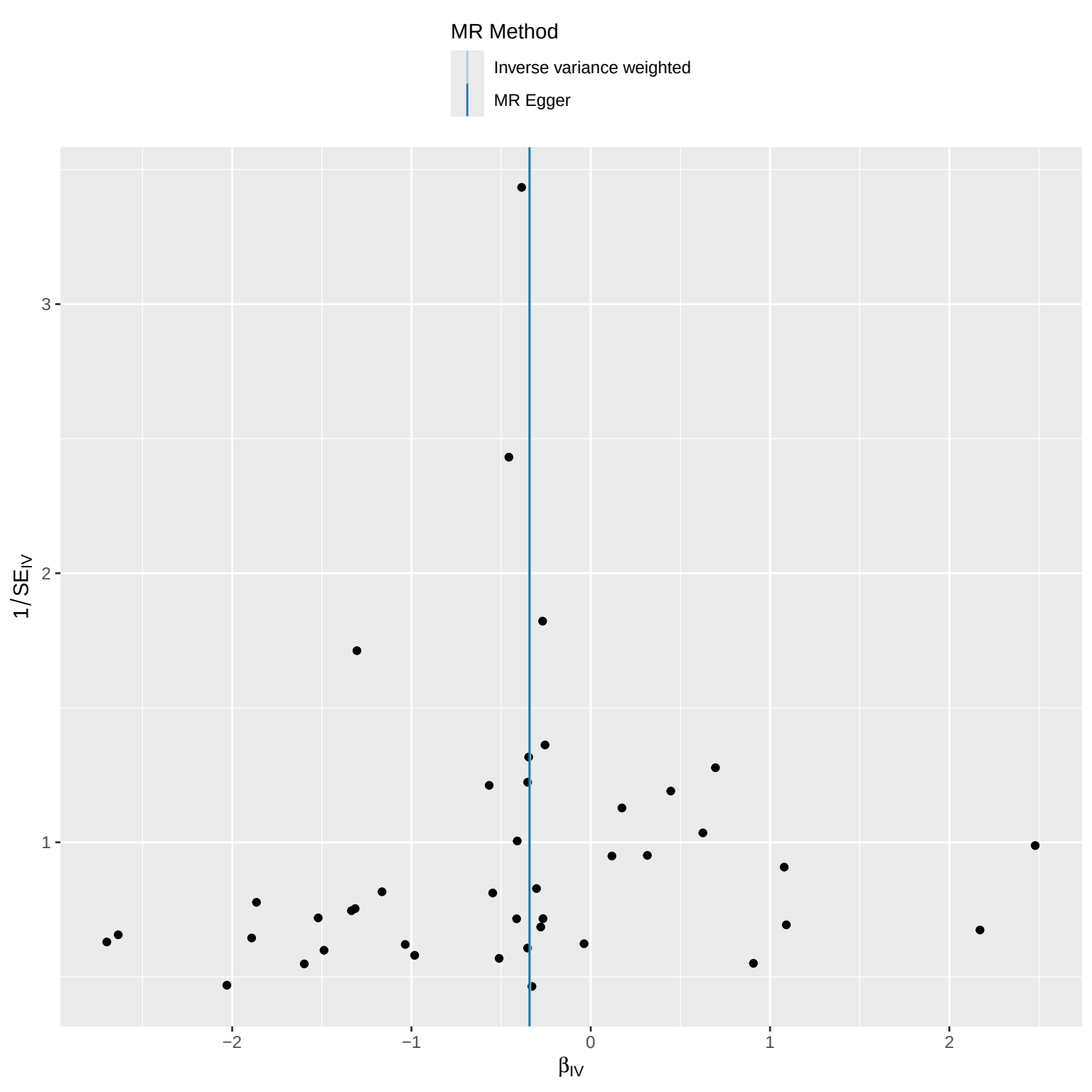

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

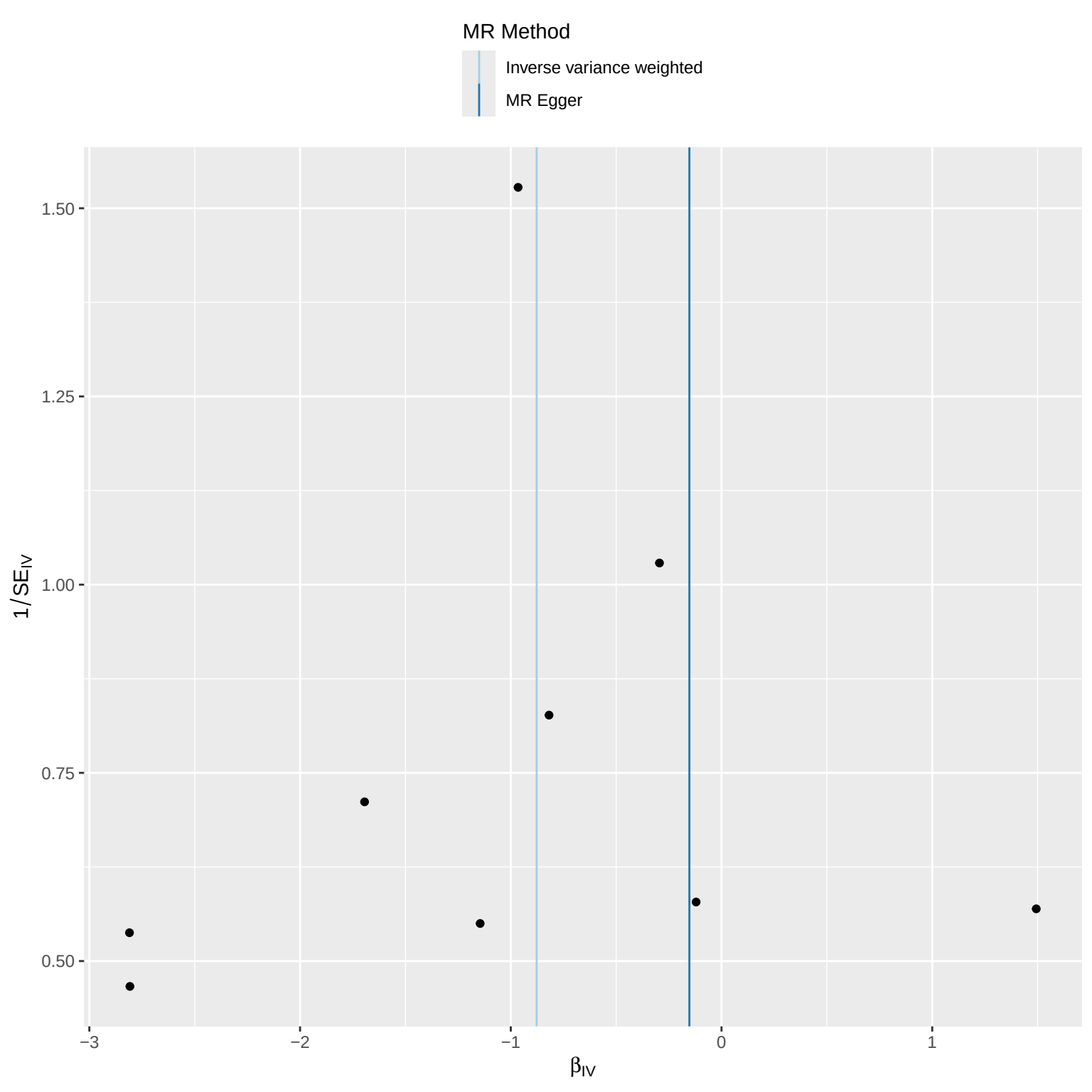

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

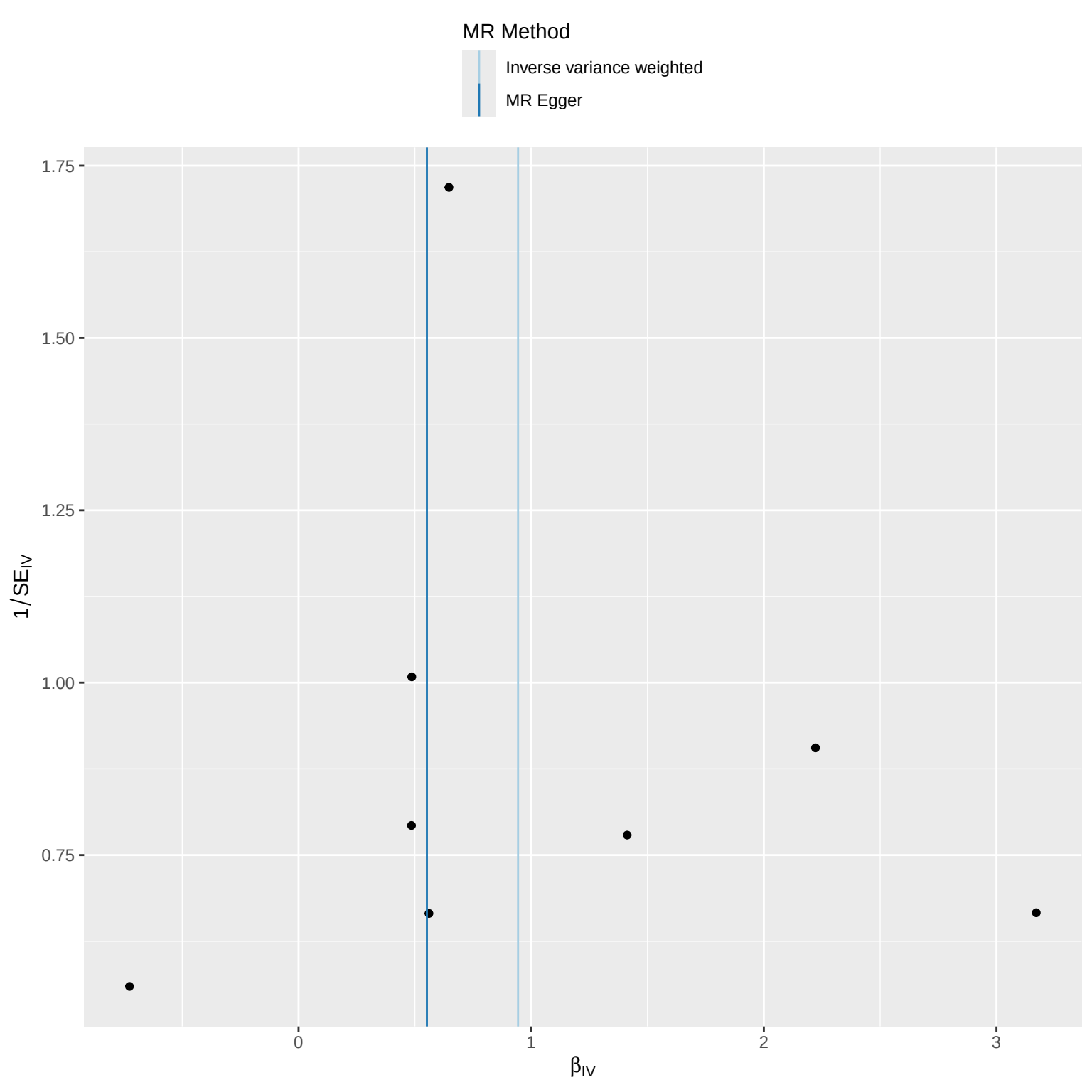

MR Method
Inverse variance weighted
MR Egger
1.2
0.8
0.4
1/SE_IV
0
2
4
β_IV

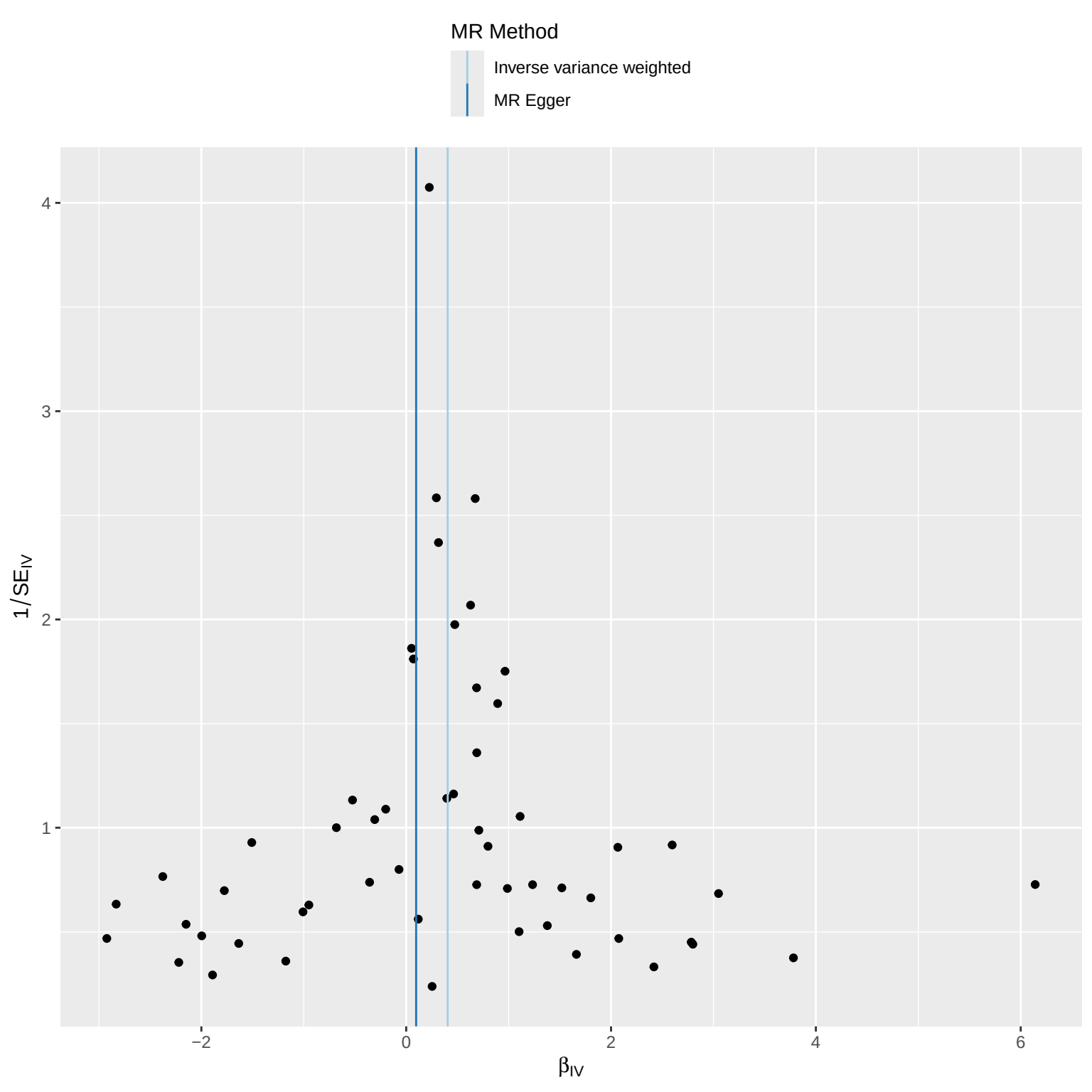

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

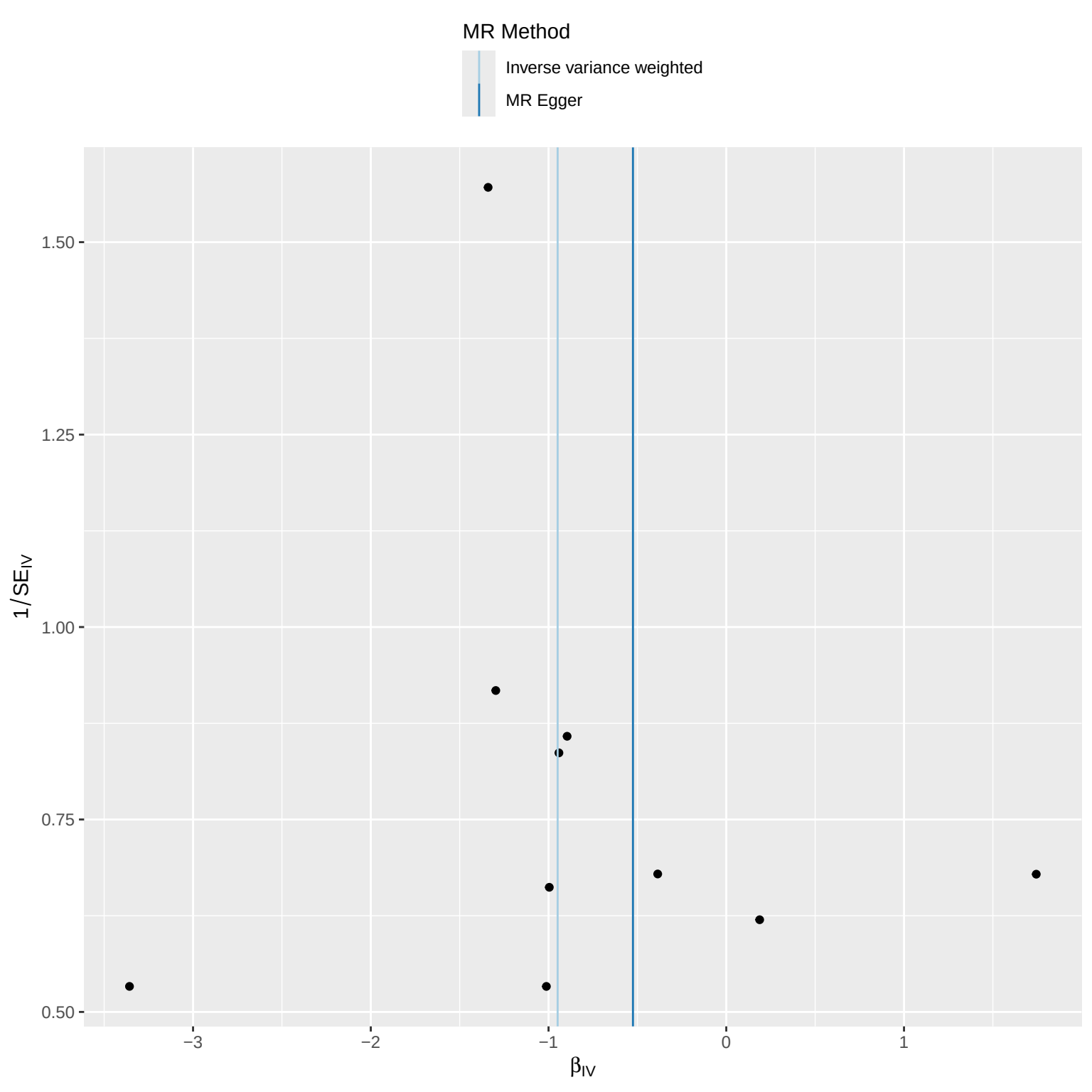

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

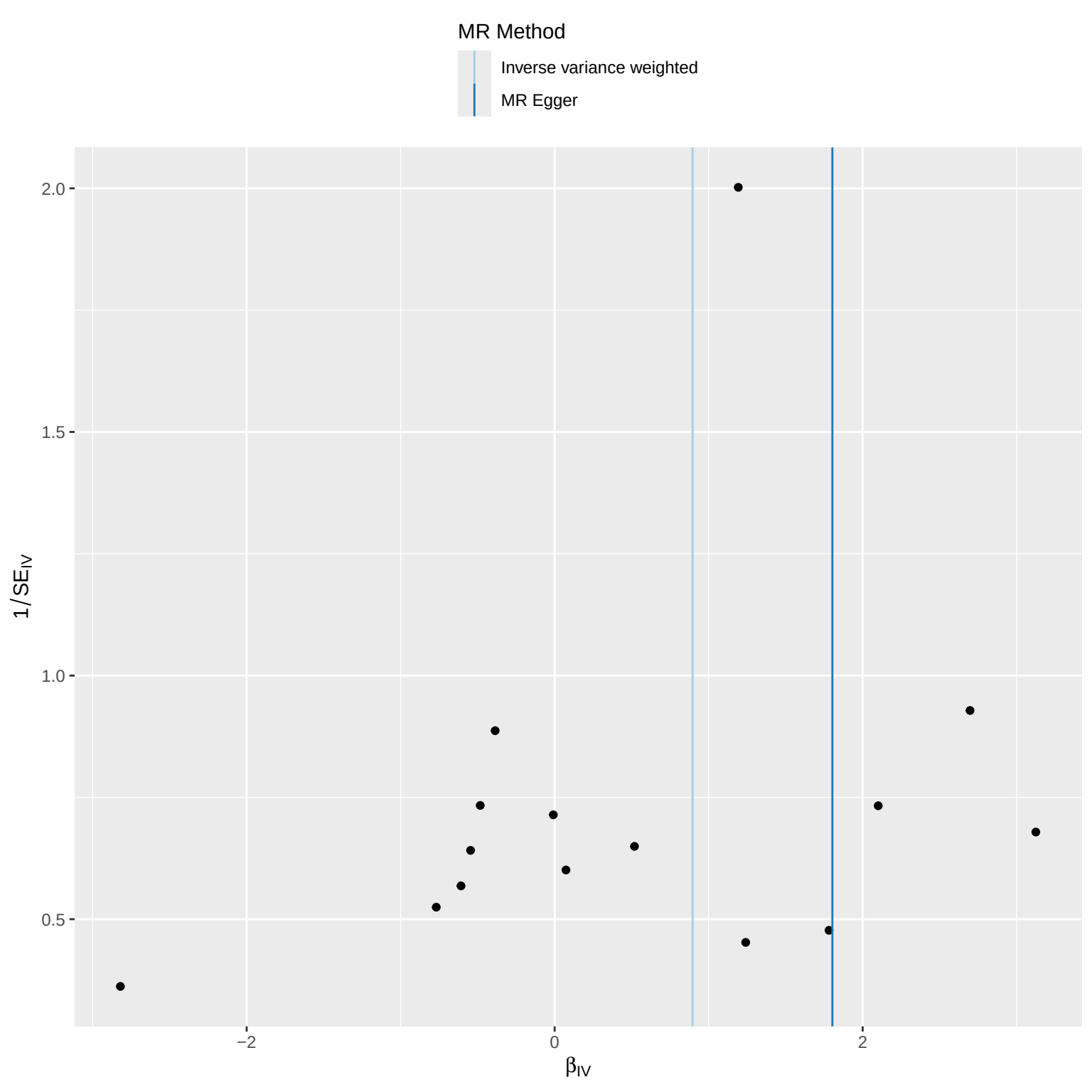

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

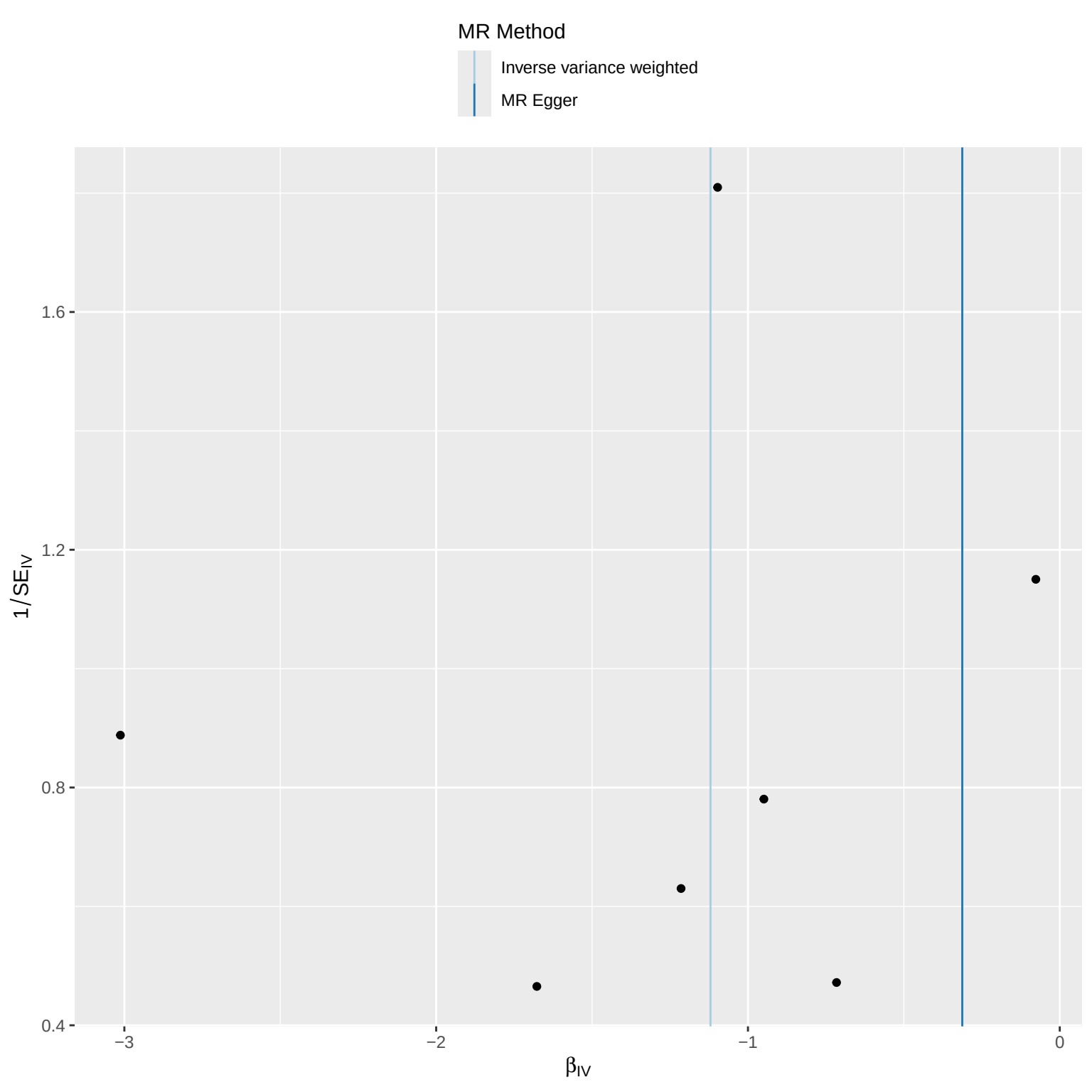

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

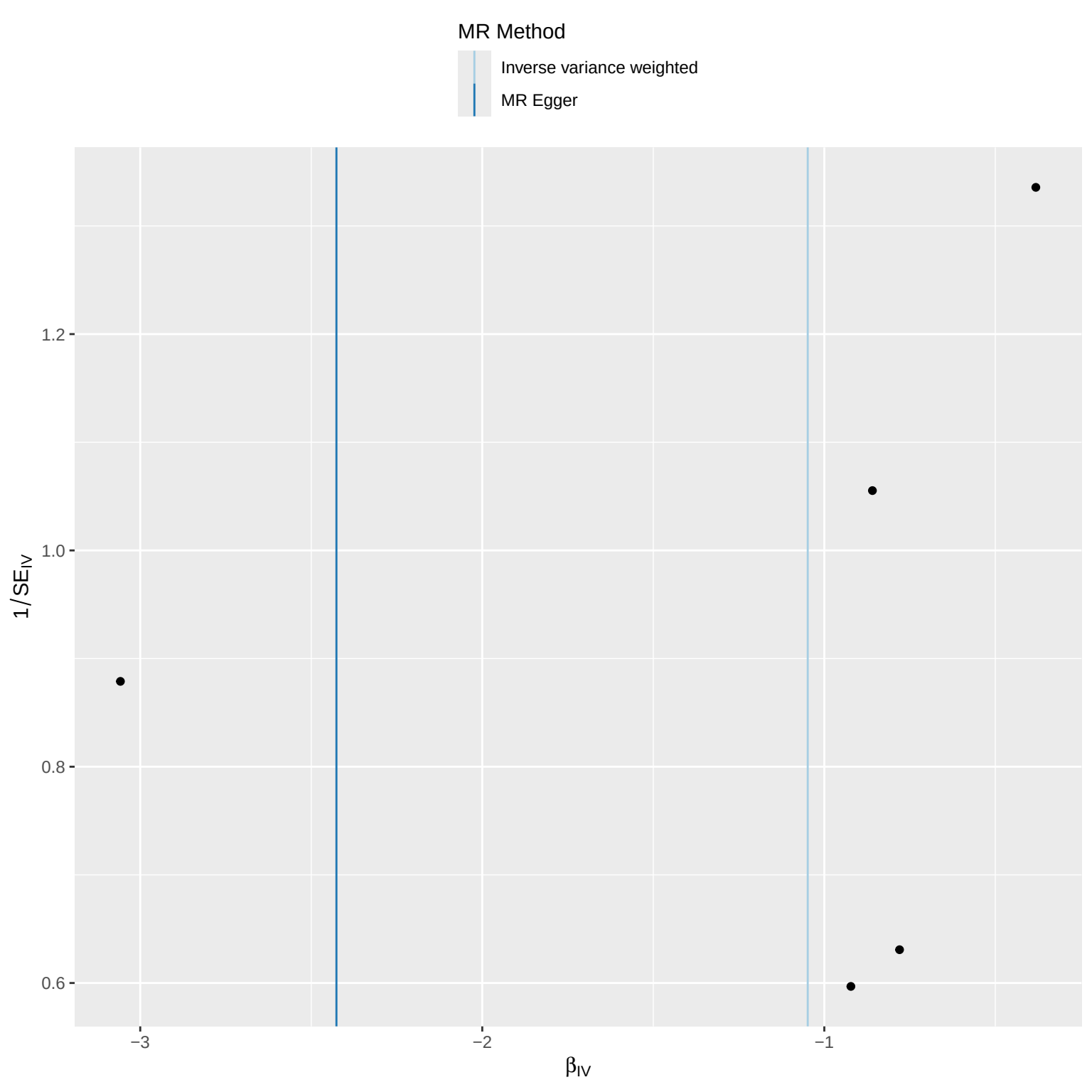

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
0
1
2
3
β_IV

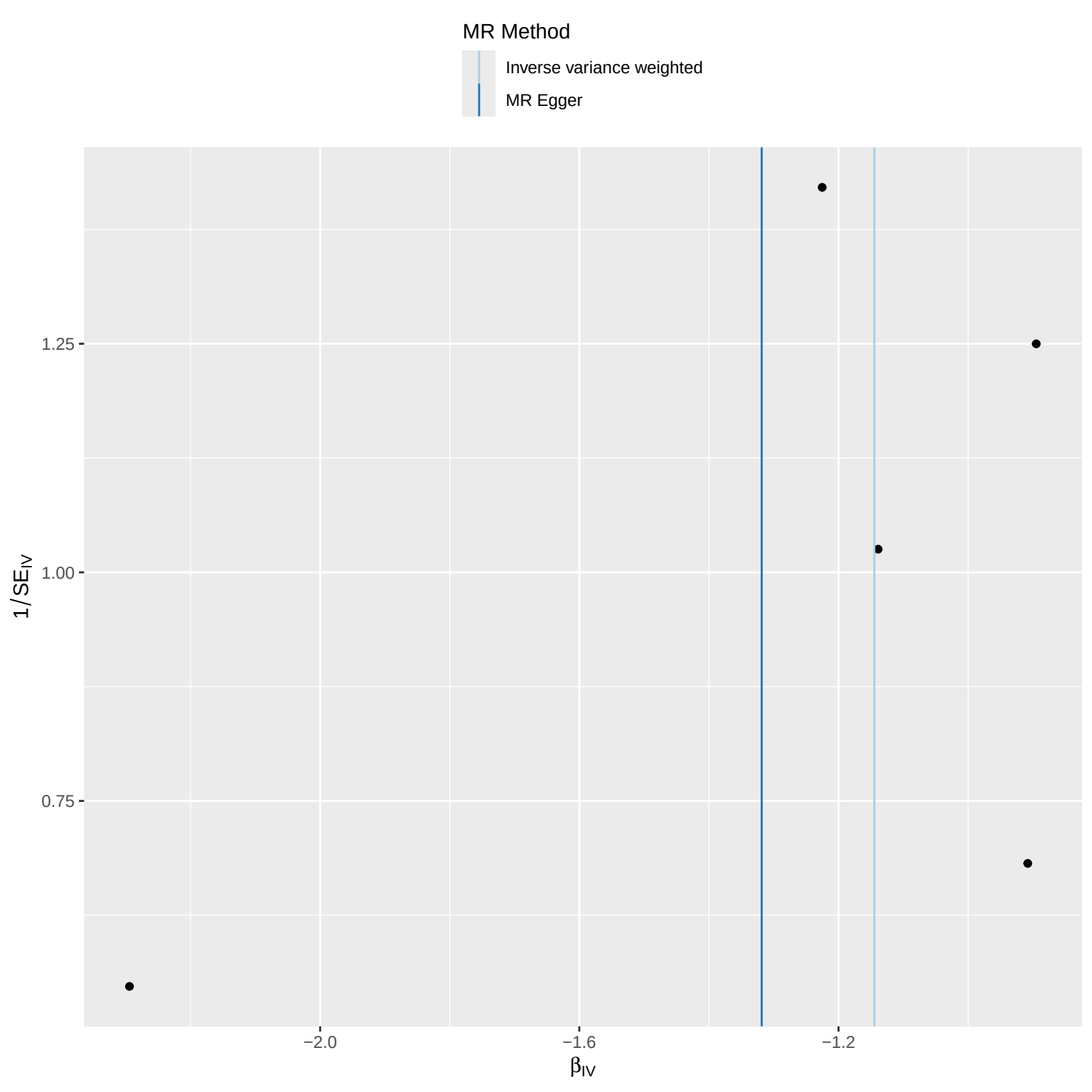

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

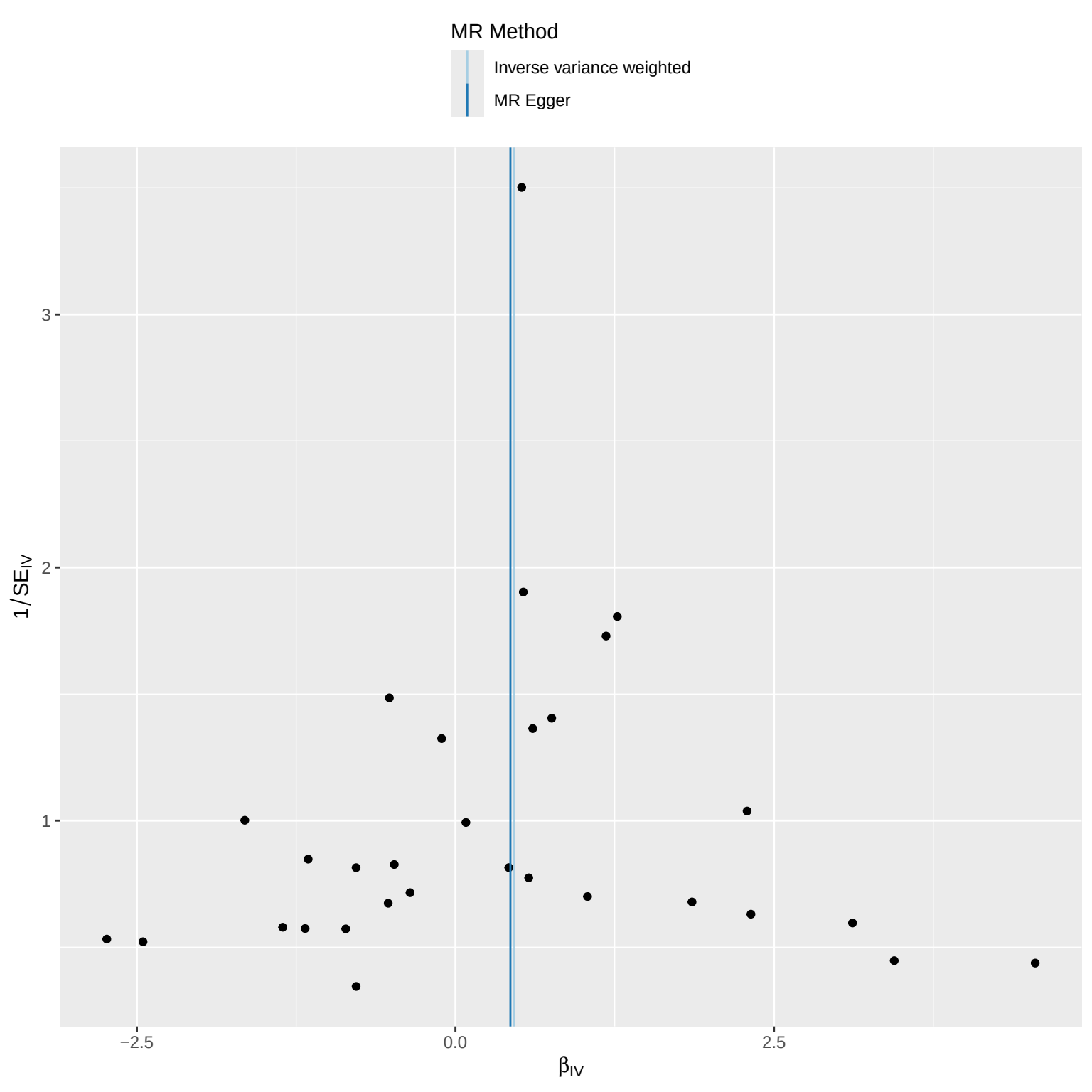

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

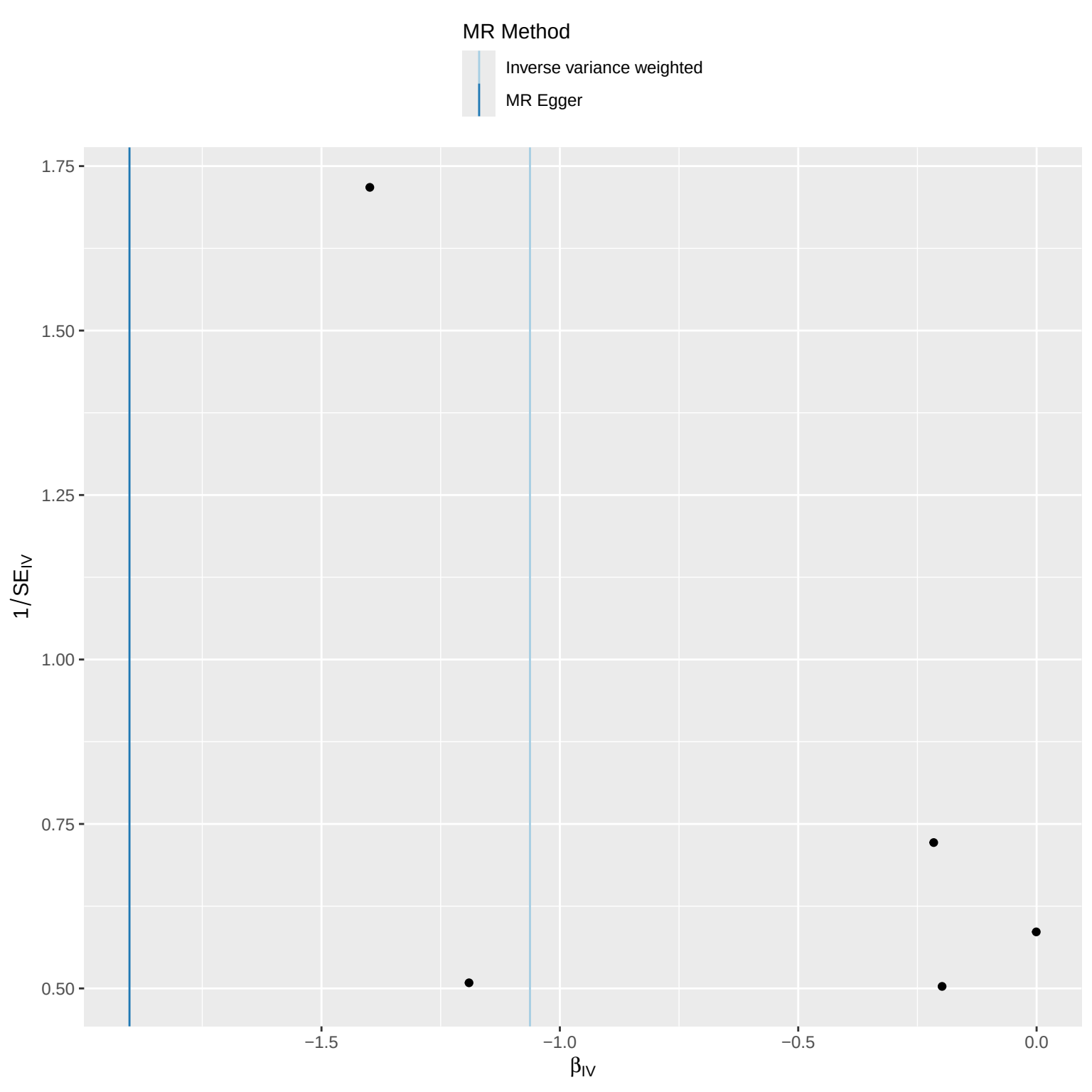

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

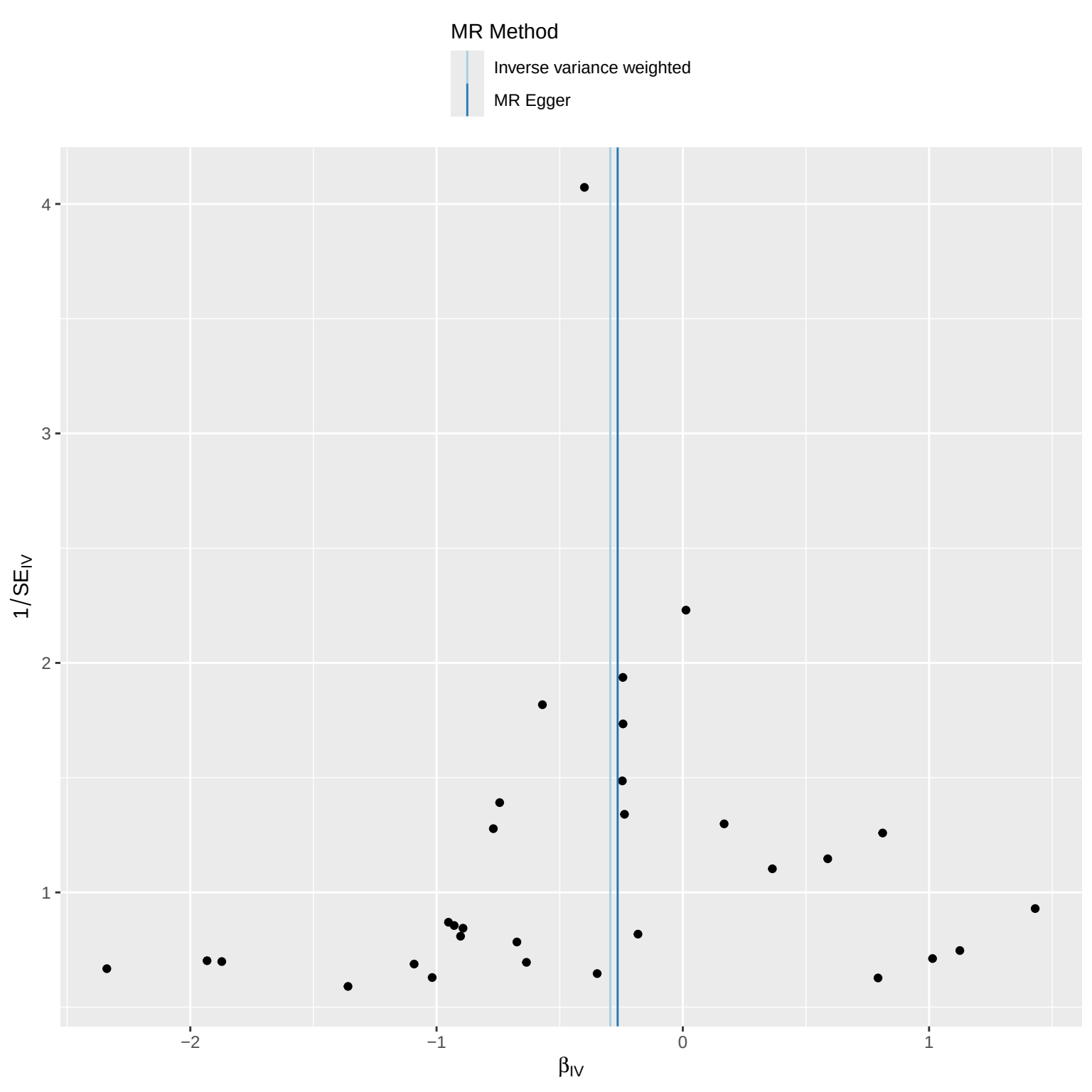

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
β_IV

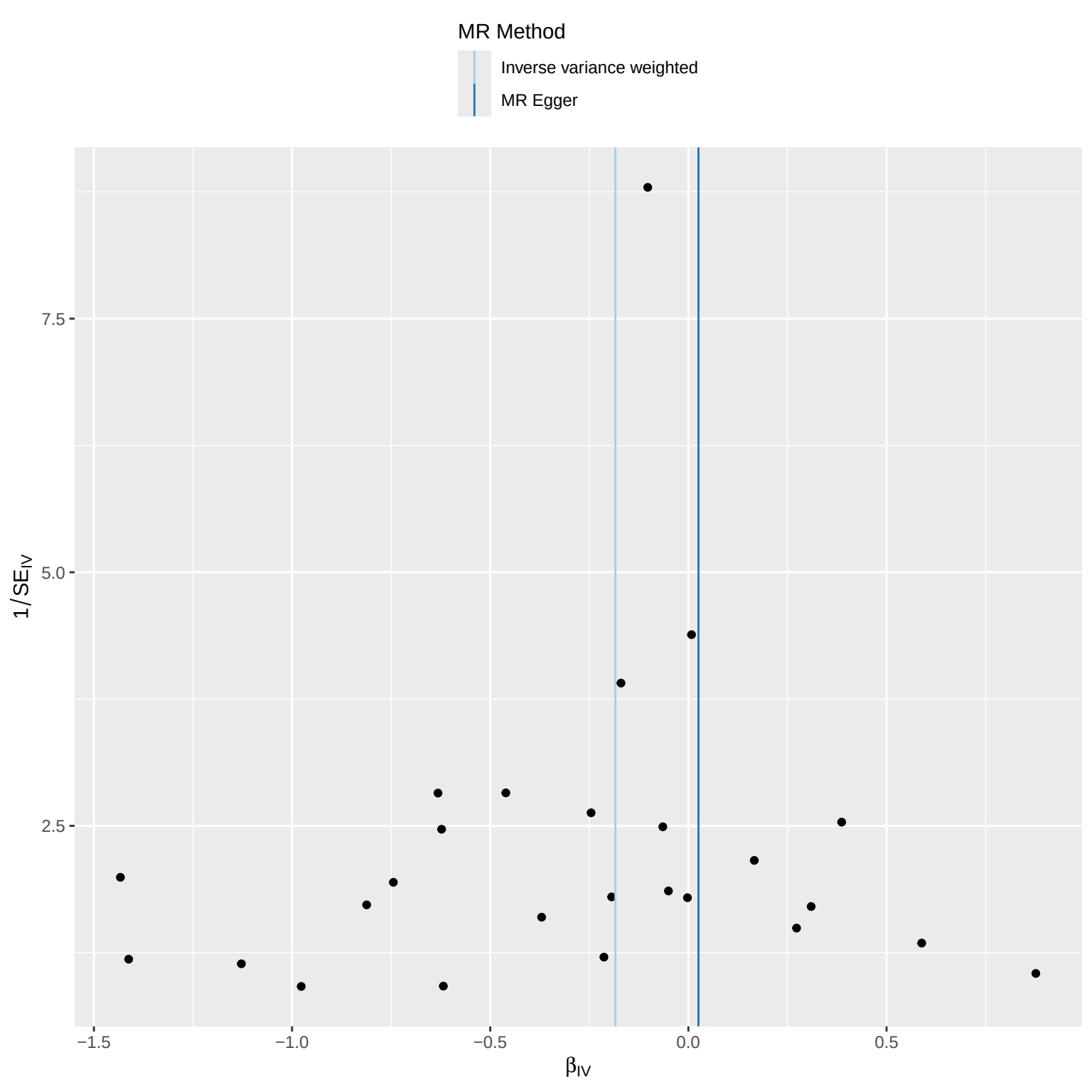

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
β_IV

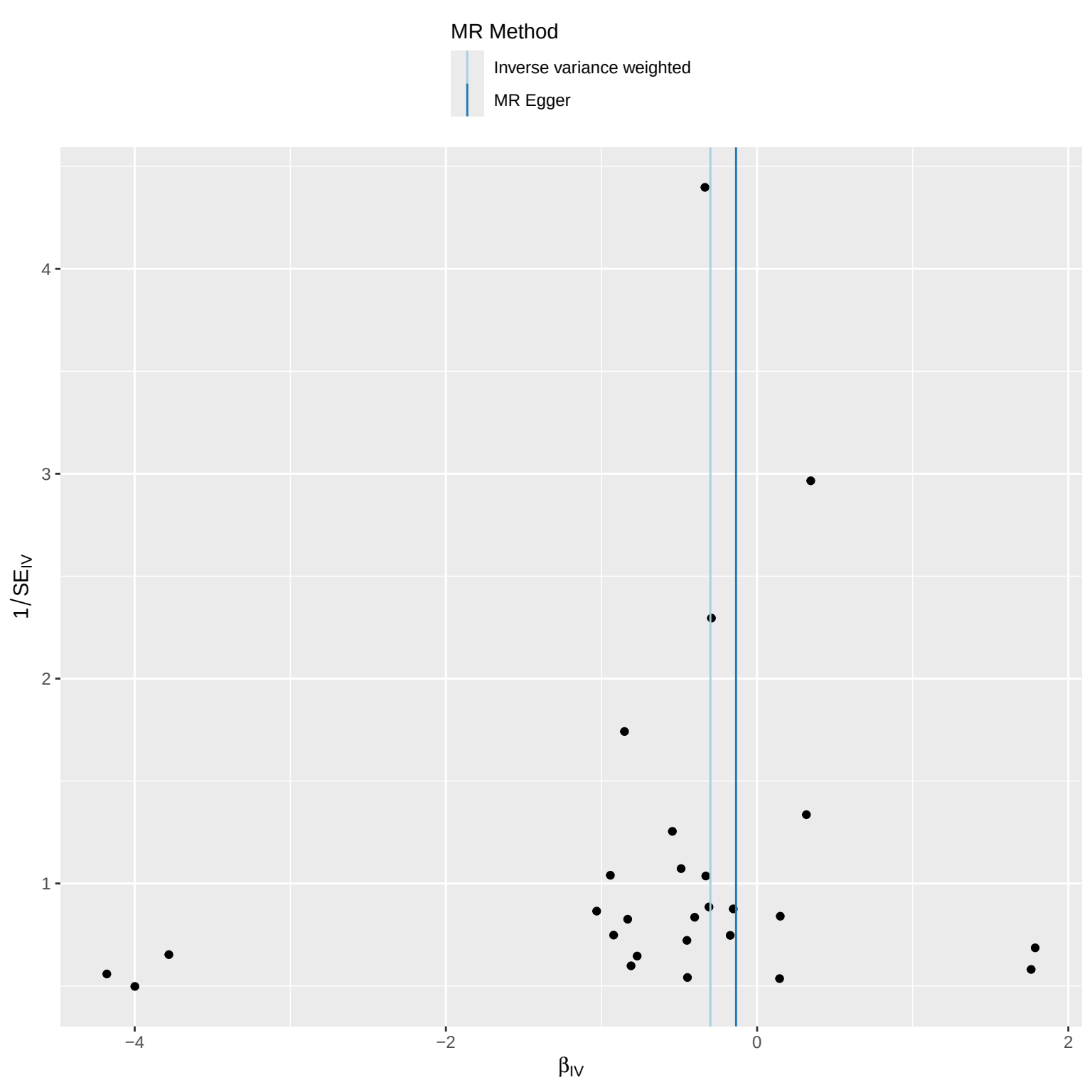

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
1/SE_IV
−2.0
−1.6
−1.2
β_IV

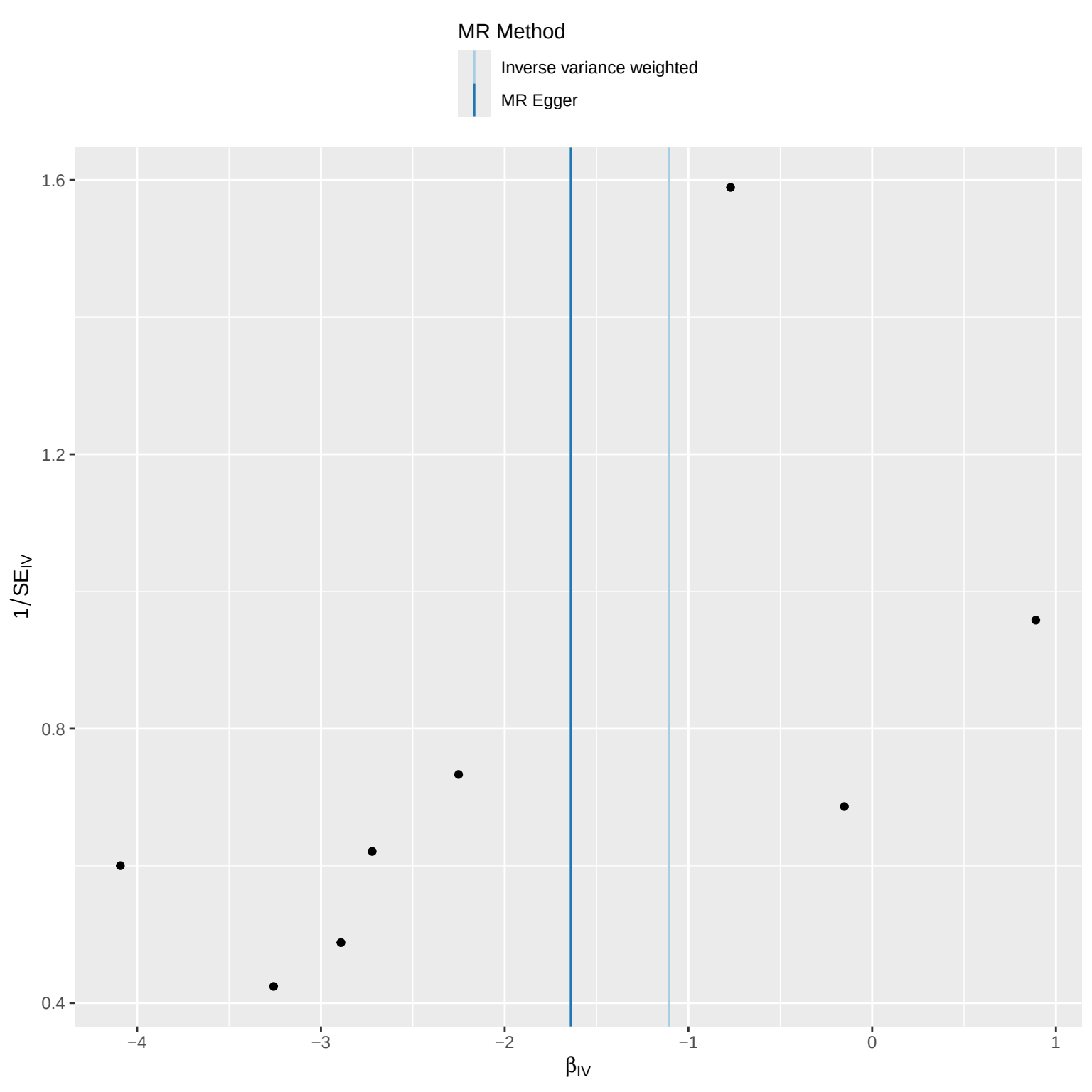

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

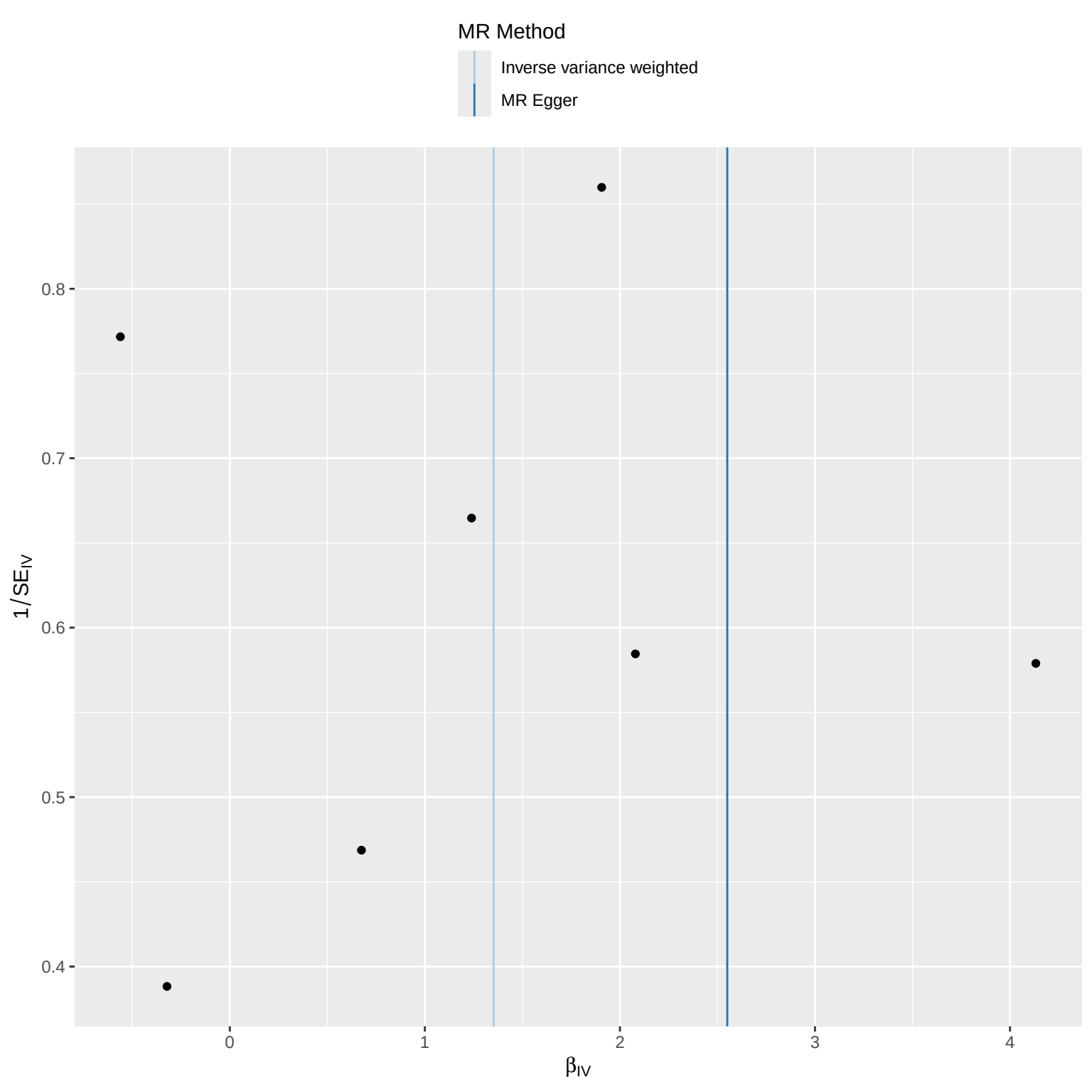

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

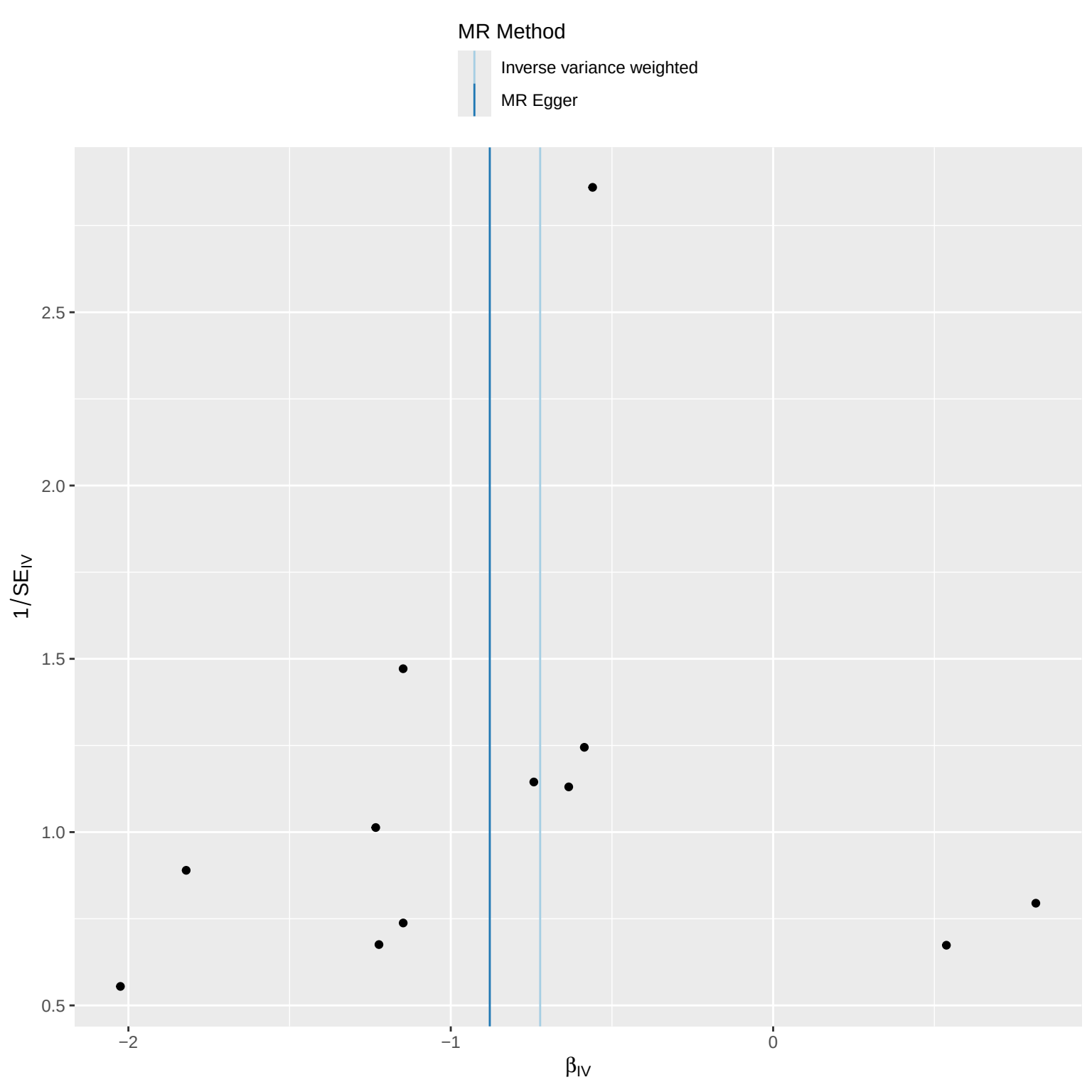

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

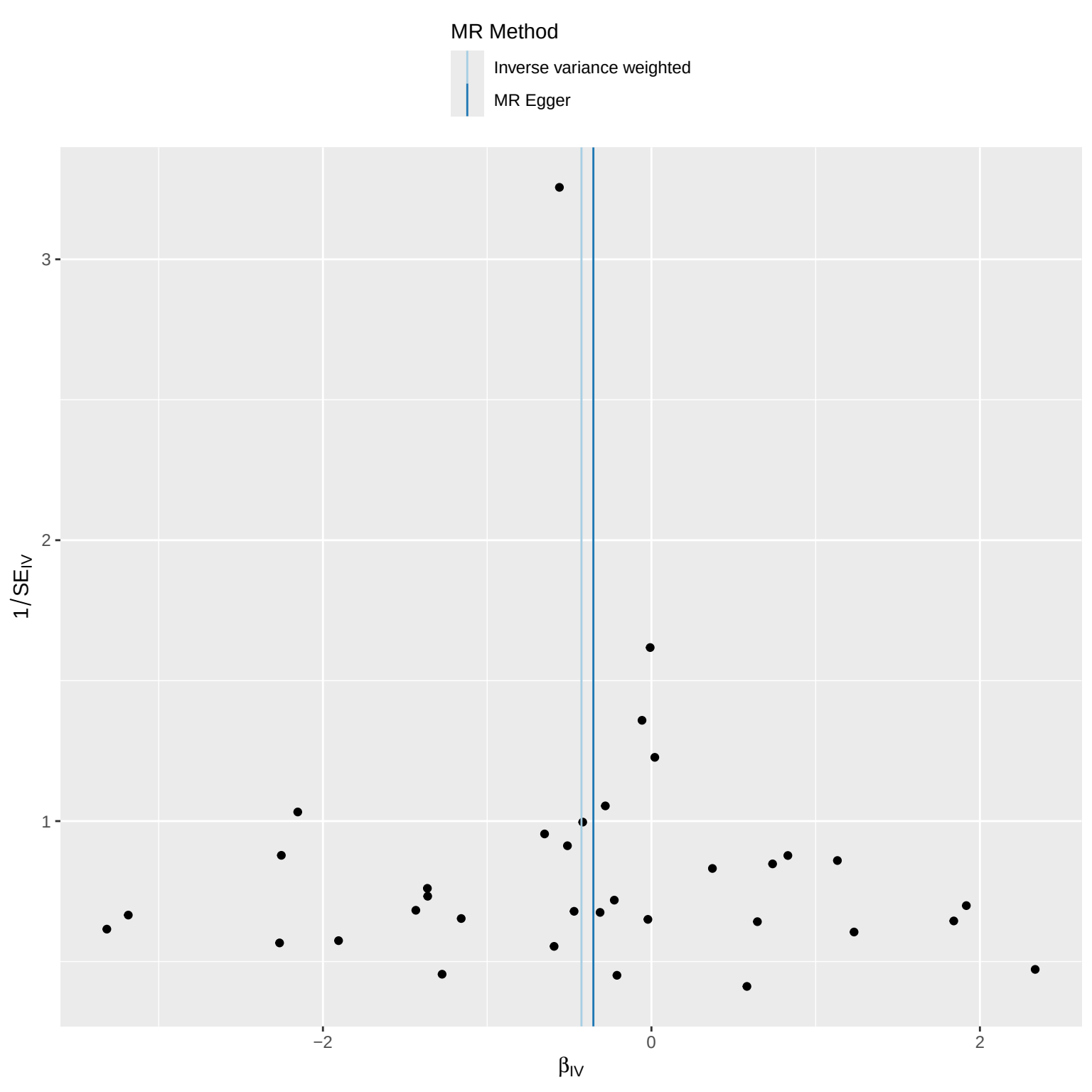

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

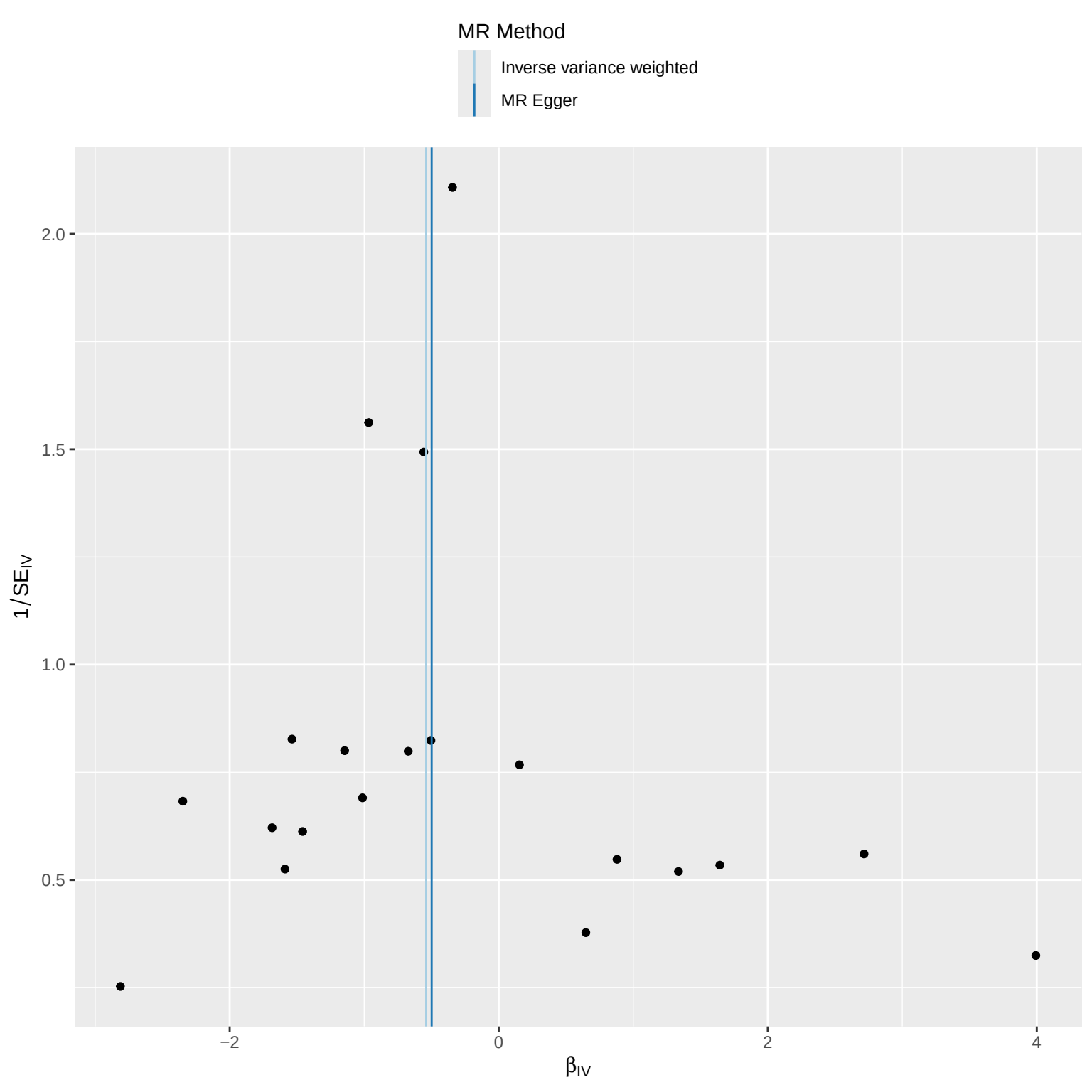

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

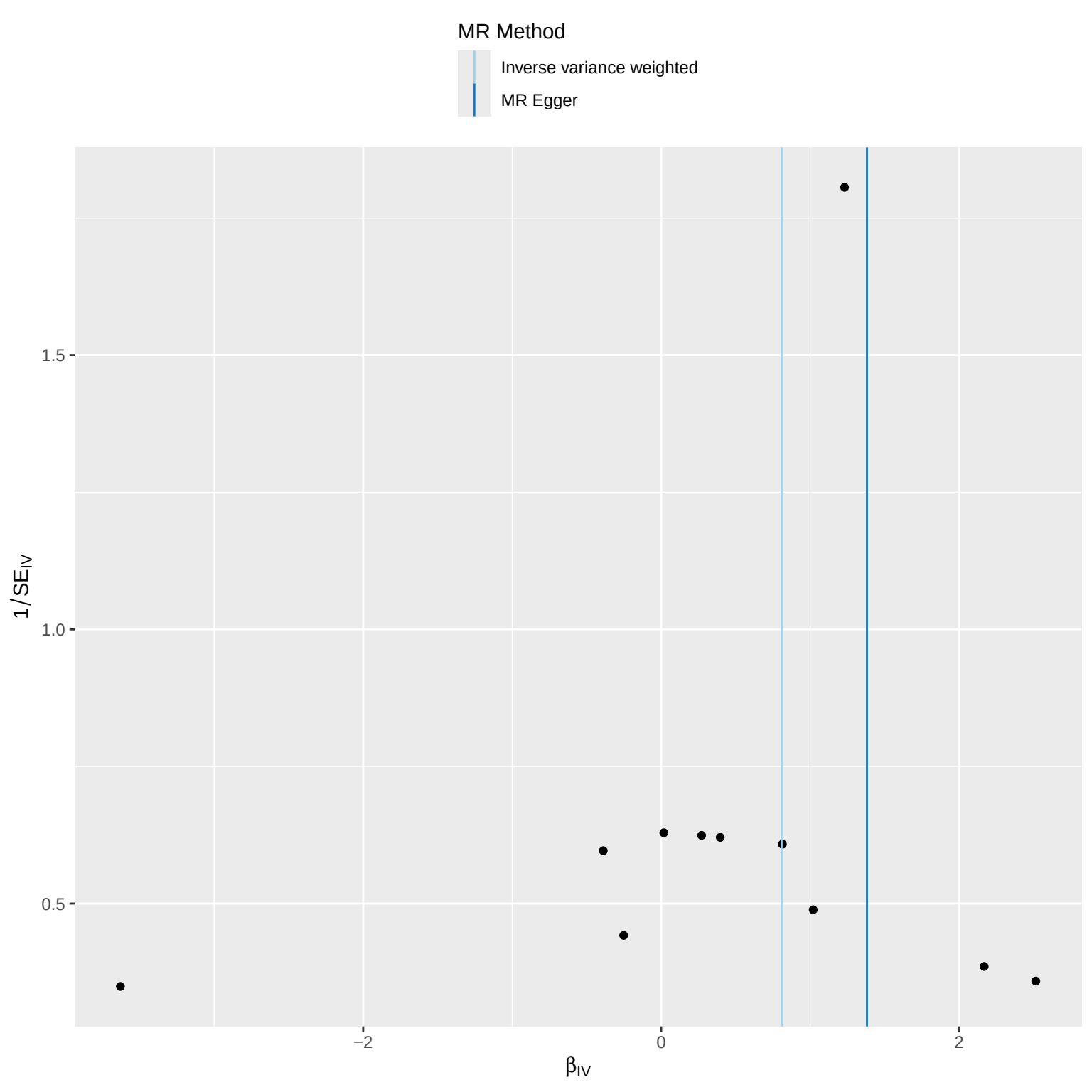

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

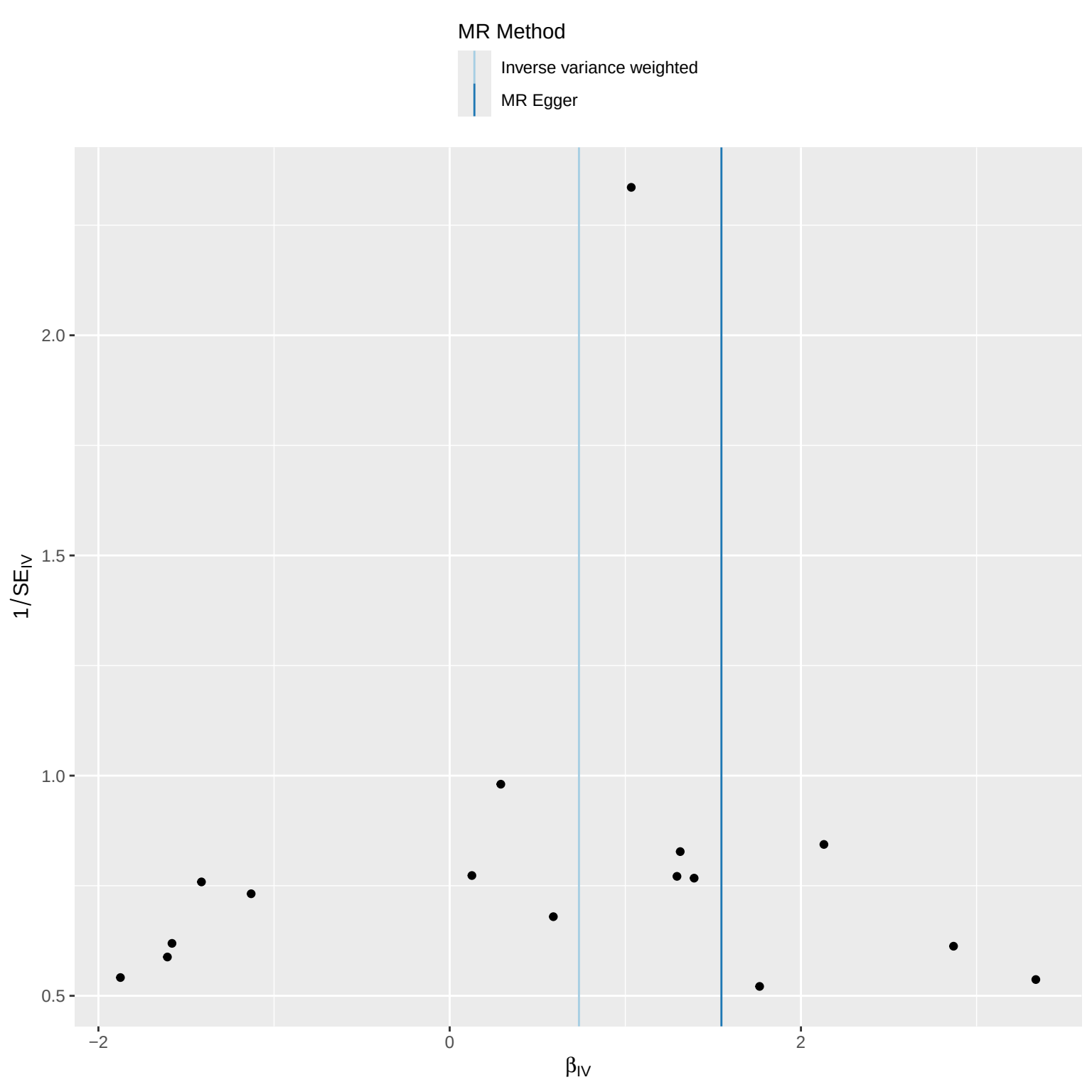

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
0
1
2
3
4
β_IV

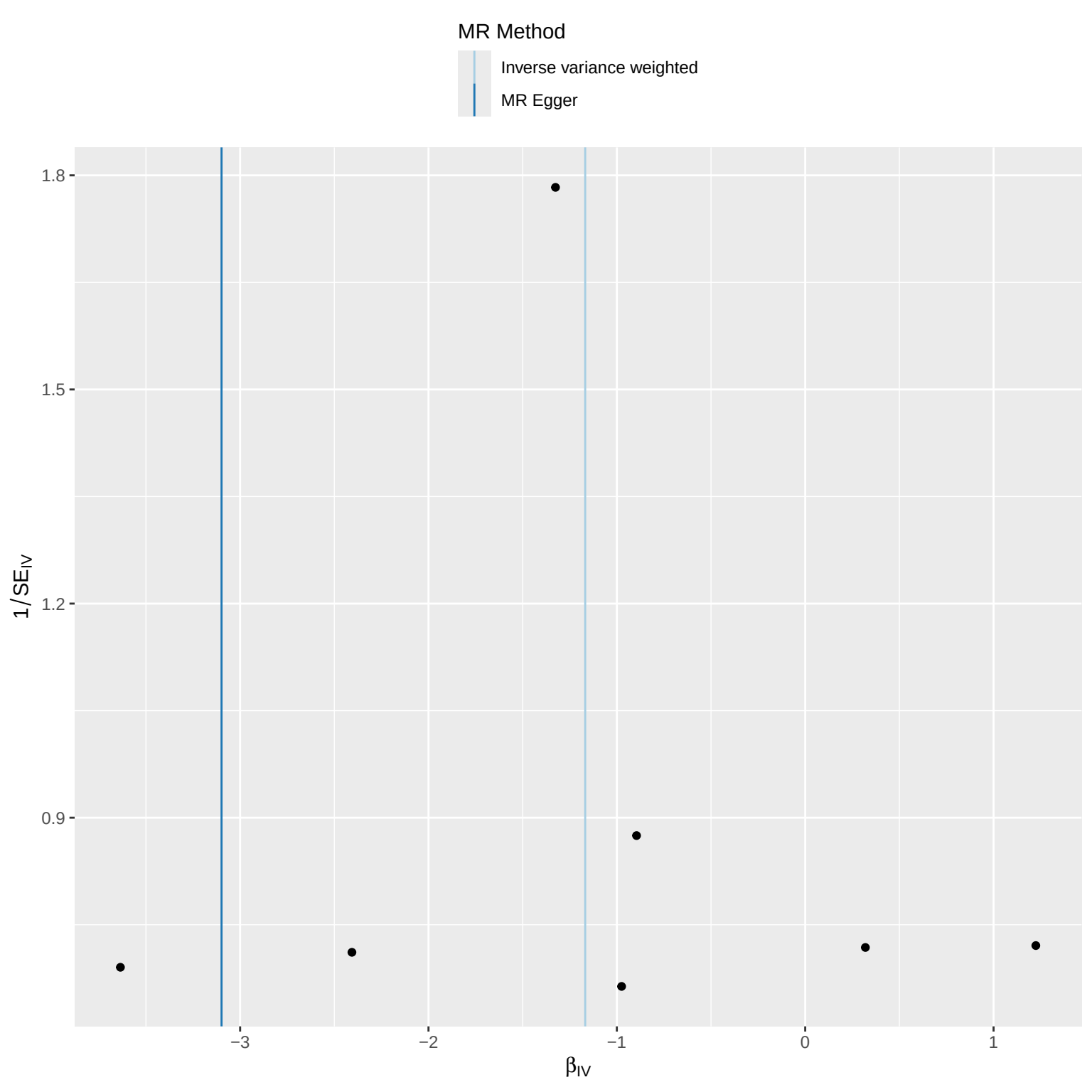

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

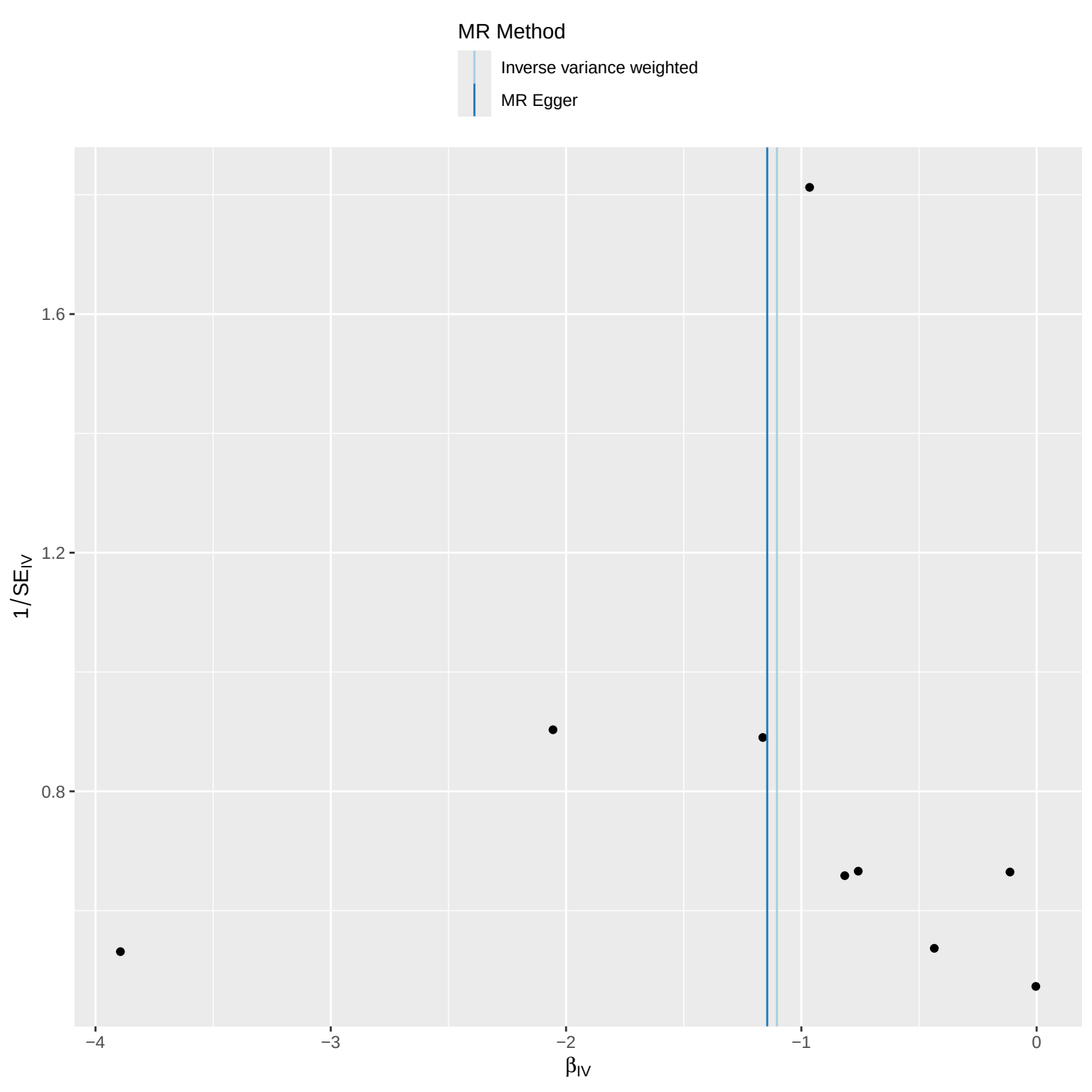

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

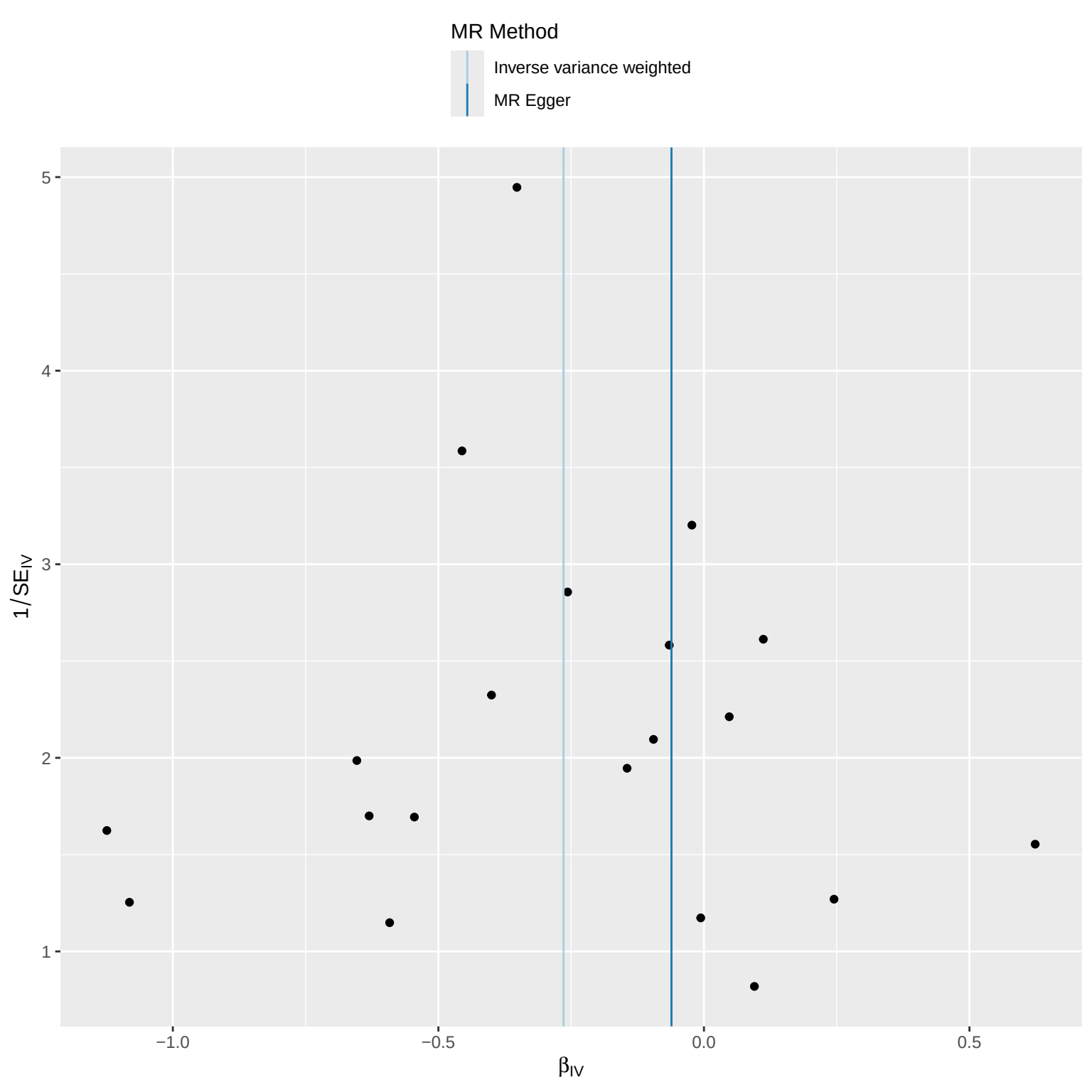

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

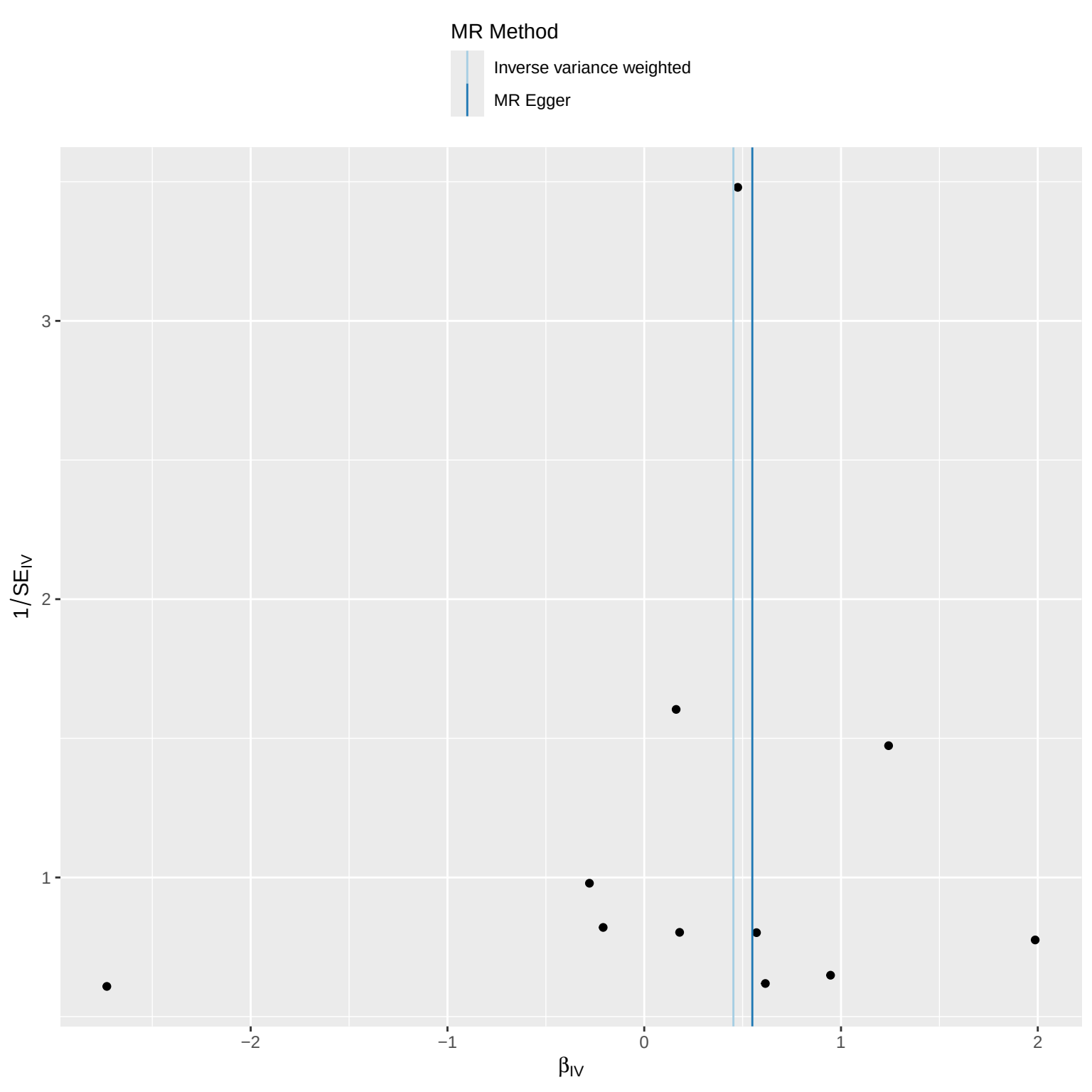

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

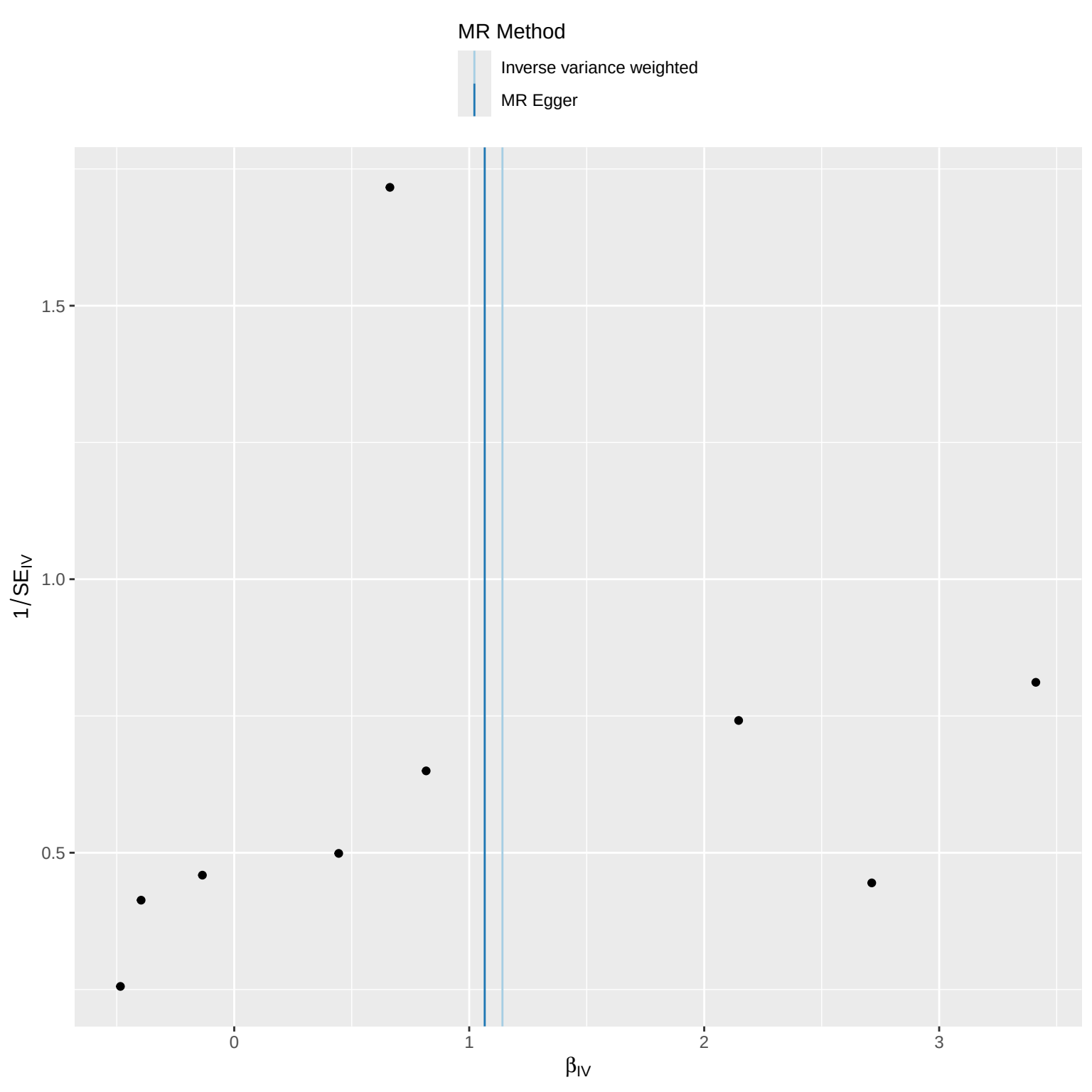

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

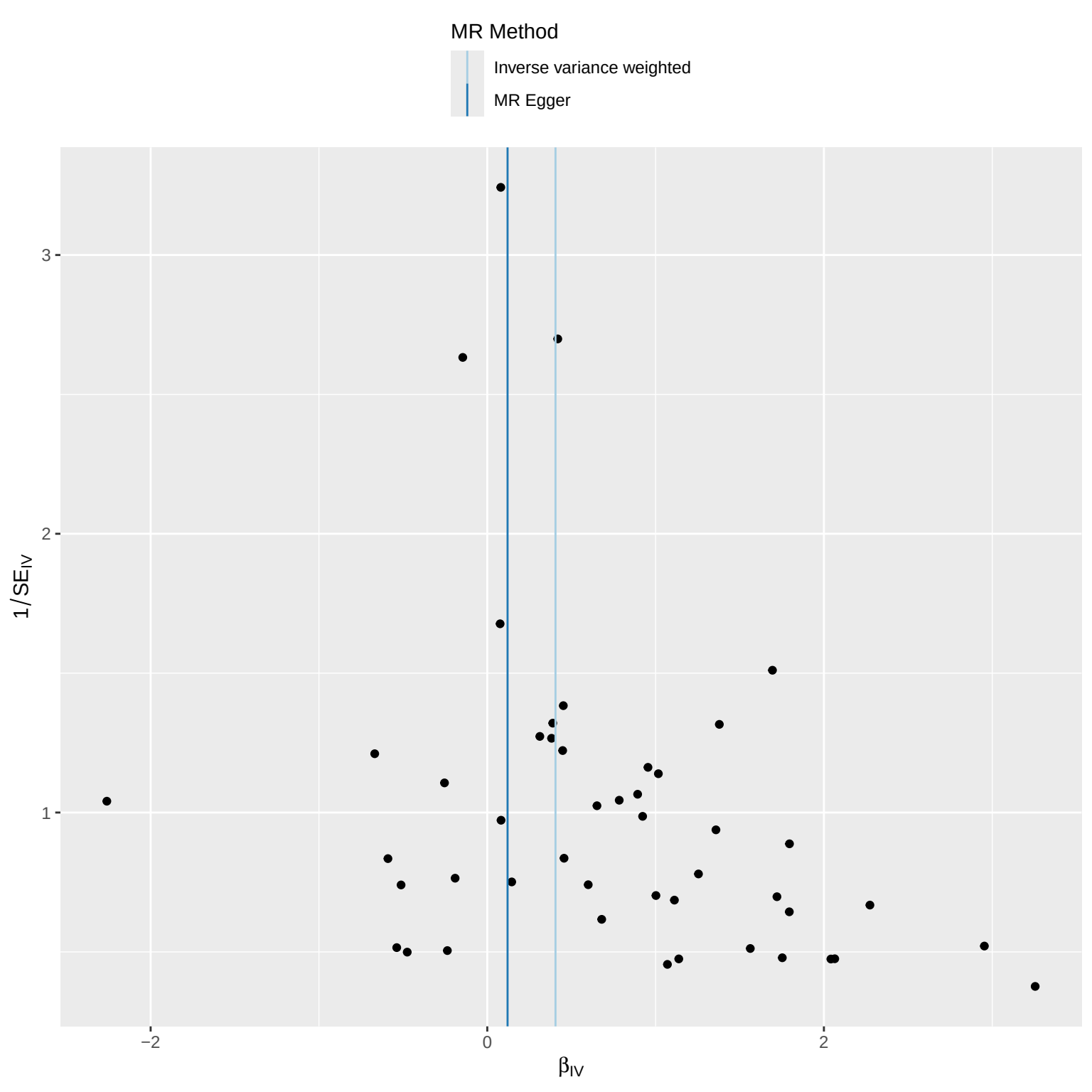

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
−3
−2
−1
0
1
β_IV

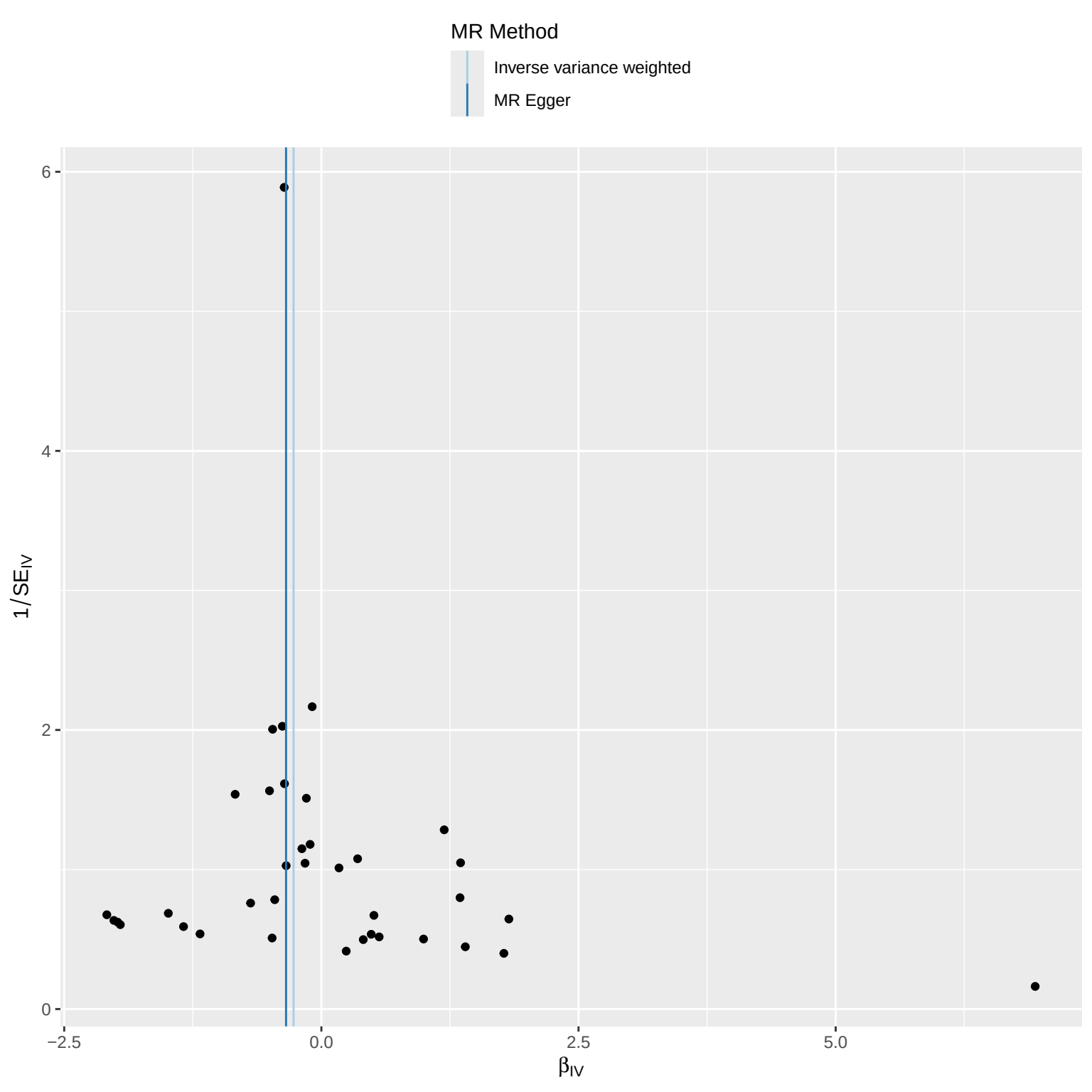

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−4
−3
−2
−1
0
β_IV

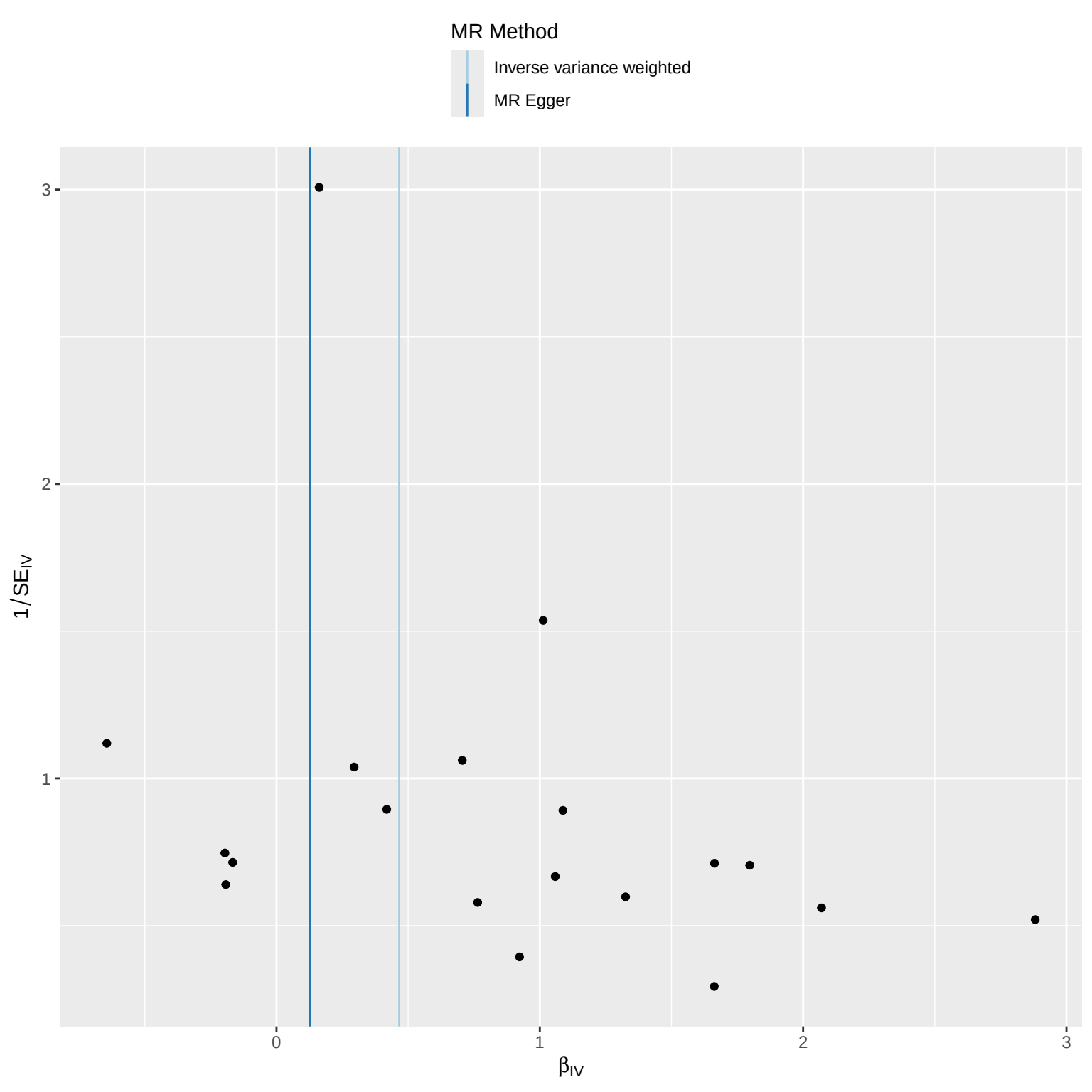

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

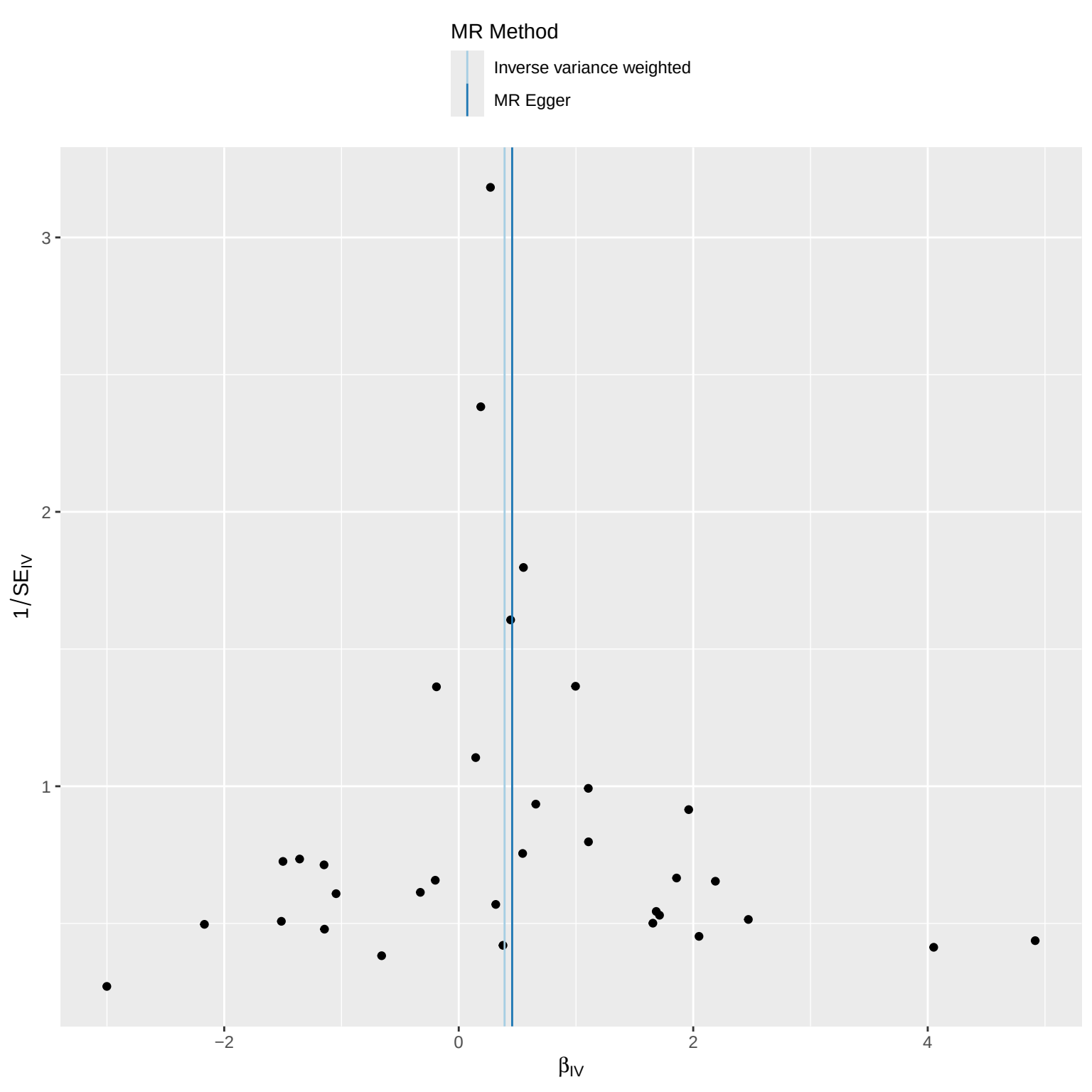

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

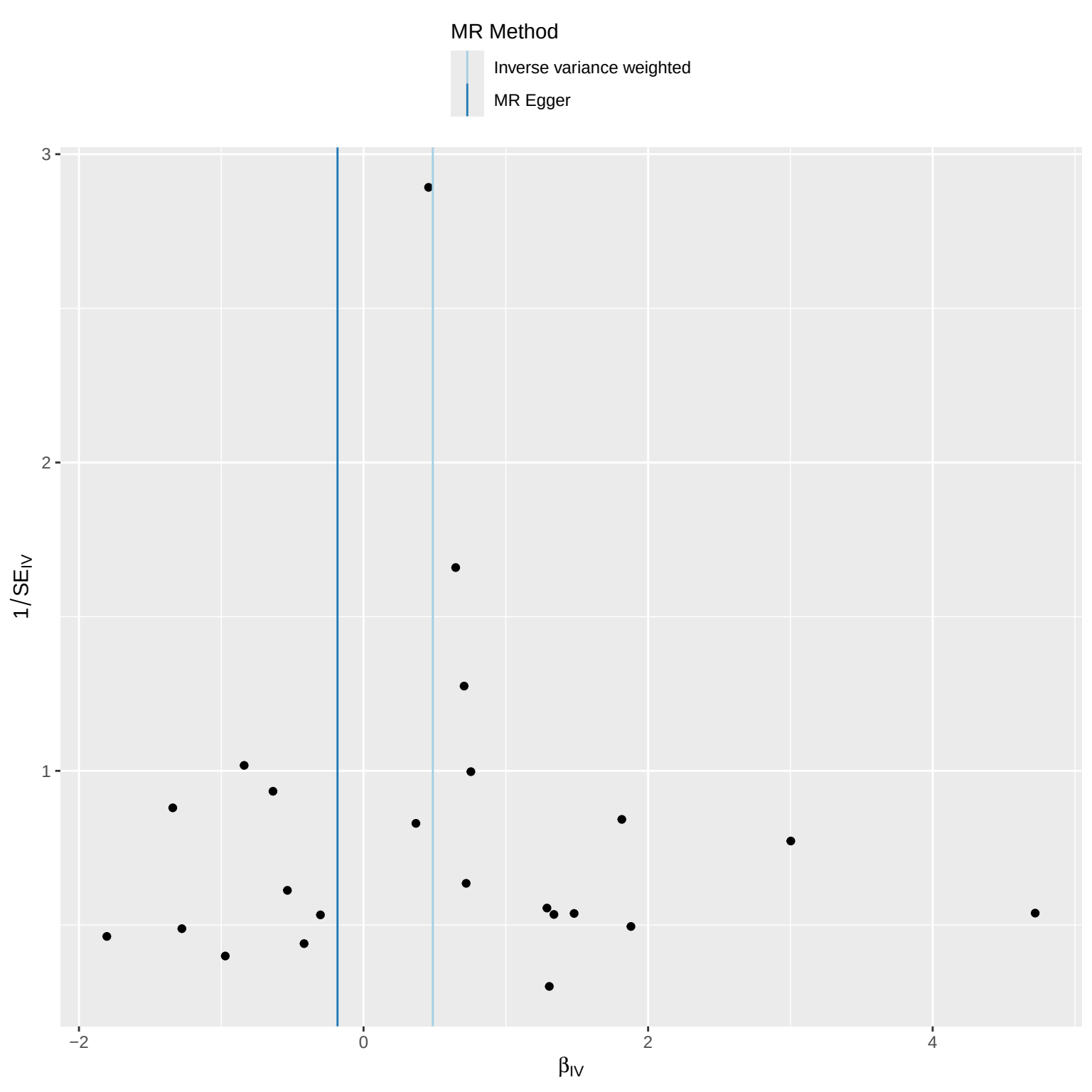

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

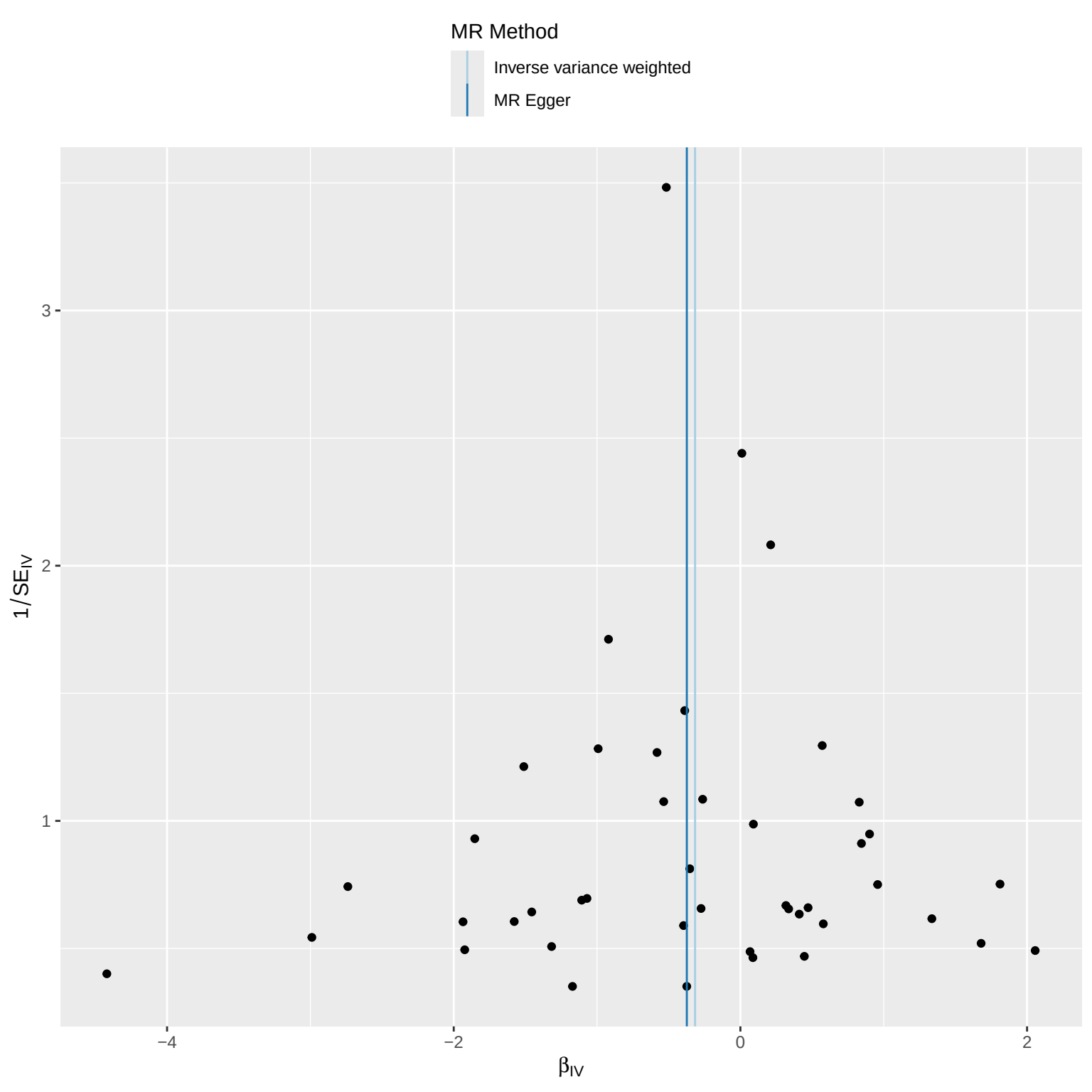

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

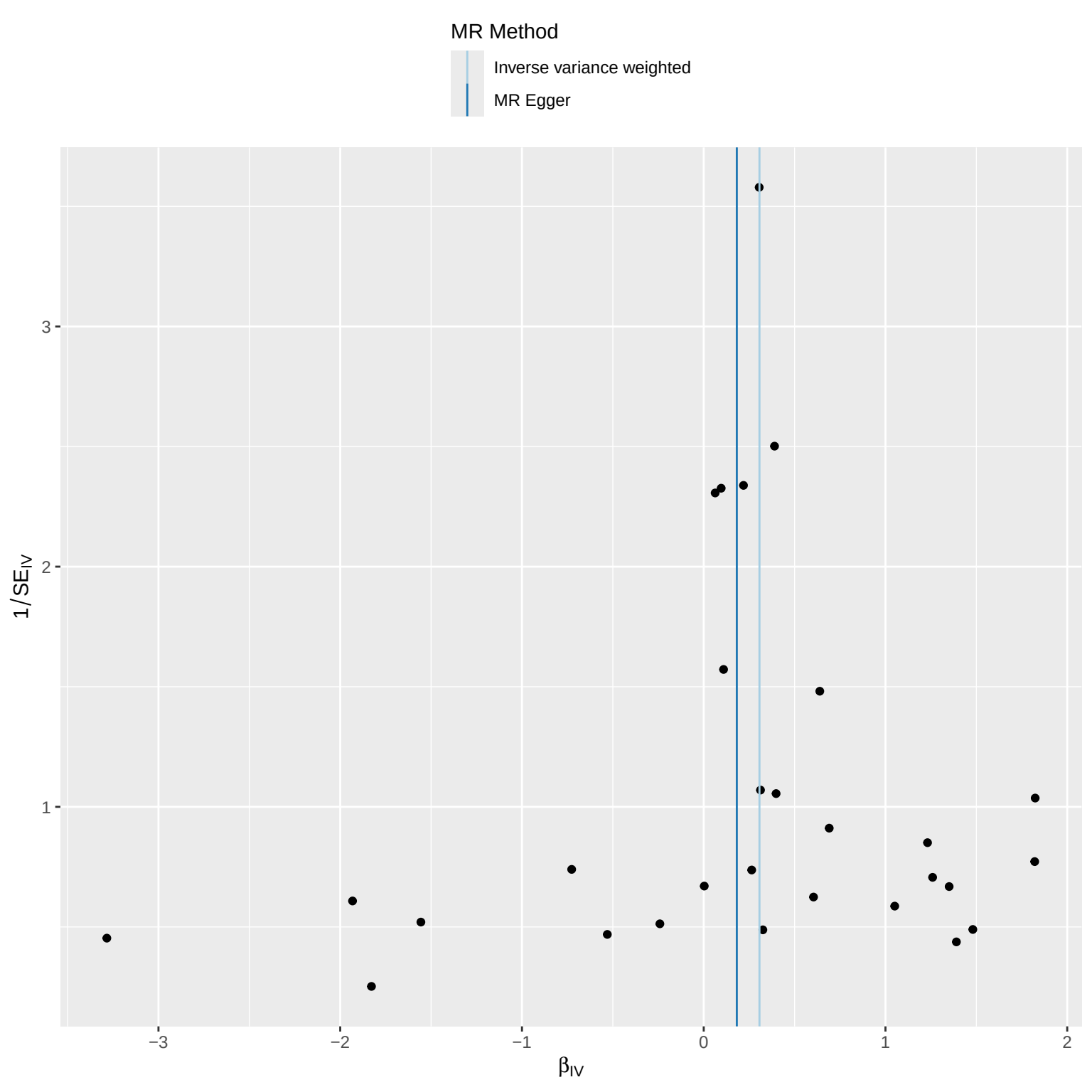

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

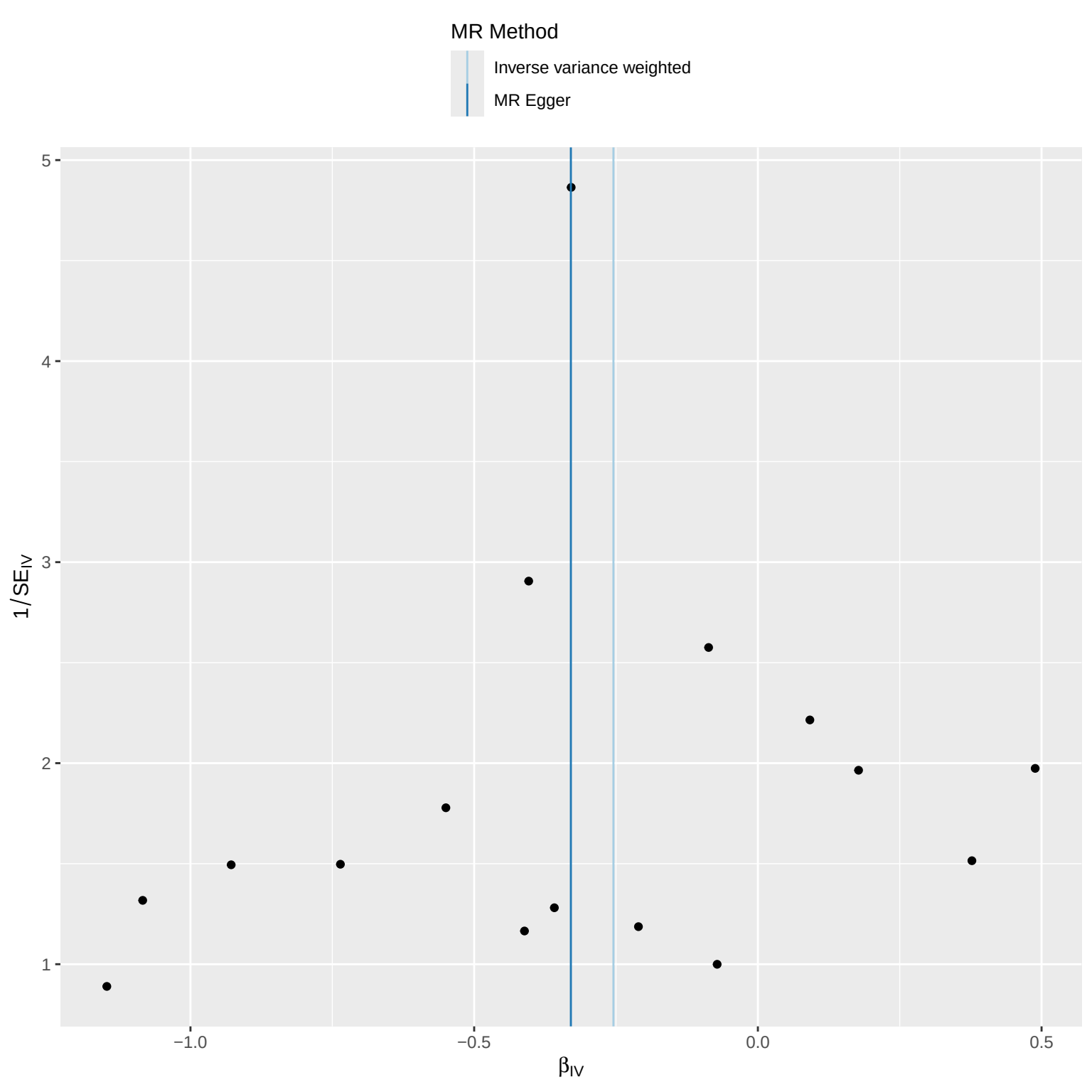

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
3
1/SE_IV
β_IV

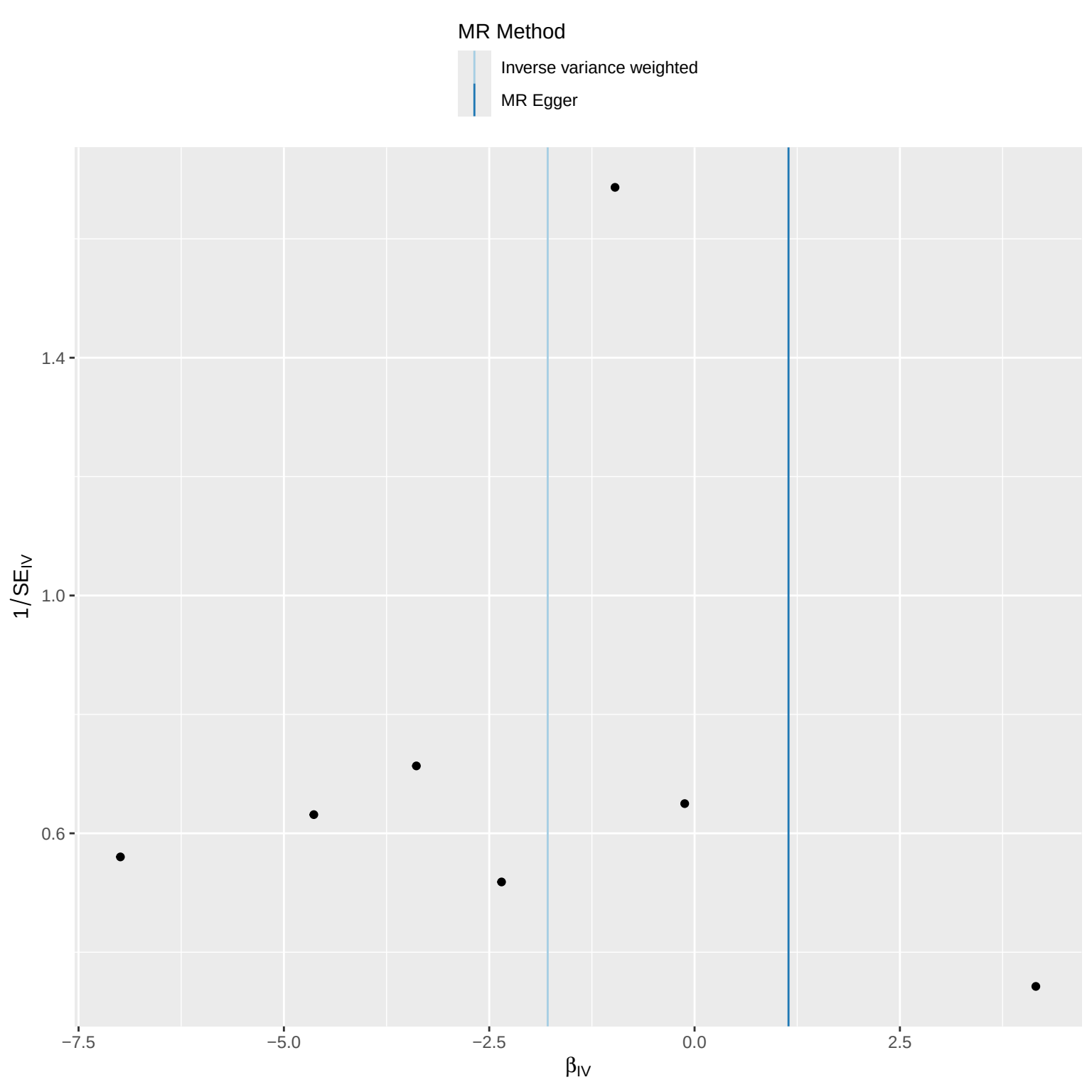

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

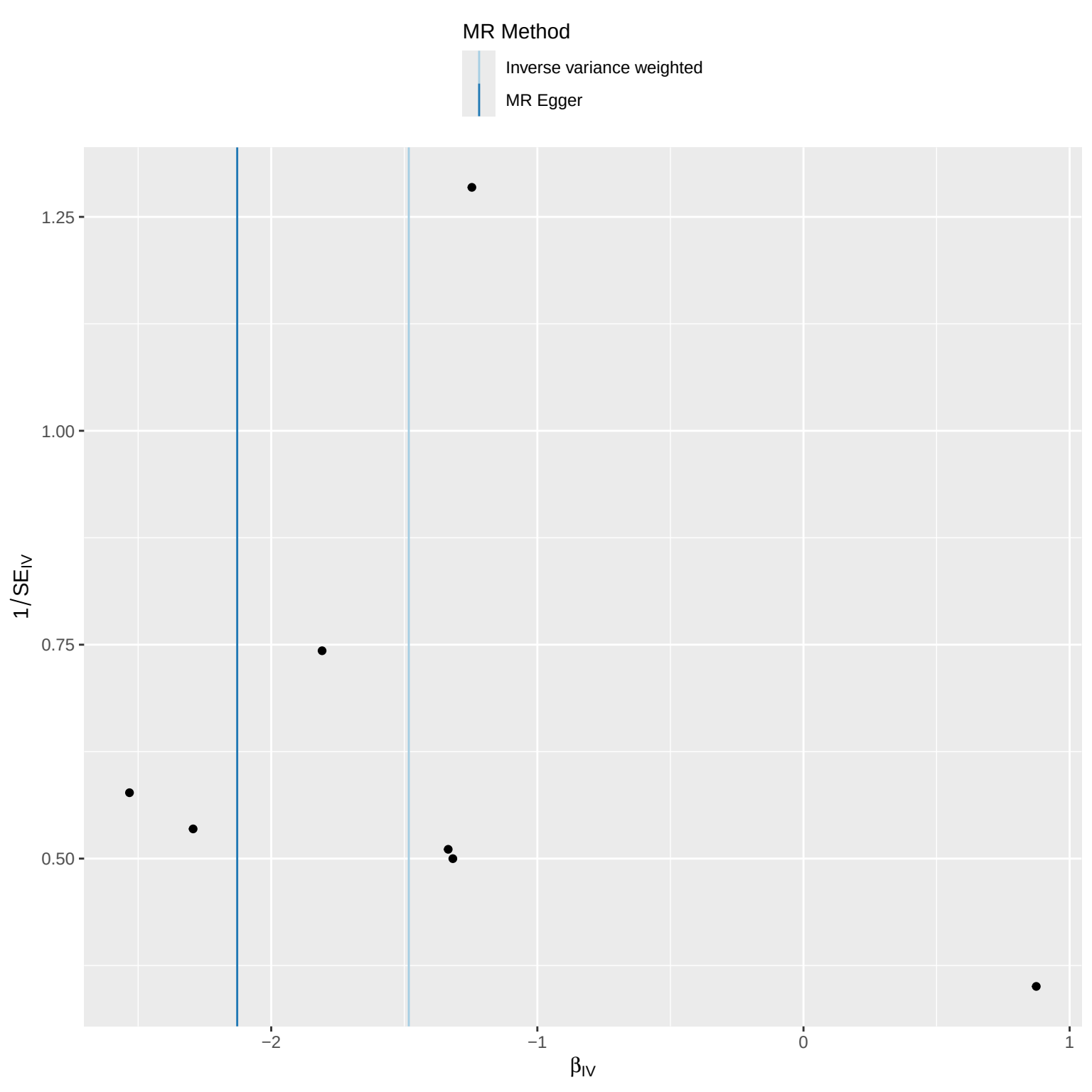

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

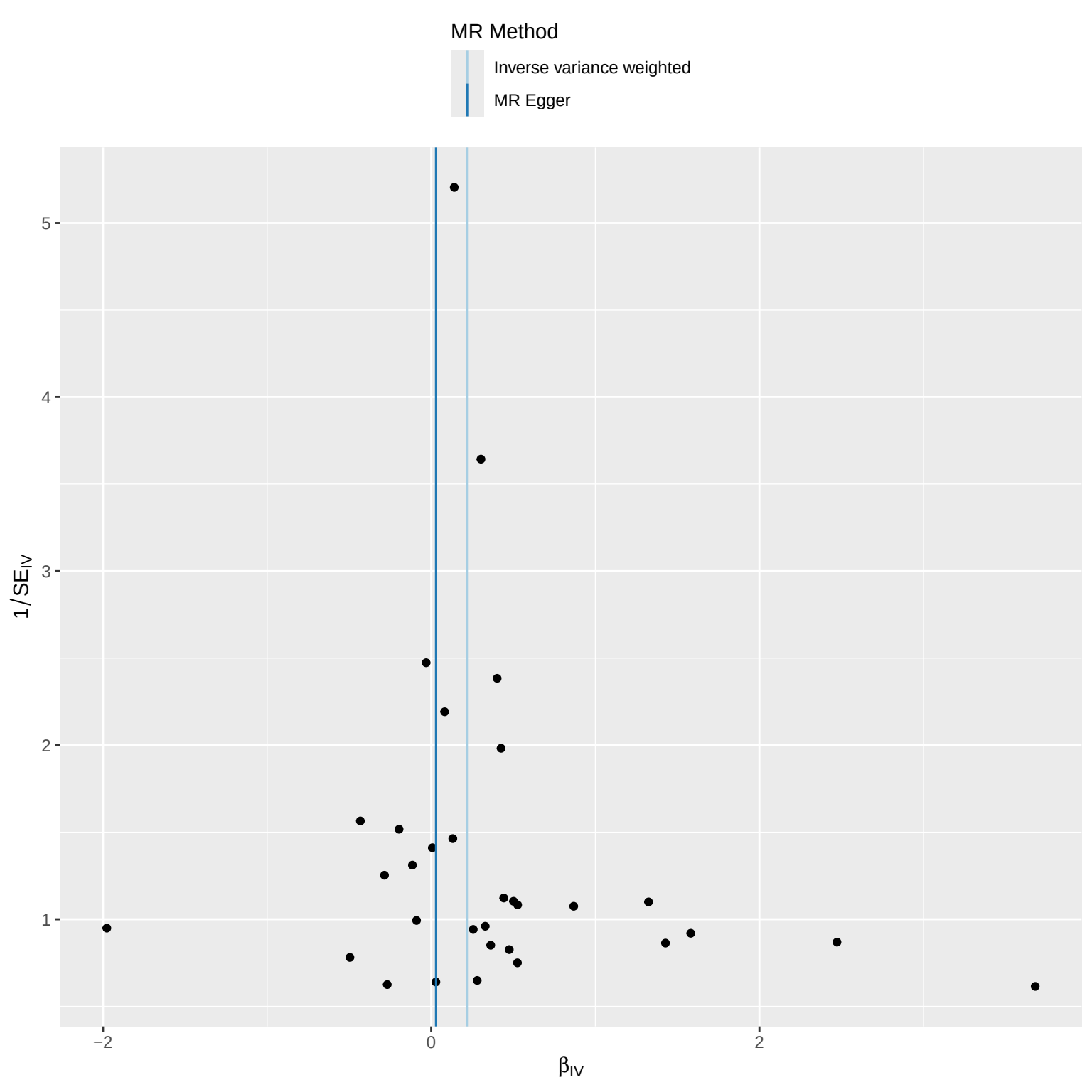

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

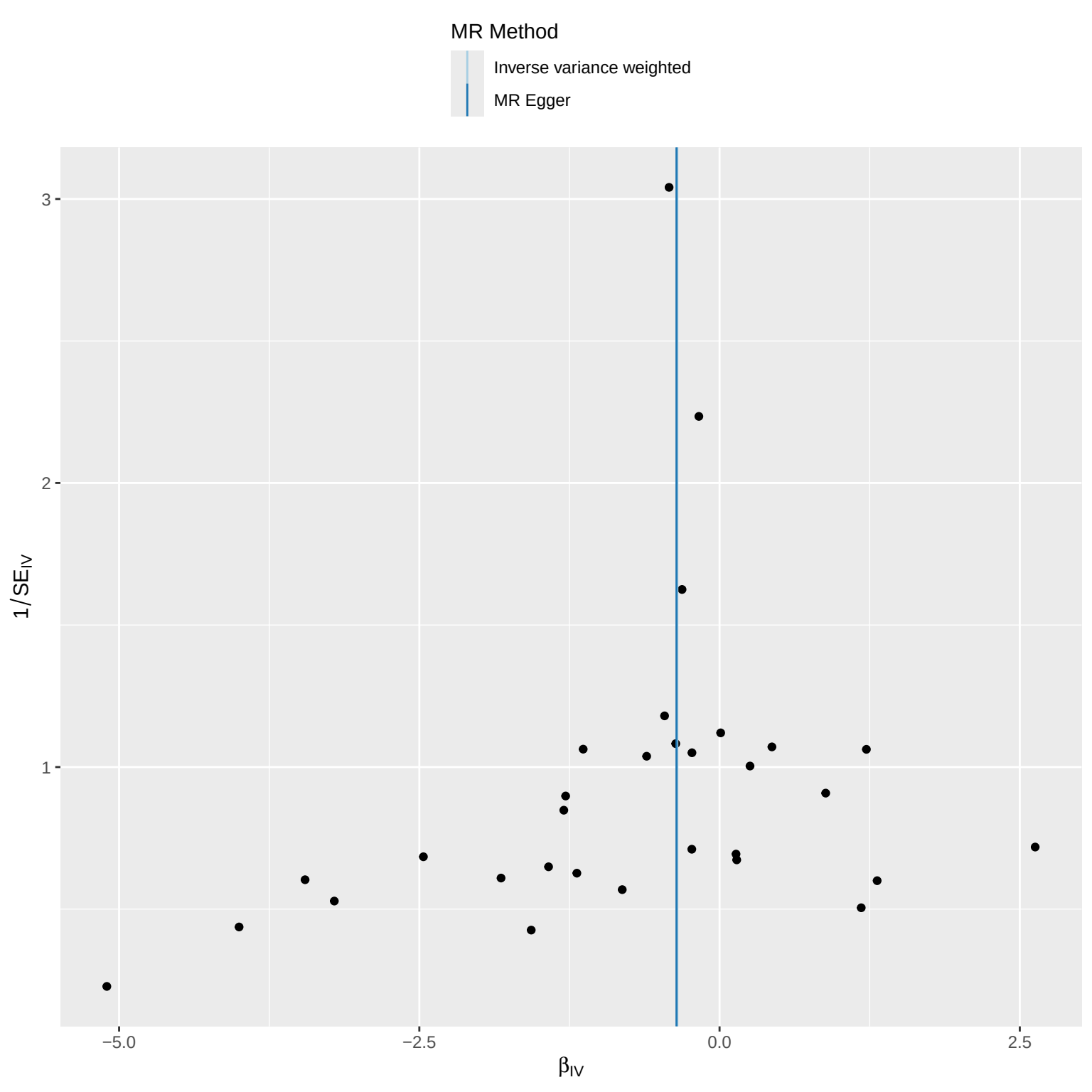

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
3
2
1
−3
−2
−1
0
1
2

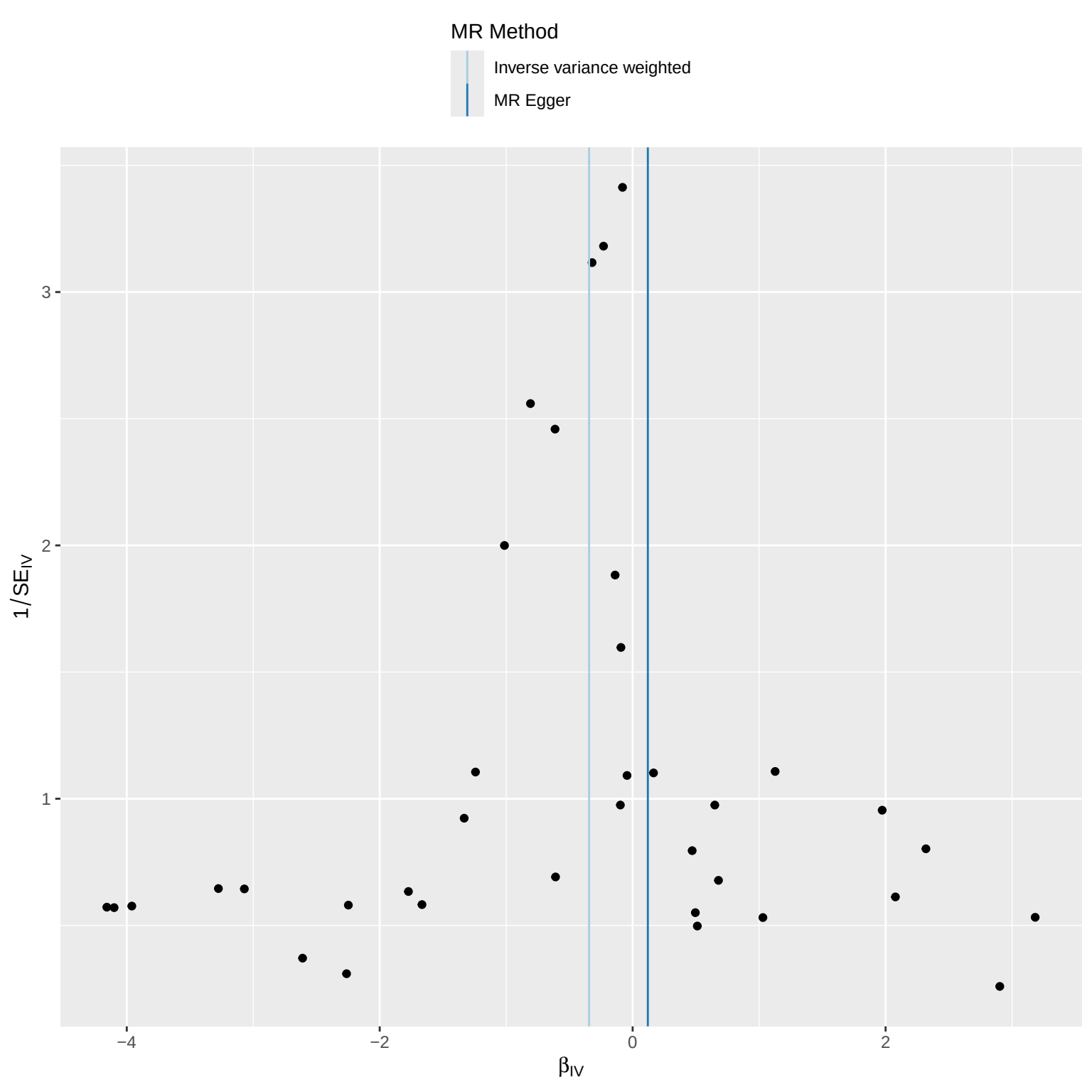

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

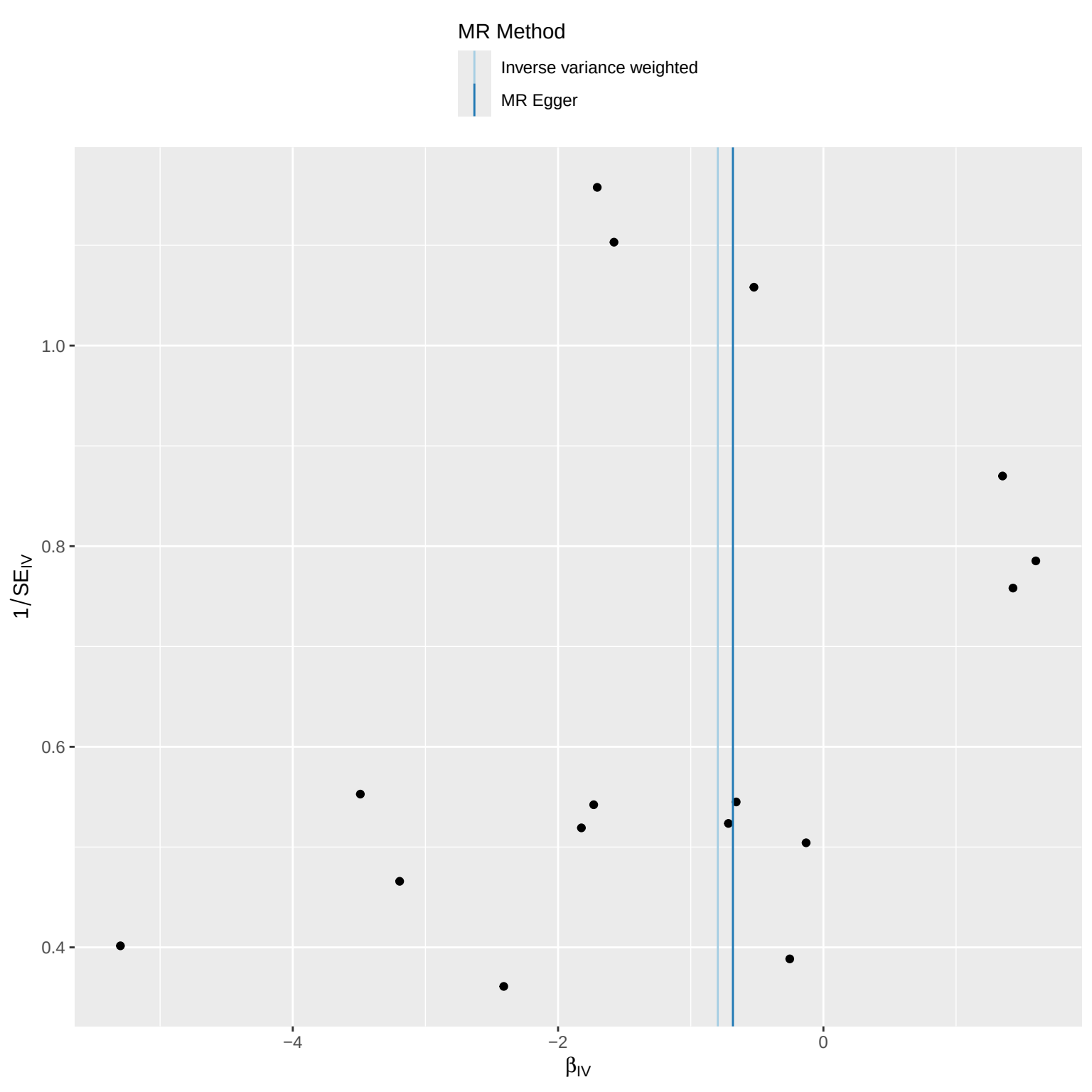

MR Method
Inverse variance weighted
MR Egger
1.4
1.0
0.6
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
β_IV

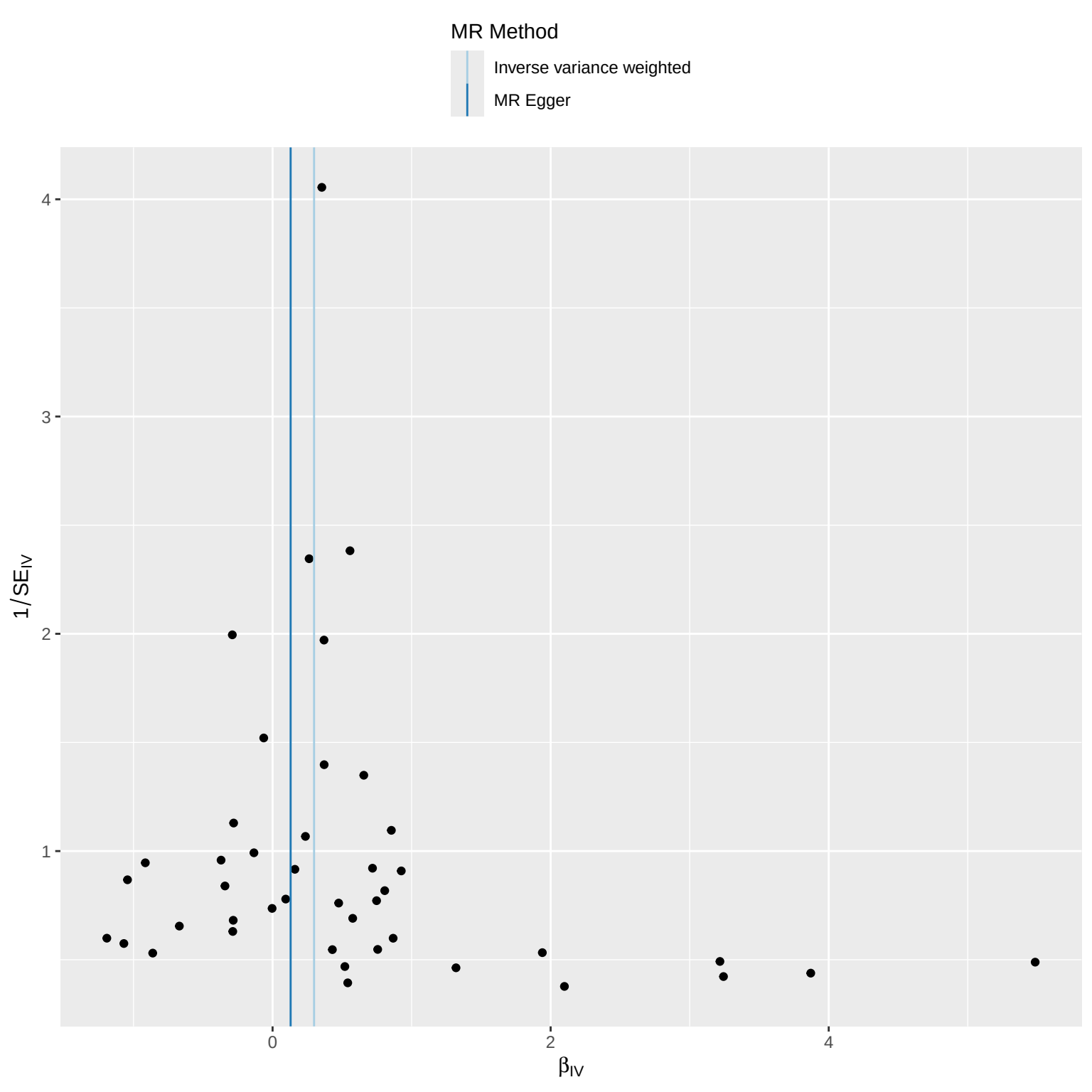

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
β_IV

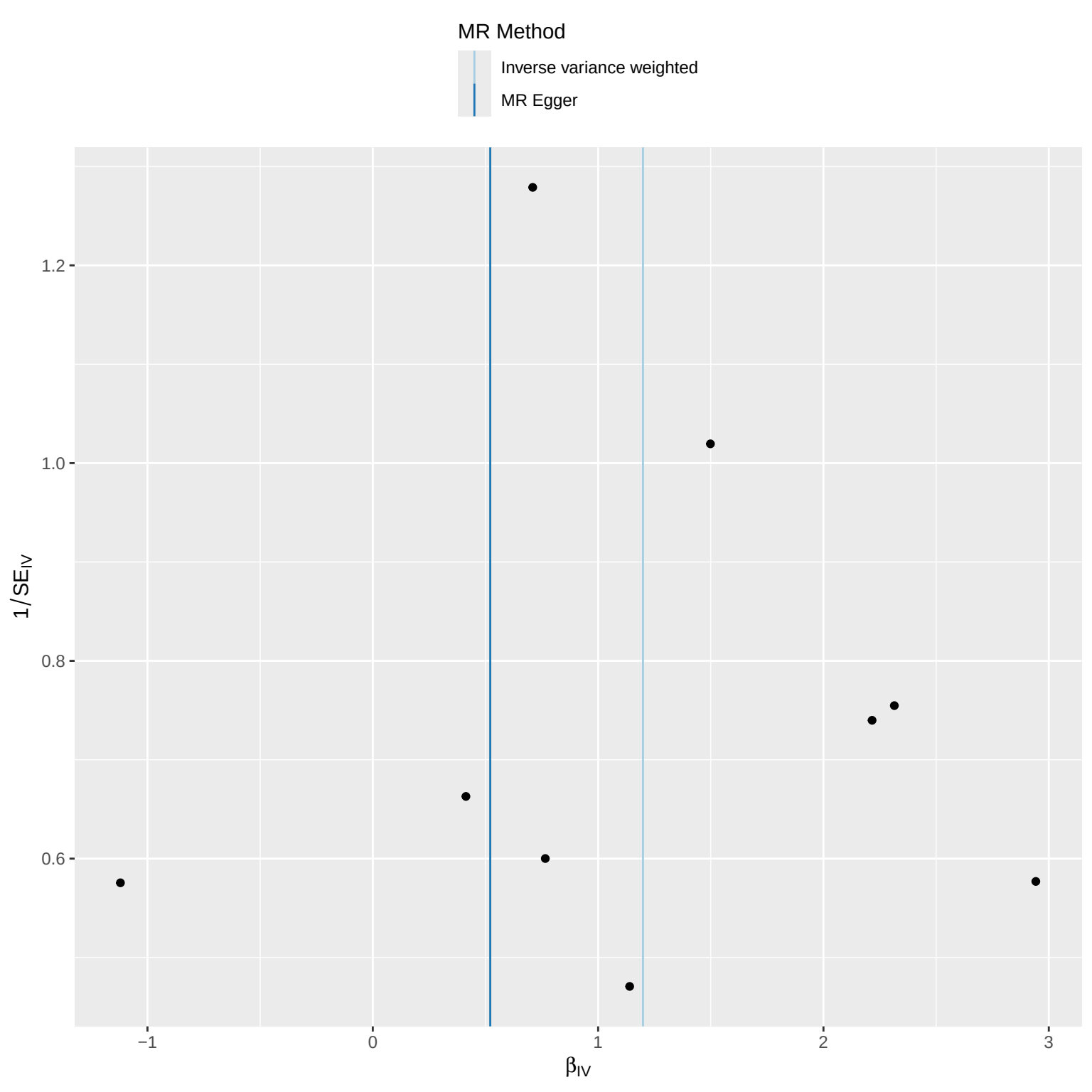

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

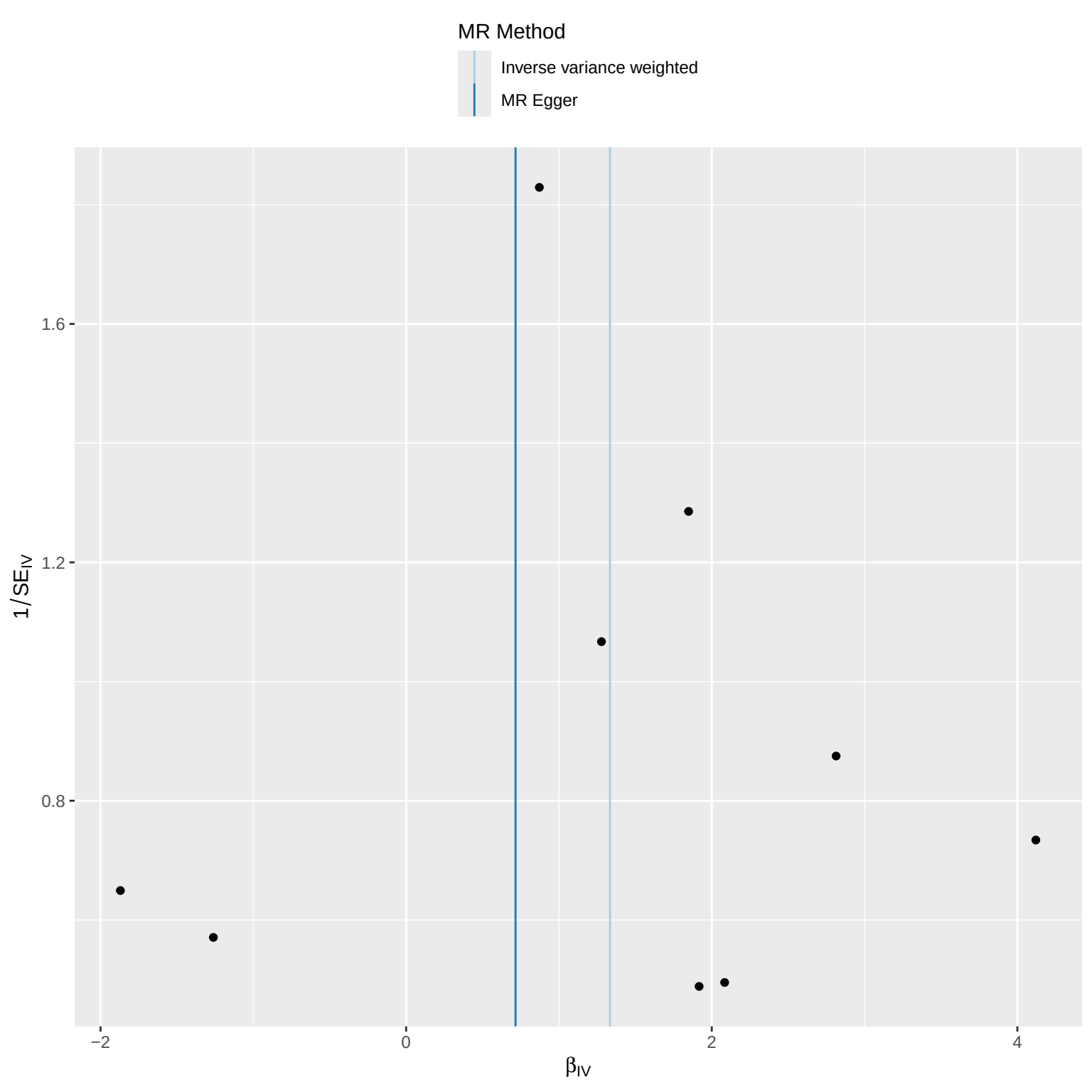

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

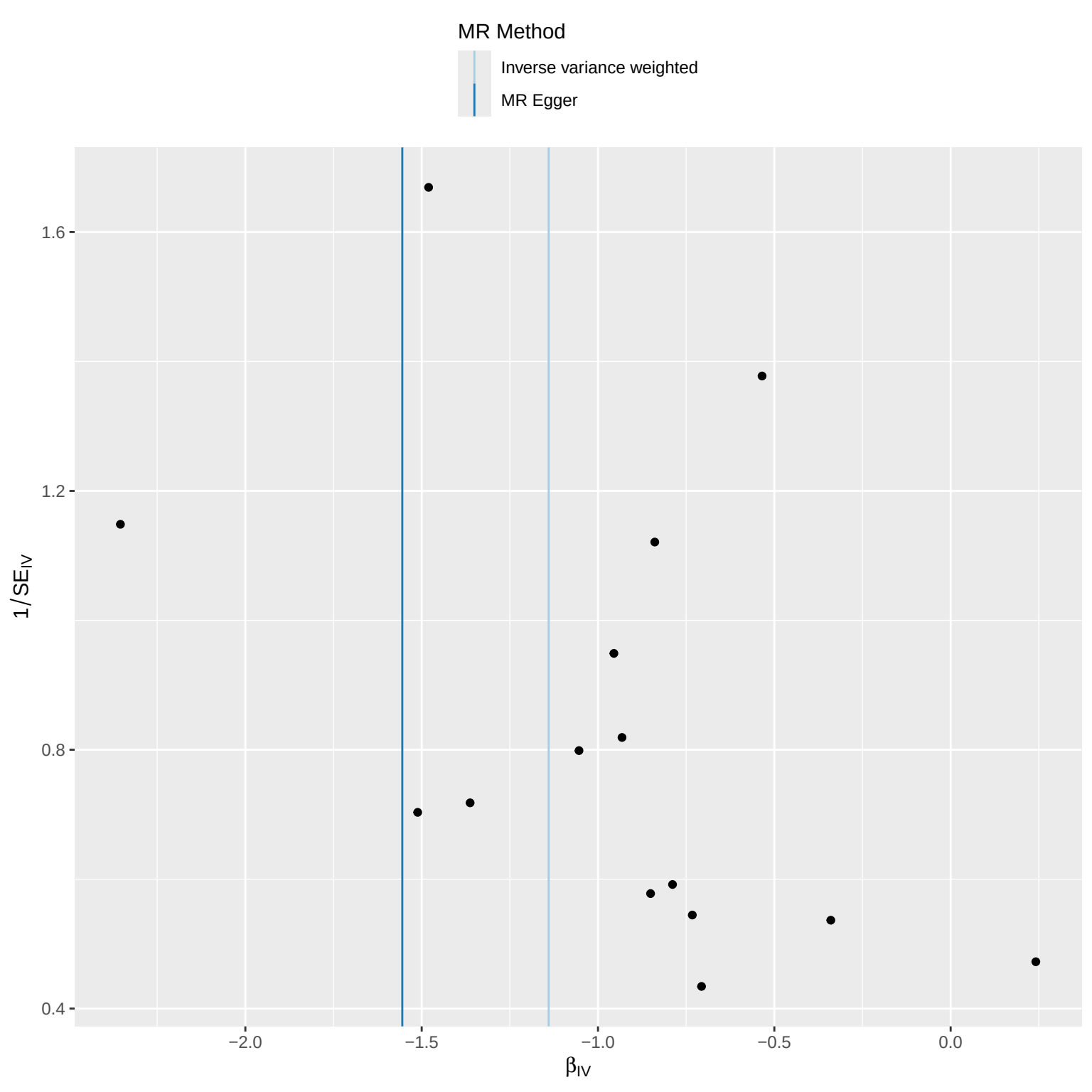

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

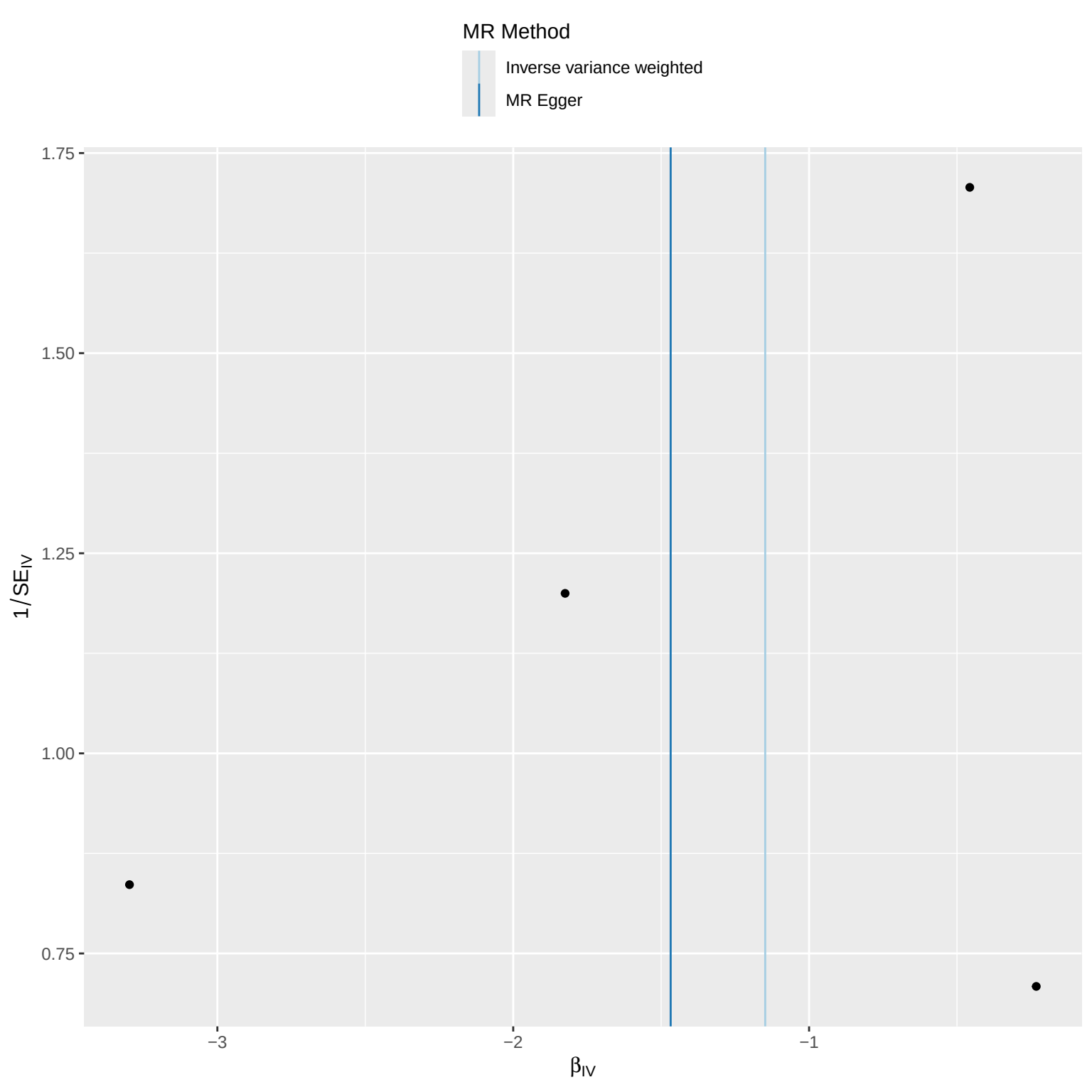

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−4
−2
0
β_IV

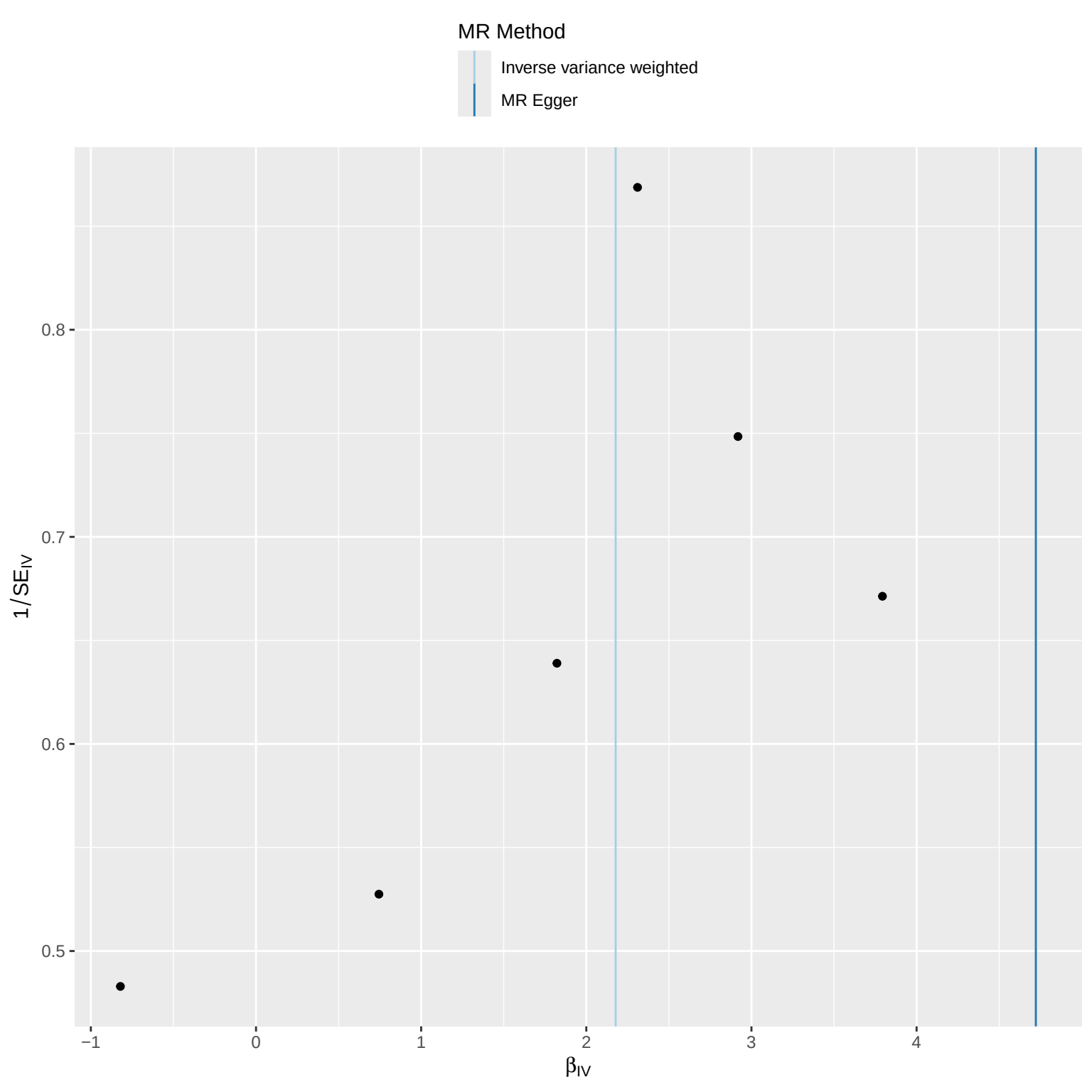

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0
2
4
β_IV

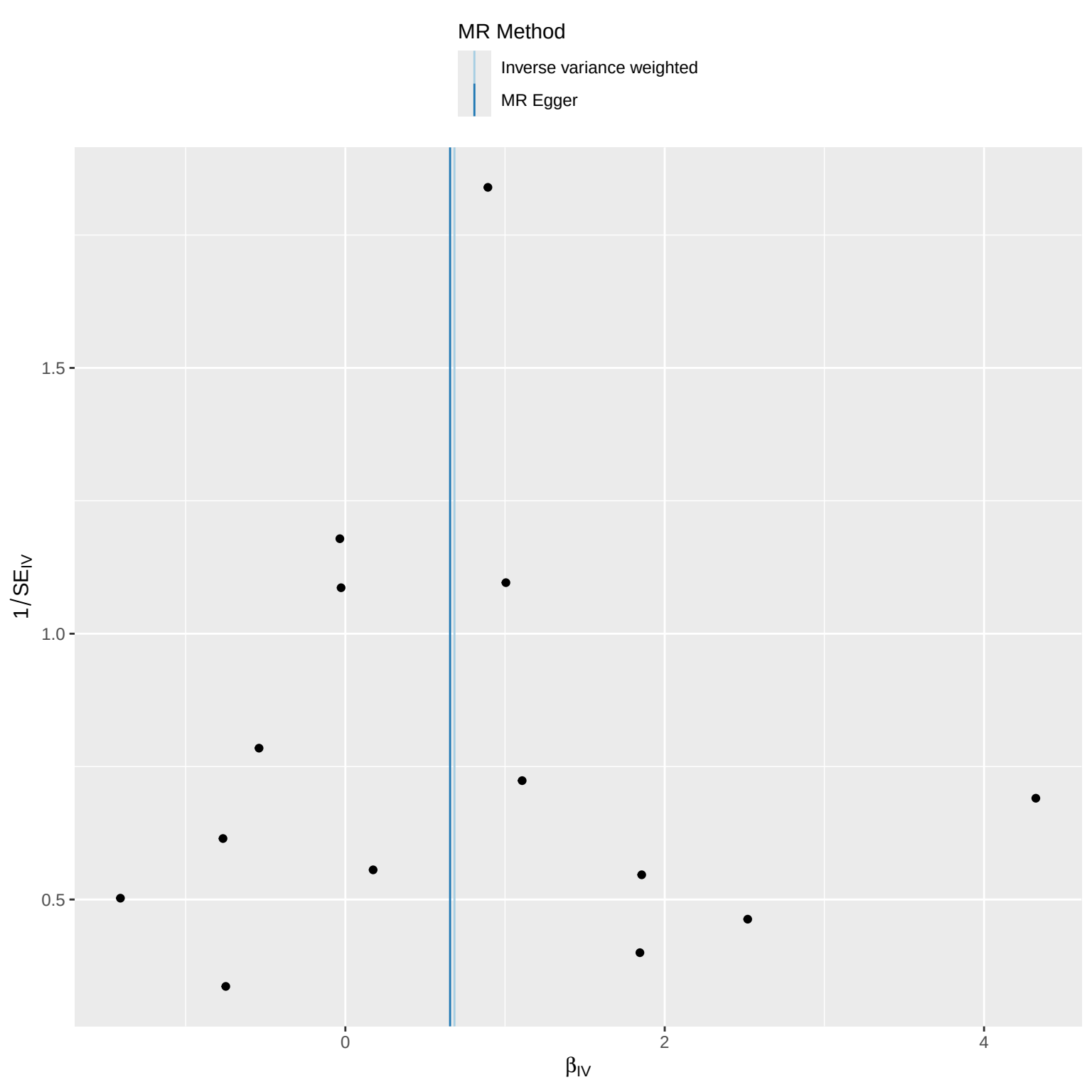

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
2
3
β_IV

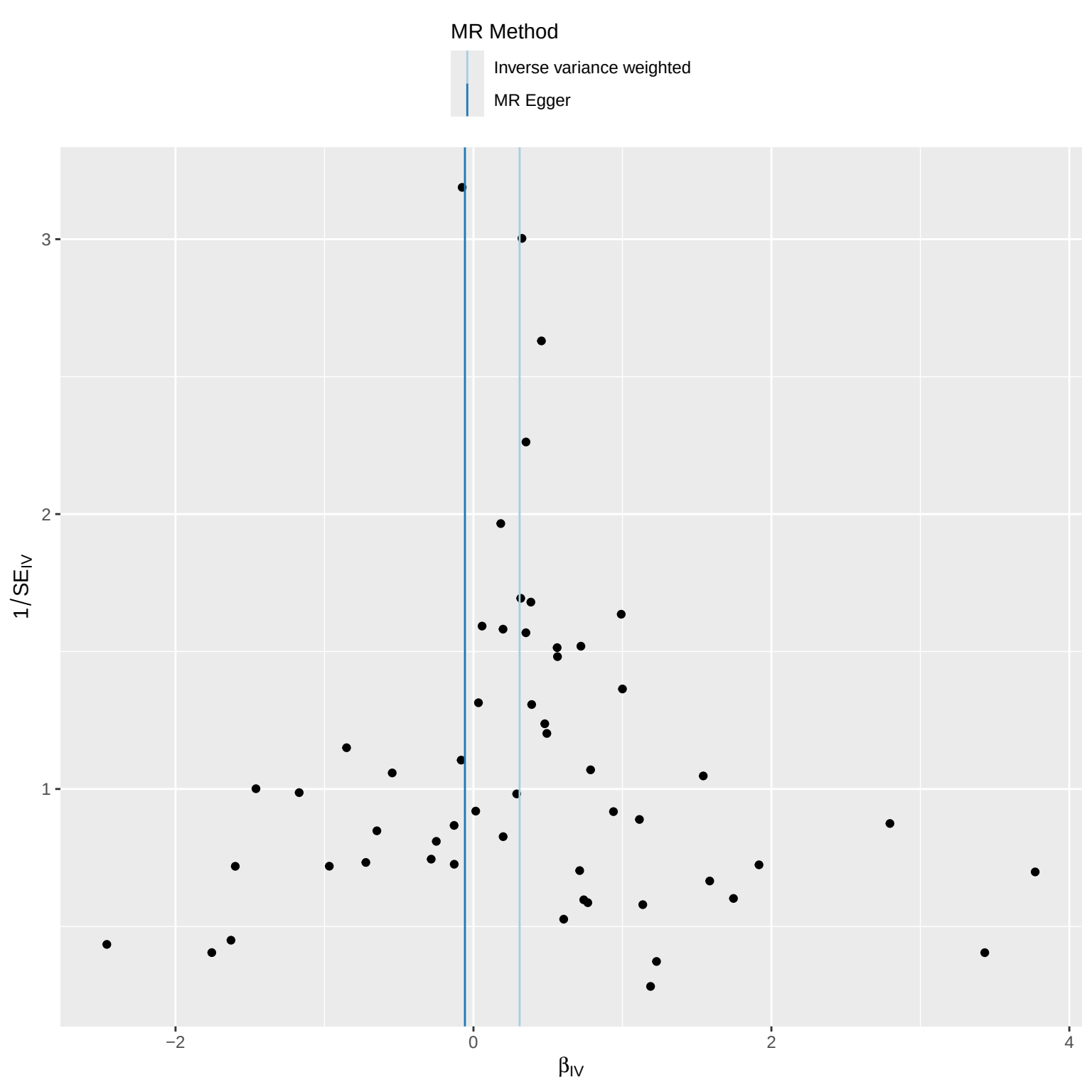

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2
0
2
4
β_IV

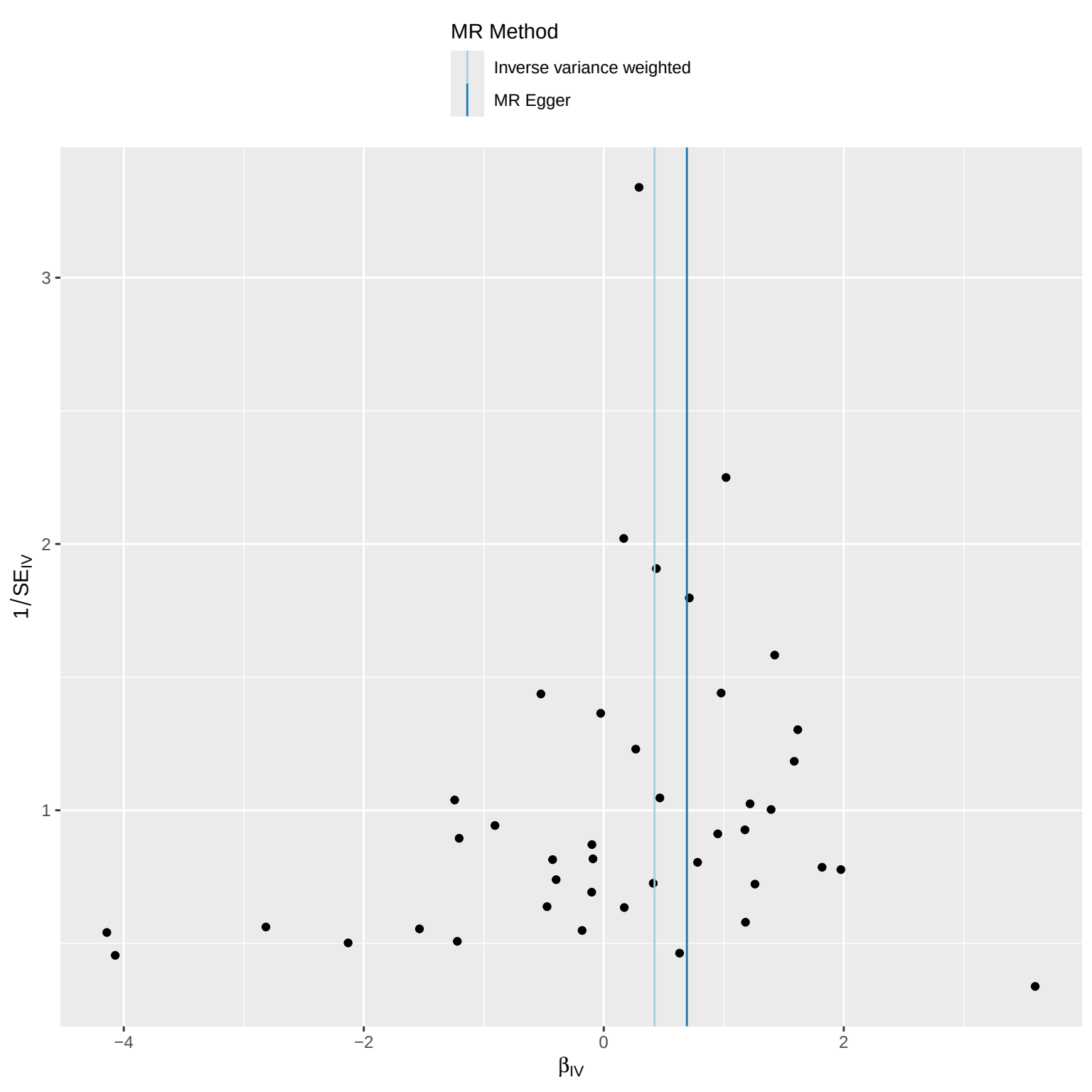

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

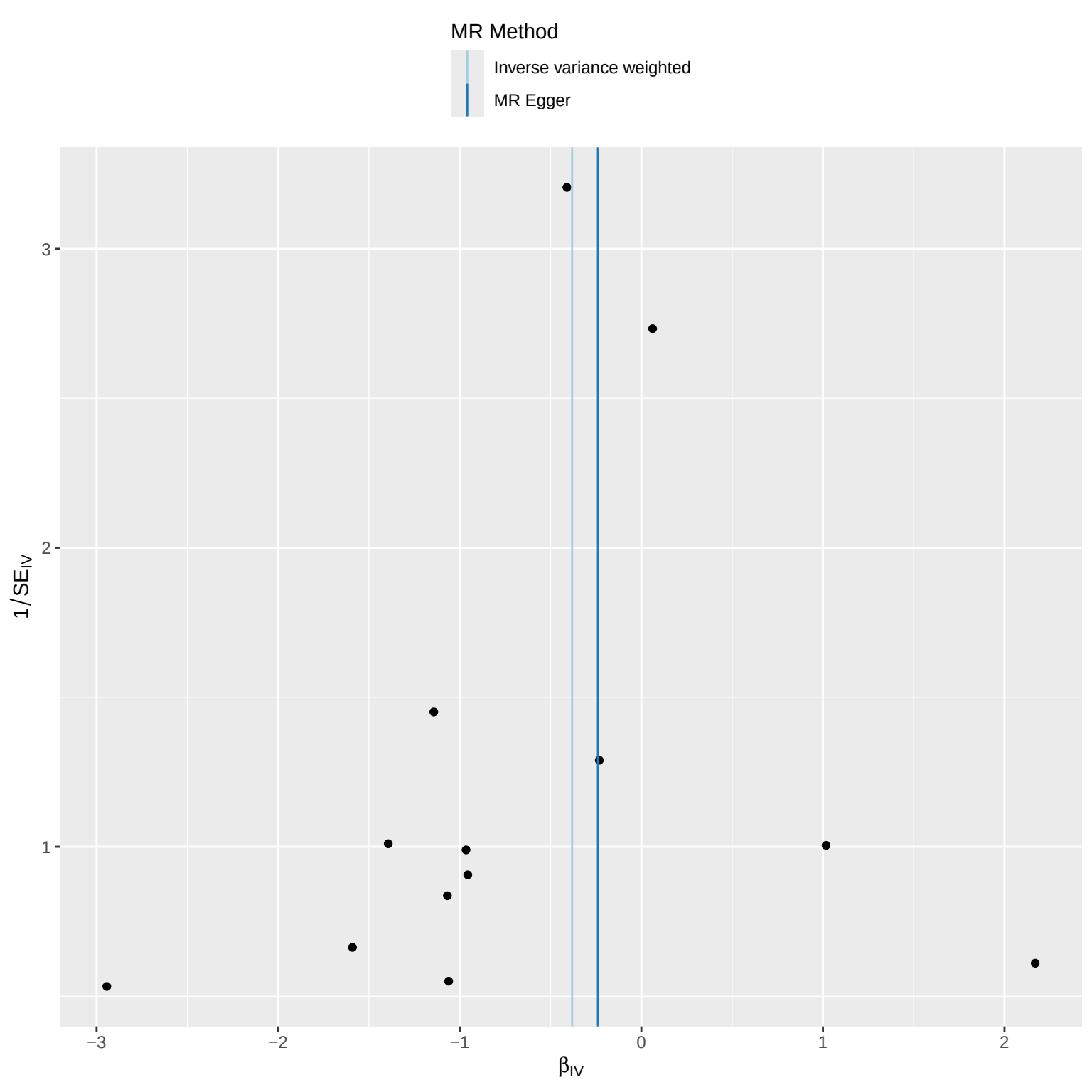

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−3
−2
−1
β_IV

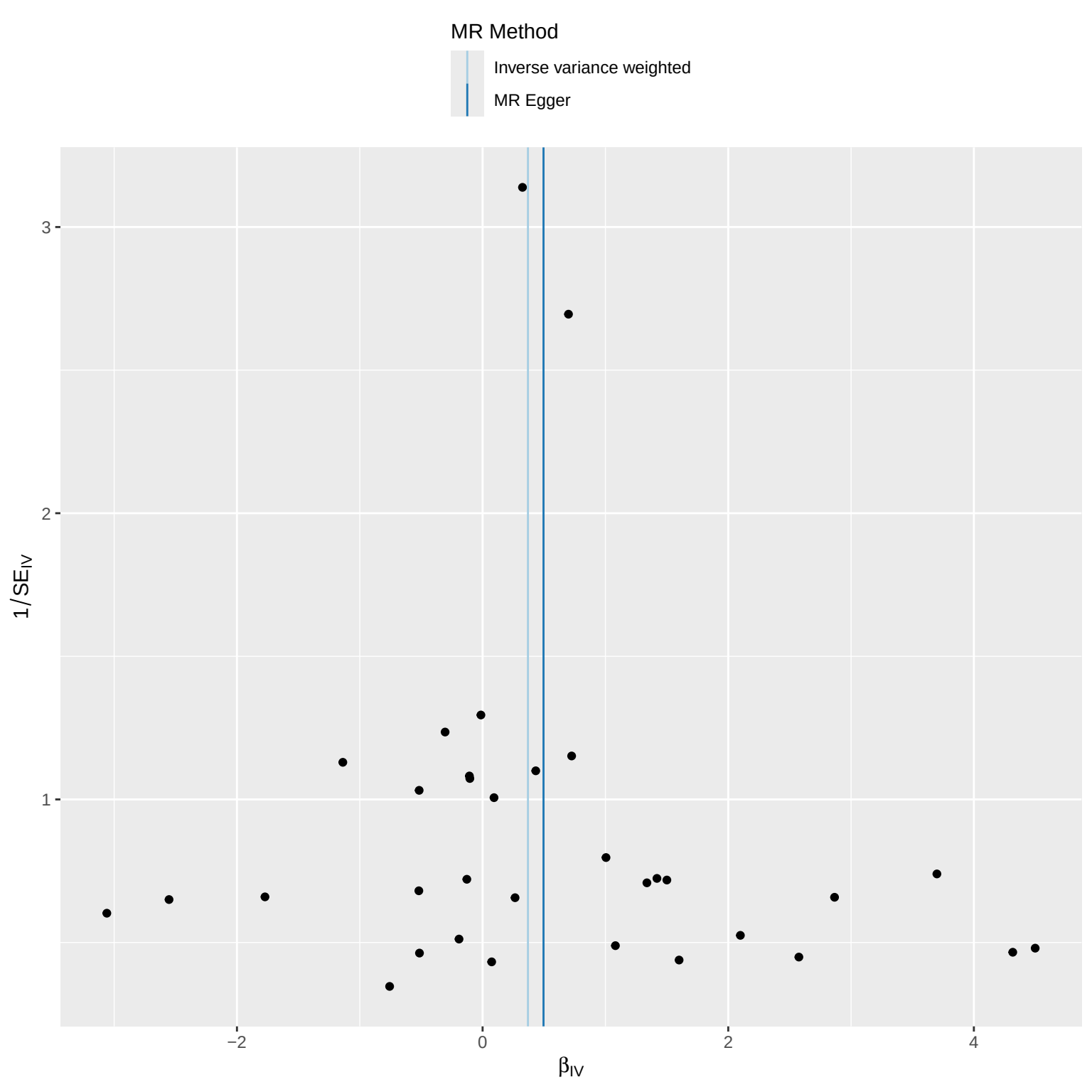

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

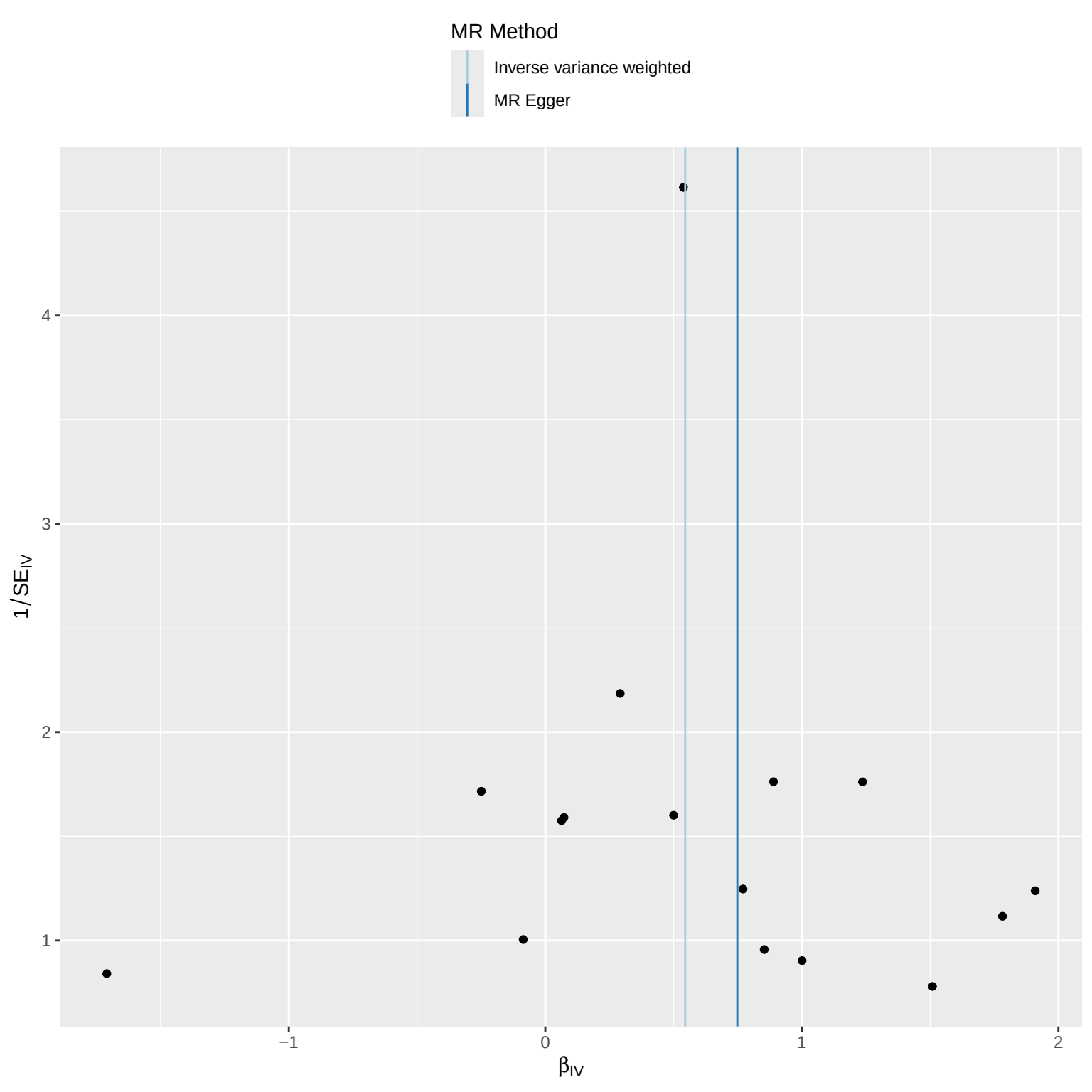

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

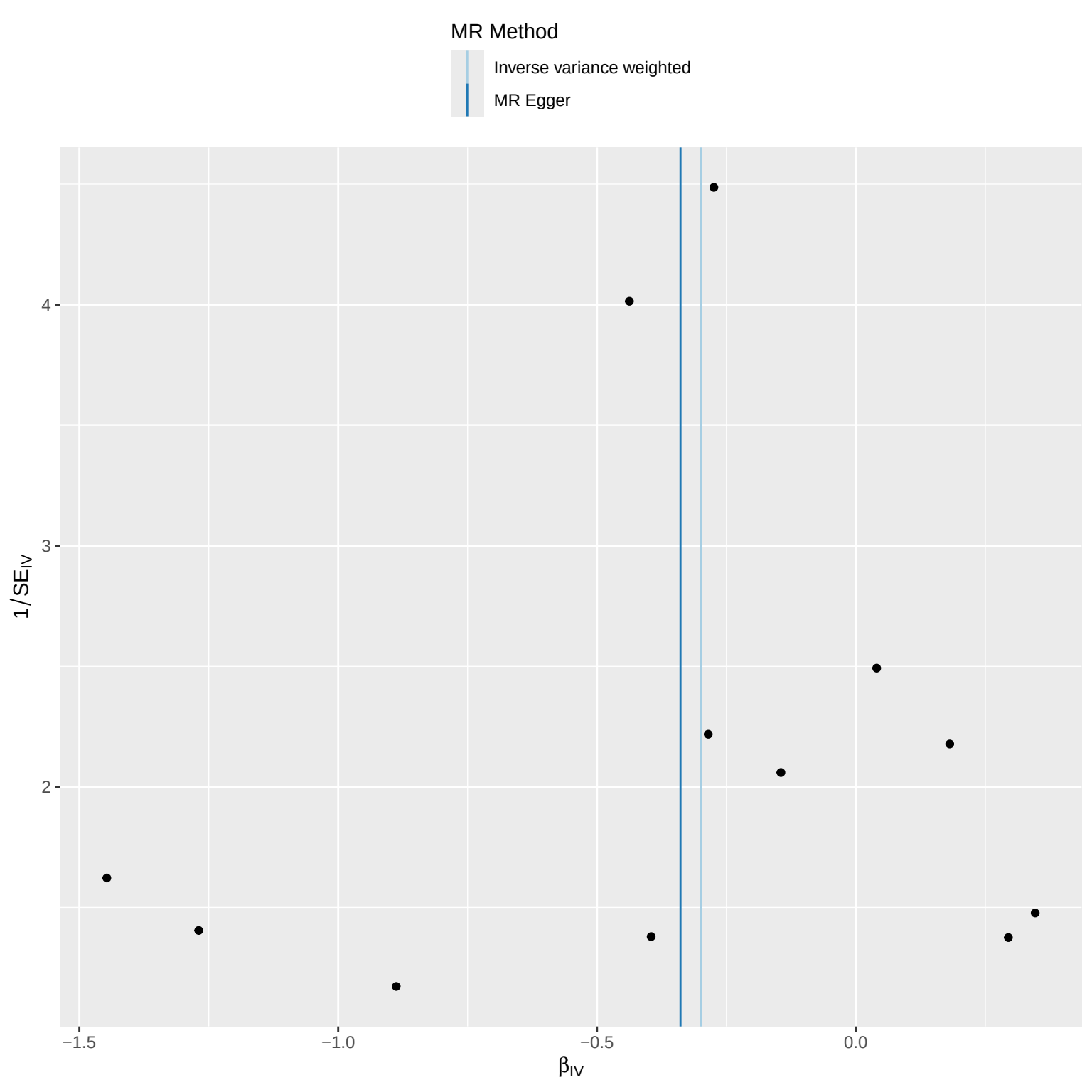

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

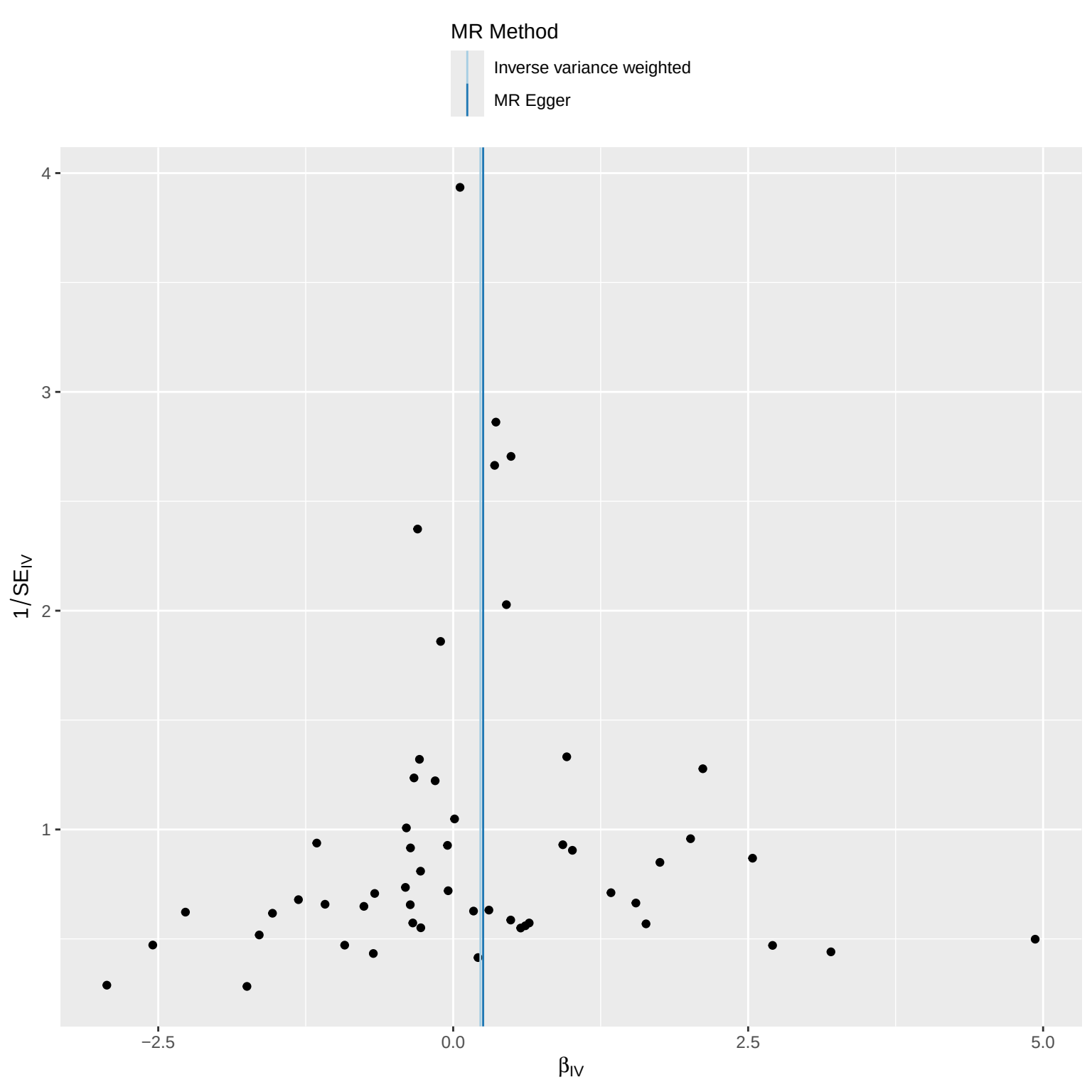

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

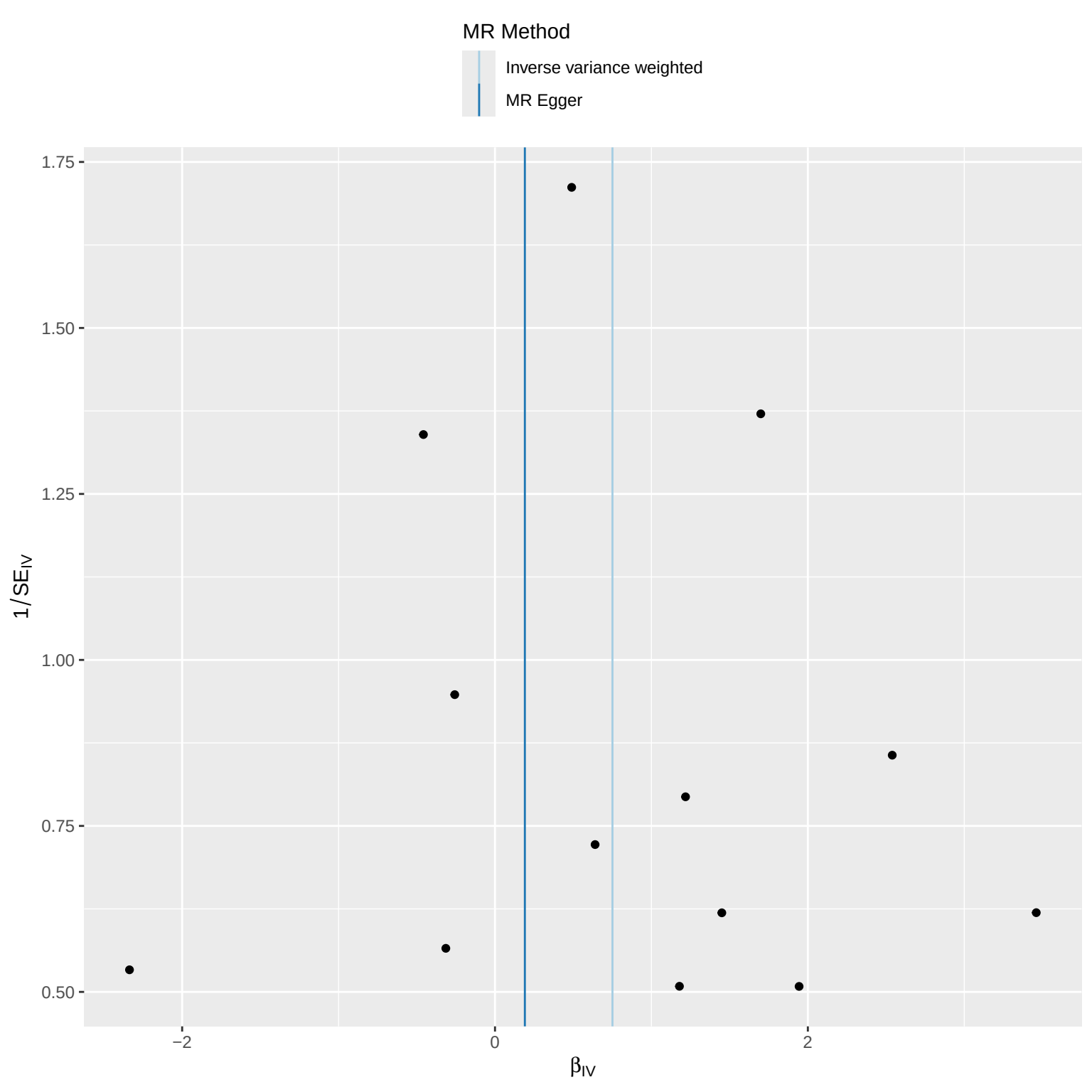

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

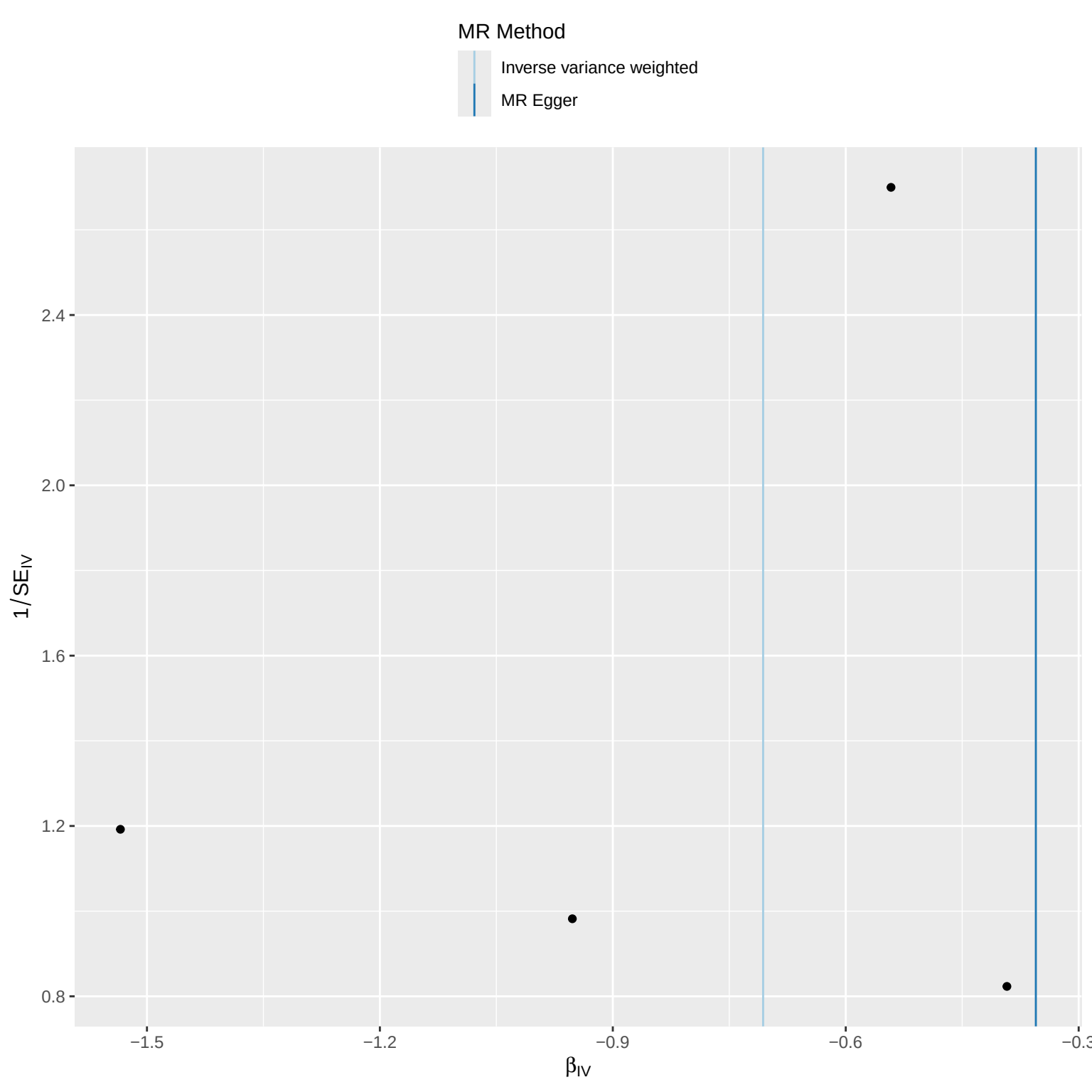

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

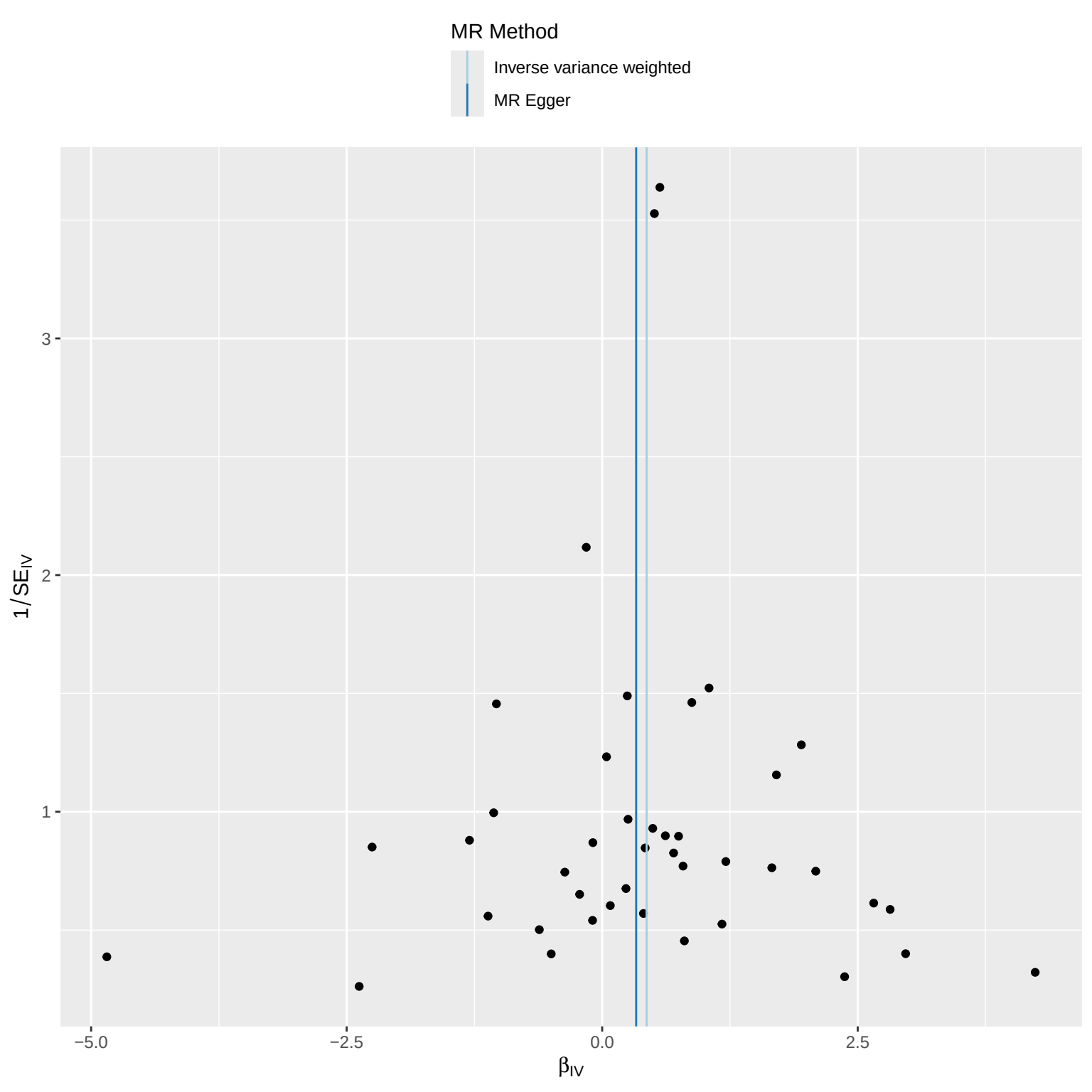

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

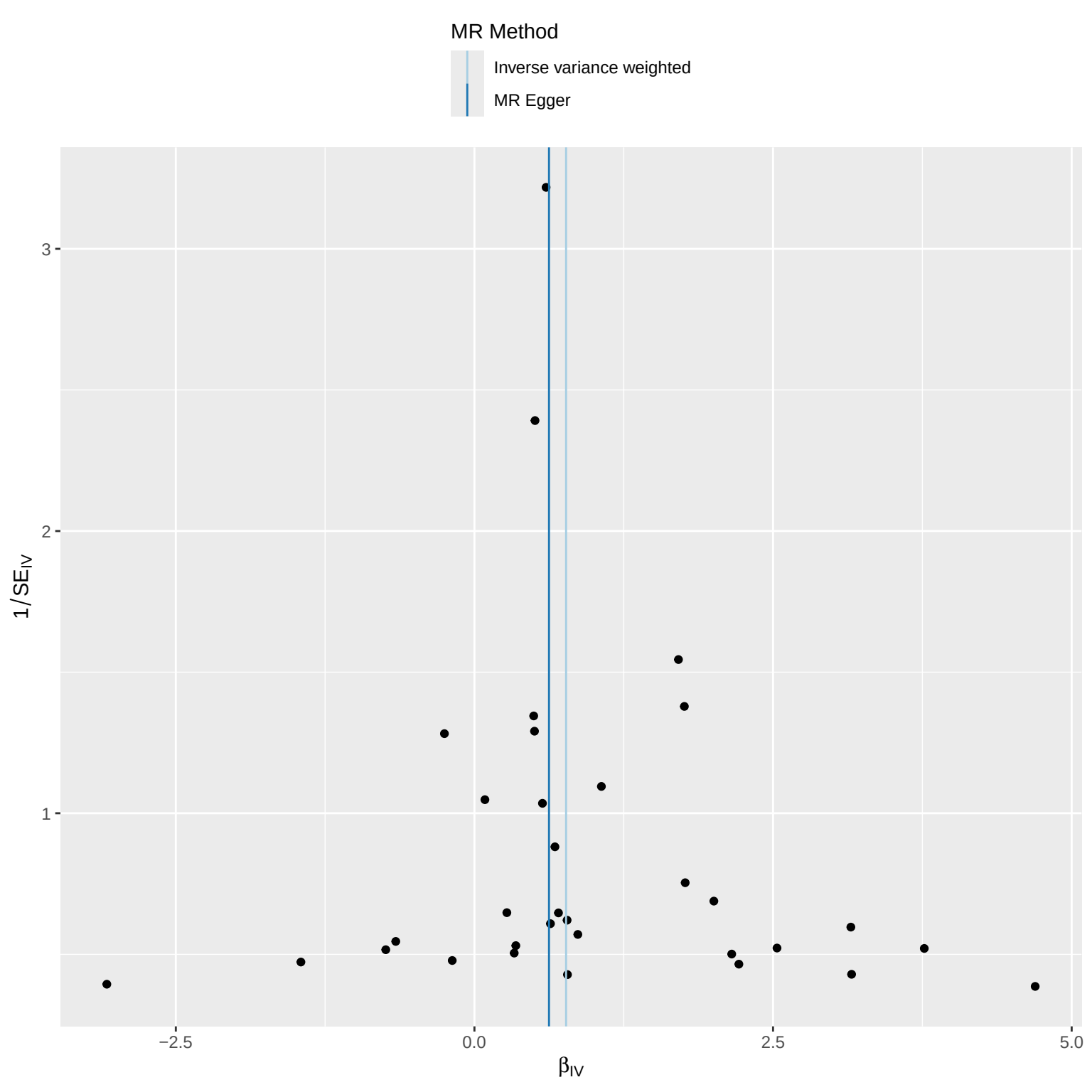

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

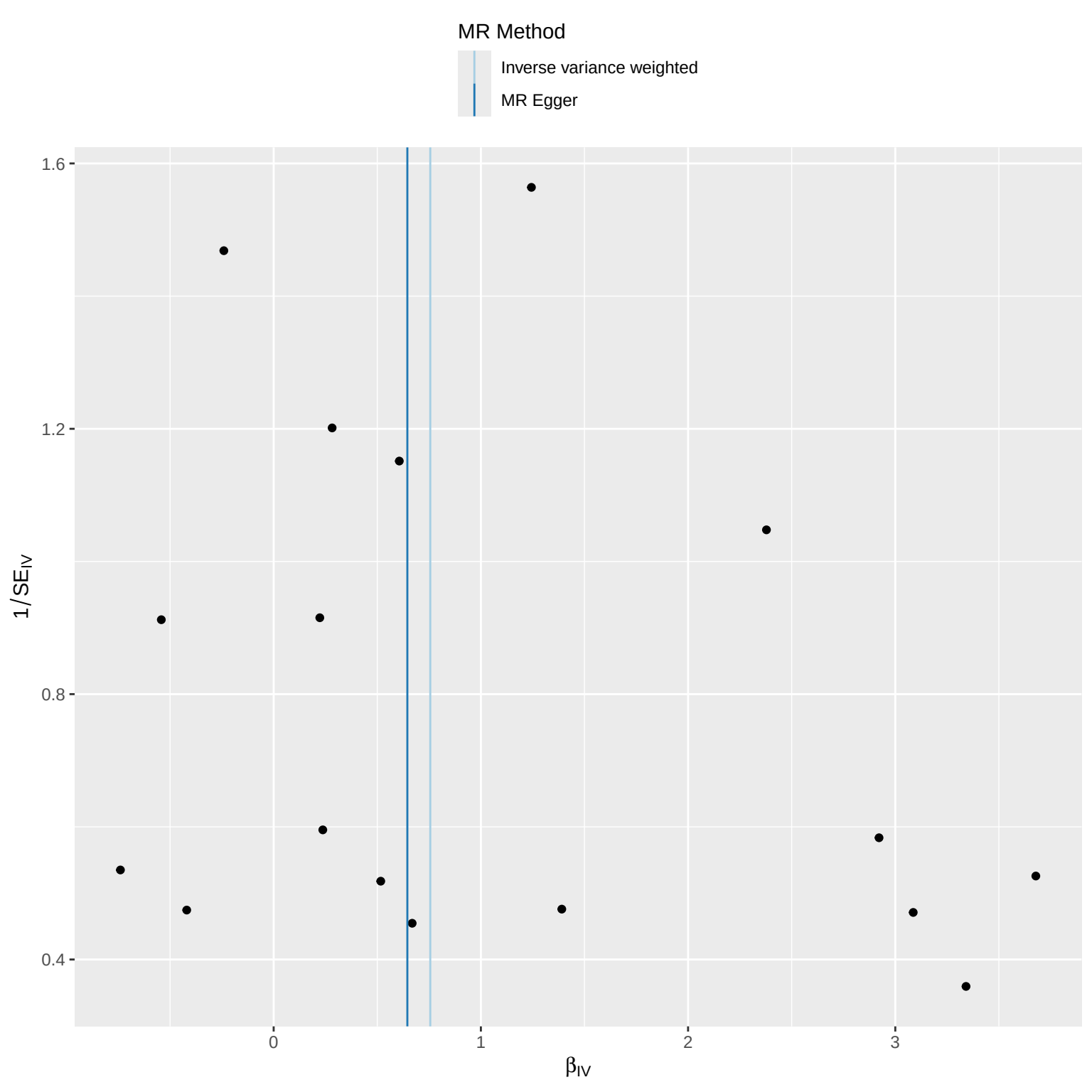

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2.5
0.0
2.5
5.0
β_{IV}

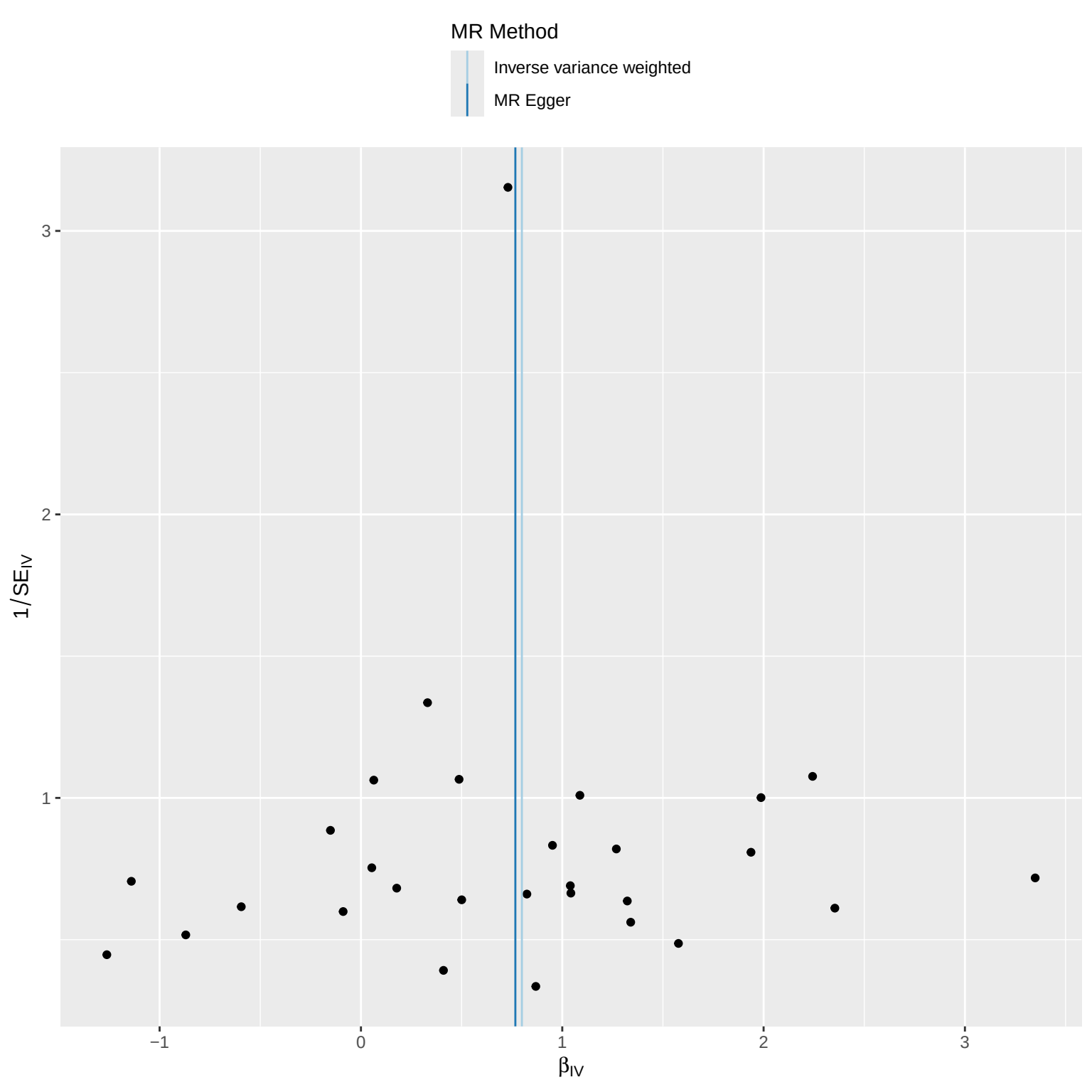

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
0
2
β_IV

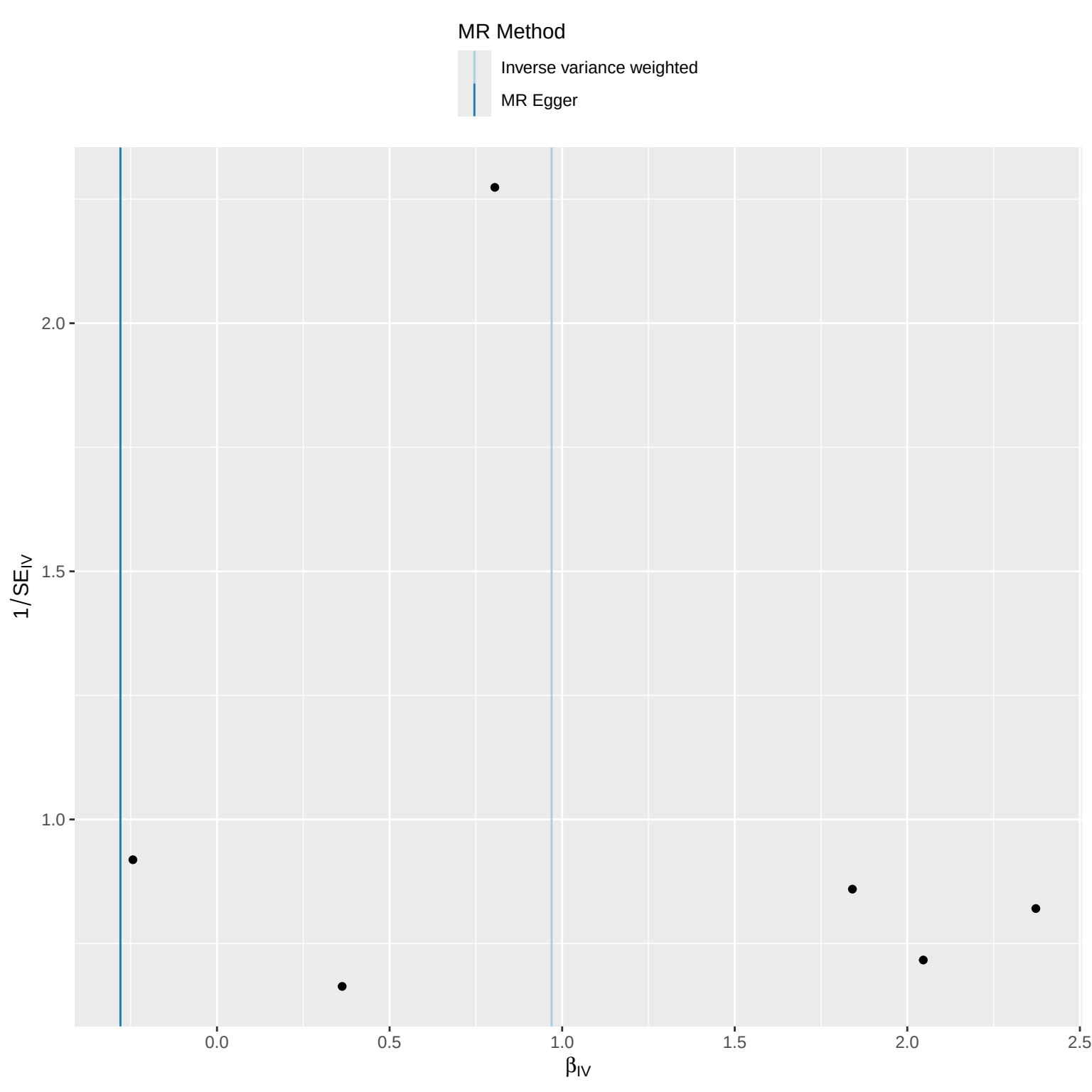

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
0.8
1/SE_IV
−1.5
−1.2
−0.9
−0.6
β_IV

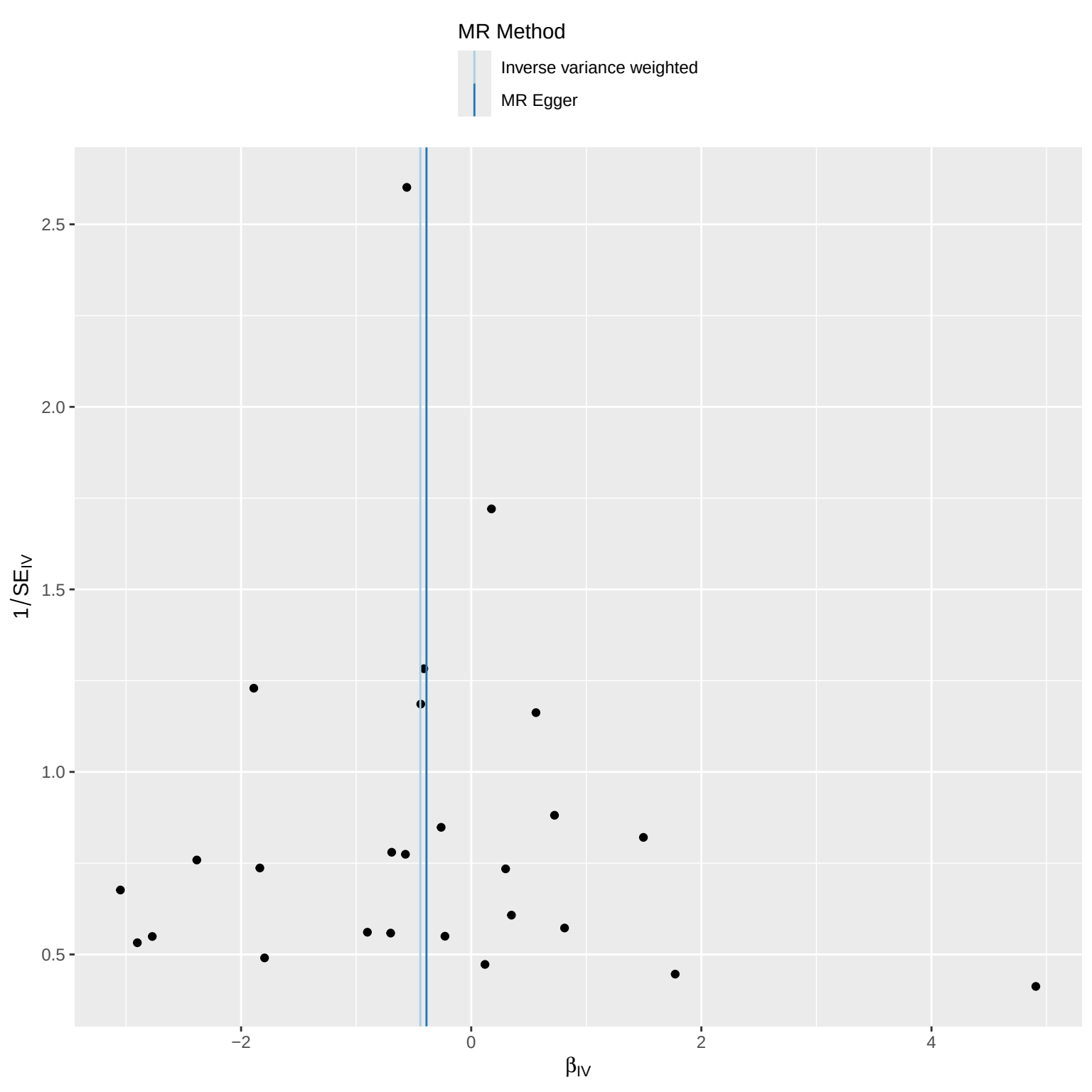

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

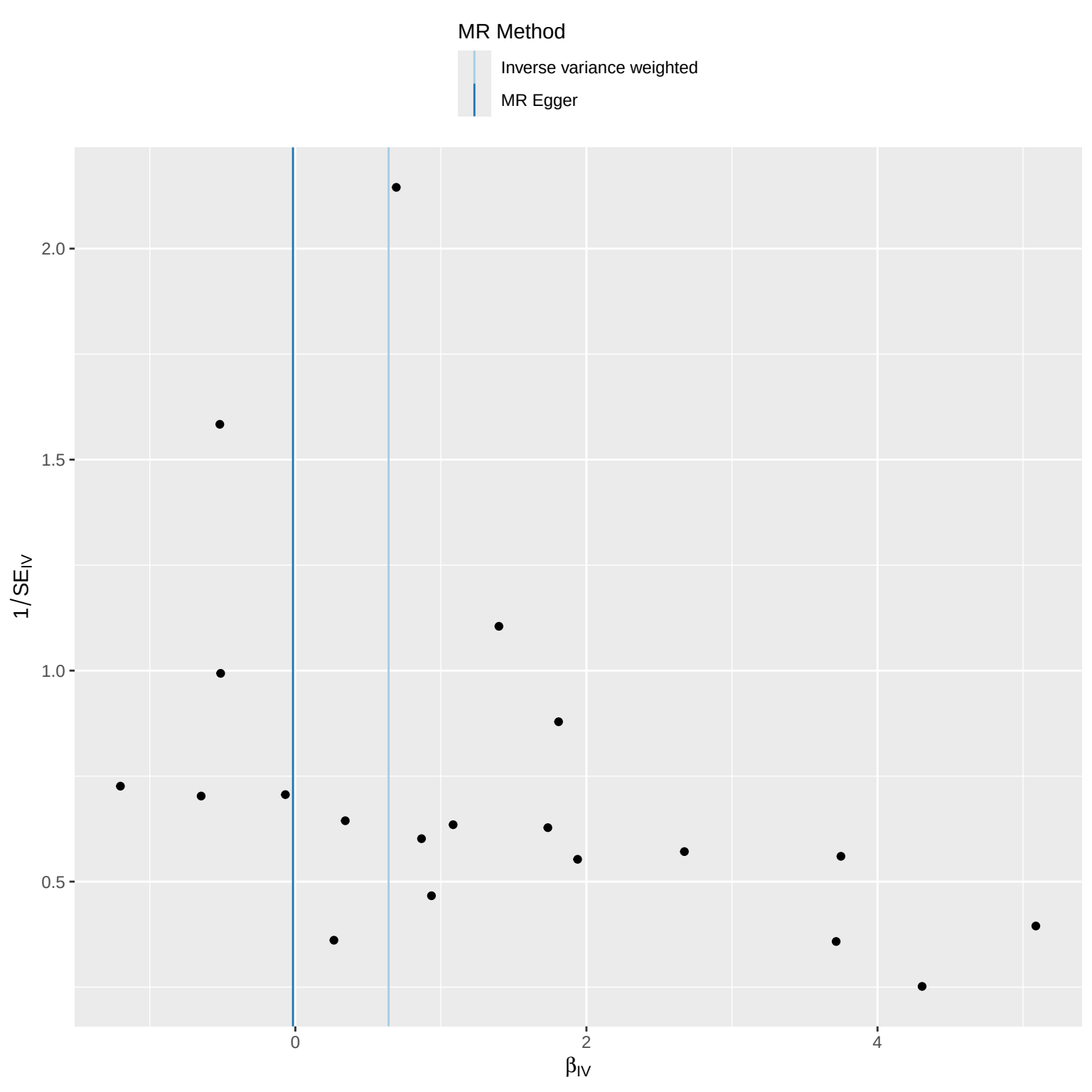

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

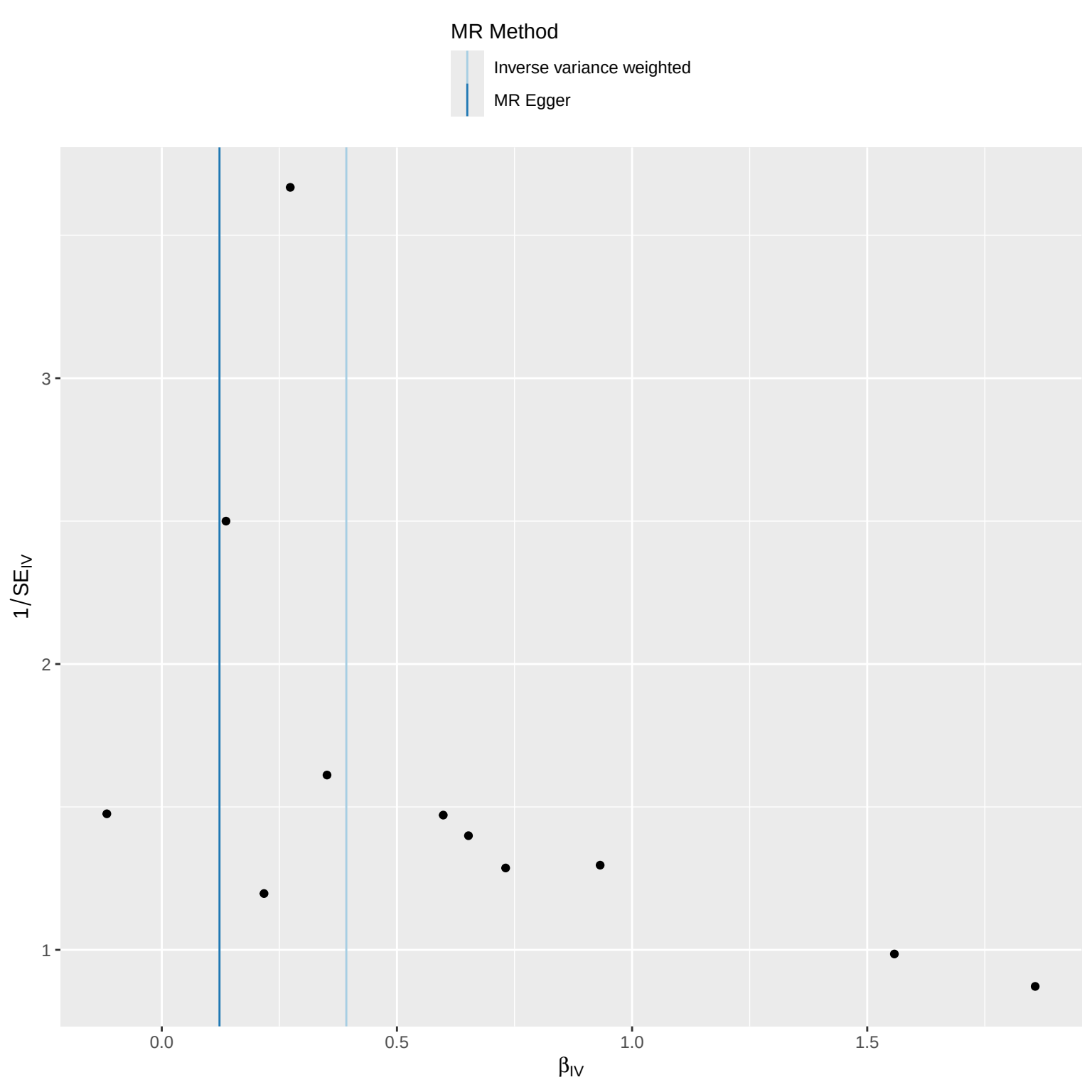

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
1
2
3
β_IV

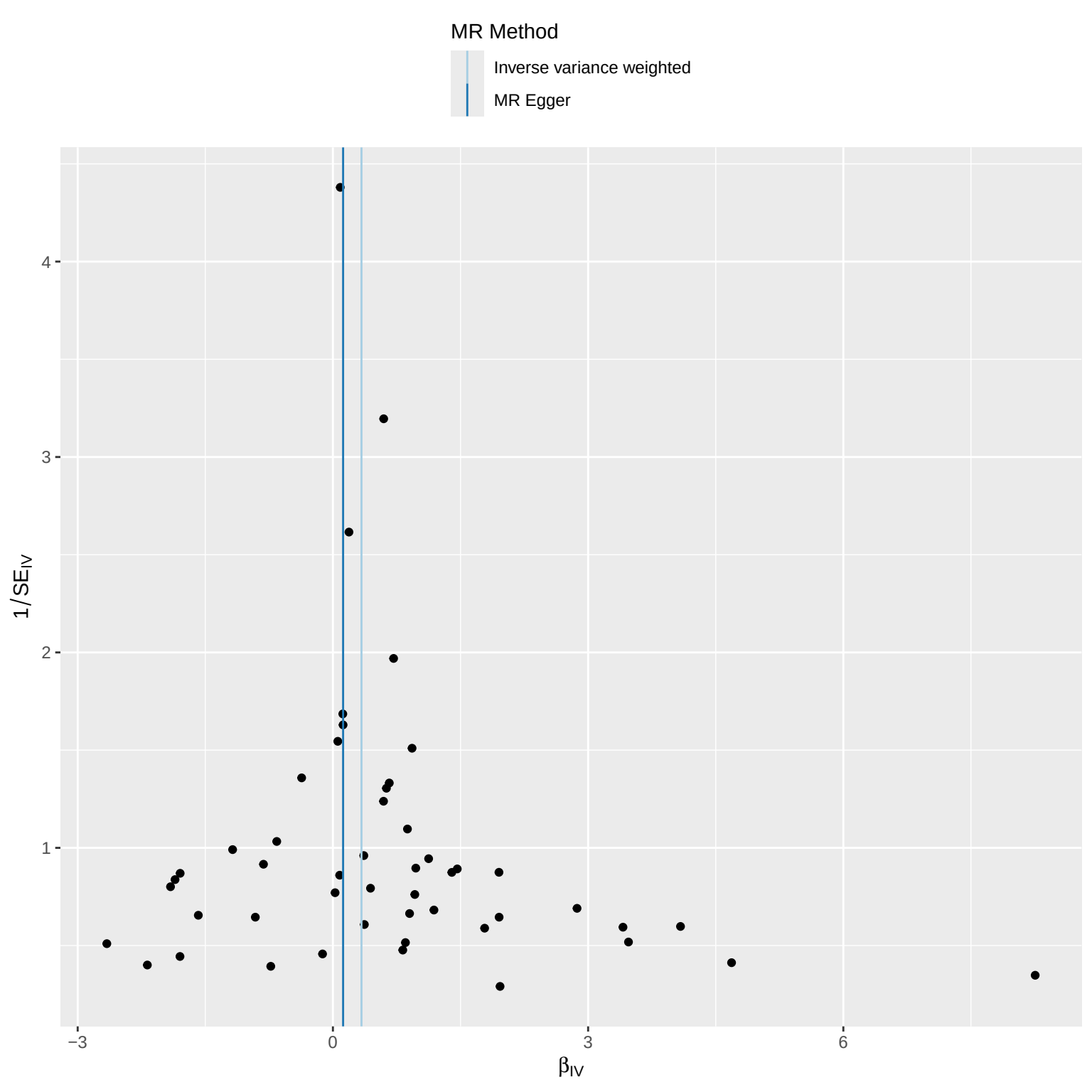

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

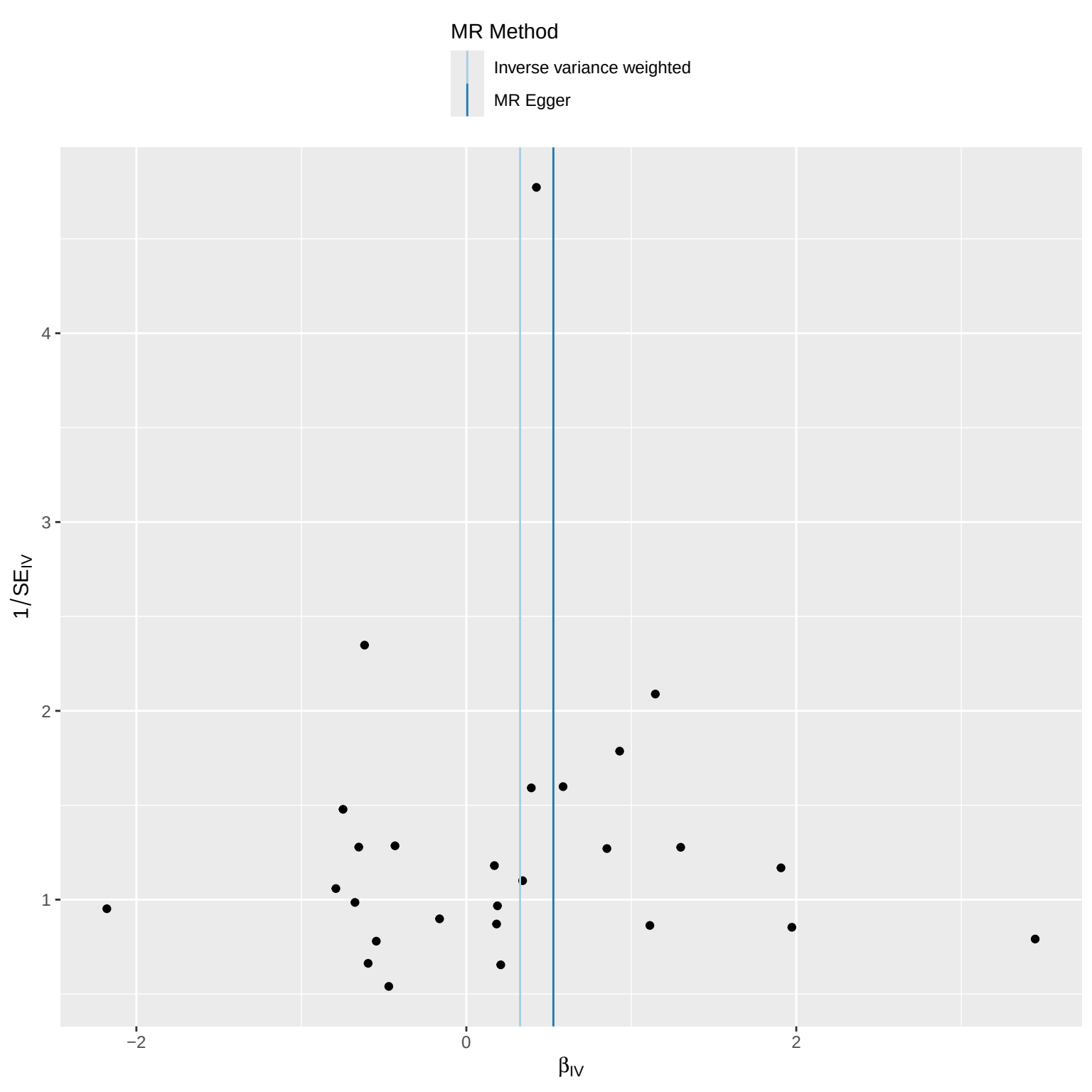

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

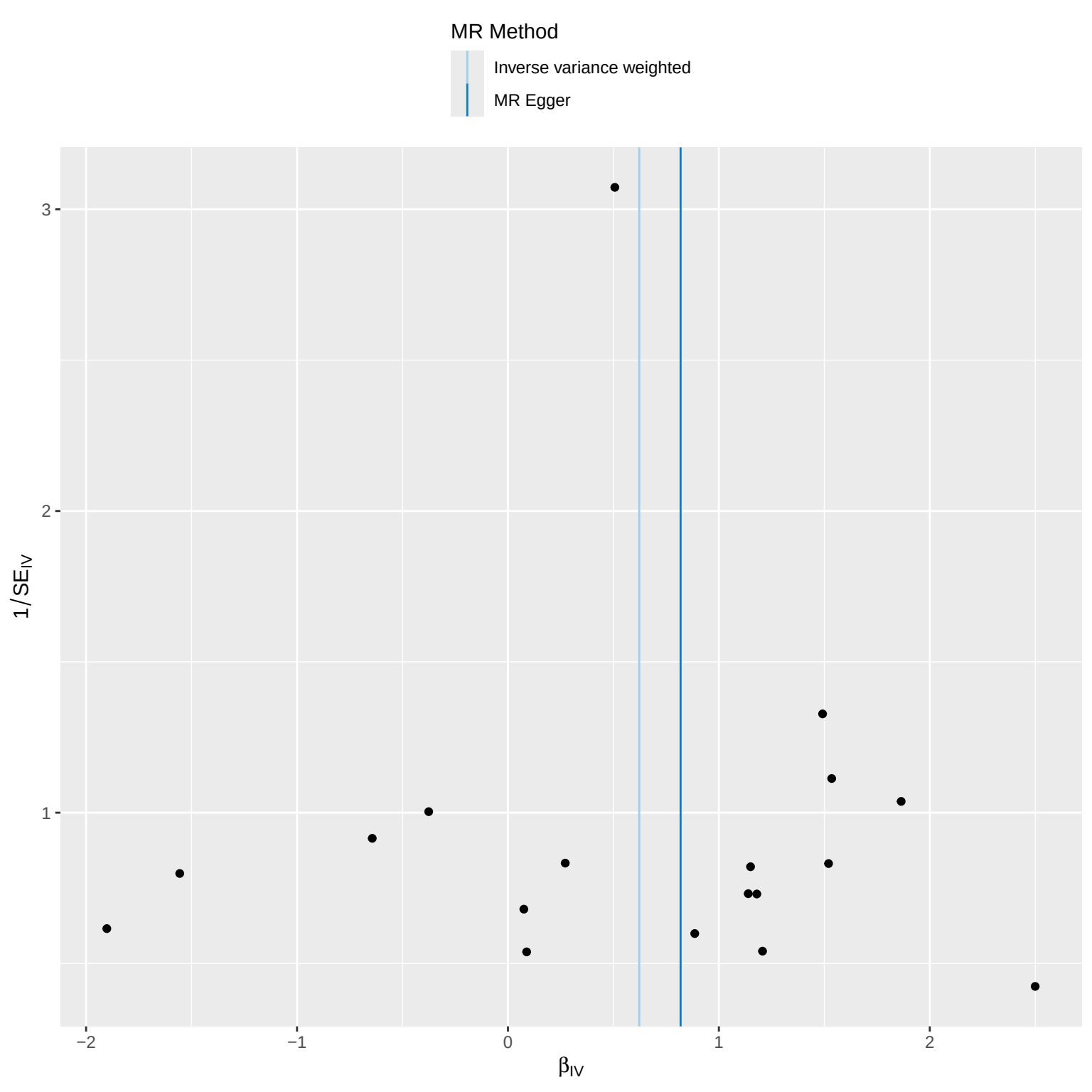

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

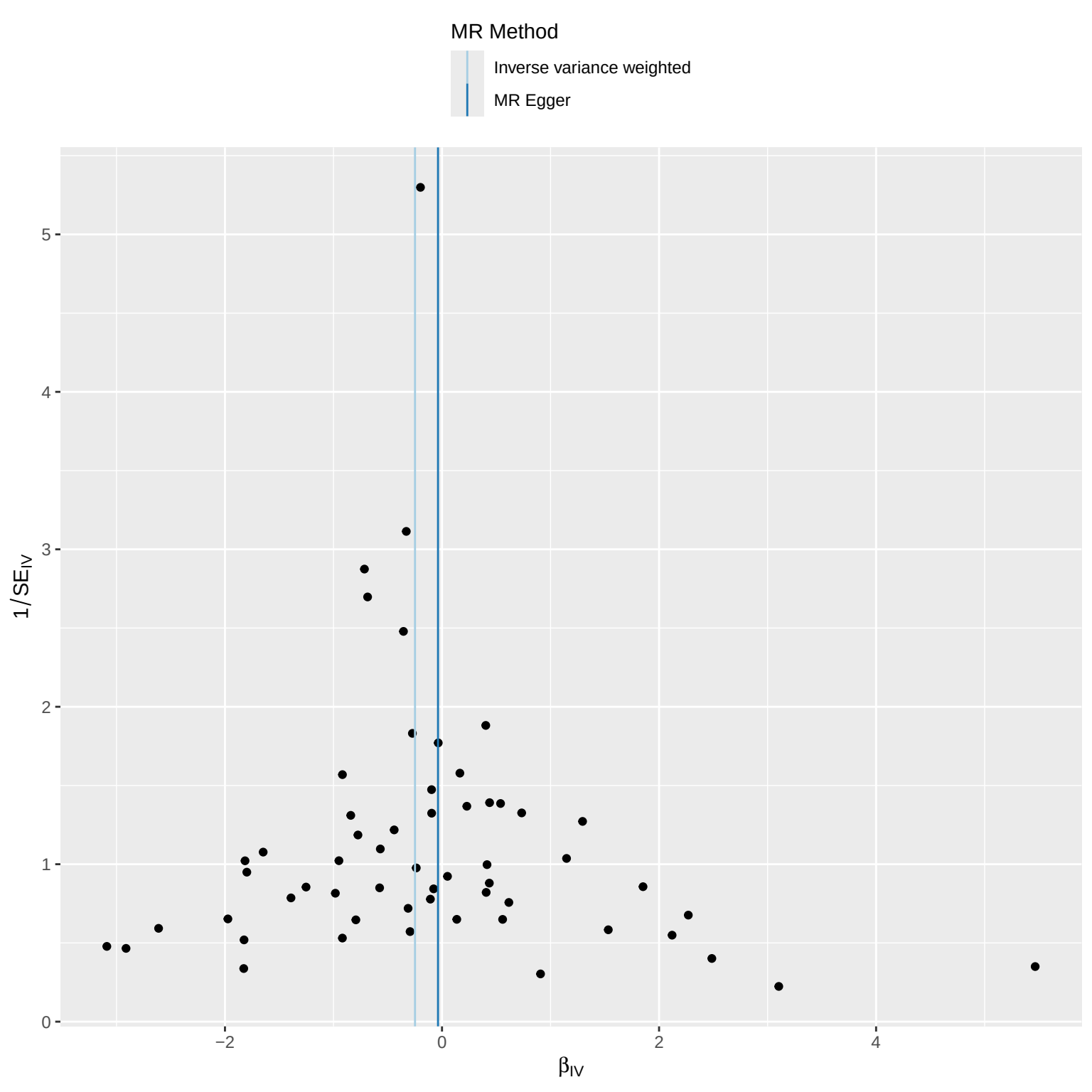

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

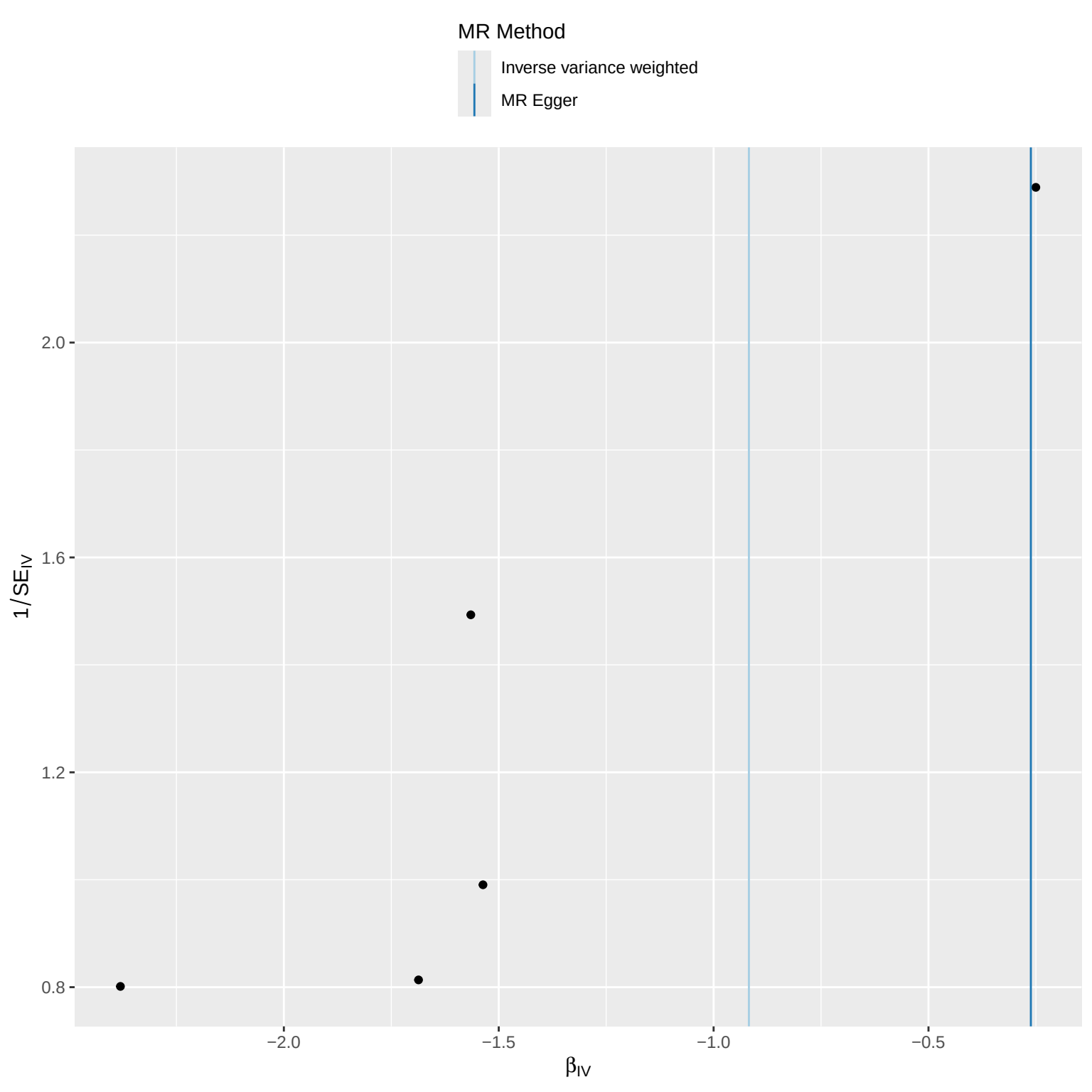

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

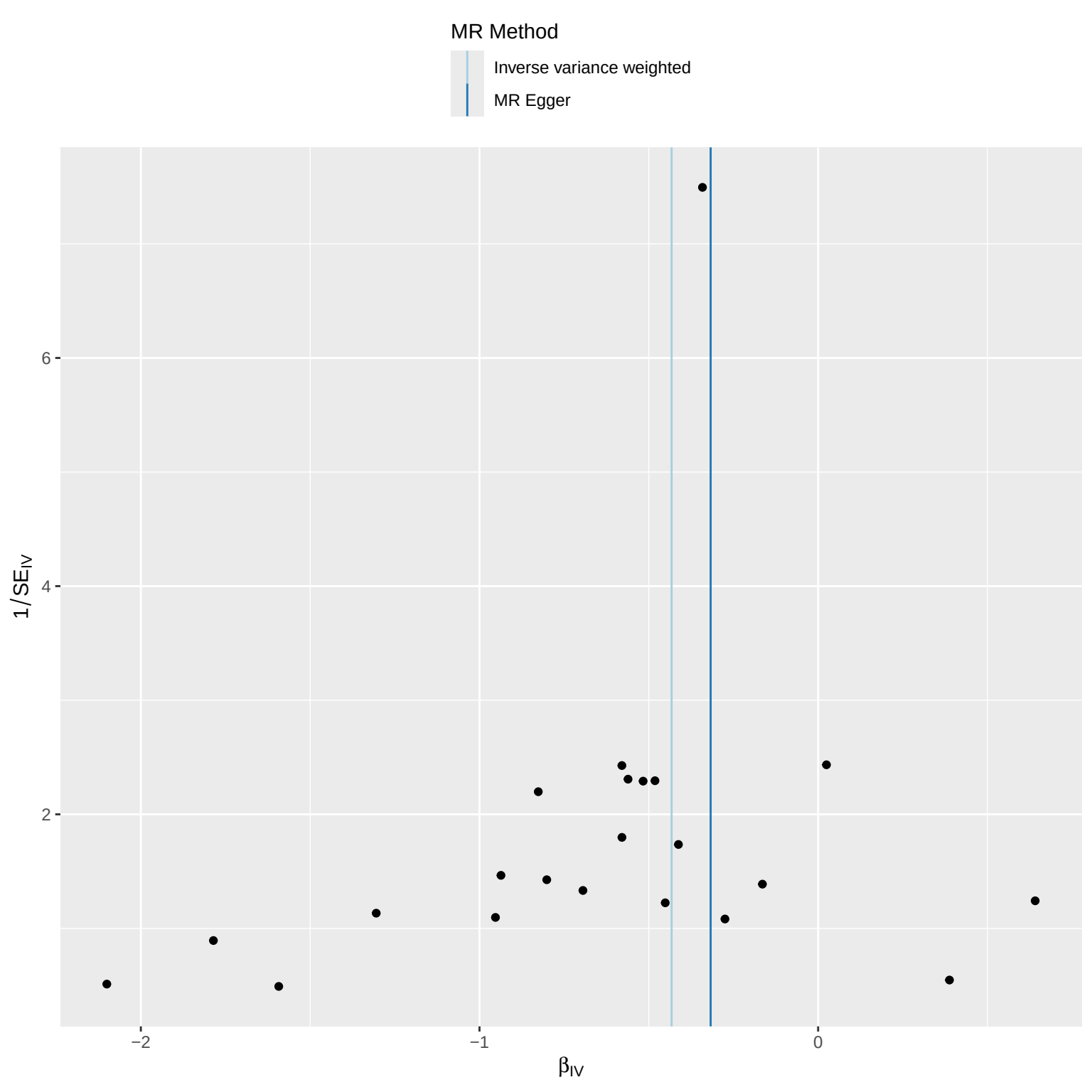

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
0
3
6
β_IV

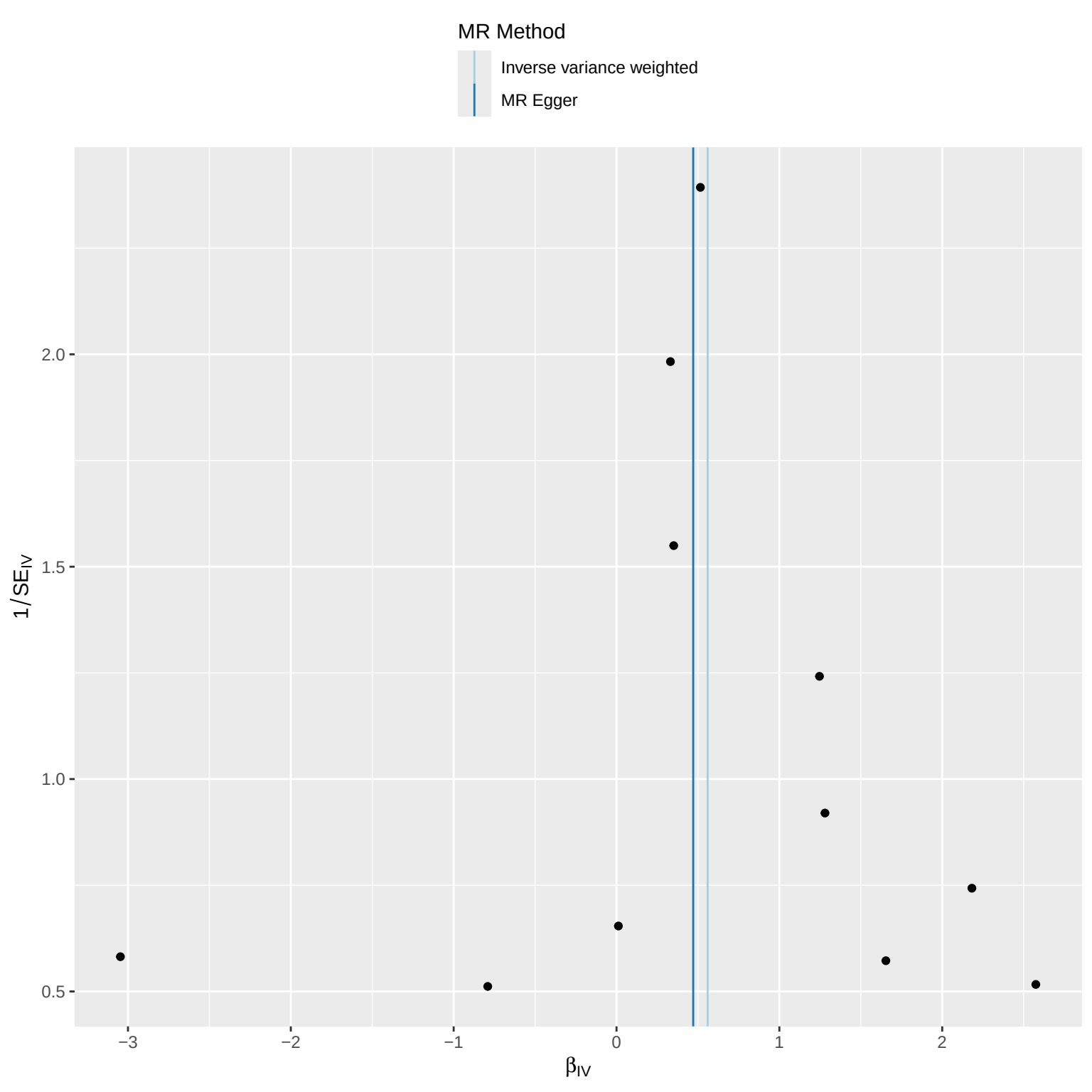

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

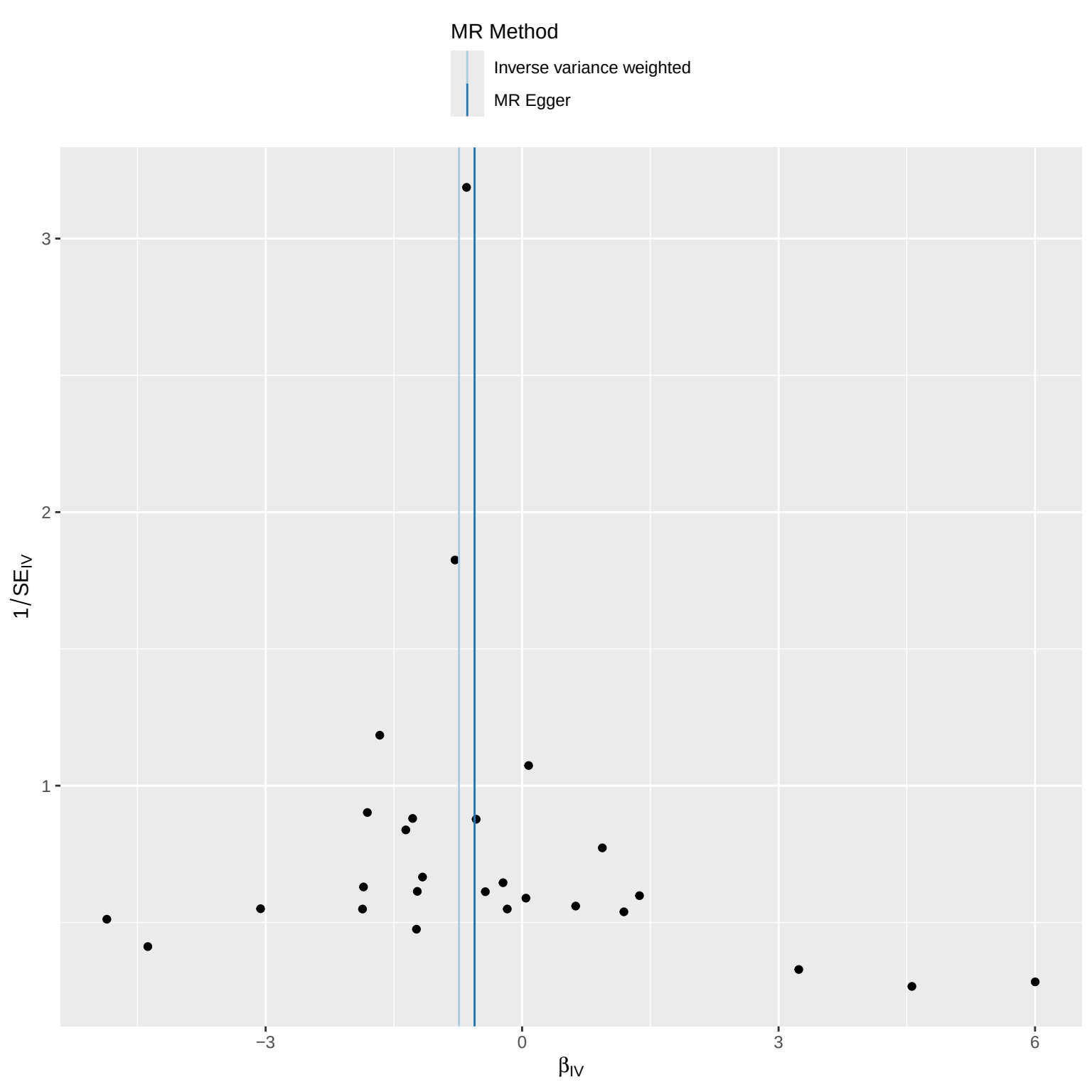

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

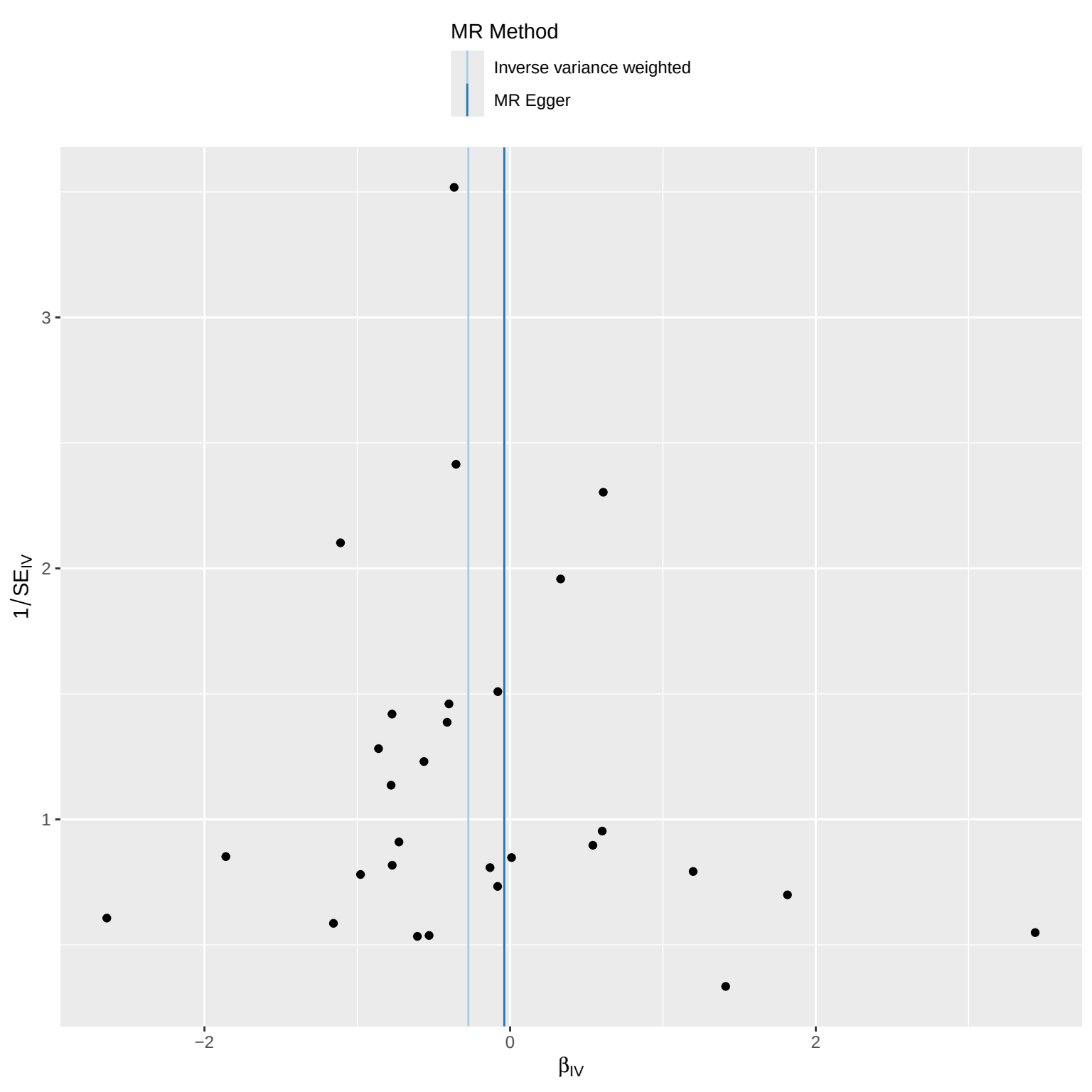

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2
0
2
4
β_IV

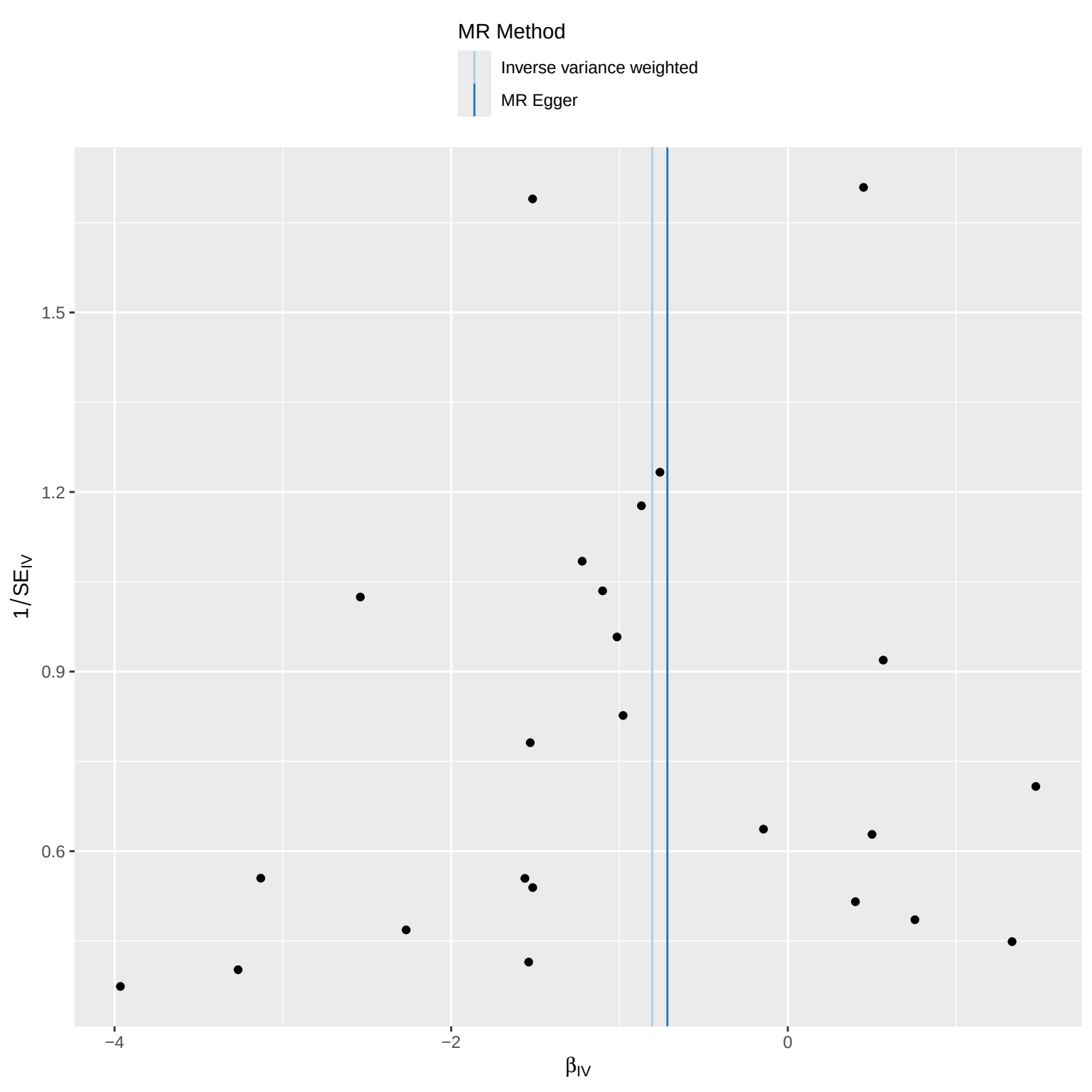

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

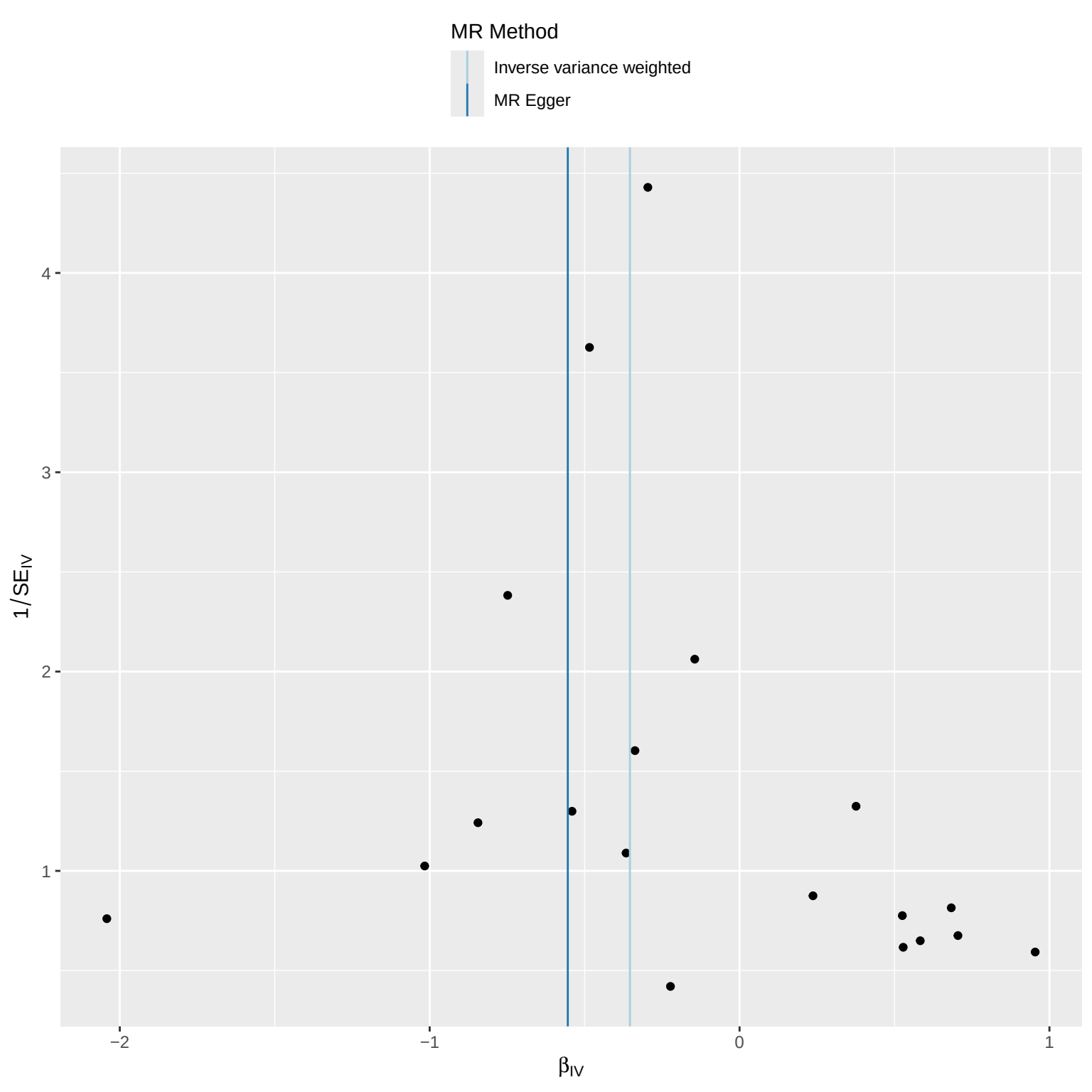

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

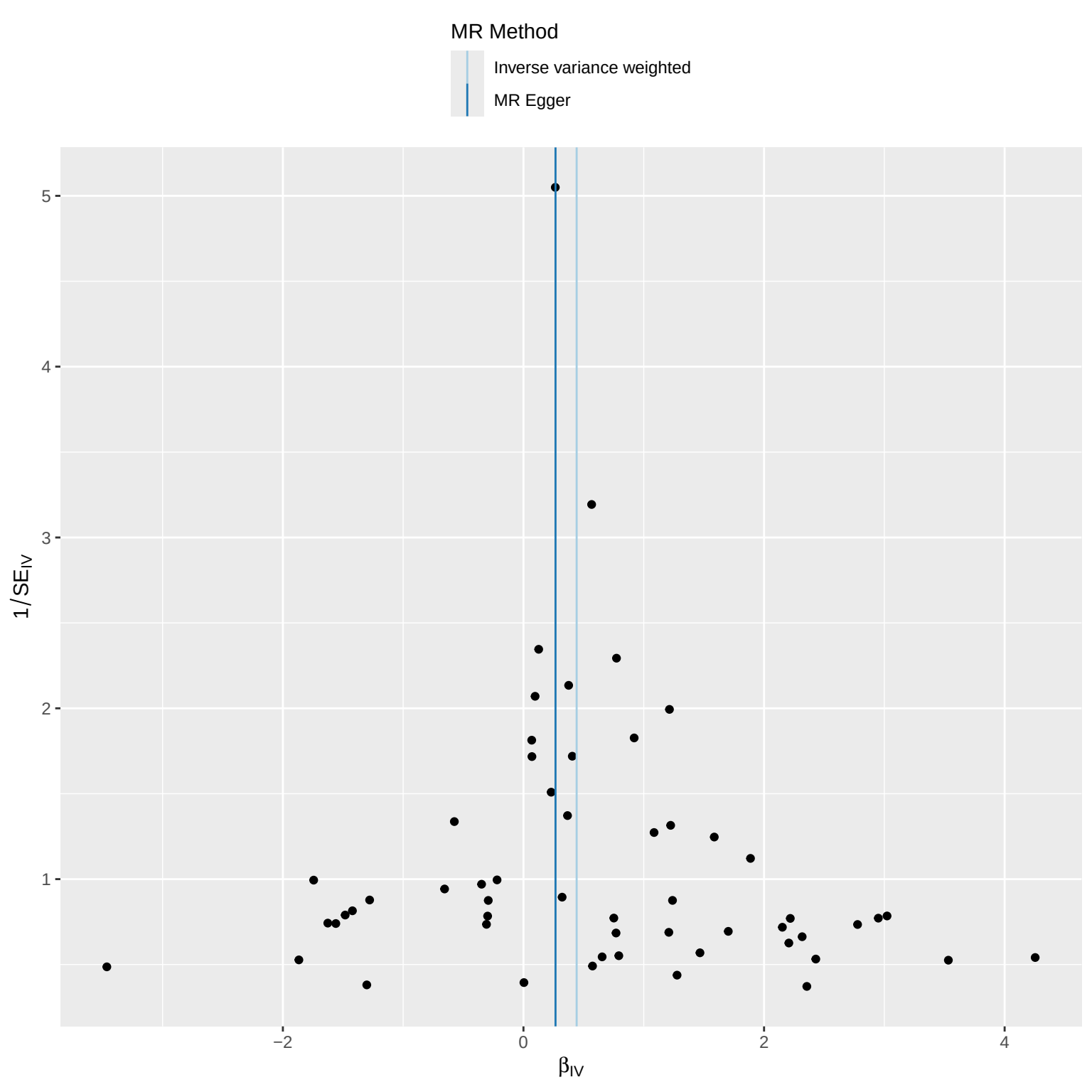

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

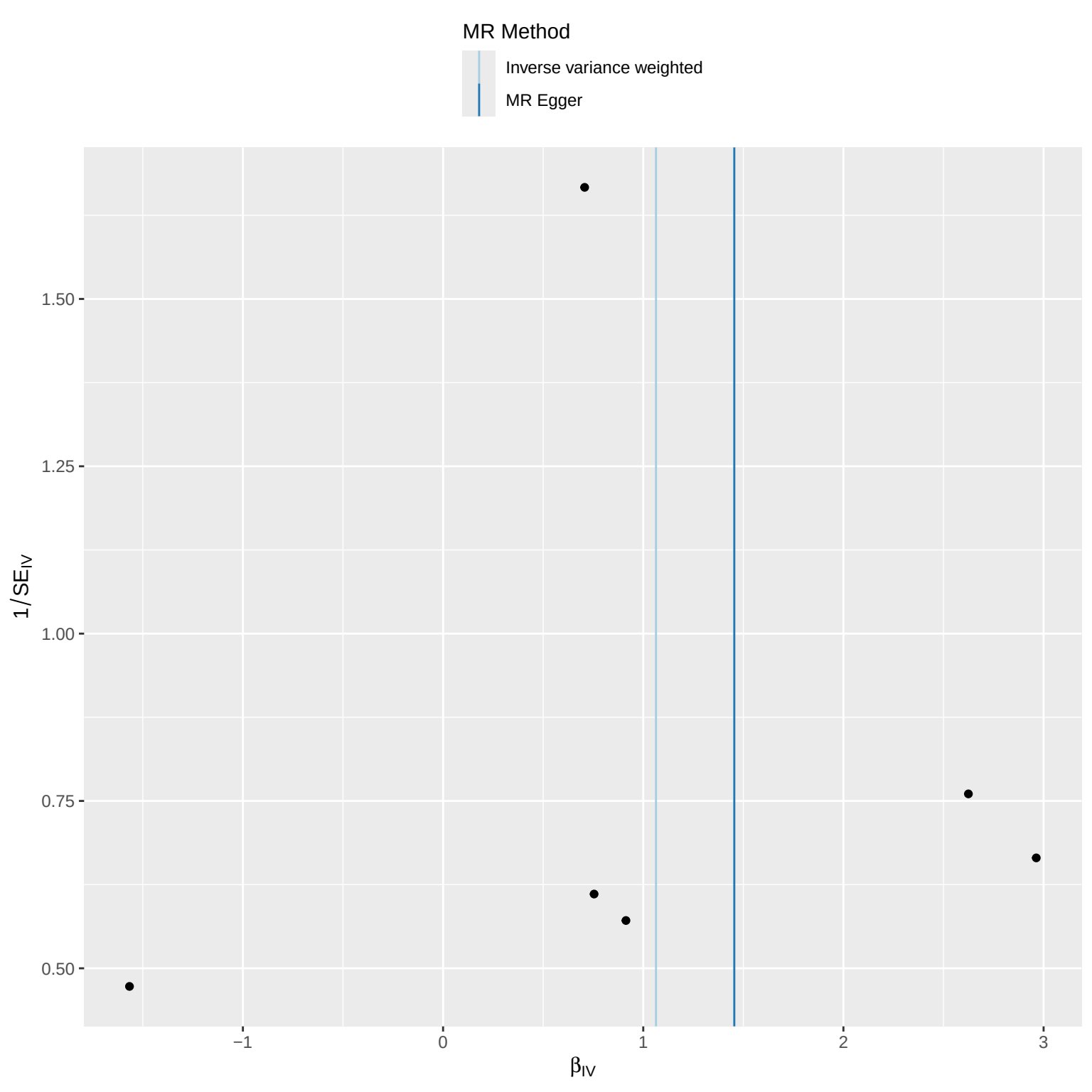

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
0
3
6
β_IV

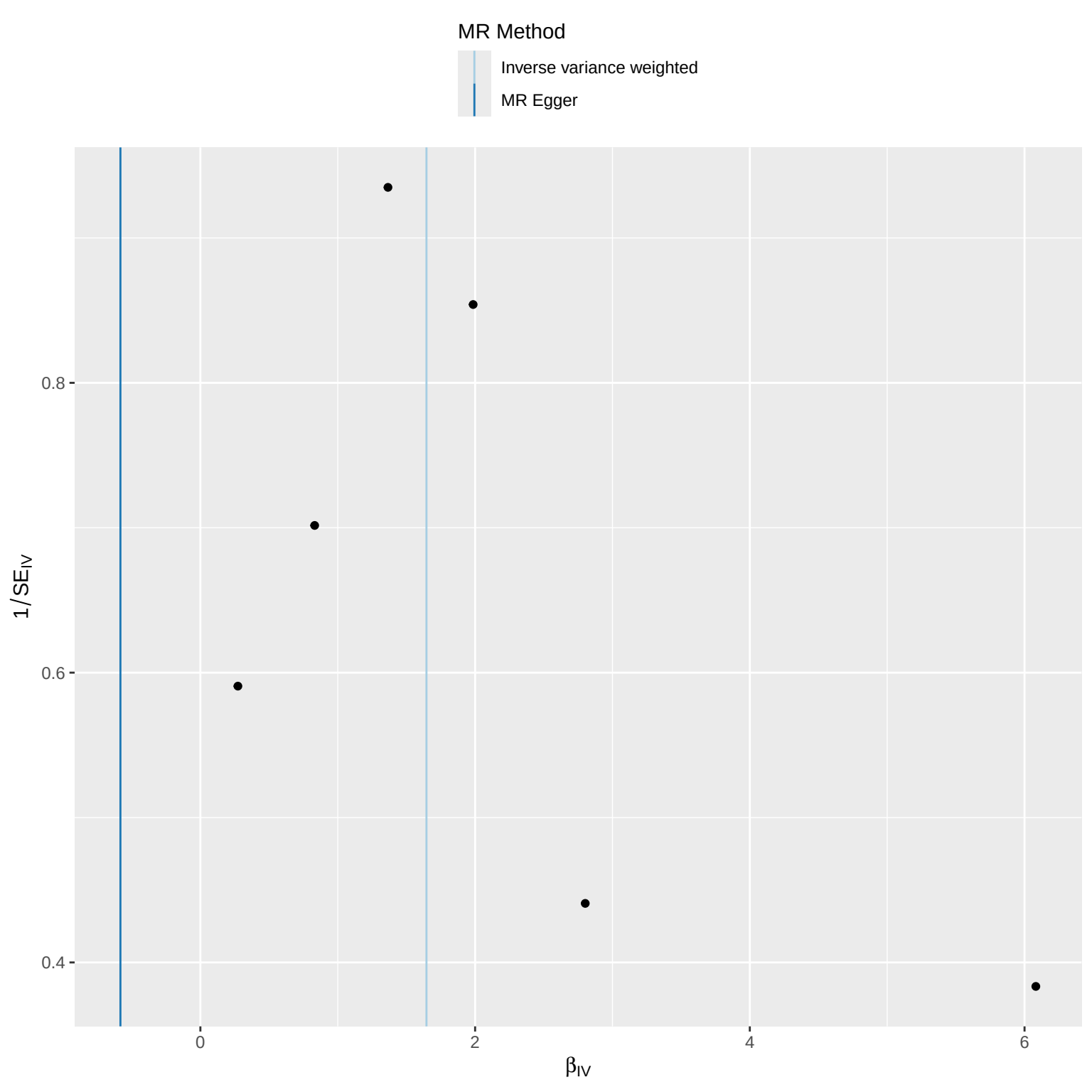

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

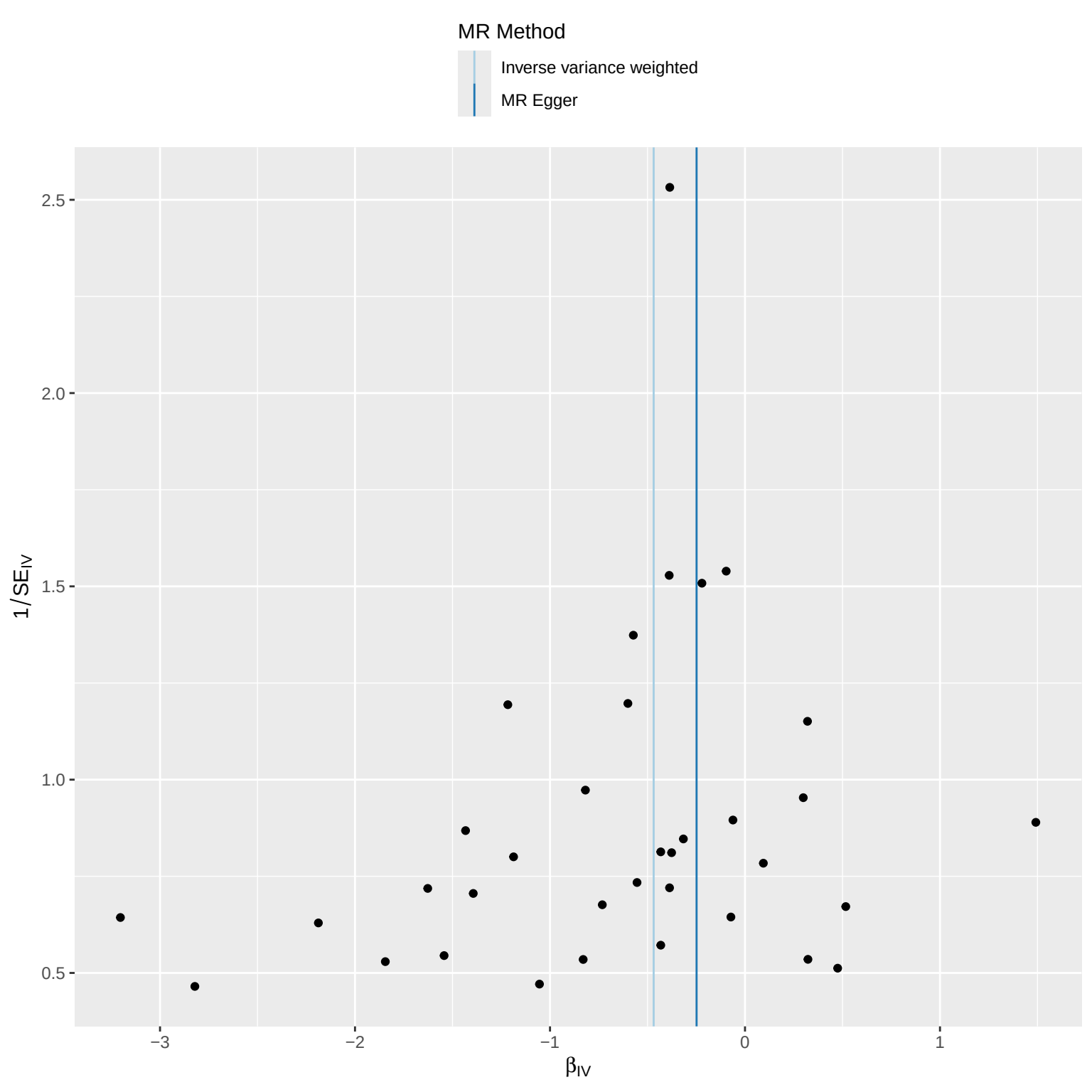

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−4
−2
0
β_IV

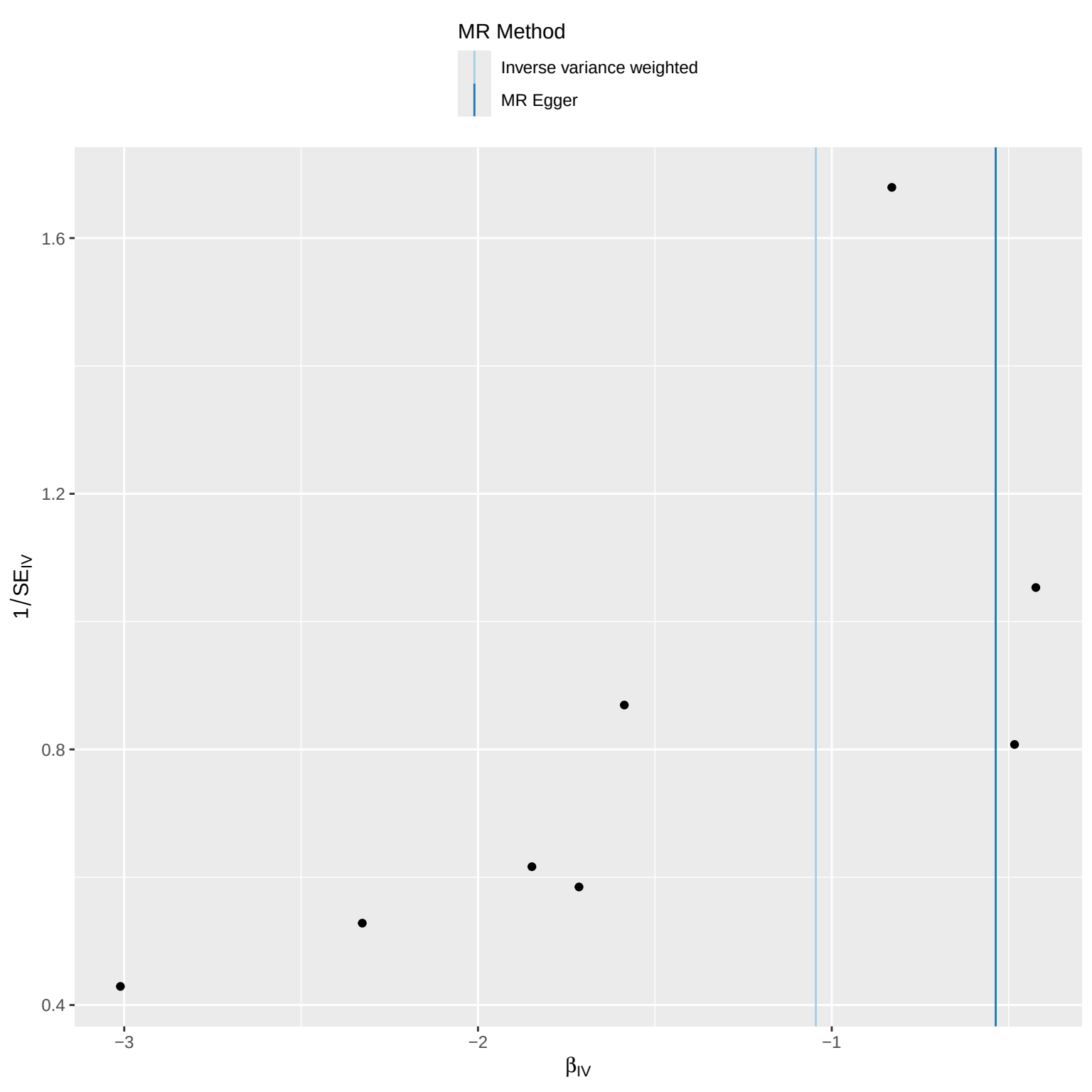

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

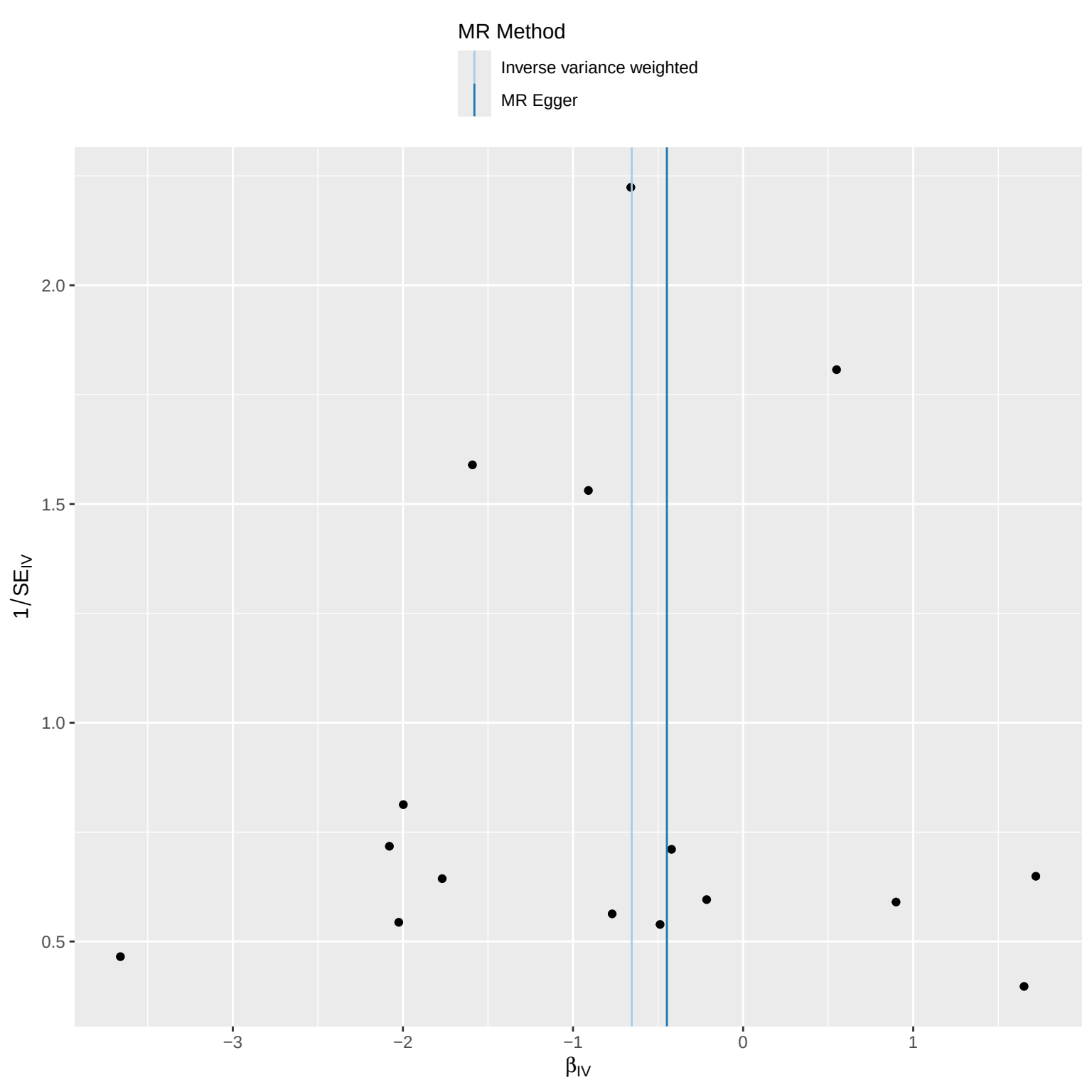

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

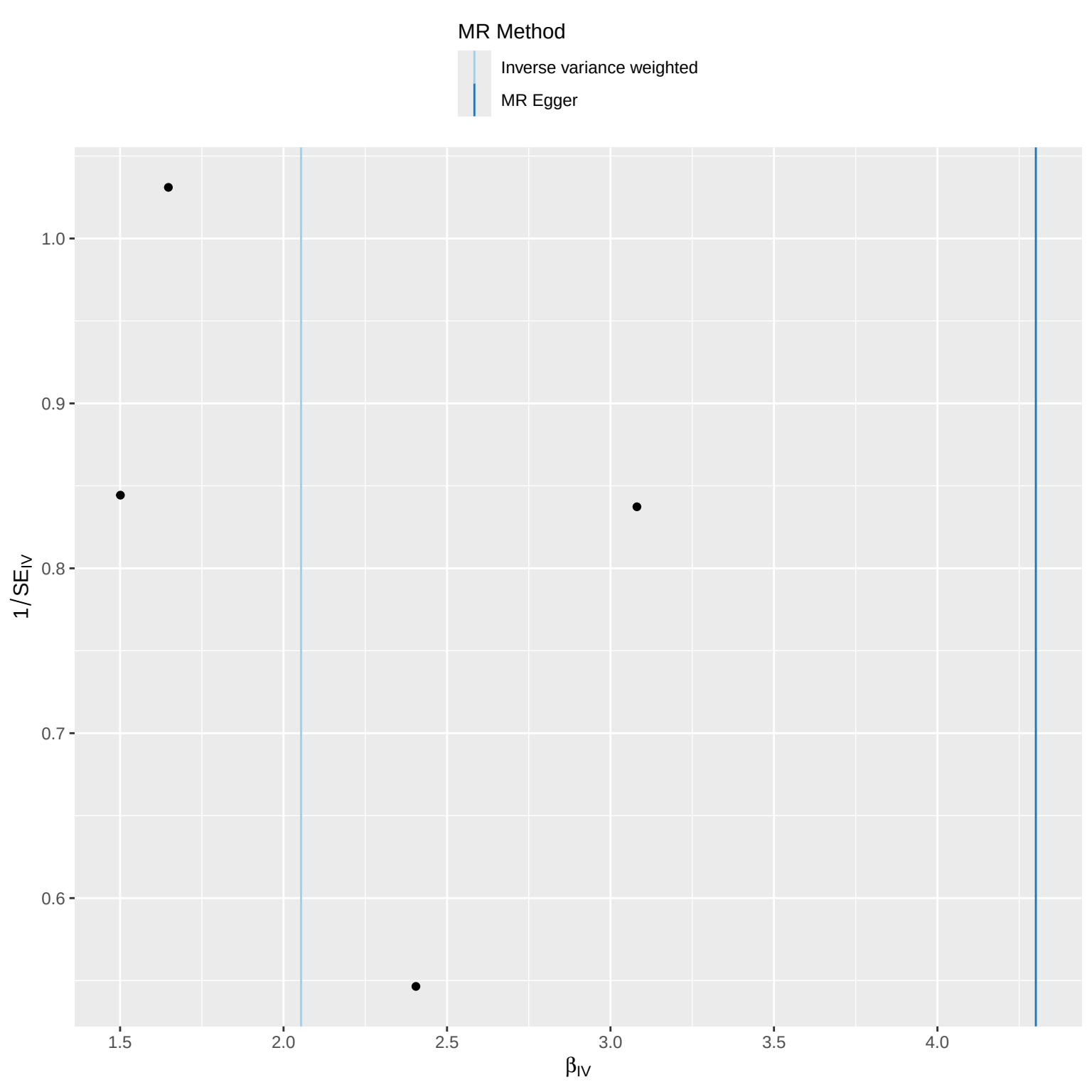

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

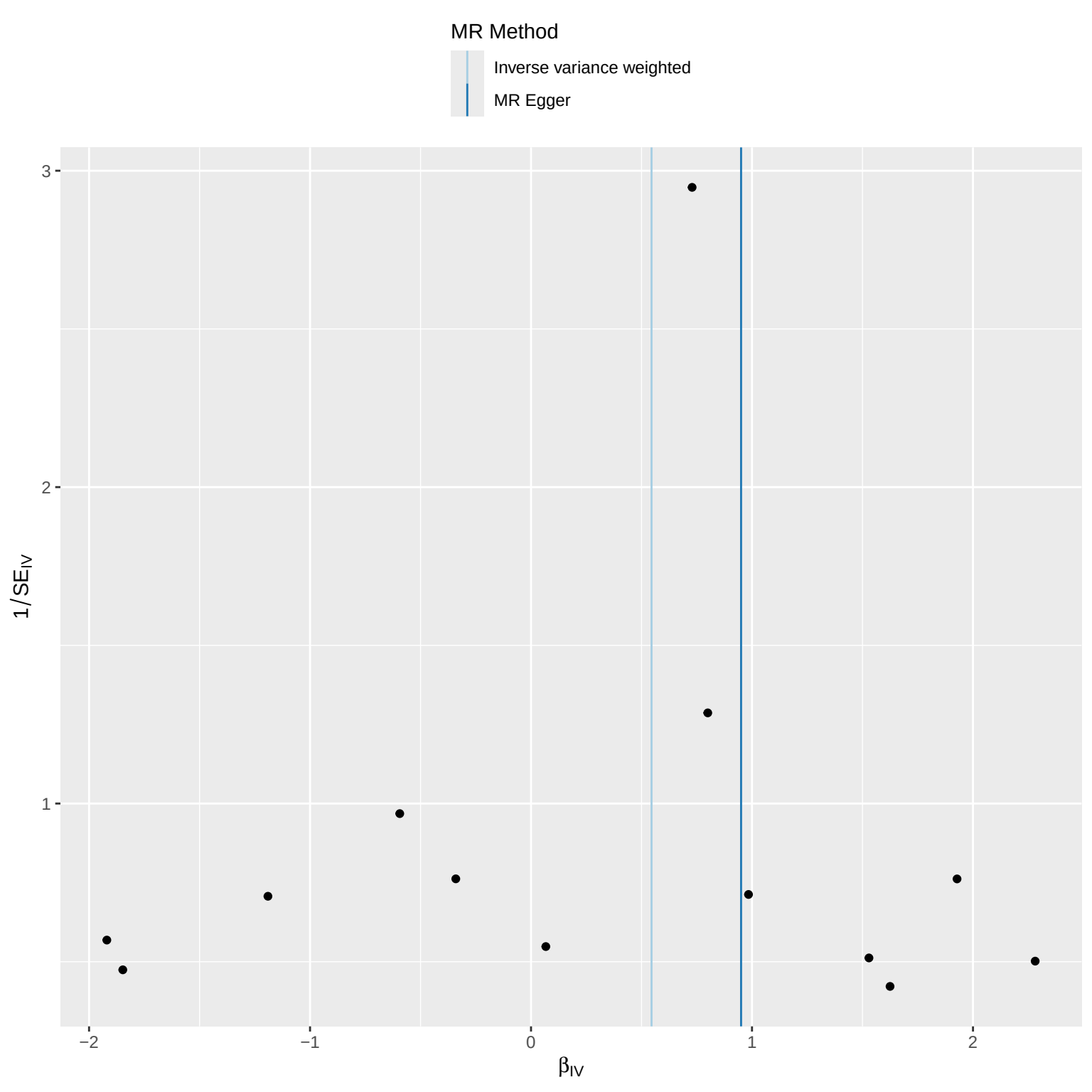

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
0
2
4
6
β_IV

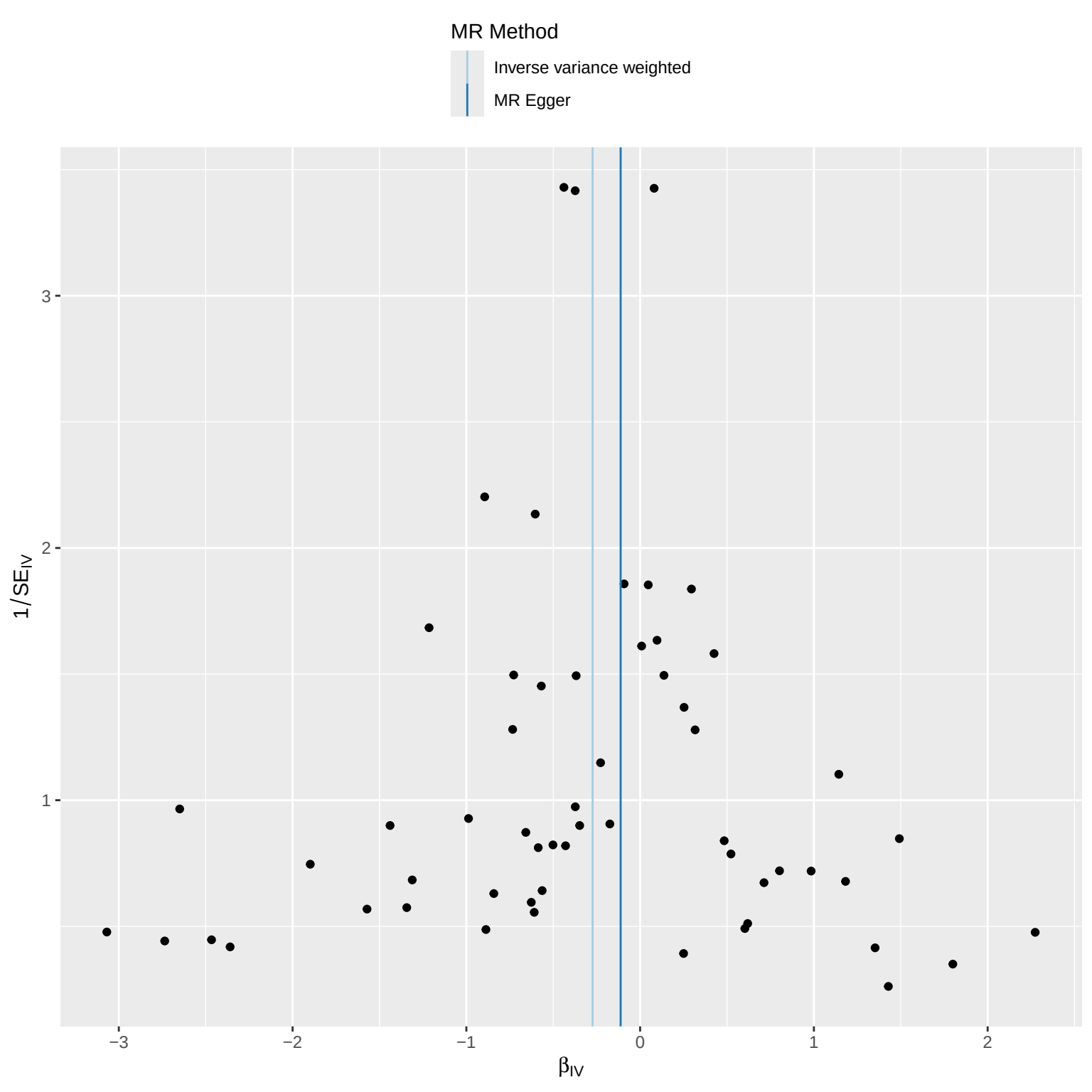

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

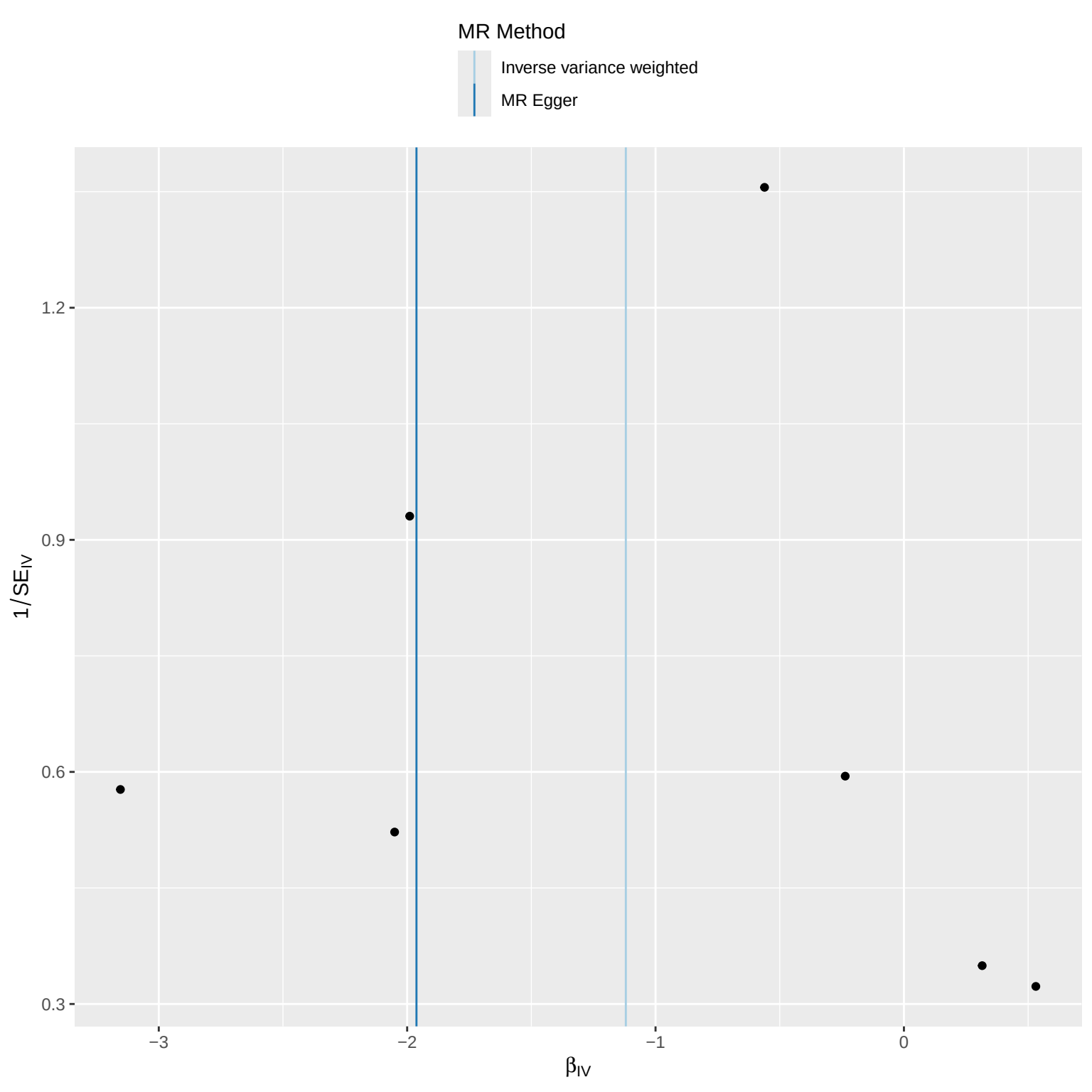

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
β_IV

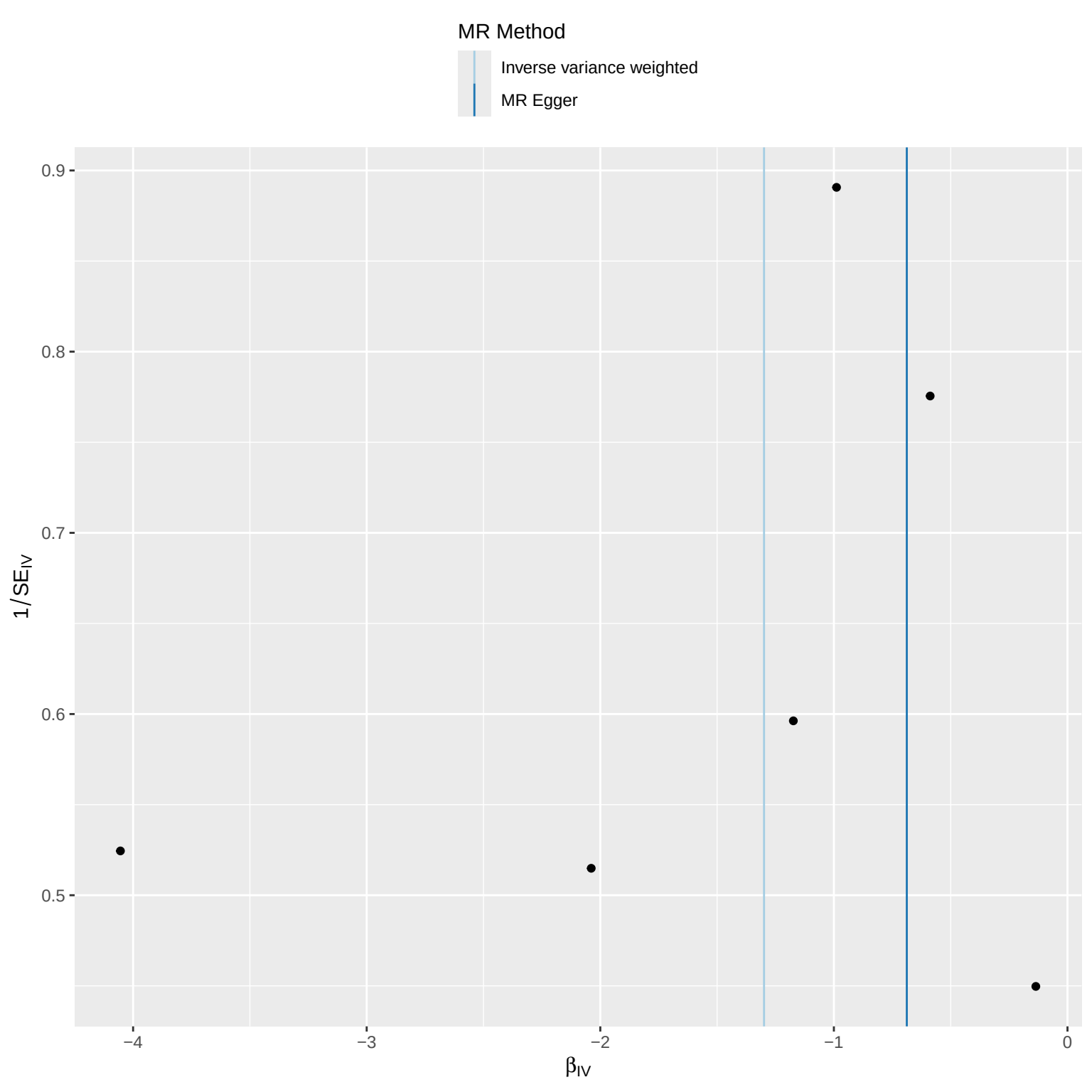

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

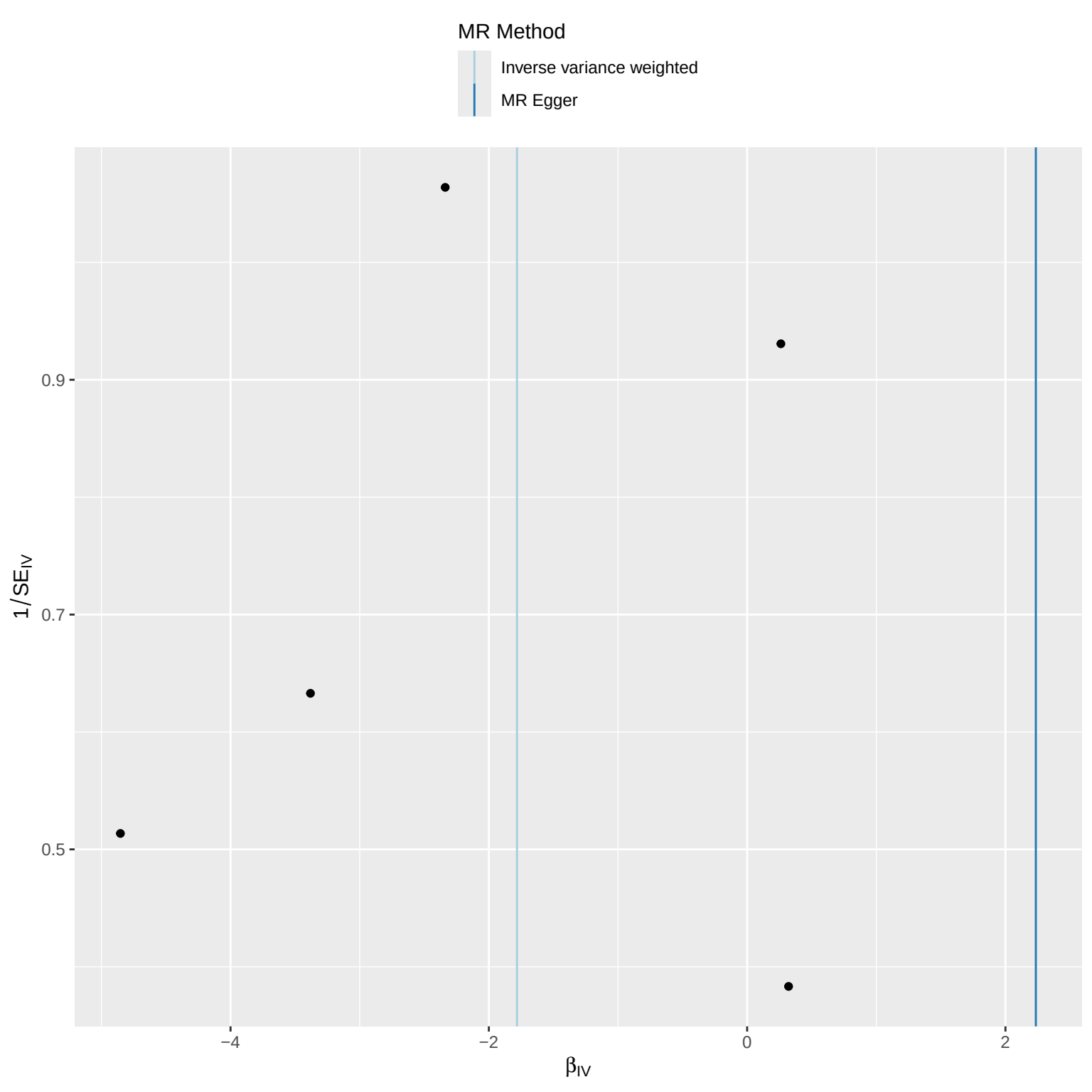

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
1/SE_IV
1.5
2.0
2.5
3.0
3.5
4.0
β_IV

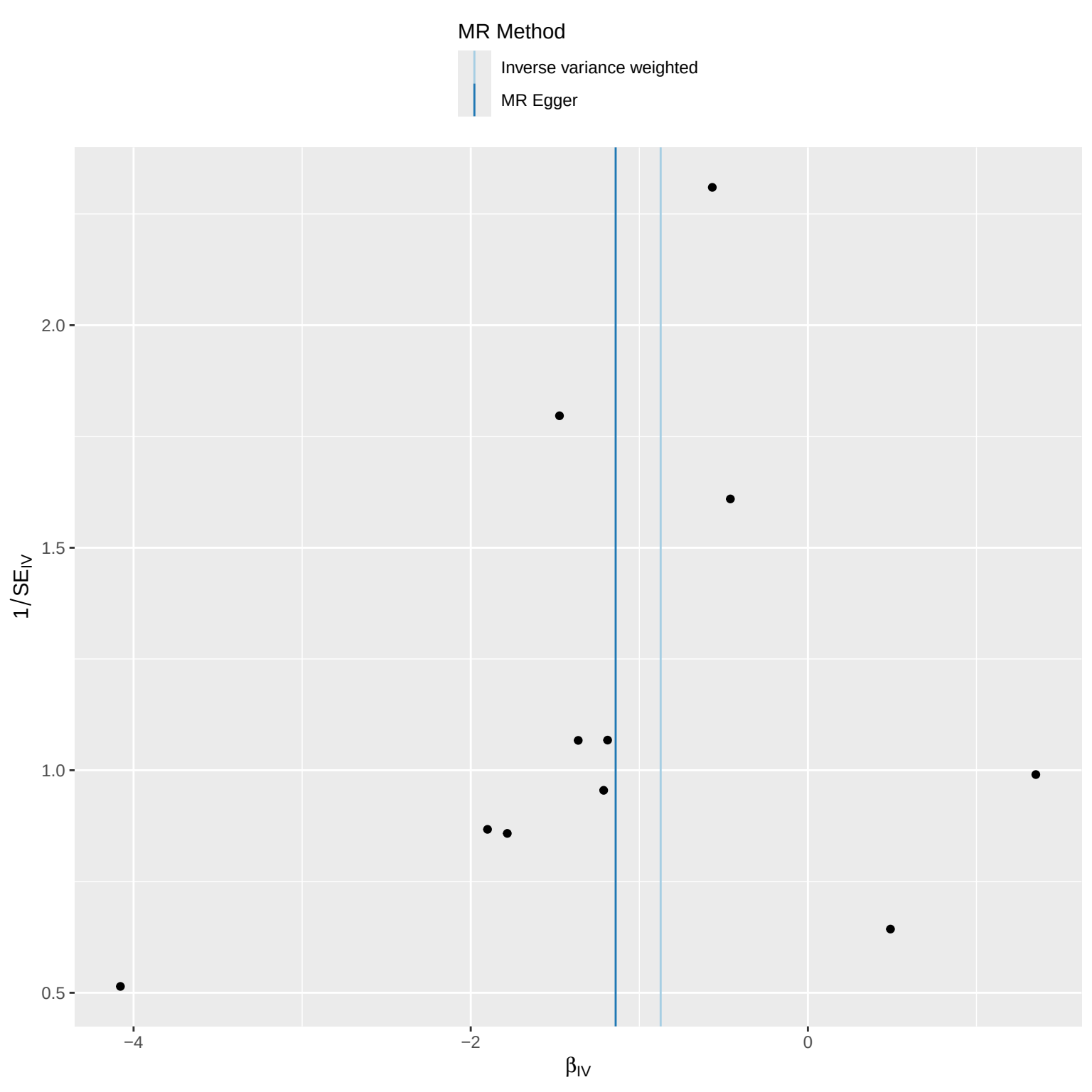

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

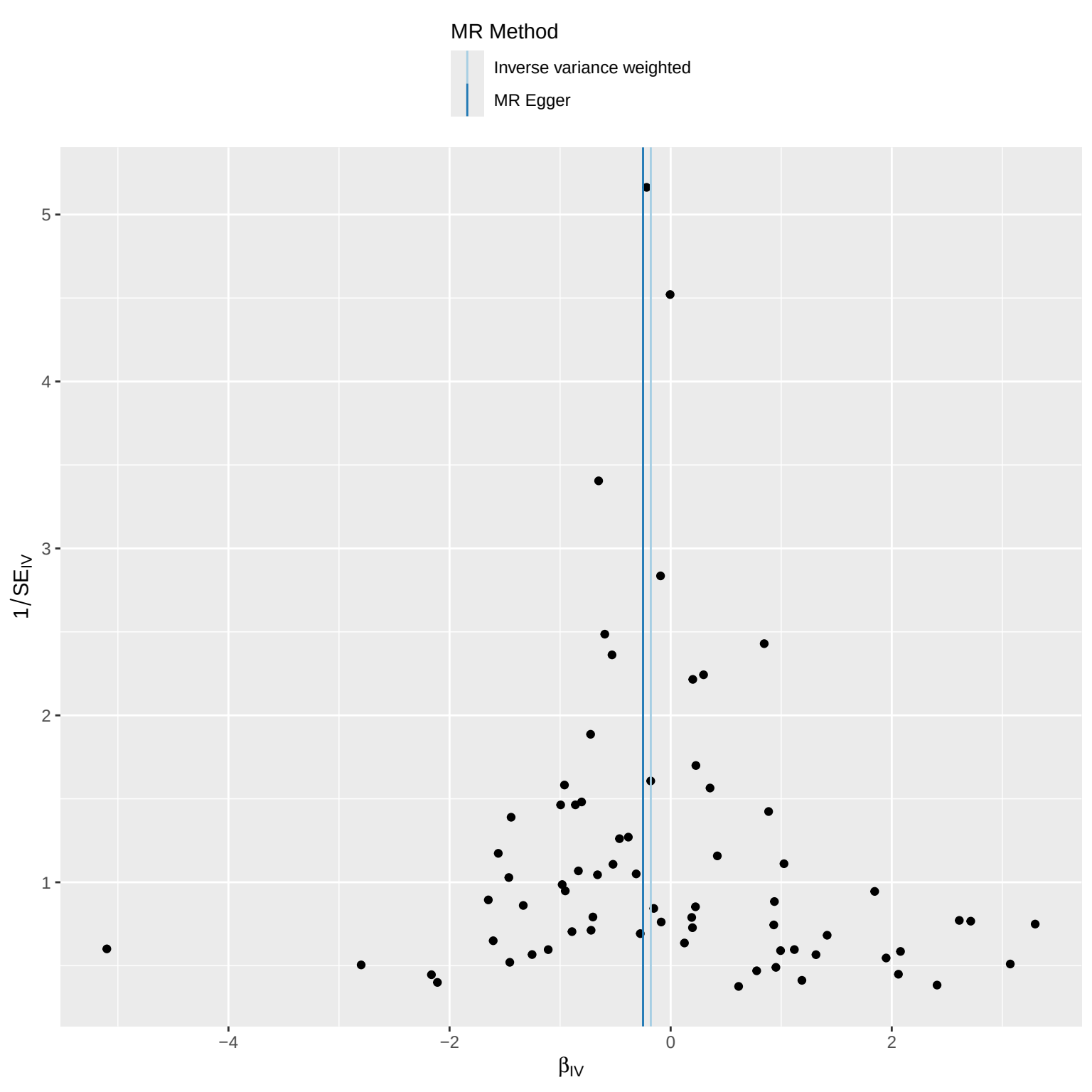

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

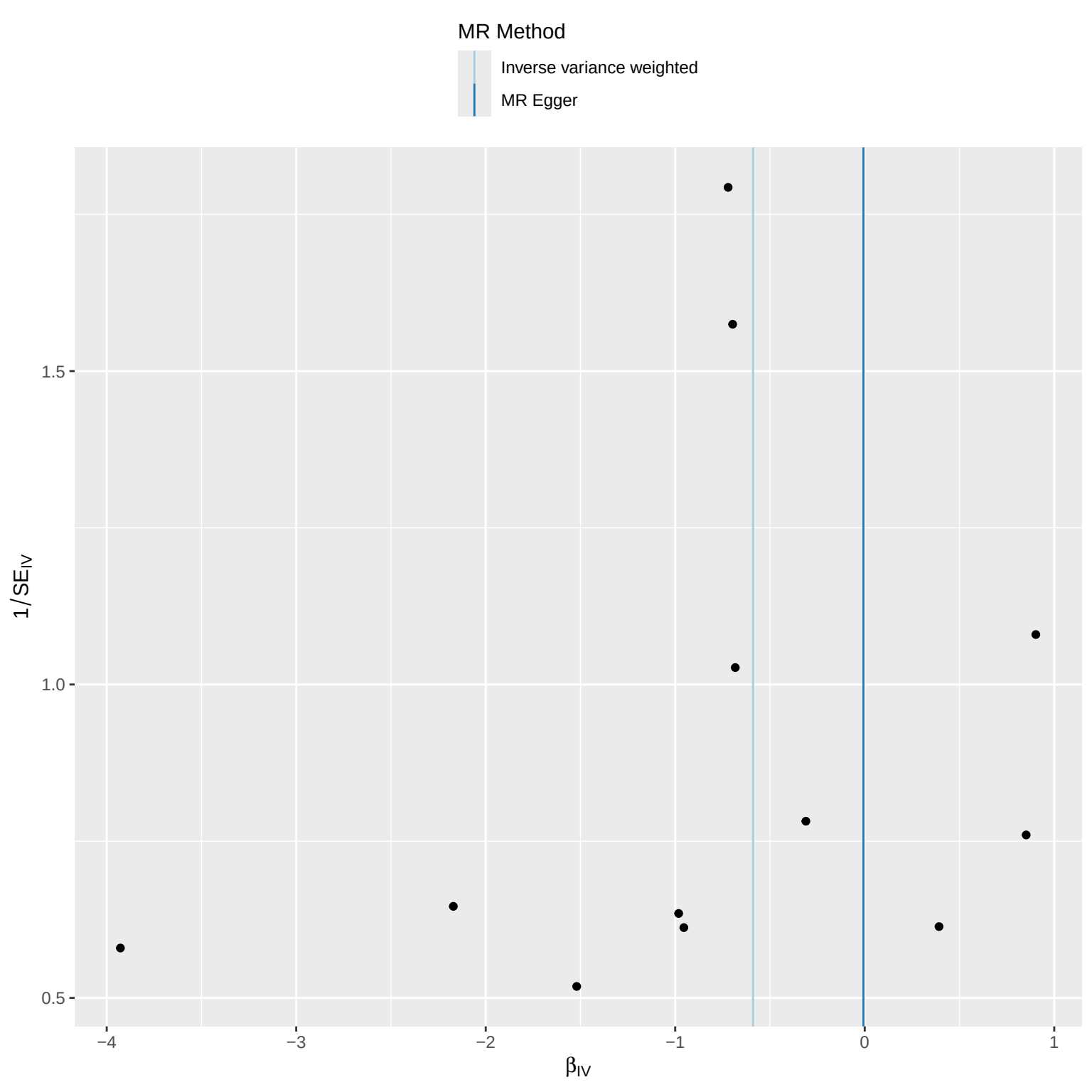

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
0.3
1/SE_IV
−3
−2
−1
0
β_IV

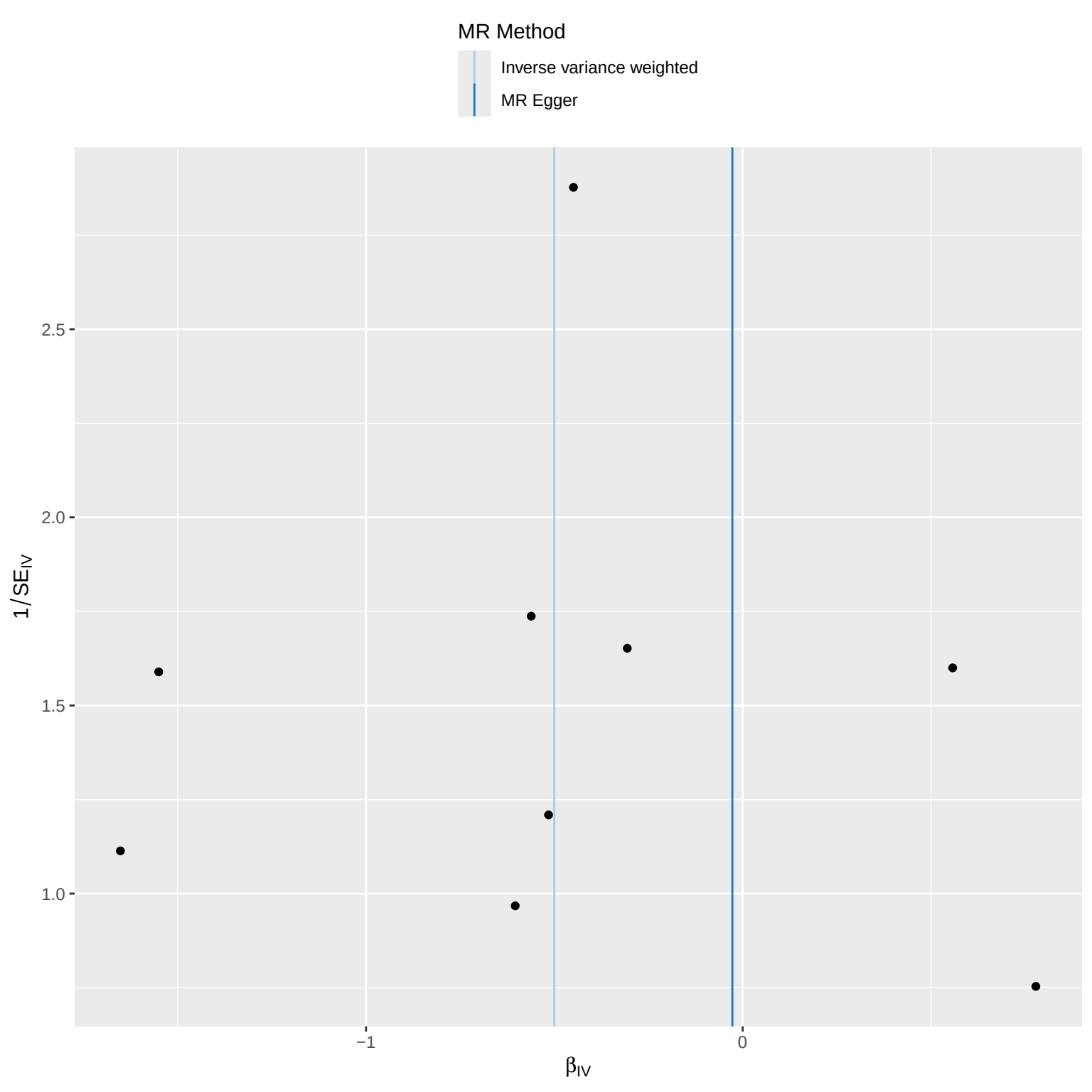

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

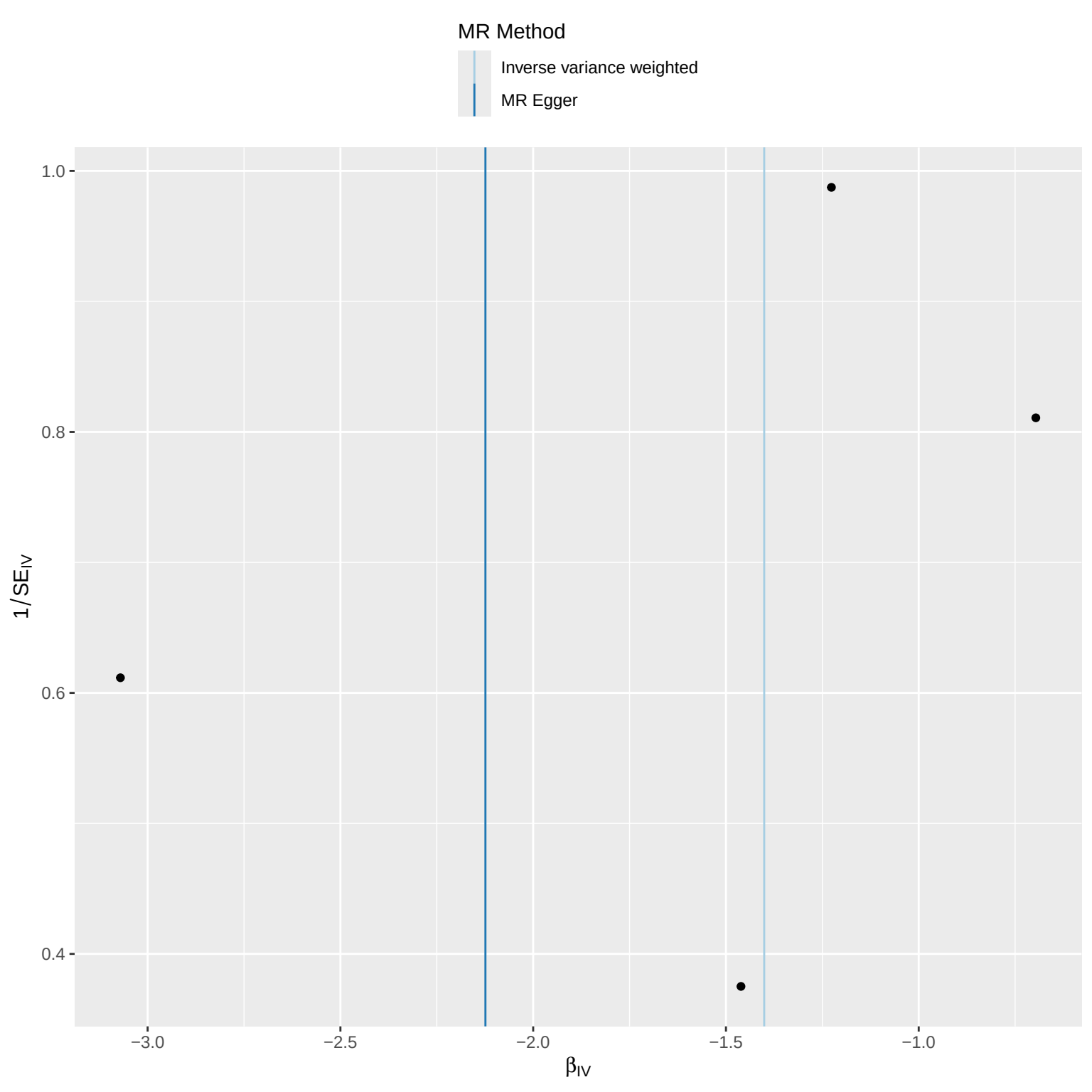

MR Method
Inverse variance weighted
MR Egger
0.9
0.7
0.5
1/SE_IV
−4
−2
0
2
β_IV

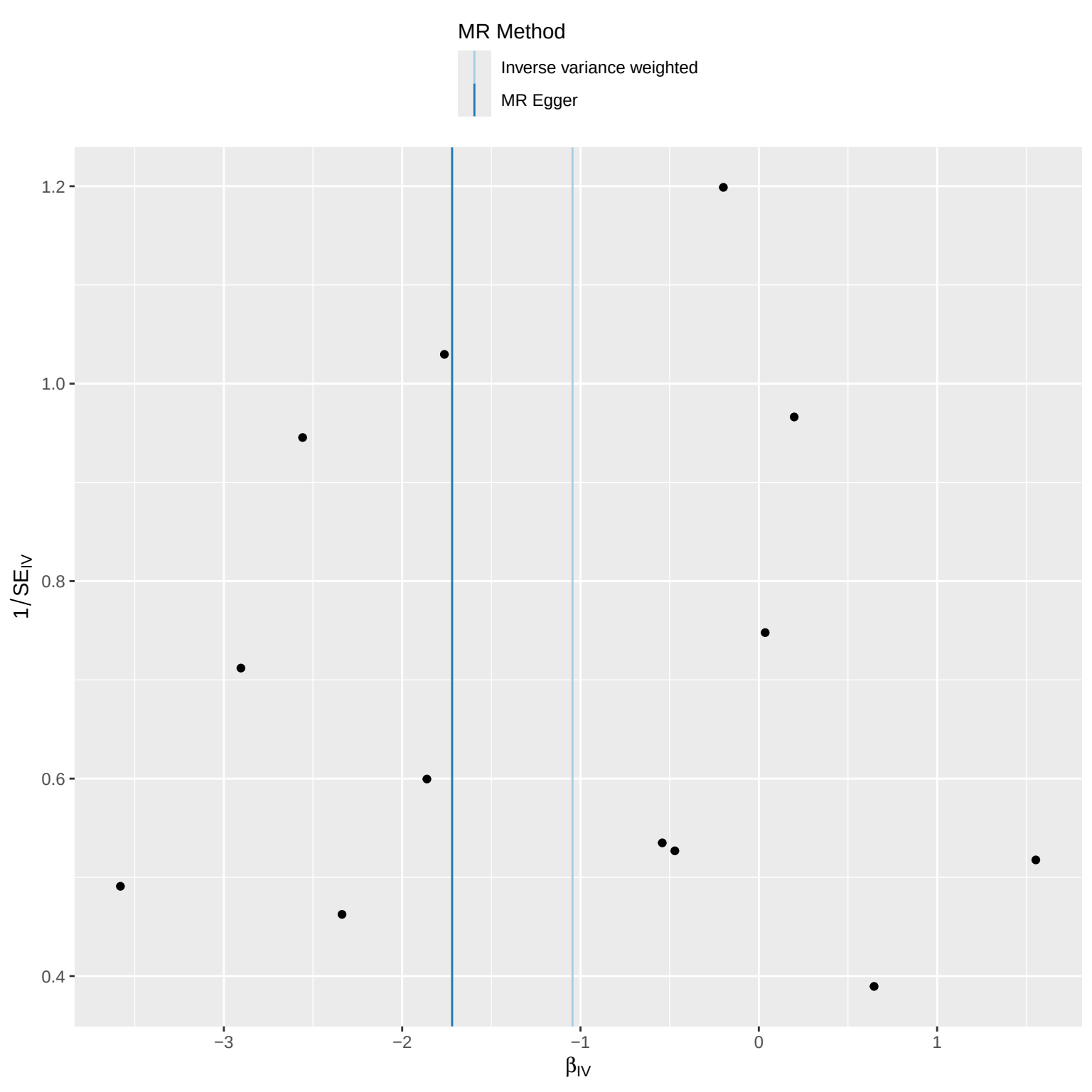

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

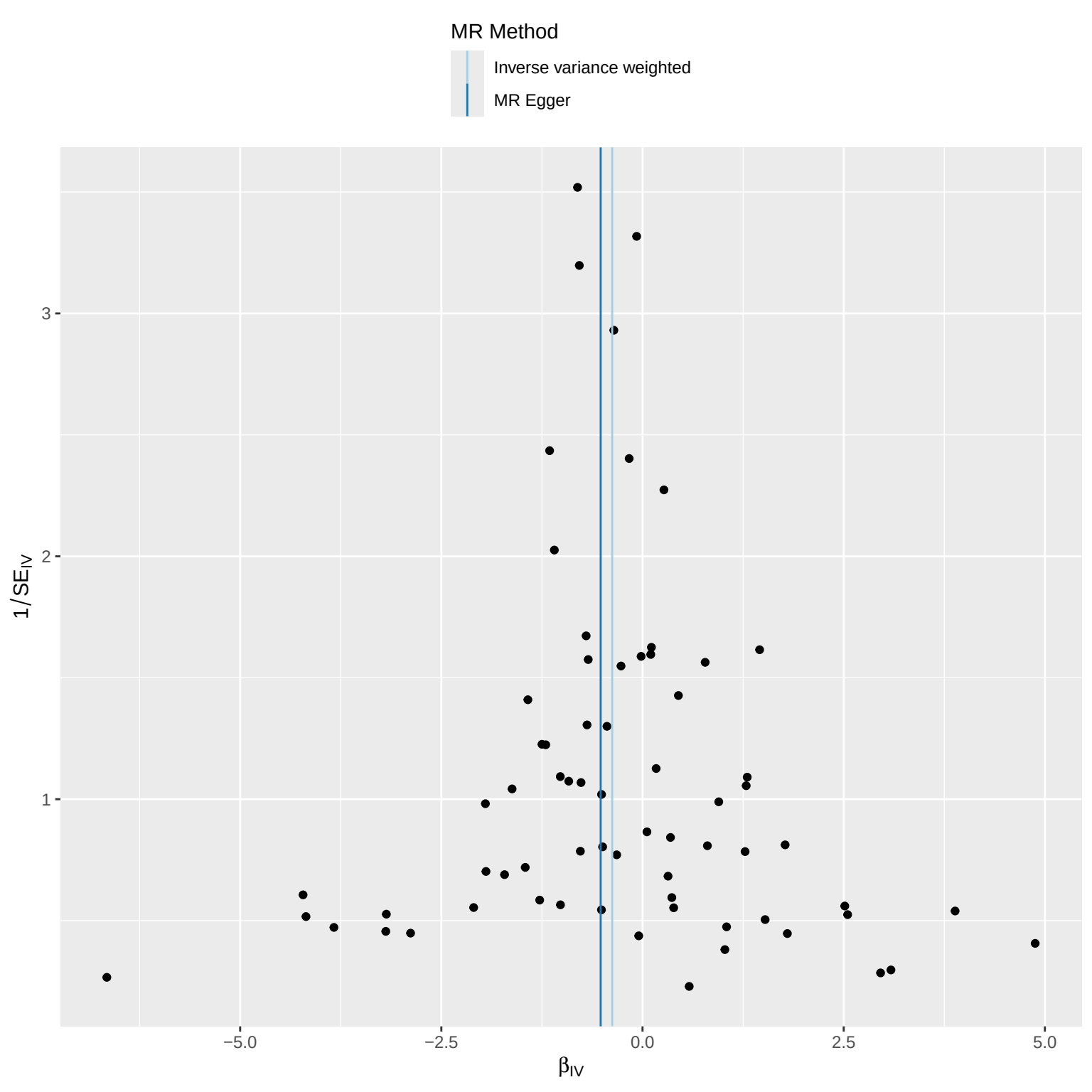

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

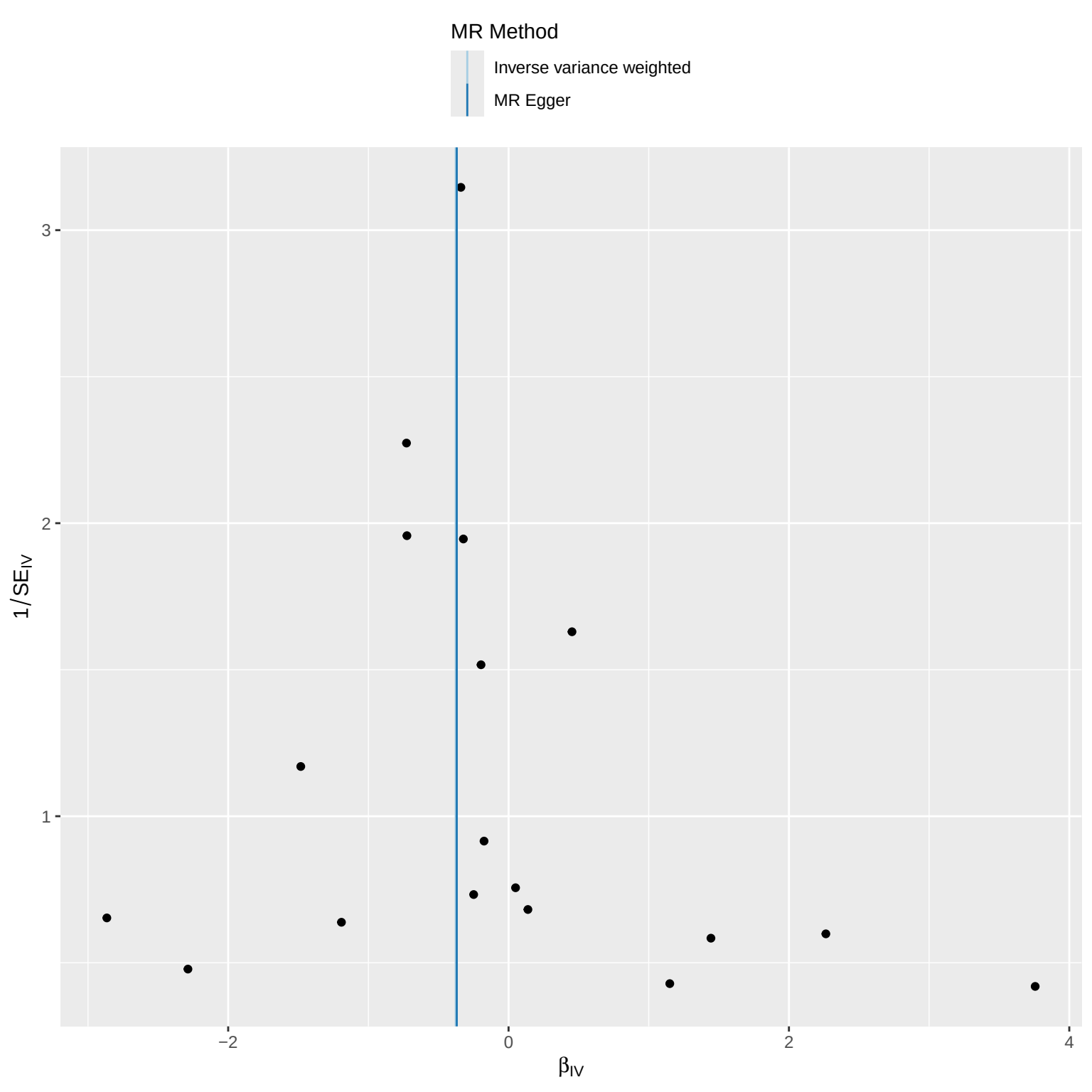

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

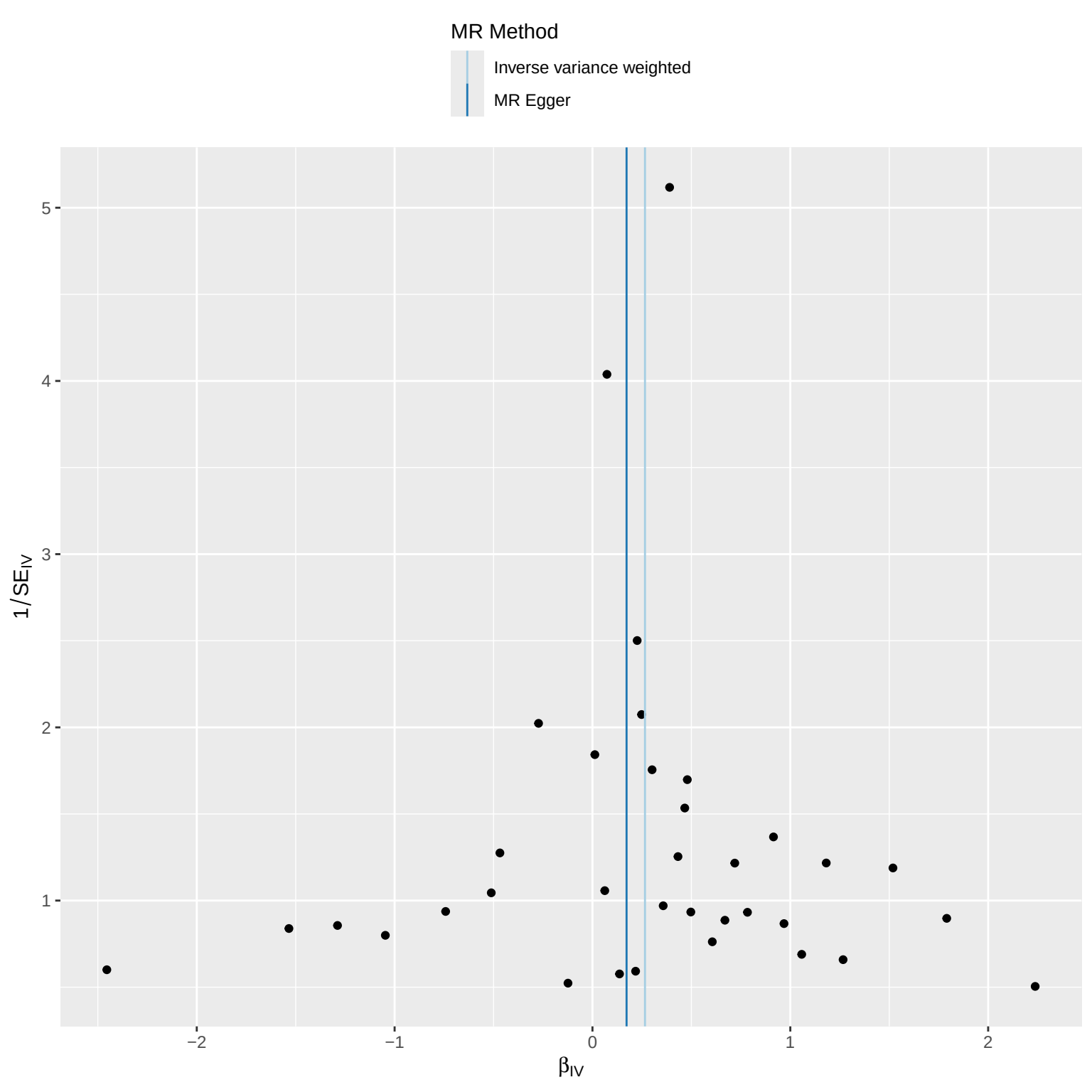

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
β_IV

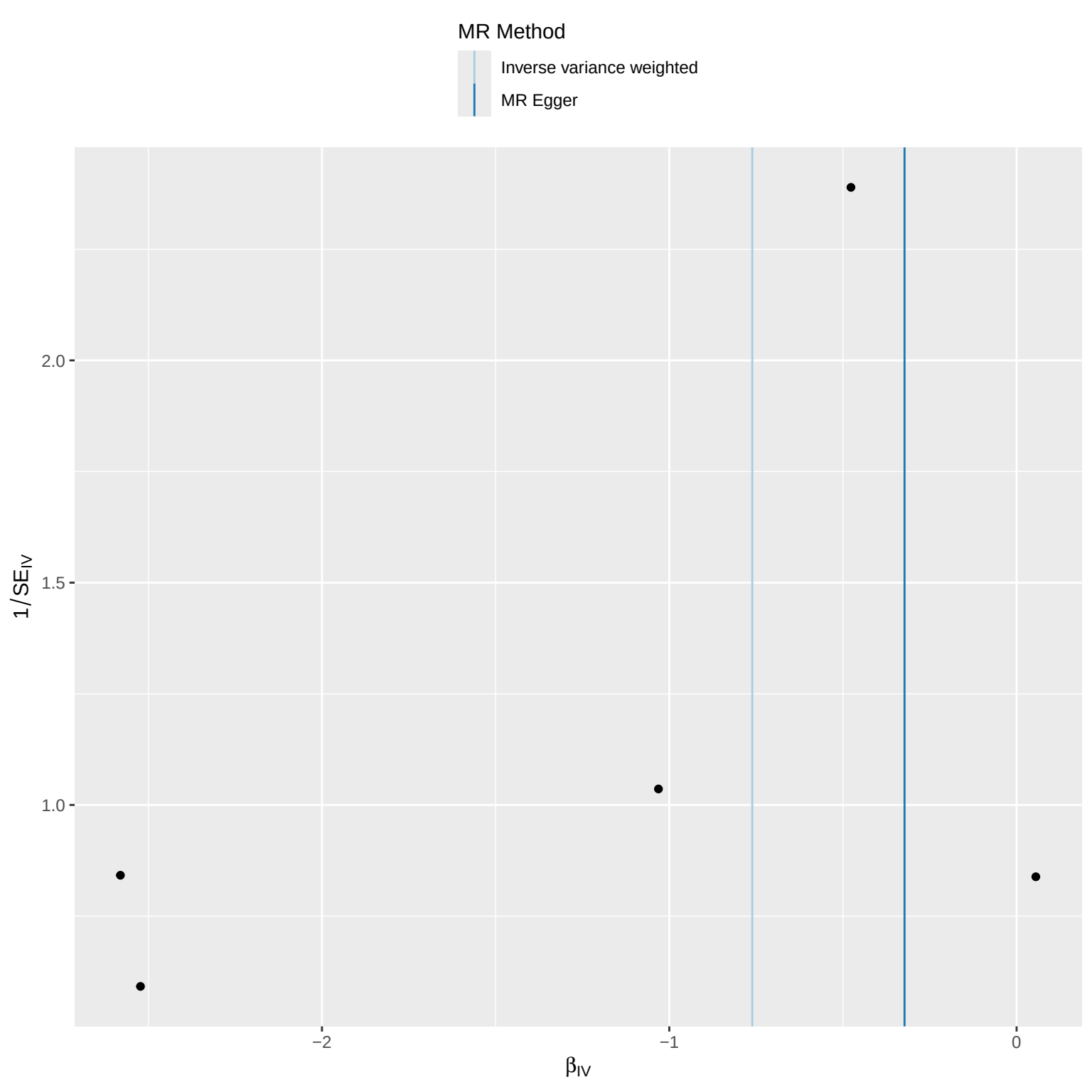

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−3.0
−2.5
−2.0
−1.5
−1.0
β_IV

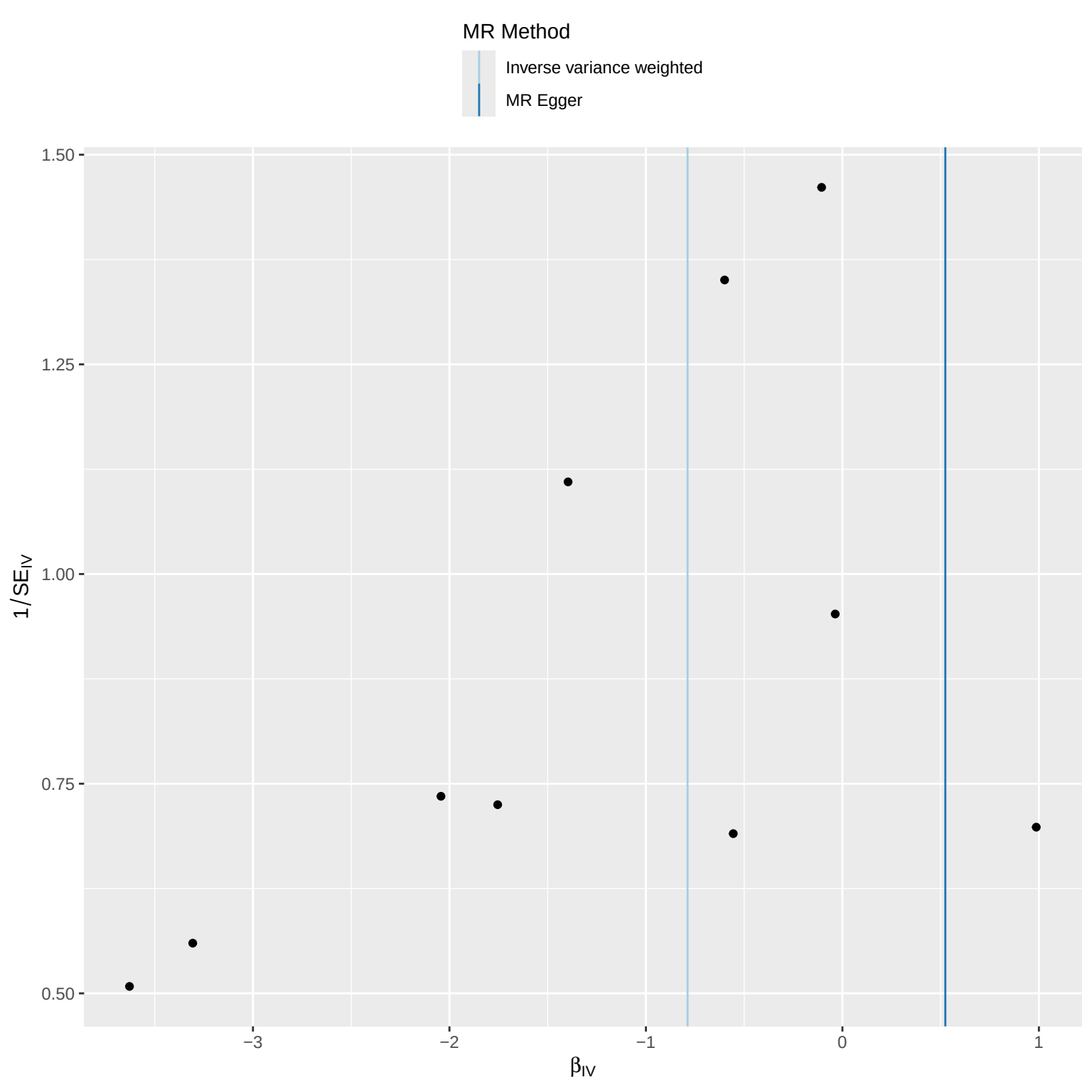

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−3
−2
−1
0
1
β_IV

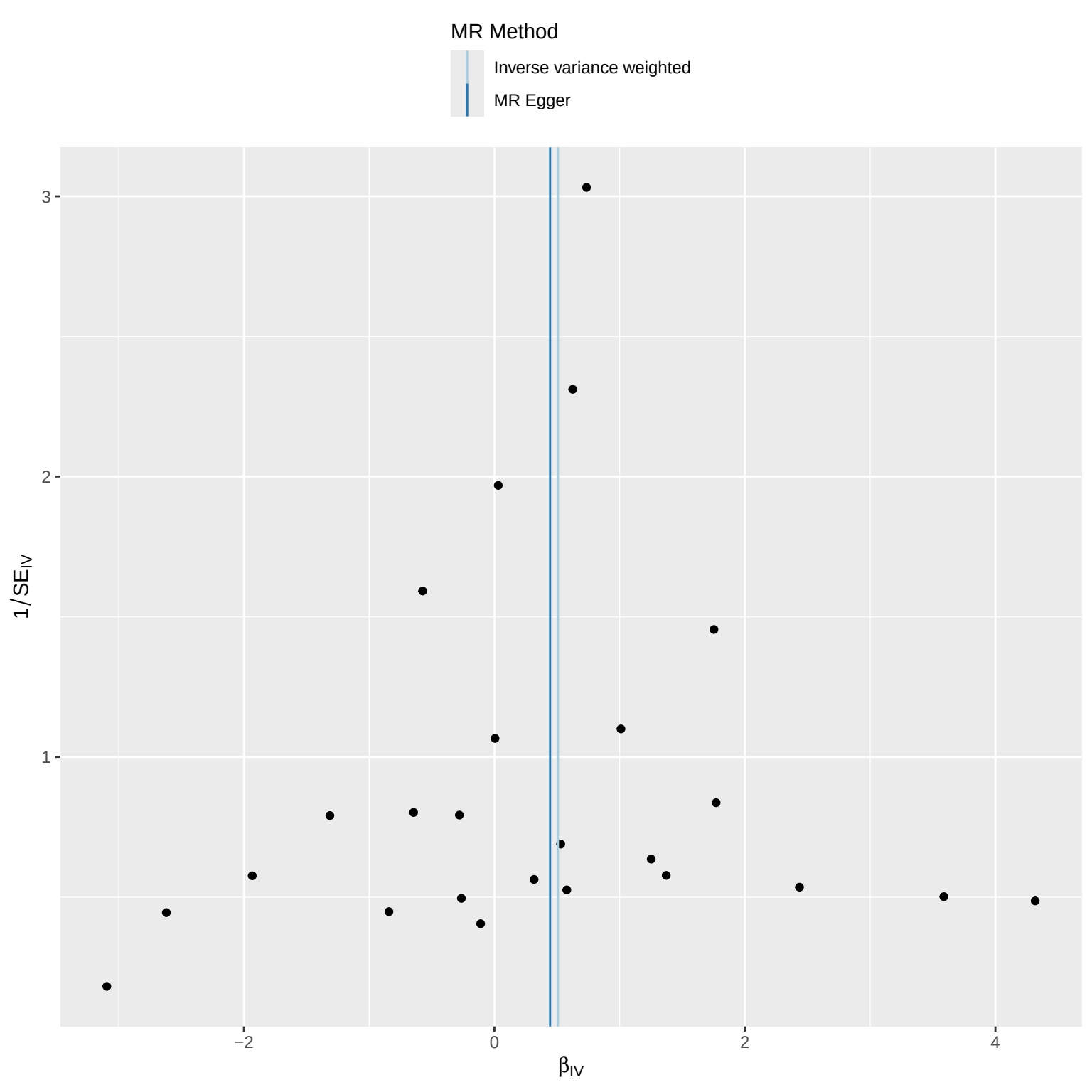

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

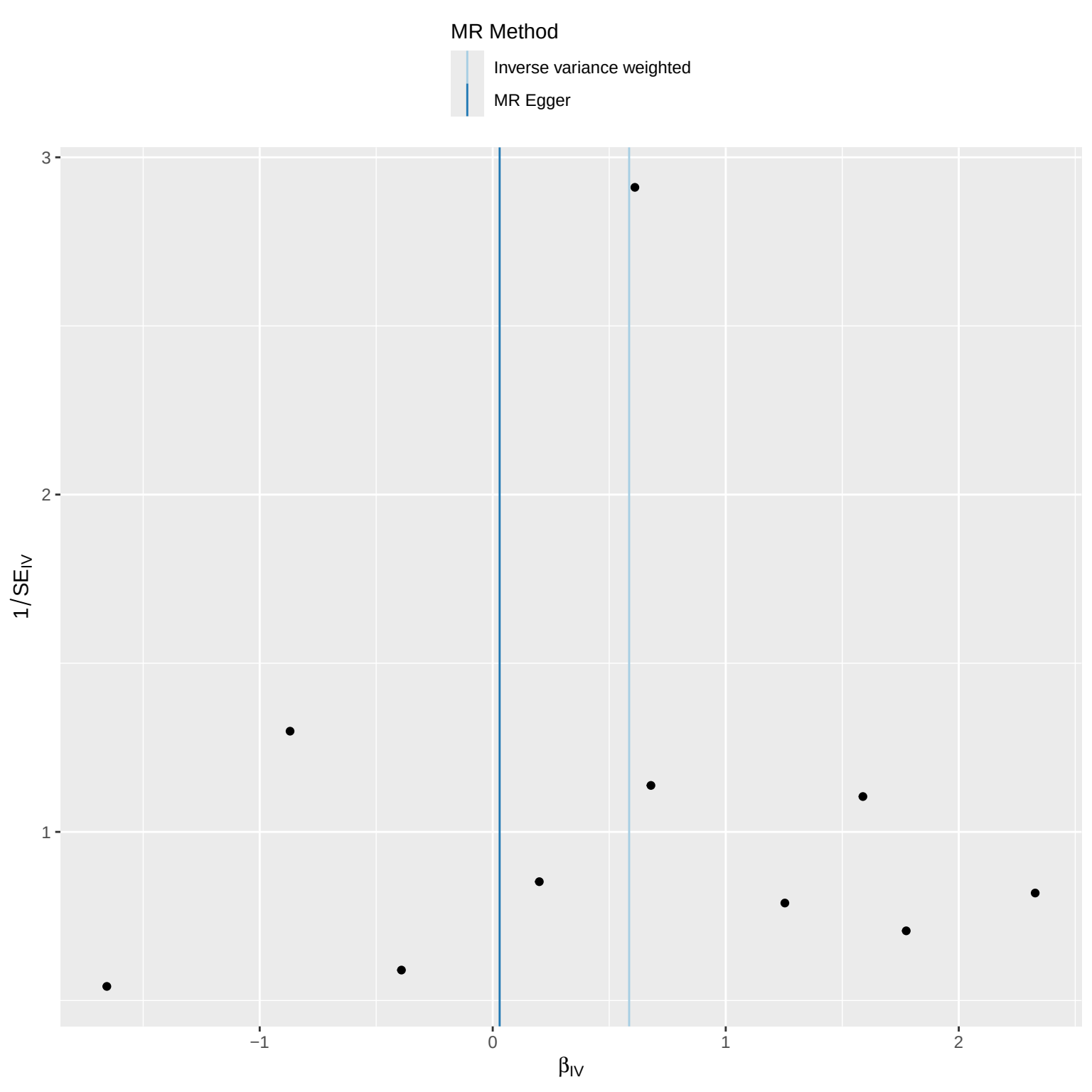

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

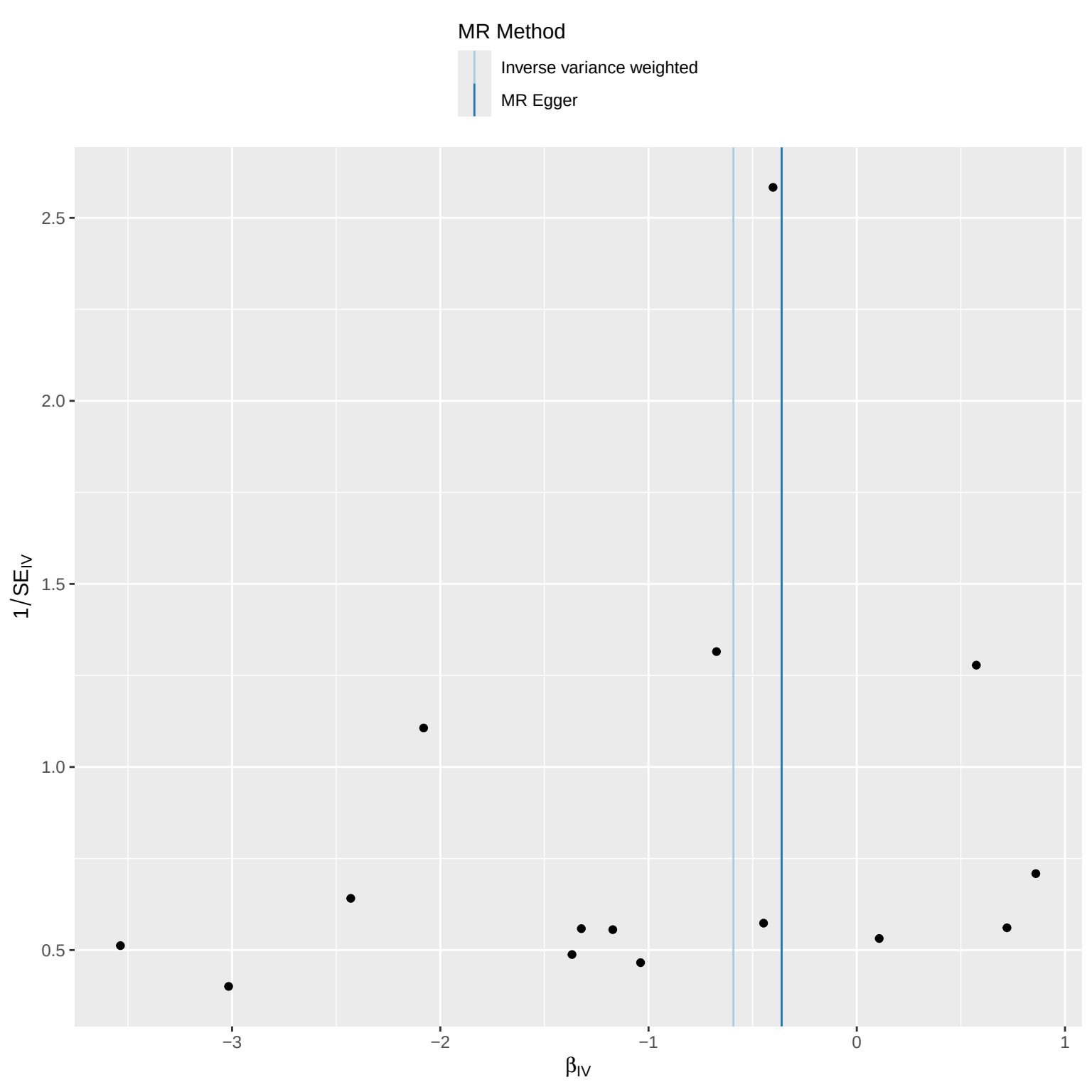

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

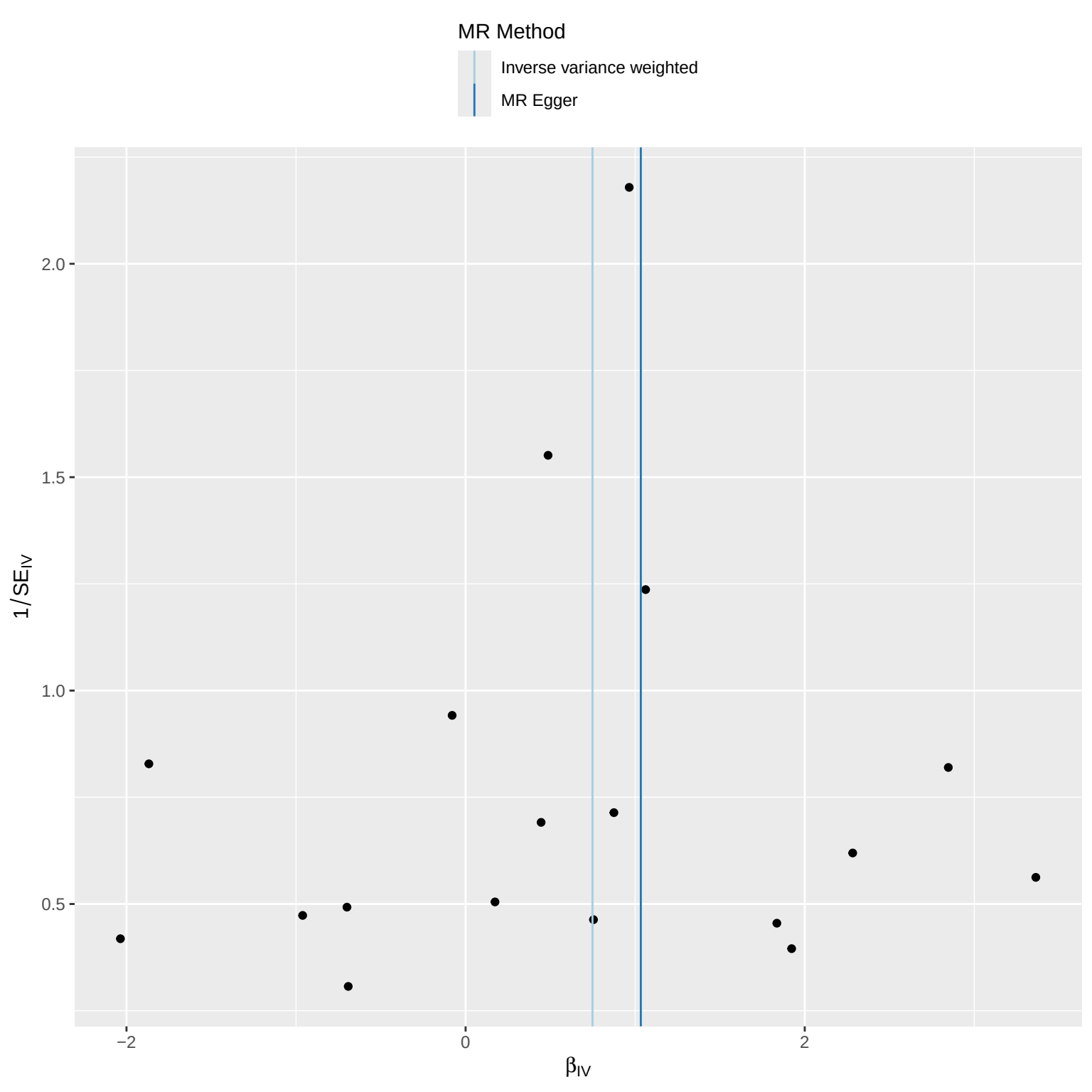

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

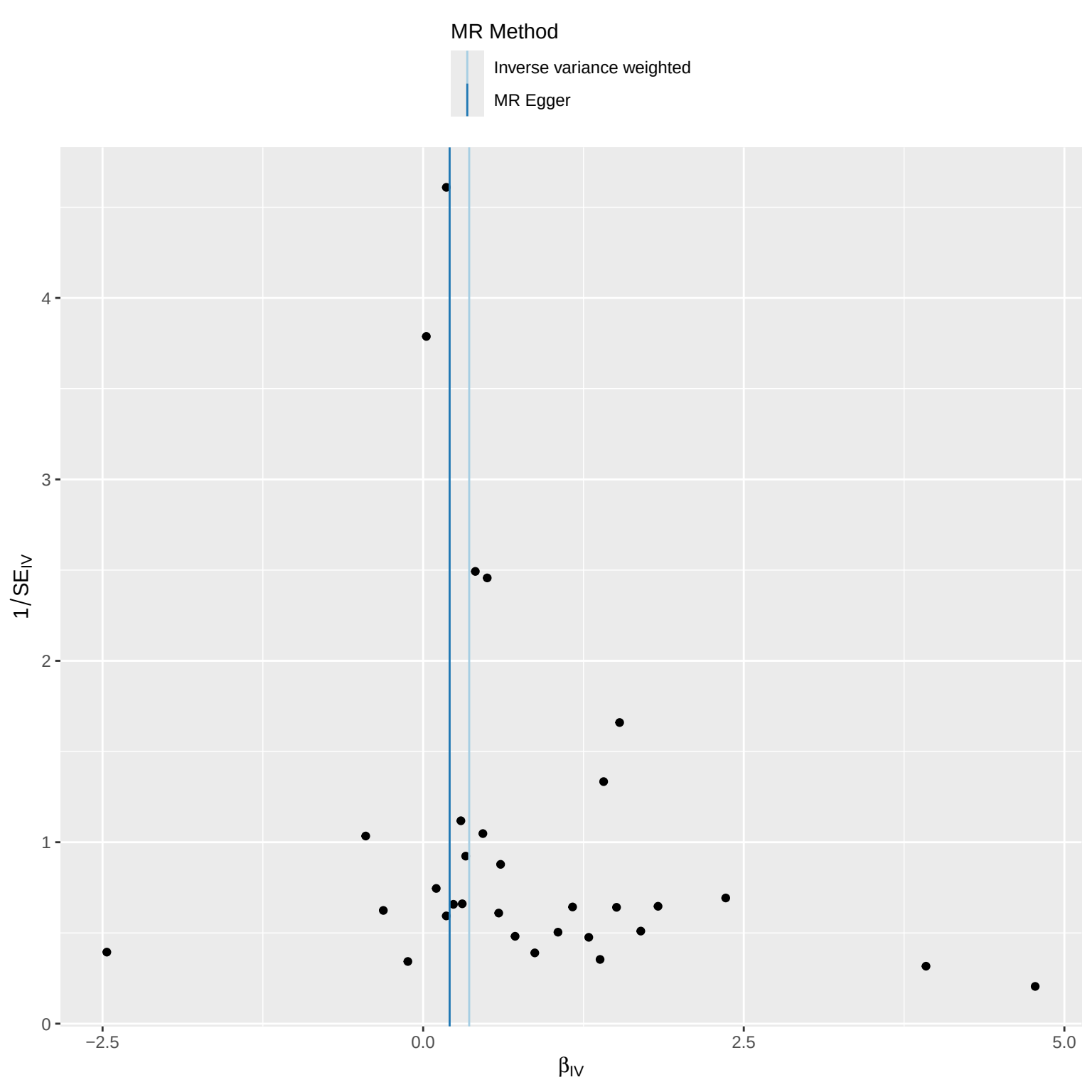

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

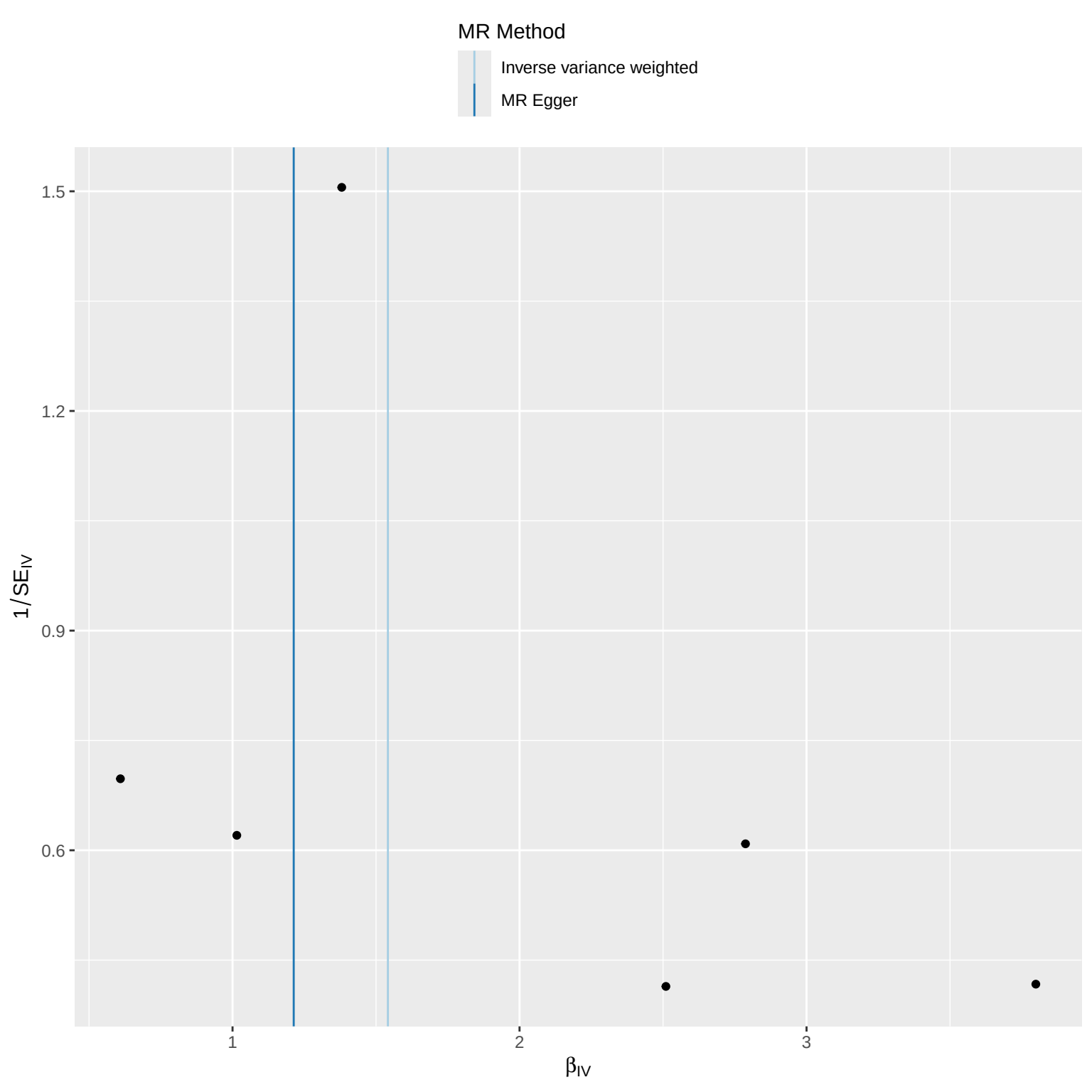

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

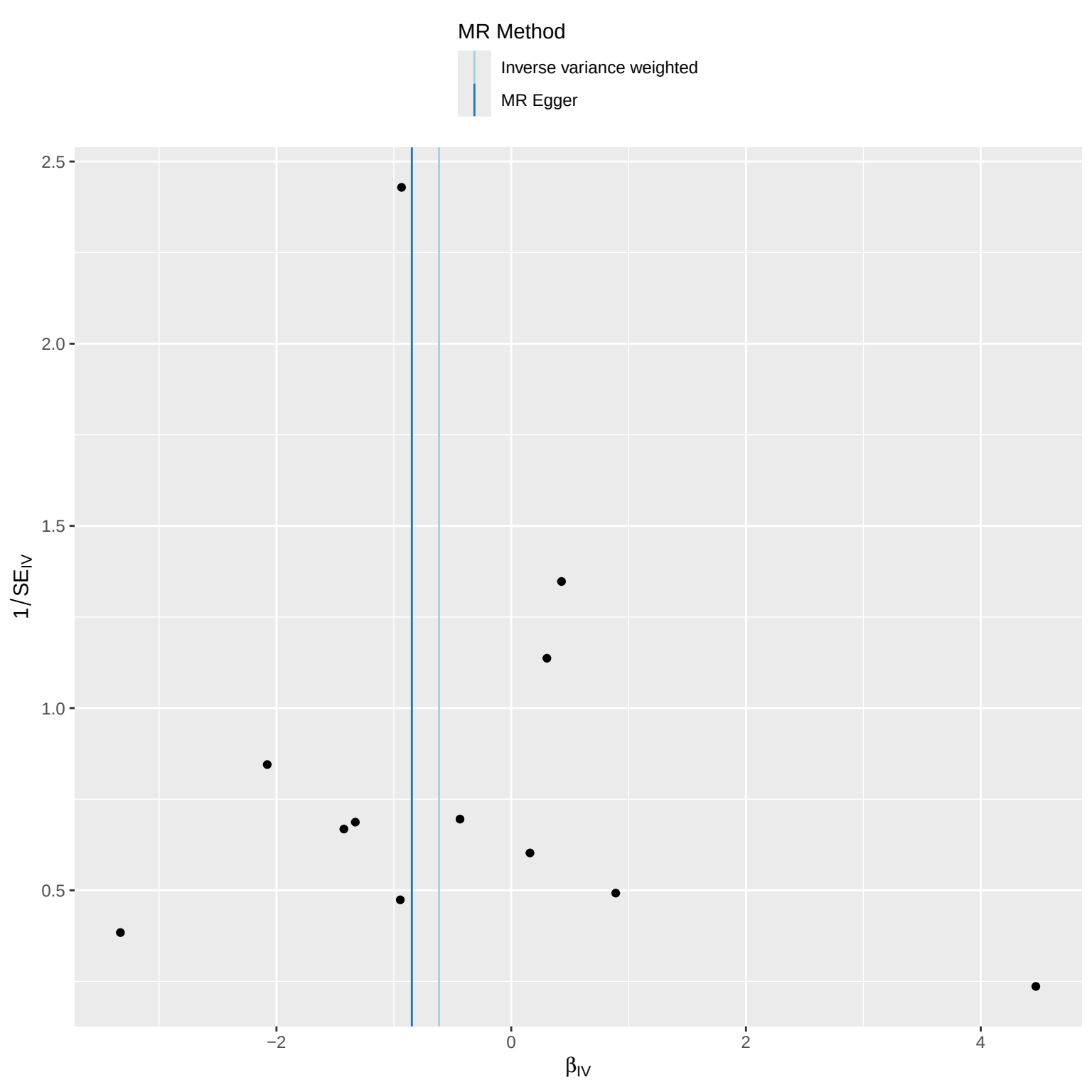

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

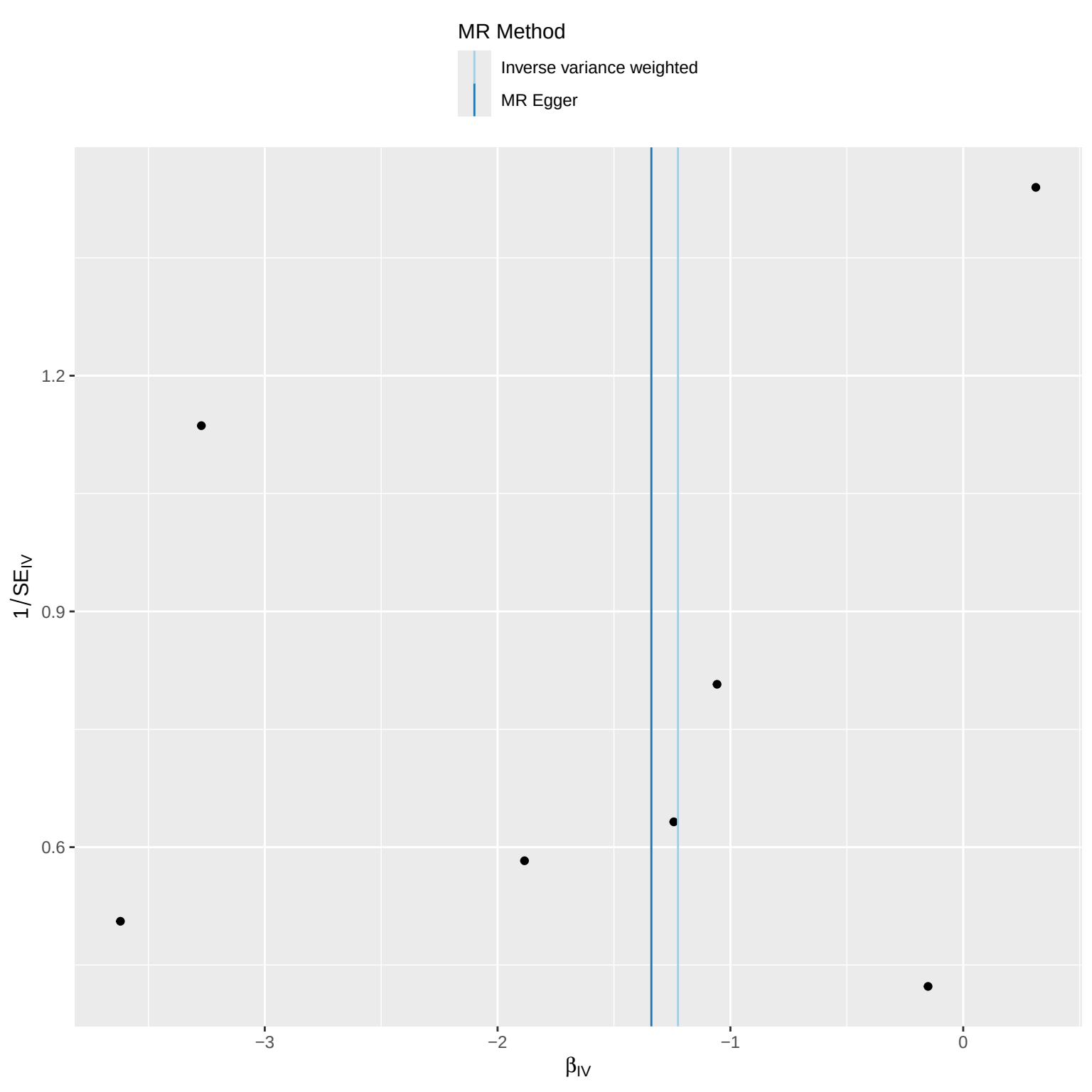

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

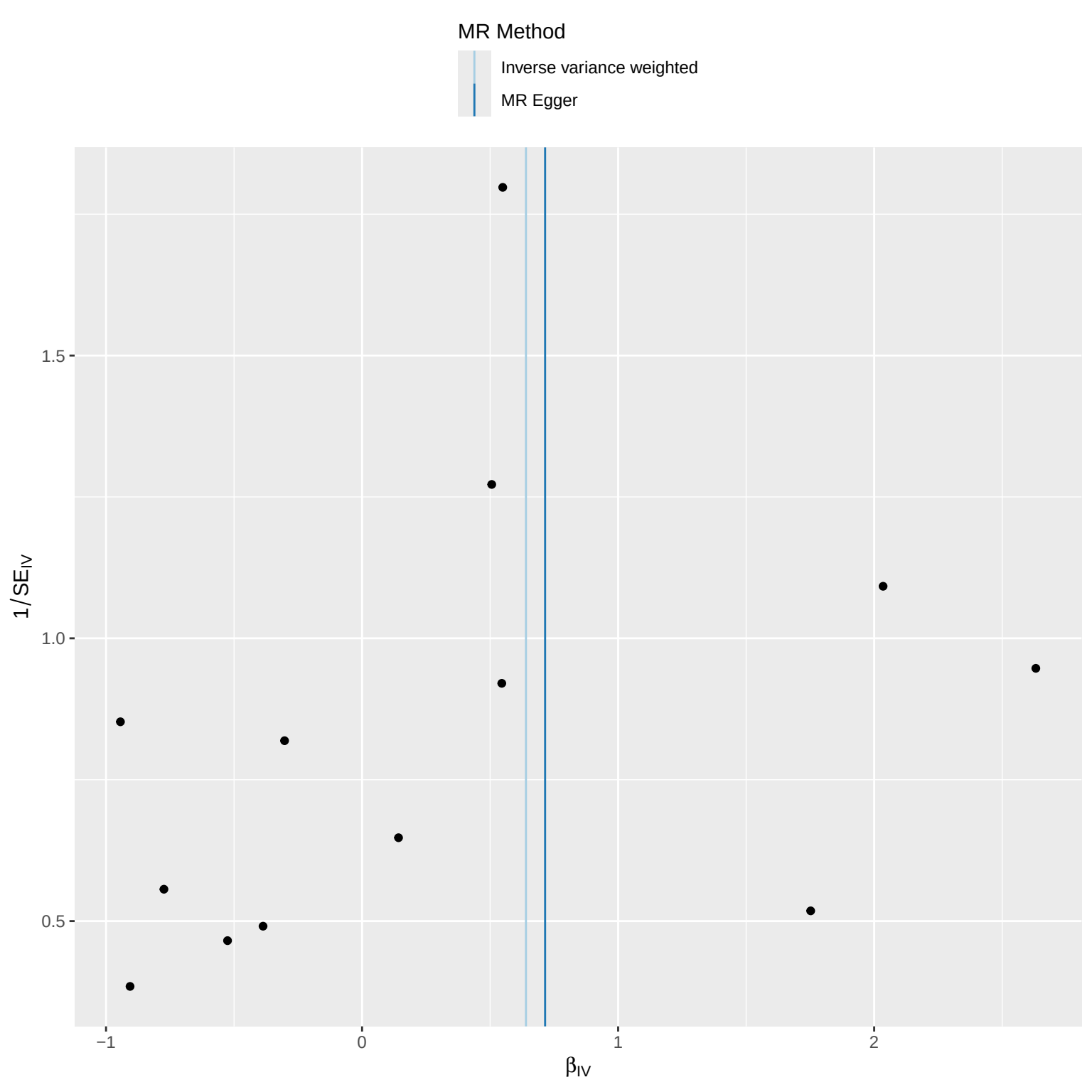

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

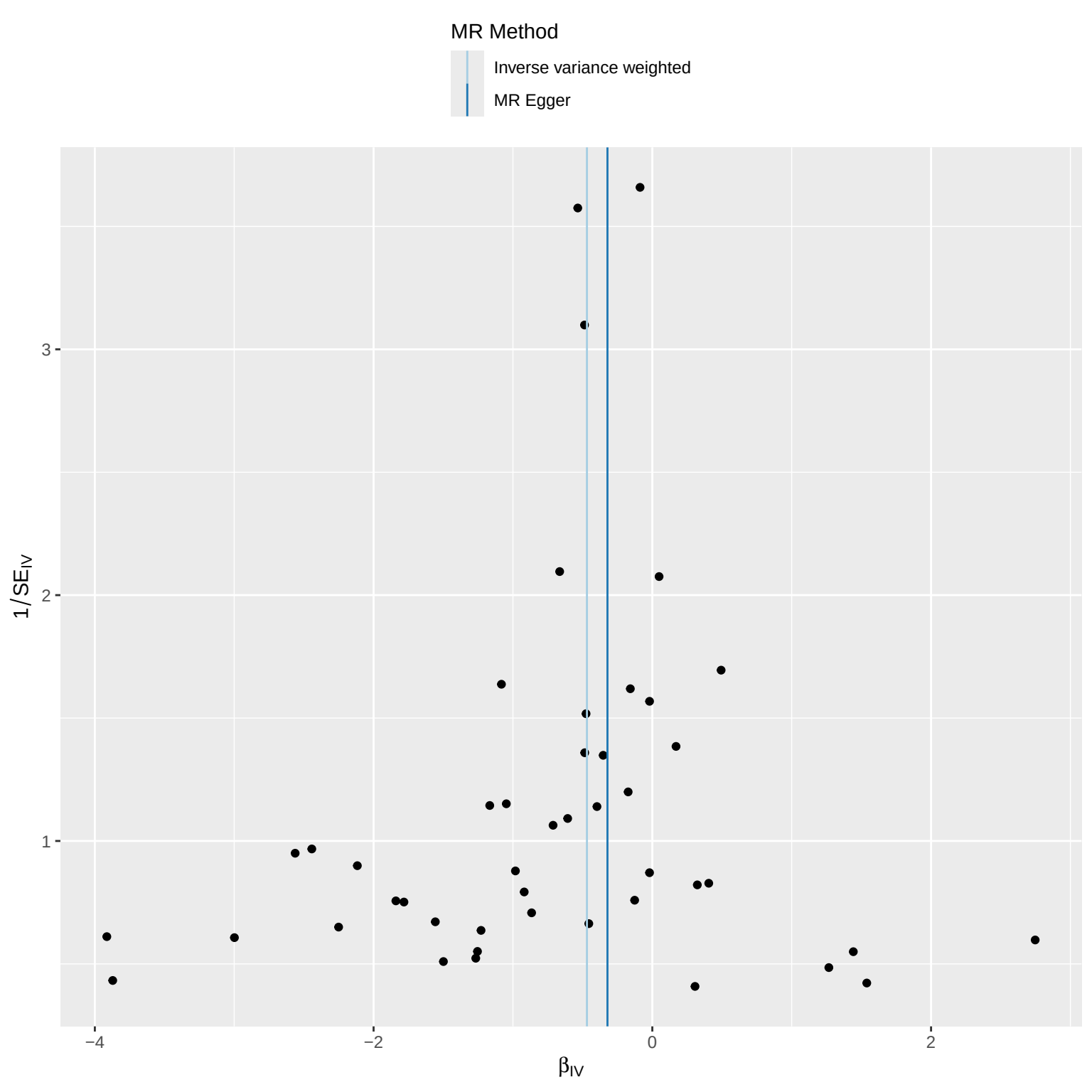

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

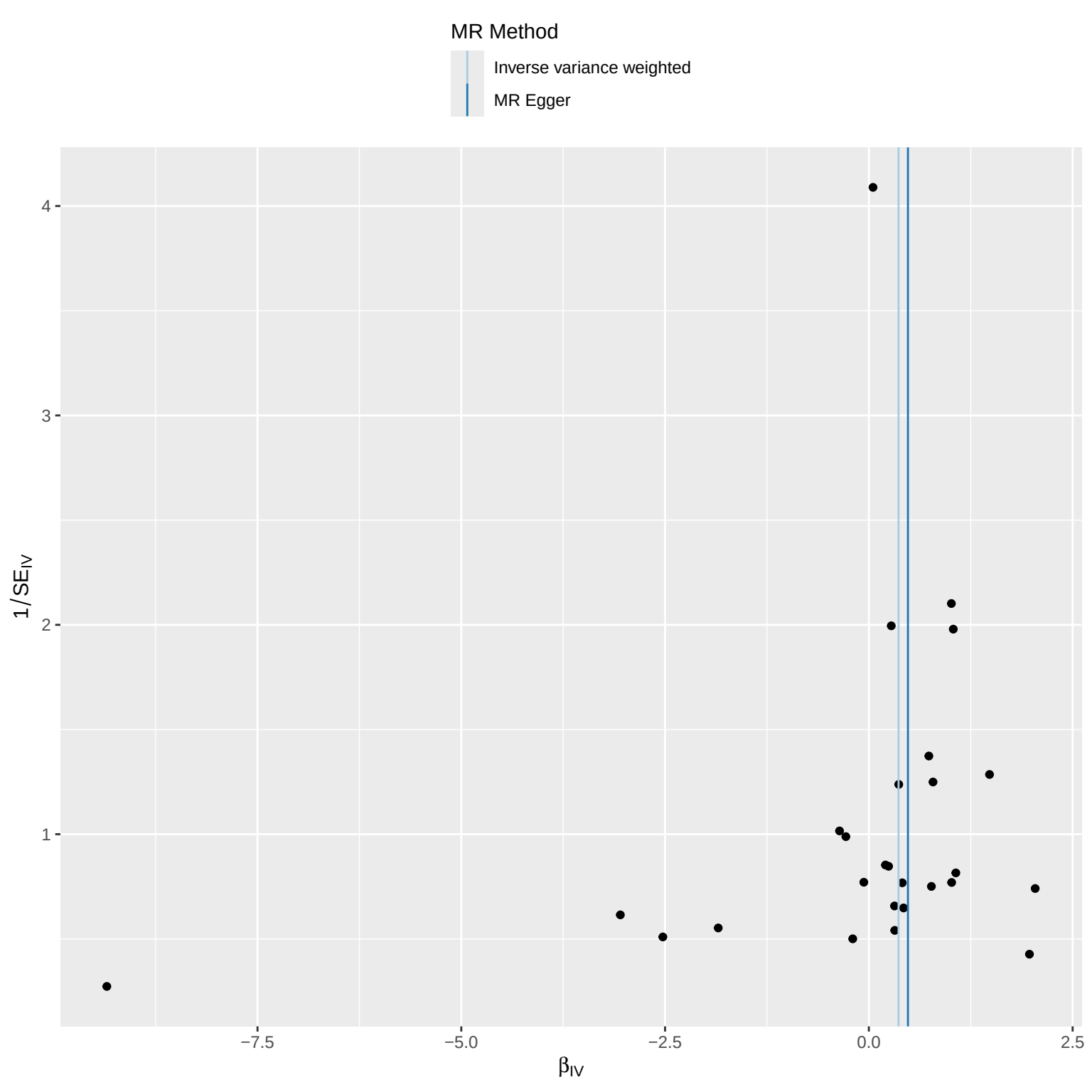

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
1
2
3
β_IV

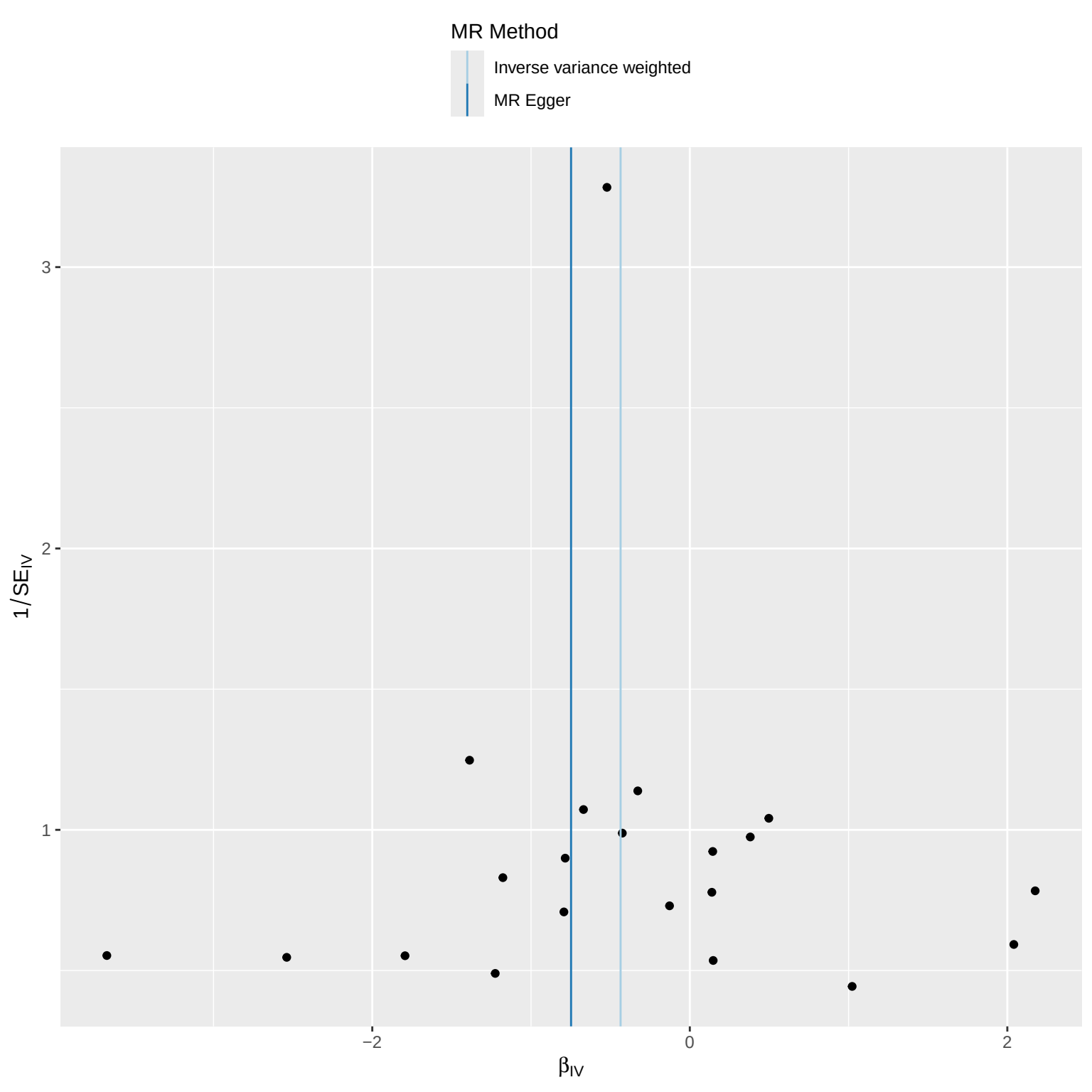

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

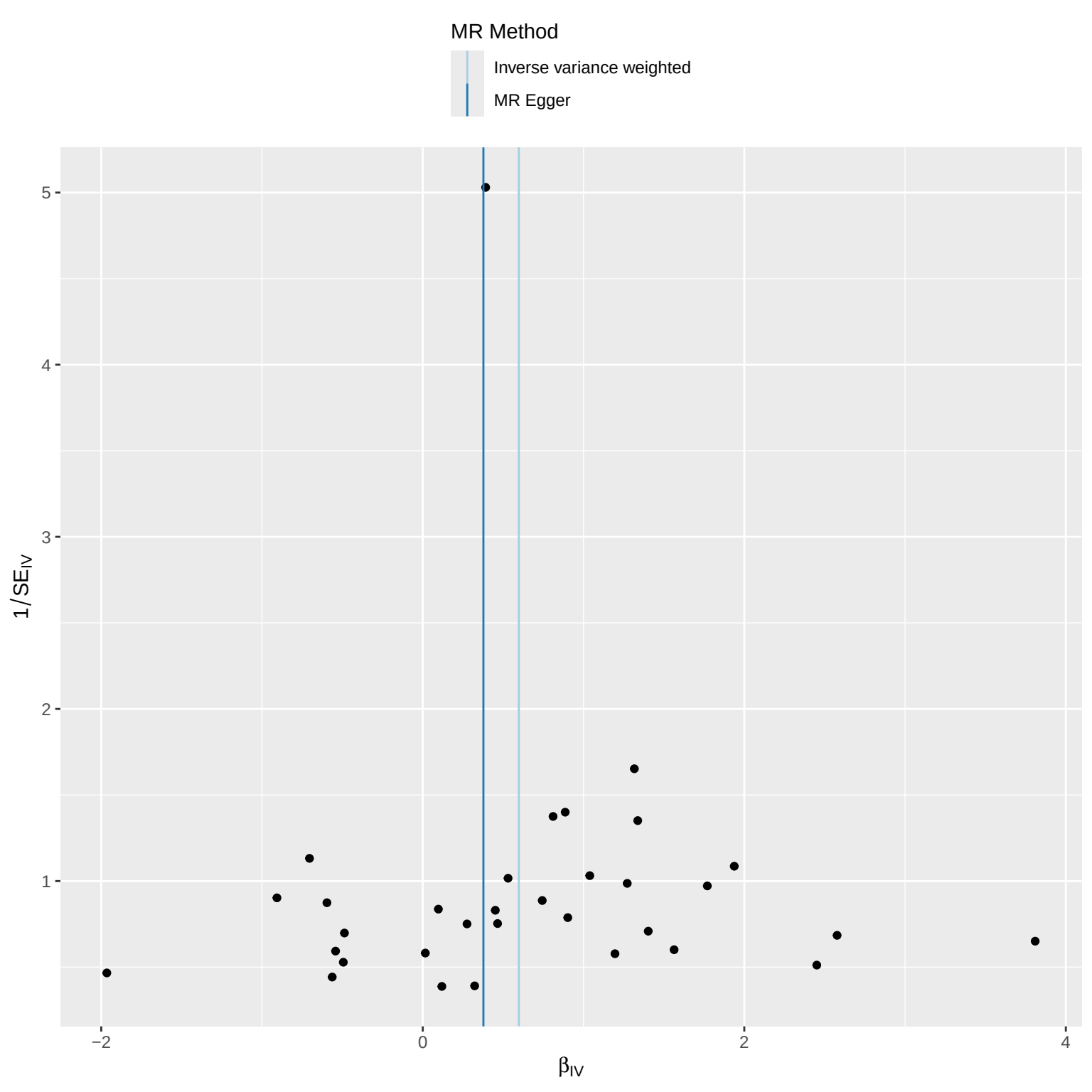

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
β_IV

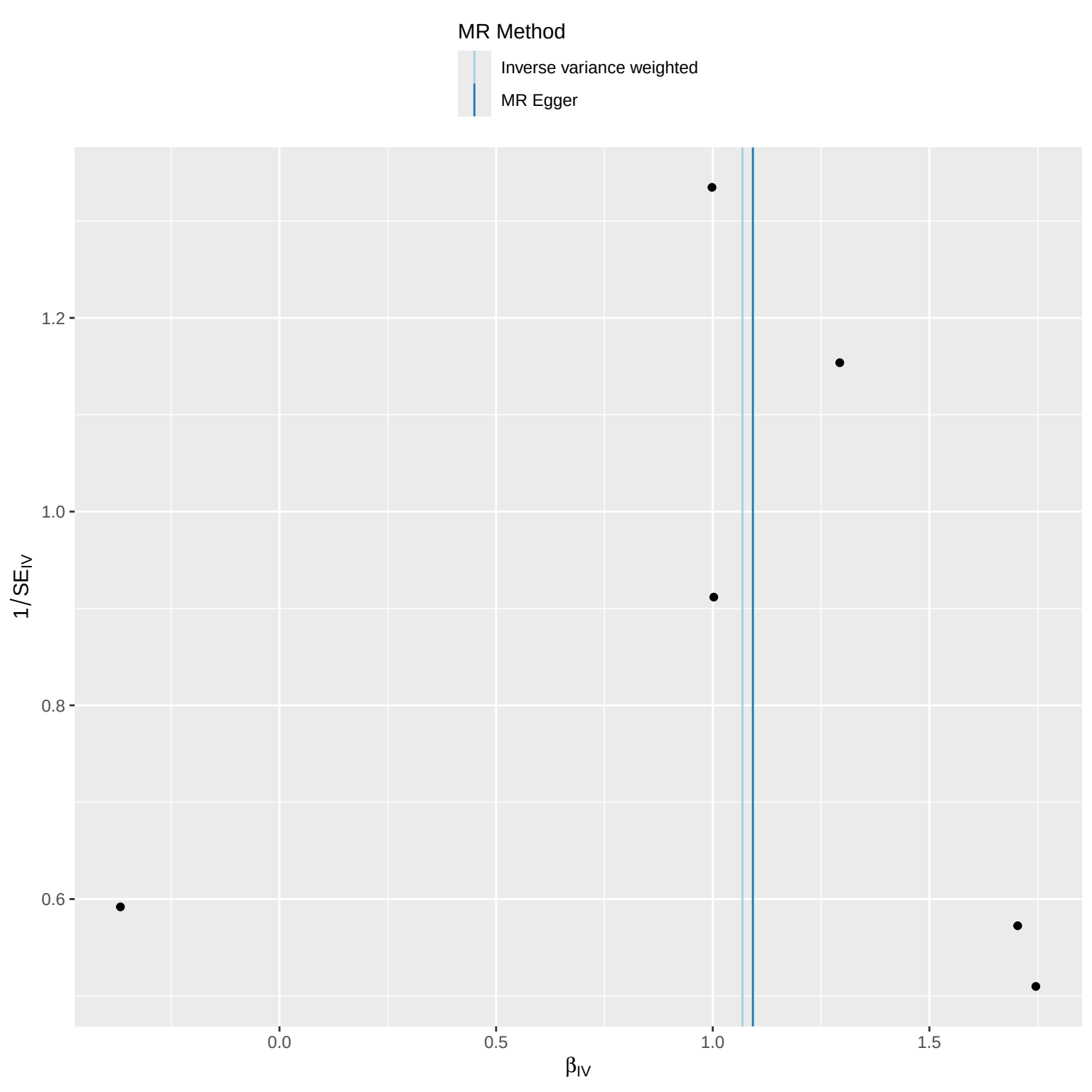

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

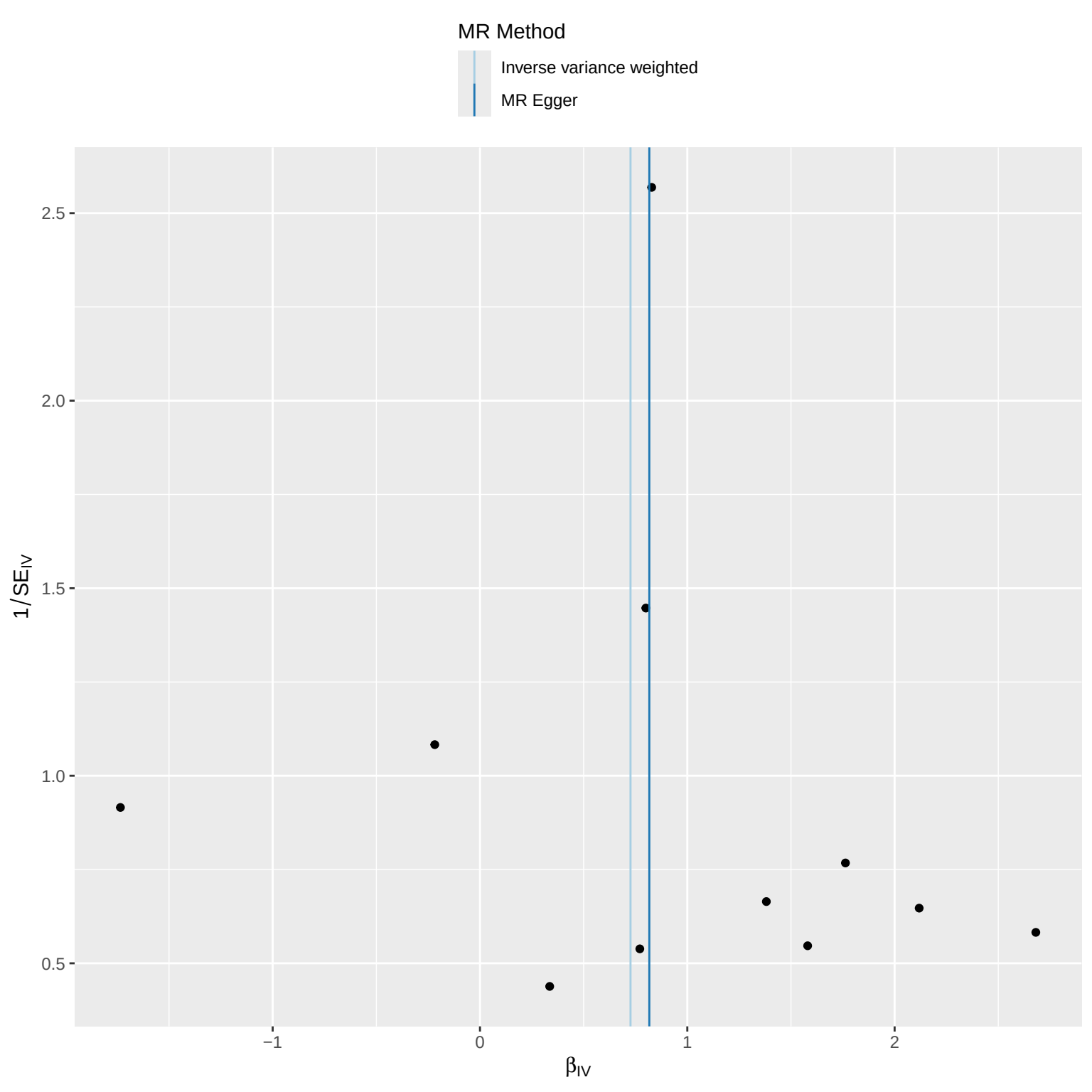

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

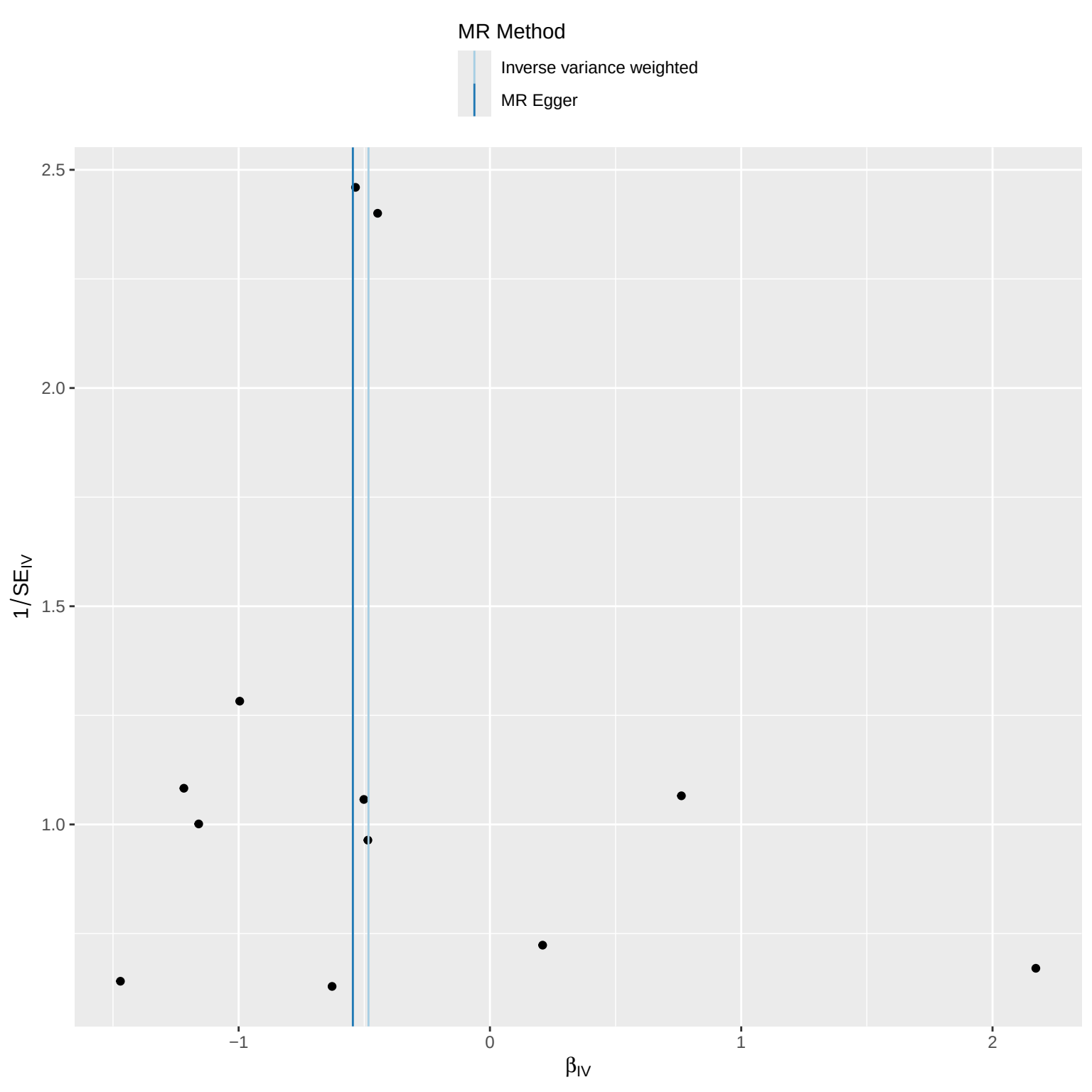

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−7.5
−5.0
−2.5
0.0
2.5
β_{IV}

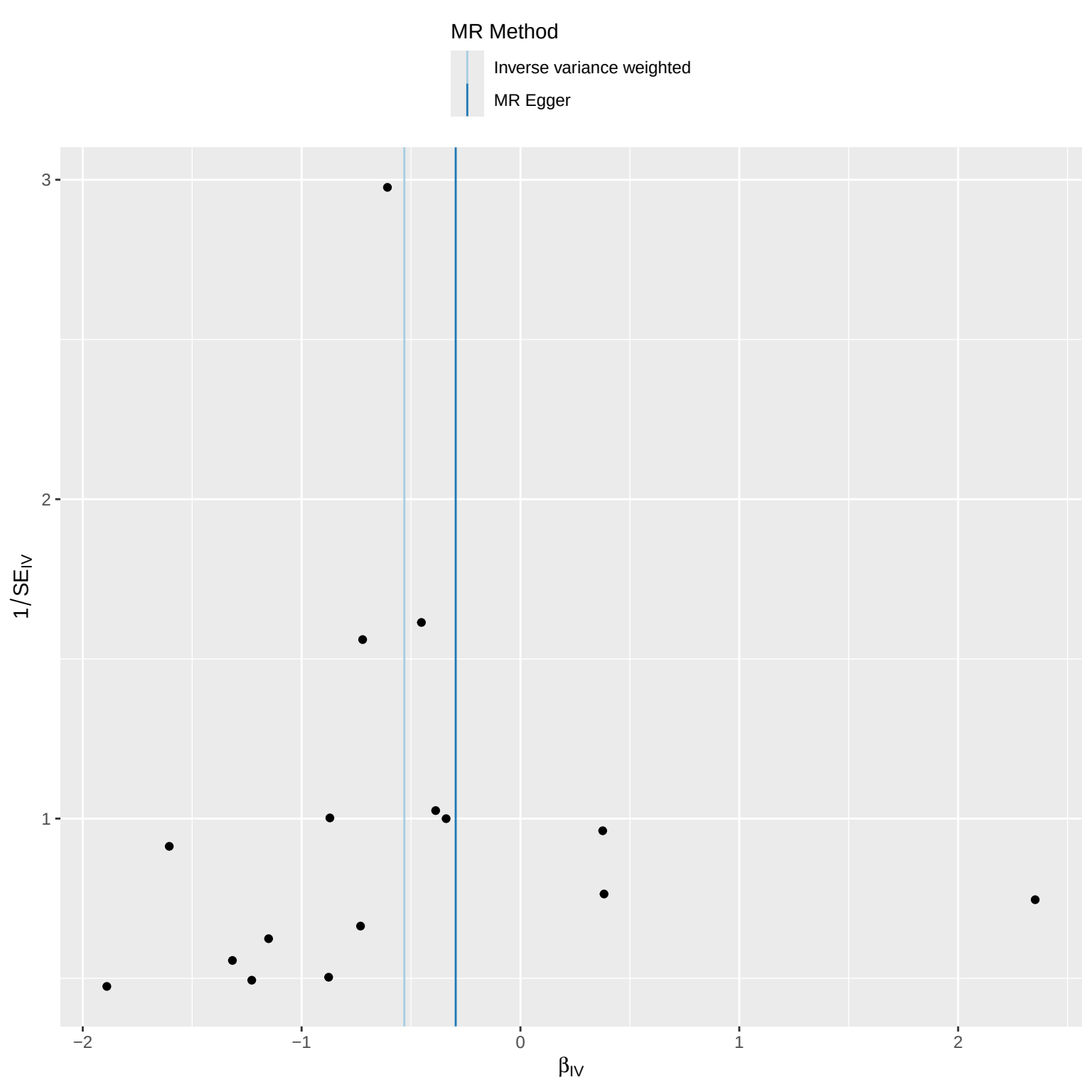

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

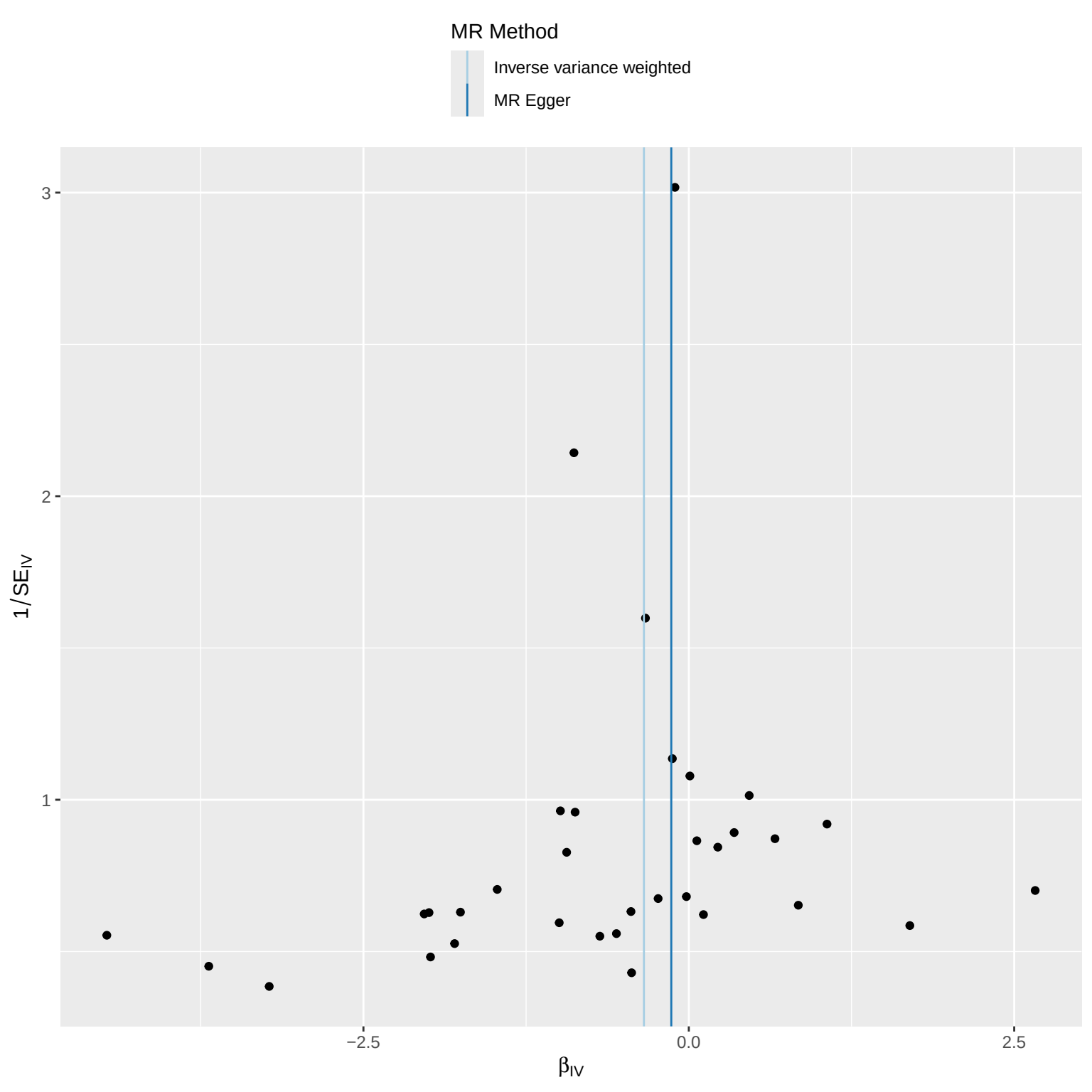

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

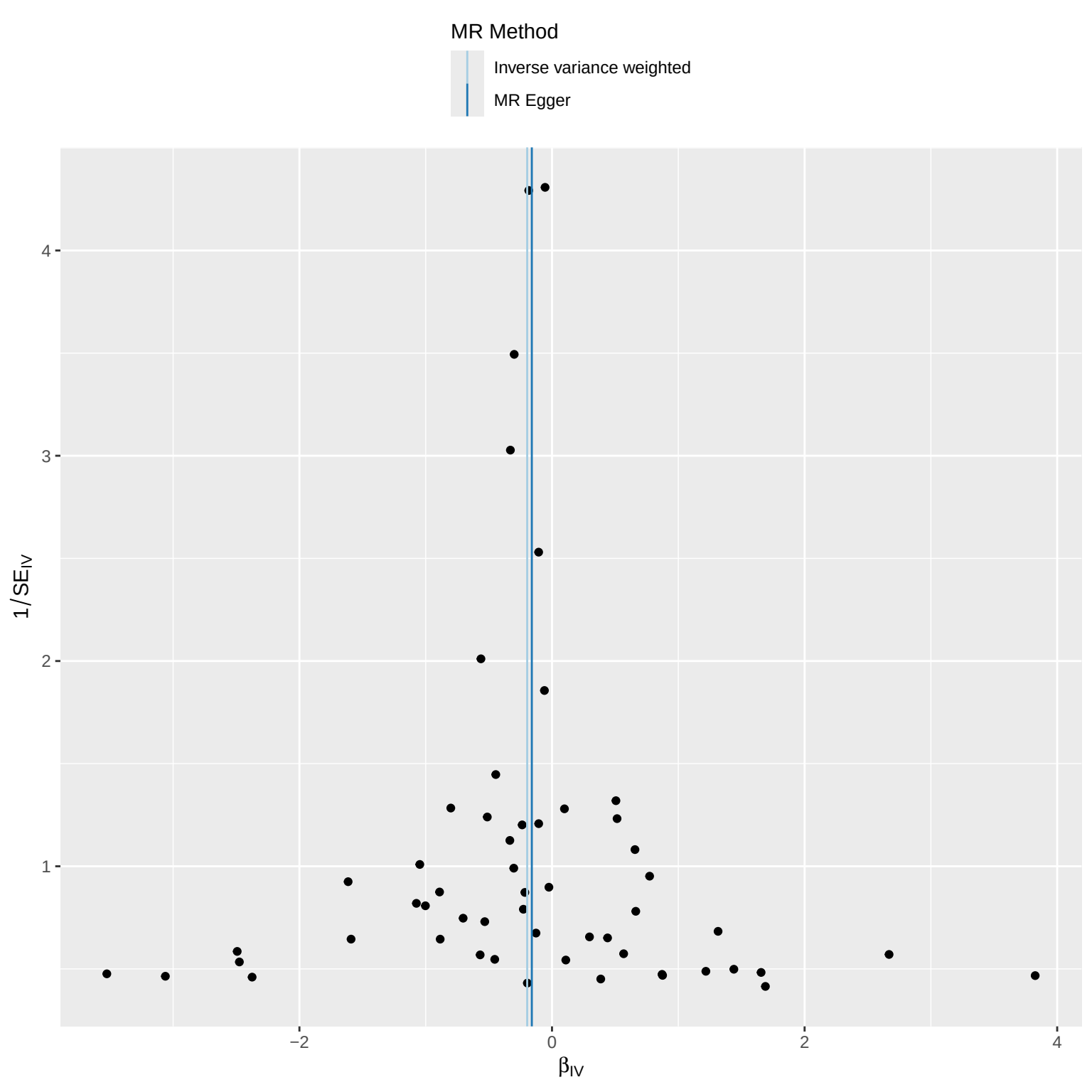

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

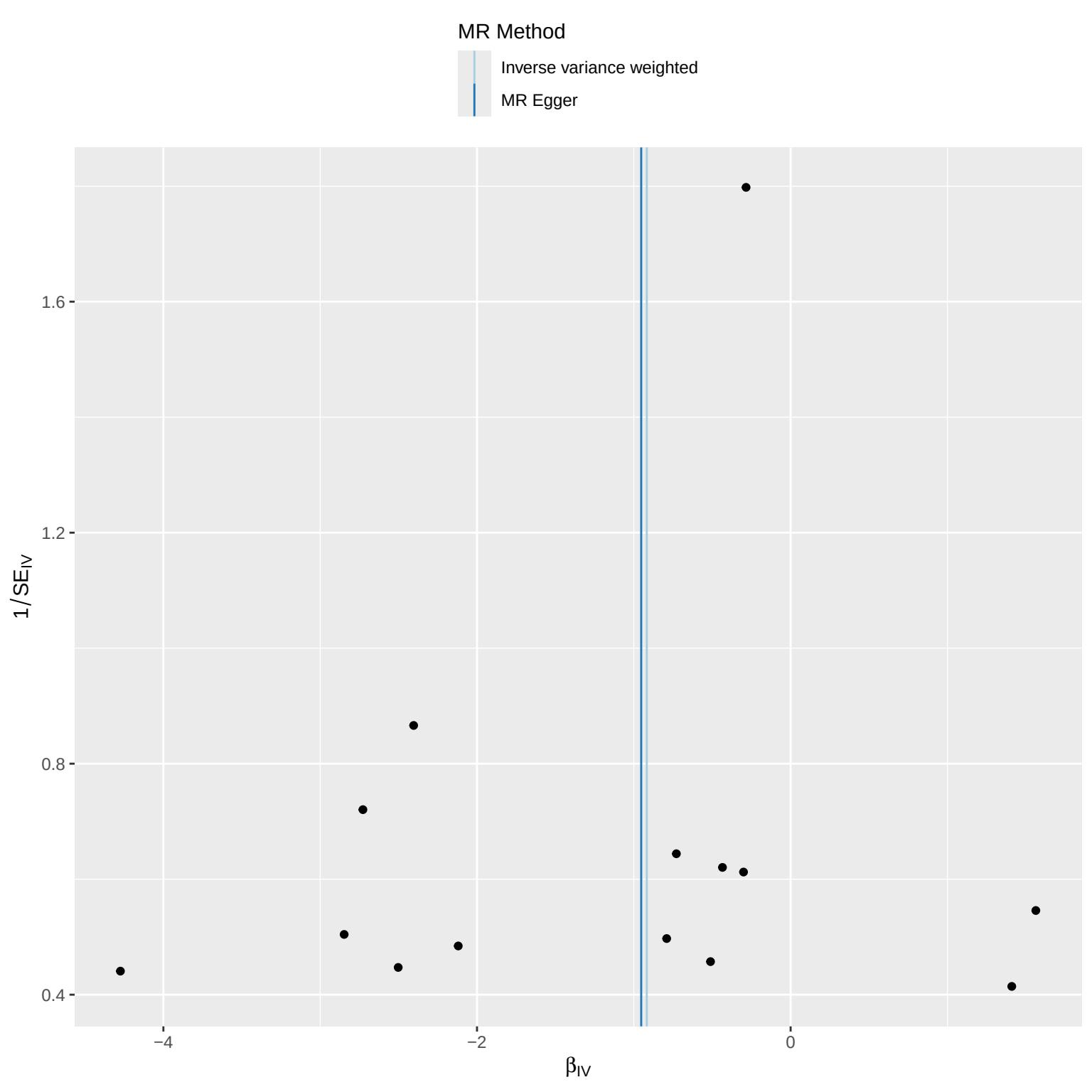

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

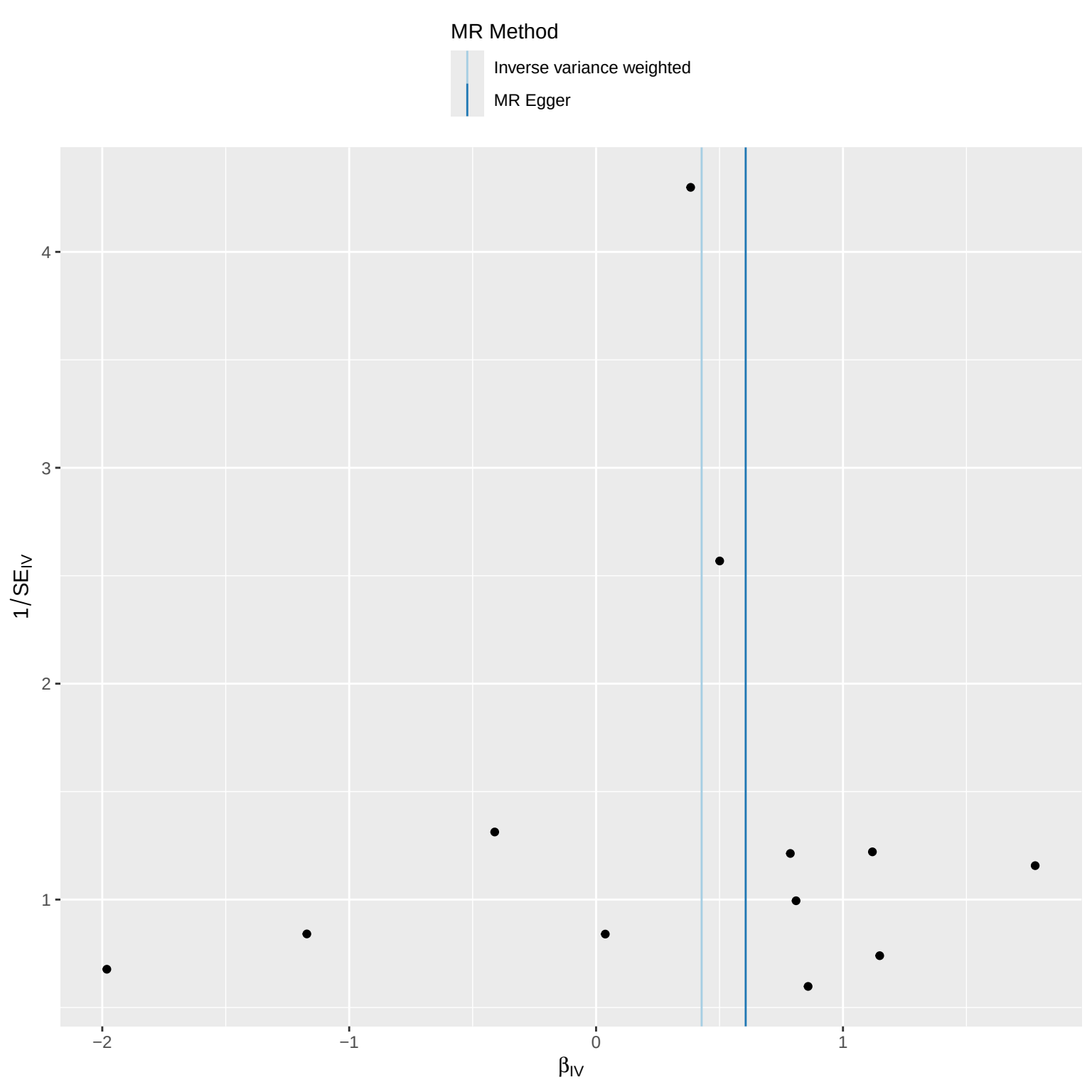

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

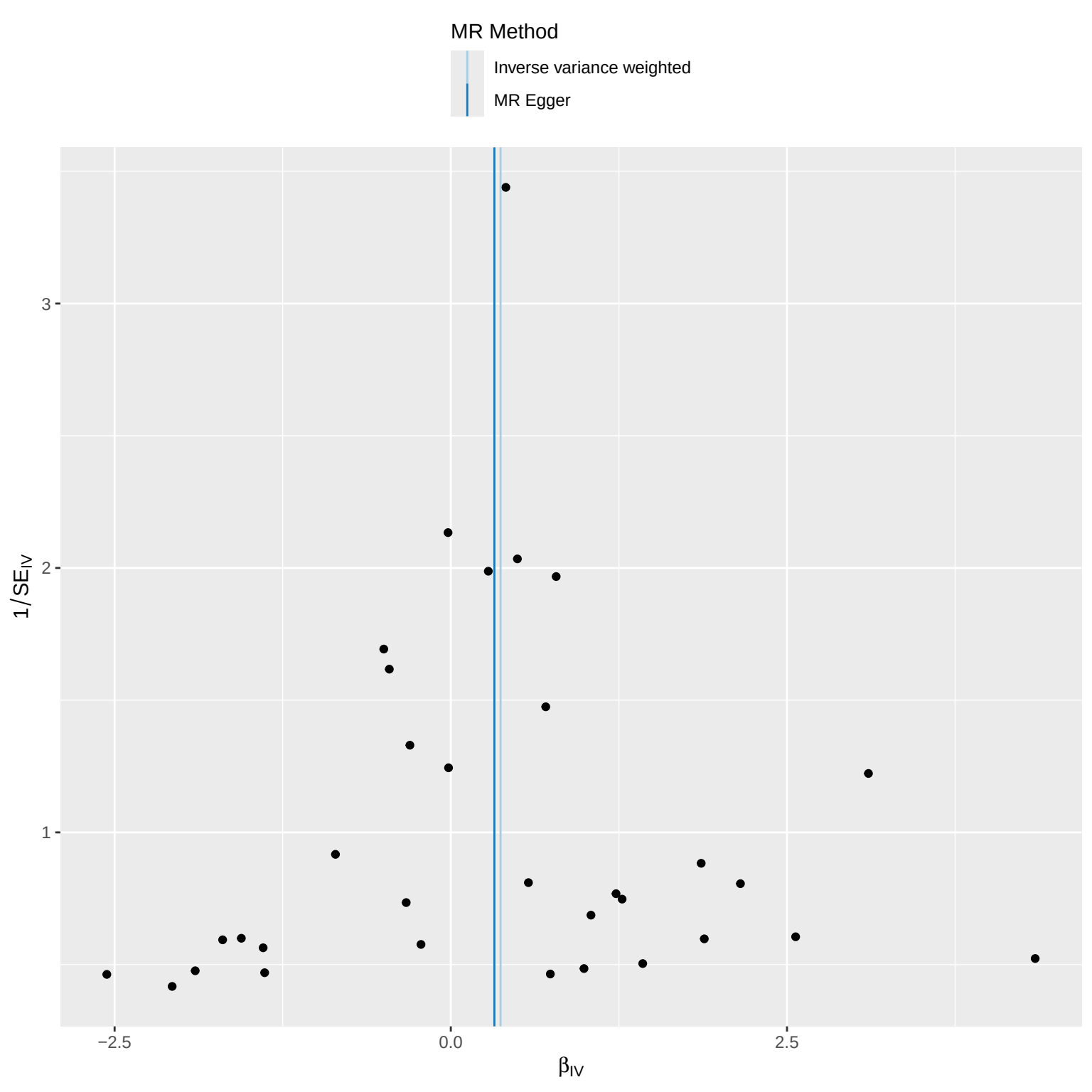

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

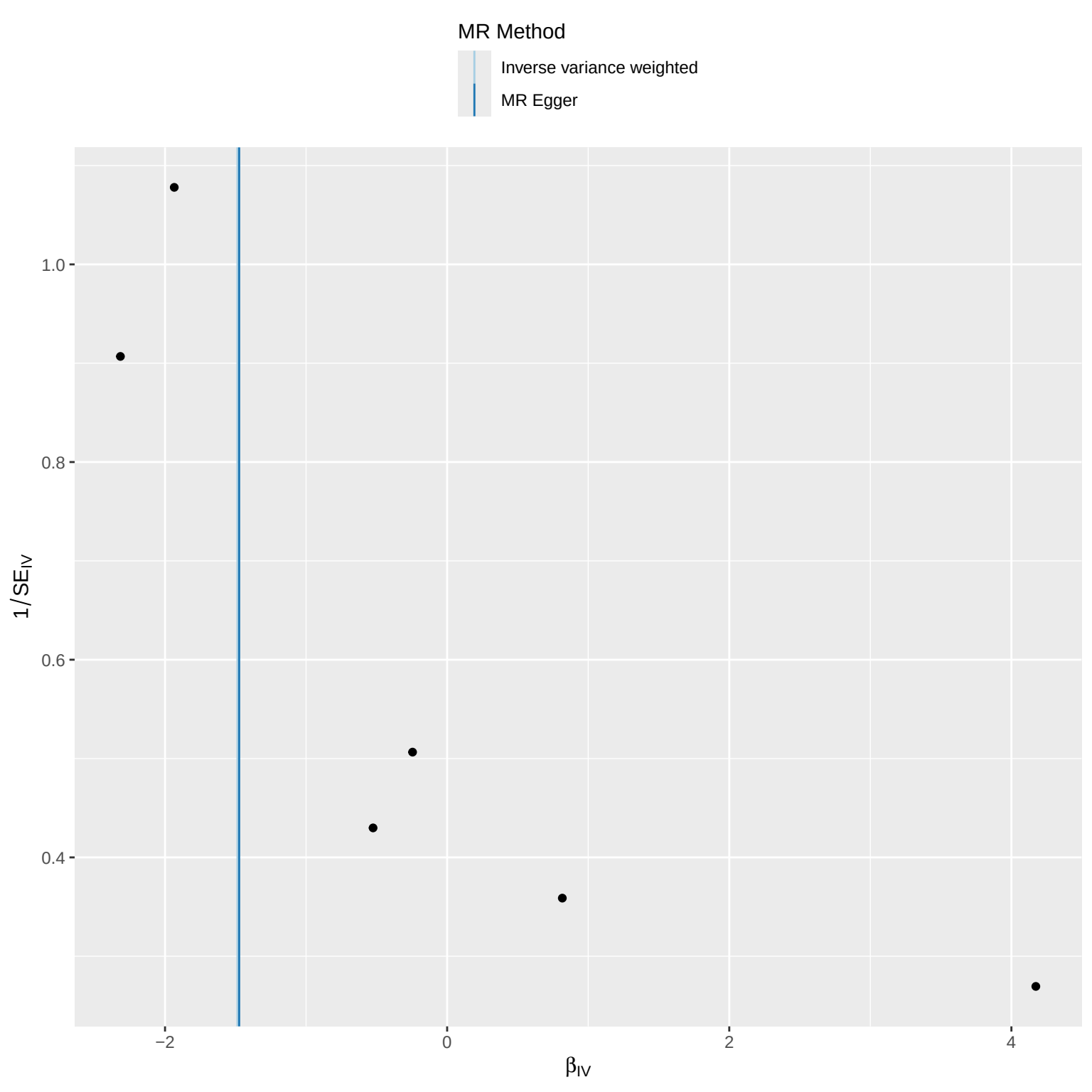

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

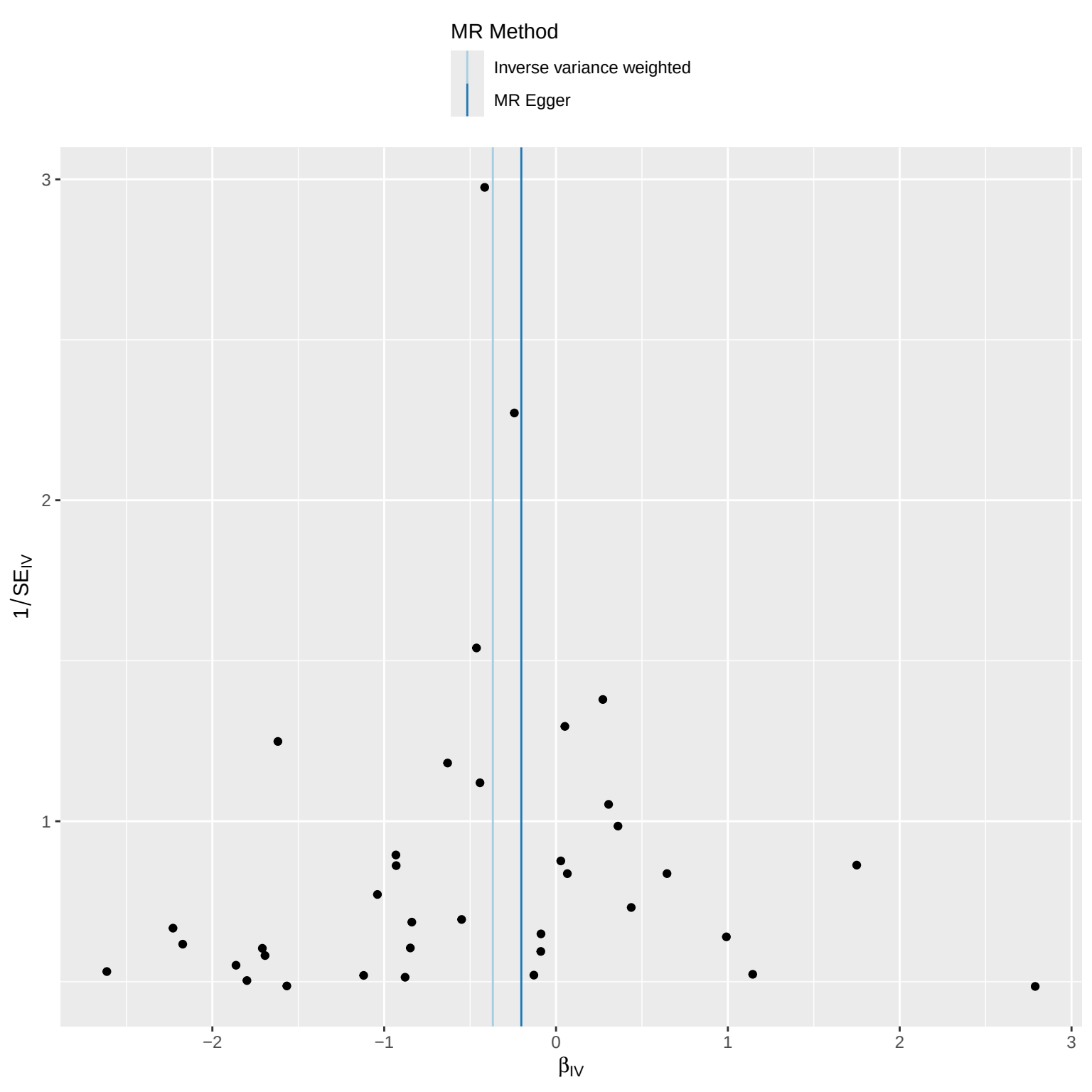

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

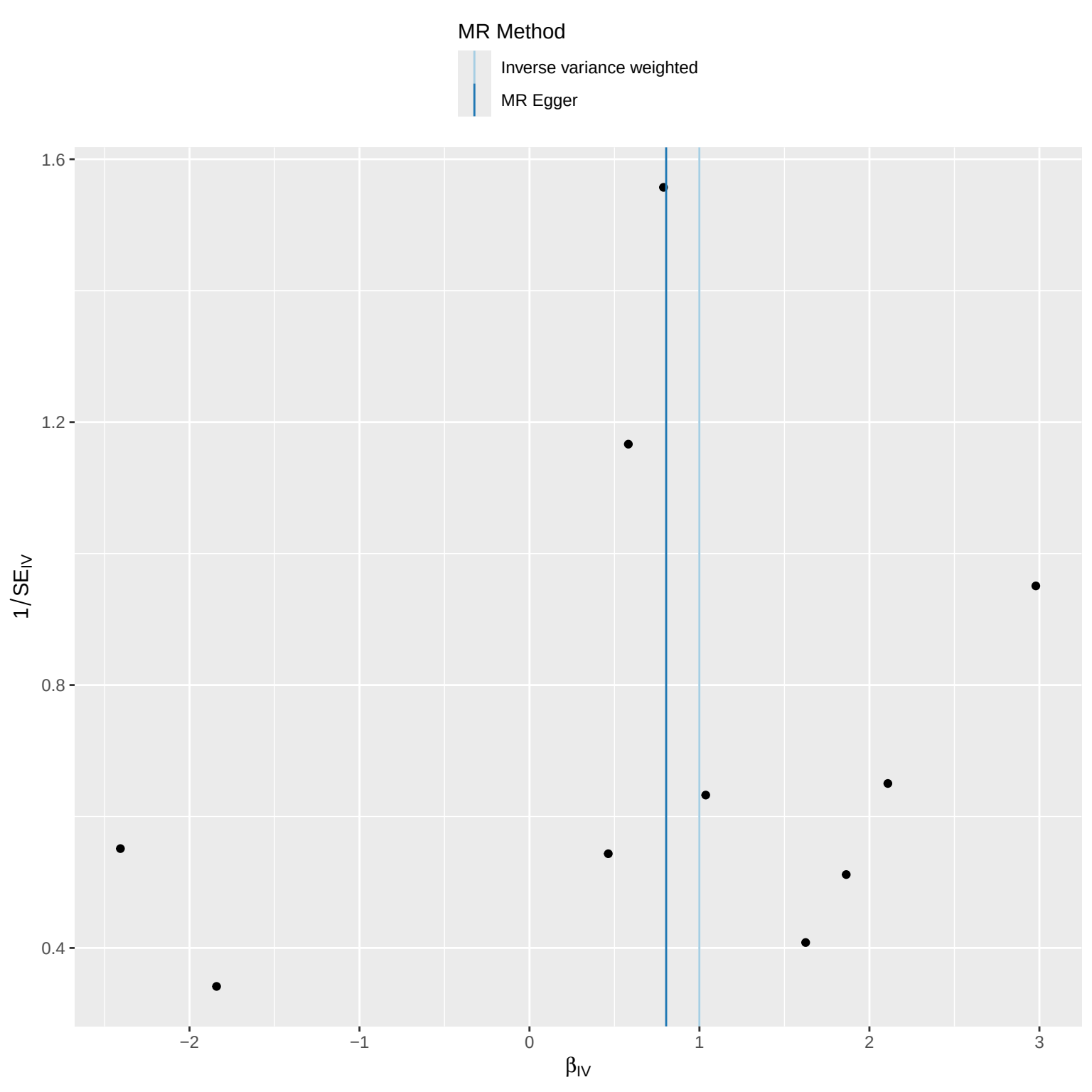

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
β_IV

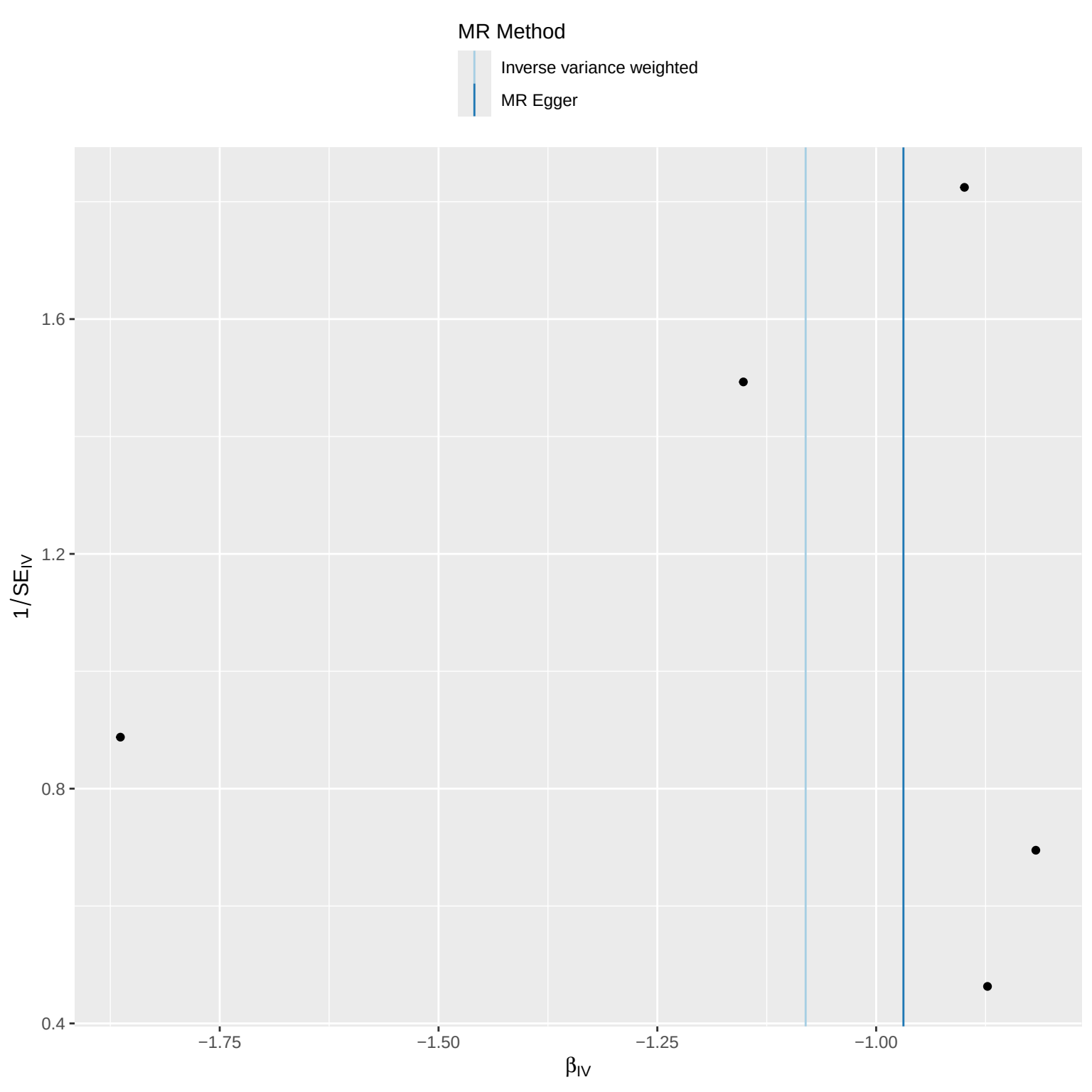

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

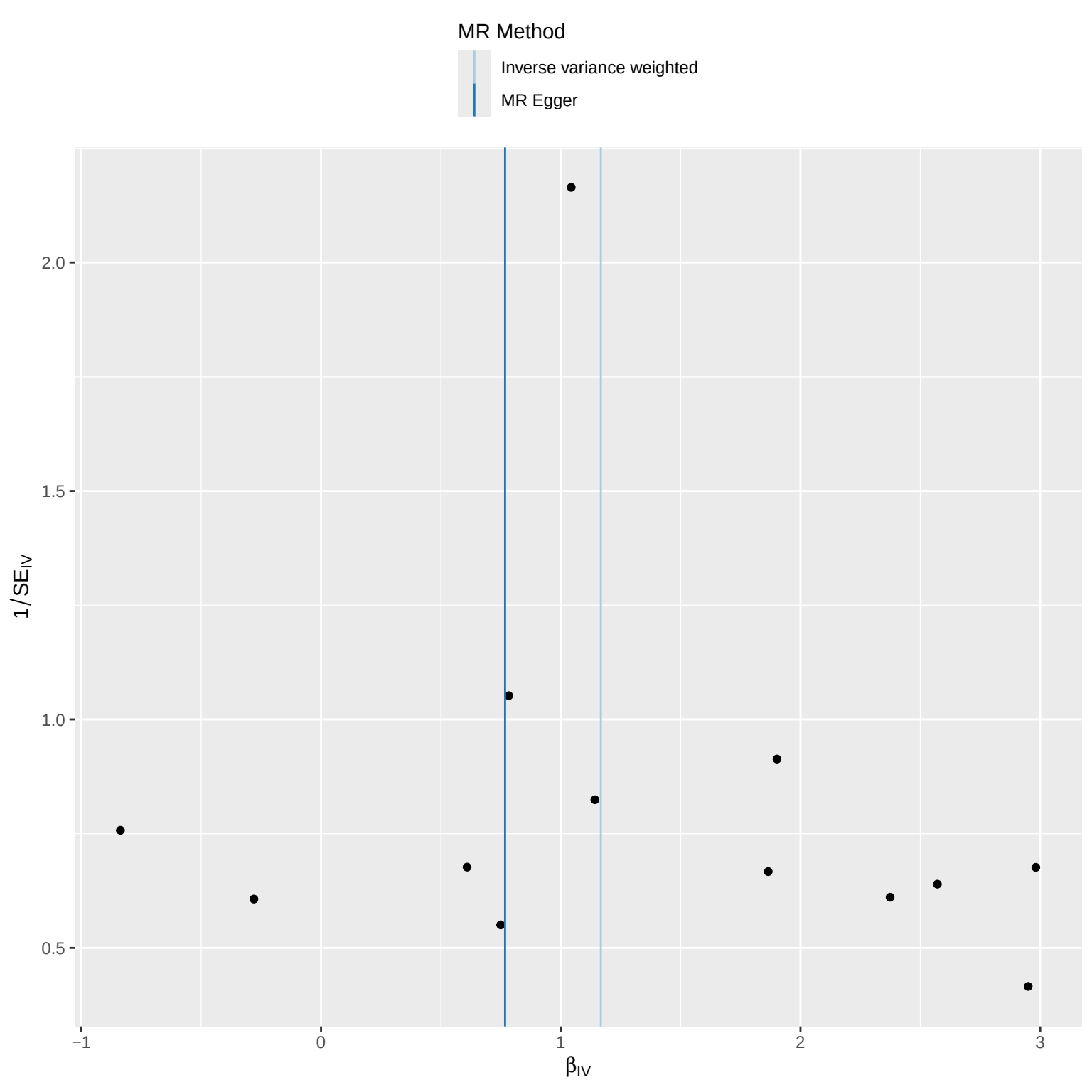

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

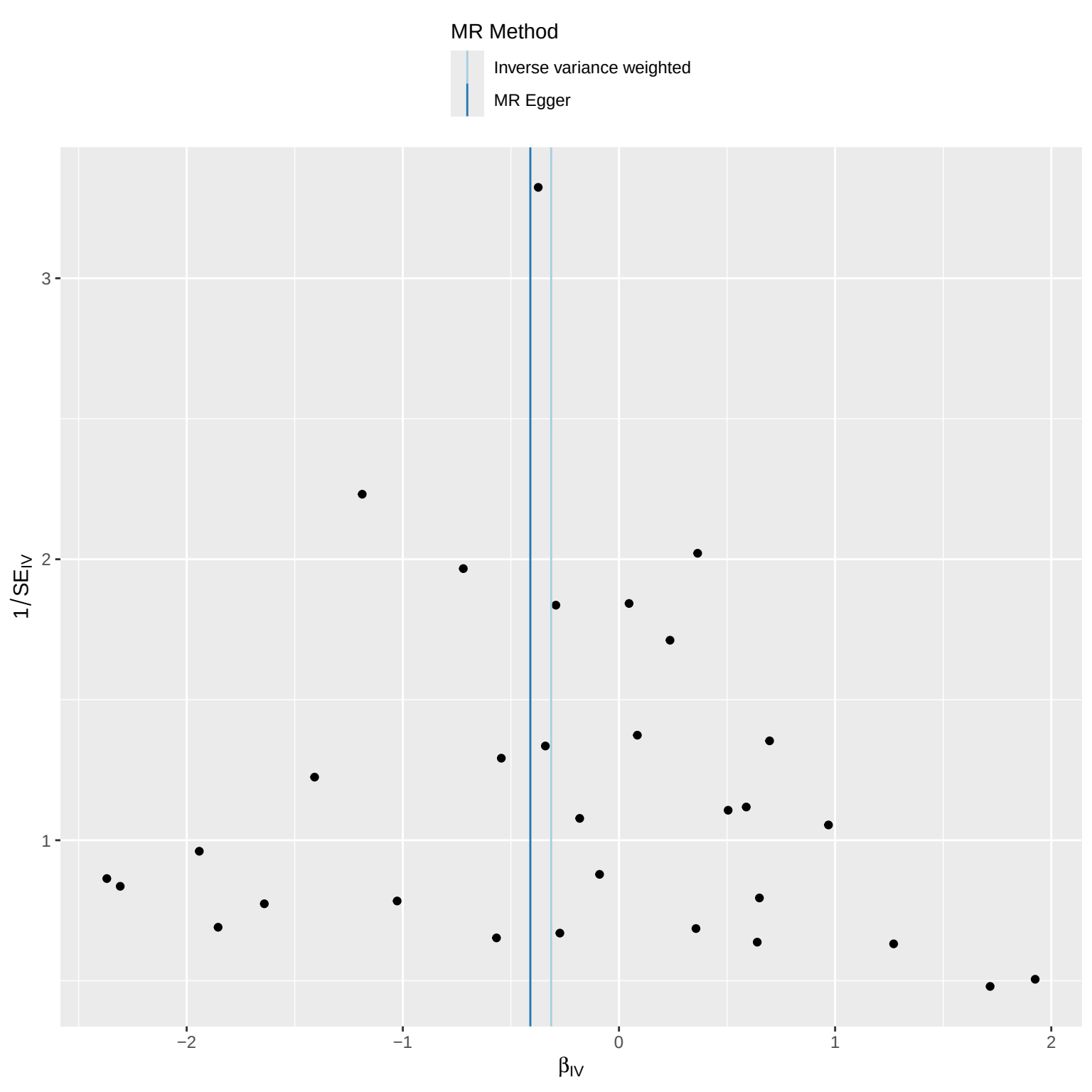

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
4
β_IV

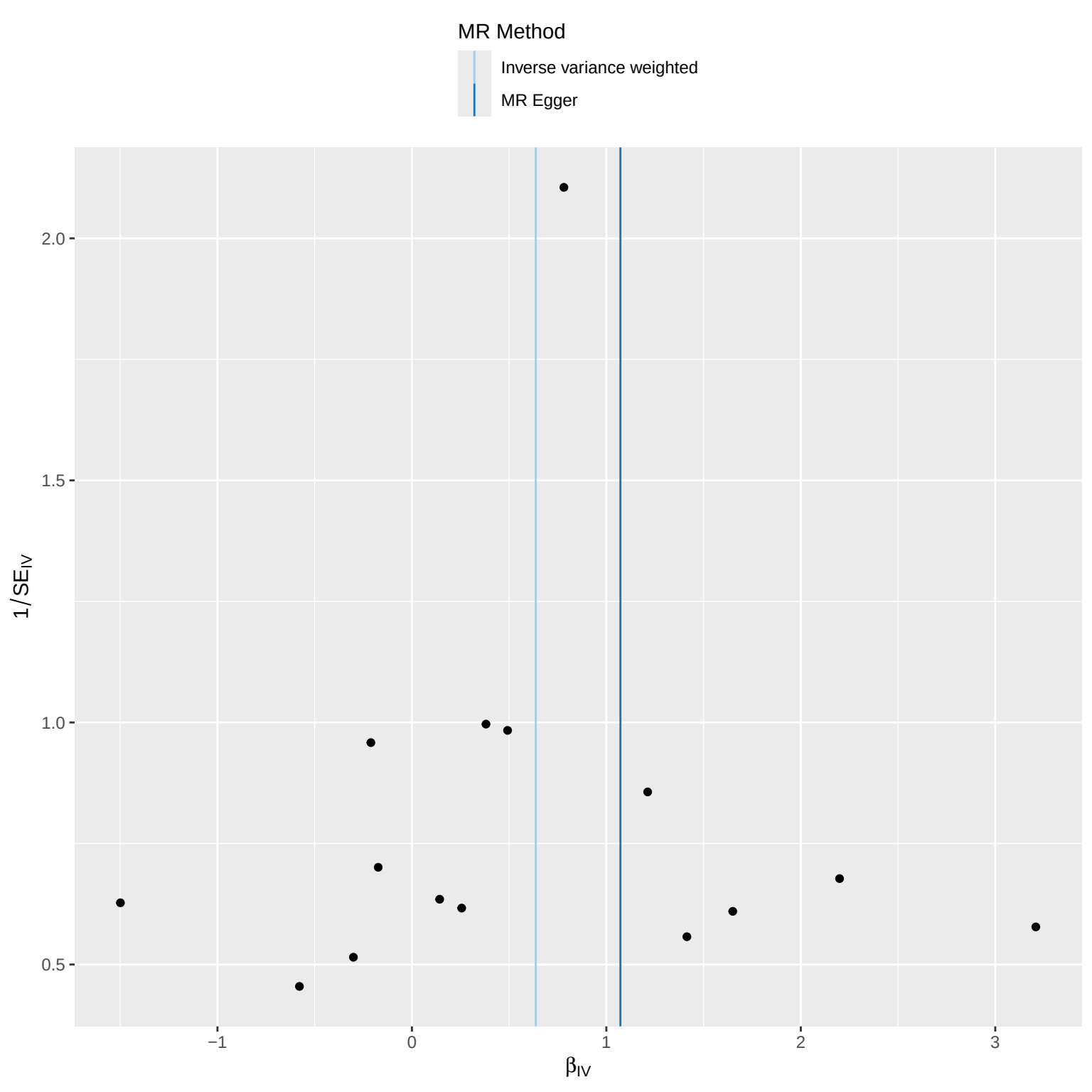

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

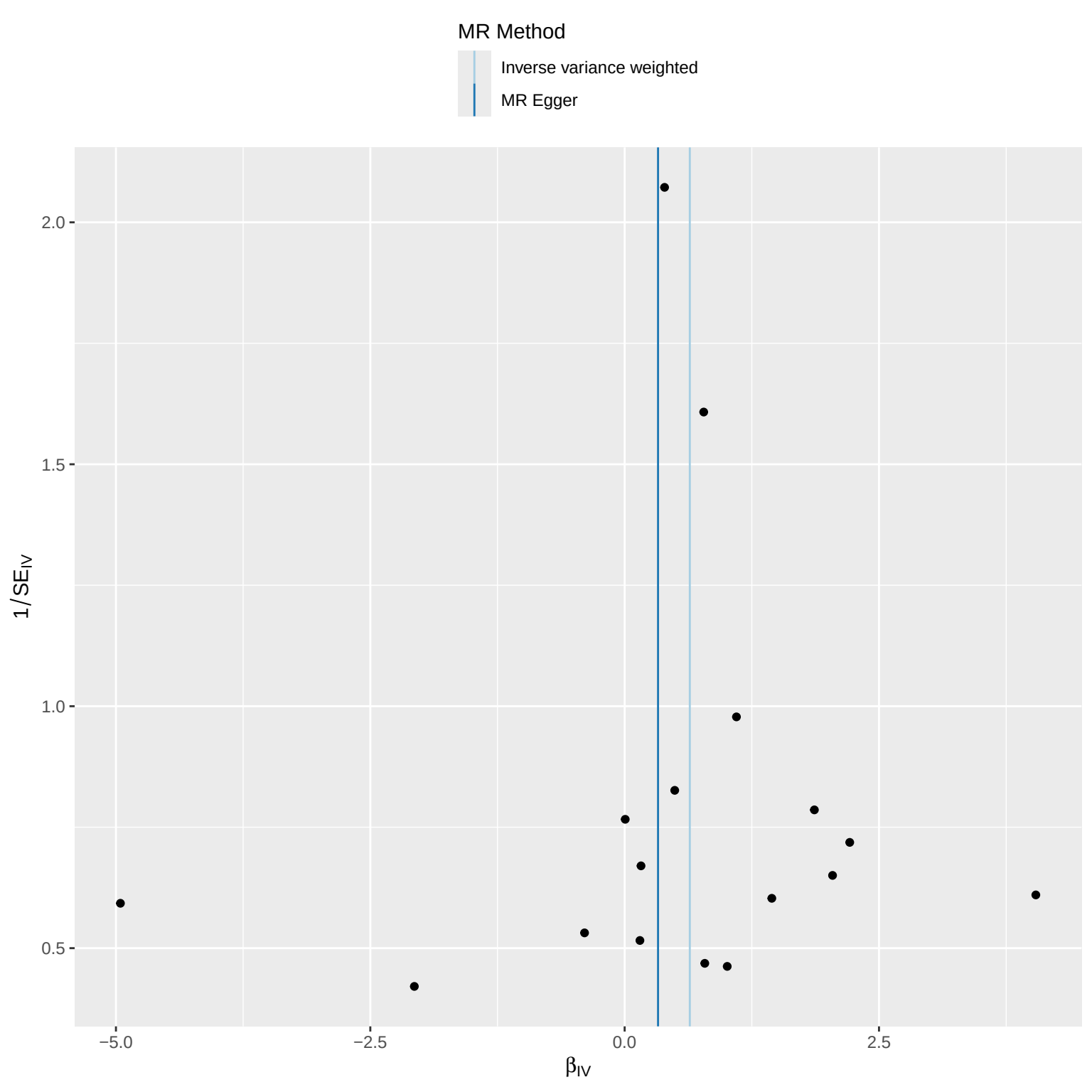

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
2
3
β_IV

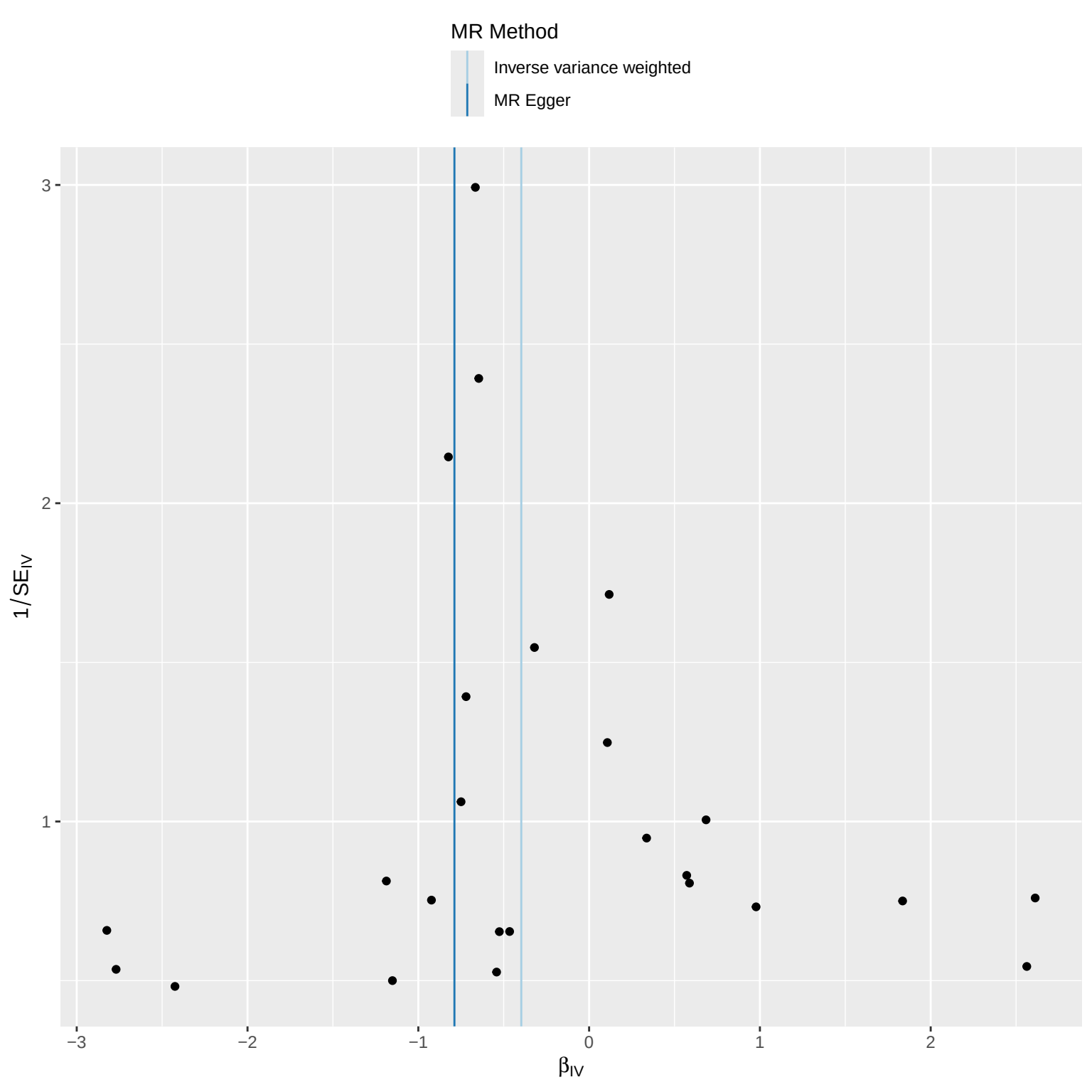

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1.75
−1.50
−1.25
−1.00
β_IV

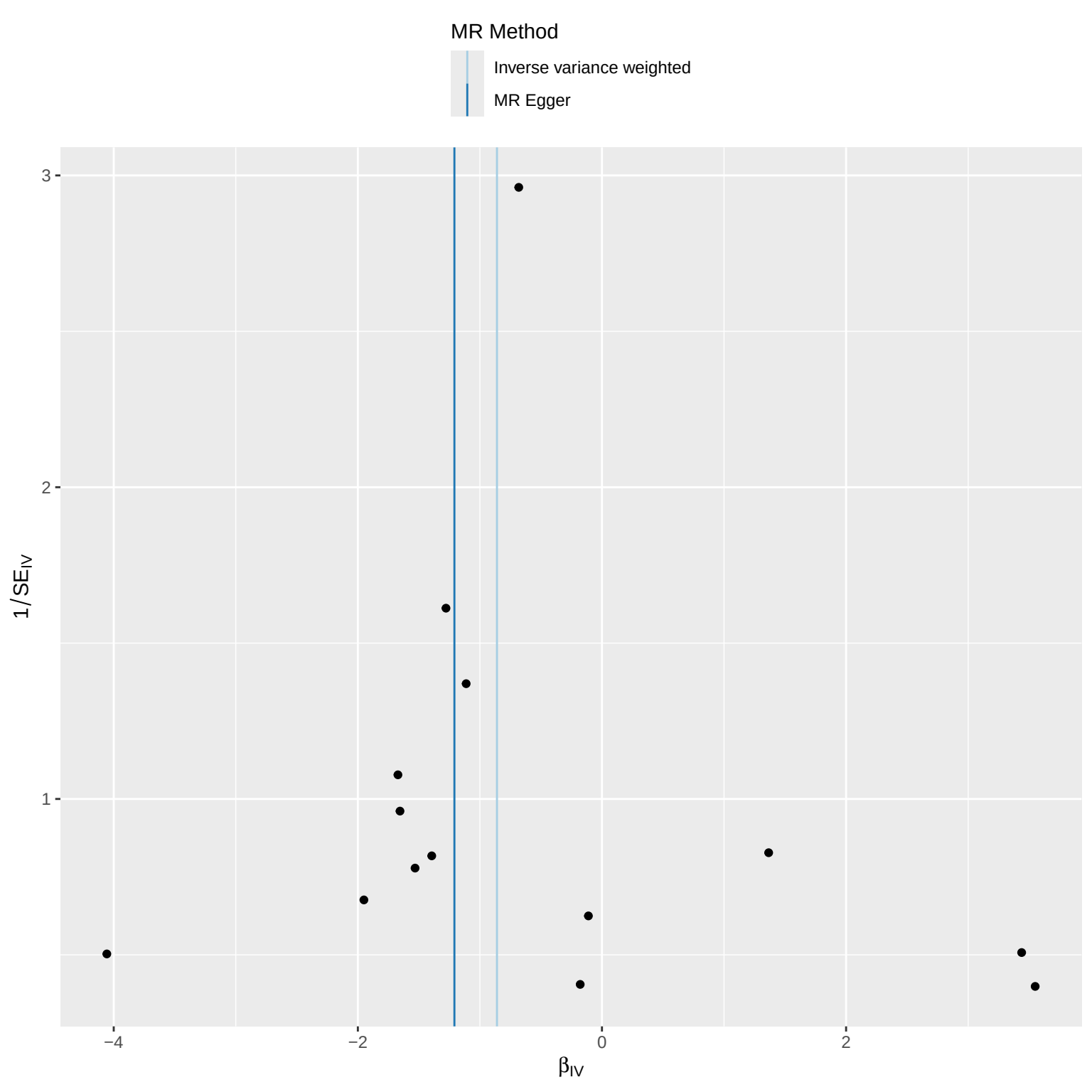

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

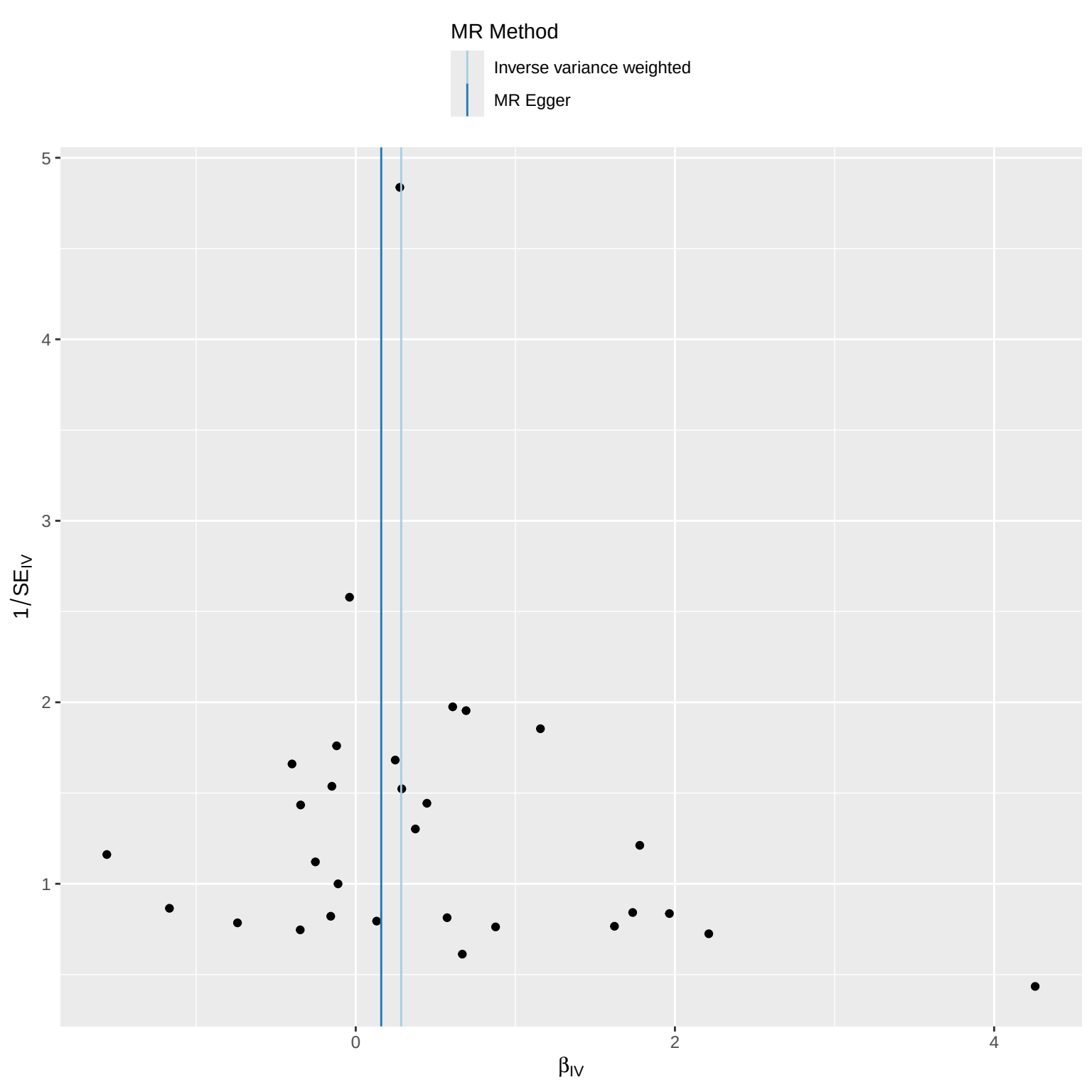

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

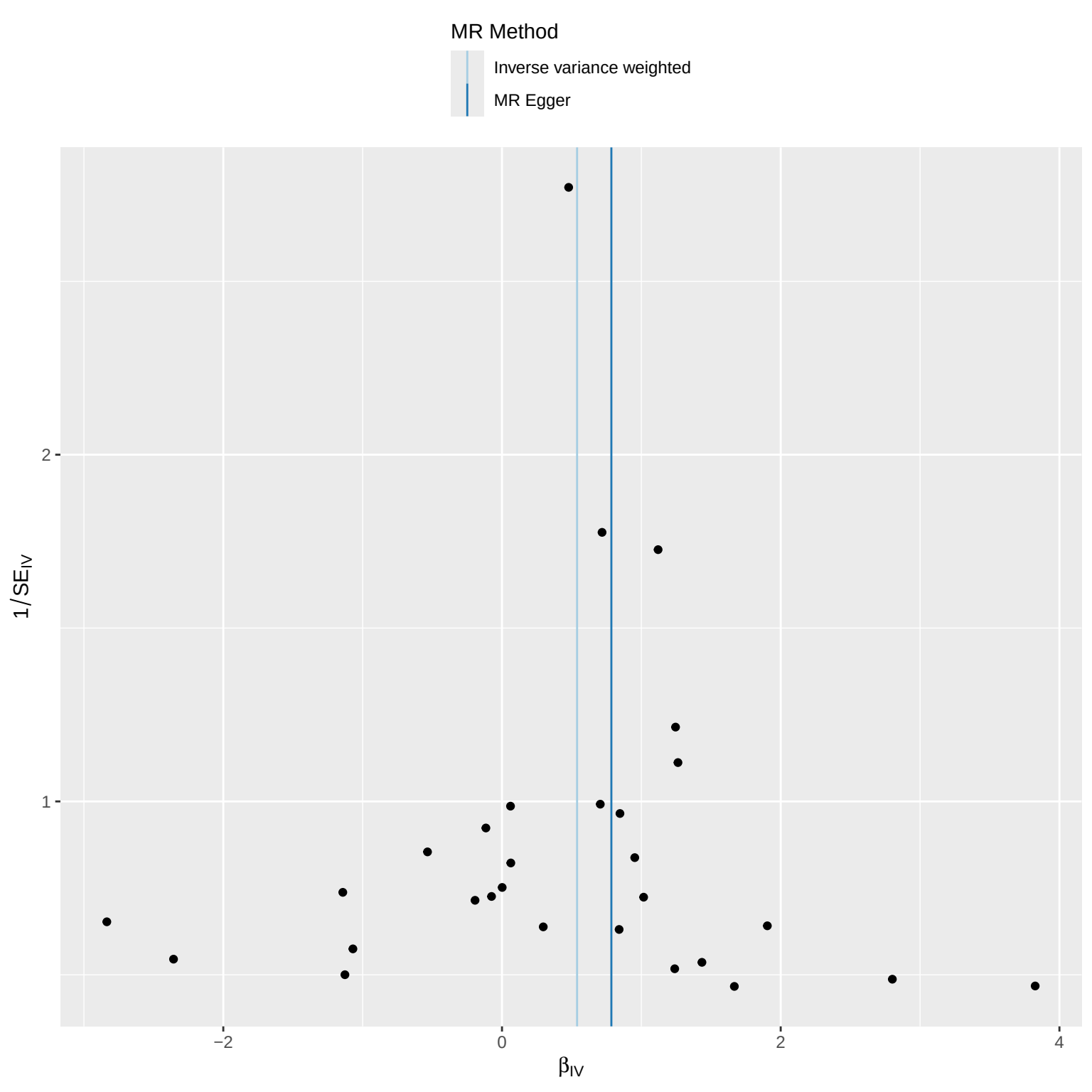

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

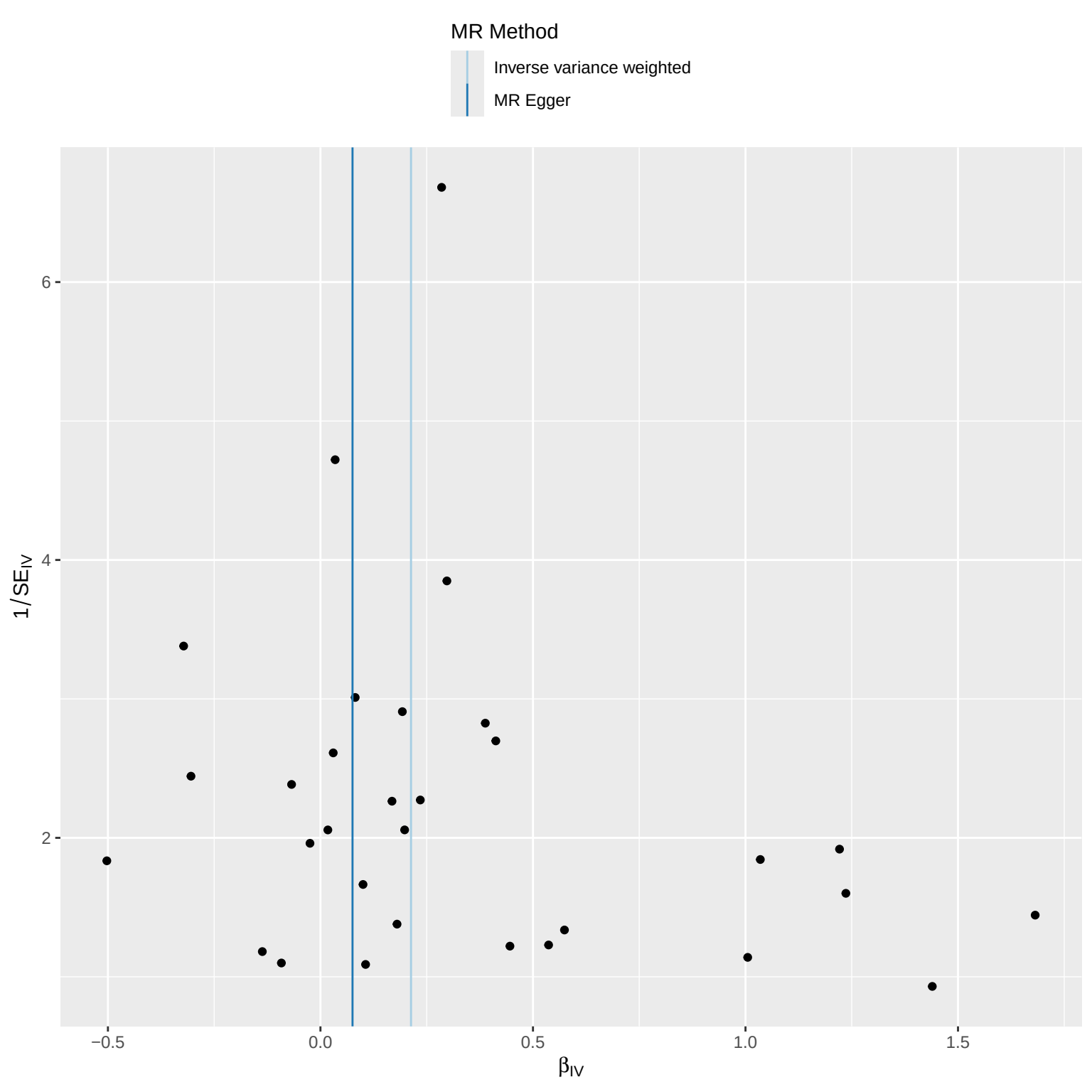

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

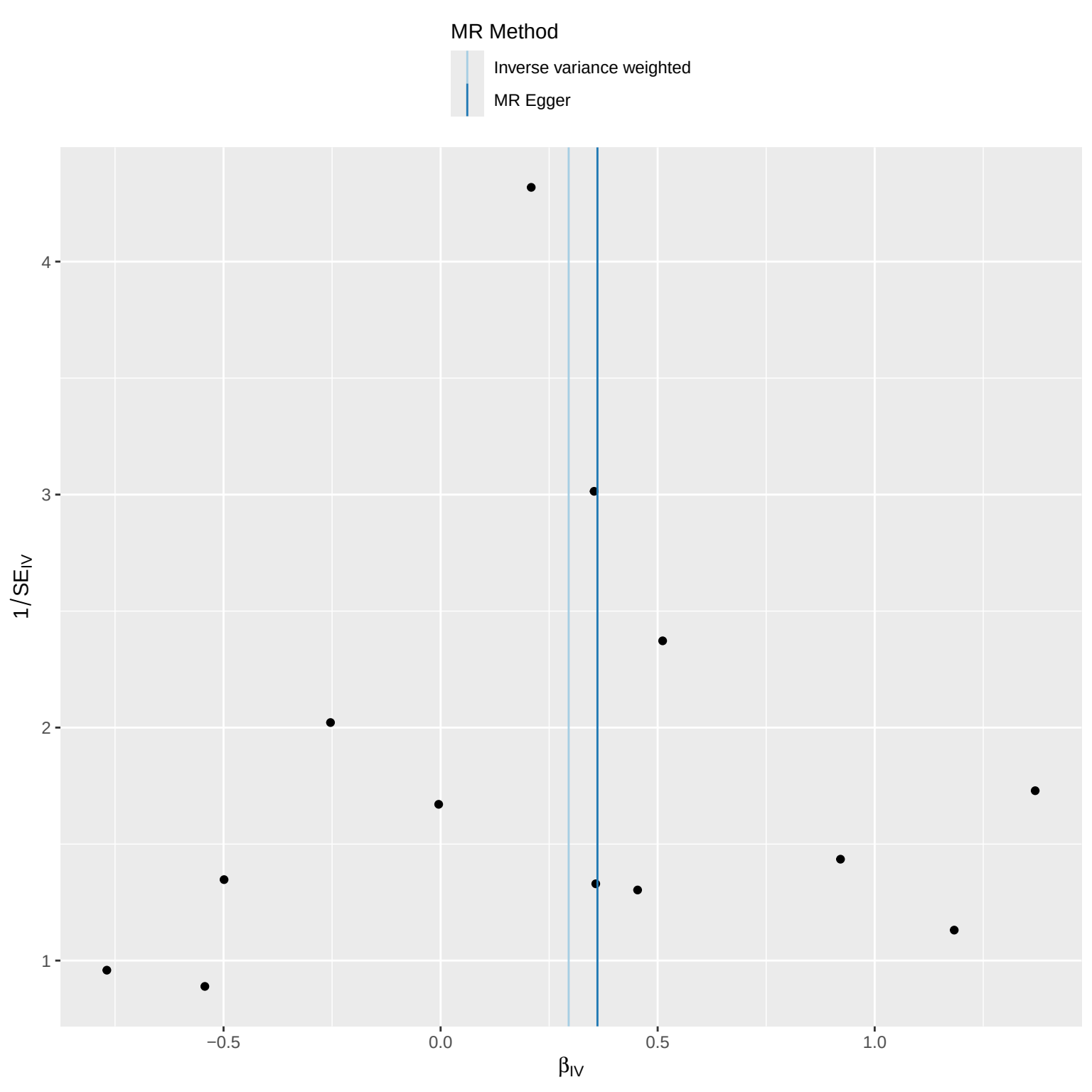

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

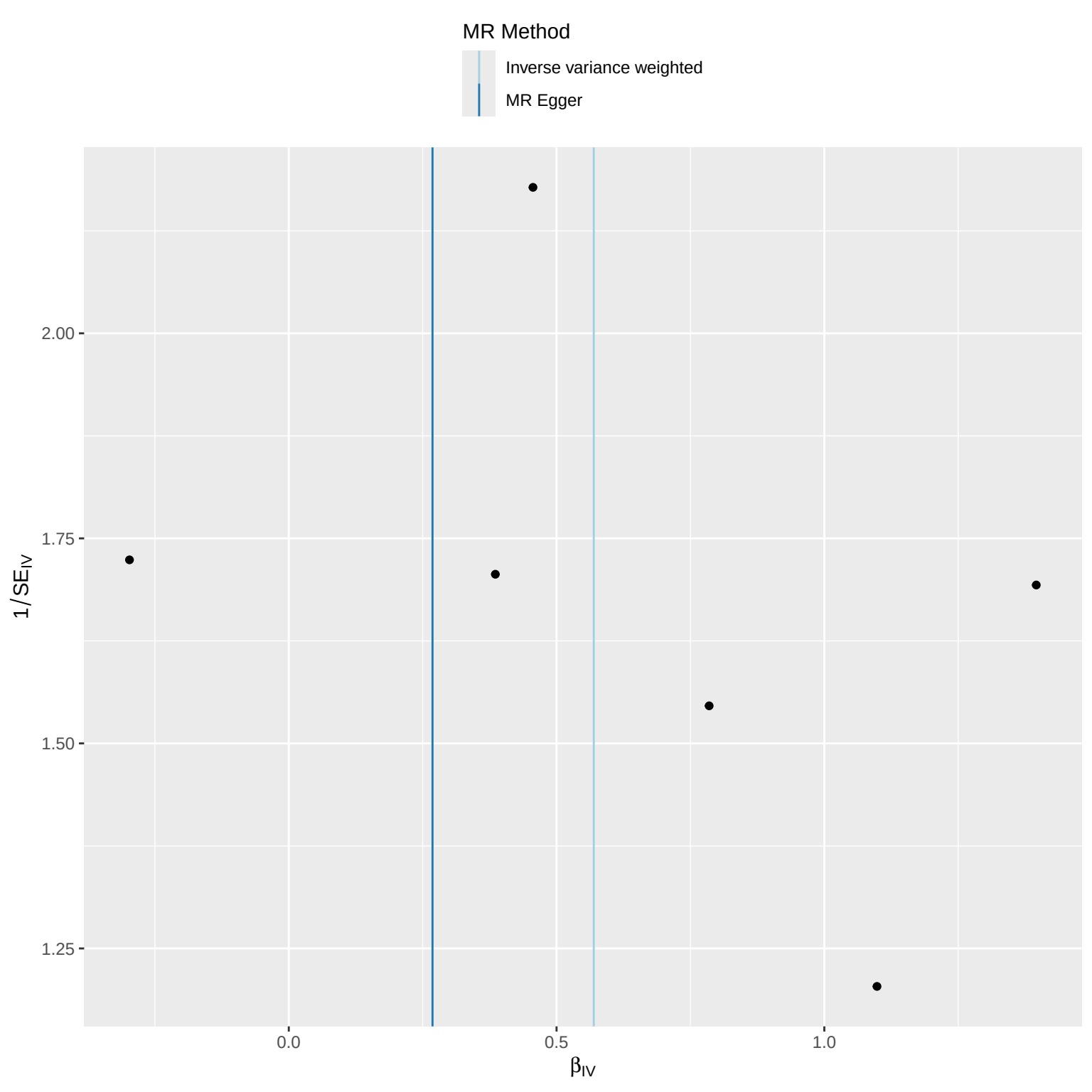

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

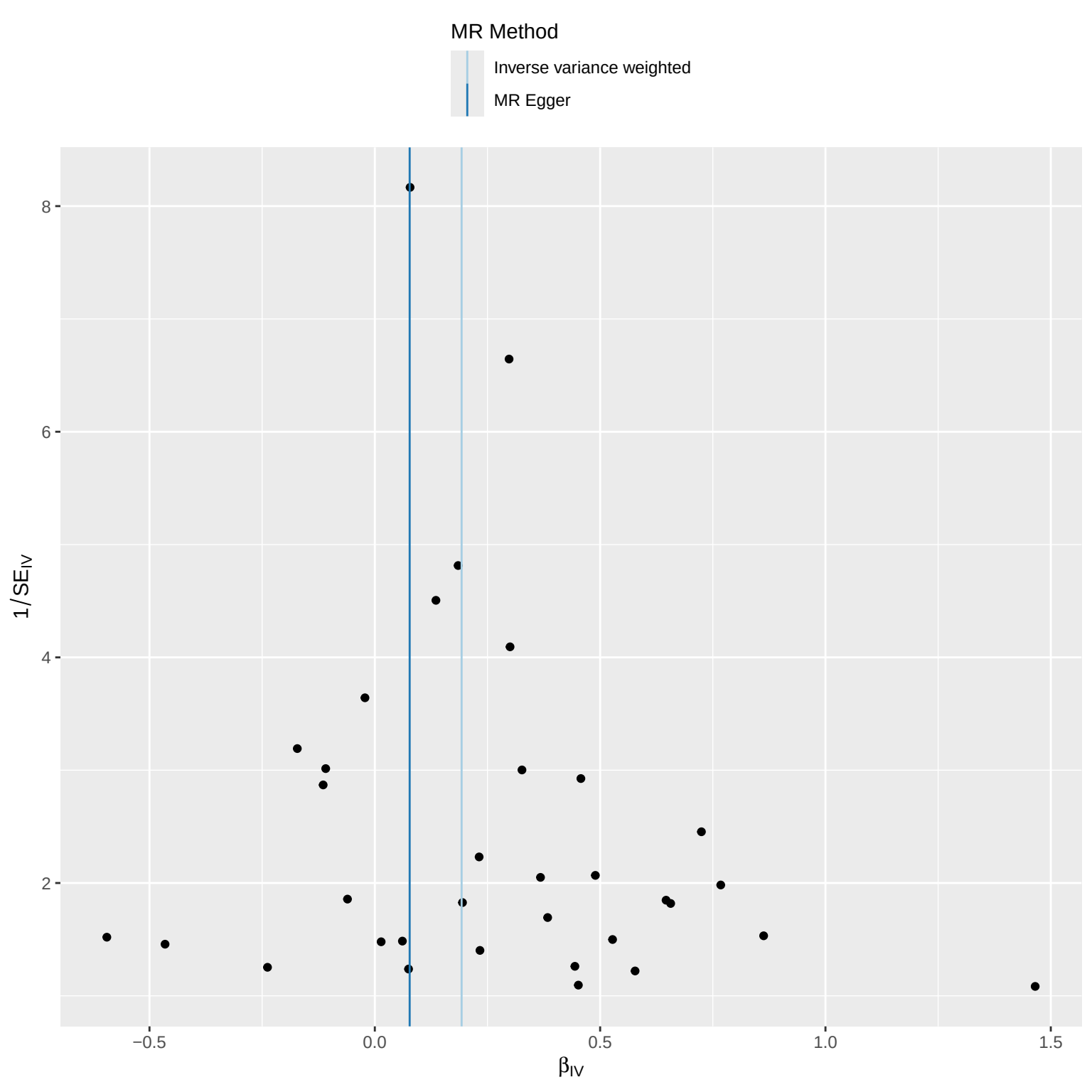

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
2
4
1/SE_IV
β_IV

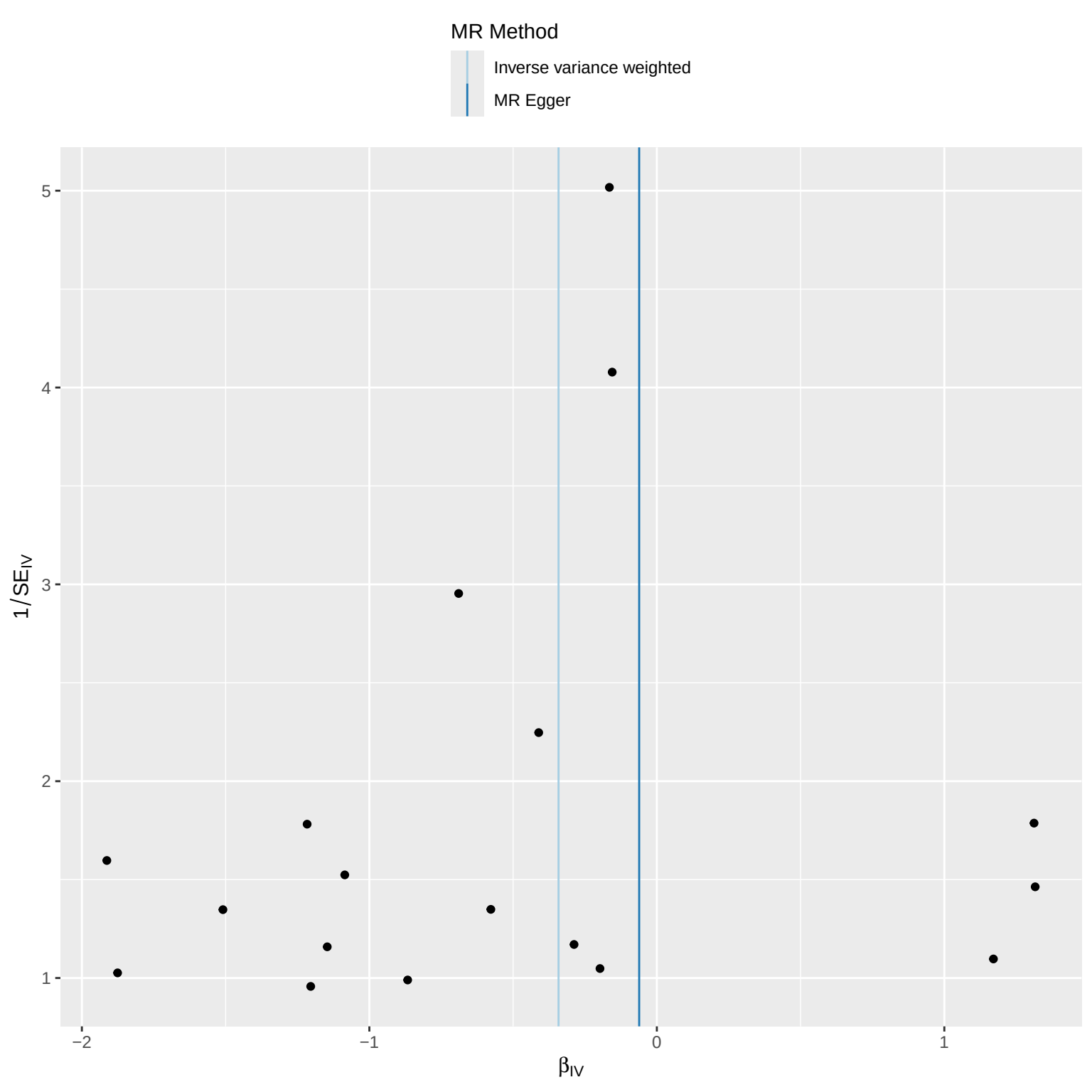

MR Method
Inverse variance weighted
MR Egger
2
1
$1/SE_{IV}$
−2
0
2
4
β_{IV}

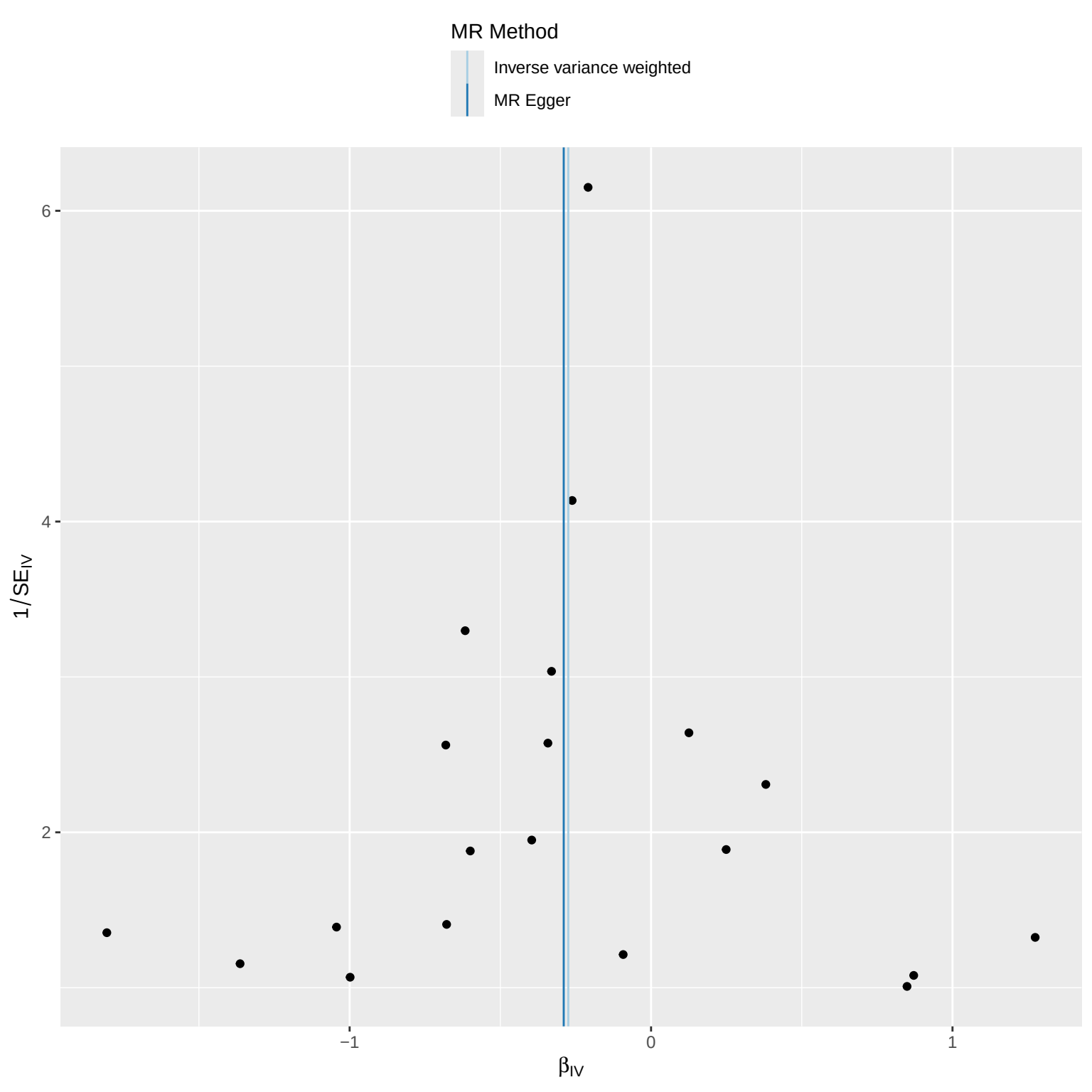

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

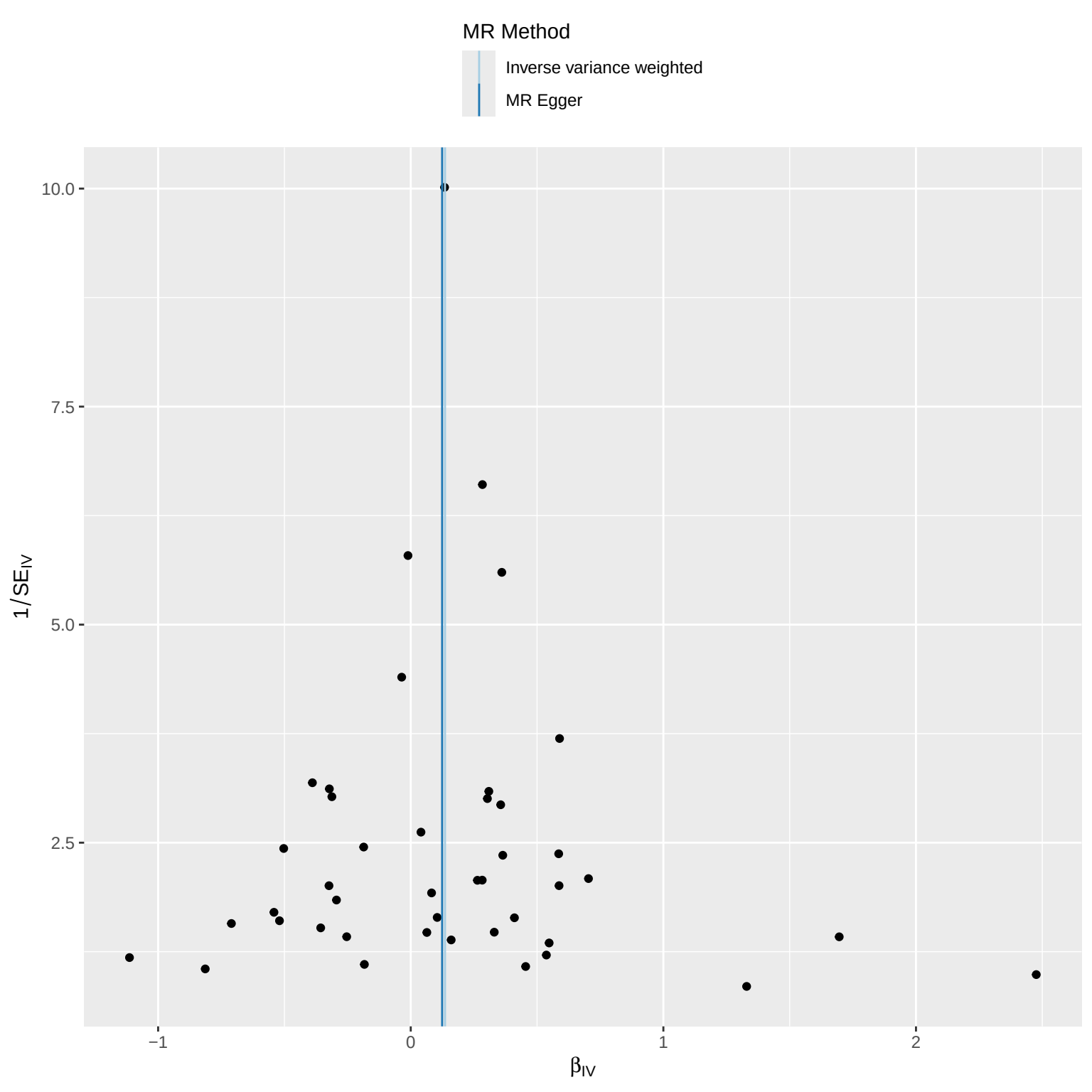

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

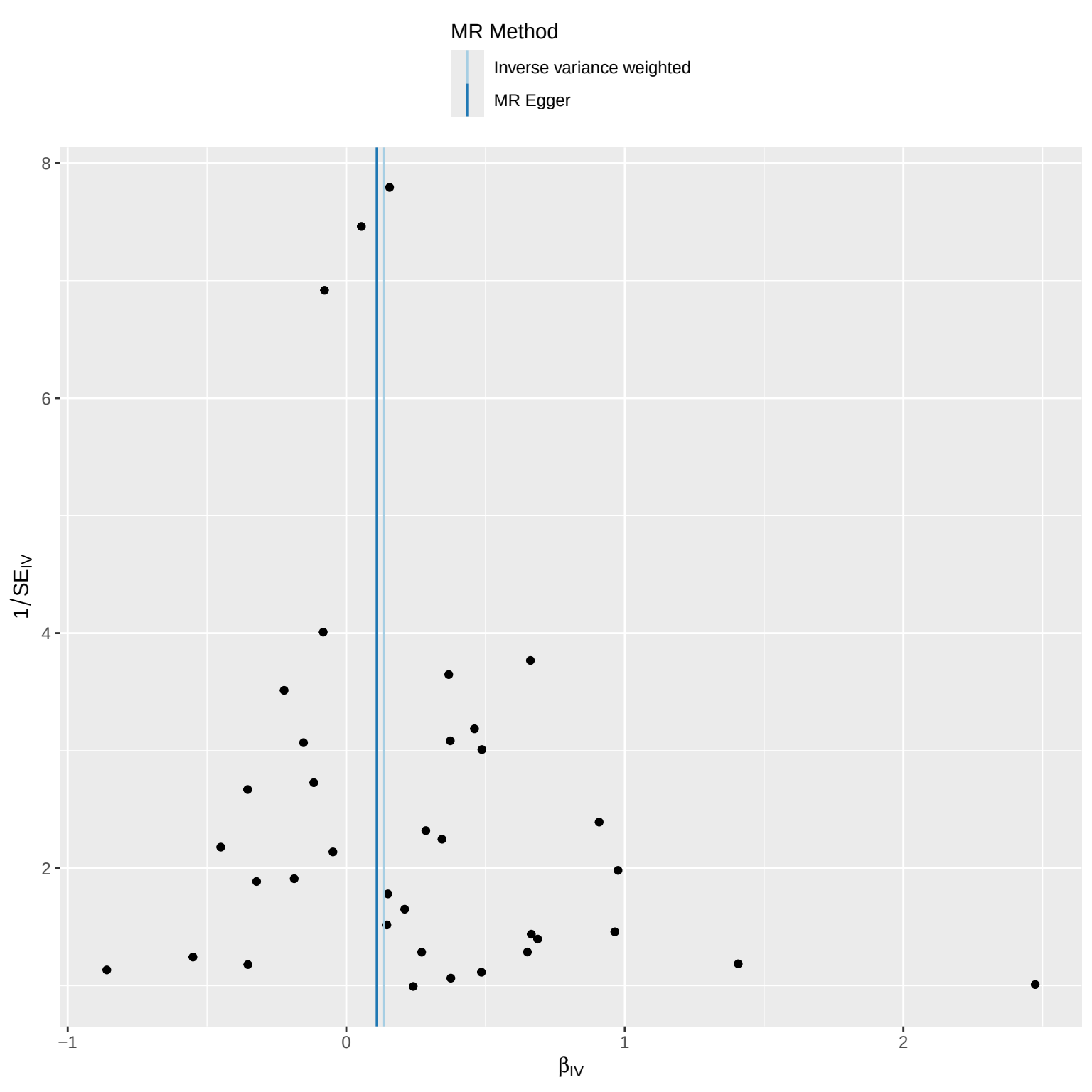

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1/SE_IV
0.0
0.5
1.0
β_IV

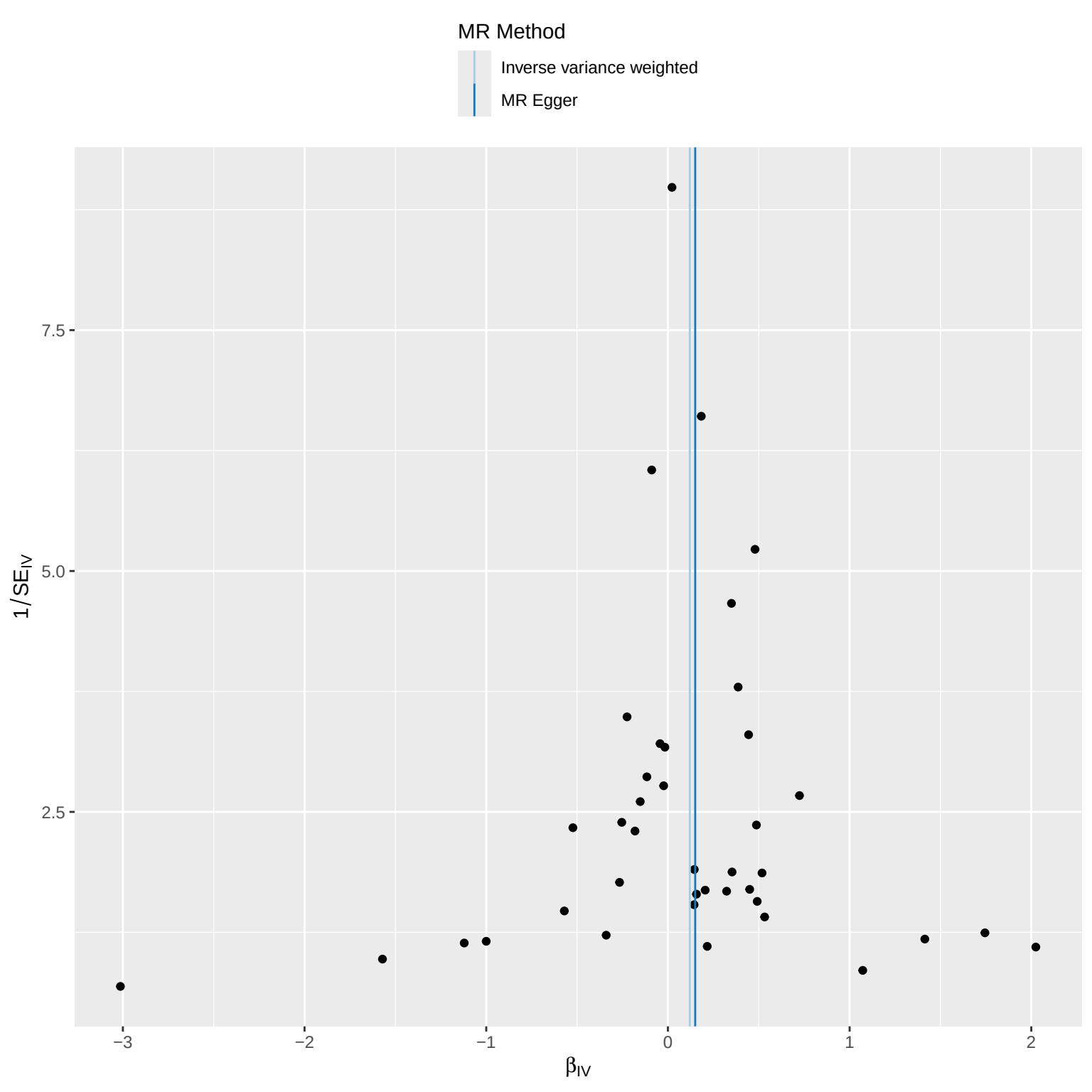

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

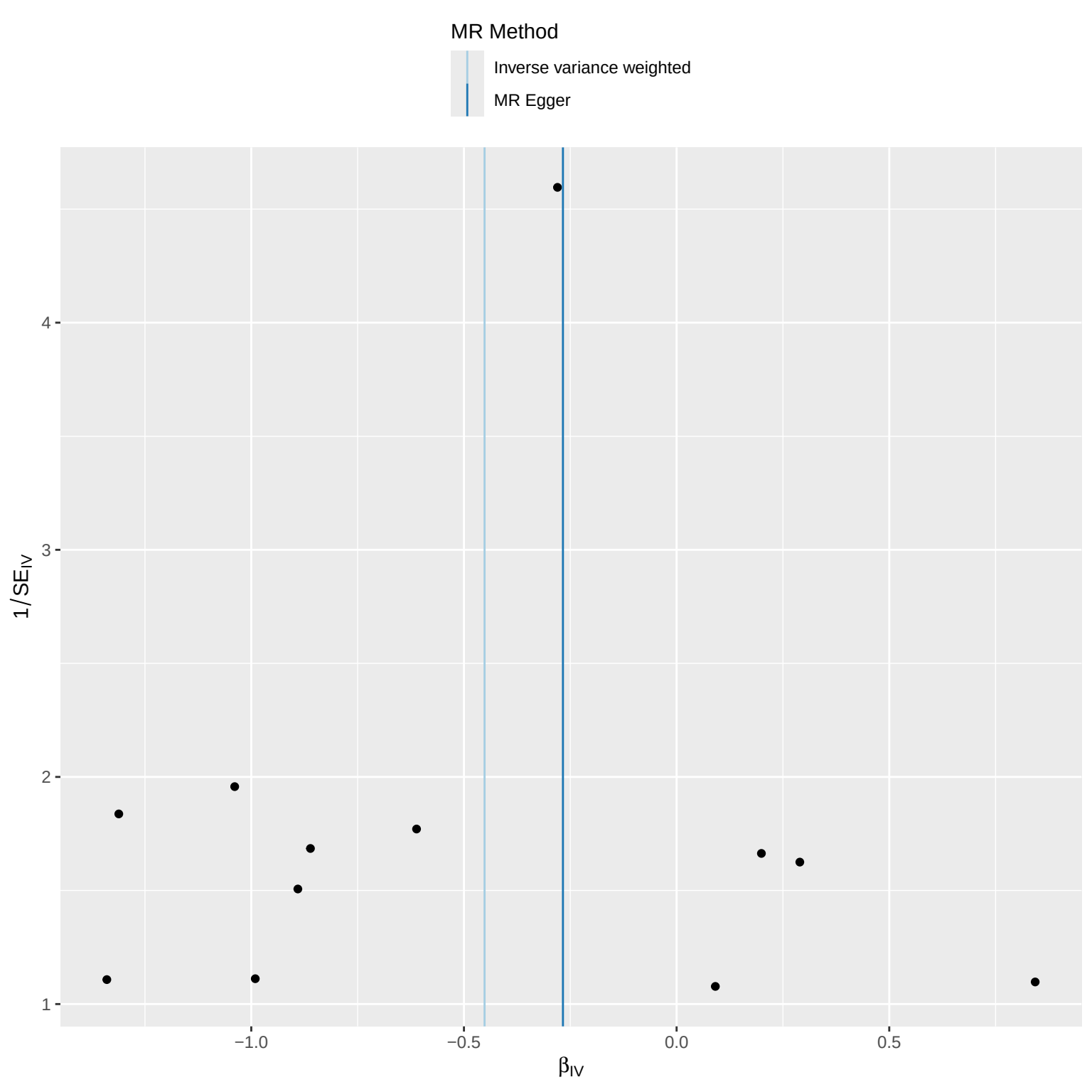

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

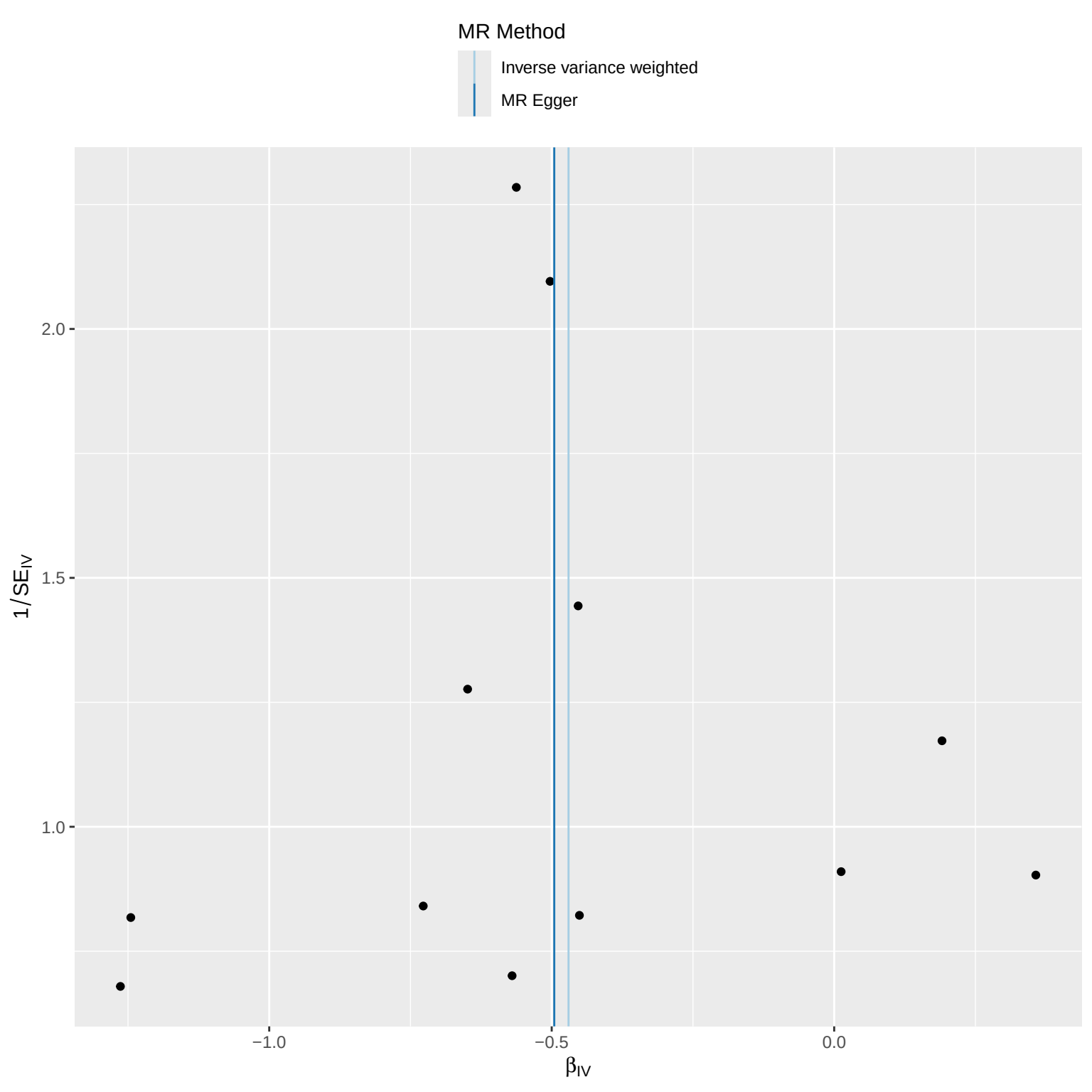

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

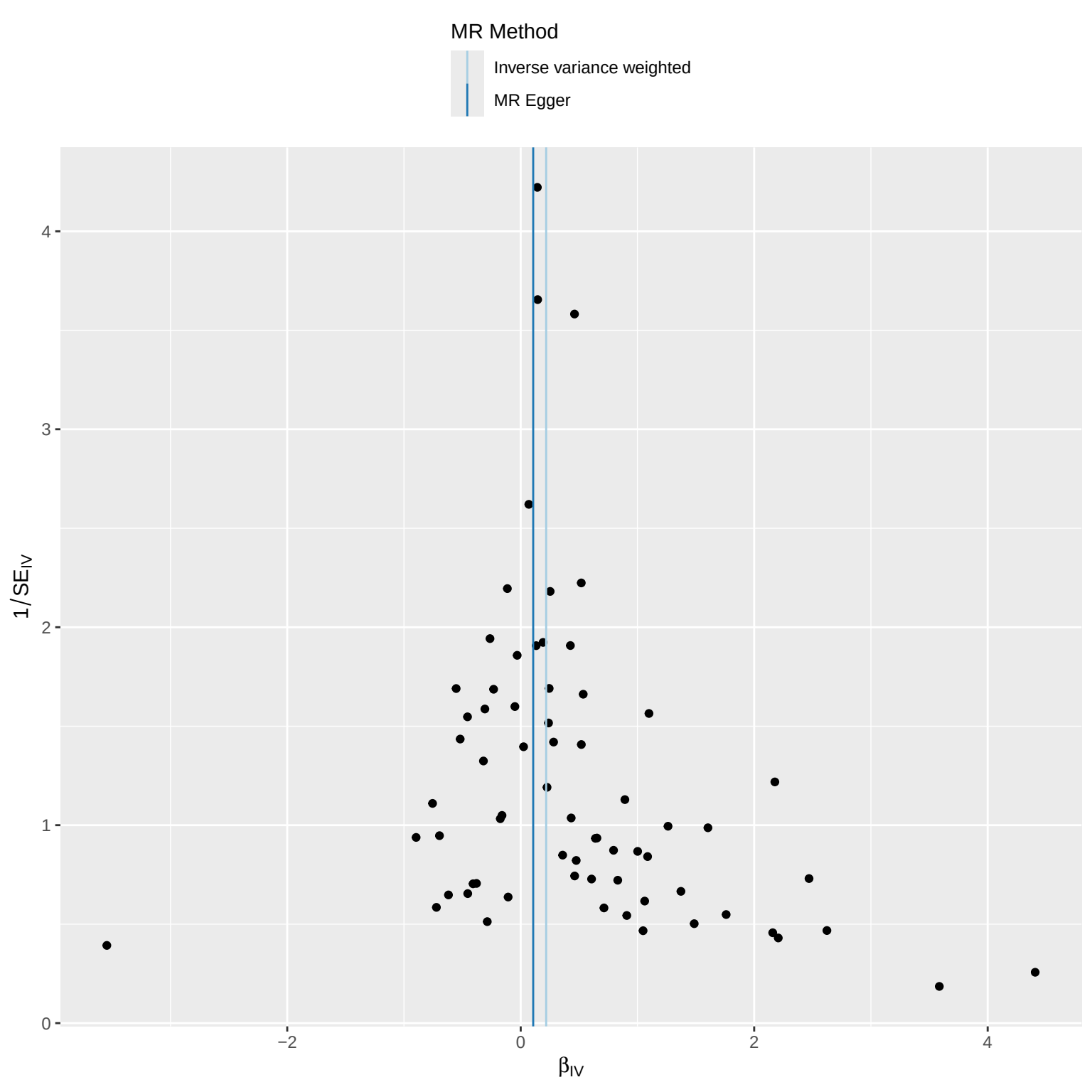

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

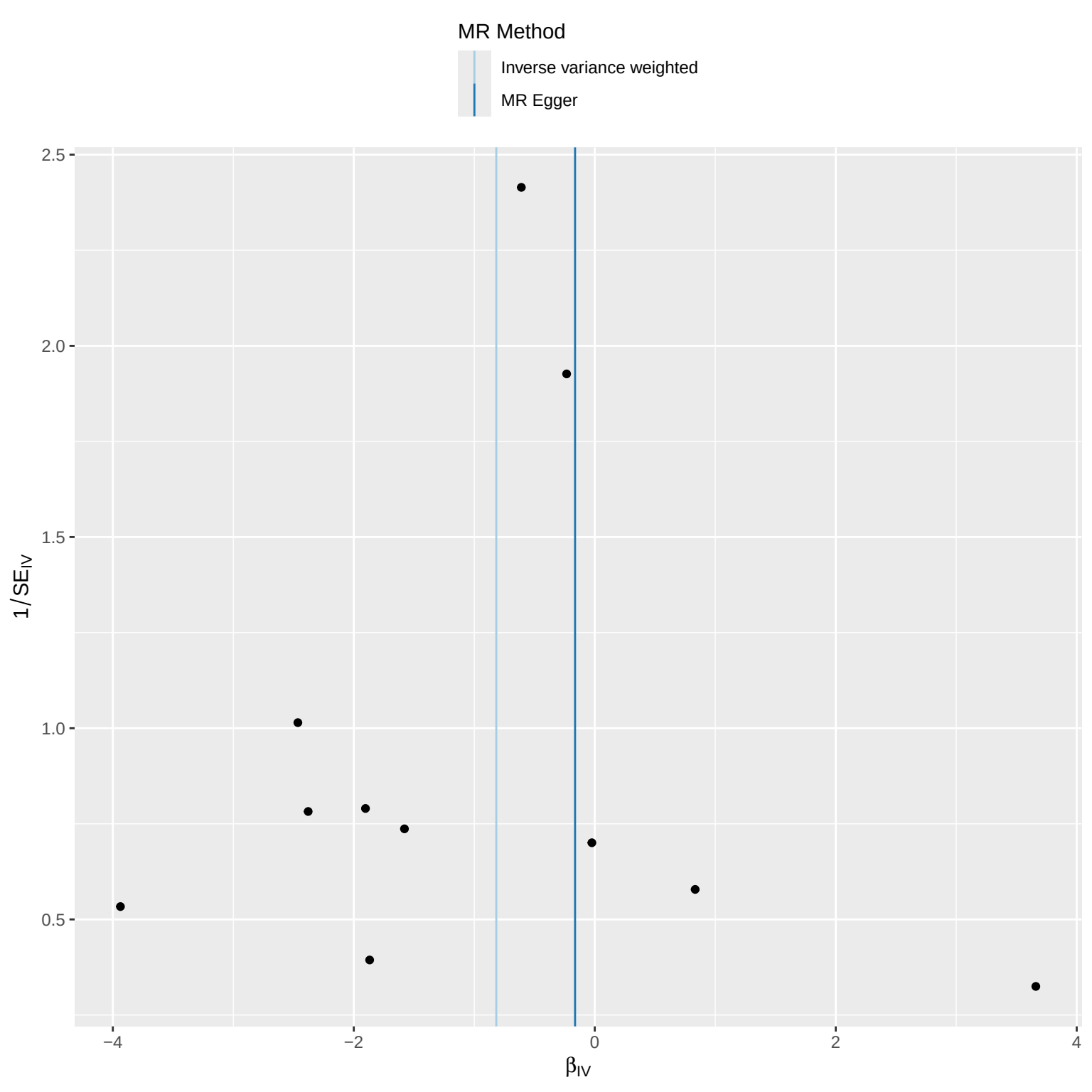

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

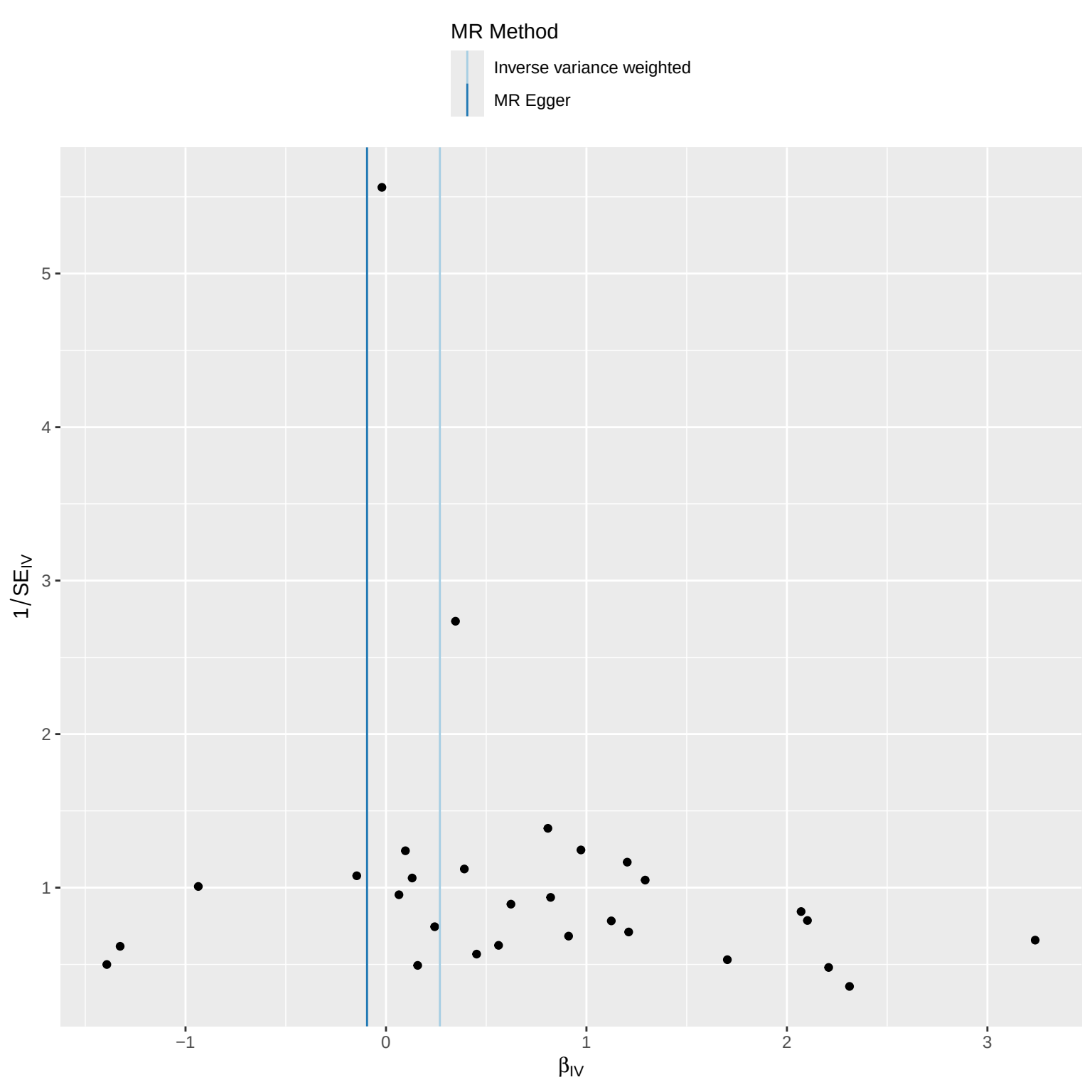

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

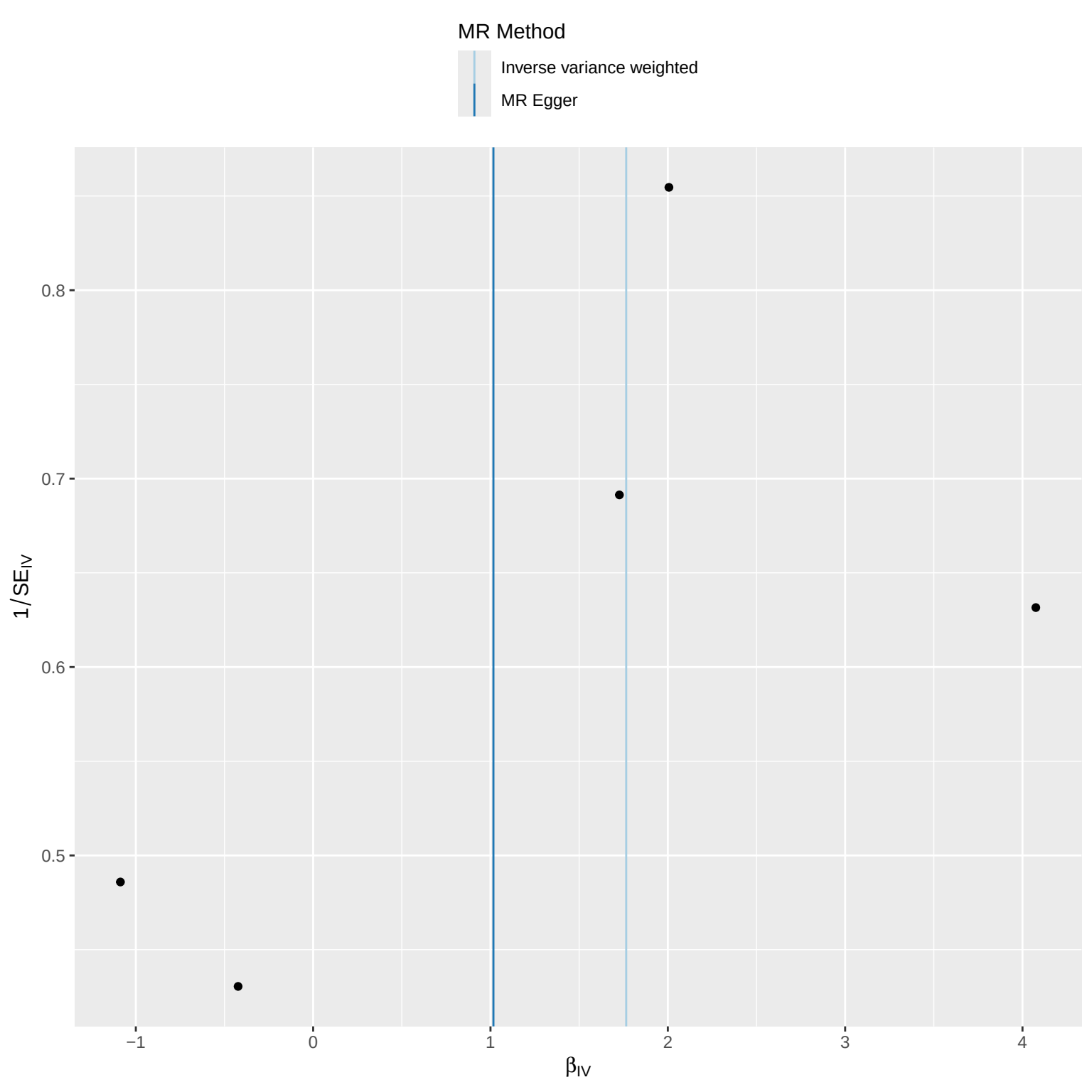

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

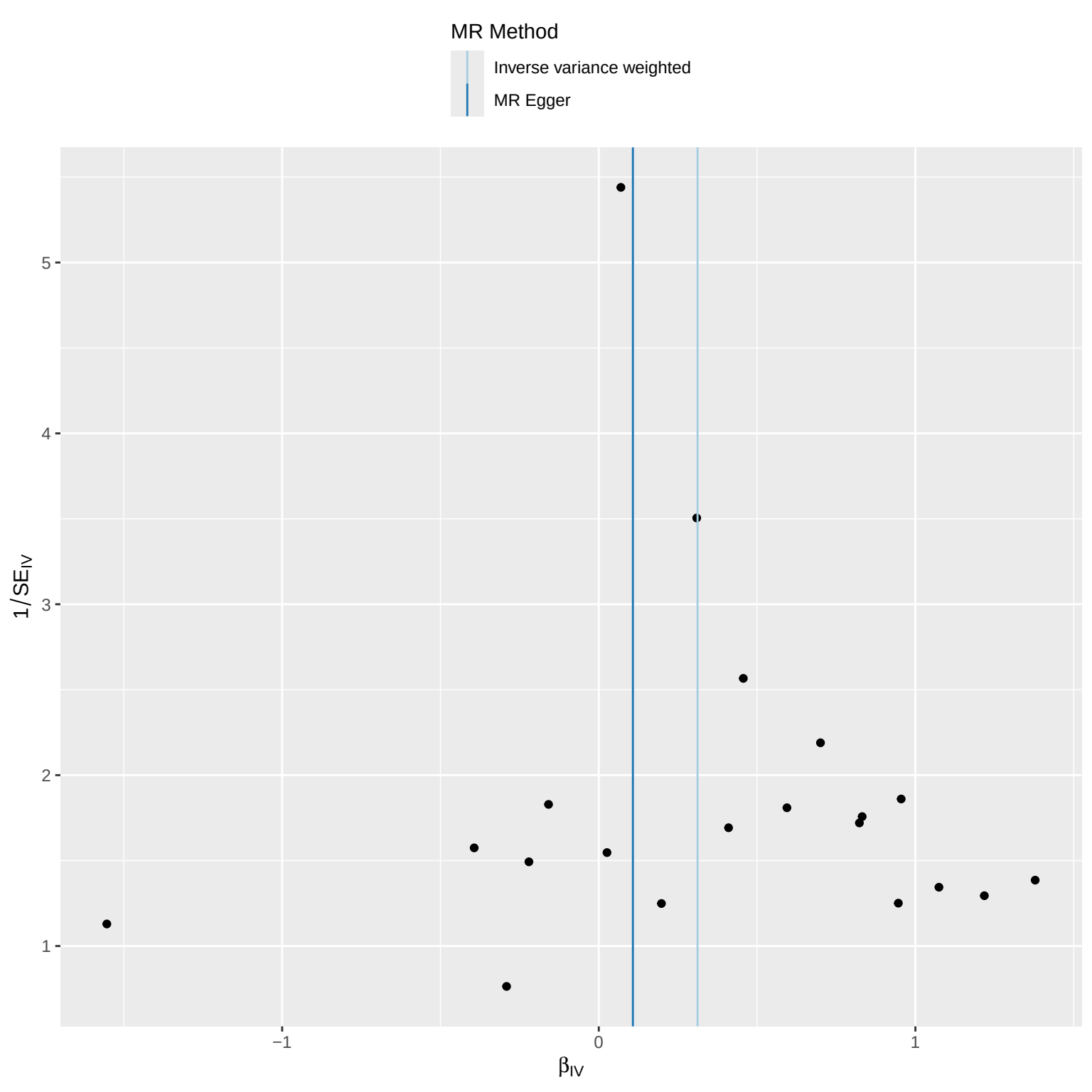

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

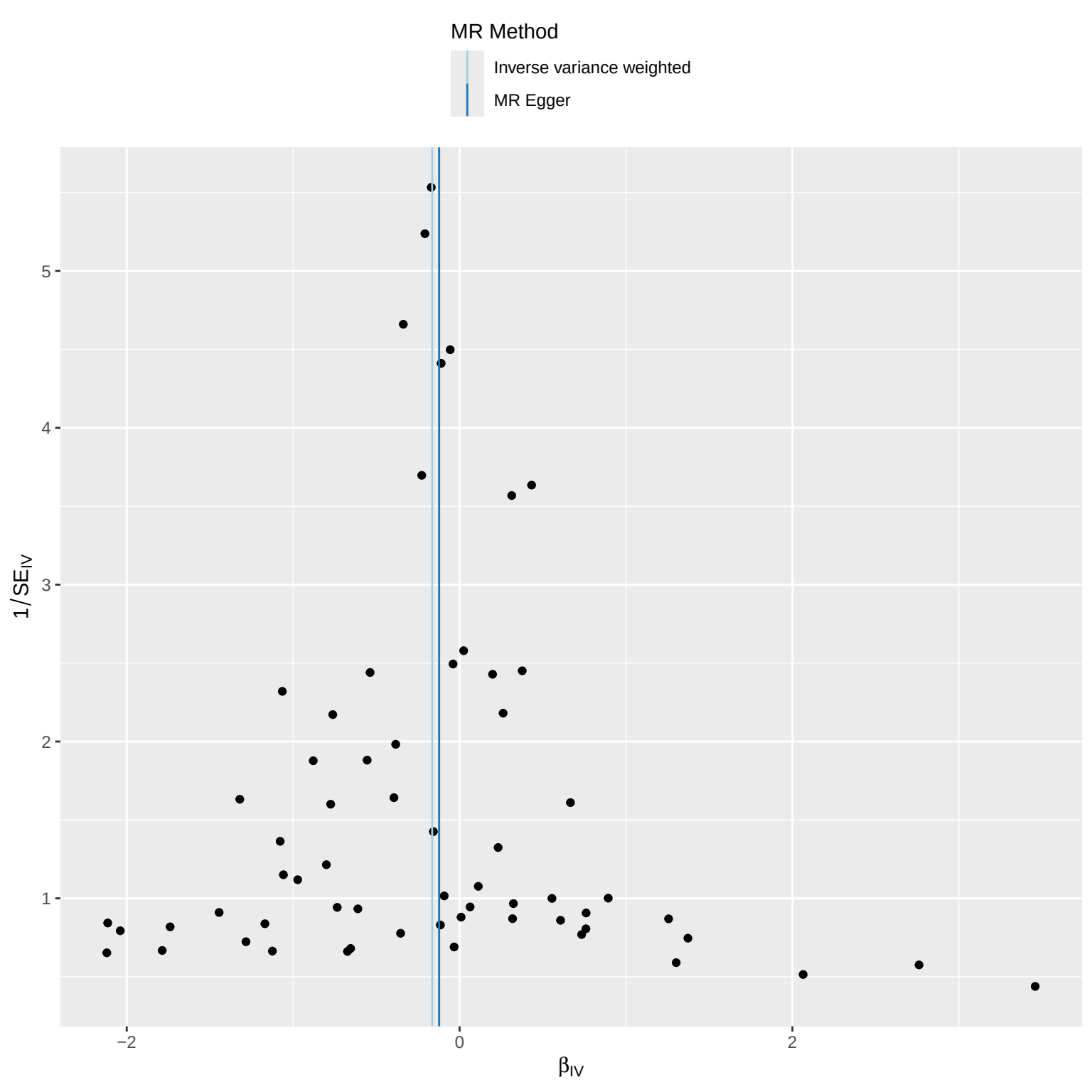

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−2
0
2
4
β_IV

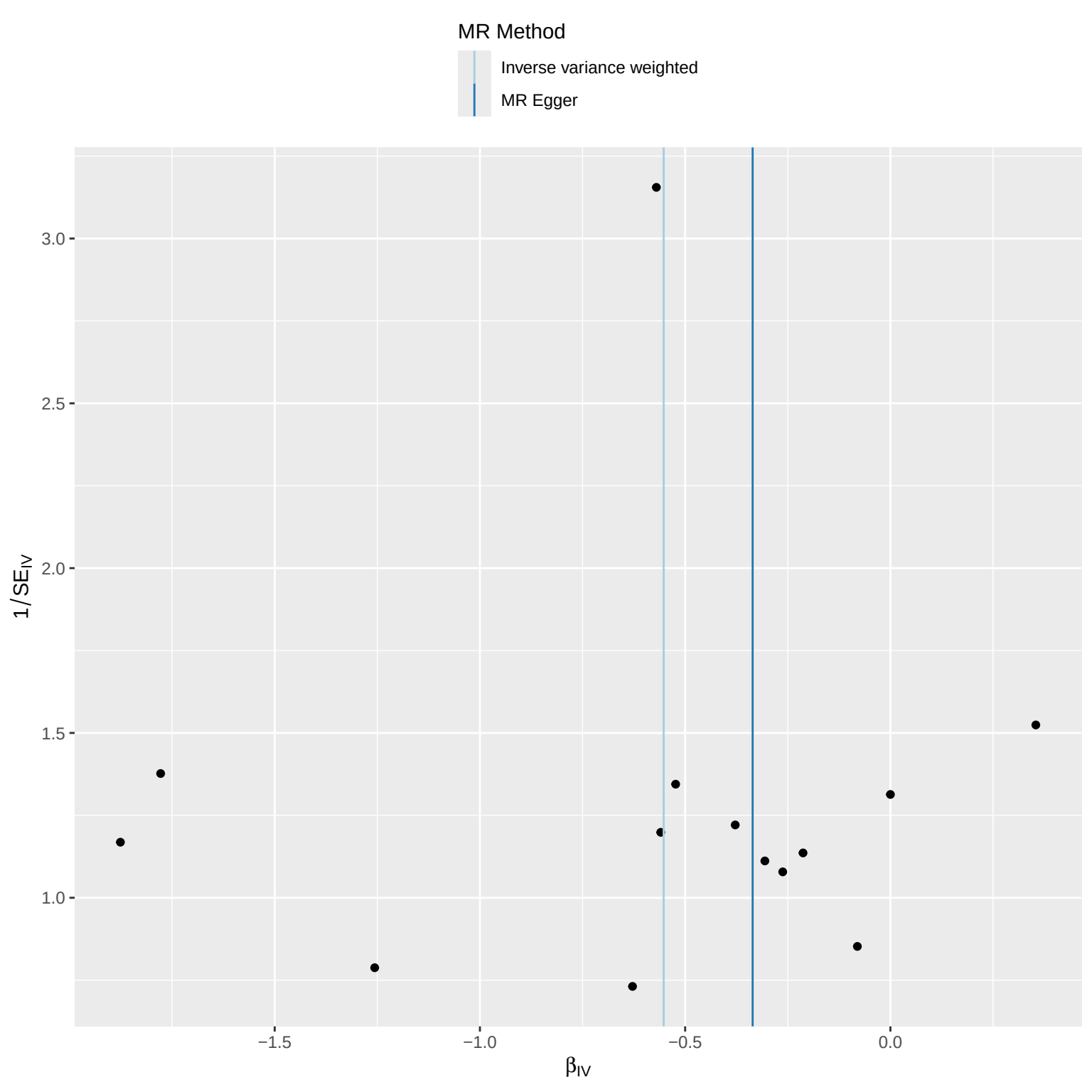

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
4
β_IV

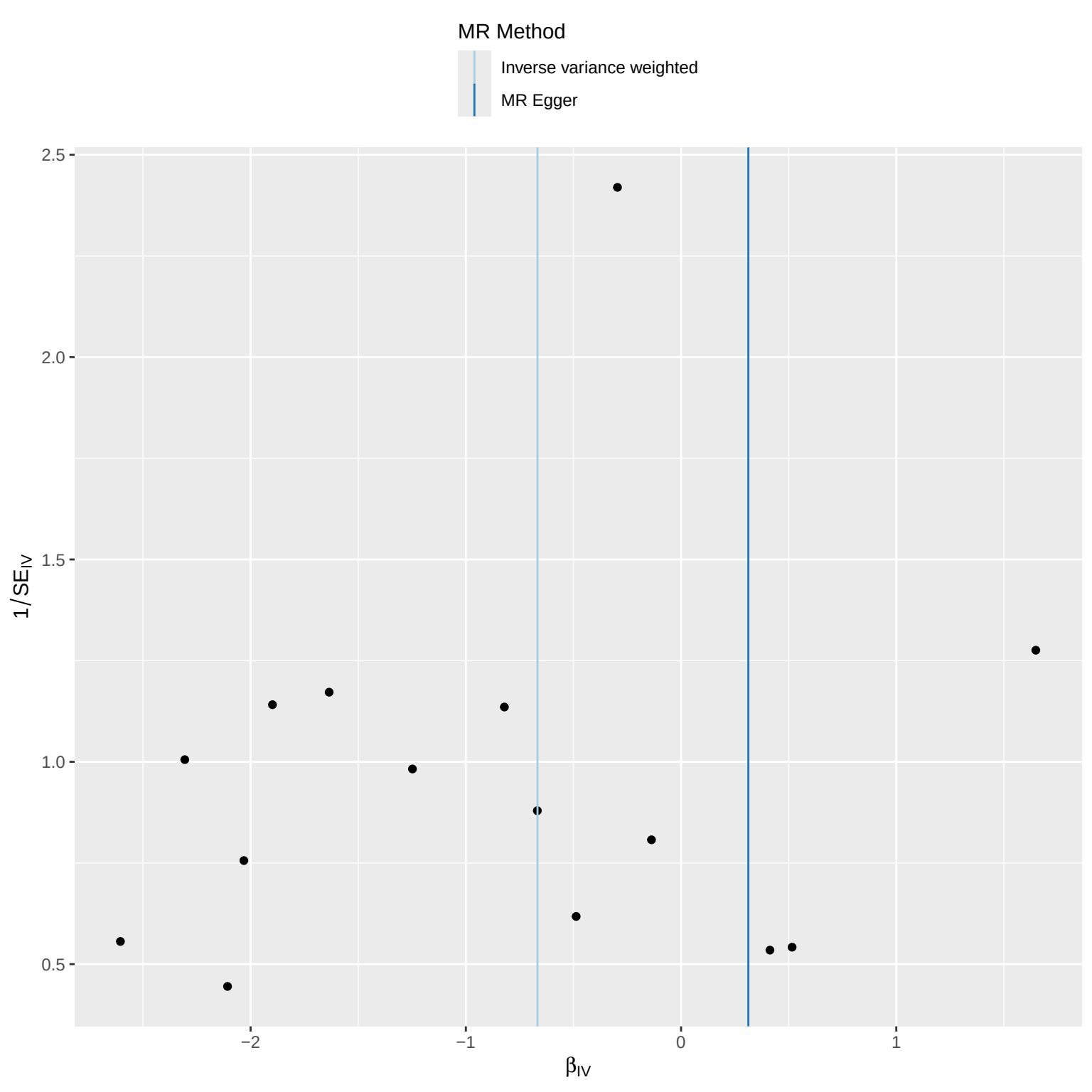

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1
0
1
2
3

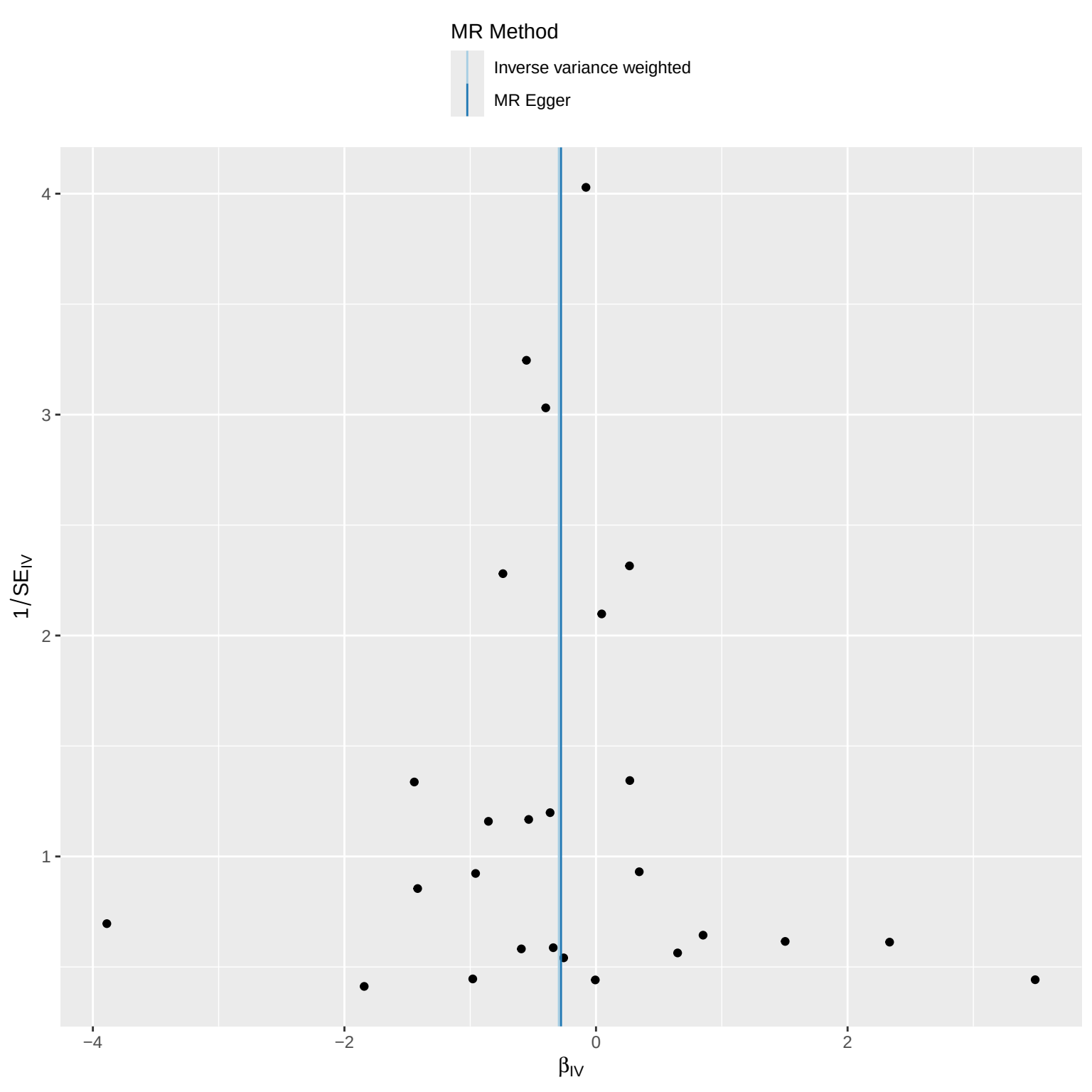

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

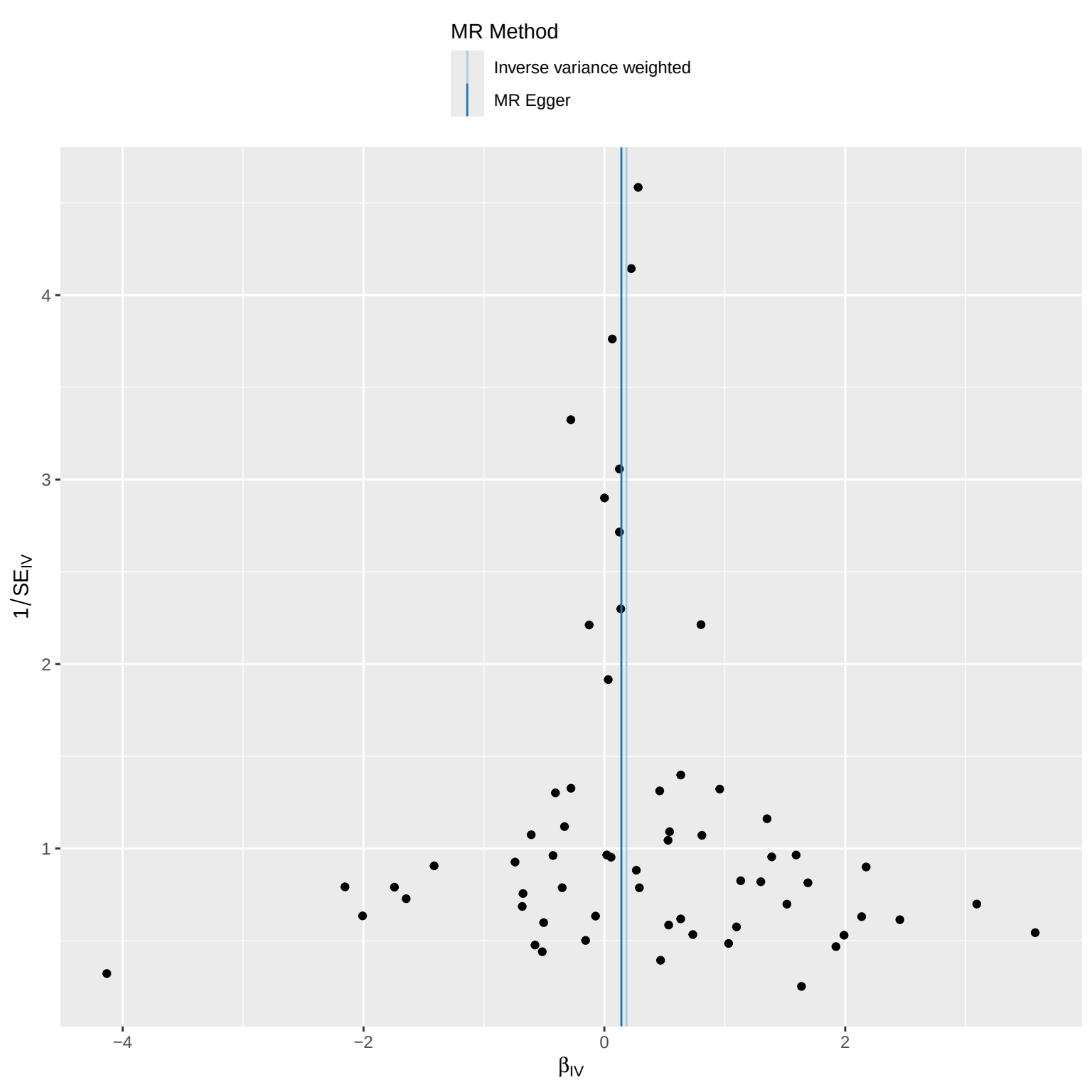

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

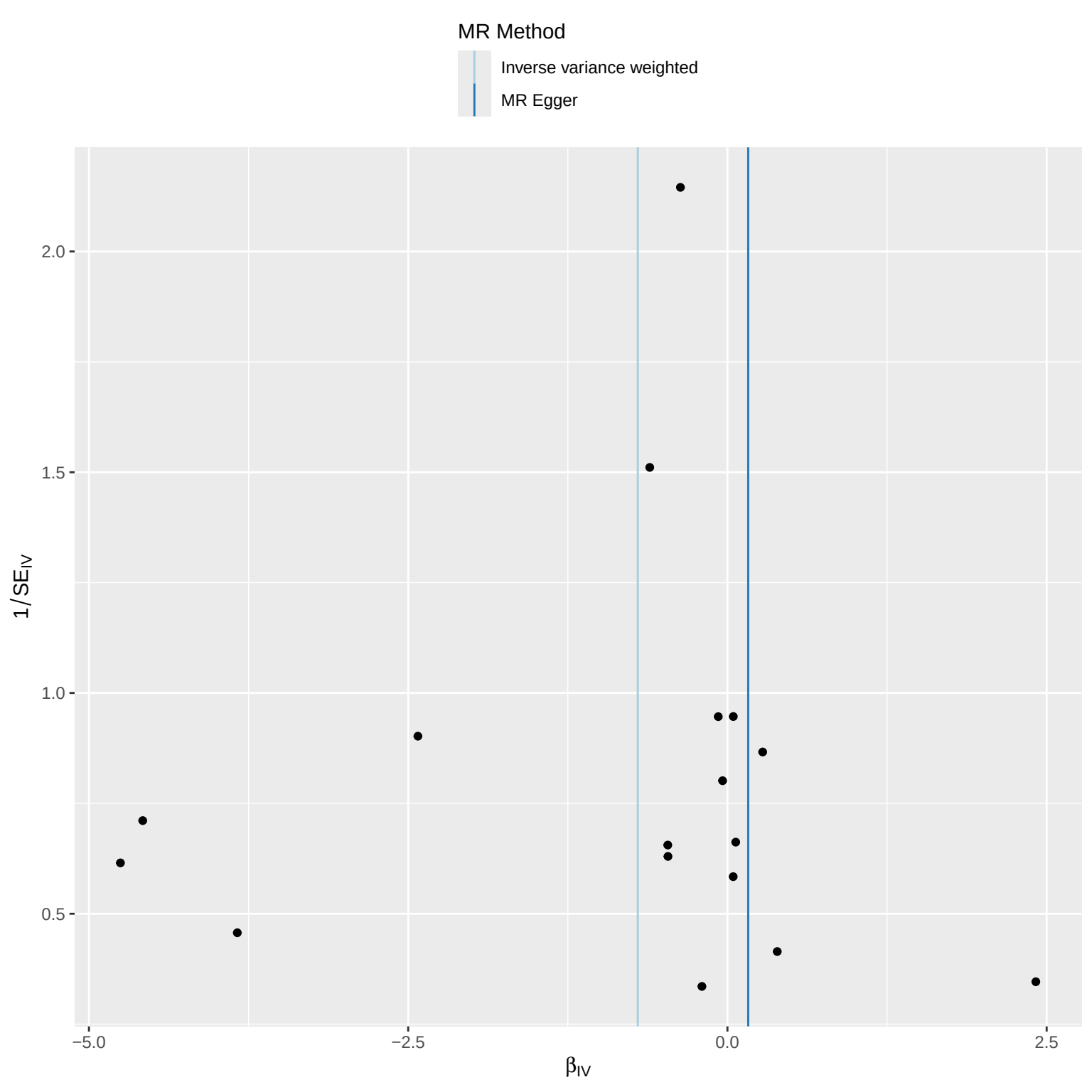

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

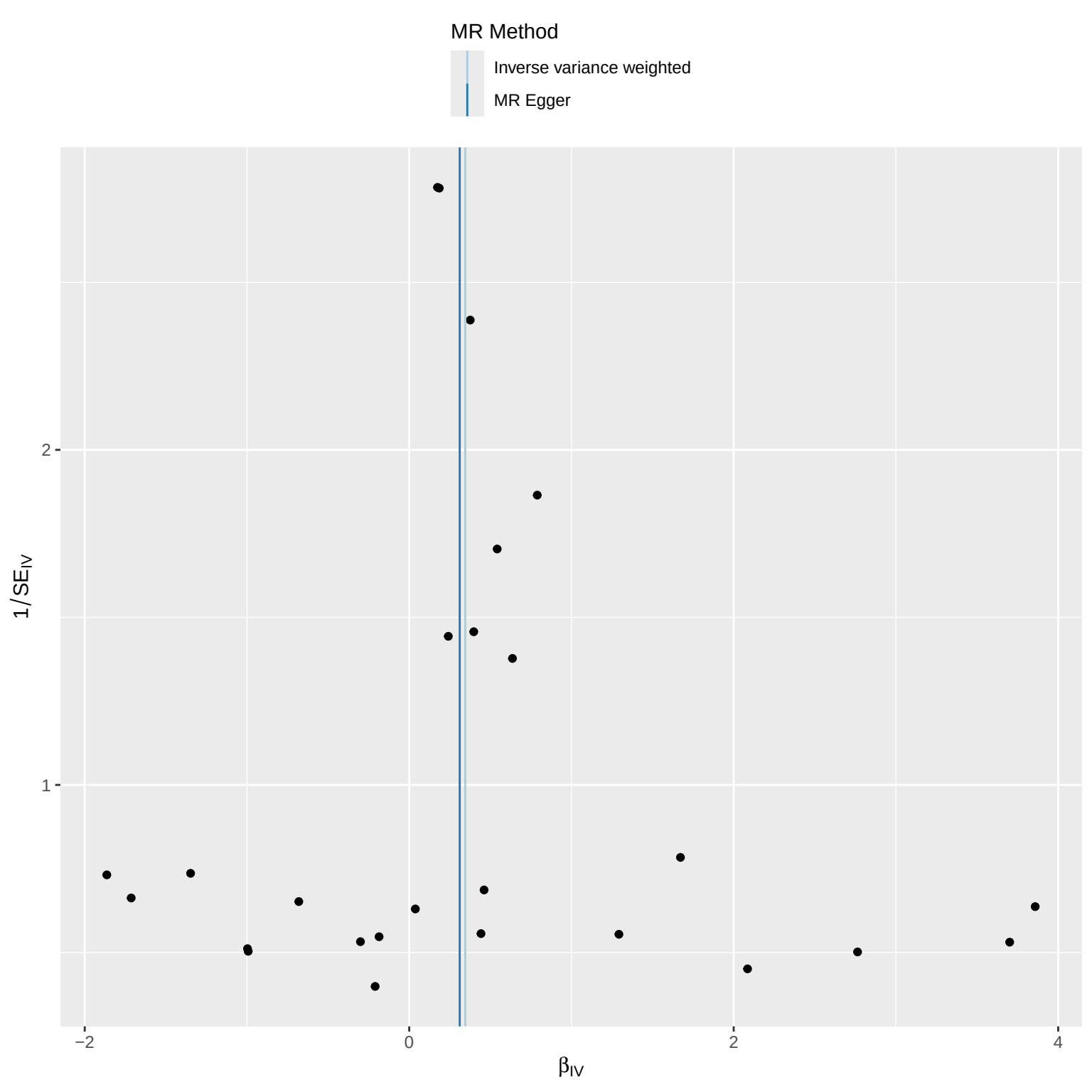

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

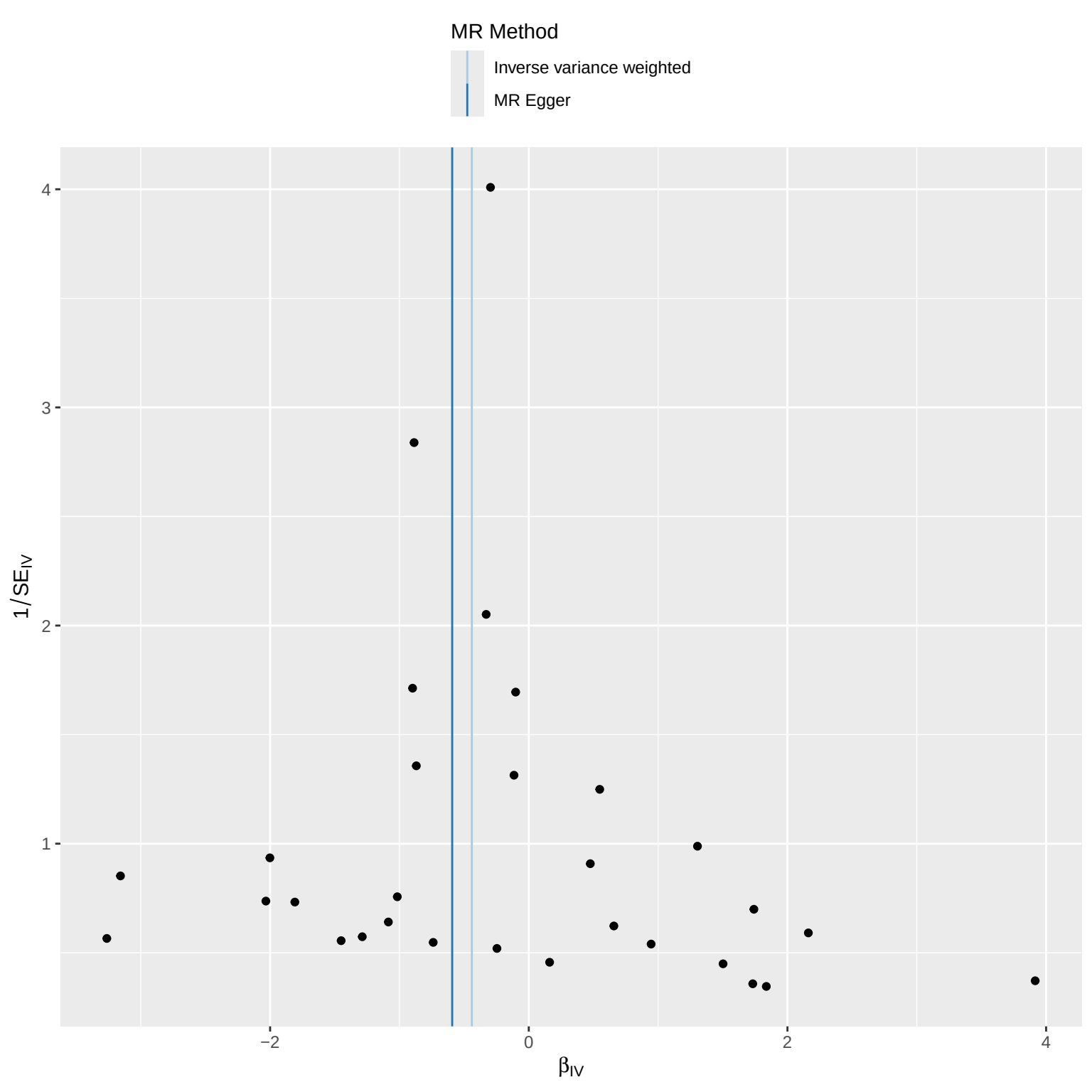

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

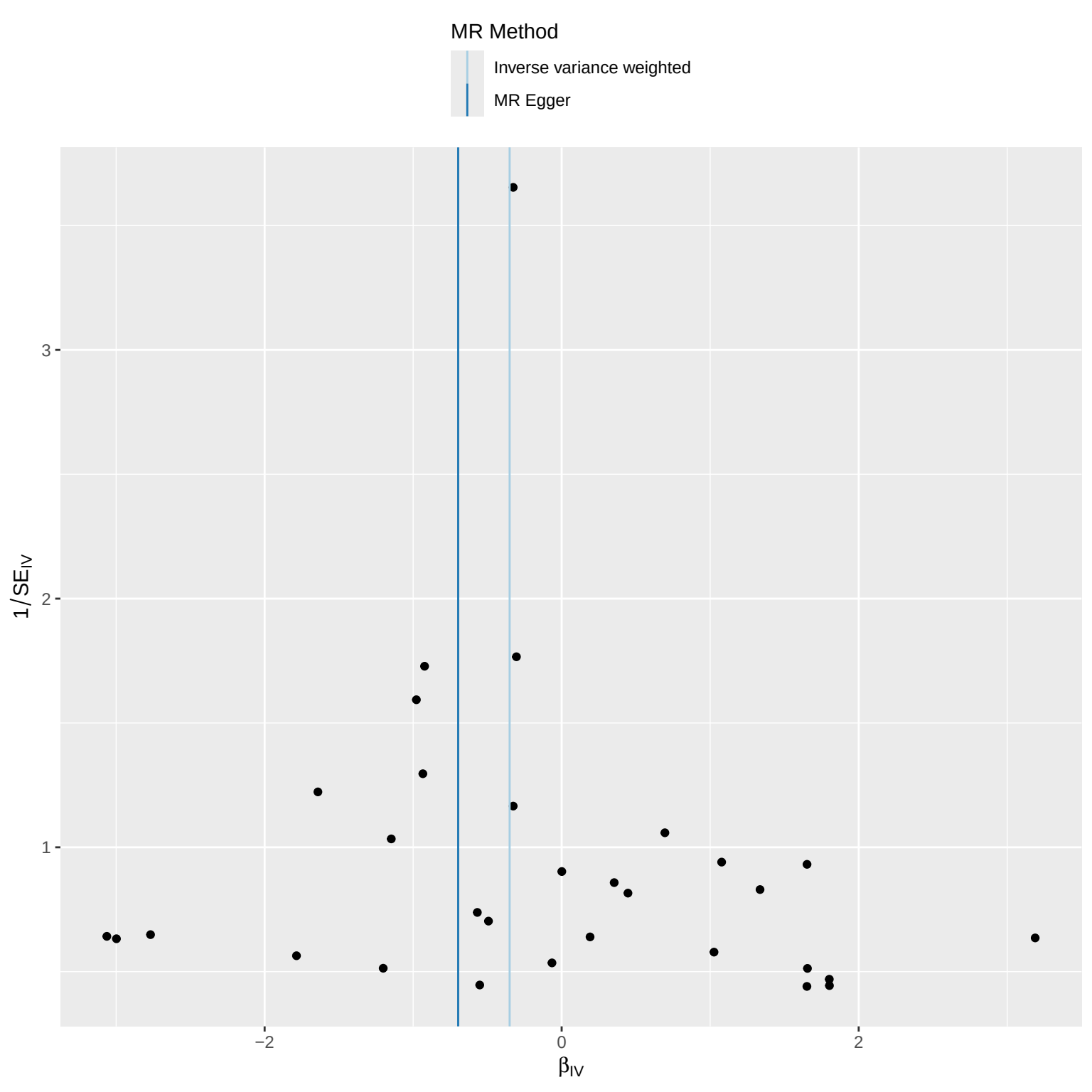

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

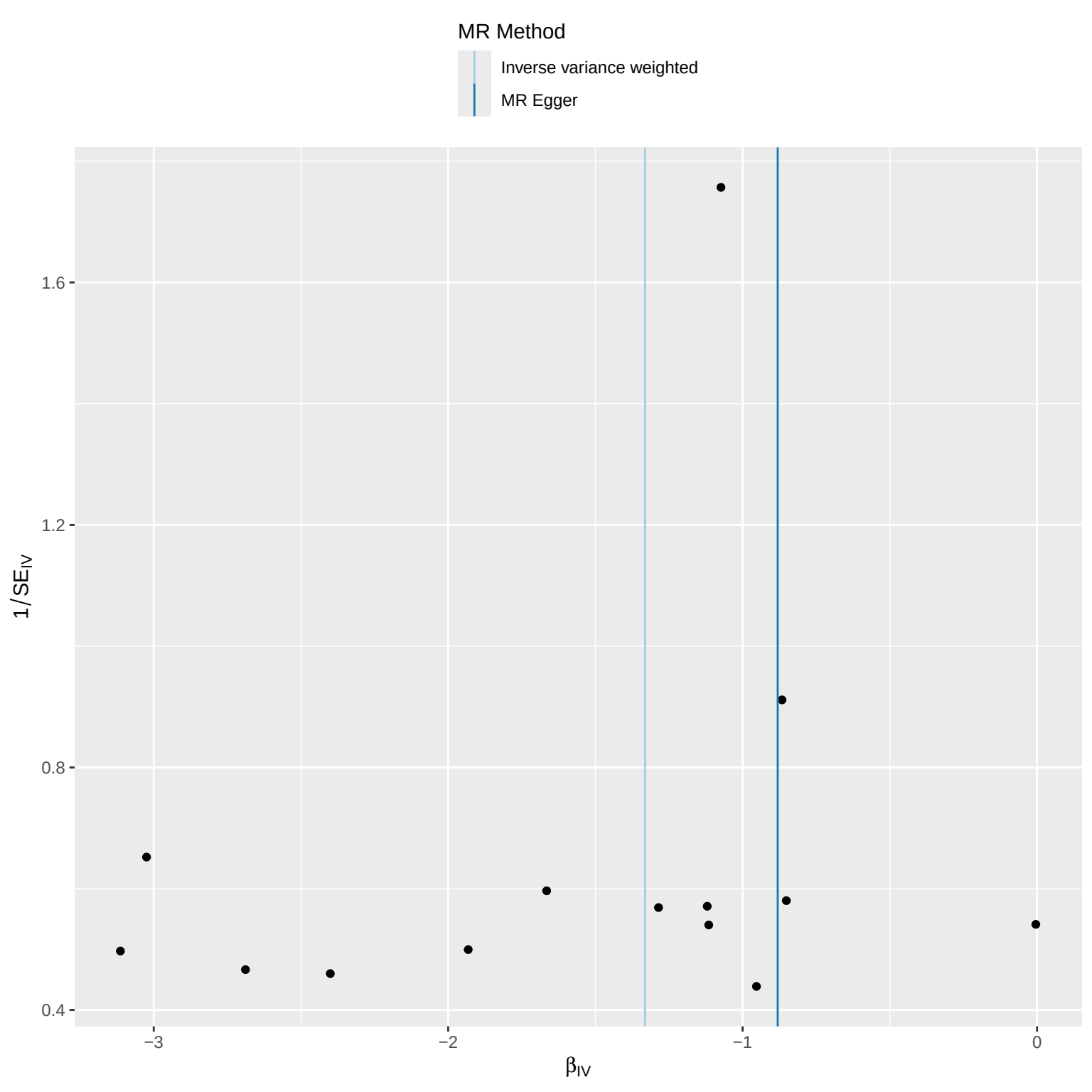

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−4
−2
0
2

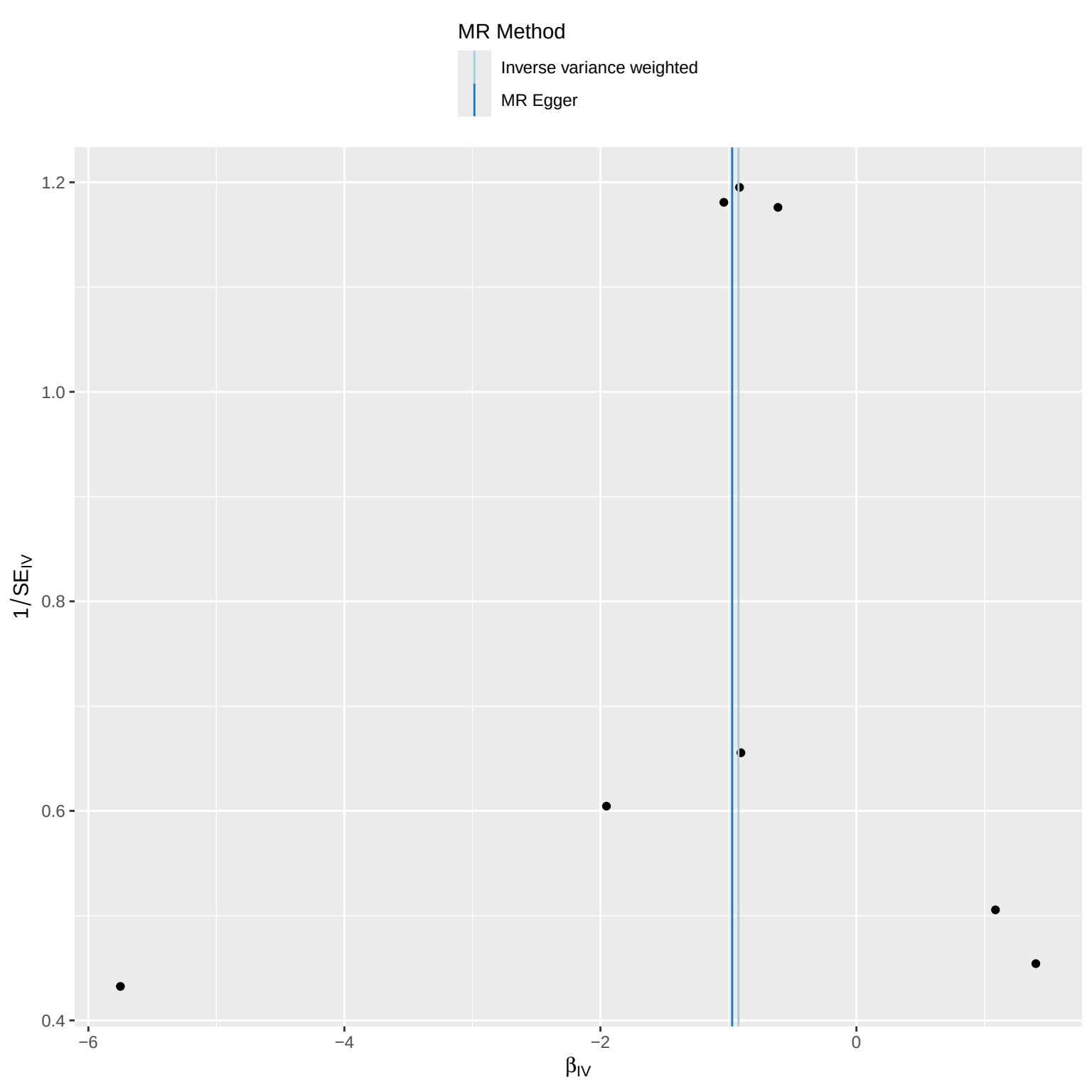

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

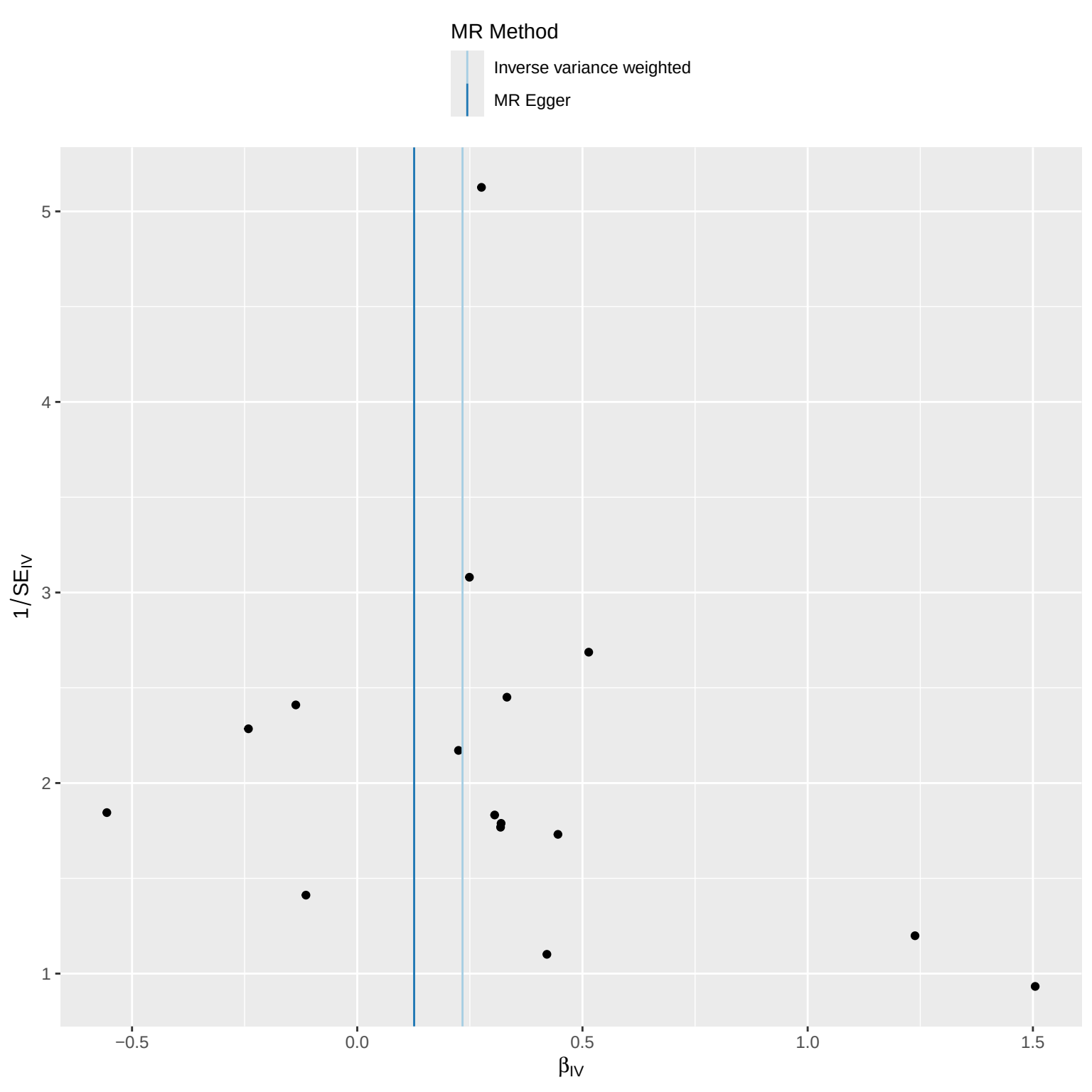

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

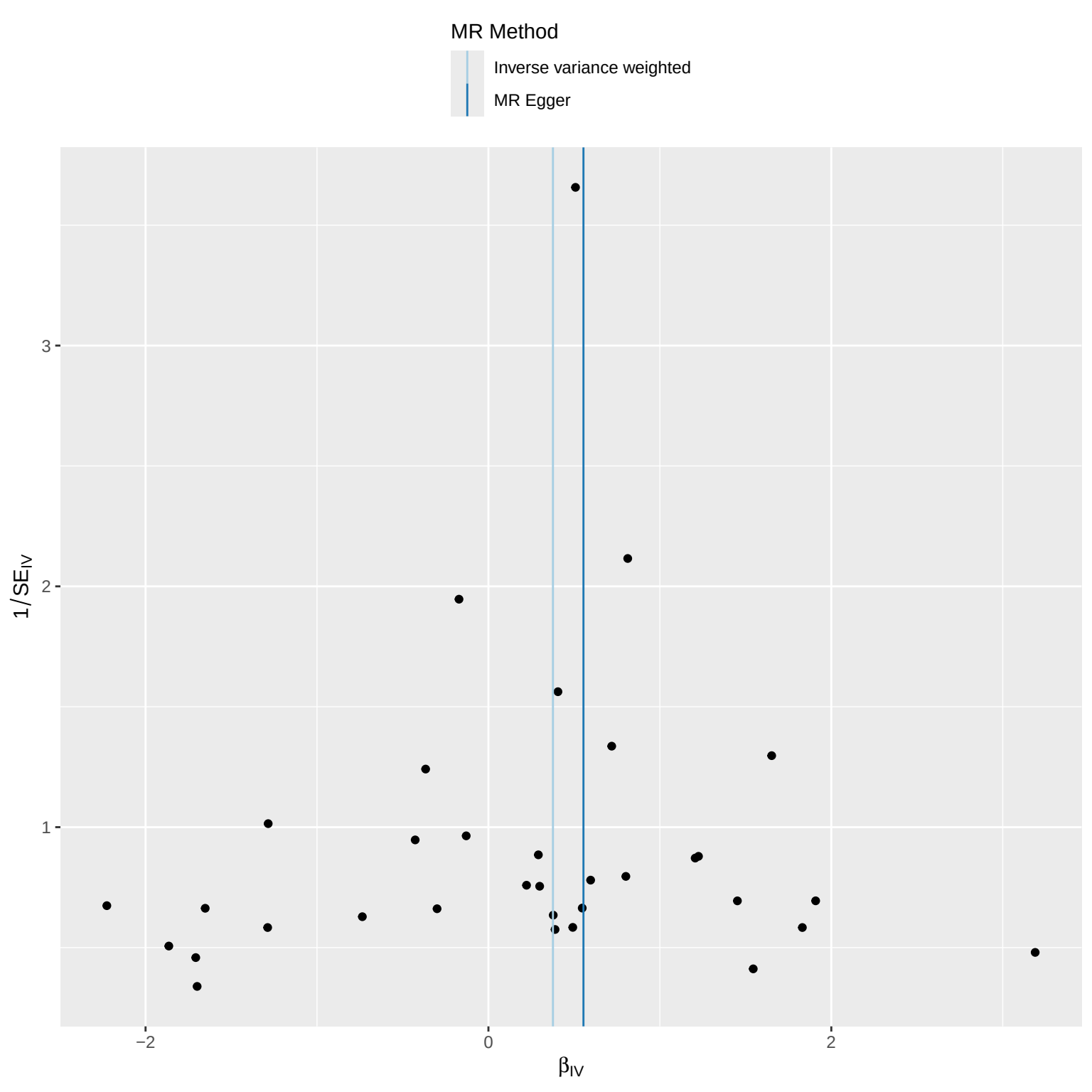

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

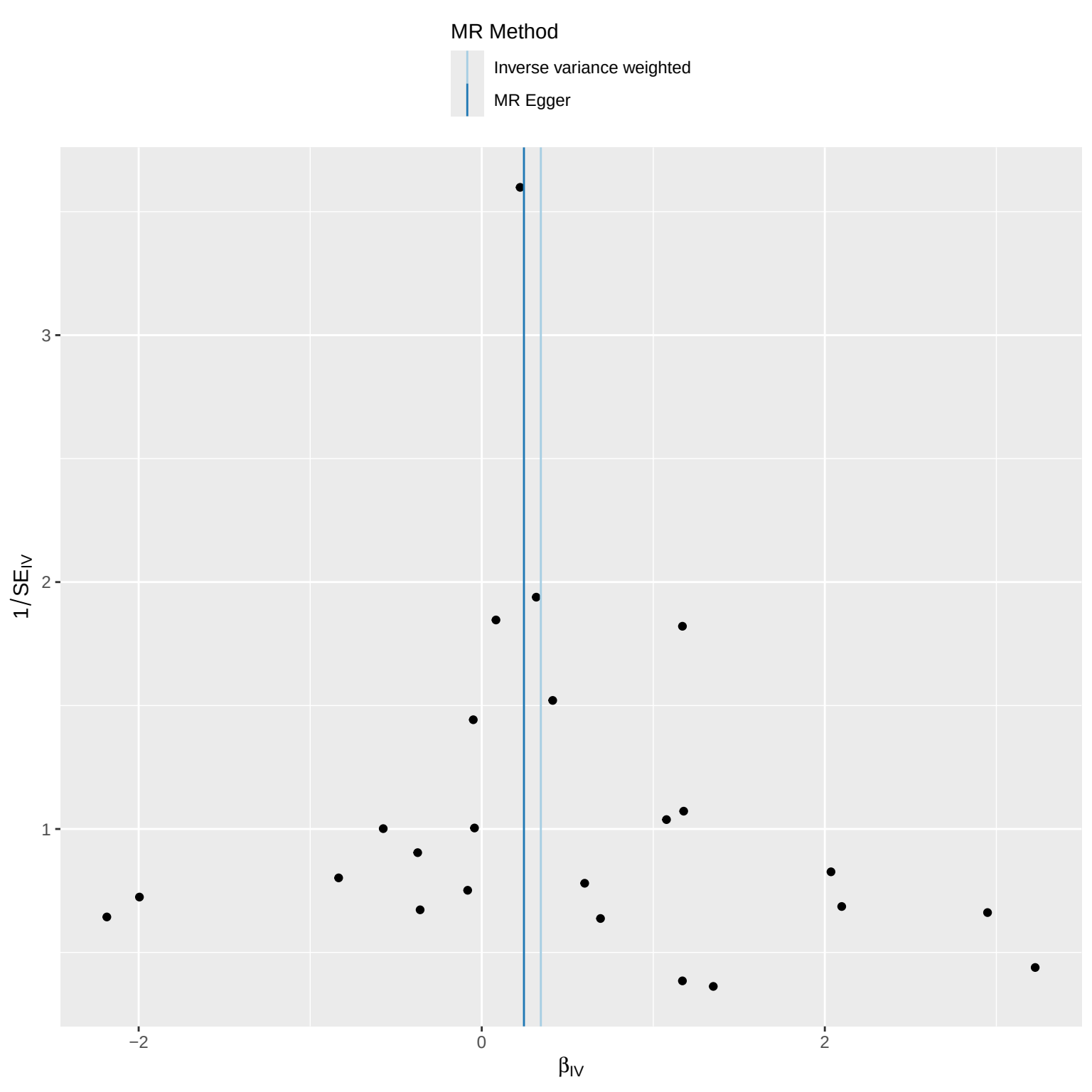

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

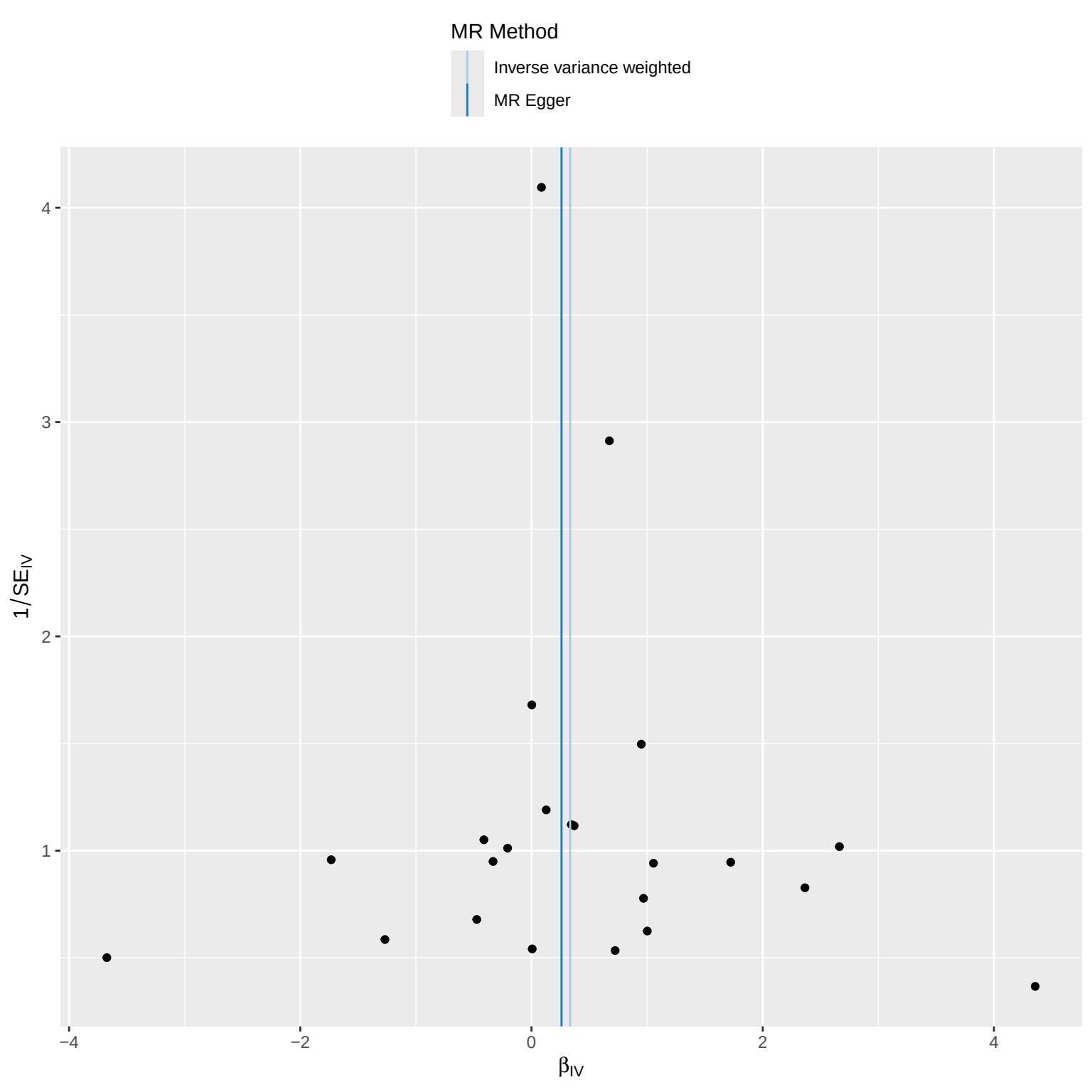

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
β_IV

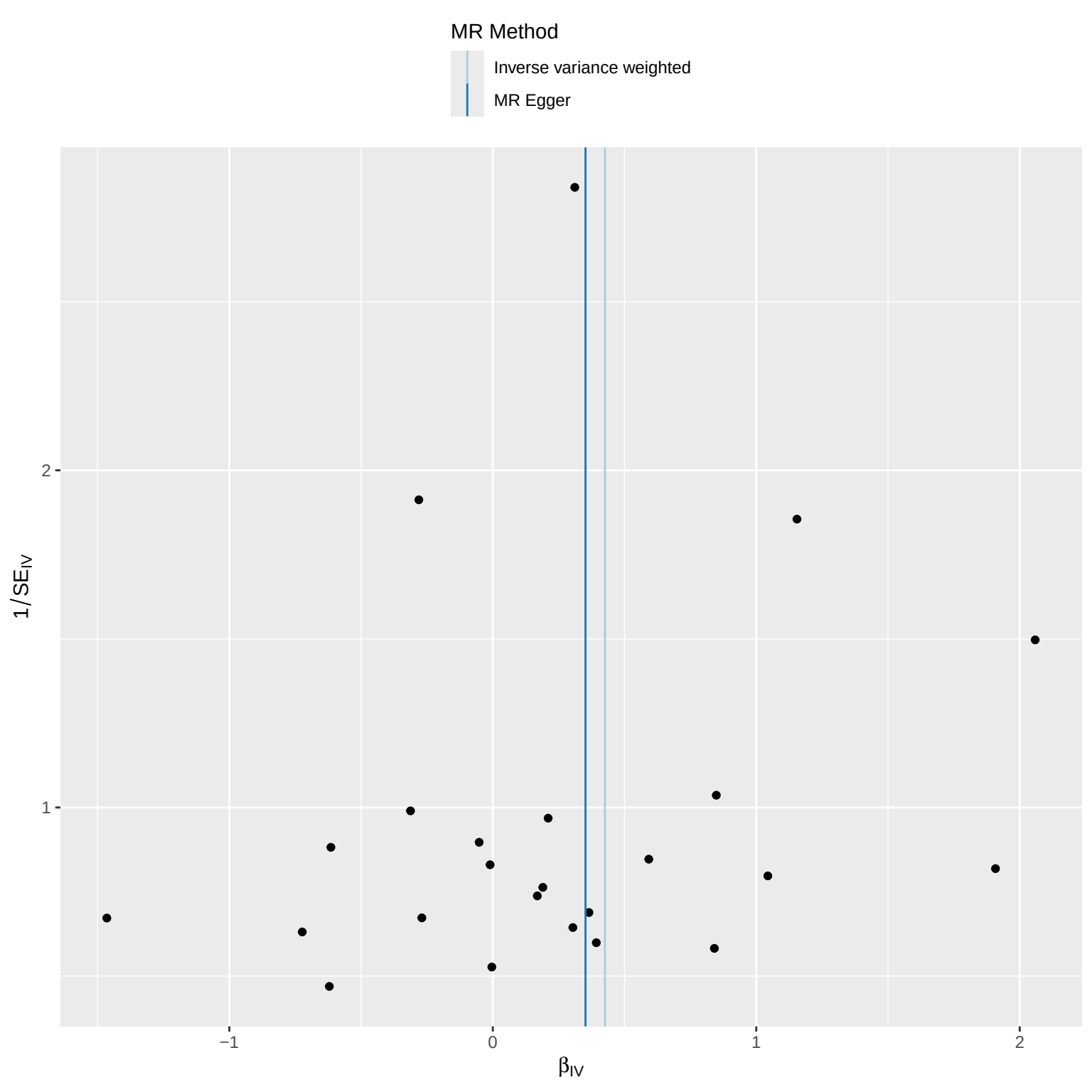

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−6
−4
−2
0
β_IV

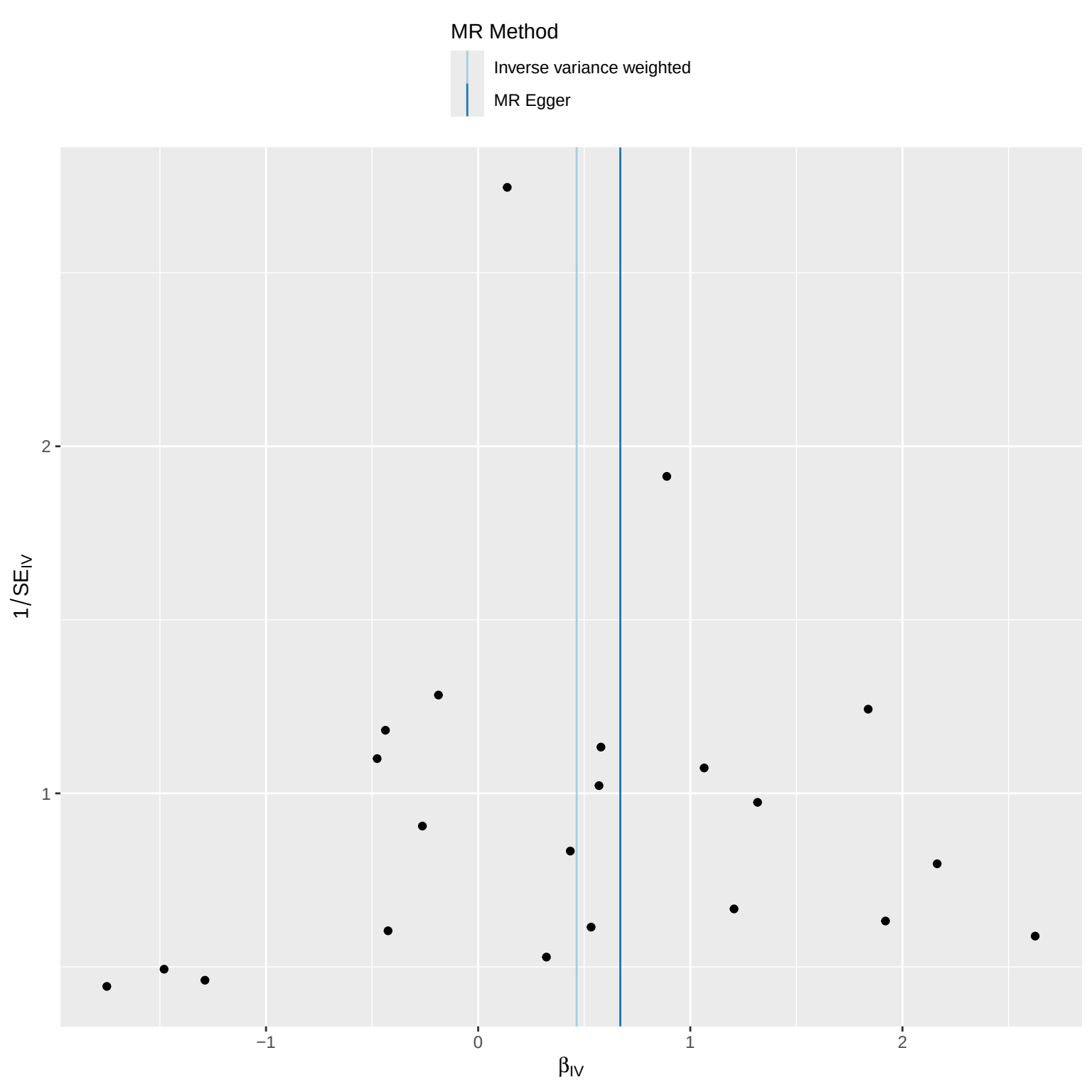

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

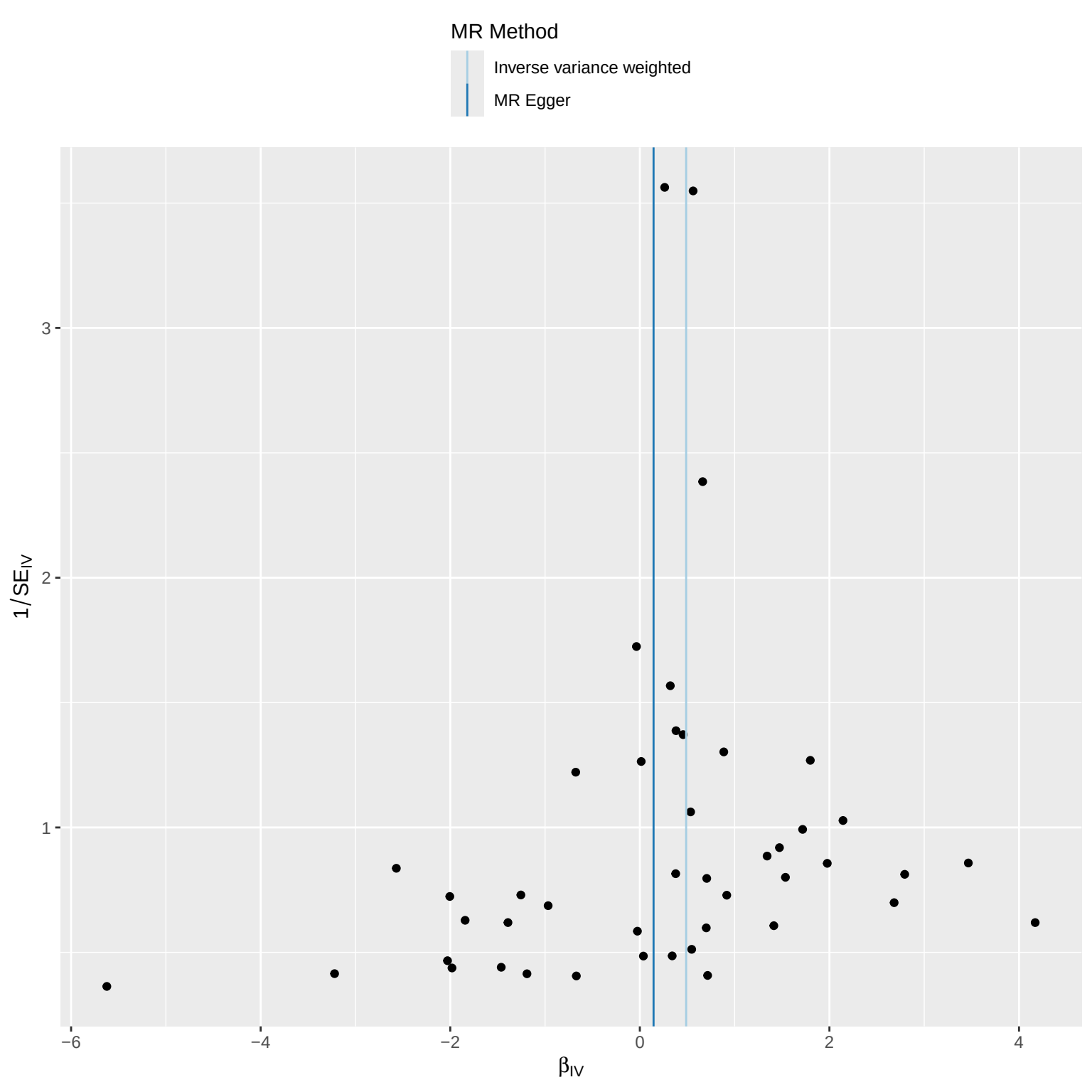

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

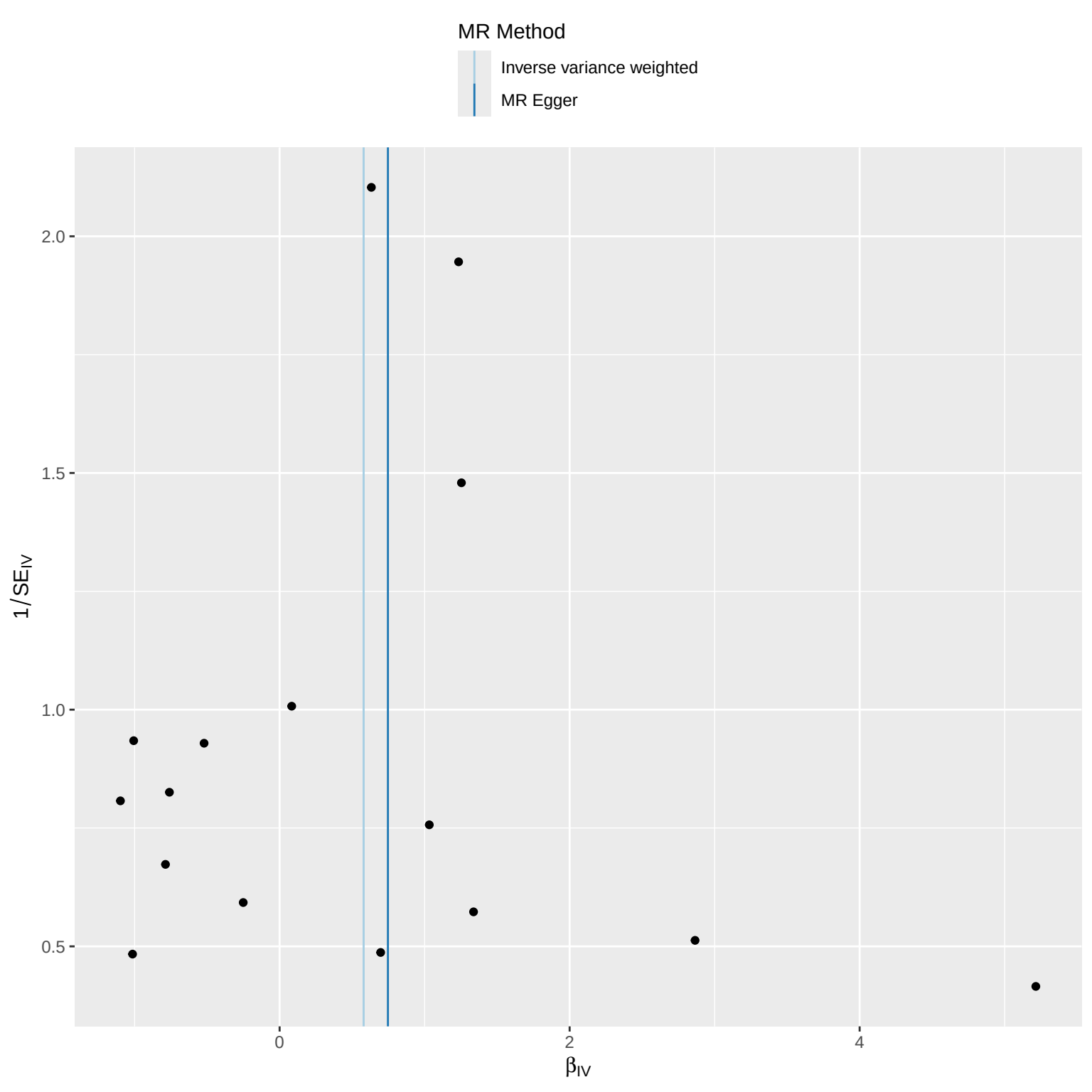

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

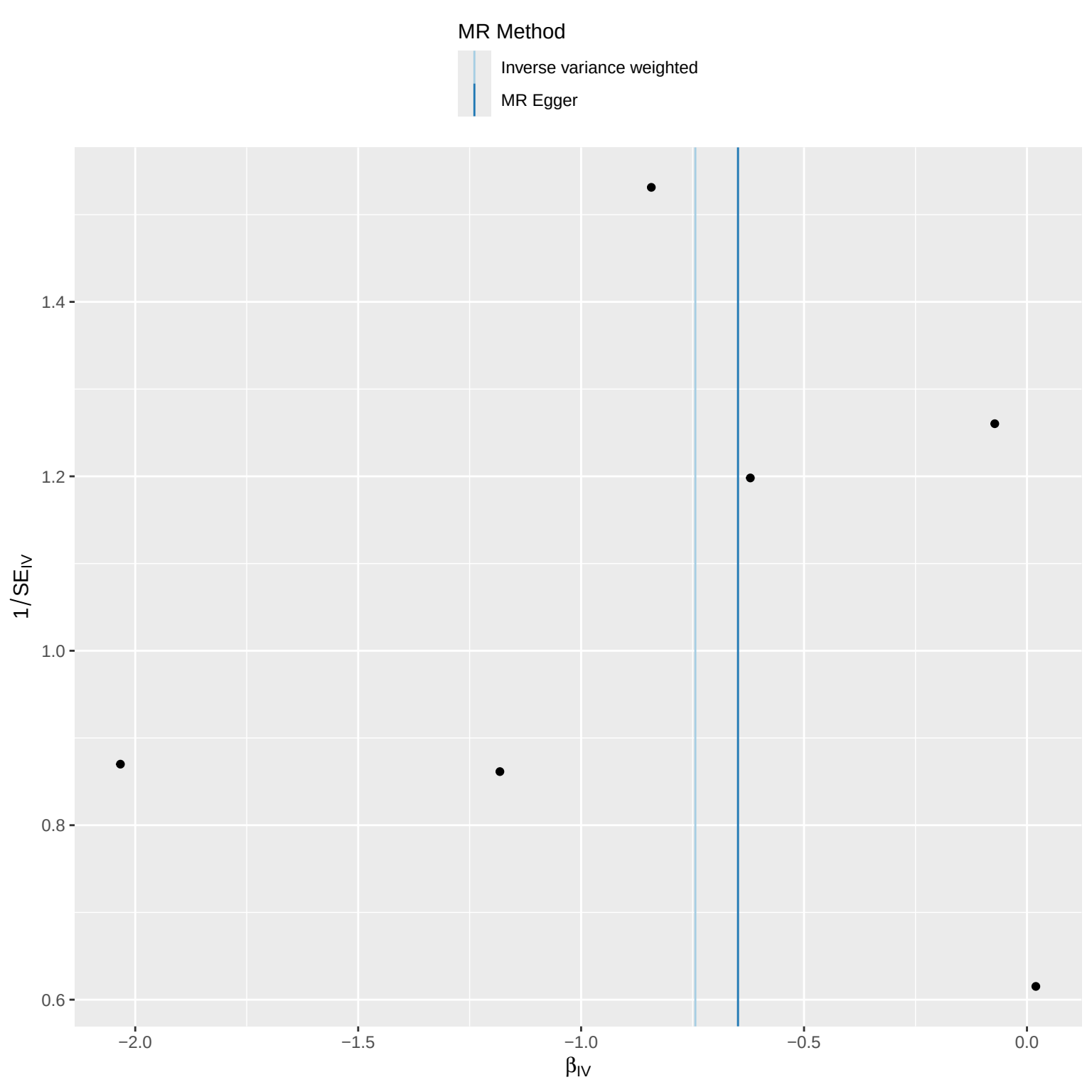

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

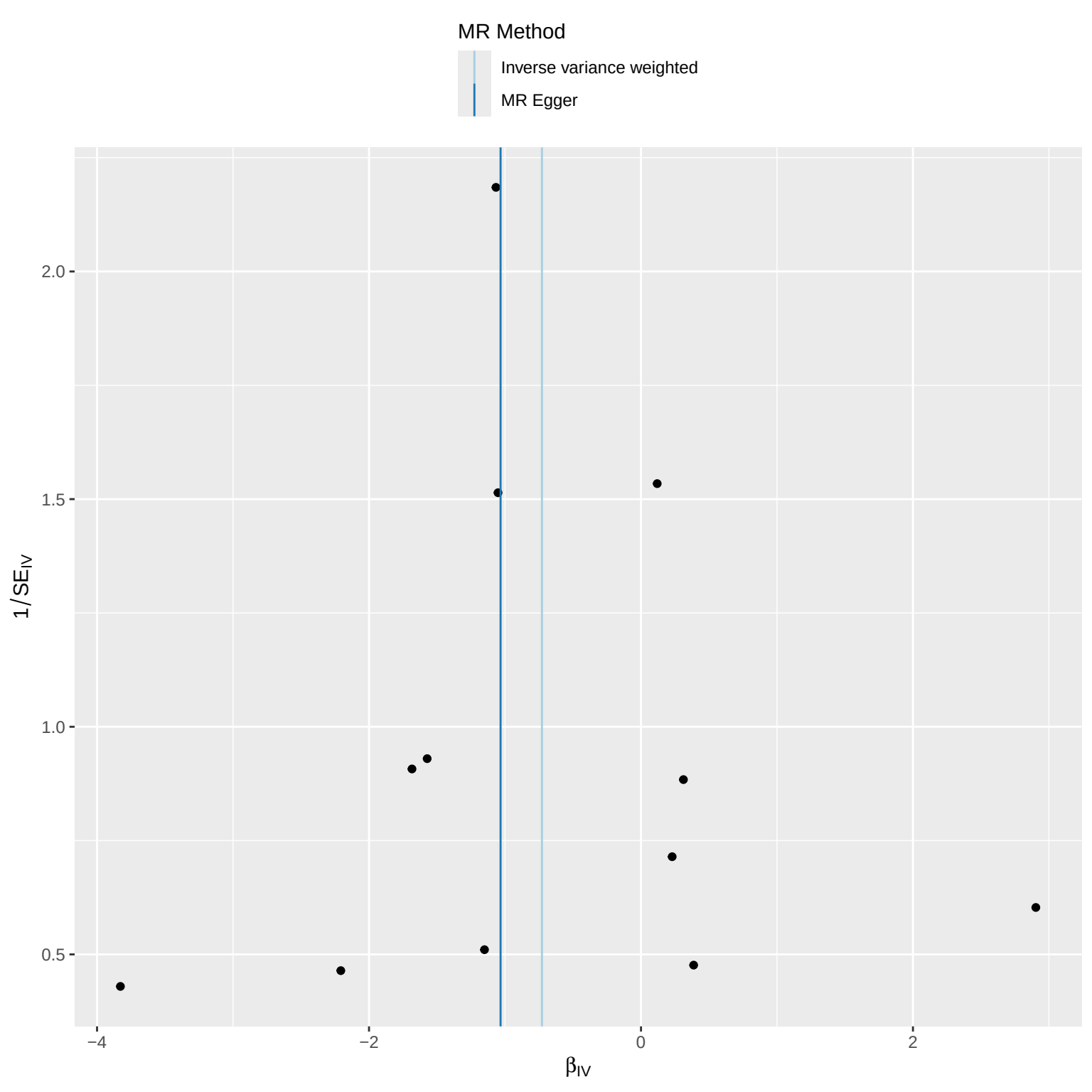

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

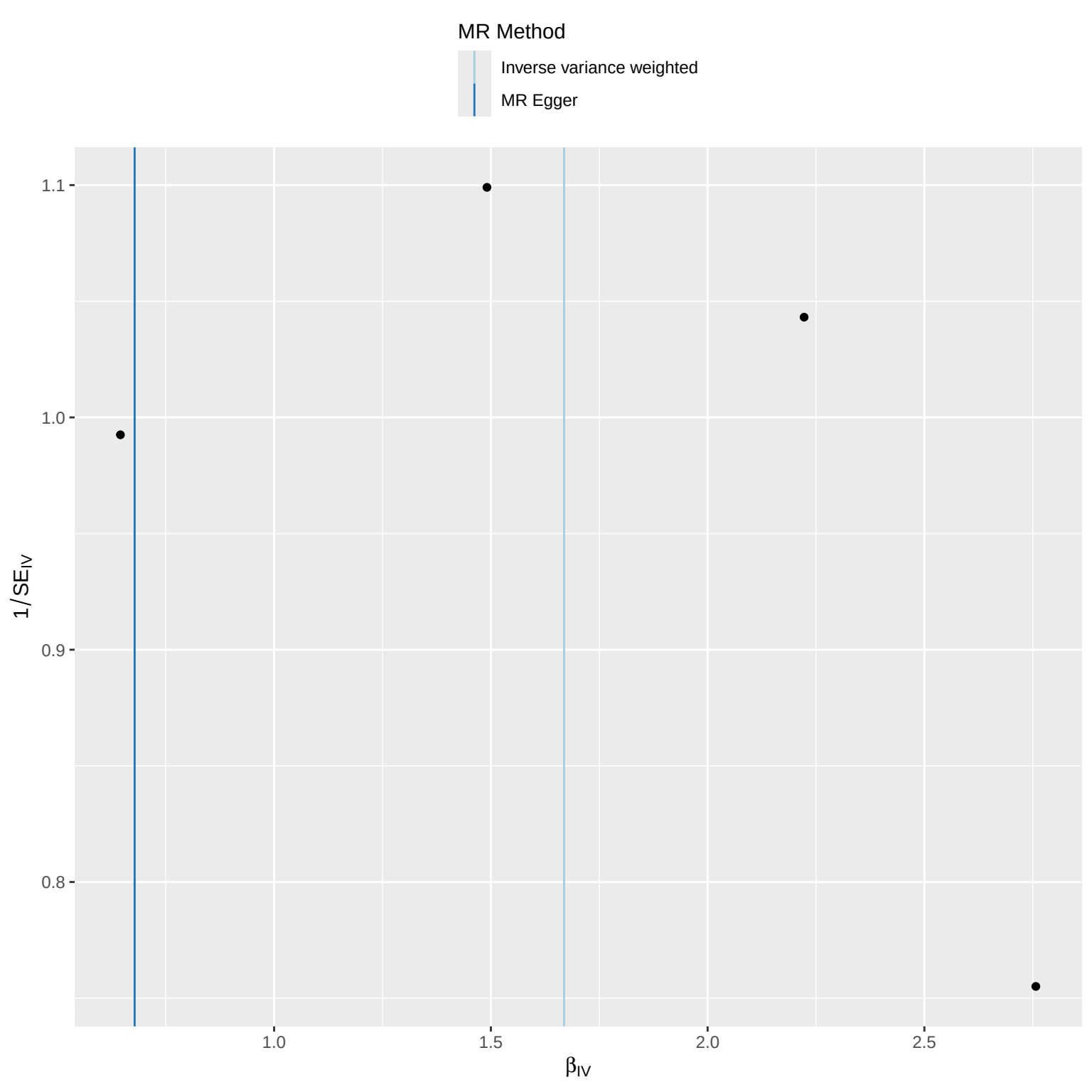

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

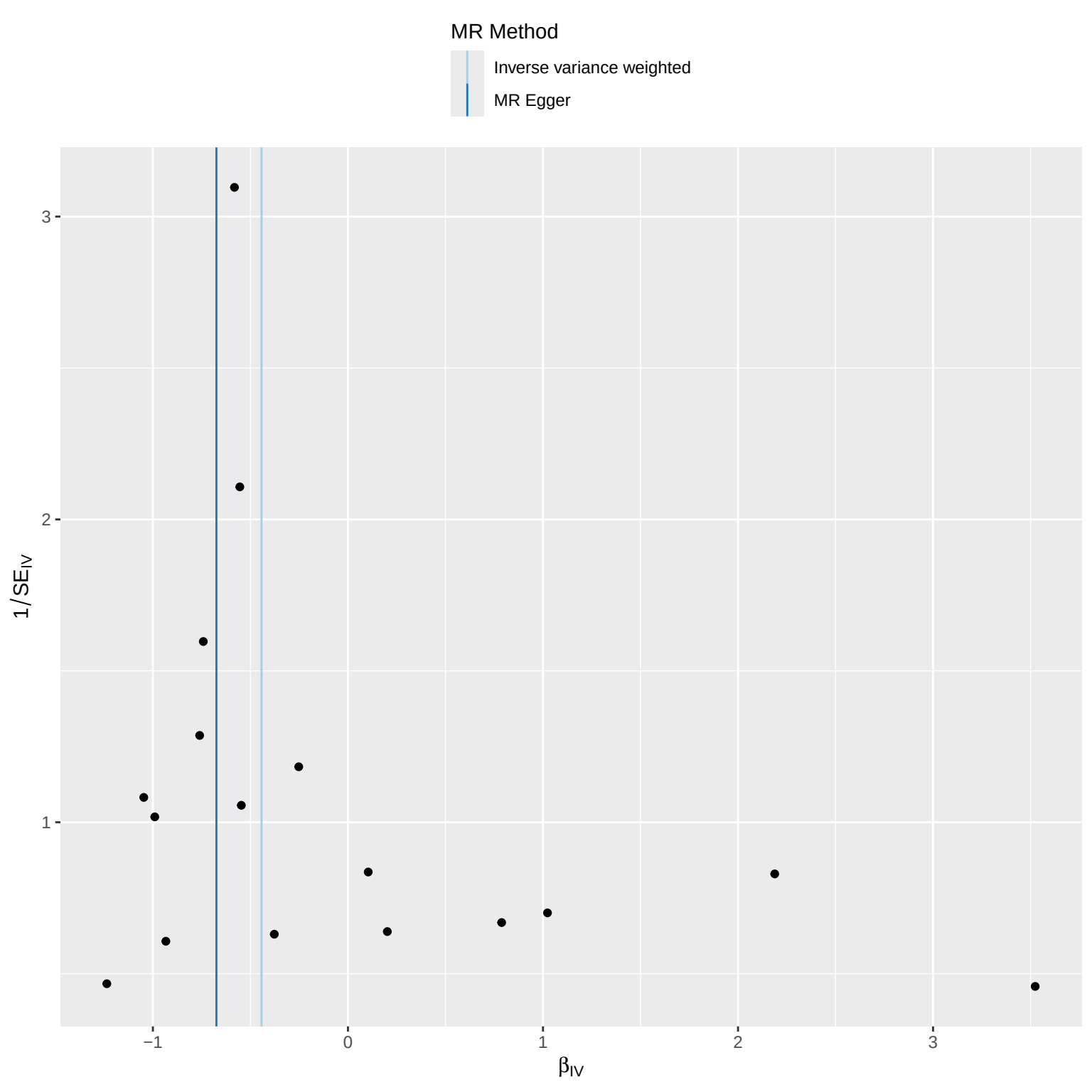

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
4
β_IV

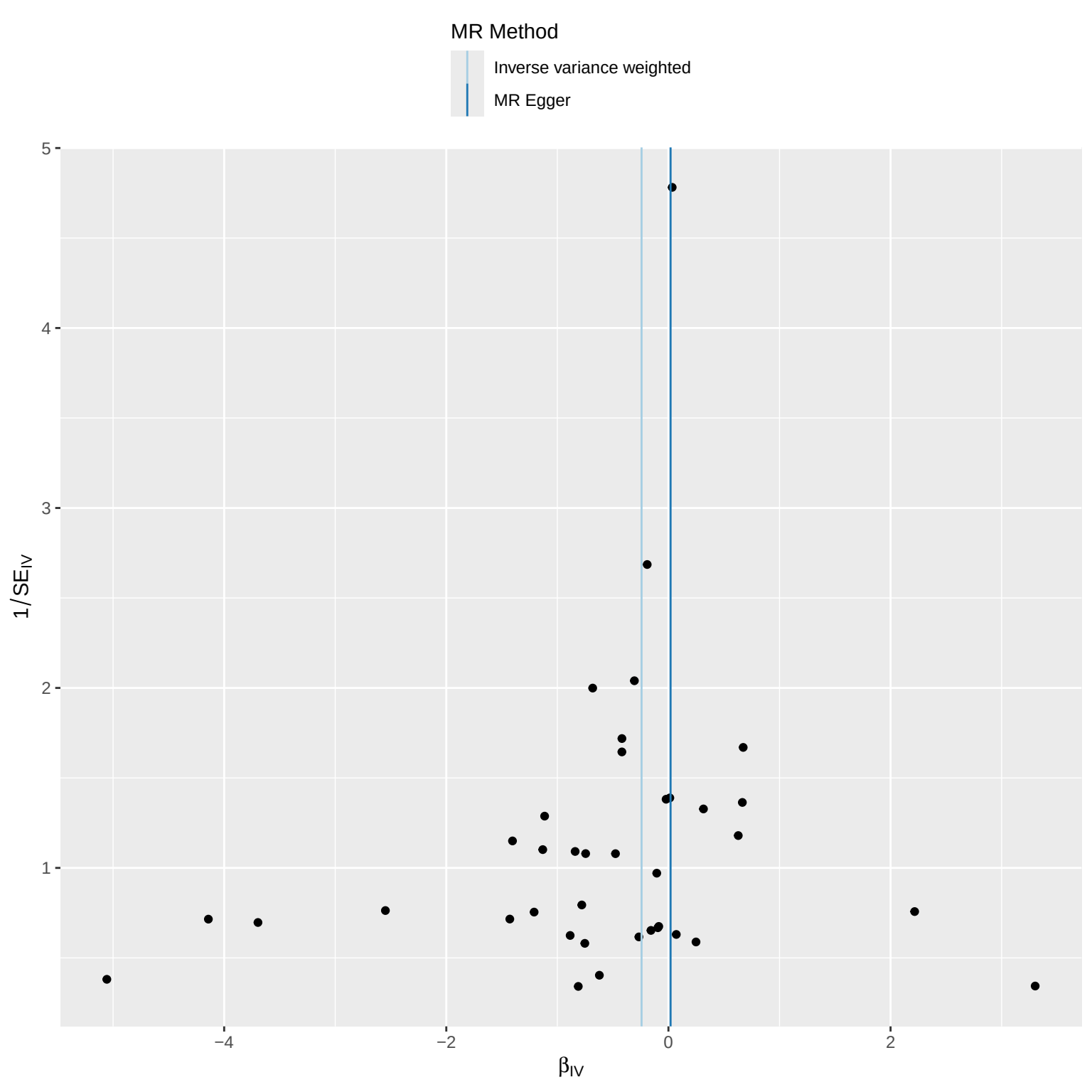

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

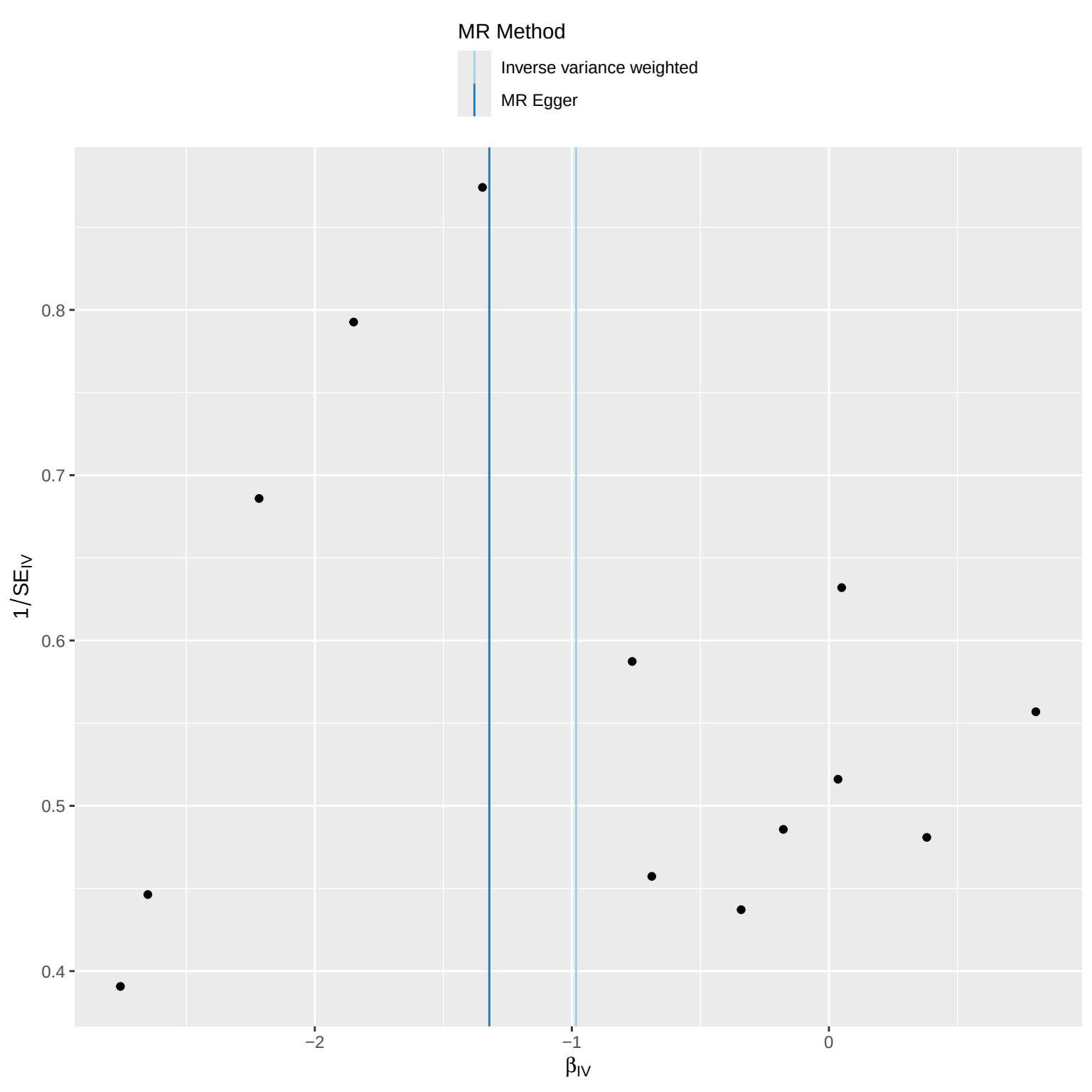

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

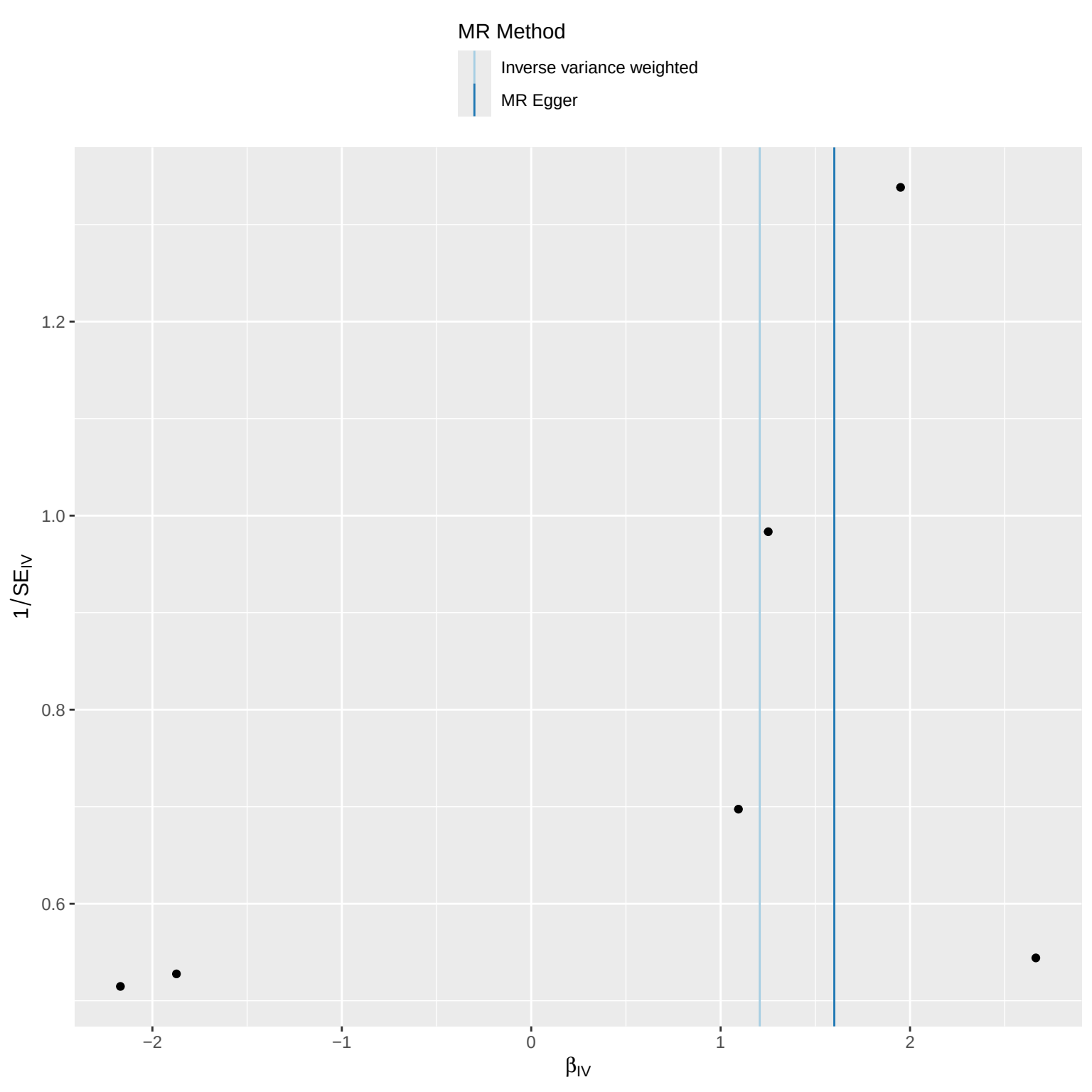

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

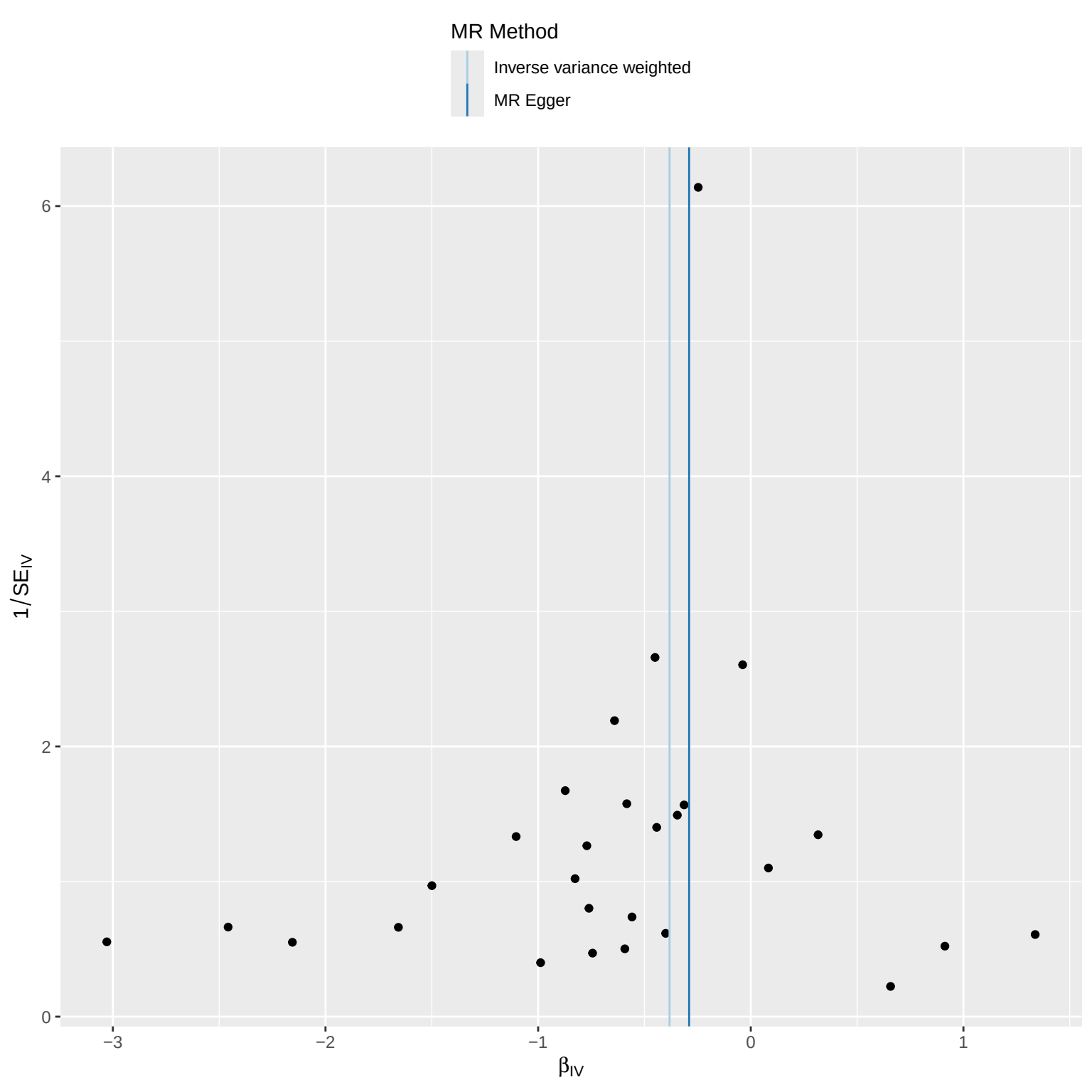

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

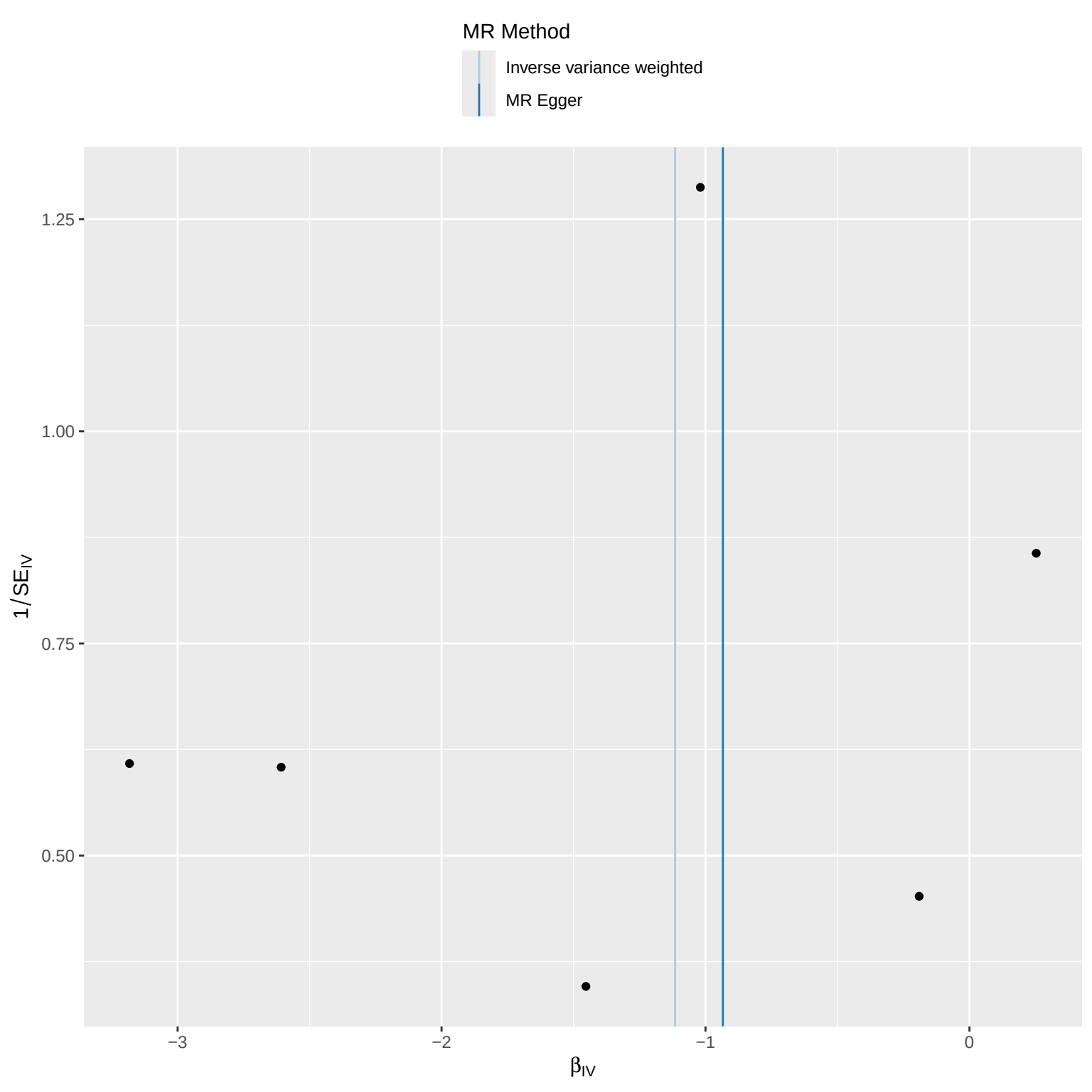

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

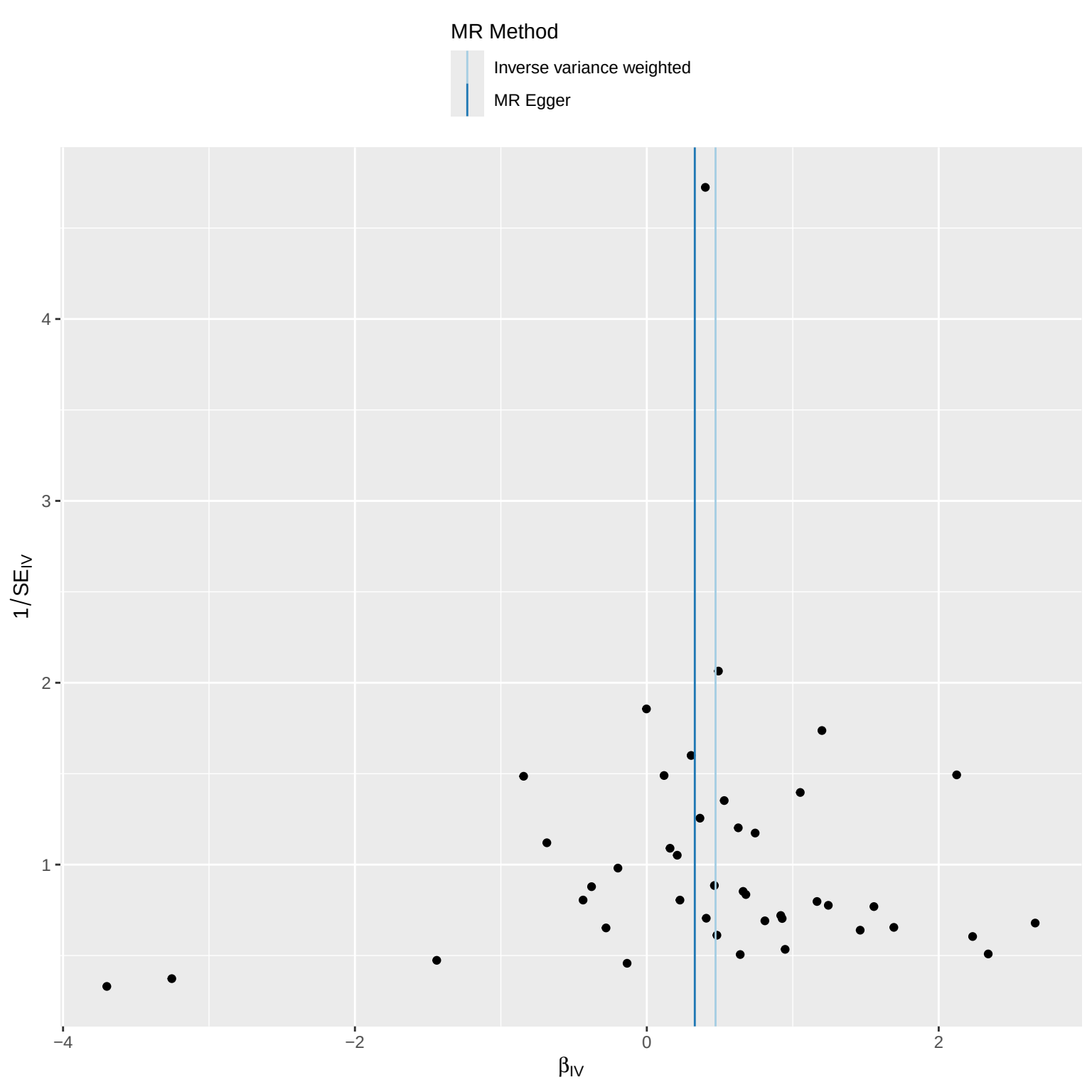

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

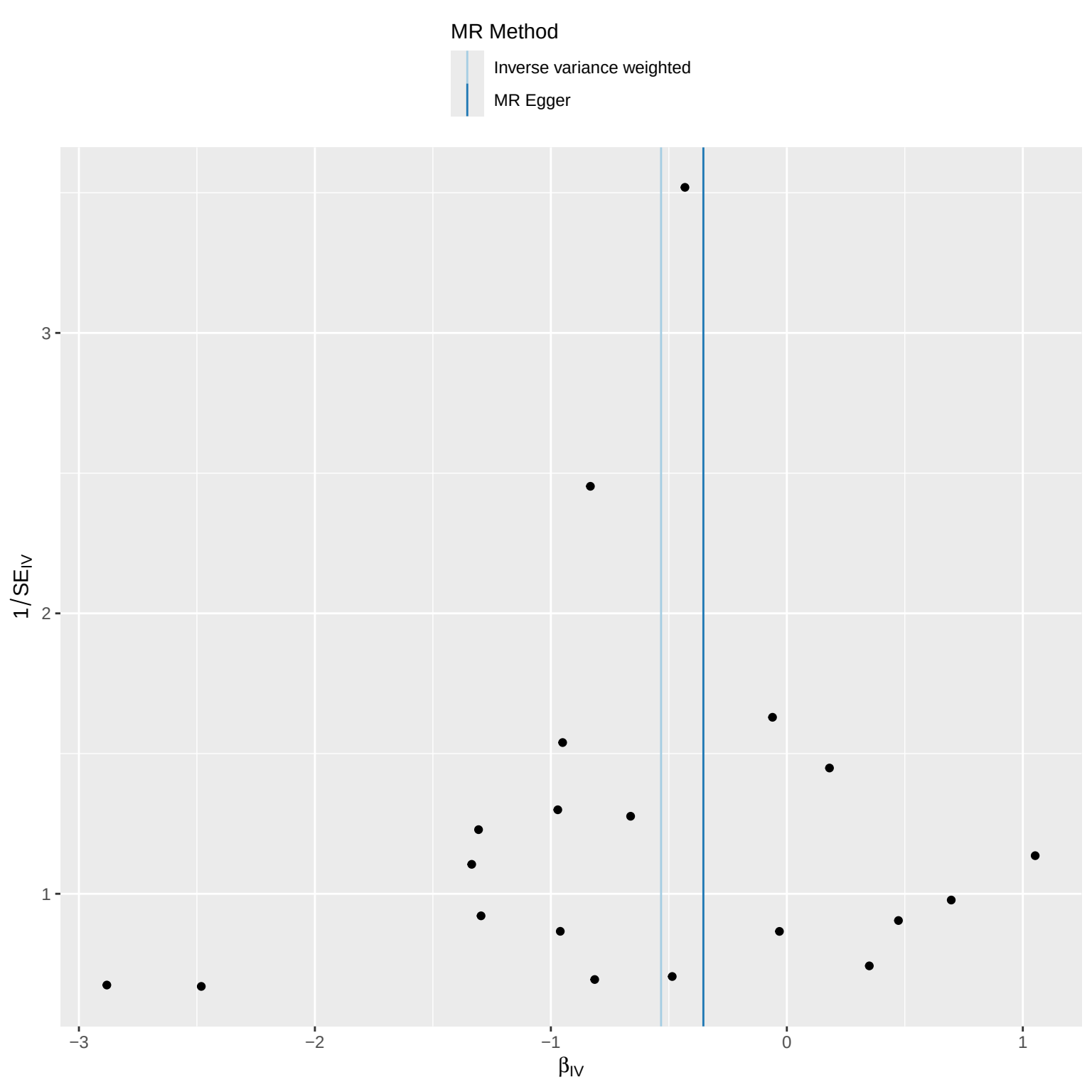

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−2
−1
0
β_IV

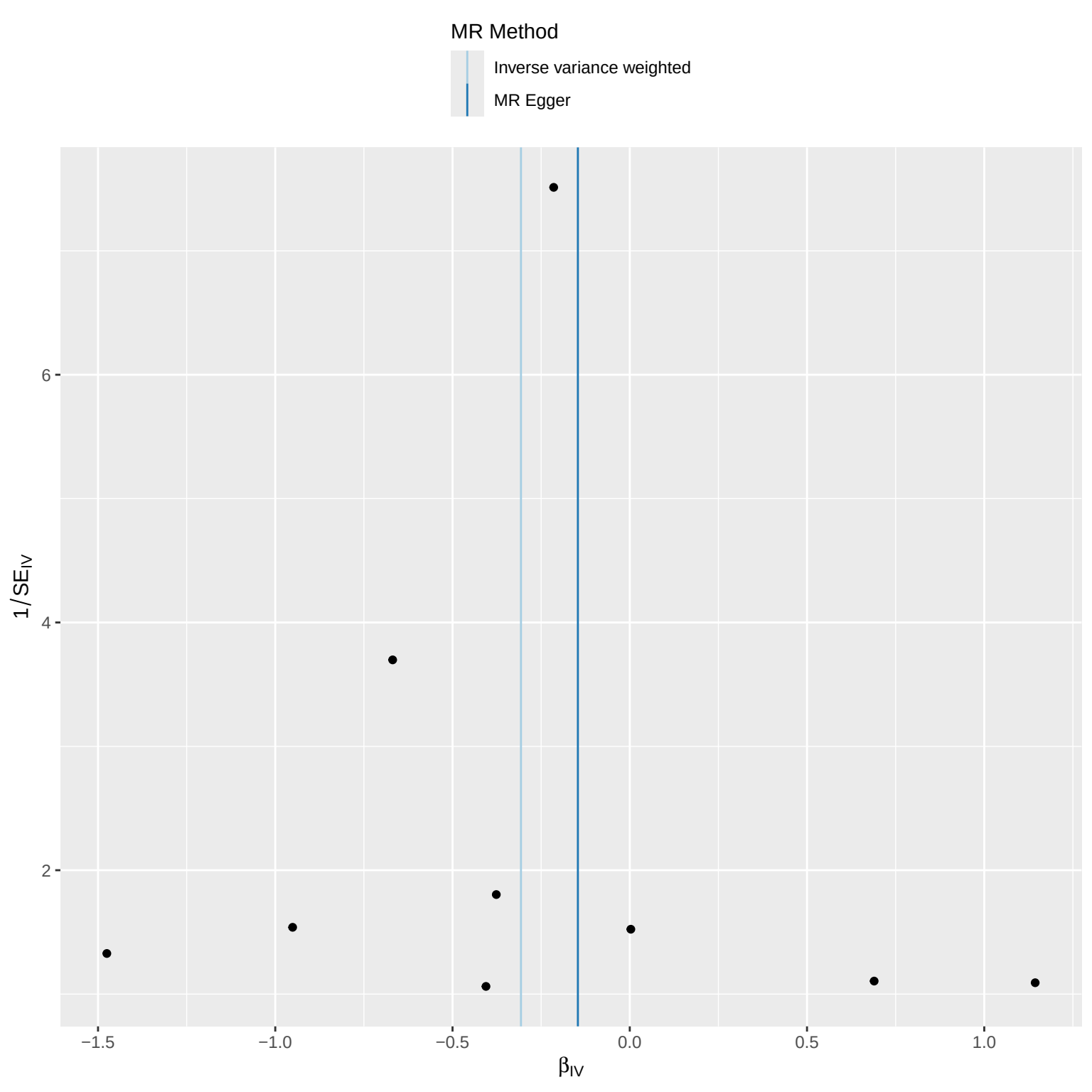

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2
−1
0
1
2
β_IV

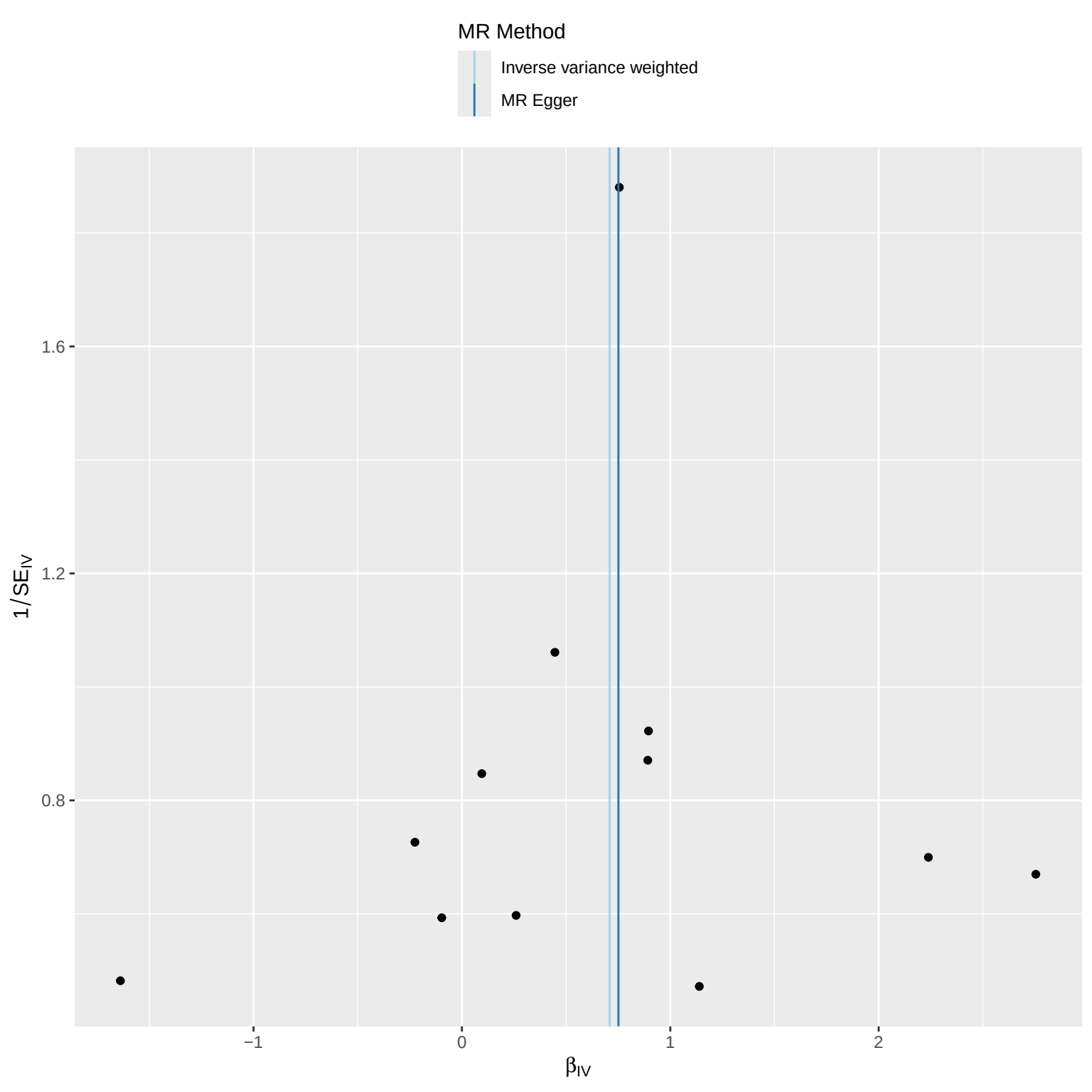

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−3
−2
−1
0
1
β_IV

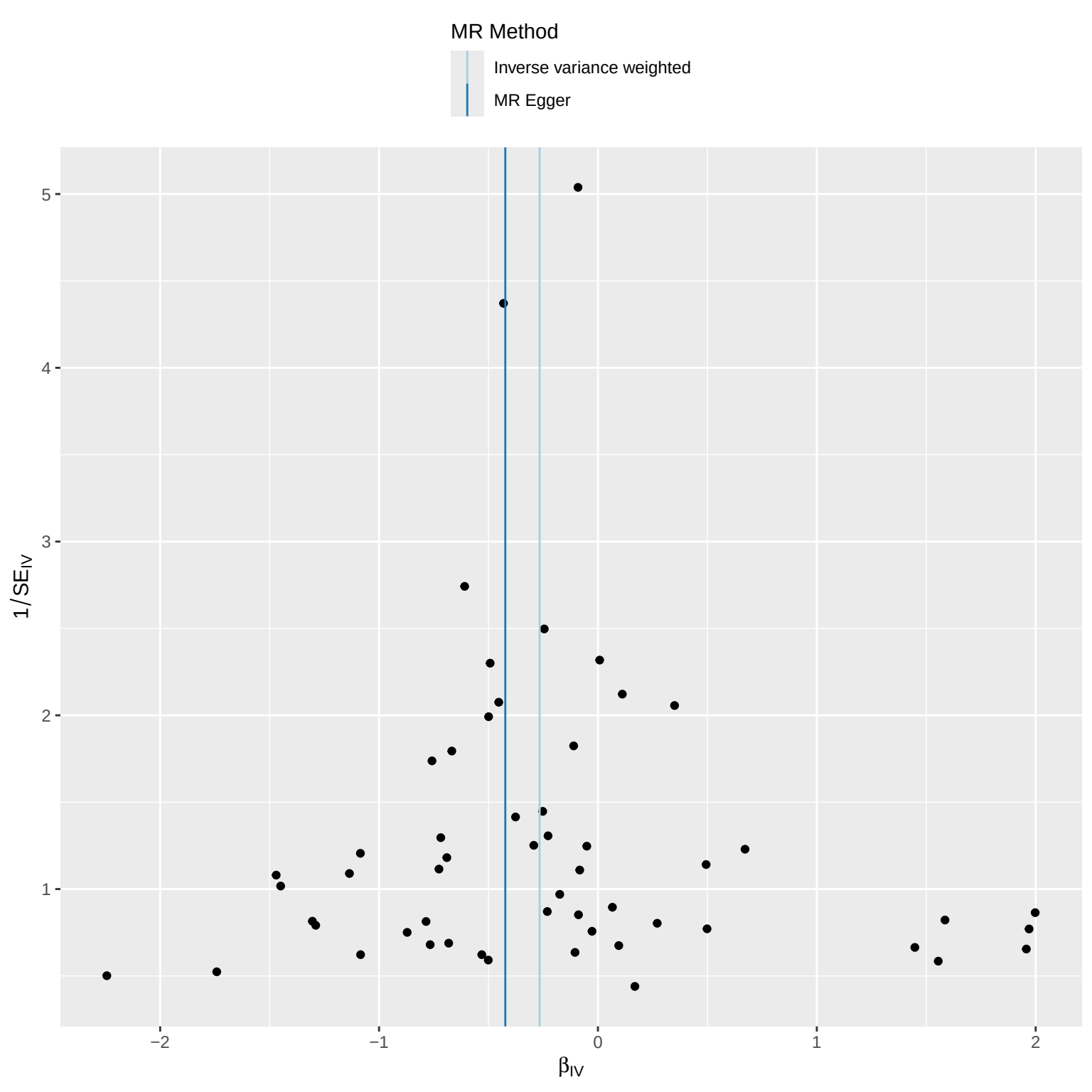

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
β_IV

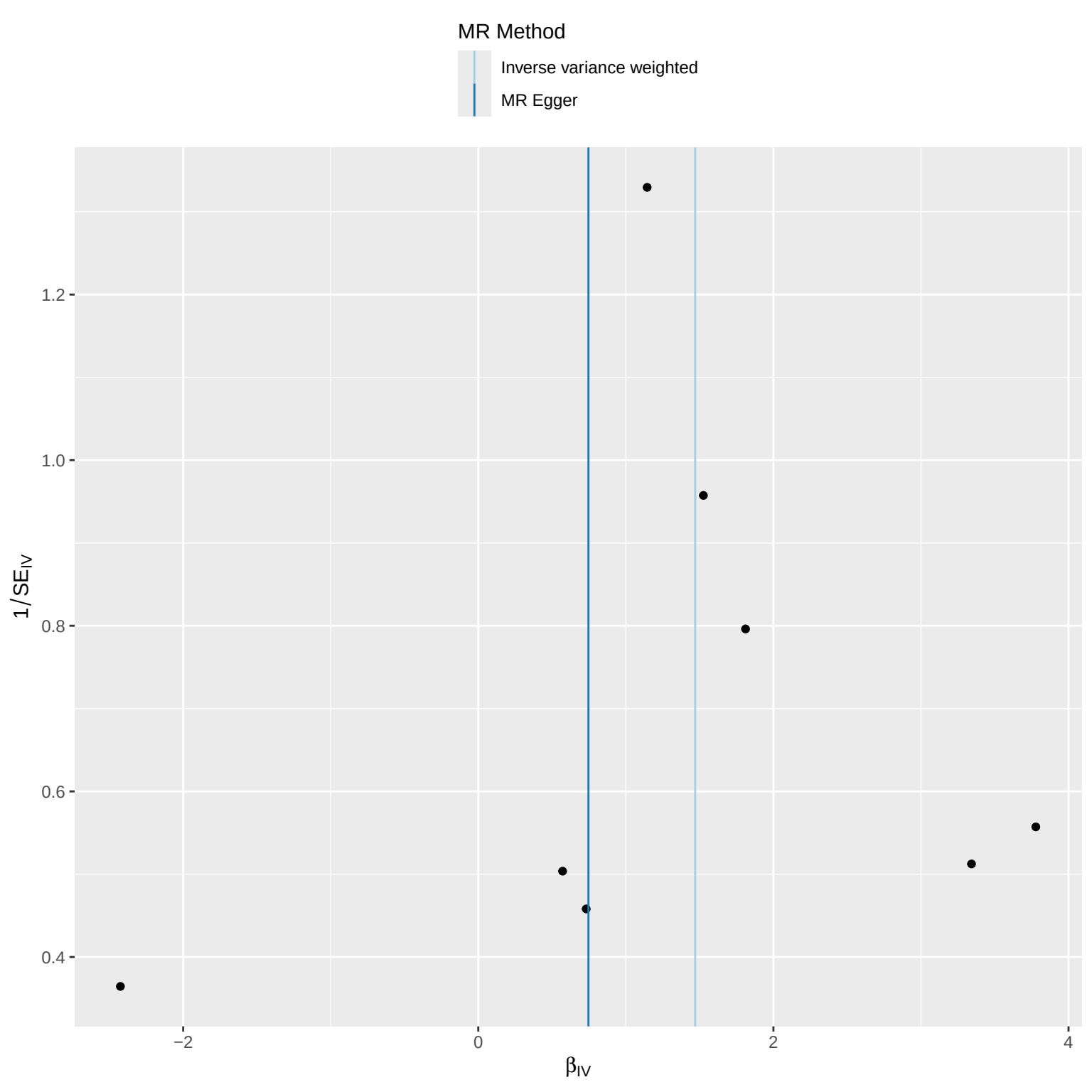

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

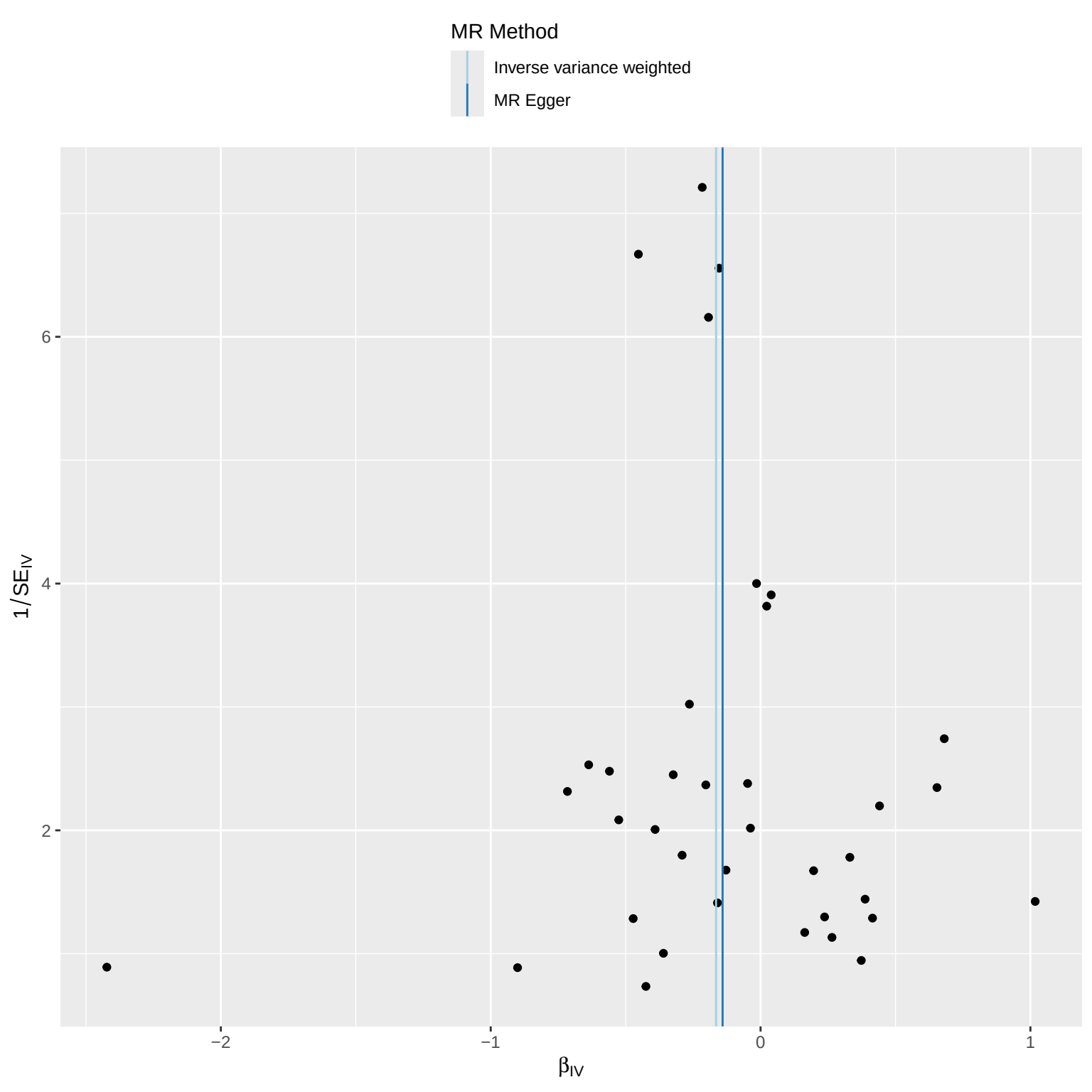

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

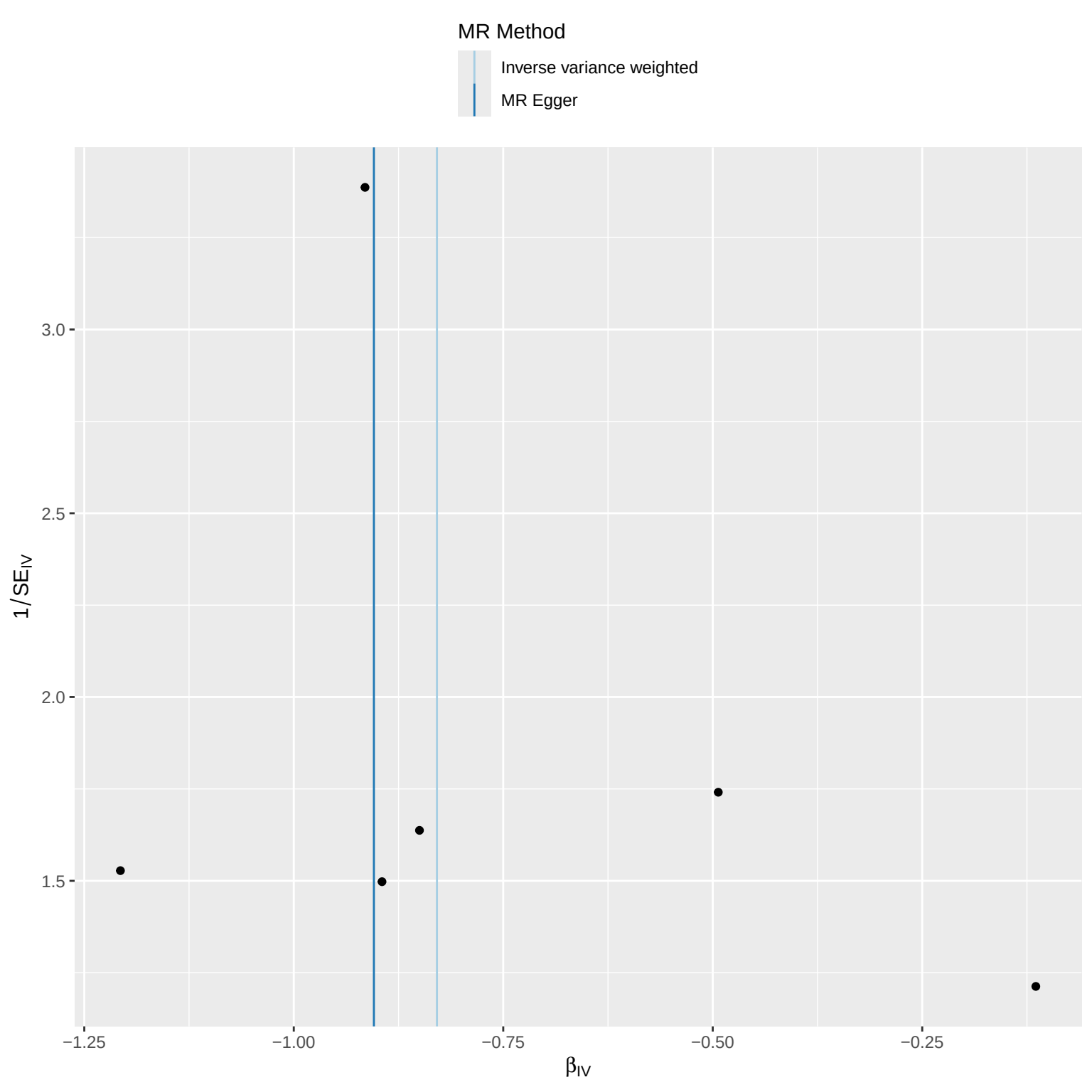

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

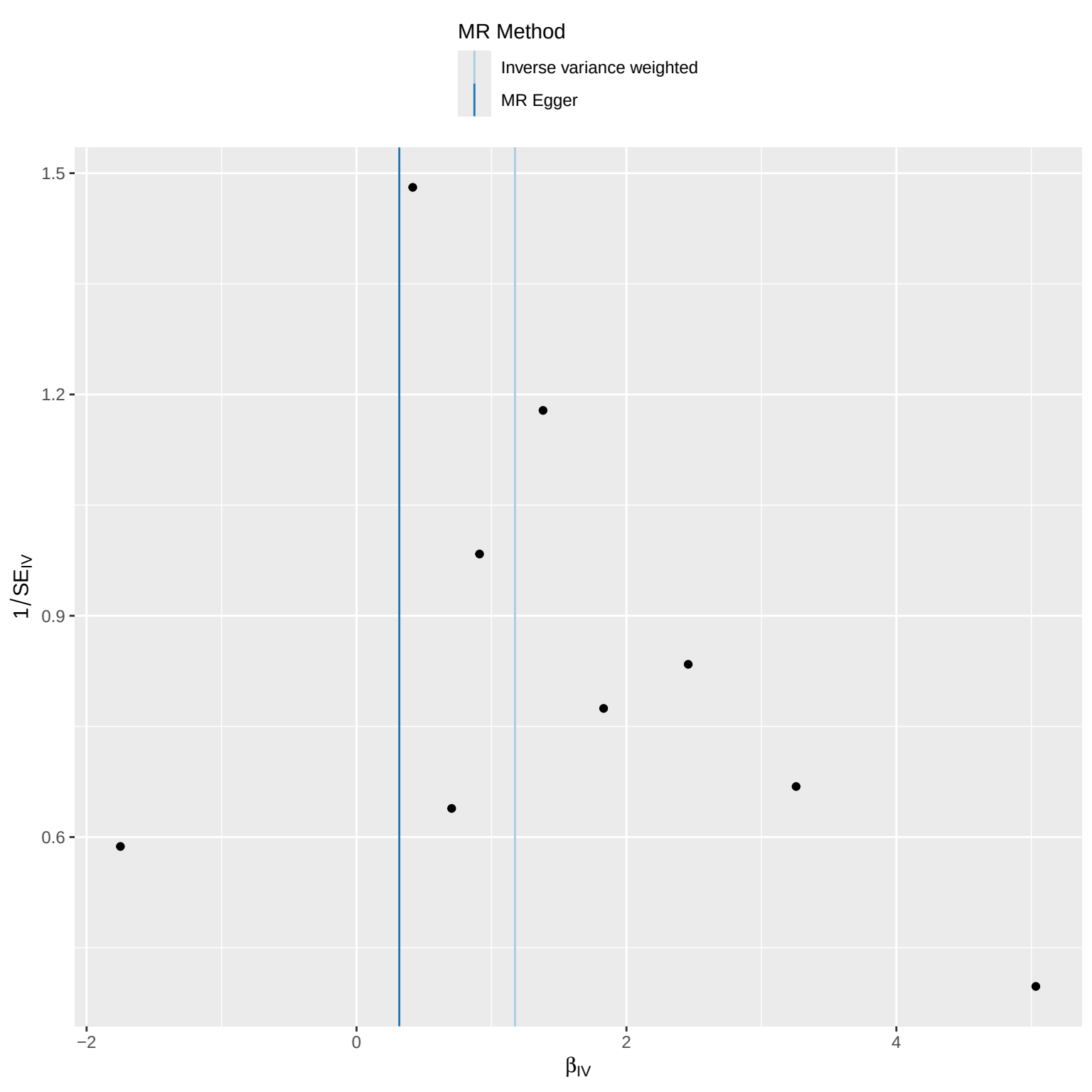

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−1
0
1
2
β_IV

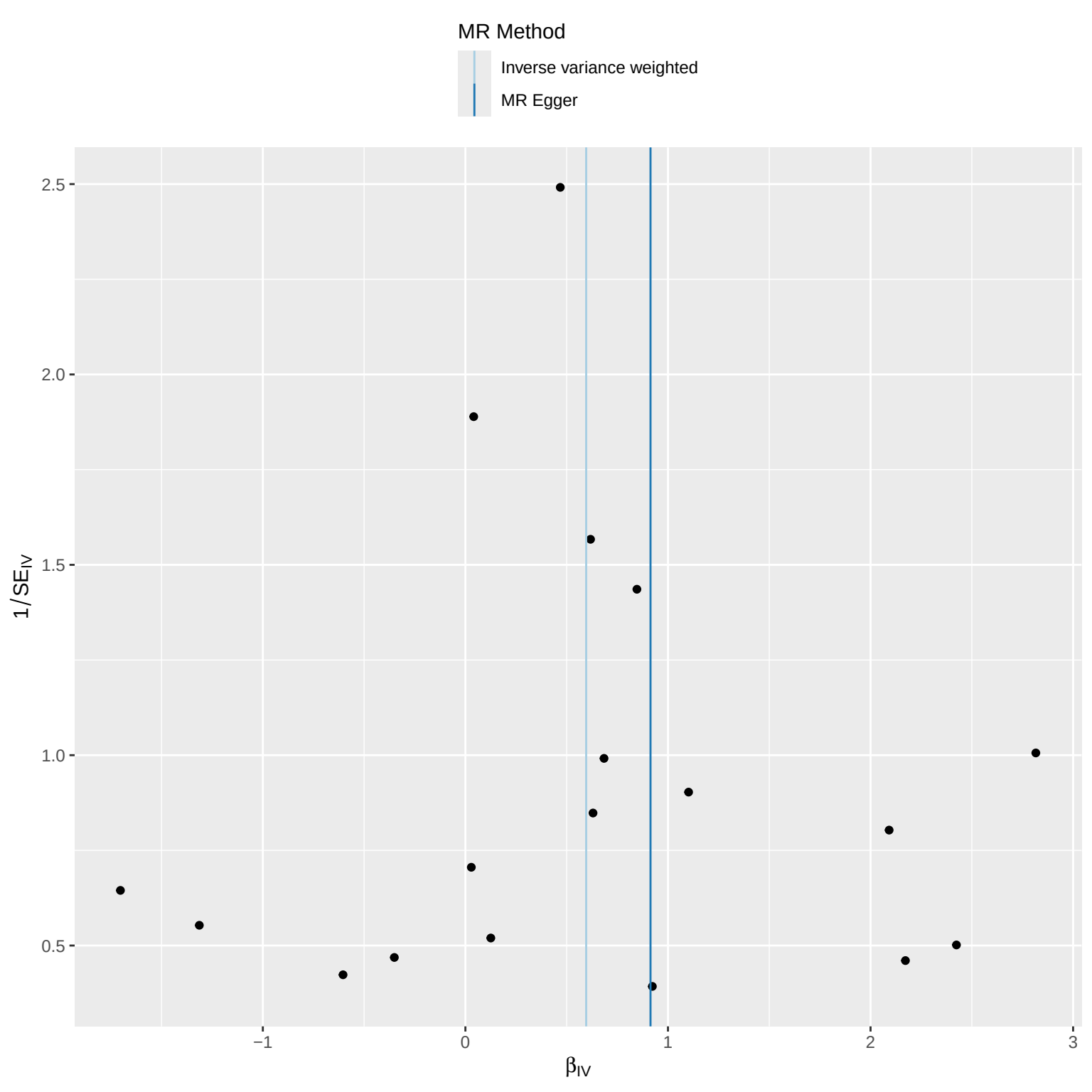

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

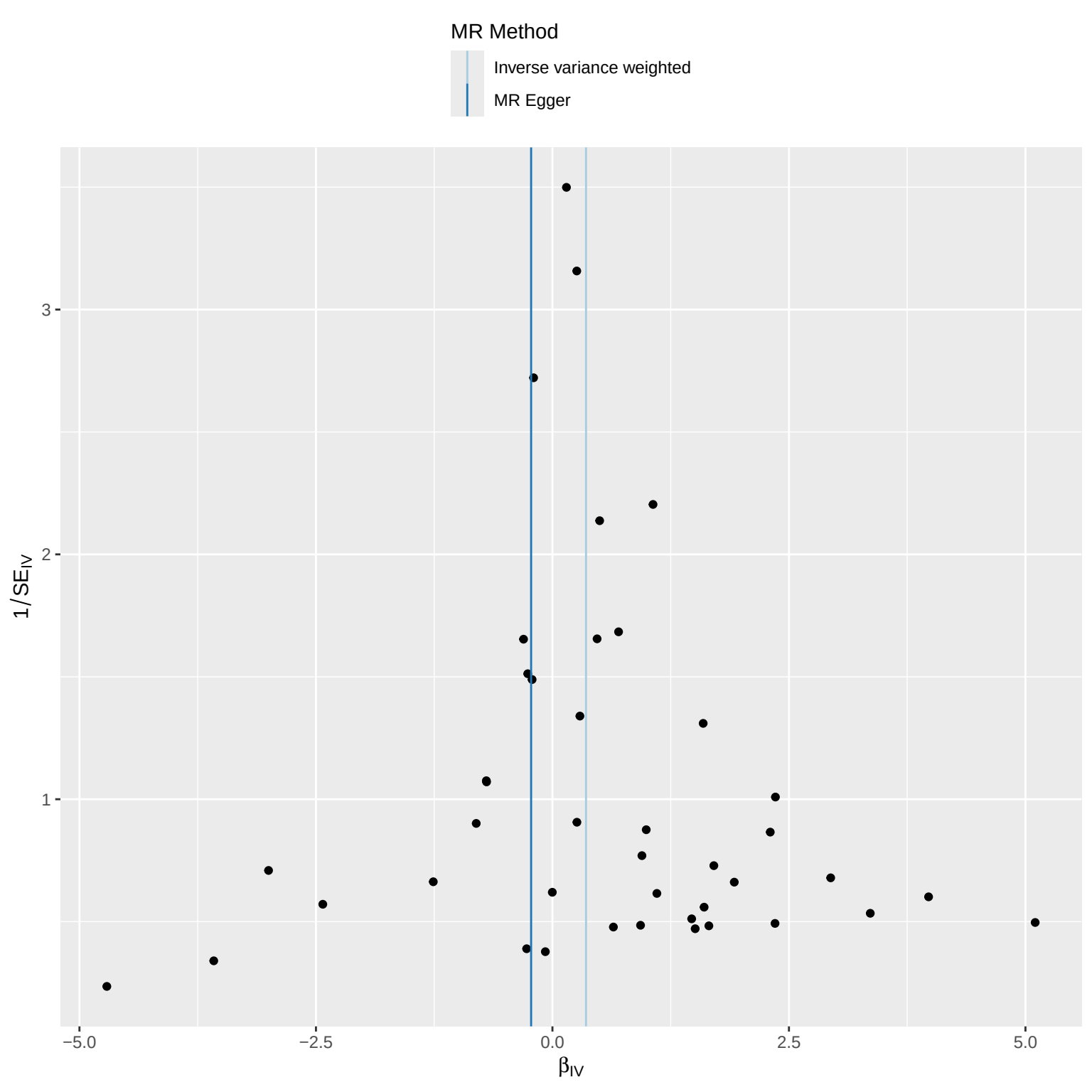

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
4
β_IV

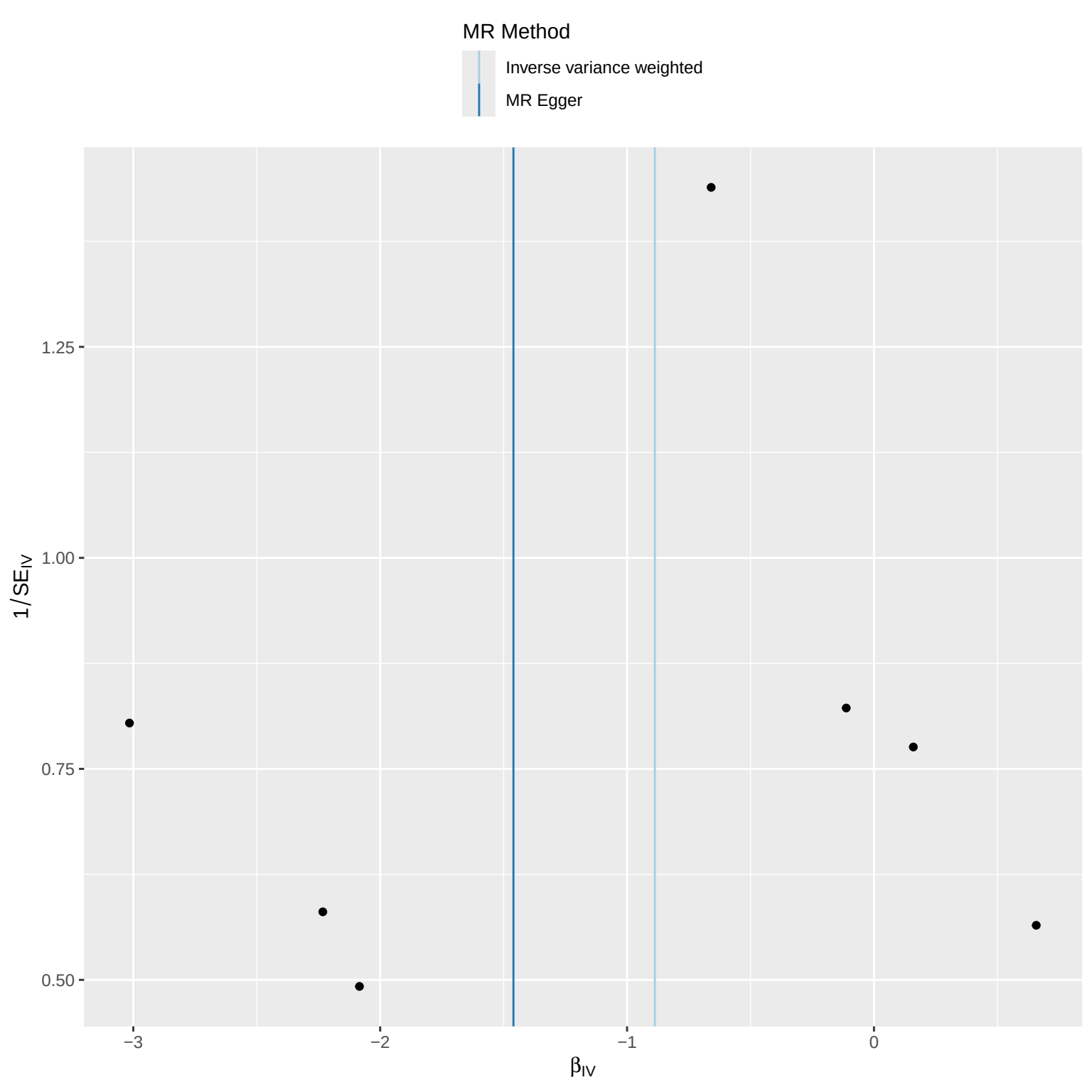

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

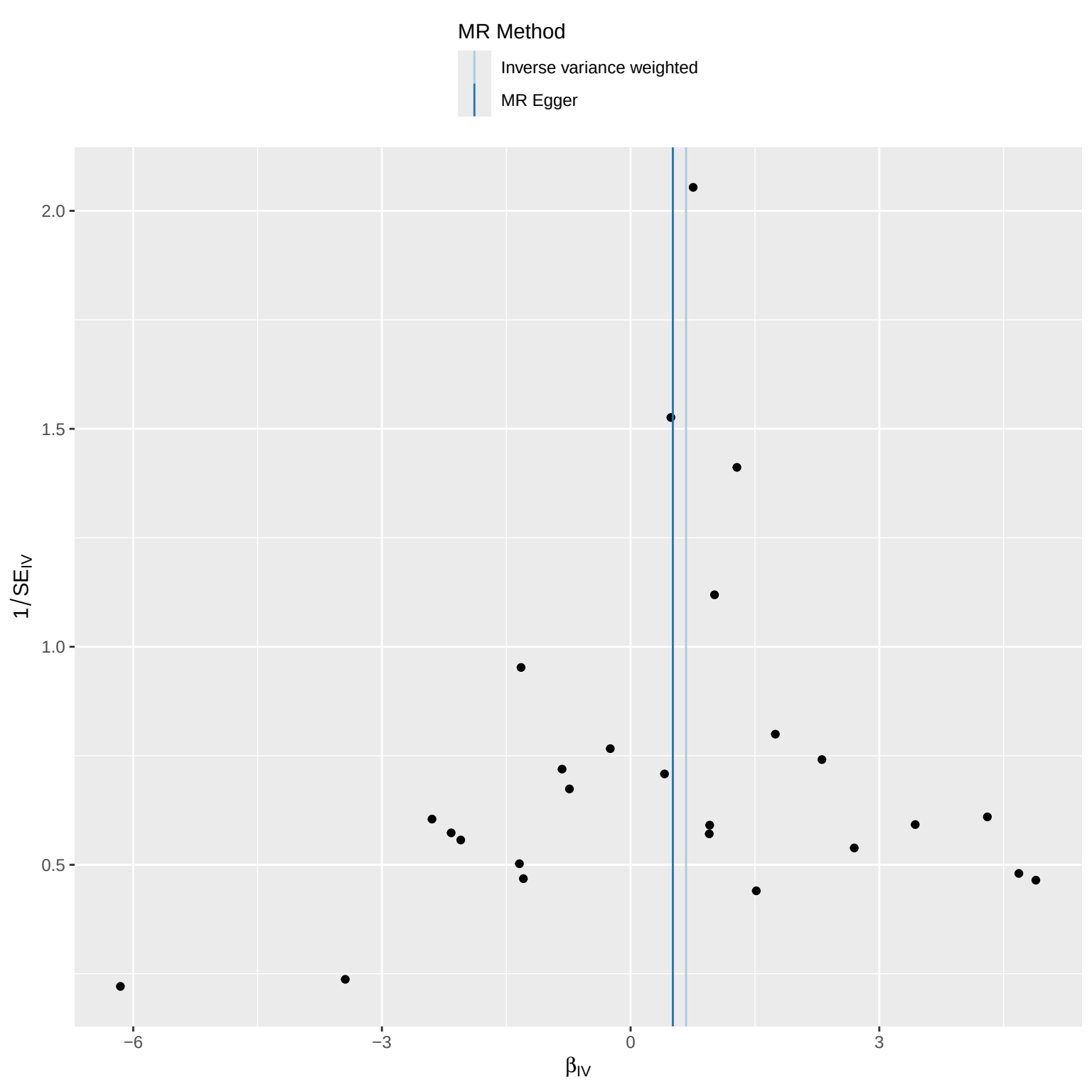

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.25
−1.00
−0.75
−0.50
−0.25
β_IV

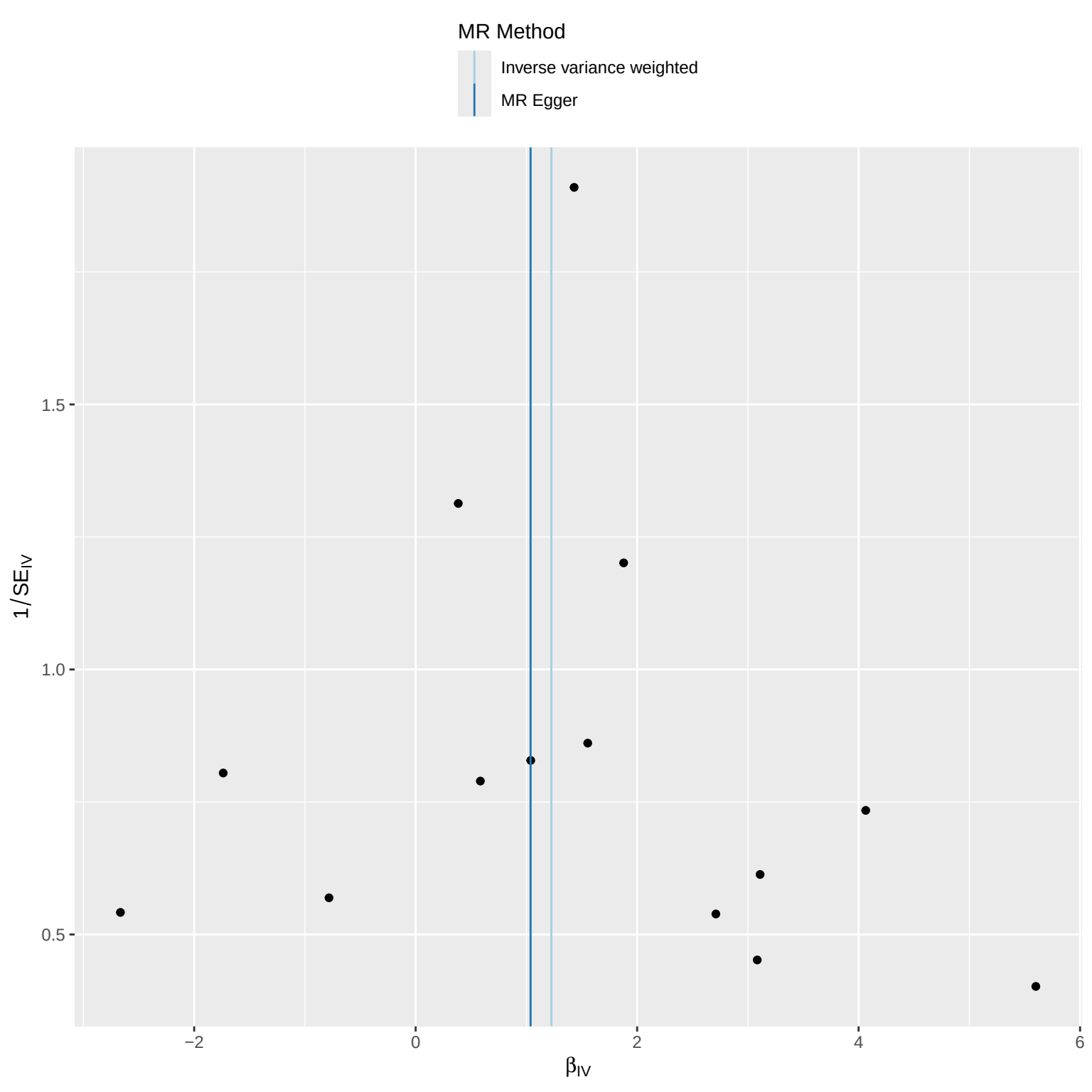

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
0
2
4
β_IV

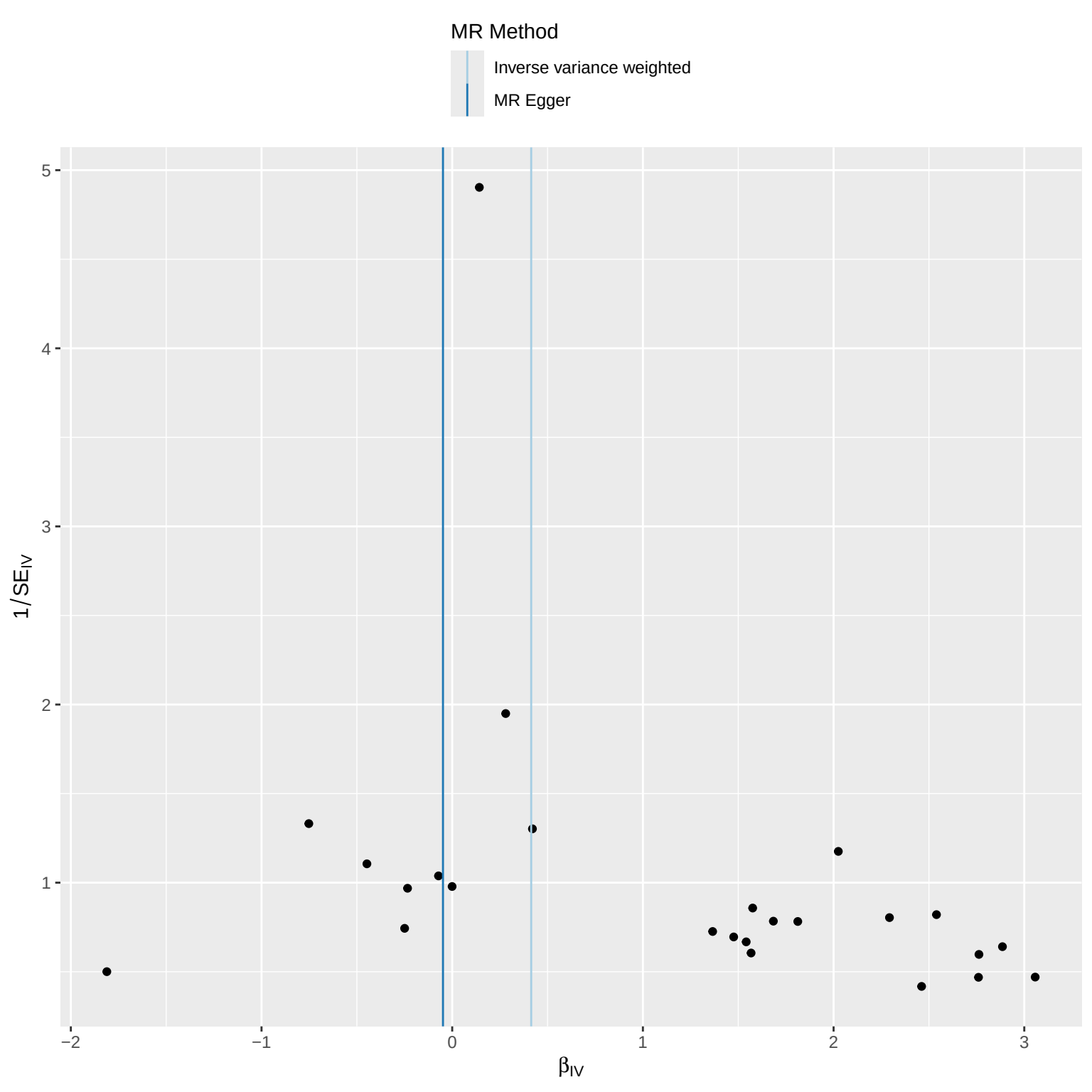

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

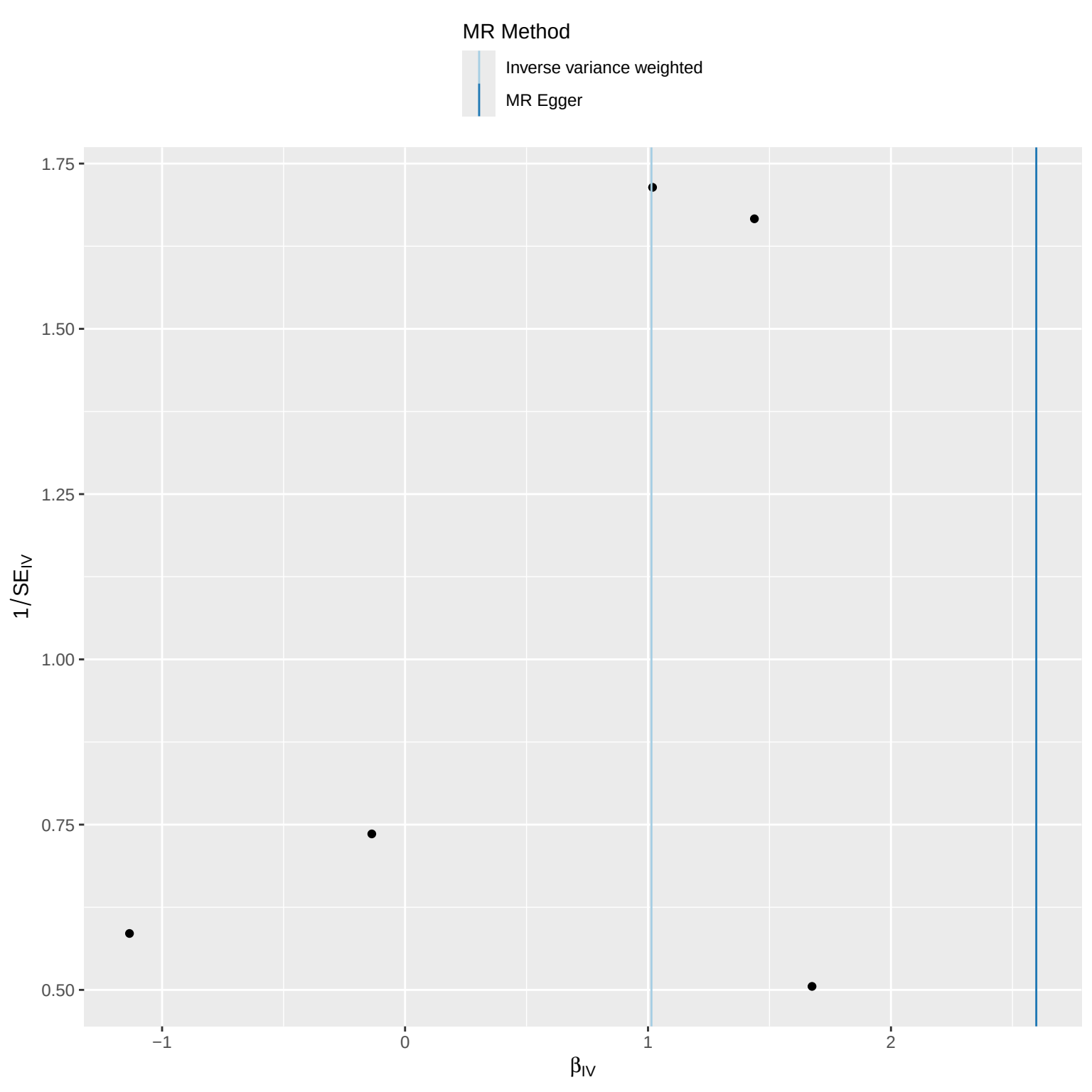

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

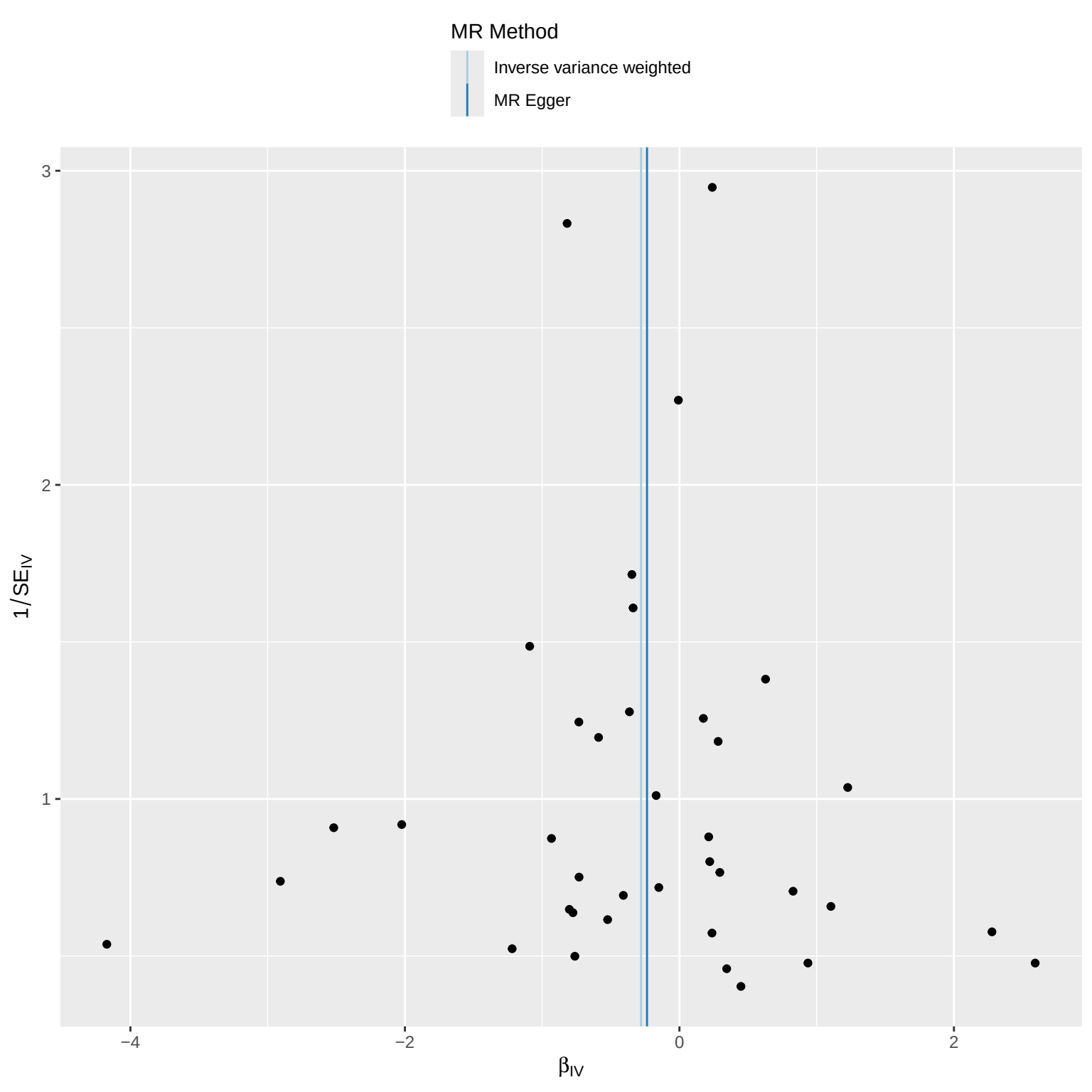

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
β_IV

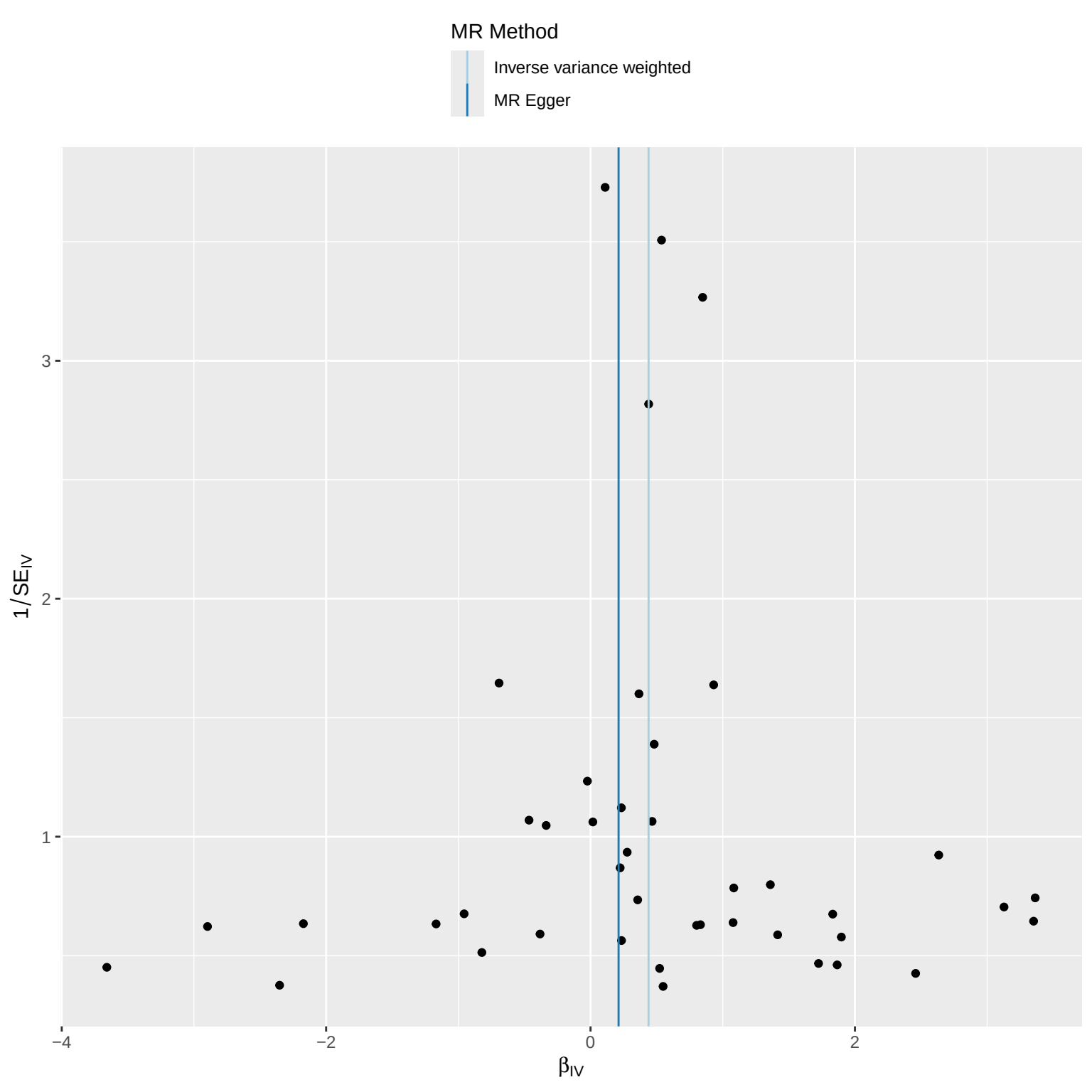

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−3
0
3
β_IV

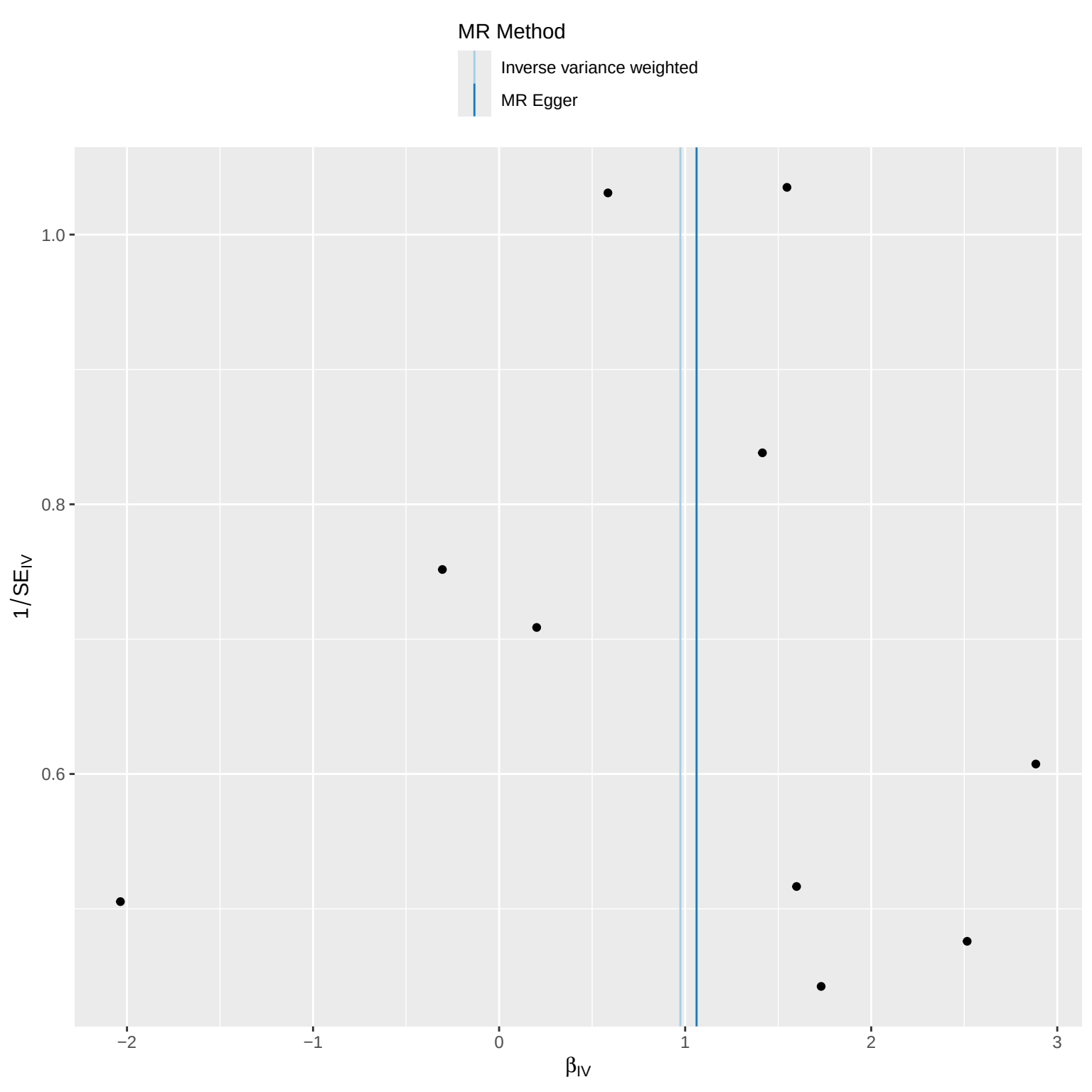

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
6
β_IV

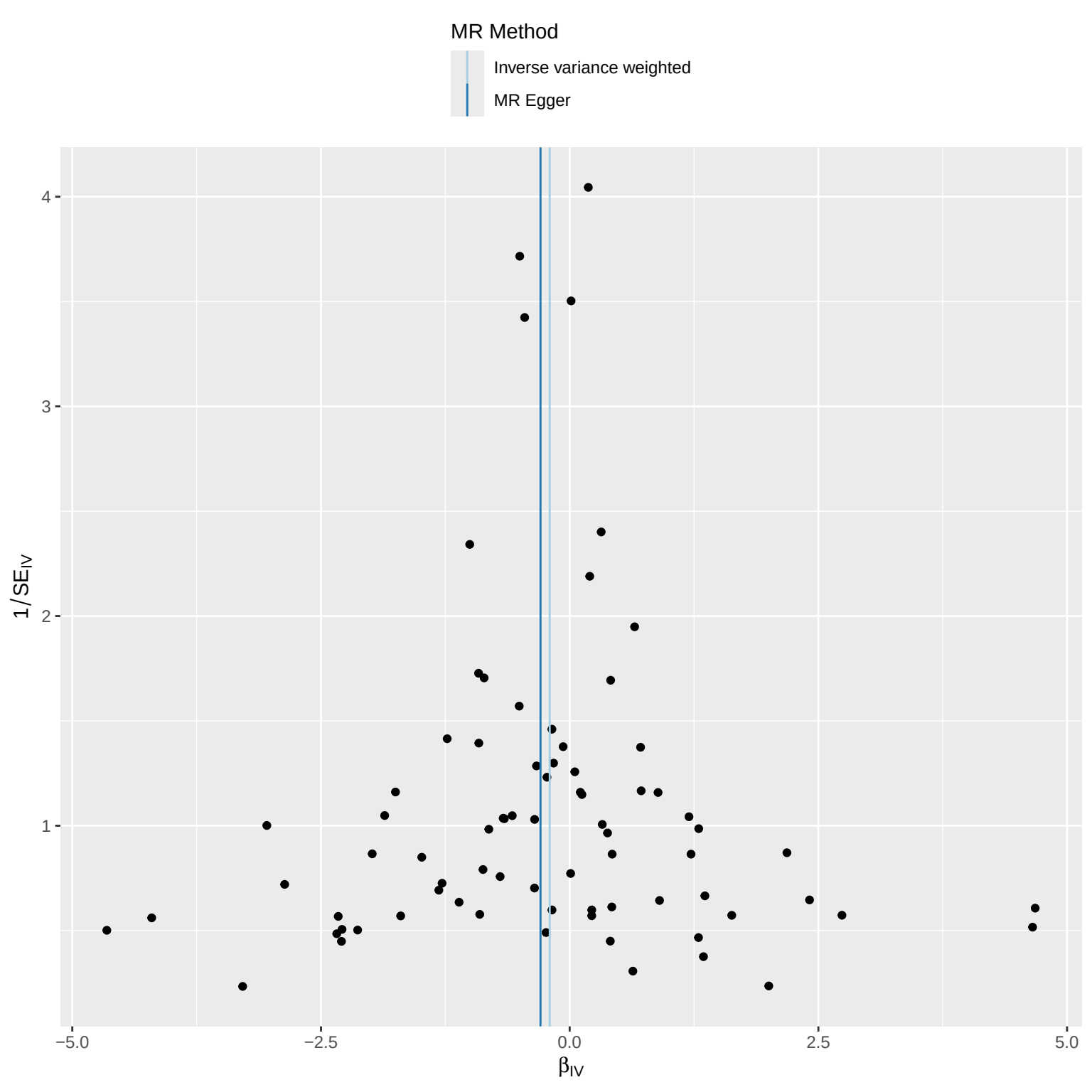

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

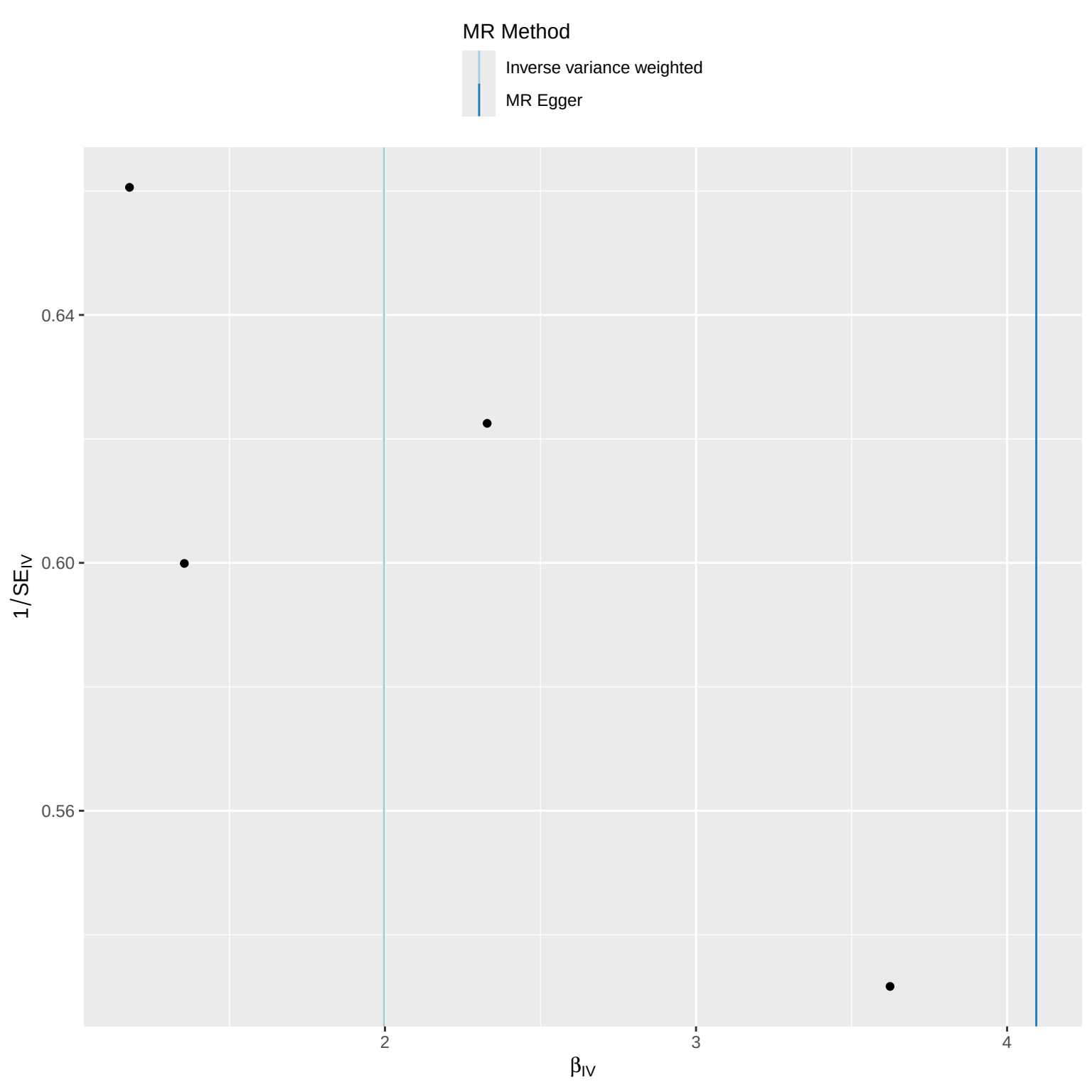

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
β_IV

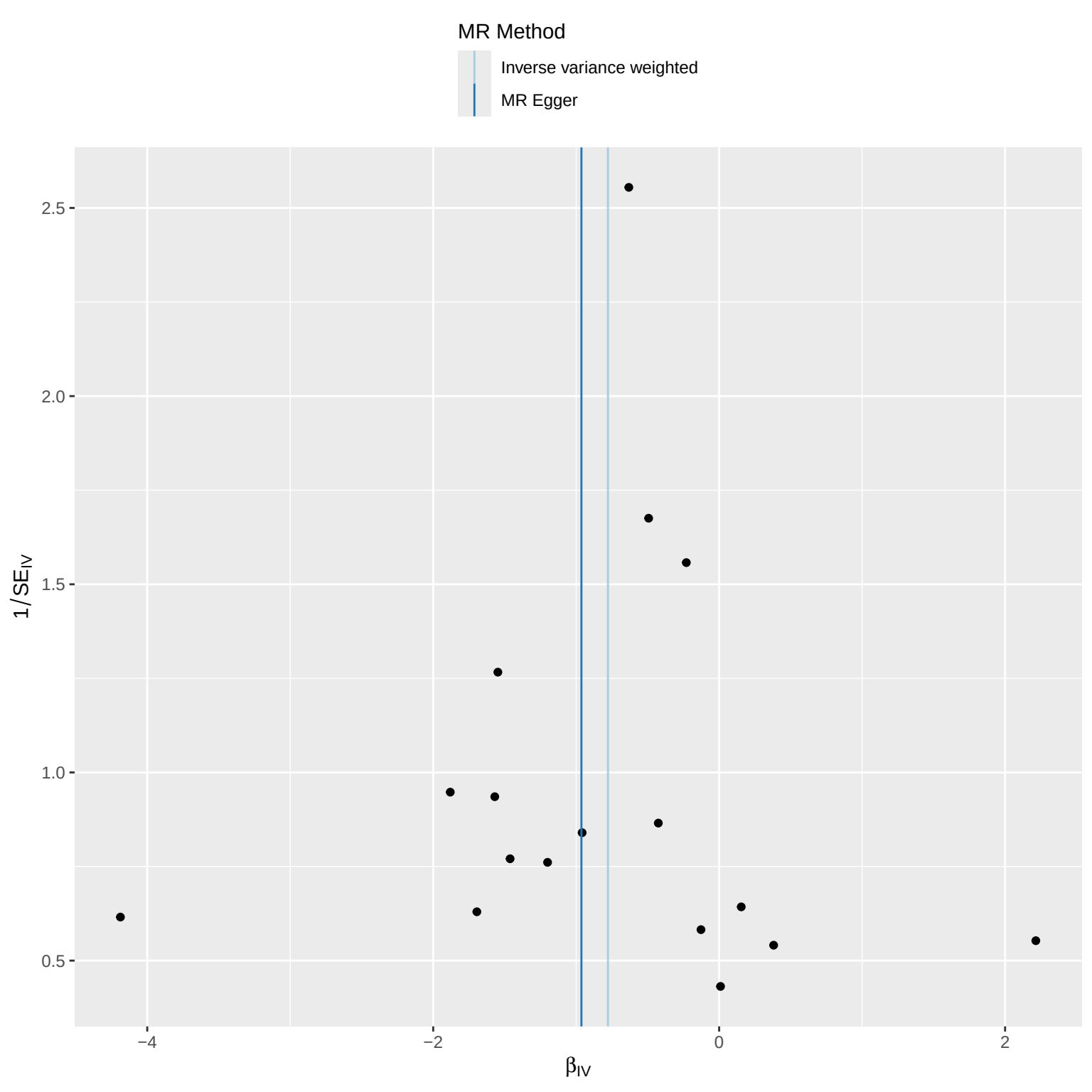

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

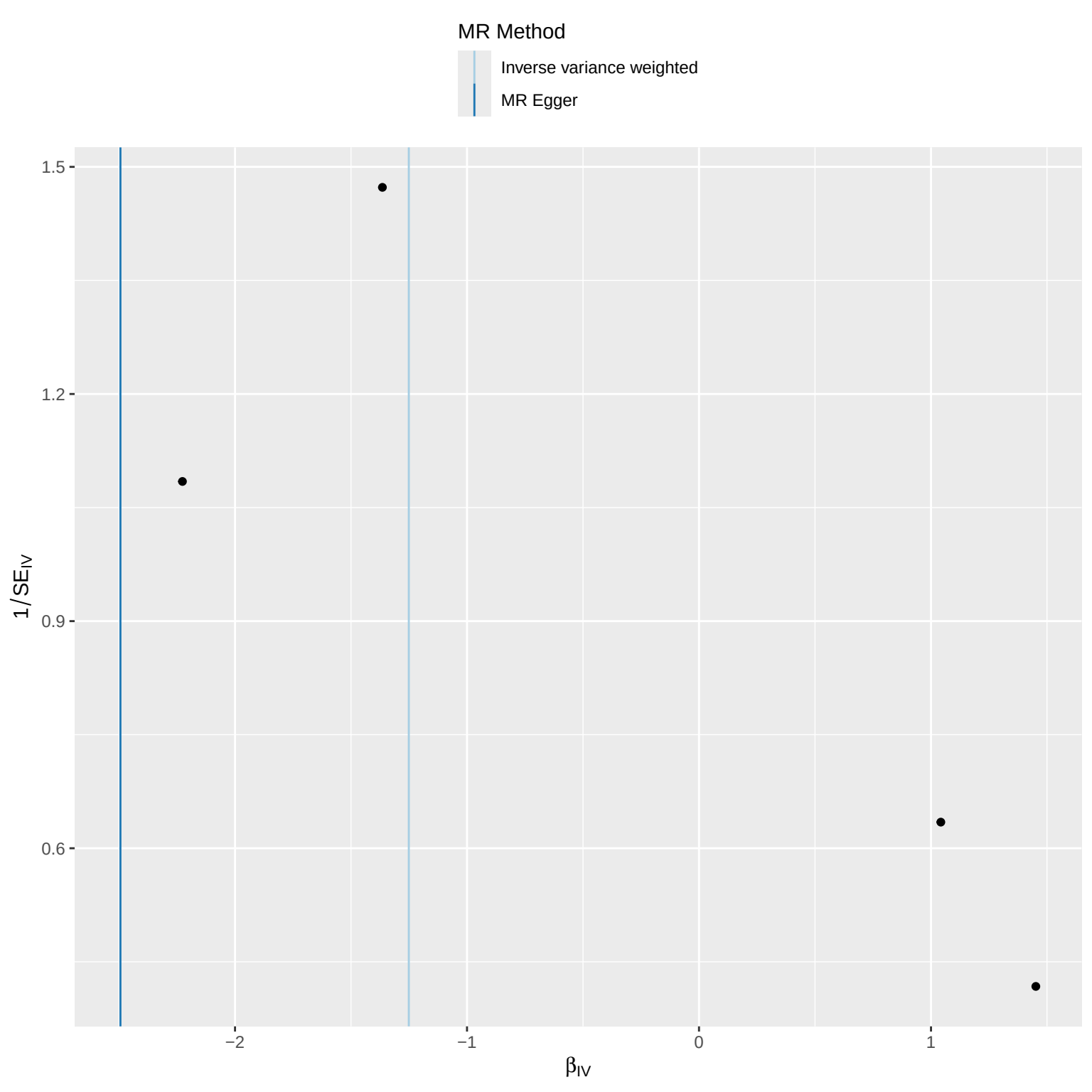

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−4
−2
0
2
β_IV

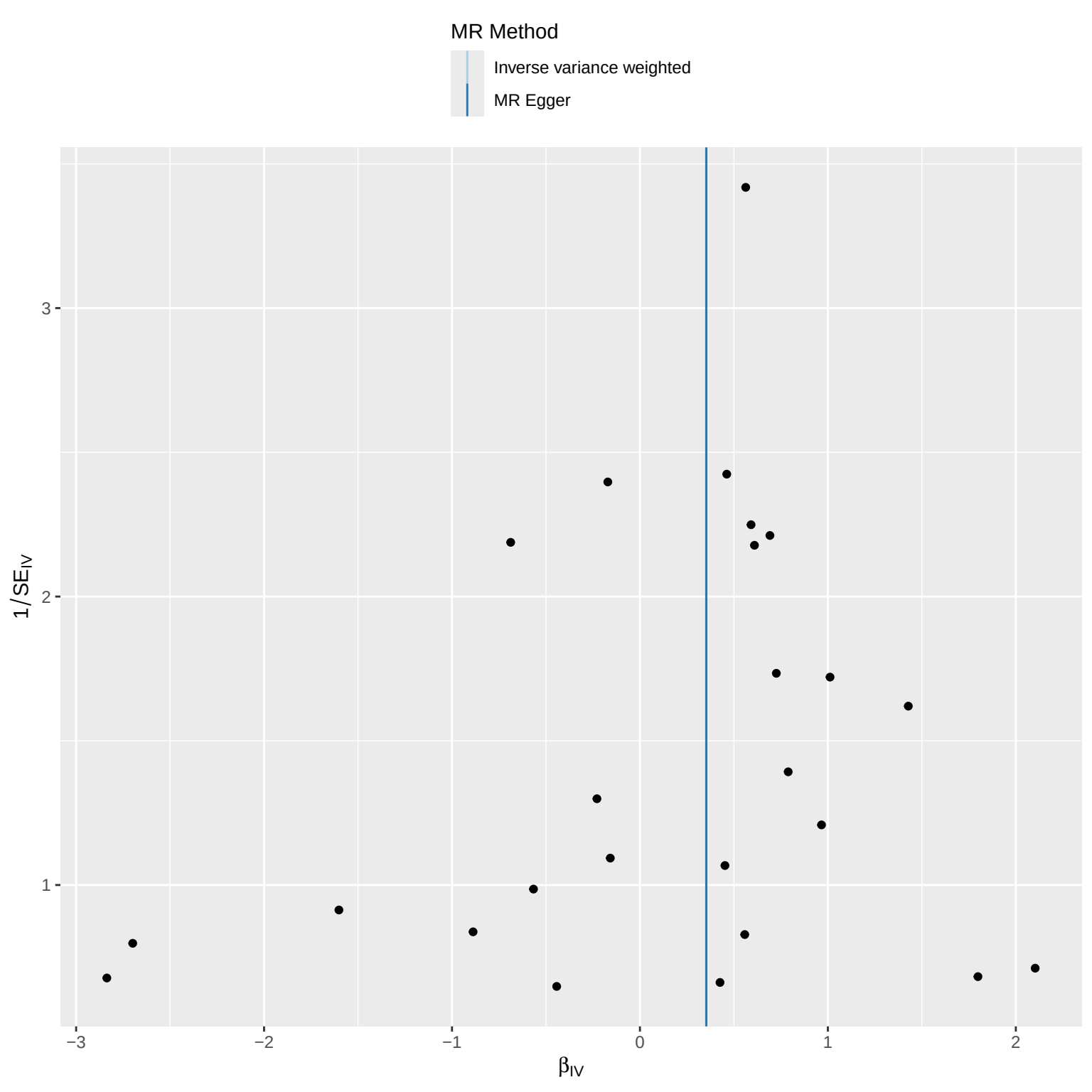

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−2
−1
0
1
2
3
β_IV

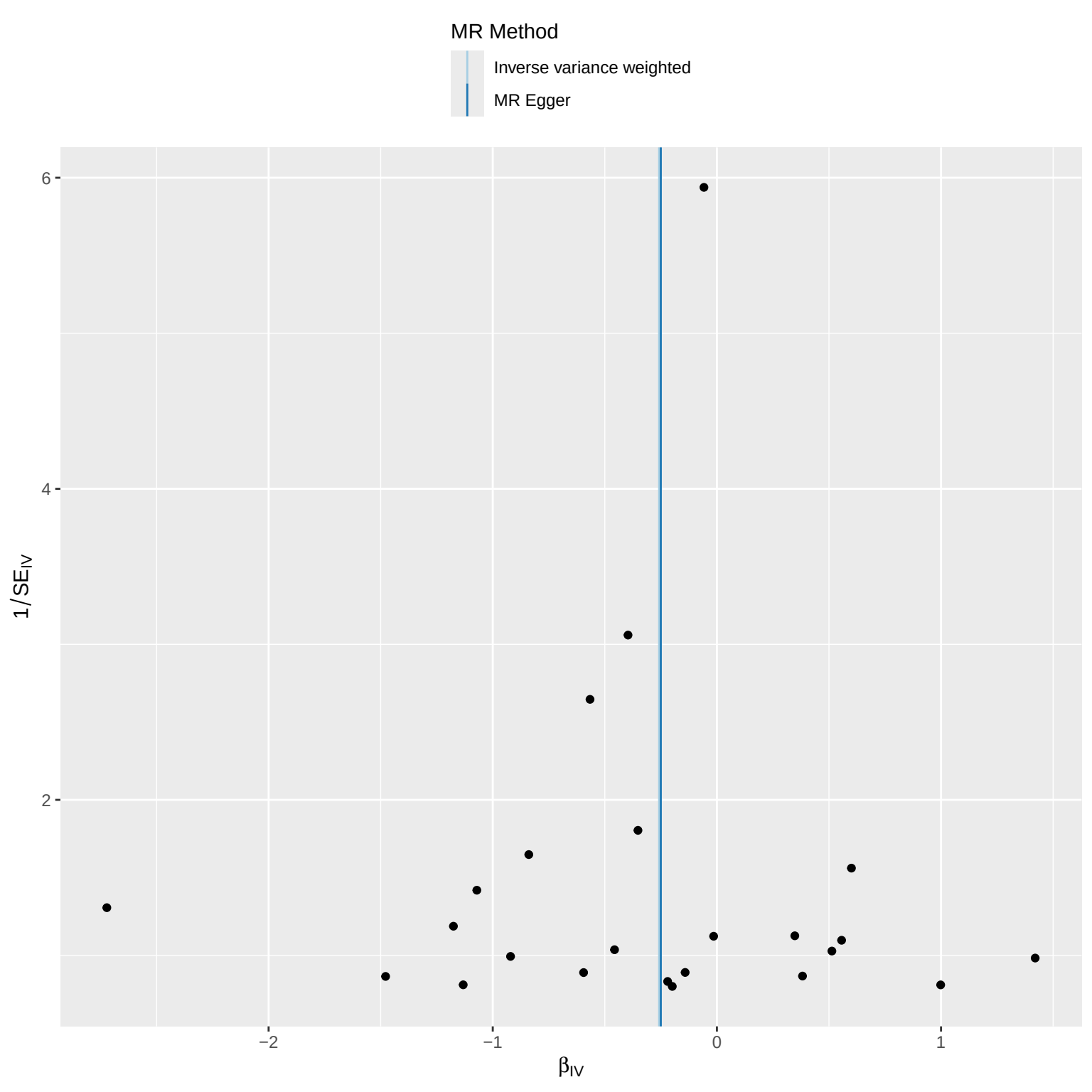

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

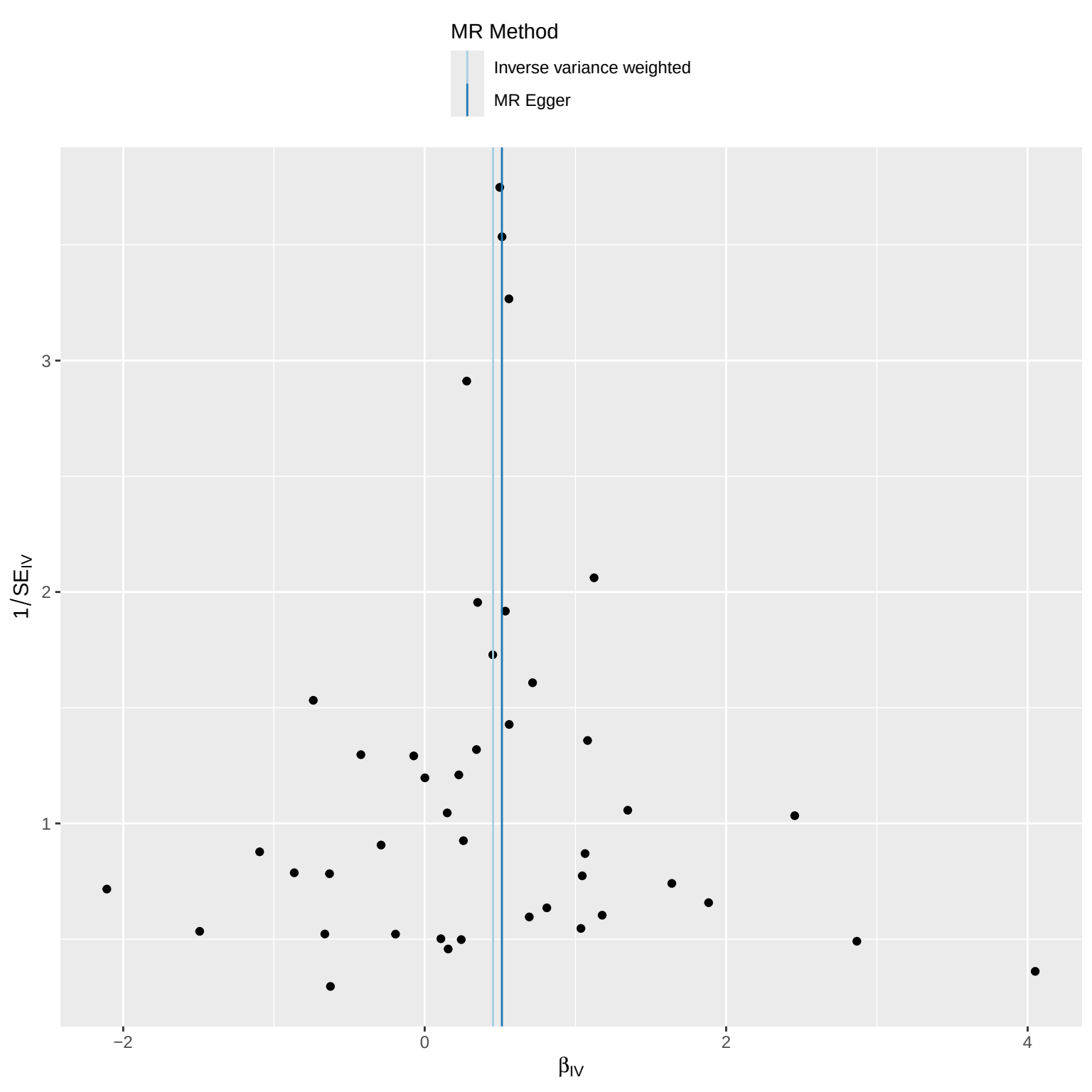

MR Method
Inverse variance weighted
MR Egger
0.64
0.60
0.56
1/SE_IV
2
3
4
β_IV

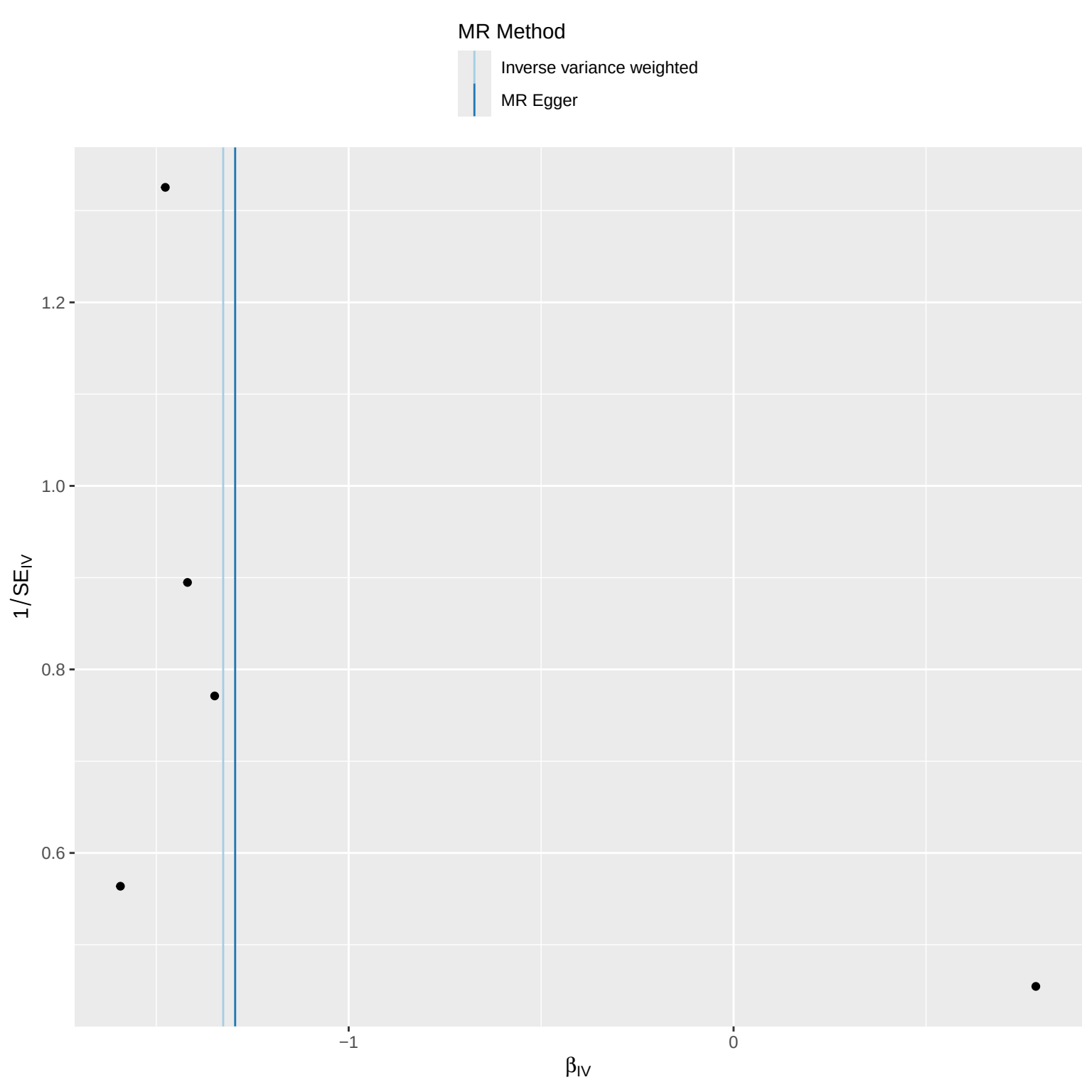

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

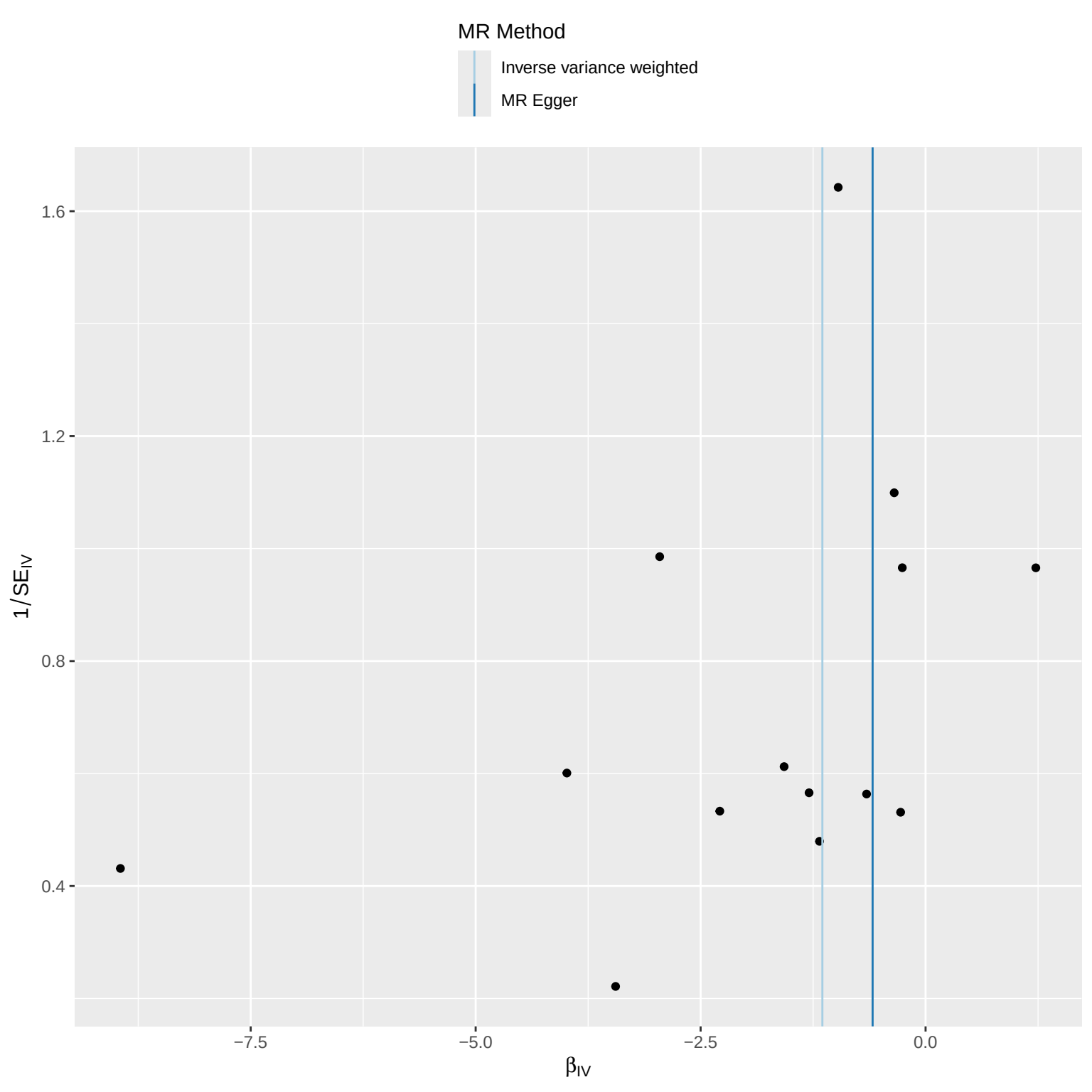

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
β_IV

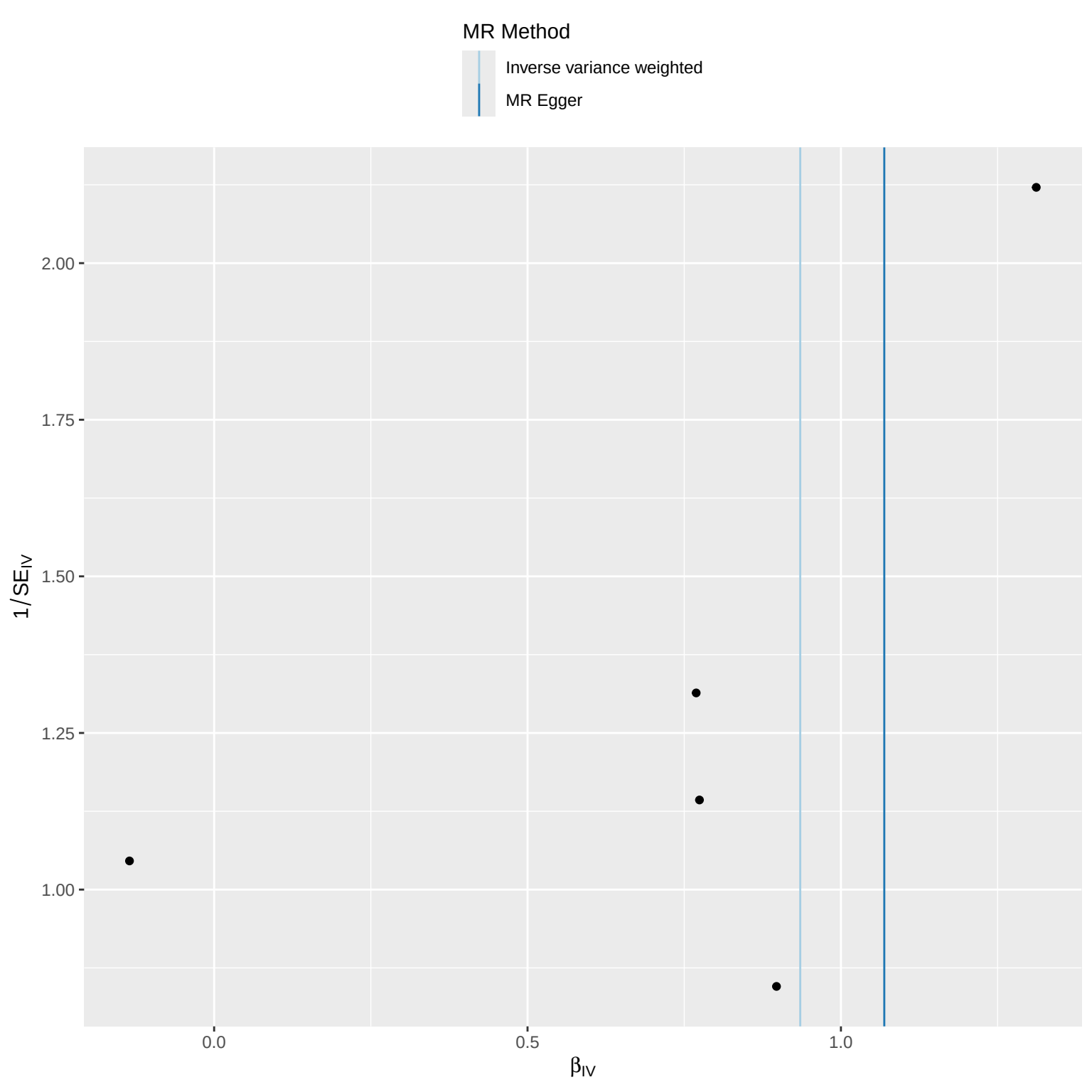

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

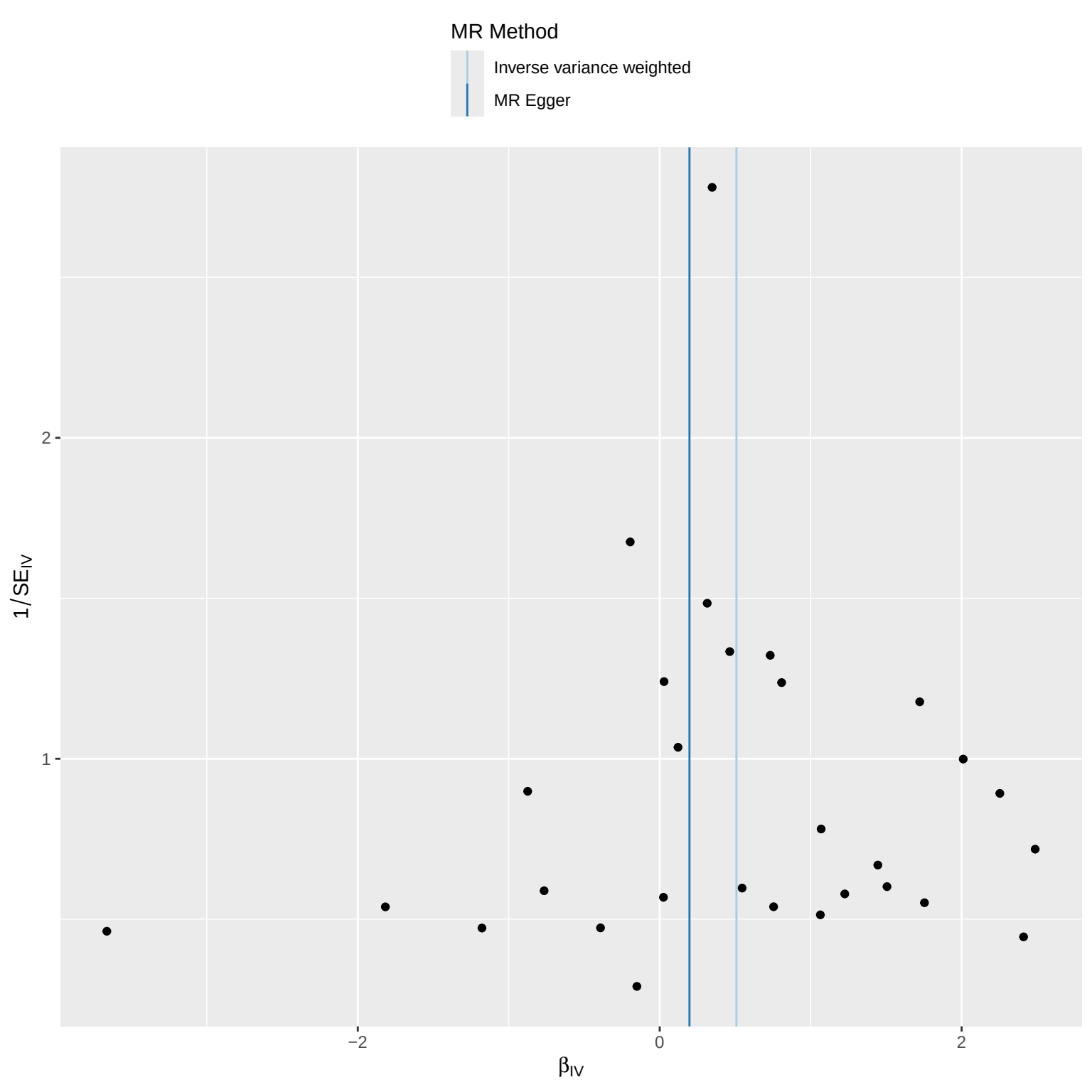

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

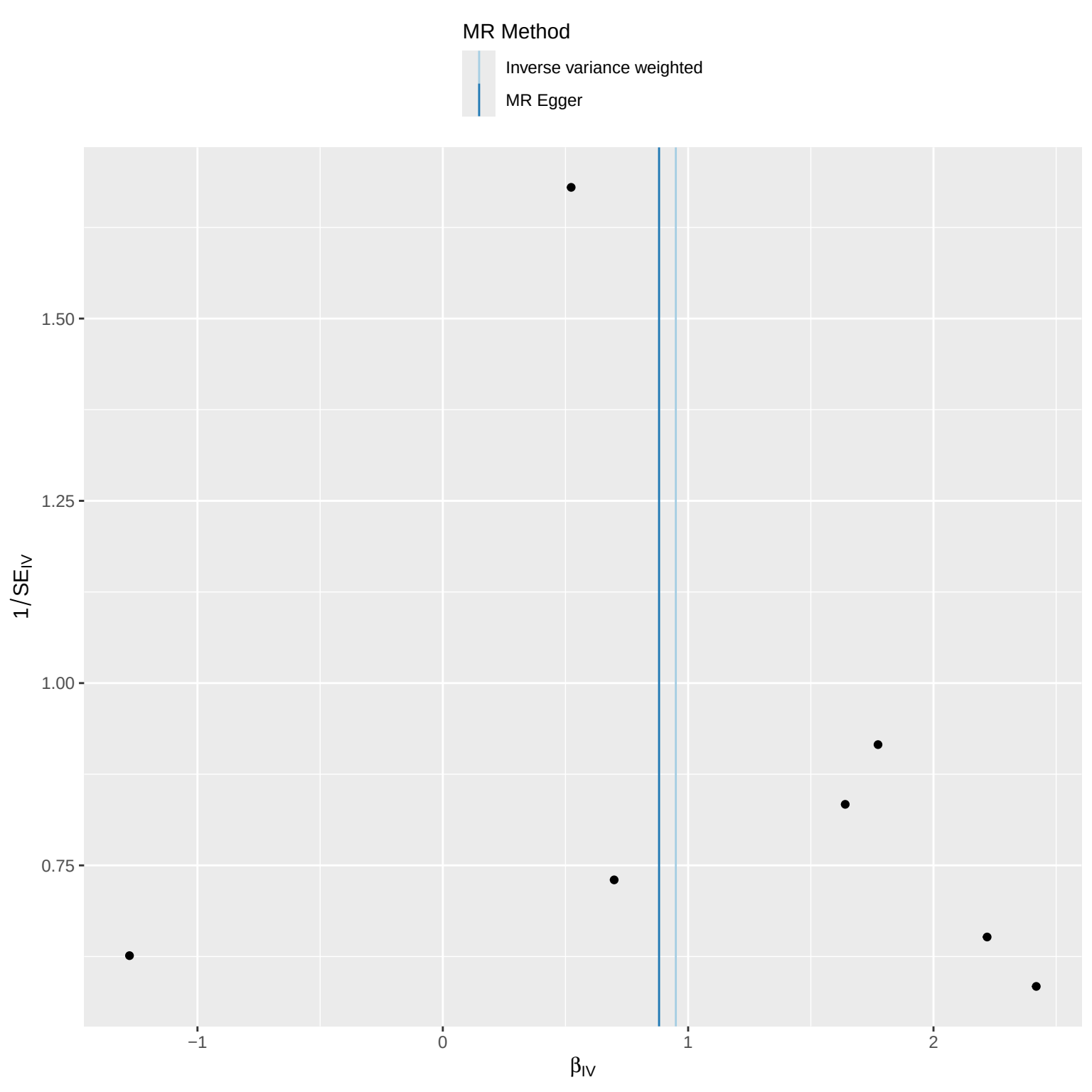

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

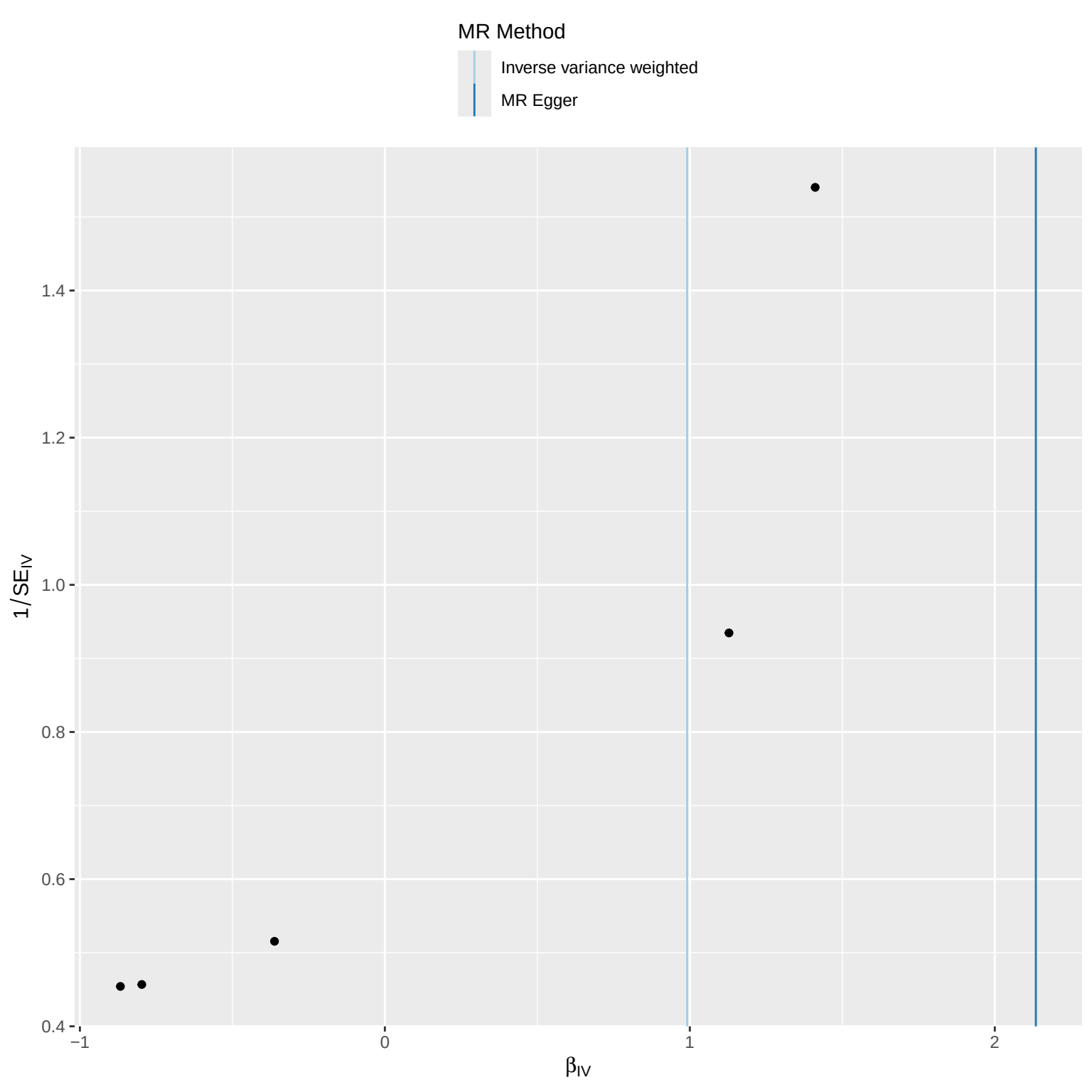

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
β_IV

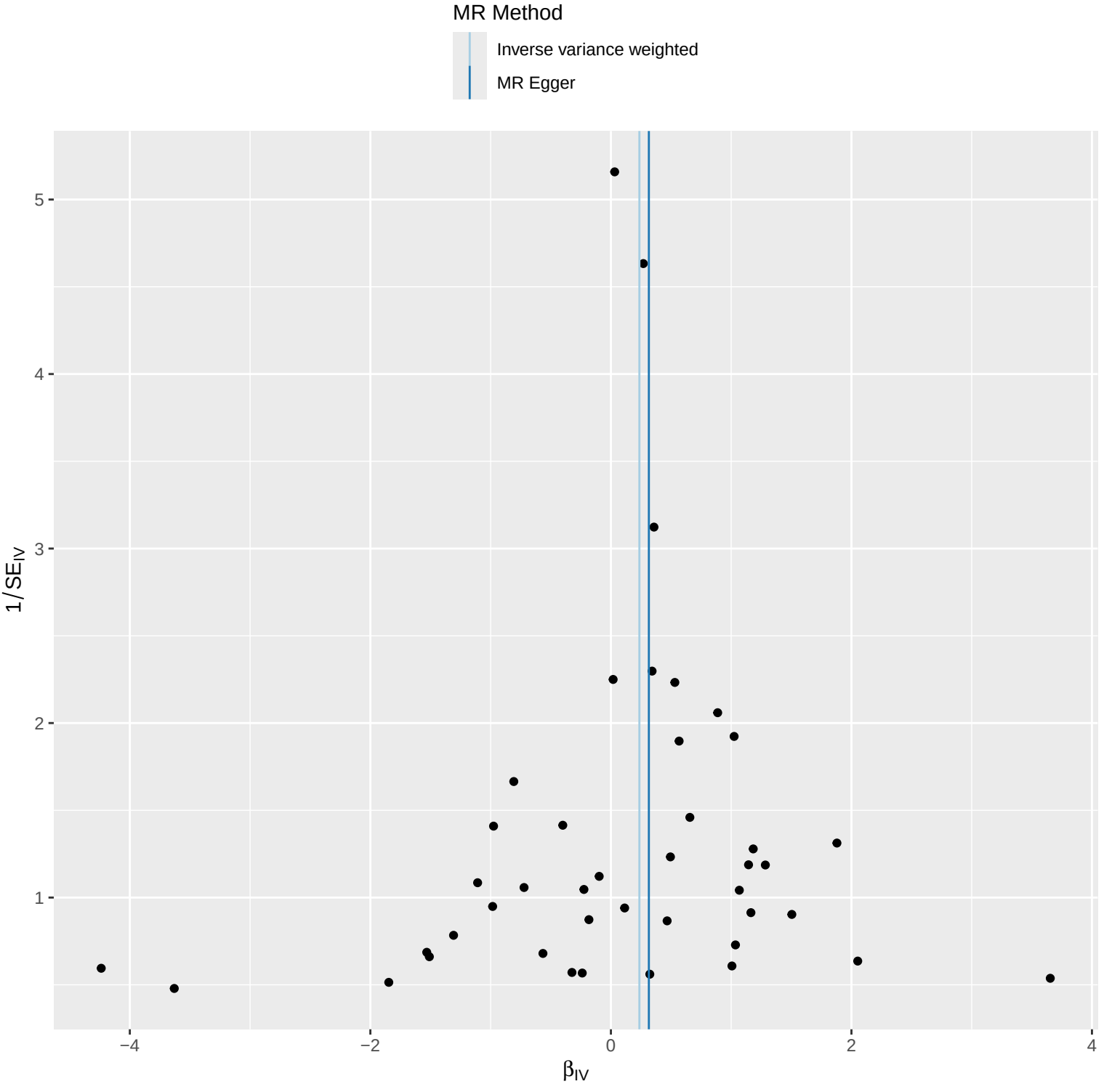

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−7.5
−5.0
−2.5
0.0
β_IV

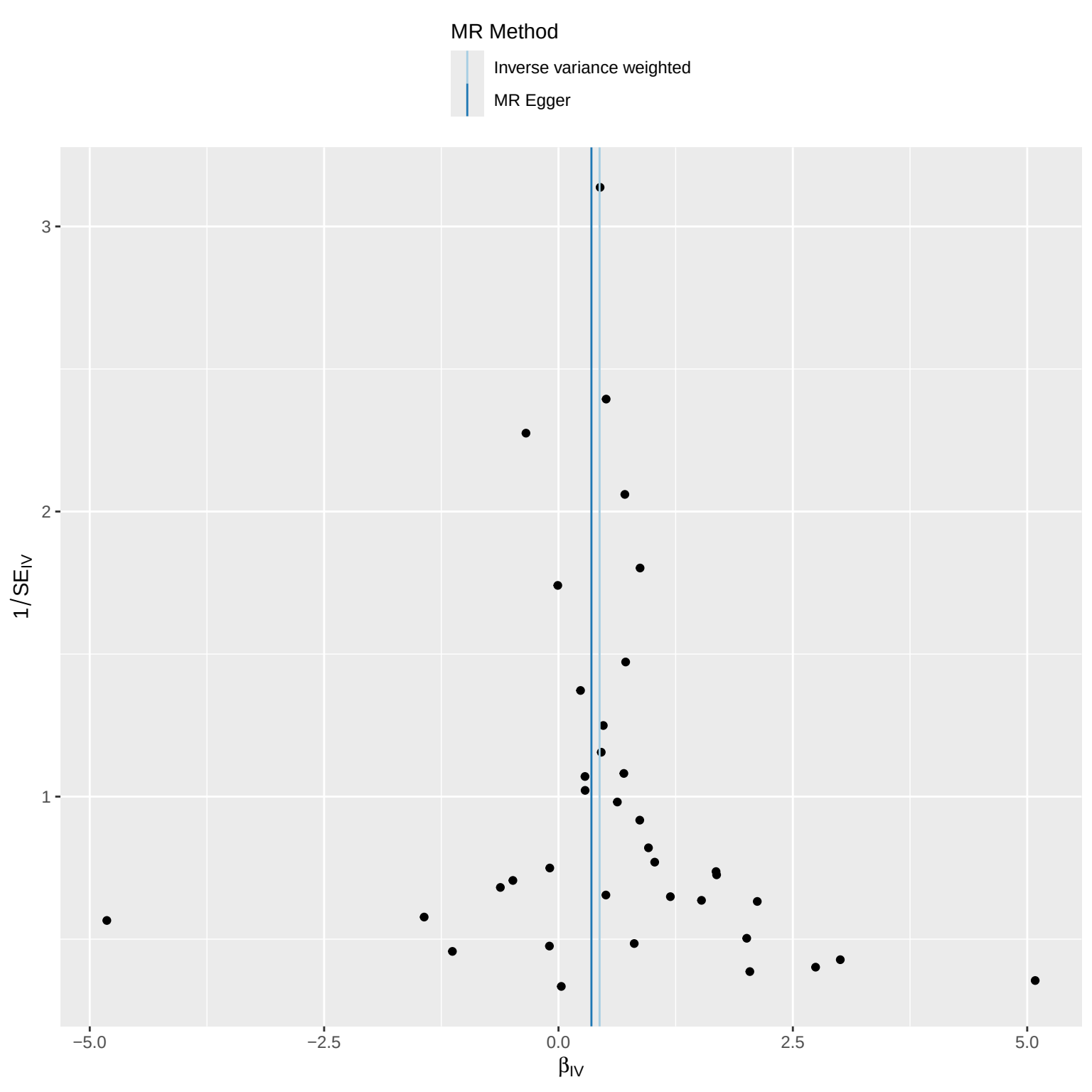

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
0.0
0.5
1.0
β_IV

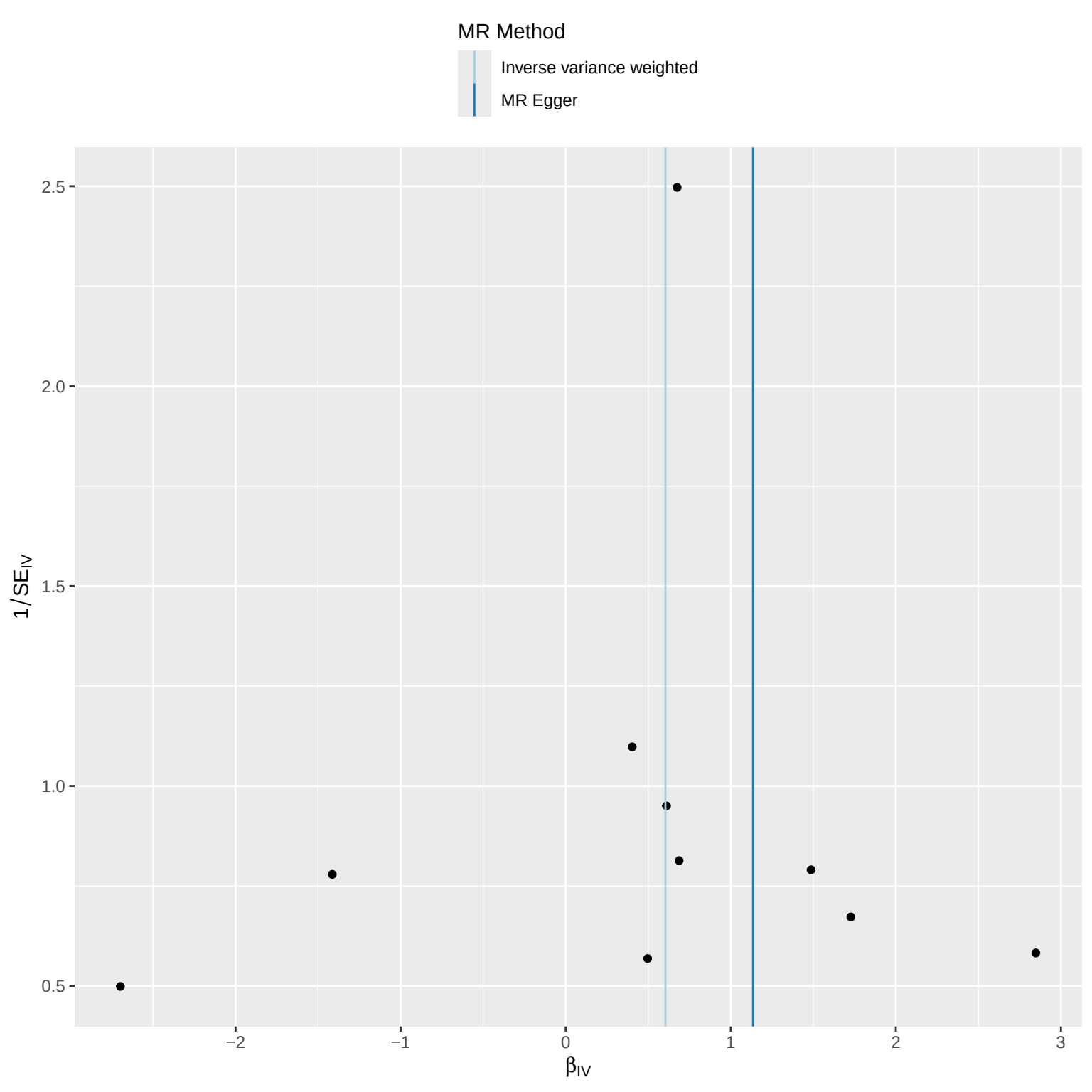

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

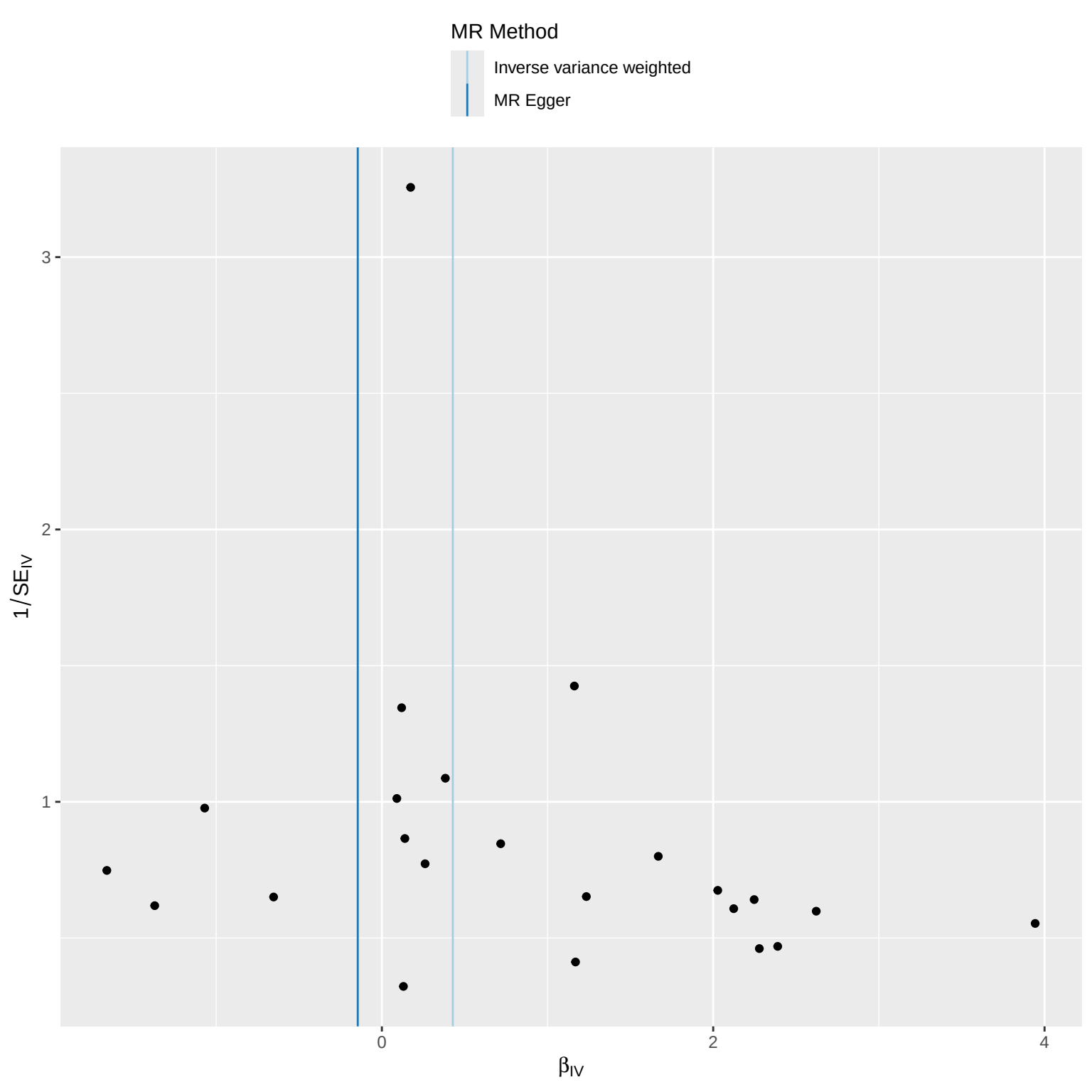

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−1
0
1
2
β_IV

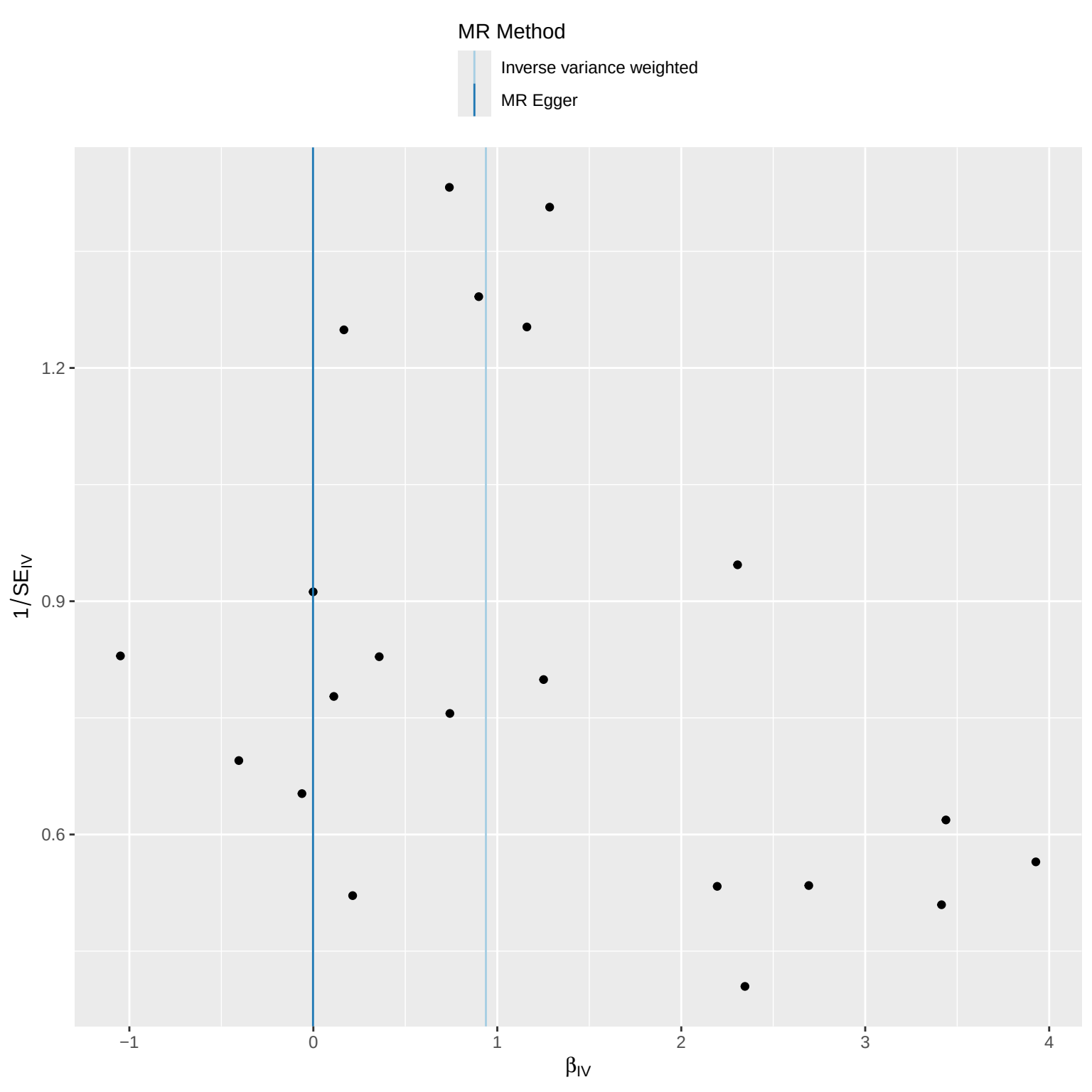

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−1
0
1
2
β_IV

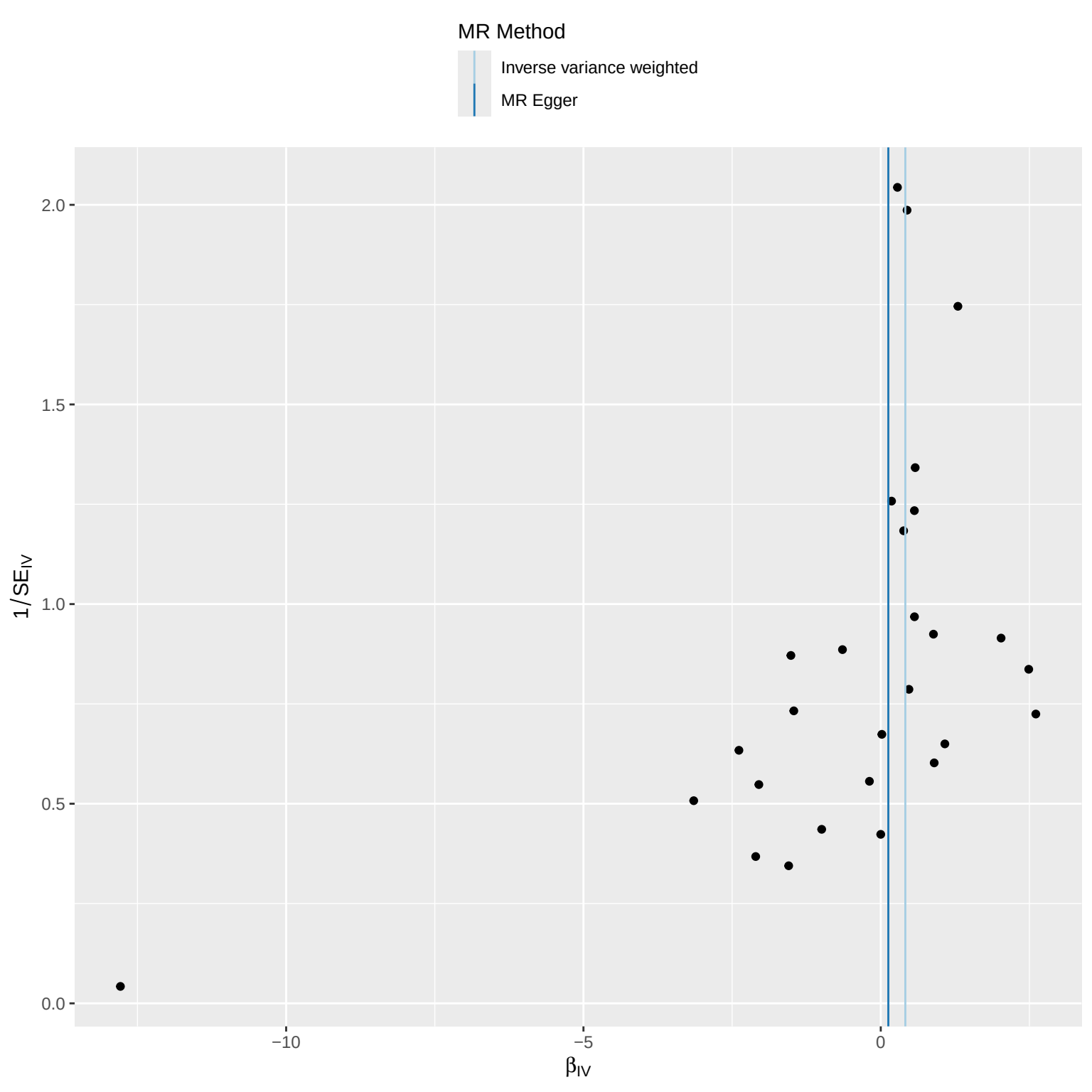

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

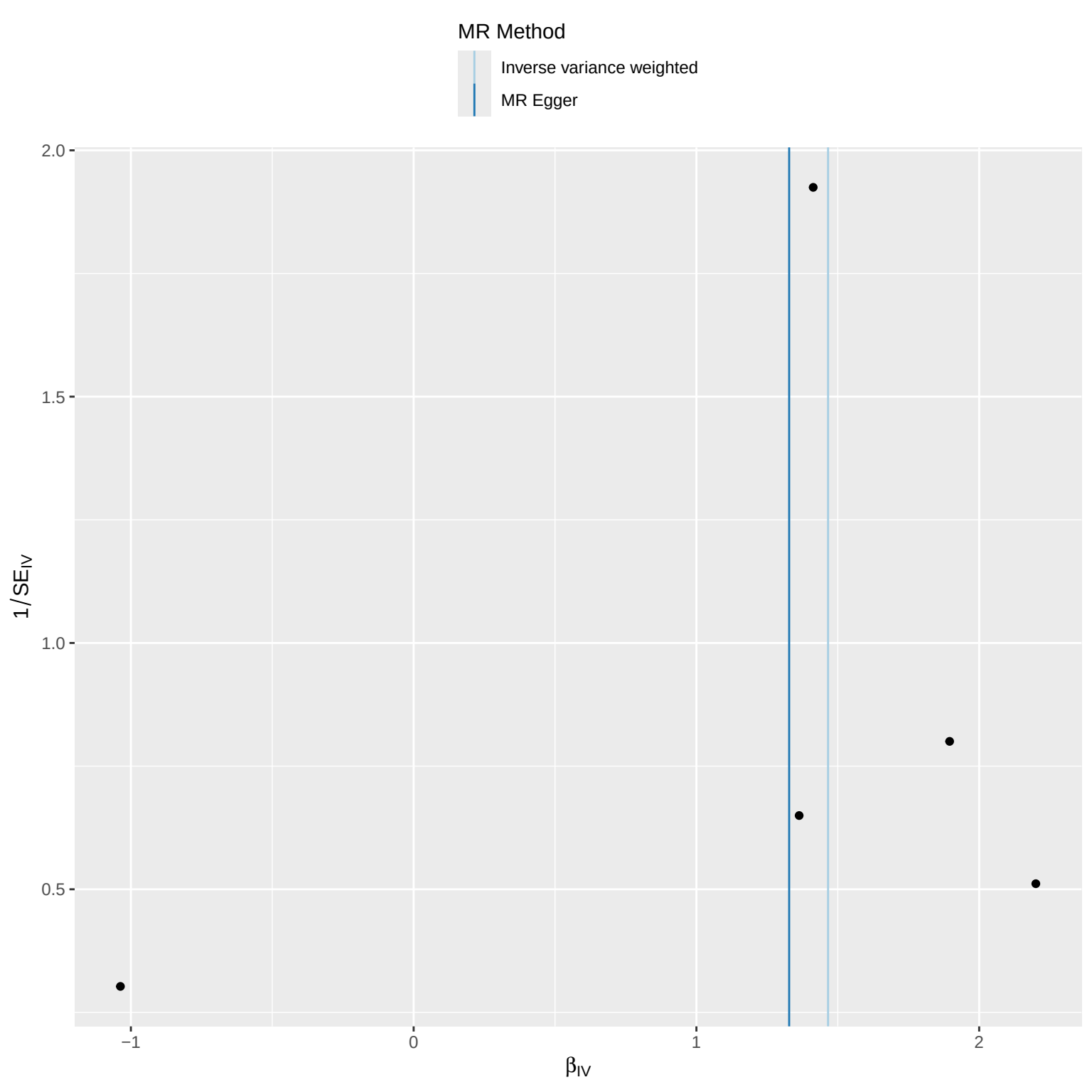

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

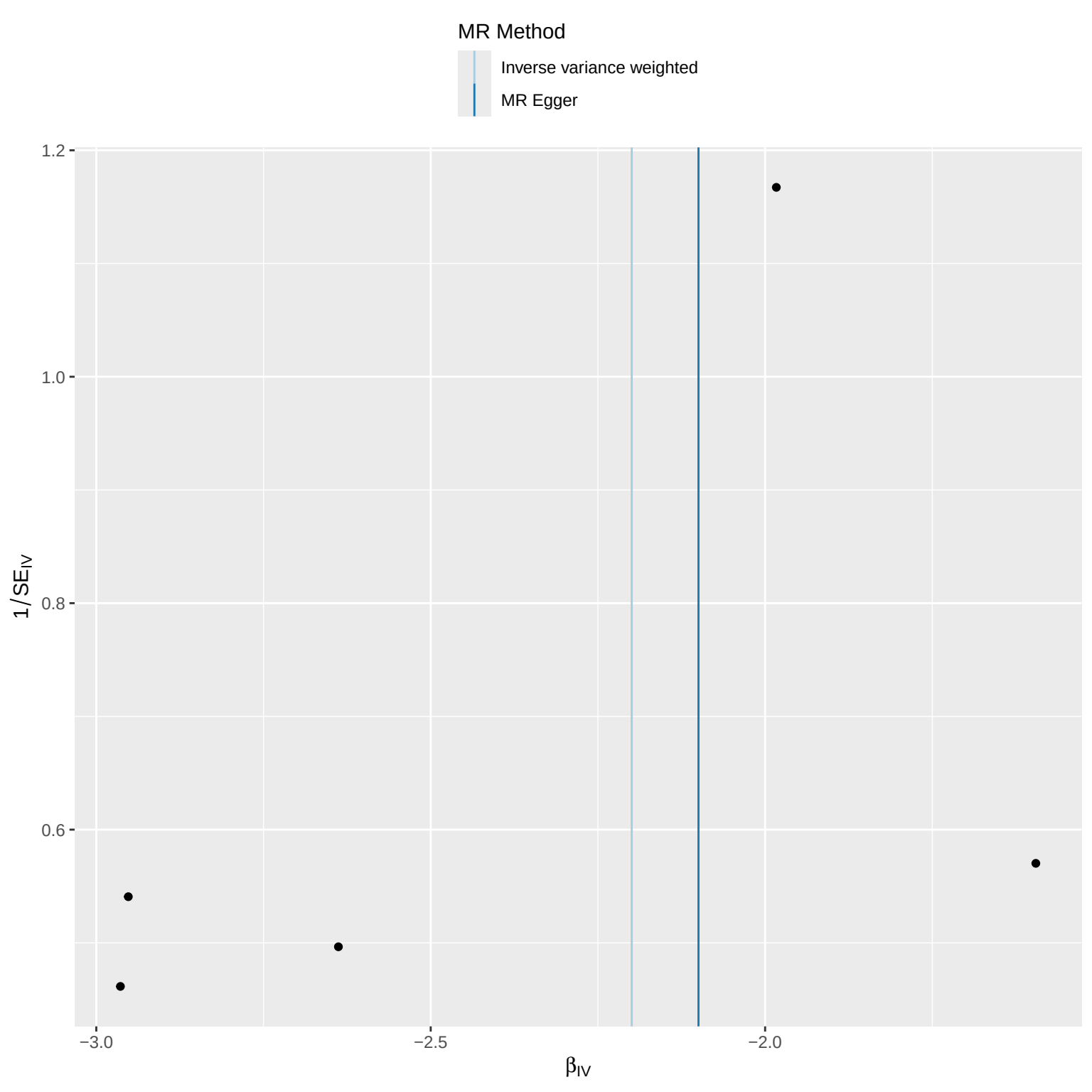

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

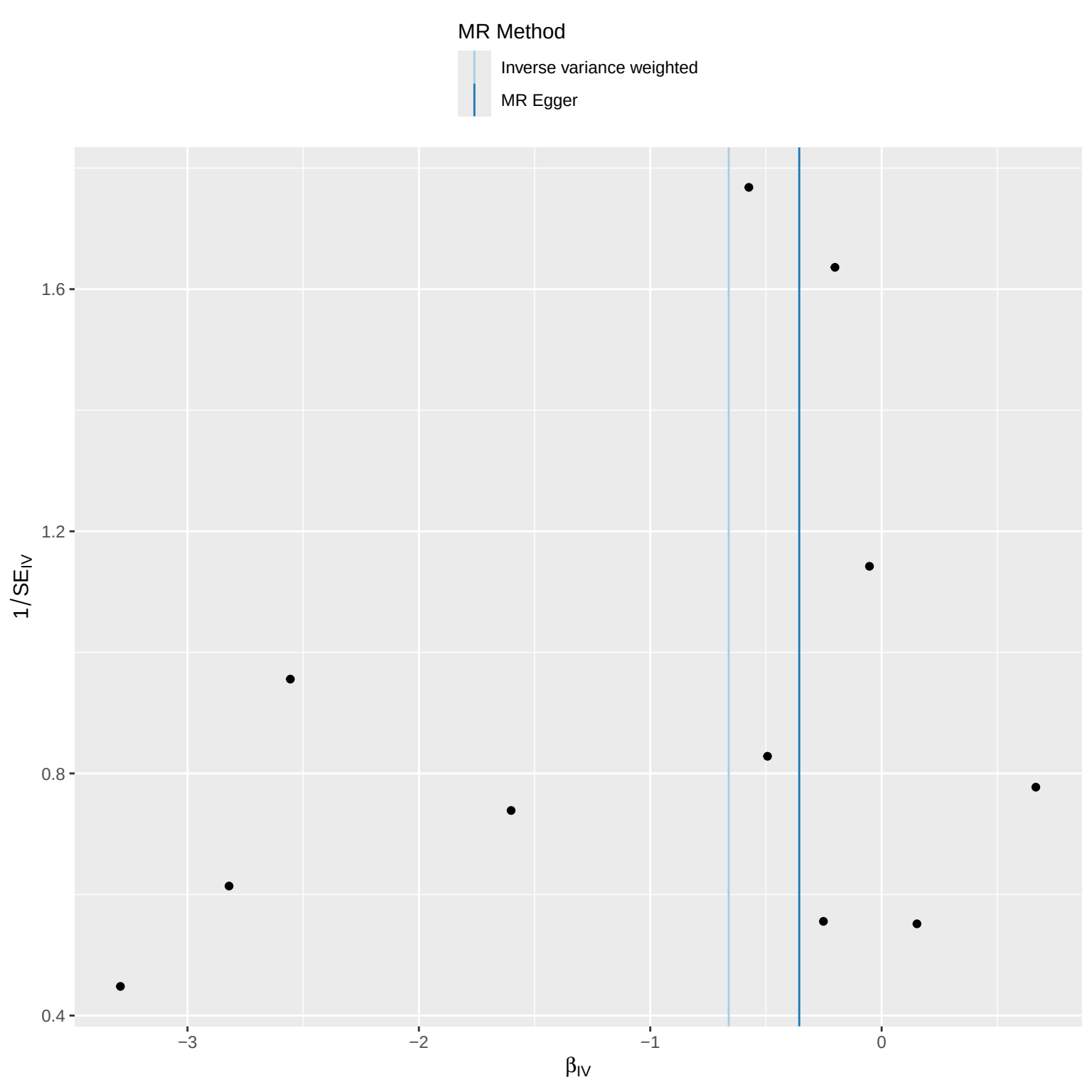

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0
2
4
β_IV

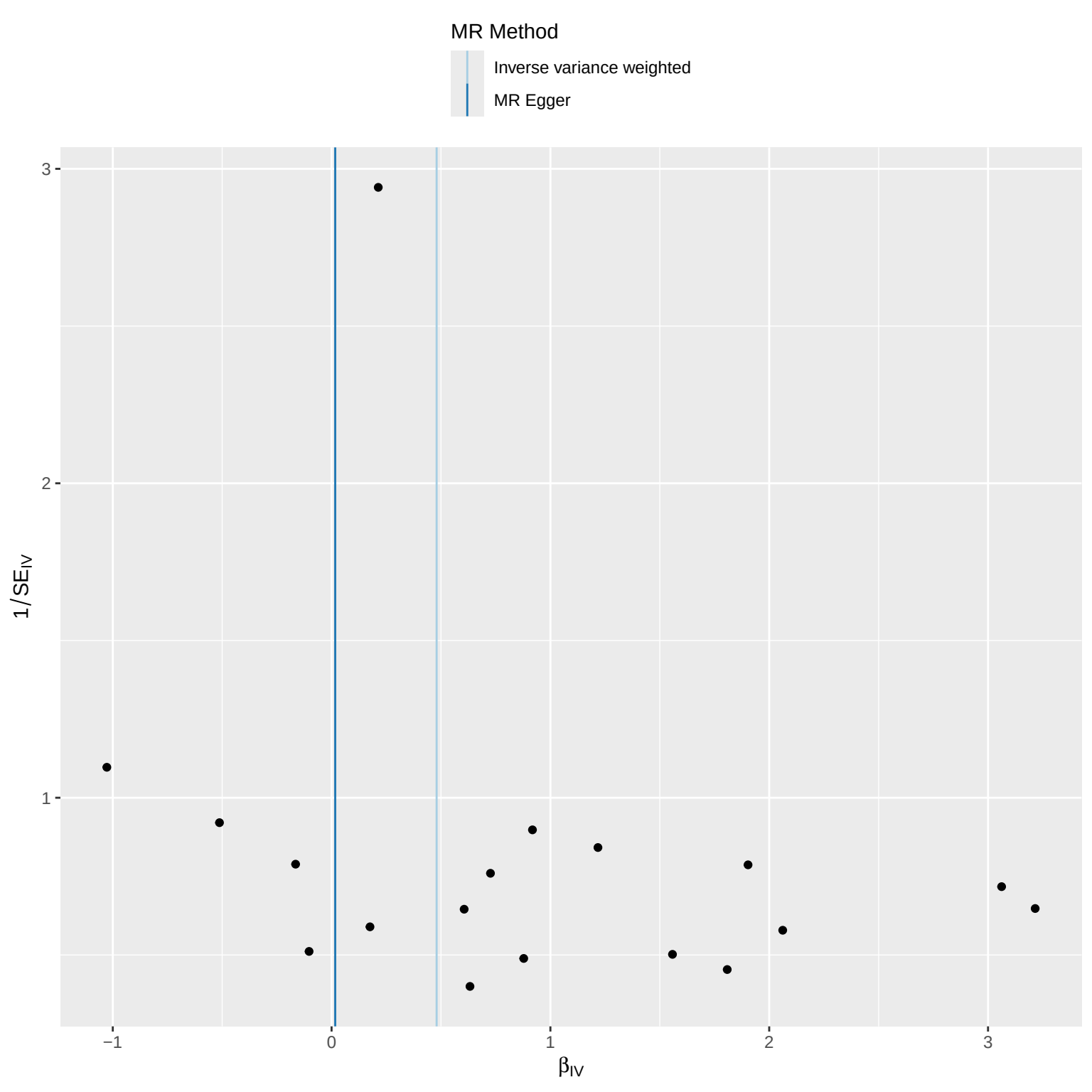

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
3
4
β_IV

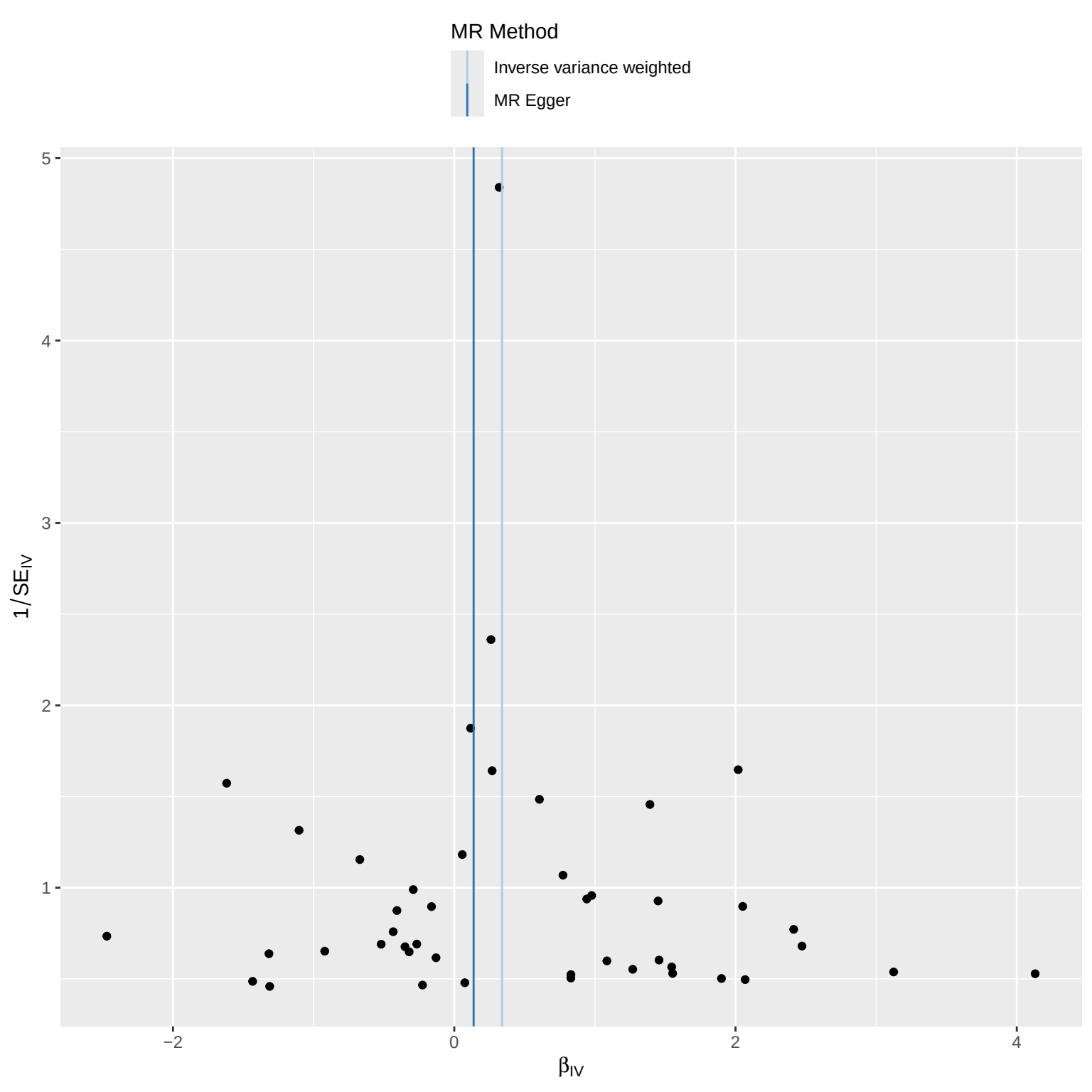

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
0.0
1/SE_IV
−10
−5
0
β_IV

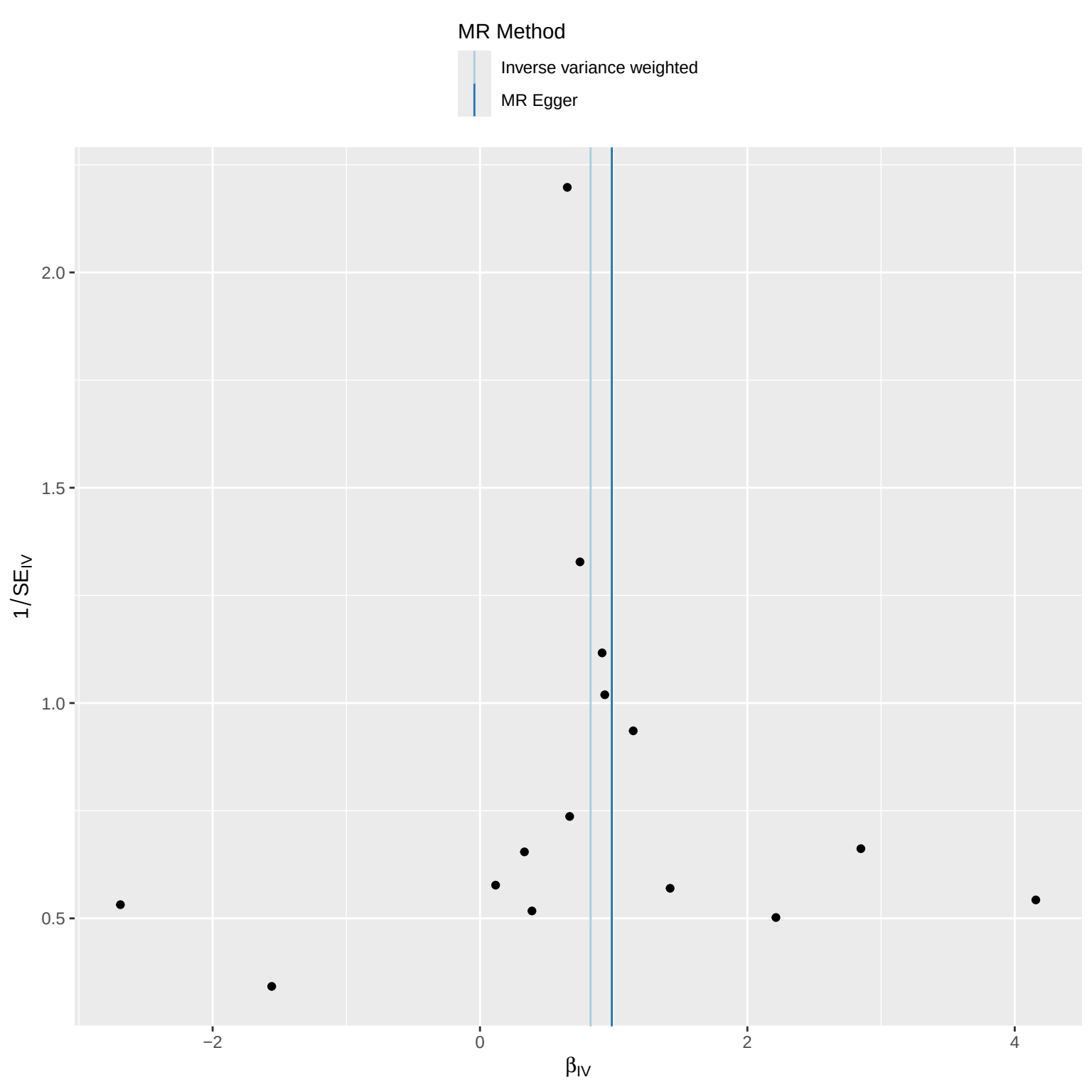

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

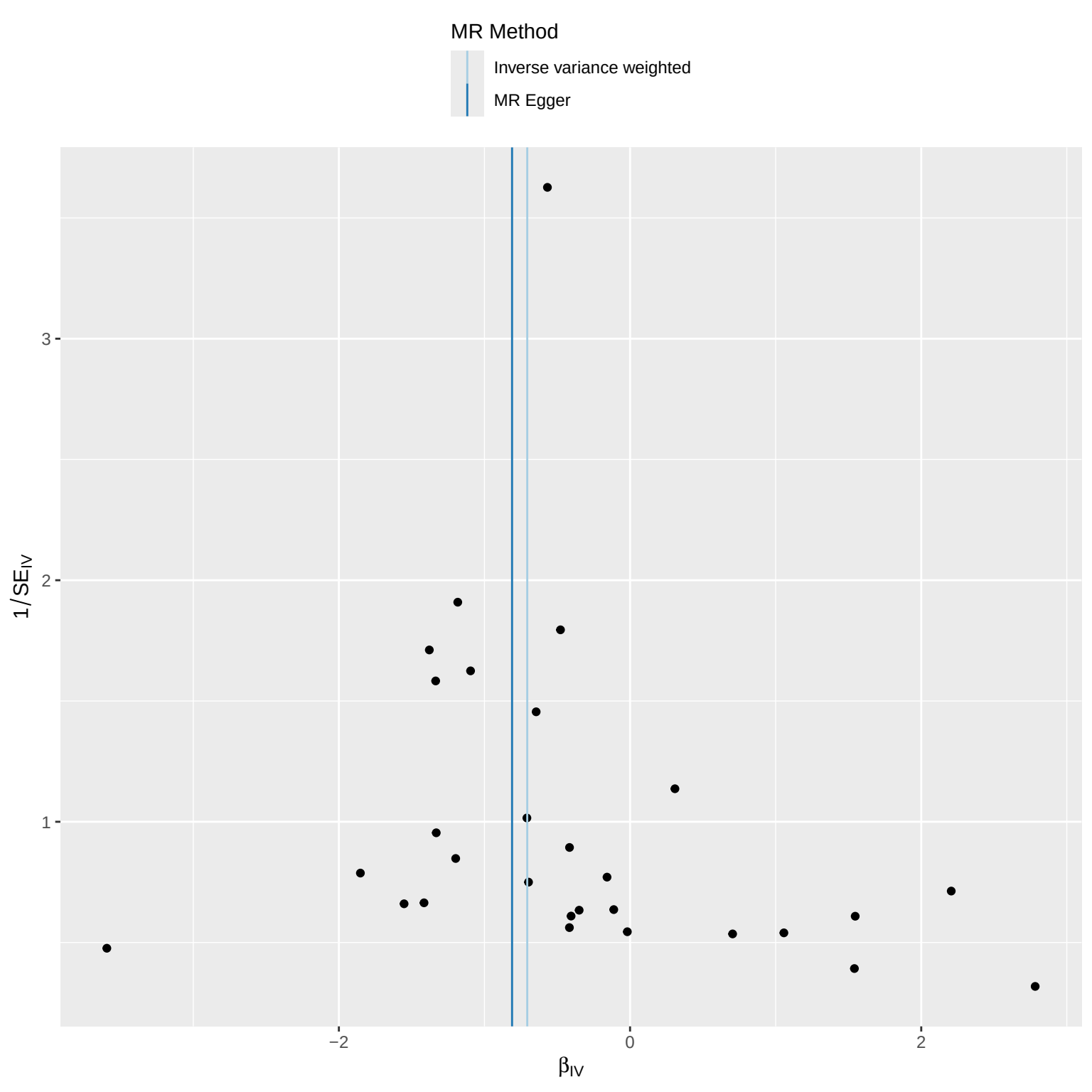

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−3.0
−2.5
−2.0
β_IV

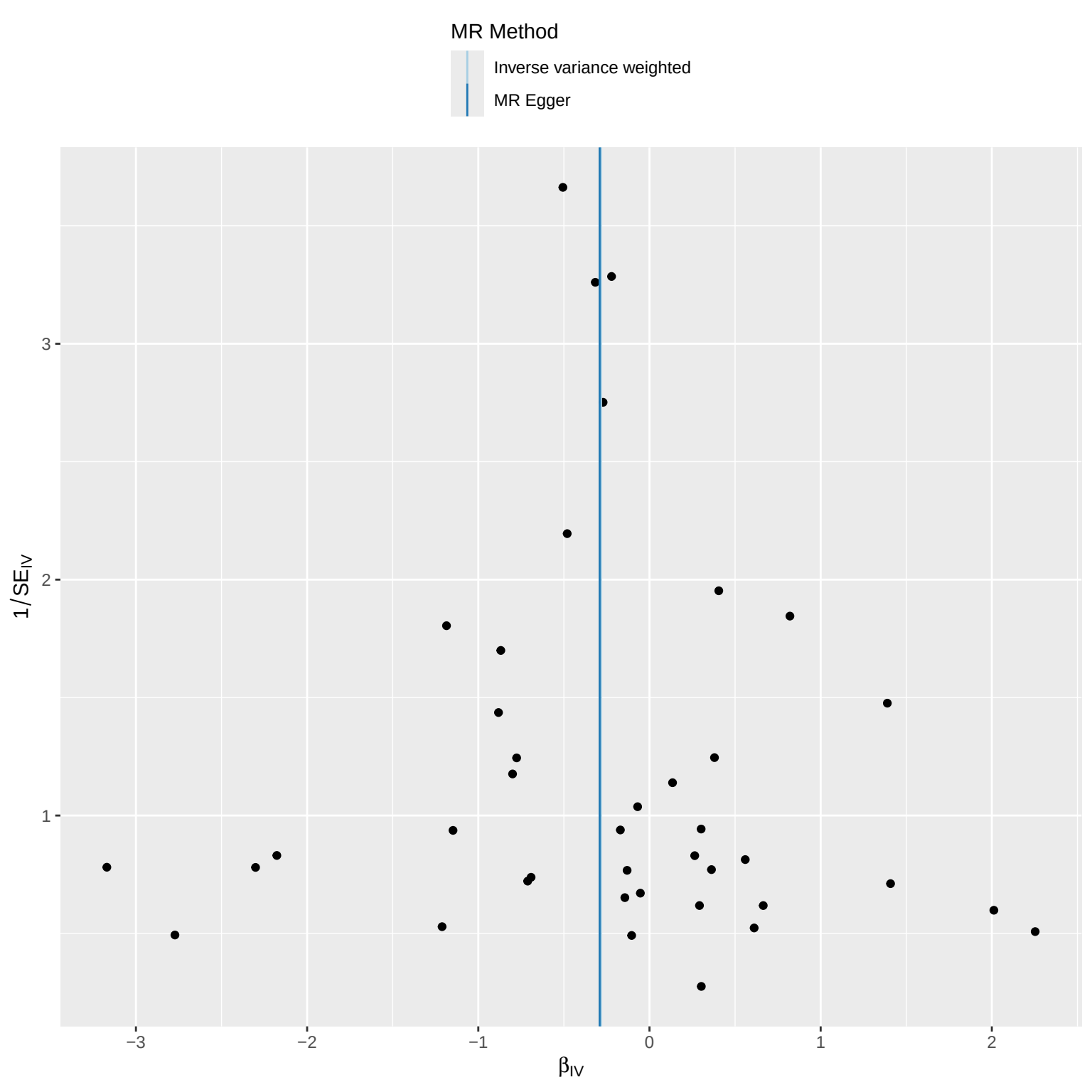

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
0
β_IV

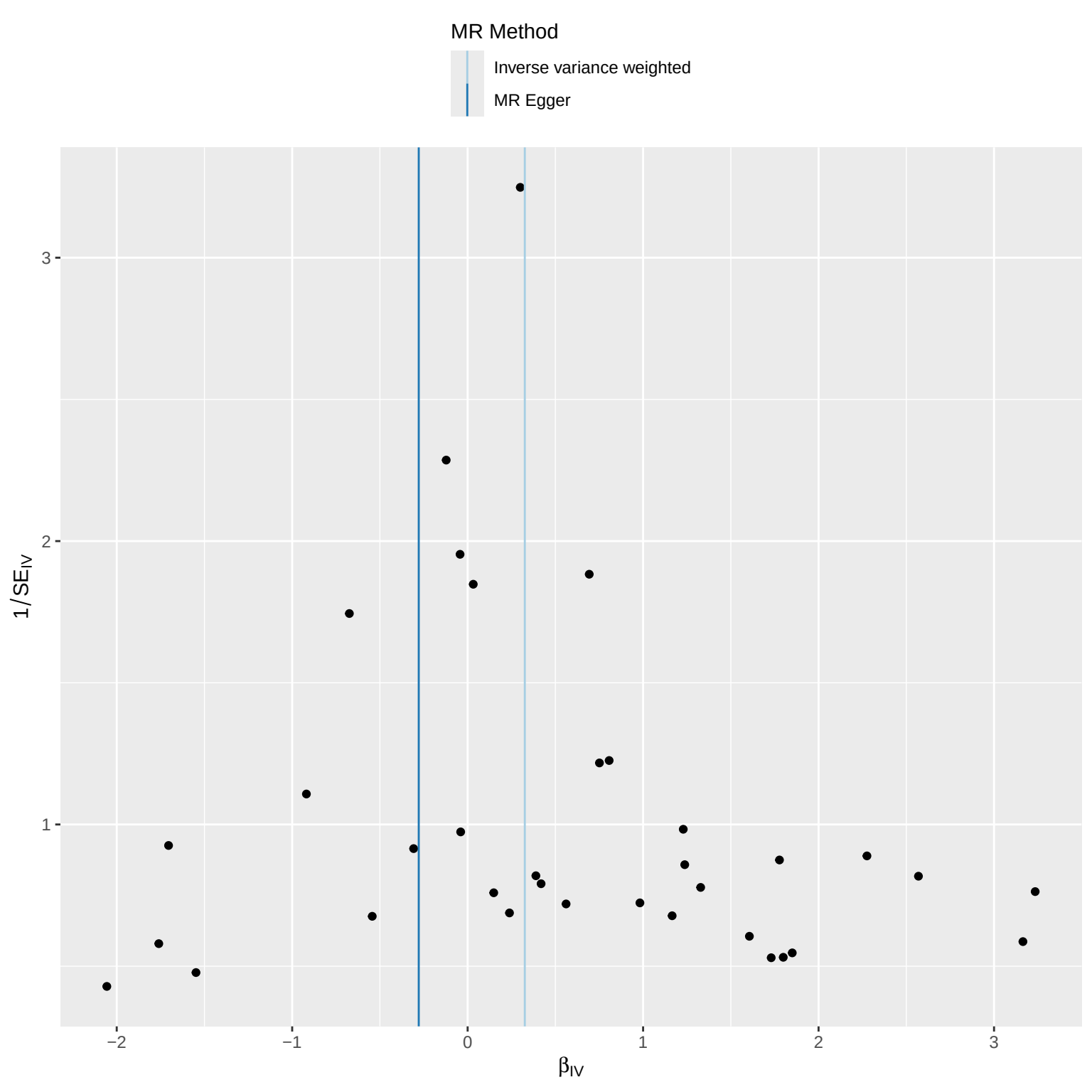

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

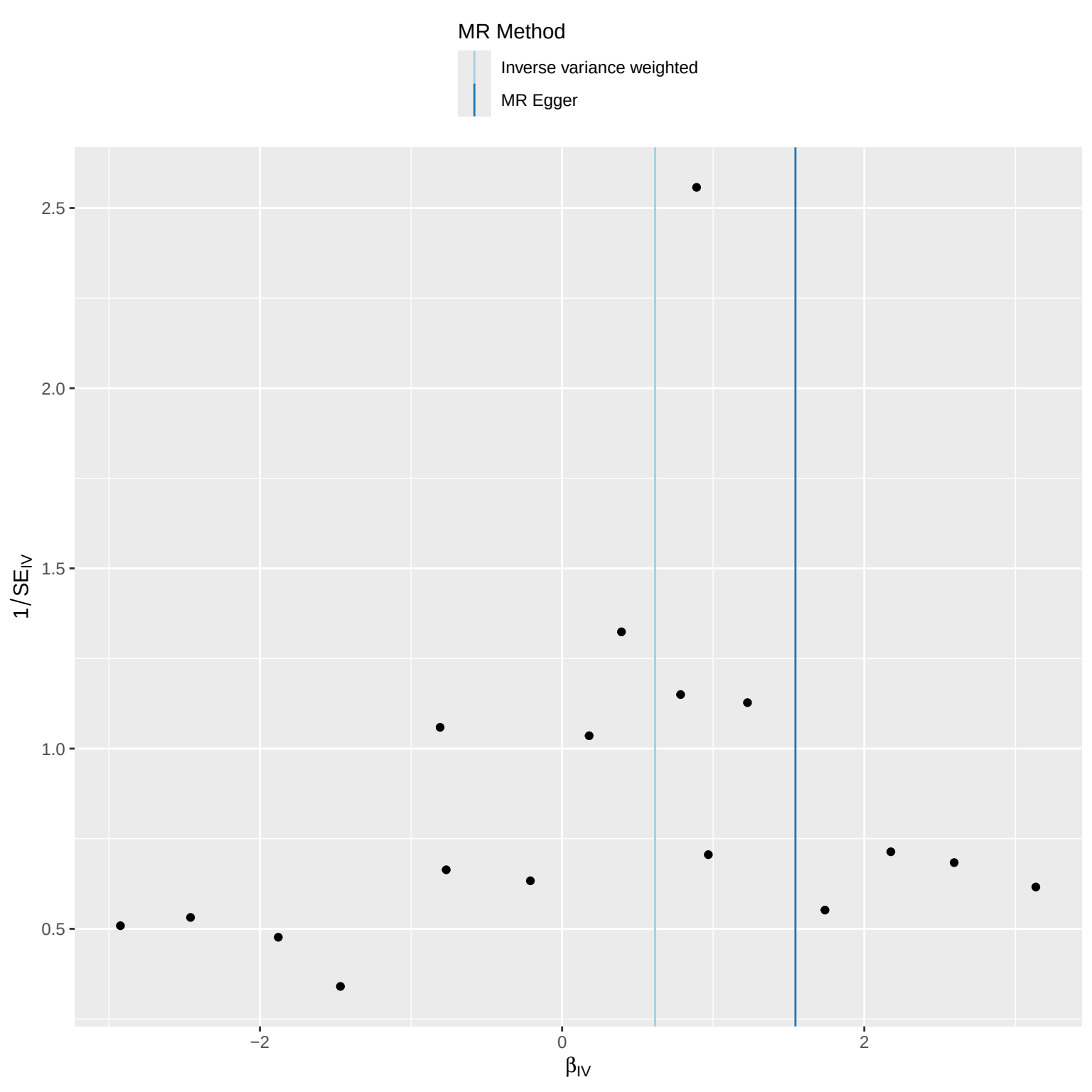

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

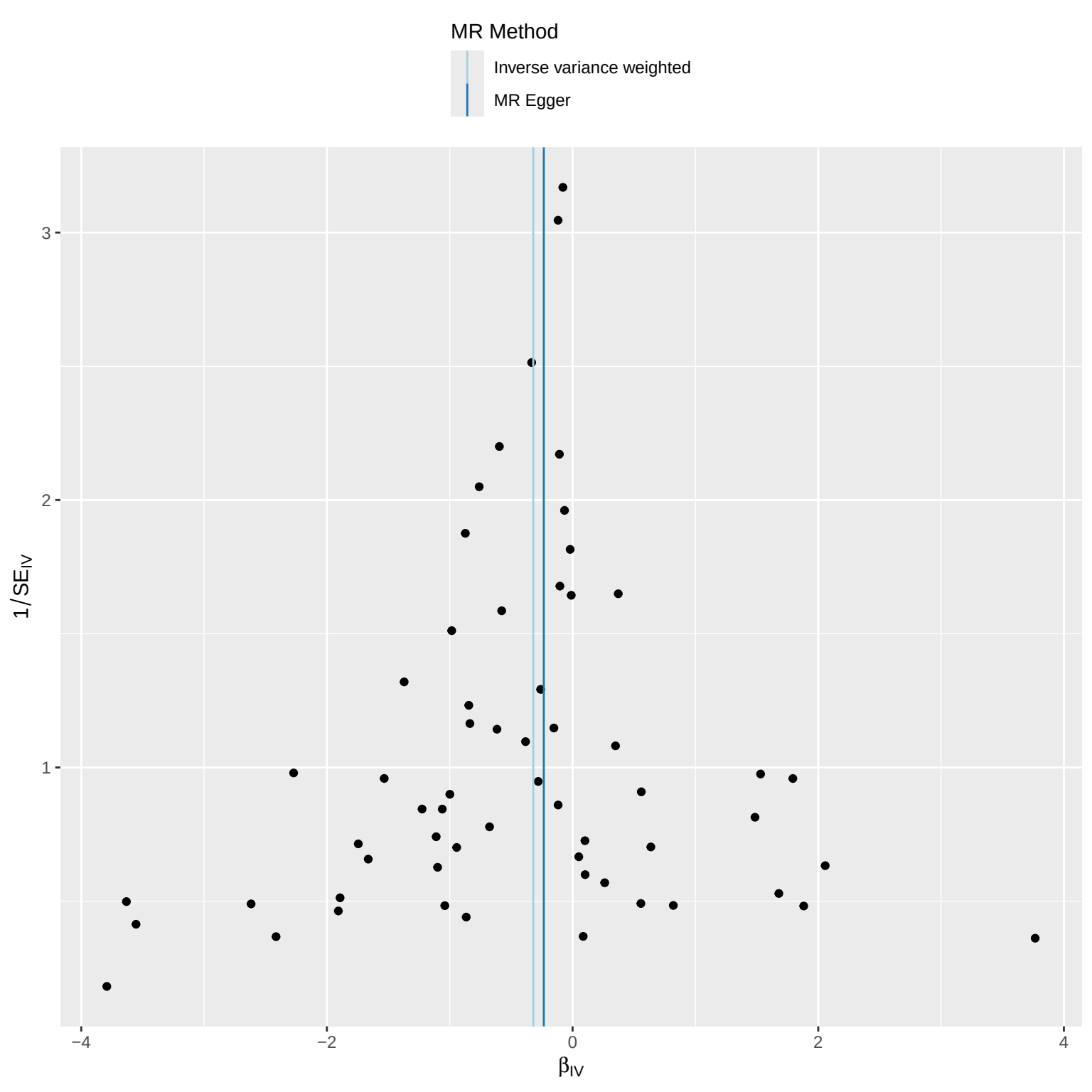

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

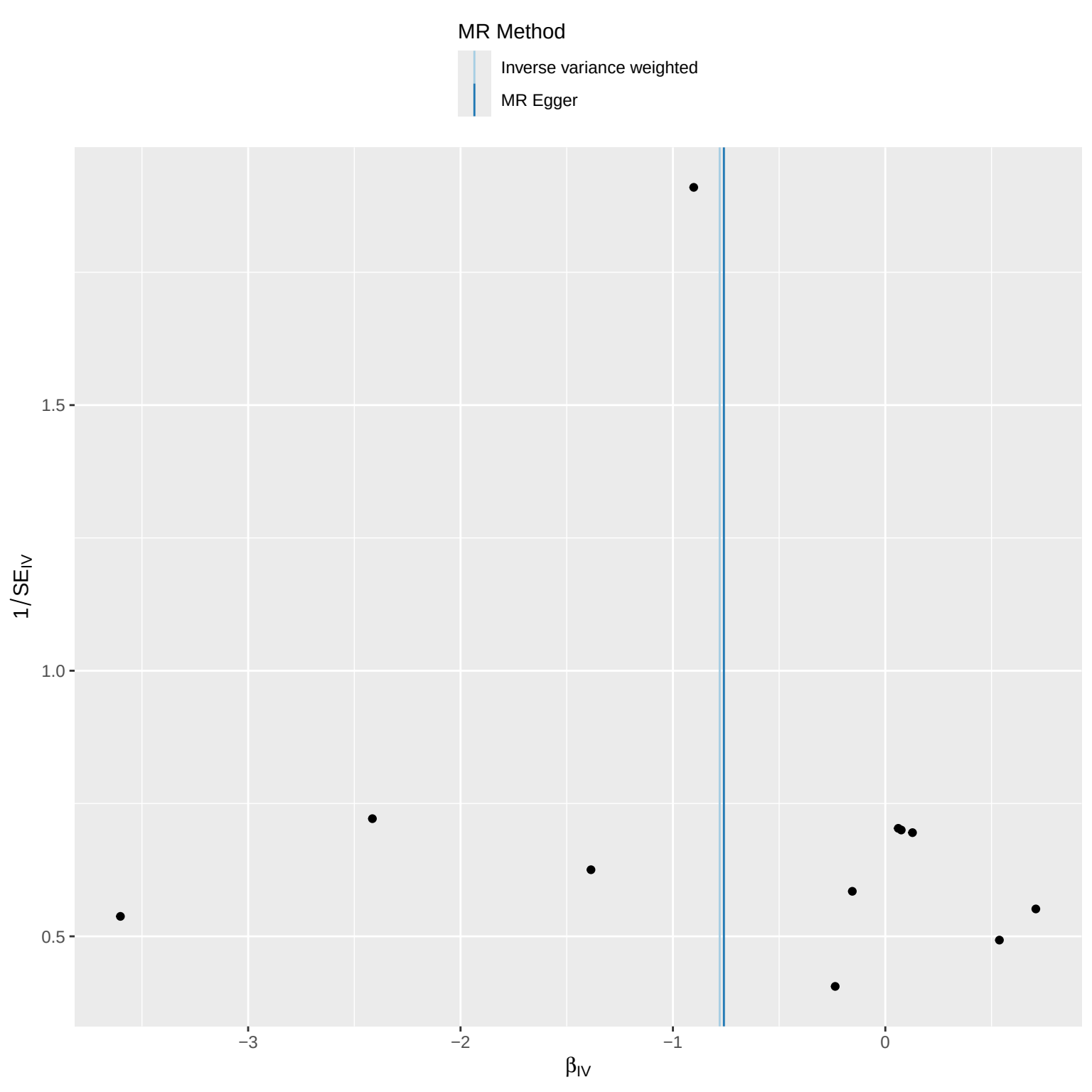

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

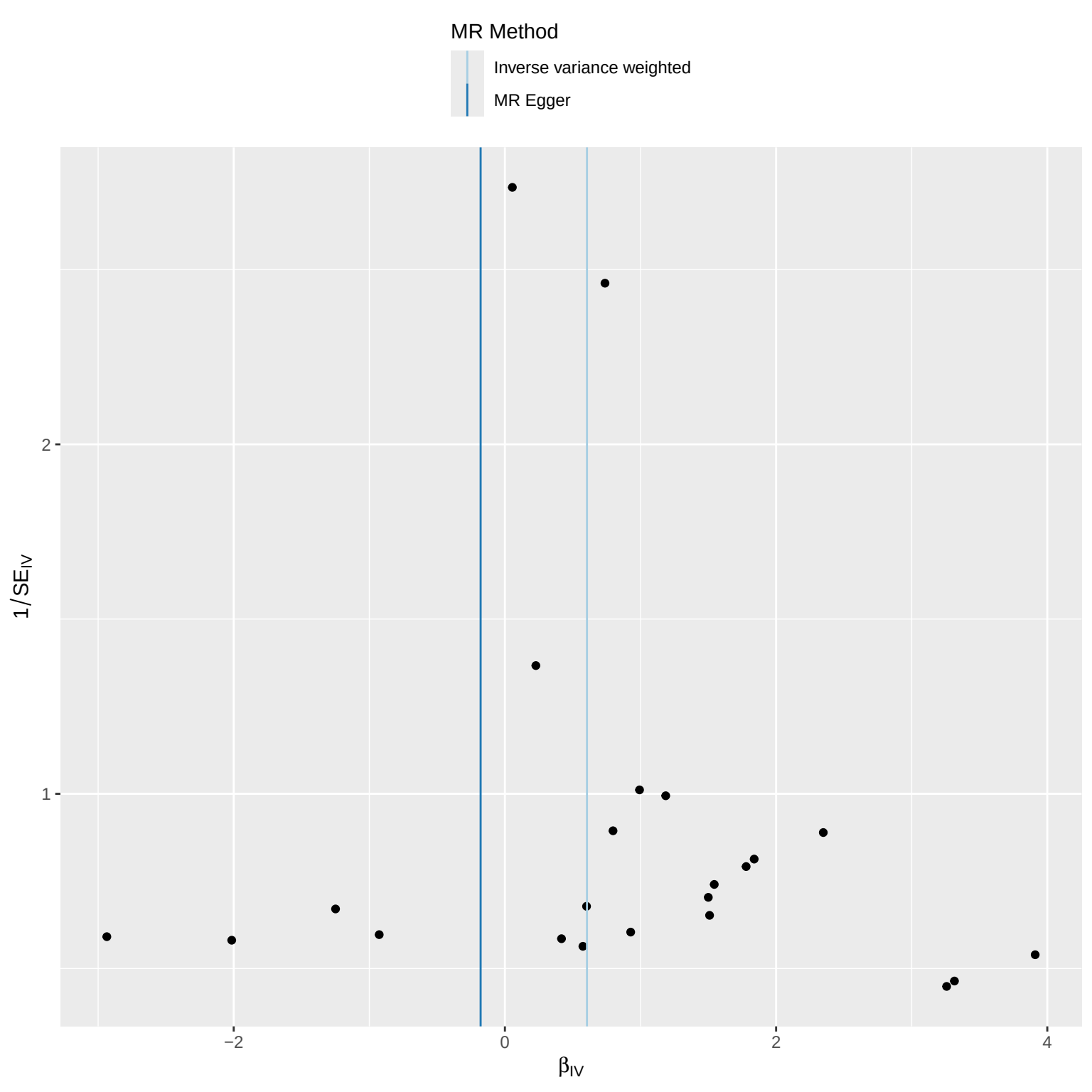

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−3
−2
−1
0
1
2
β_IV

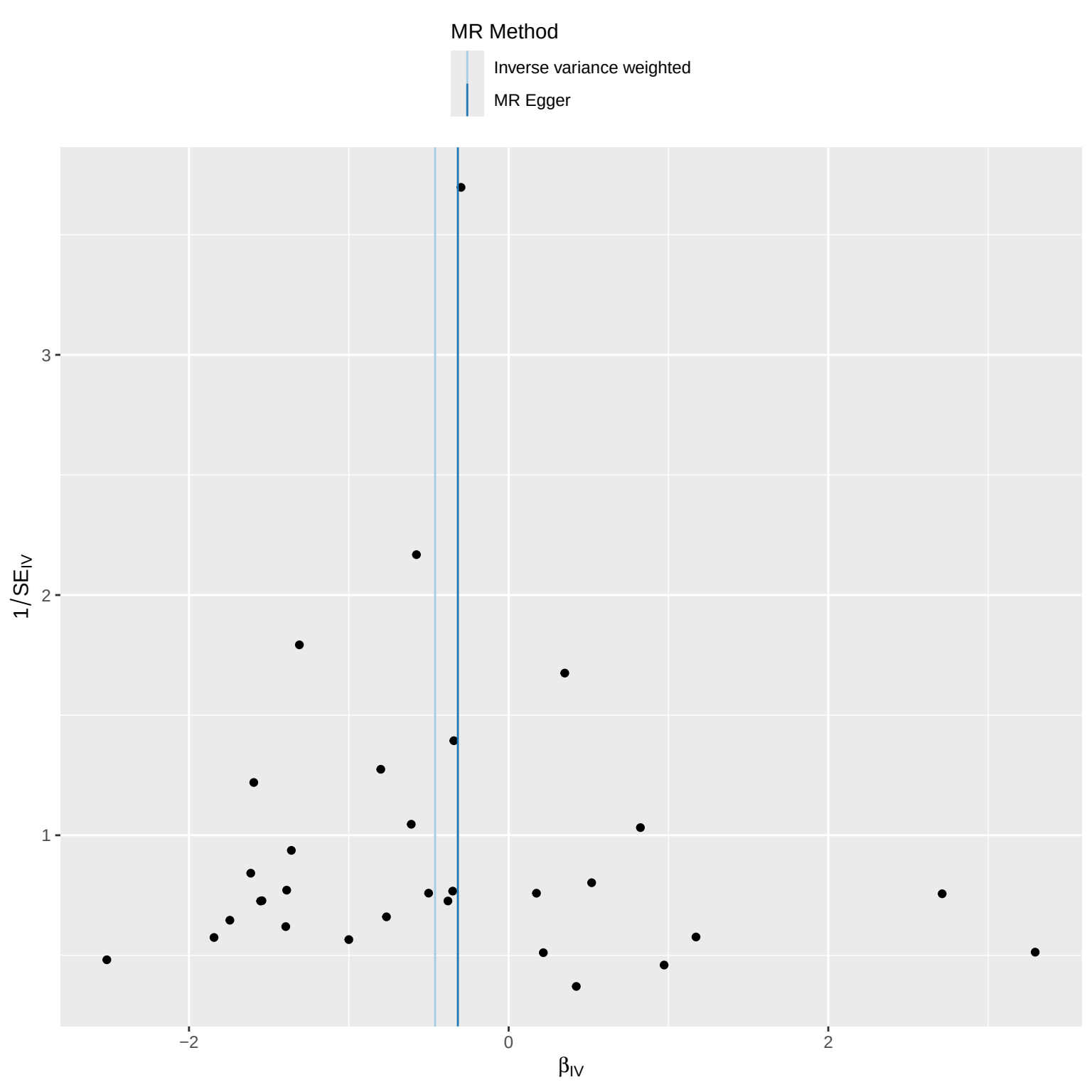

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

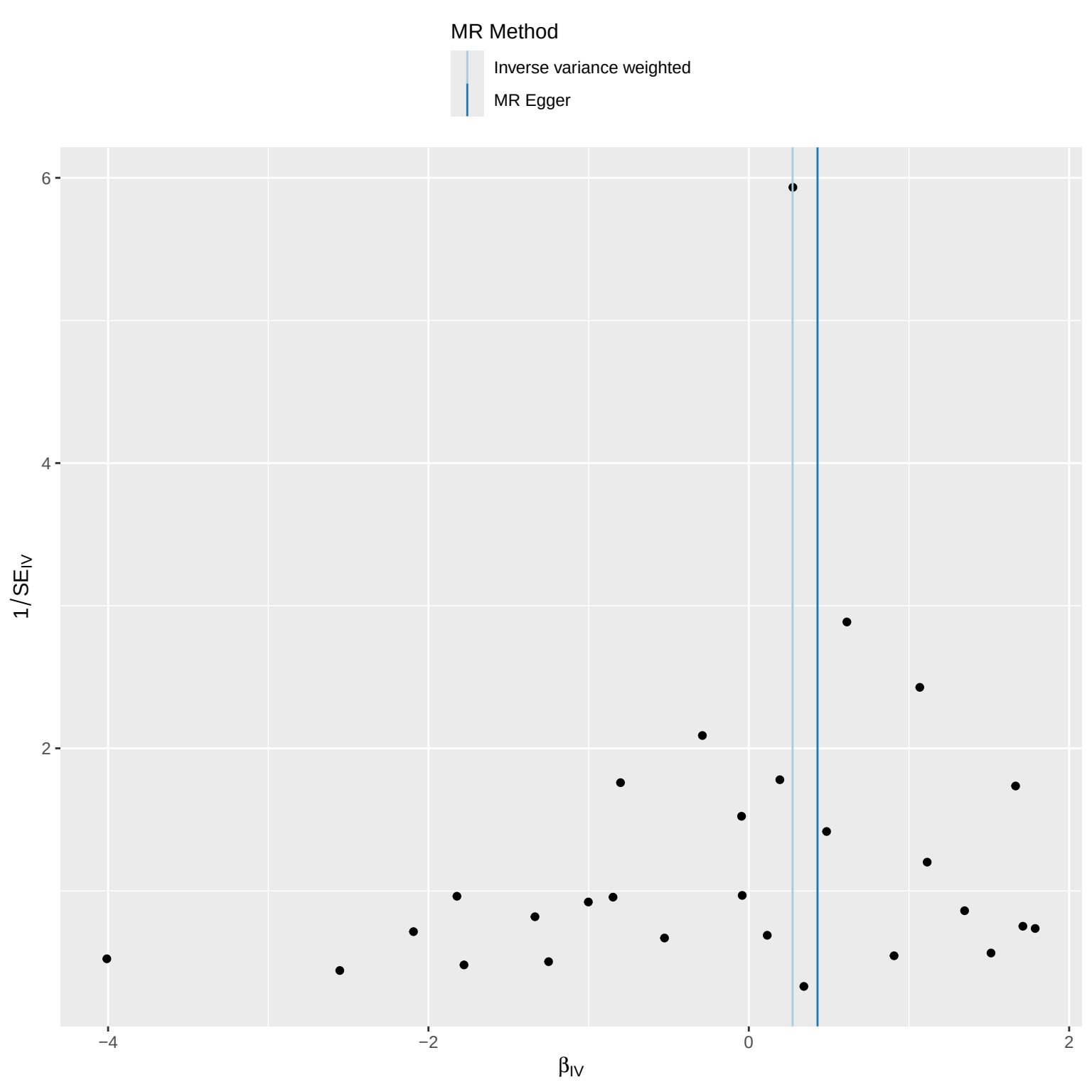

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

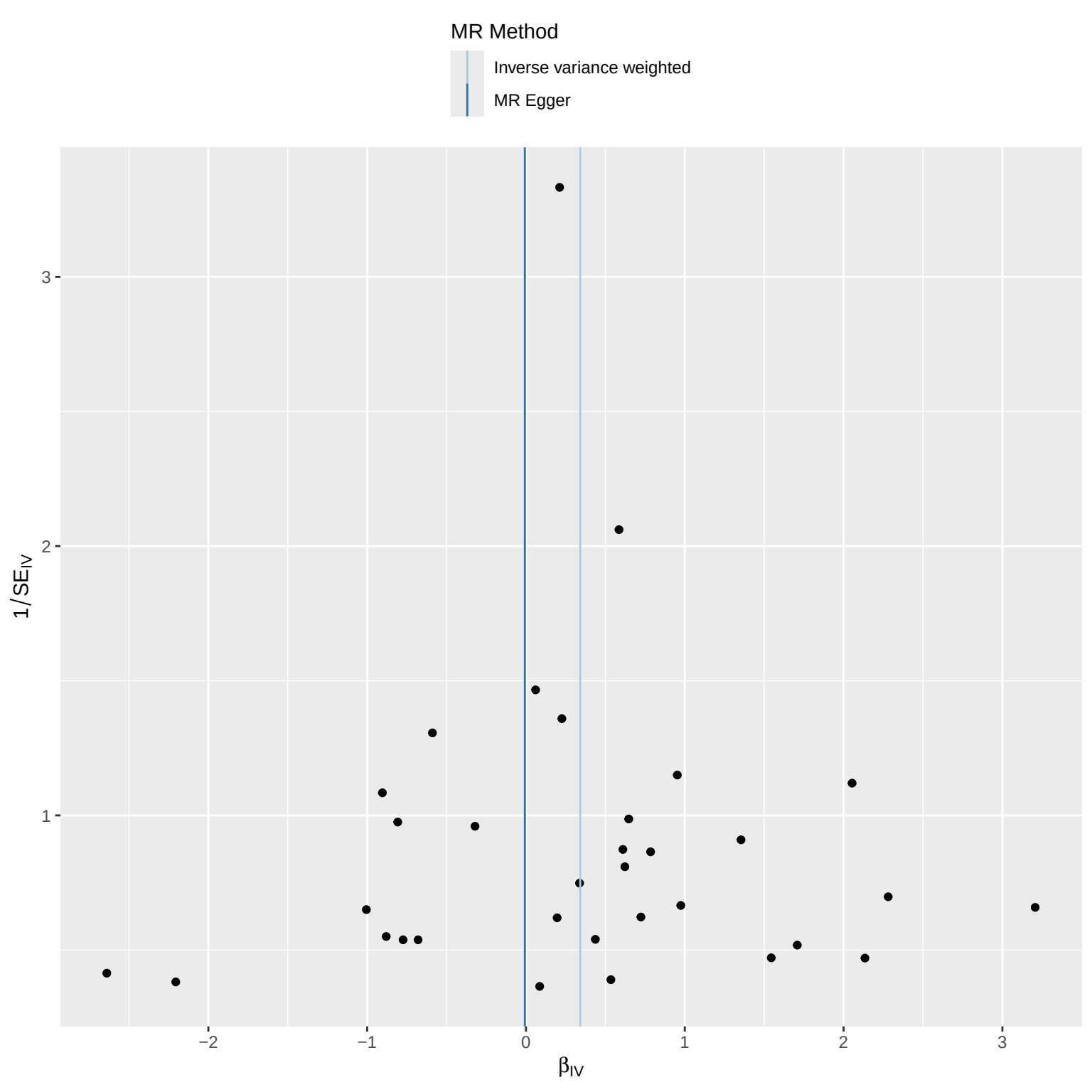

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

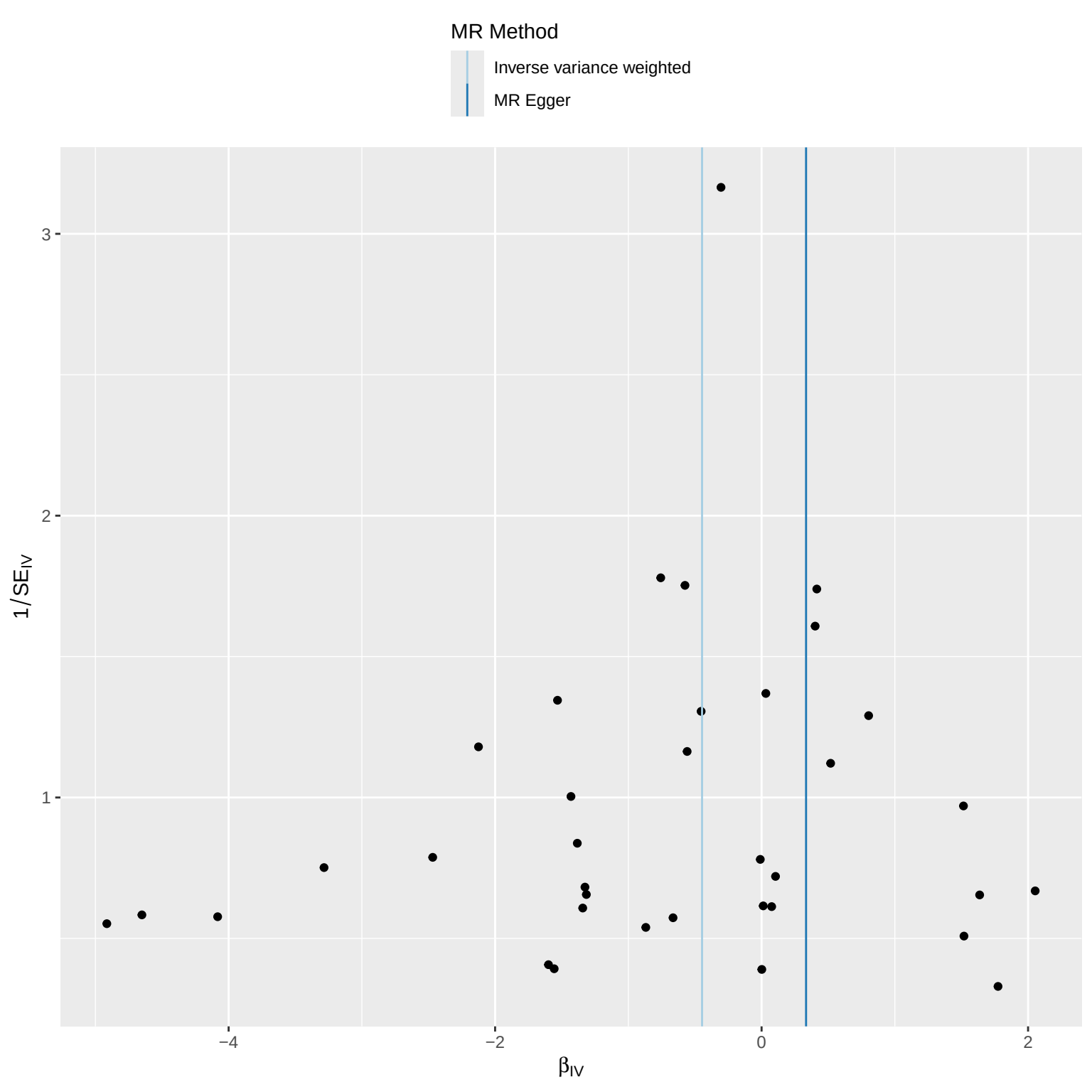

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

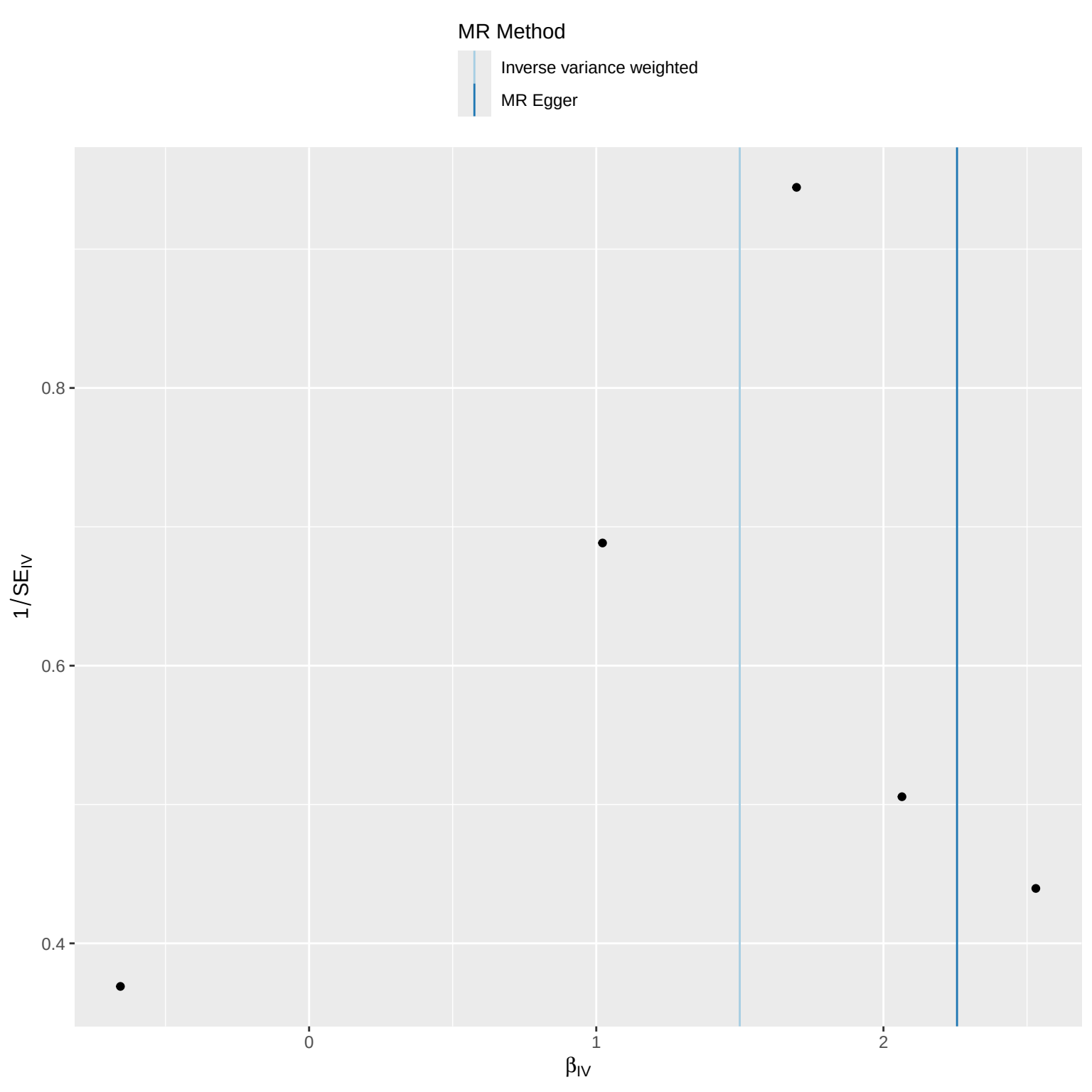

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

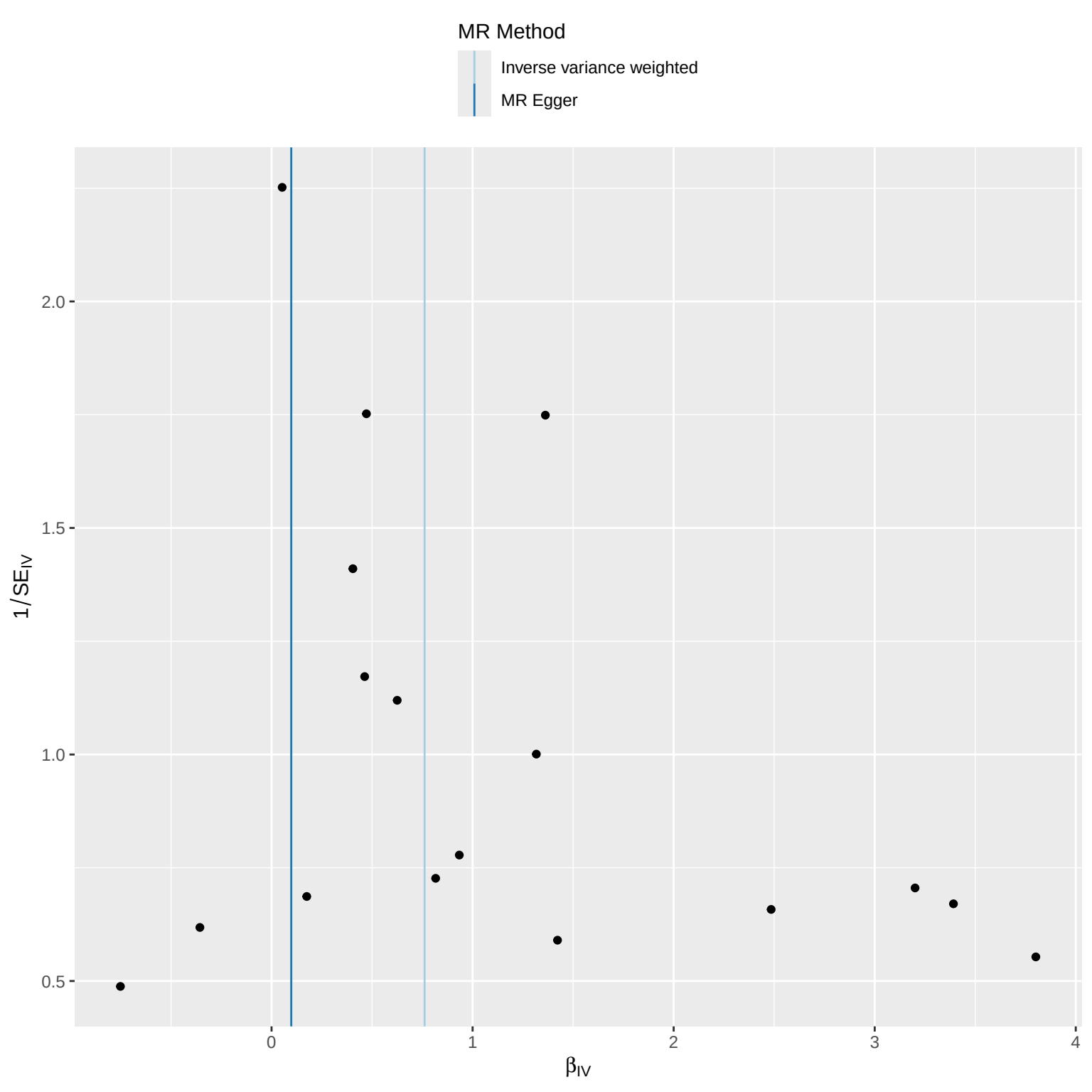

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

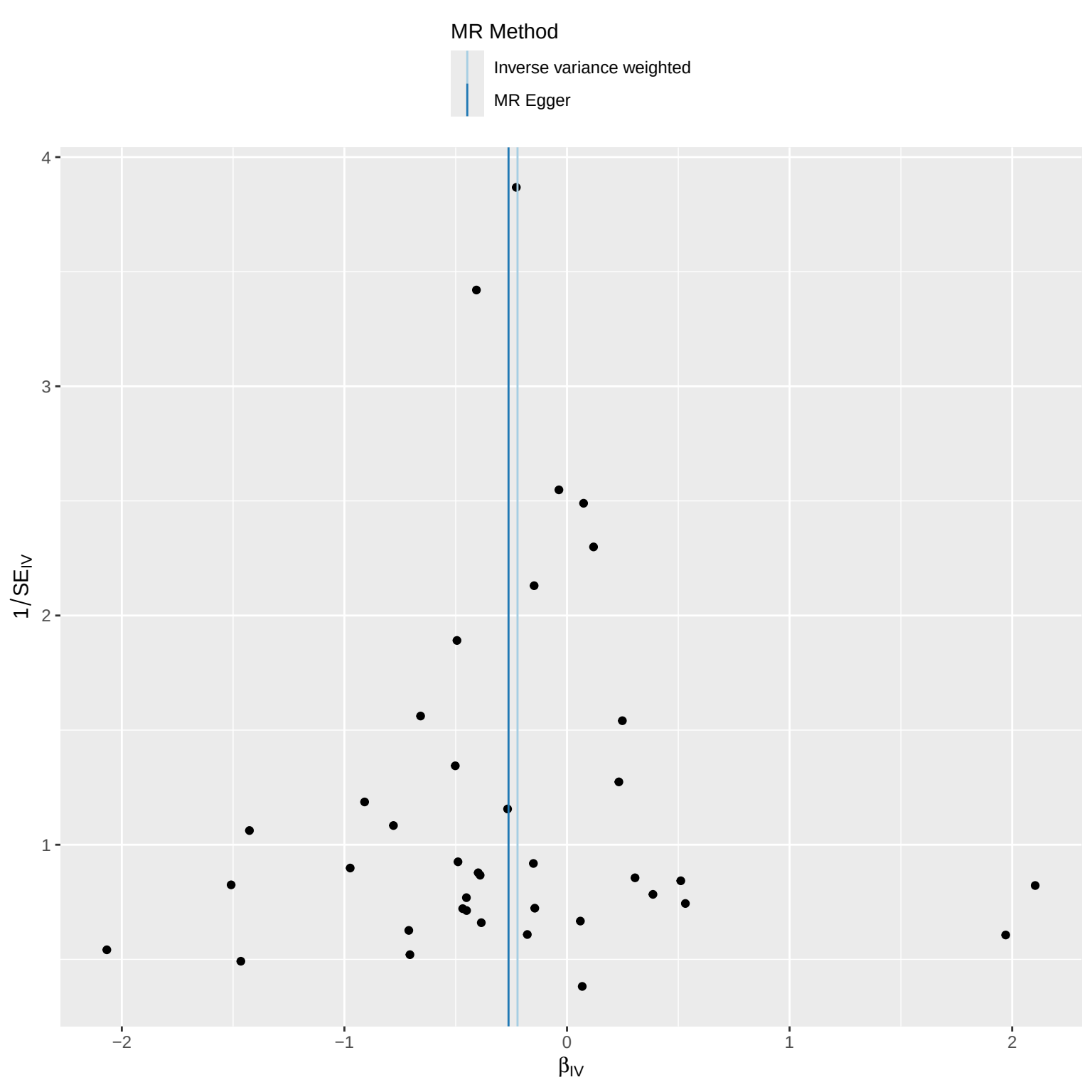

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

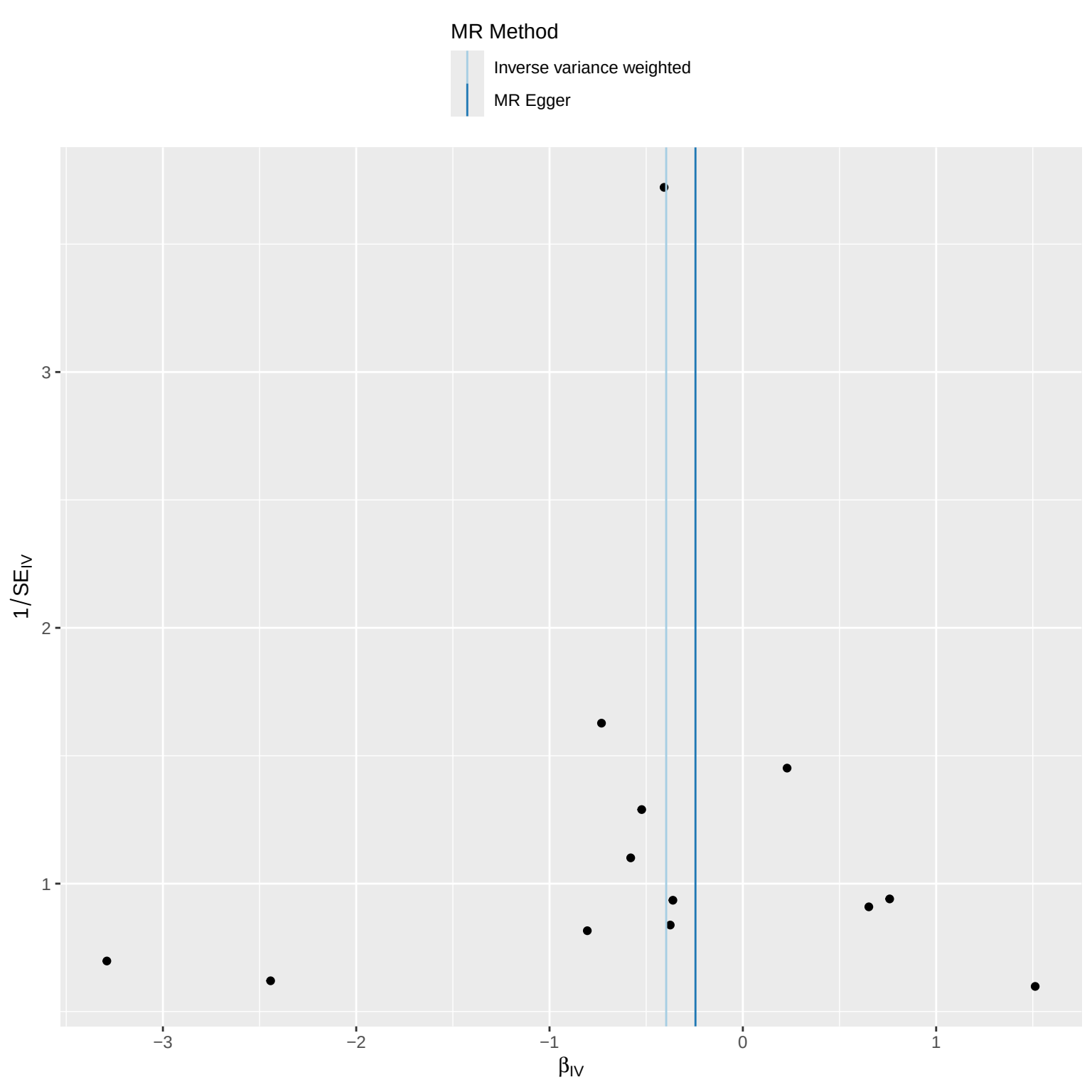

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

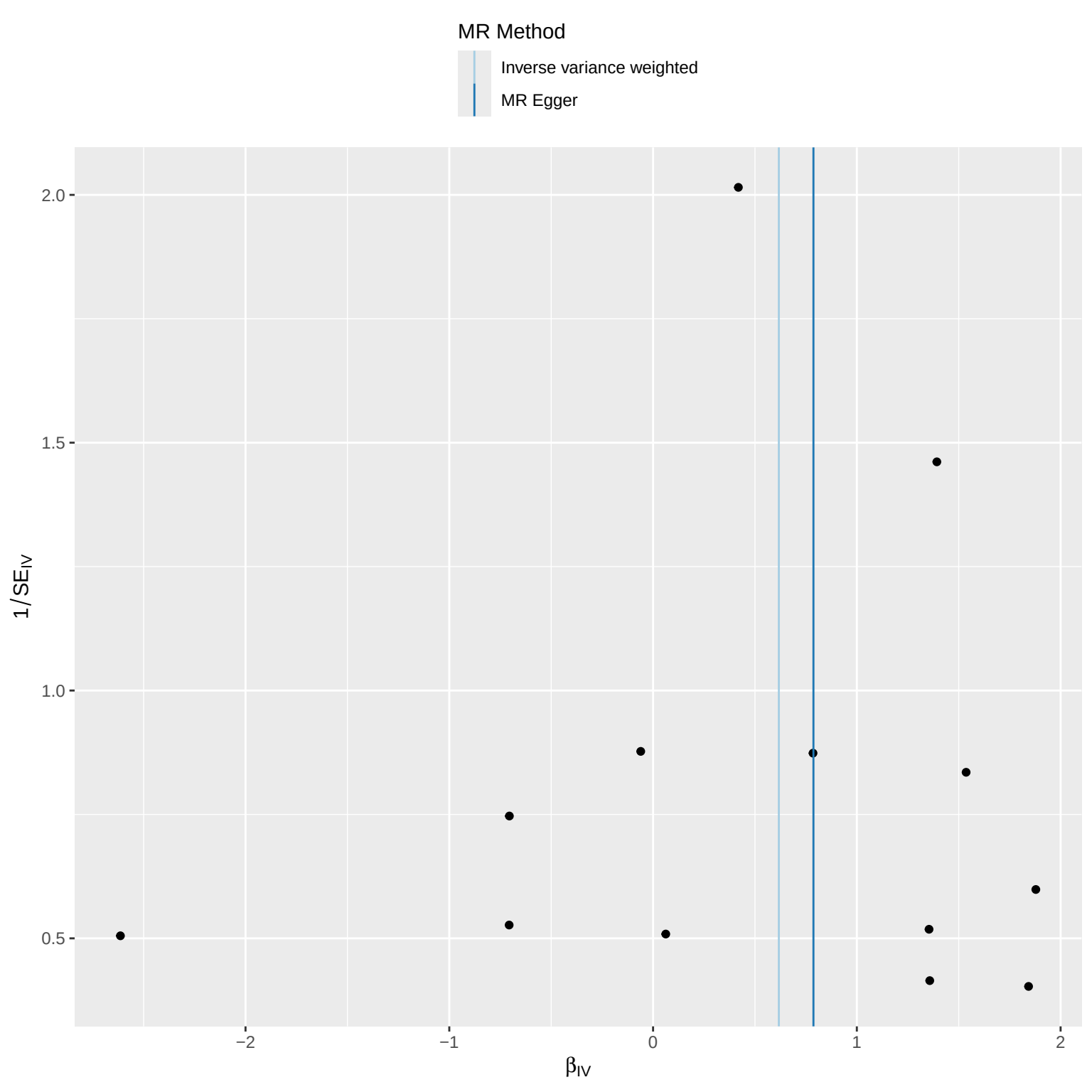

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

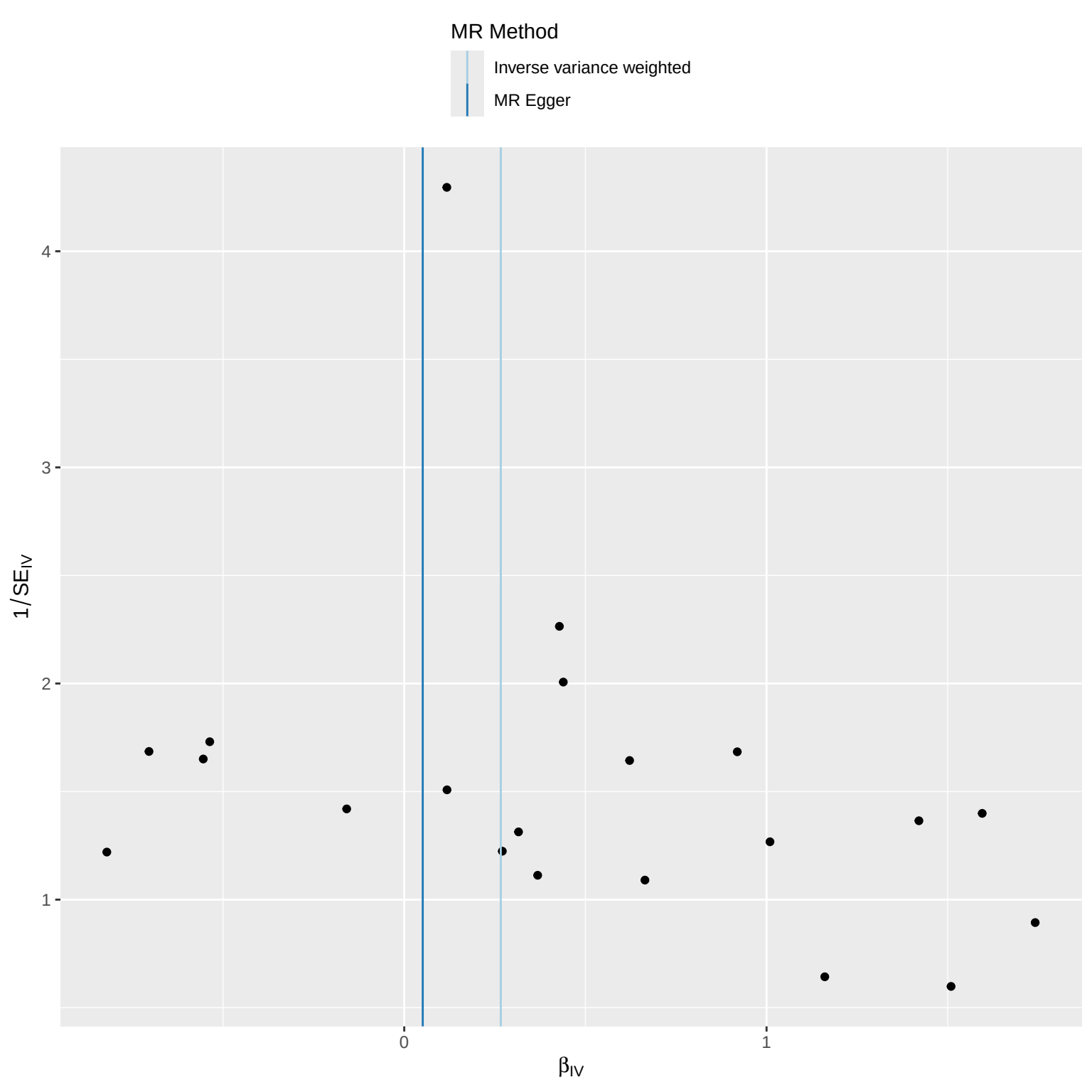

MR Method
Inverse variance weighted
MR Egger
0.8
0.6
0.4
1/SE_IV
0
1
2
β_IV

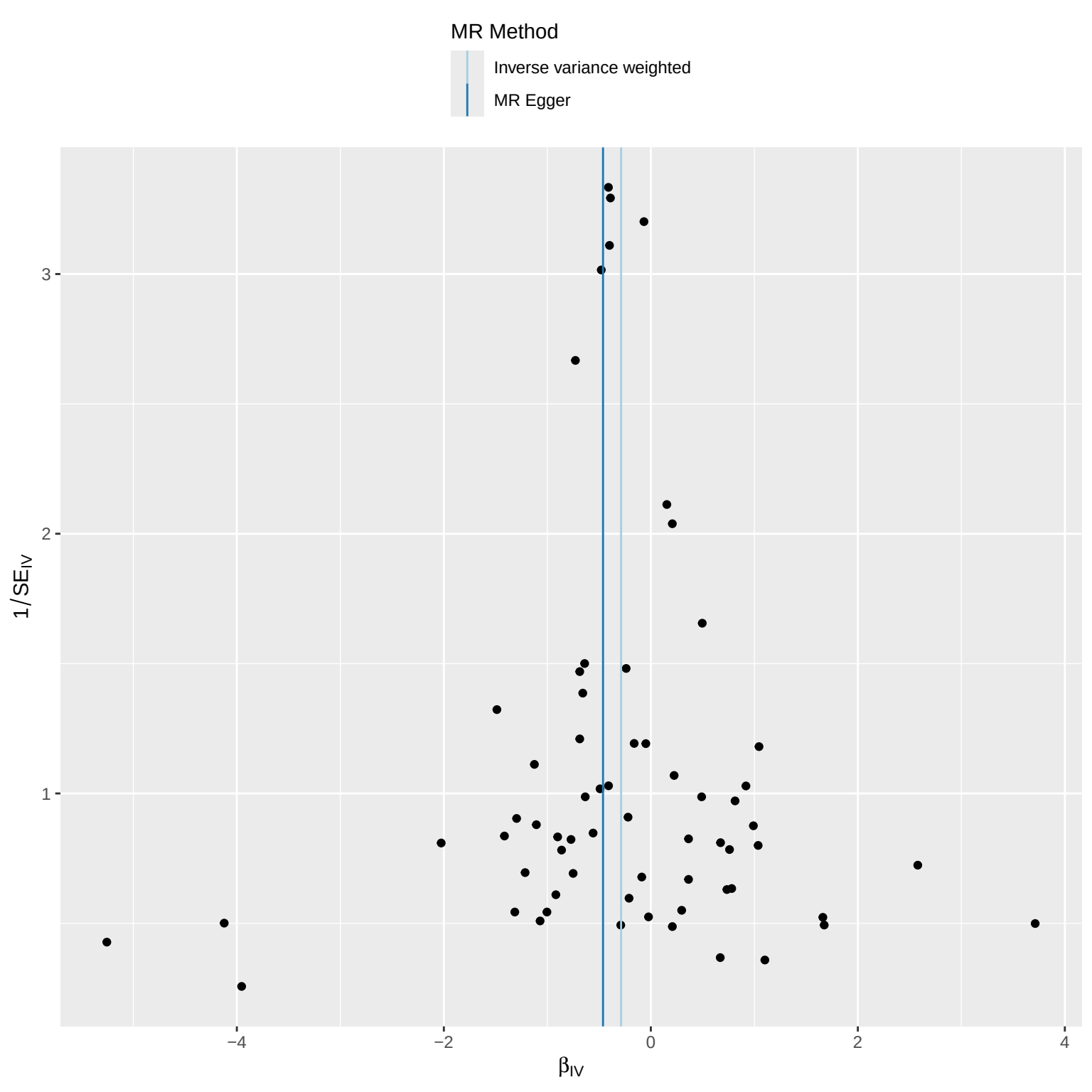

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
4
β_IV

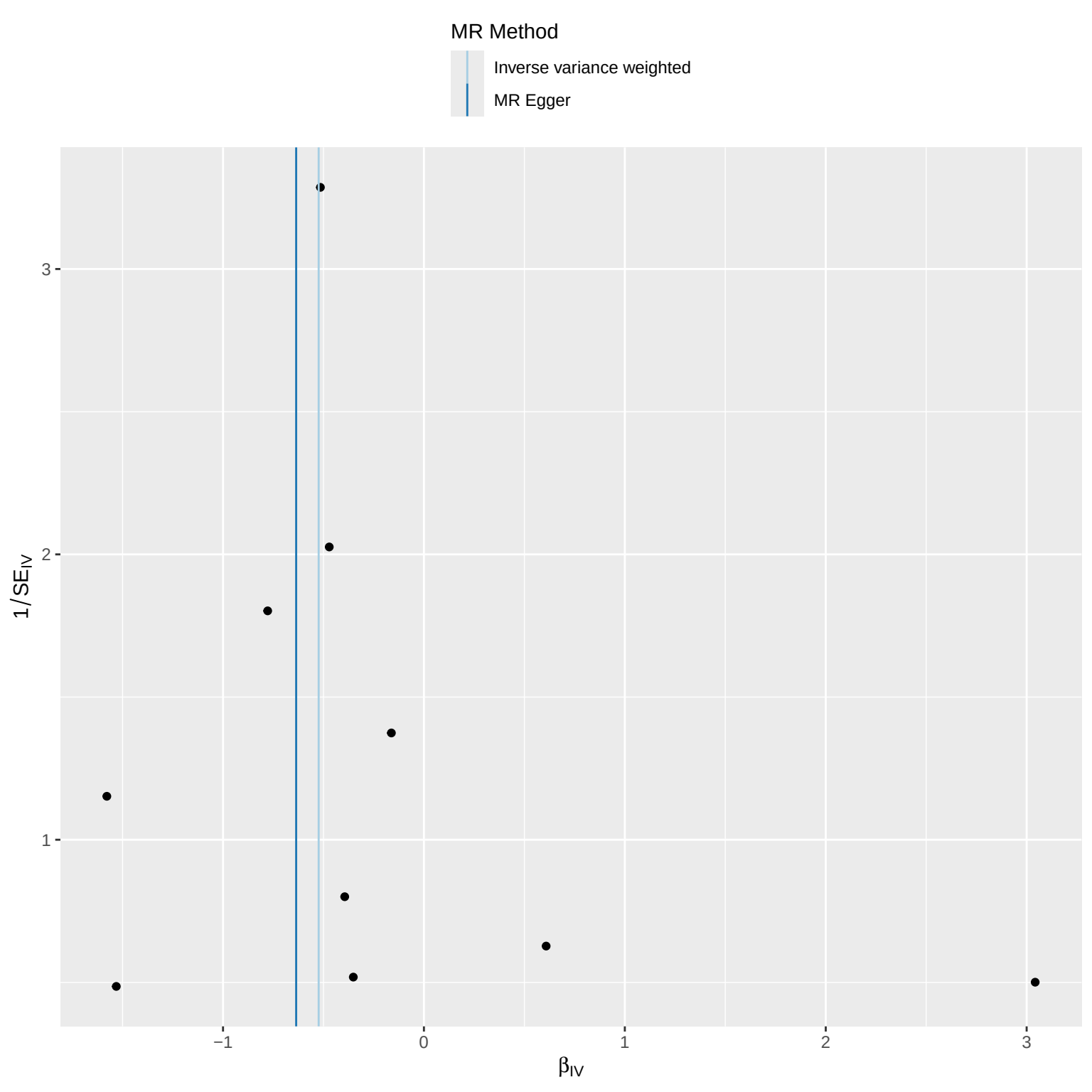

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

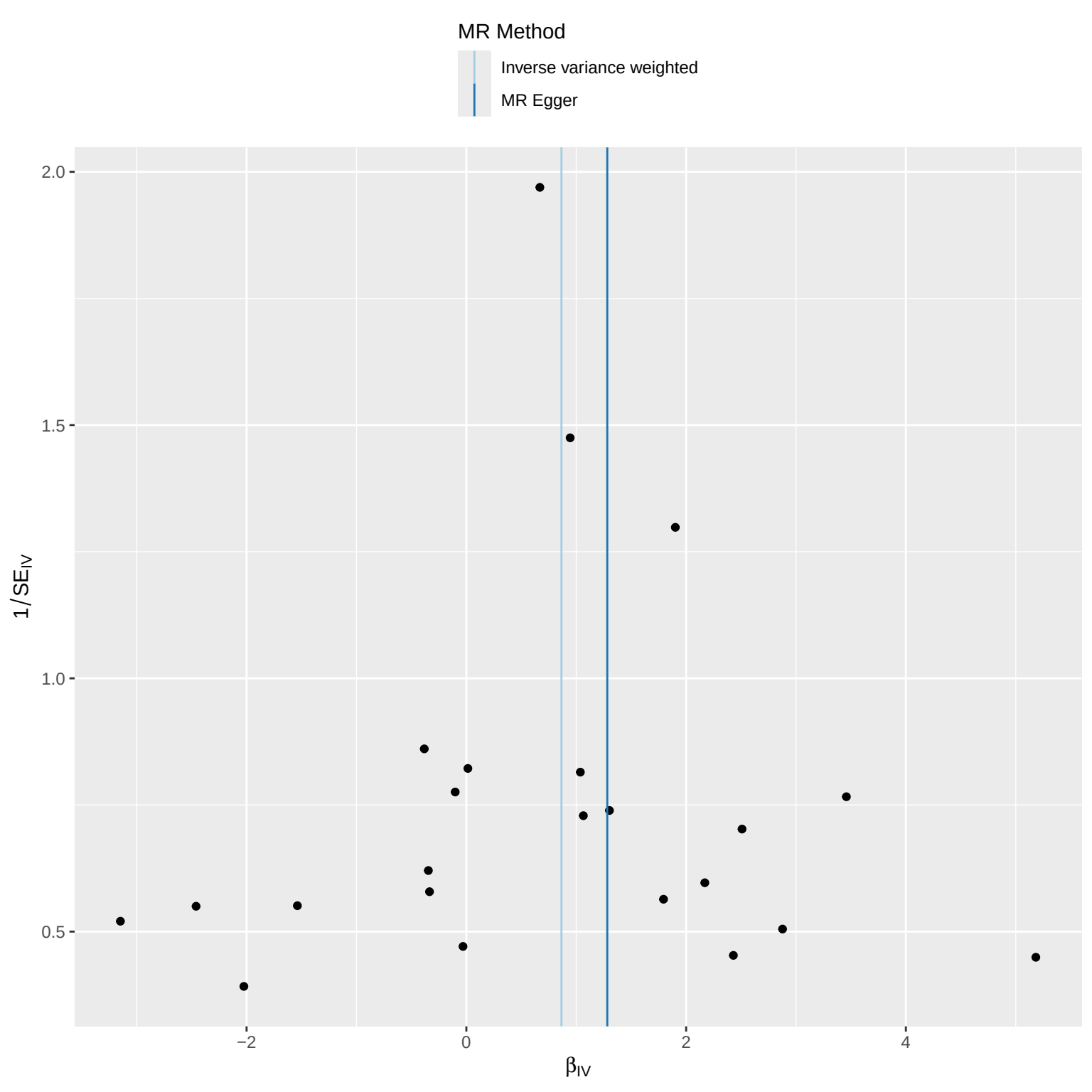

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

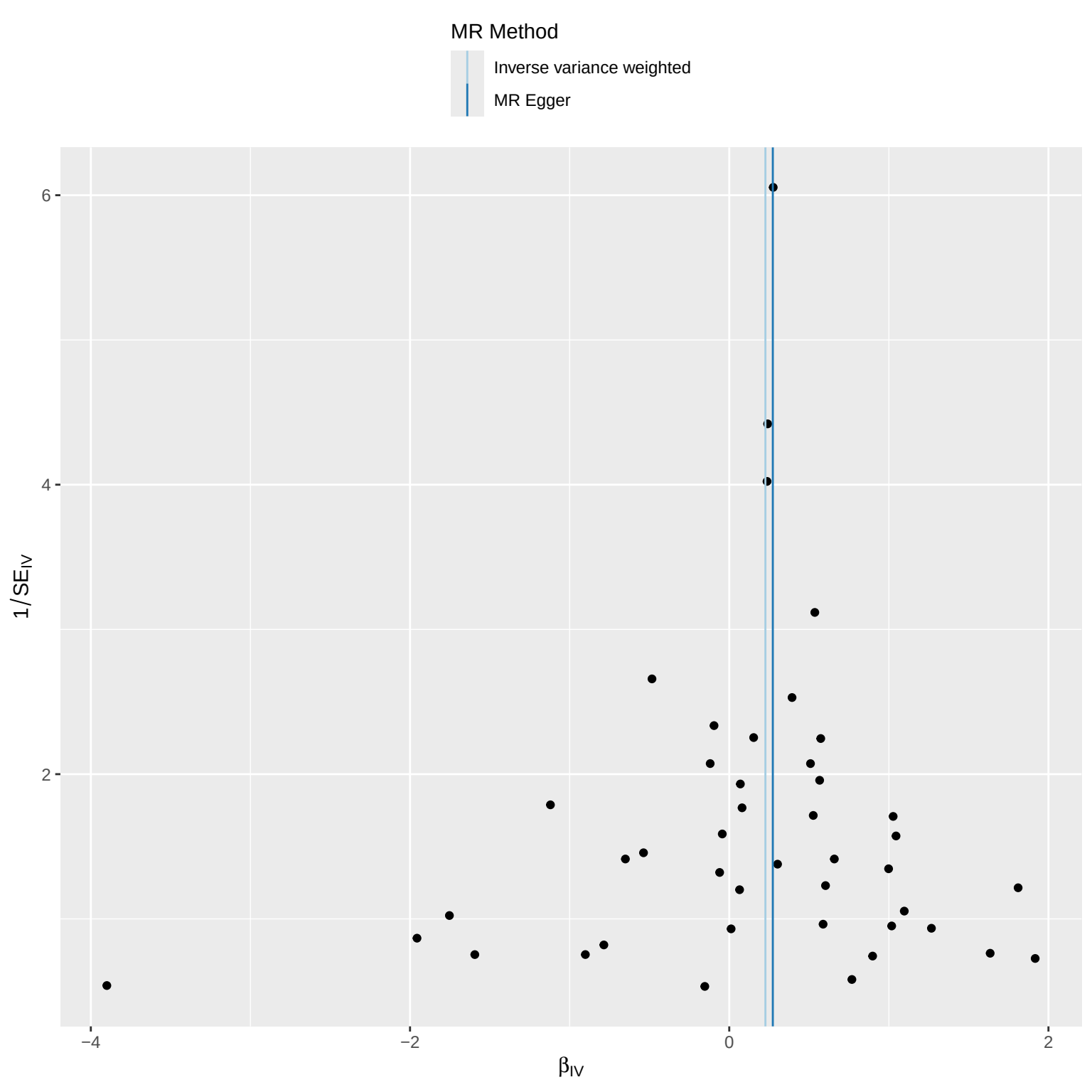

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

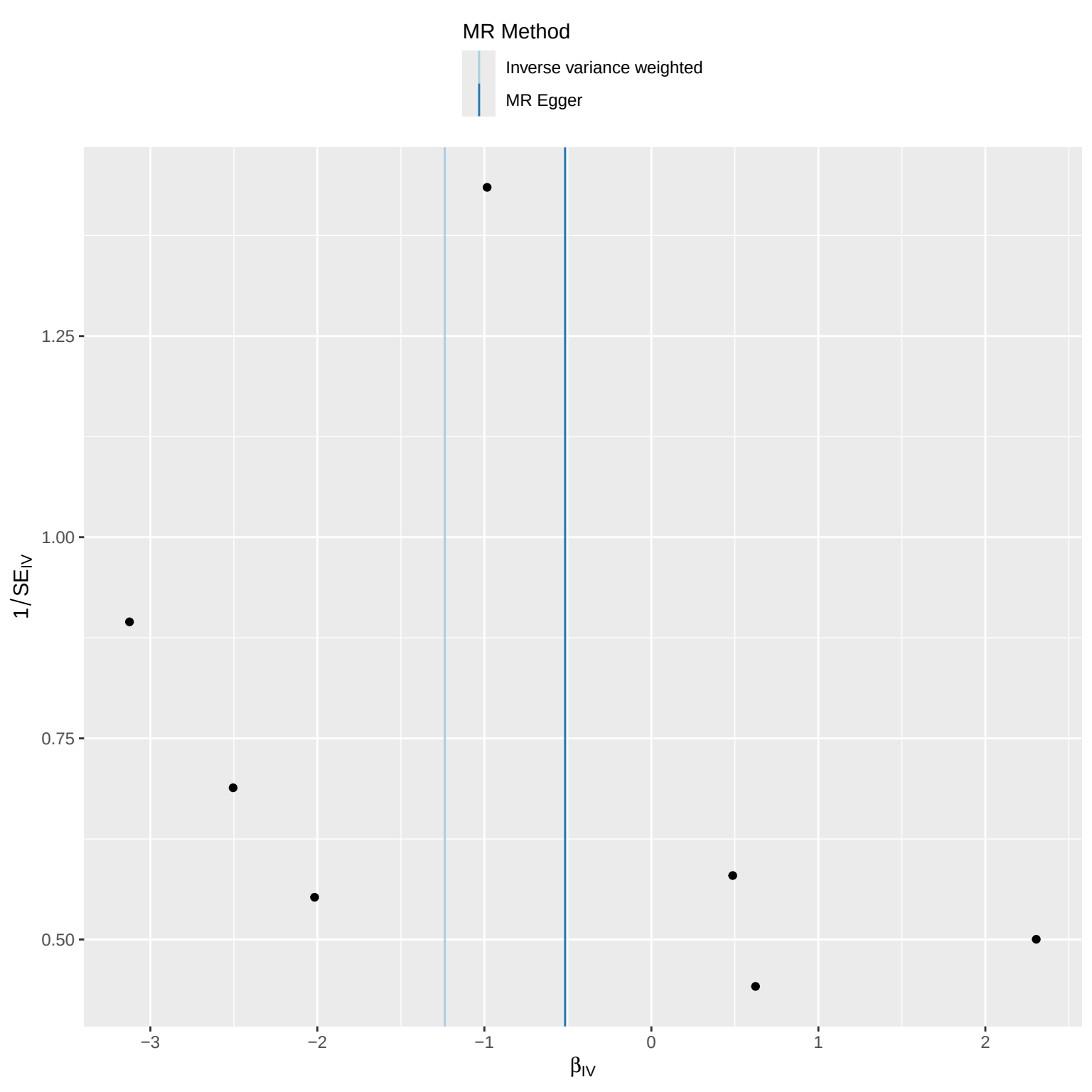

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
1/SE_IV
β_IV

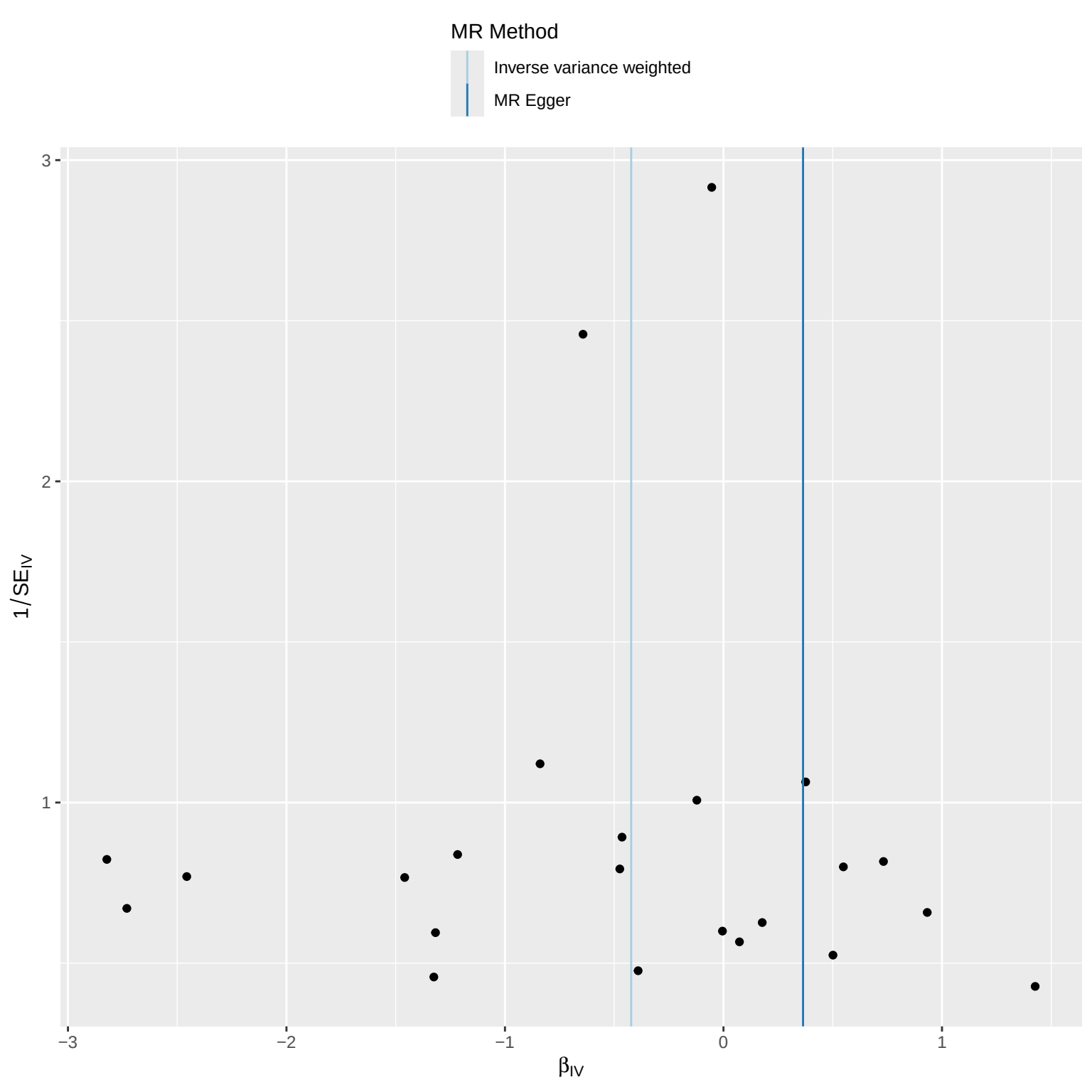

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
4
β_{IV}

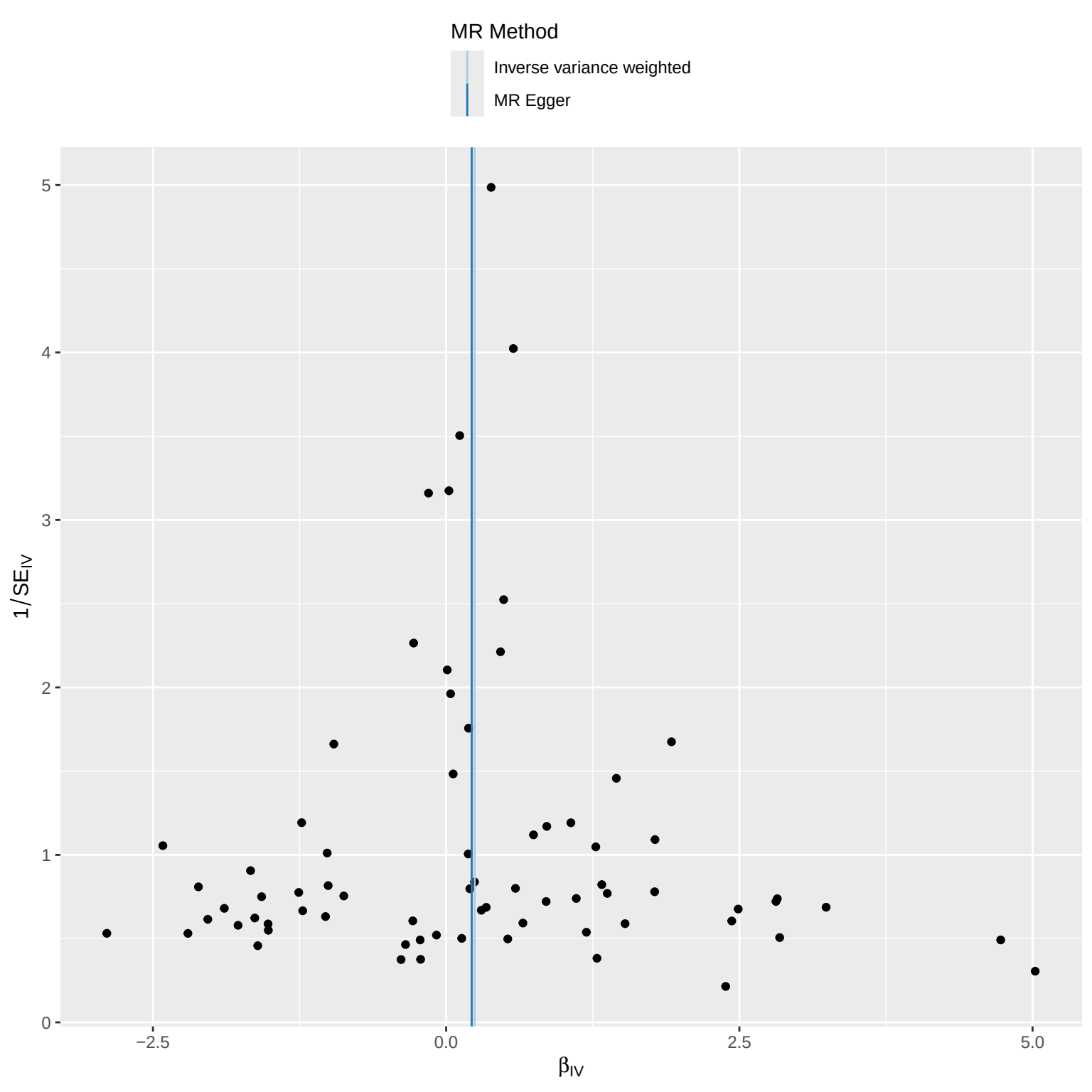

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

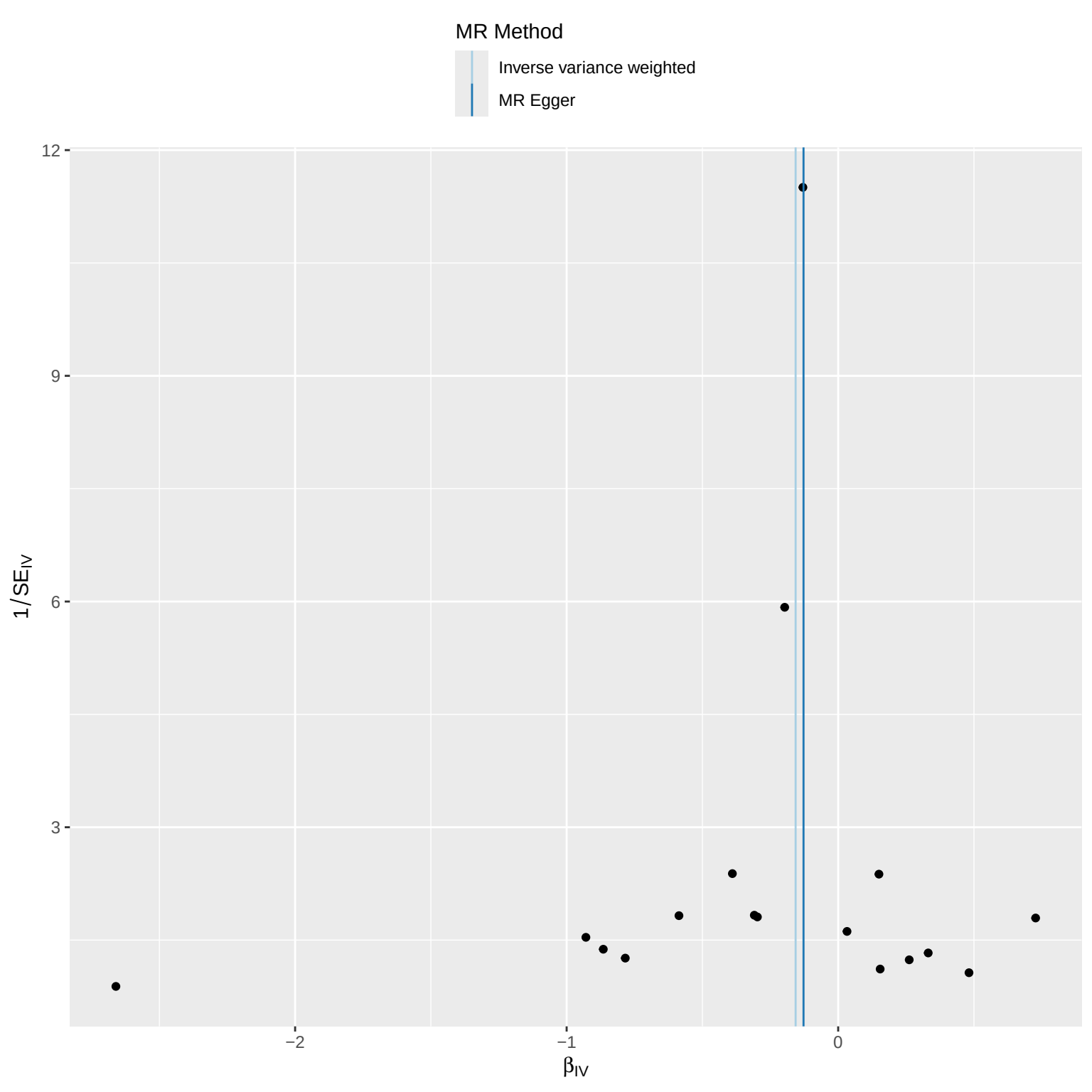

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

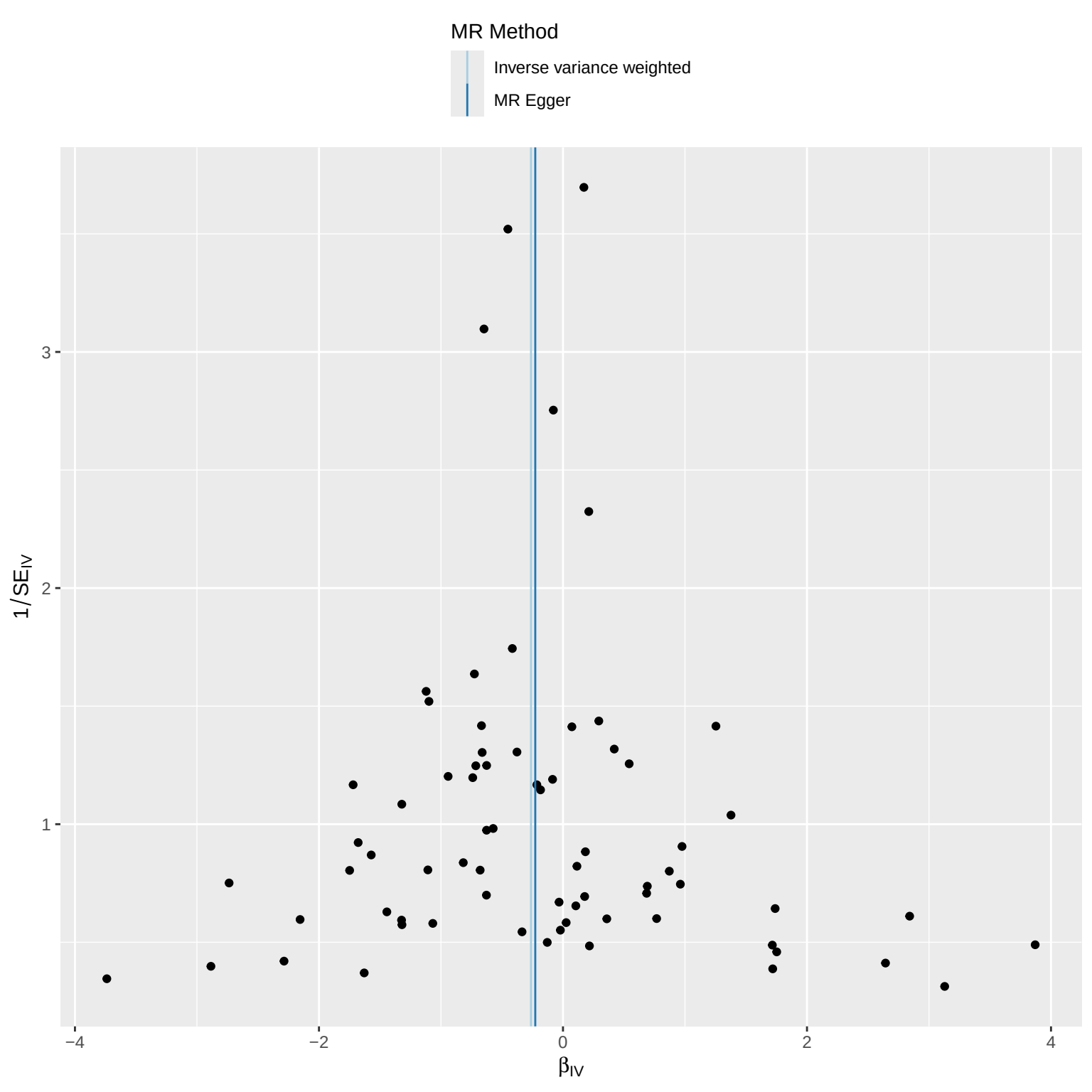

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

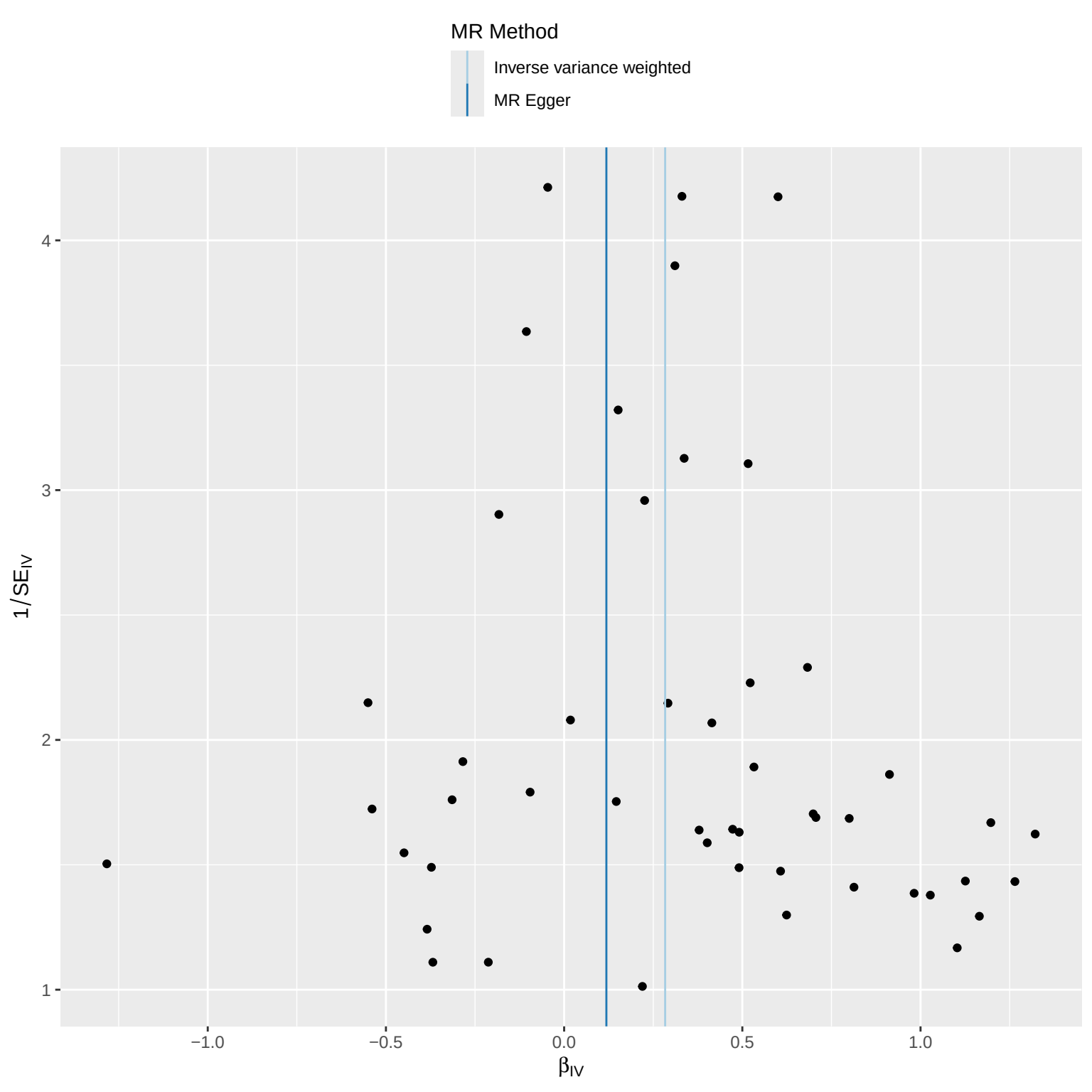

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
2
β_IV

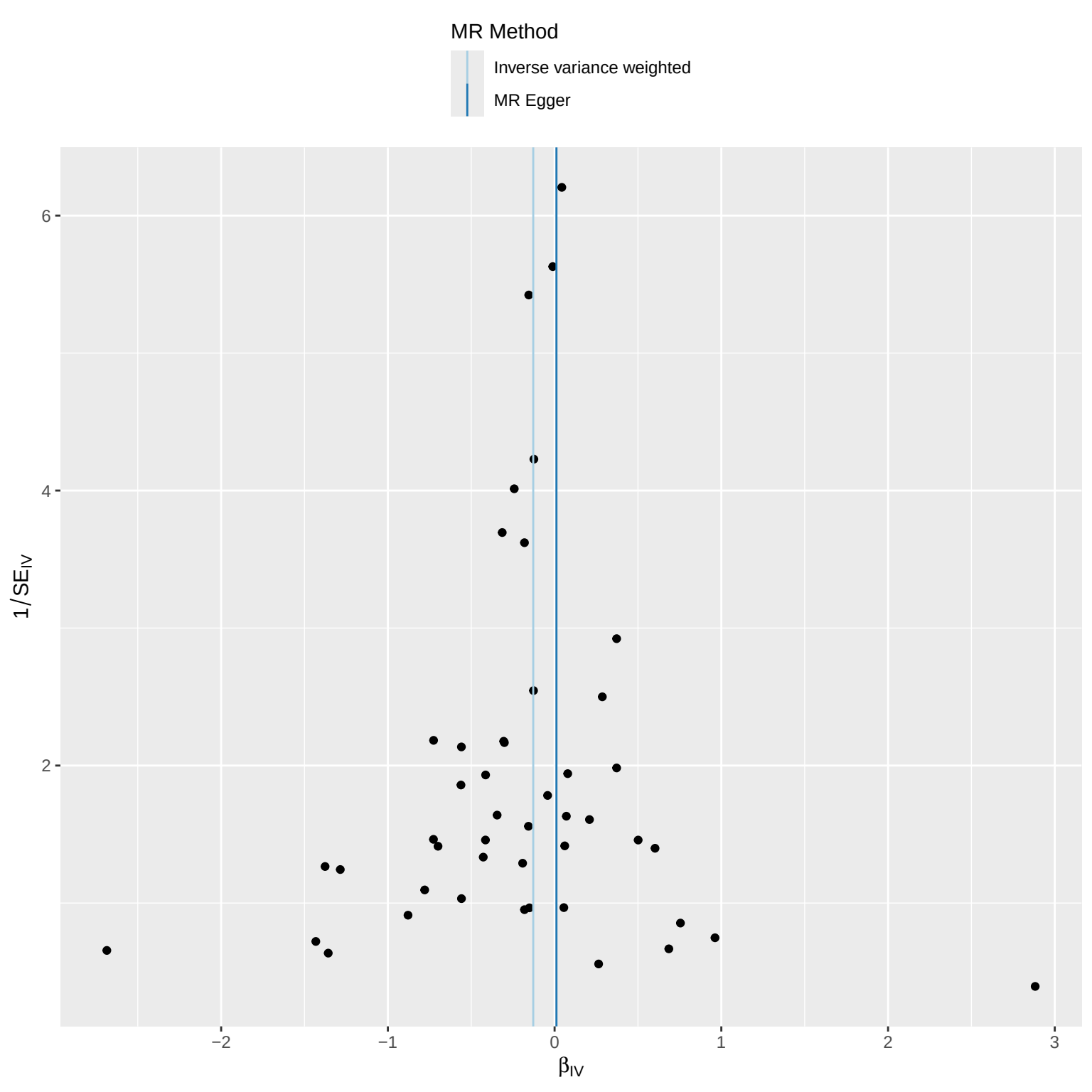

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

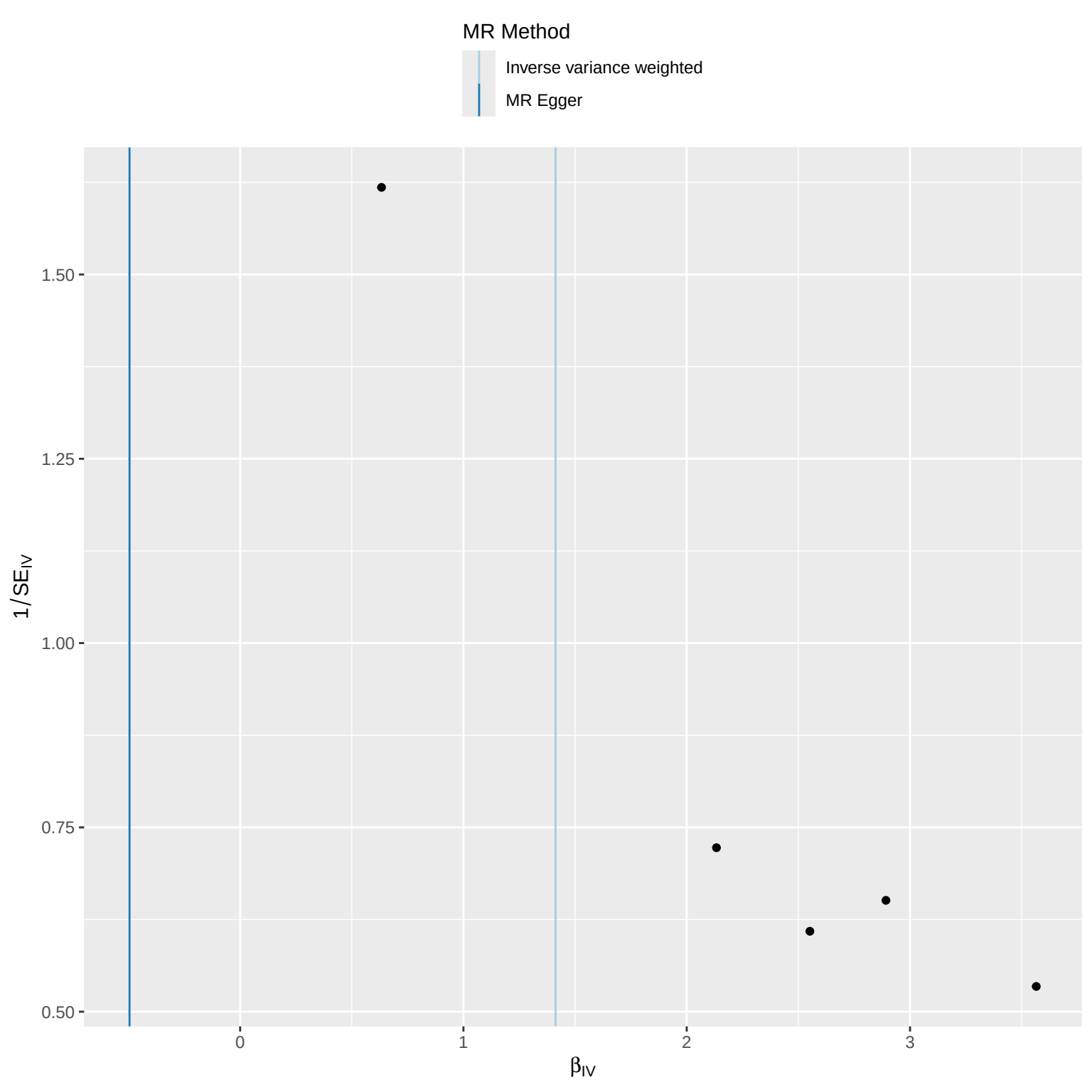

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

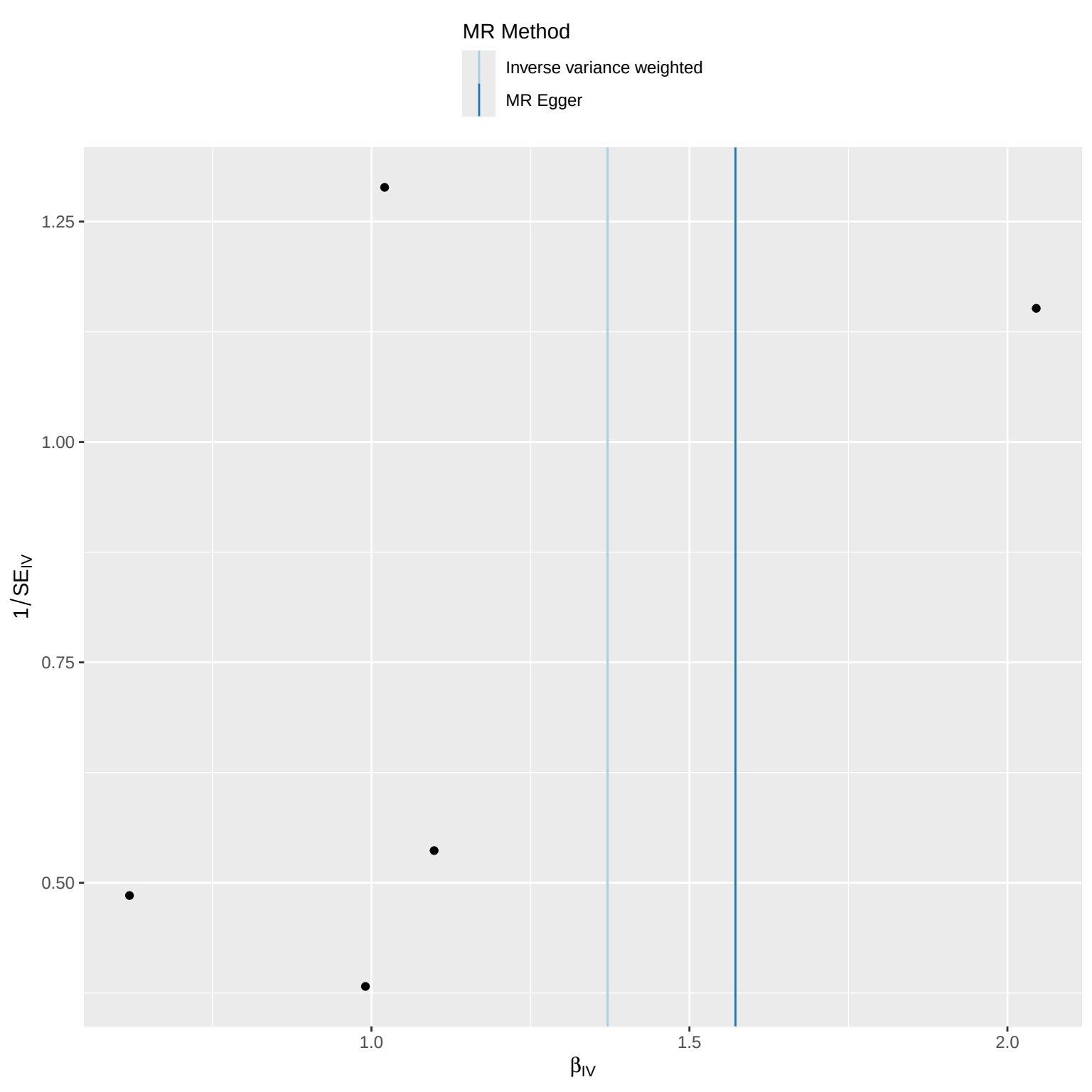

MR Method
Inverse variance weighted
MR Egger
12
9
6
3
1/SE_IV
−2
−1
0
β_IV

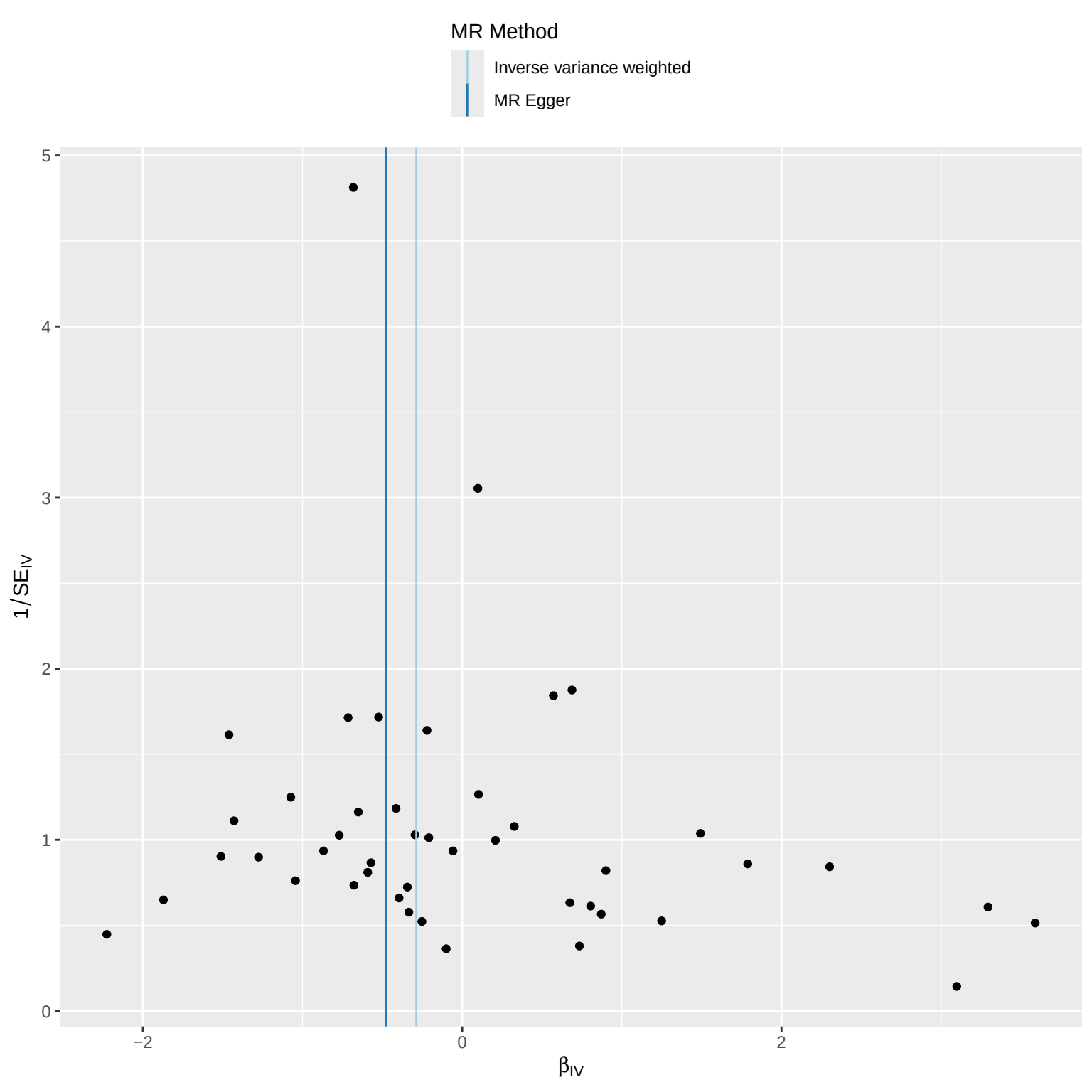

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

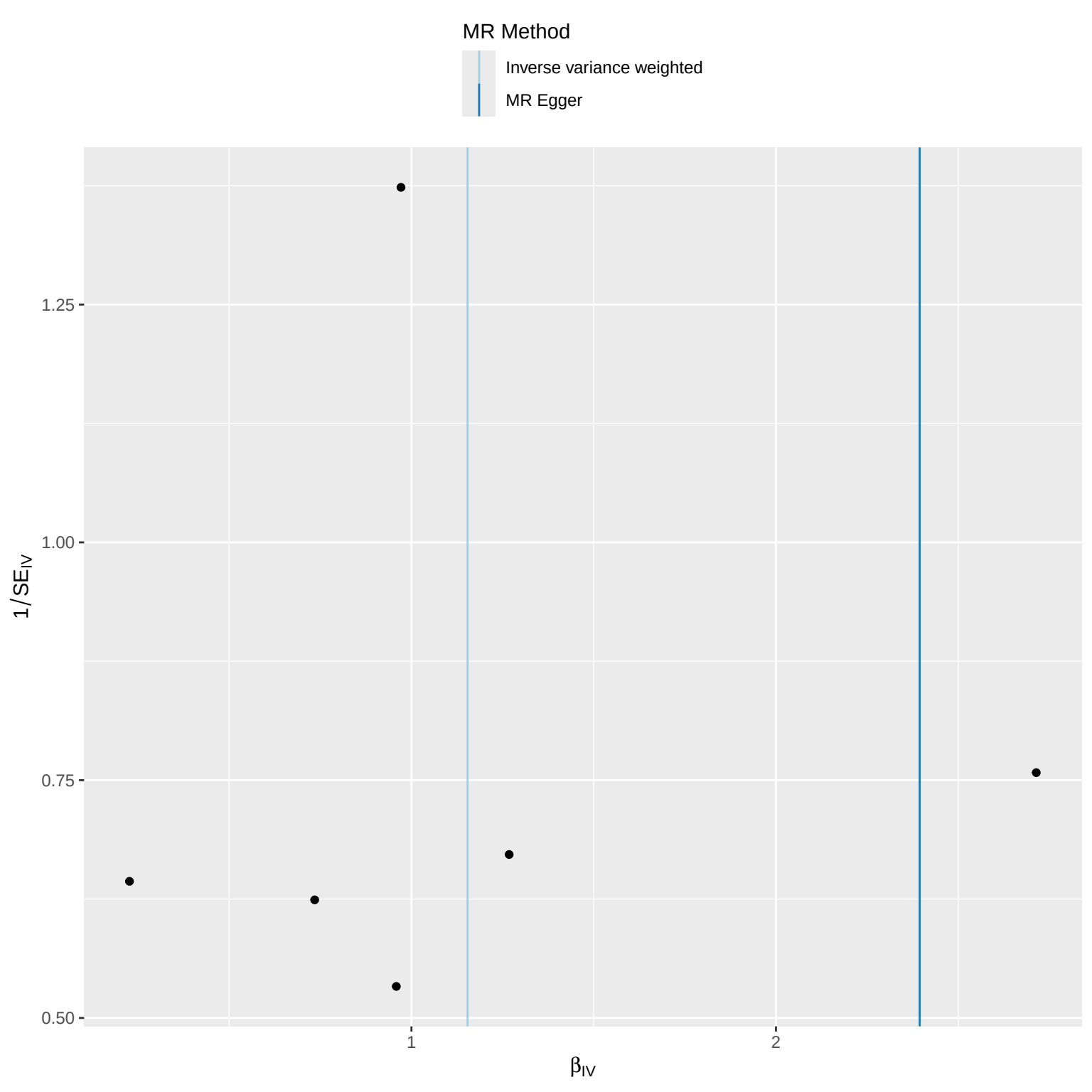

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

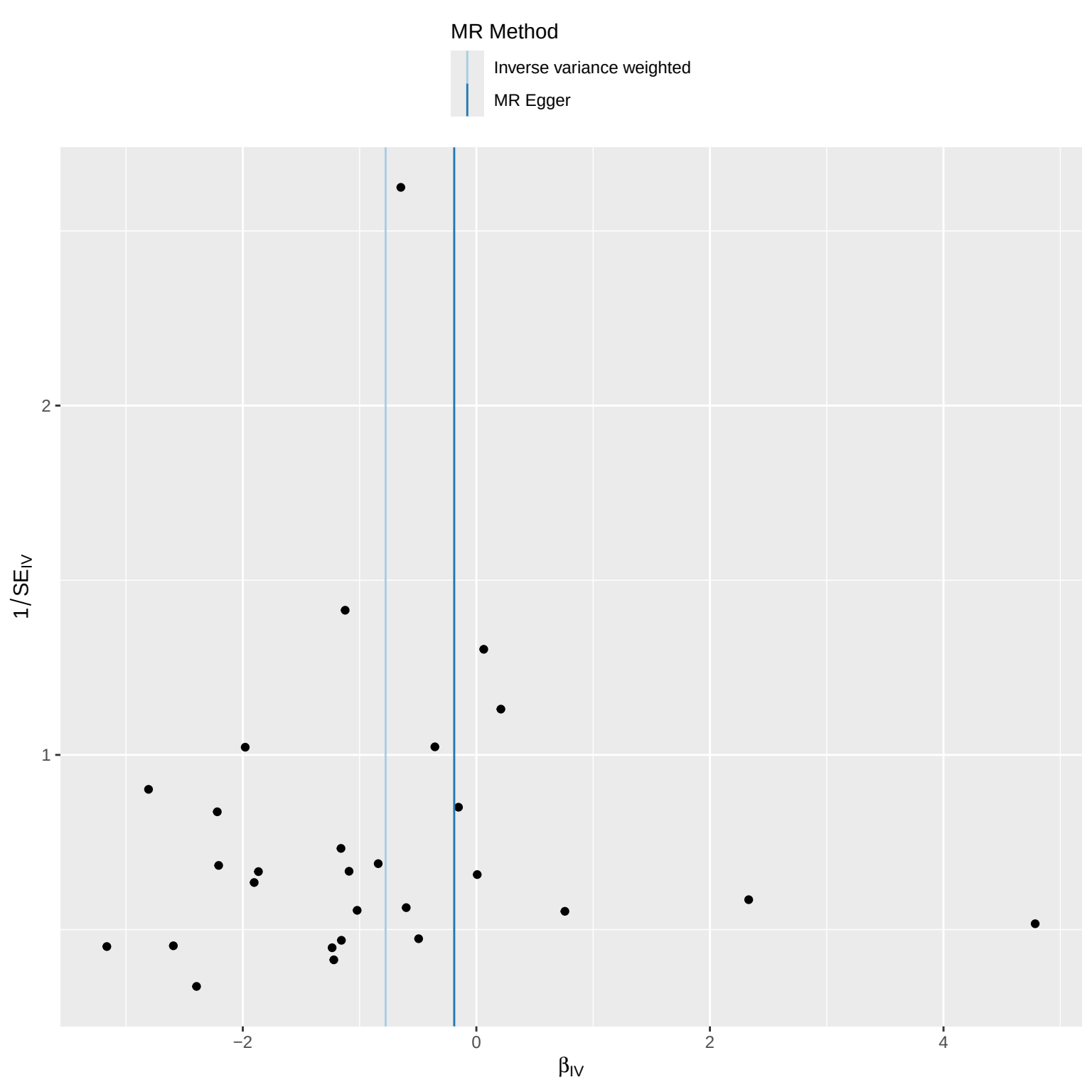

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

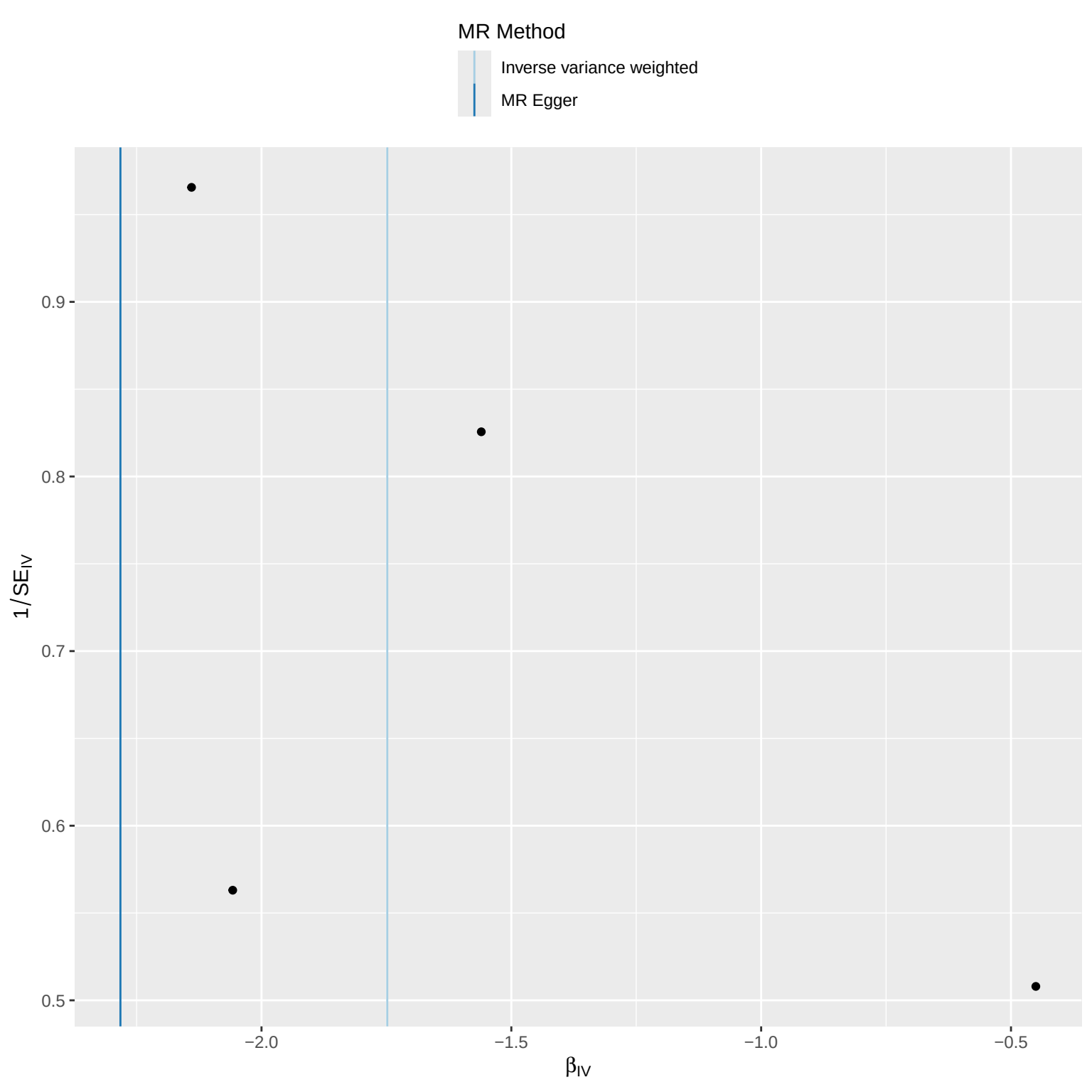

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
β_IV

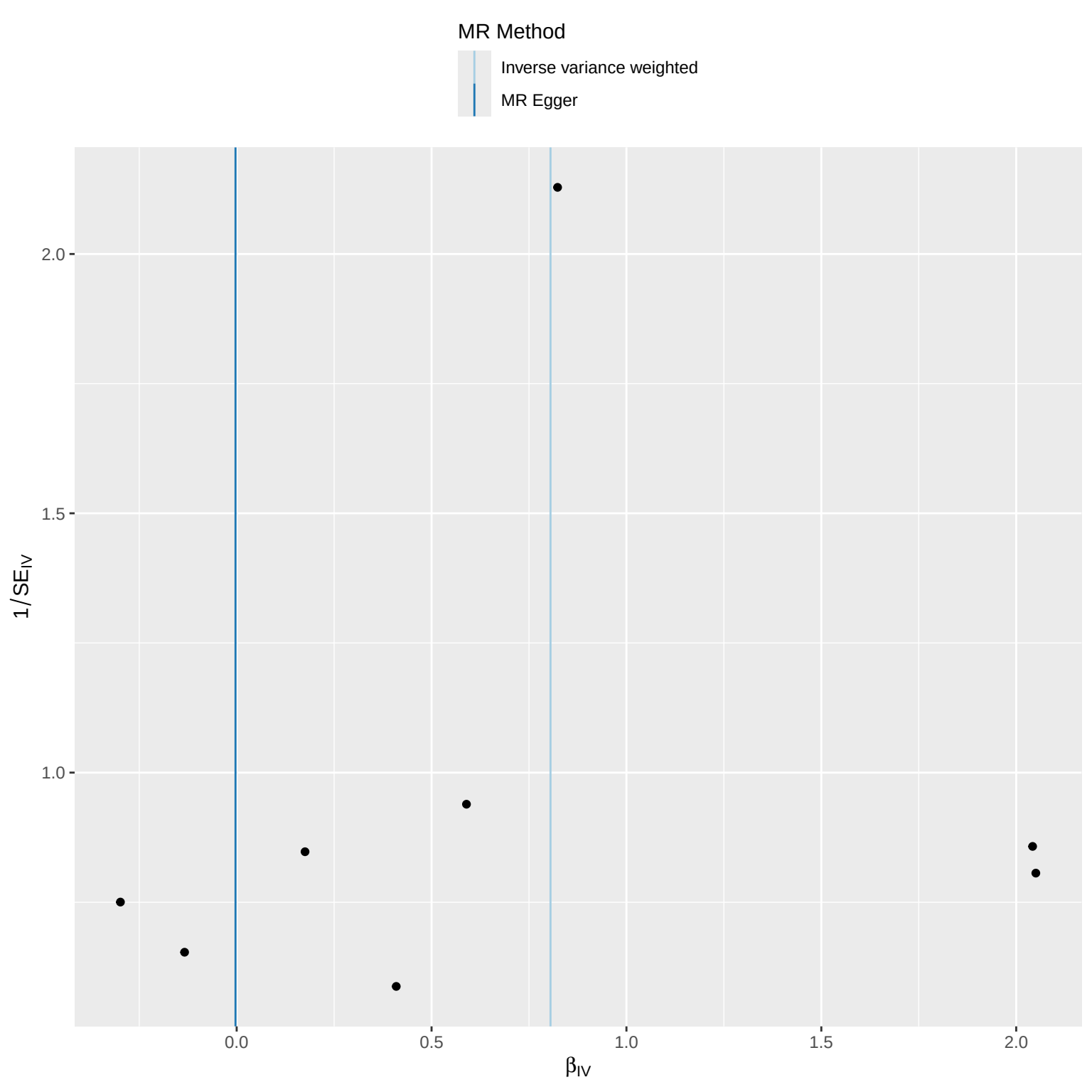

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
1.0
1.5
2.0
β_IV

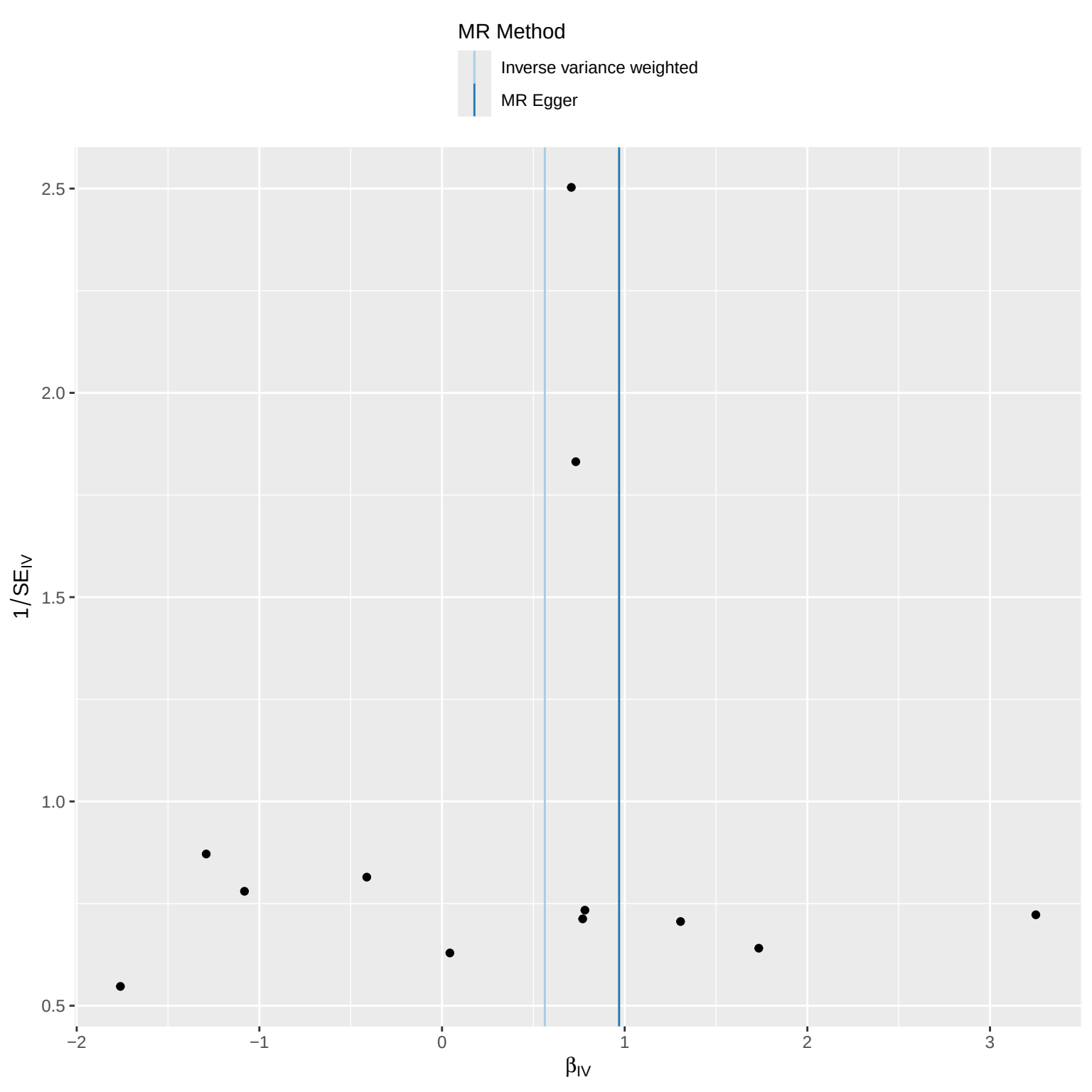

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2
0
2
β_IV

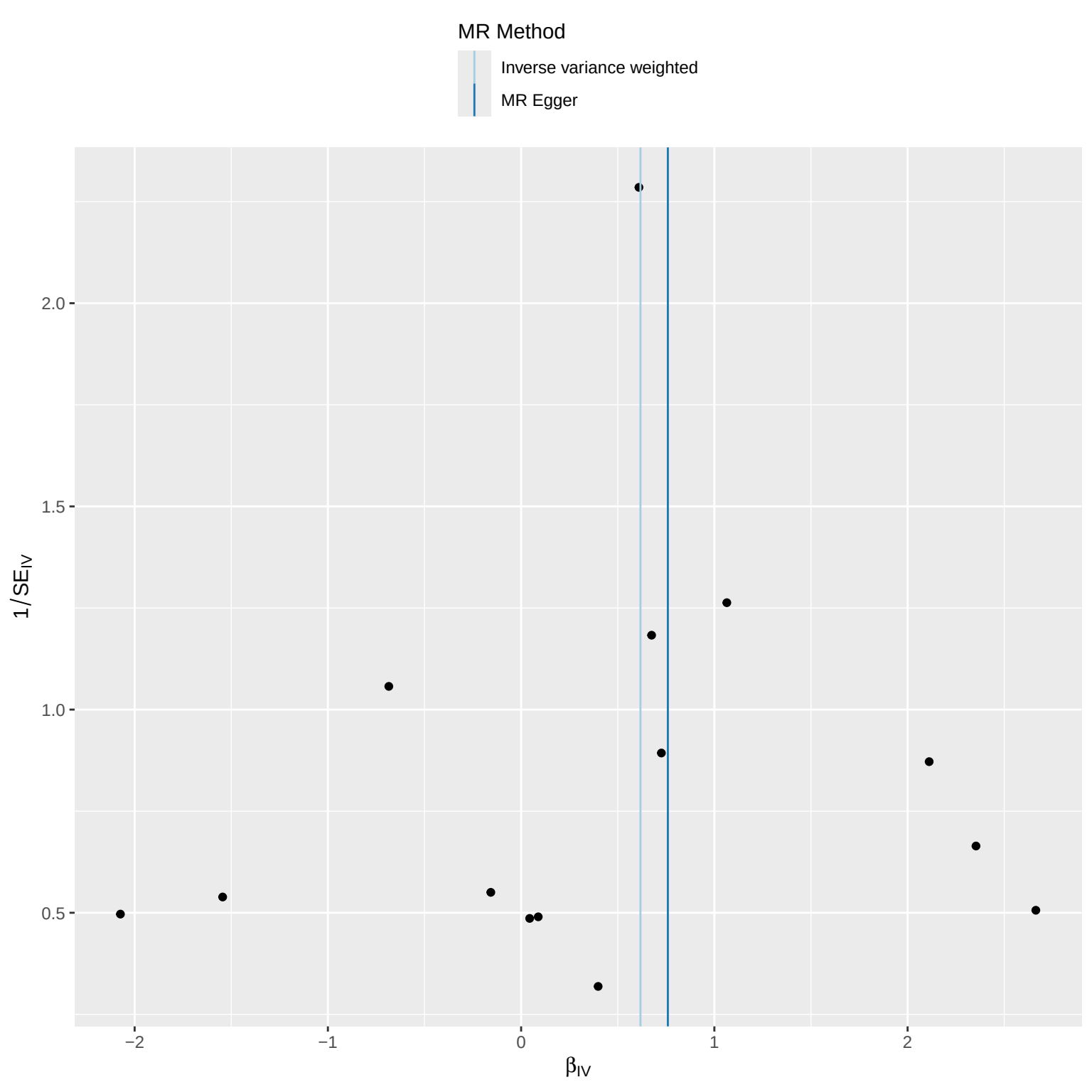

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
1
2
β_IV

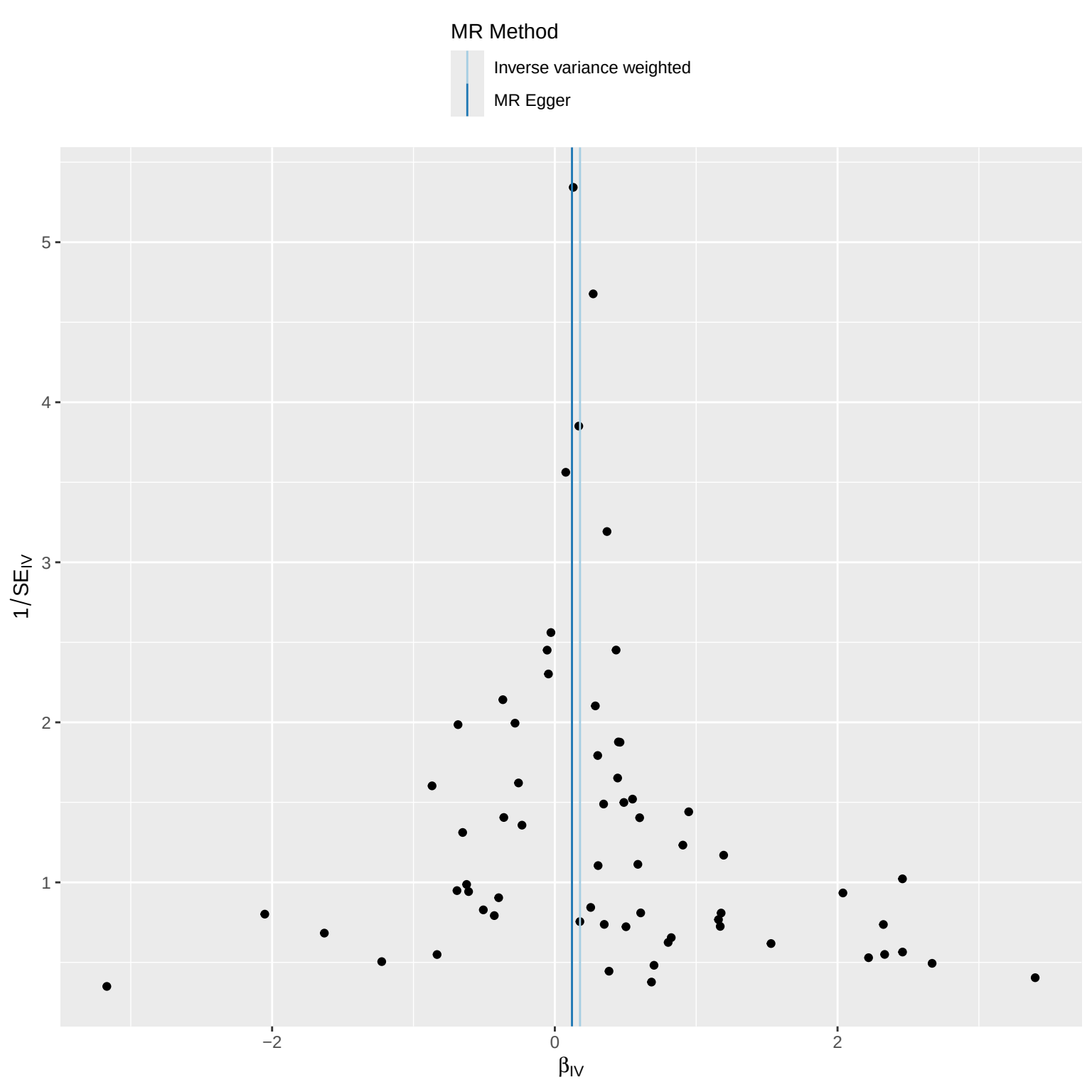

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

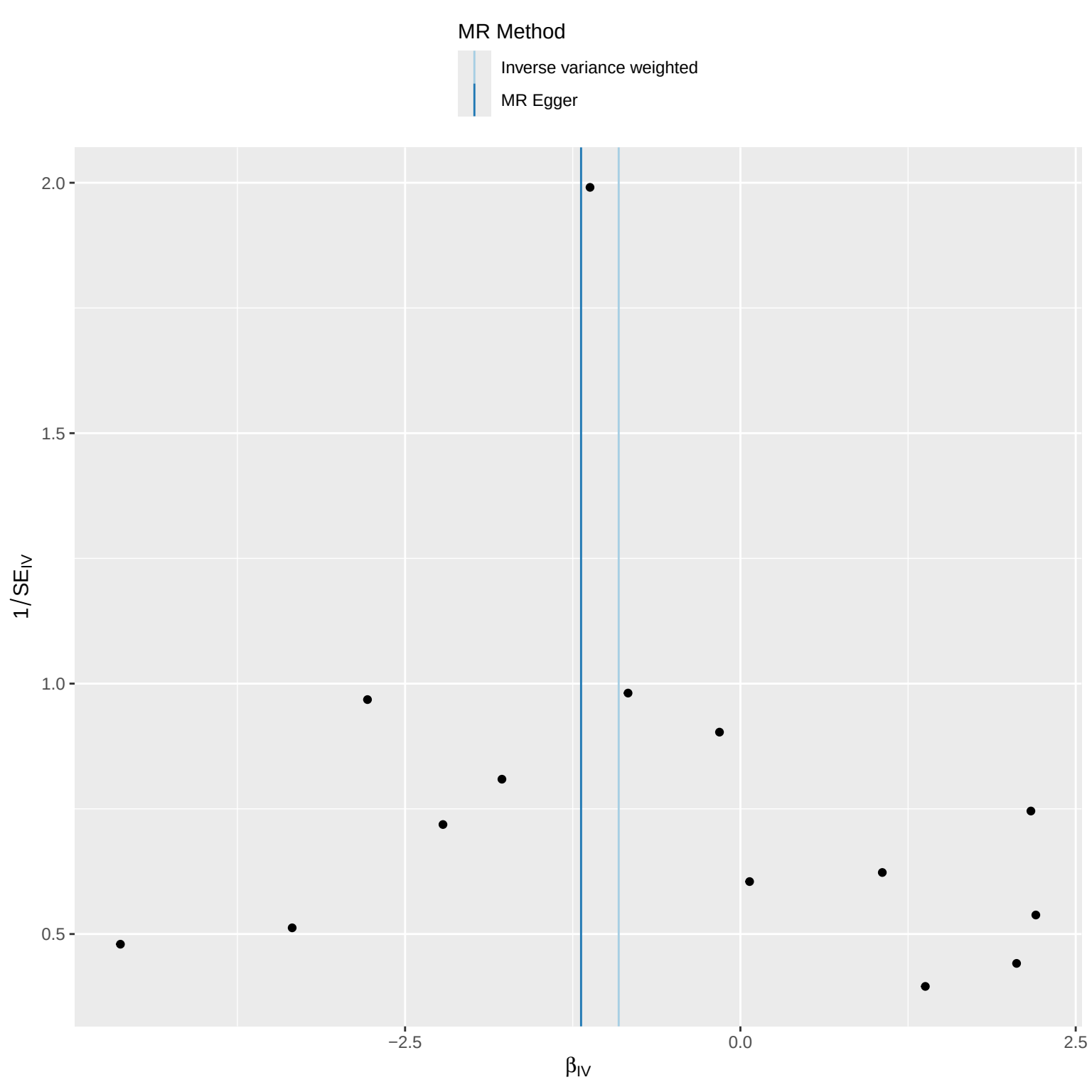

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

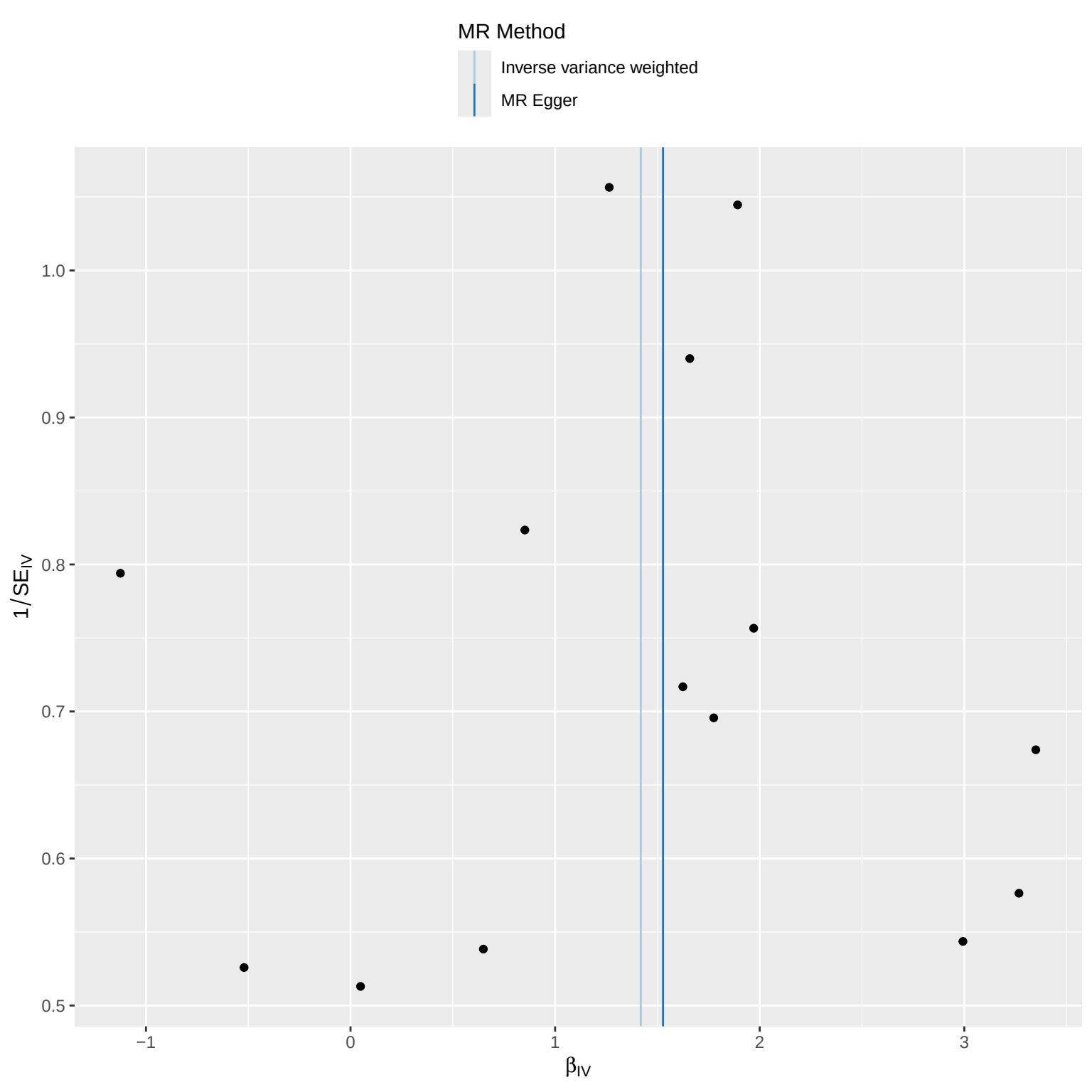

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

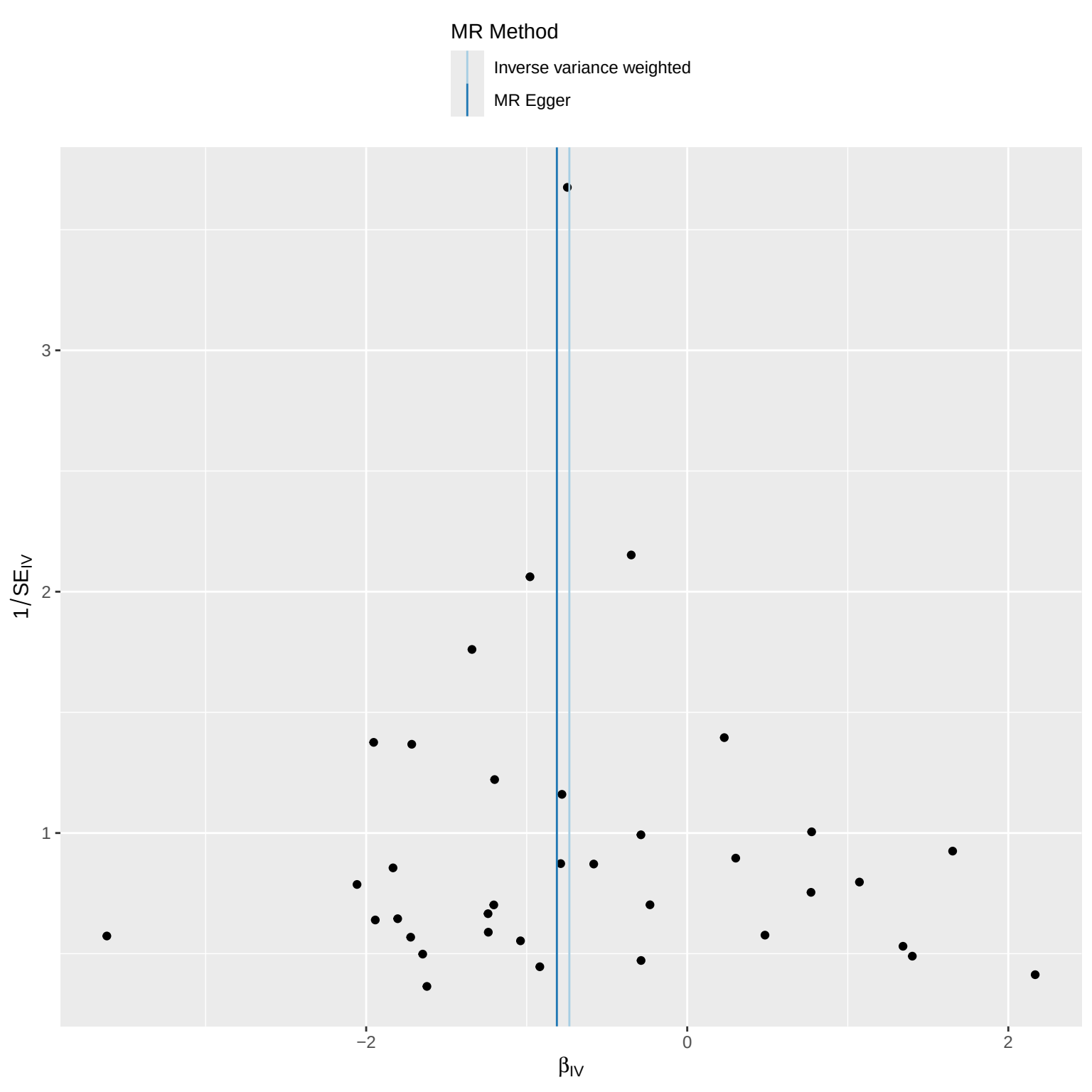

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

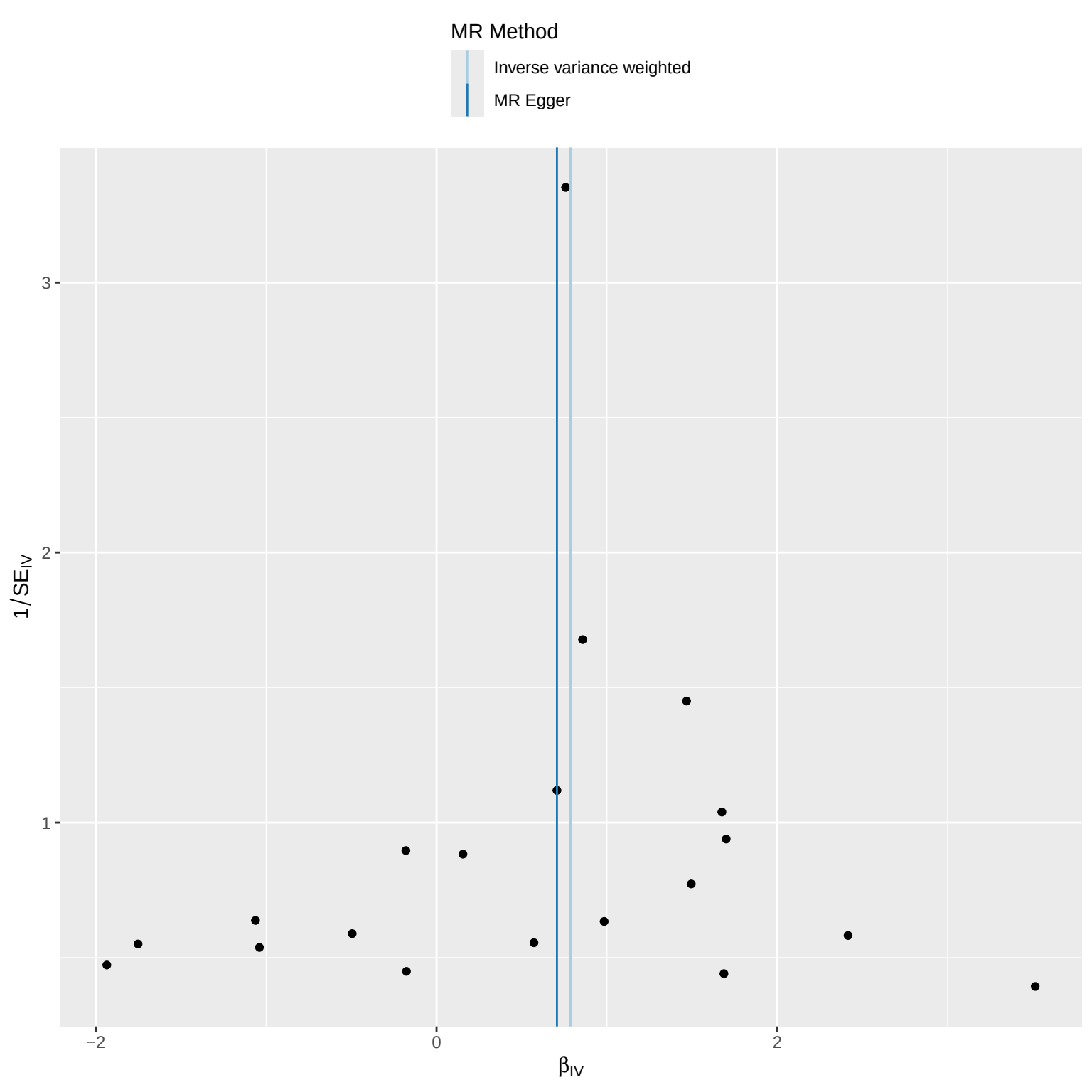

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

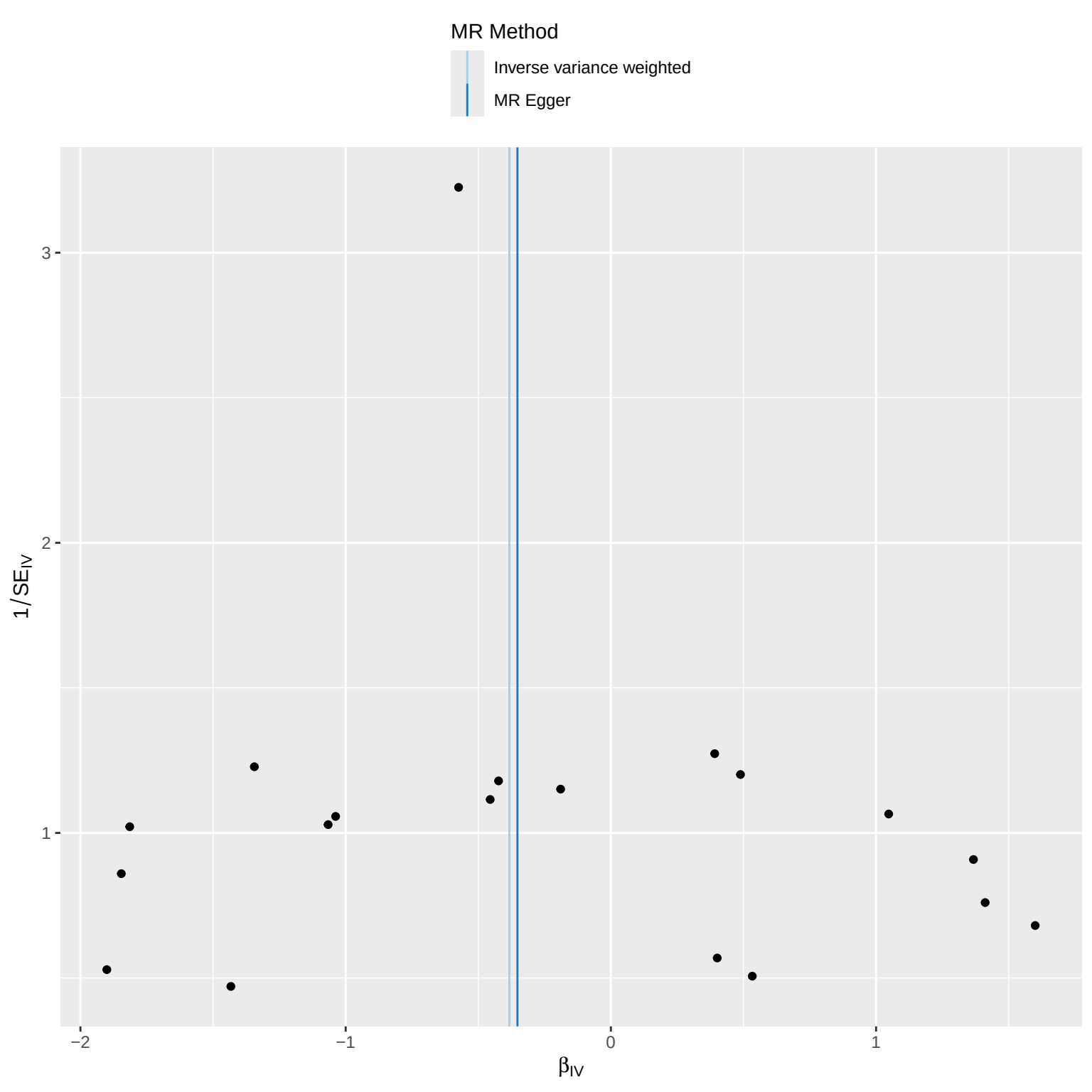

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

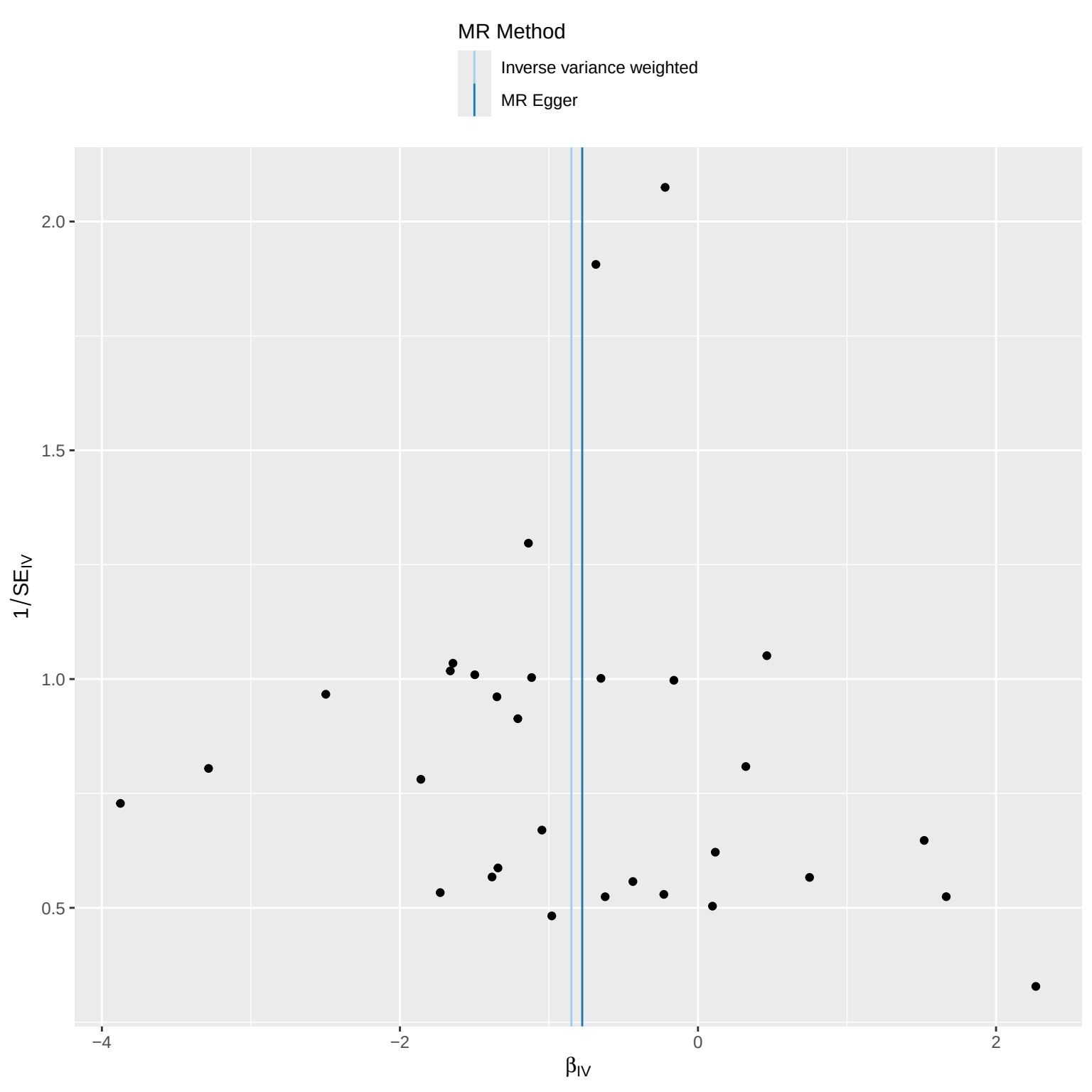

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
0.0
2.5
β_IV

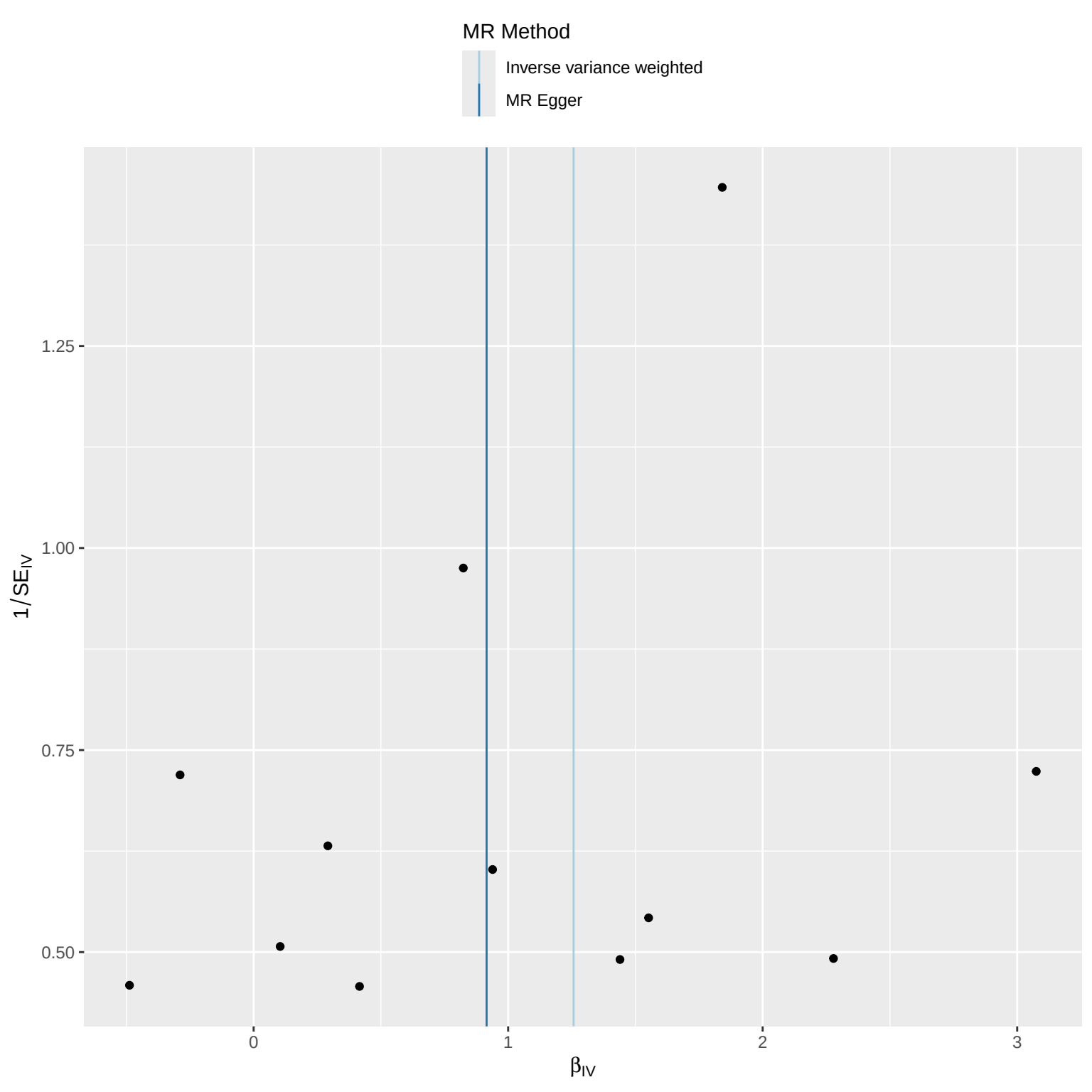

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−1
0
1
2
3
β_IV

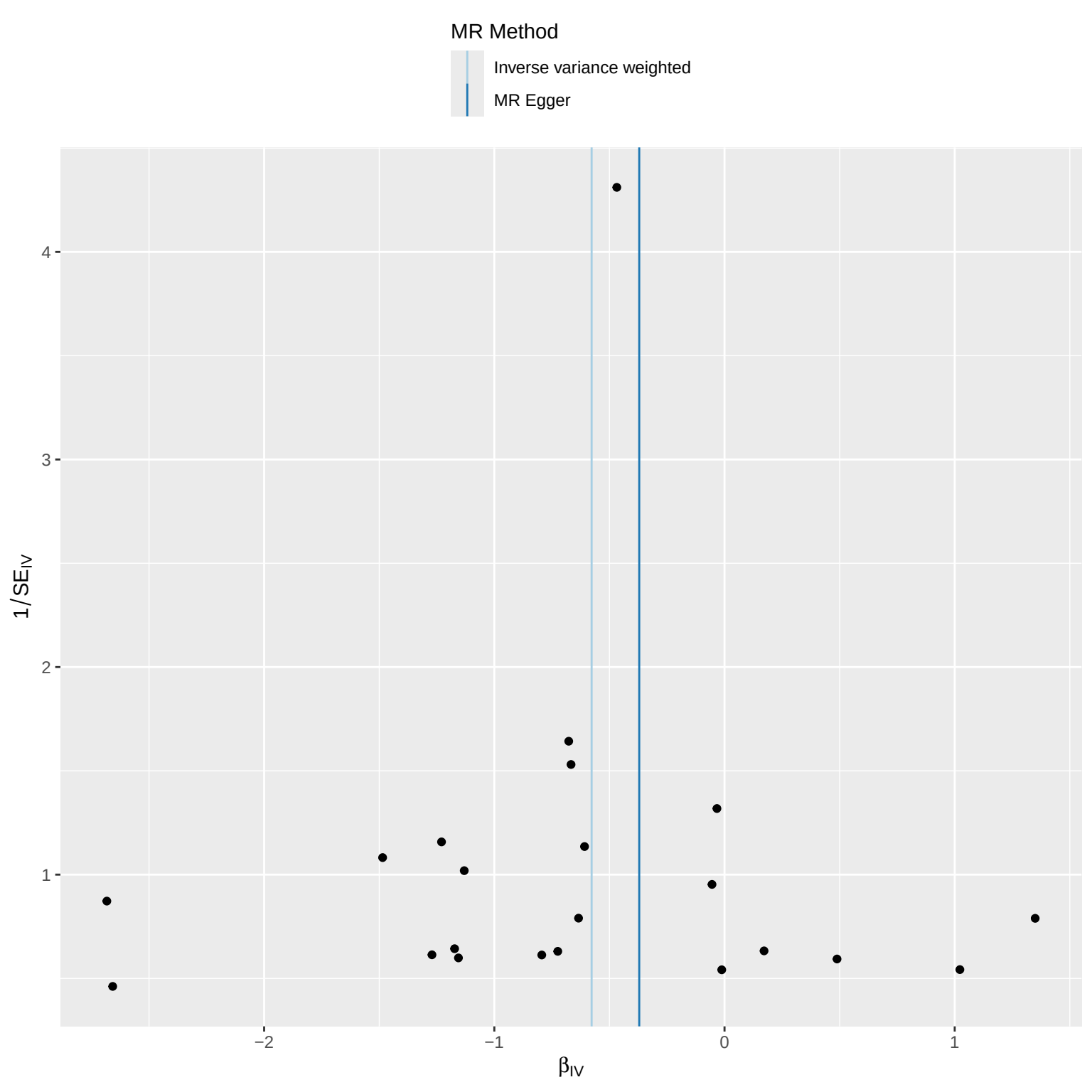

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

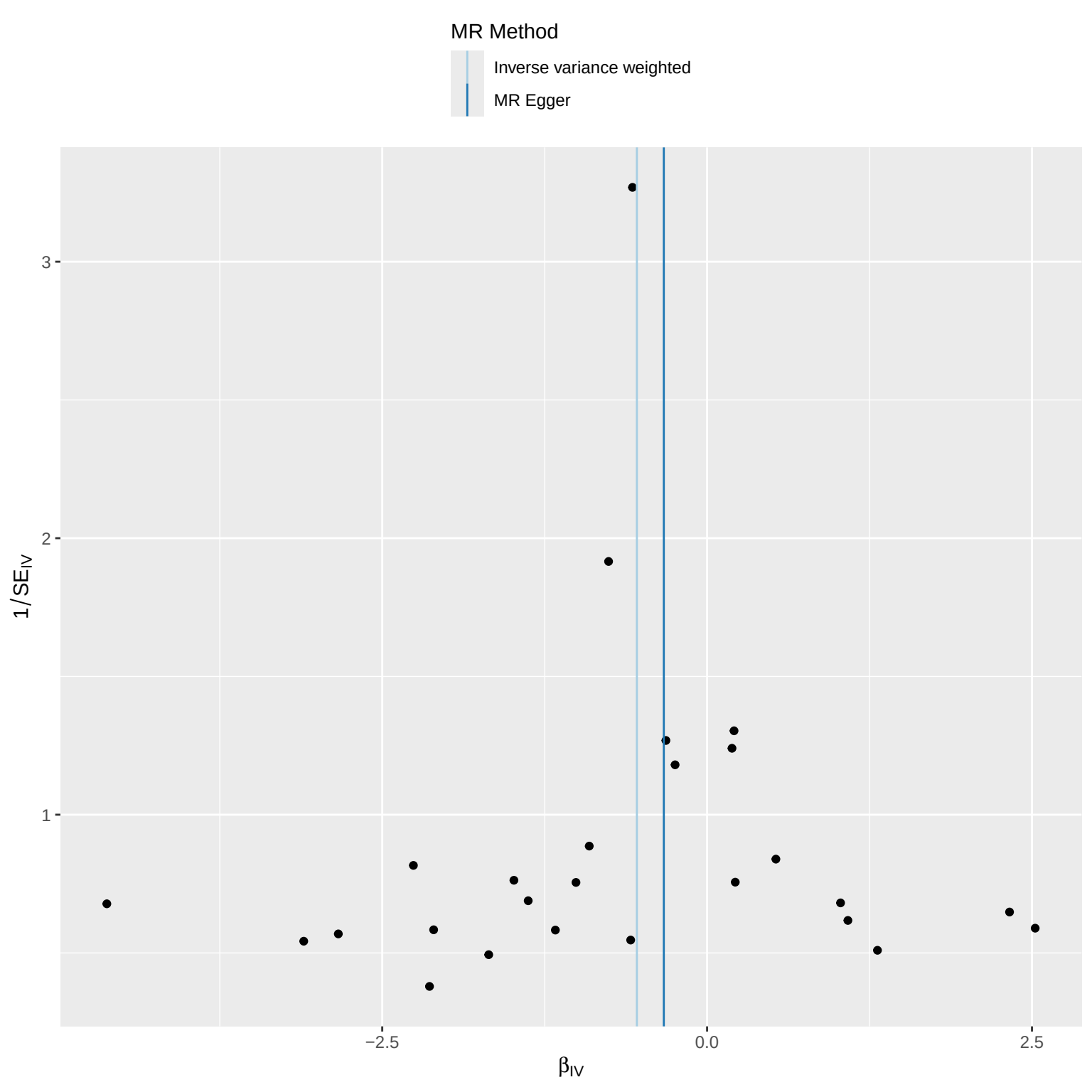

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

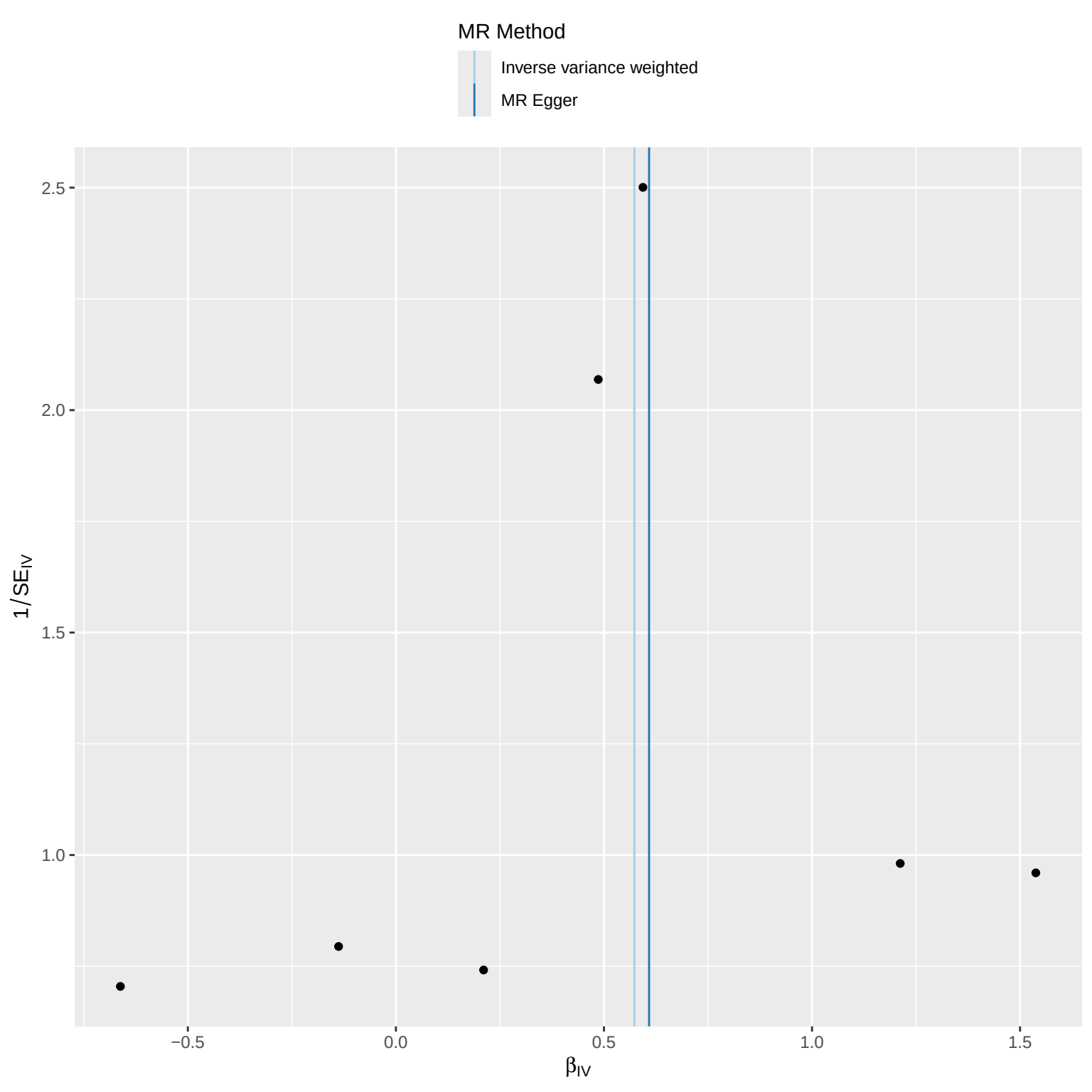

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

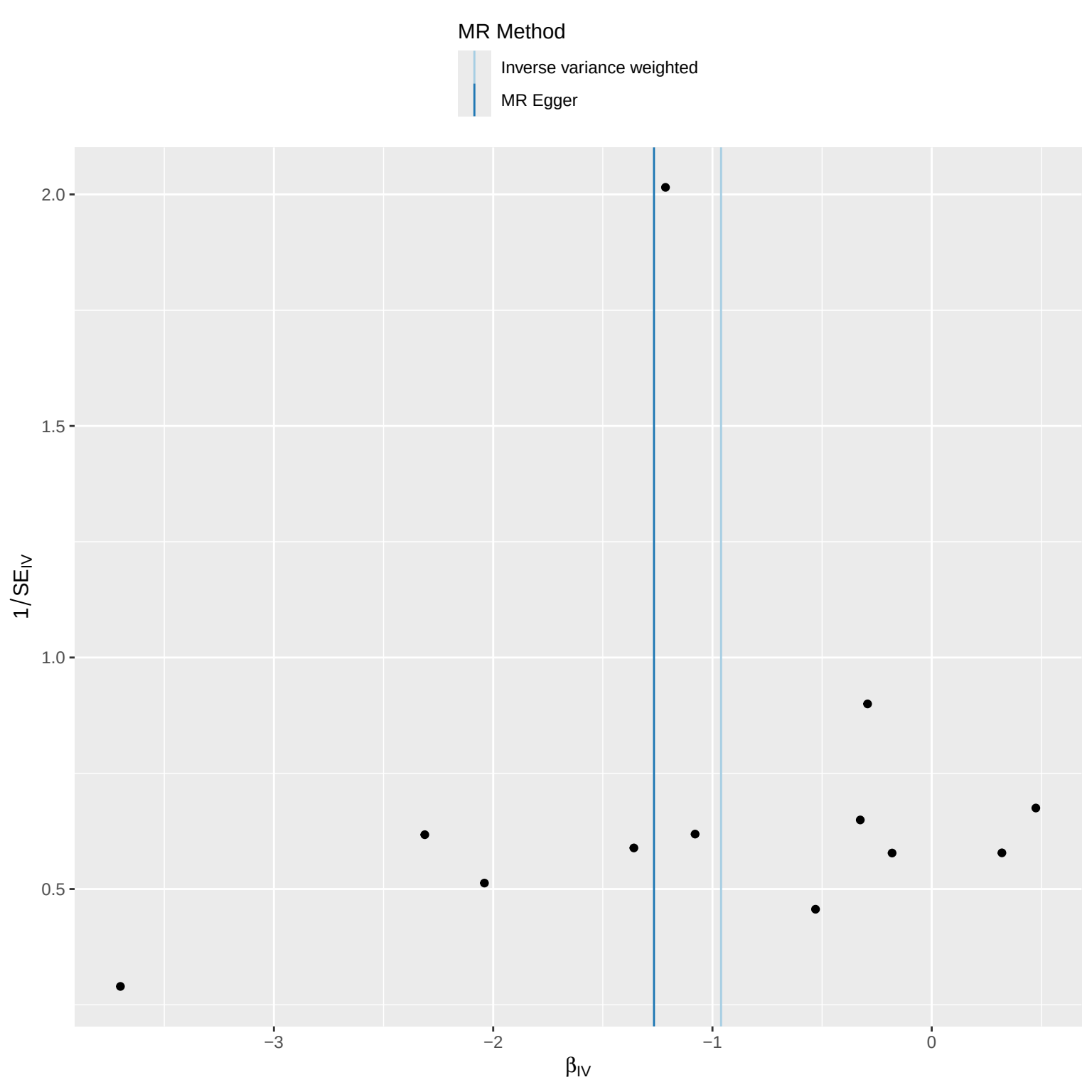

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

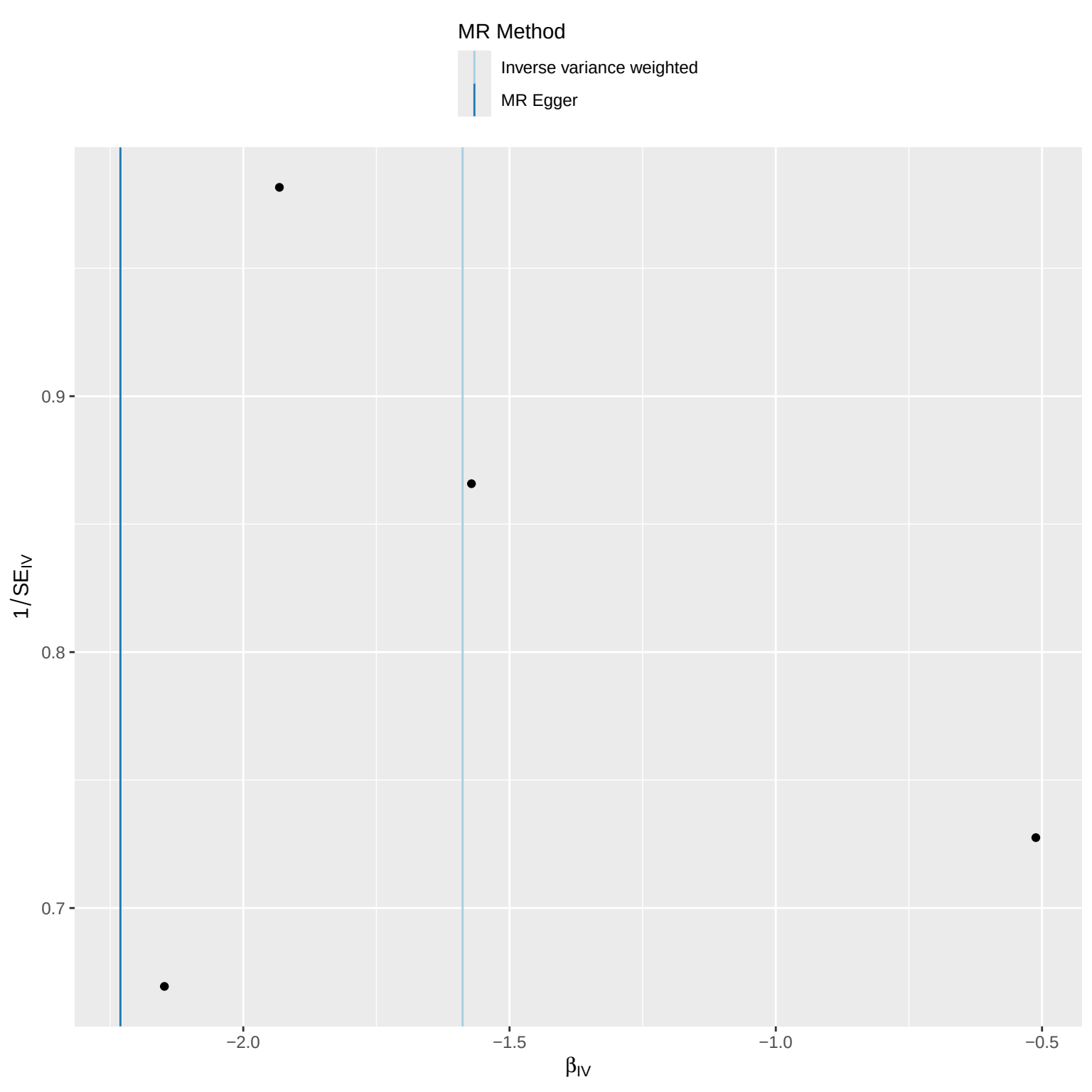

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
β_IV

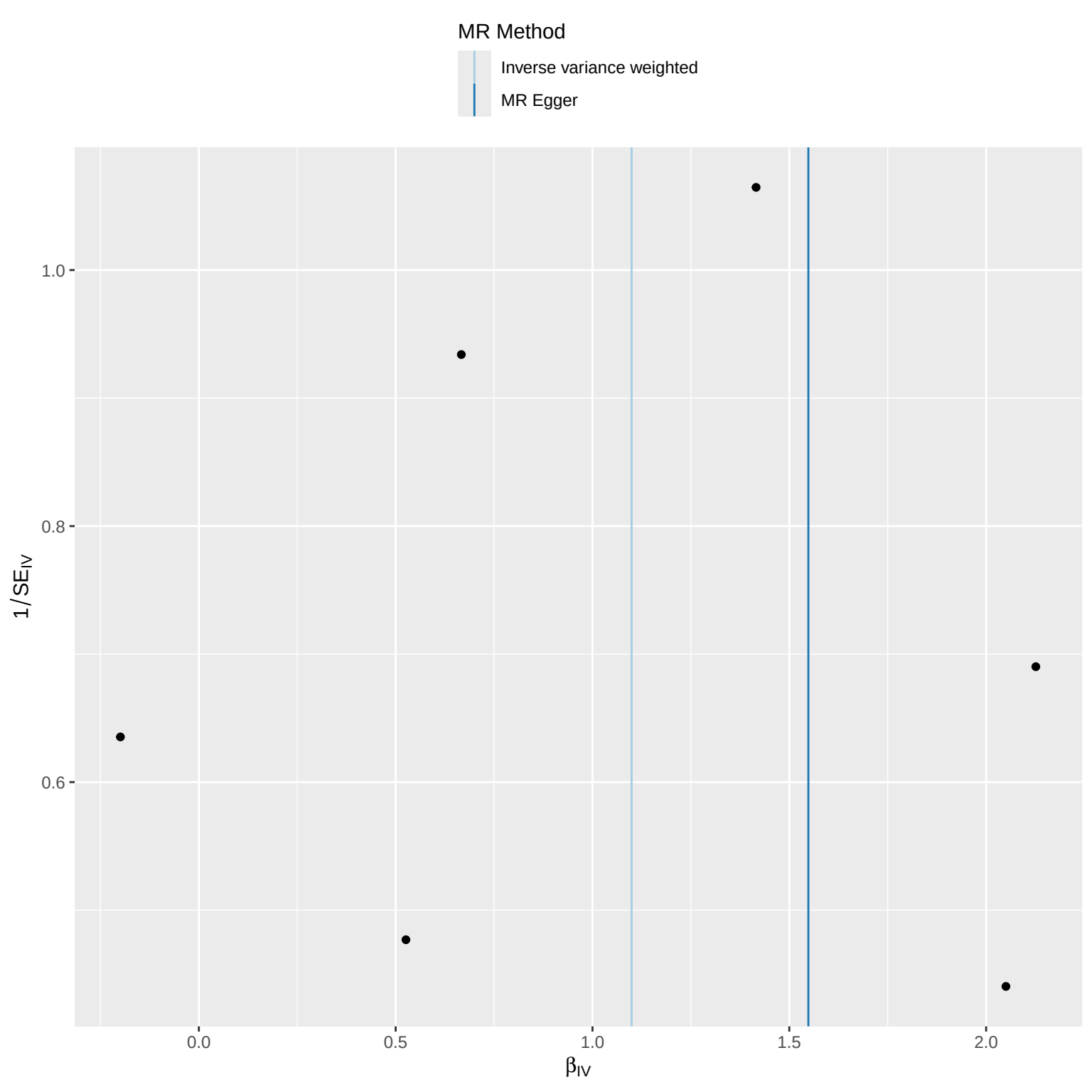

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

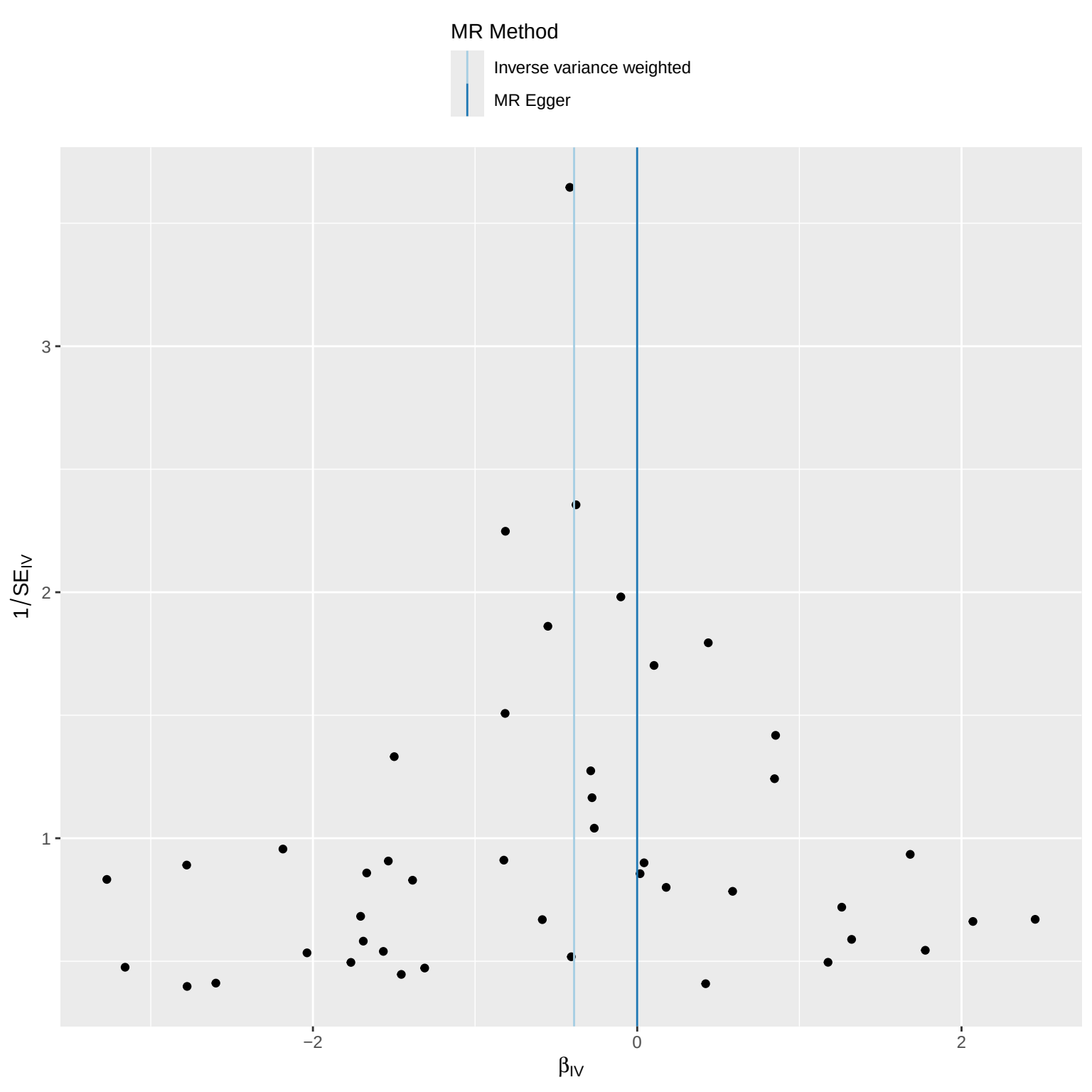

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2.5
0.0
2.5
β_{IV}

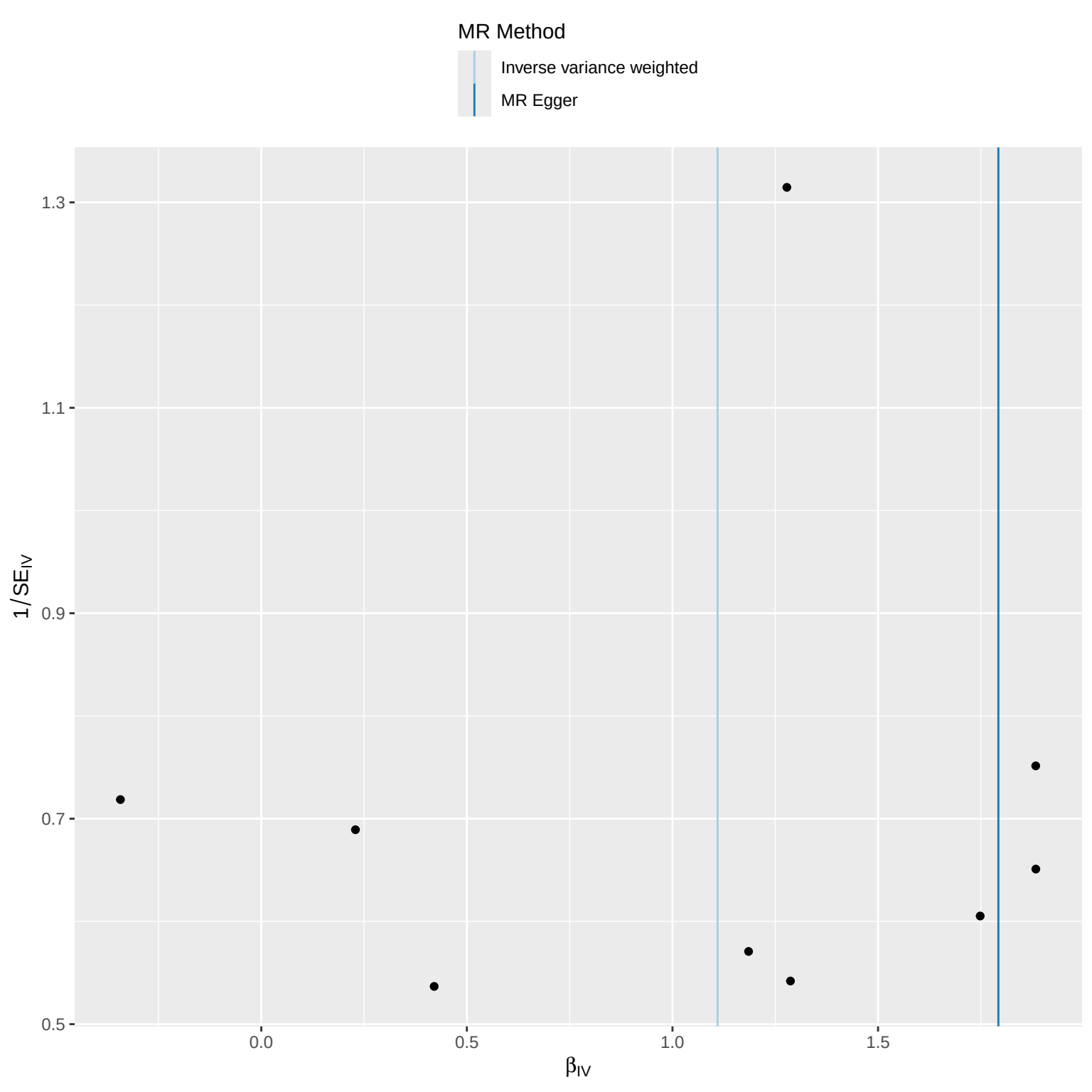

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

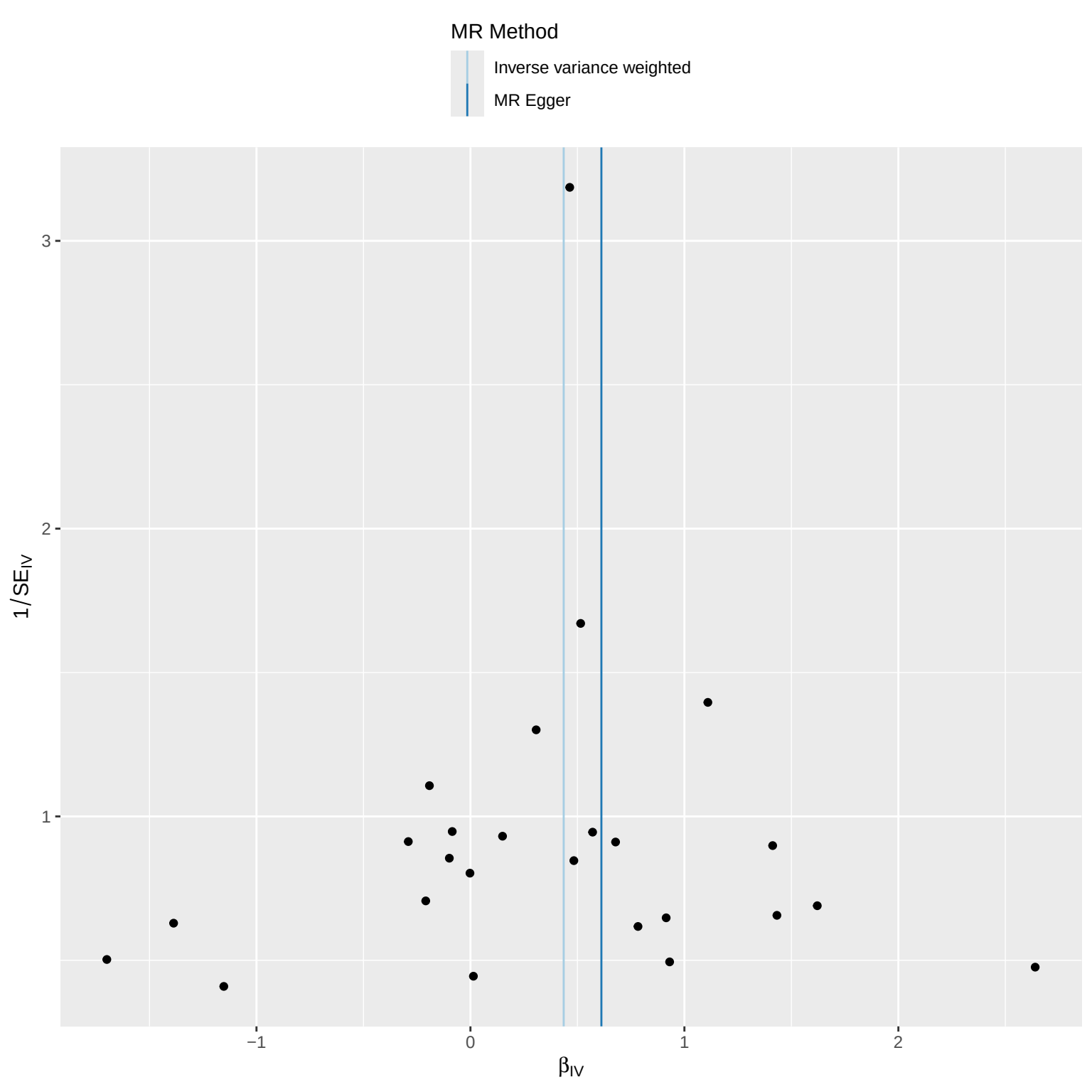

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

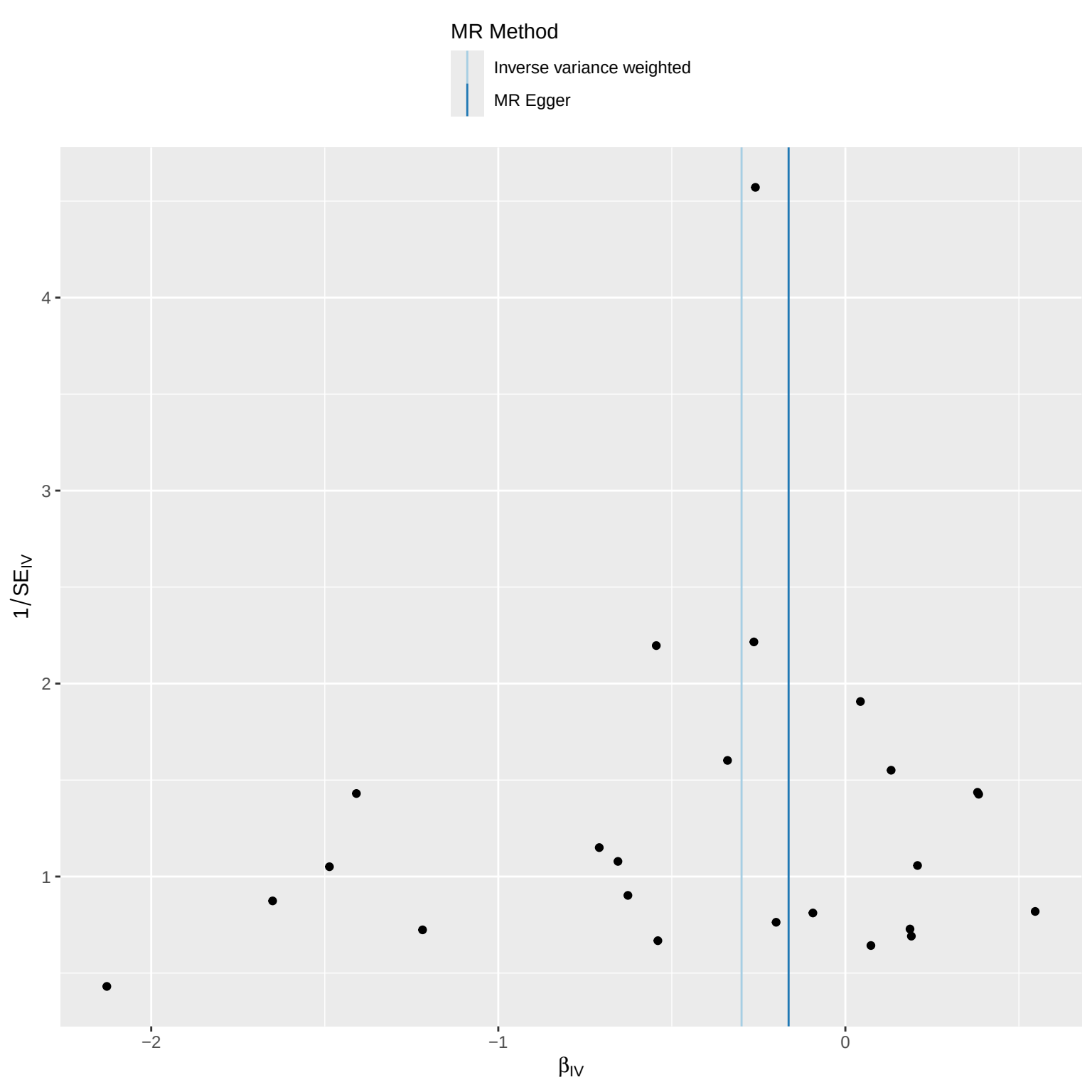

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

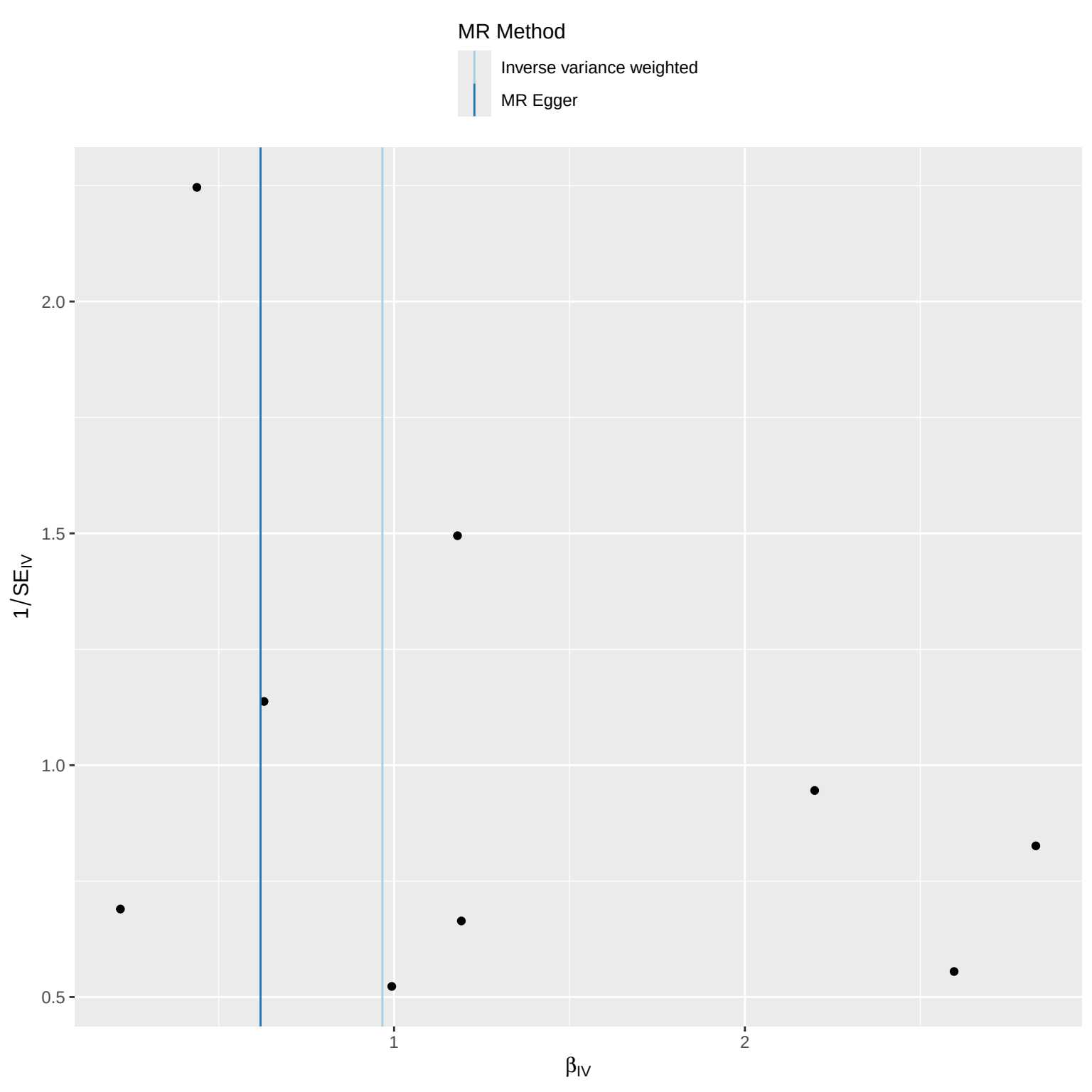

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

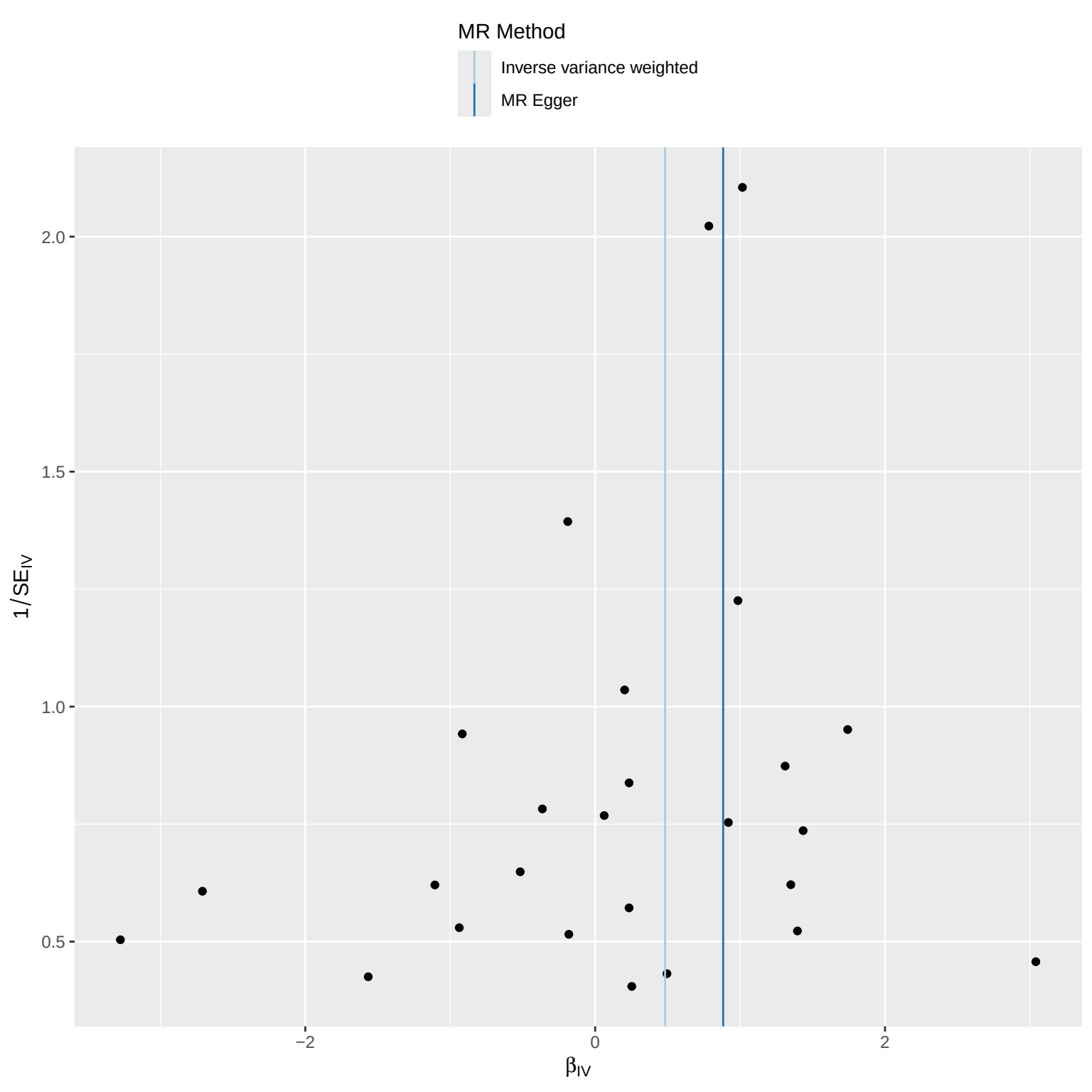

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

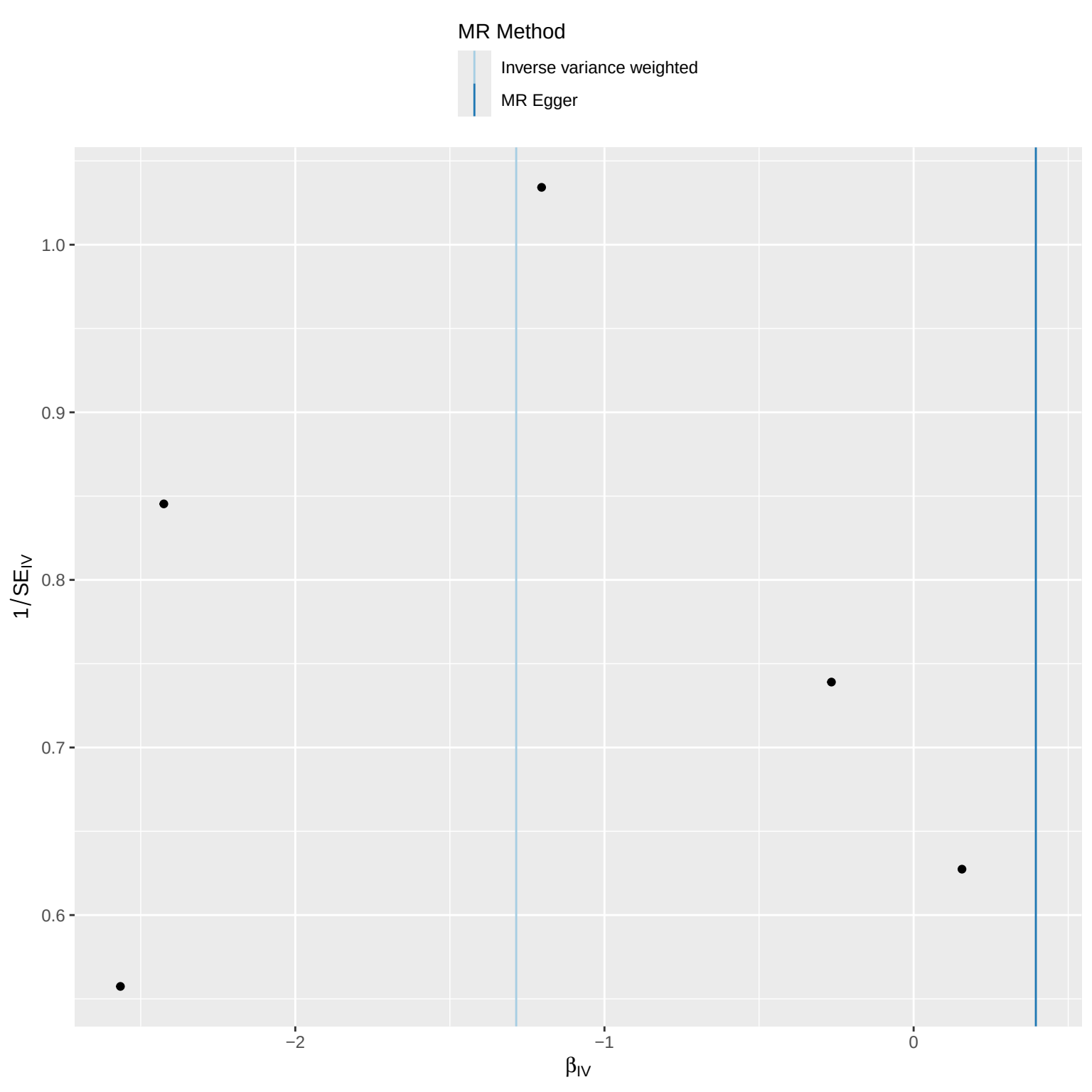

MR Method
Inverse variance weighted
MR Egger
1.3
1.1
0.9
0.7
0.5
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

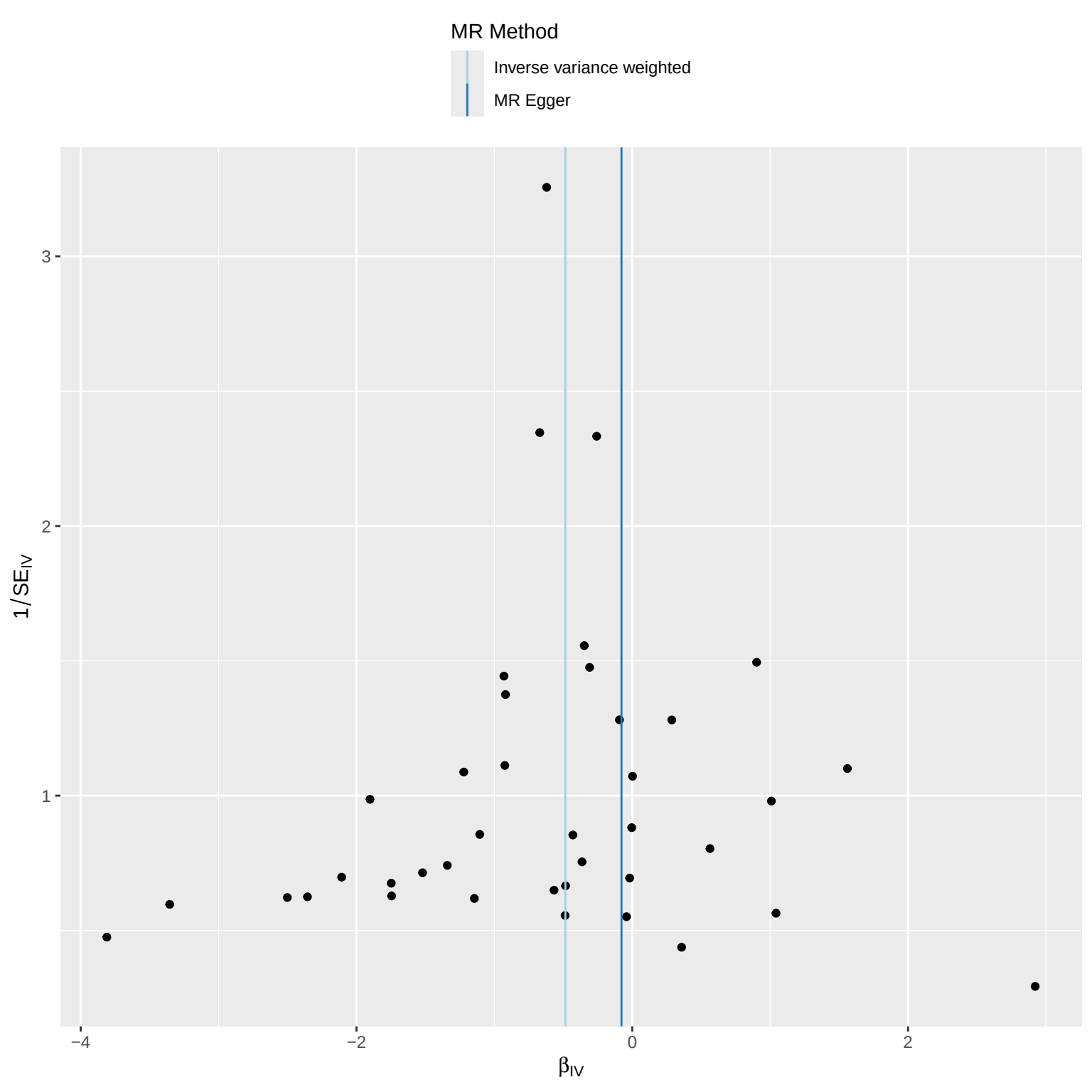

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

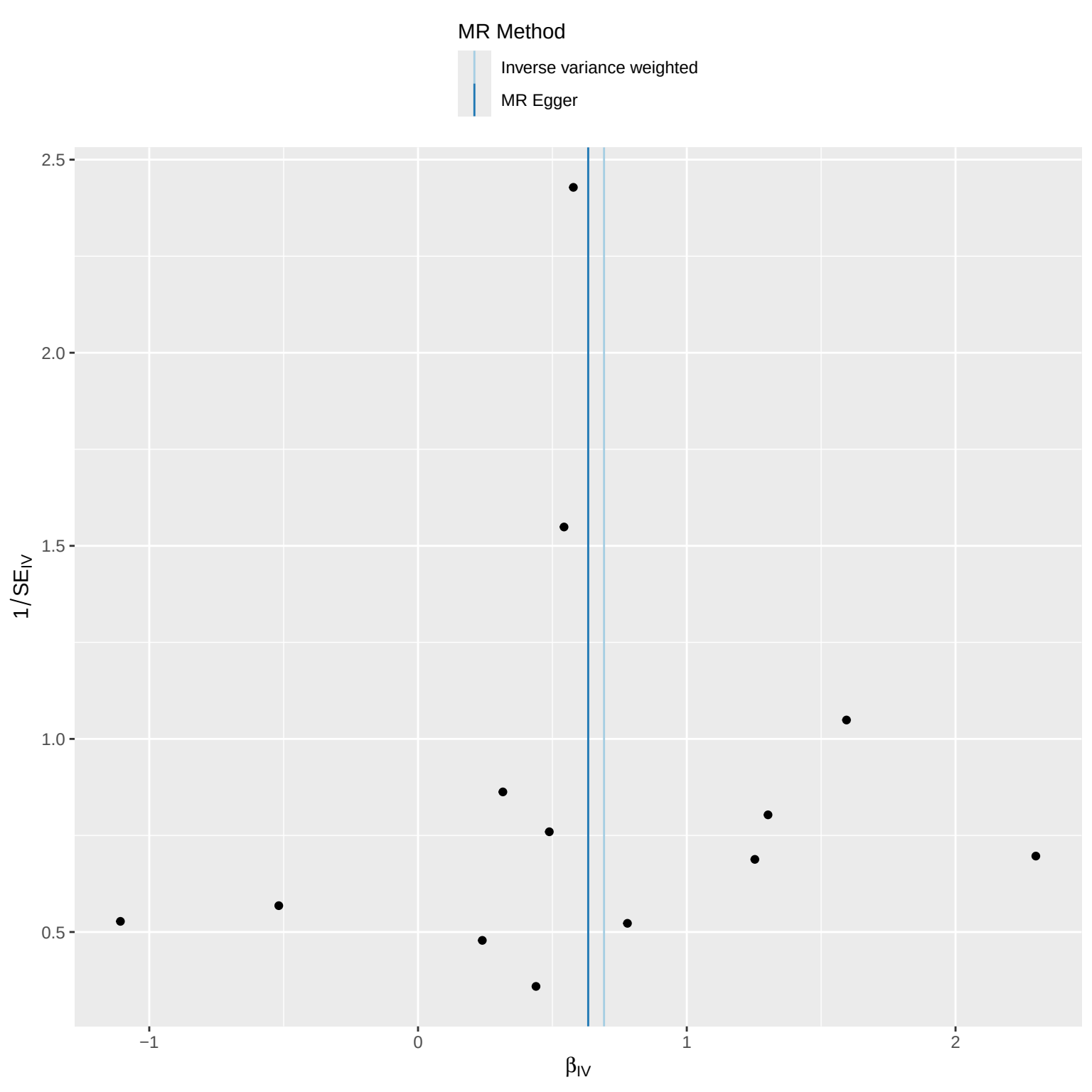

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

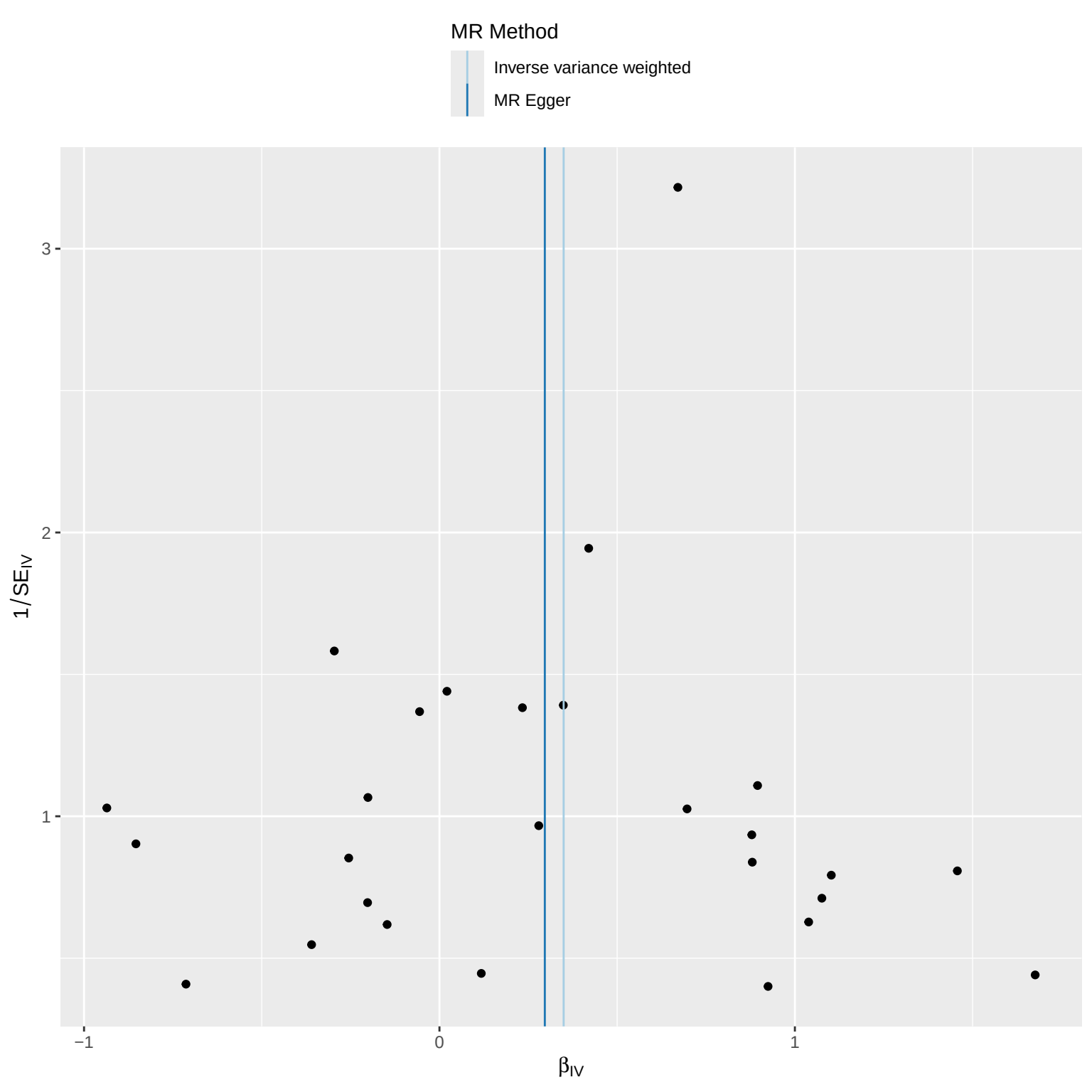

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
1
2
β_IV

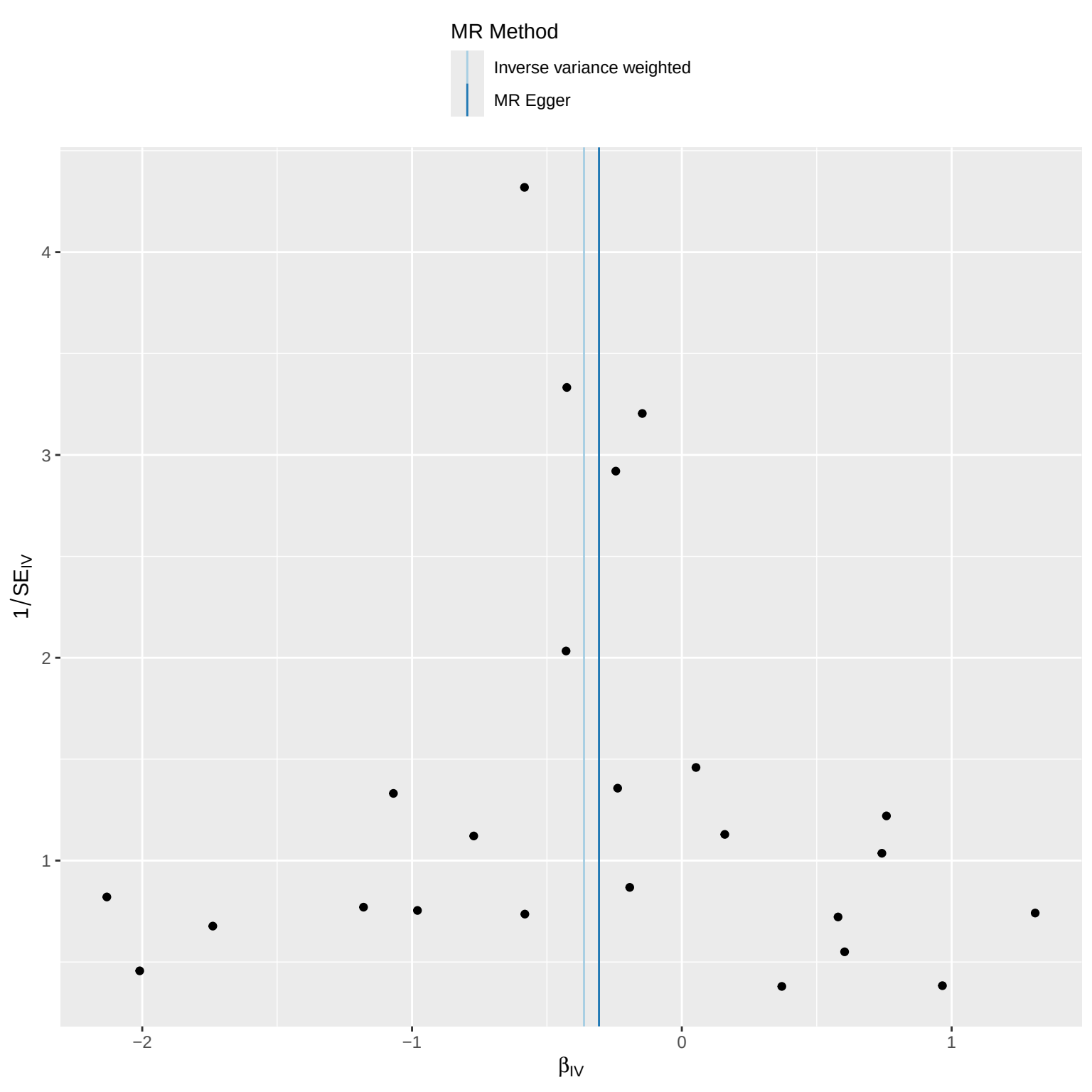

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

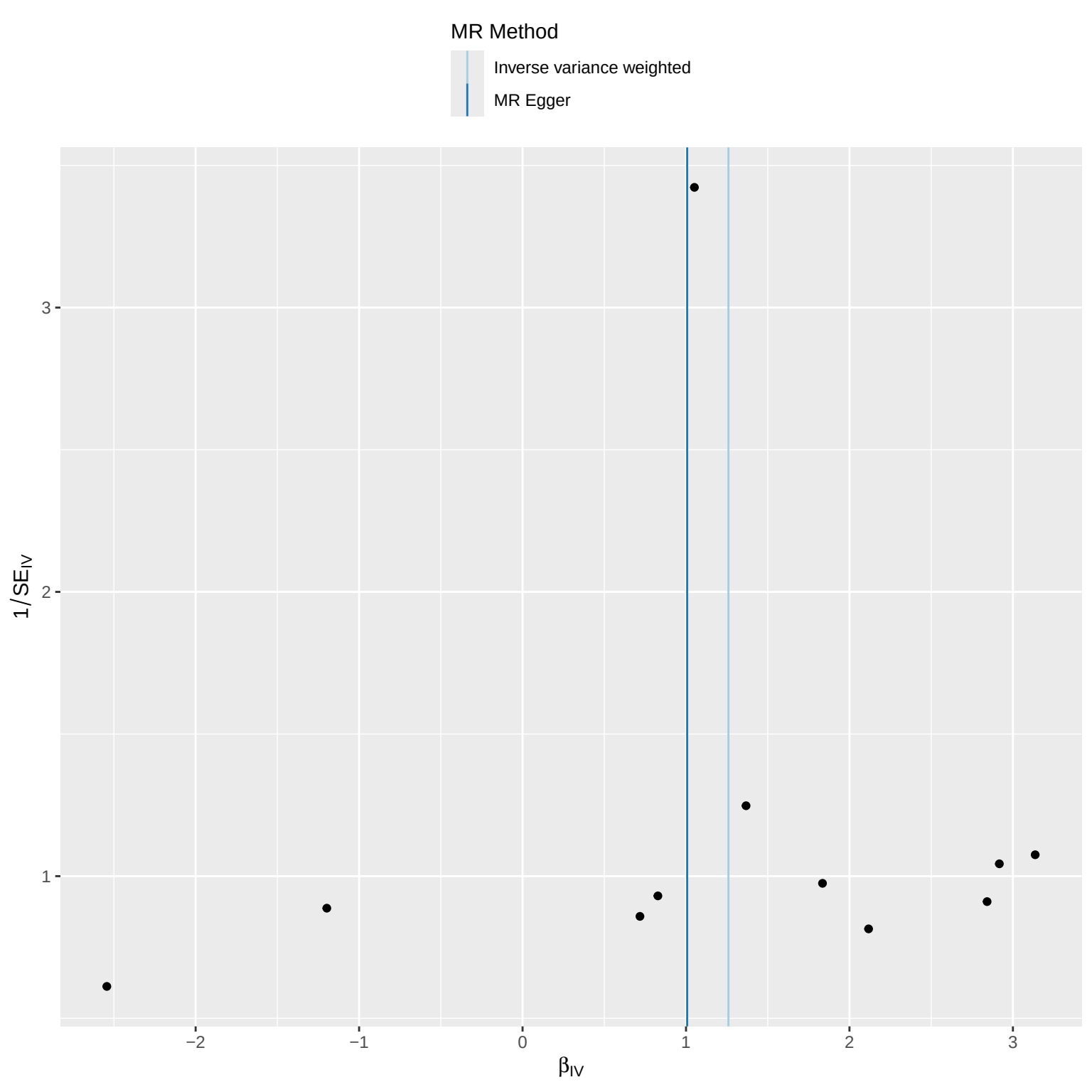

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
1/SE_IV
−2
−1
0
β_IV

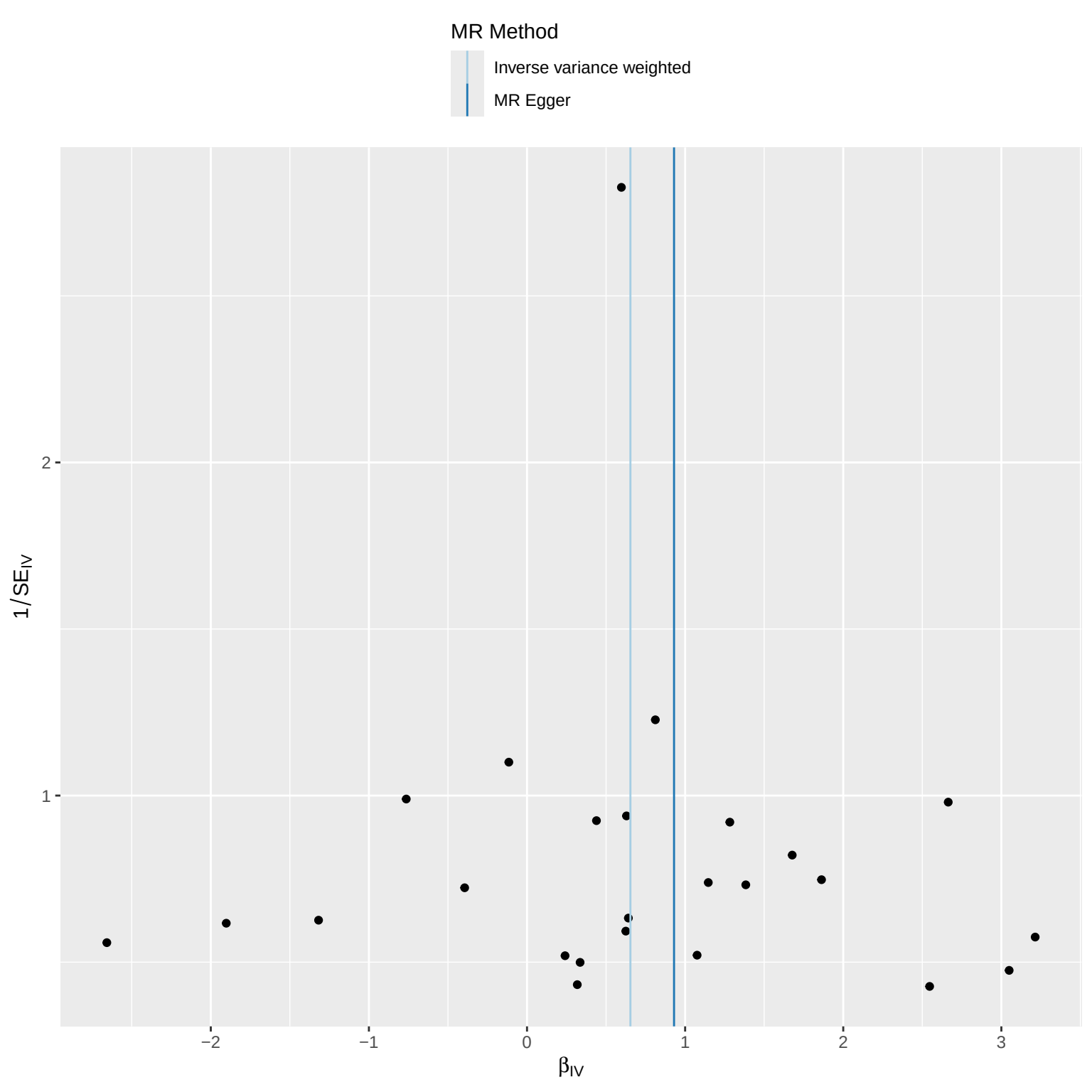

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

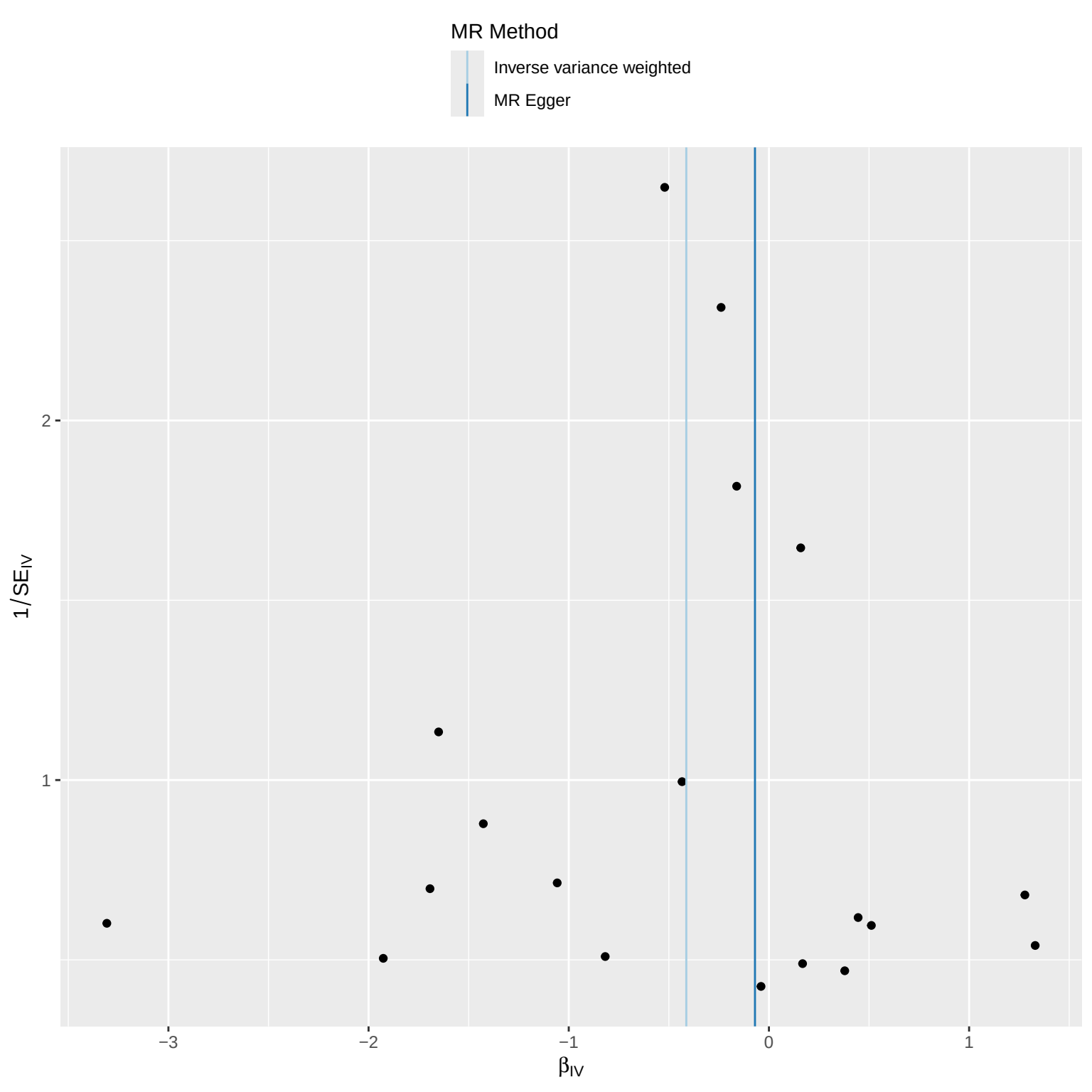

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

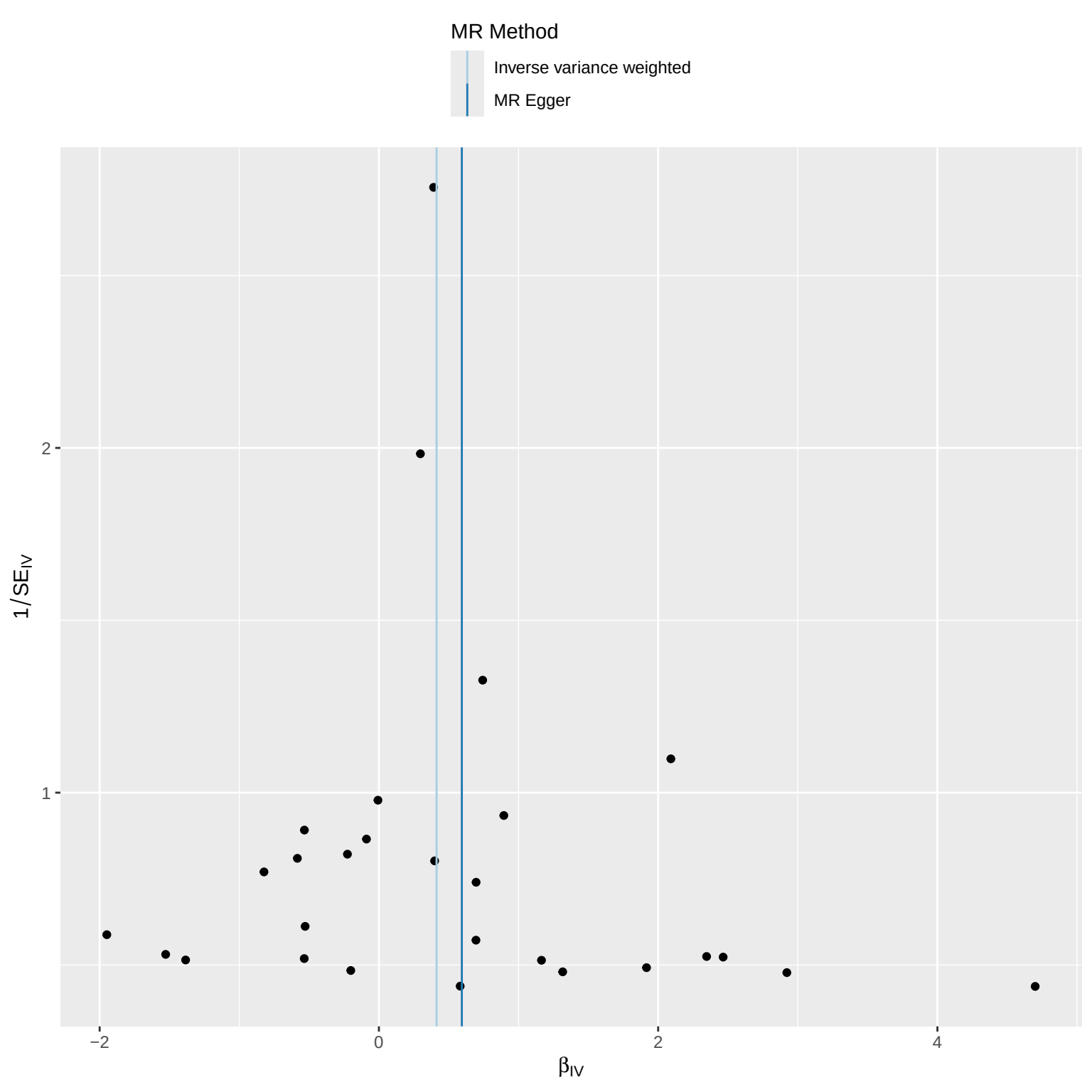

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

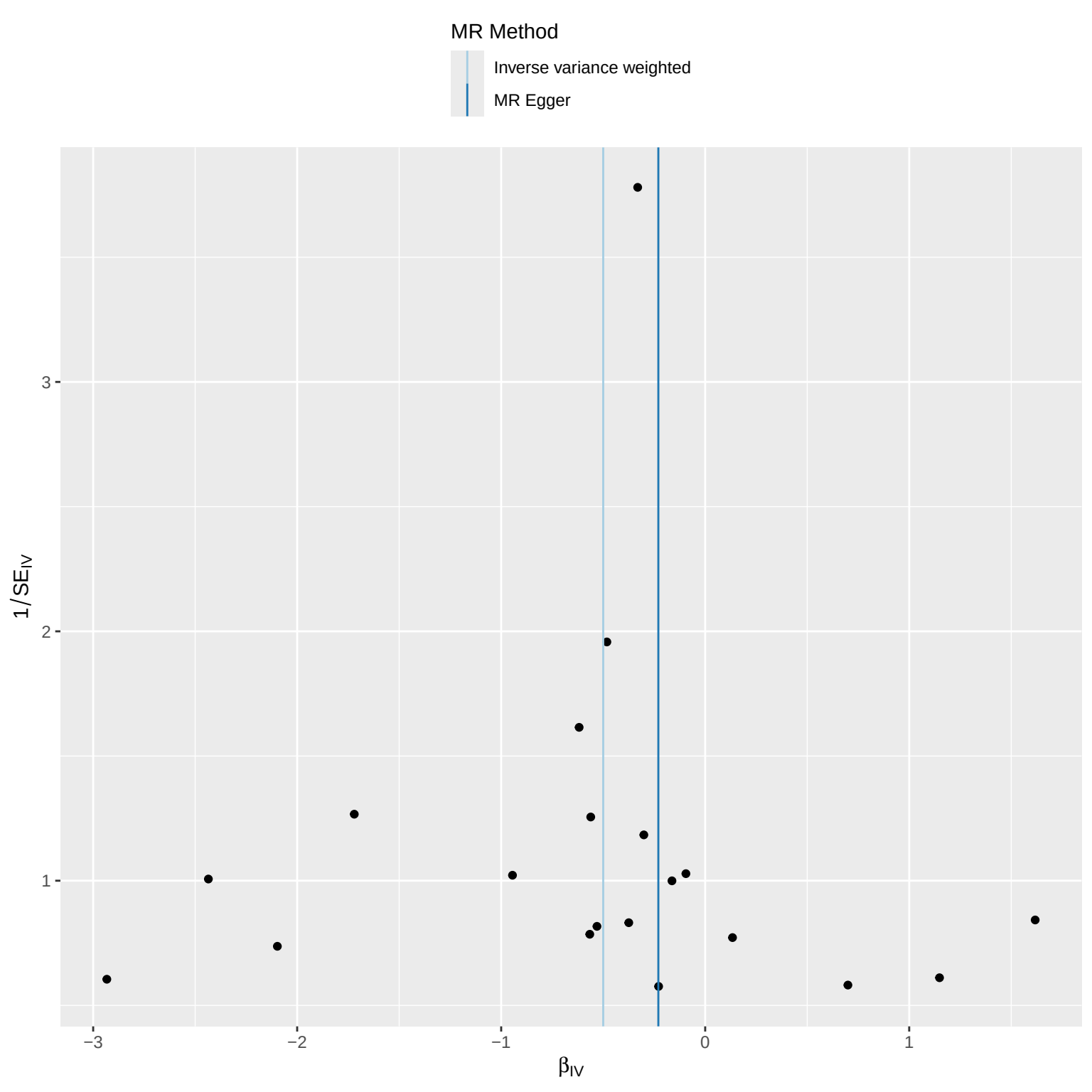

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

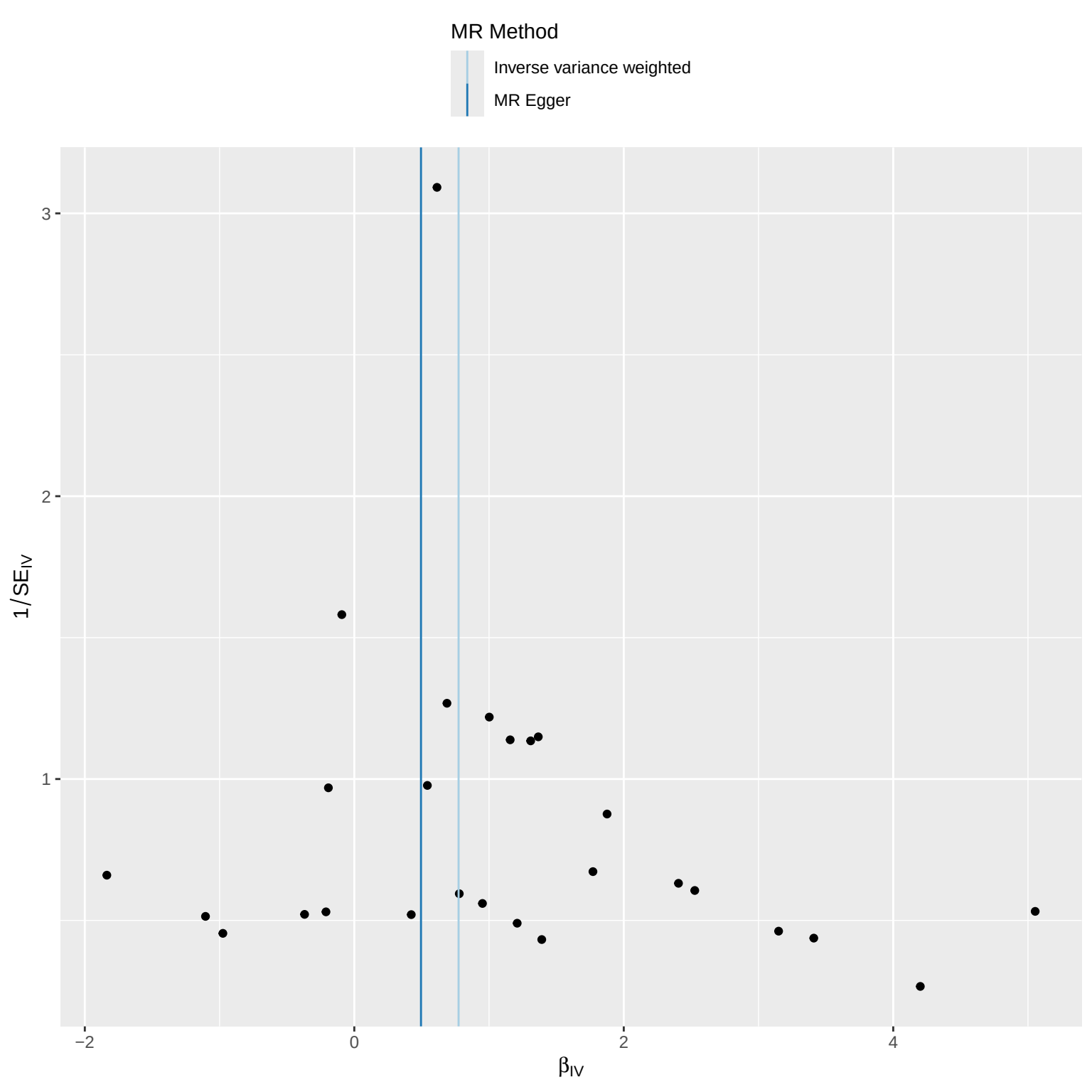

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

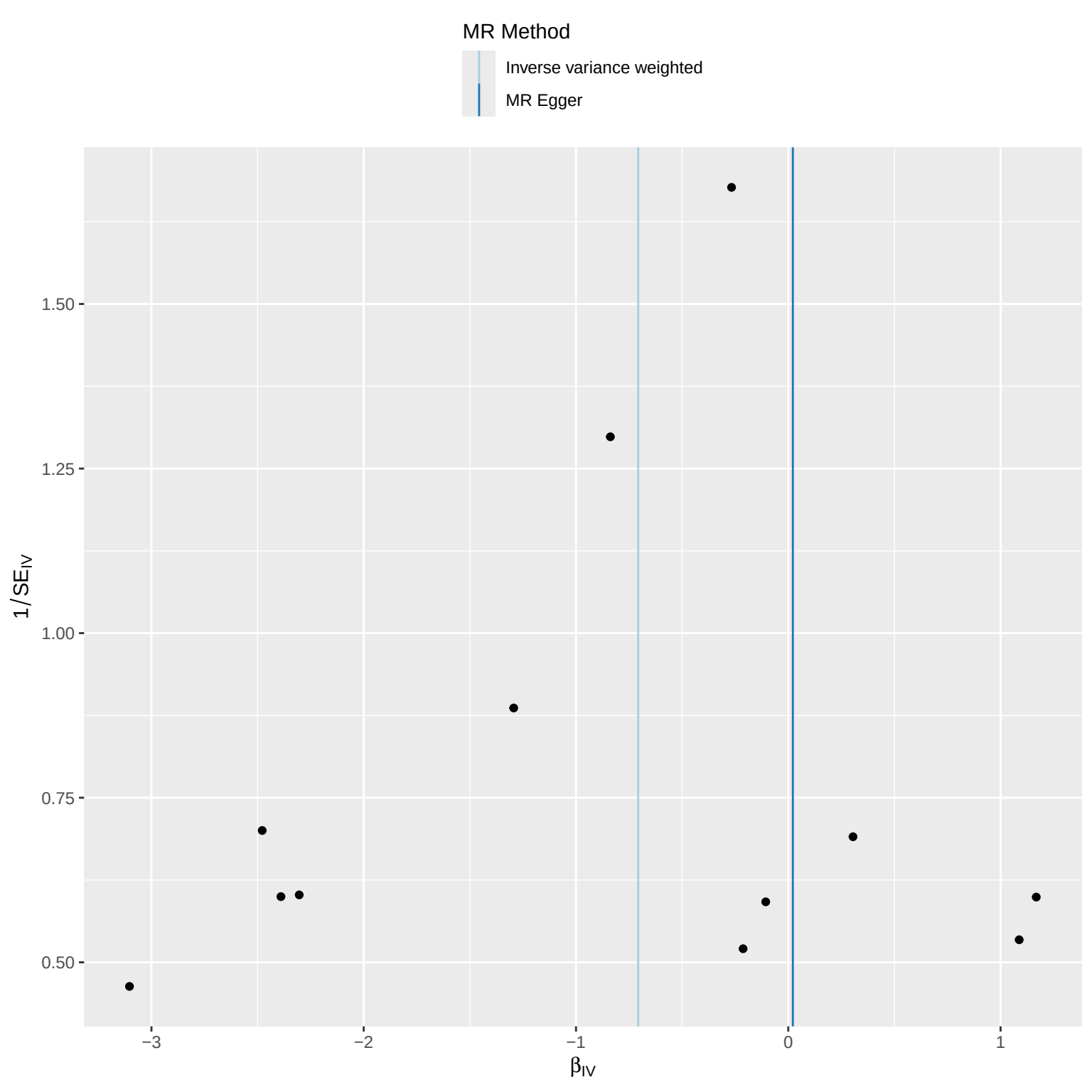

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

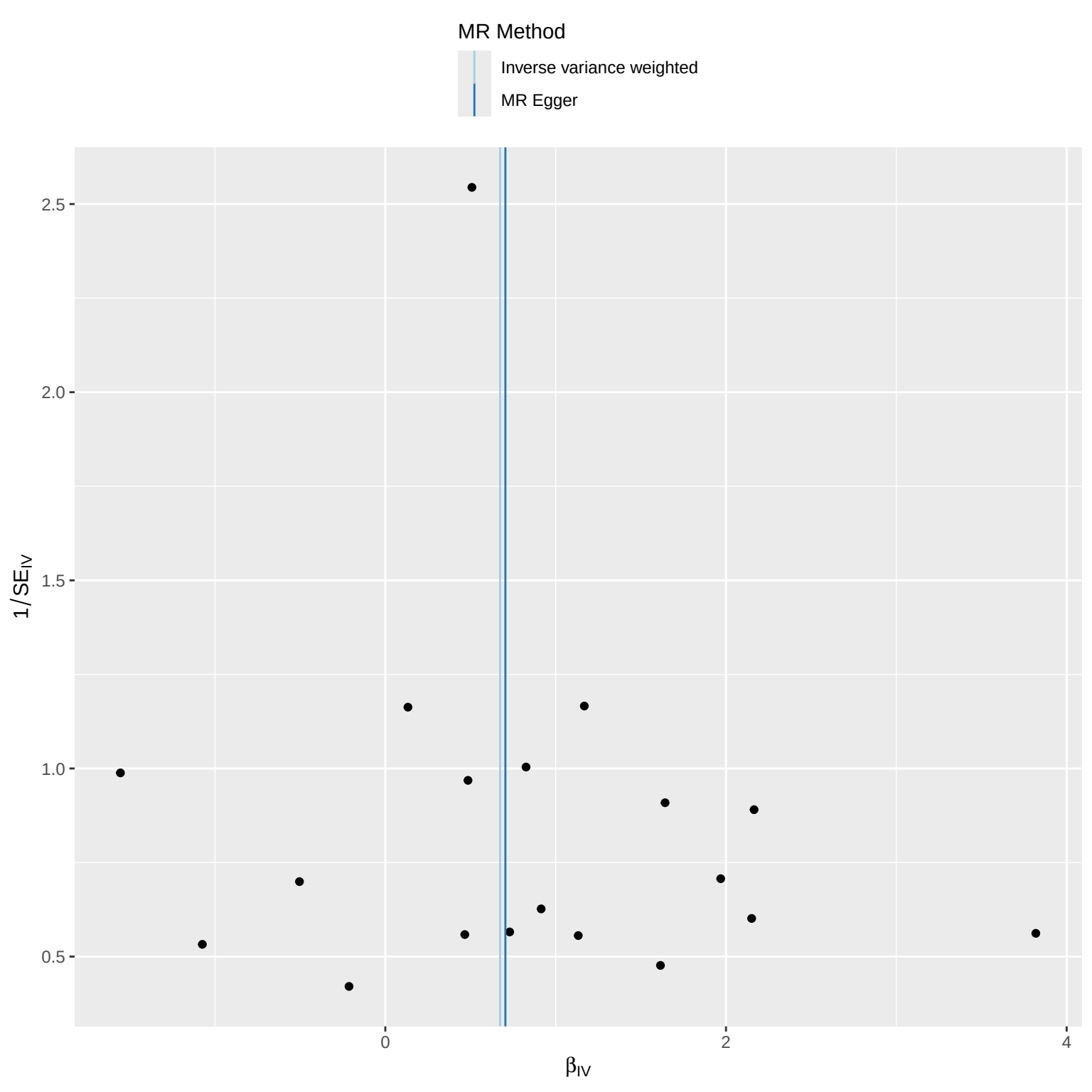

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

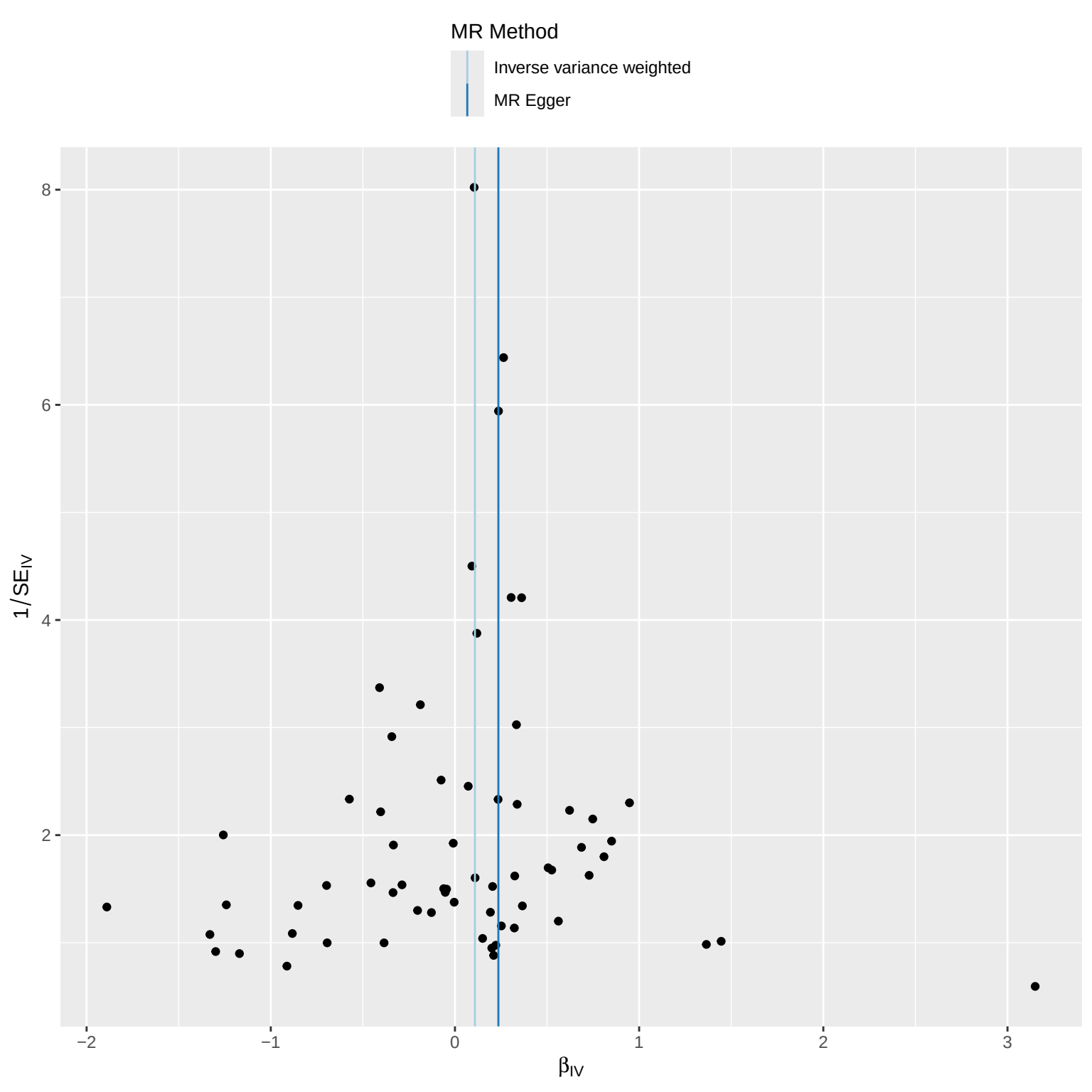

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

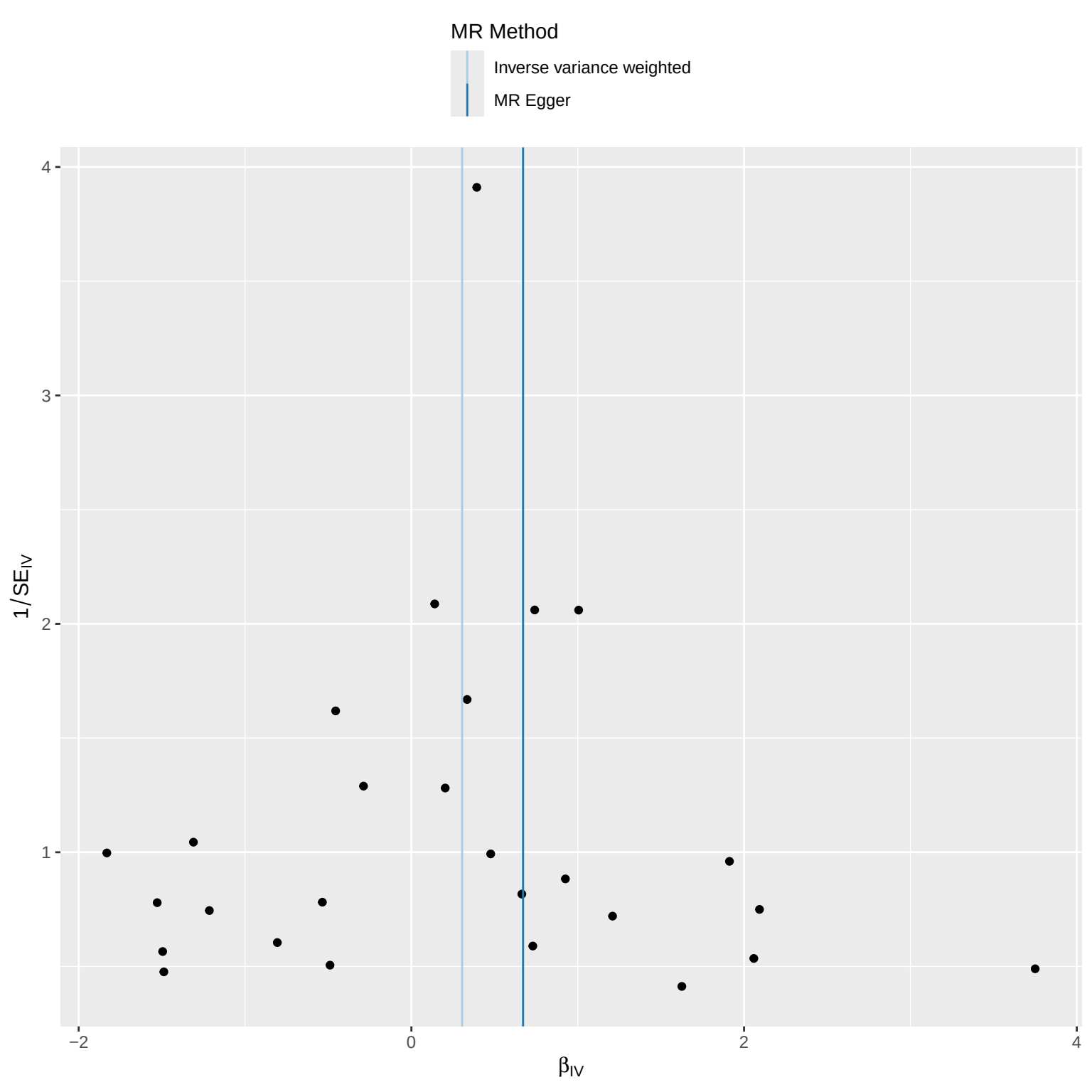

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

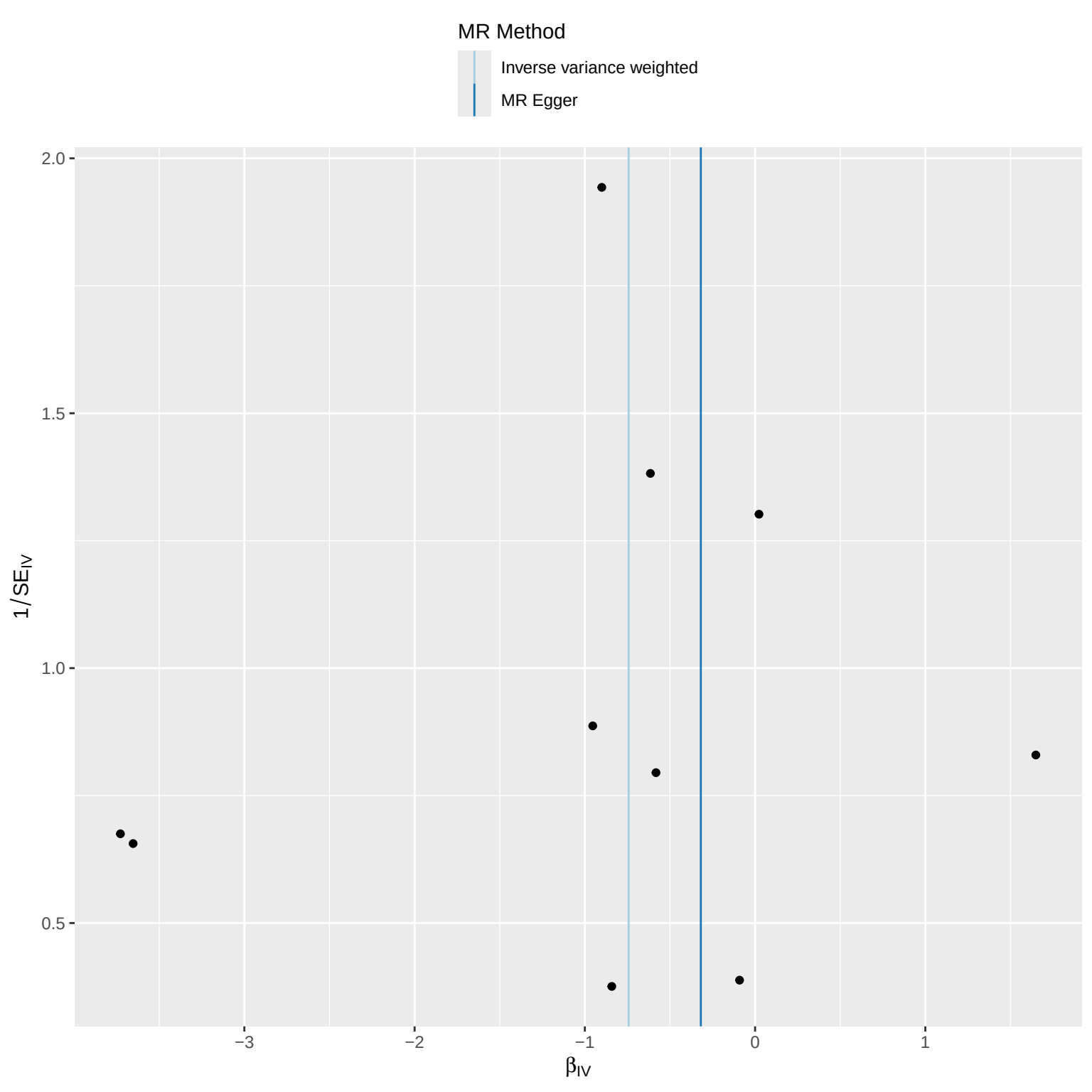

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

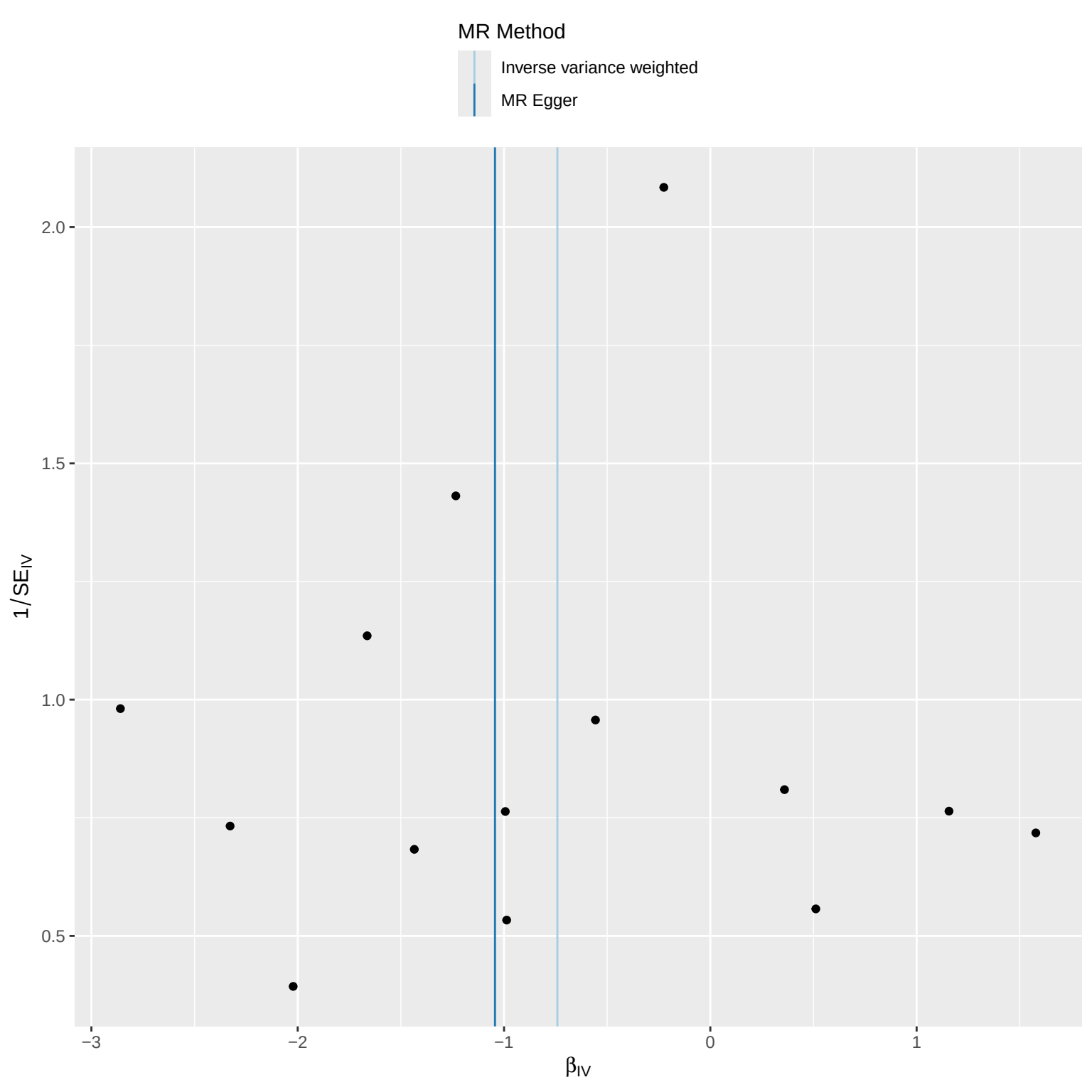

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

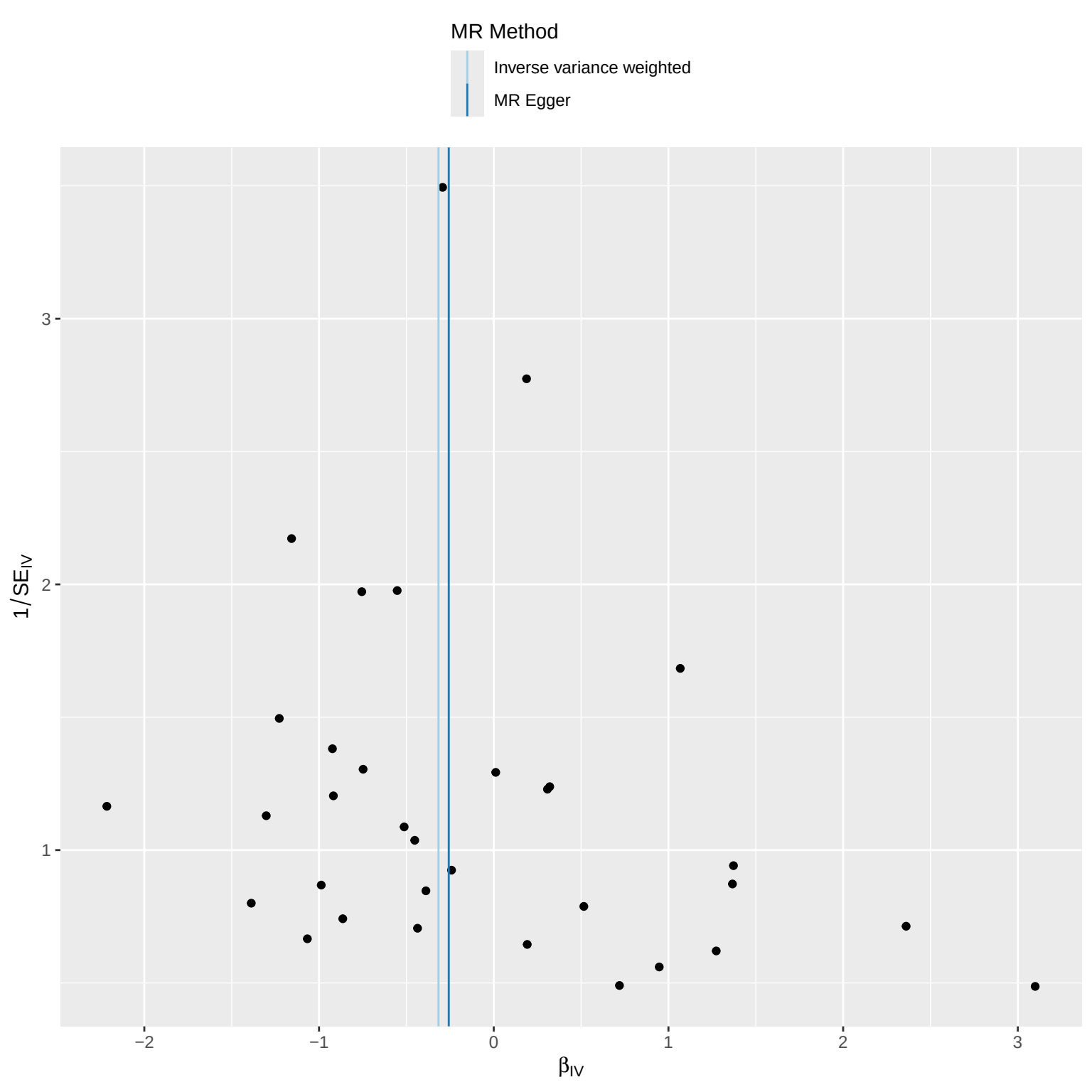

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

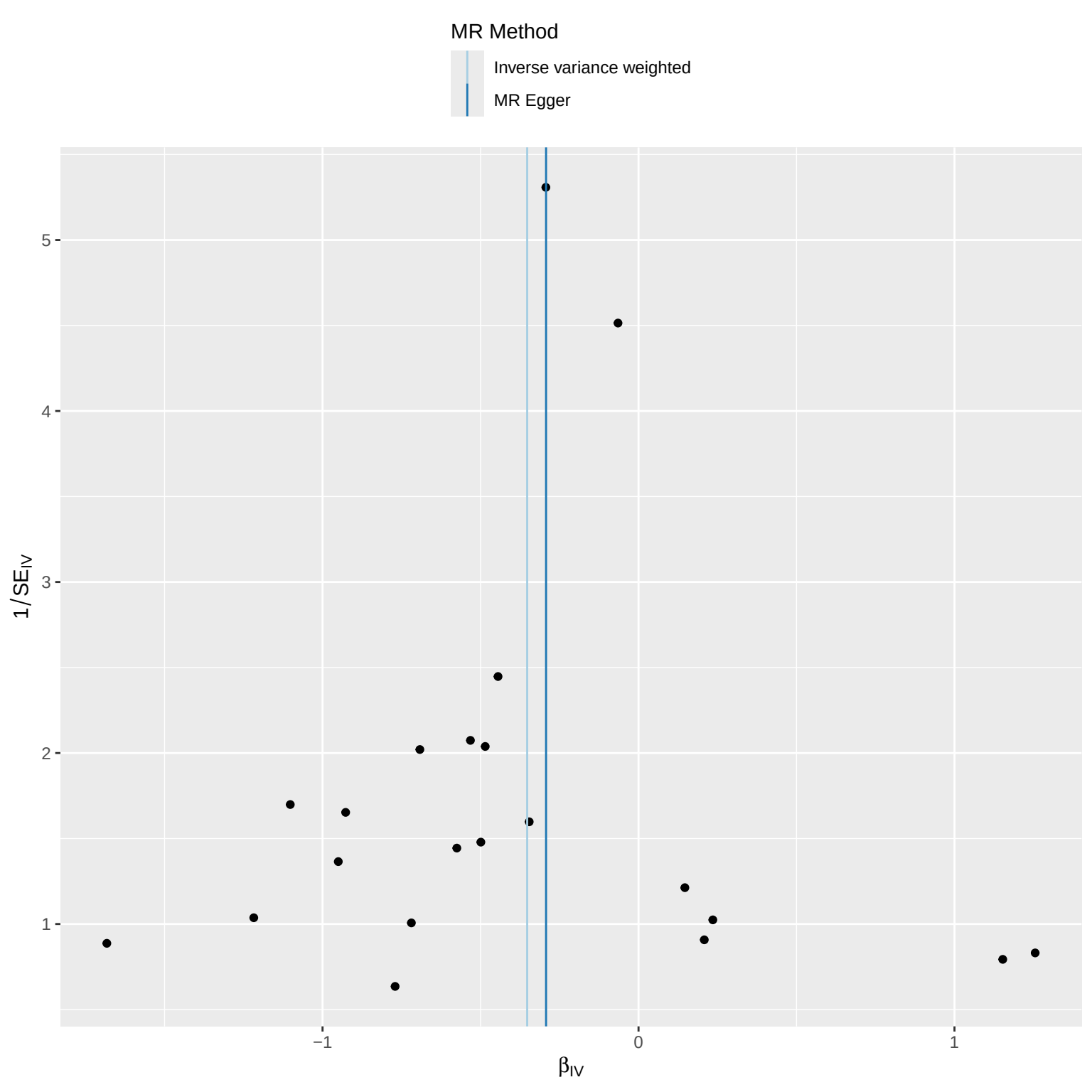

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

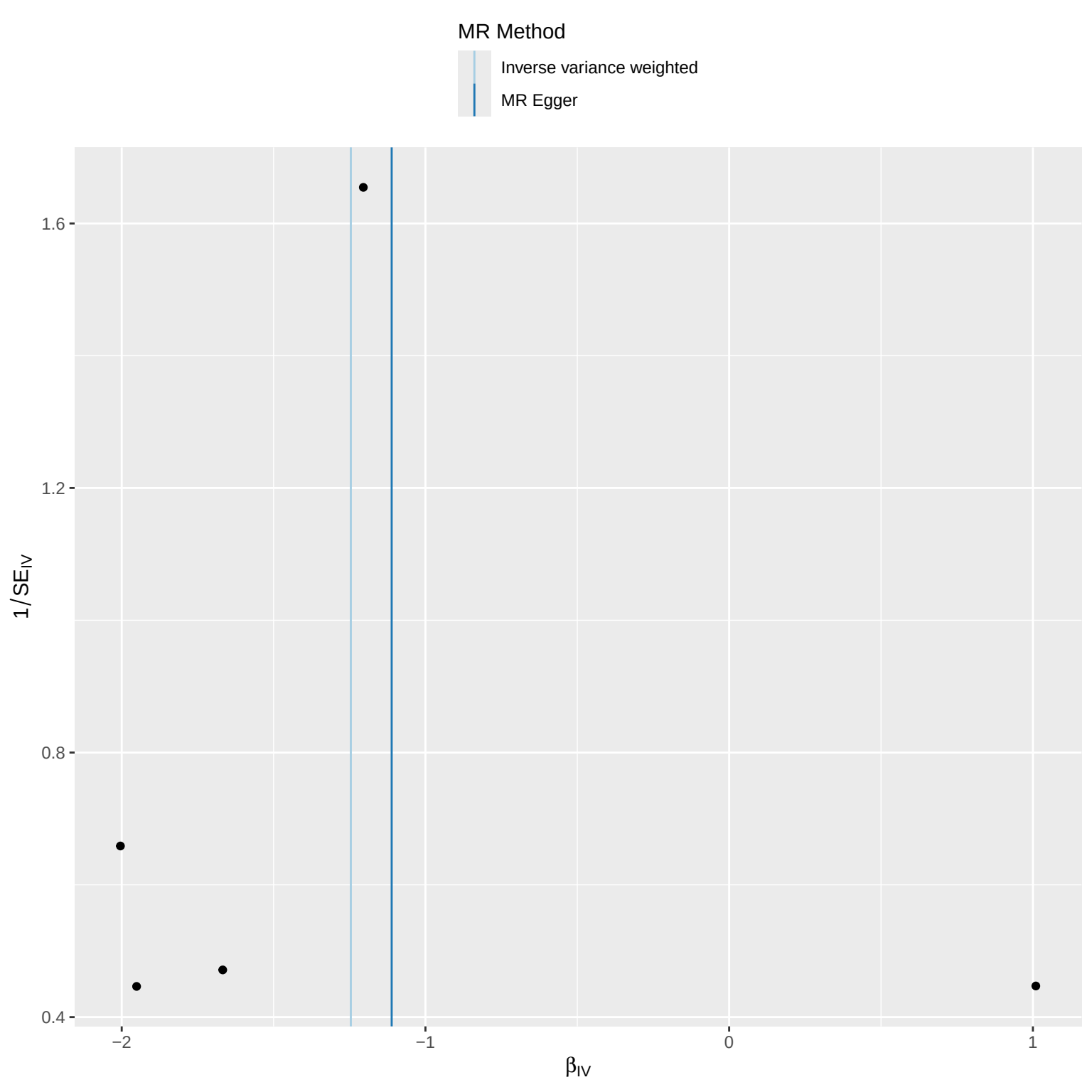

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

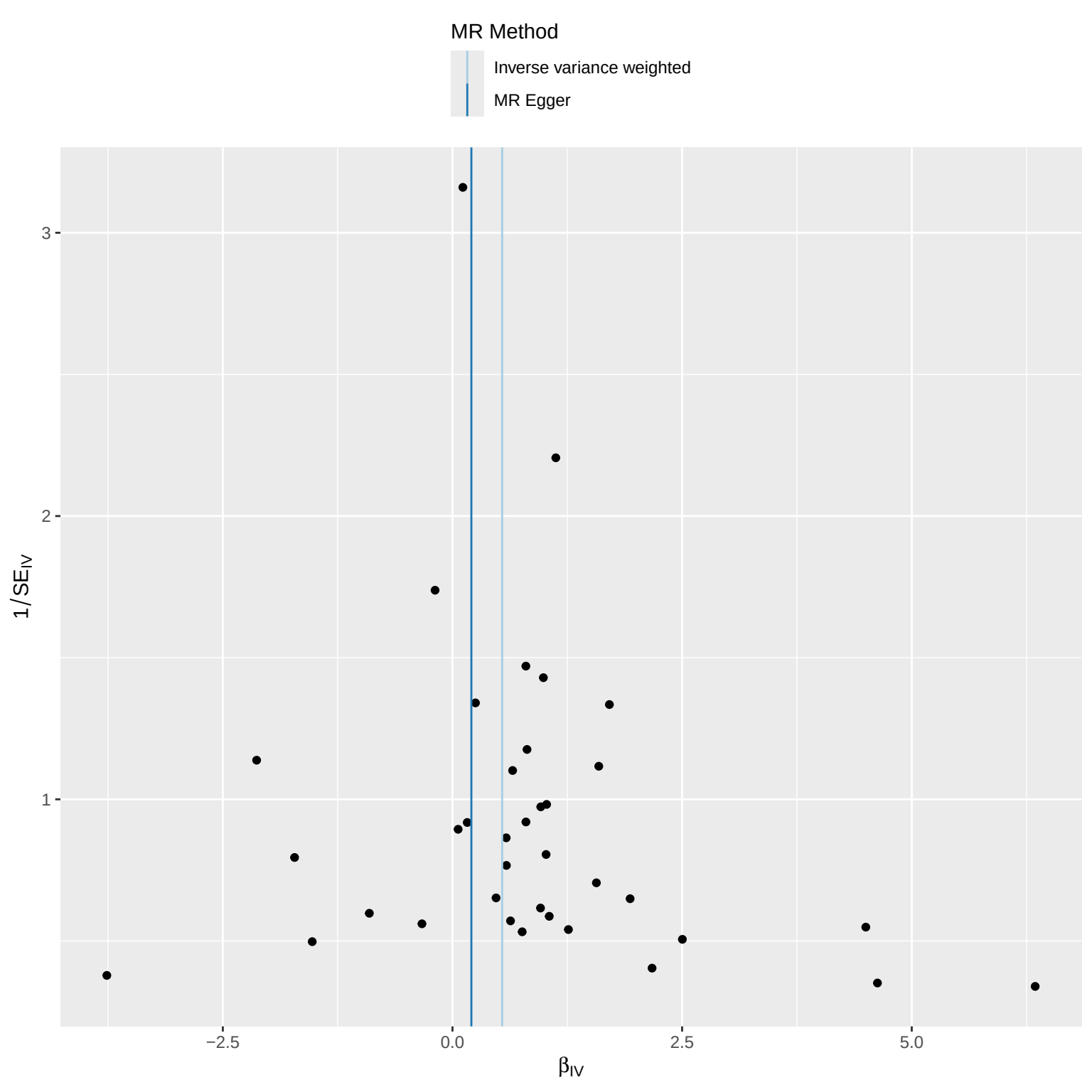

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

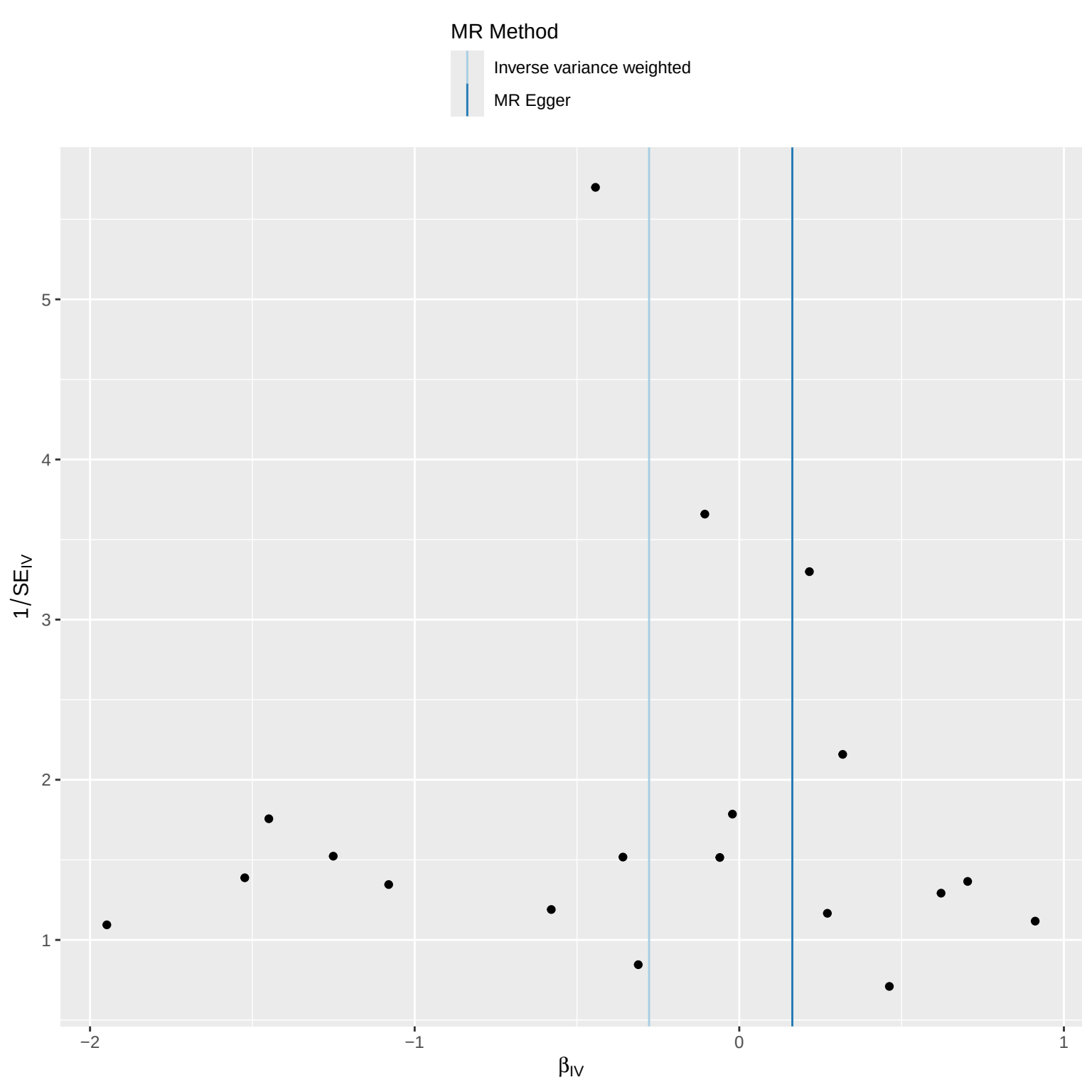

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

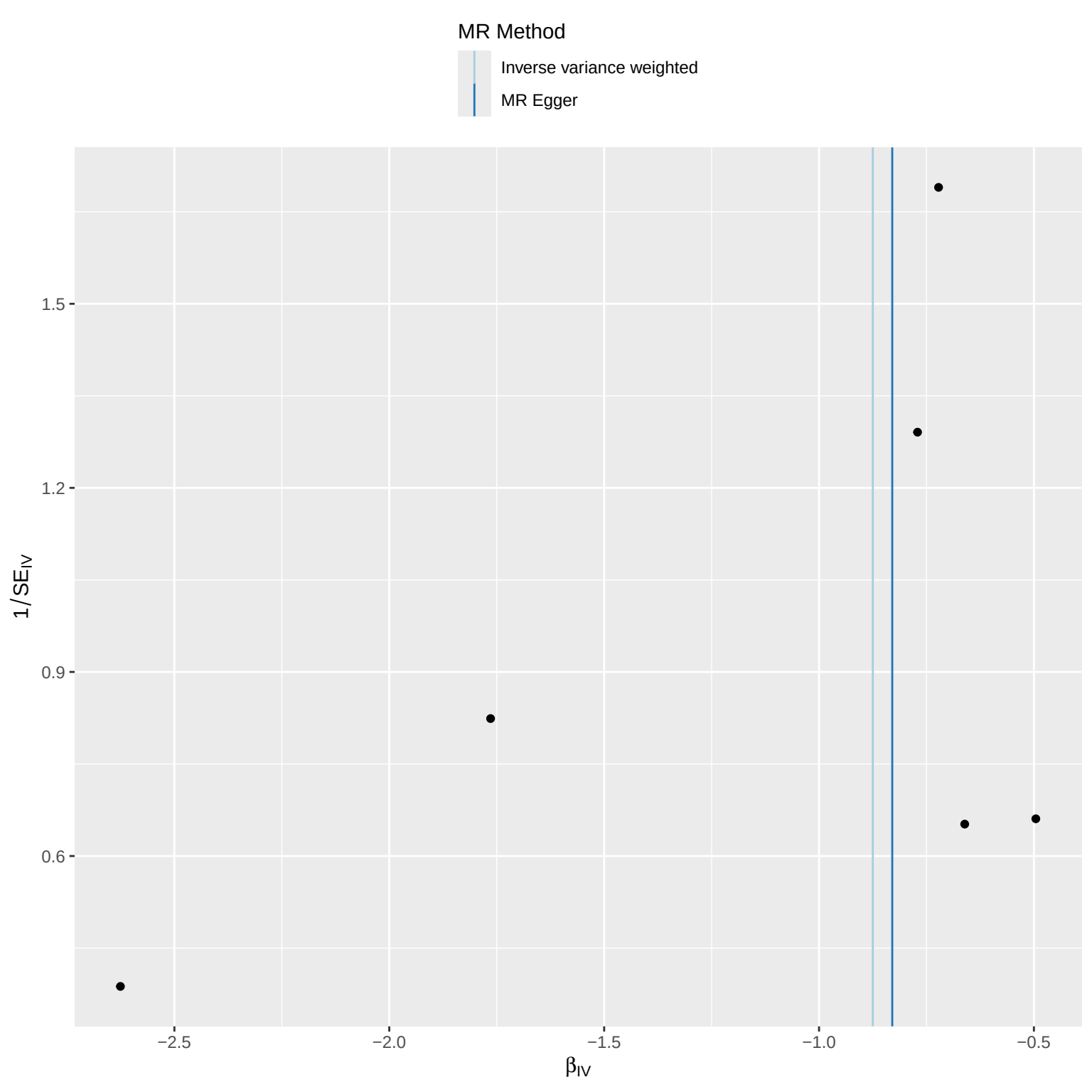

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

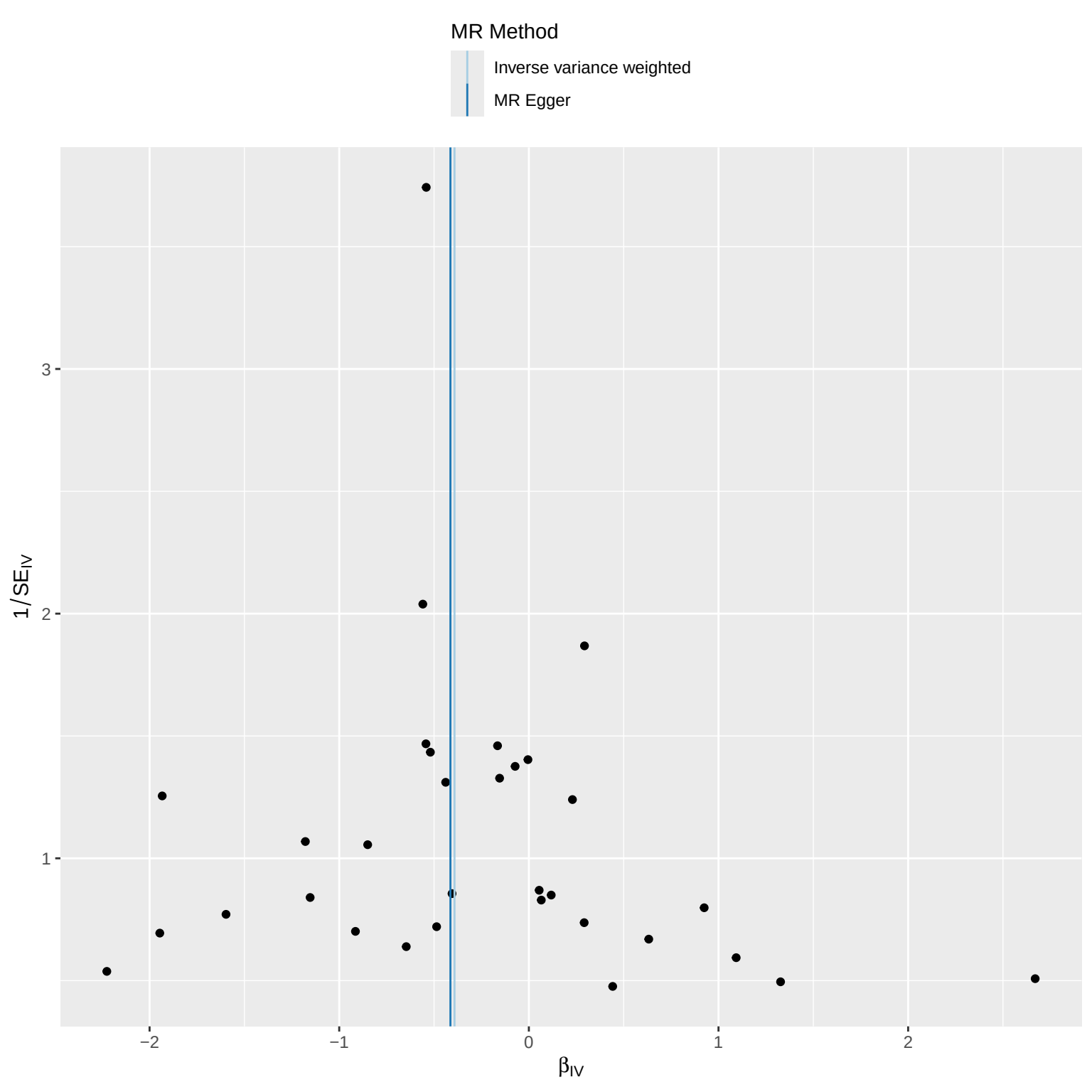

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

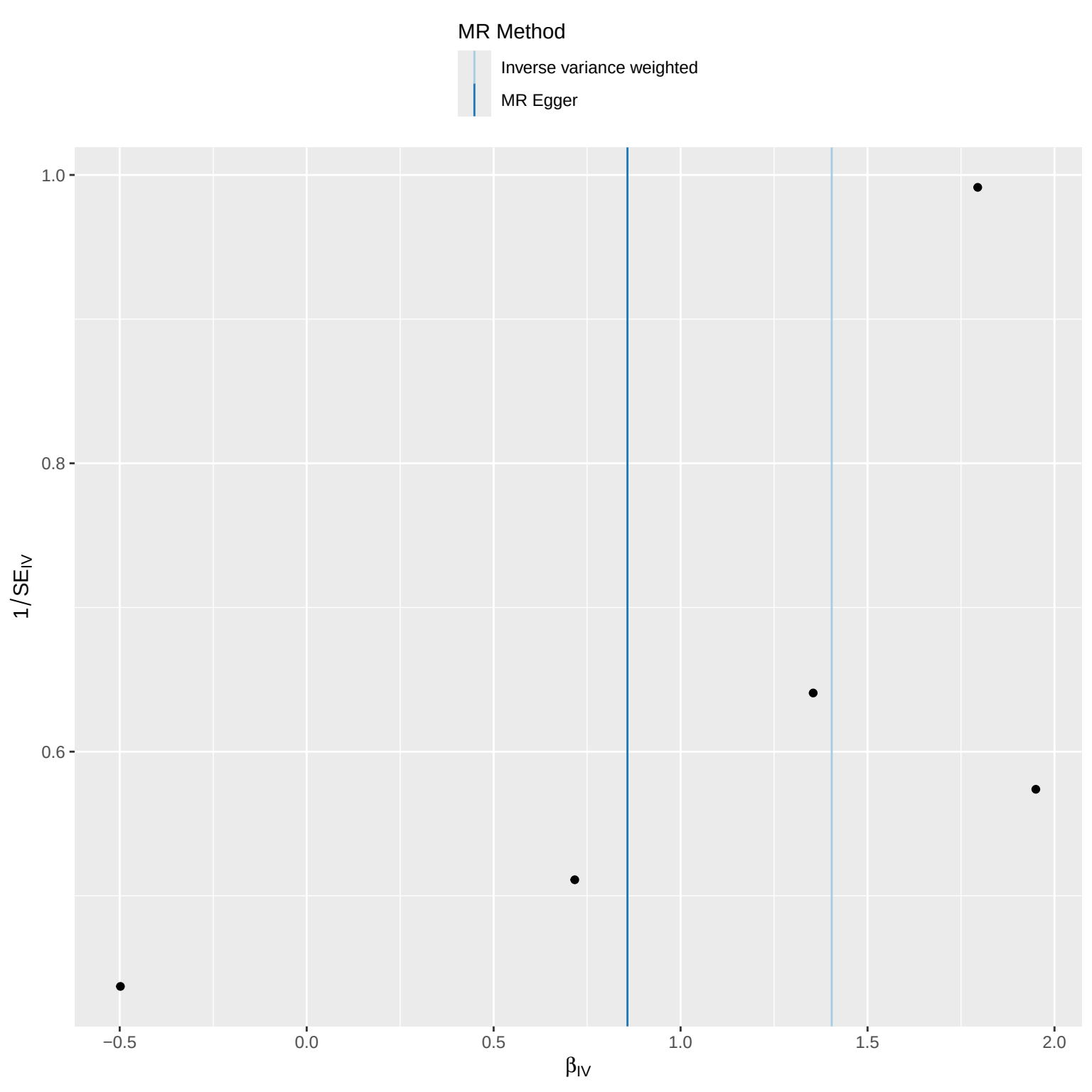

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

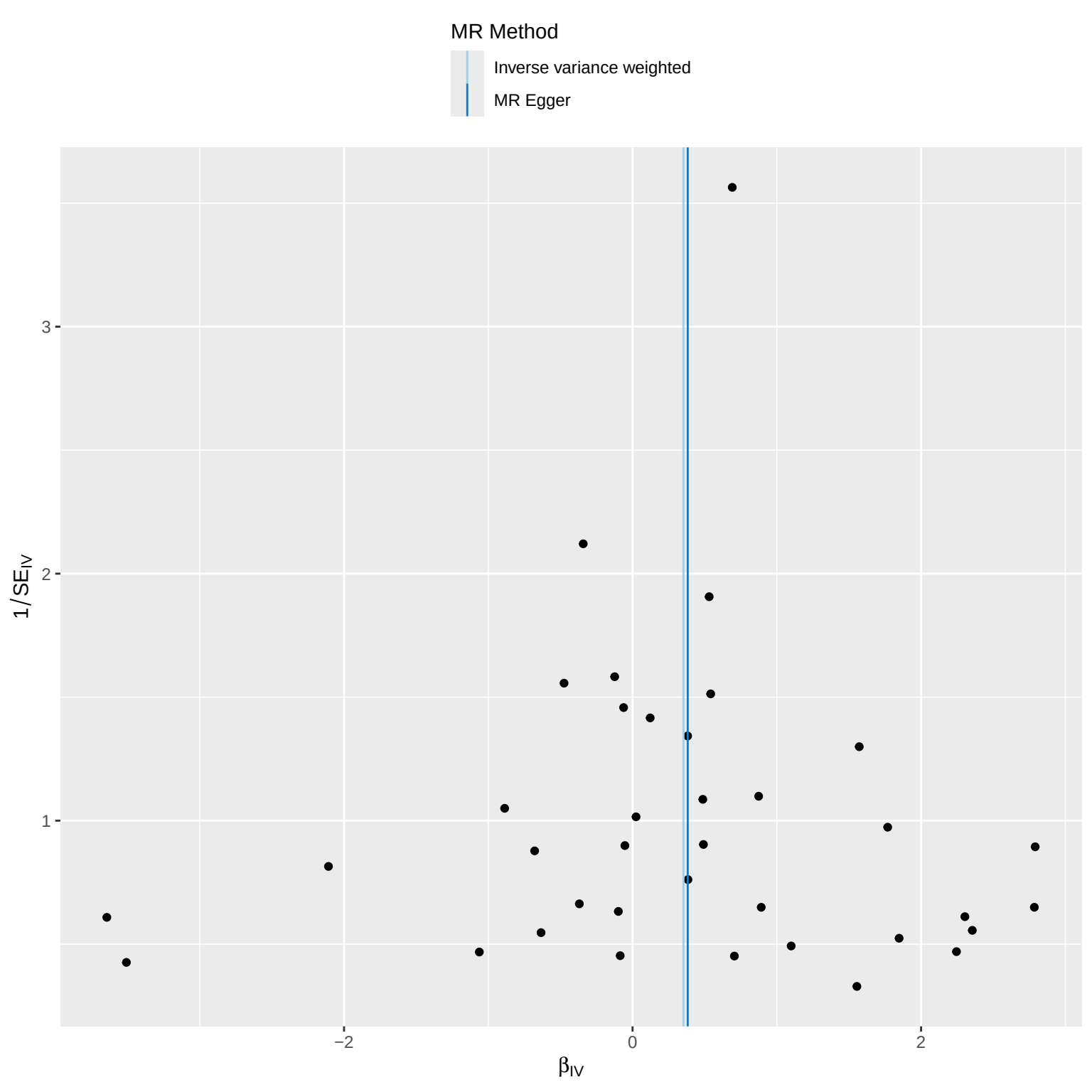

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

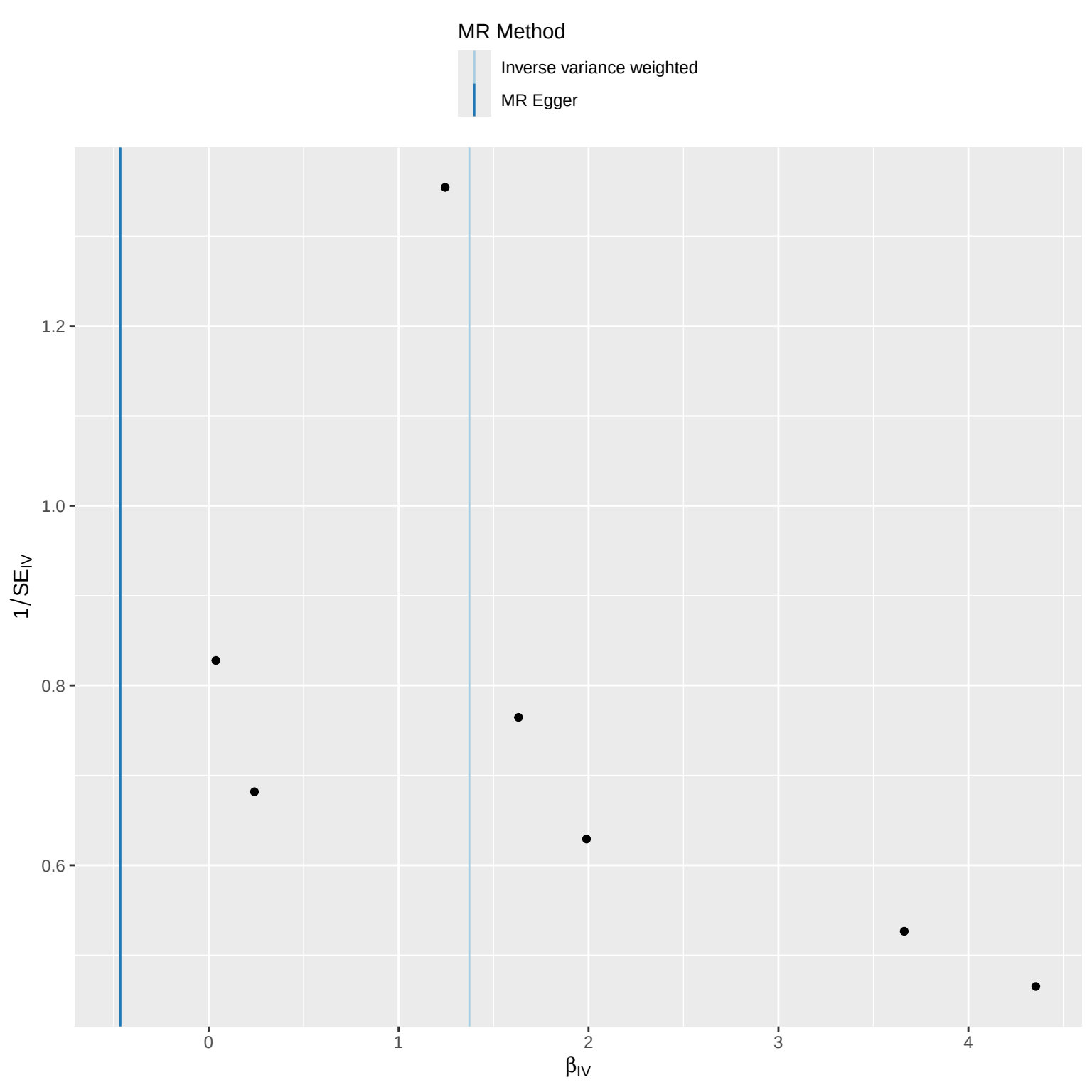

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1

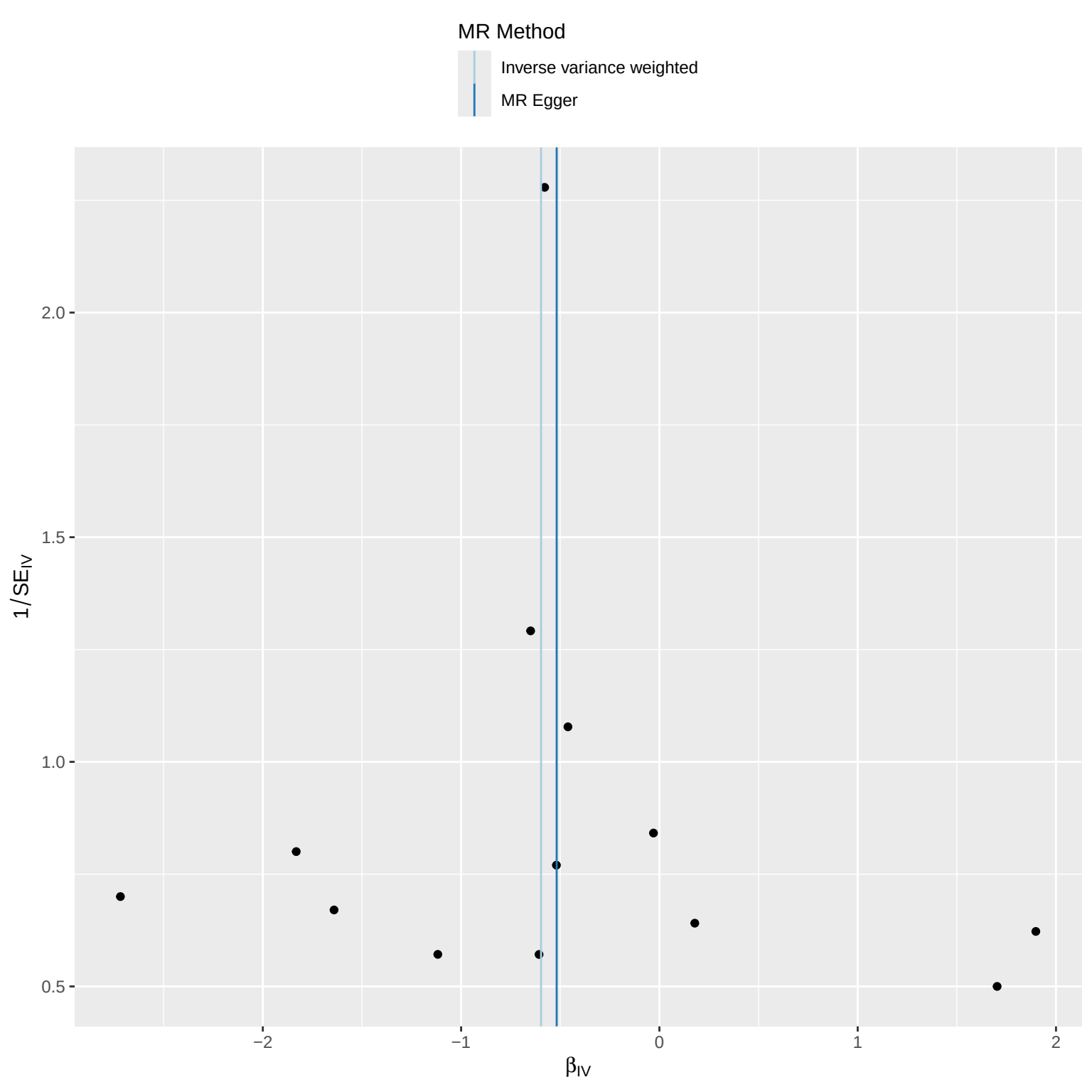

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

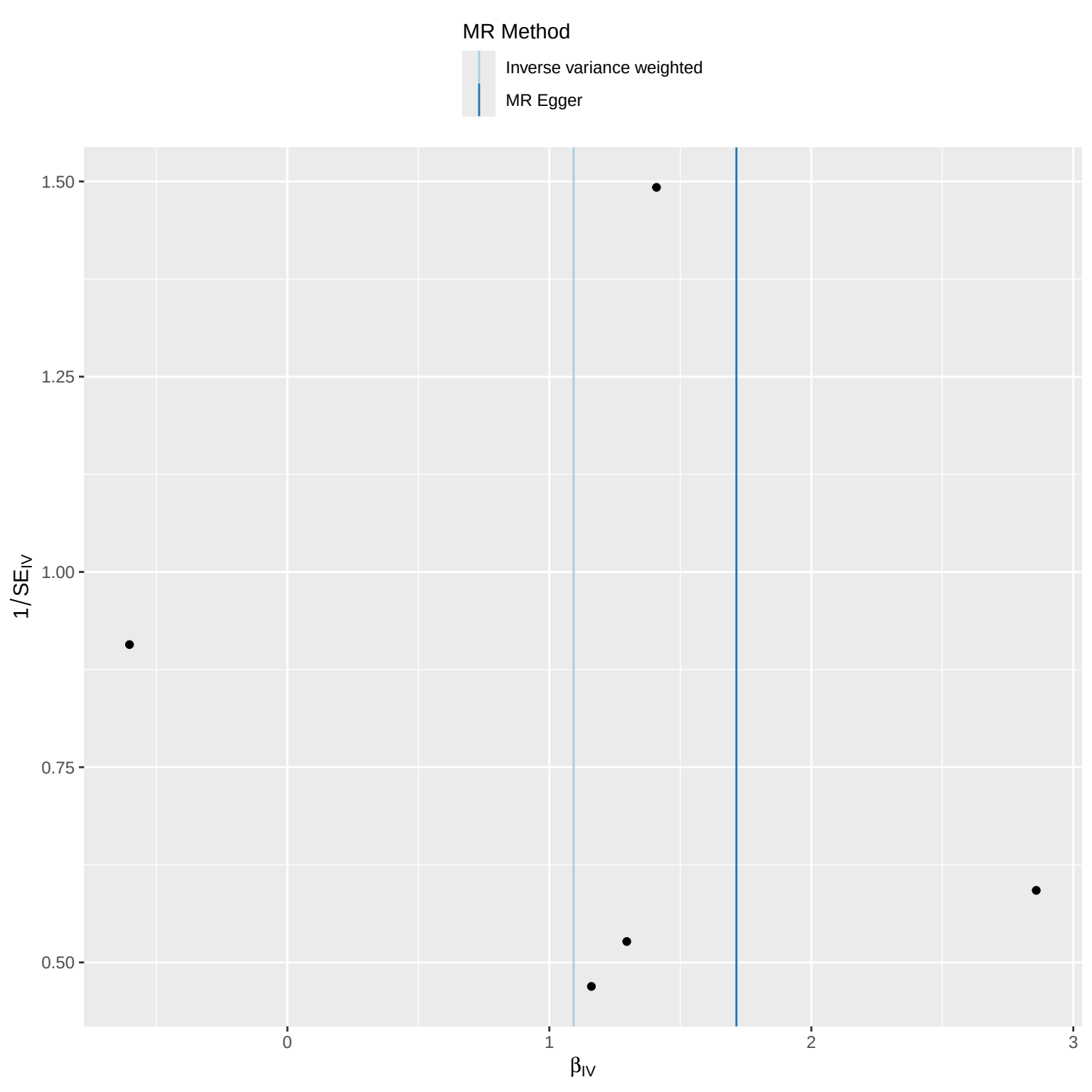

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

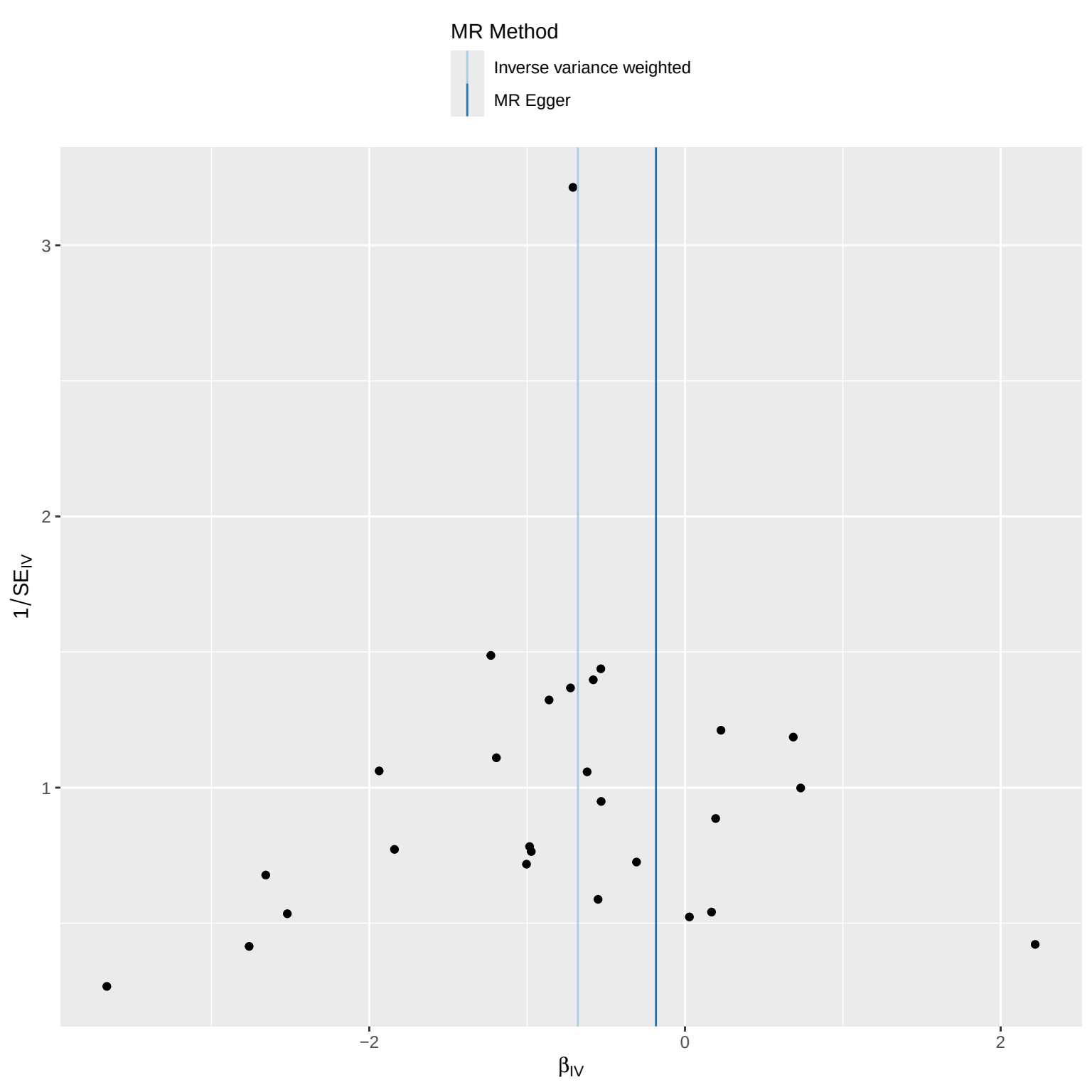

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

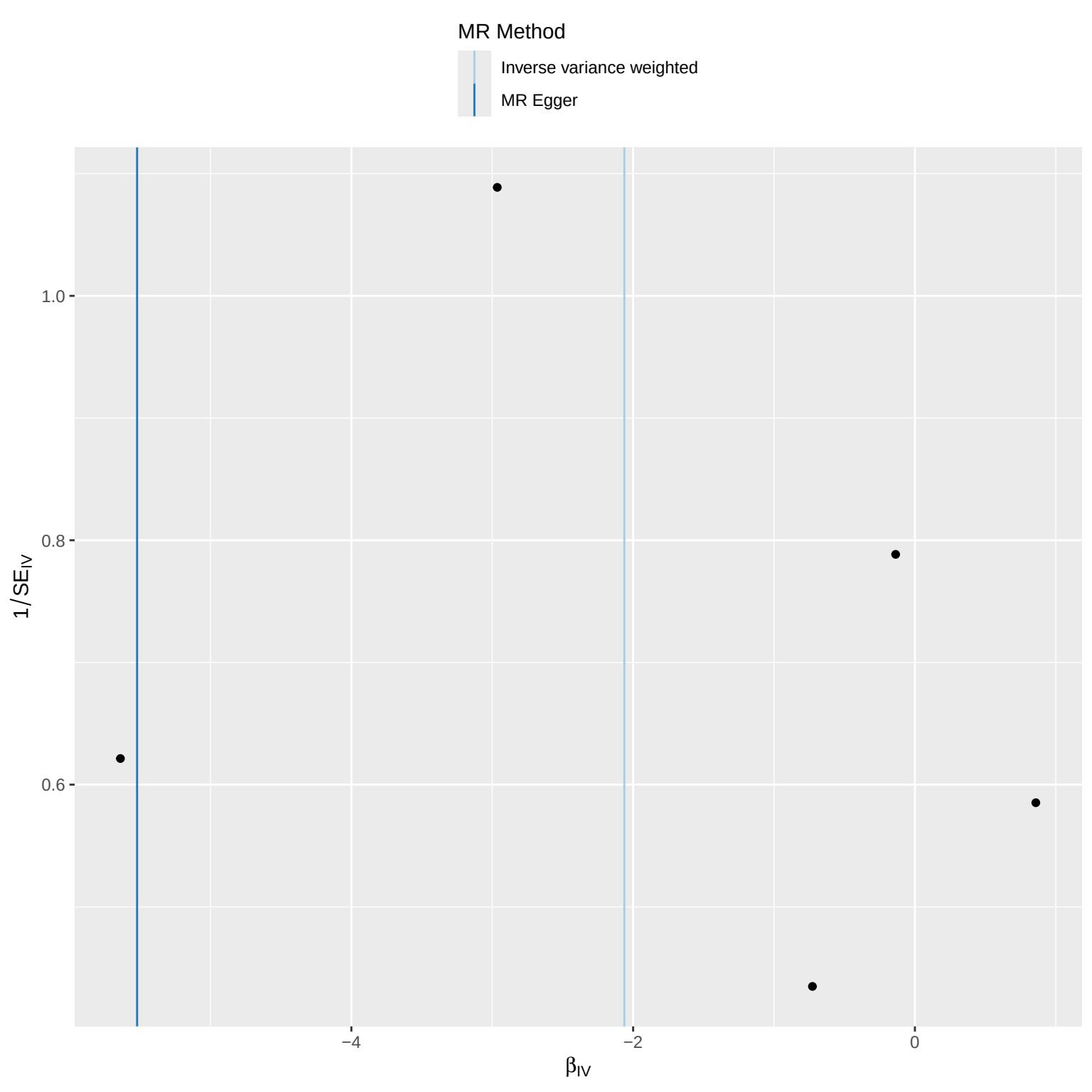

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

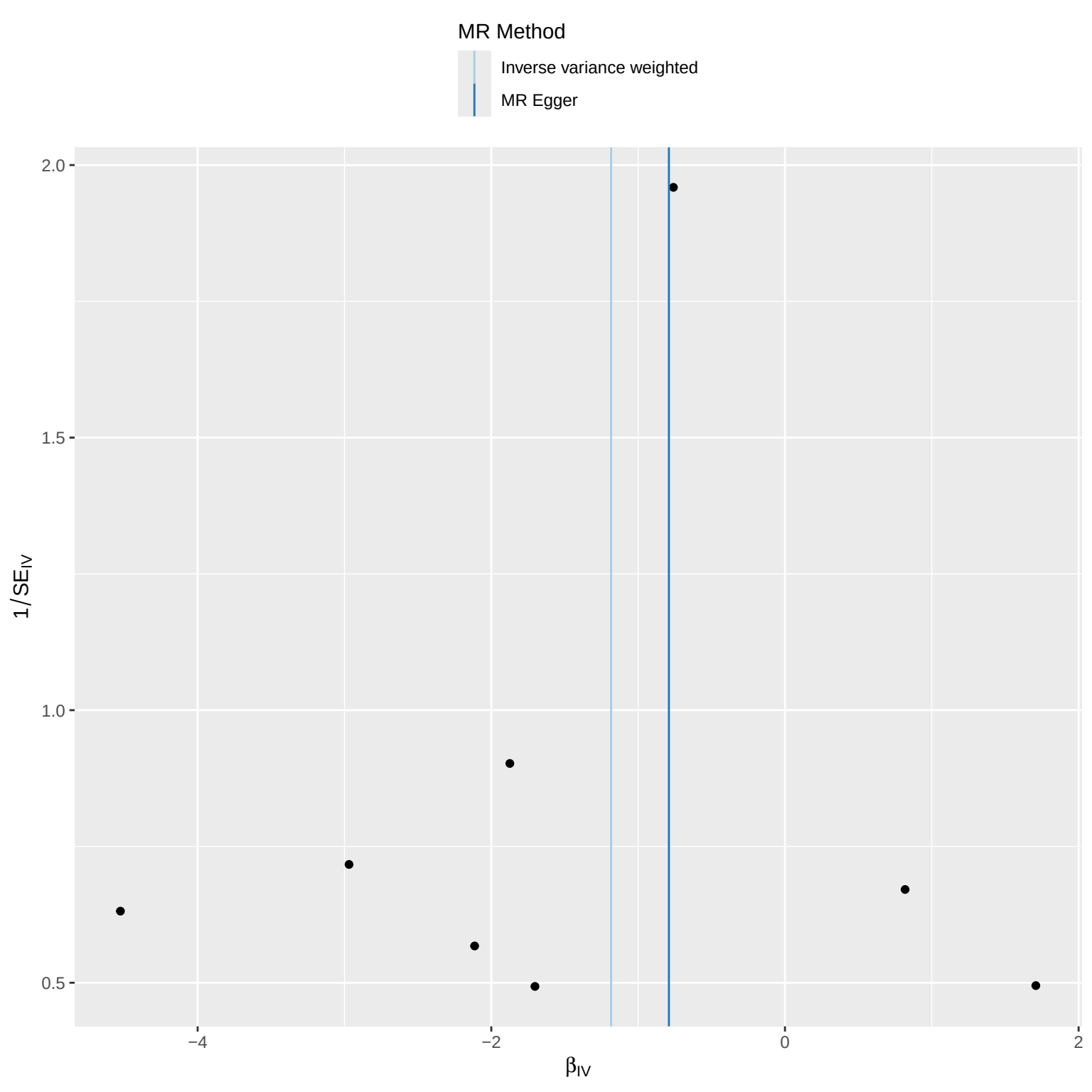

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
4
β_IV

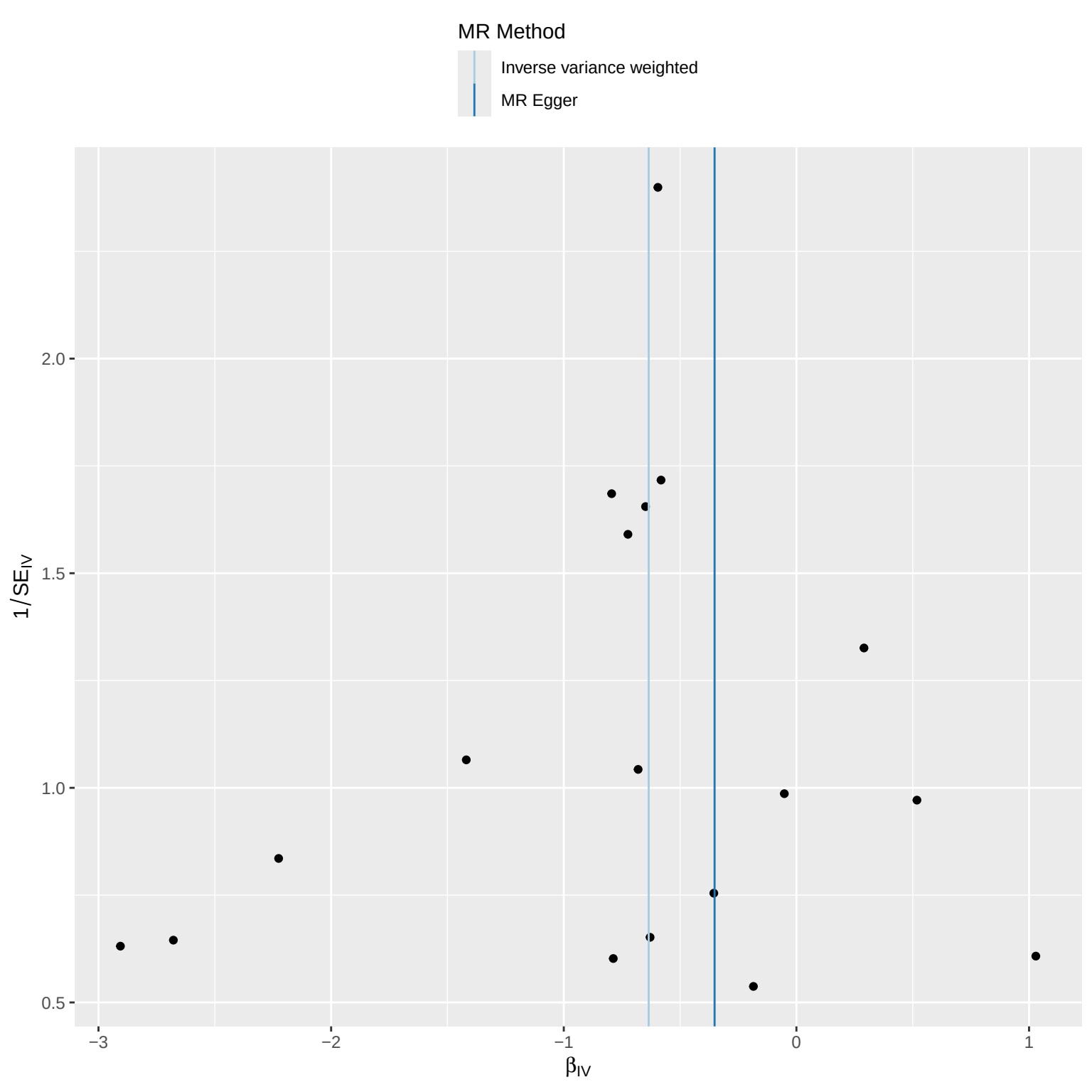

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

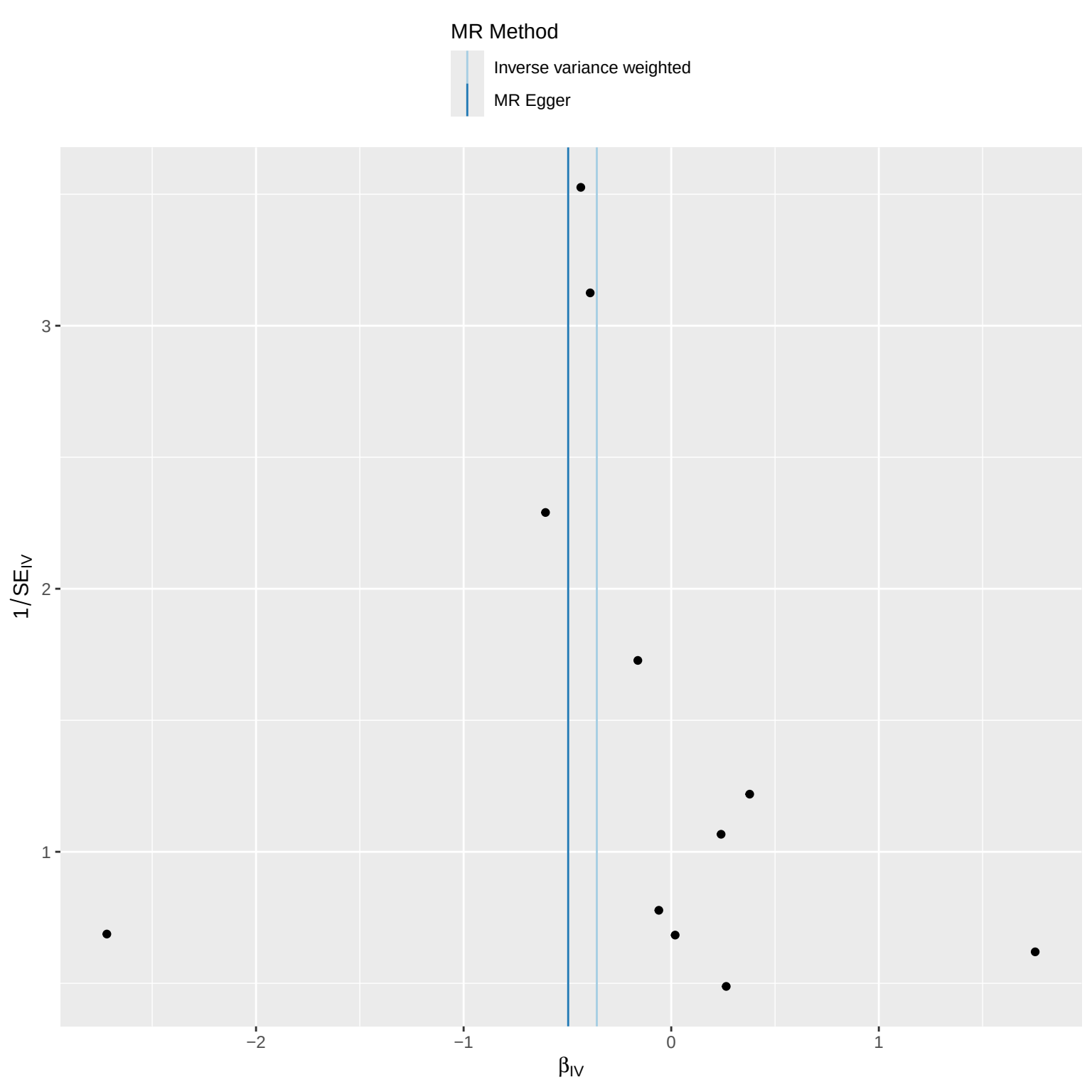

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
β_IV

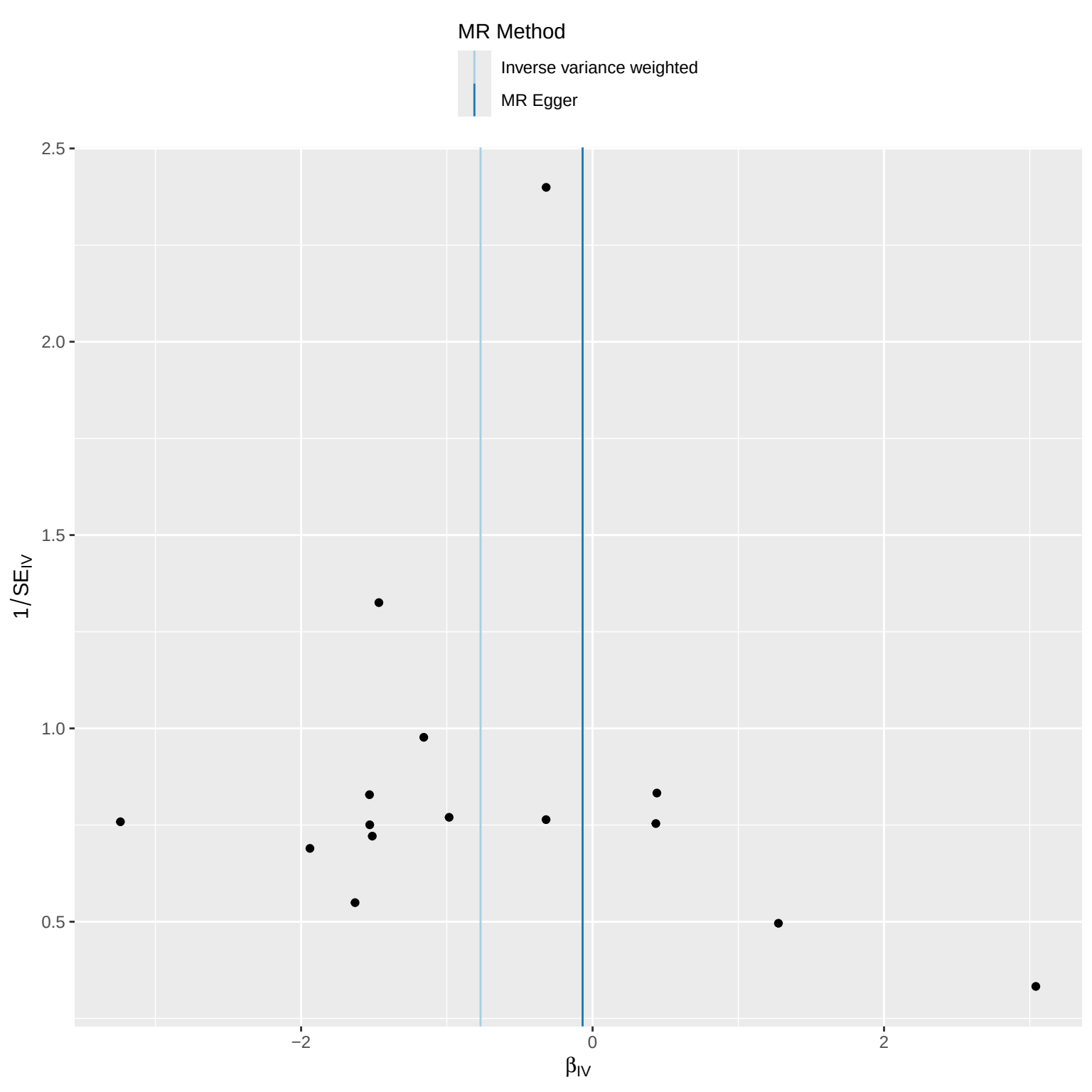

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

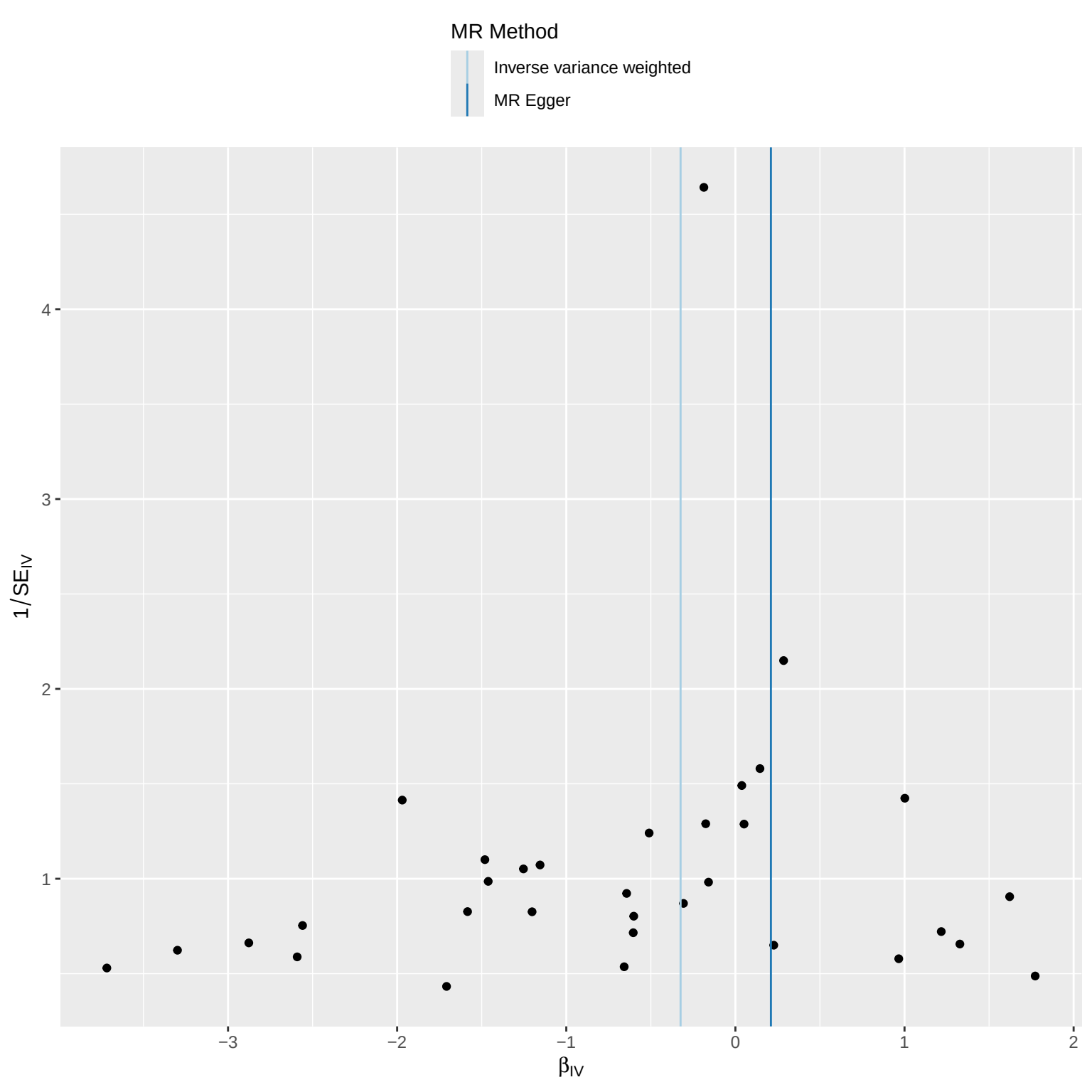

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−4
−2
0
β_IV

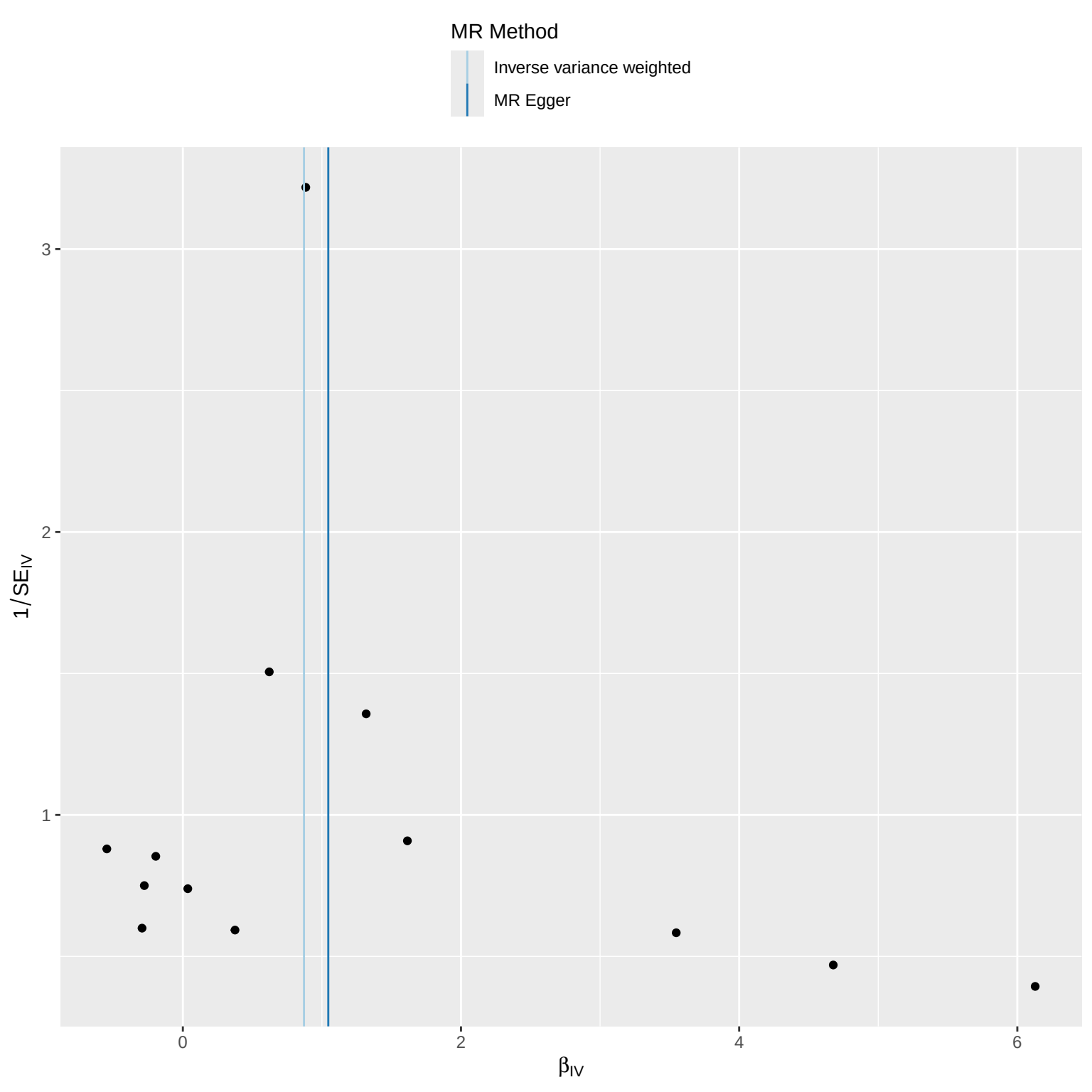

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

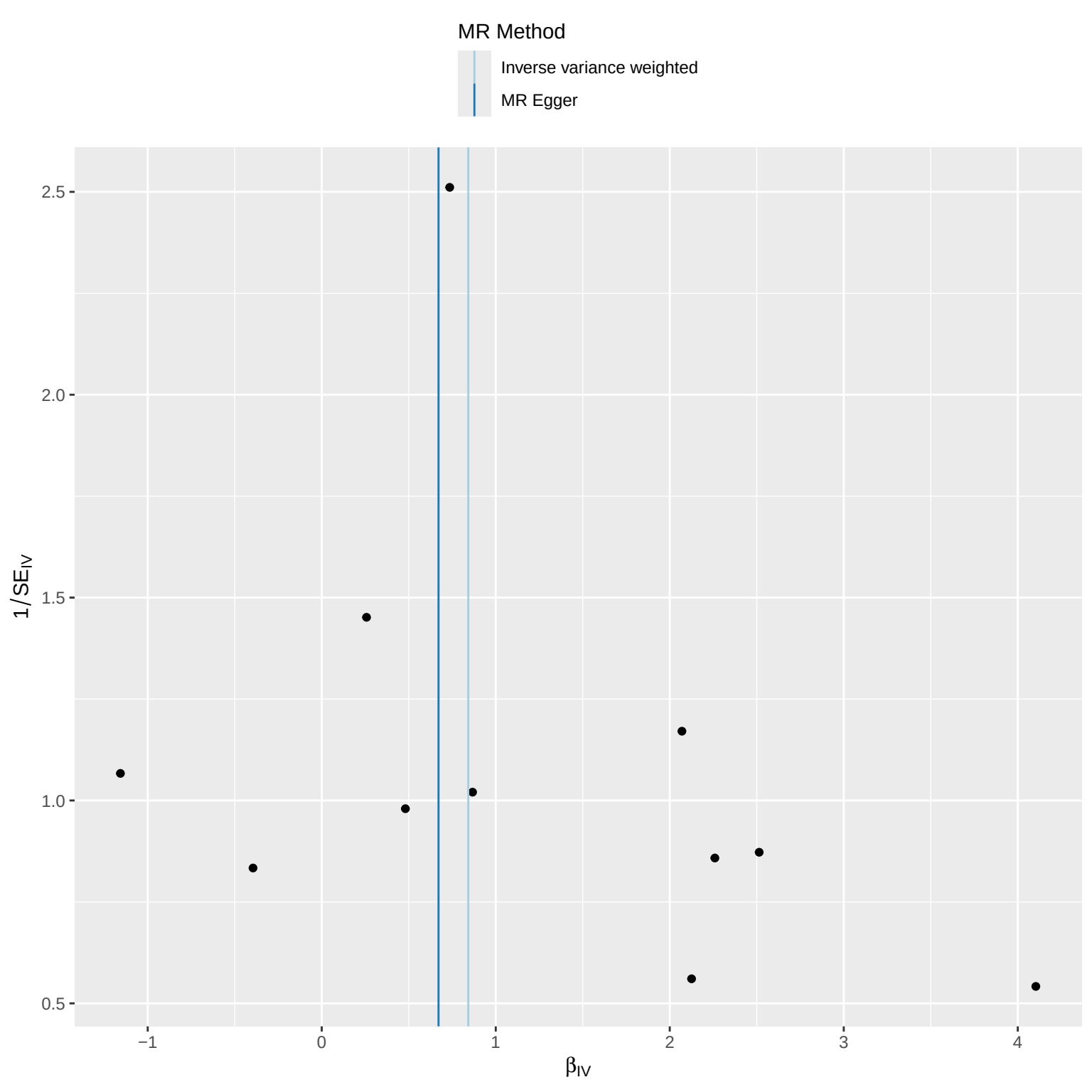

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

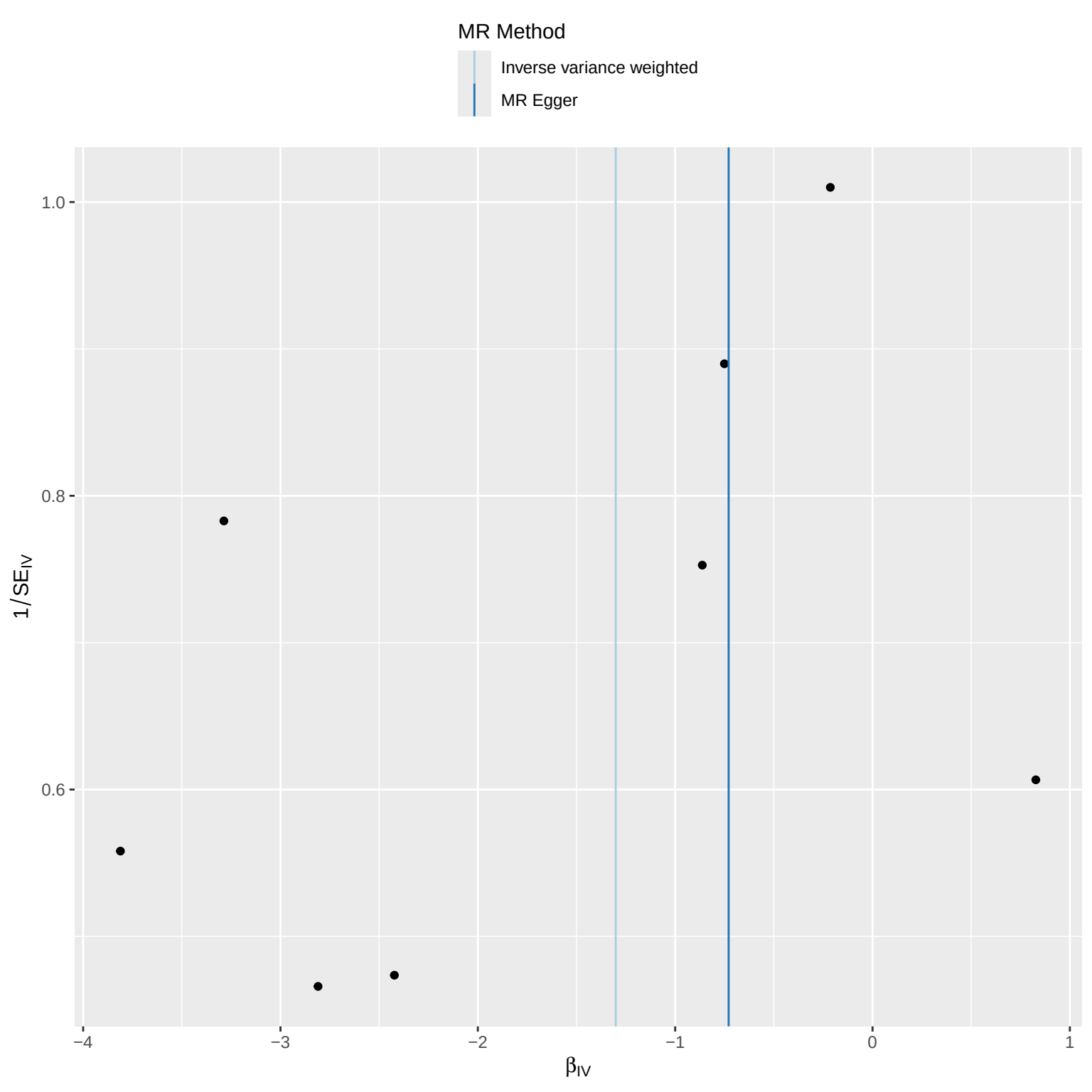

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

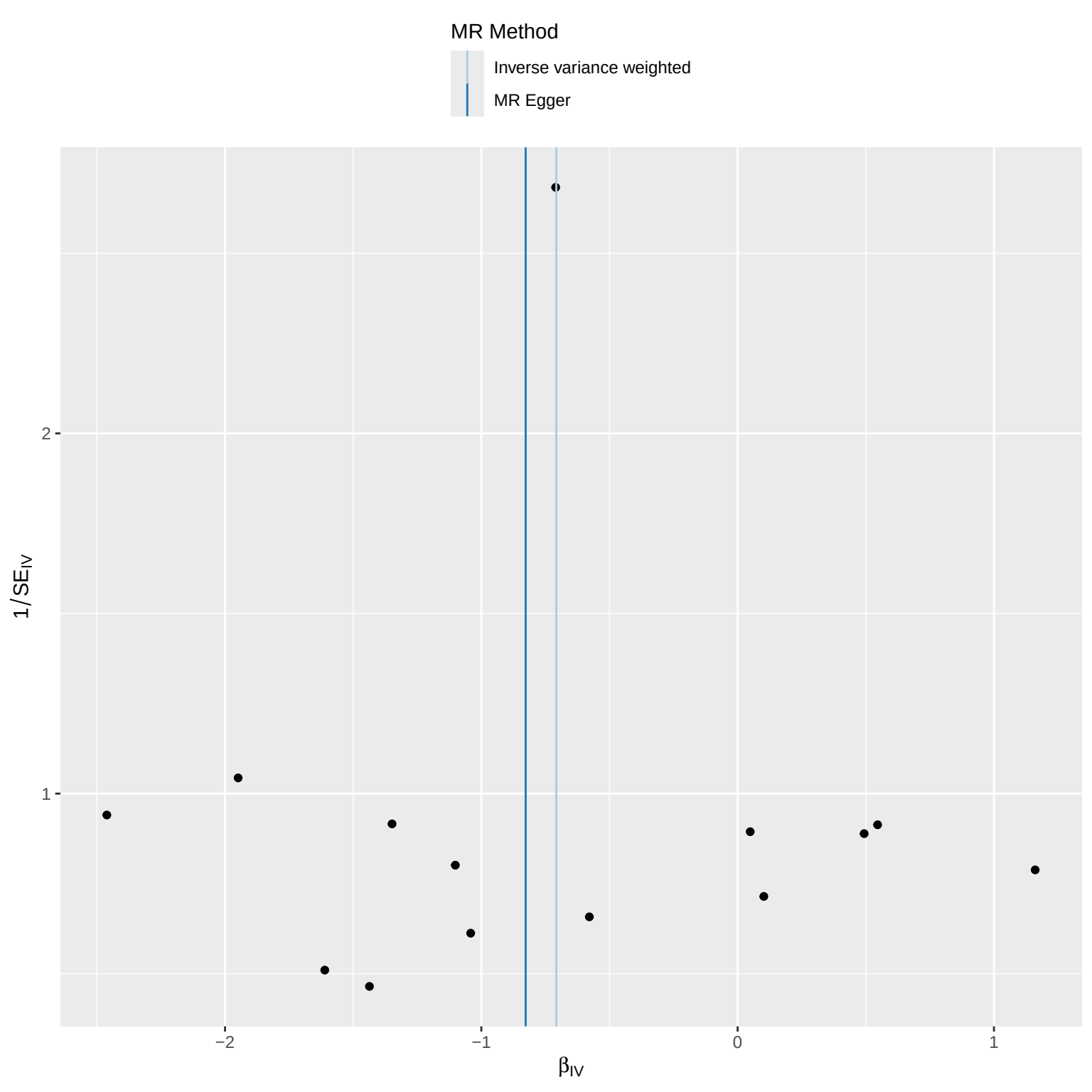

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

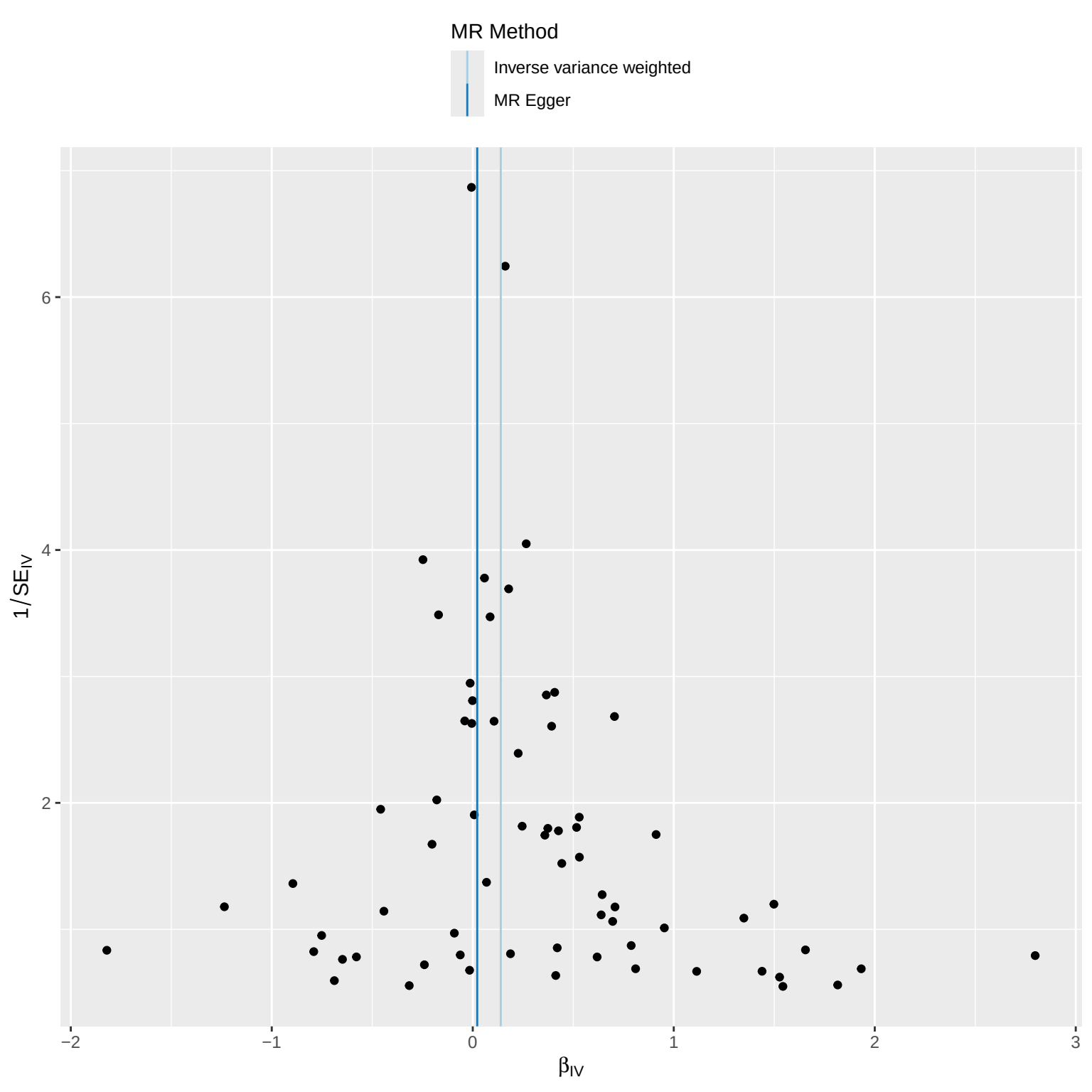

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−3
−2
−1
0
1
2

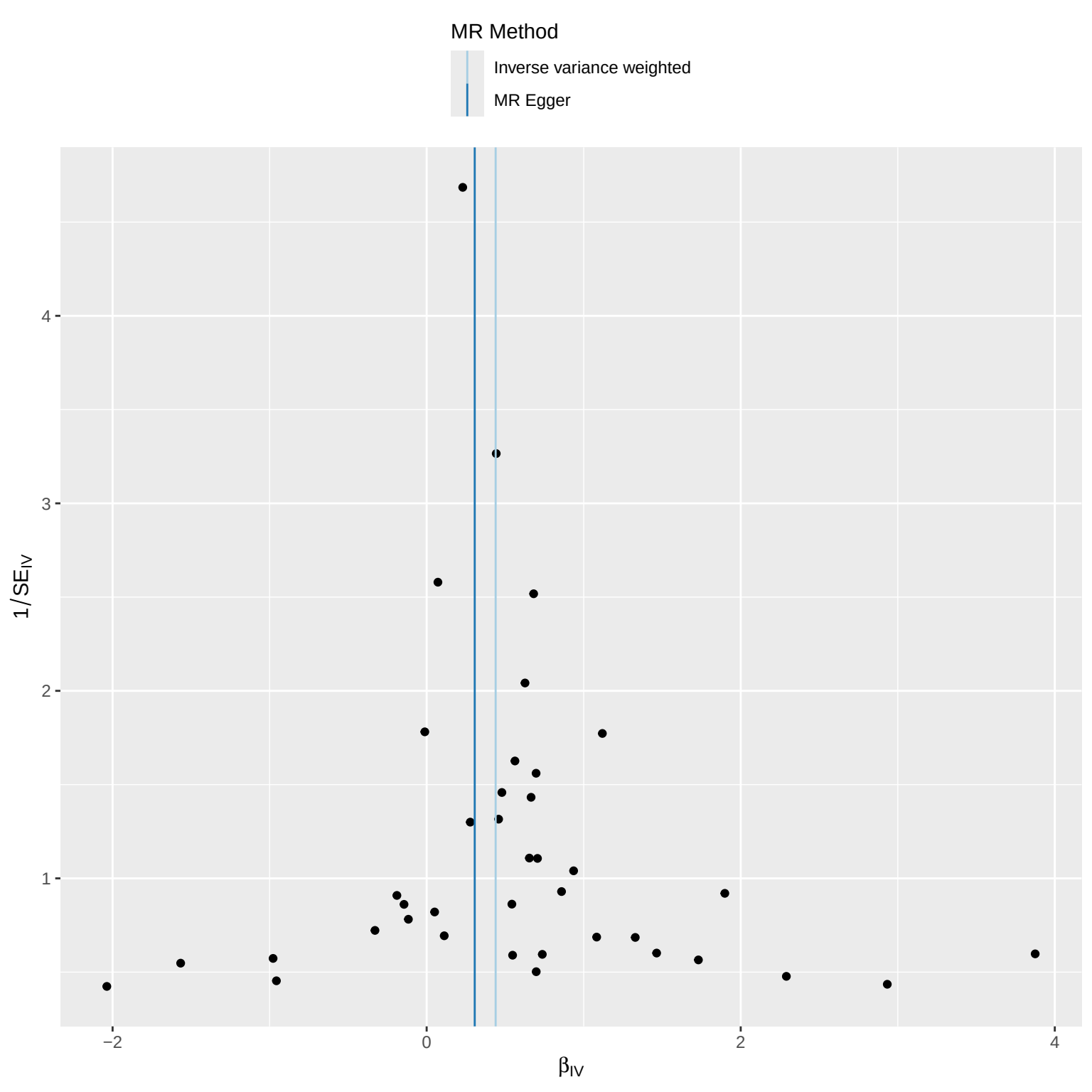

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
0
2
4
6
β_{IV}

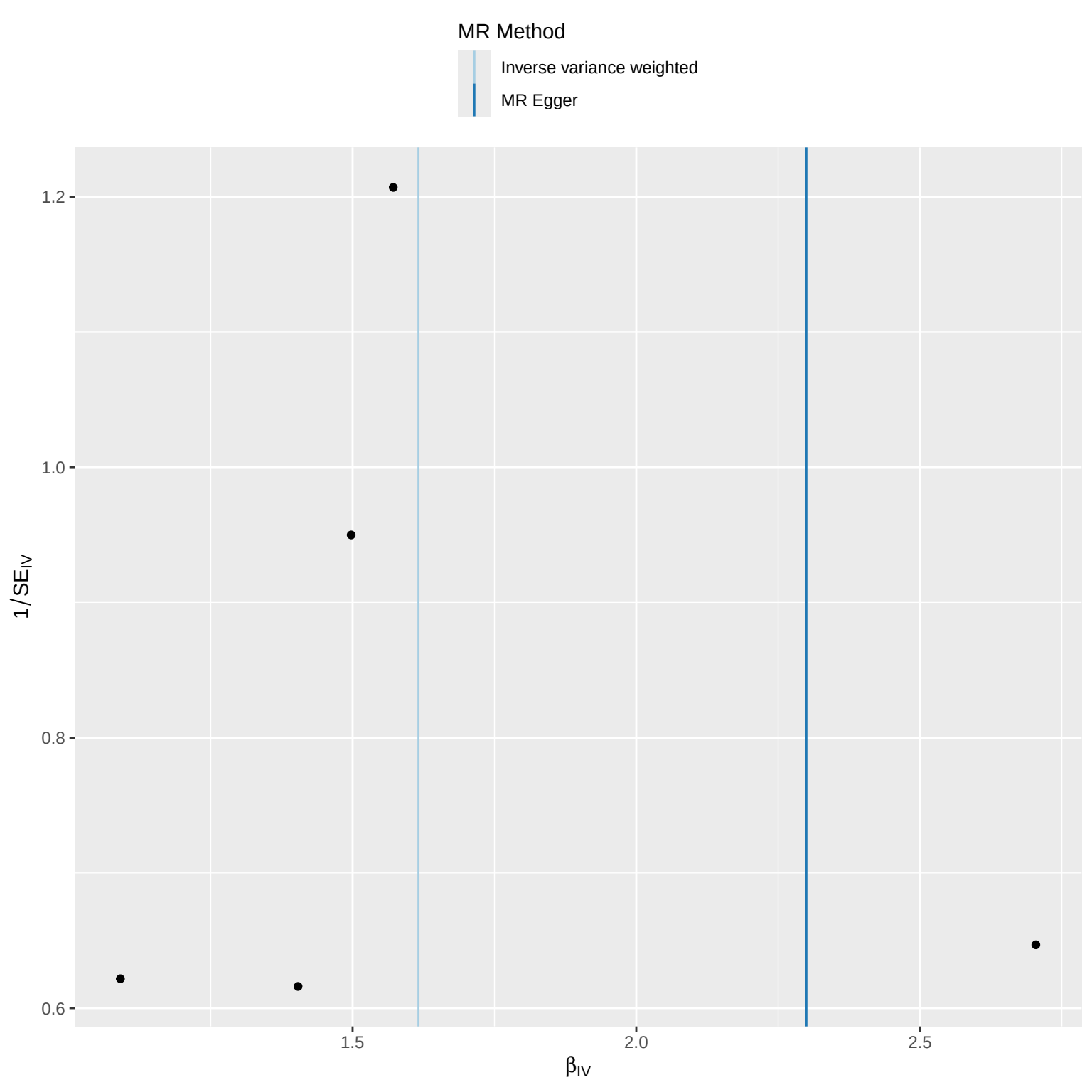

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

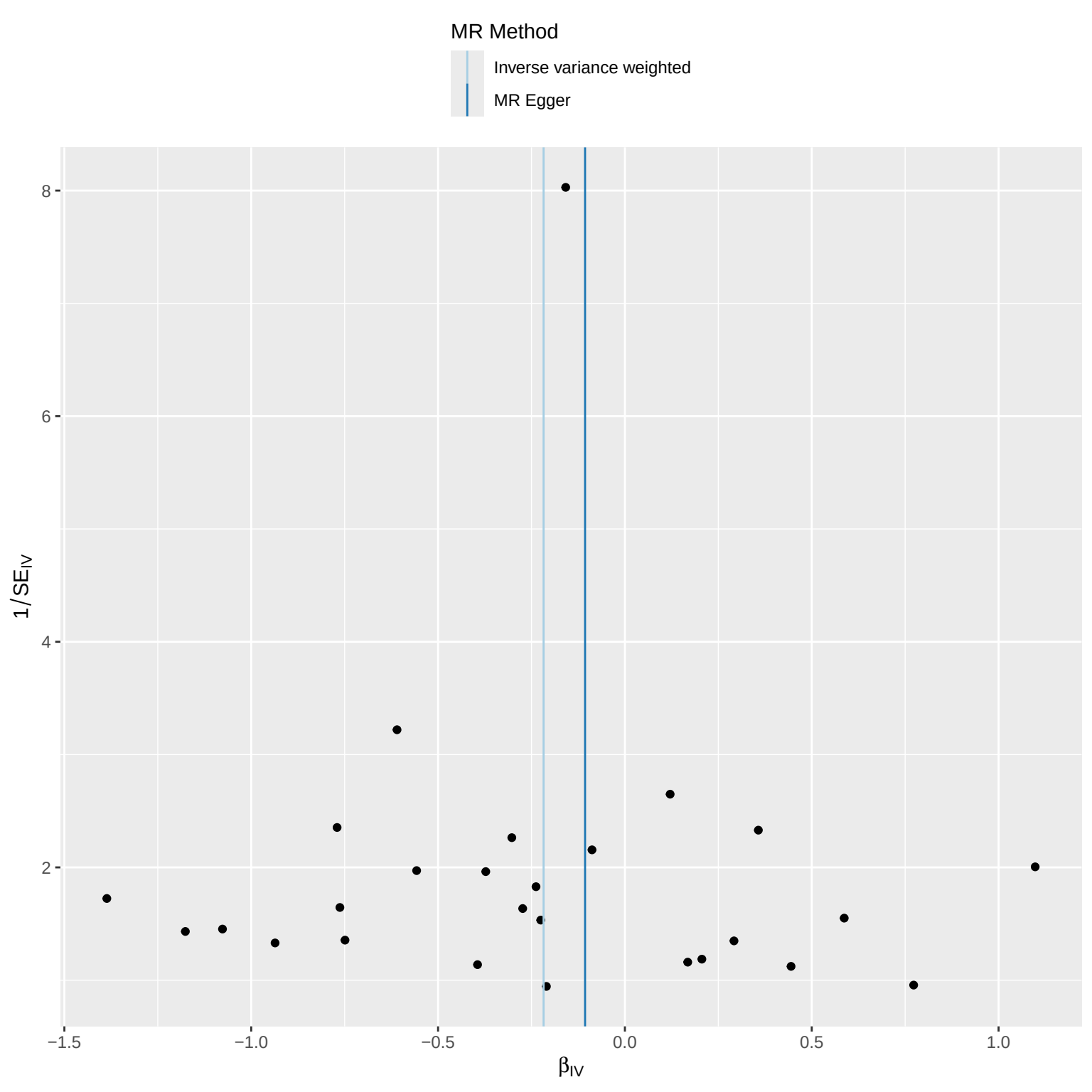

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

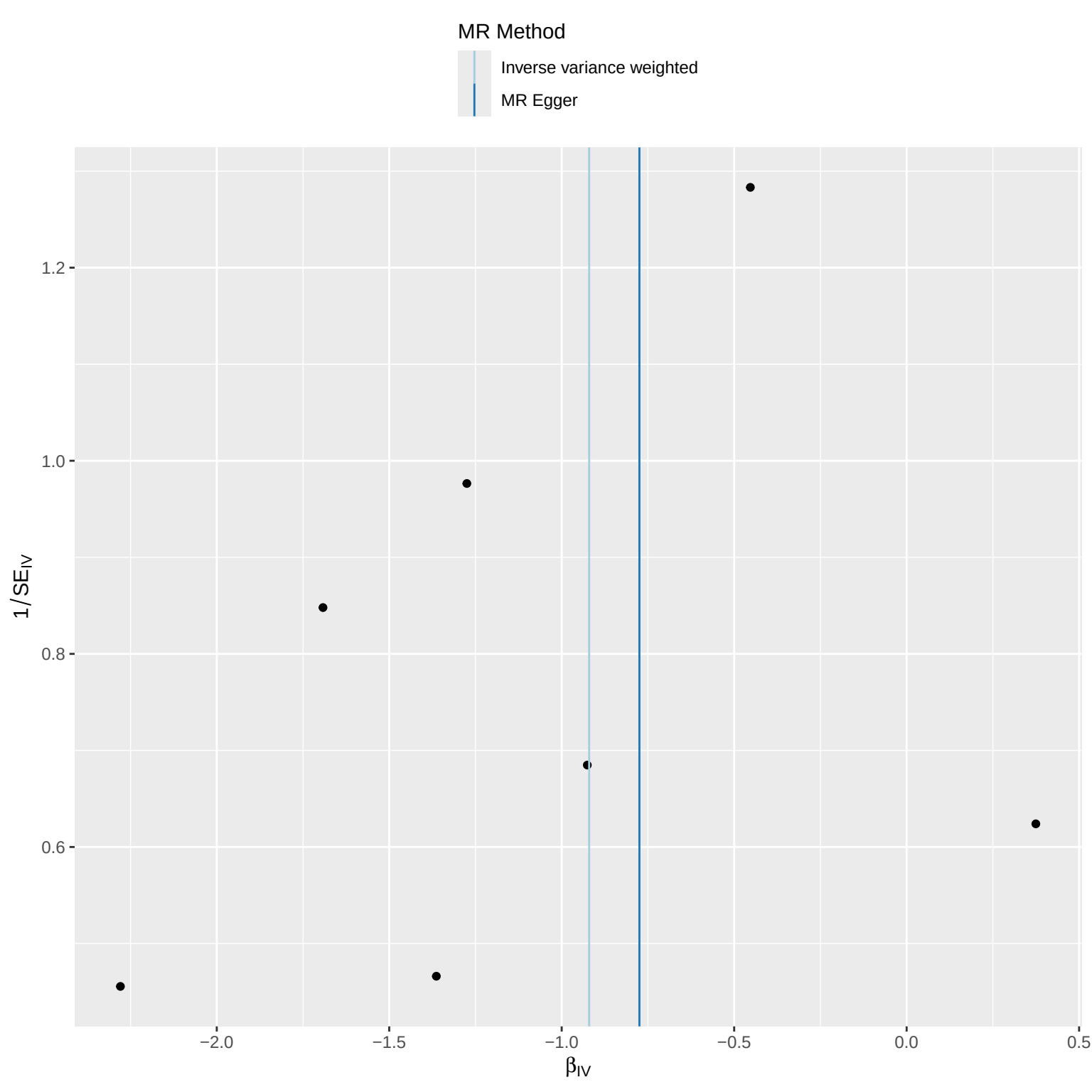

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

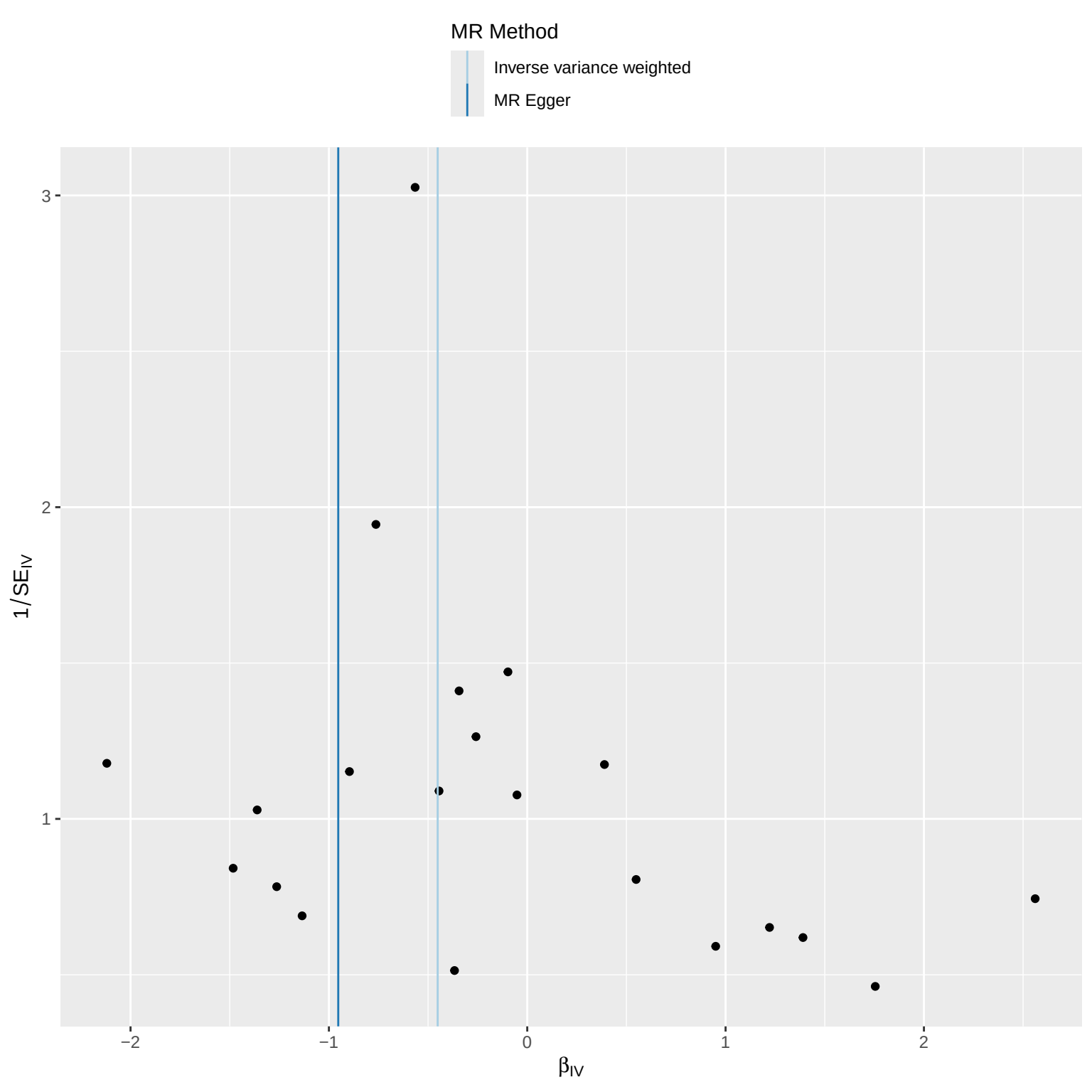

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

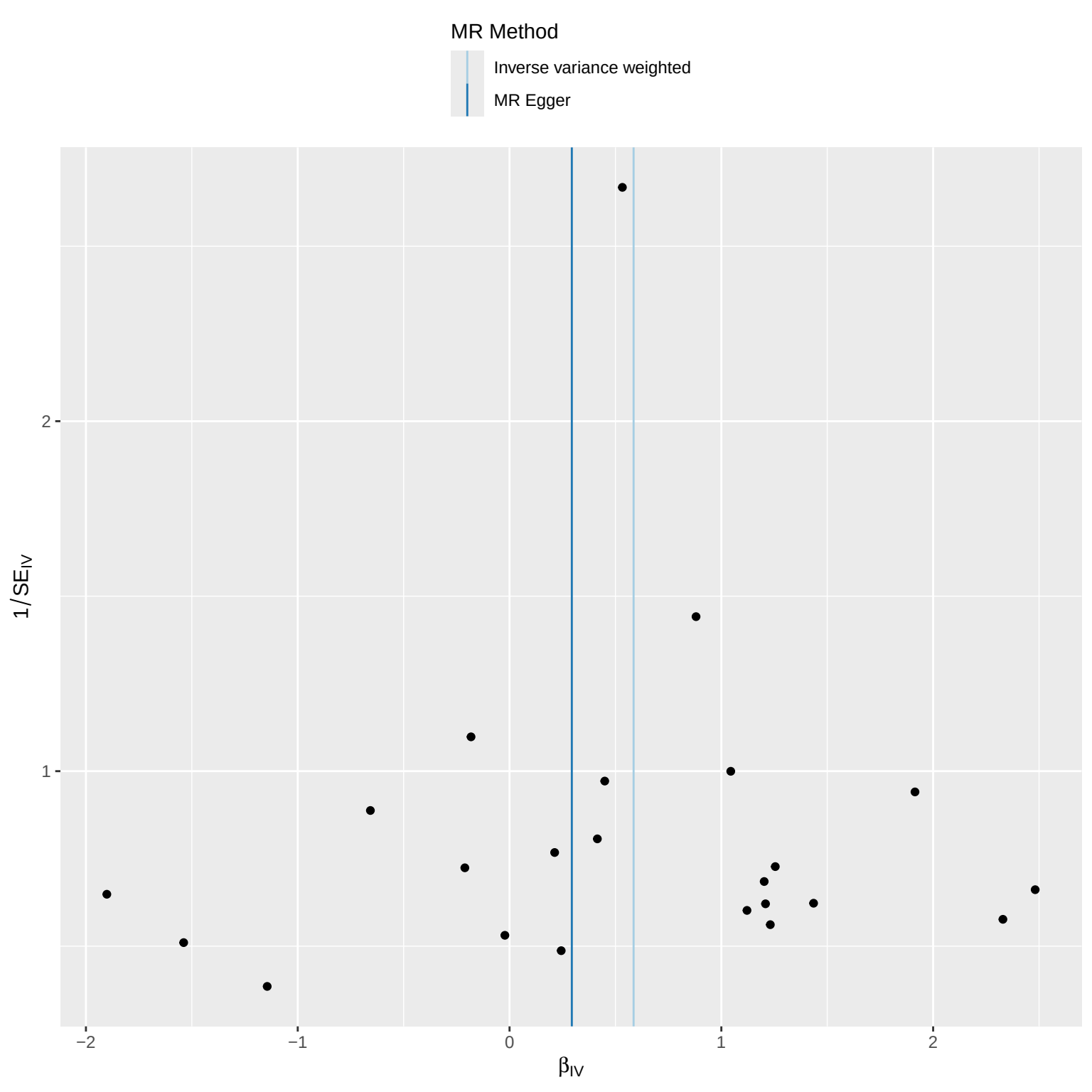

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
0
2
4

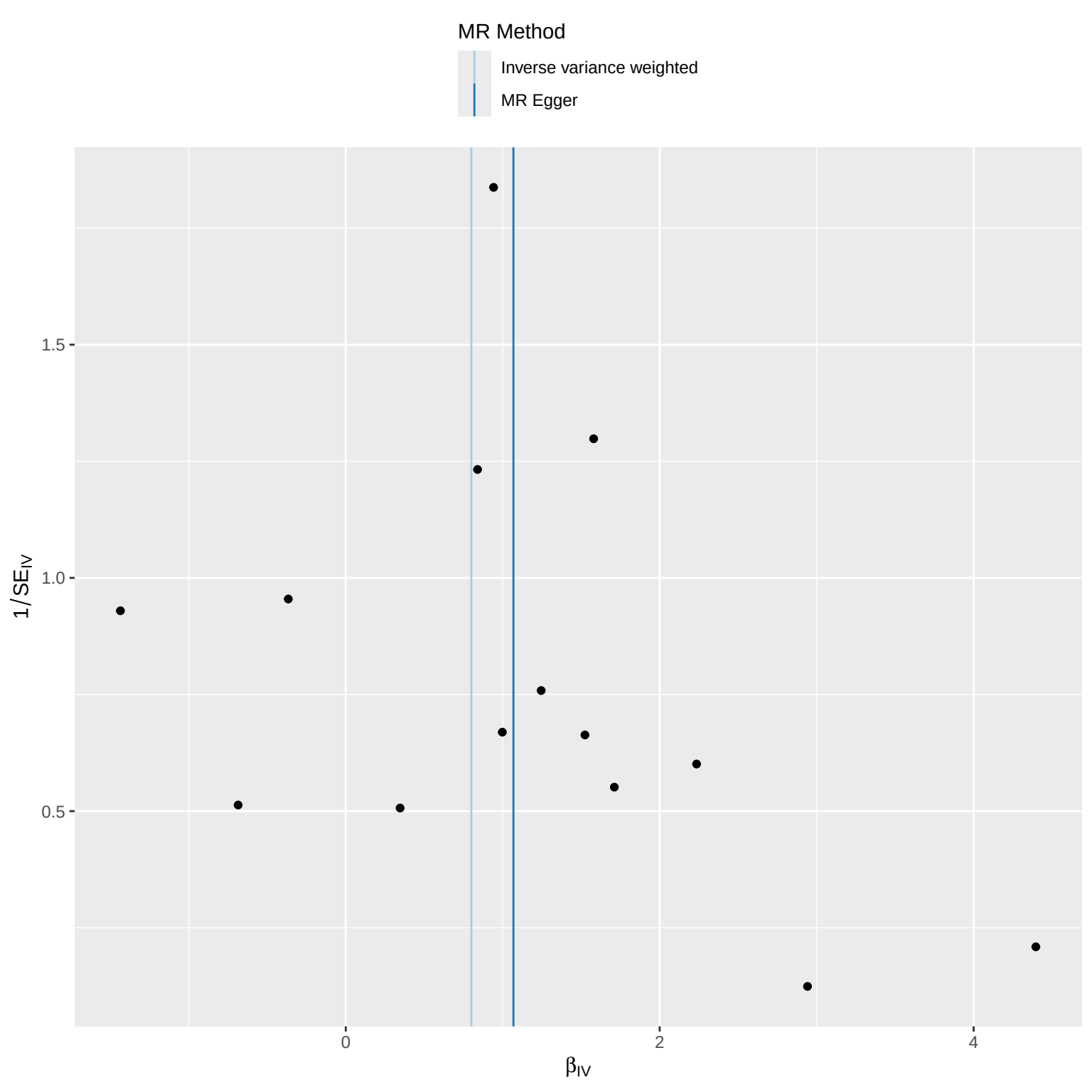

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
1.5
2.0
2.5
β_IV

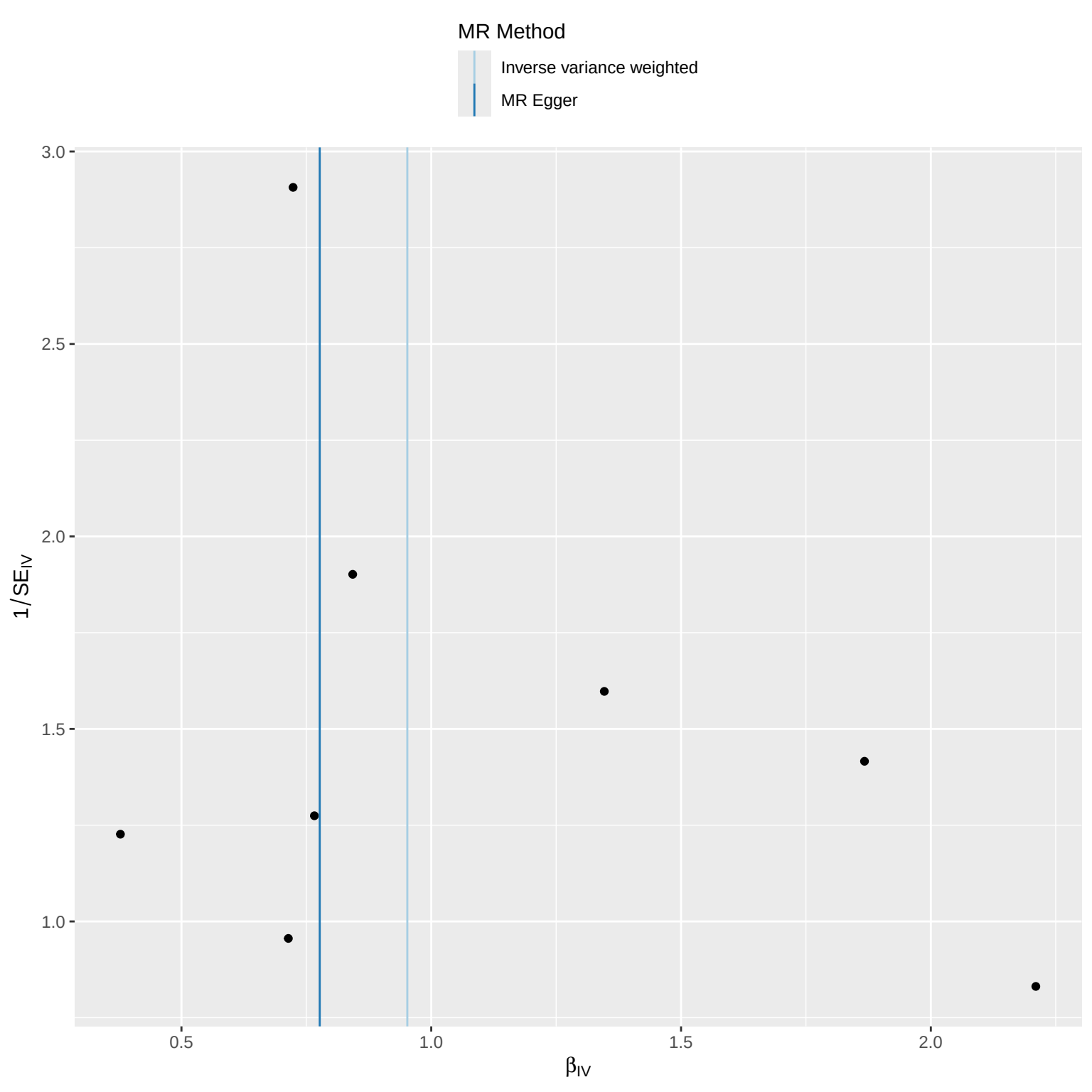

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

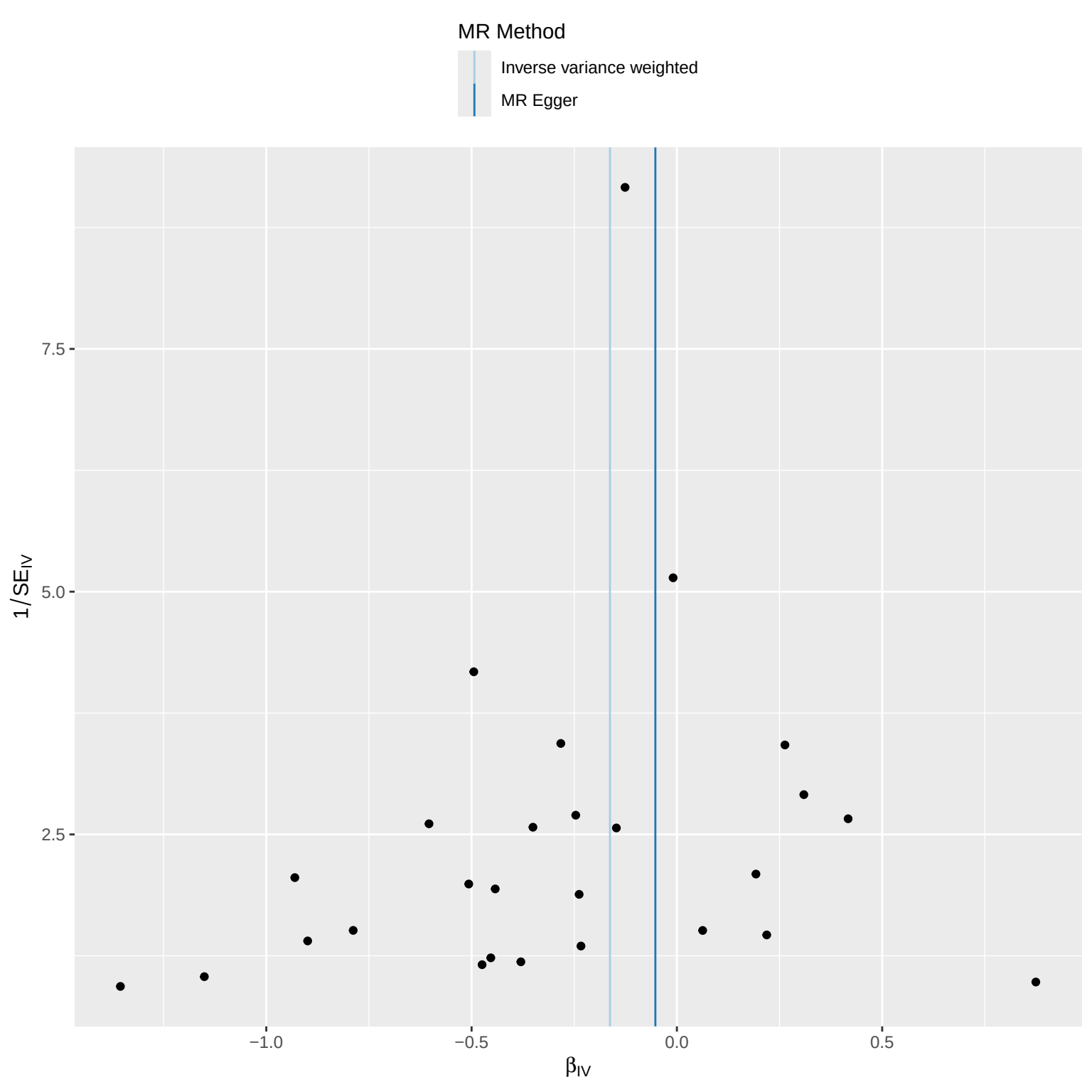

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

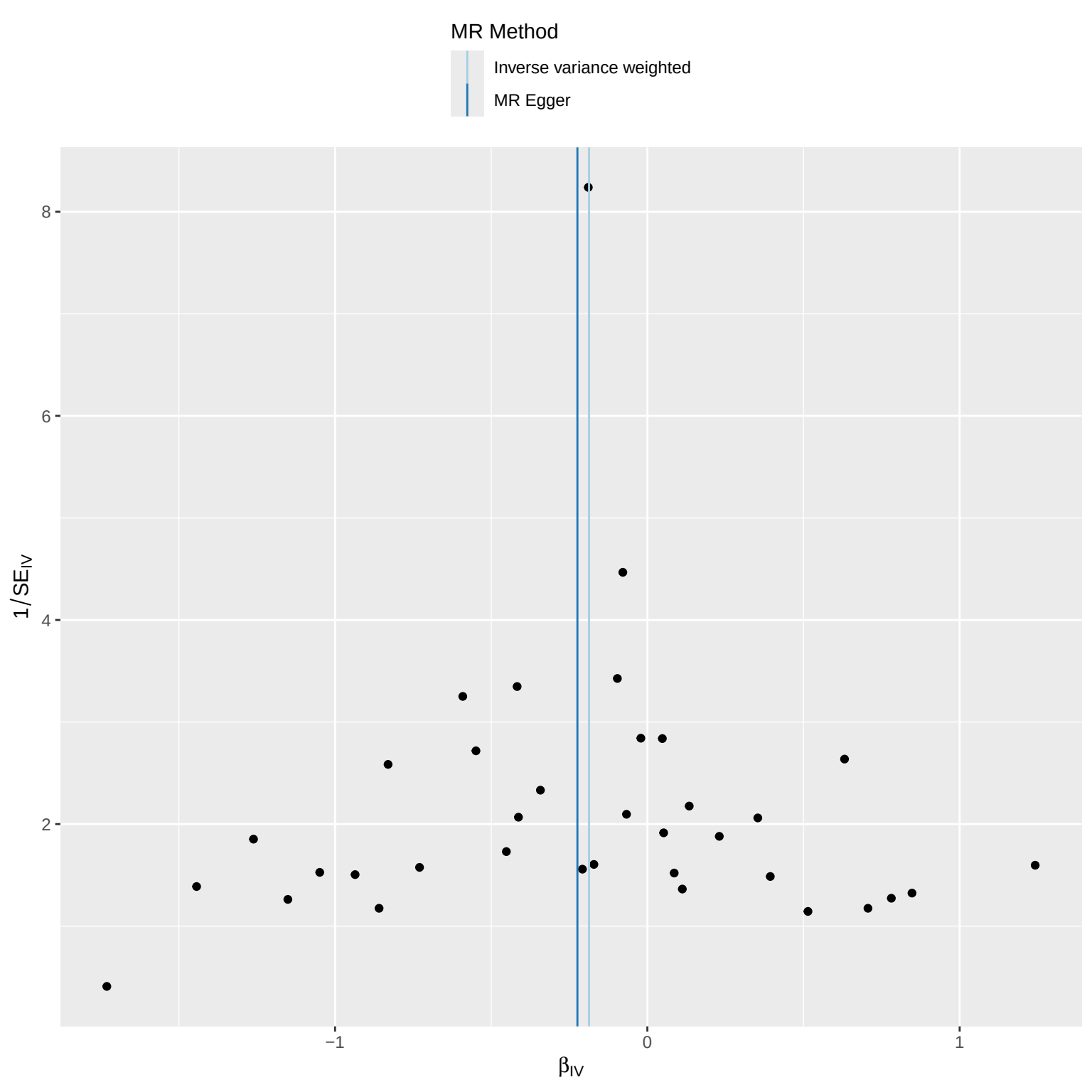

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

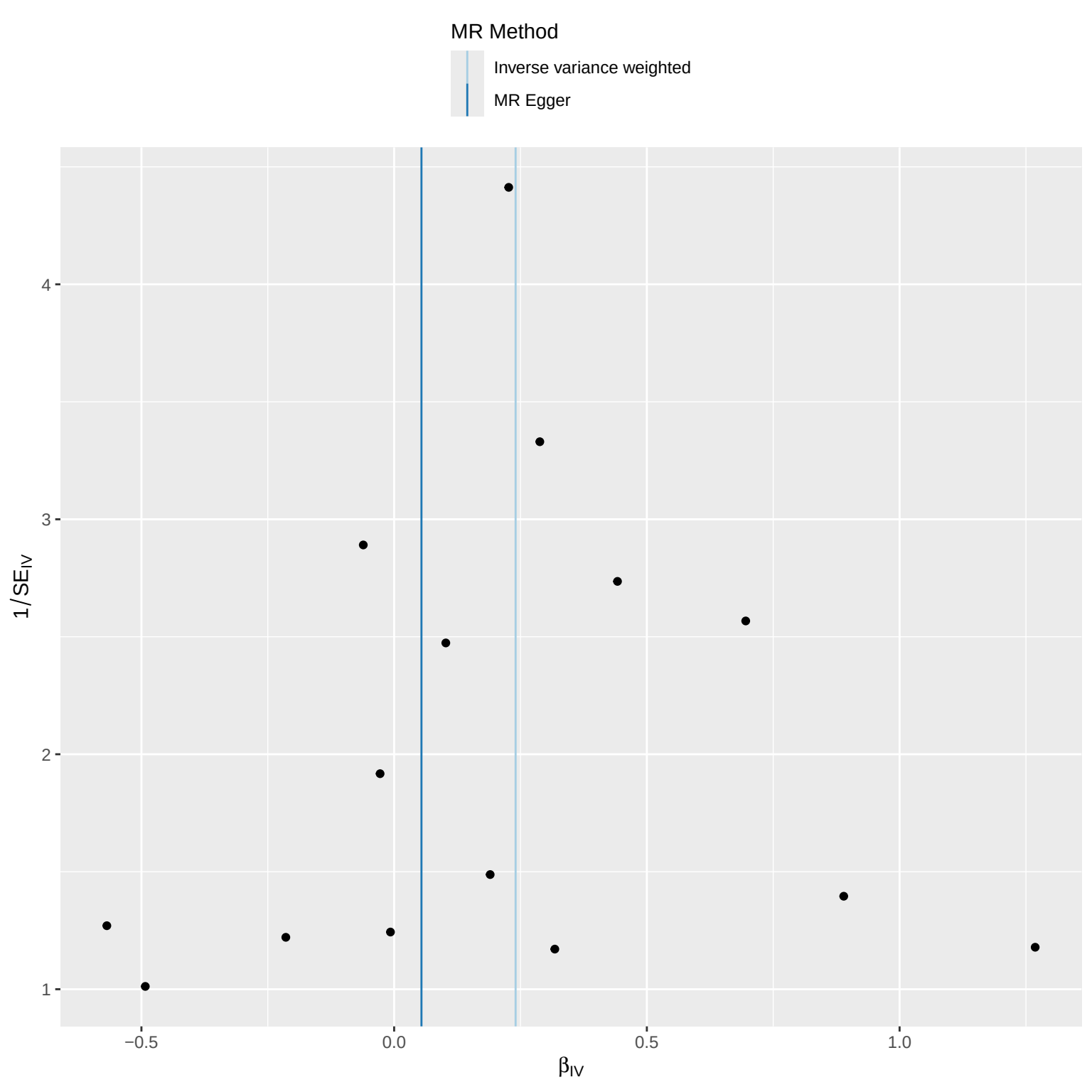

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

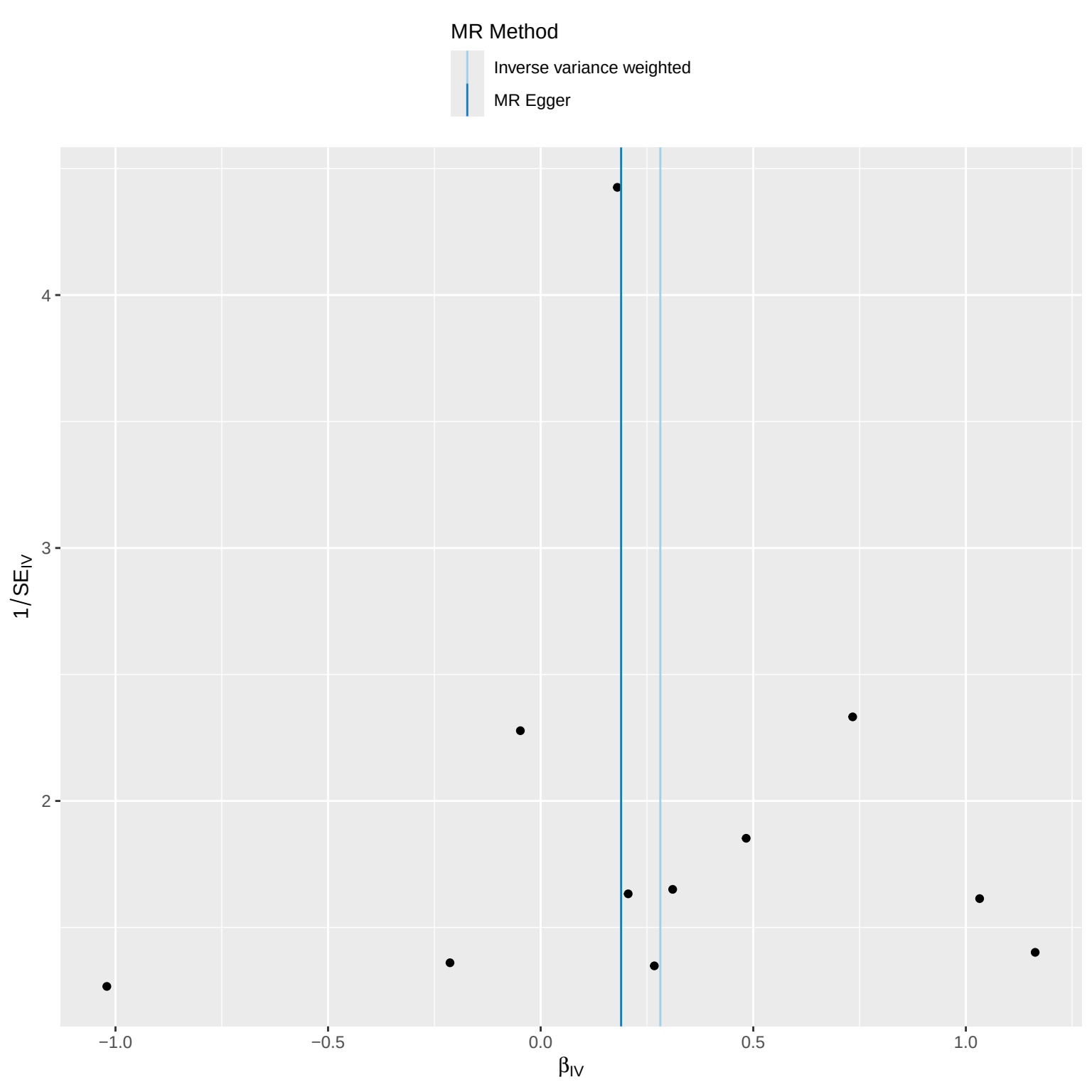

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

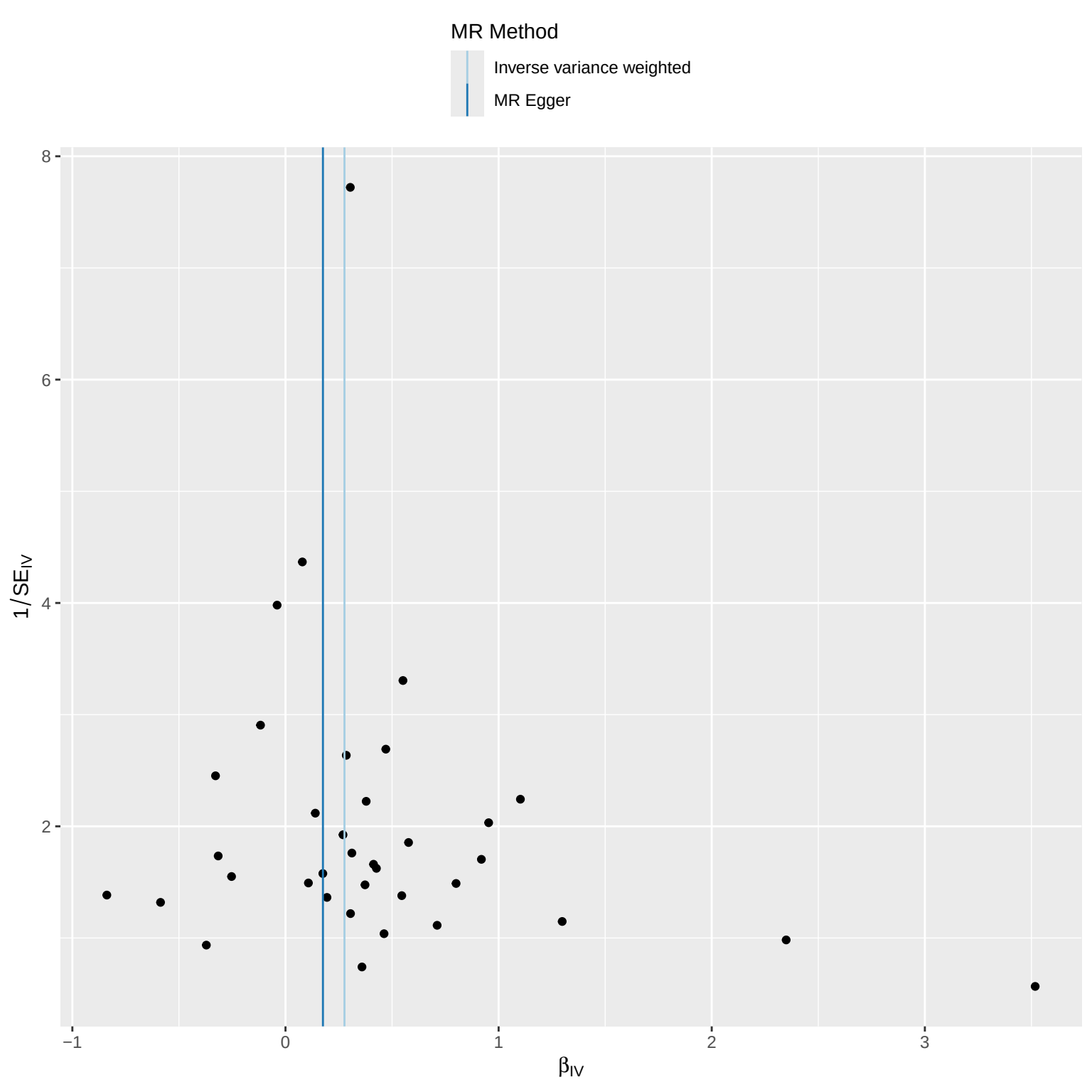

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

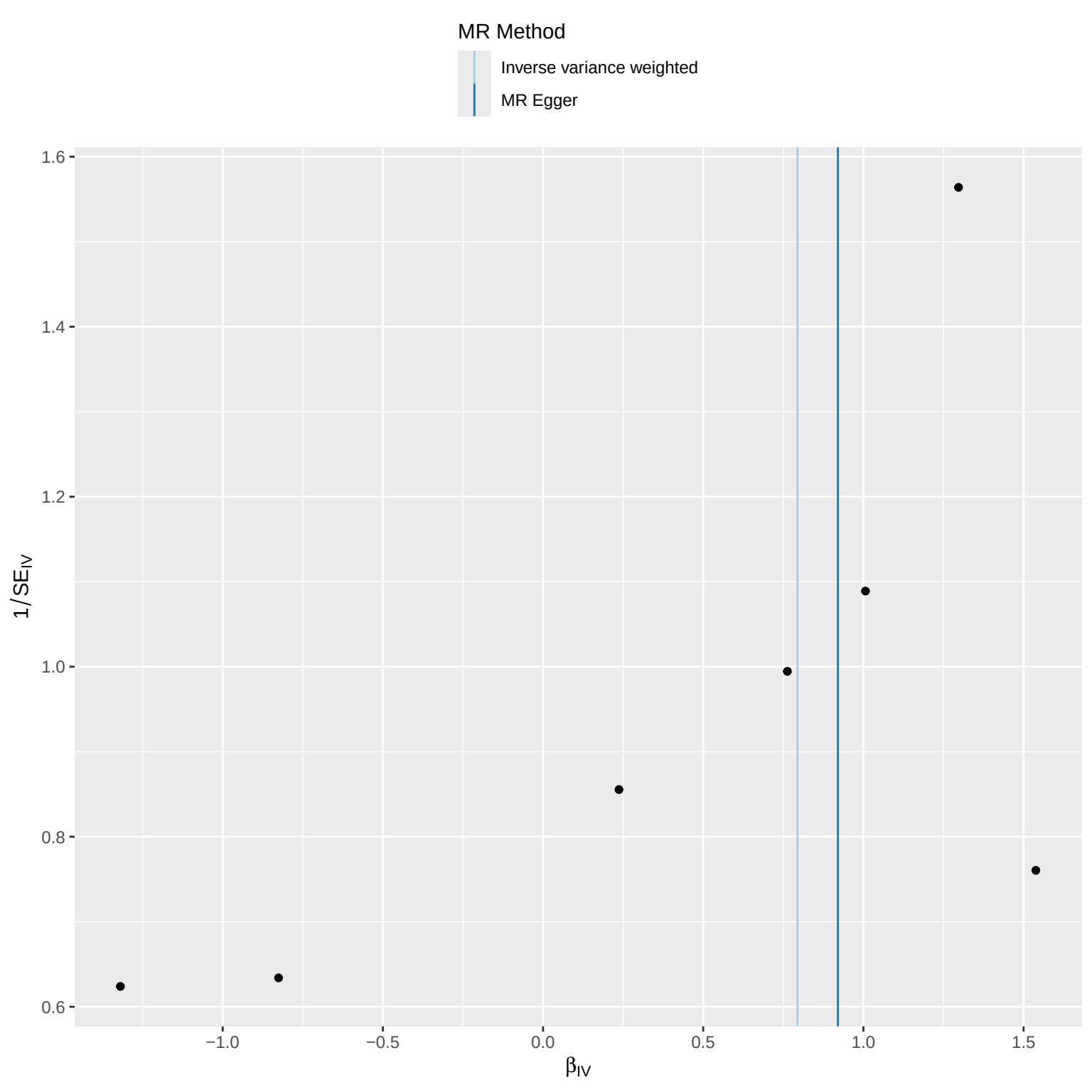

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

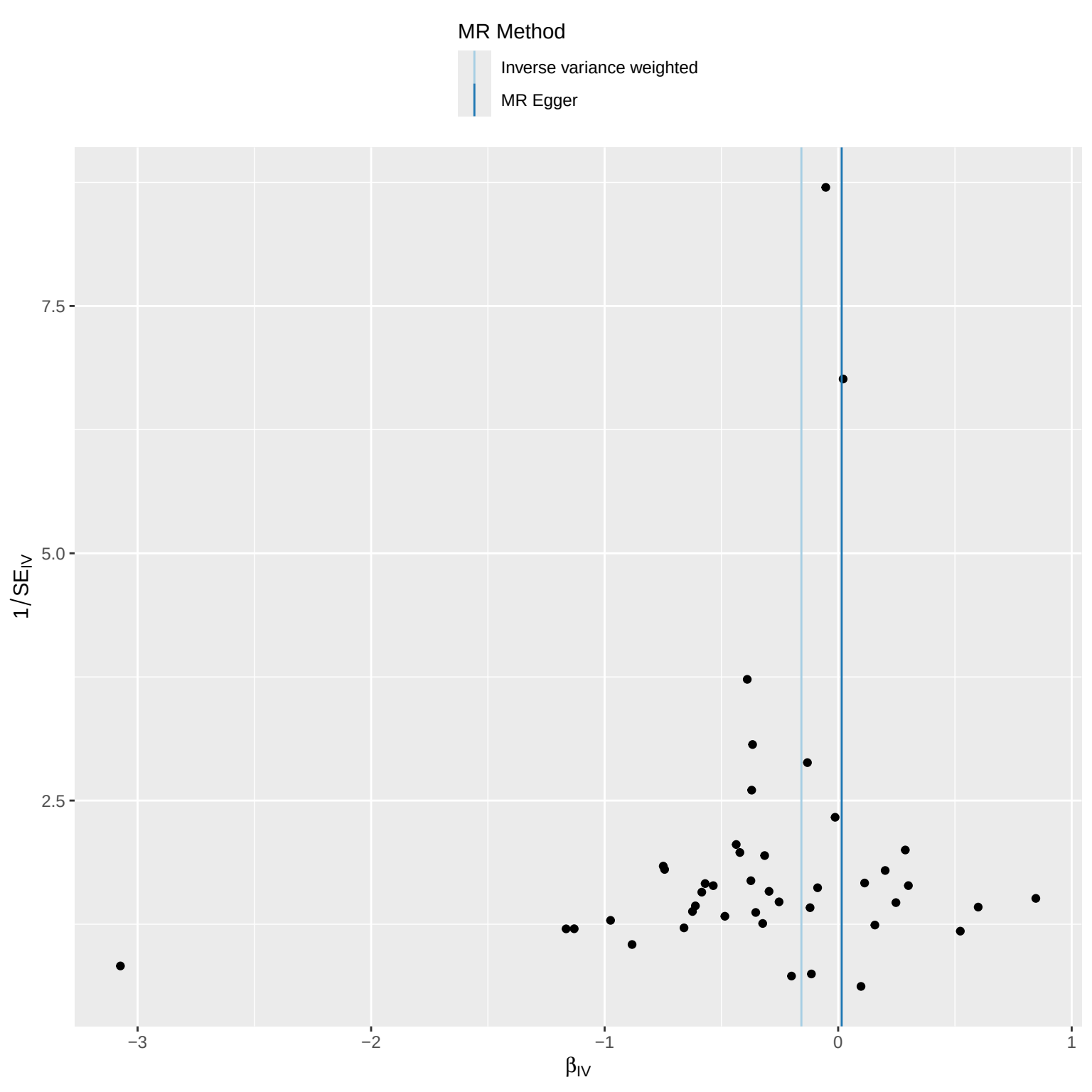

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

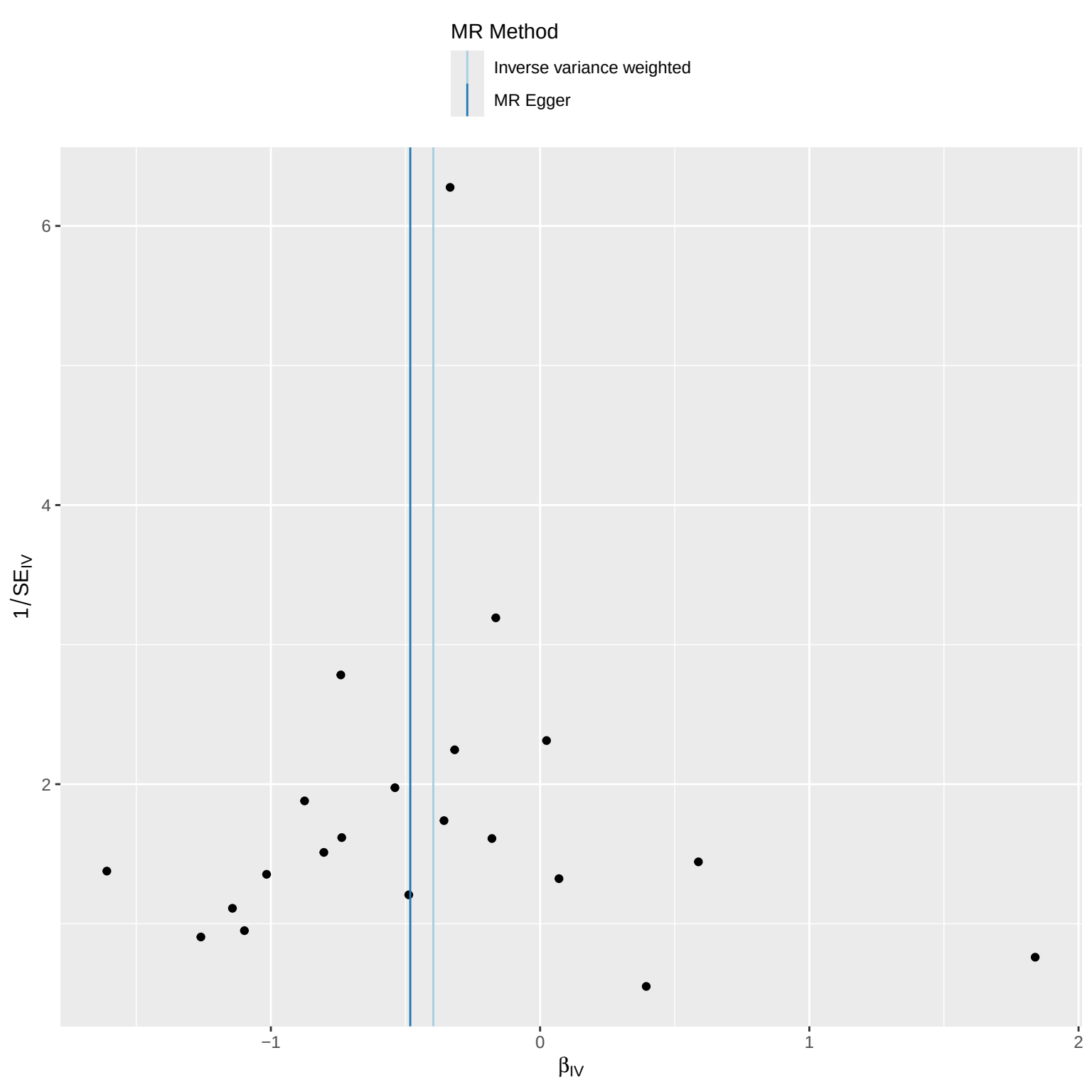

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

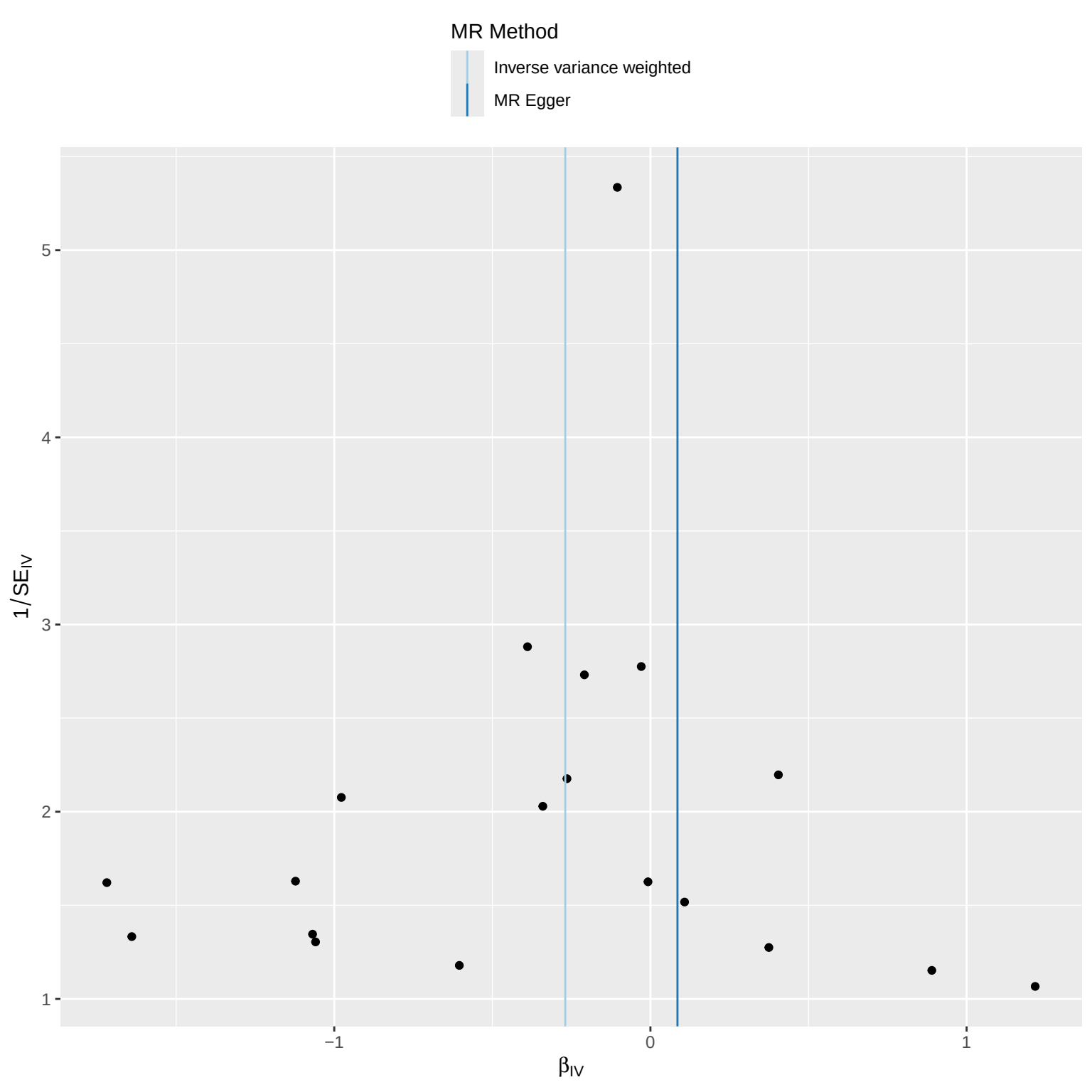

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

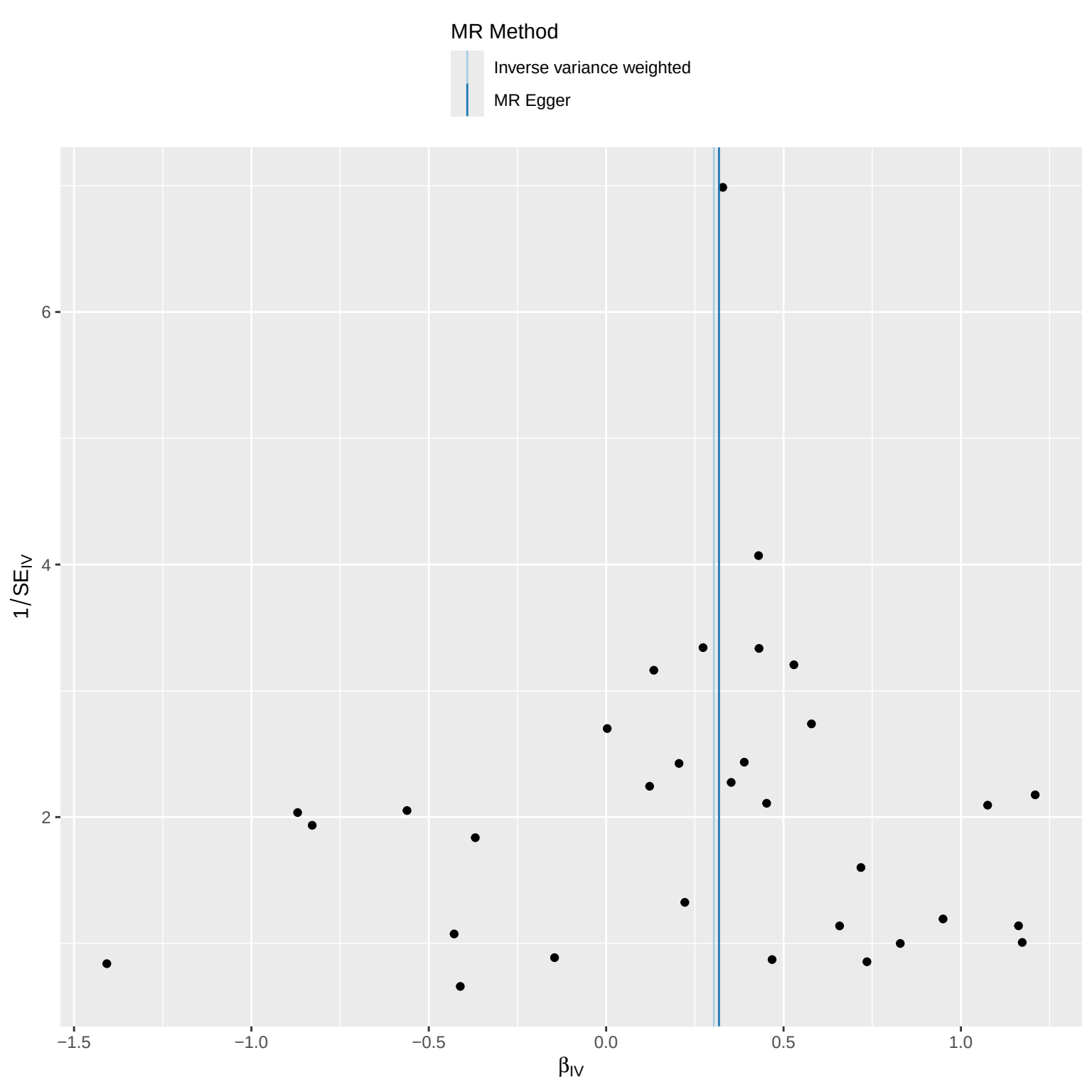

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
3
β_IV

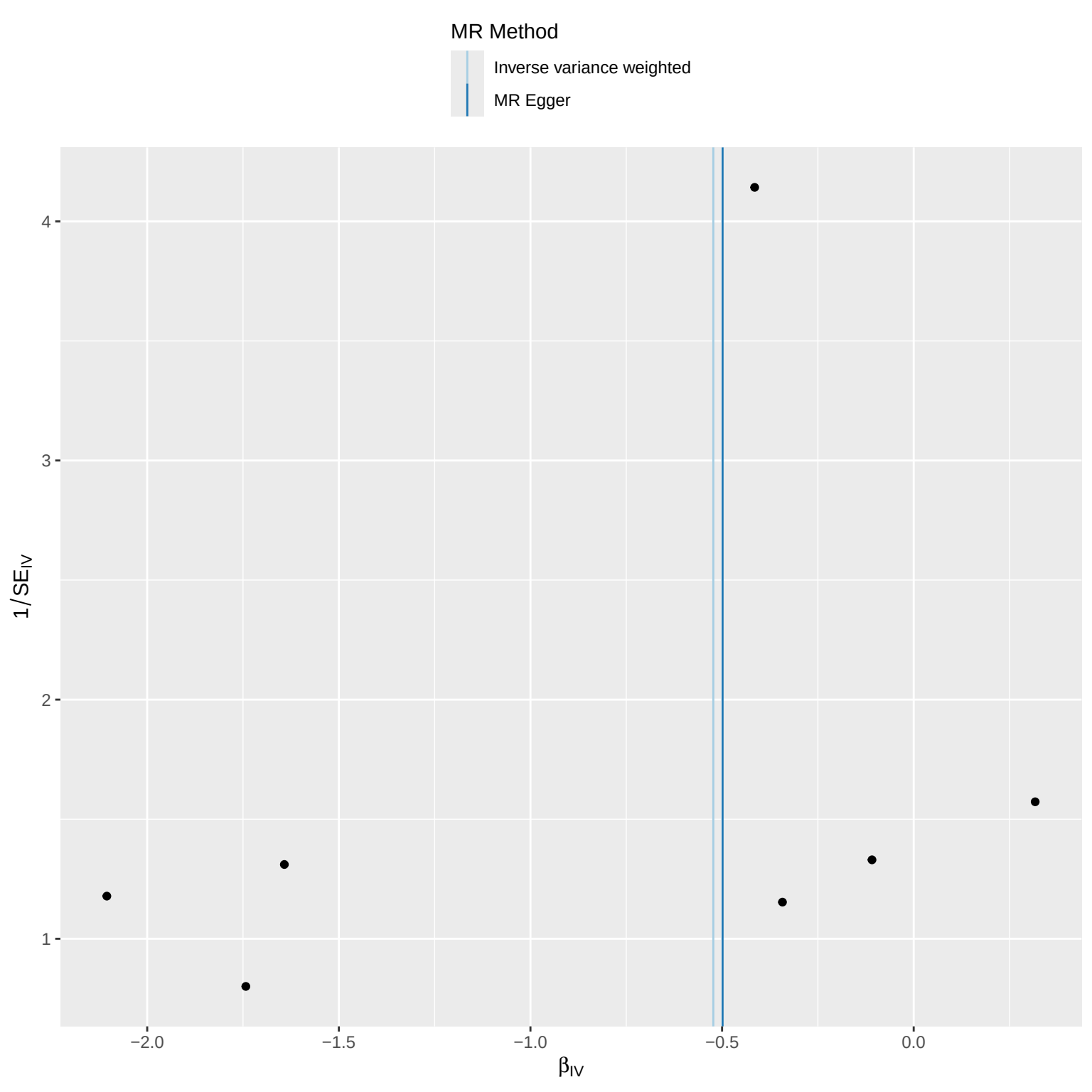

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

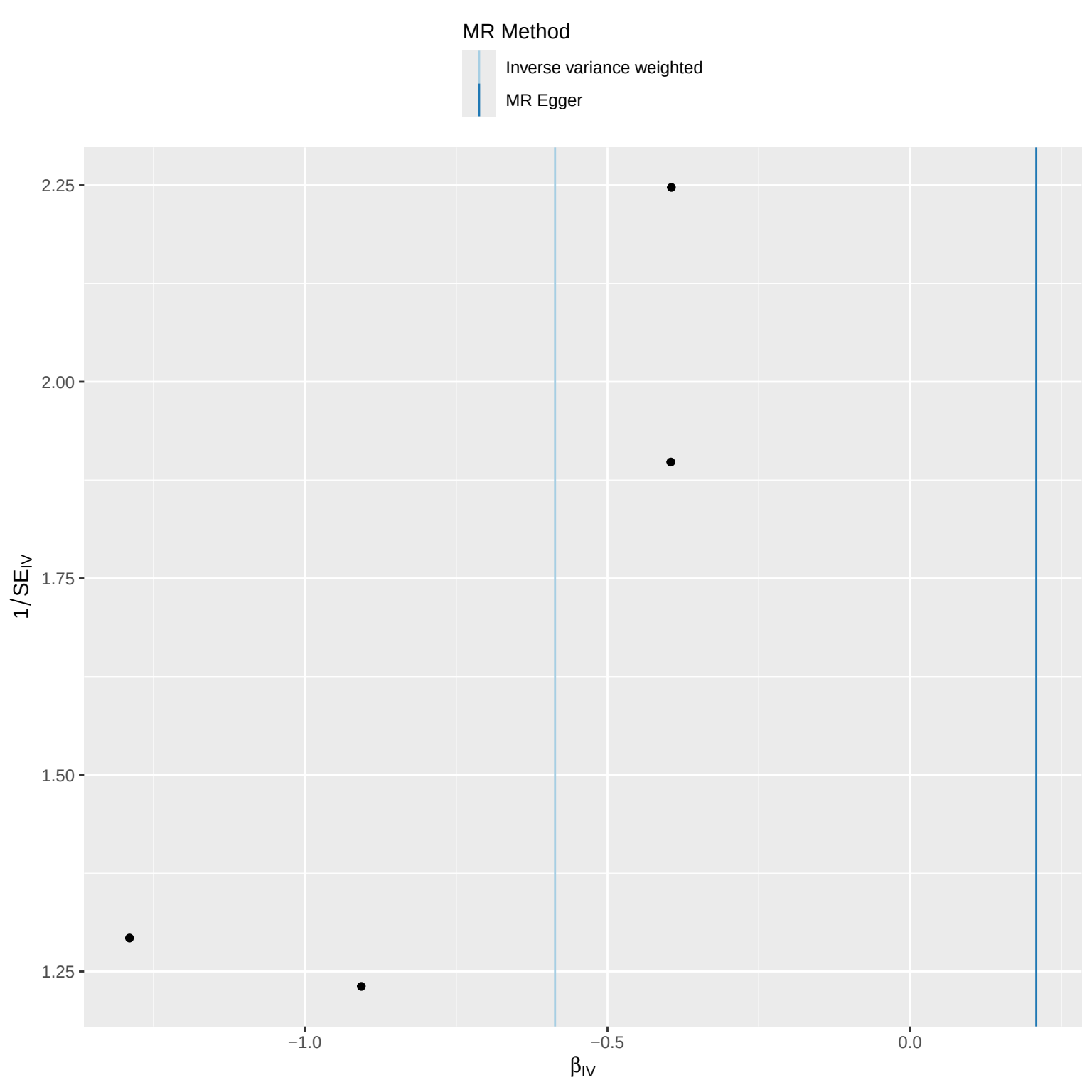

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−3
−2
−1
0
1
β_IV

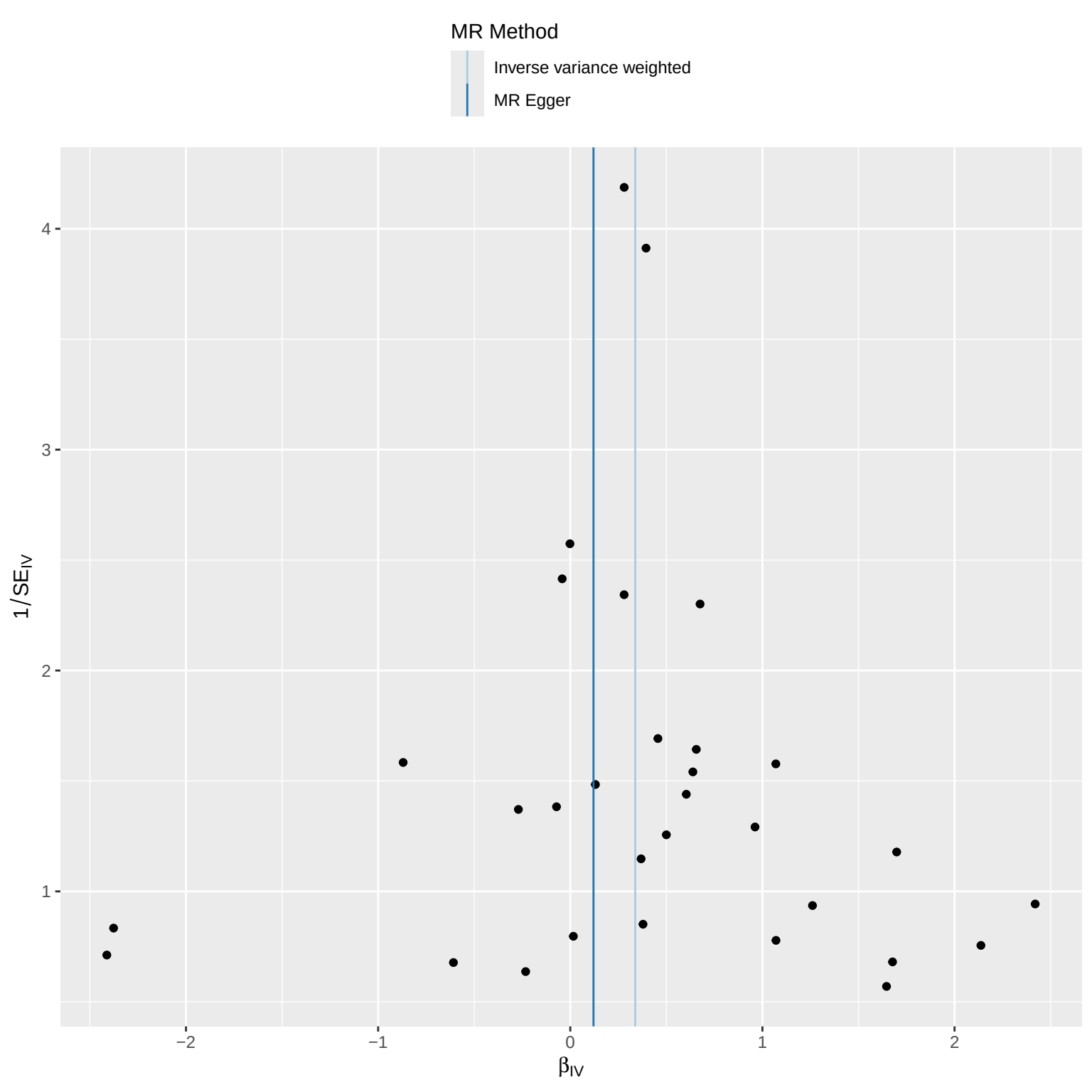

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

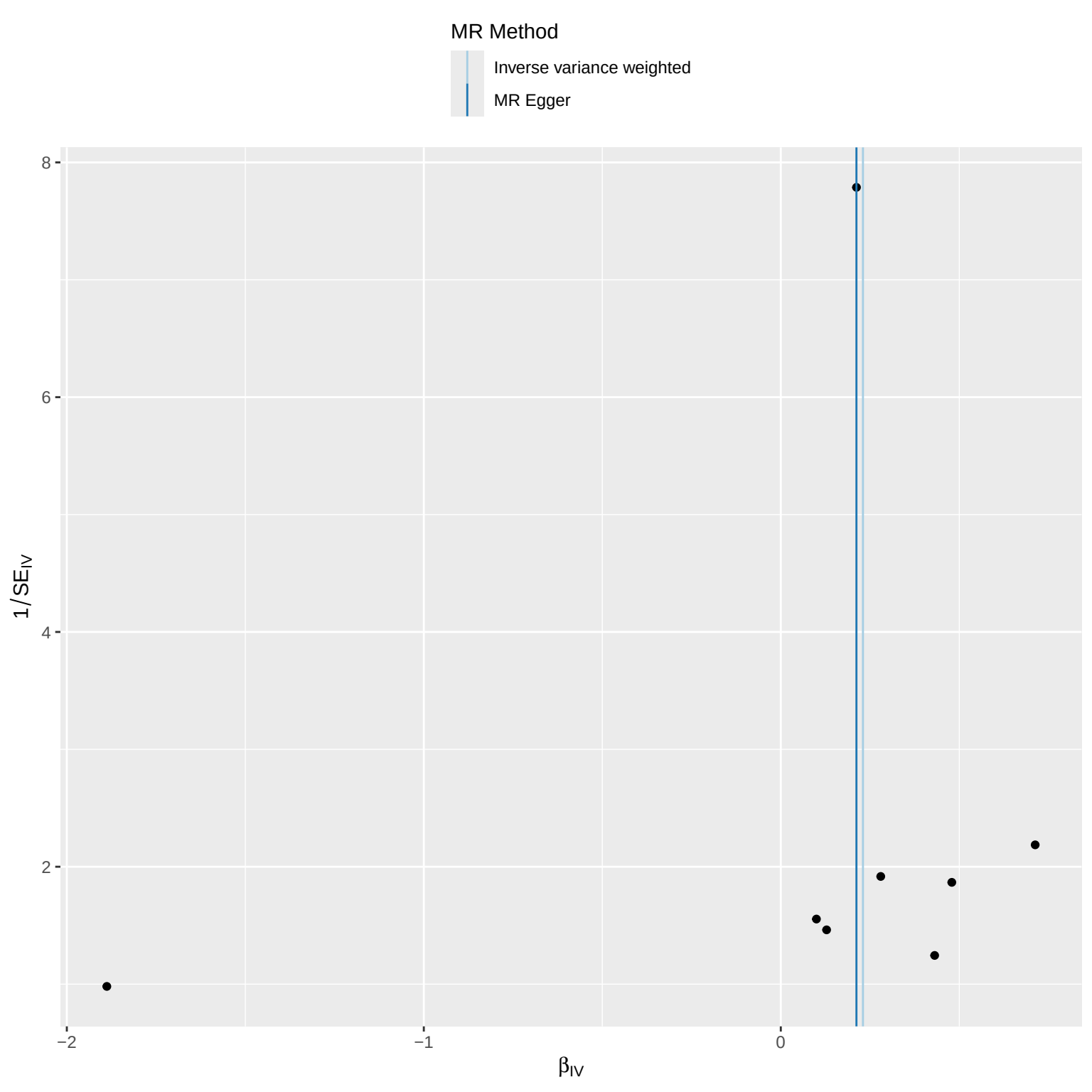

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

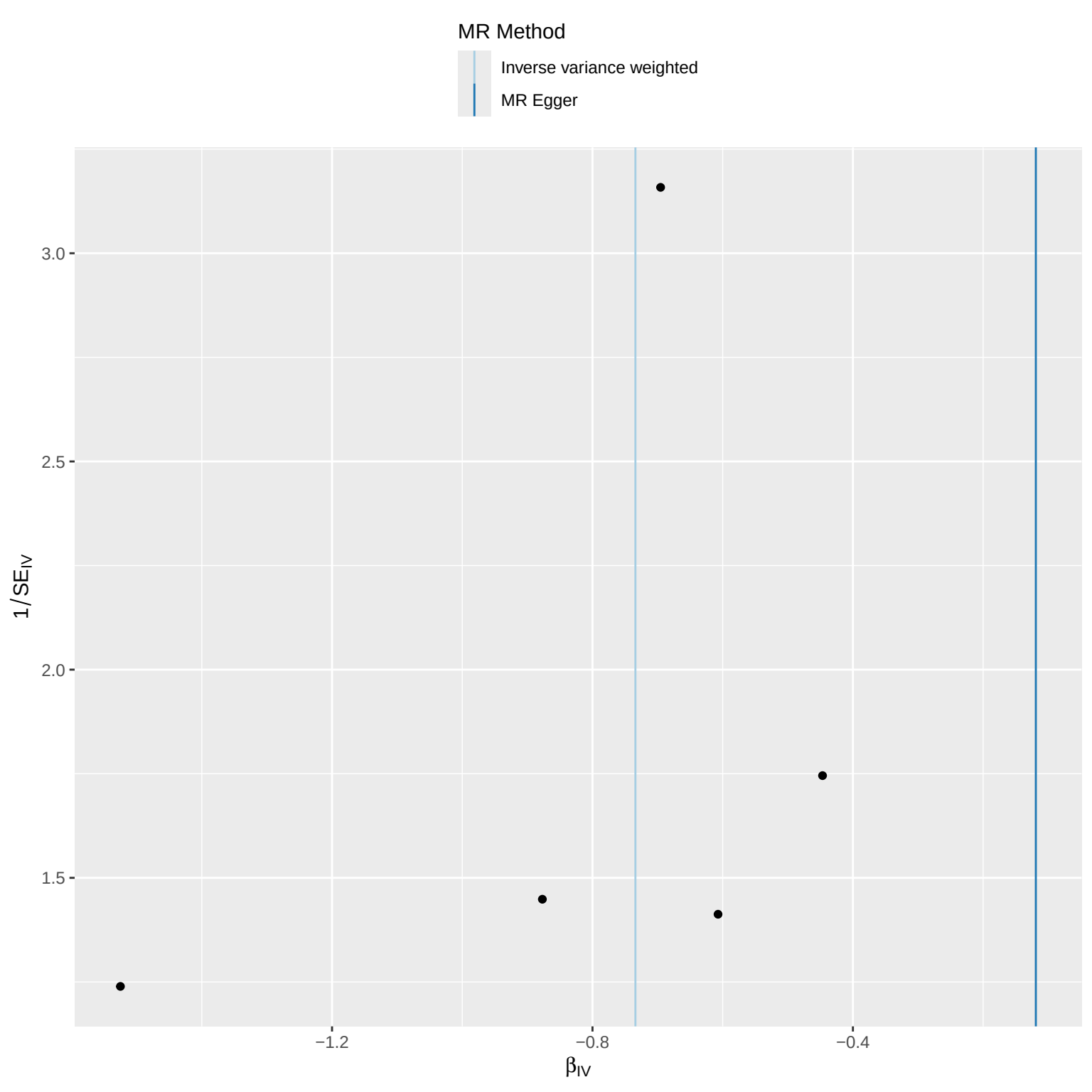

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

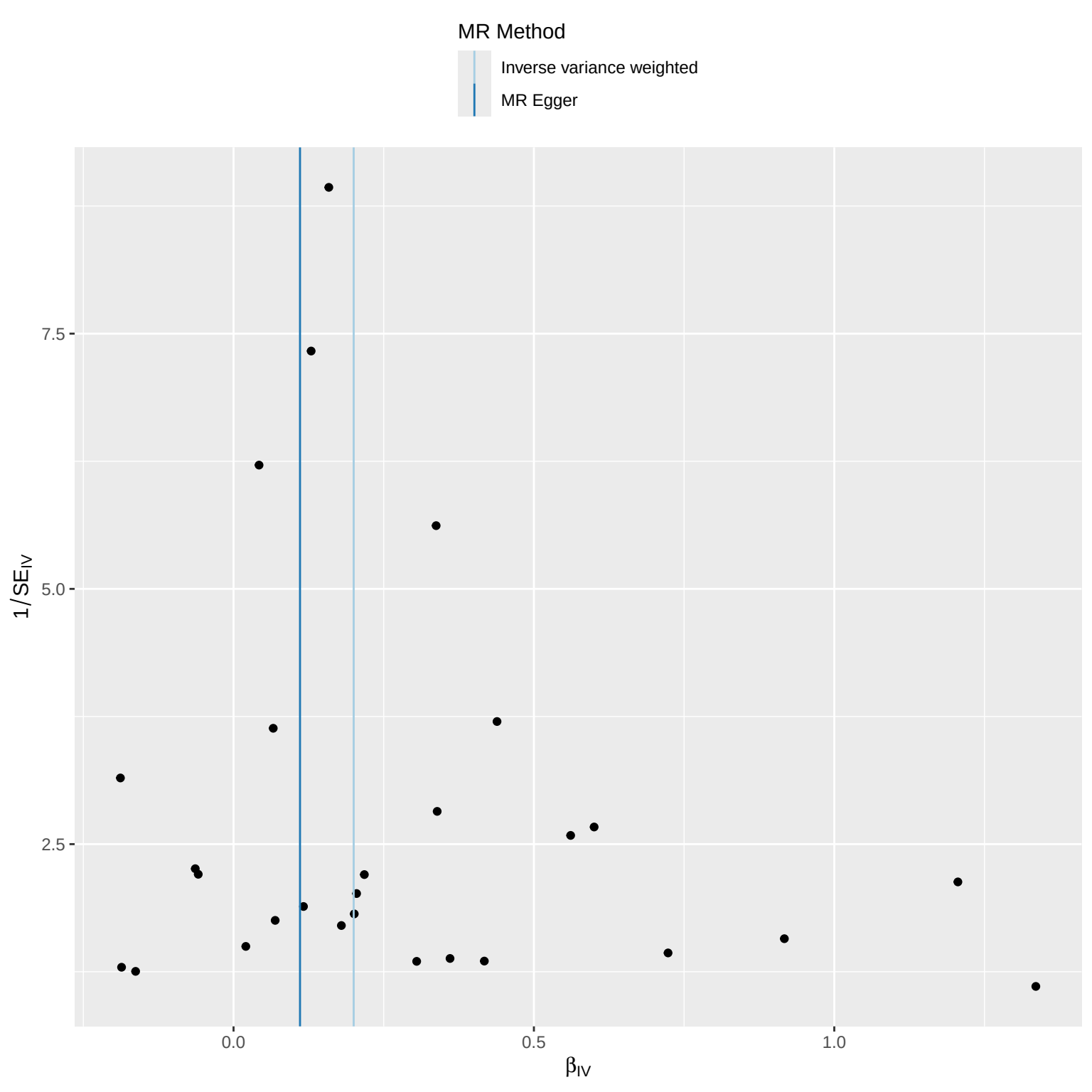

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

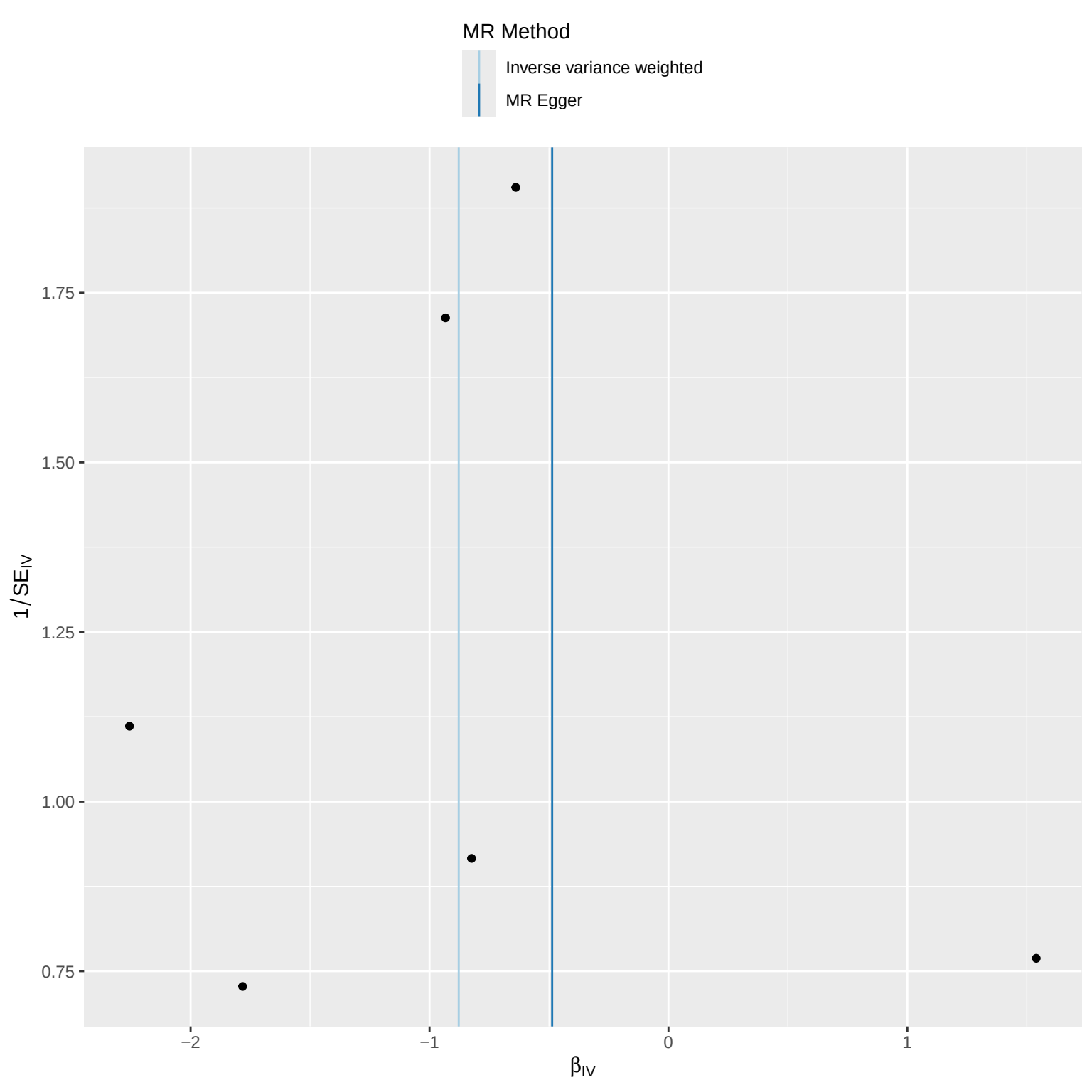

MR Method
Inverse variance weighted
MR Egger
2.25
2.00
1.75
1.50
1.25
1/SE_IV
−1.0
−0.5
0.0
β_IV

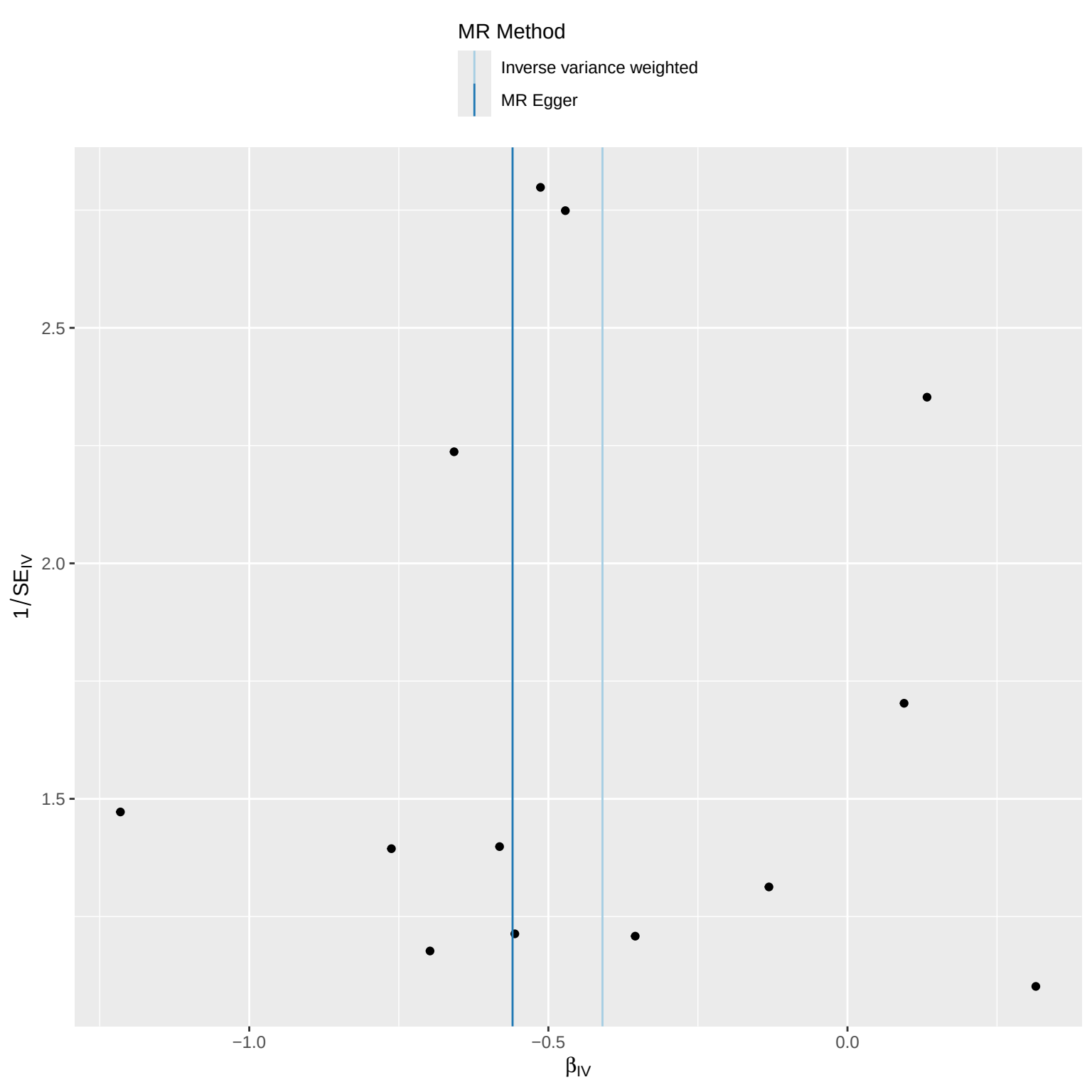

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

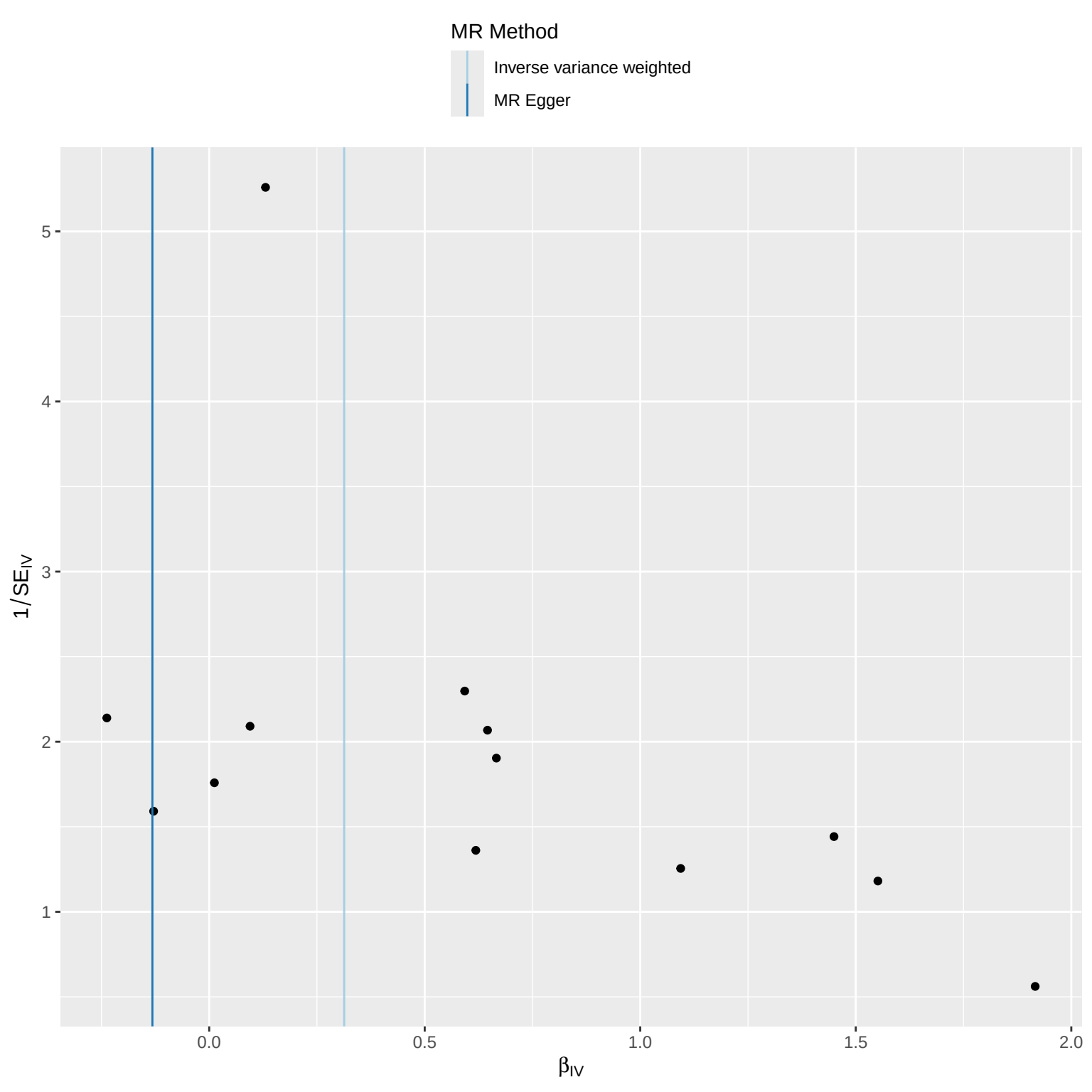

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
β_IV

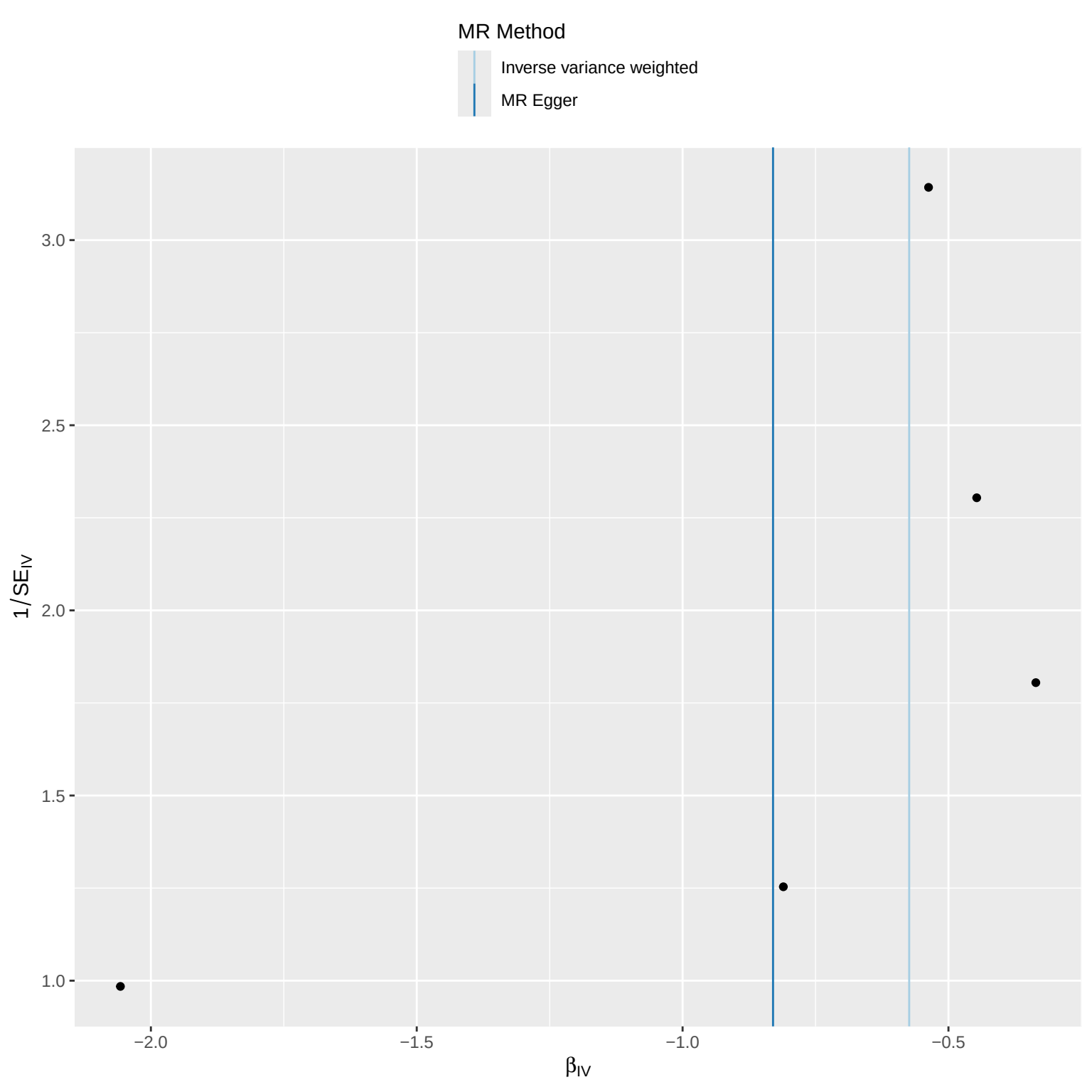

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.2
−0.8
−0.4
β_IV

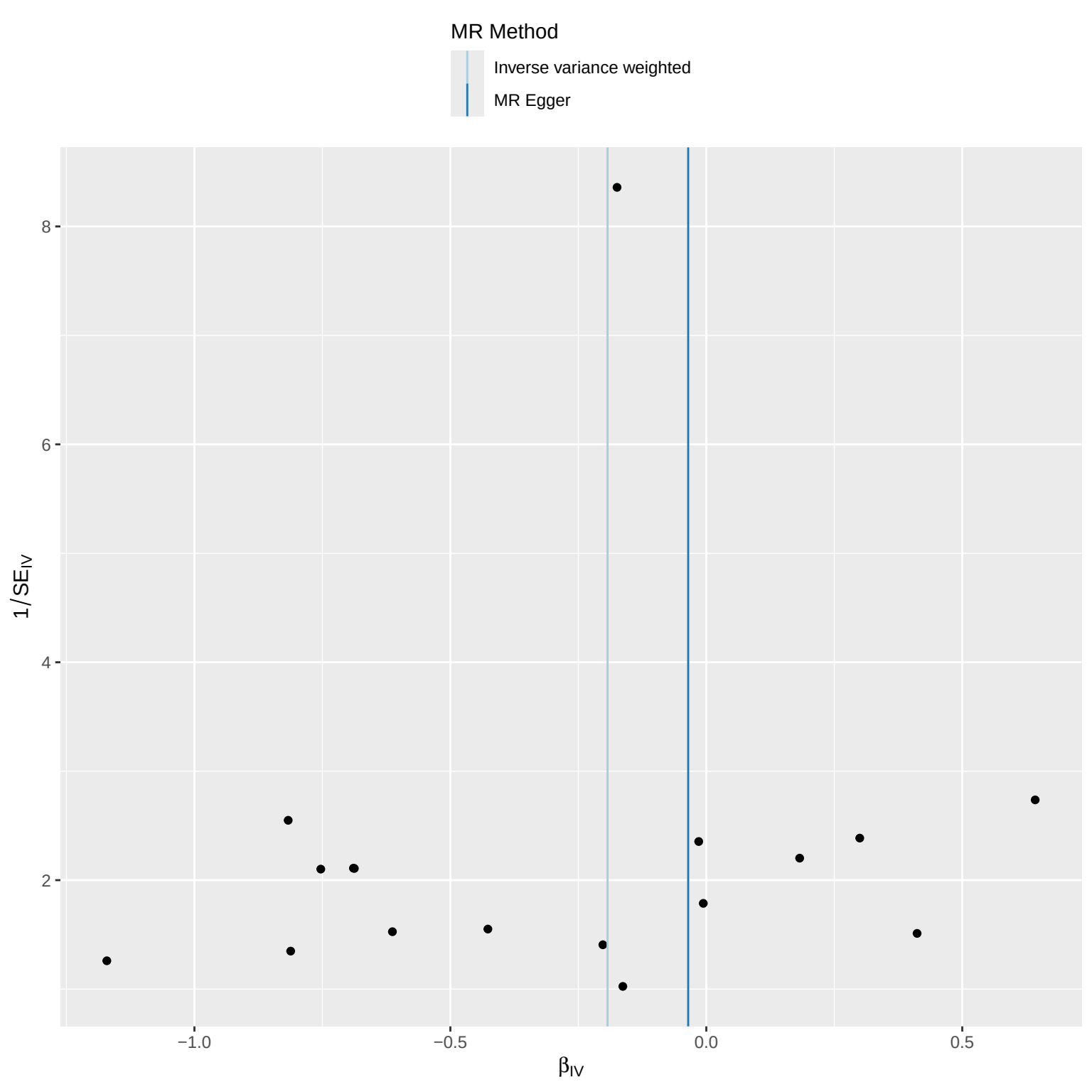

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
0.0
0.5
1.0
β_IV

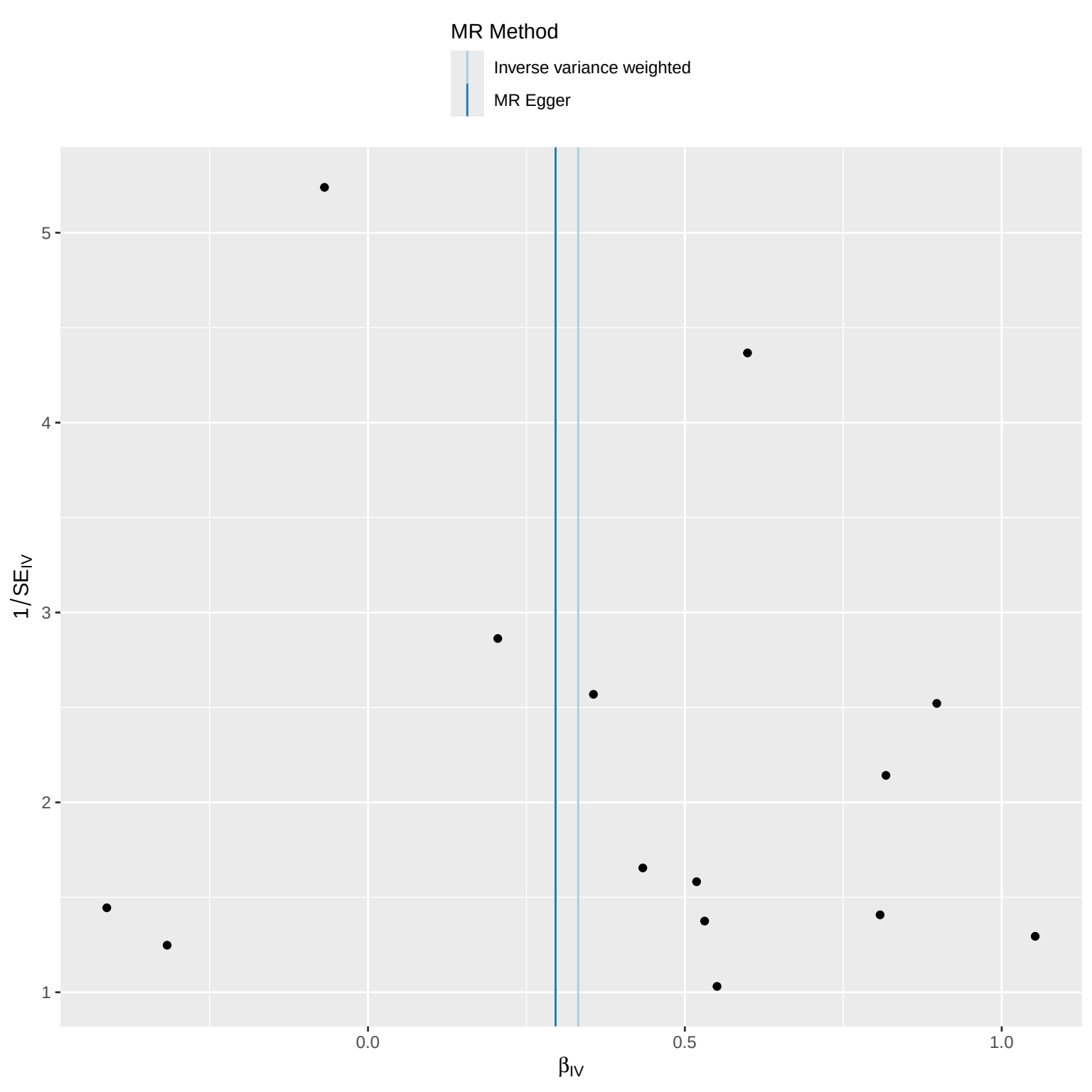

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
1
β_IV

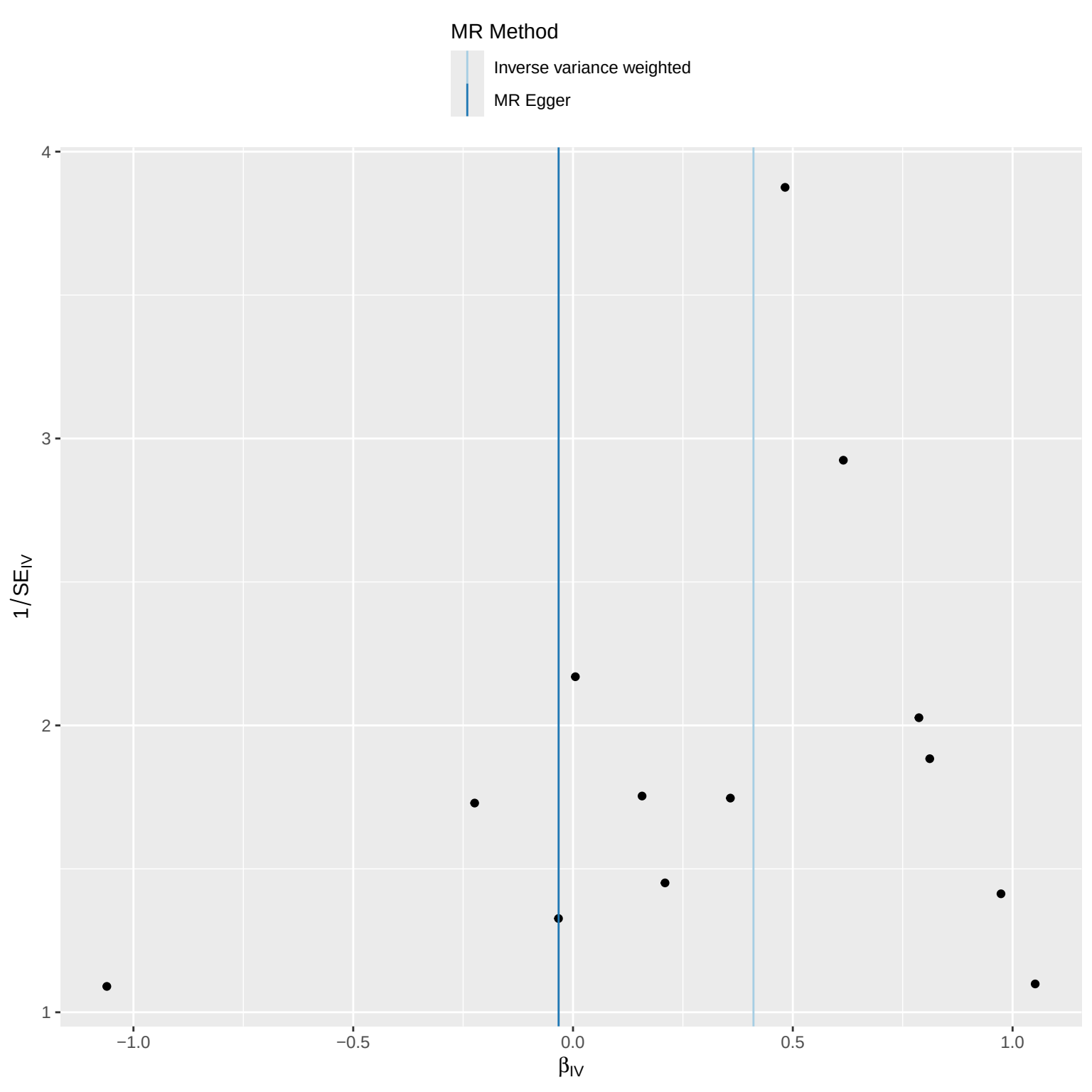

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
β_IV

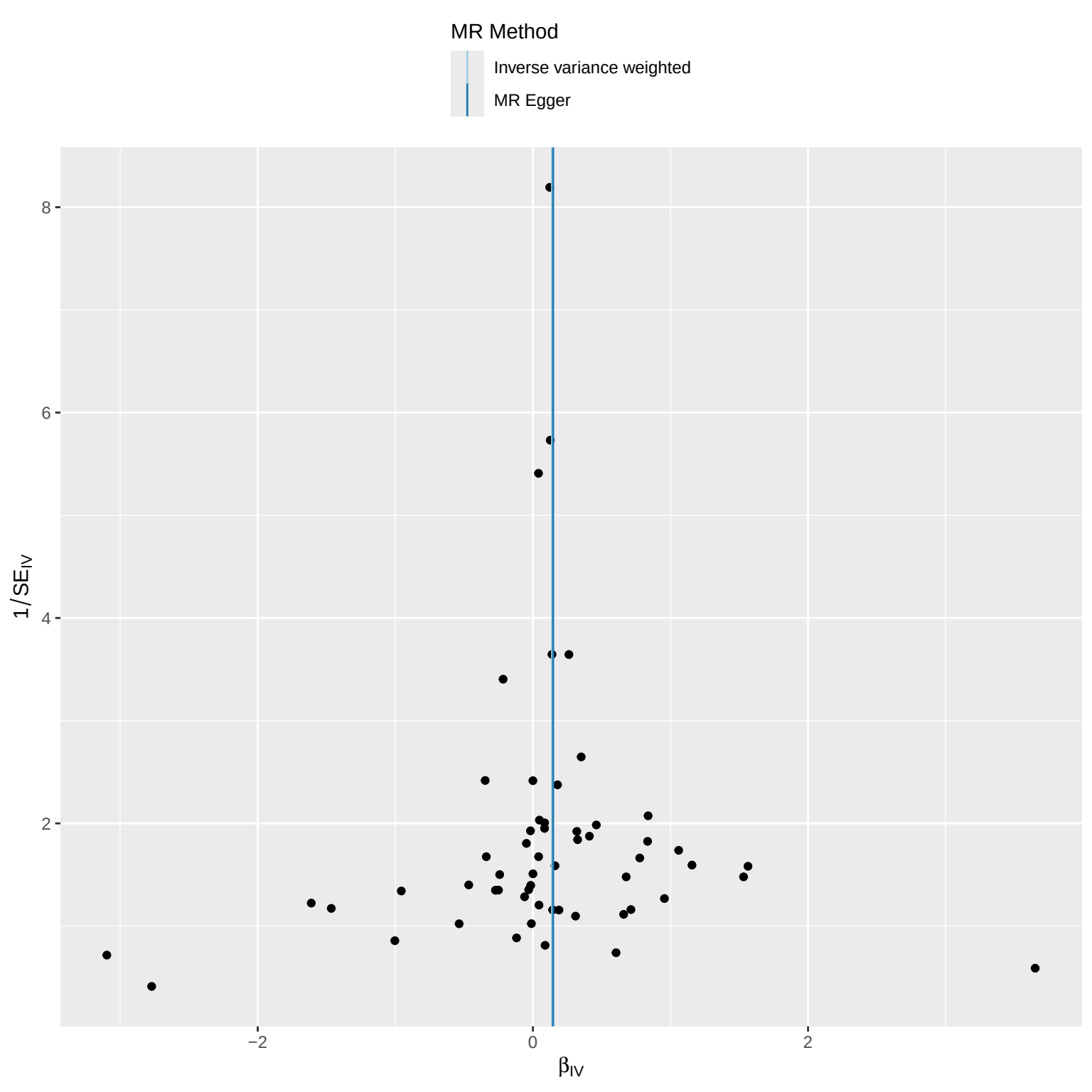

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

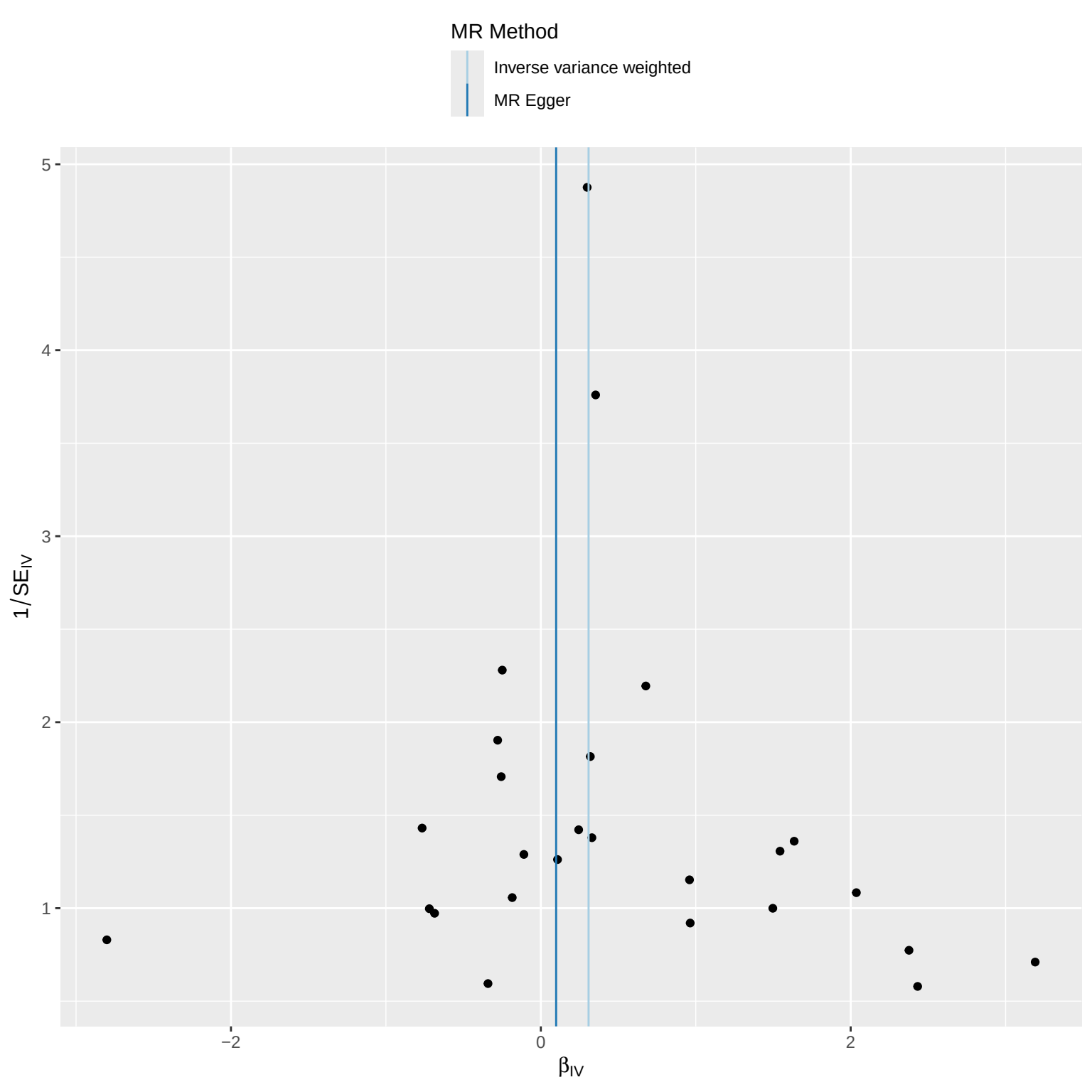

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

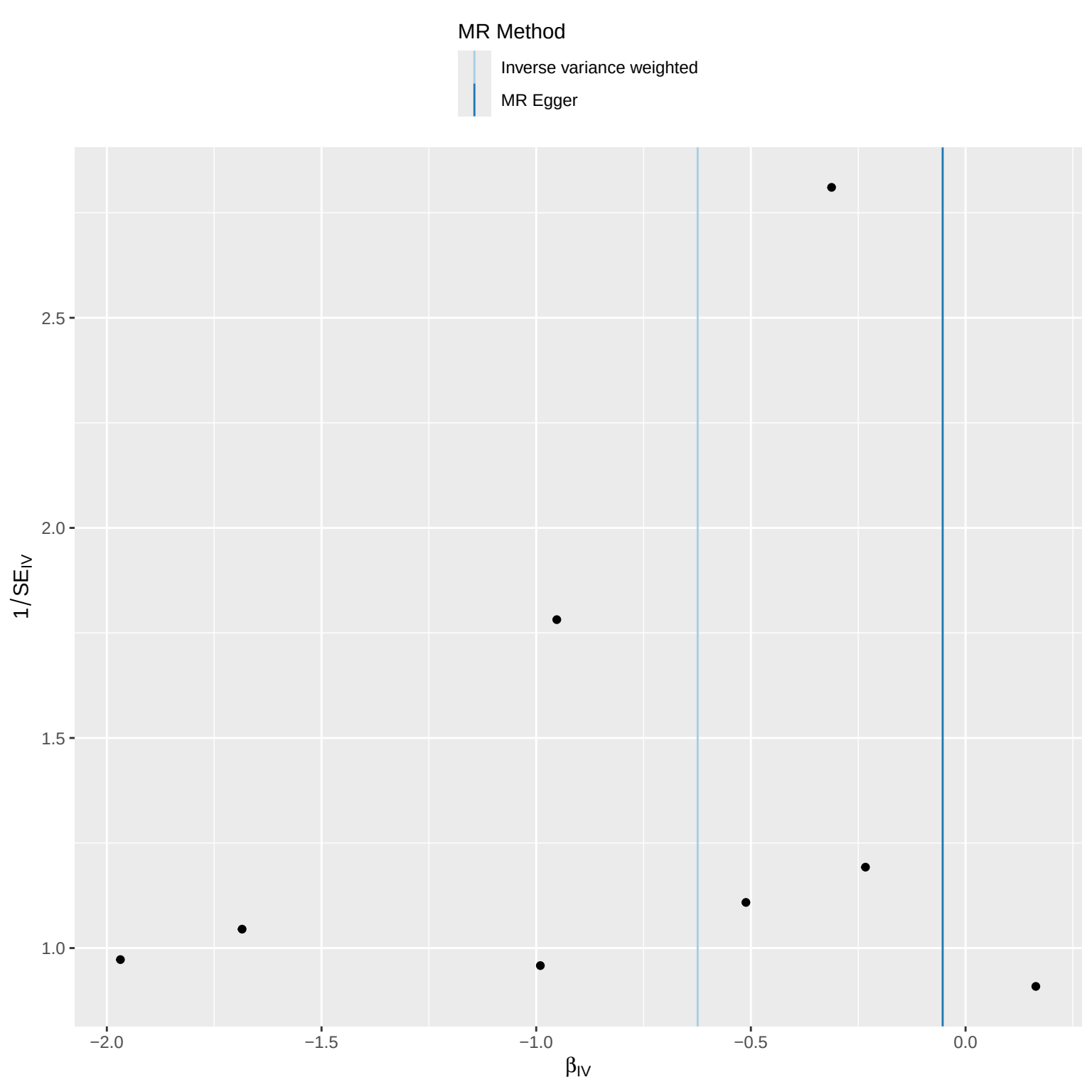

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

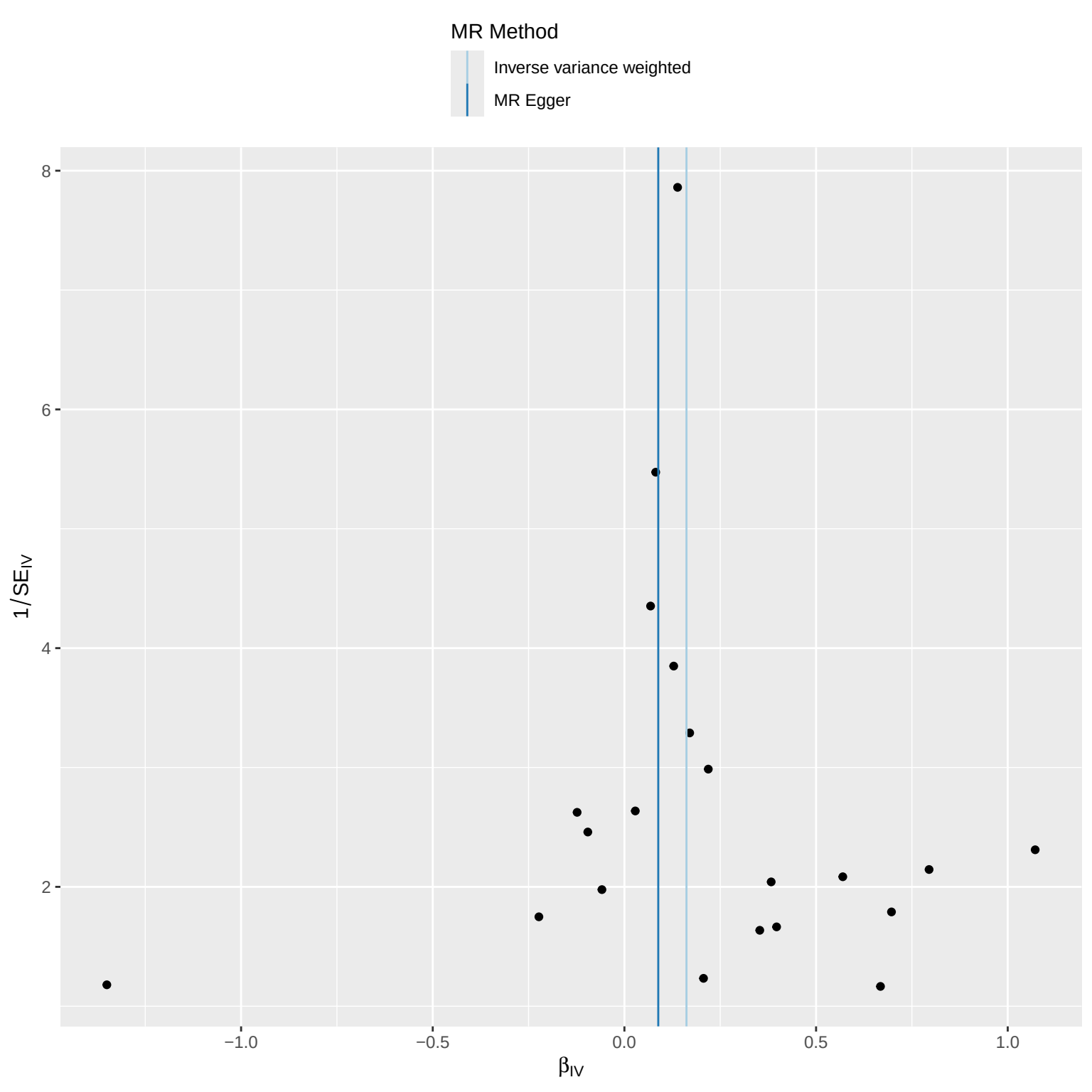

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

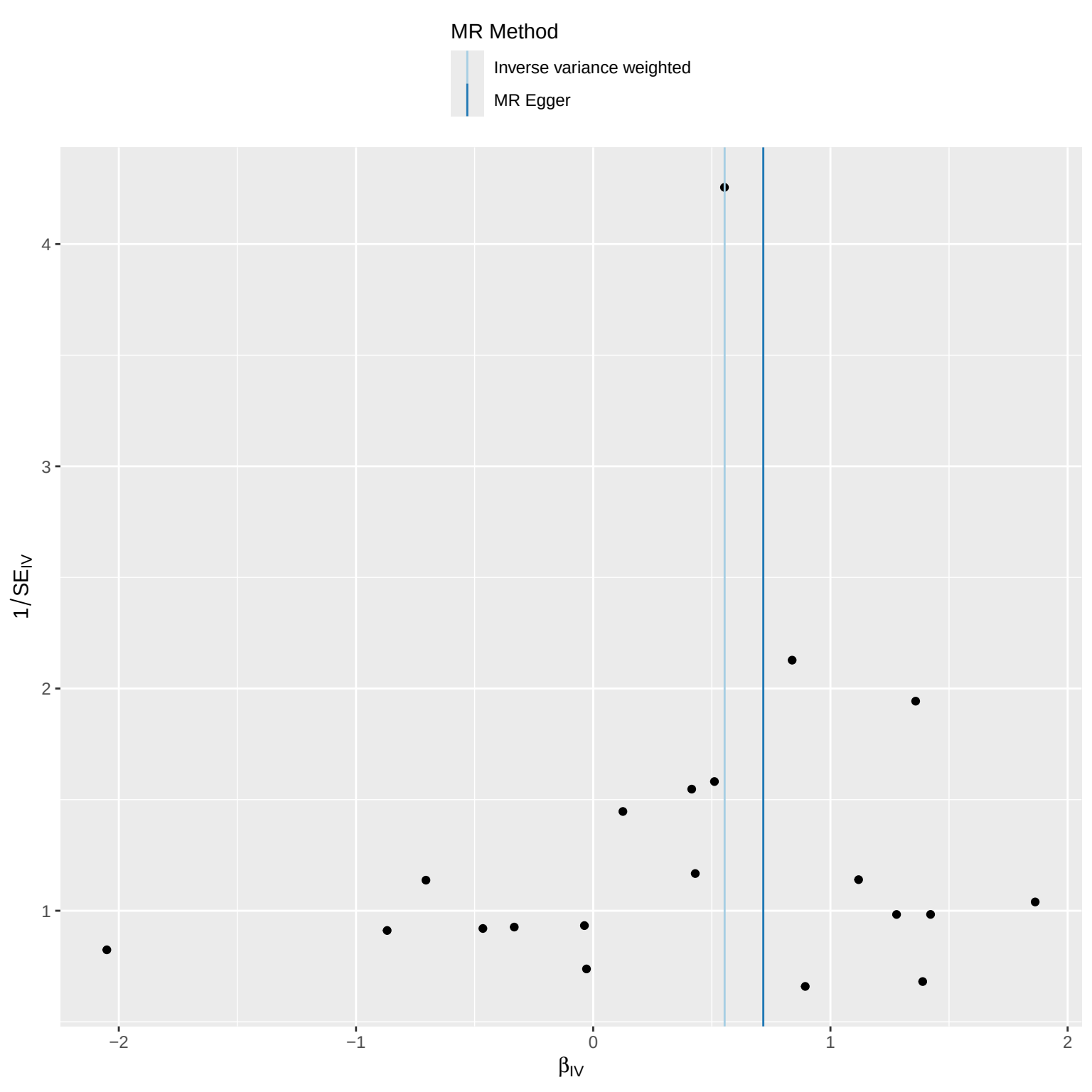

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

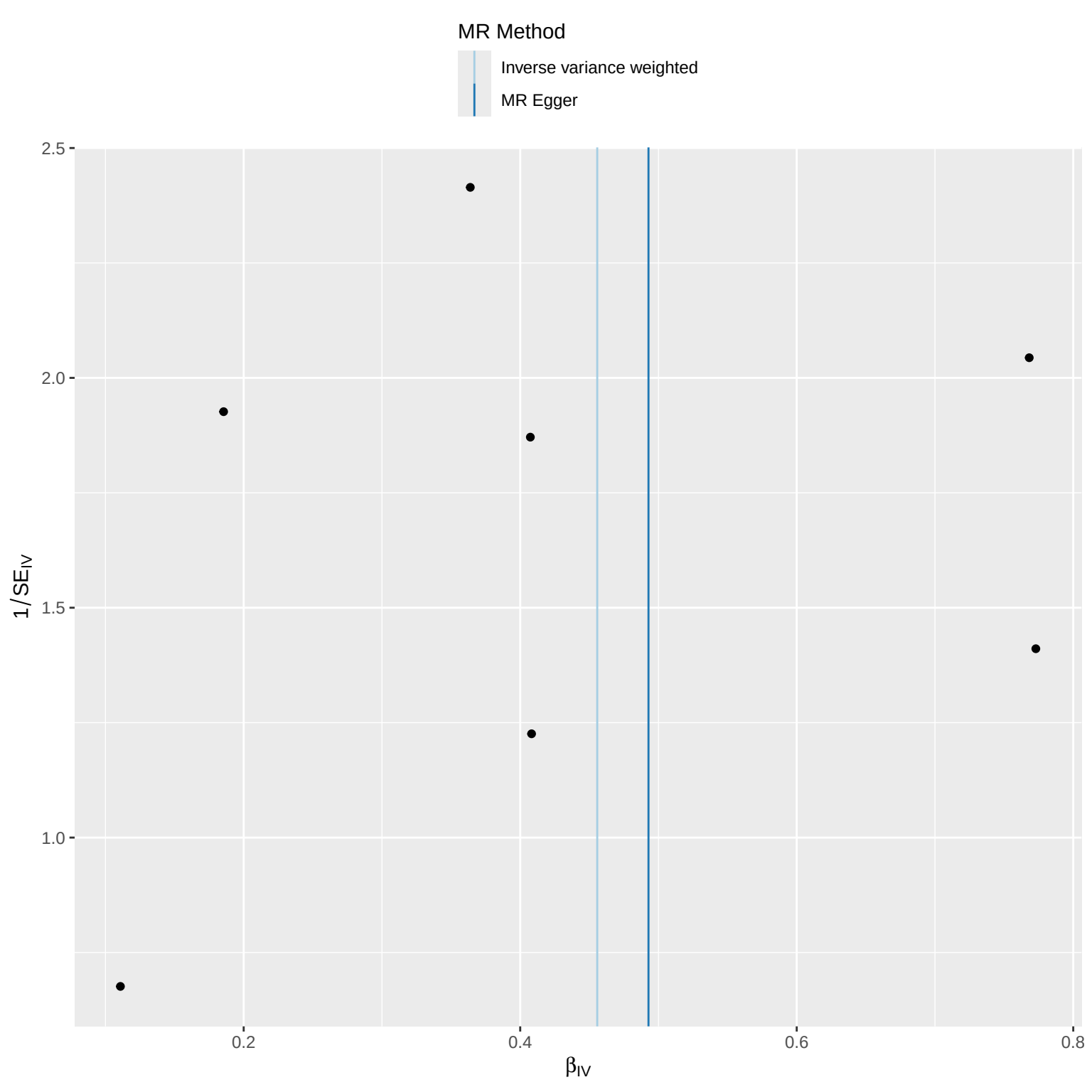

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
0
2
β_IV

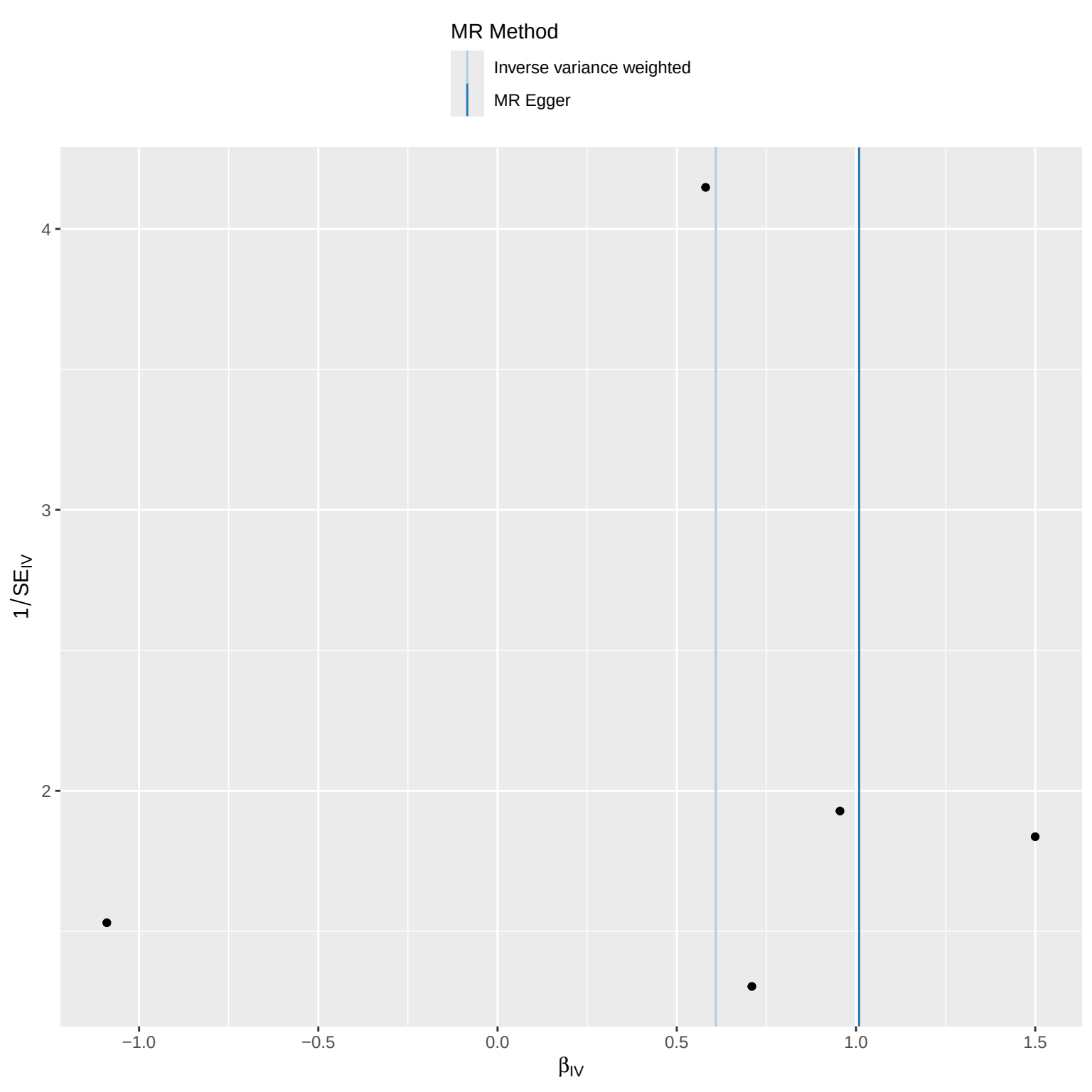

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

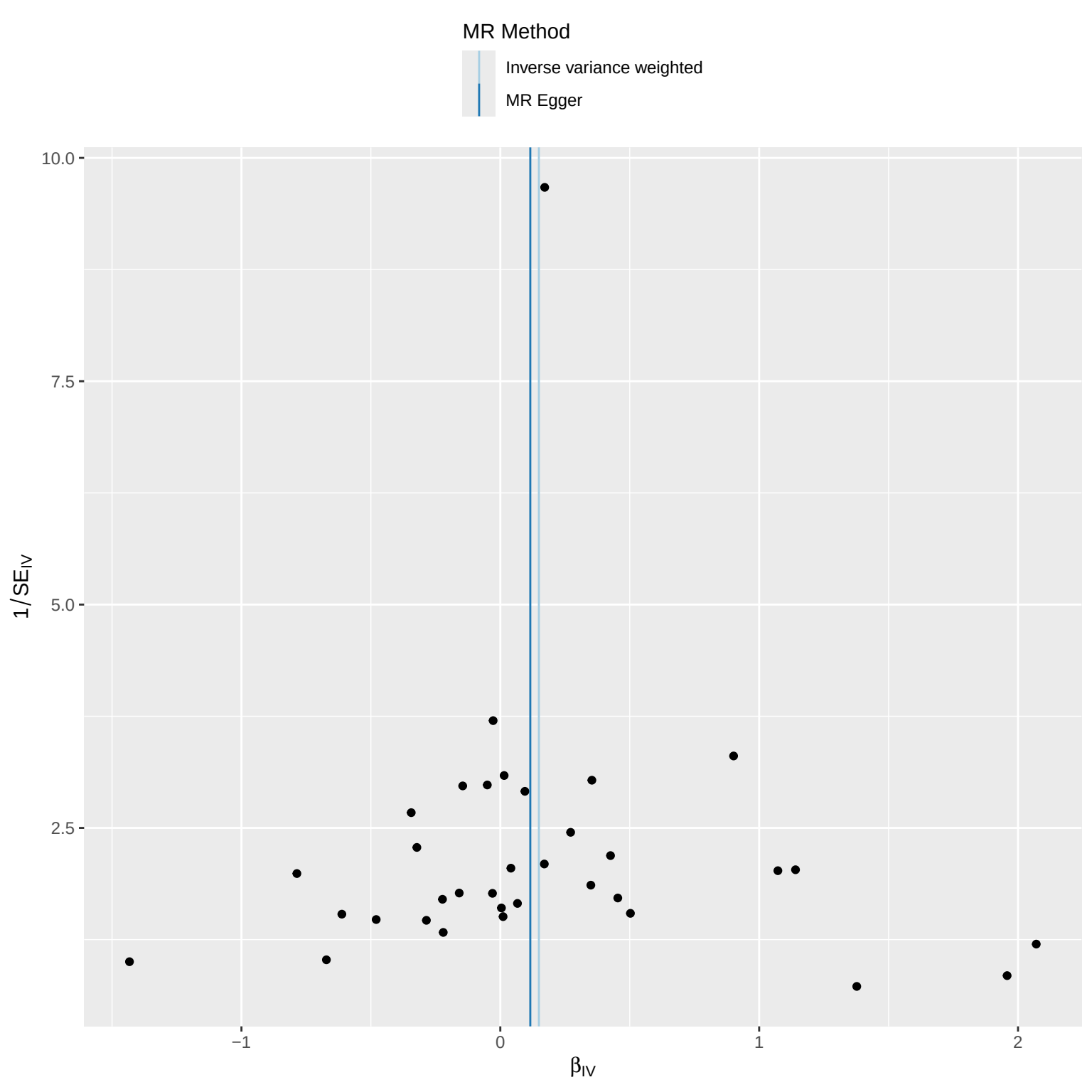

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

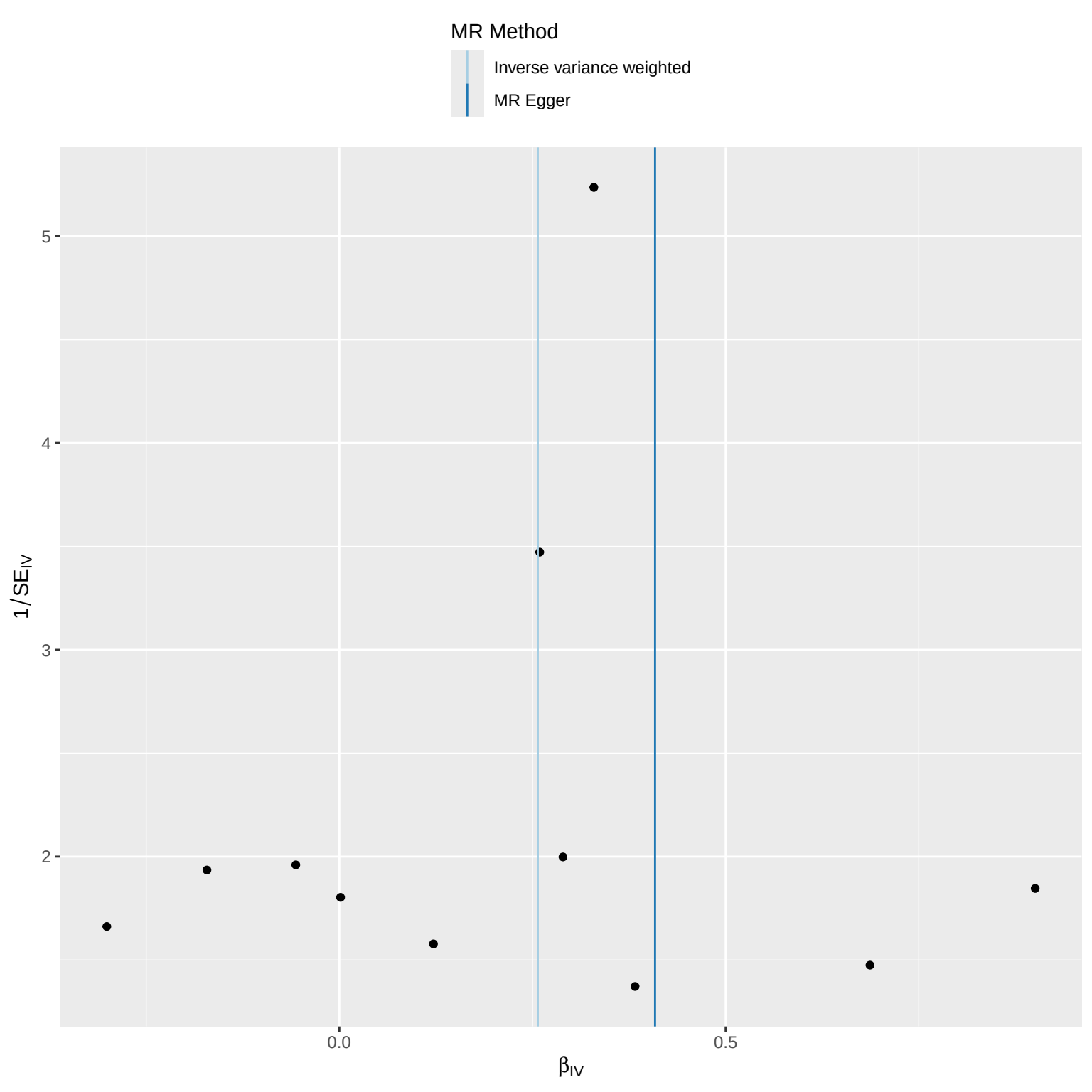

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

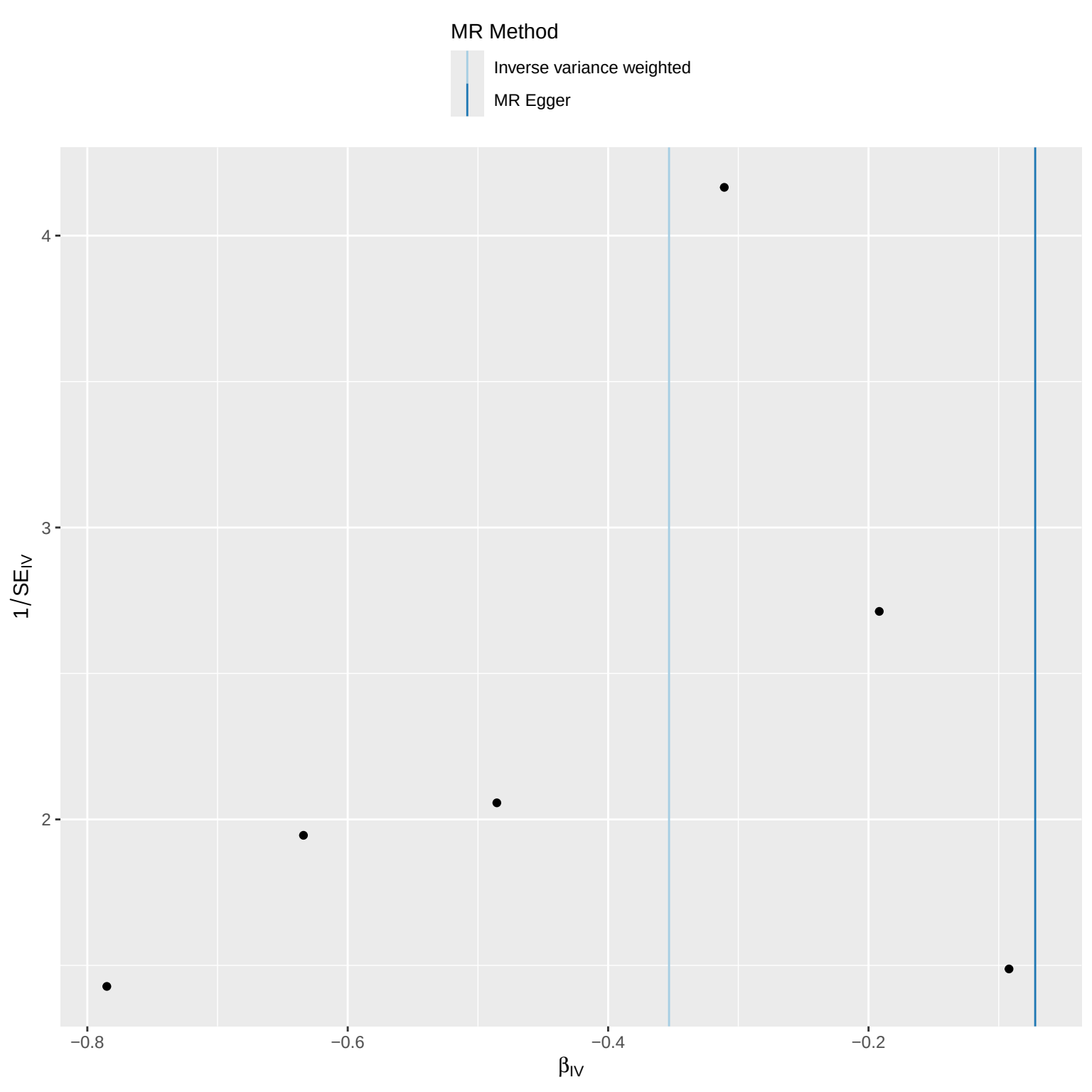

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

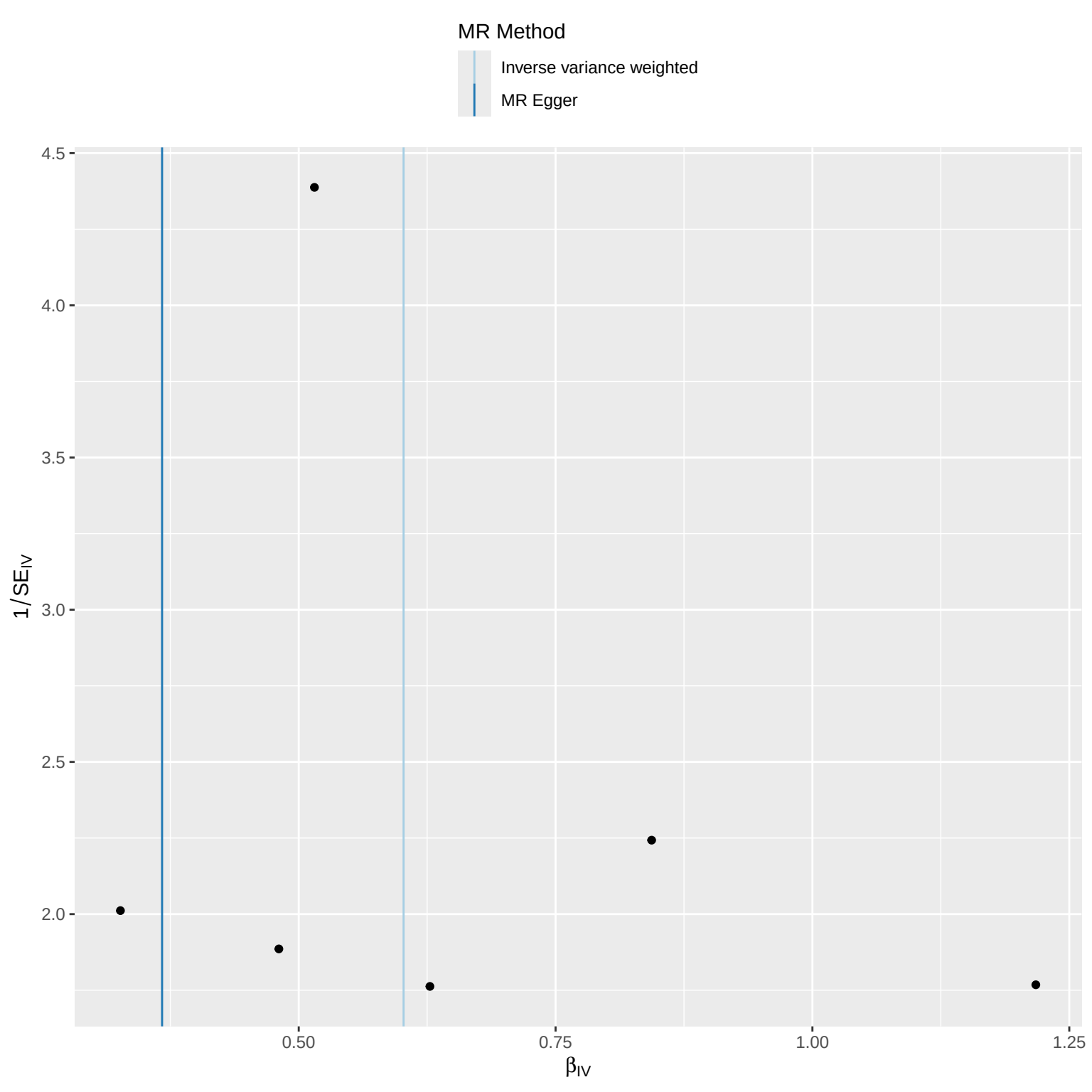

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.2
0.4
0.6
0.8
β_IV

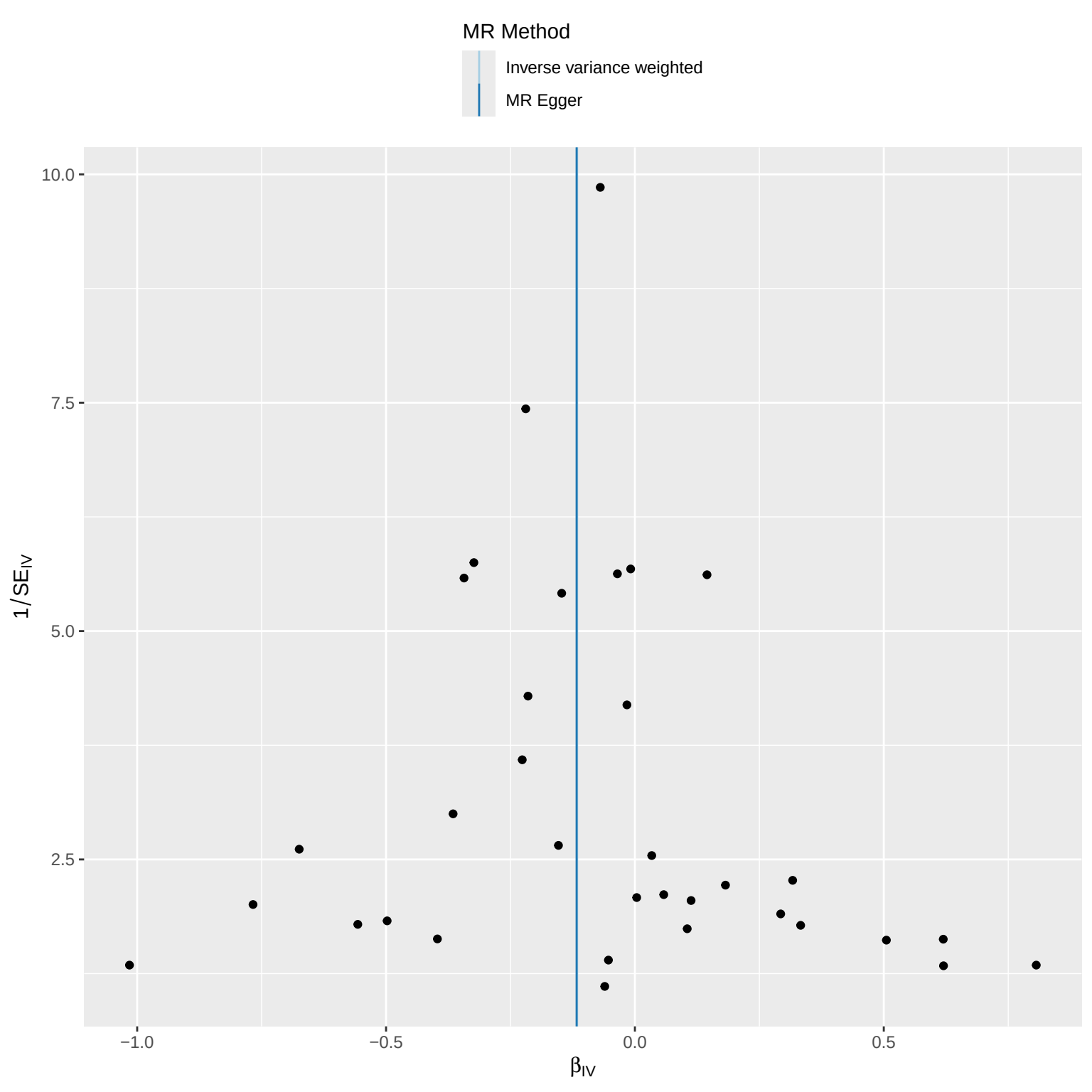

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

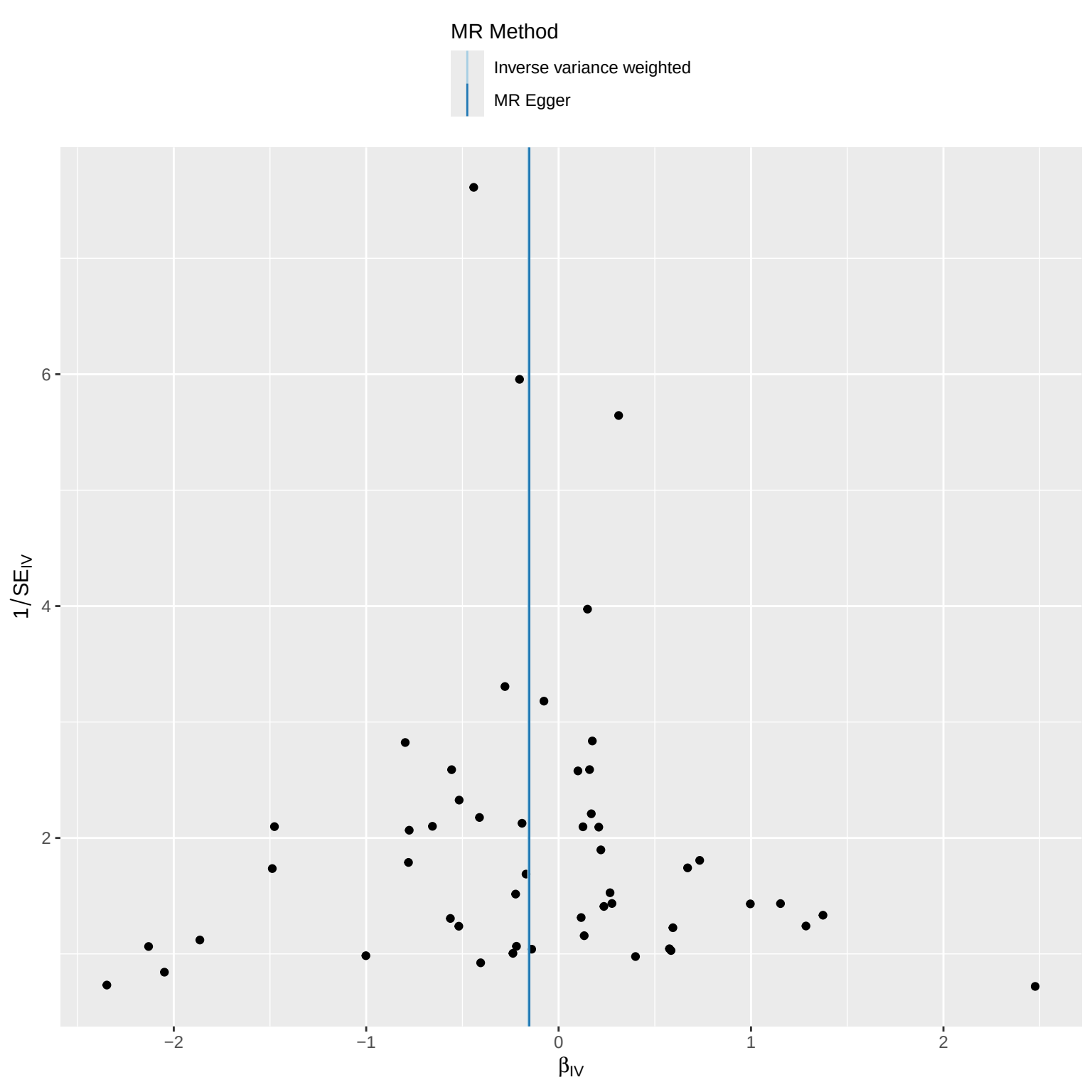

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

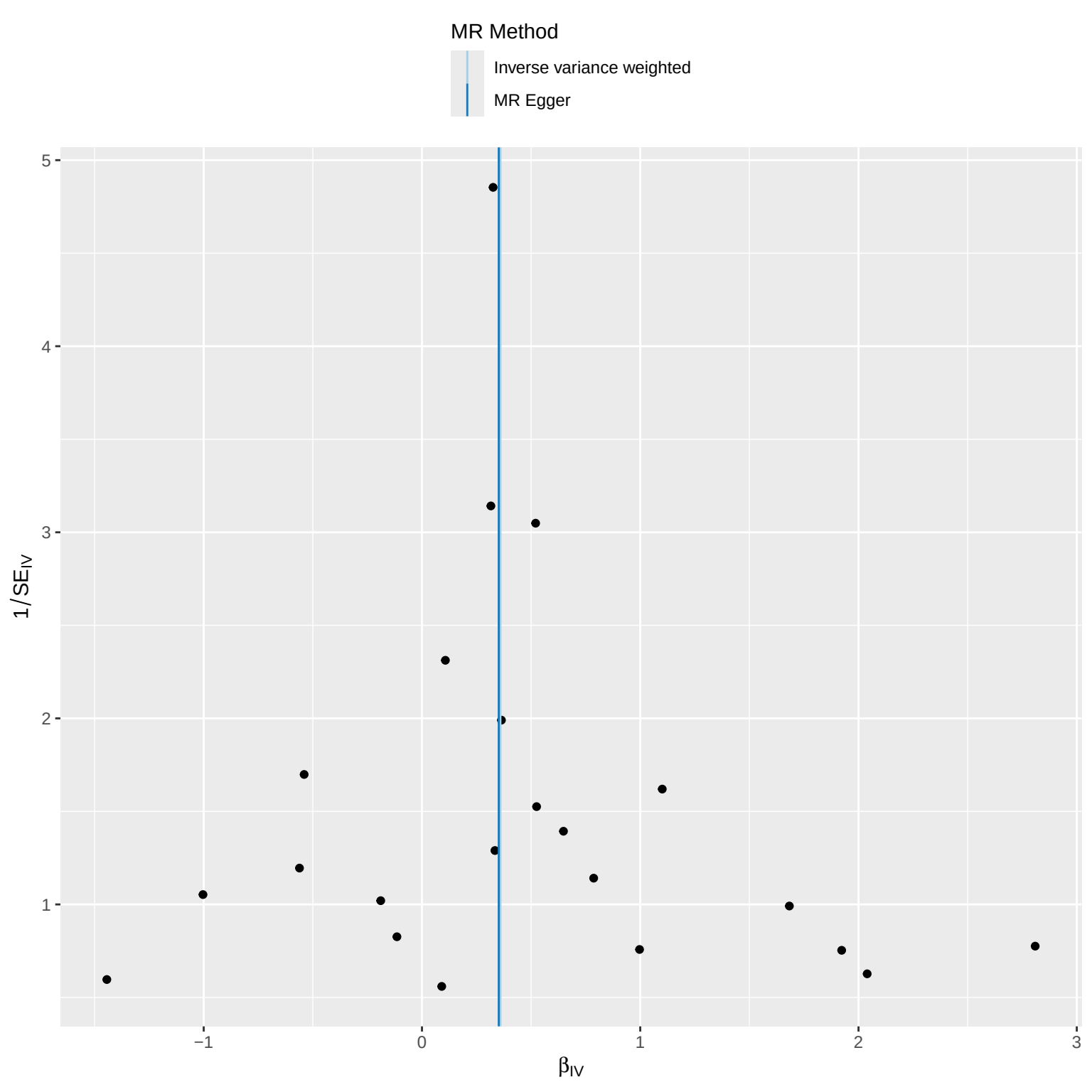

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.0
0.5
β_IV

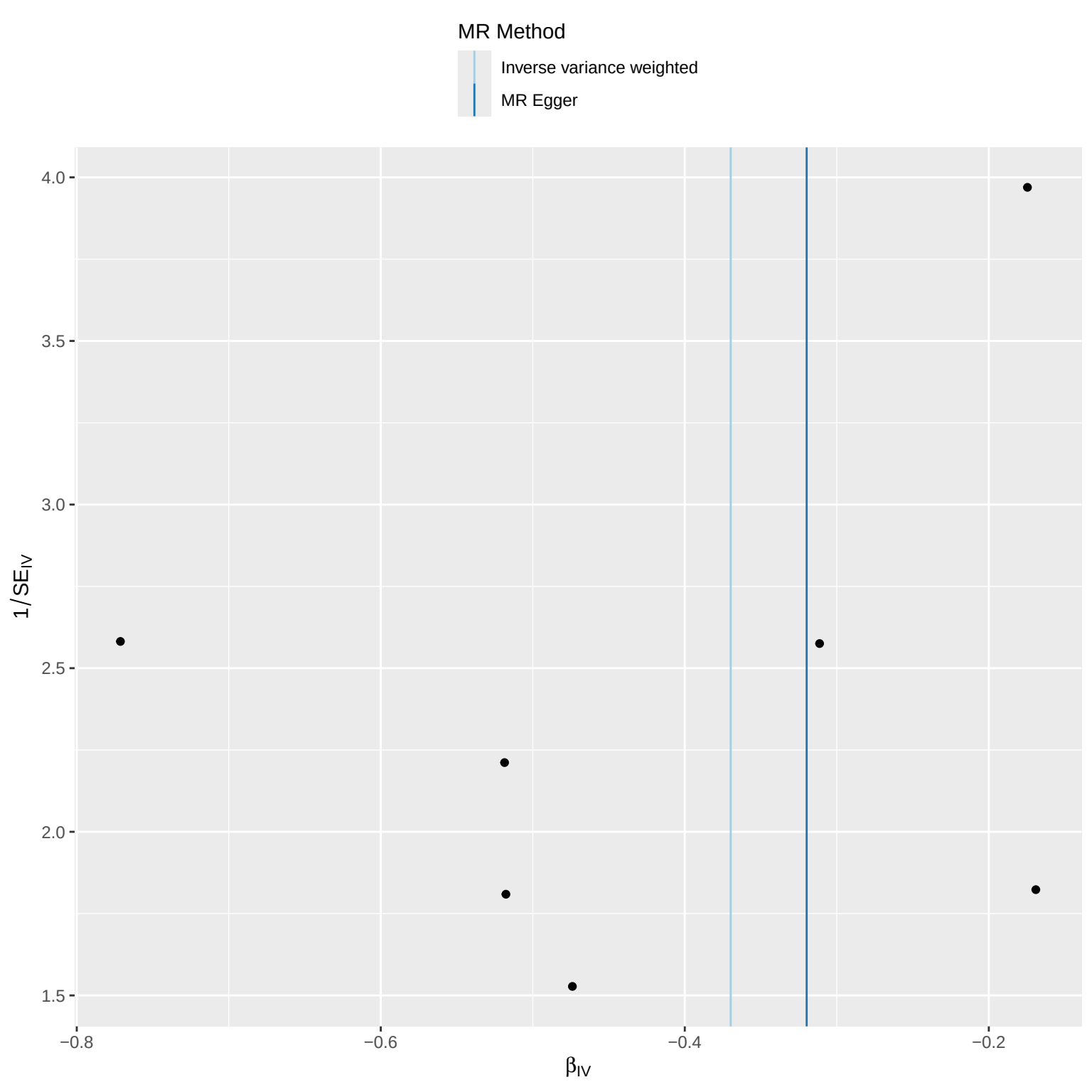

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.8
−0.6
−0.4
−0.2
β_IV

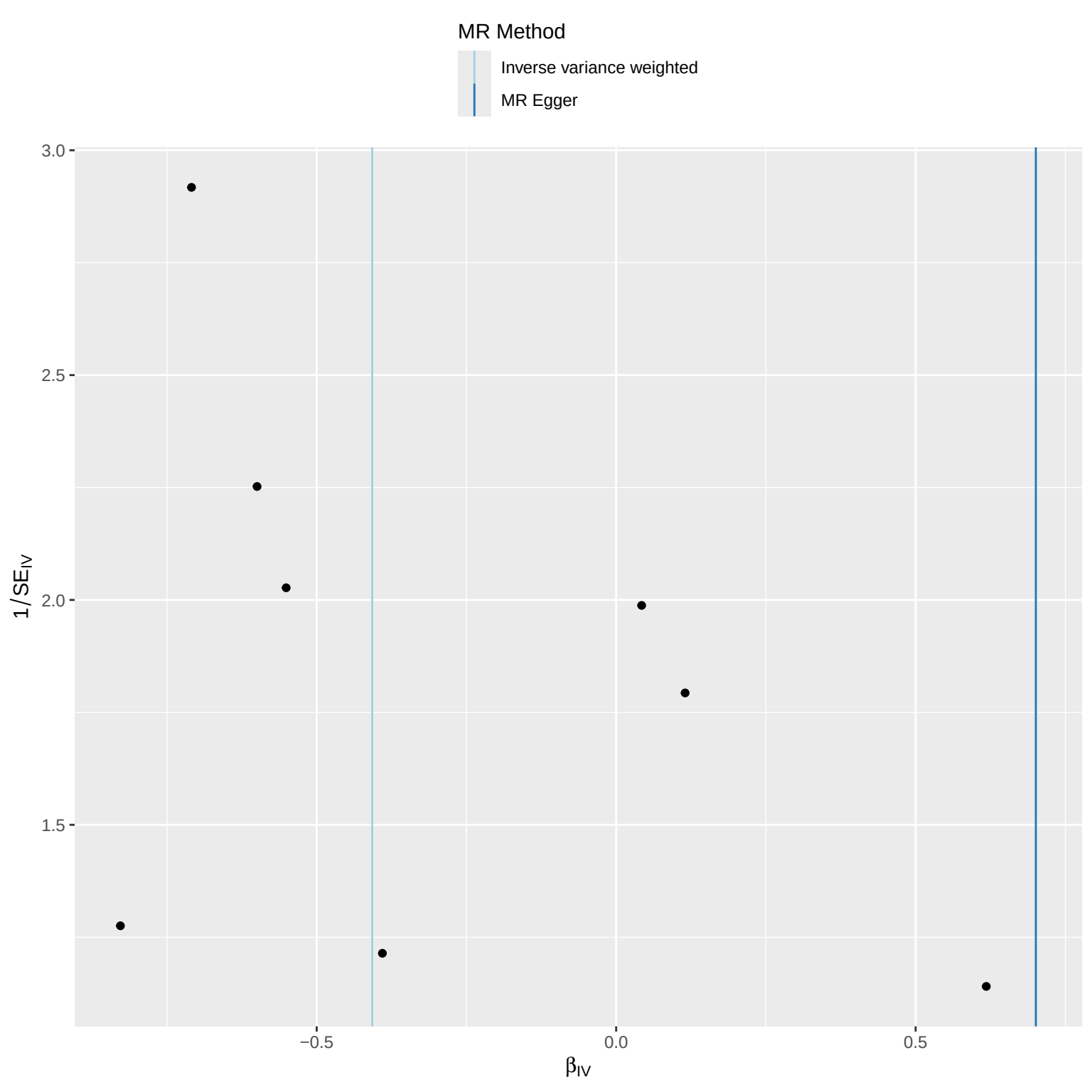

MR Method
Inverse variance weighted
MR Egger
4.5
4.0
3.5
3.0
2.5
2.0
1/SE_IV
0.50
0.75
1.00
1.25
β_IV

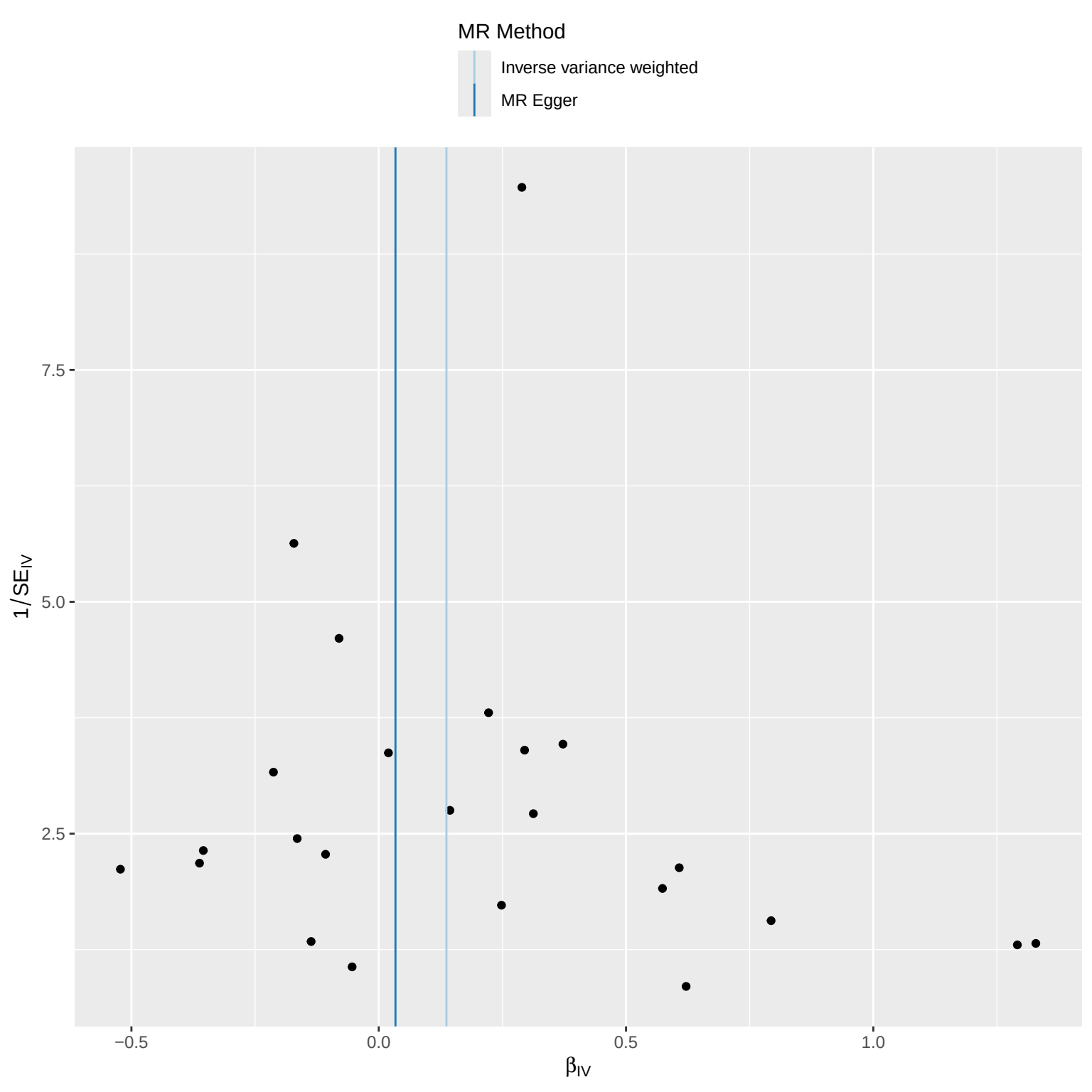

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

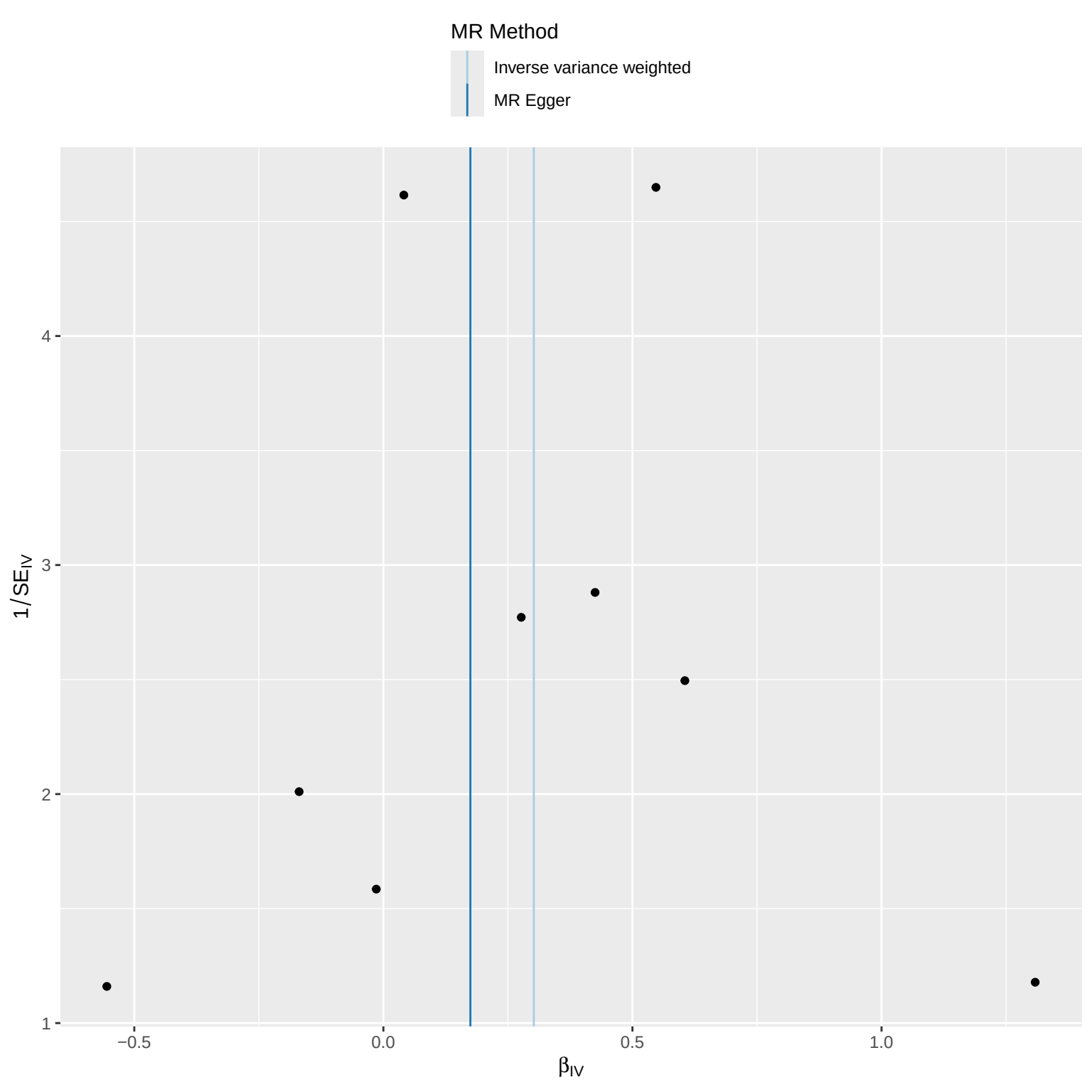

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

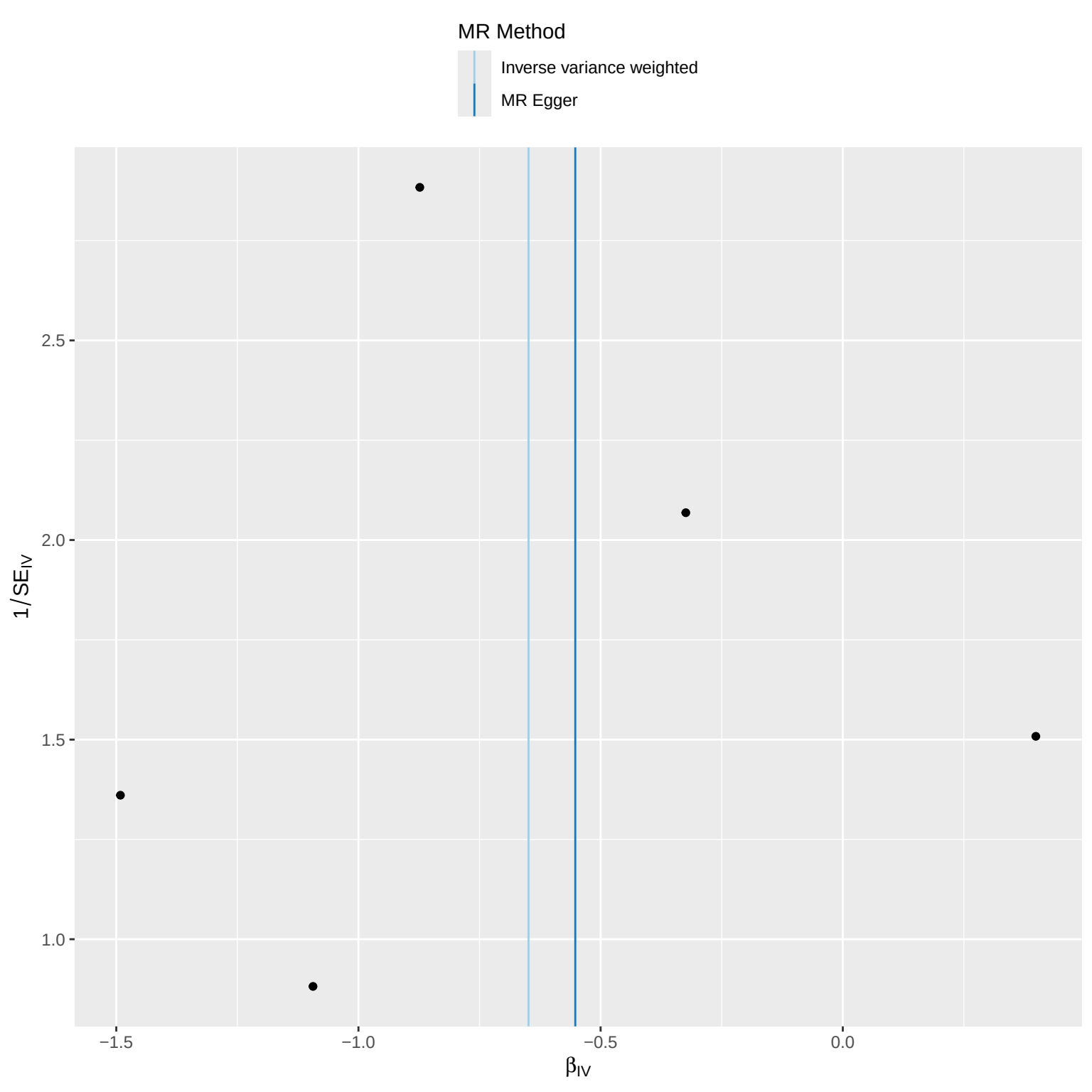

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

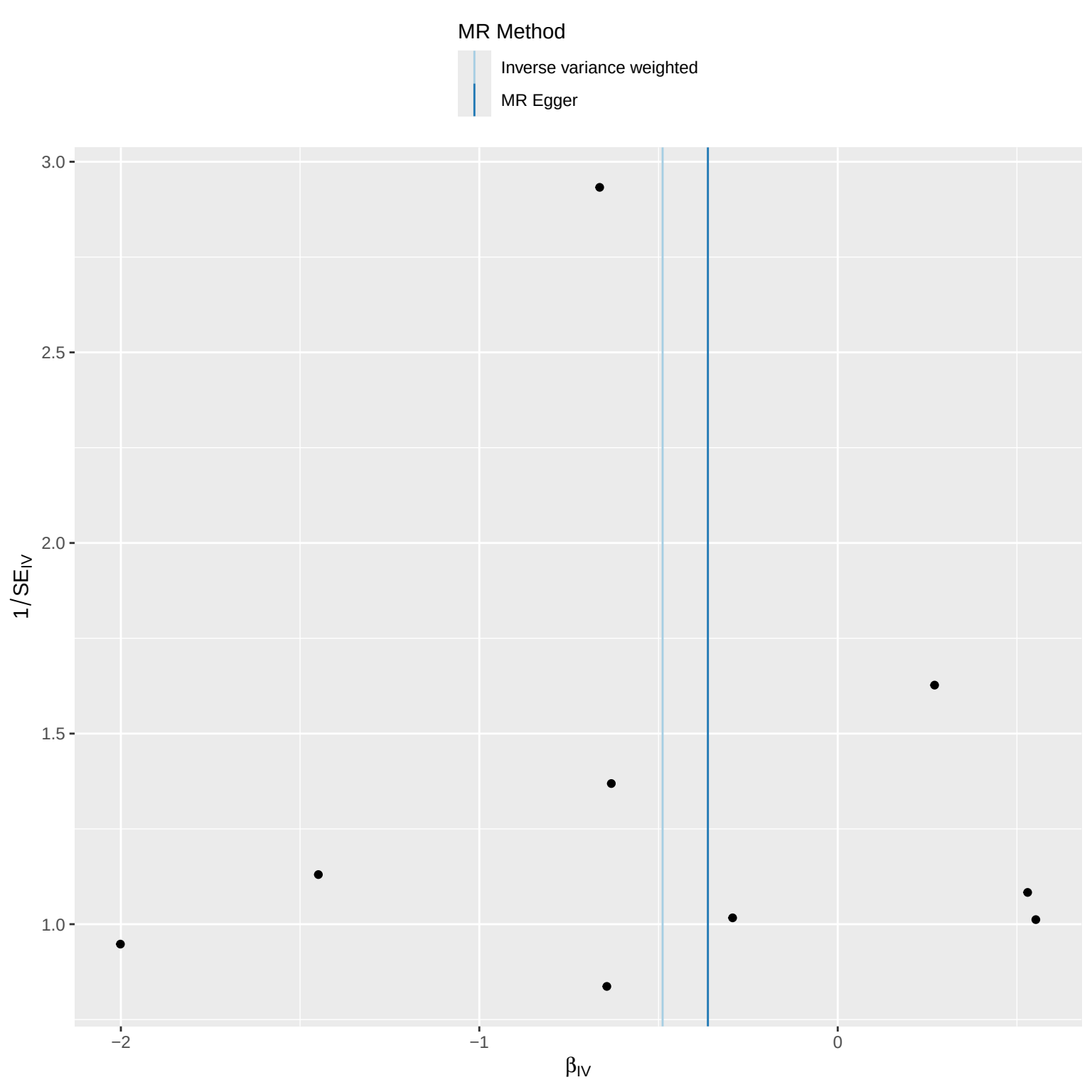

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−0.8
−0.6
−0.4
−0.2
β_IV

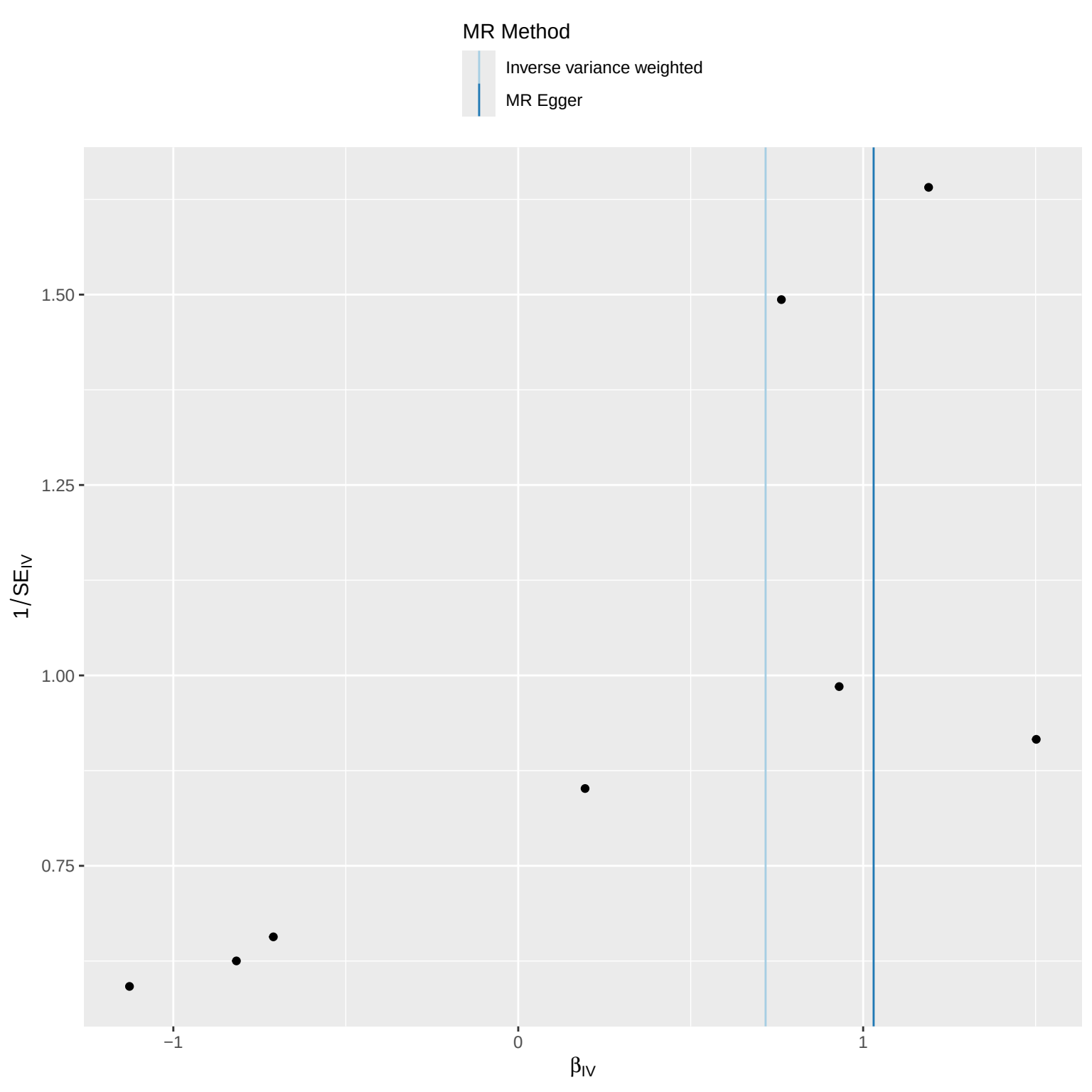

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
β_IV

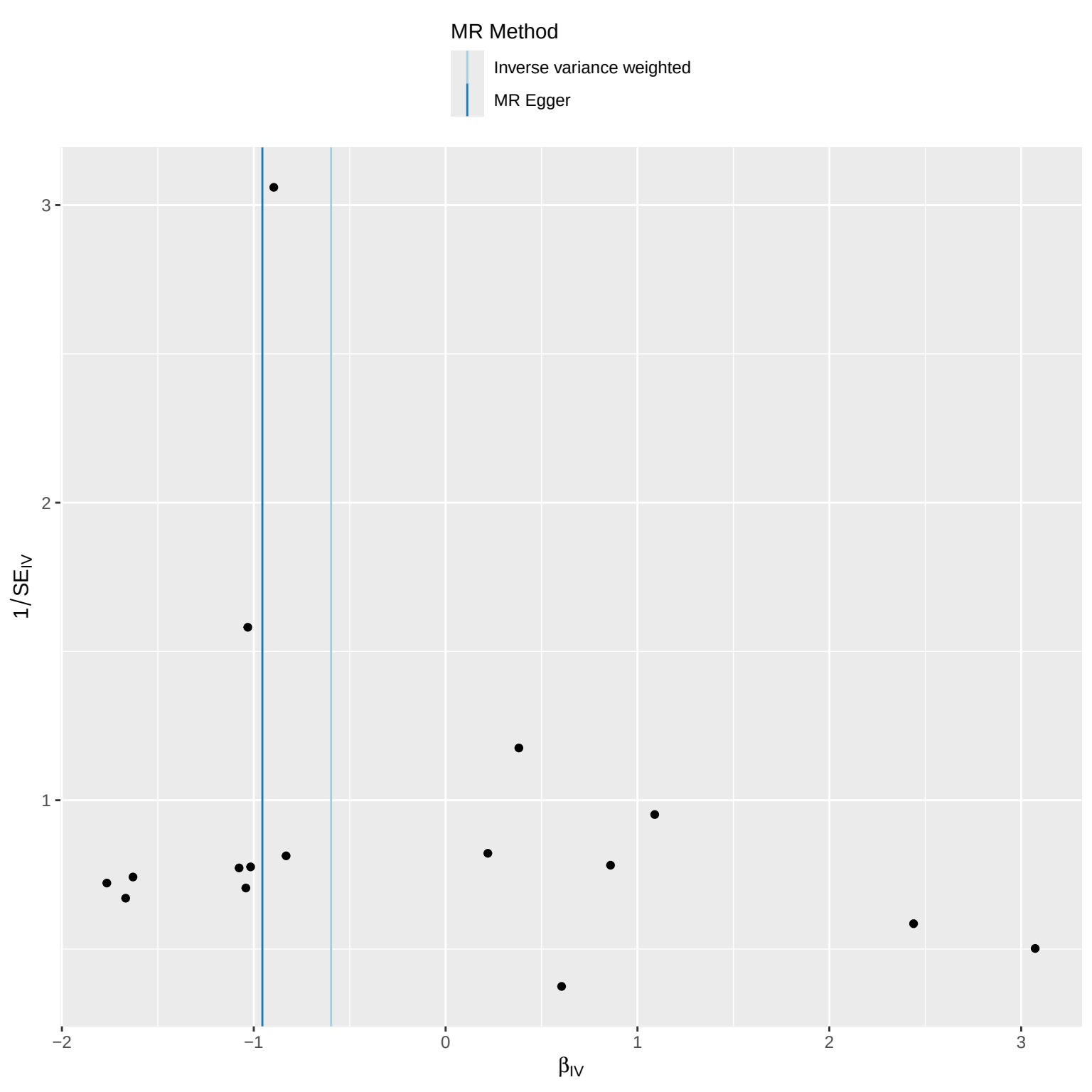

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

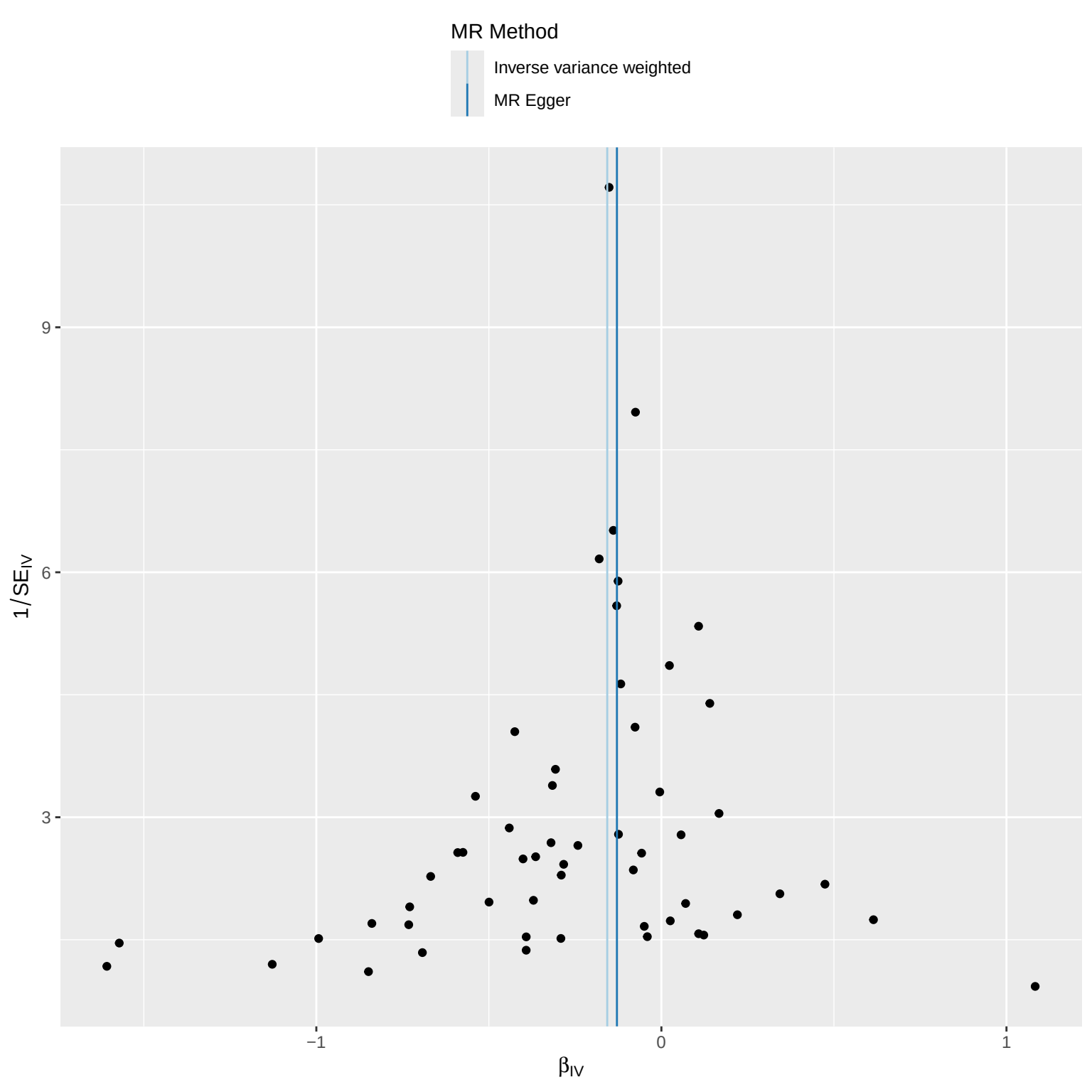

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
−0.5
0.0
0.5
1.0
β_IV

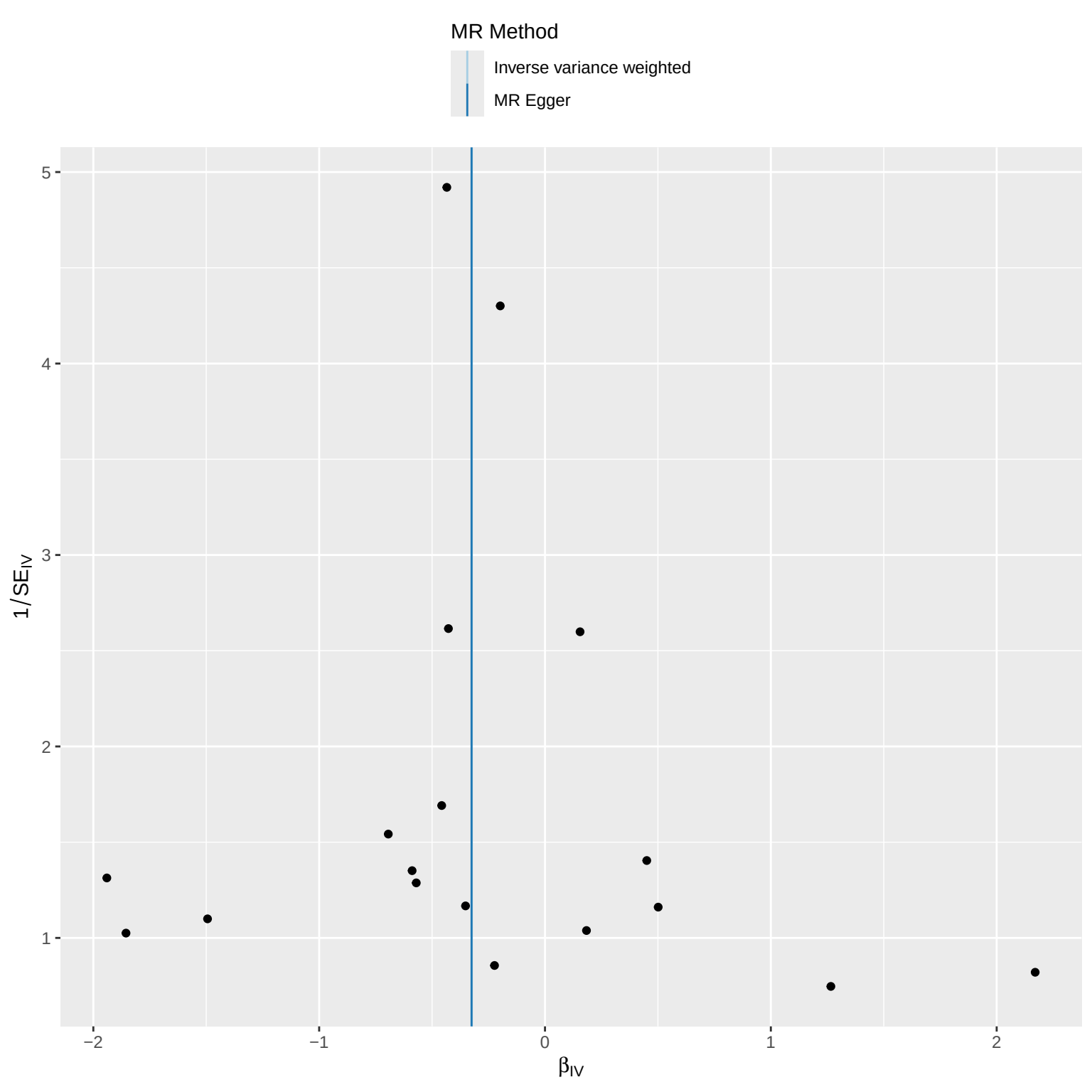

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

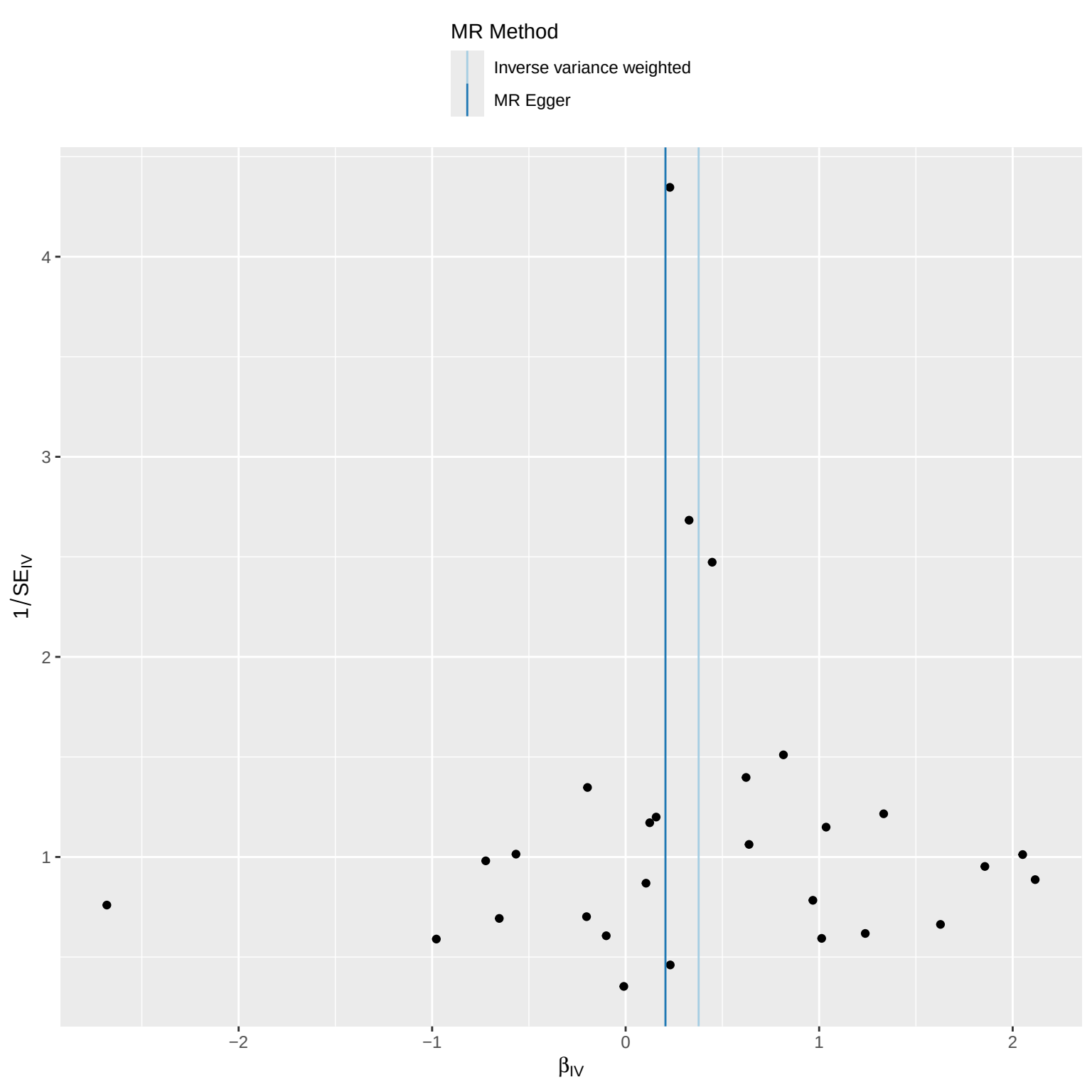

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

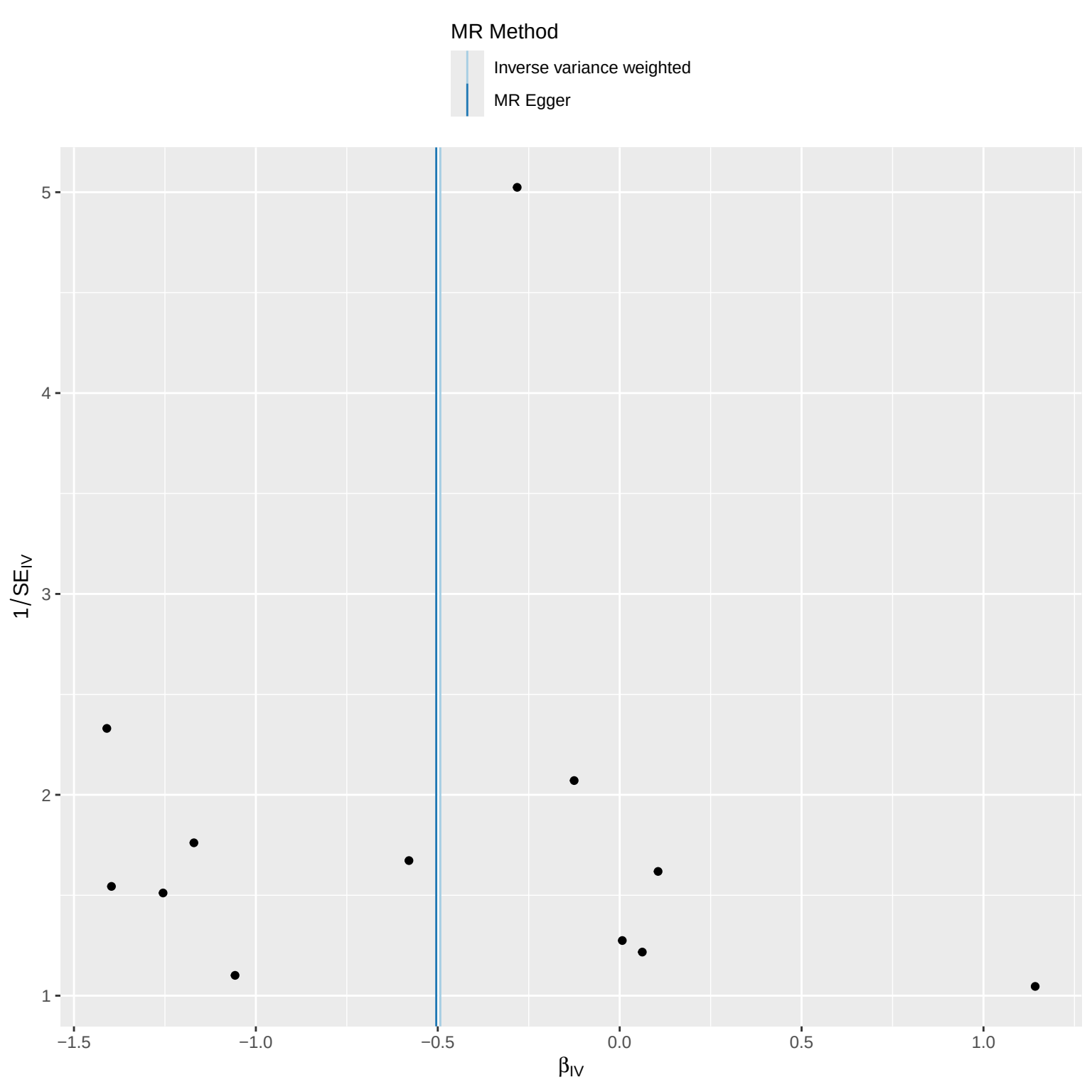

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−1
0
1
β_IV

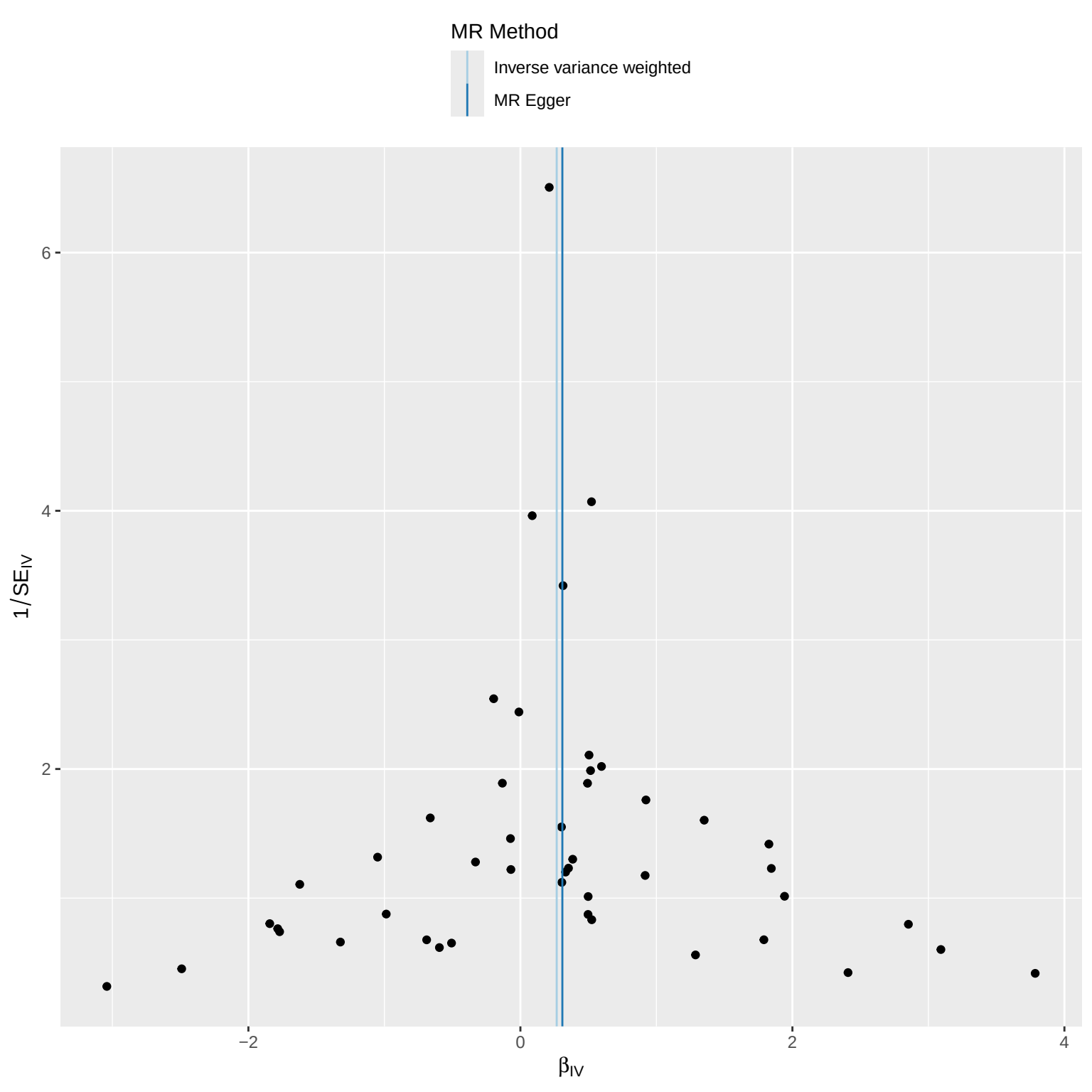

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

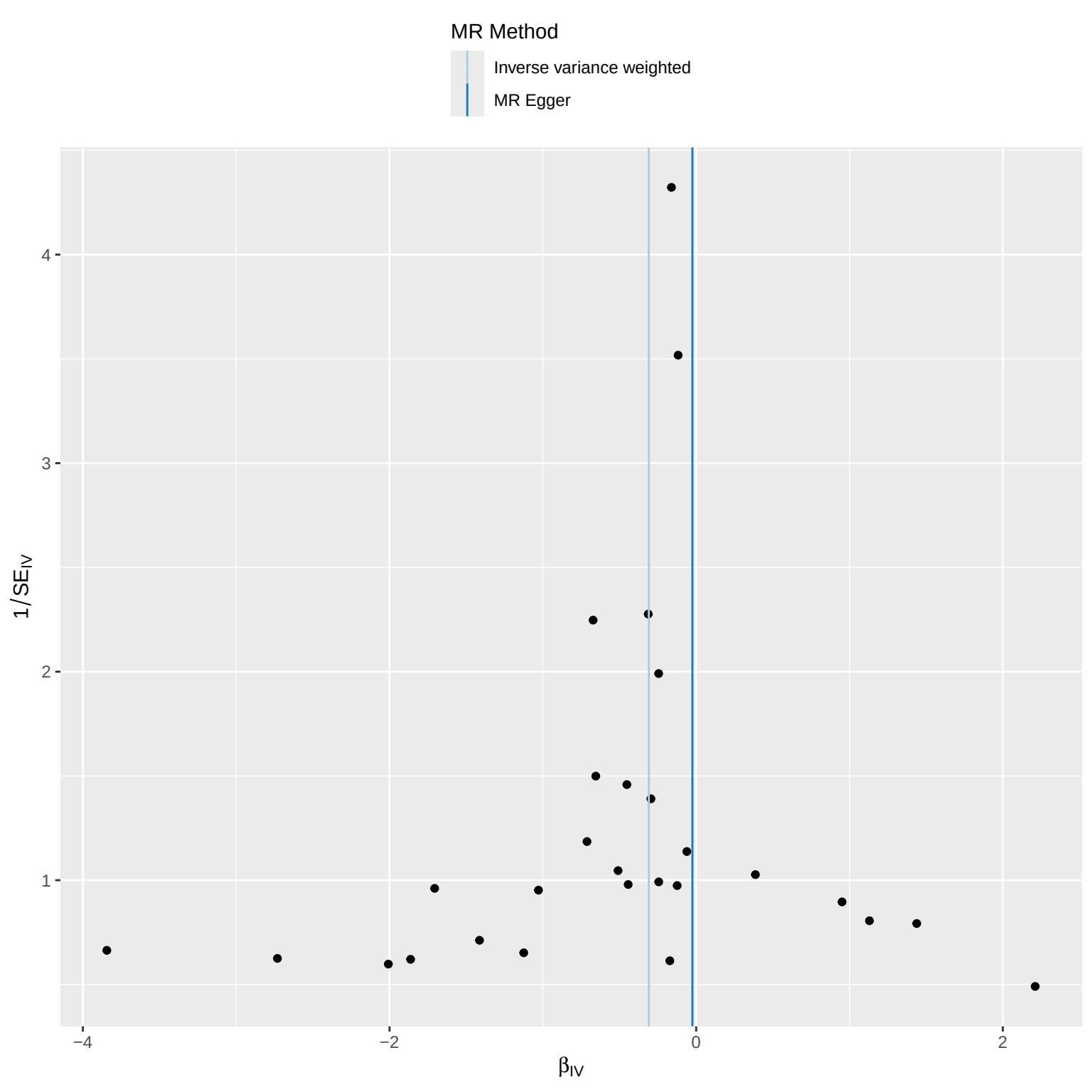

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1
0
1
β_IV

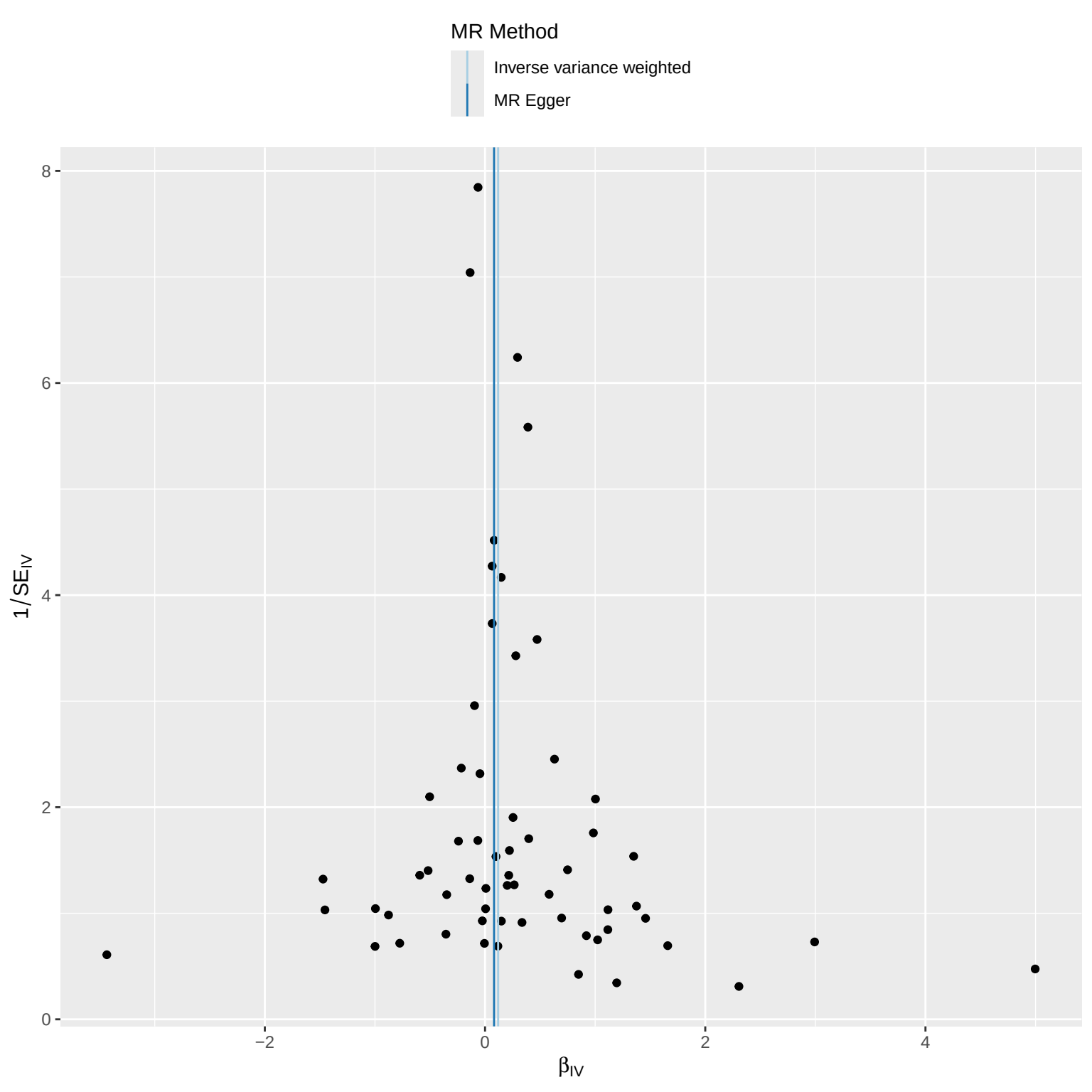

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

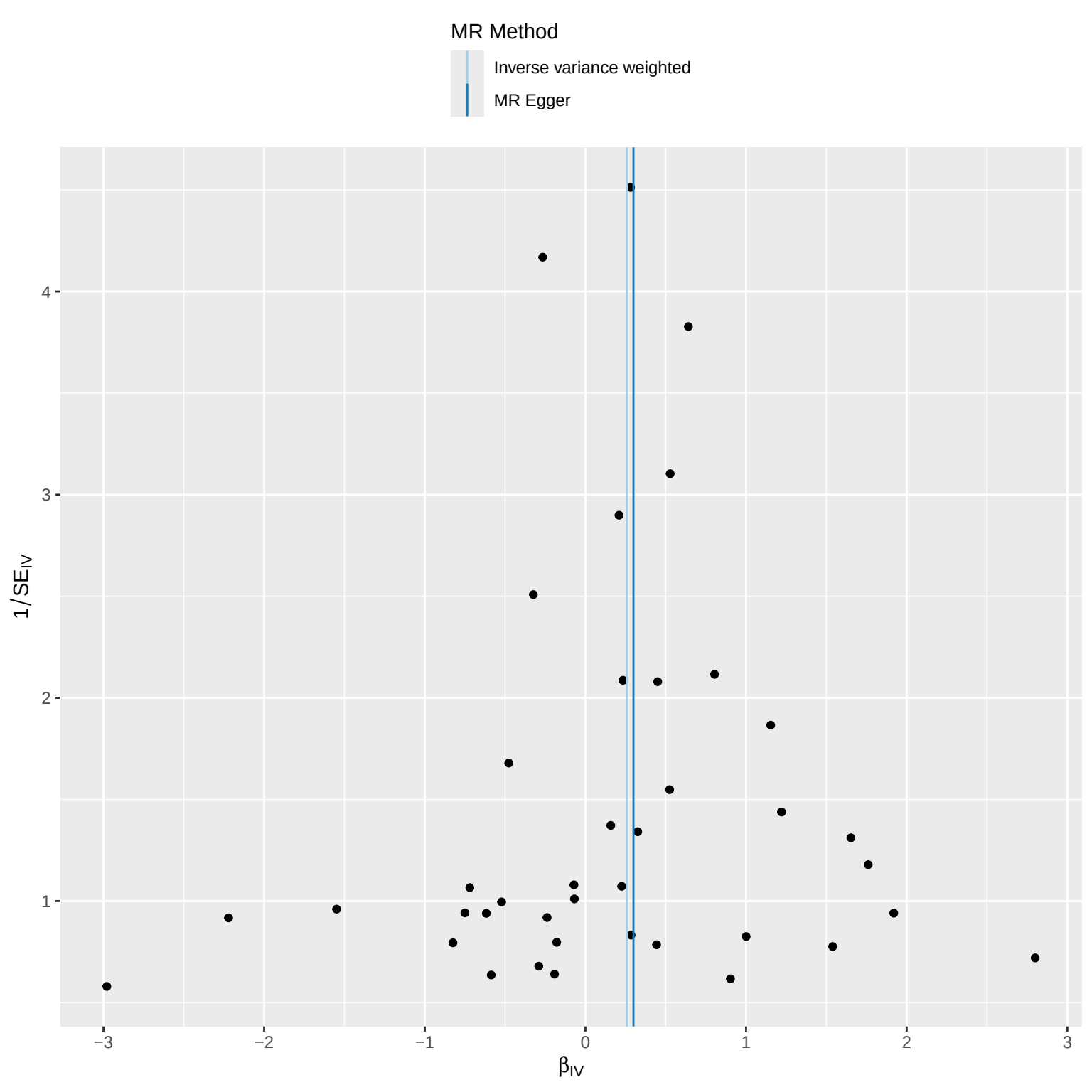

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

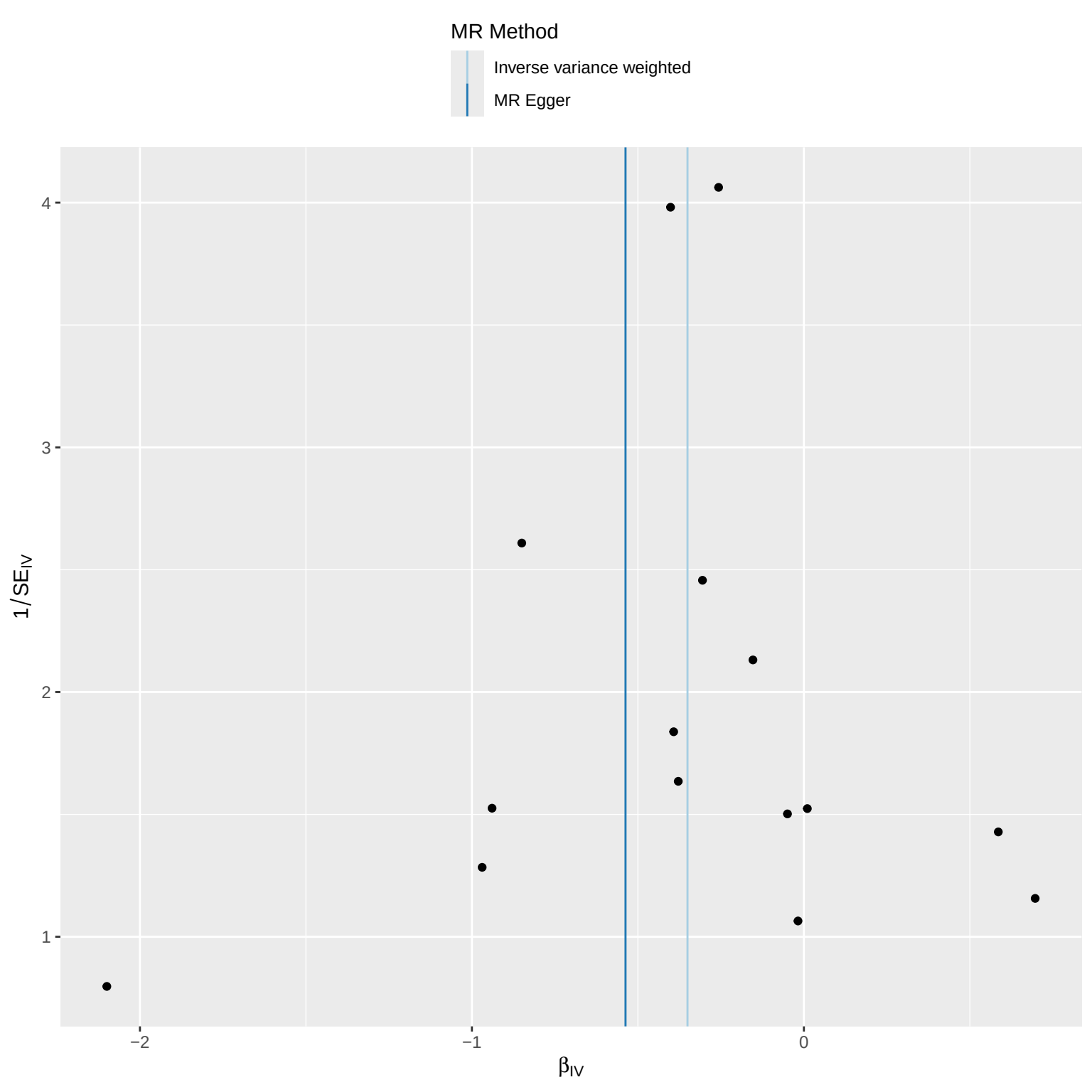

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

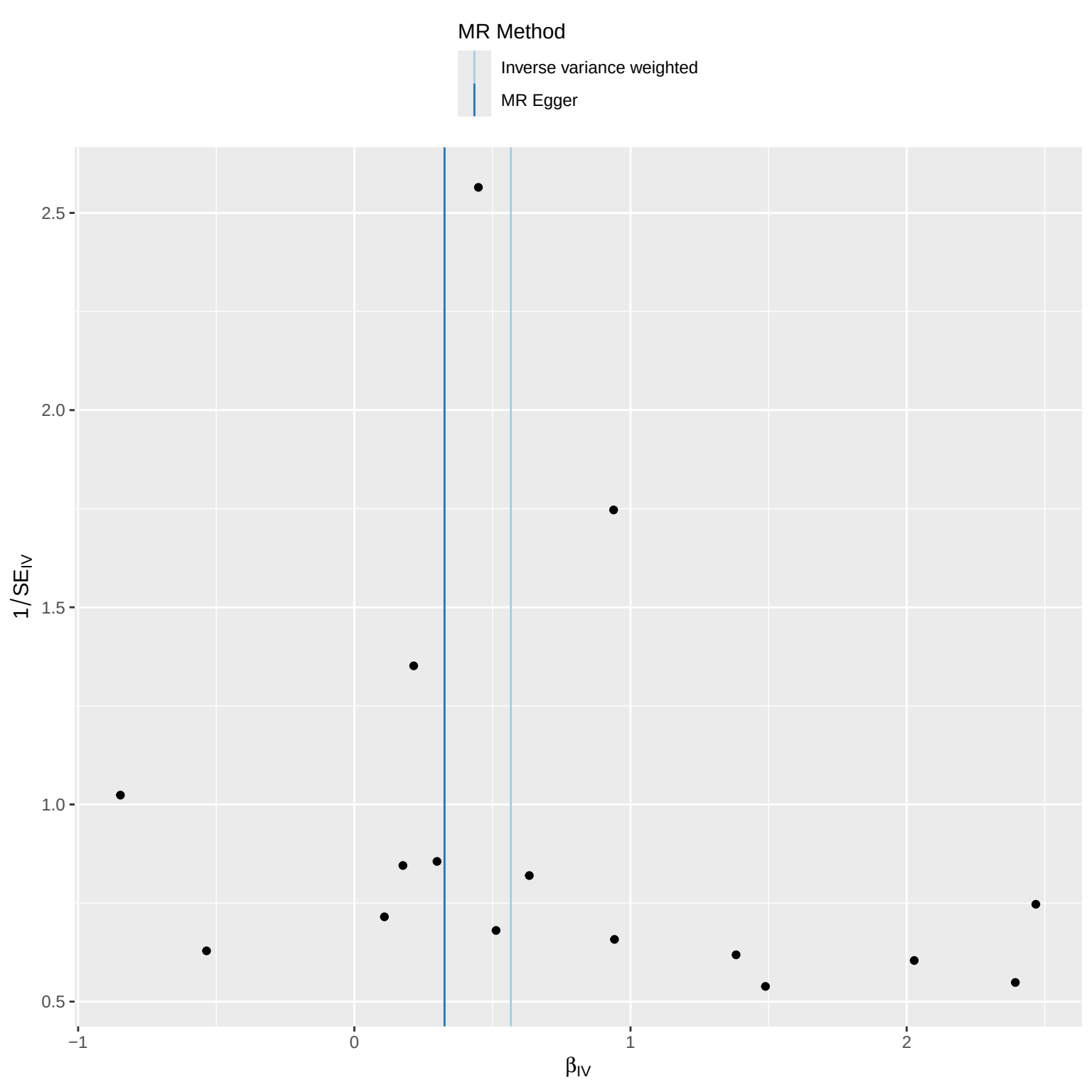

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
4
β_IV

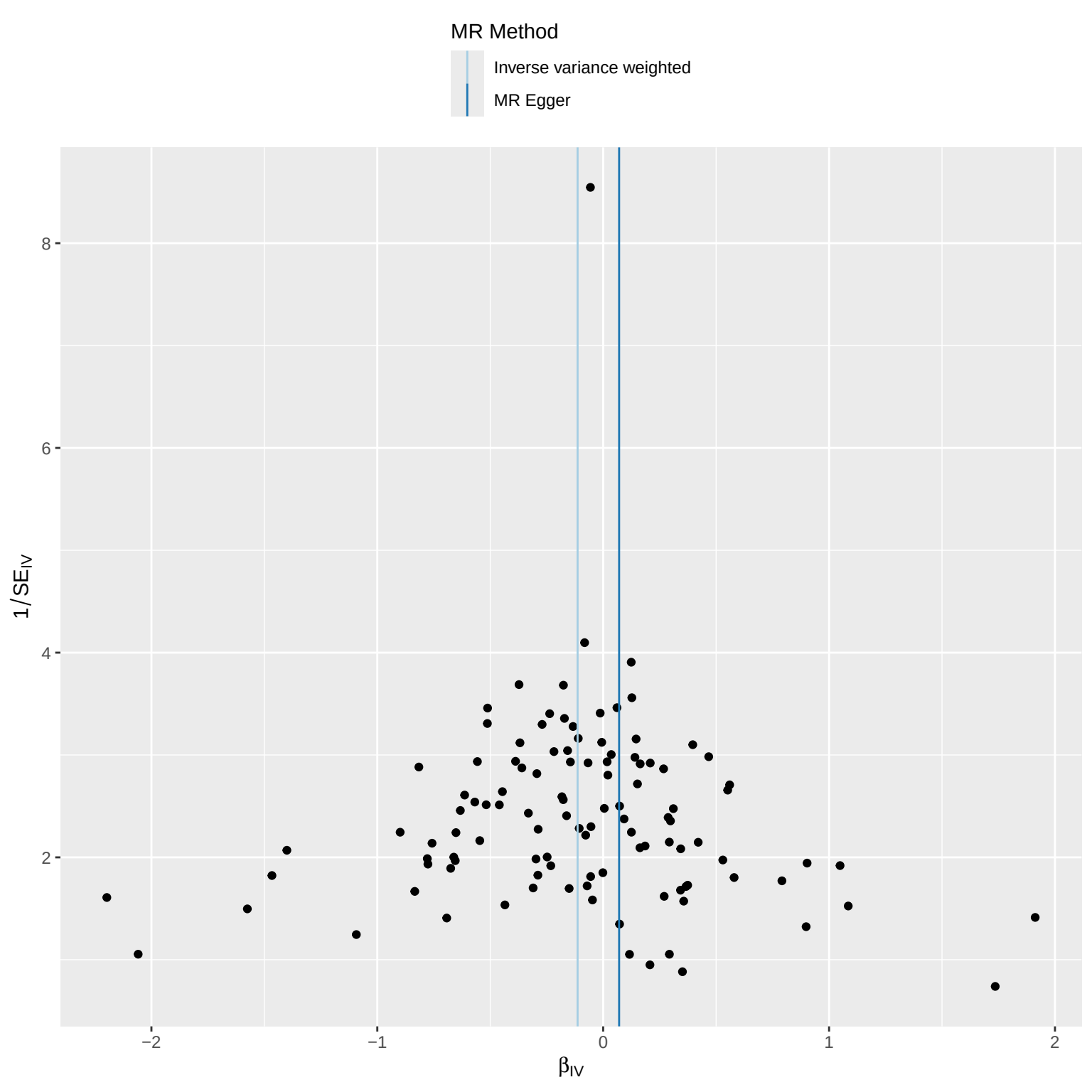

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

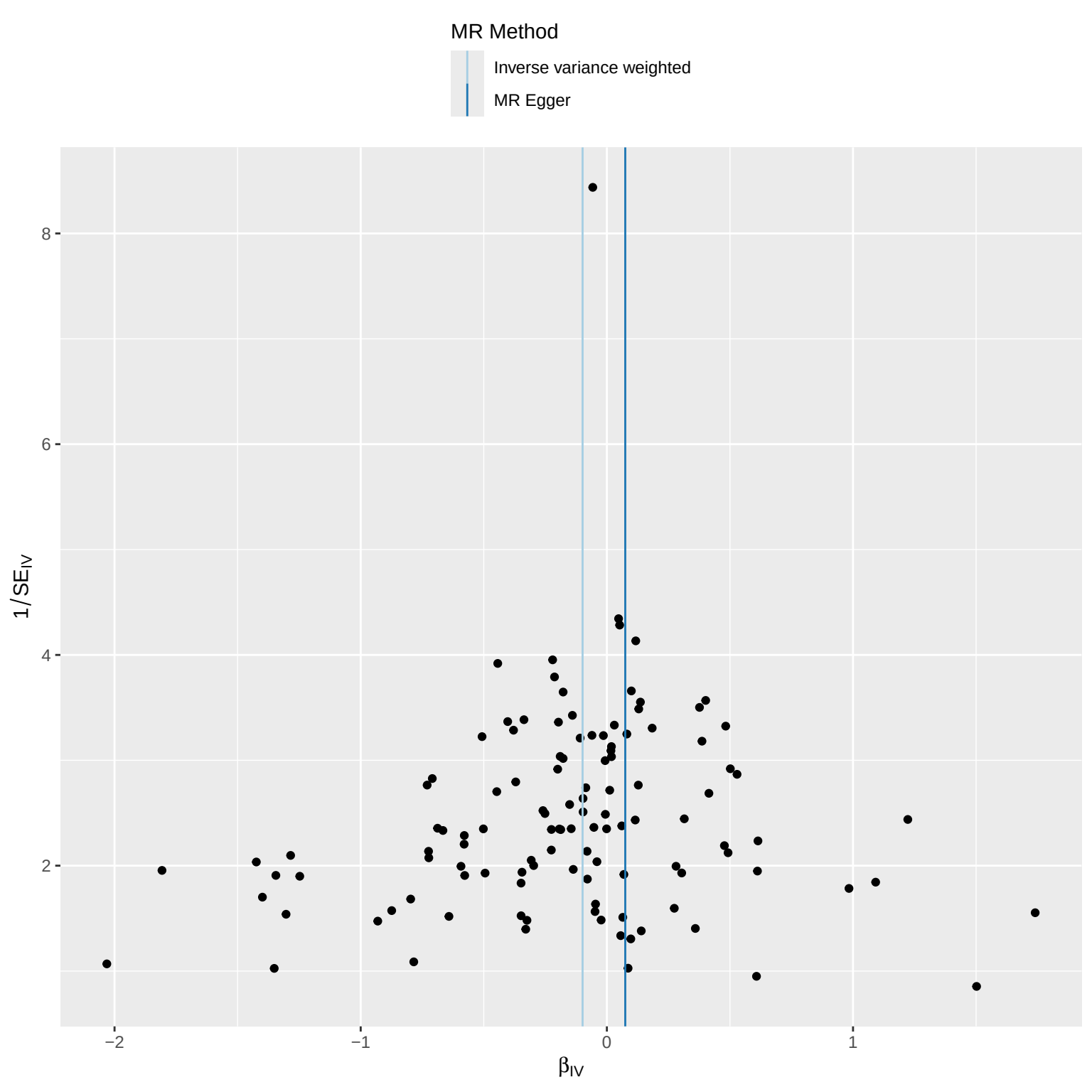

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−2
0
2
4
β_IV

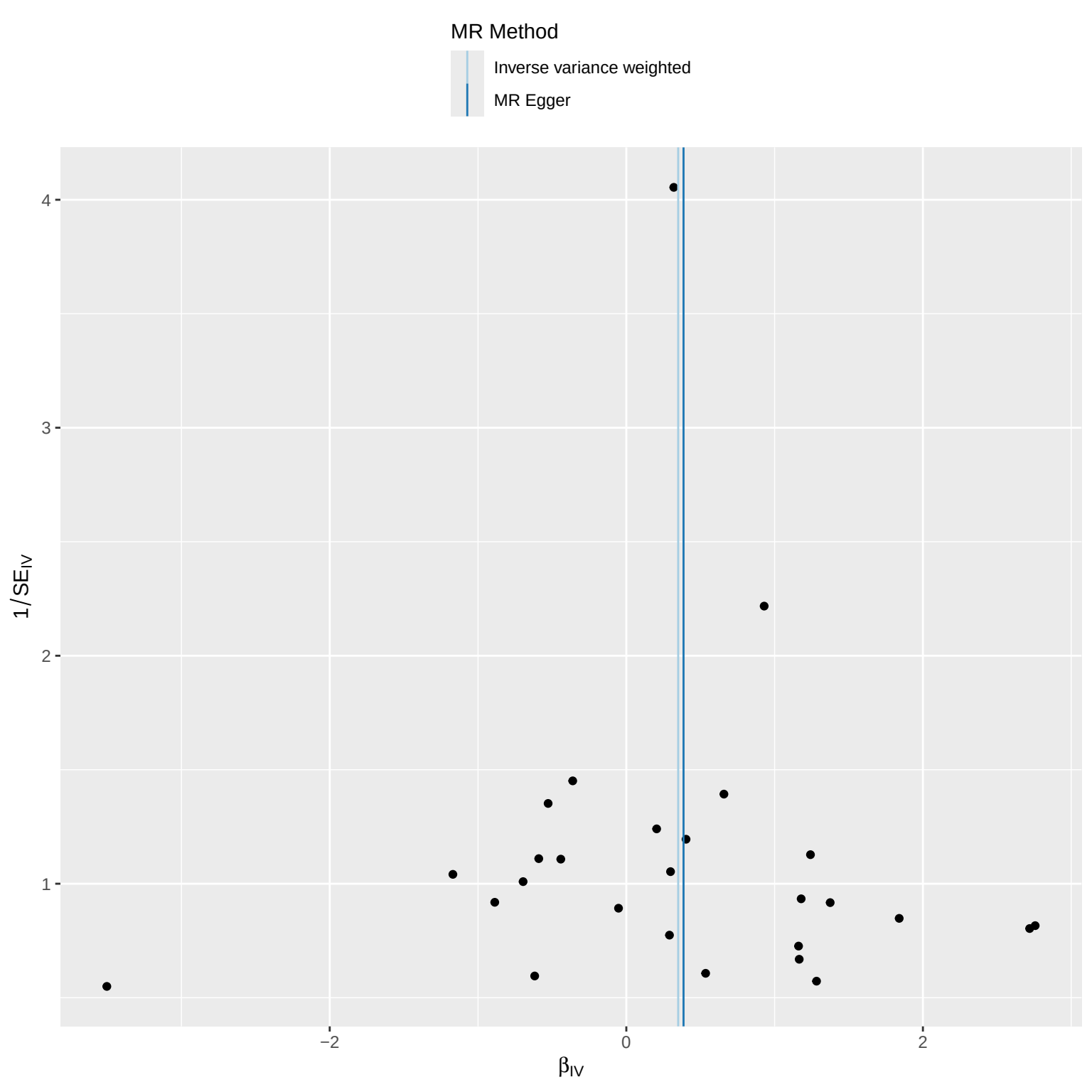

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−3
−2
−1
0
1
2
3

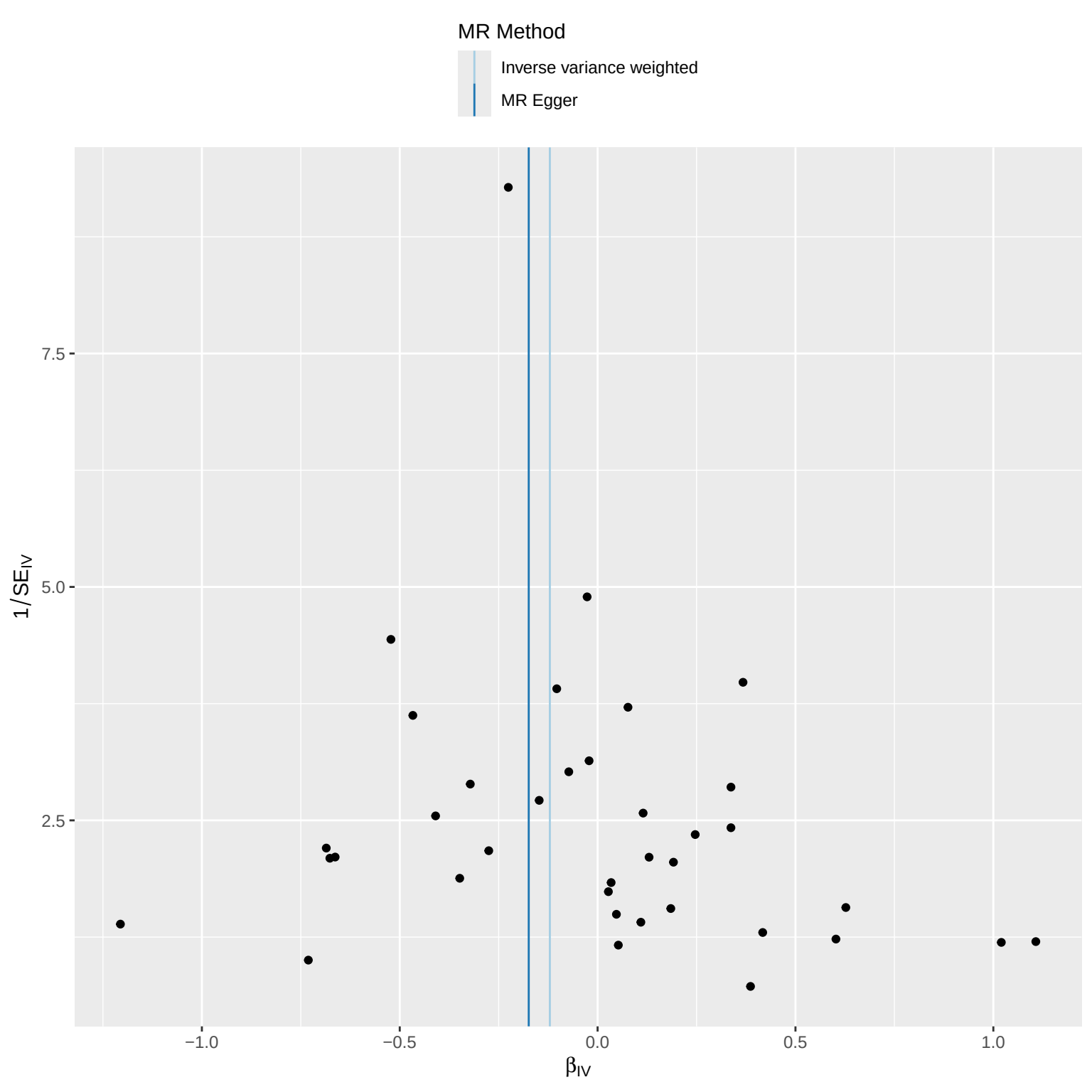

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
β_IV

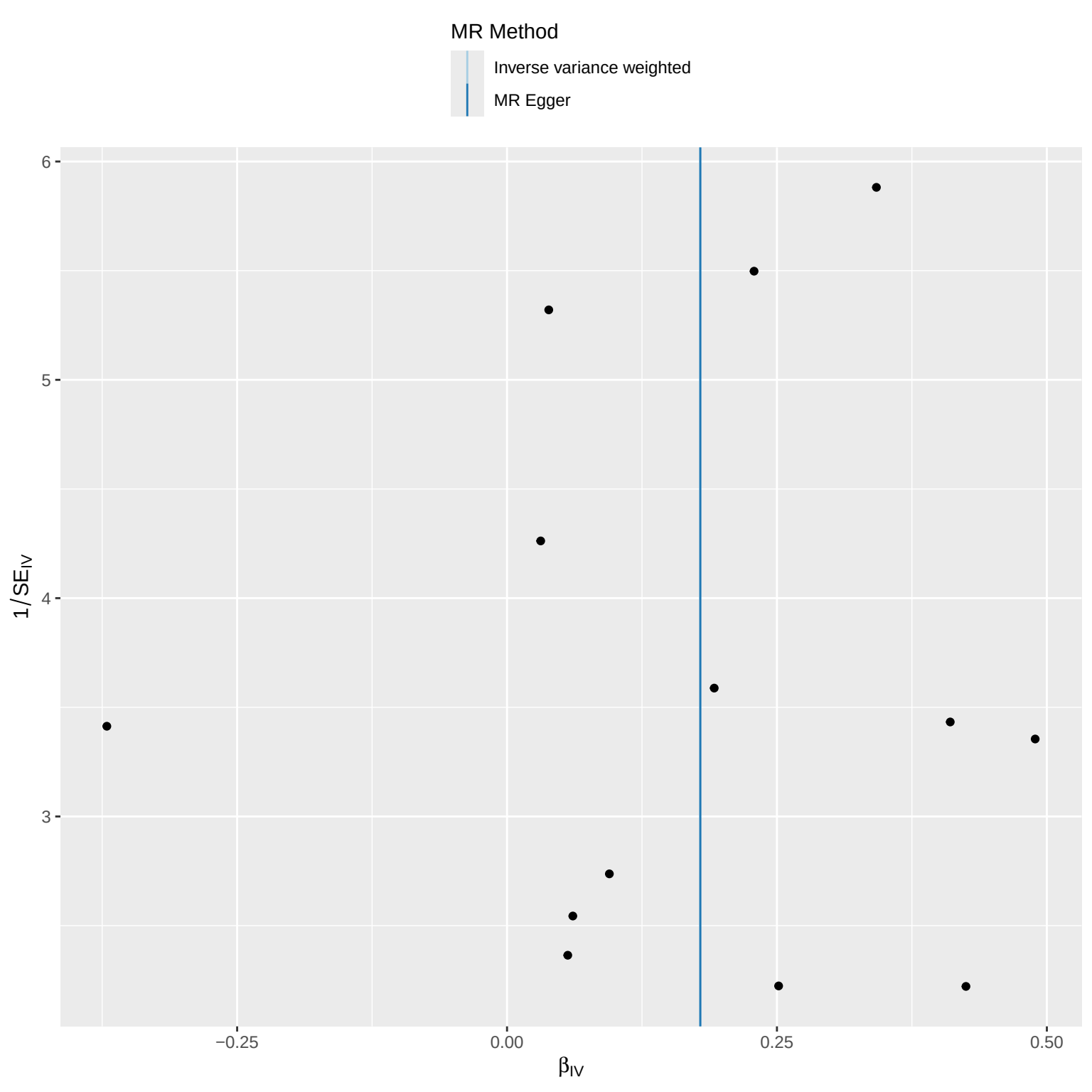

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

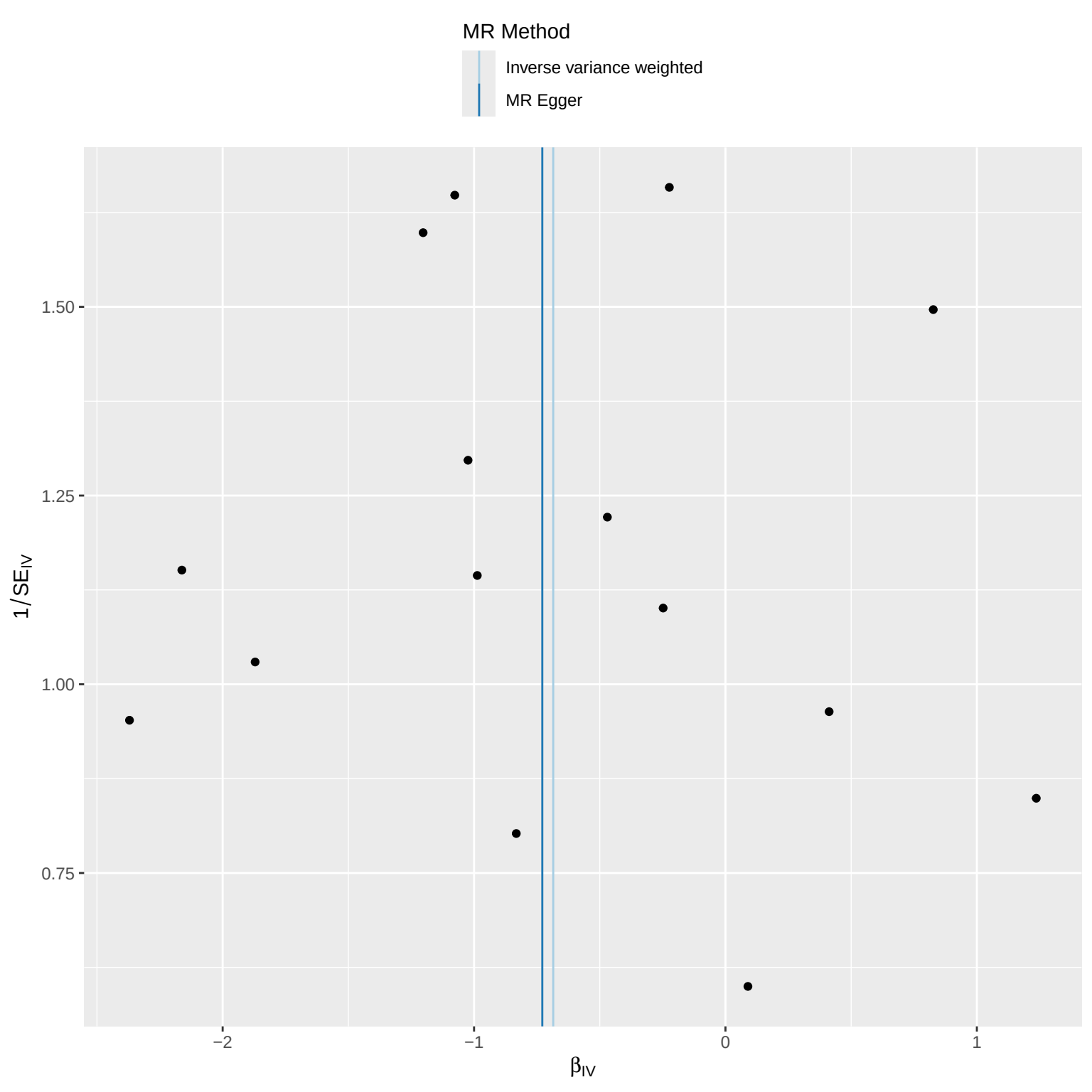

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

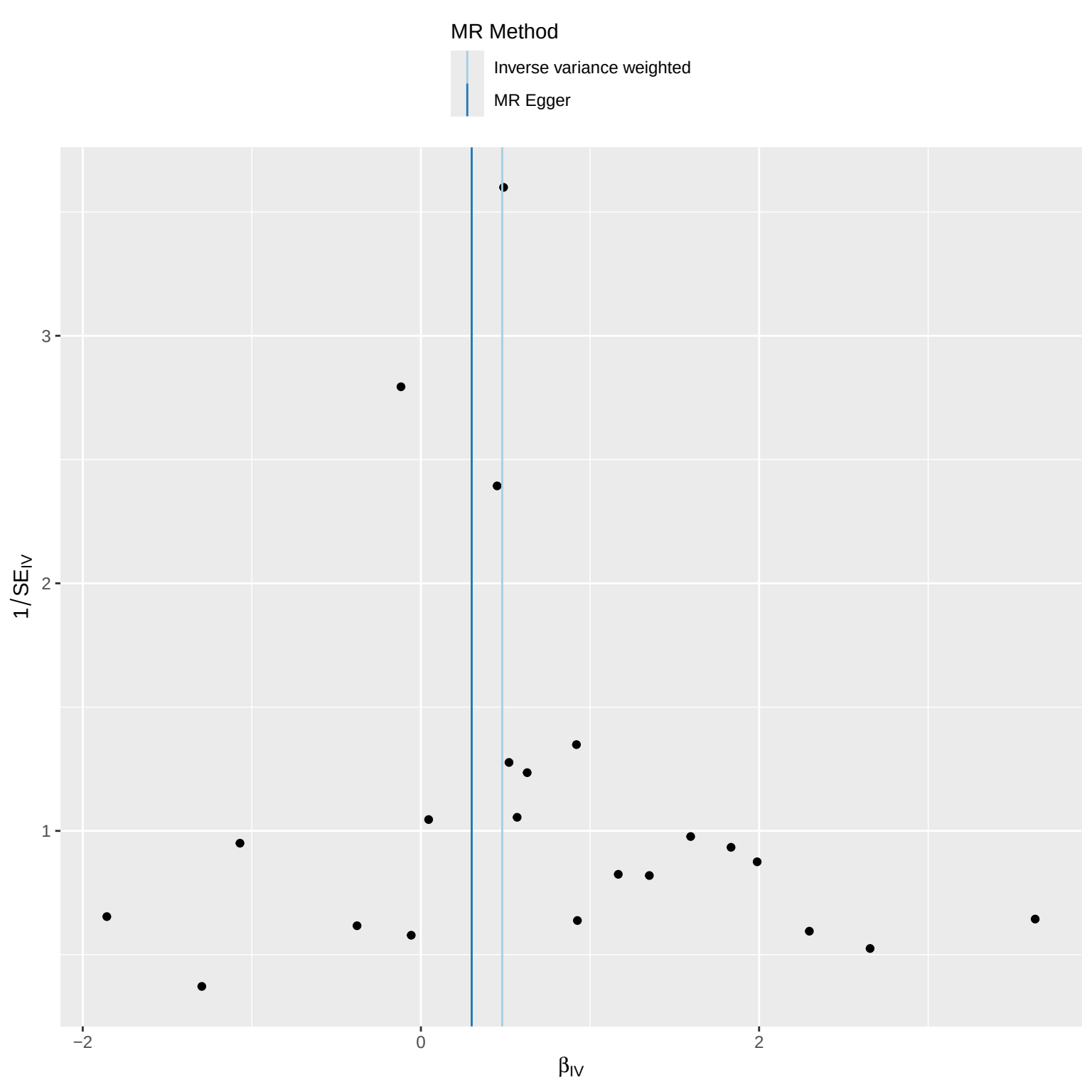

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

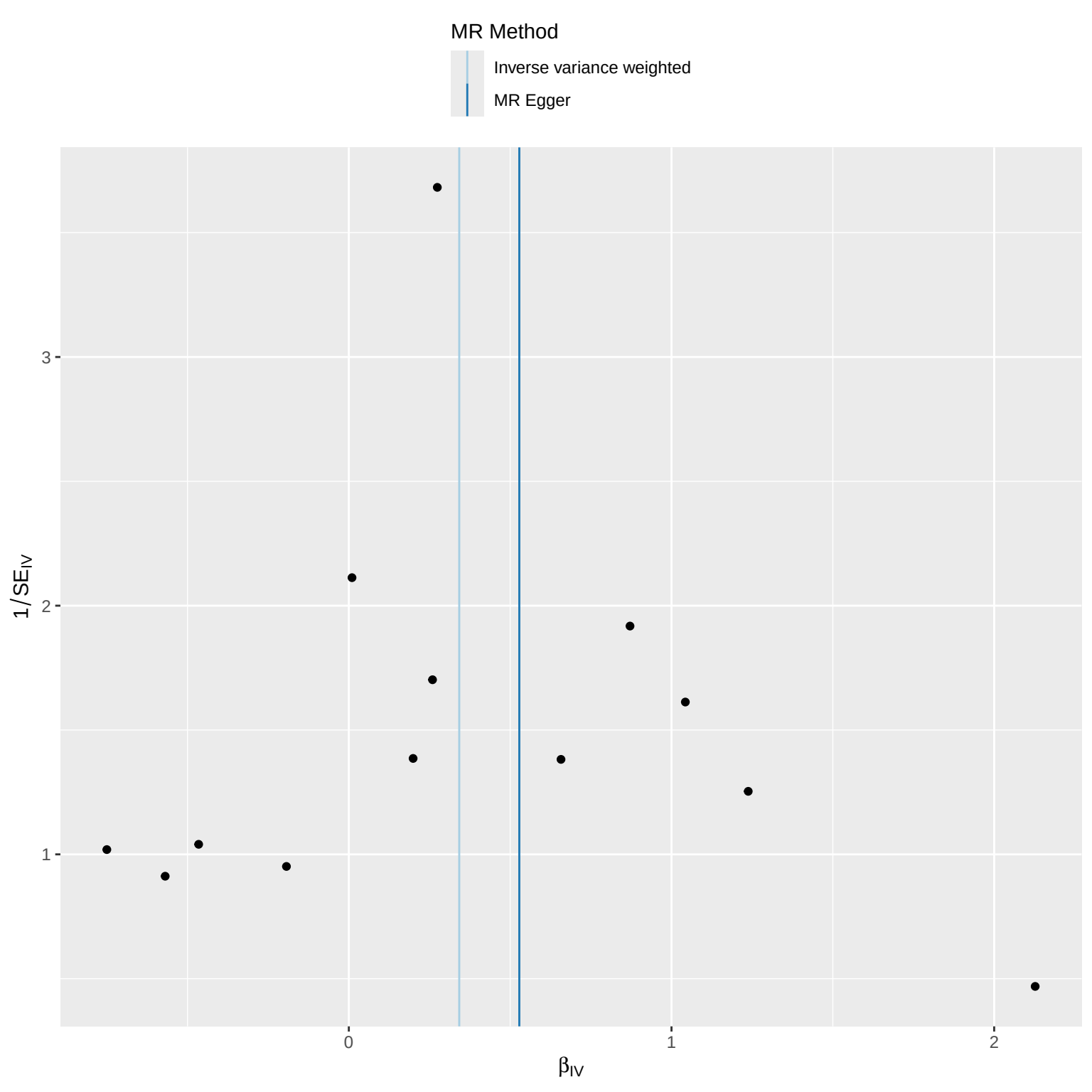

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

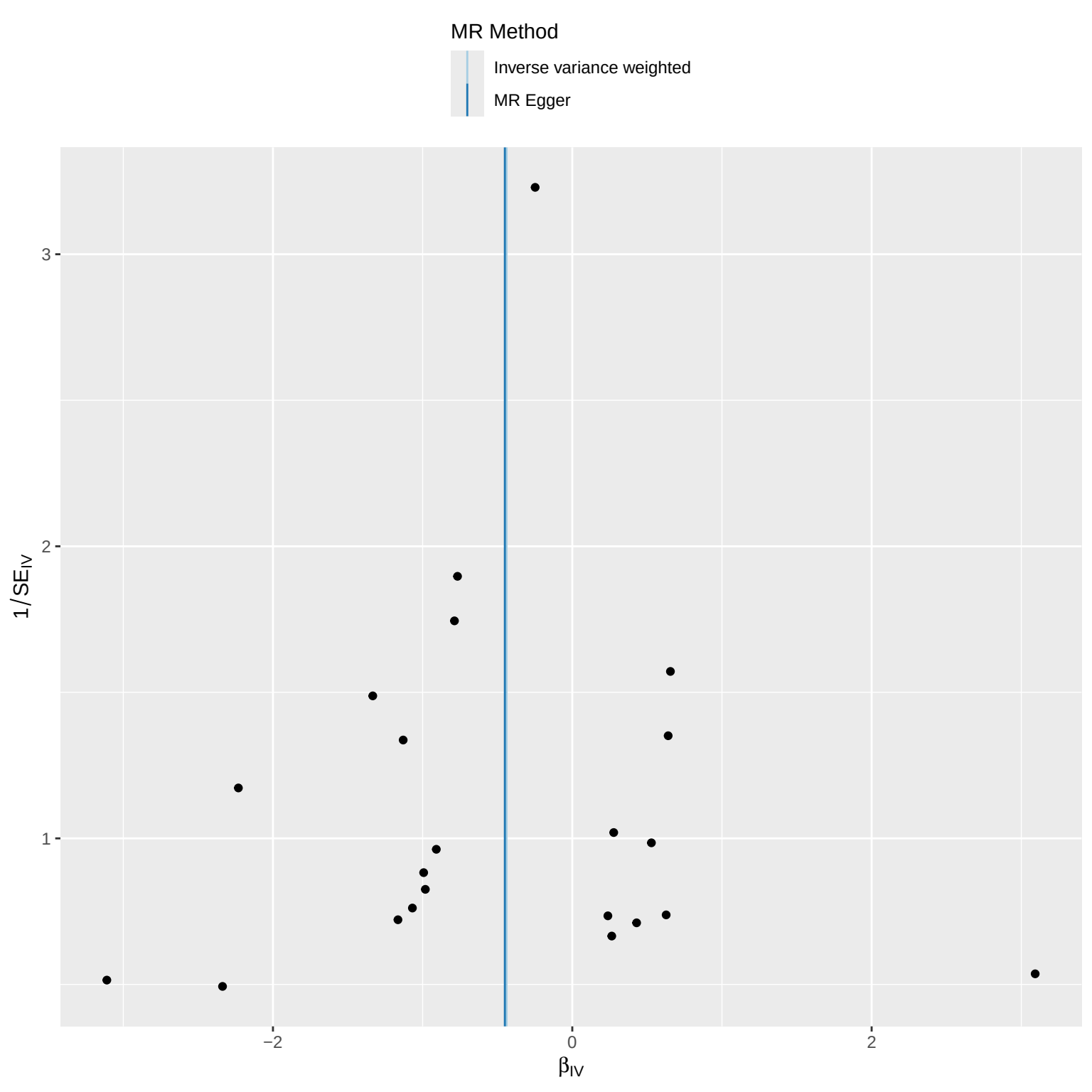

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

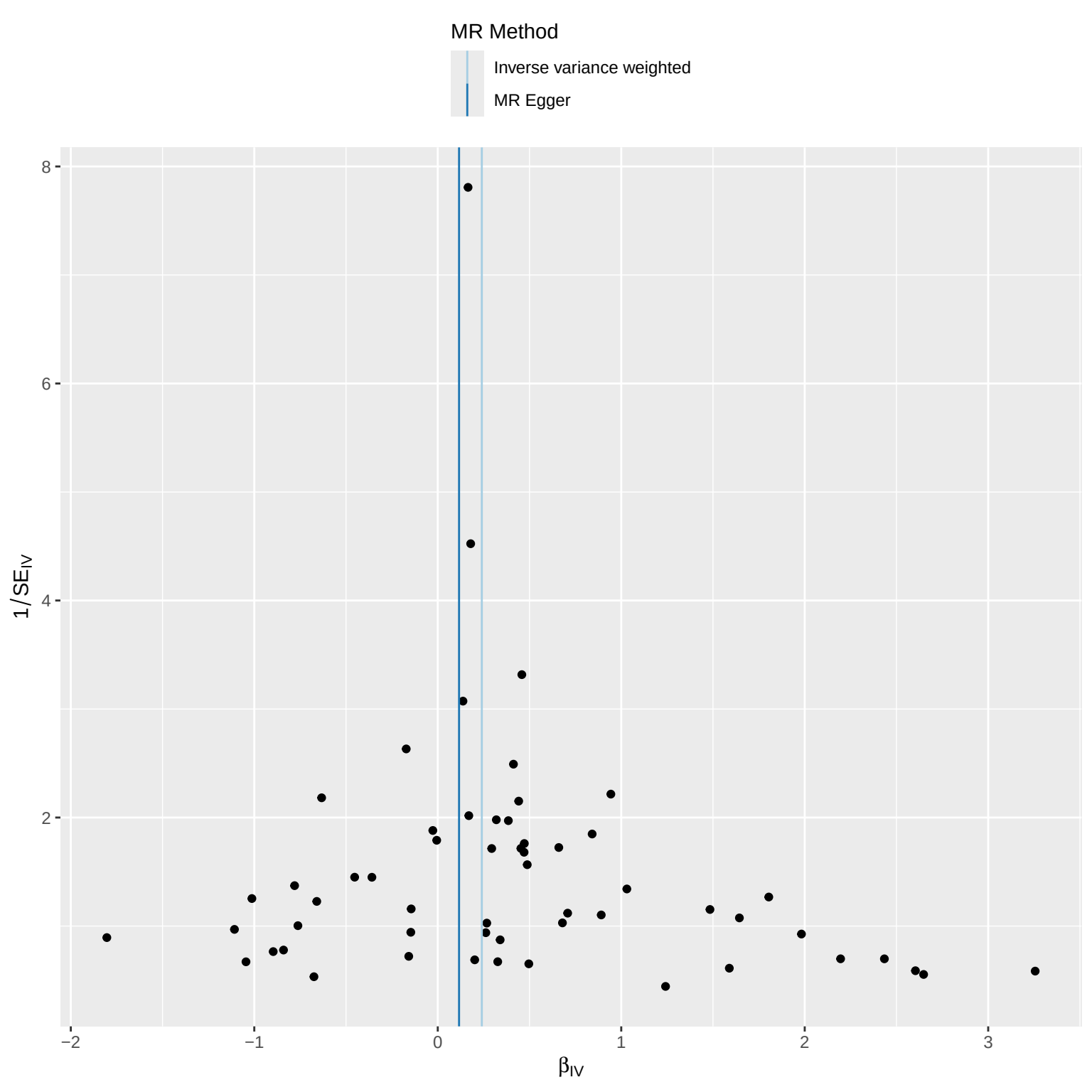

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
1/SE_IV
−0.25
0.00
0.25
0.50
β_IV

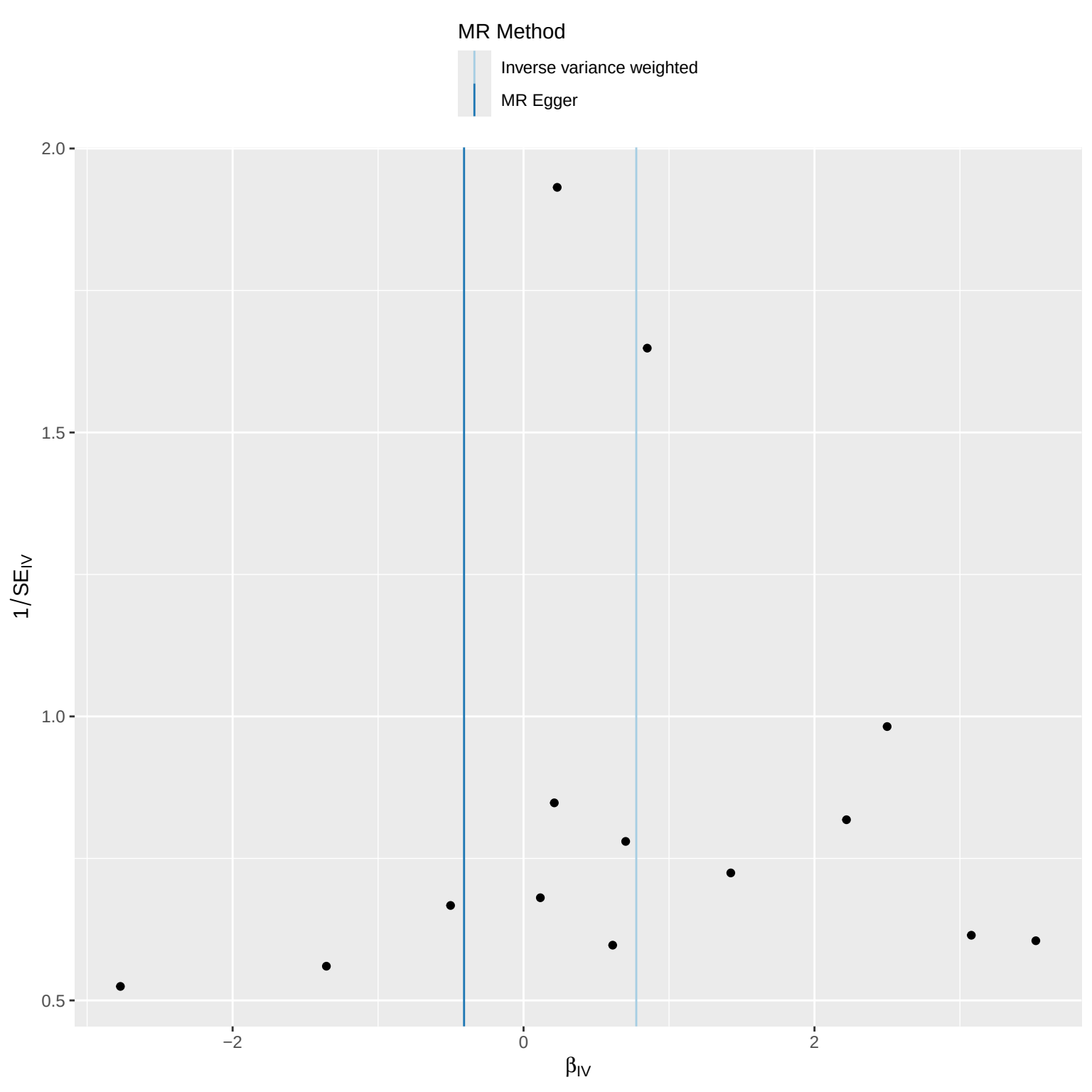

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
1
β_IV

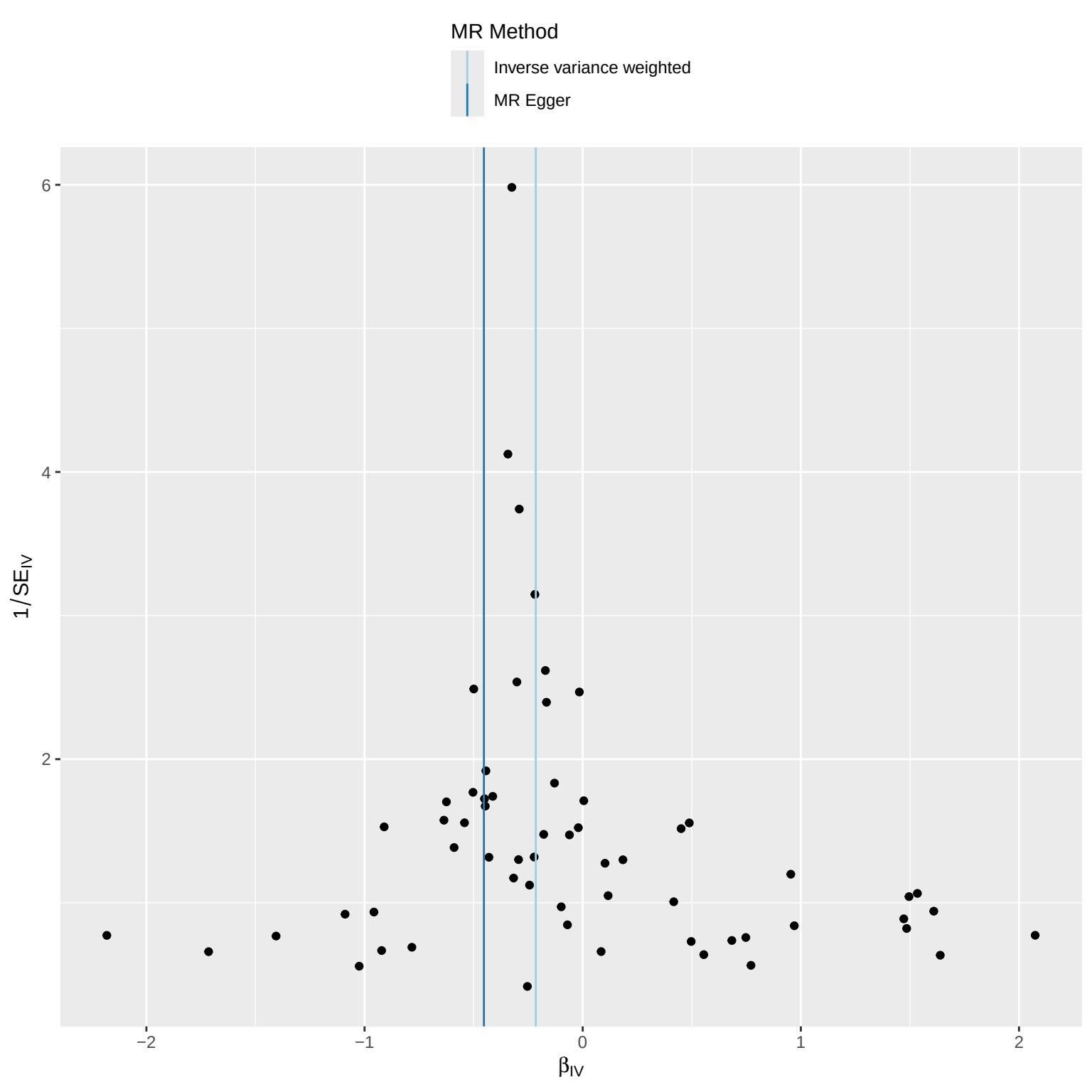

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

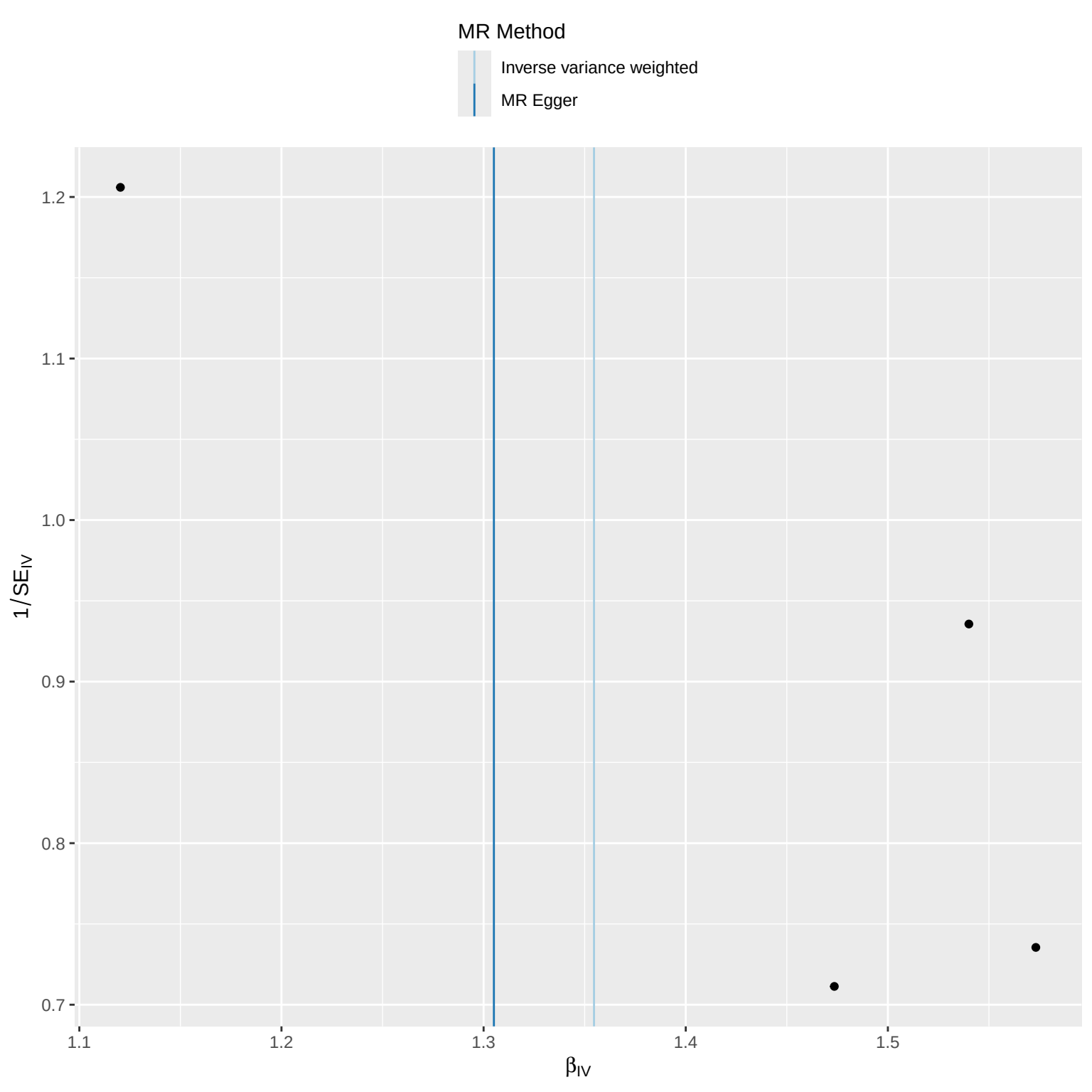

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
1/SE_IV
β_IV

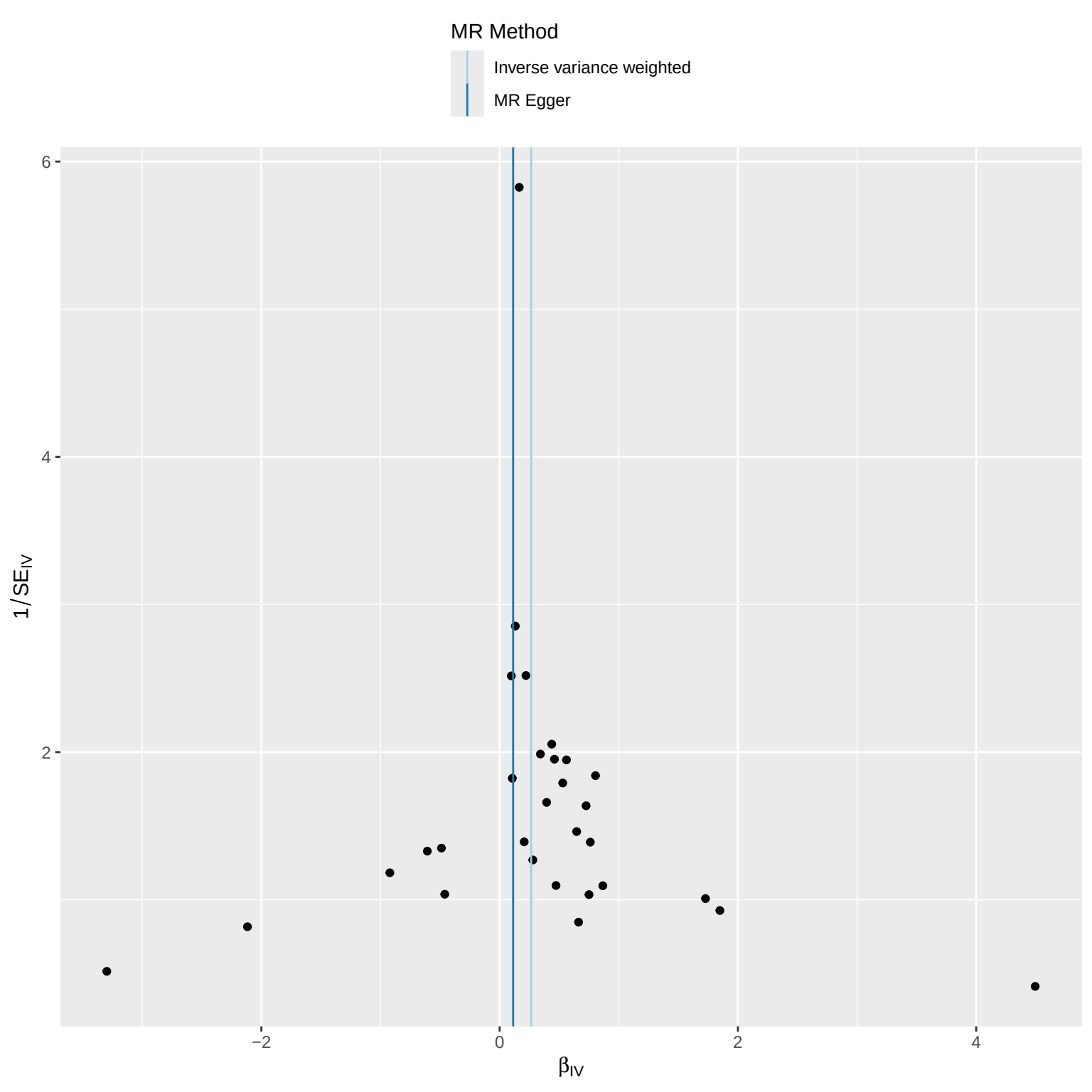

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

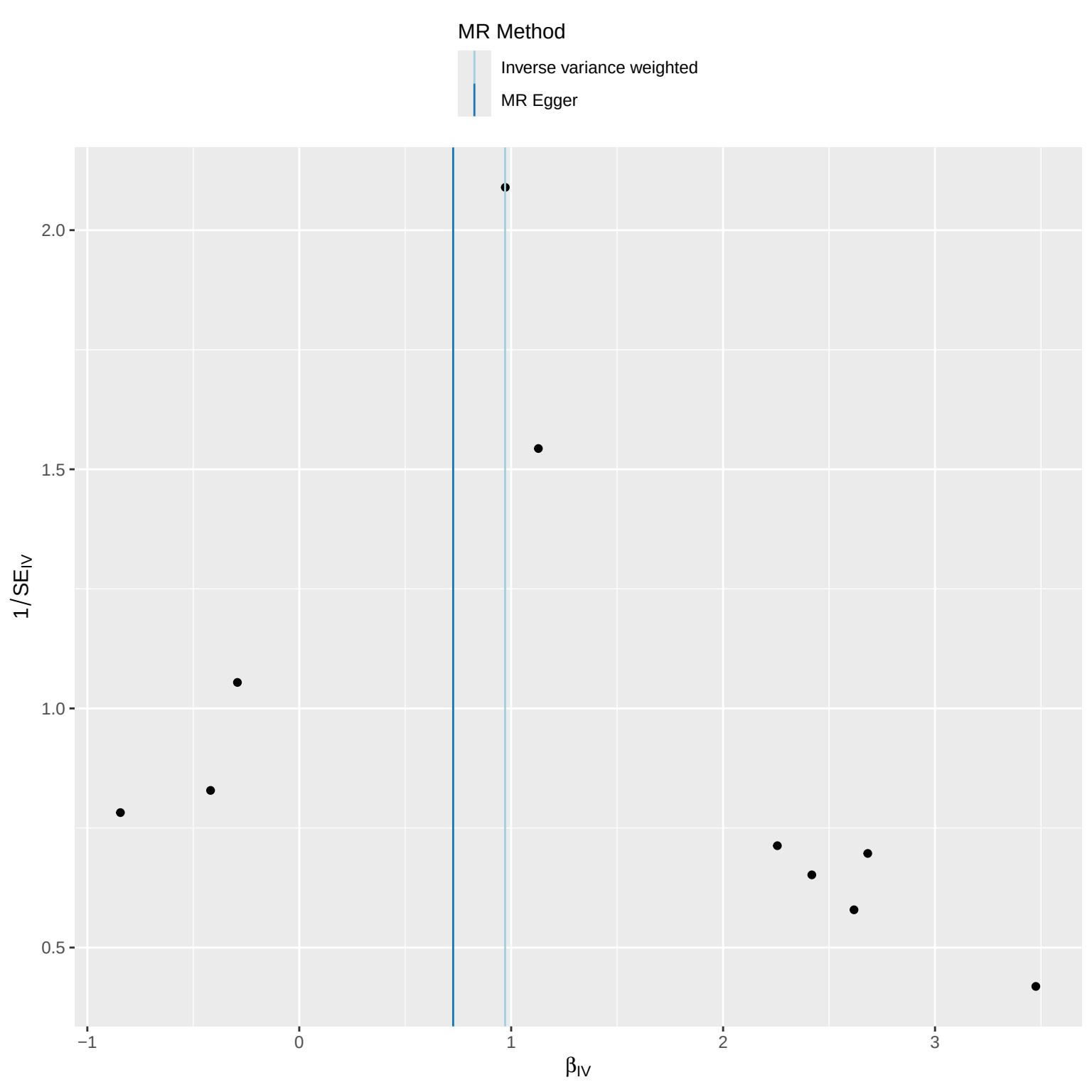

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

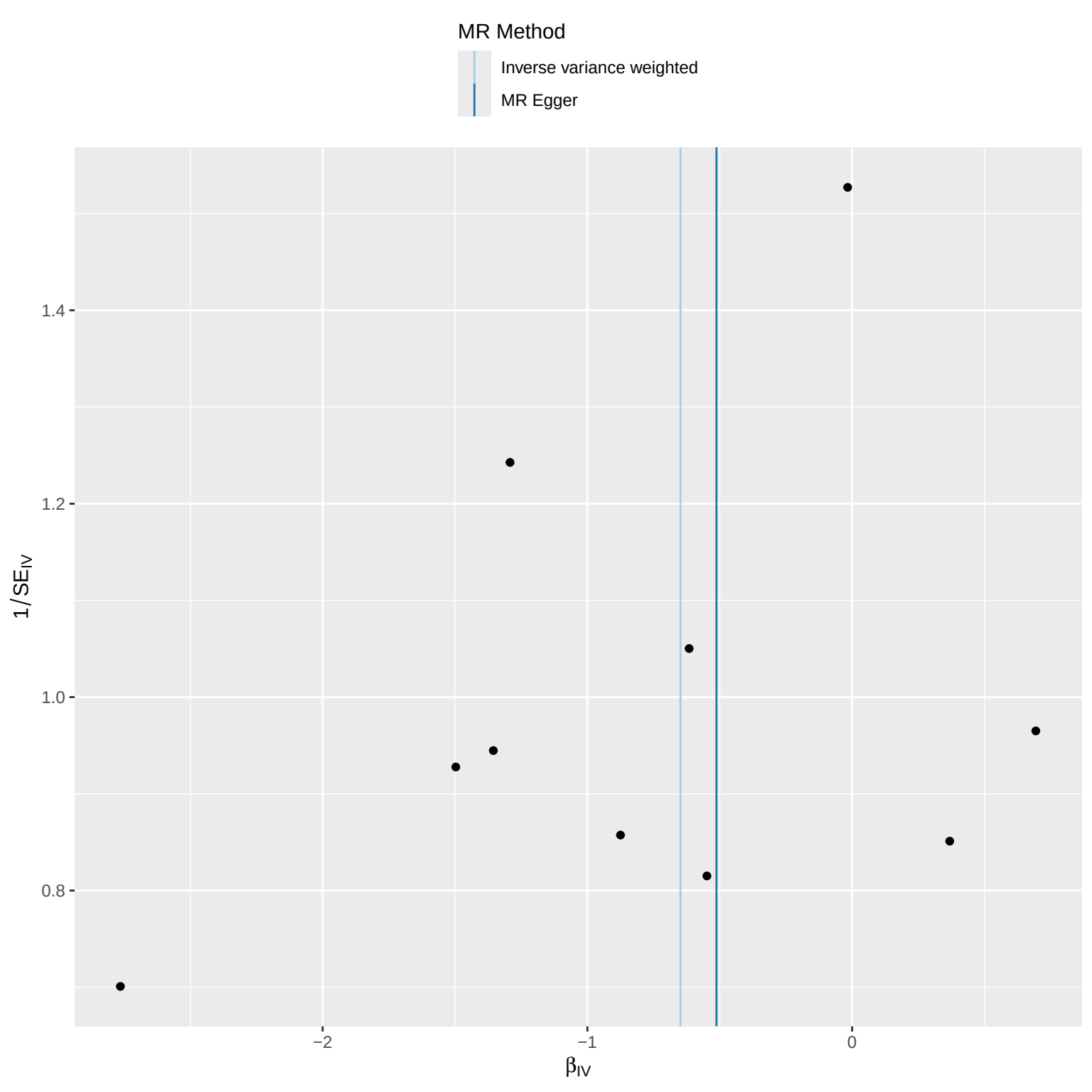

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

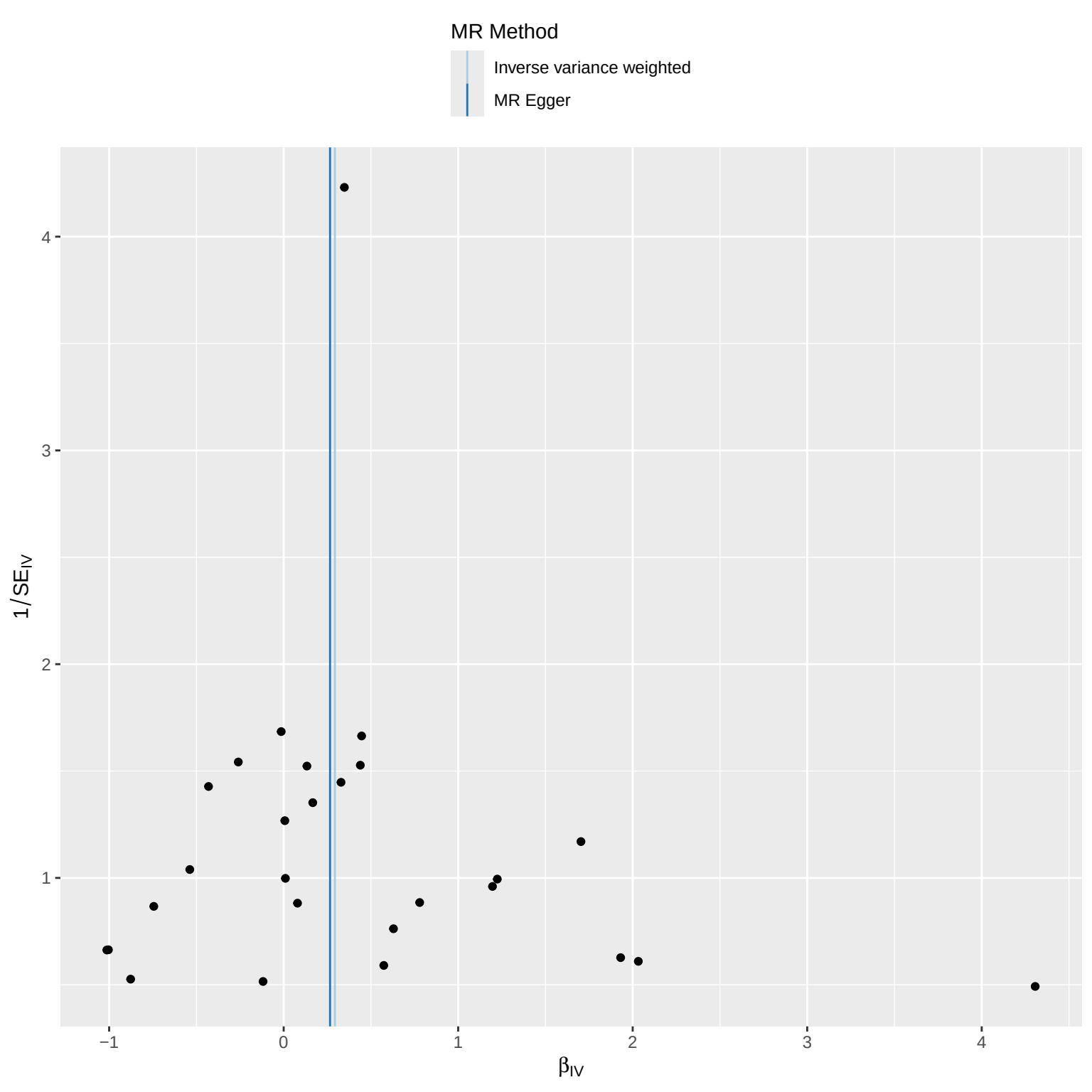

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

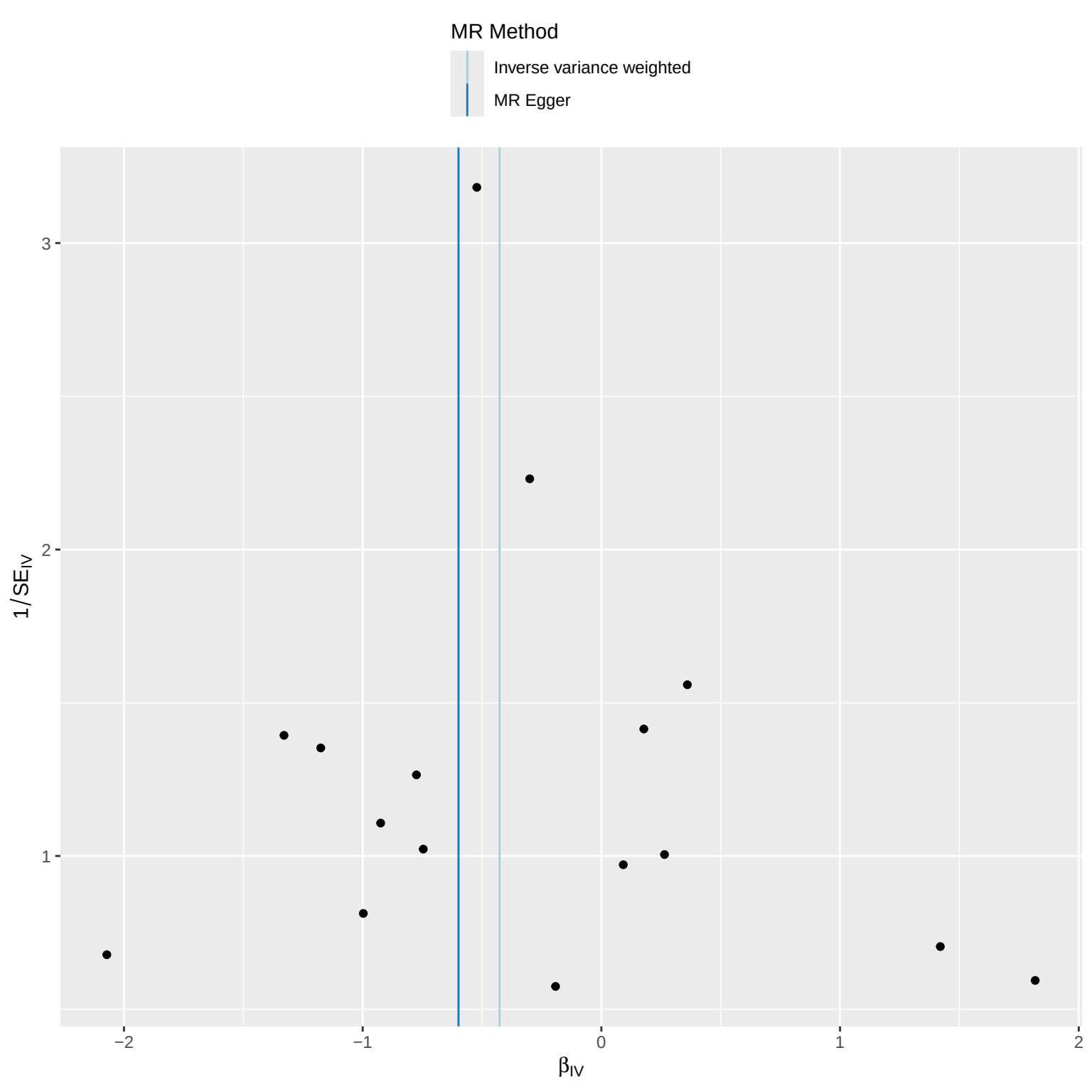

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
0.9
0.8
0.7
1/SE_IV
1.1
1.2
1.3
1.4
1.5
β_IV

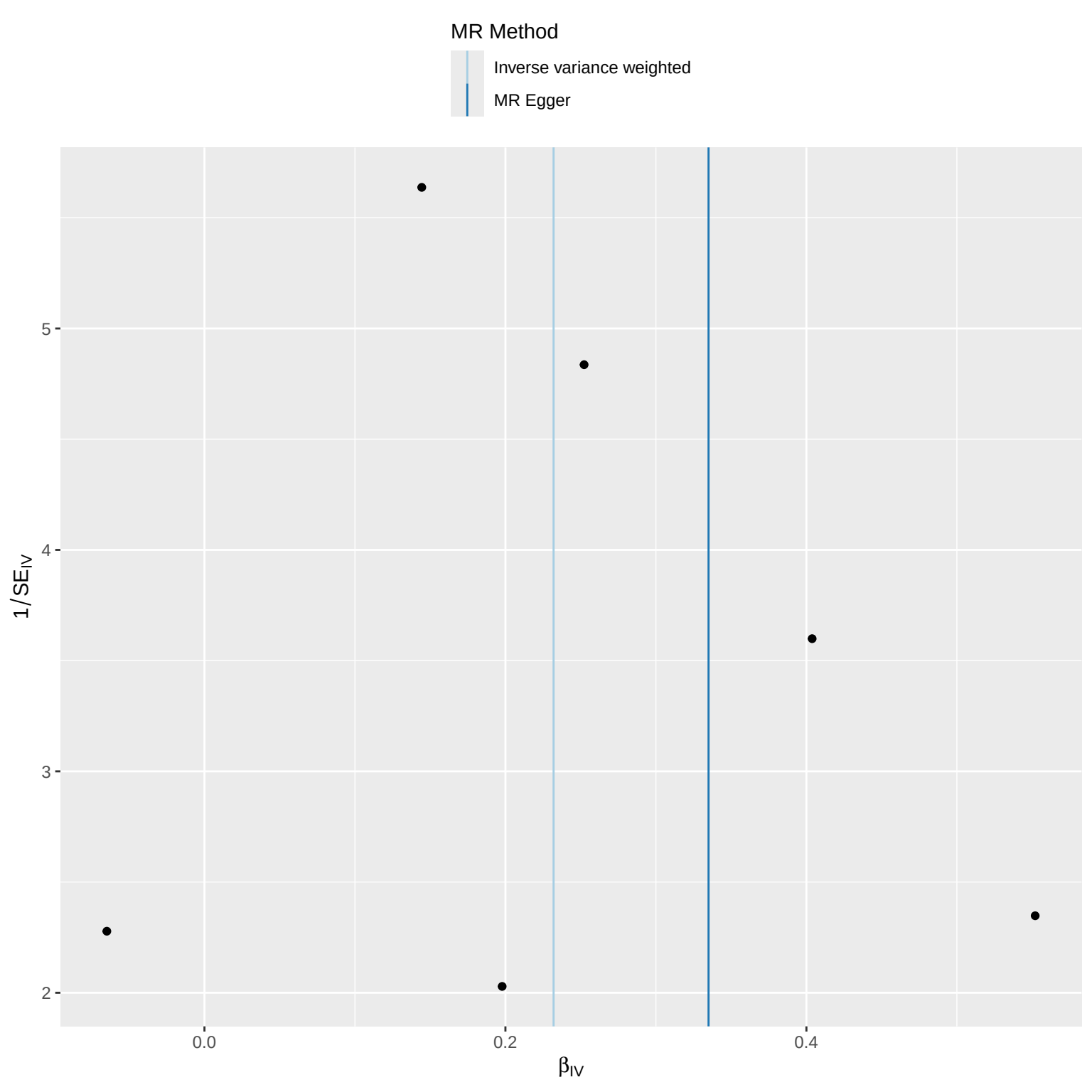

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
4
β_IV

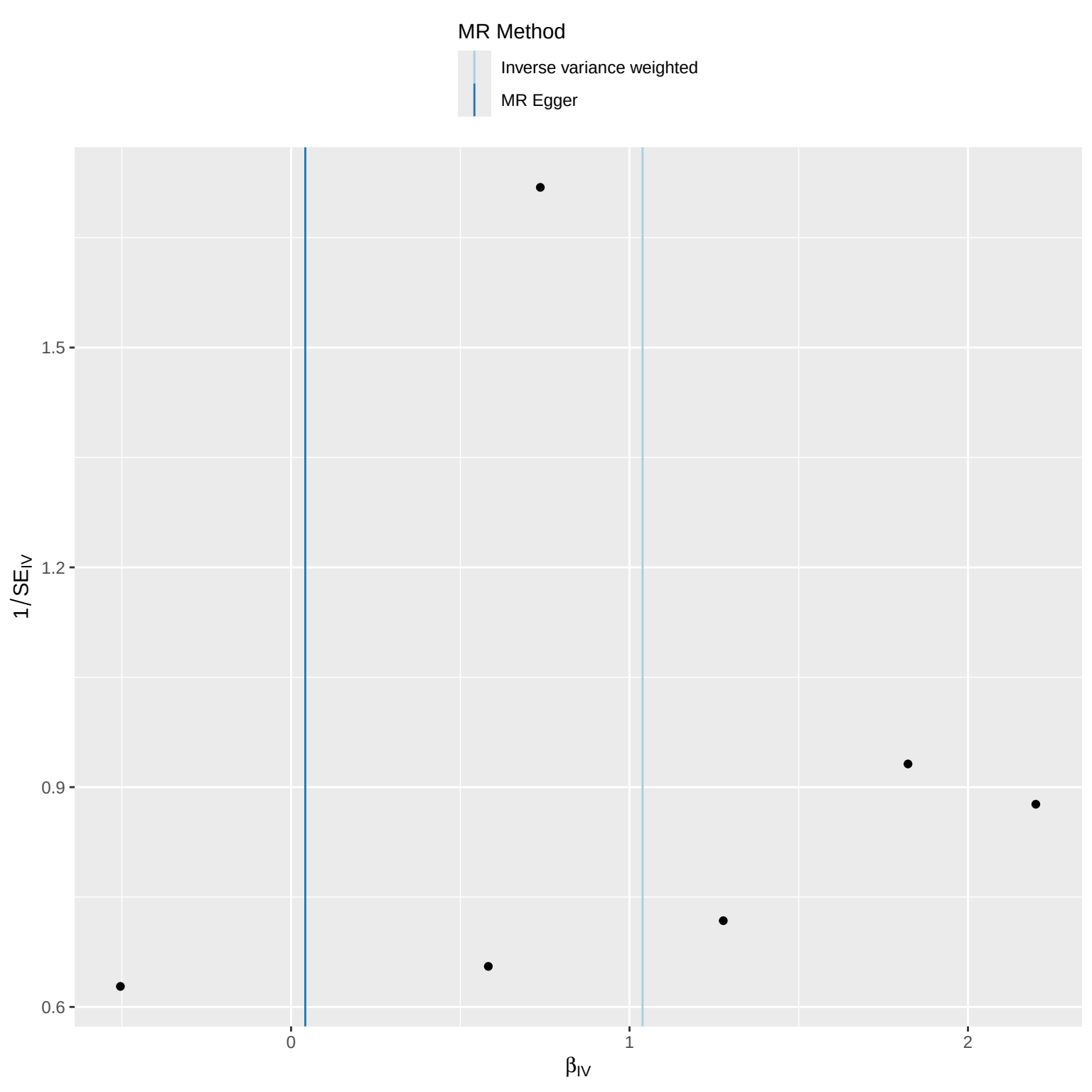

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

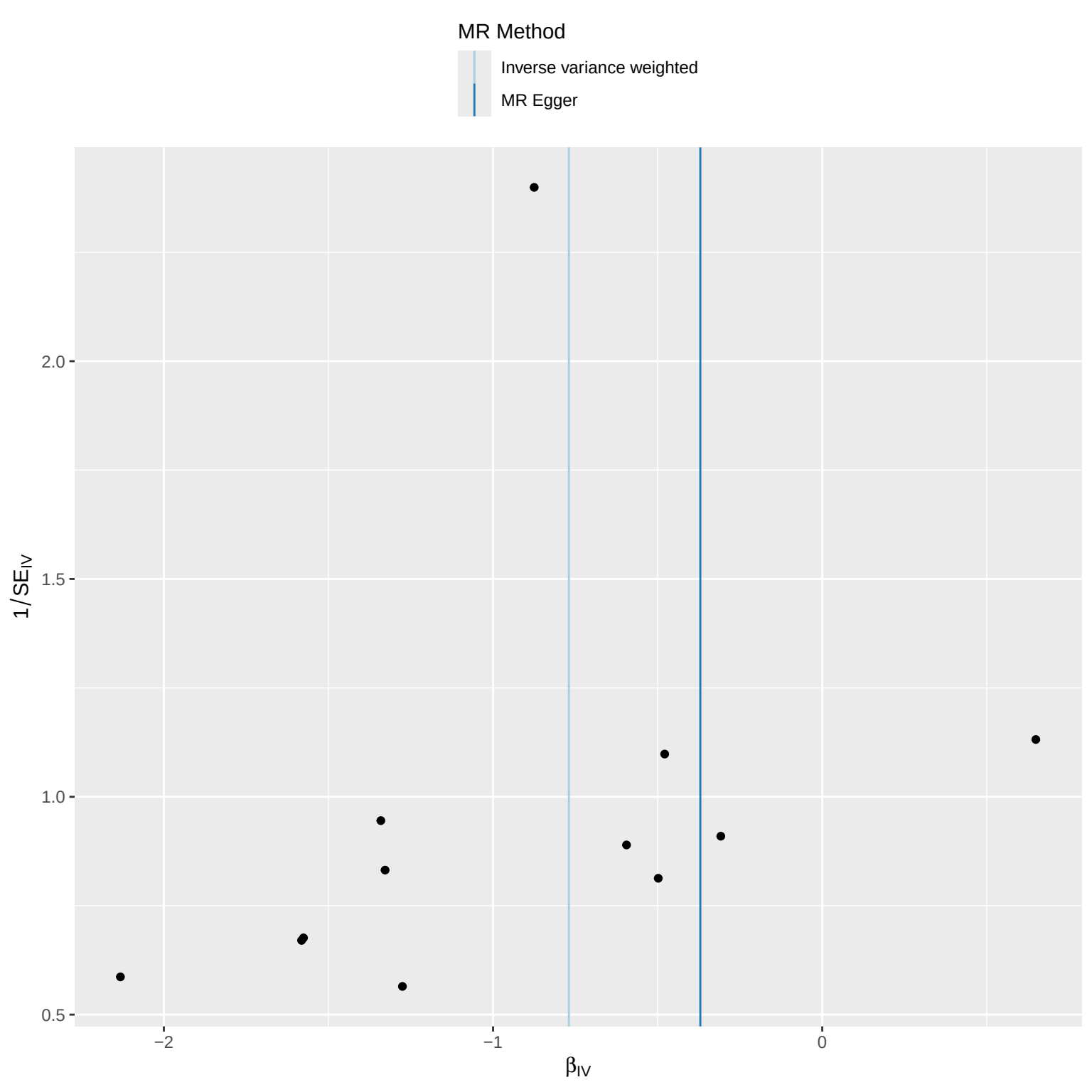

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
−2
−1
0
β_IV

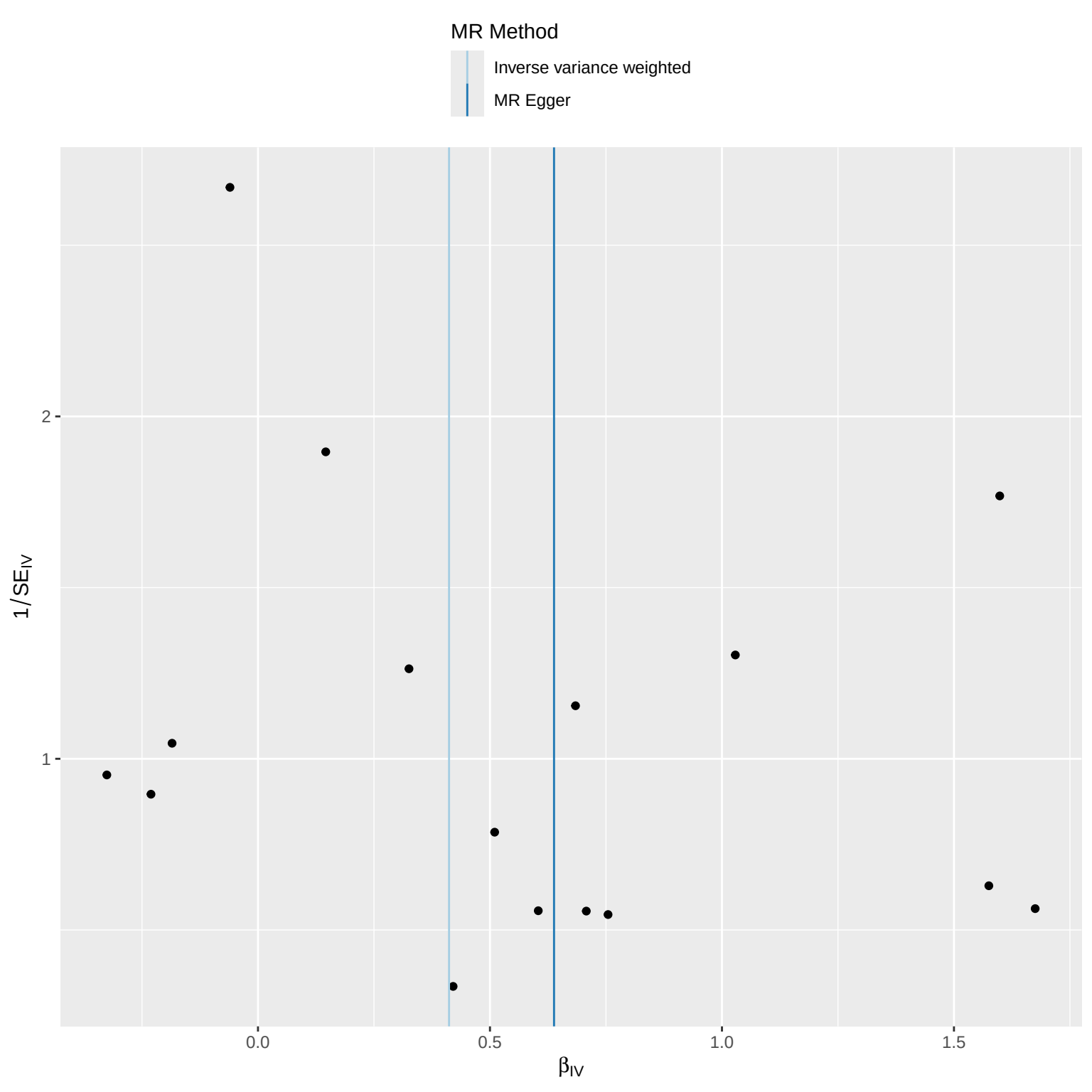

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

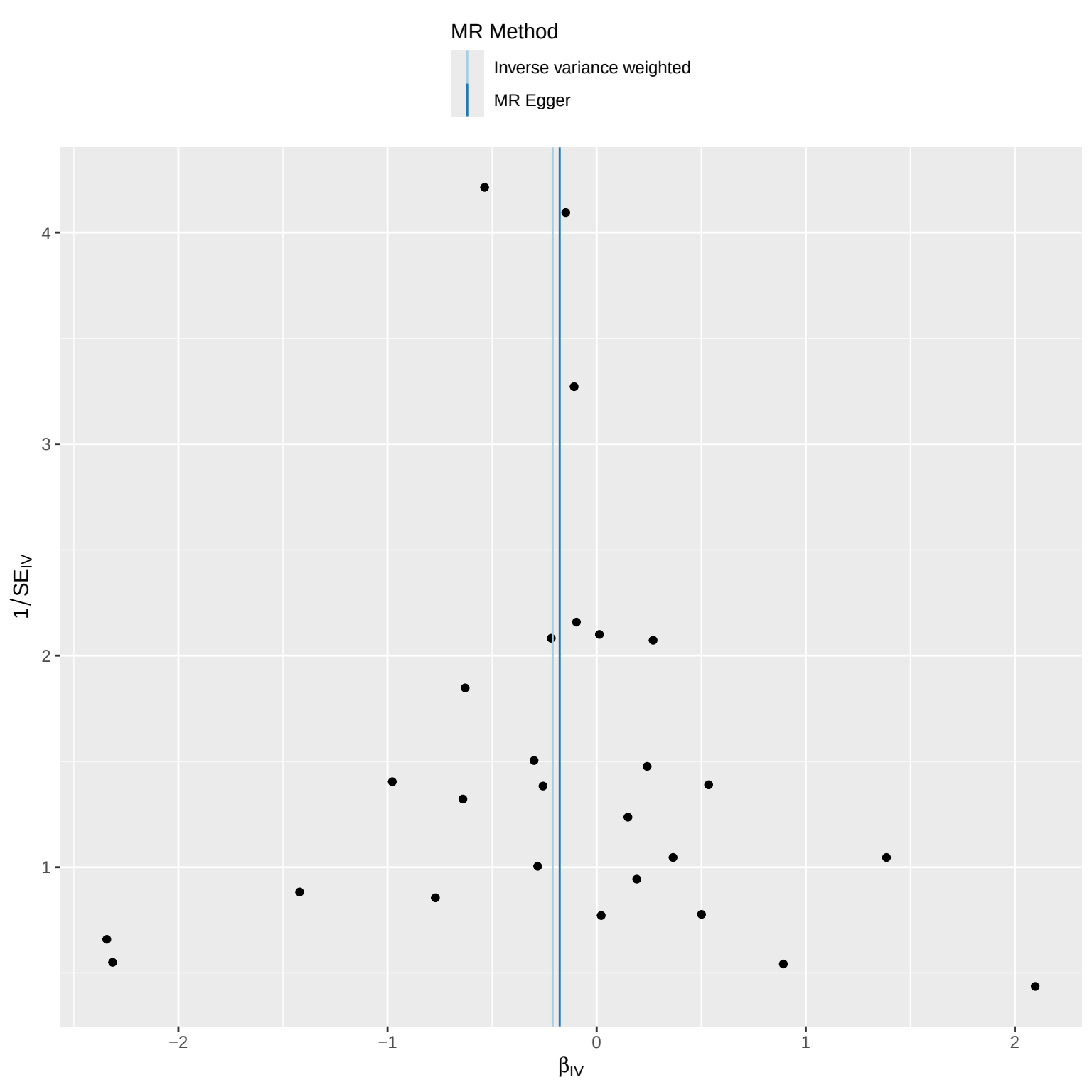

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

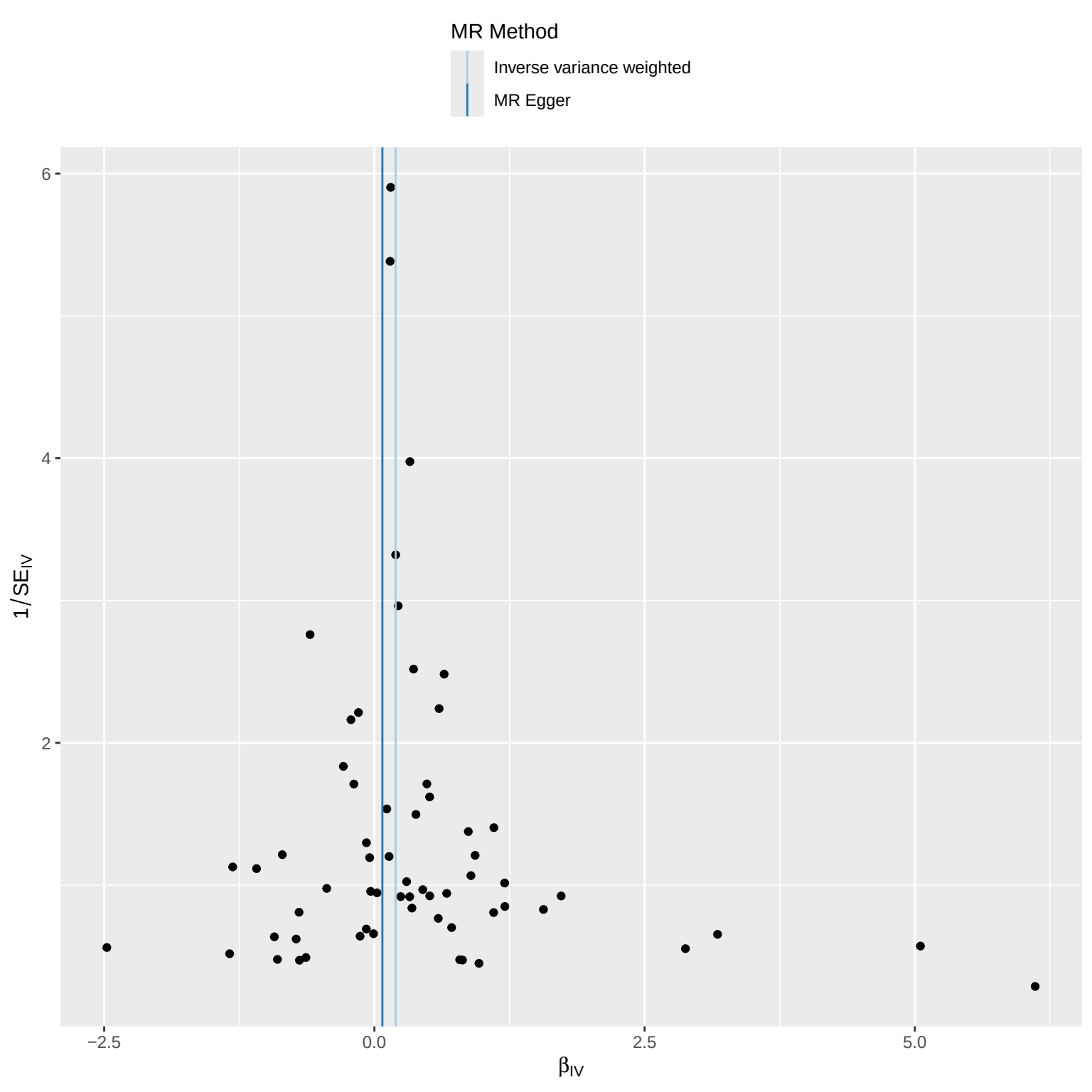

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.0
0.2
0.4
β_IV

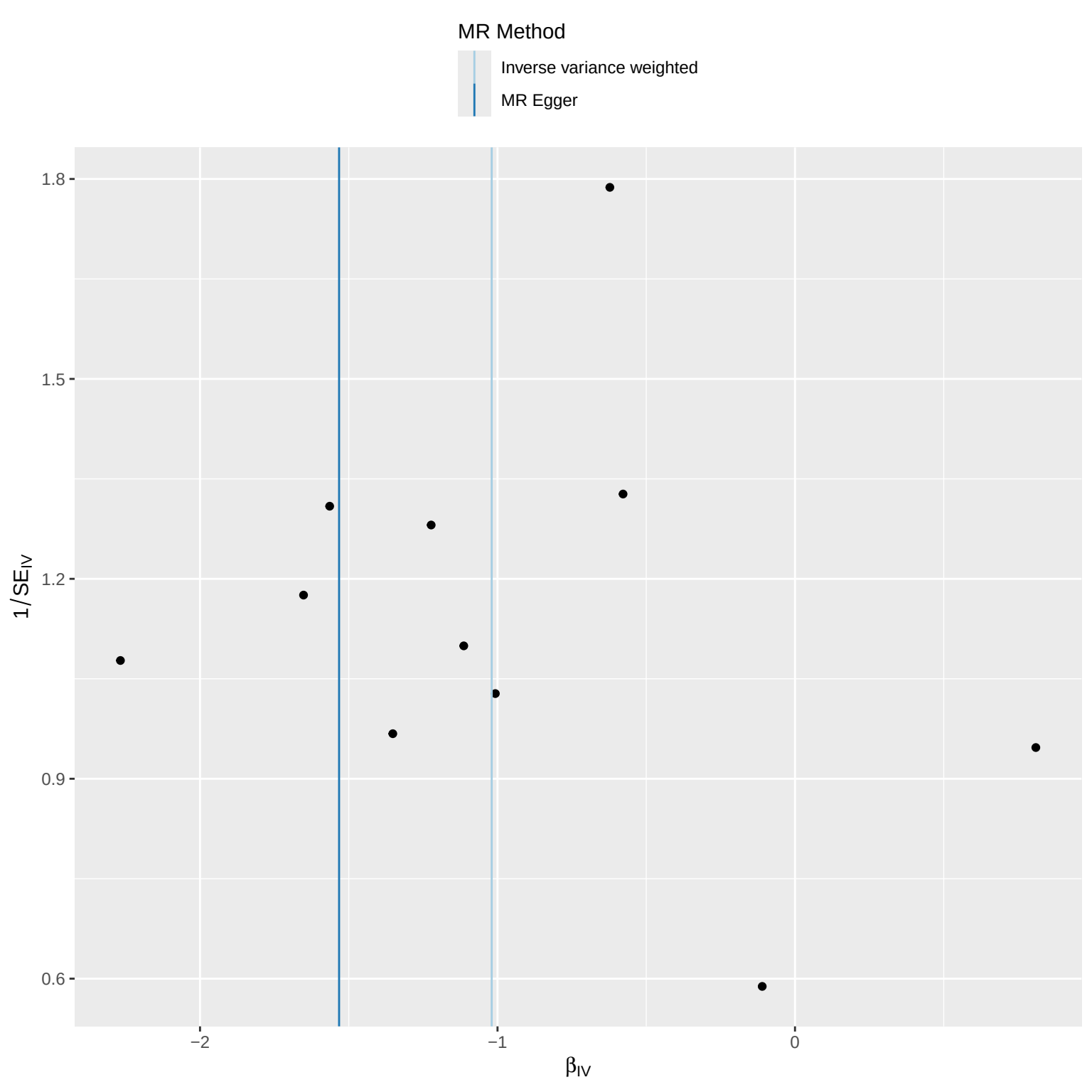

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0
1
2
β_IV

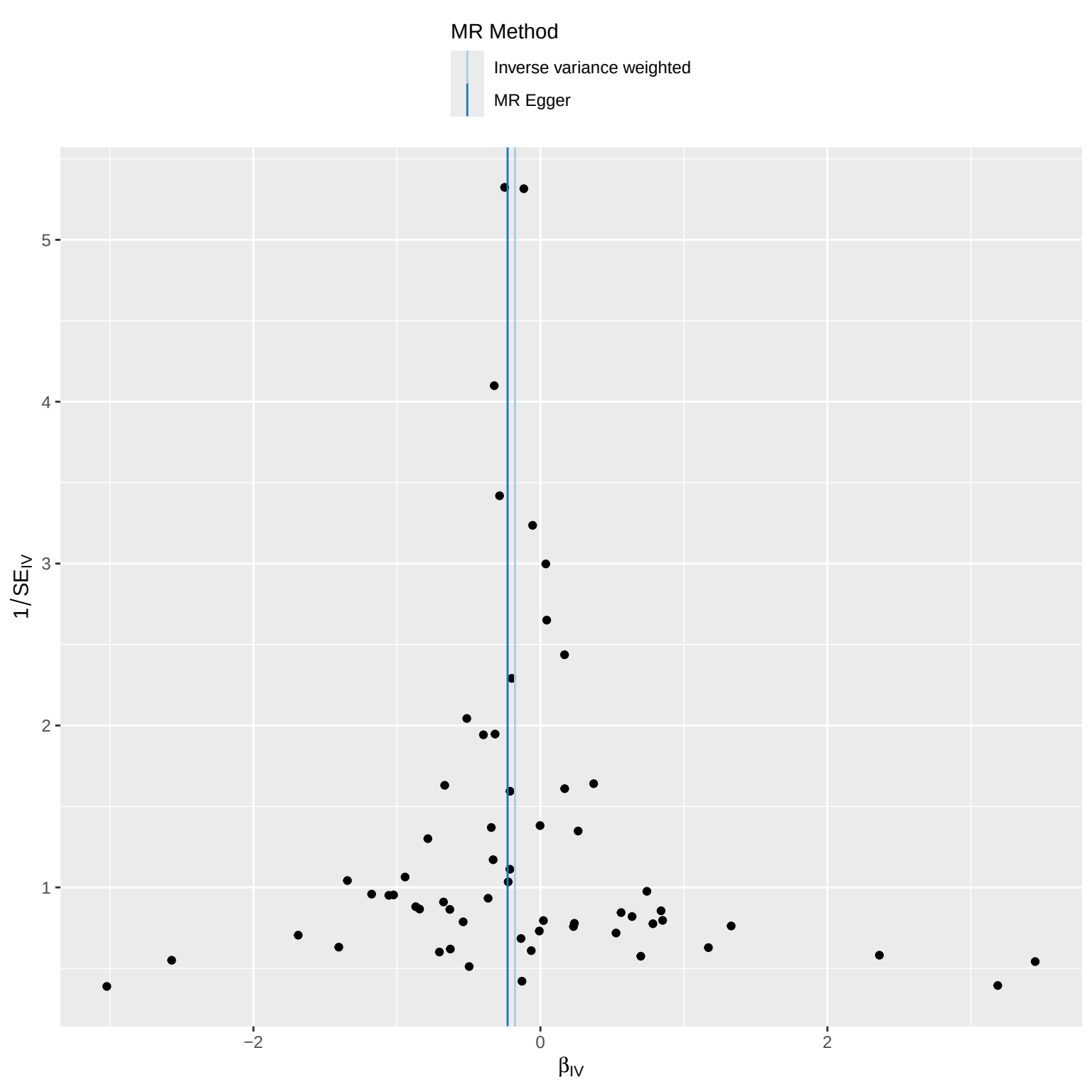

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

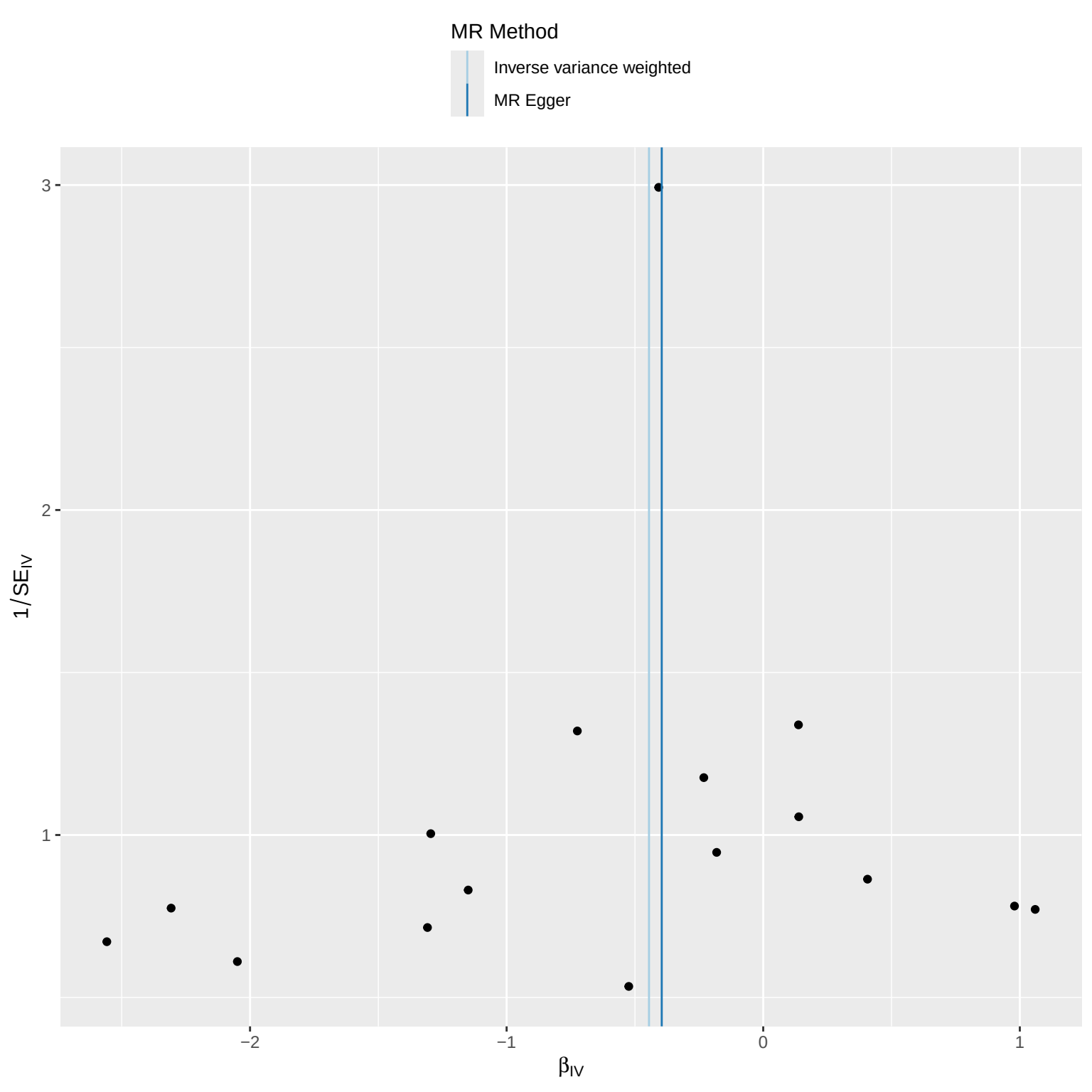

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

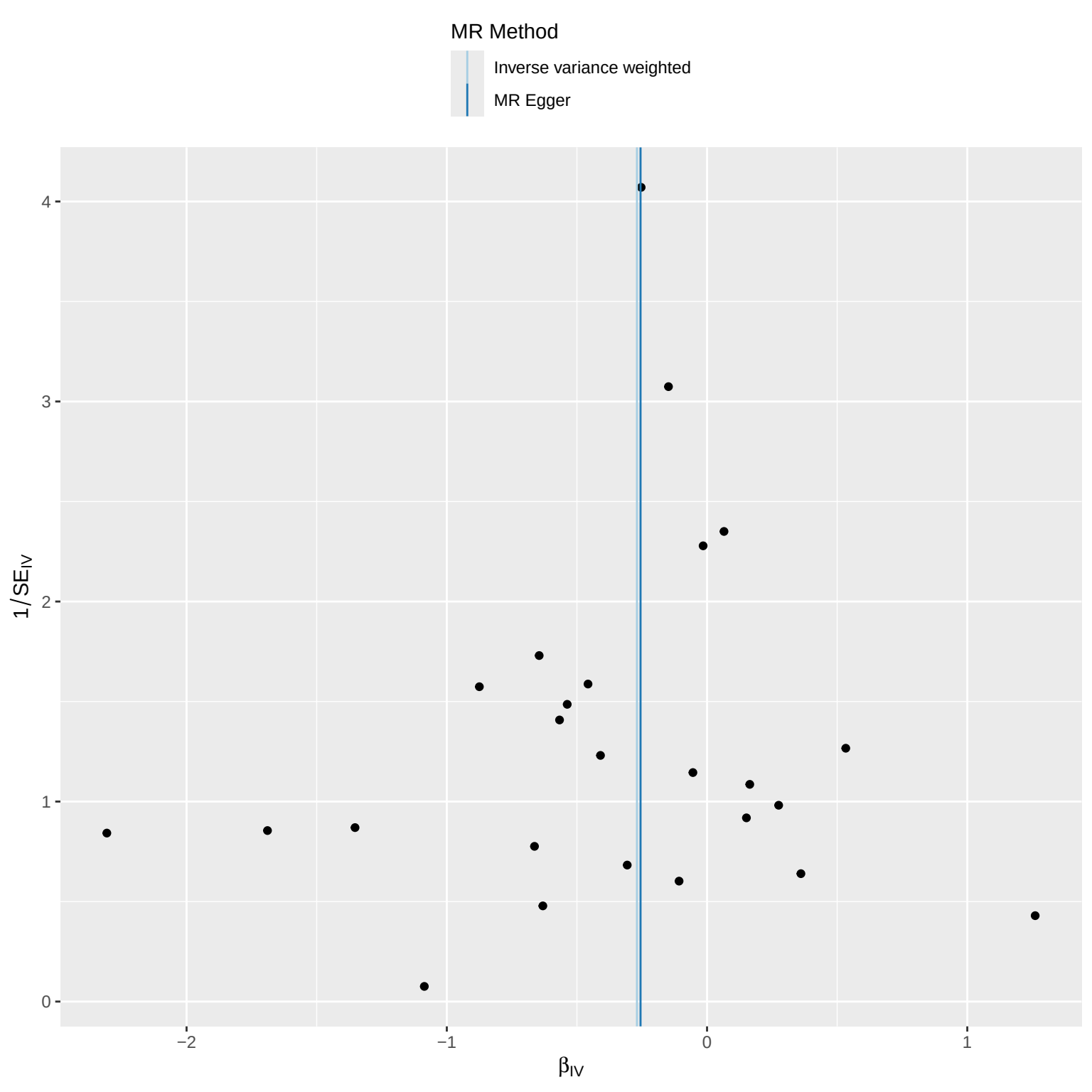

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

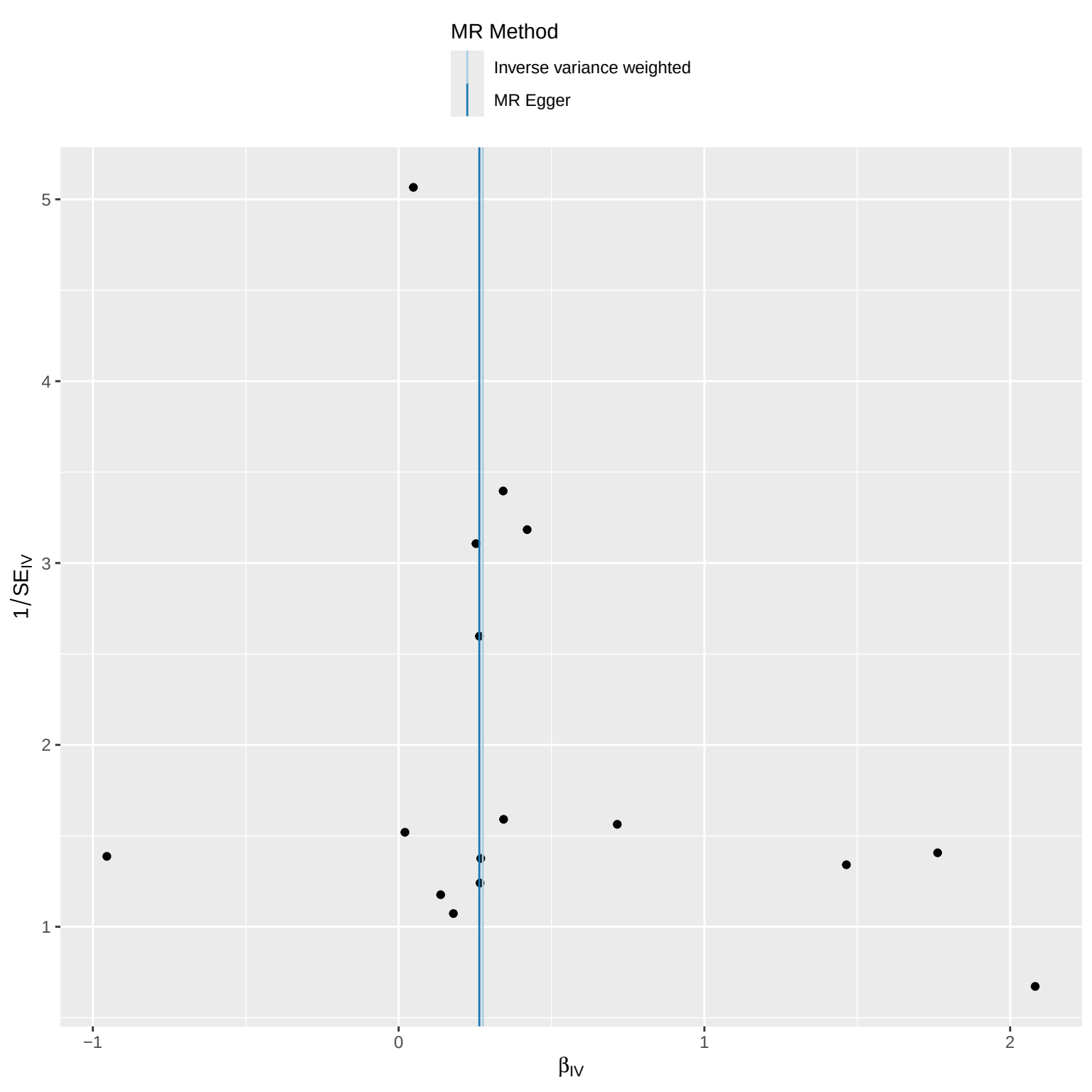

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

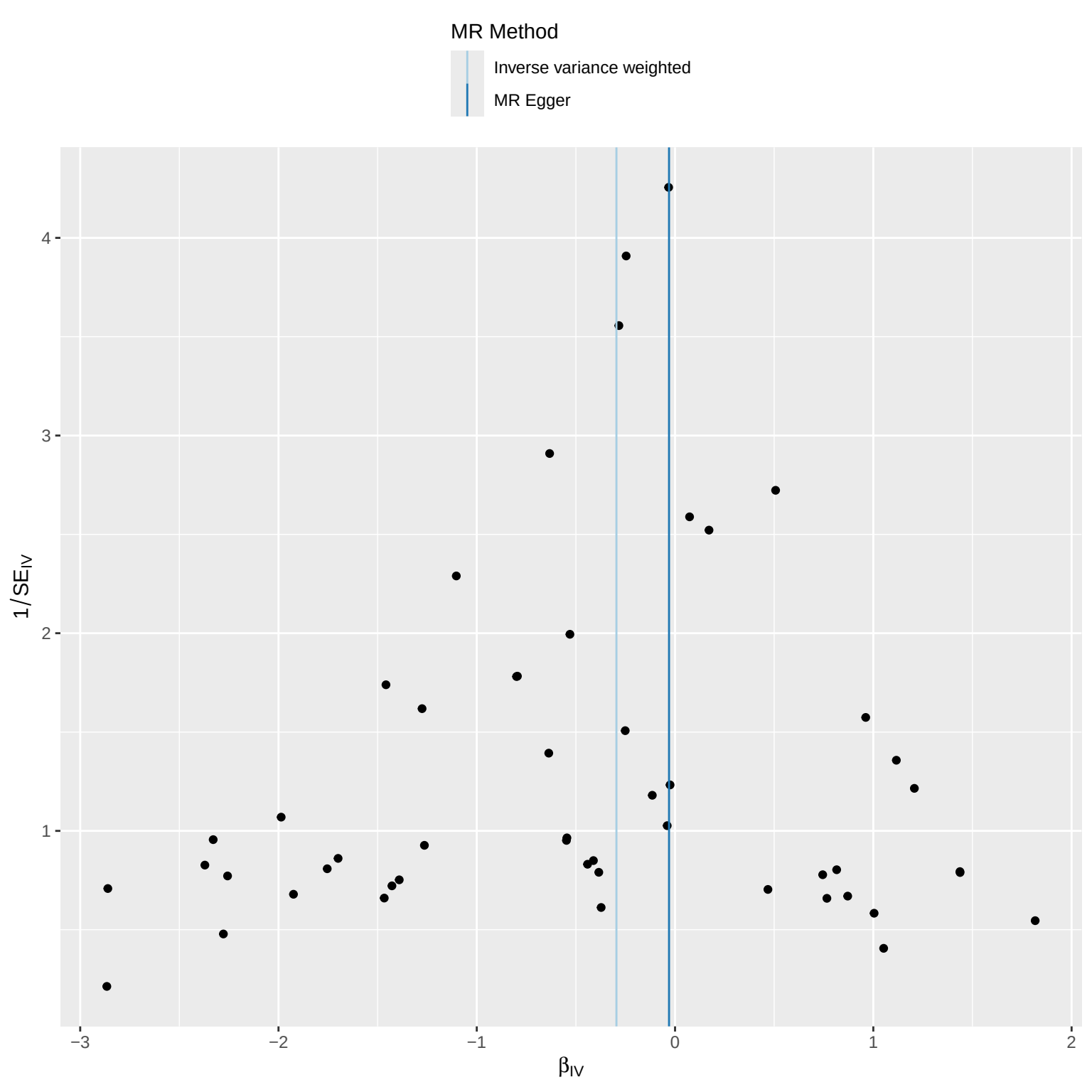

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
β_IV

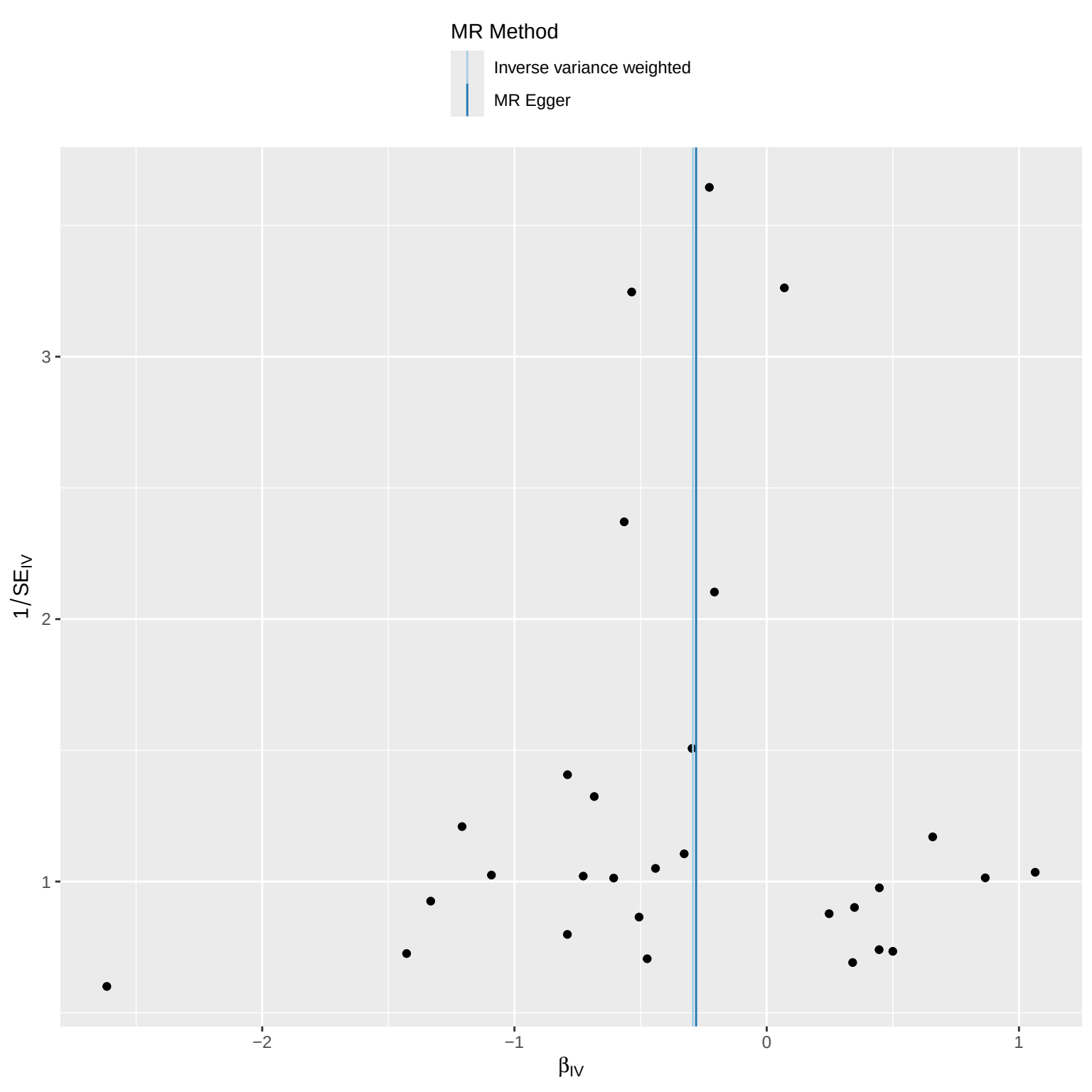

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

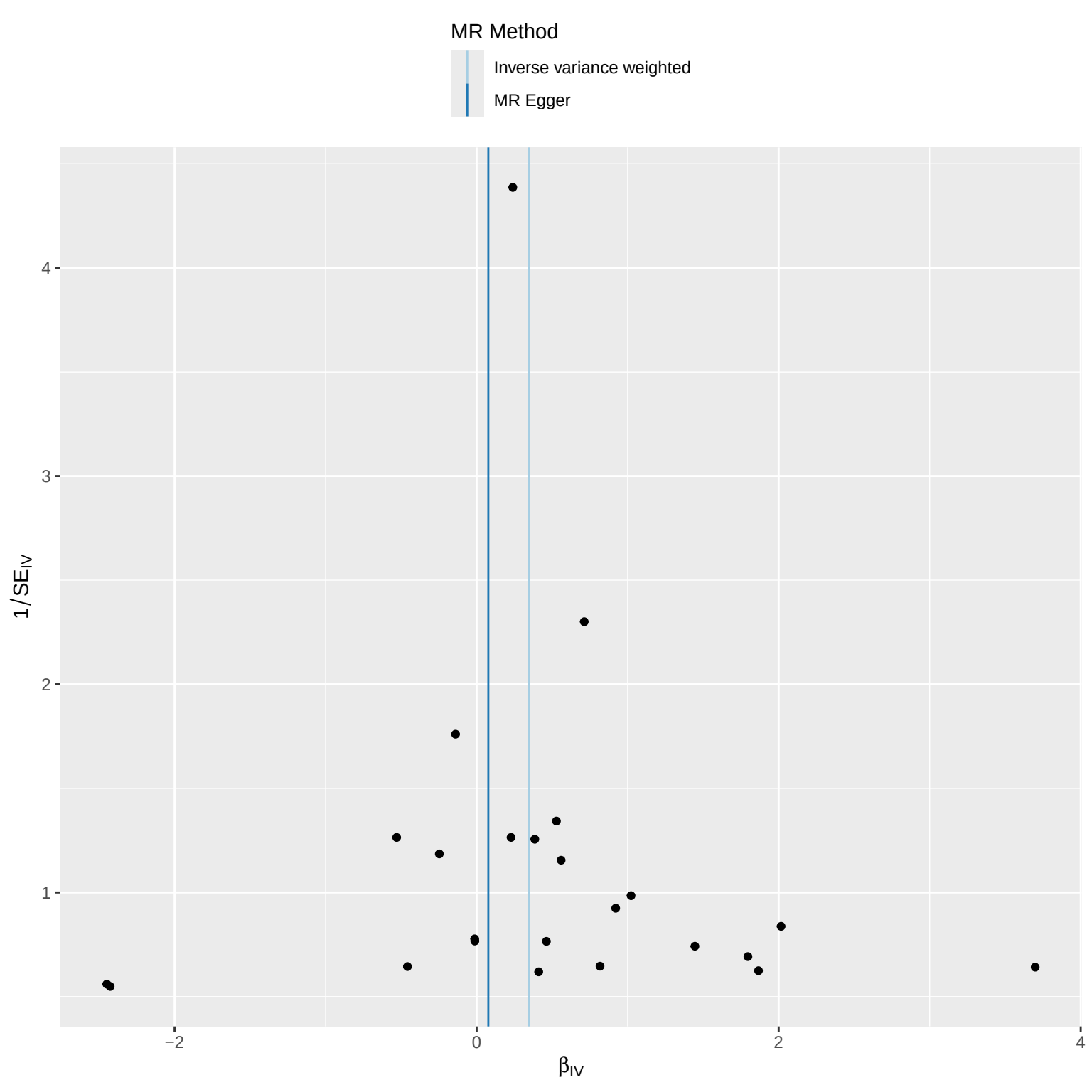

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

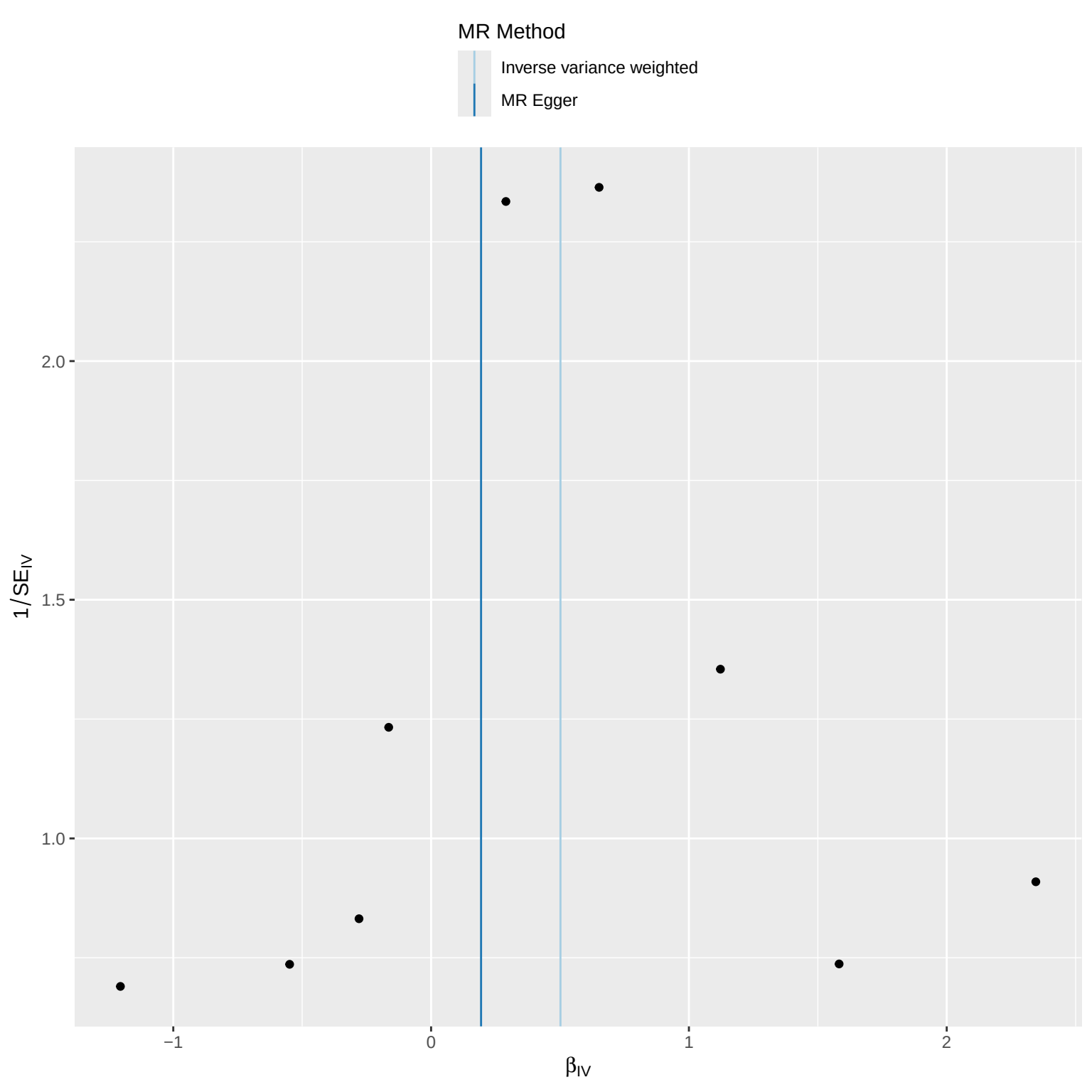

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−2
−1
0
1
β_IV

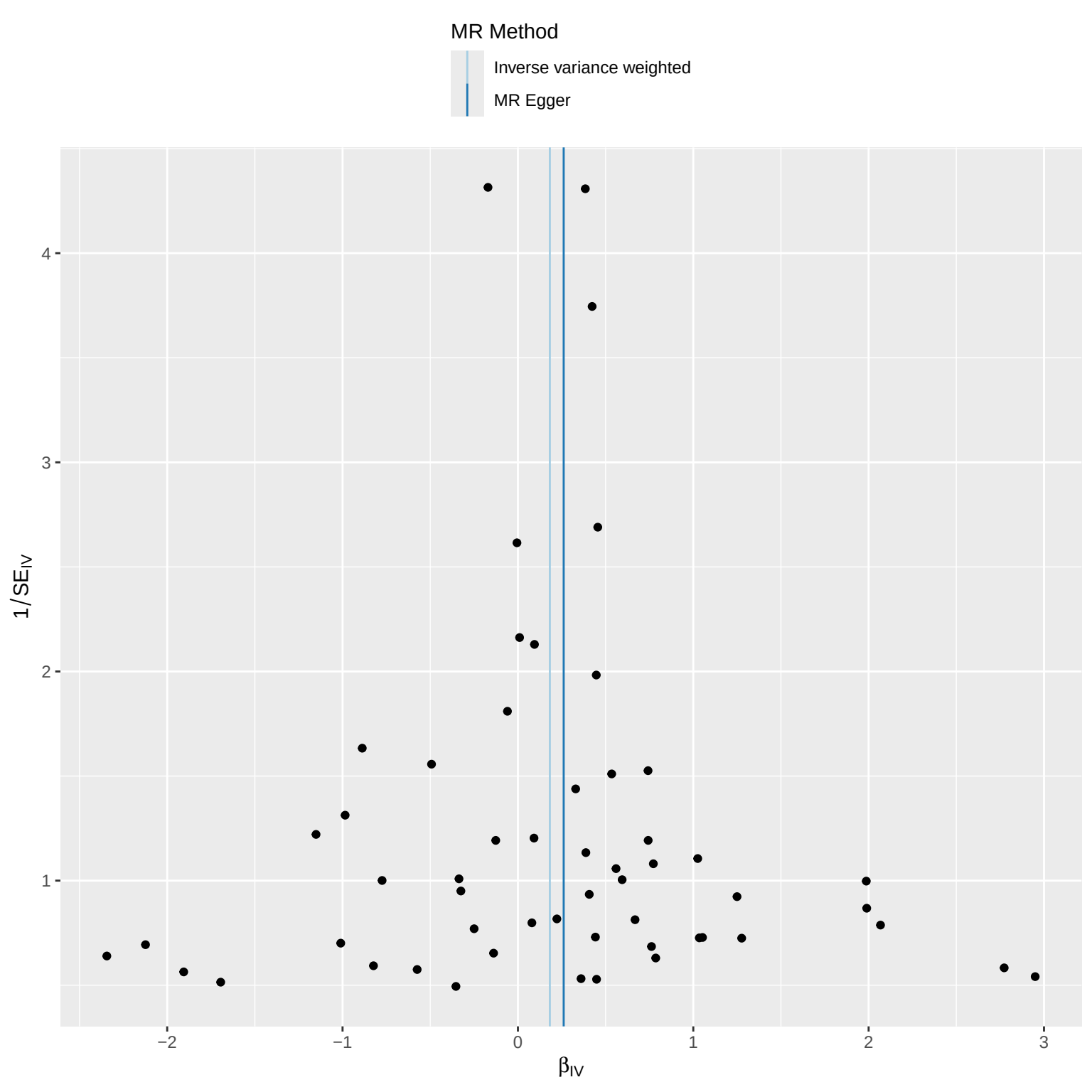

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

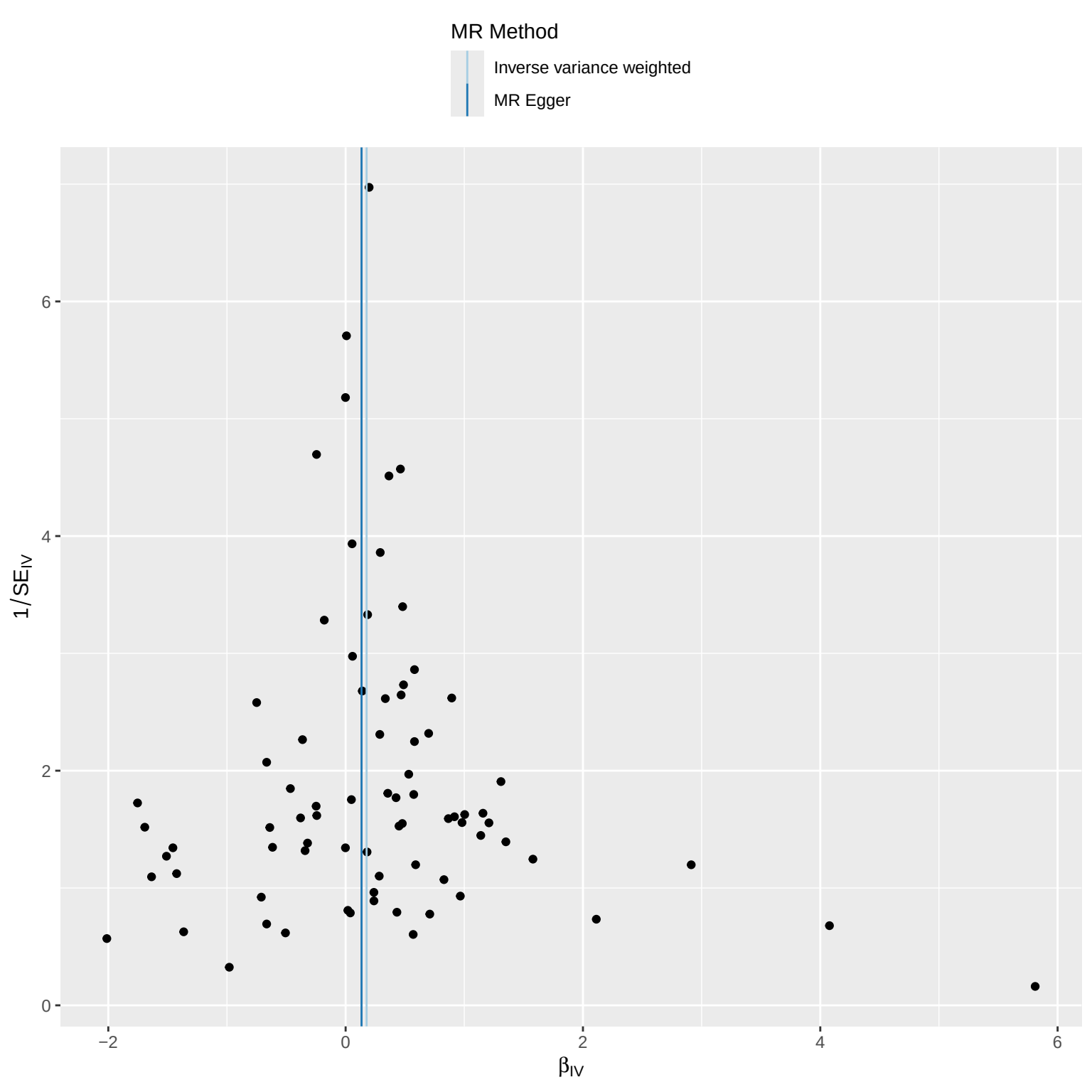

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

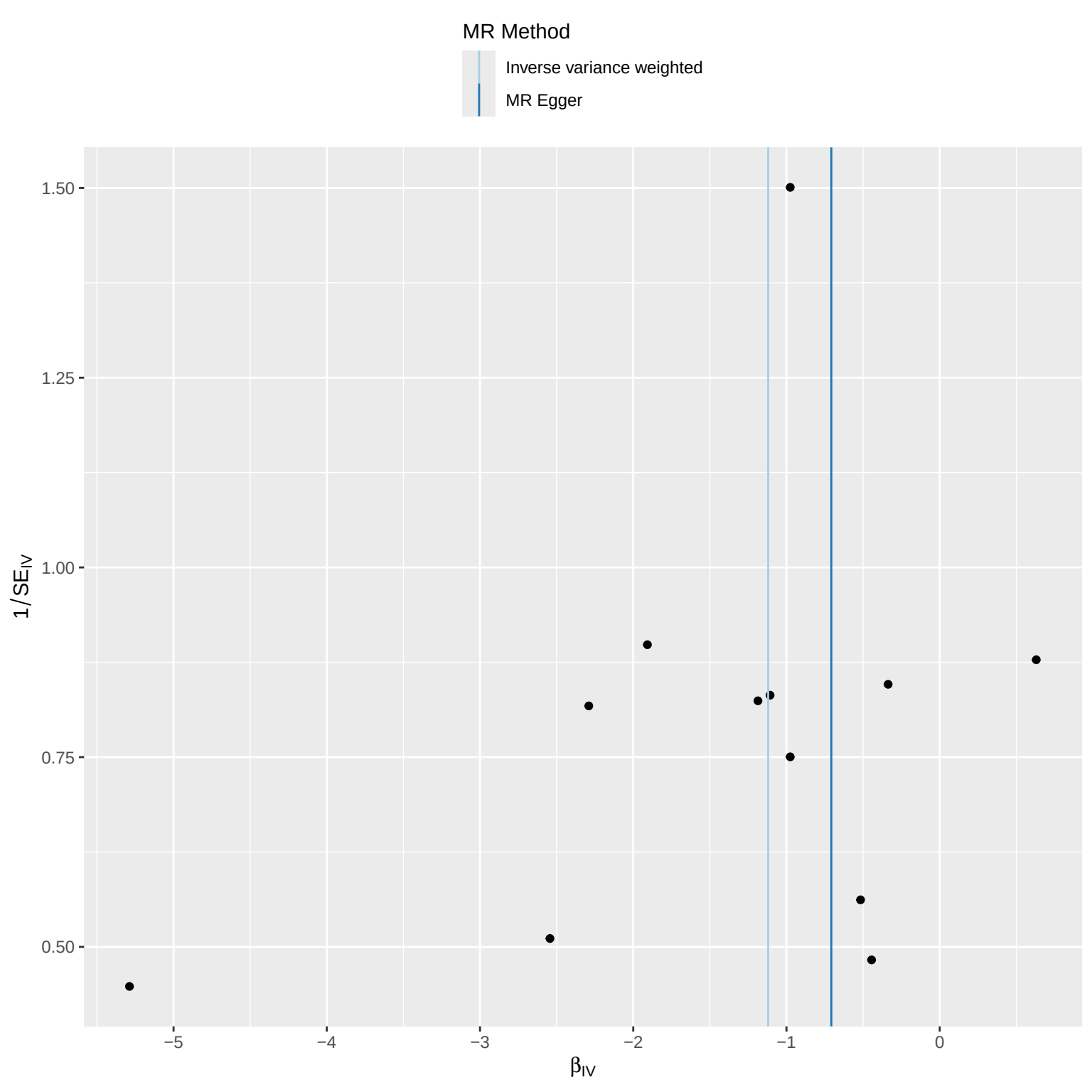

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

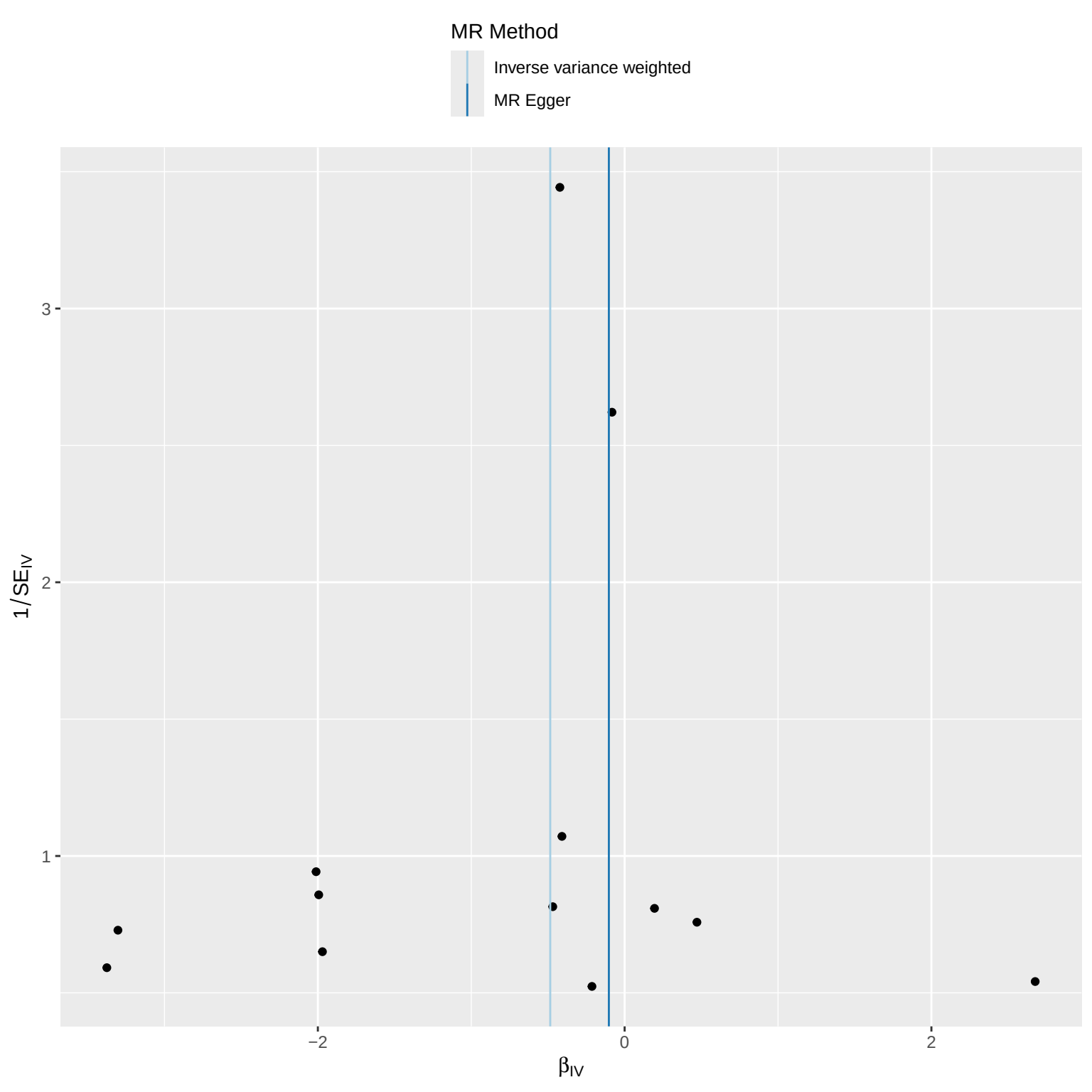

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

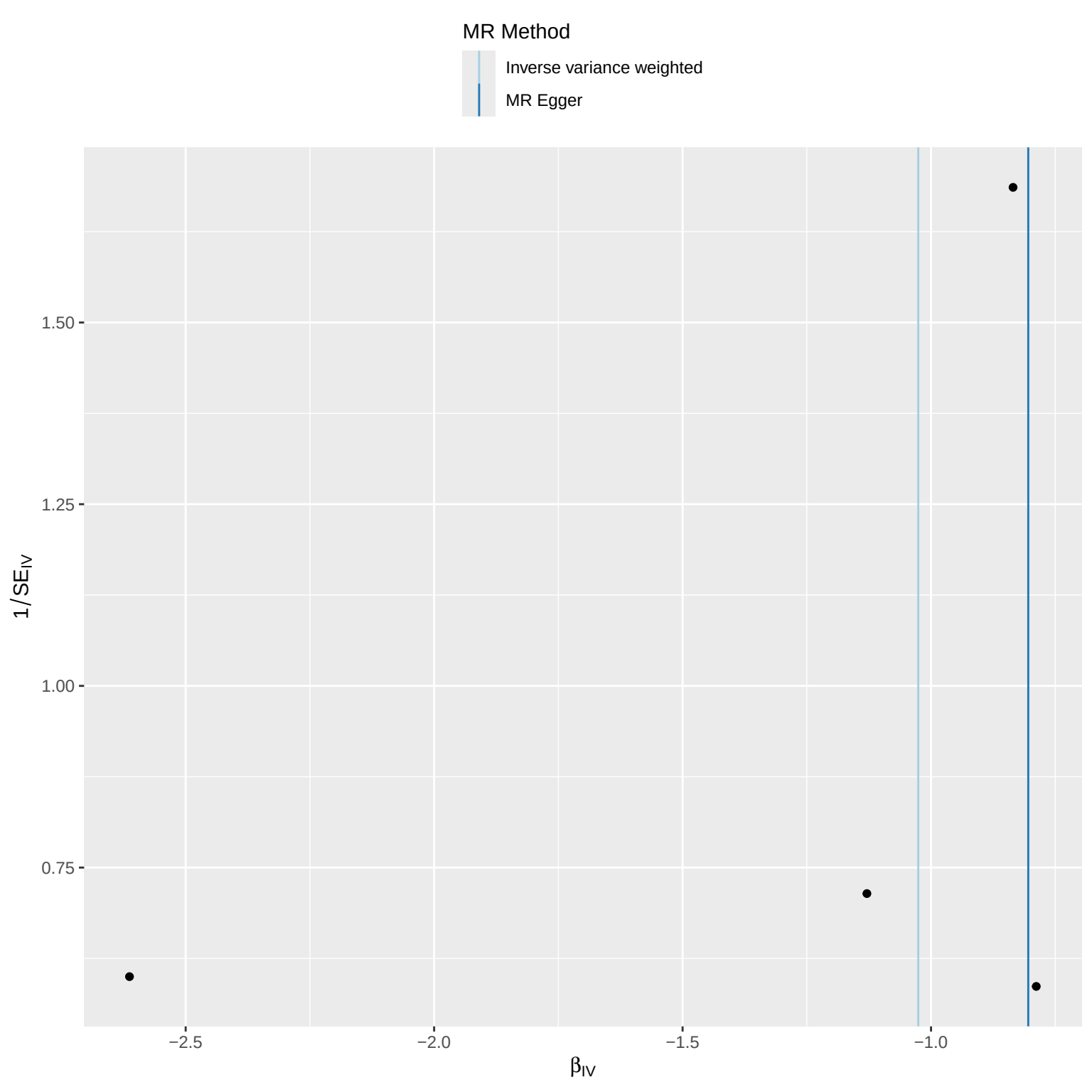

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

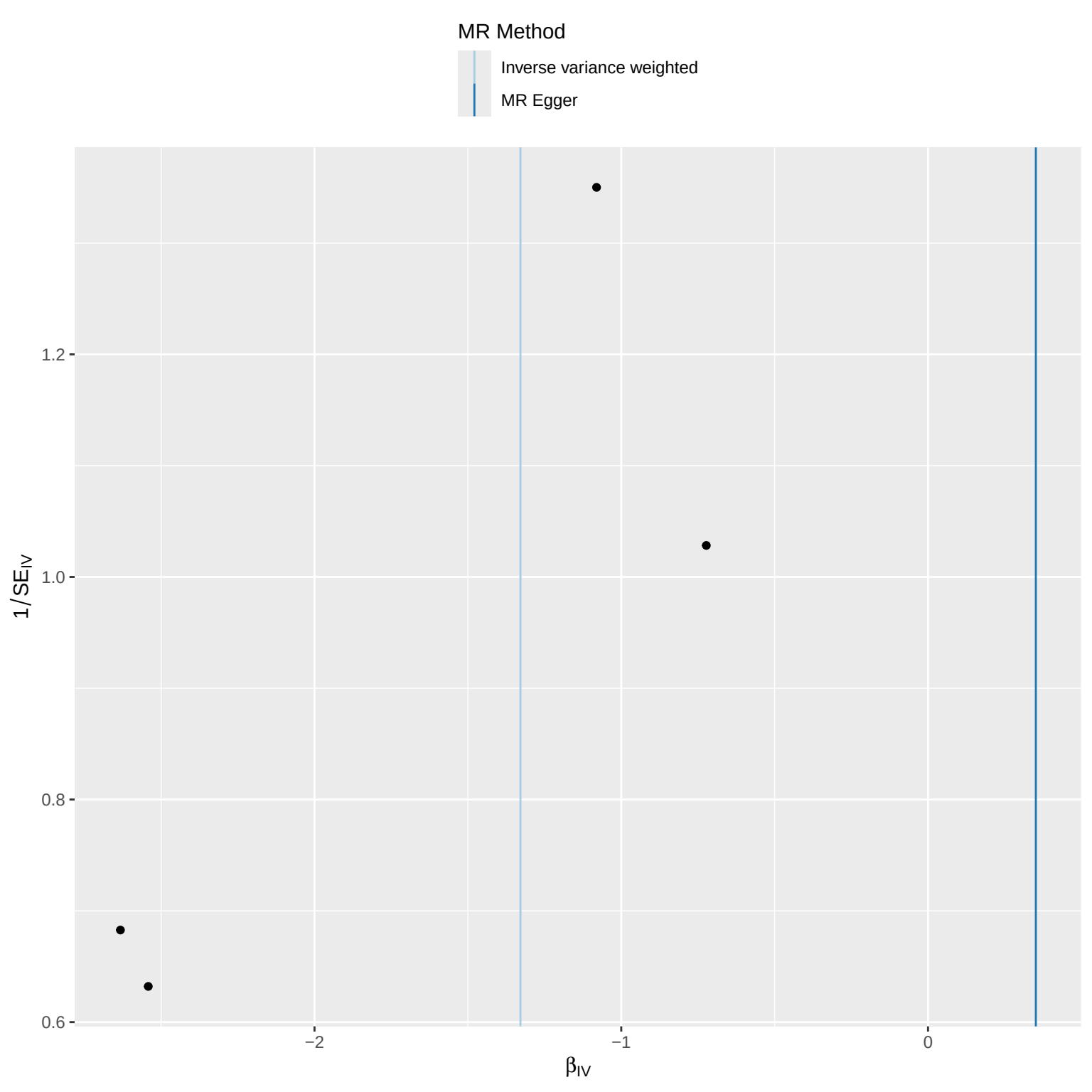

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

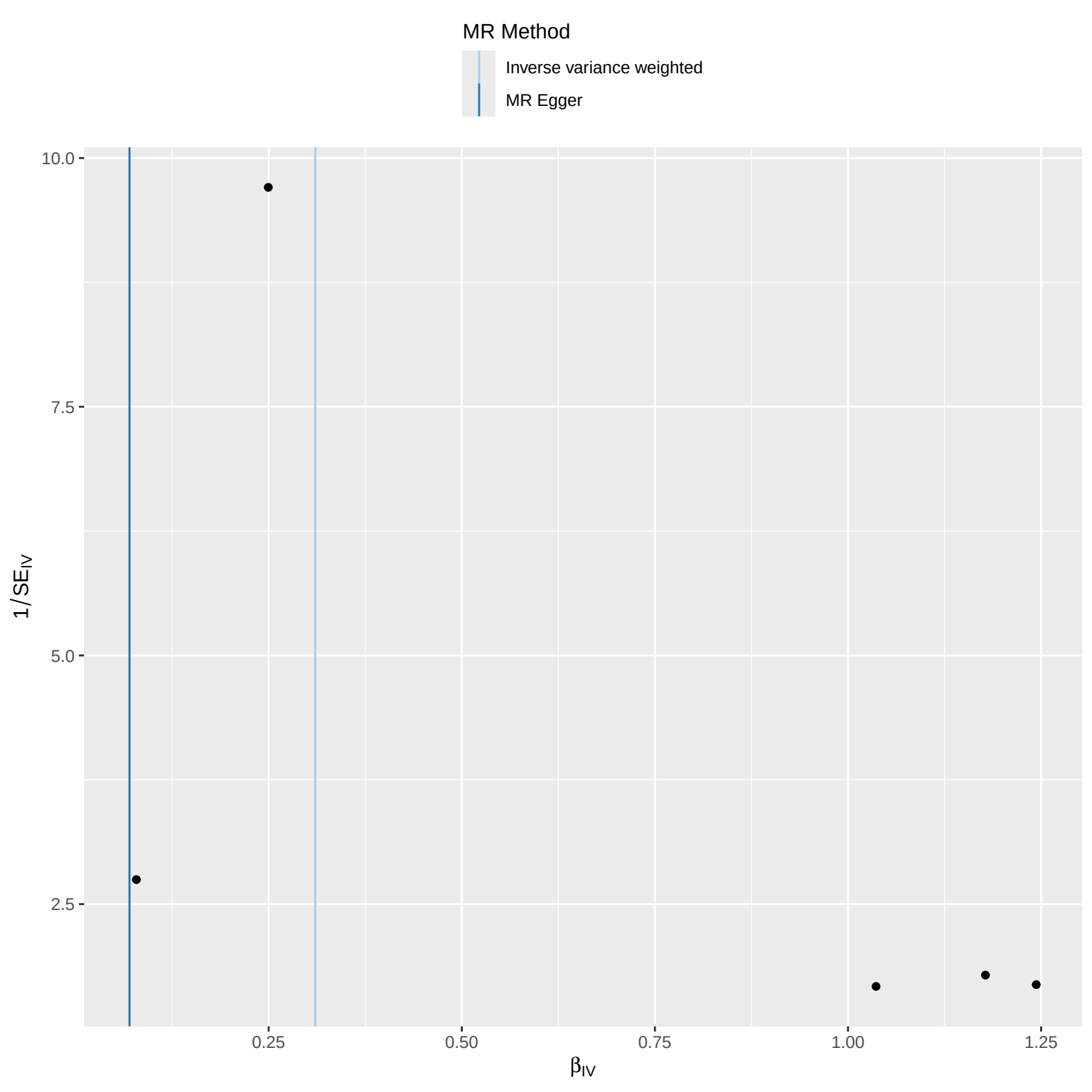

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
6
4
2
0
−2
0
2
4
6

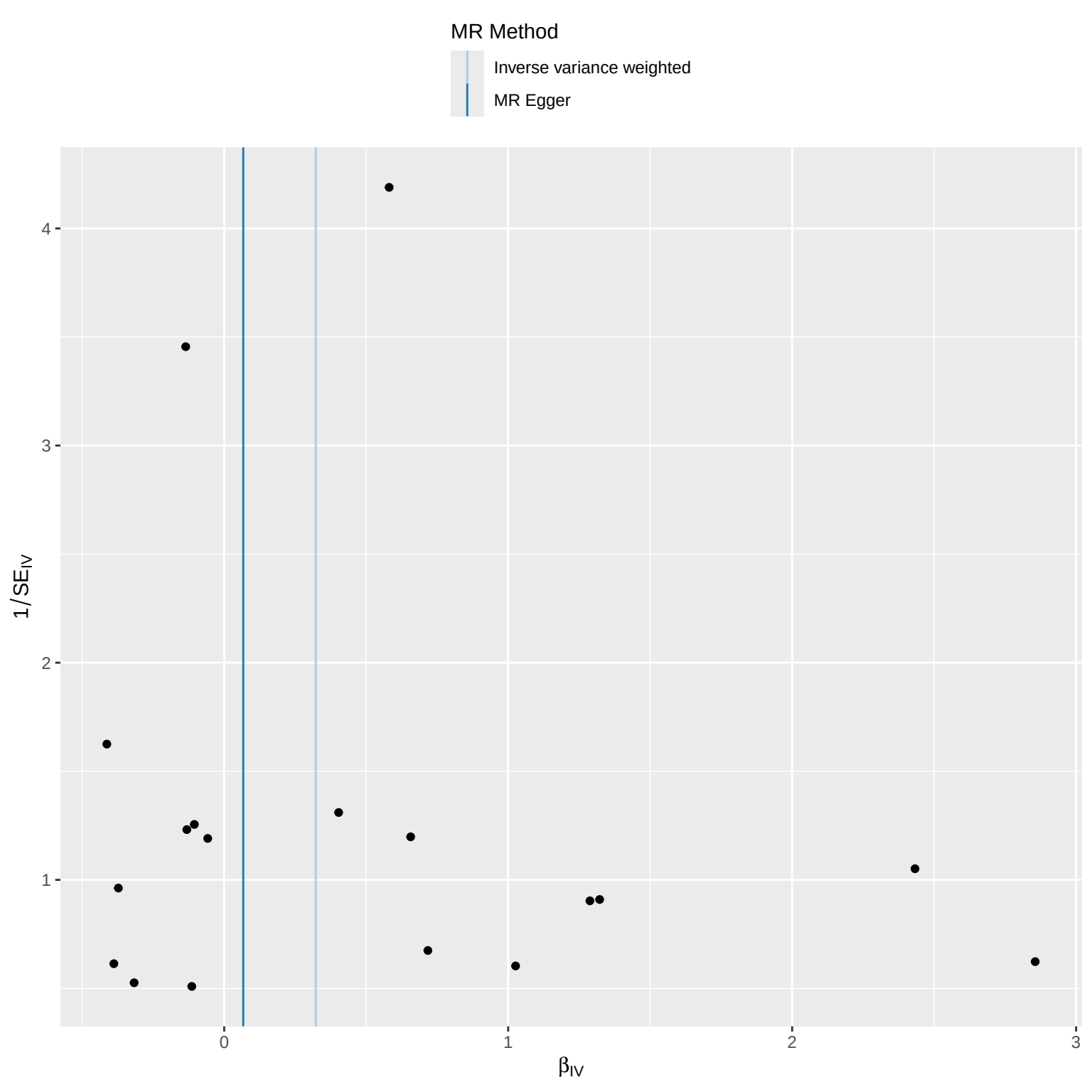

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−5
−4
−3
−2
−1
0
β_IV

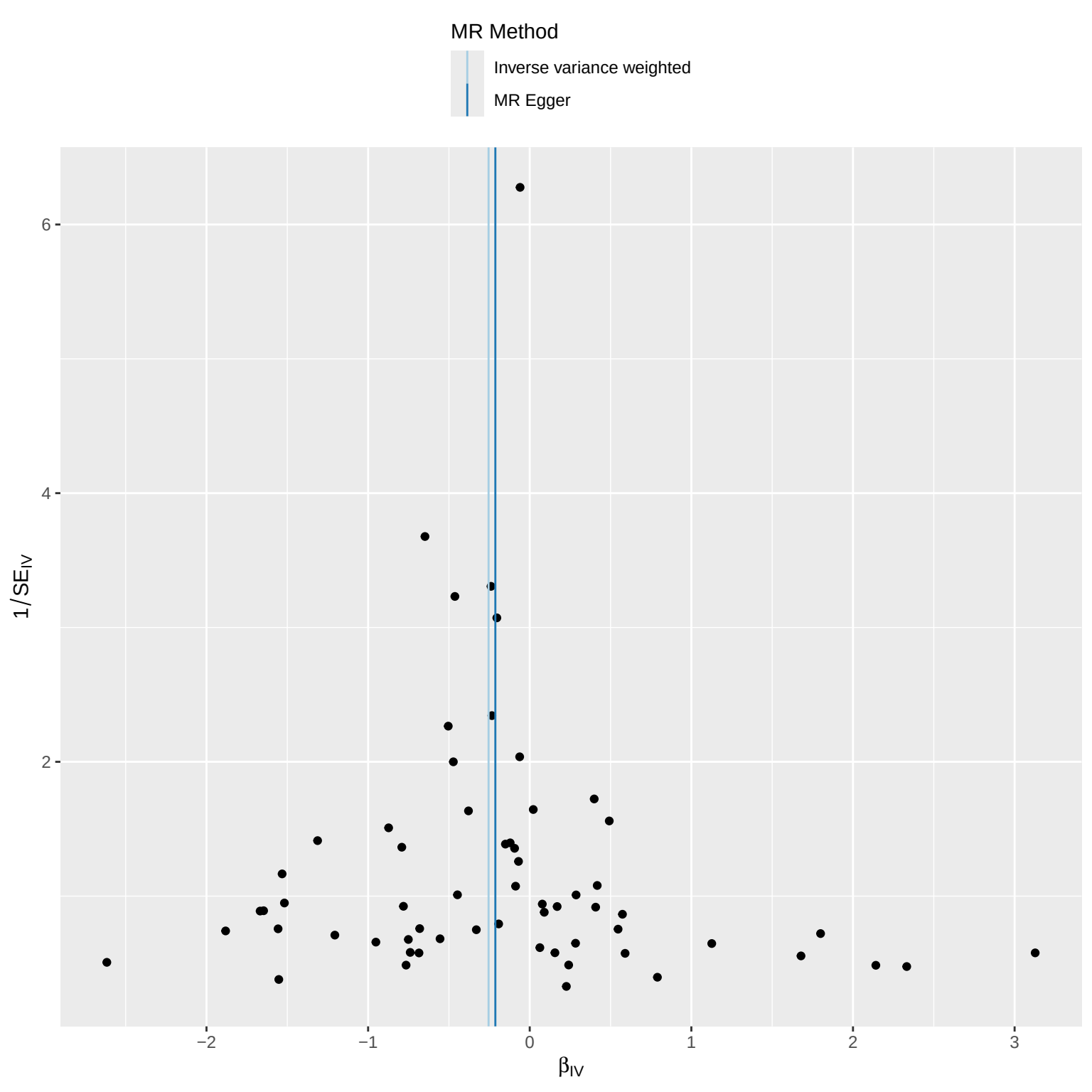

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

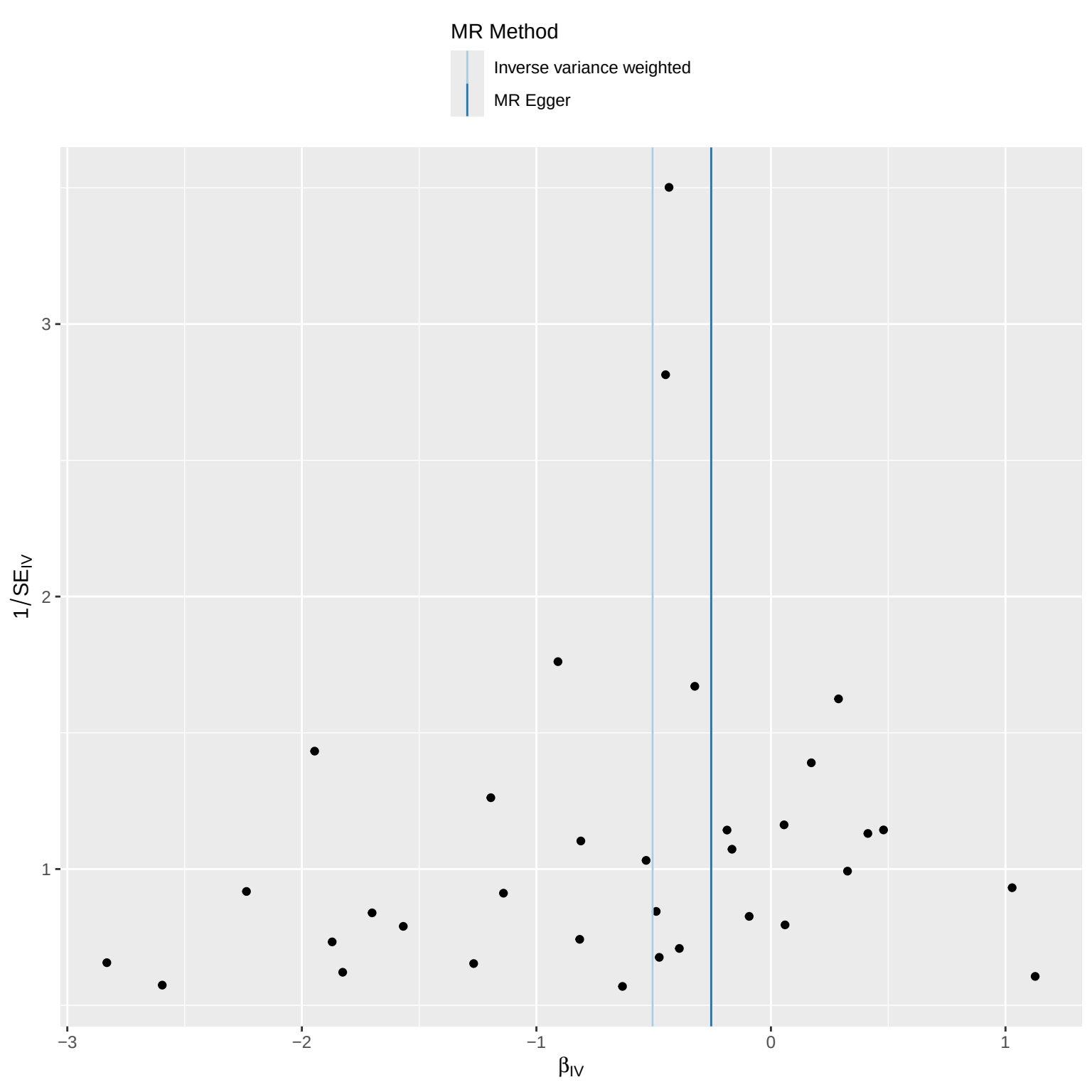

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2.5
−2.0
−1.5
−1.0
β_IV

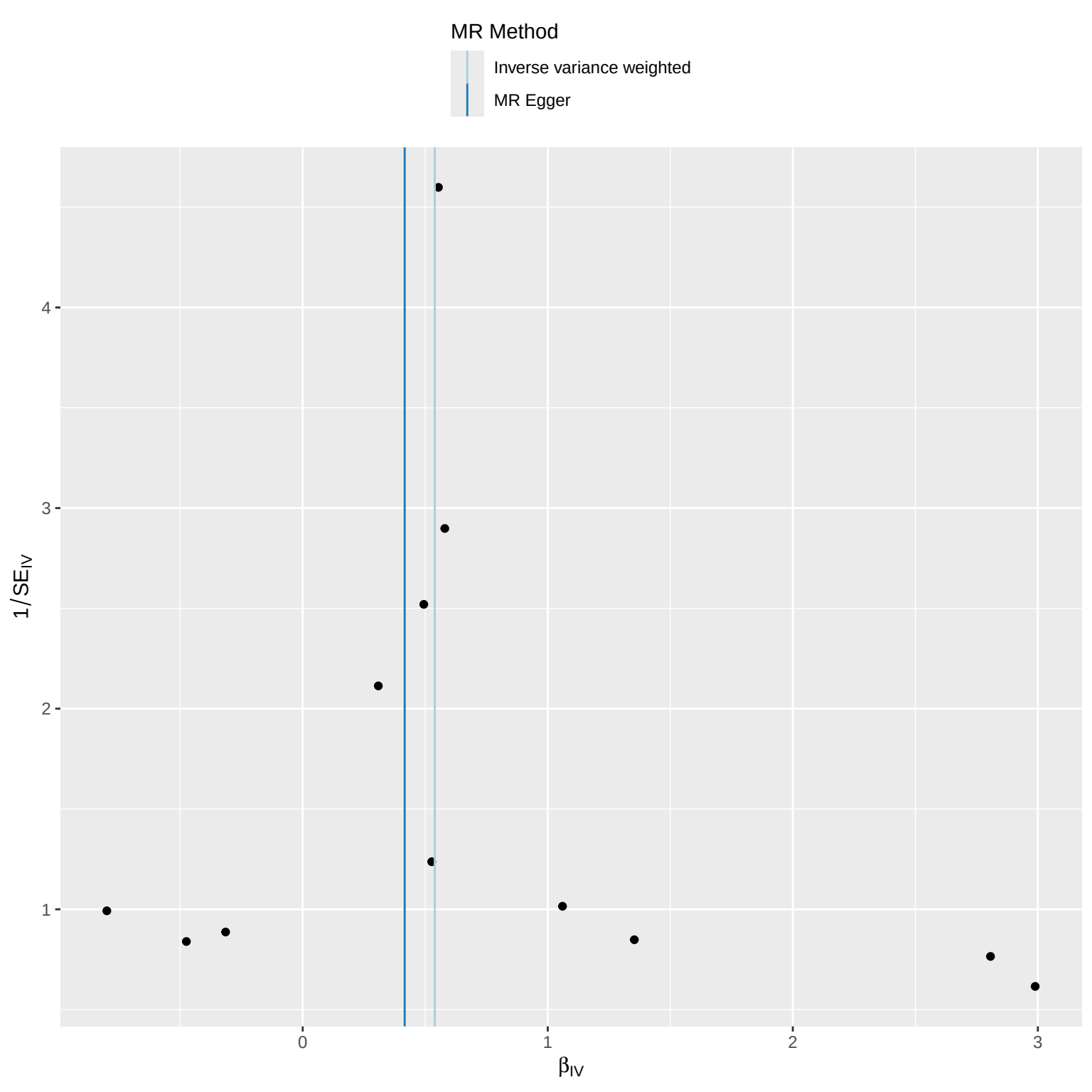

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2
−1
0
β_IV

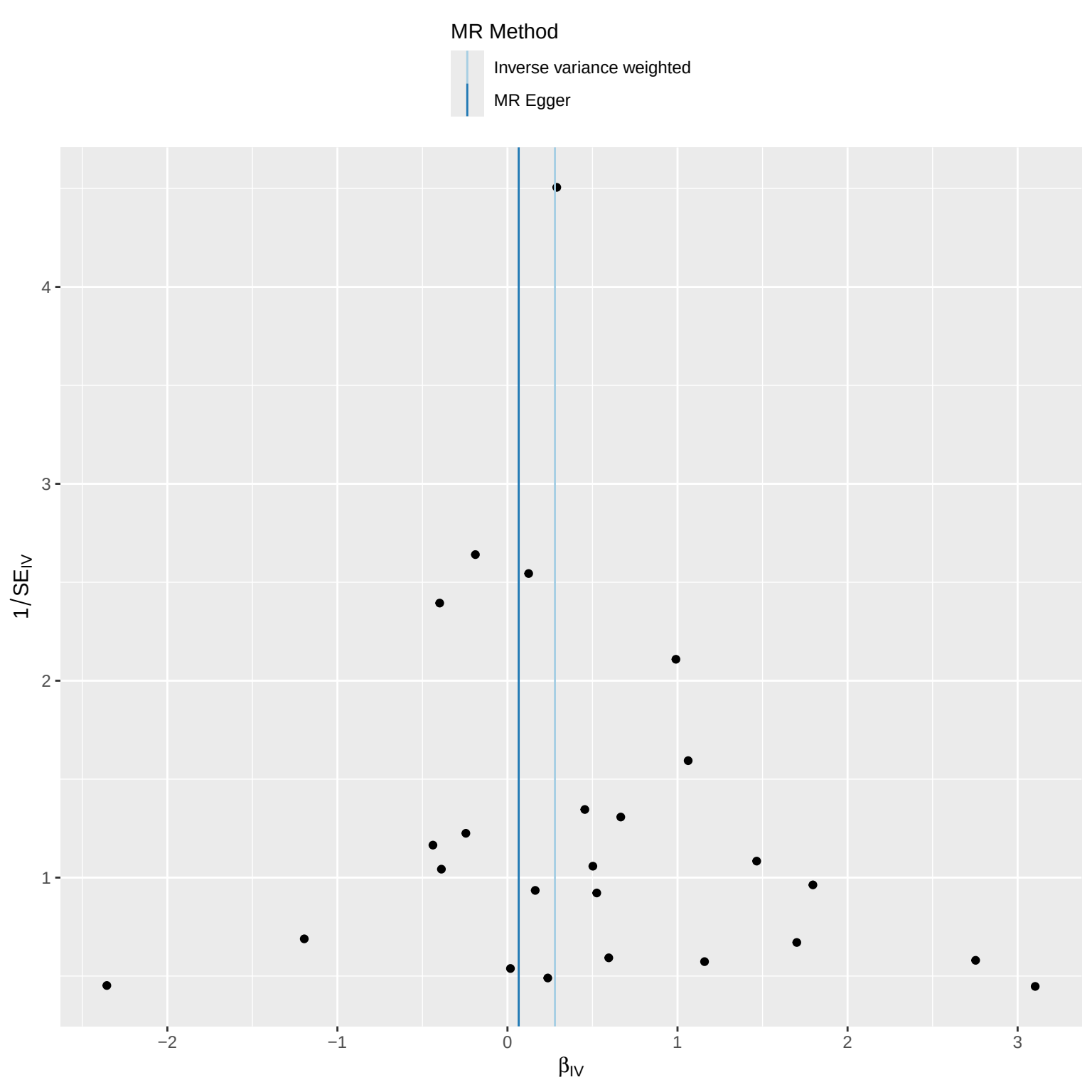

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
0.25
0.50
0.75
1.00
1.25
β_IV

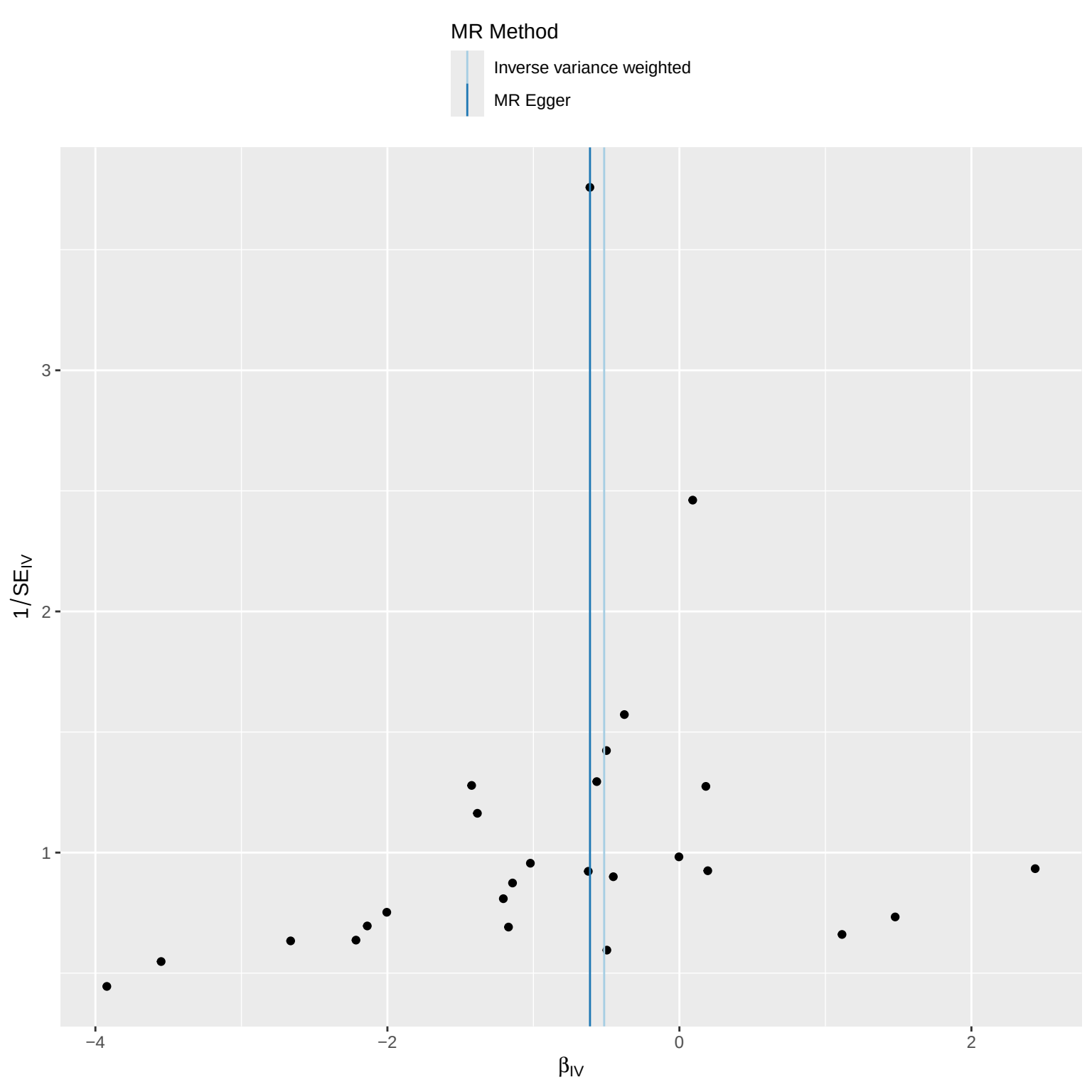

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

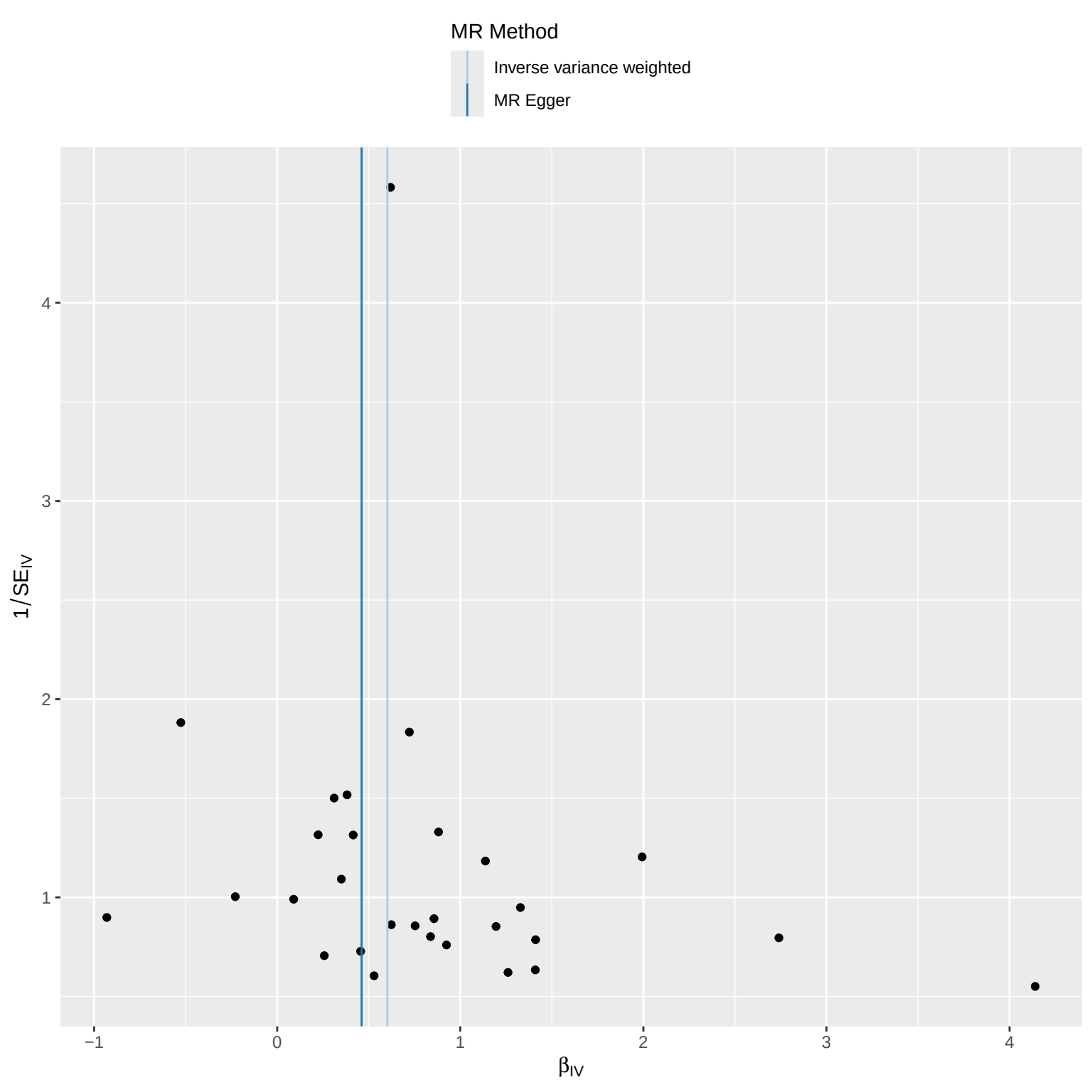

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

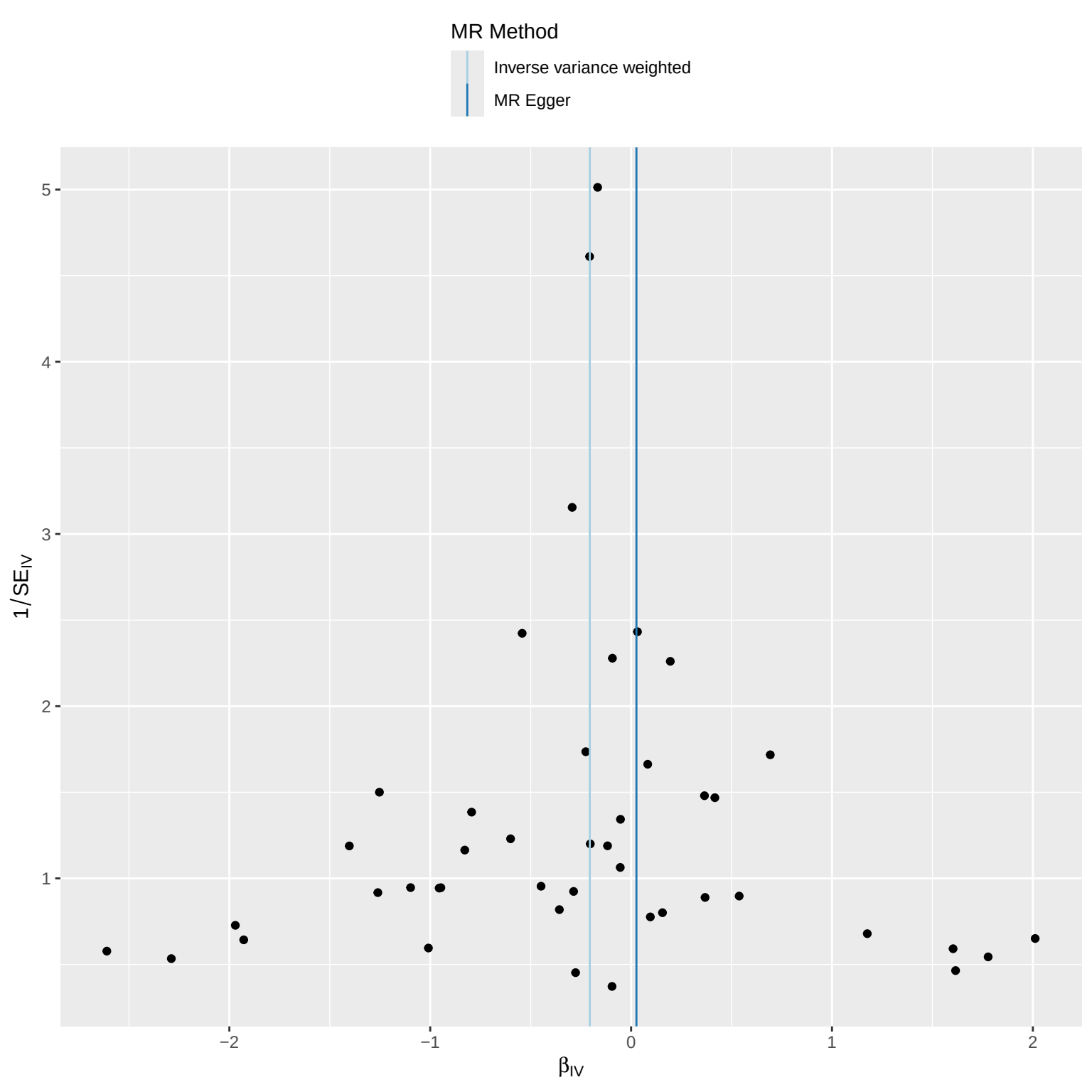

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

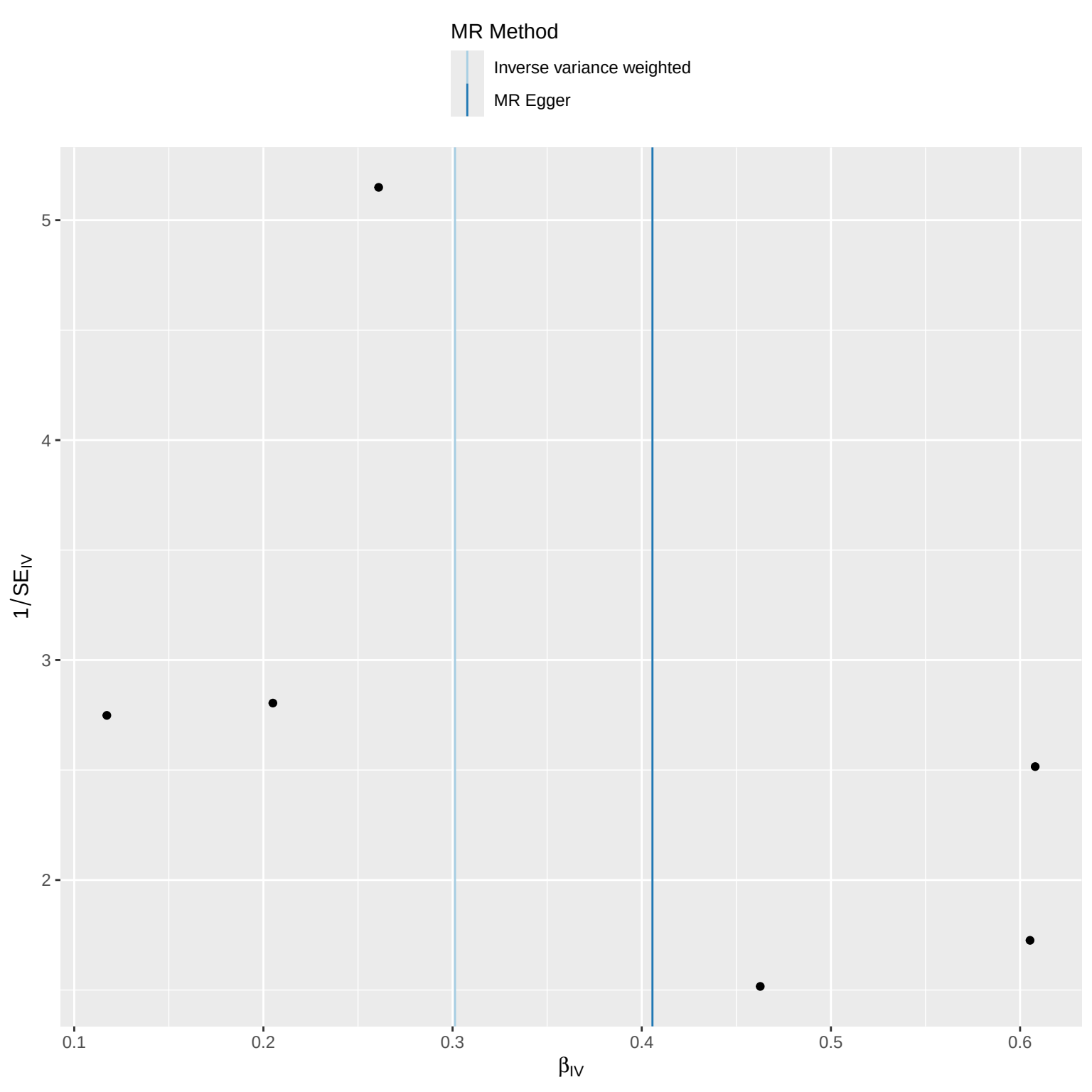

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

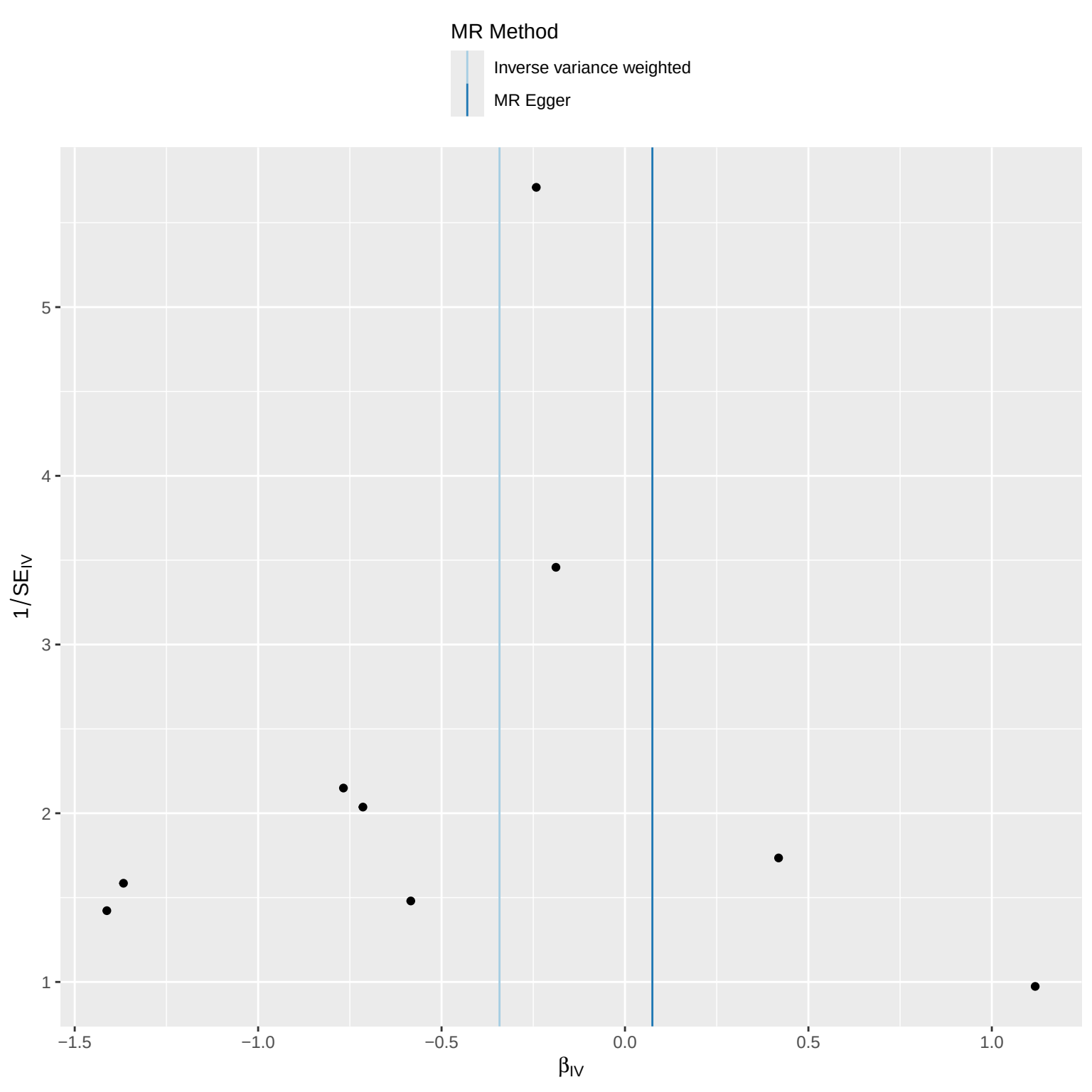

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

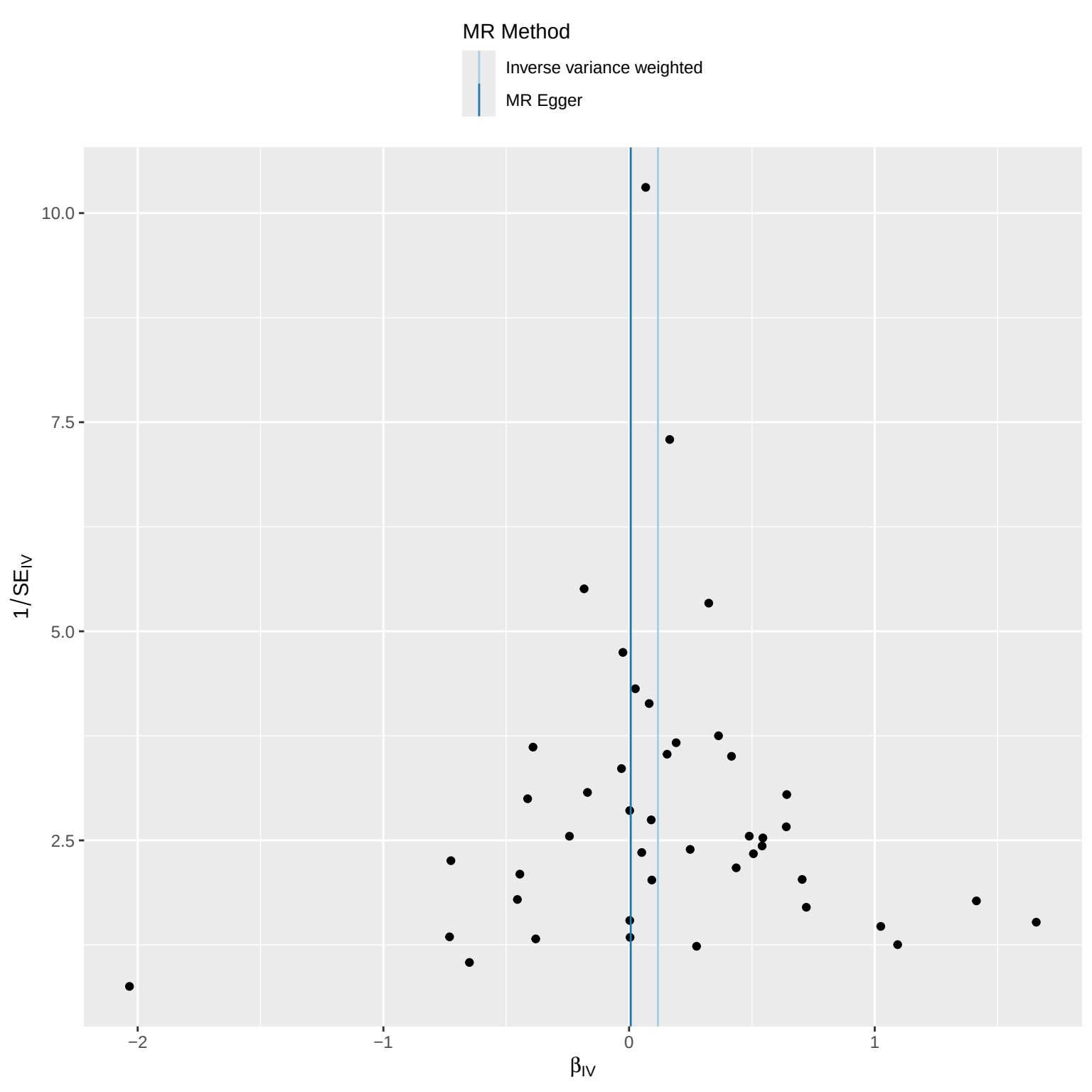

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

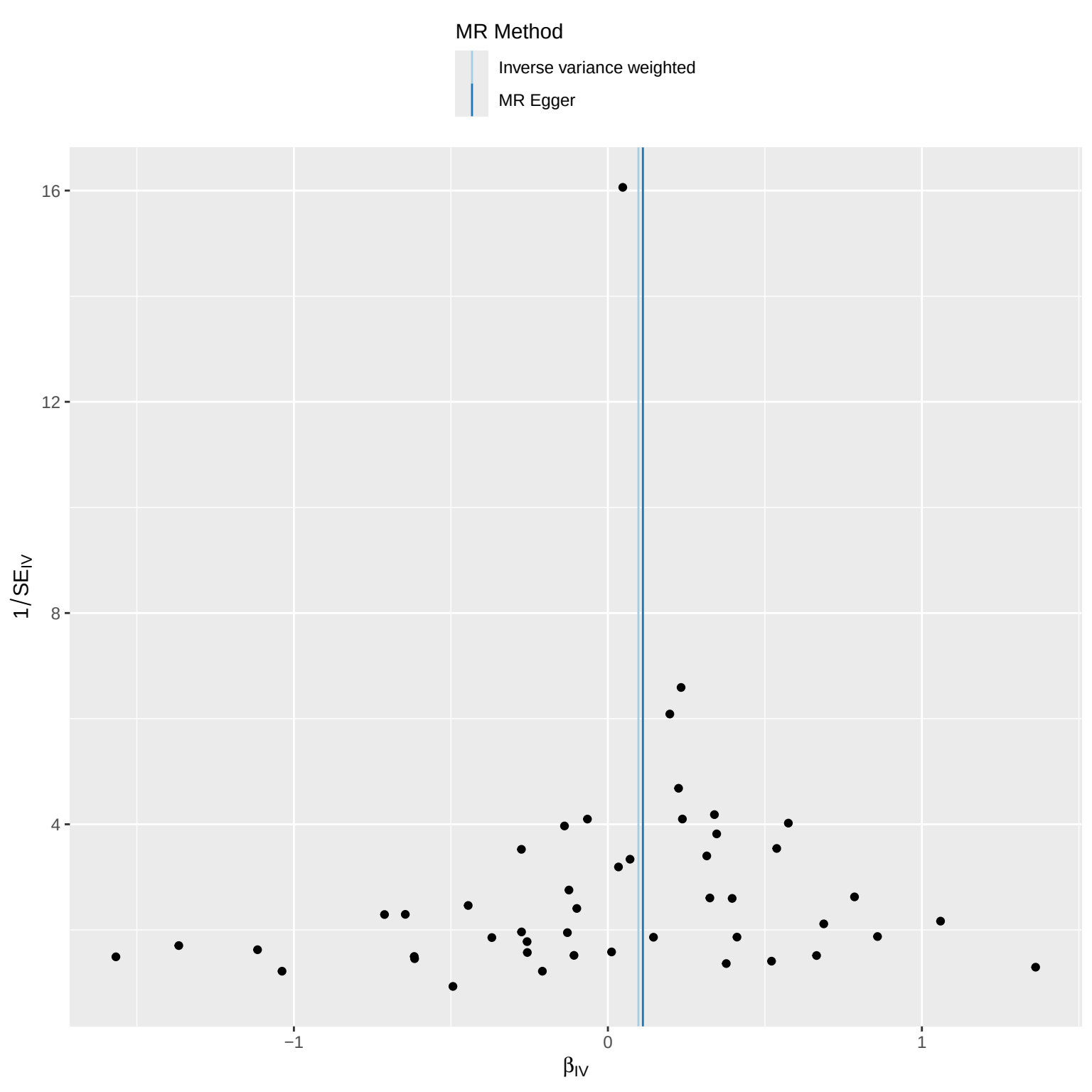

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−1
0
1
2
3
4

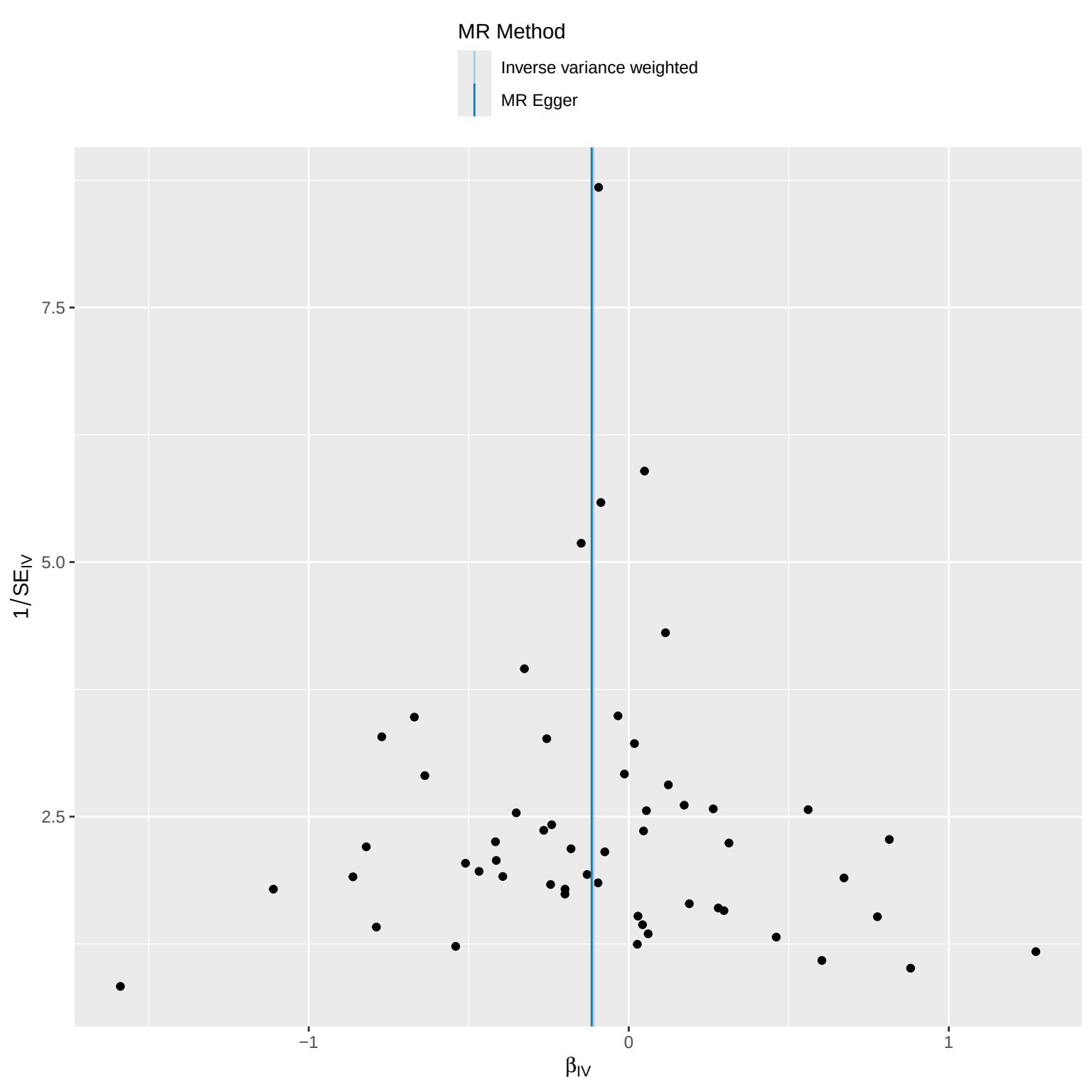

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

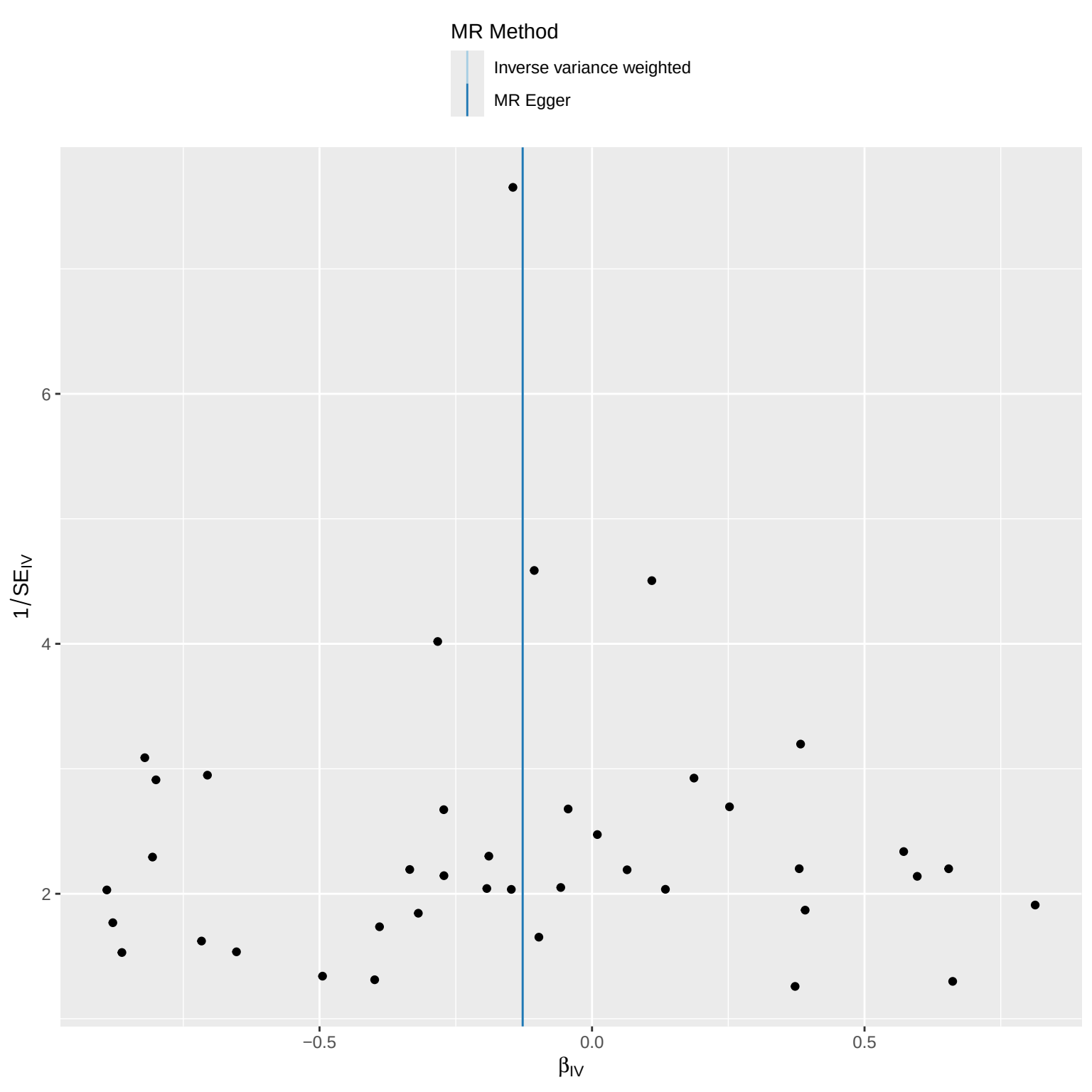

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.1
0.2
0.3
0.4
0.5
0.6
β_IV

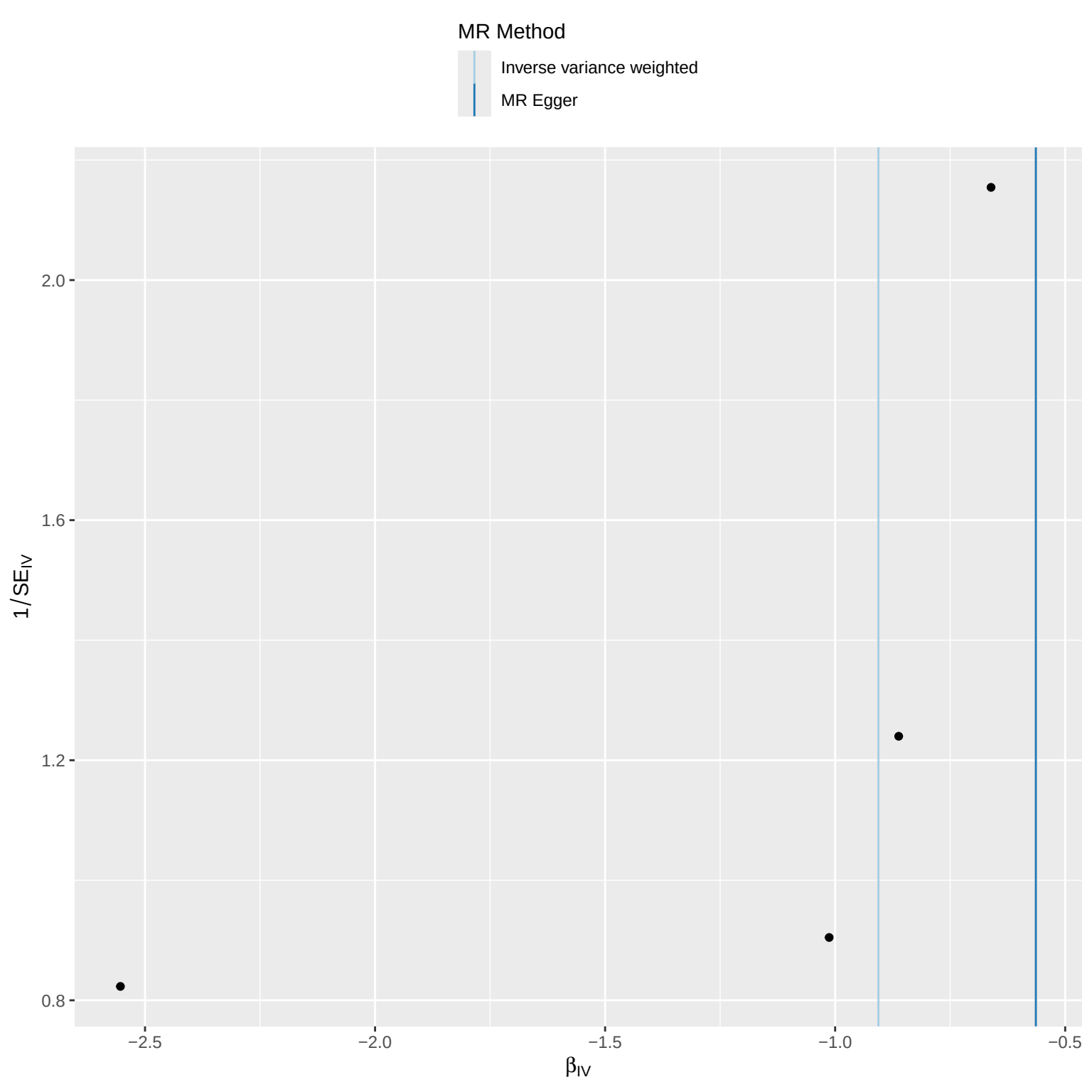

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

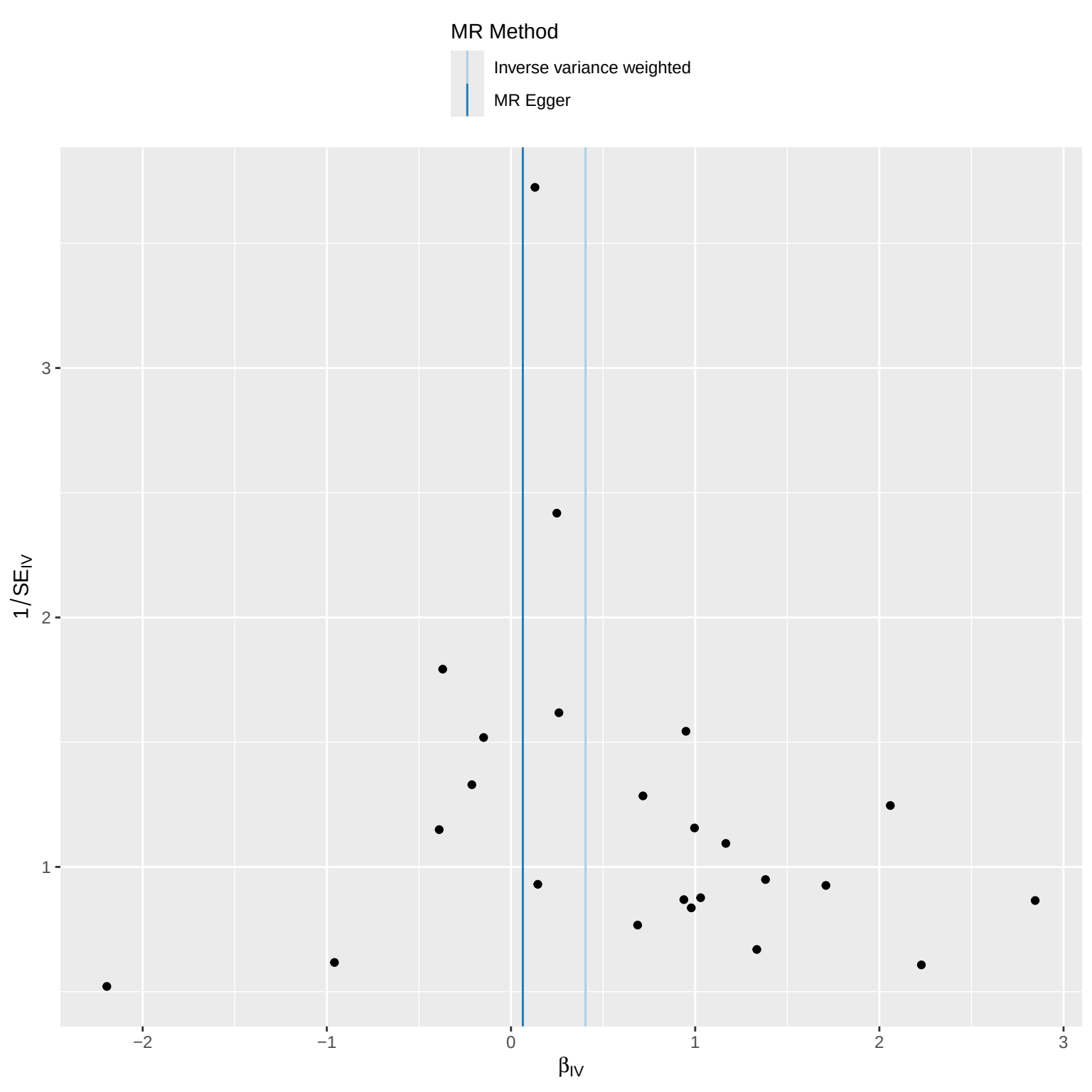

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

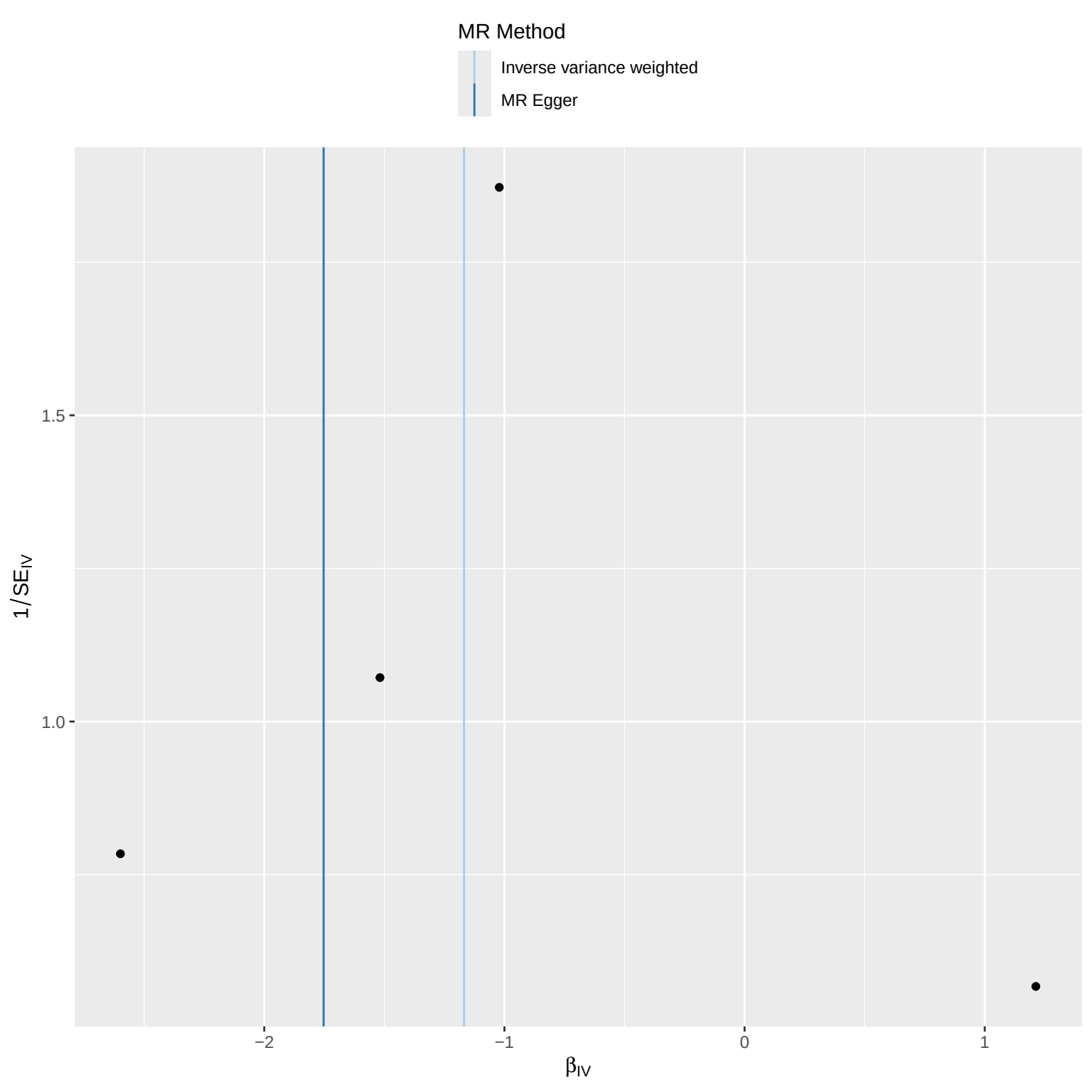

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−1
0
1
β_IV

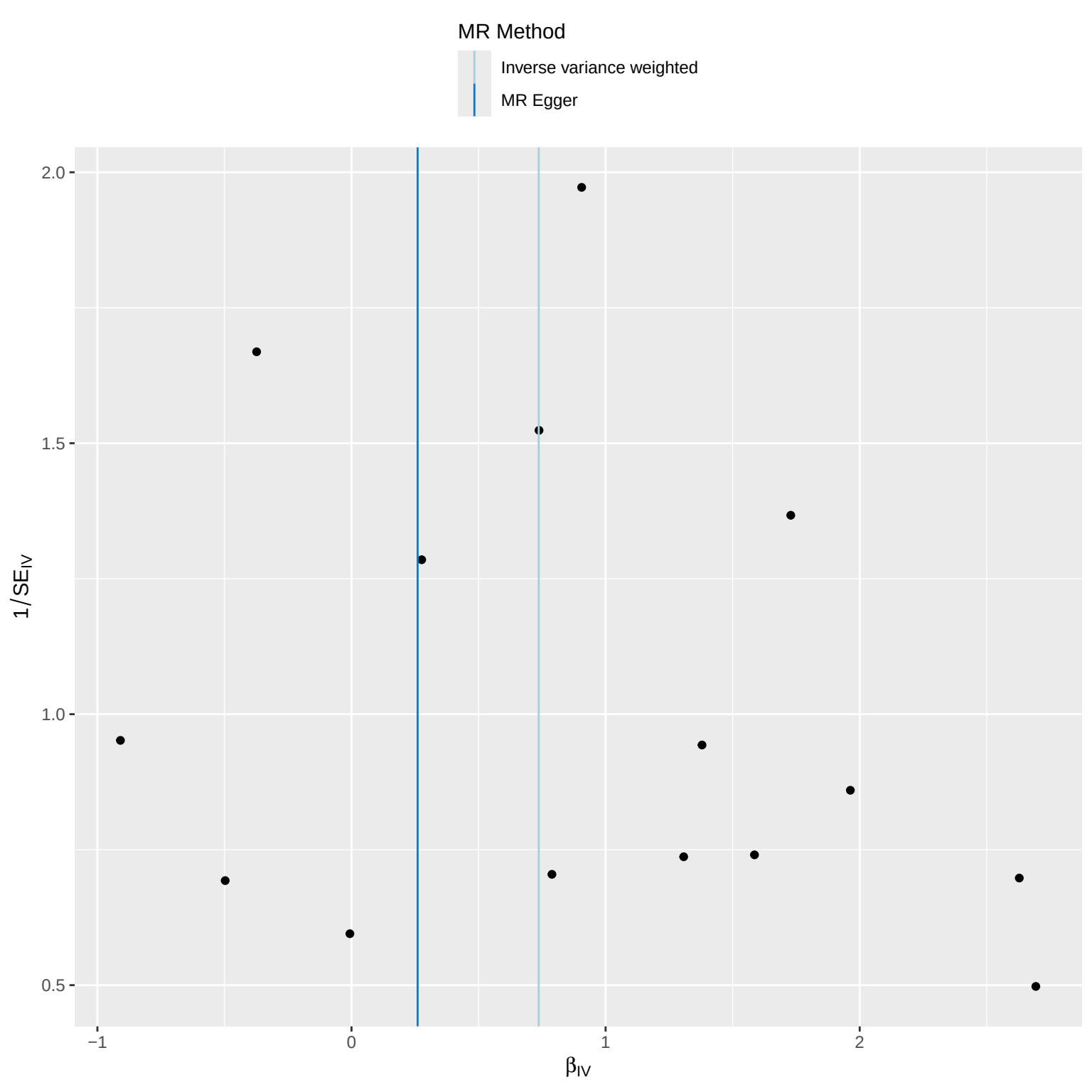

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

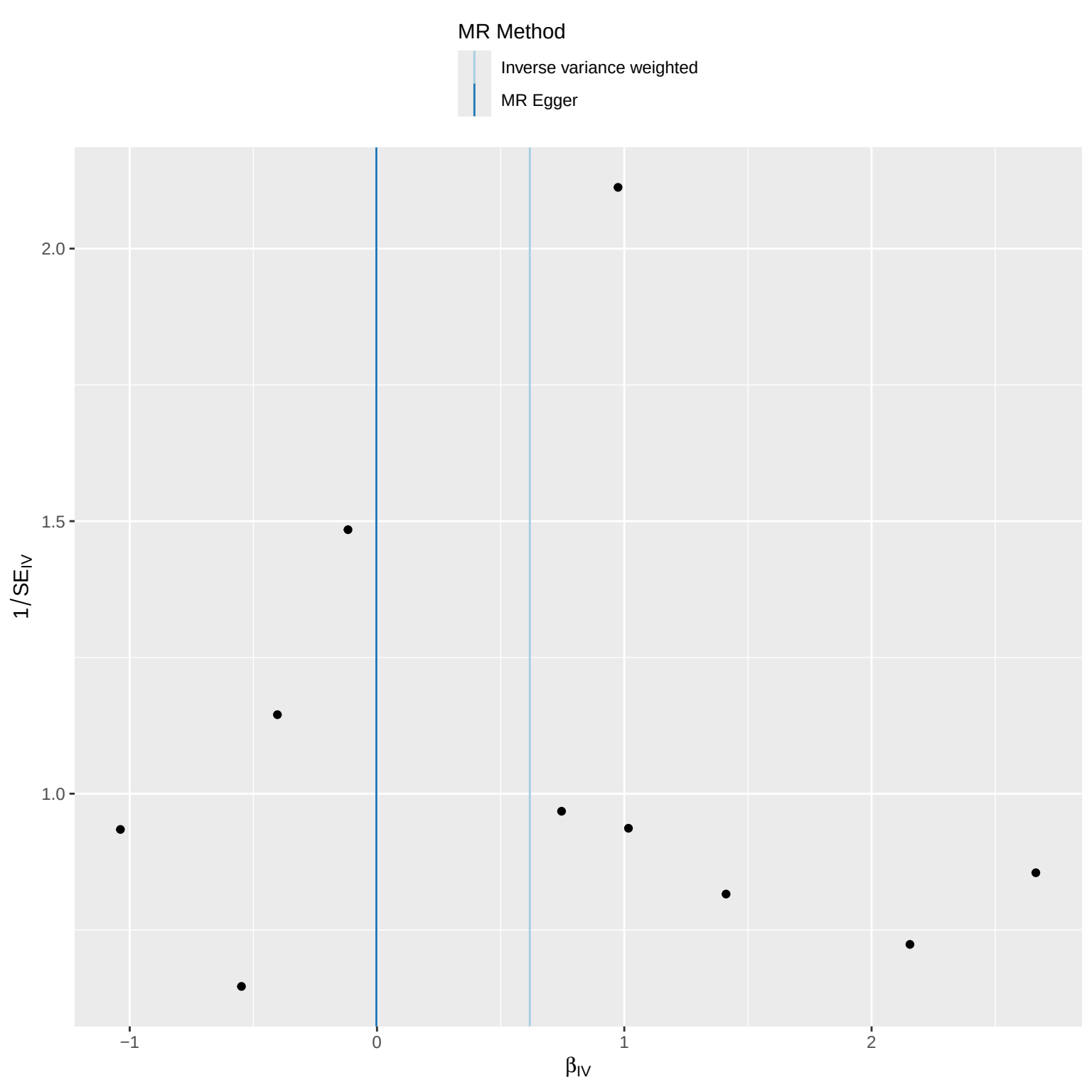

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
β_IV

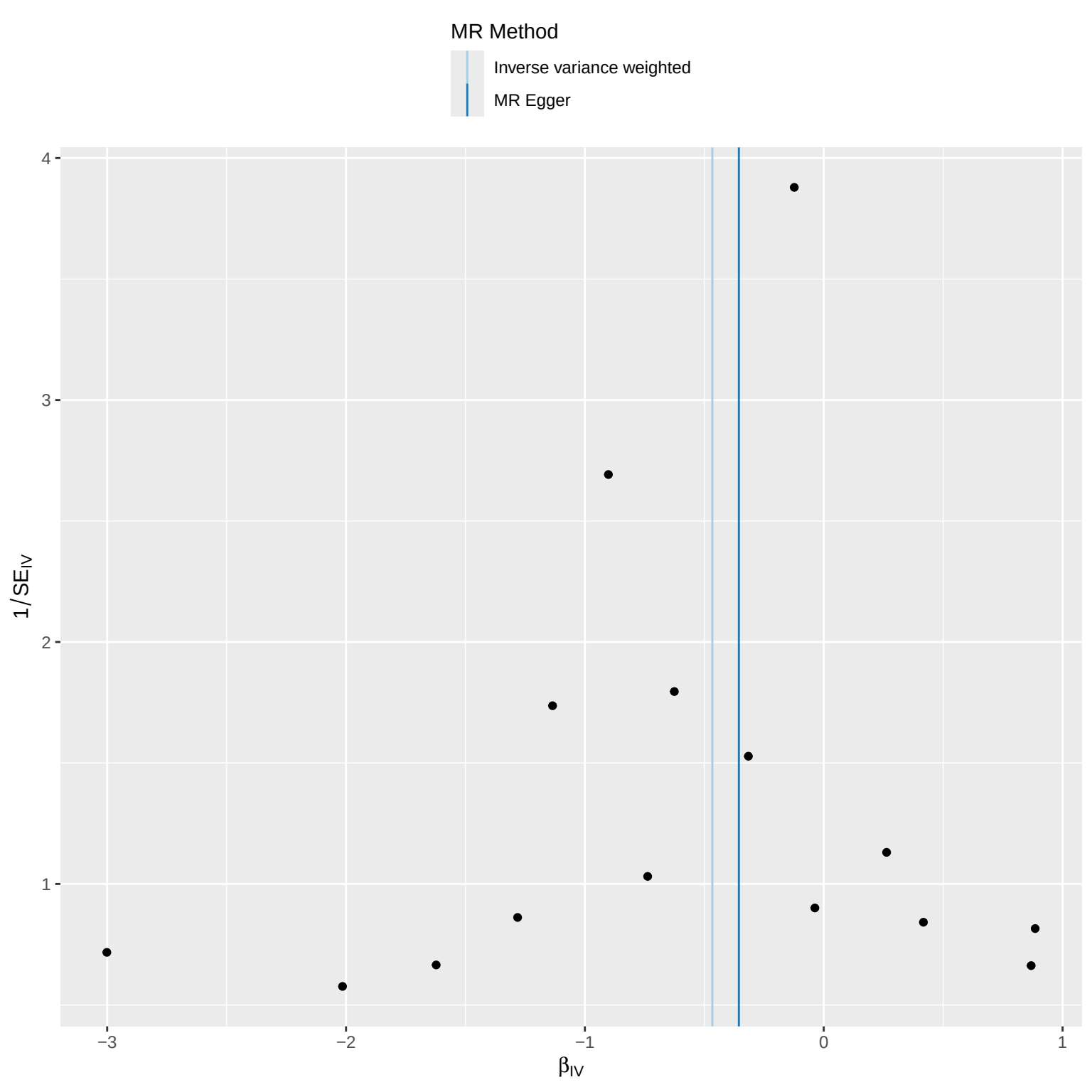

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

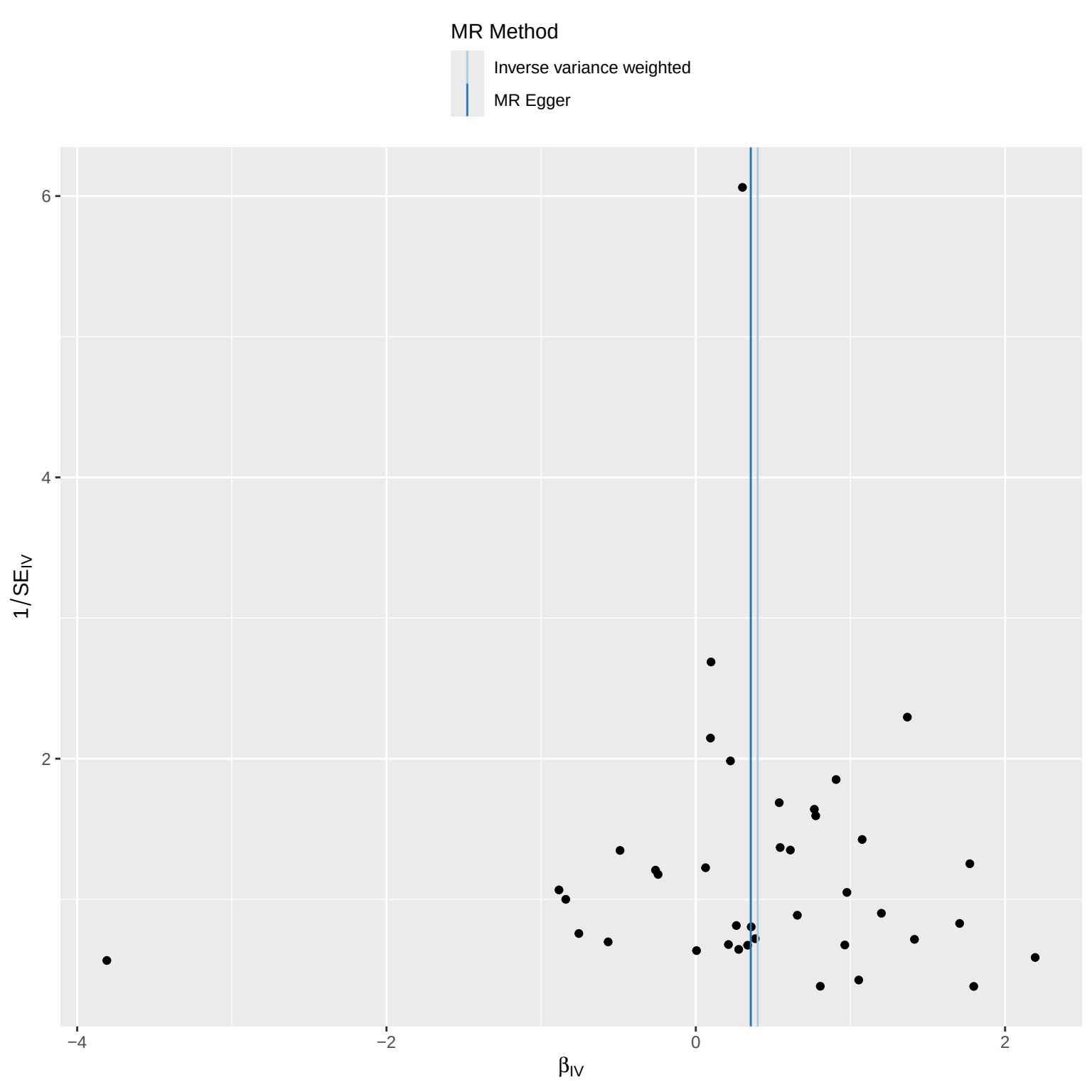

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

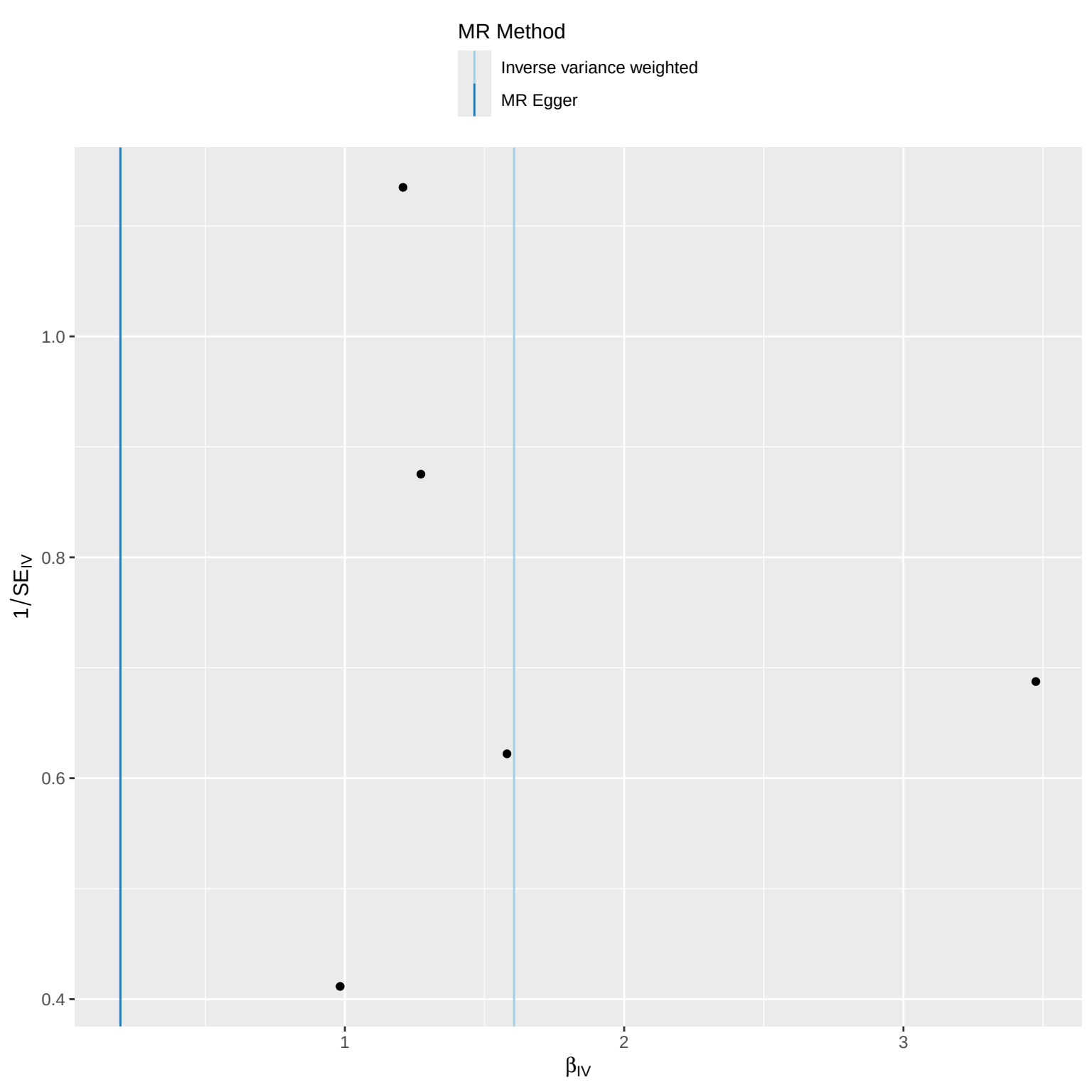

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

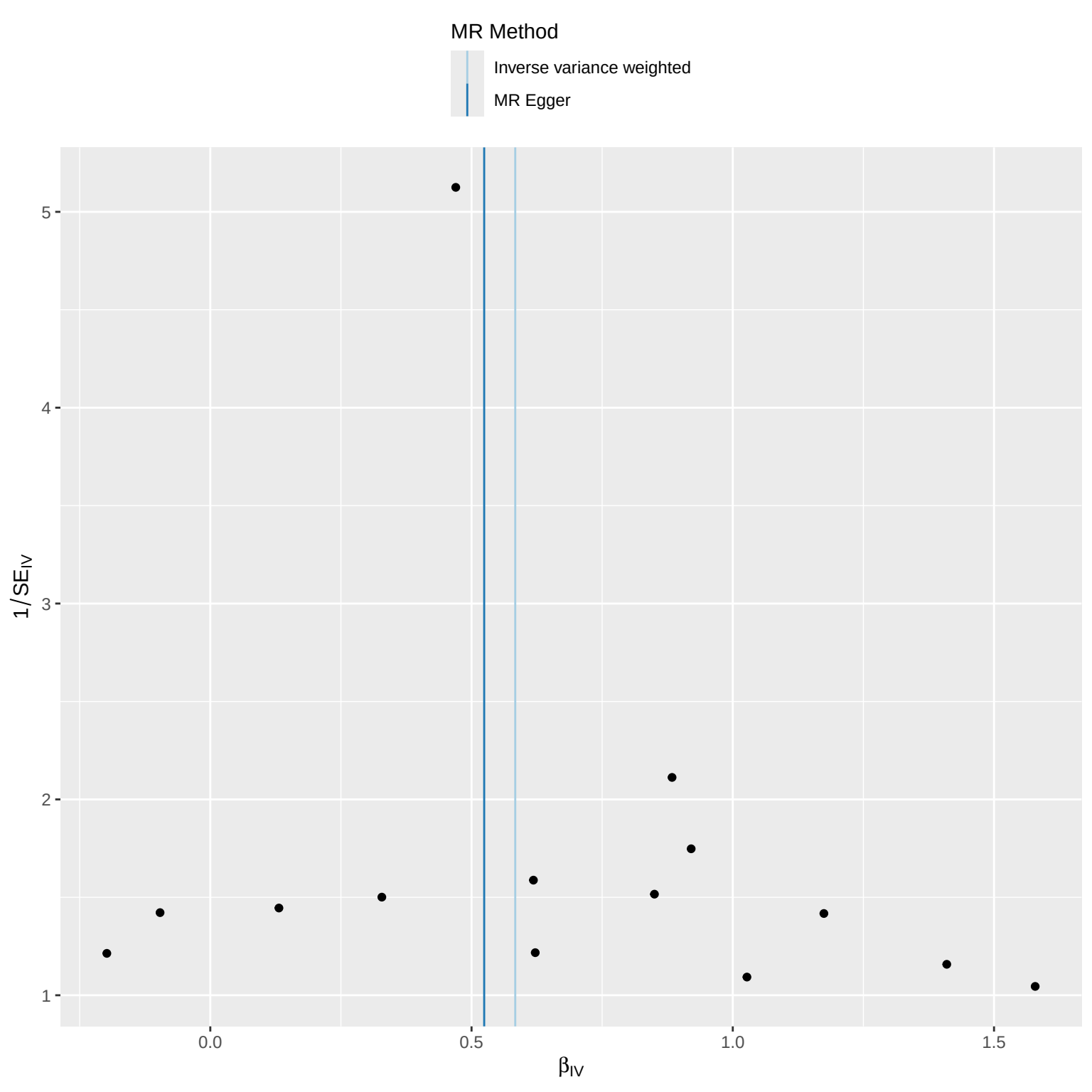

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

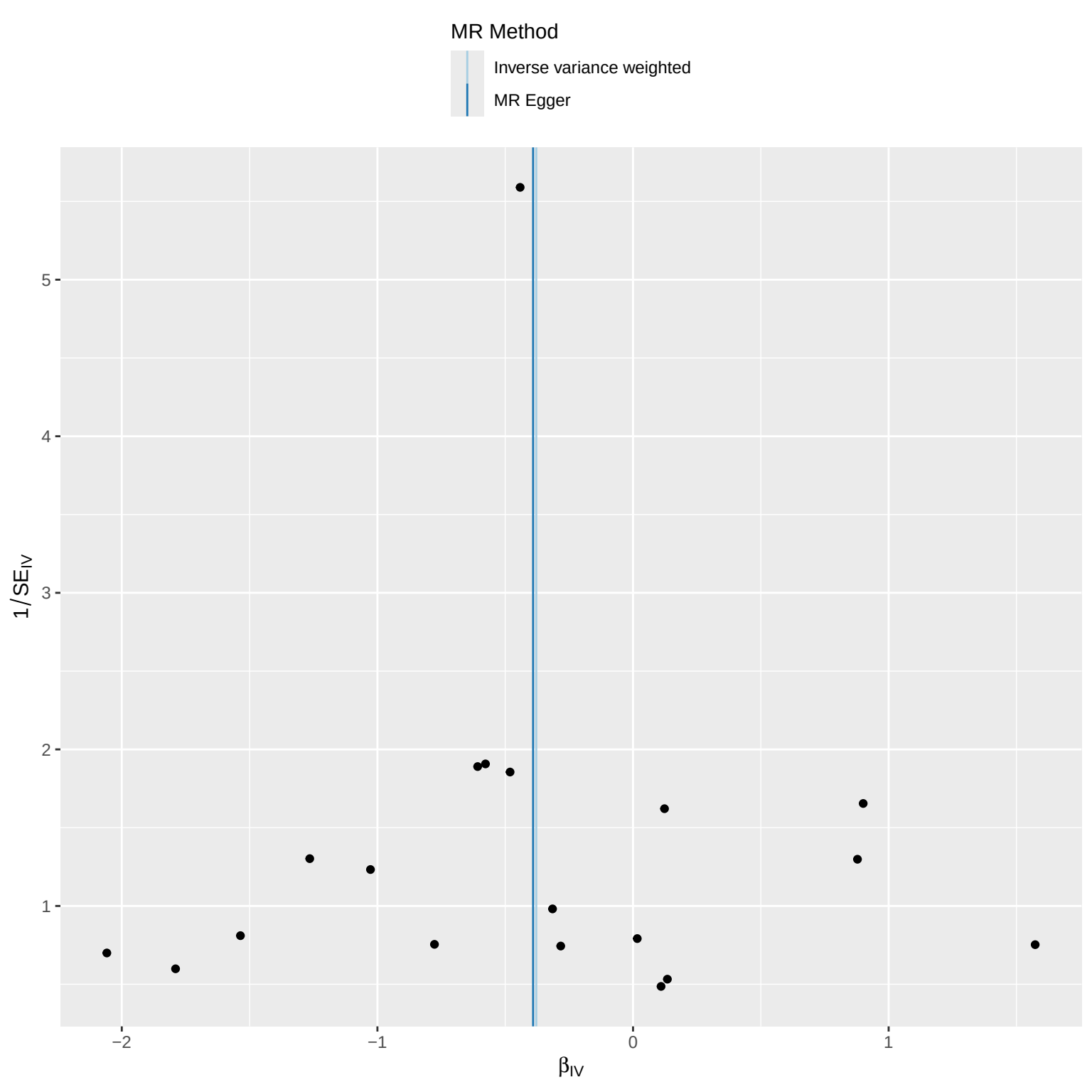

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

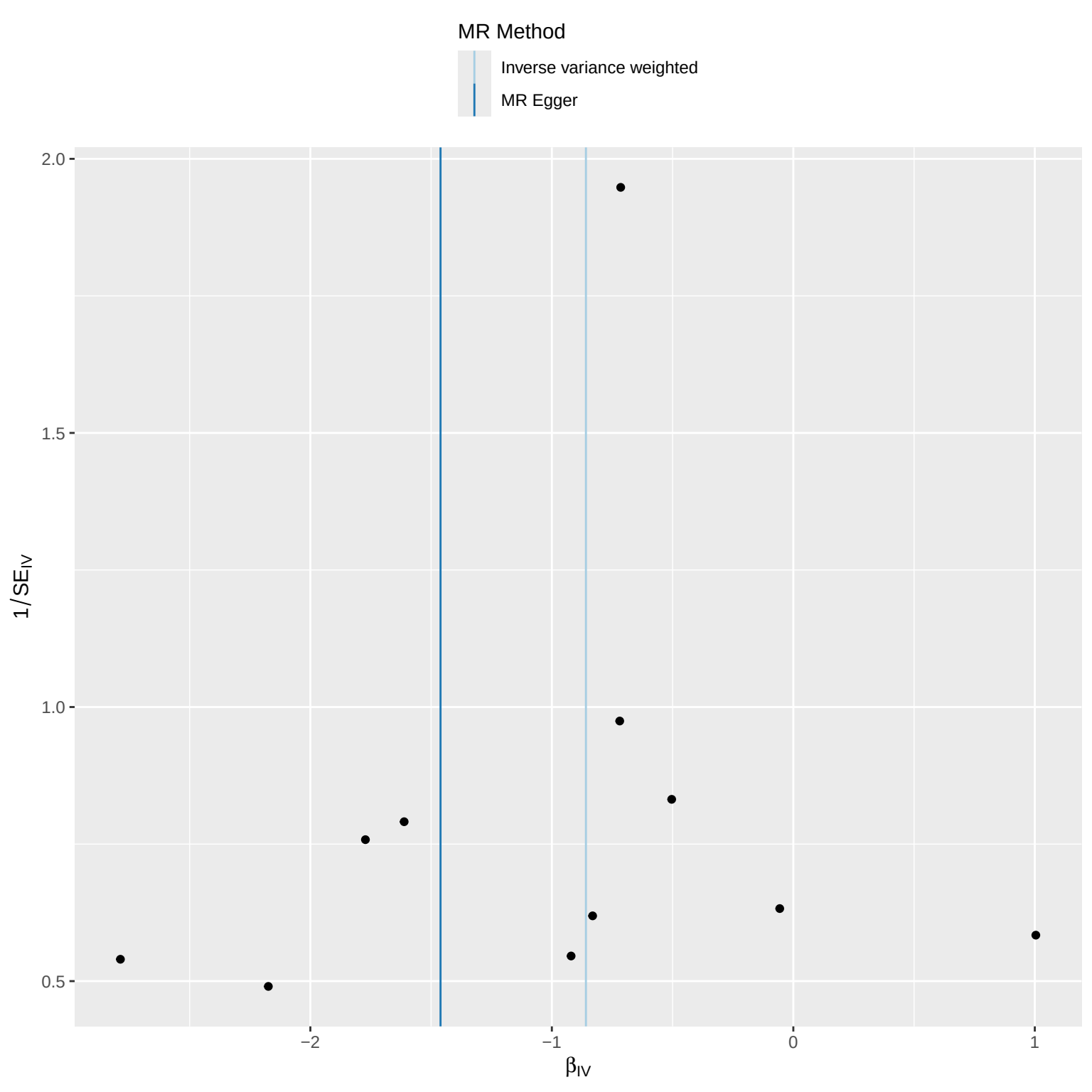

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

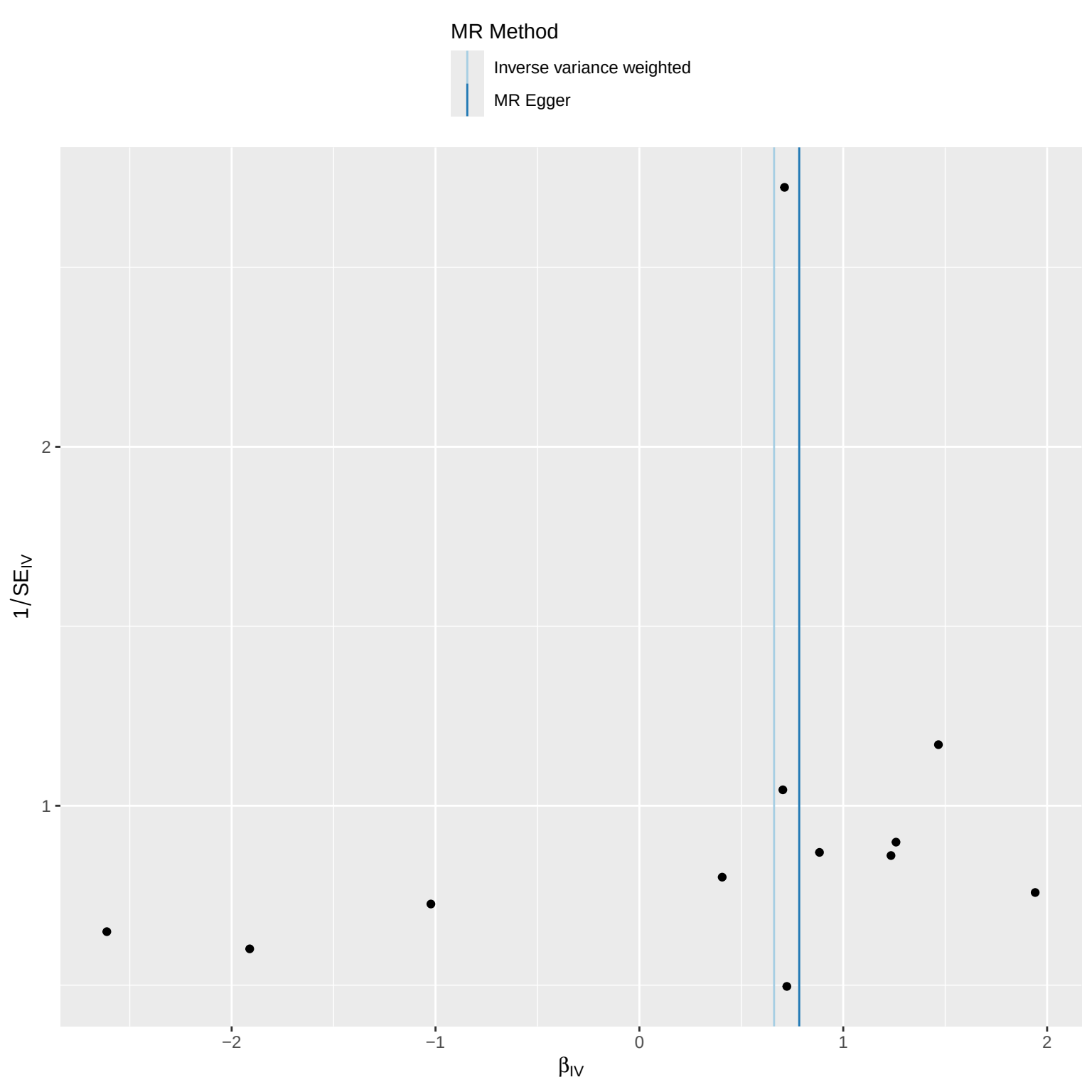

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

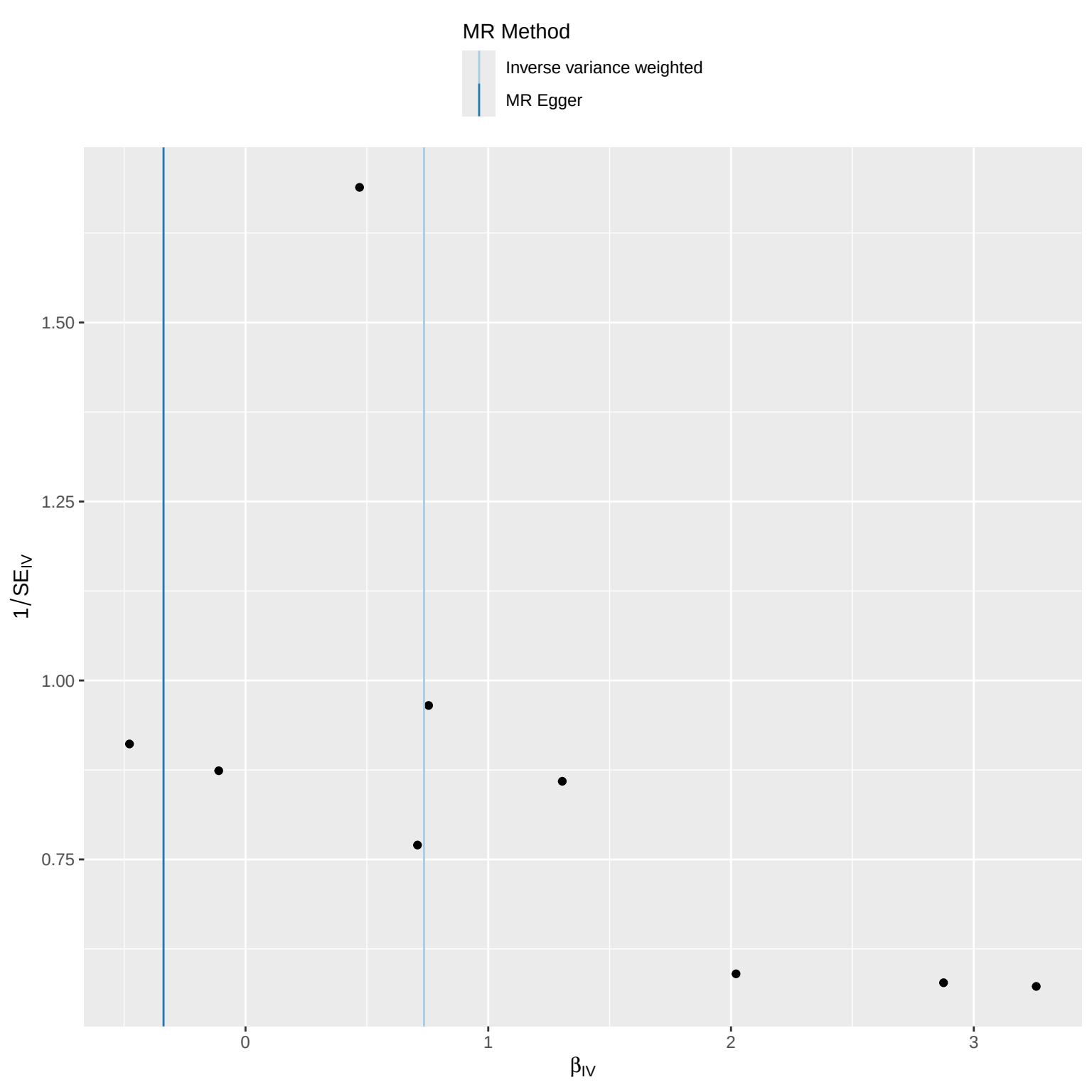

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
1
2
3
β_IV

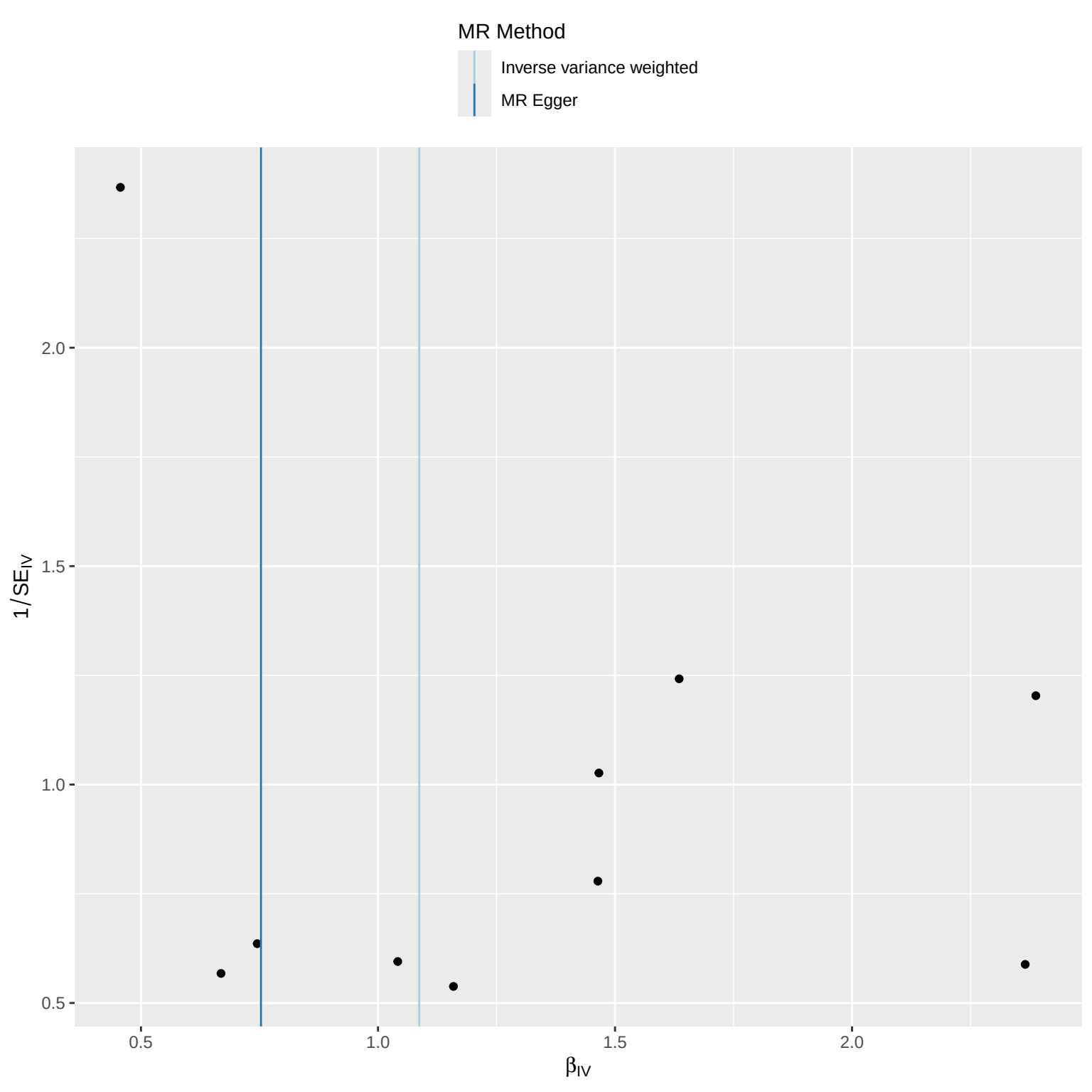

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

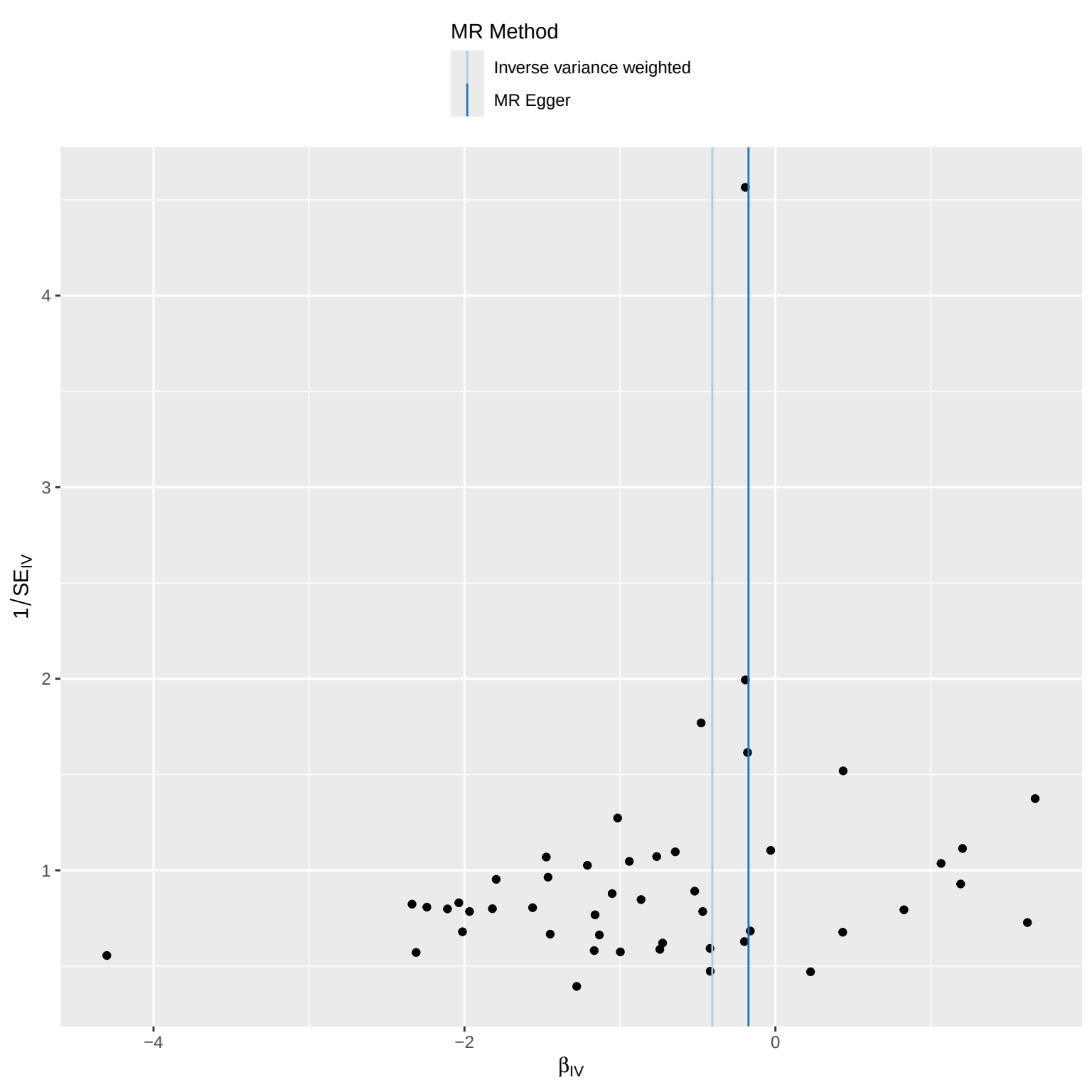

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

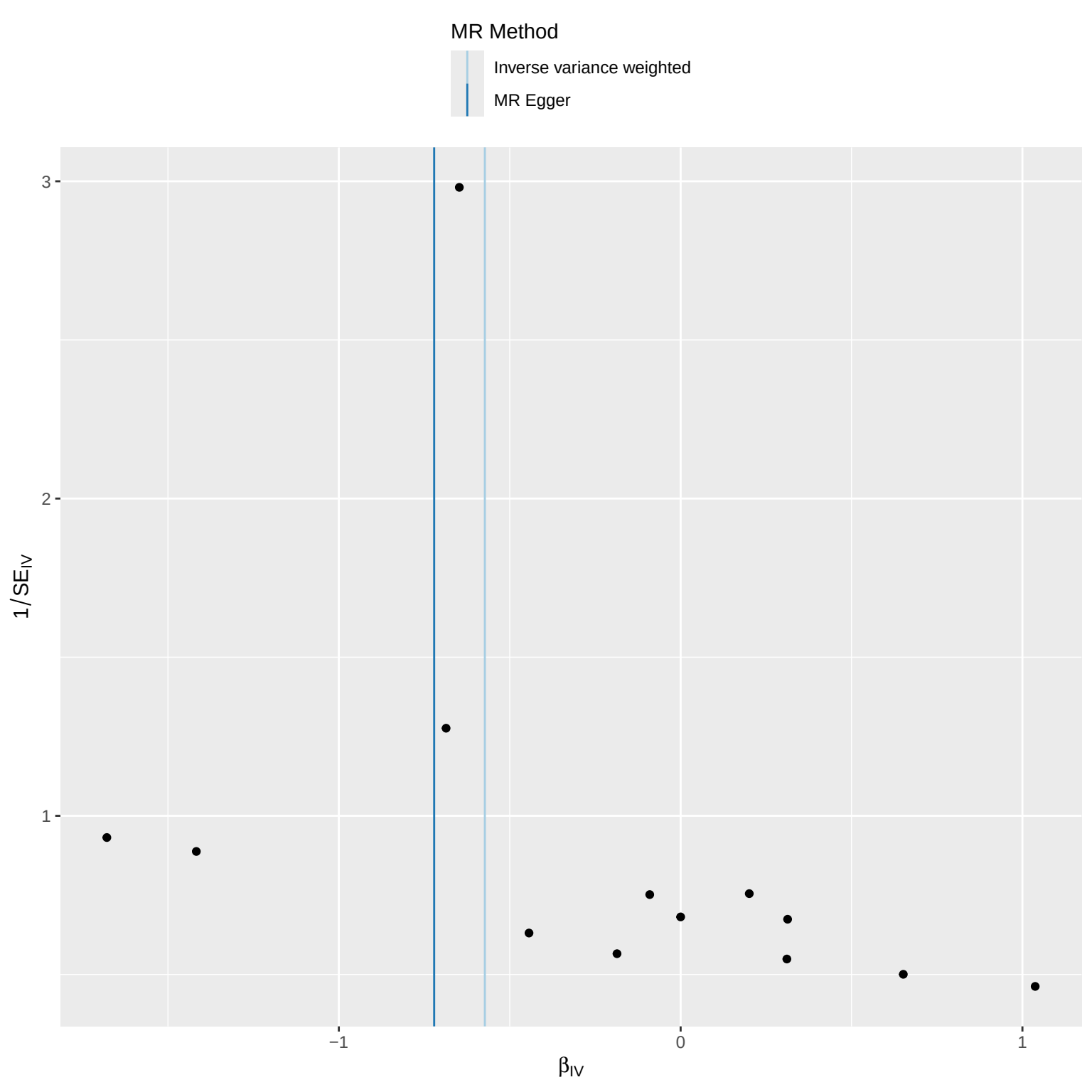

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

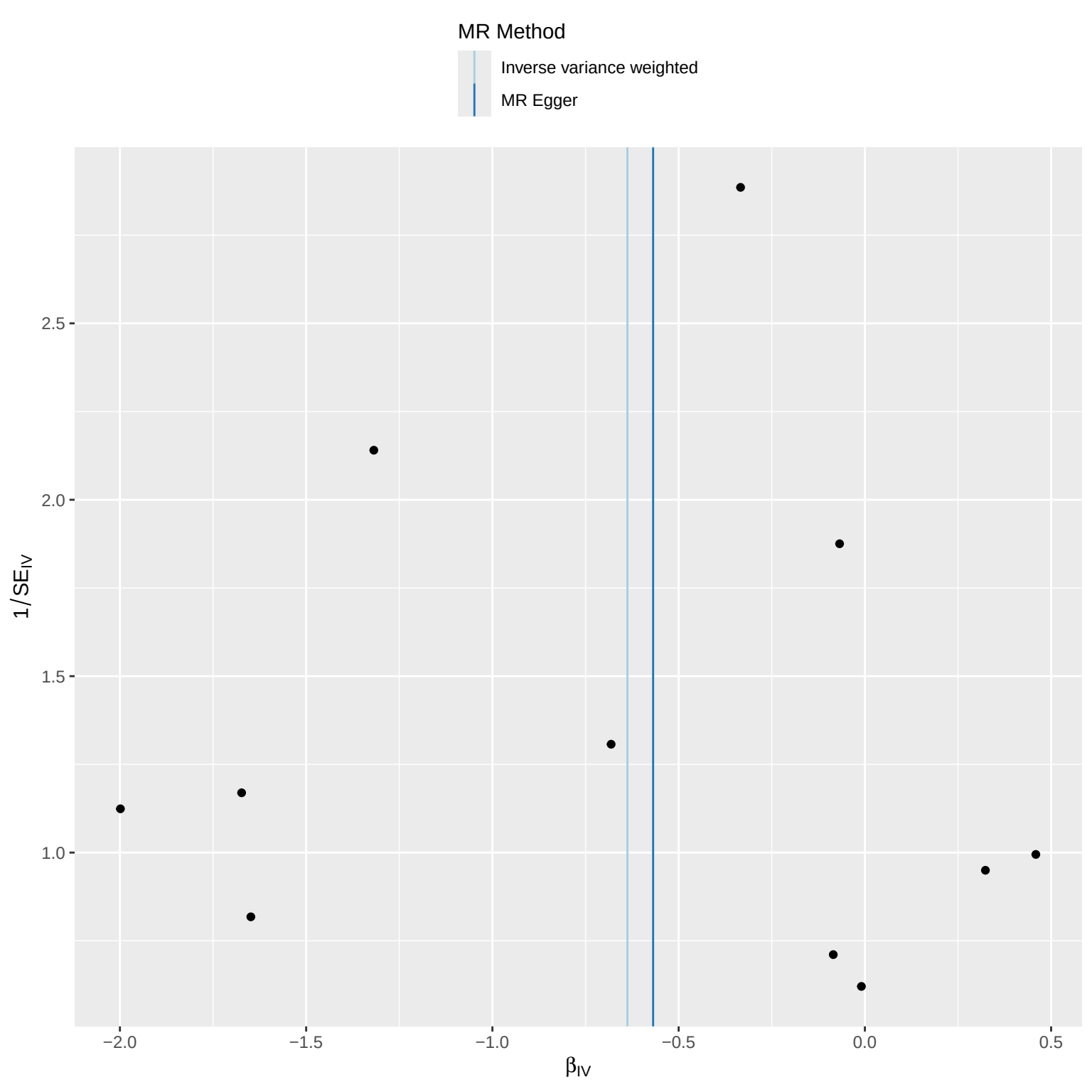

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

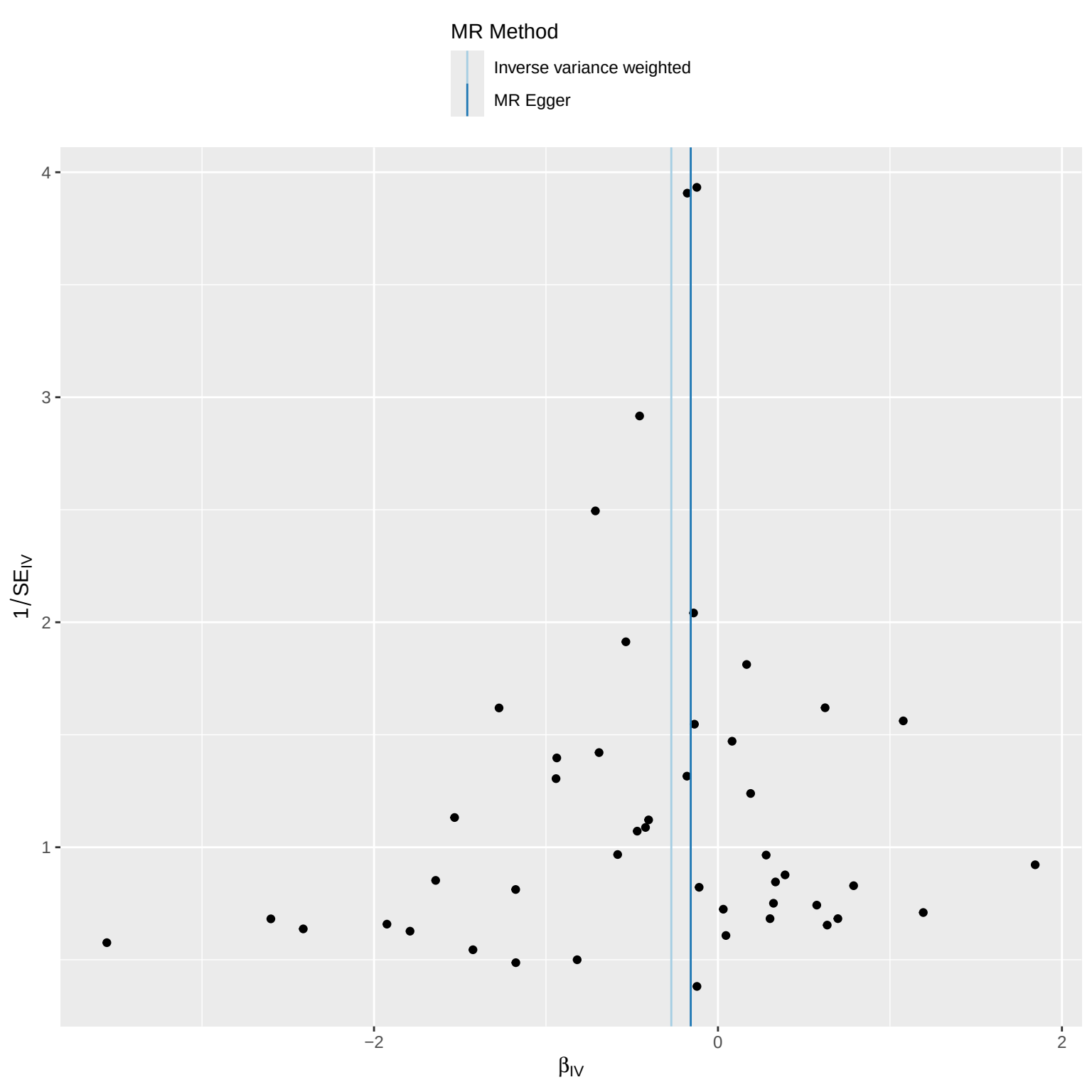

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0
1
2
3
β_IV

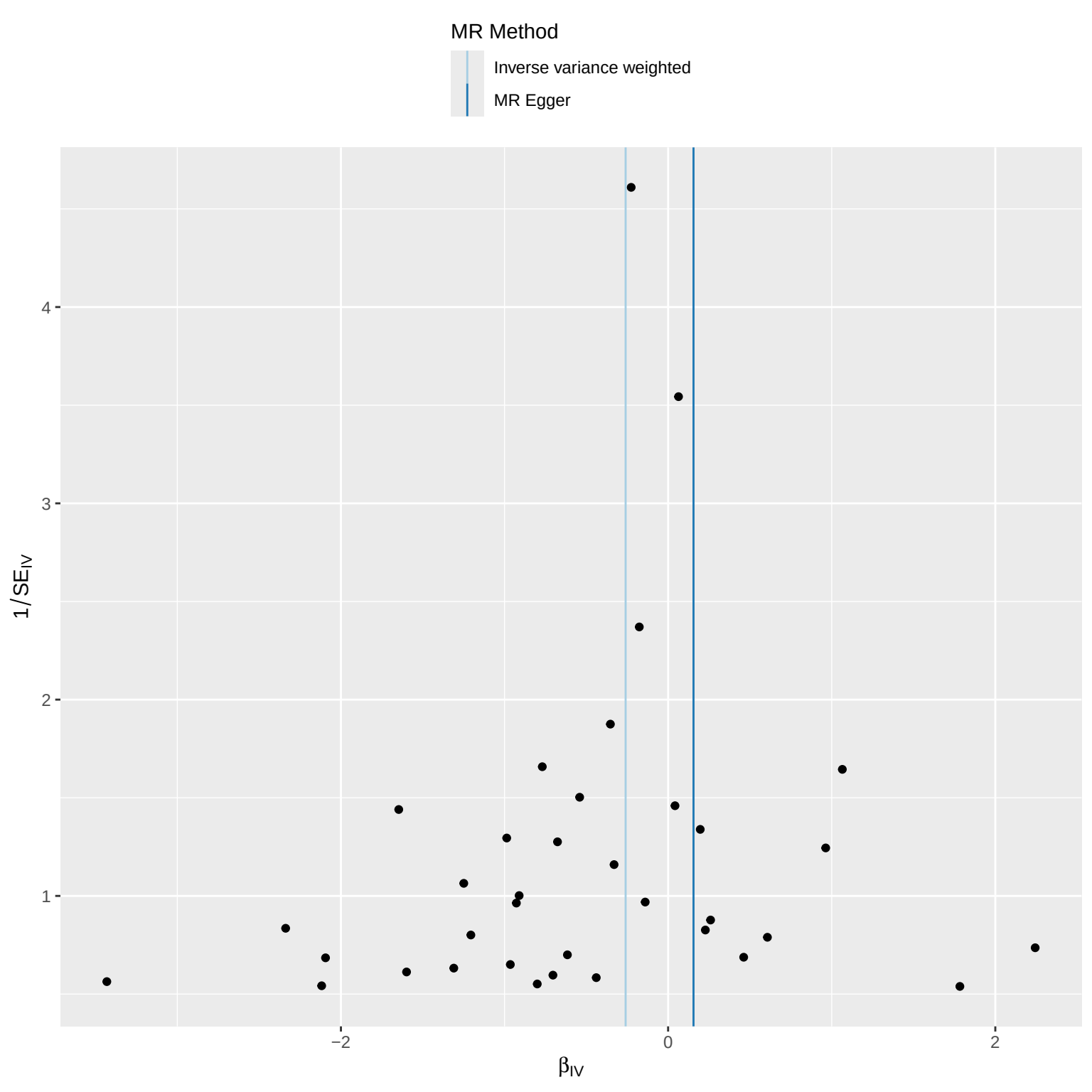

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

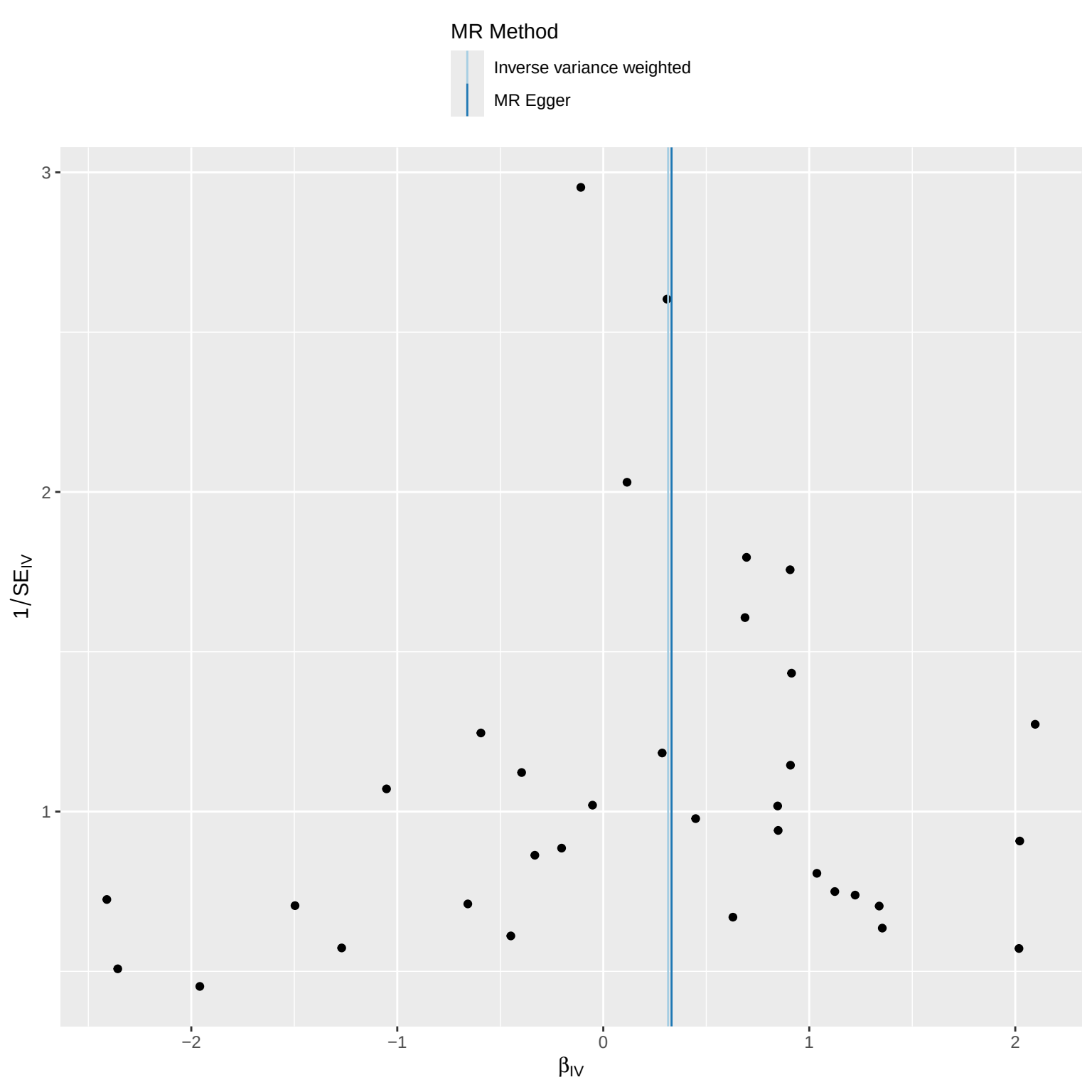

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
β_IV

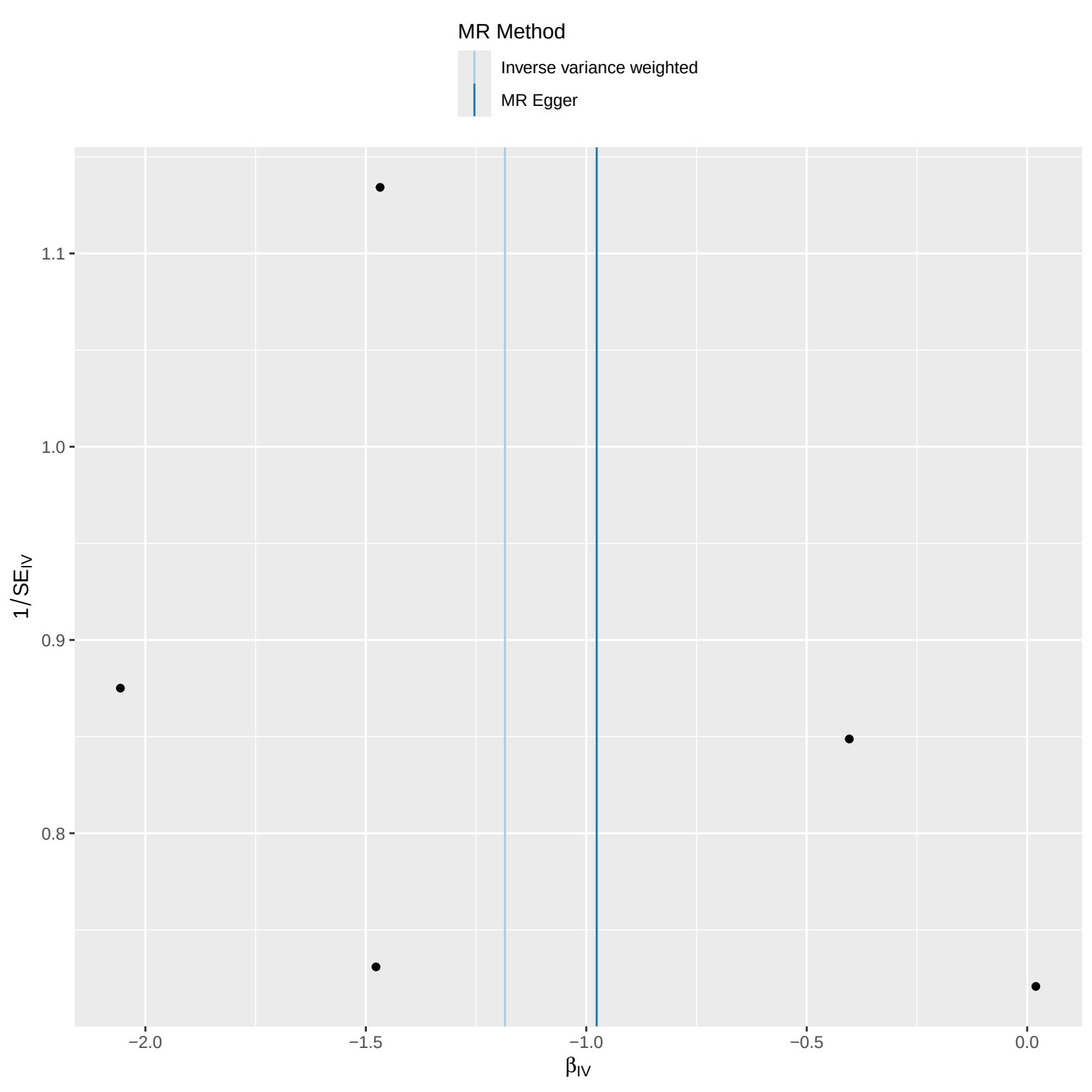

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

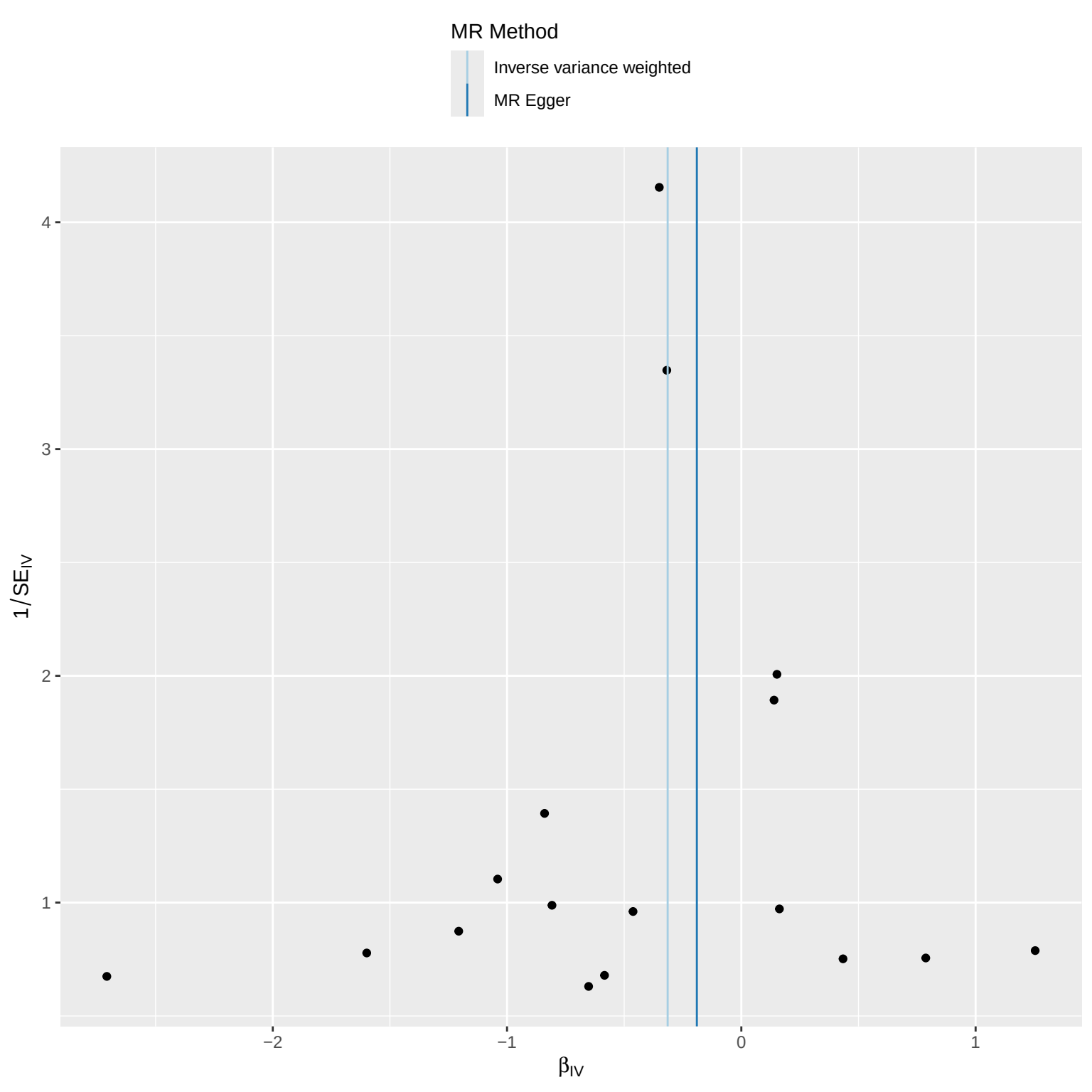

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

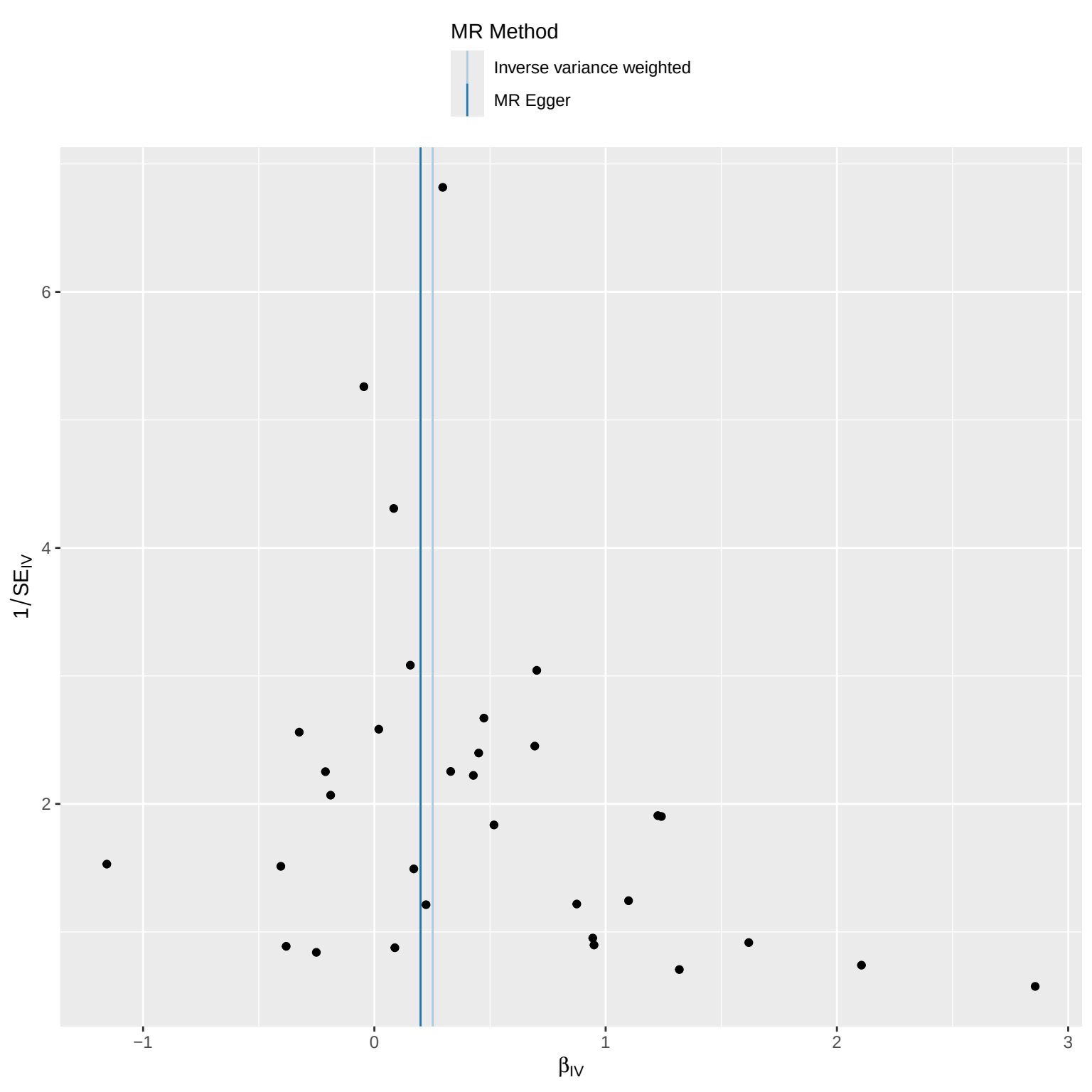

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

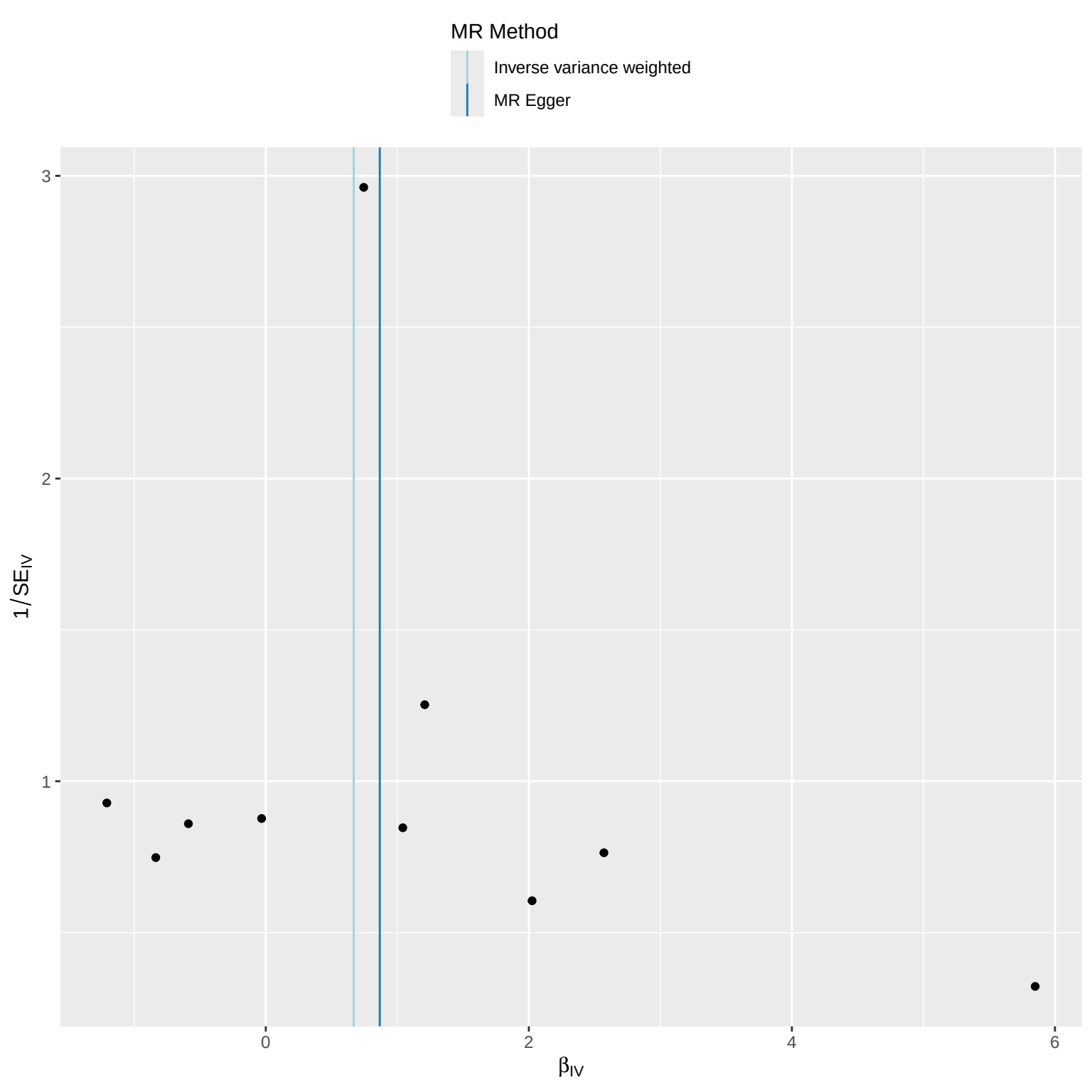

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

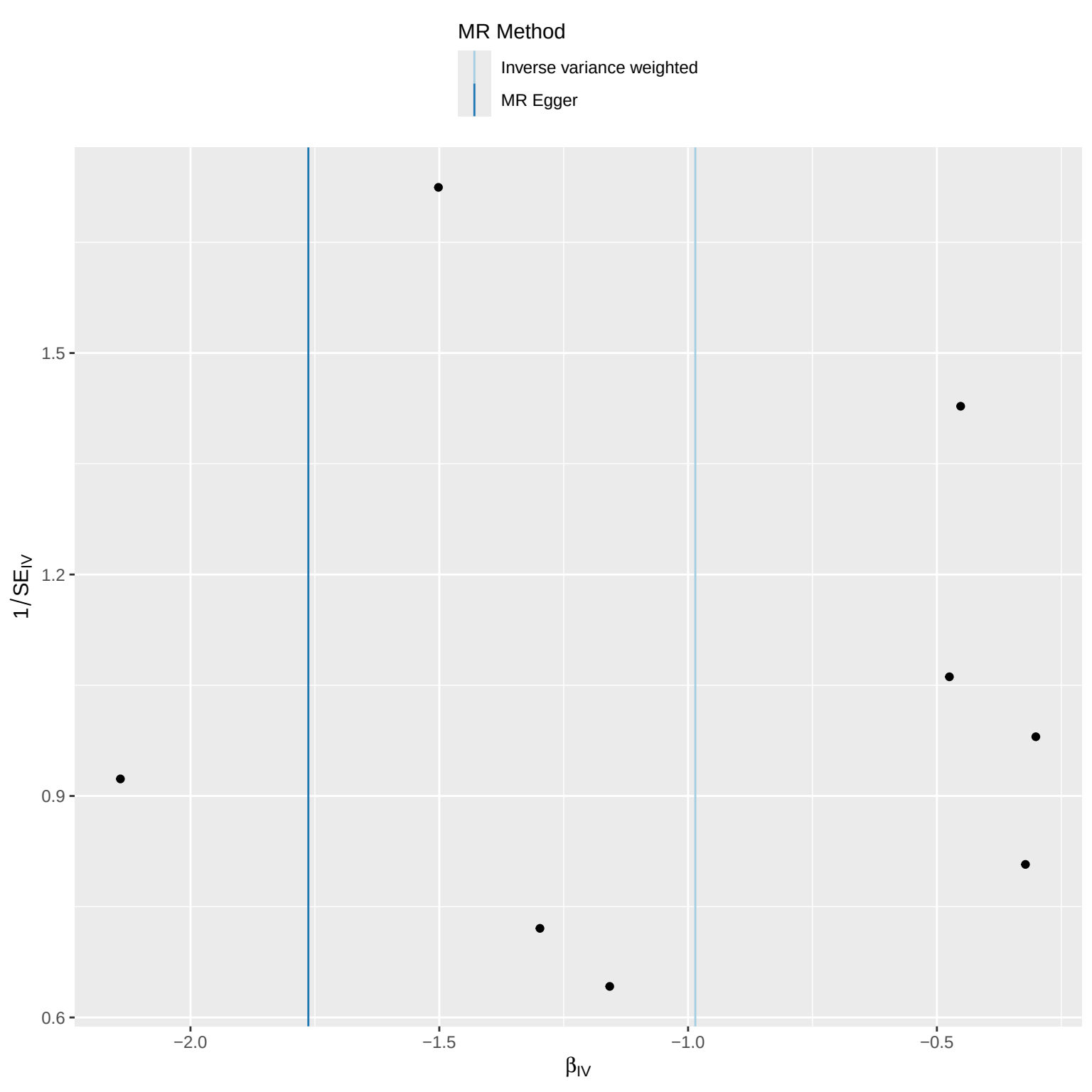

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

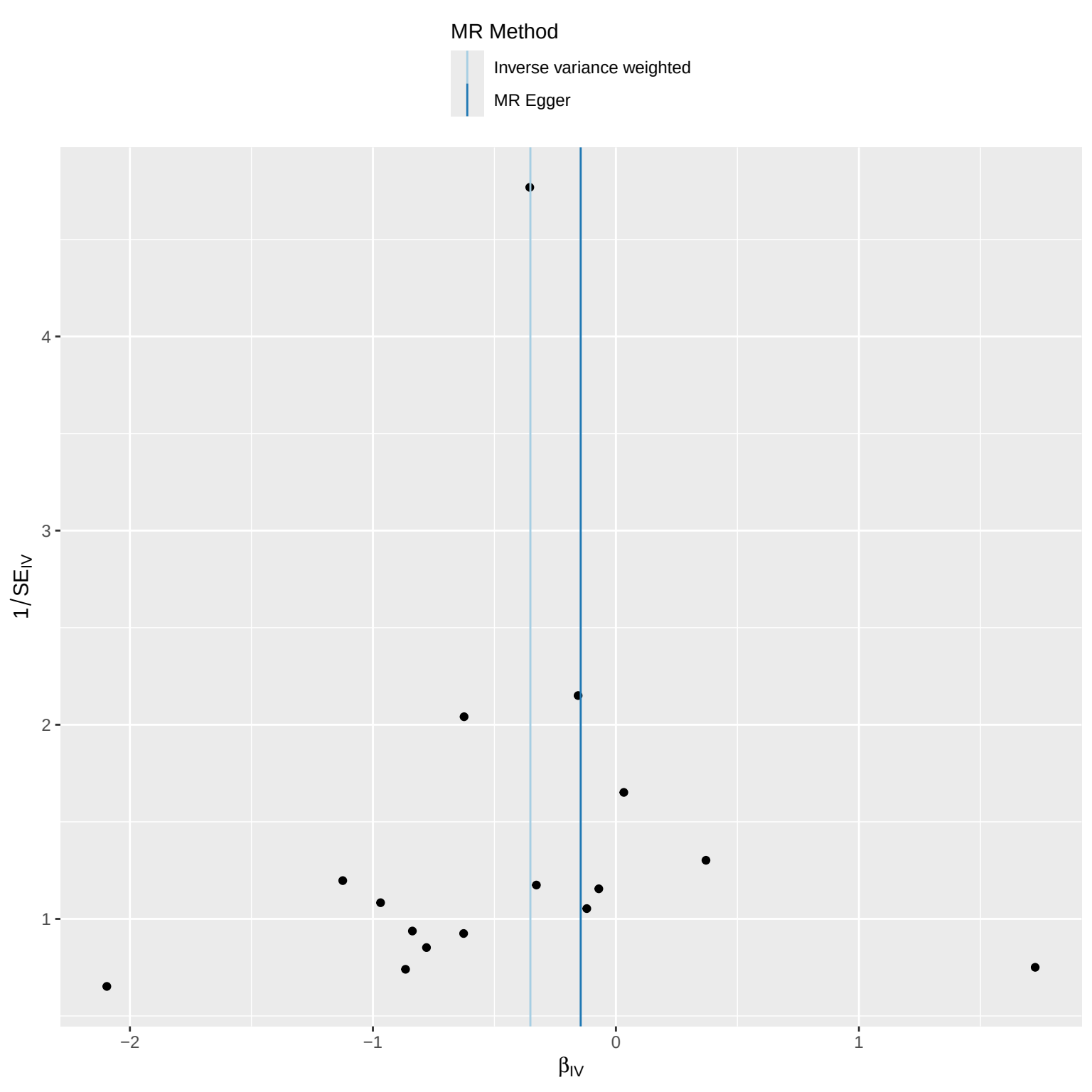

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

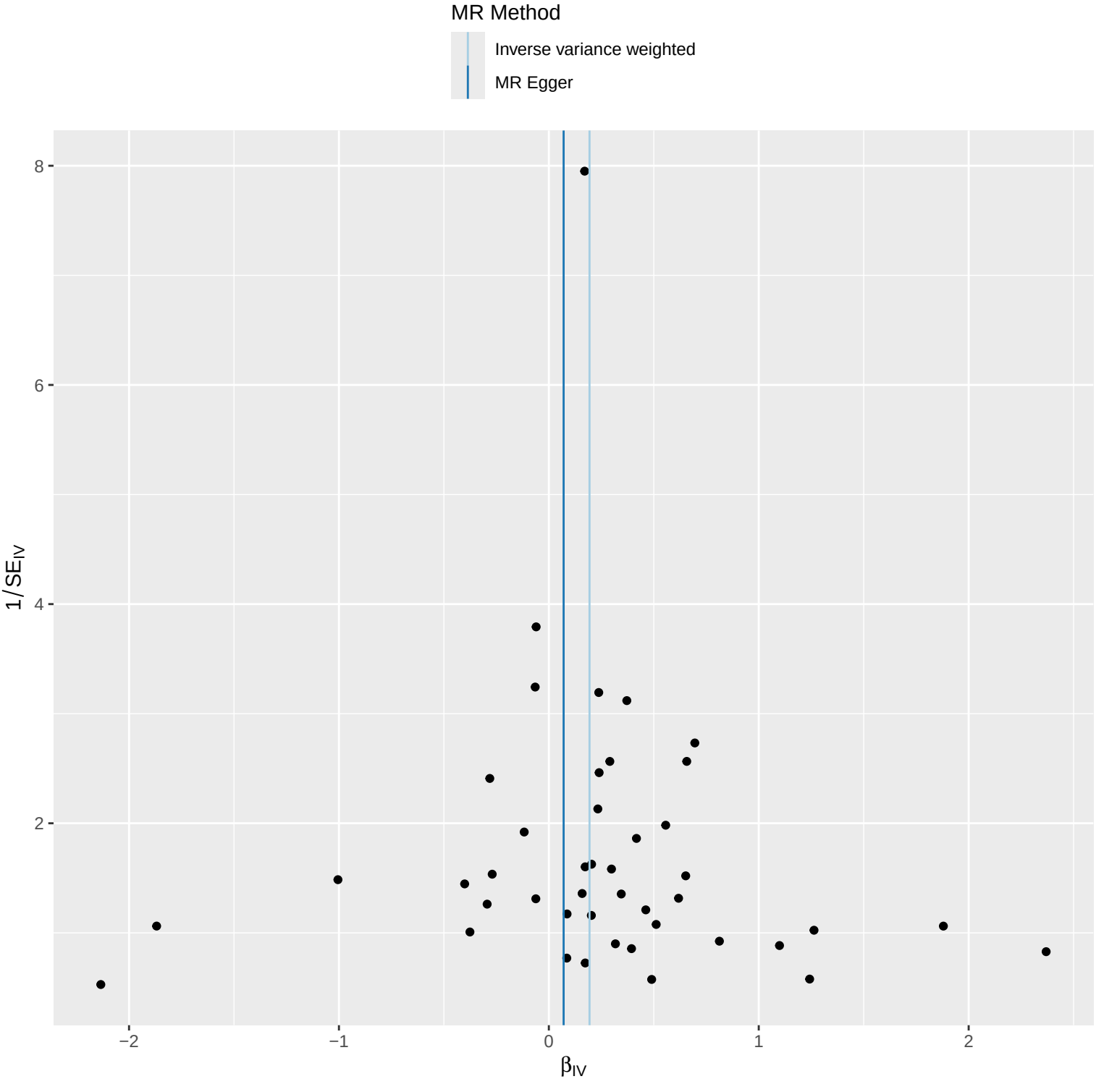

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

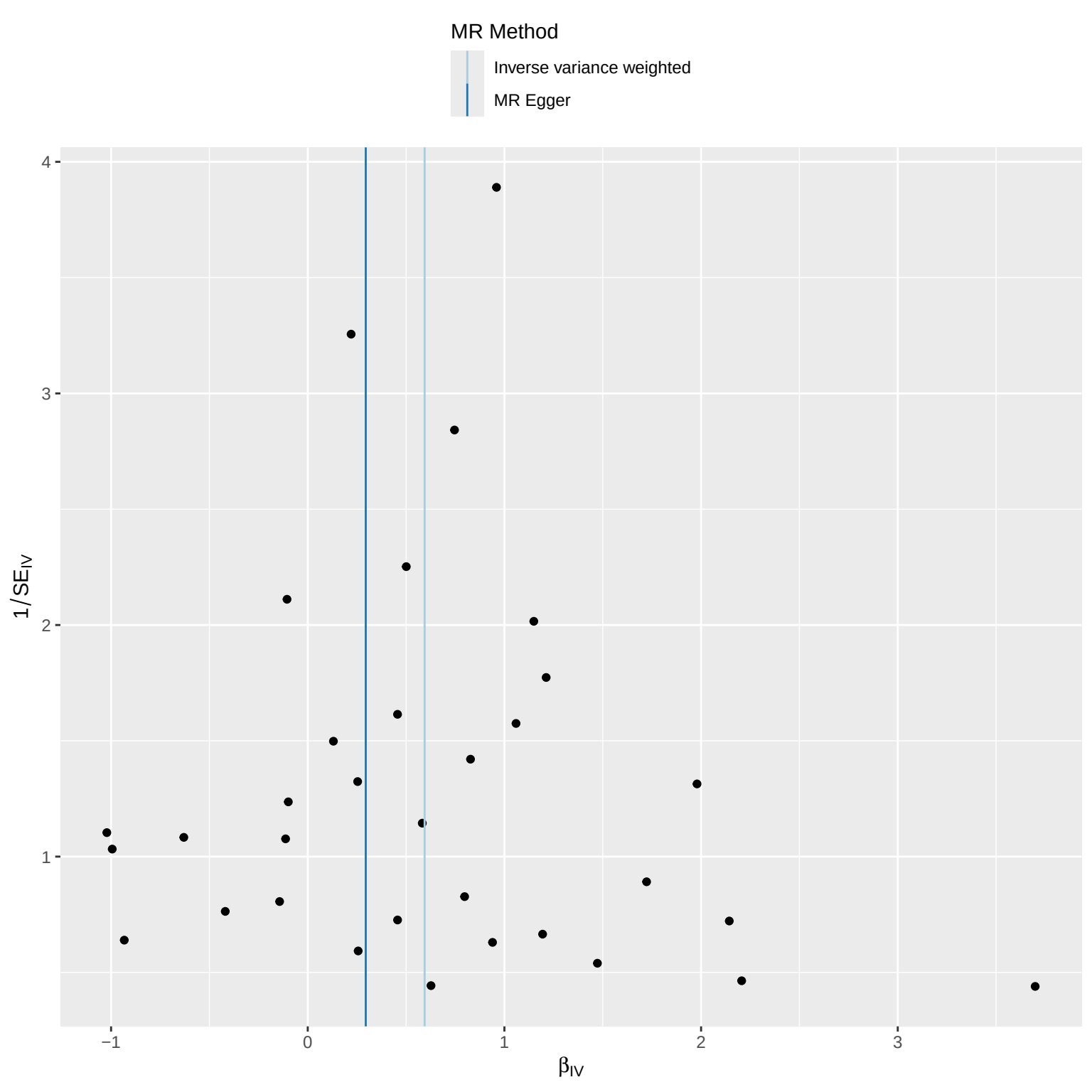

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
3
β_IV

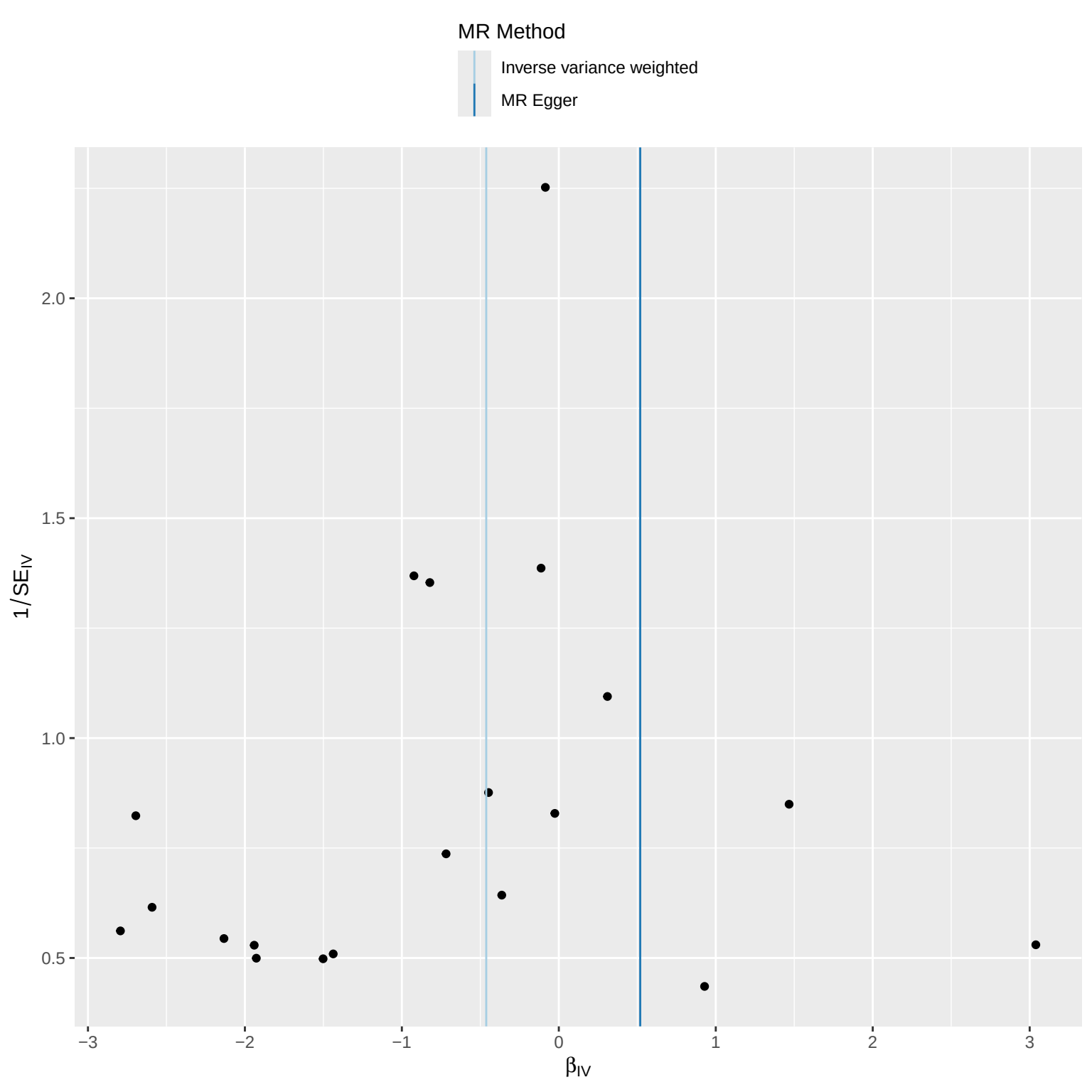

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
0
2
4
6
β_{IV}

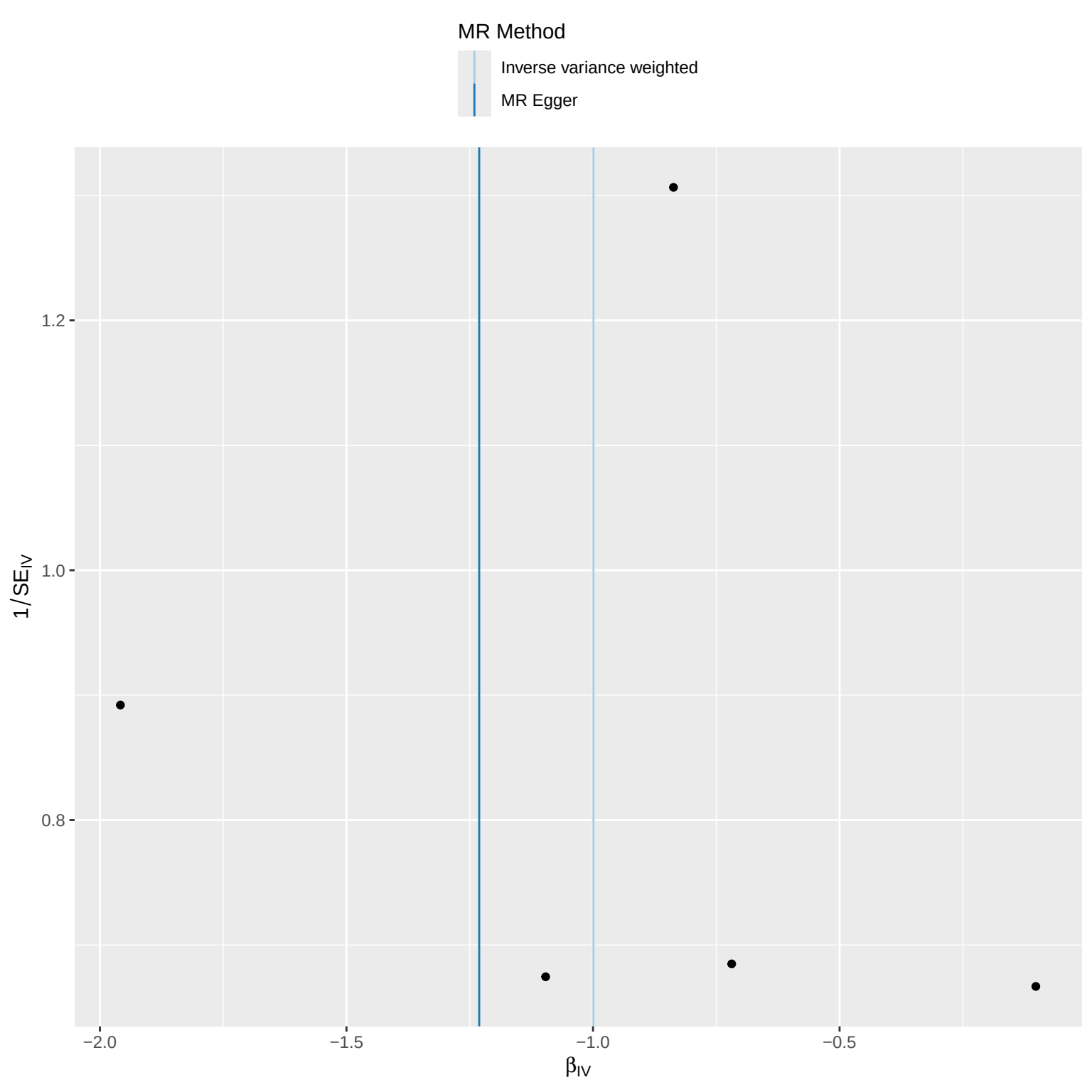

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

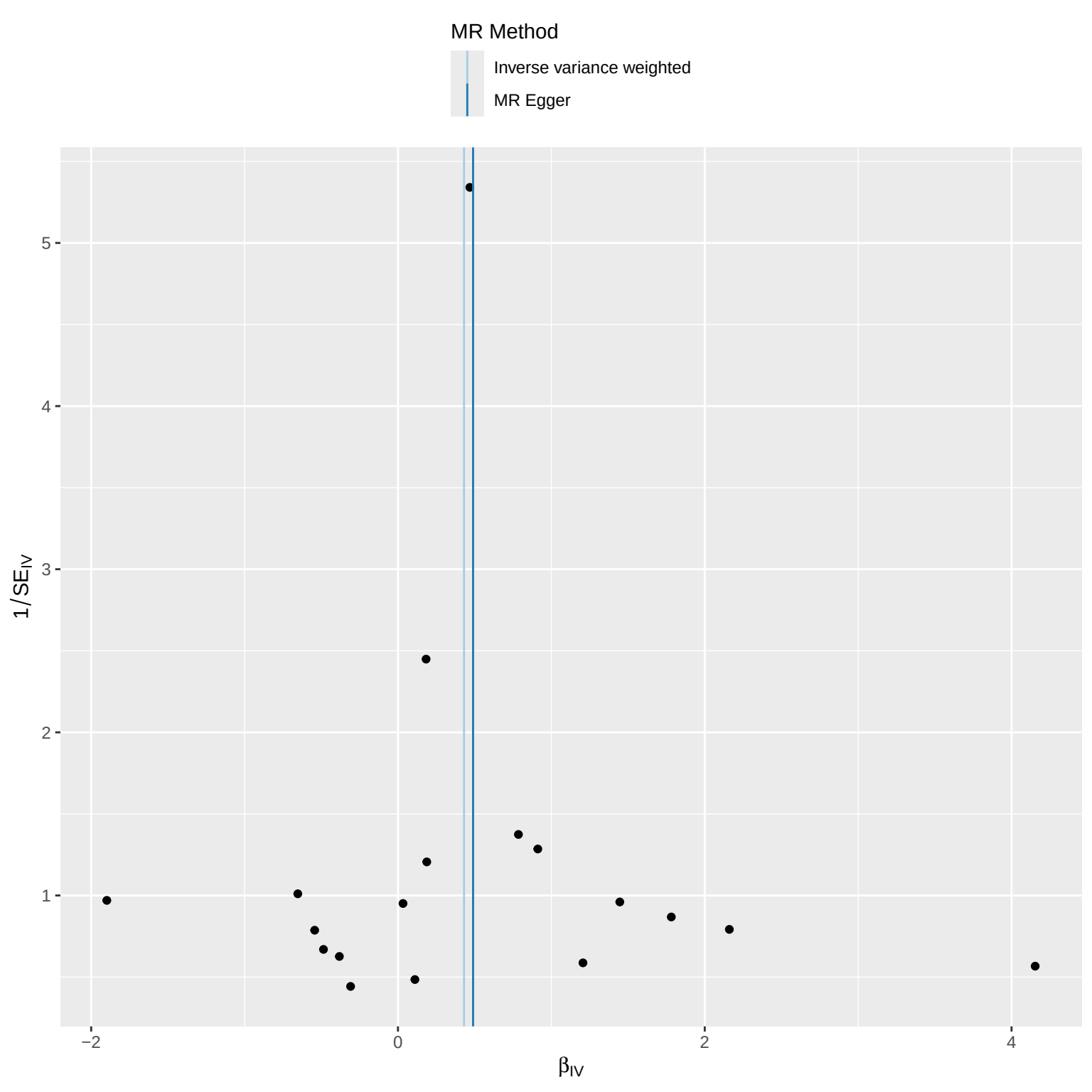

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

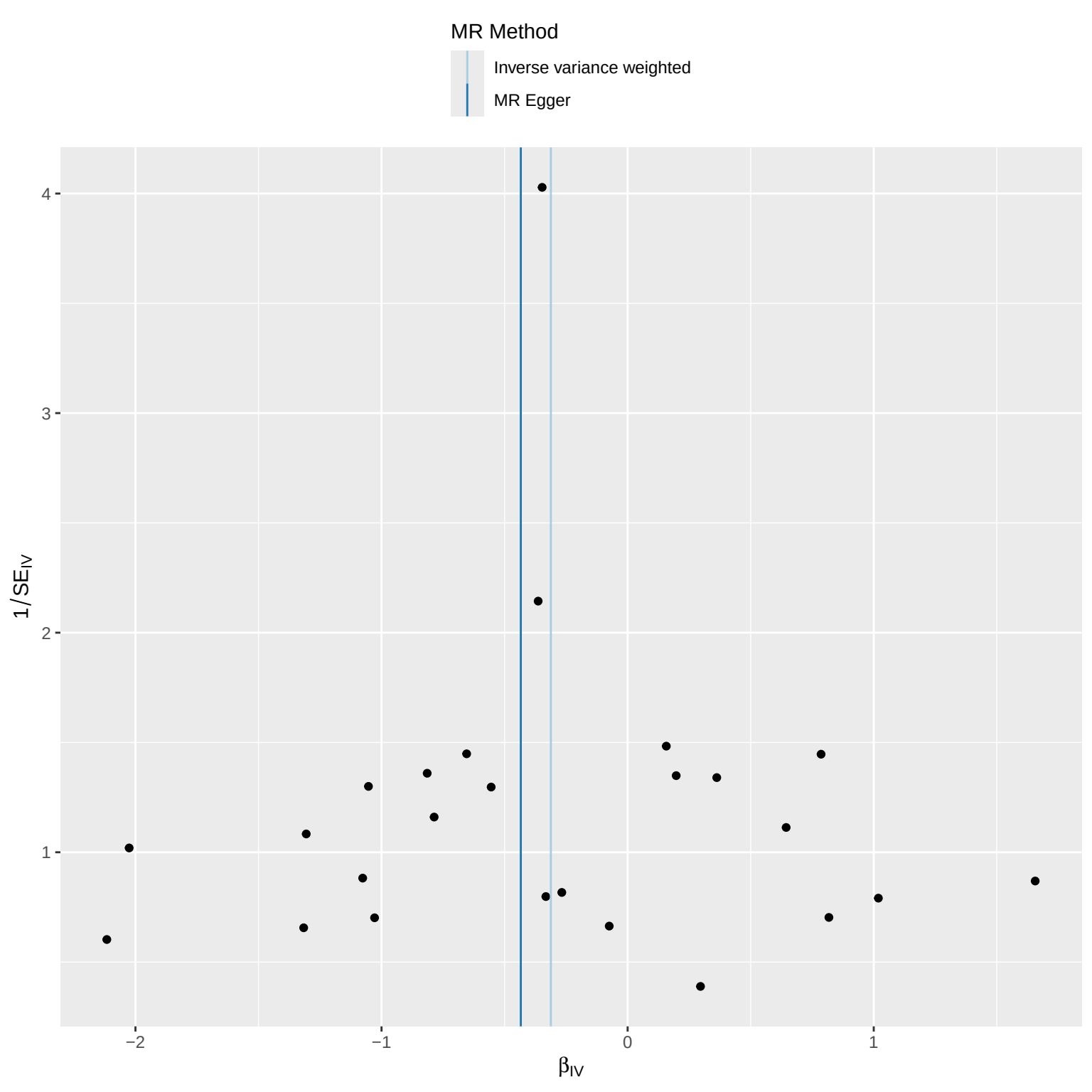

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

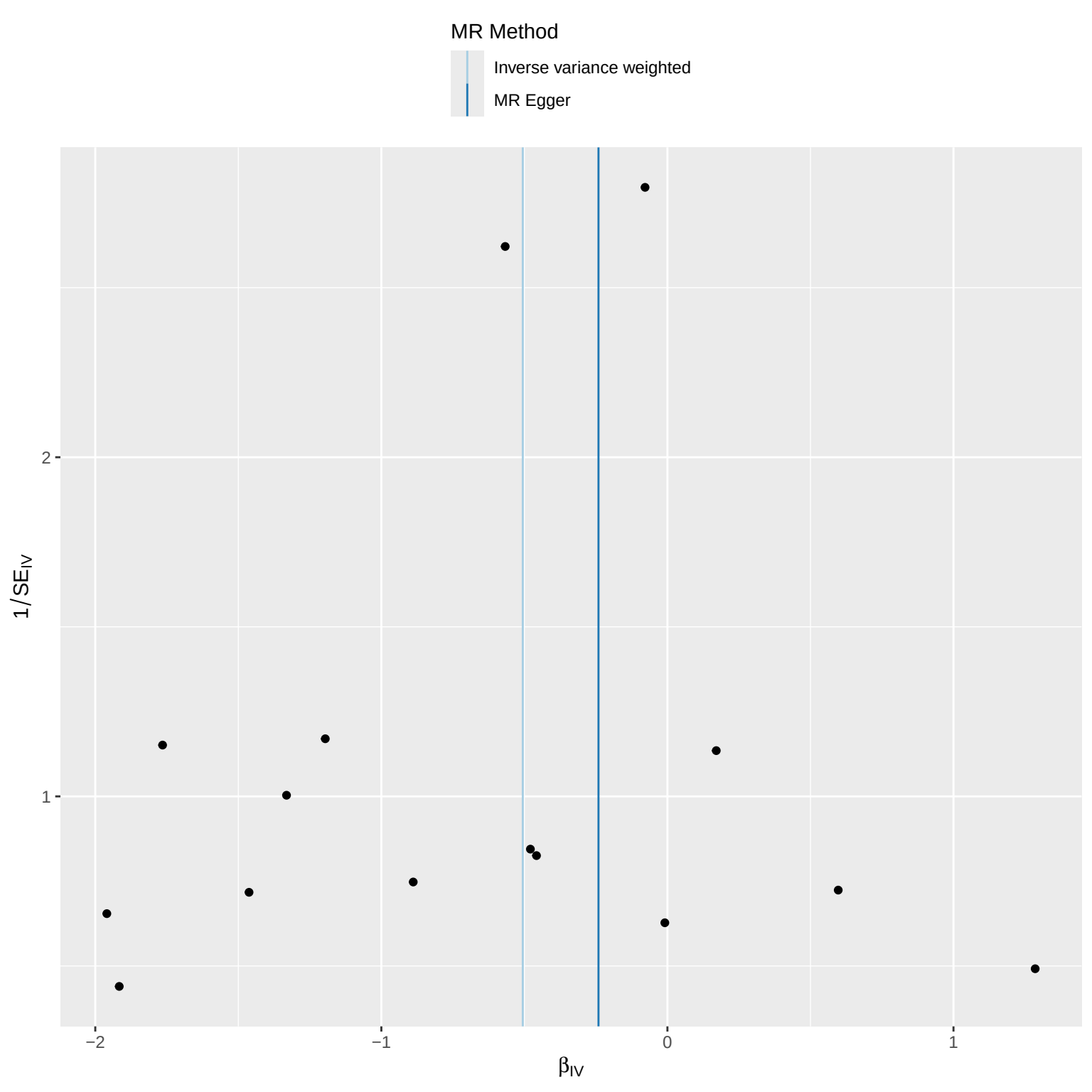

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

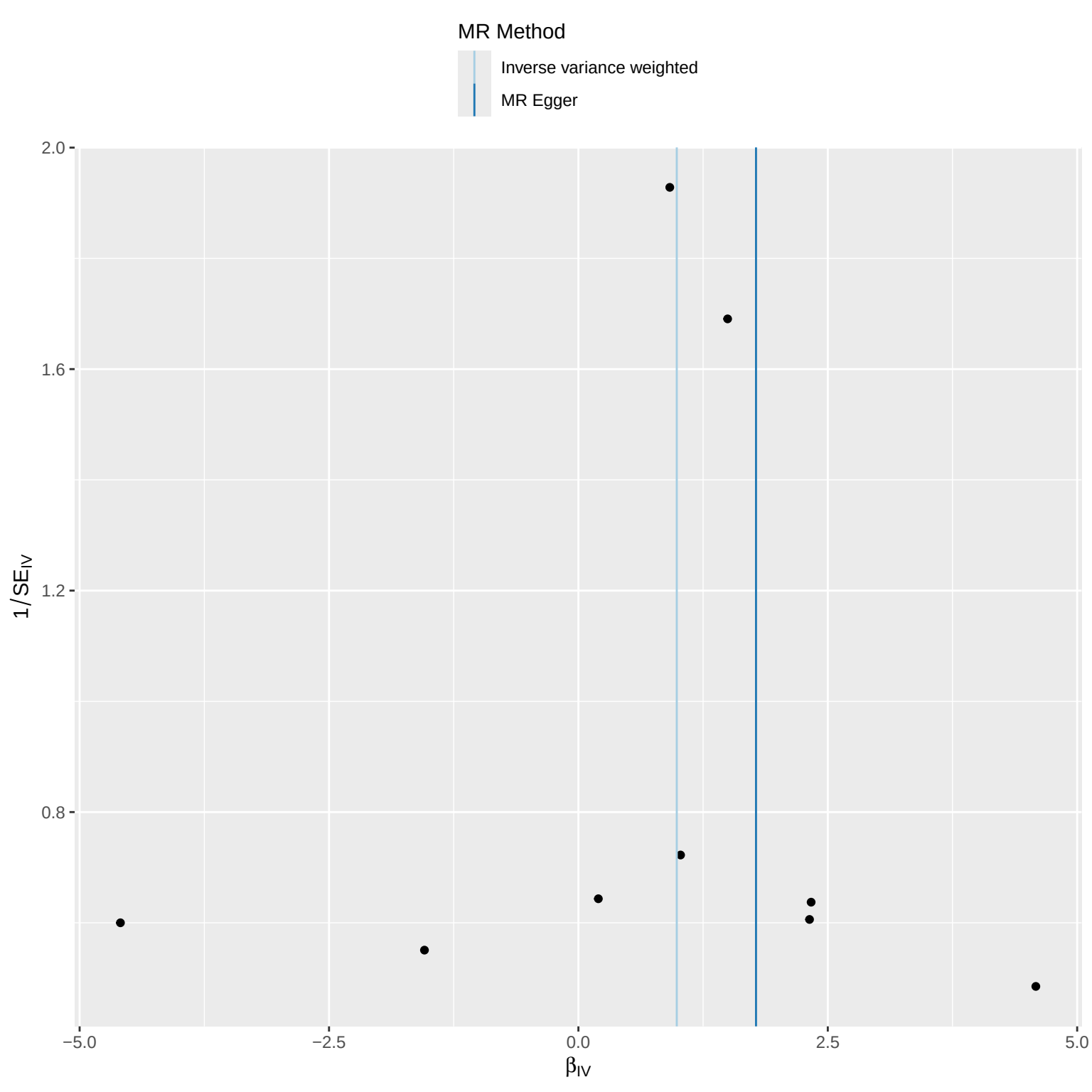

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

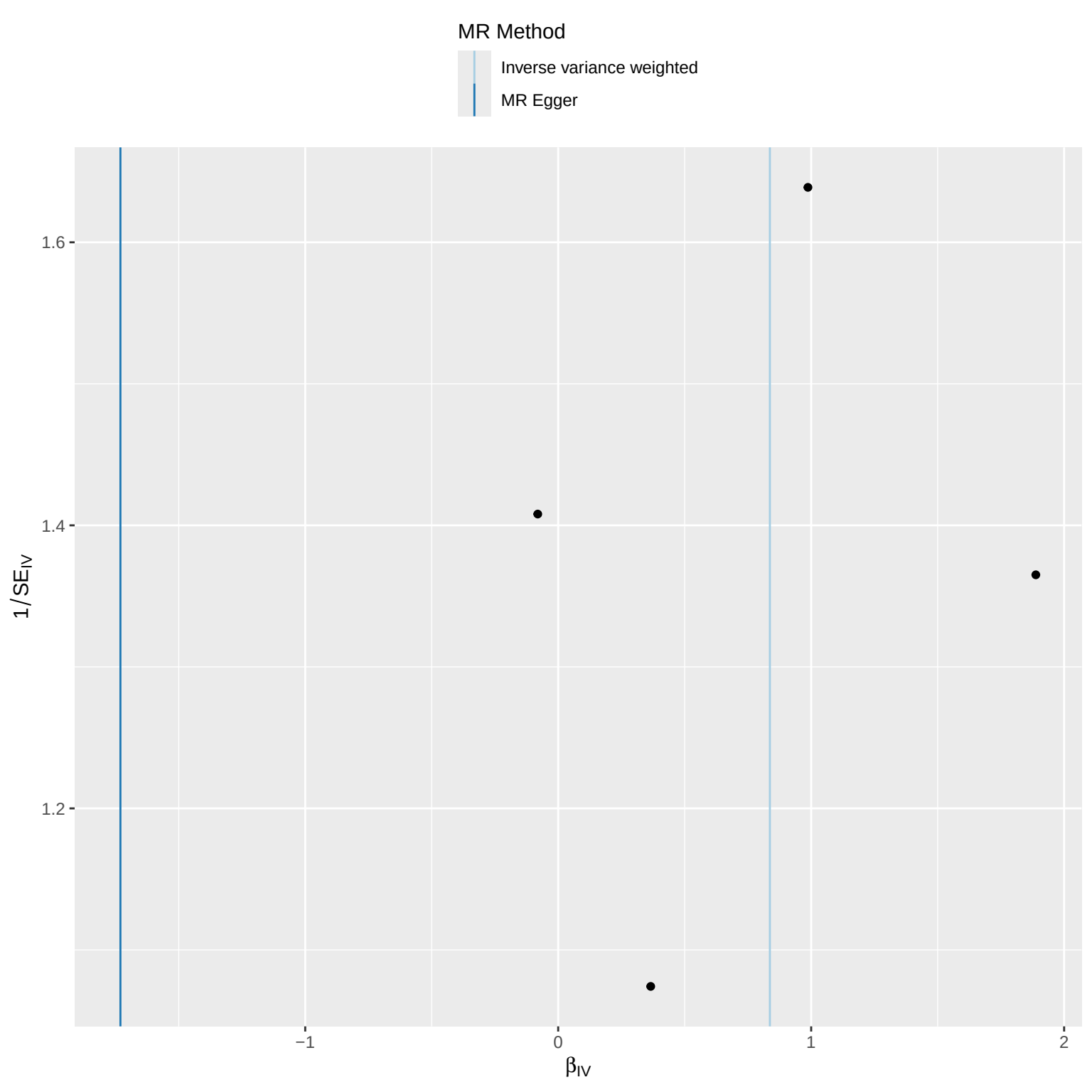

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

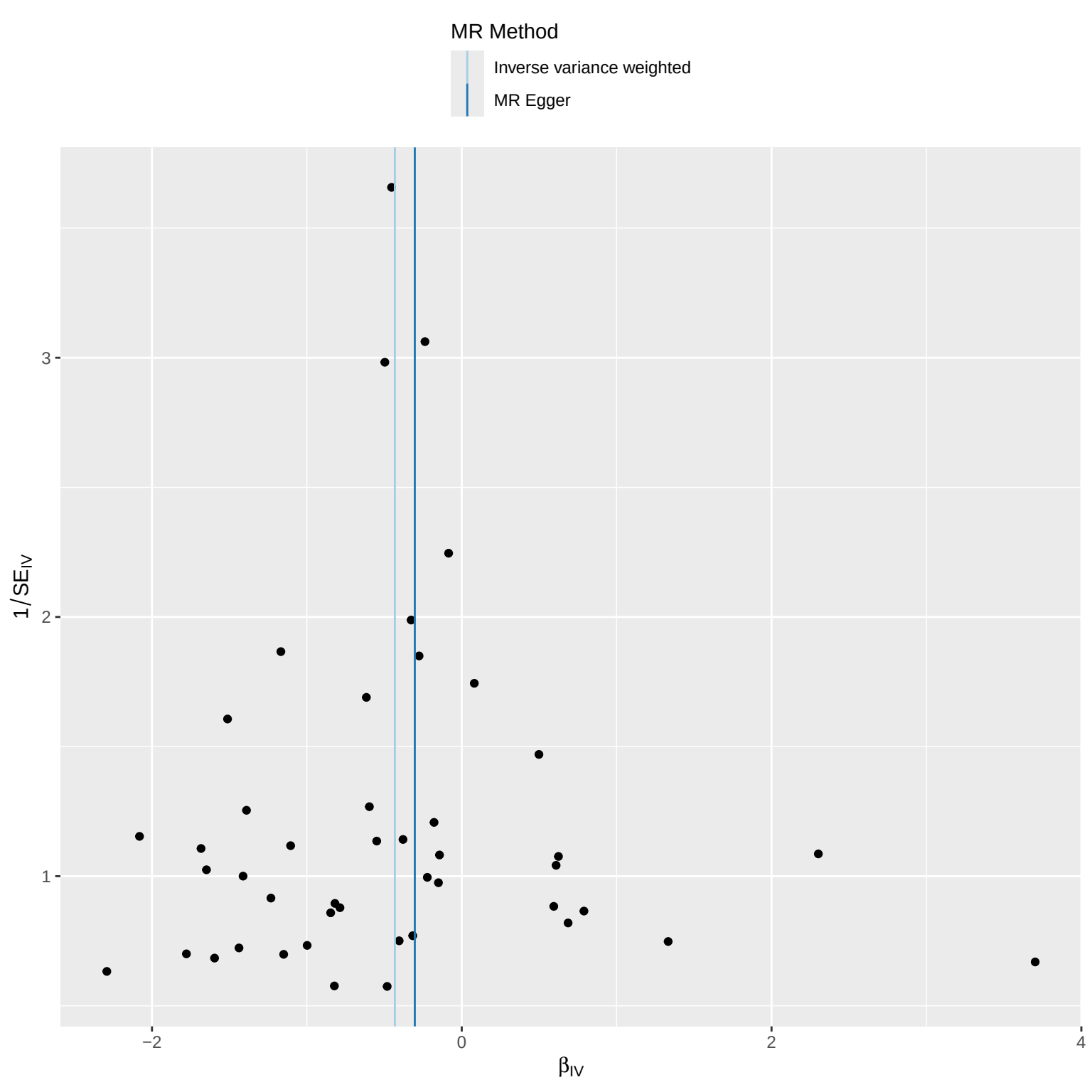

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

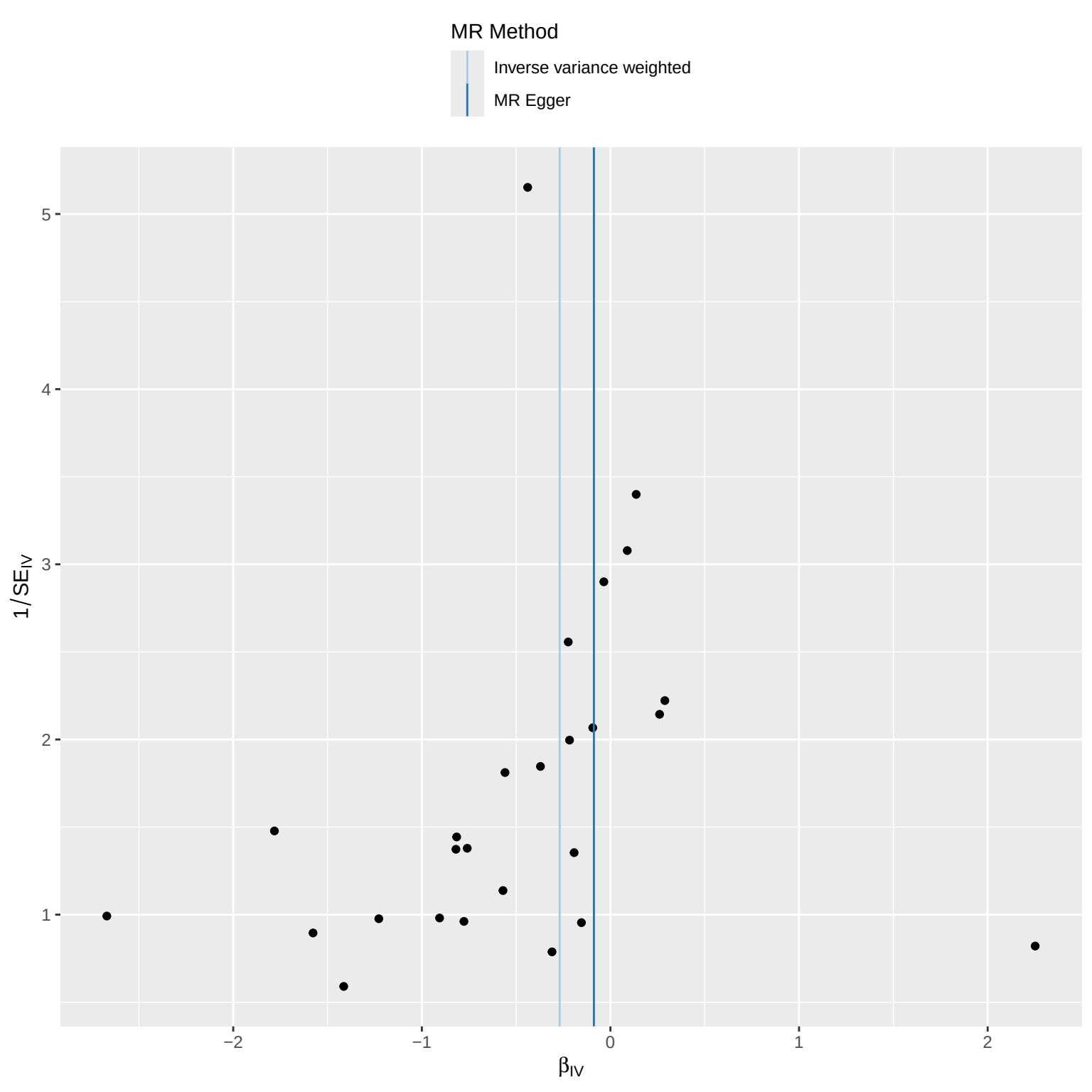

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

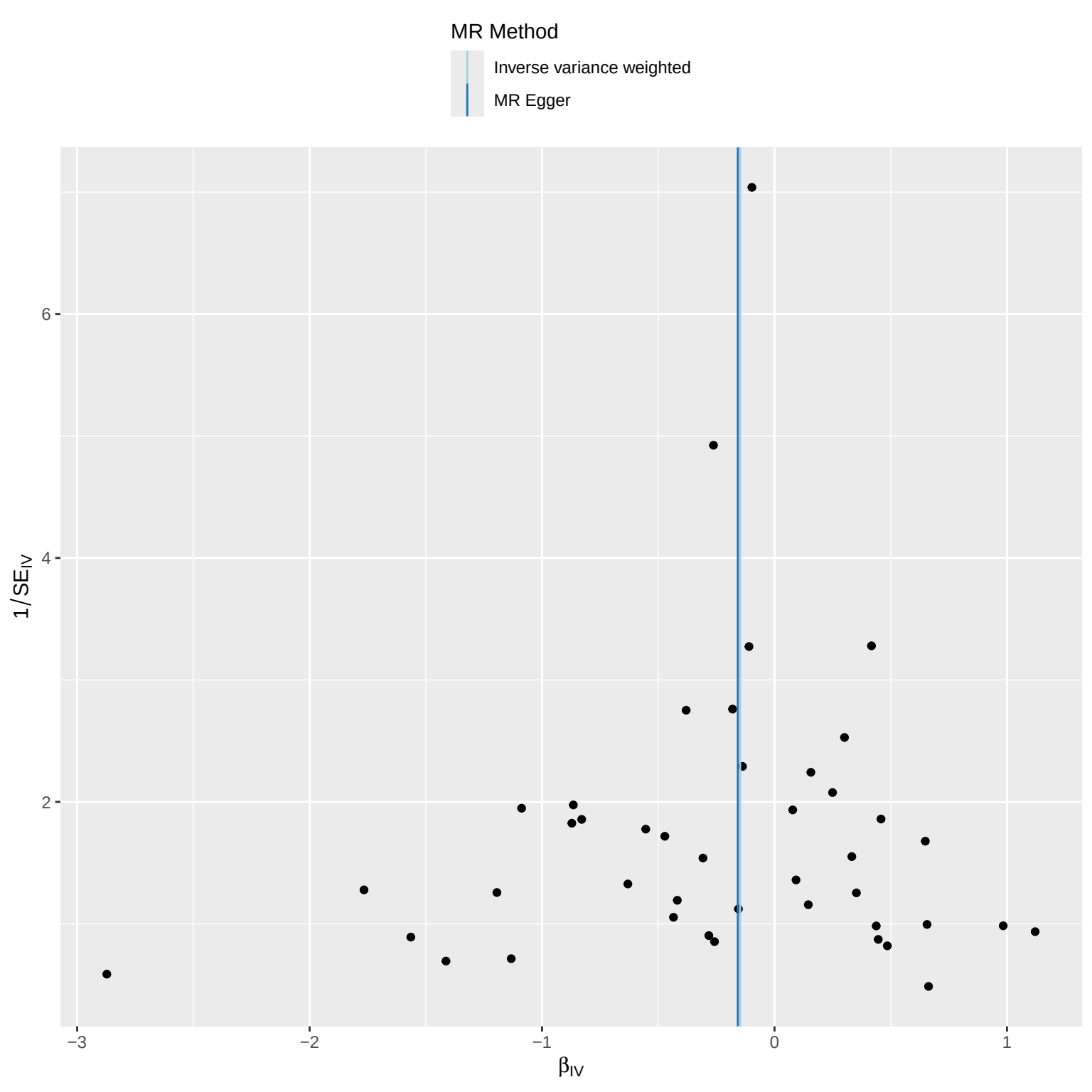

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

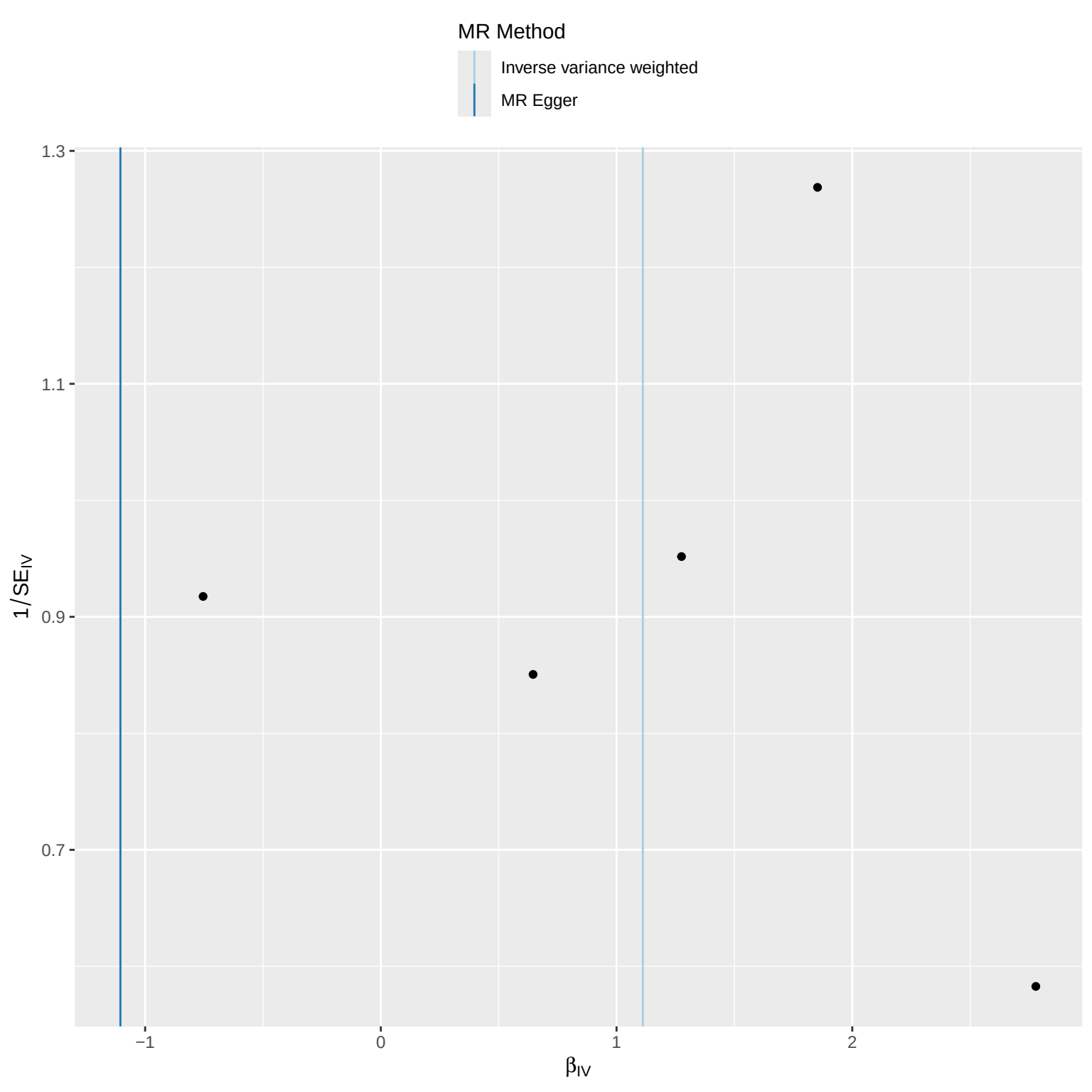

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

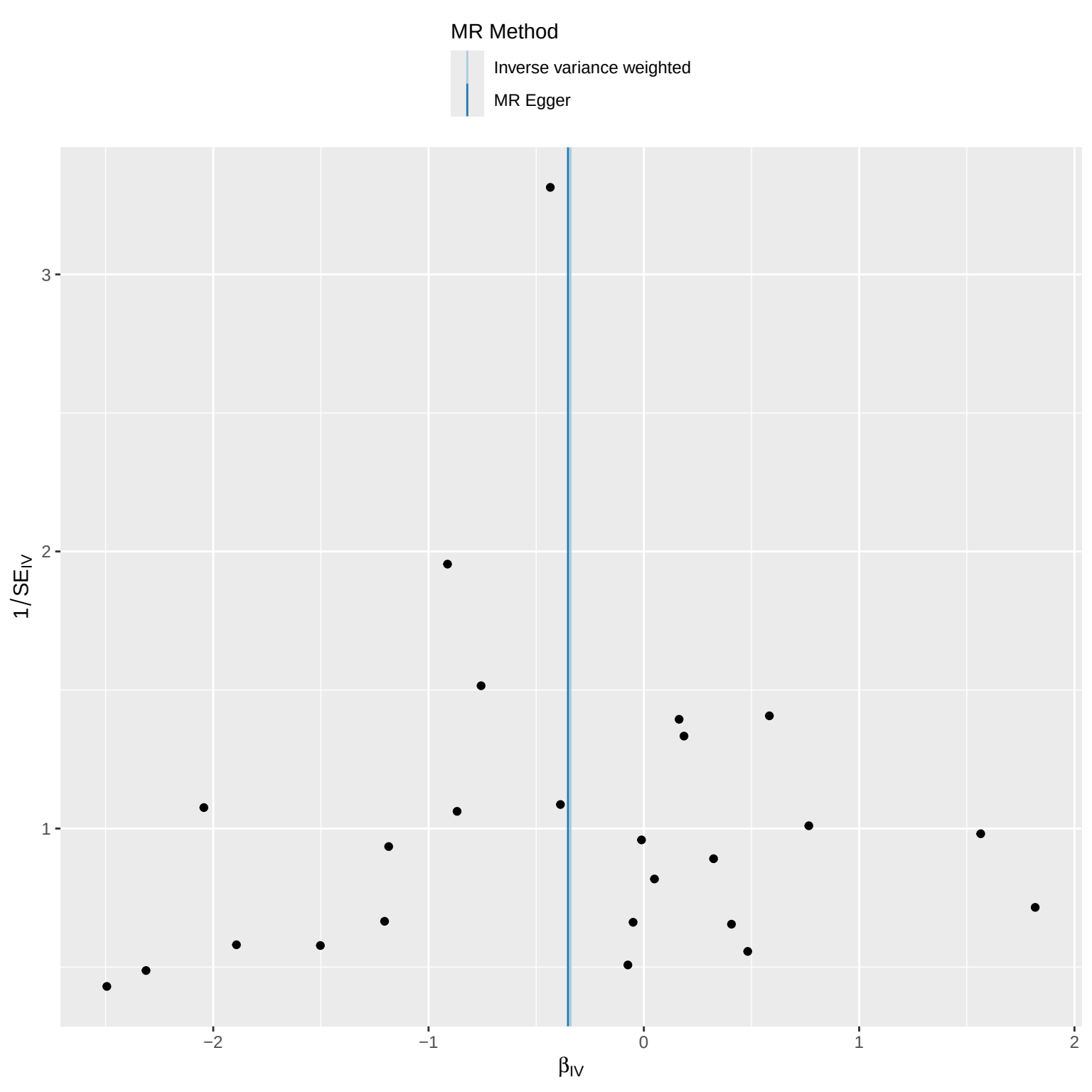

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1/SE_IV
−1
0
1
2
β_IV

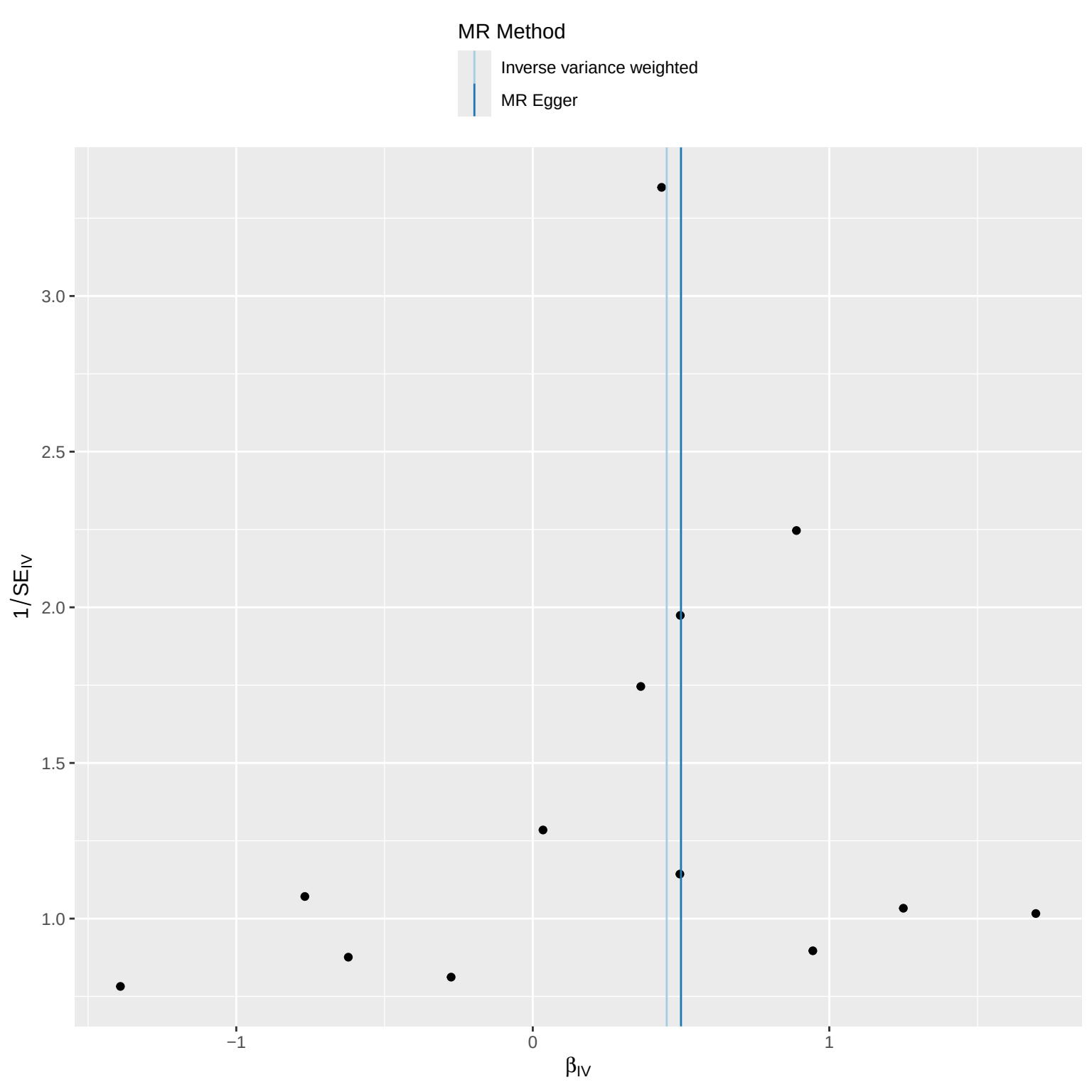

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

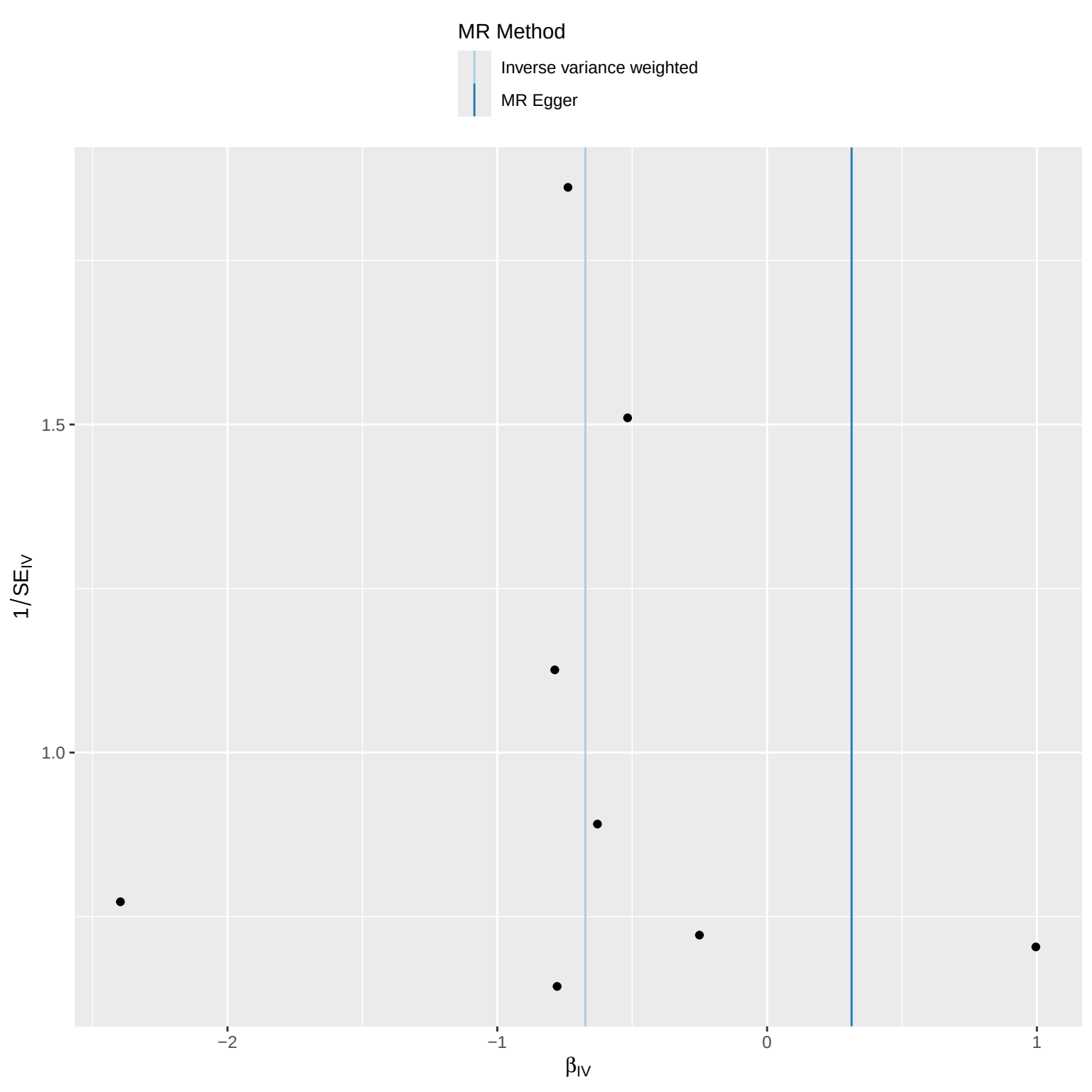

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

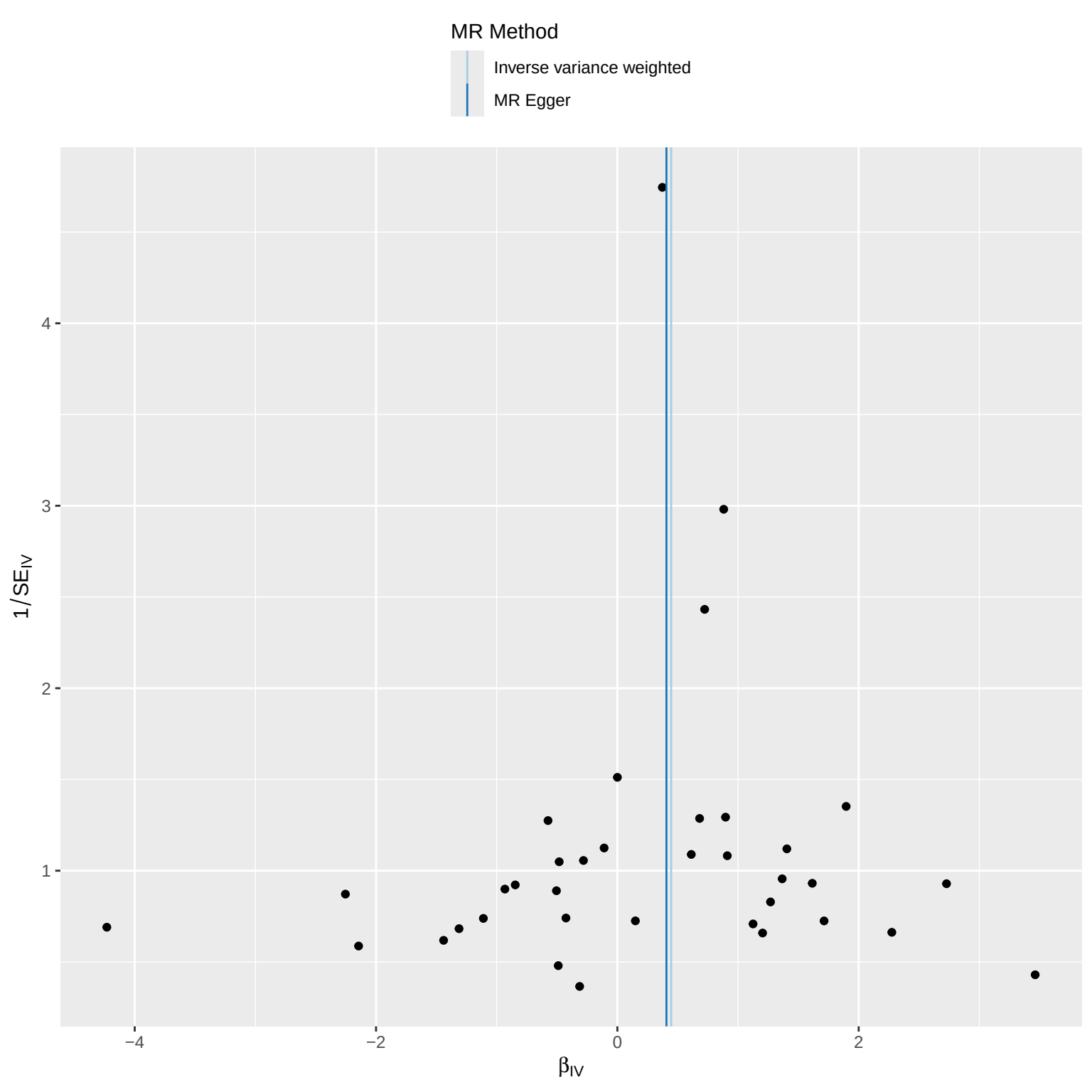

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

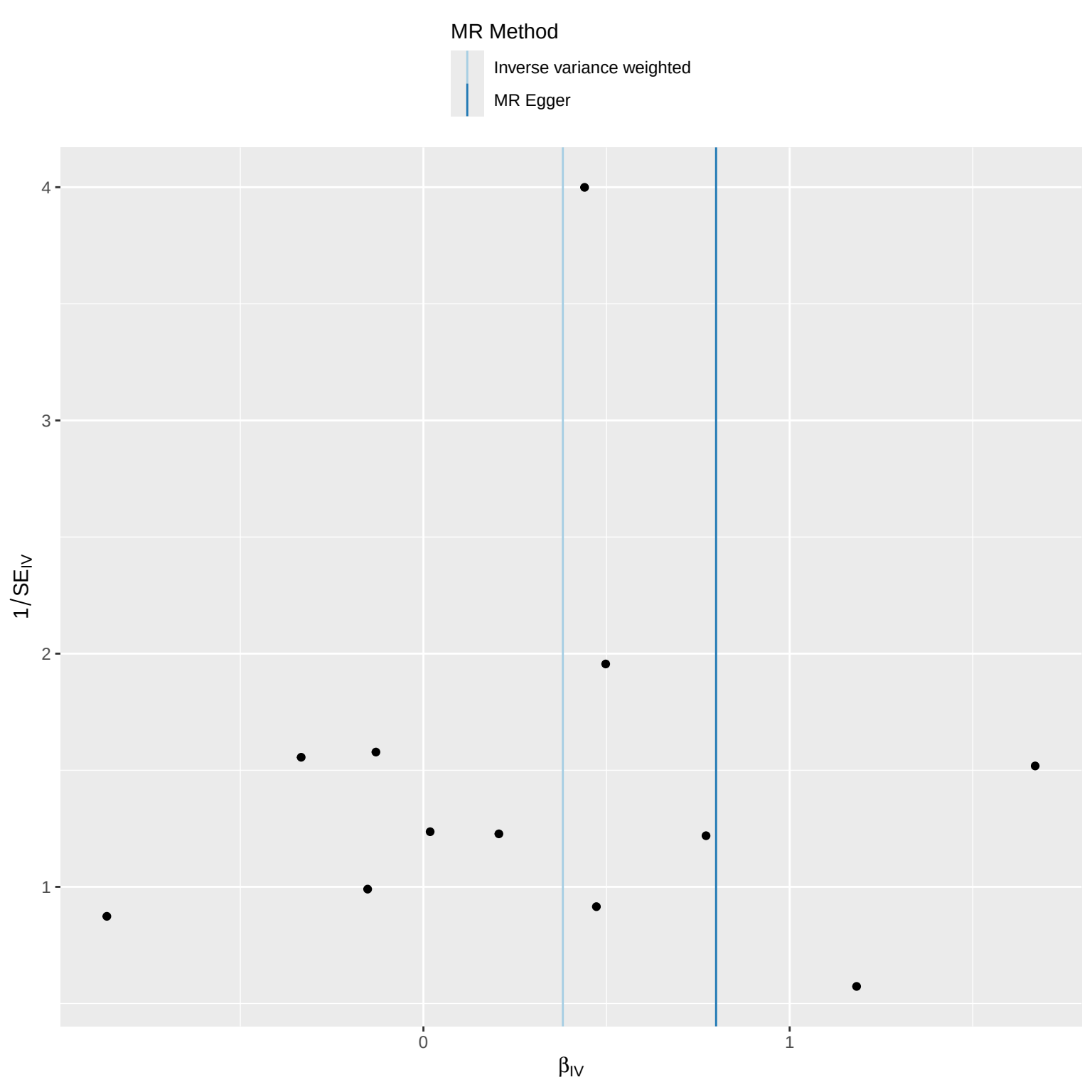

MR Method
Inverse variance weighted
MR Egger
1.3
1.1
0.9
0.7
1/SE_IV
−1
0
1
2
β_IV

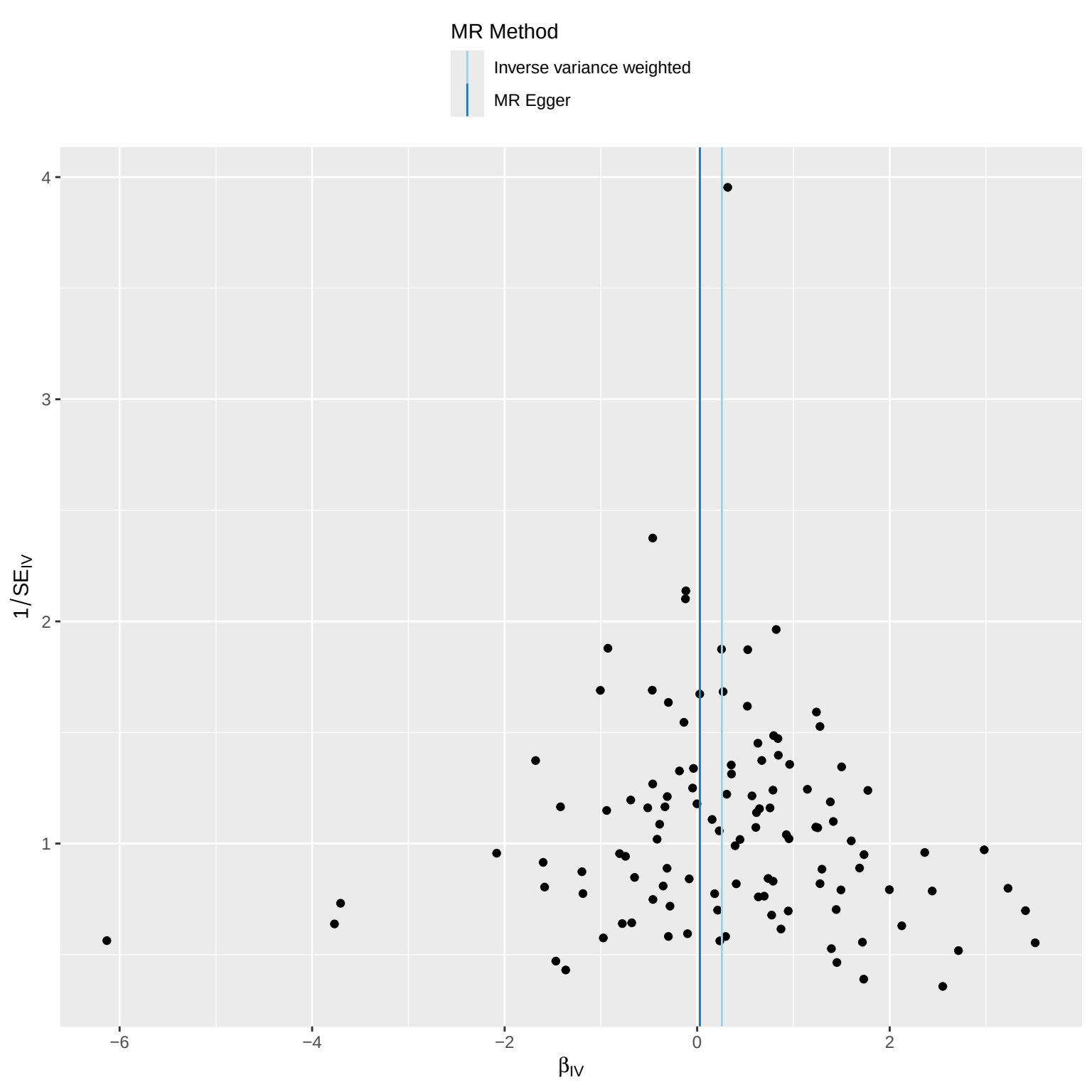

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

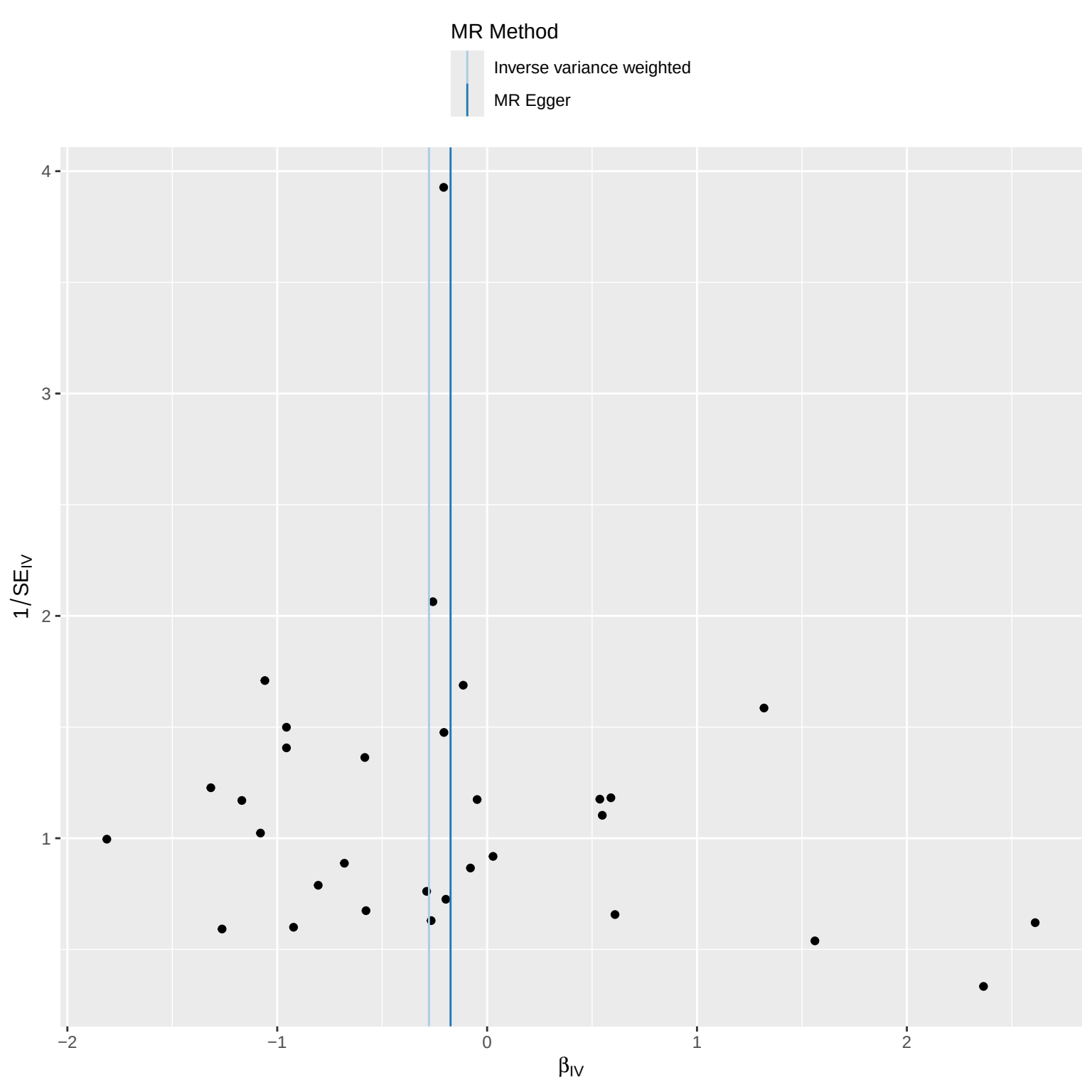

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

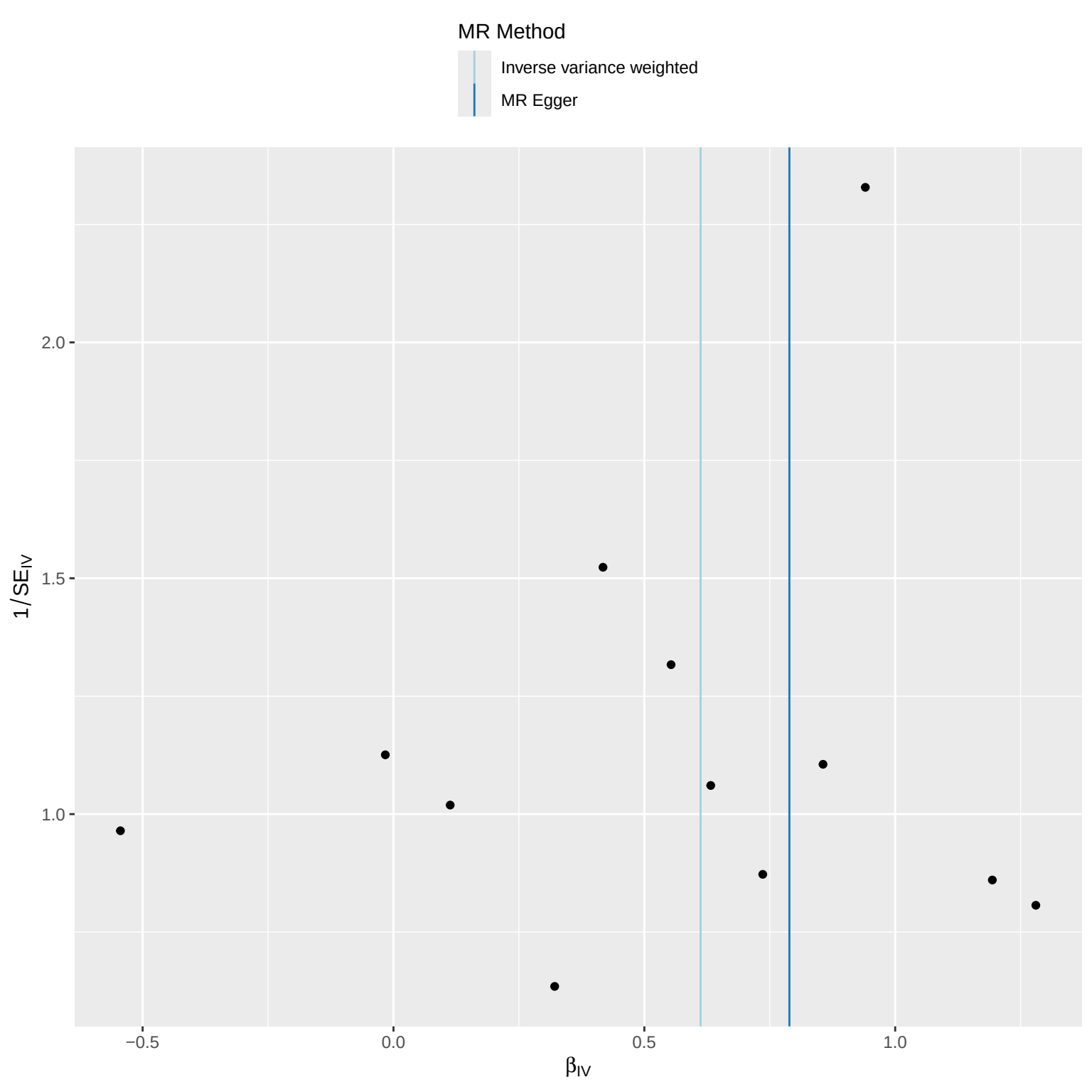

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

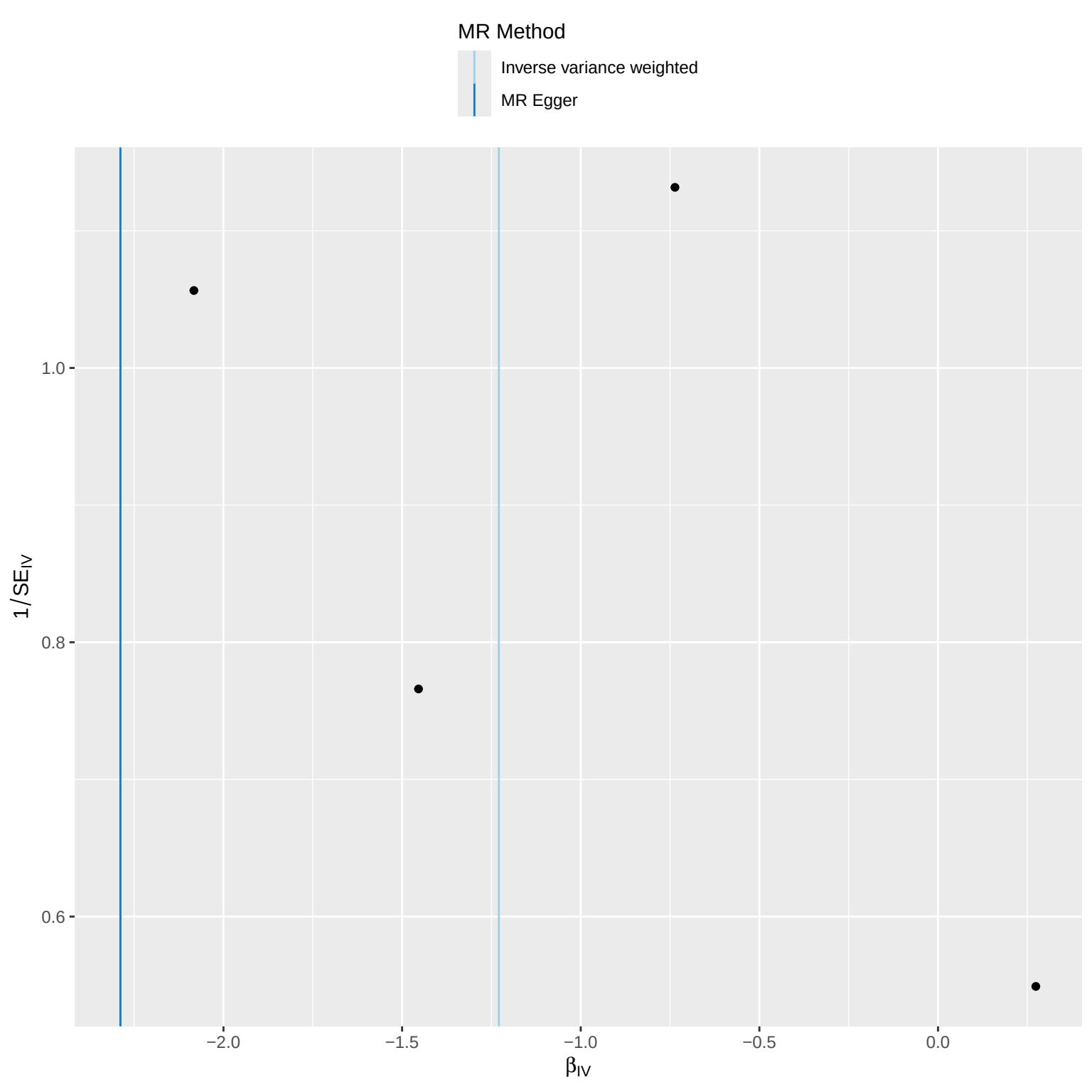

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

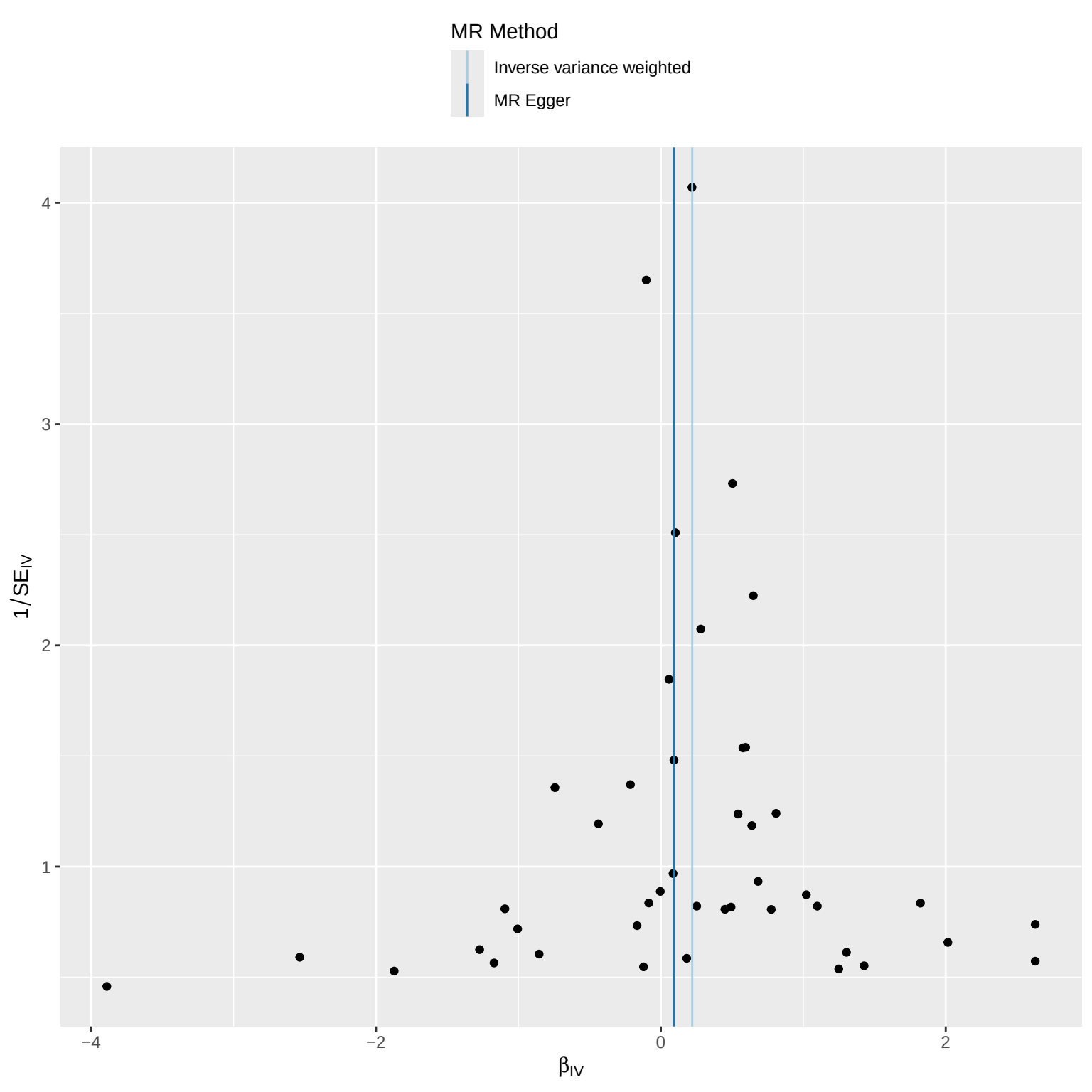

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
1/SE_IV
β_IV

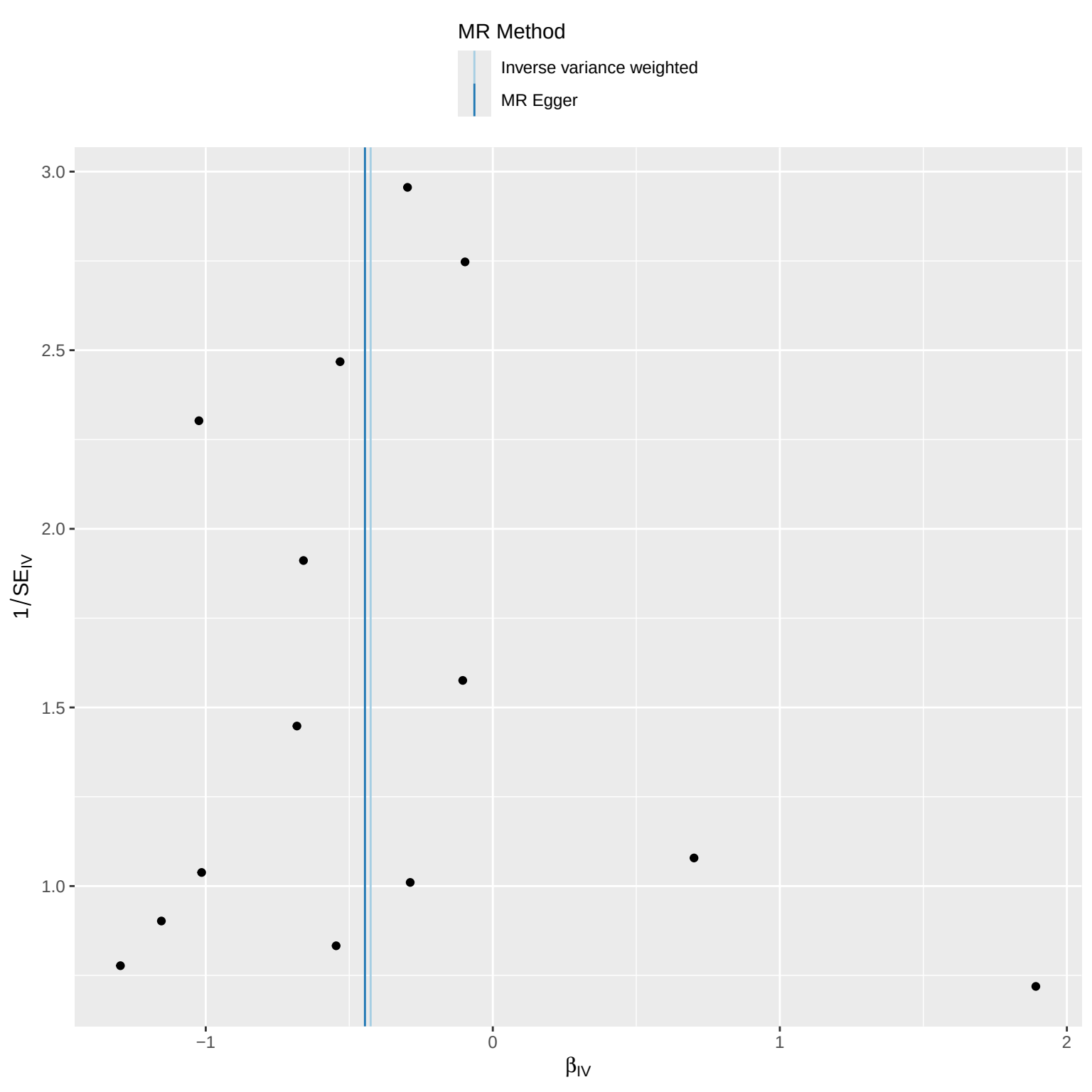

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

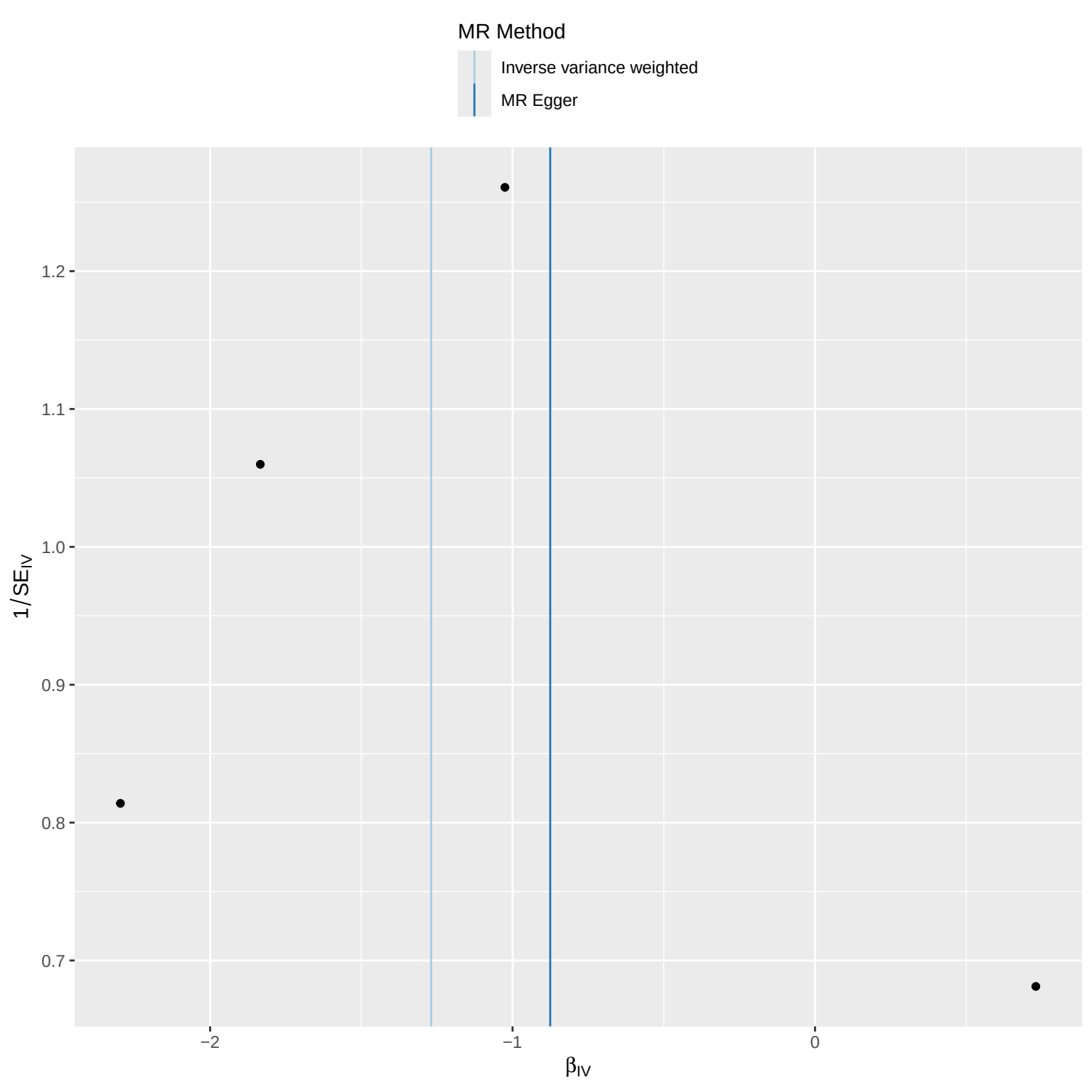

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

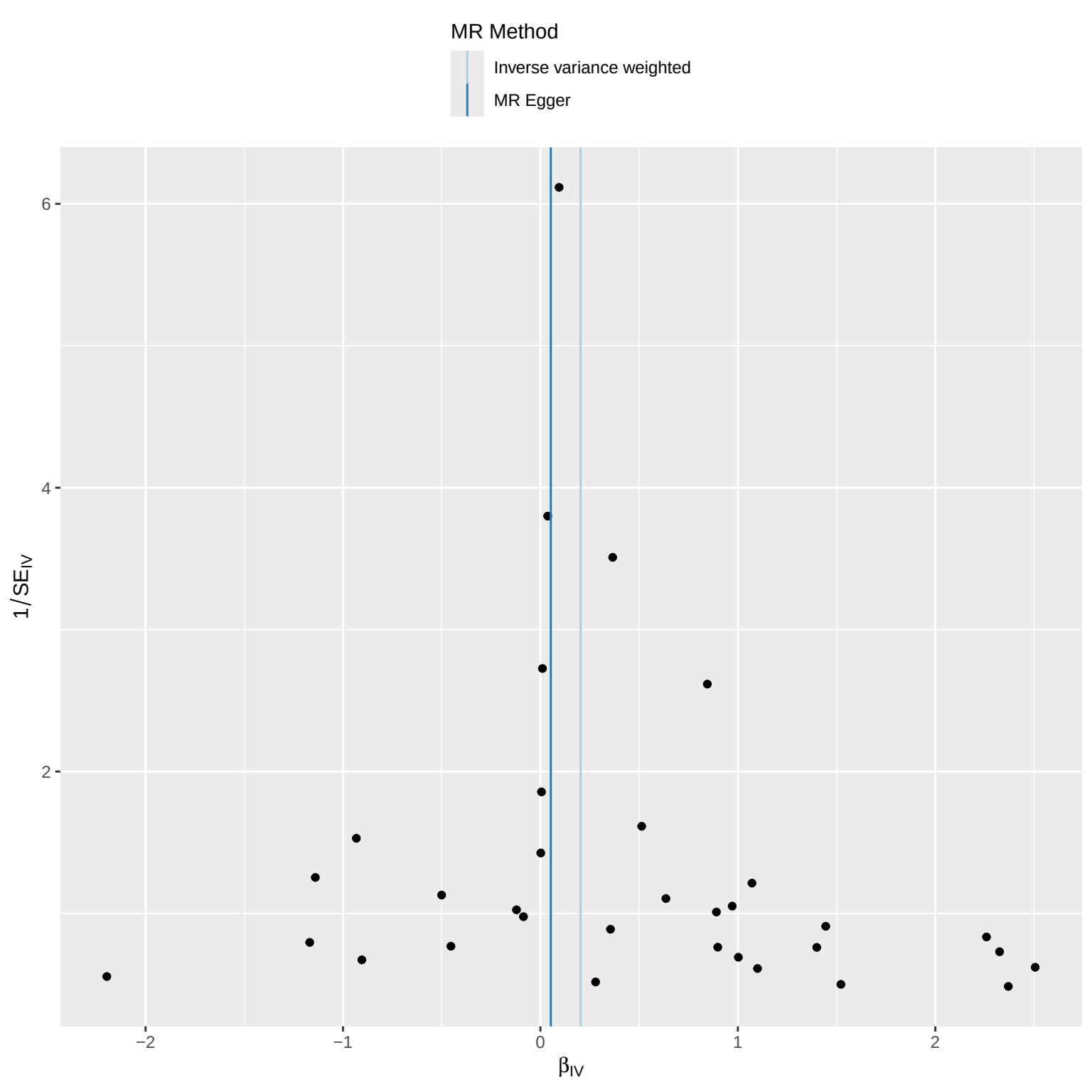

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

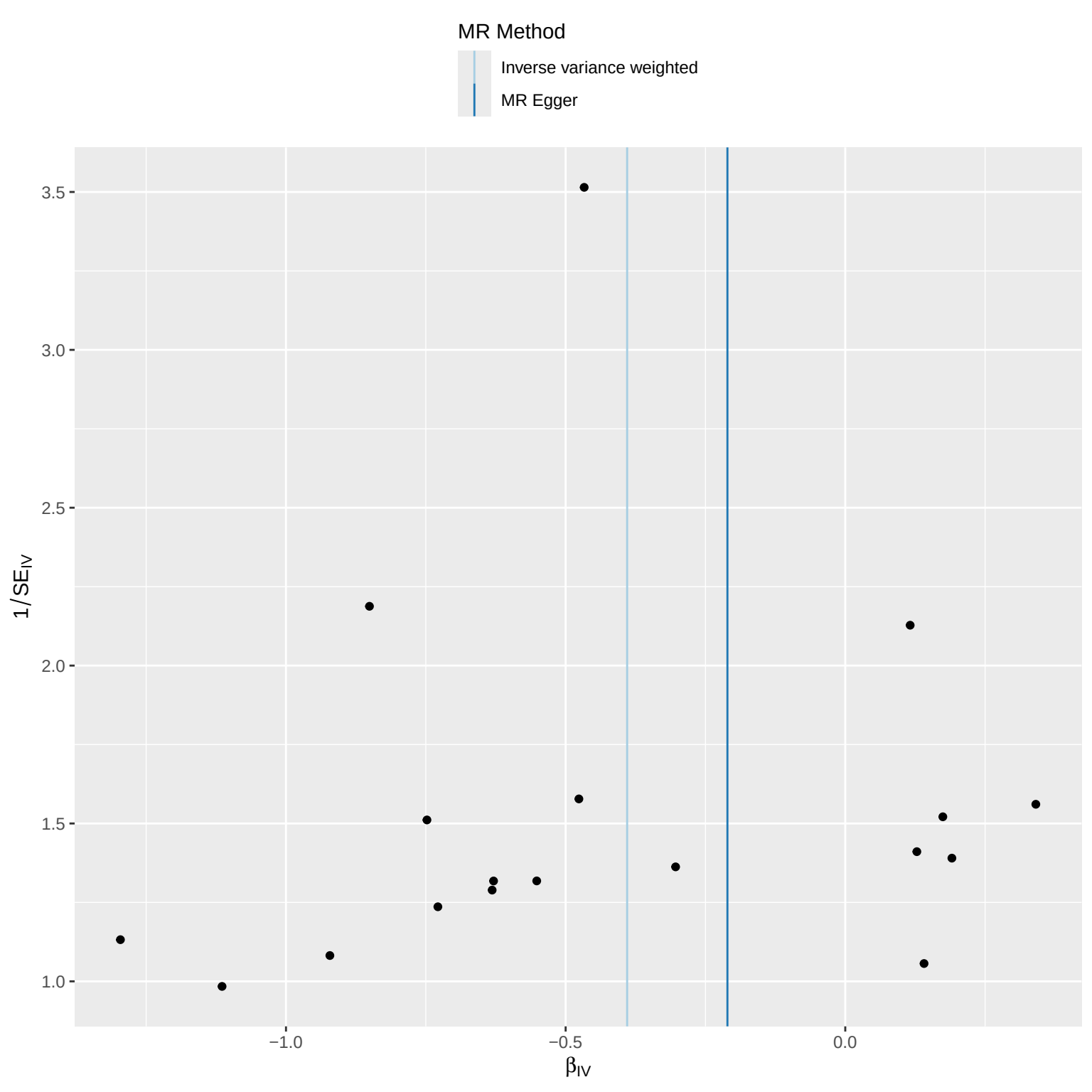

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

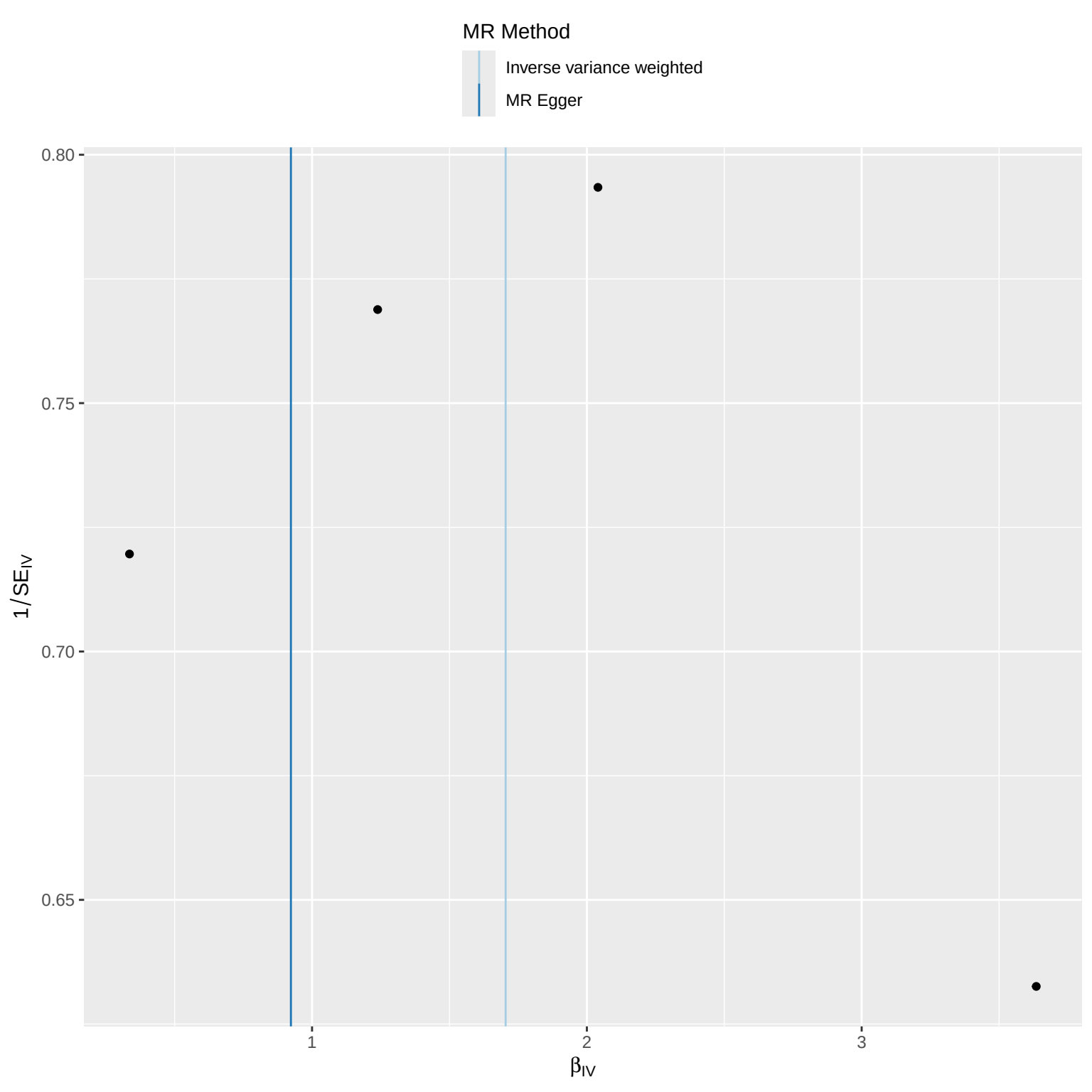

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

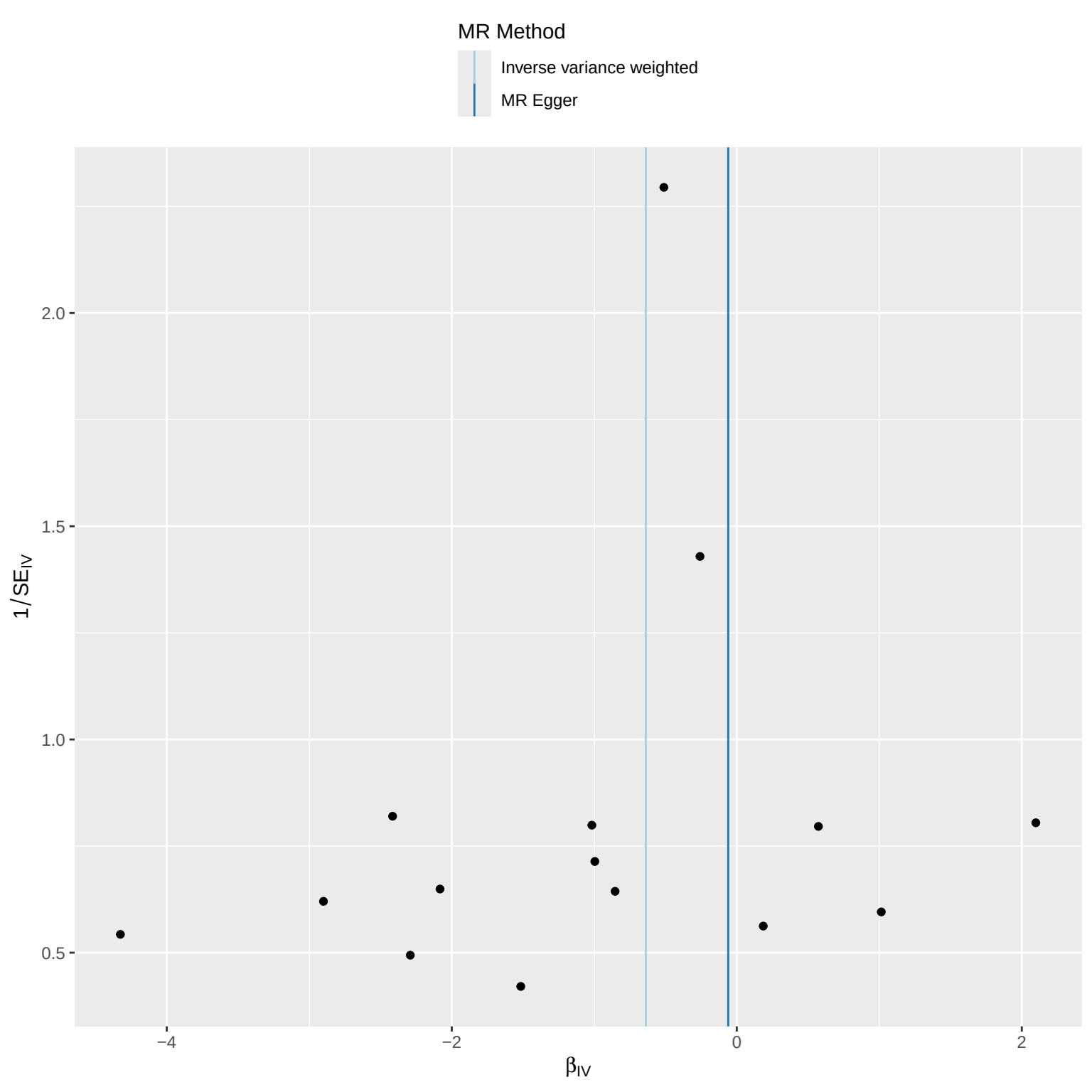

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

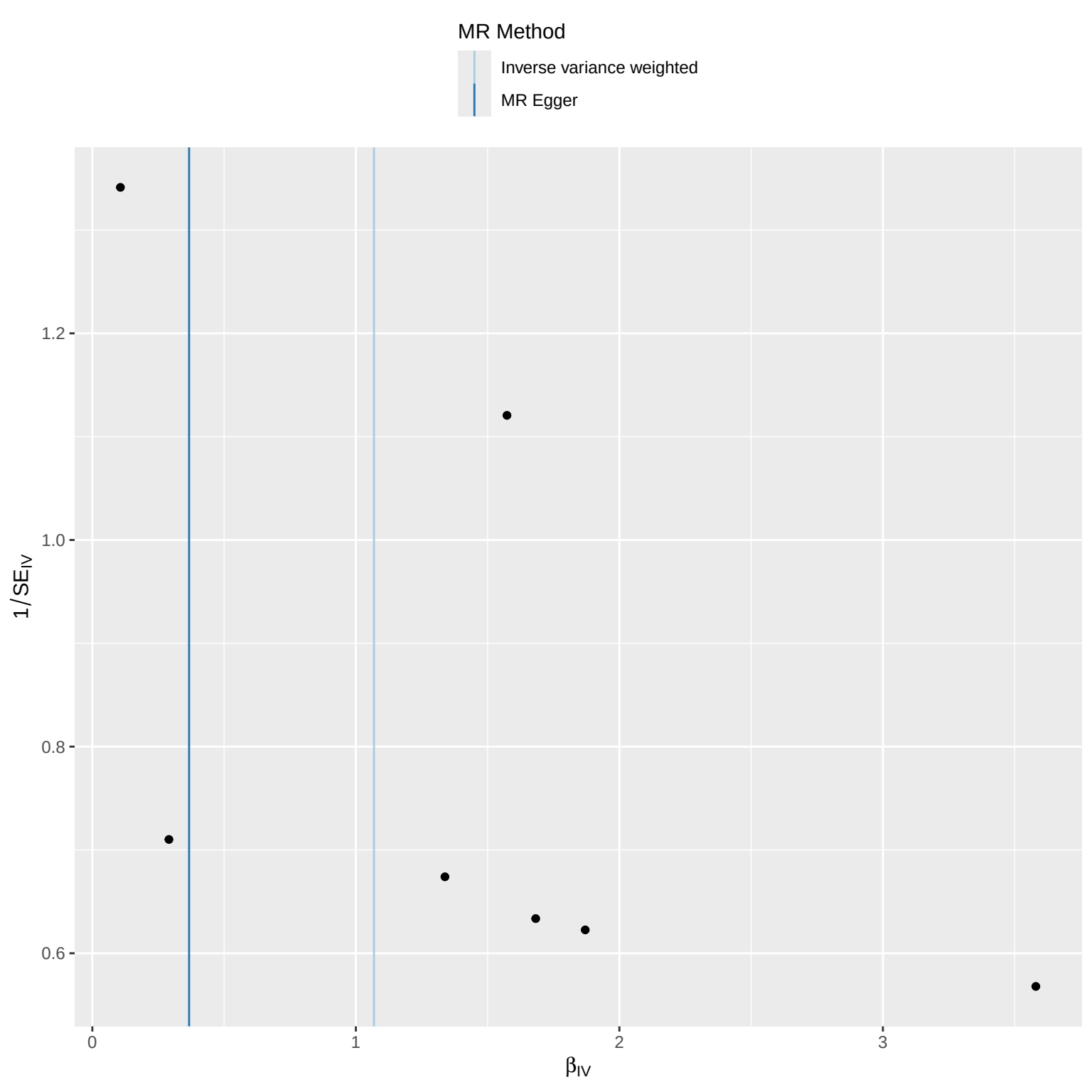

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
0.9
0.8
0.7
1/SE_IV
−2
−1
0
β_IV

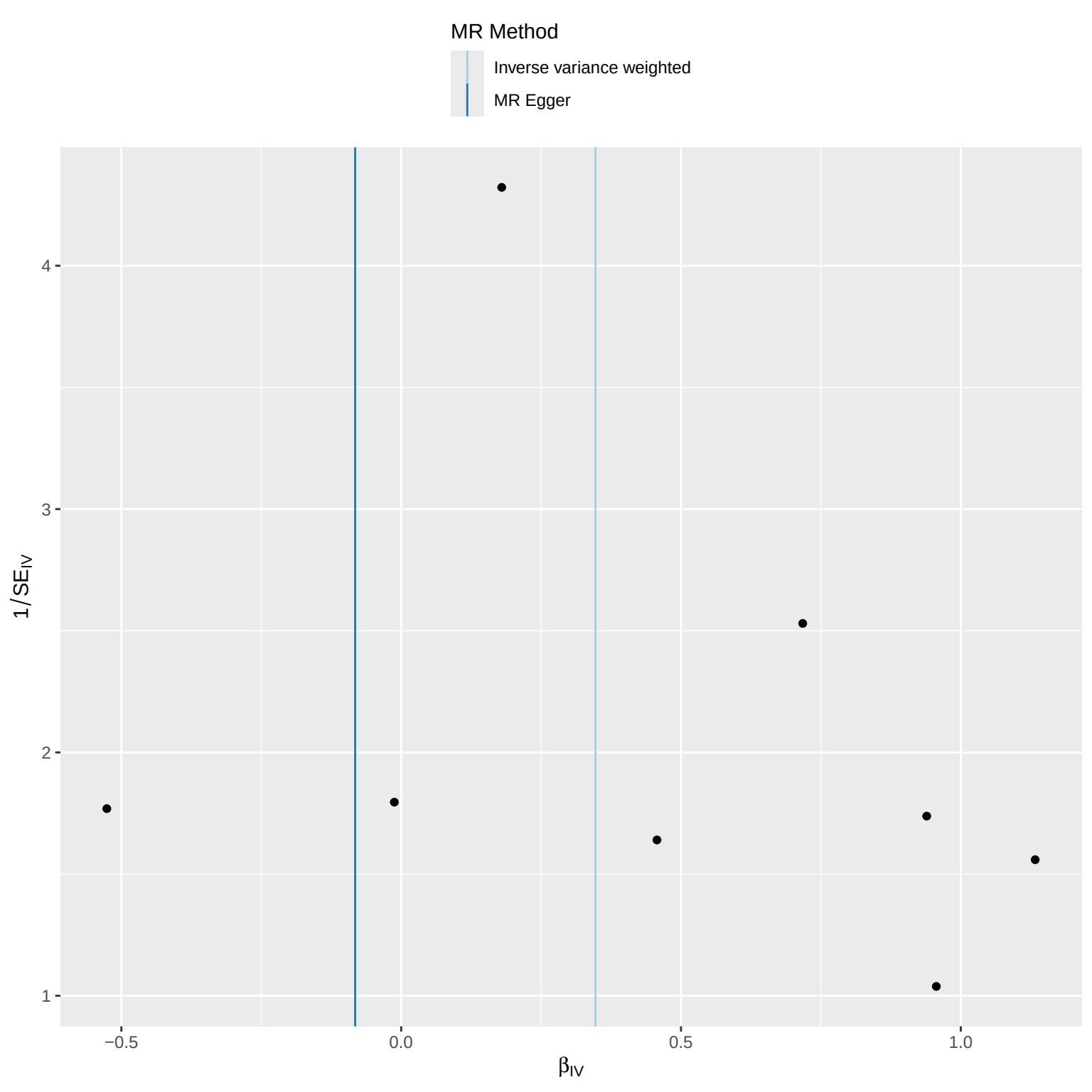

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

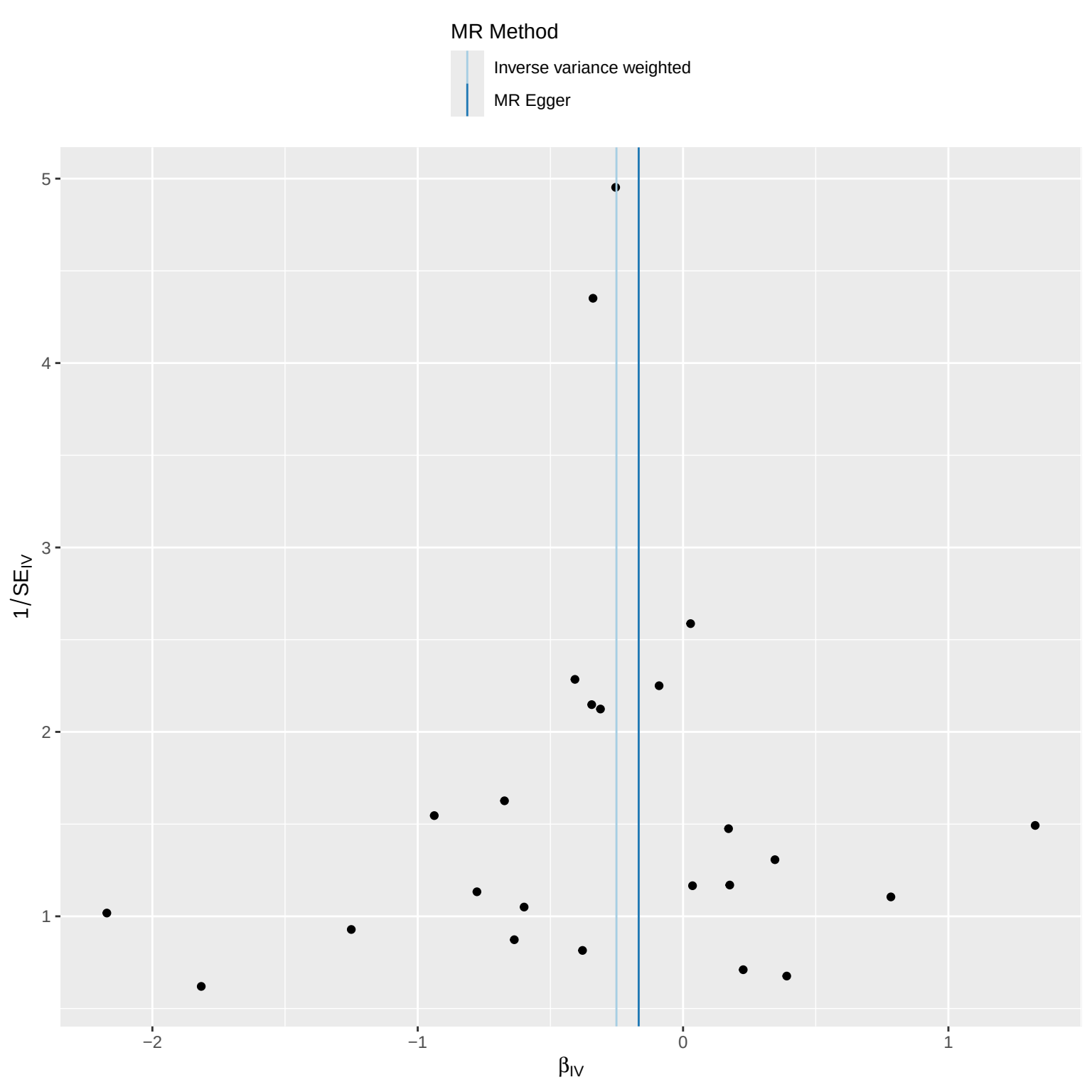

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

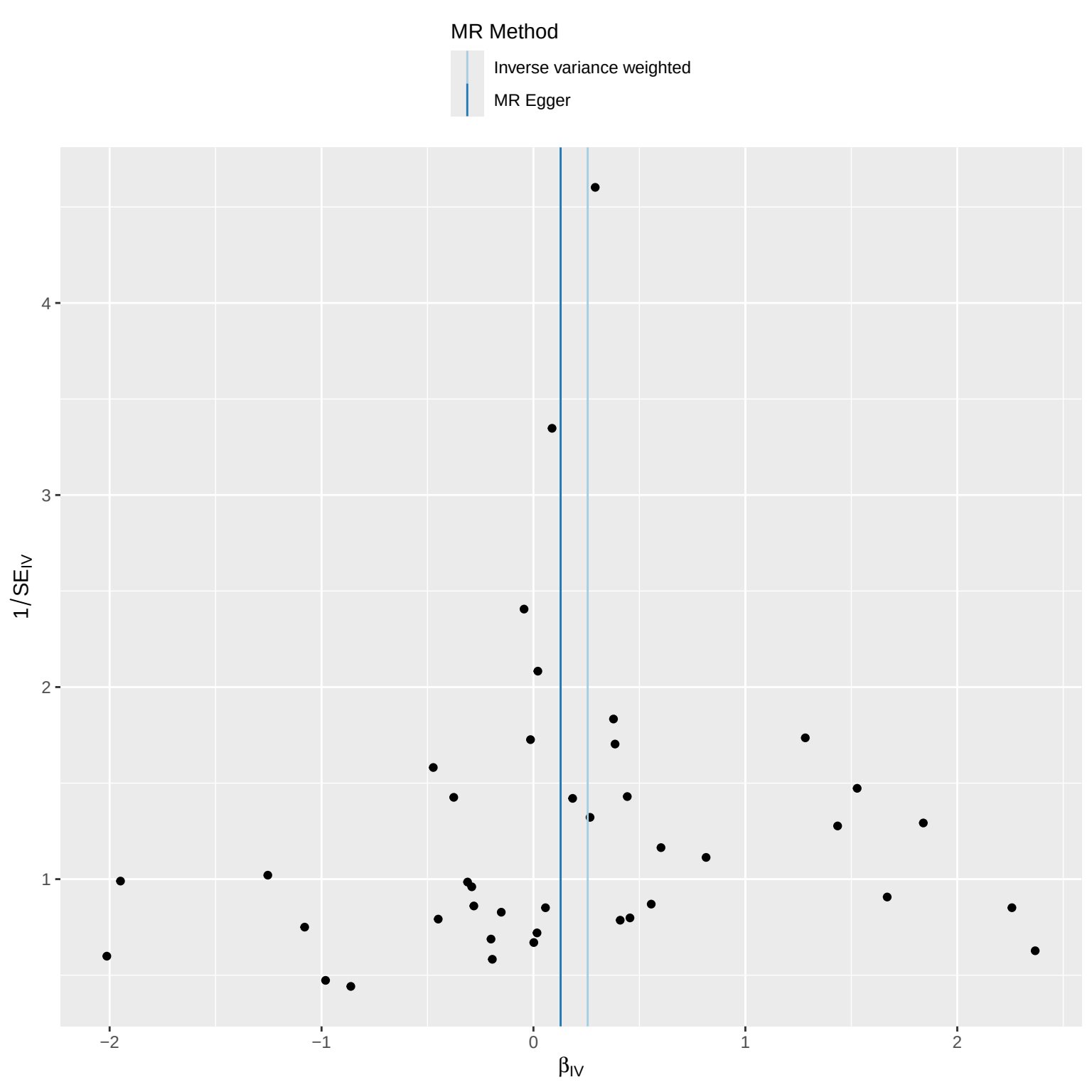

MR Method
Inverse variance weighted
MR Egger
0.80
0.75
0.70
0.65
1/SE_IV
1
2
3
β_IV

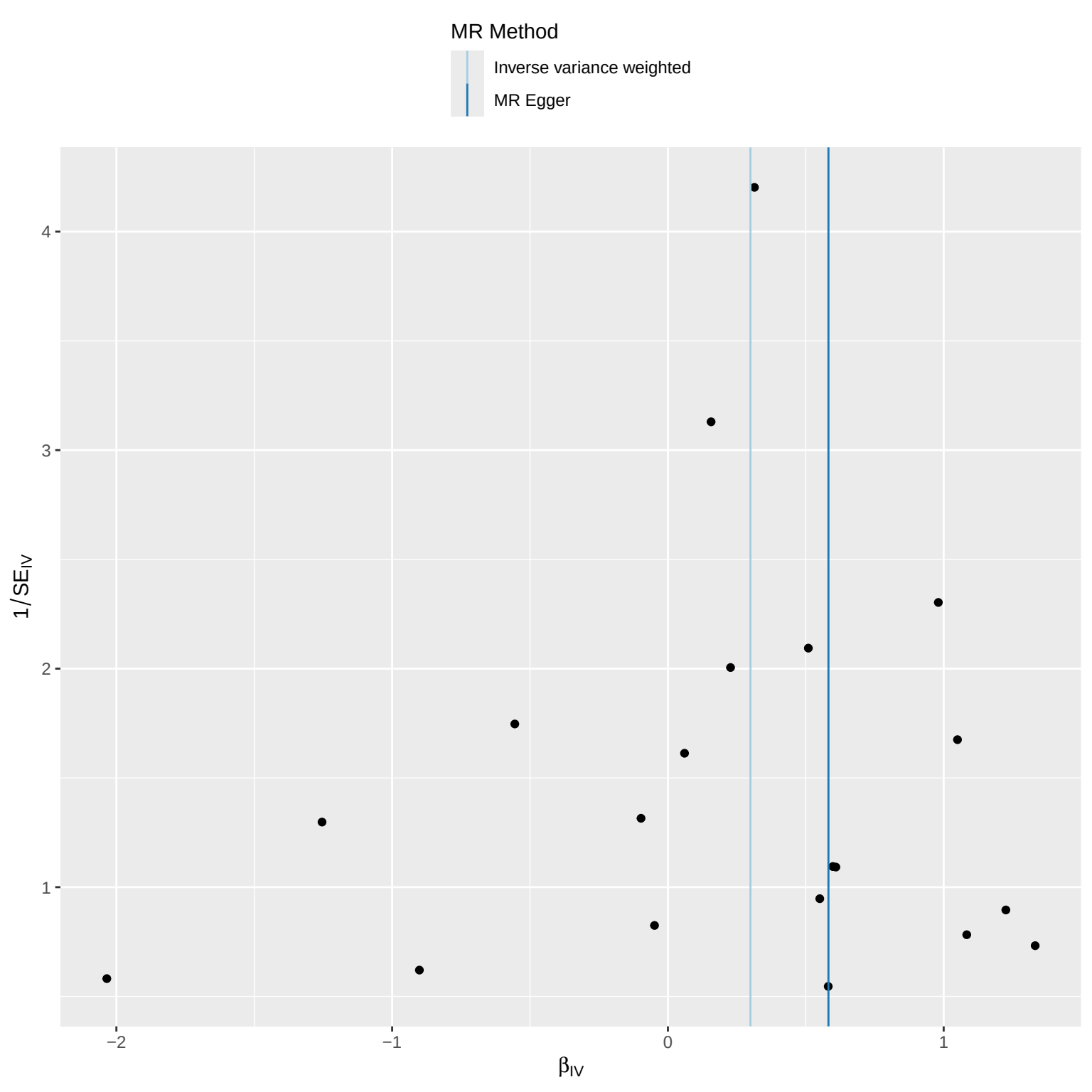

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

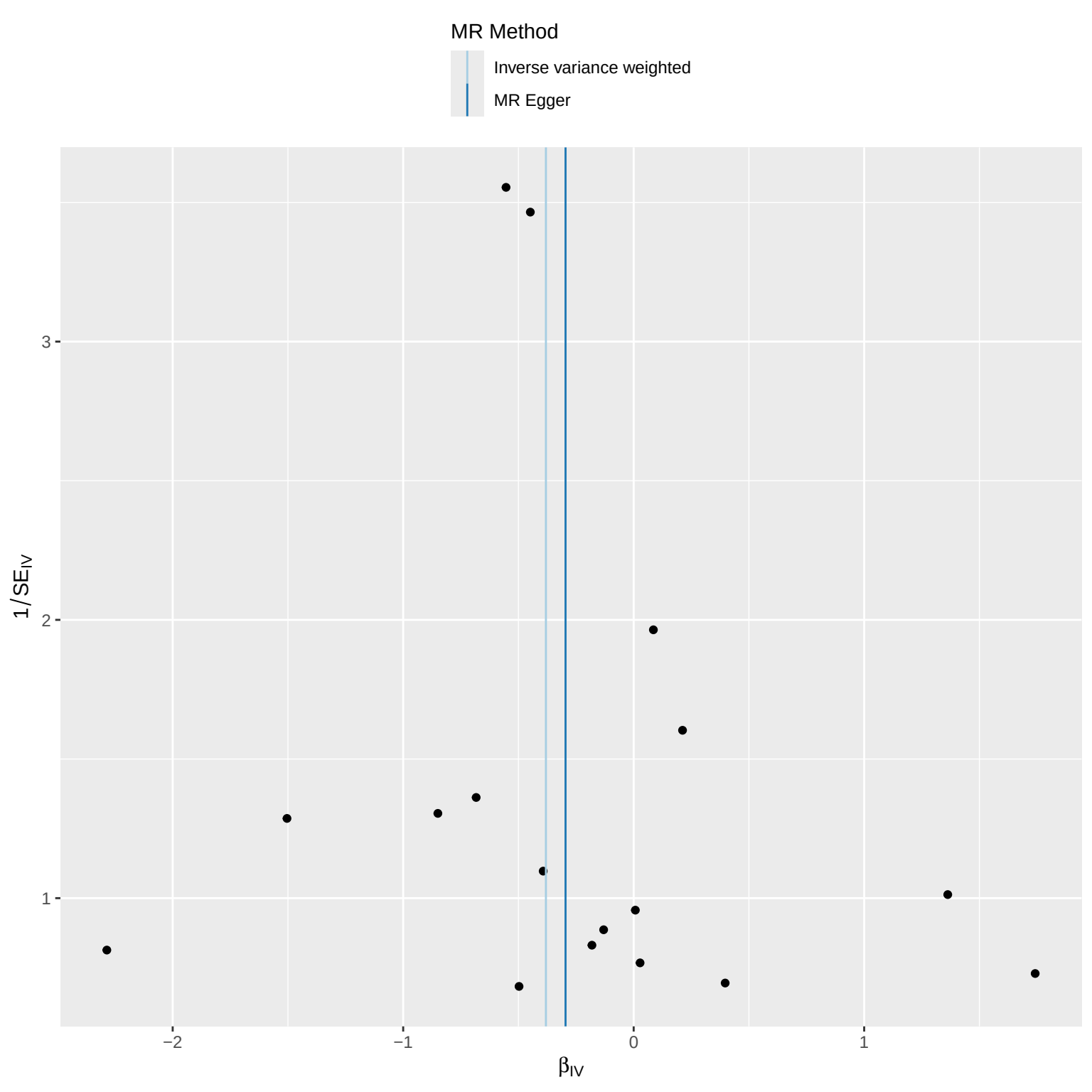

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

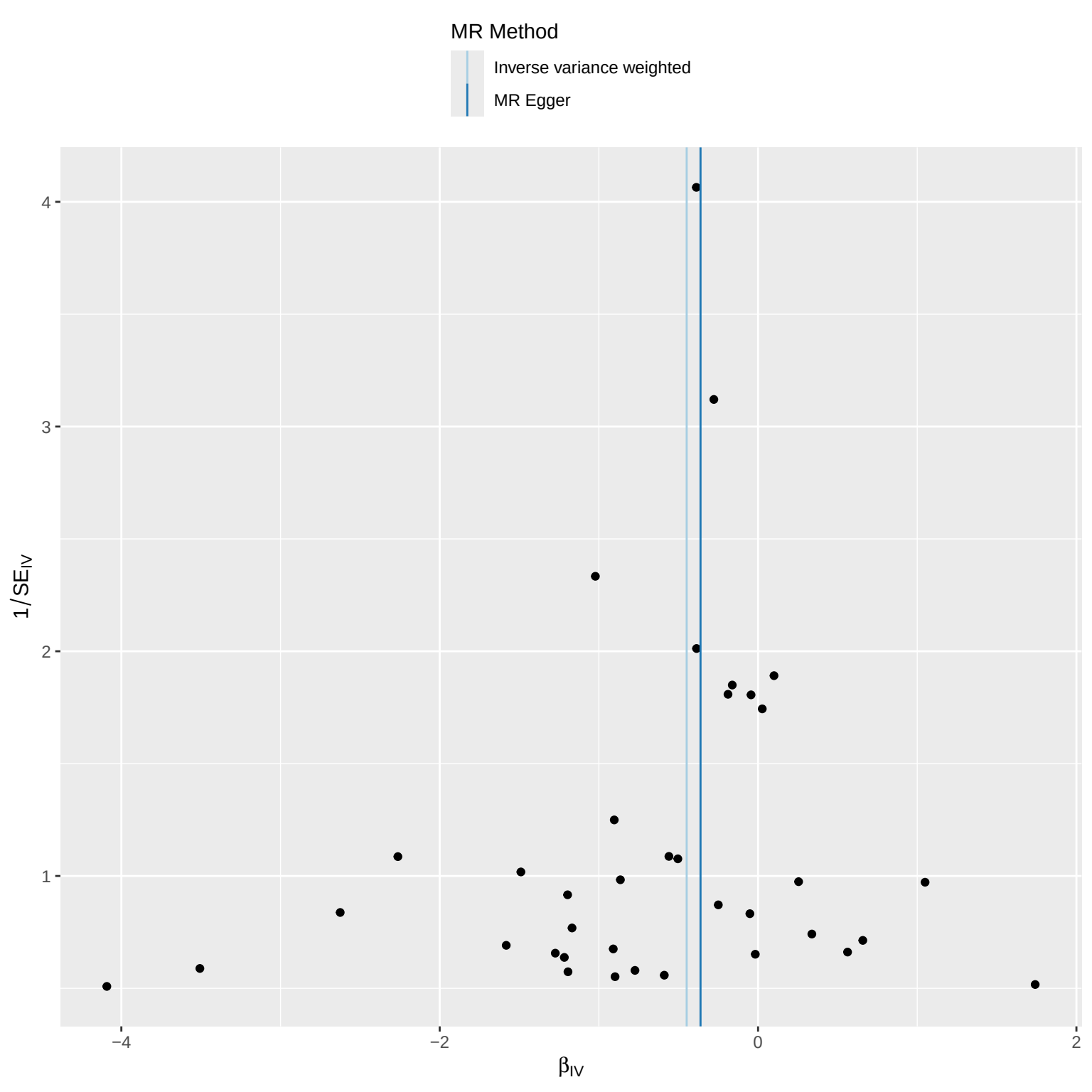

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−0.5
0.0
0.5
1.0
β_{IV}

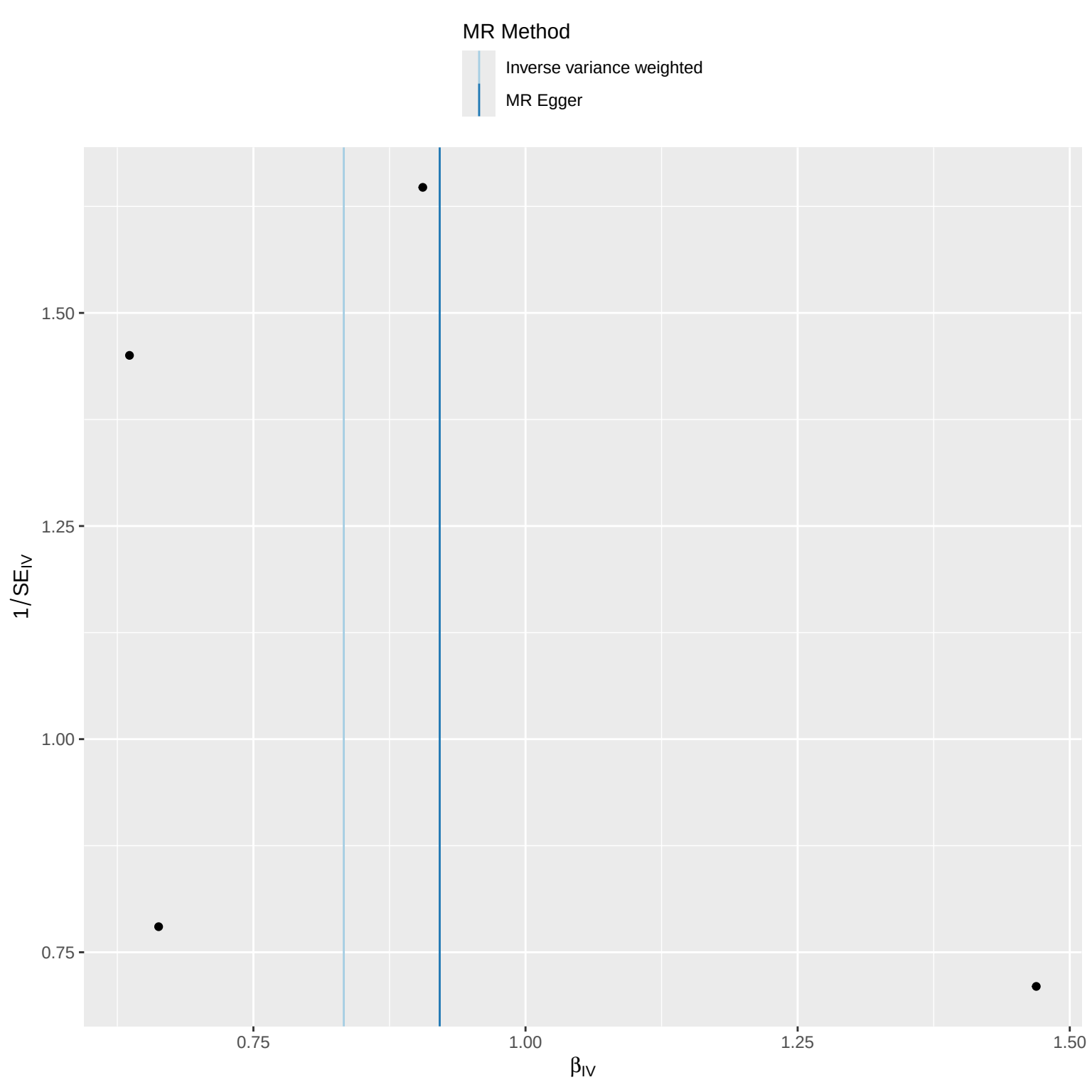

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

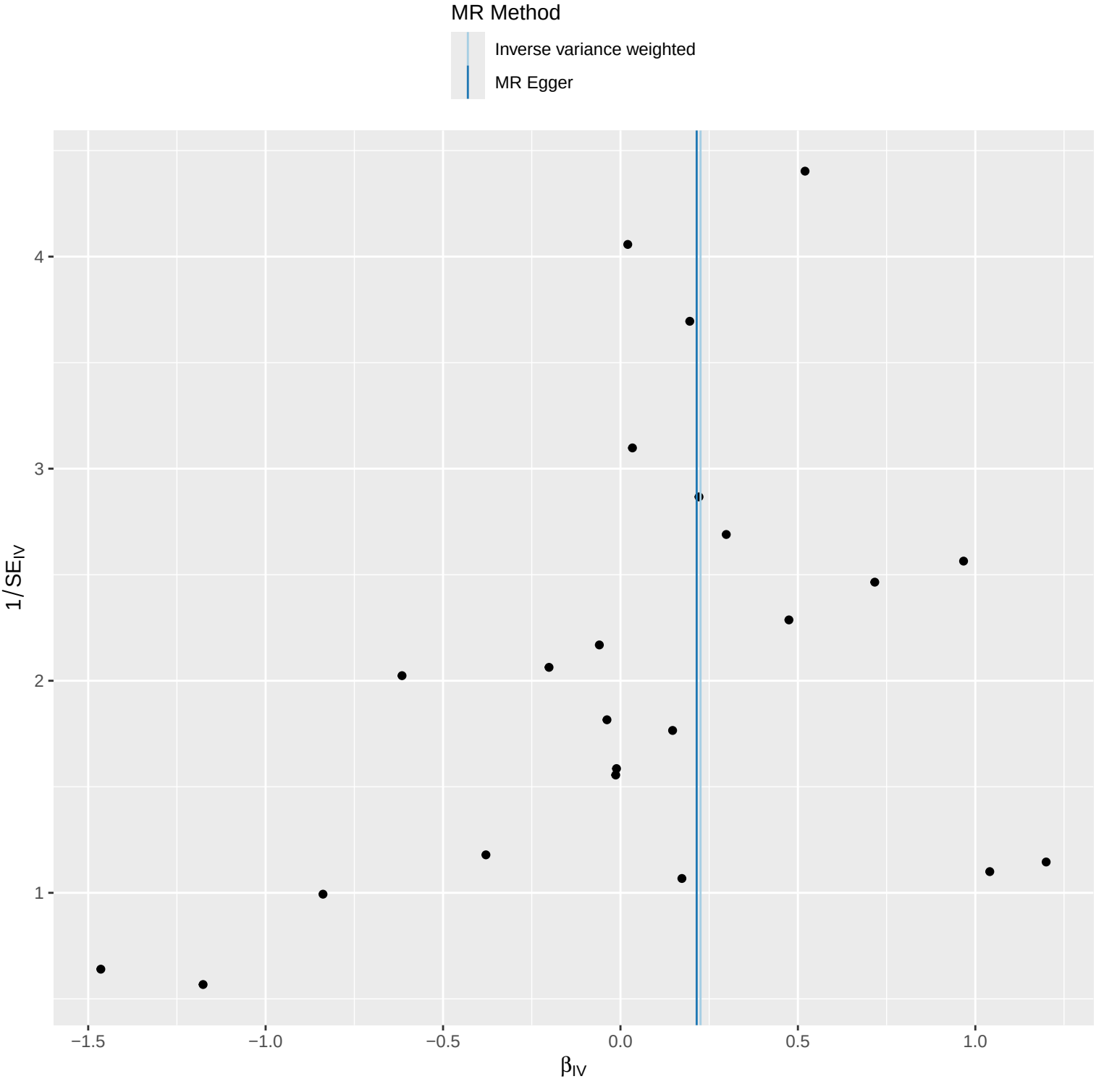

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

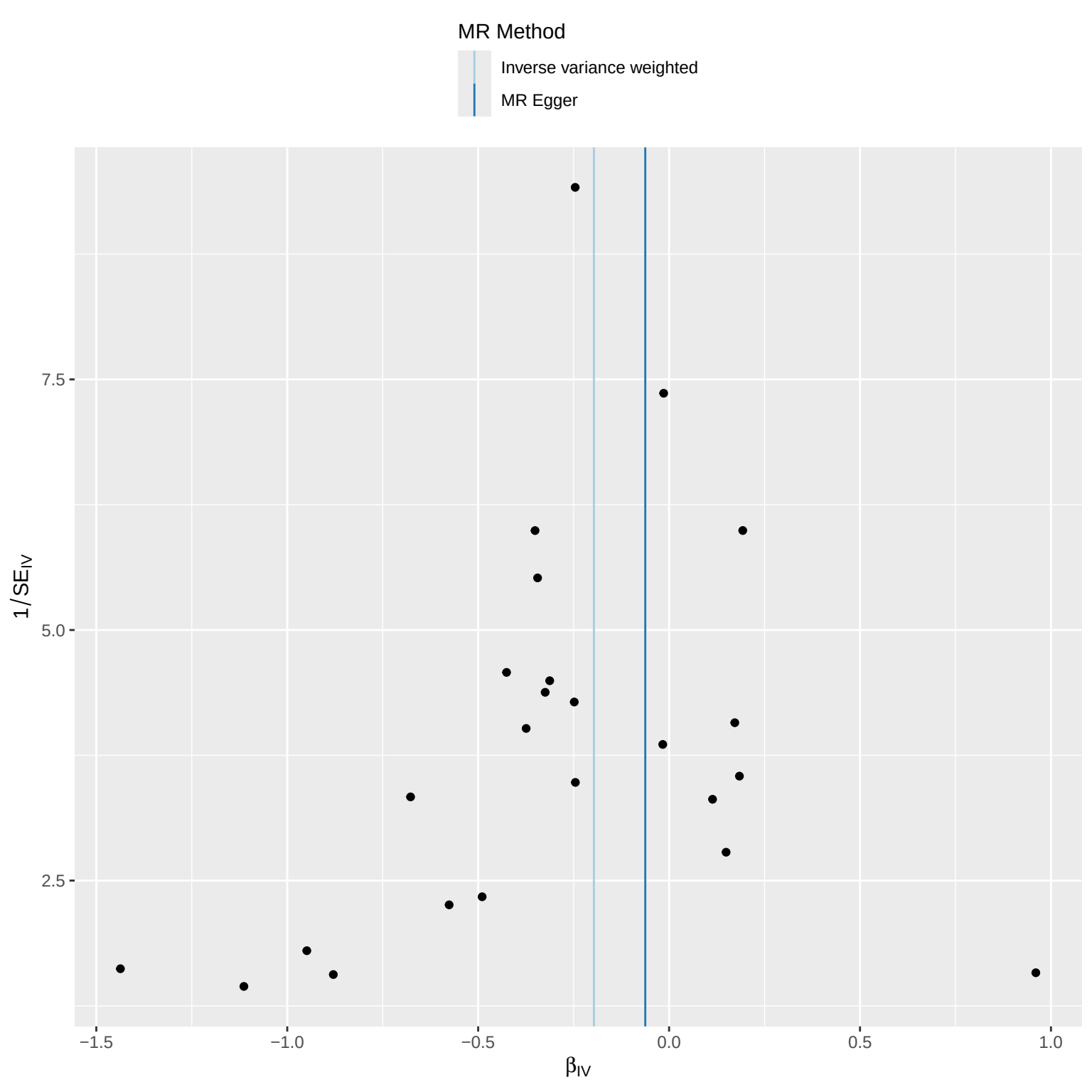

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

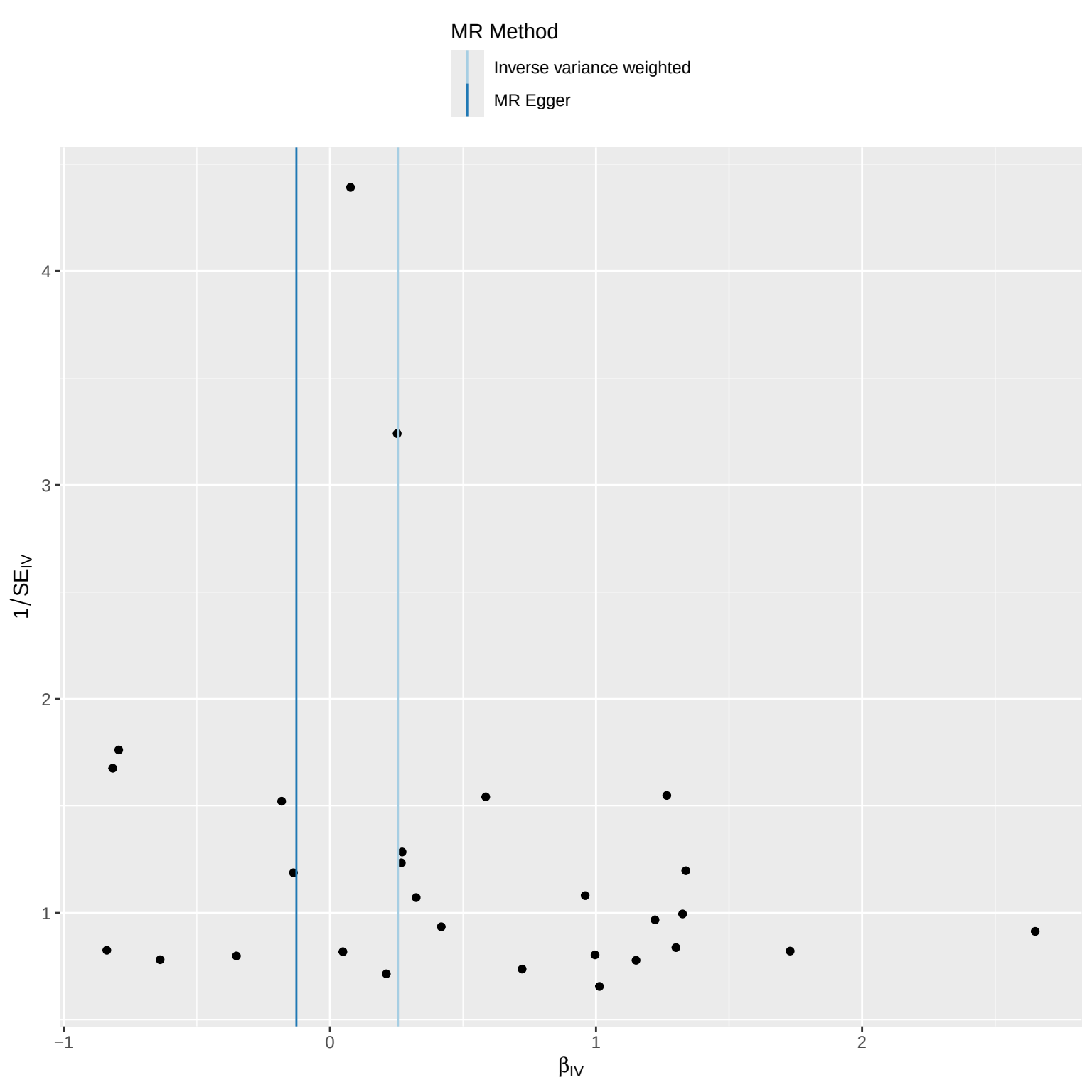

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

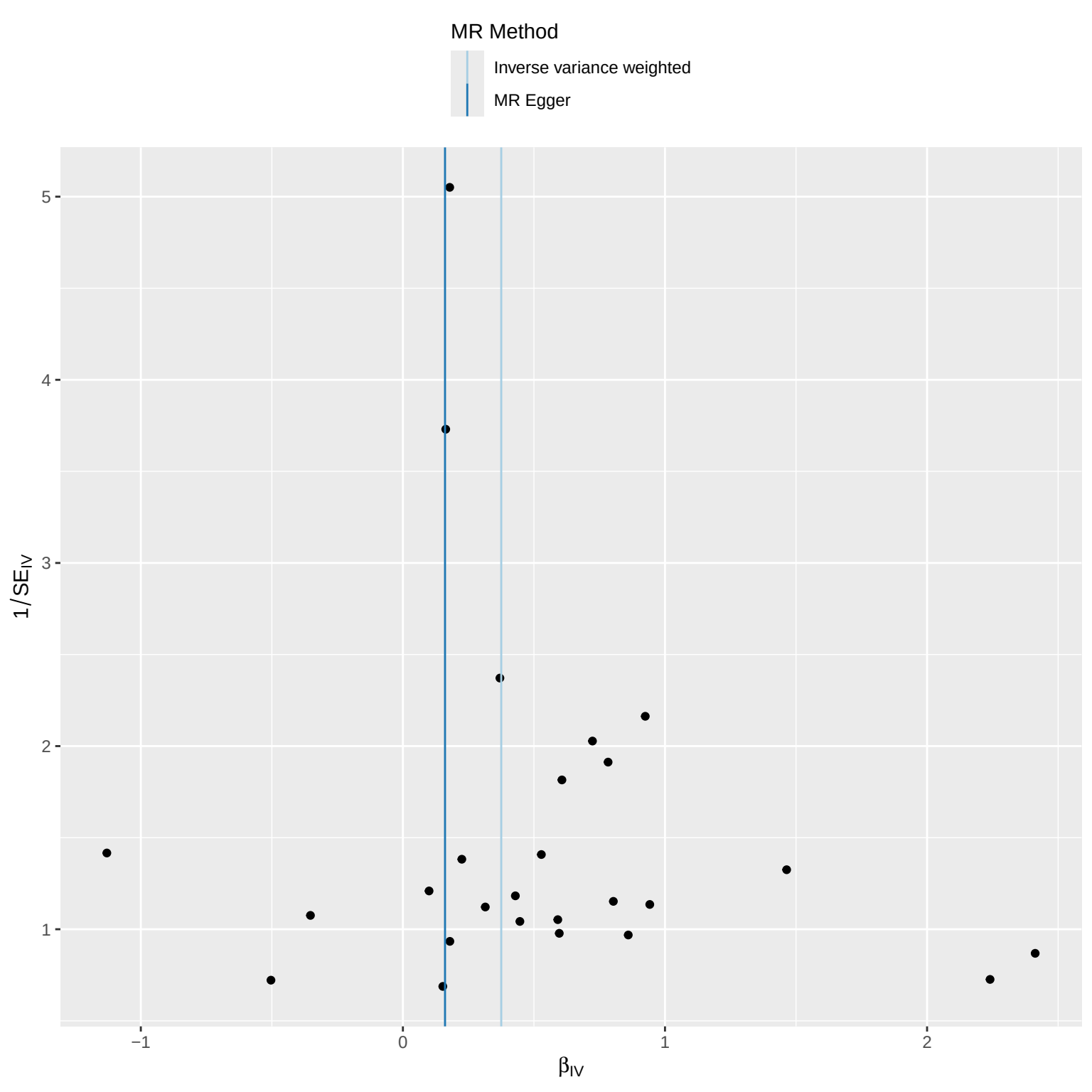

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

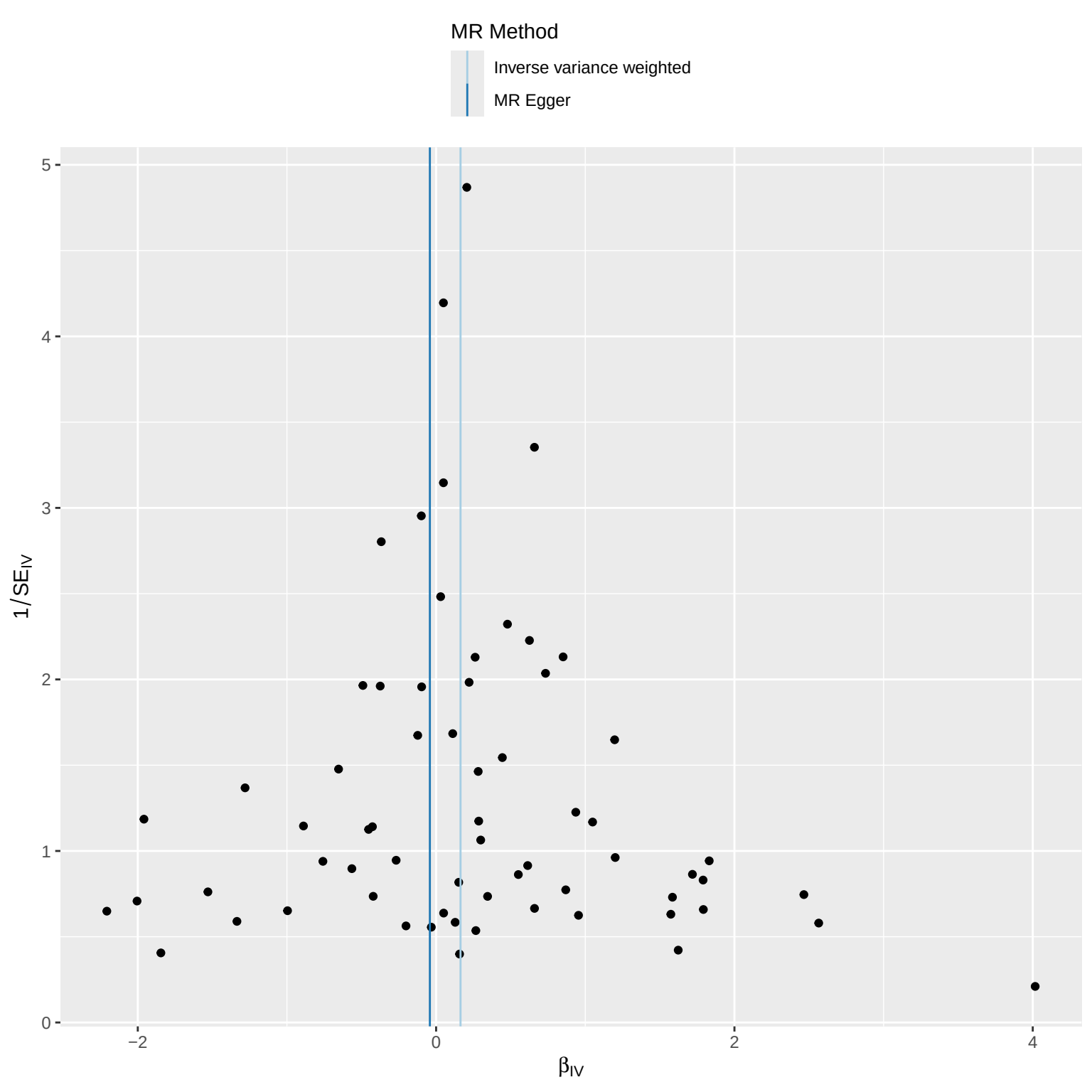

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0.75
1.00
1.25
1.50
β_IV

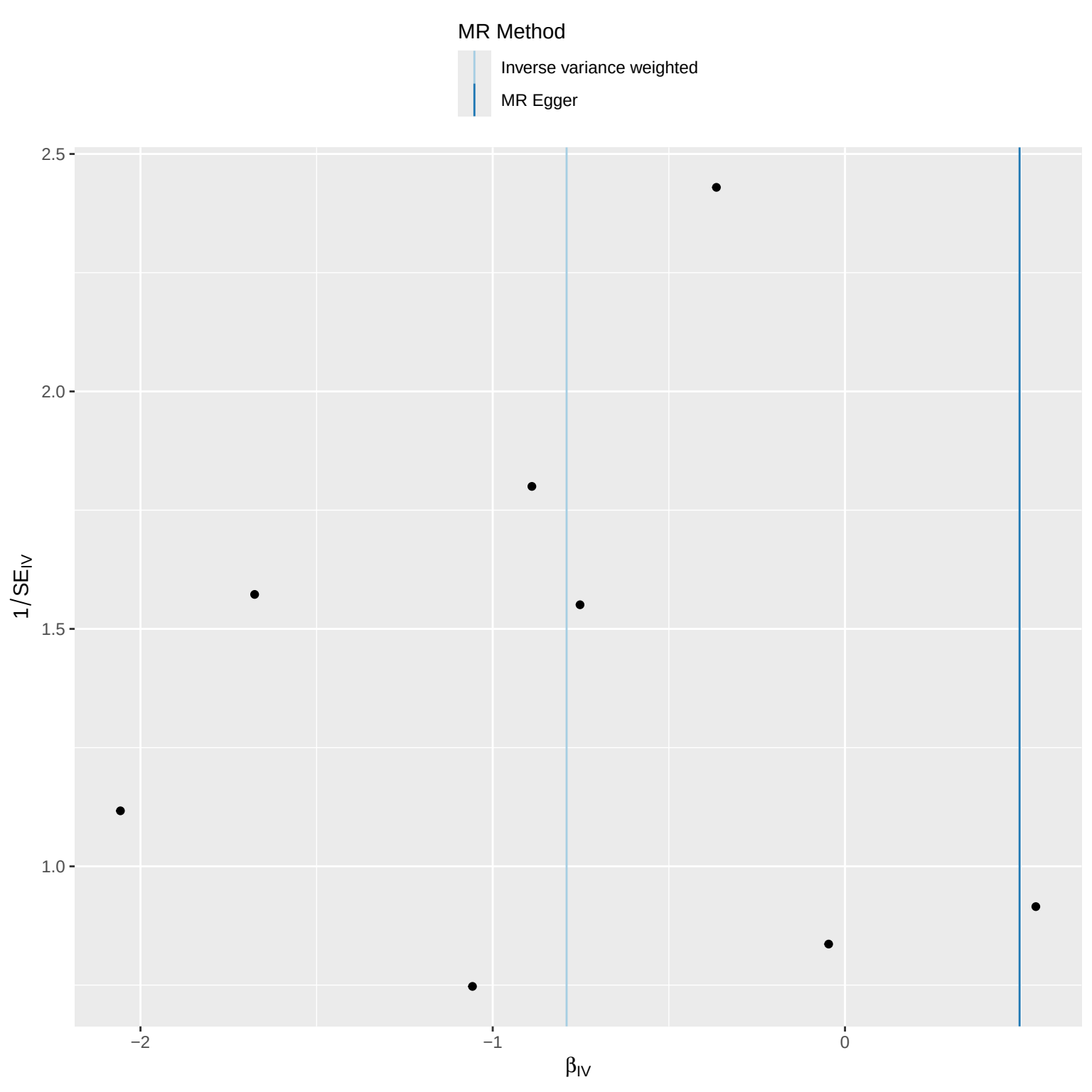

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

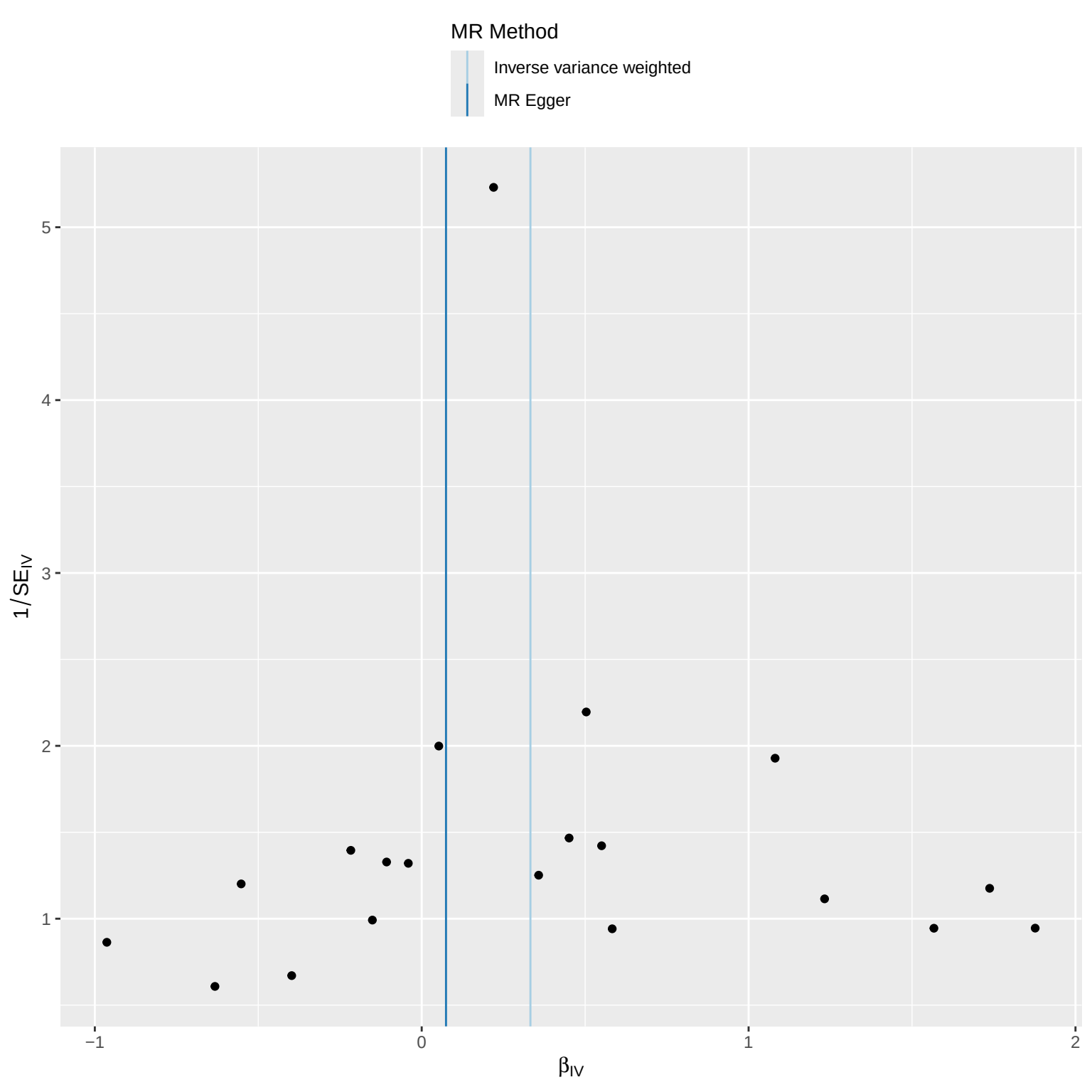

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

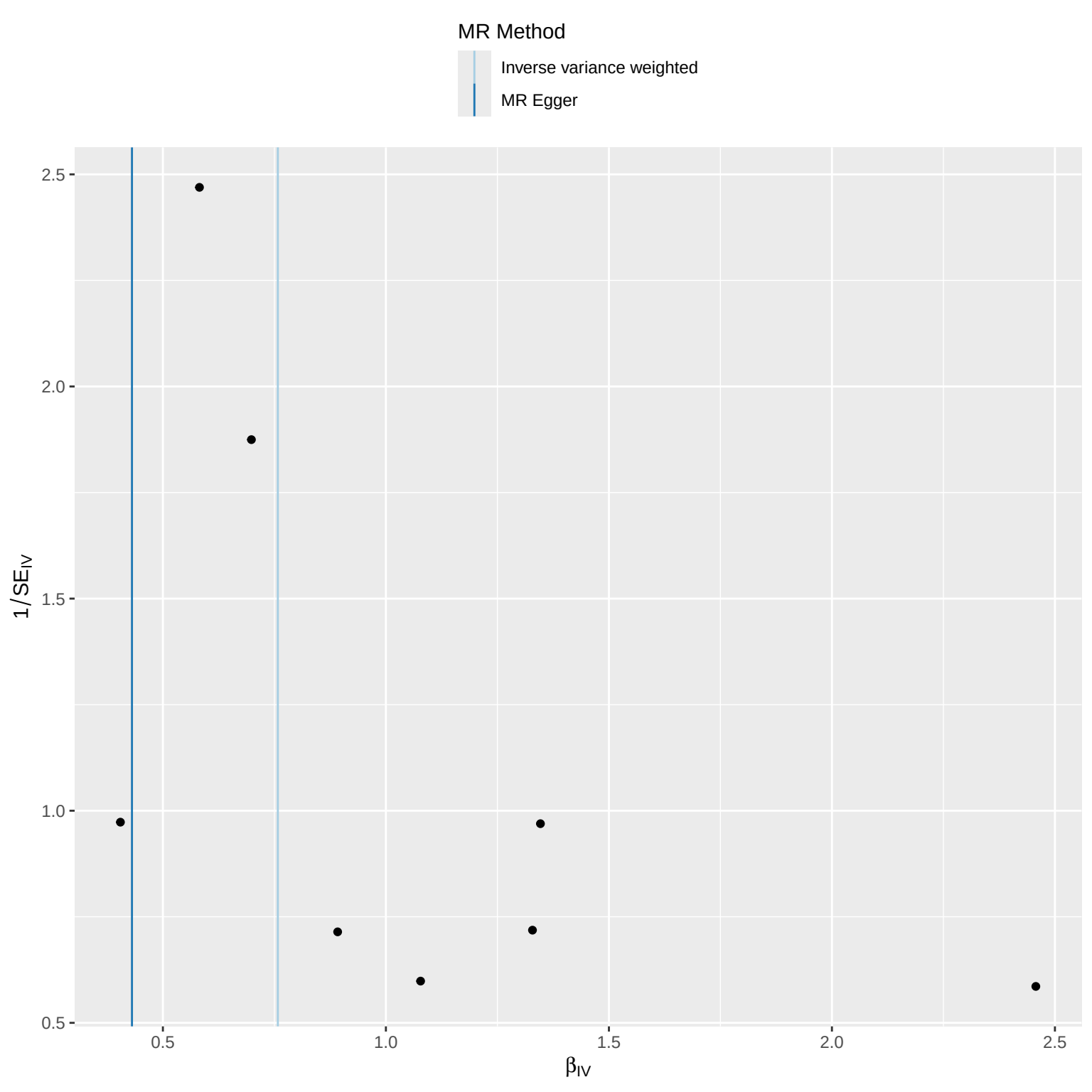

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

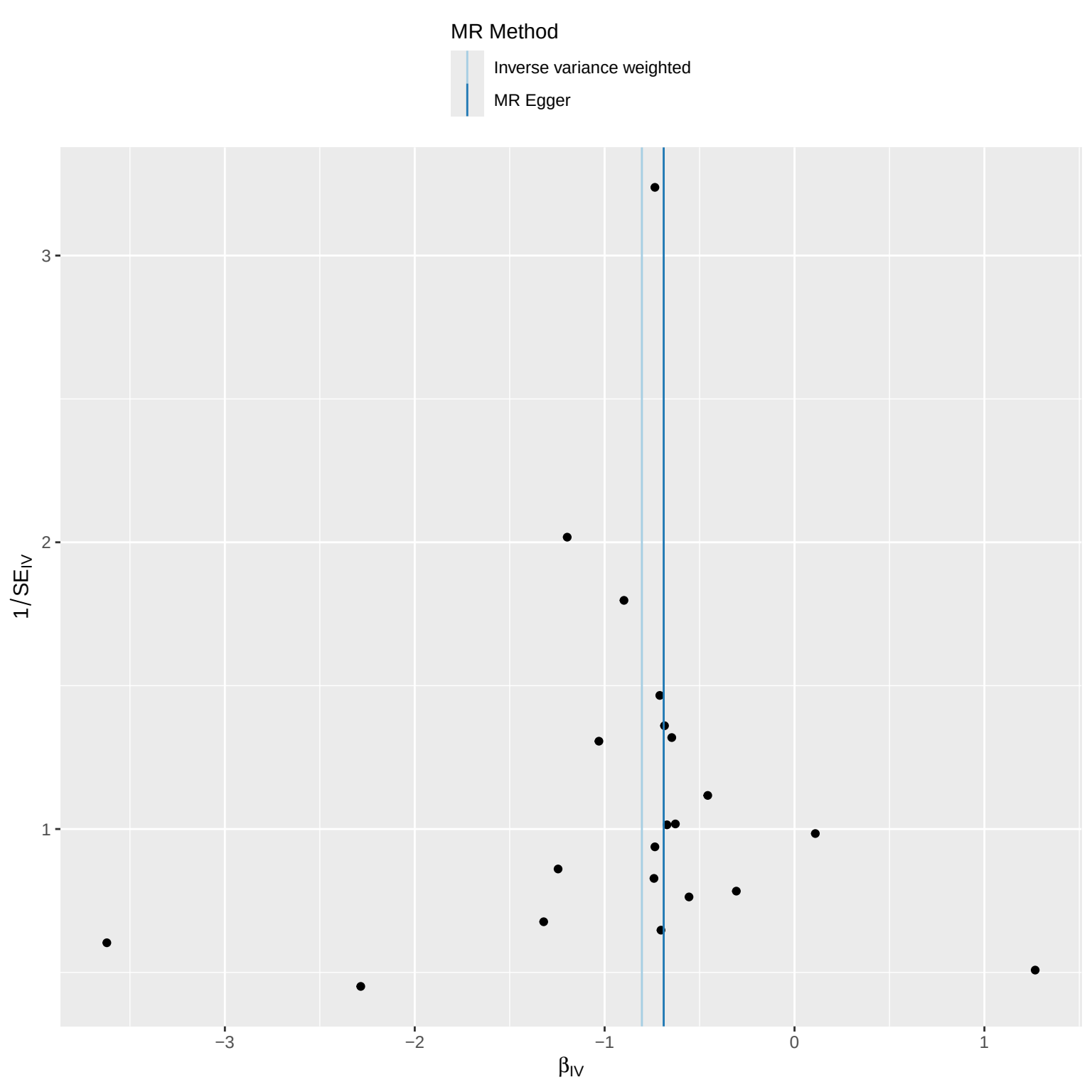

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

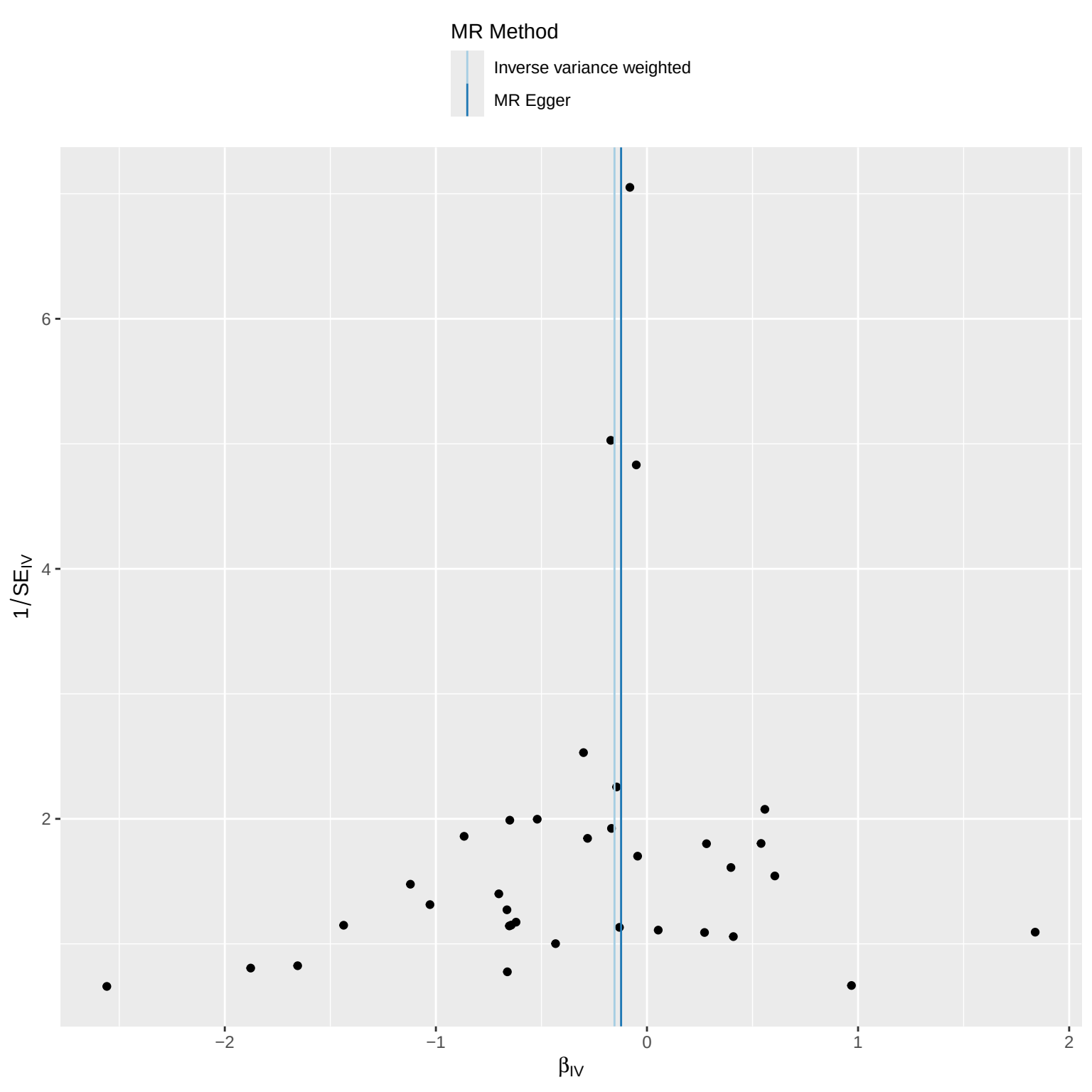

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2
0
2
4
β_IV

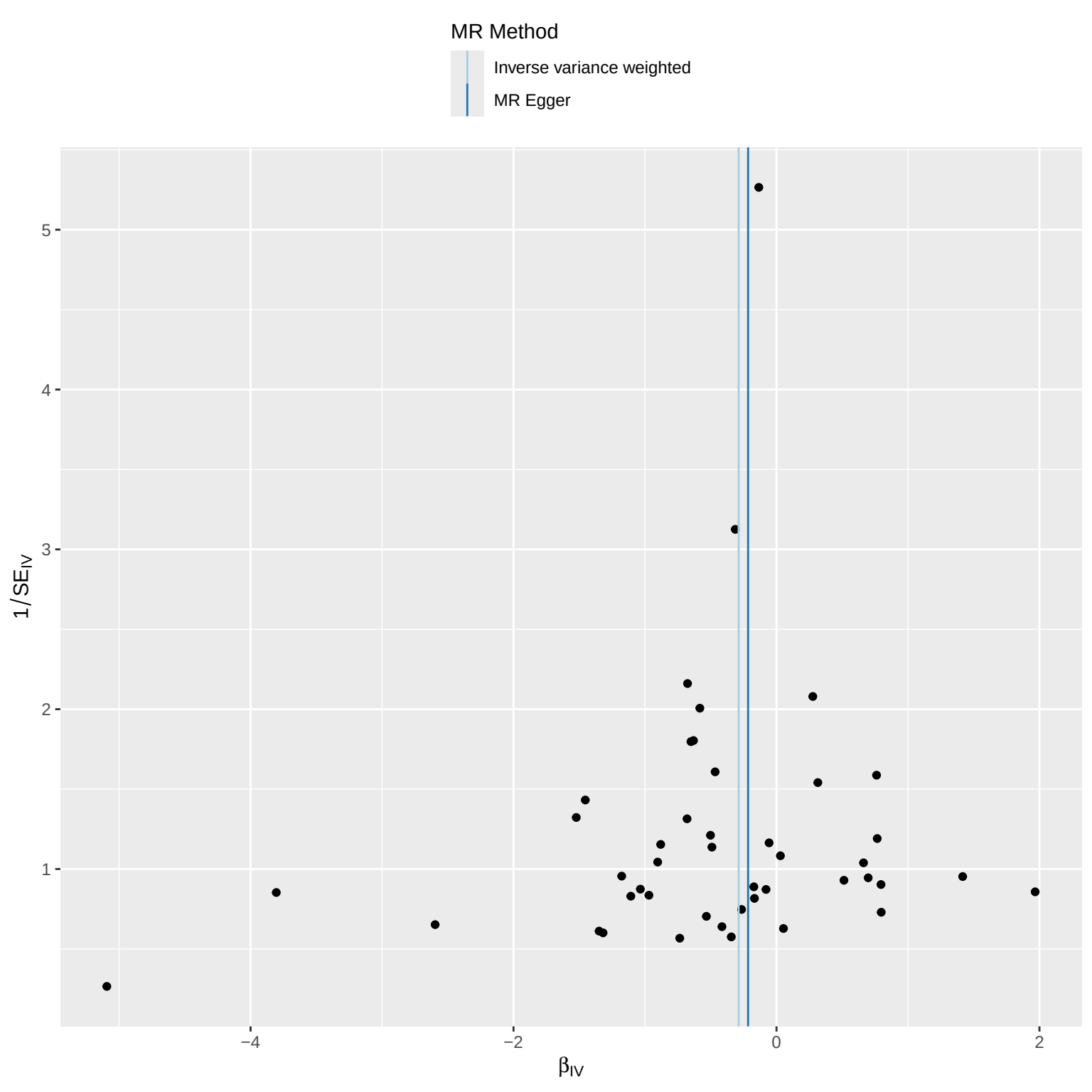

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

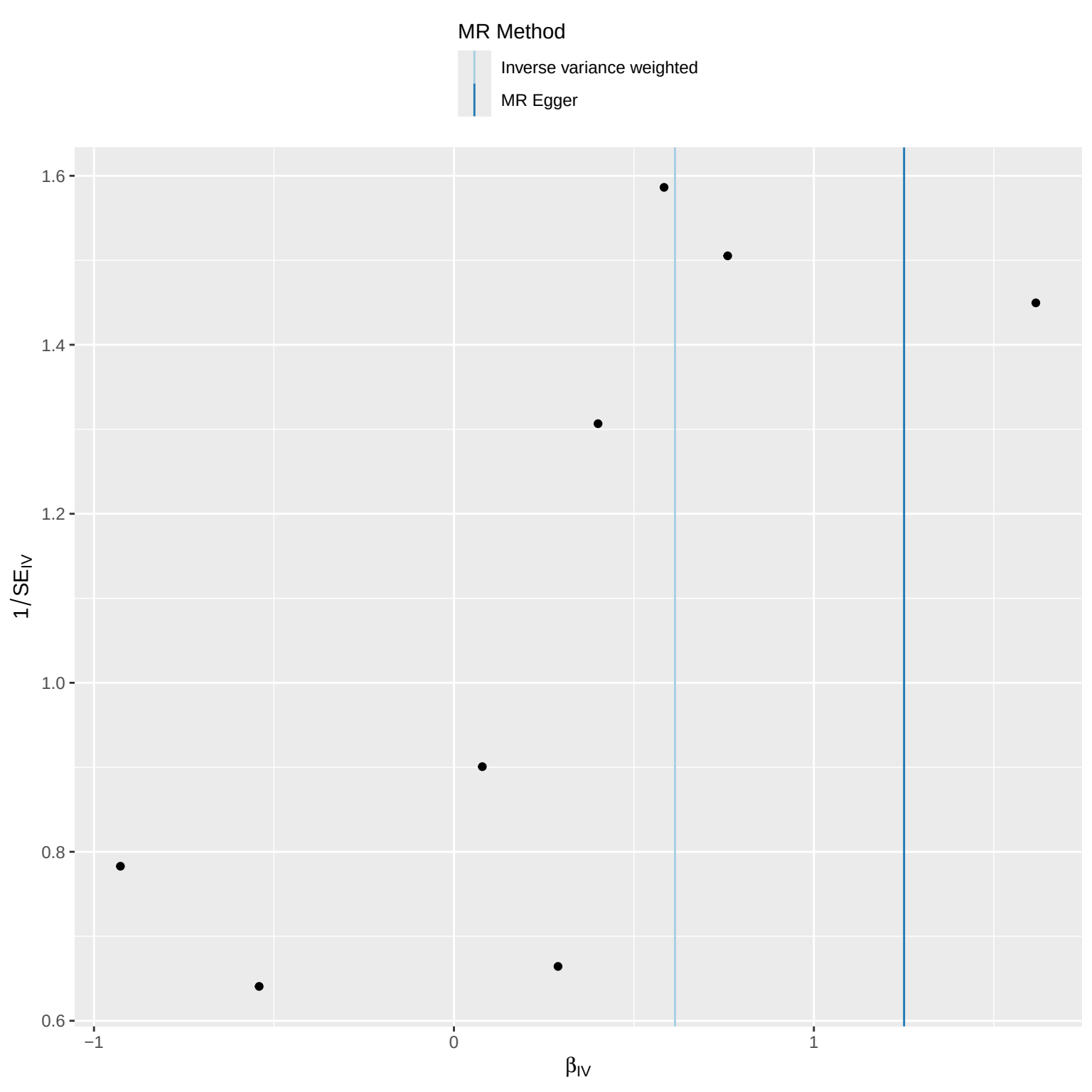

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

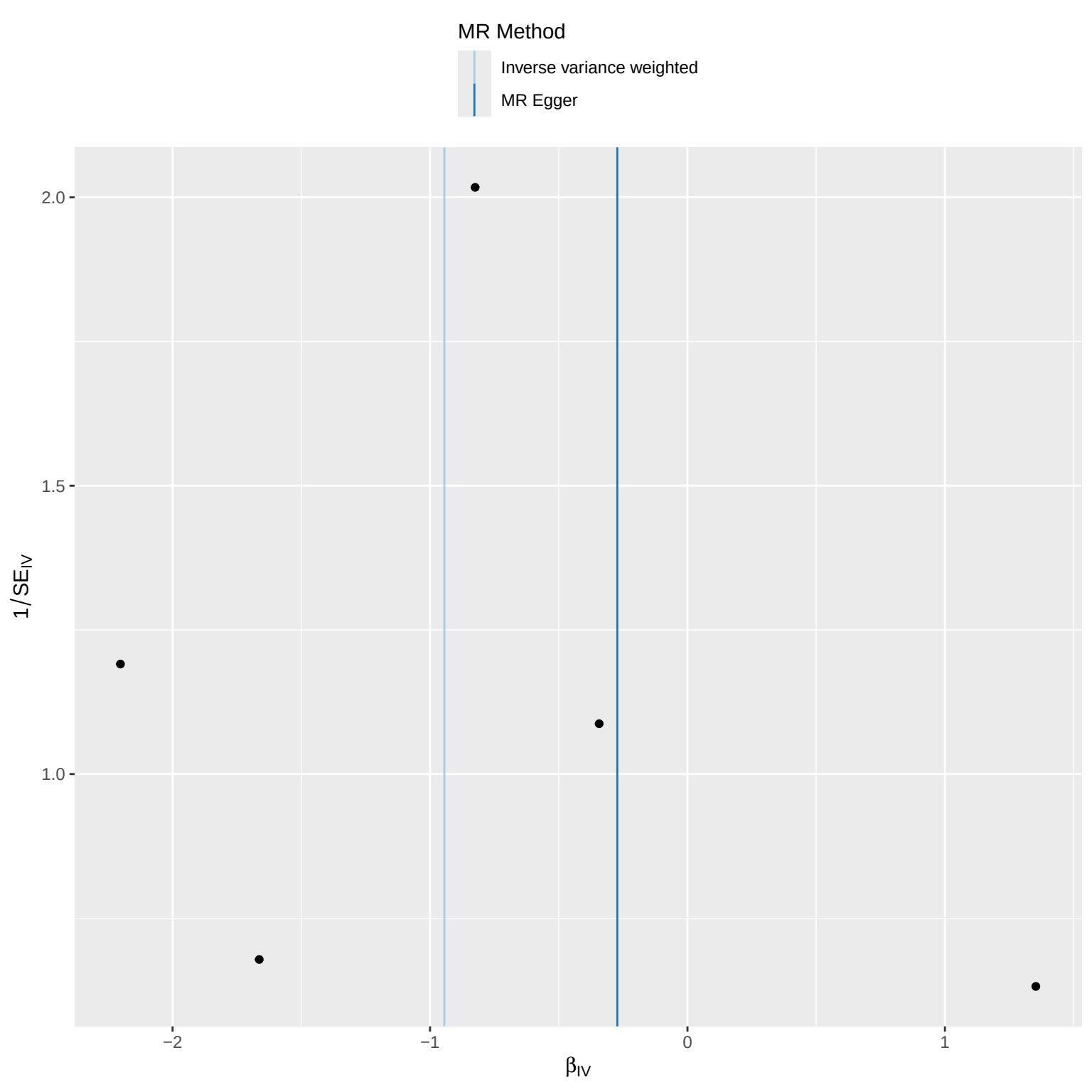

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0.5
1.0
1.5
2.0
2.5
β_IV

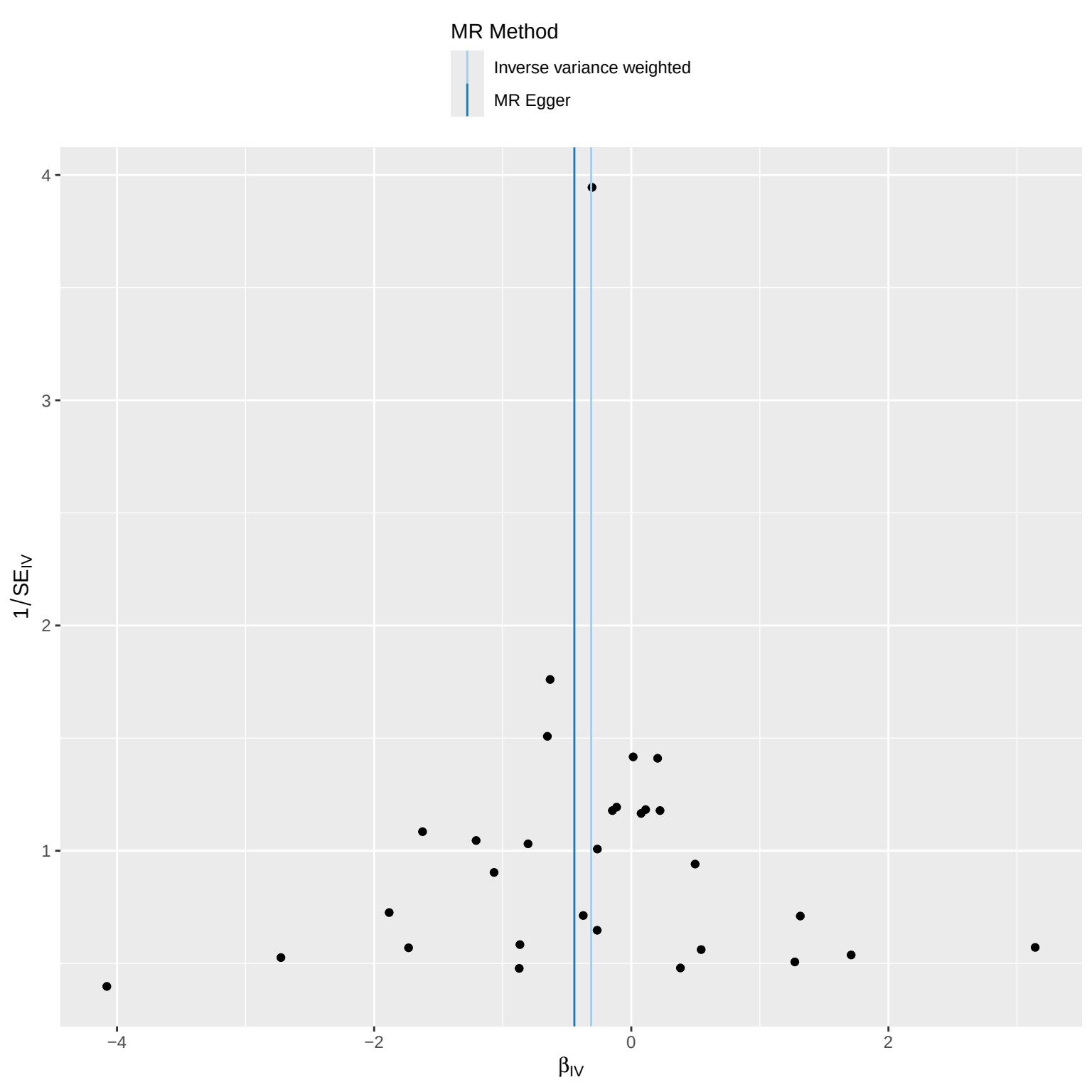

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

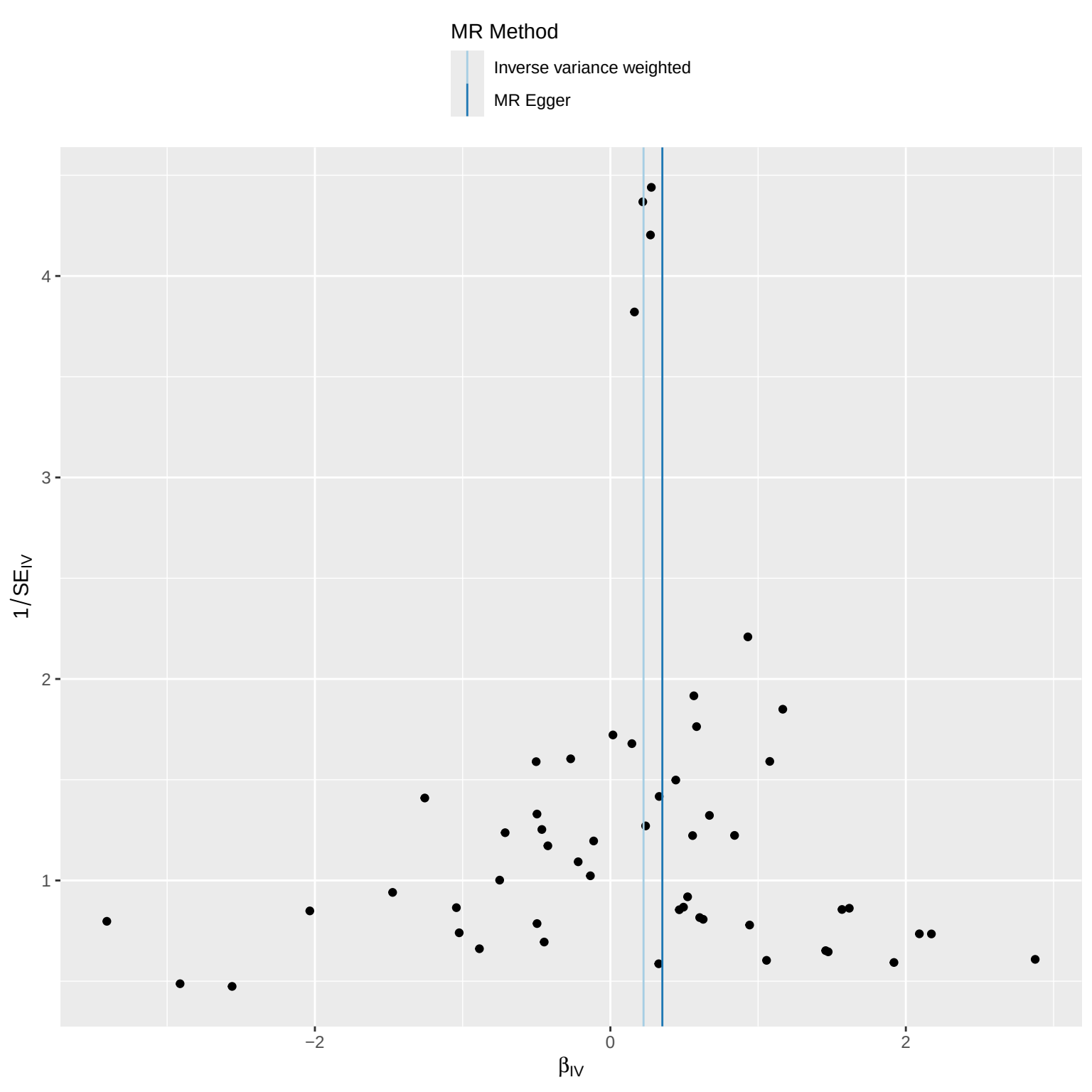

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

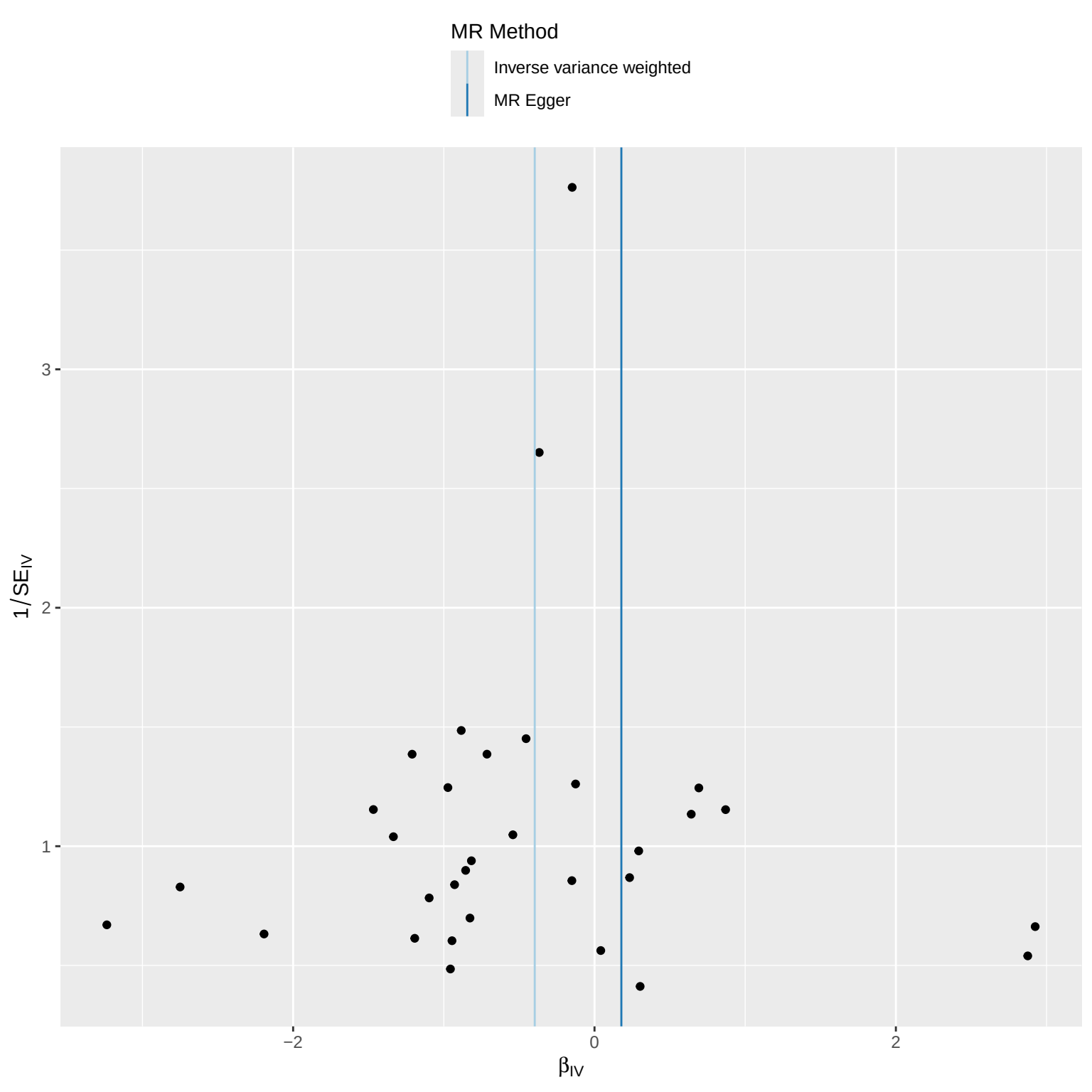

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

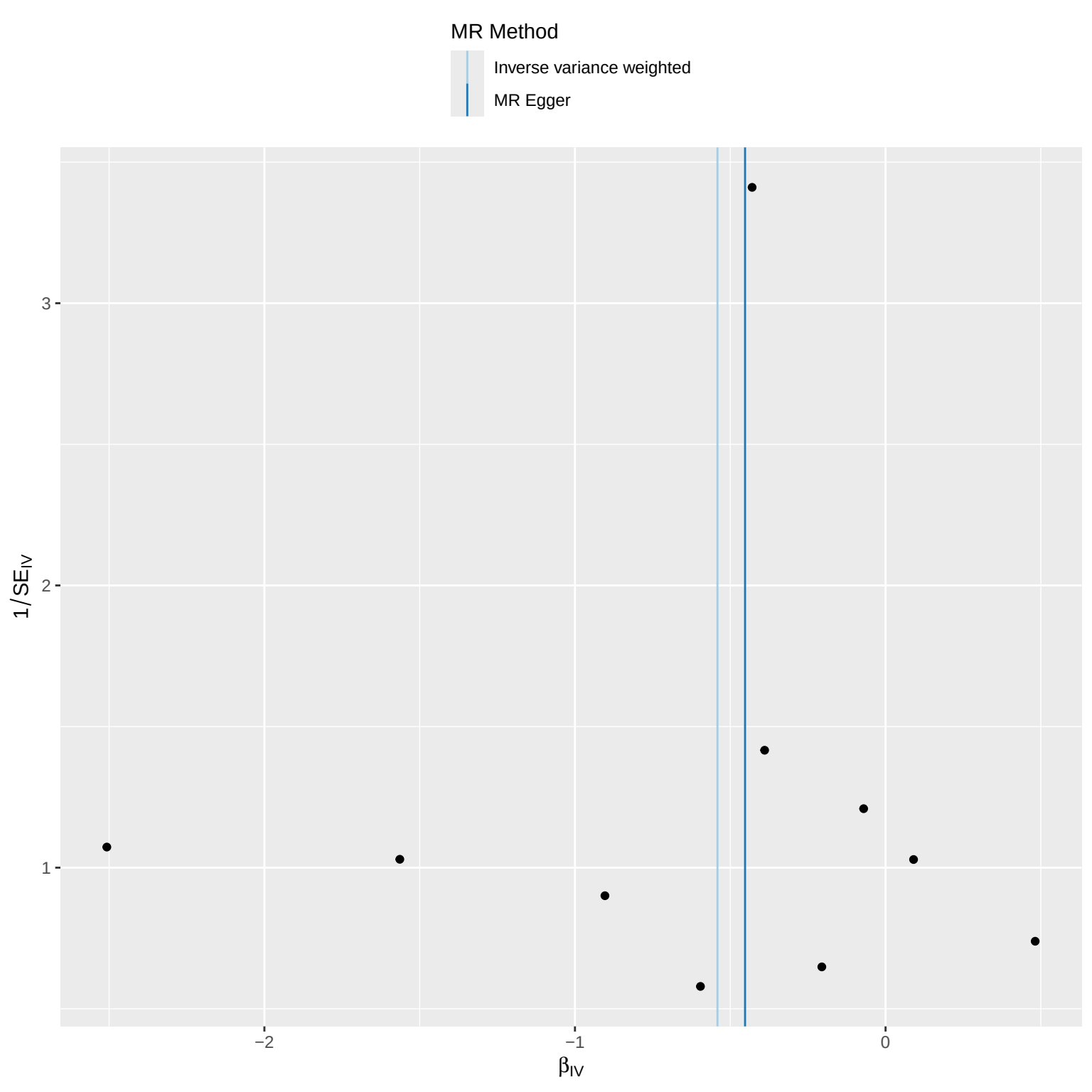

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
β_IV

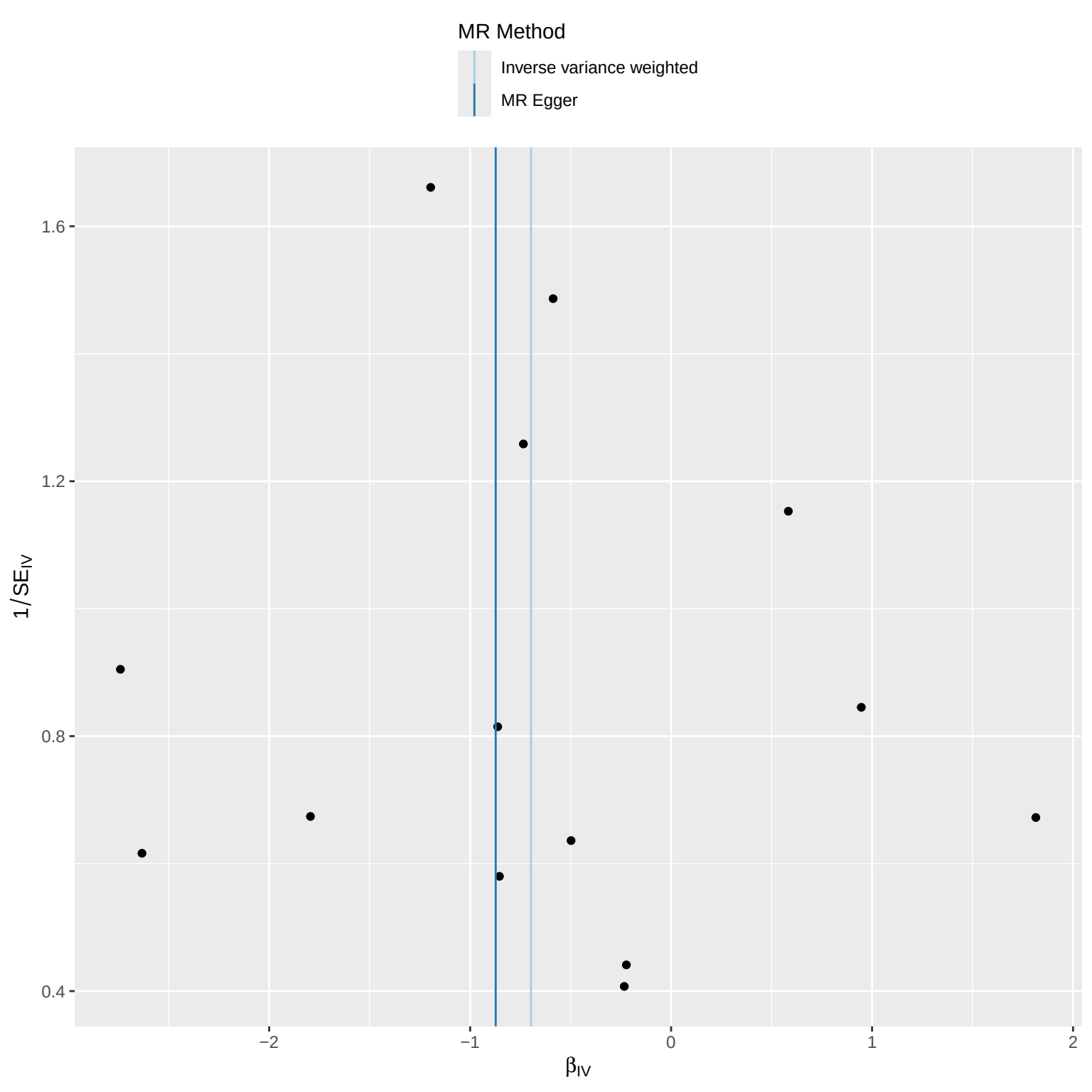

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

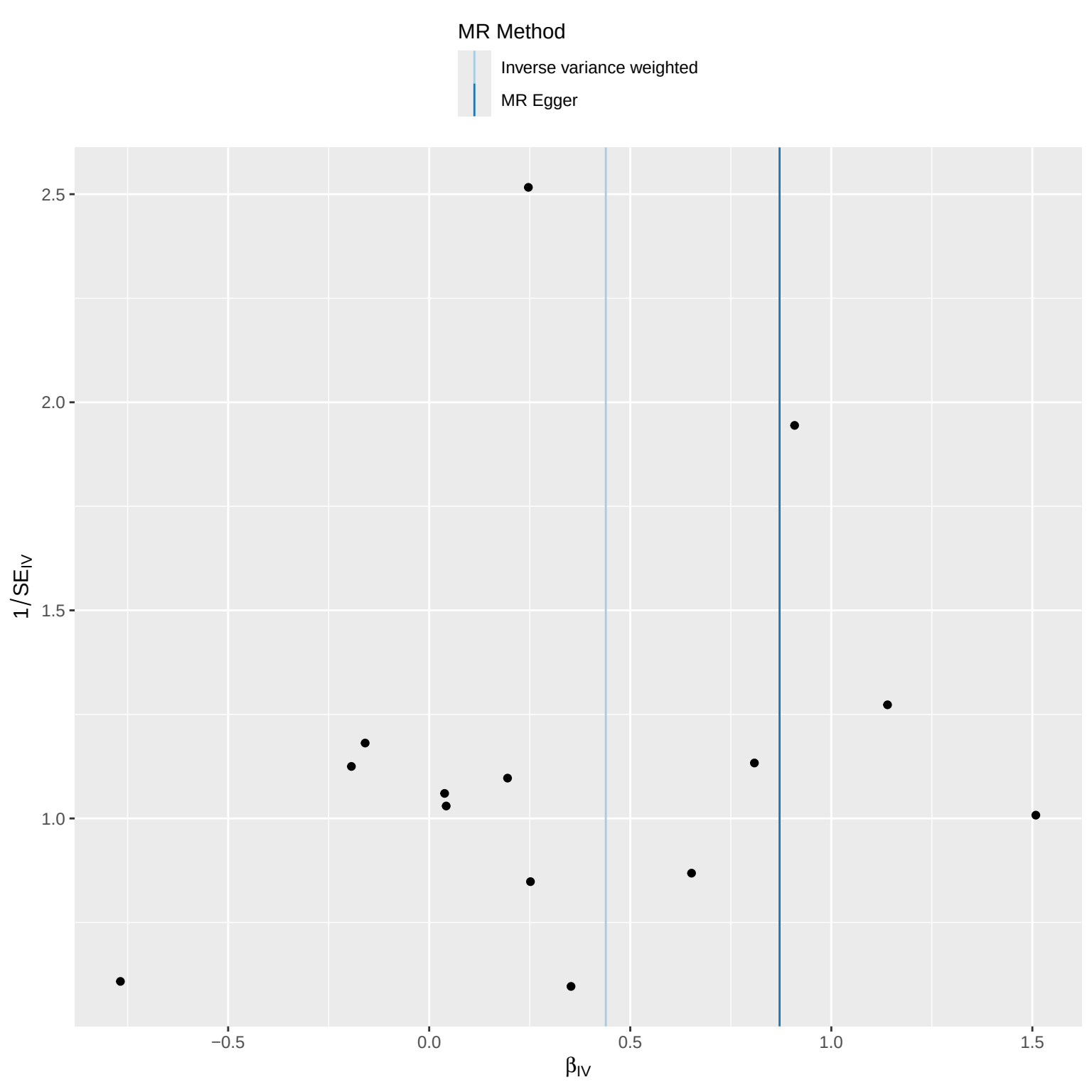

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

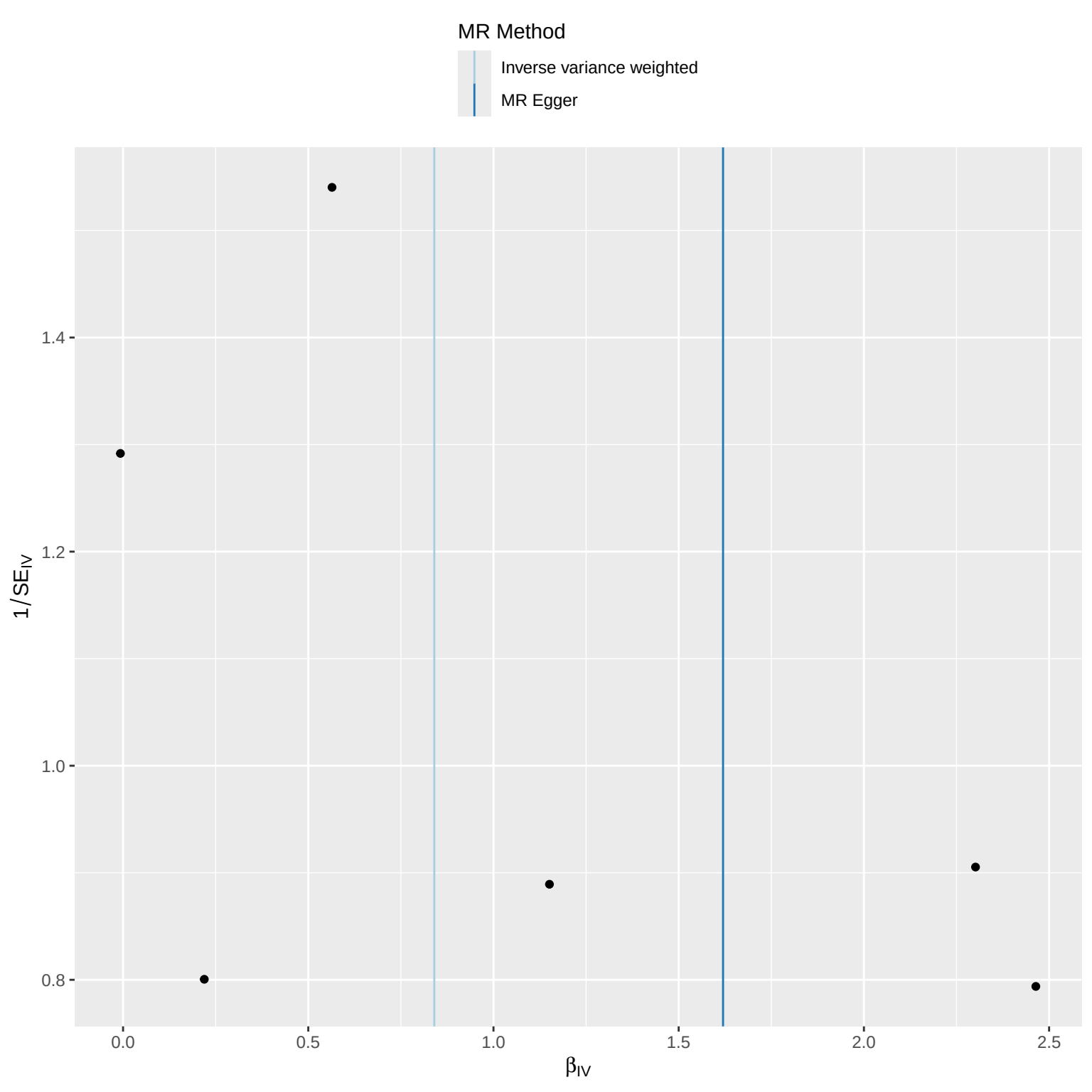

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

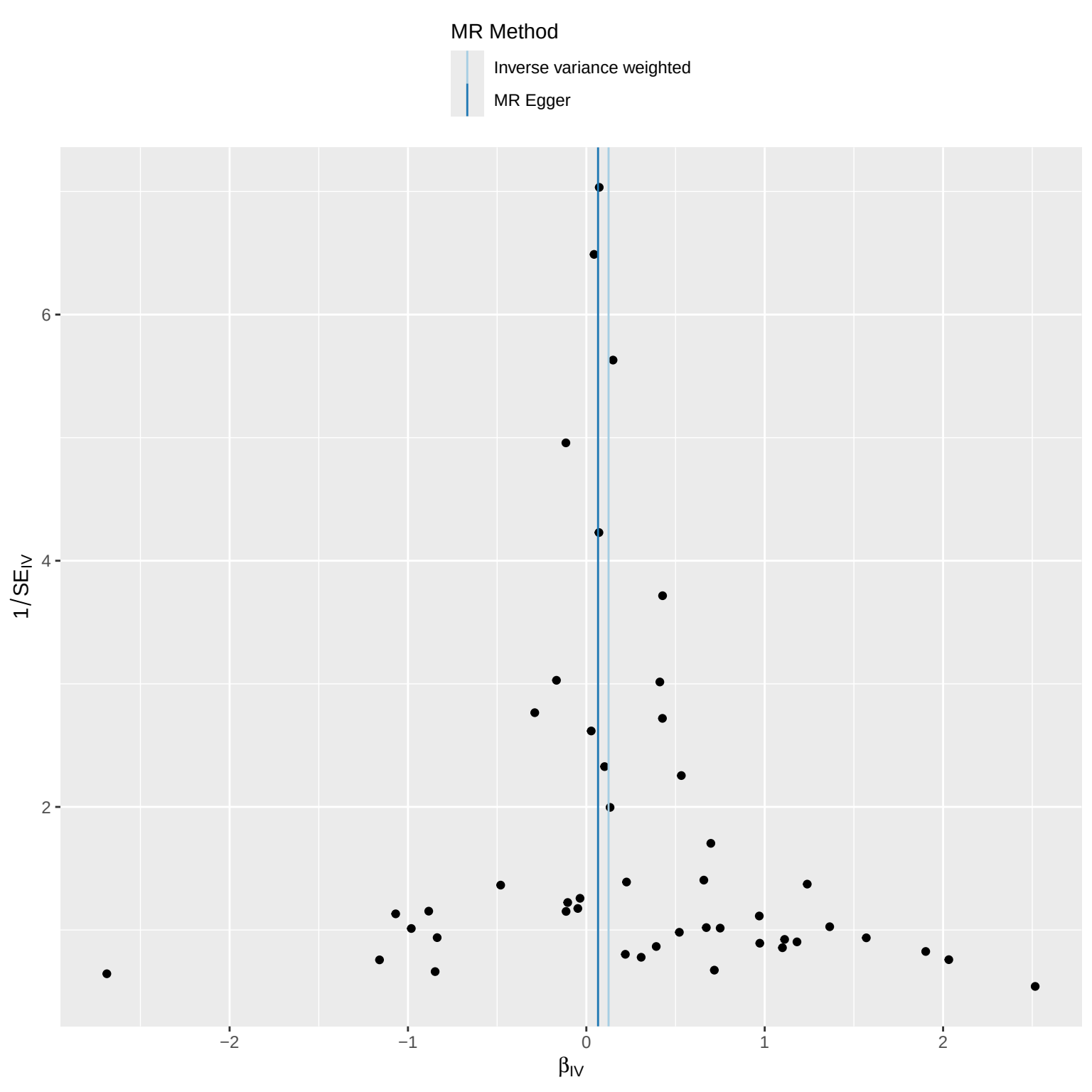

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

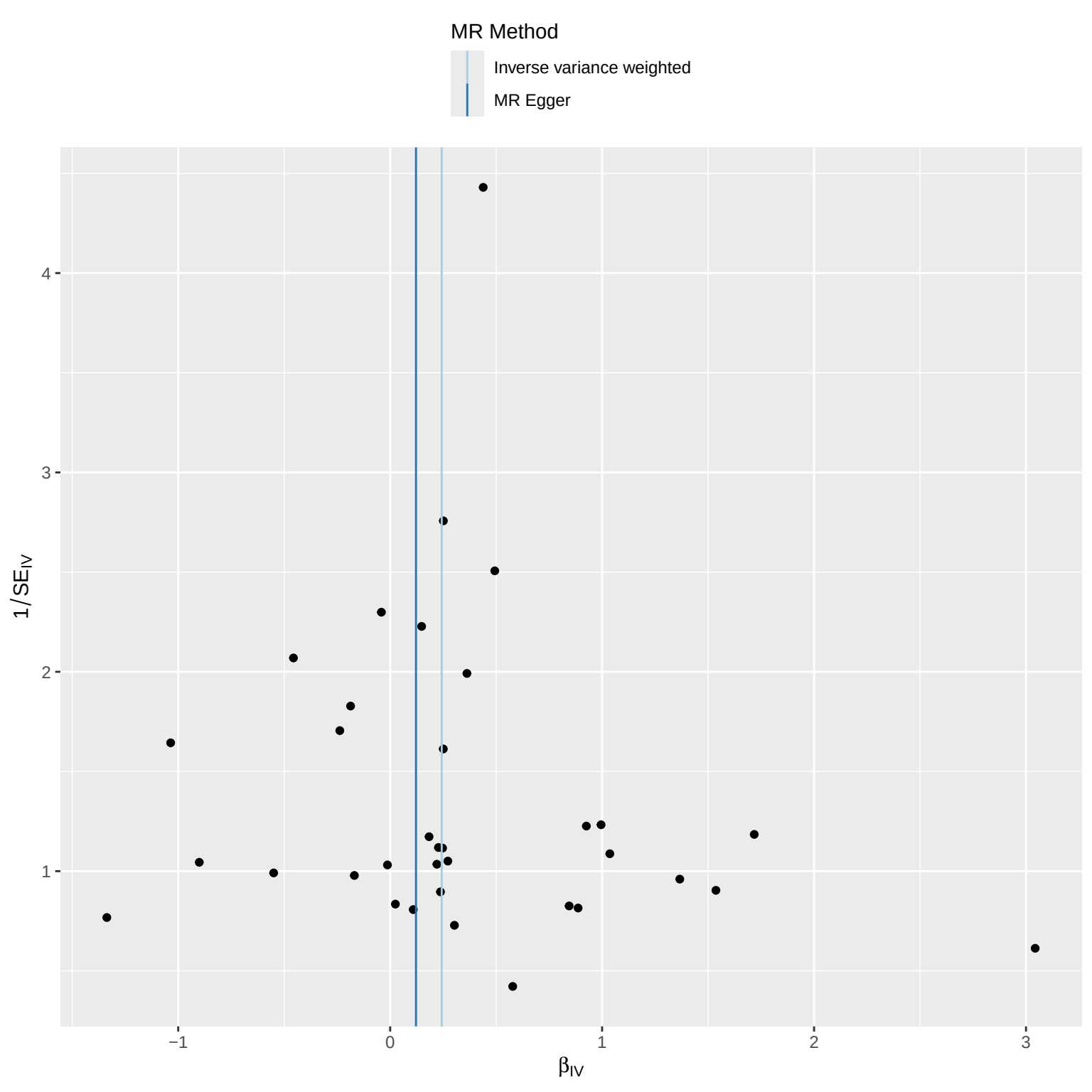

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

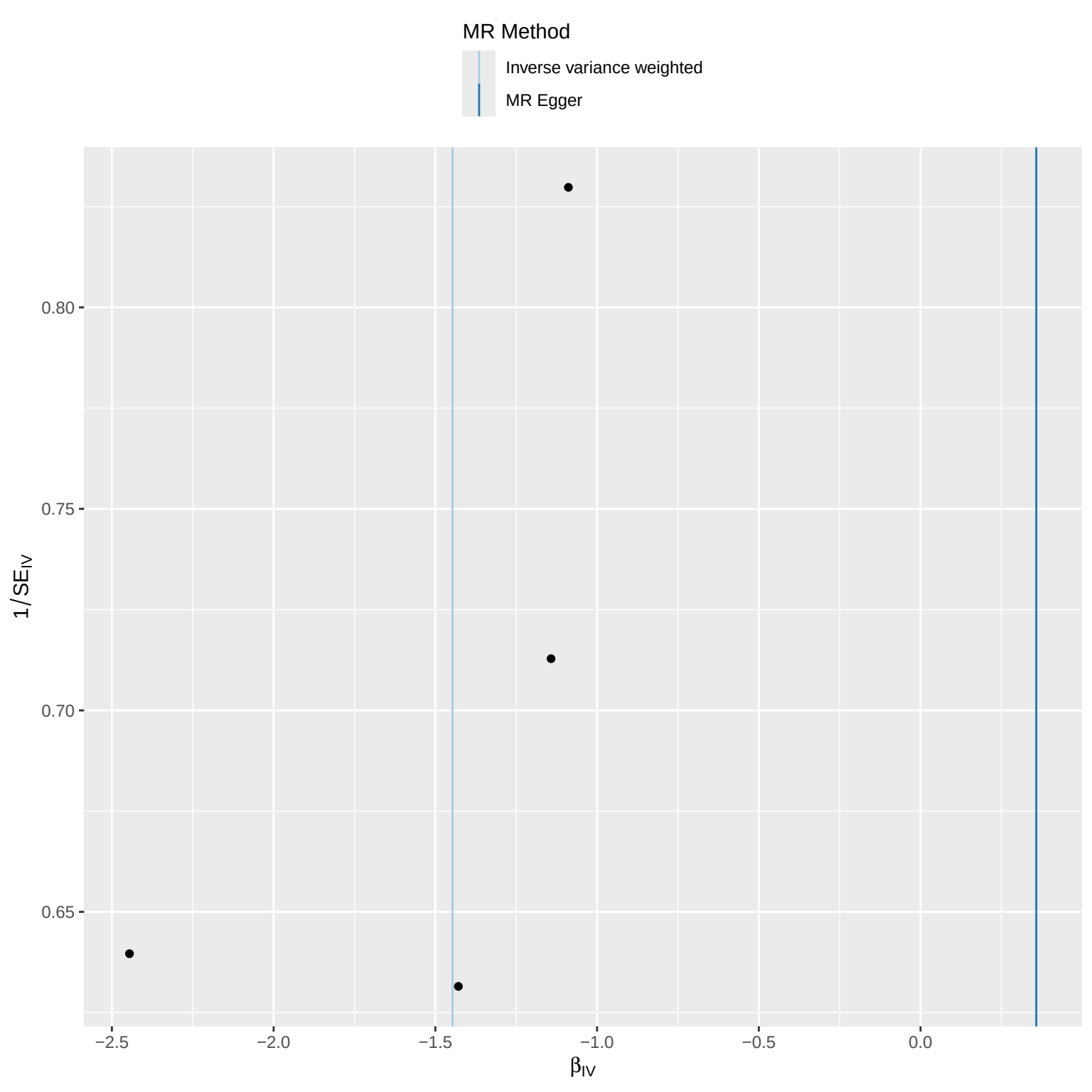

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

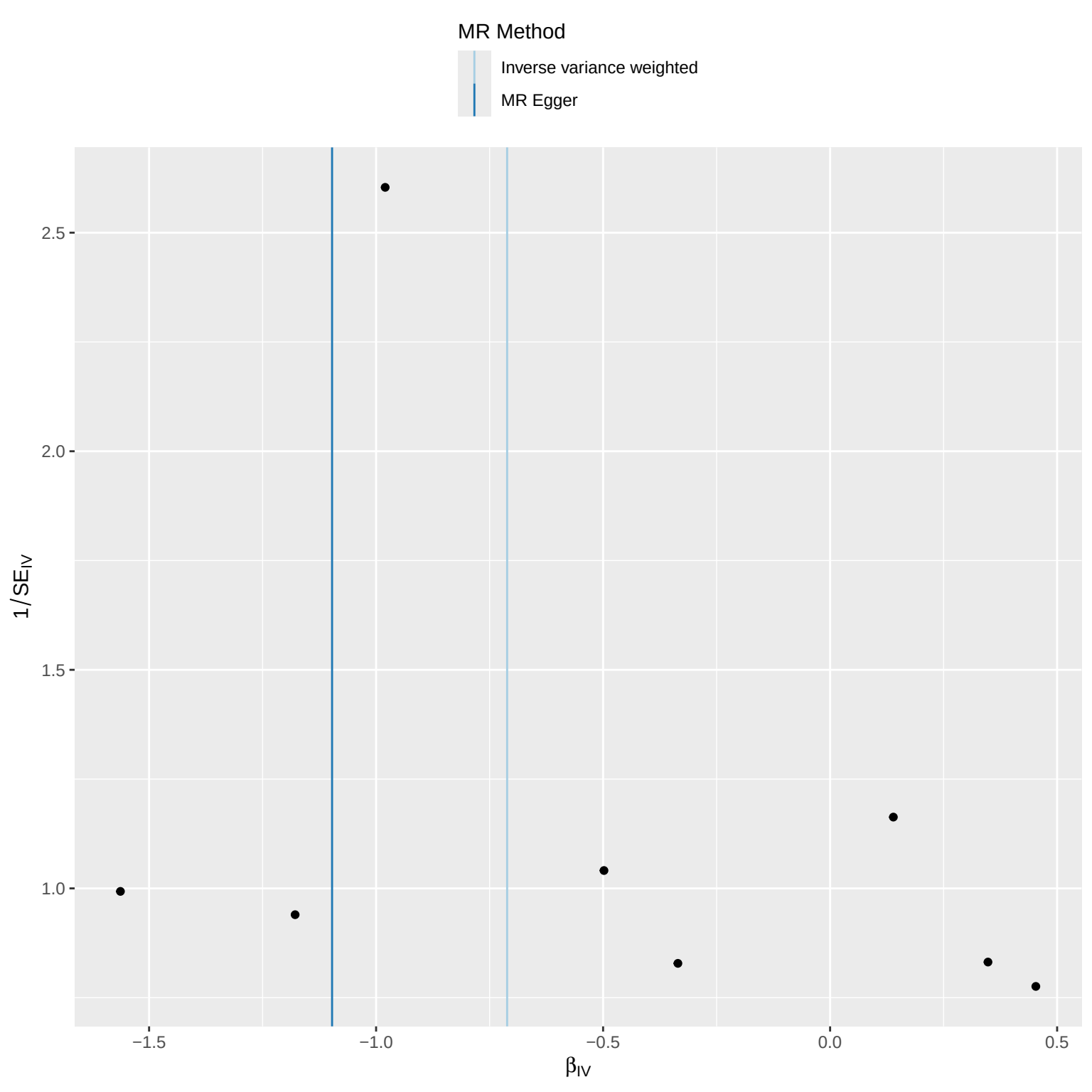

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

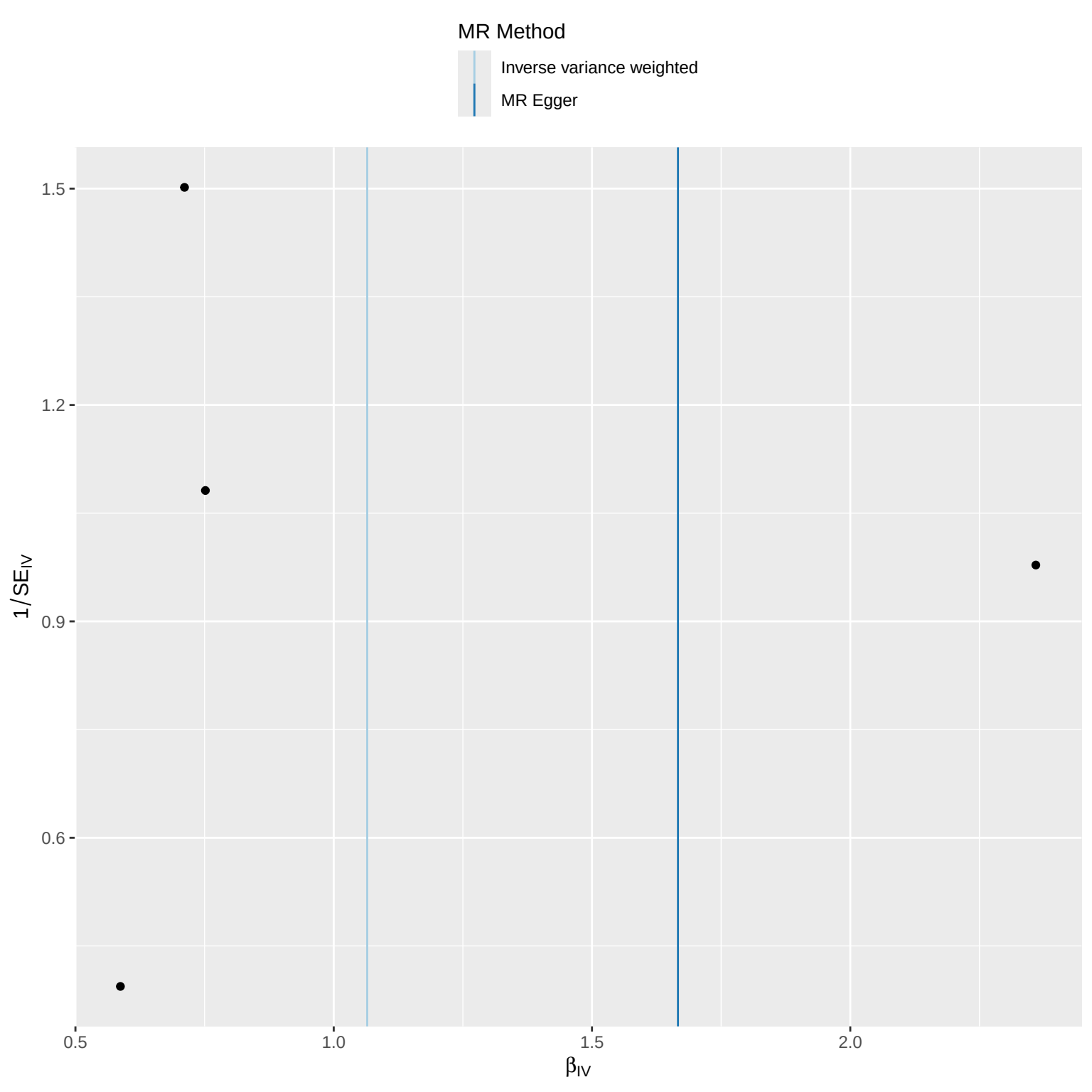

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

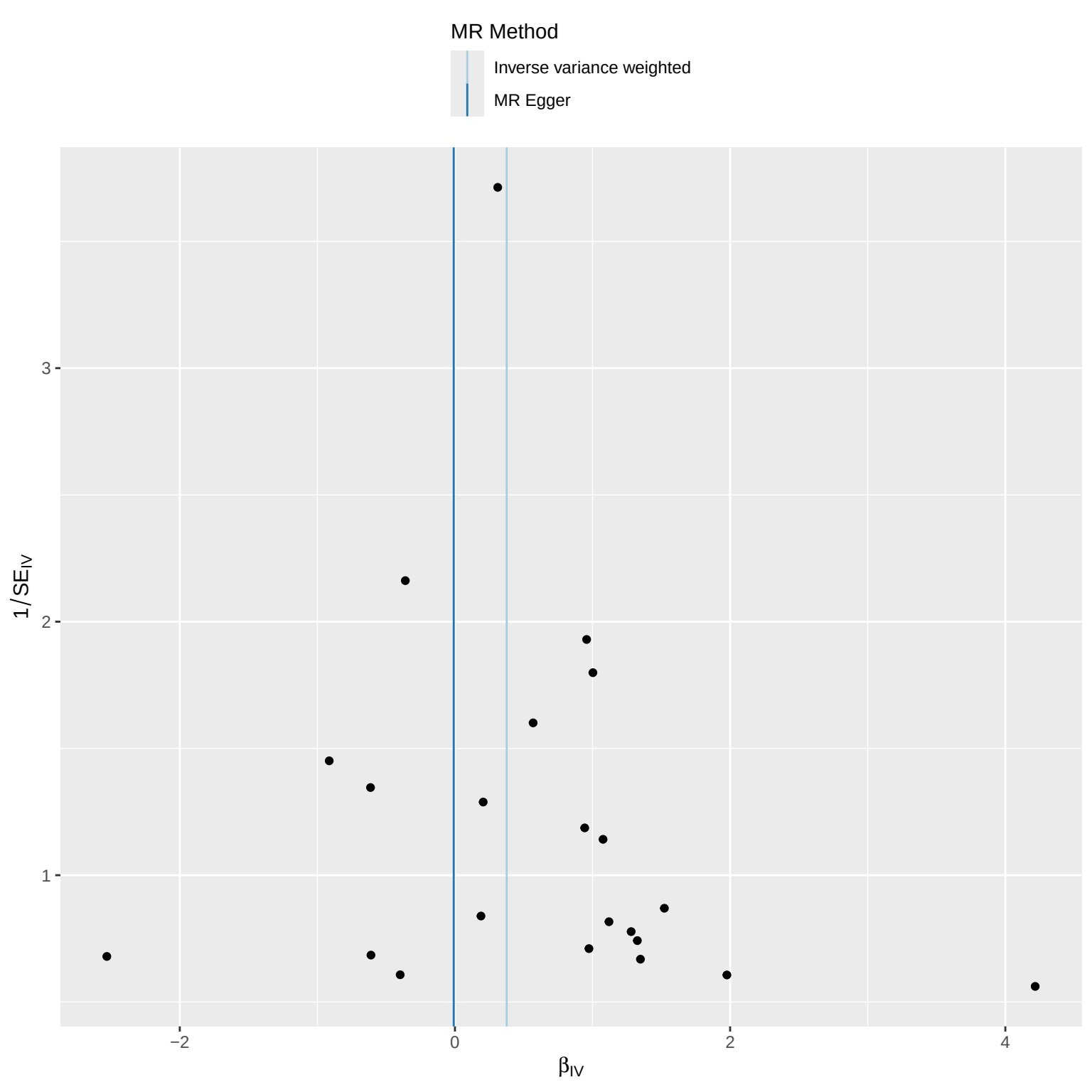

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

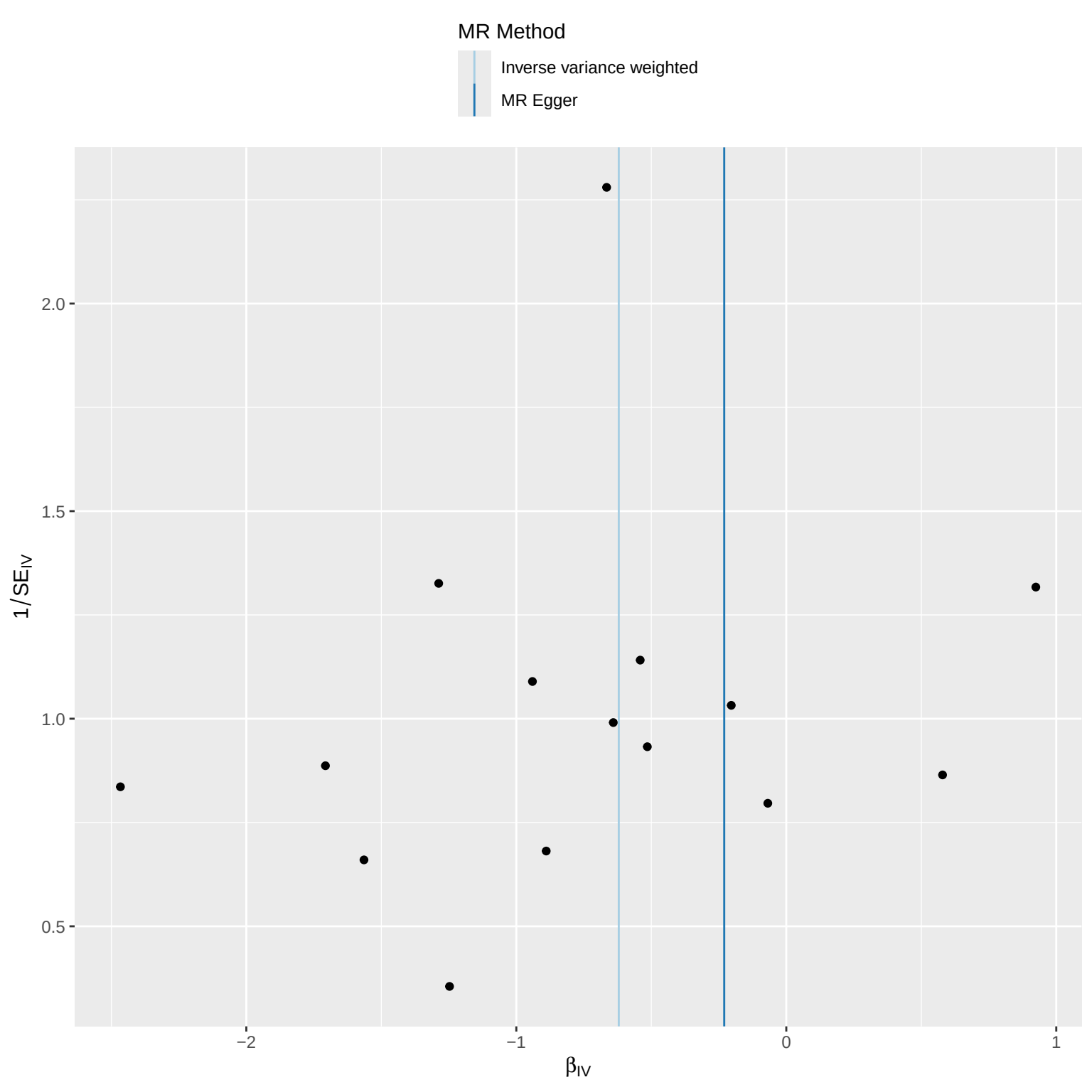

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

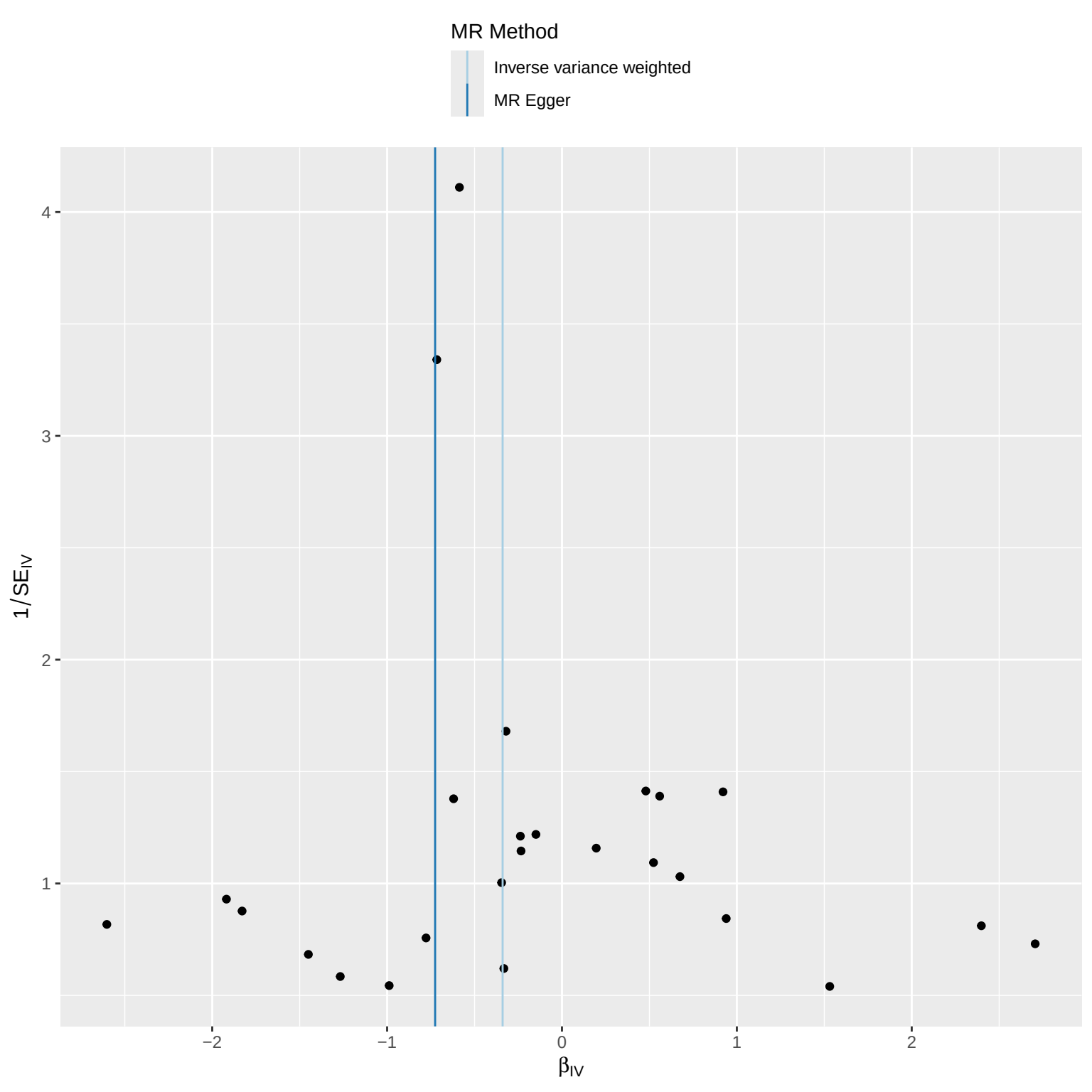

MR Method
Inverse variance weighted
MR Egger
0.80
0.75
0.70
0.65
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

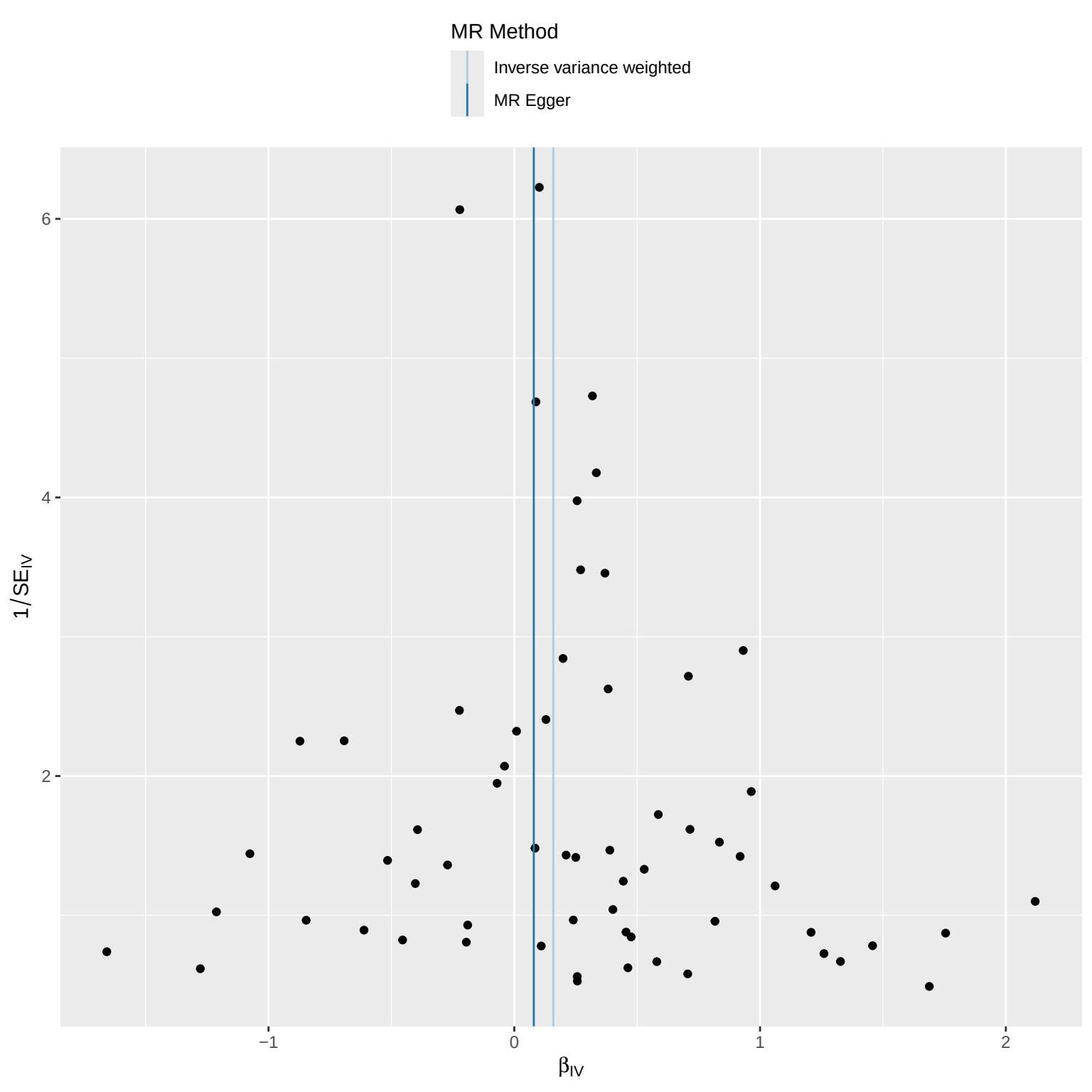

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

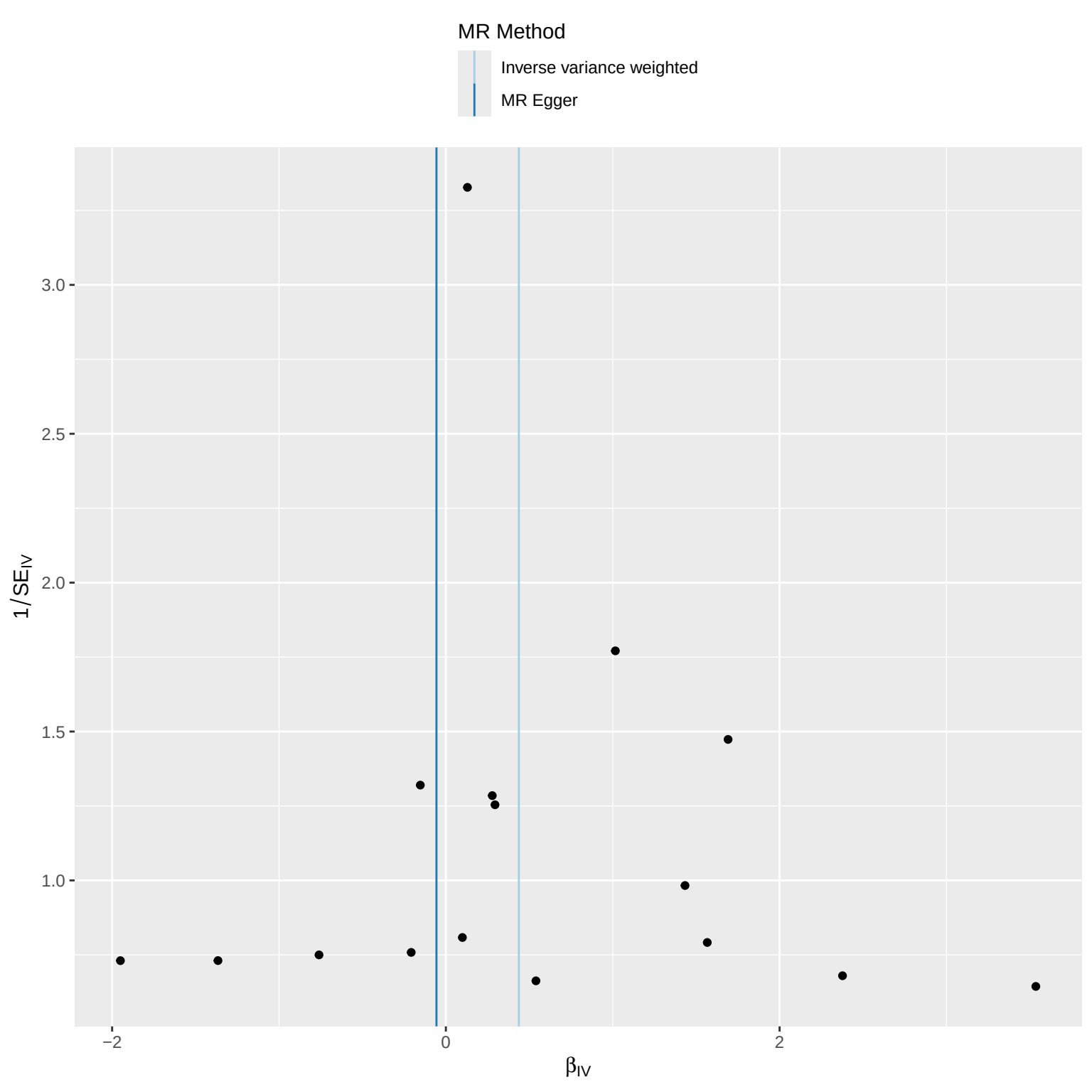

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

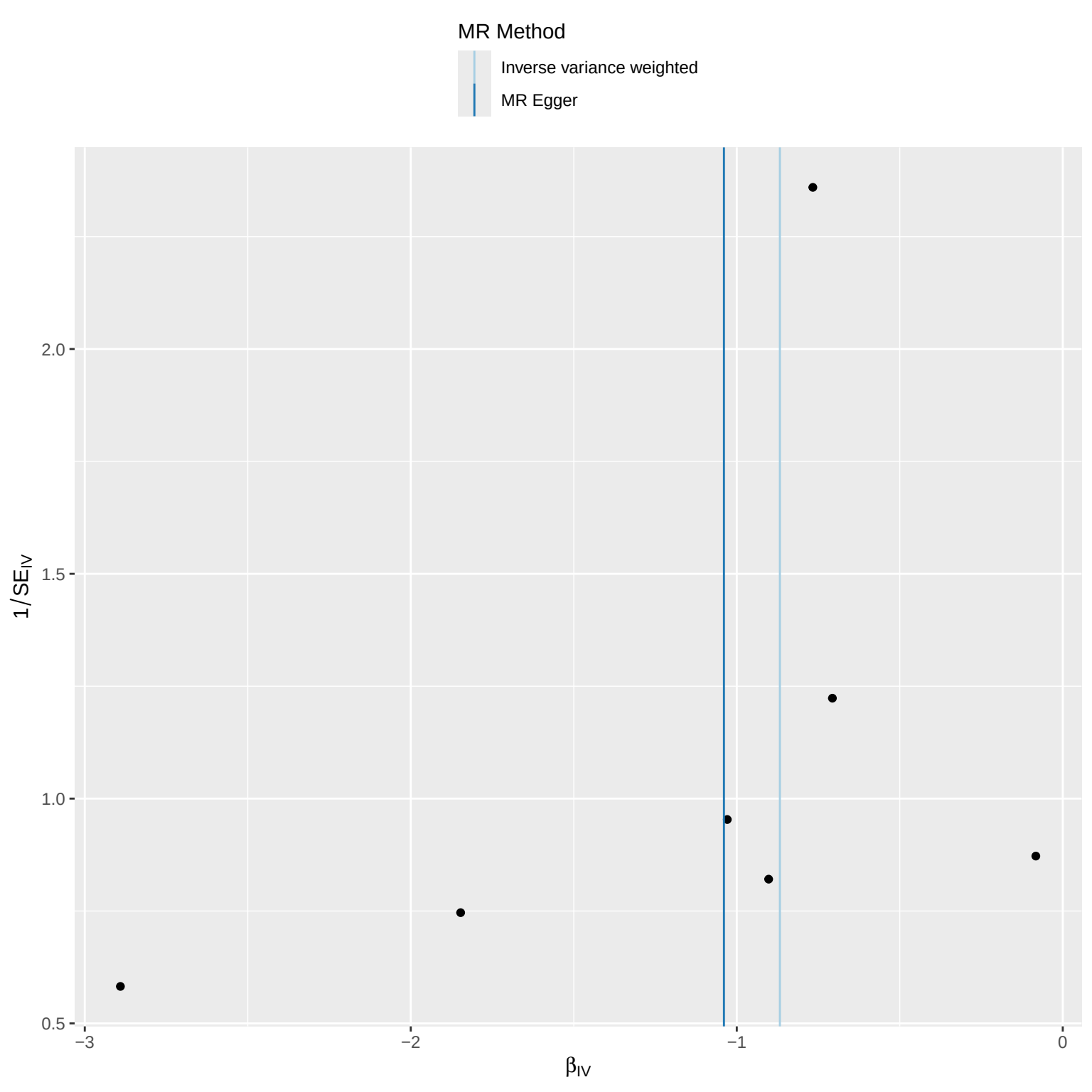

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

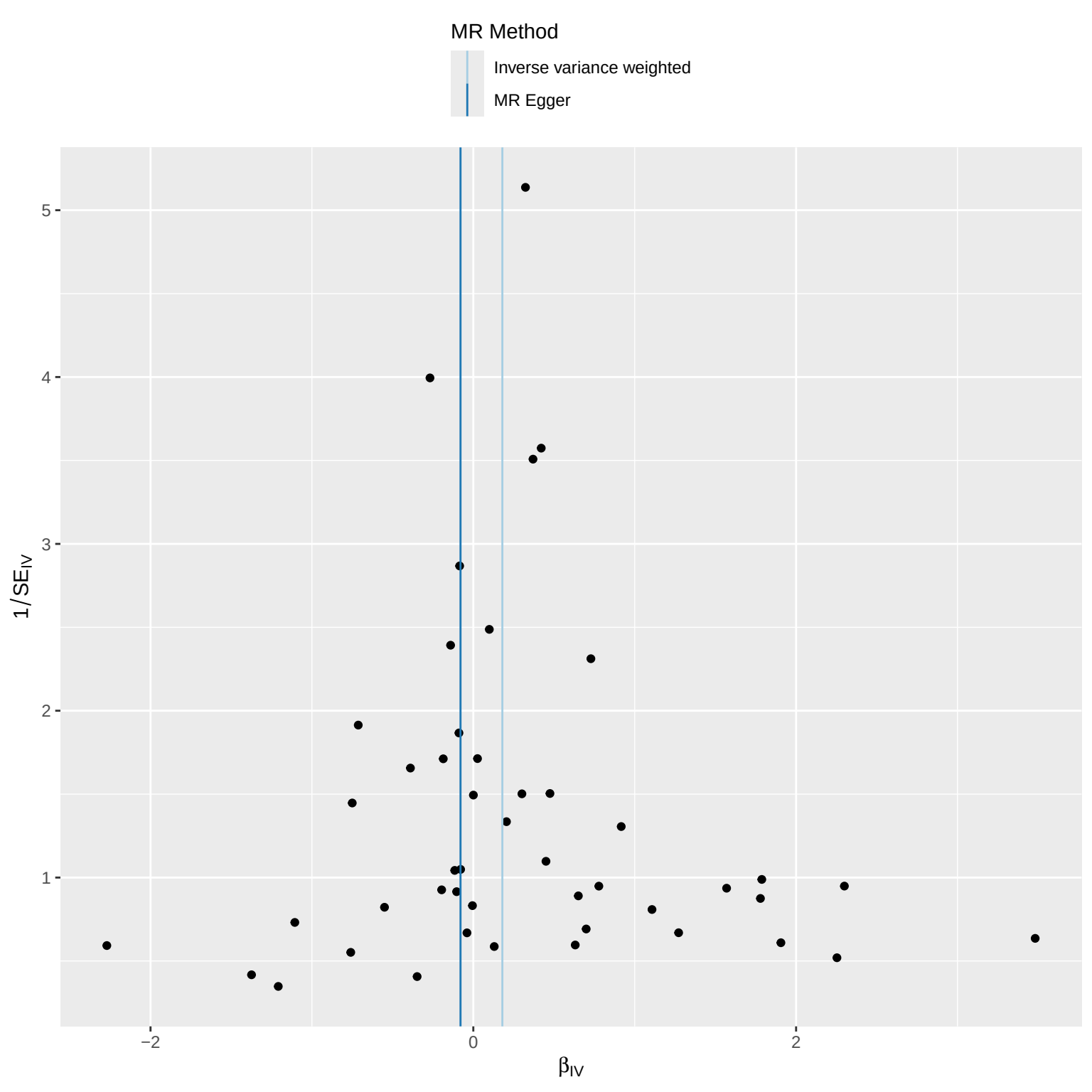

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

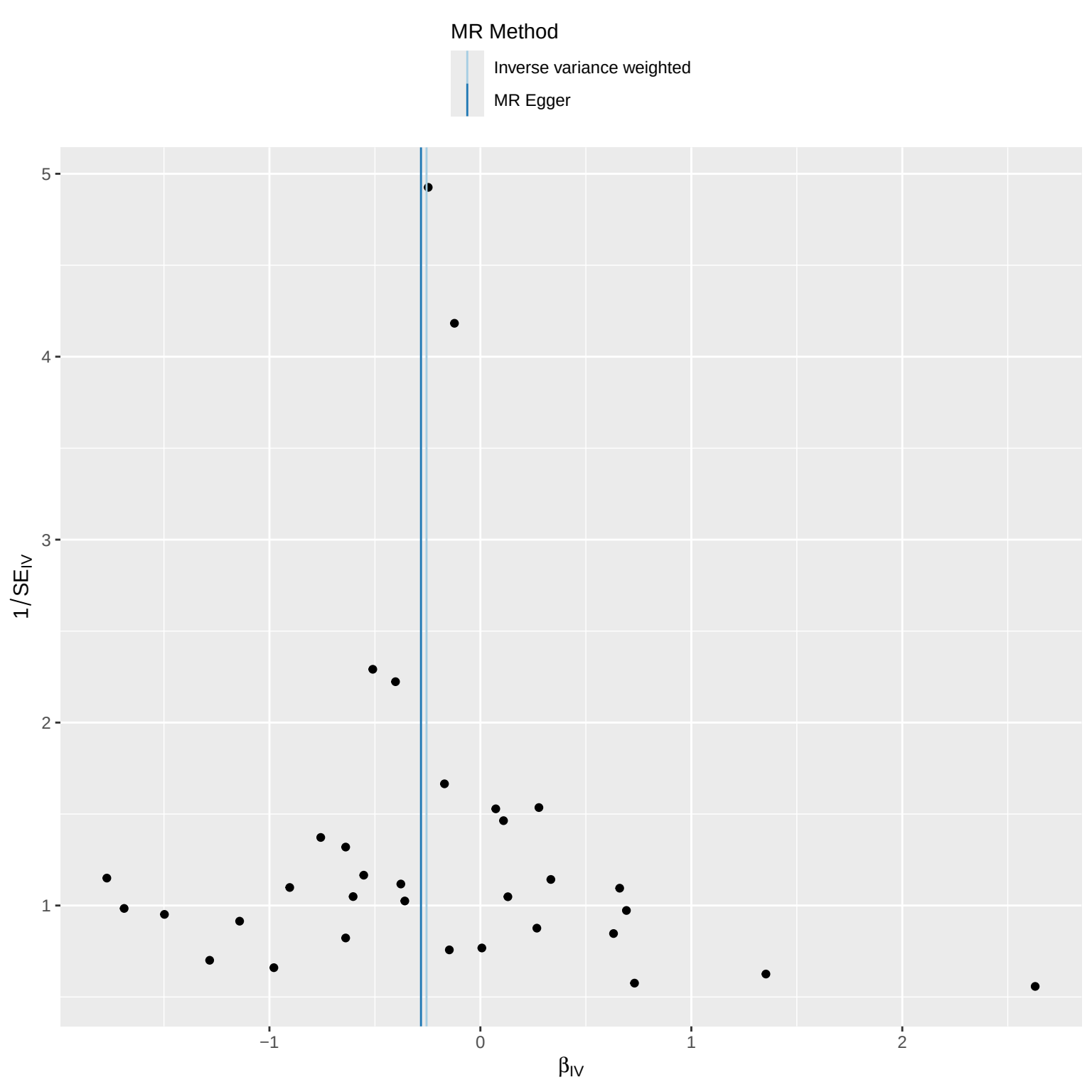

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

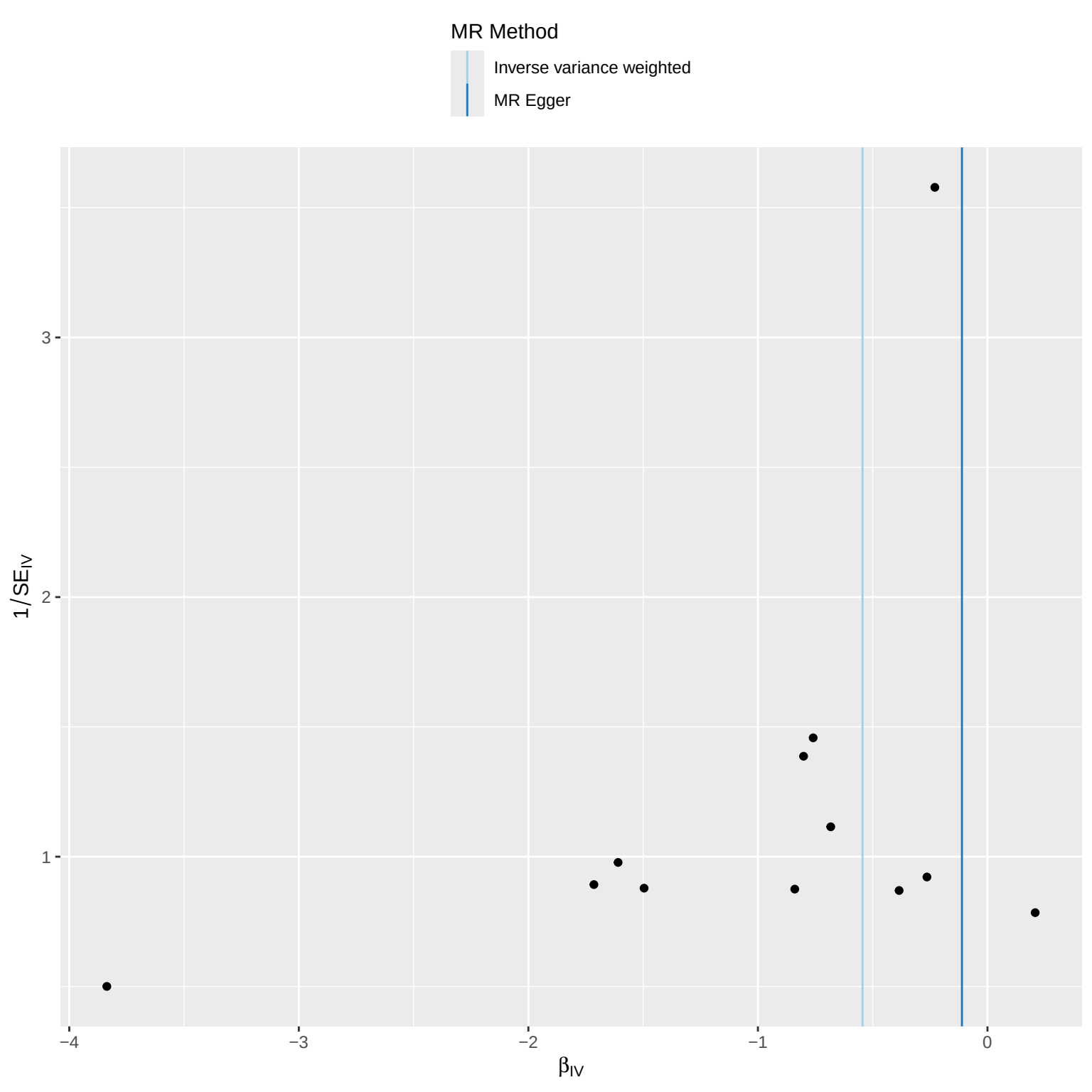

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

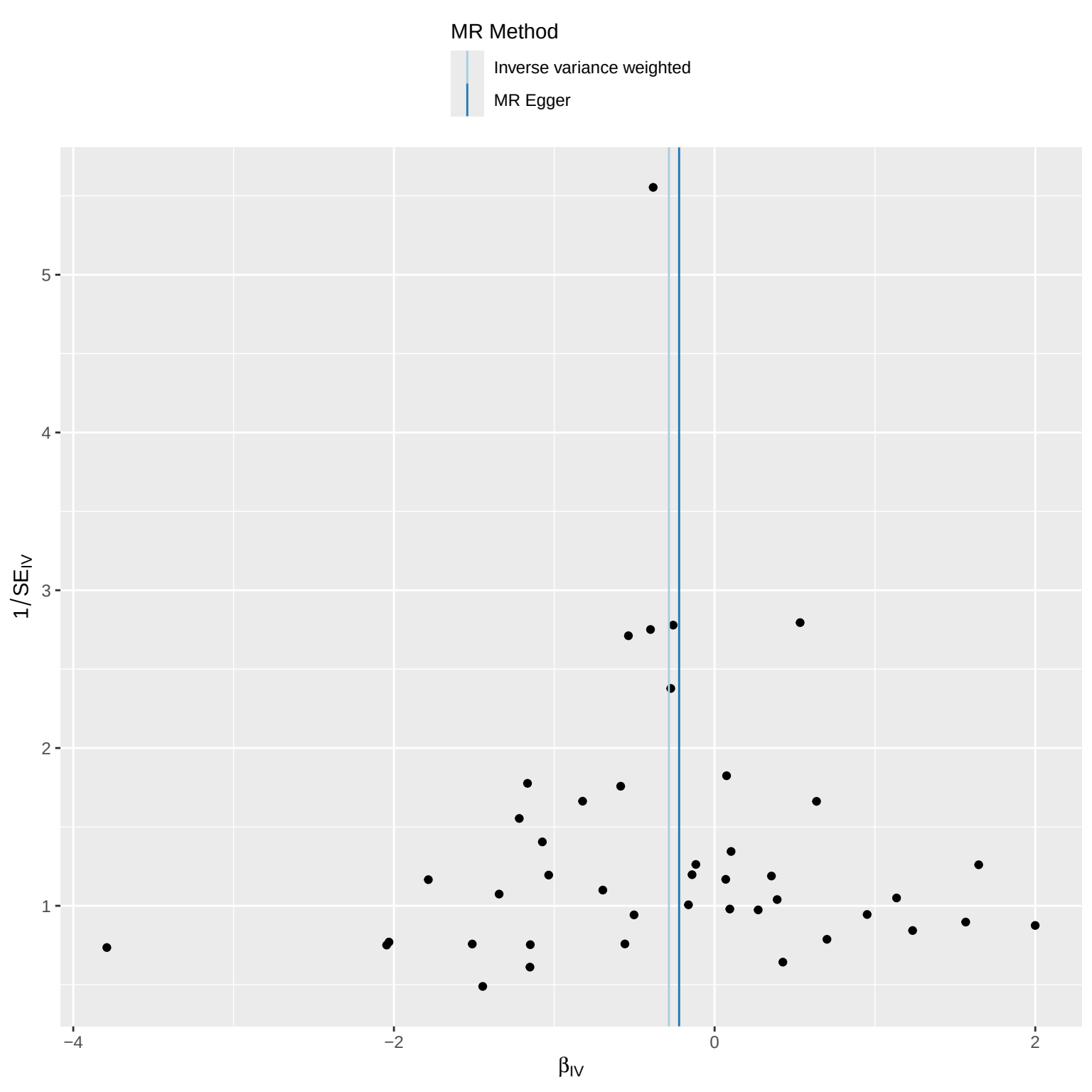

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
0
2
β_IV

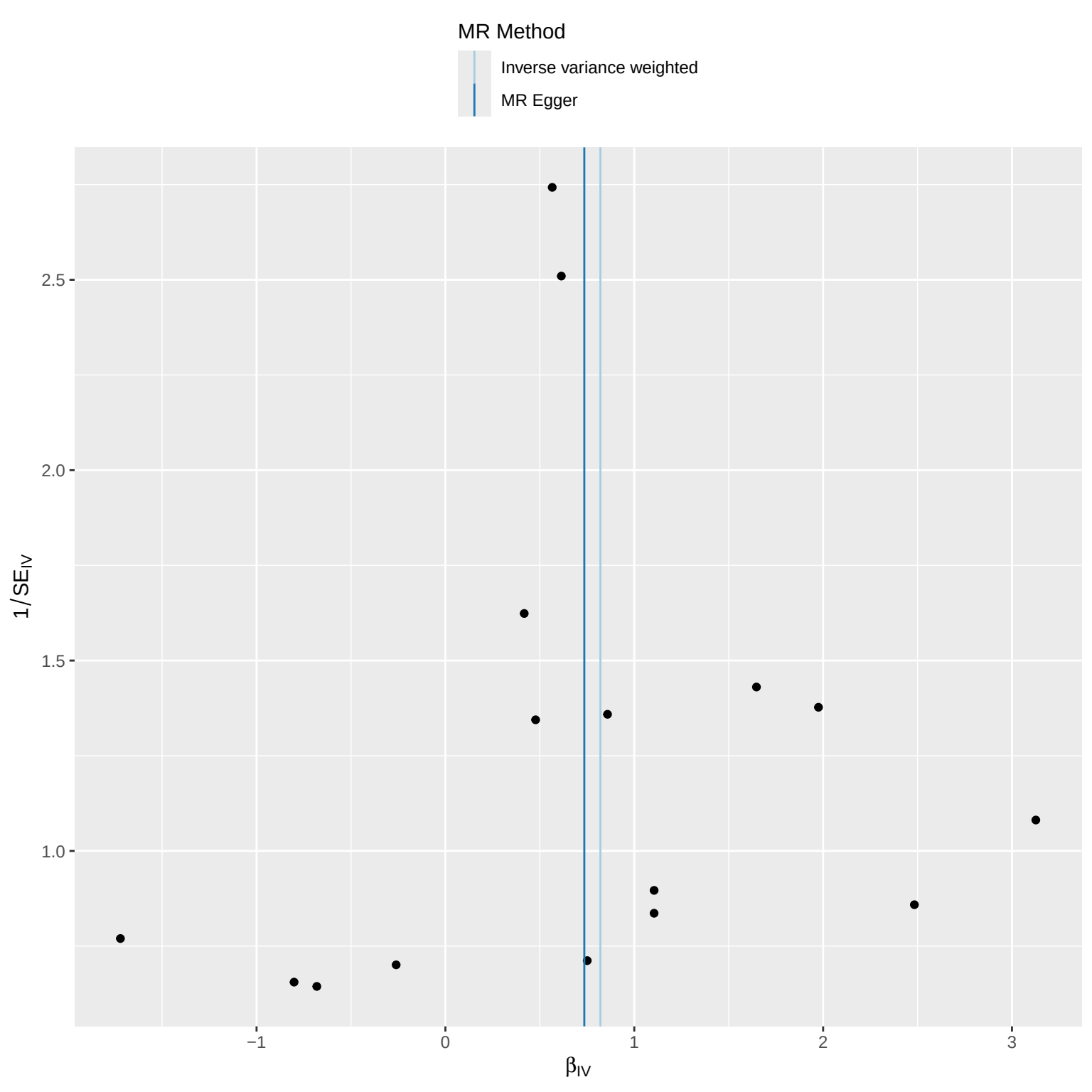

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

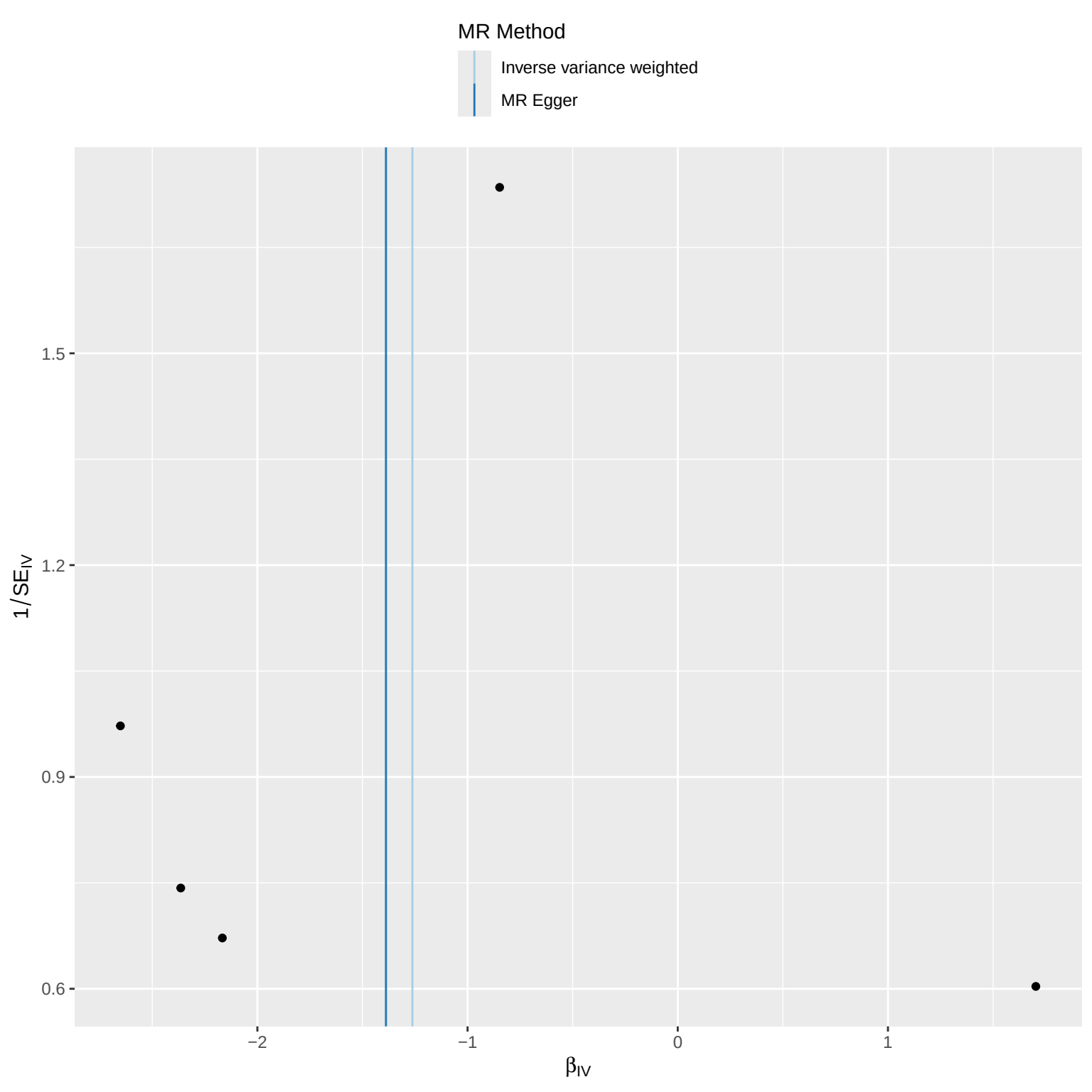

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

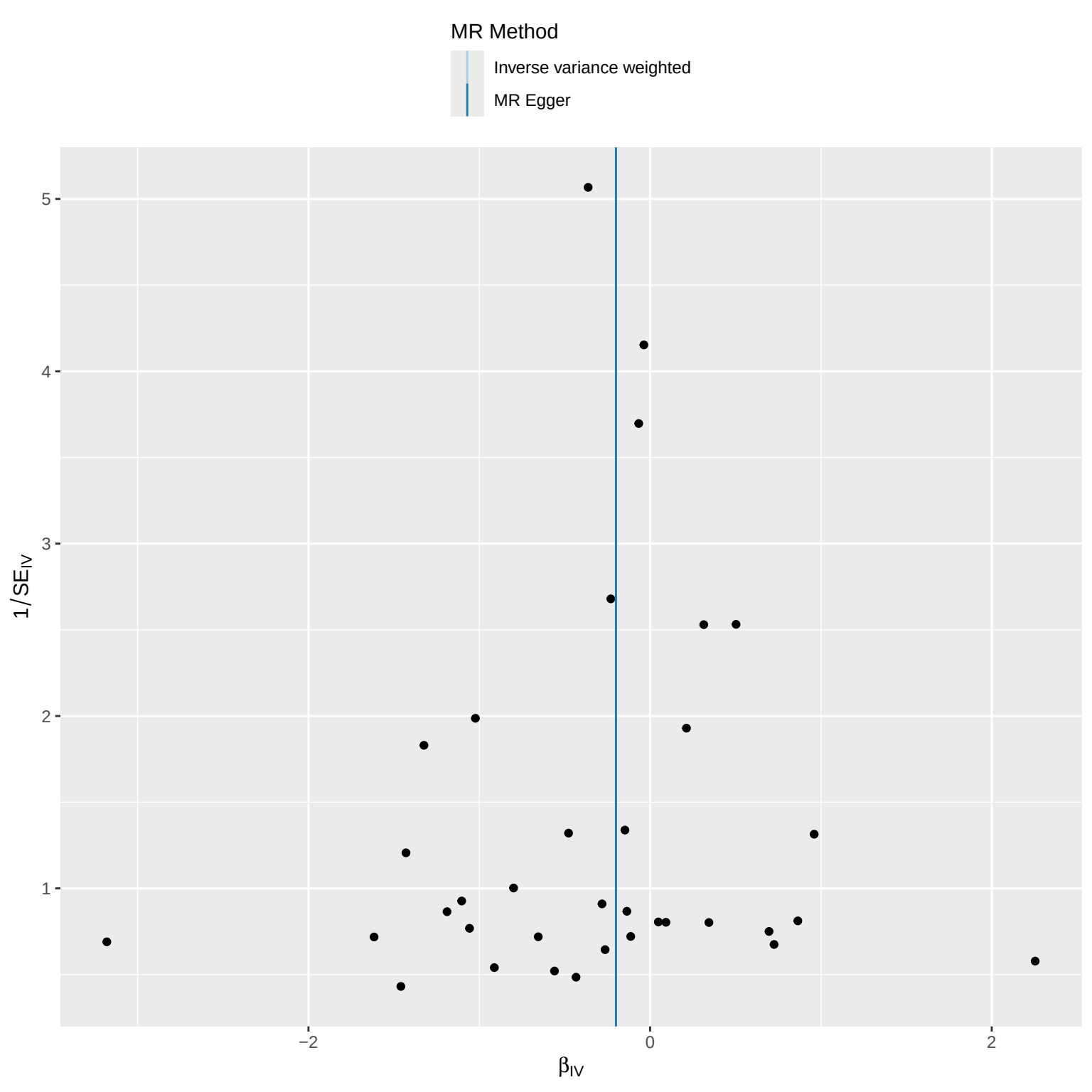

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

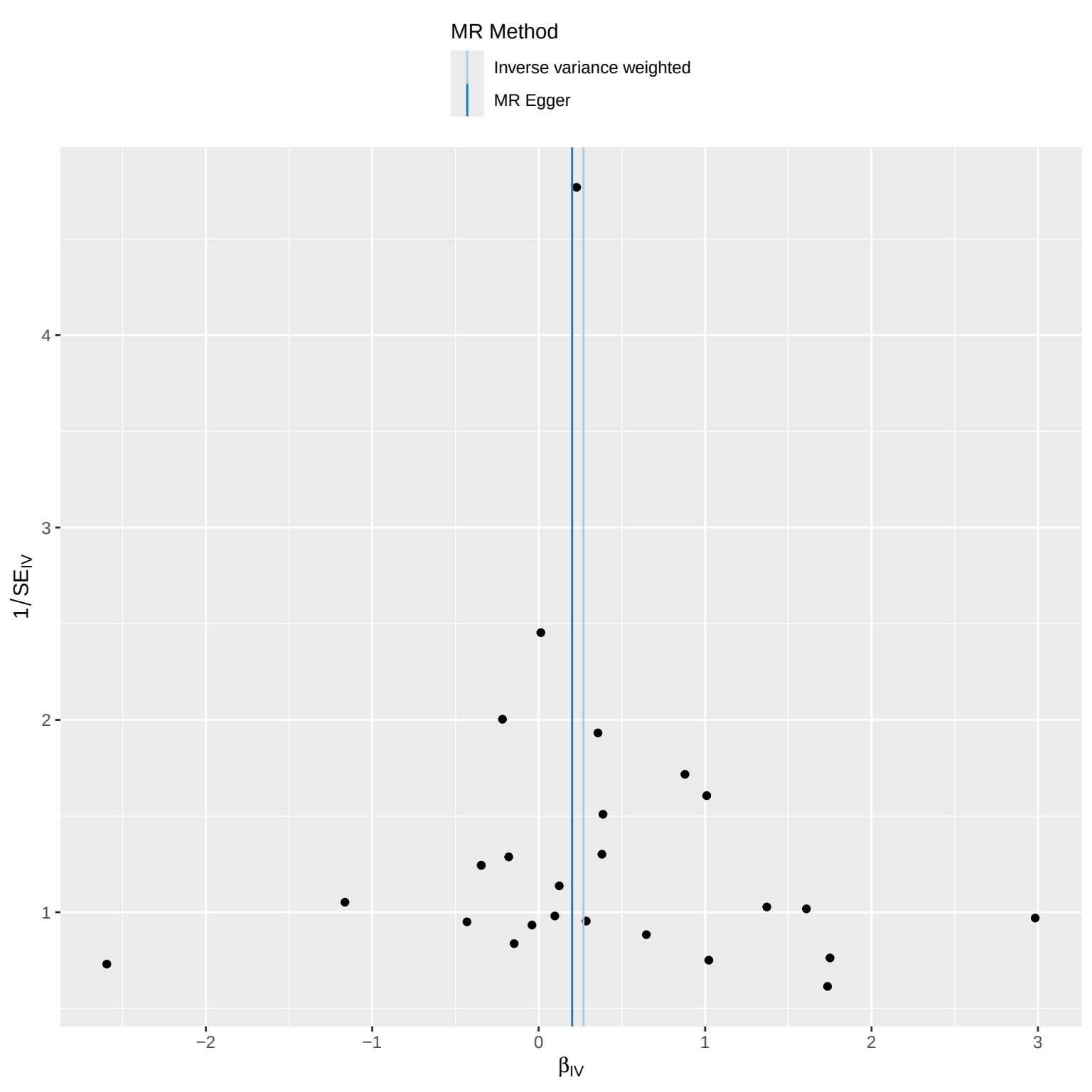

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−3
−2
−1
0
β_IV

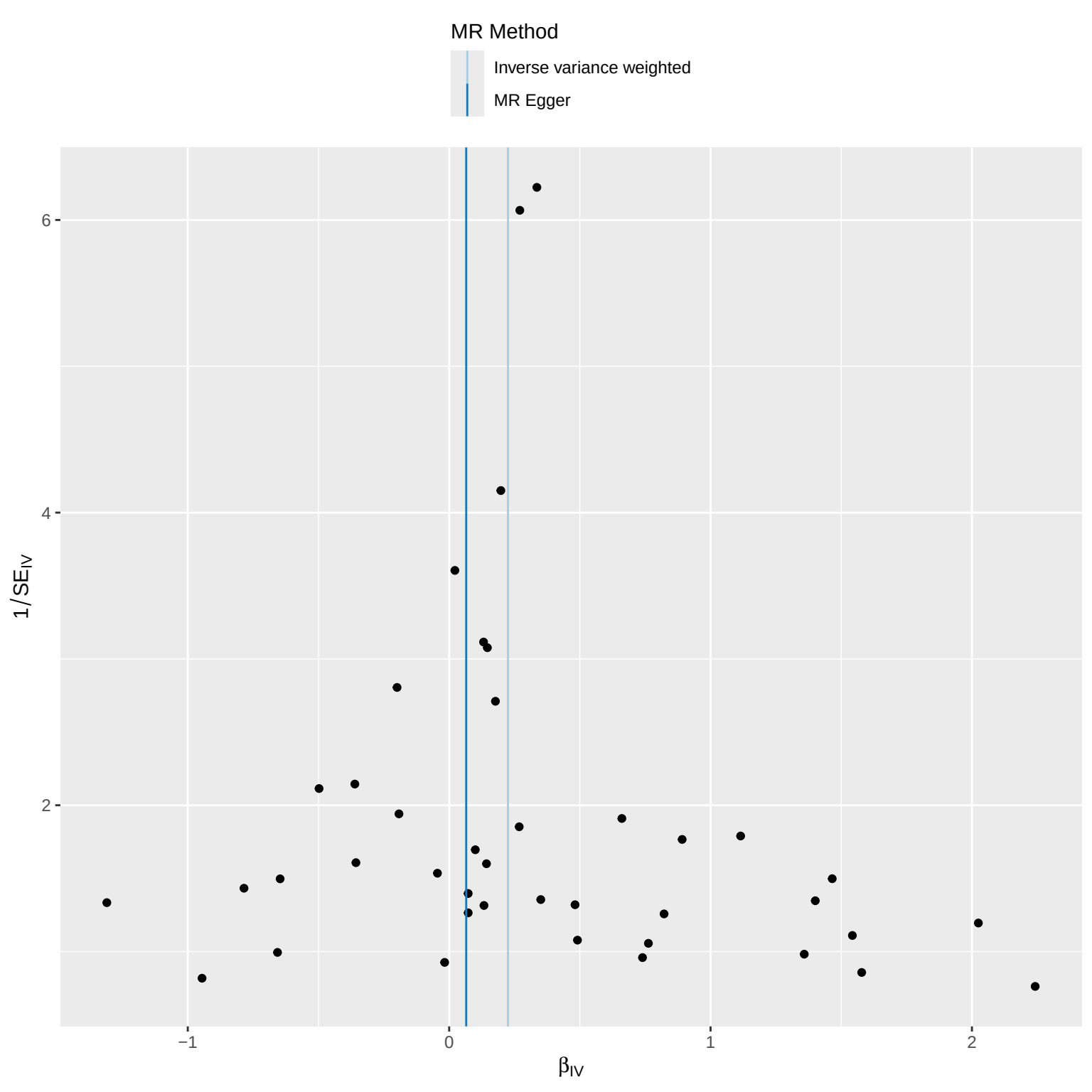

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

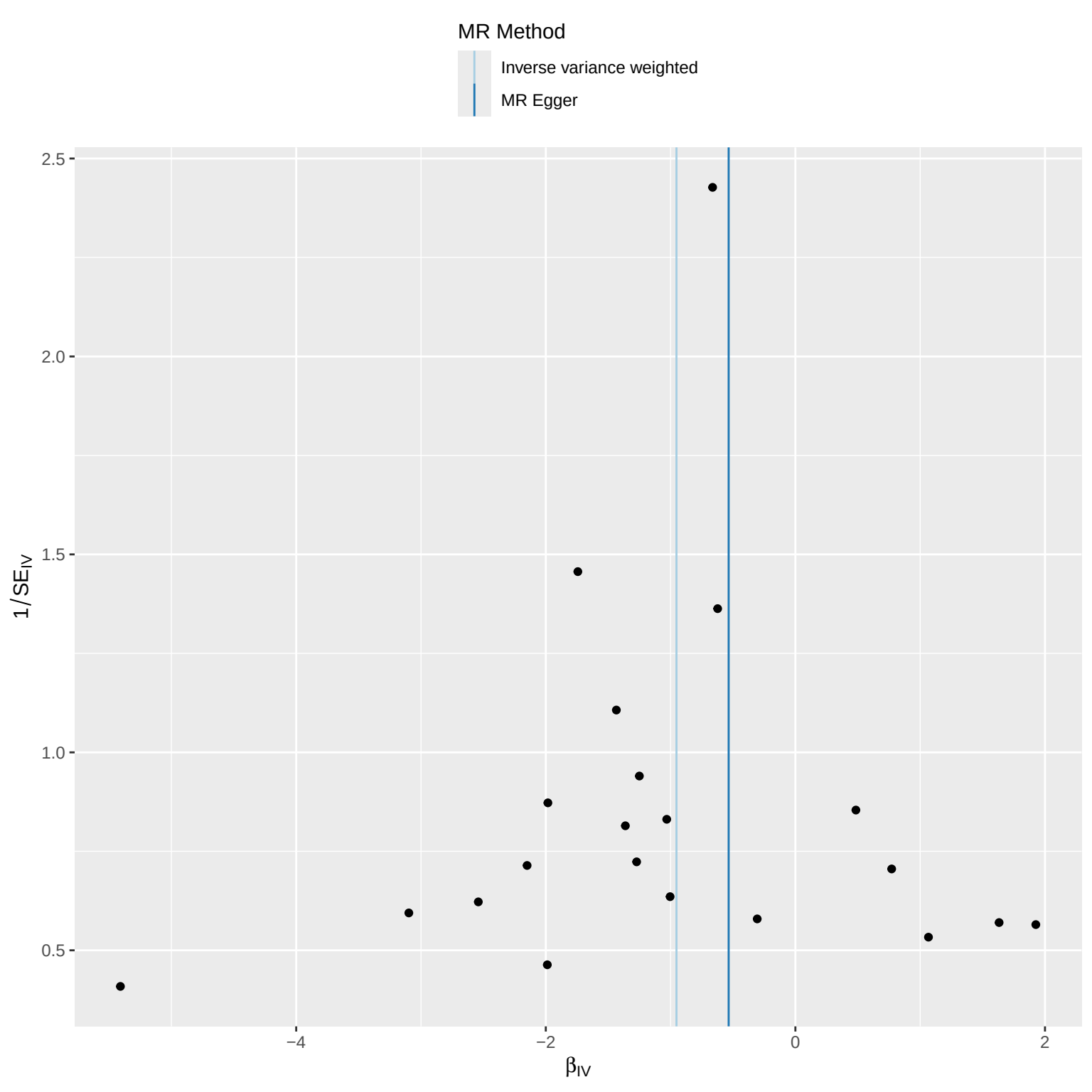

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
3
β_IV

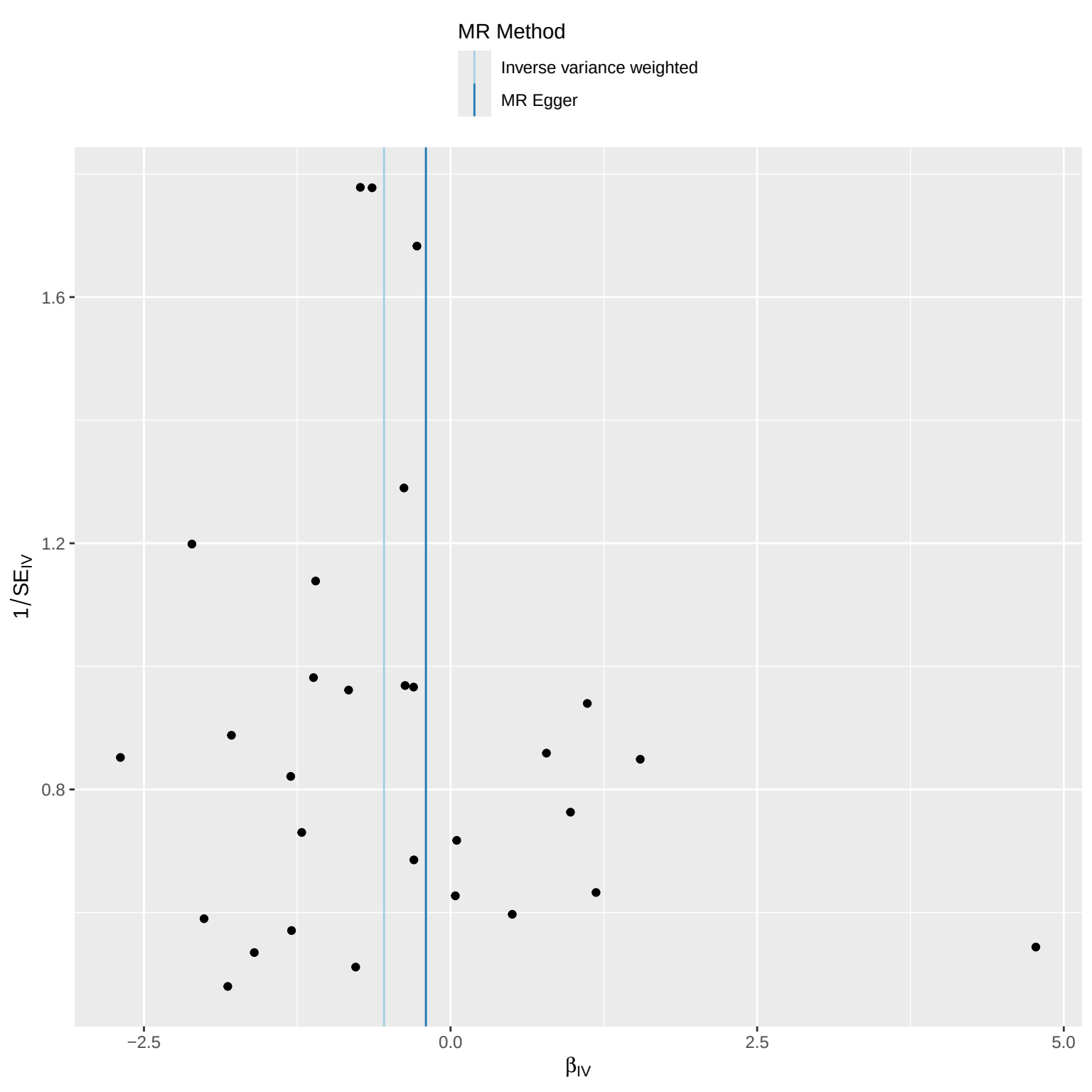

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
β_IV

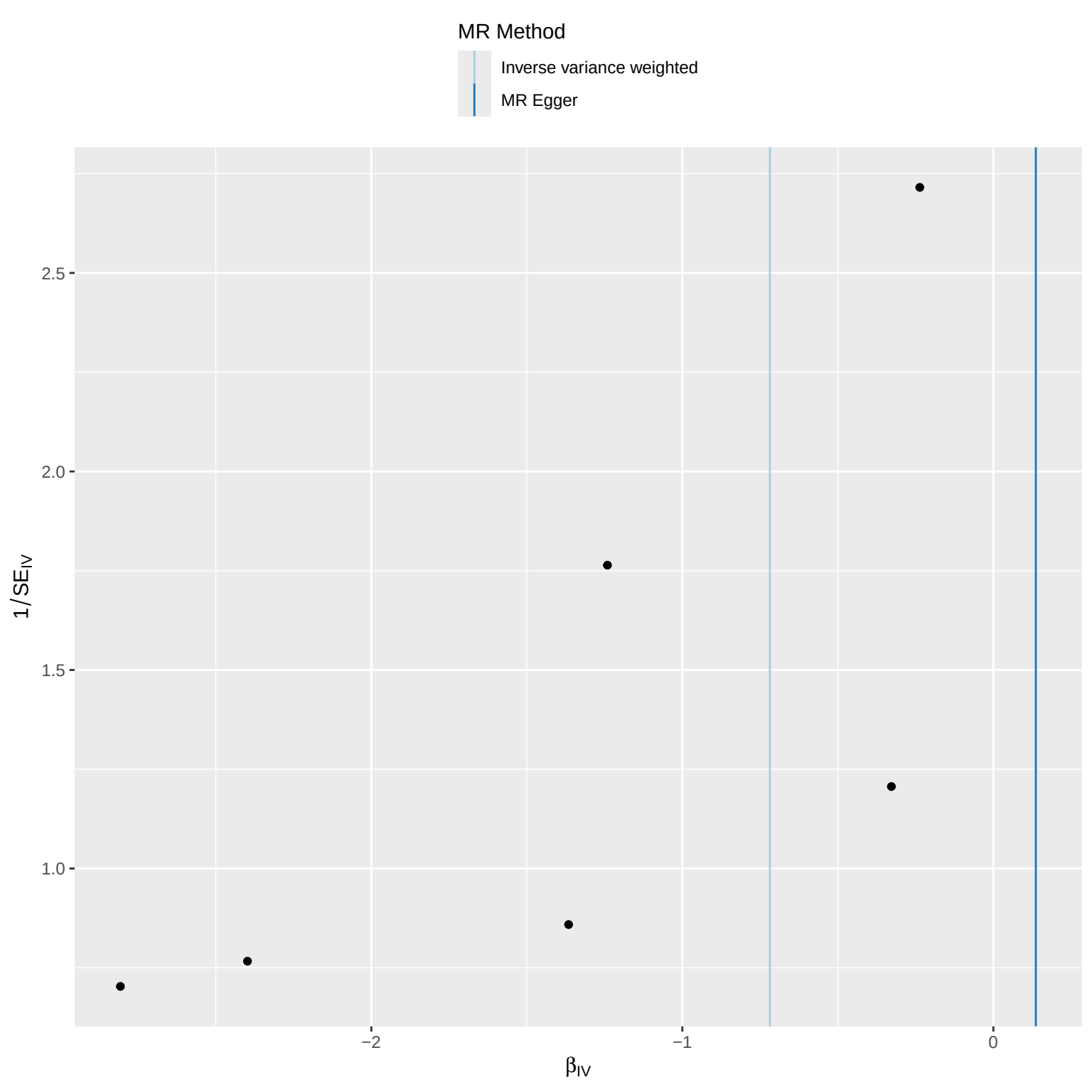

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

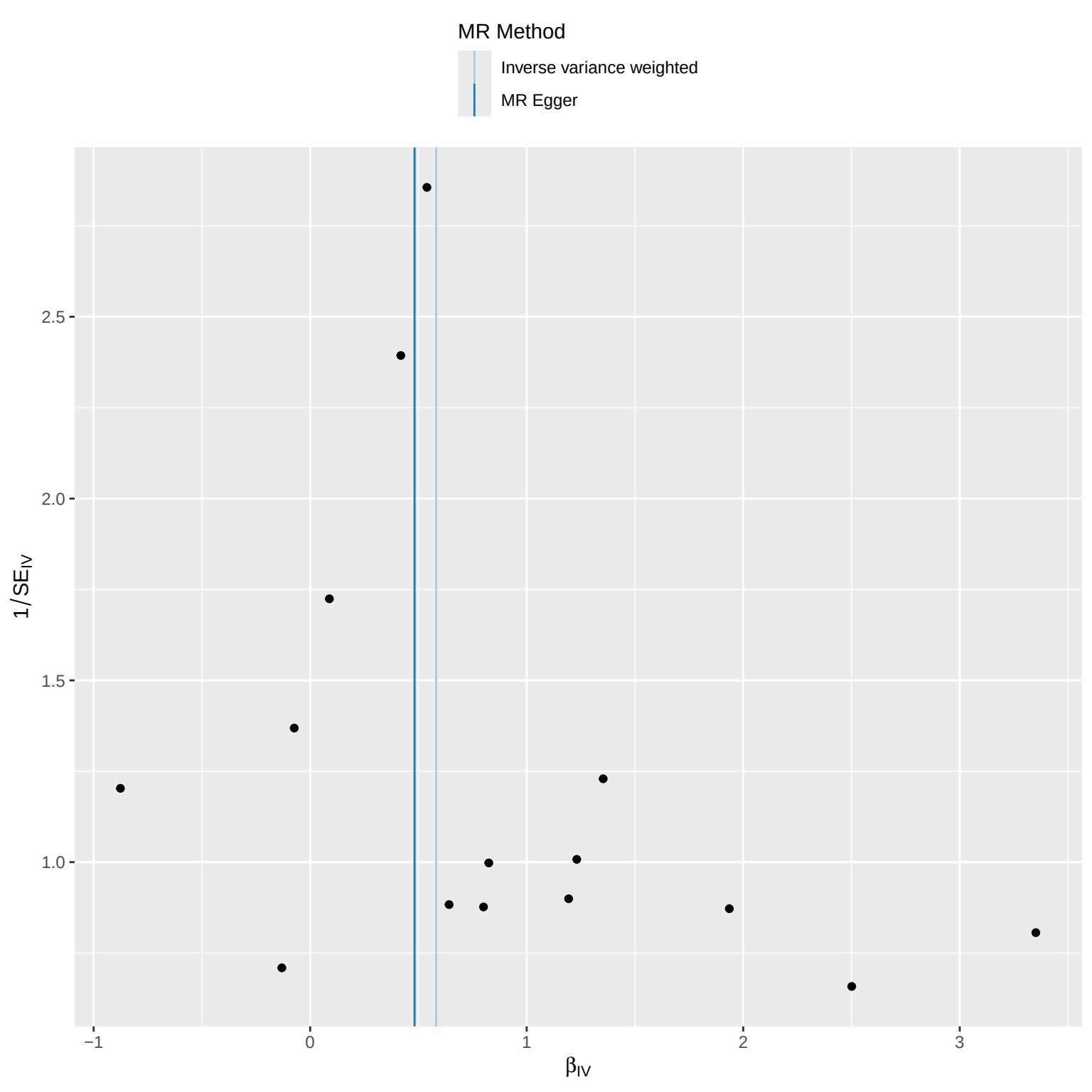

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

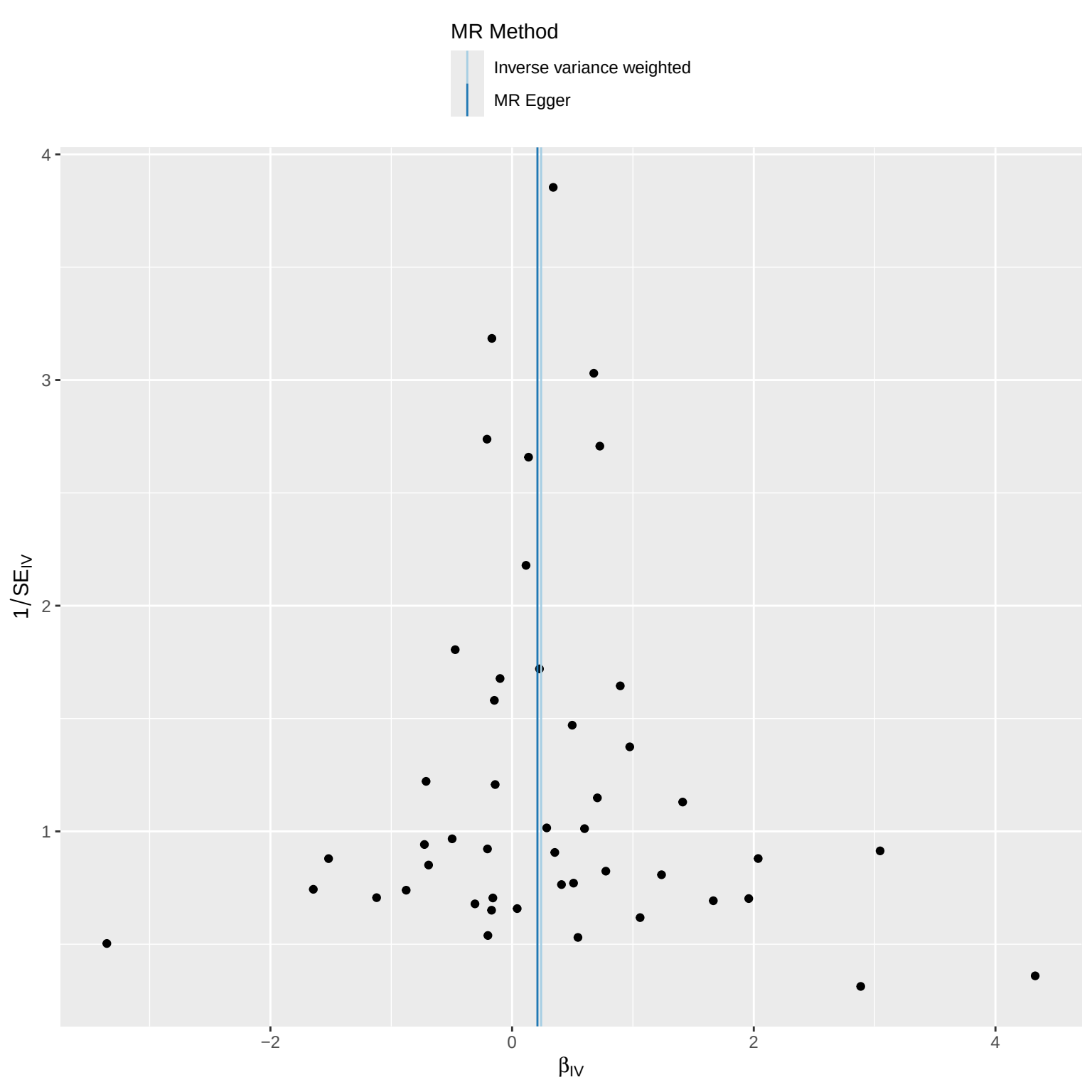

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

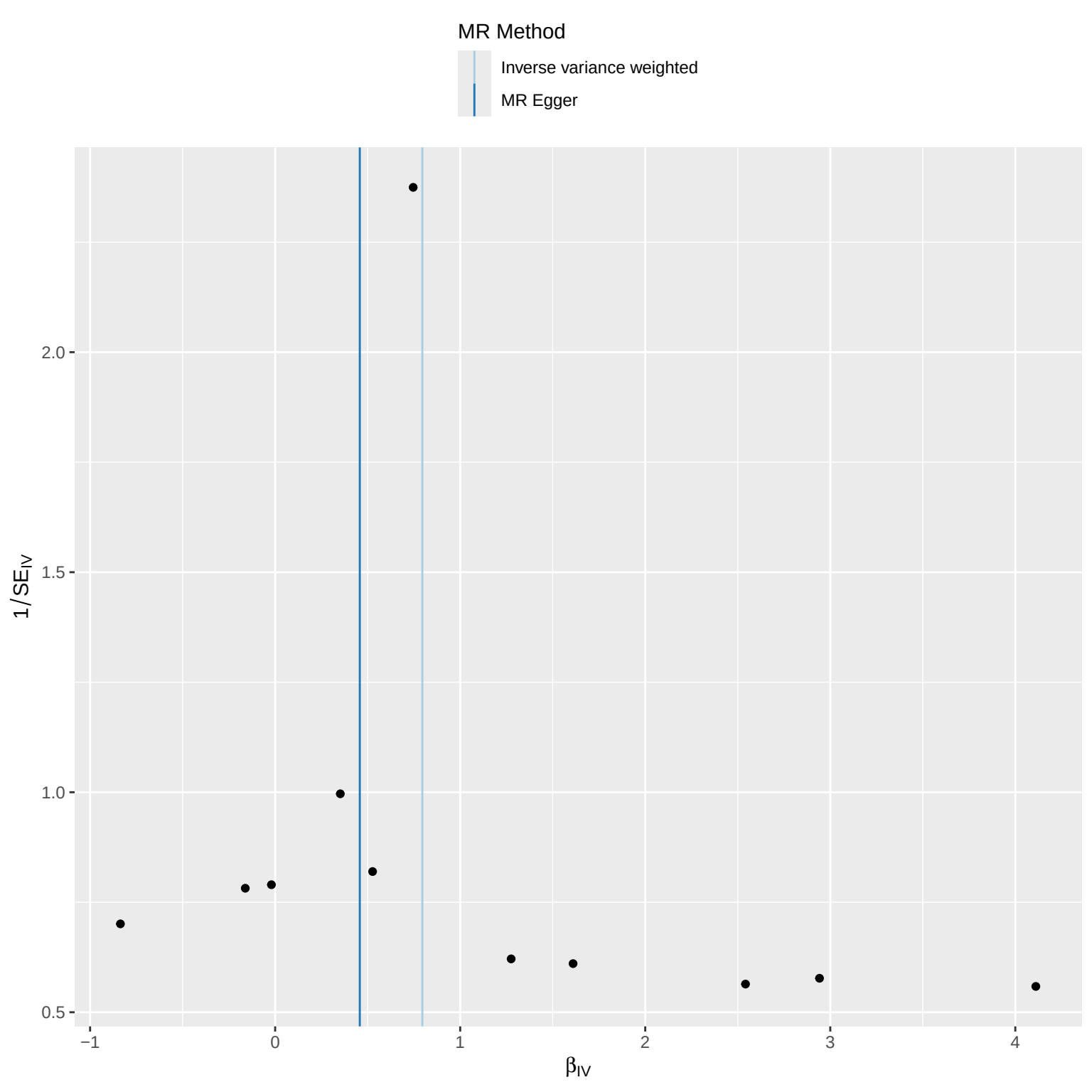

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

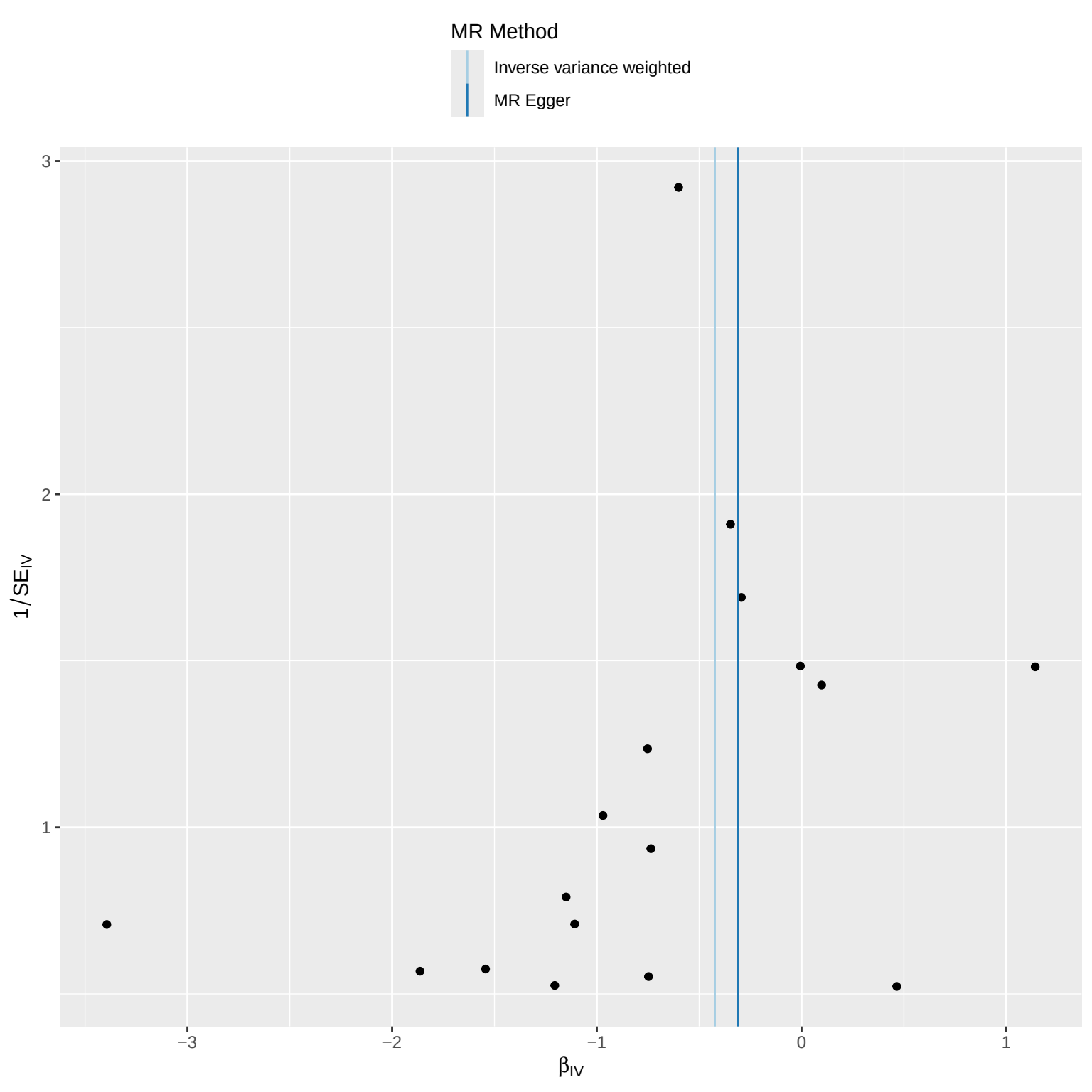

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

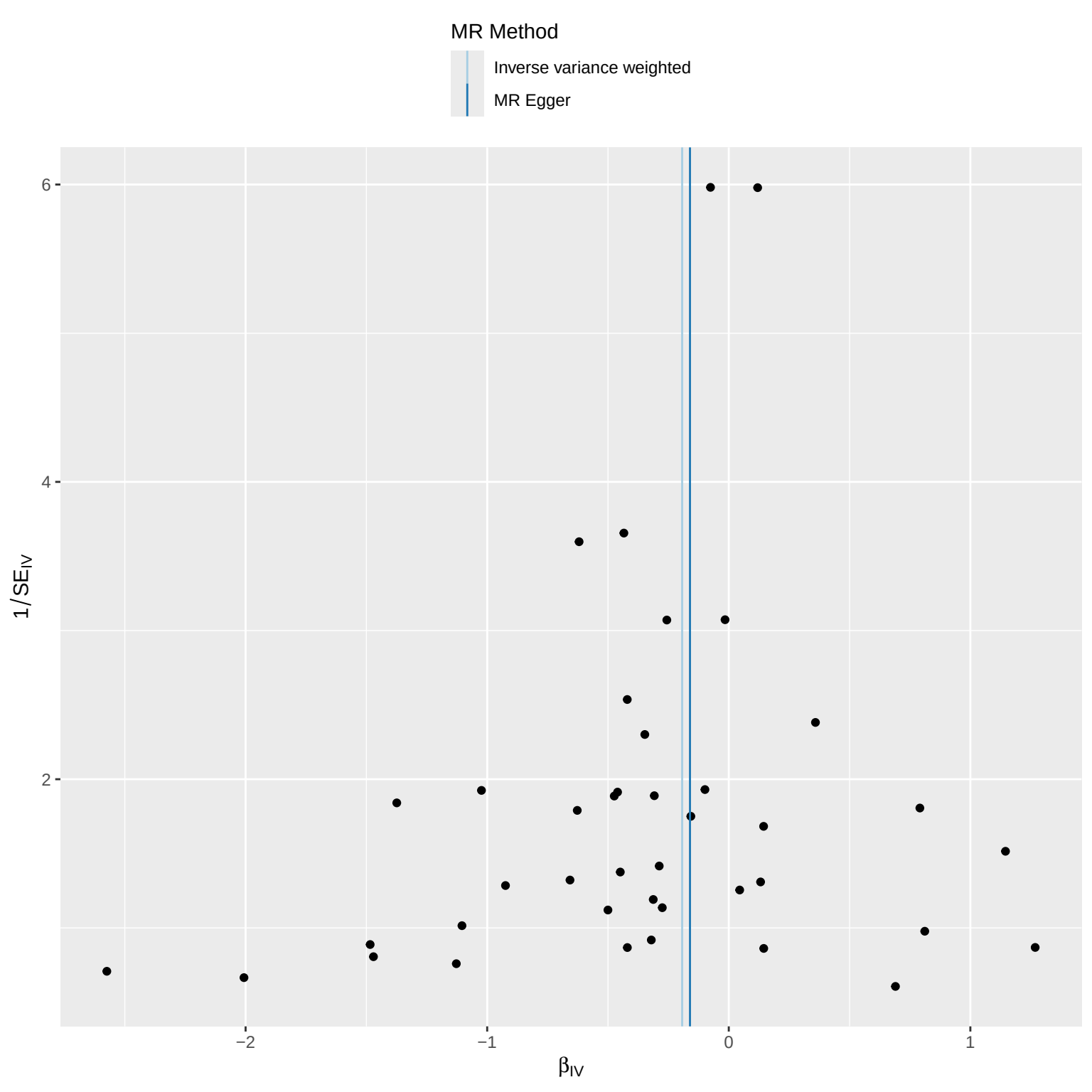

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

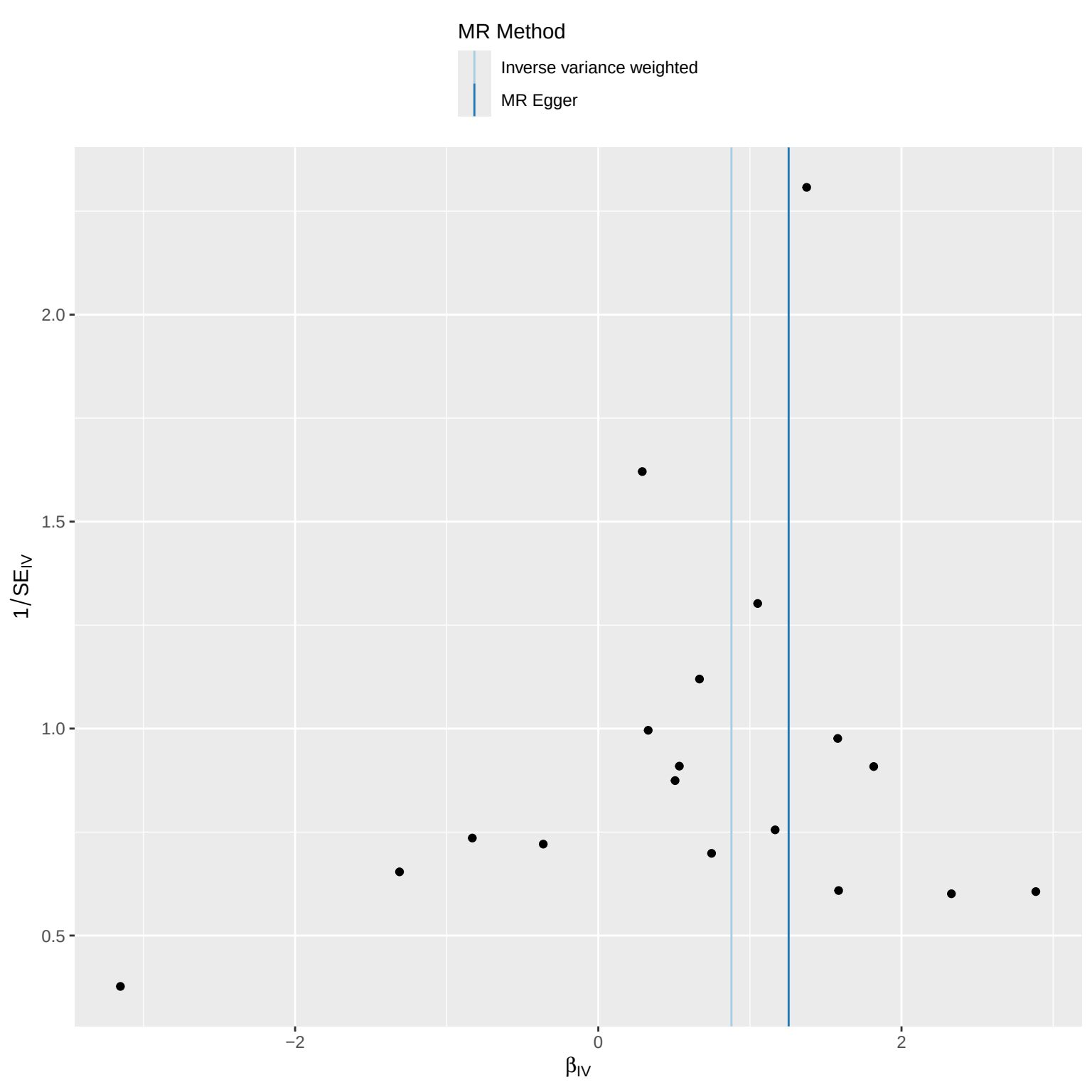

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
3
β_IV

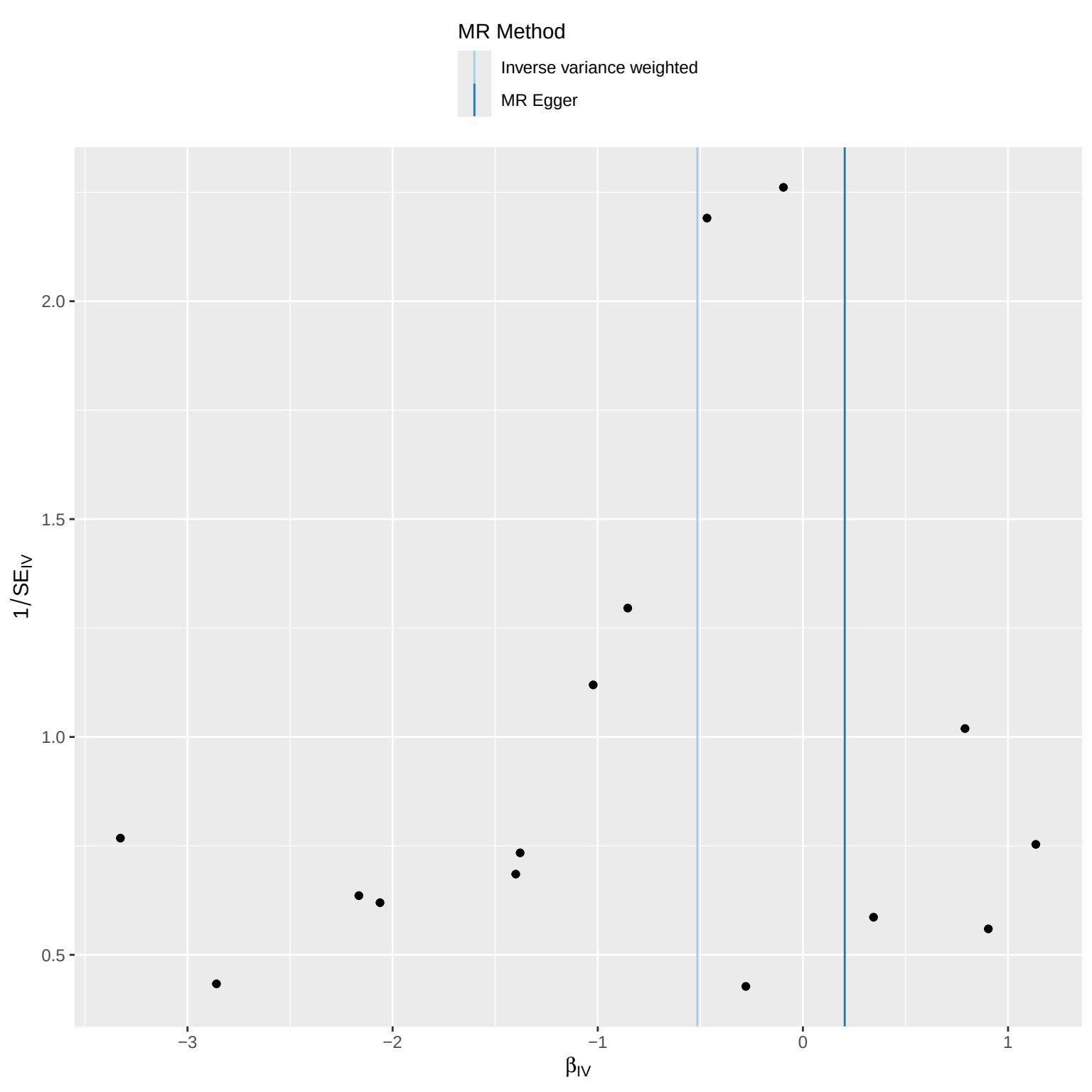

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

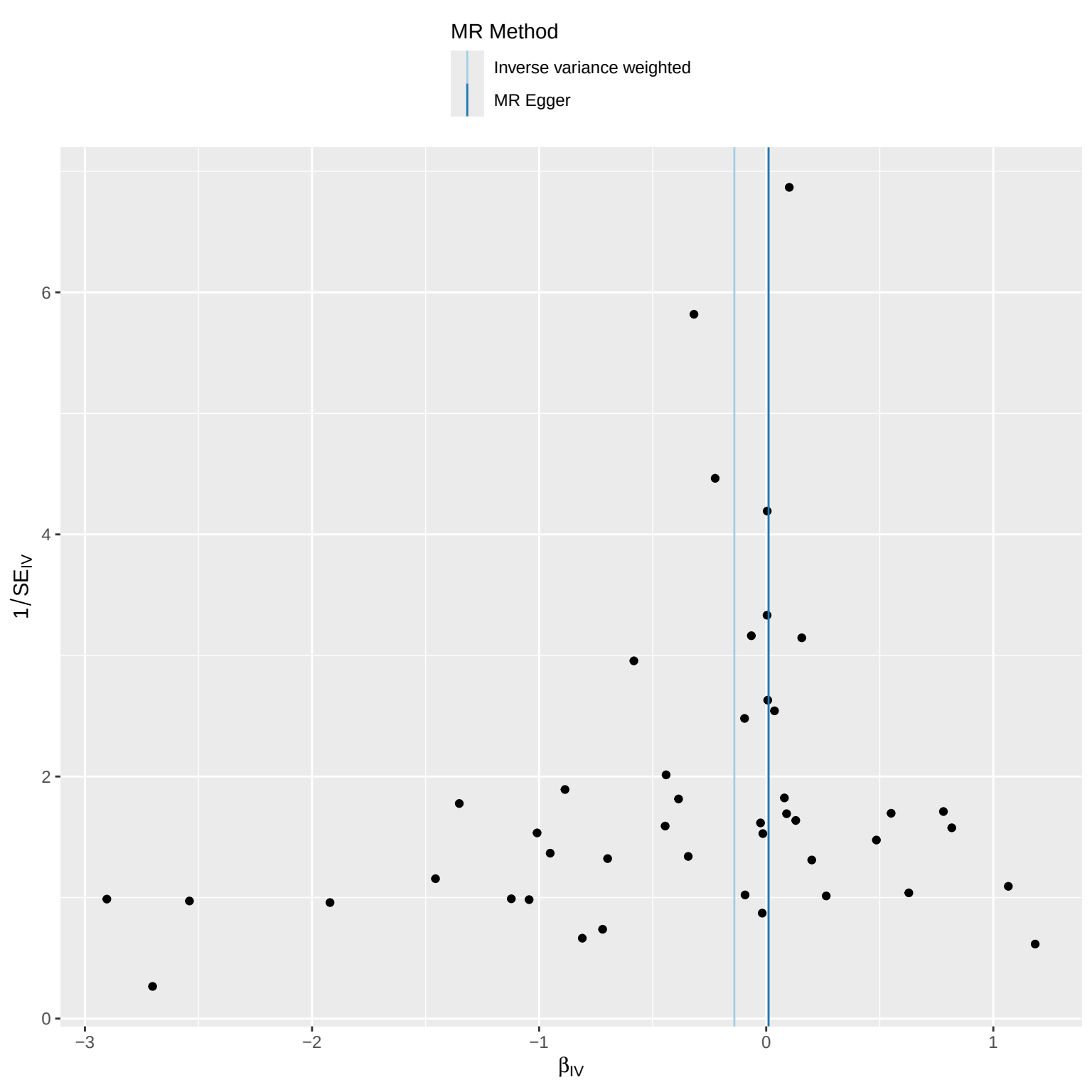

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
4
β_IV

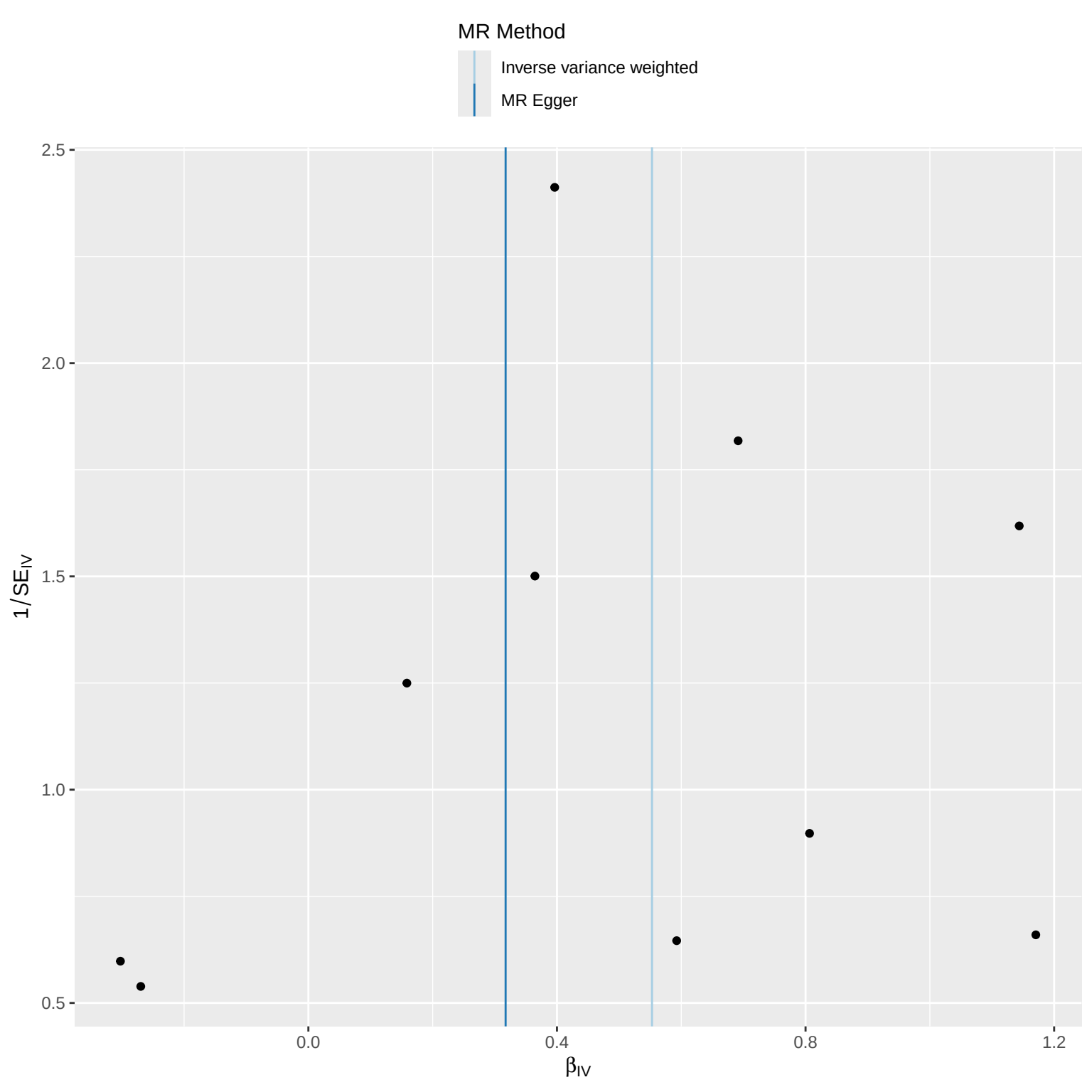

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

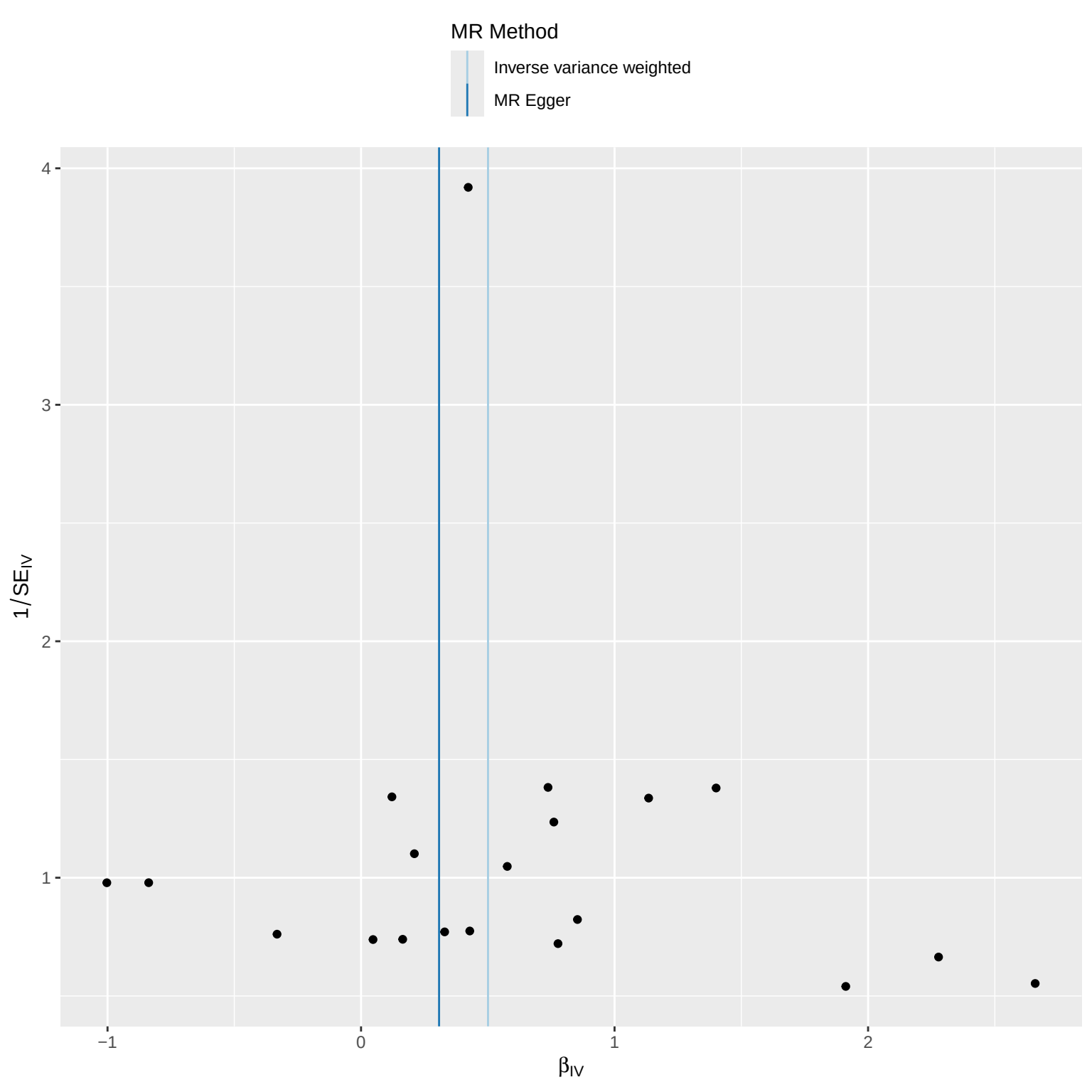

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

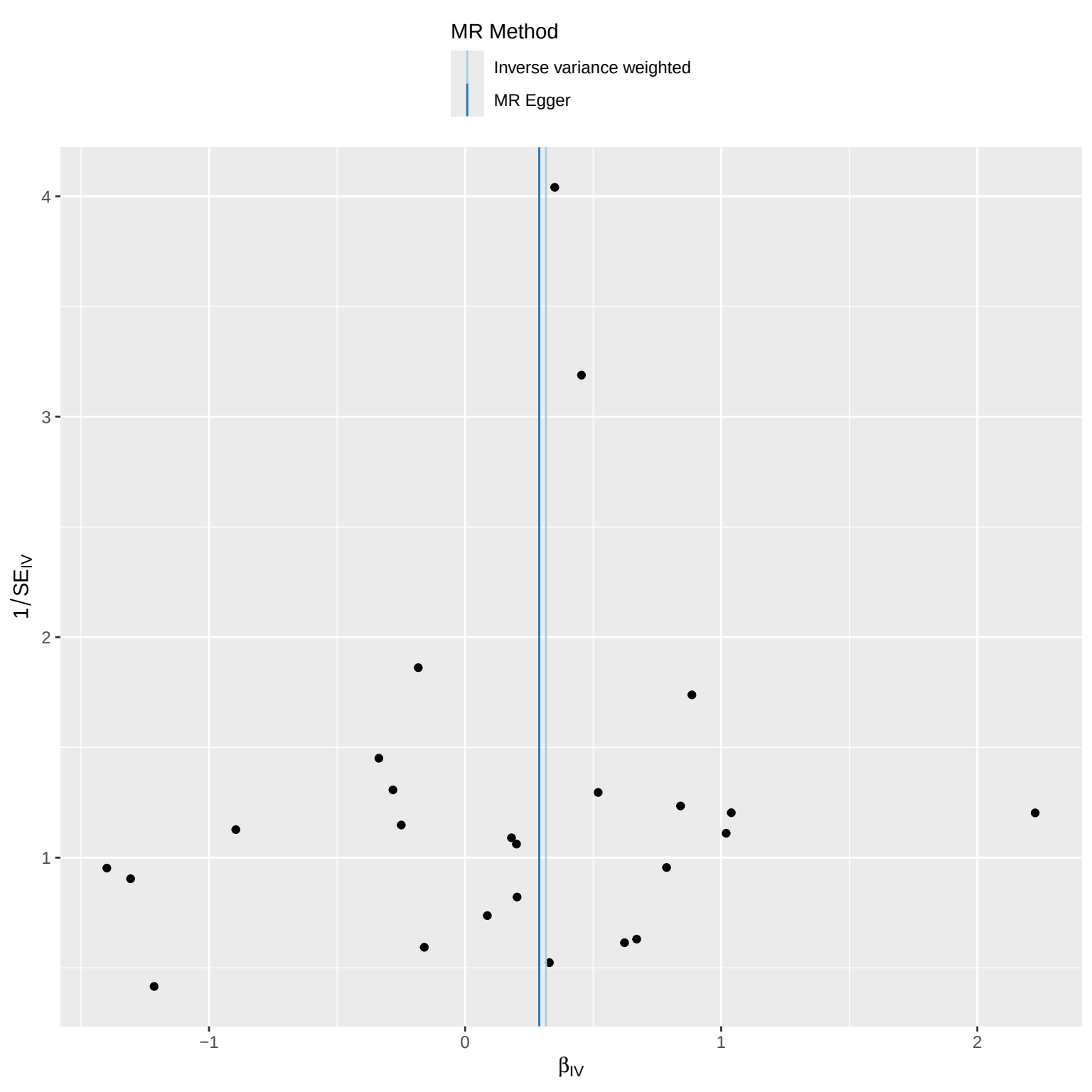

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

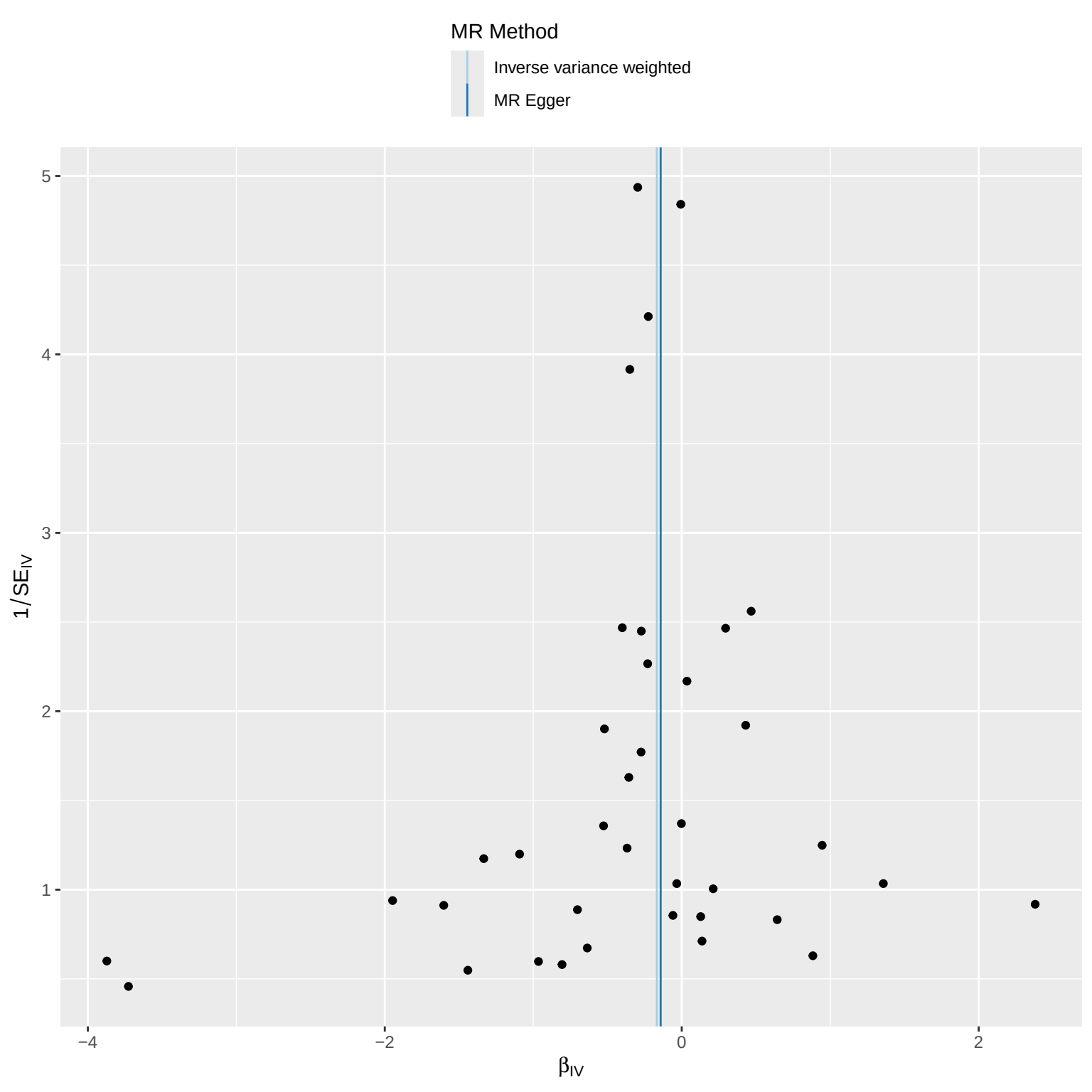

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

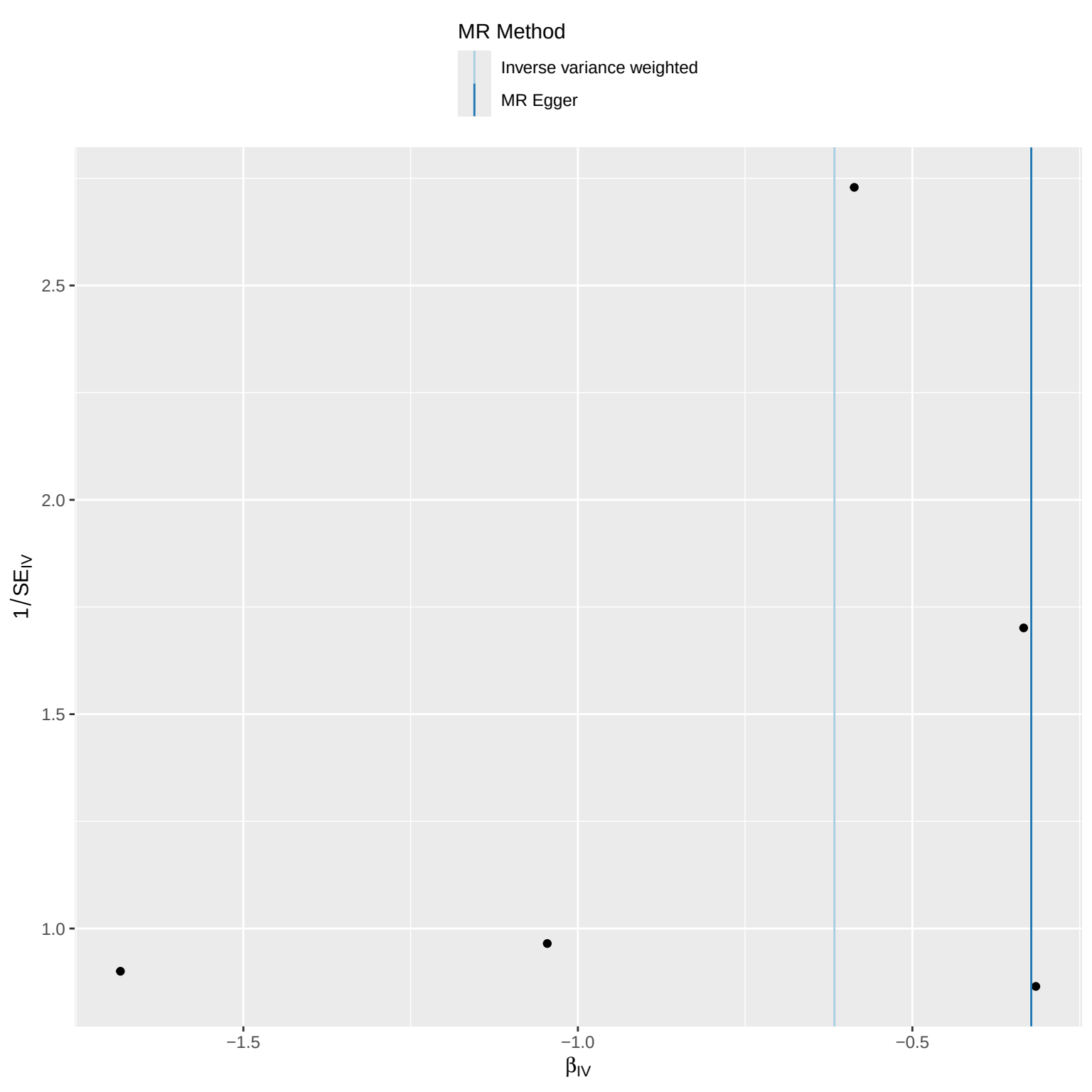

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−3
−2
−1
0
1
β_IV

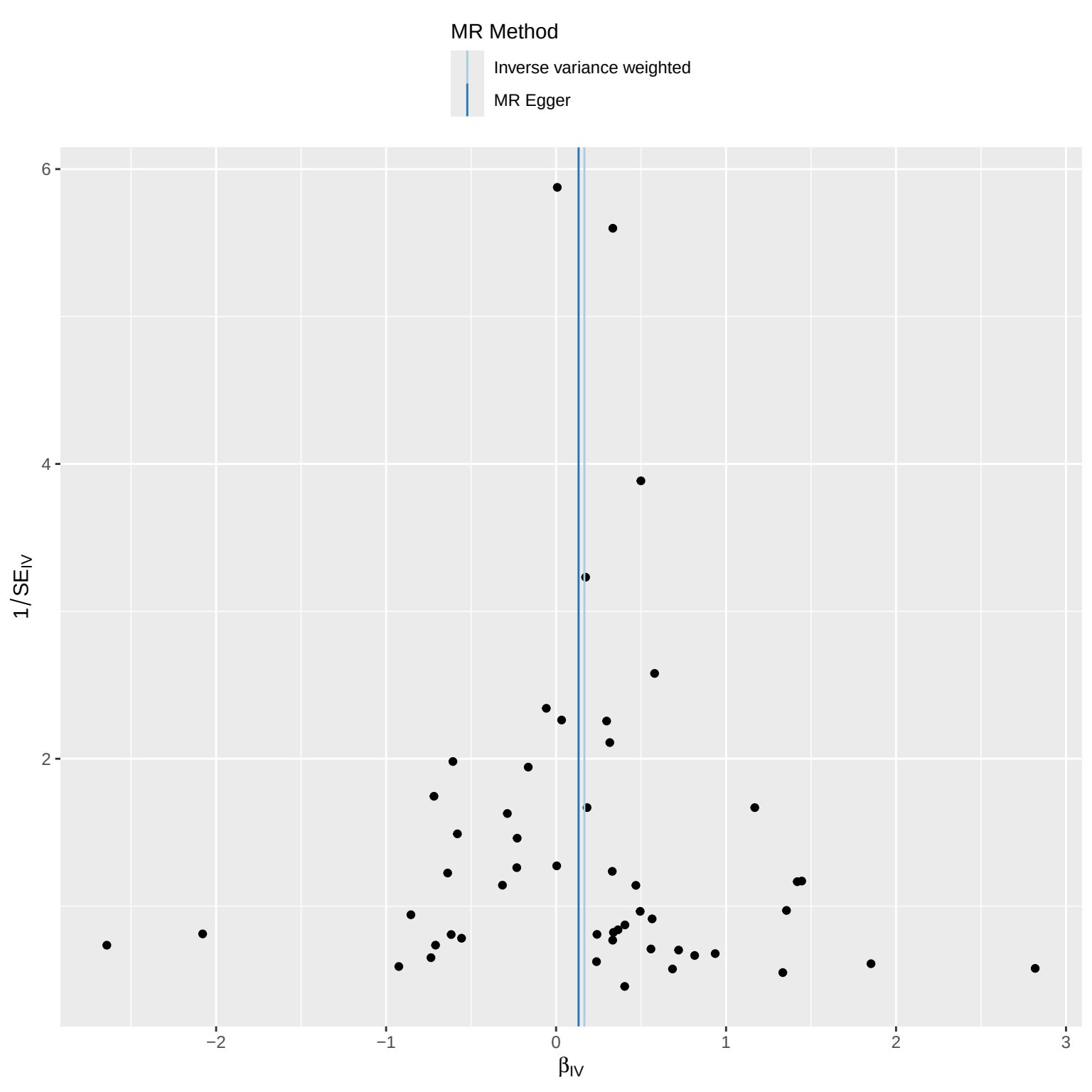

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

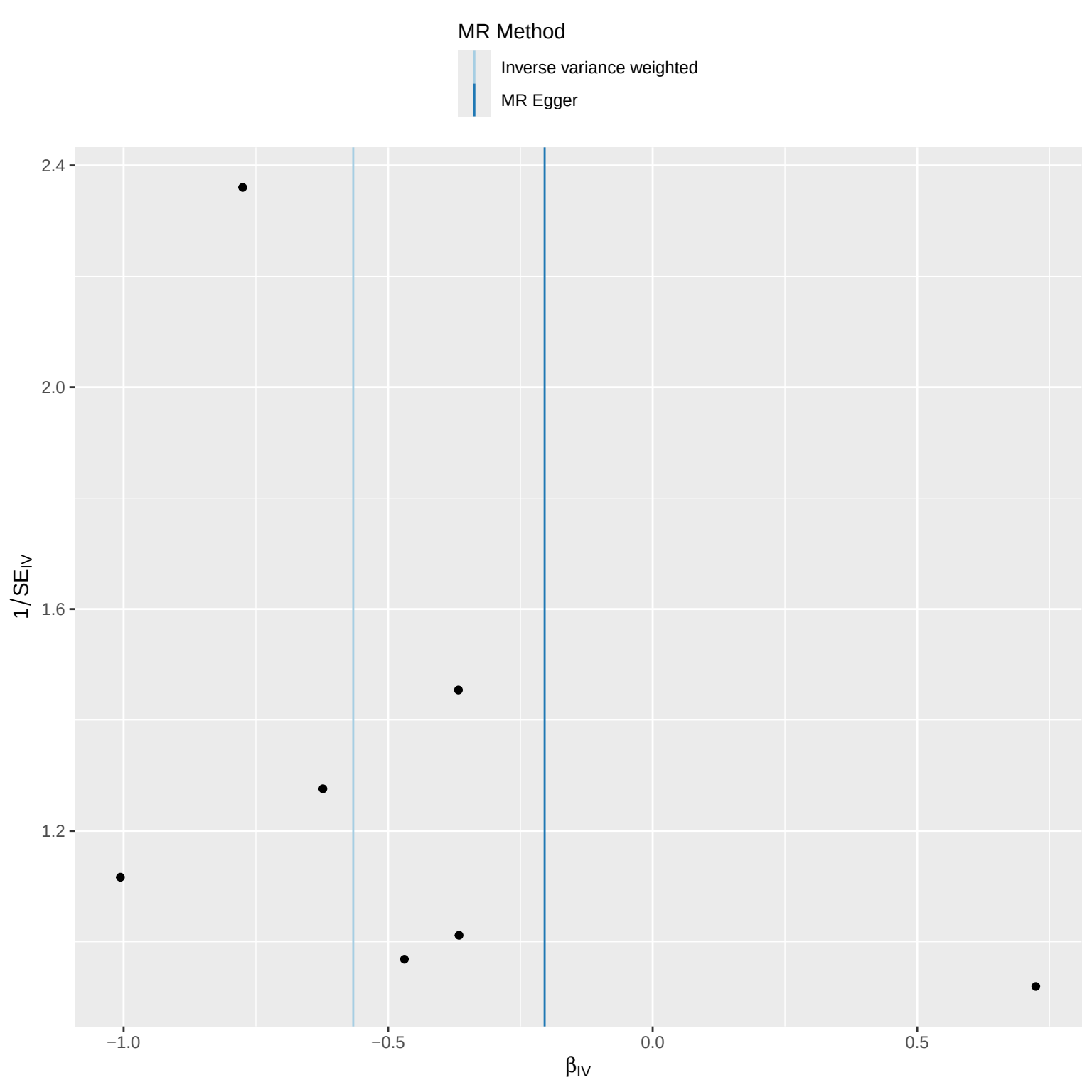

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

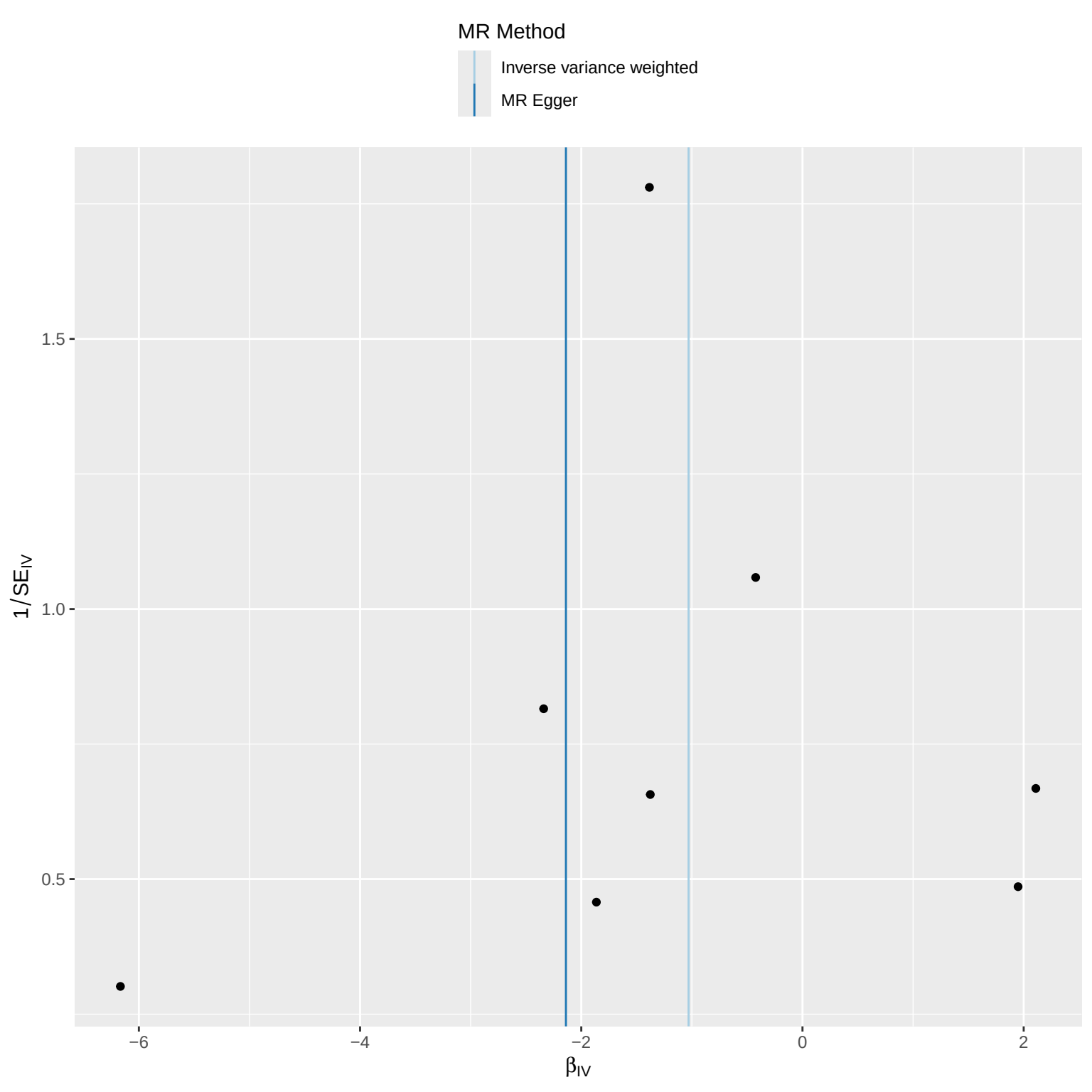

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

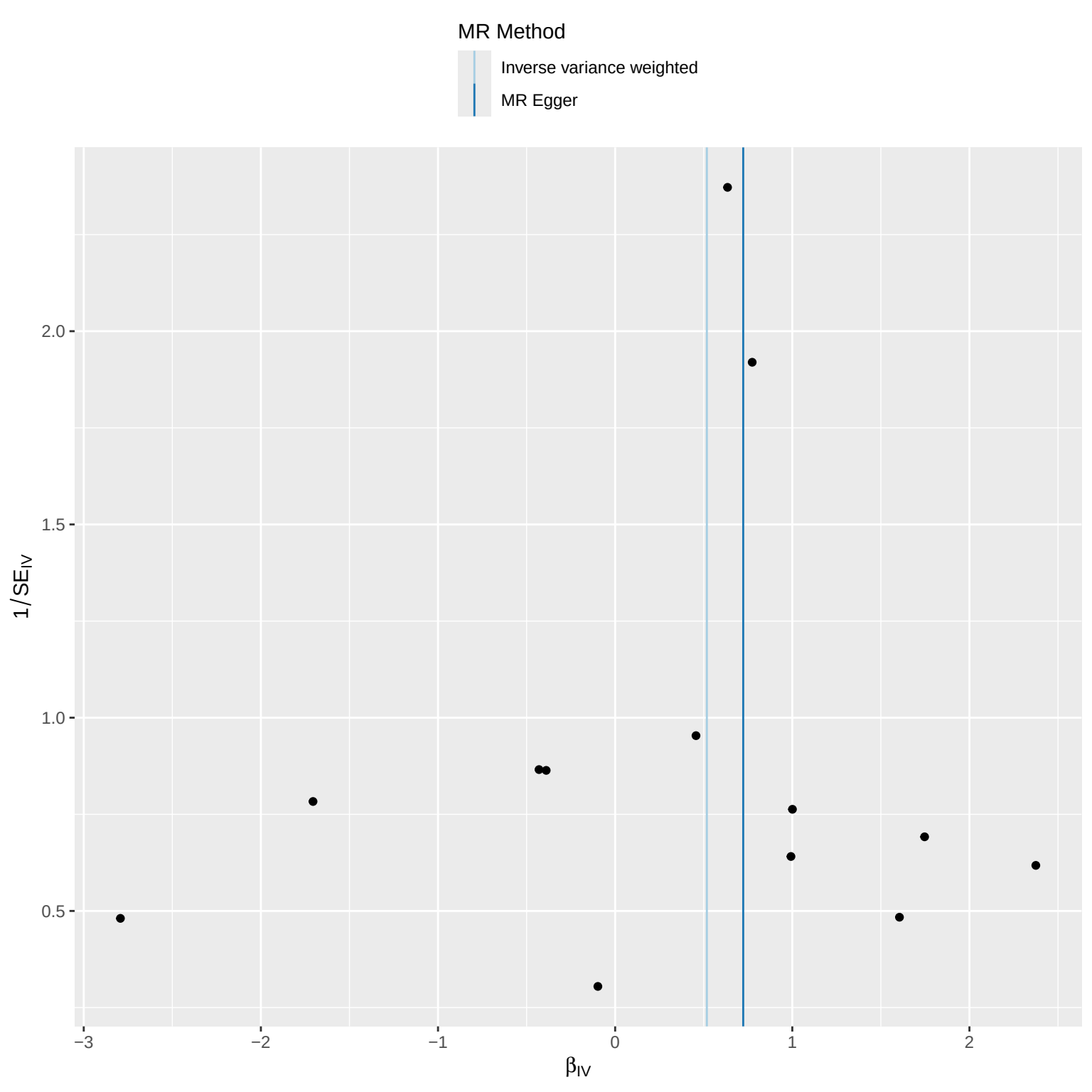

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

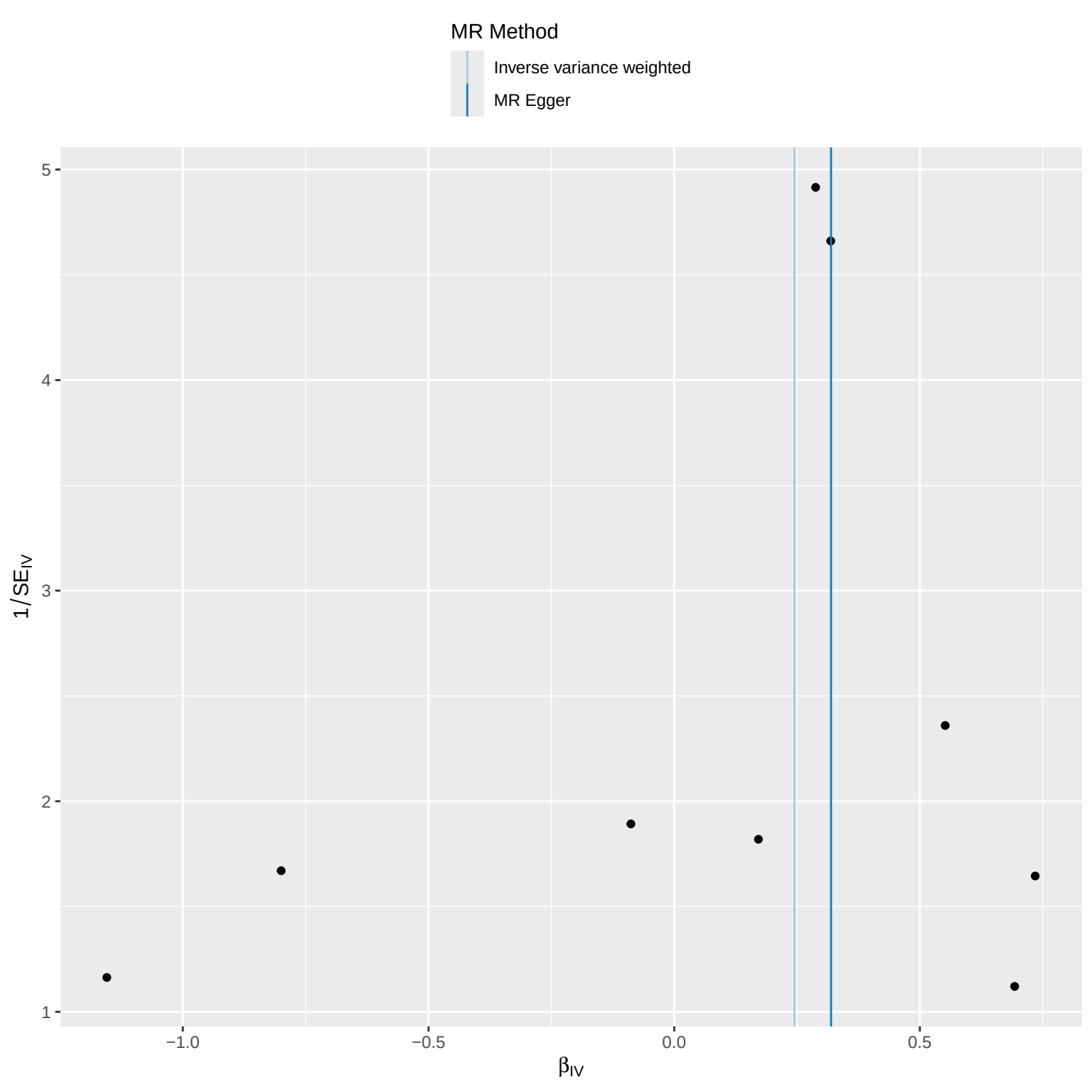

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
β_IV

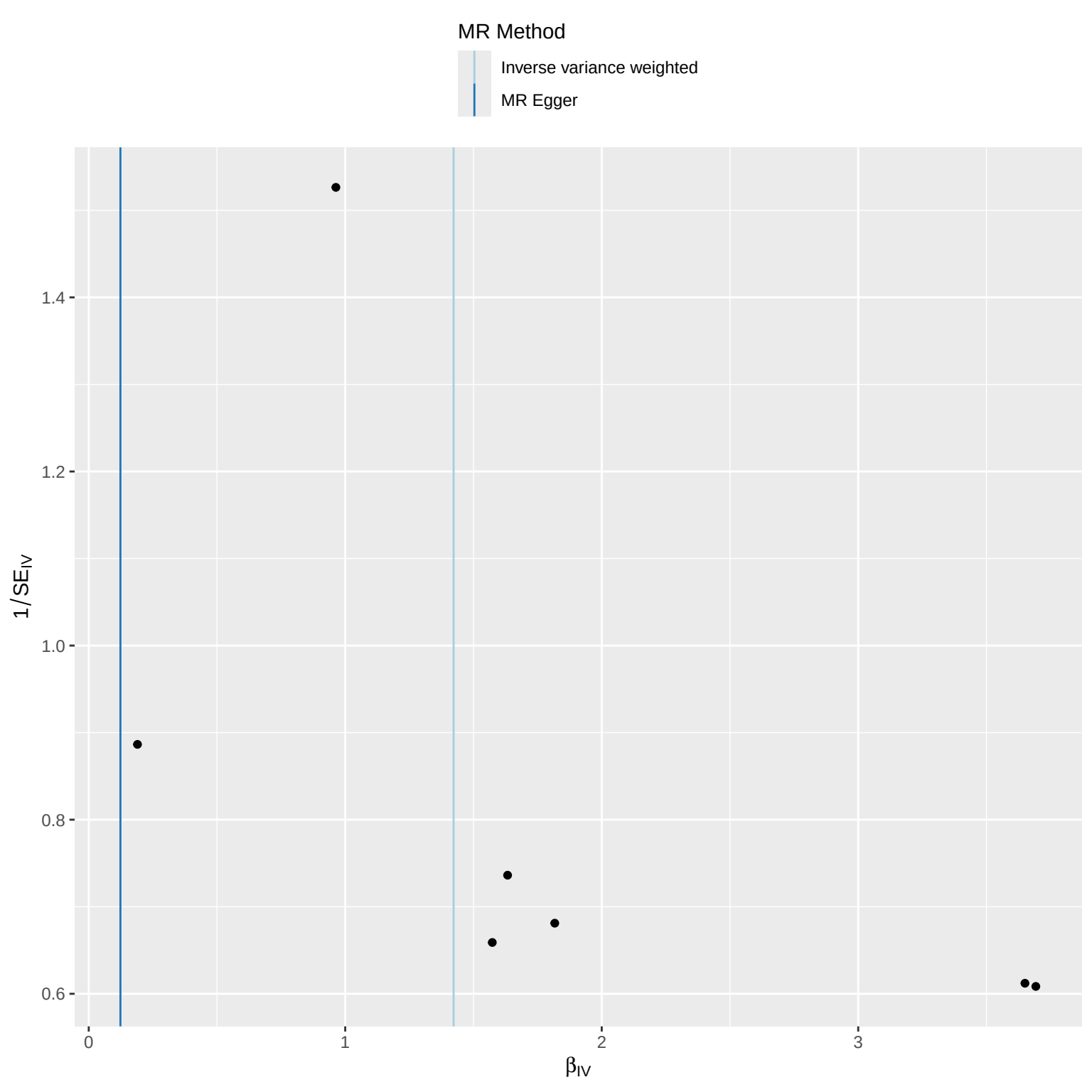

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

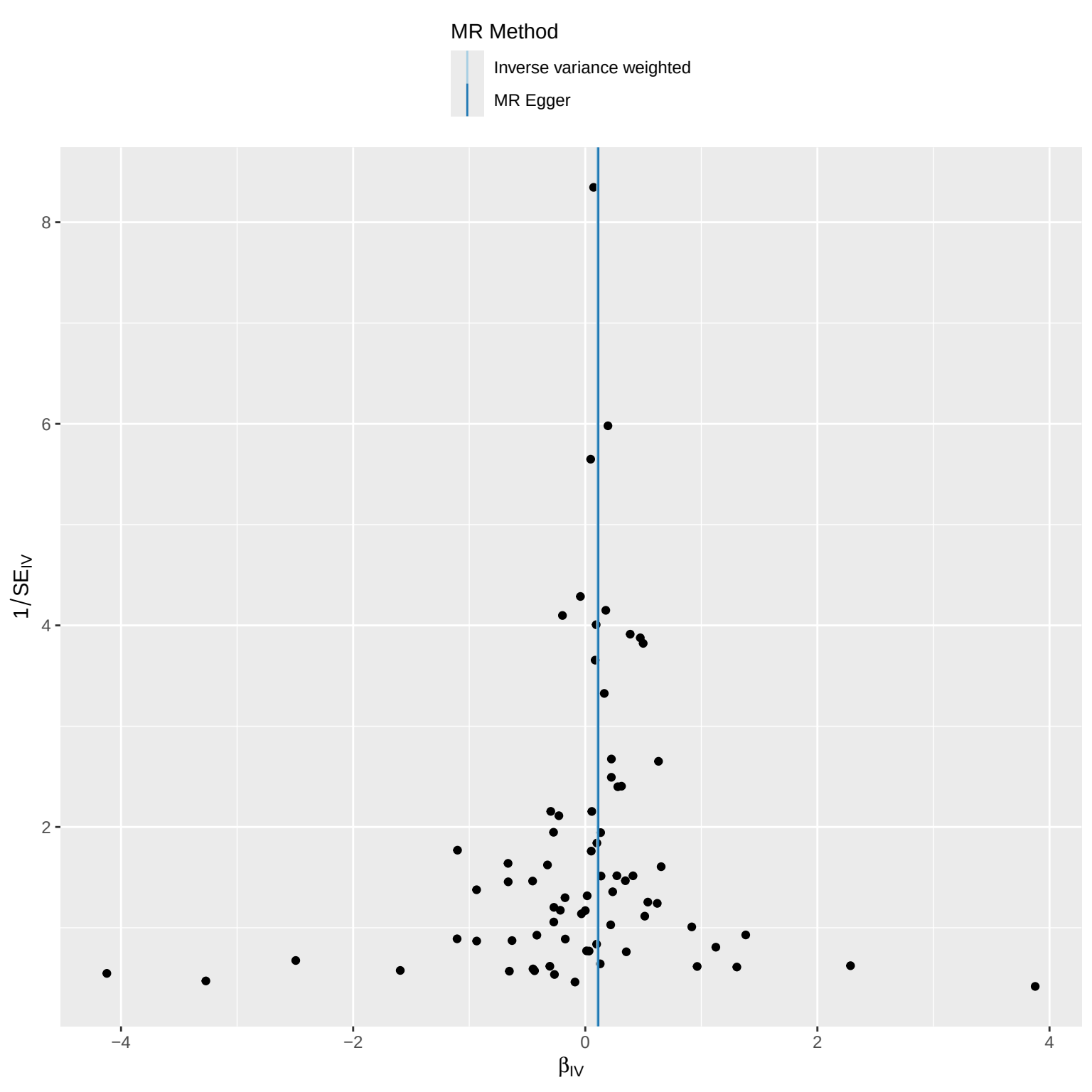

MR Method
Inverse variance weighted
MR Egger
2.4
2.0
1.6
1.2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

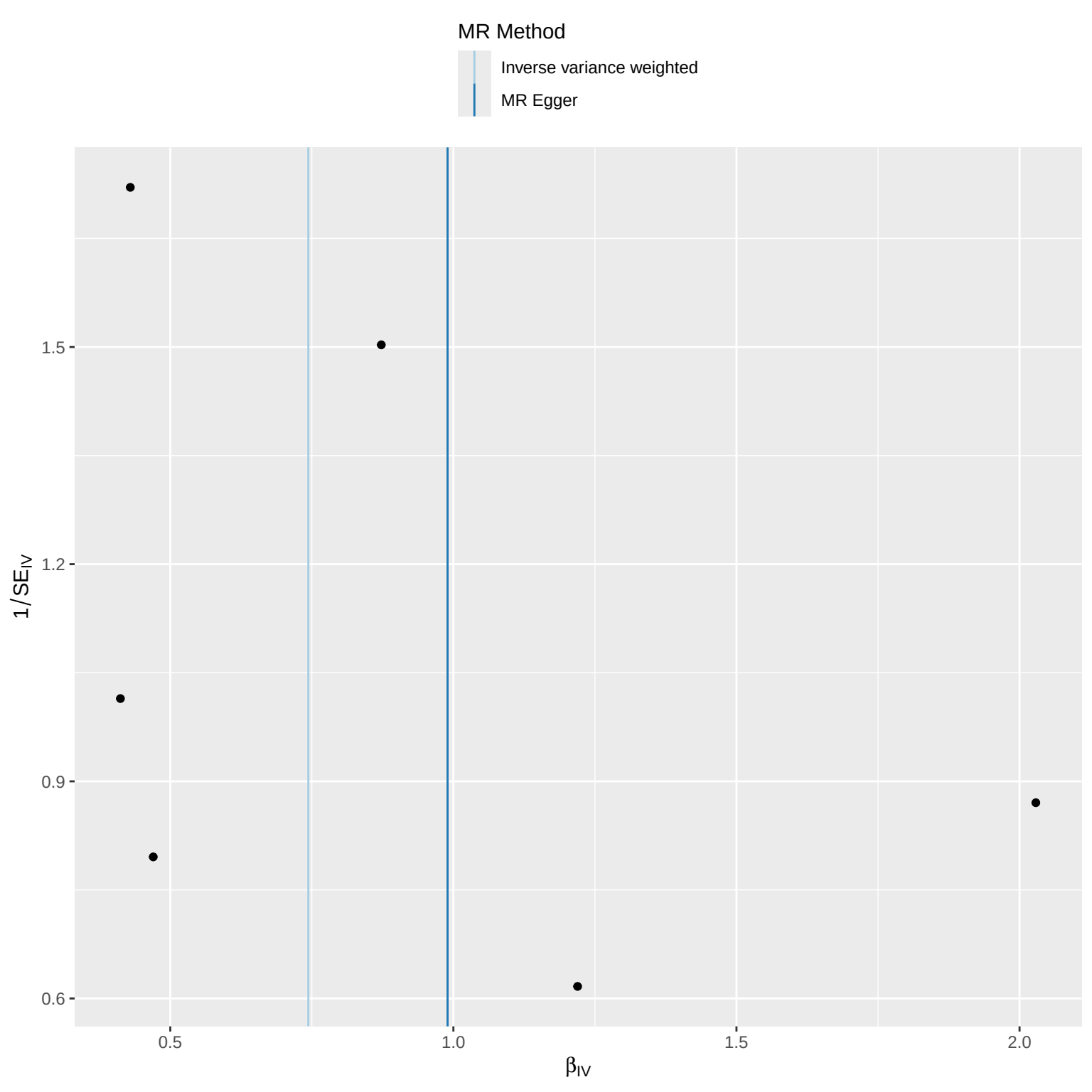

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

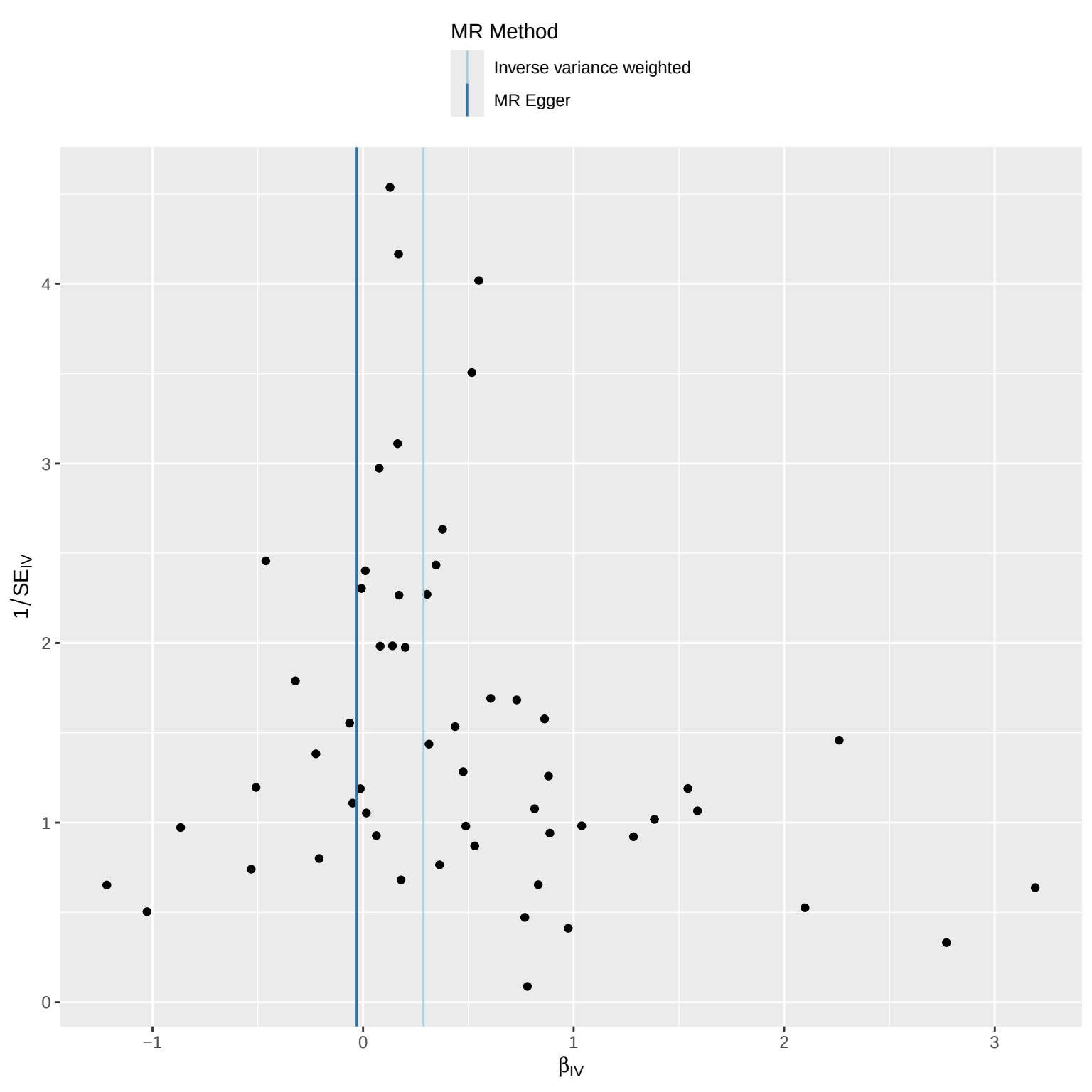

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

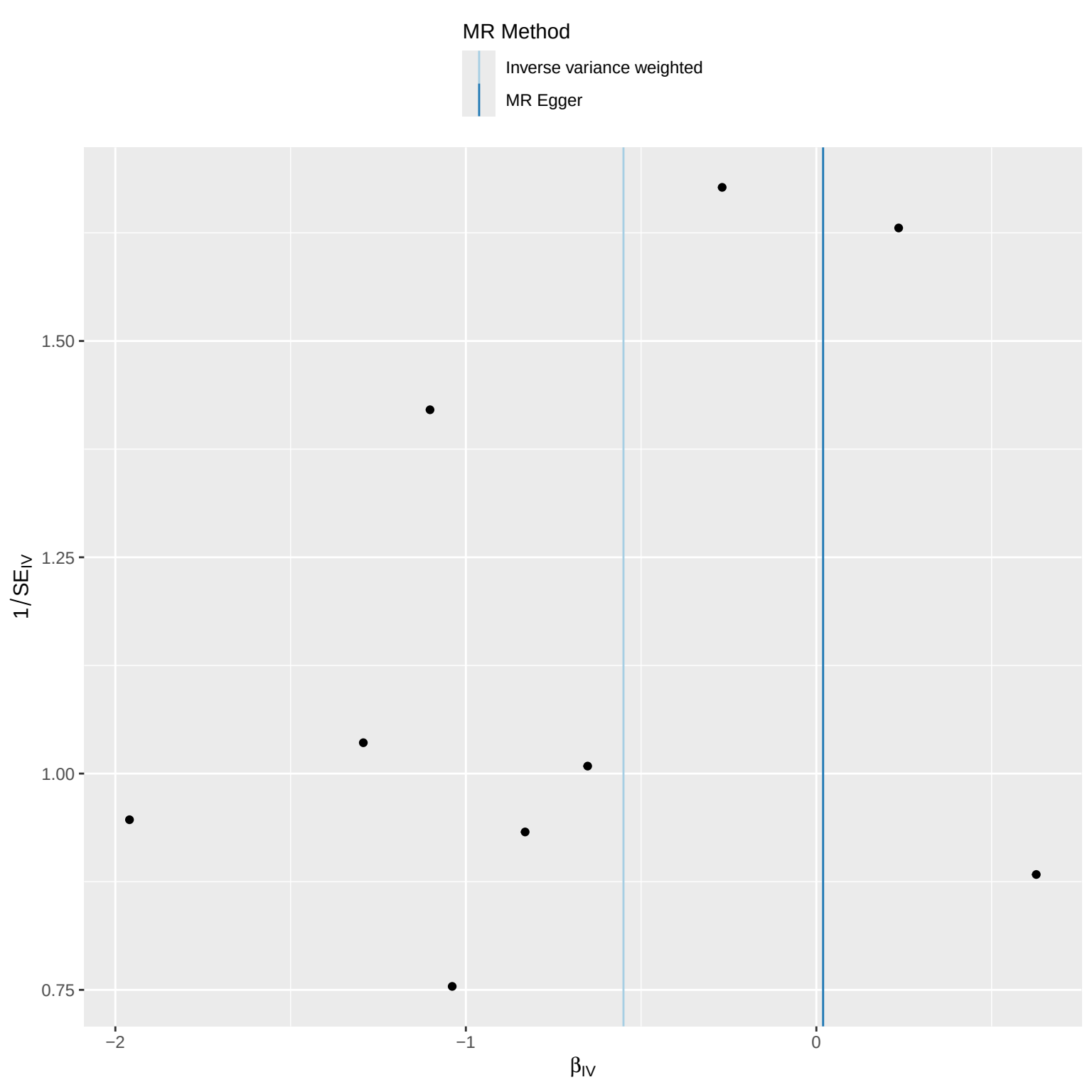

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

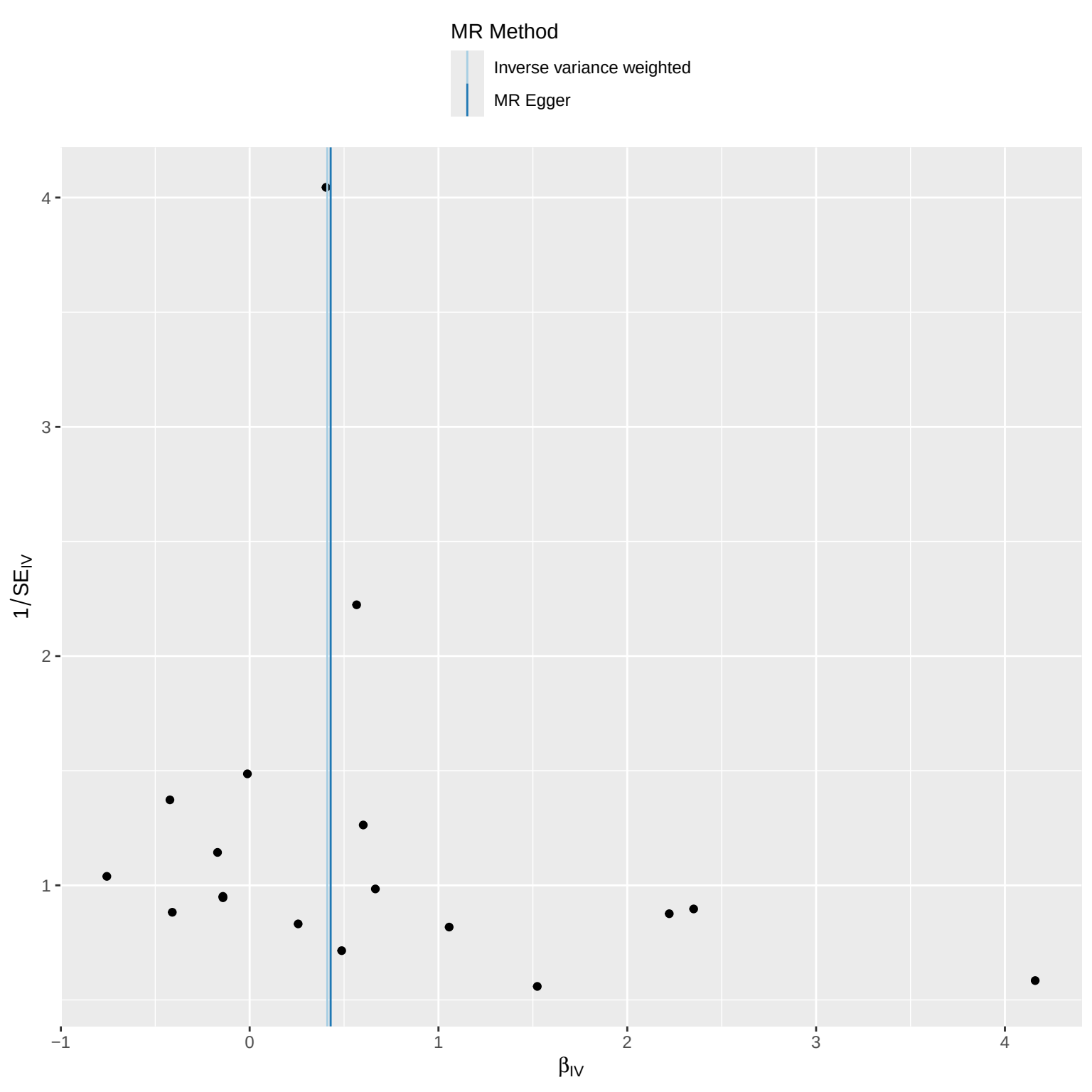

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

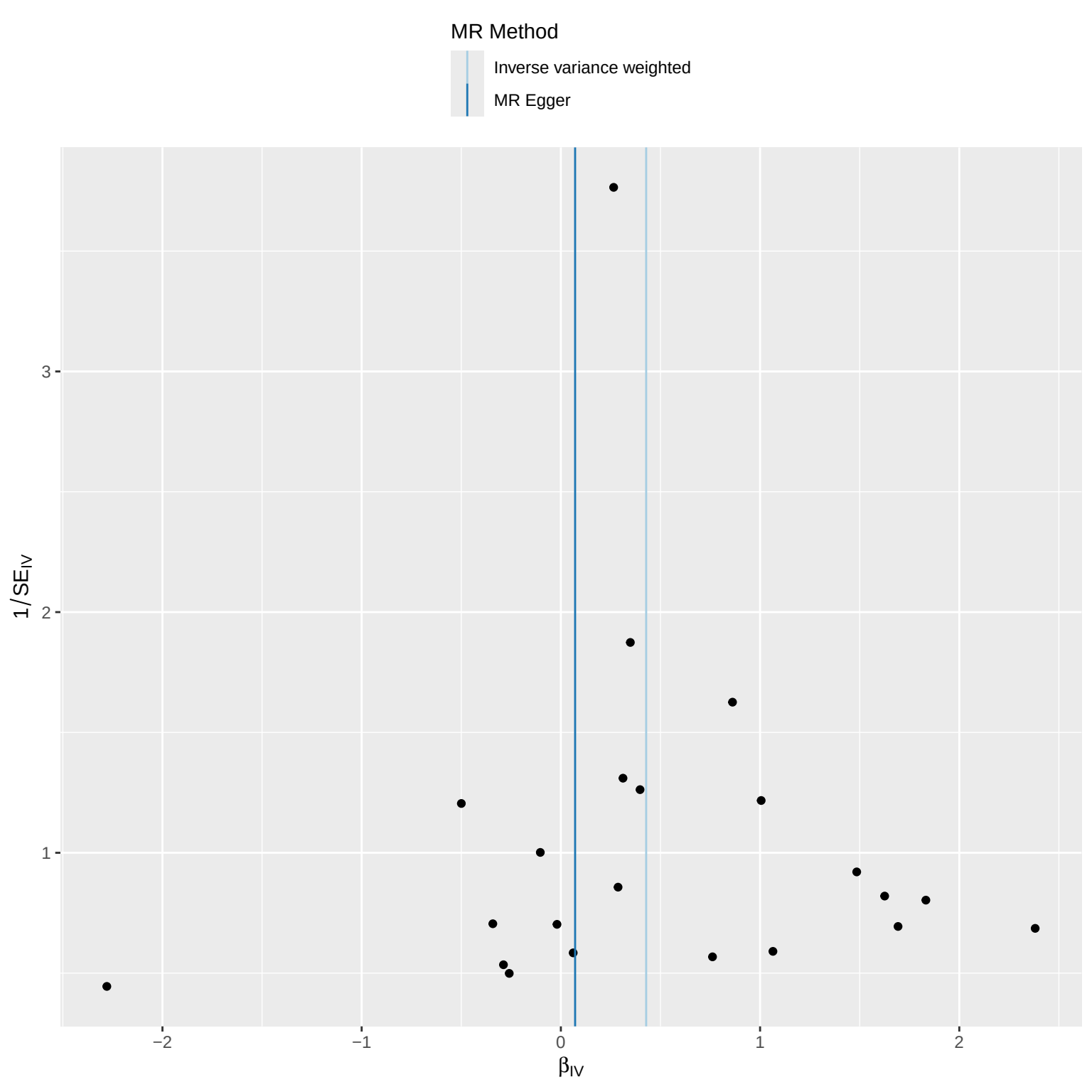

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−4
−2
0
2
4
β_IV

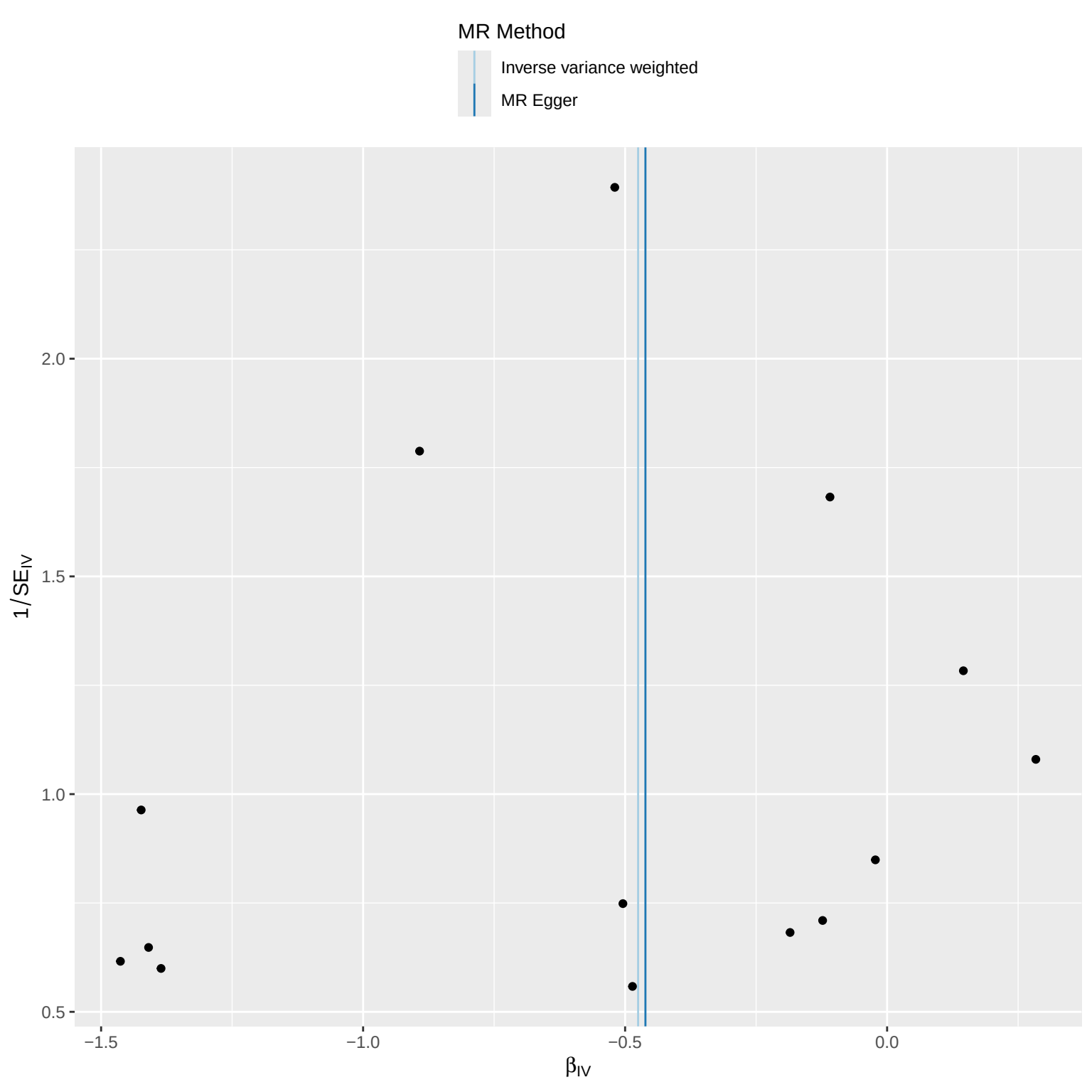

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

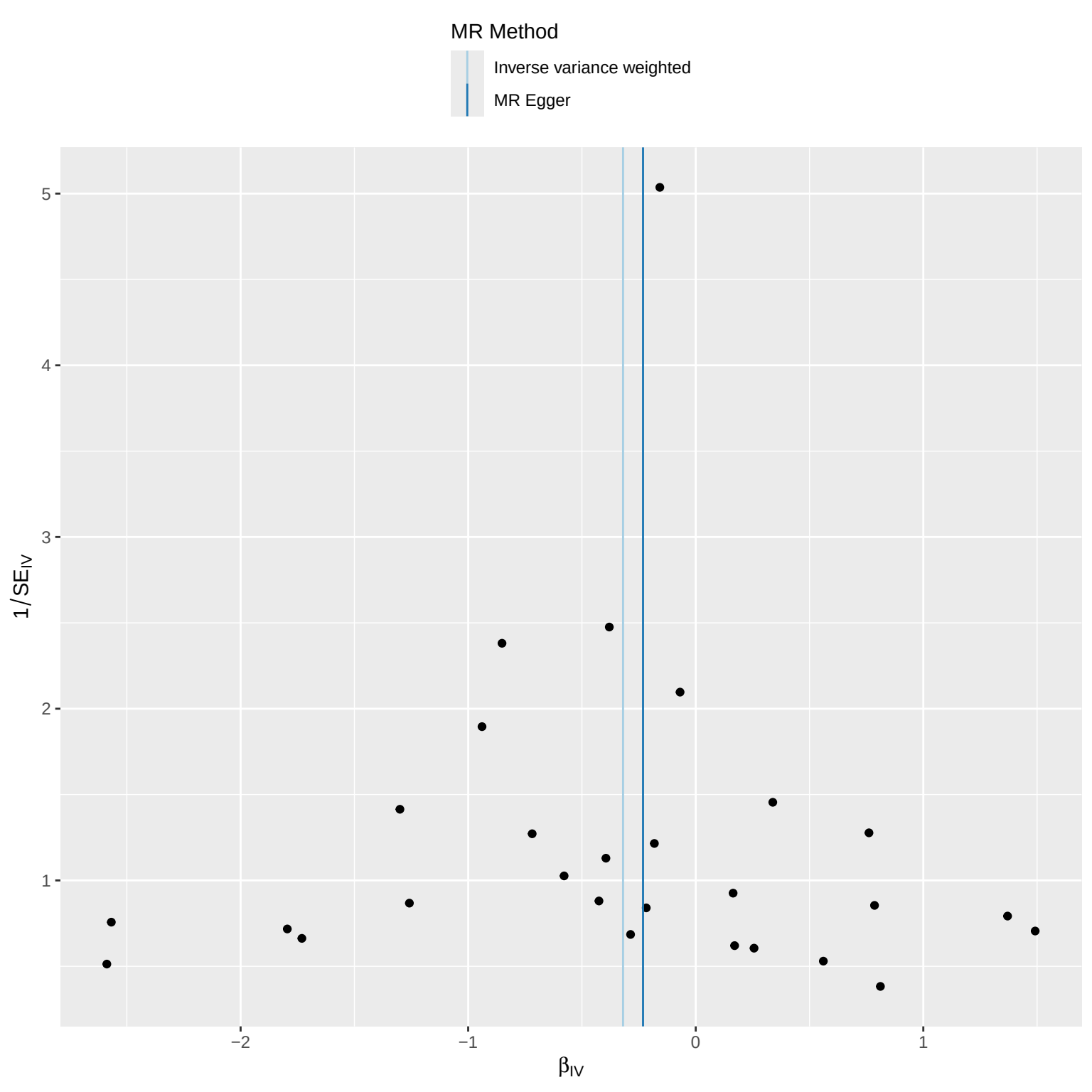

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
0
1
2
3
4
−1
0
1
2
3

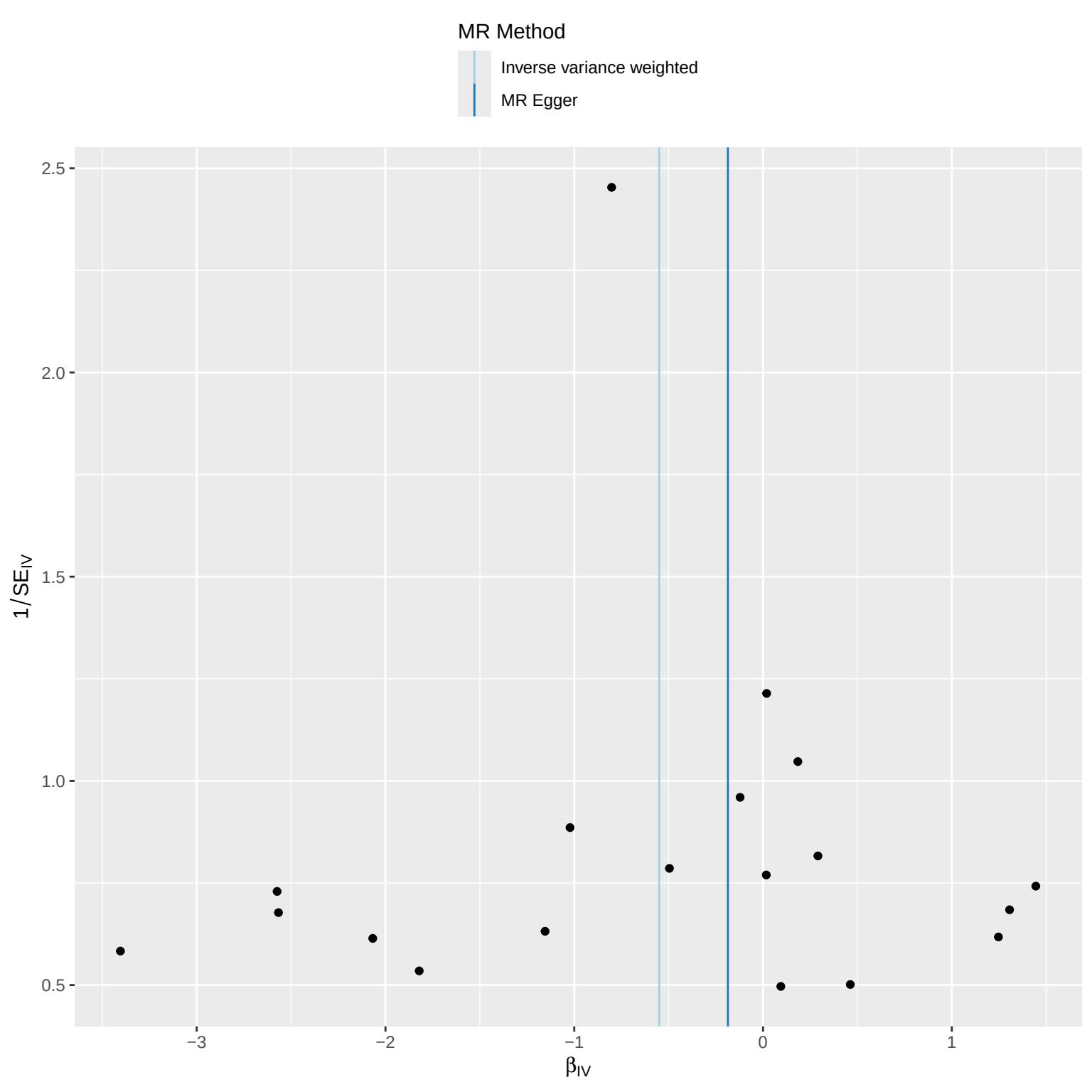

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
β_IV

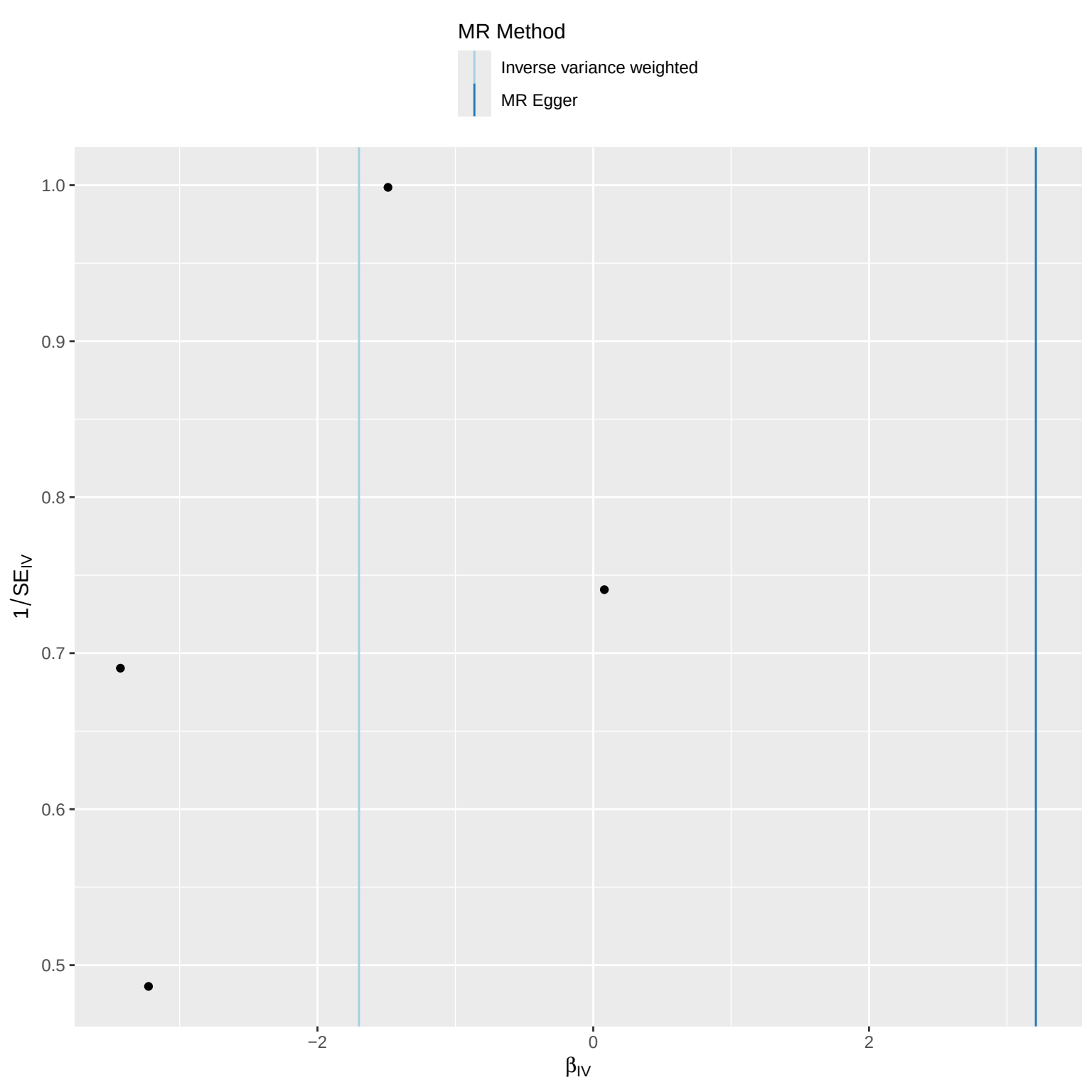

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

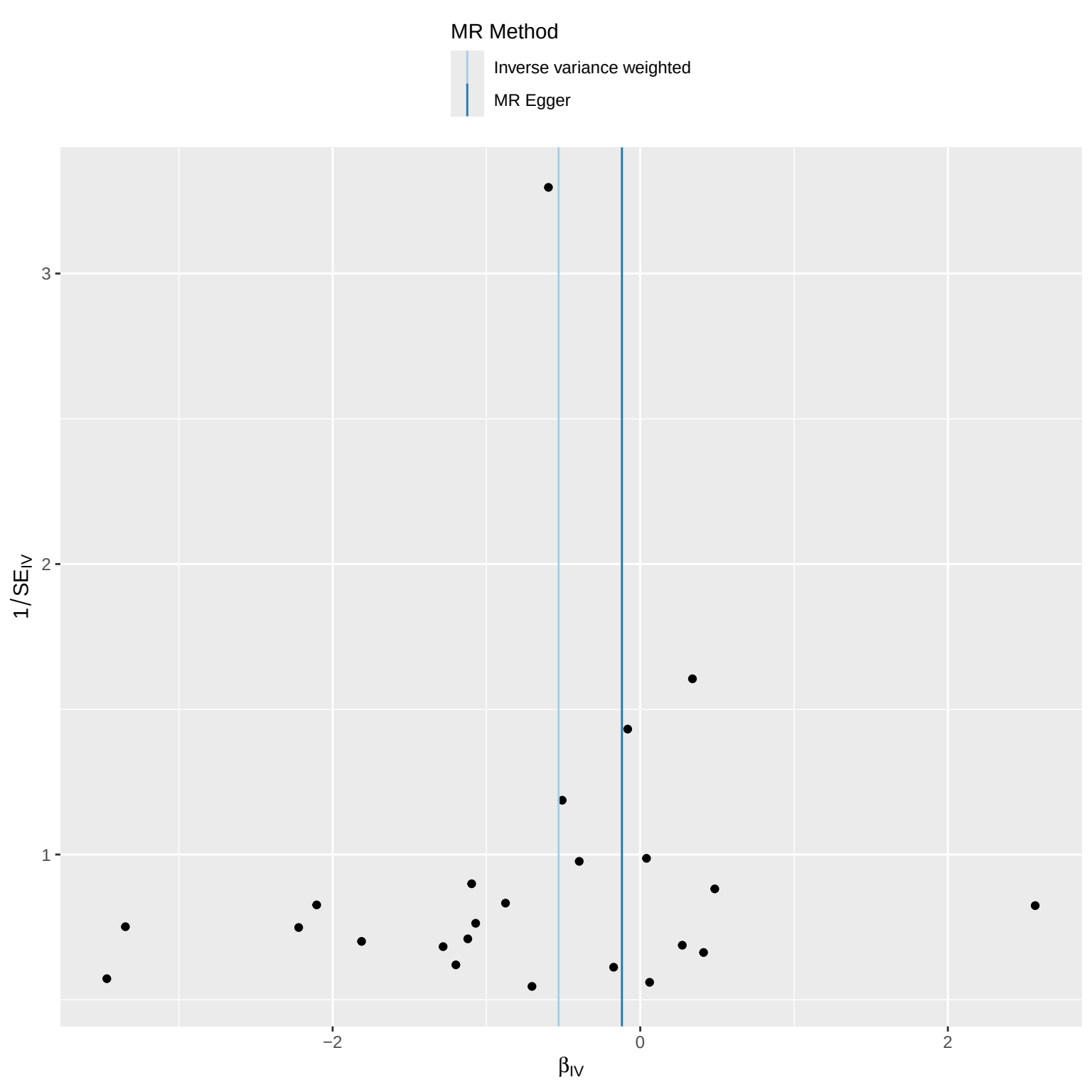

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

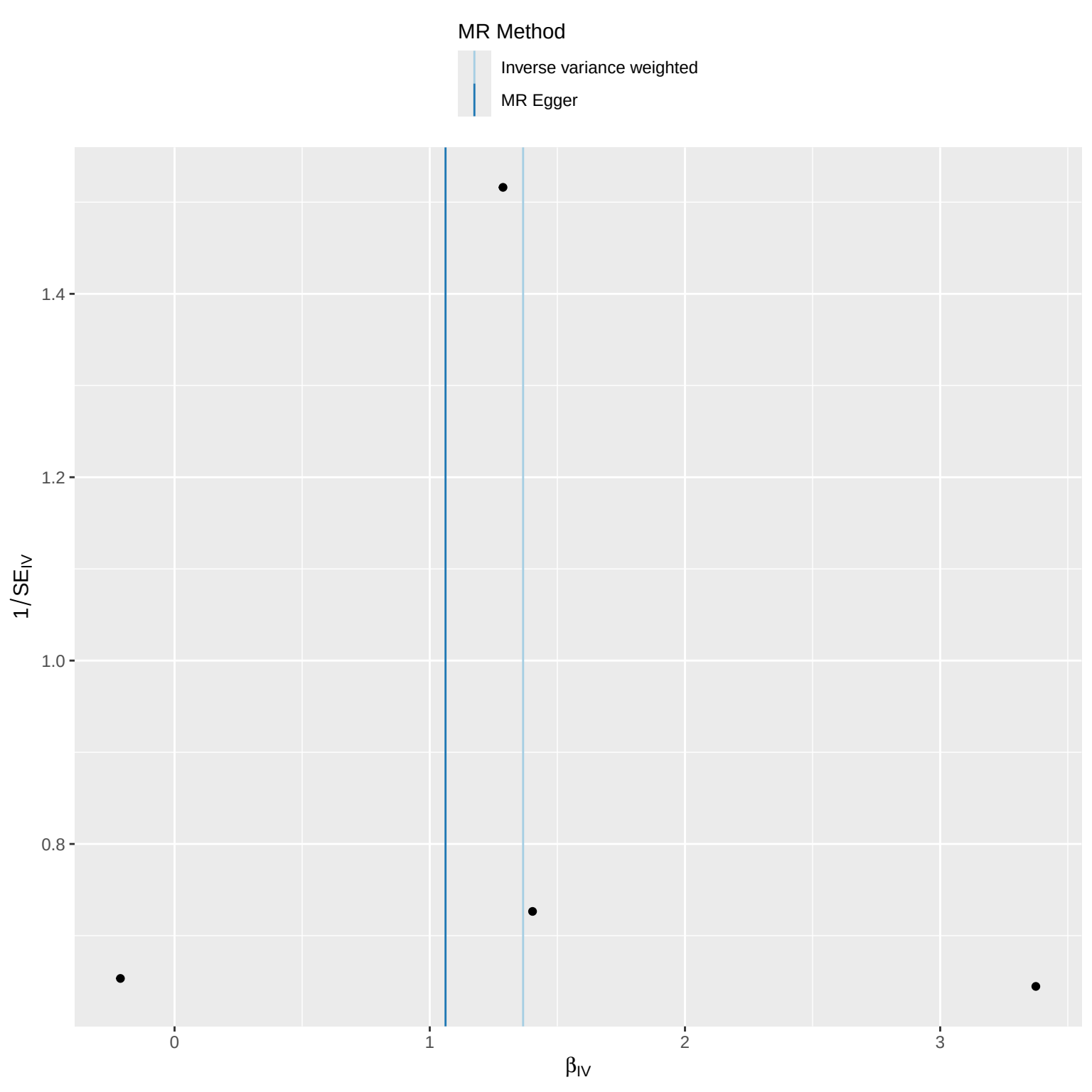

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

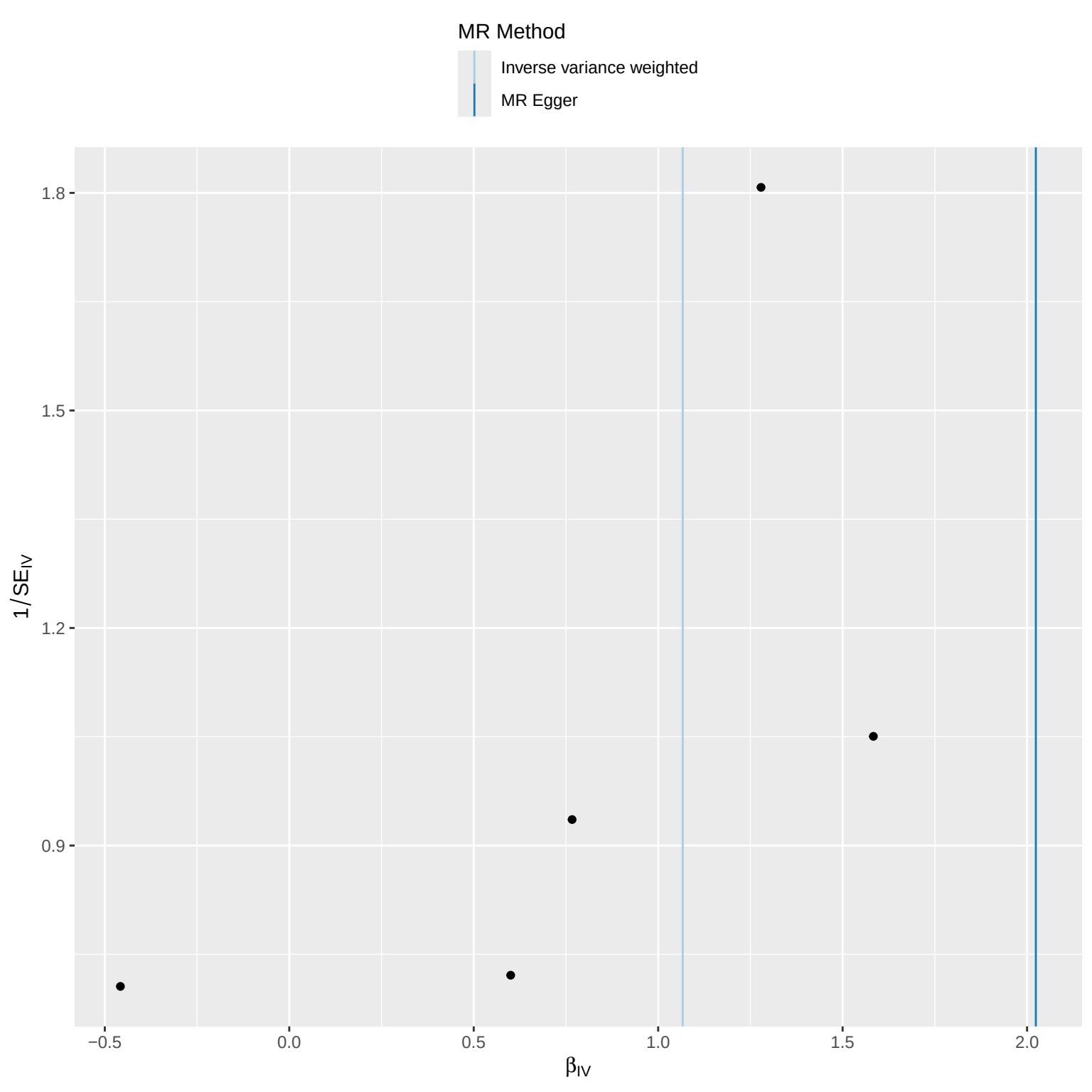

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

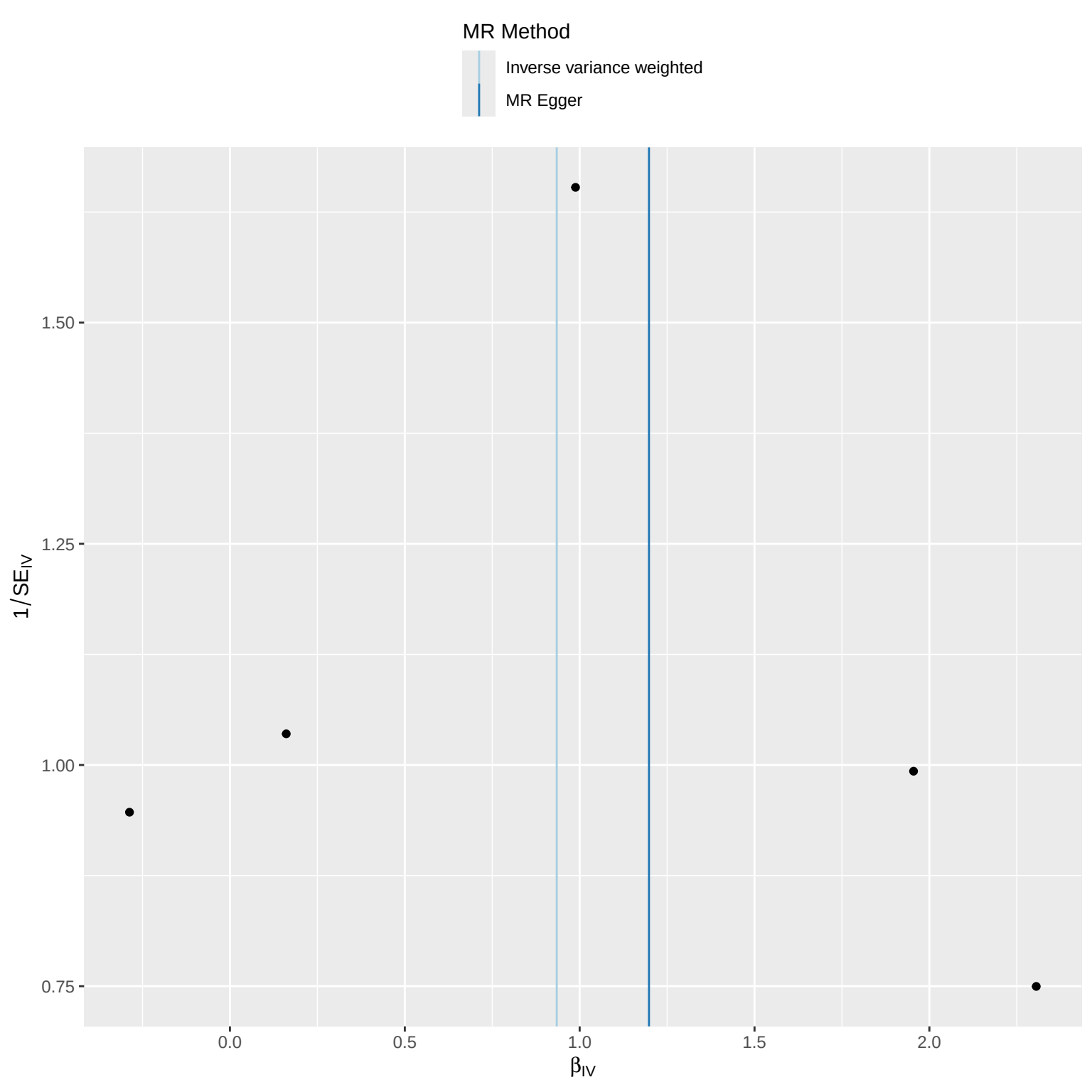

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

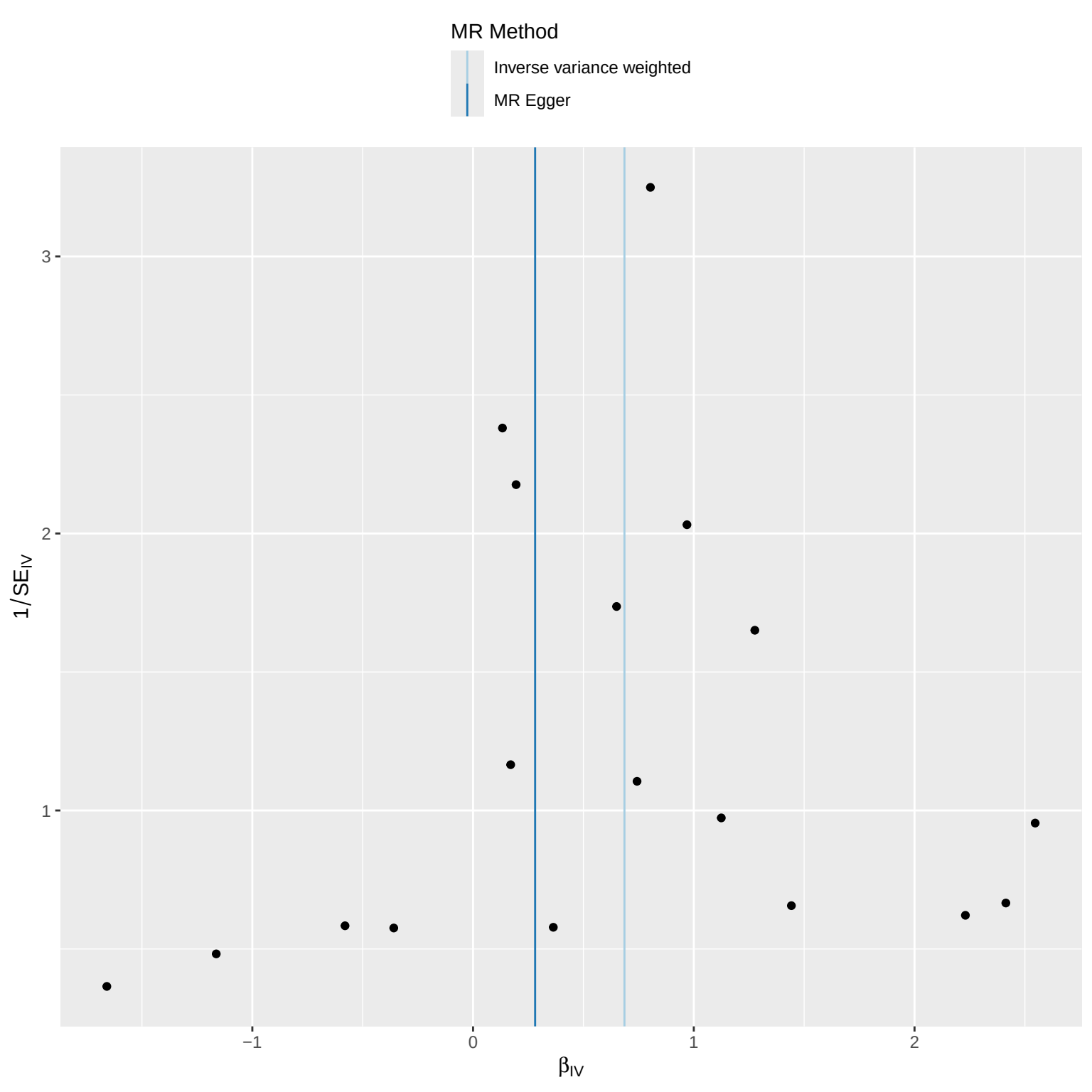

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−2
0
2
β_IV

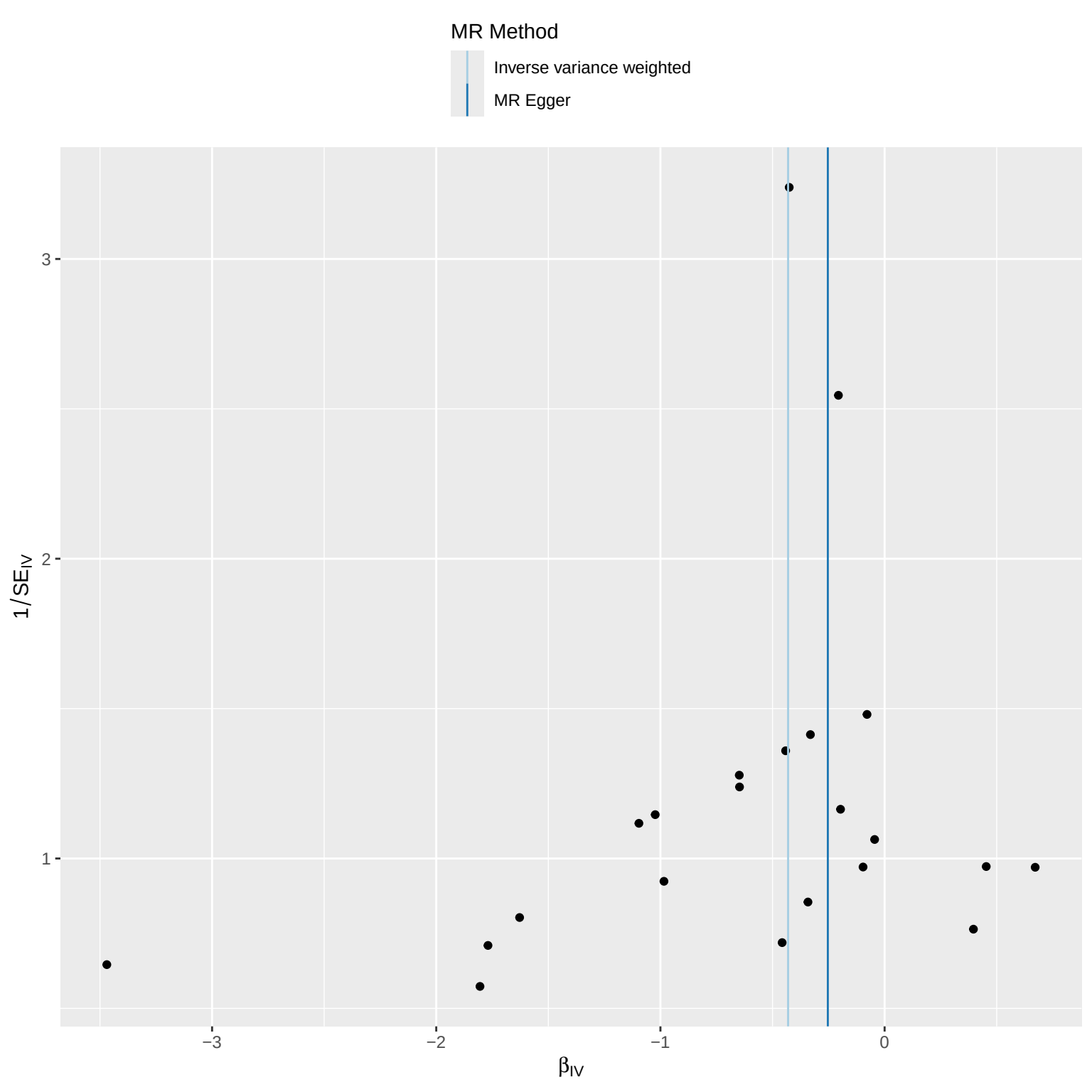

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

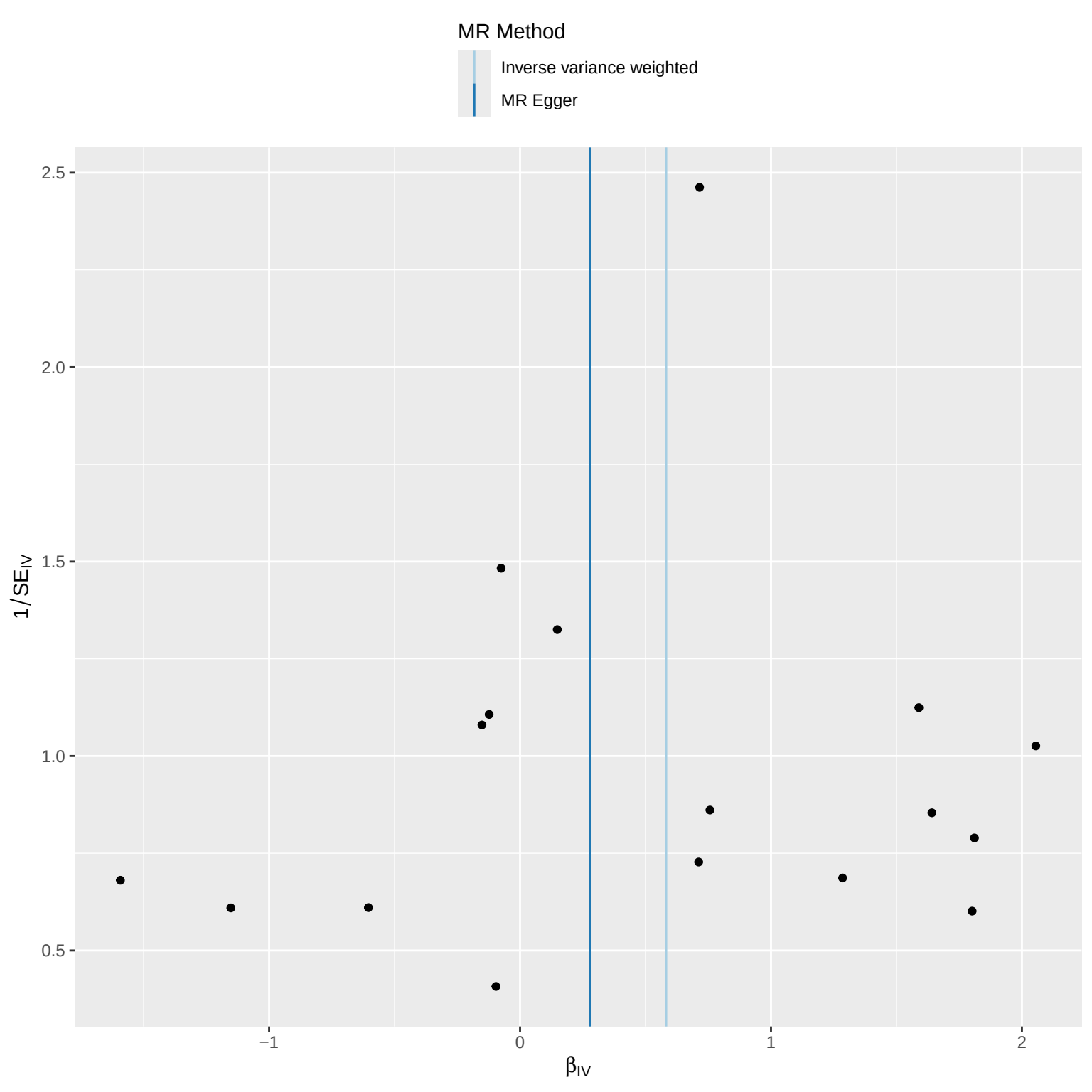

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
0
1
2
3
β_IV

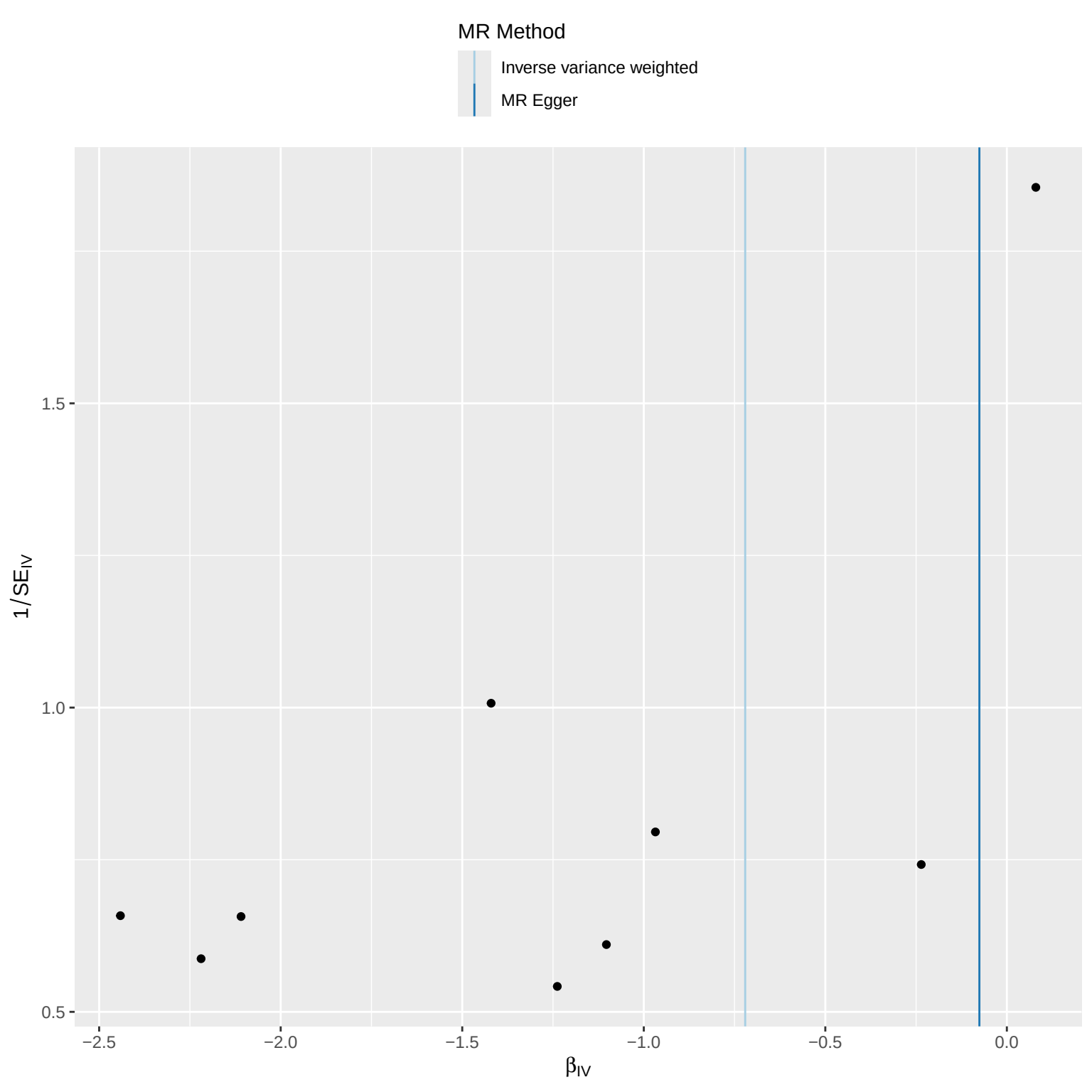

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

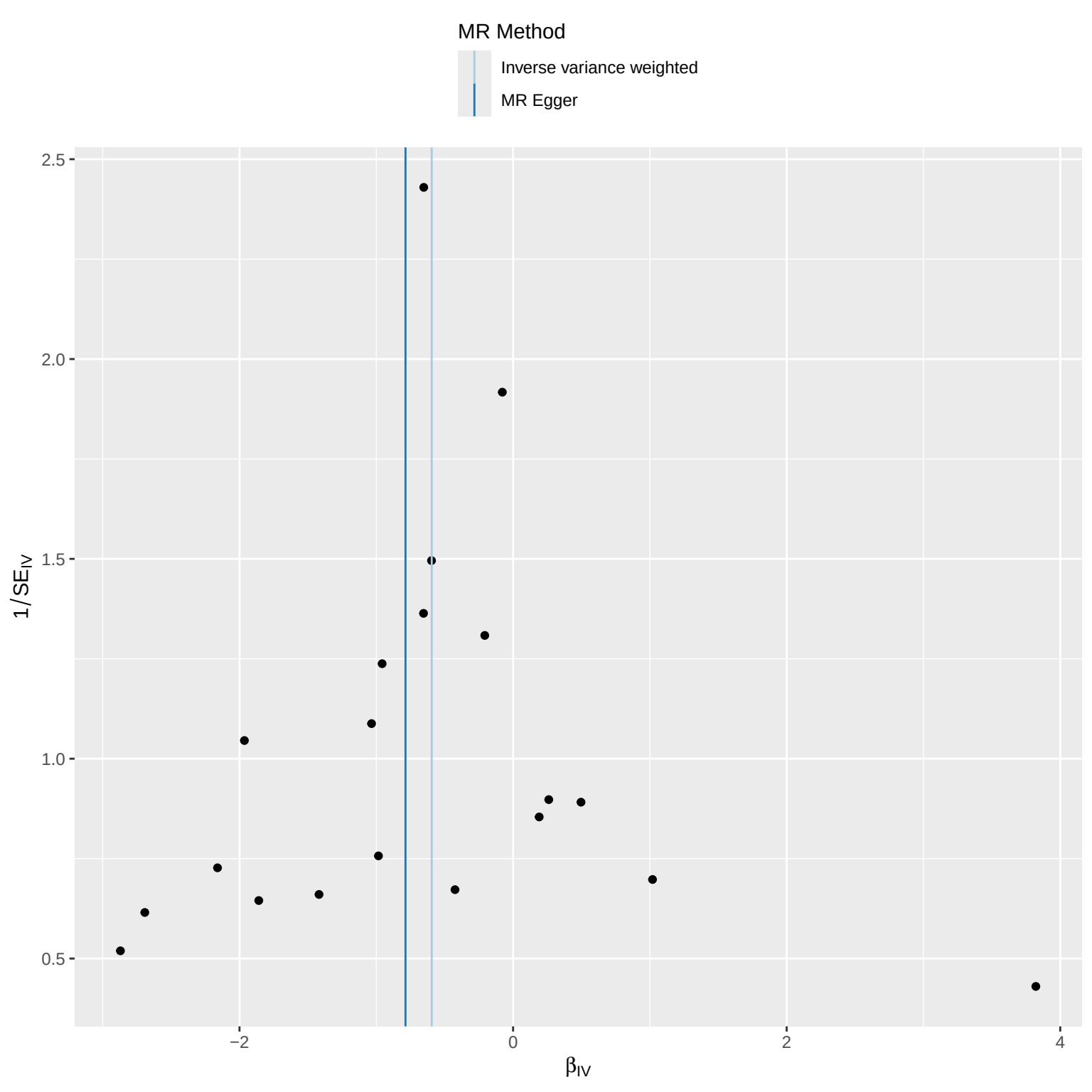

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

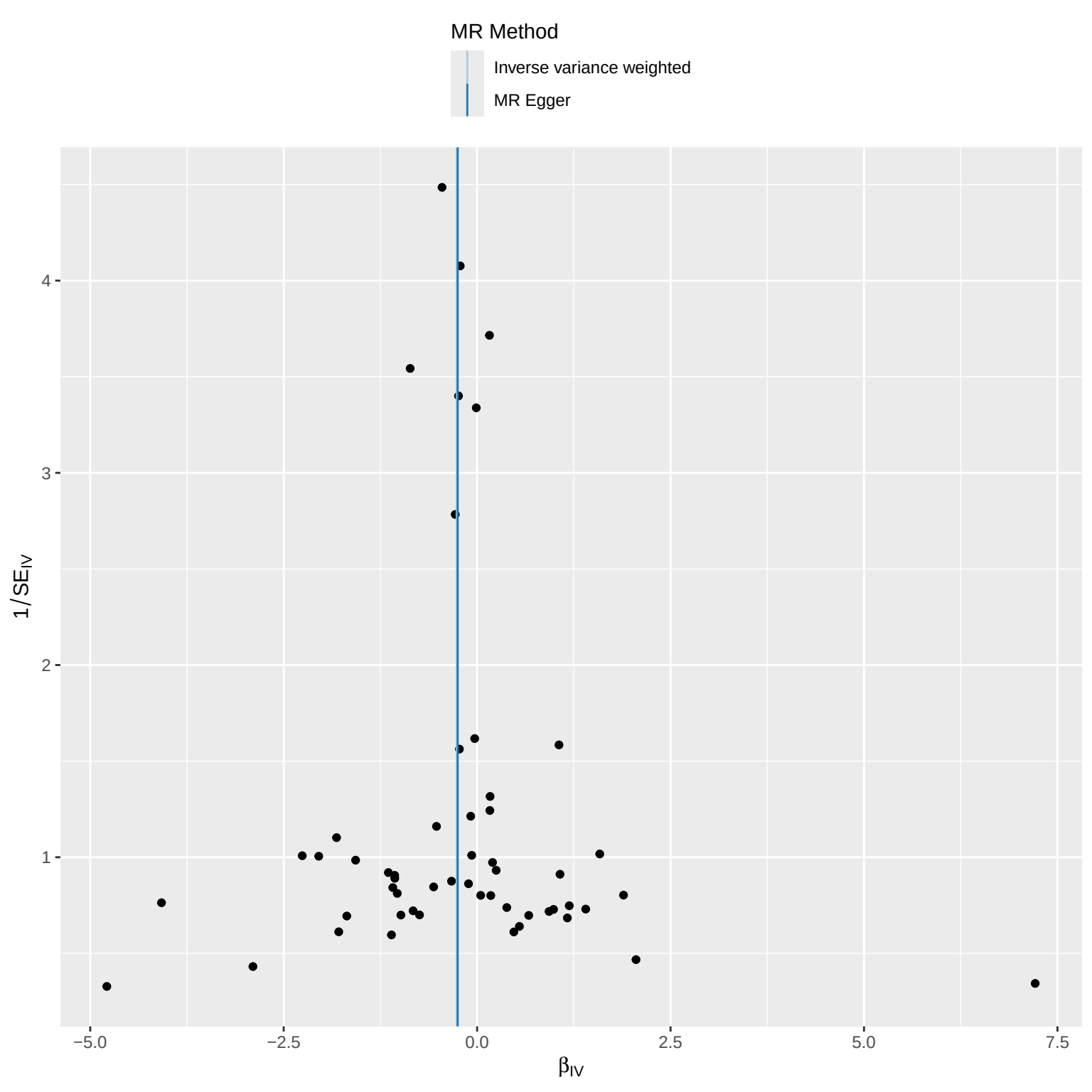

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

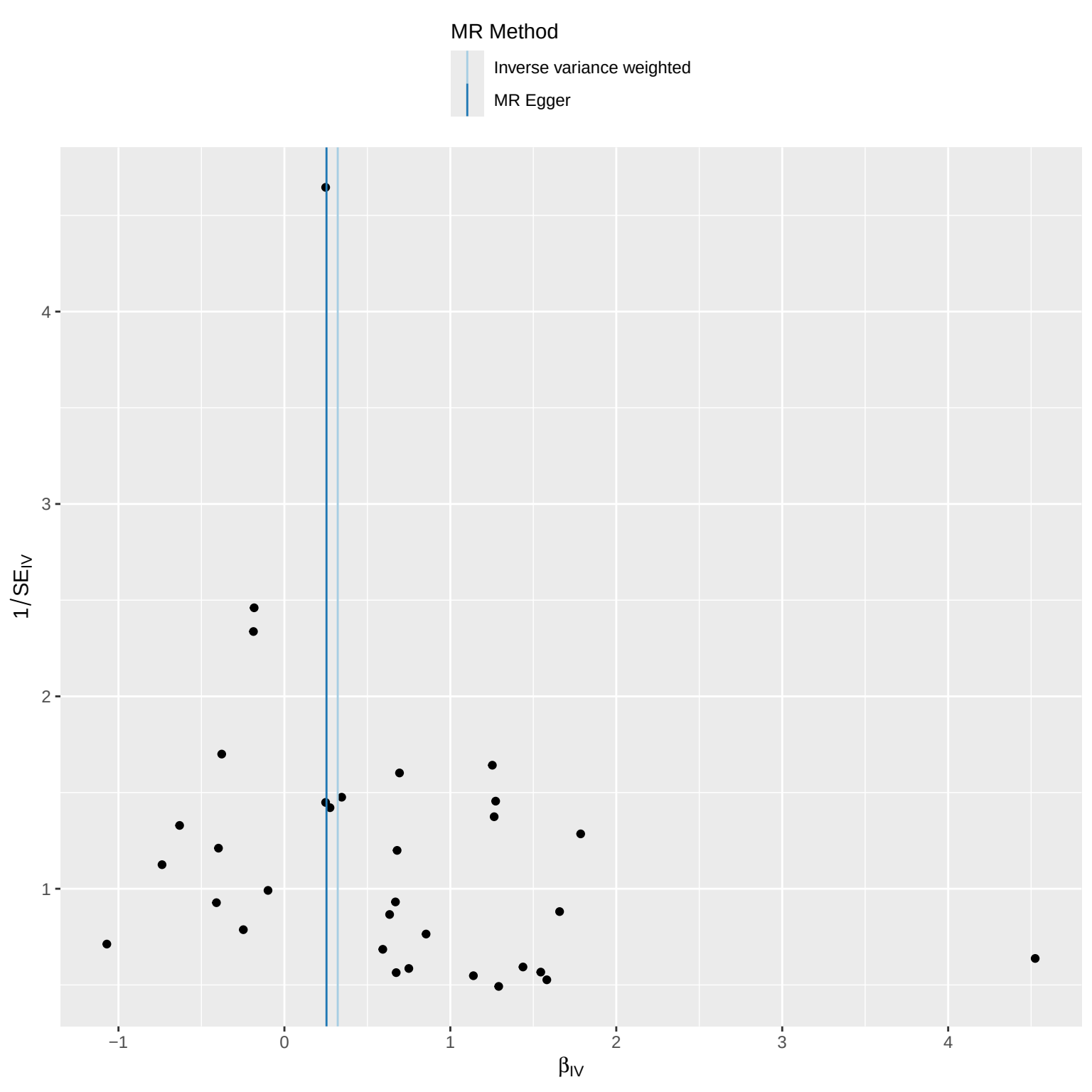

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

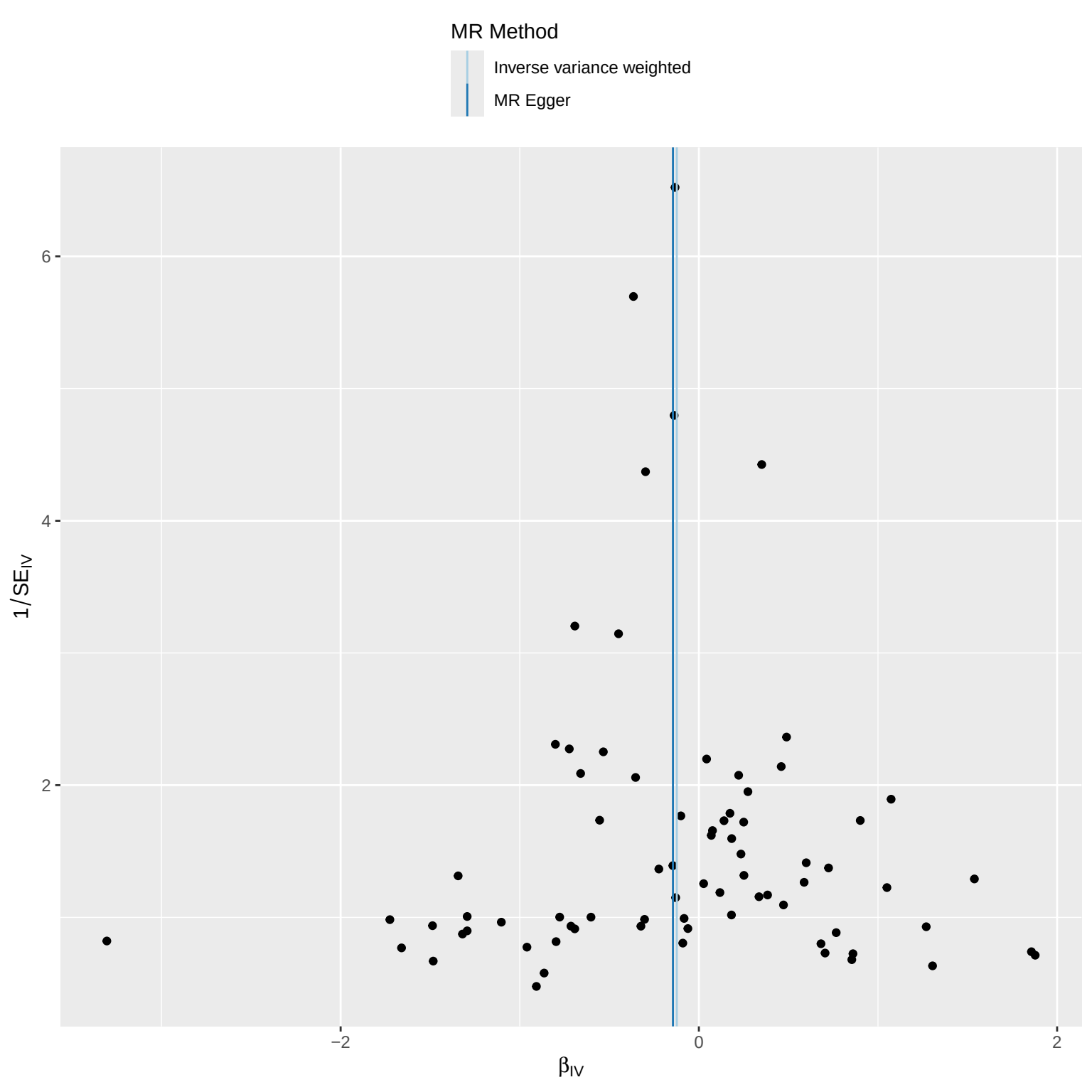

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

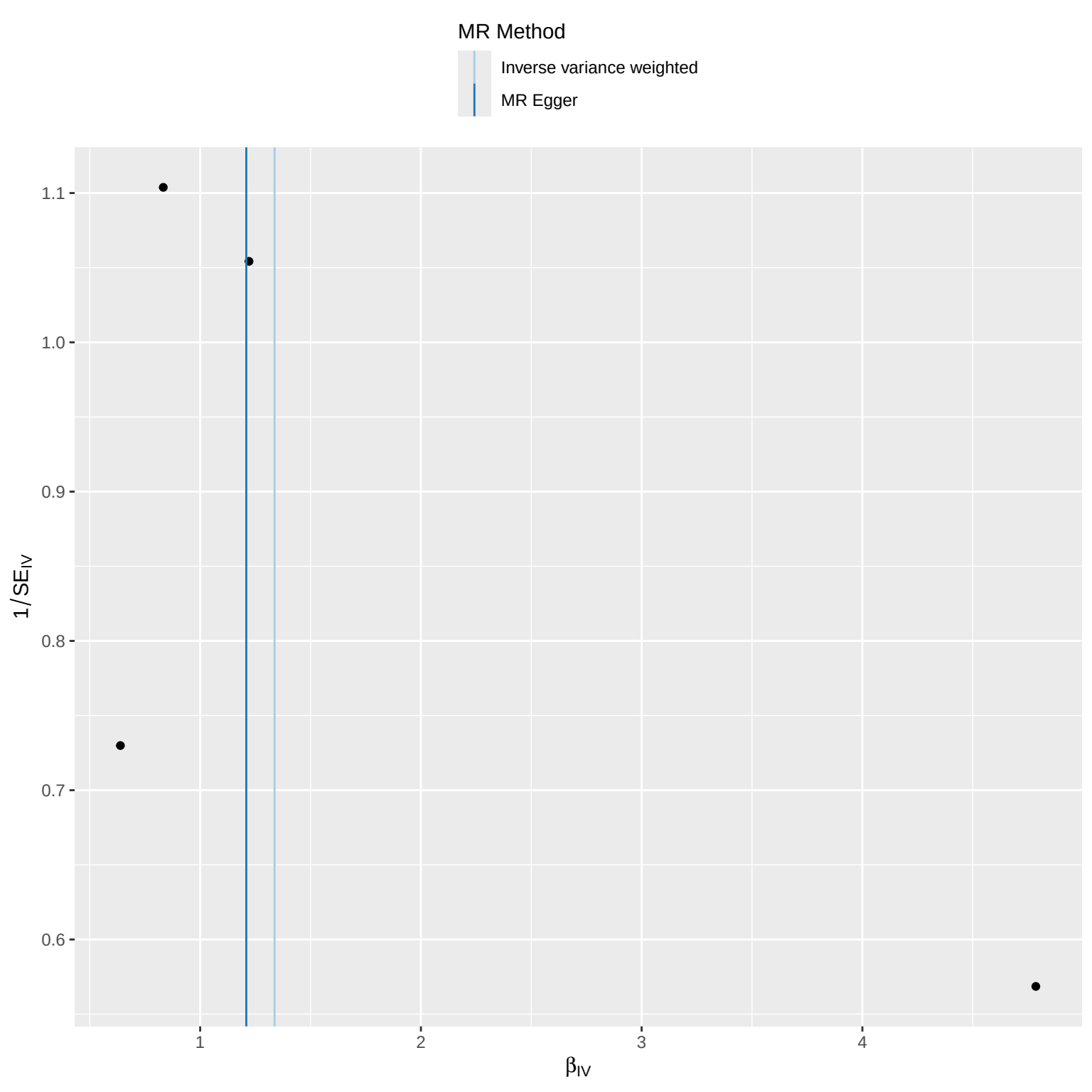

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

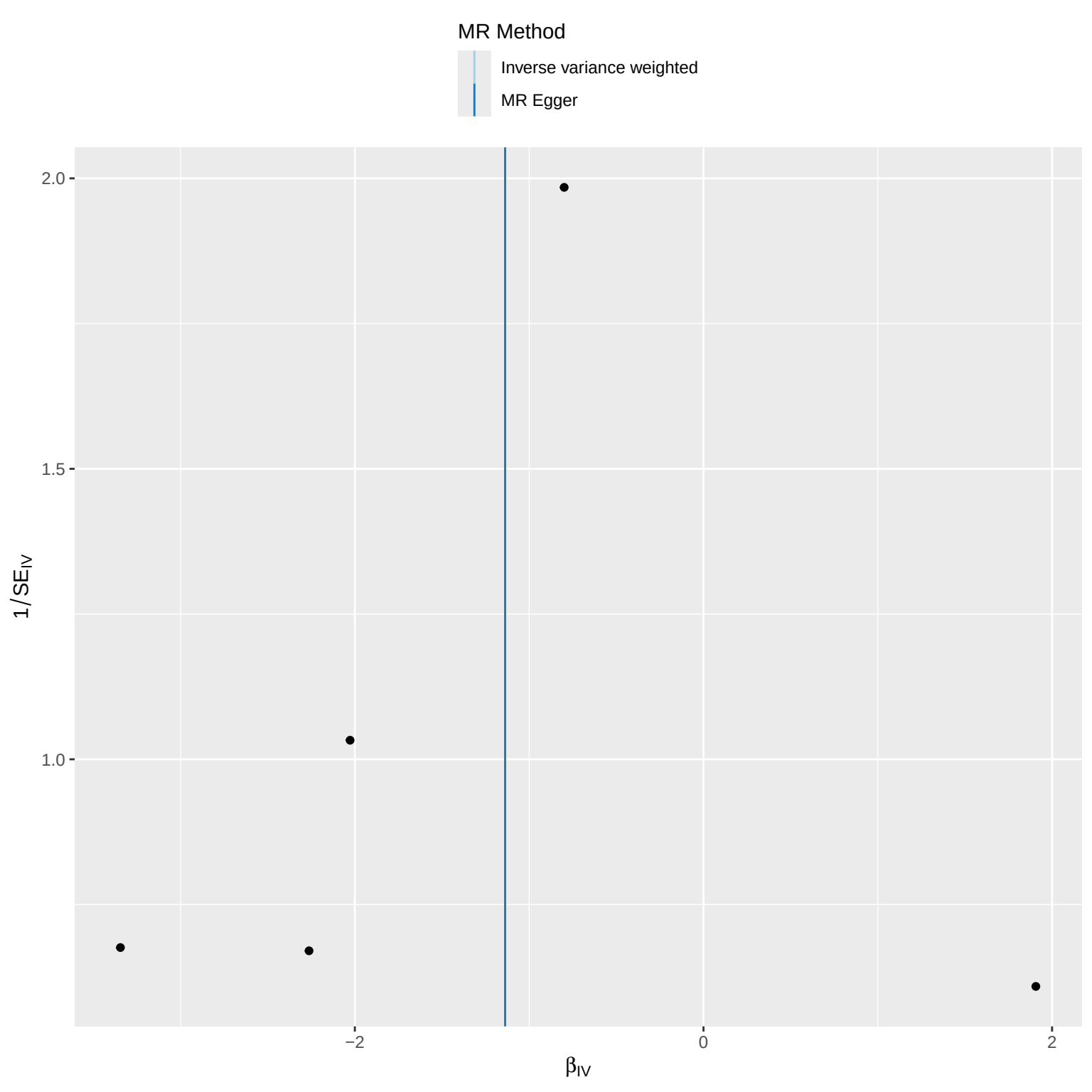

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

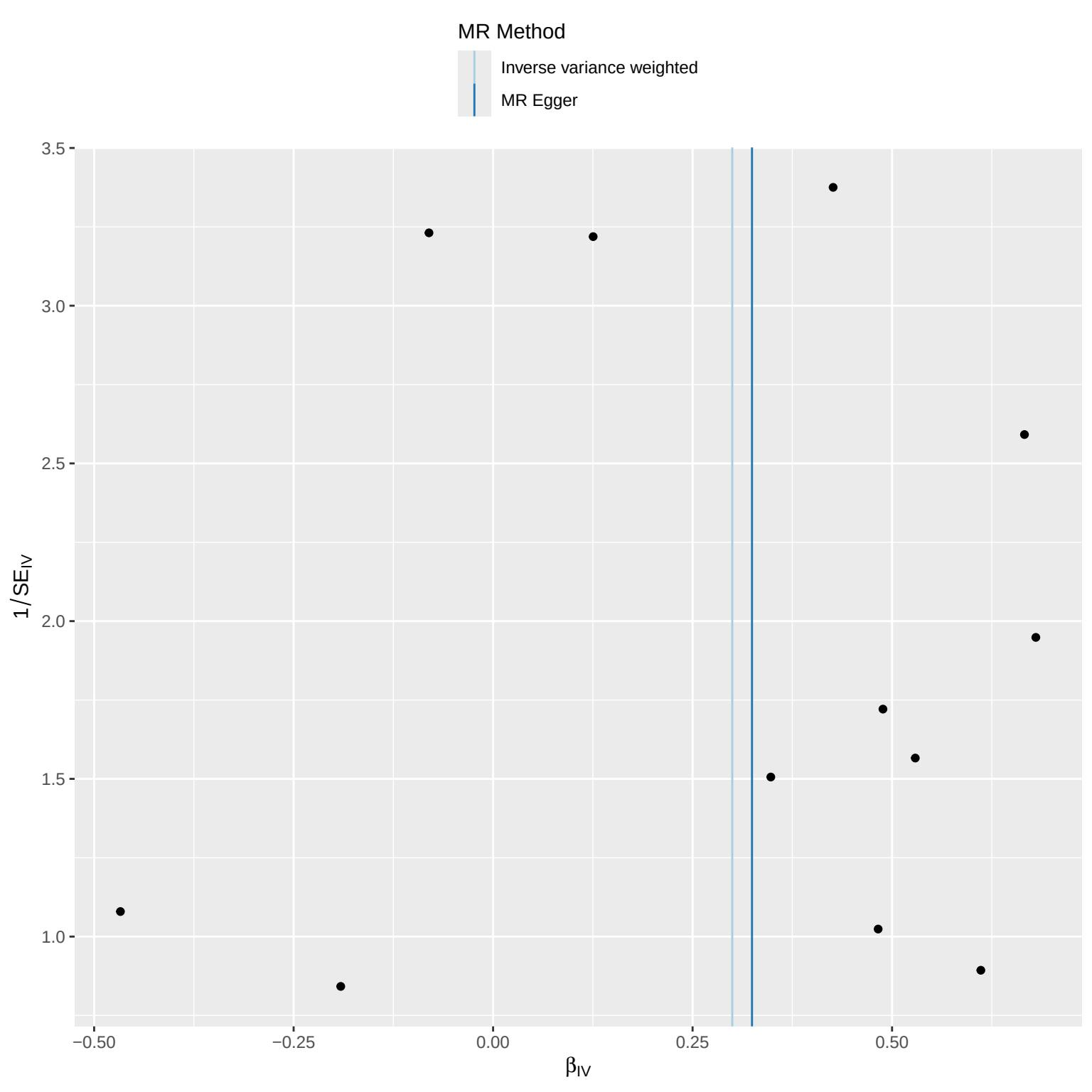

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
7.5
β_IV

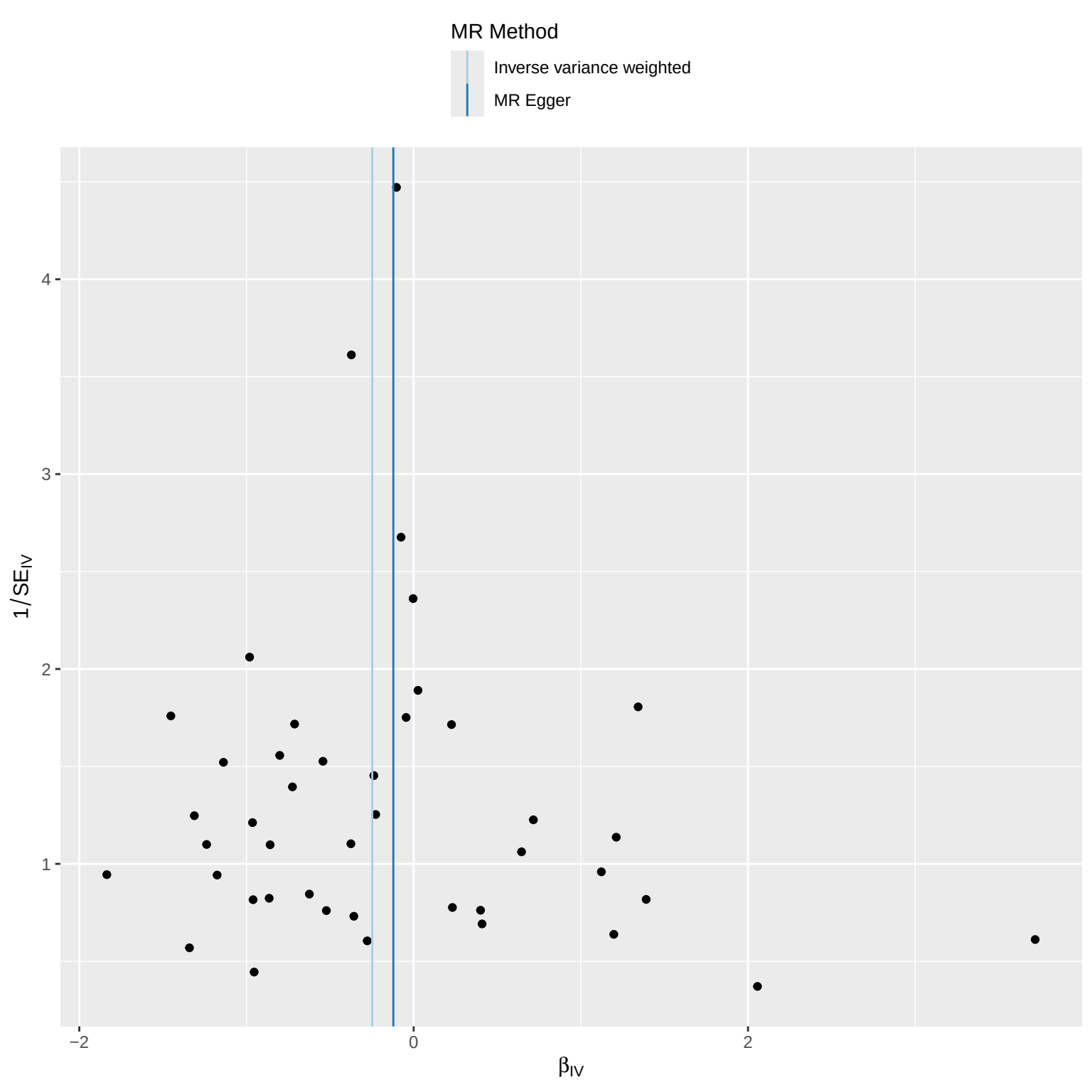

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−1
0
1
2
3
4

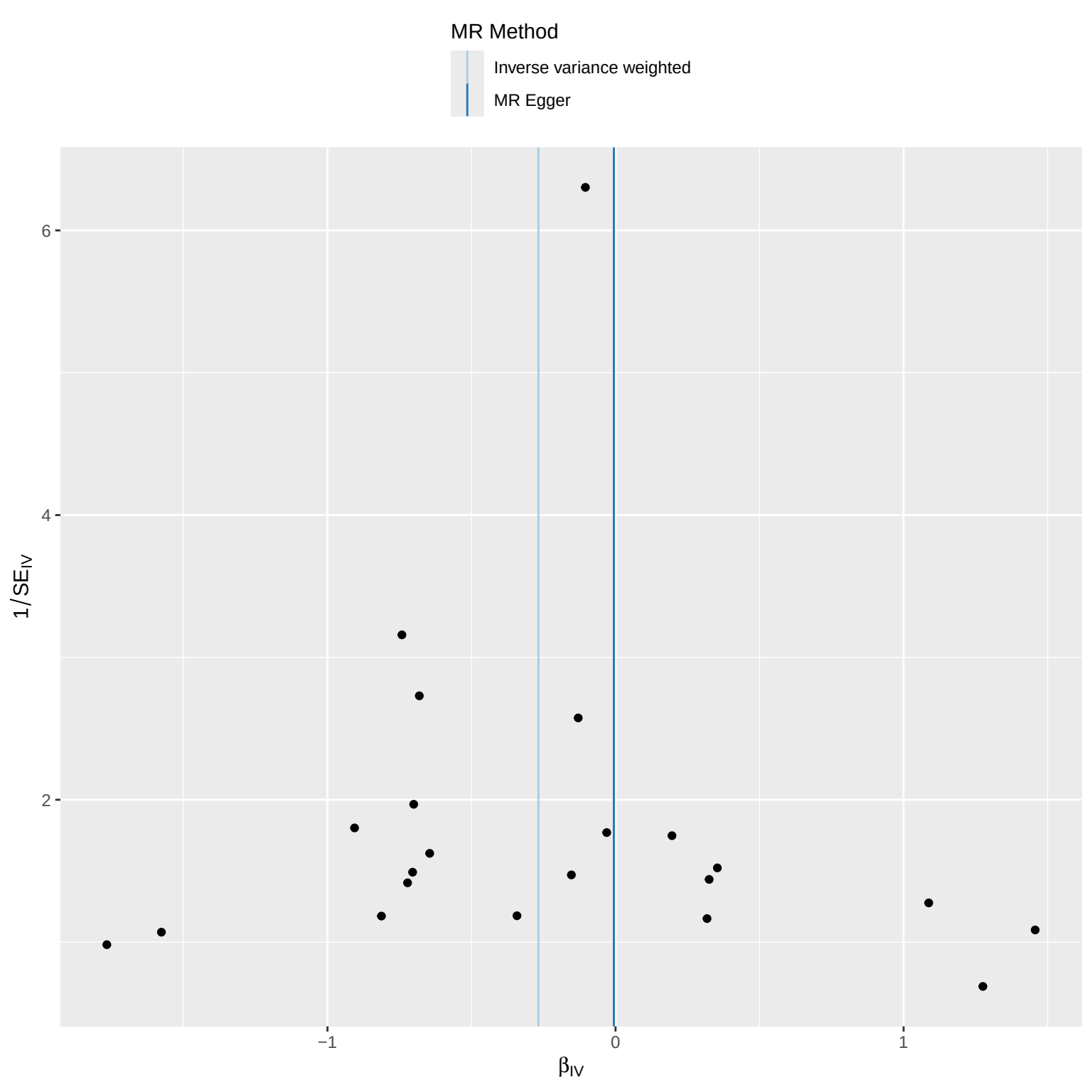

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

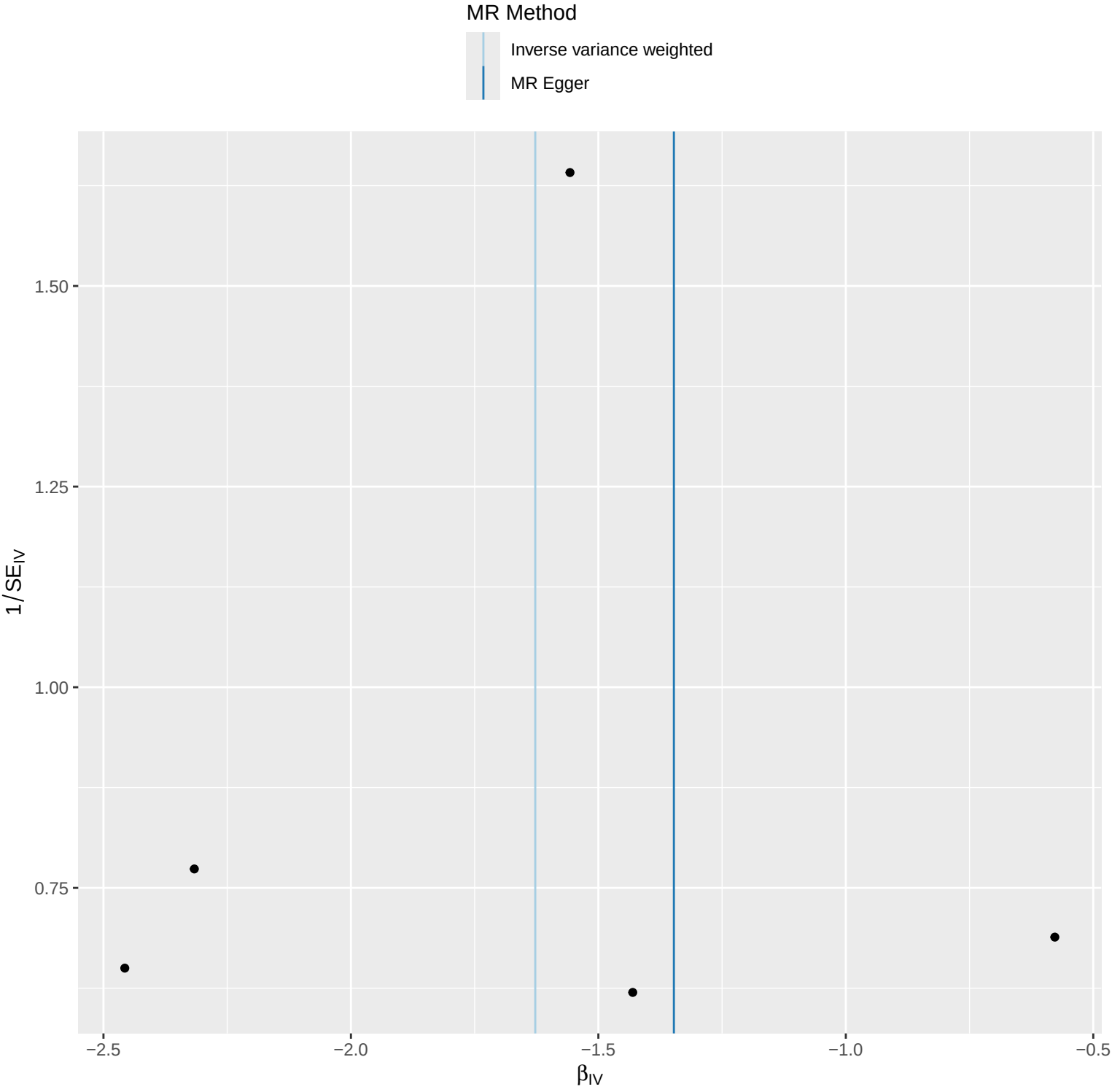

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
0.6
1/SE_IV
1
2
3
4
β_IV

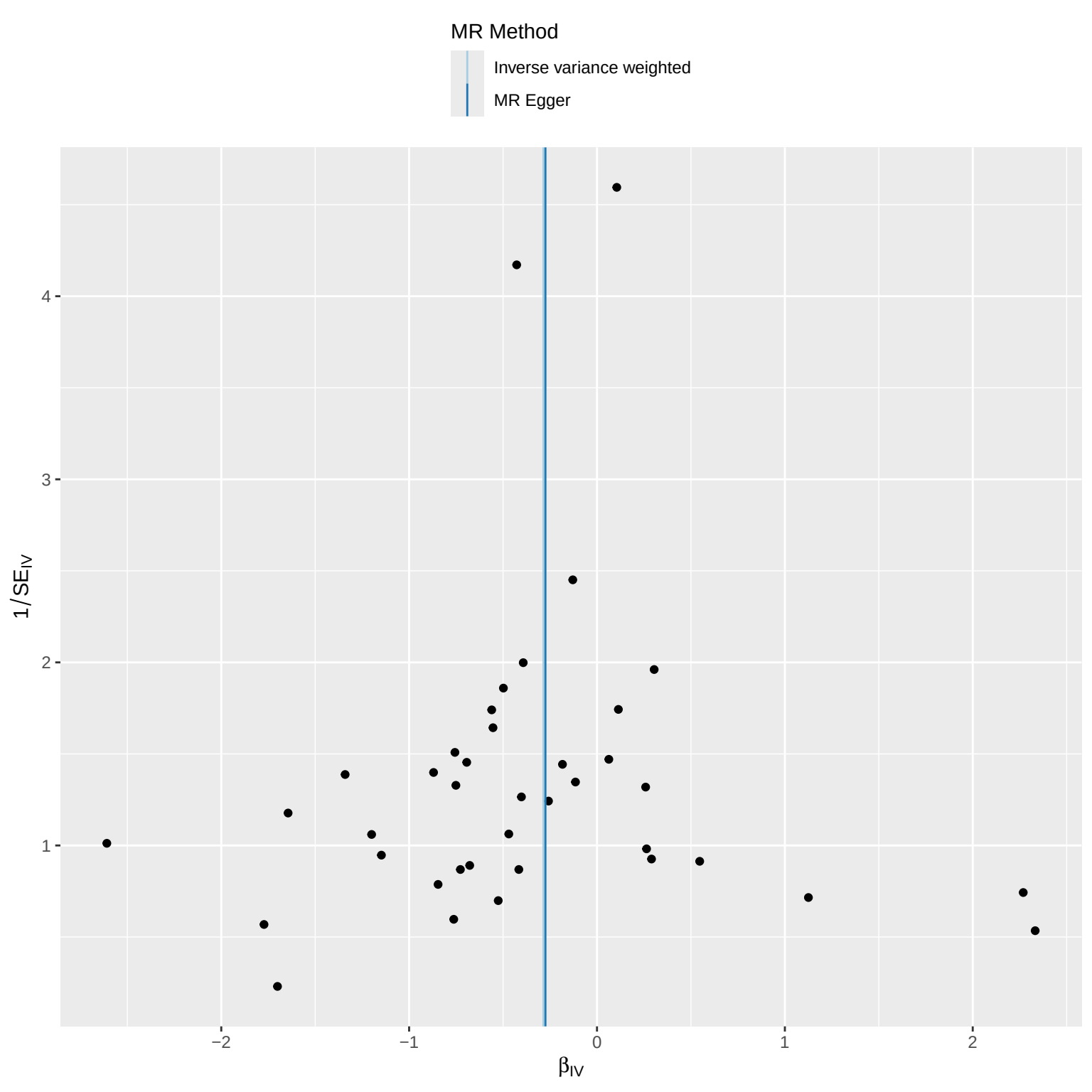

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
0
2
β_IV

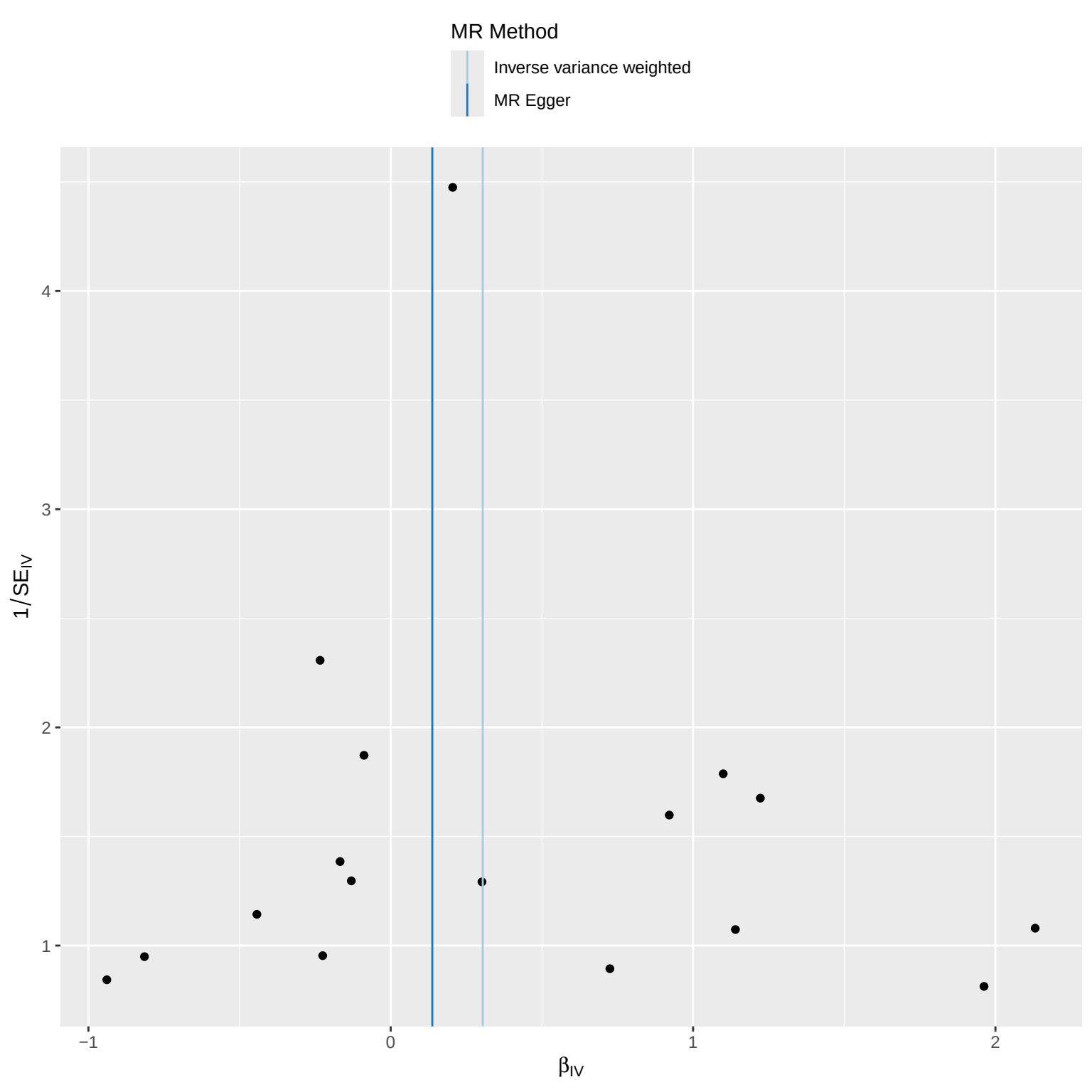

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.50
−0.25
0.00
0.25
0.50
β_IV

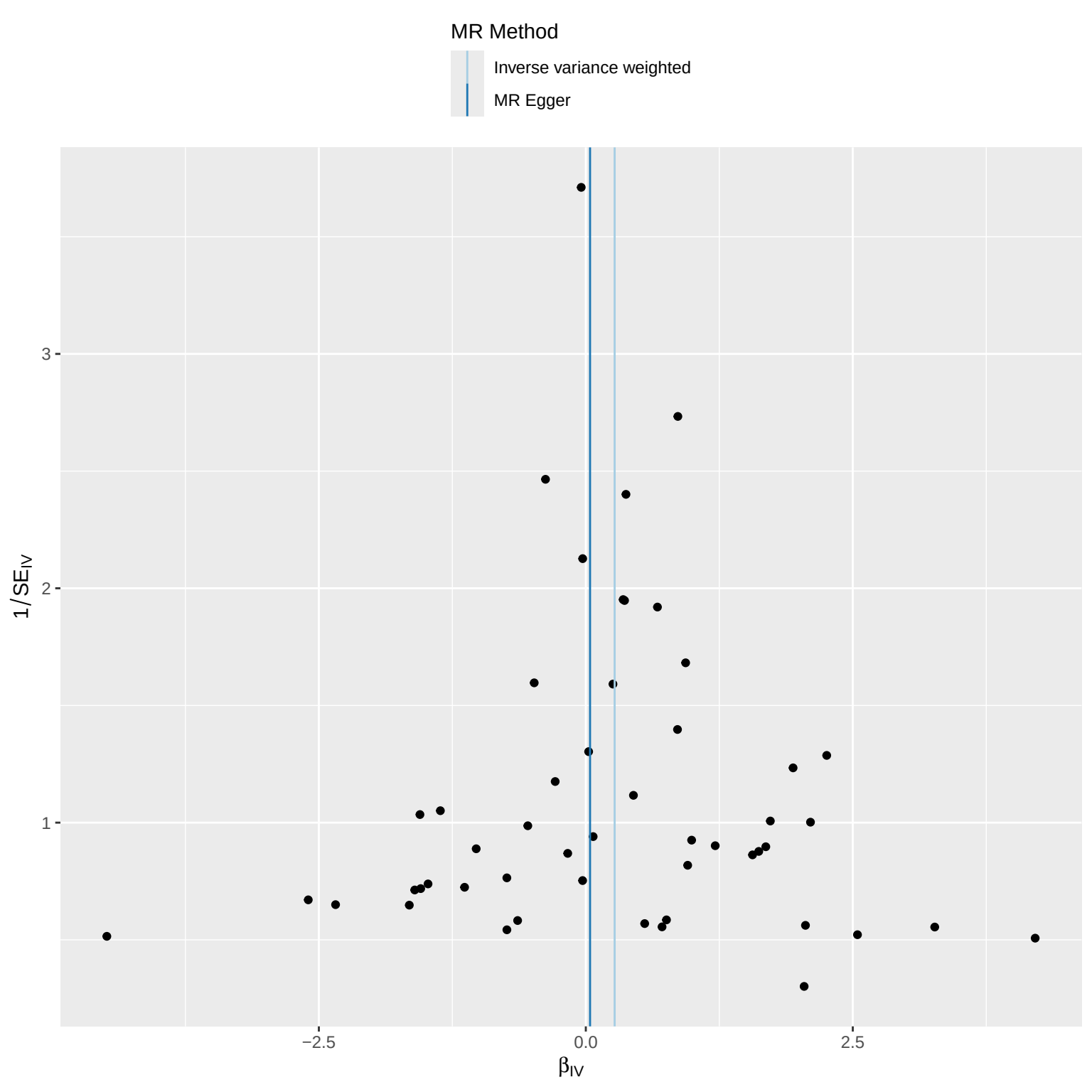

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

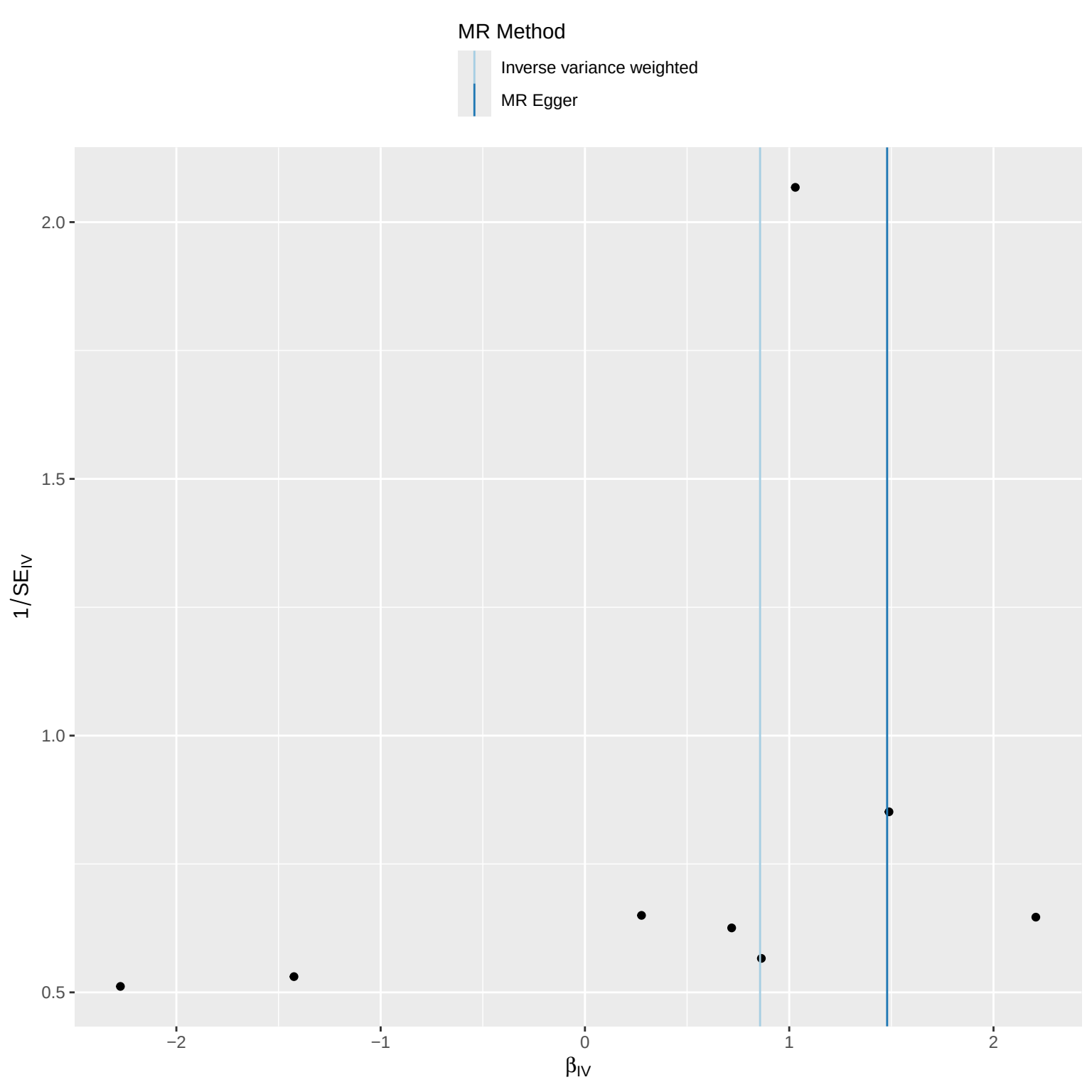

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

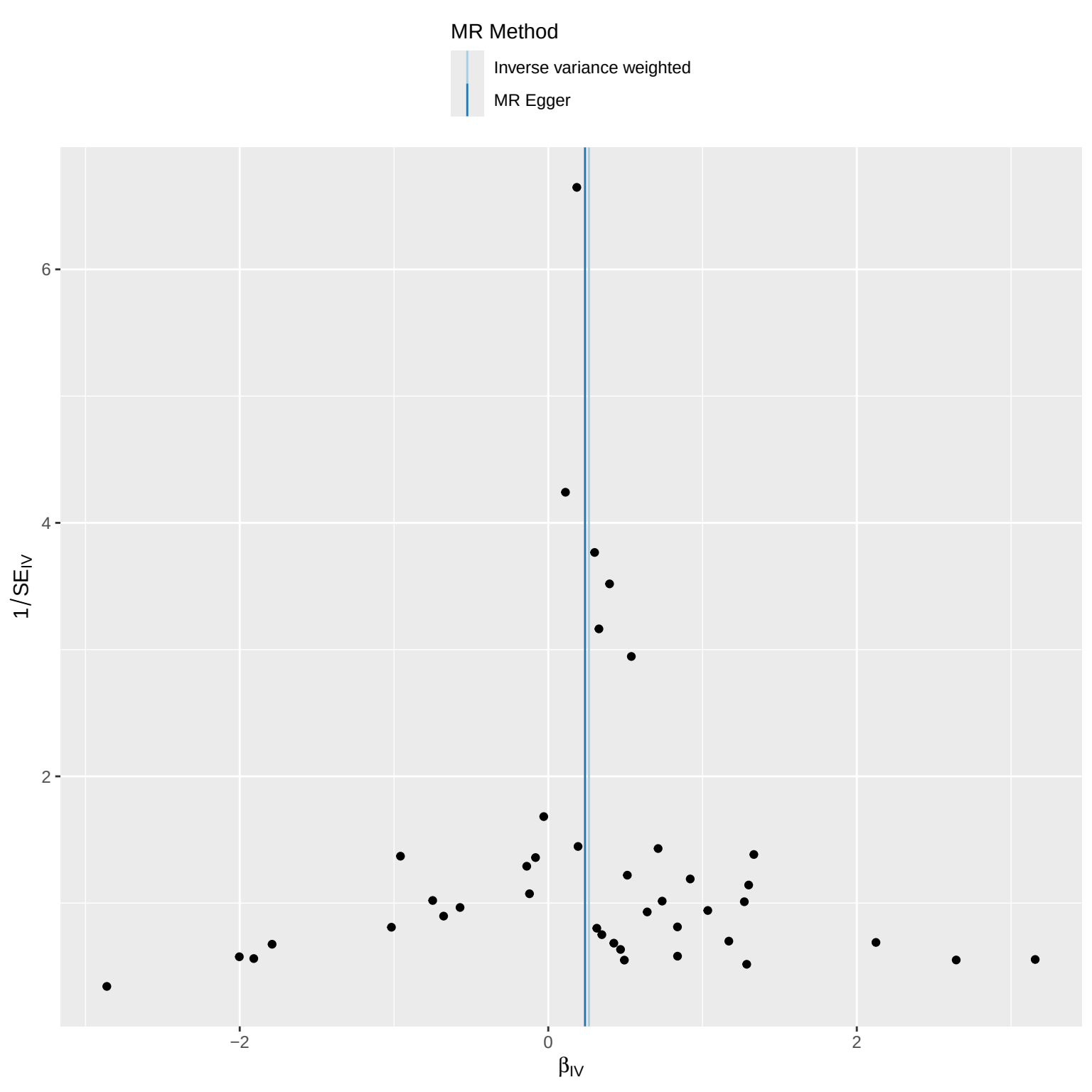

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

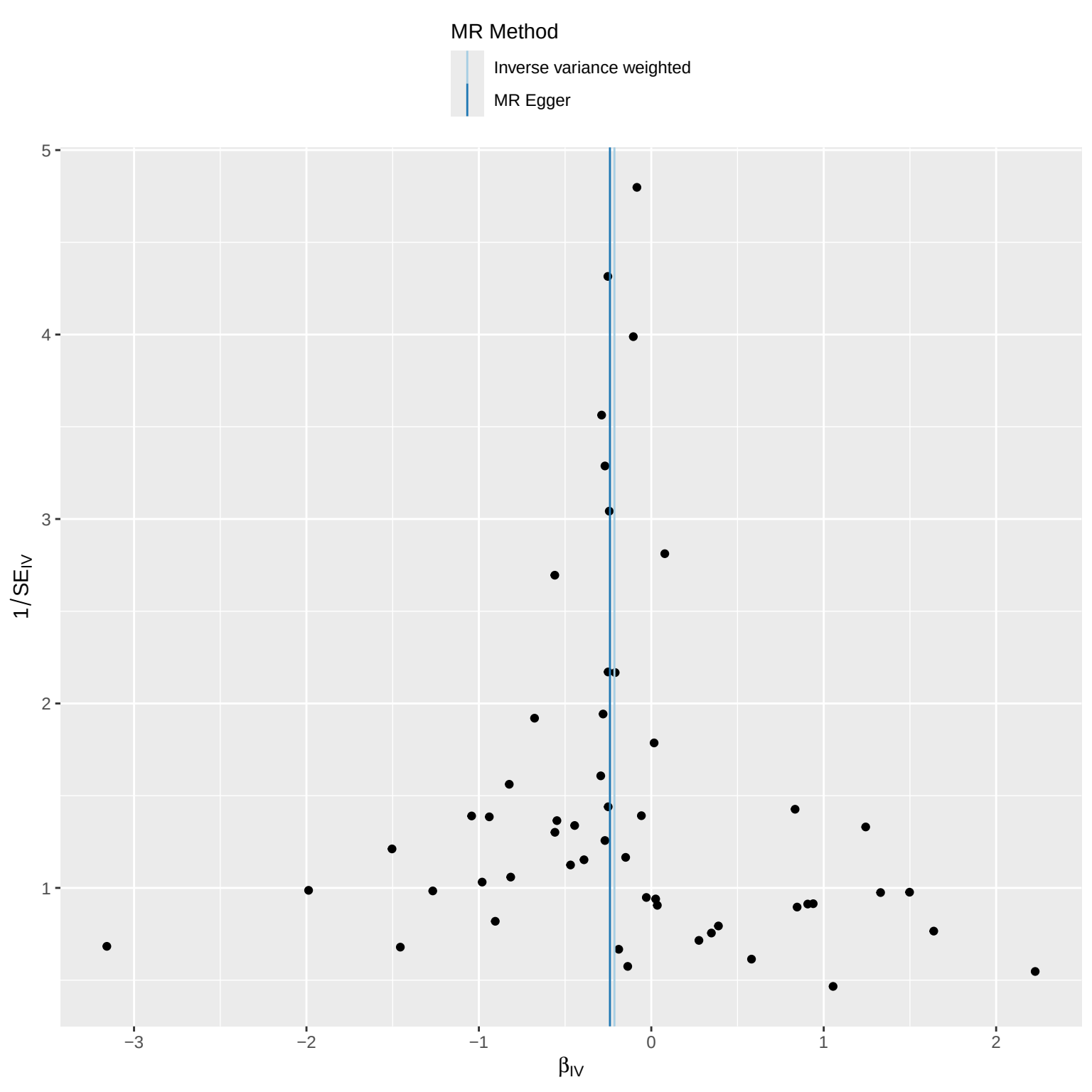

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

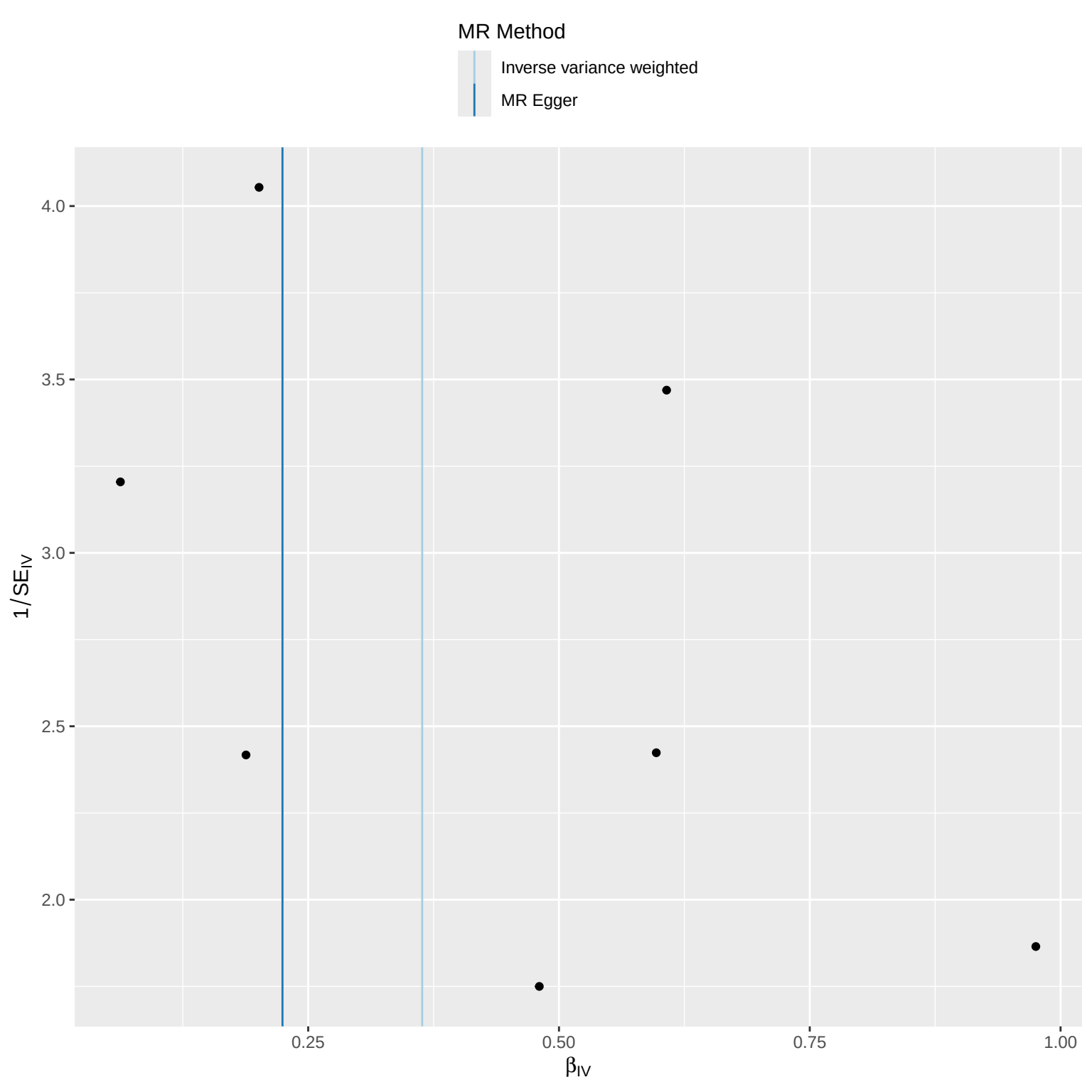

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

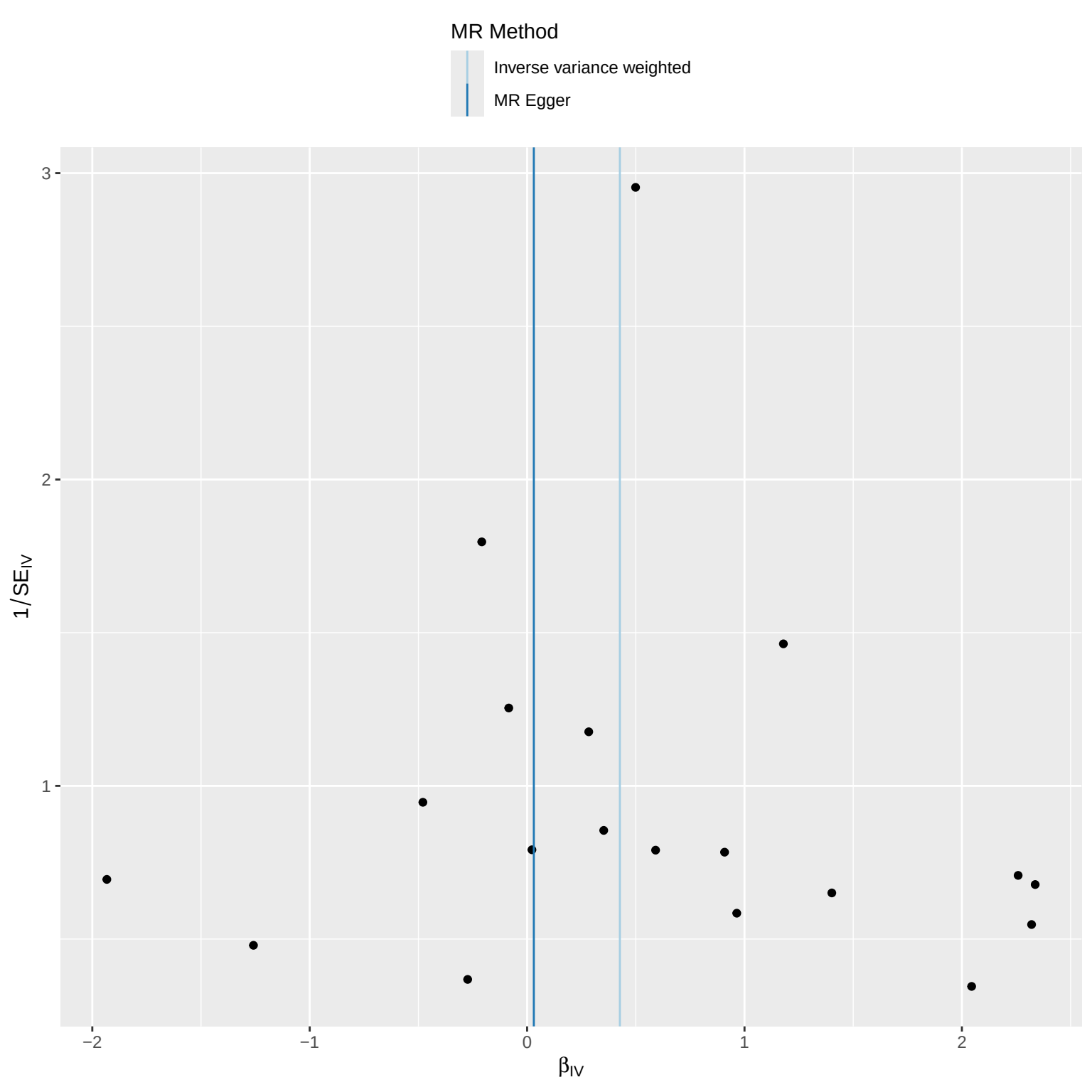

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

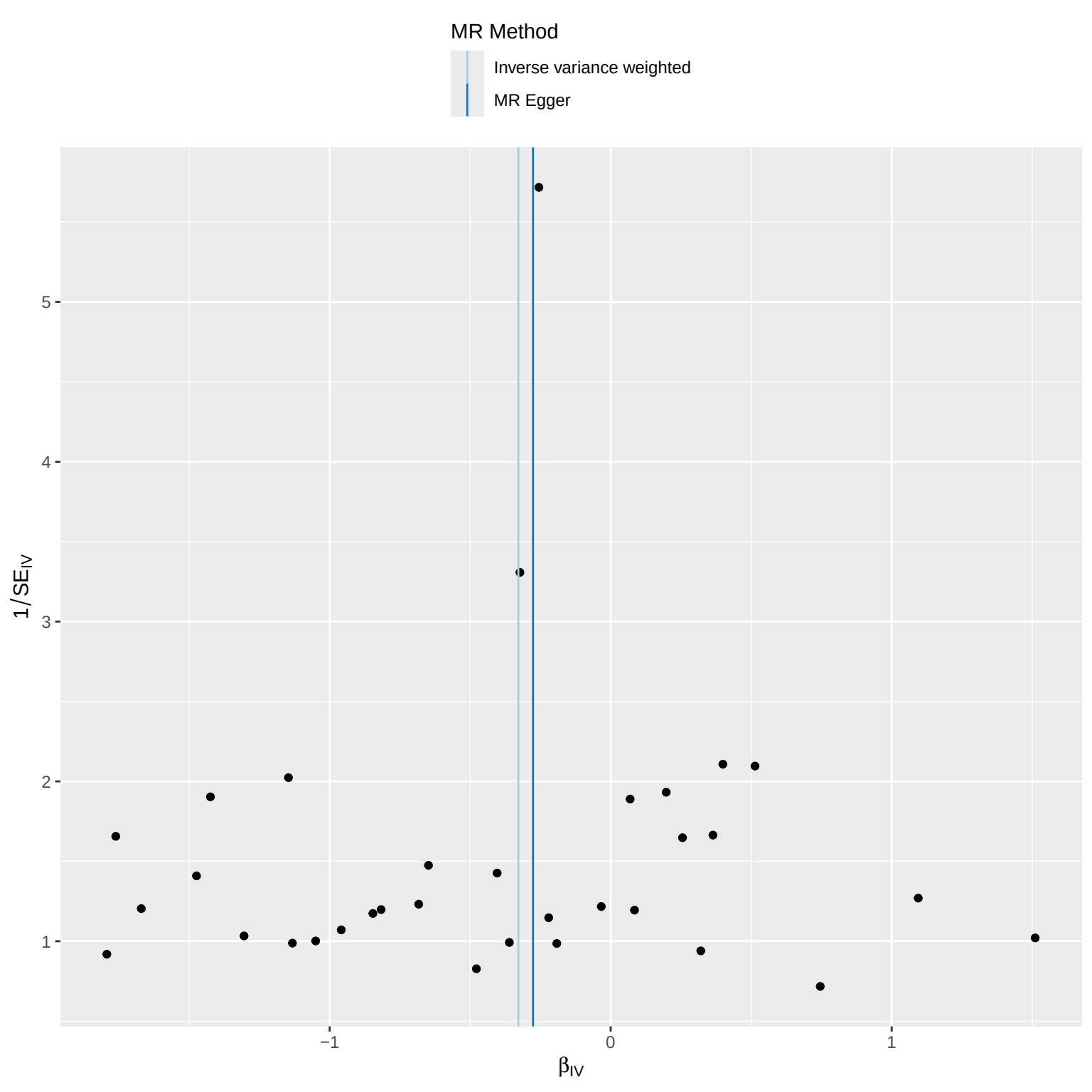

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

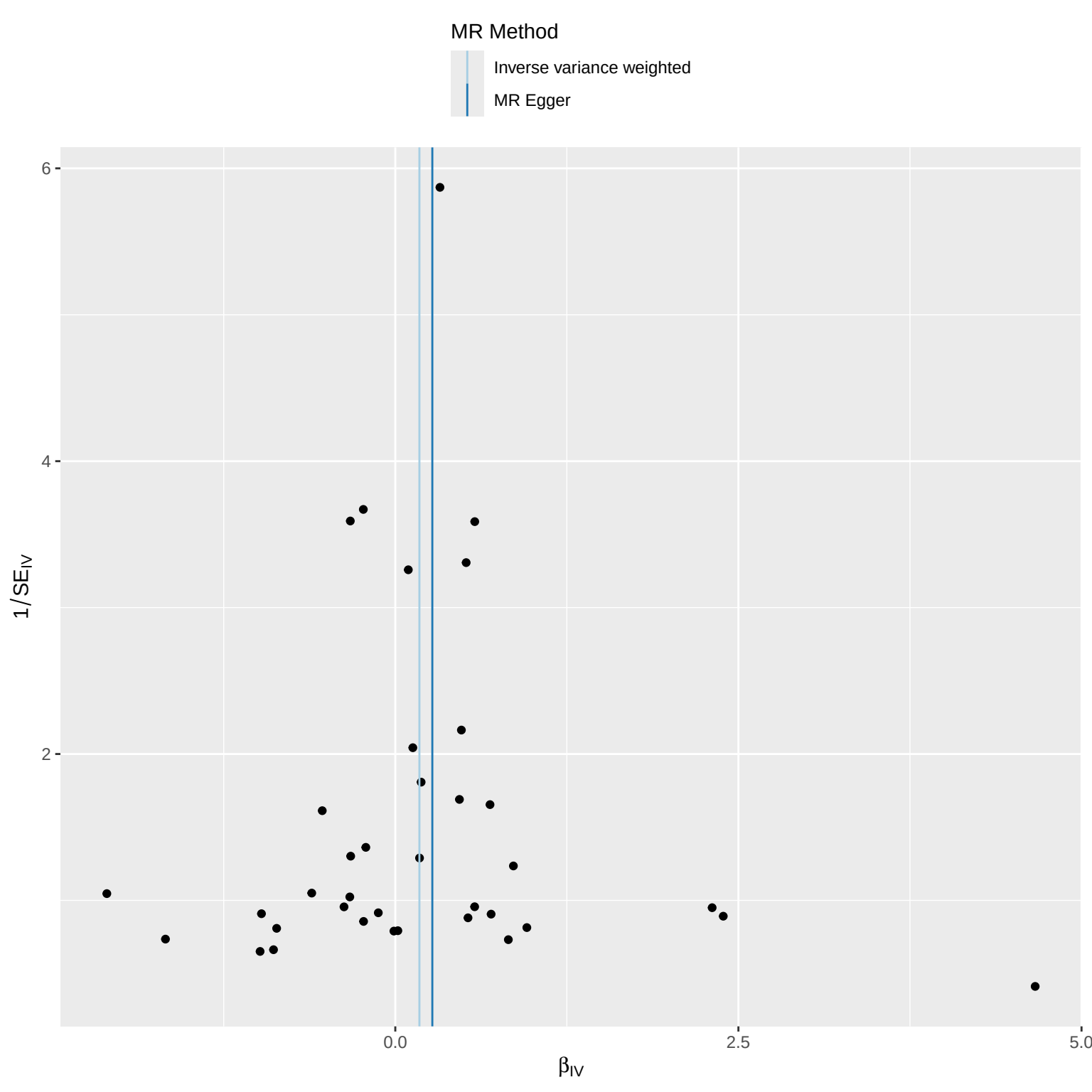

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

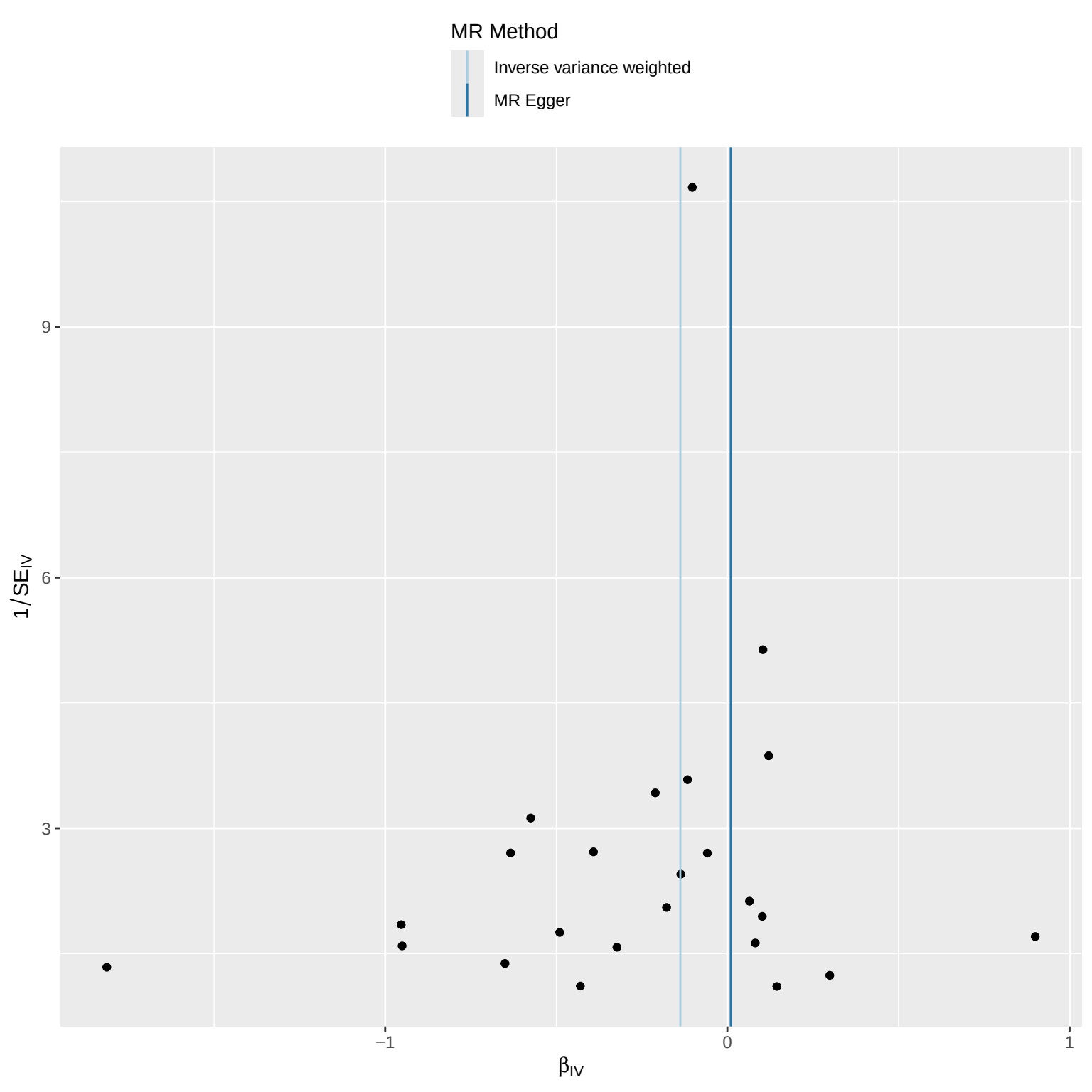

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

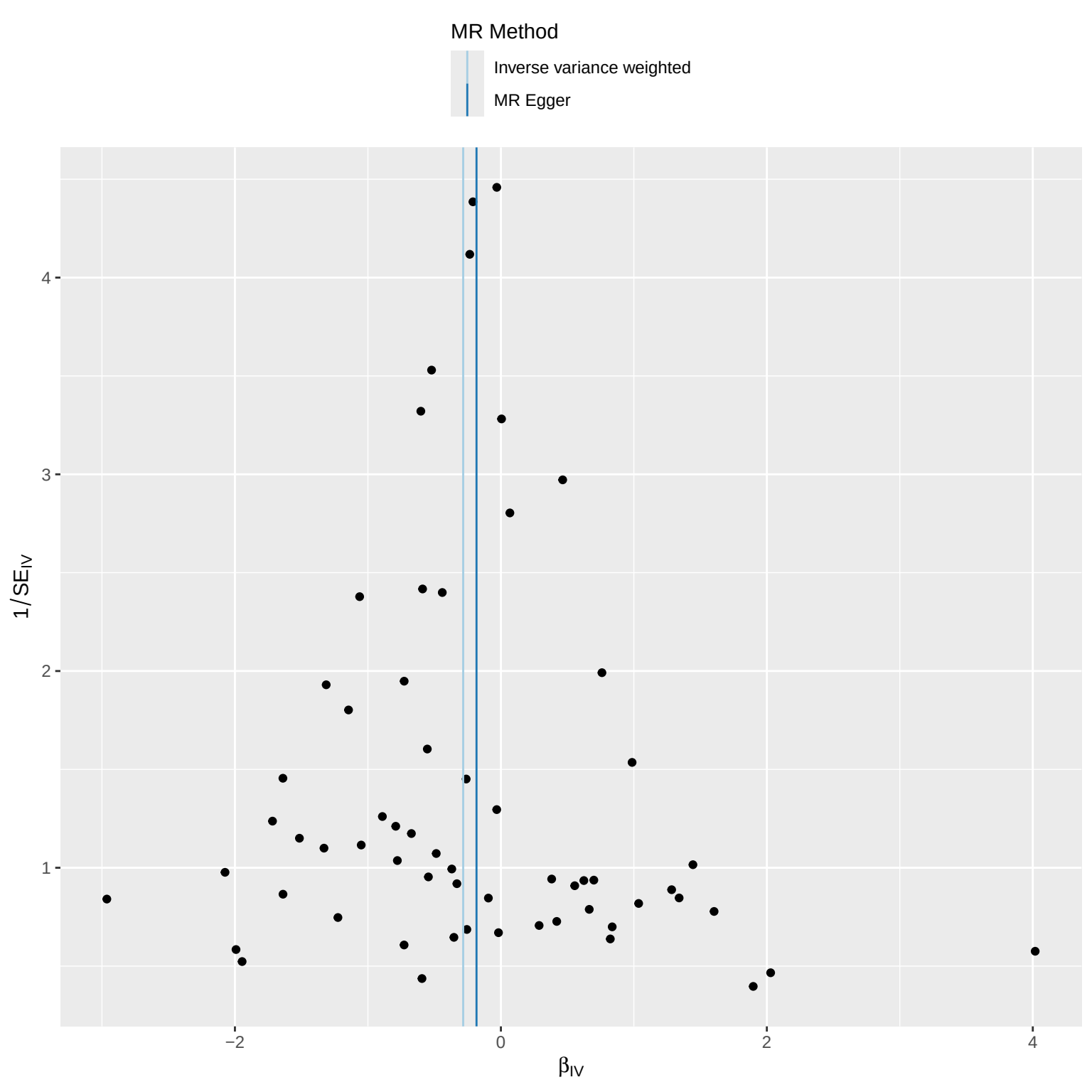

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
2.0
1/SE_IV
0.25
0.50
0.75
1.00
β_IV

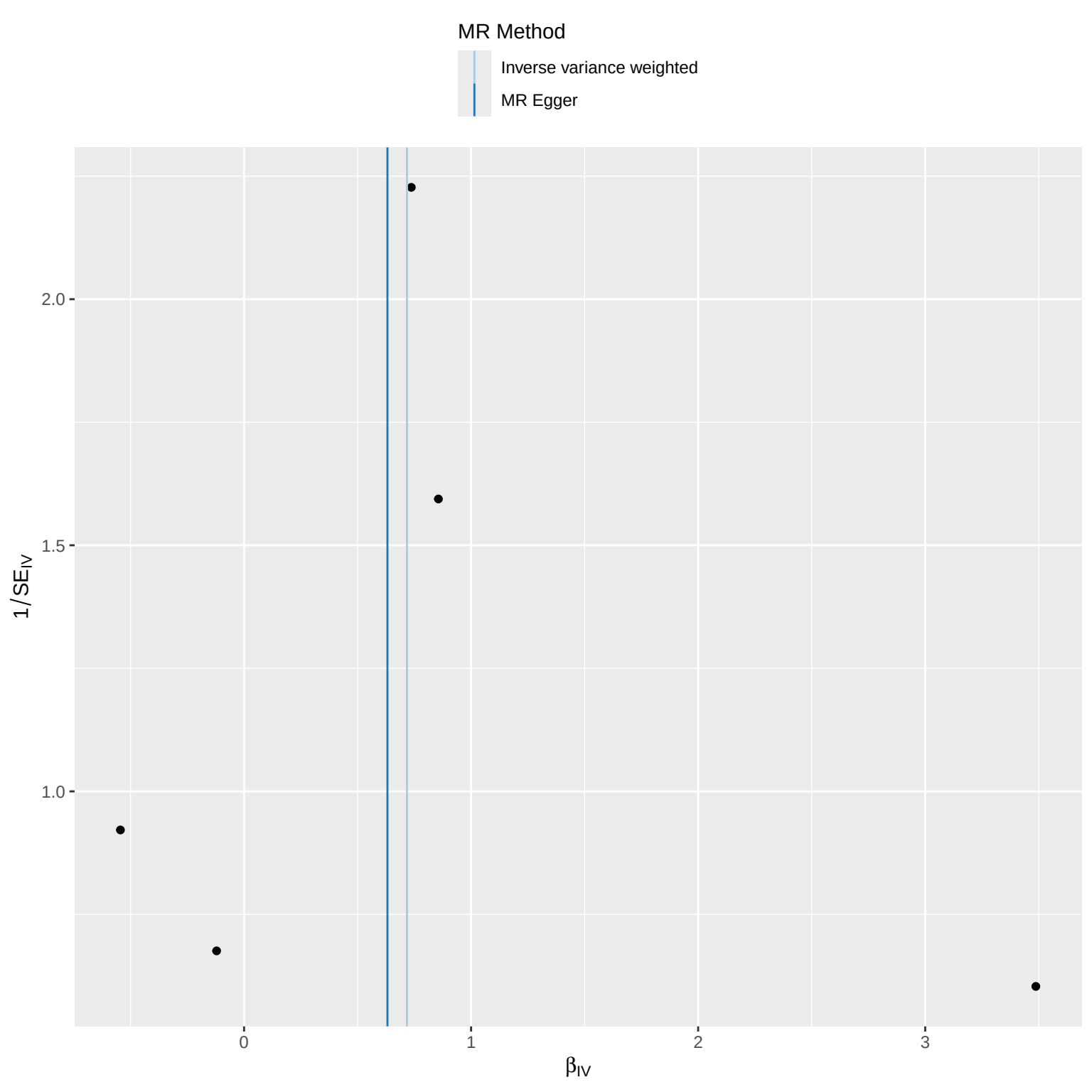

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

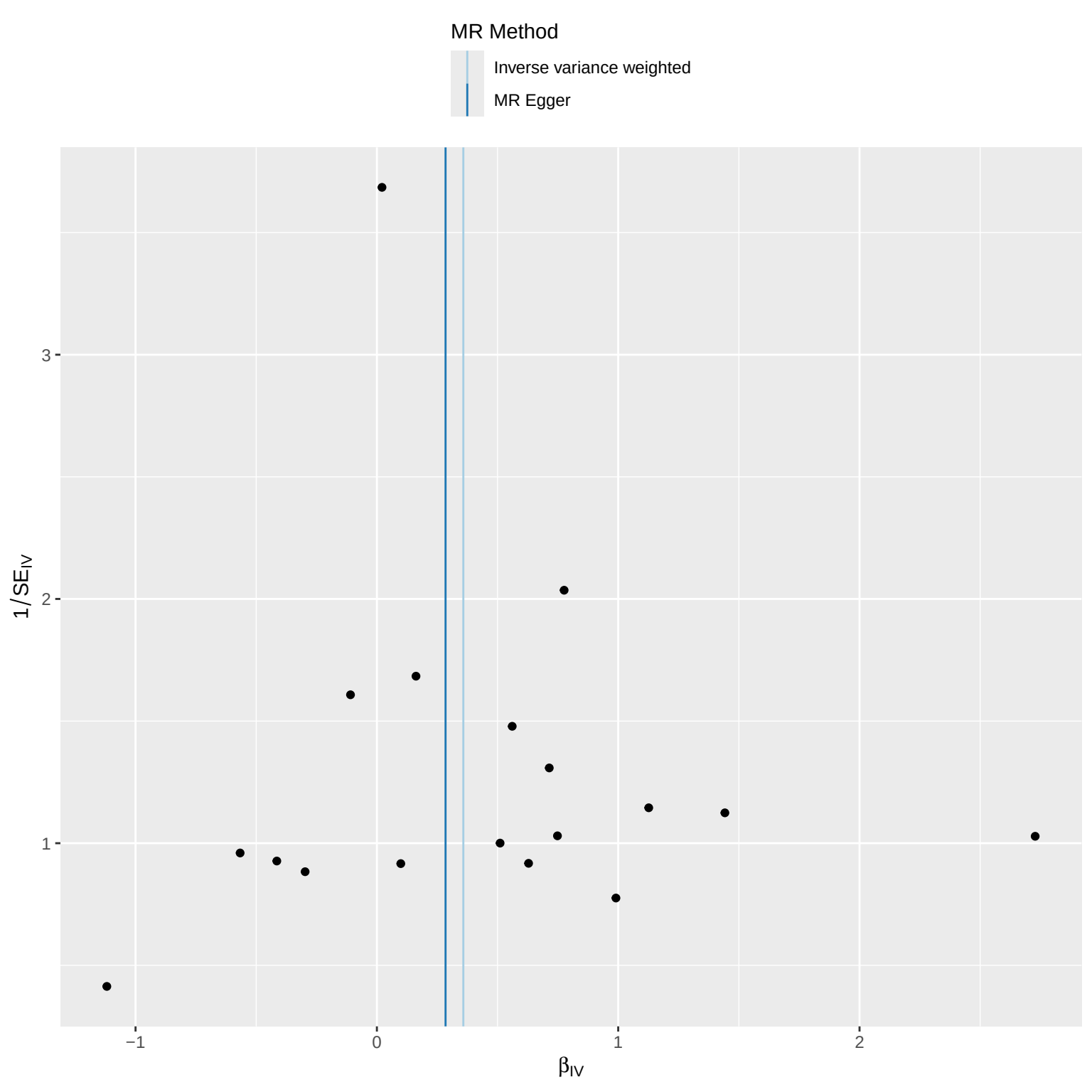

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

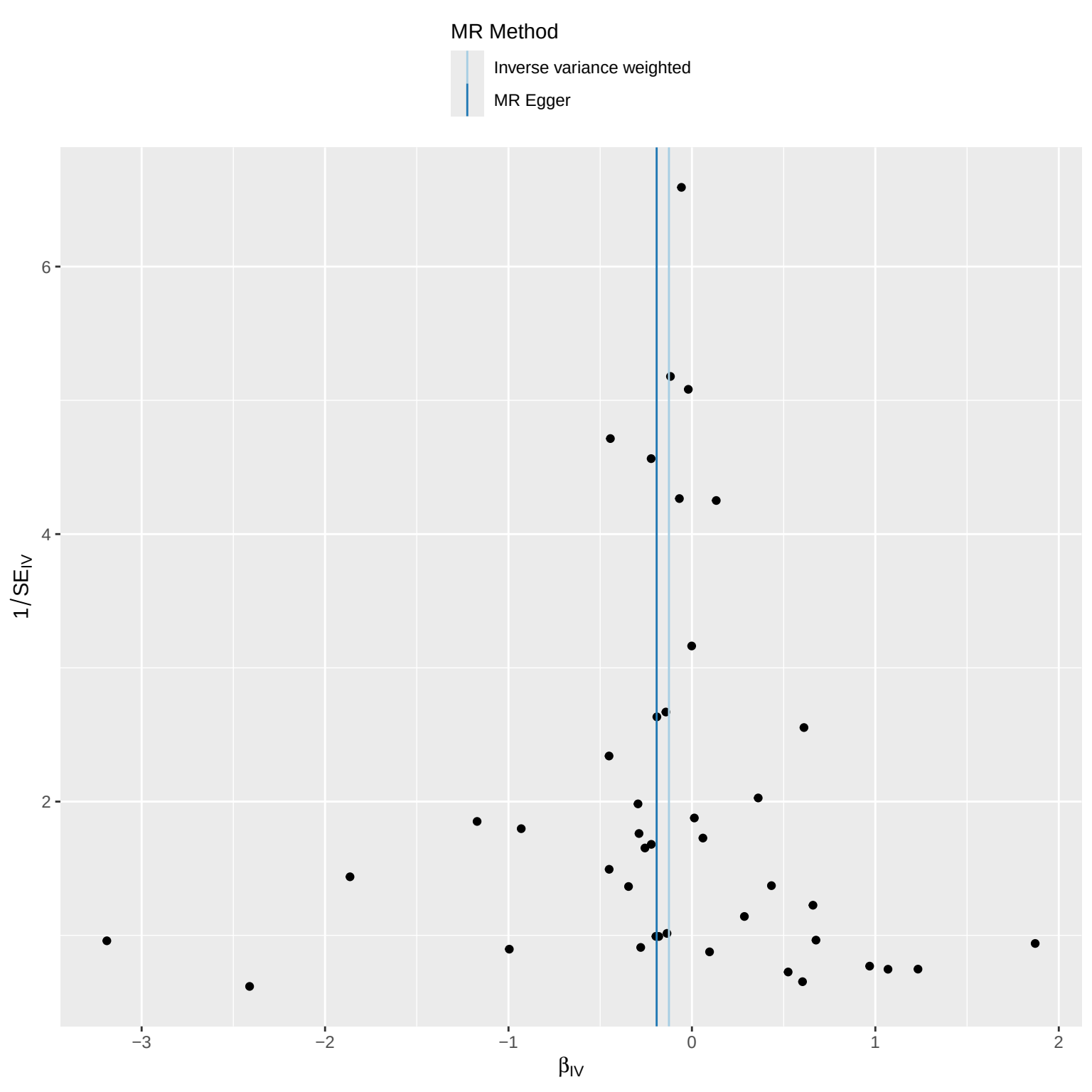

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
2.5
5.0
β_IV

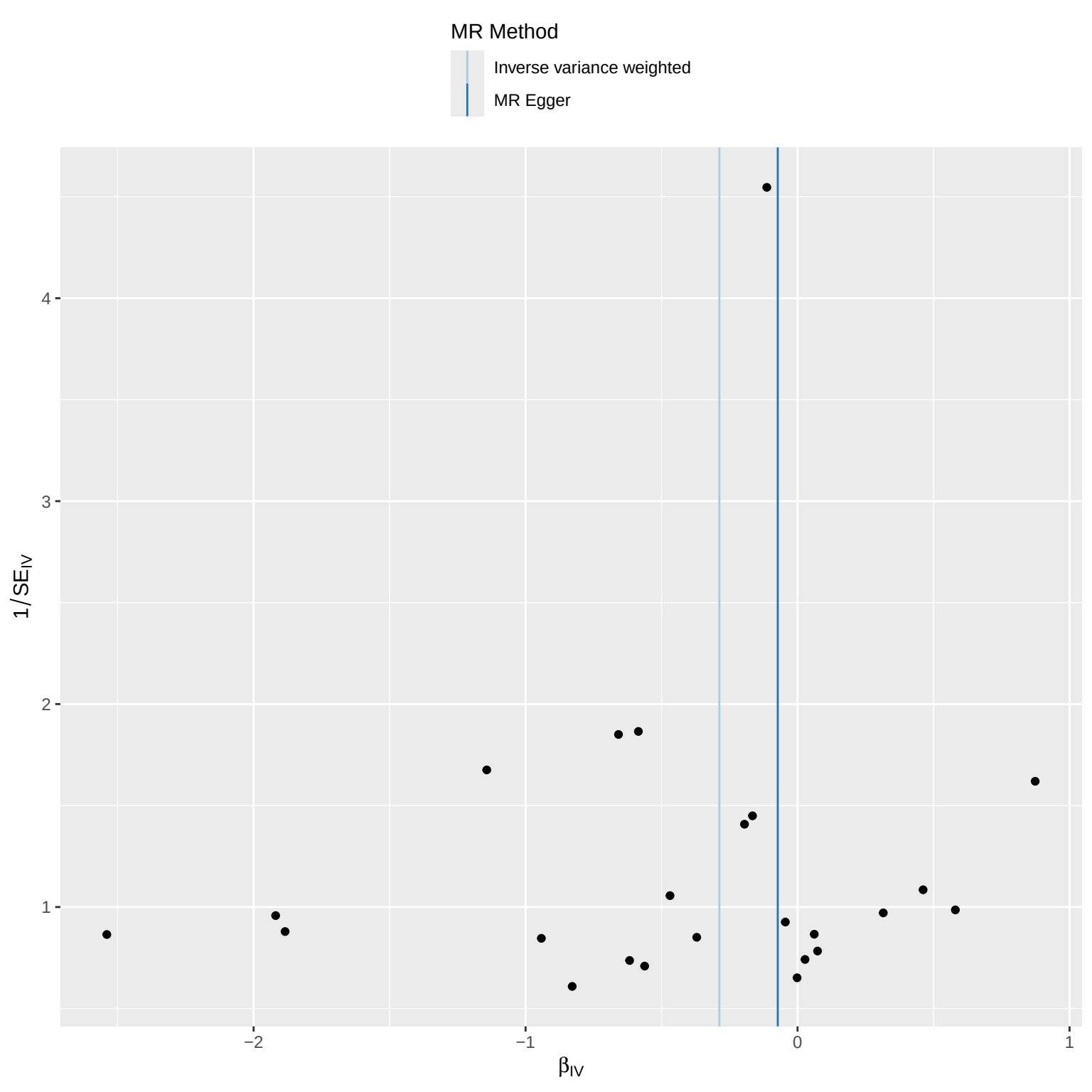

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1
0
1
β_IV

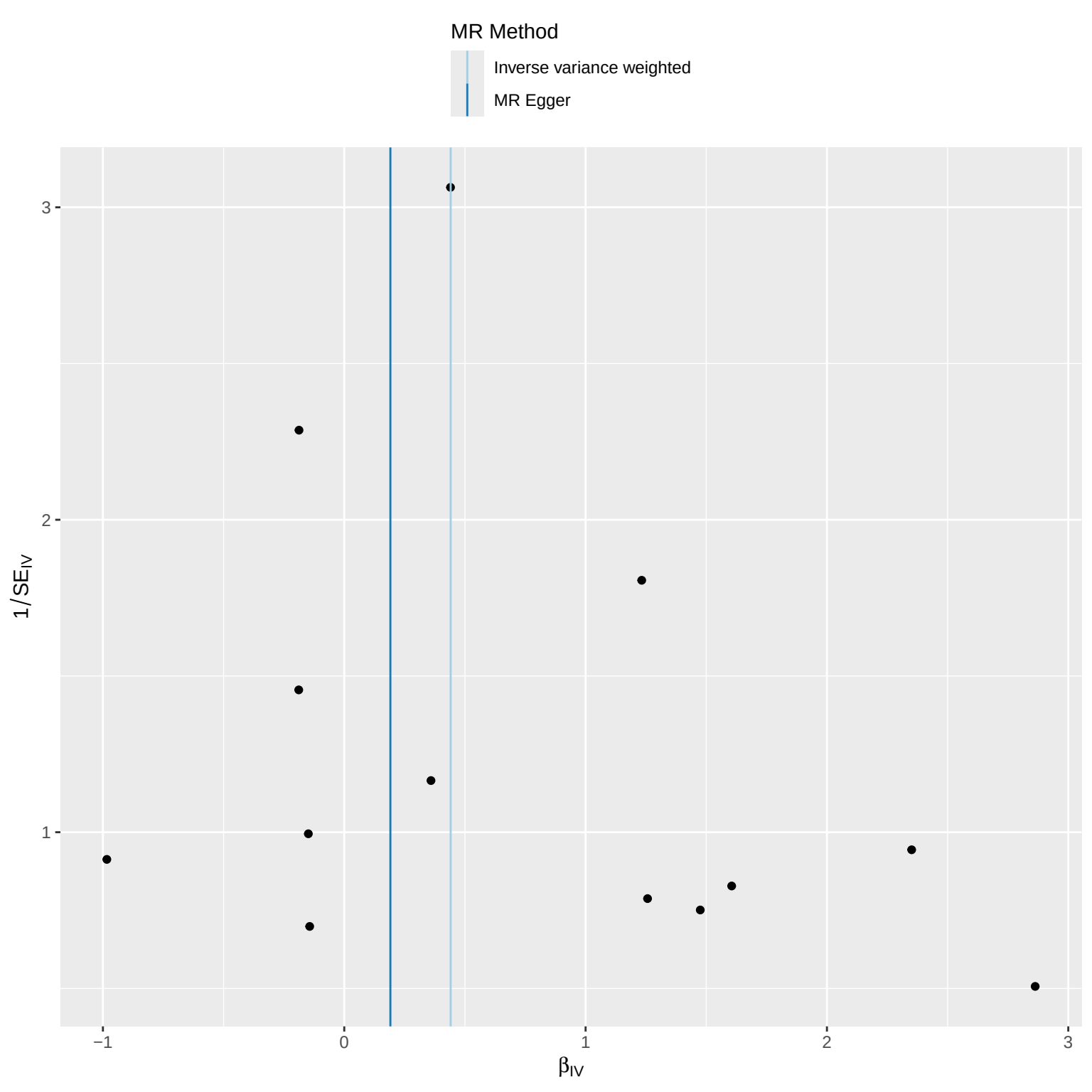

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

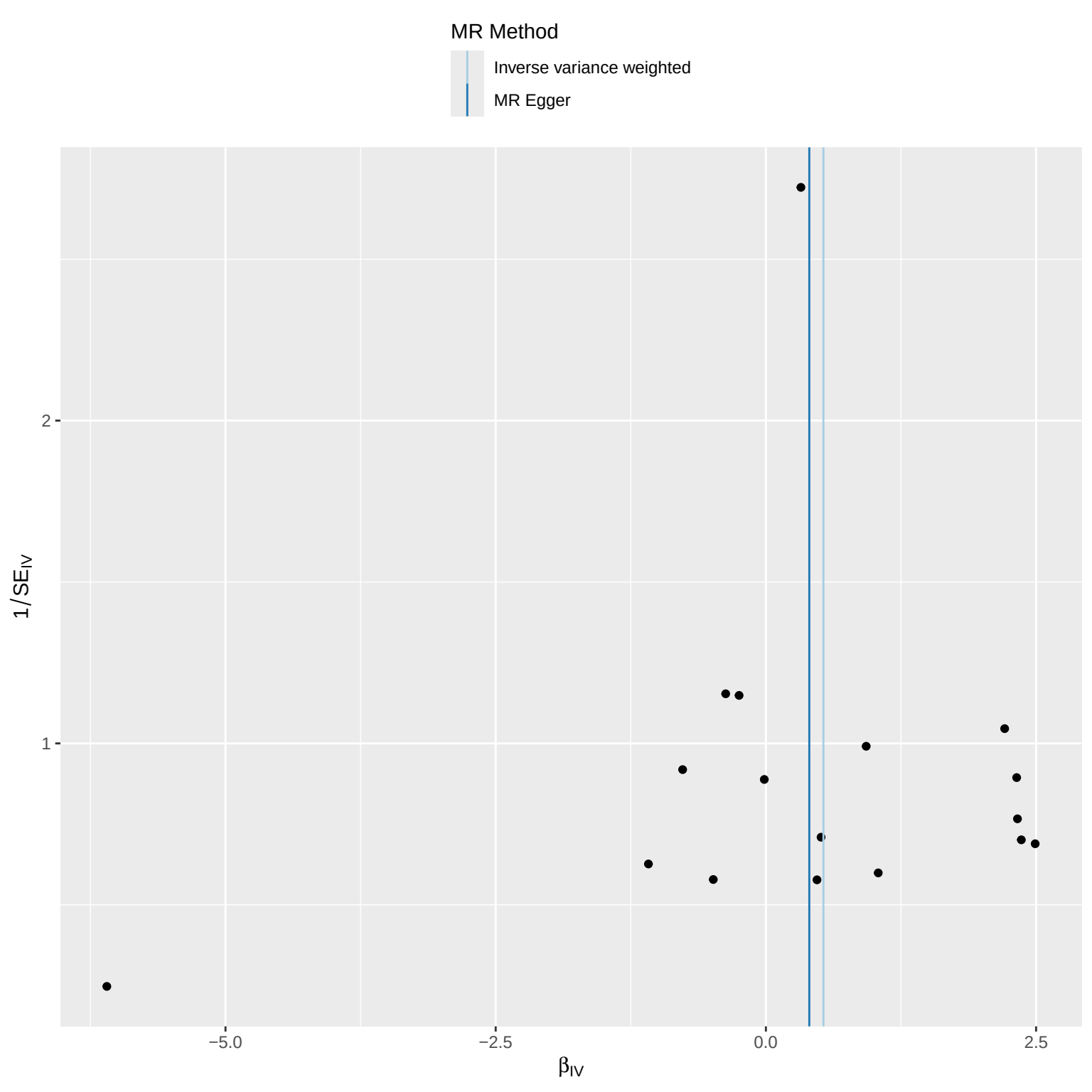

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0
1
2
3
β_IV

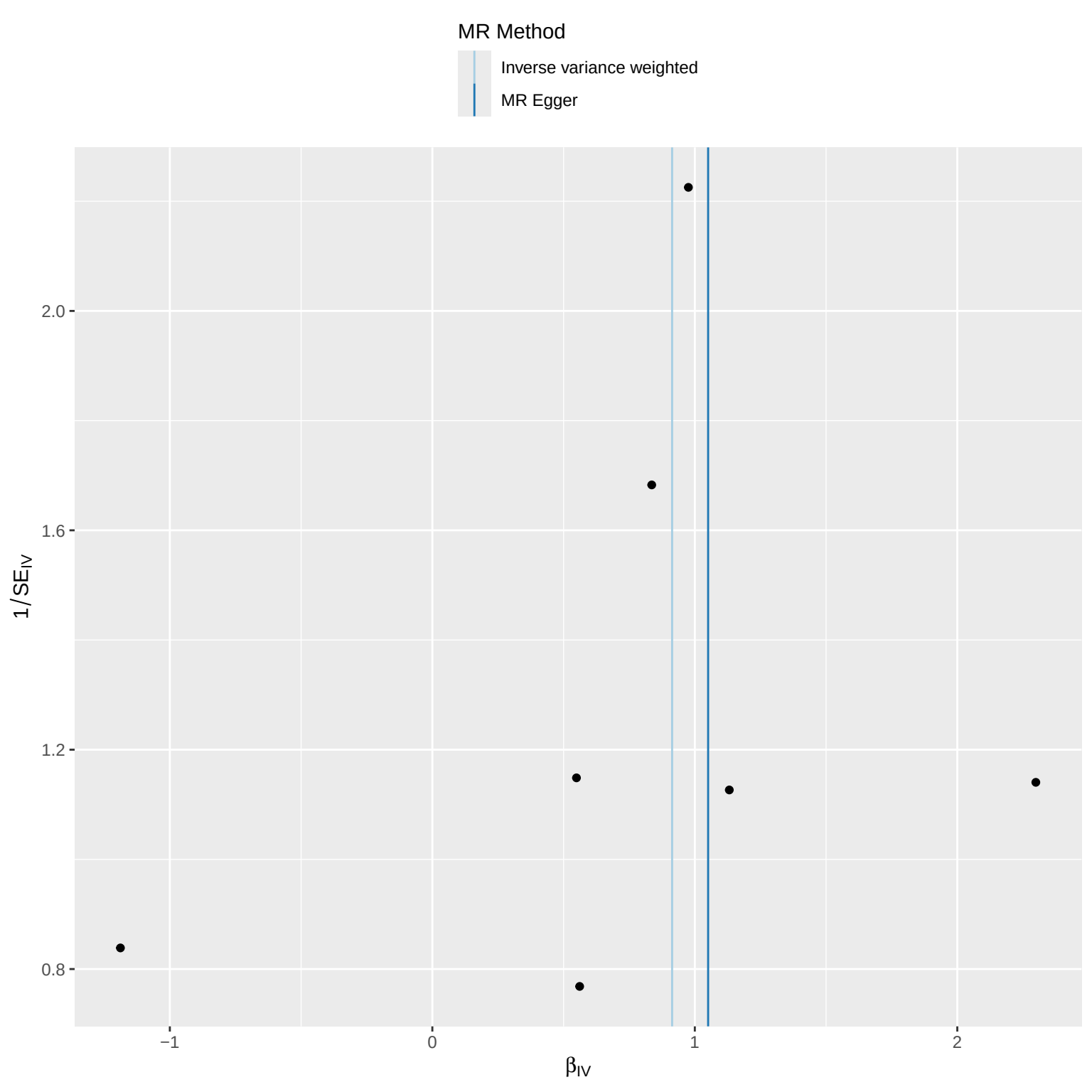

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

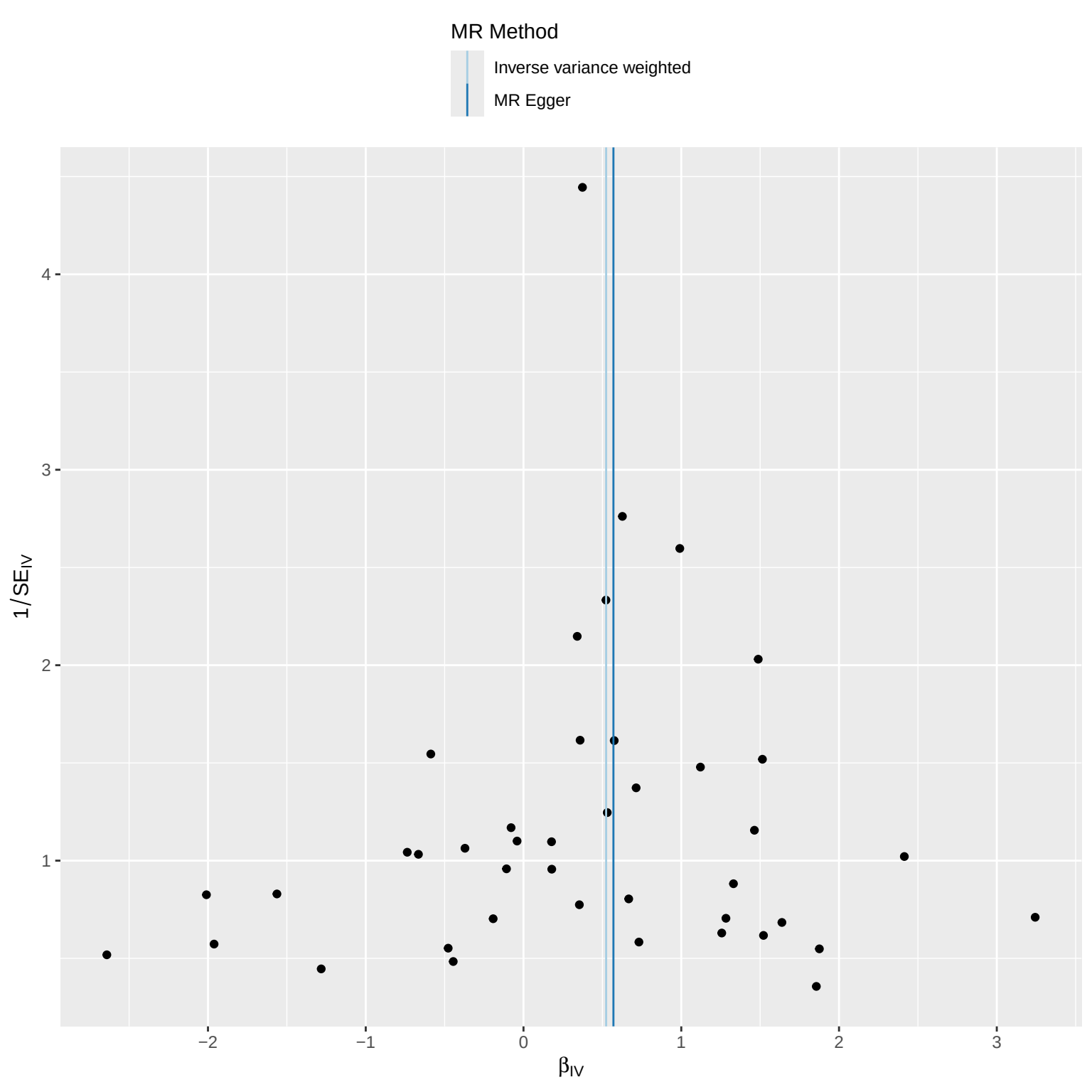

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

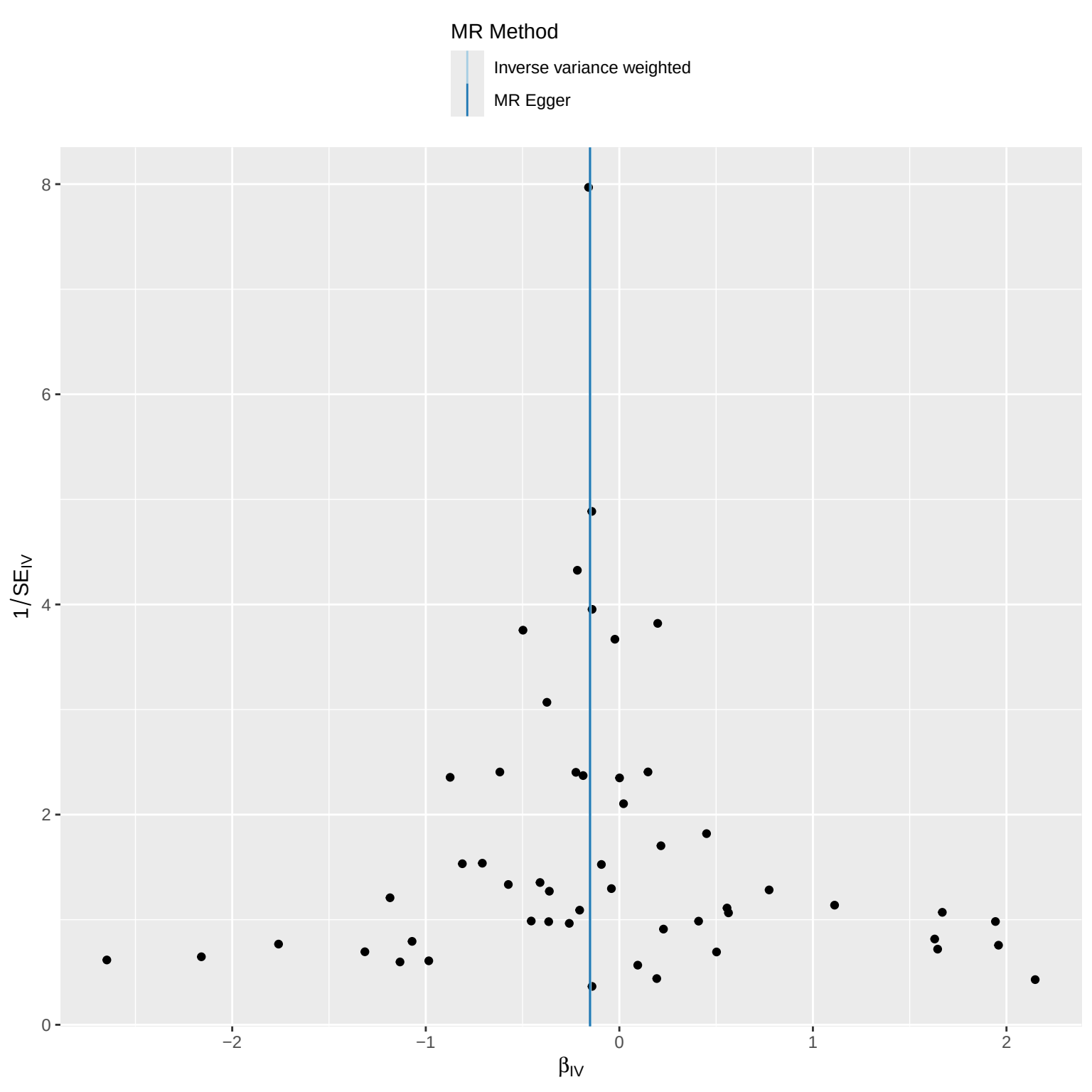

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

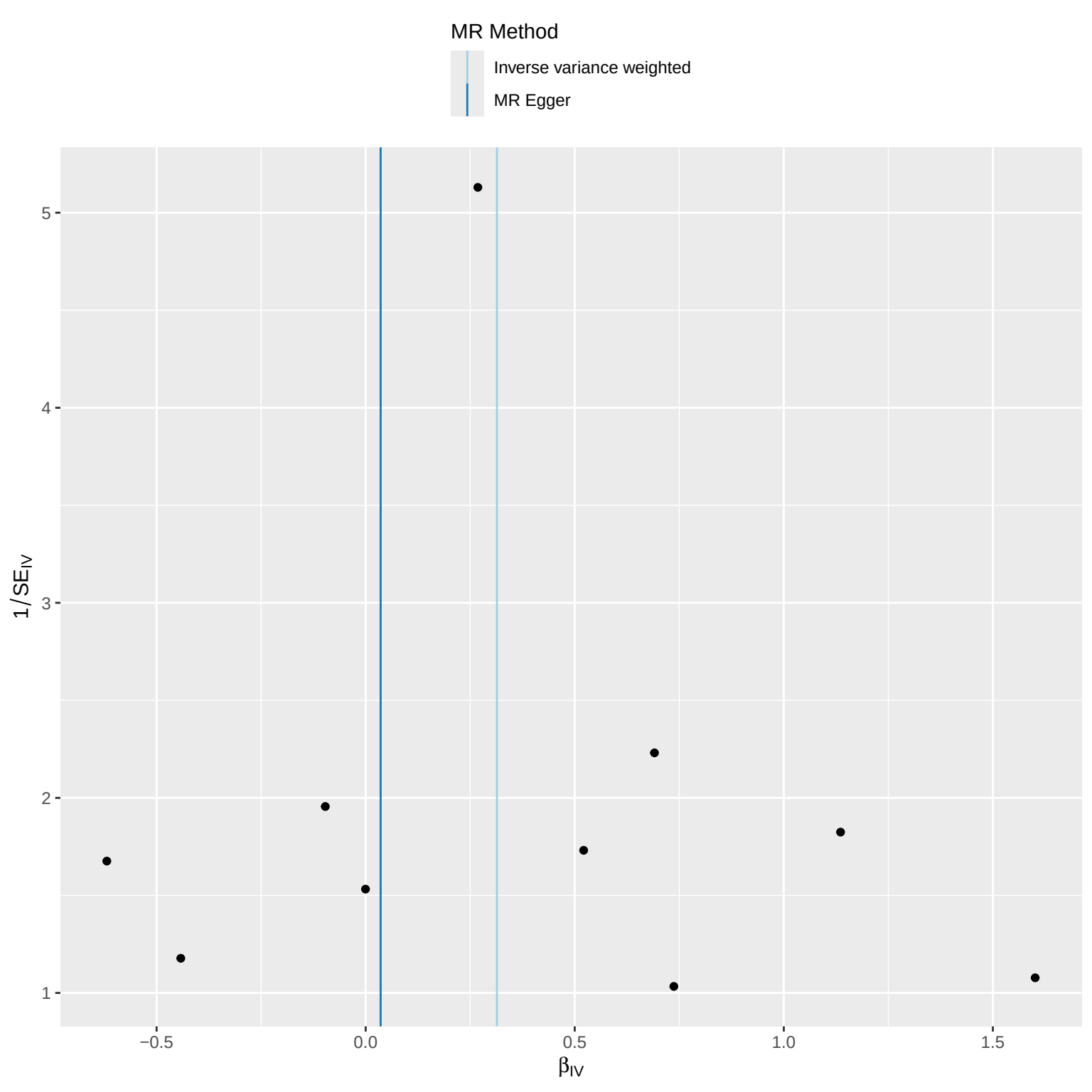

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

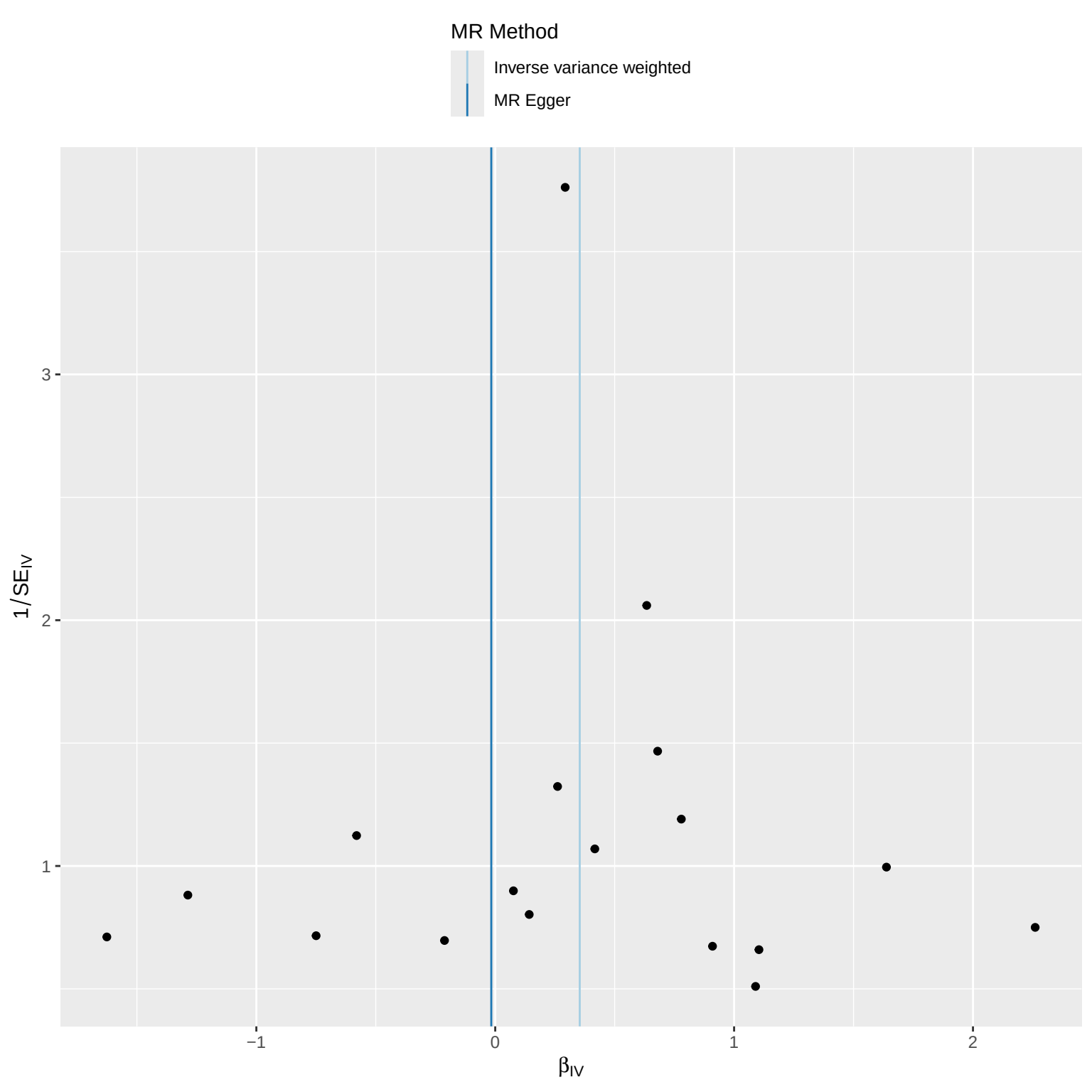

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

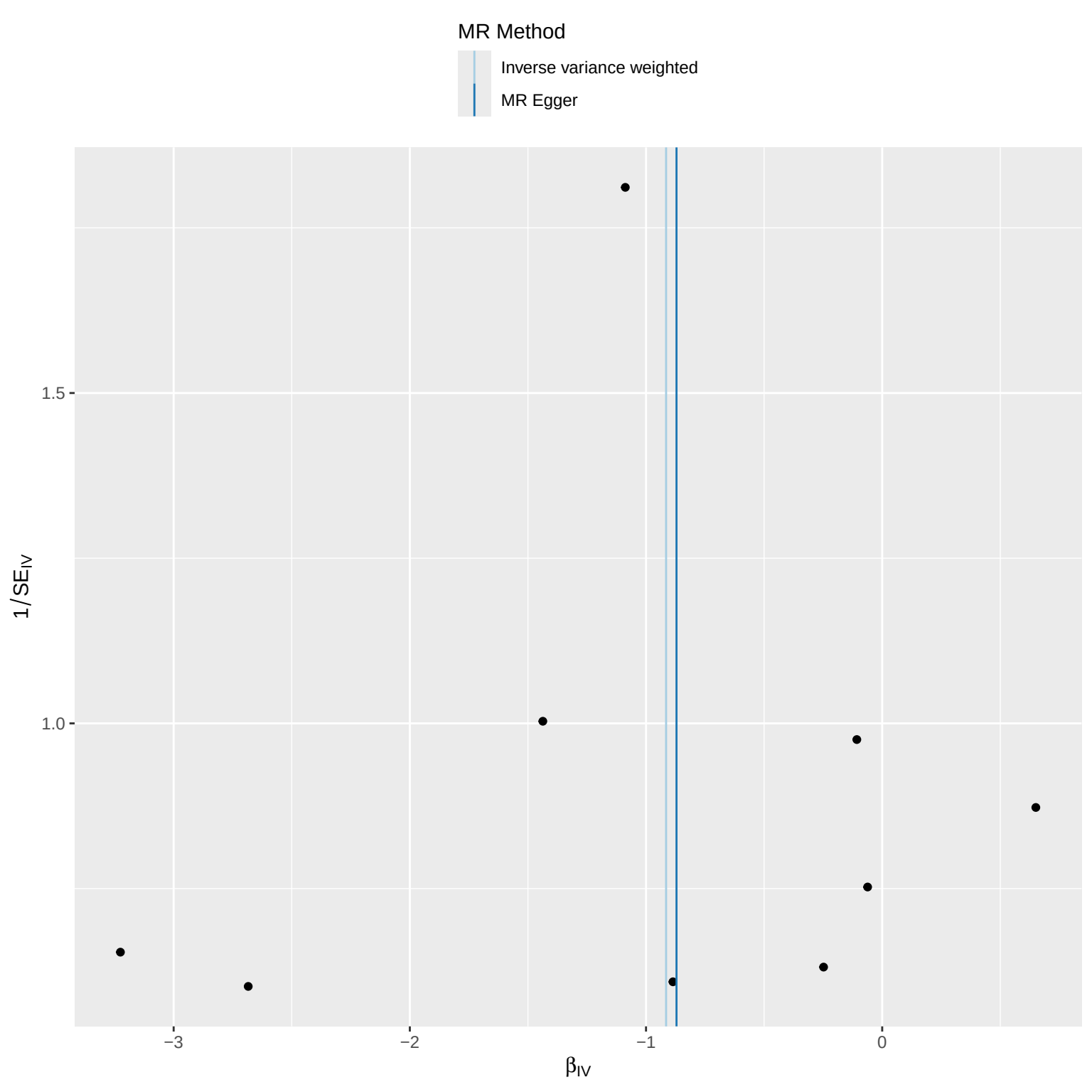

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
−1
0
1
2
β_IV

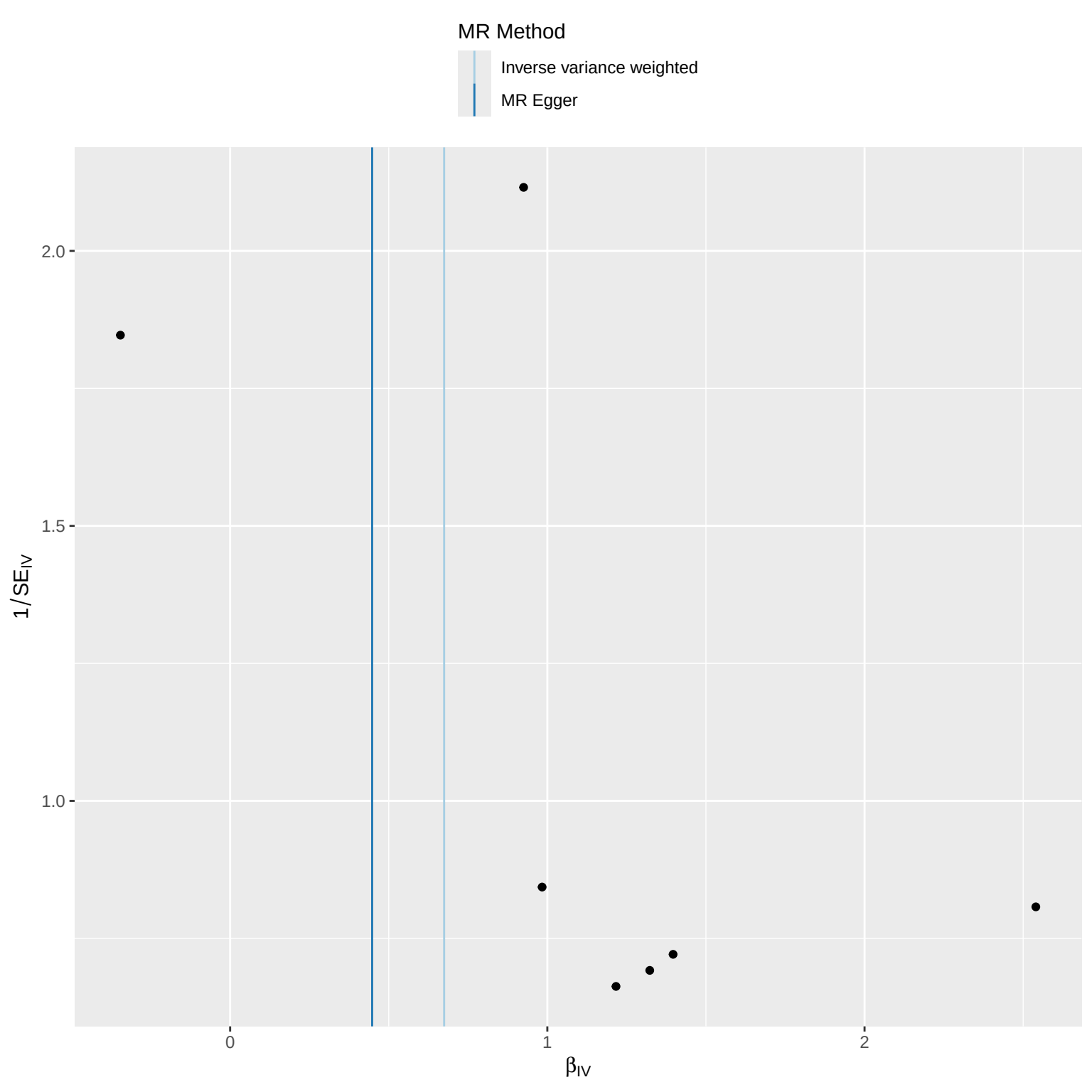

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

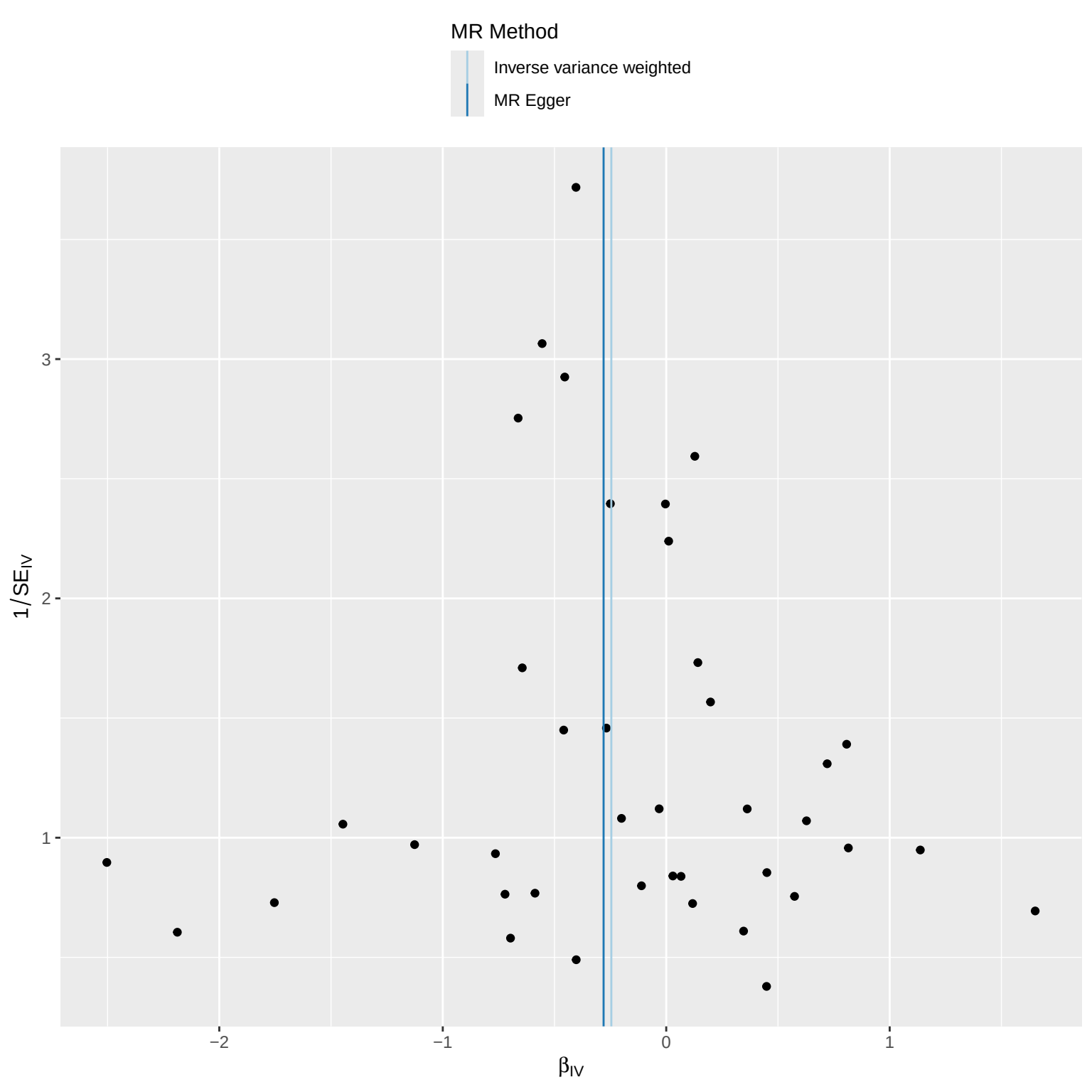

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−2
−1
0
1
2
β_IV

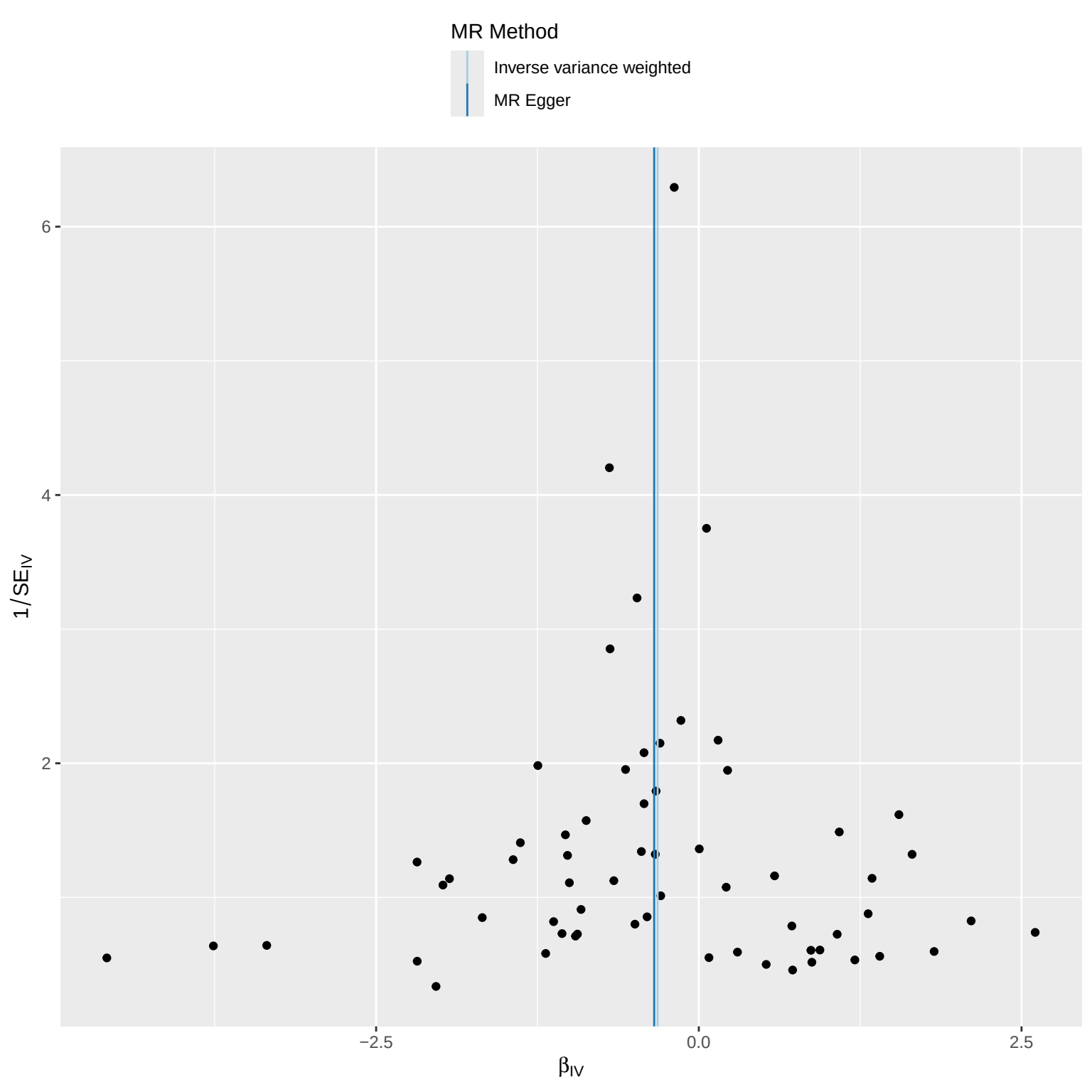

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

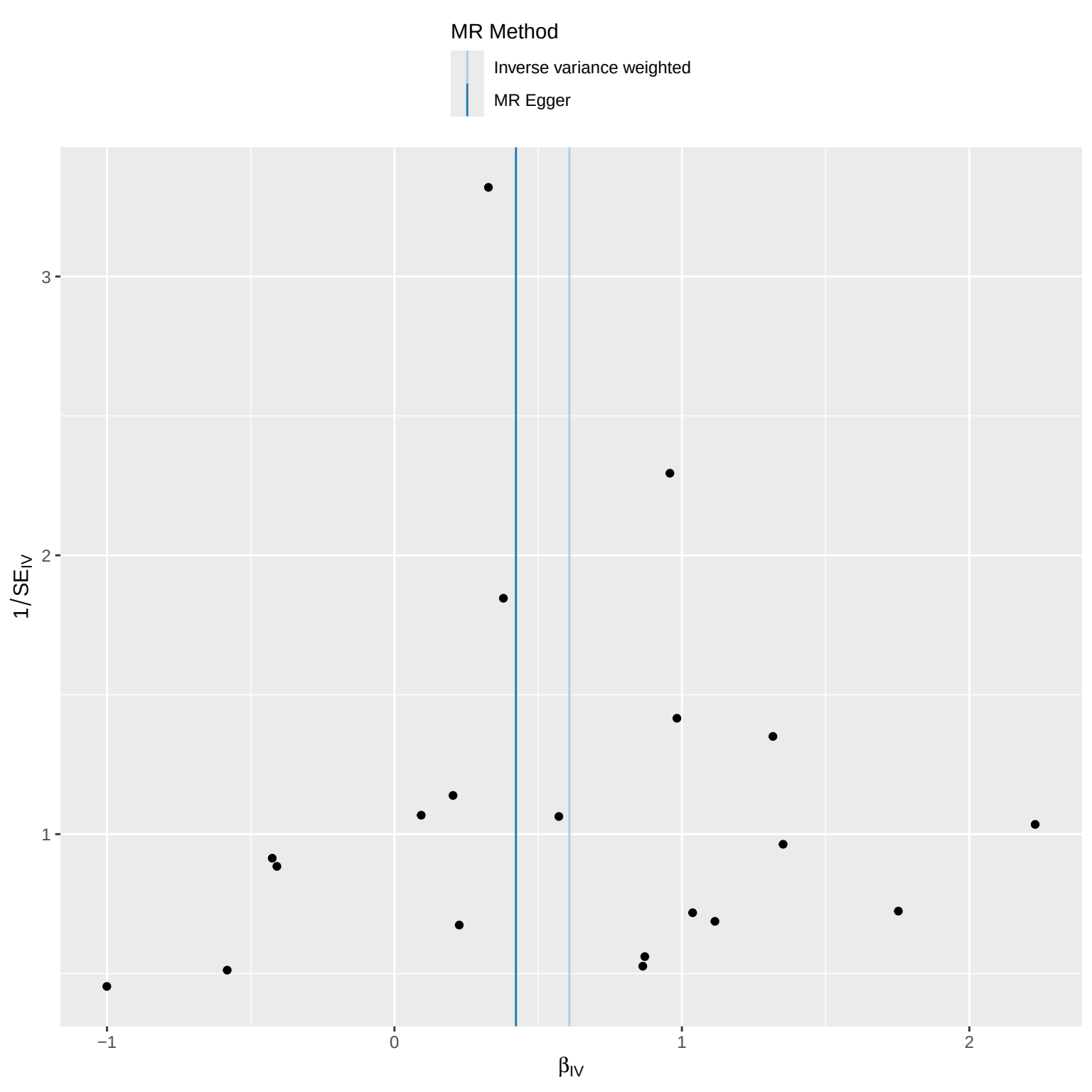

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

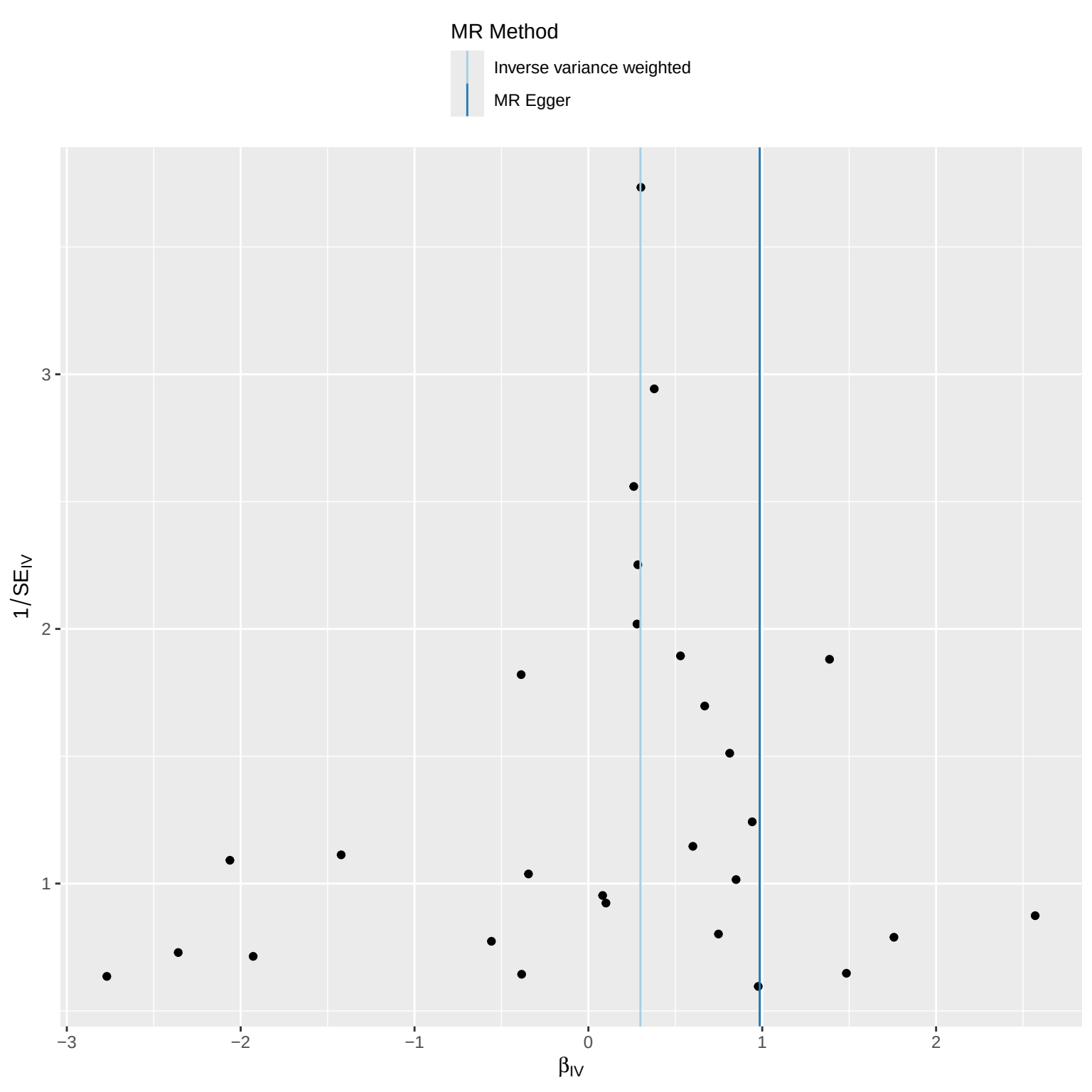

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

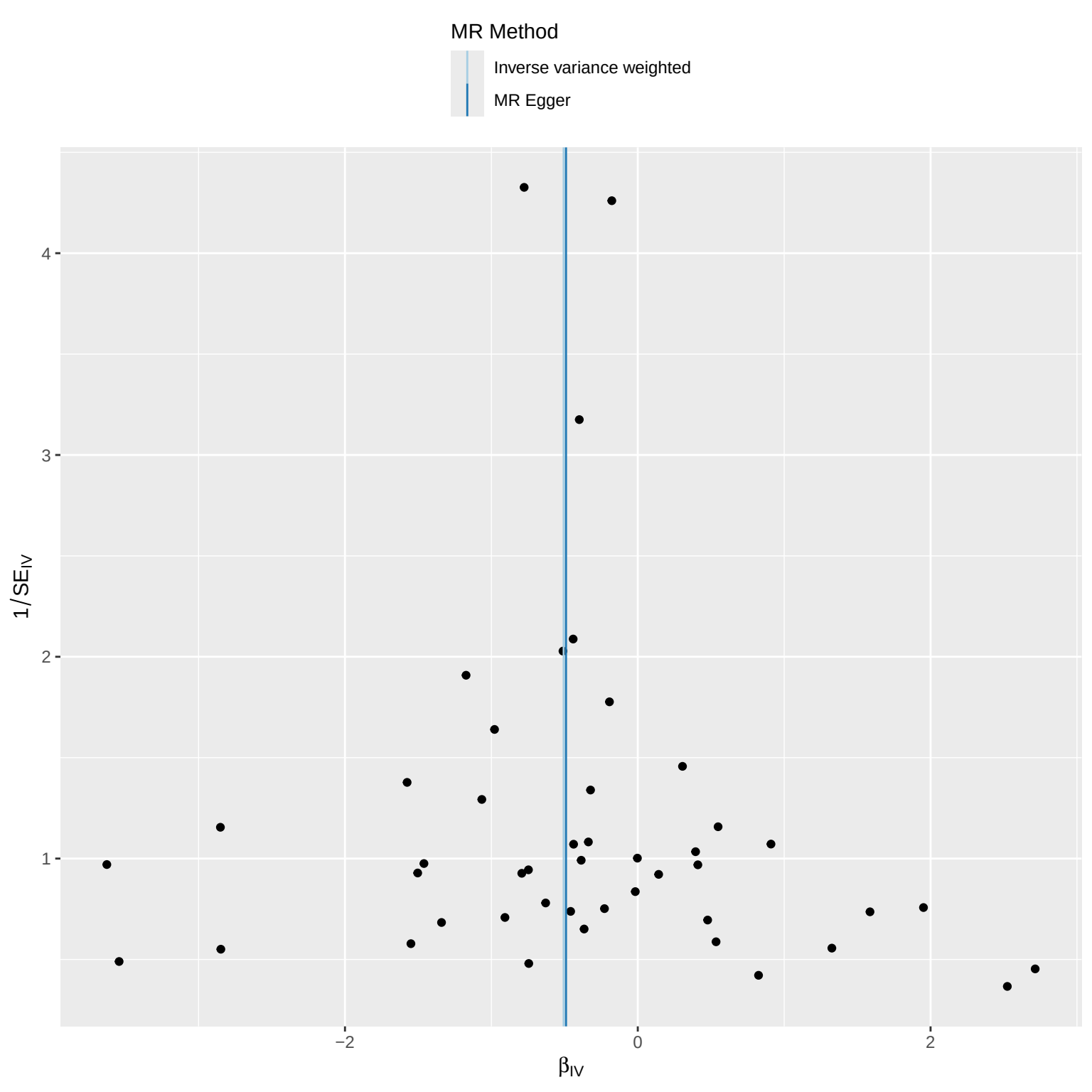

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

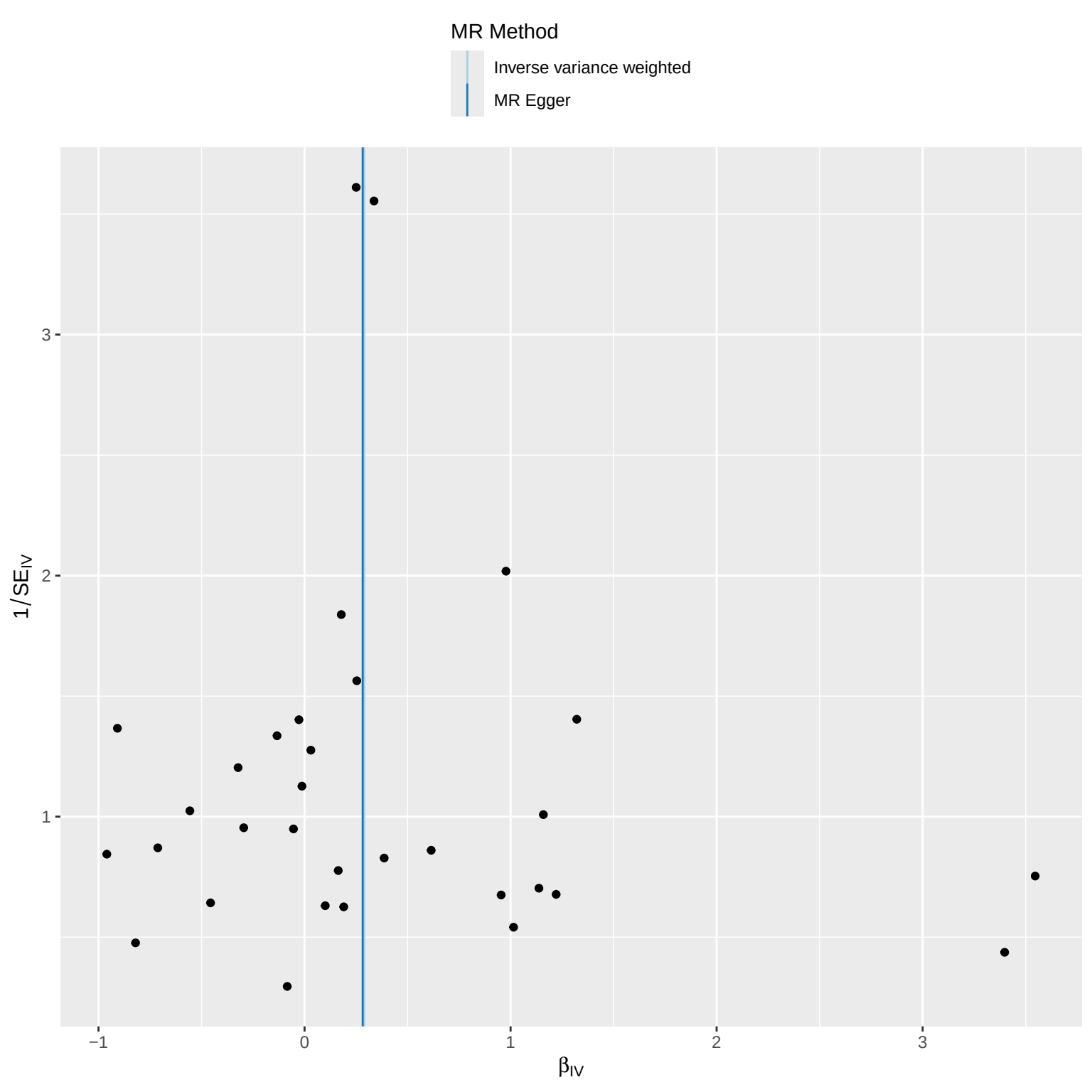

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

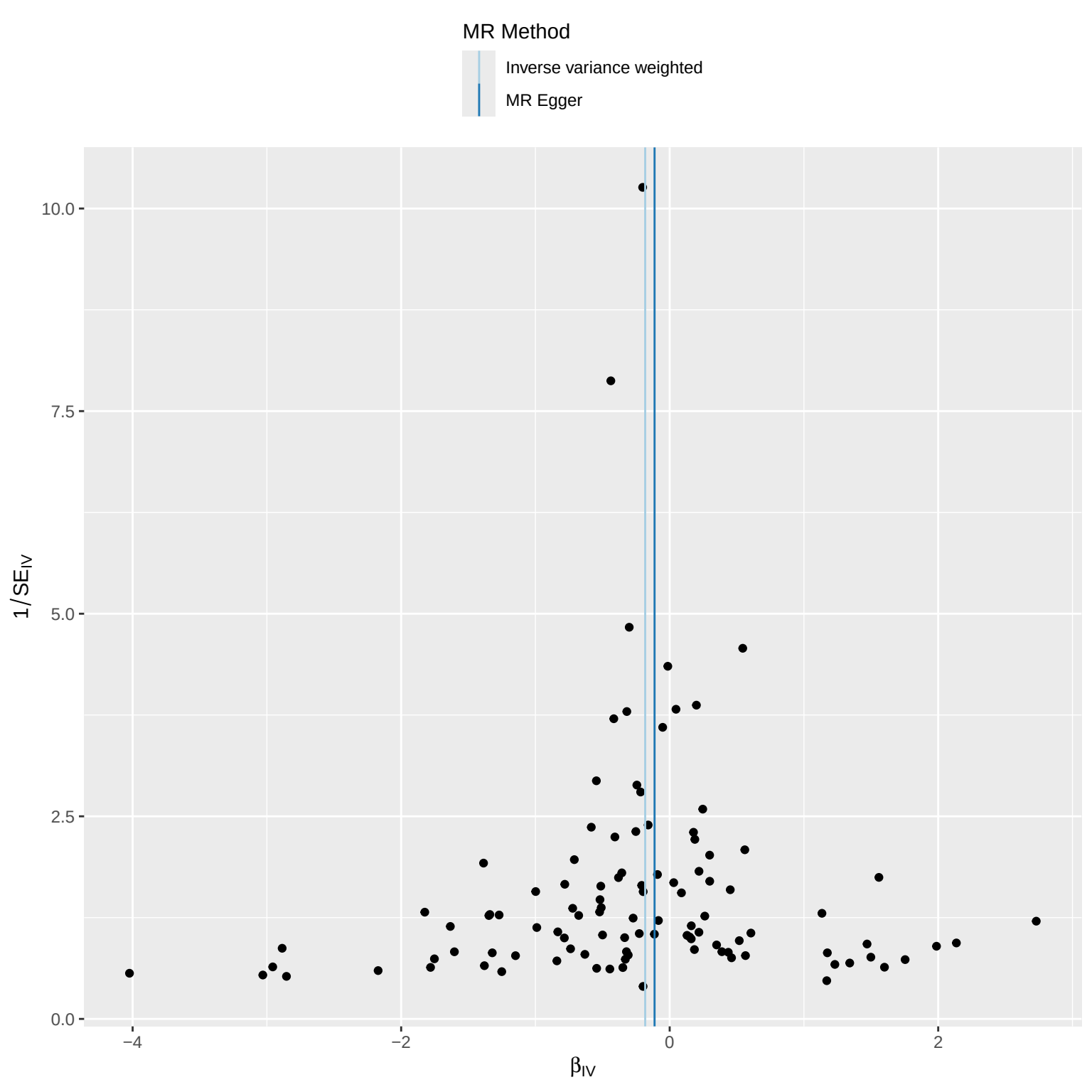

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2.5
0.0
2.5
β_IV

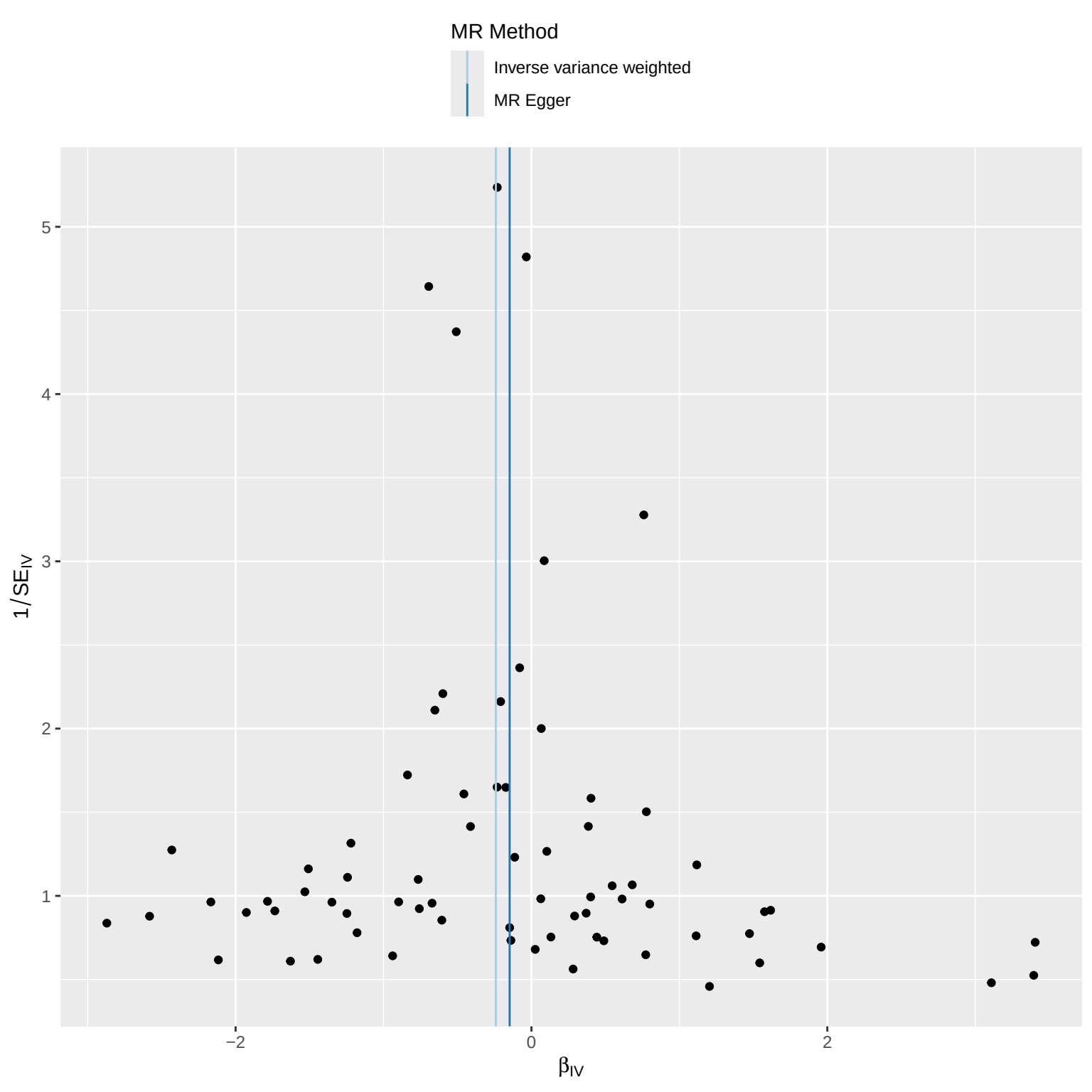

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

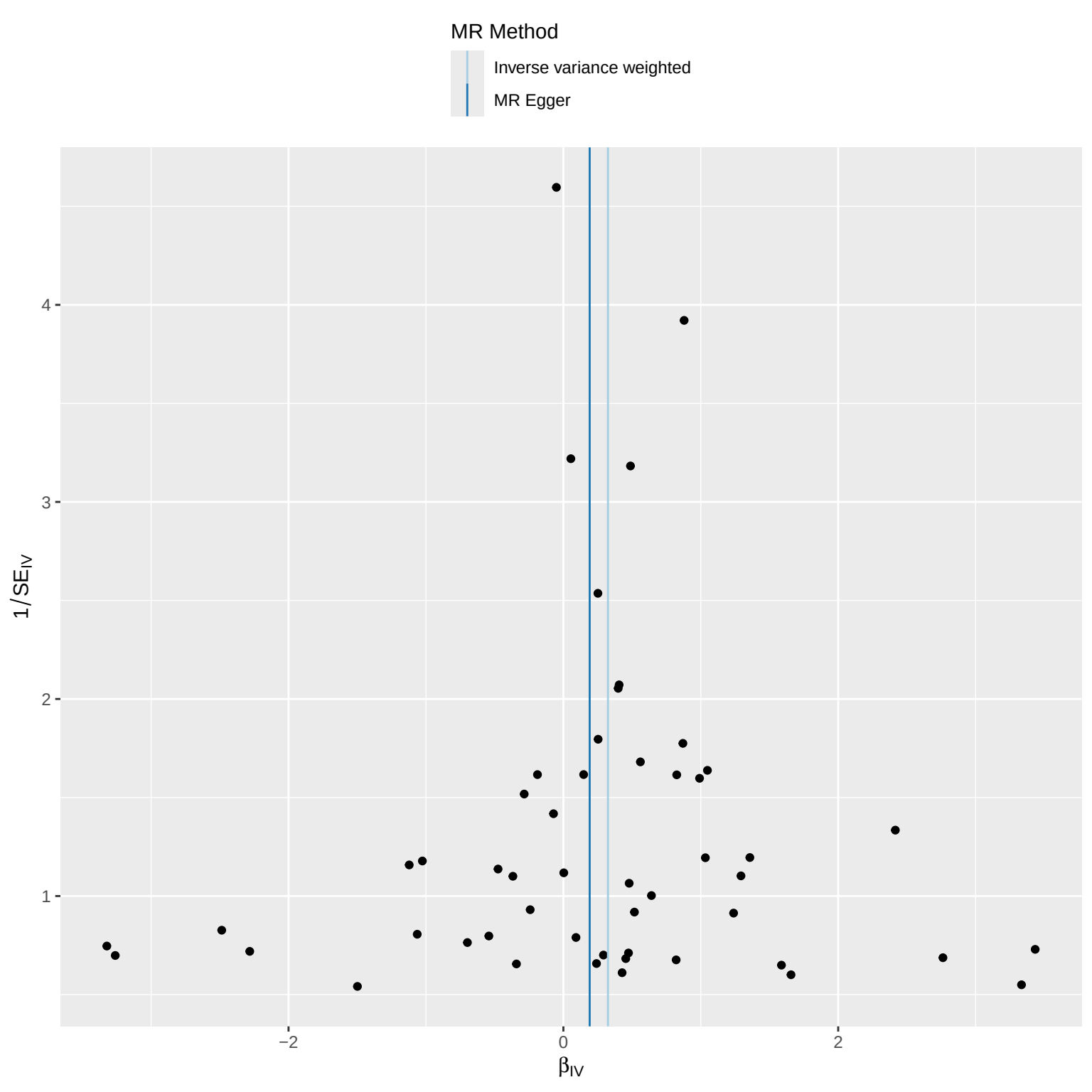

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−3
−2
−1
0
1
2
β_IV

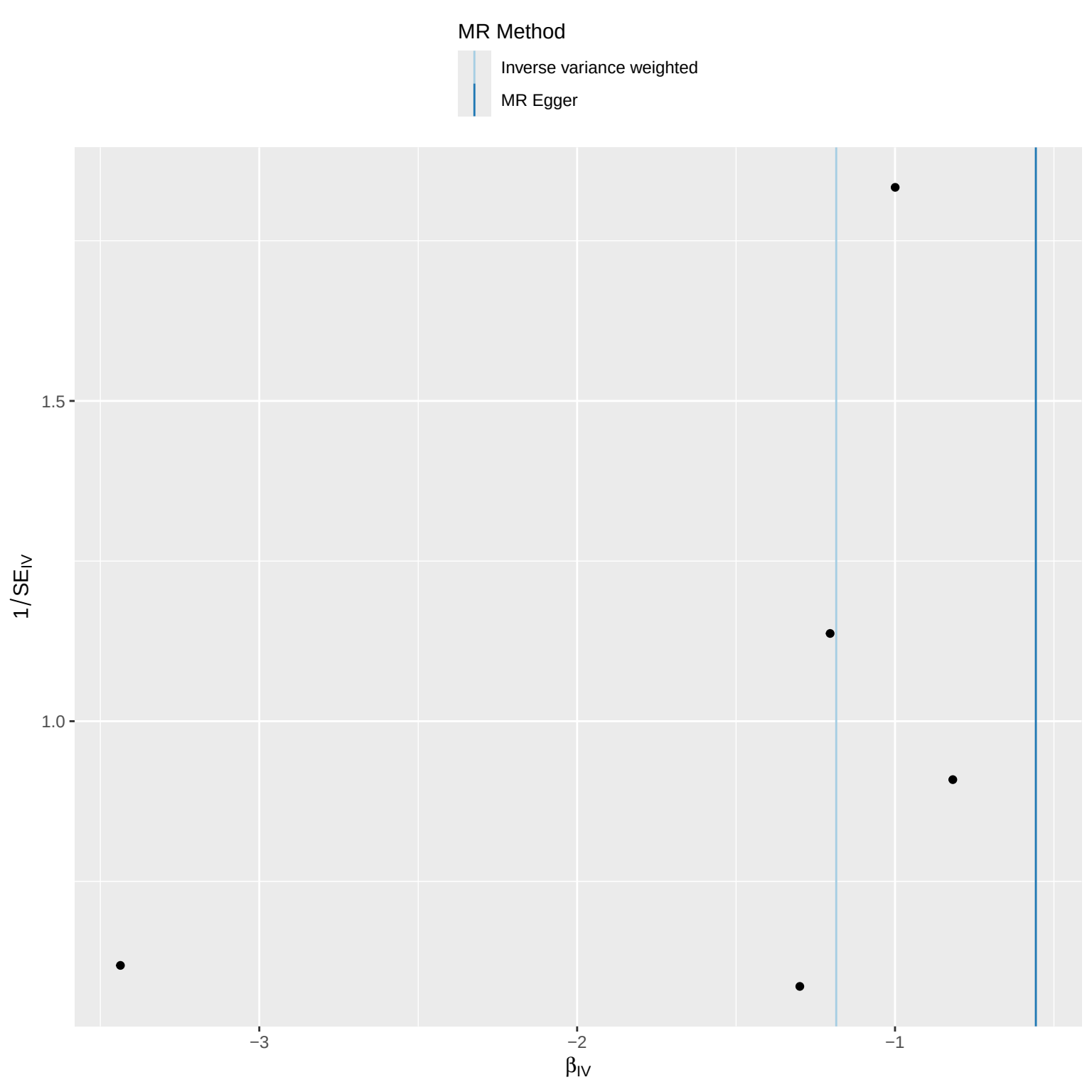

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

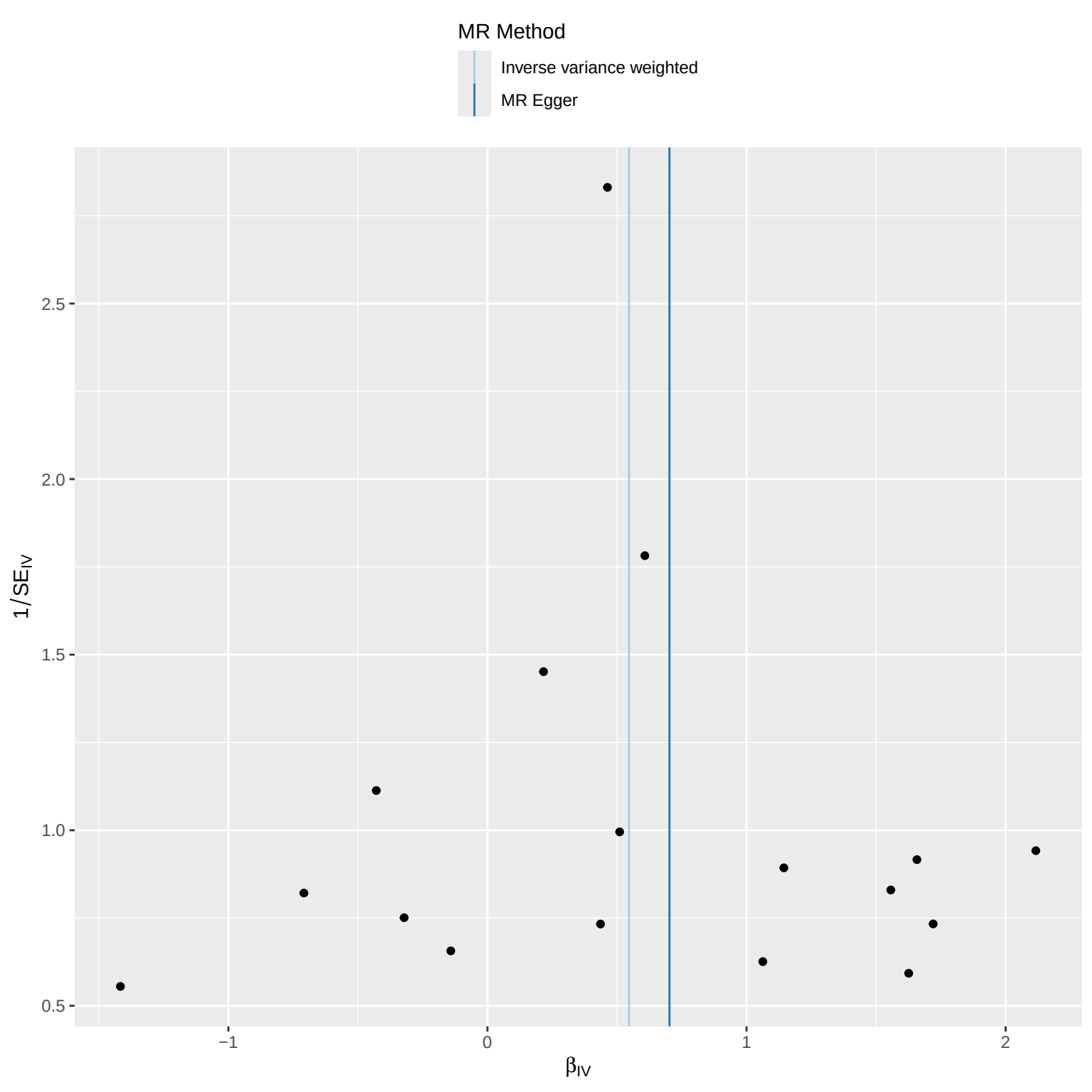

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

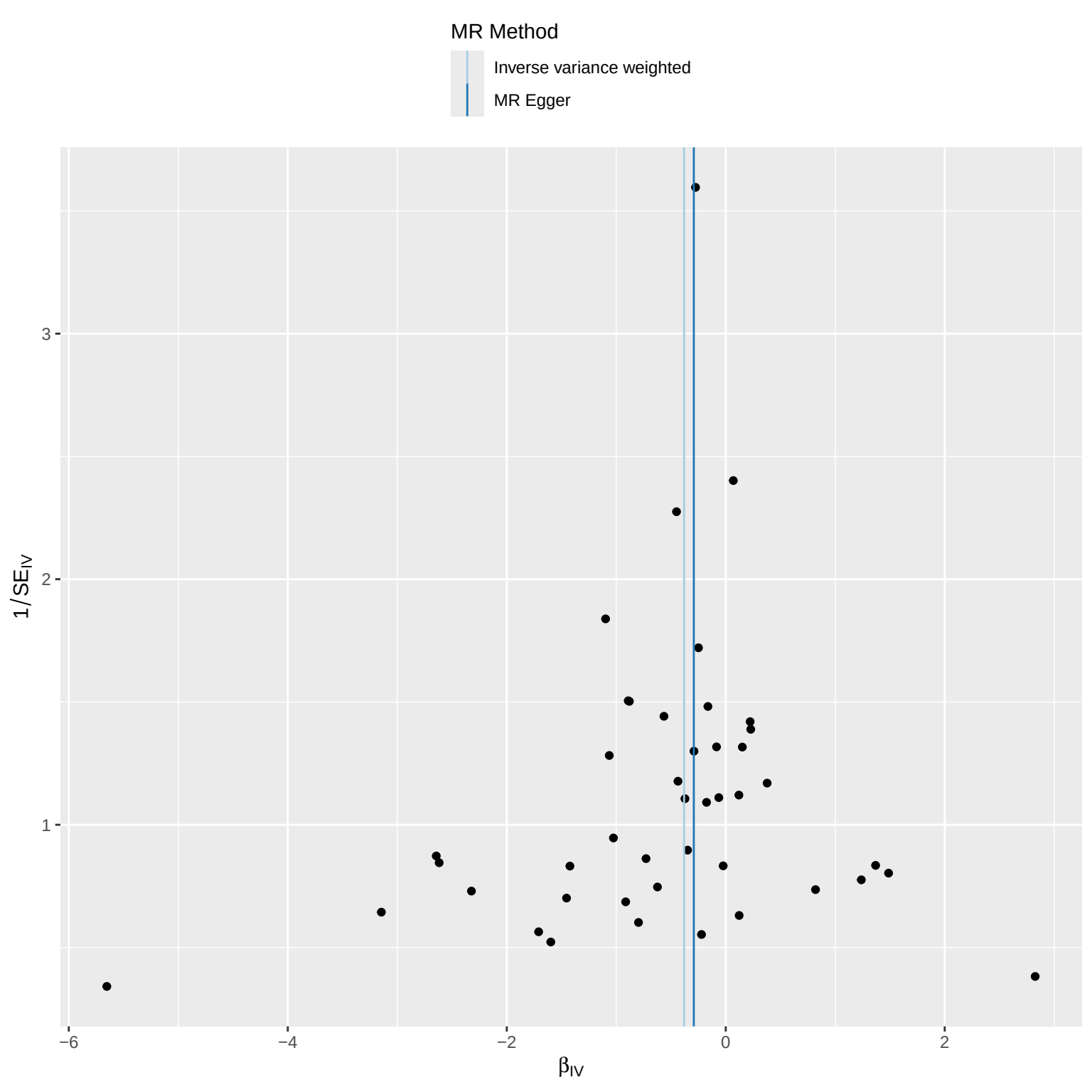

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−4
−2
0
2
β_IV

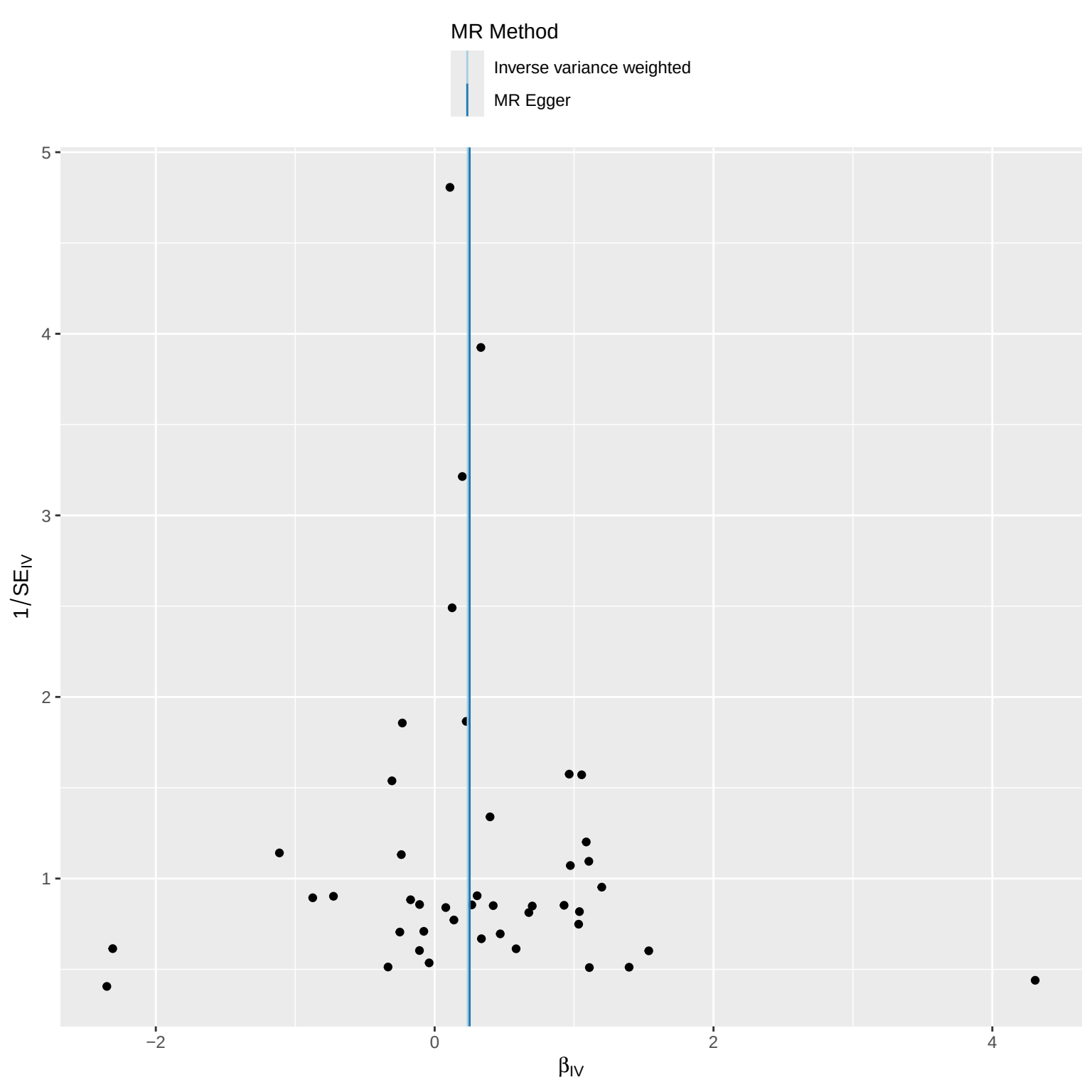

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

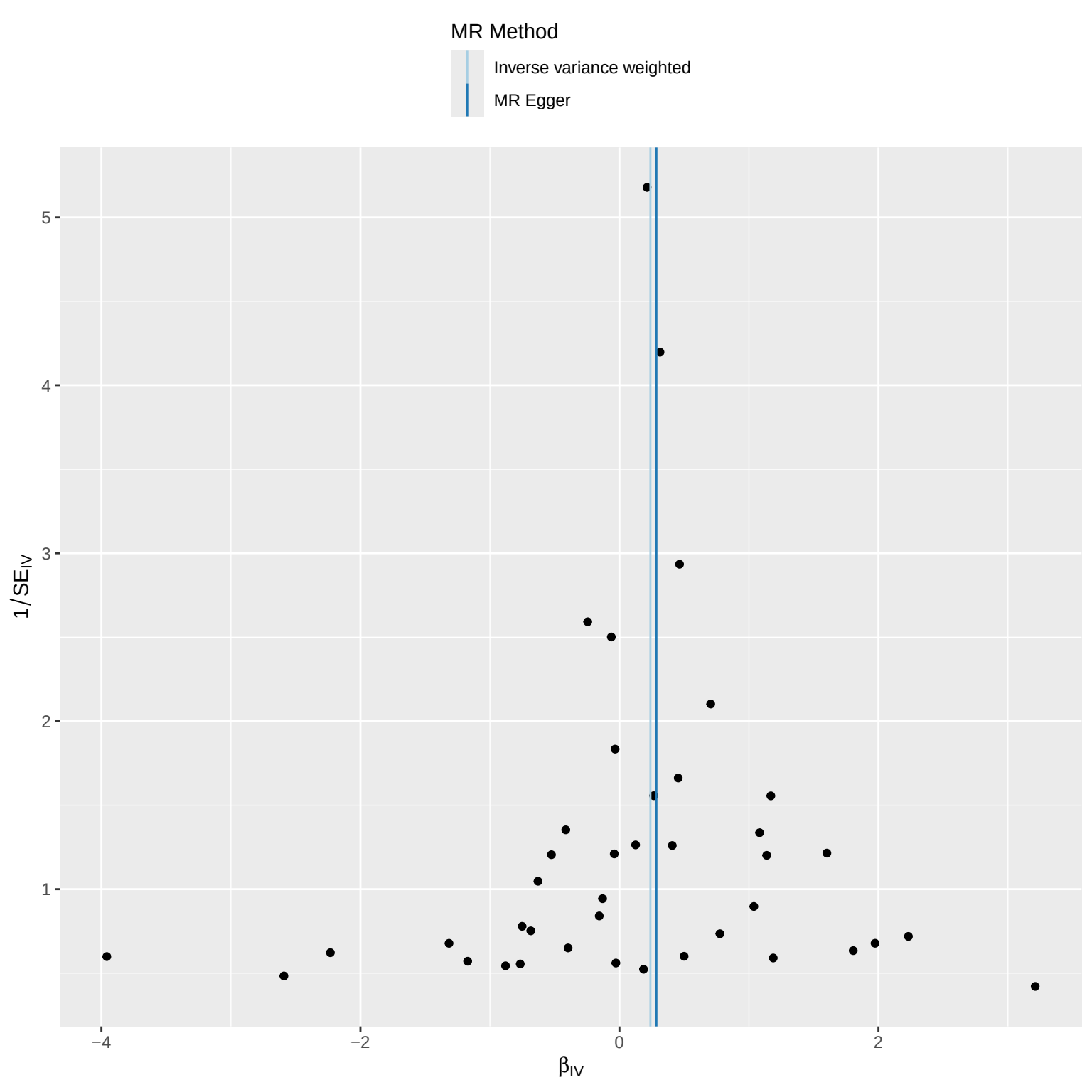

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

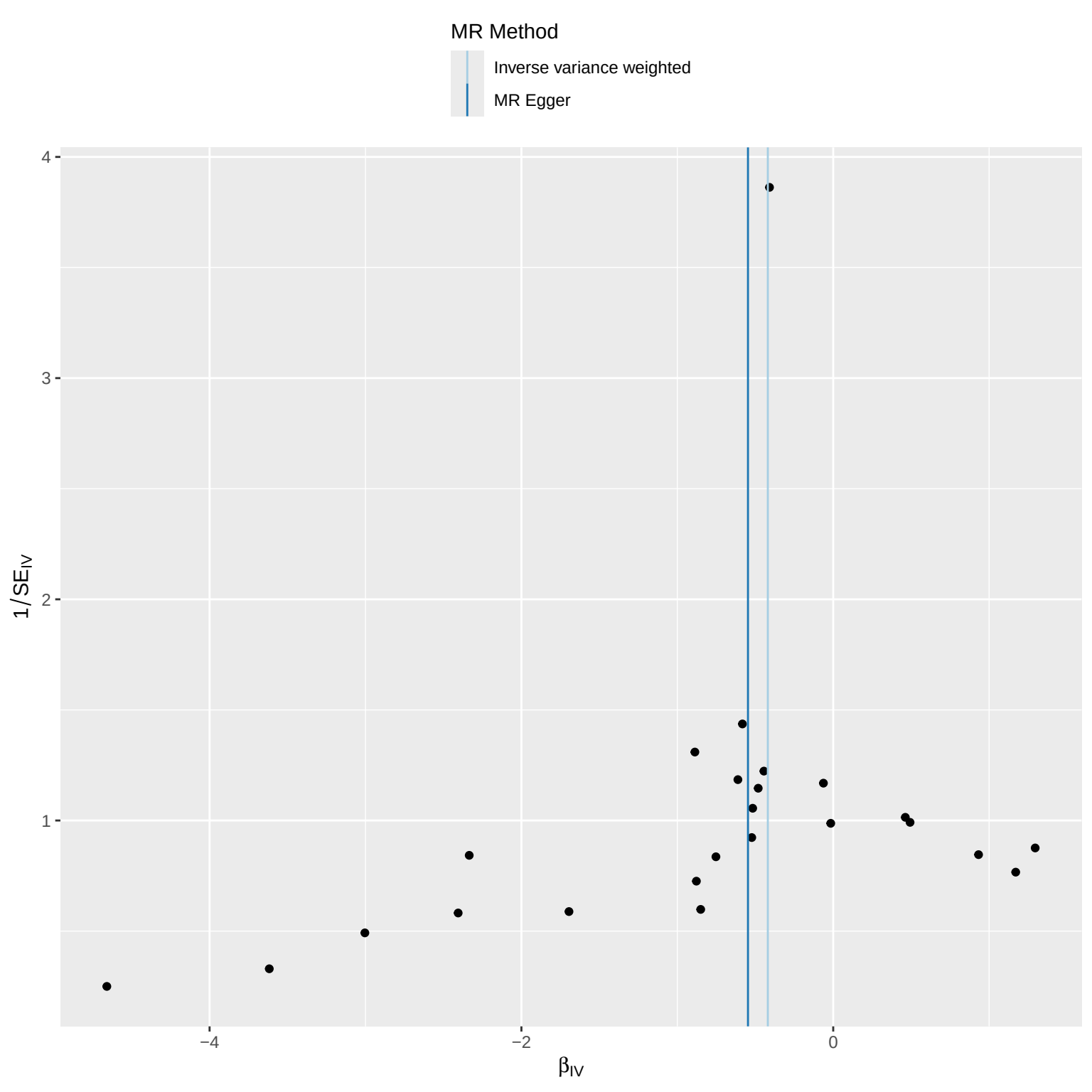

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−3
−2
−1
β_IV

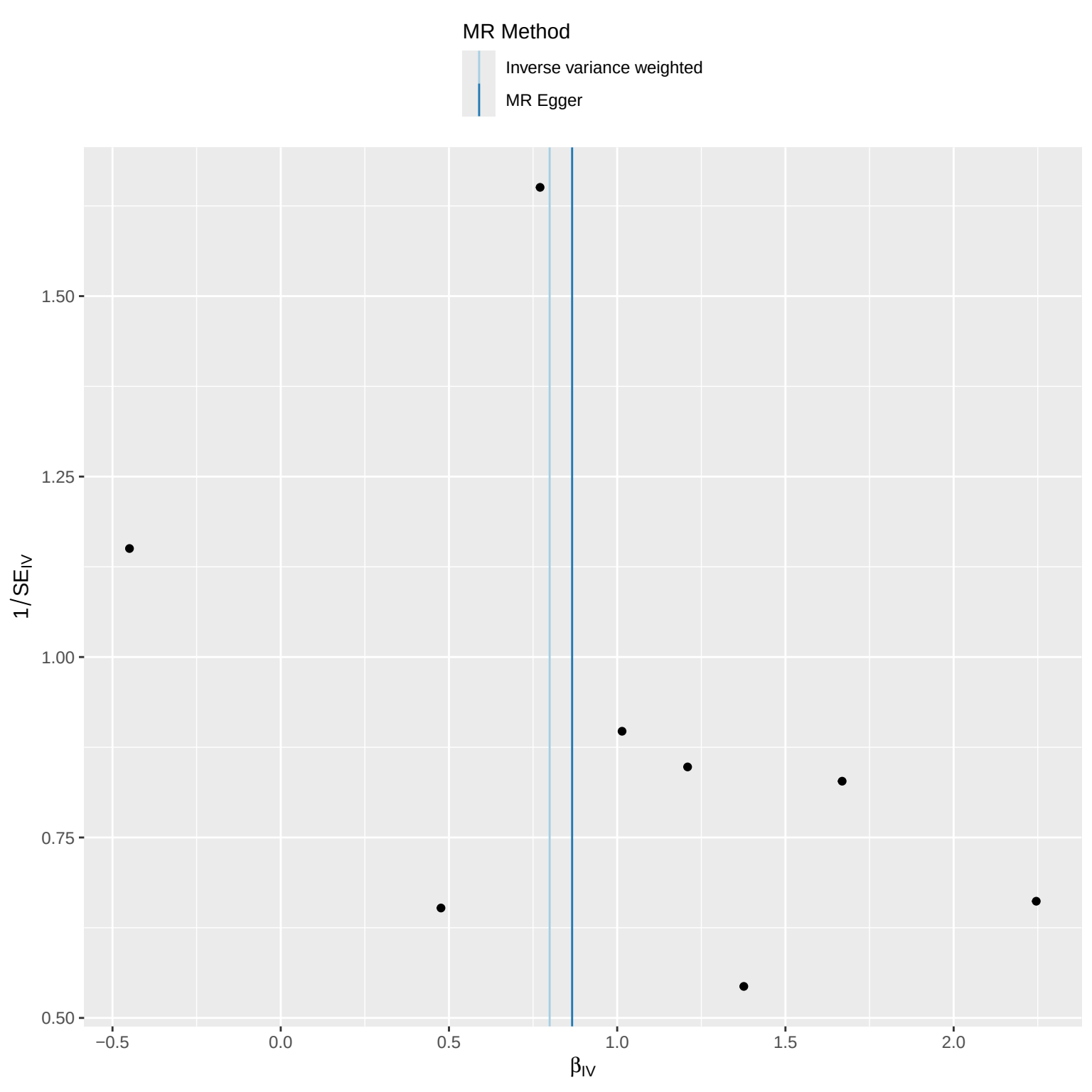

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

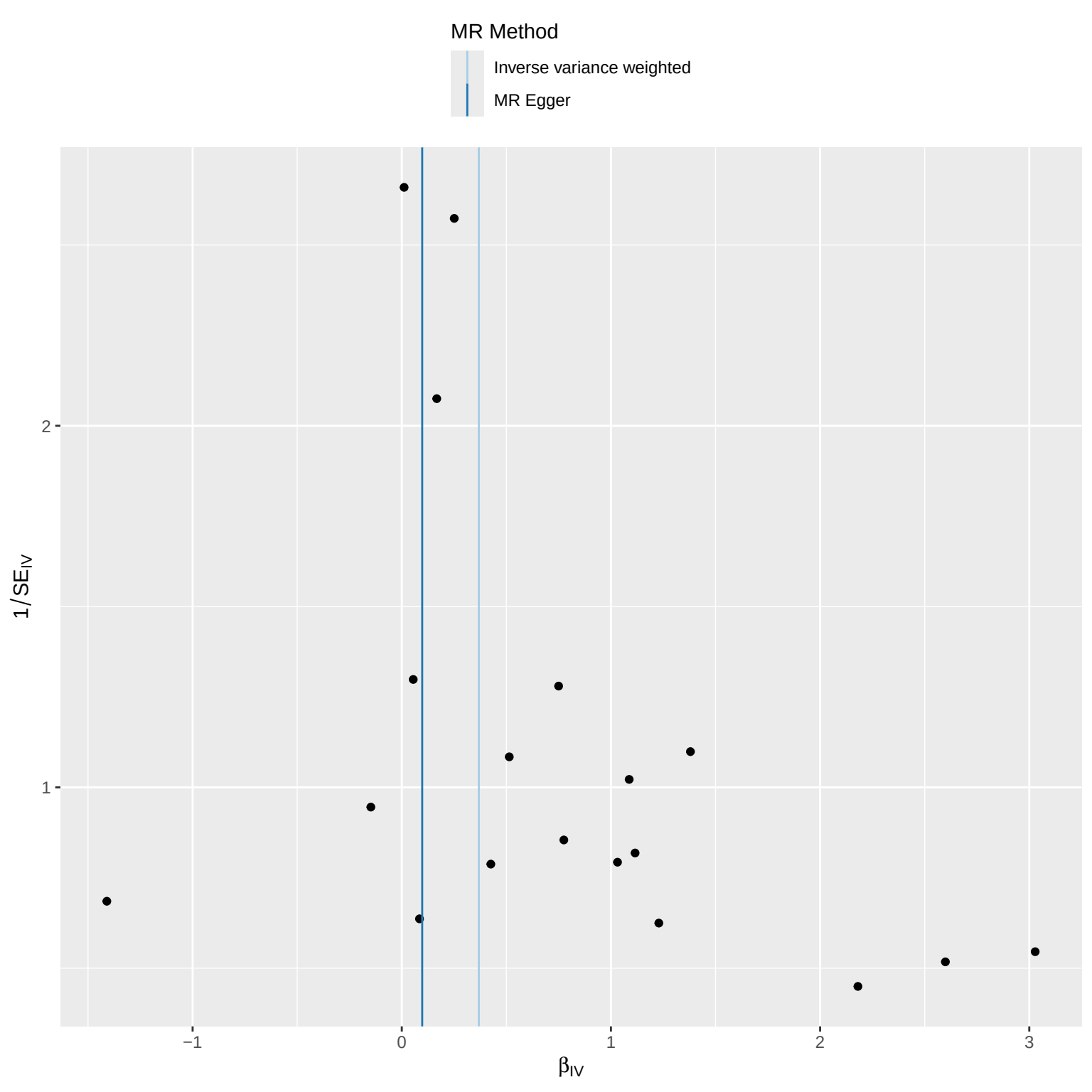

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

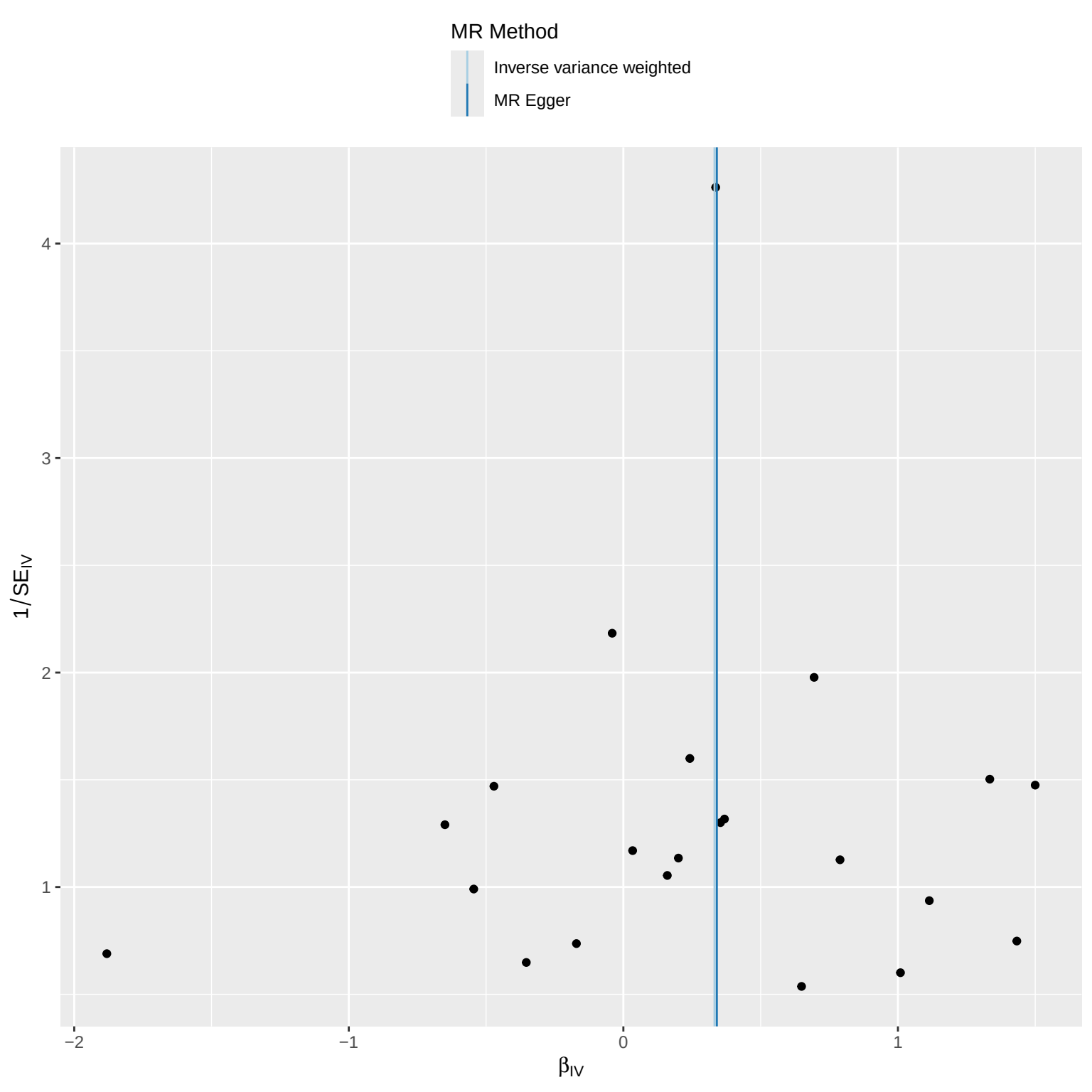

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

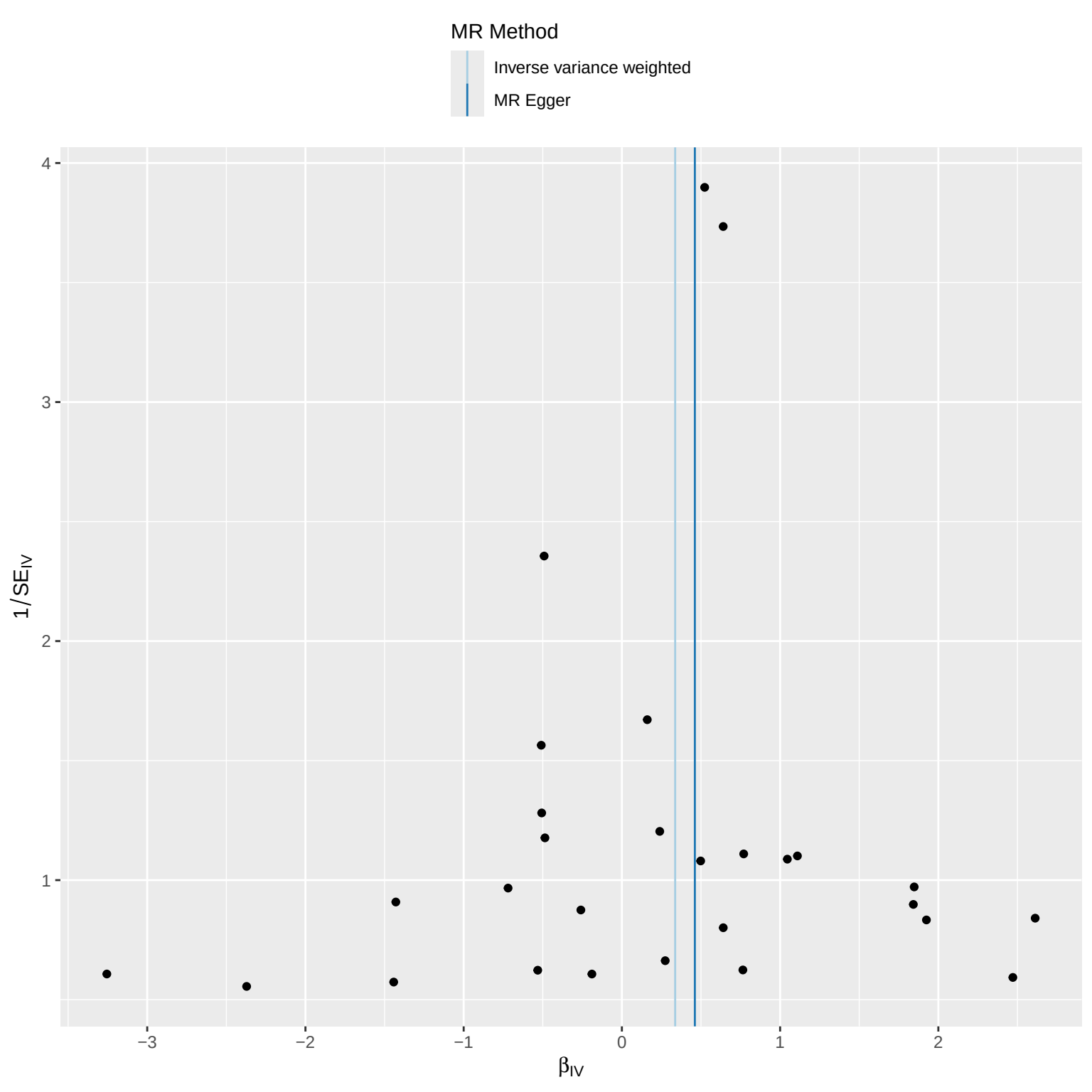

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

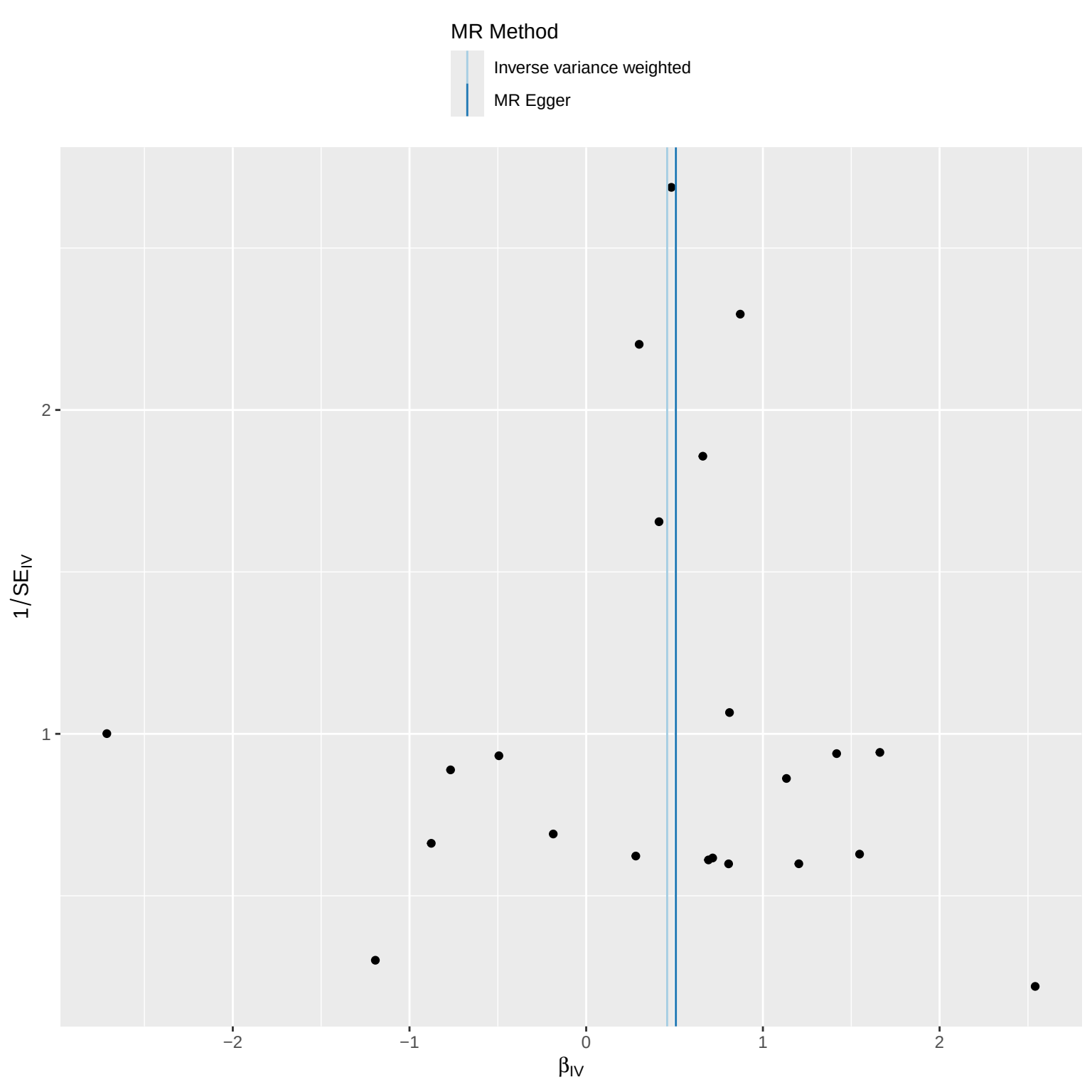

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
β_IV

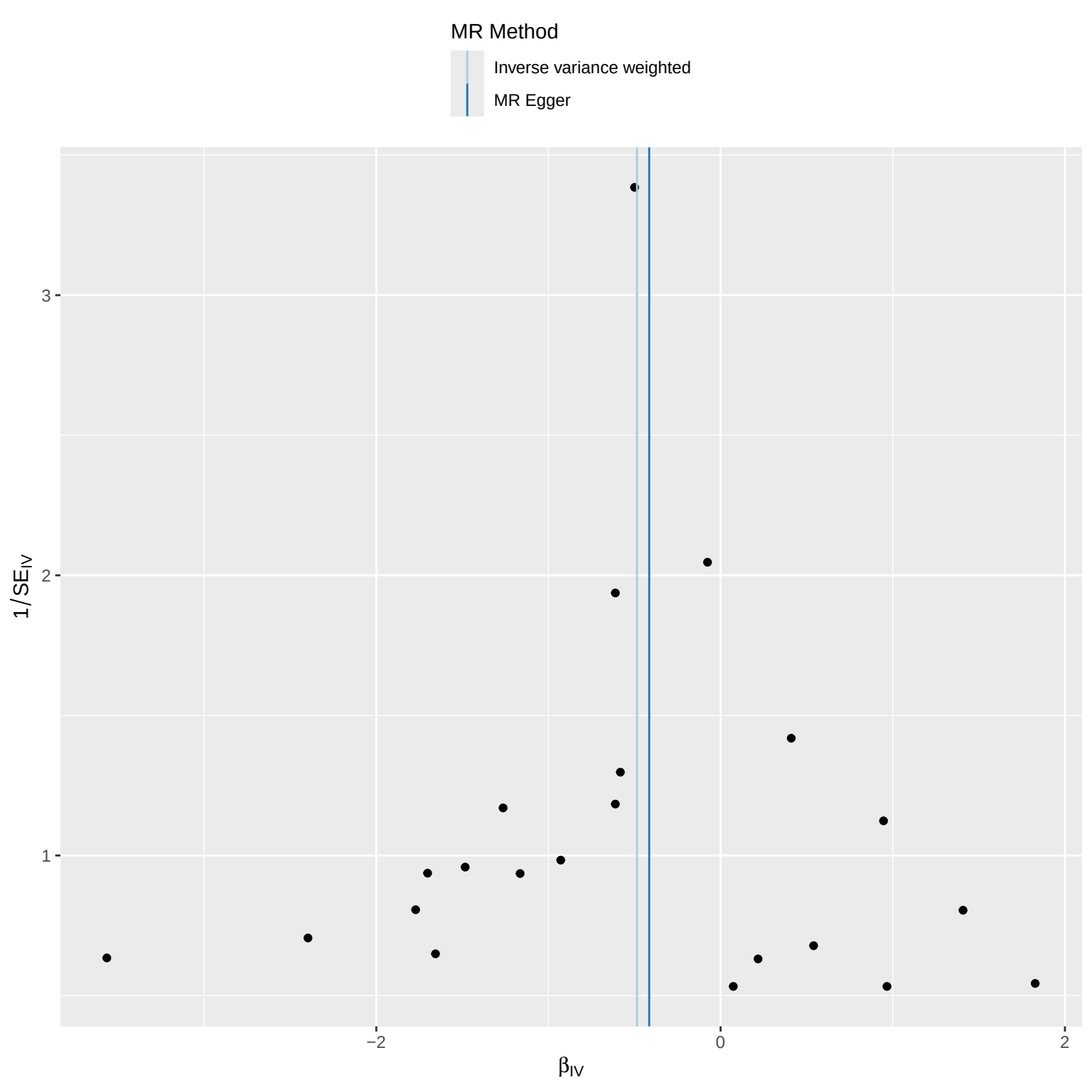

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

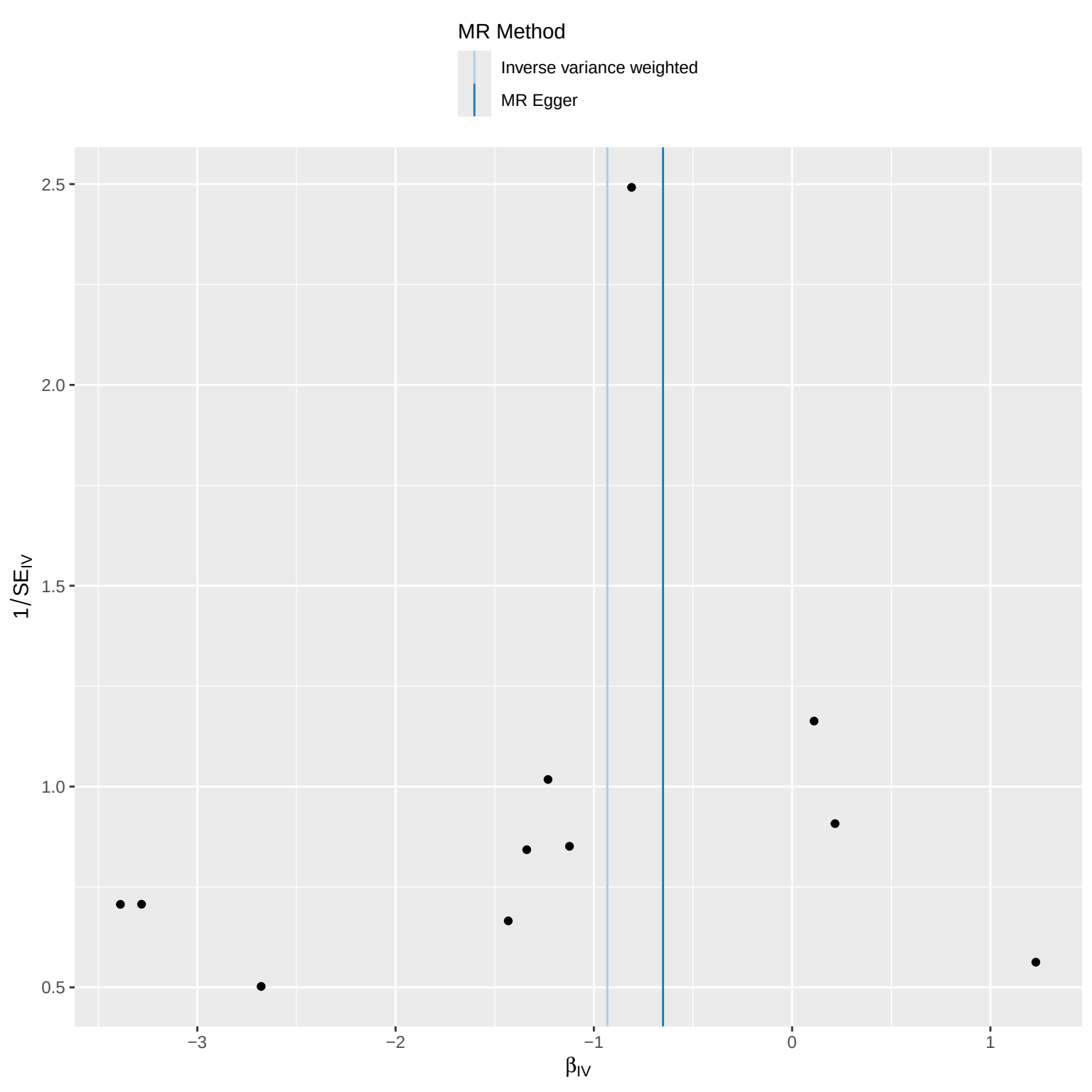

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

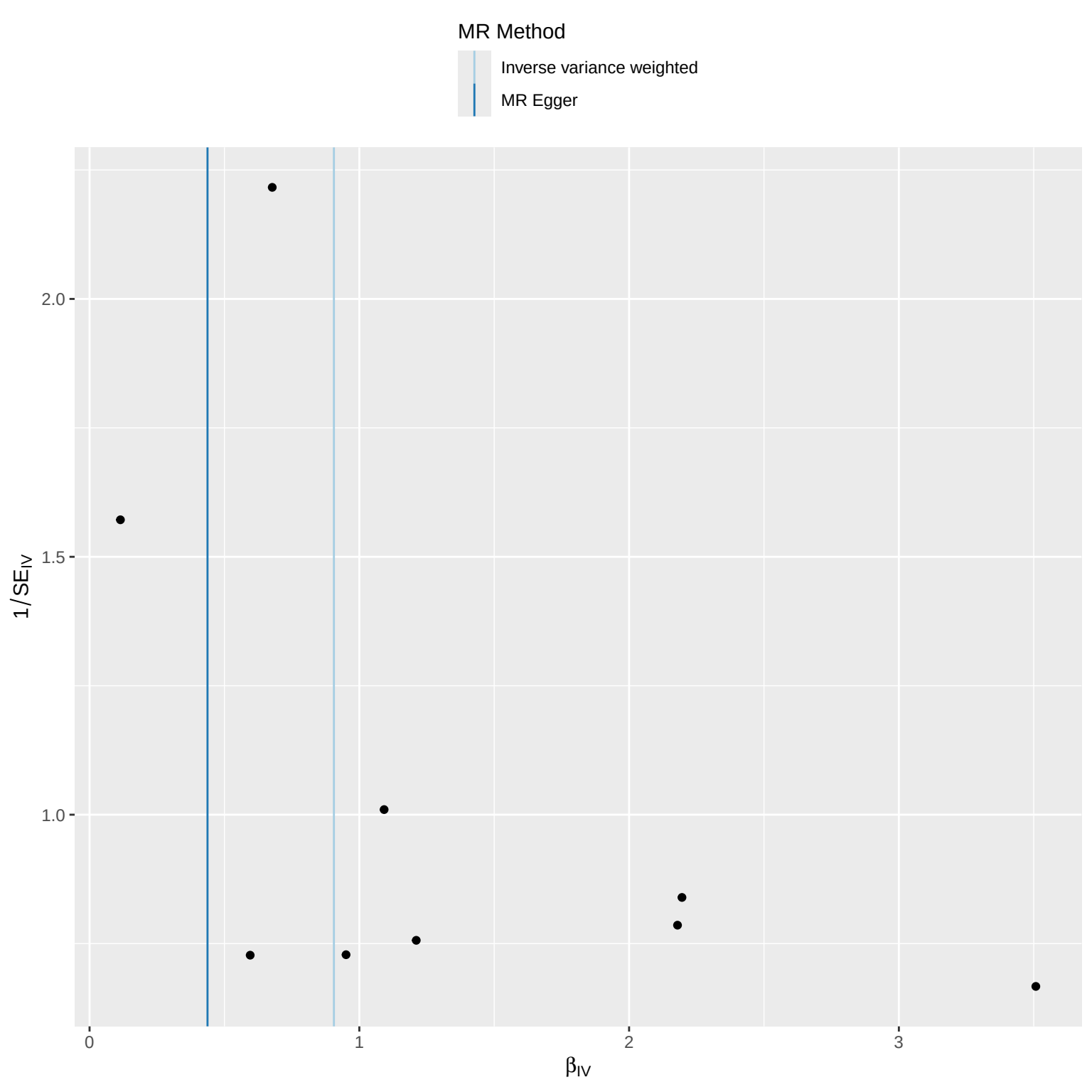

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

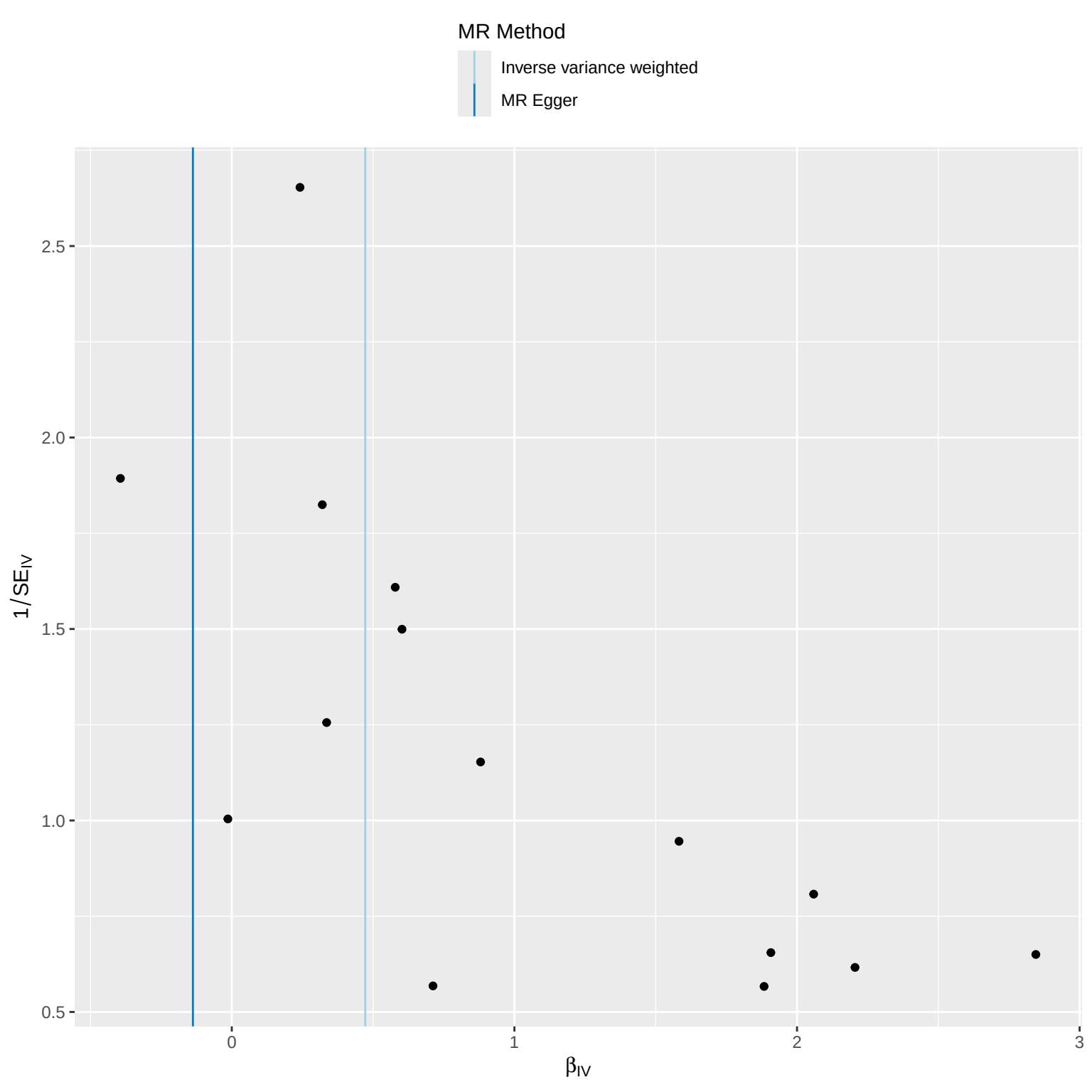

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

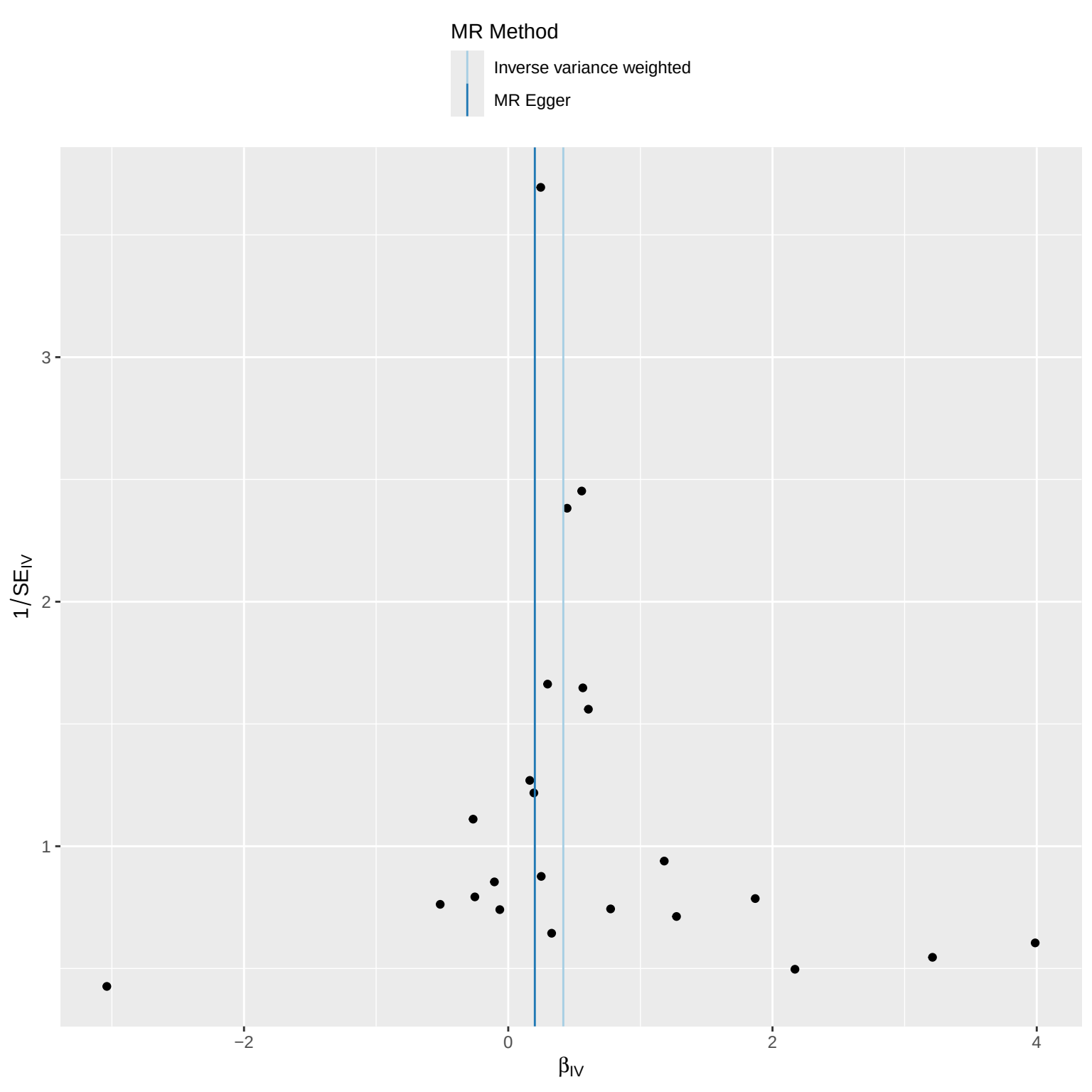

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

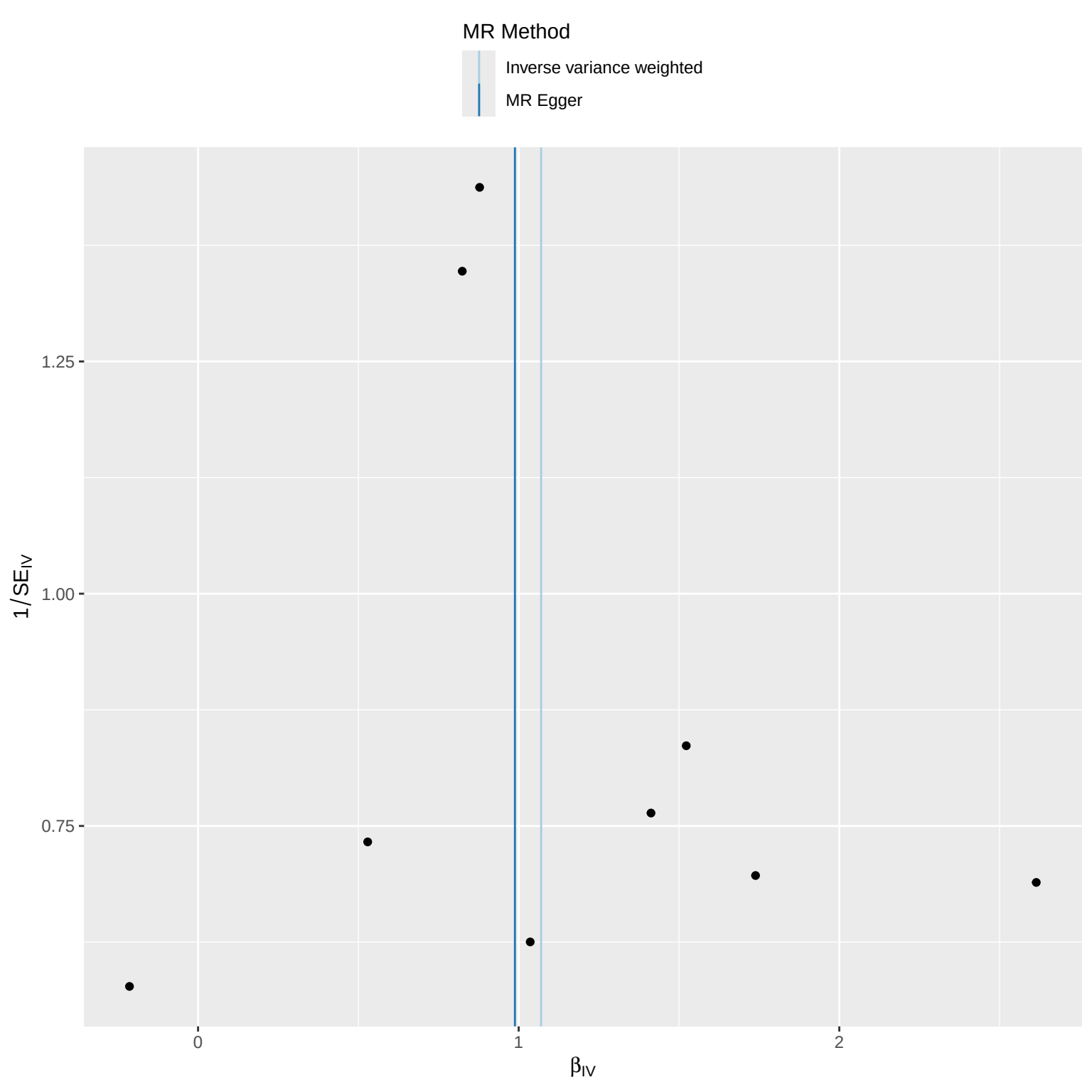

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

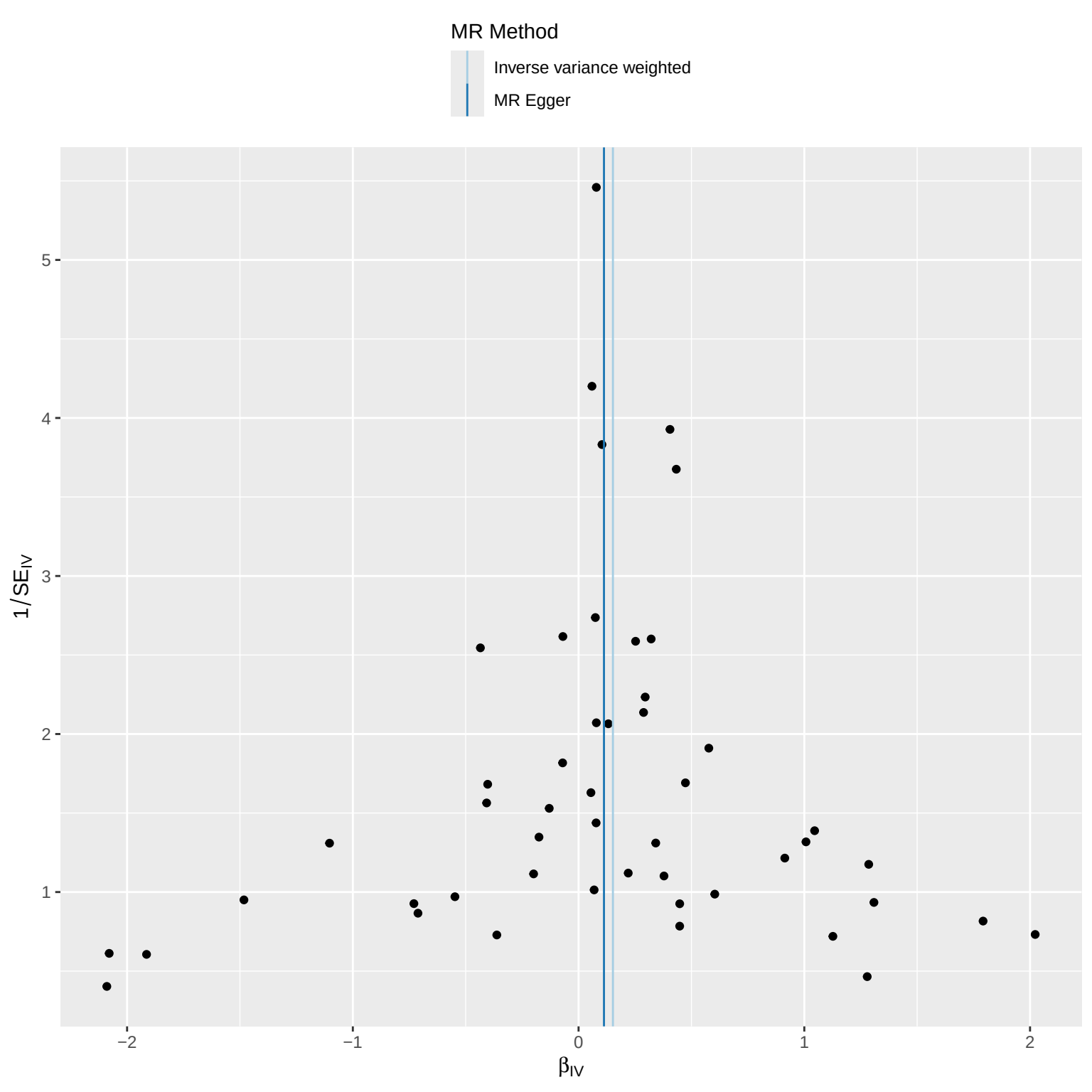

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

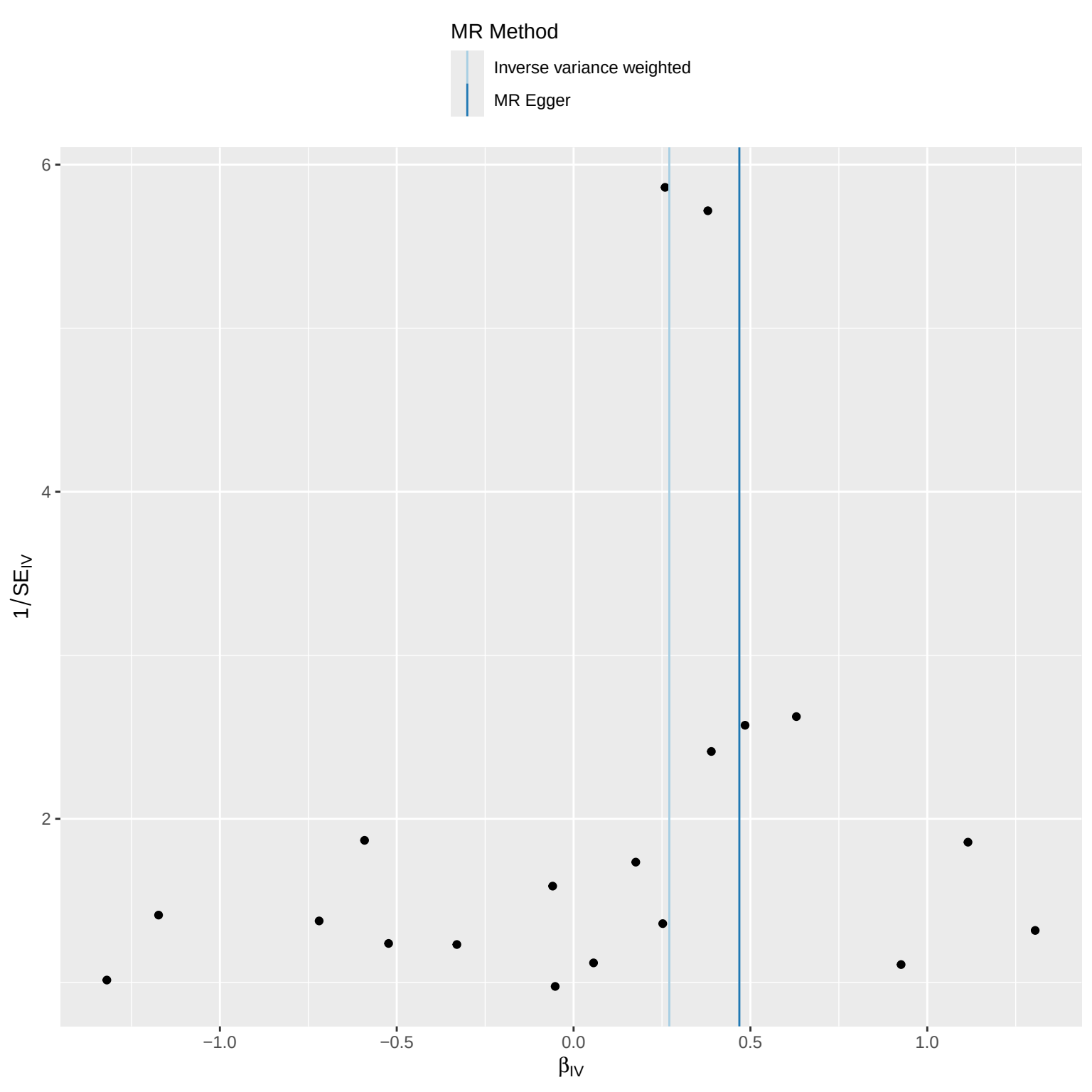

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0
1
2
3
β_IV

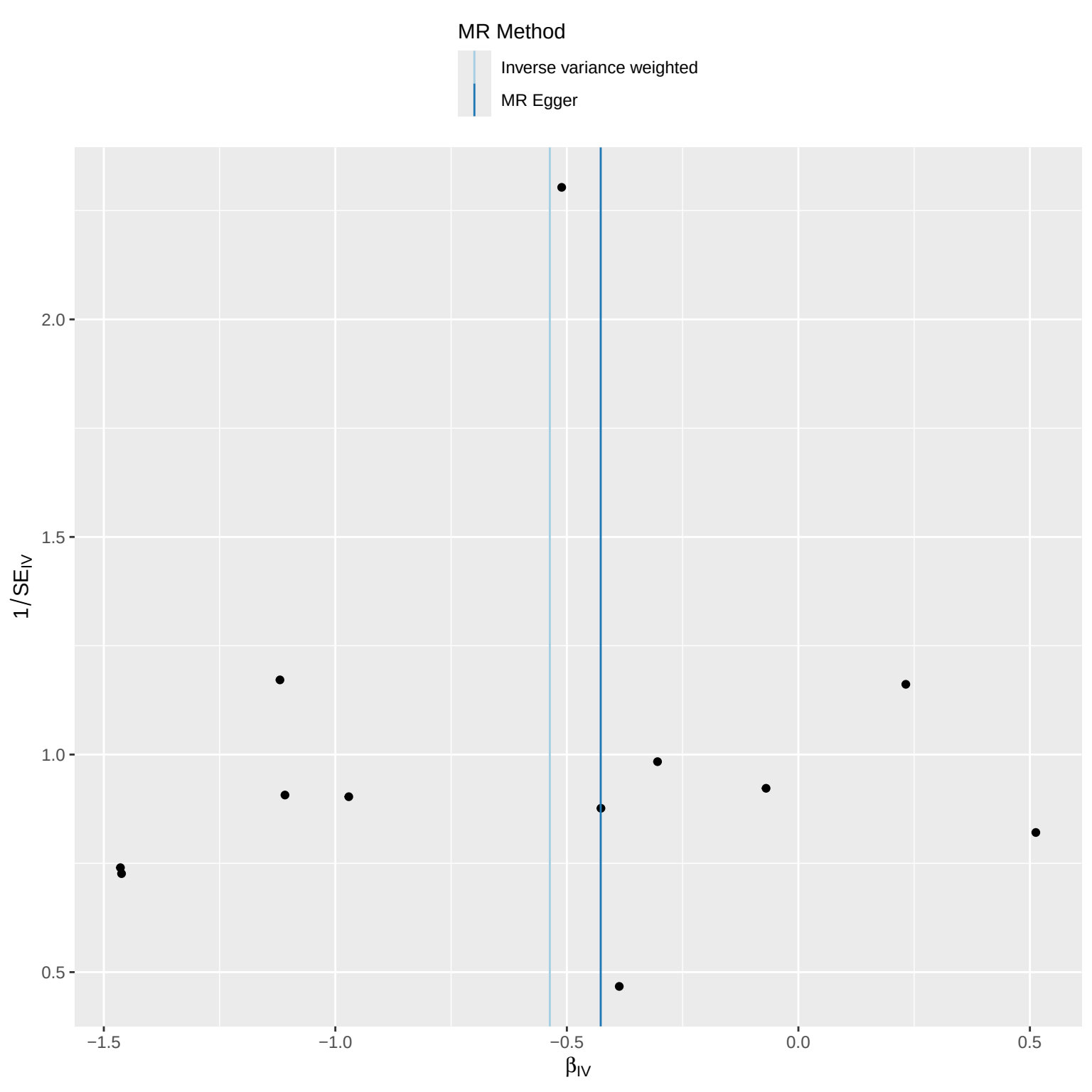

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

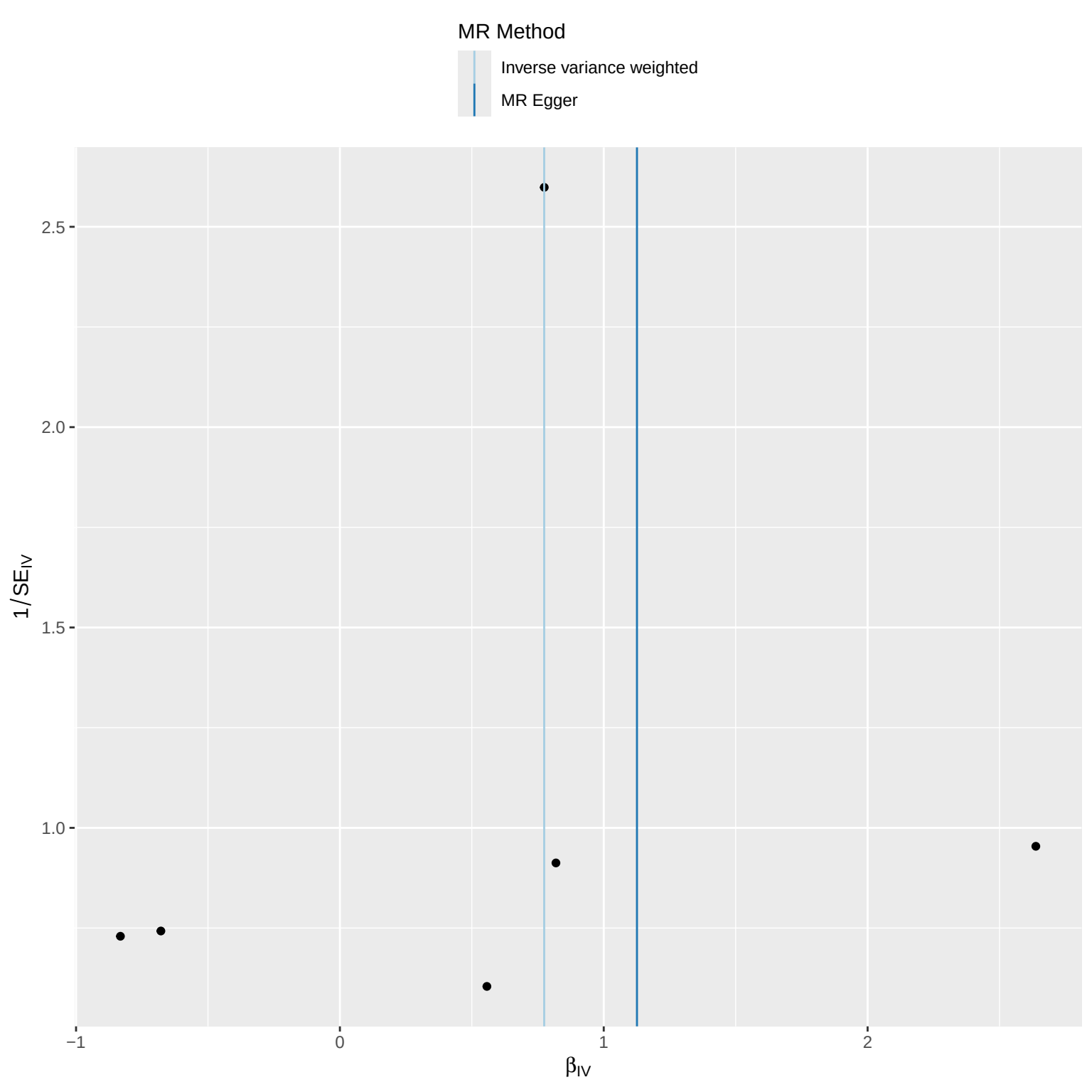

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

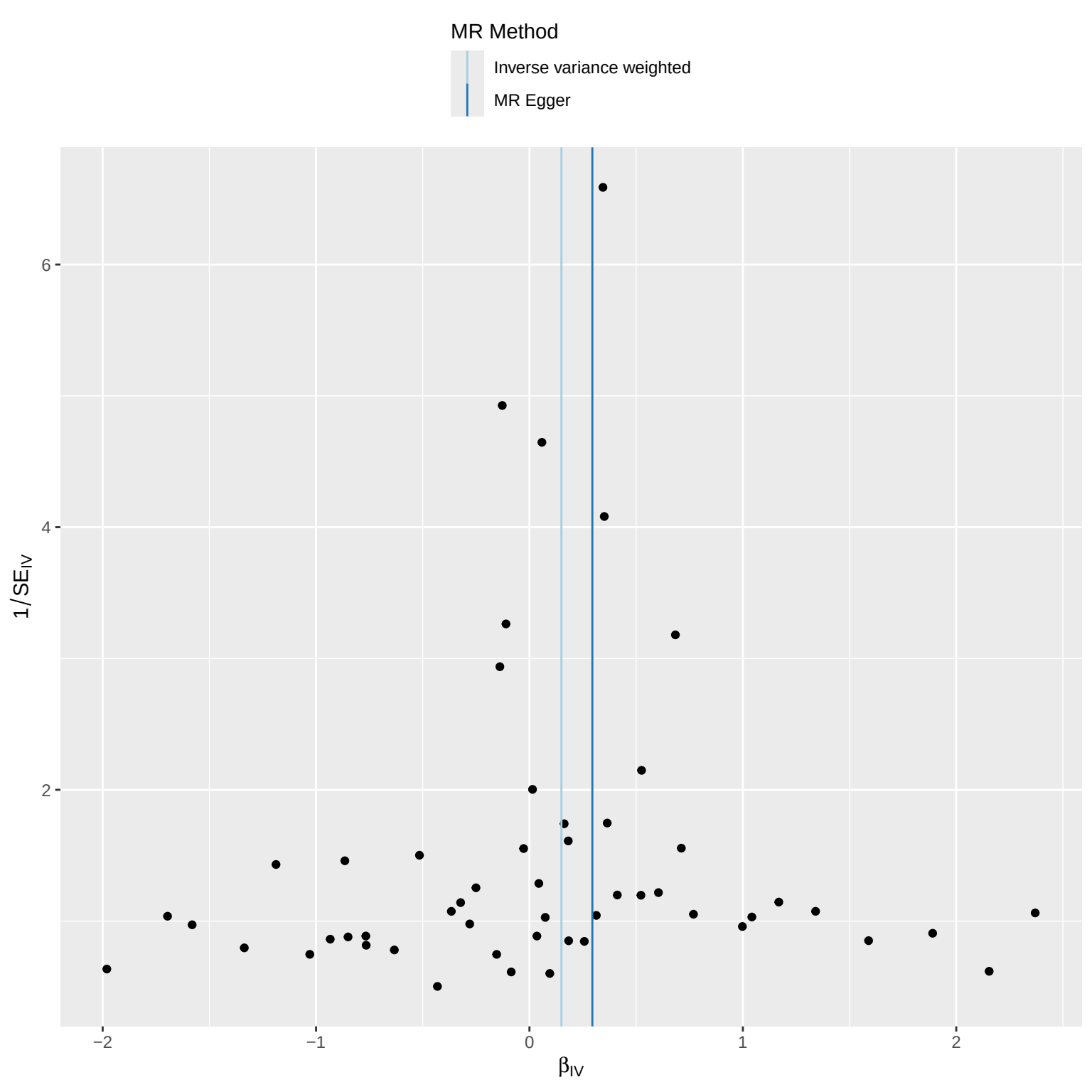

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
1/SE_IV
0
1
2
β_IV

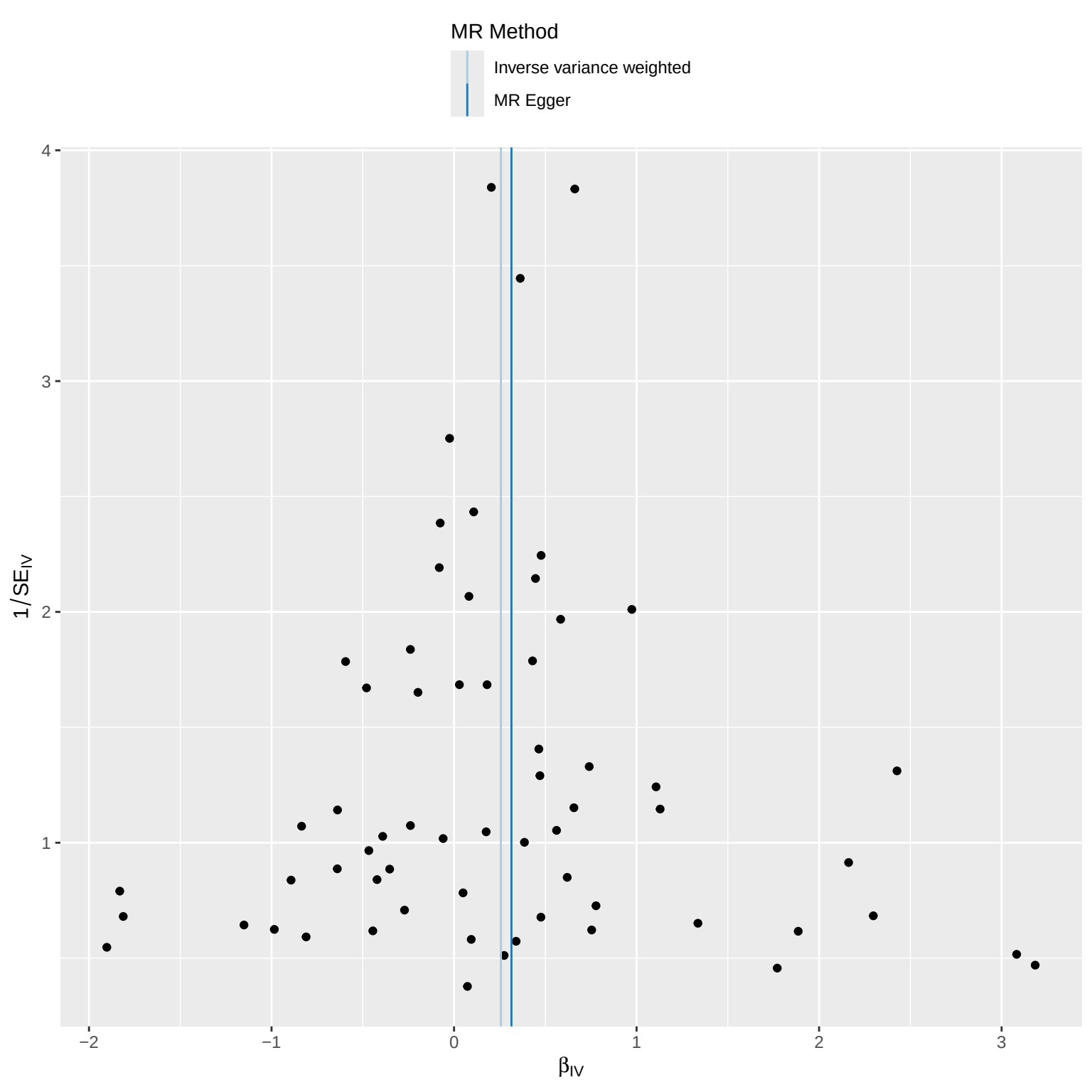

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

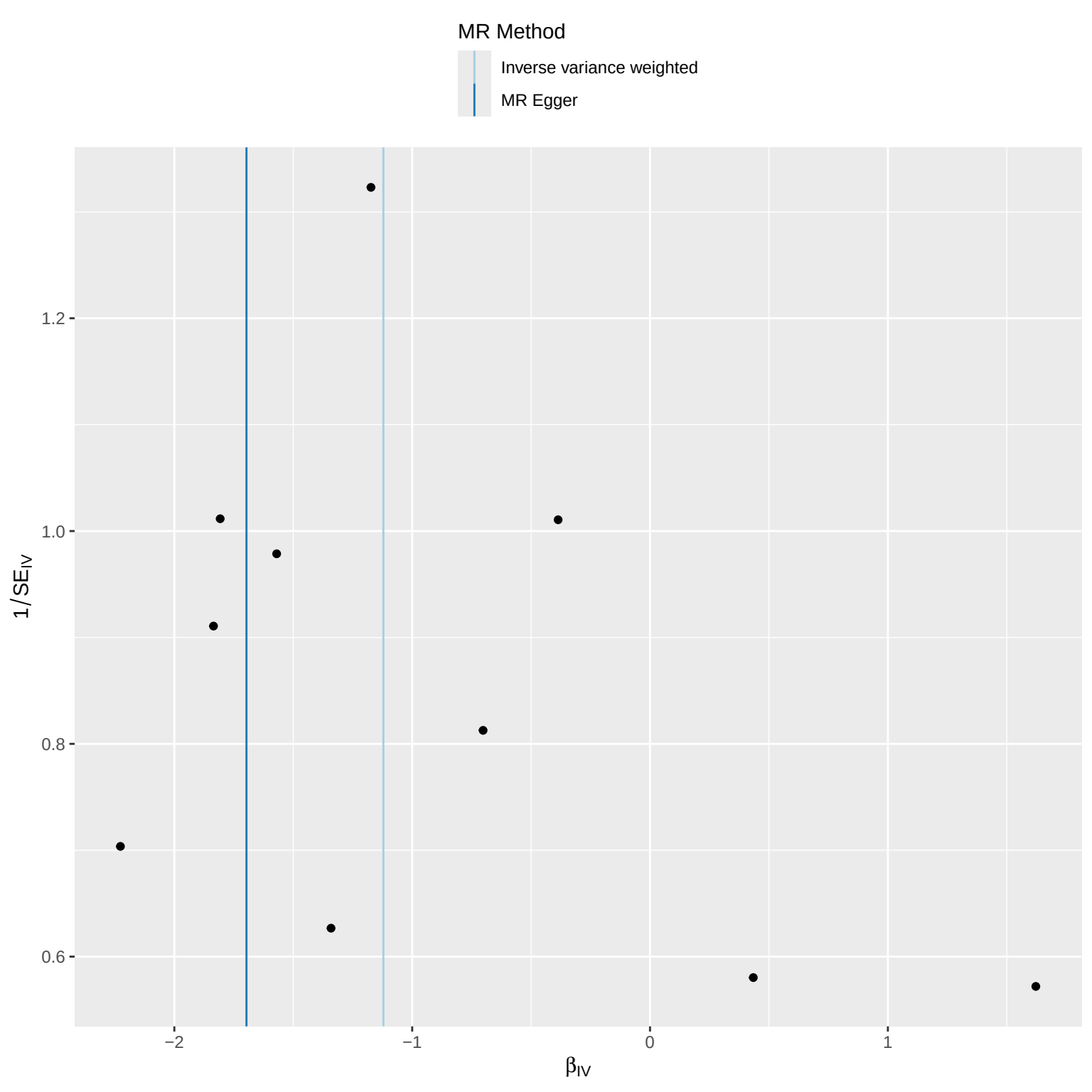

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

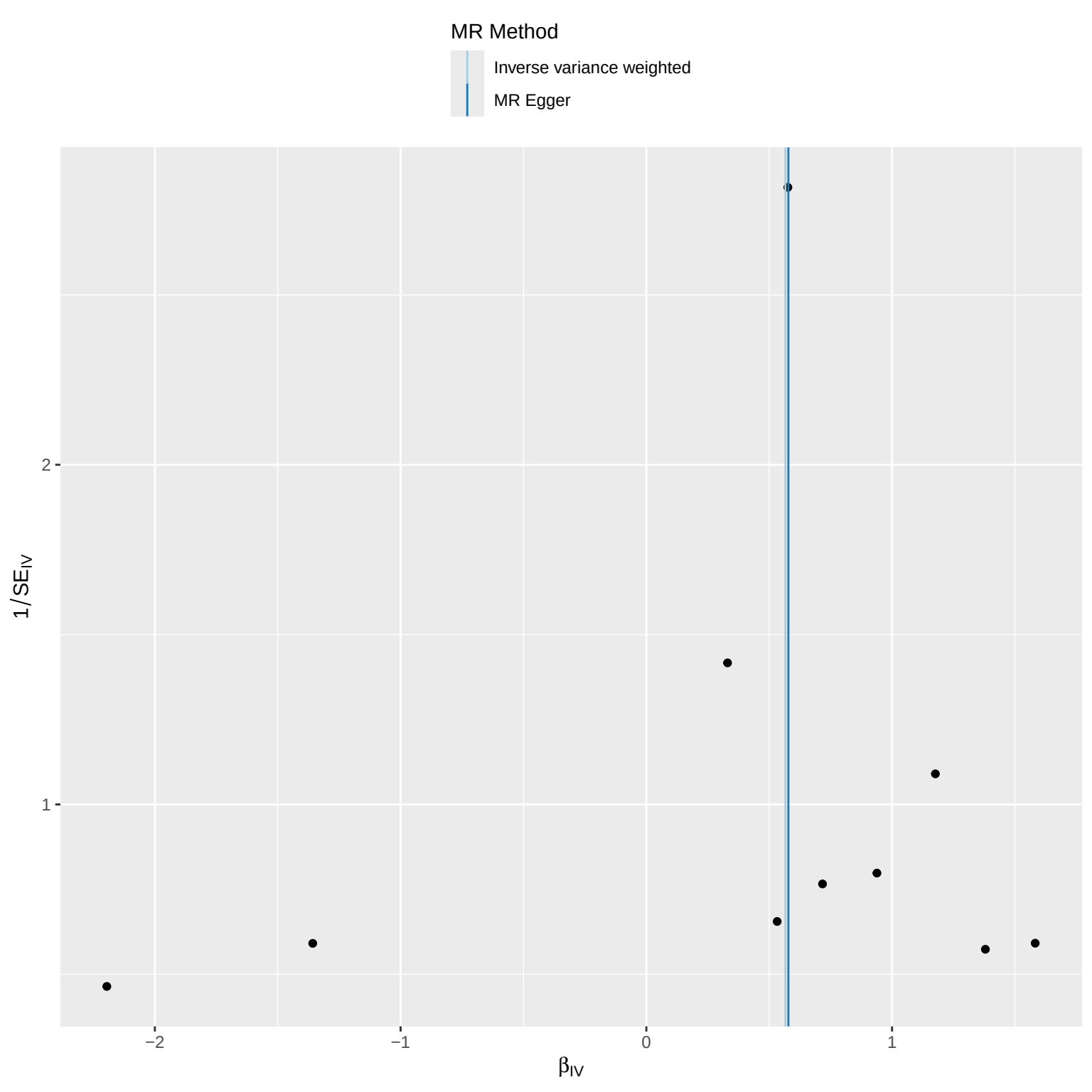

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

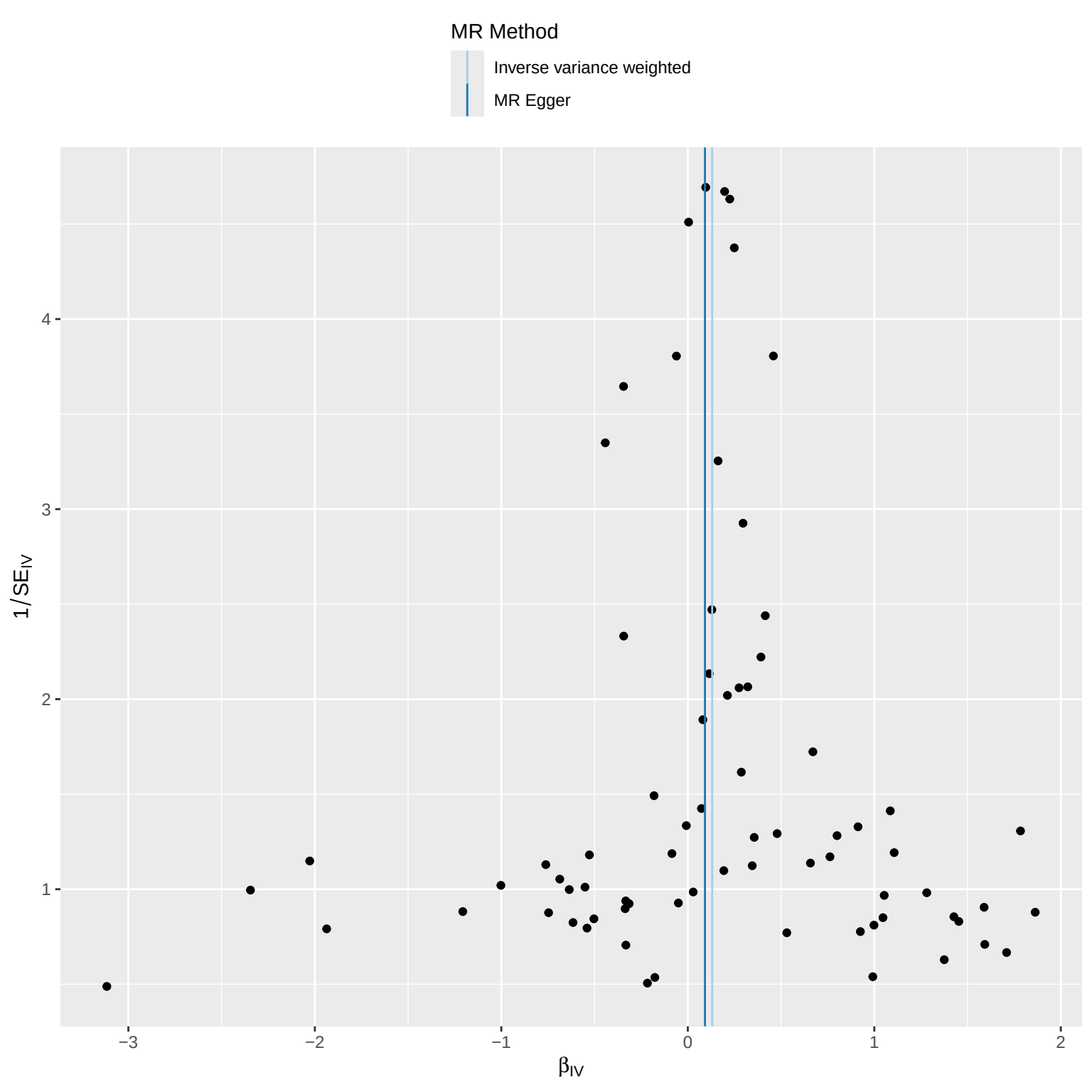

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

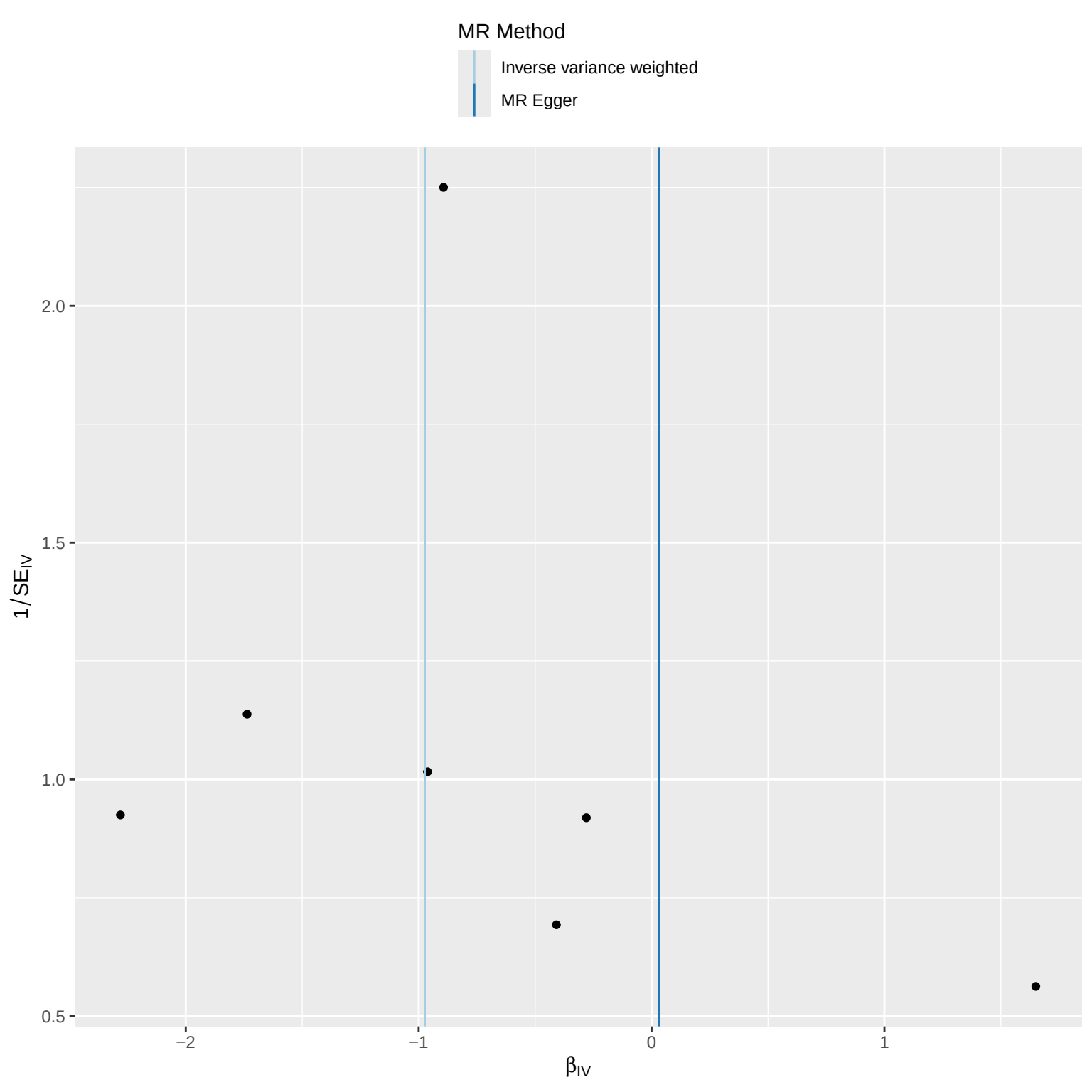

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

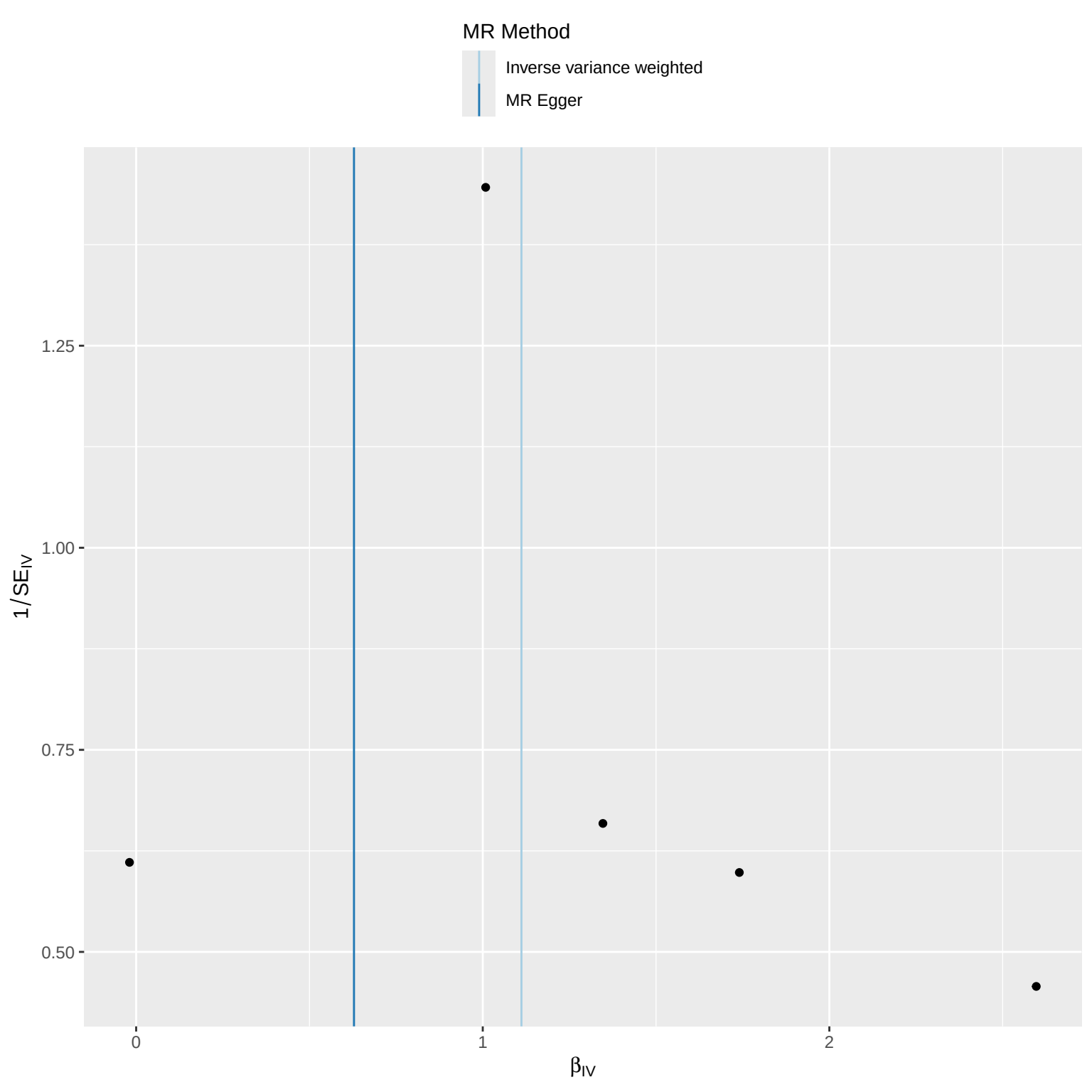

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

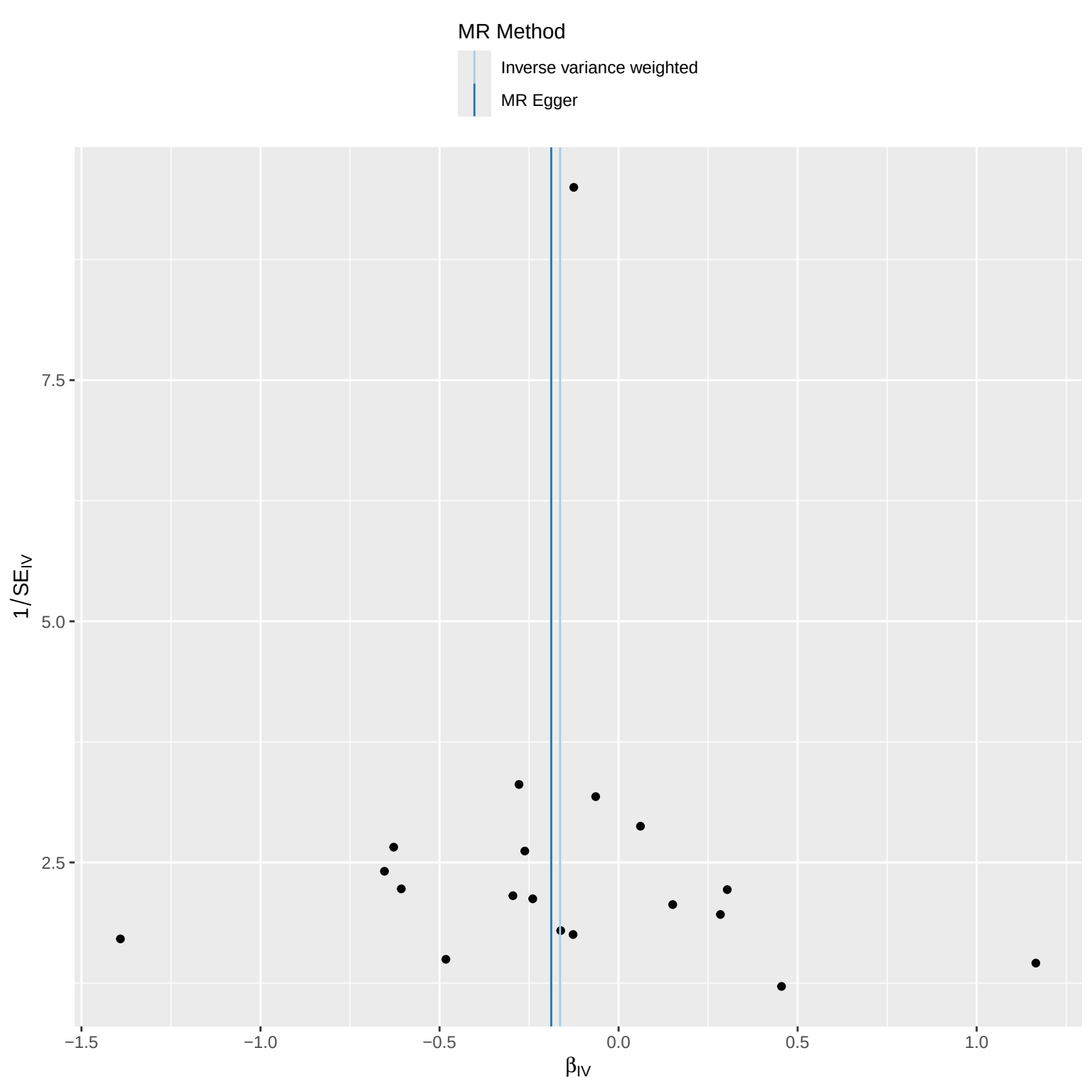

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2
−1
0
1
β_IV

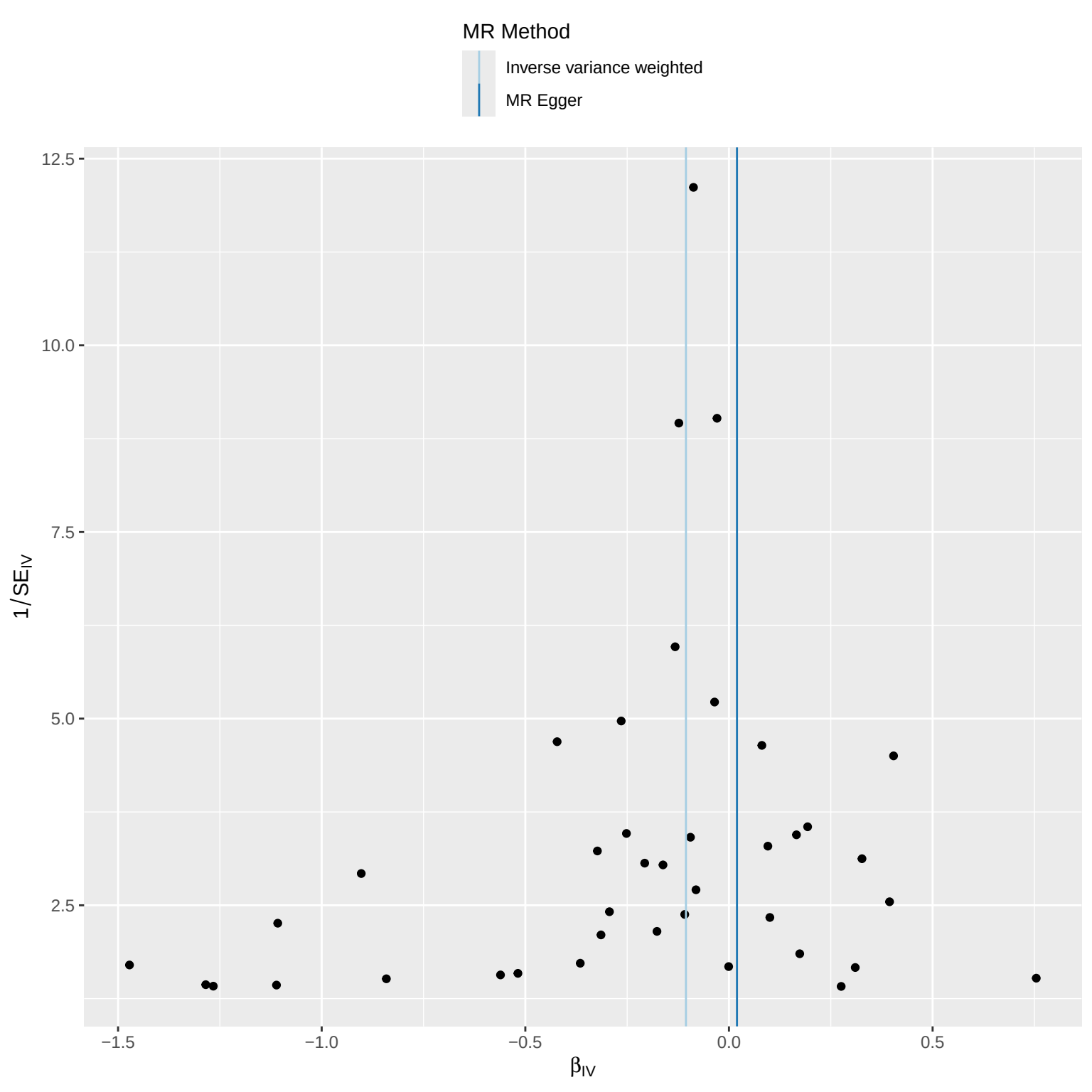

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

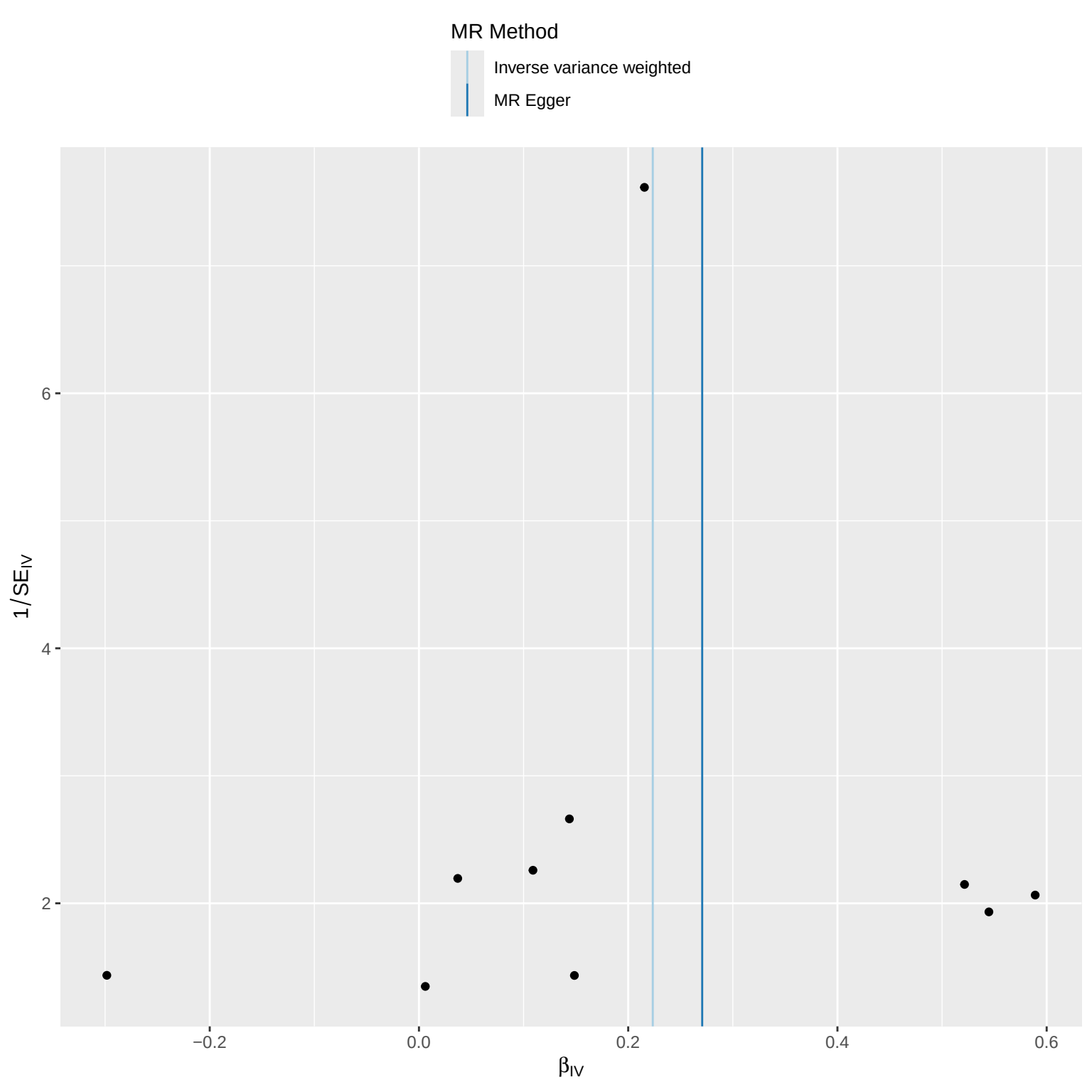

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

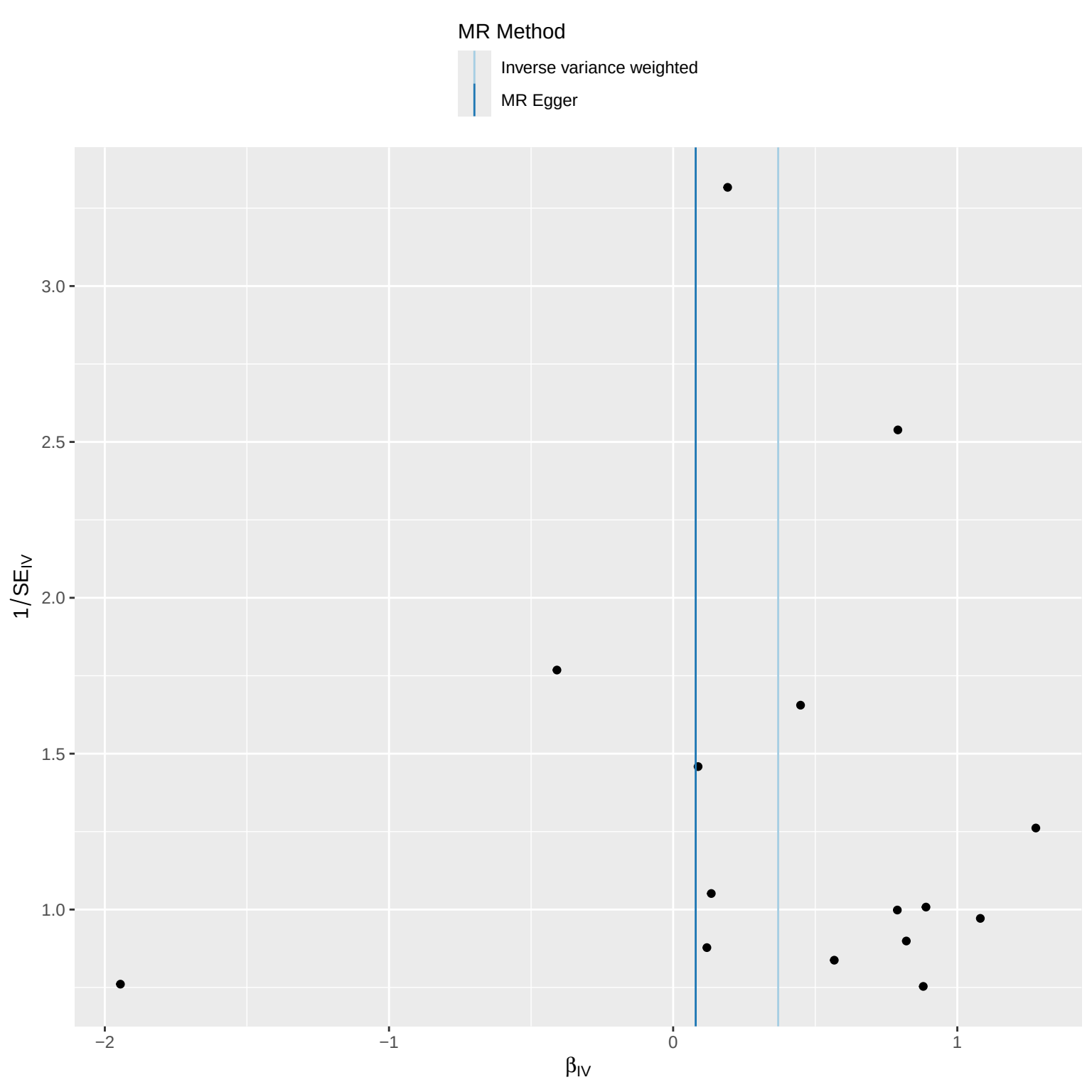

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

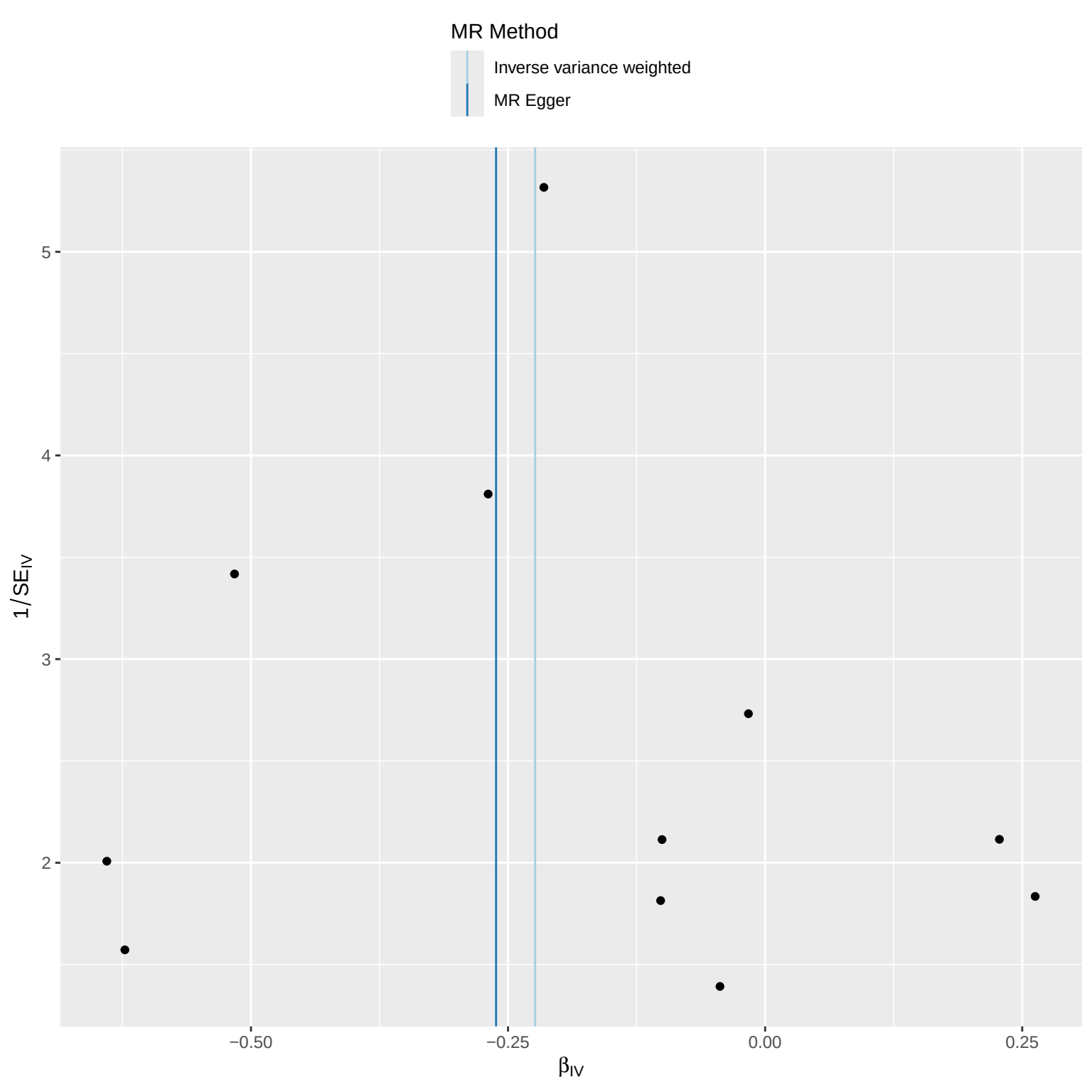

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
β_IV

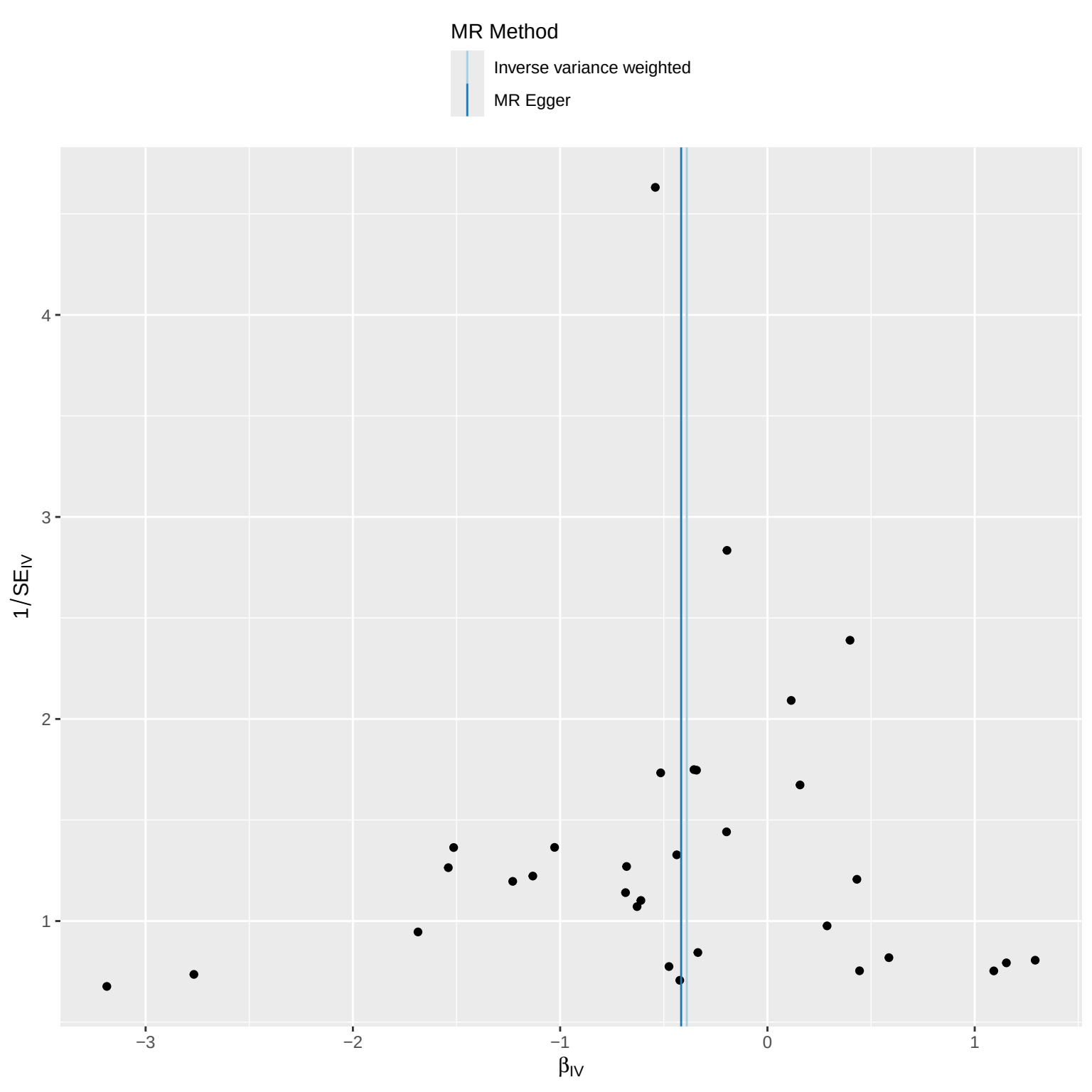

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

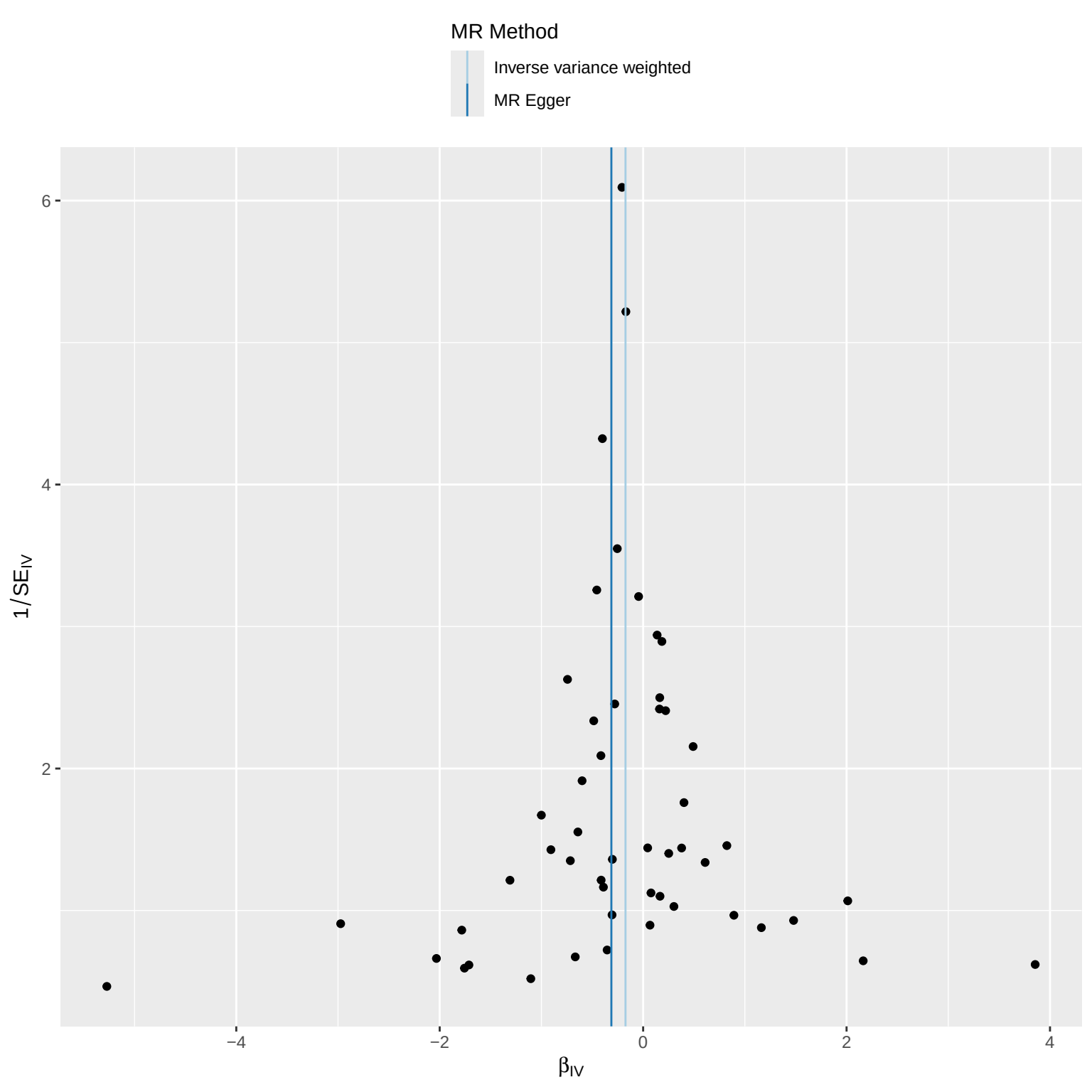

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

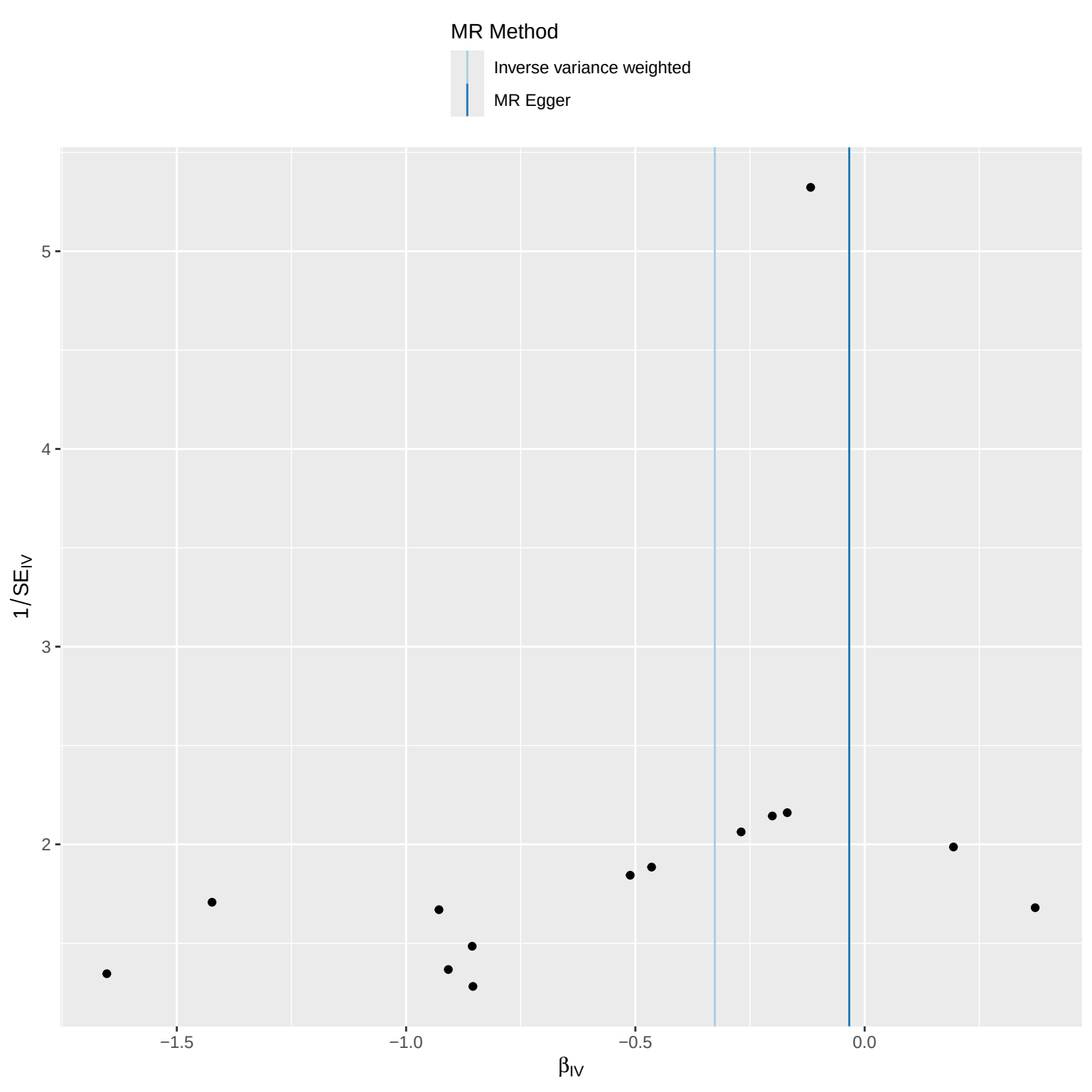

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.2
0.0
0.2
0.4
0.6
β_IV

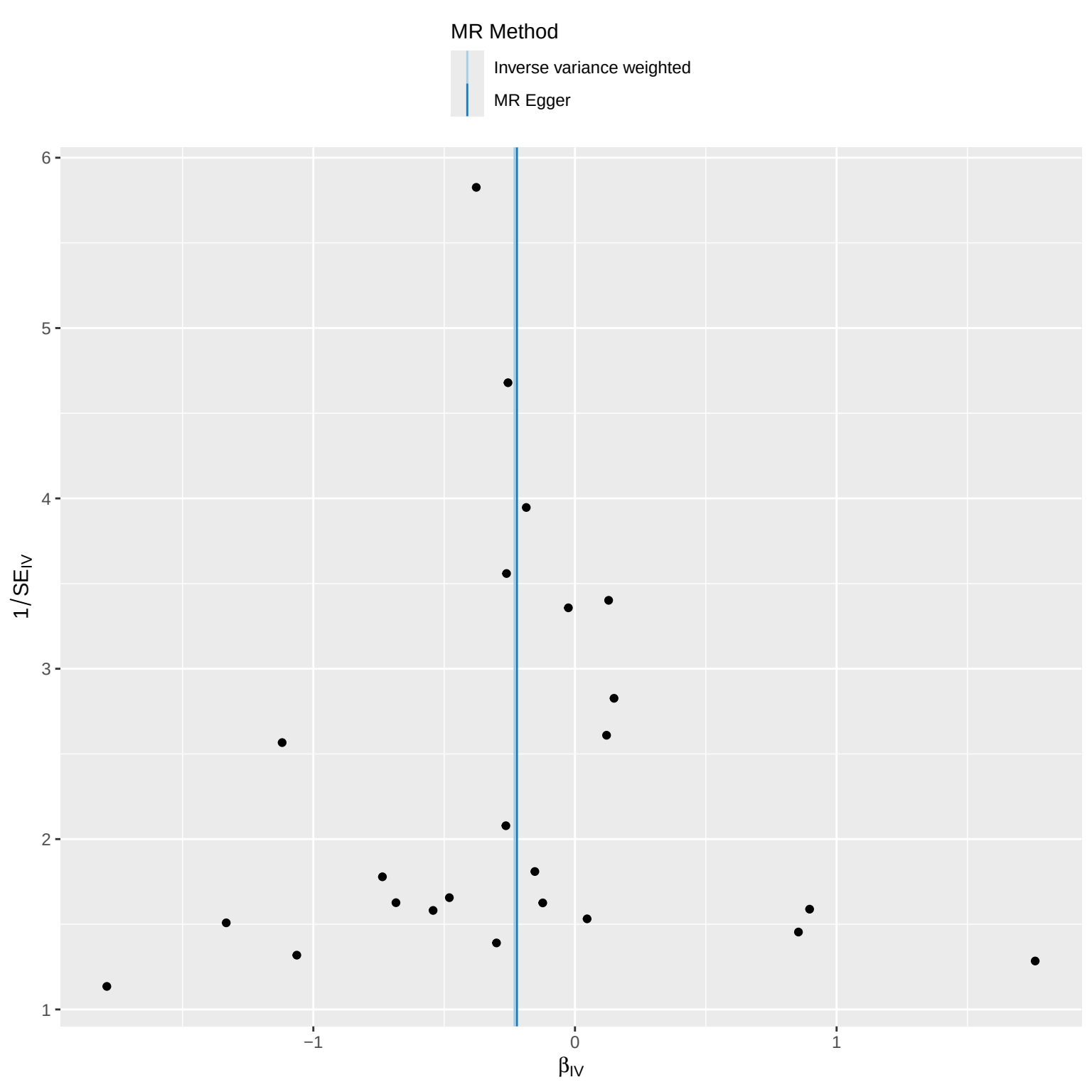

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

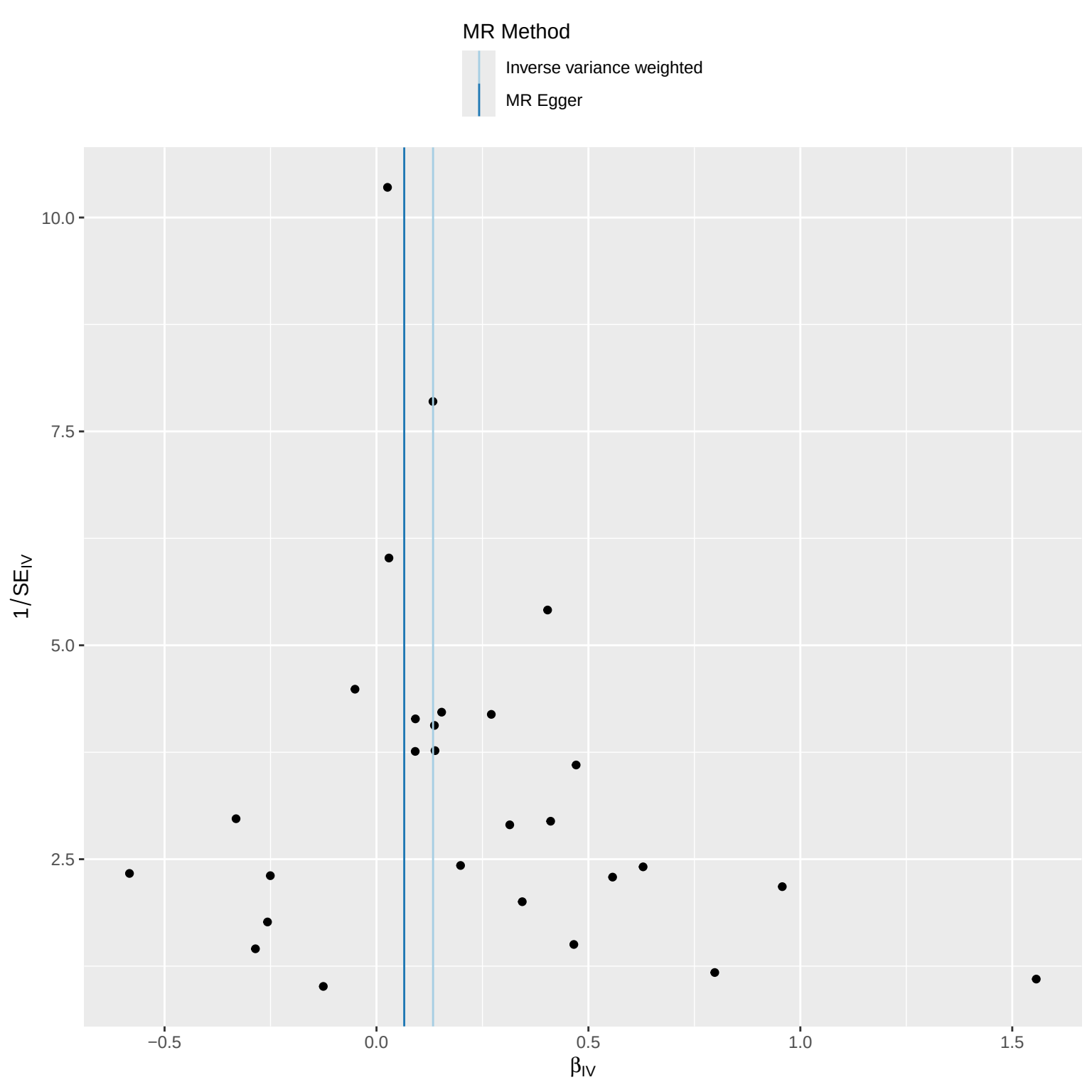

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

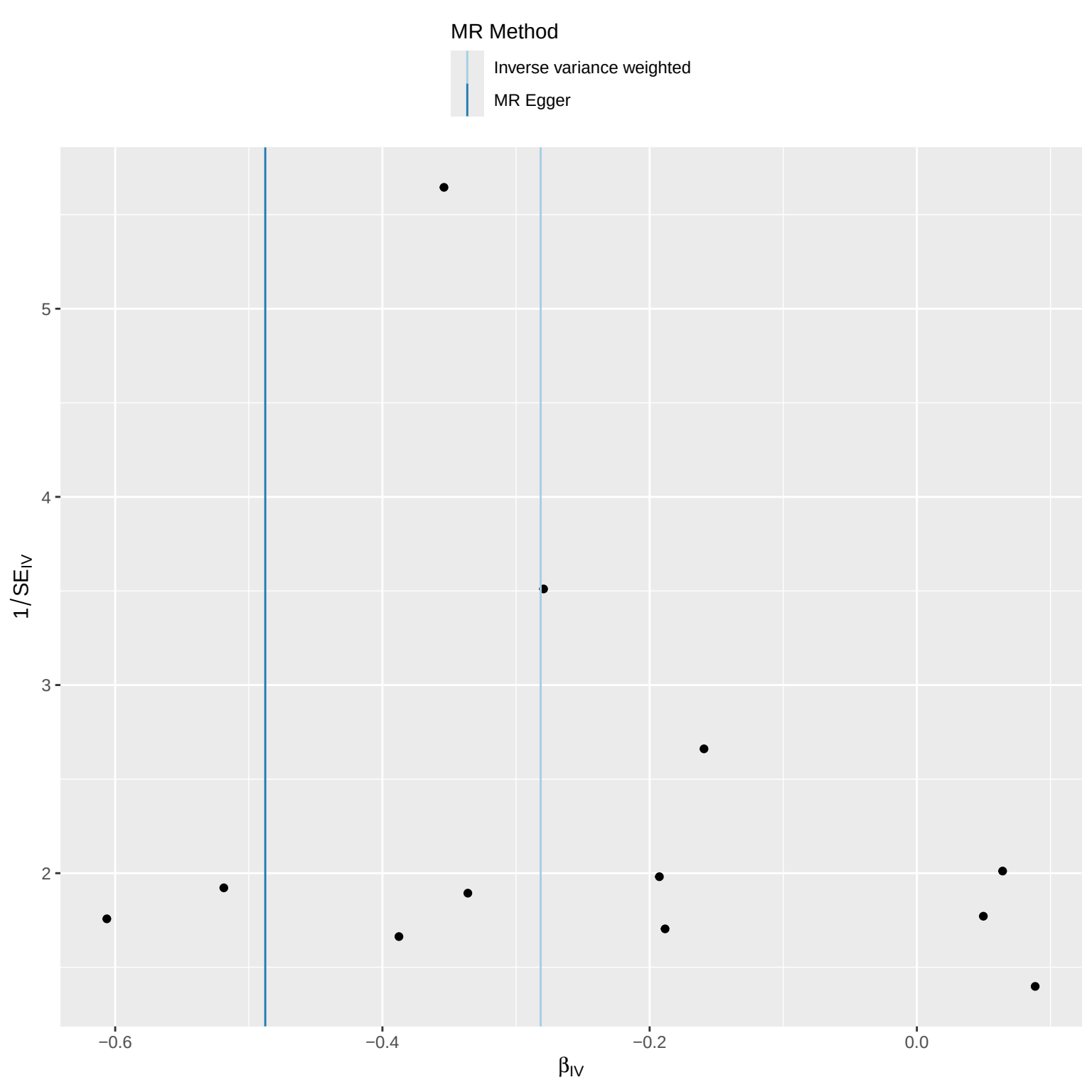

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

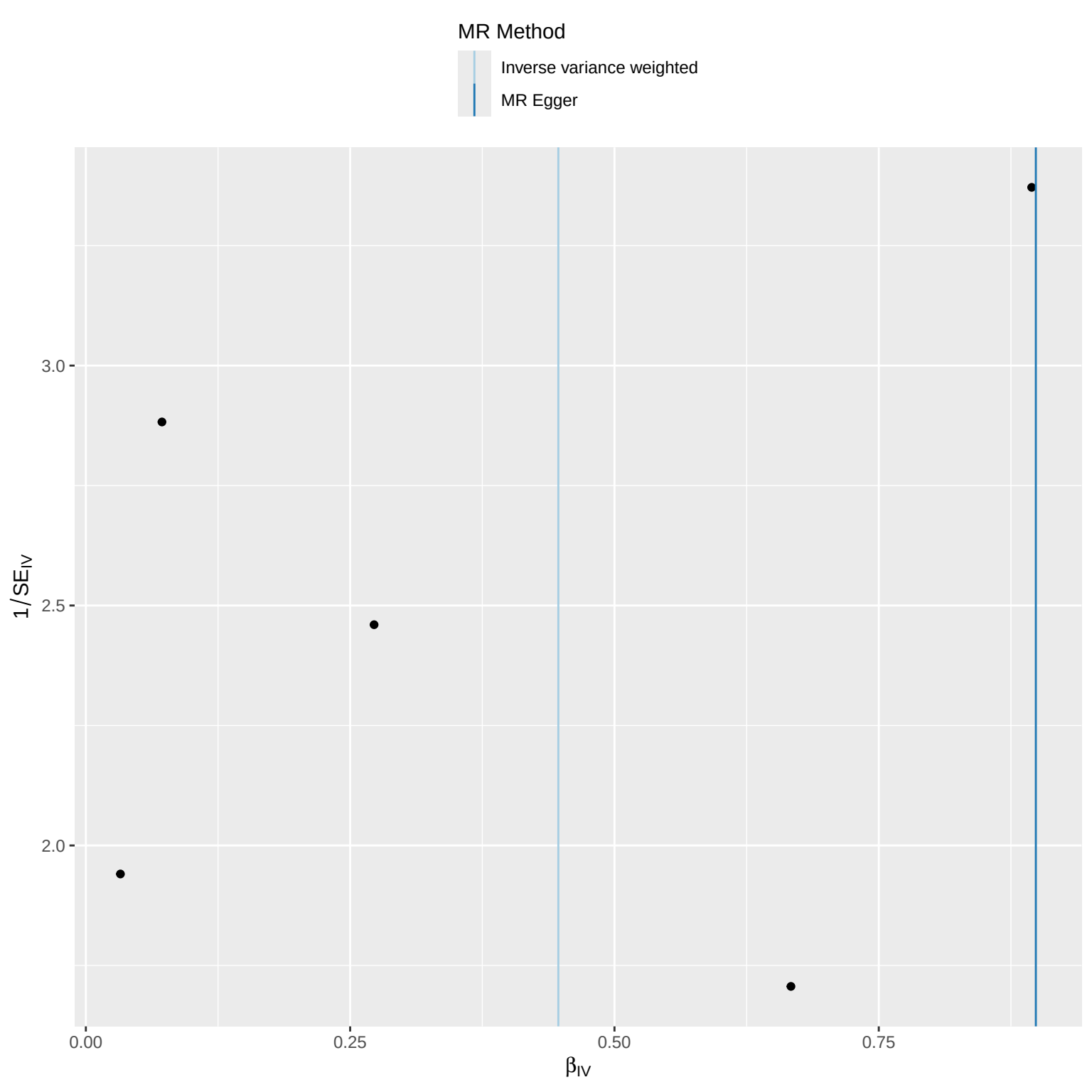

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−2
0
2
4
β_IV

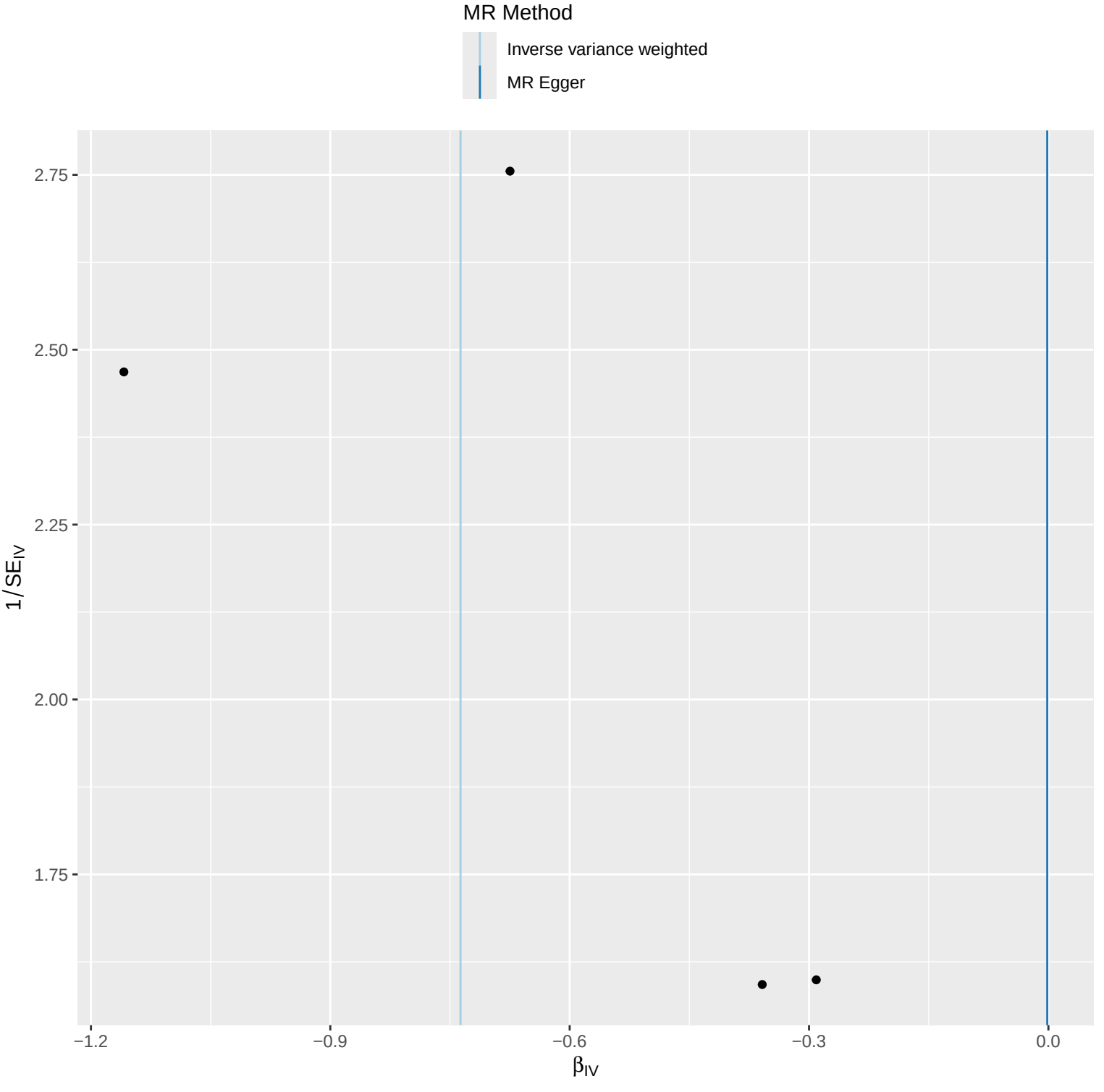

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

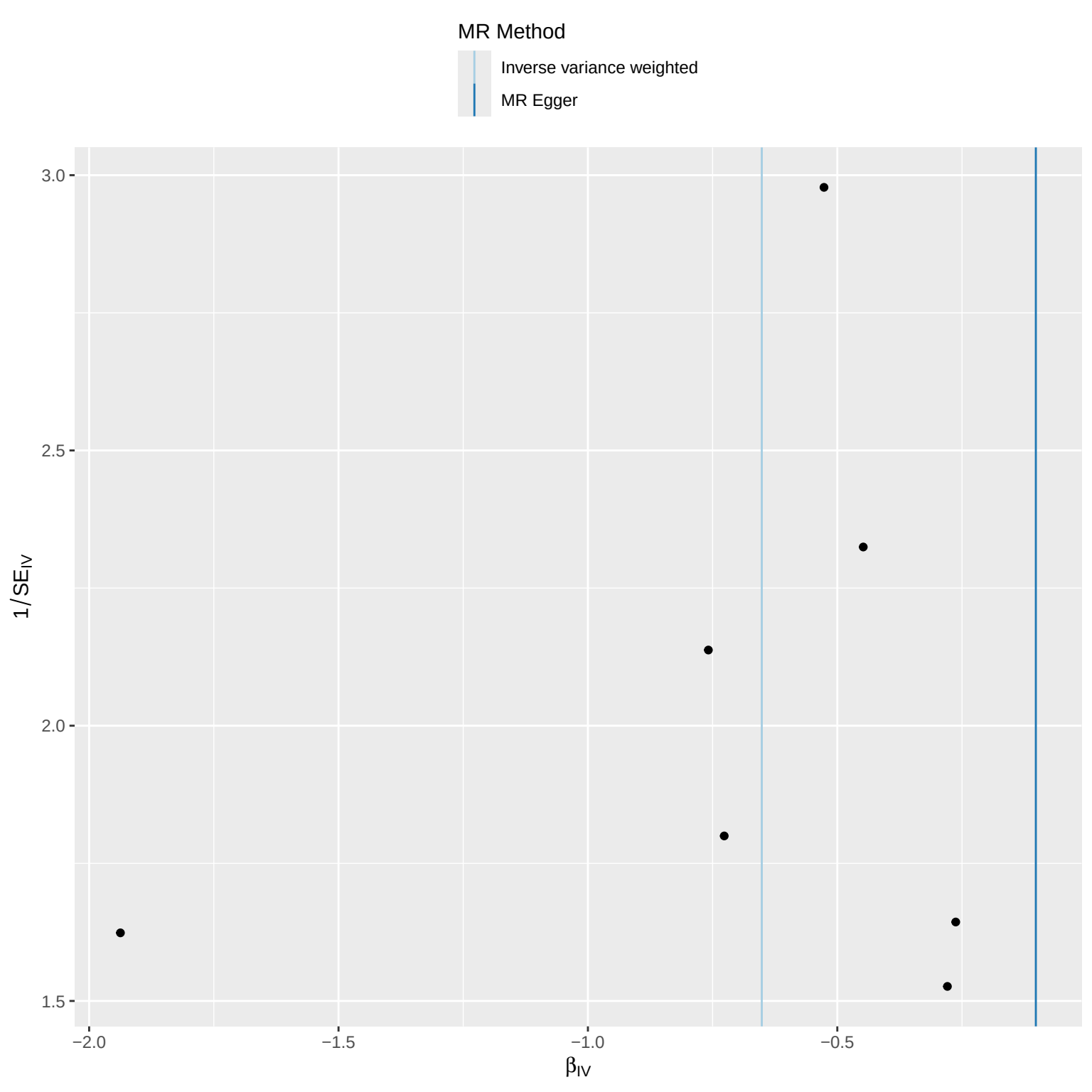

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

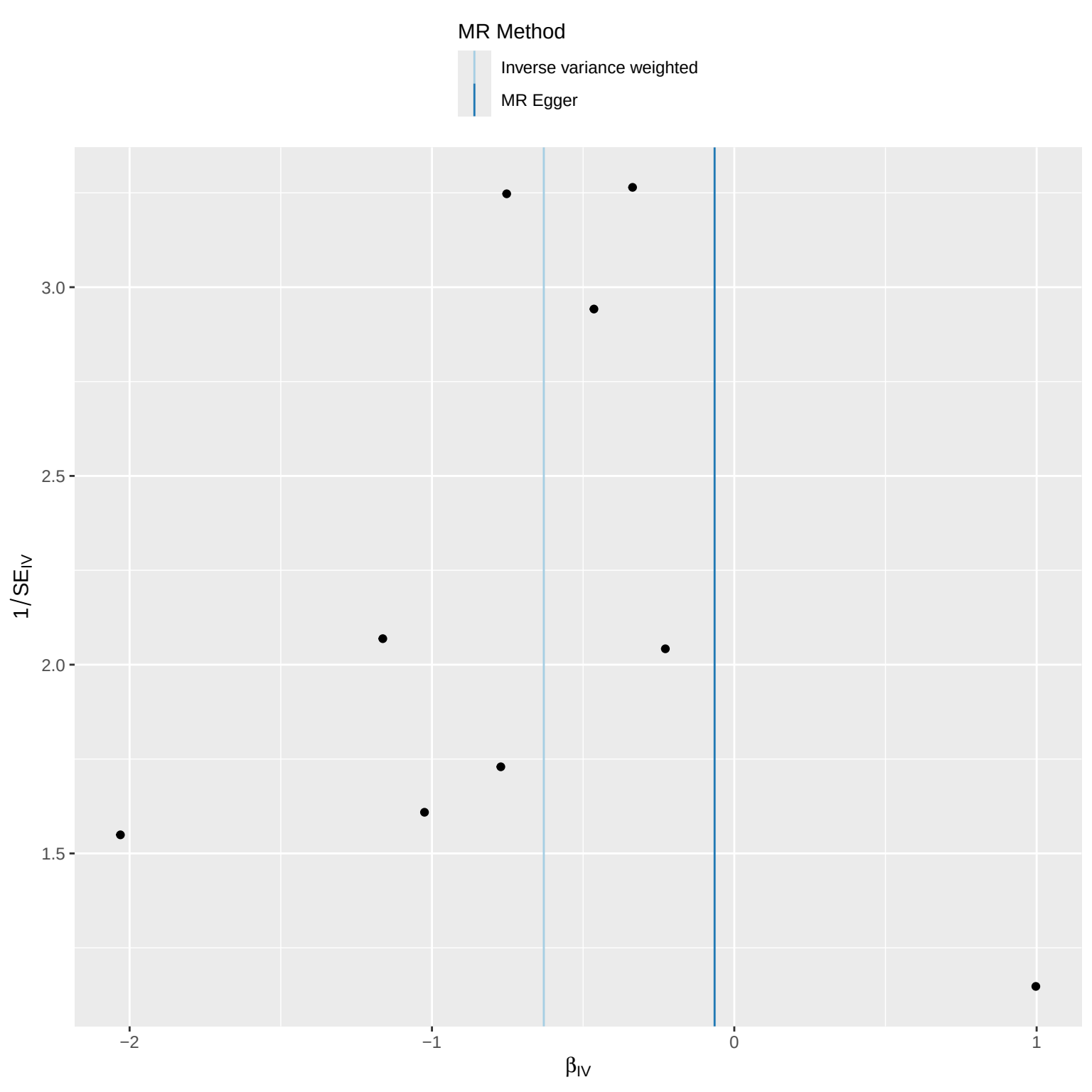

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

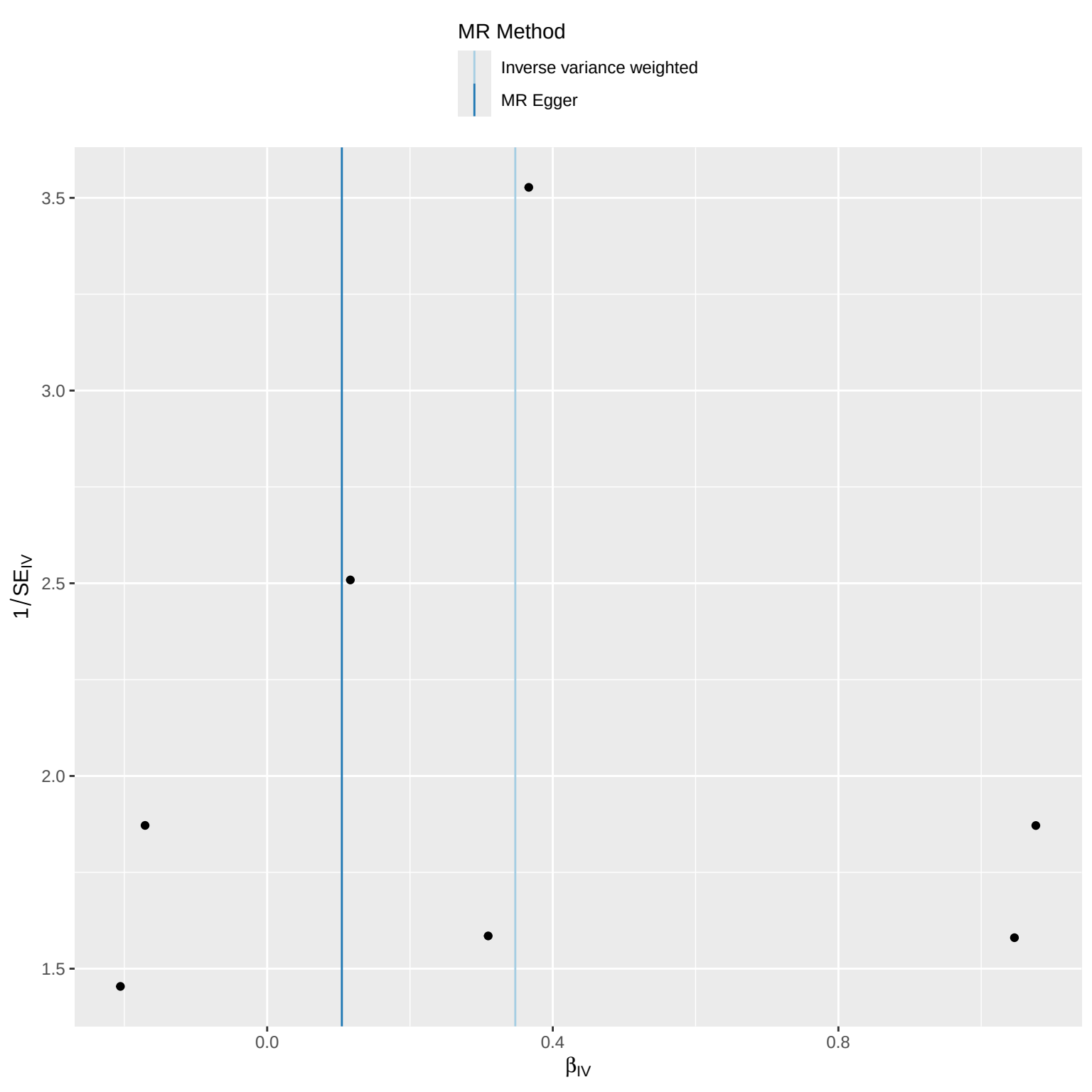

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

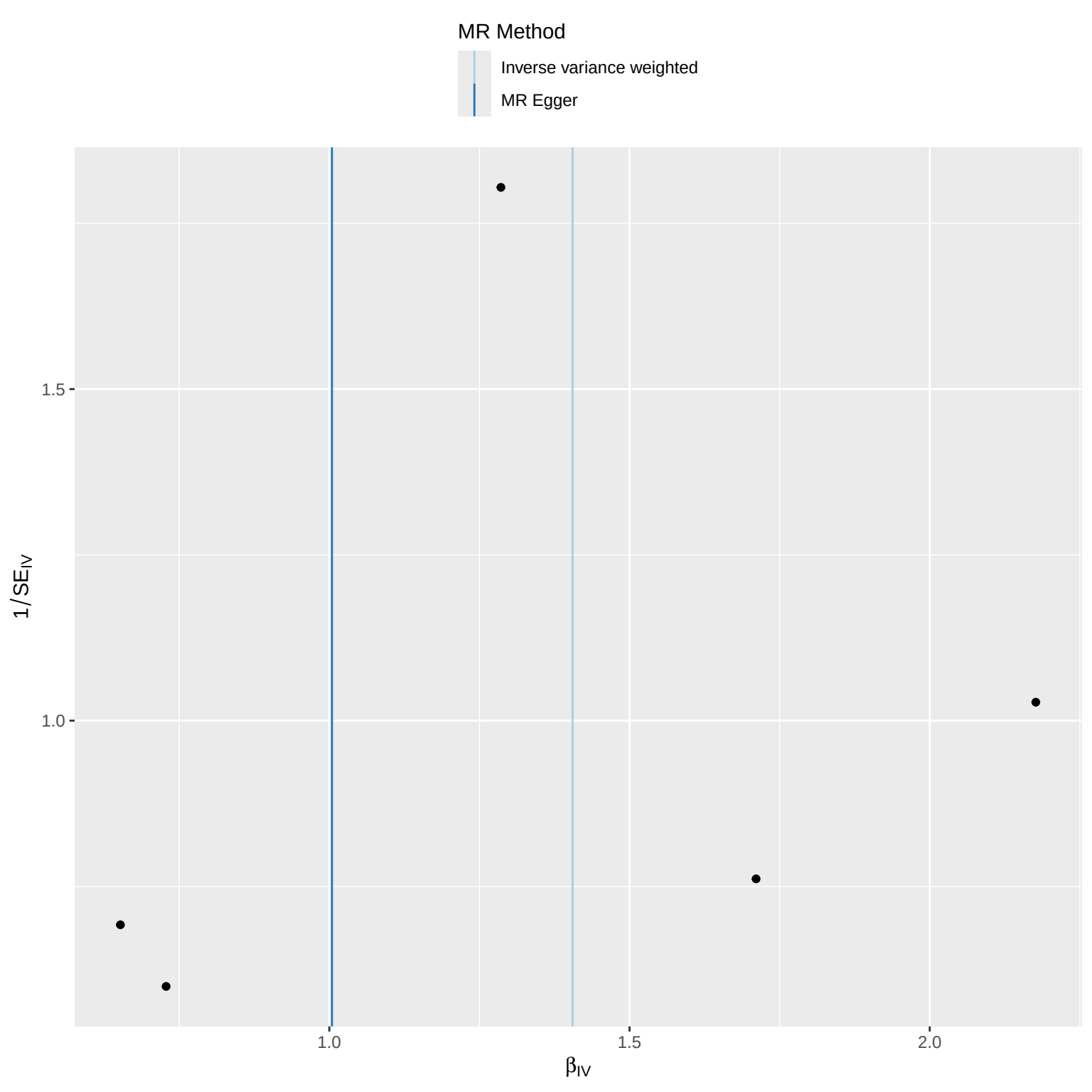

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

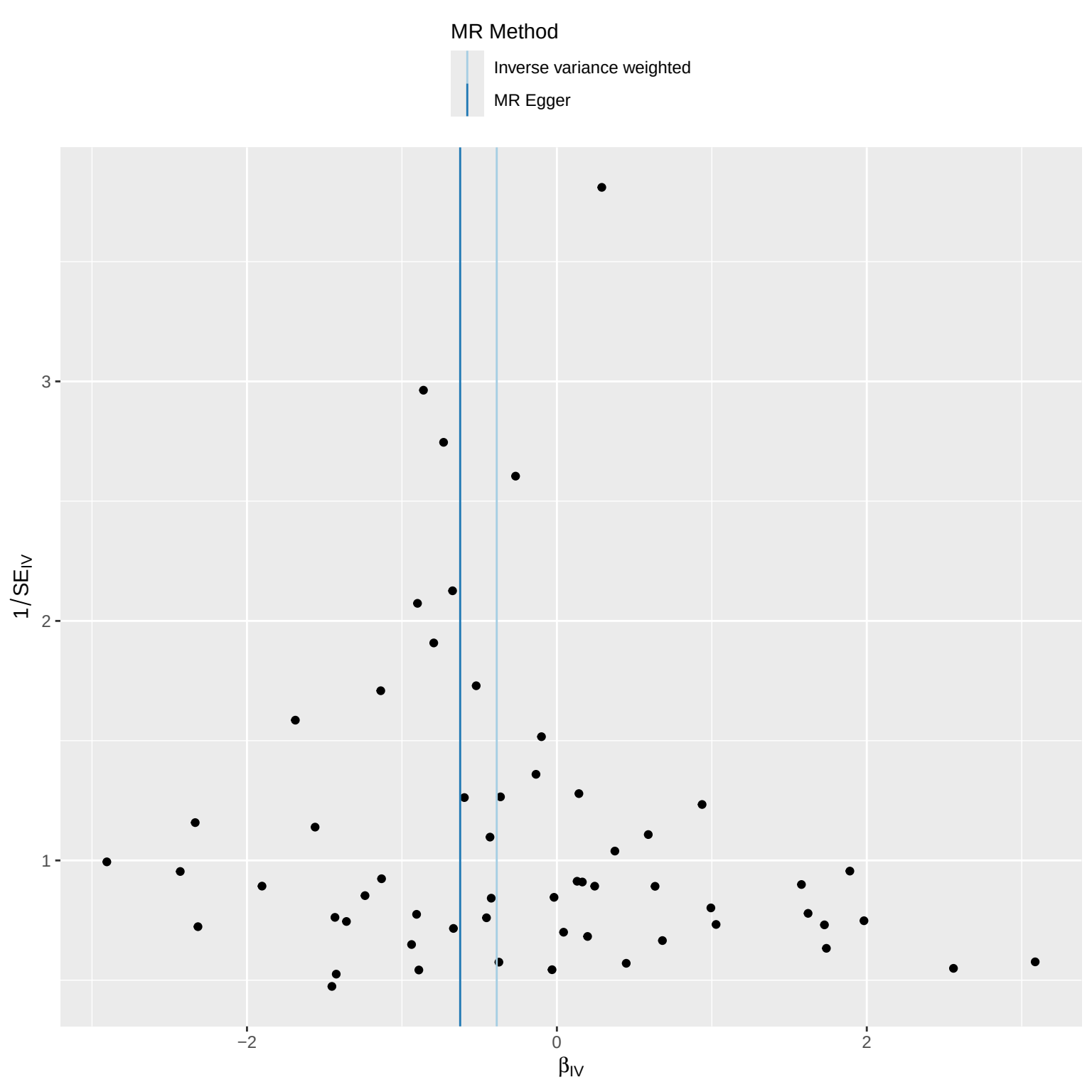

MR Method
Inverse variance weighted
MR Egger
2.75
2.50
2.25
2.00
1.75
1/SE_IV
−1.2
−0.9
−0.6
−0.3
0.0
β_IV

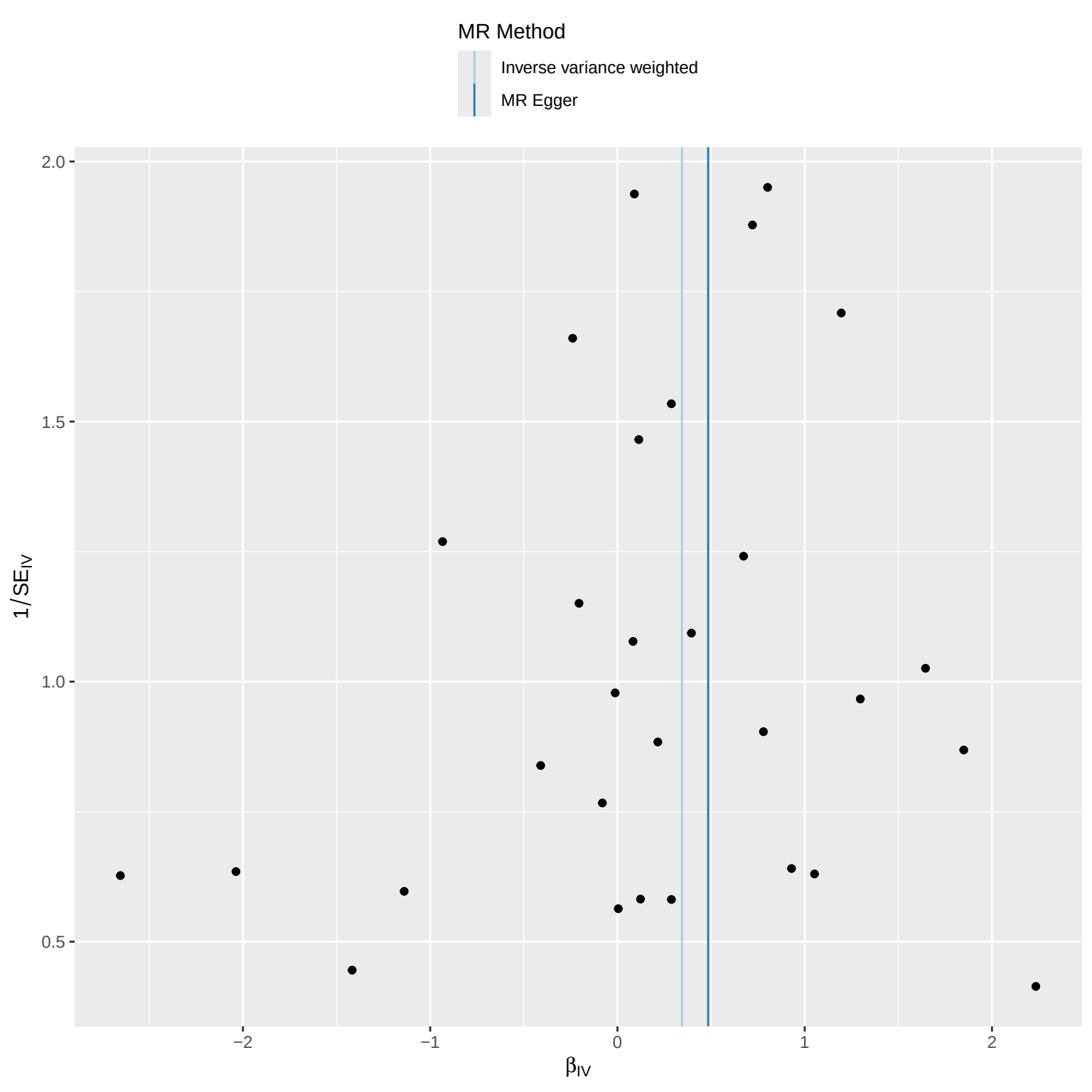

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

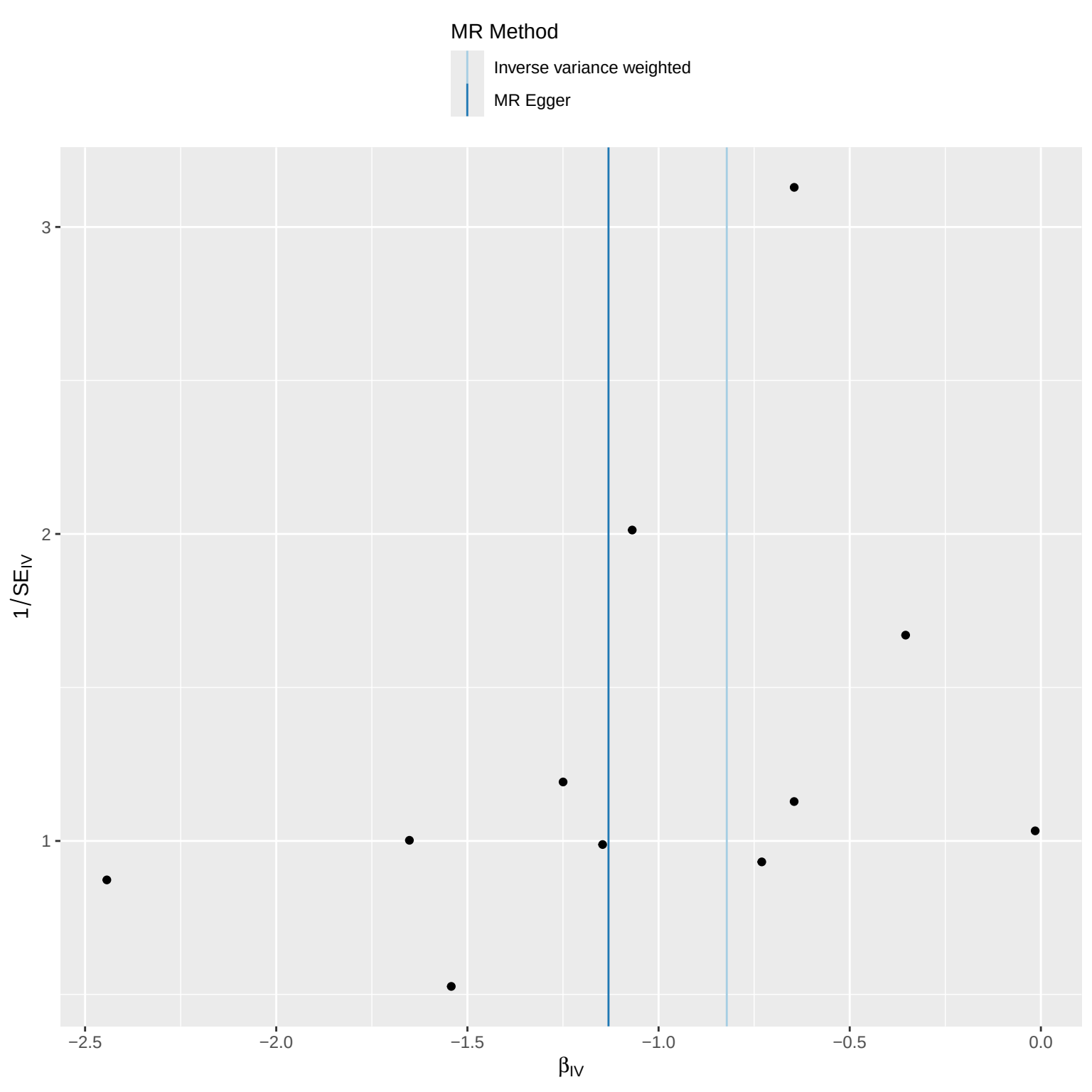

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−2
−1
0
1
β_IV

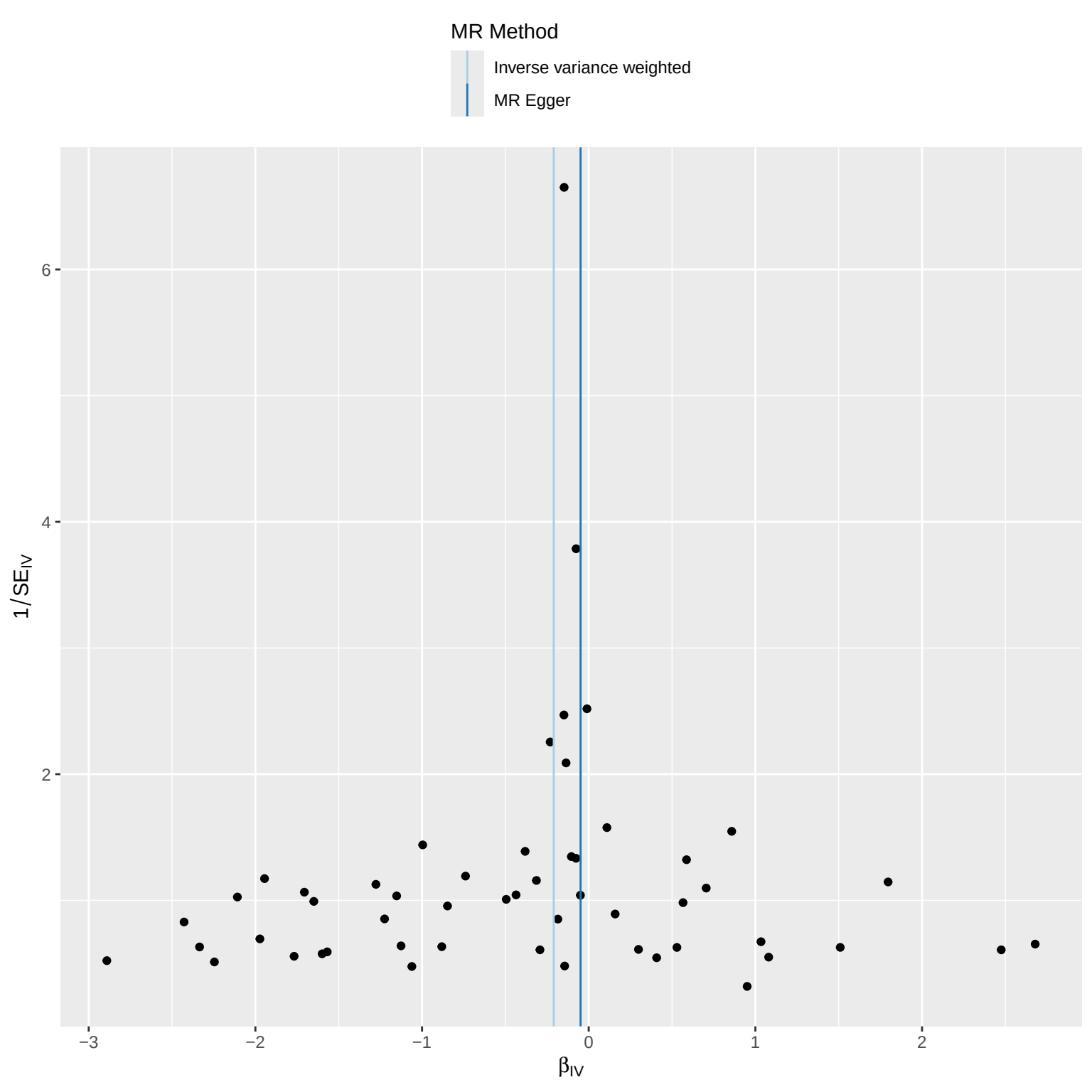

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
0.0
0.4
0.8
β_IV

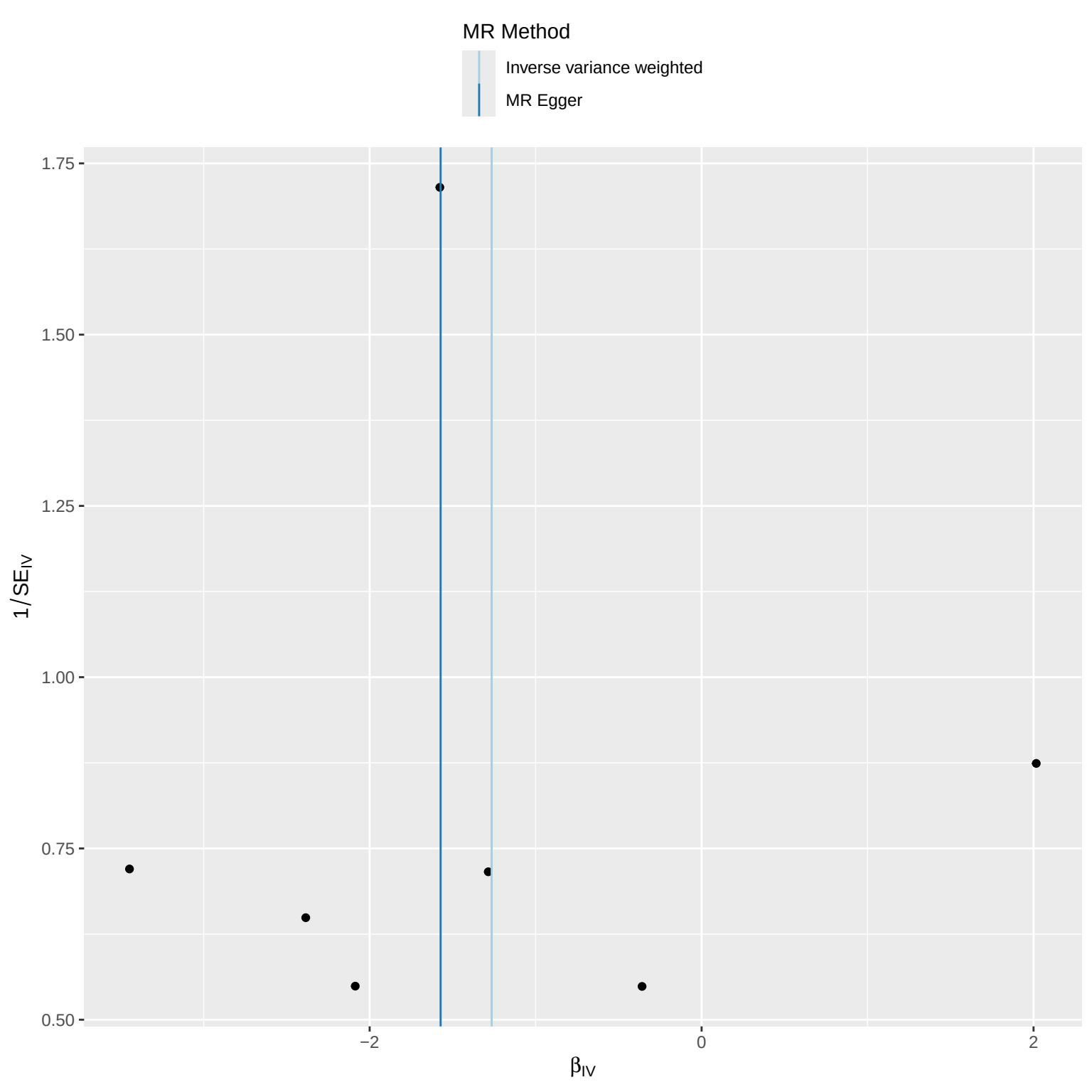

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
1.0
1.5
2.0
β_IV

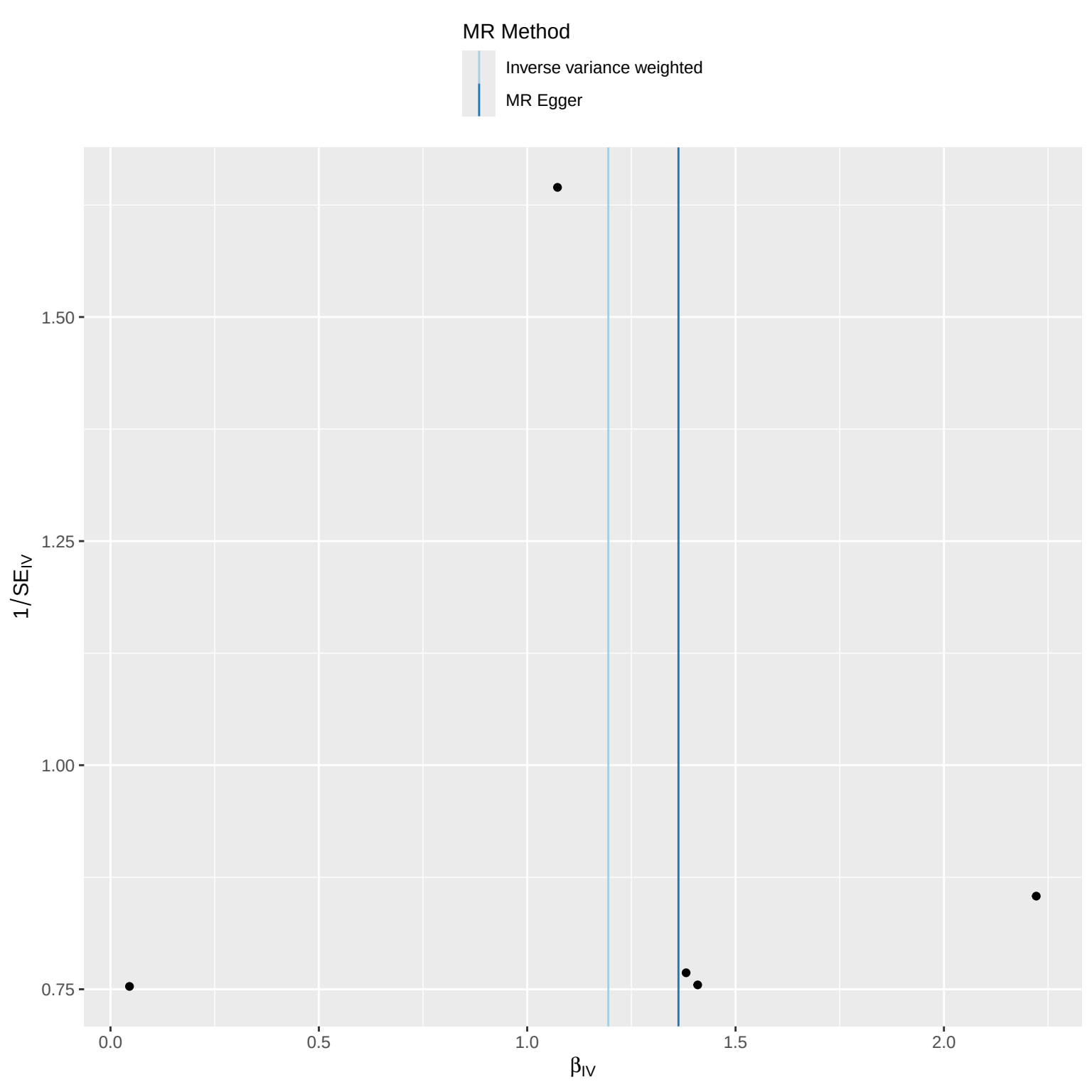

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

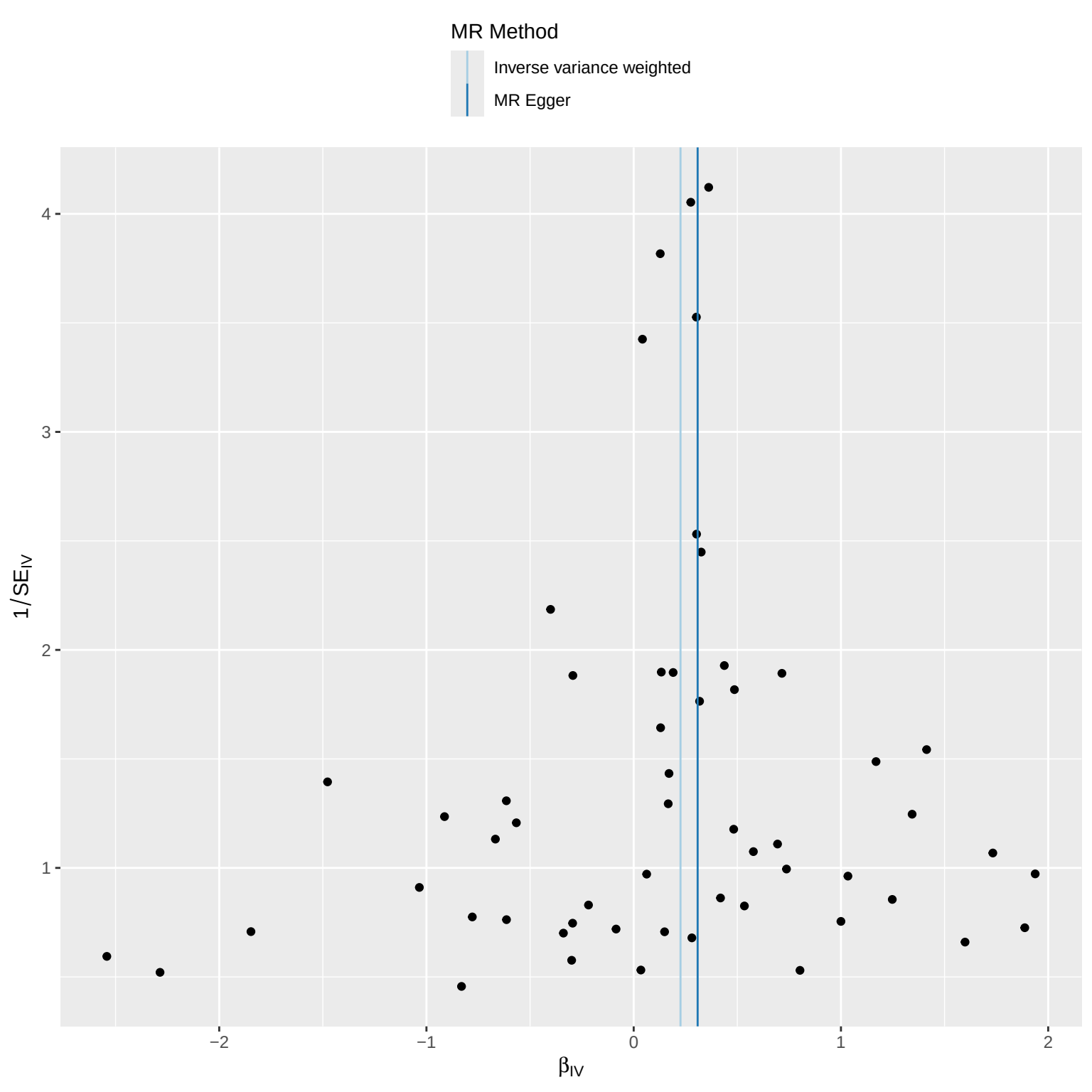

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

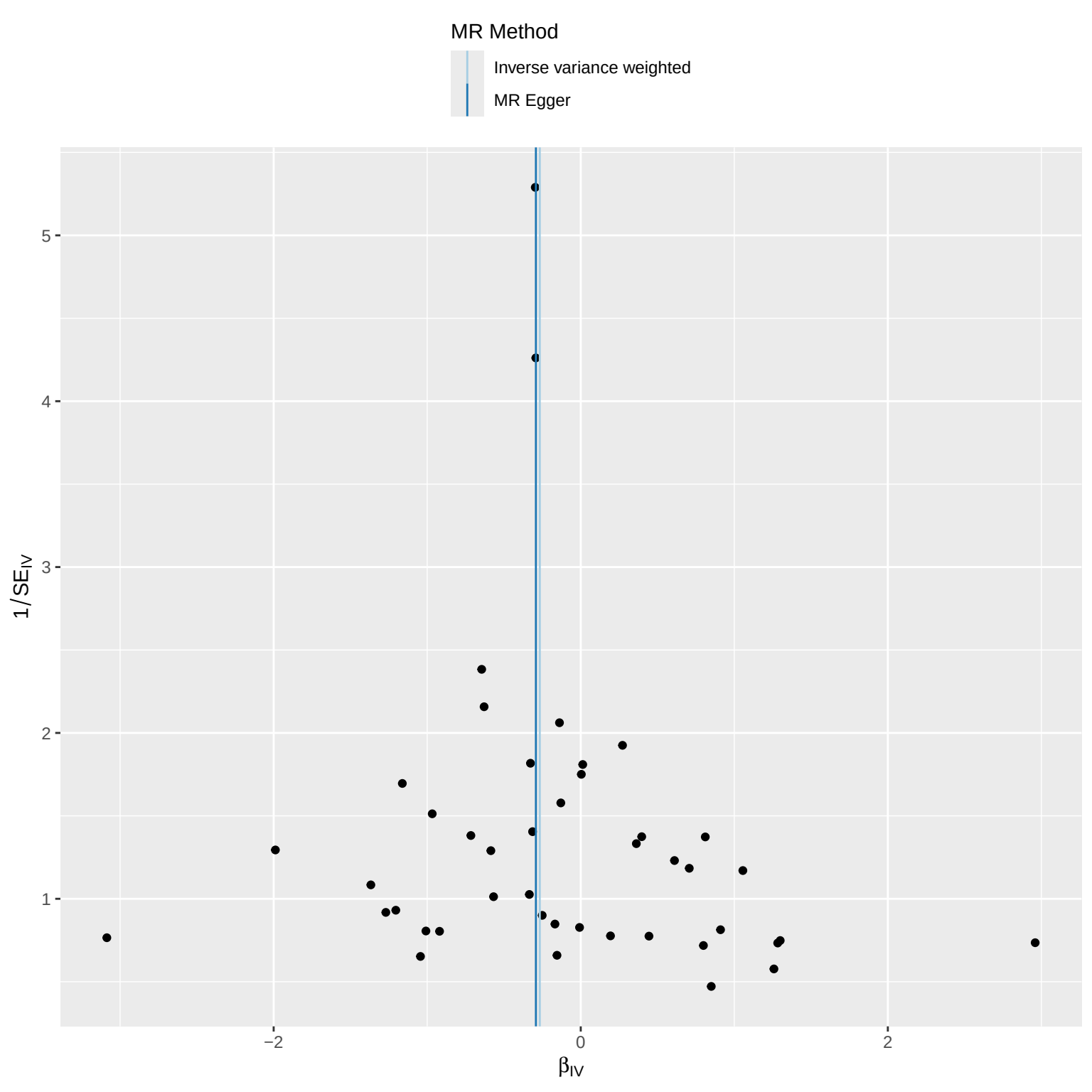

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

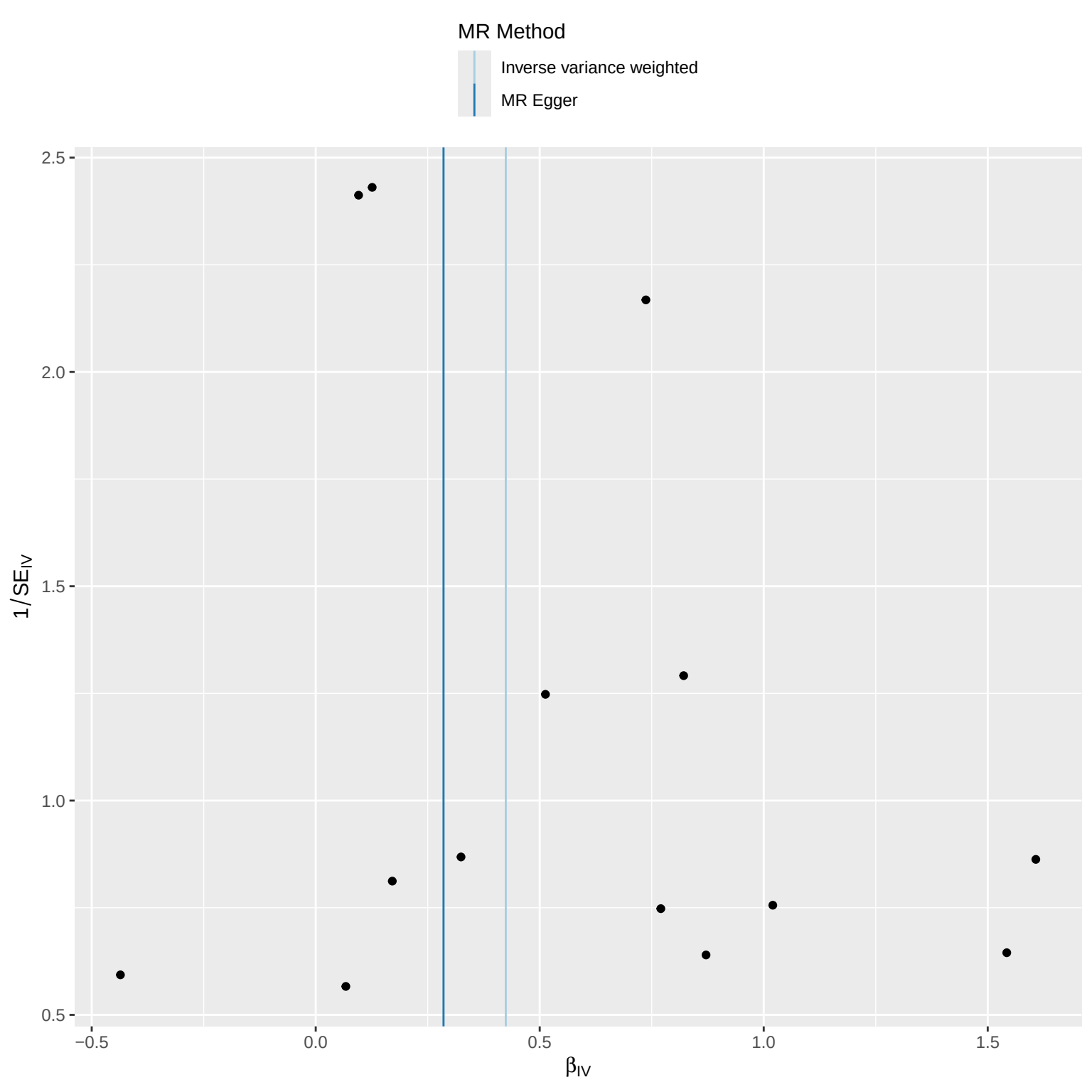

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

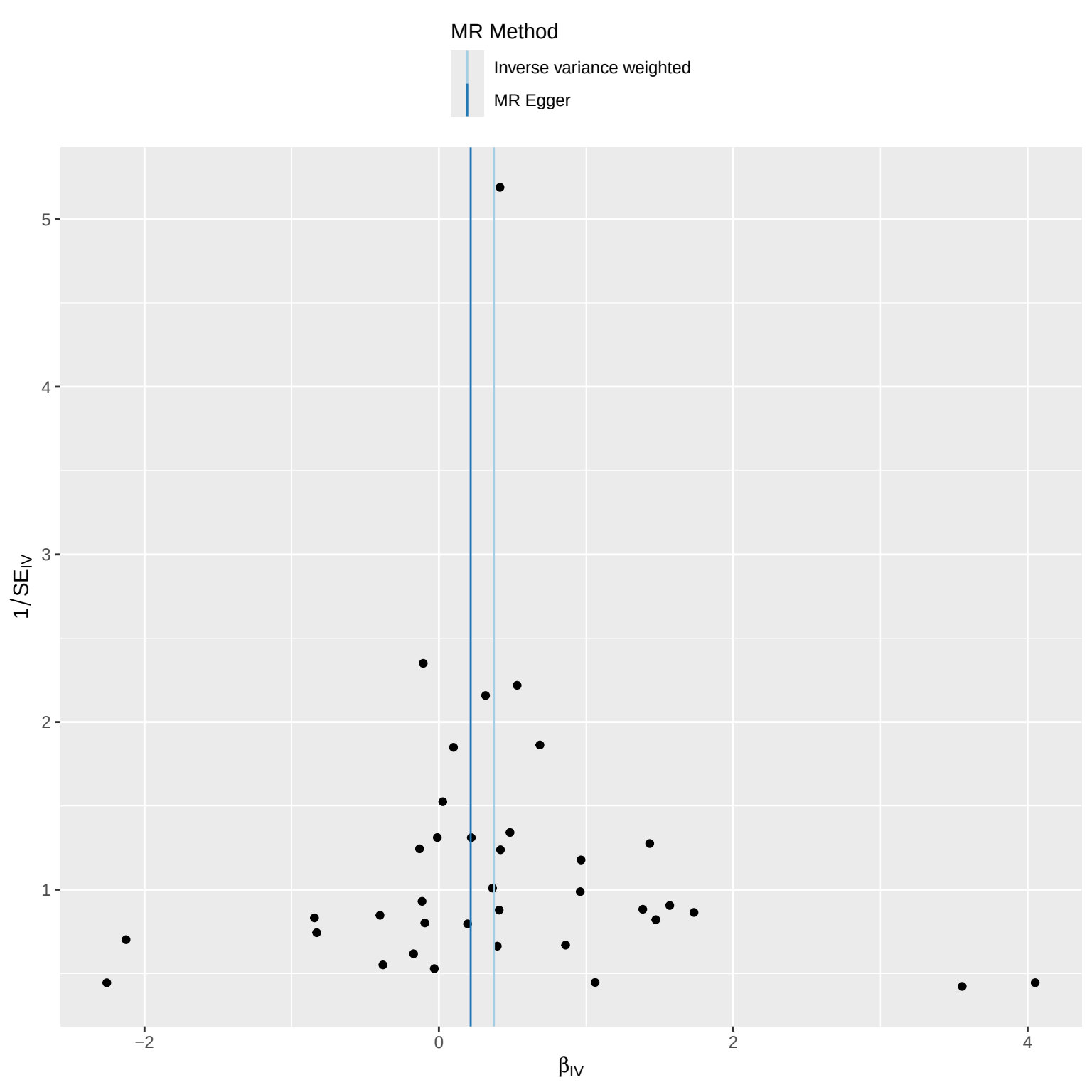

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
0
2
β_IV

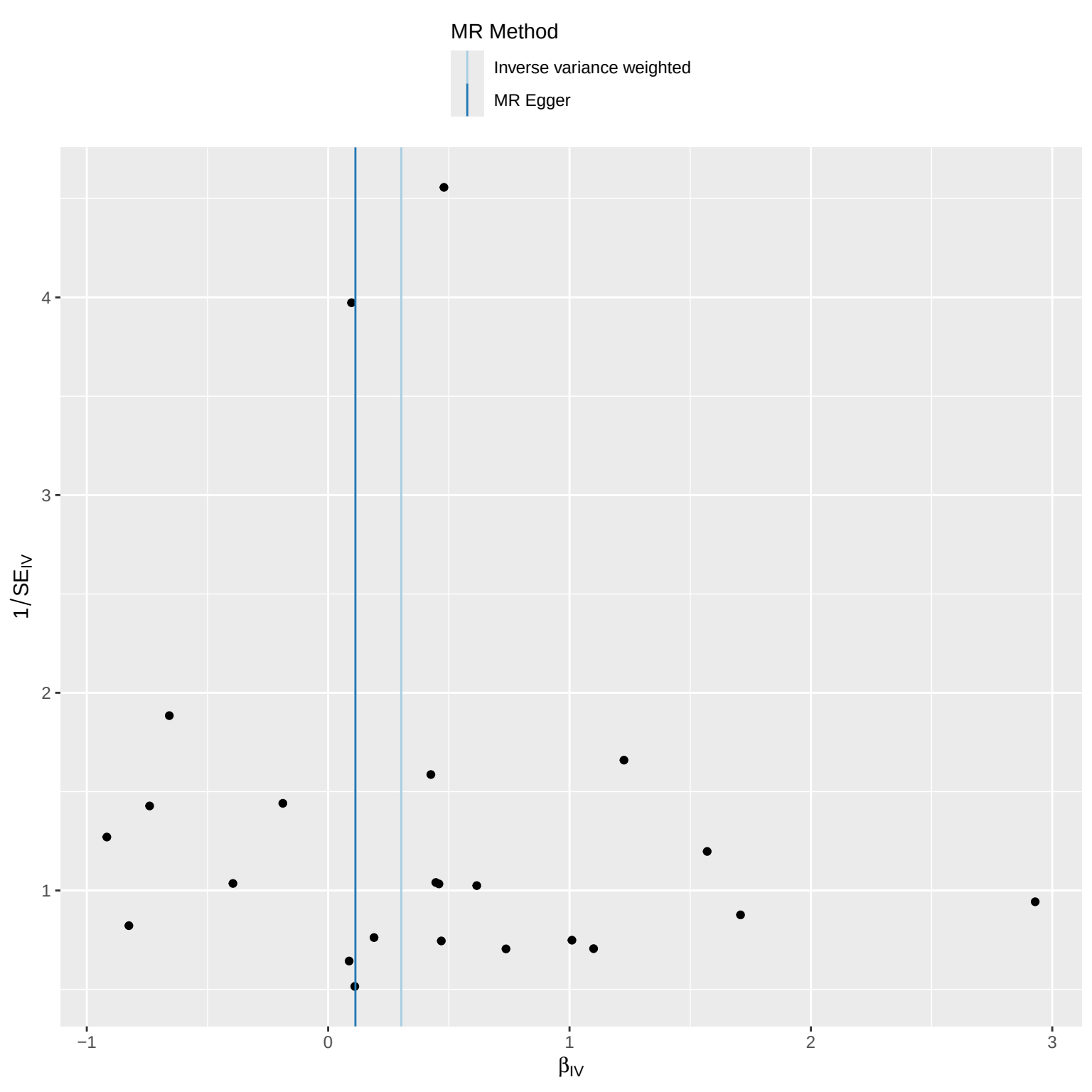

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

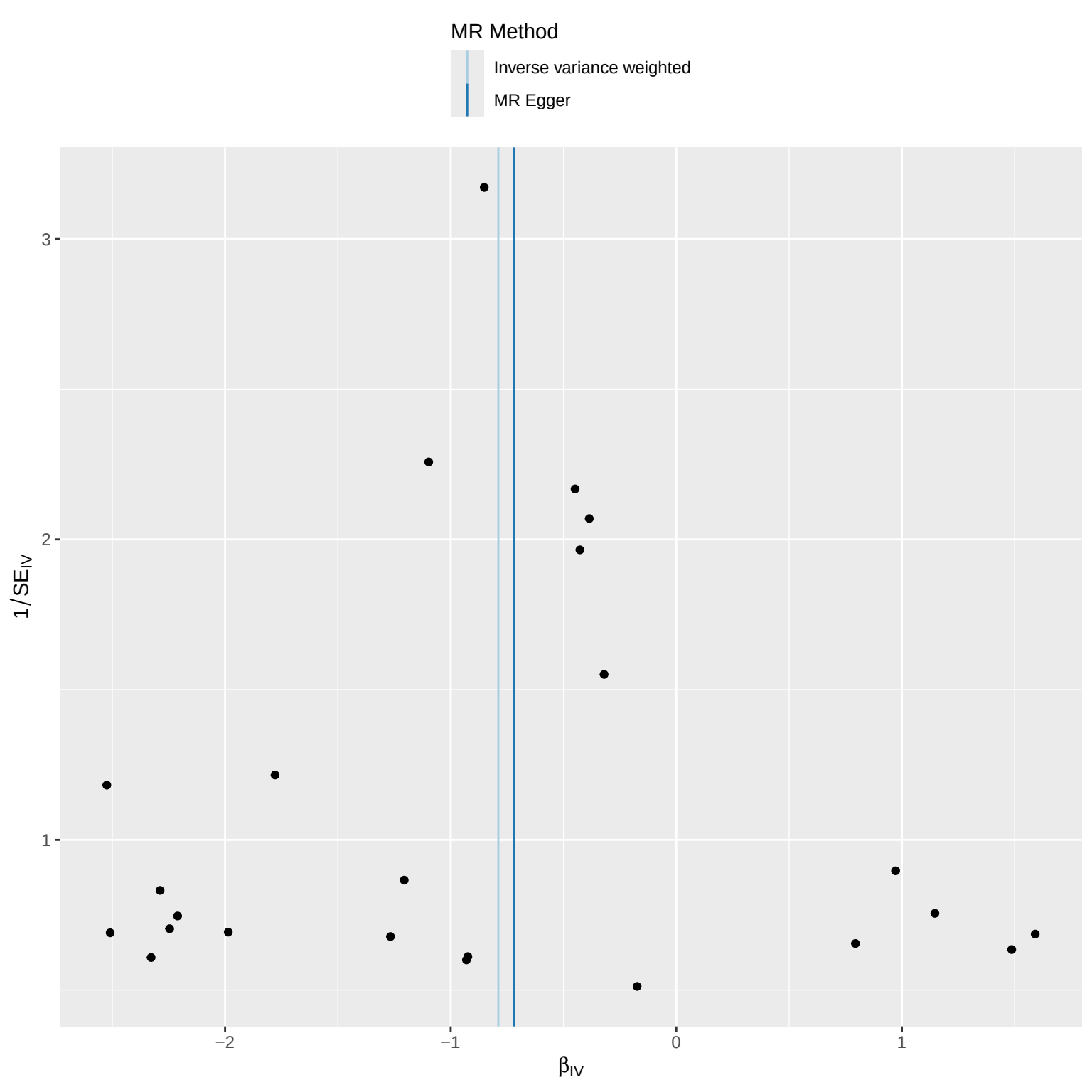

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

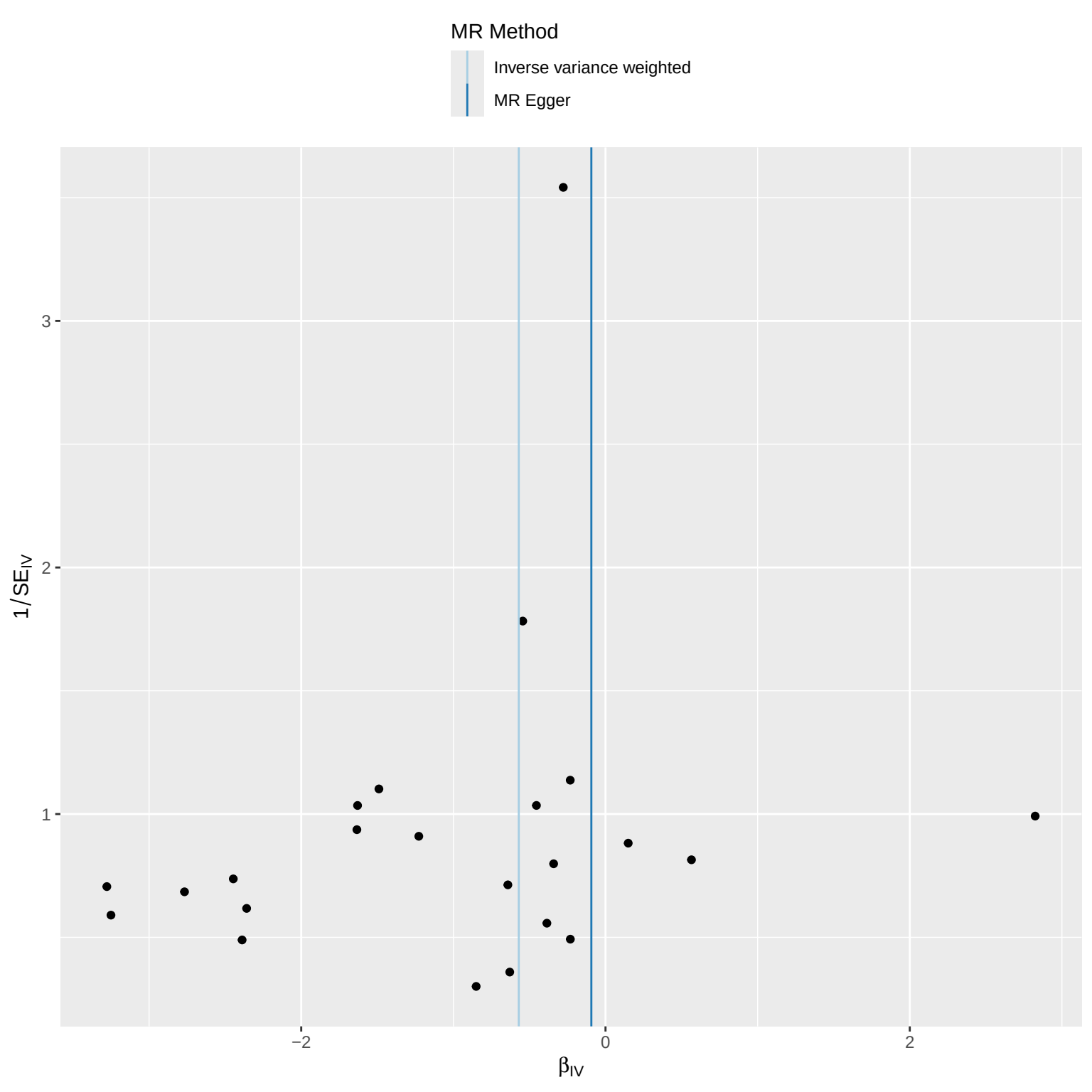

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

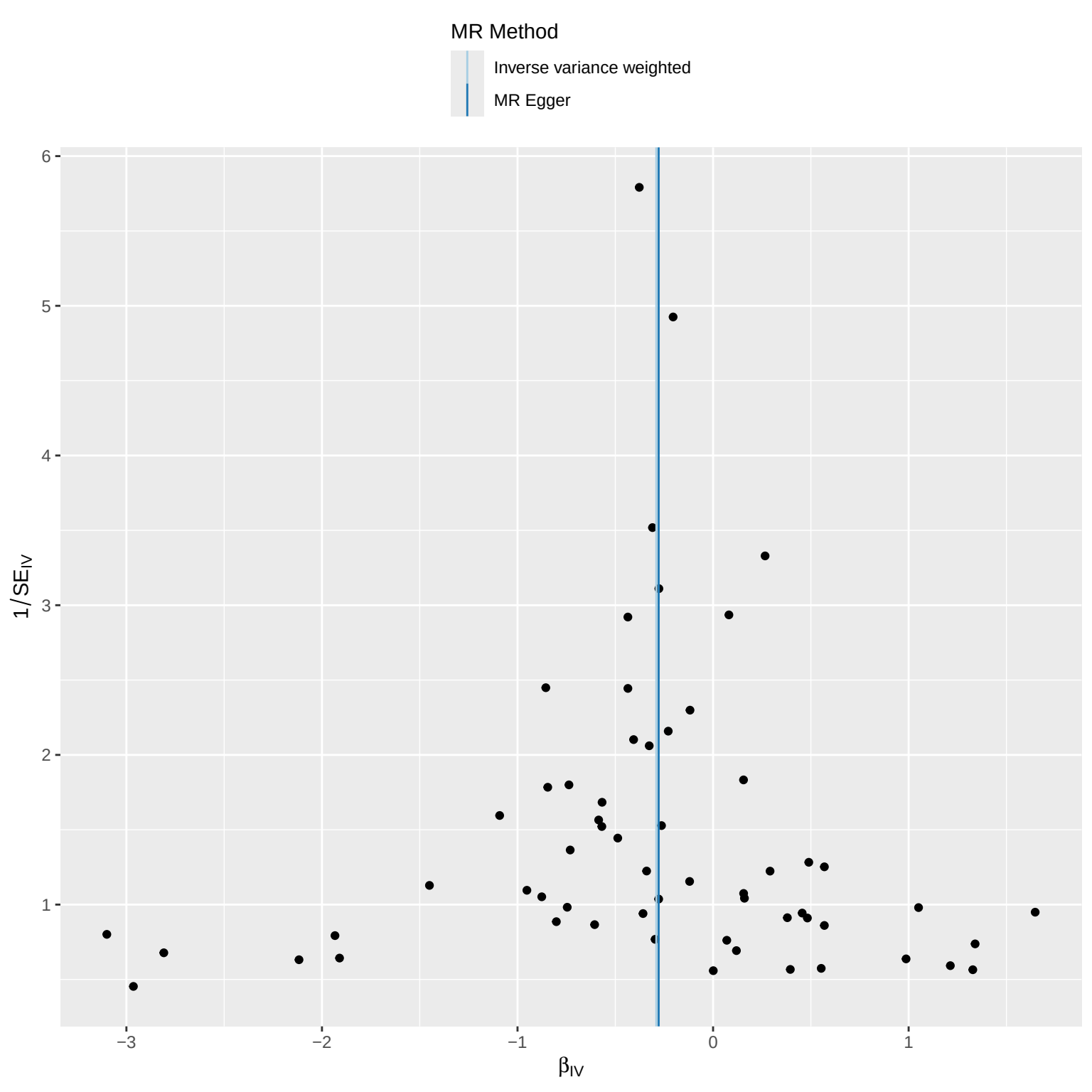

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

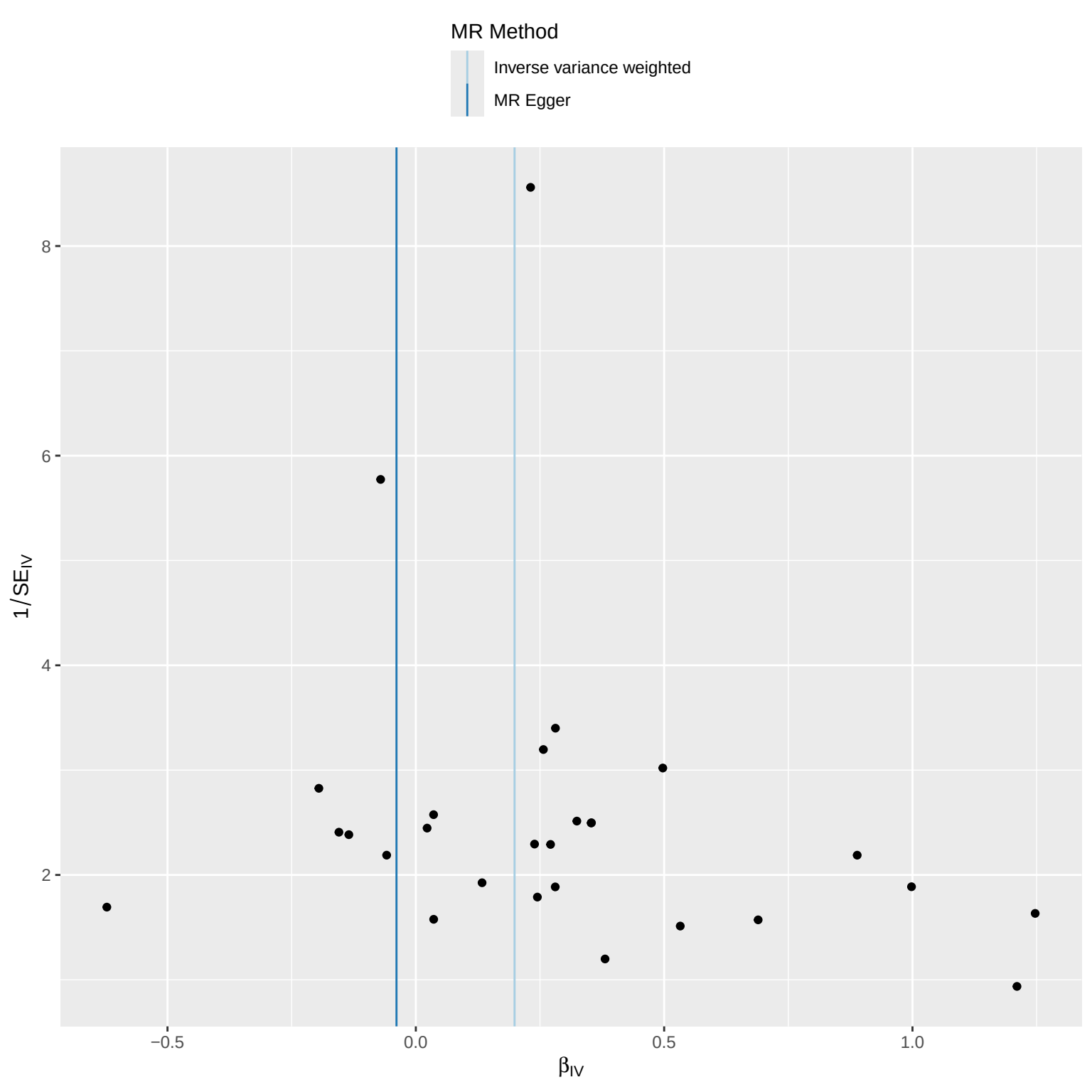

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

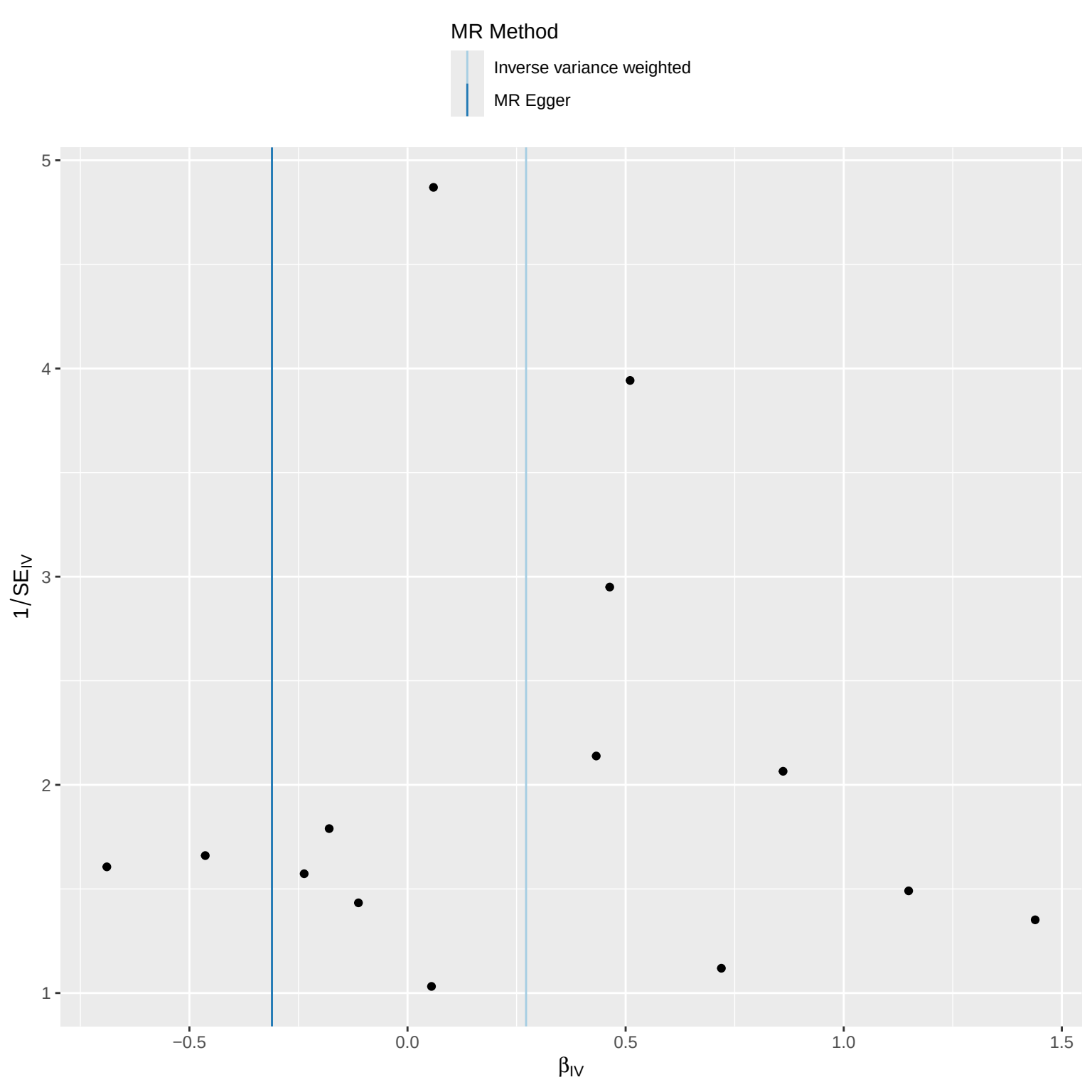

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

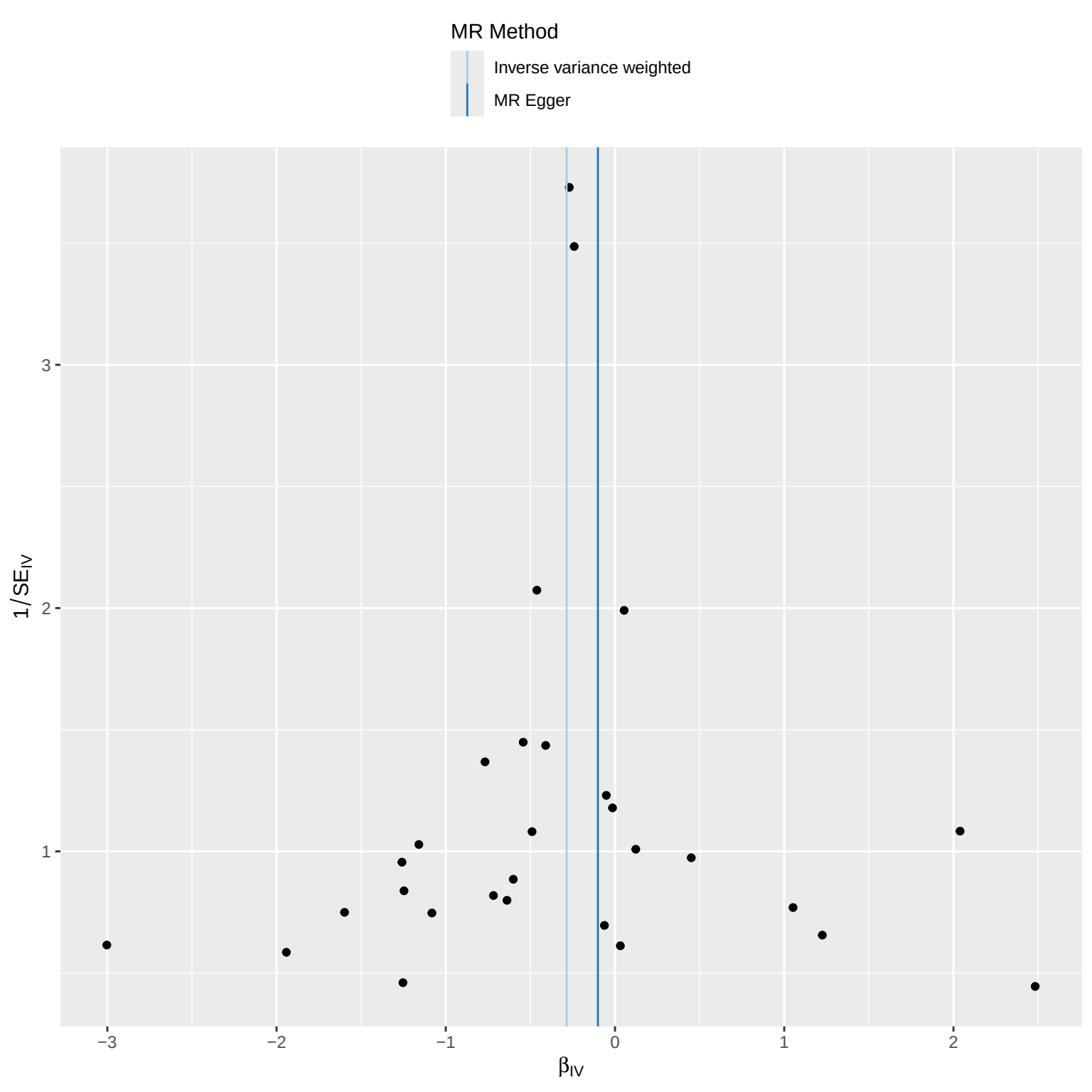

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

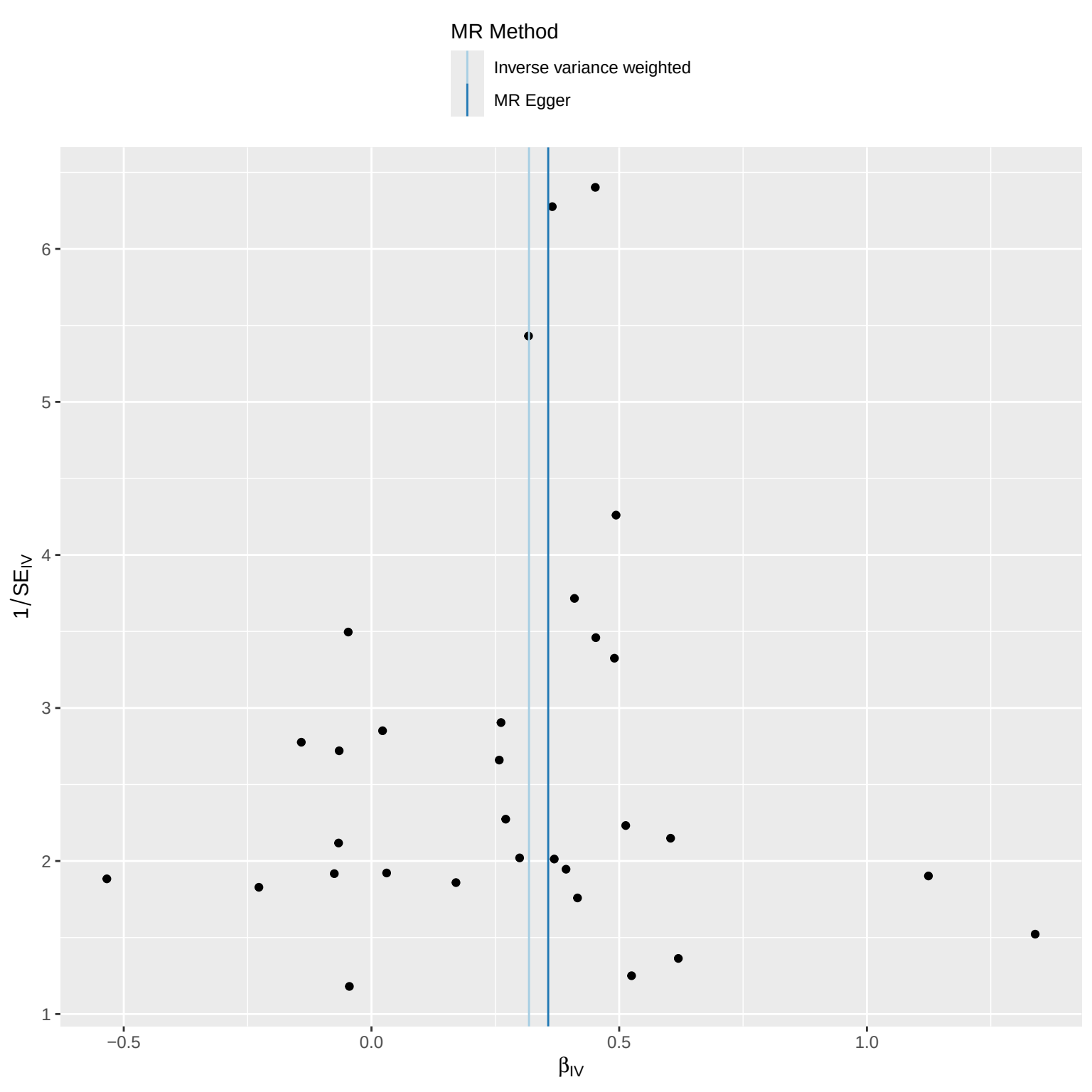

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

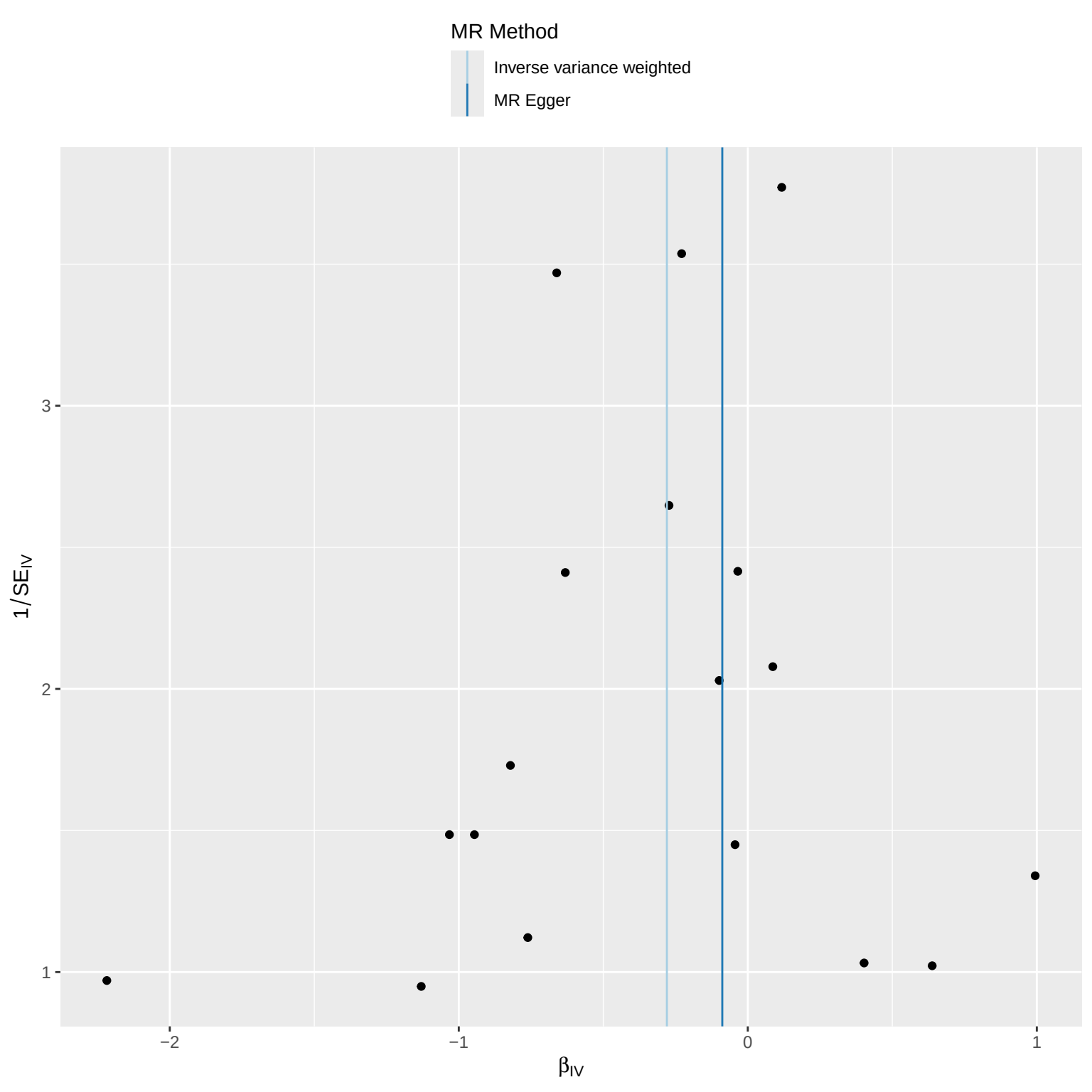

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

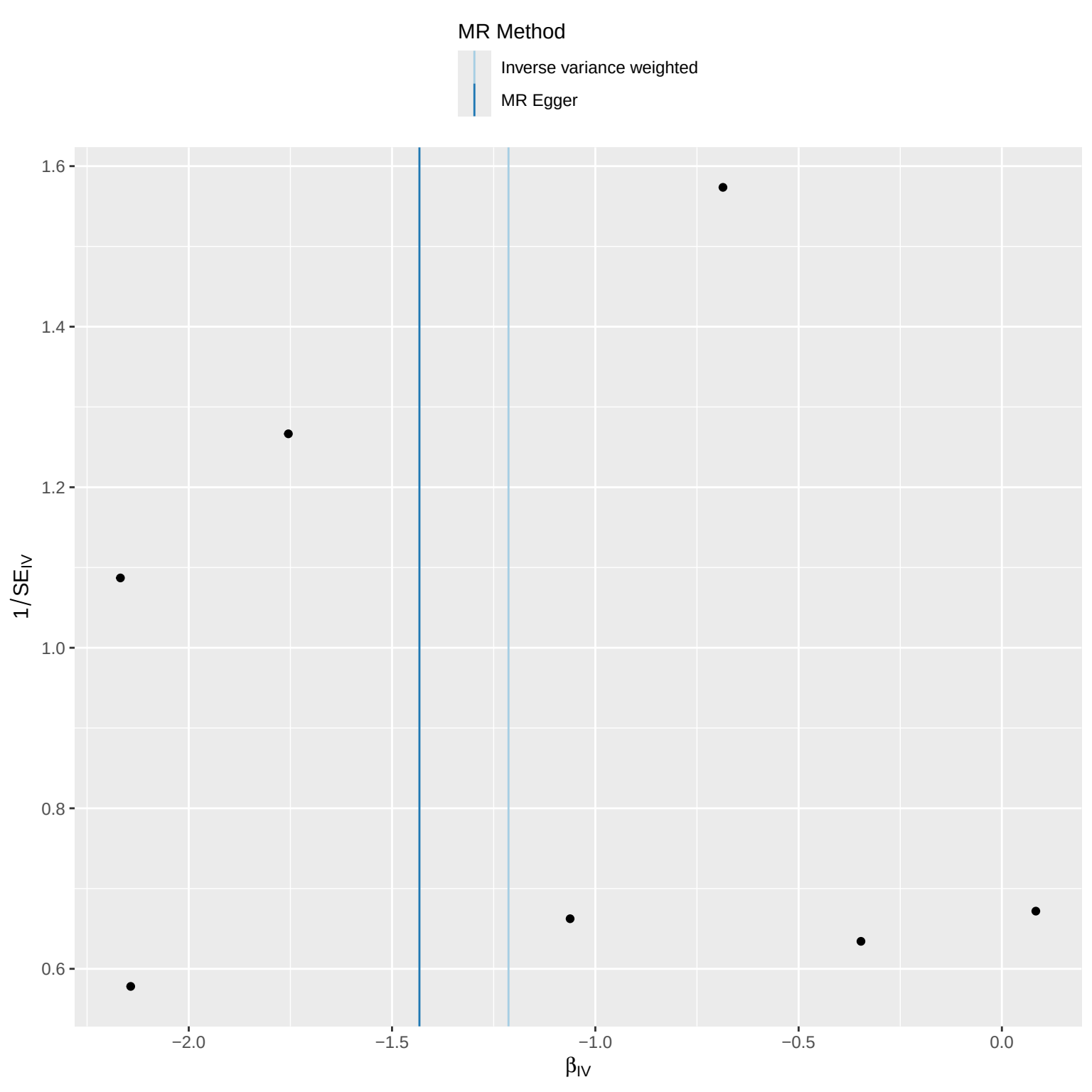

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

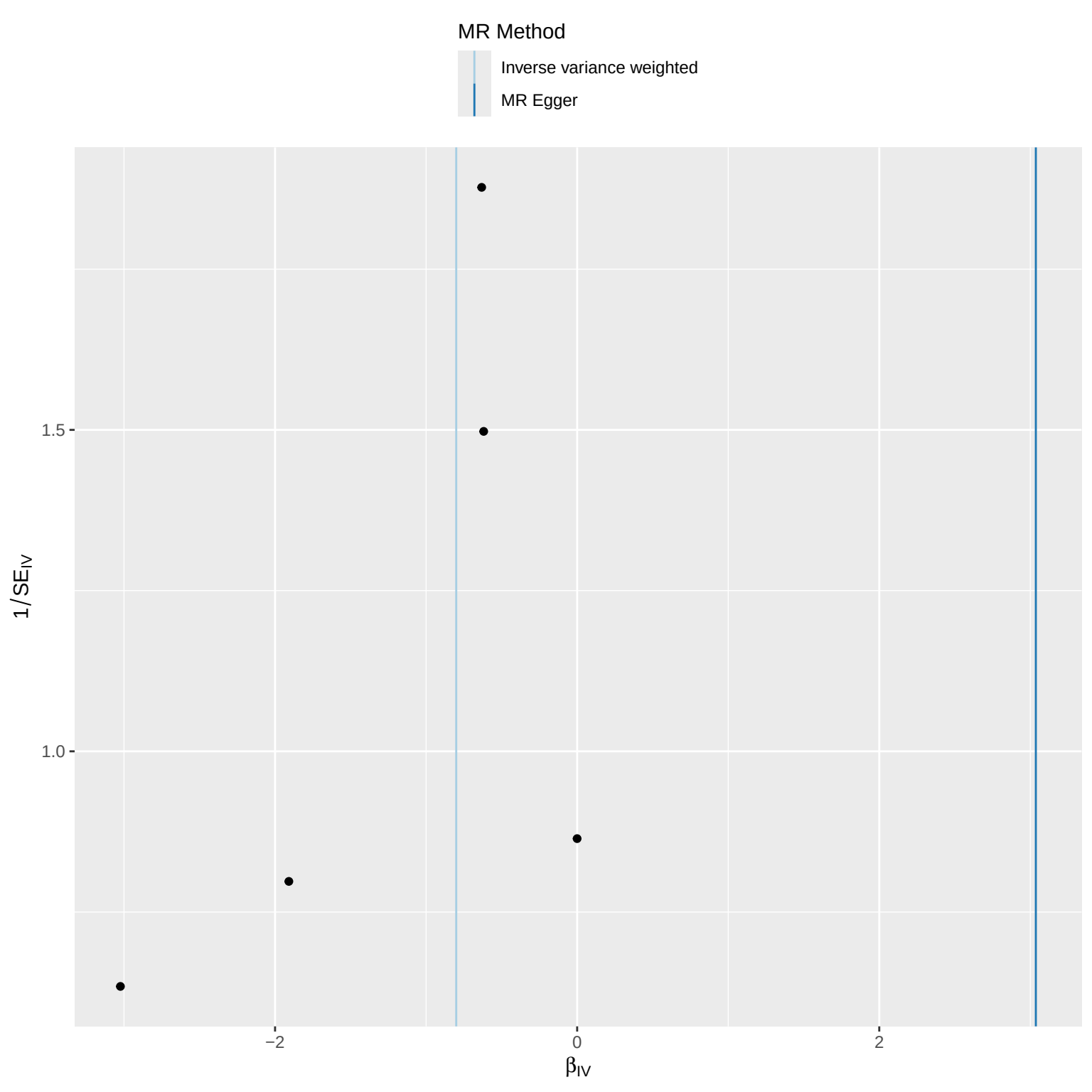

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

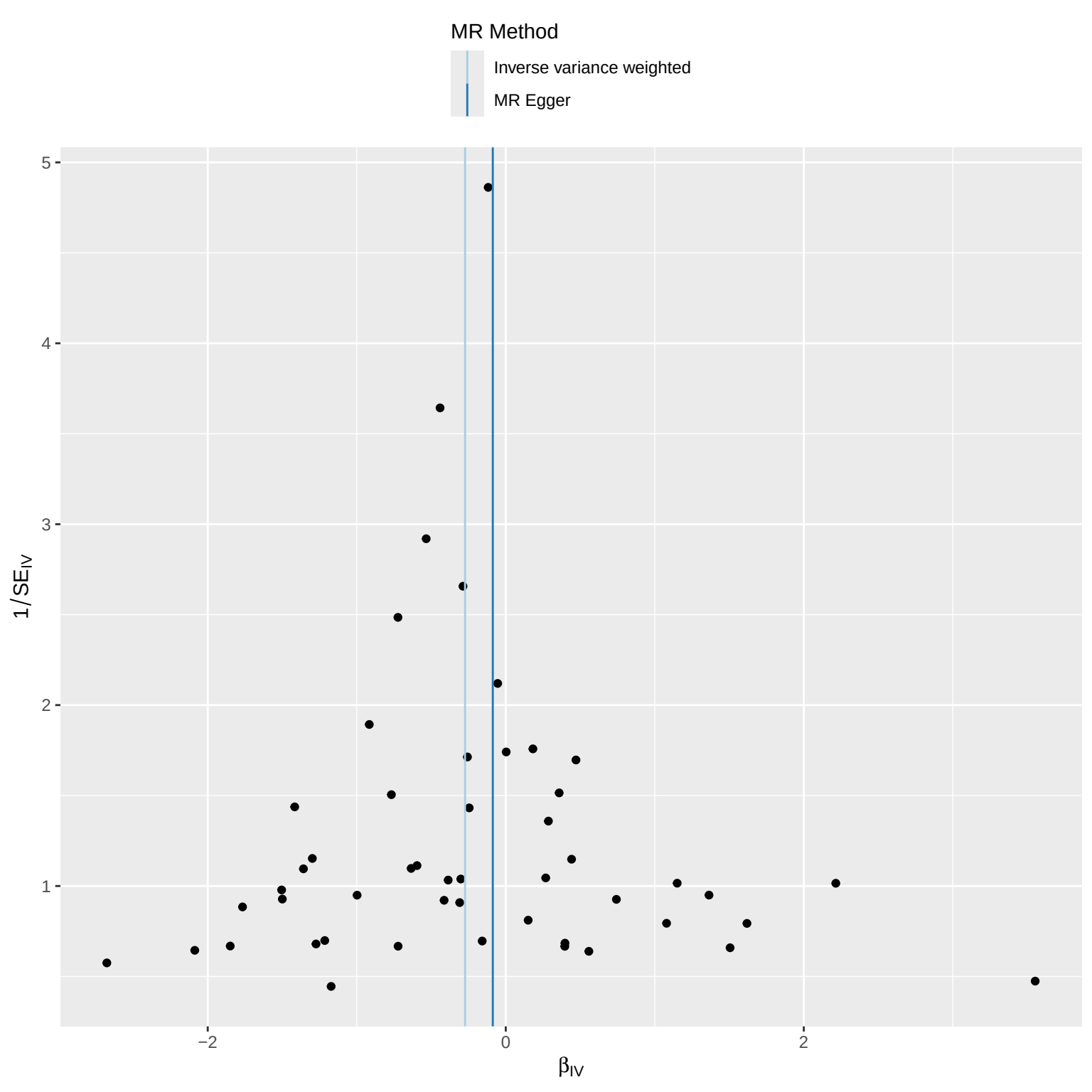

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−3
−2
−1
0
1
2
β_{IV}

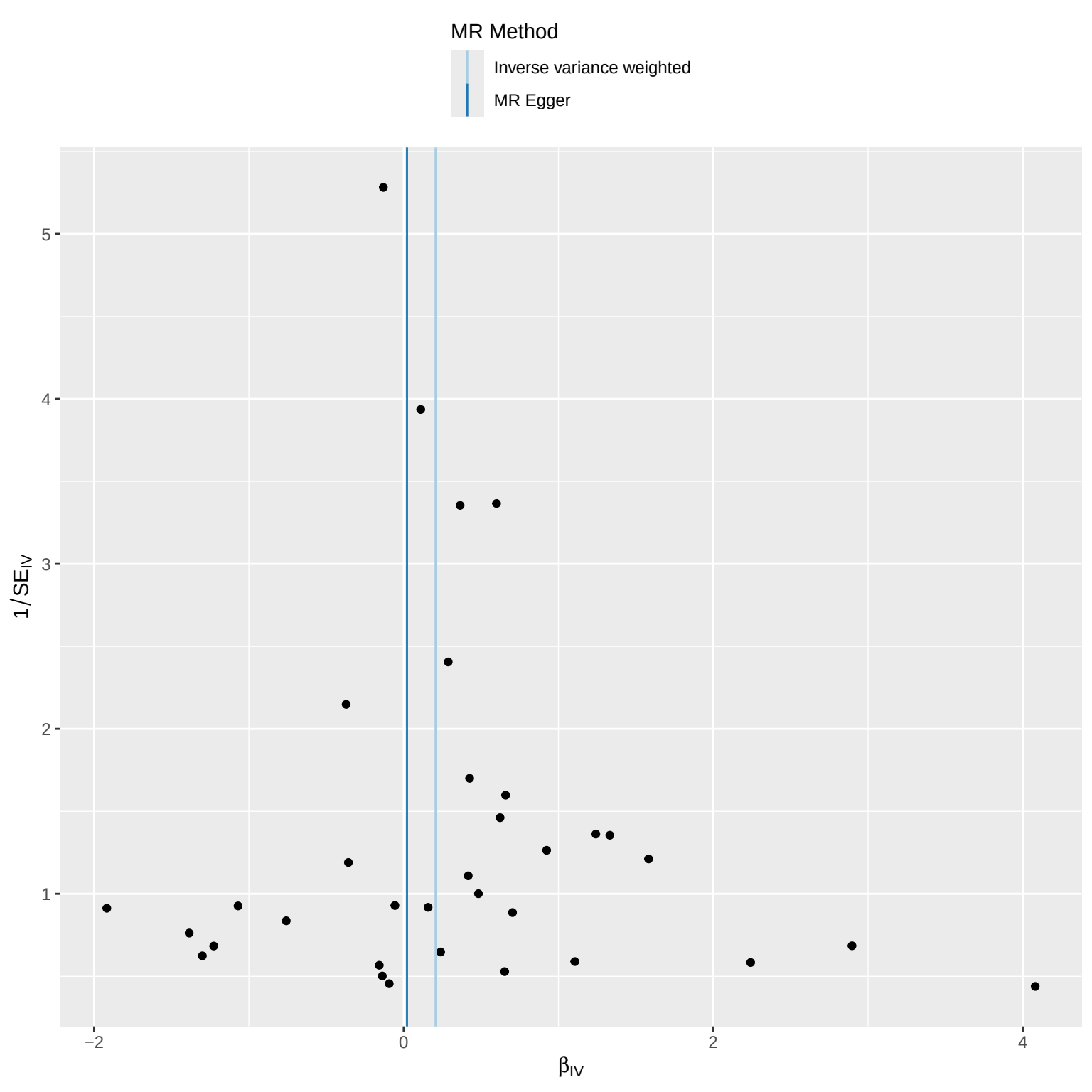

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

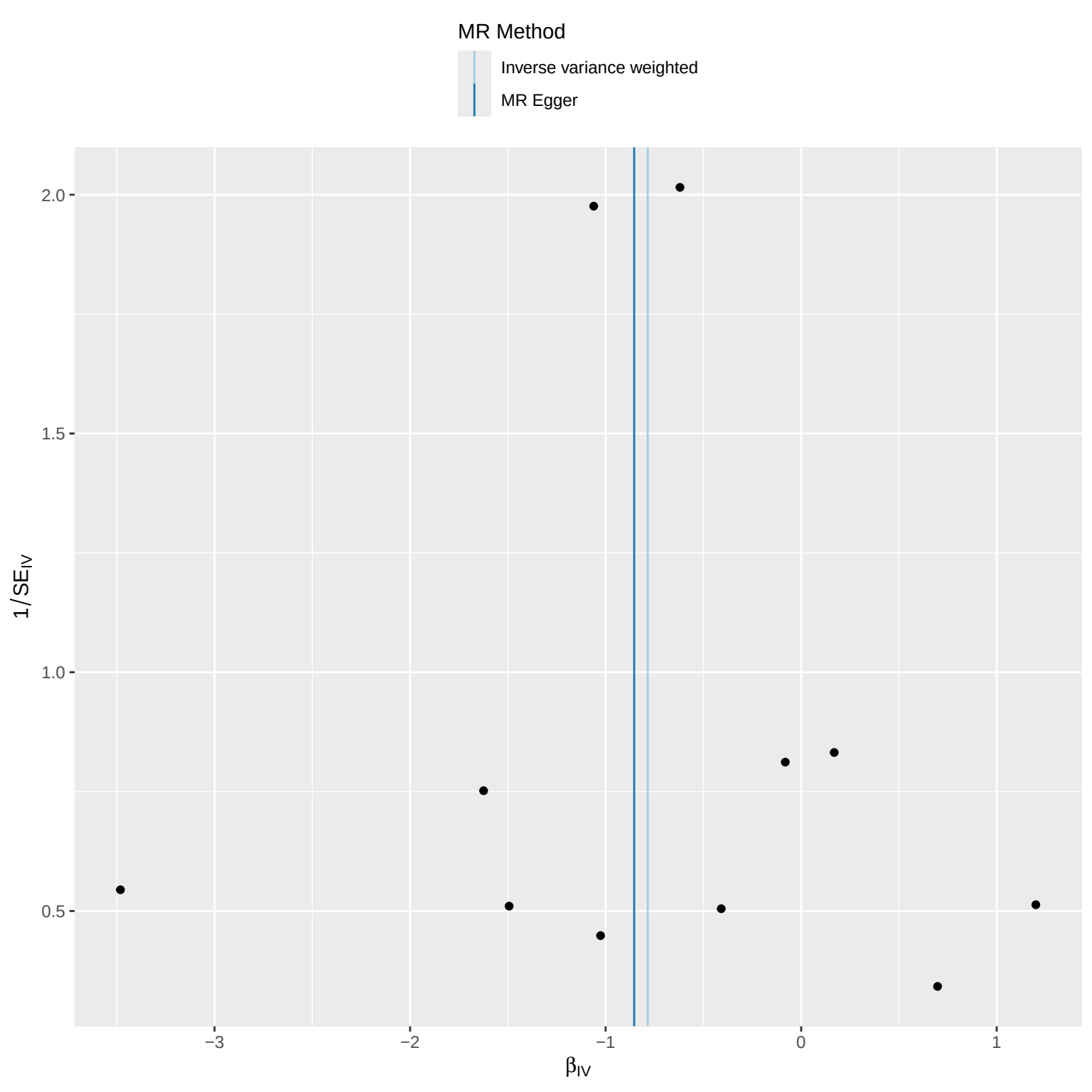

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

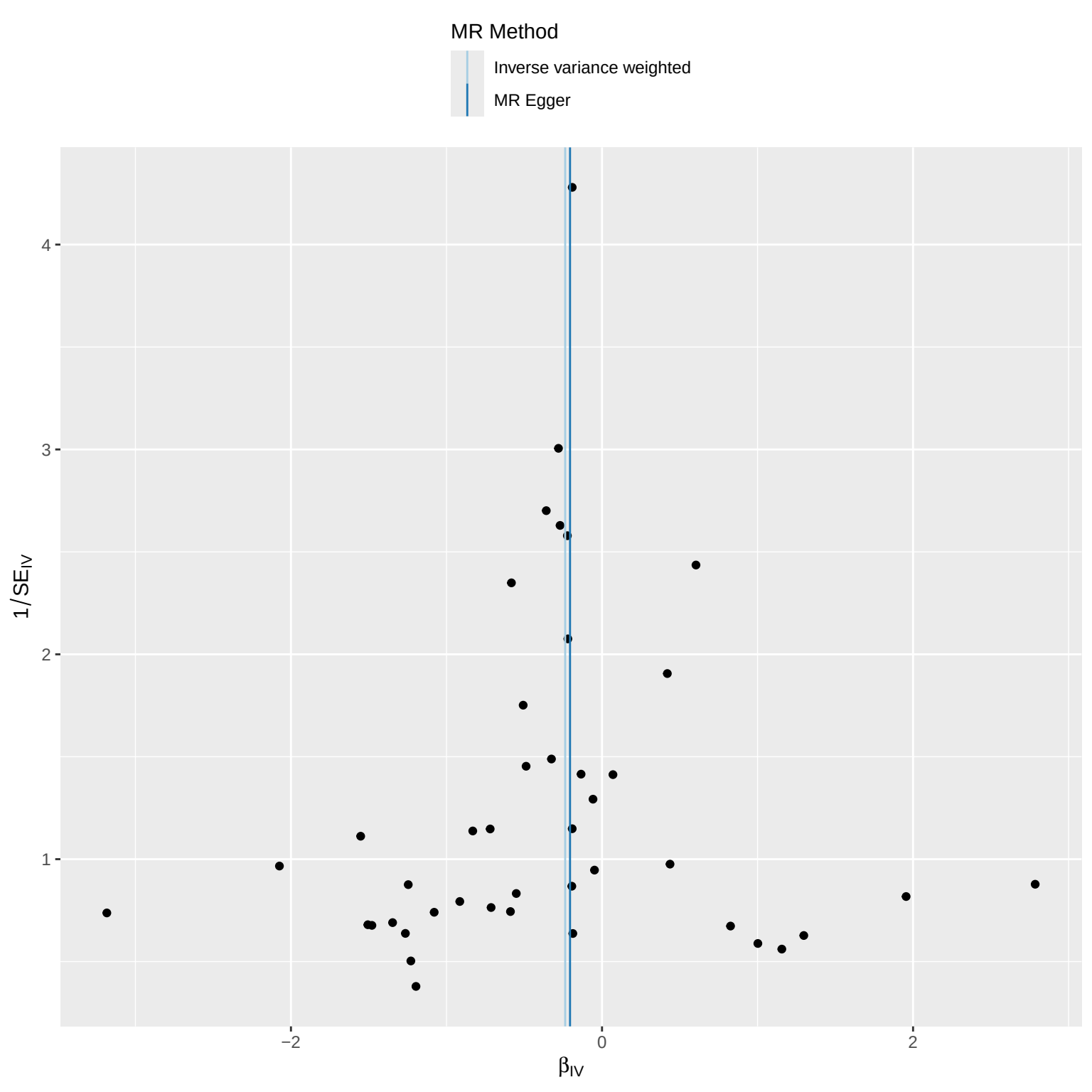

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

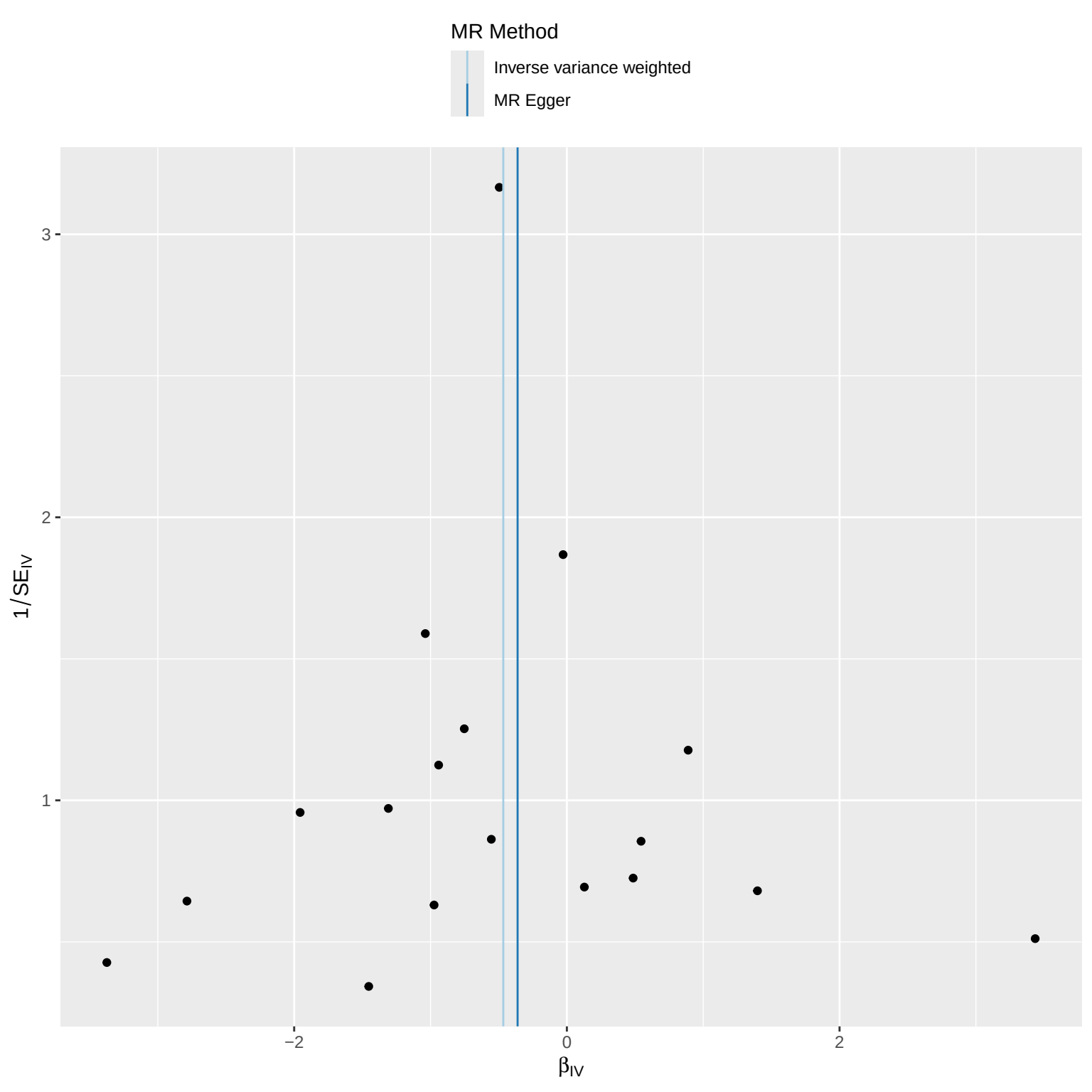

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−2
0
2
β_IV

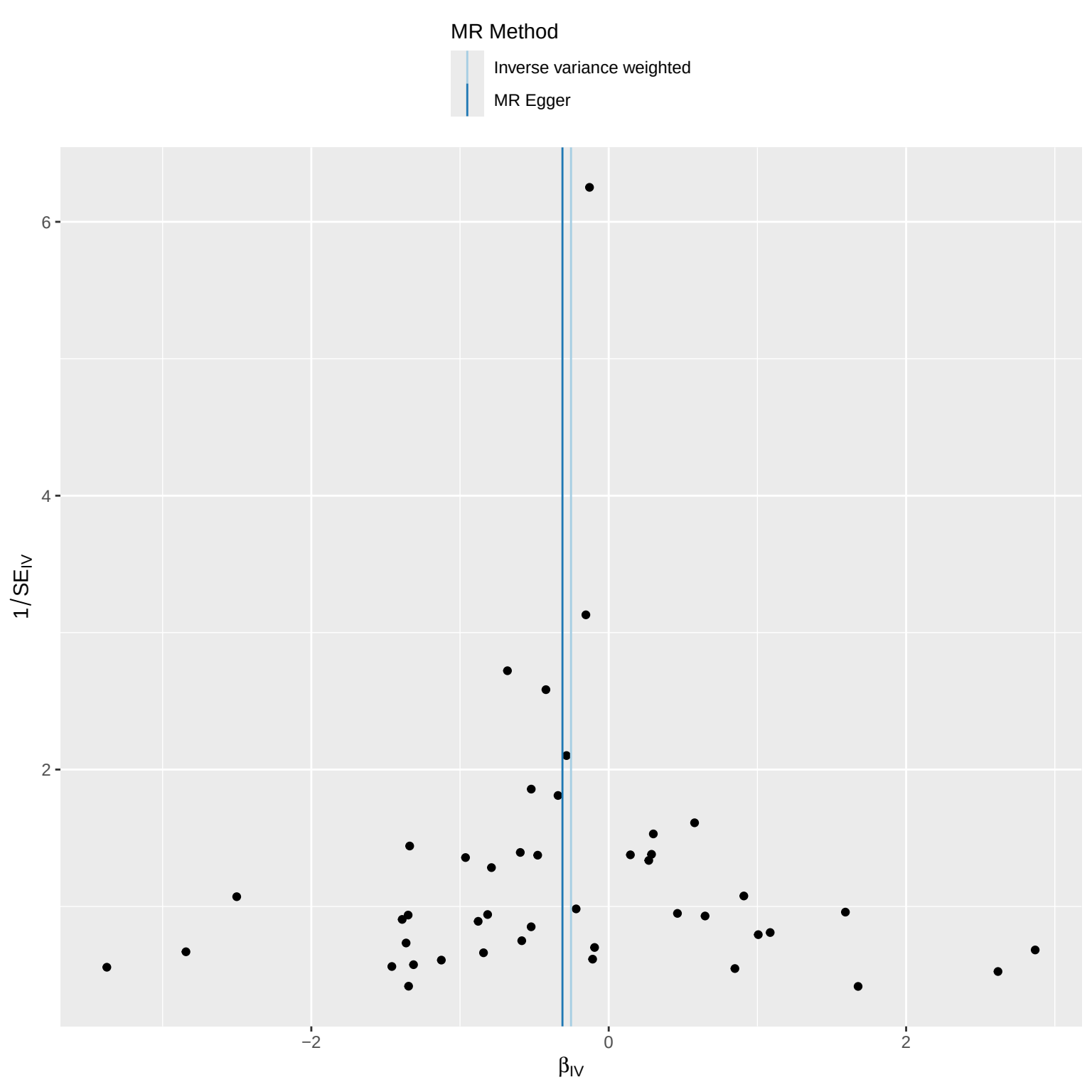

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

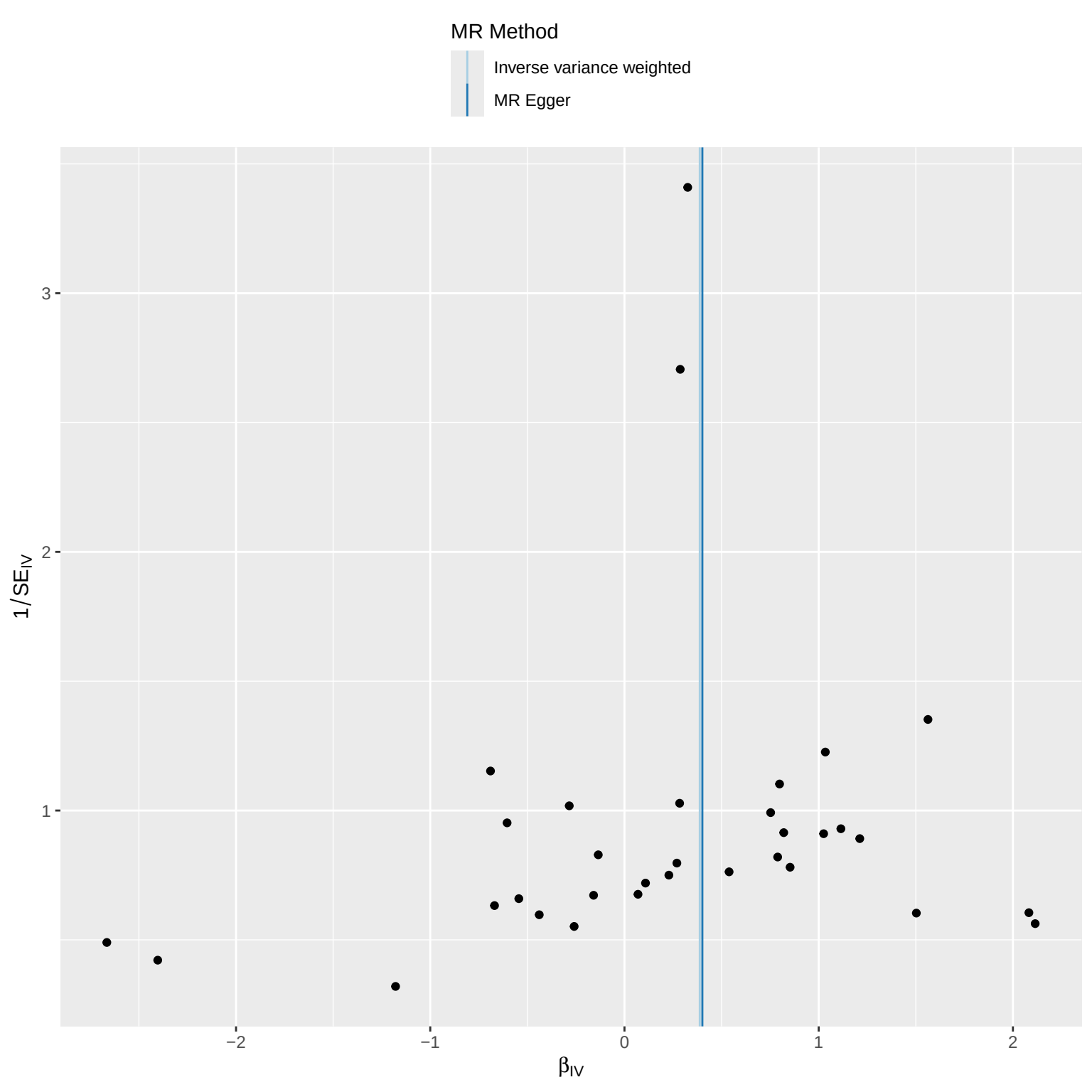

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

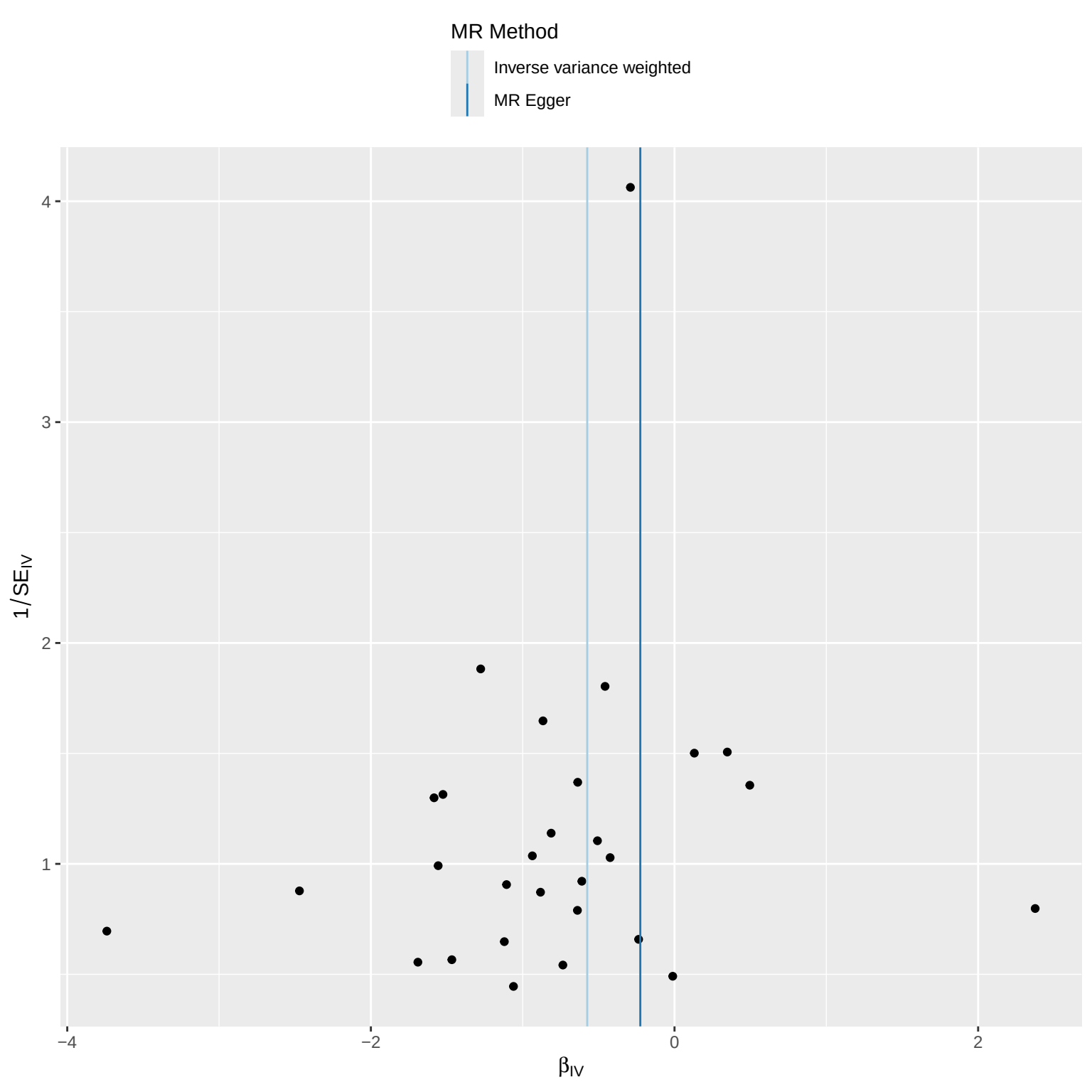

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

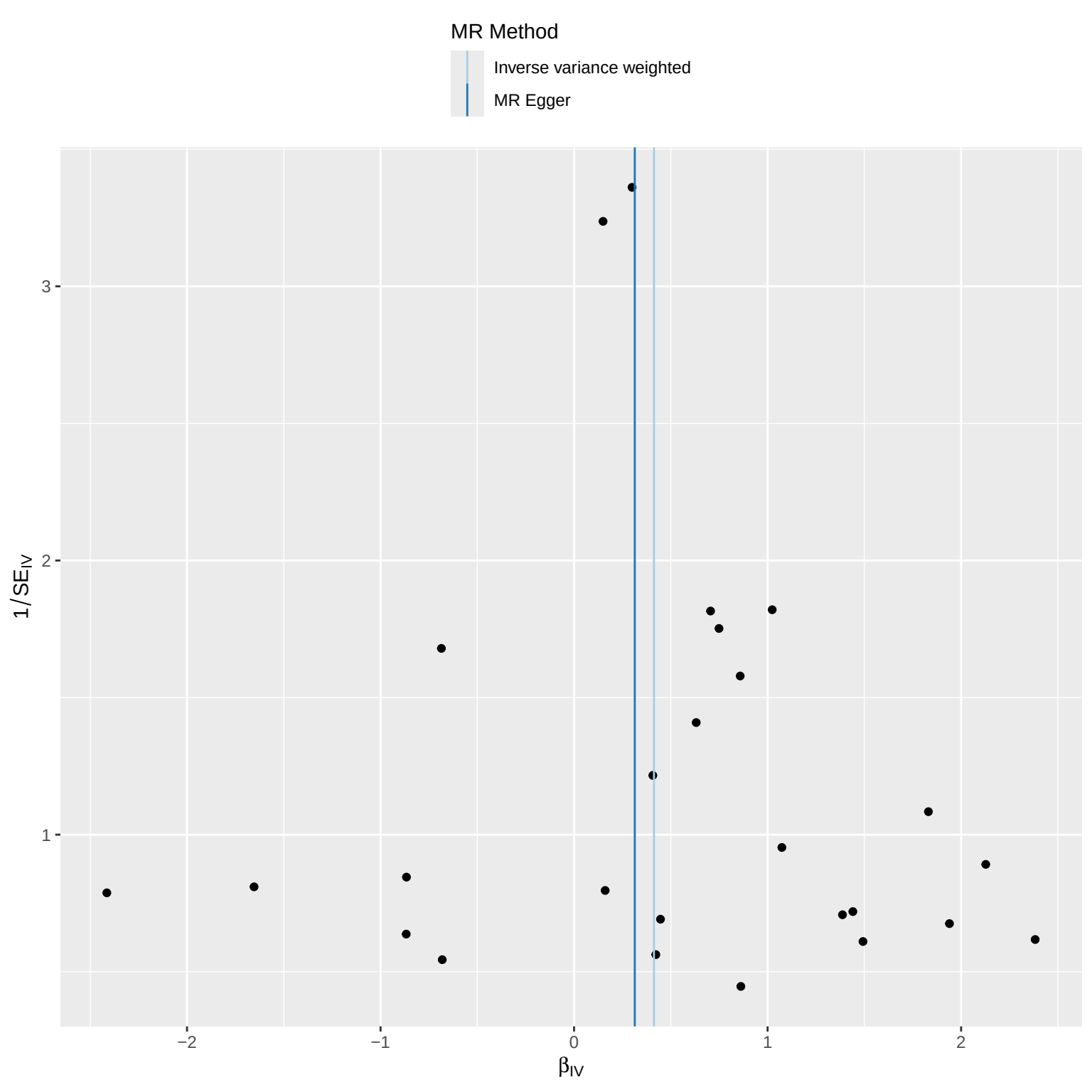

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

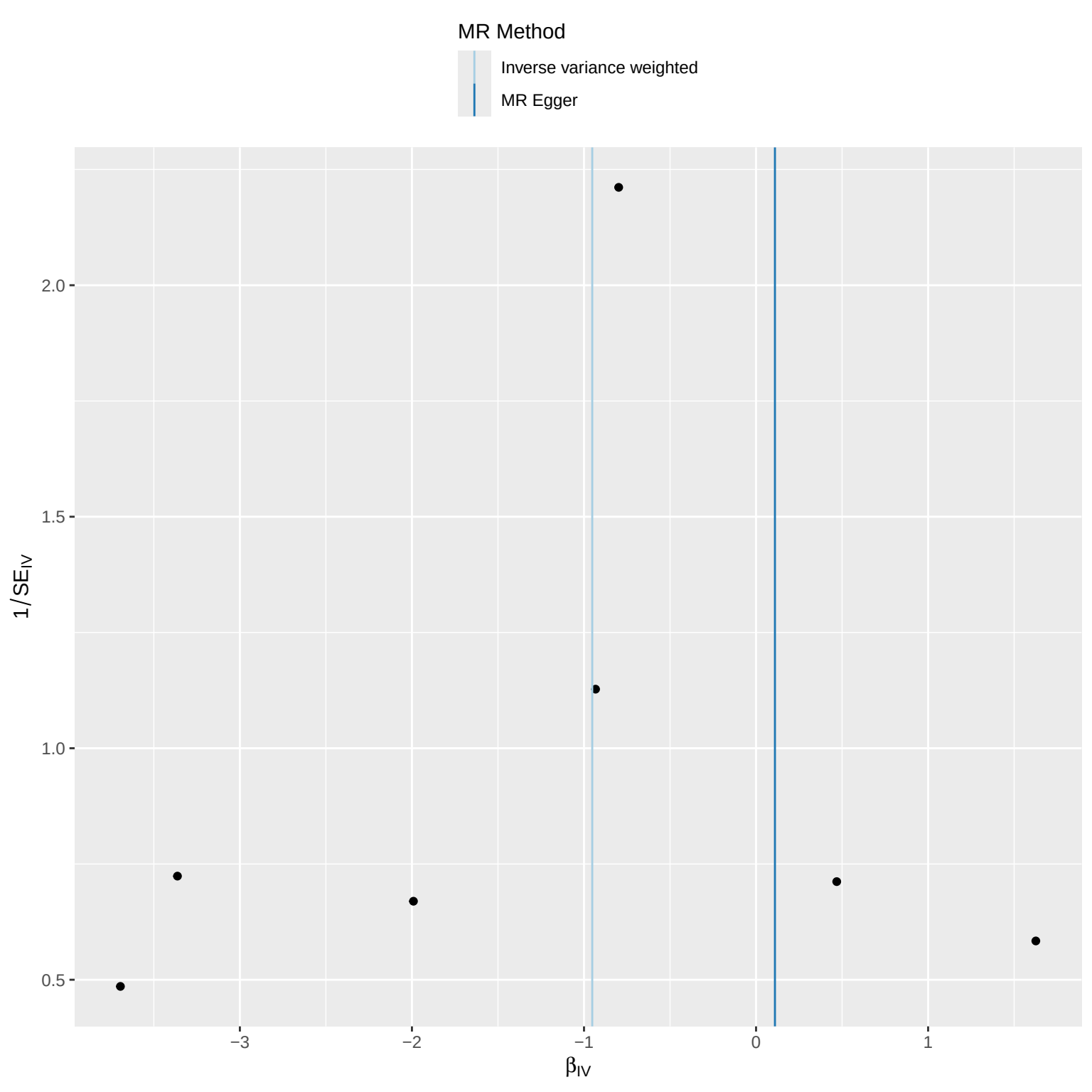

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

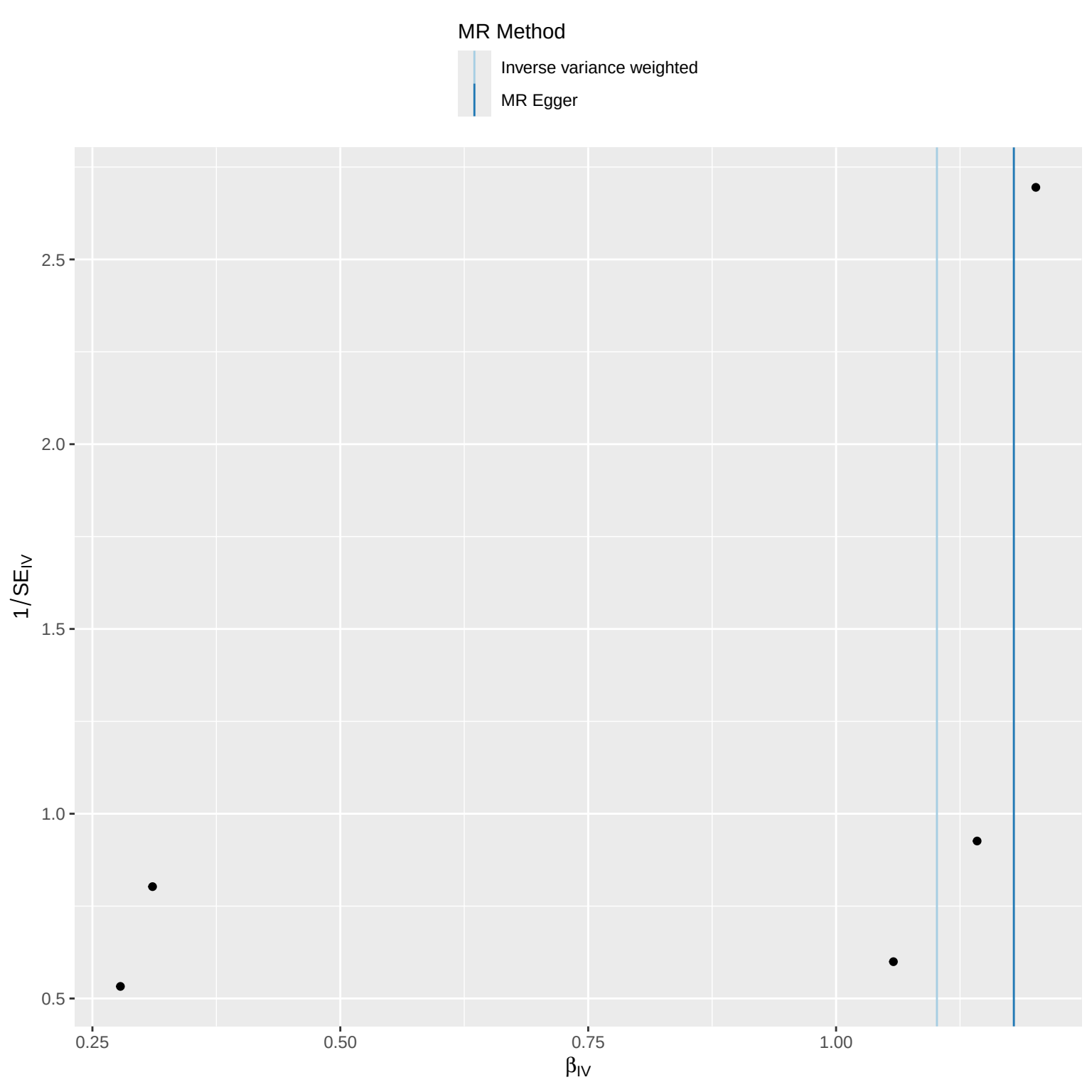

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

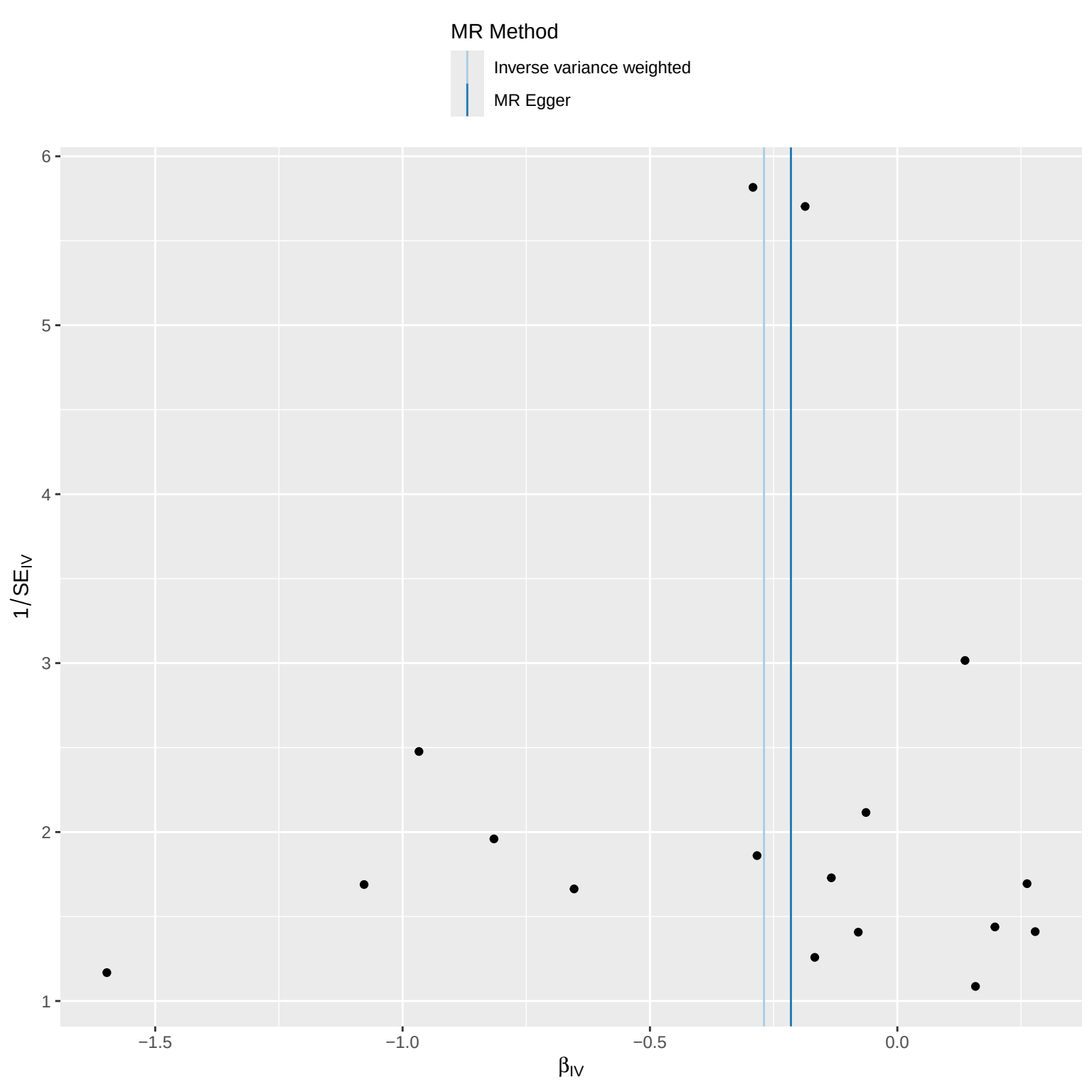

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

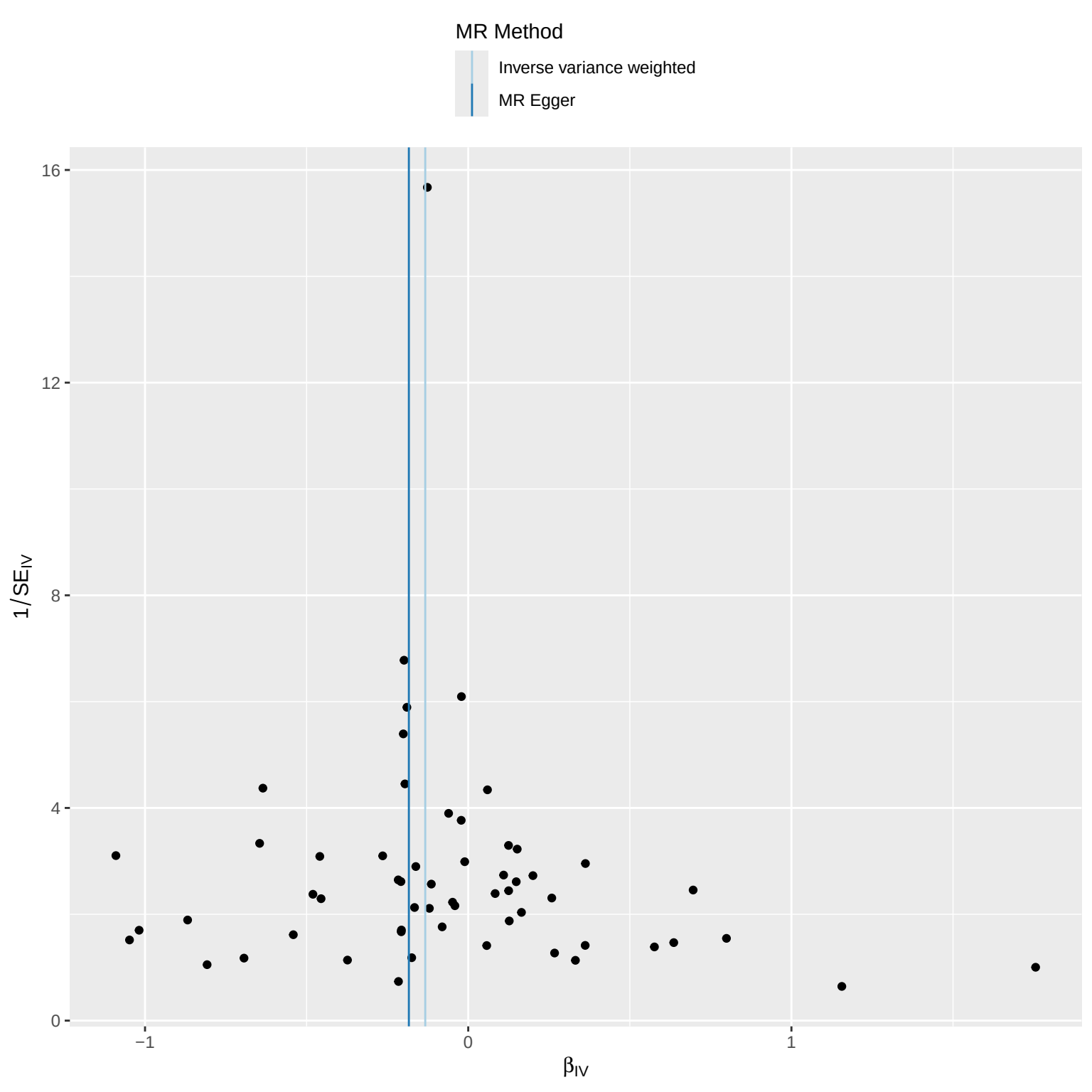

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

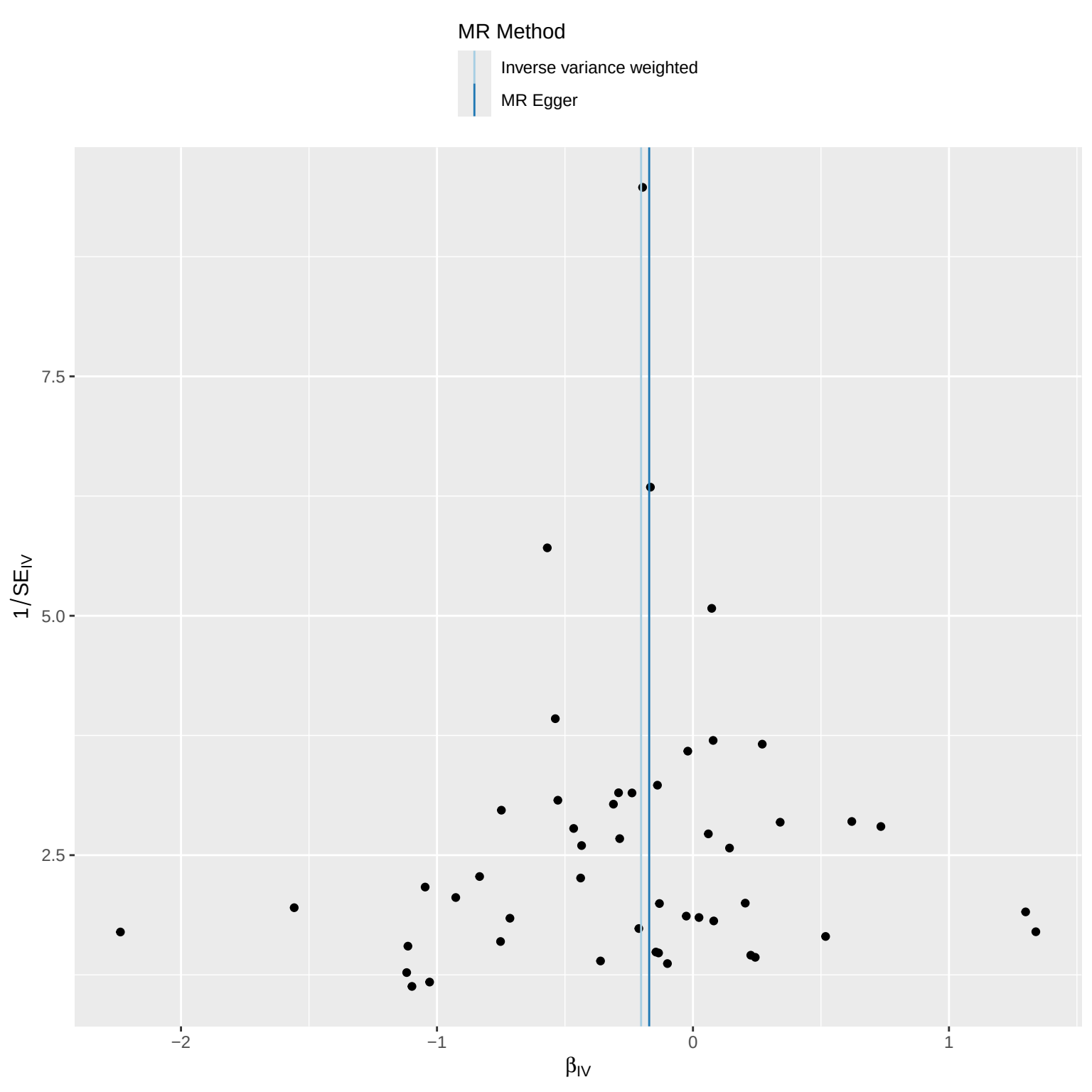

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

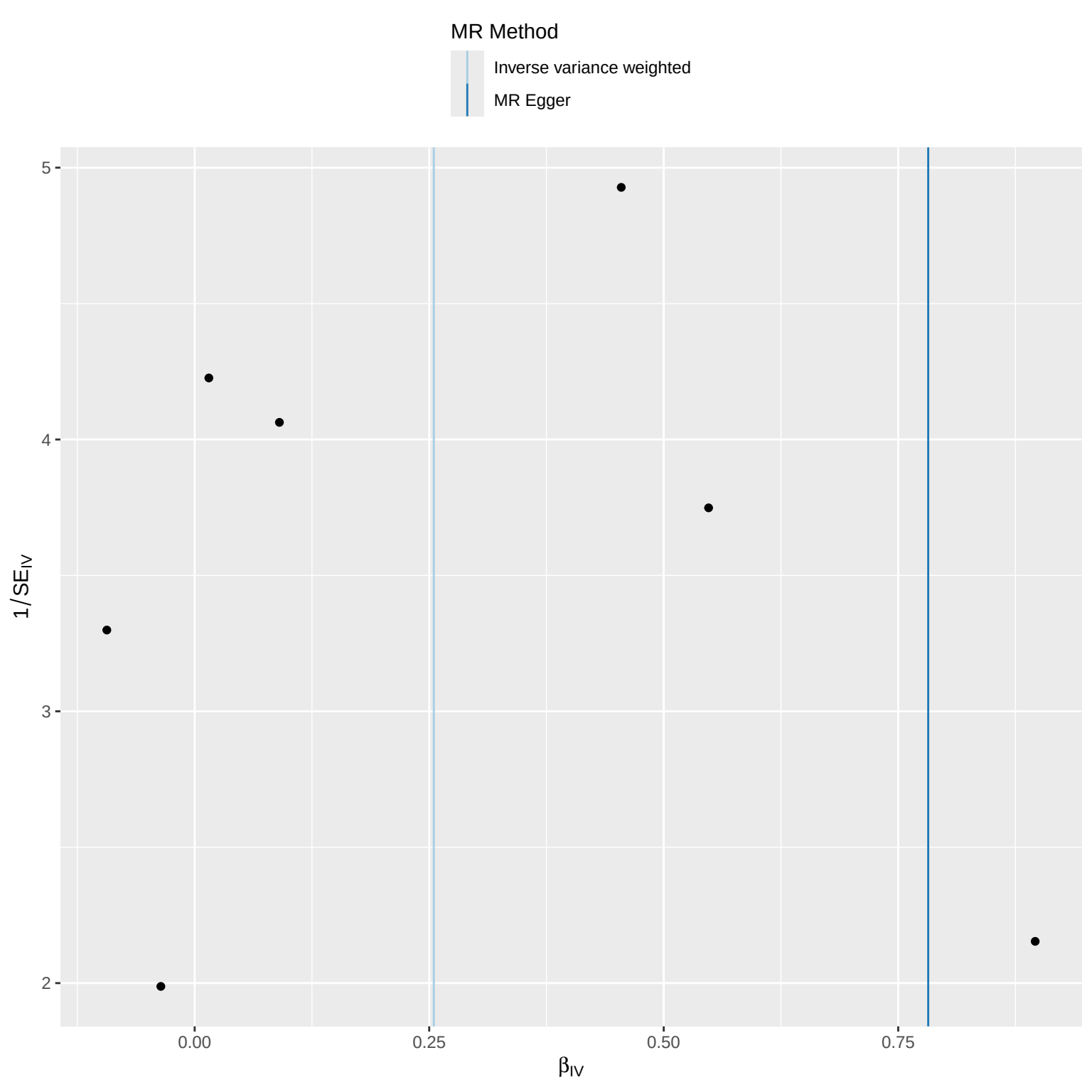

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

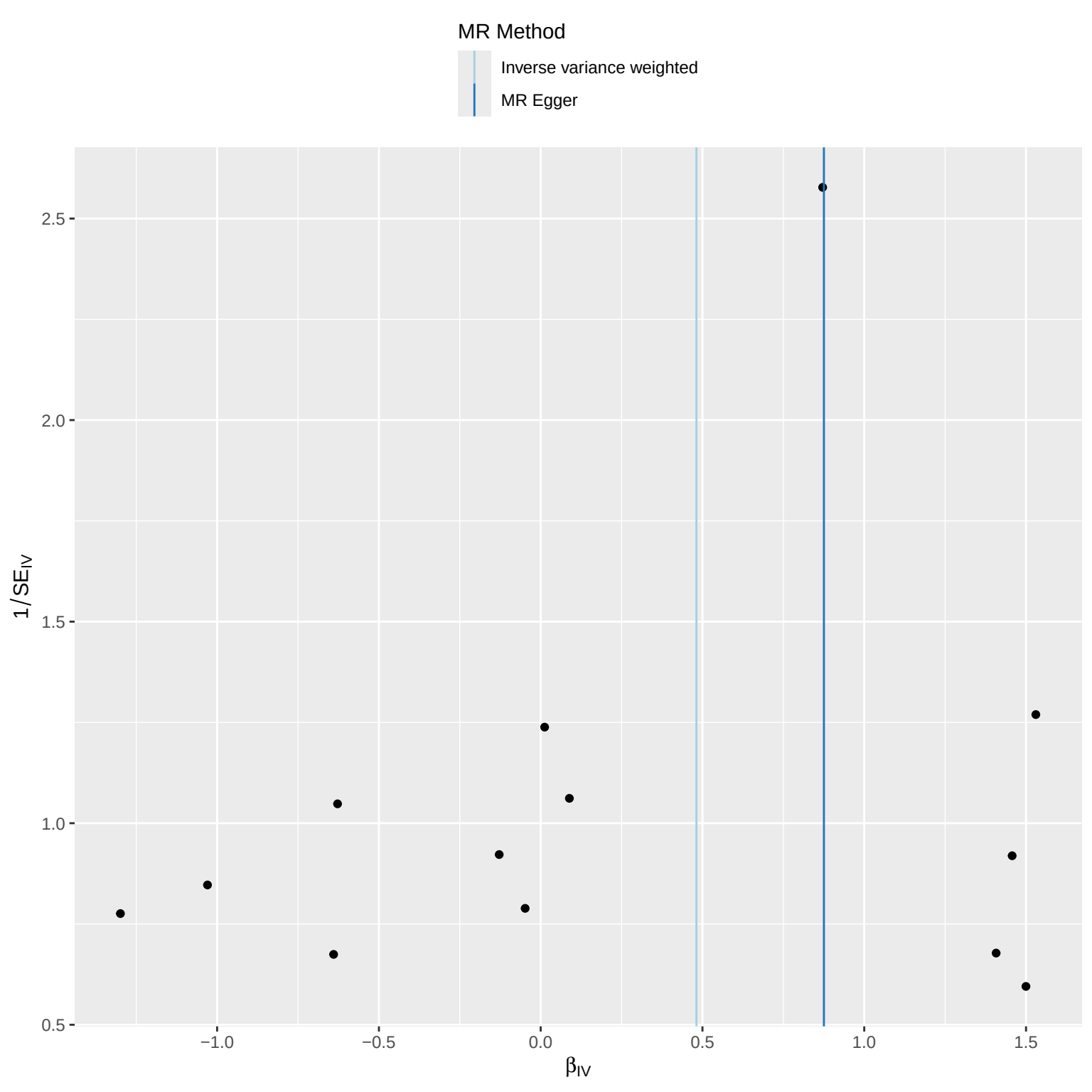

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0.25
0.50
0.75
1.00
β_IV

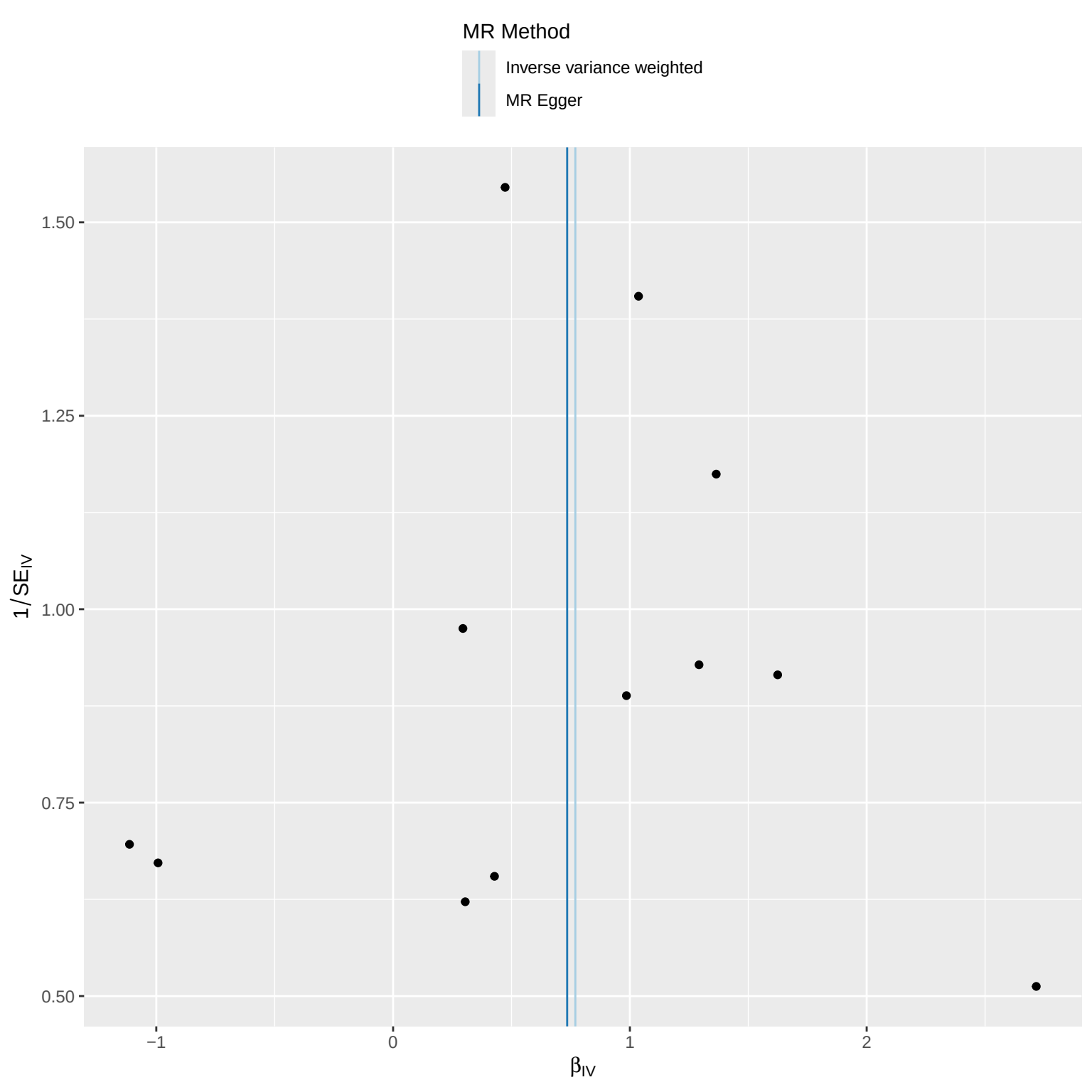

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

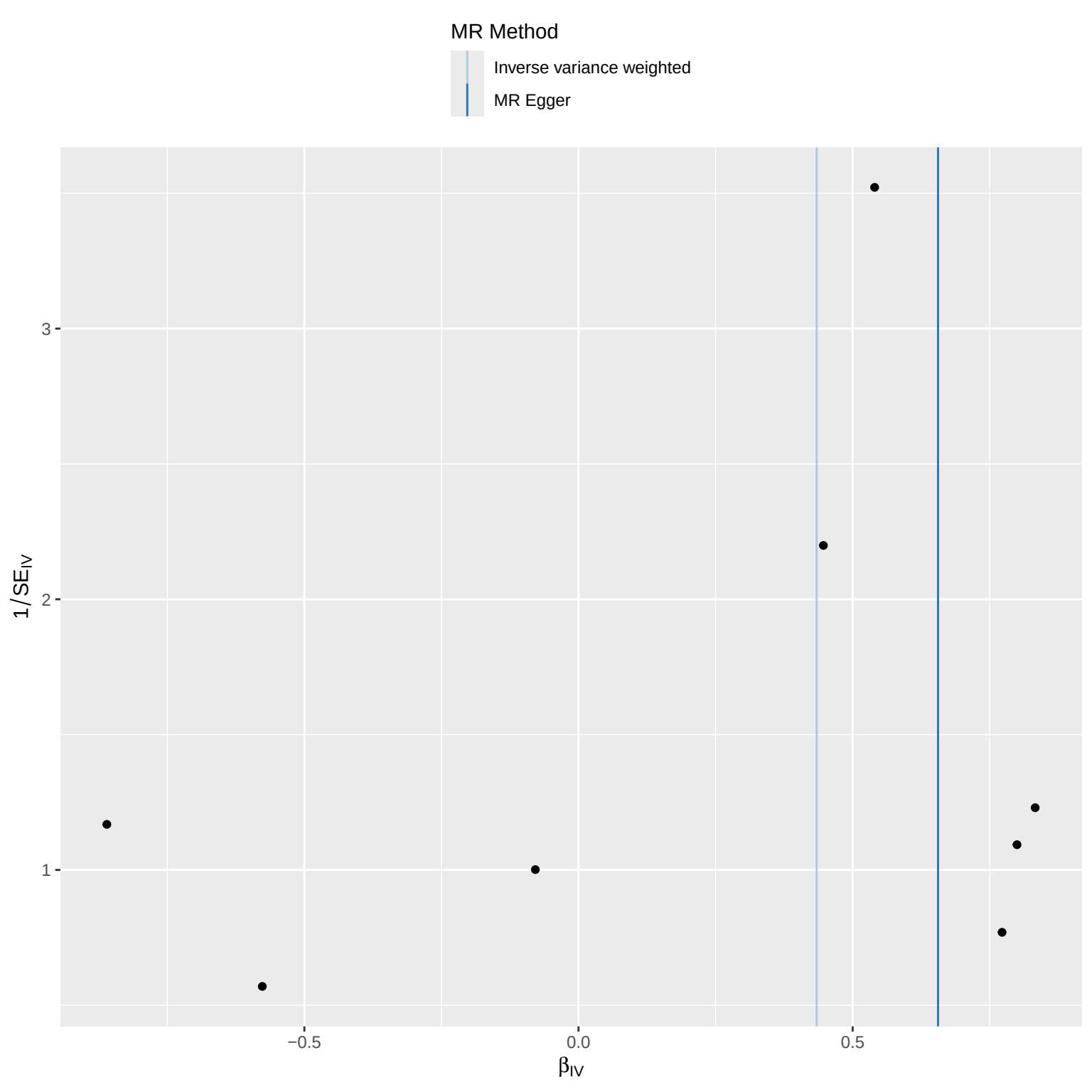

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
0
1/SE_IV
−1
0
1
β_IV

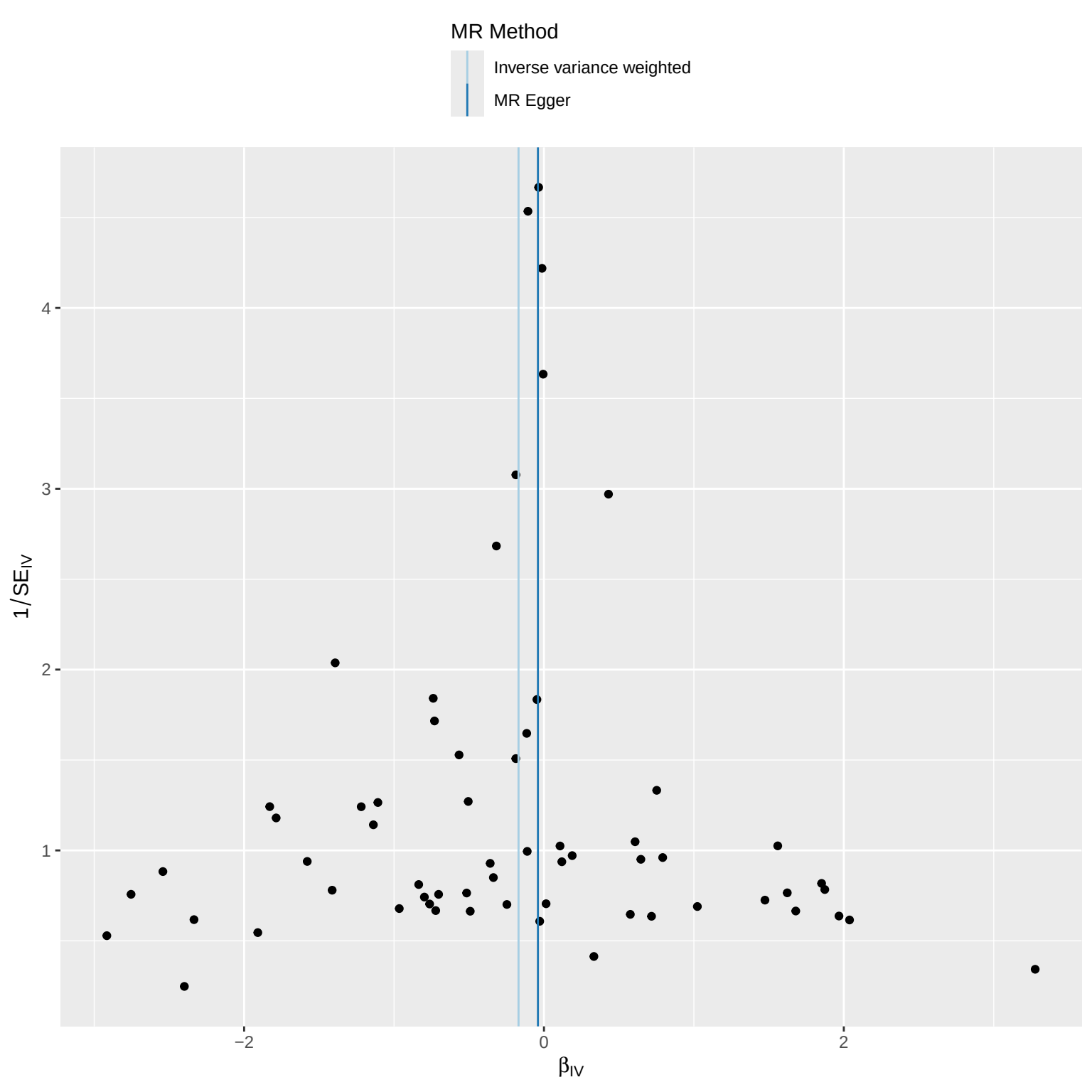

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

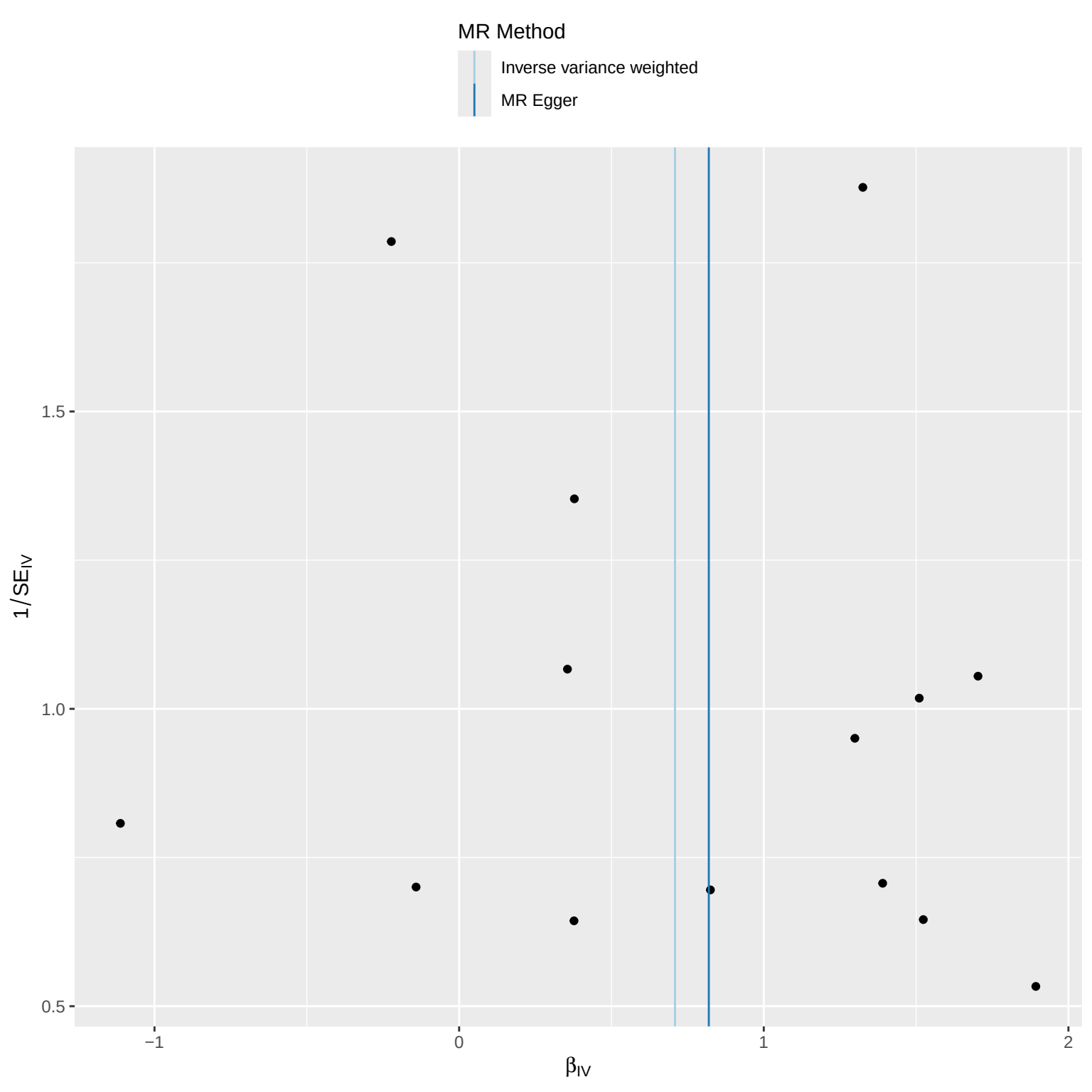

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

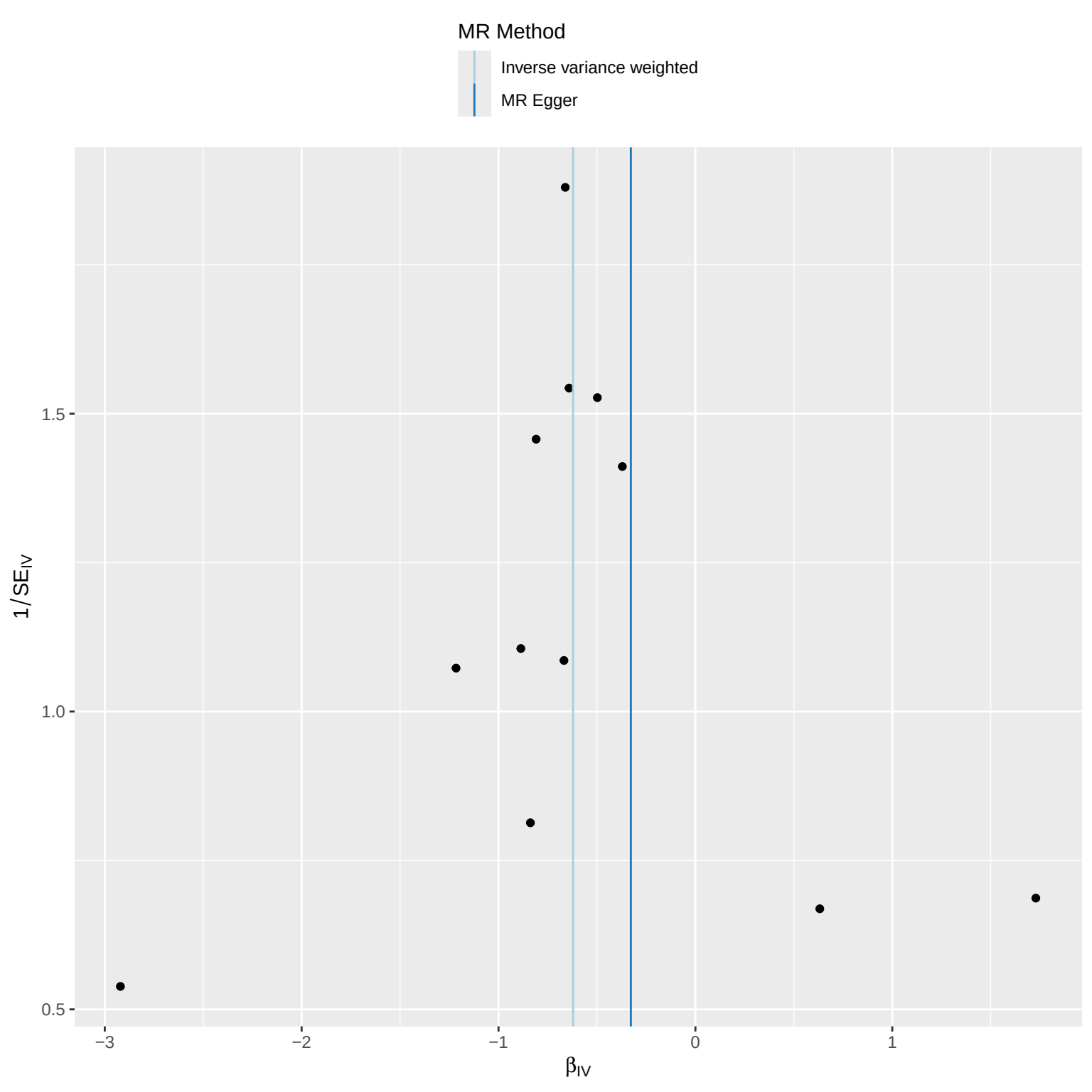

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

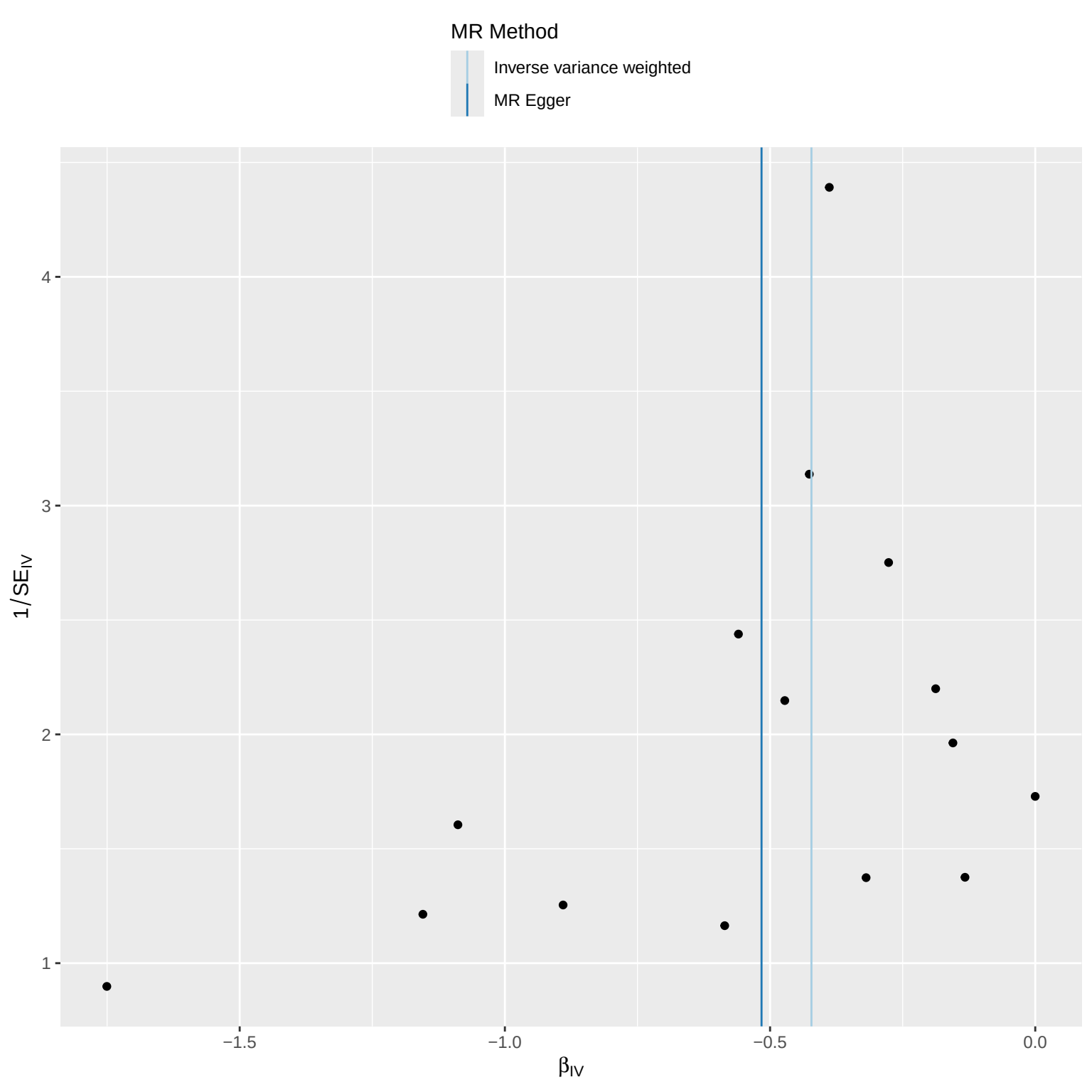

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
β_IV

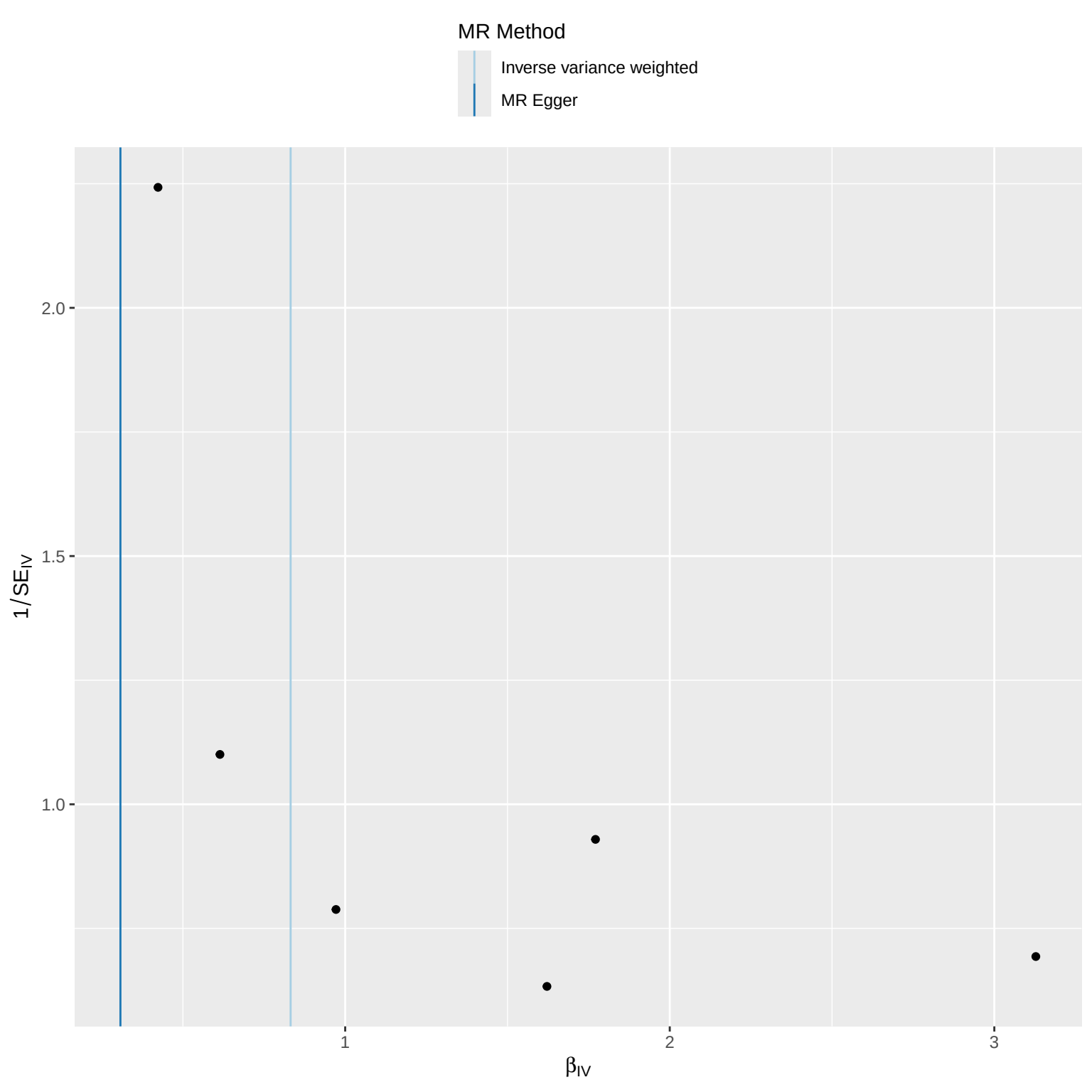

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
β_IV

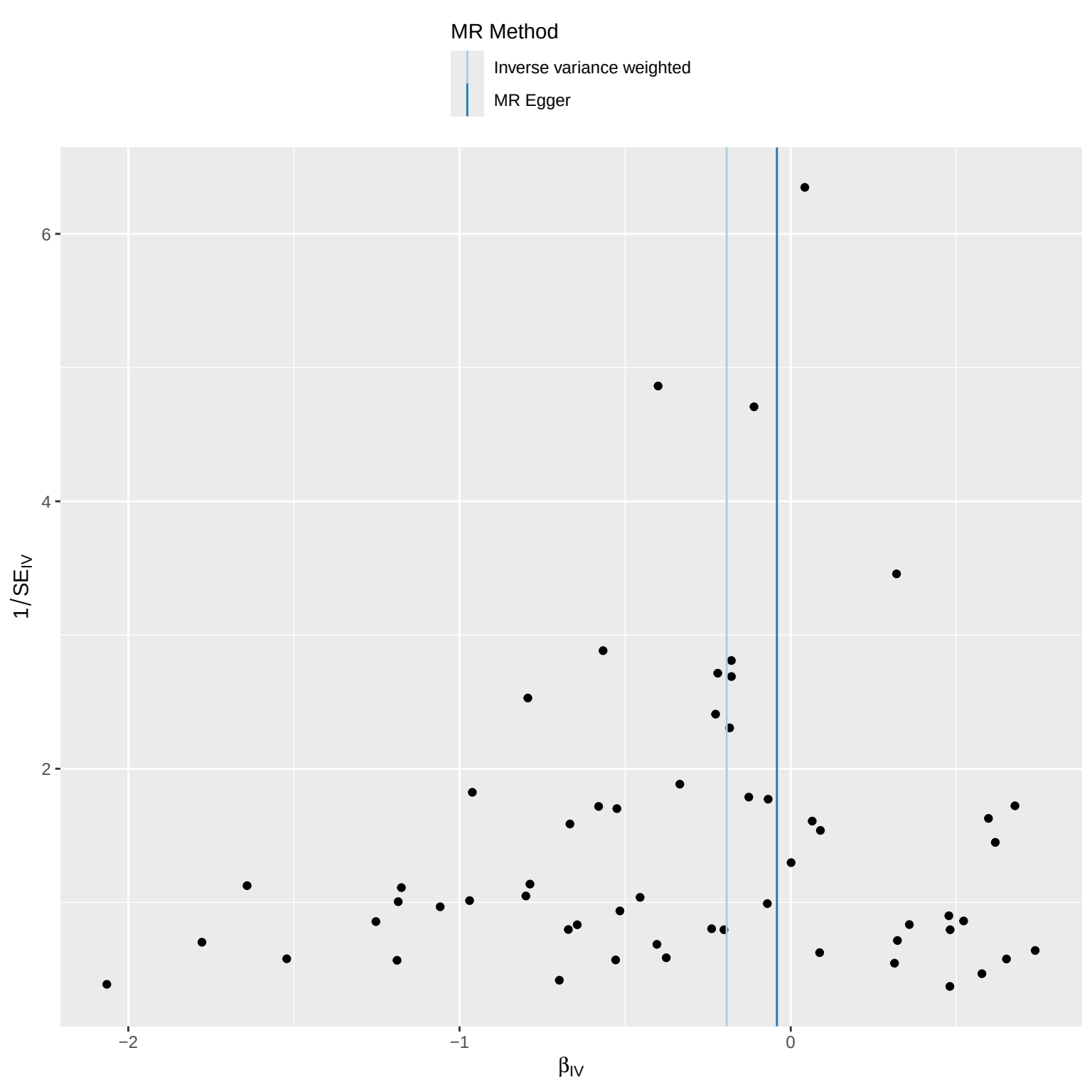

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

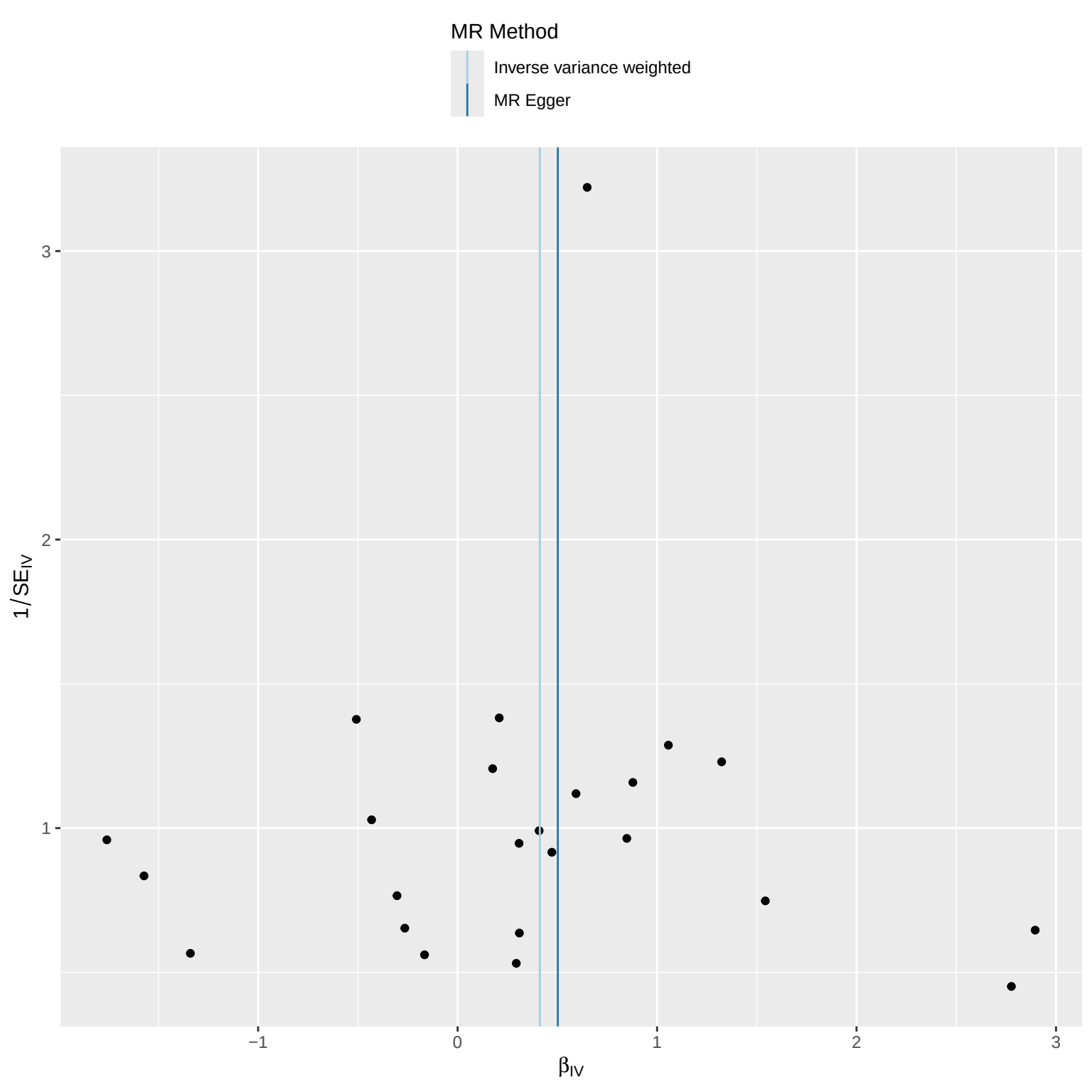

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

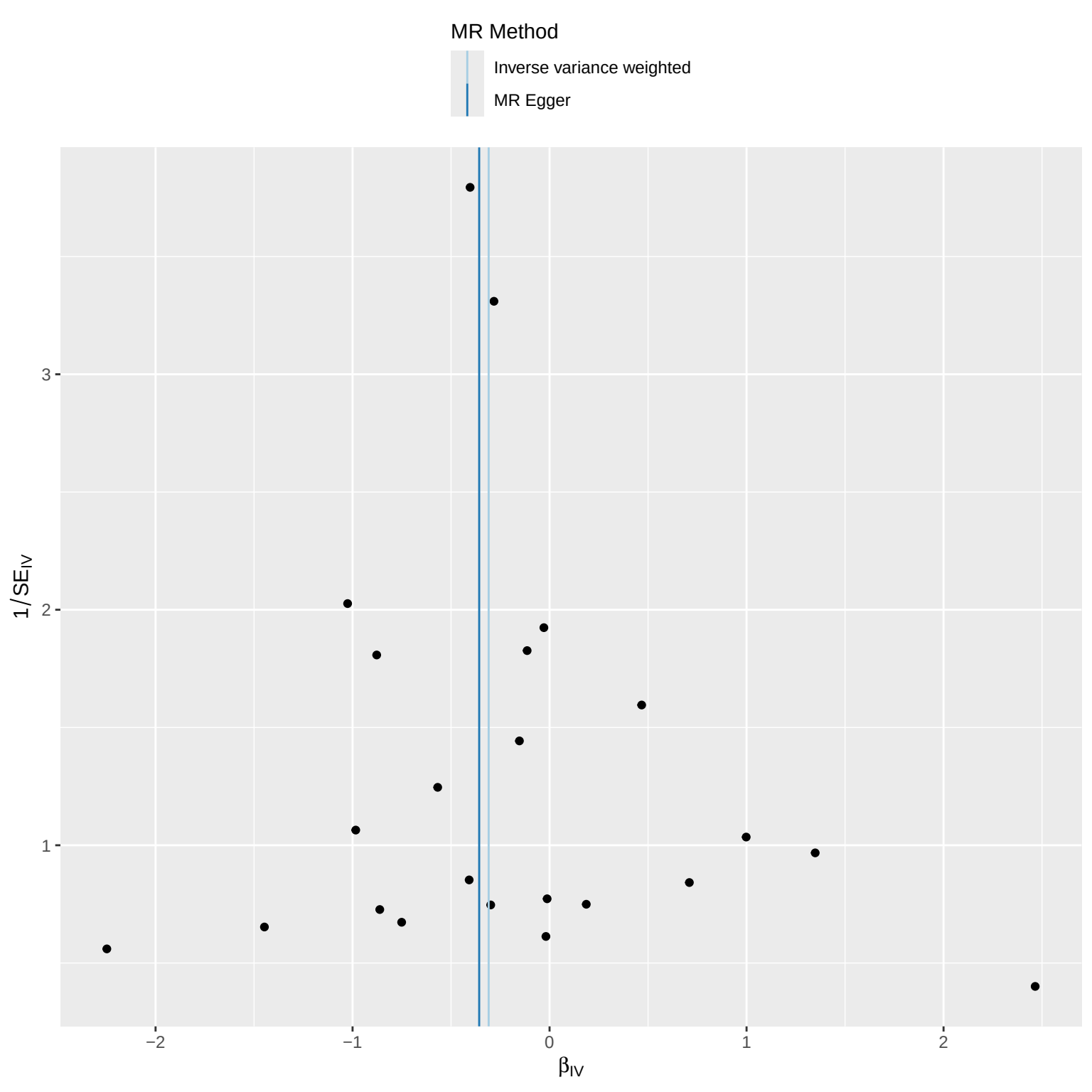

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

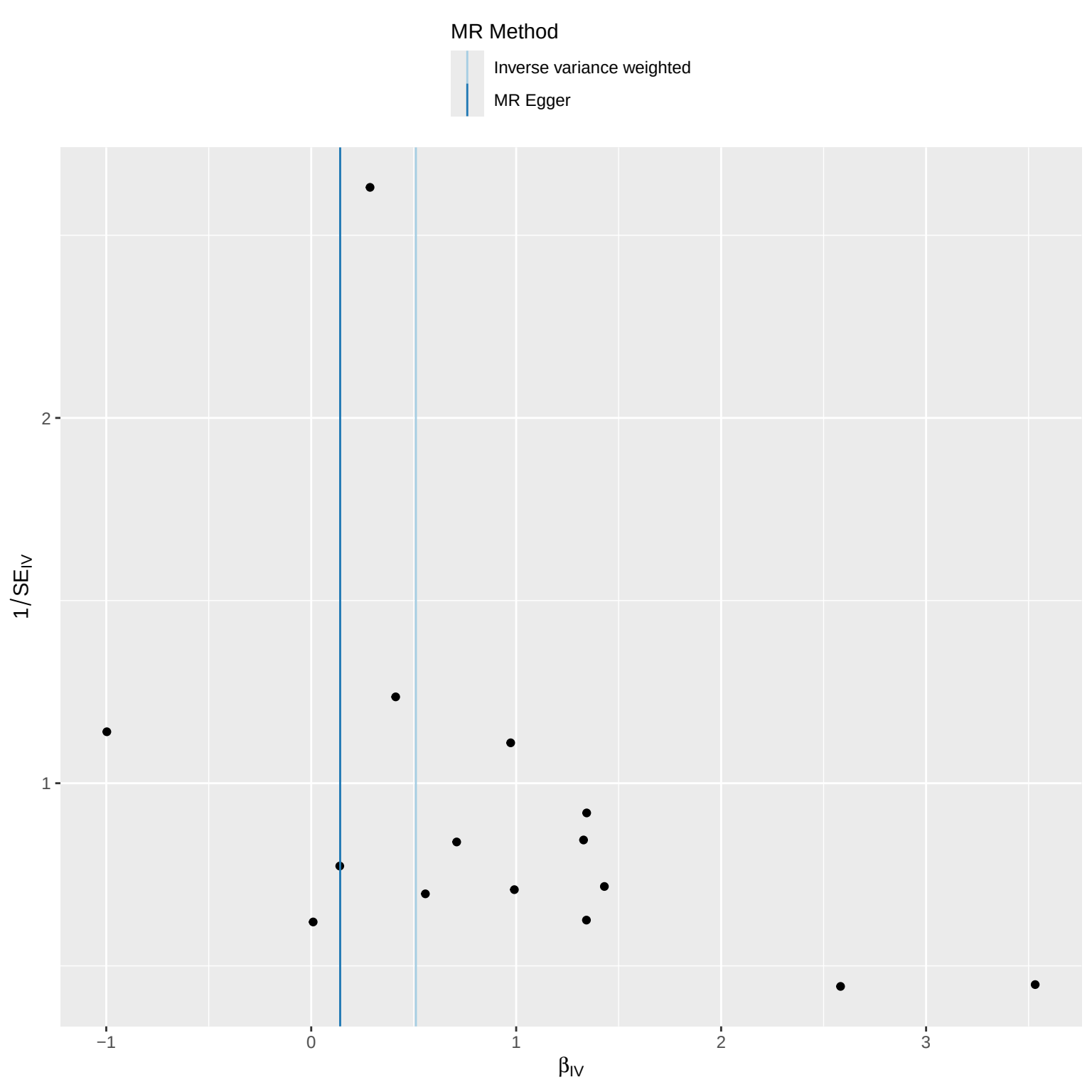

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

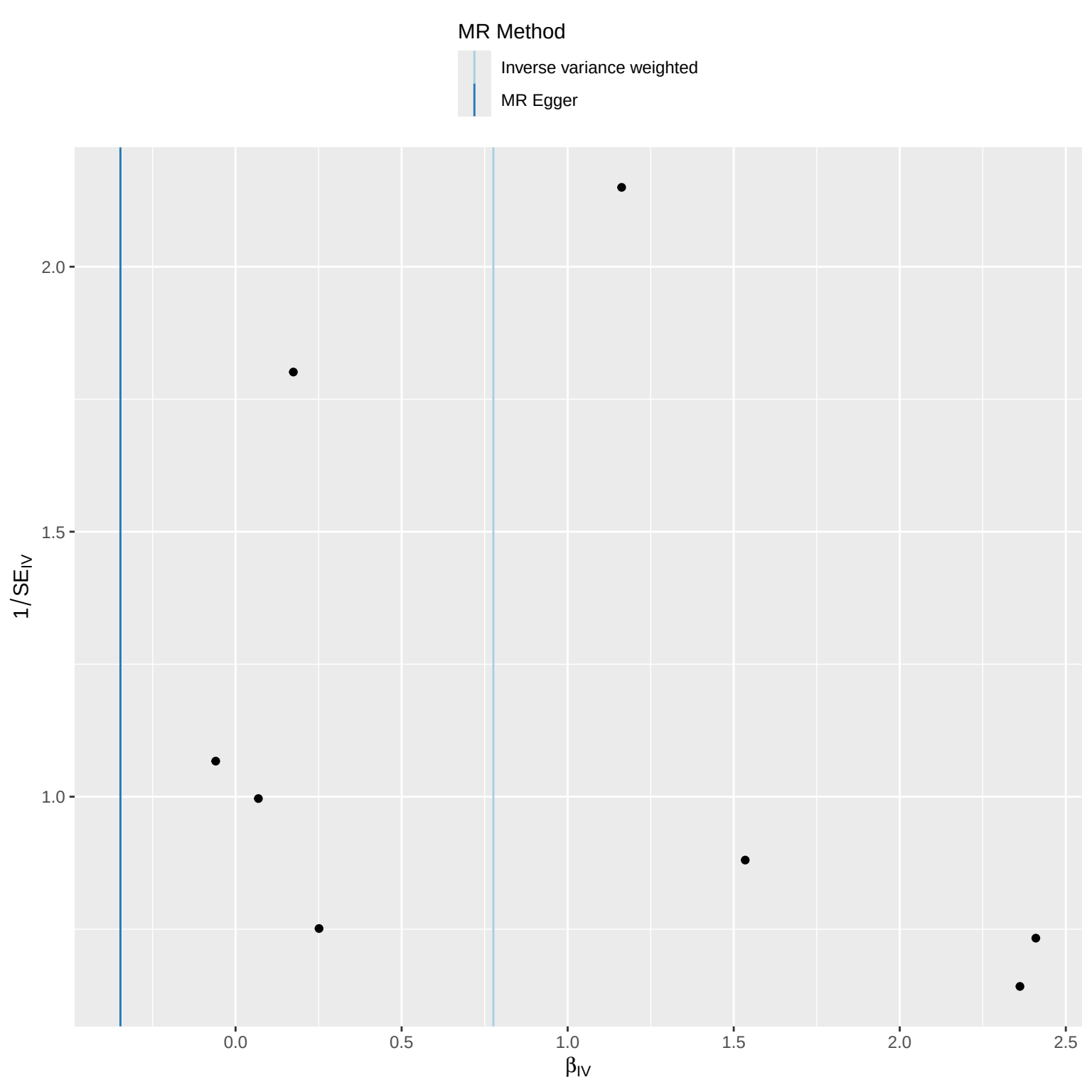

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
1
2
3
β_IV

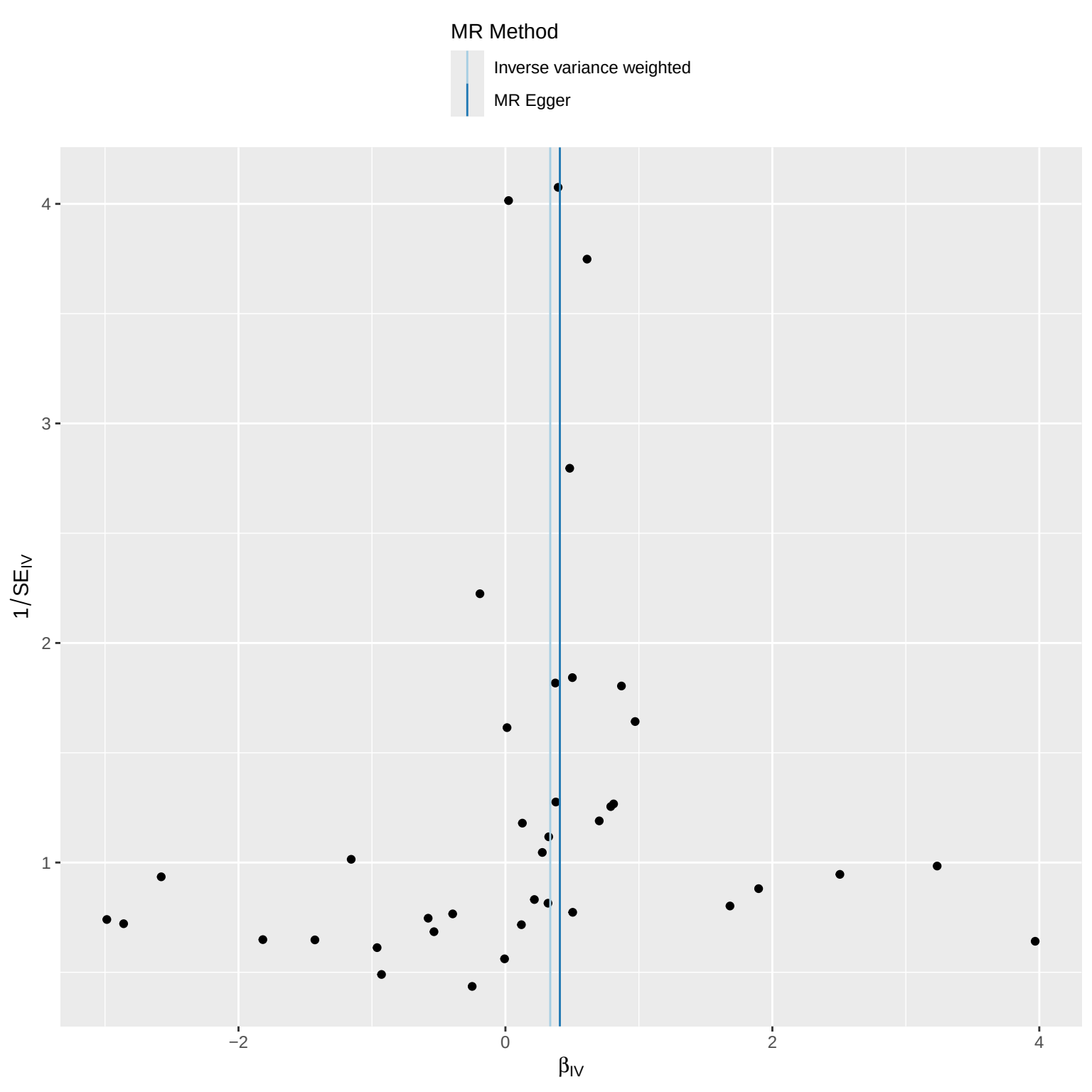

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

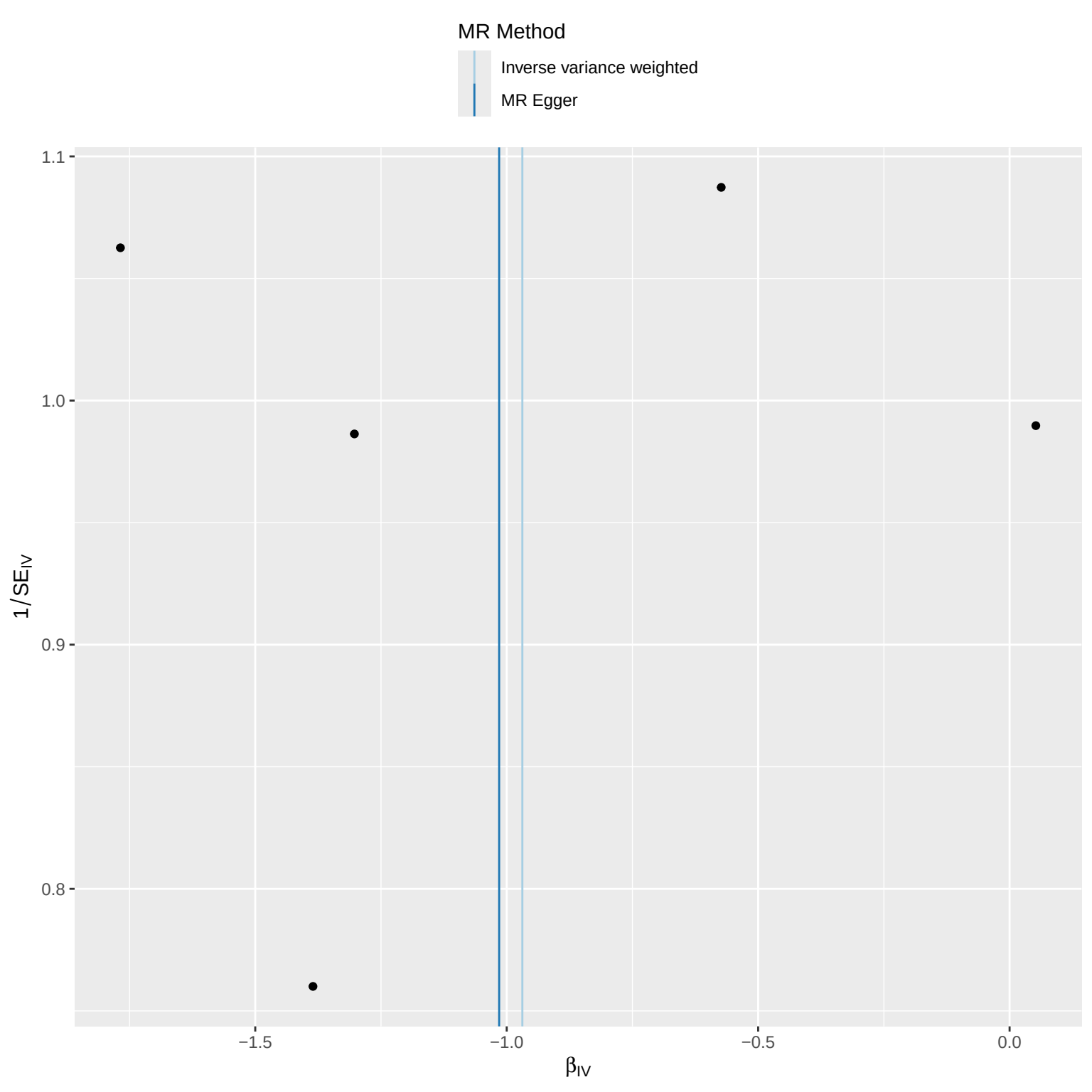

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−1
0
1
2
3
β_{IV}

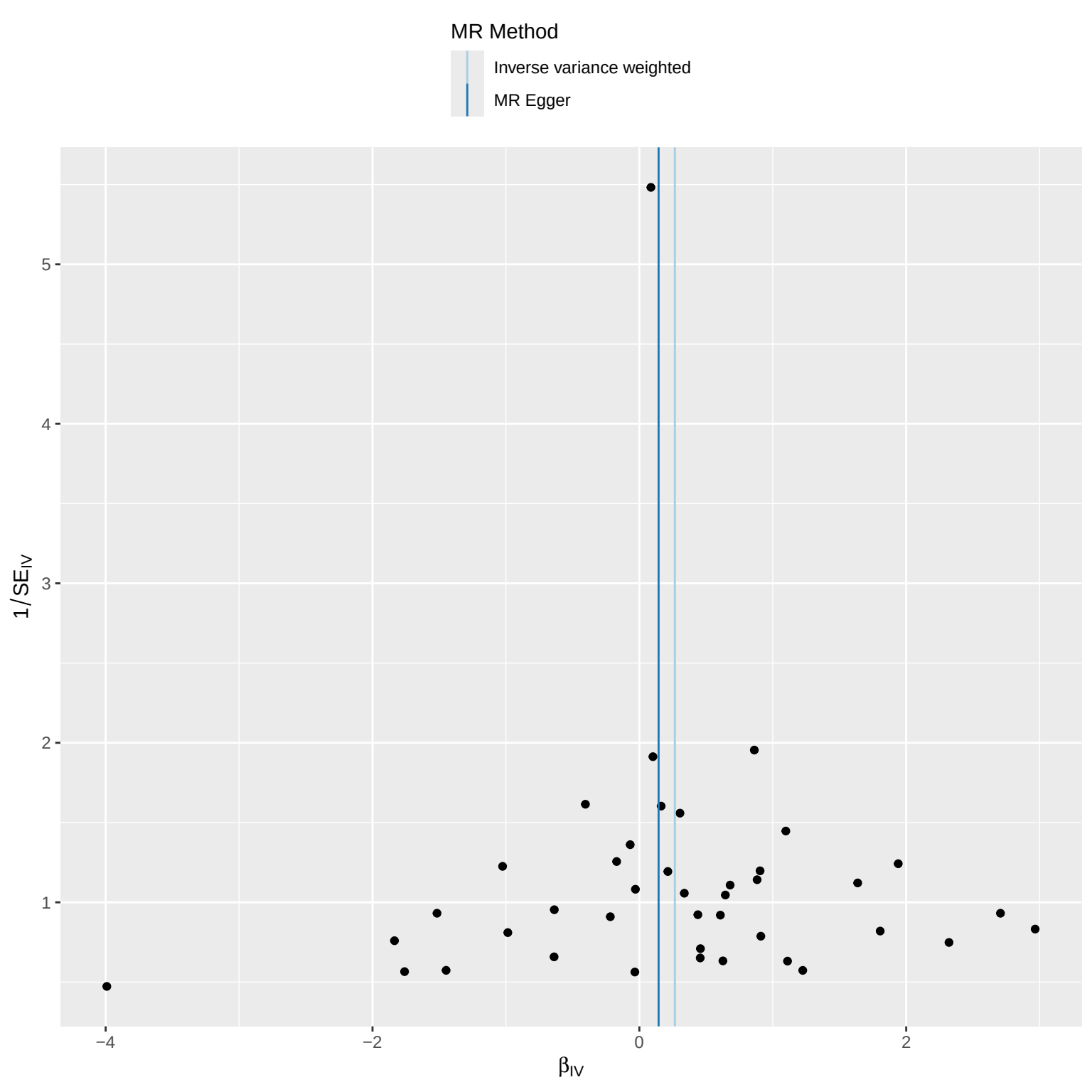

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

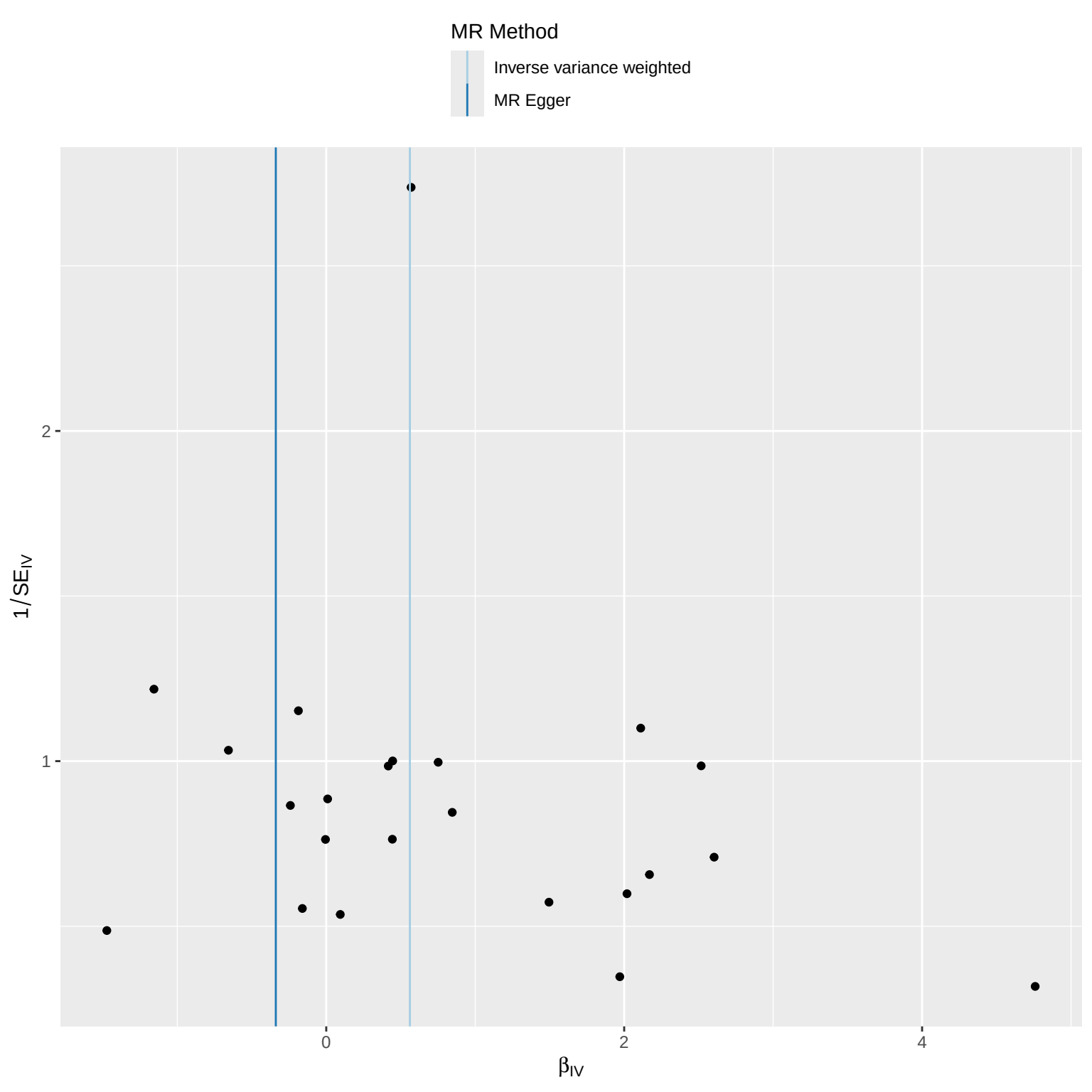

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

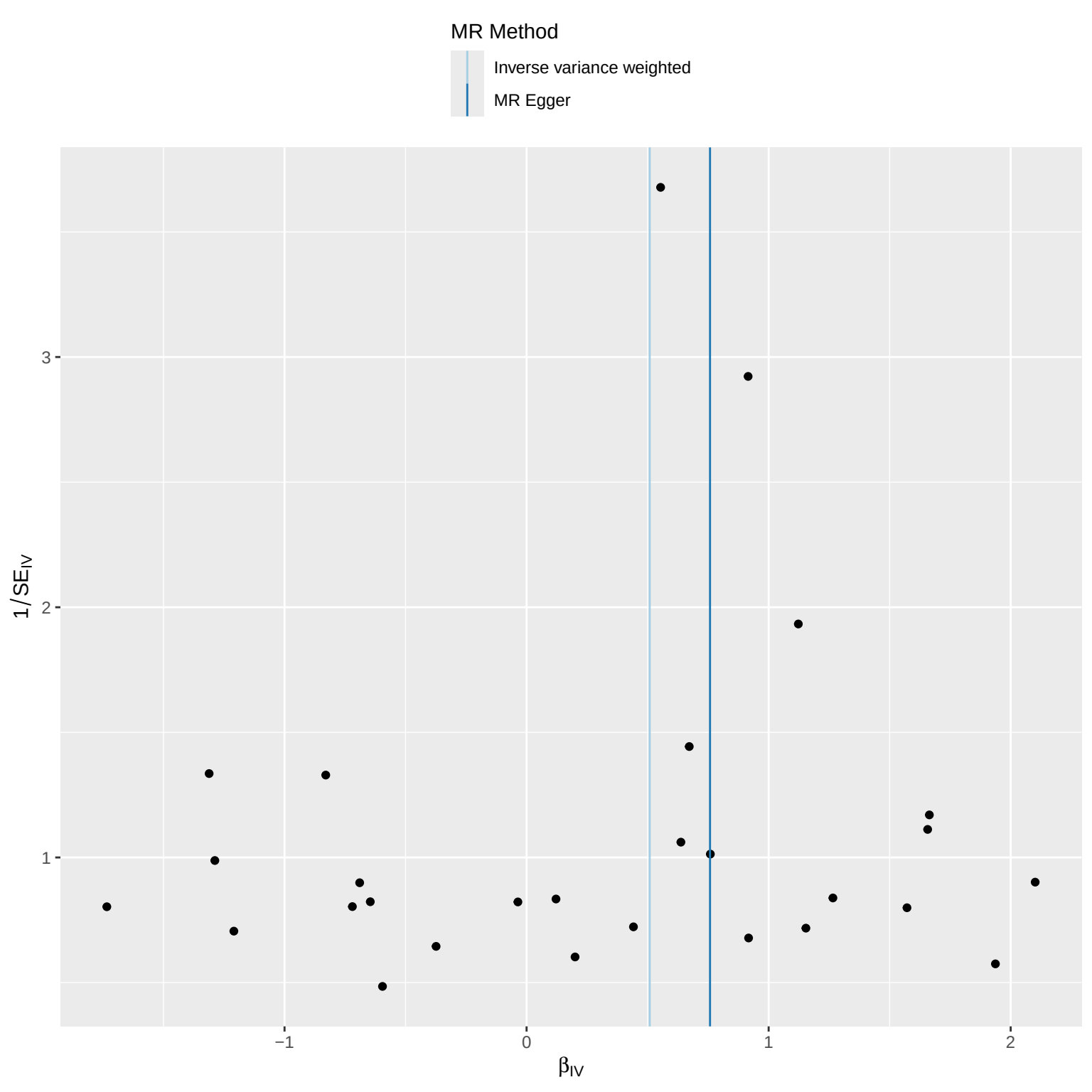

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
2.5
β_IV

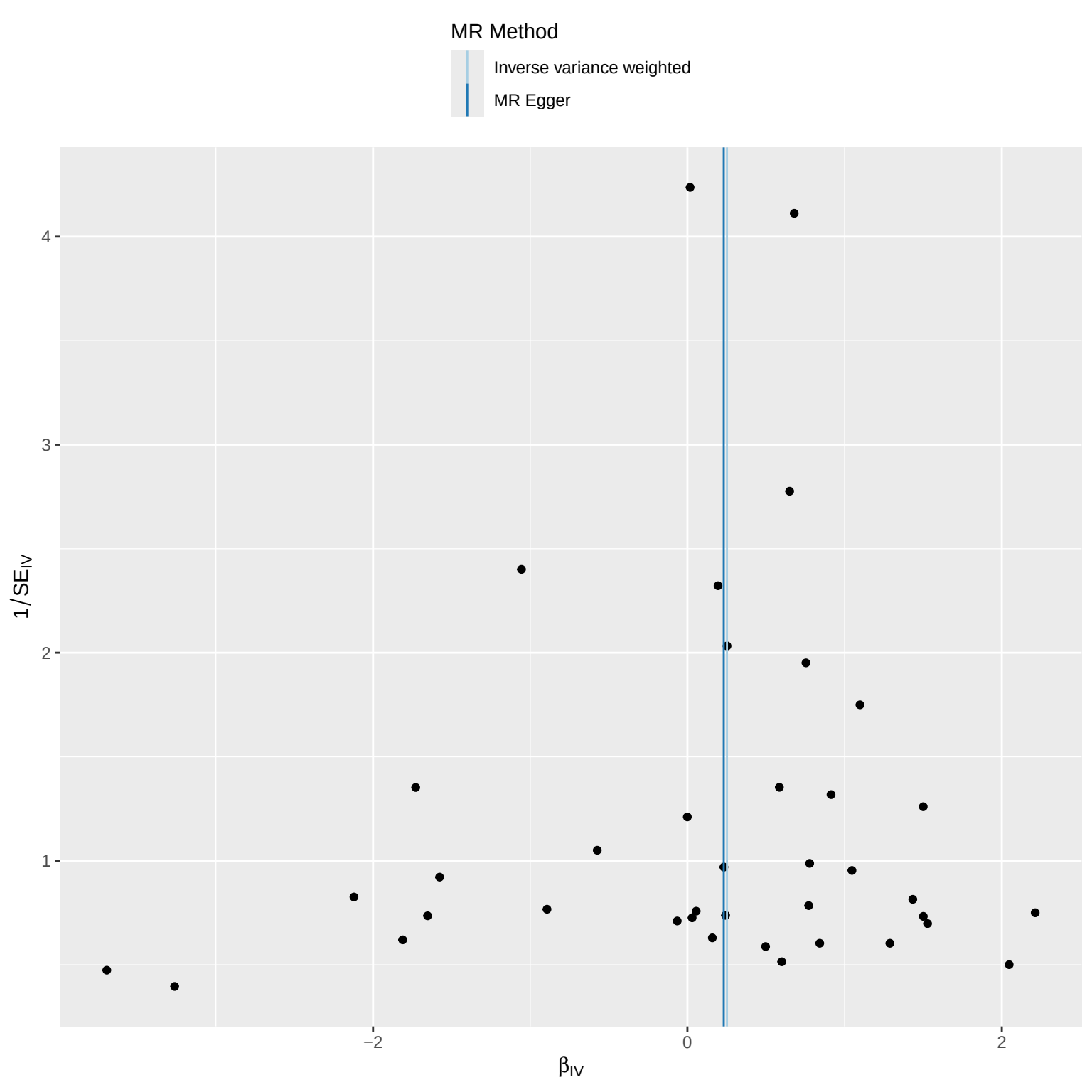

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

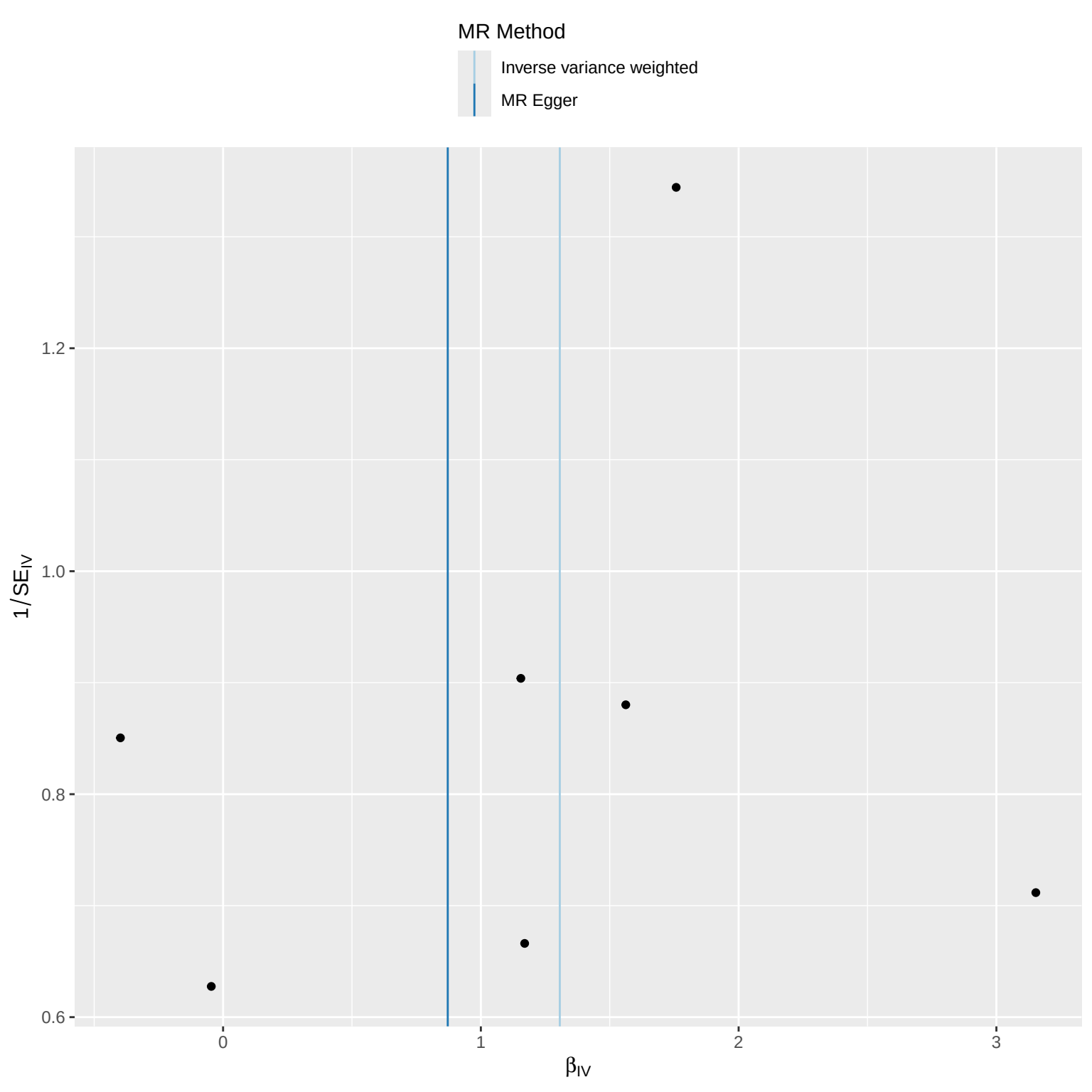

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

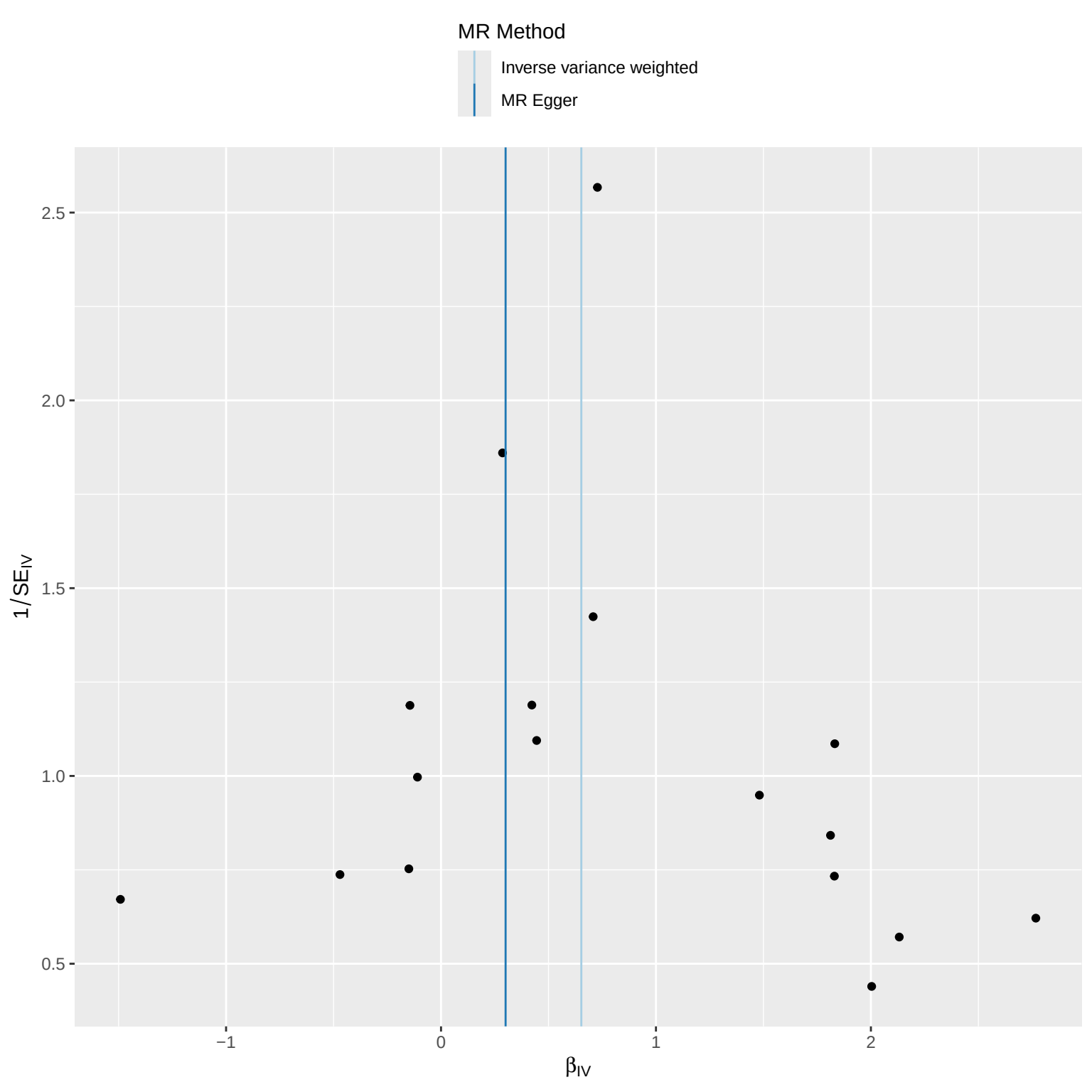

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

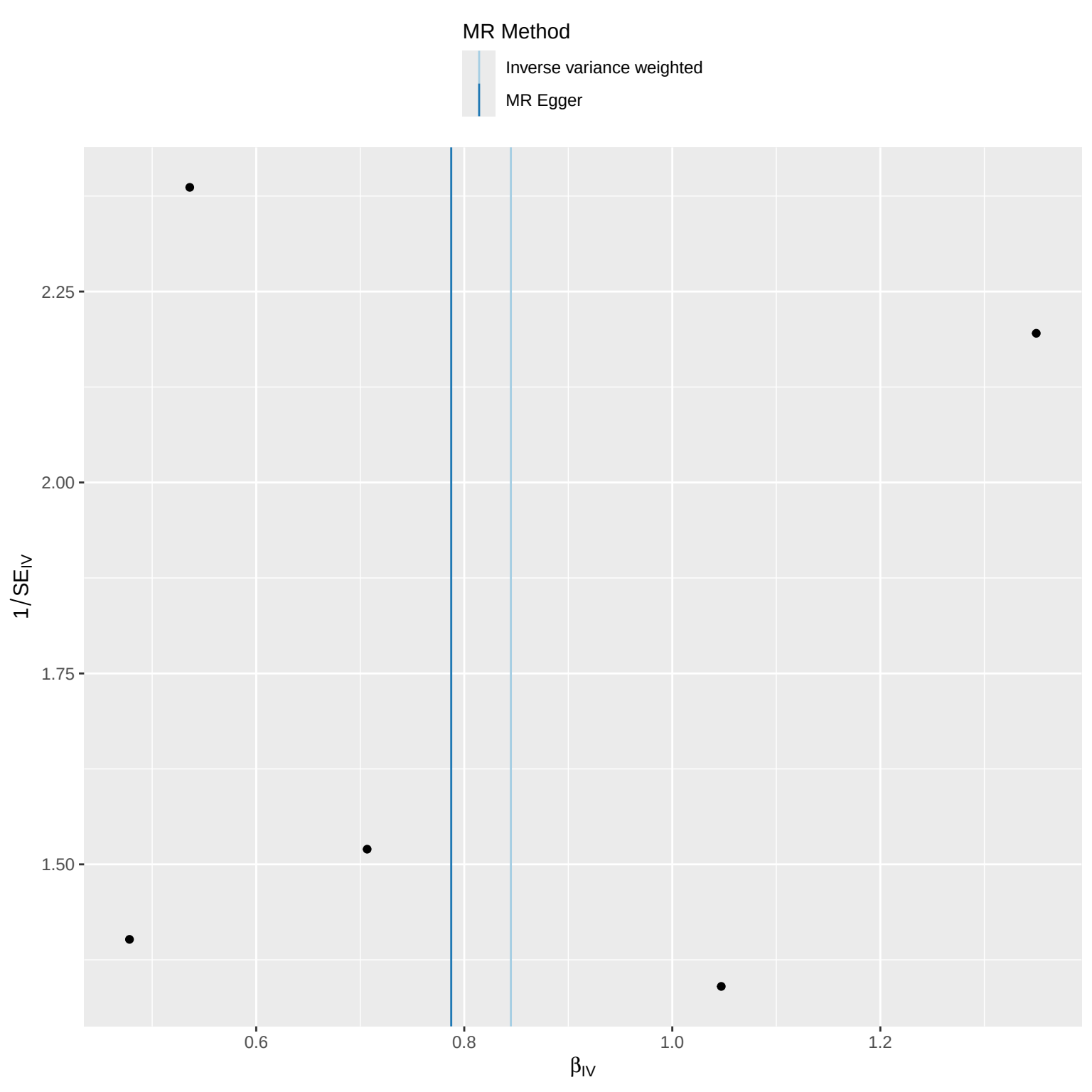

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0
2
4
β_IV

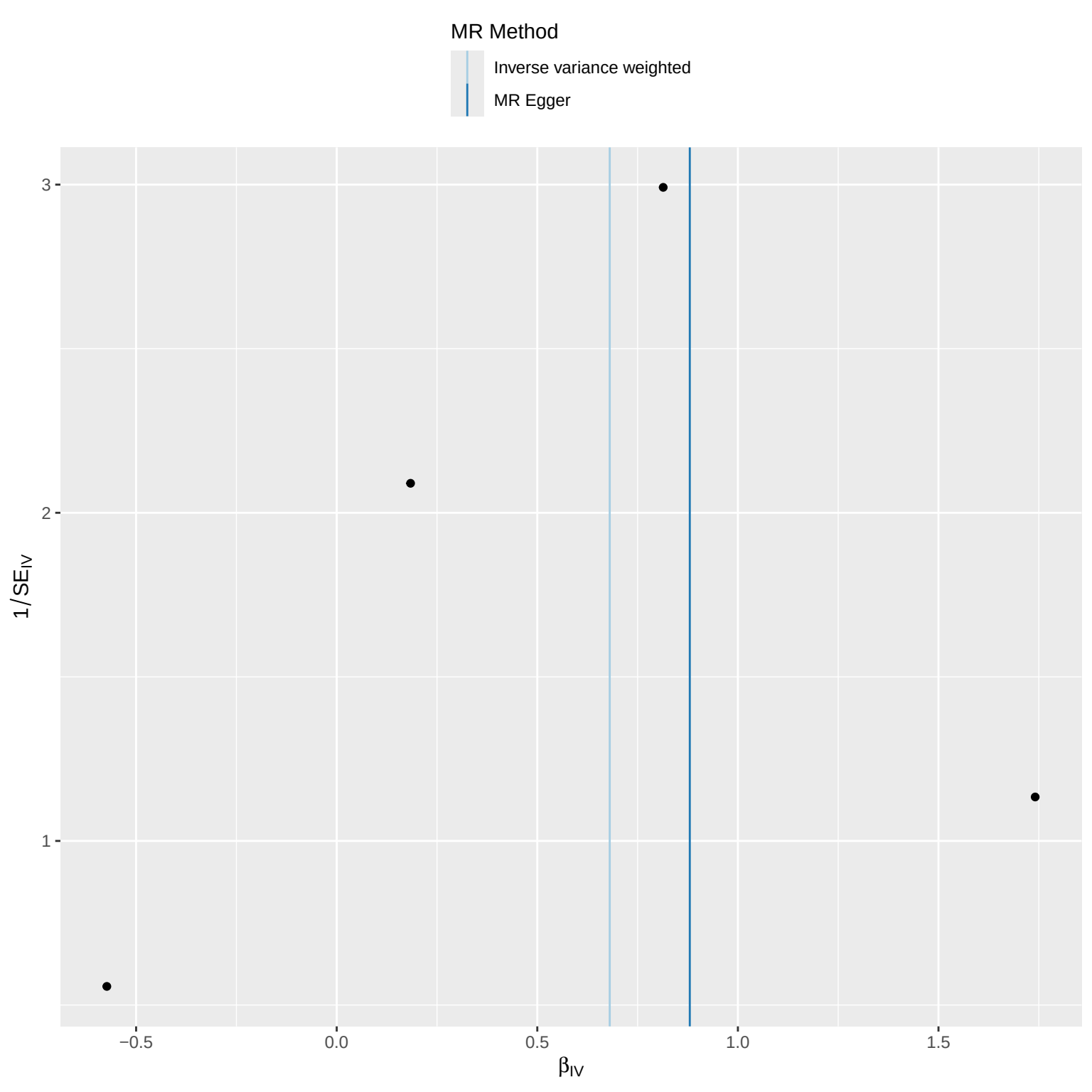

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

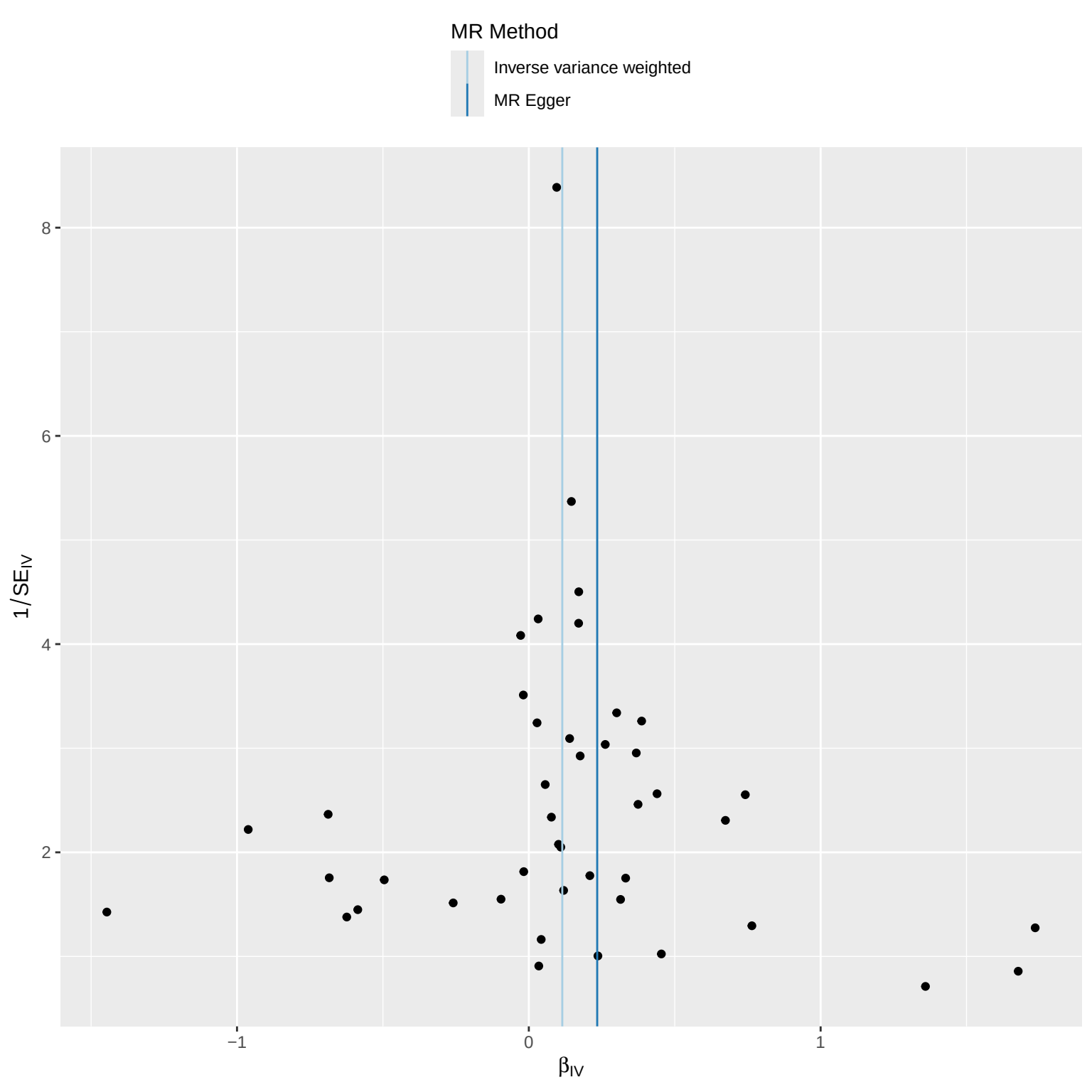

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

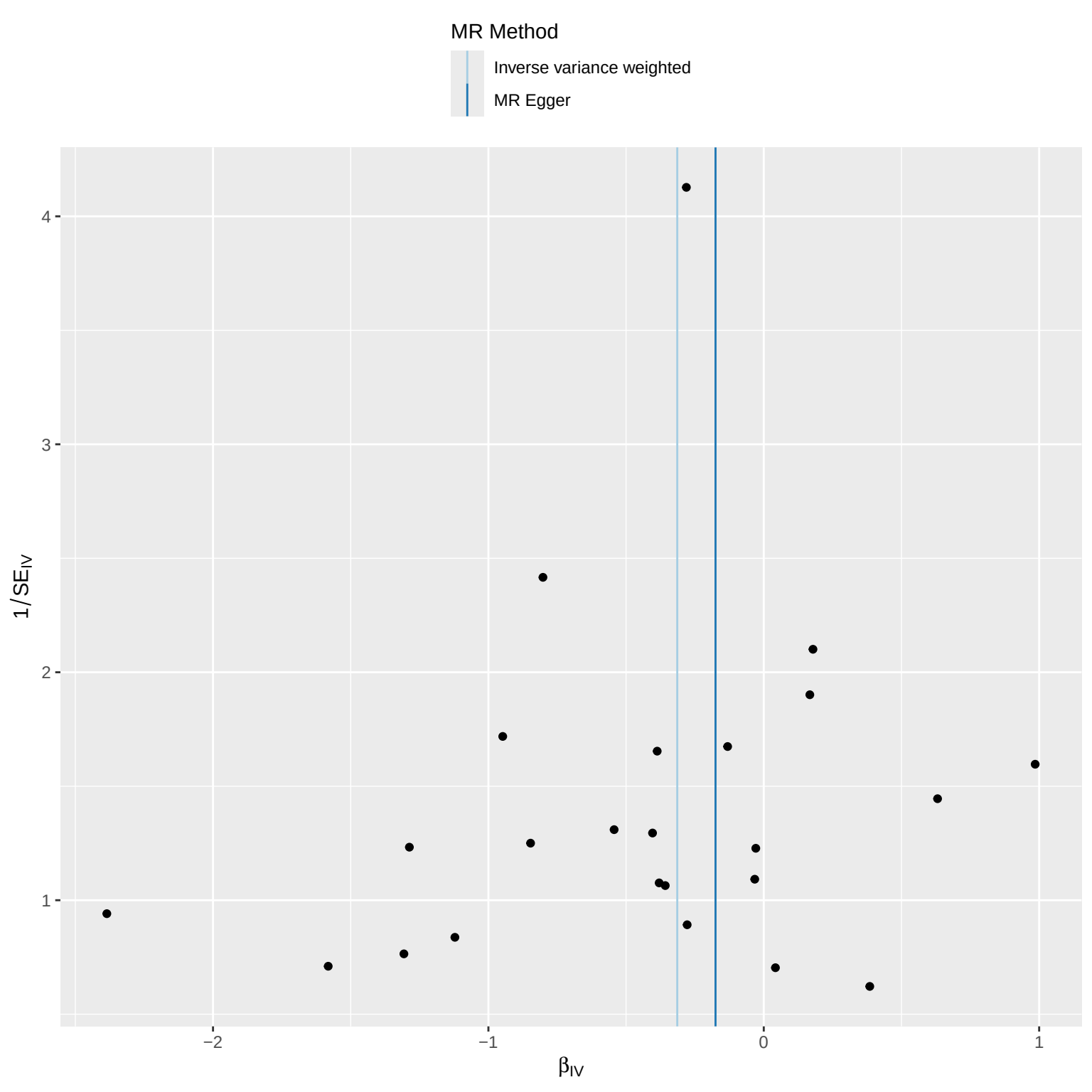

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

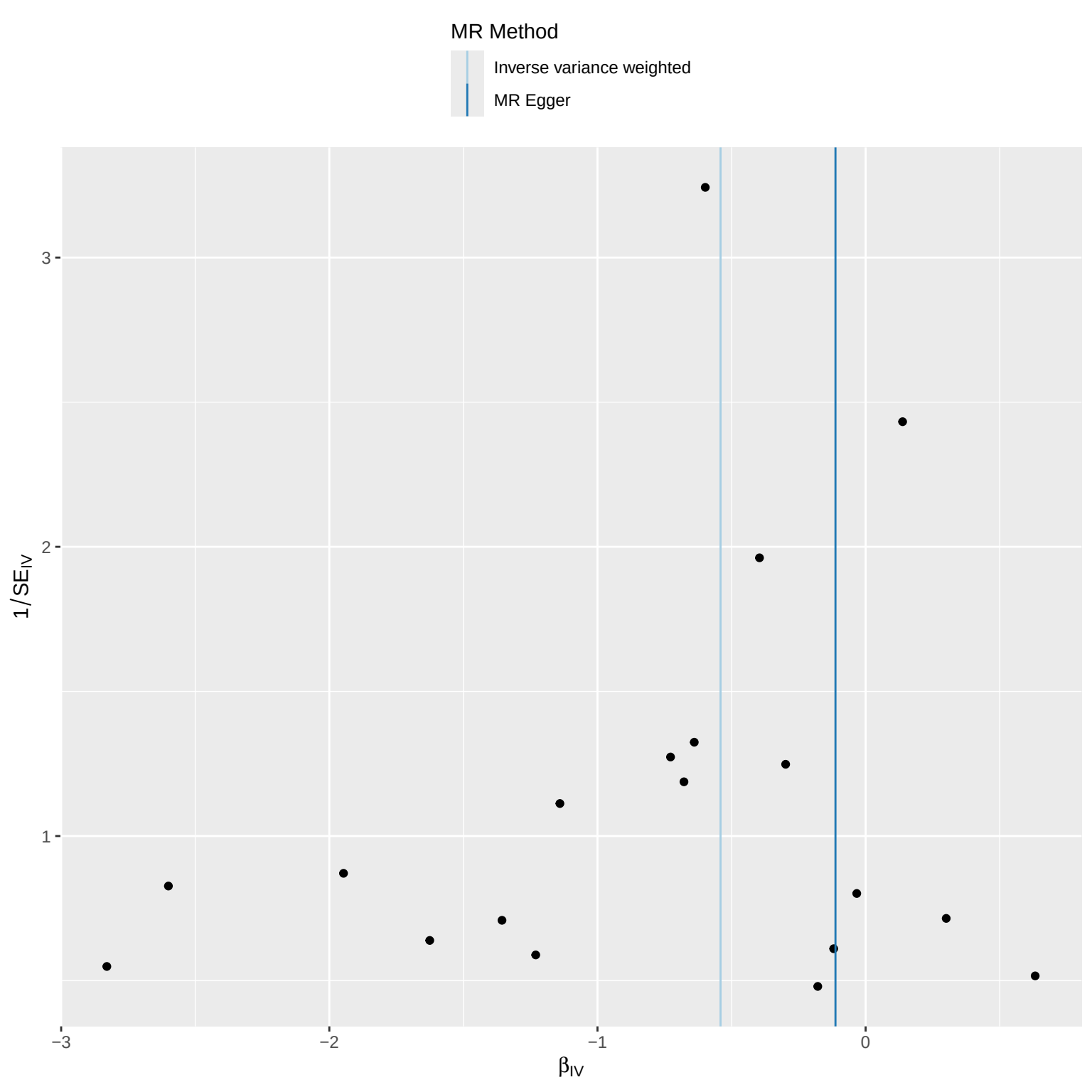

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

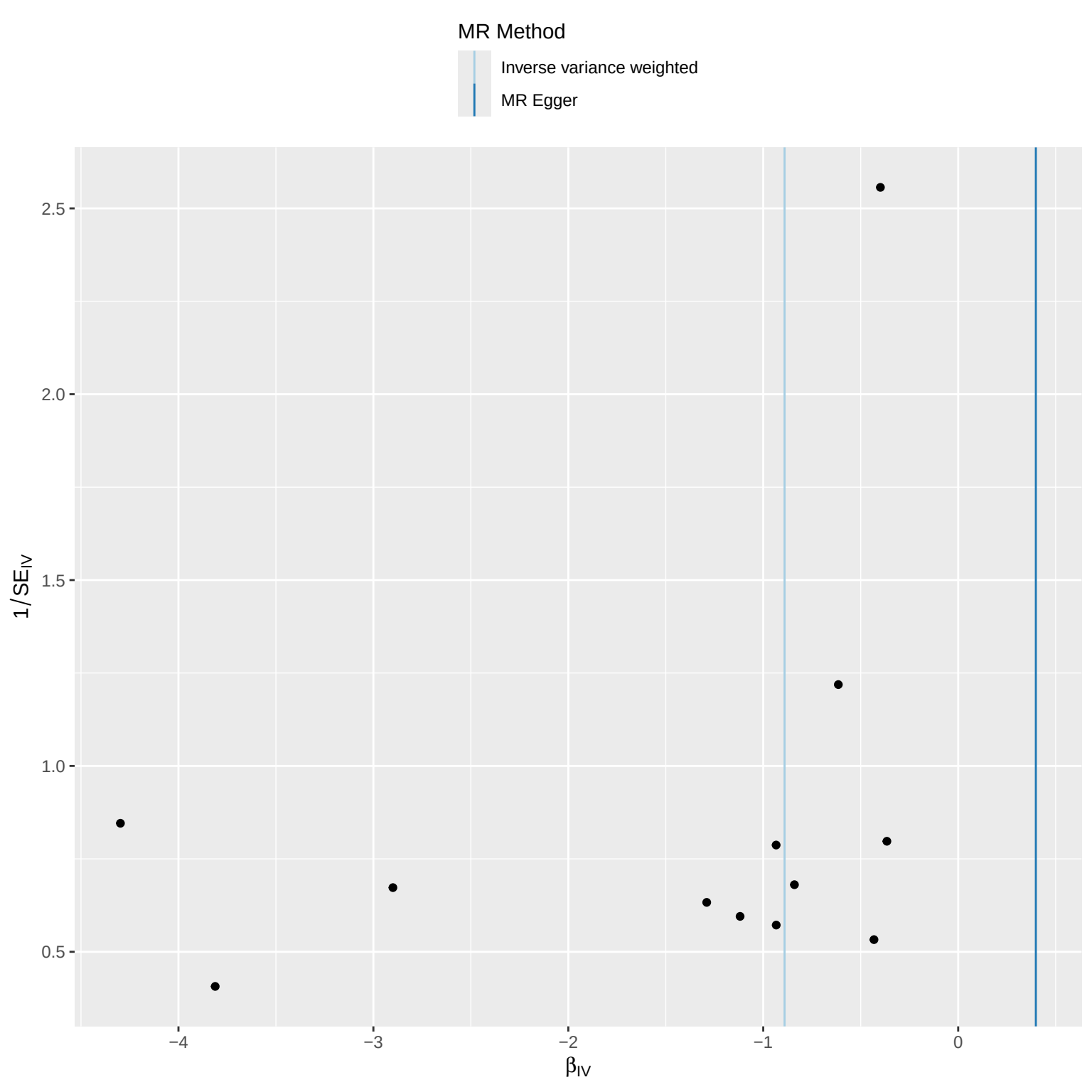

MR Method
Inverse variance weighted
MR Egger
2.25
2.00
1.75
1.50
1/SE_IV
0.6
0.8
1.0
1.2
β_IV

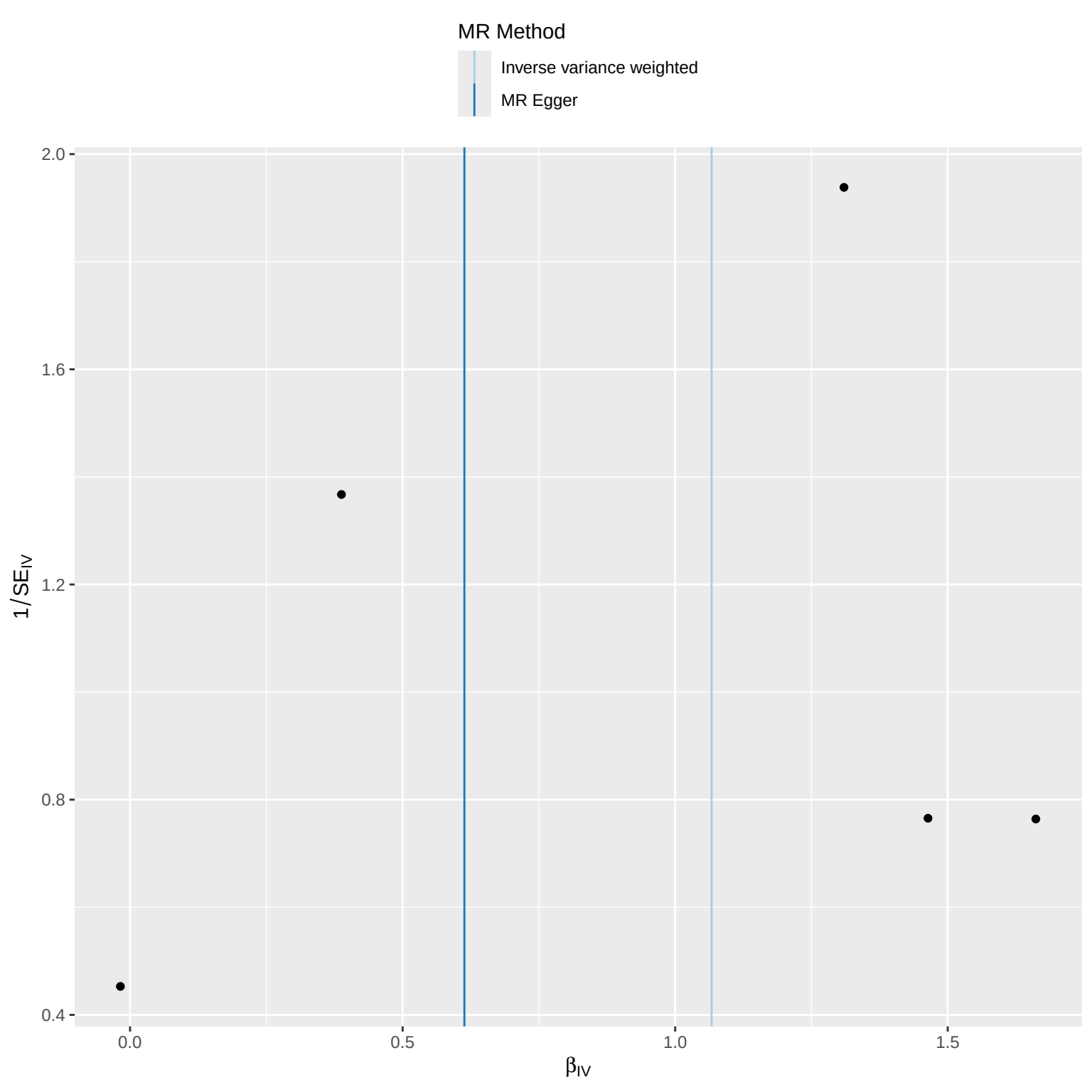

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

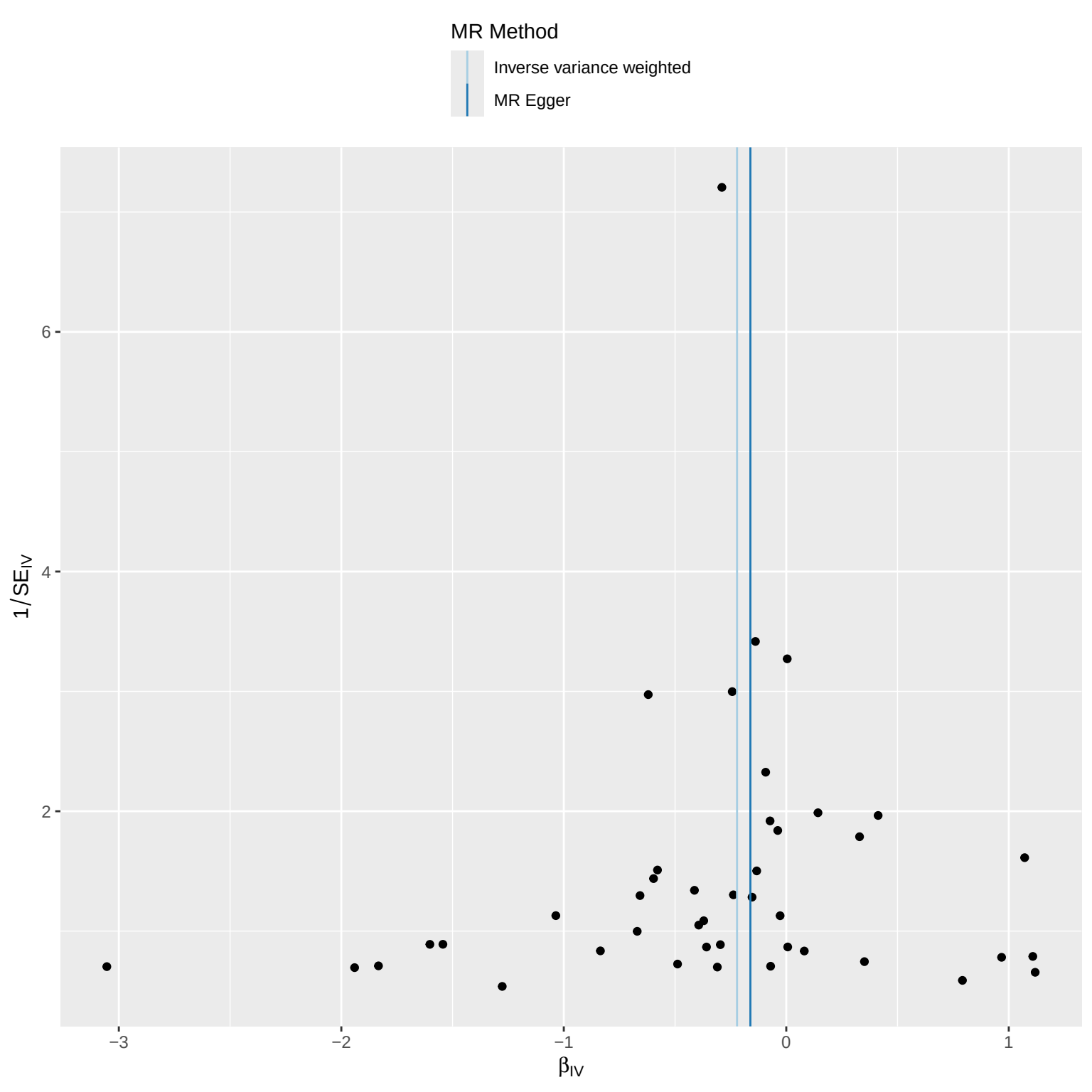

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

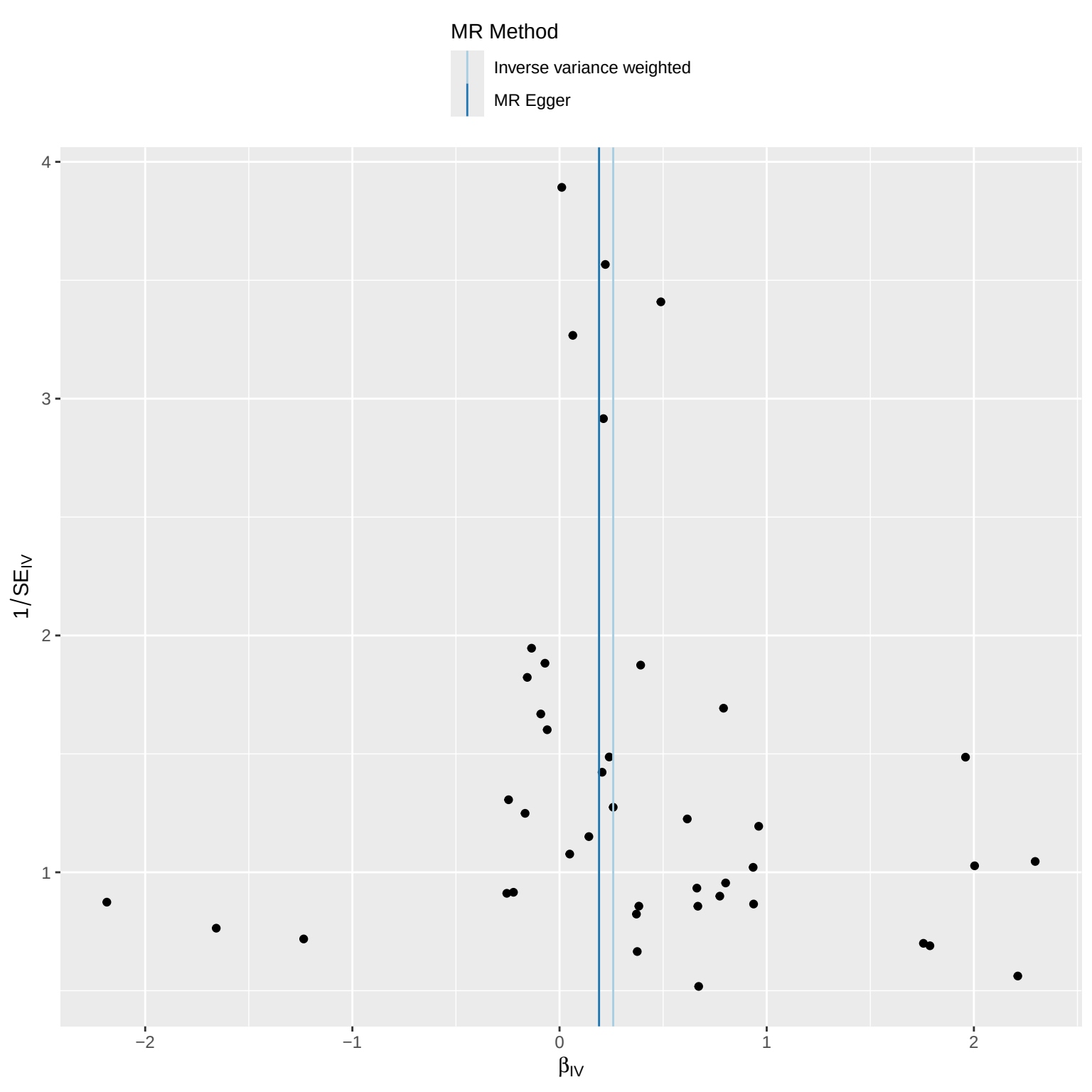

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

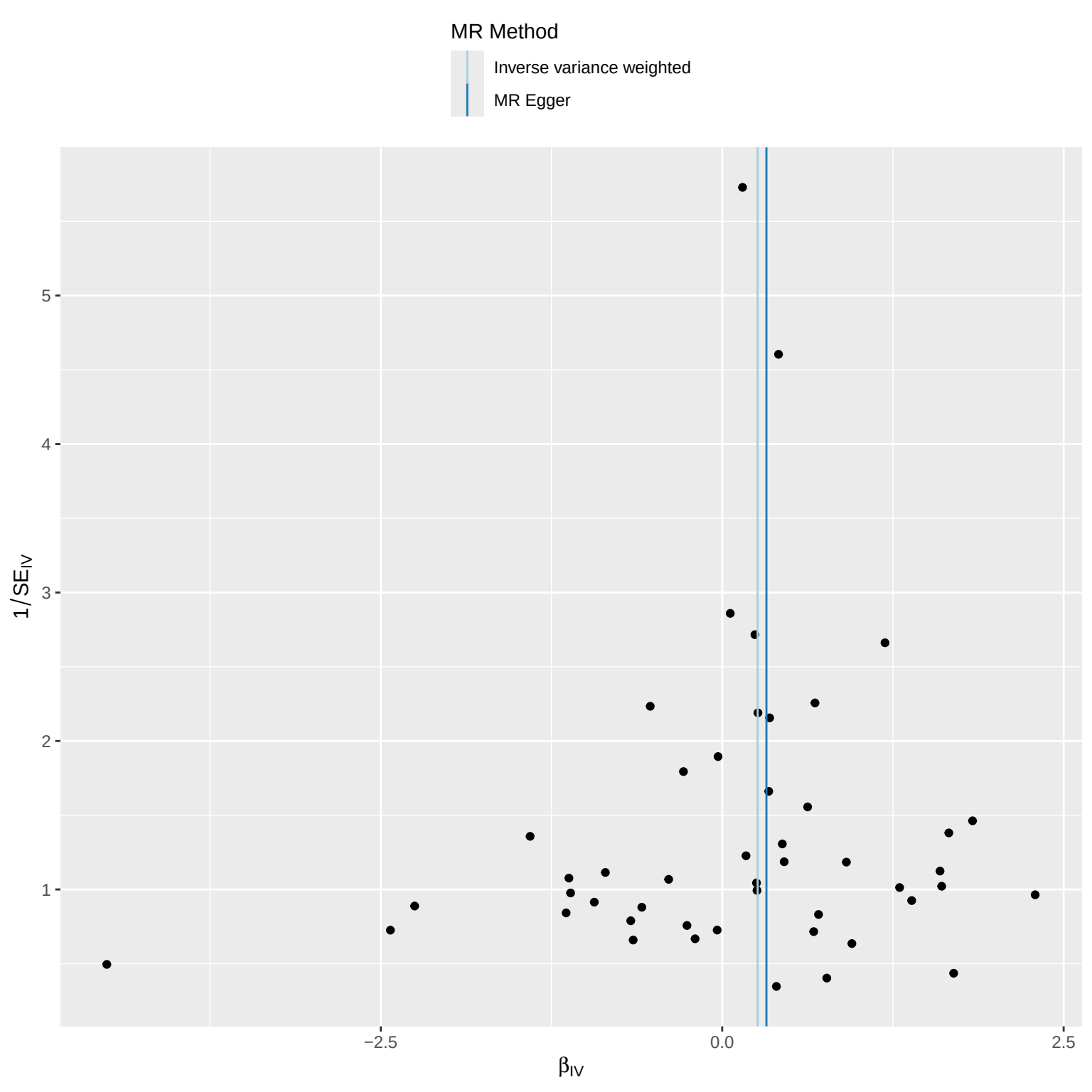

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

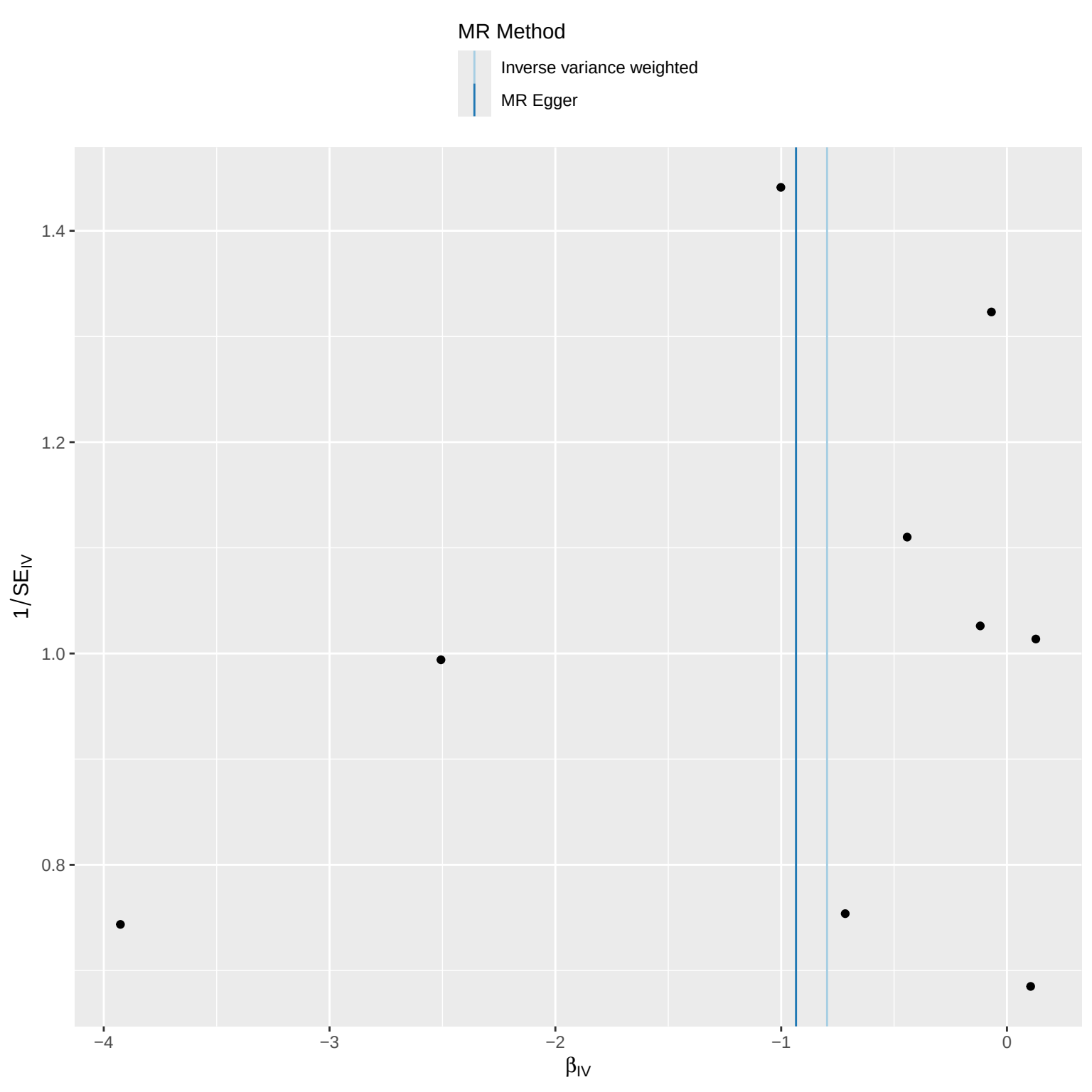

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

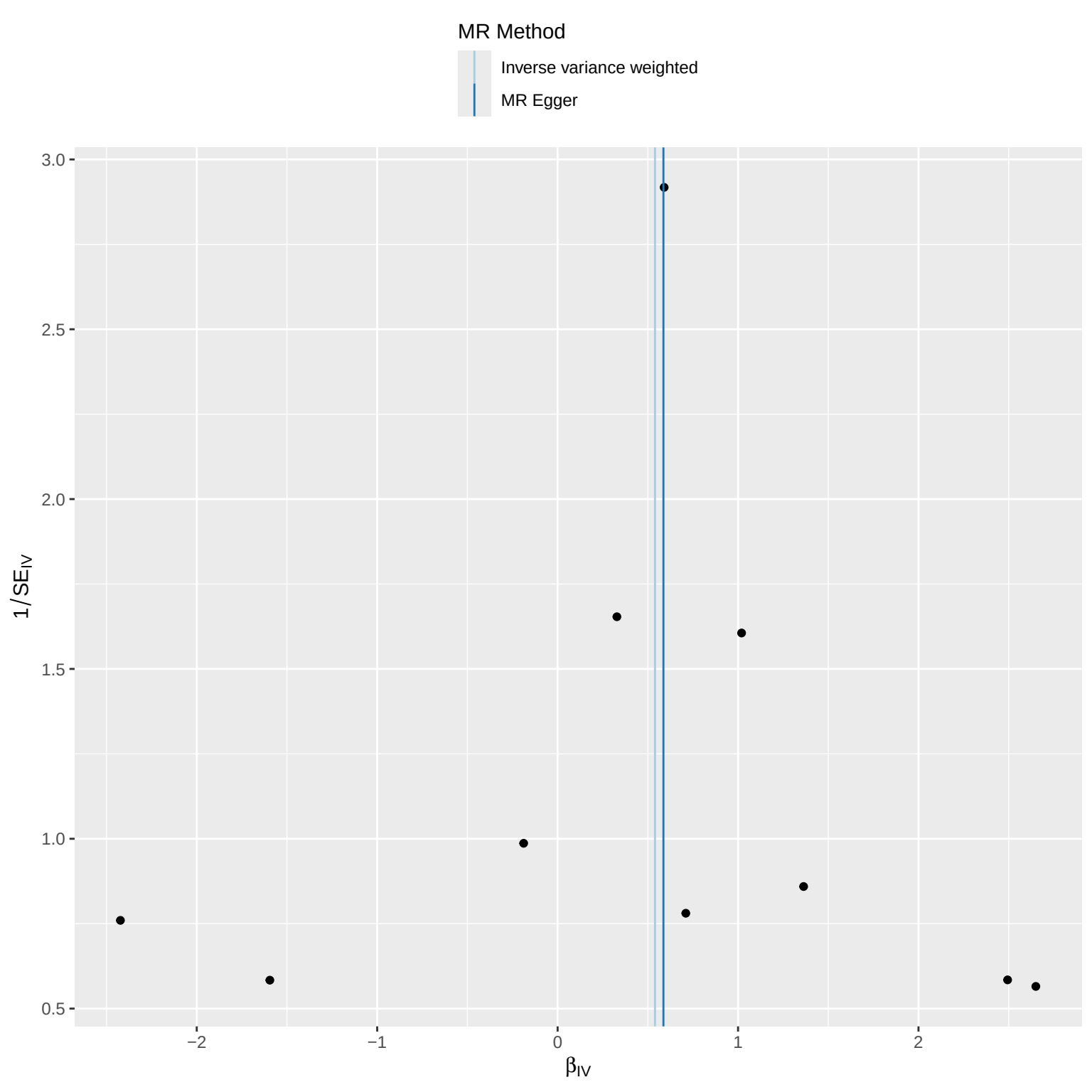

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
0.4
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

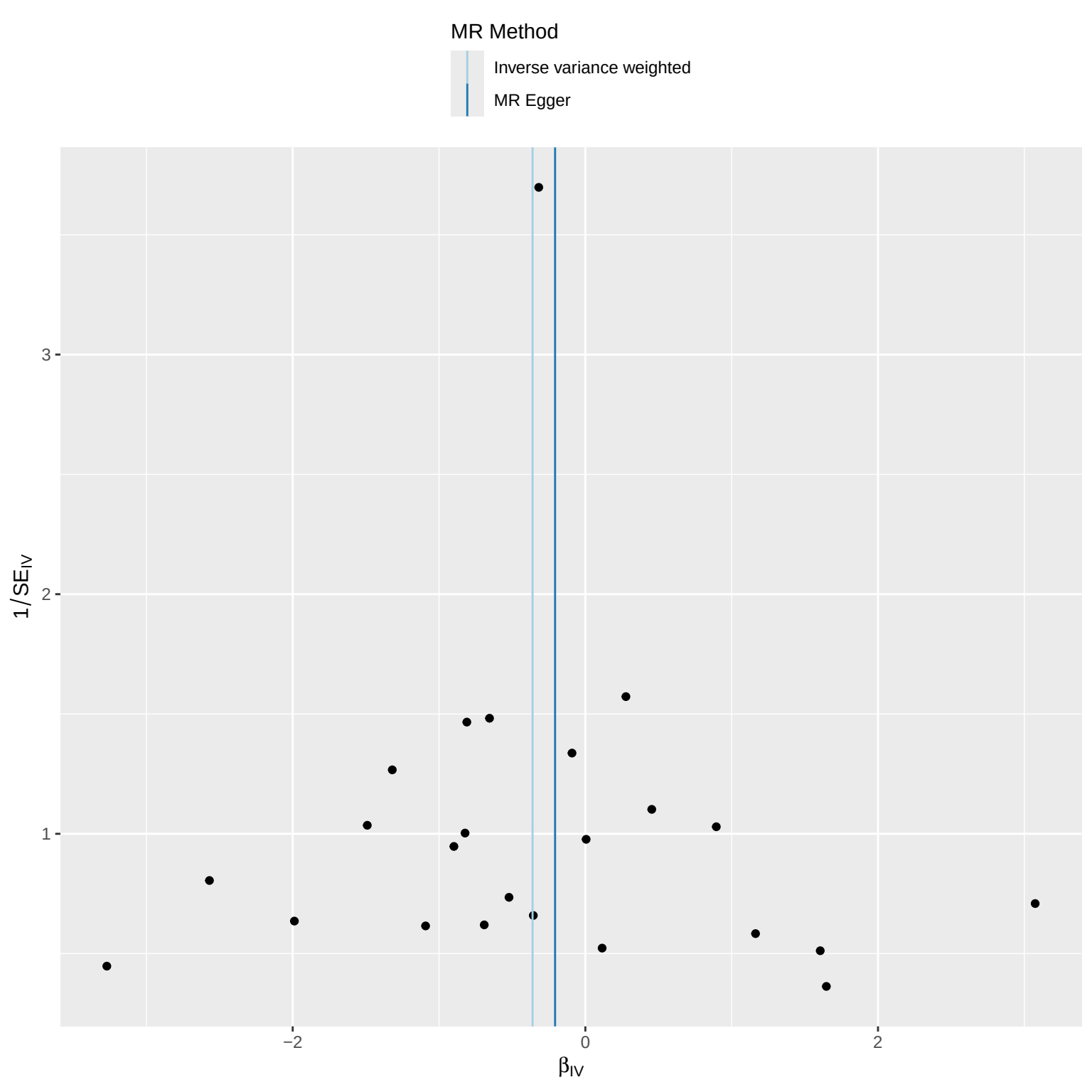

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

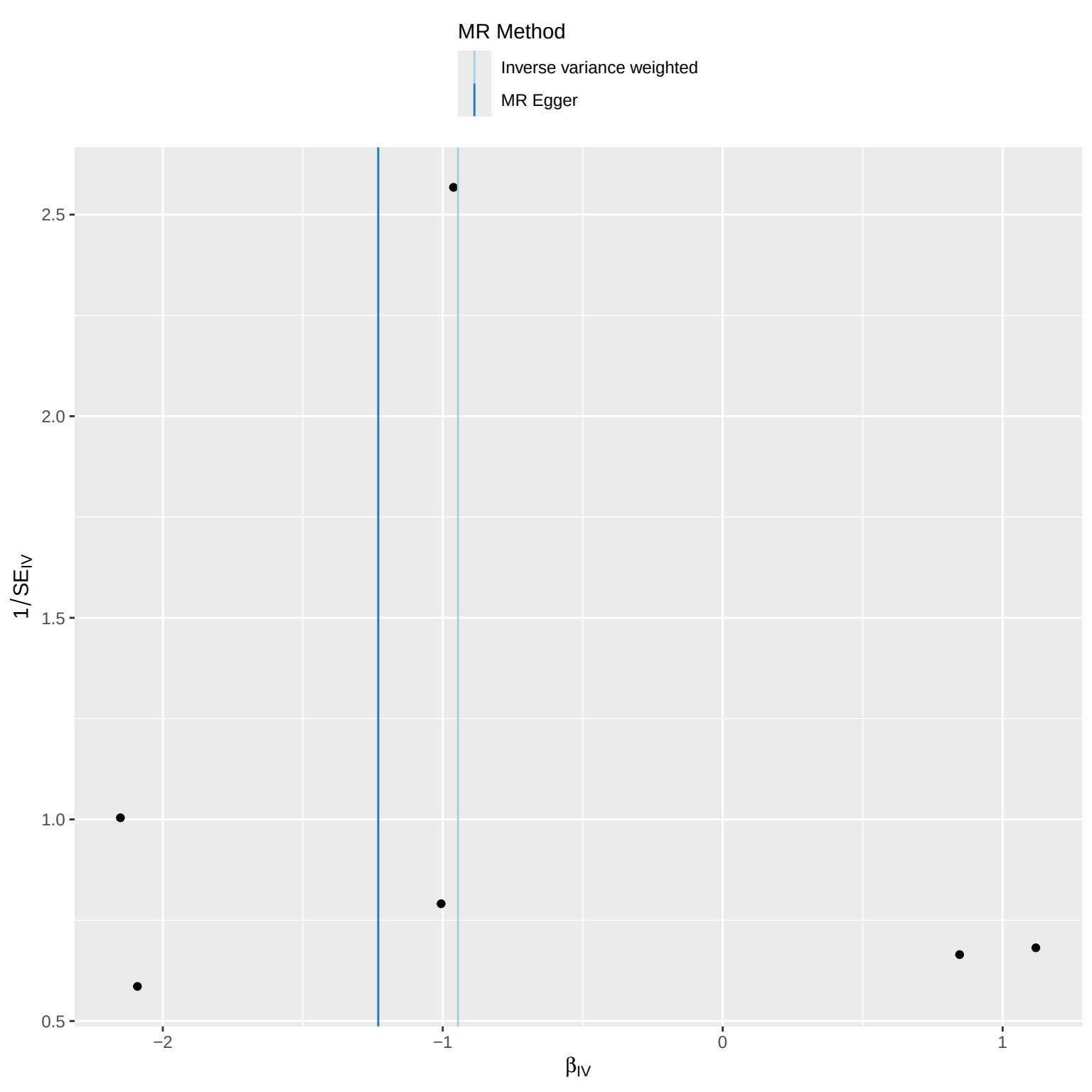

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

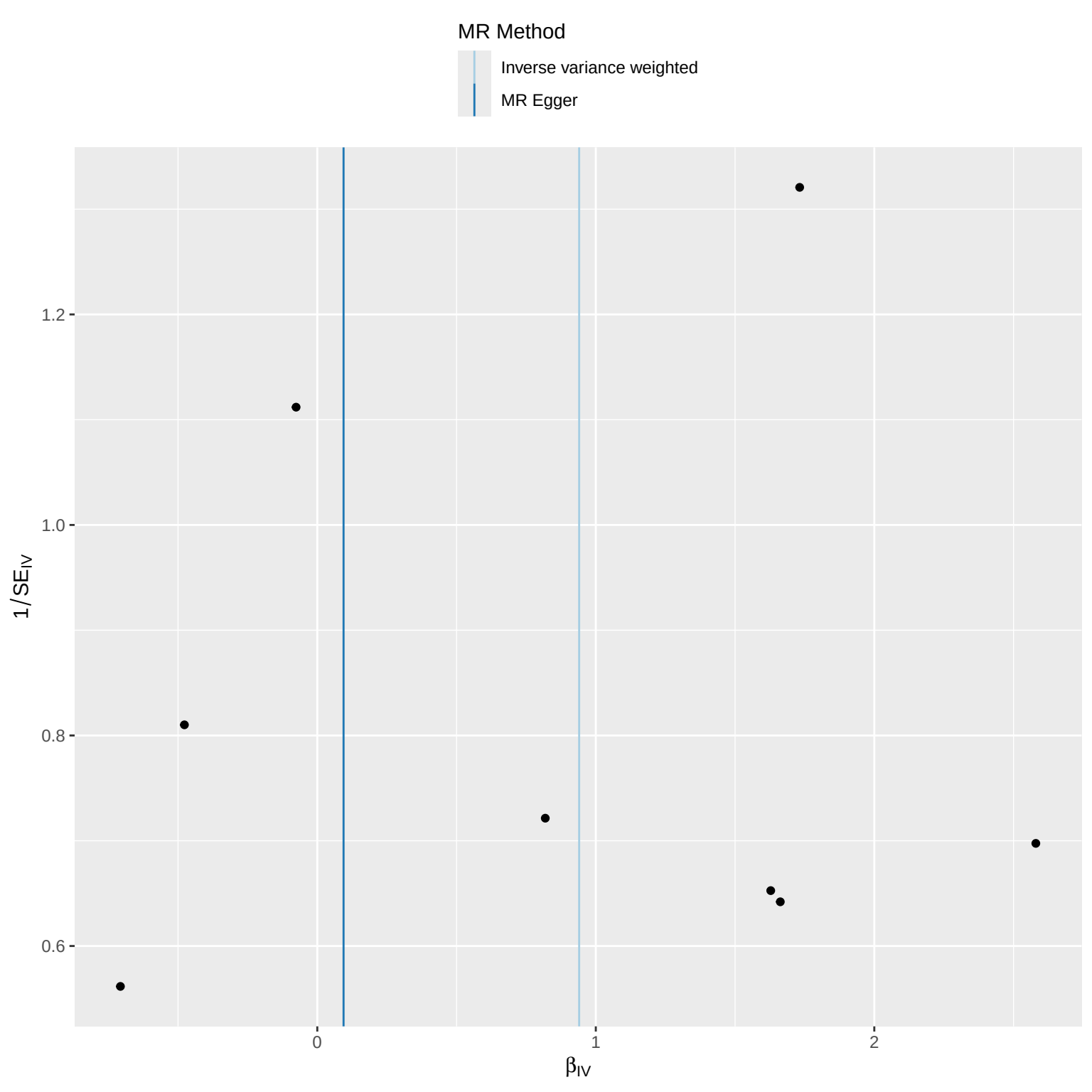

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

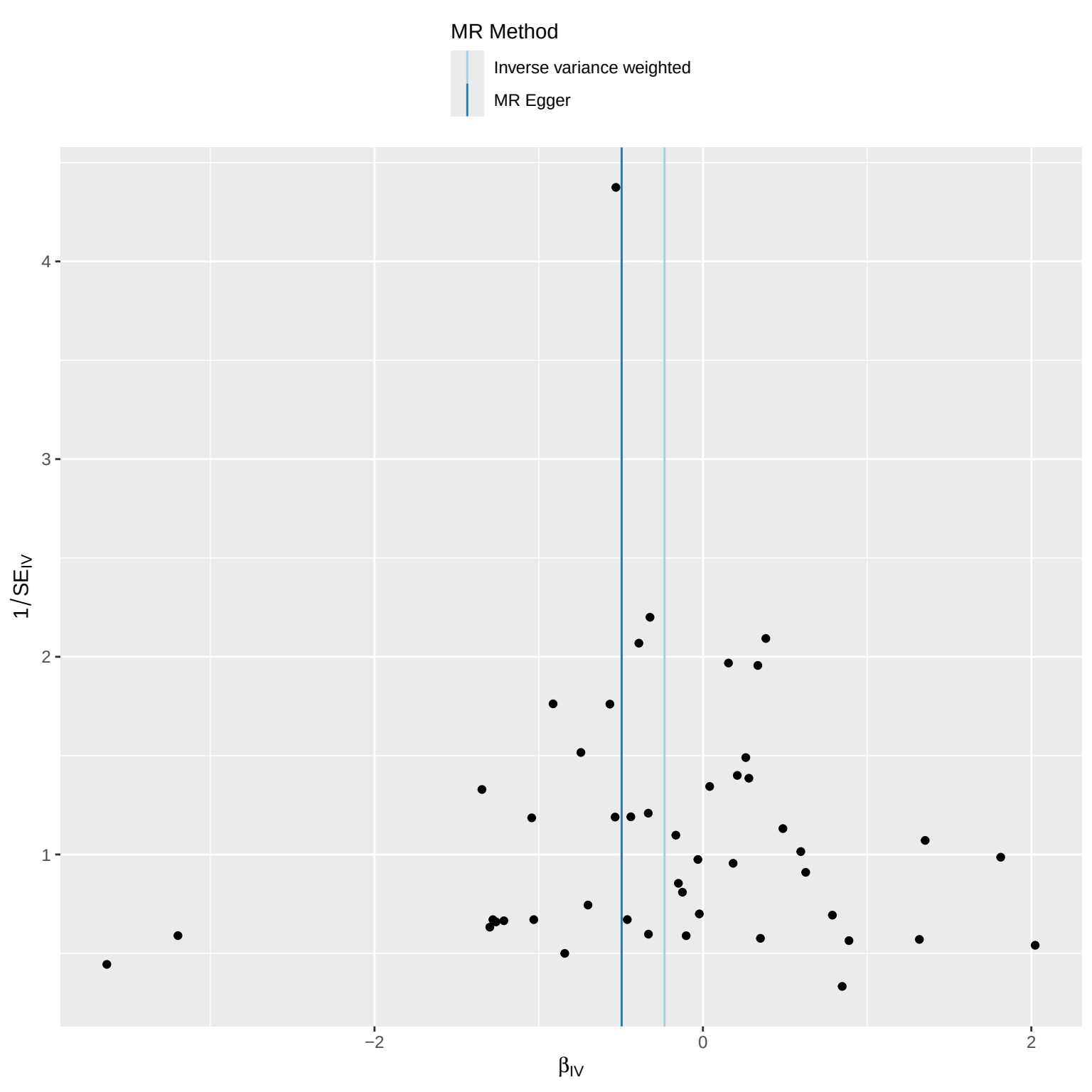

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
−4
−3
−2
−1
0
β_IV

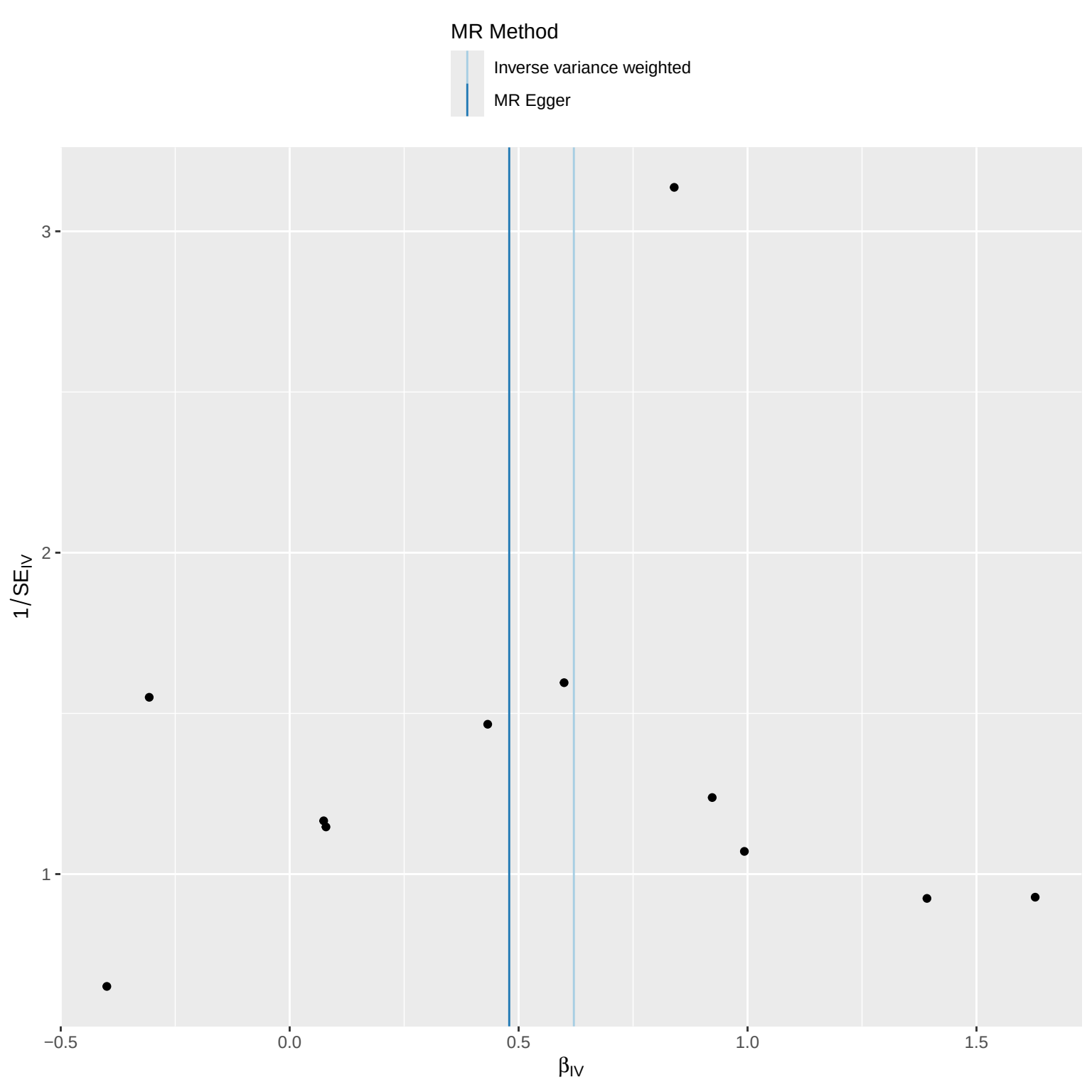

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

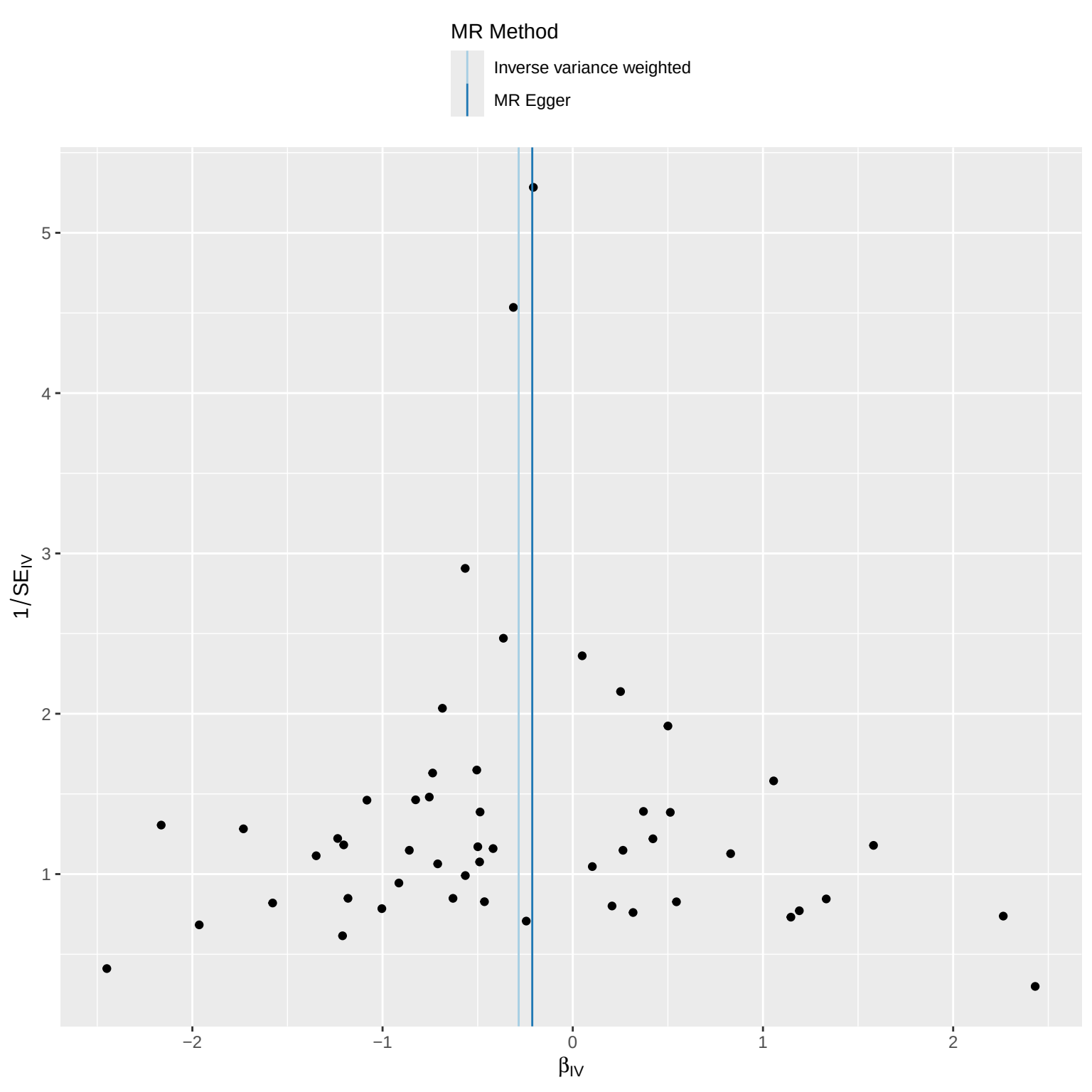

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

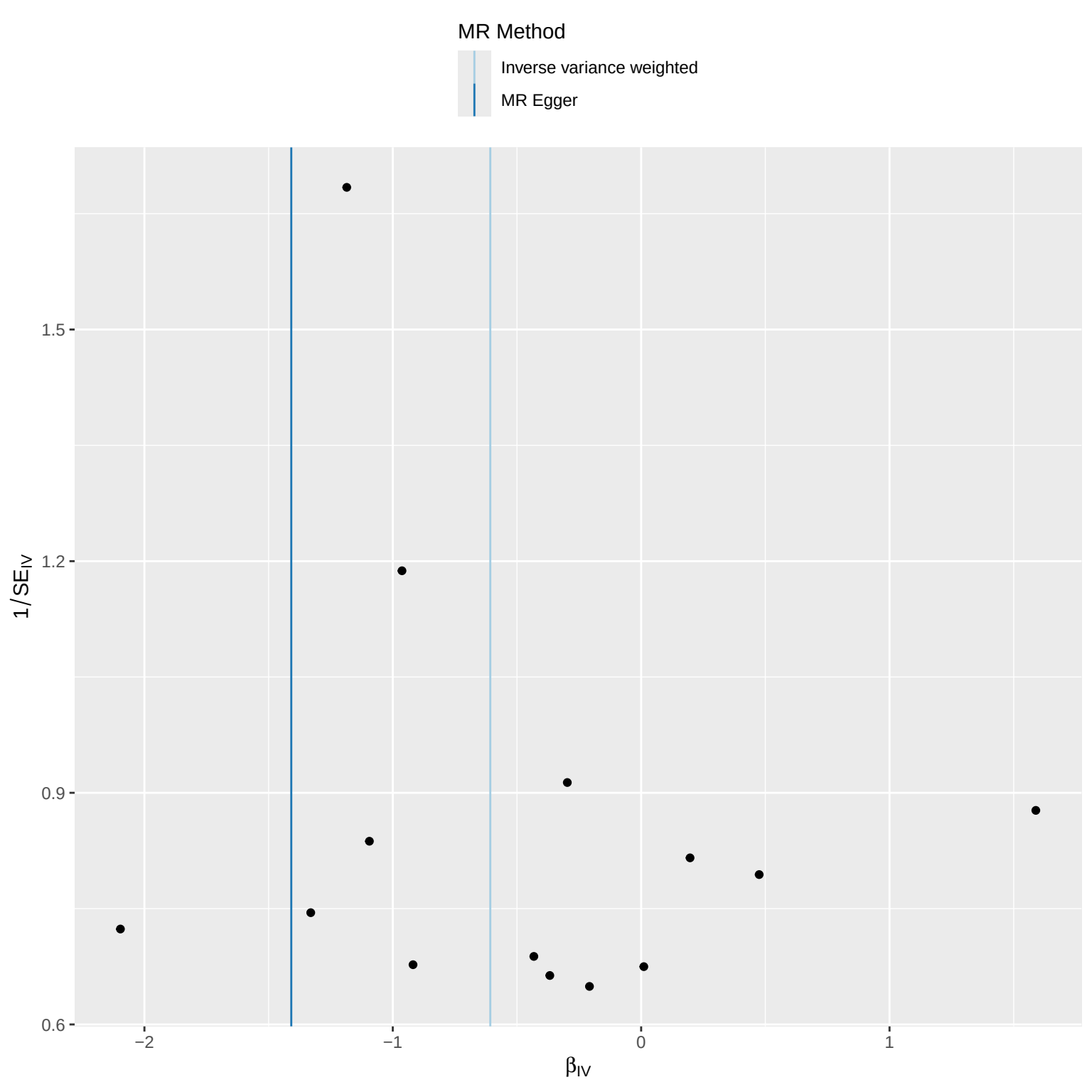

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

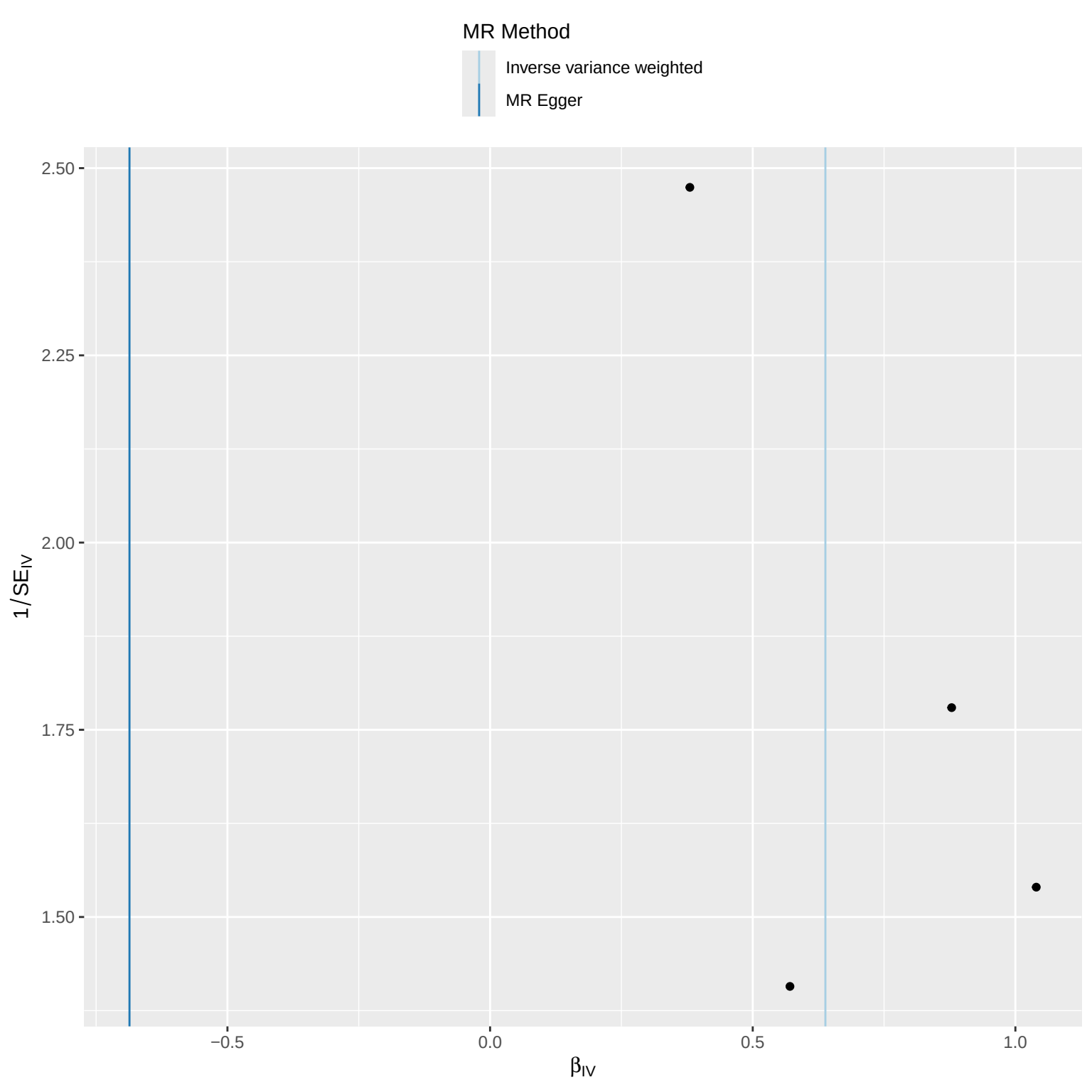

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
β_IV

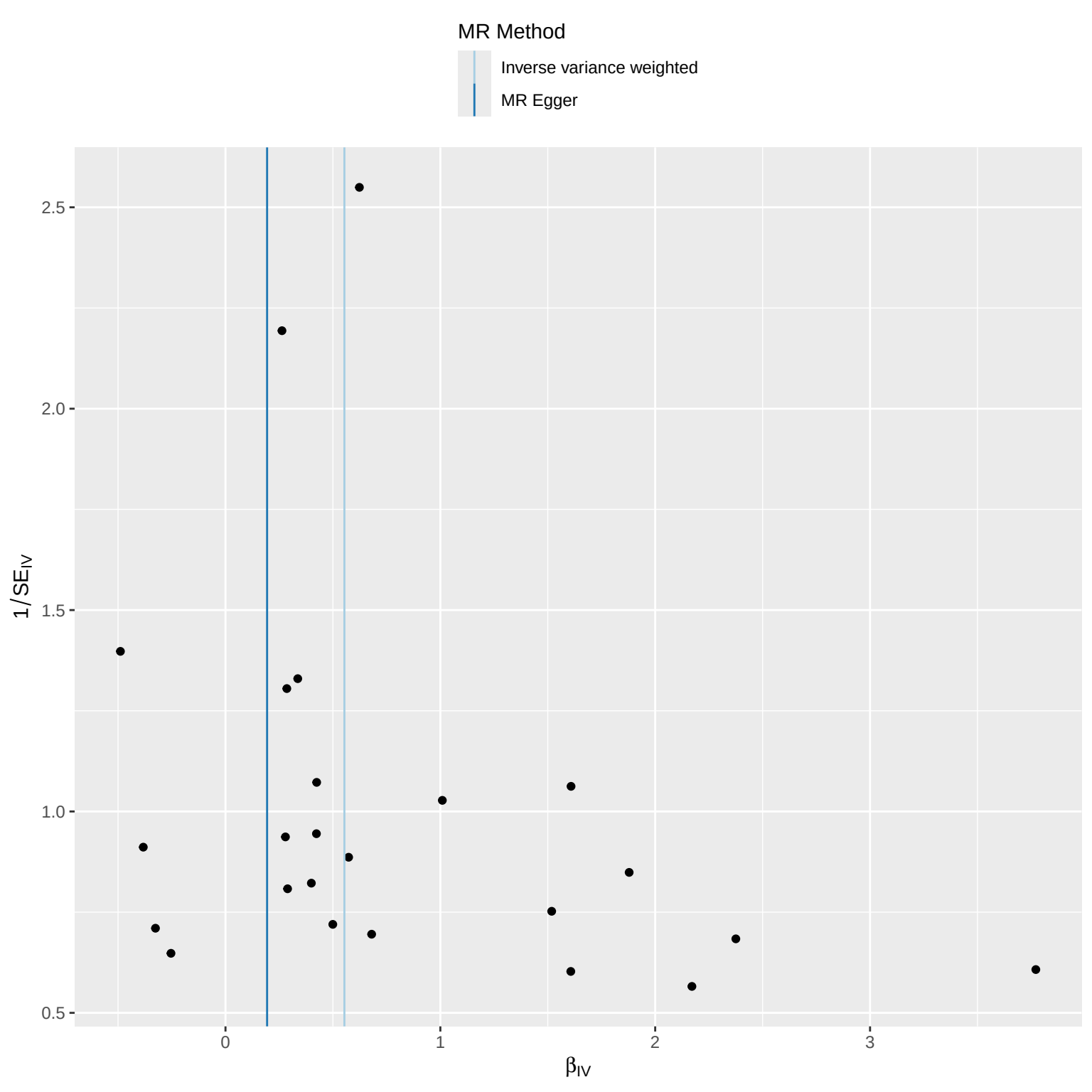

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

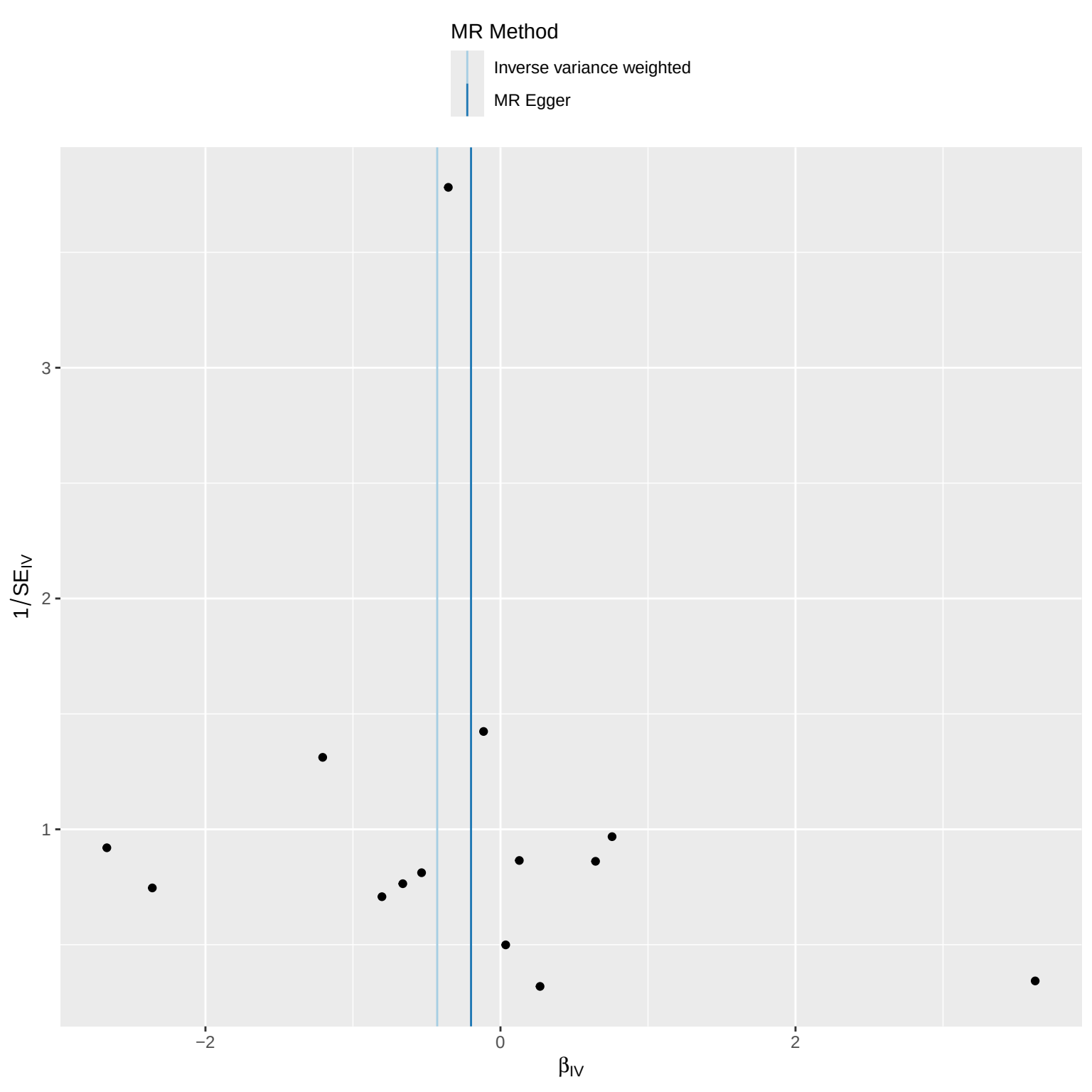

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

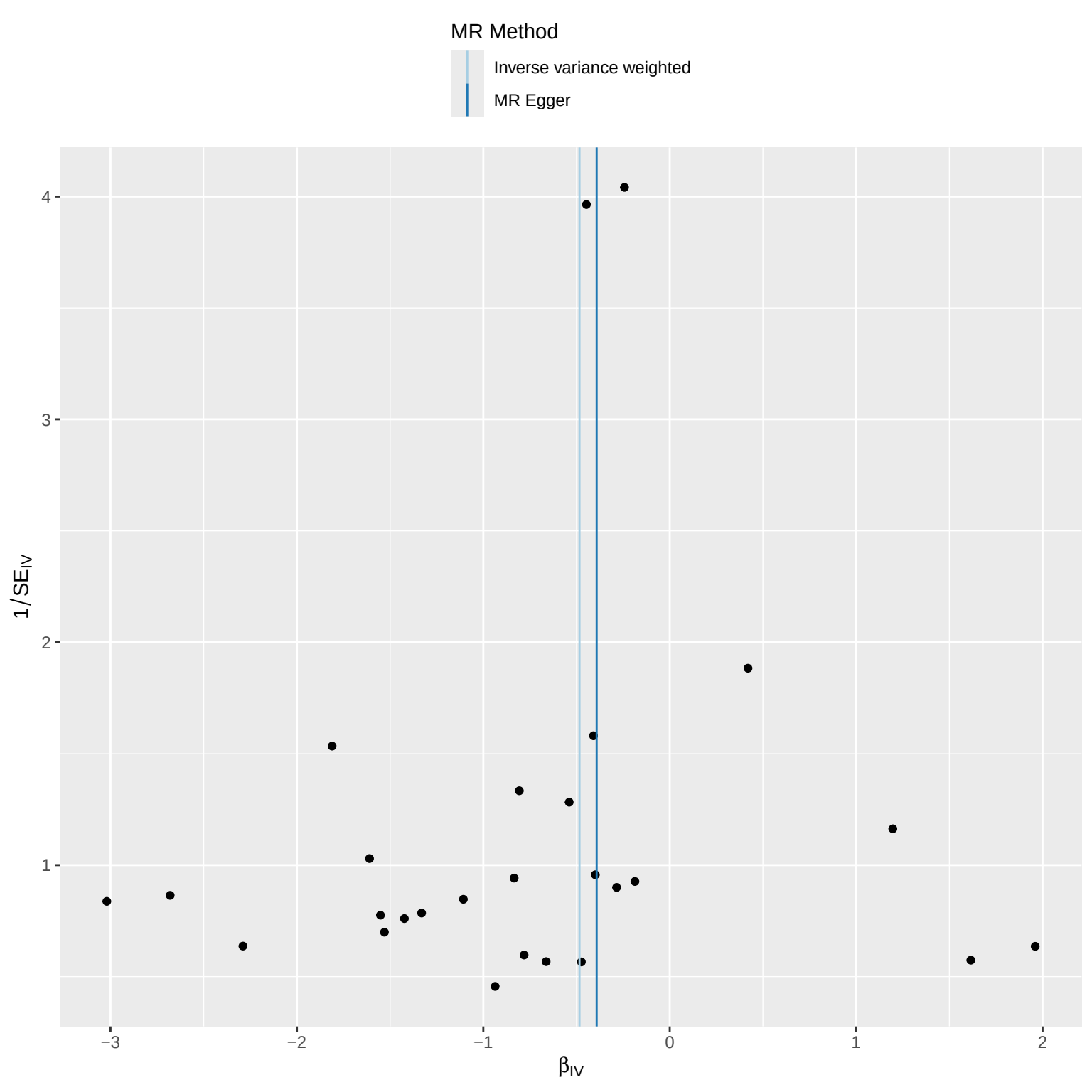

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

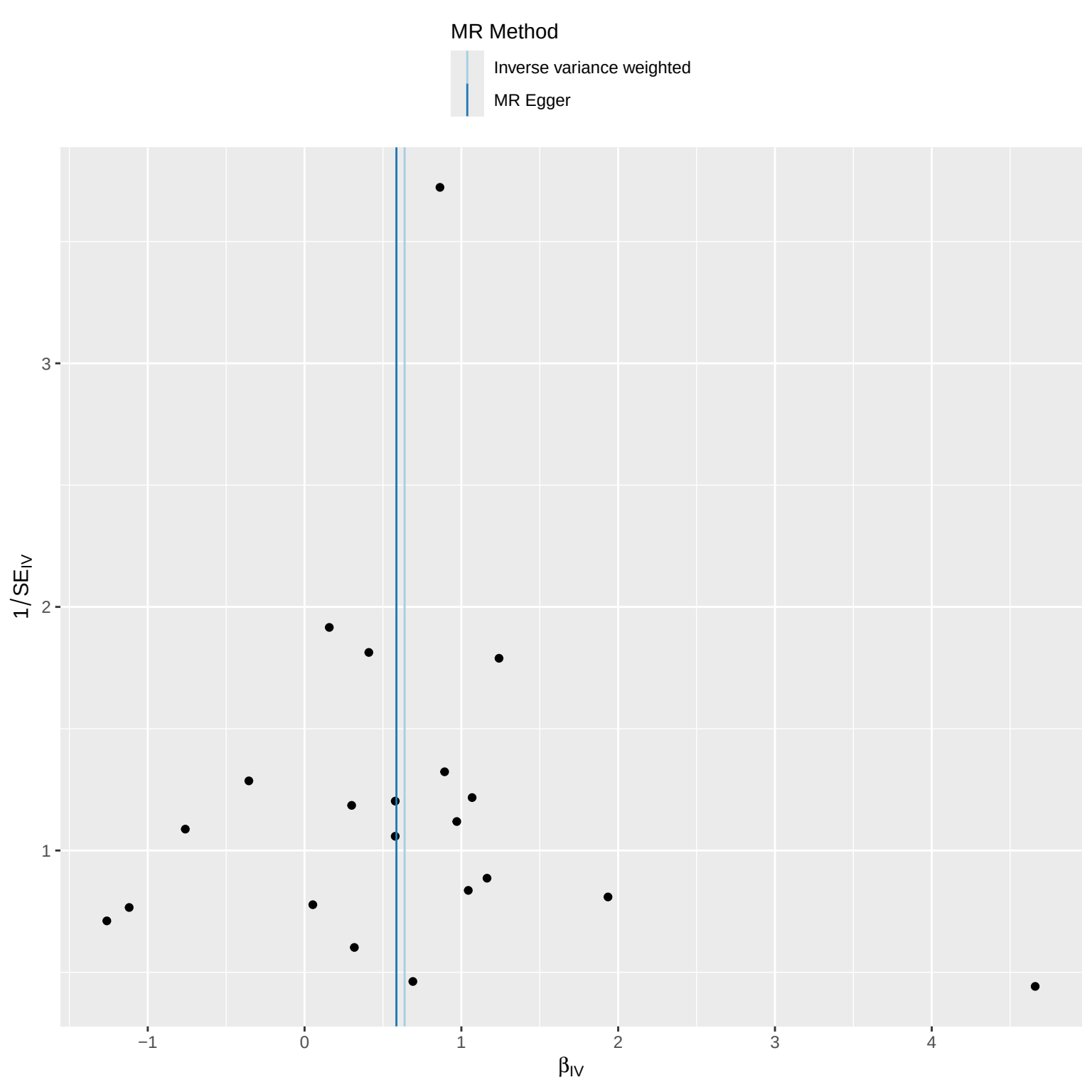

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
β_IV

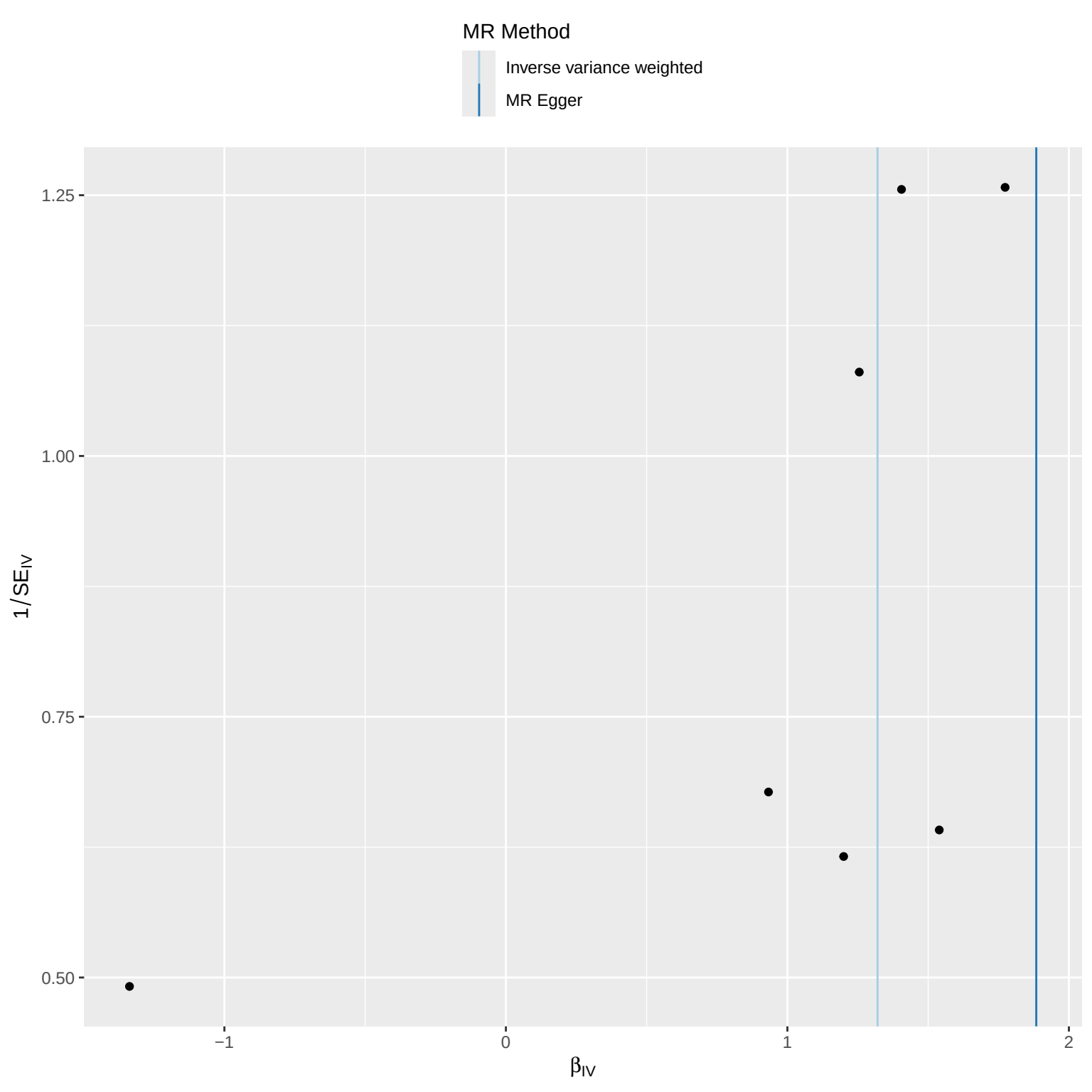

MR Method
Inverse variance weighted
MR Egger
2.50
2.25
2.00
1.75
1.50
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

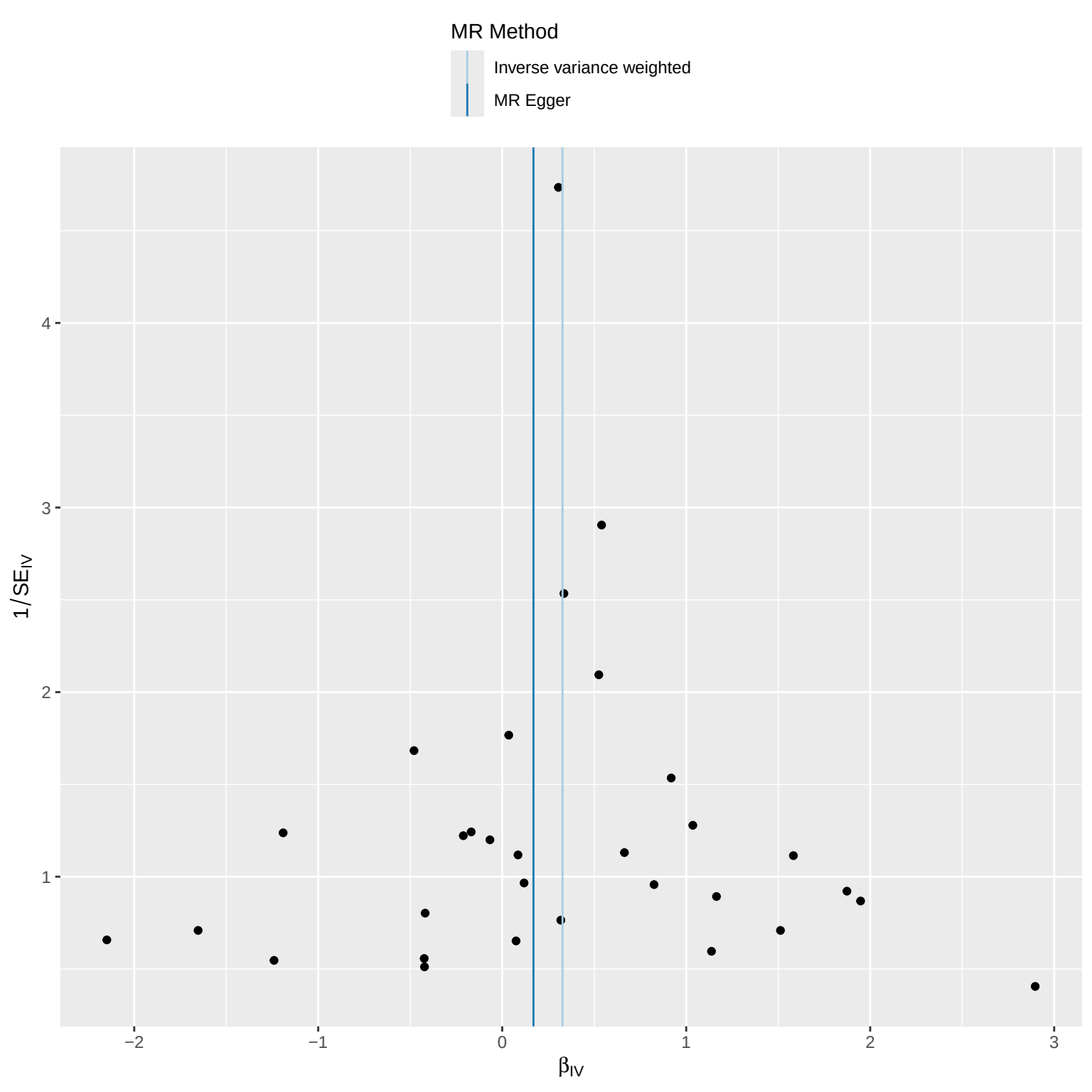

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

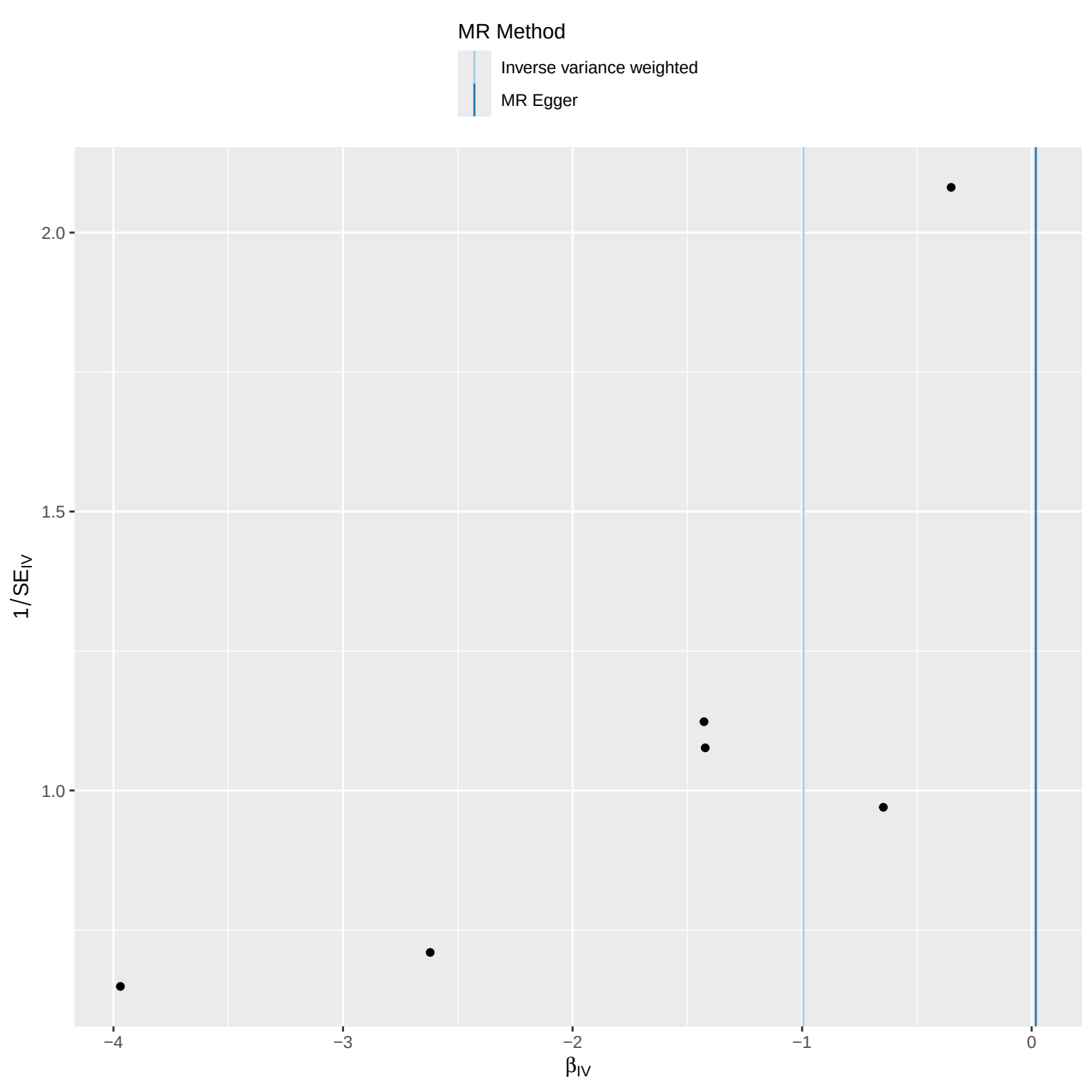

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

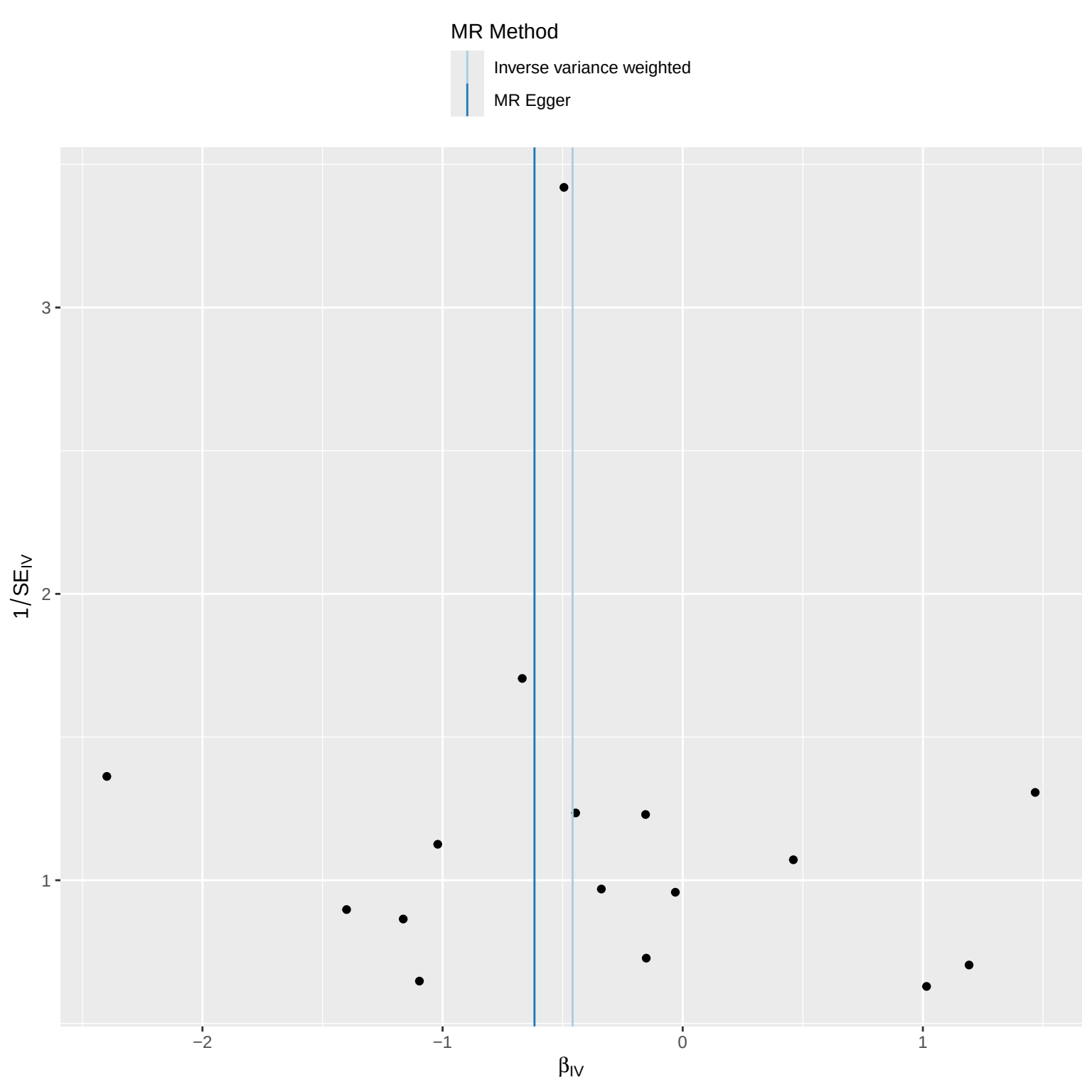

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

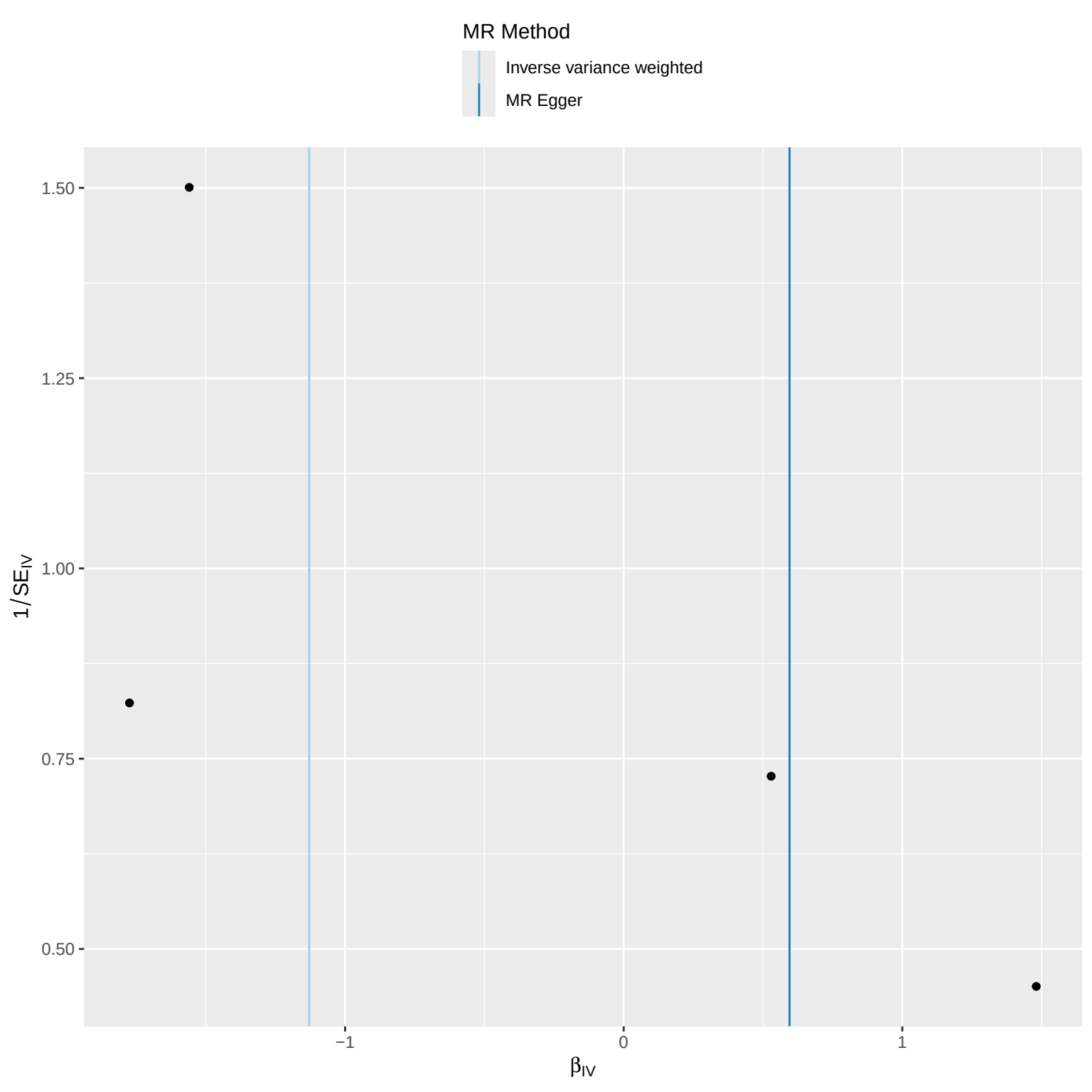

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−1
0
1
2
3
4
β_IV

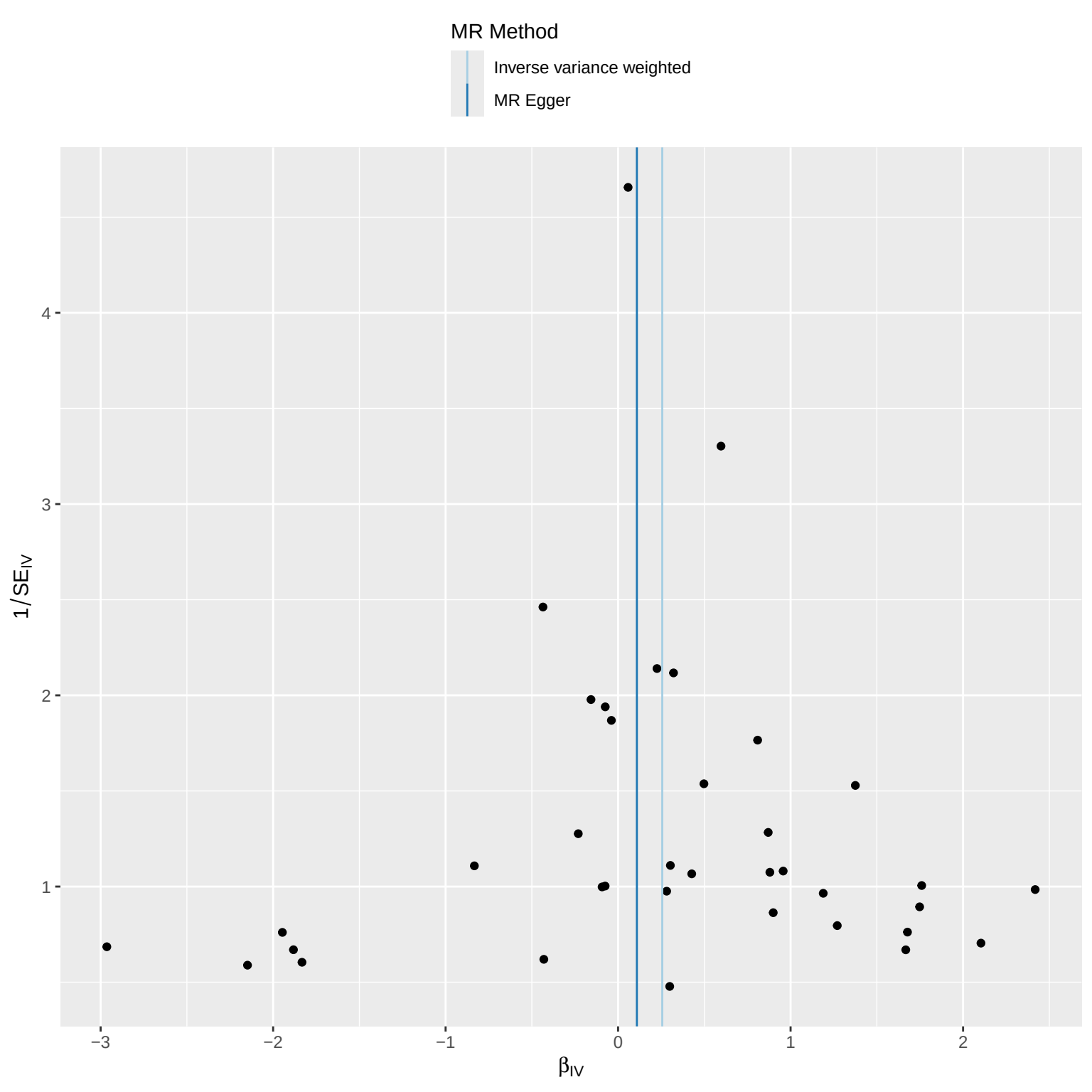

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
β_IV

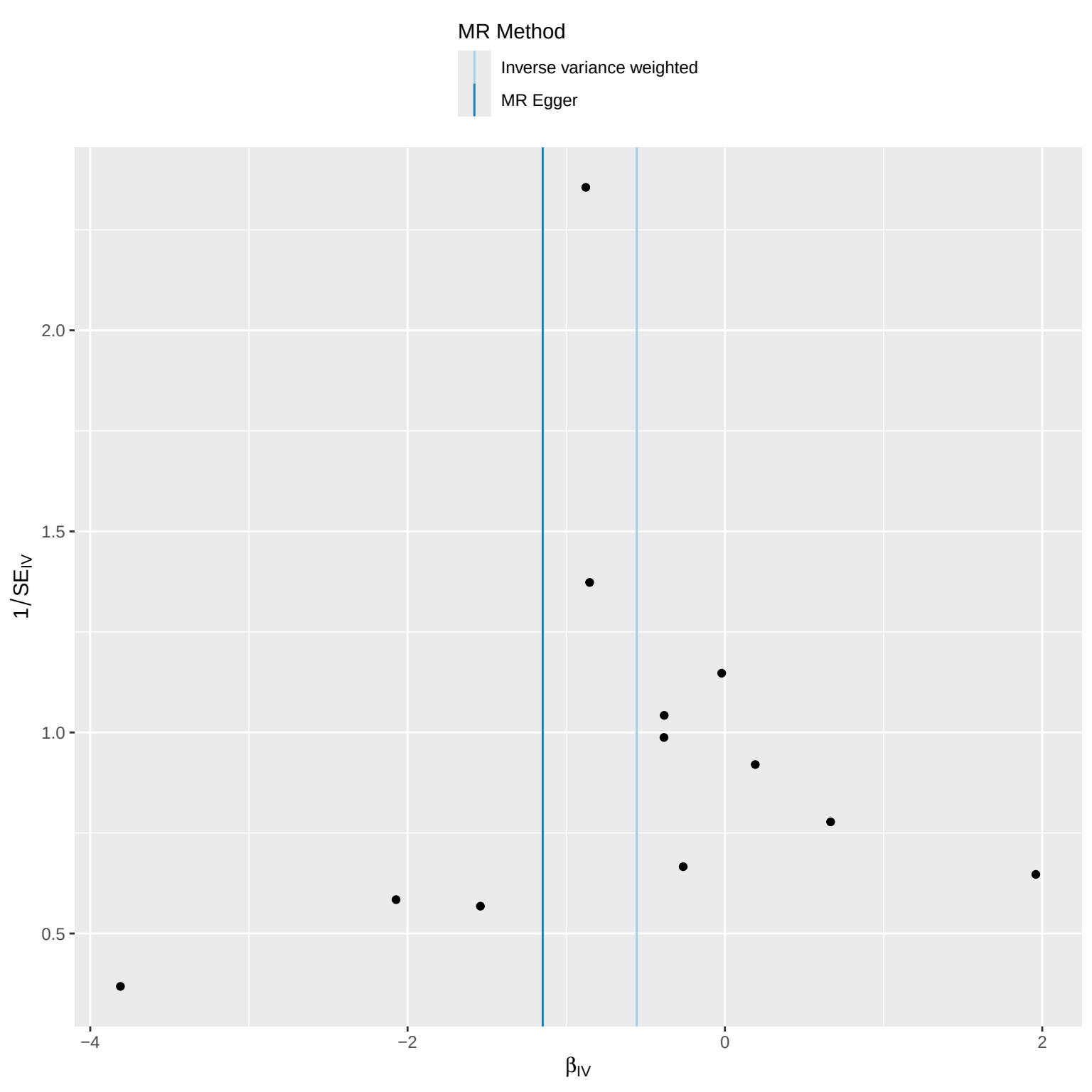

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

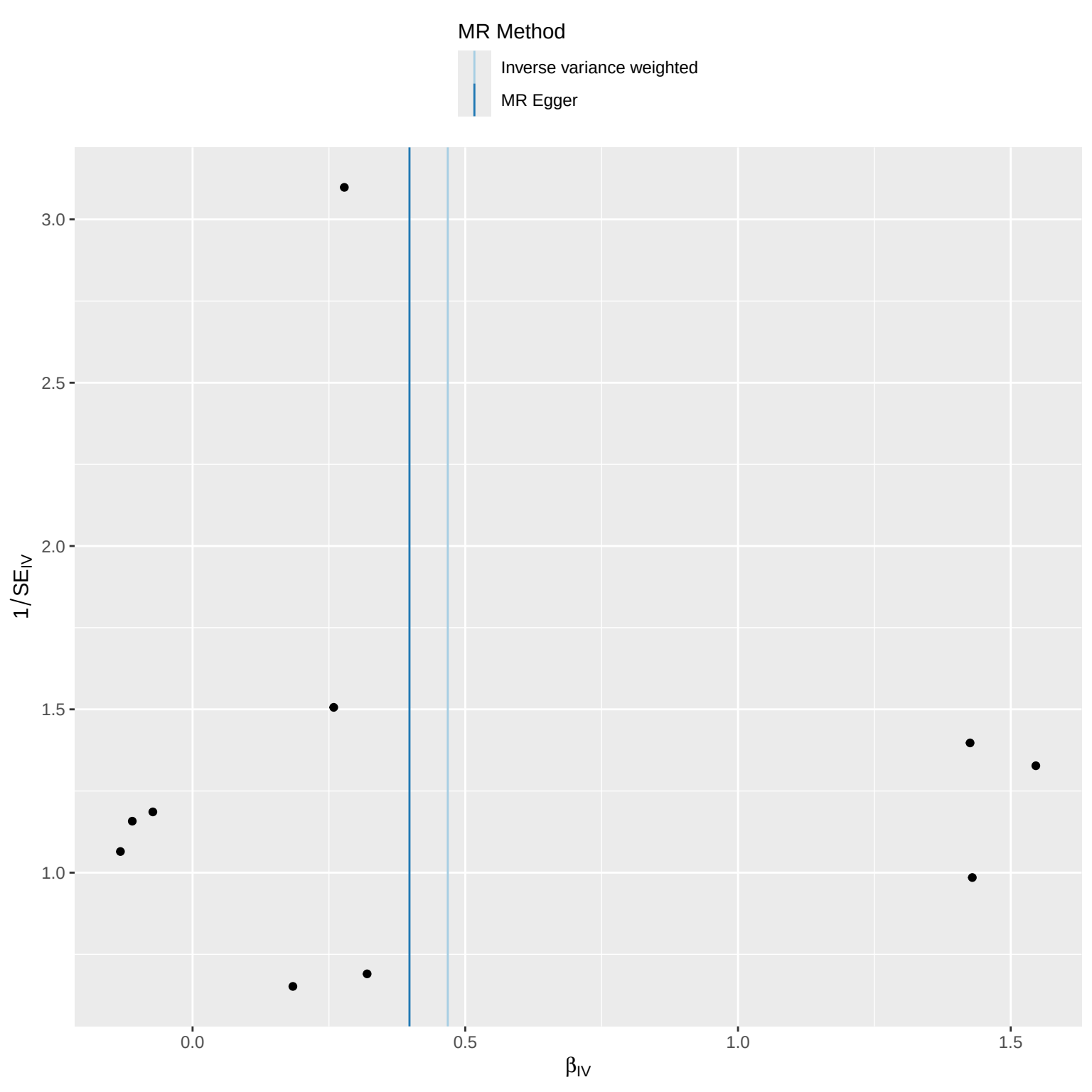

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−4
−3
−2
−1
0
β_IV

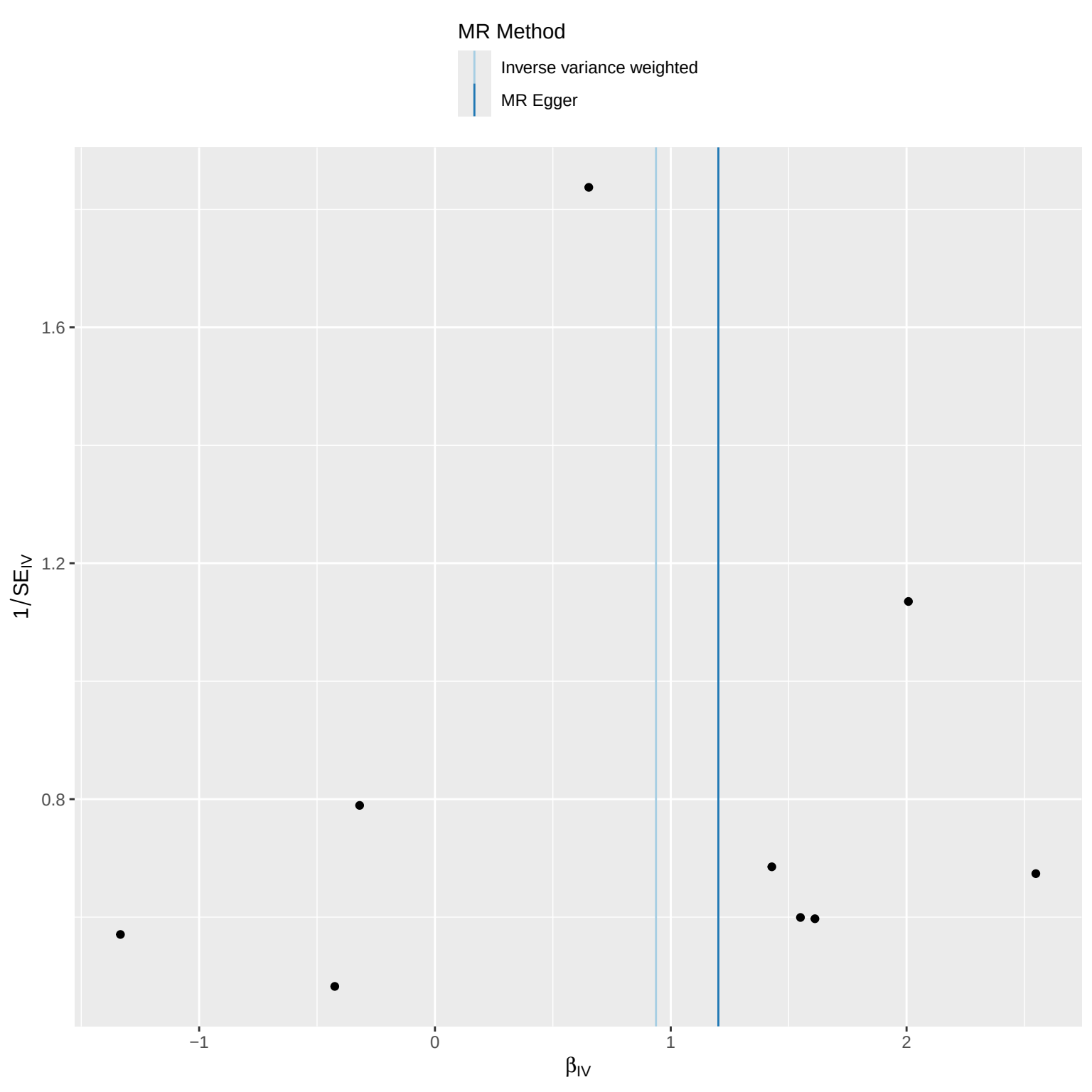

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

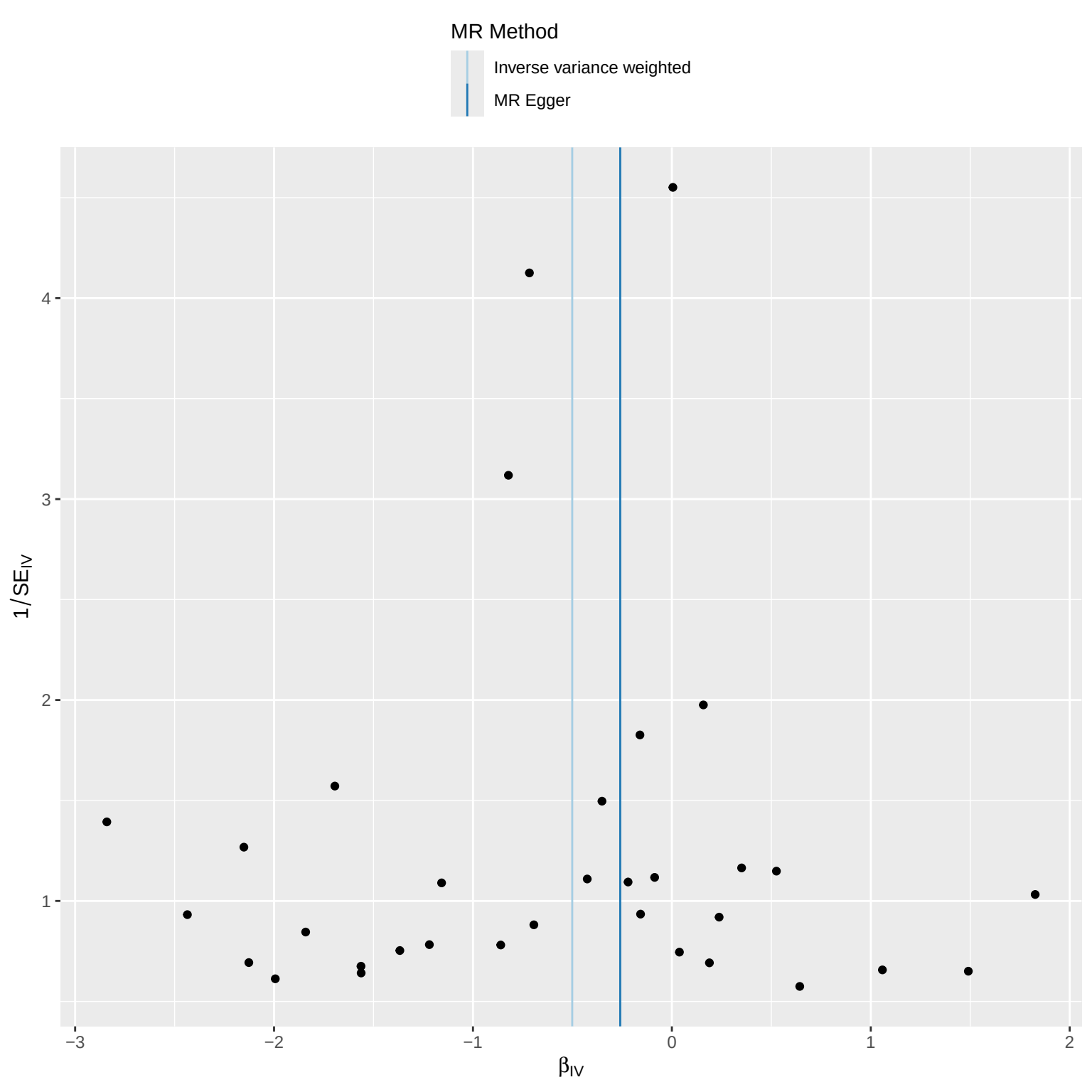

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
β_IV

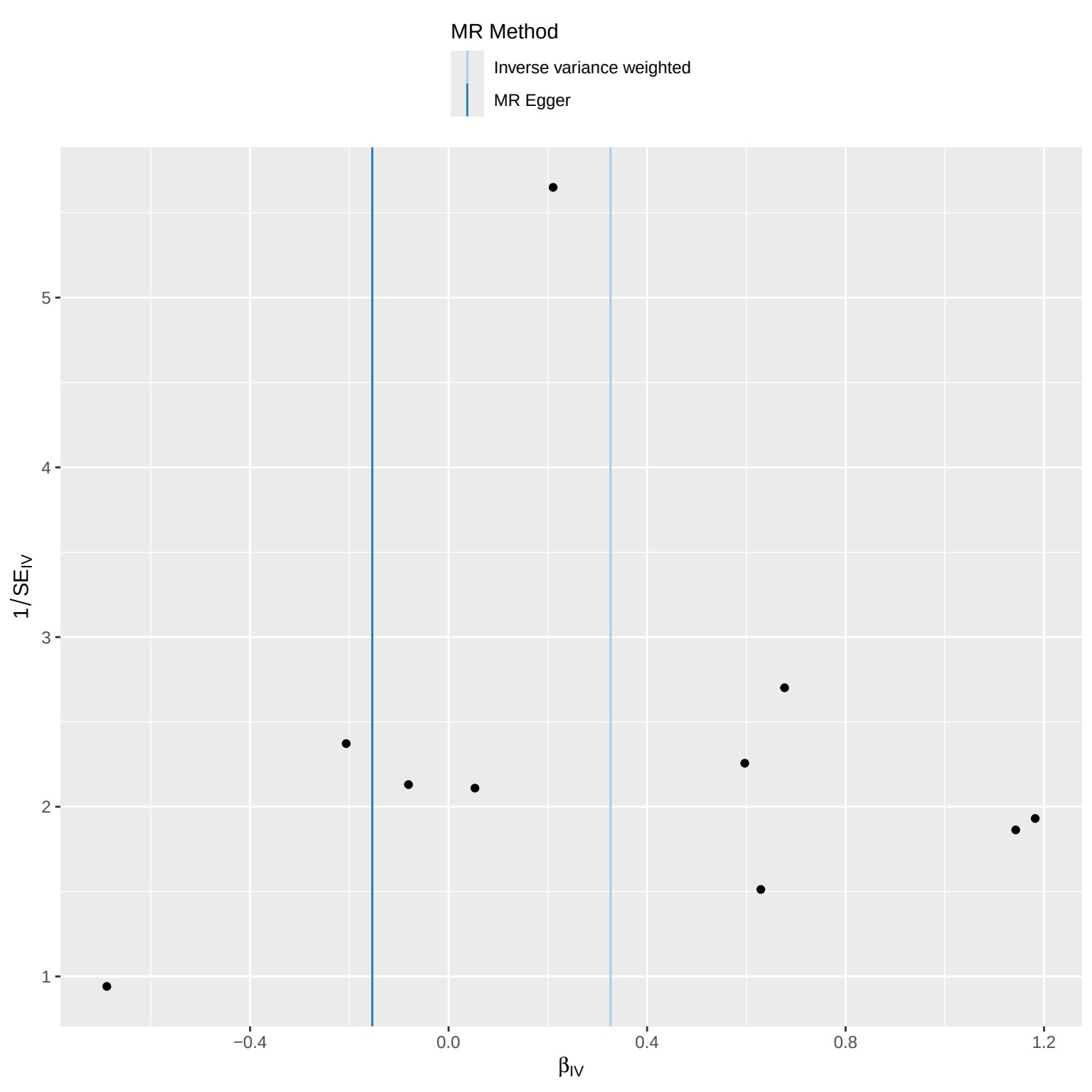

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−3
−2
−1
0
1
2

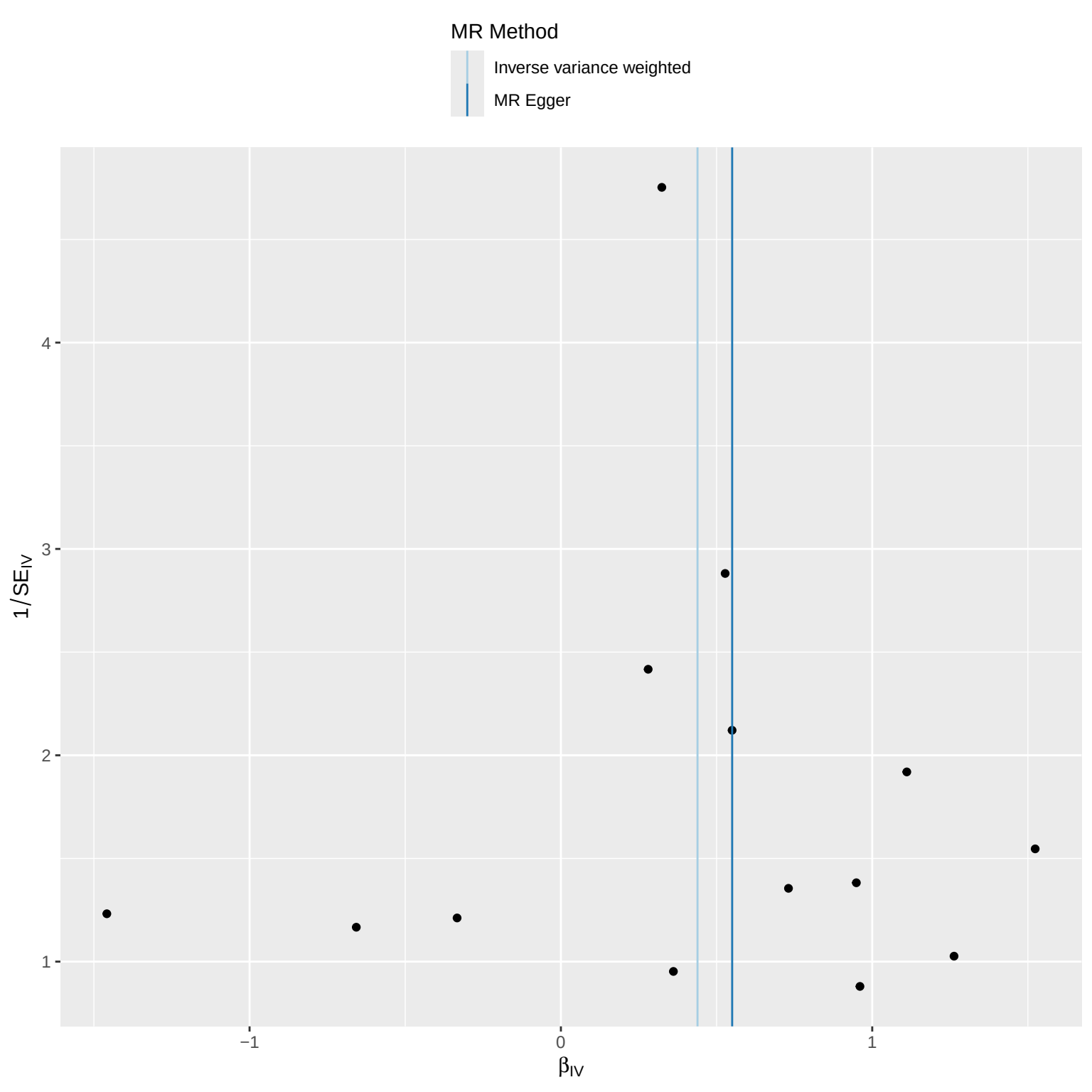

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

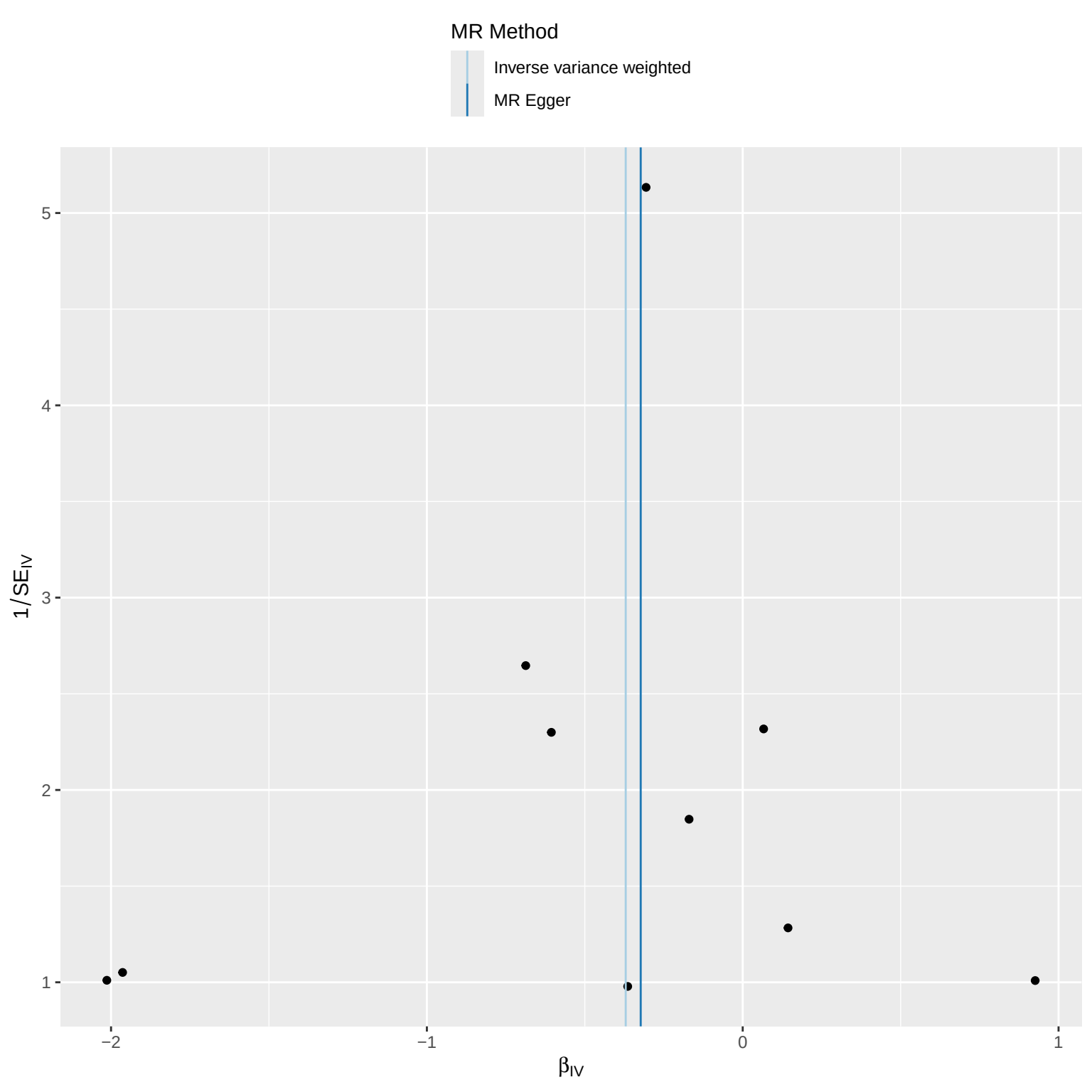

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

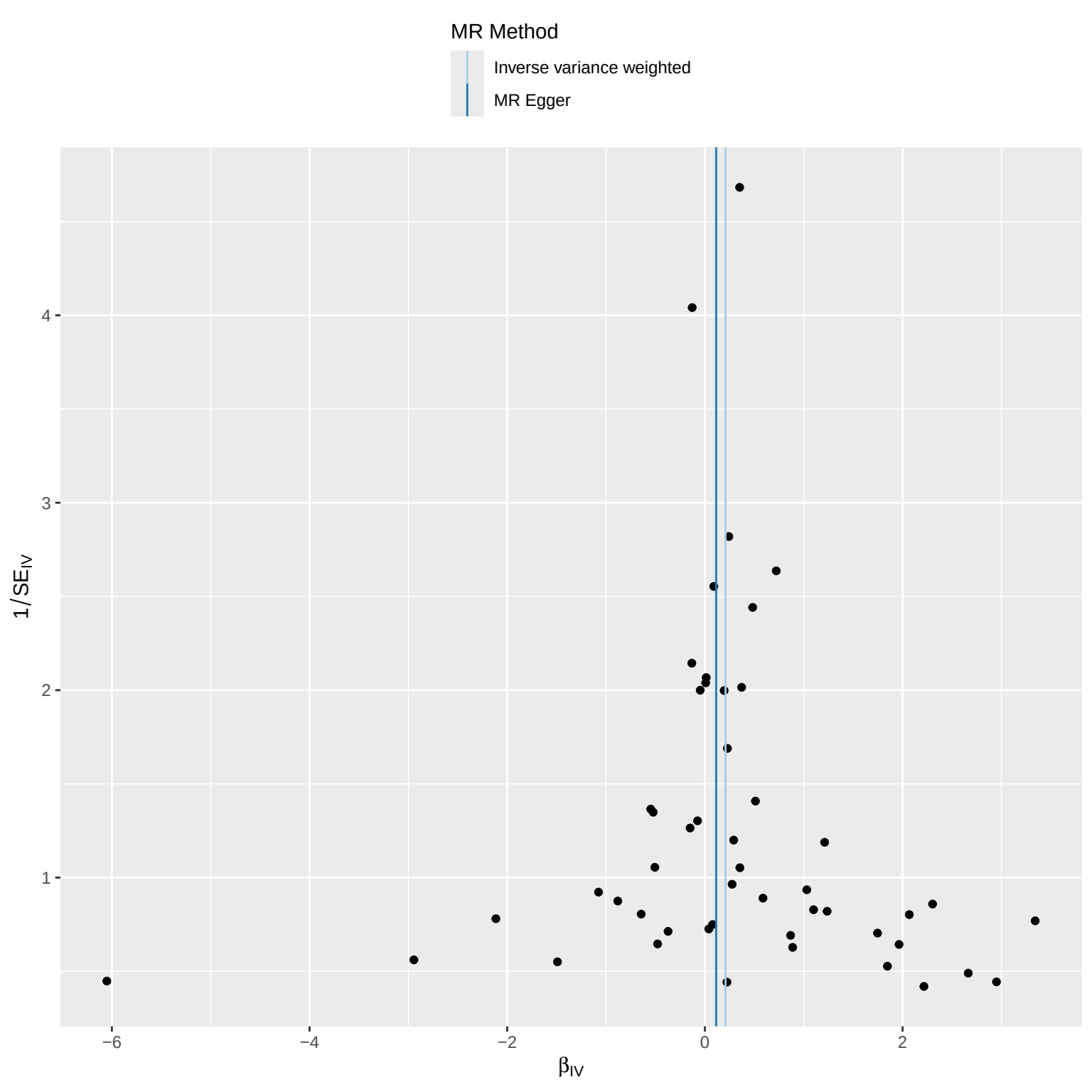

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−1
0
1
2
β_IV

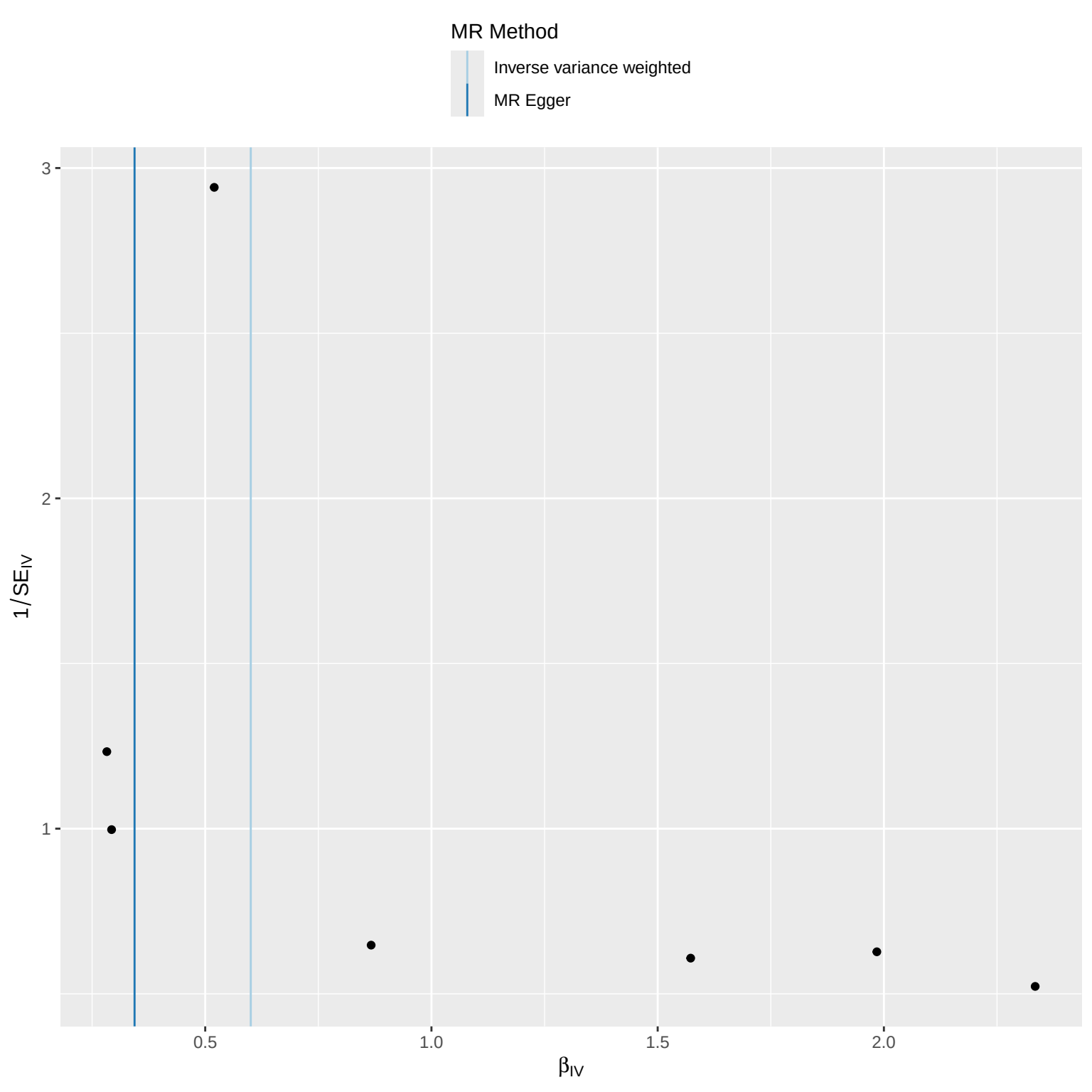

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−3
−2
−1
0
1
2

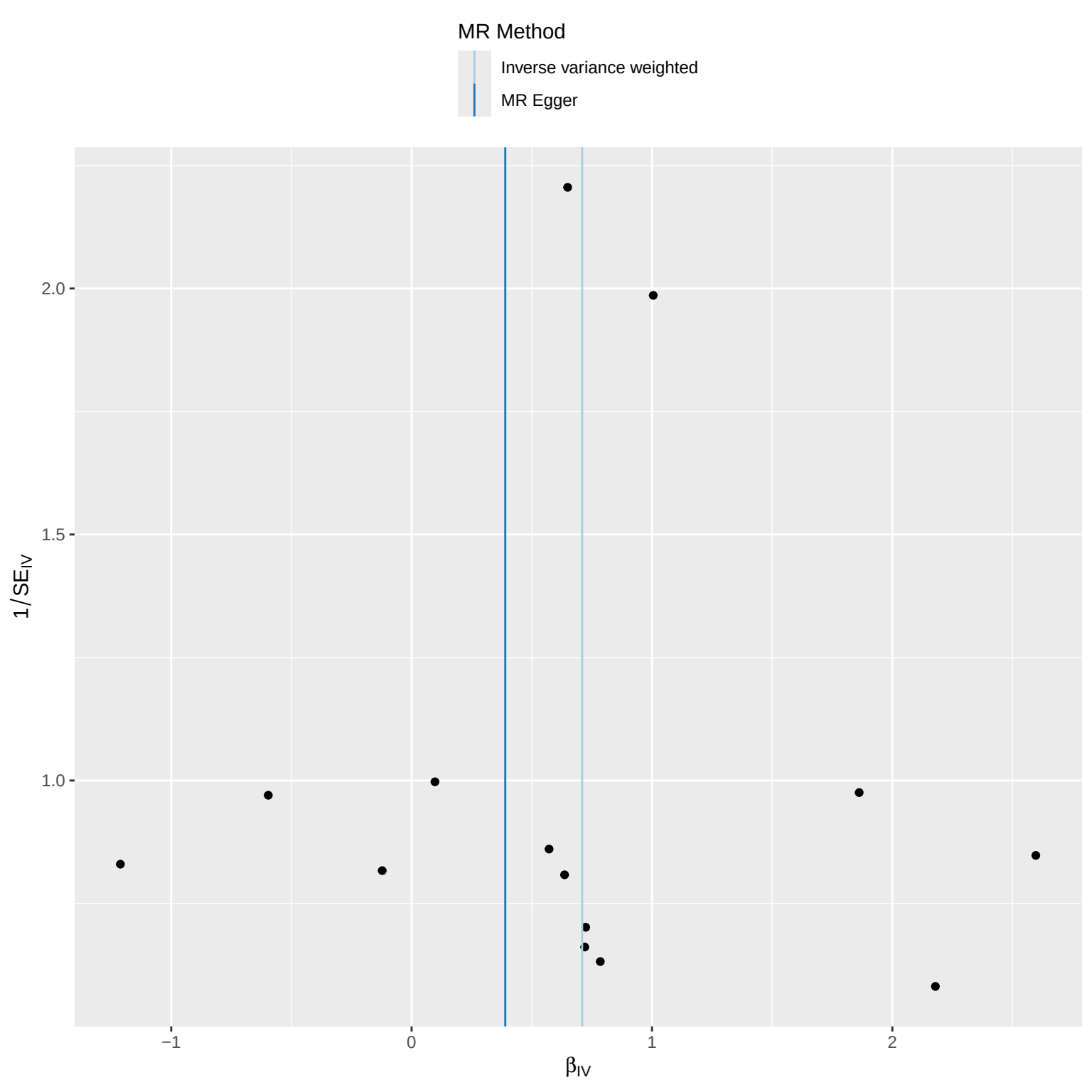

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−0.4
0.0
0.4
0.8
1.2
β_IV

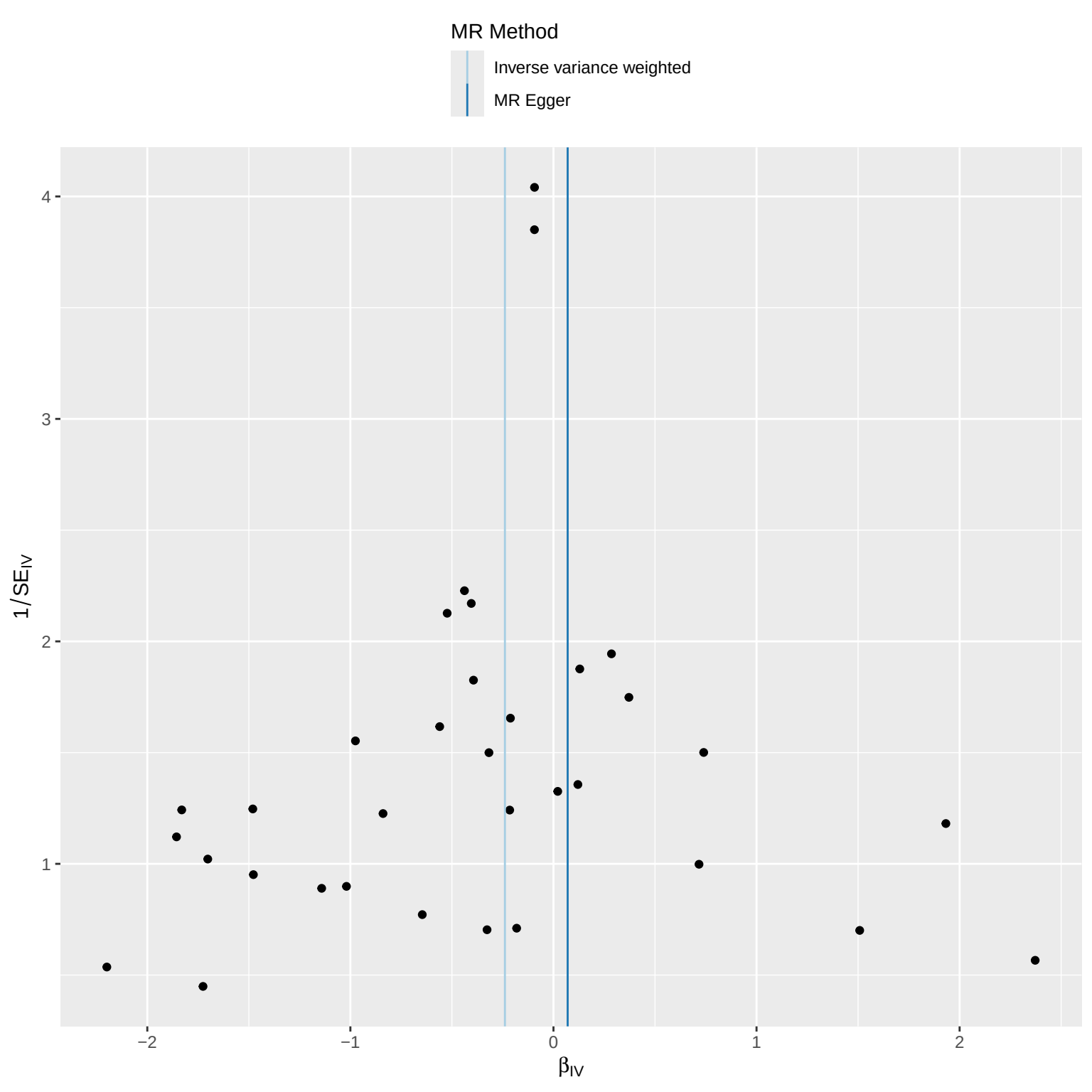

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

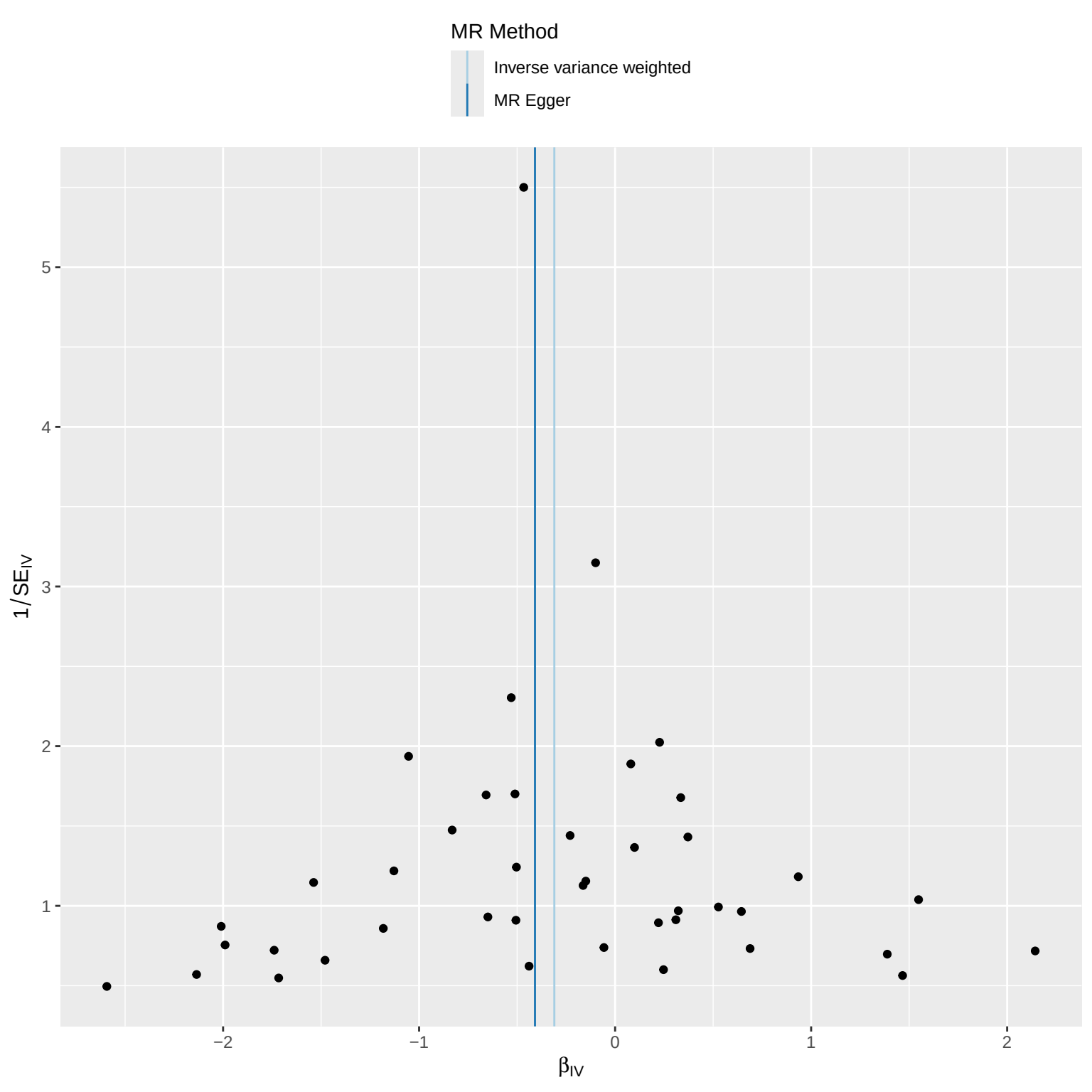

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

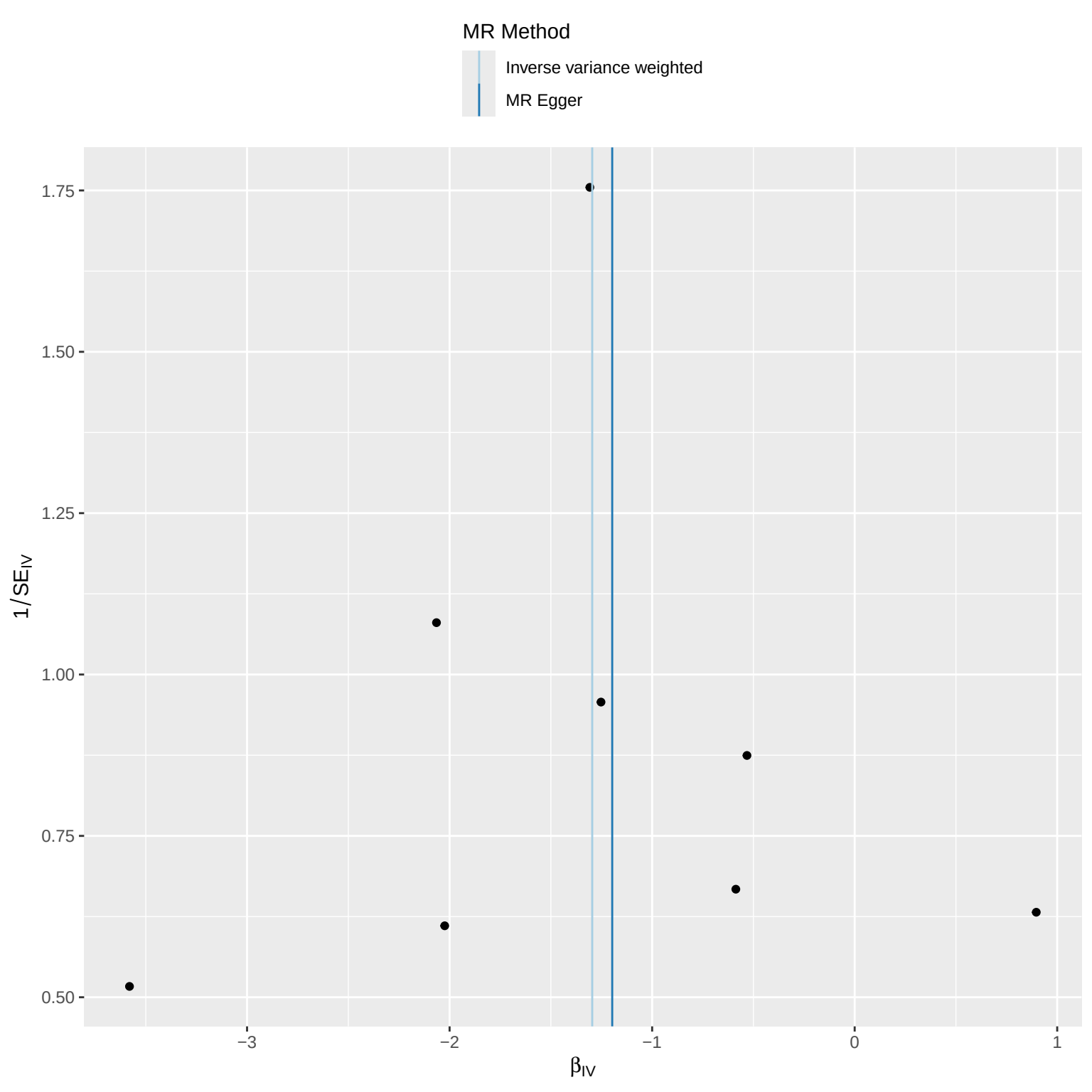

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

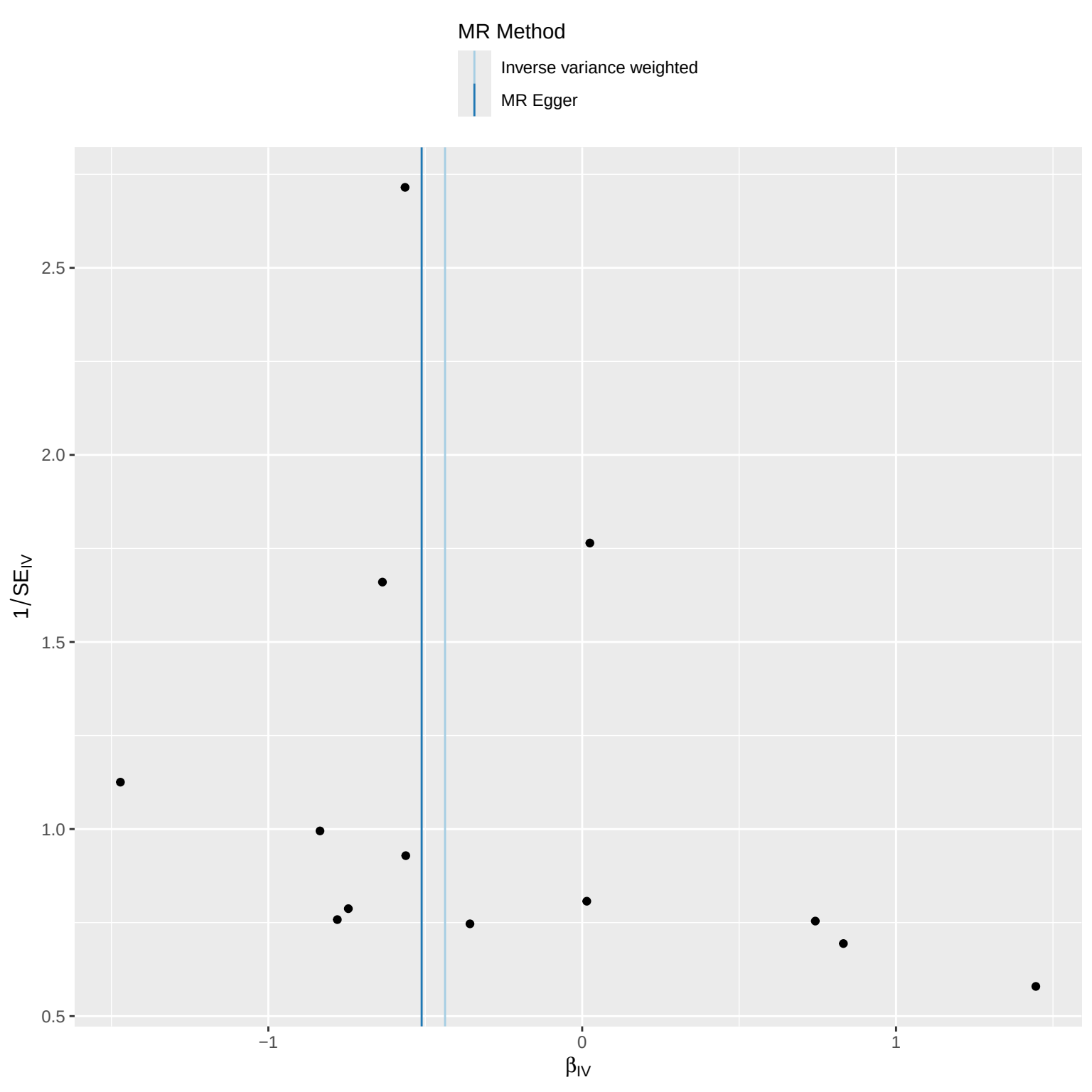

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

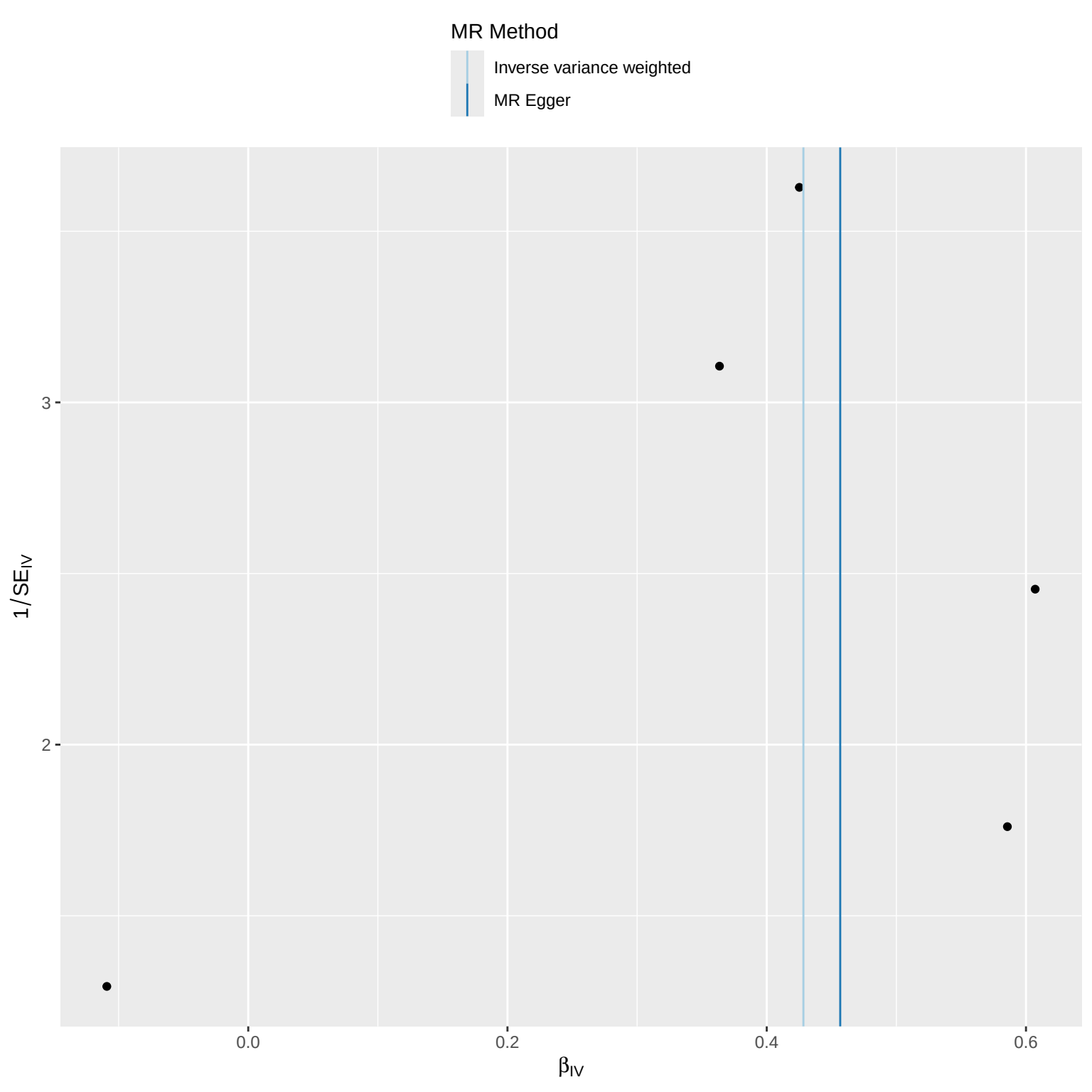

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

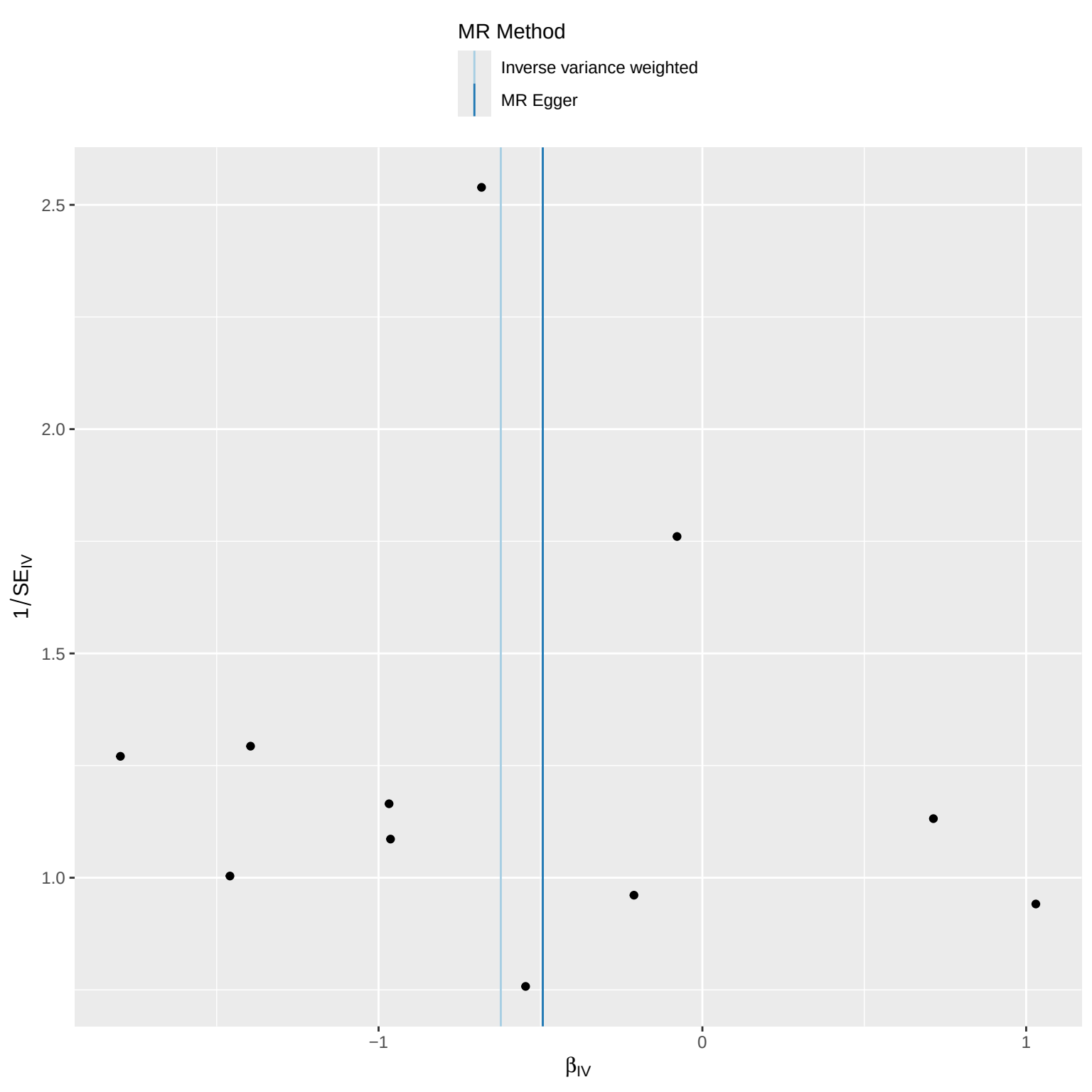

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

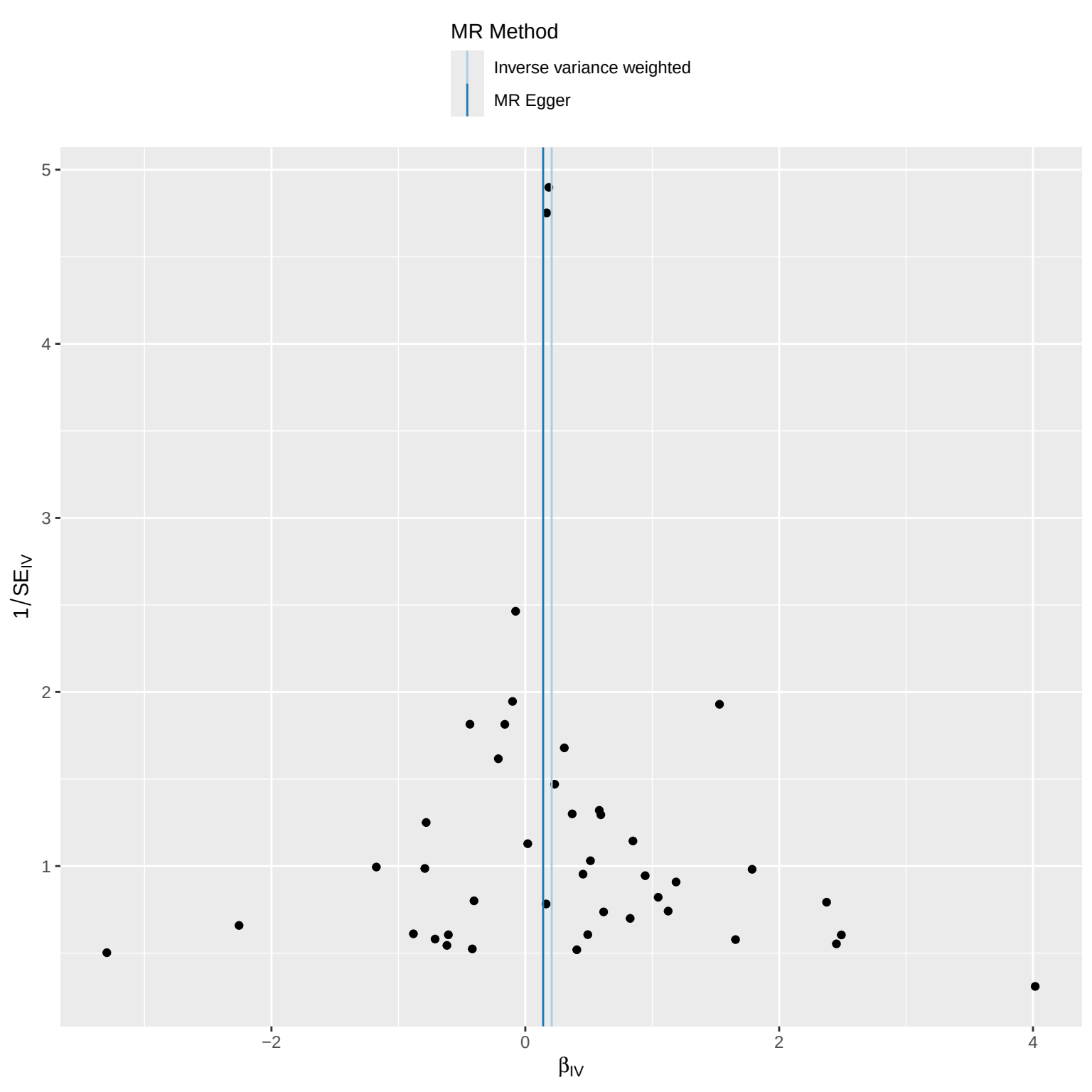

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

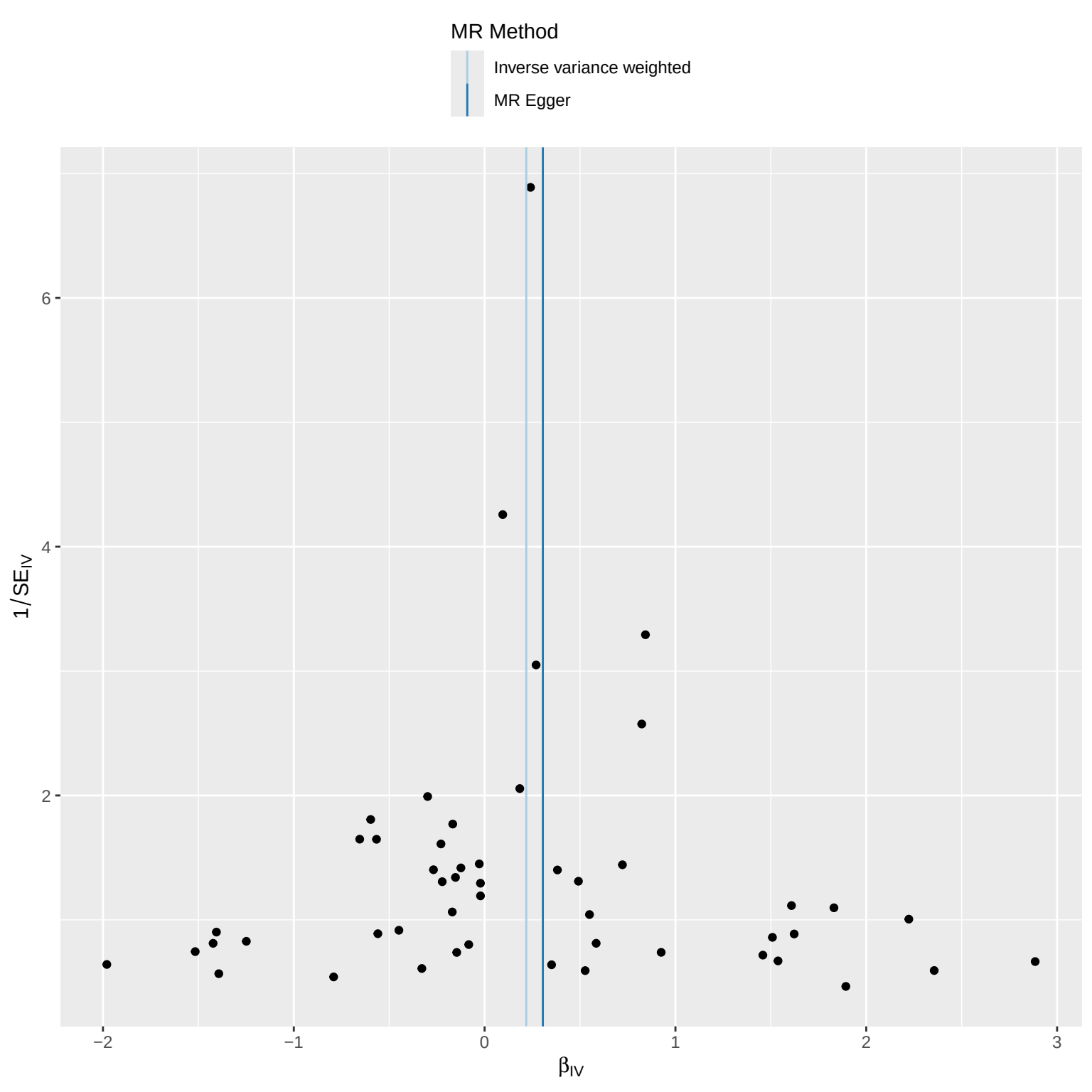

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

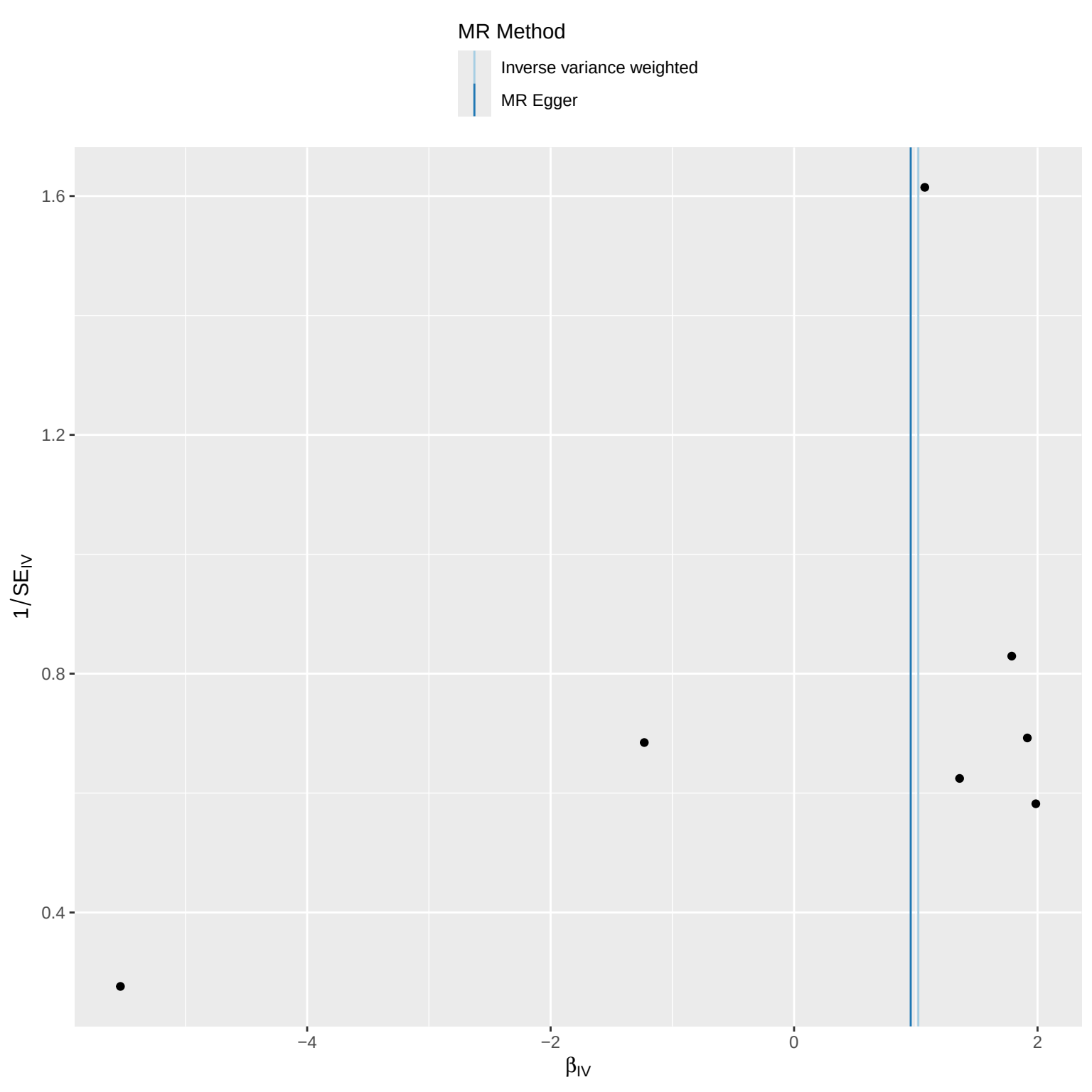

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
β_IV

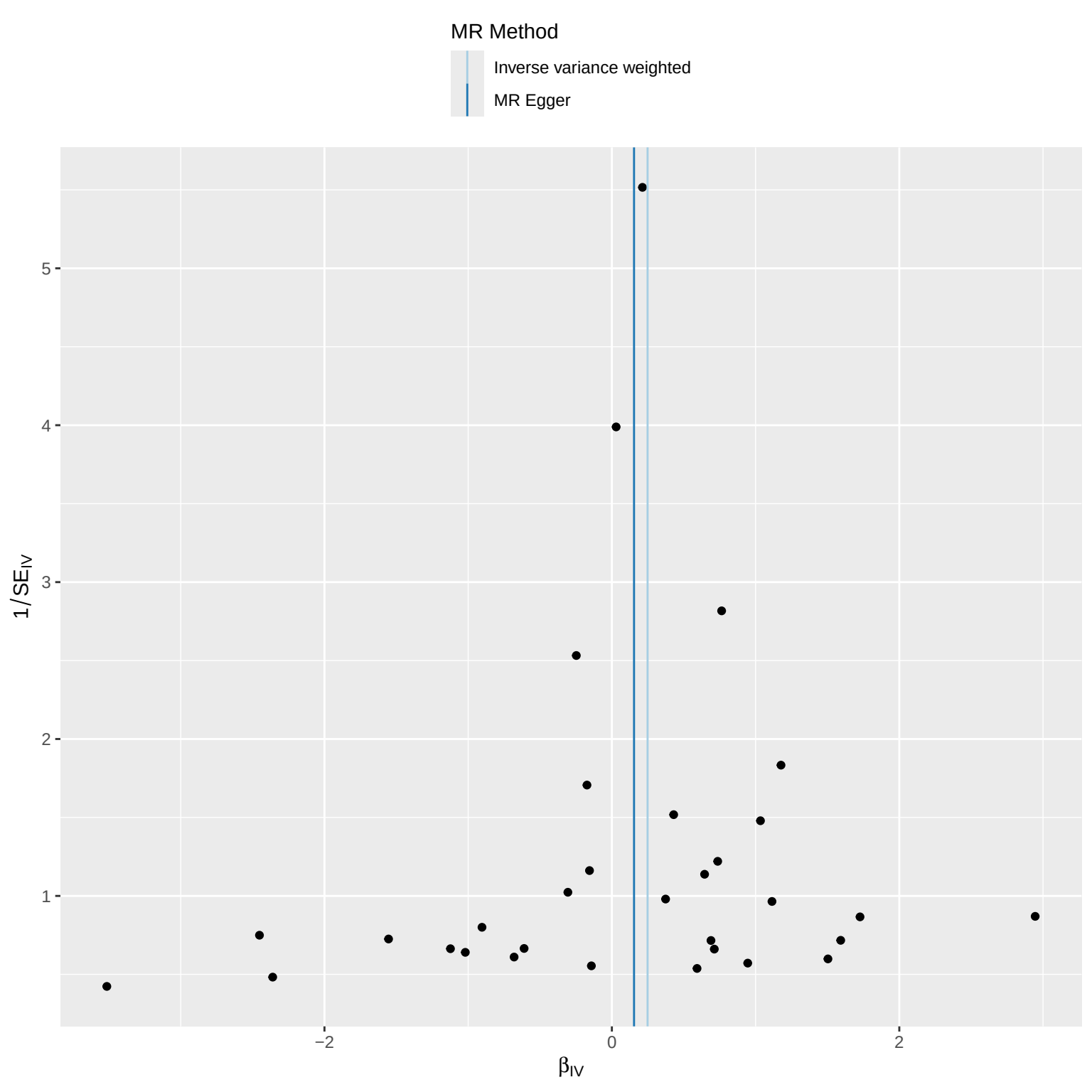

MR Method
Inverse variance weighted
MR Egger
3
2
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

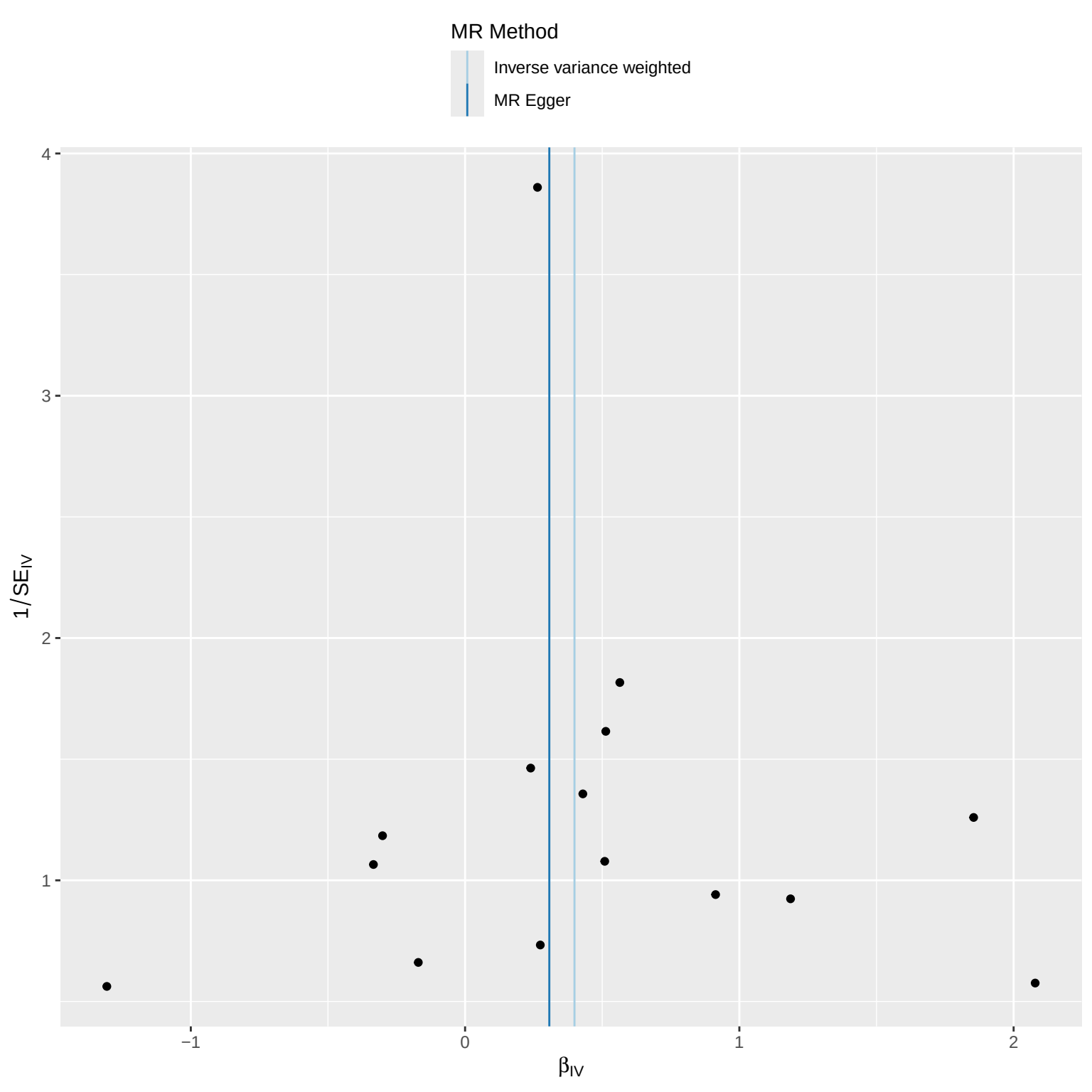

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

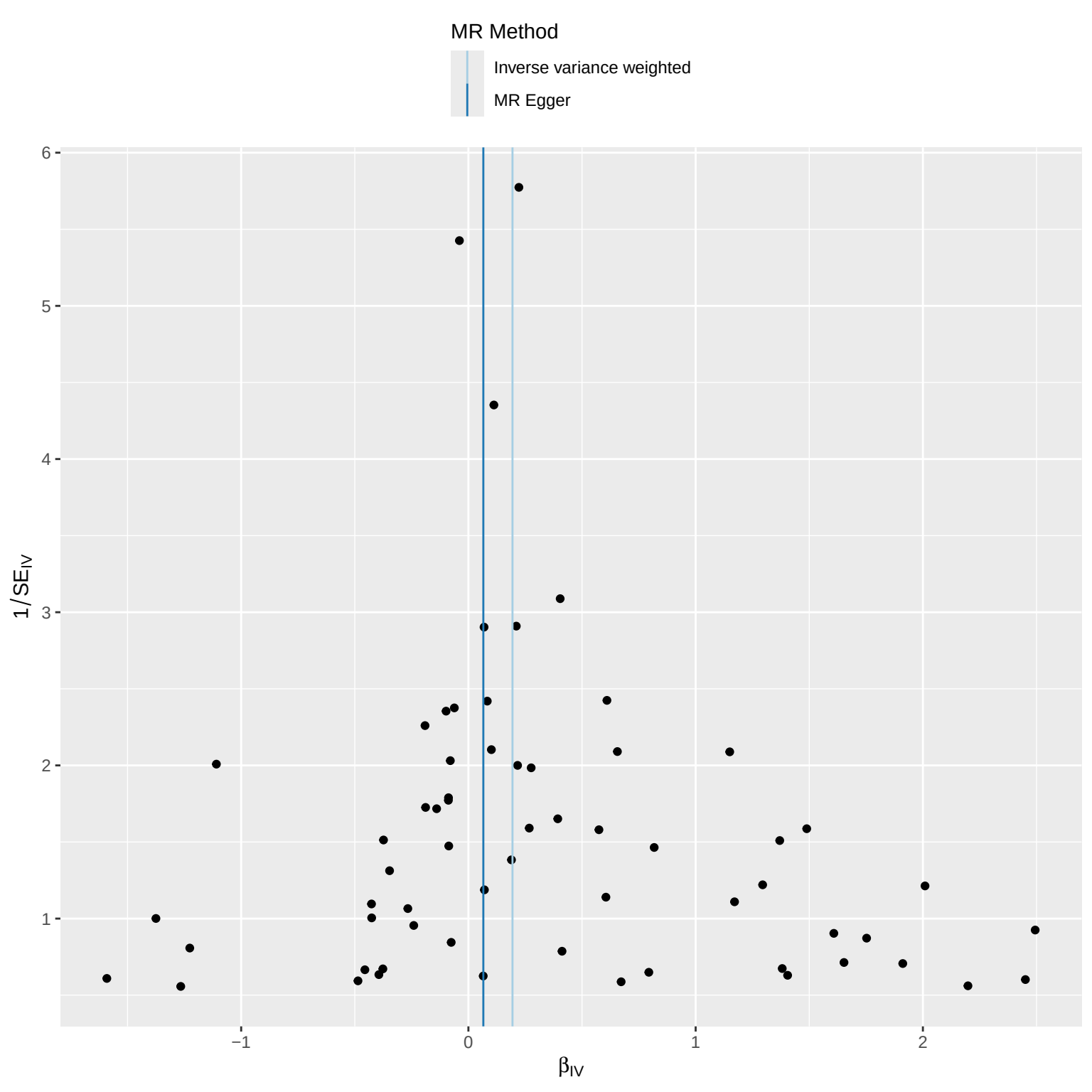

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

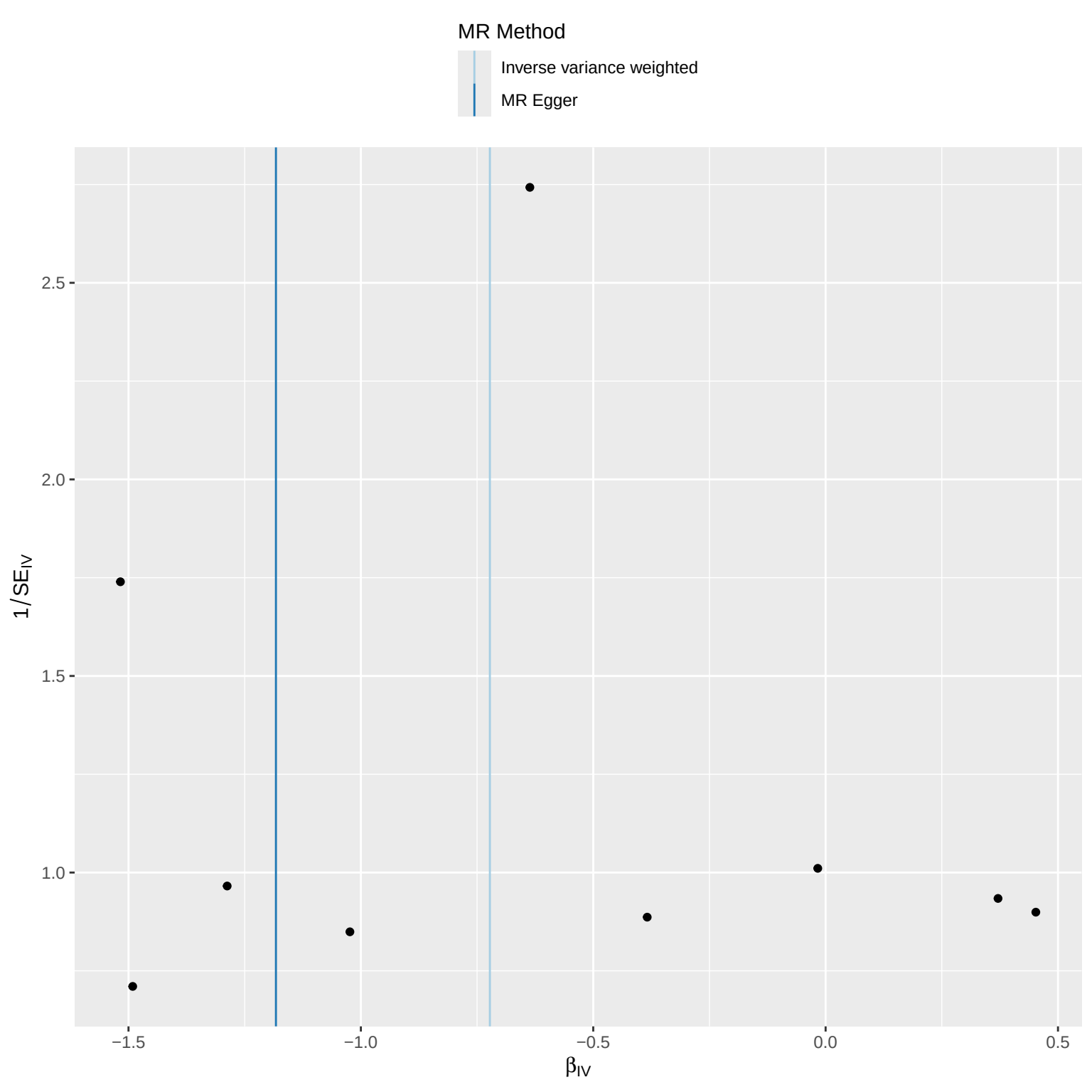

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

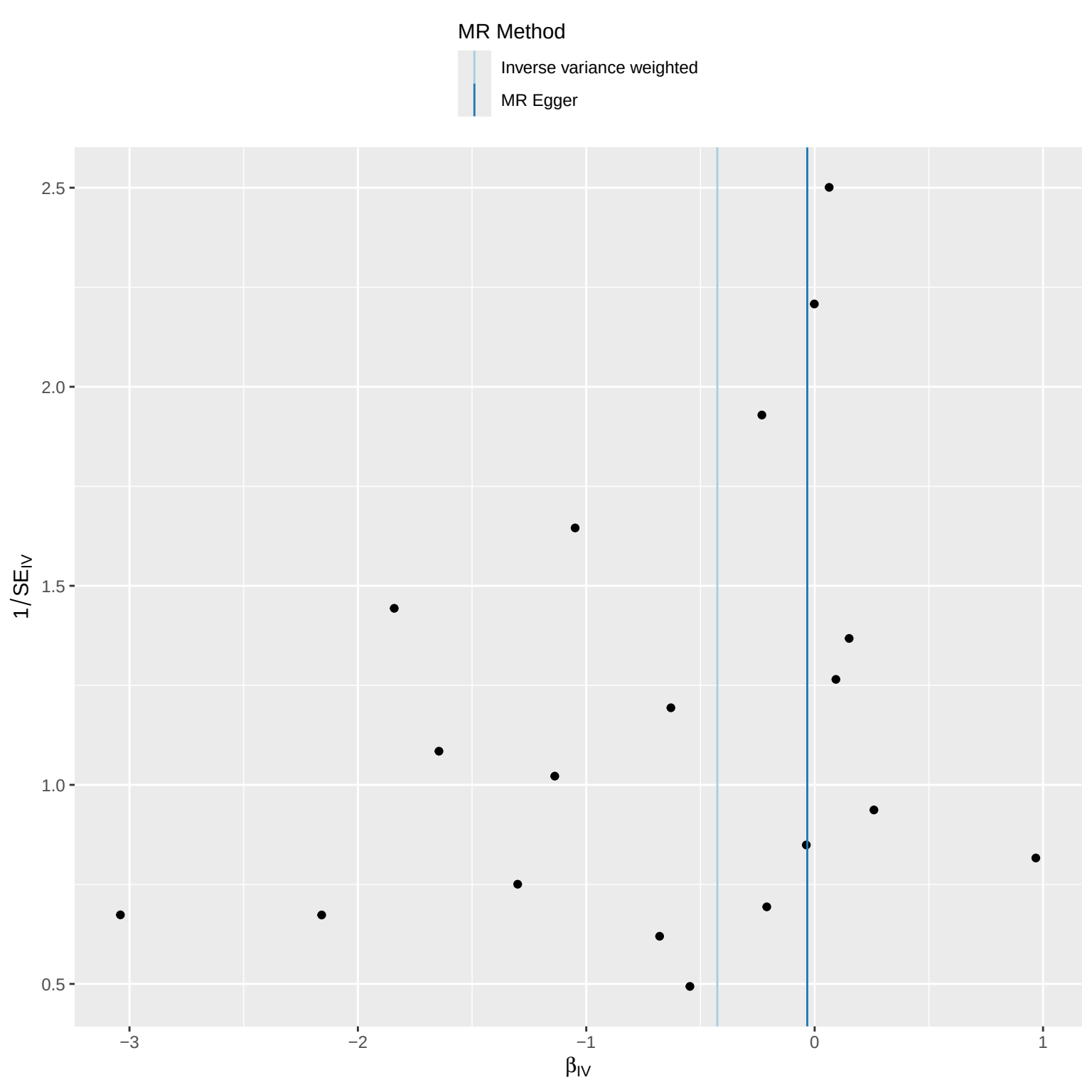

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−2
0
2
β_IV

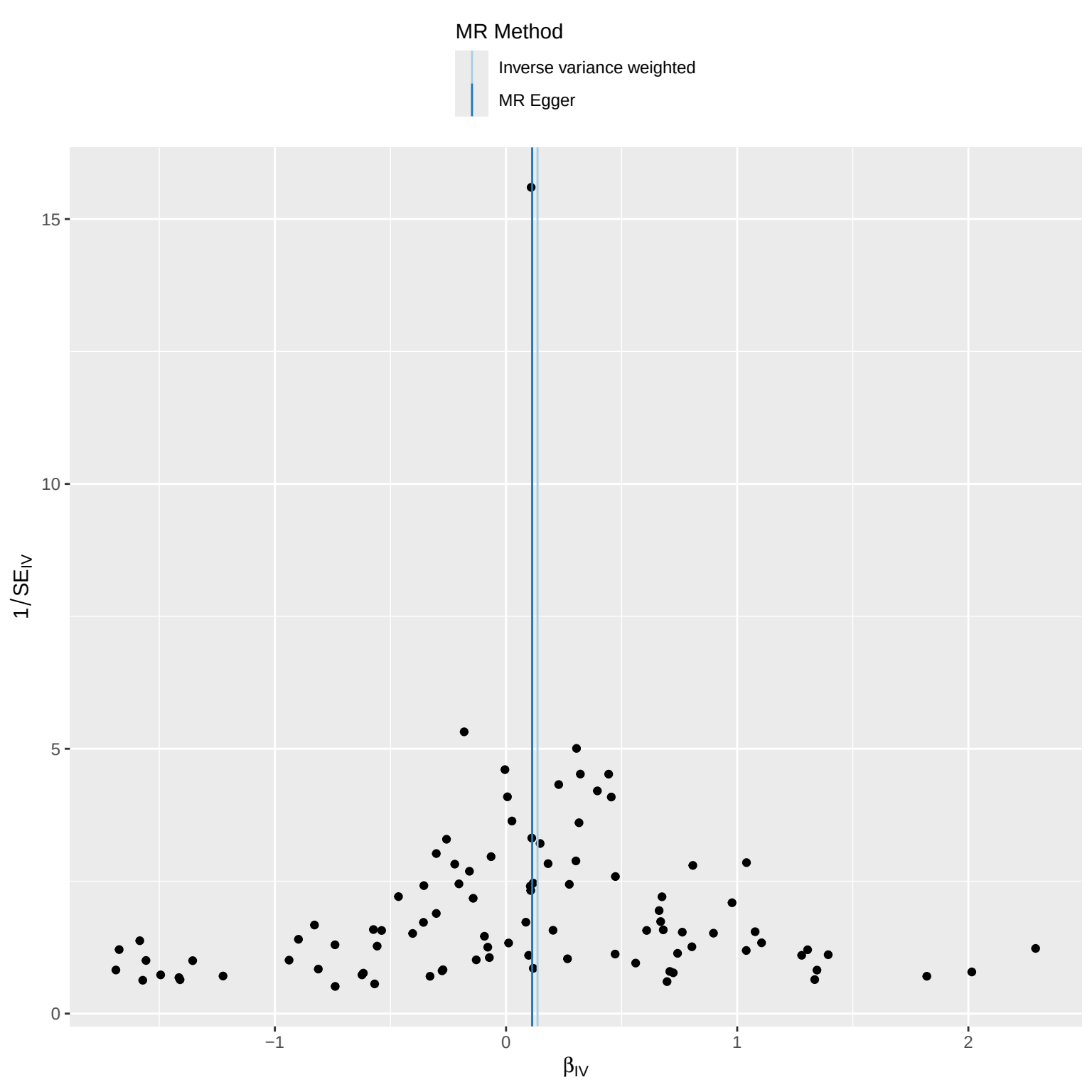

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

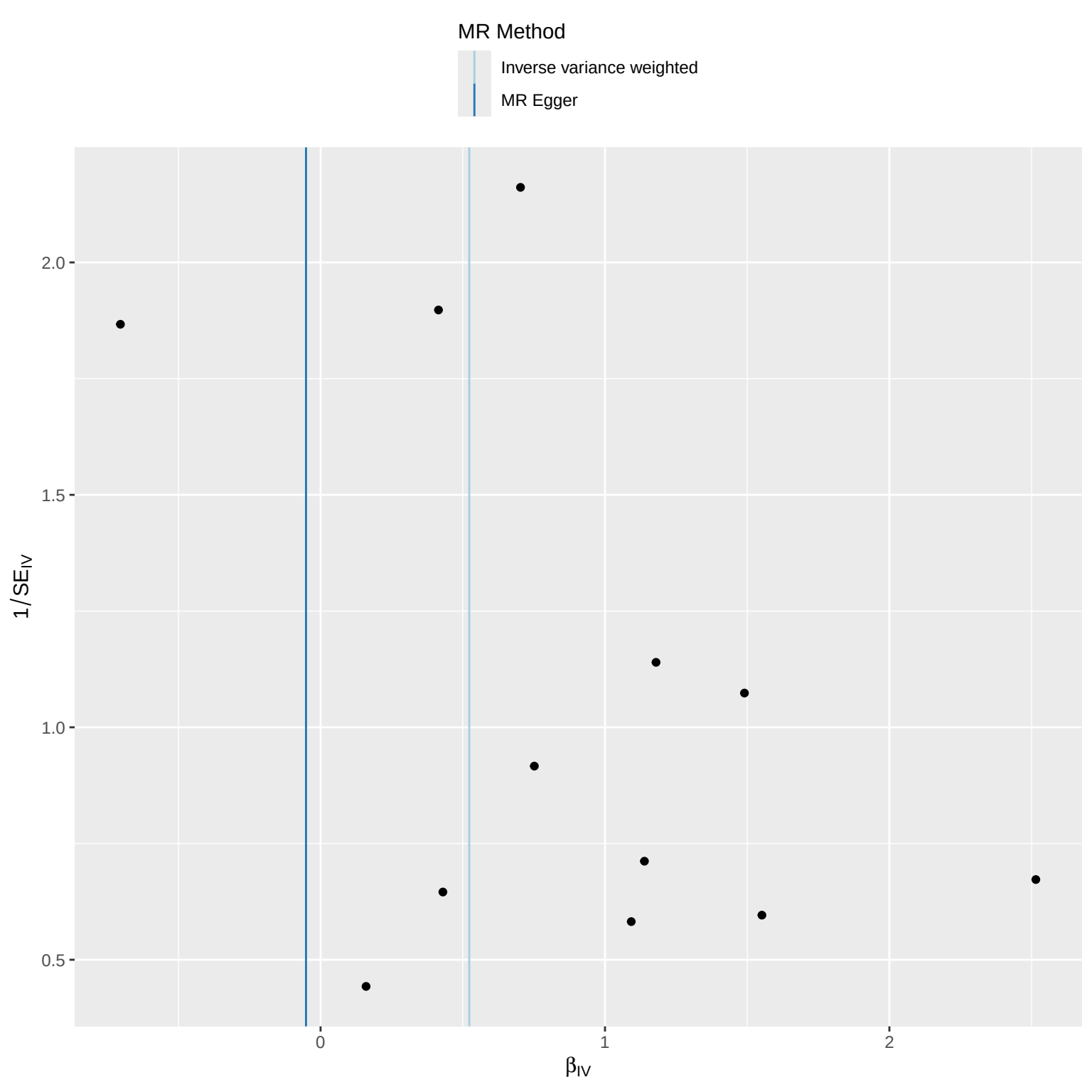

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

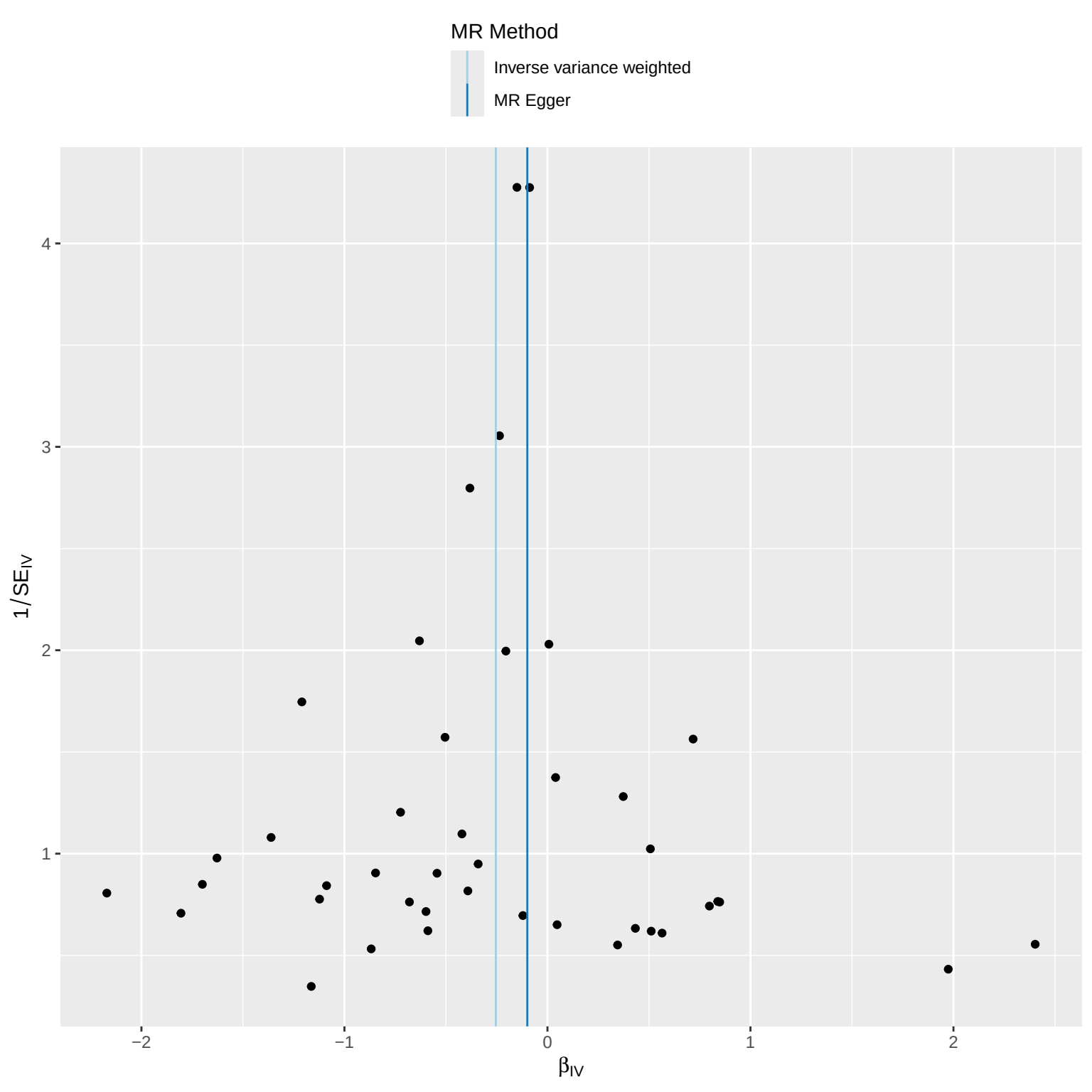

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

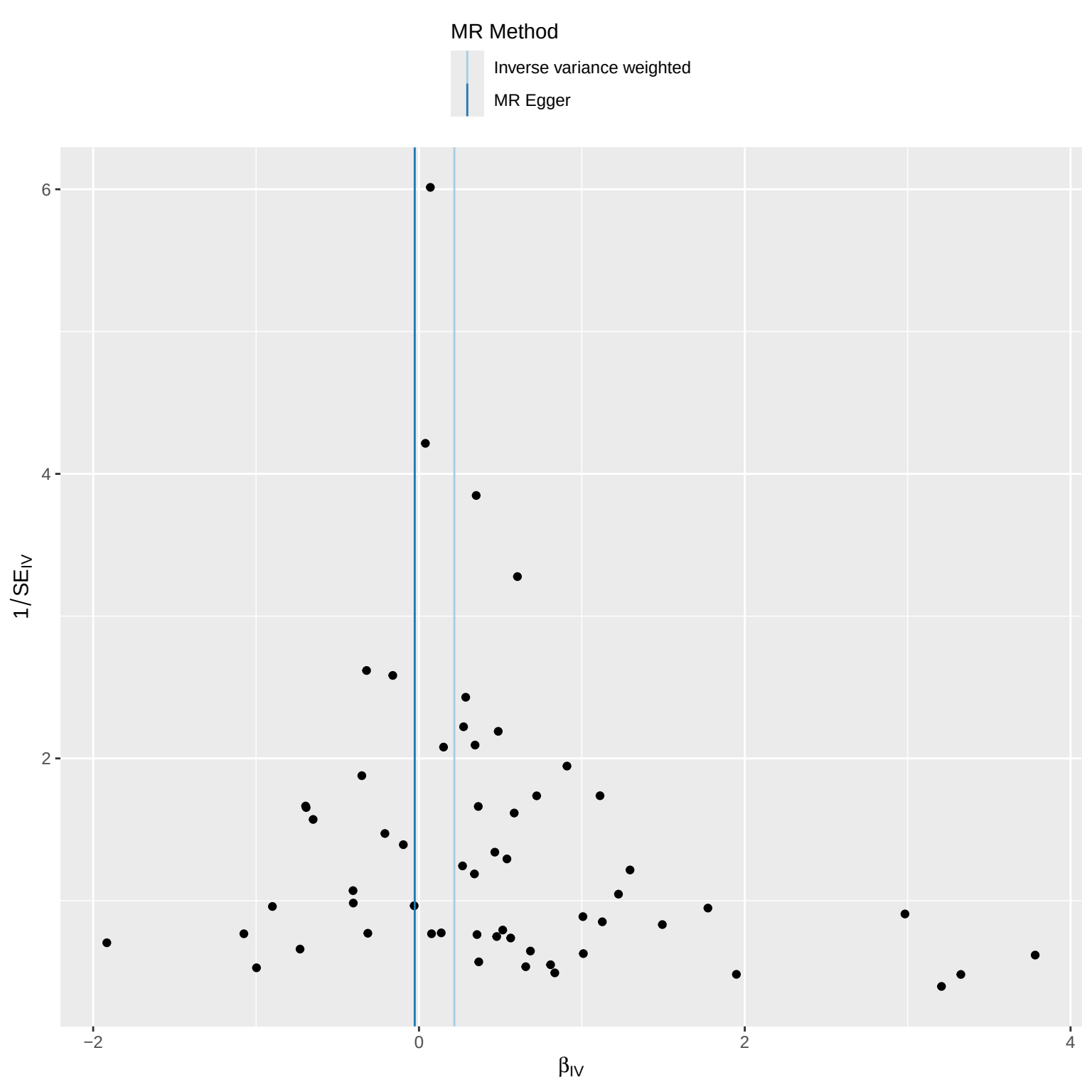

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

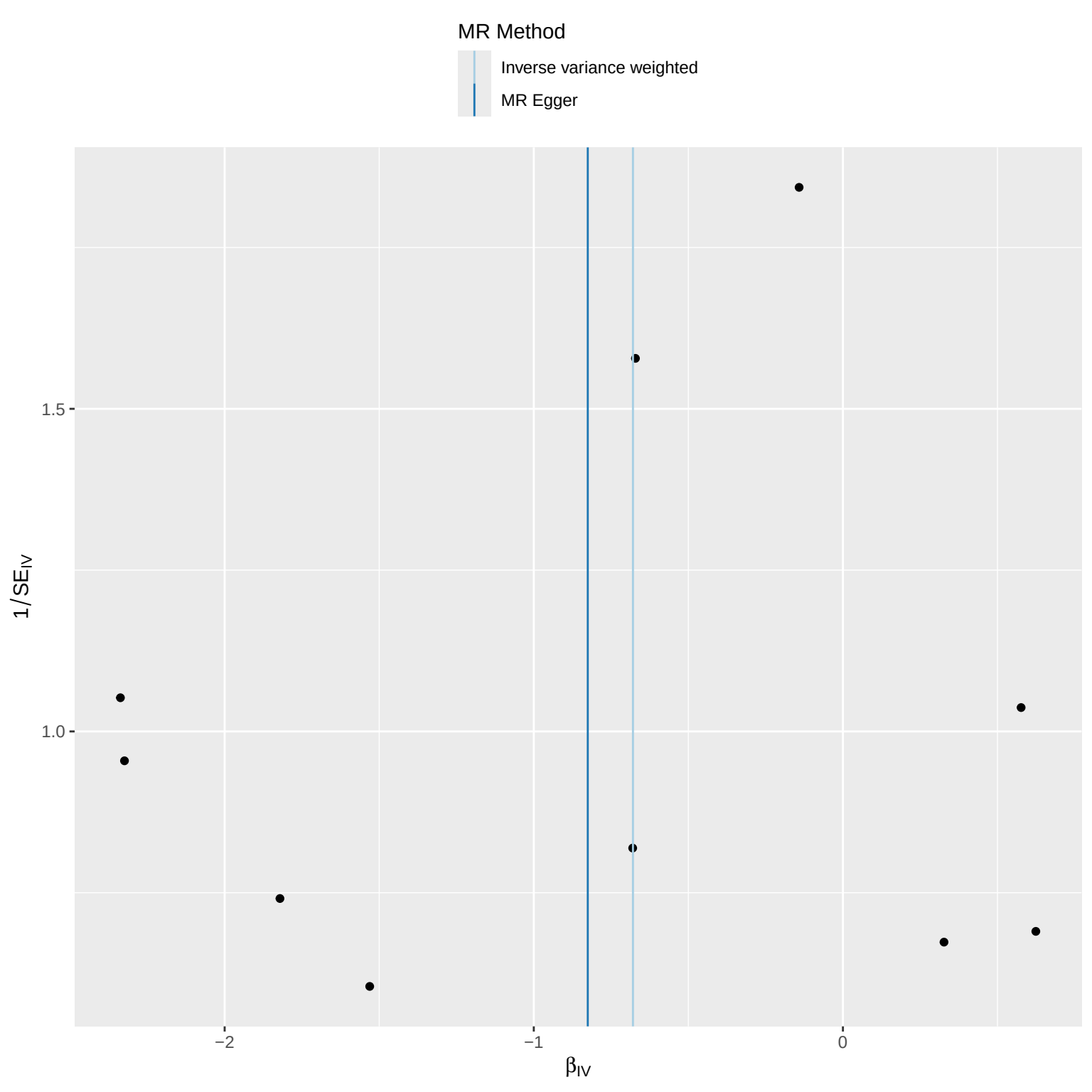

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

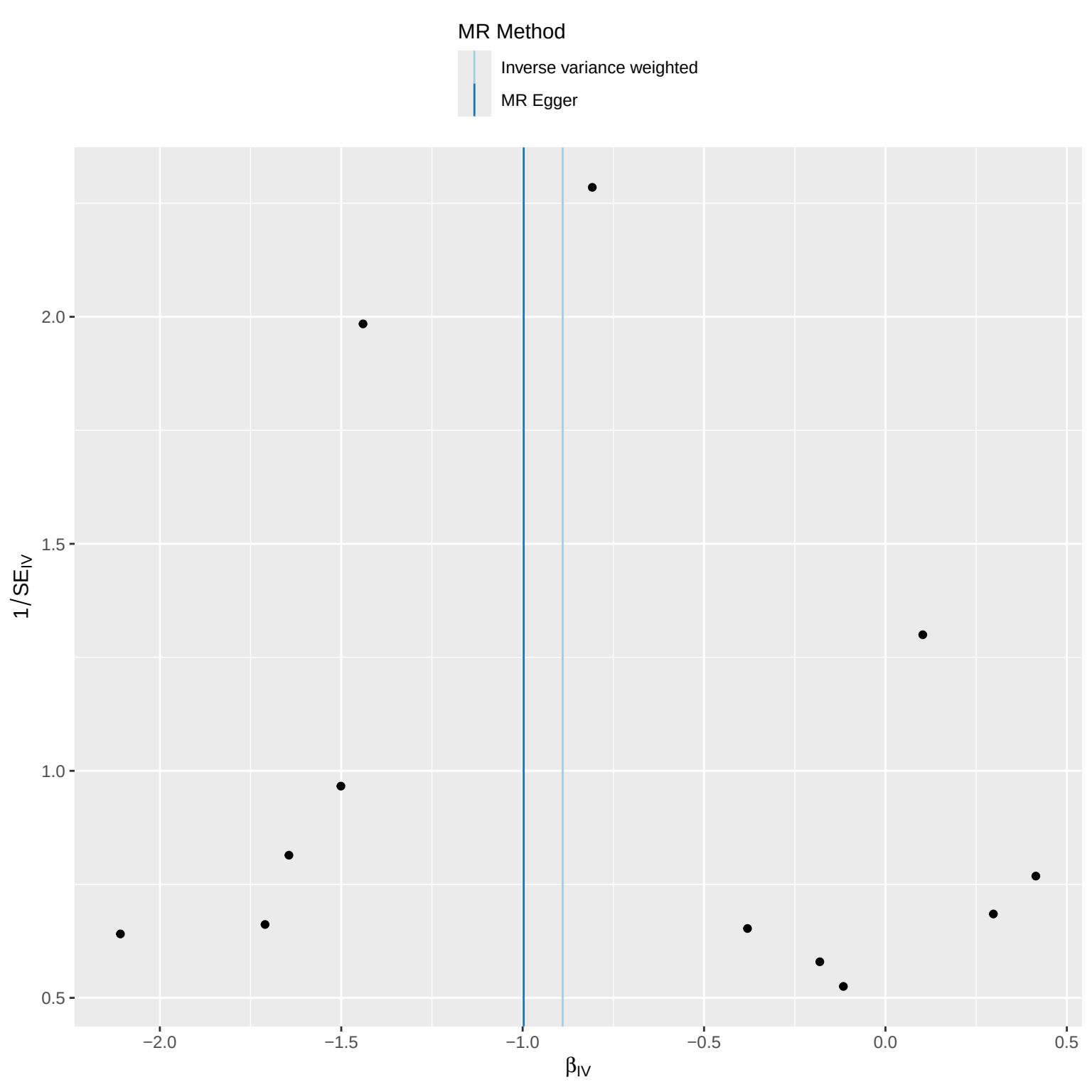

MR Method
Inverse variance weighted
MR Egger
15
10
5
0
1/SE_IV
−1
0
1
2
β_IV

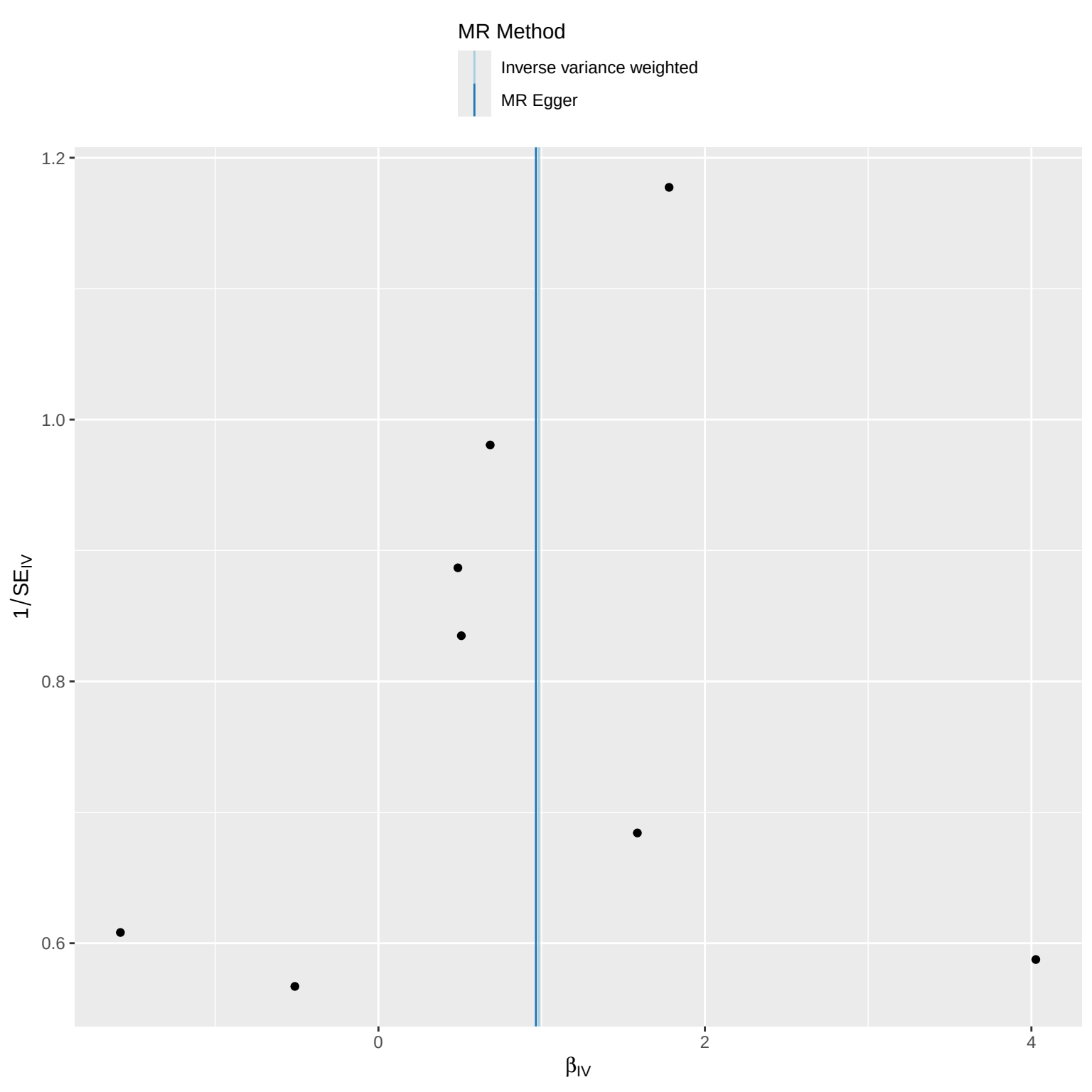

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

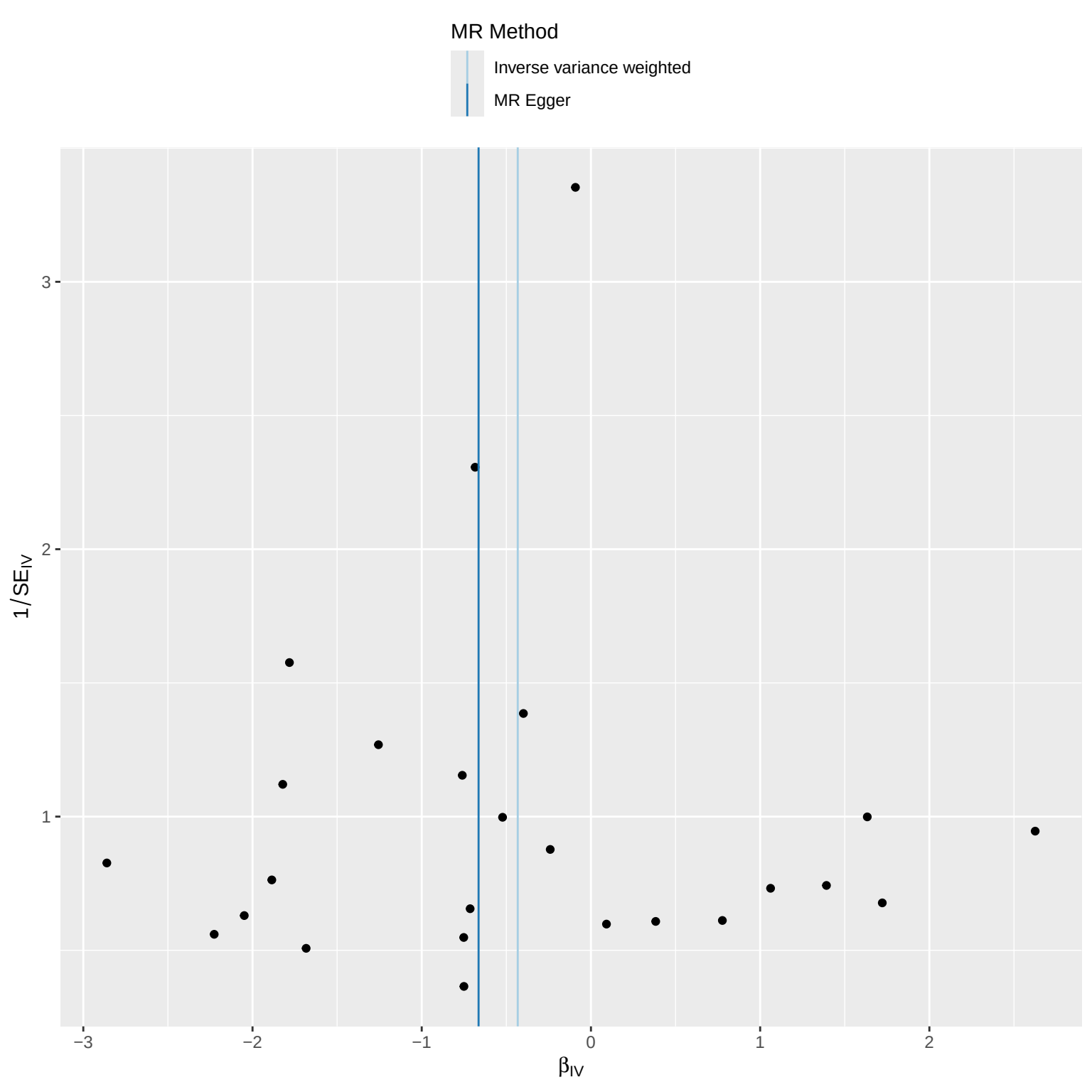

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

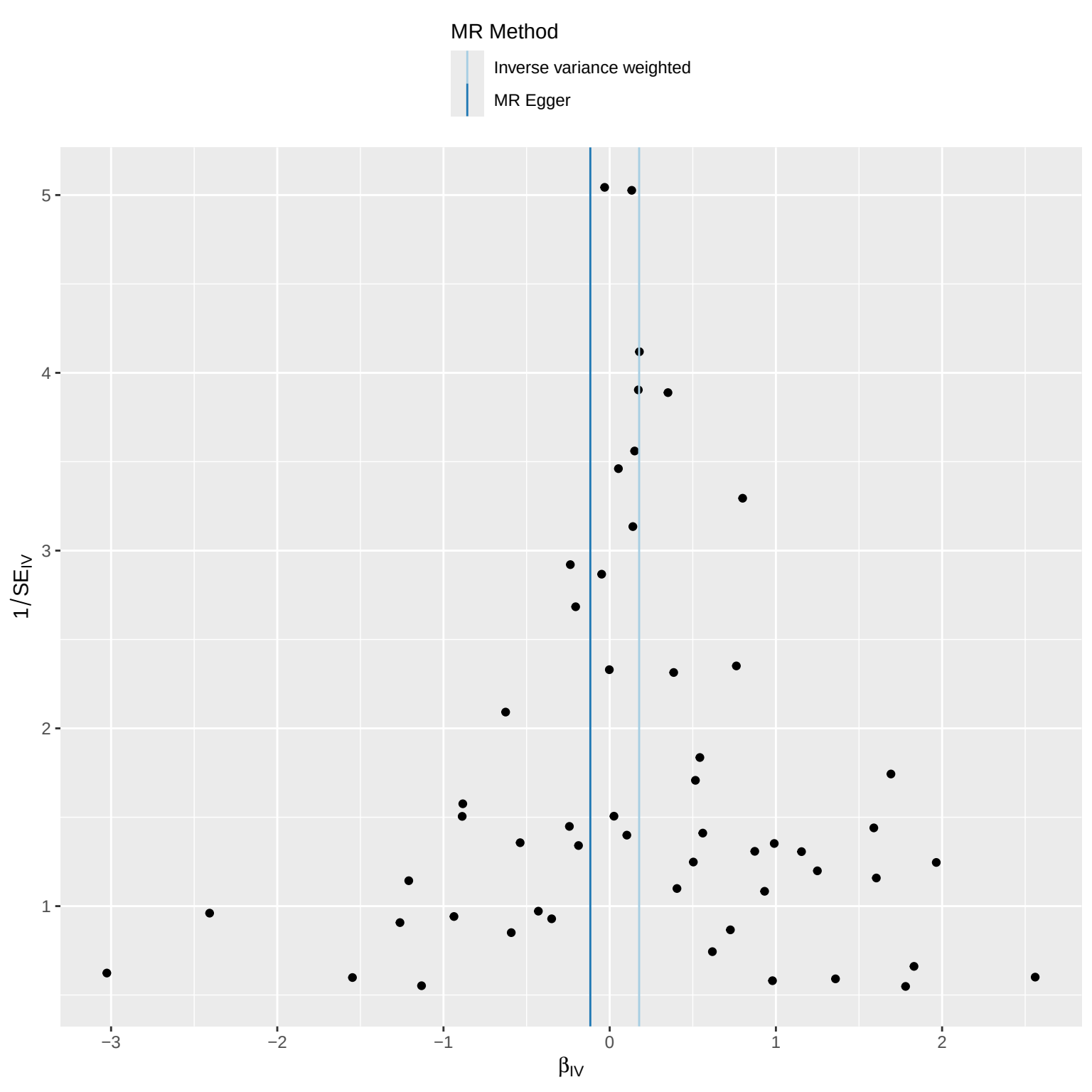

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
4
β_IV

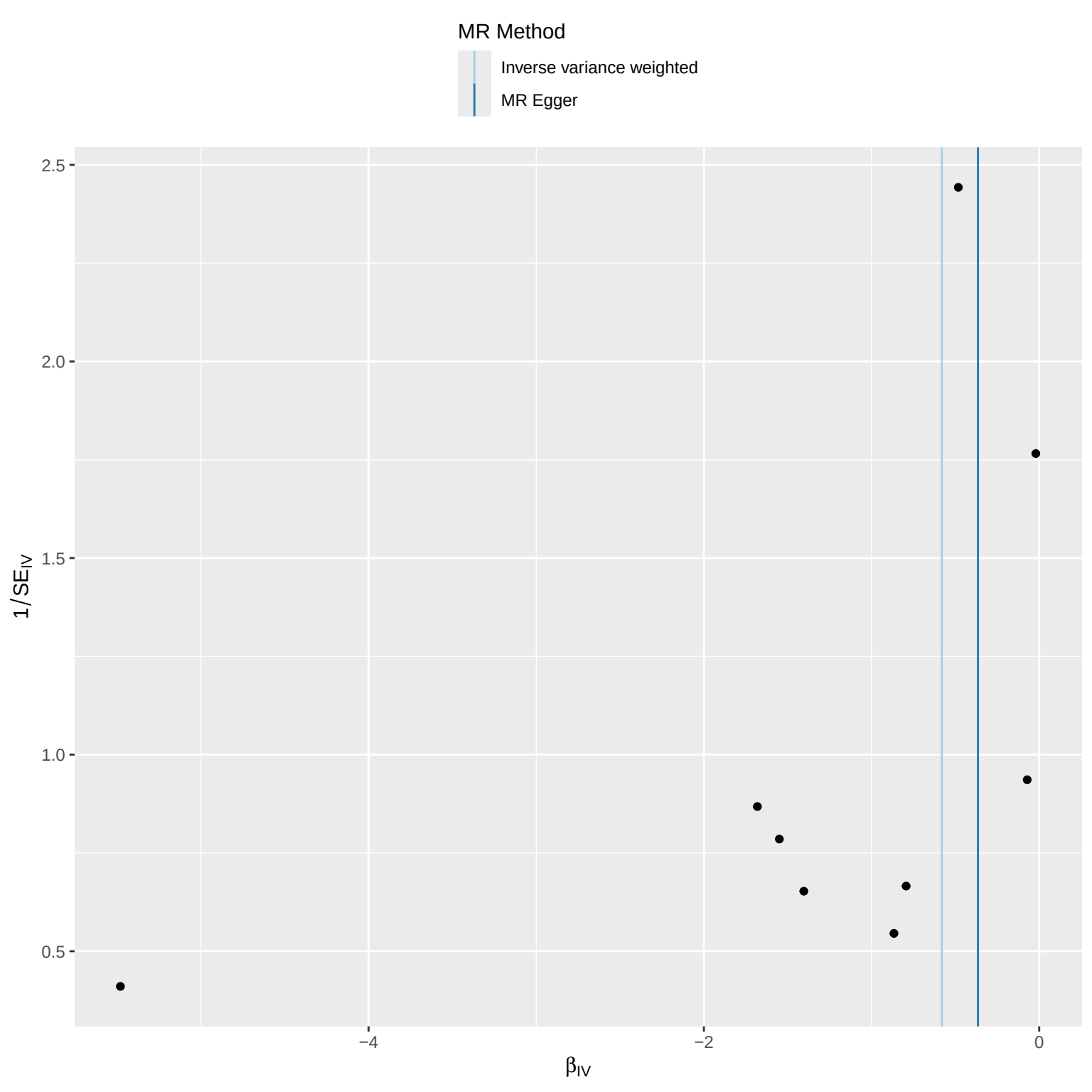

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

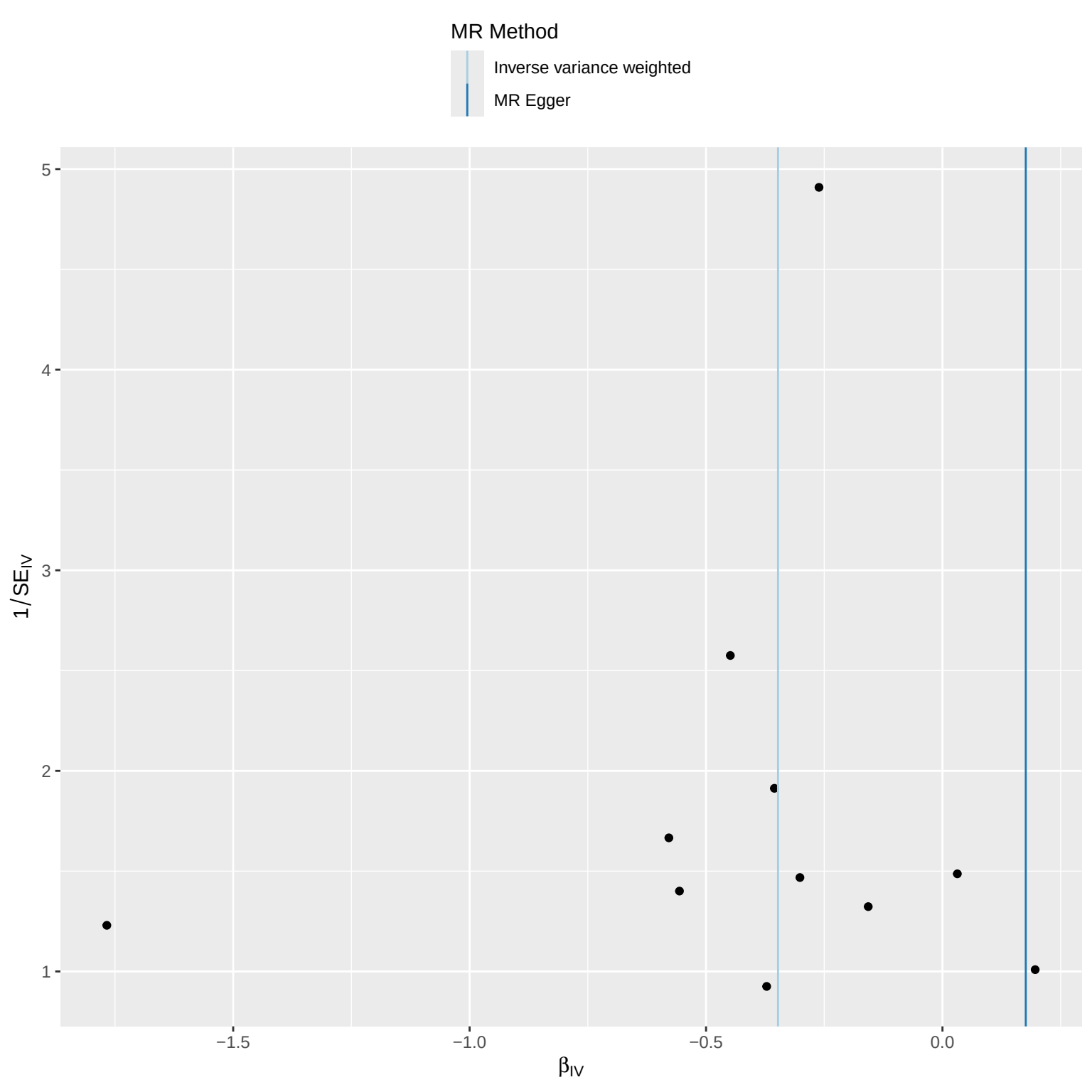

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

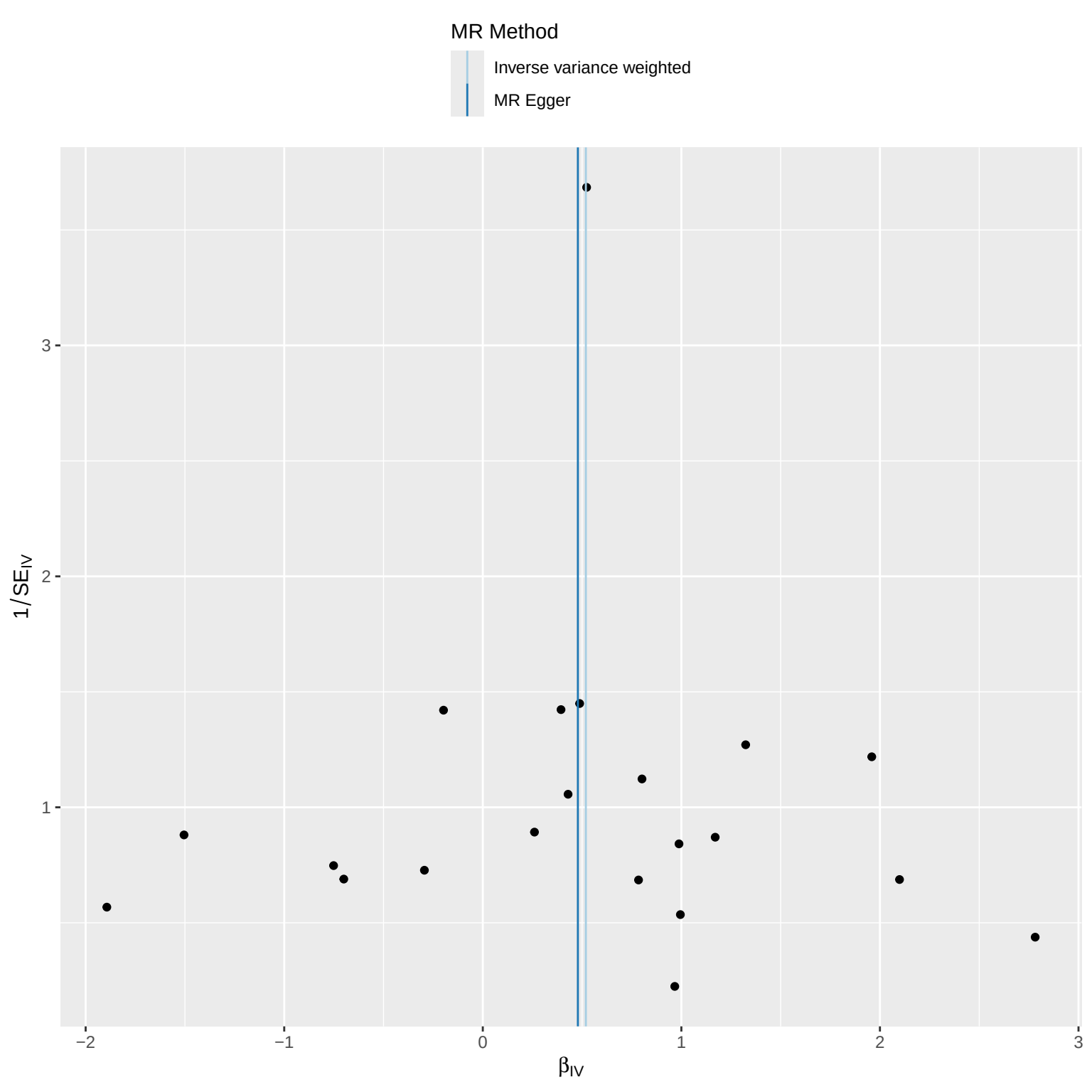

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
2
4
β_IV

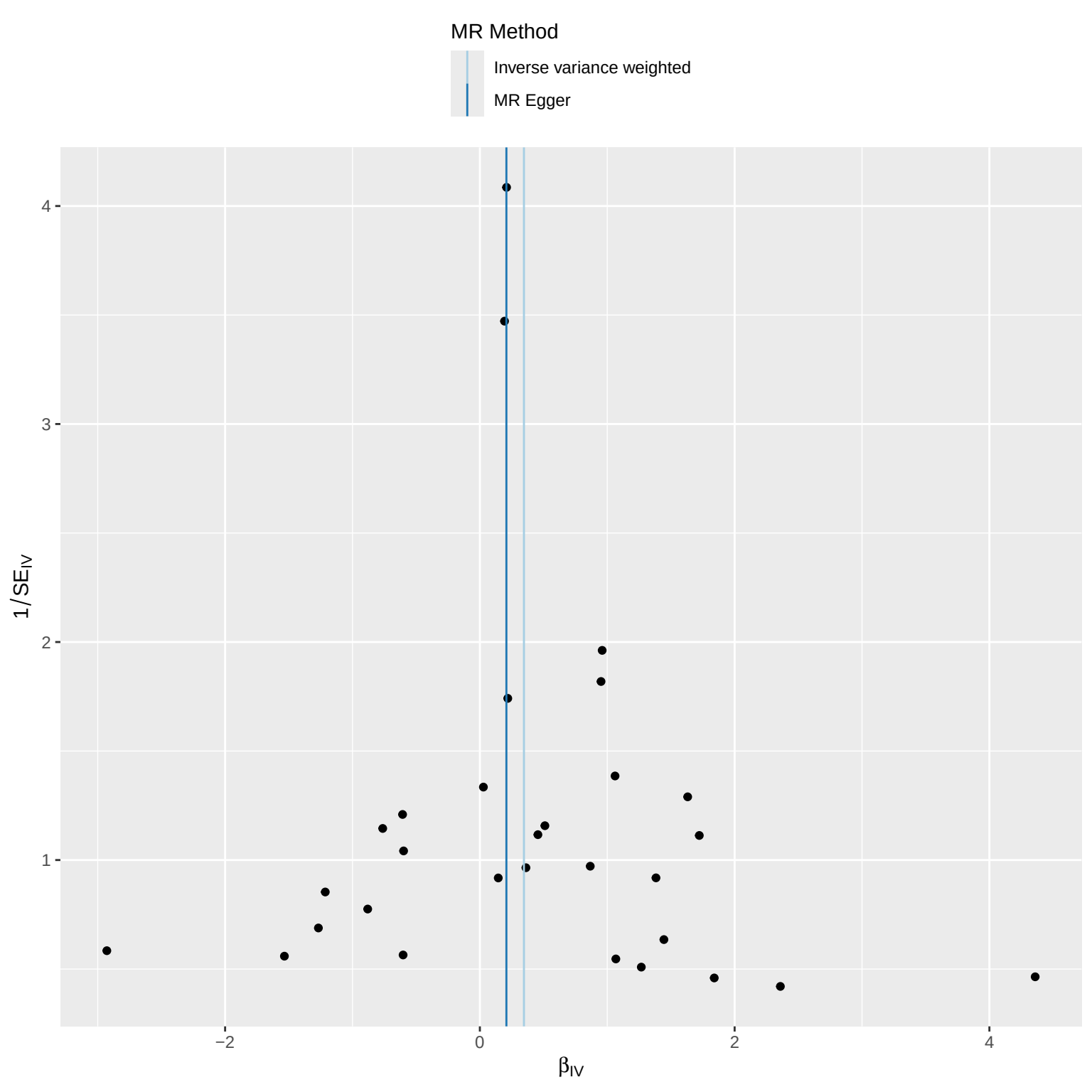

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

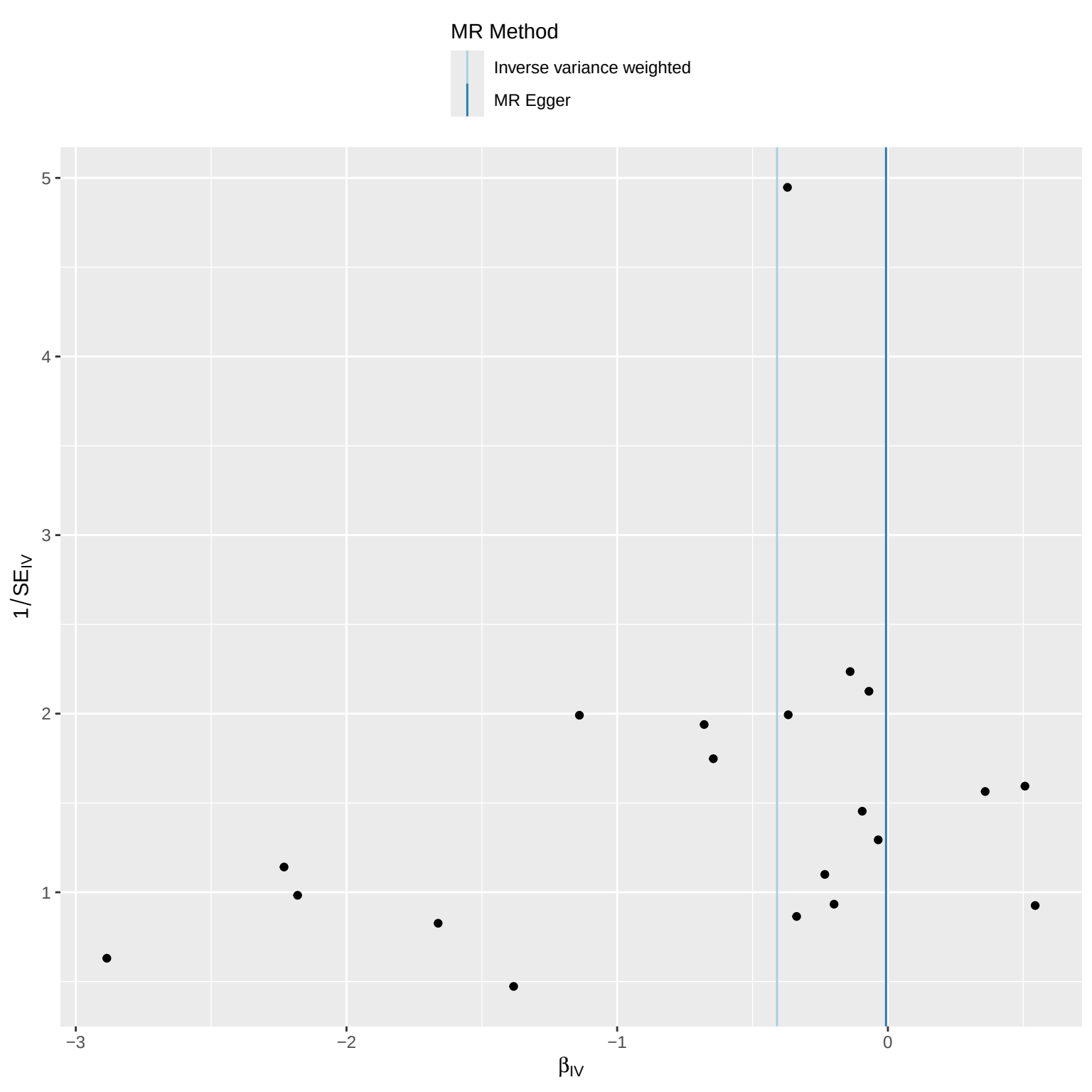

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

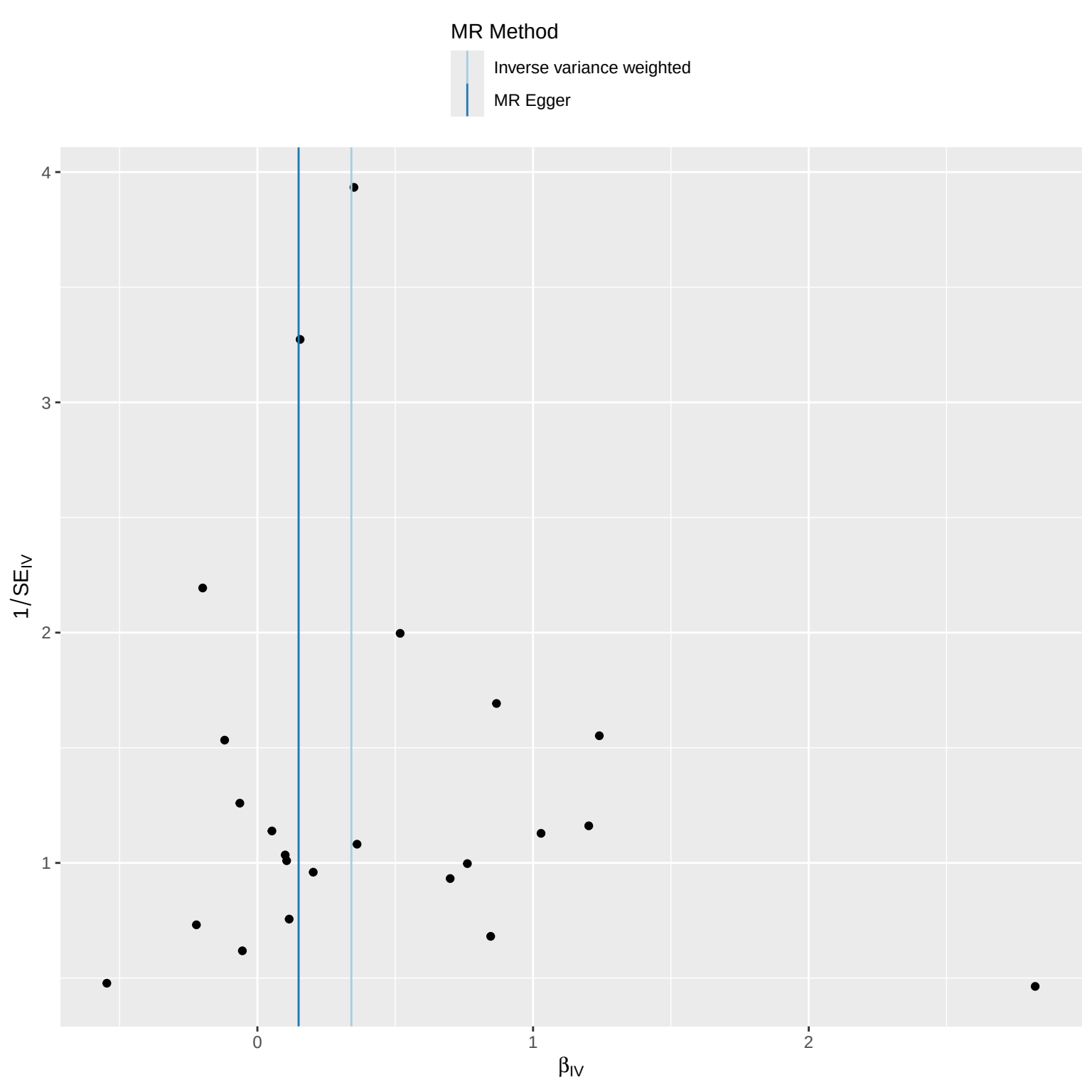

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

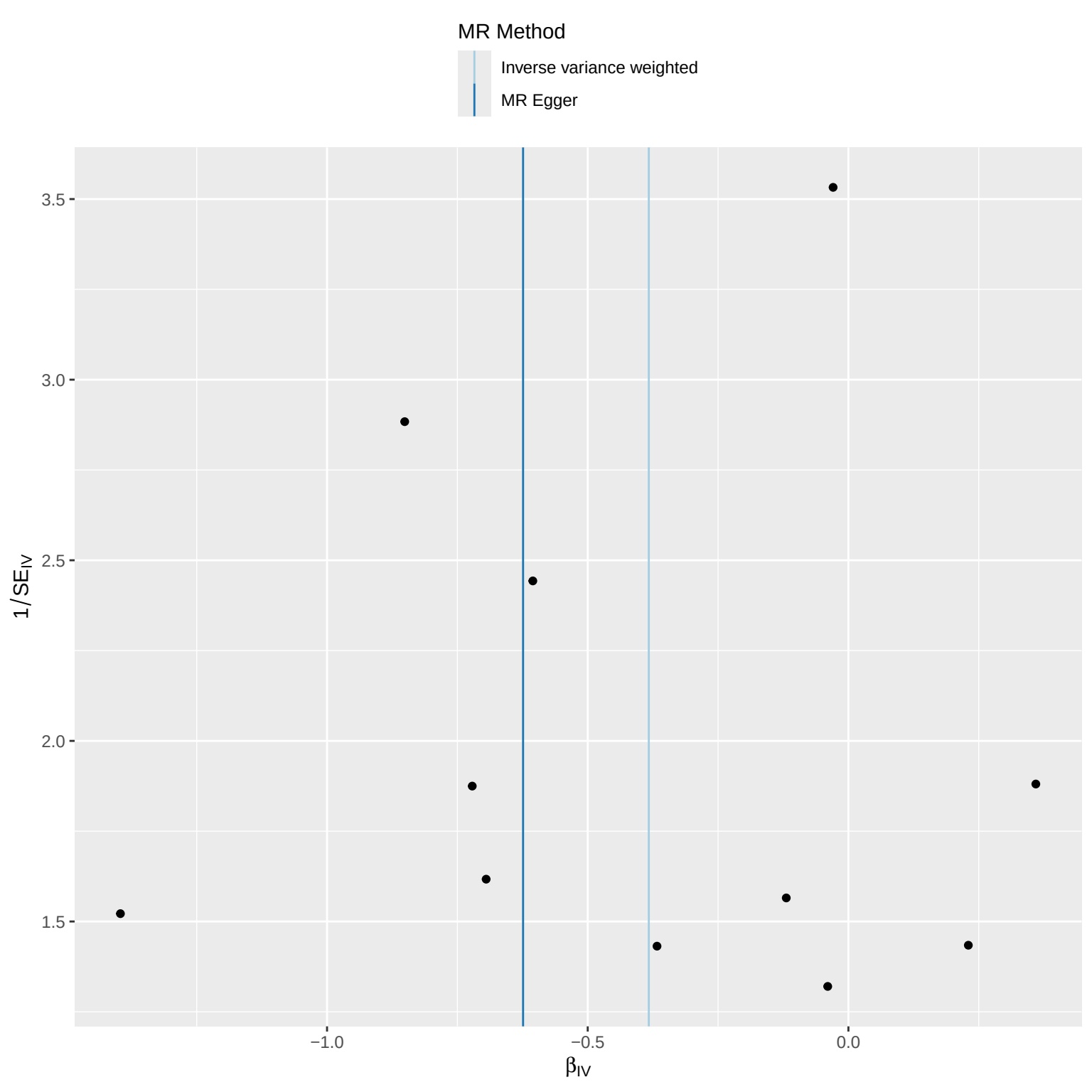

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

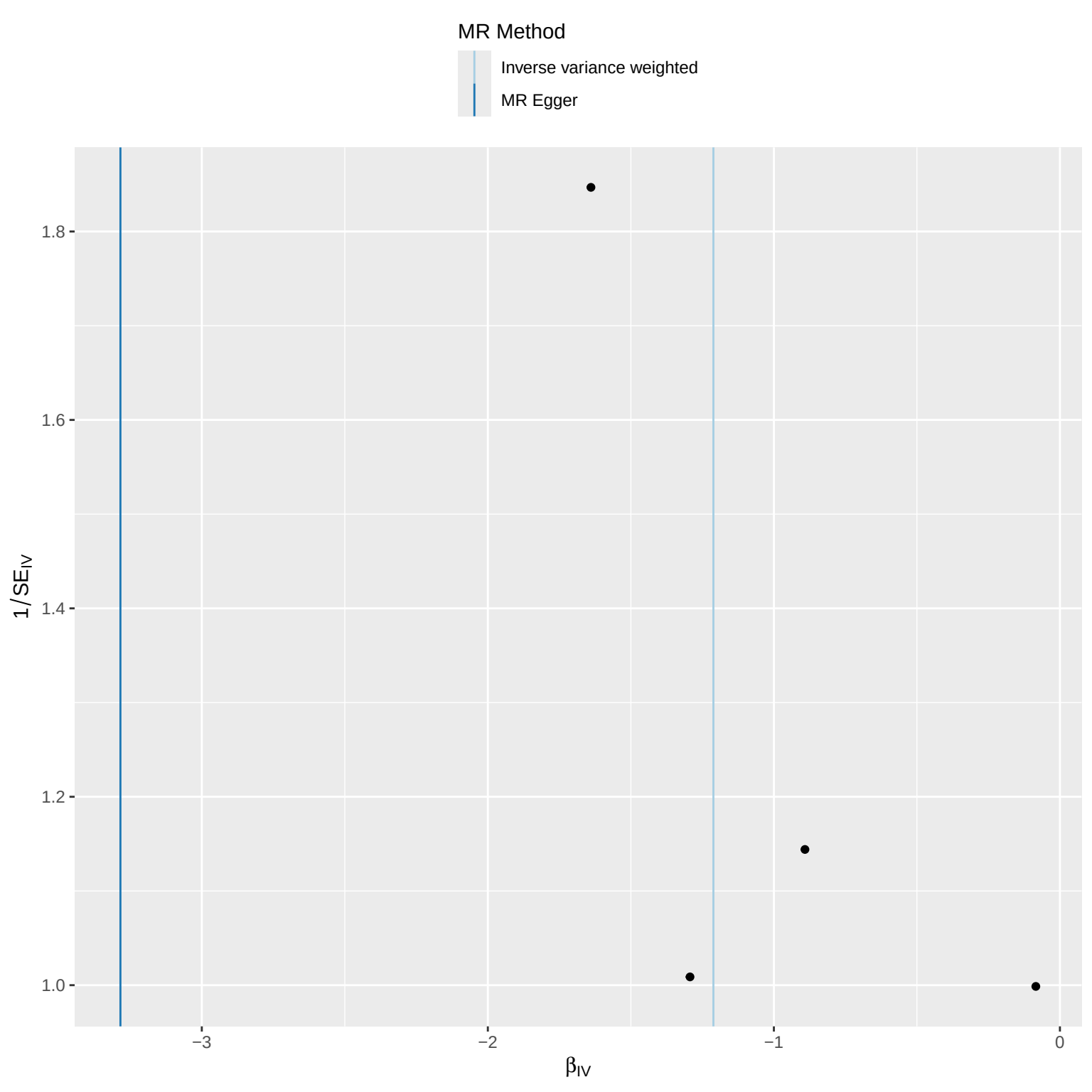

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

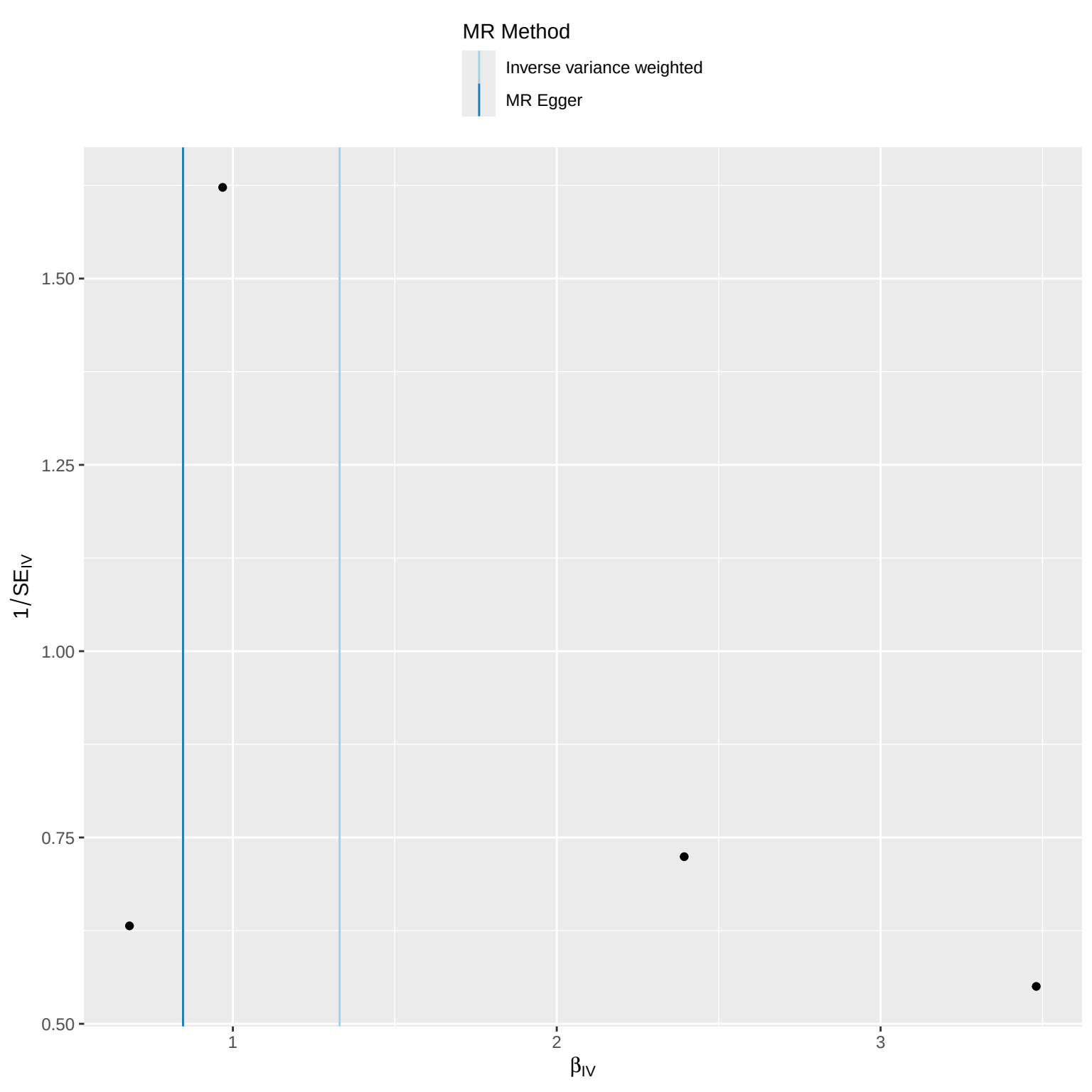

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

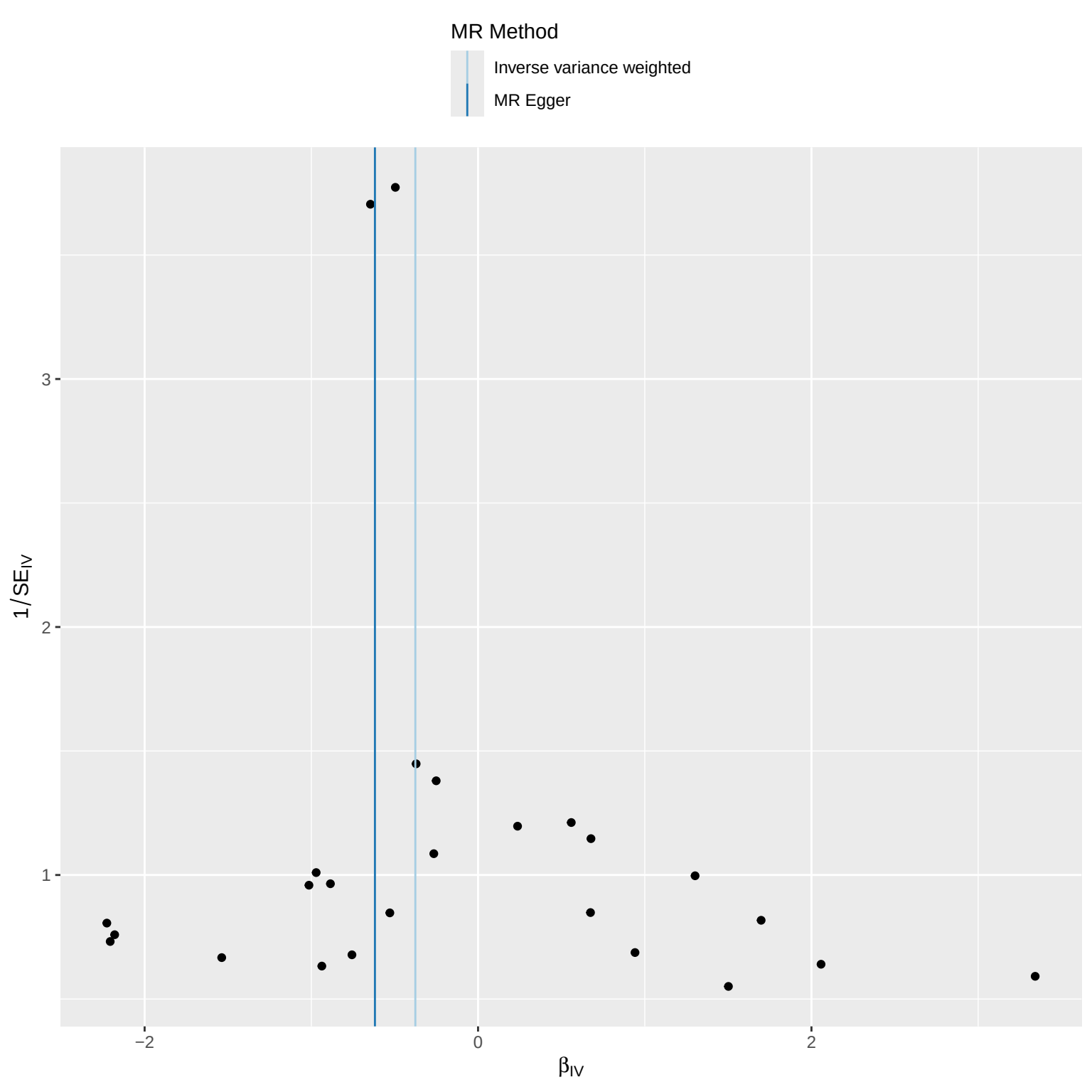

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

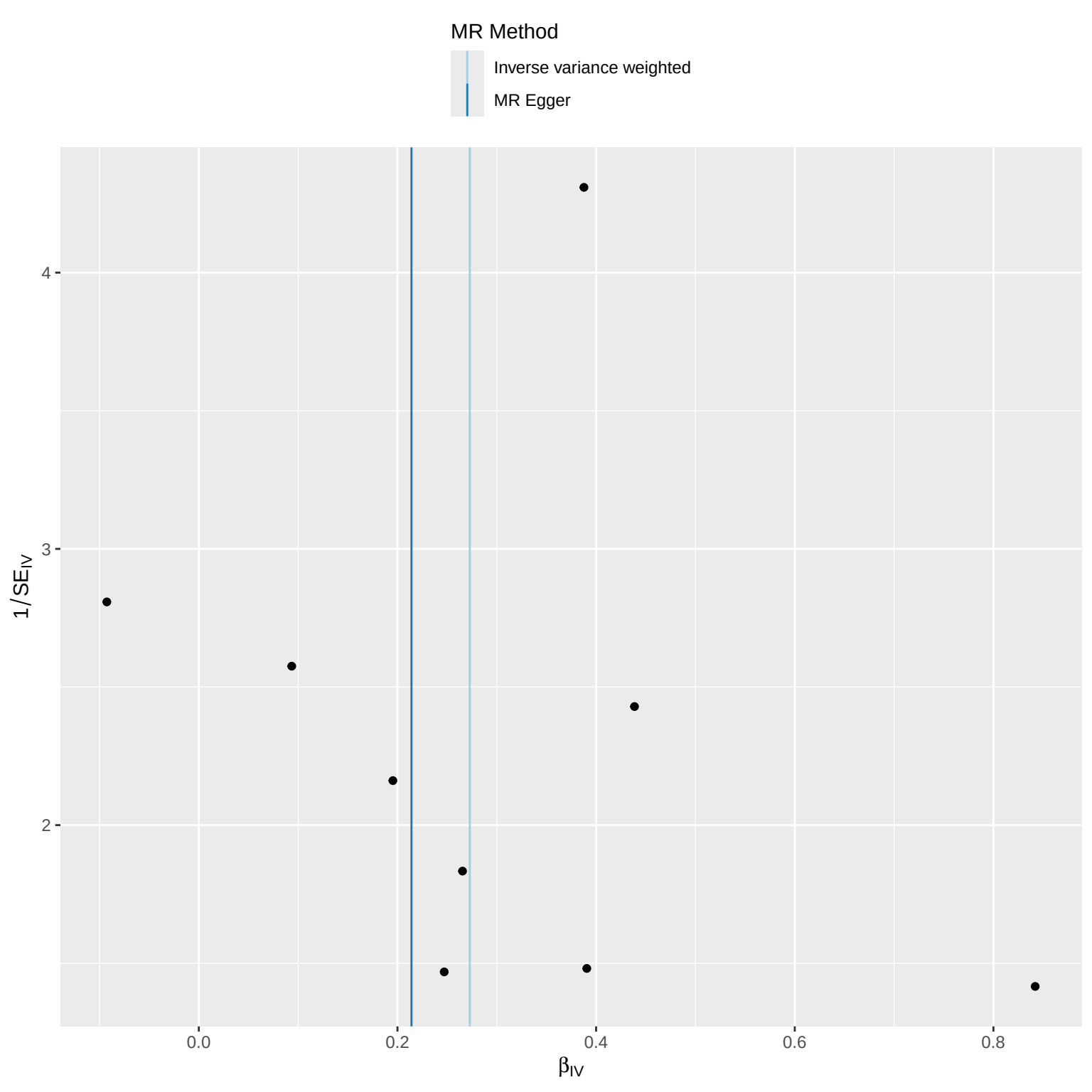

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

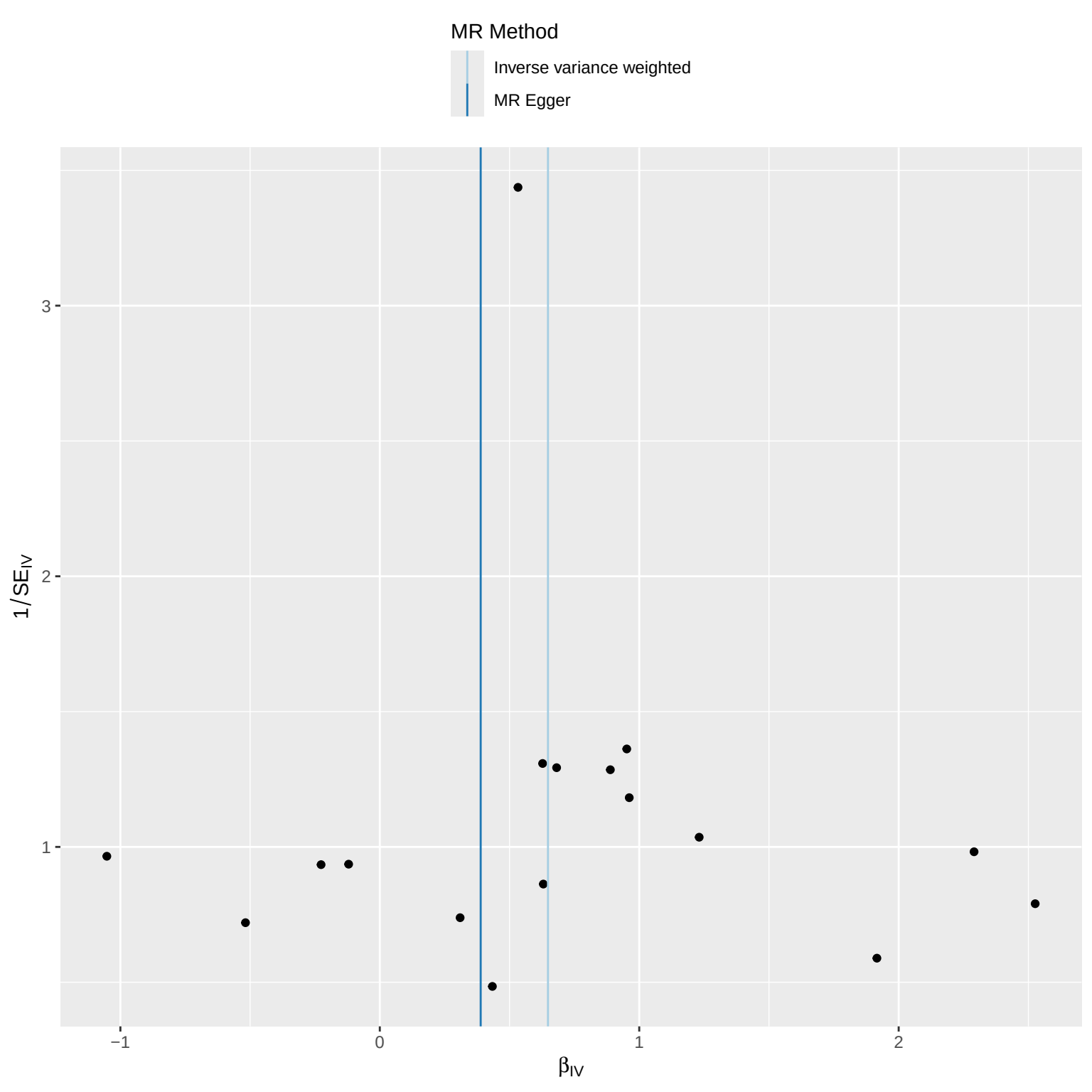

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
β_IV

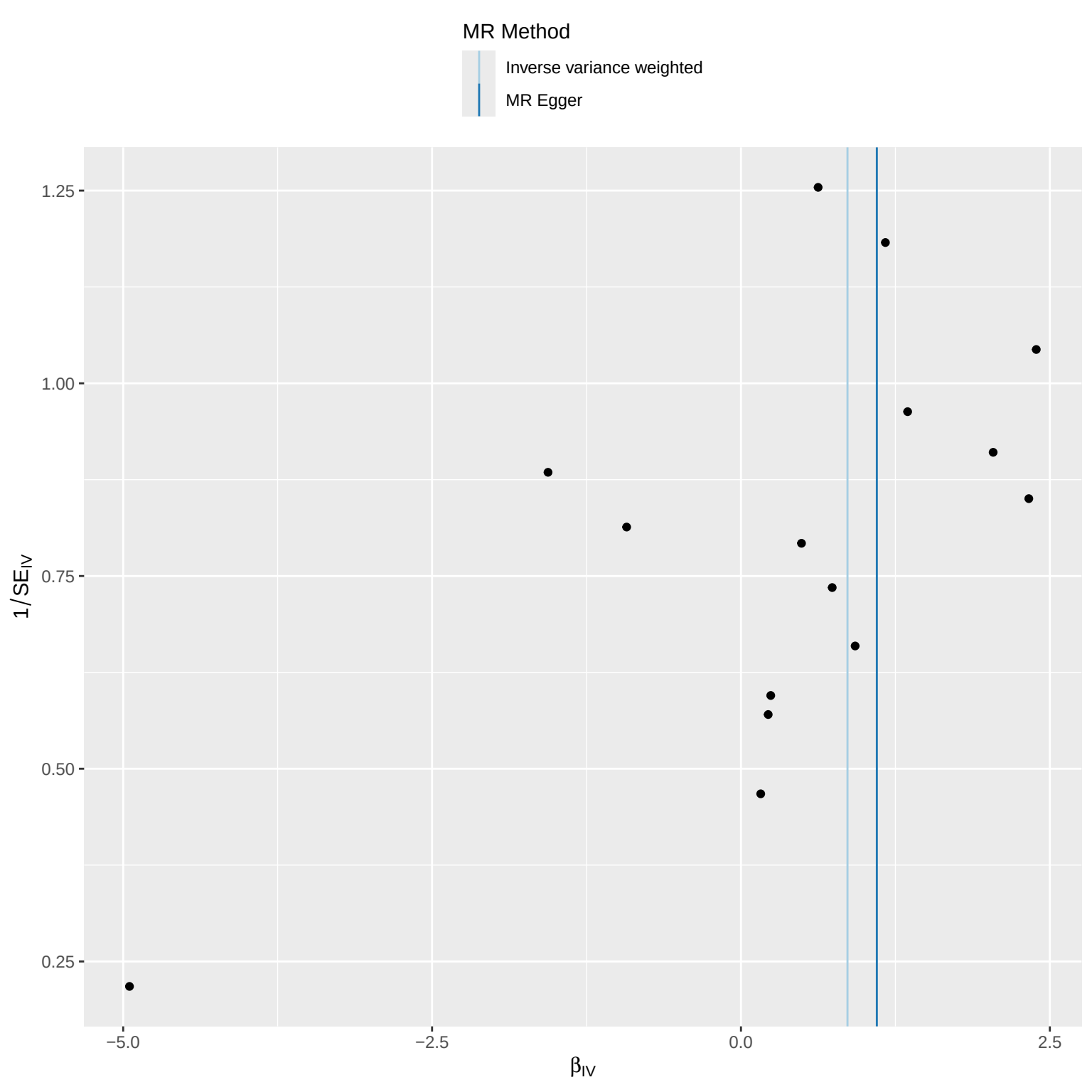

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
−3
−2
−1
0
β_IV

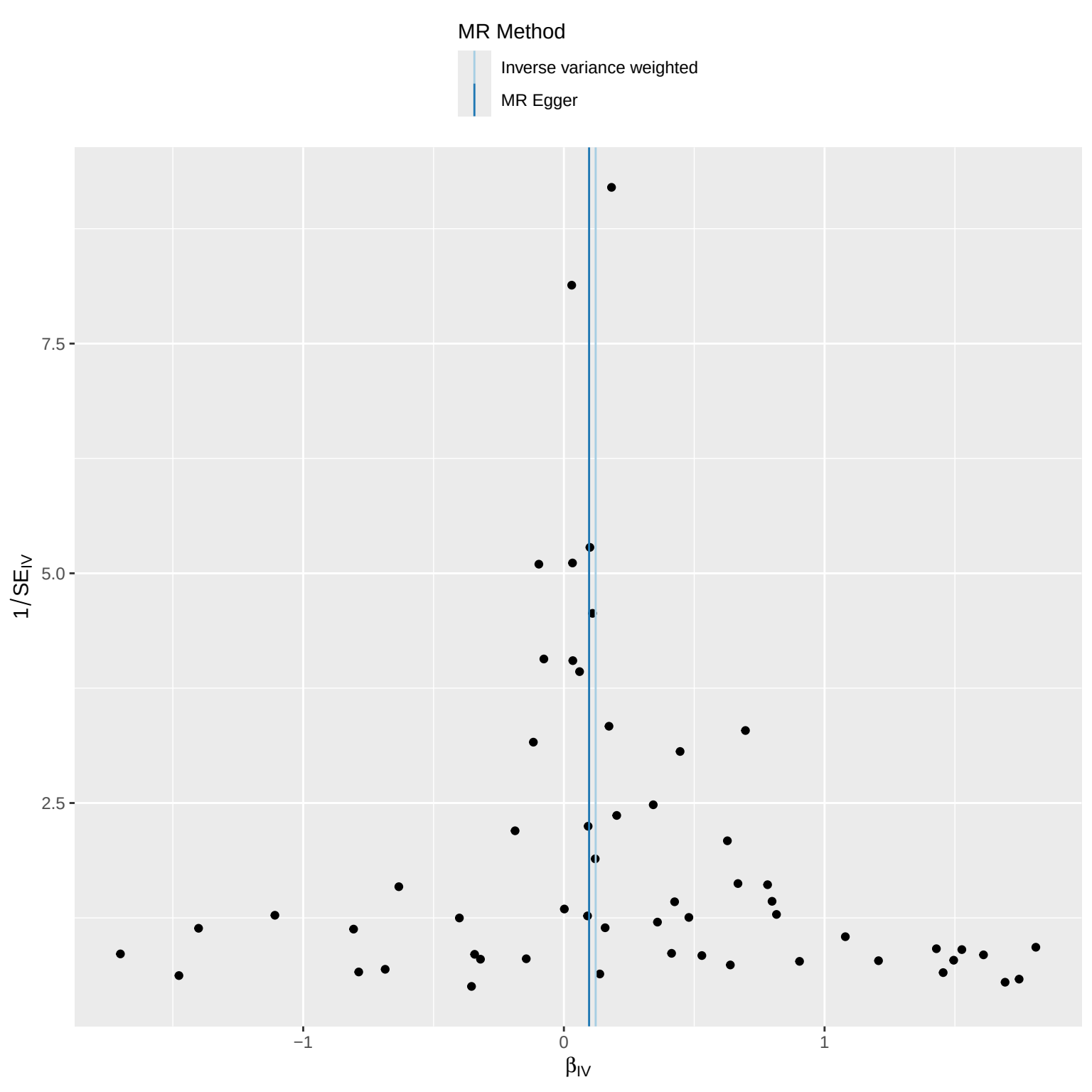

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
1
2
3
β_IV

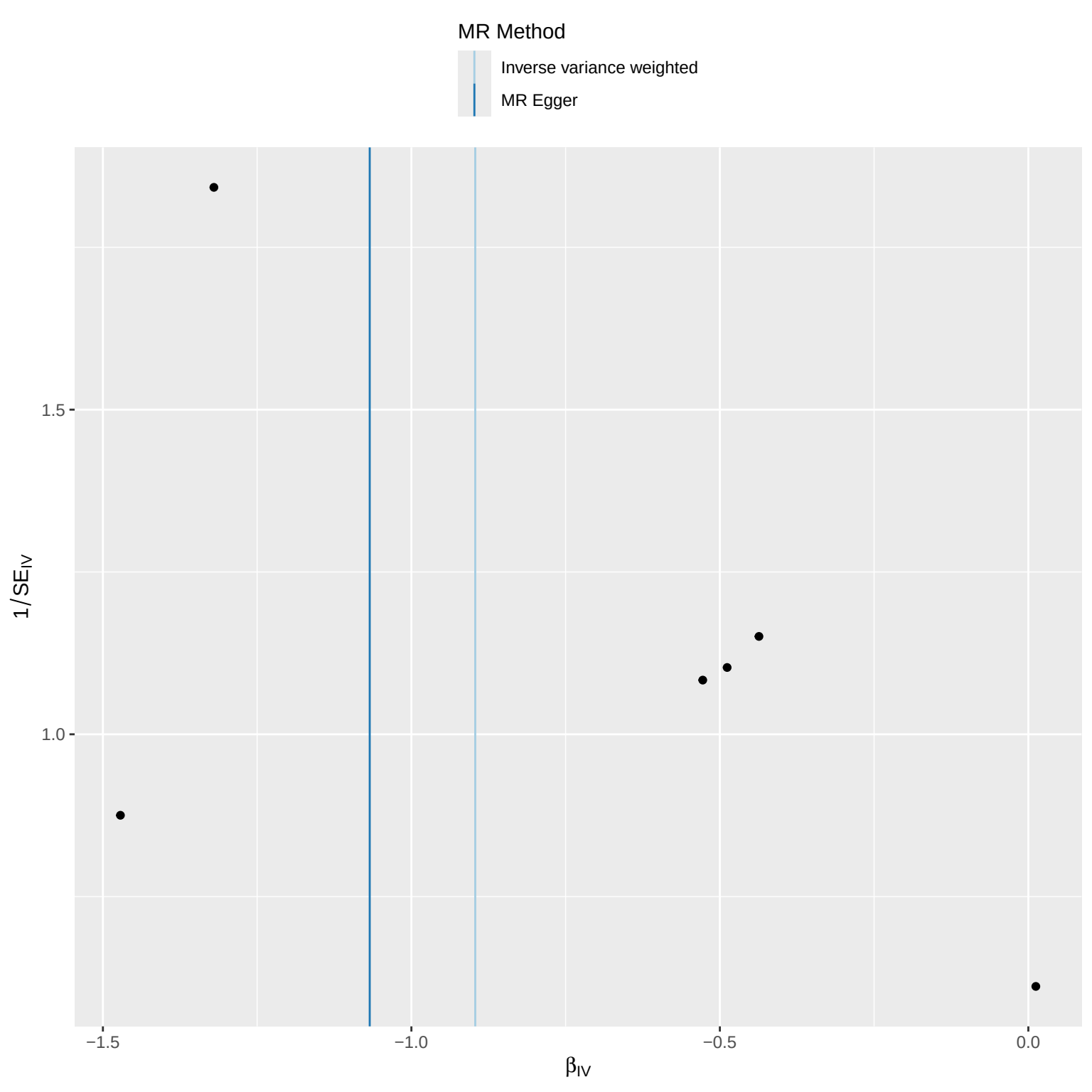

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

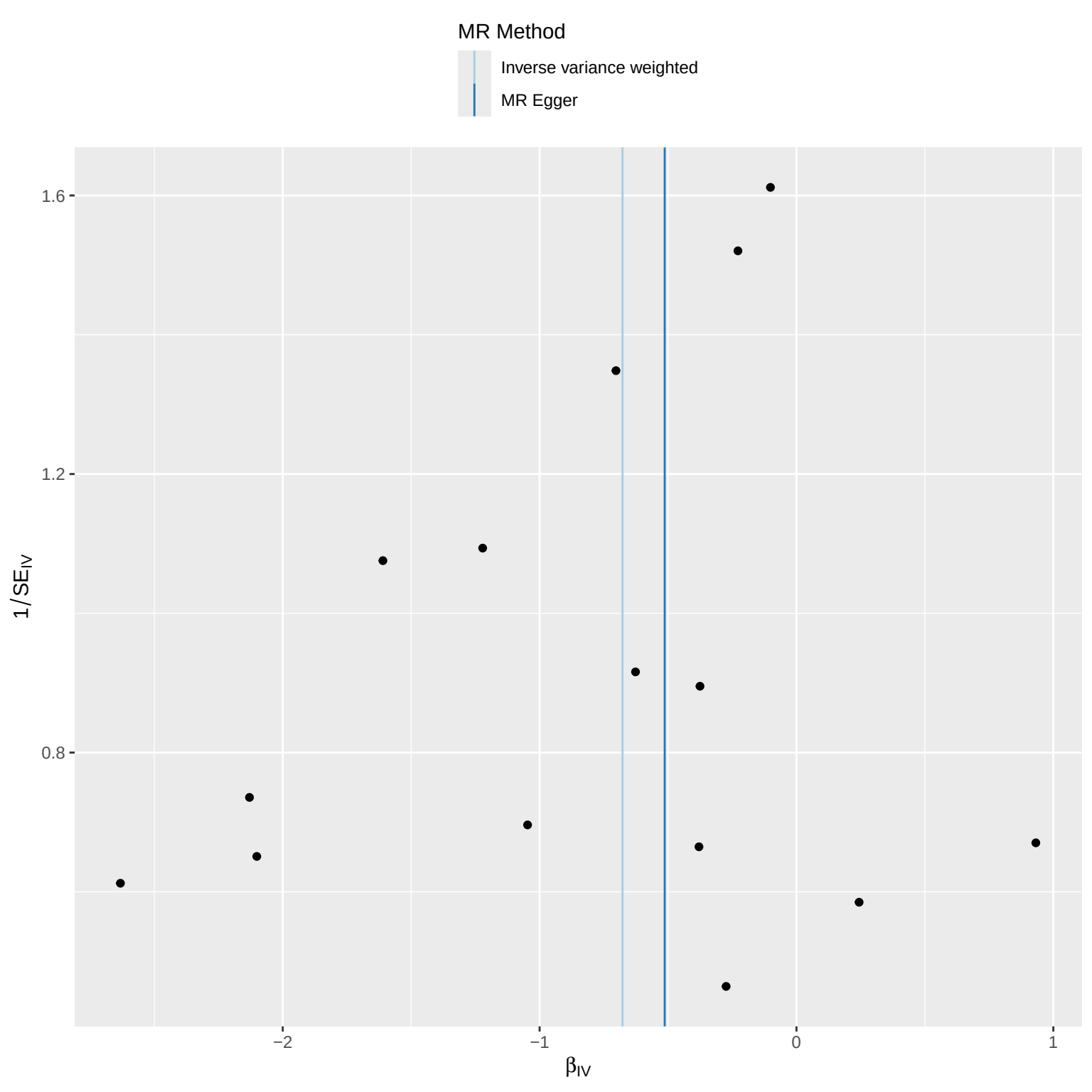

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
0.0
0.2
0.4
0.6
0.8
β_IV

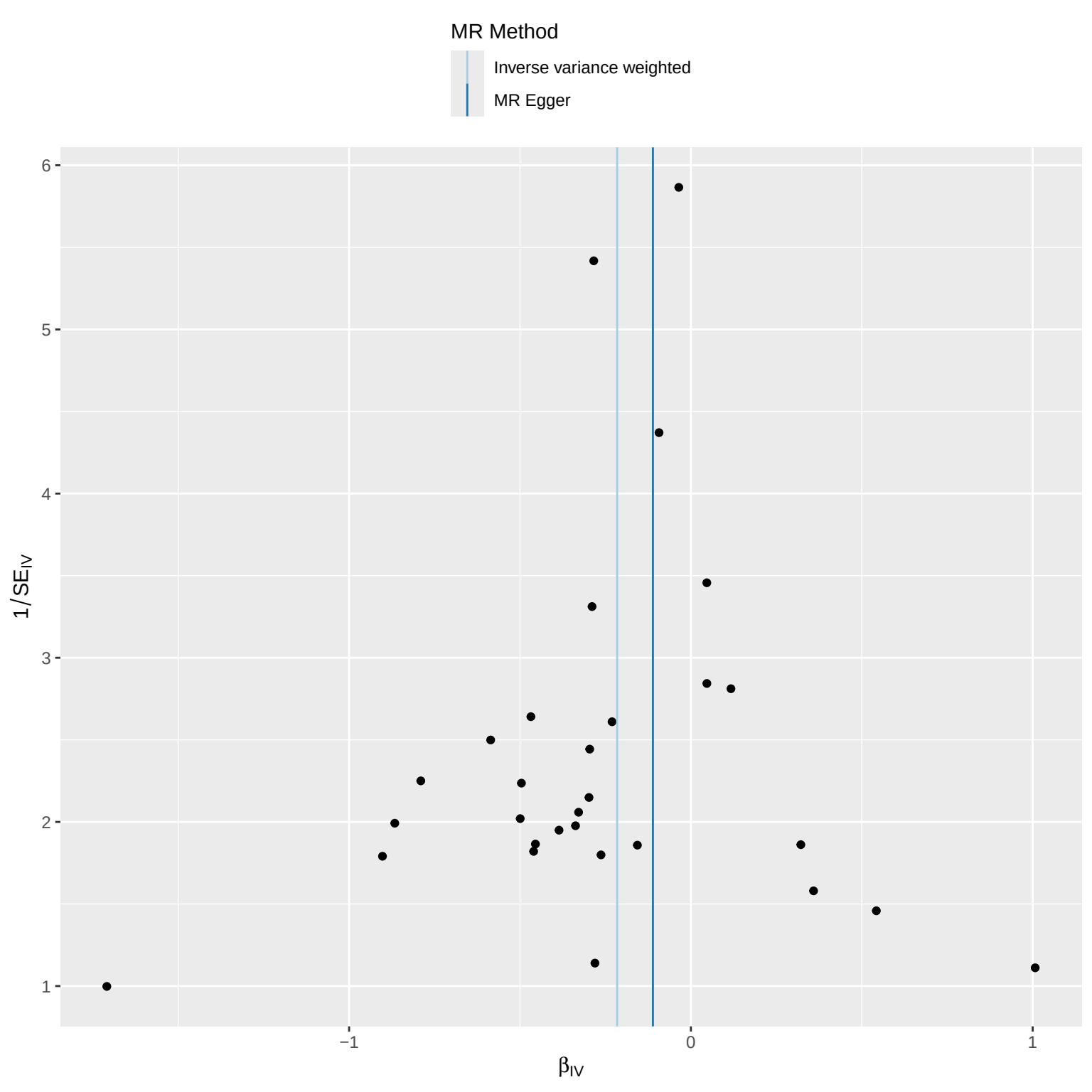

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

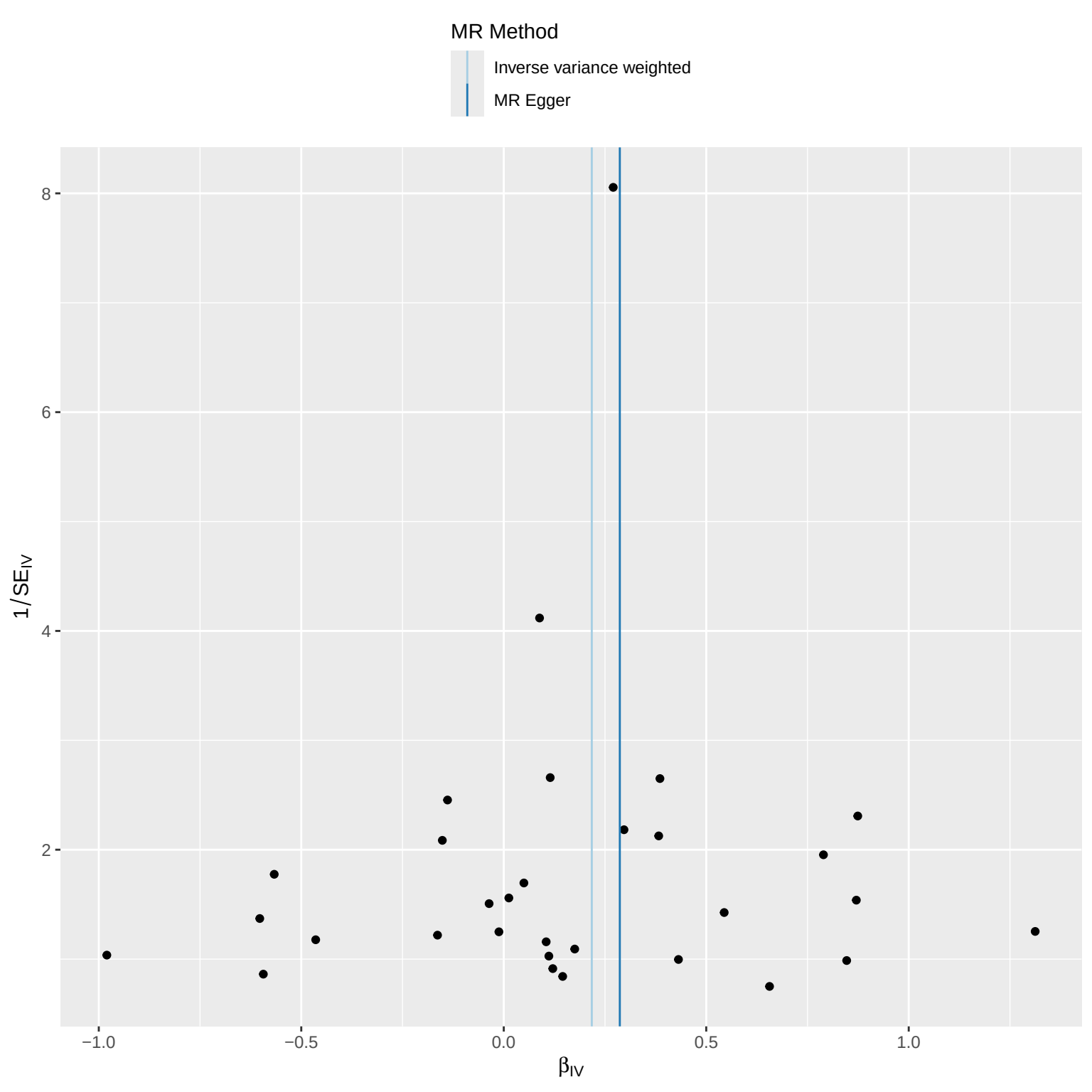

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

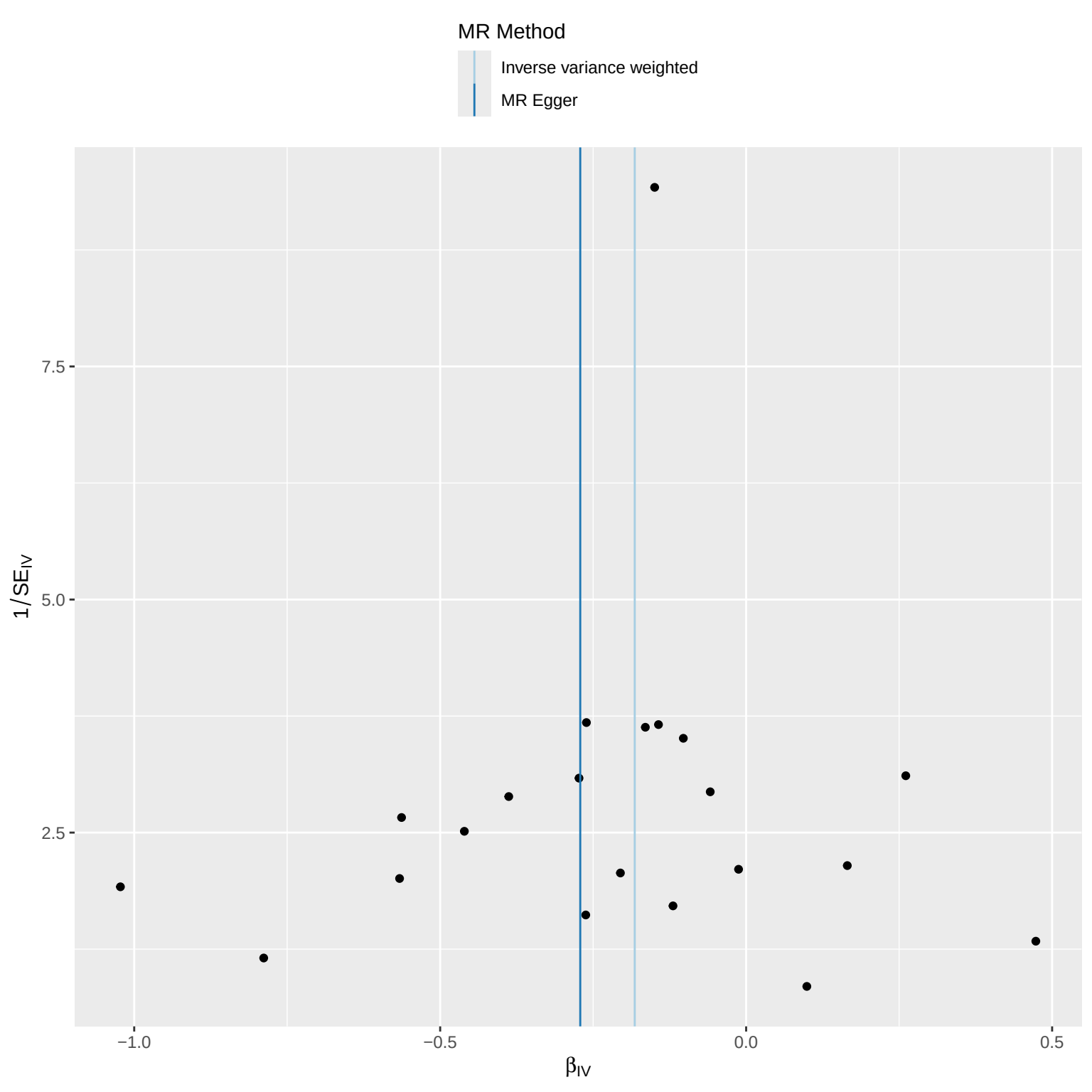

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

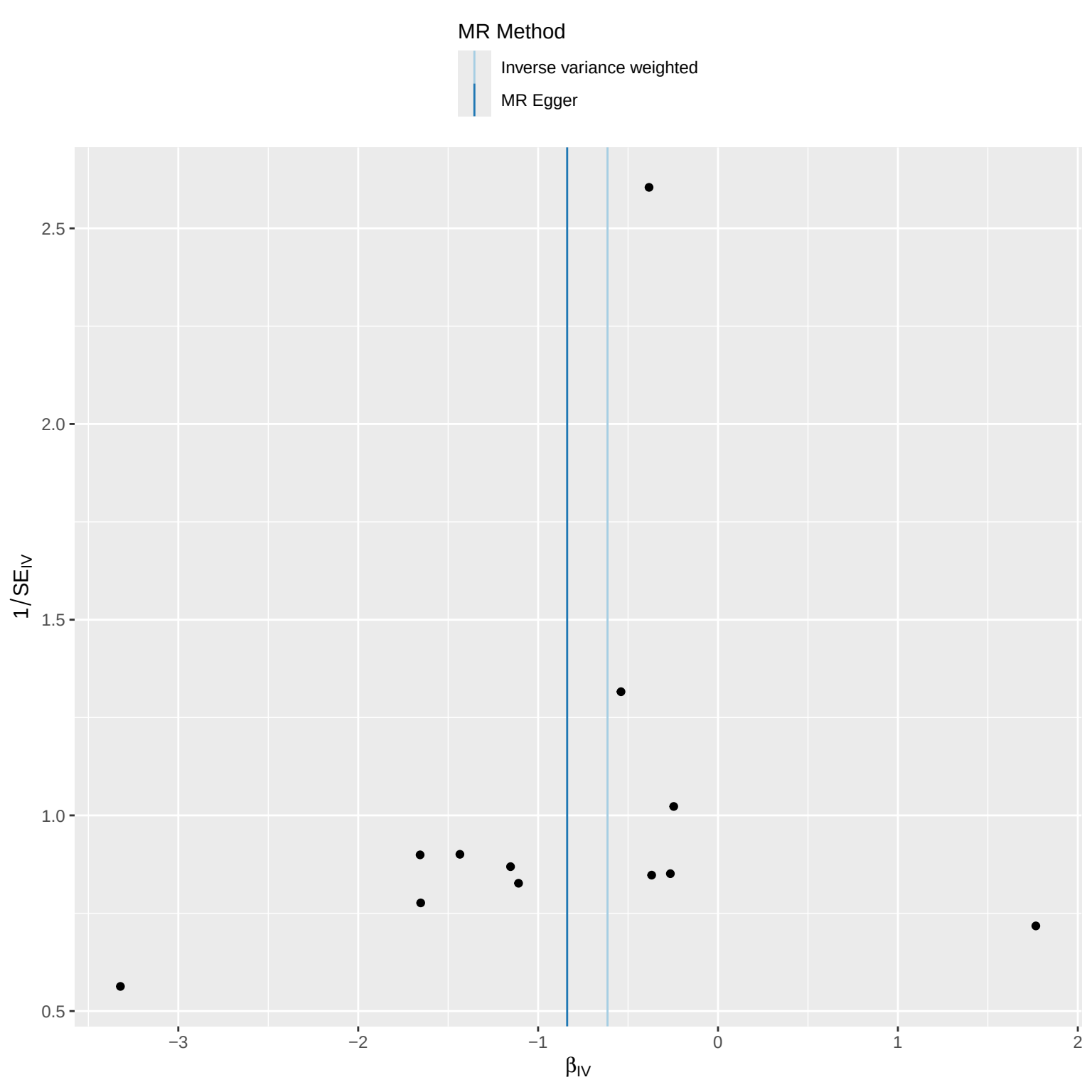

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

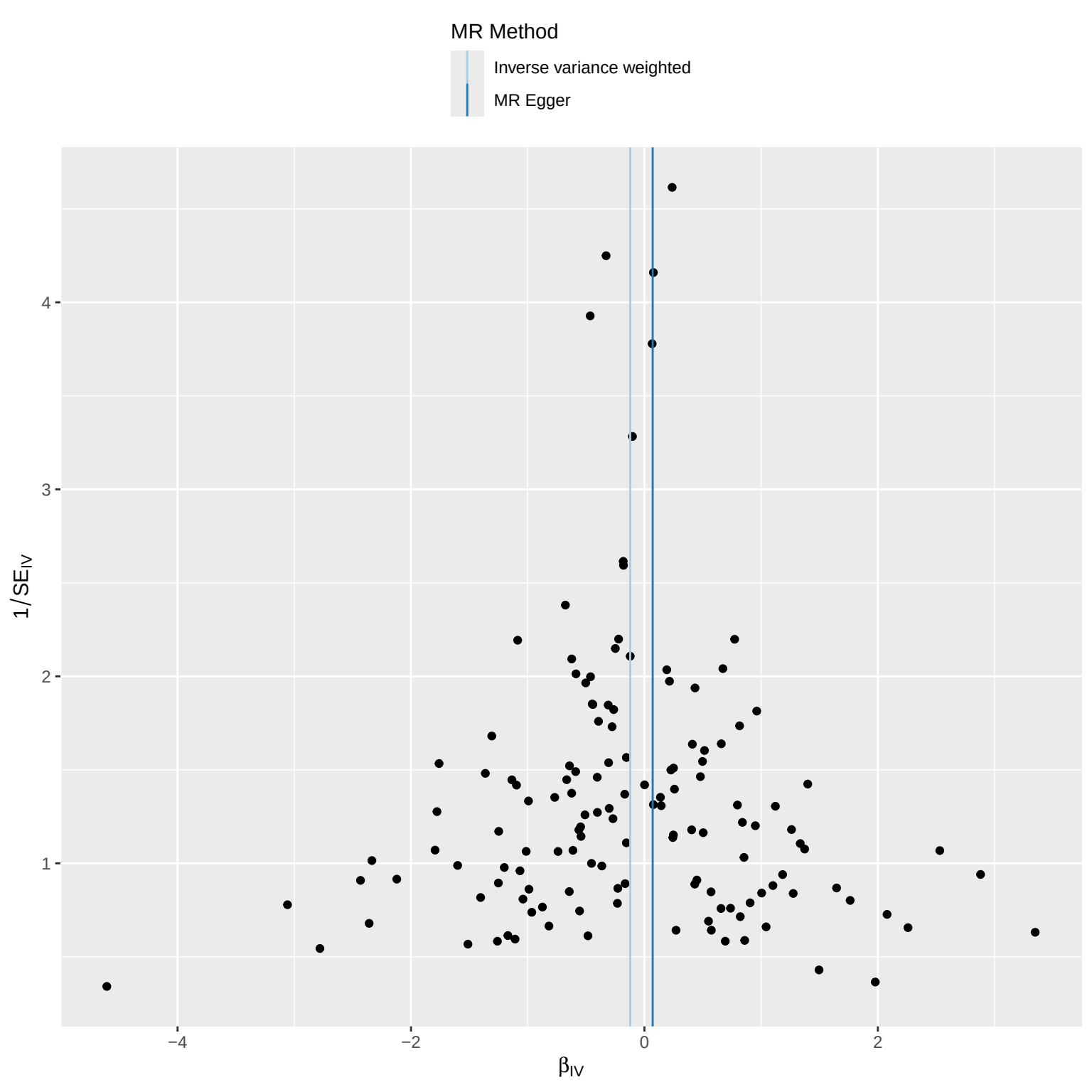

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2
−1
0
1
β_IV

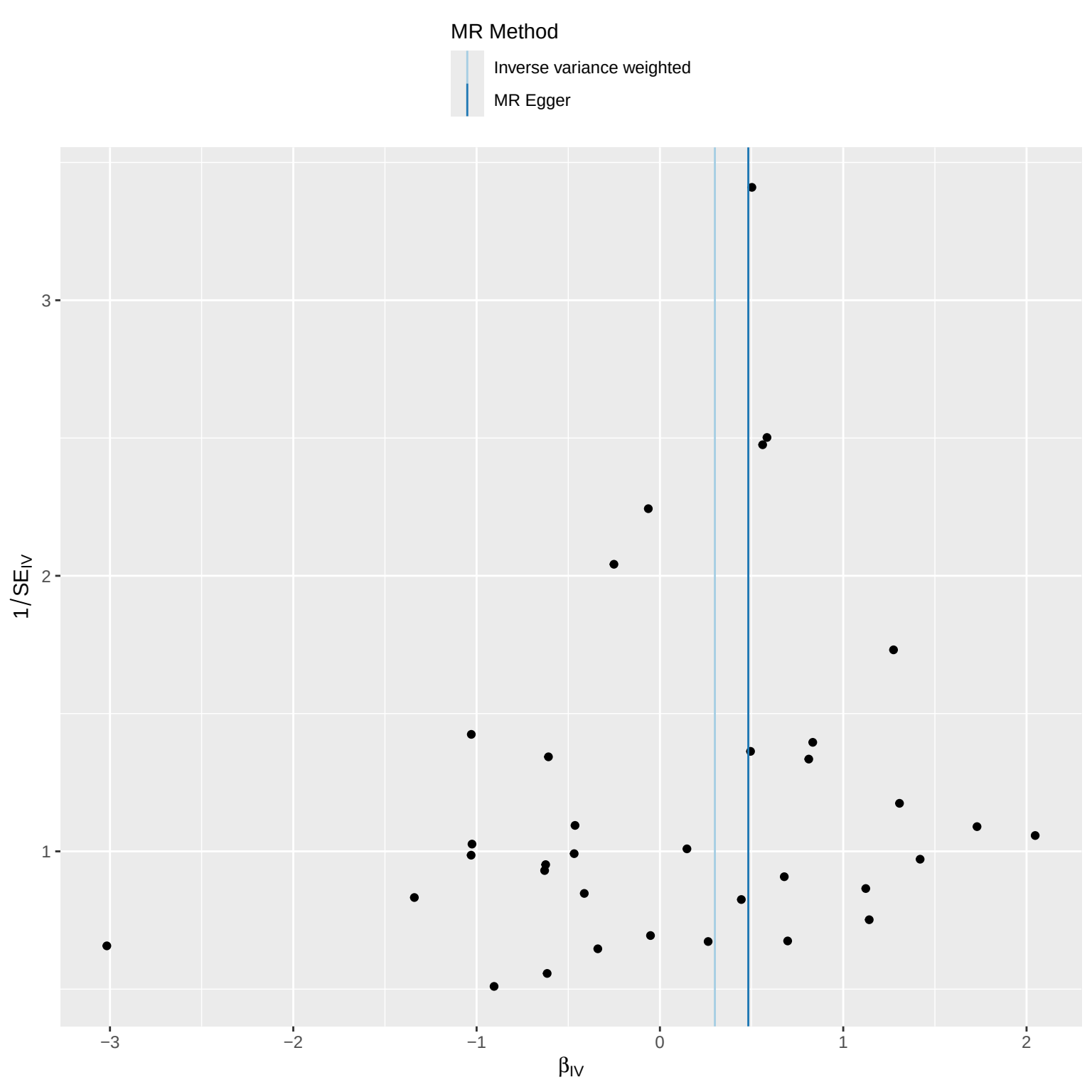

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

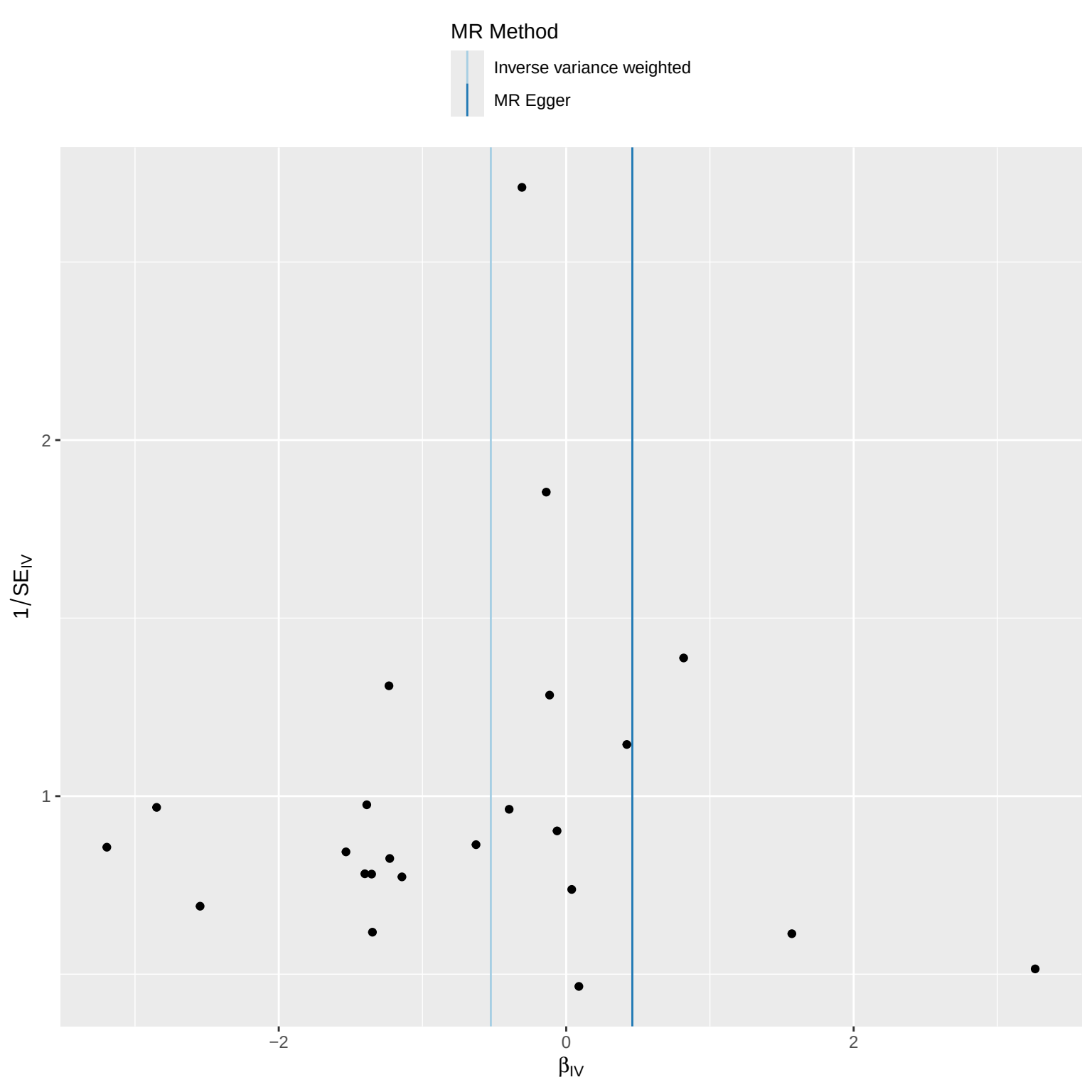

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

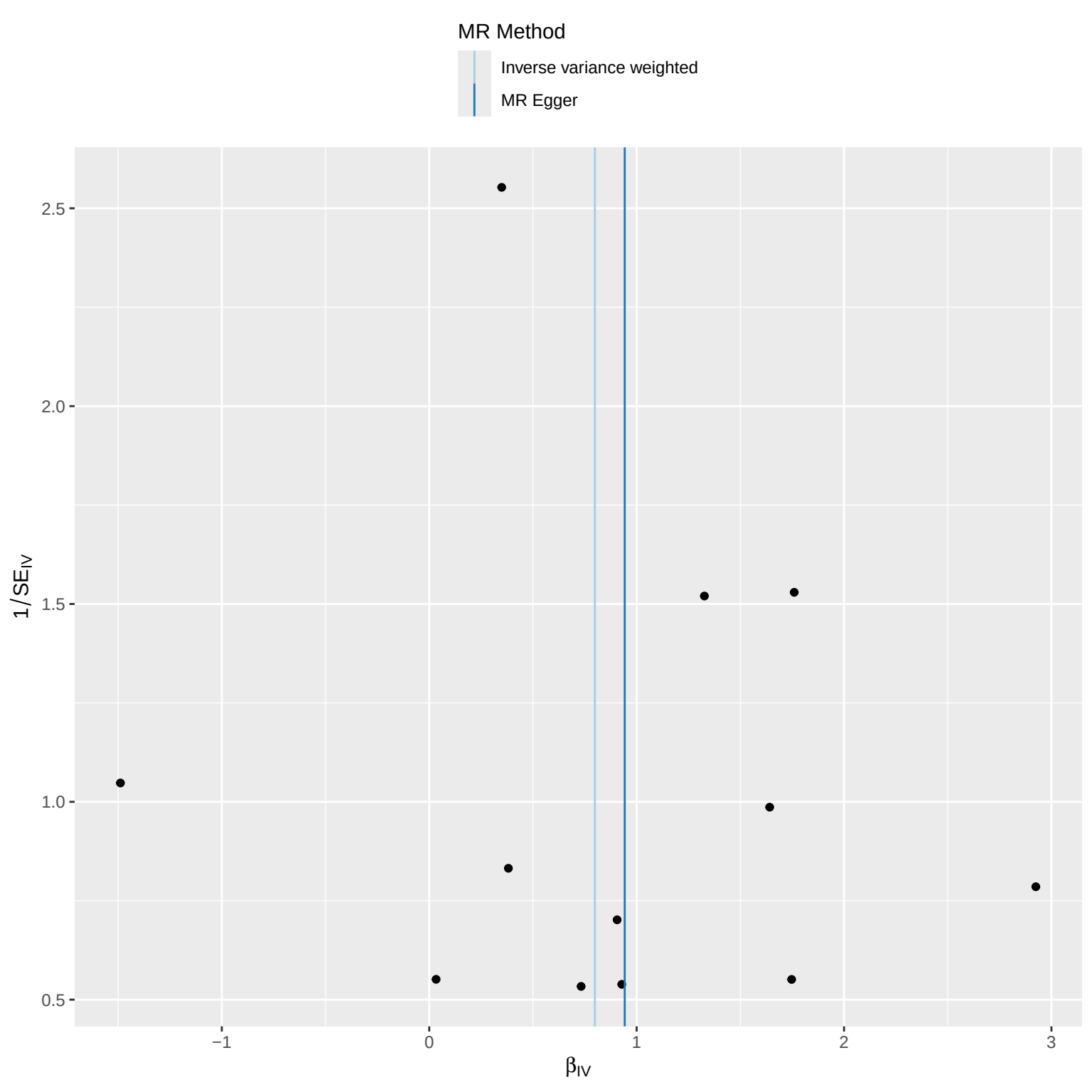

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

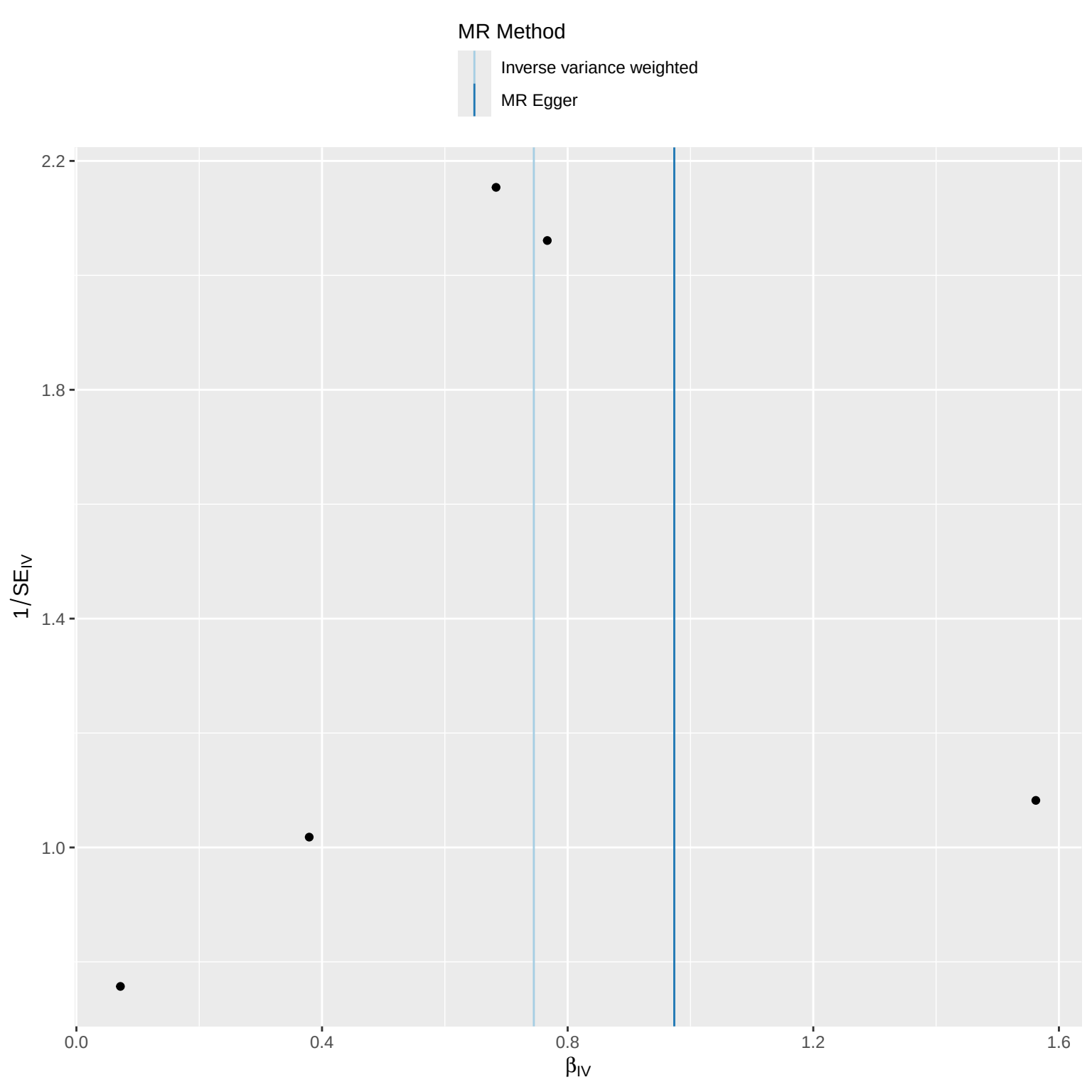

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

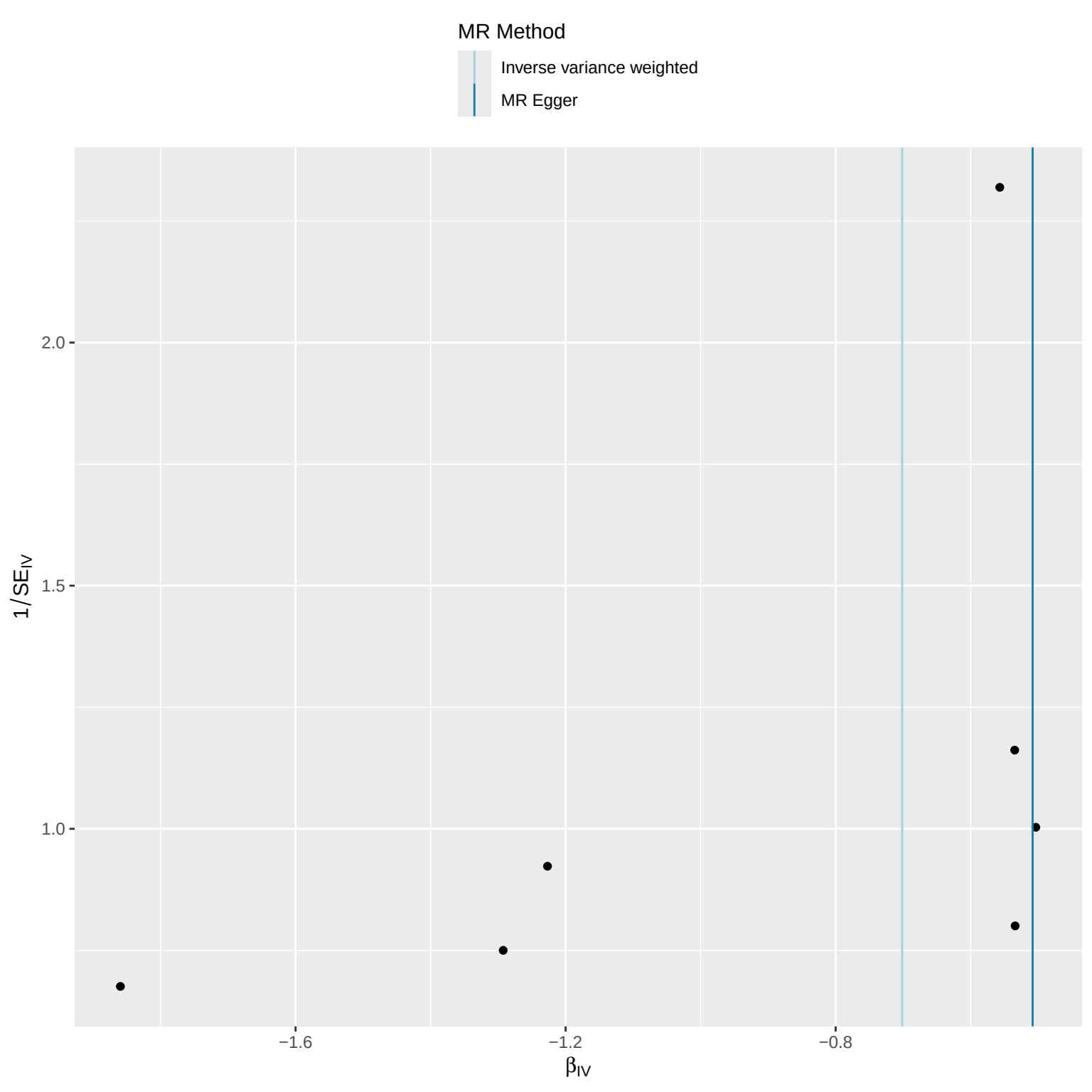

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

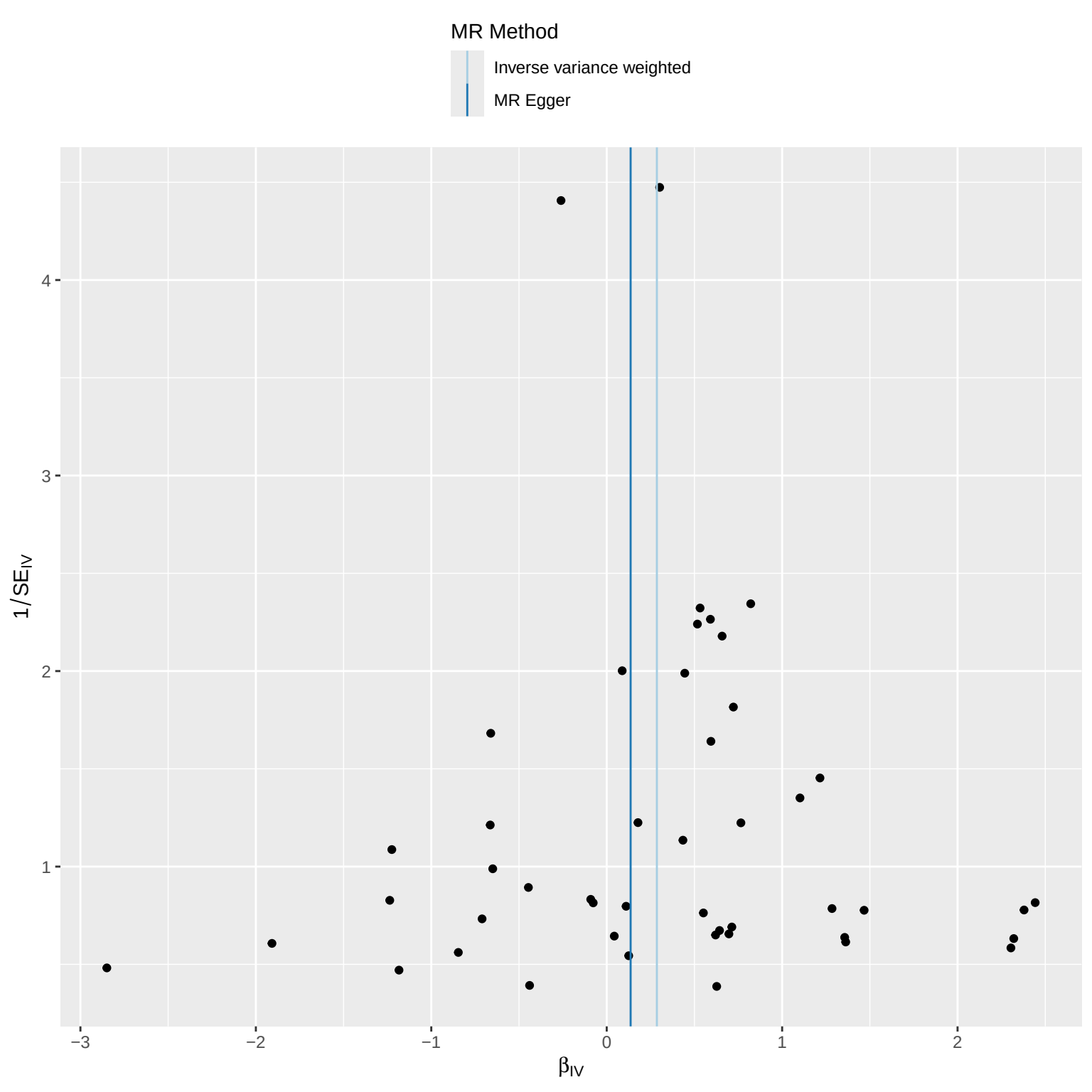

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

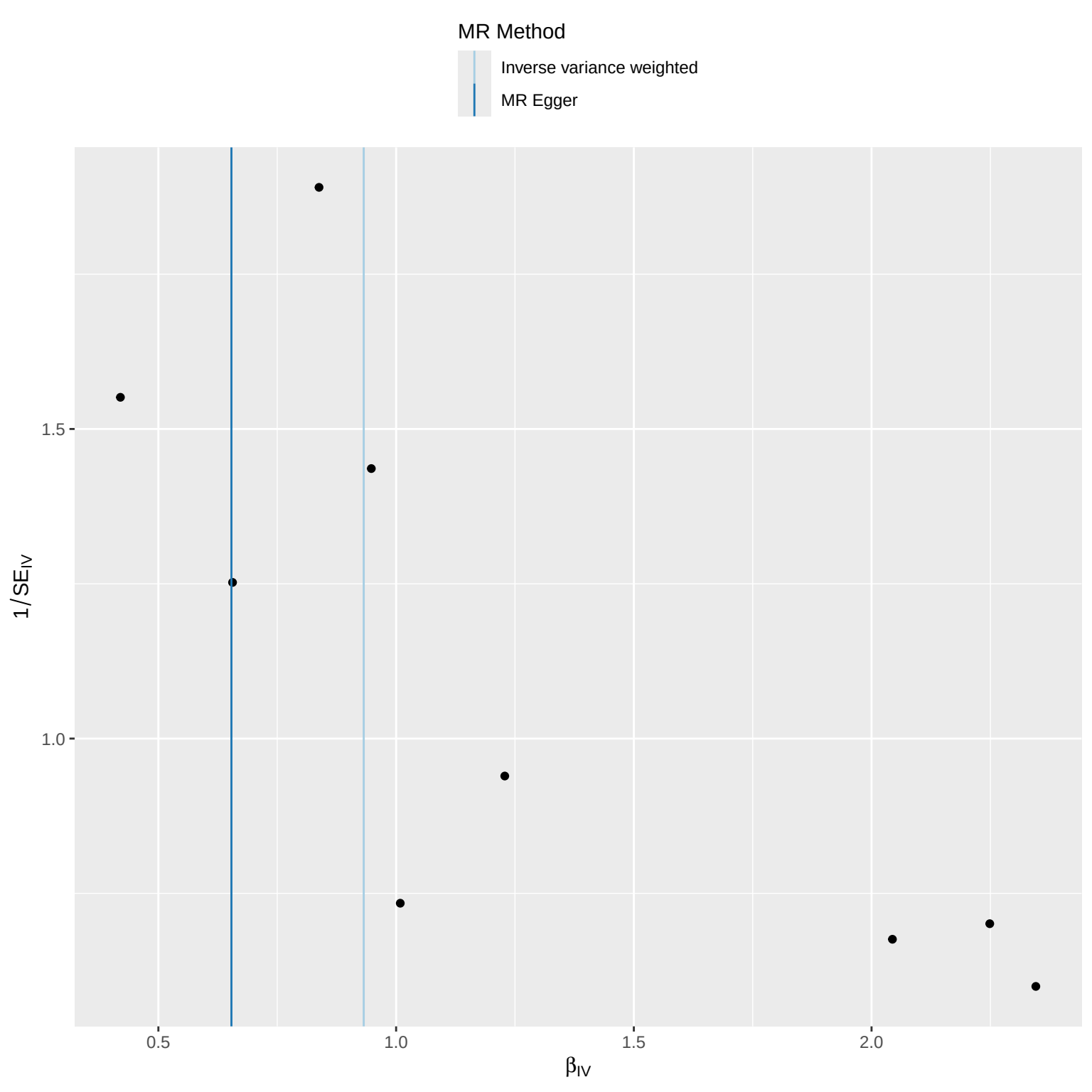

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

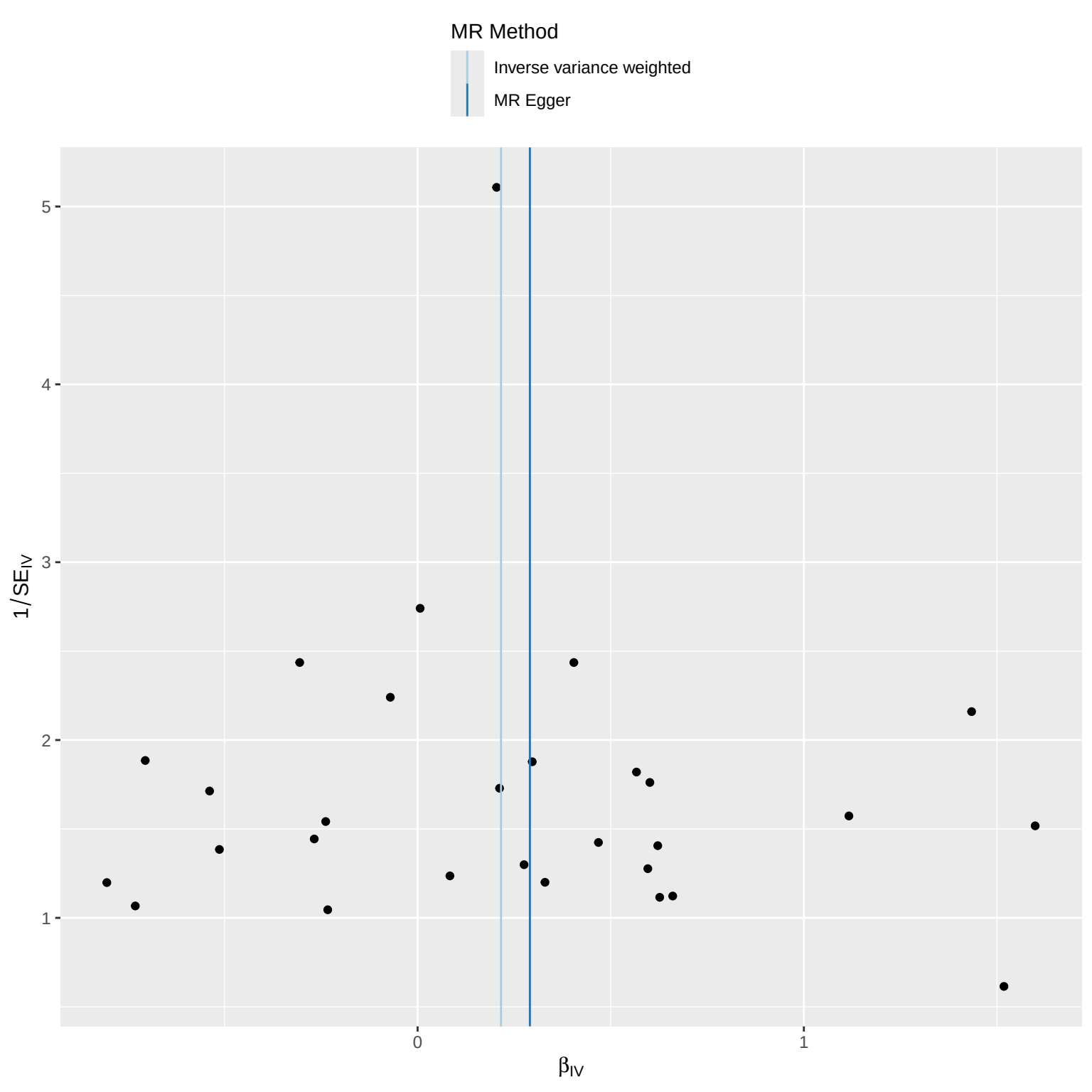

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

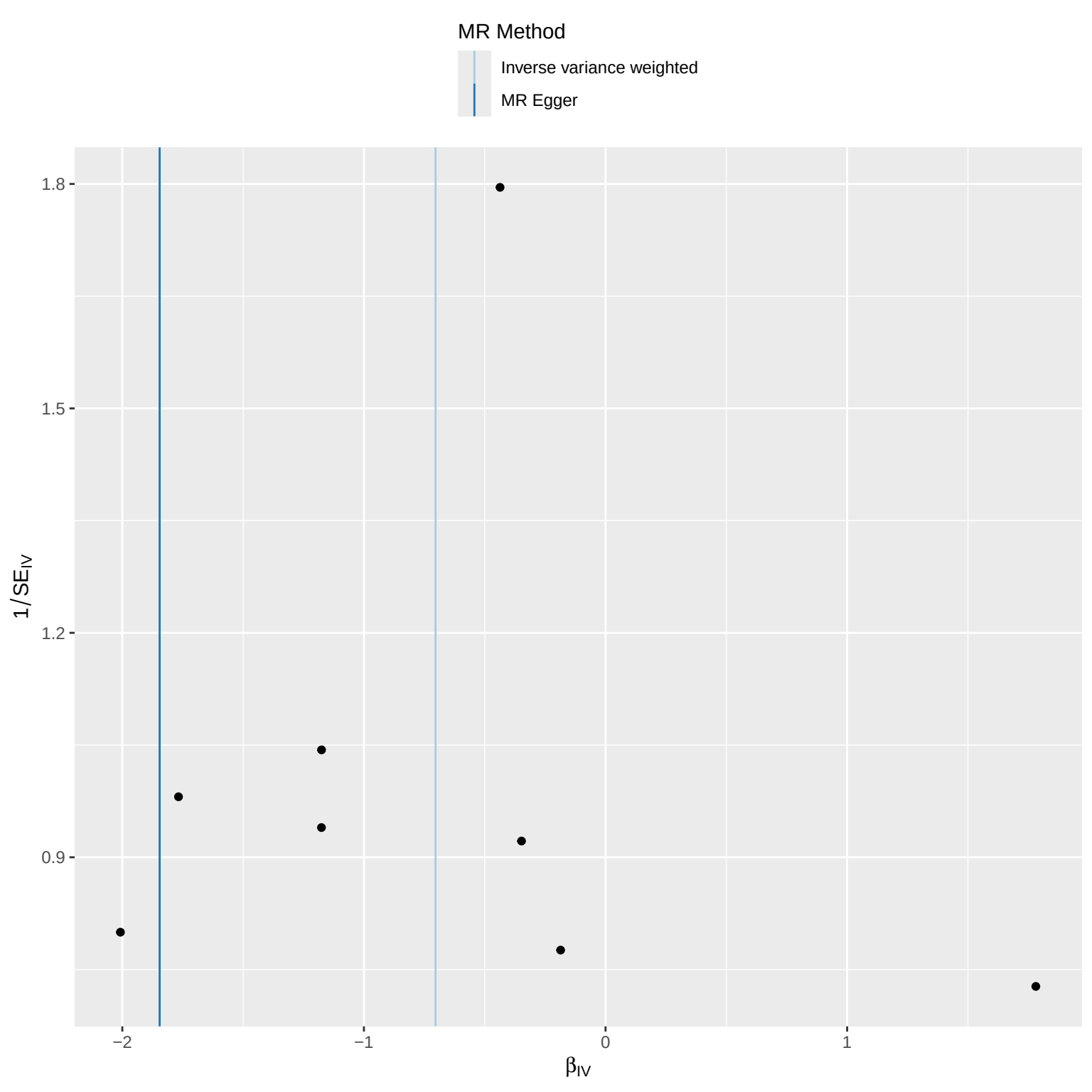

MR Method
Inverse variance weighted
MR Egger
2.2
1.8
1.4
1.0
1/SE_IV
0.0
0.4
0.8
1.2
1.6
β_IV

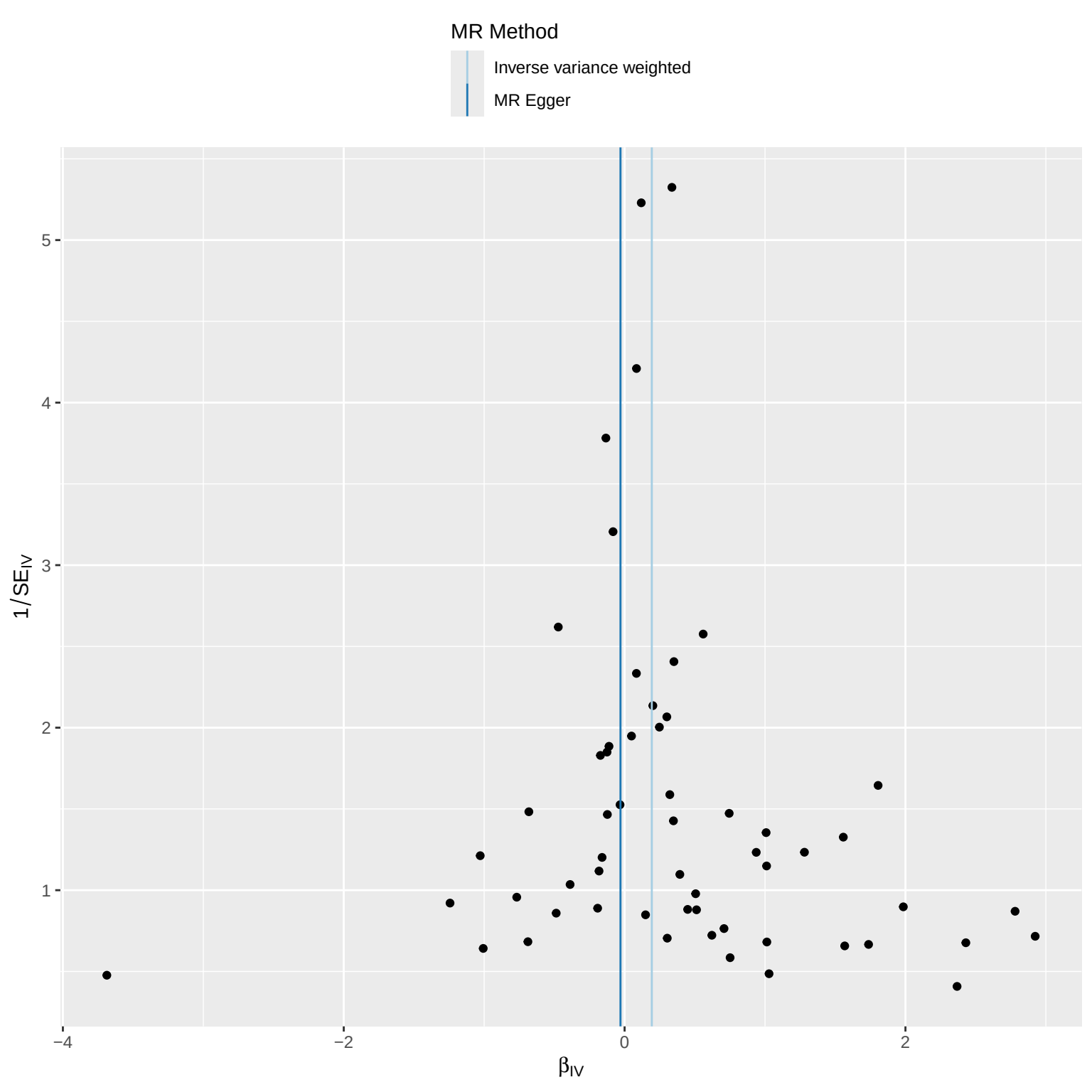

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.6
−1.2
−0.8
β_IV

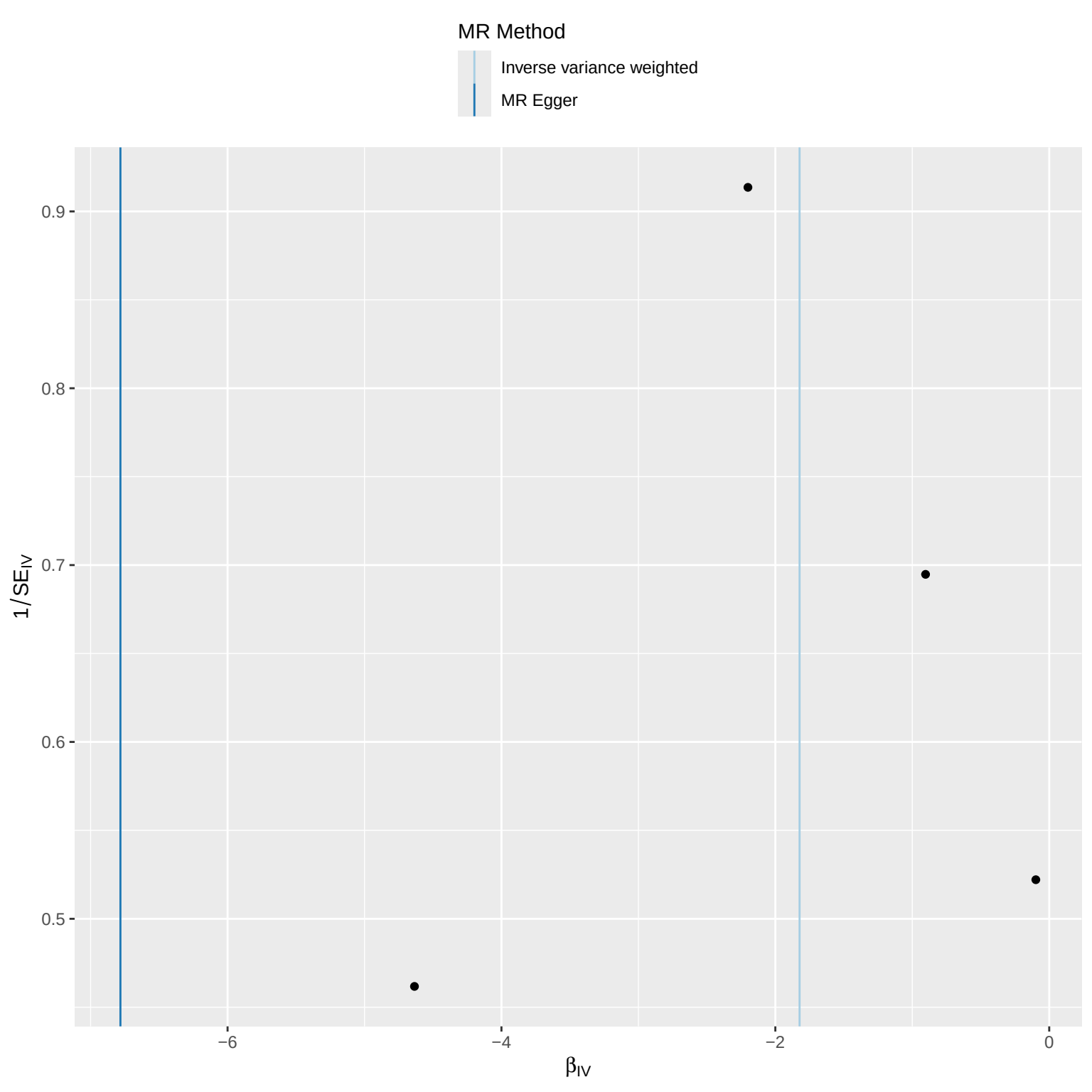

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

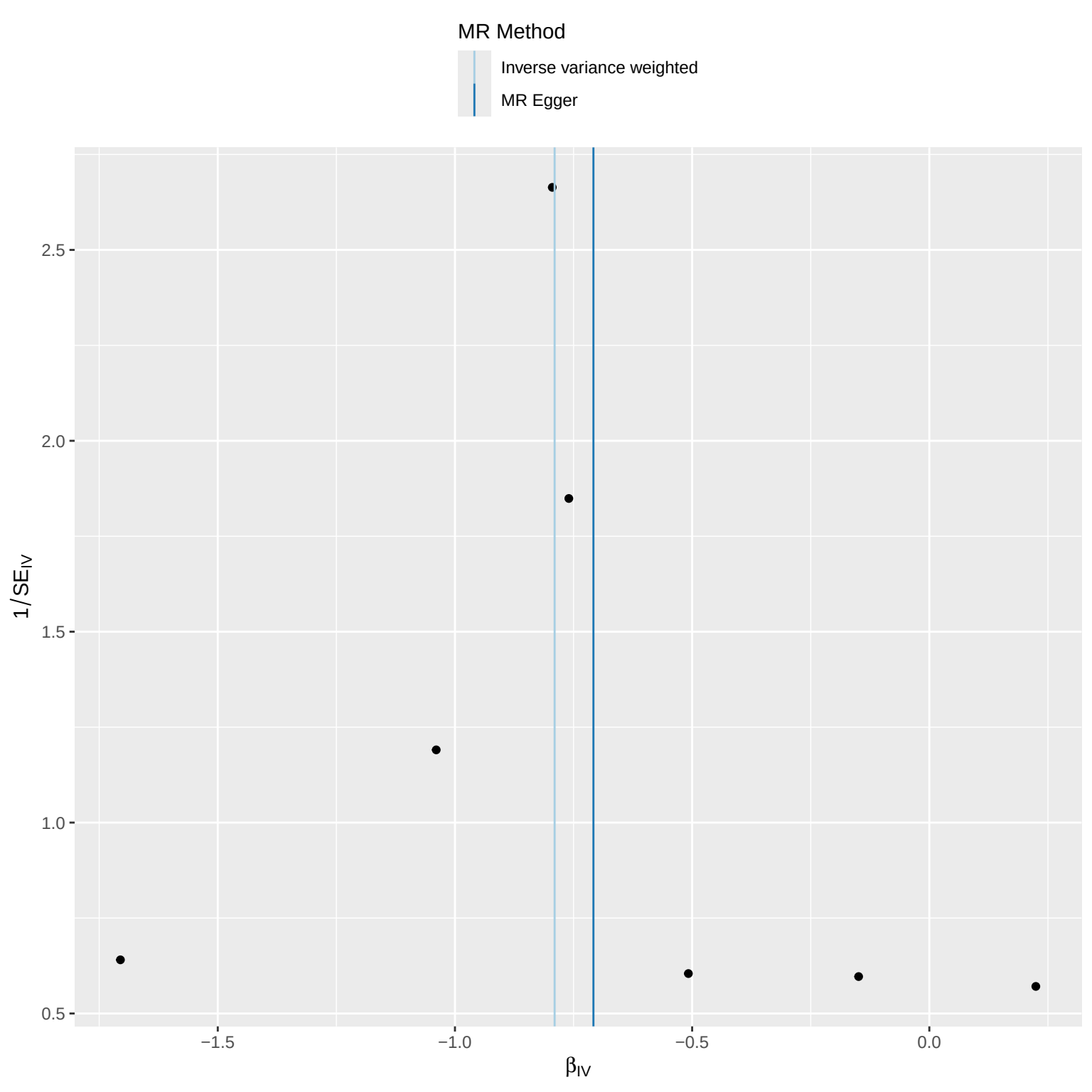

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

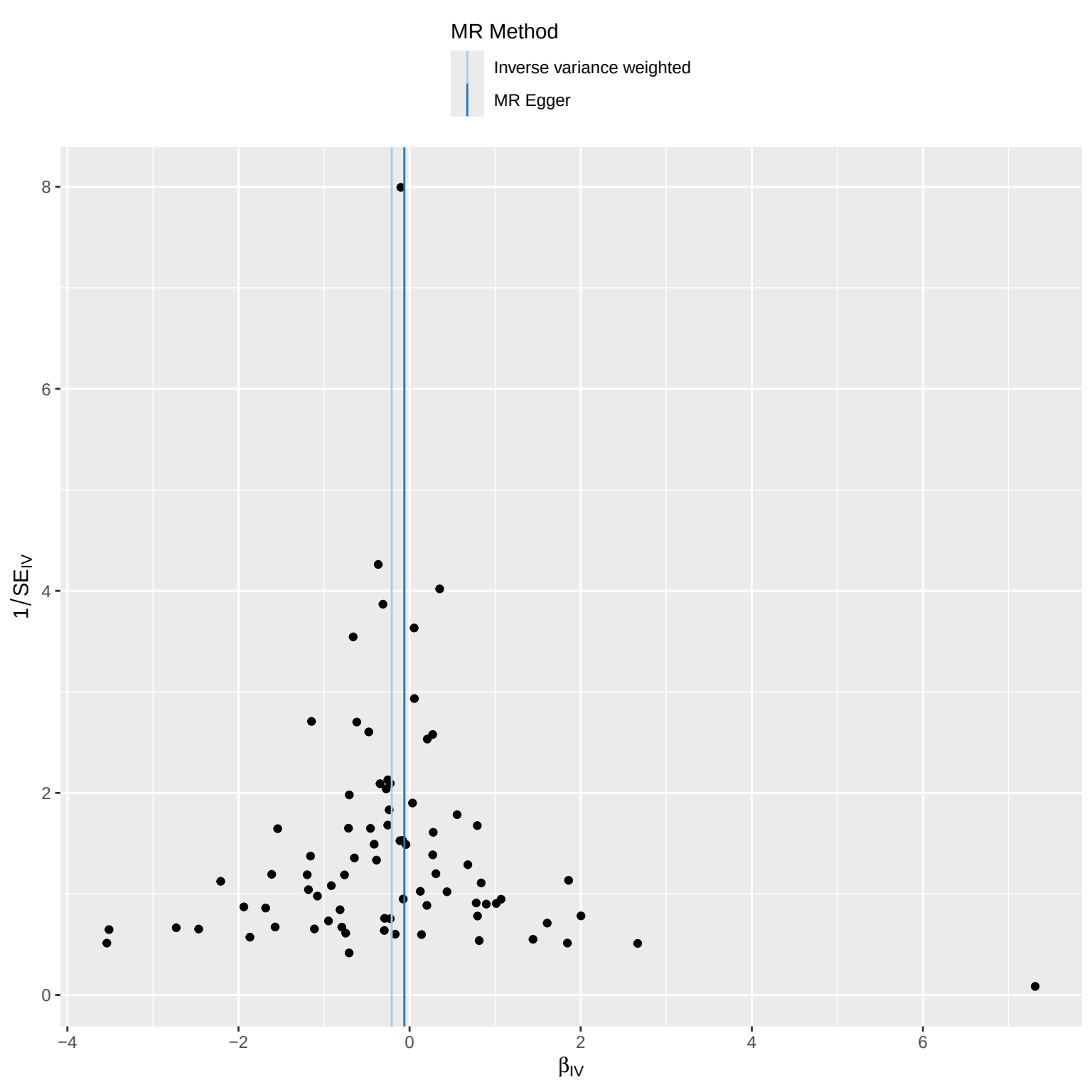

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
1
β_IV

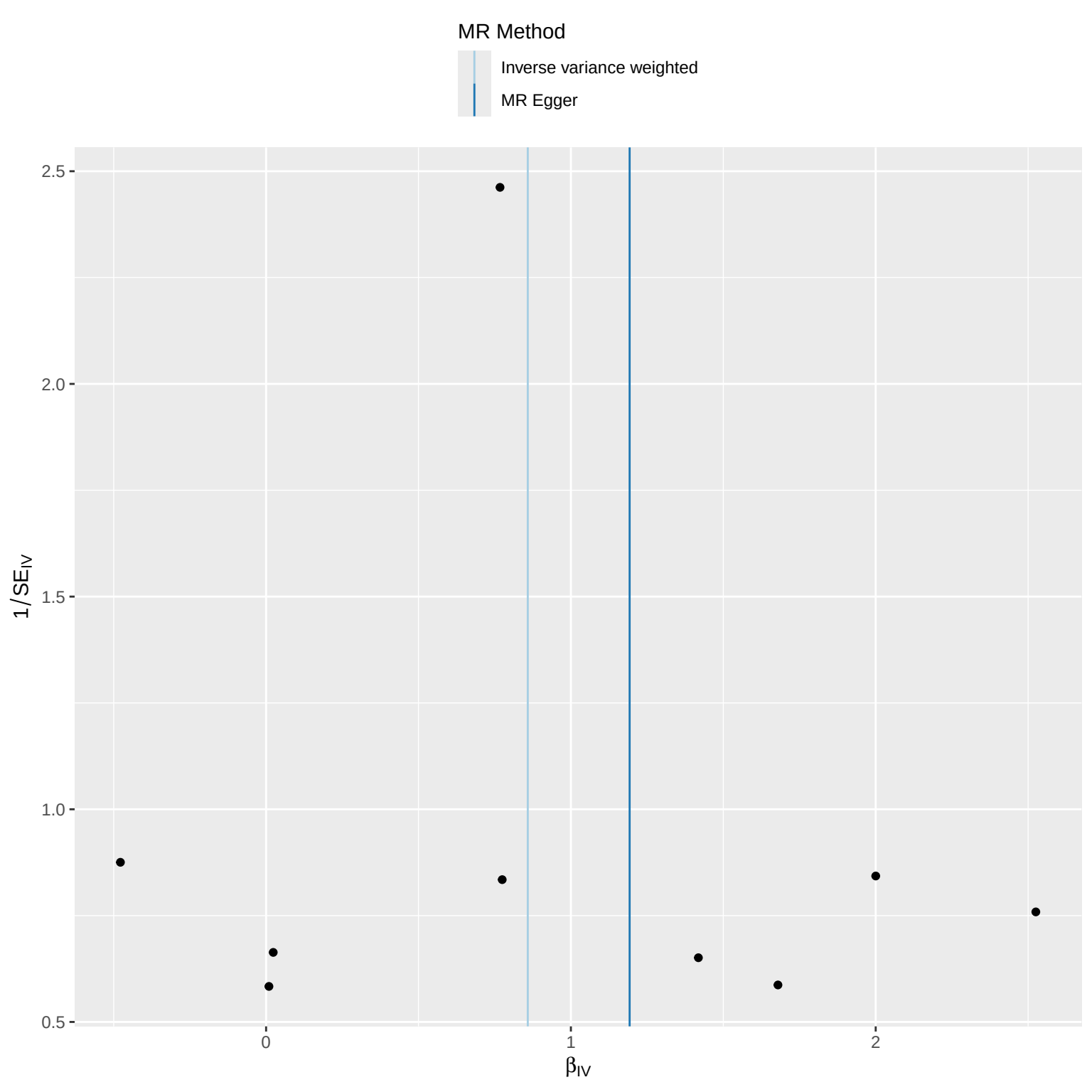

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
−2
−1
0
1
β_IV

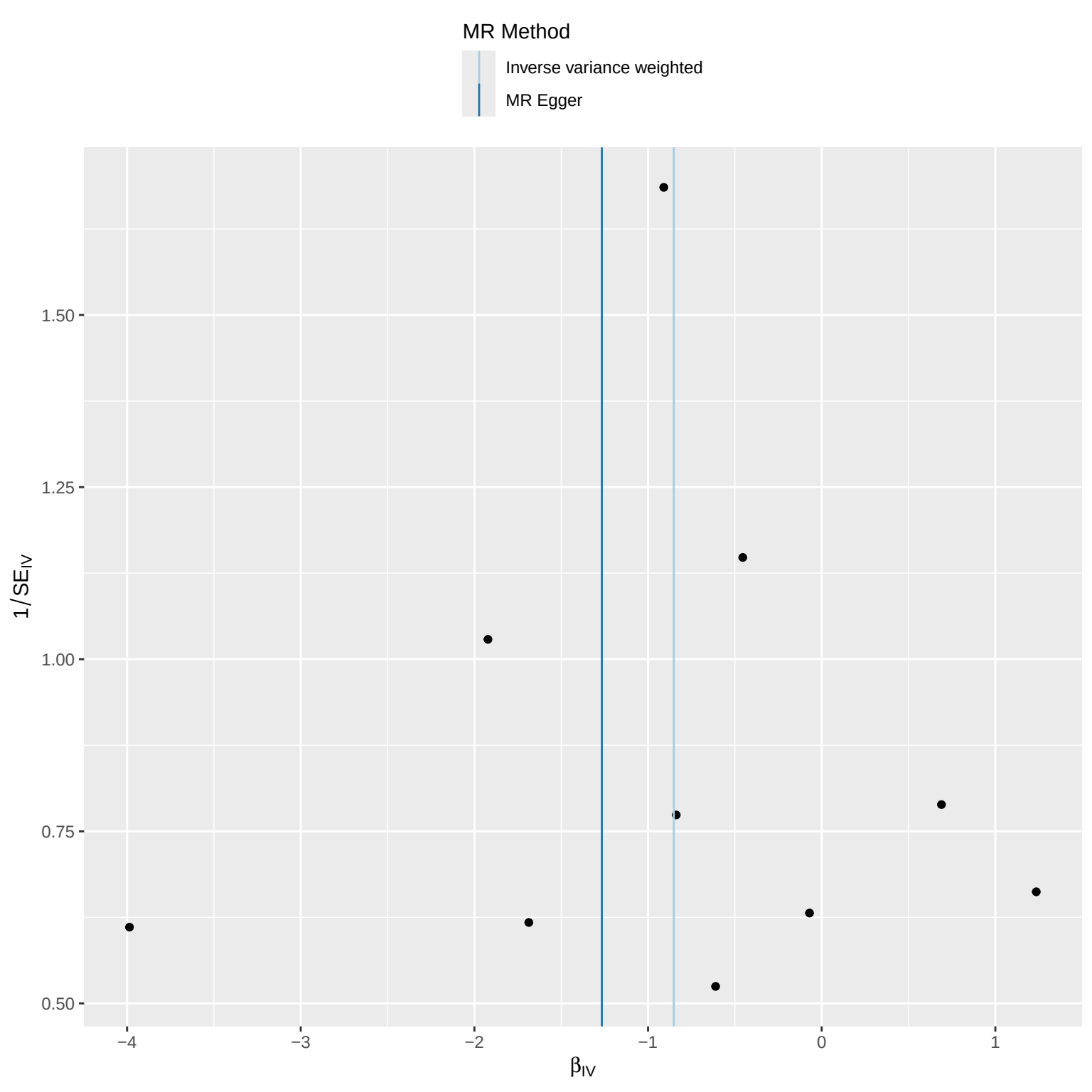

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

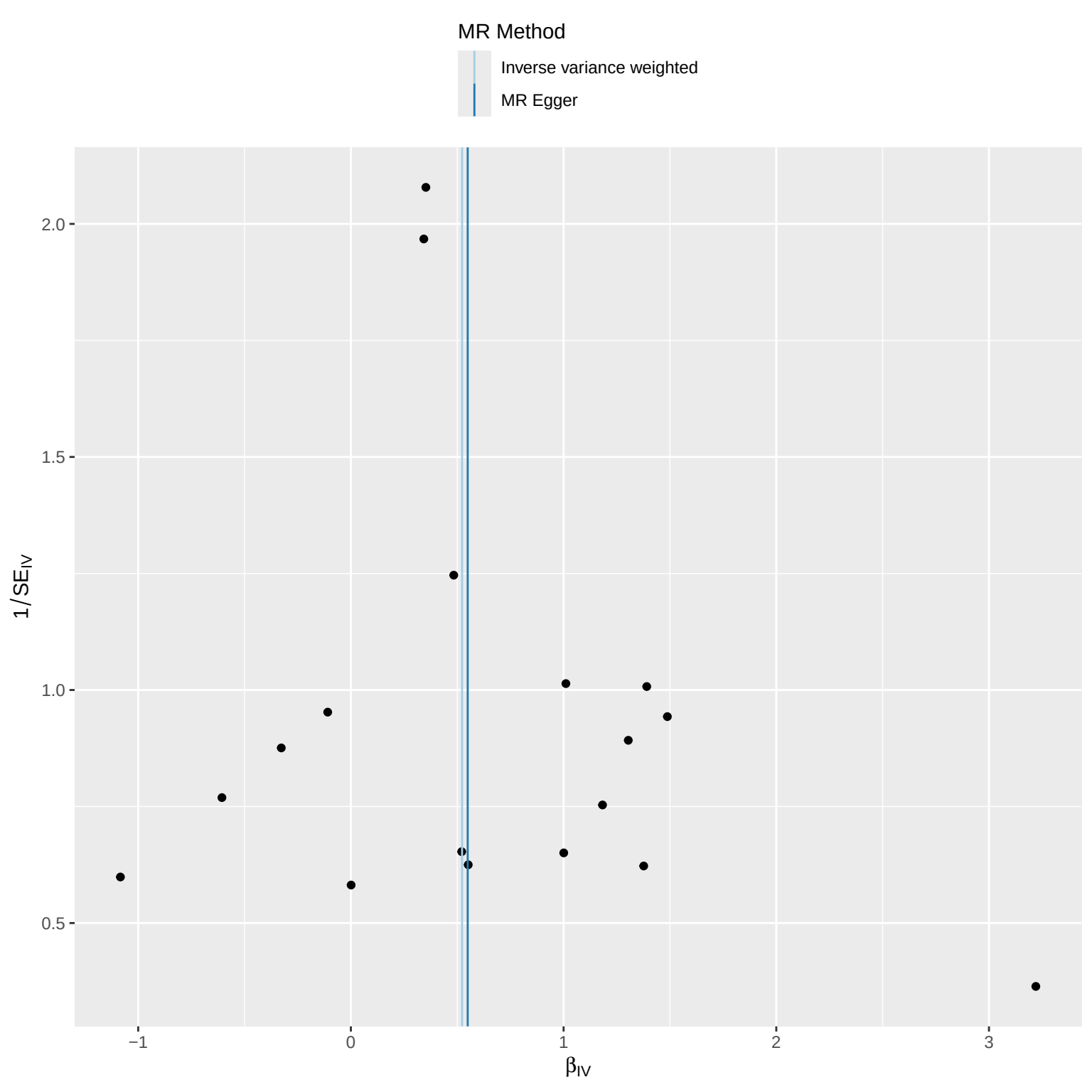

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−6
−4
−2
0
β_IV

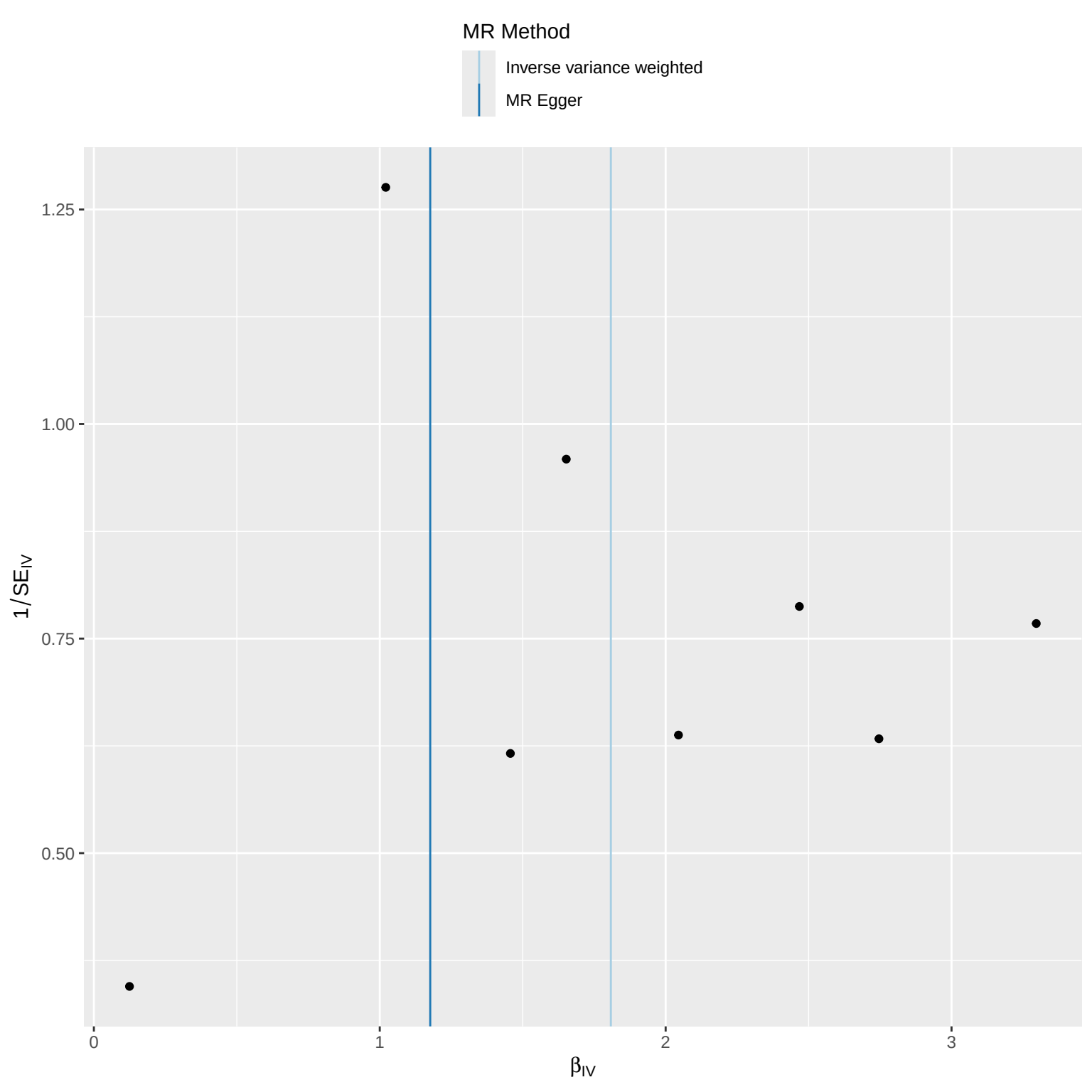

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

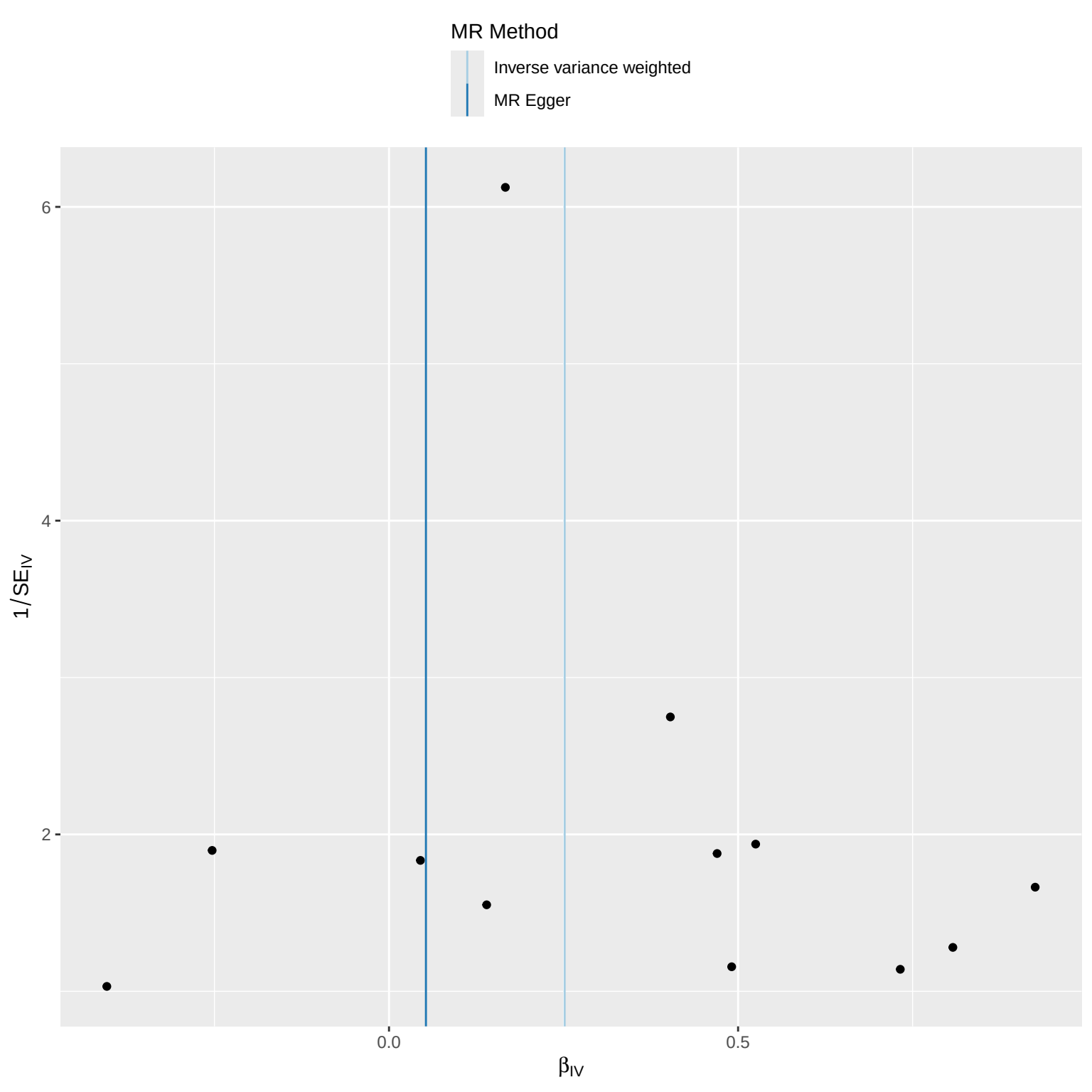

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−4
−2
0
2
4
6
β_IV

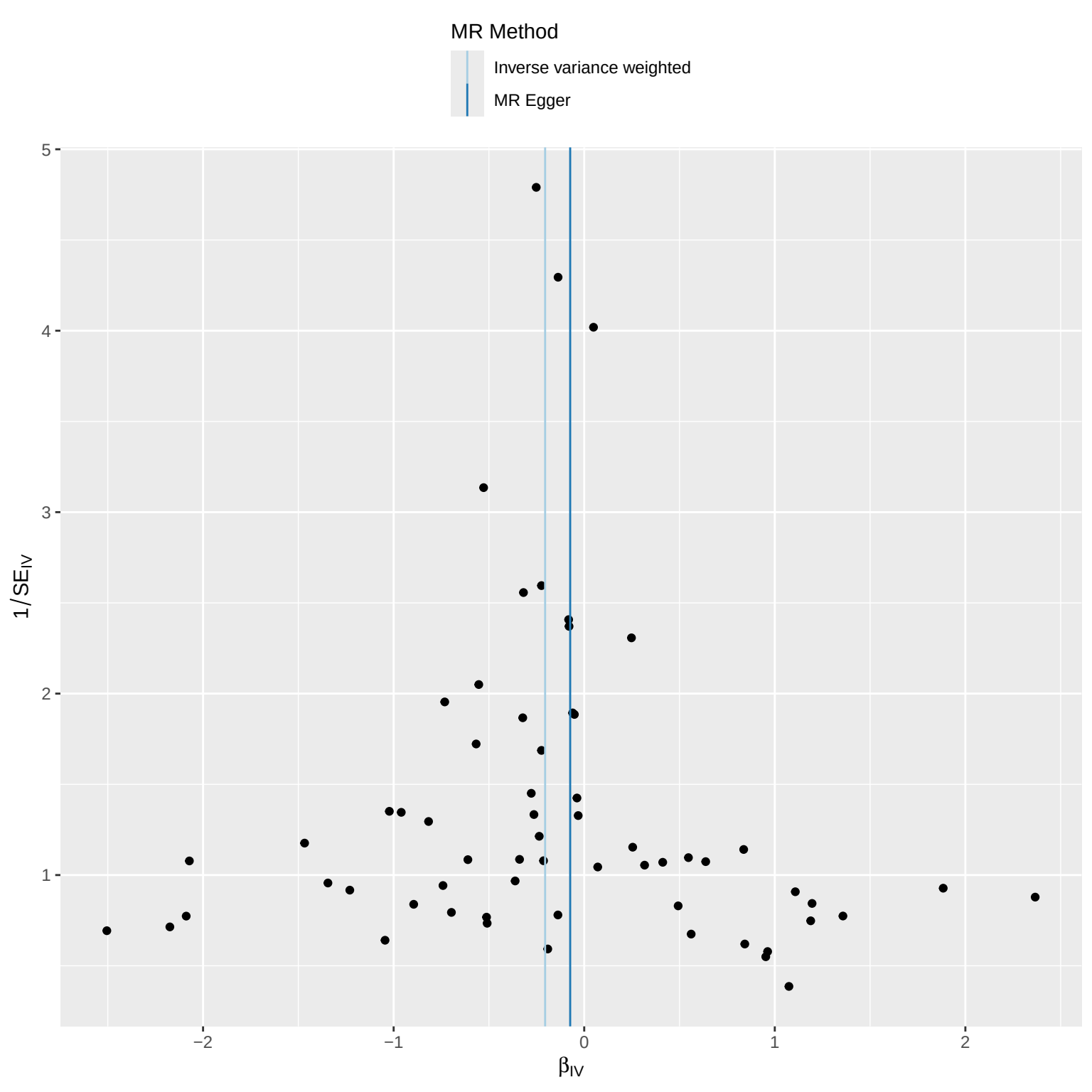

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

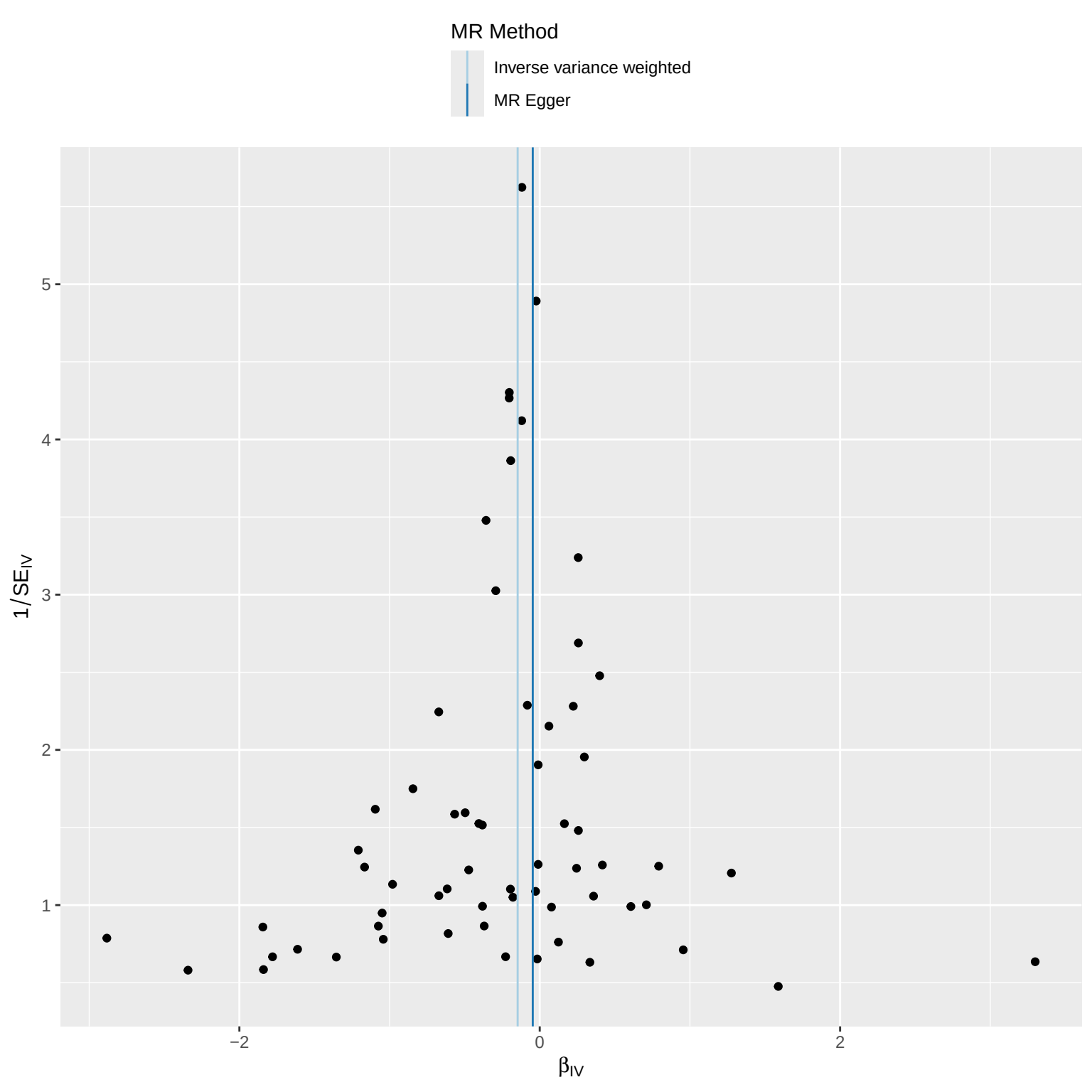

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

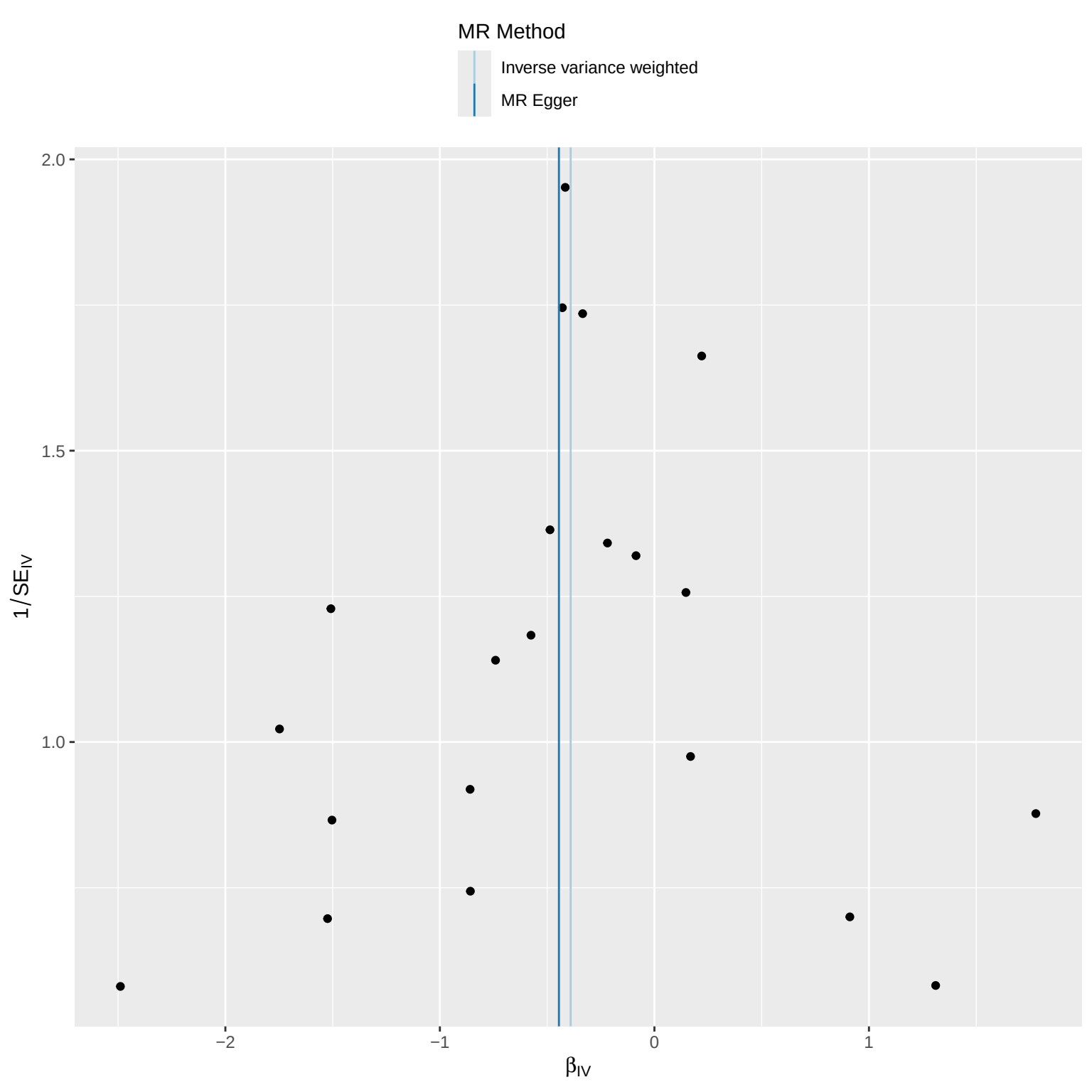

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

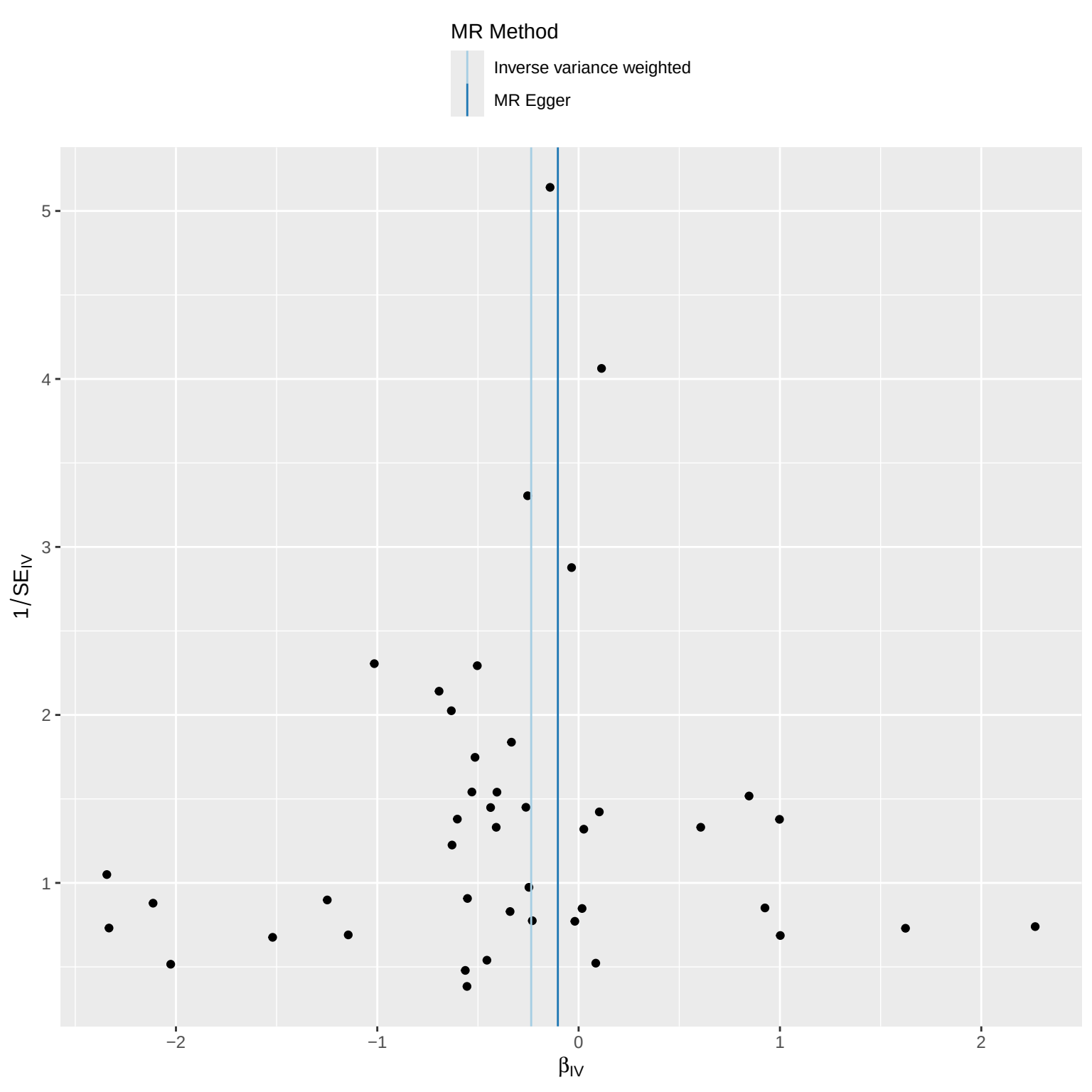

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
3
β_IV

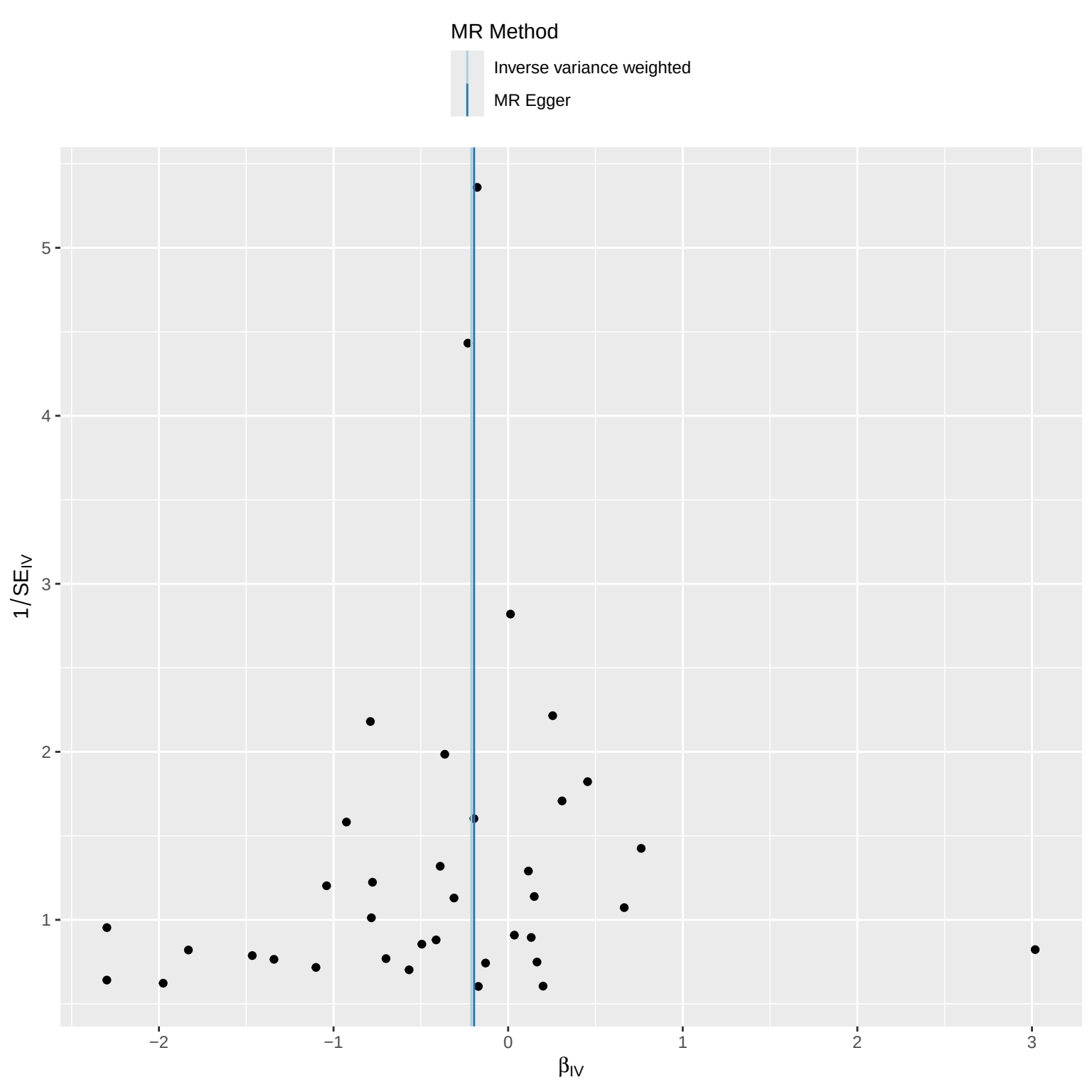

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
β_IV

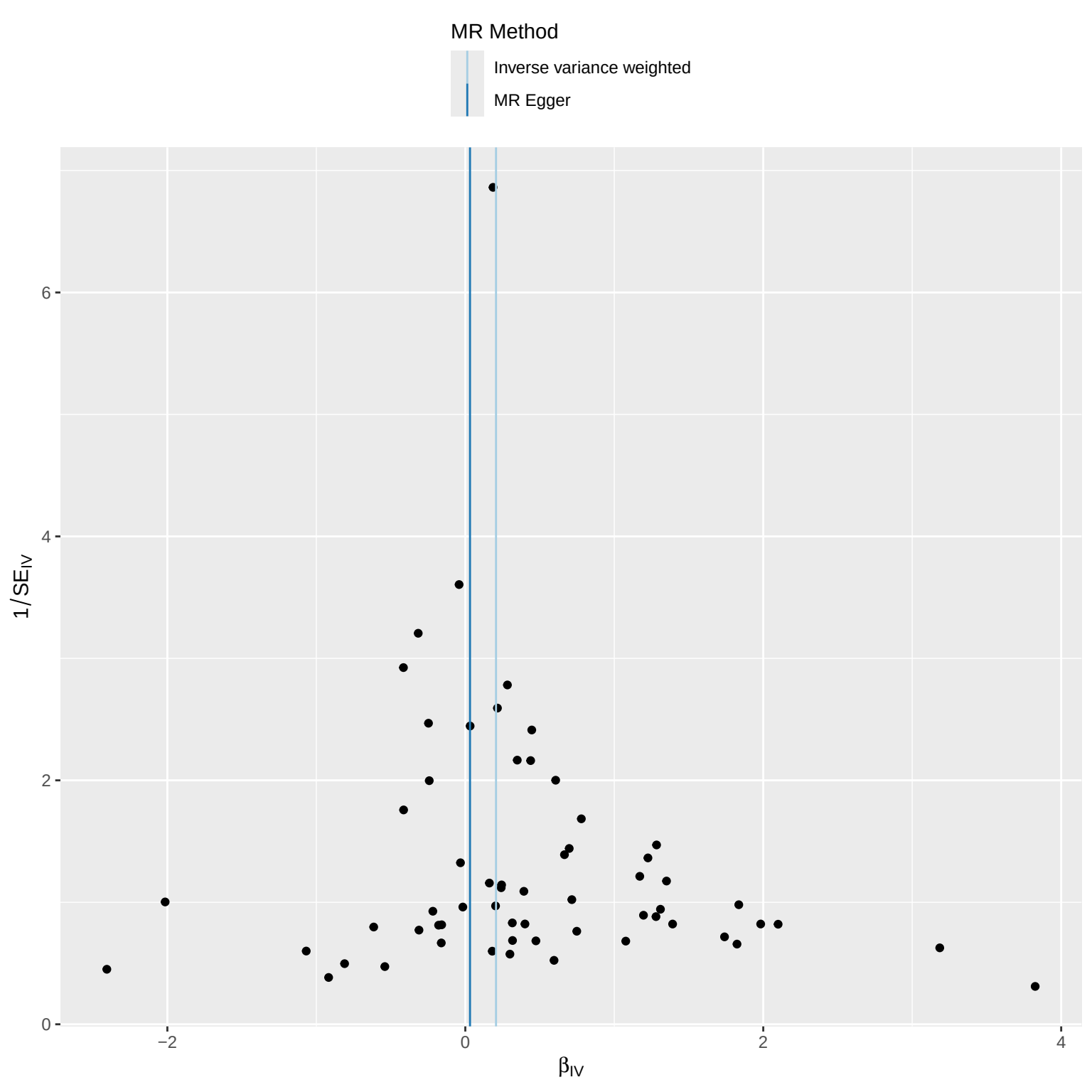

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

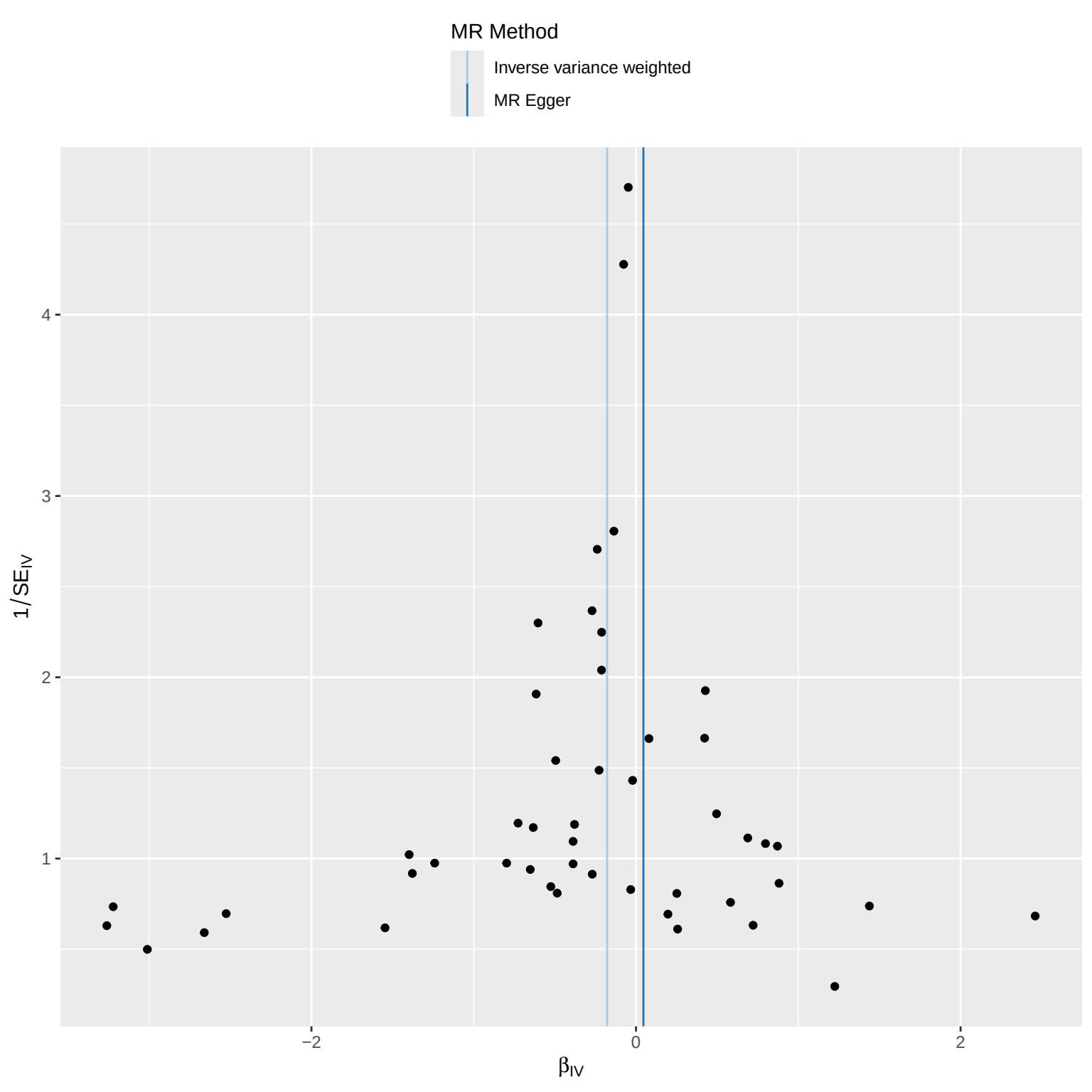

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−2
0
2
β_IV

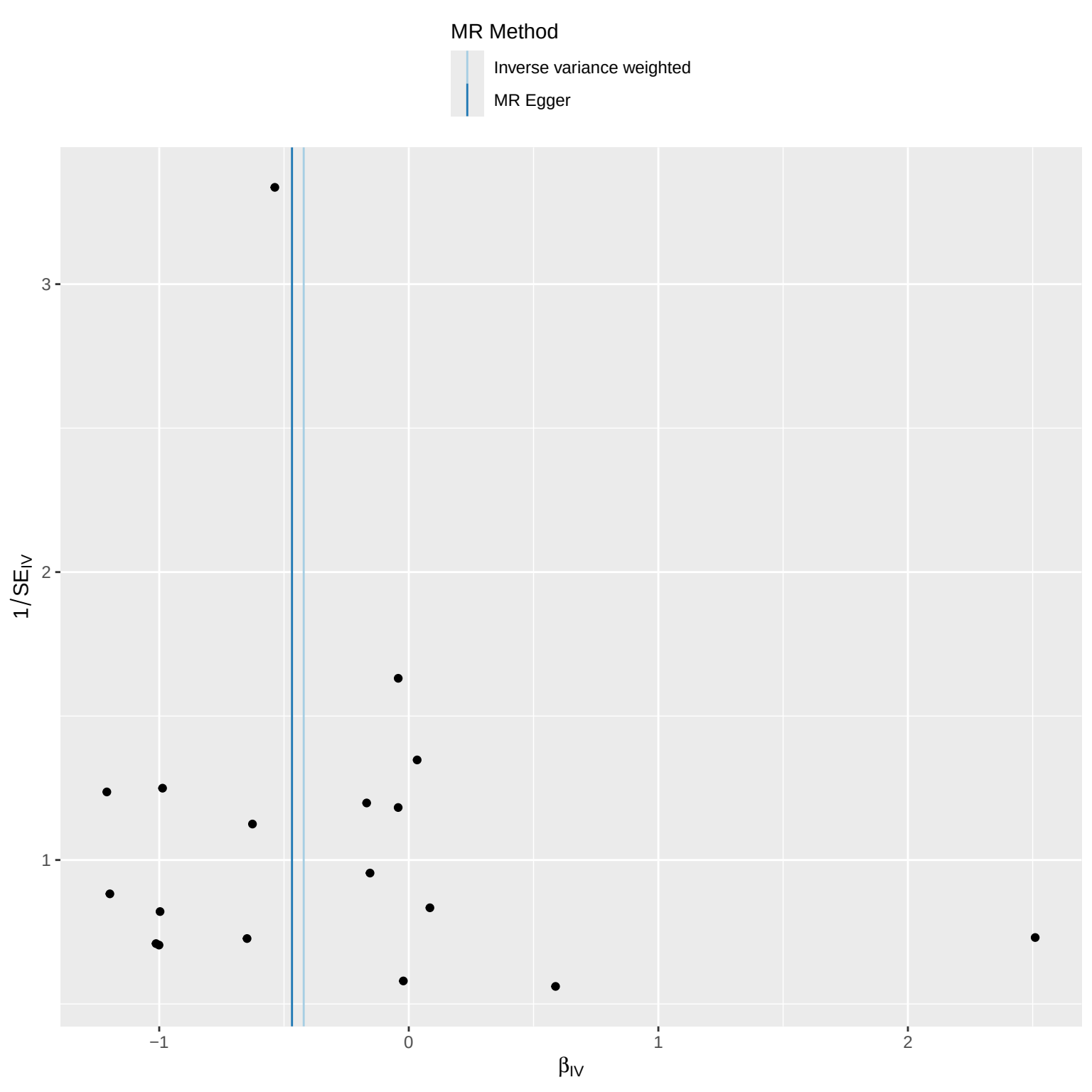

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

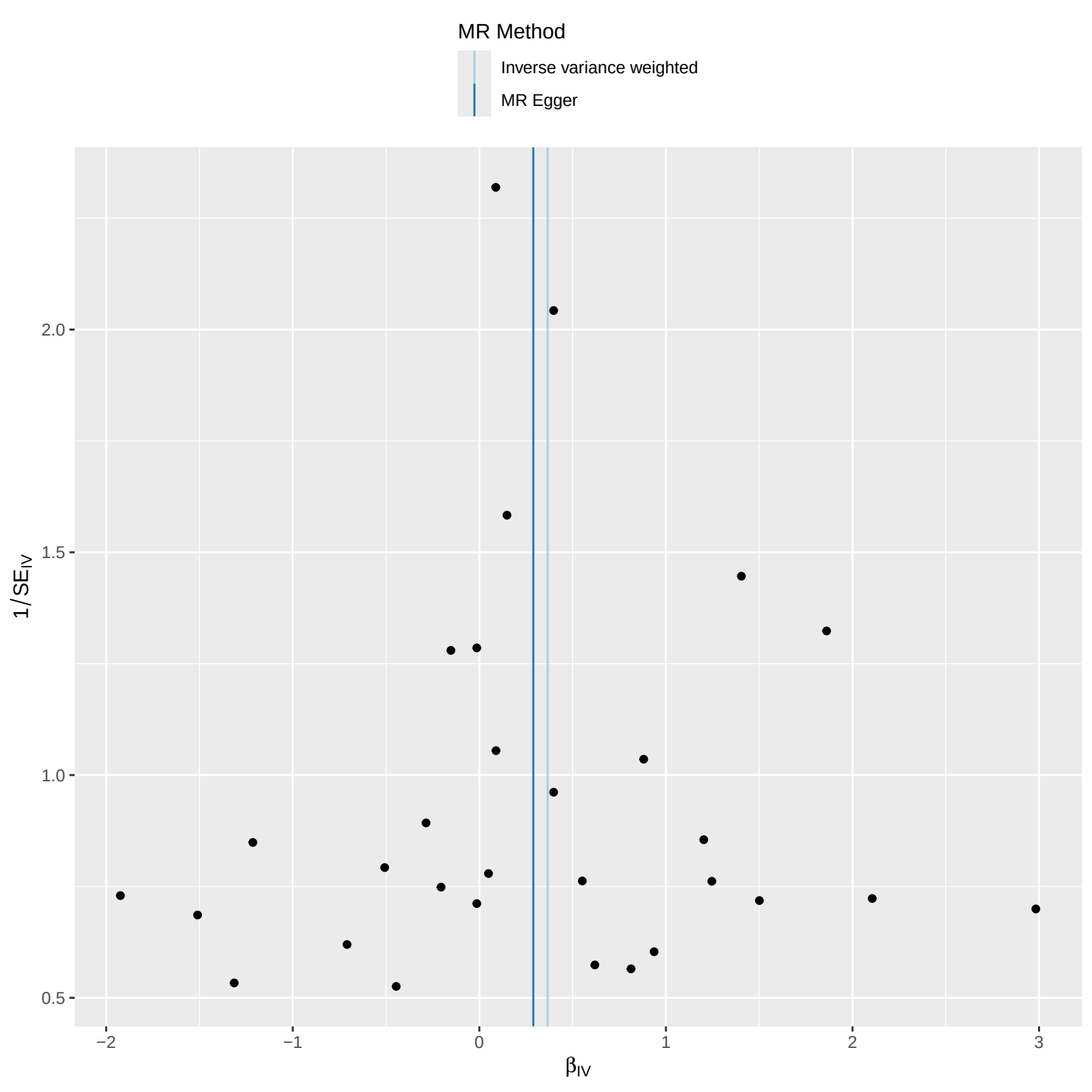

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

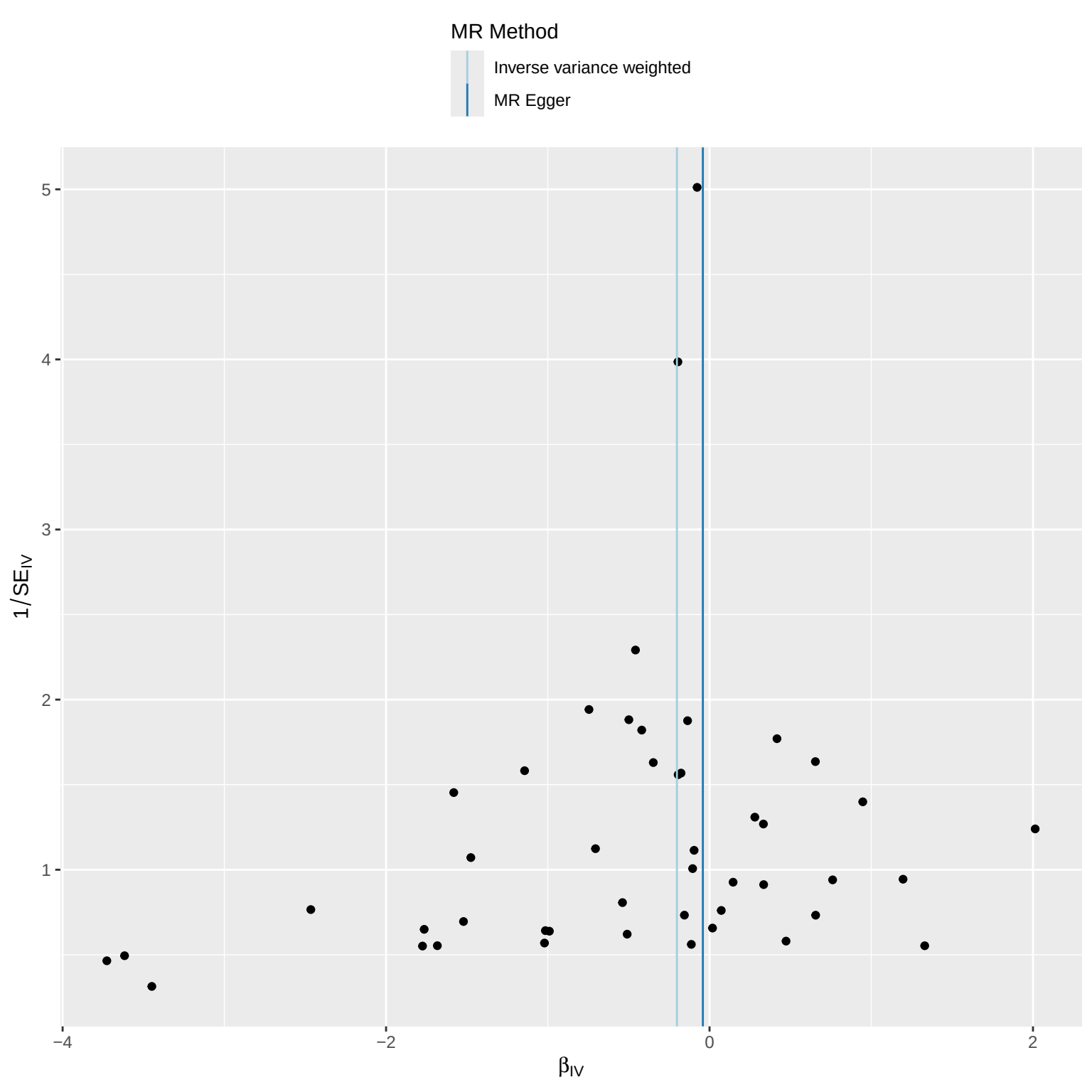

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2
3

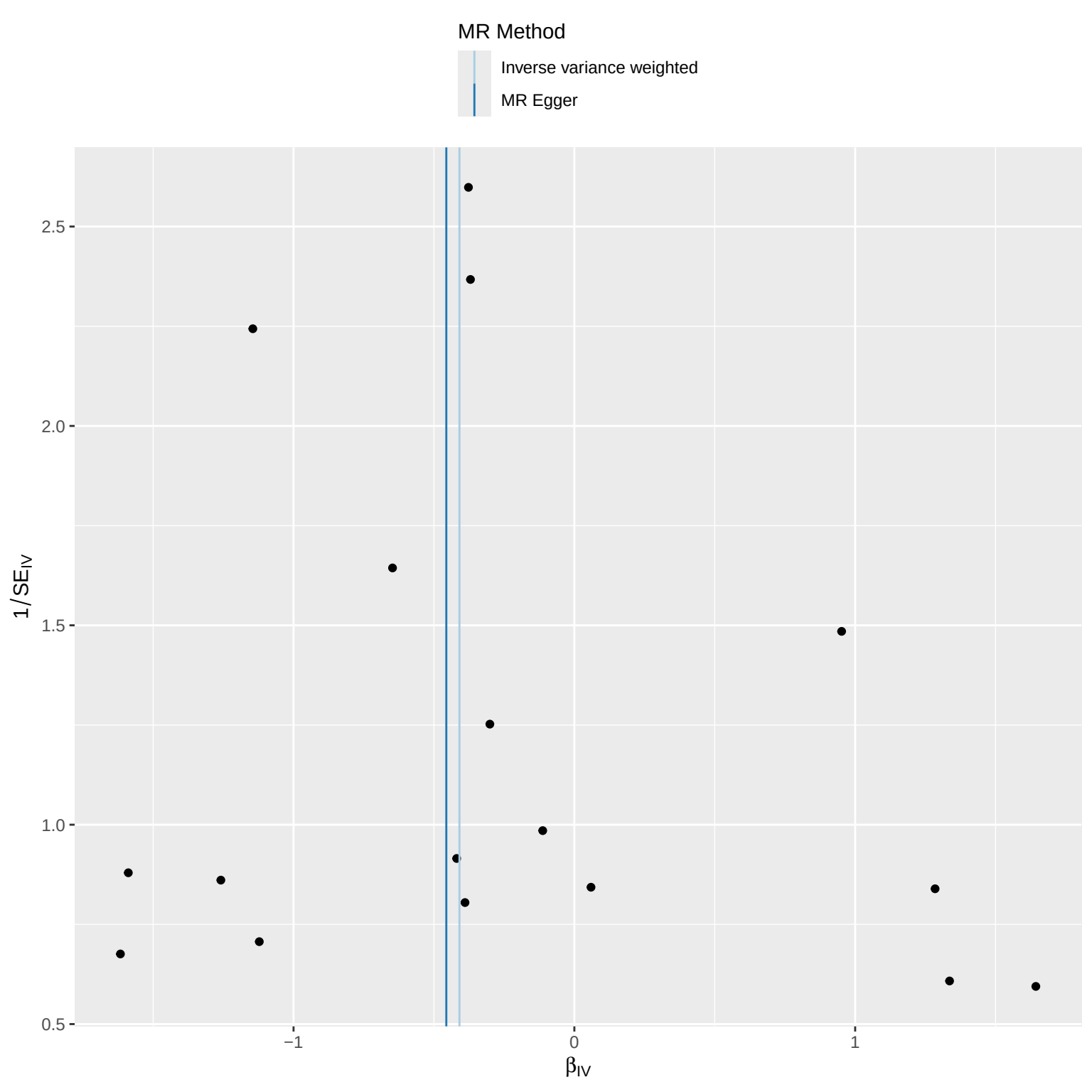

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2
0
2
4
β_IV

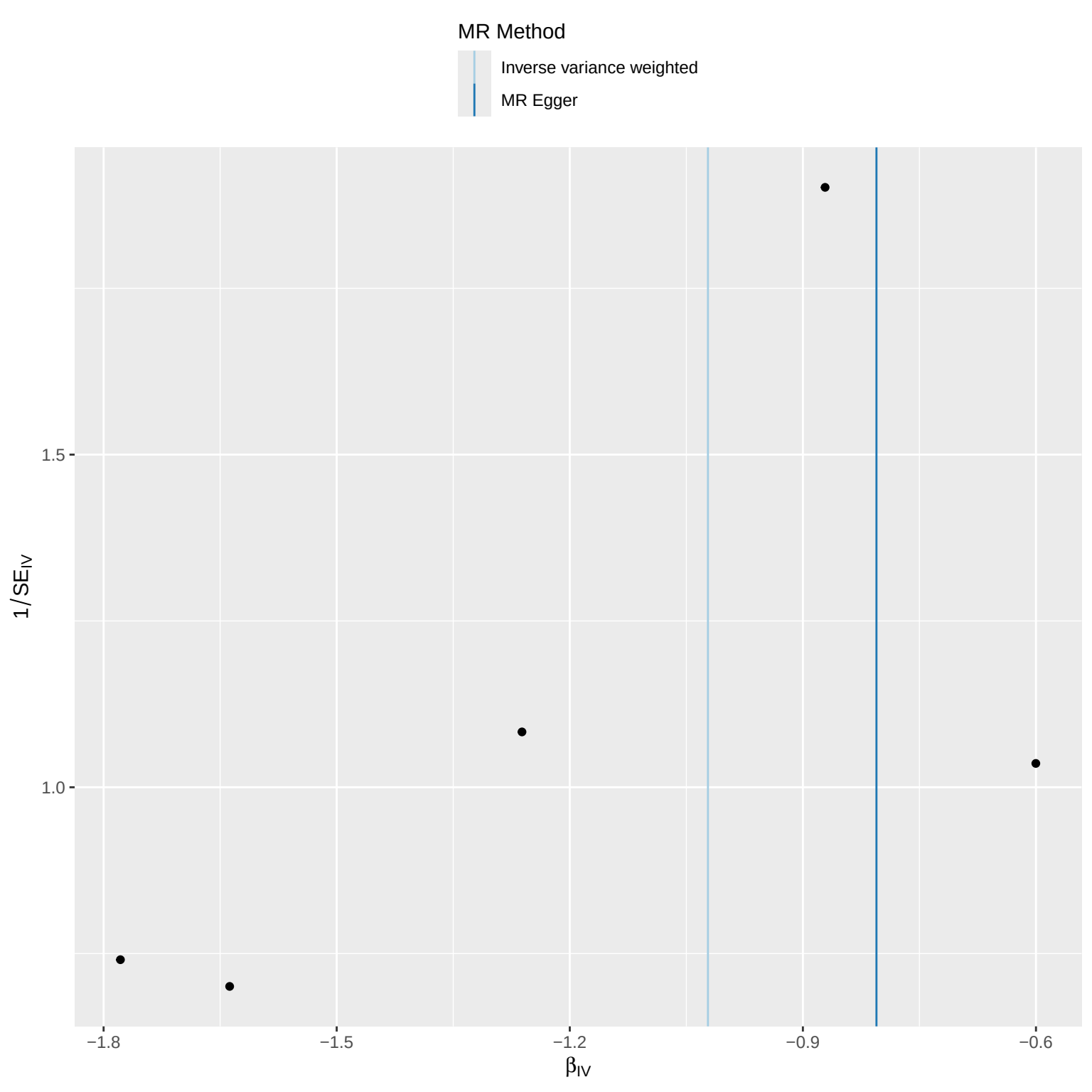

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

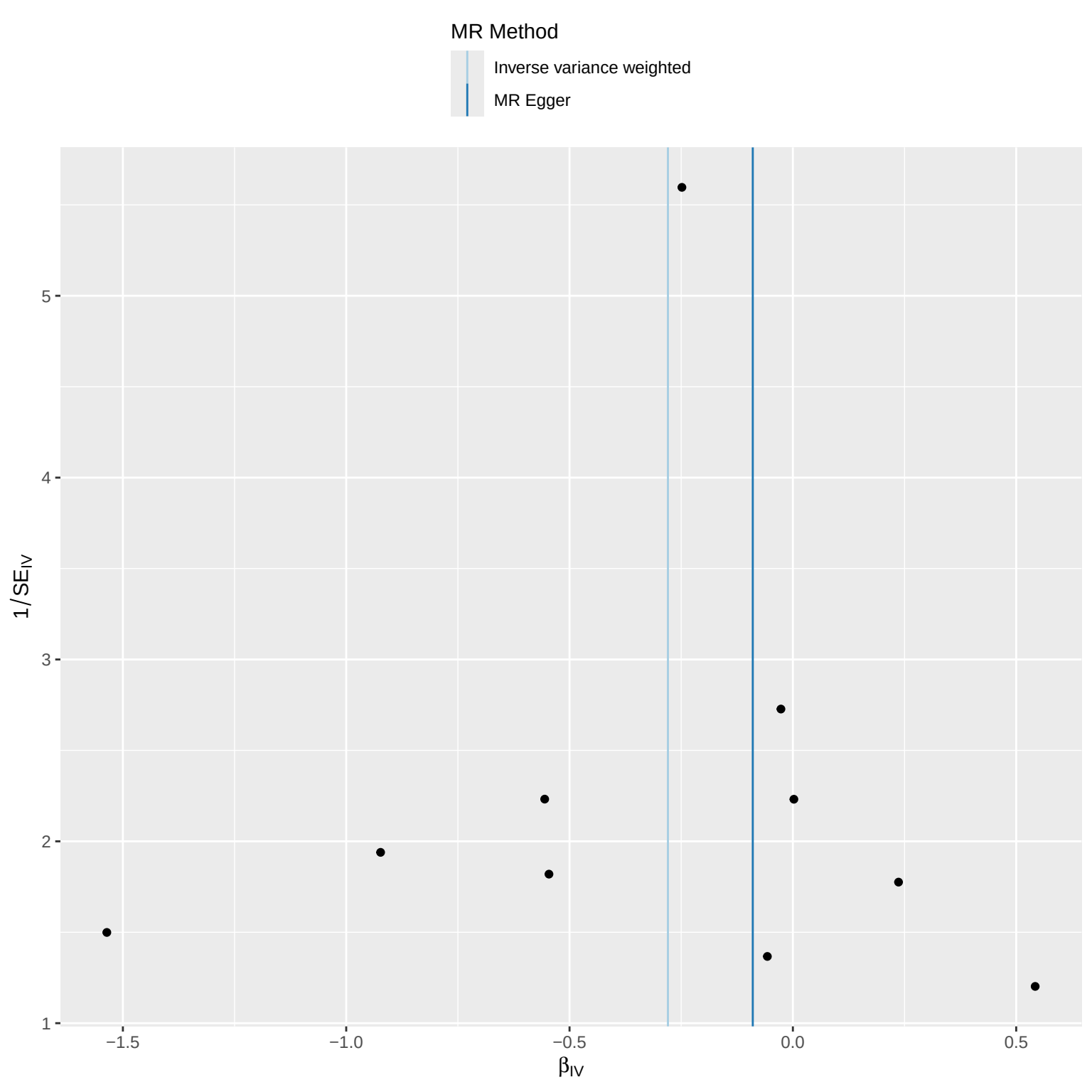

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

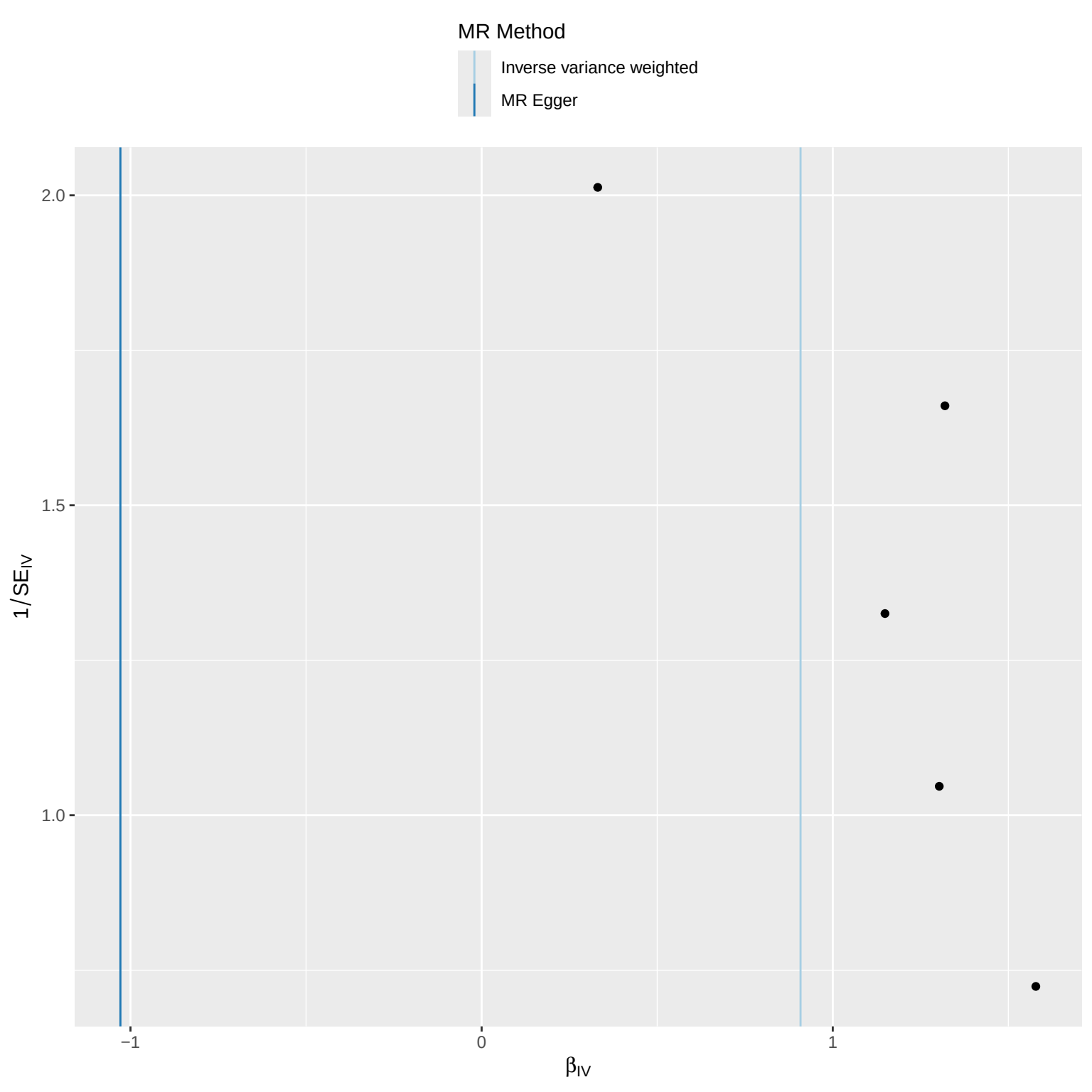

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

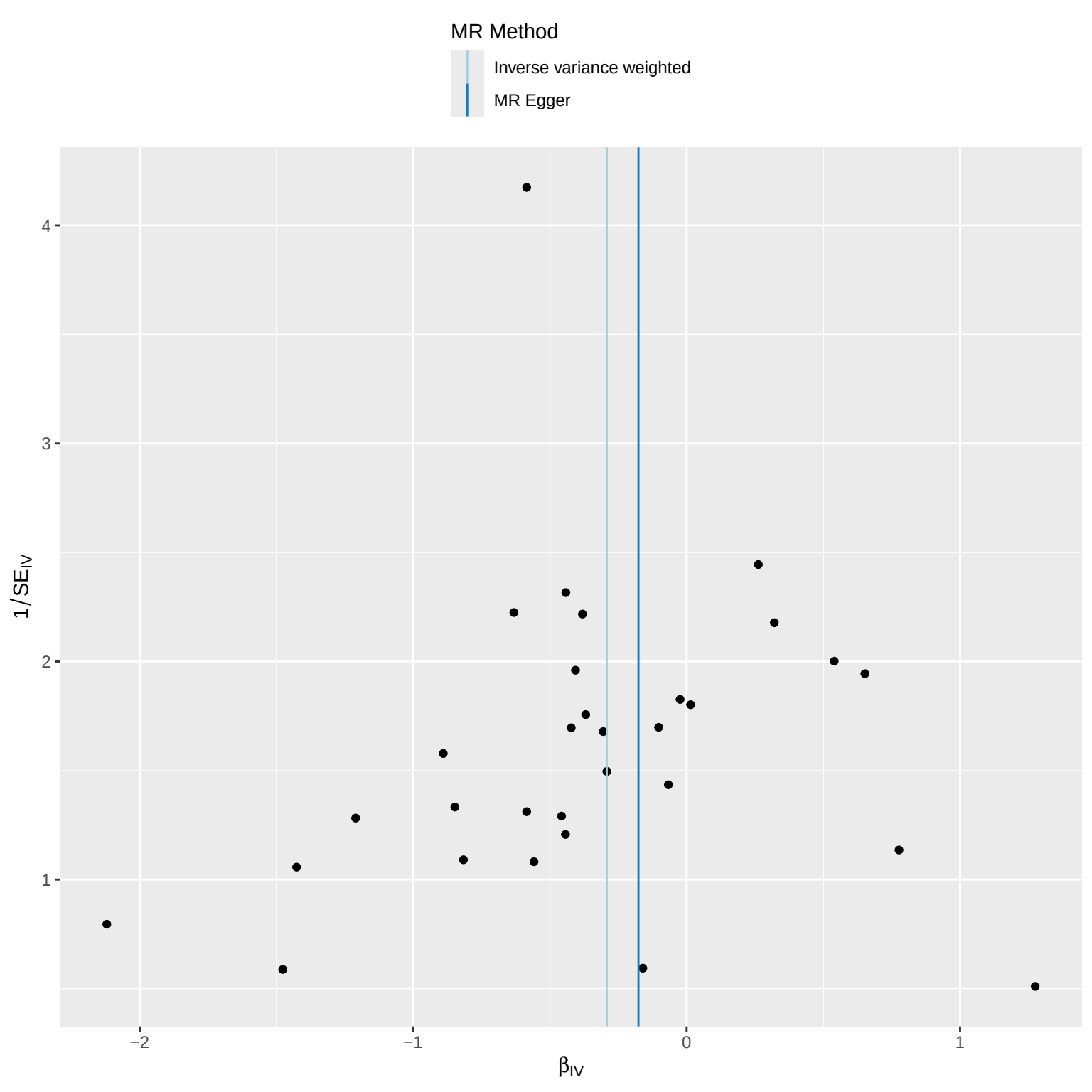

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

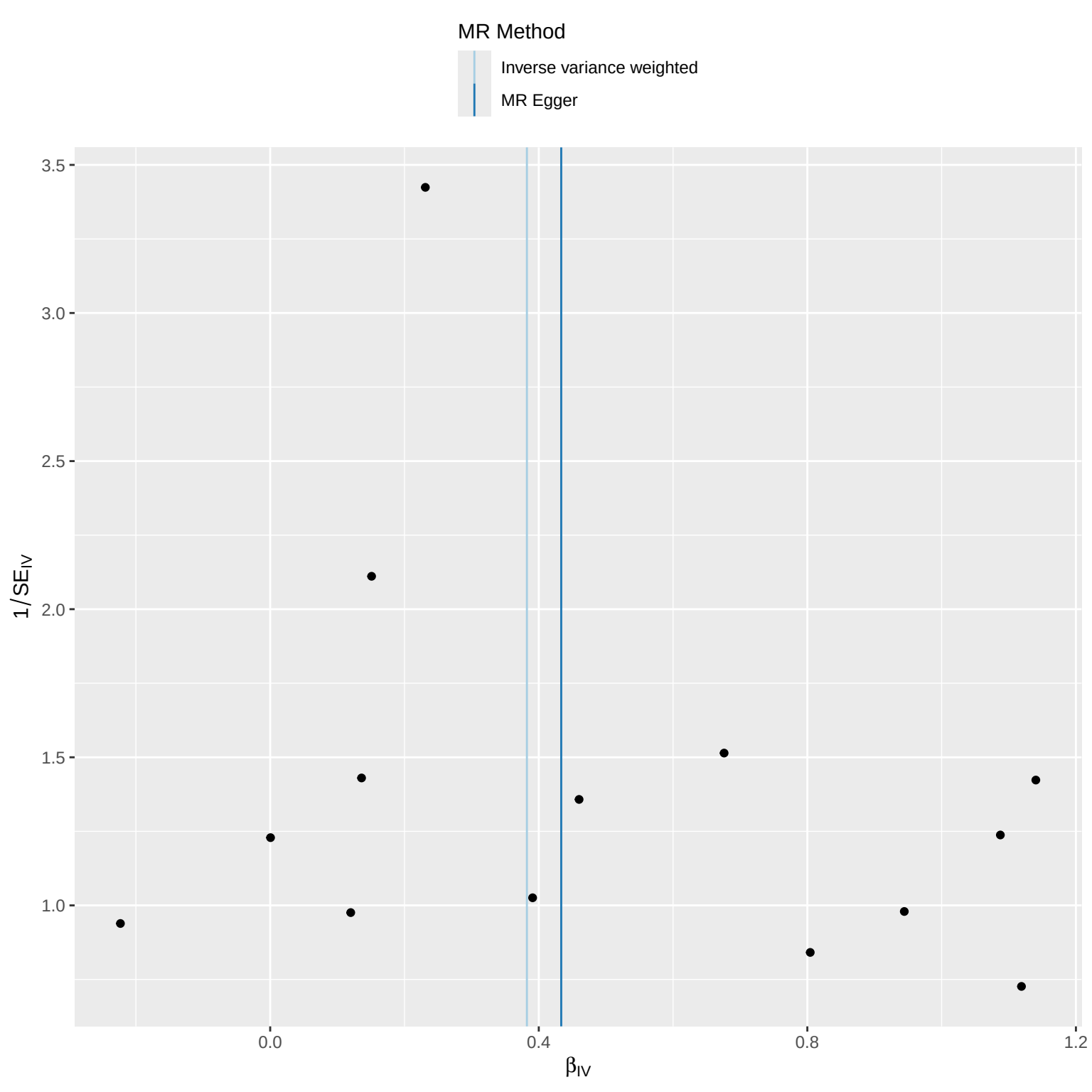

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
β_IV

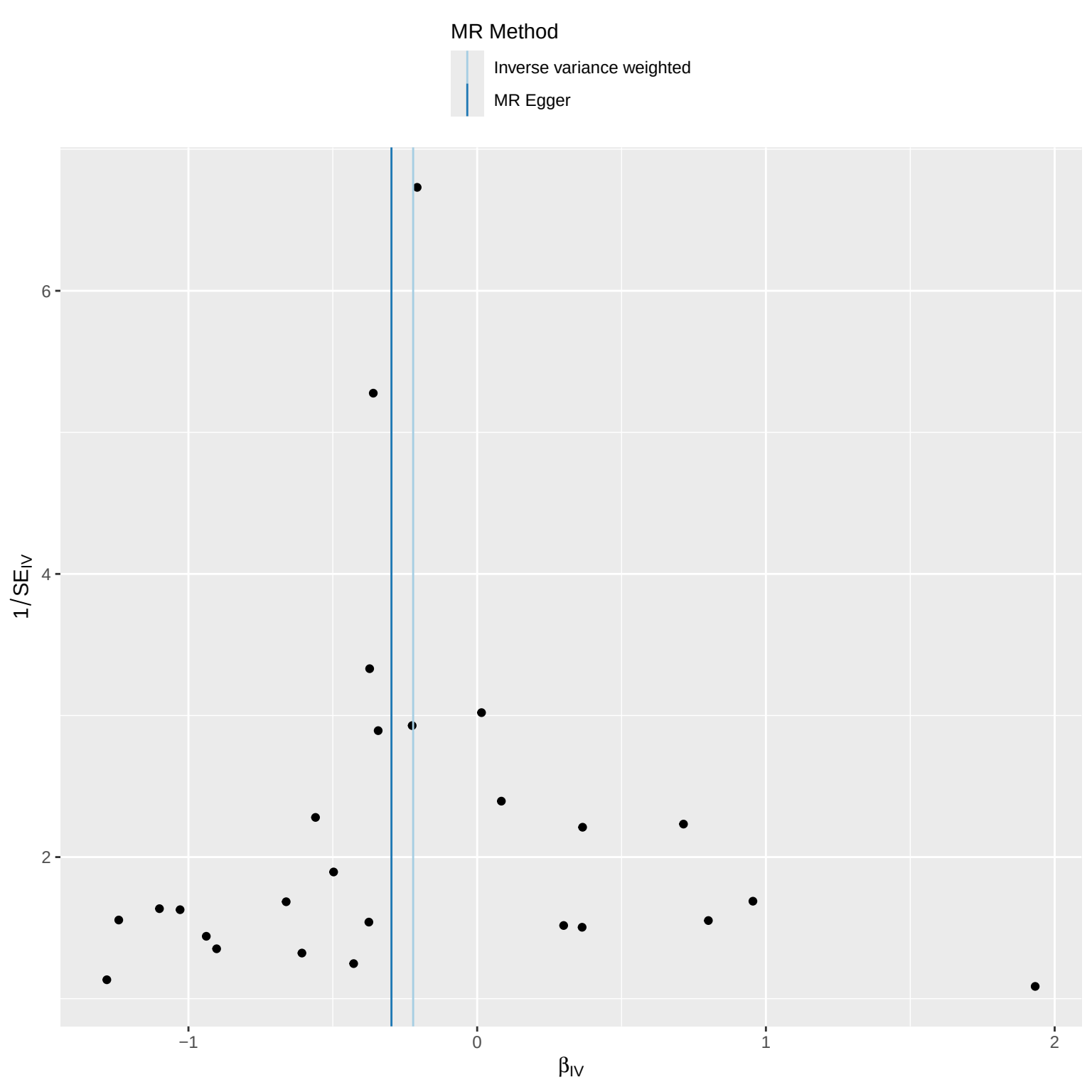

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−1.8
−1.5
−1.2
−0.9
−0.6
β_IV

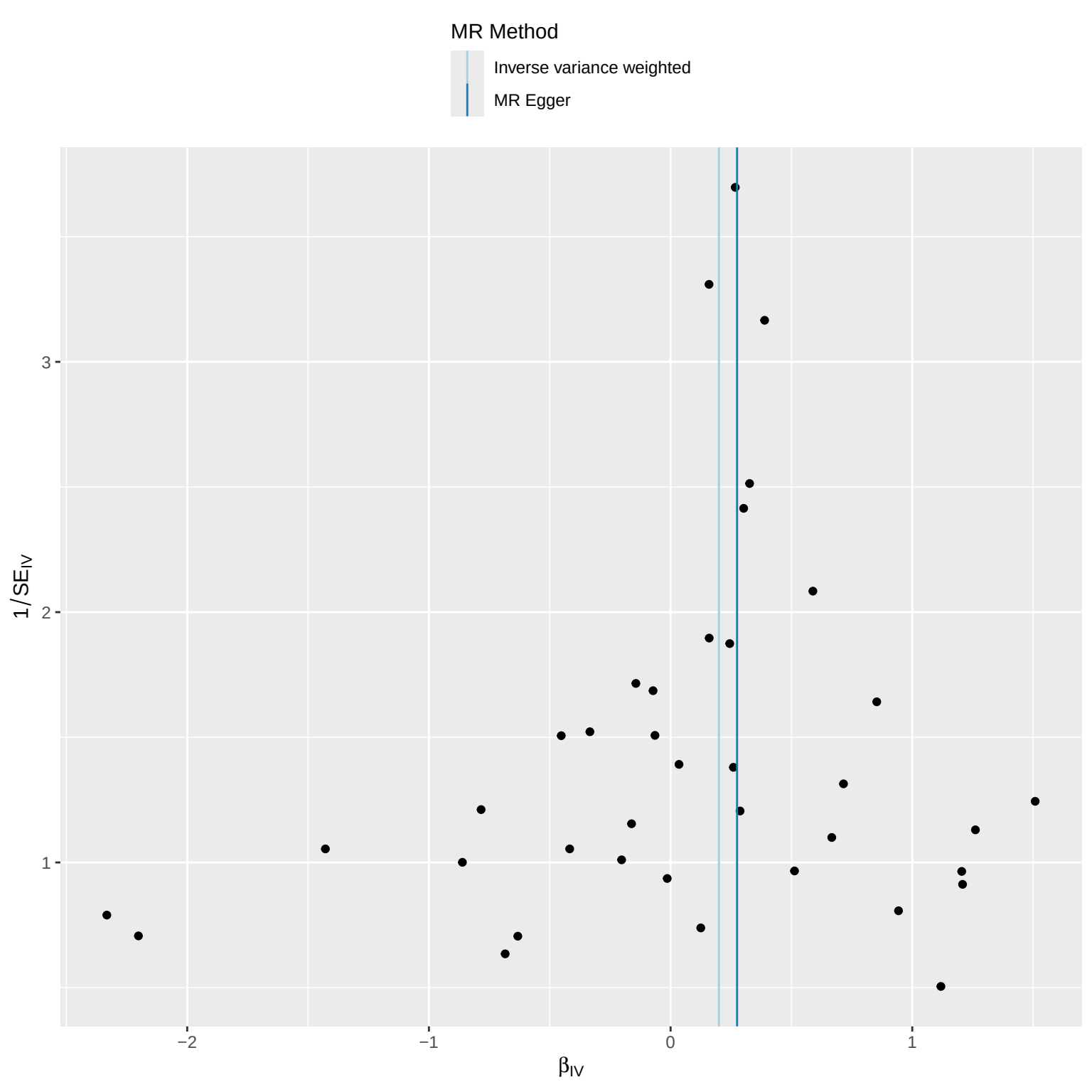

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
β_IV

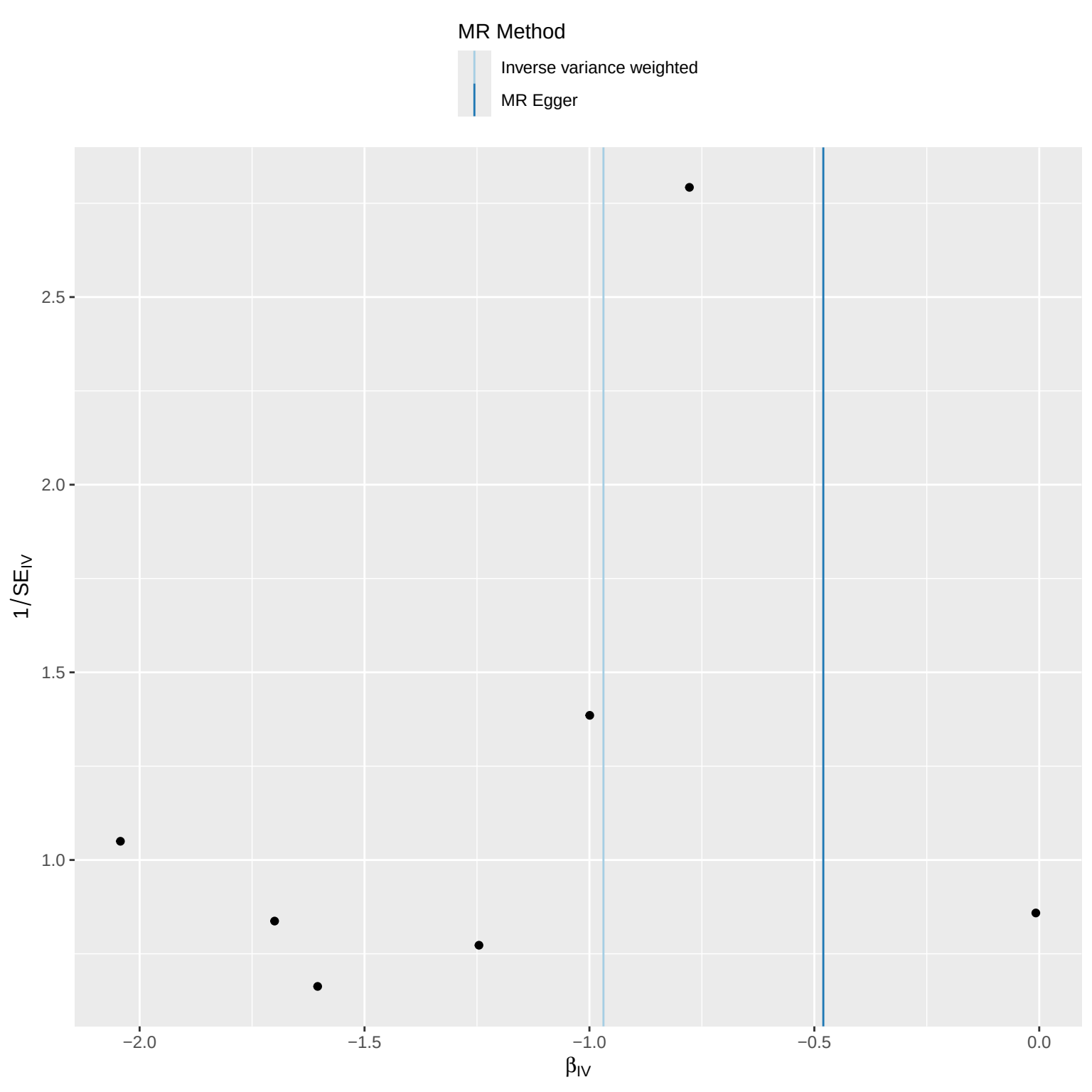

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

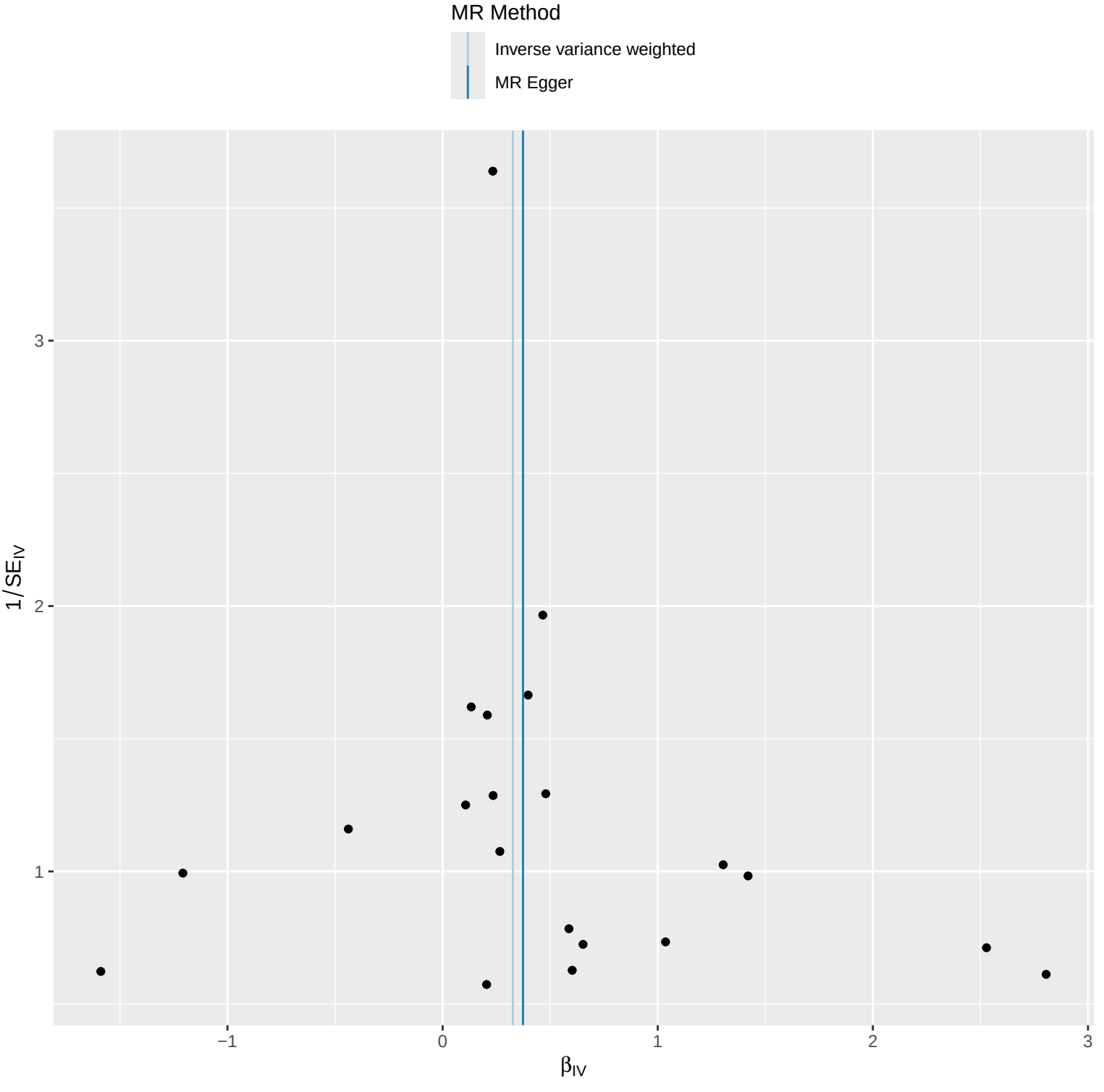

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

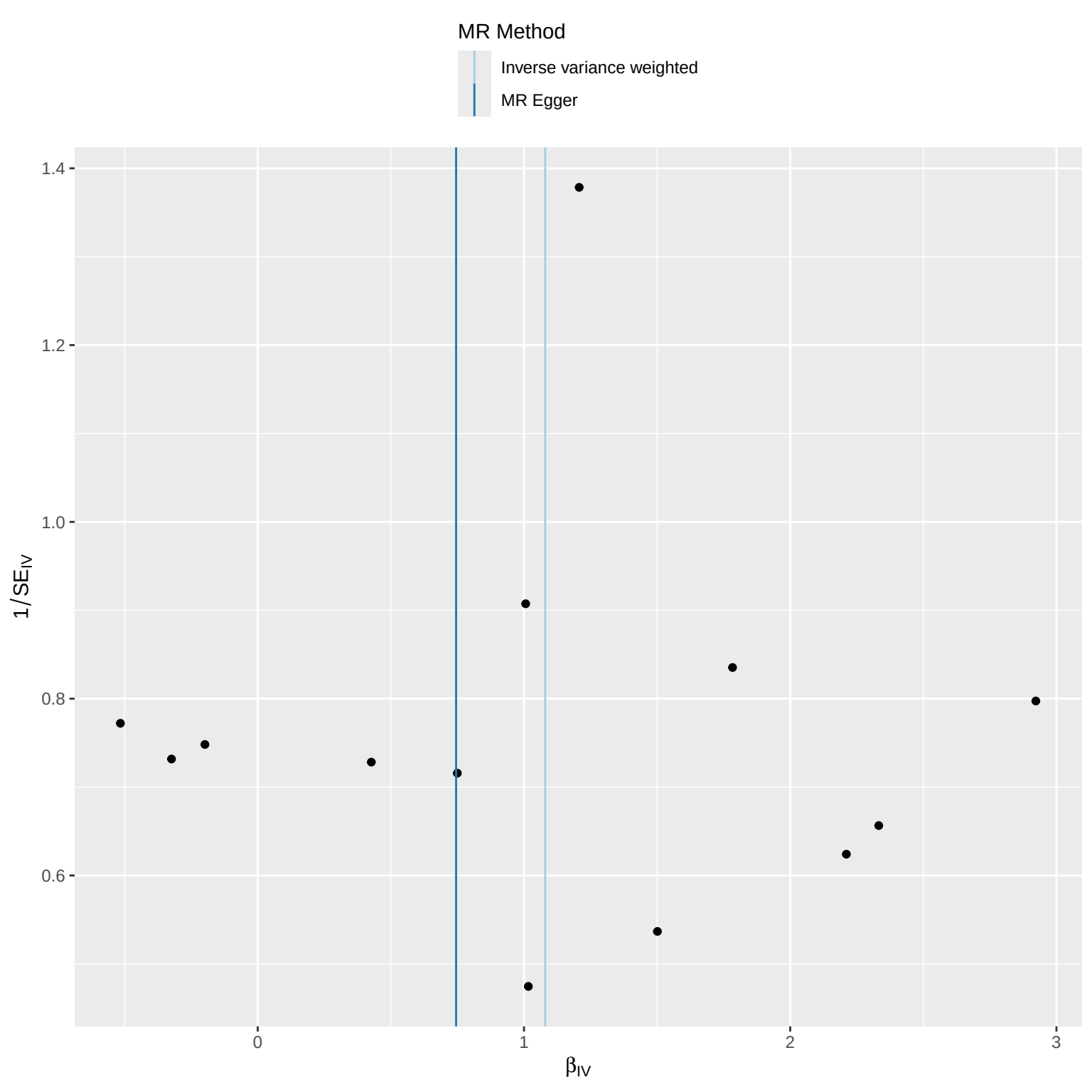

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

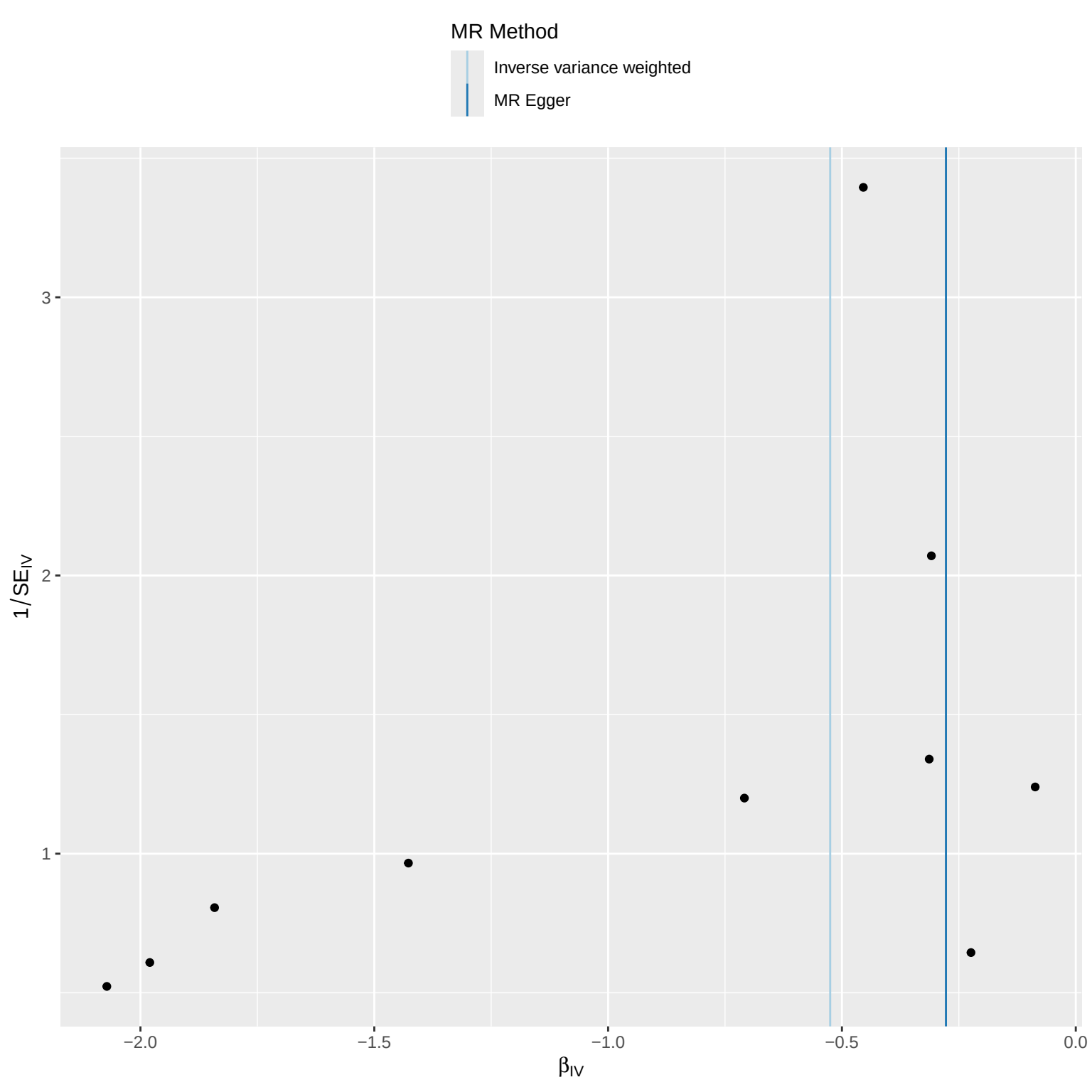

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

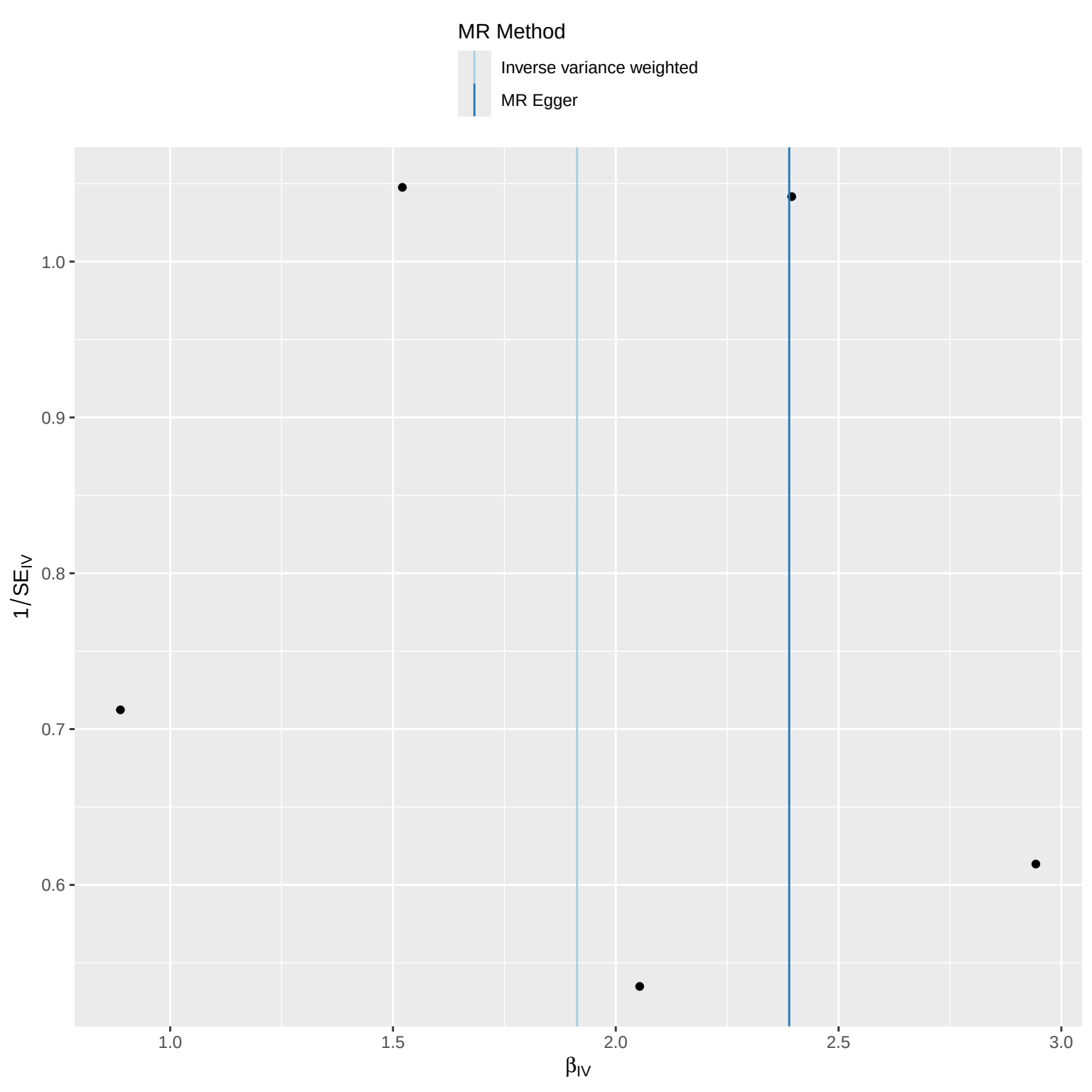

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

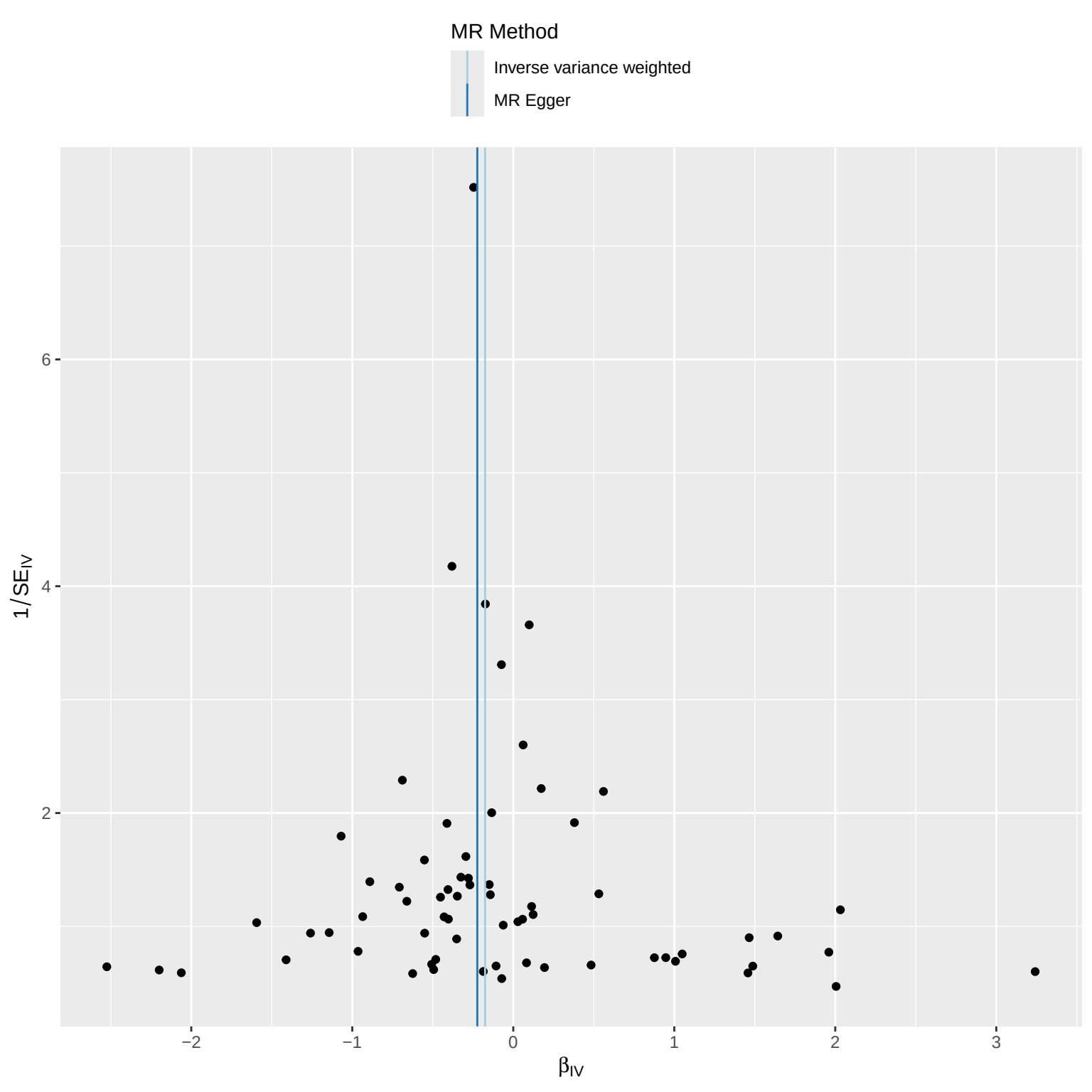

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

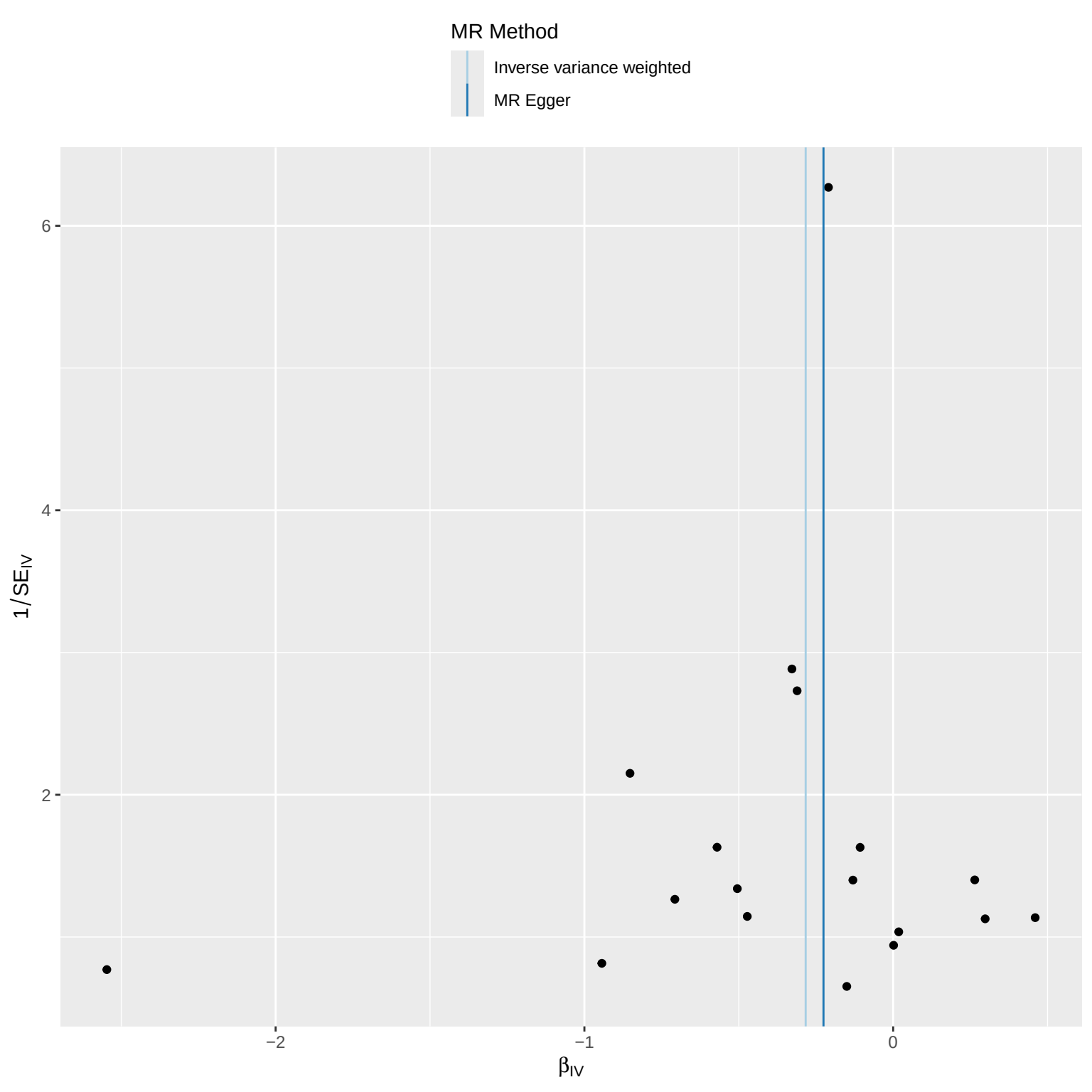

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

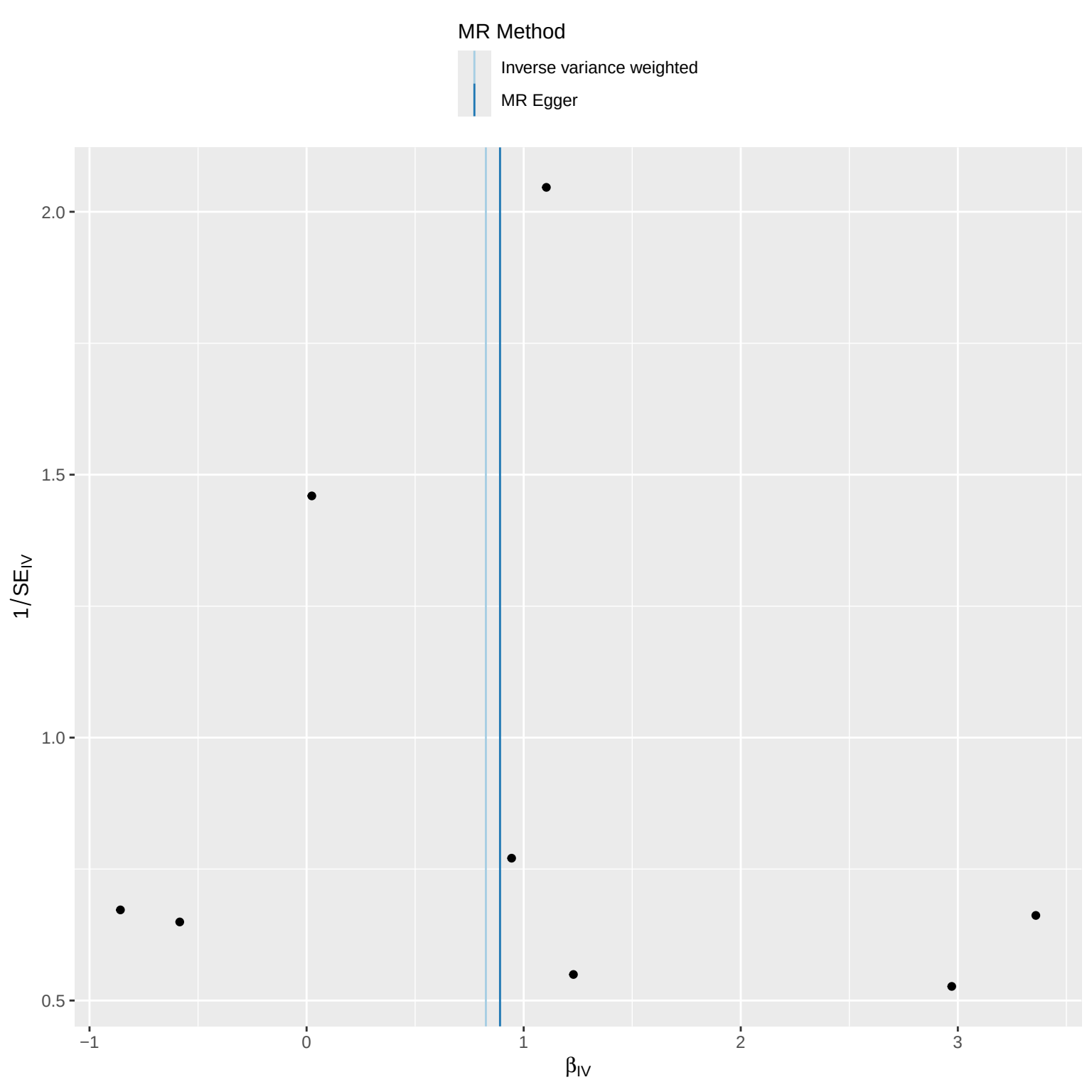

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

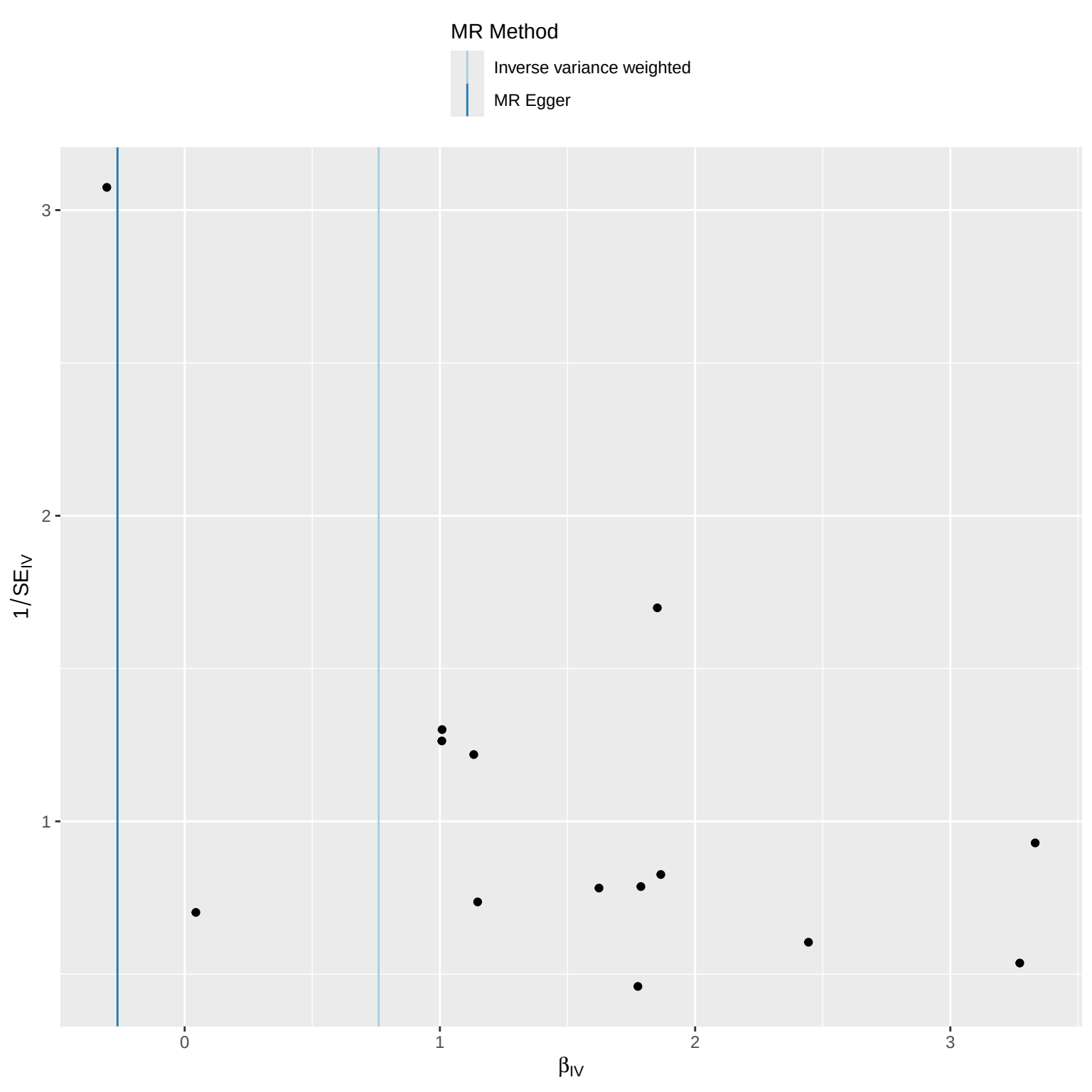

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2.0
−1.5
−1.0
−0.5
0.0
β_{IV}

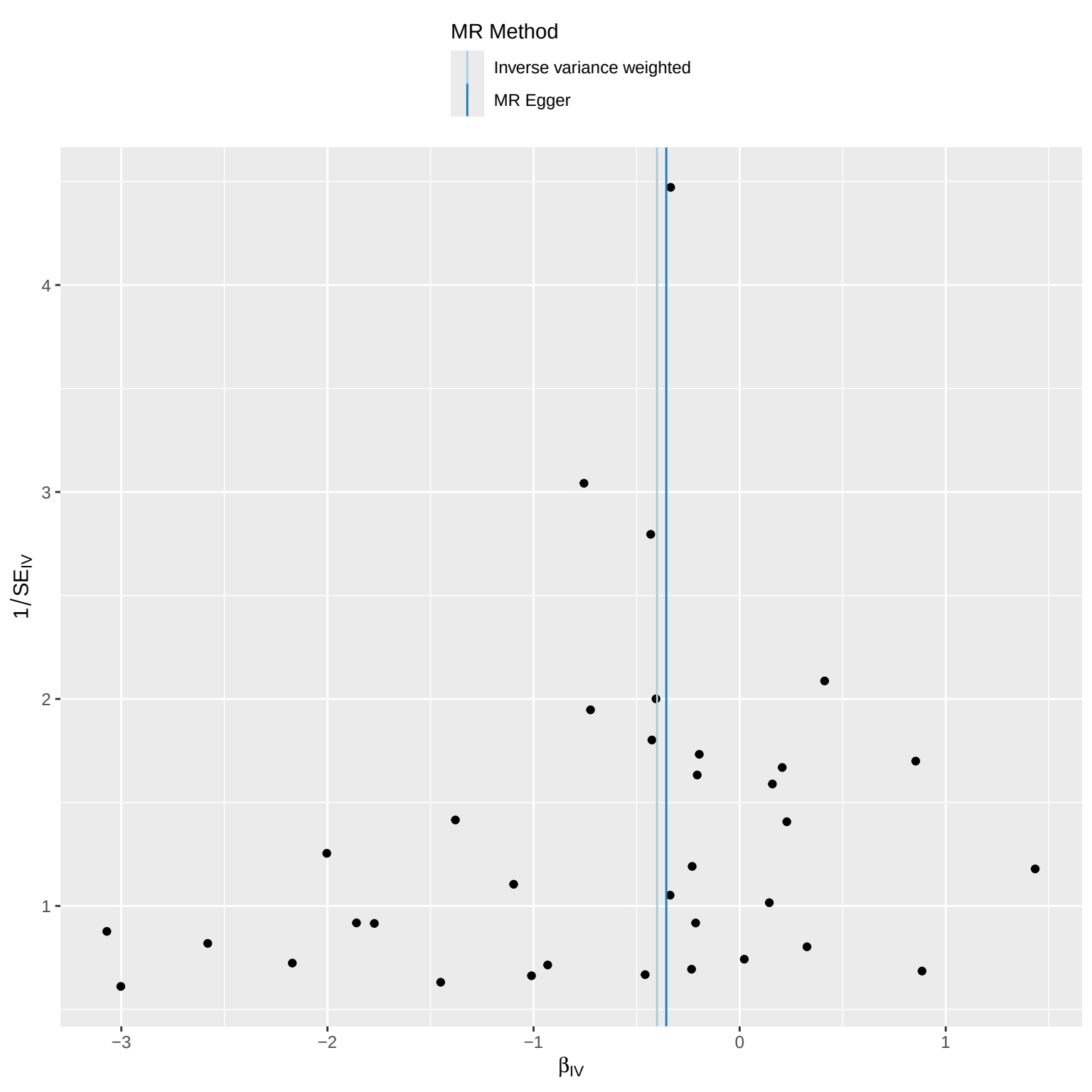

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
1/SE_IV
1.0
1.5
2.0
2.5
3.0
β_IV

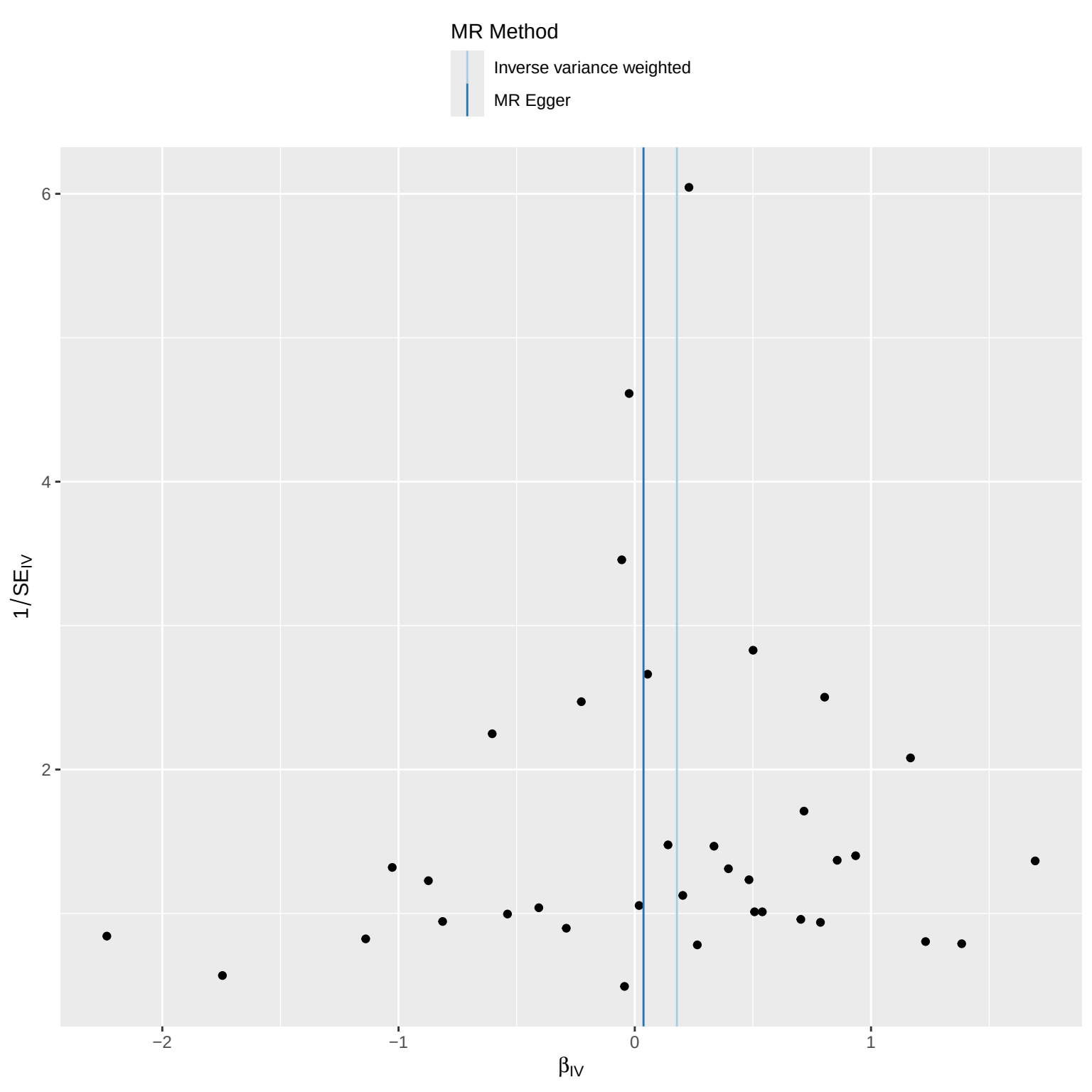

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

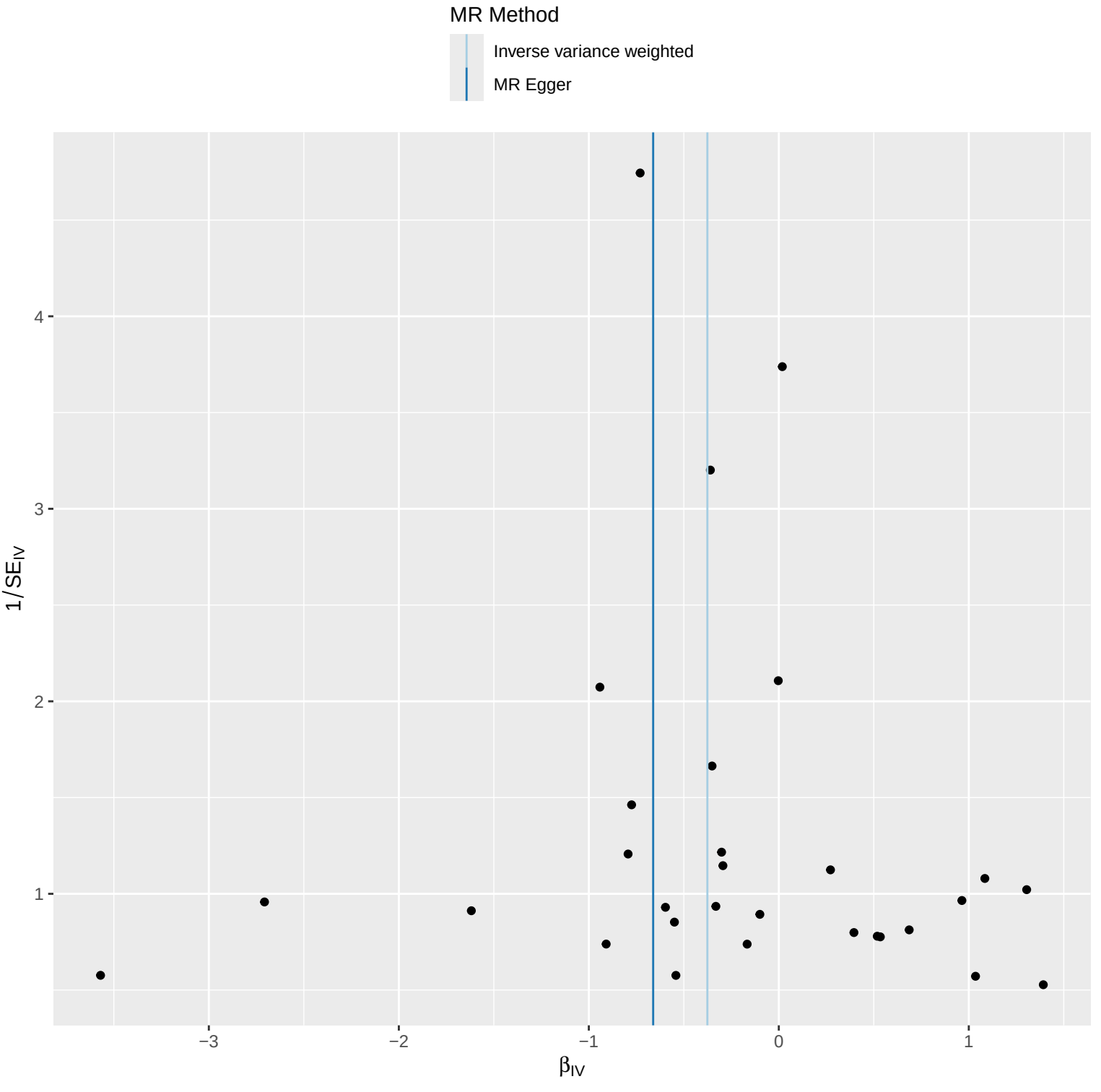

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
β_IV

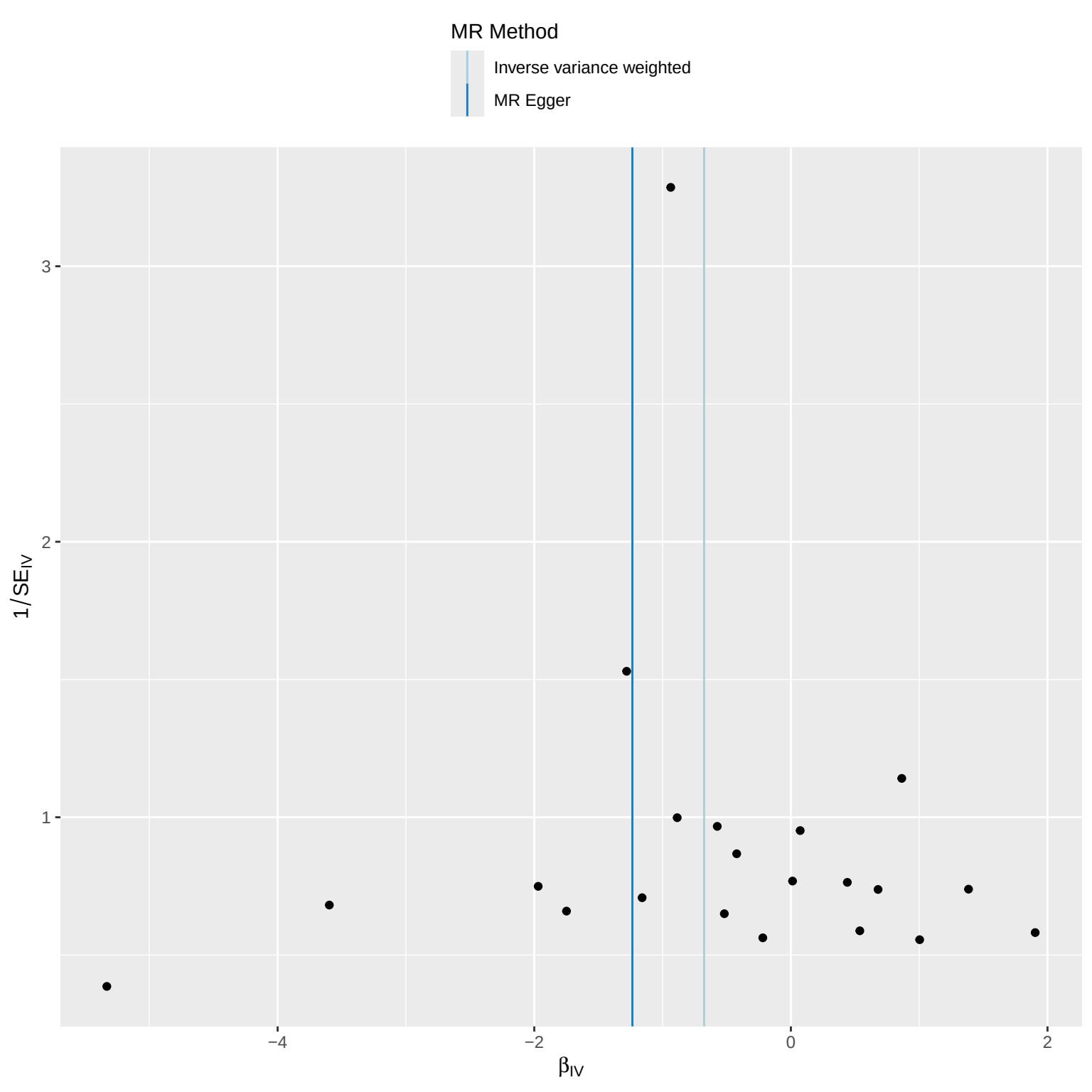

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

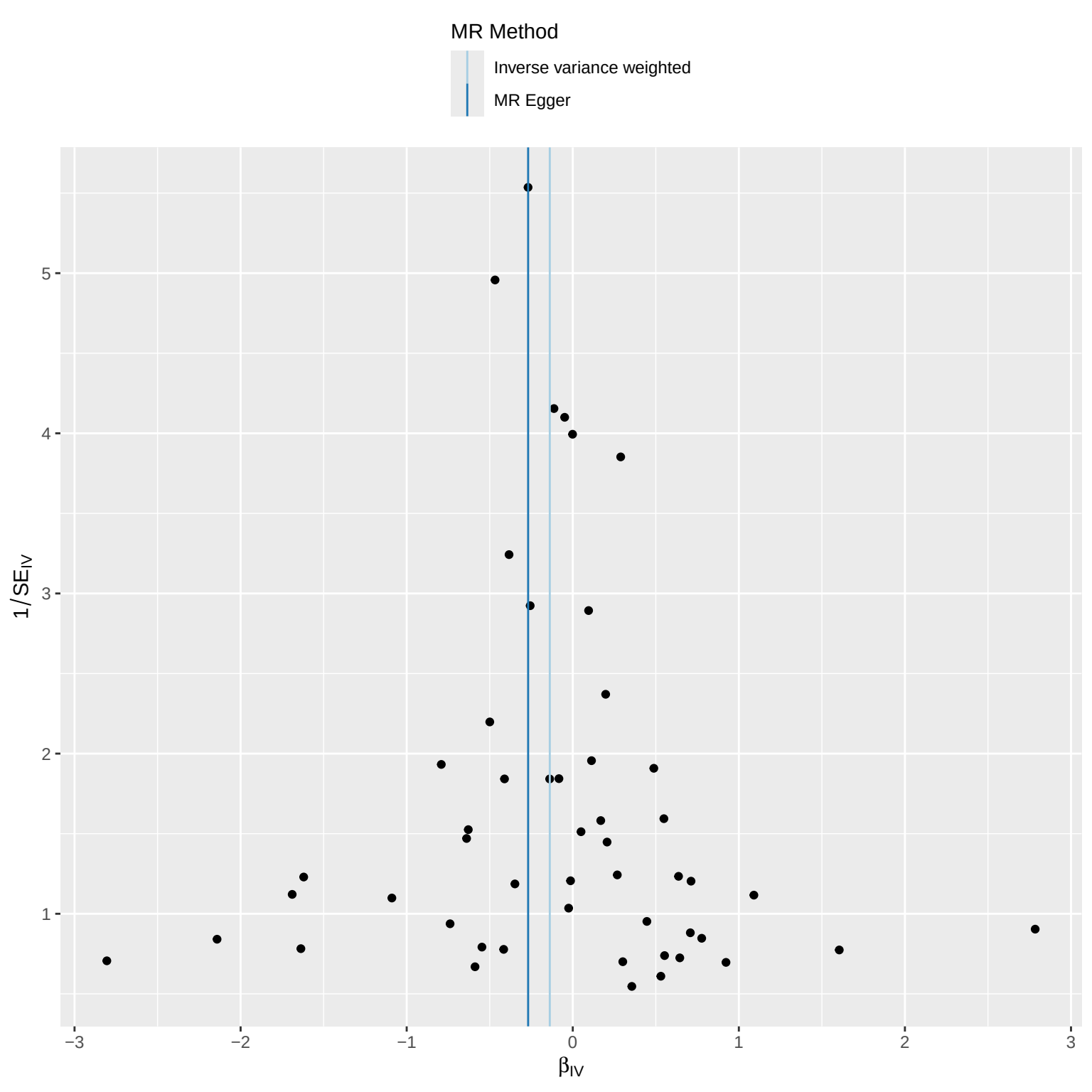

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
3
1/SE_IV
β_IV

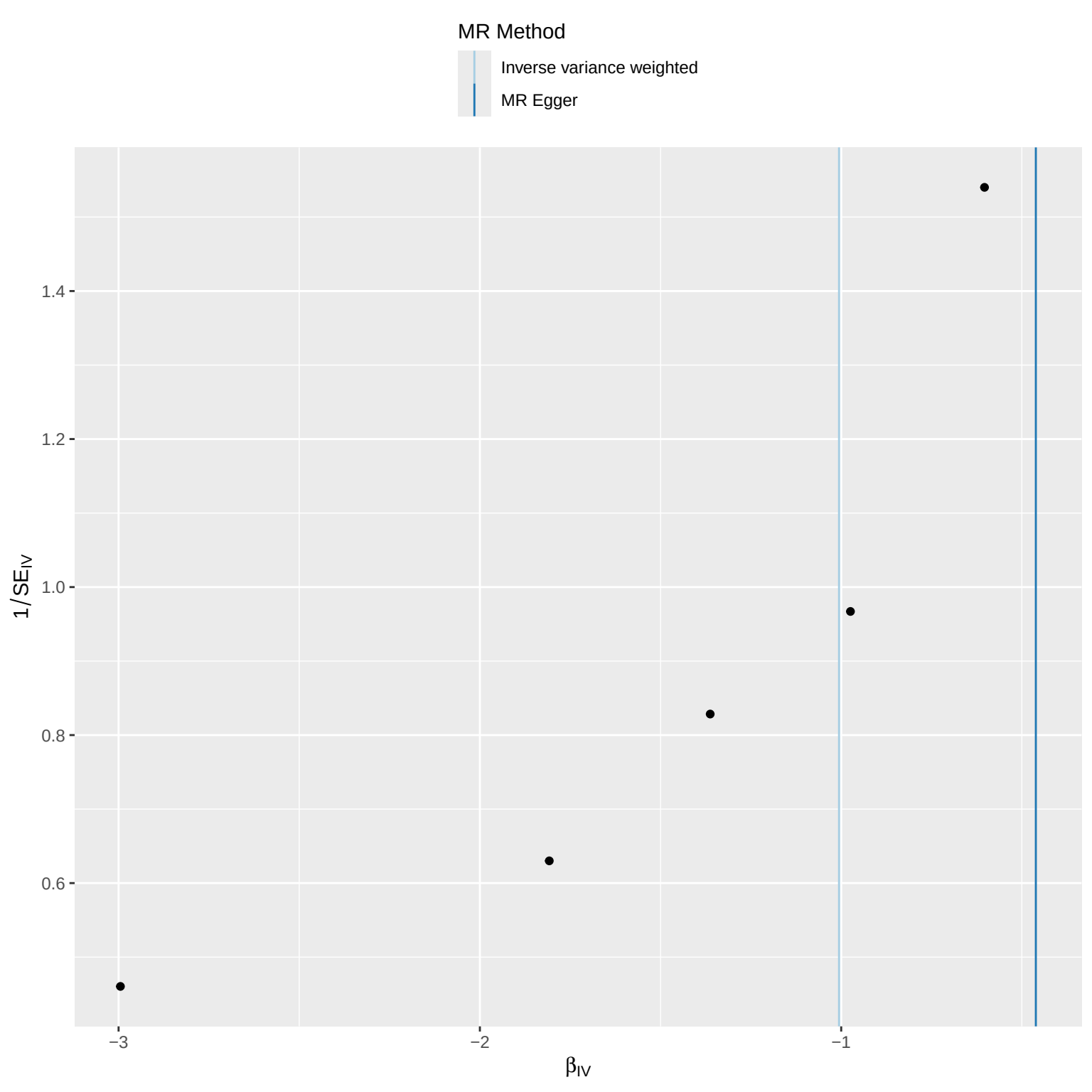

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

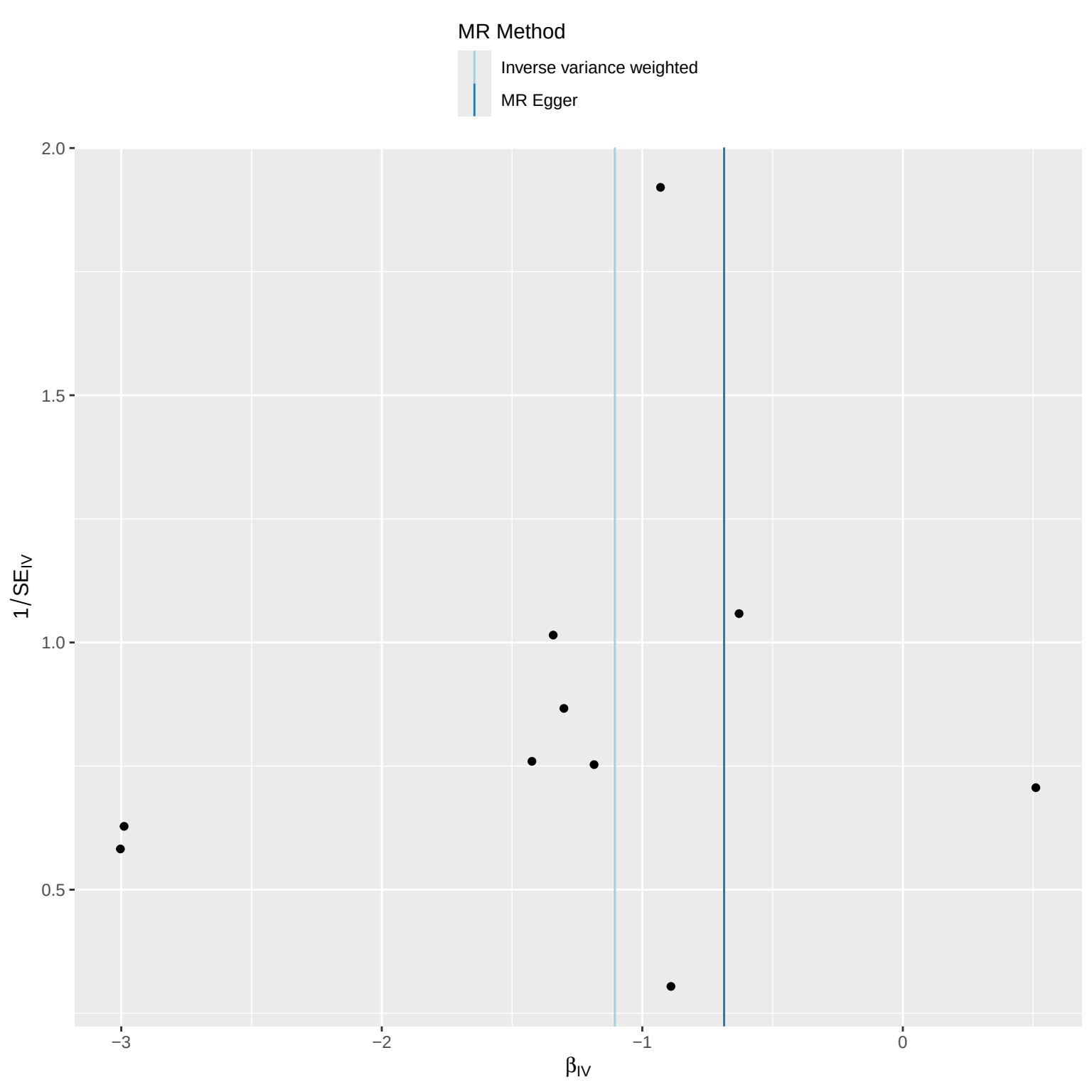

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

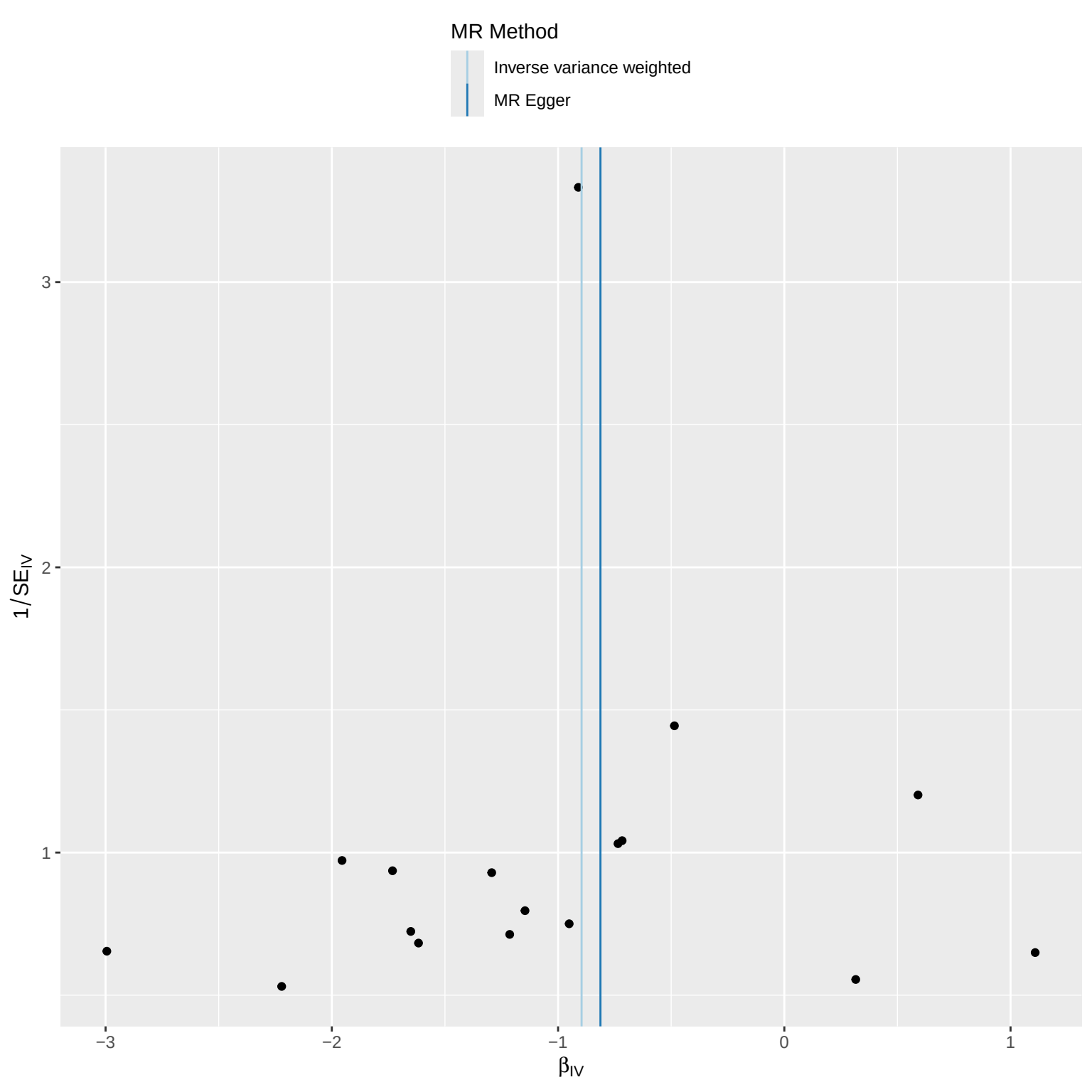

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

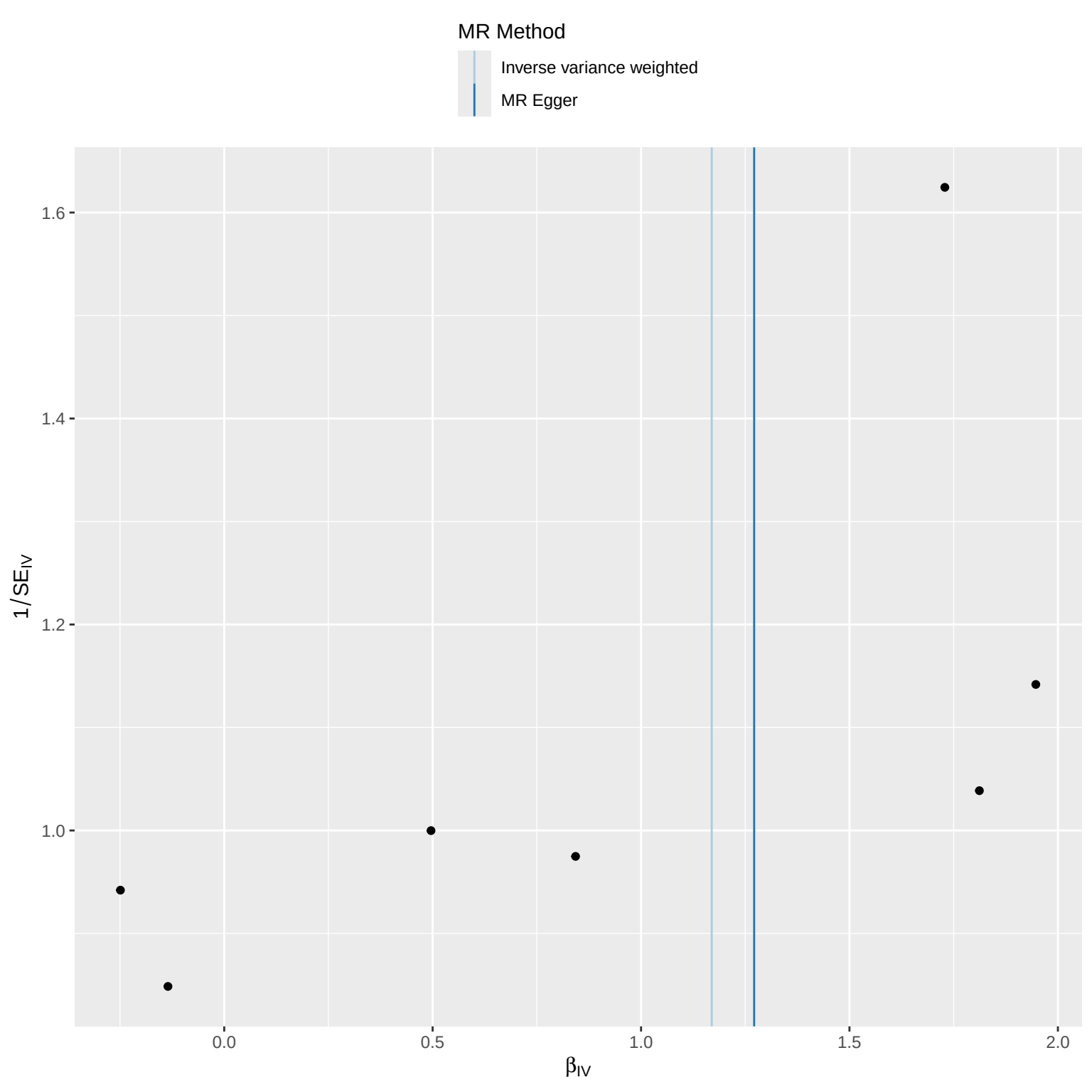

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

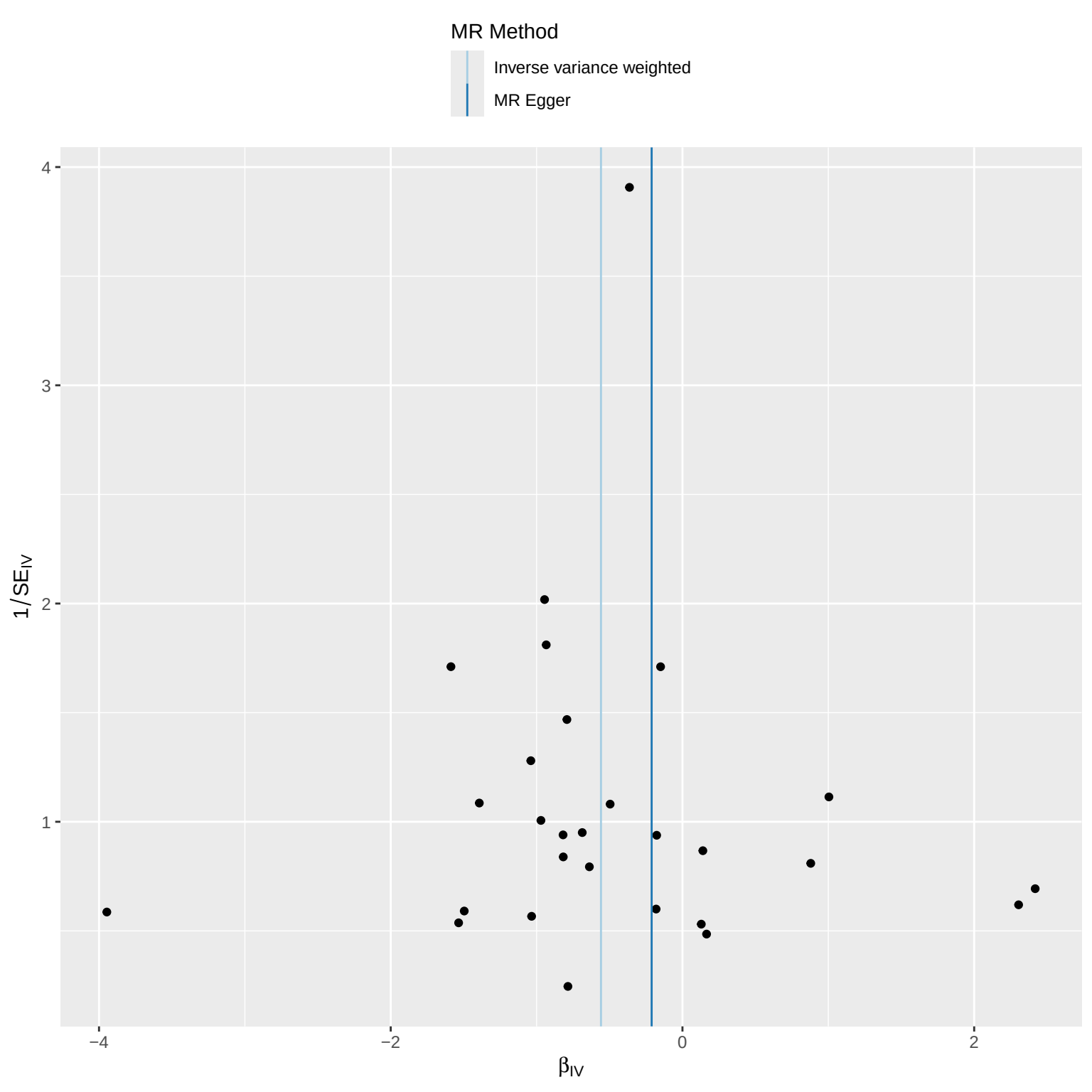

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−3
−2
−1
0
1
2
3

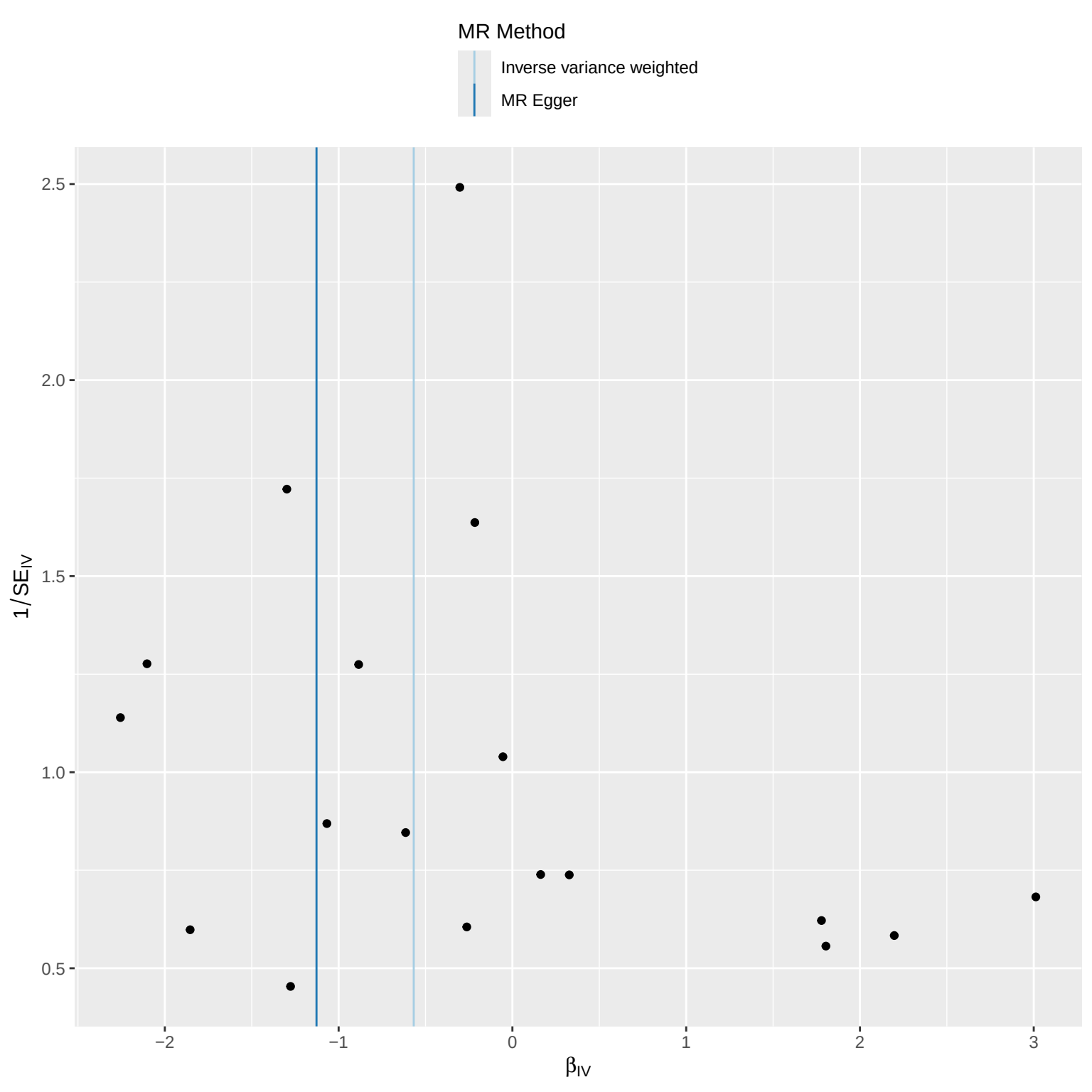

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
β_IV

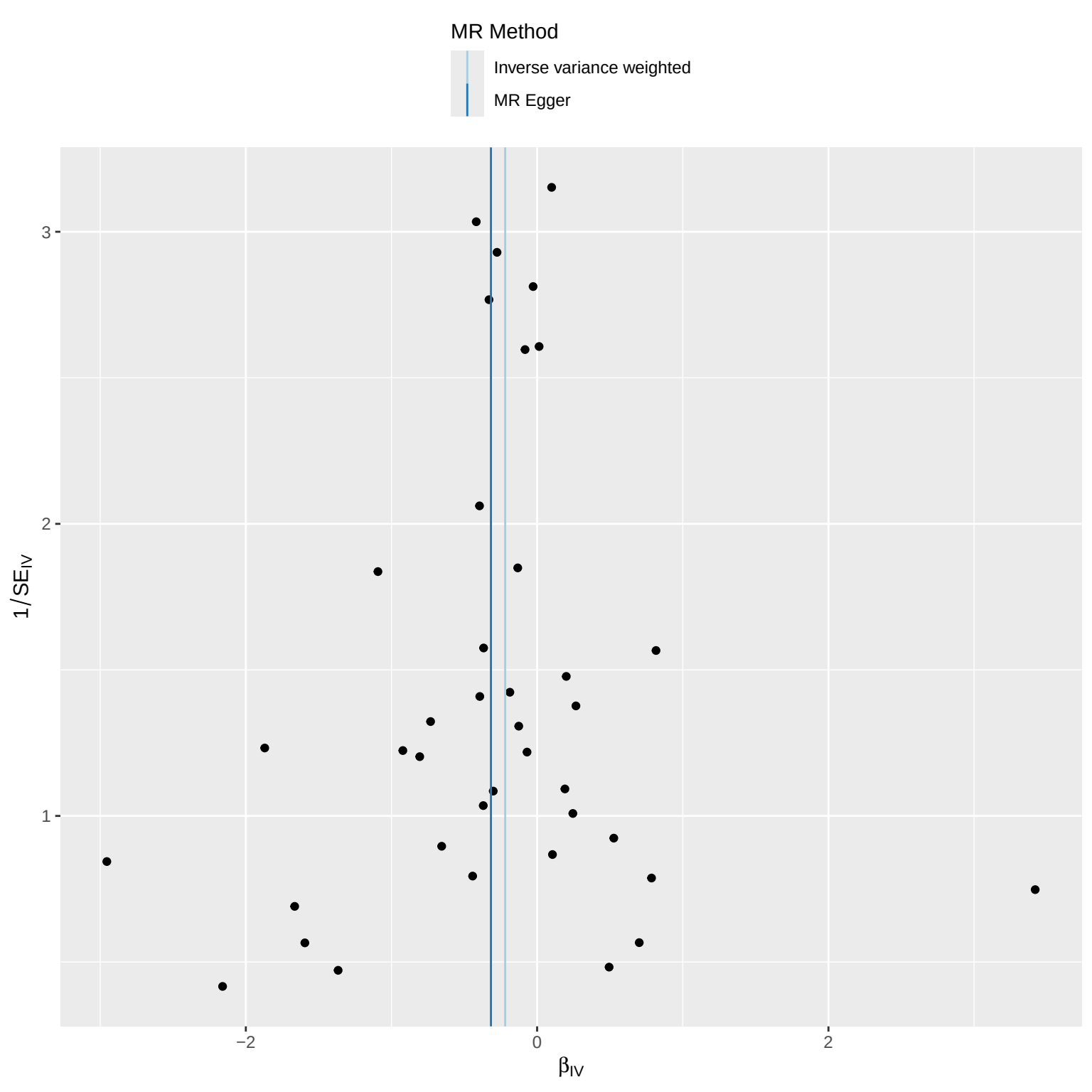

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

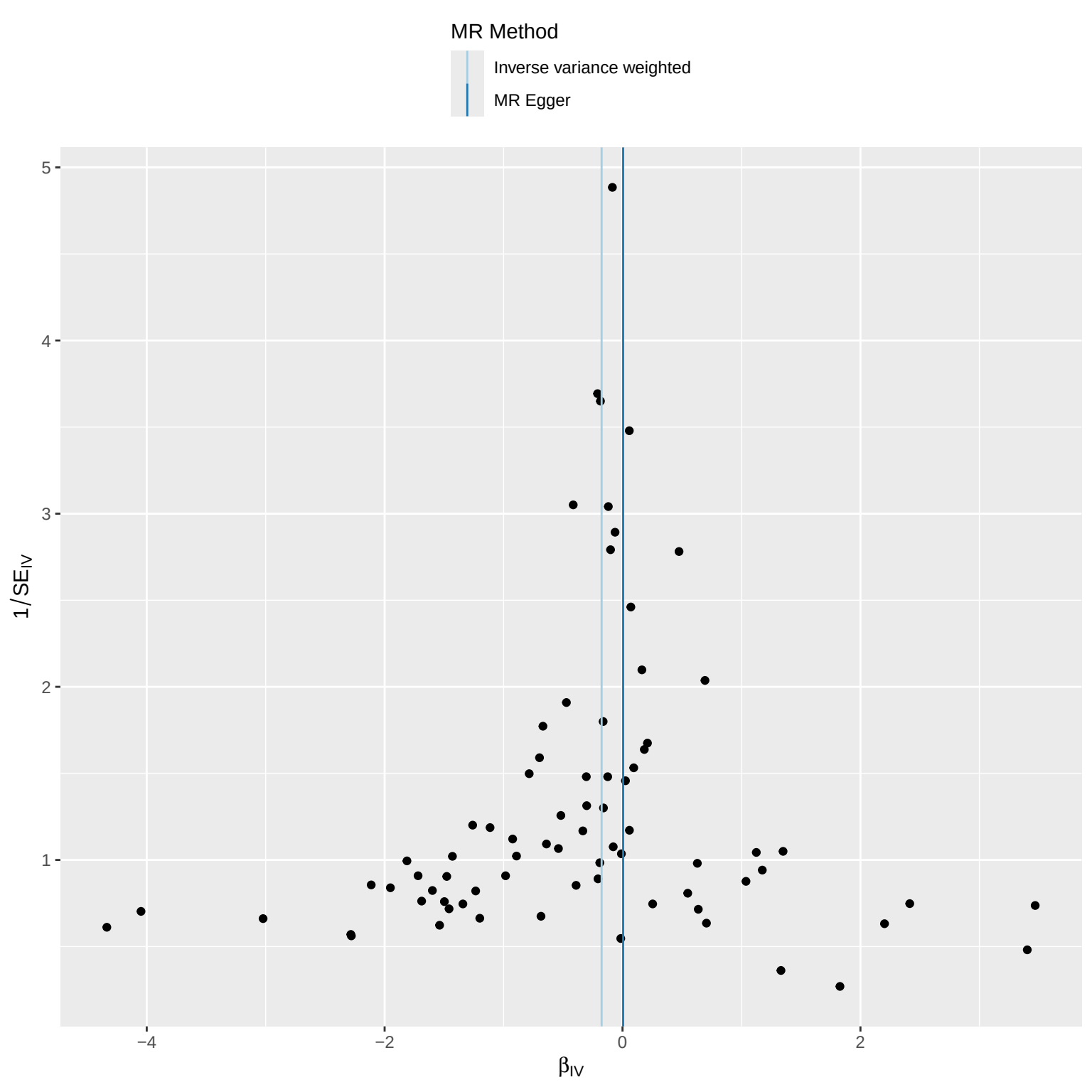

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

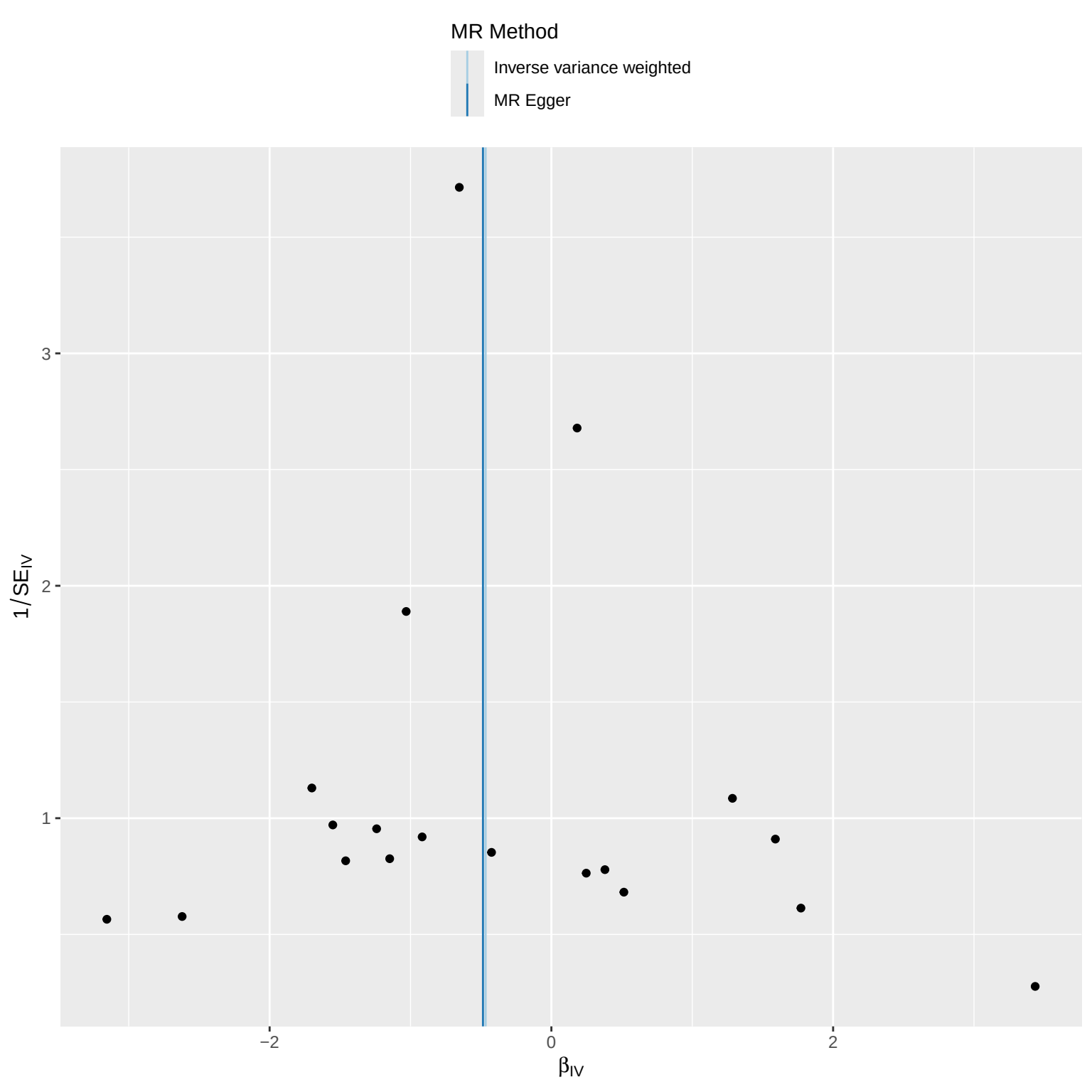

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

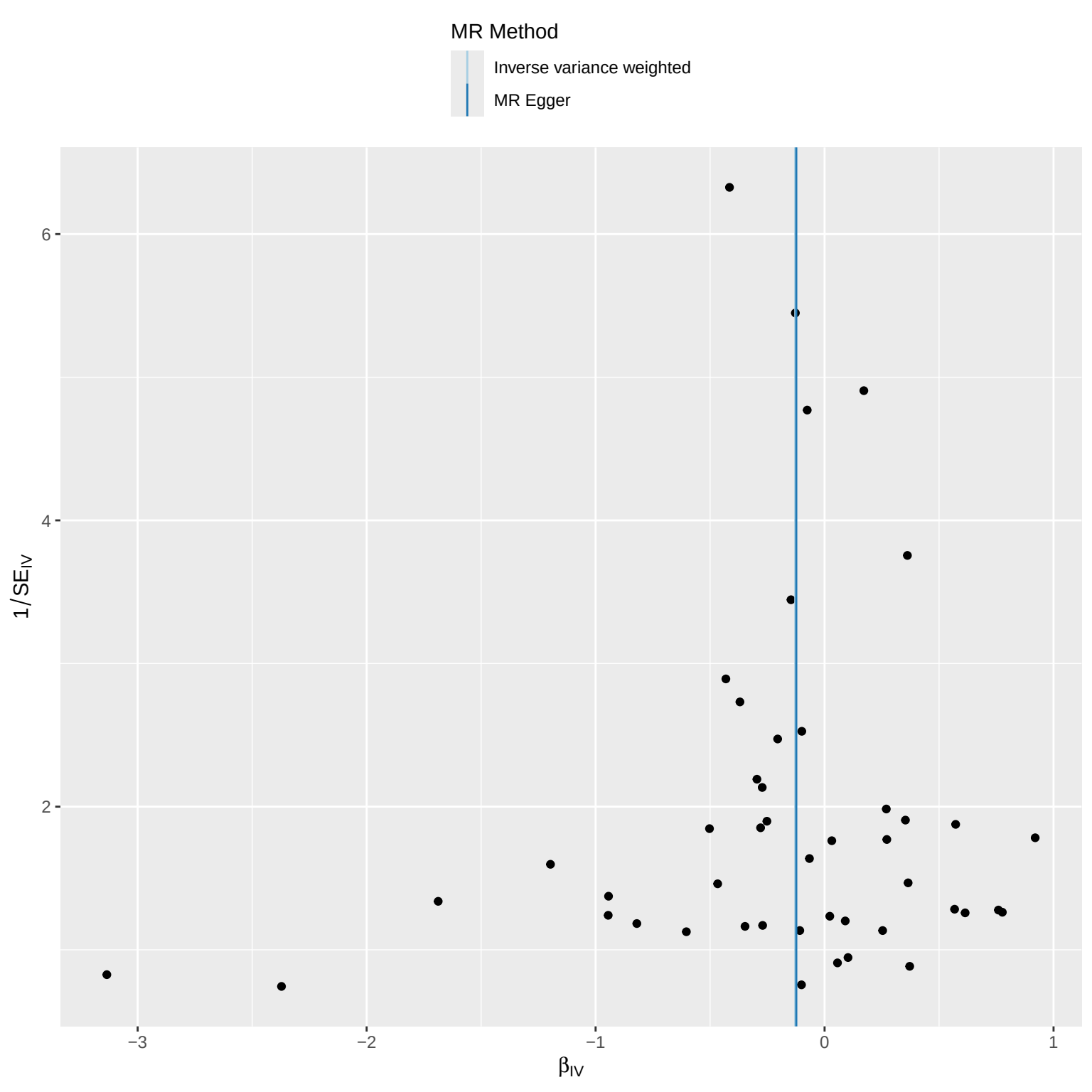

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

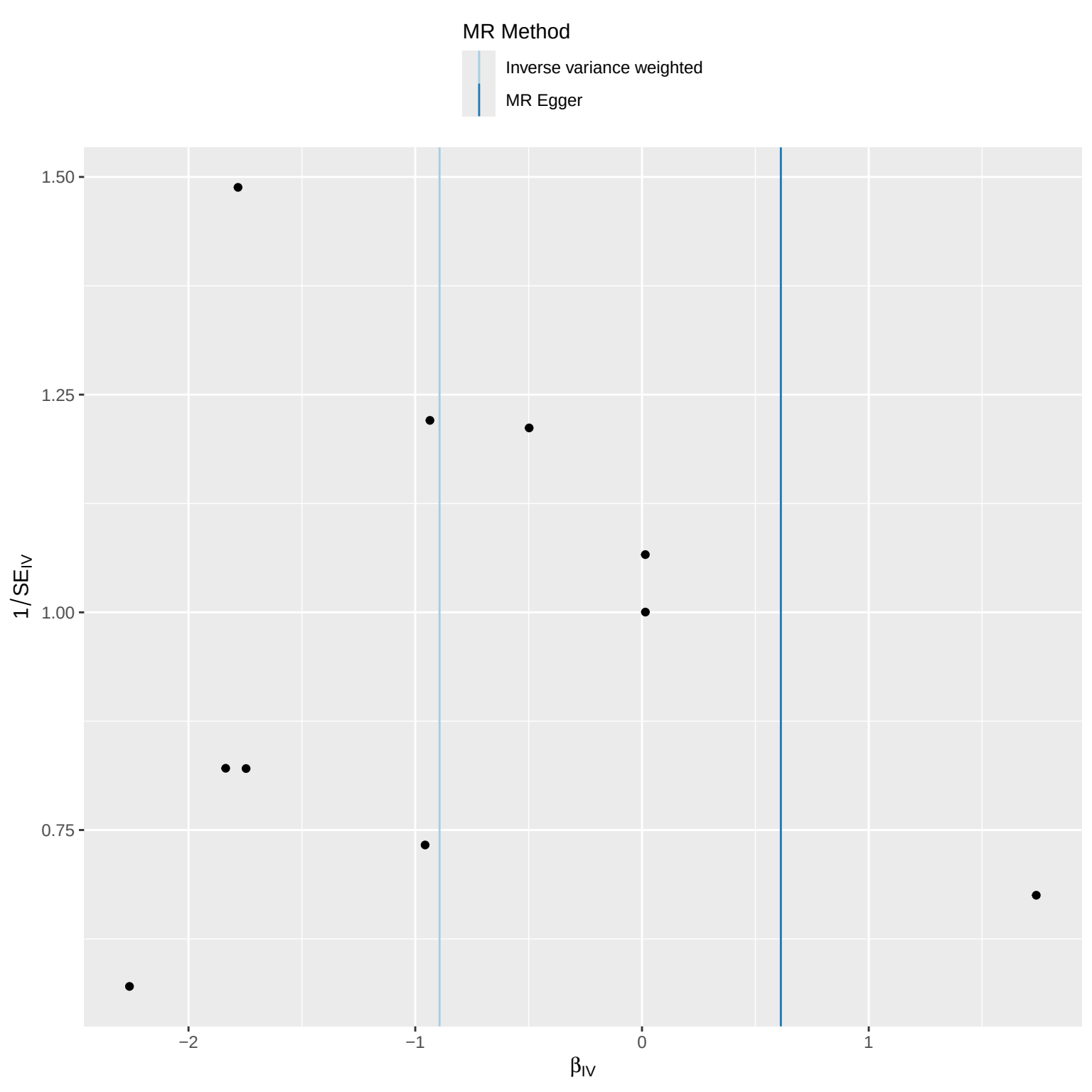

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

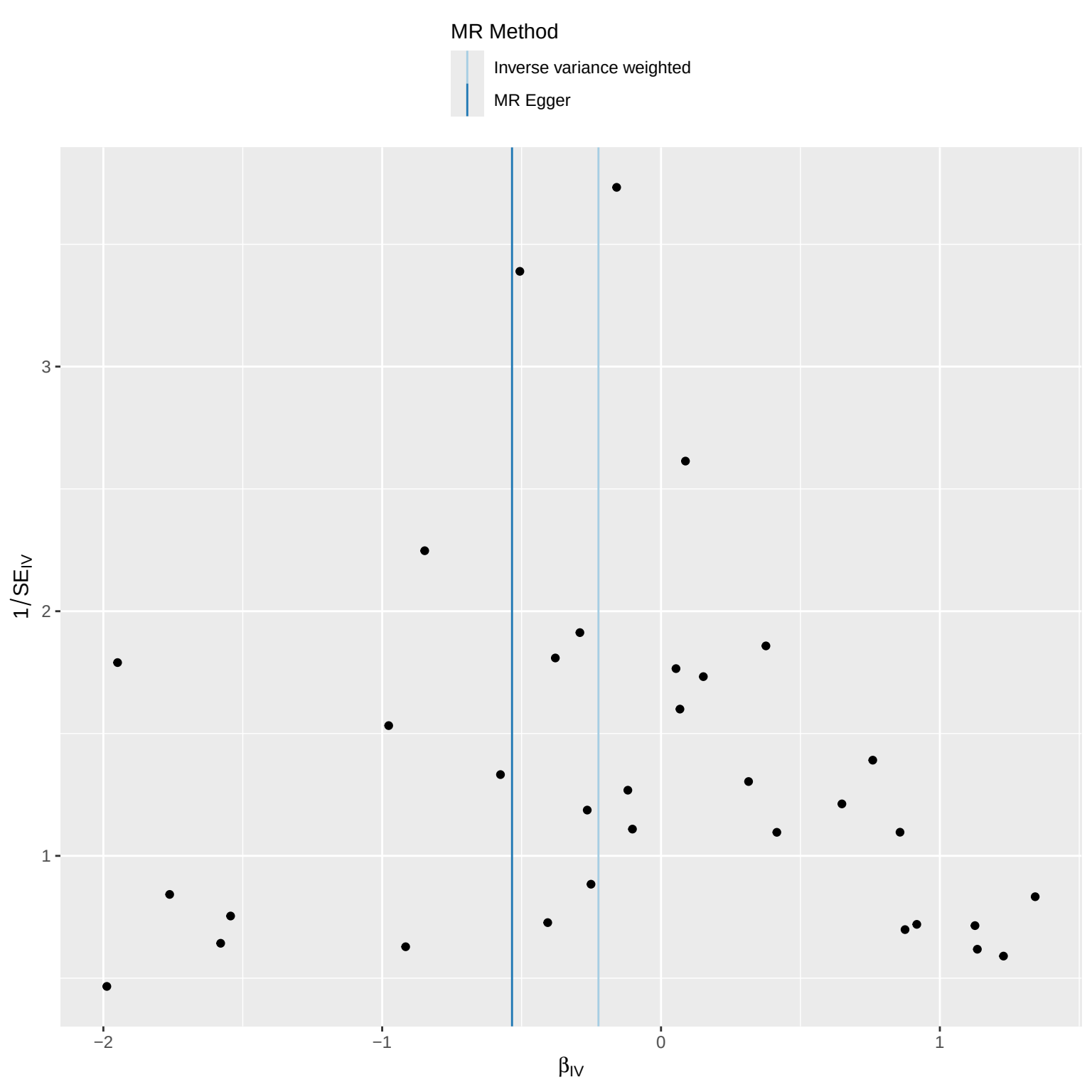

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

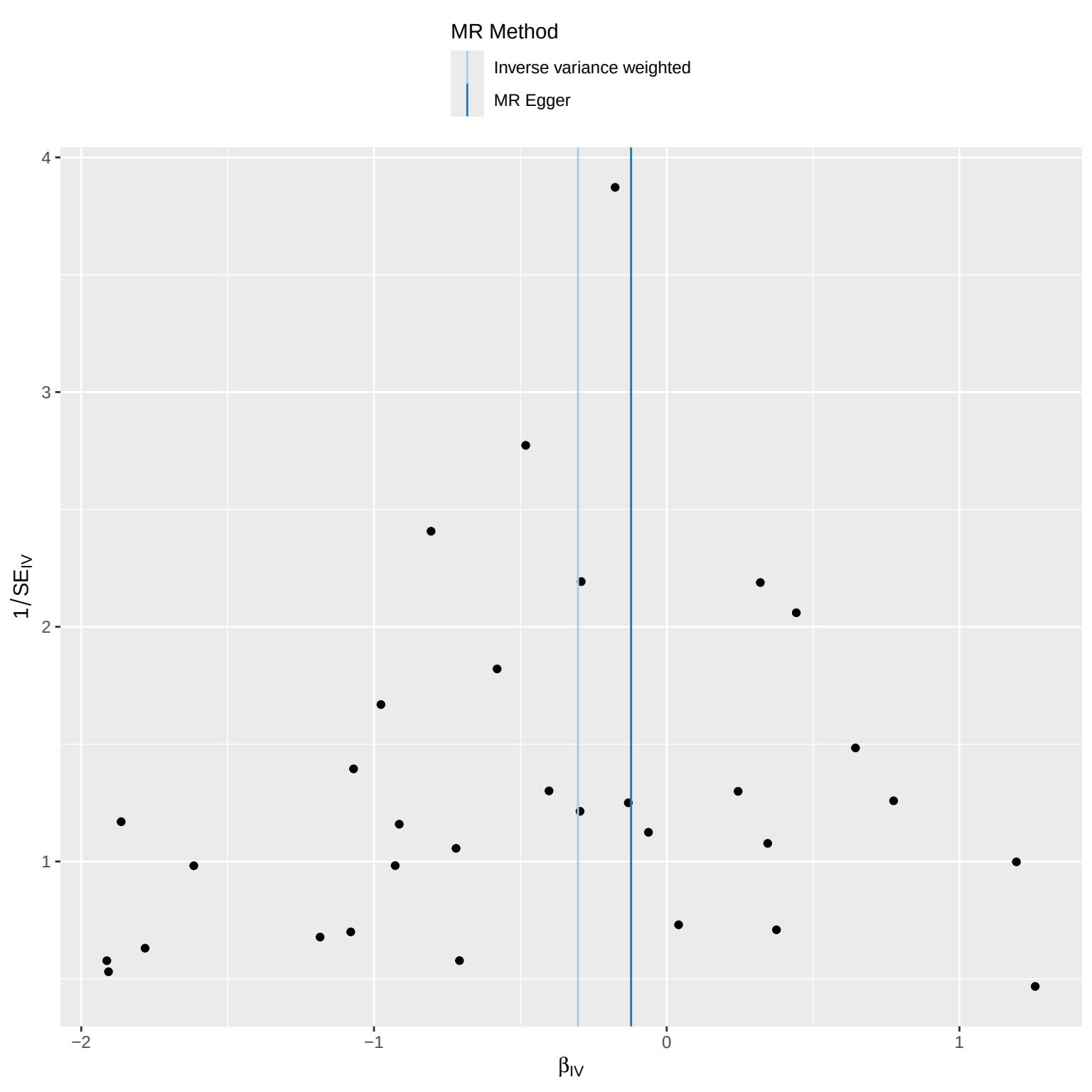

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

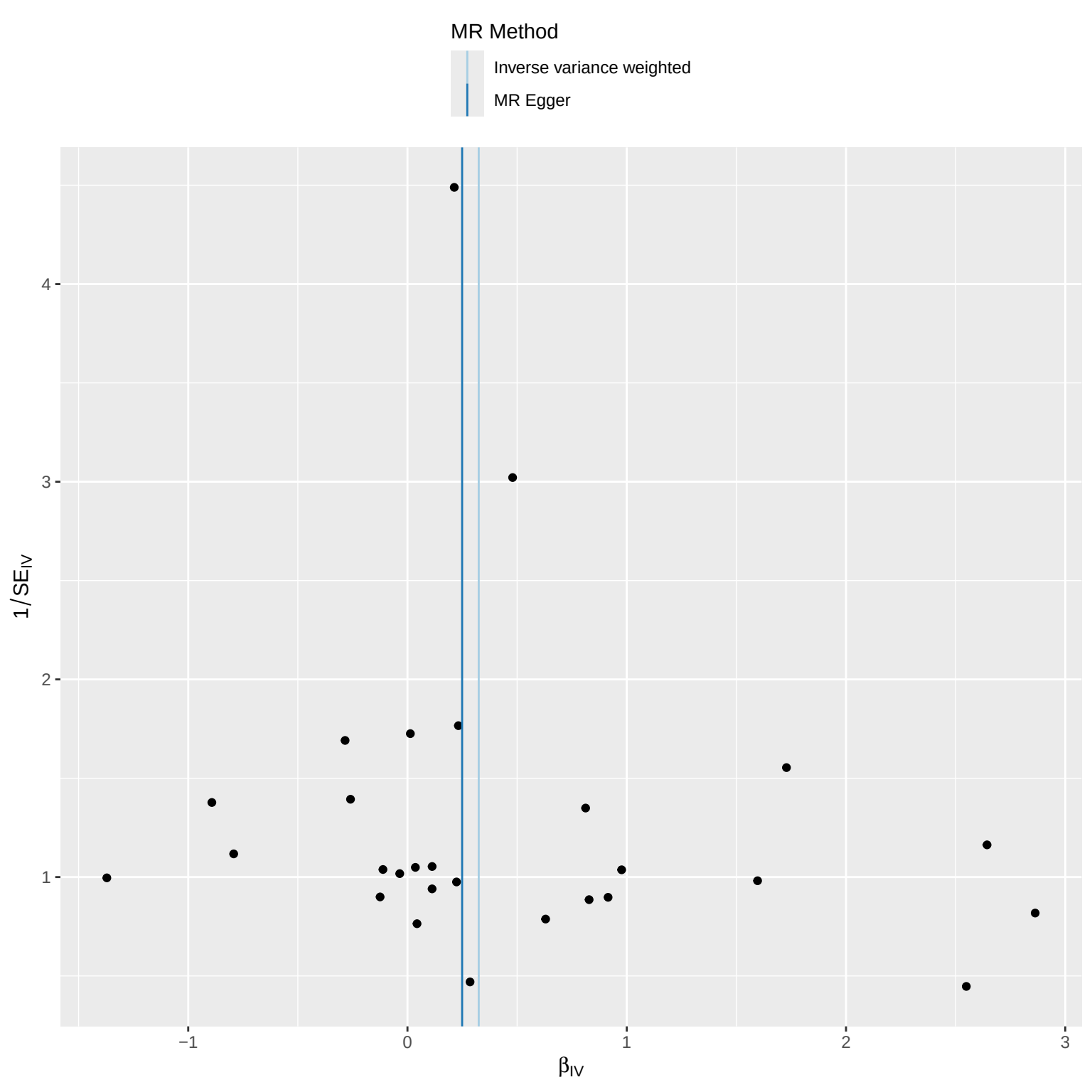

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

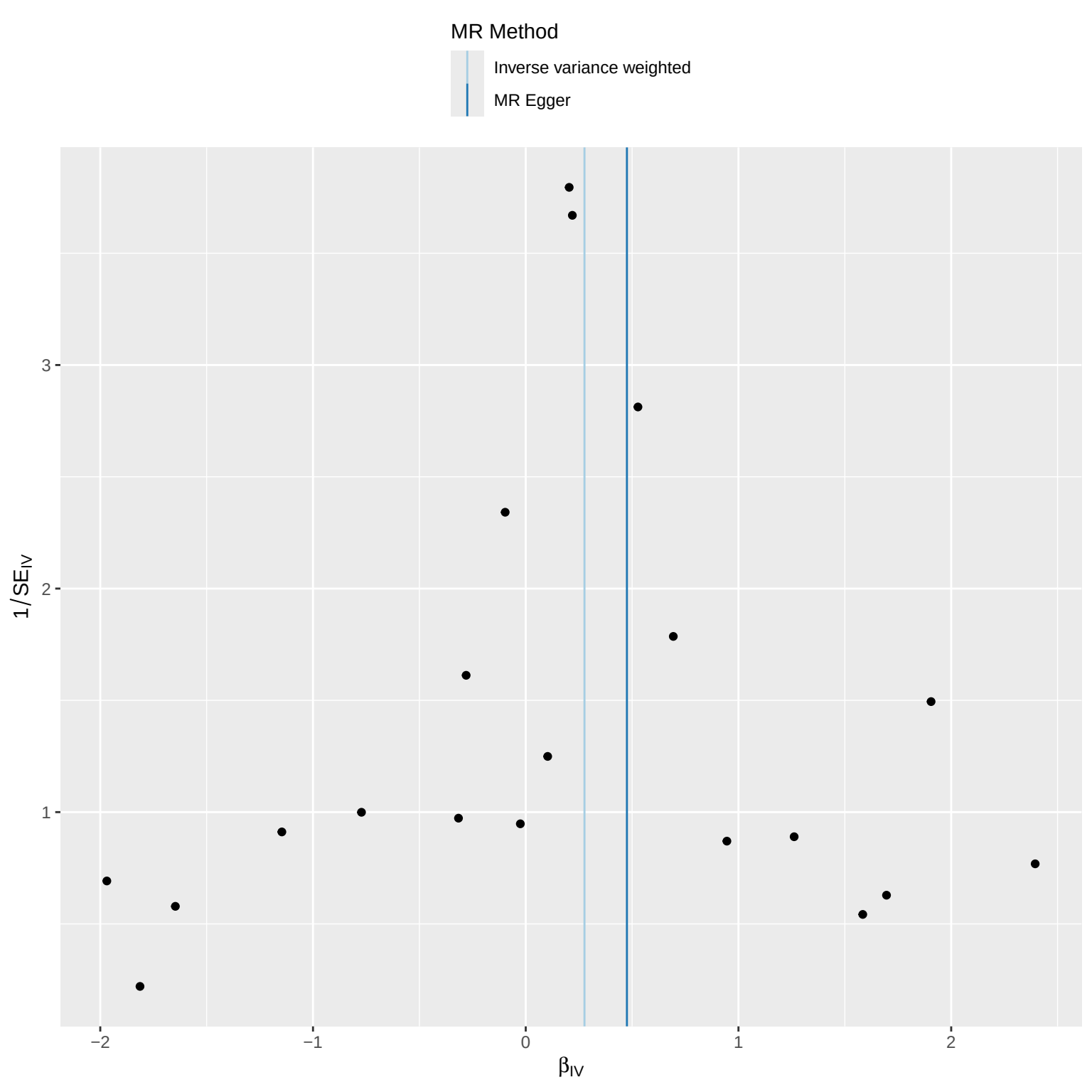

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

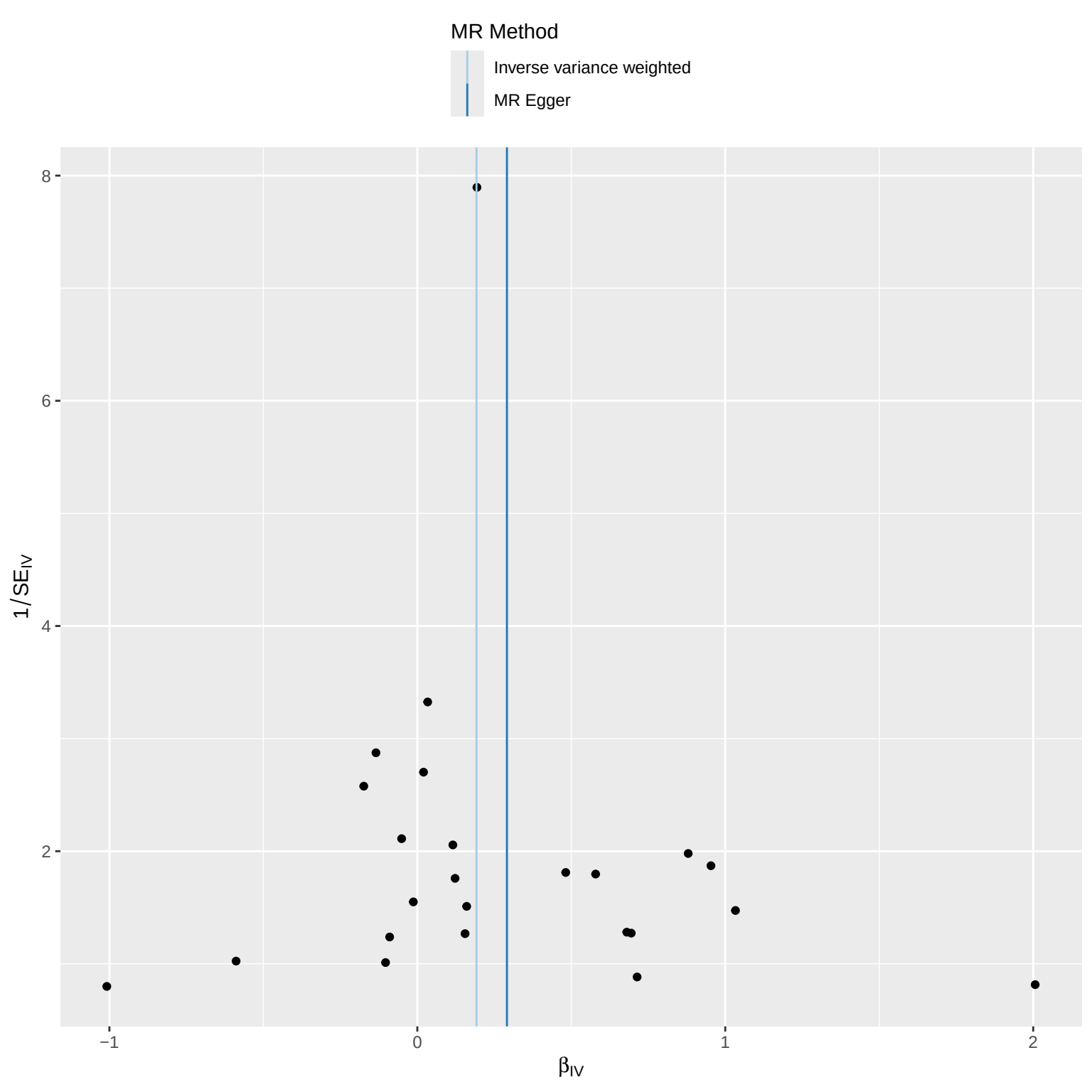

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
1
β_IV

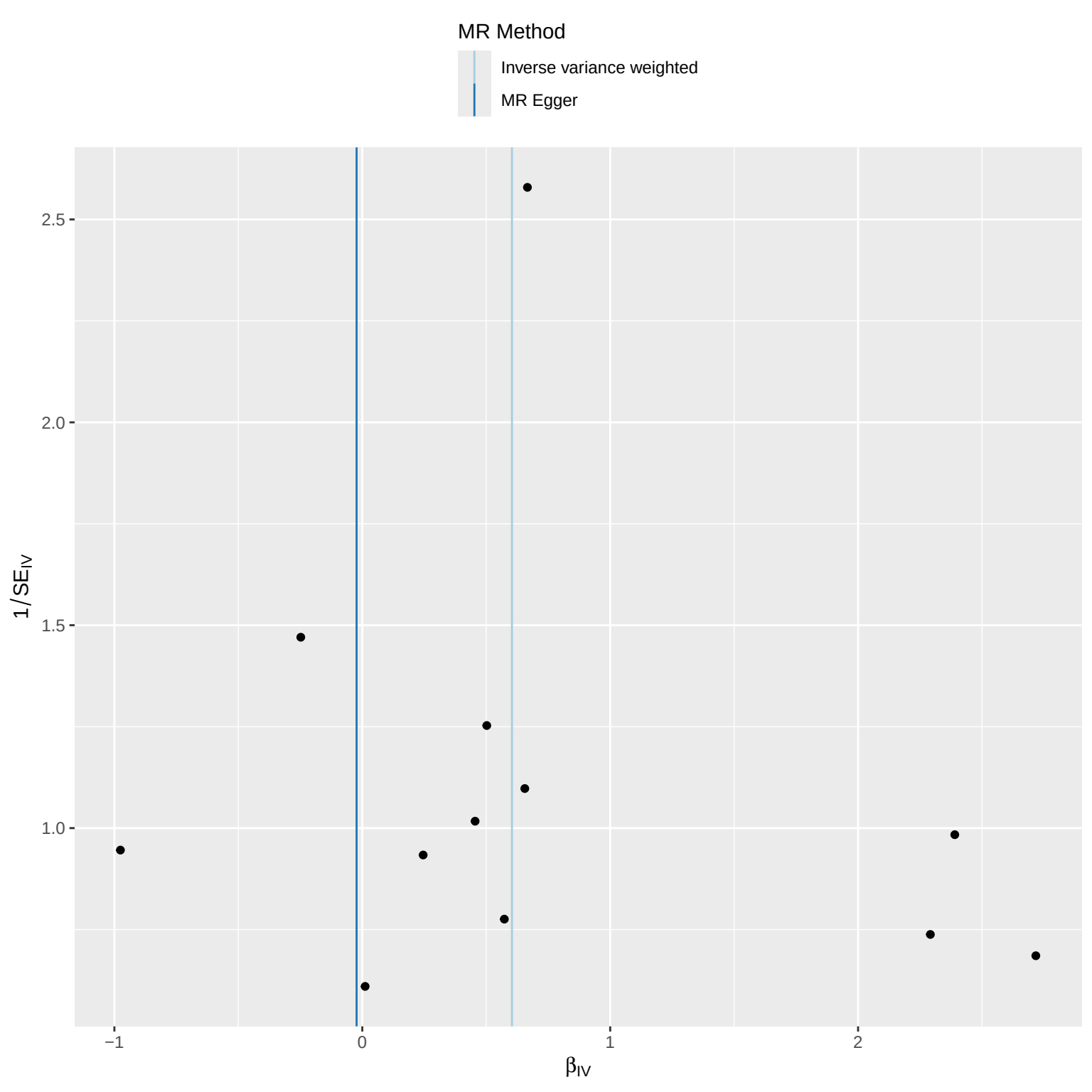

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

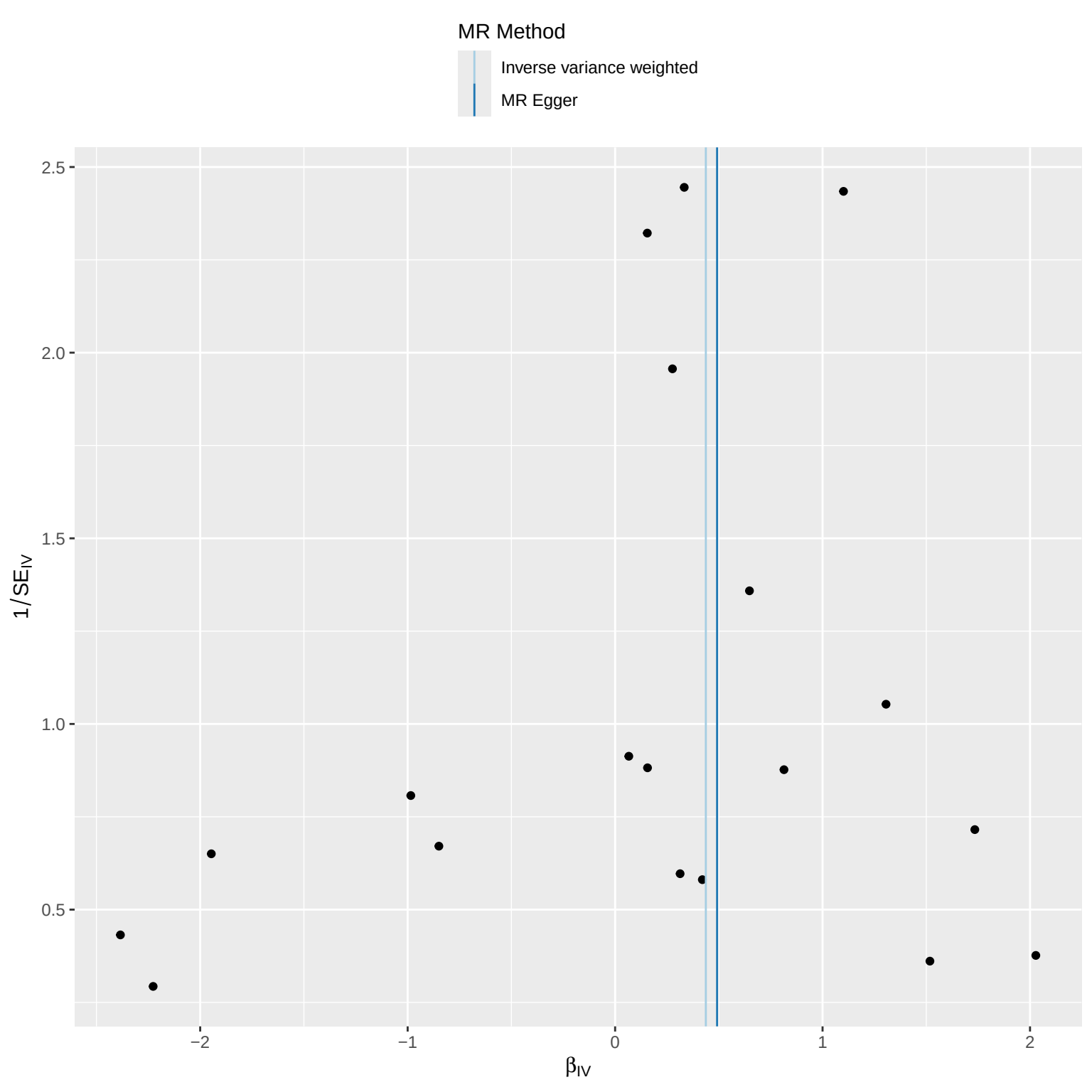

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
−2
−1
0
1
1/SE_IV
β_IV

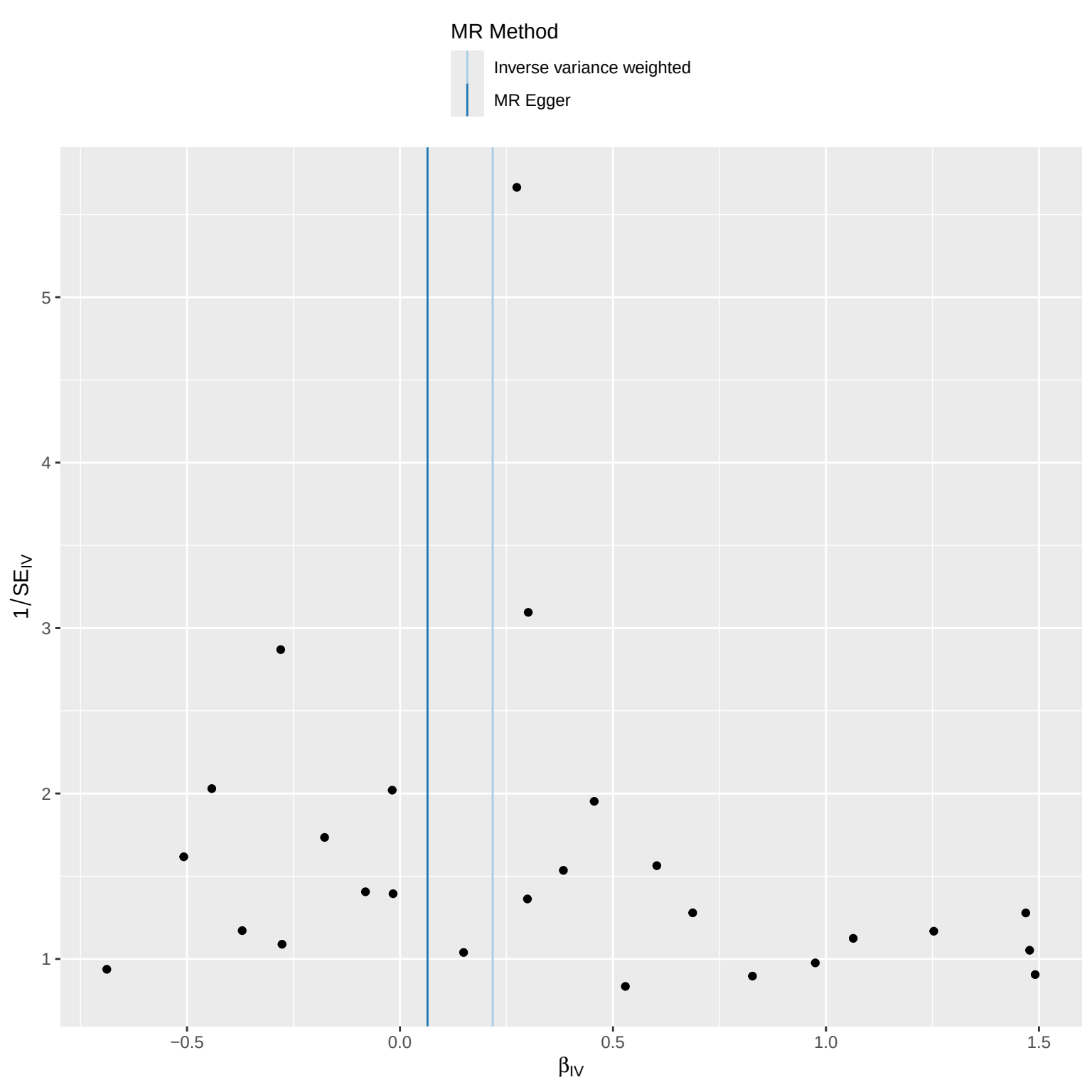

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

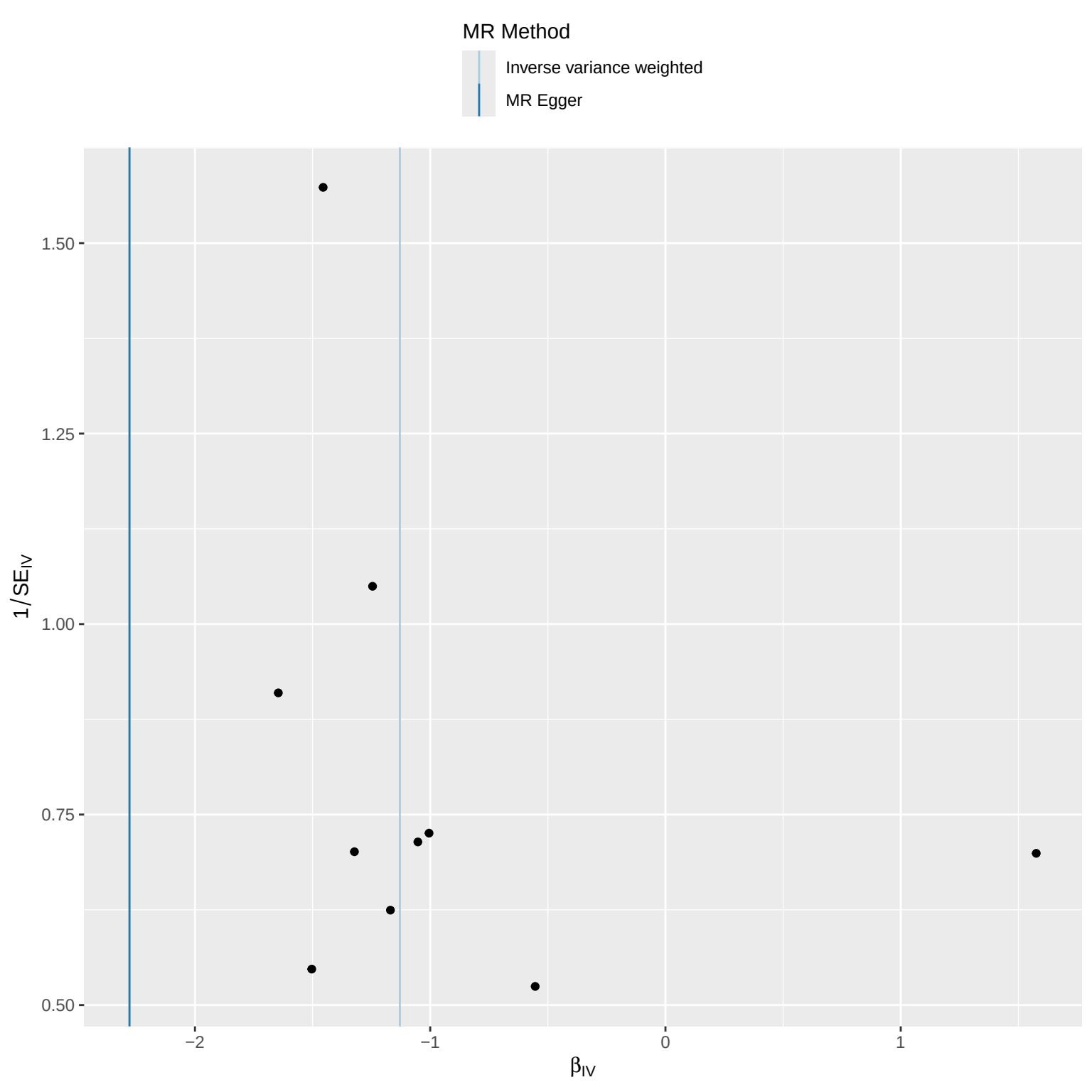

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

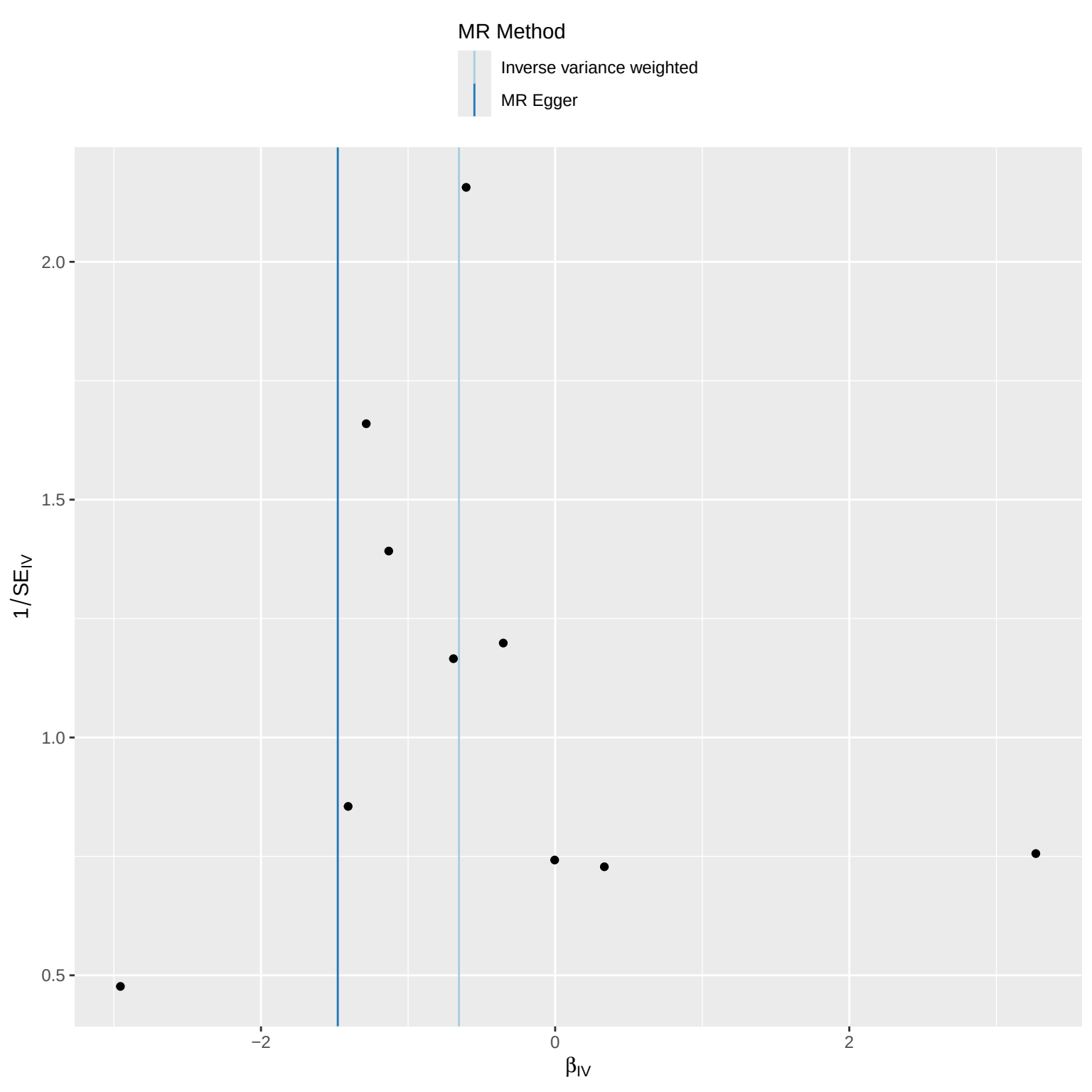

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

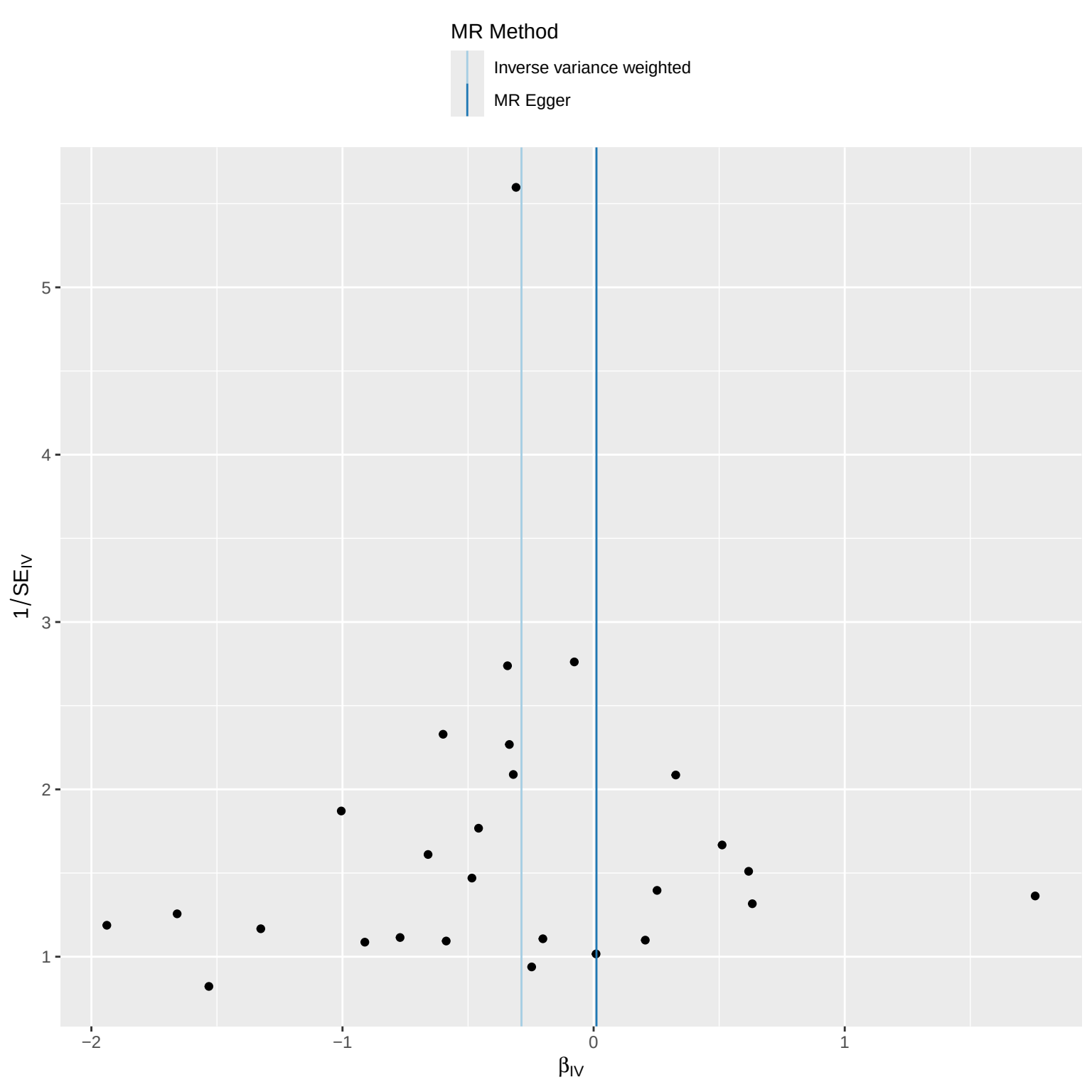

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

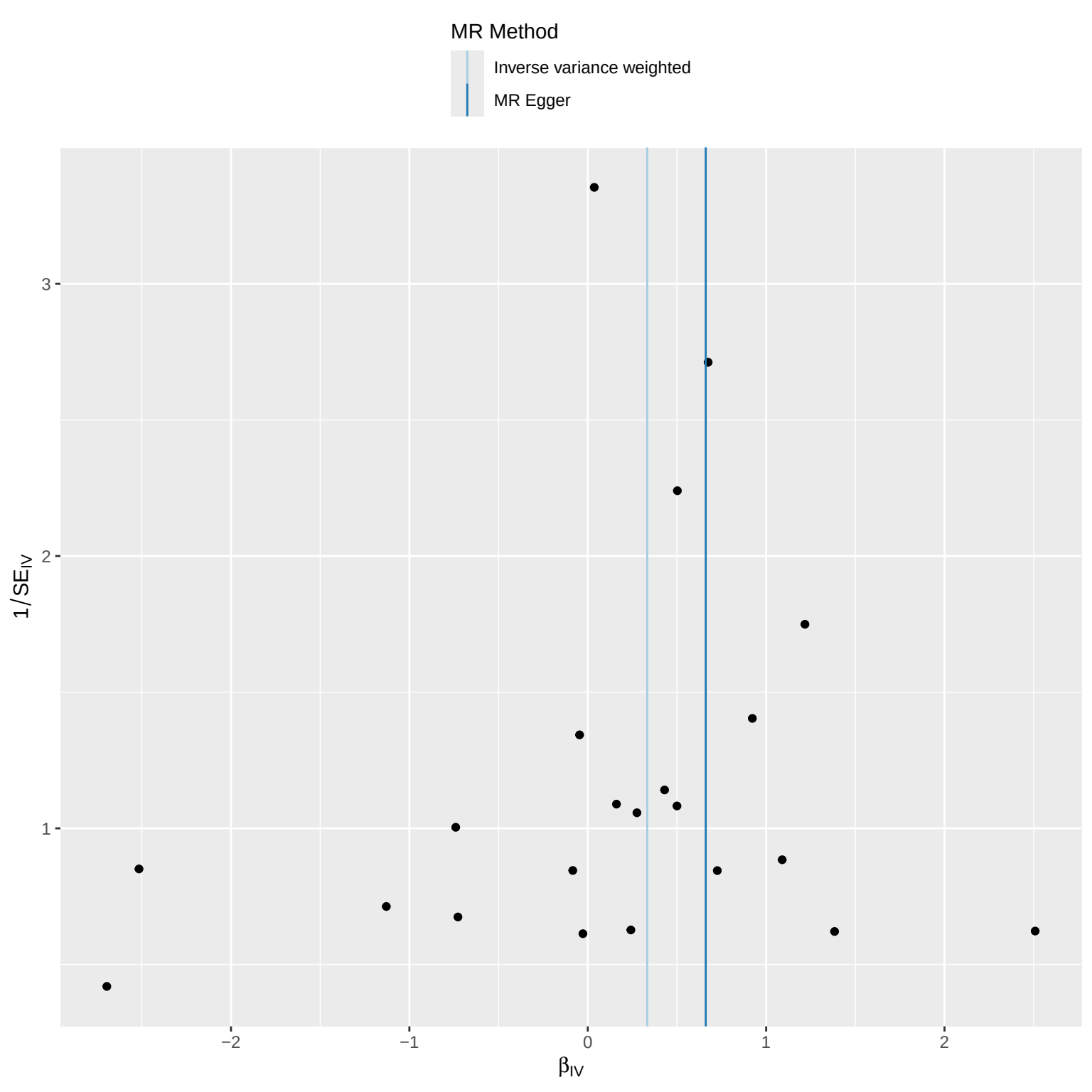

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

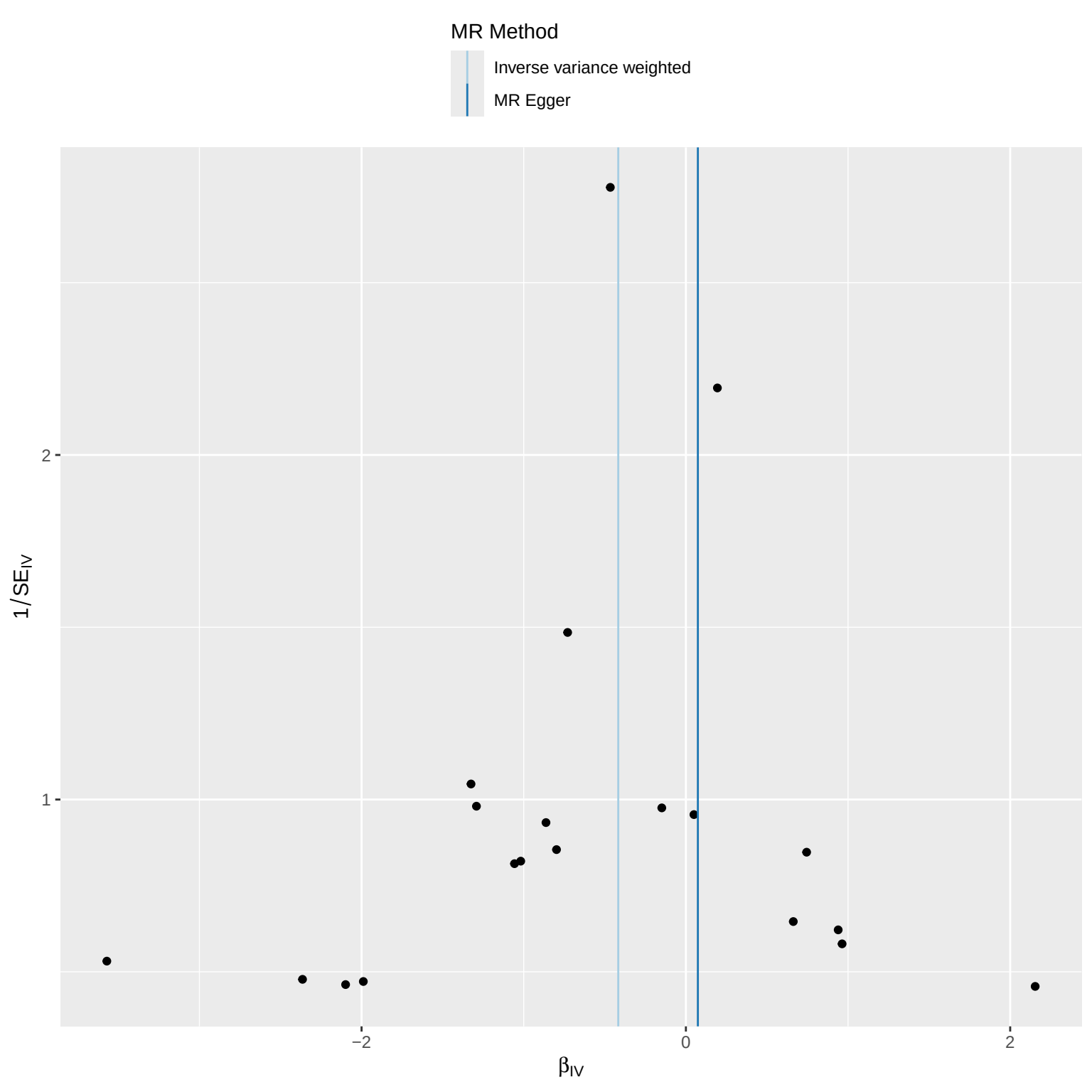

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−0.5
0.0
0.5
1.0
1.5

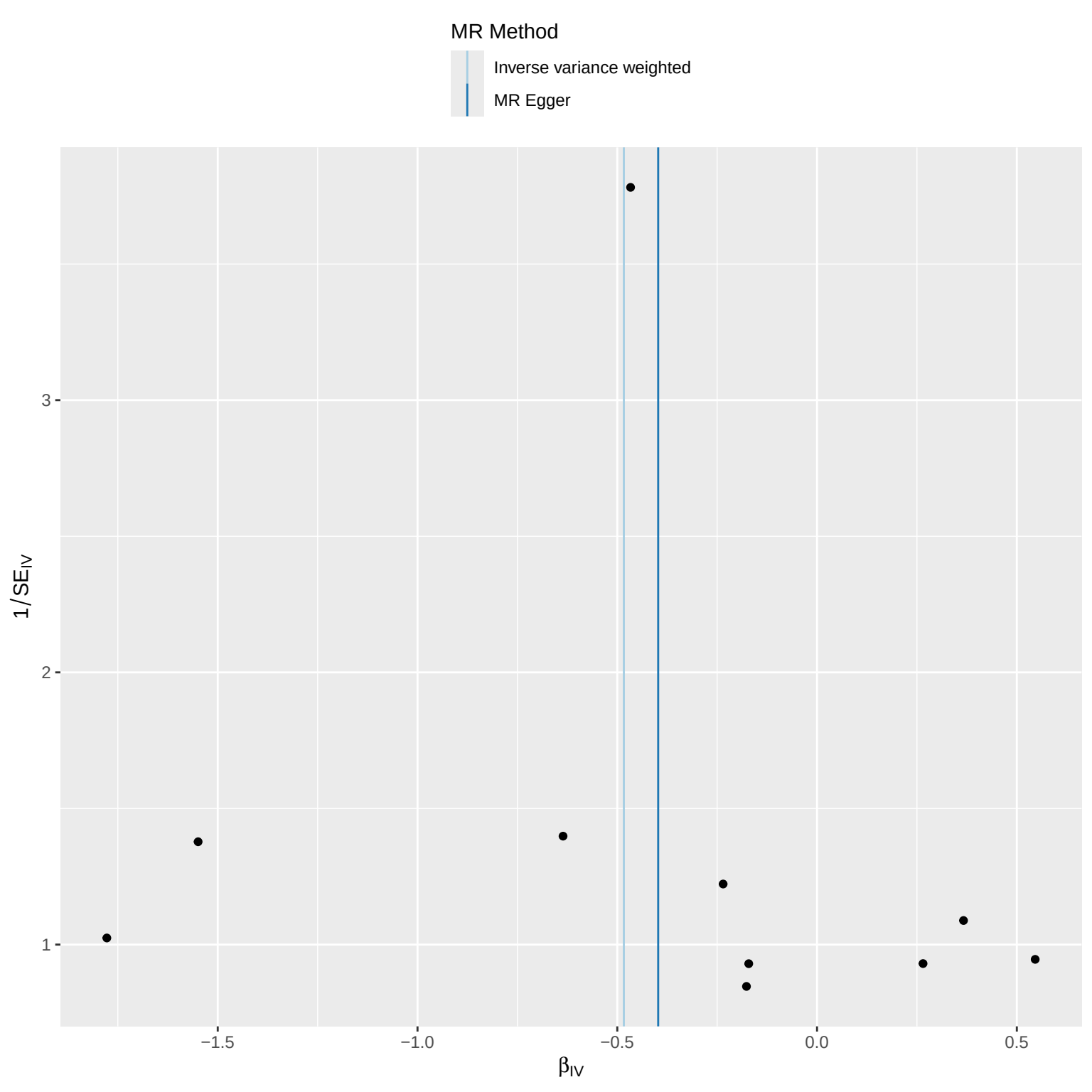

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
β_IV

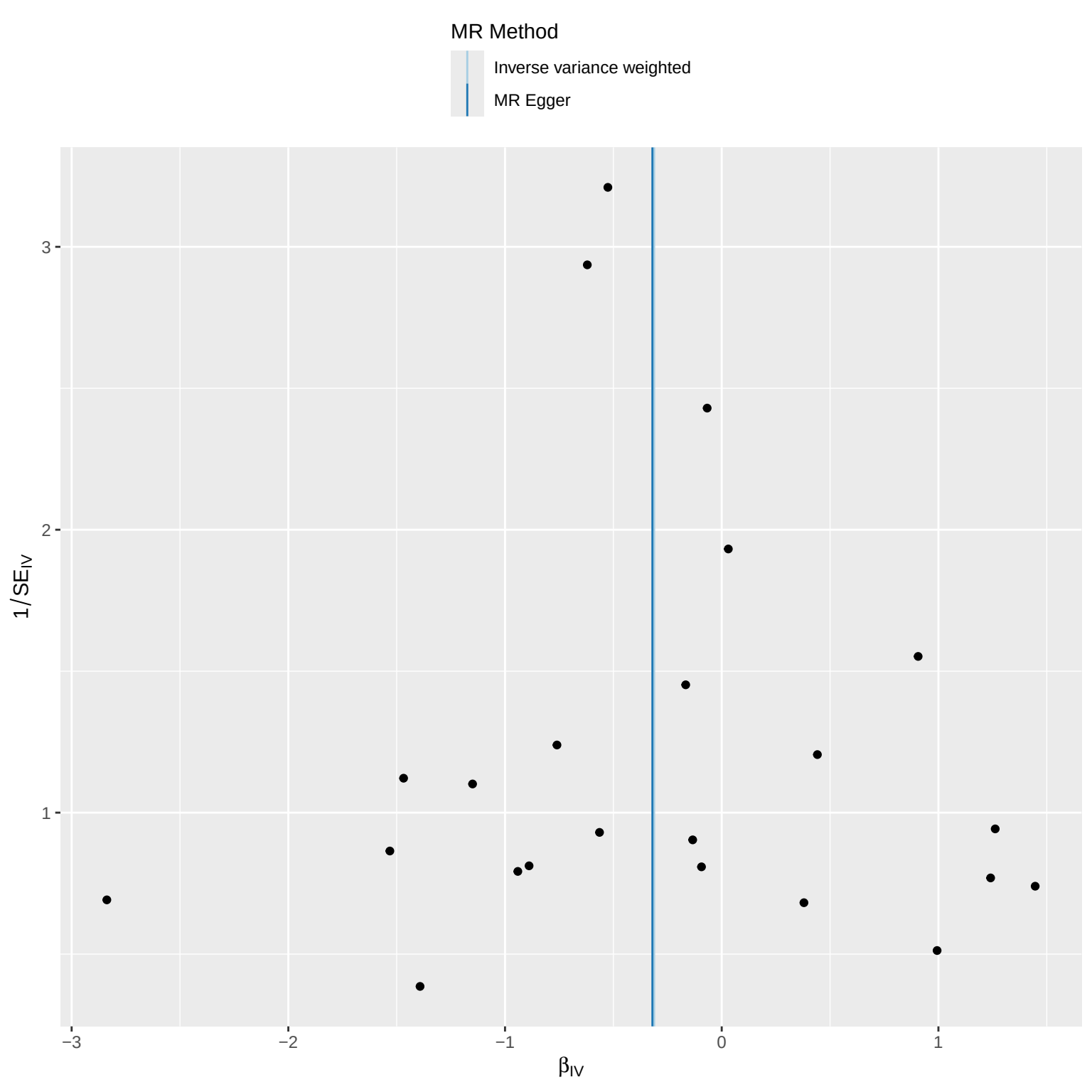

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

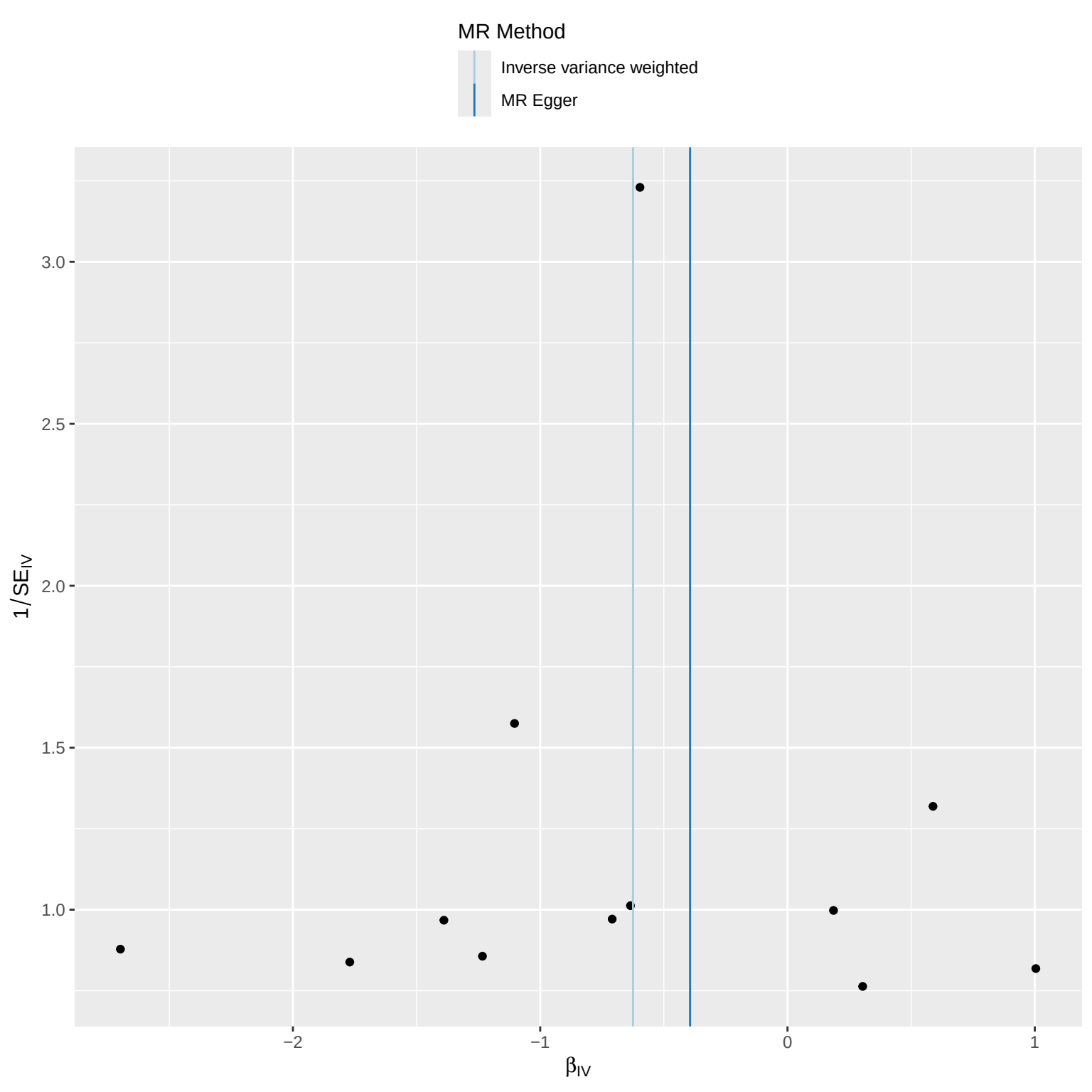

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−2
−1
0
1
β_IV

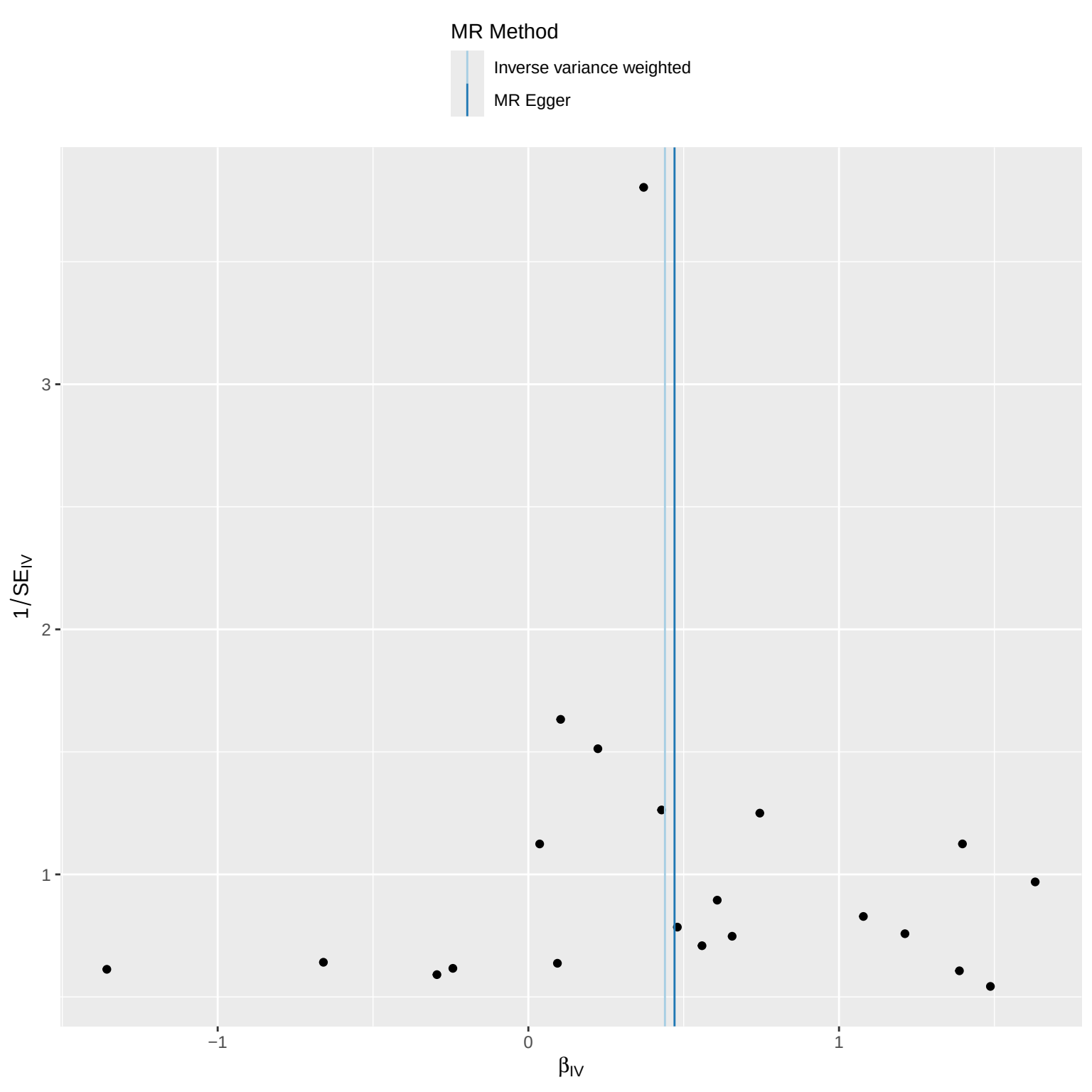

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
β_{IV}

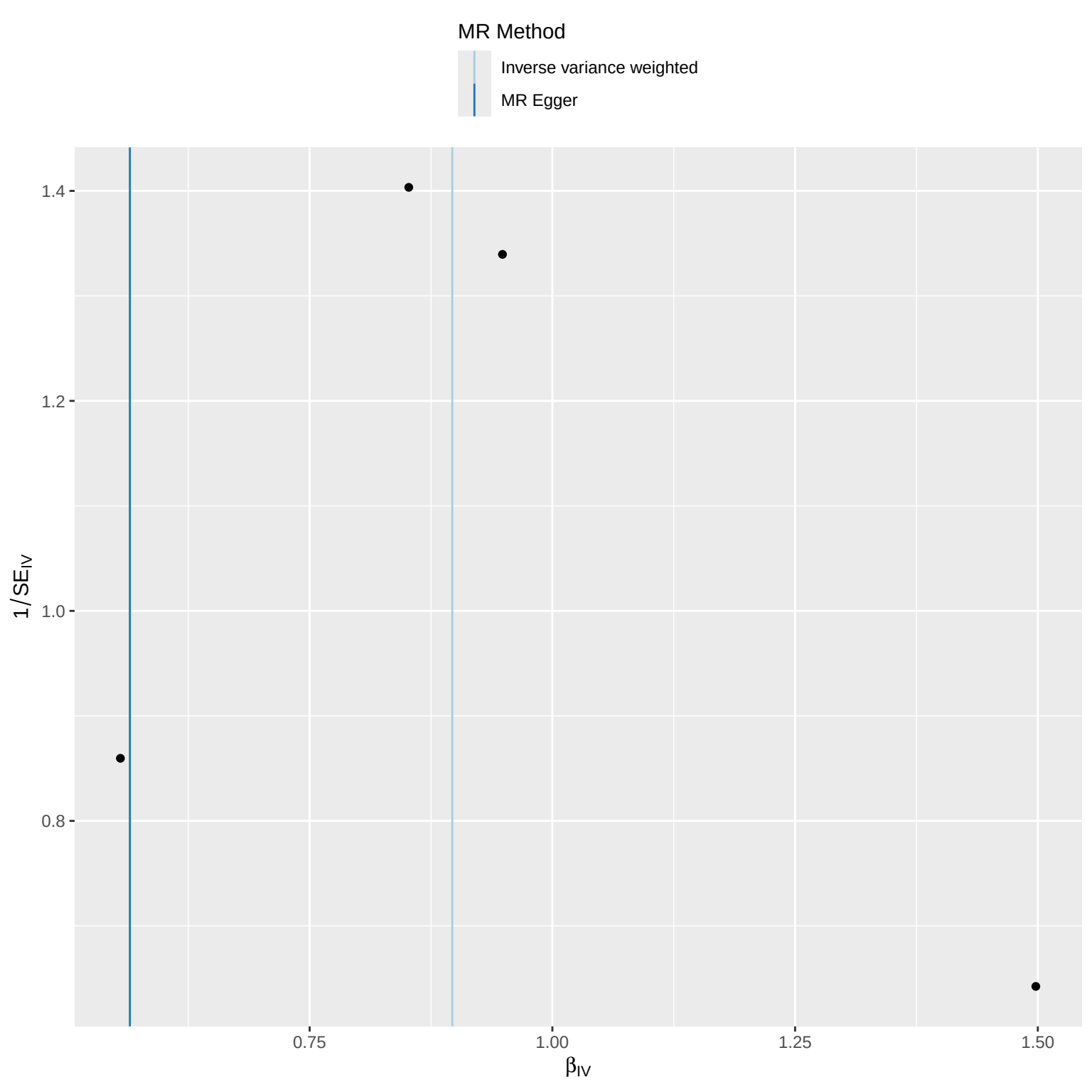

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

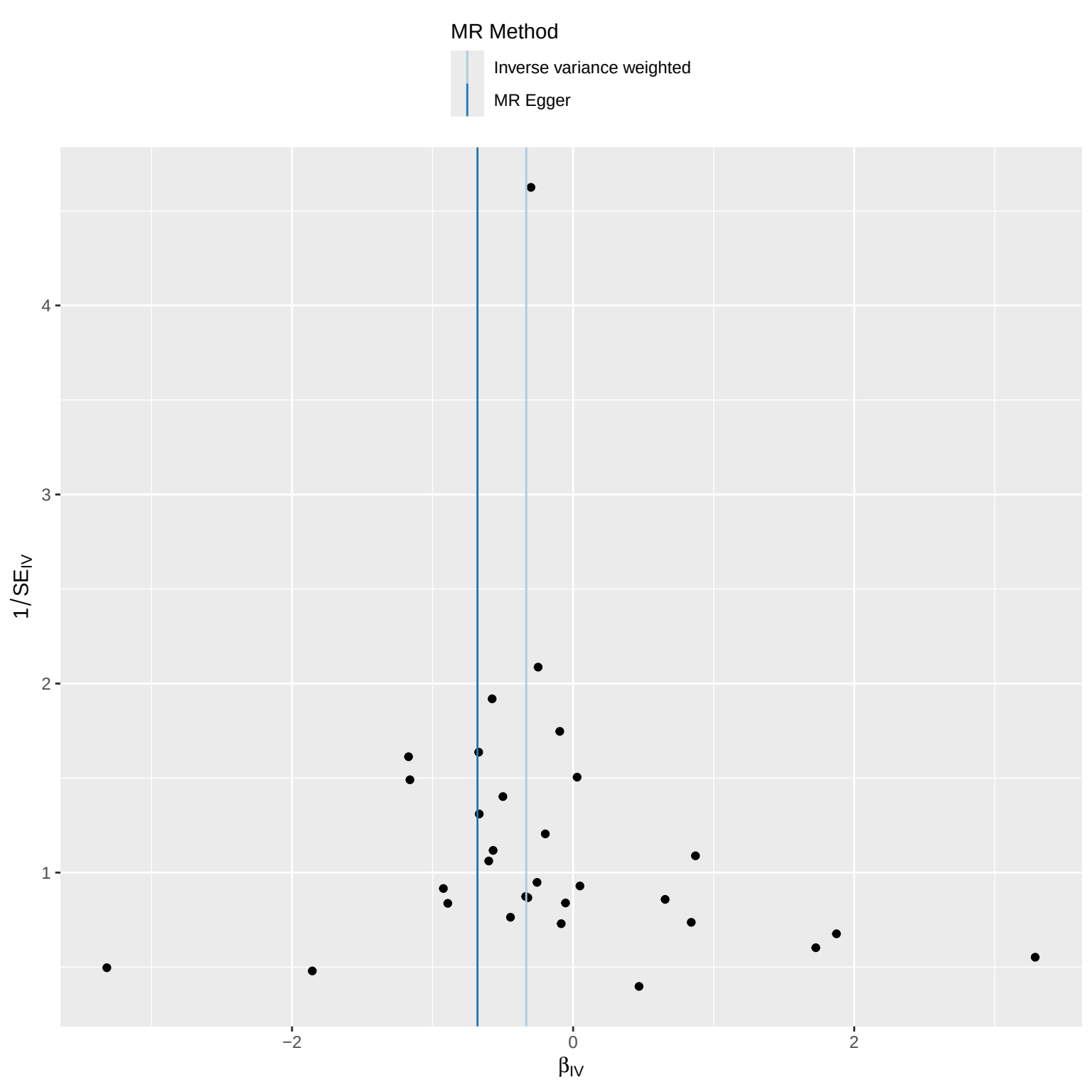

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

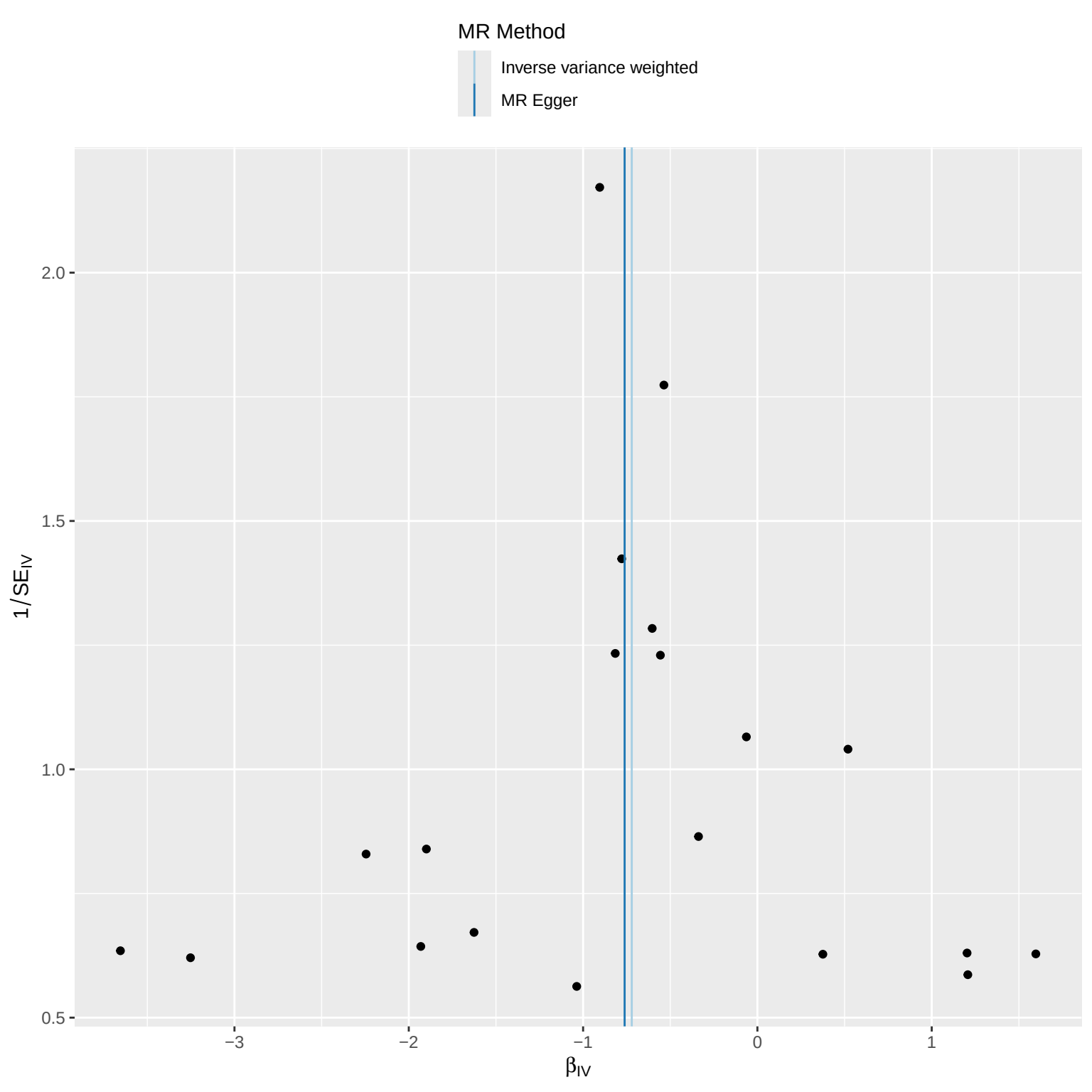

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

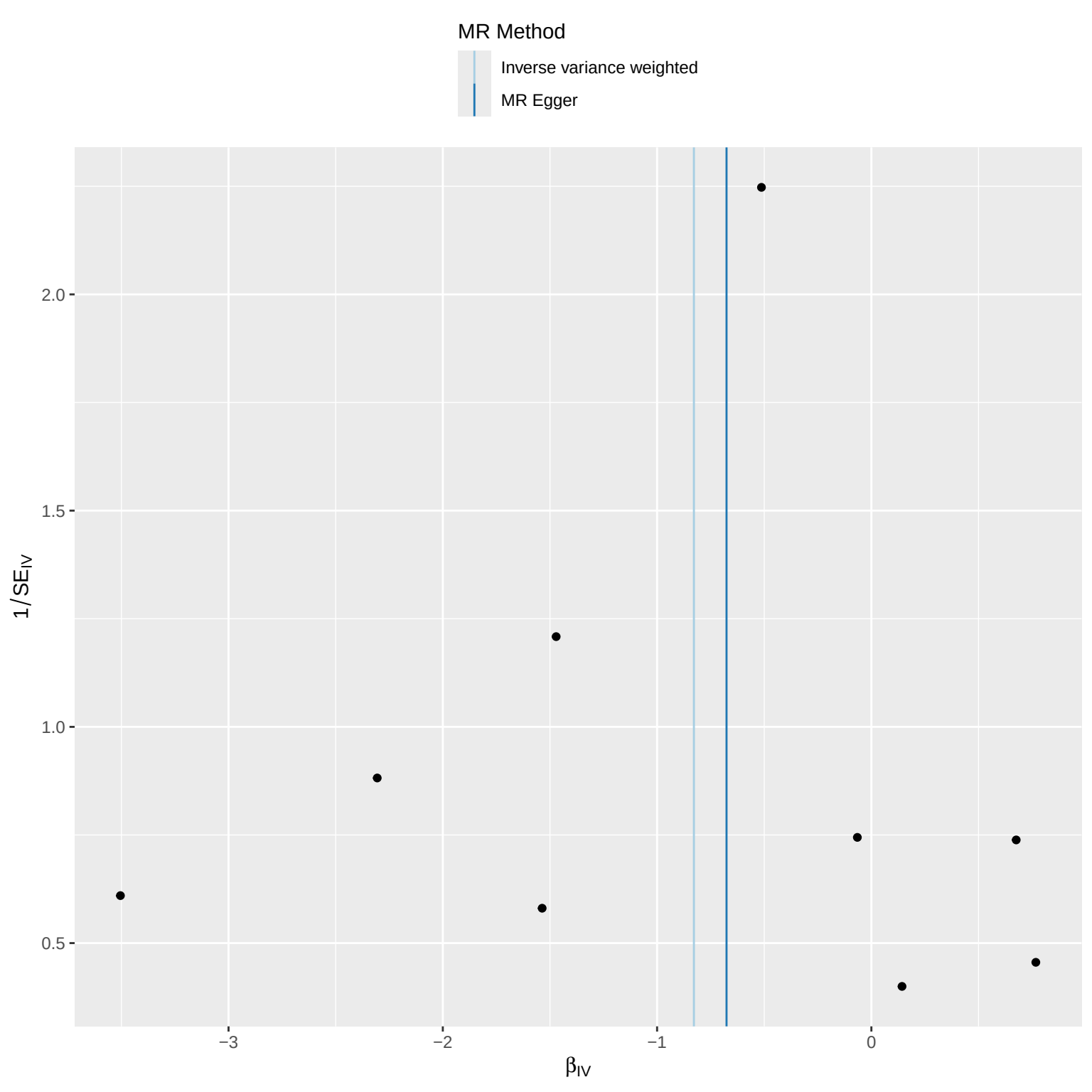

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

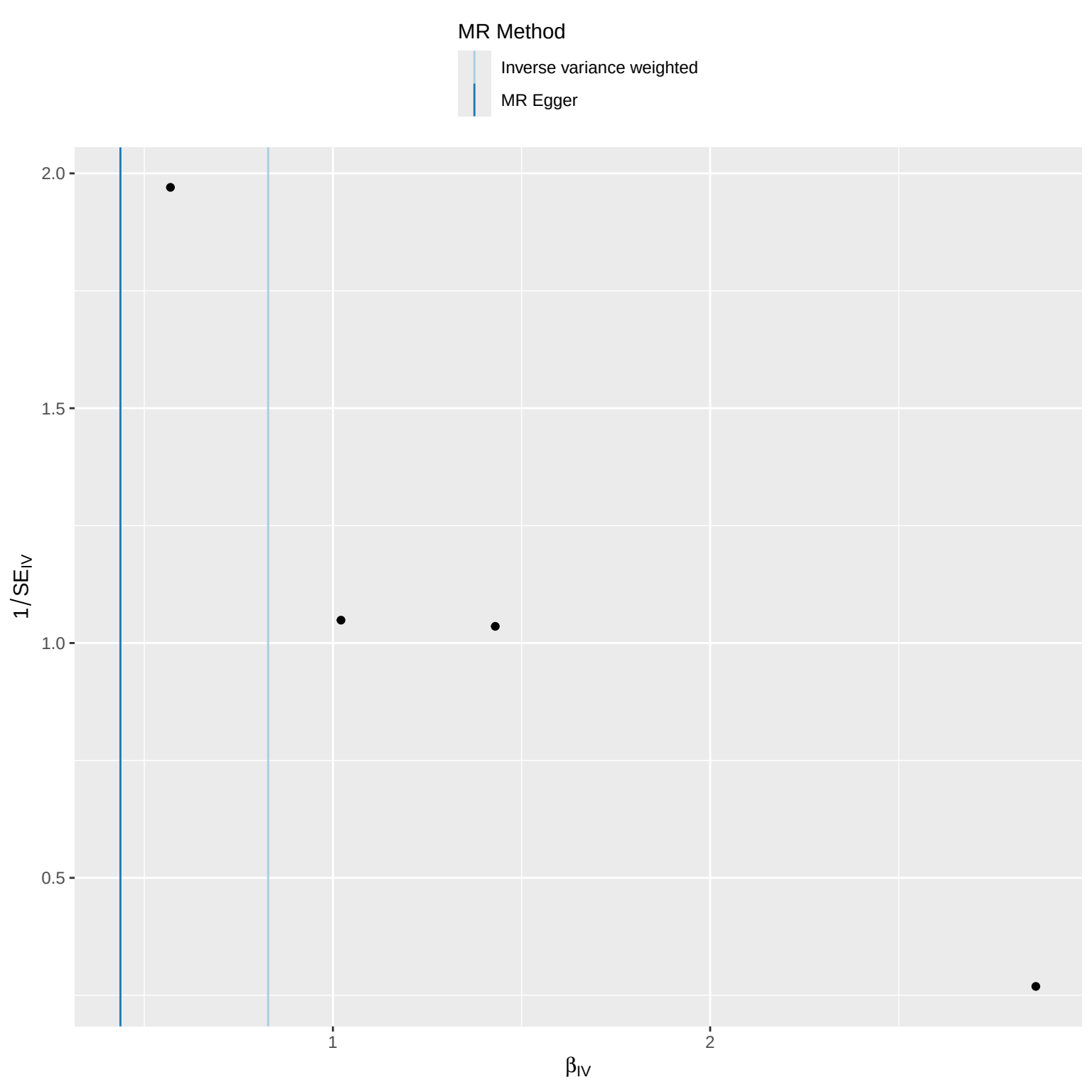

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

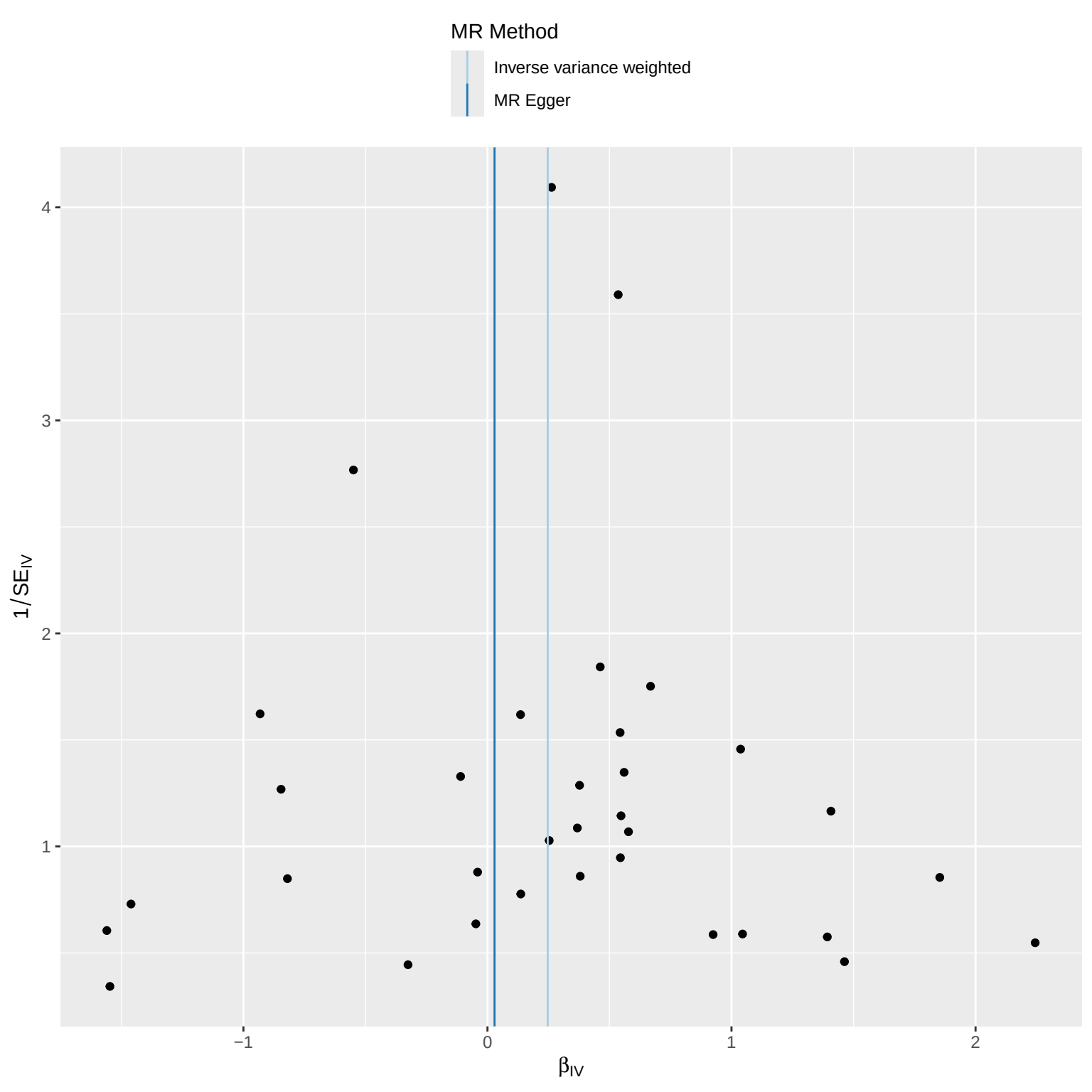

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
0.75
1.00
1.25
1.50
β_IV

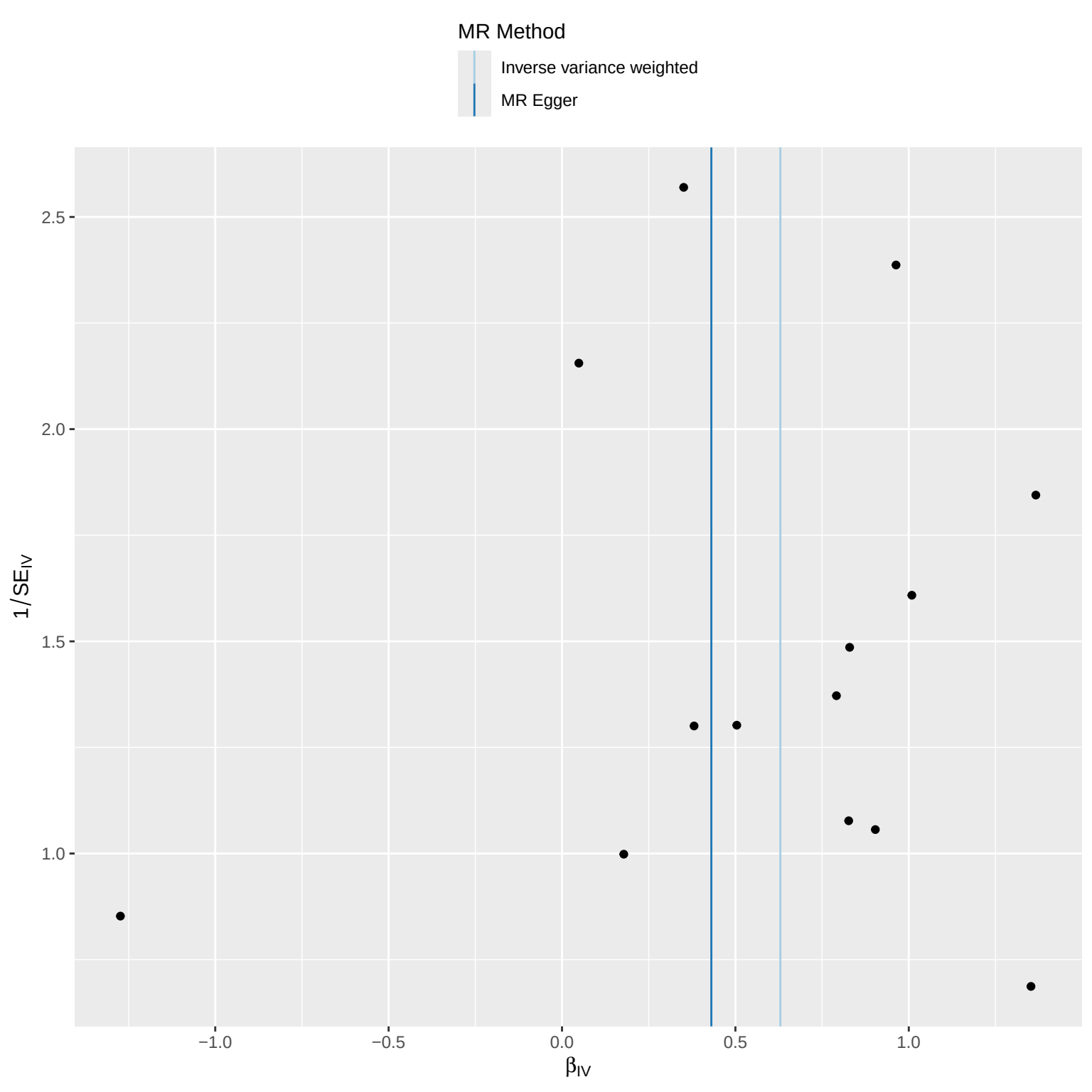

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

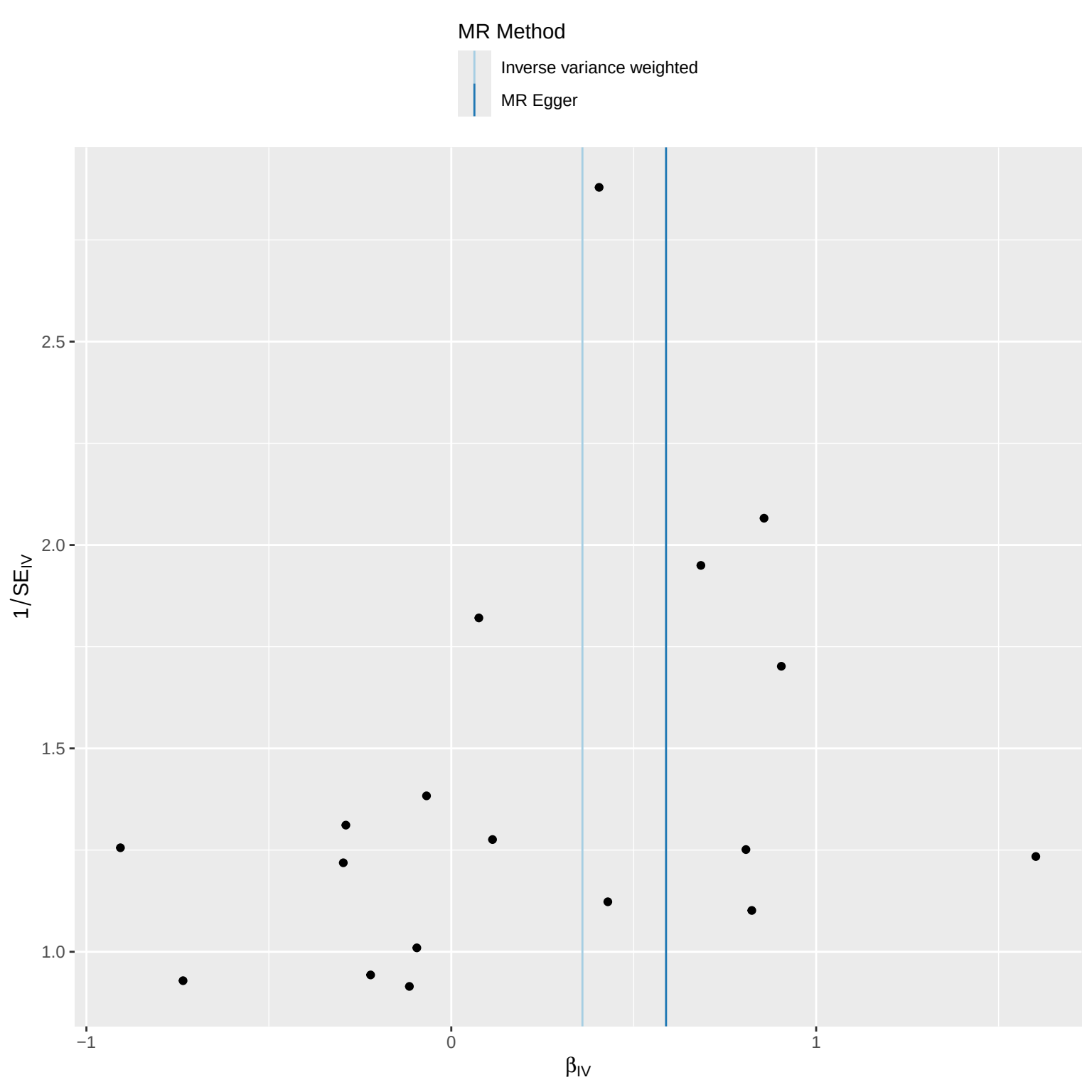

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

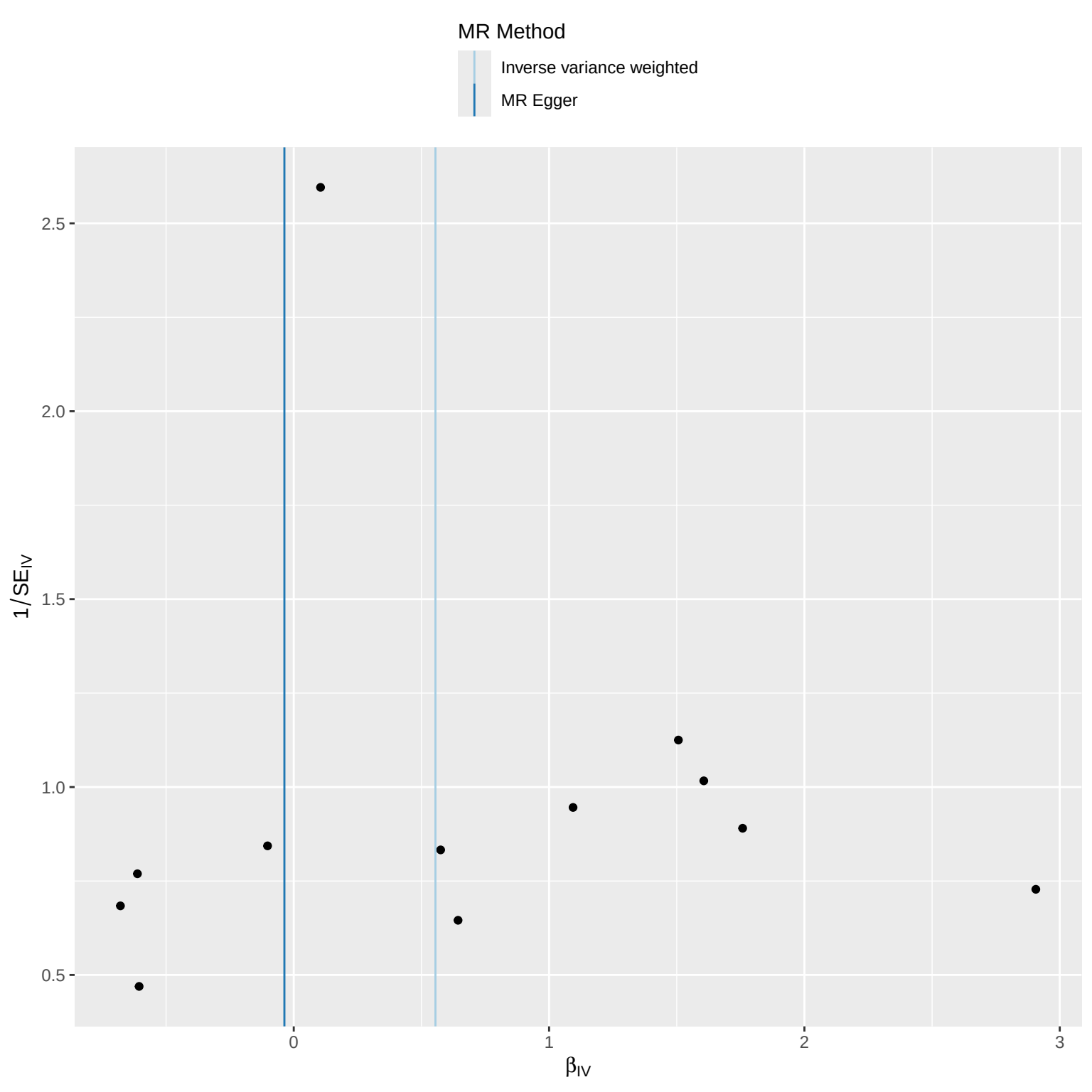

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

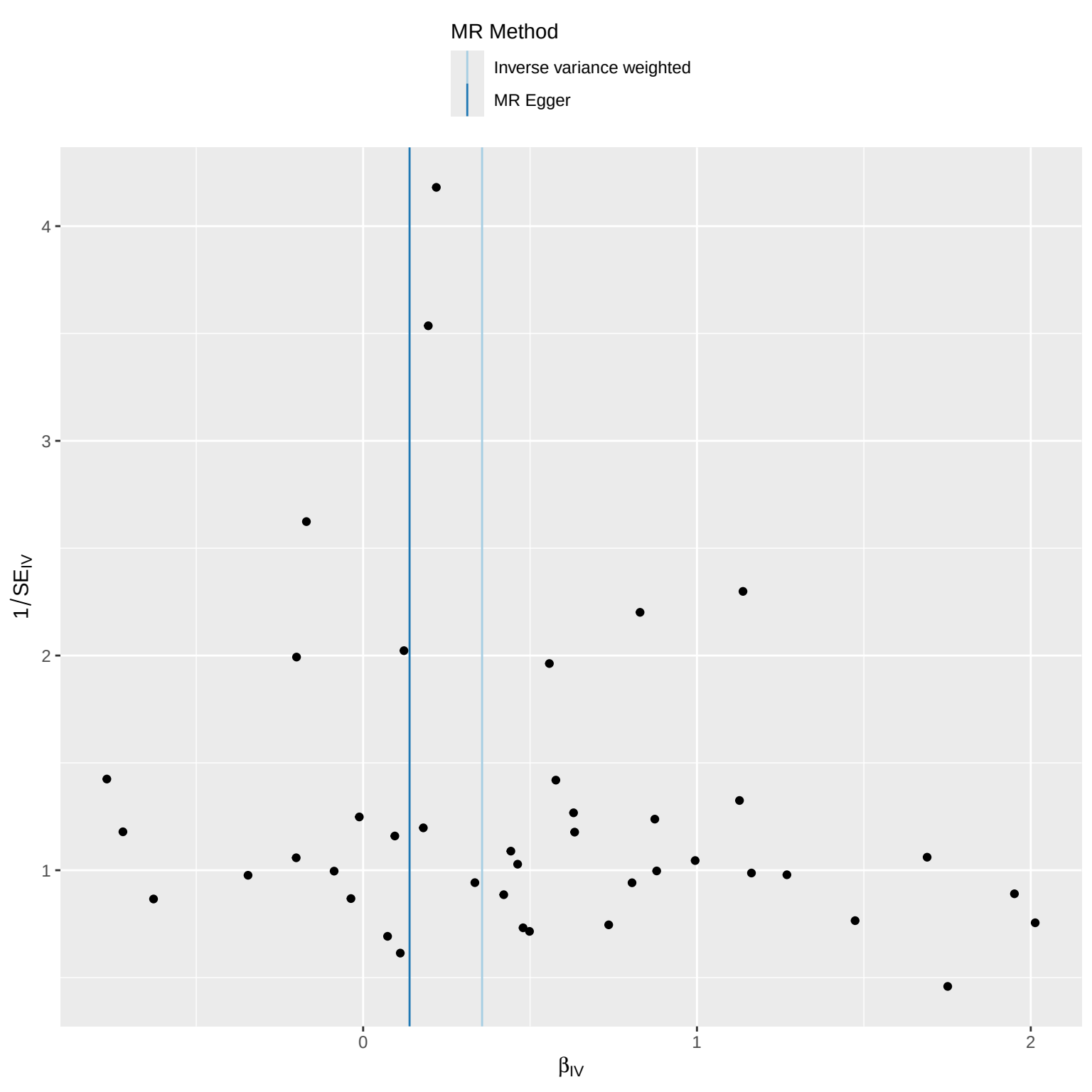

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
1
2
β_IV

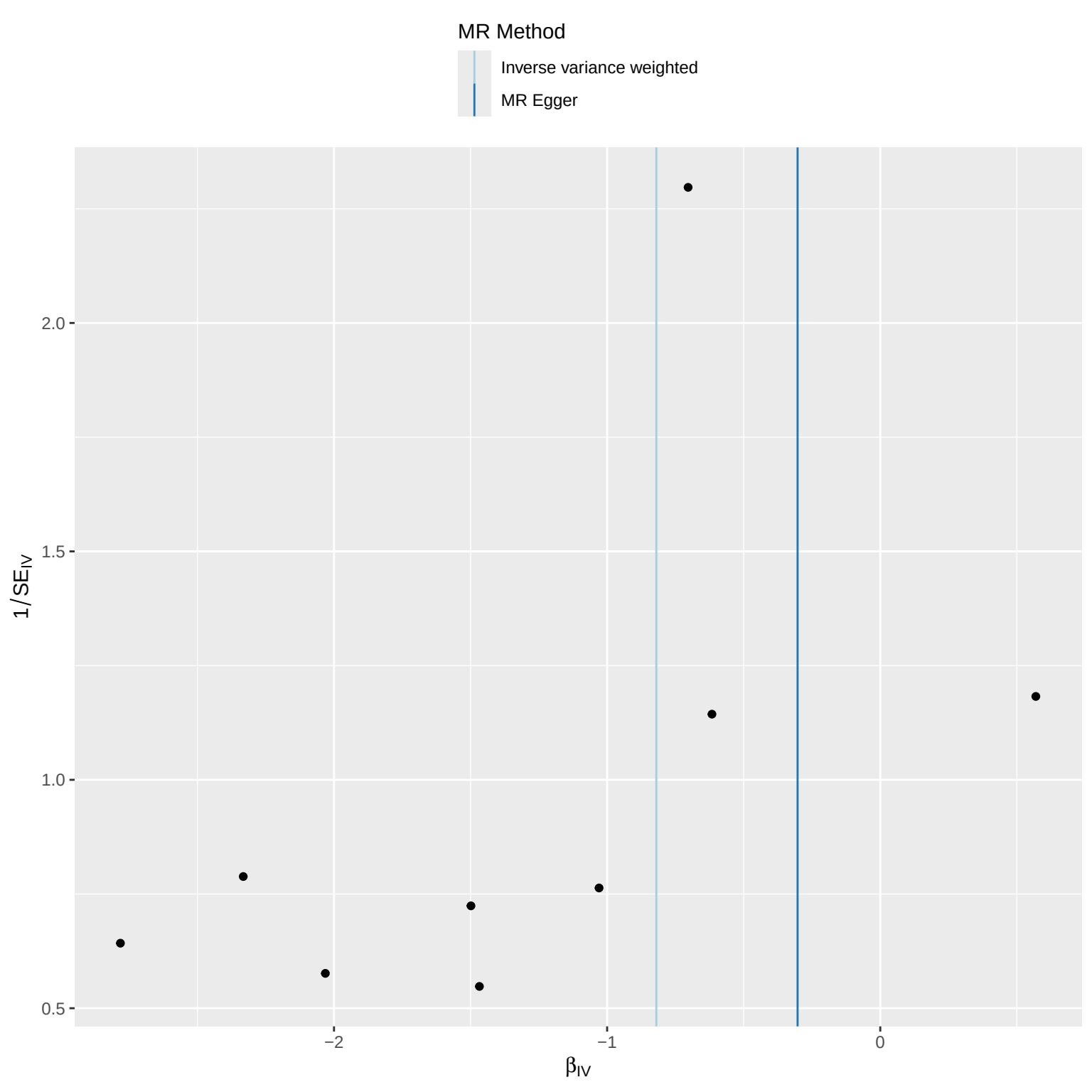

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

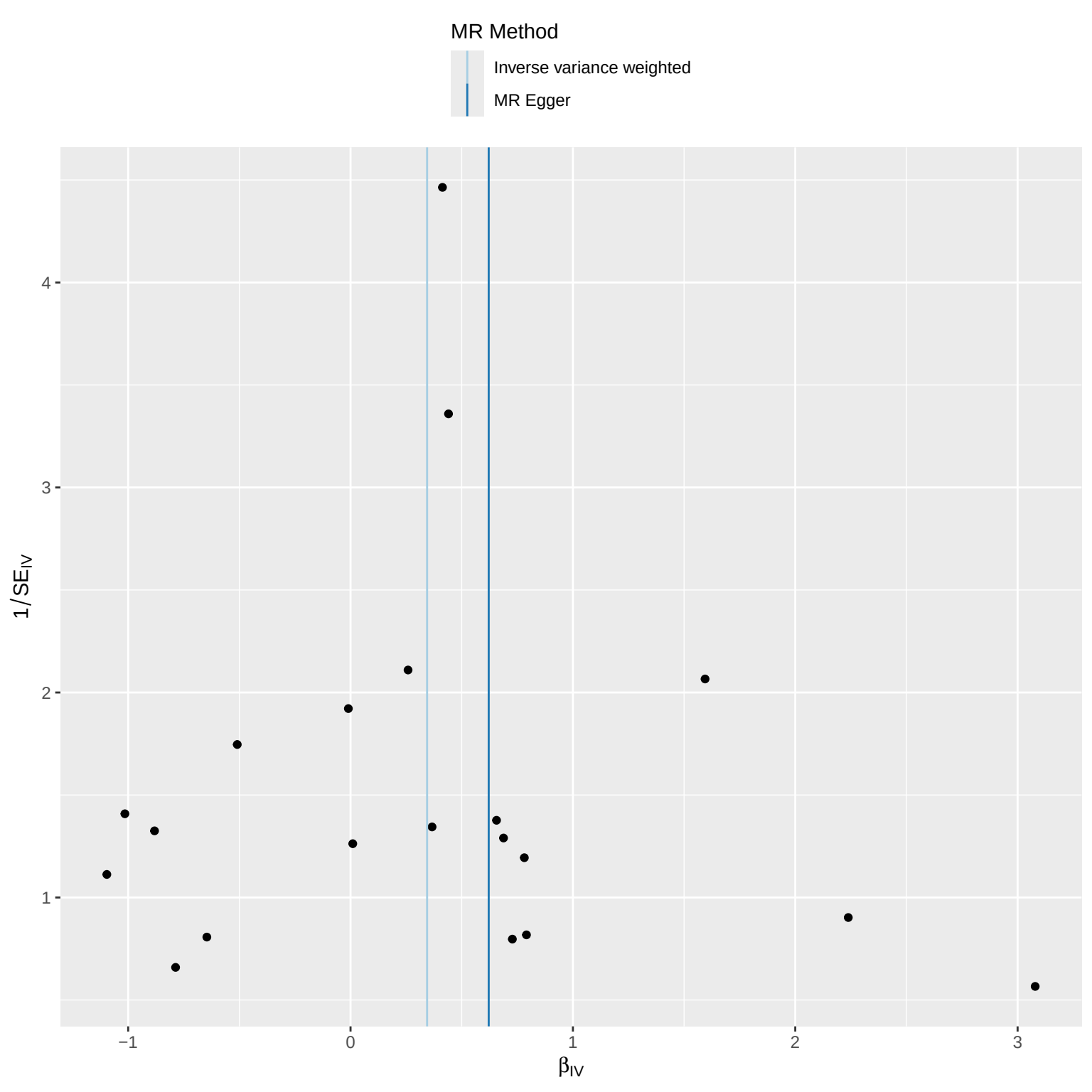

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

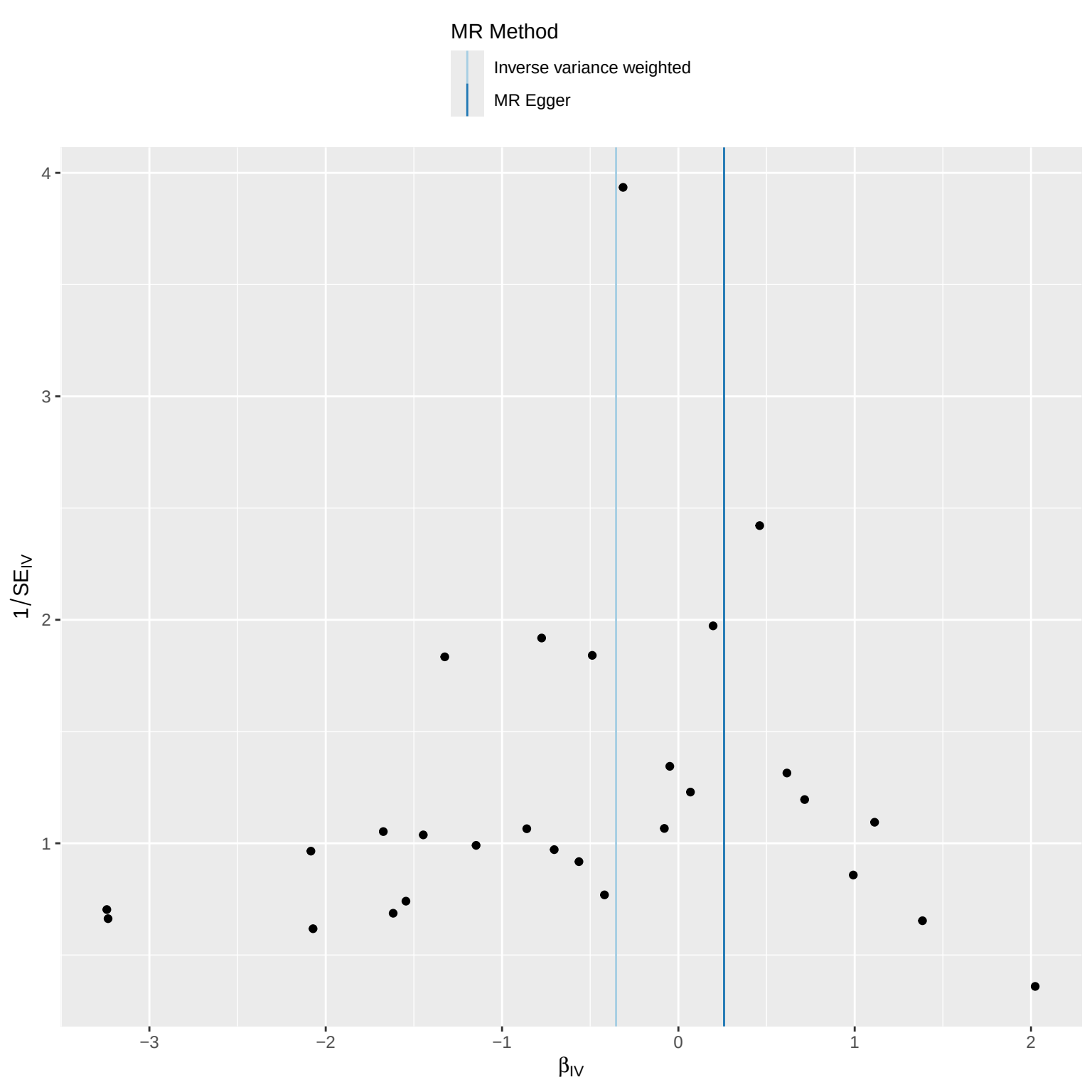

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

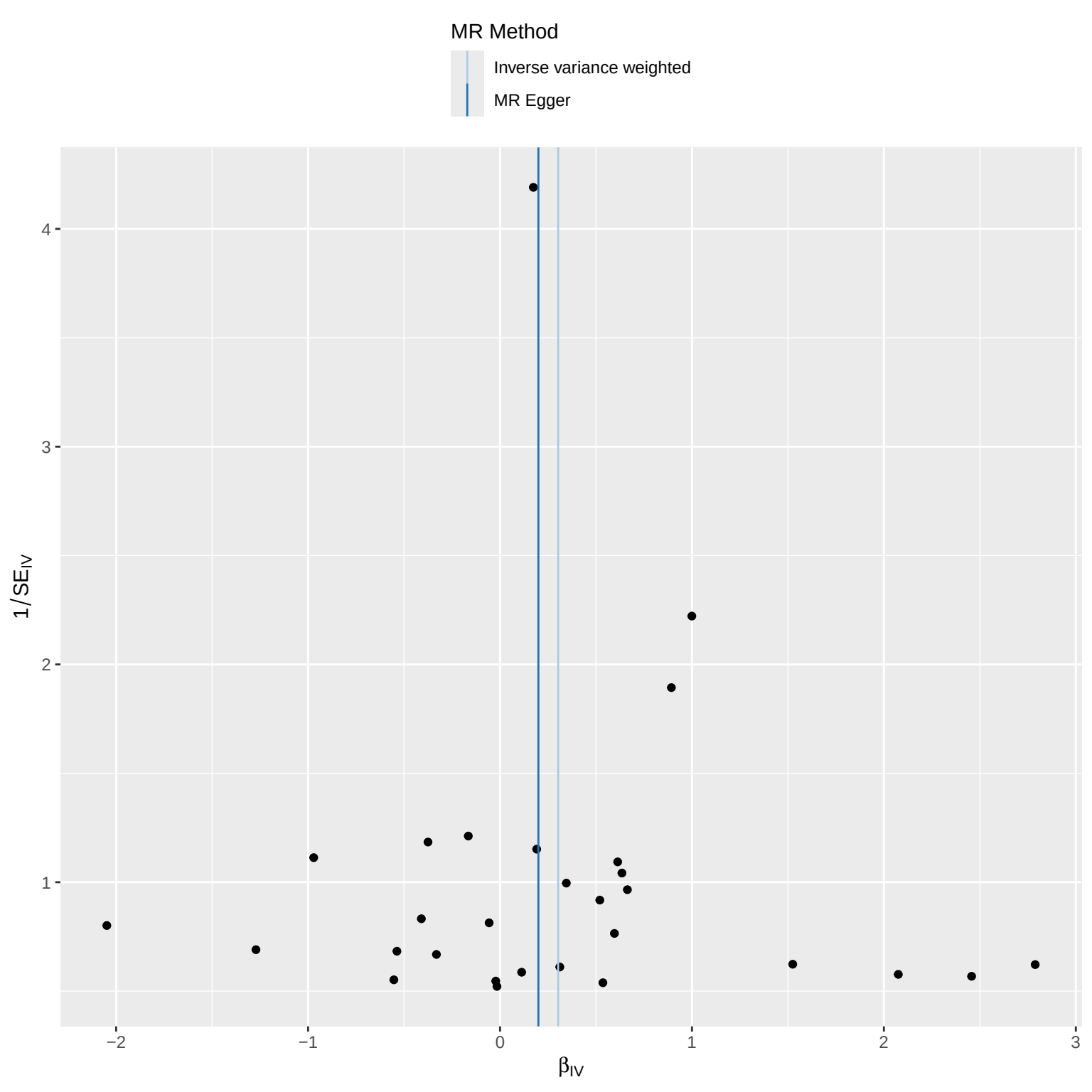

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

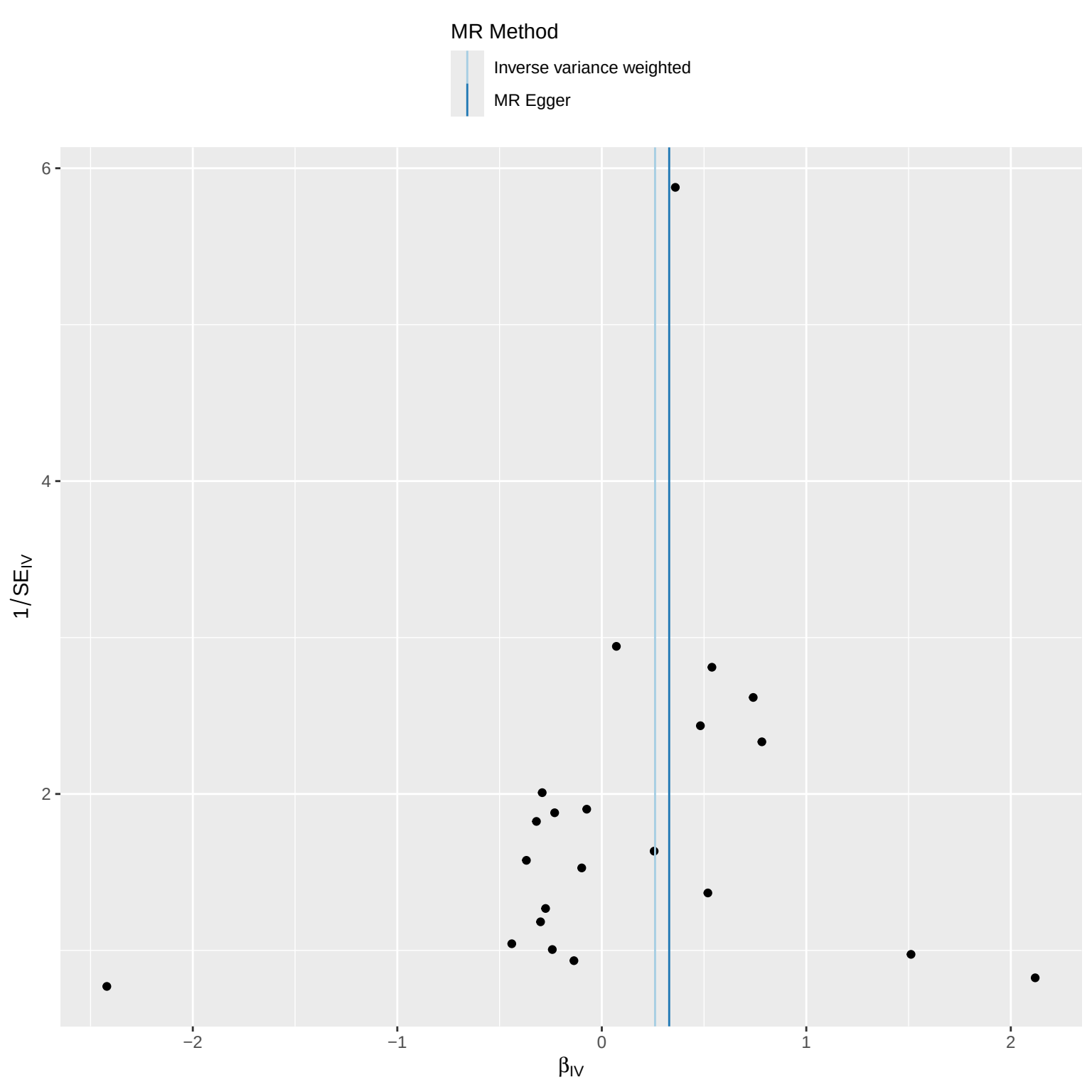

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

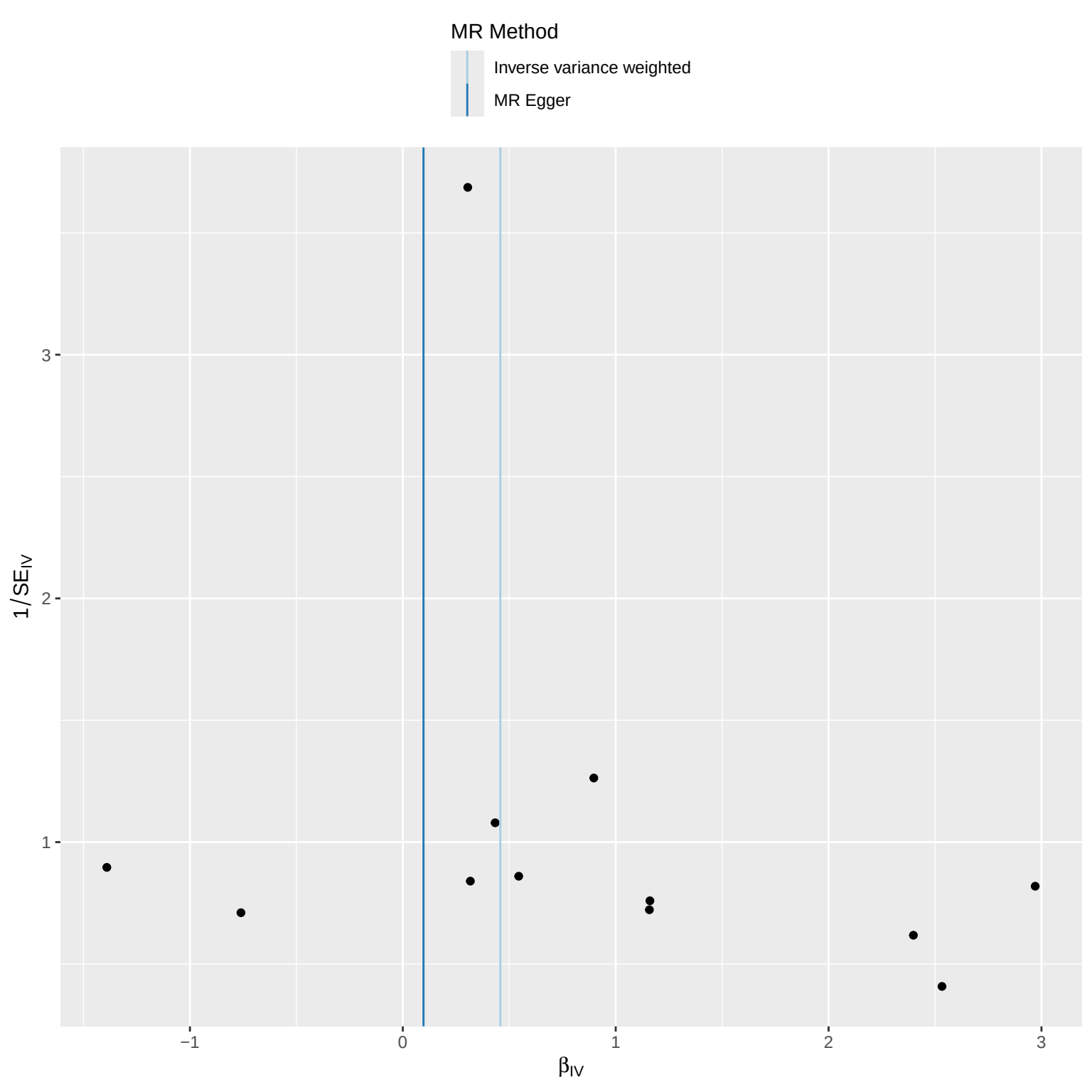

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

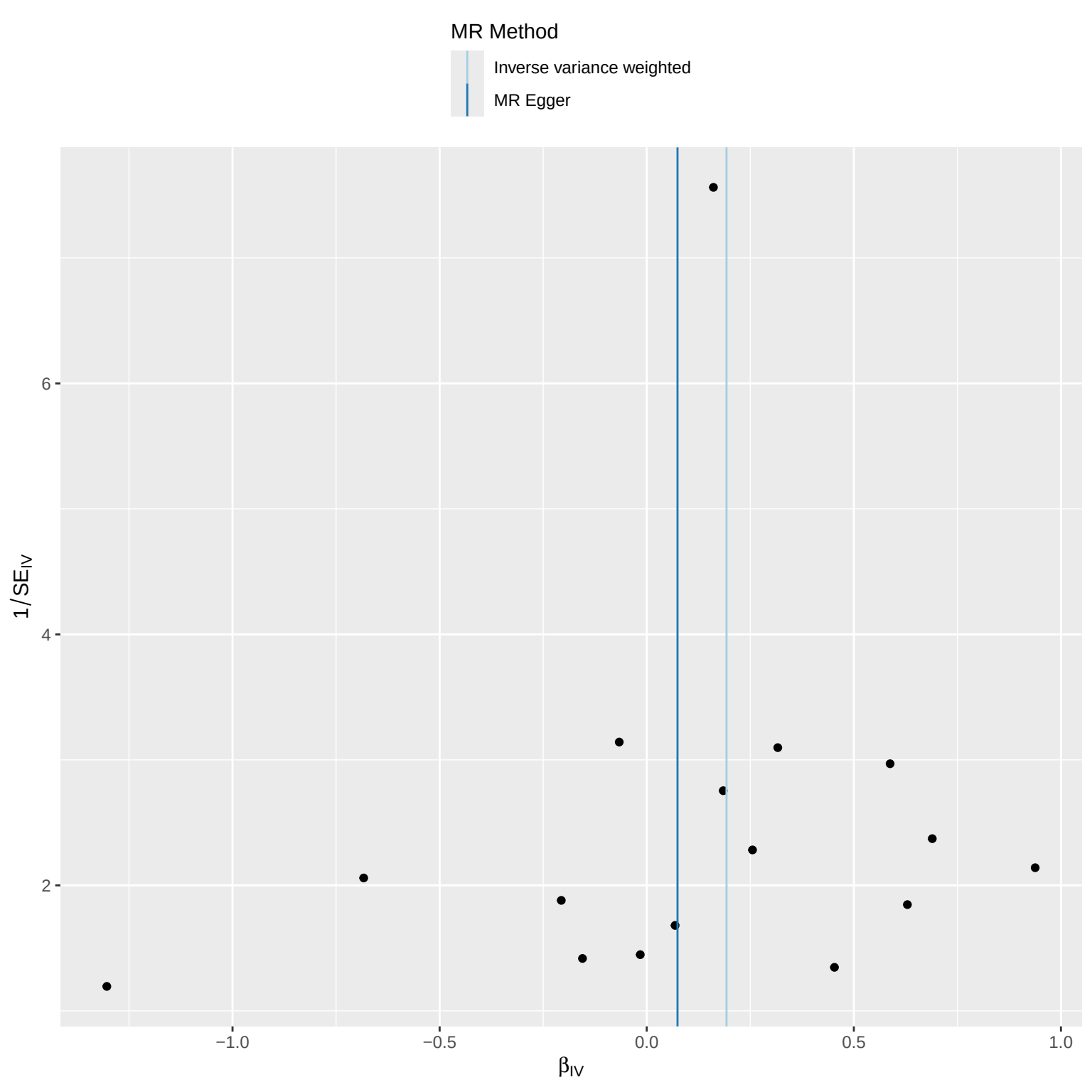

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

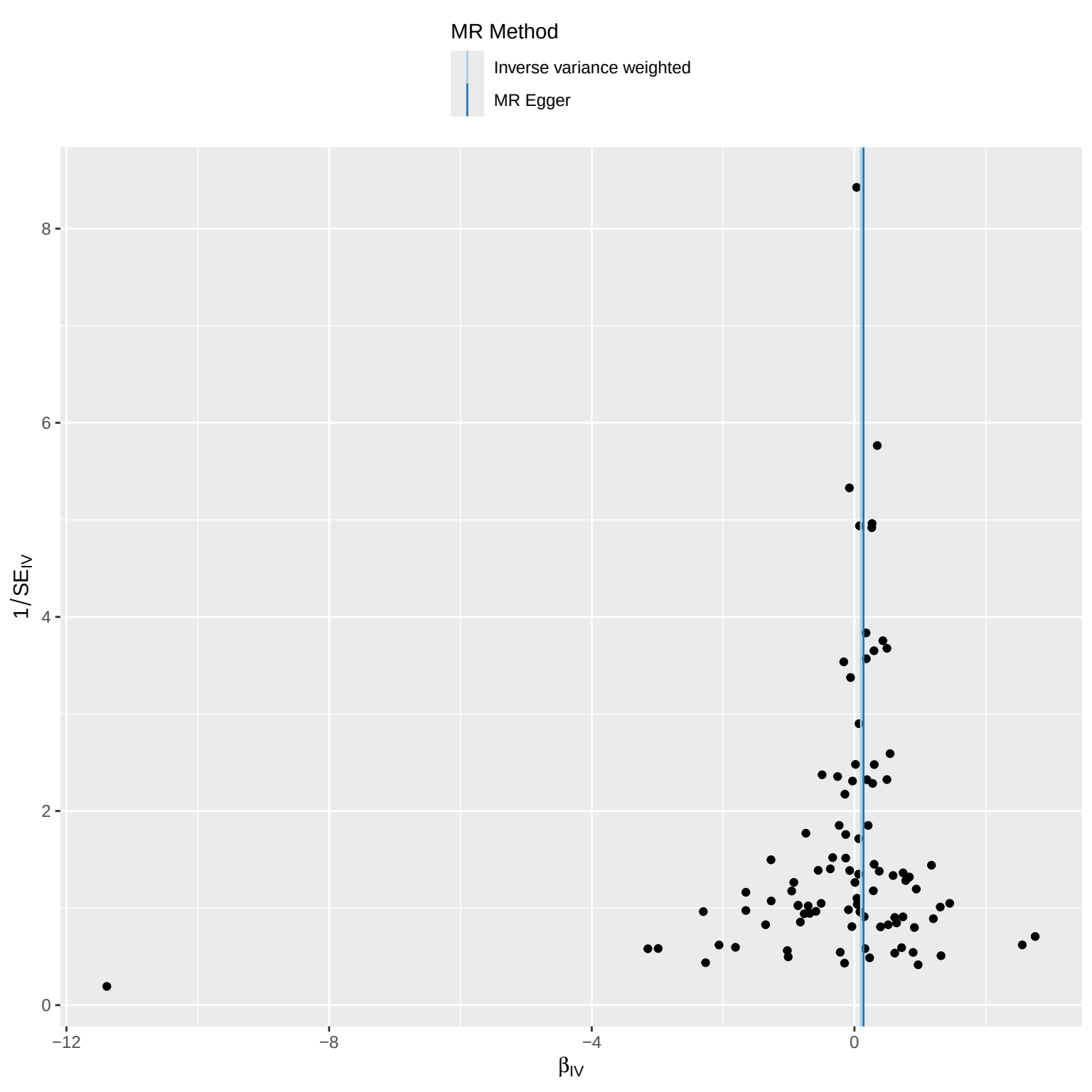

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

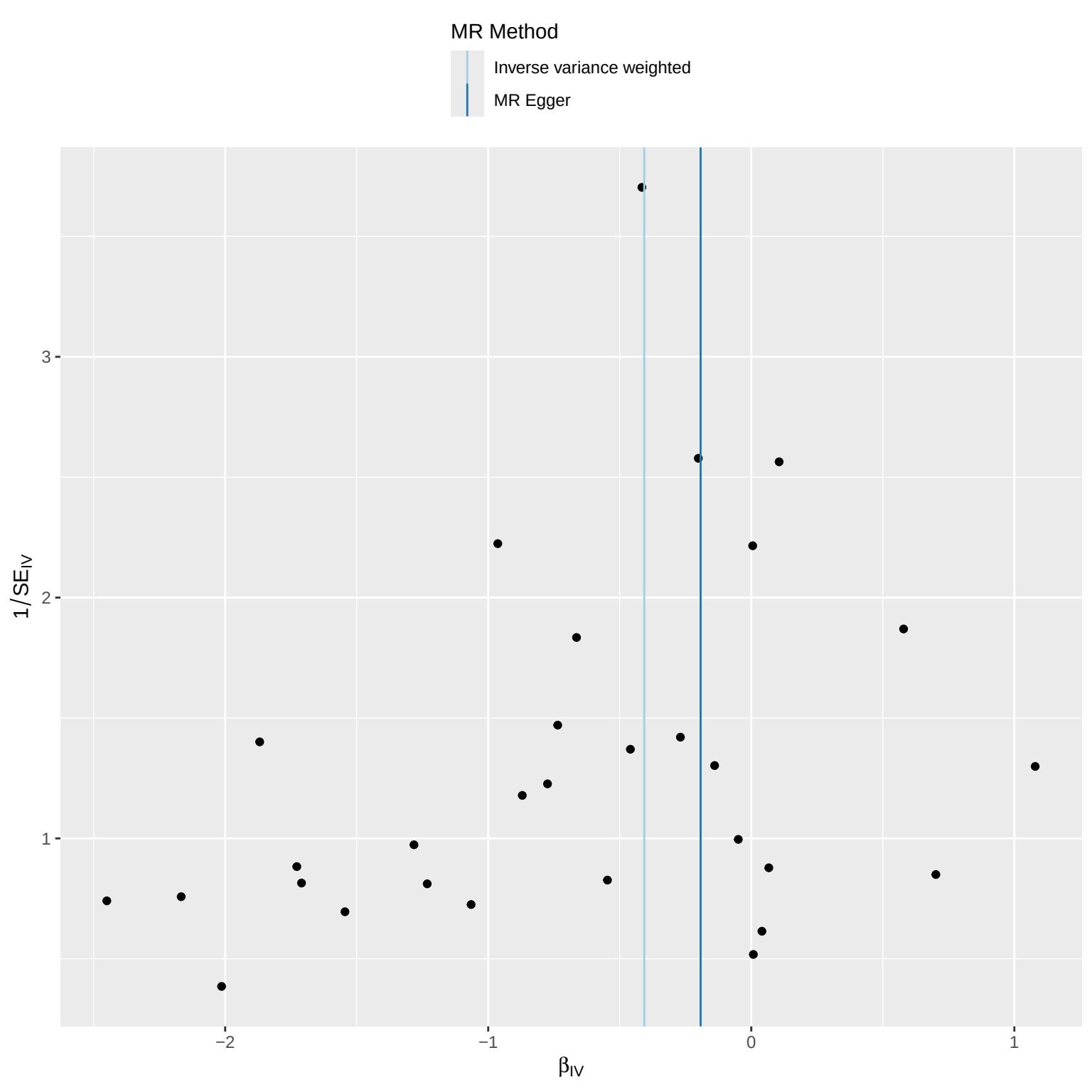

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

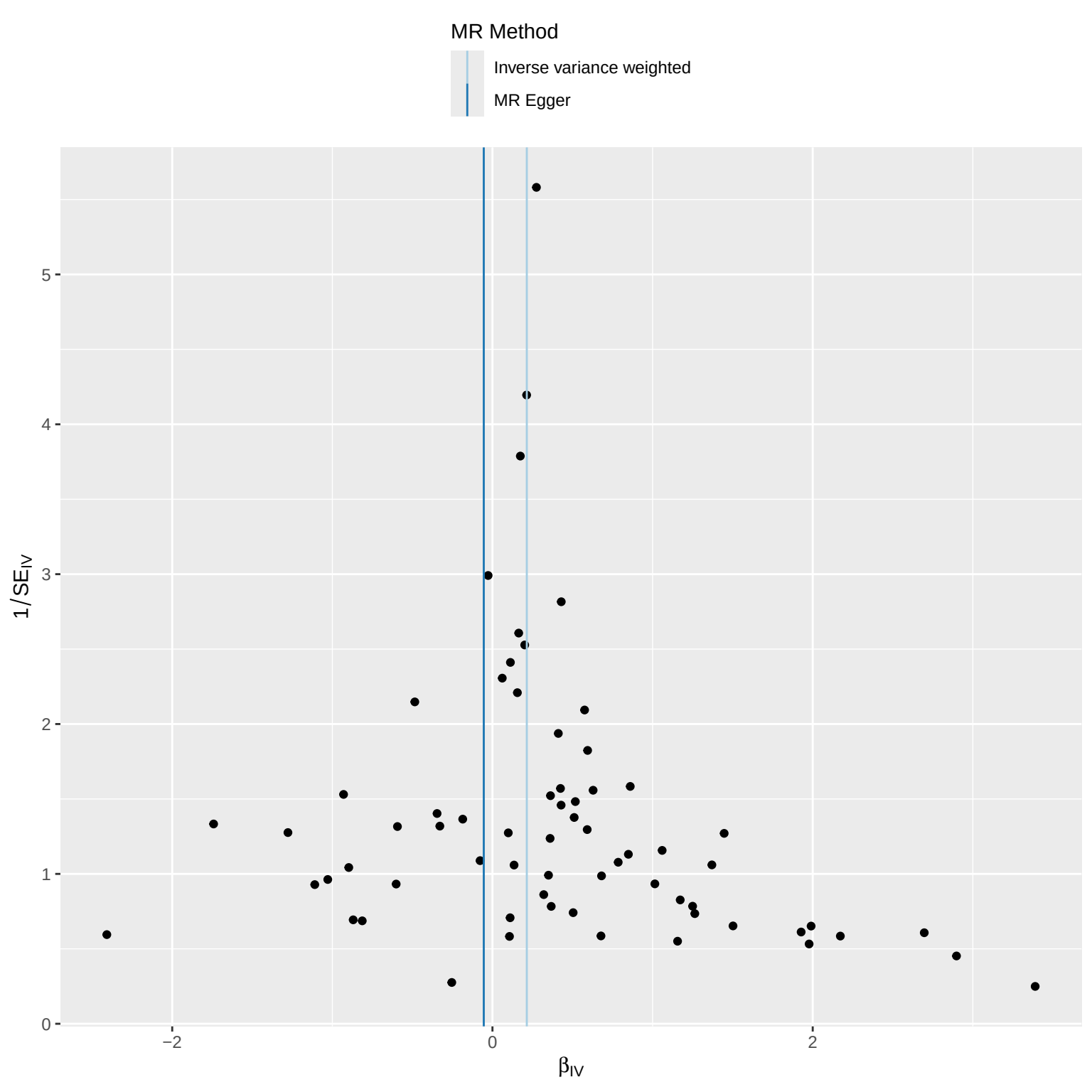

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

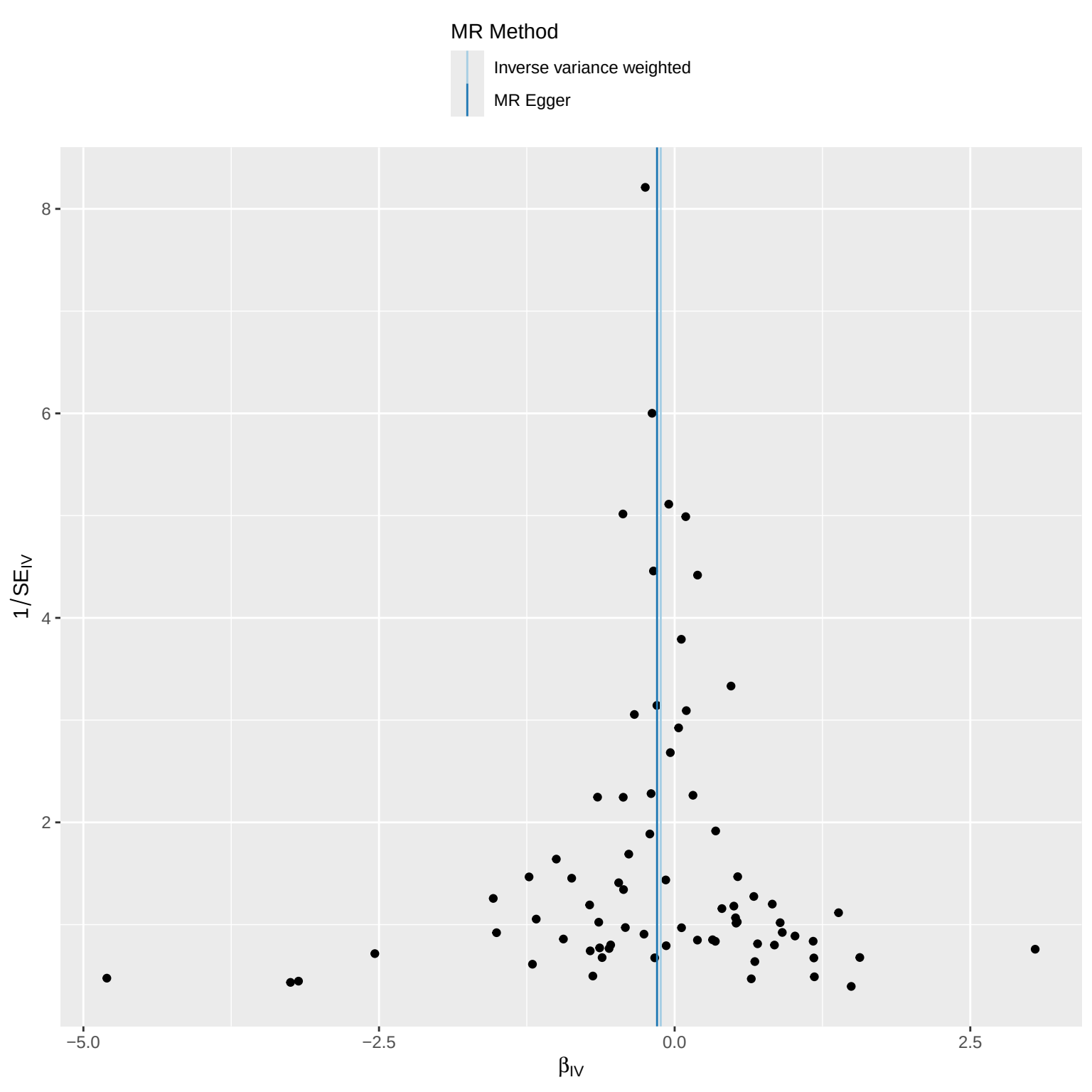

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

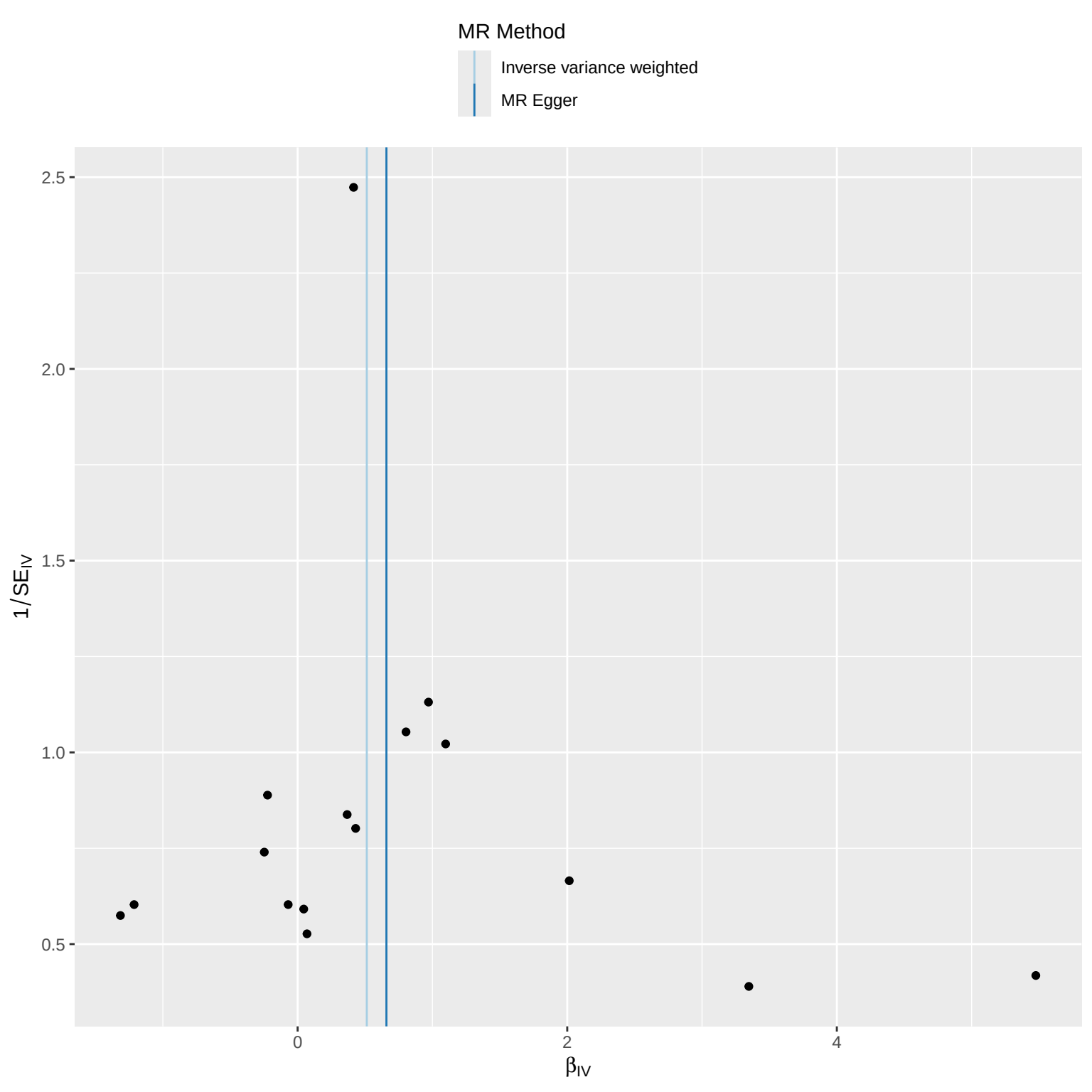

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

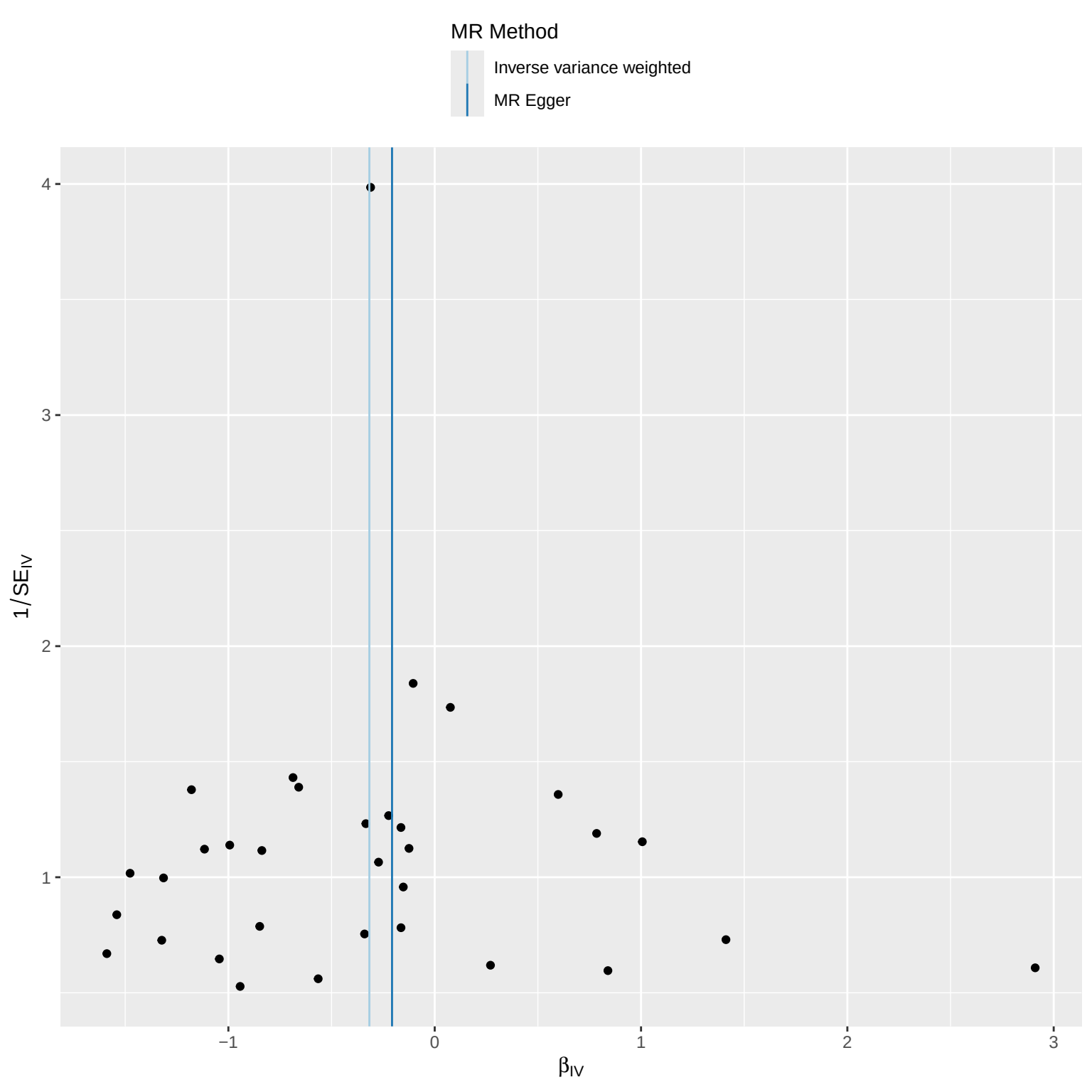

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−12
−8
−4
0
β_IV

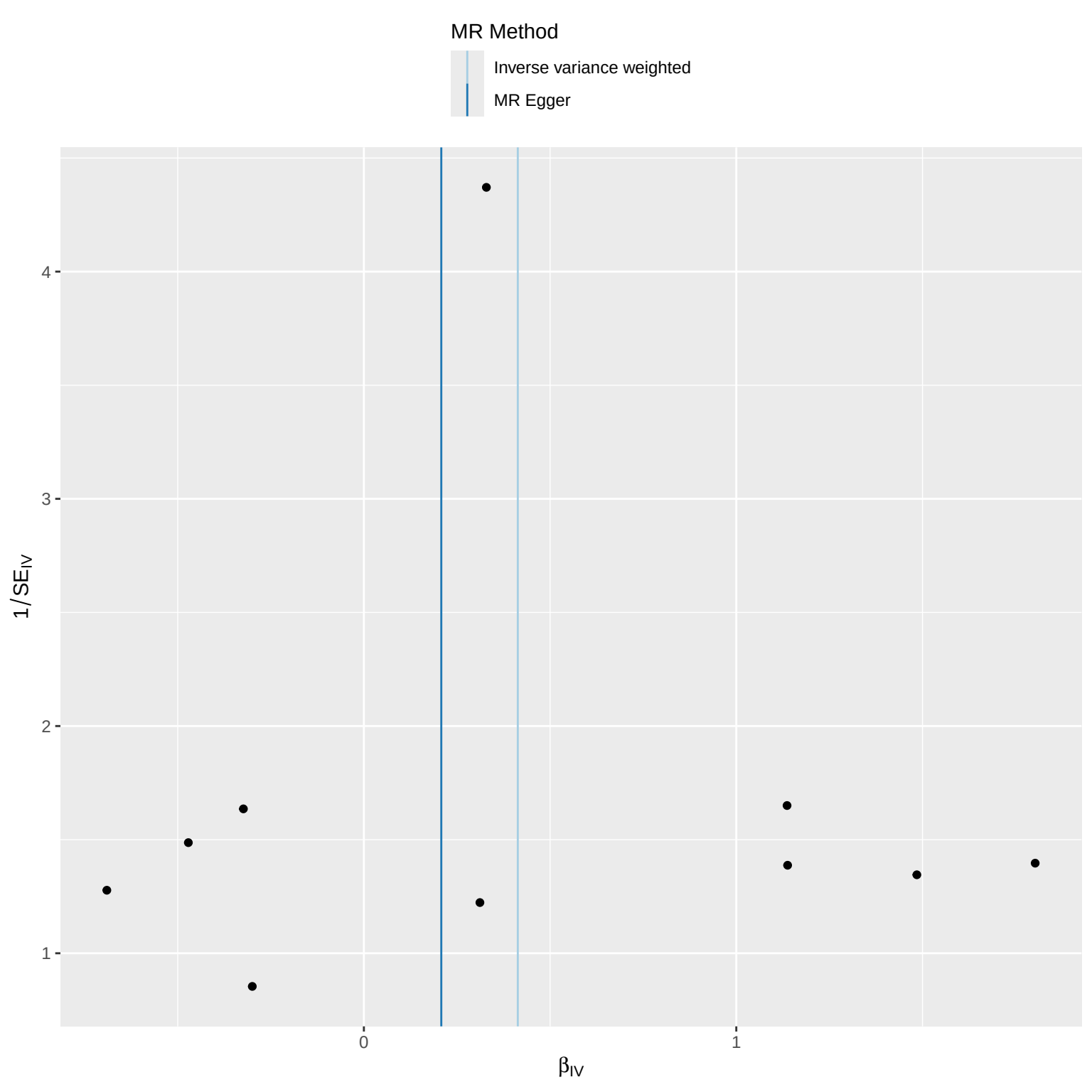

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

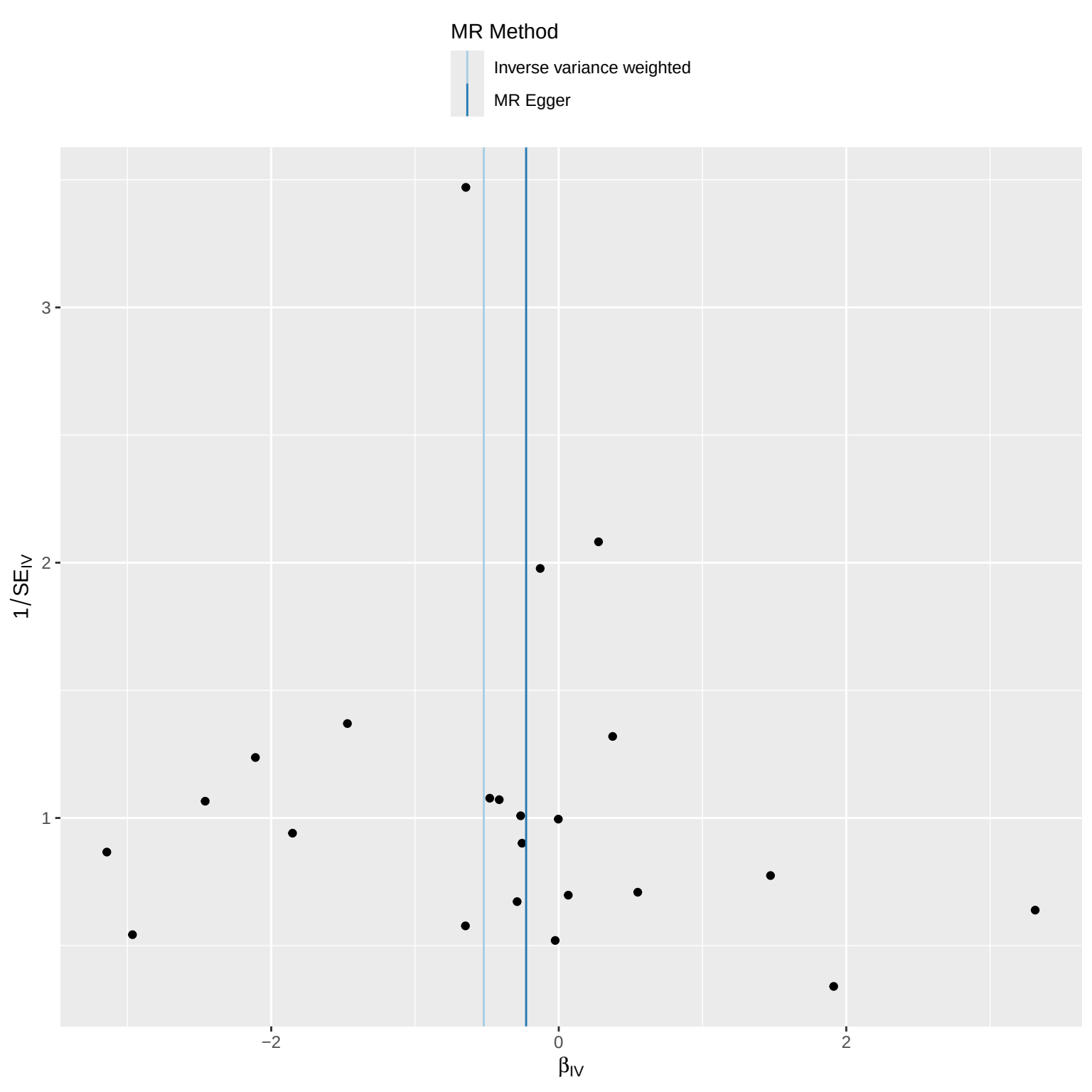

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
0
1
2
3
4
5
−2
0
2

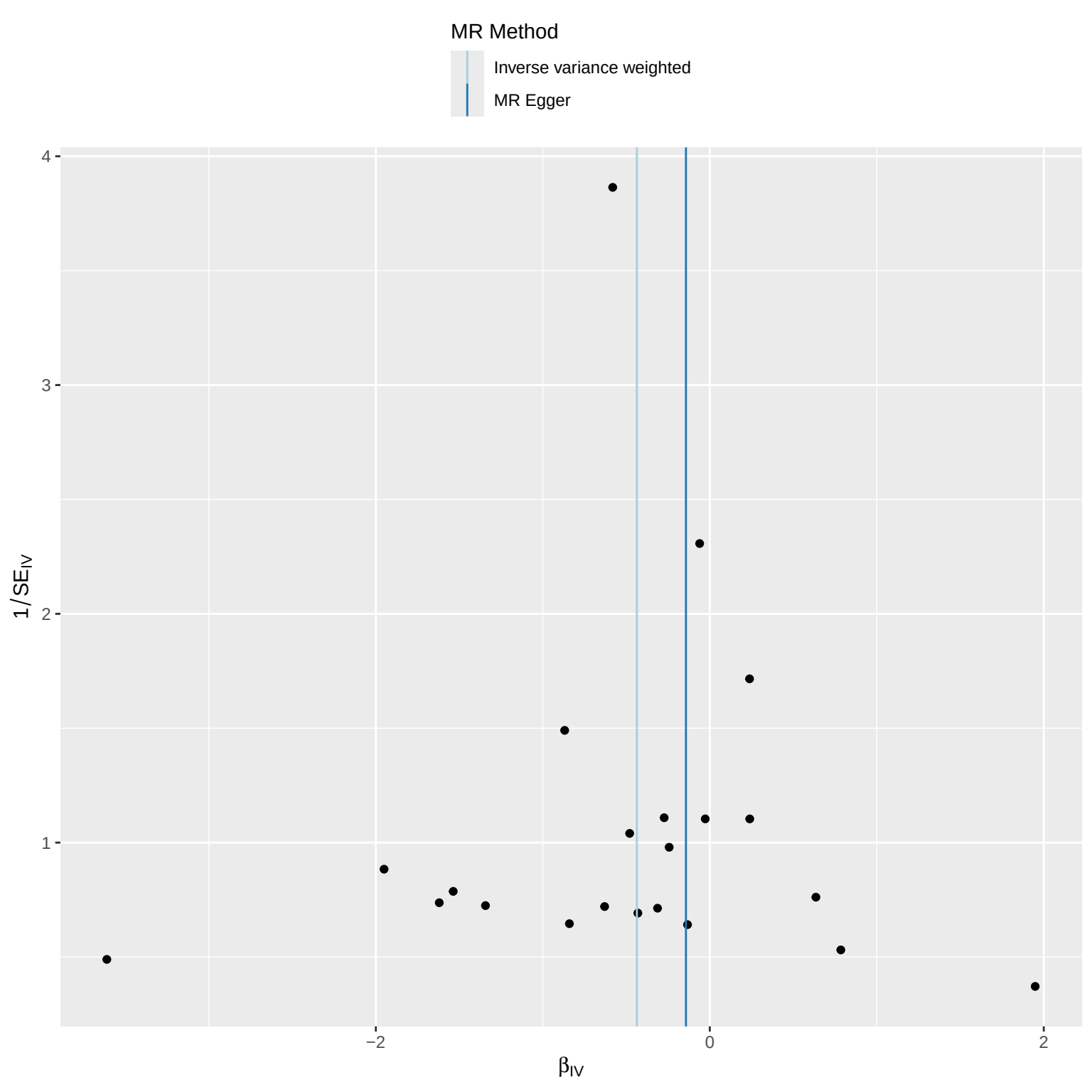

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

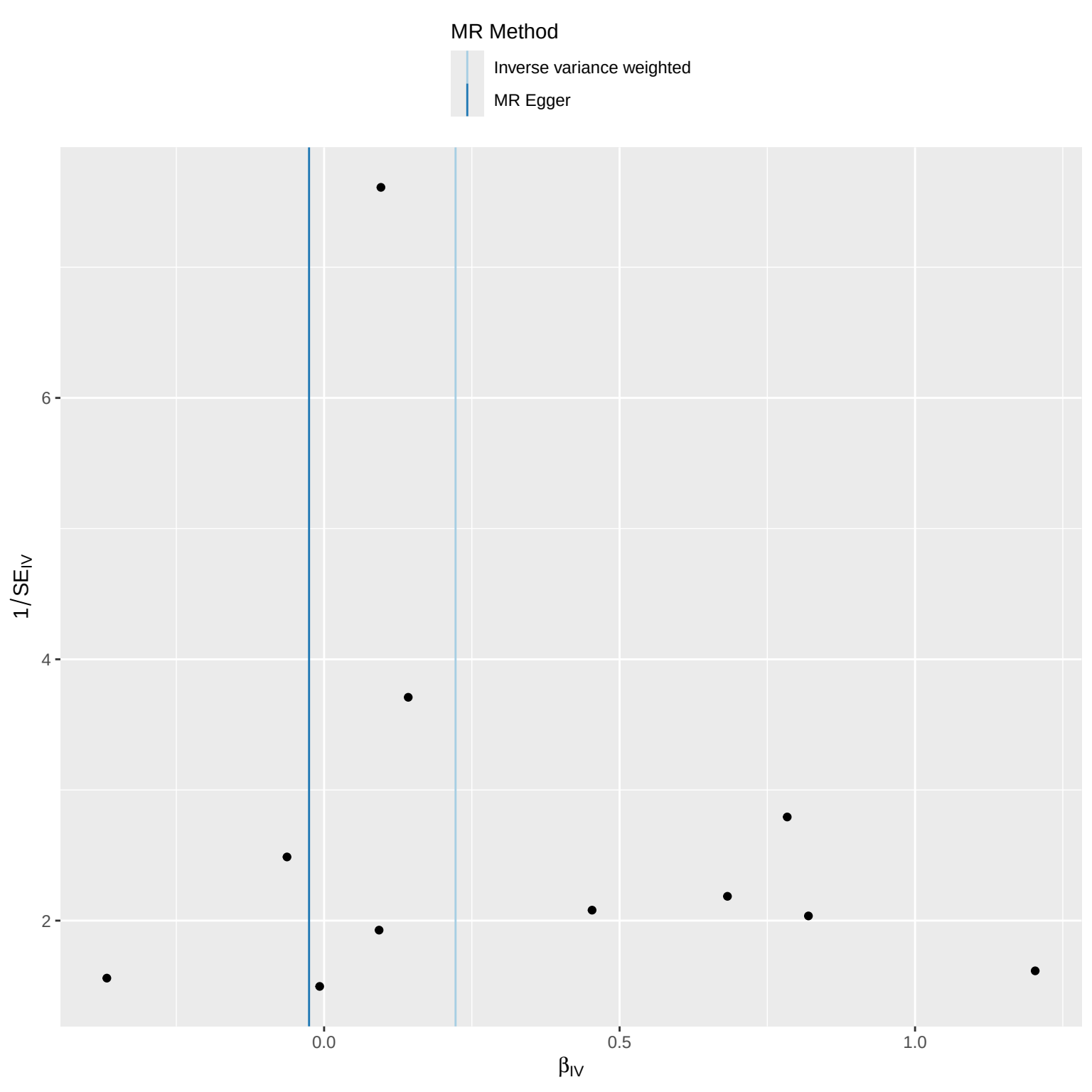

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

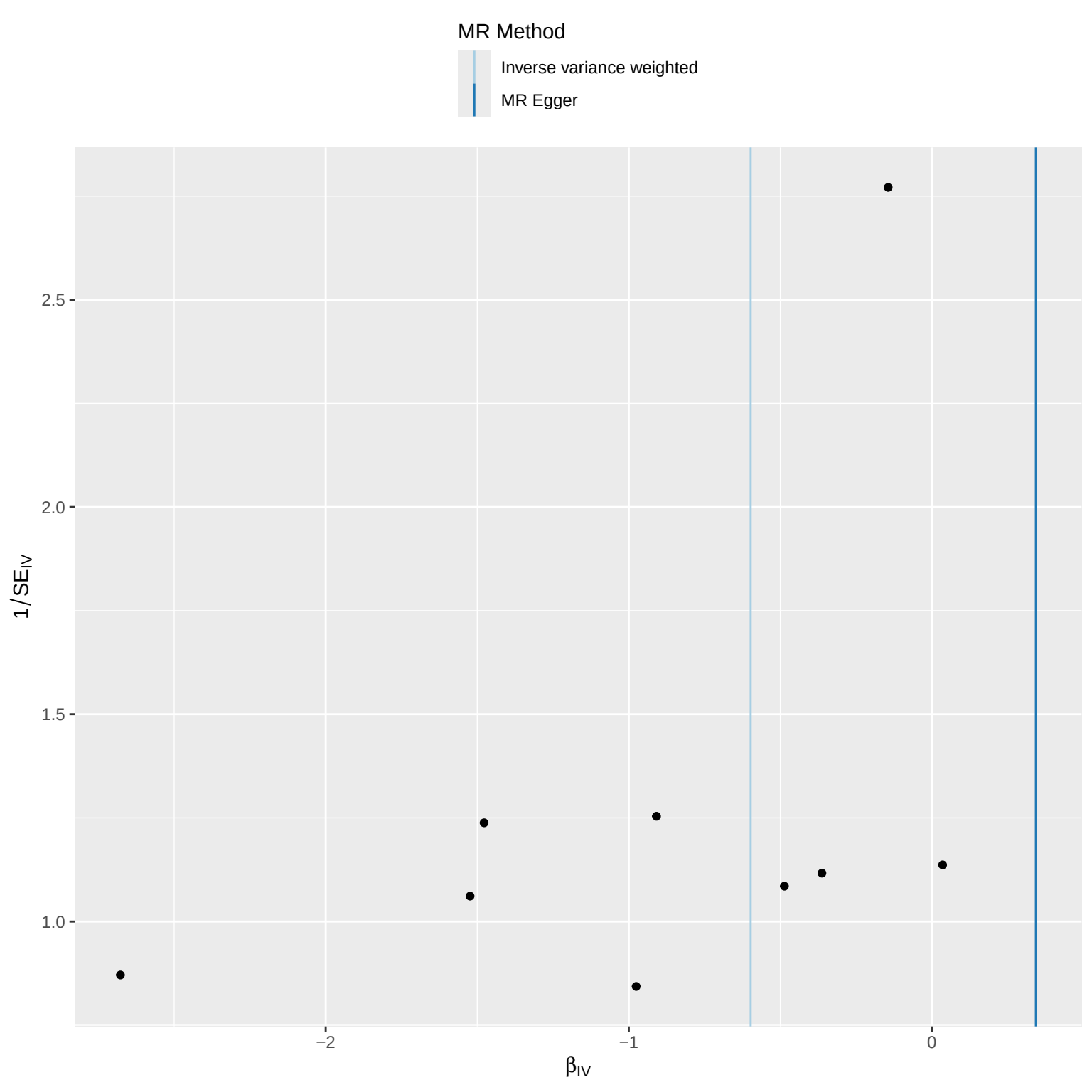

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

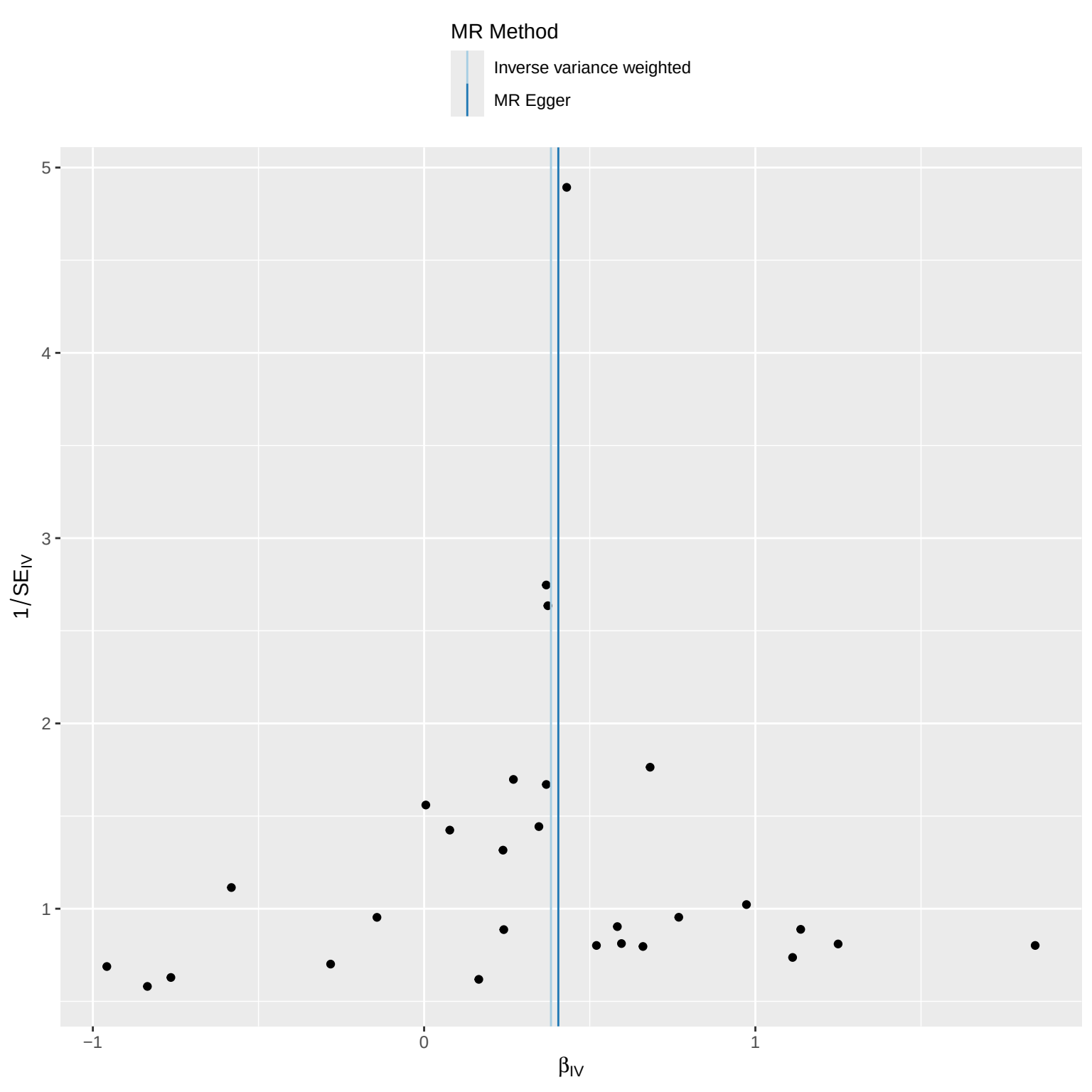

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
0
1
β_{IV}

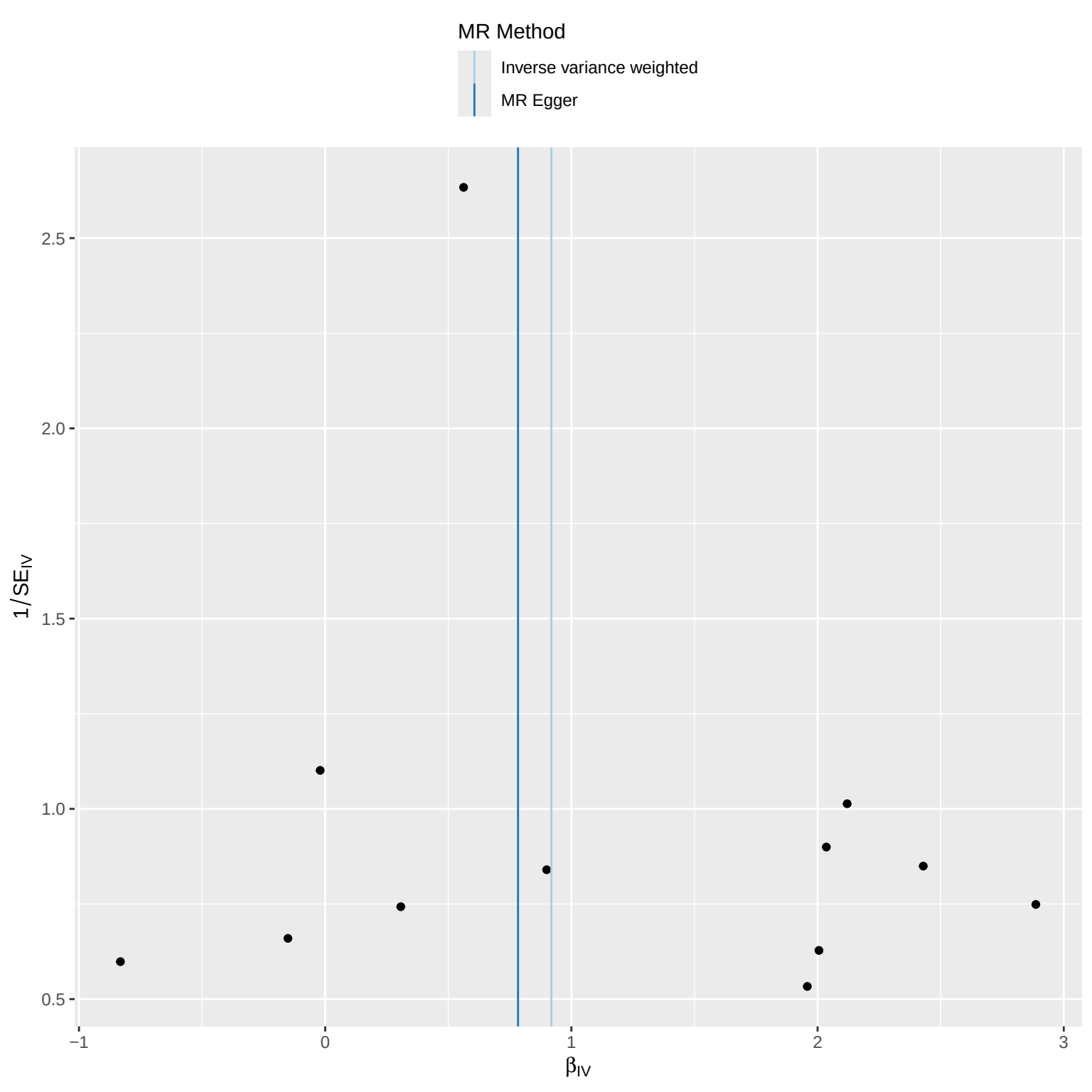

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

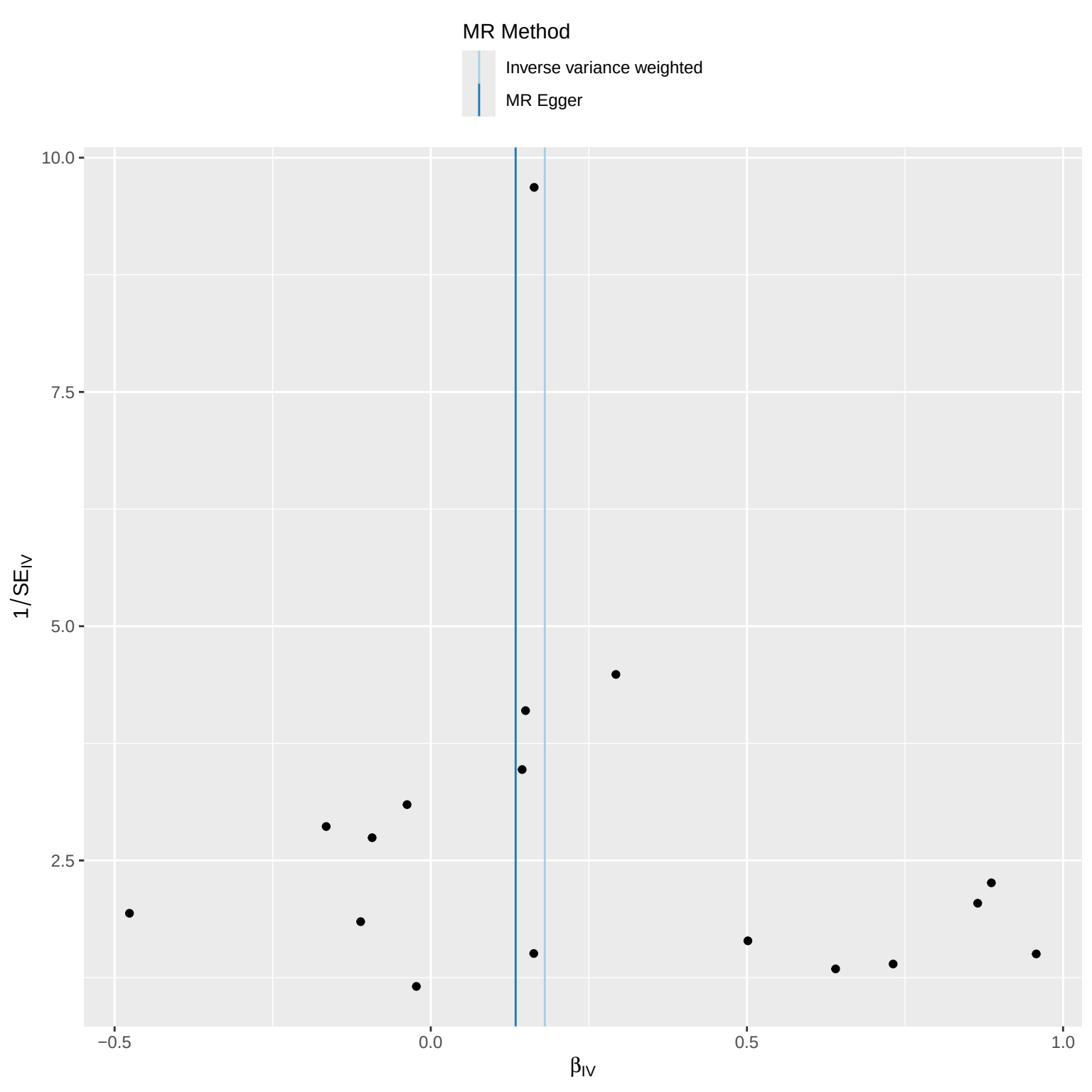

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

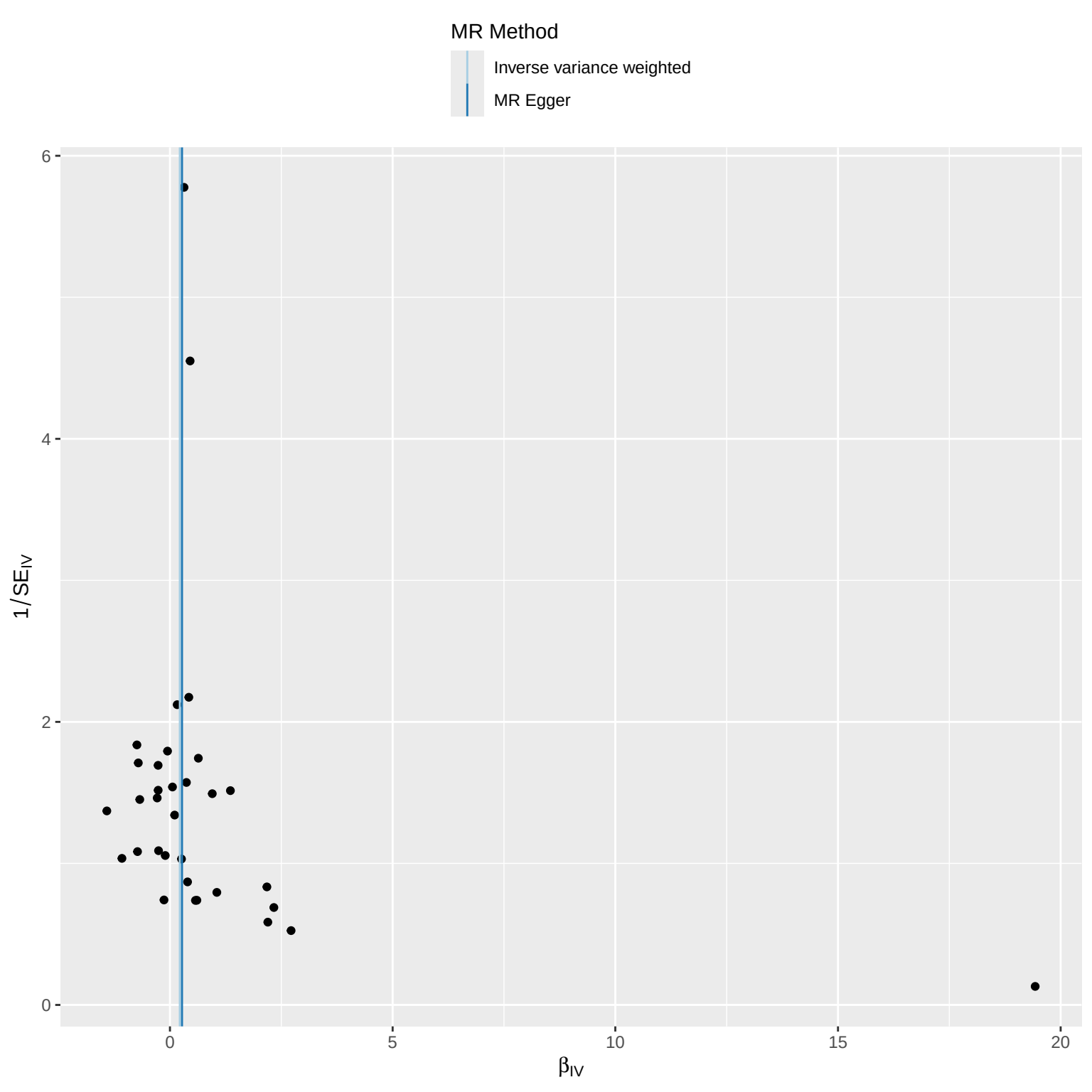

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
β_IV

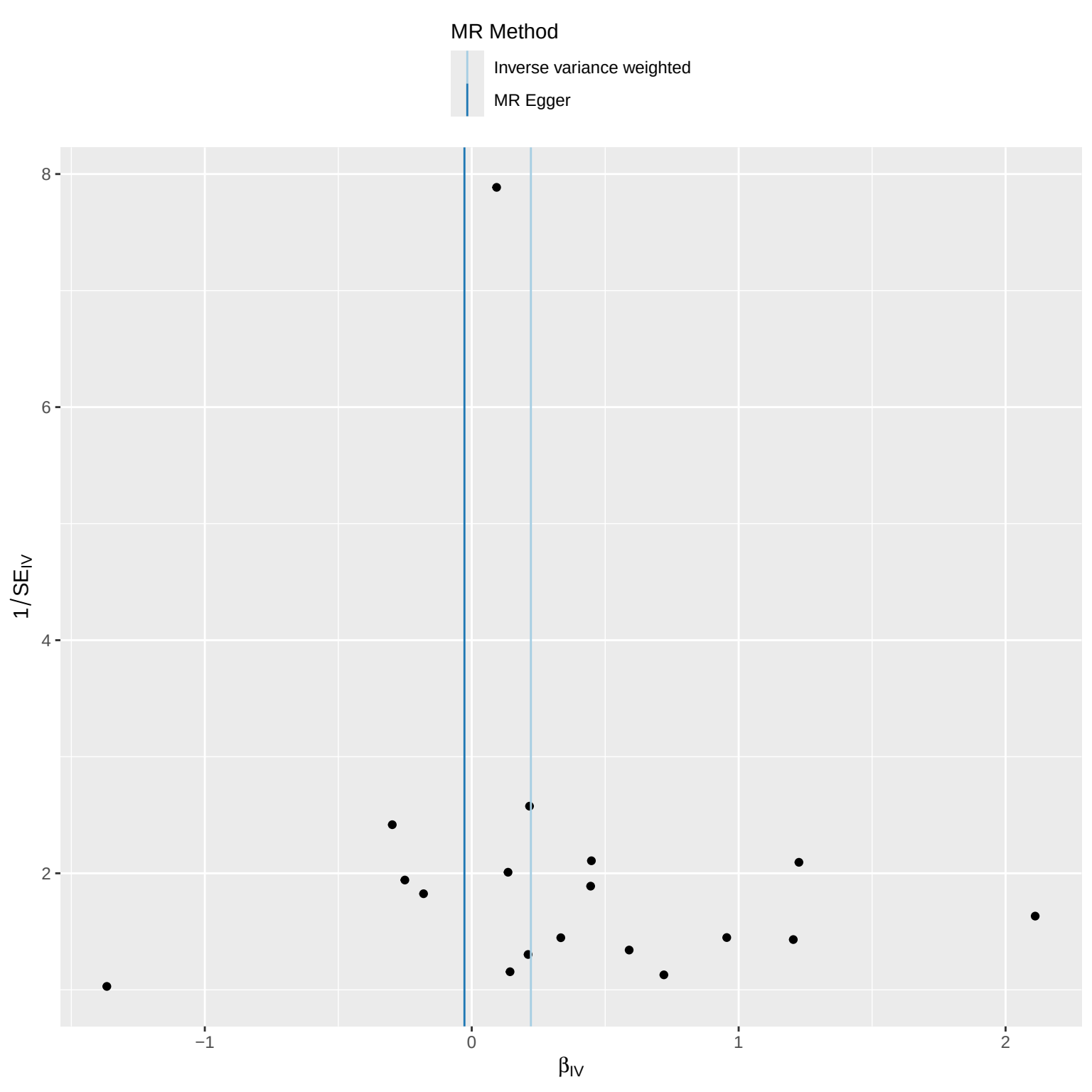

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

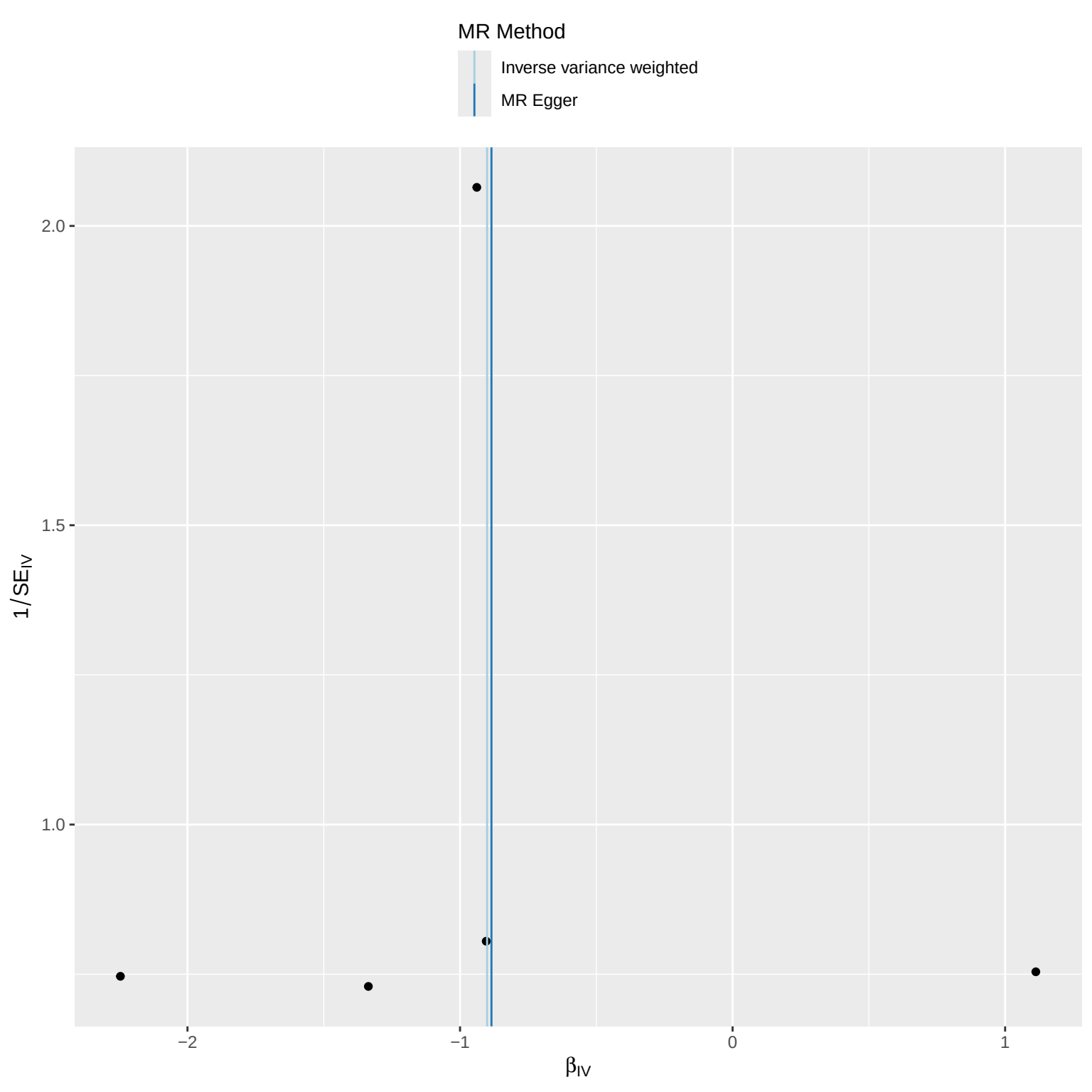

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

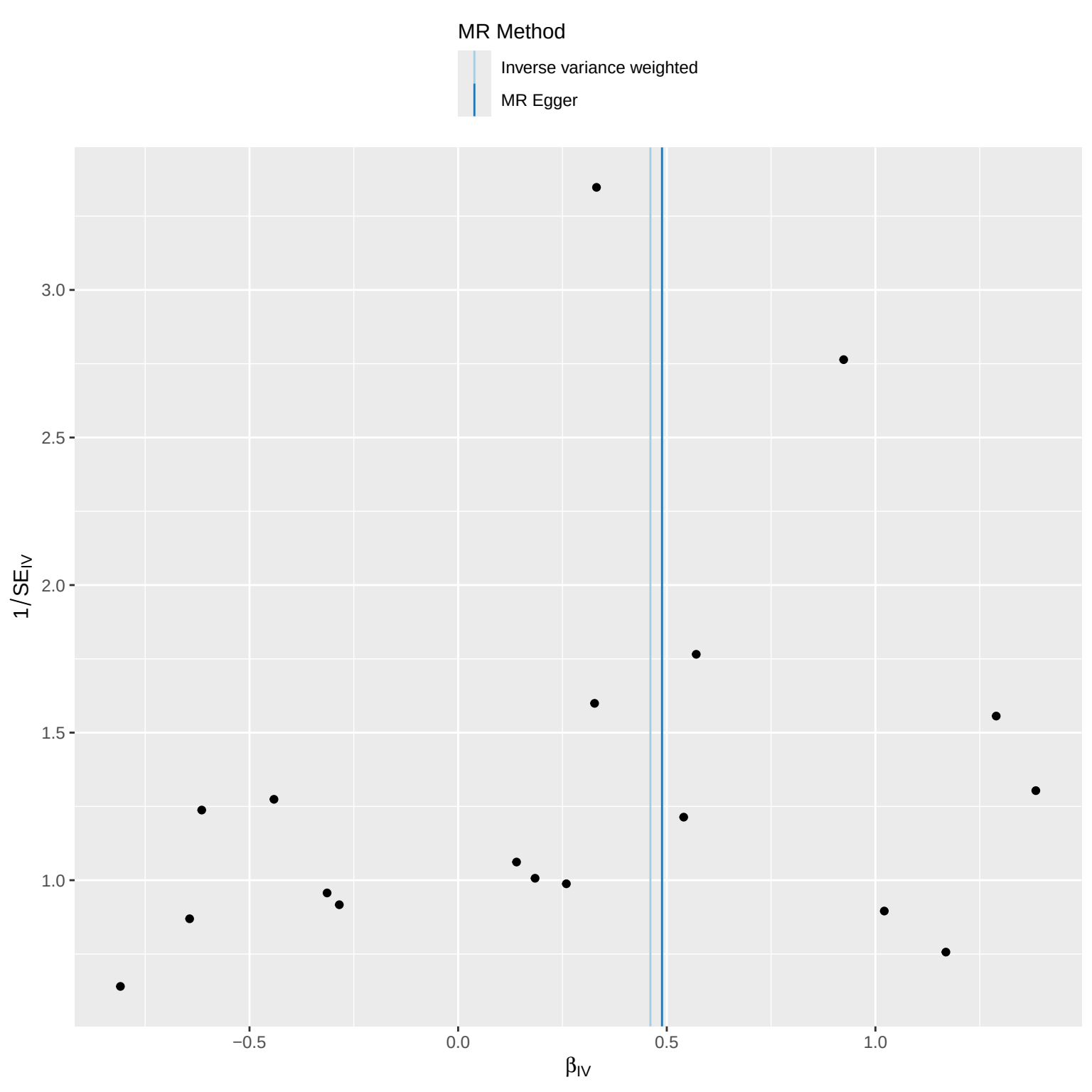

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

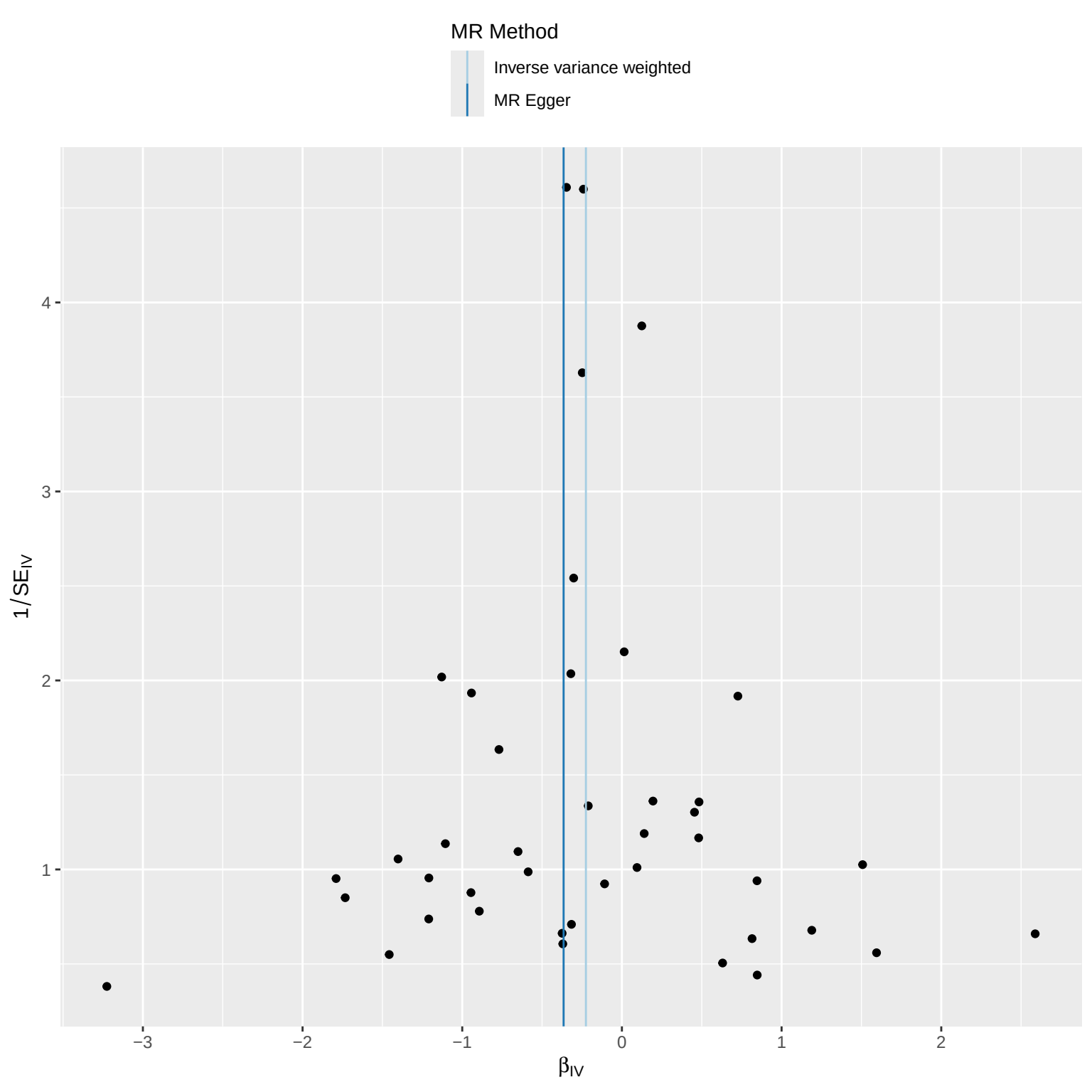

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

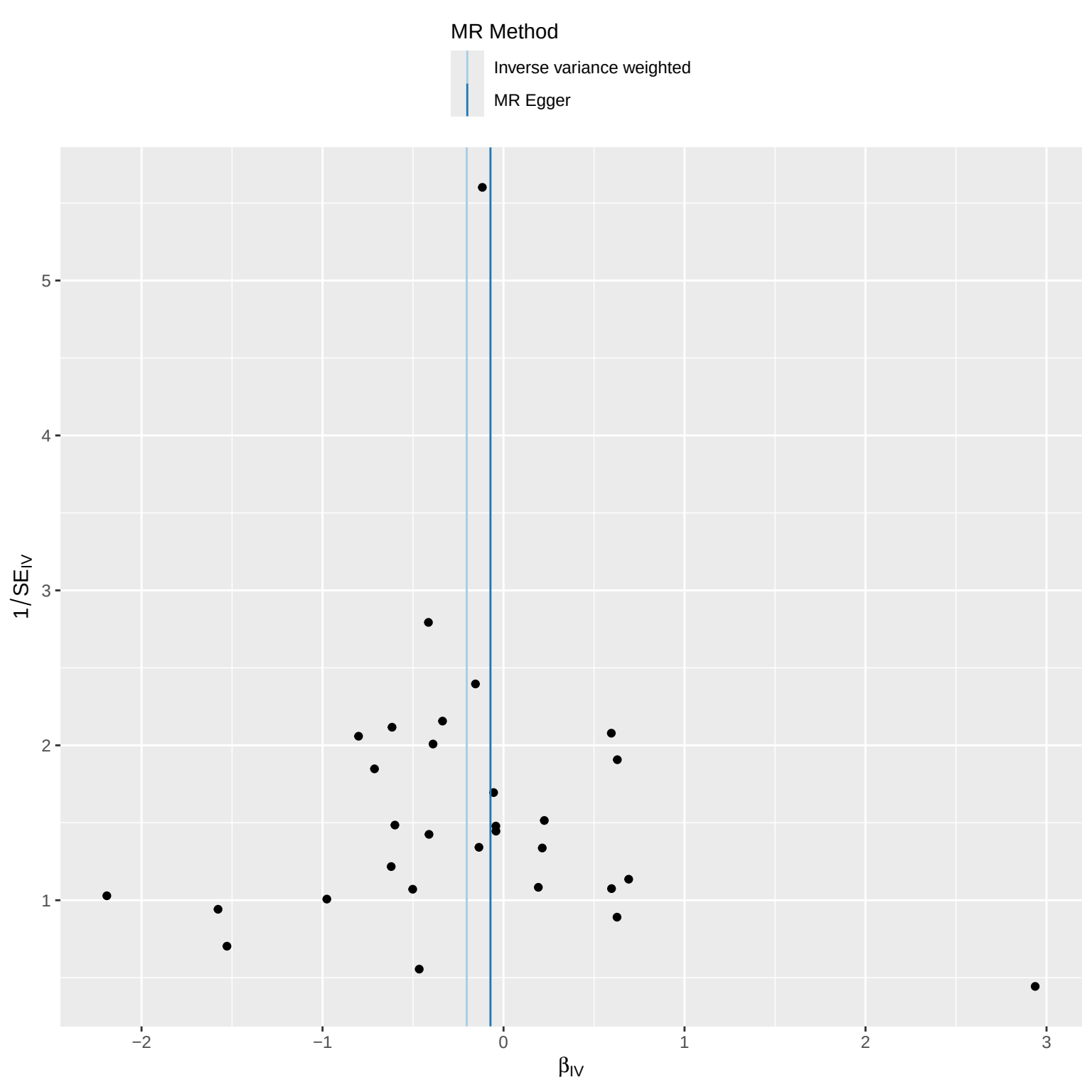

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
0
5
10
15
20
β_IV

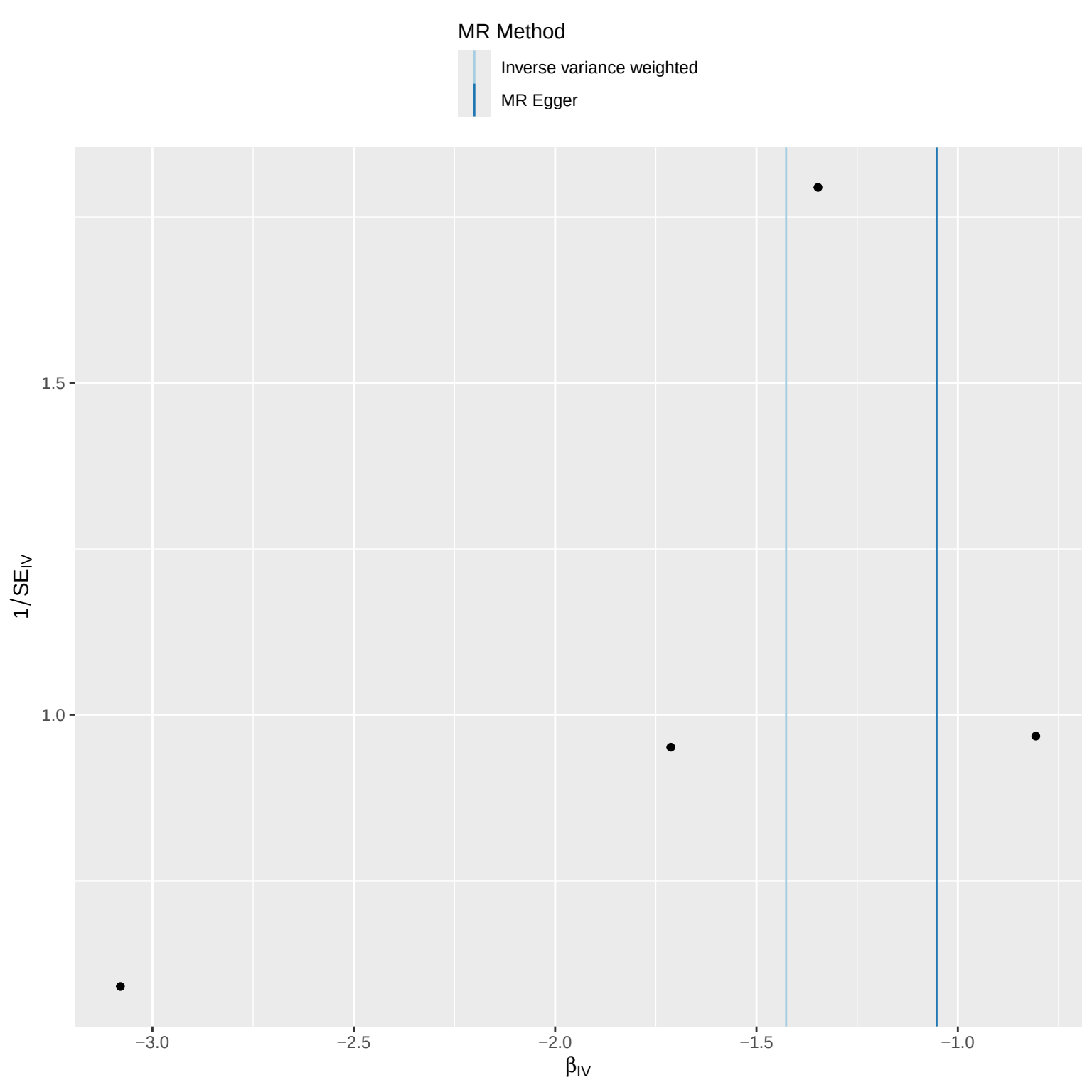

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

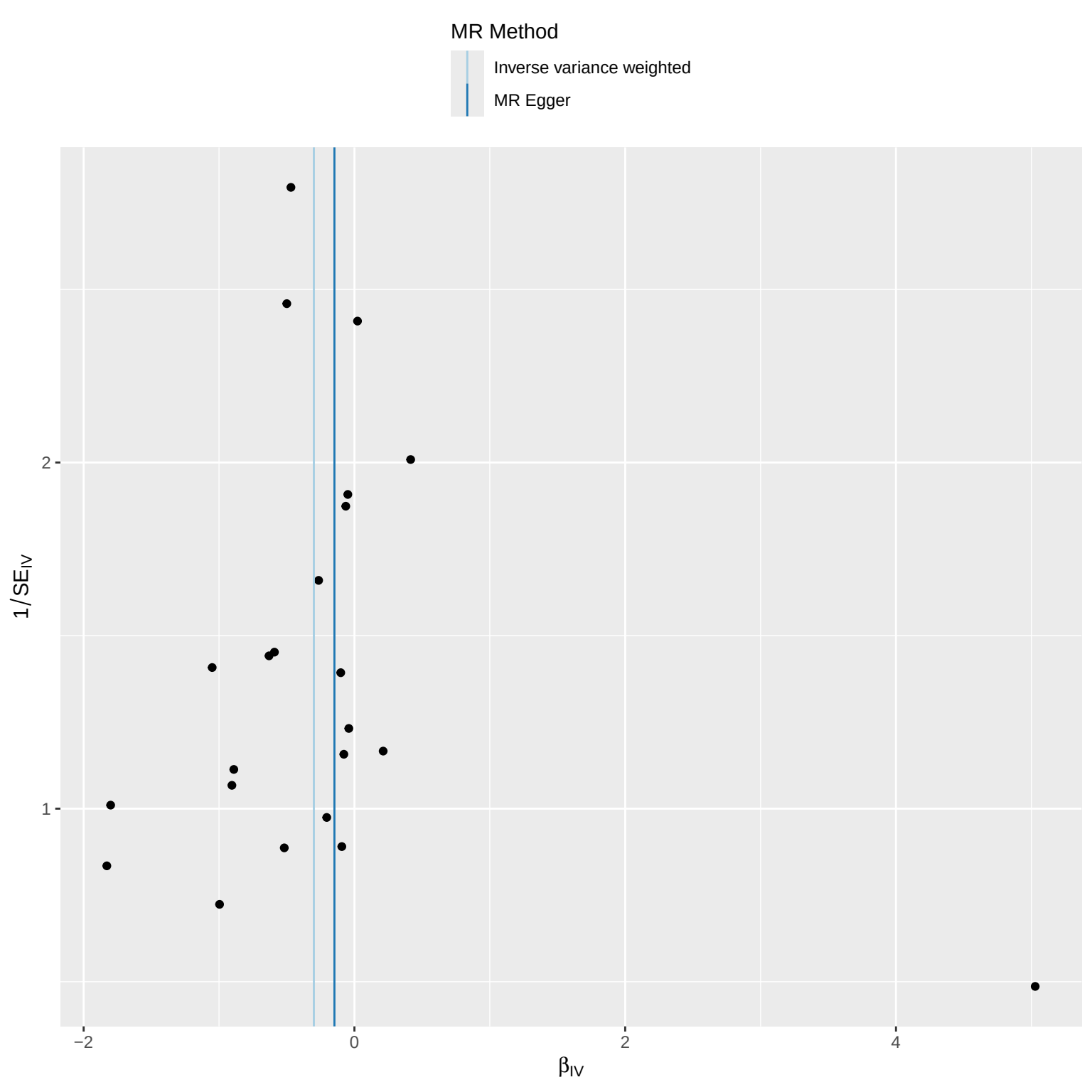

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

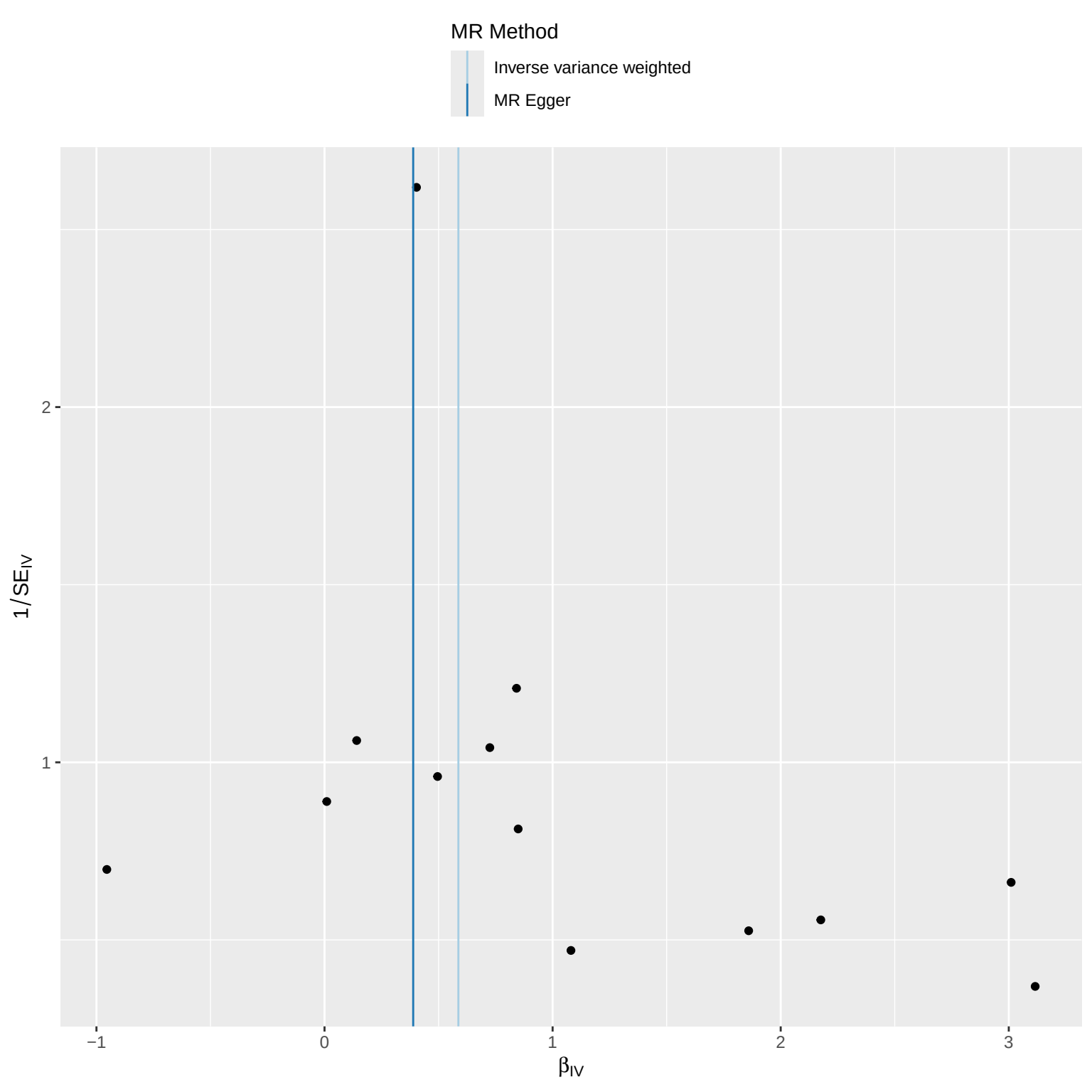

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

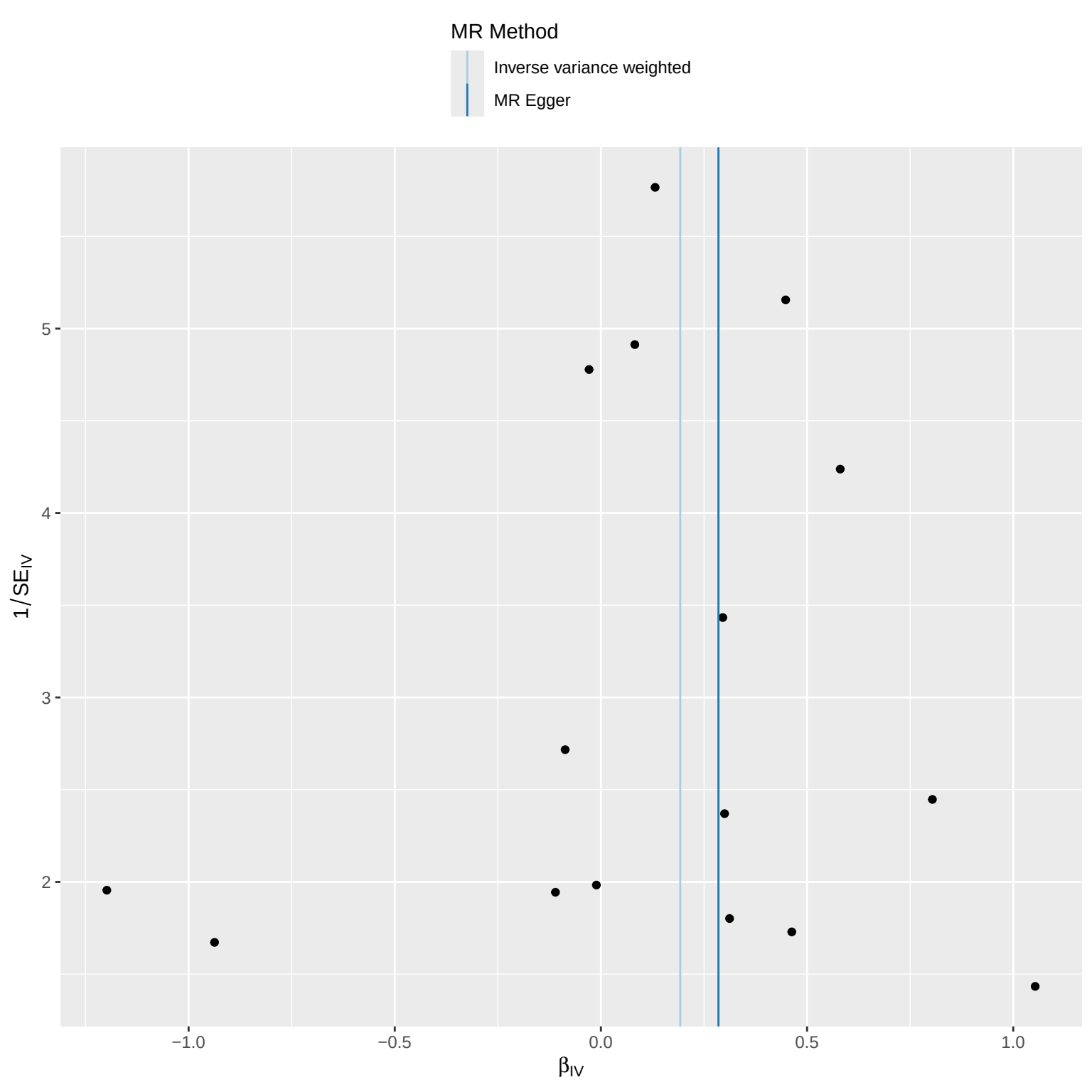

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

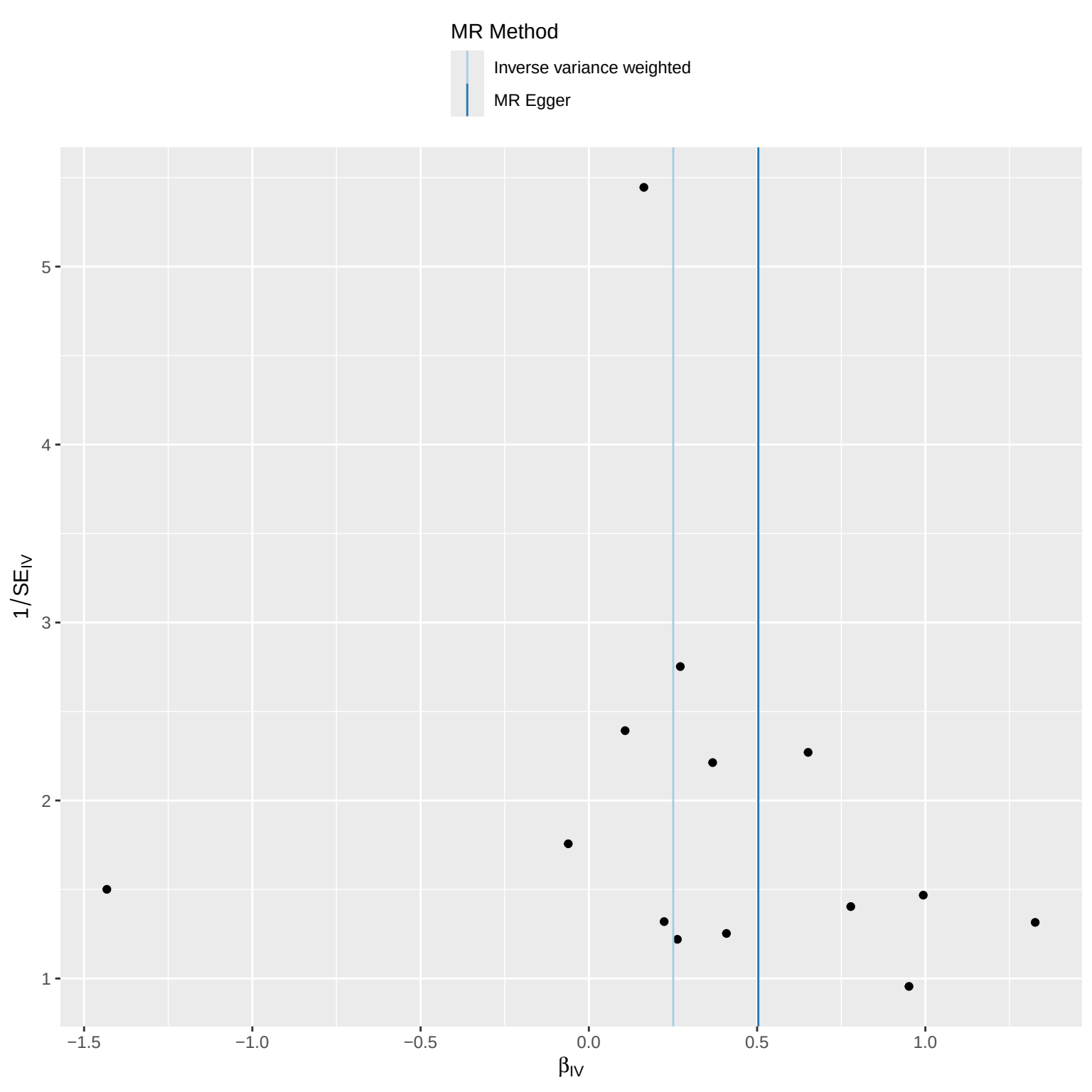

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2
3

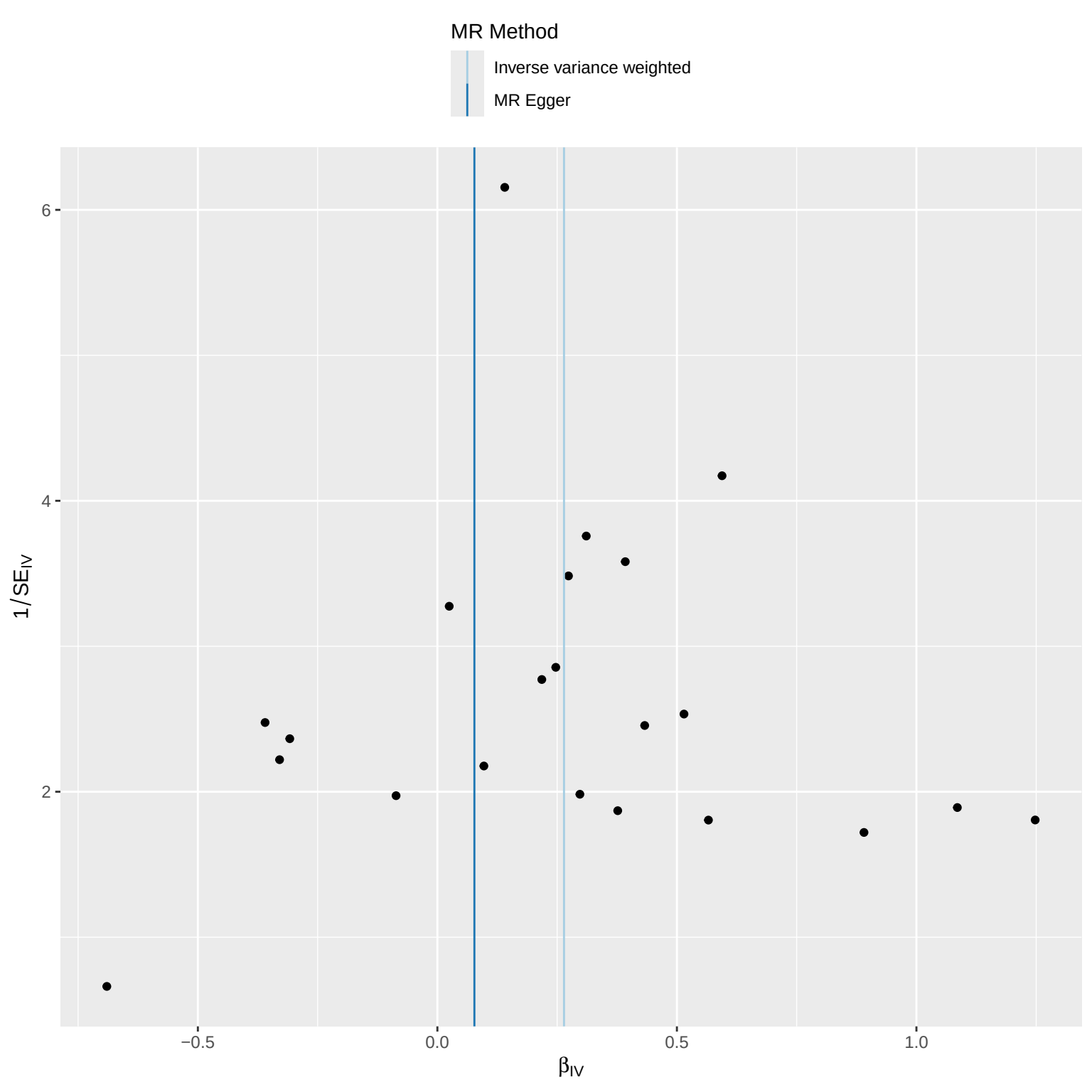

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−3.0
−2.5
−2.0
−1.5
−1.0
β_IV

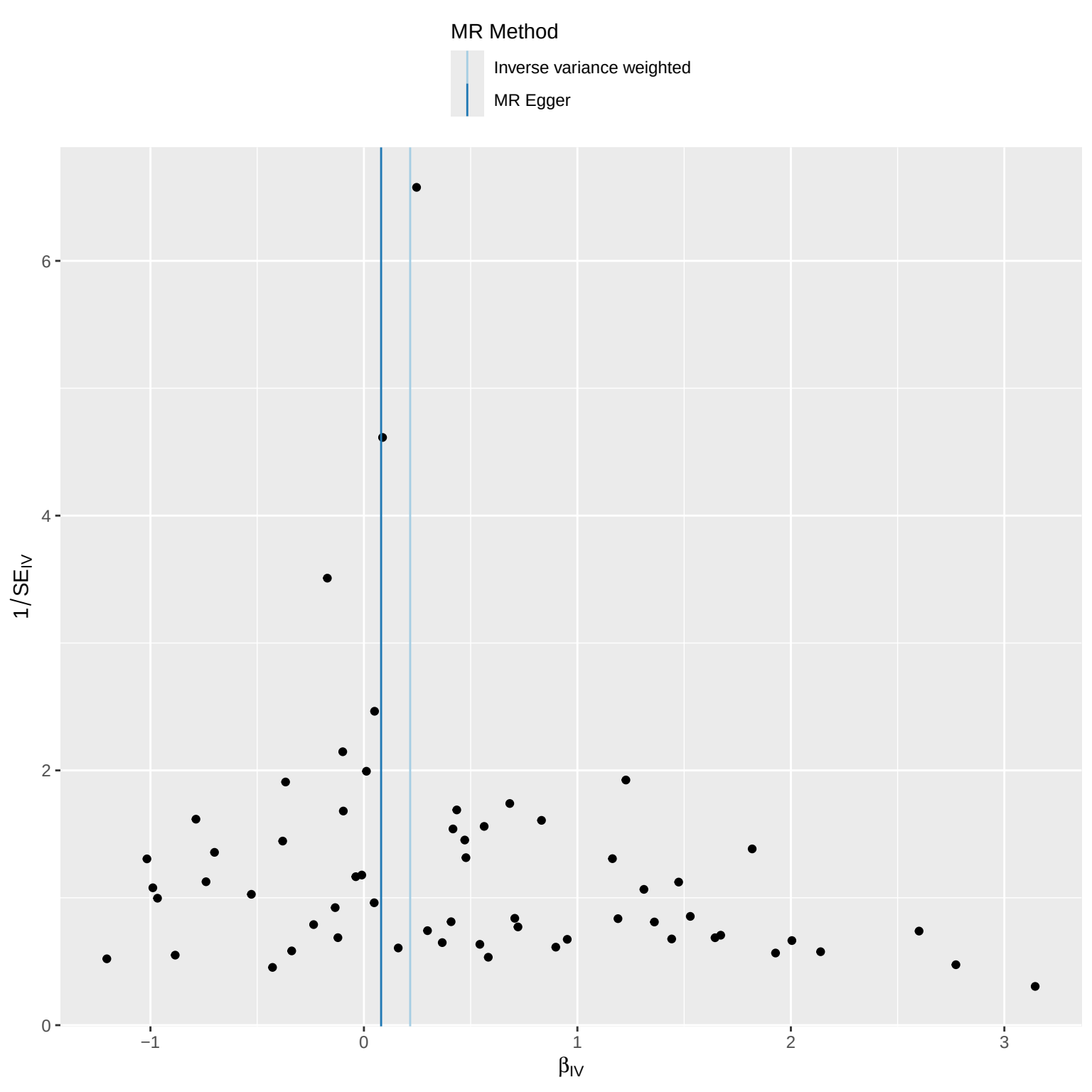

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

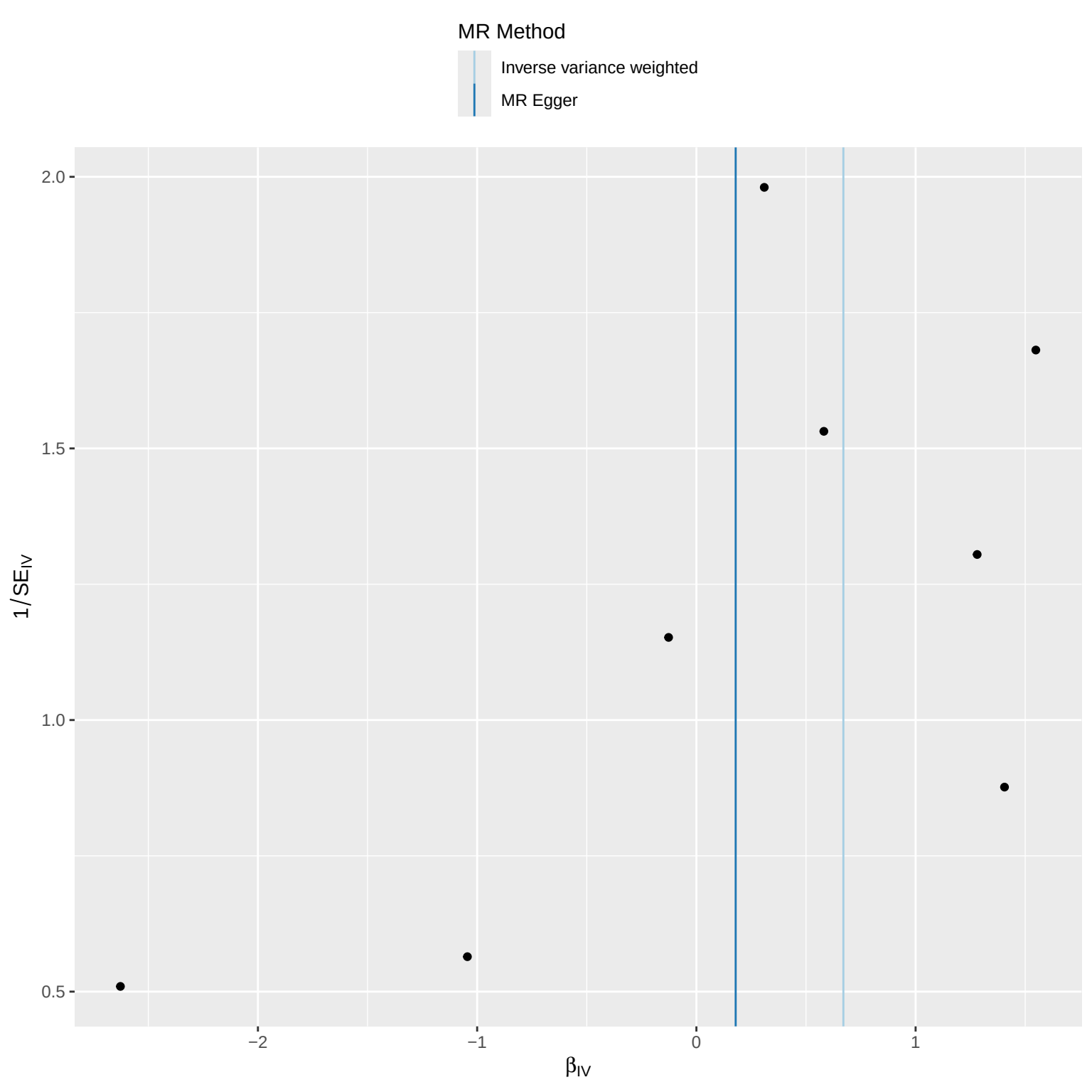

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

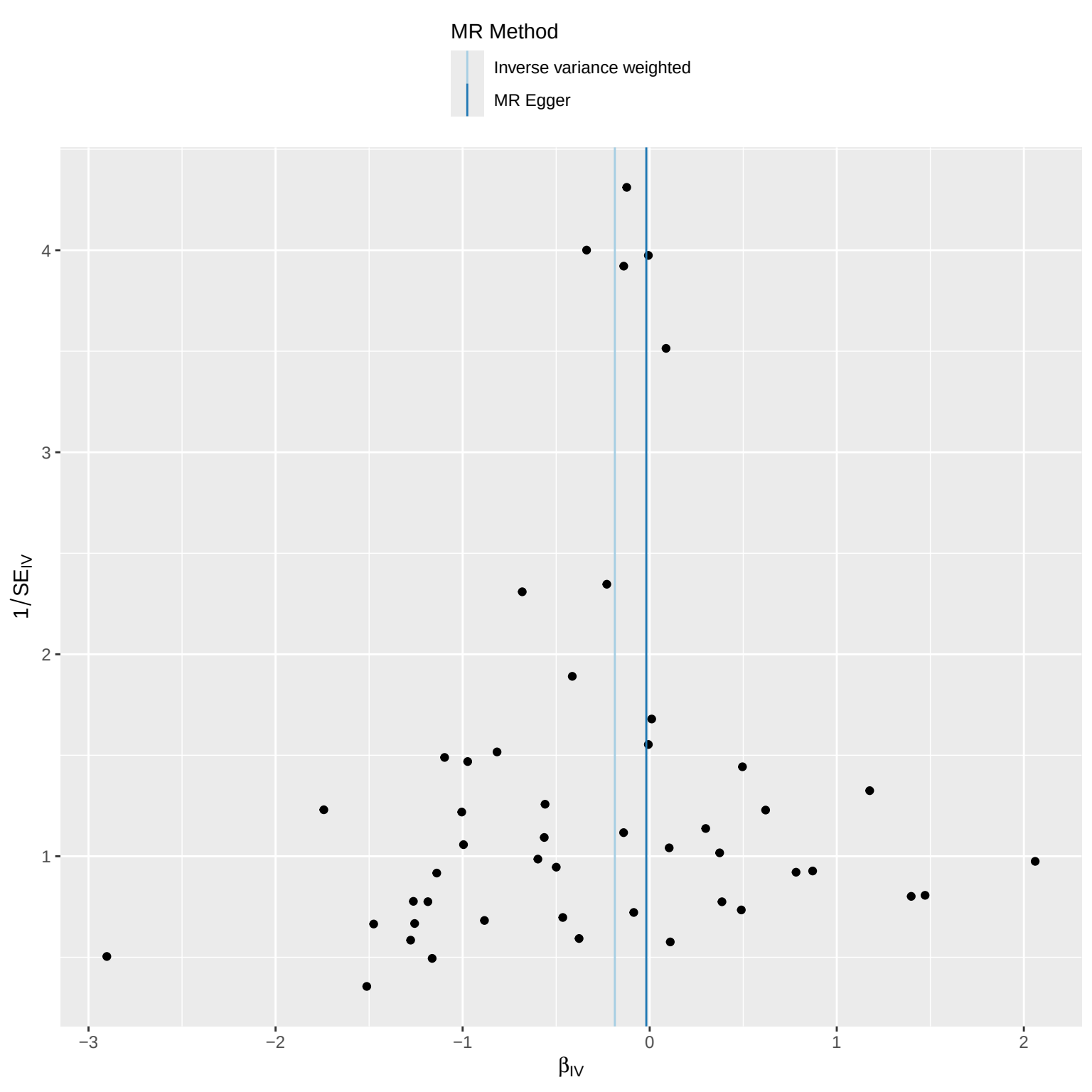

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

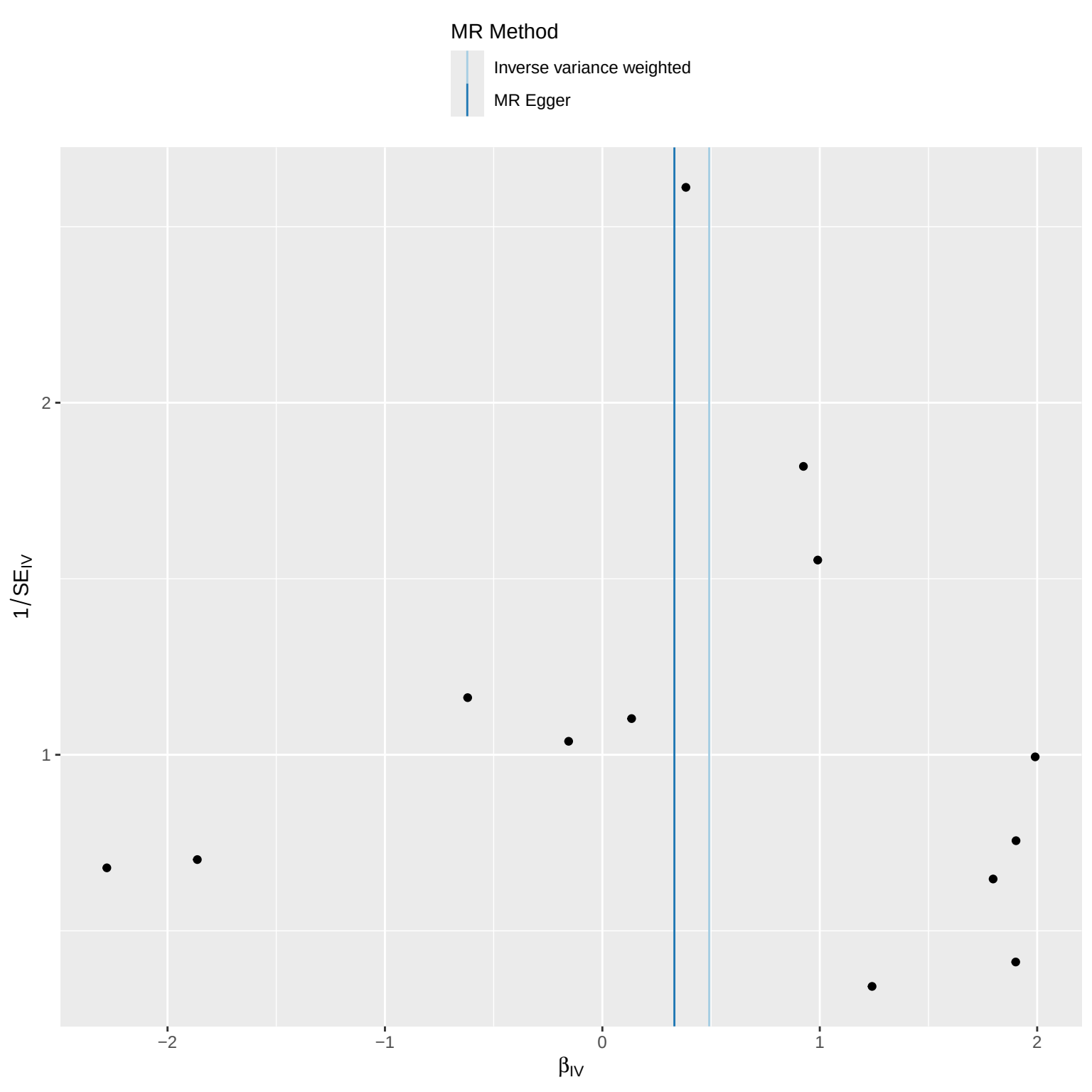

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

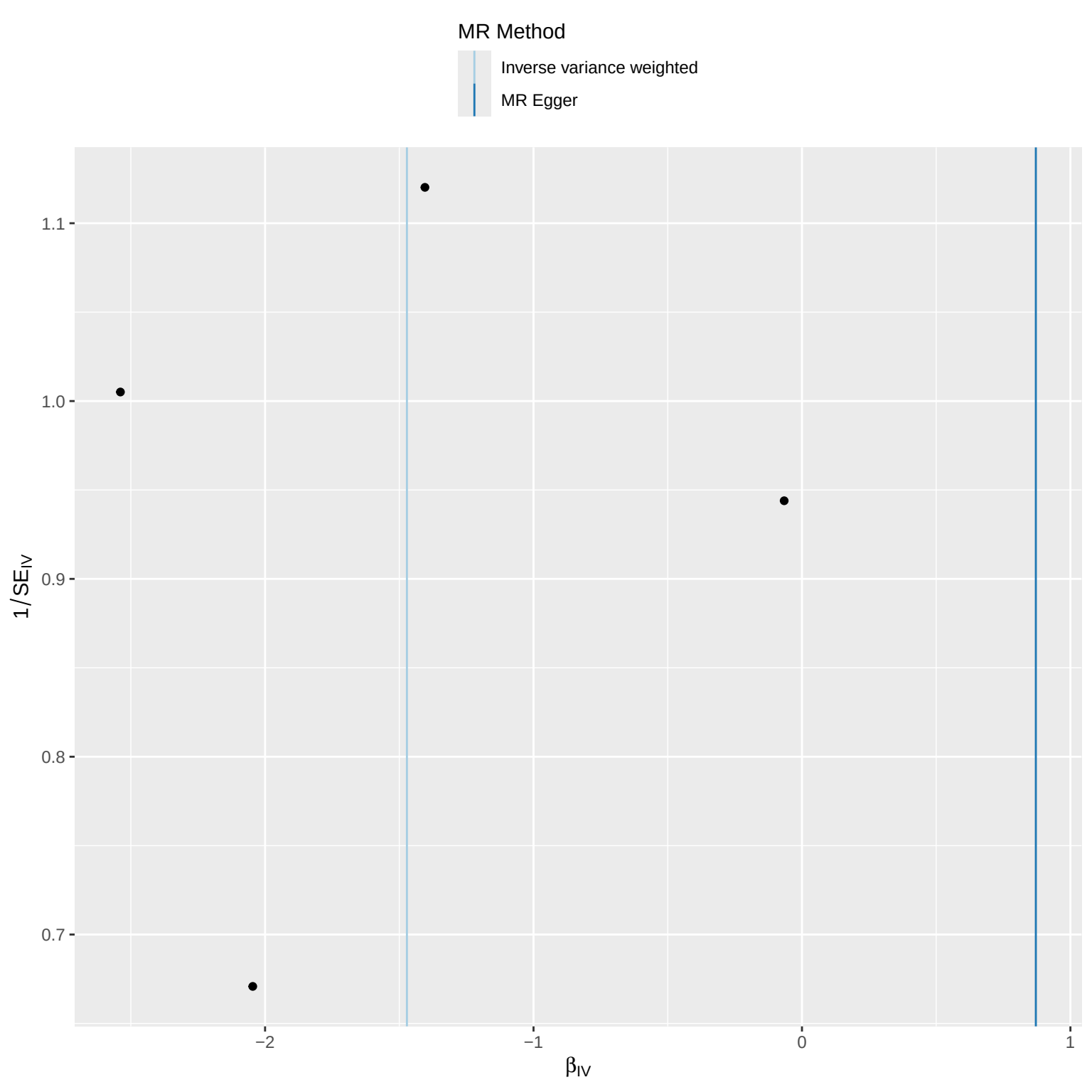

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

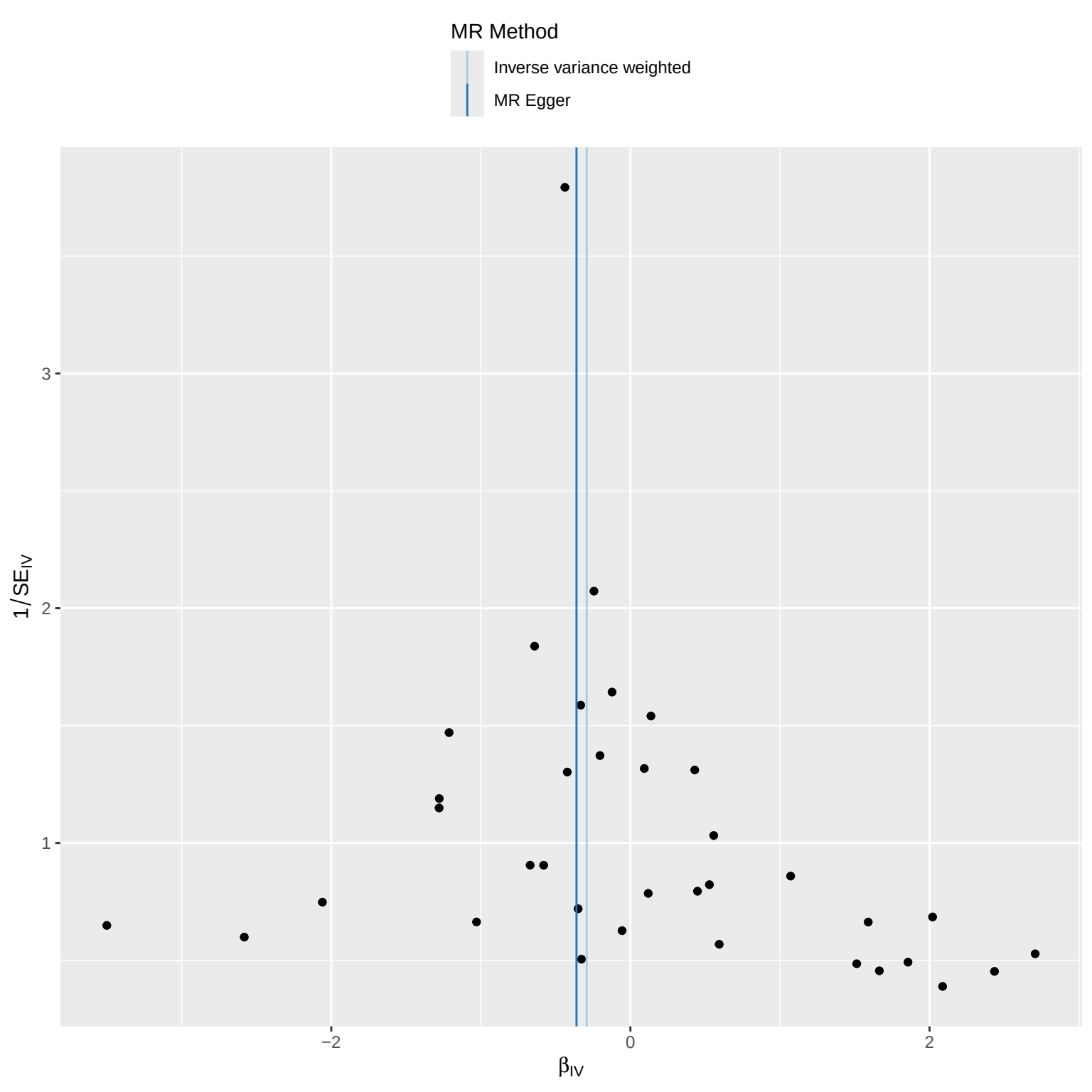

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−1
0
1
2
3
β_IV

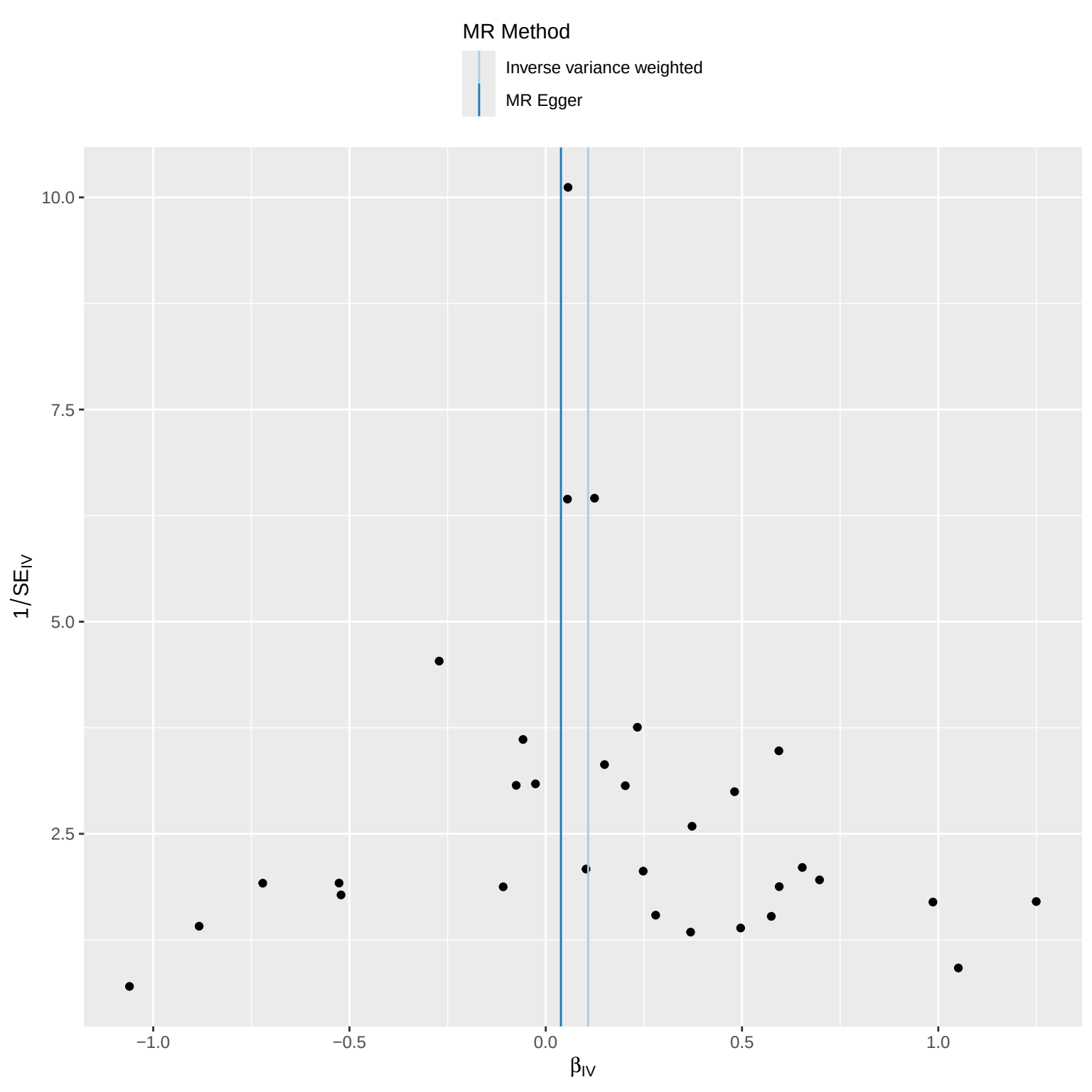

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

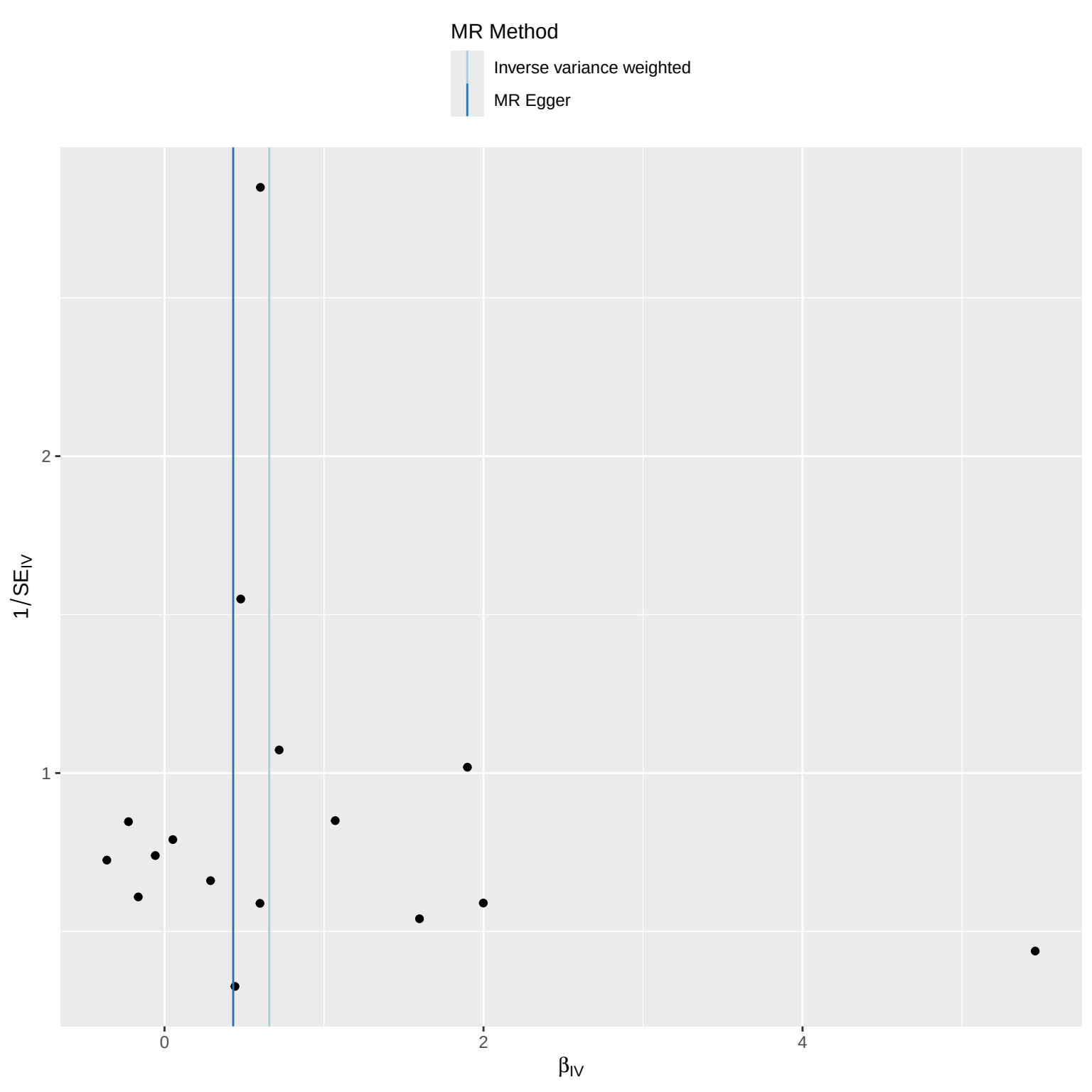

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

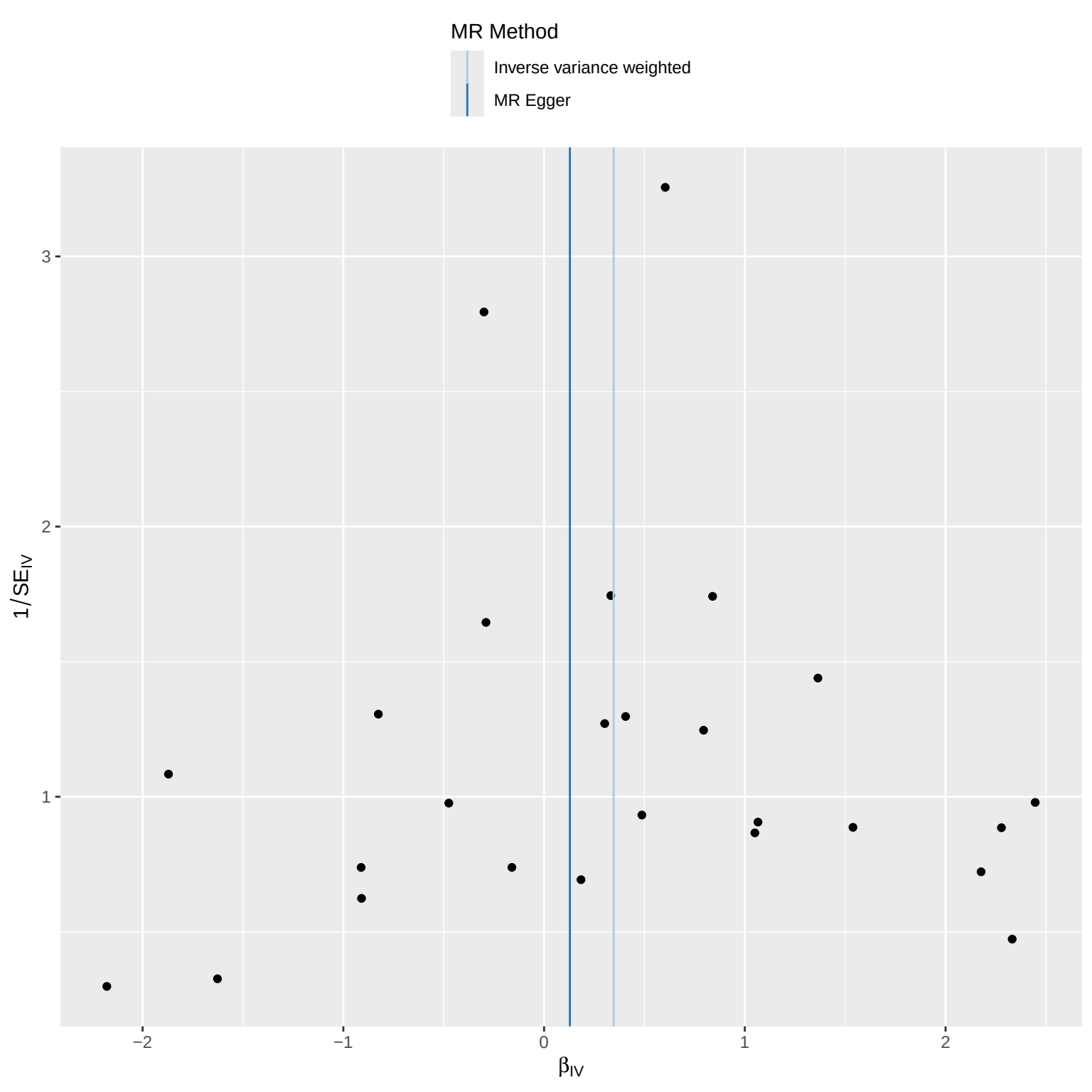

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

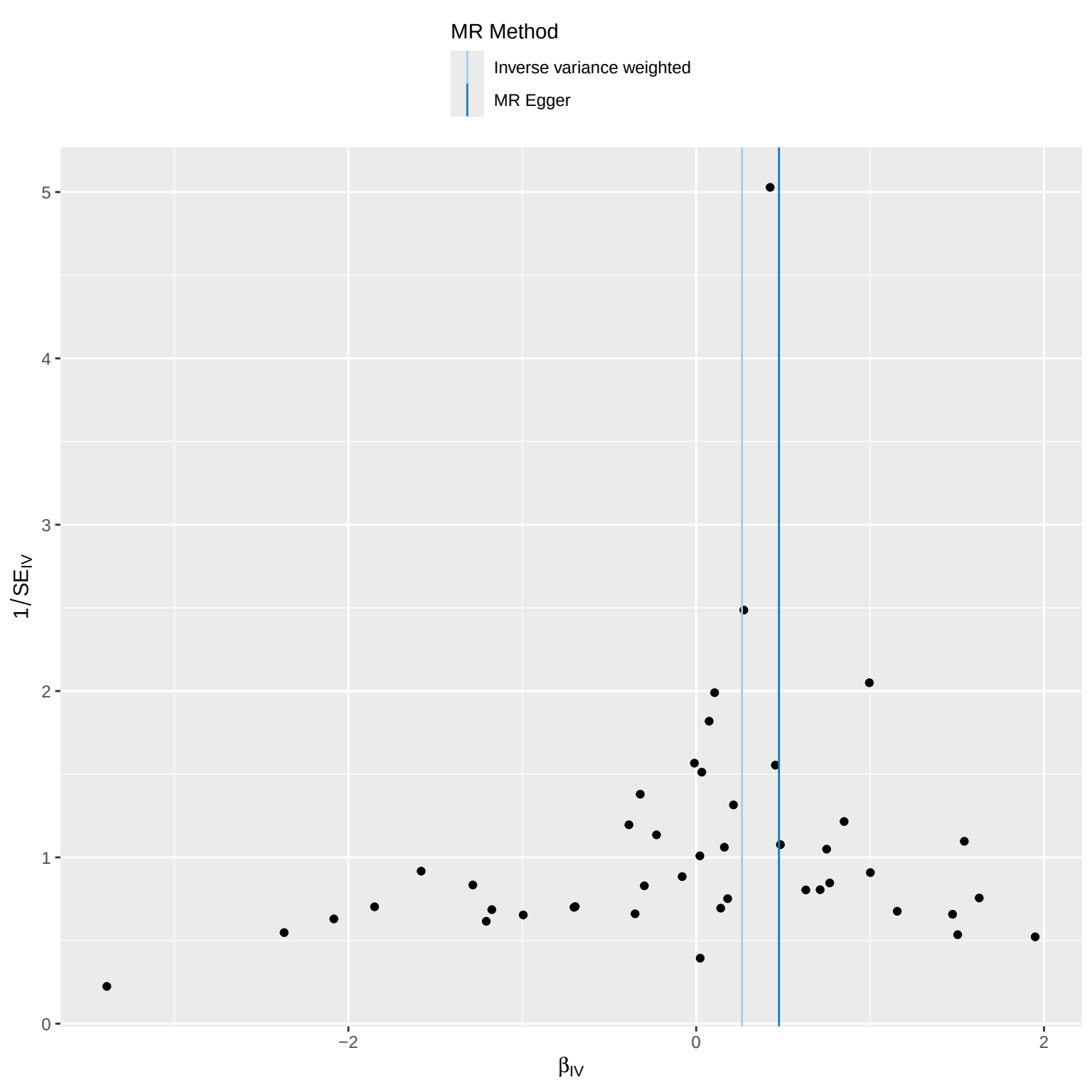

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
1/SE_IV
−2
−1
0
1
β_IV

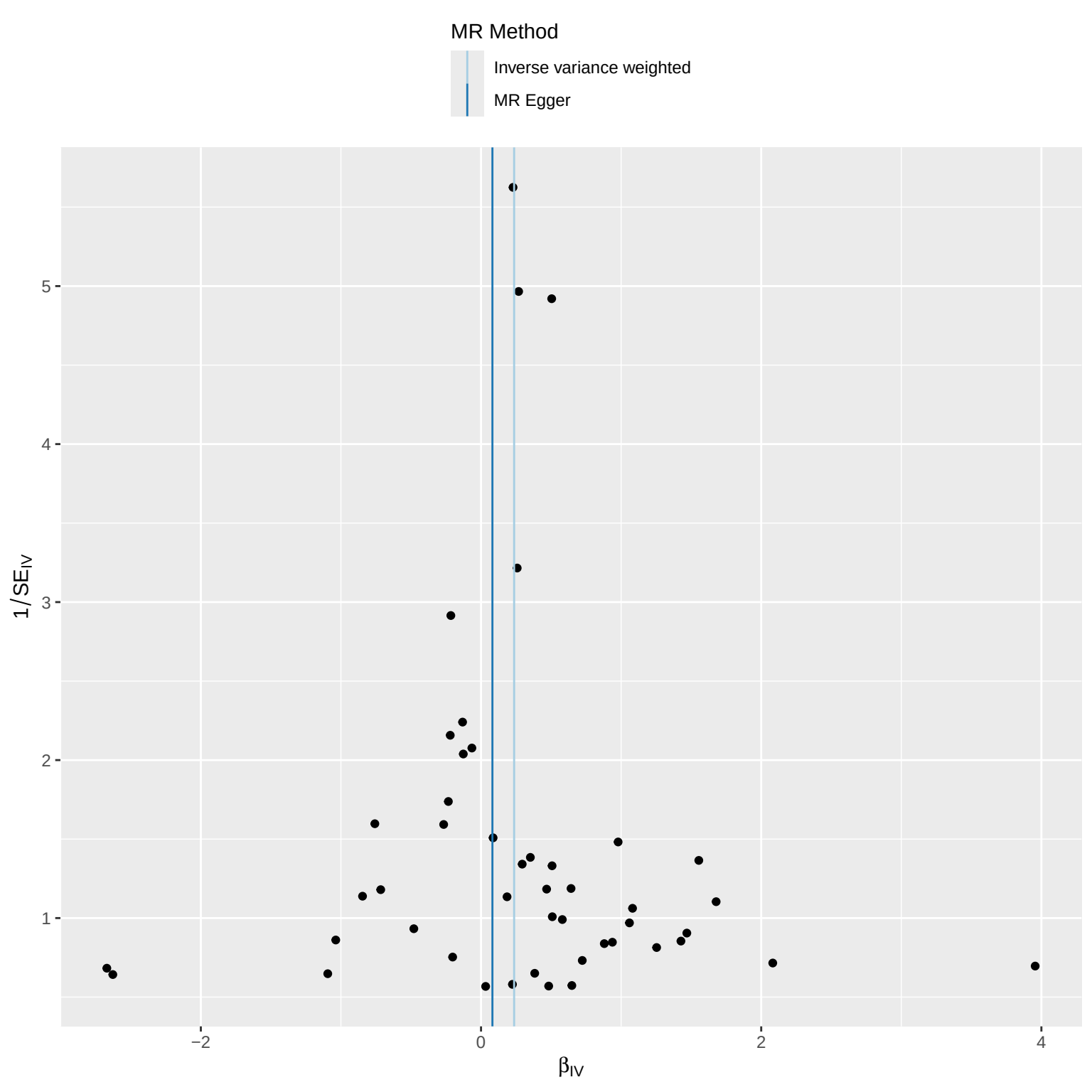

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

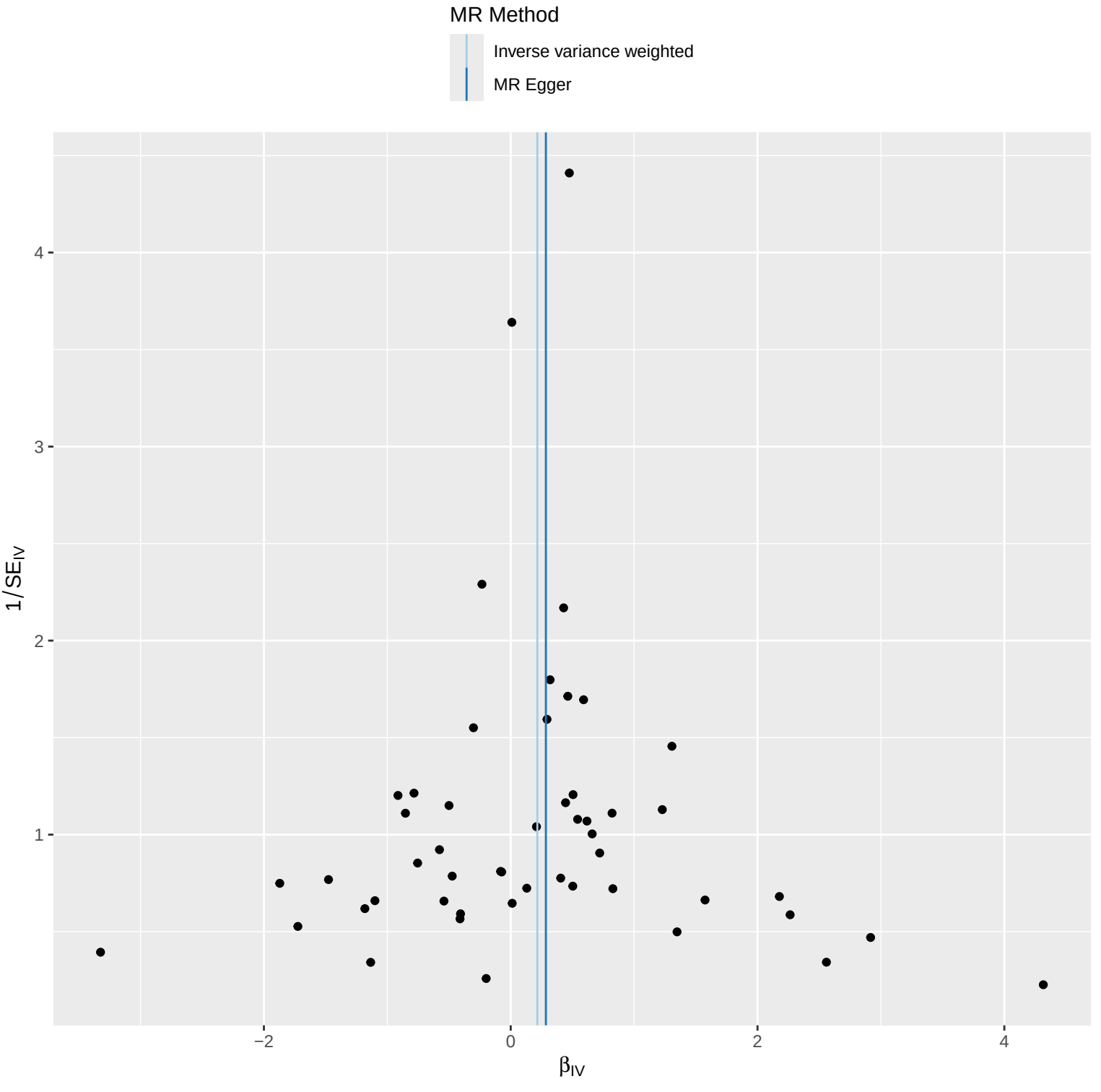

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

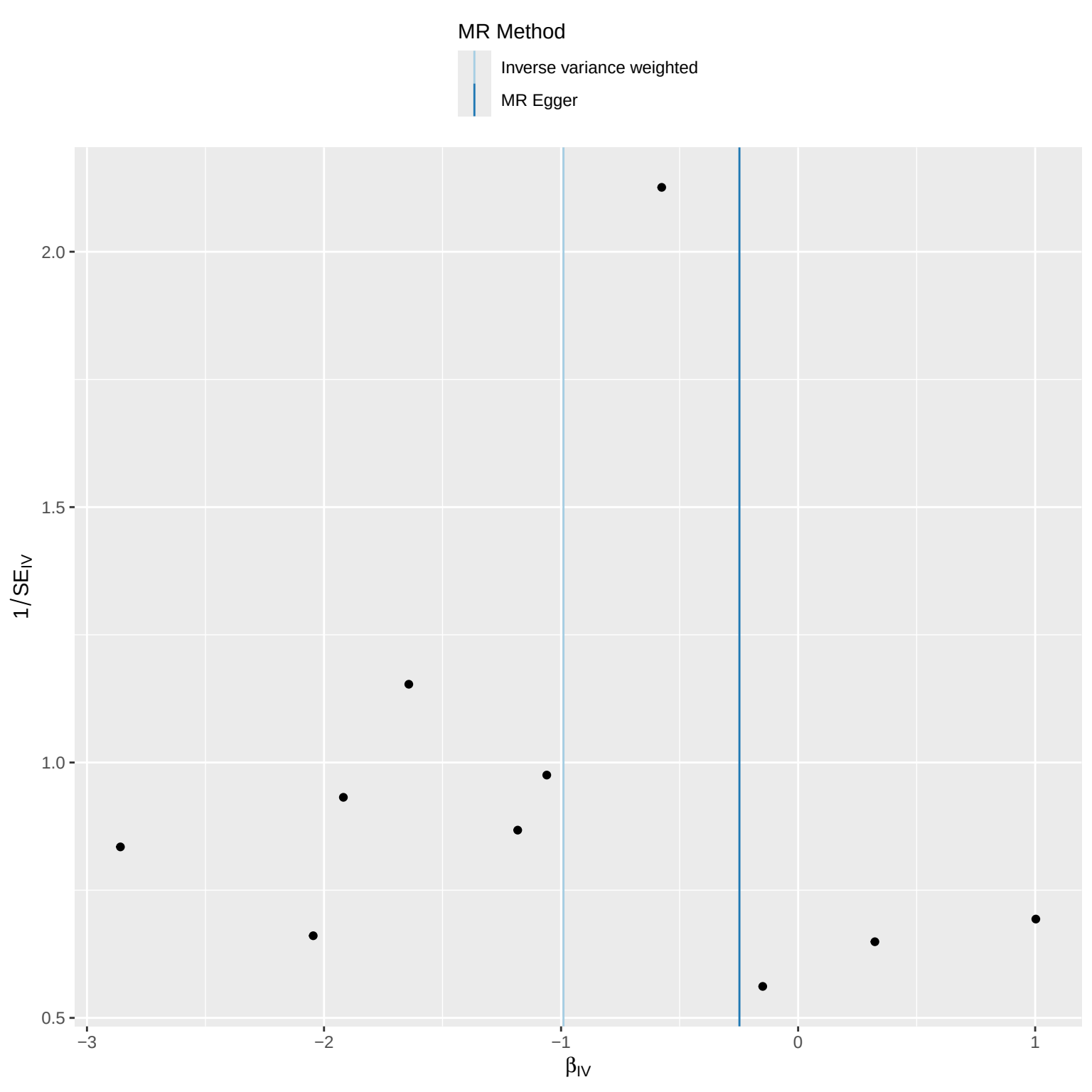

MR Method
Inverse variance weighted
MR Egger
2
1
$1/SE_{IV}$
0
2
4
β_{IV}

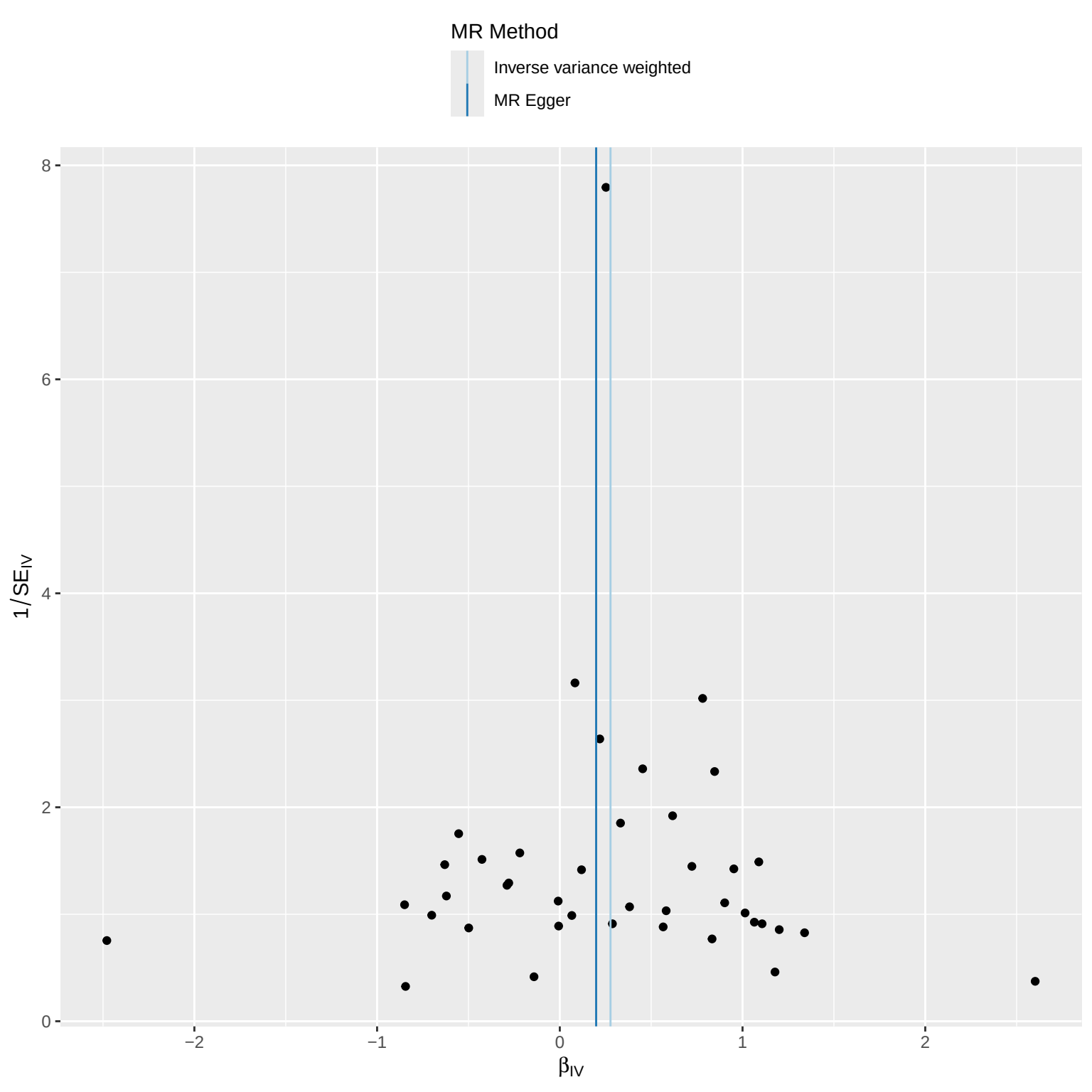

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

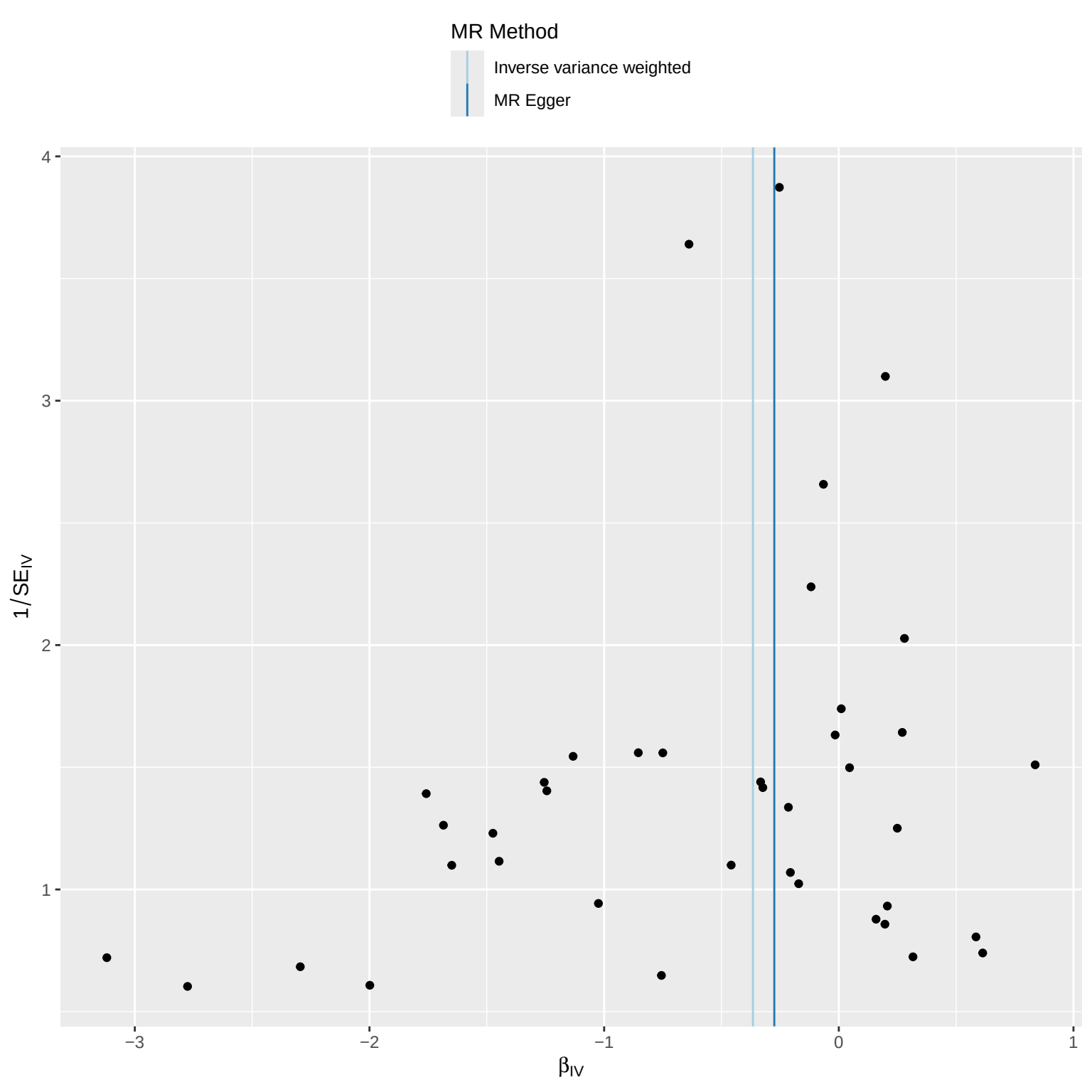

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−2
0
2
β_IV

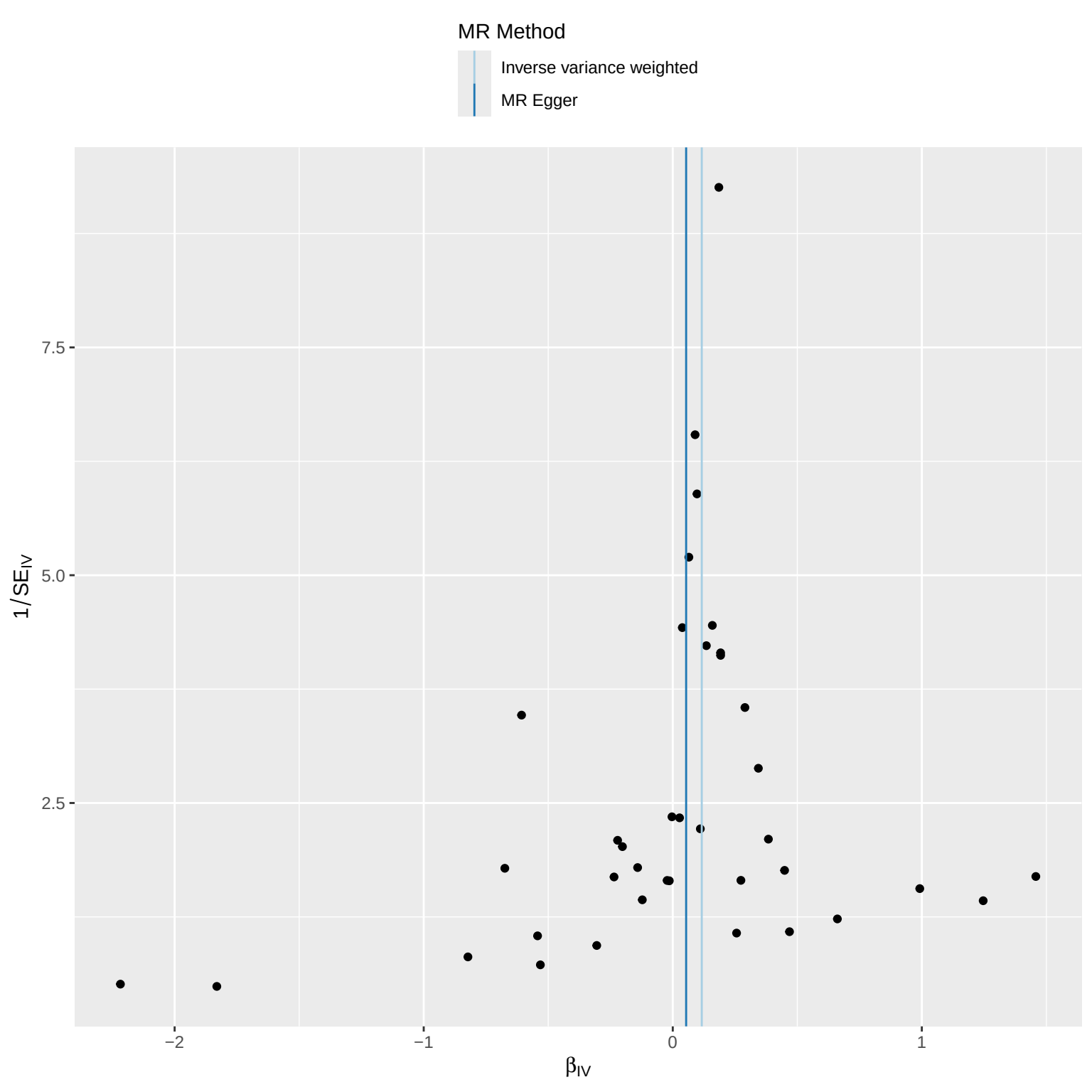

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
0
2
4

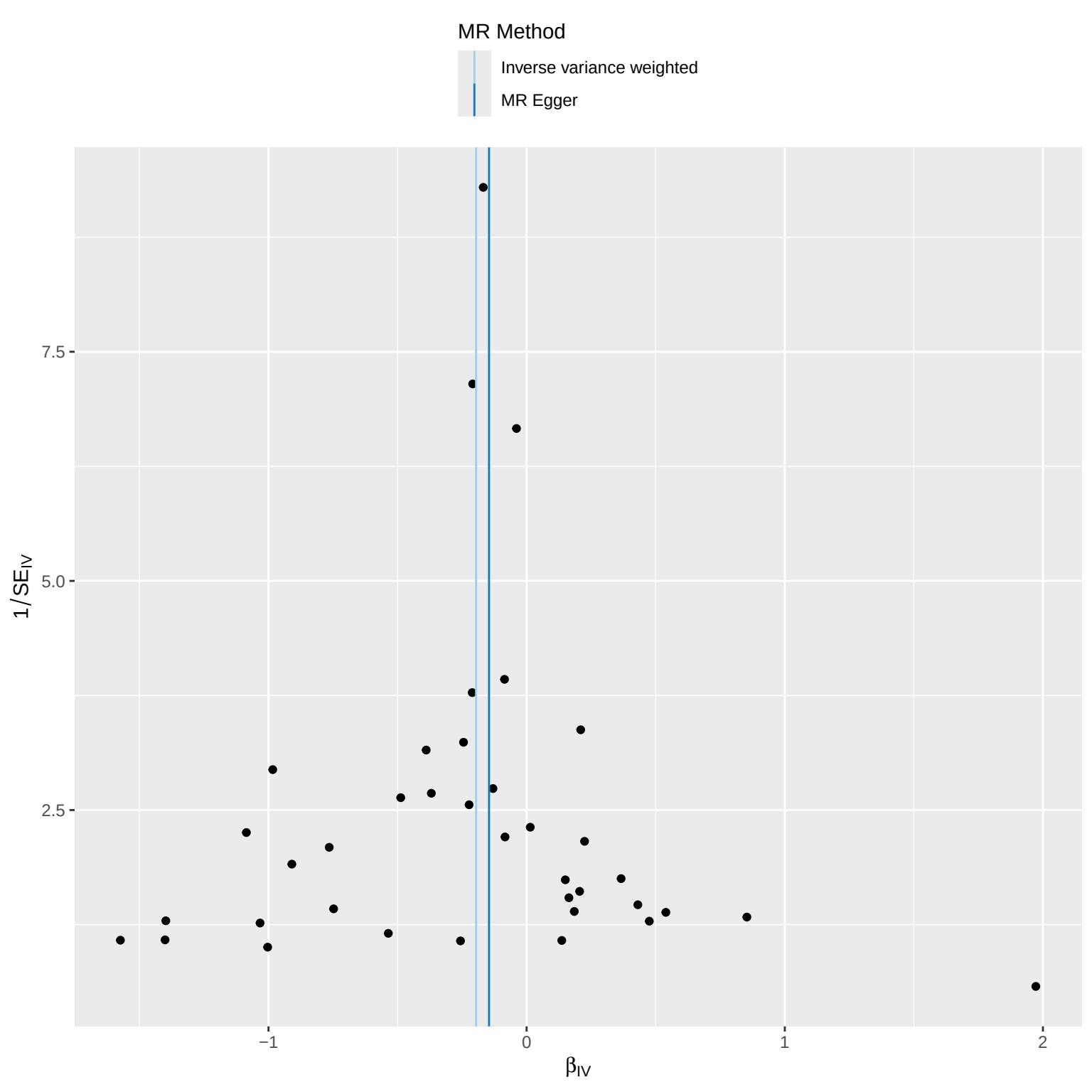

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

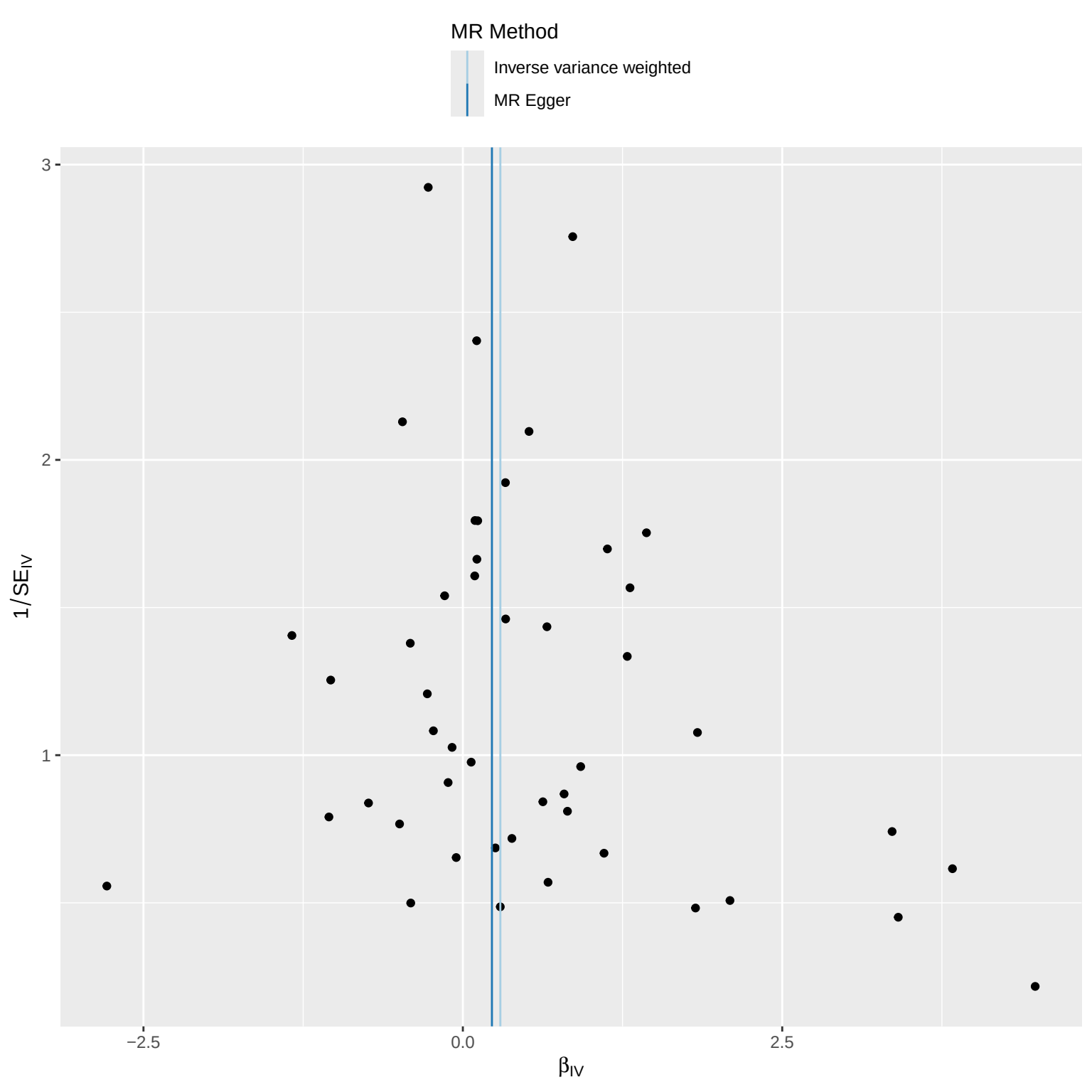

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

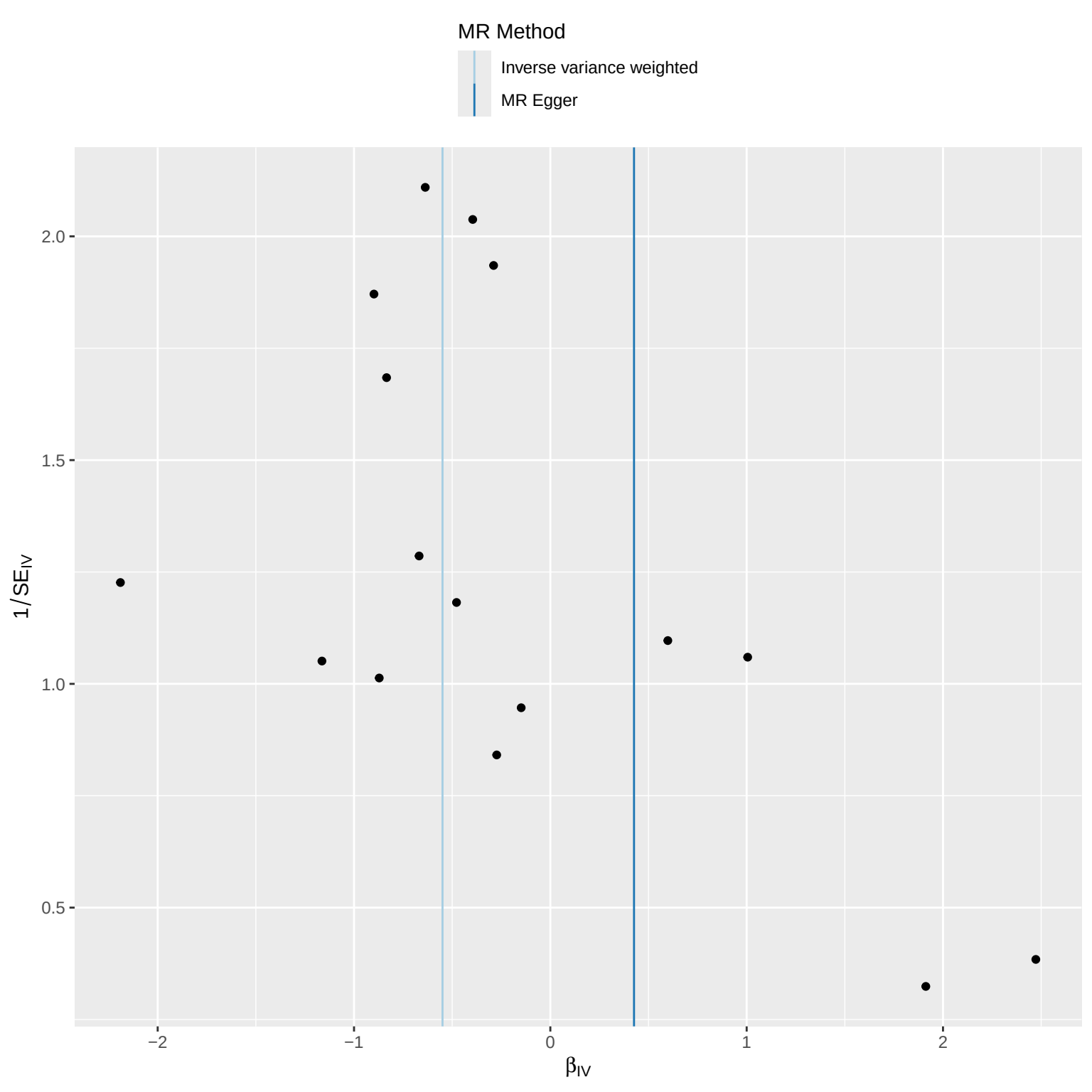

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
0
1/SE_IV
−2
−1
0
1
2
β_IV

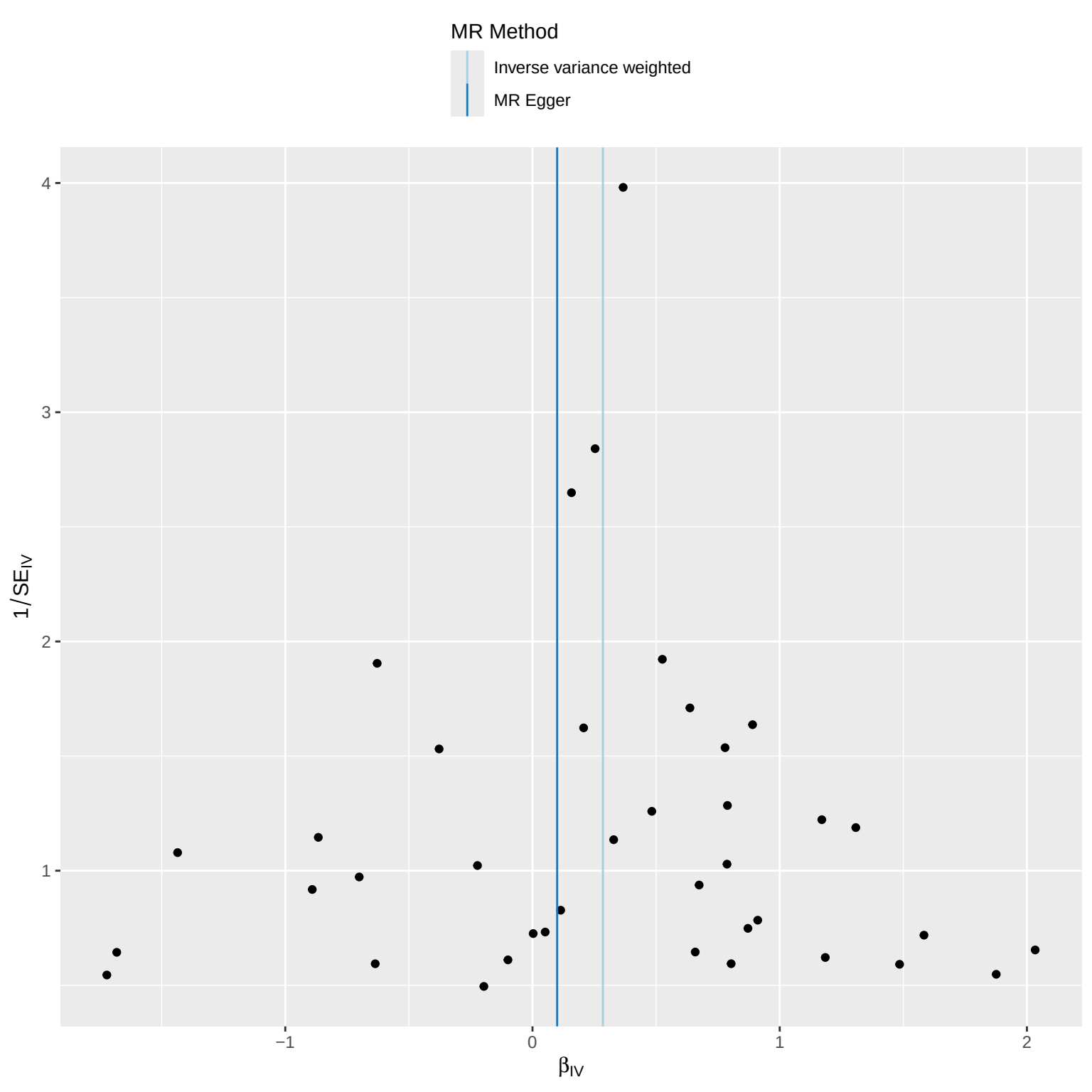

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

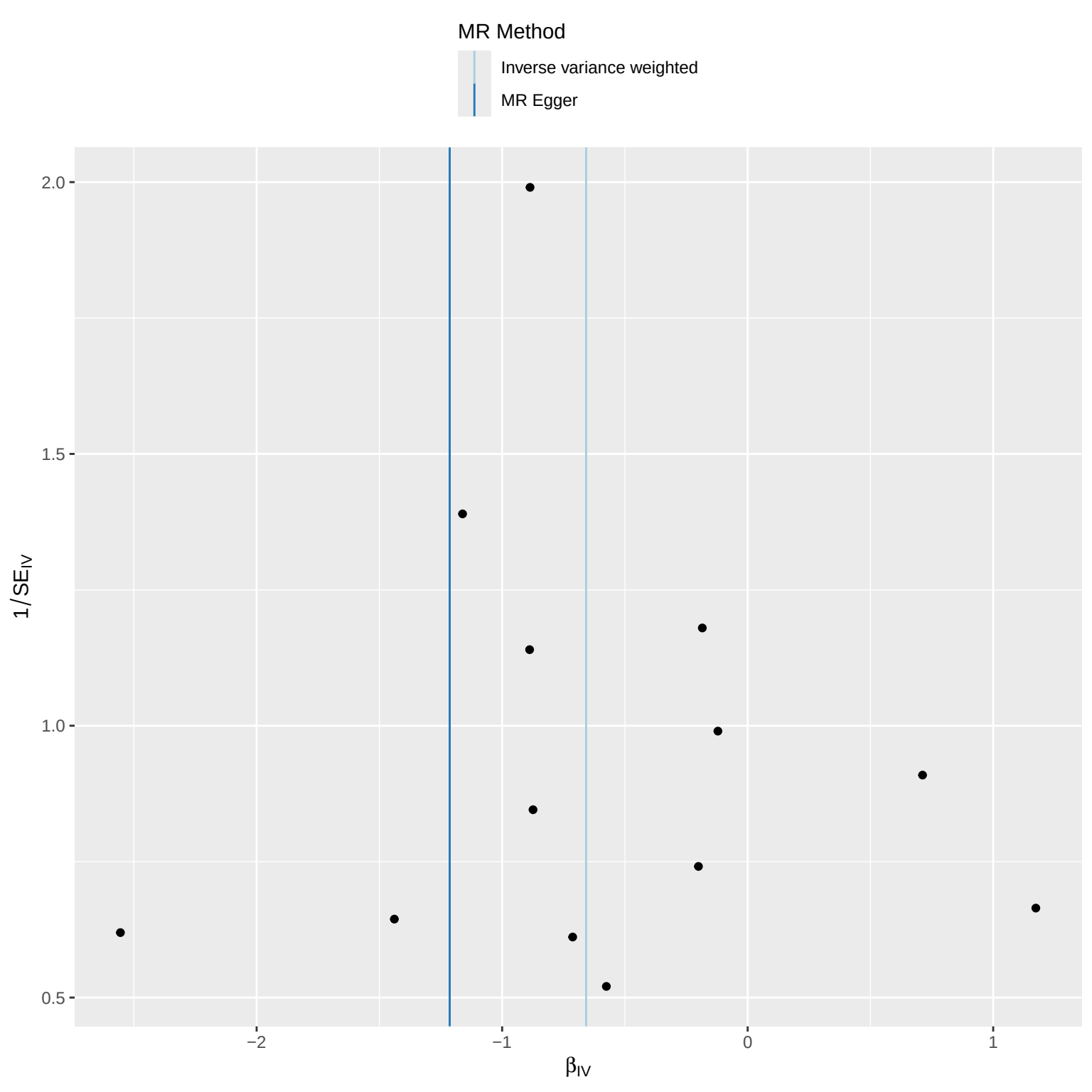

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

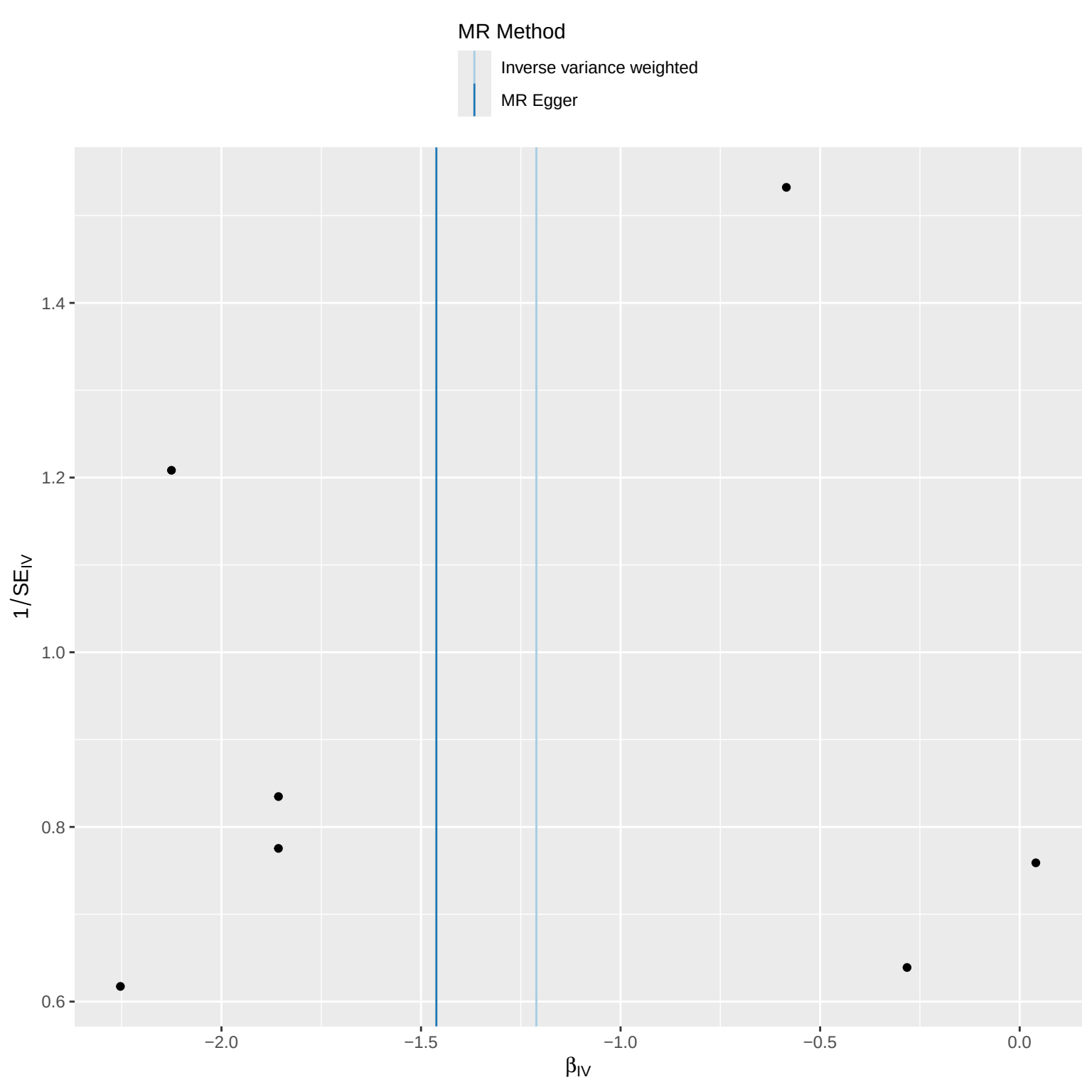

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
2
β_IV

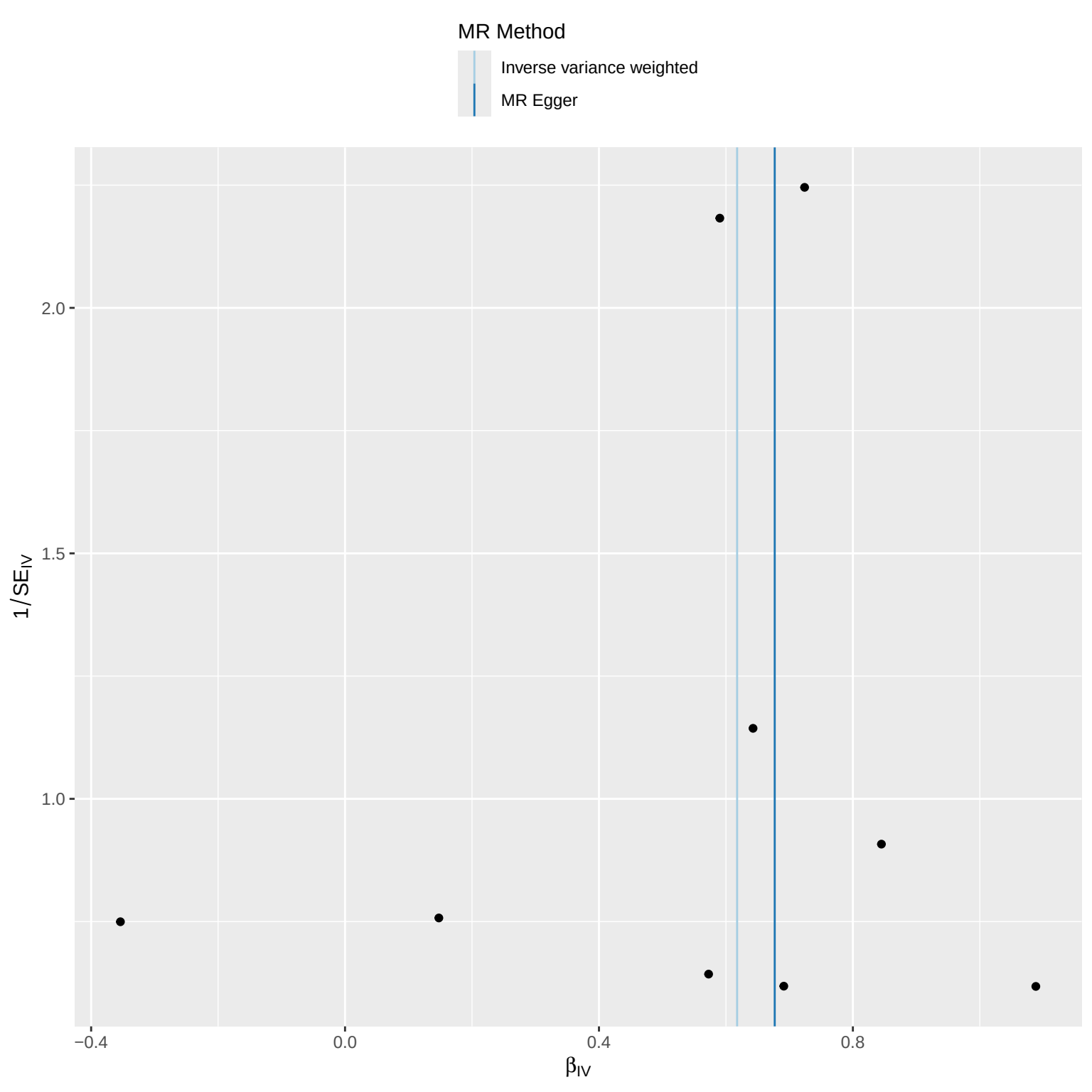

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

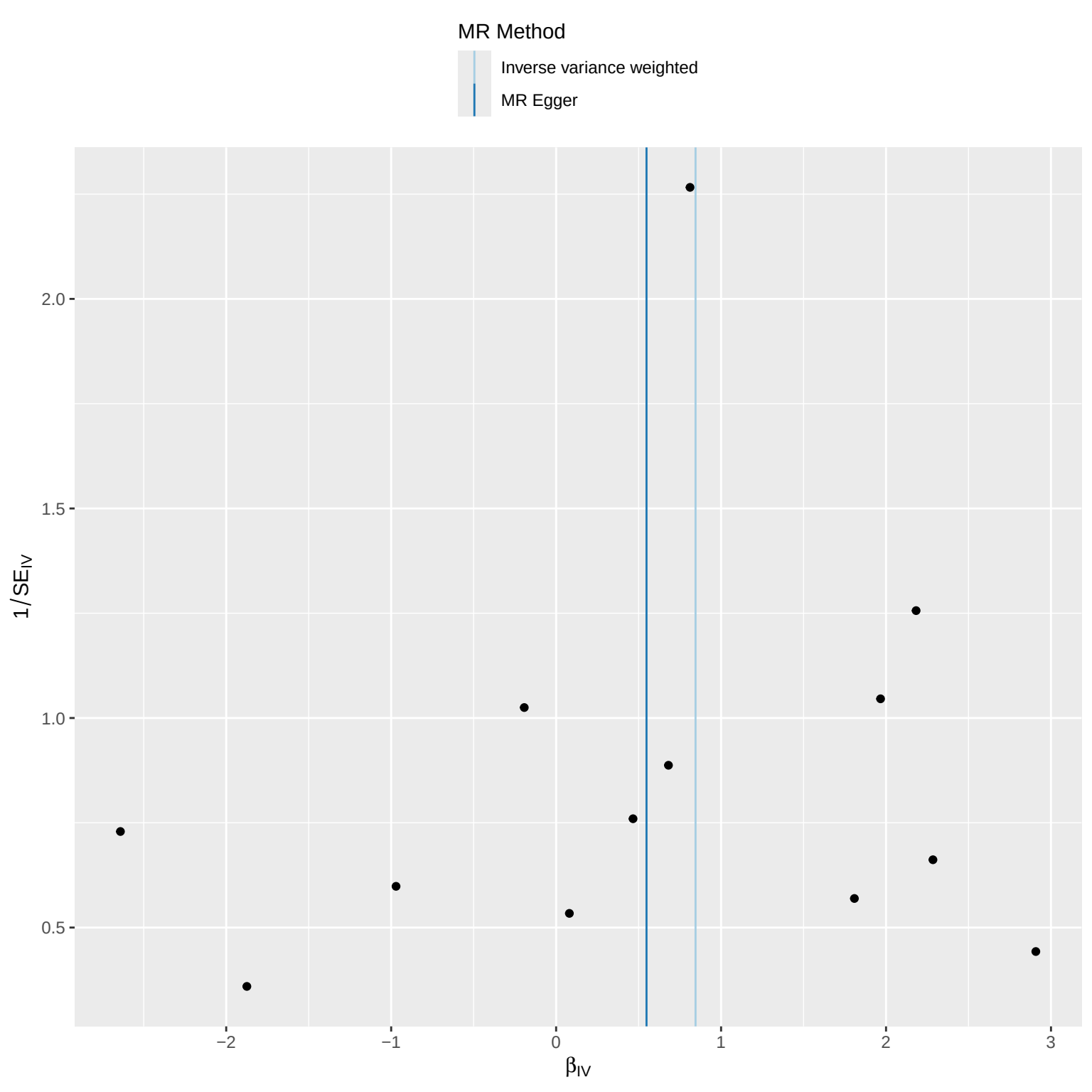

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

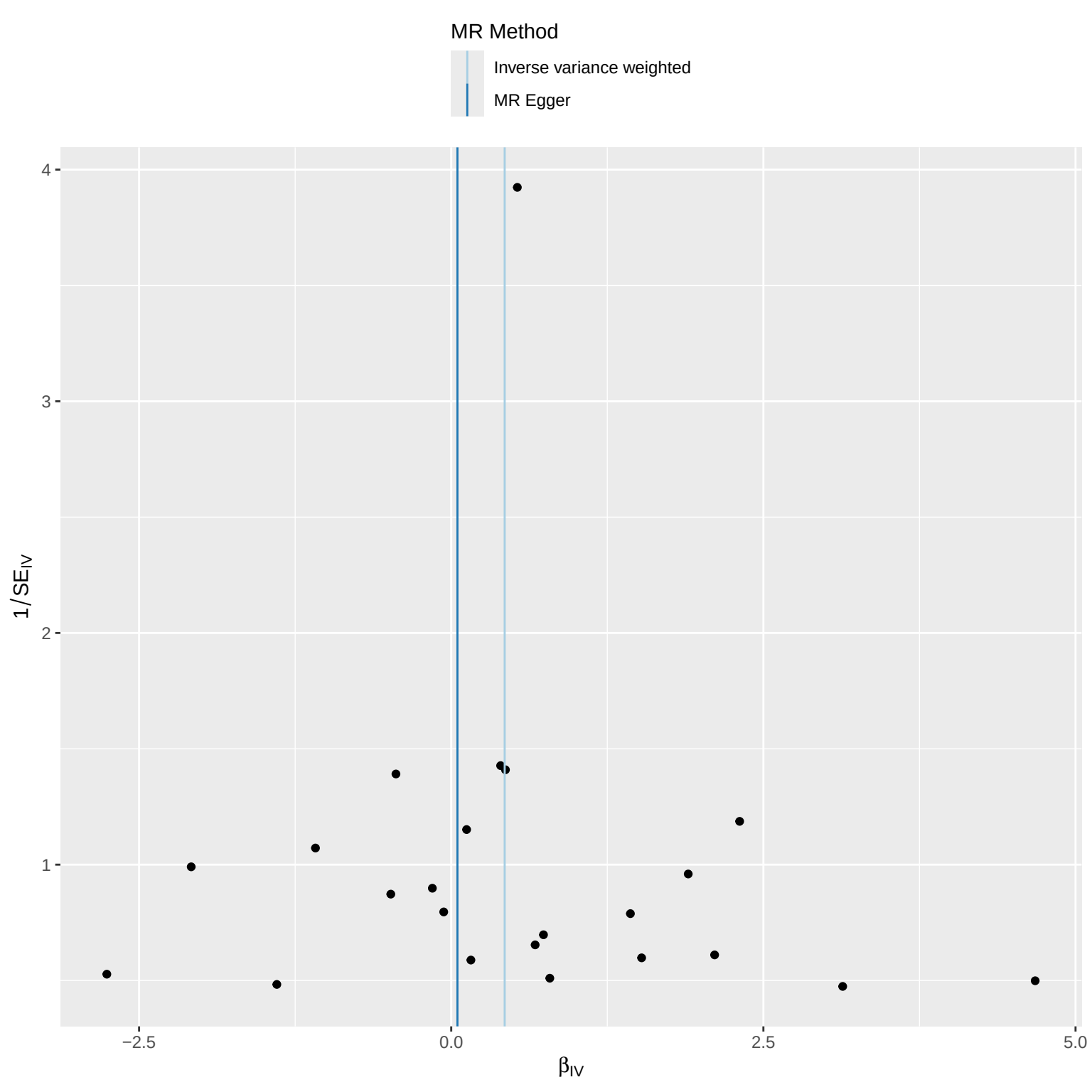

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

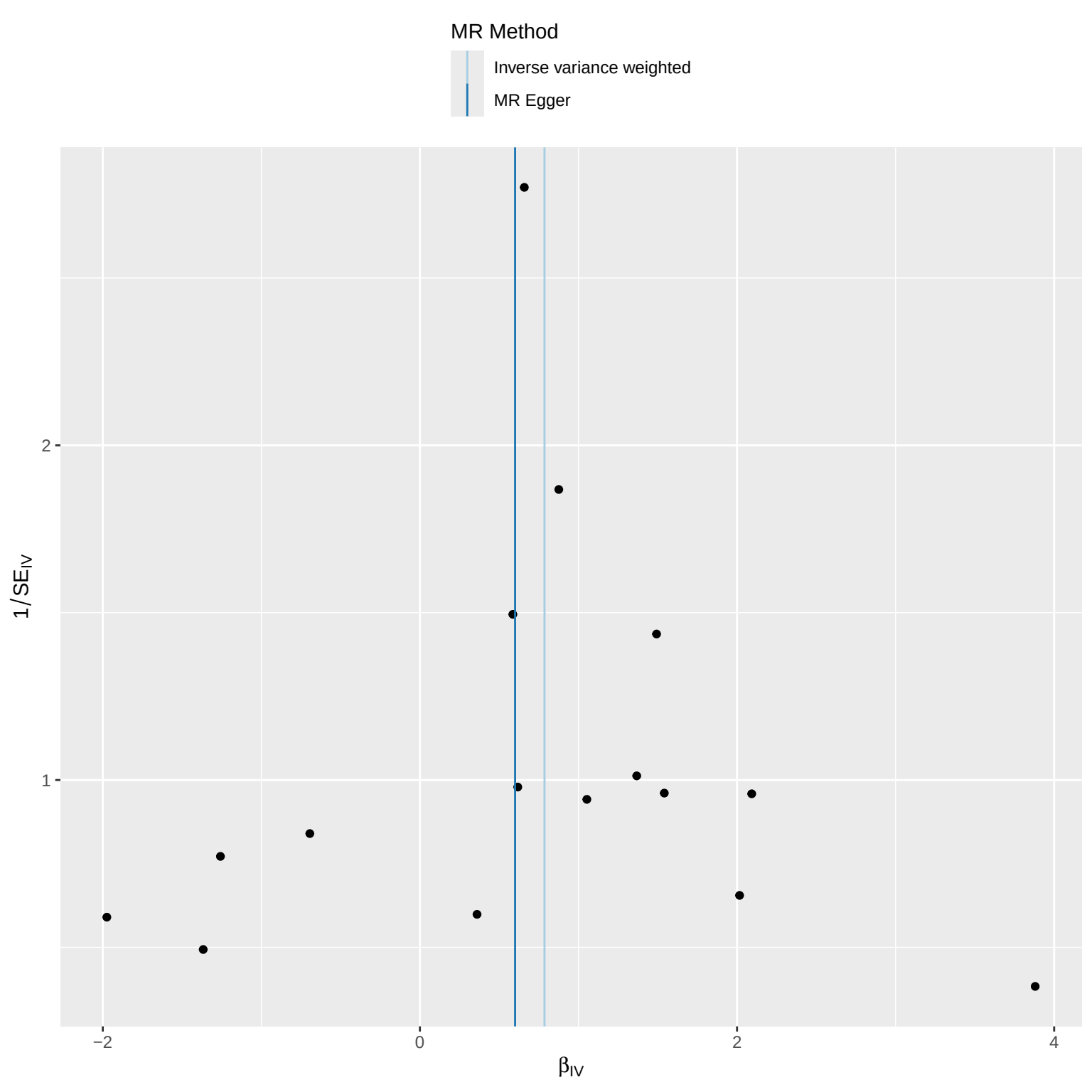

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

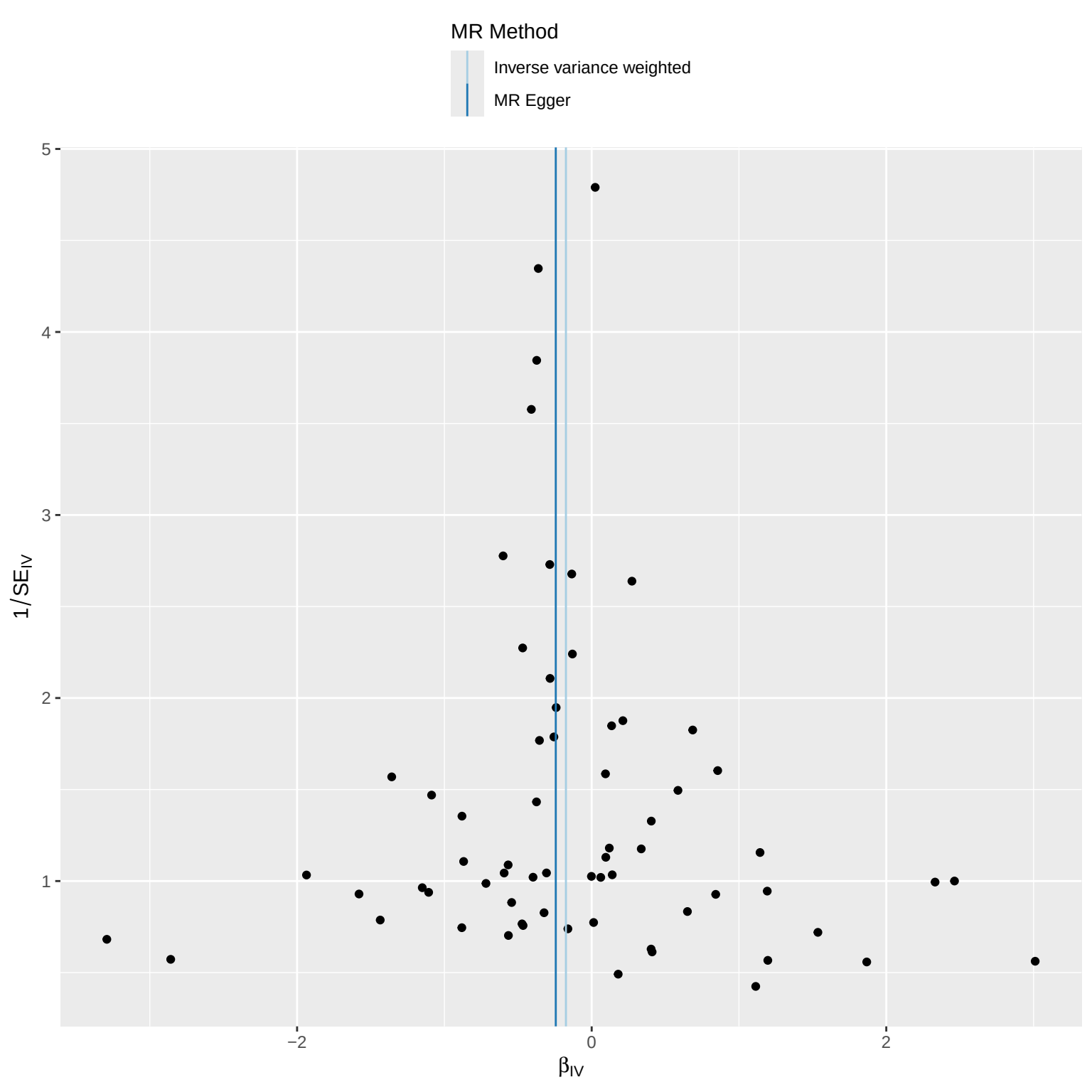

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

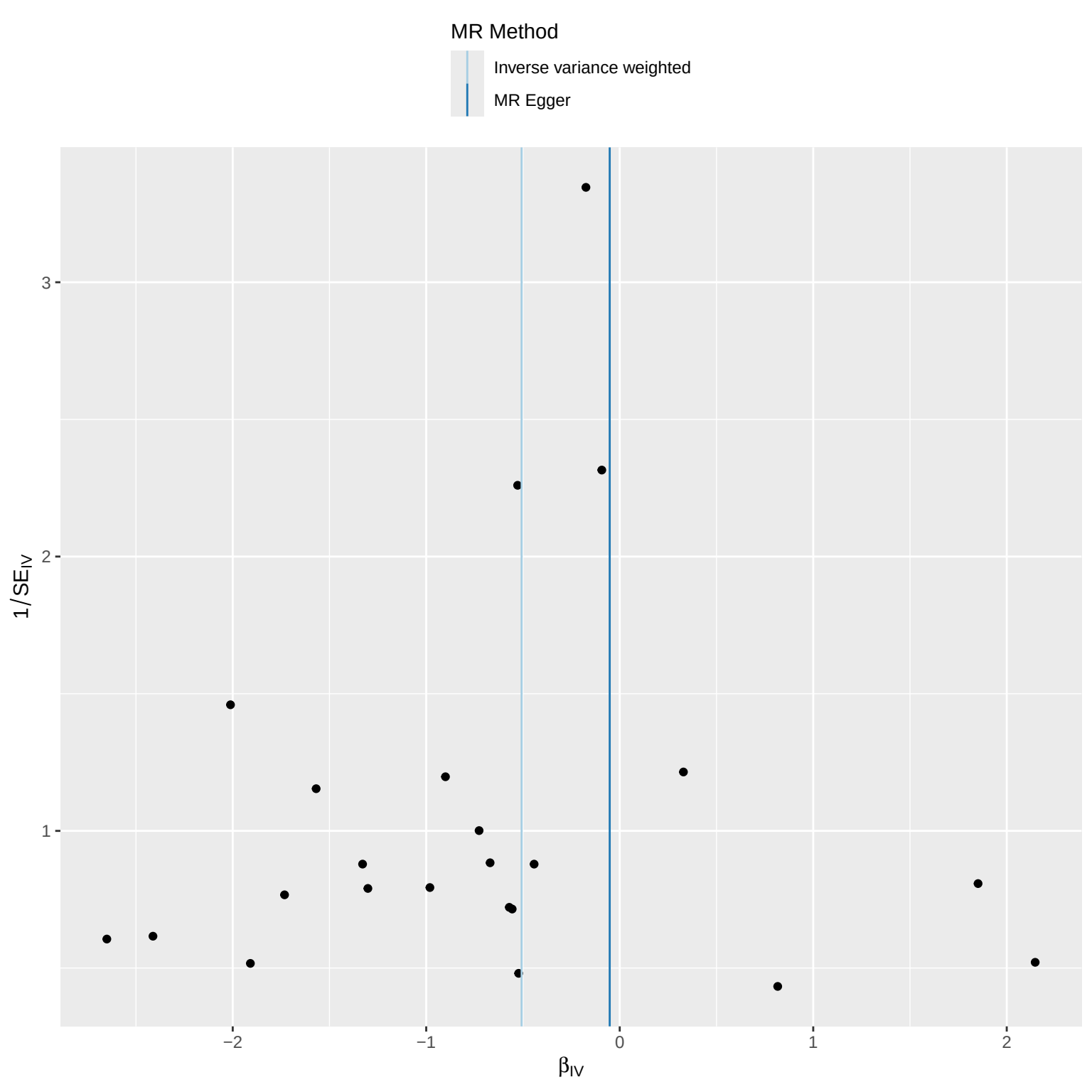

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

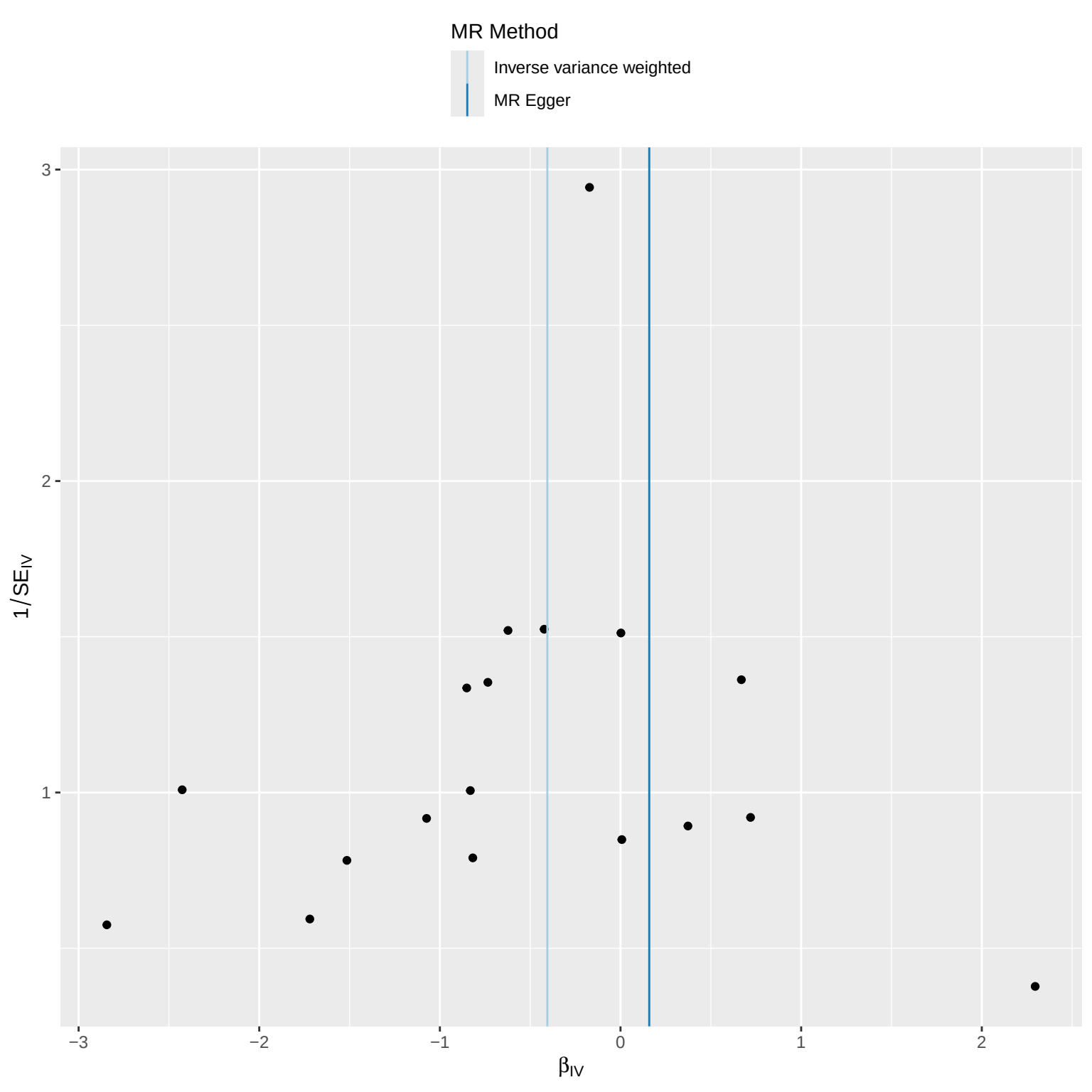

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

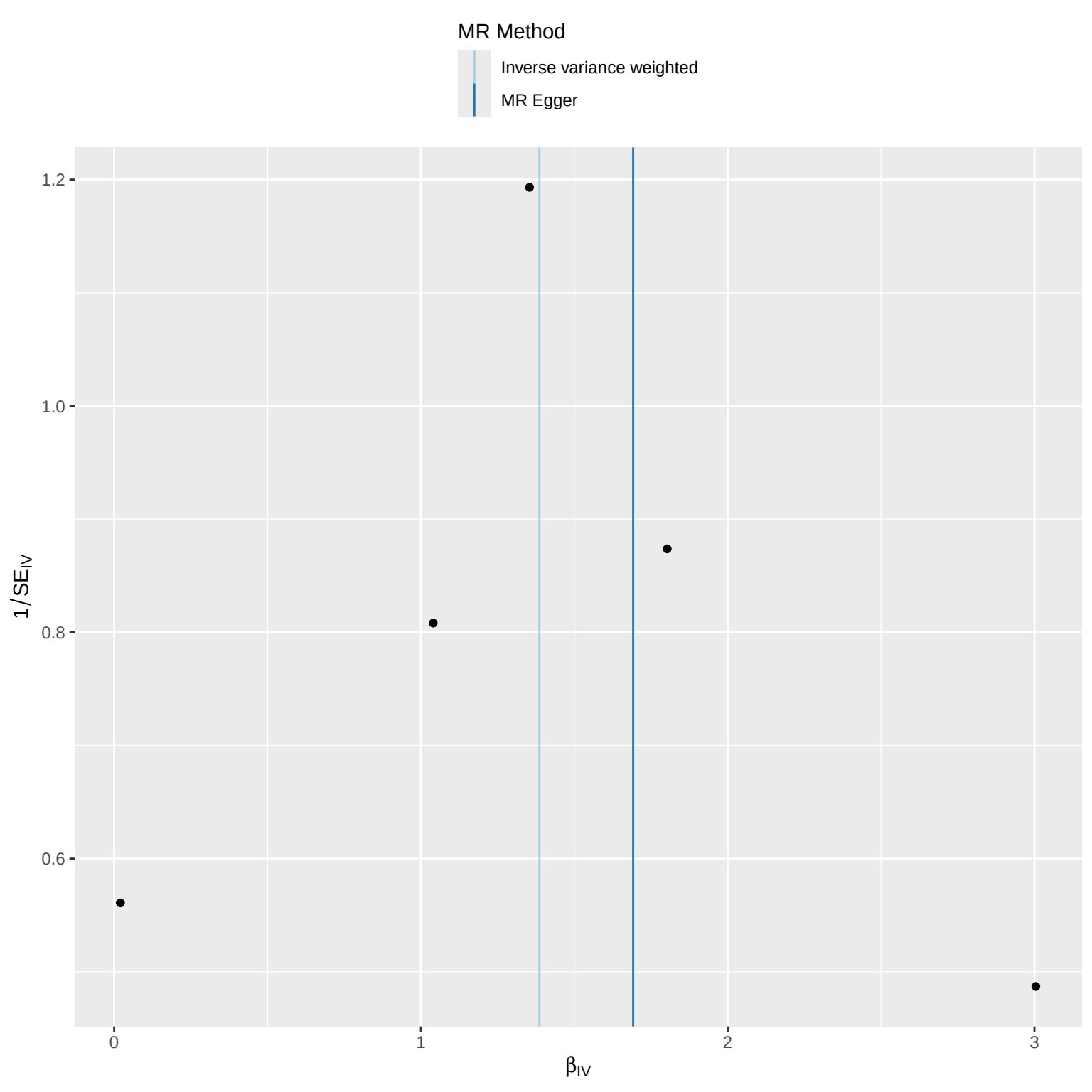

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

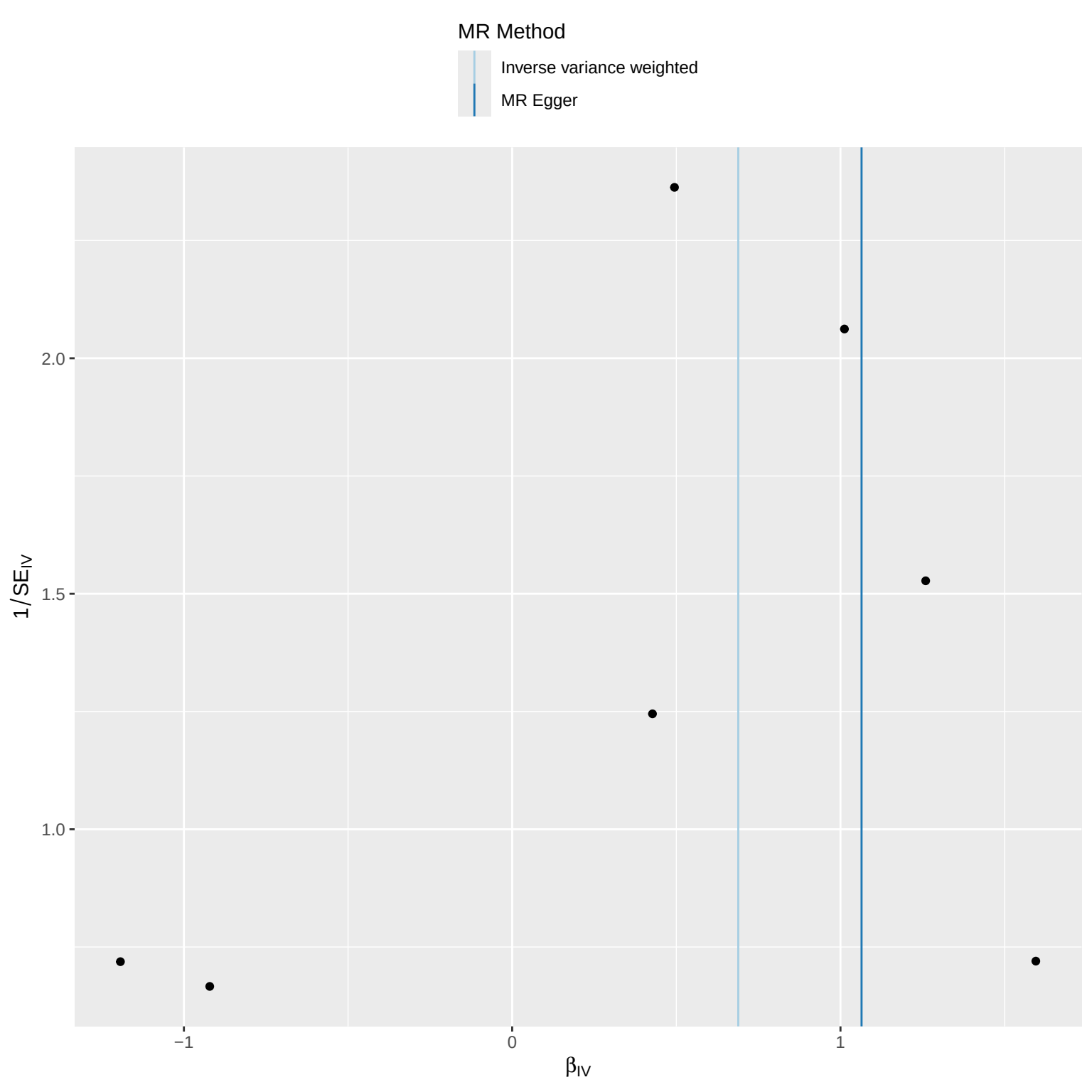

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

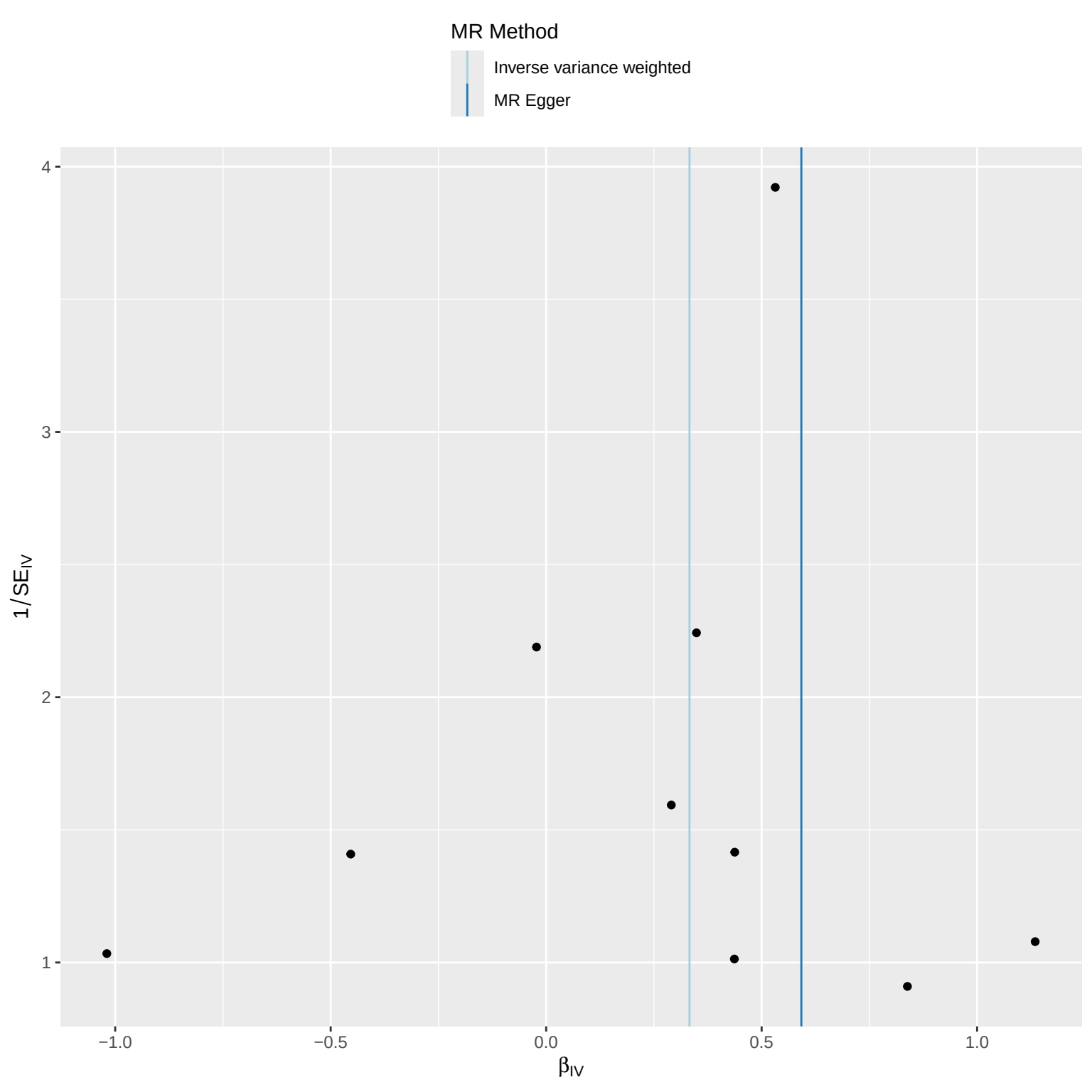

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

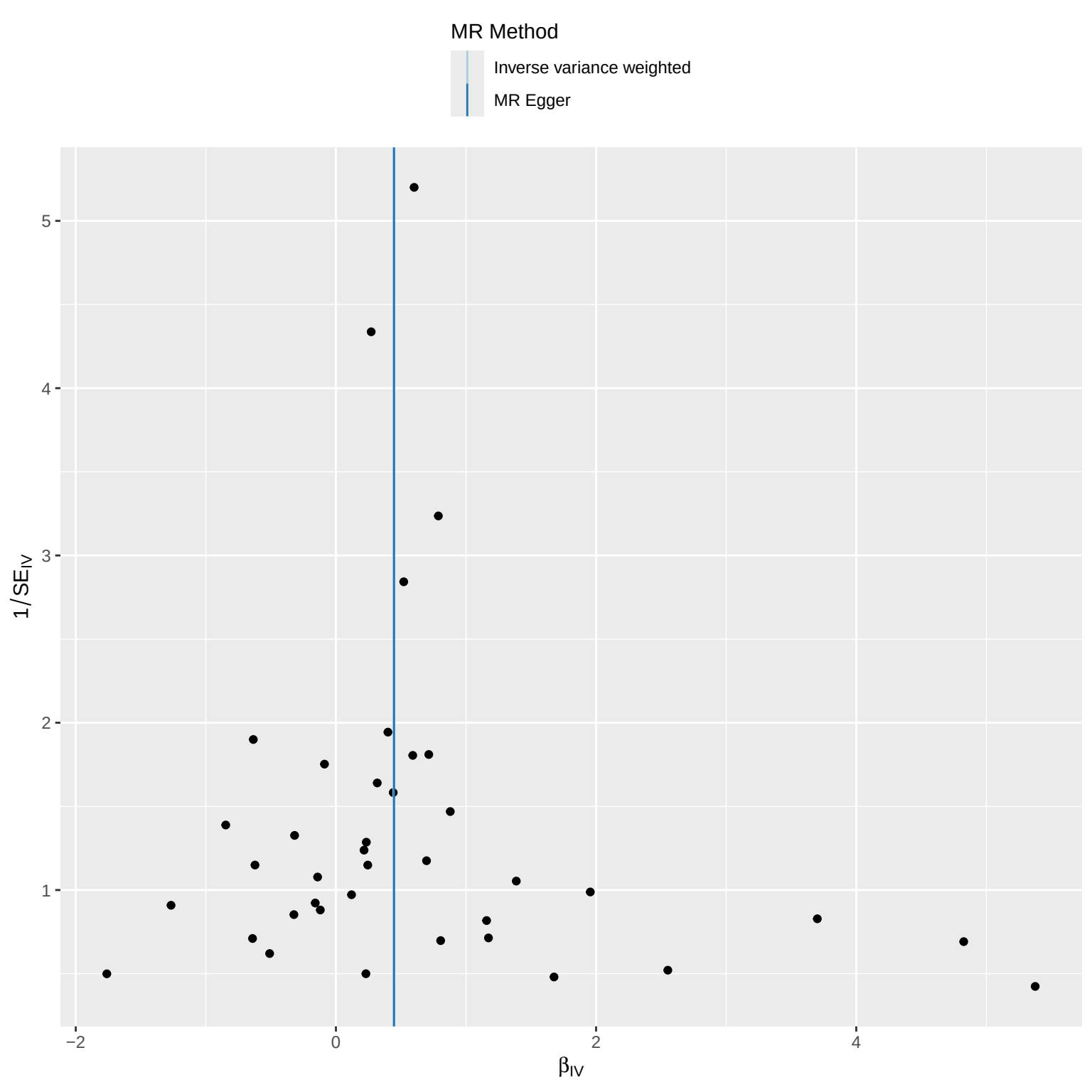

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

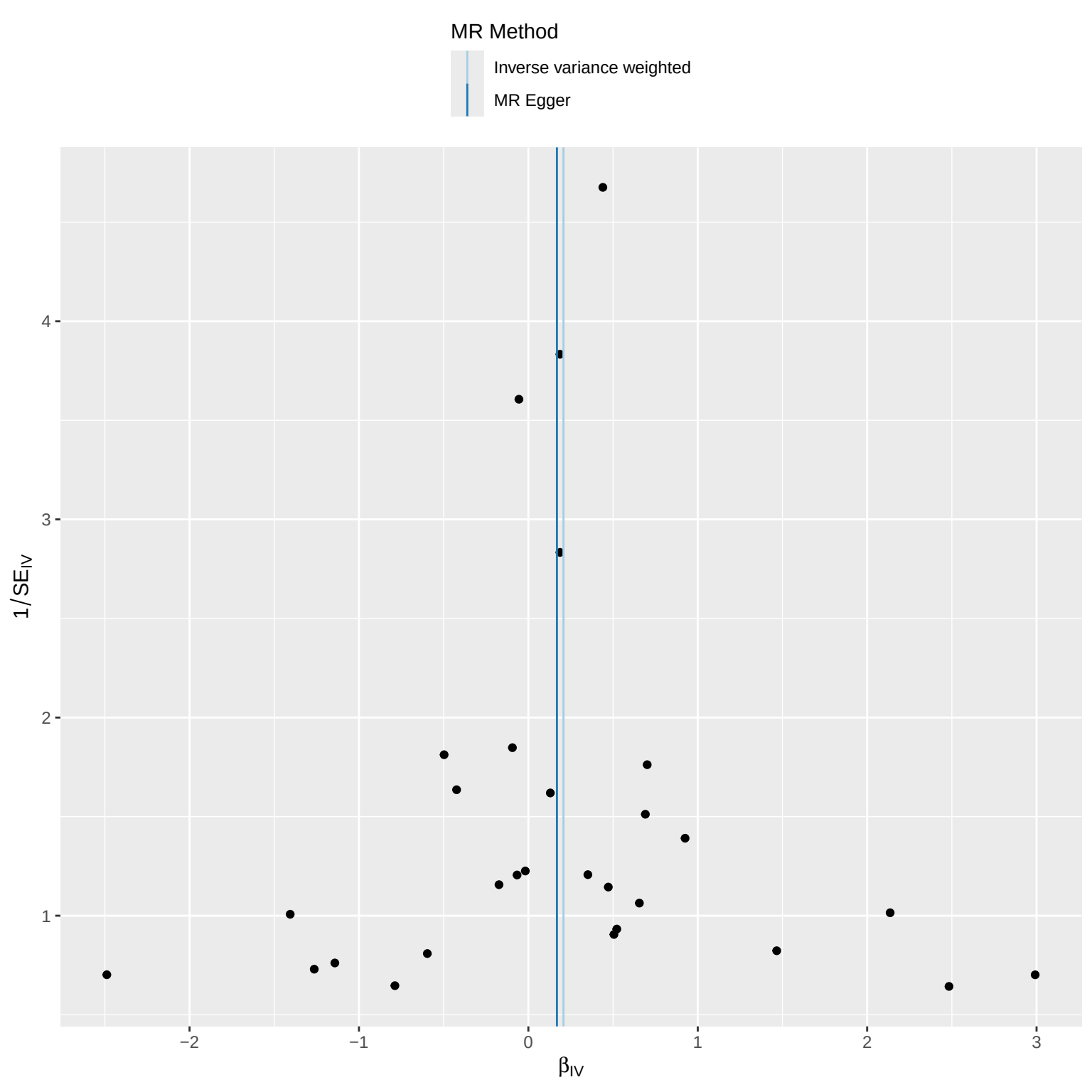

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−3
−2
−1
0
1
2
β_{IV}

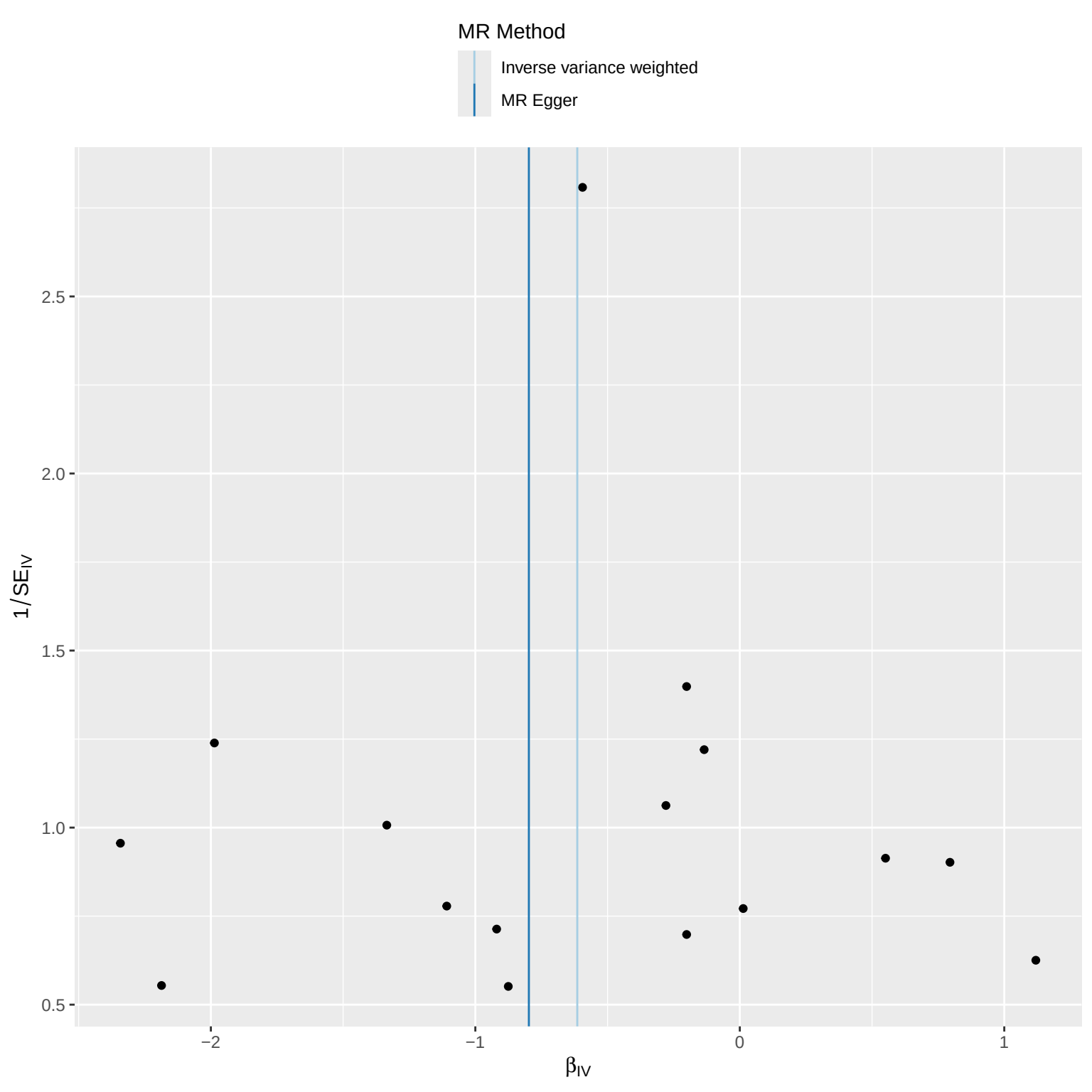

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

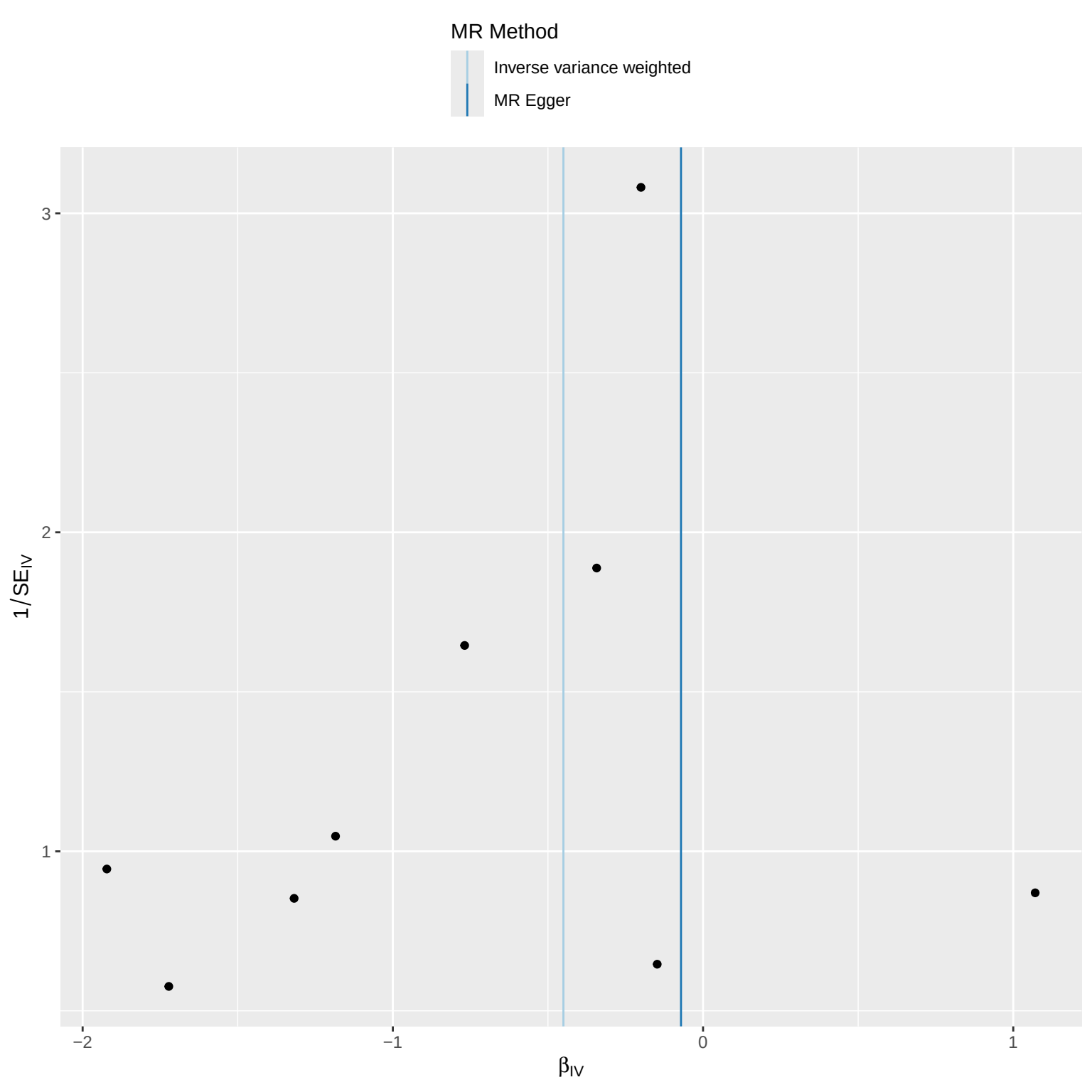

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

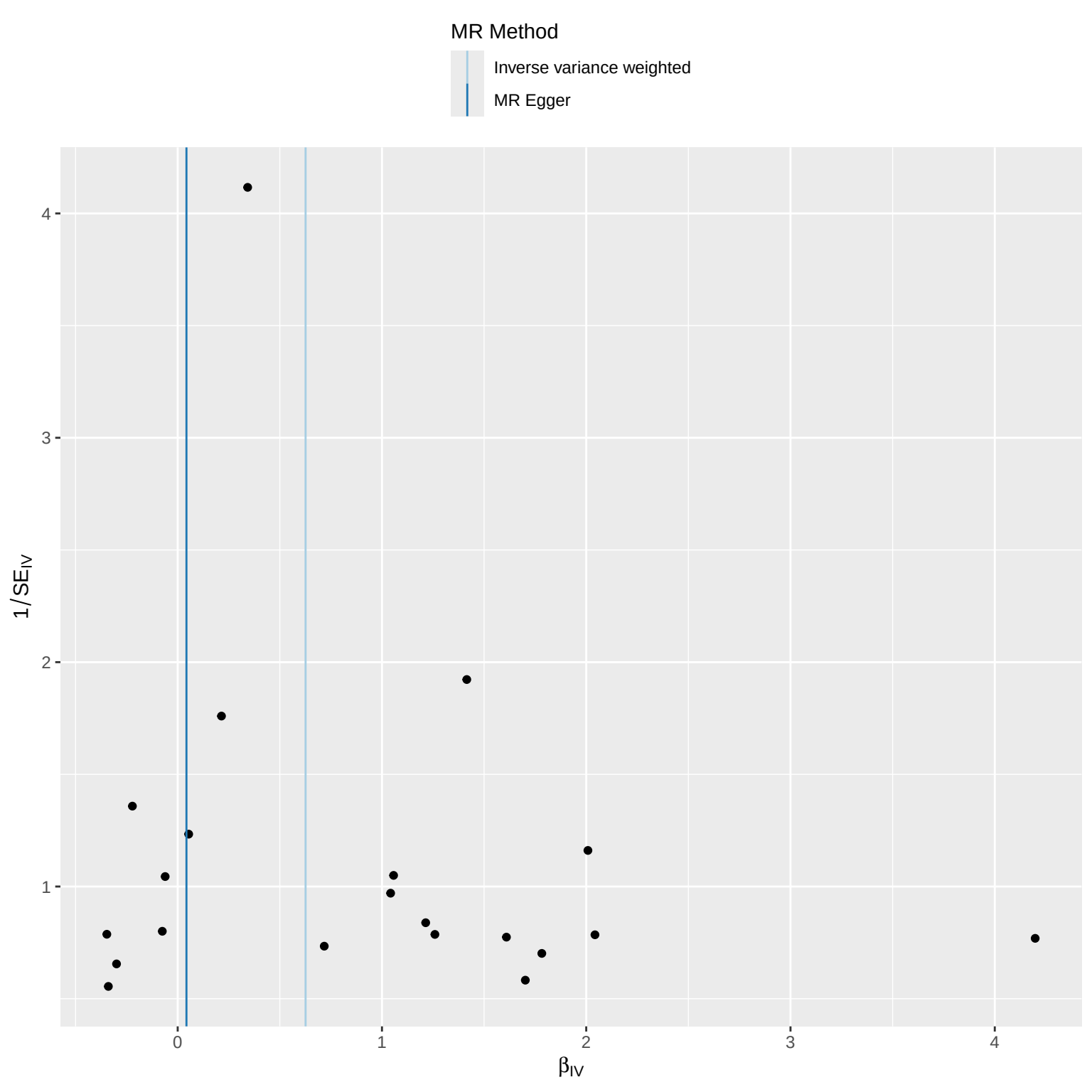

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

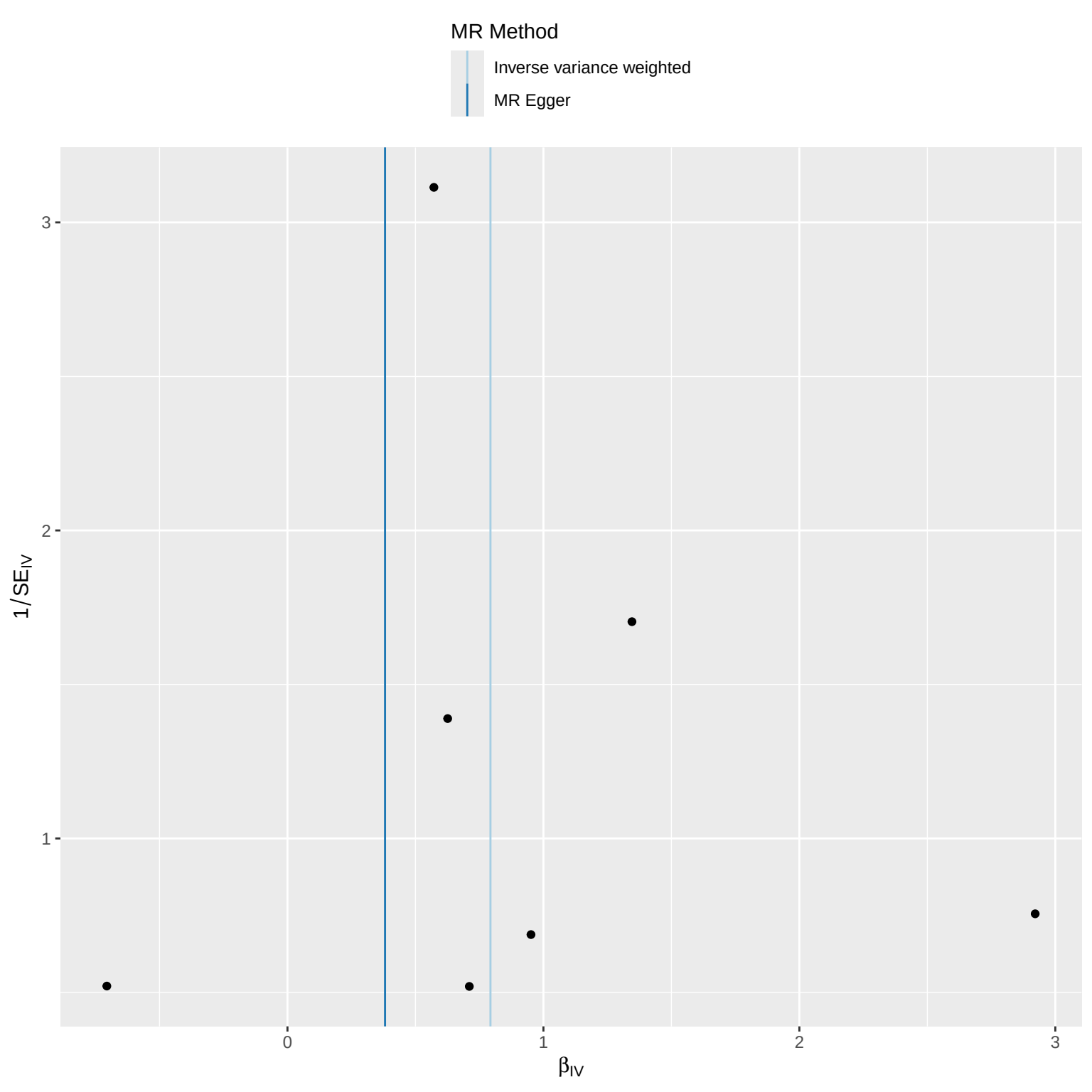

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

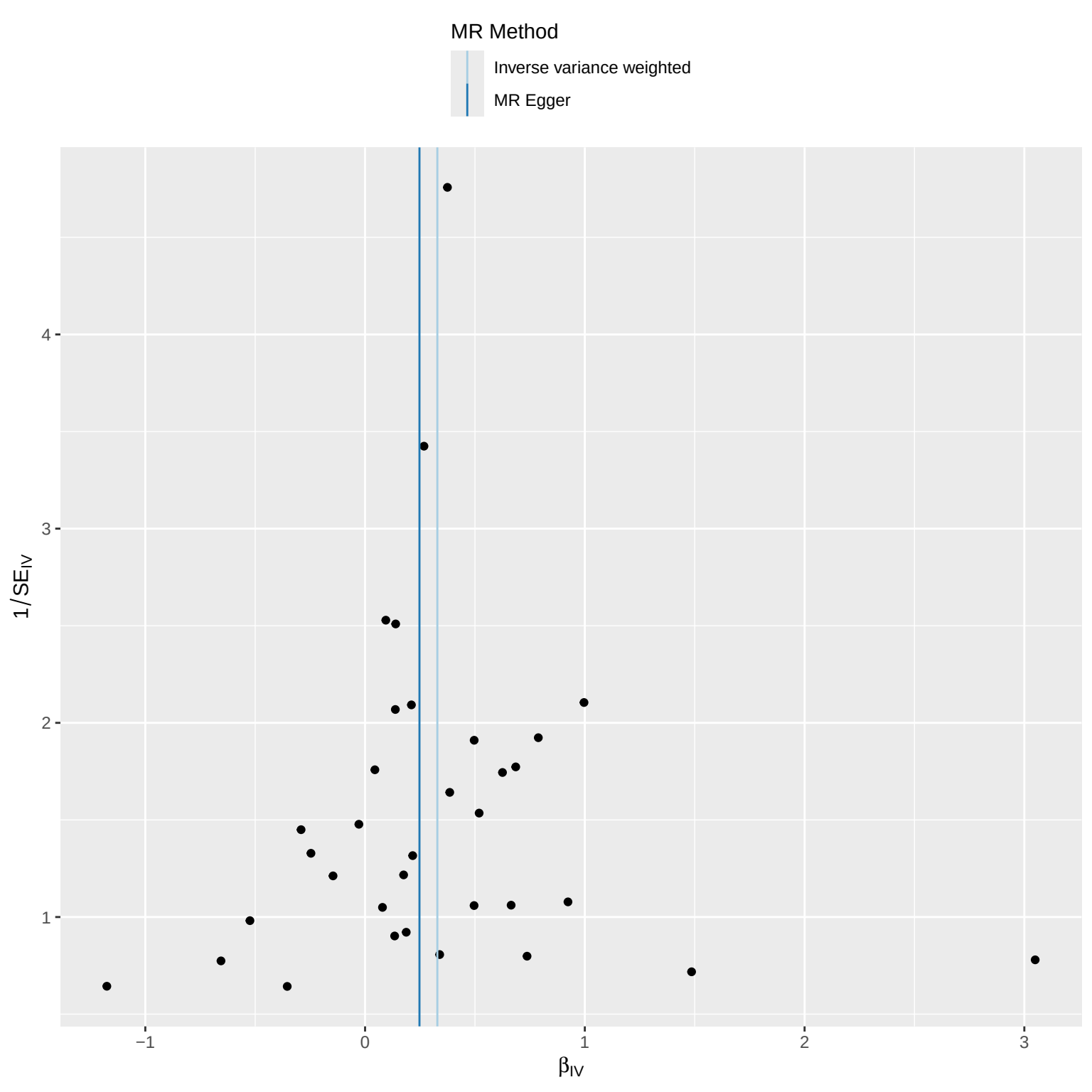

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

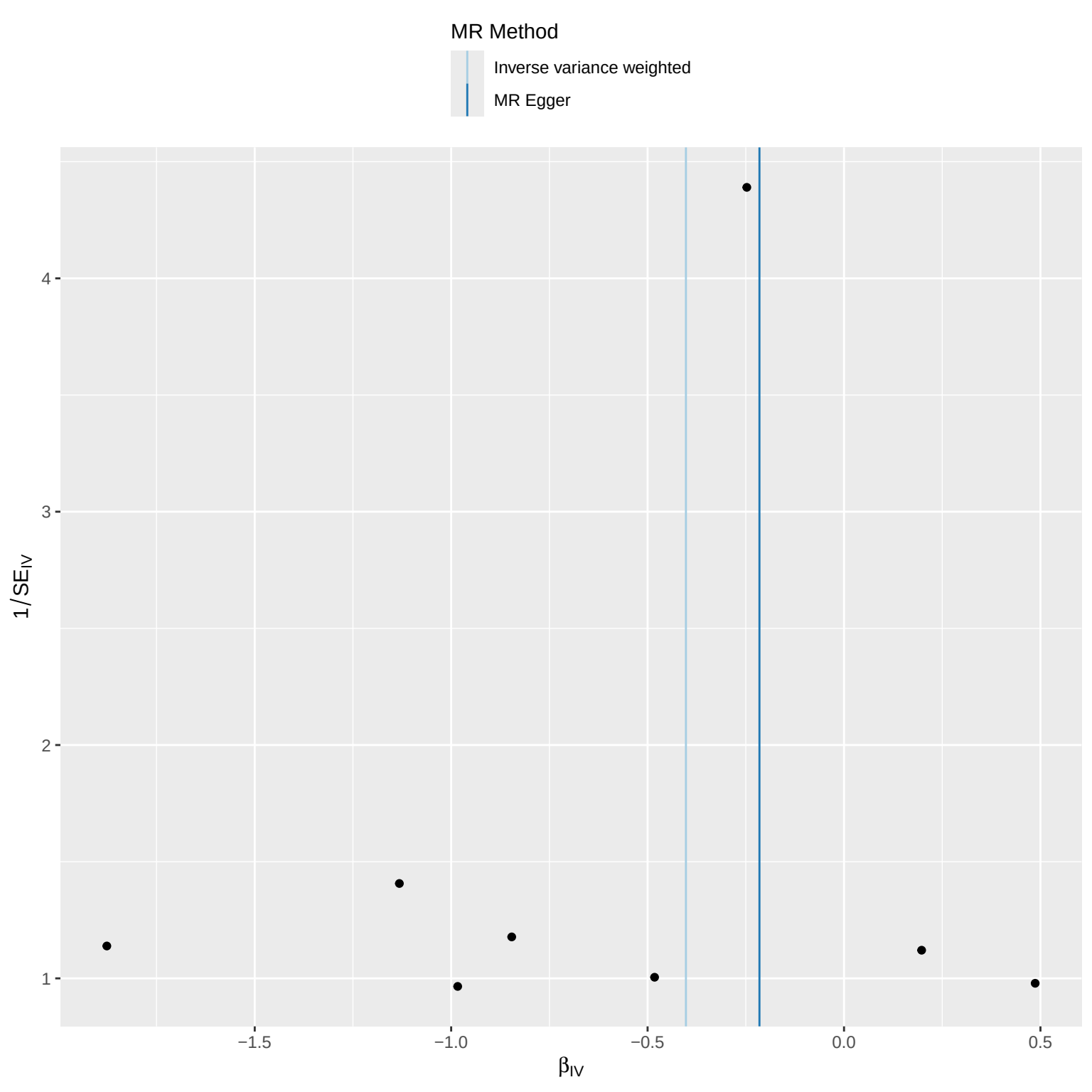

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

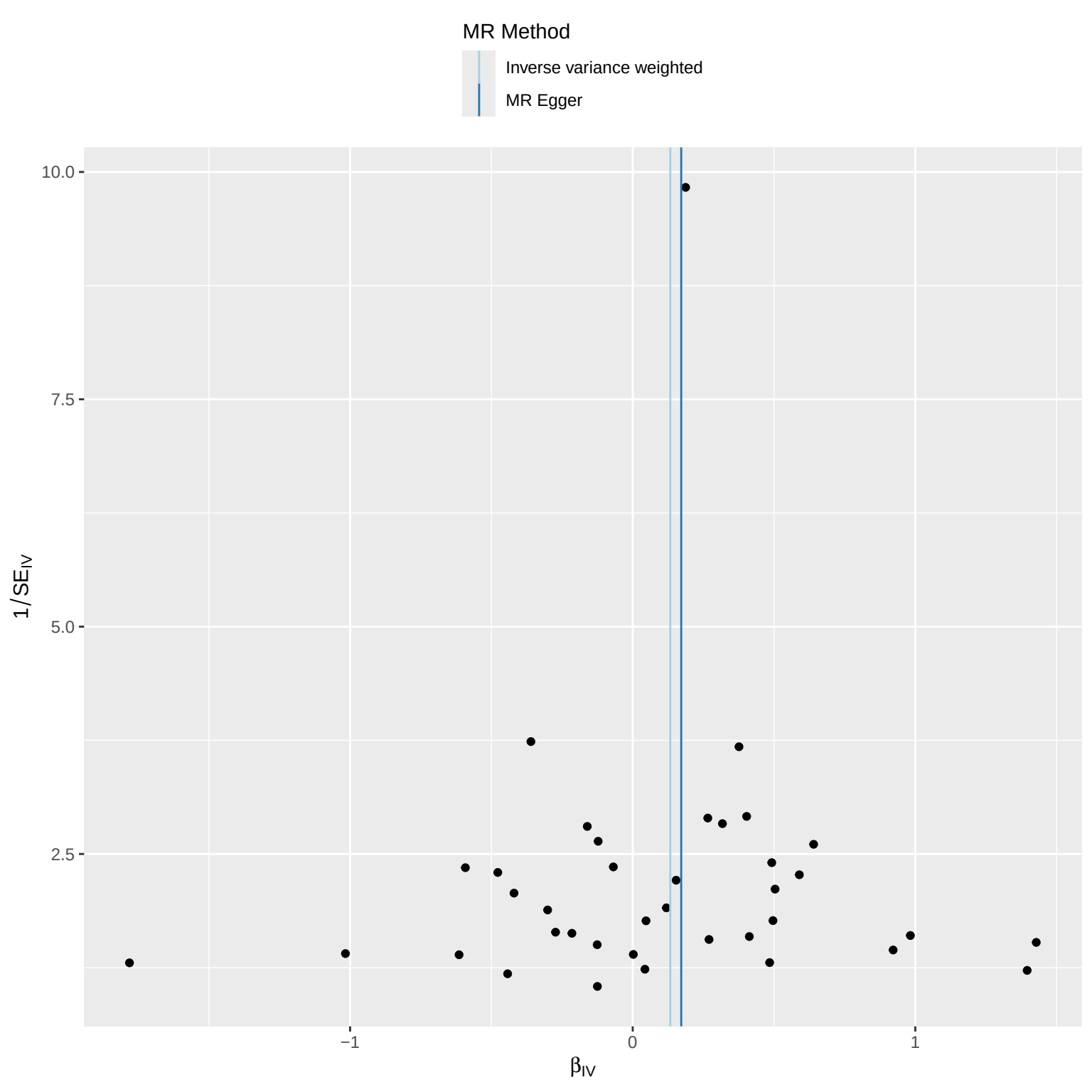

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

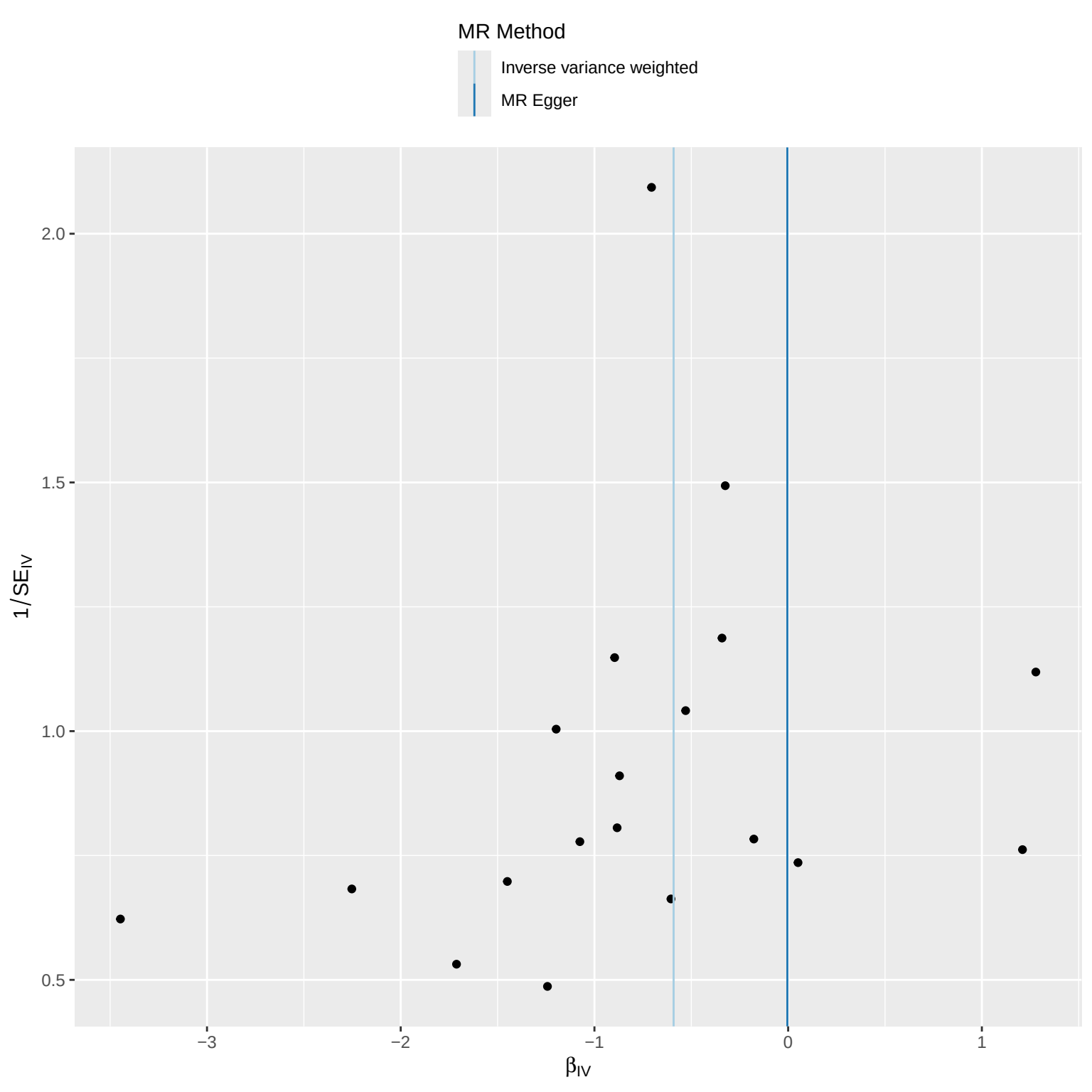

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
4
1/SE_IV
β_IV

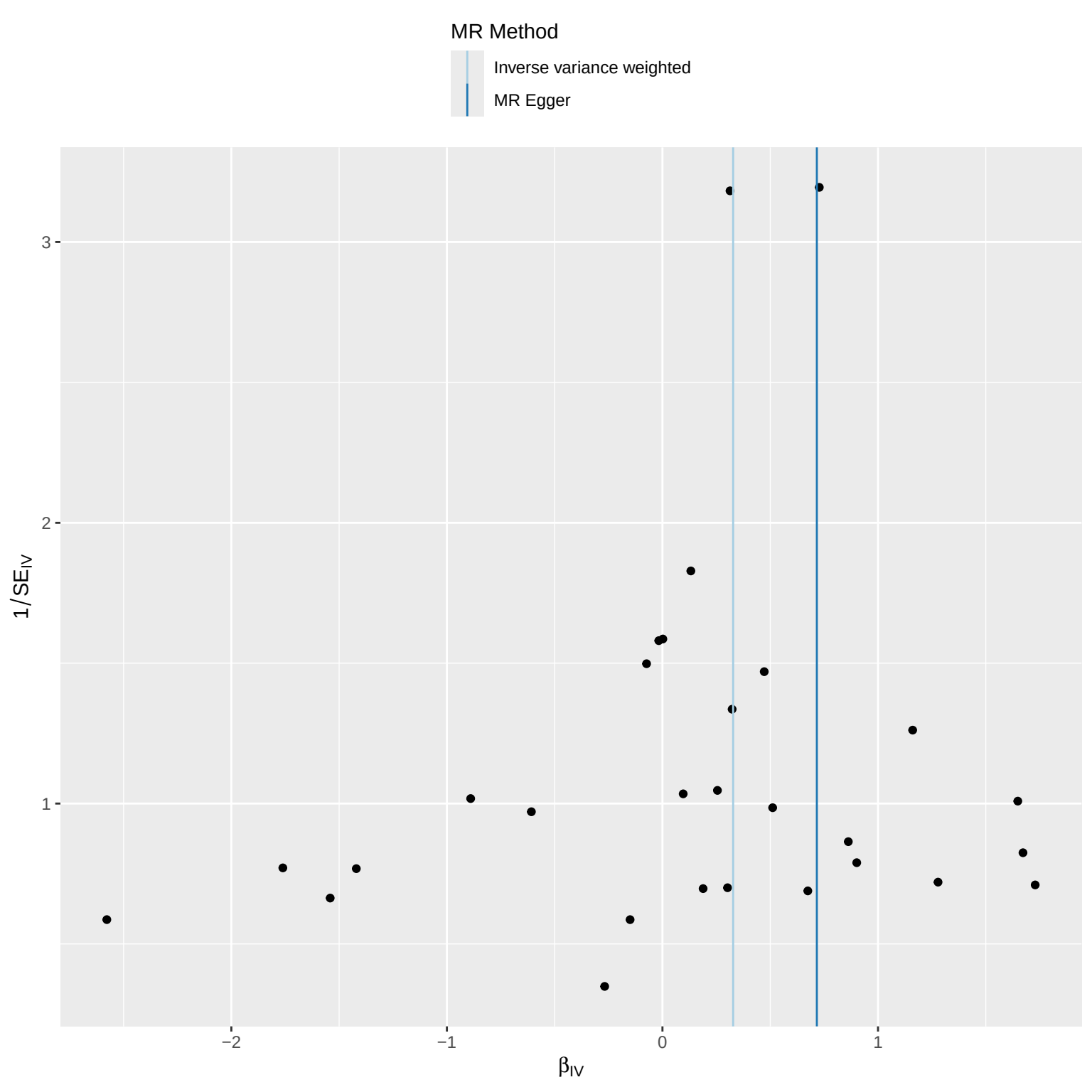

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
0
1
2
3
β_{IV}

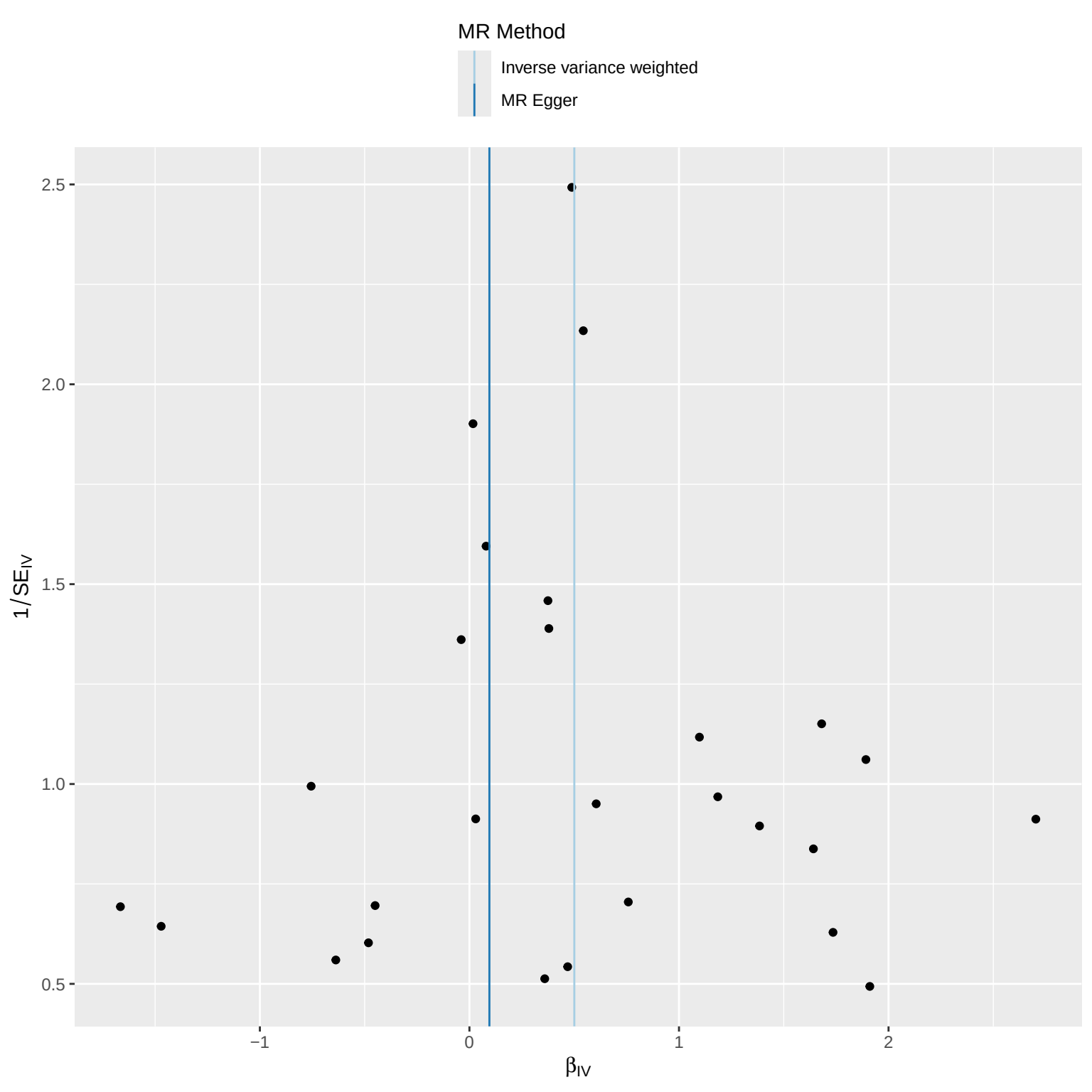

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

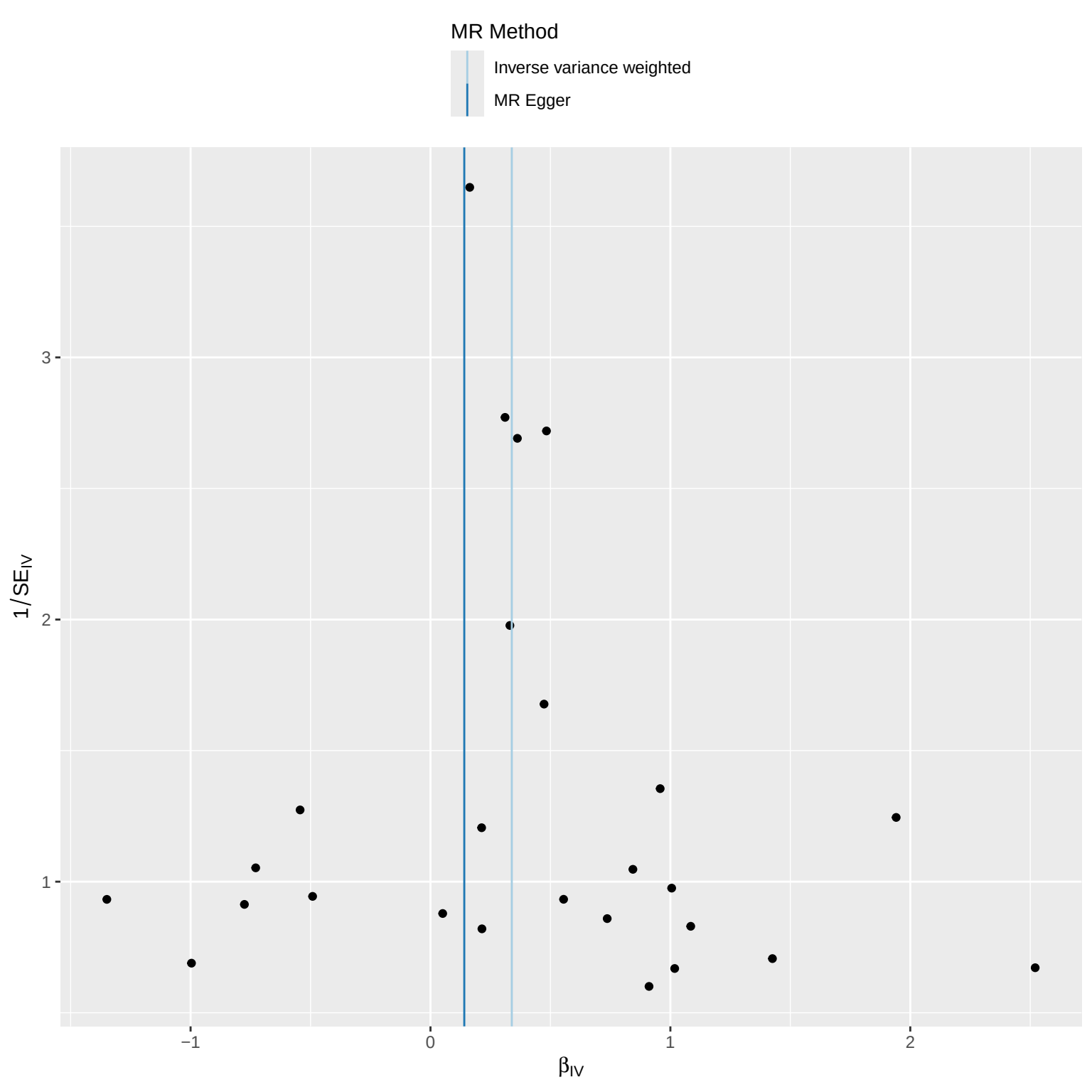

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

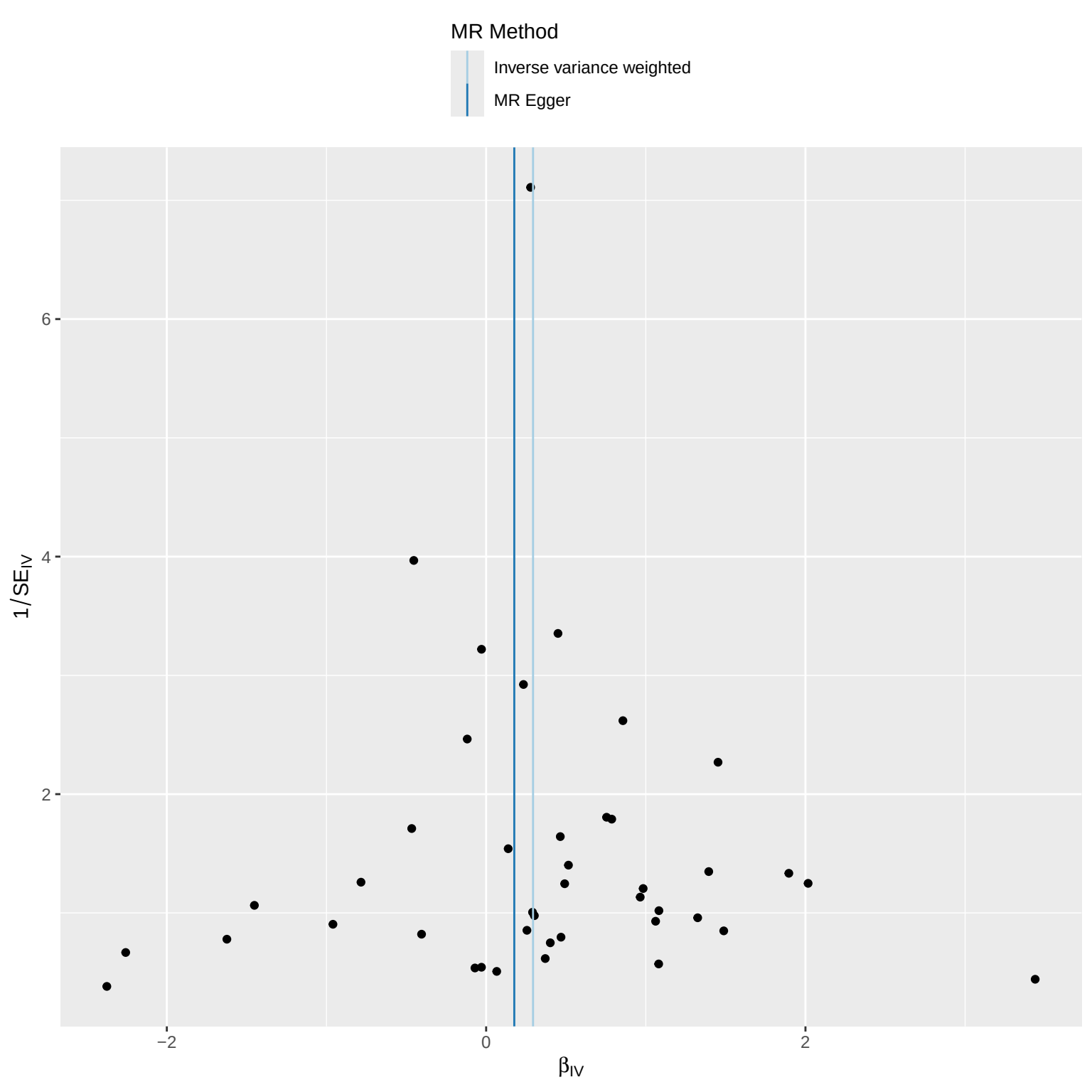

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

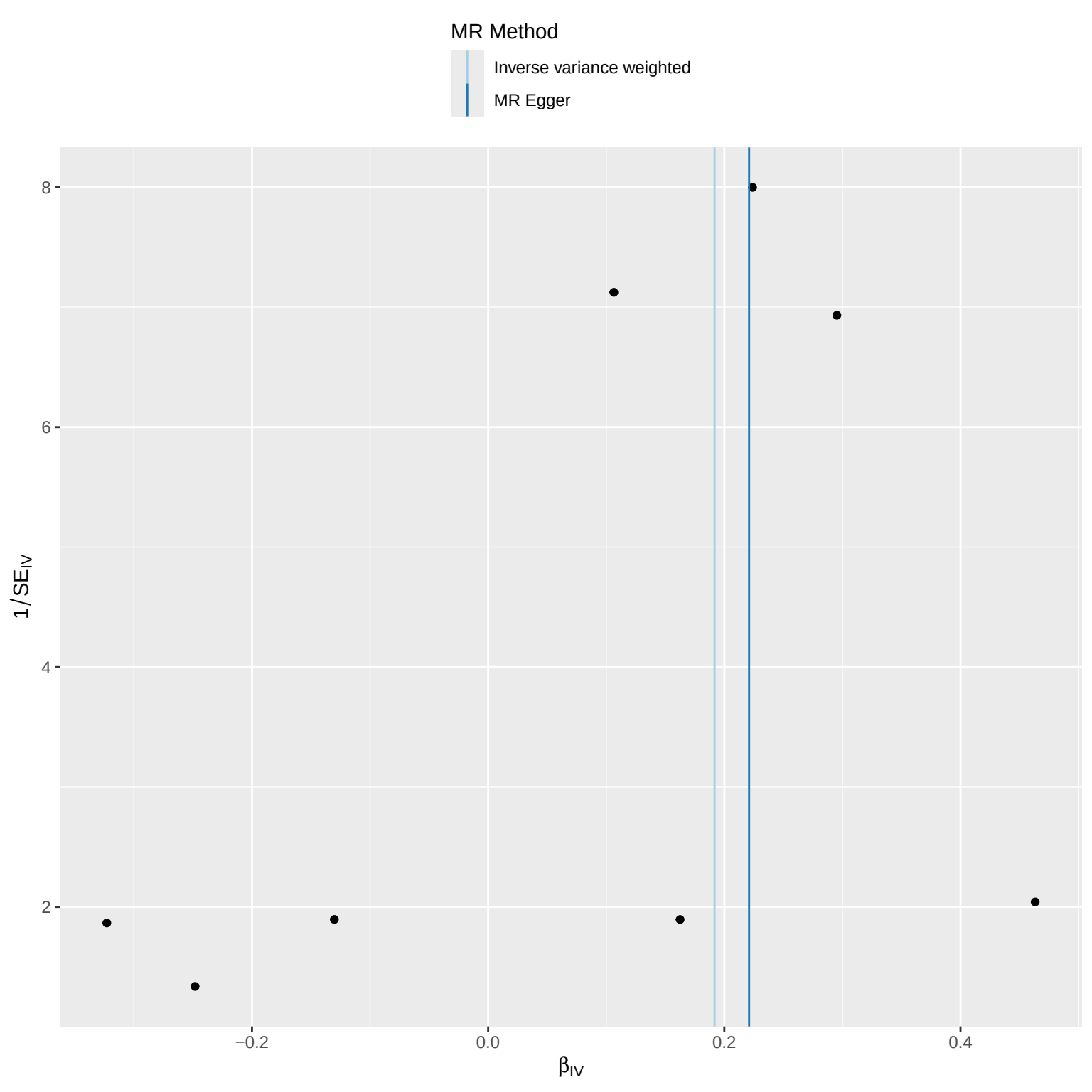

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

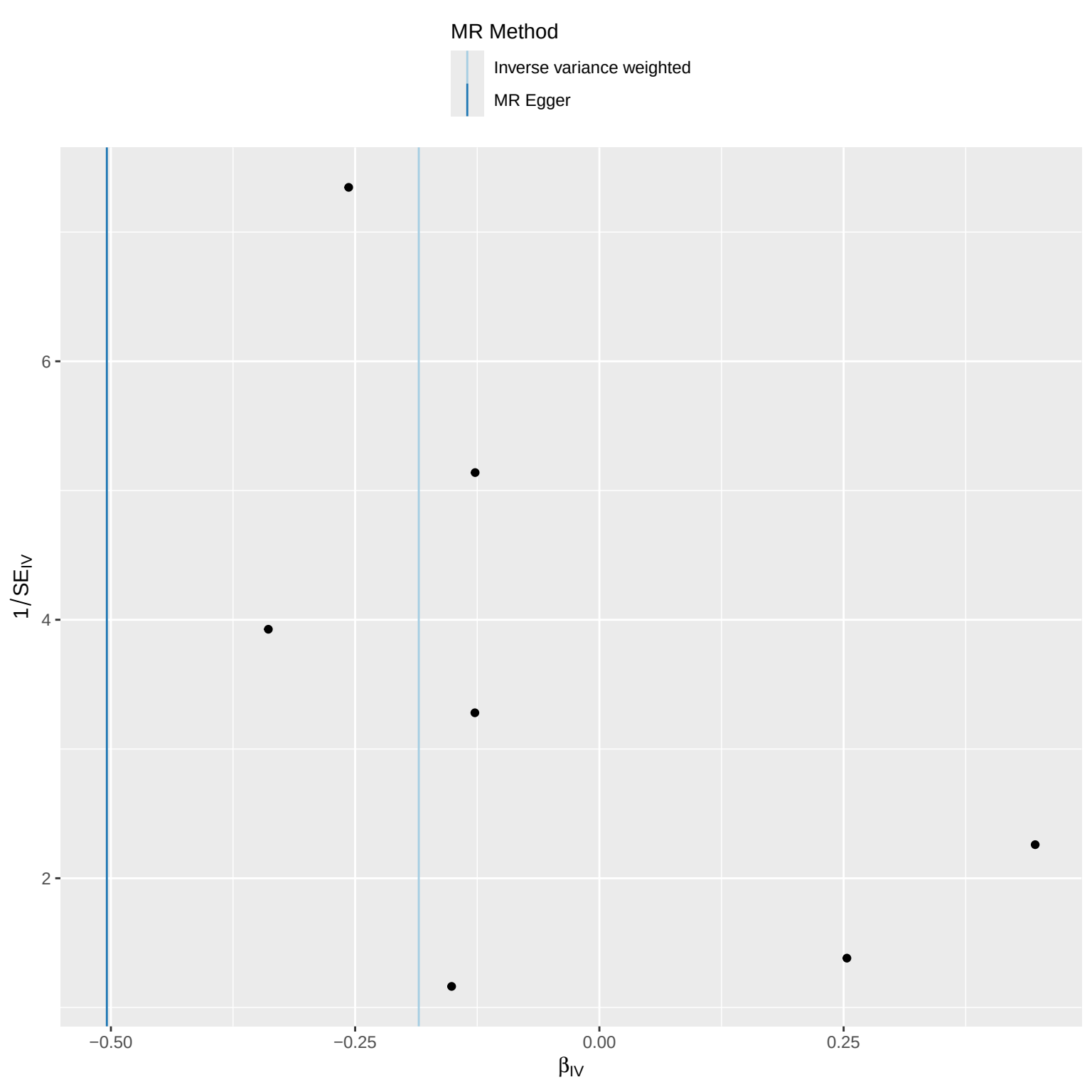

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

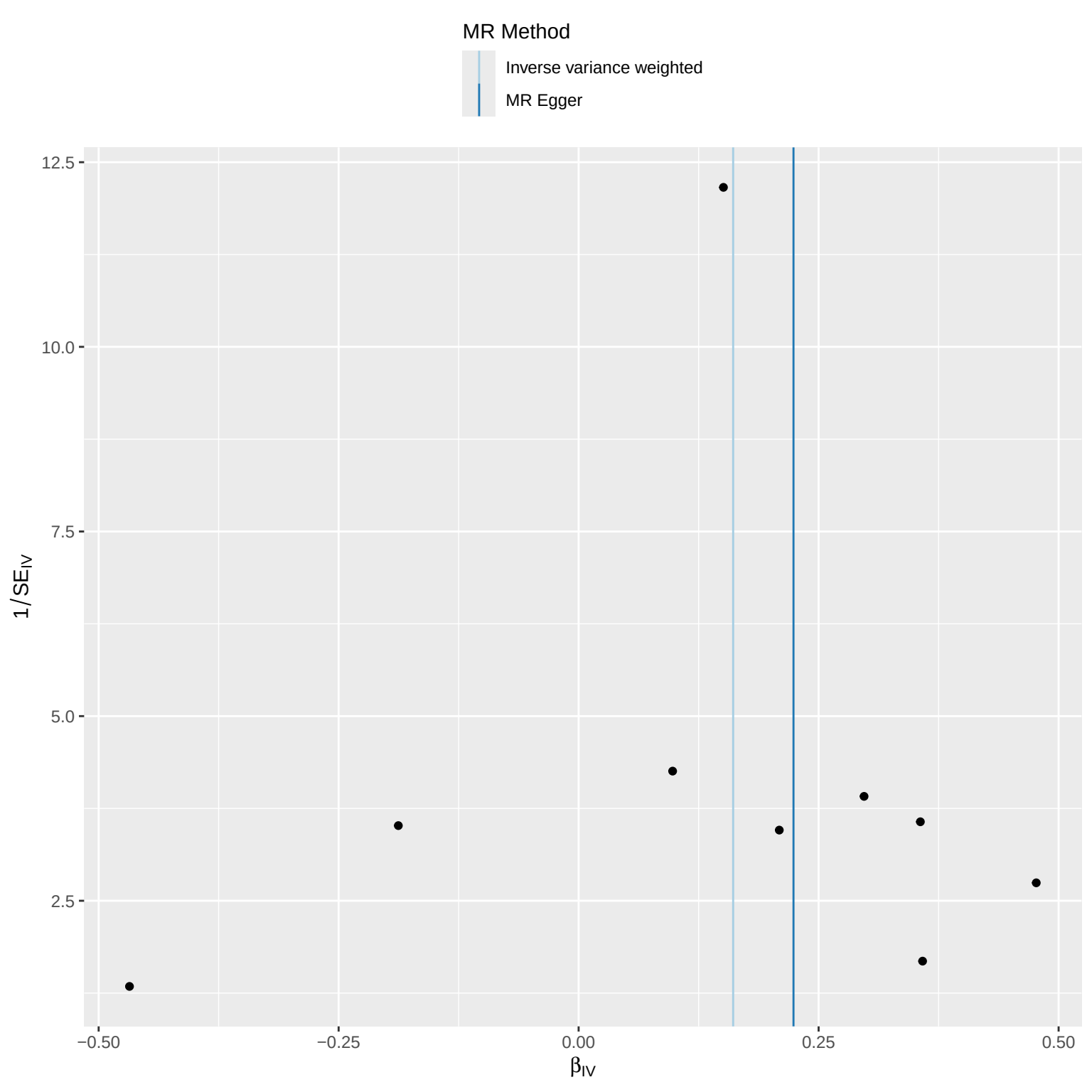

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

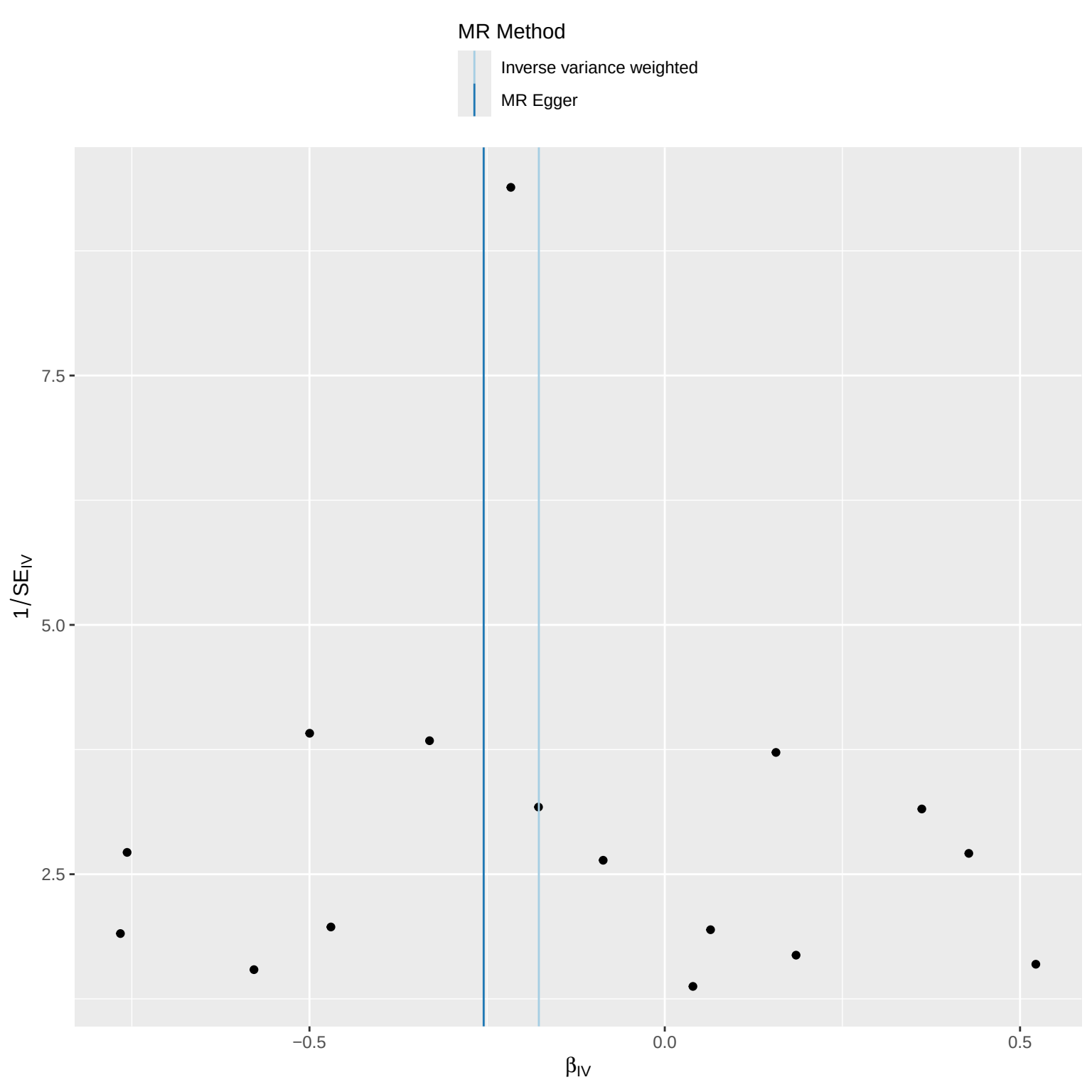

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

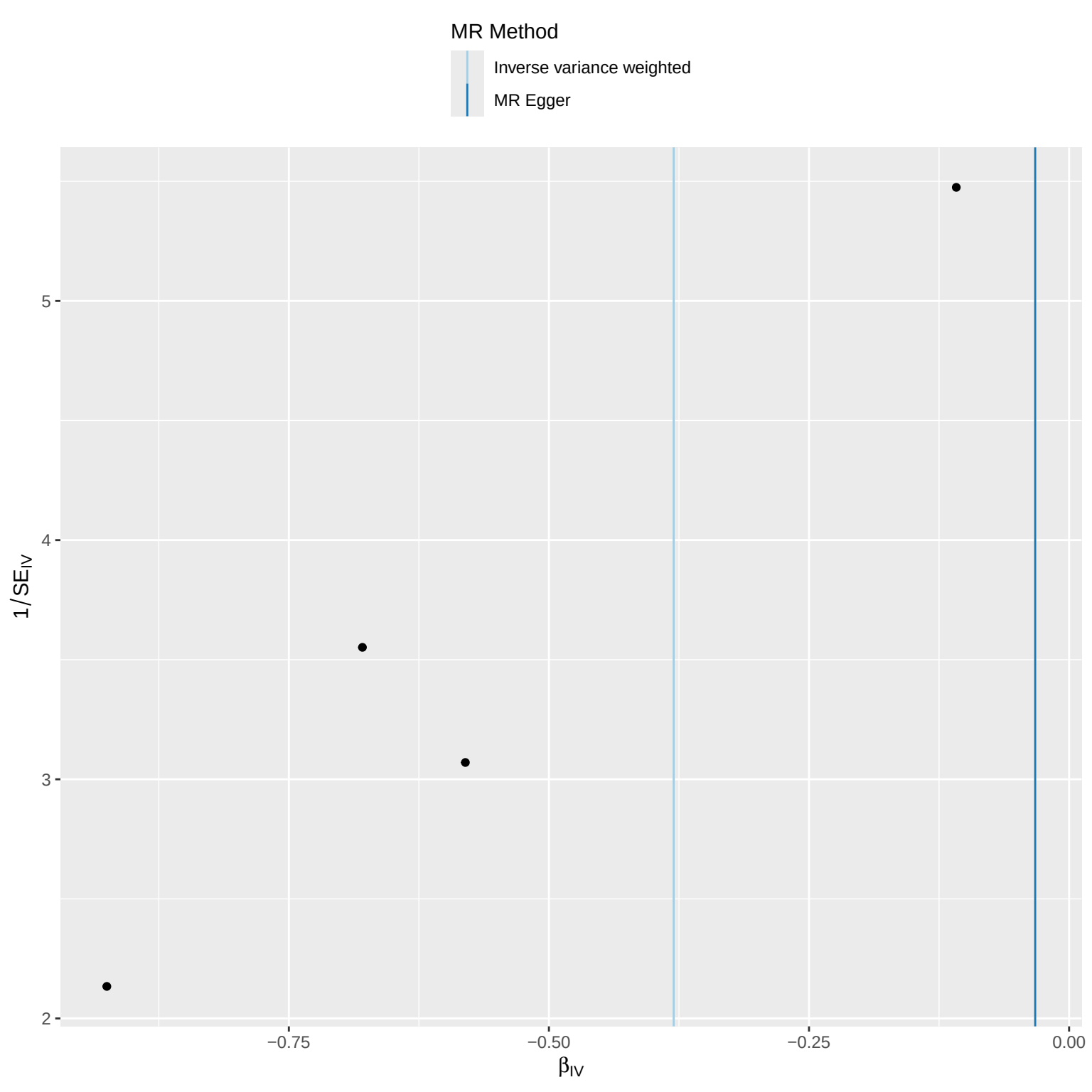

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

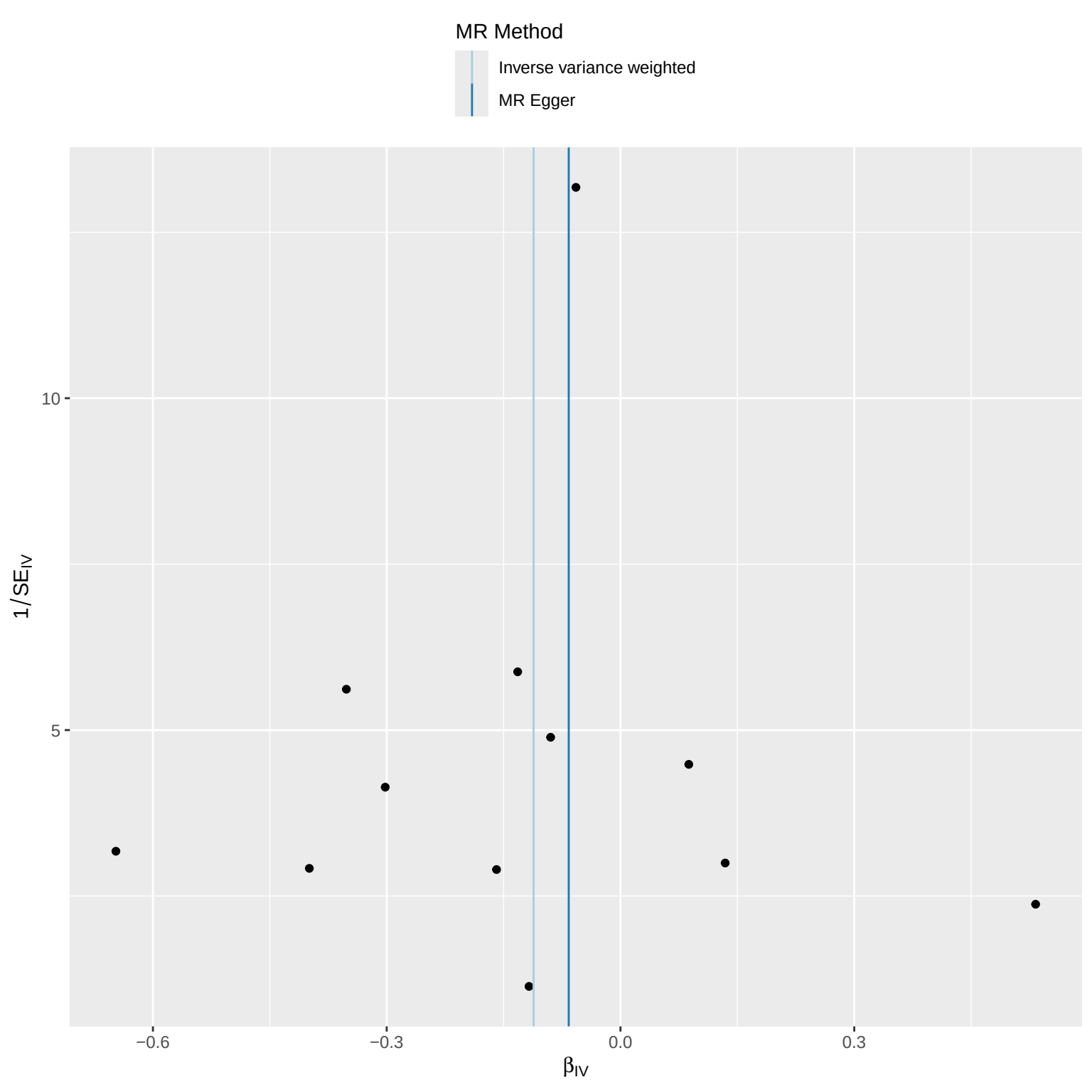

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.2
0.0
0.2
0.4
β_IV

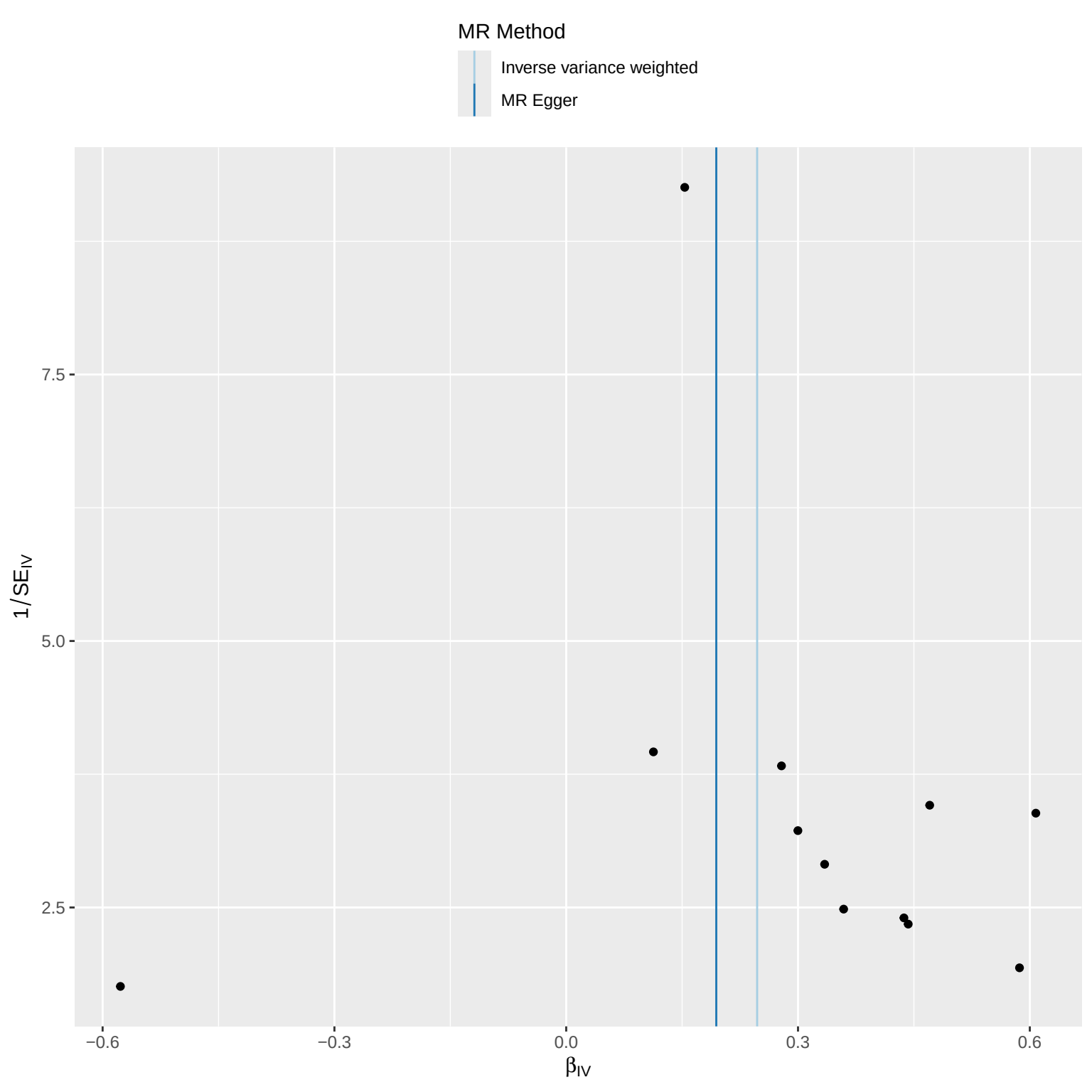

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.50
−0.25
0.00
0.25
β_IV

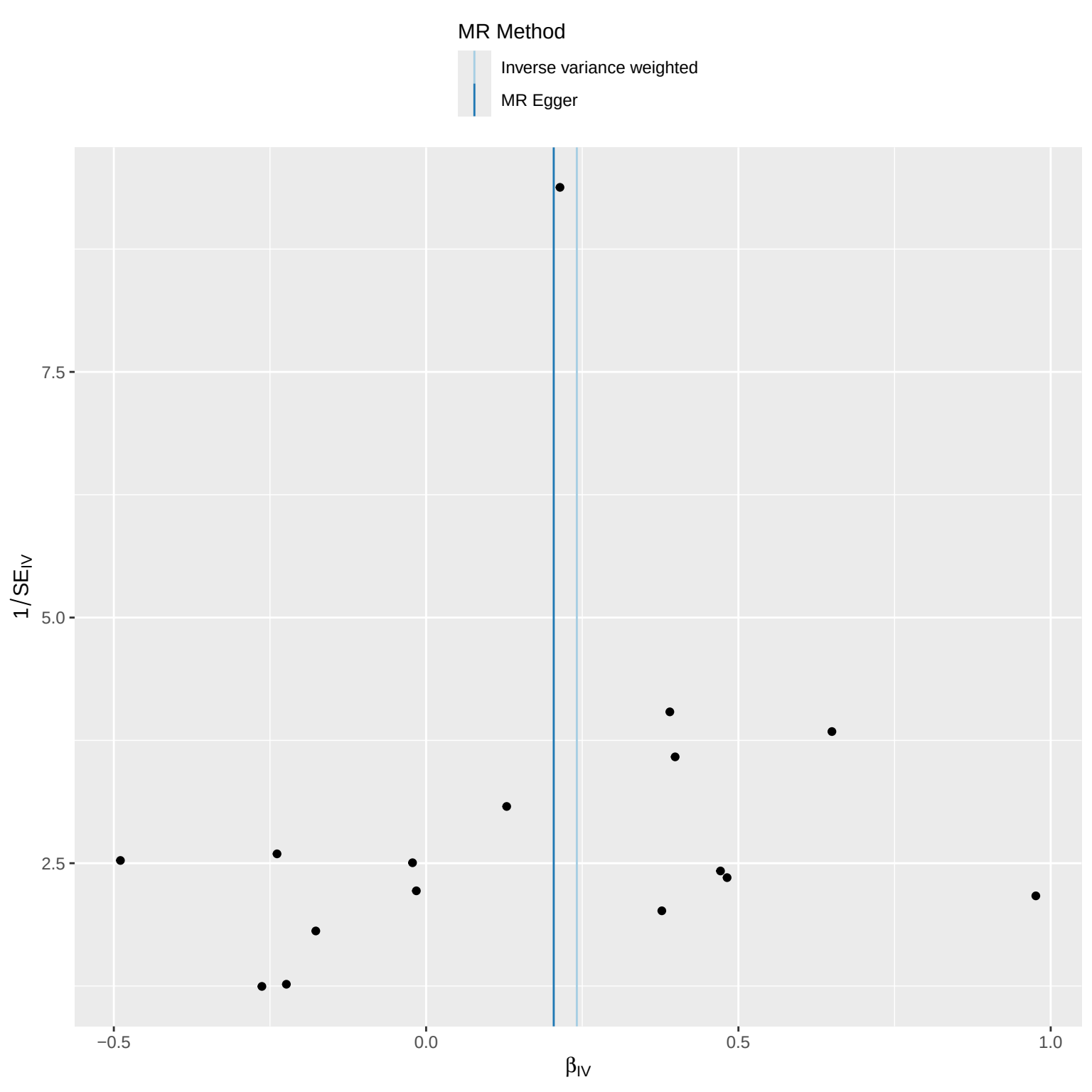

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.50
−0.25
0.00
0.25
0.50
β_IV

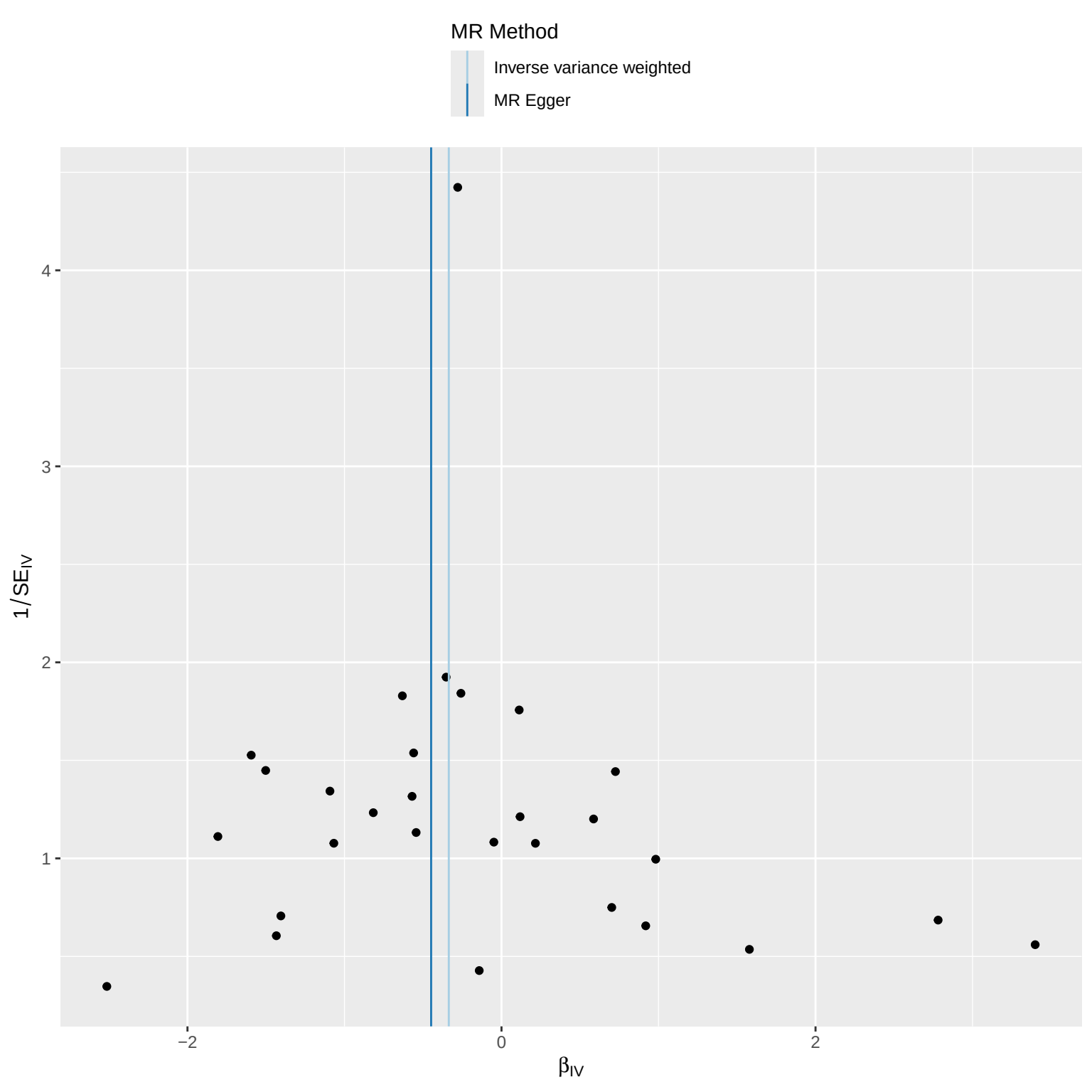

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

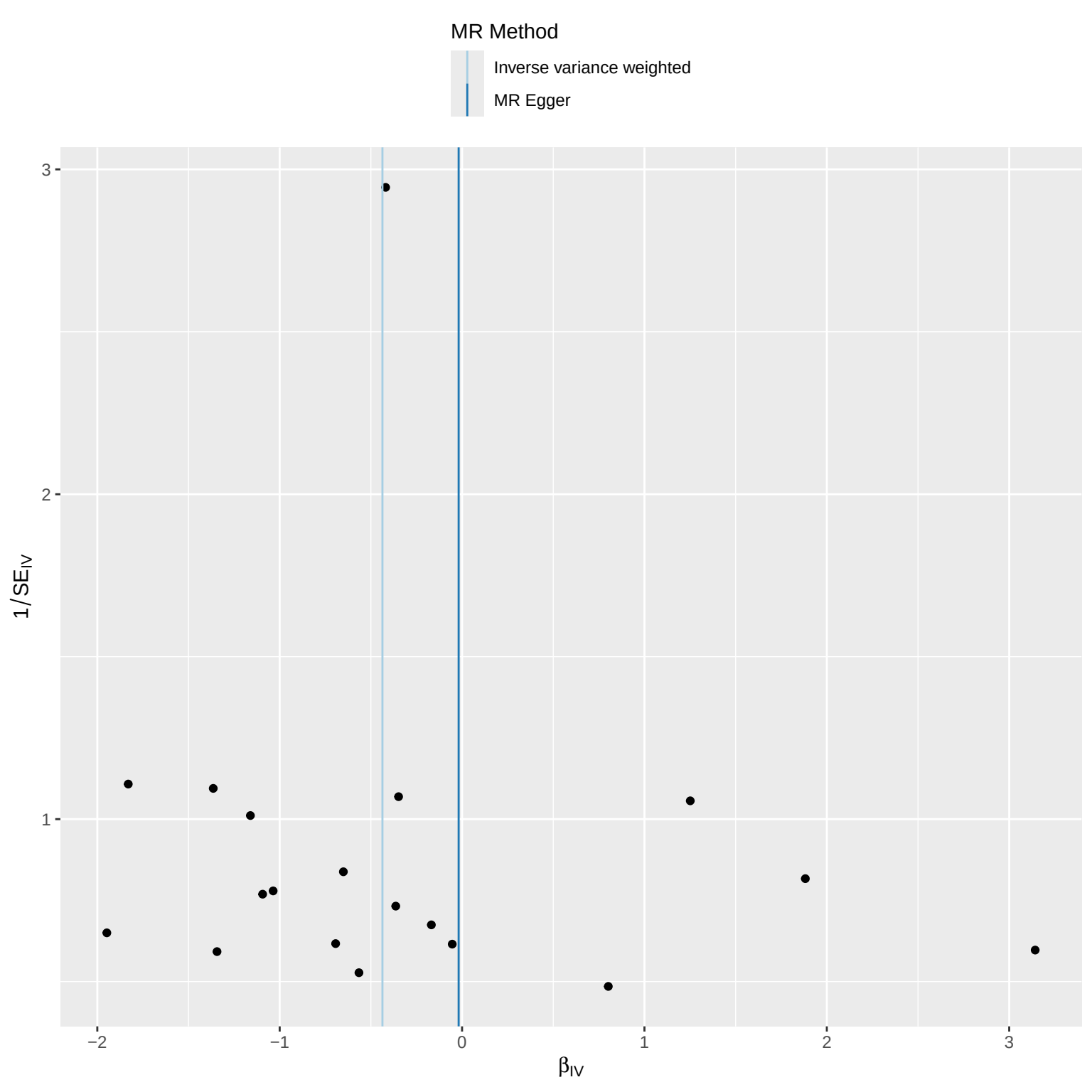

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

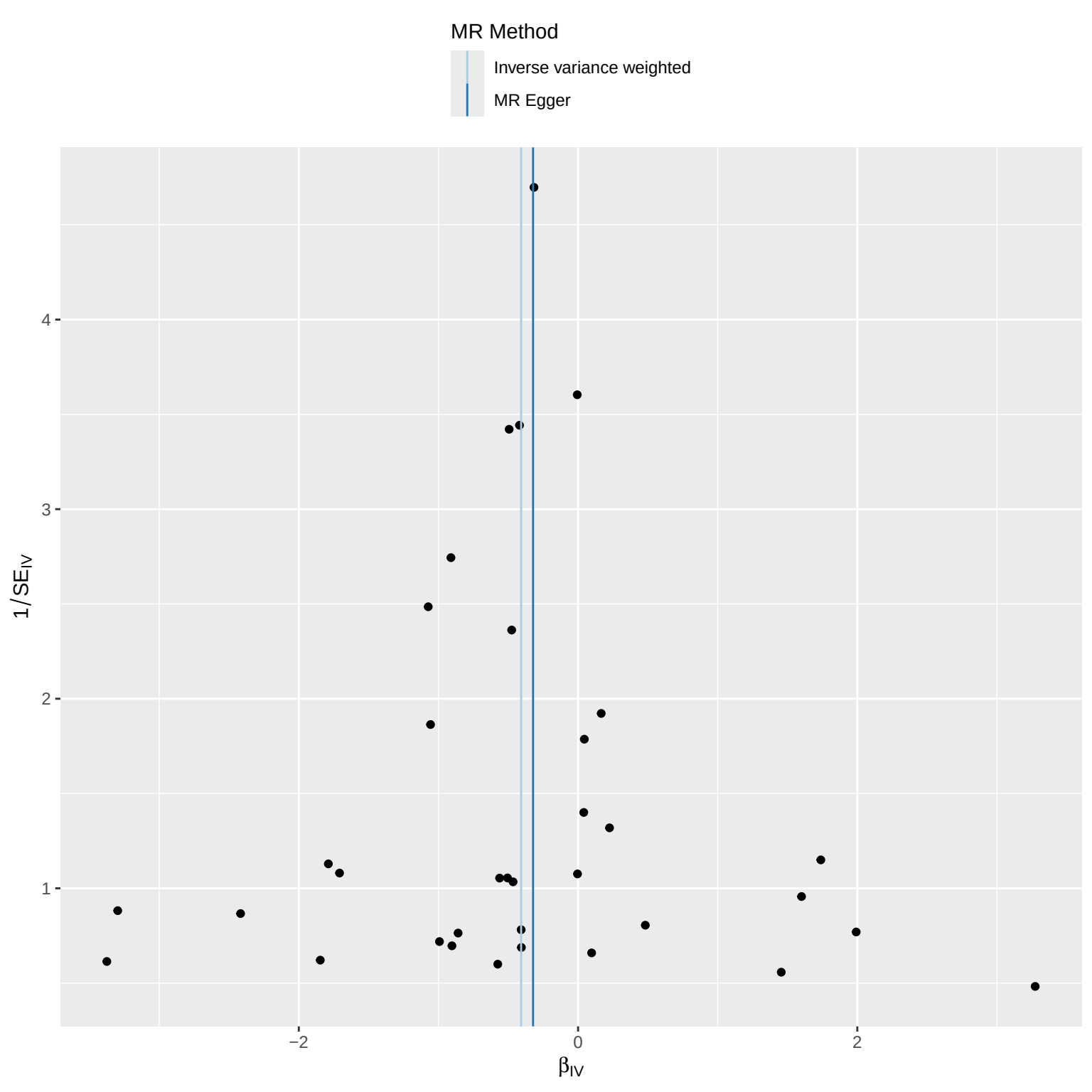

MR Method
Inverse variance weighted
MR Egger
10
5
1/SE_IV
−0.6
−0.3
0.0
0.3
β_IV

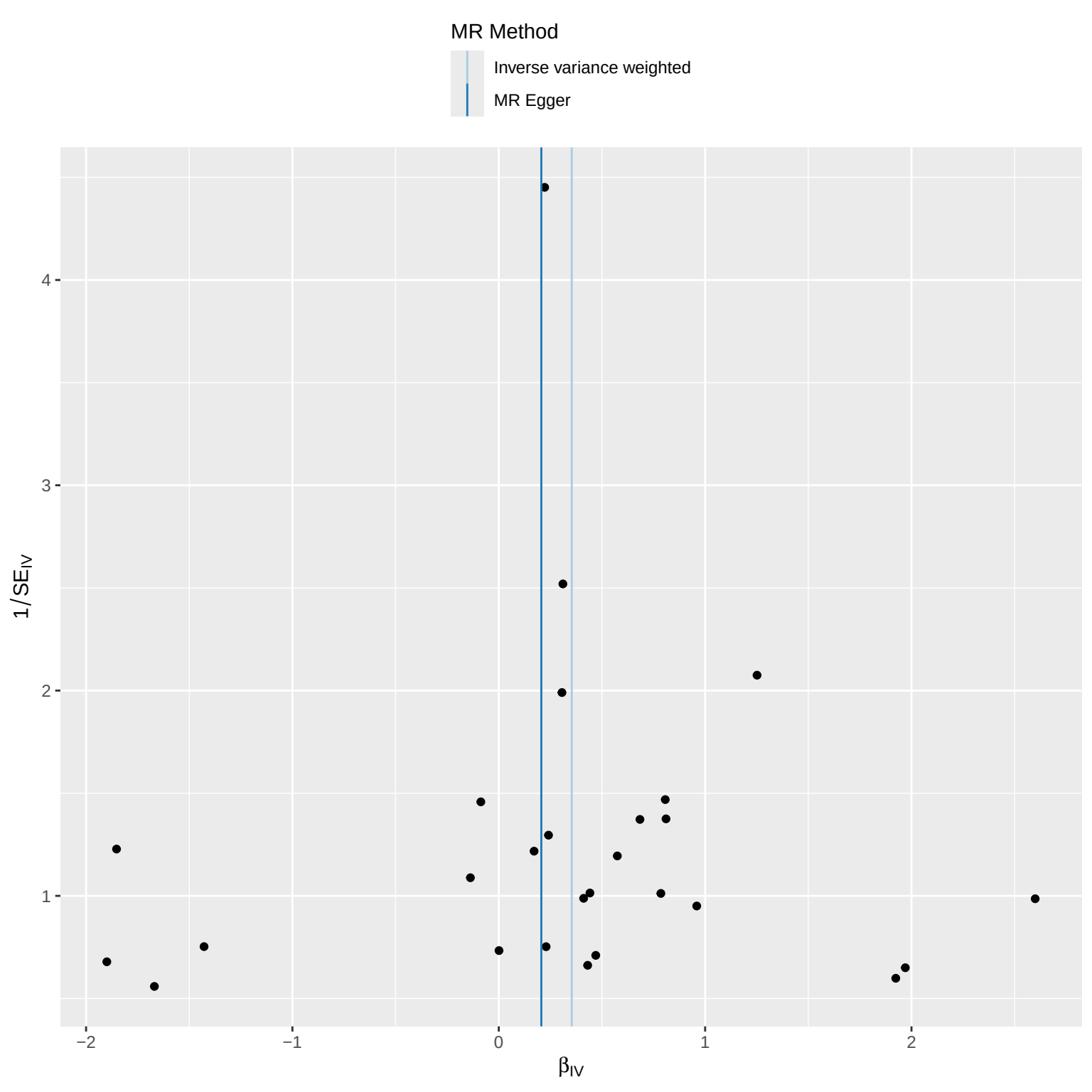

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.6
−0.3
0.0
0.3
0.6
β_IV

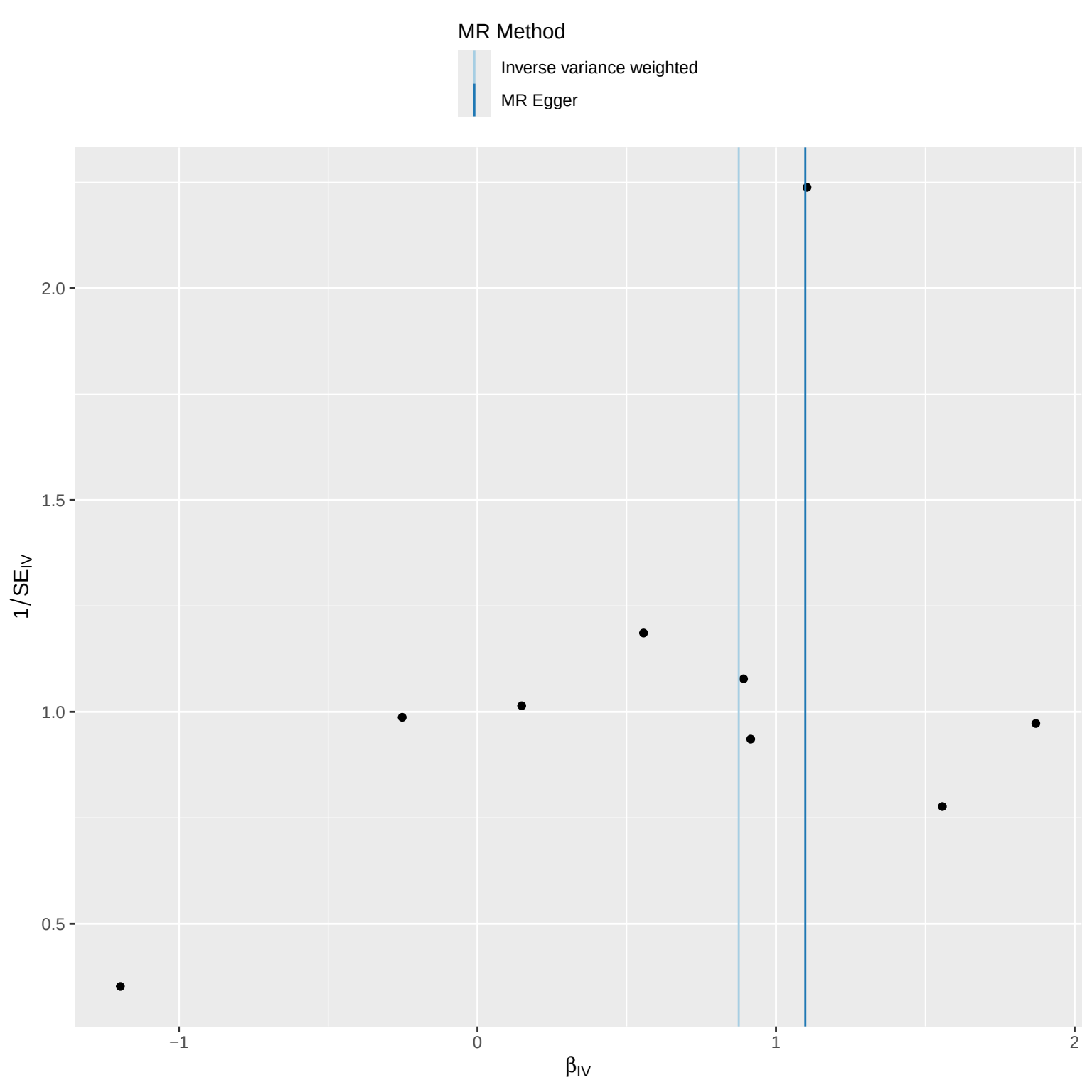

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

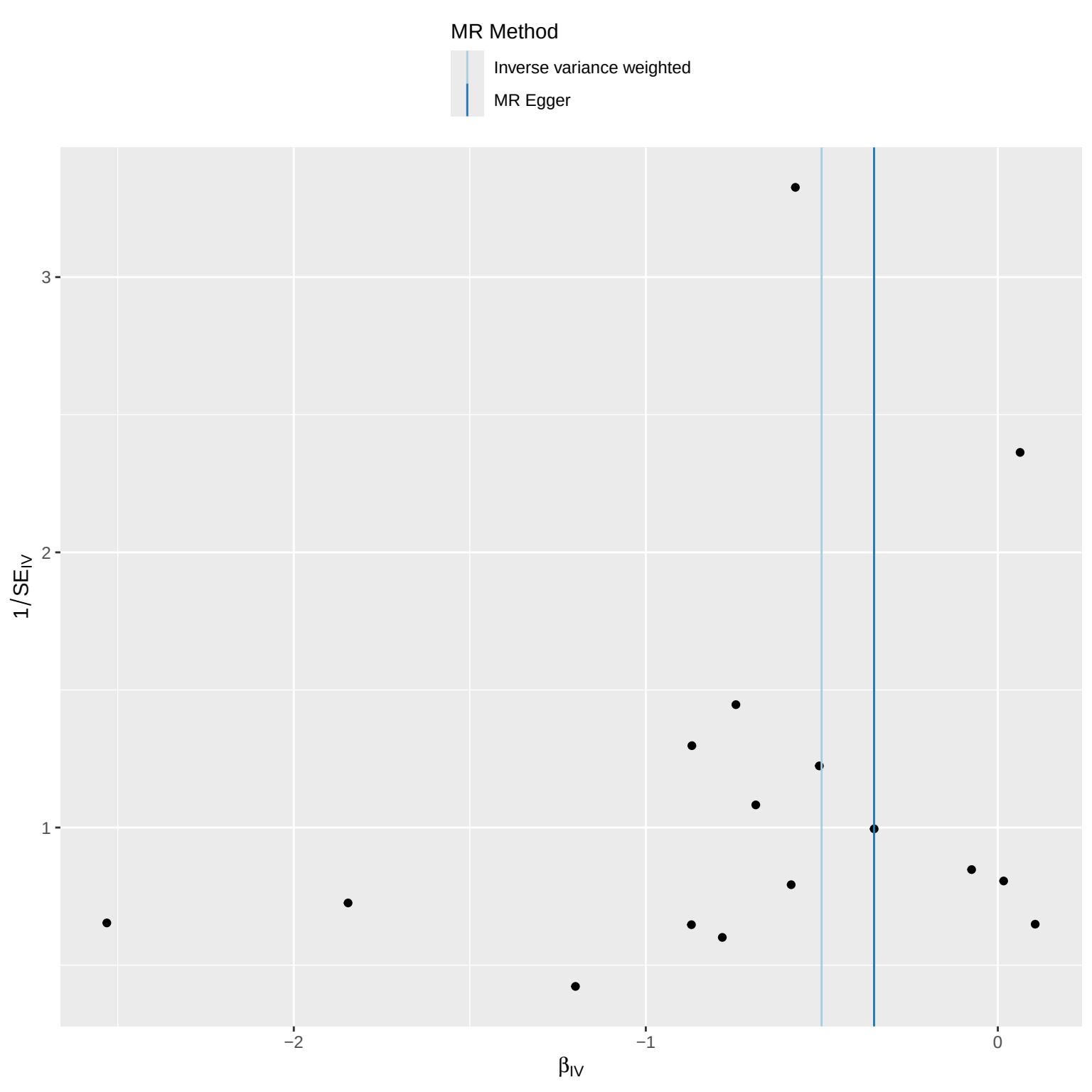

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

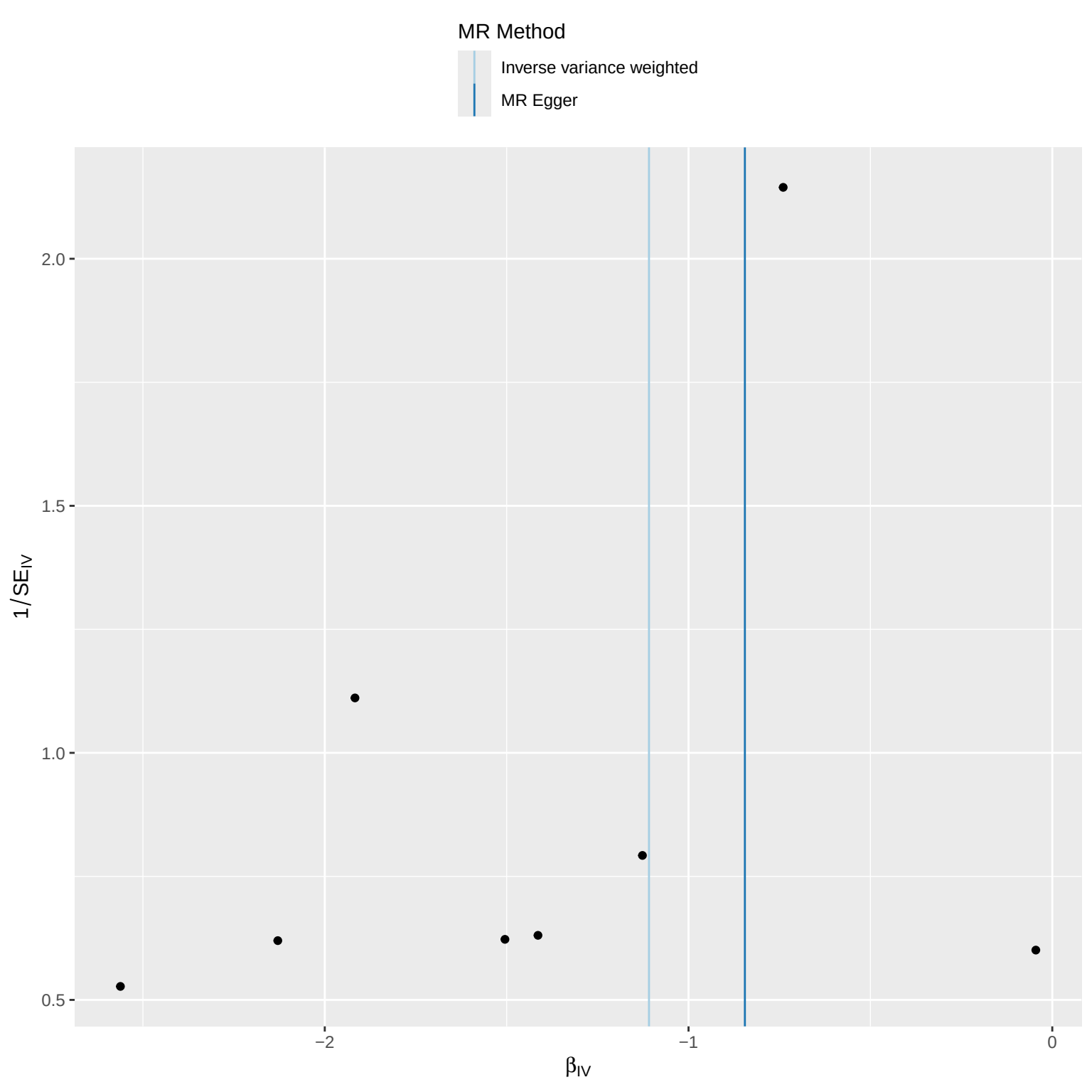

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

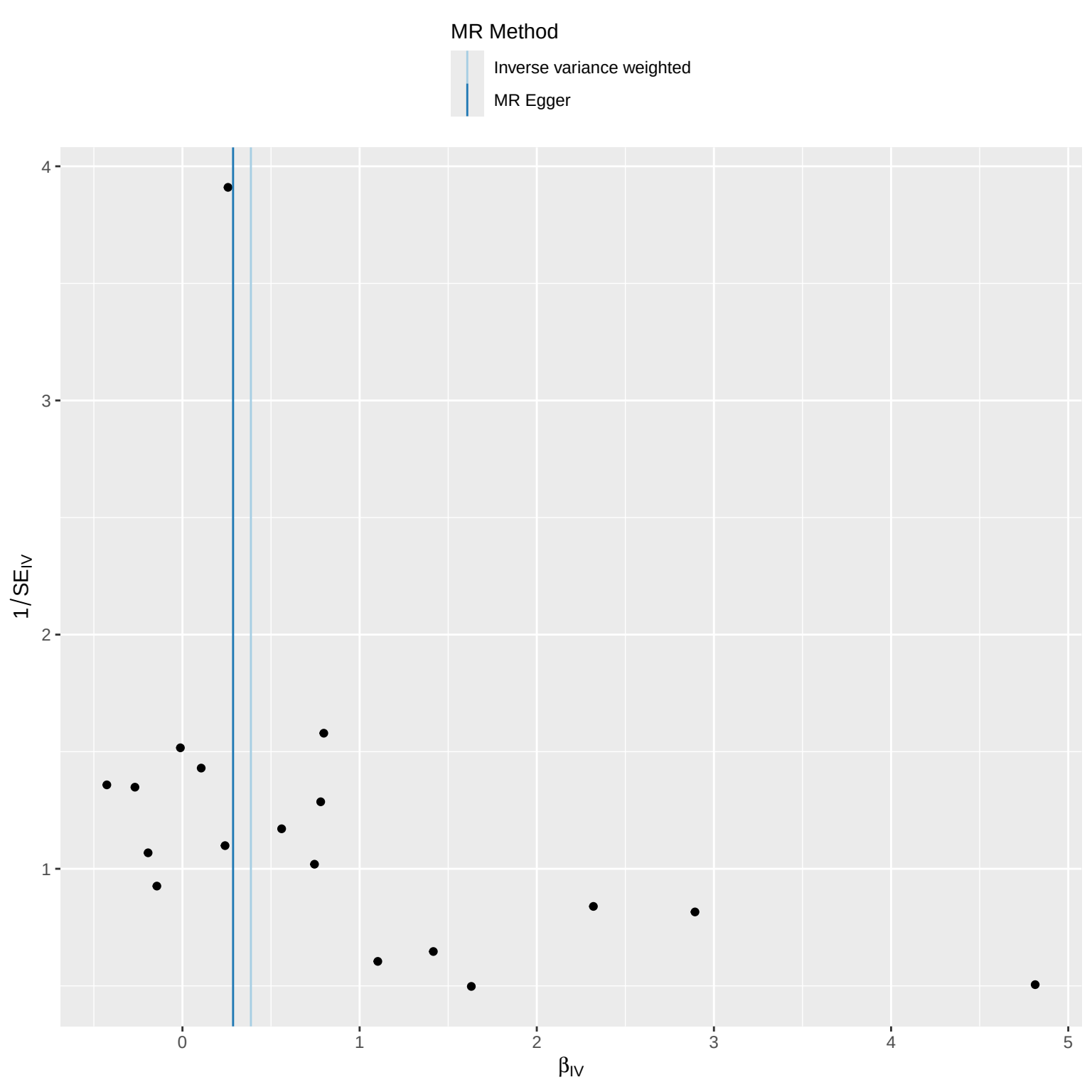

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

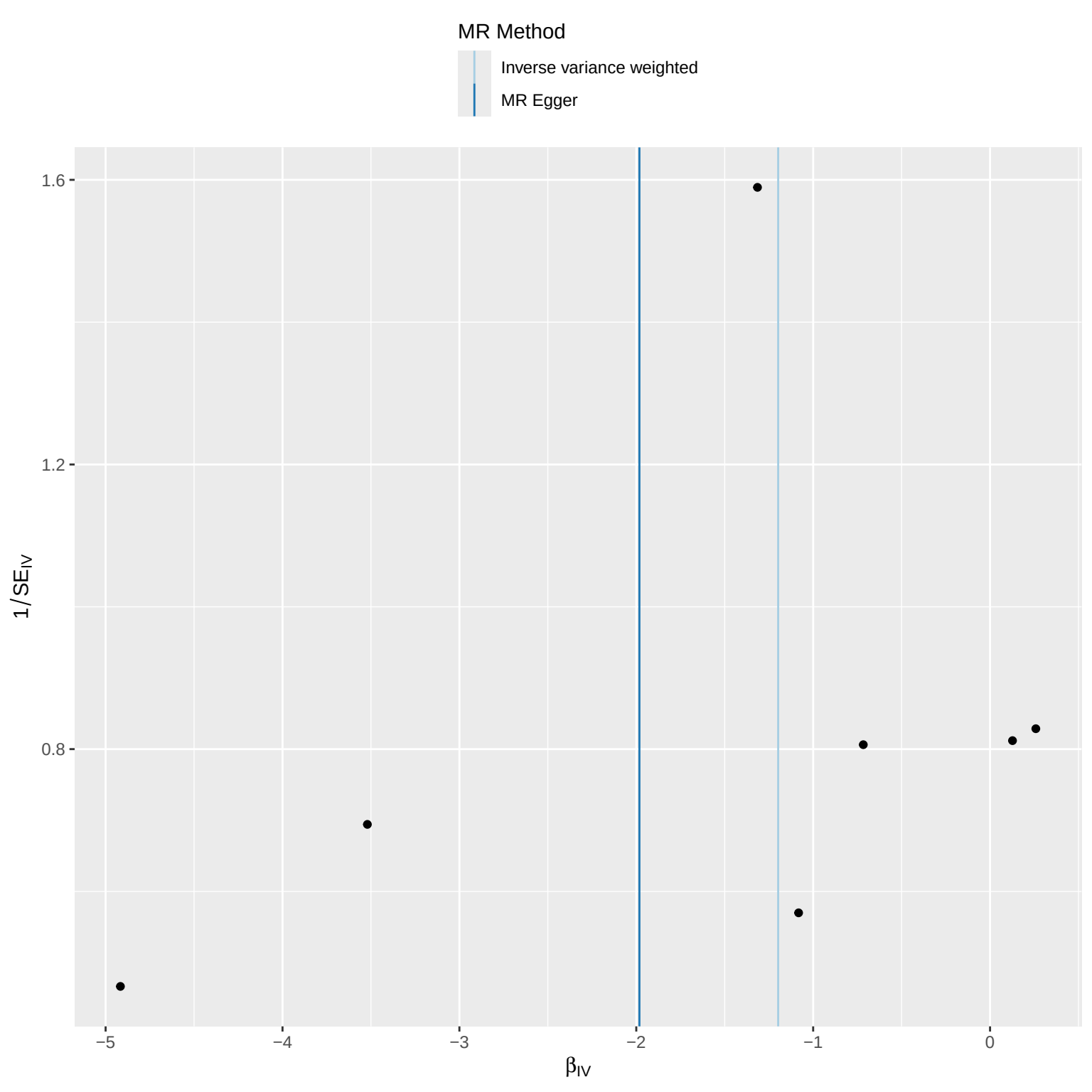

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

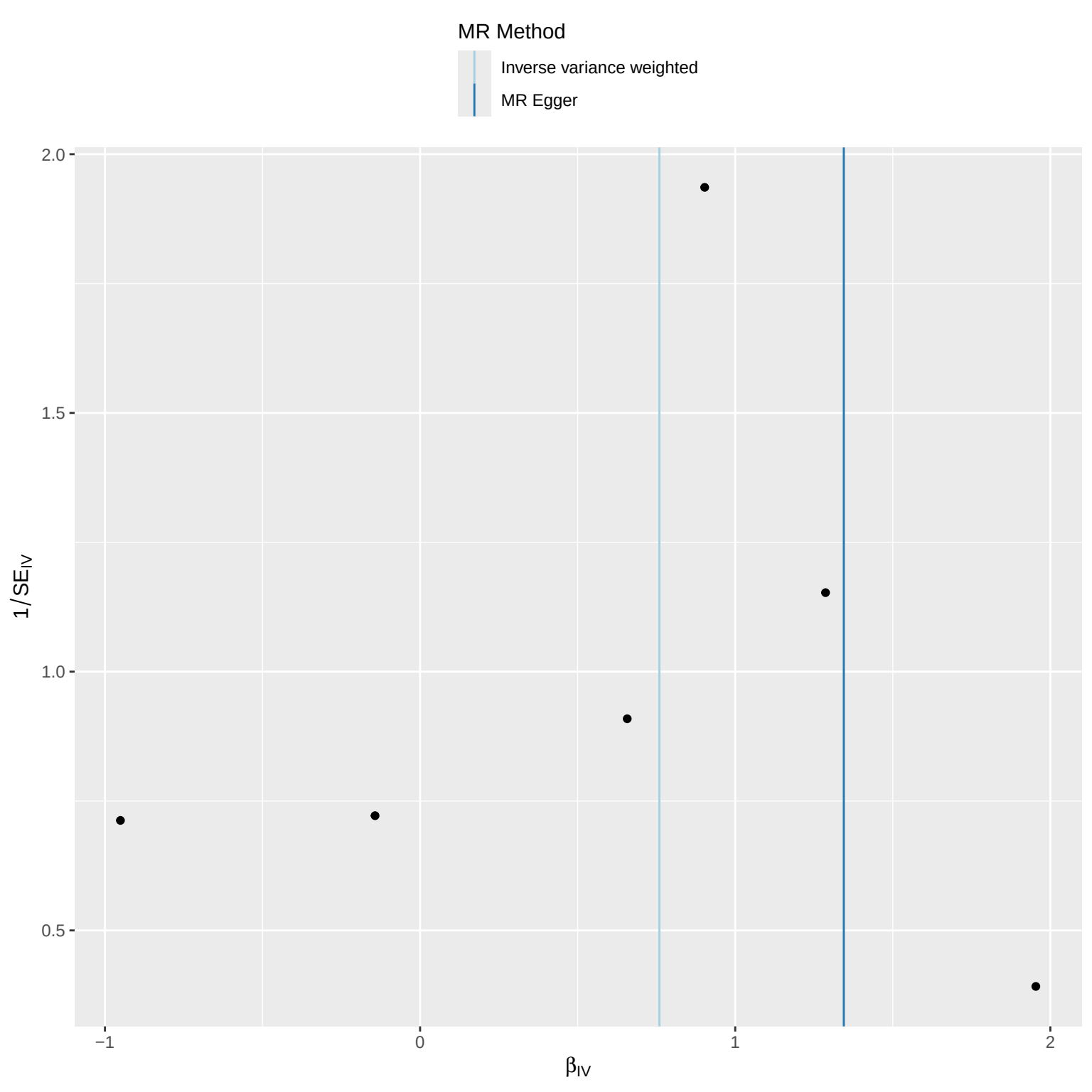

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

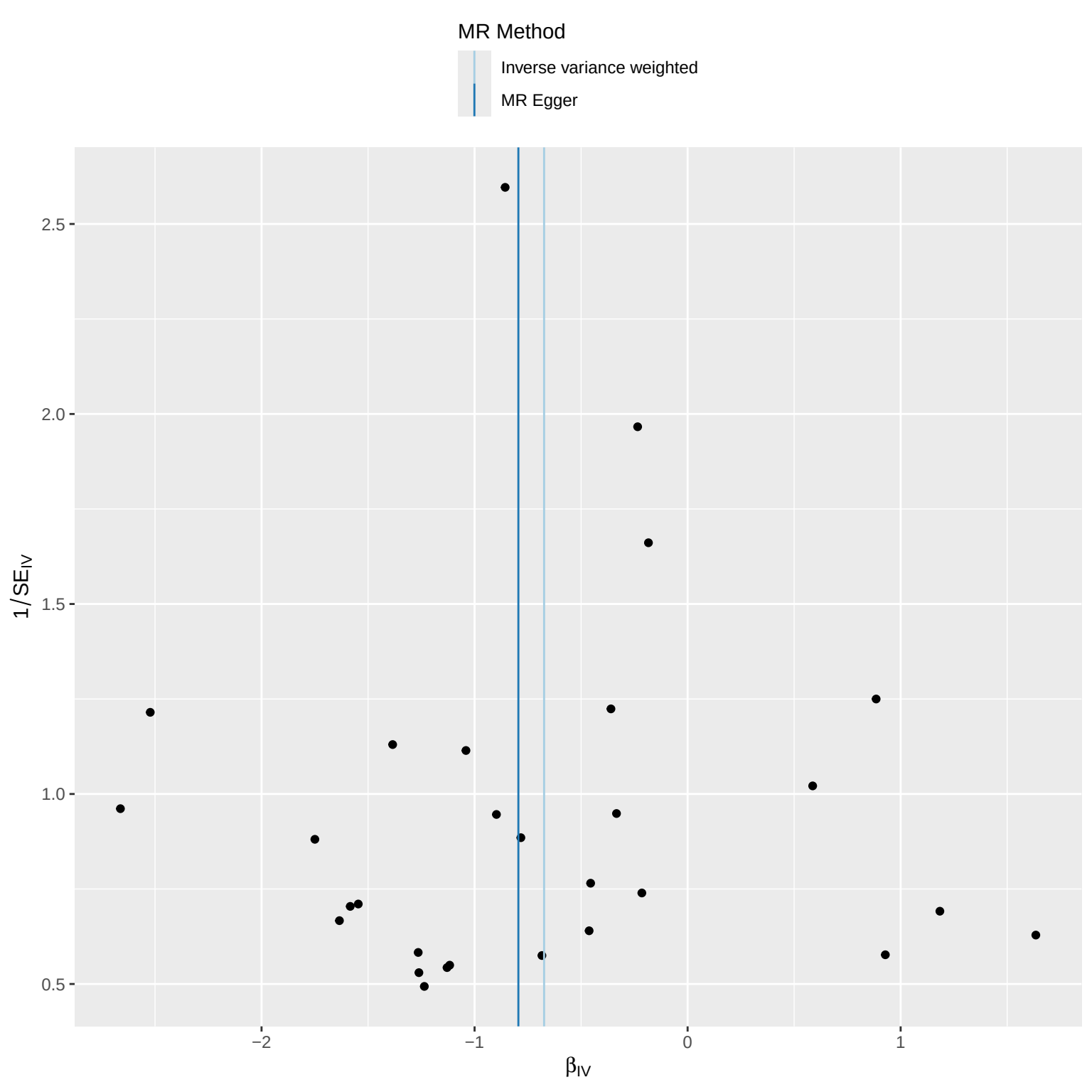

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

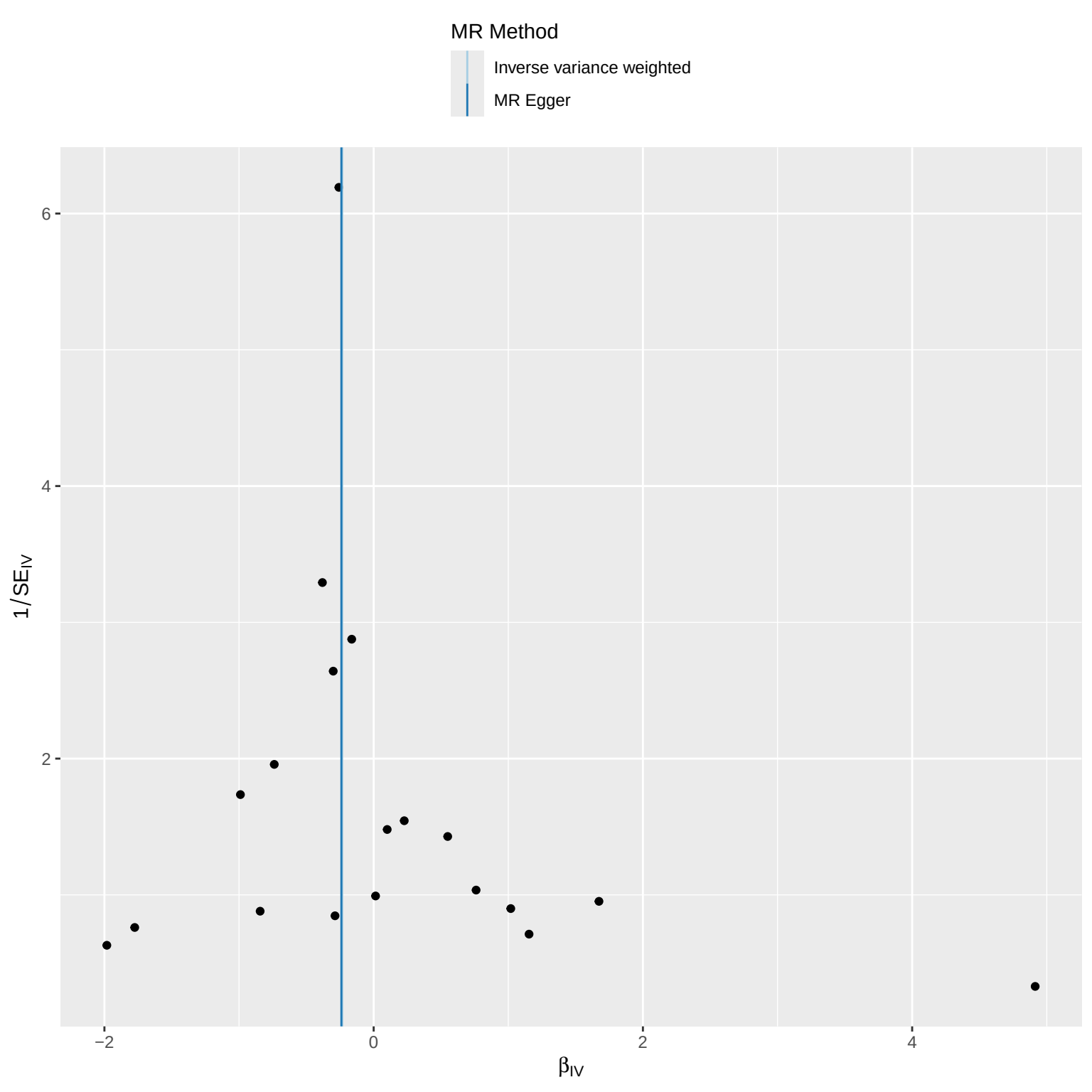

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

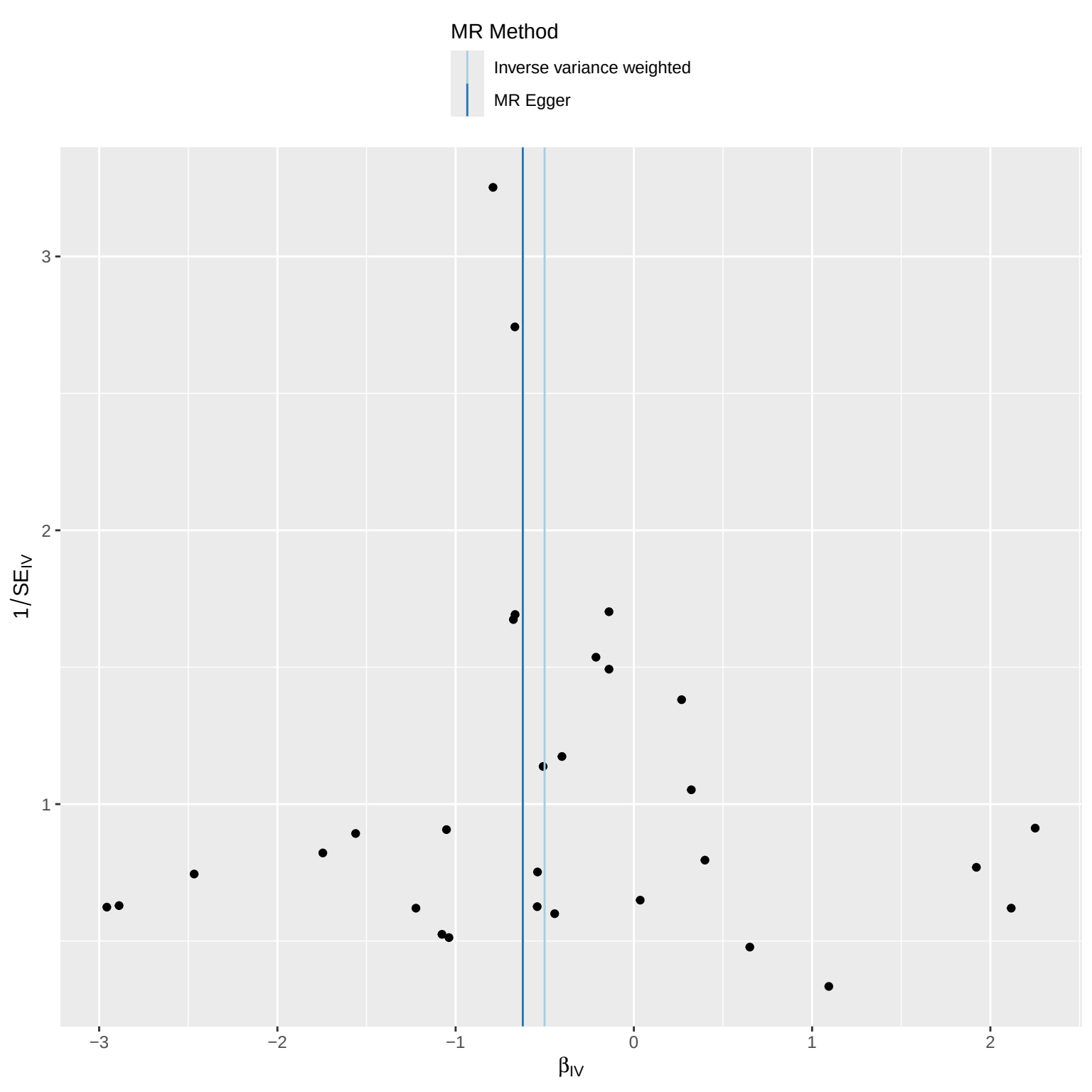

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
3
4
5
1/SE_IV
β_IV

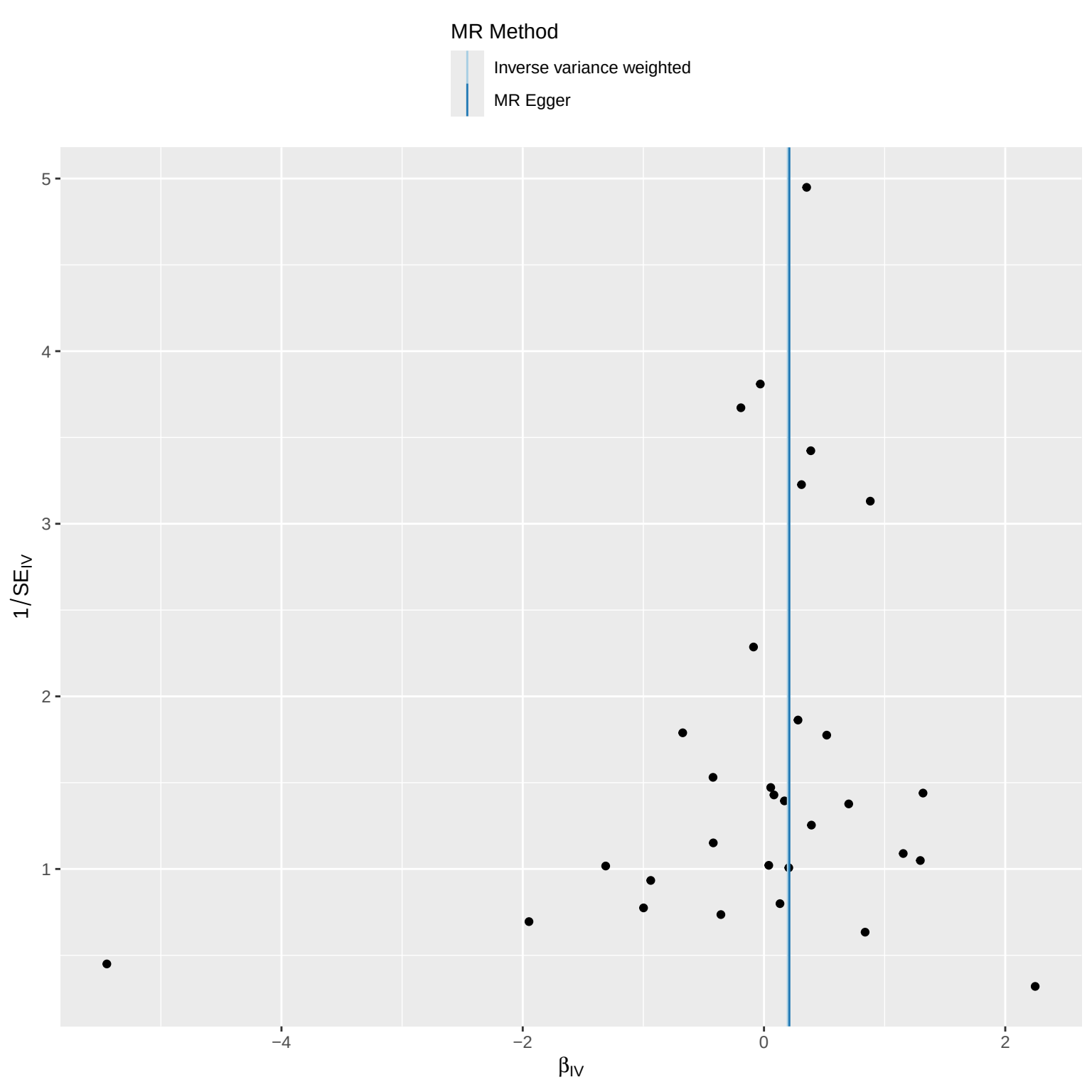

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−5
−4
−3
−2
−1
0
β_IV

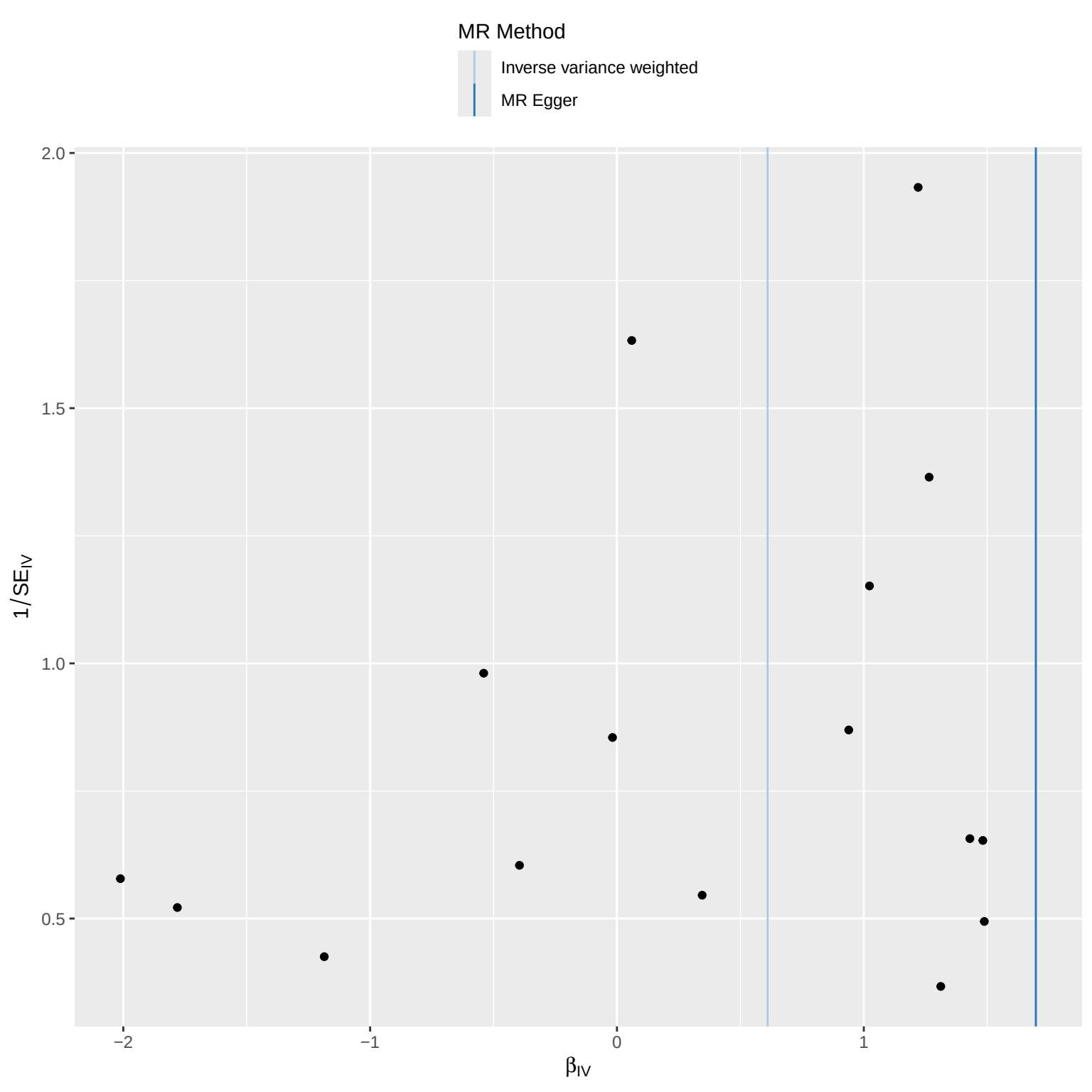

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

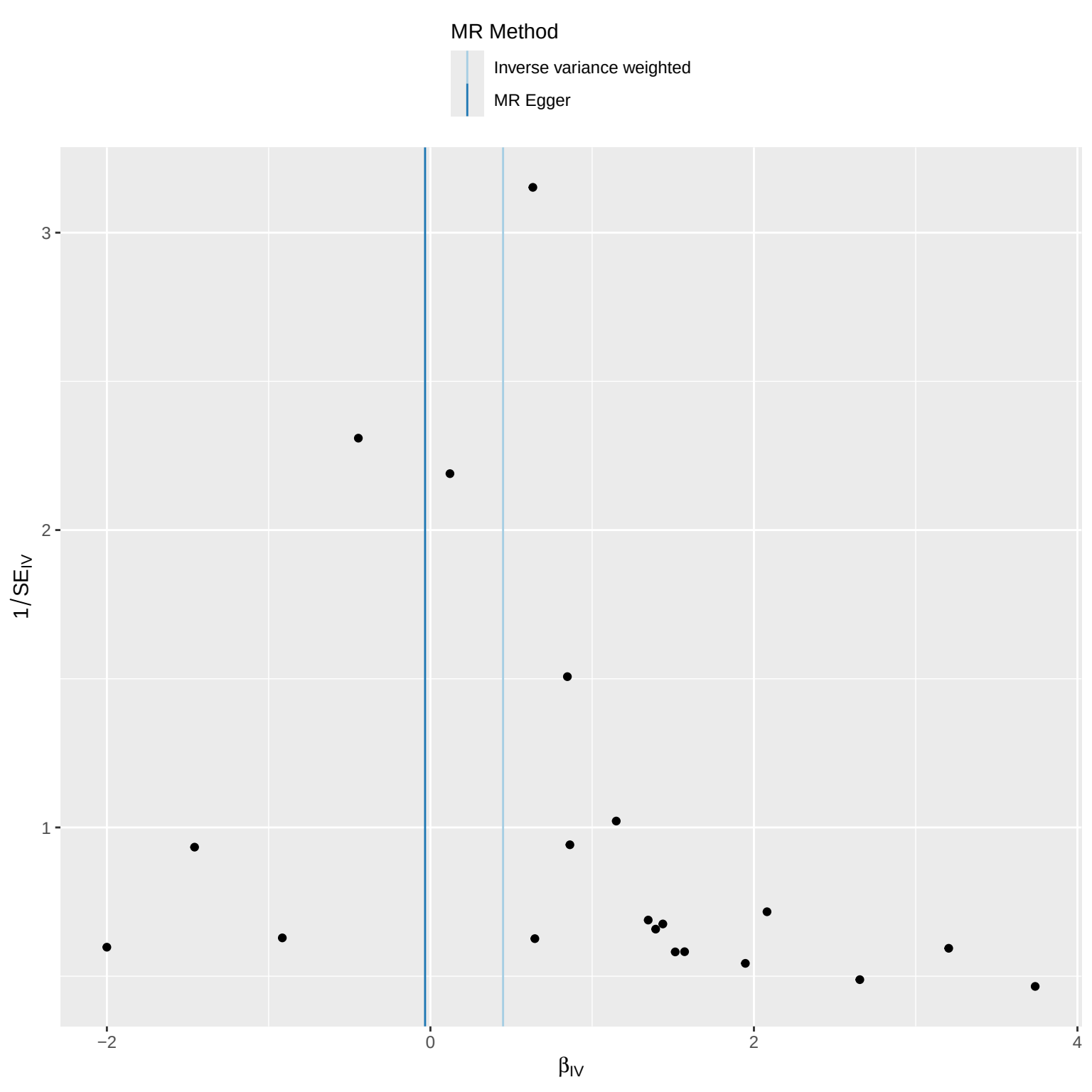

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

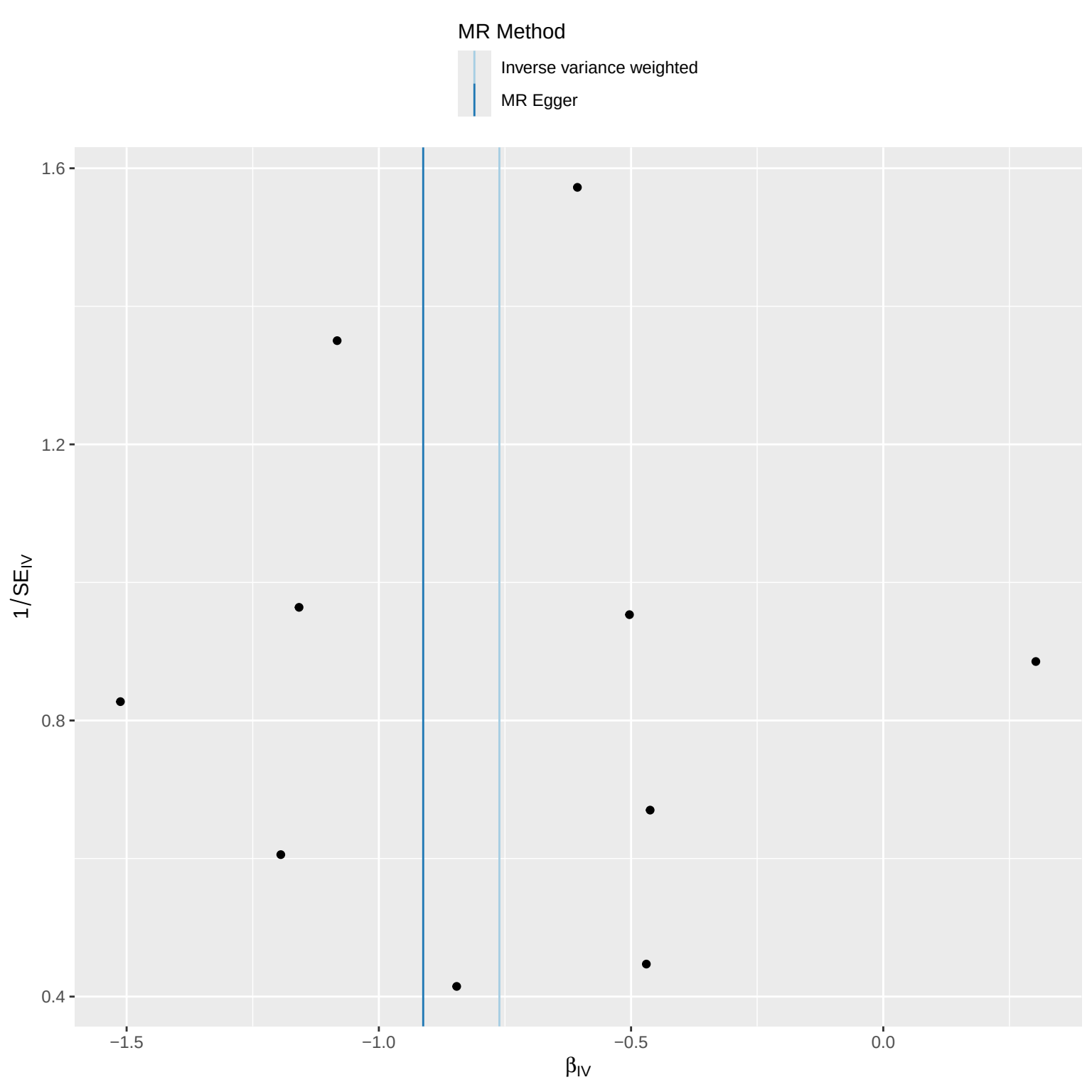

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
4
β_IV

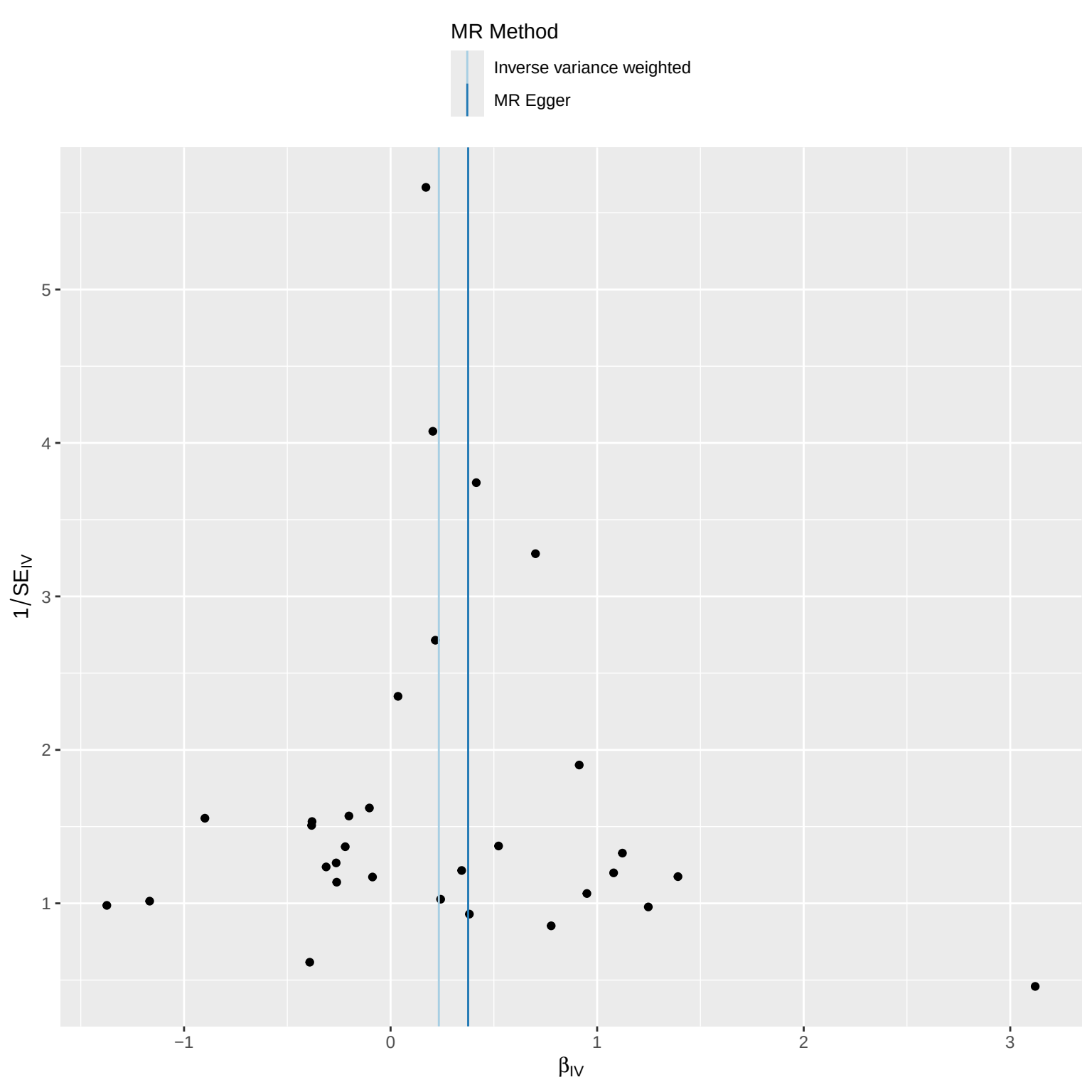

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

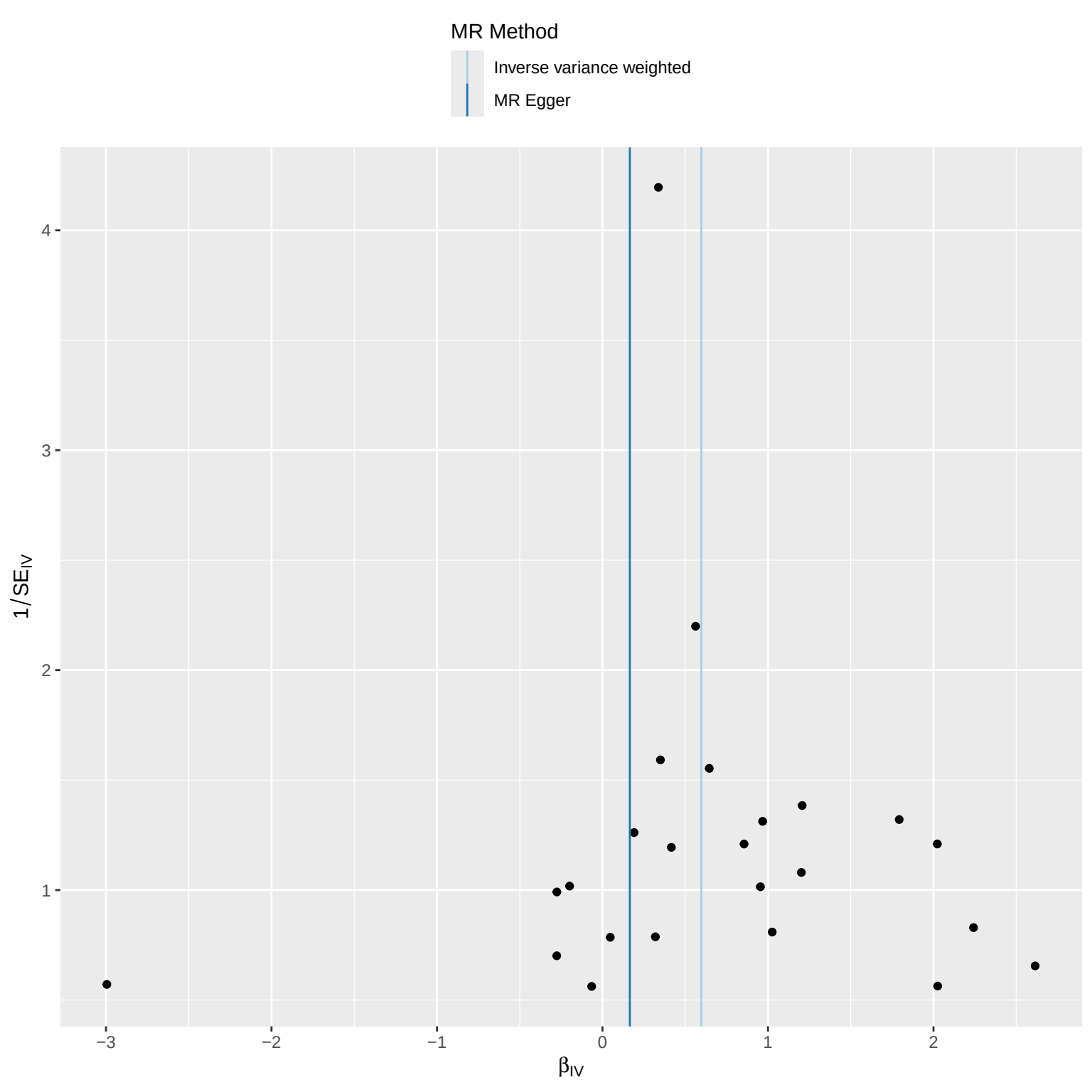

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

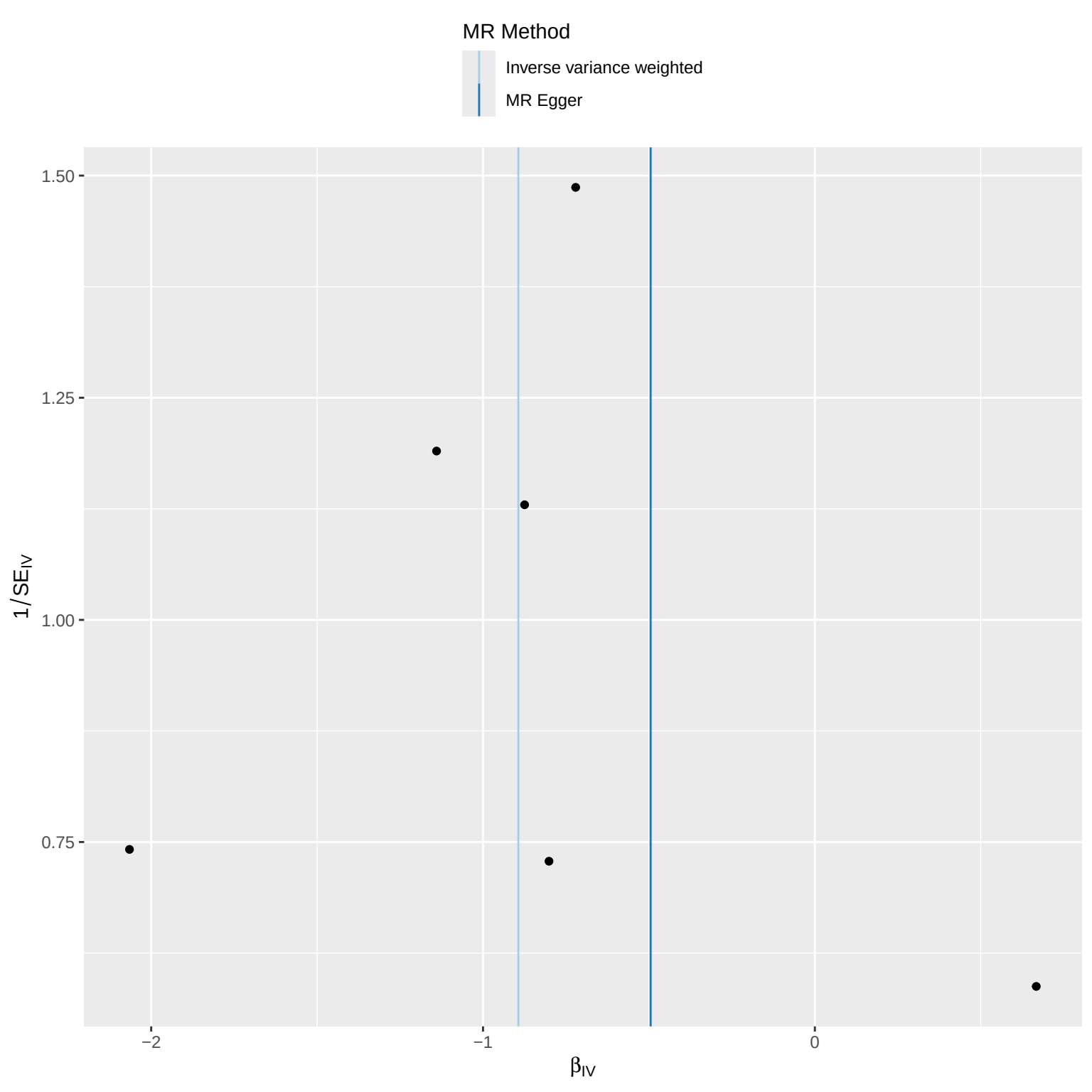

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

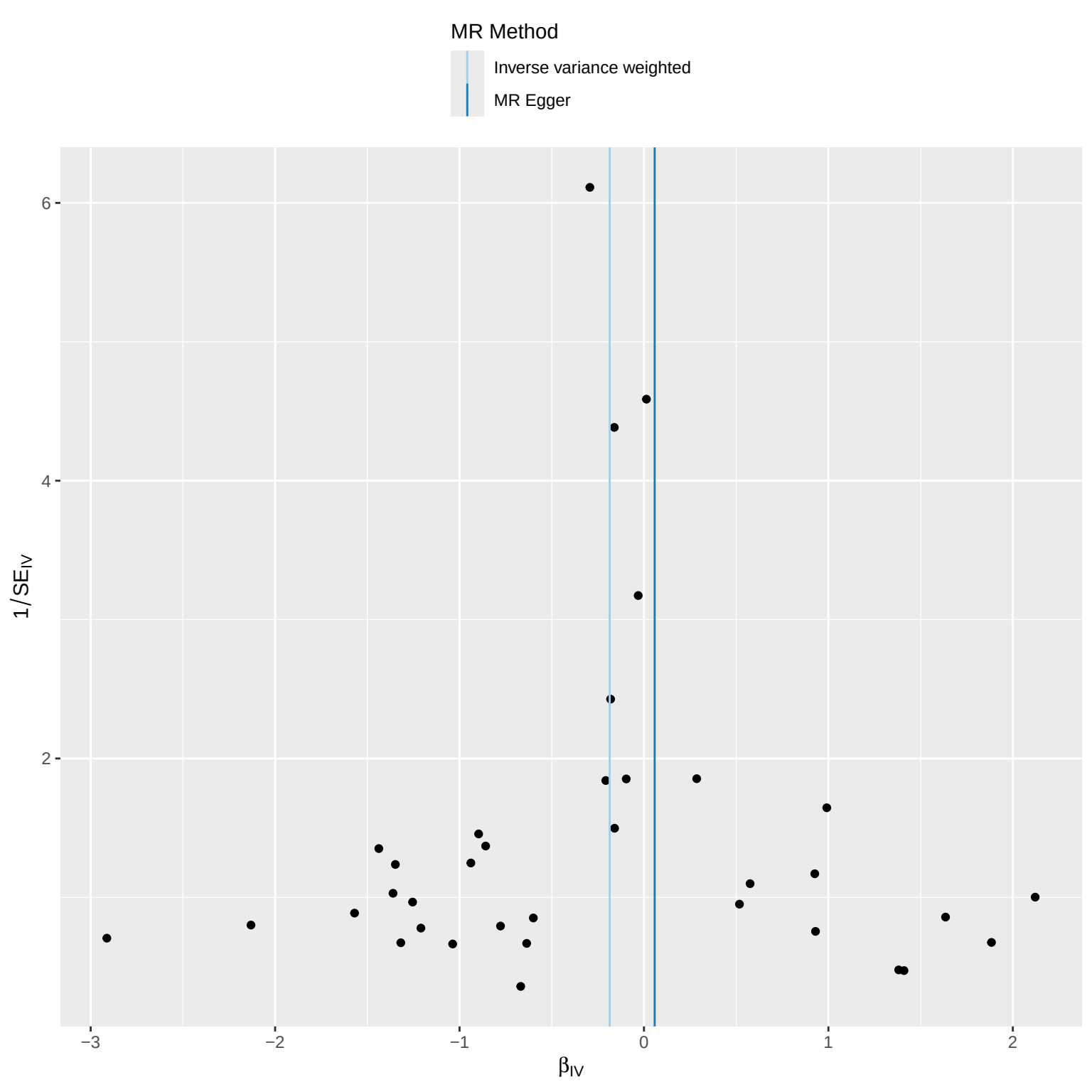

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

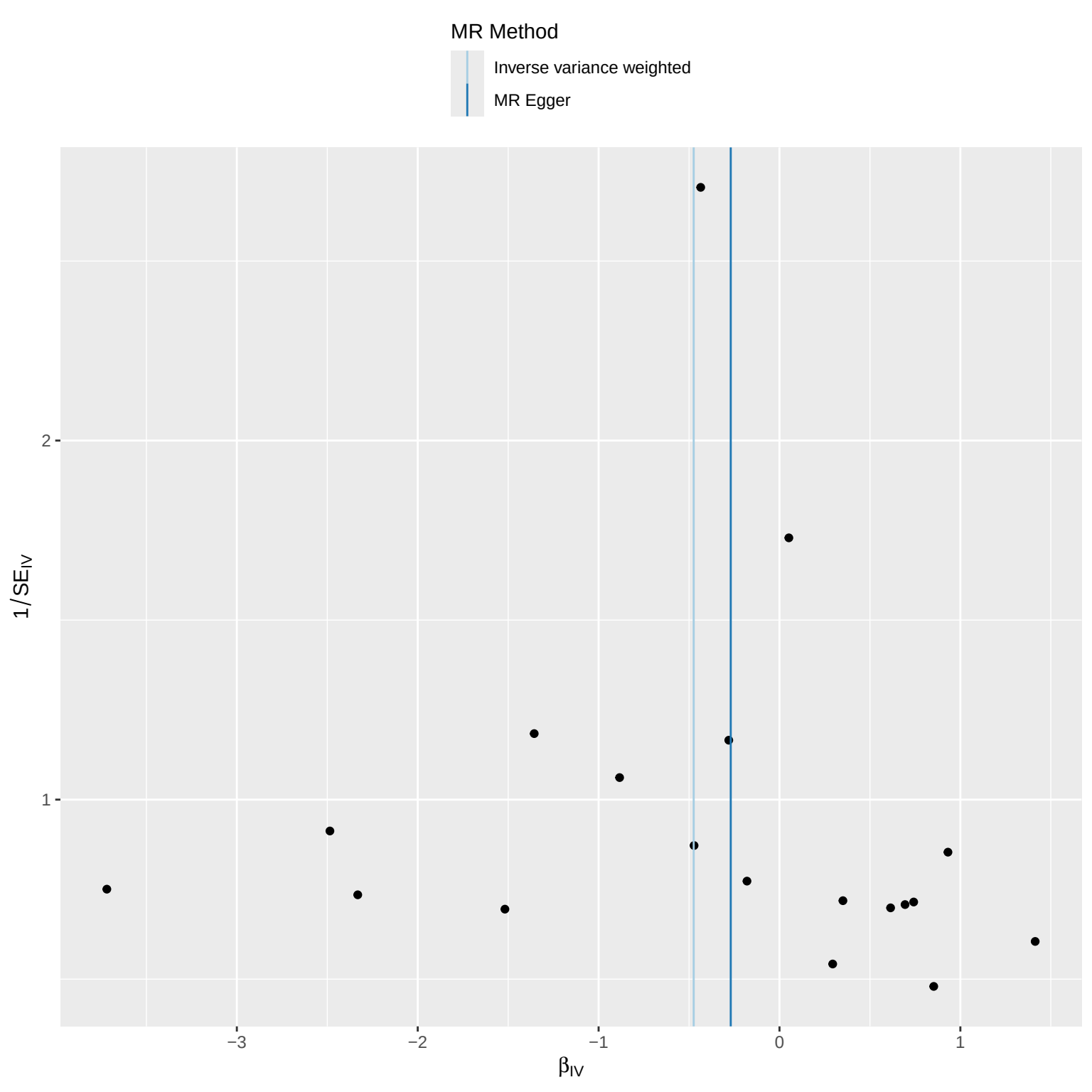

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

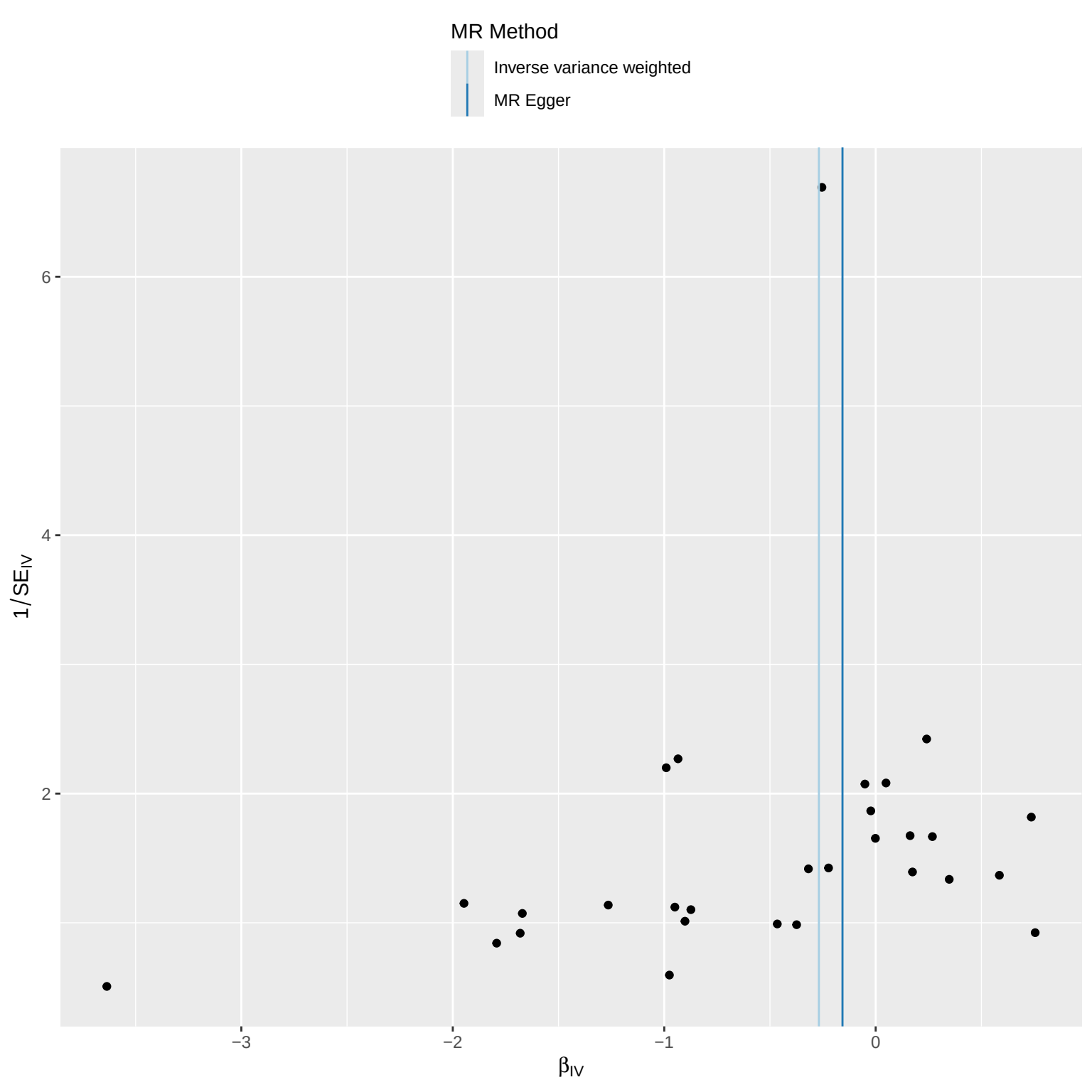

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1
0
1
2
3

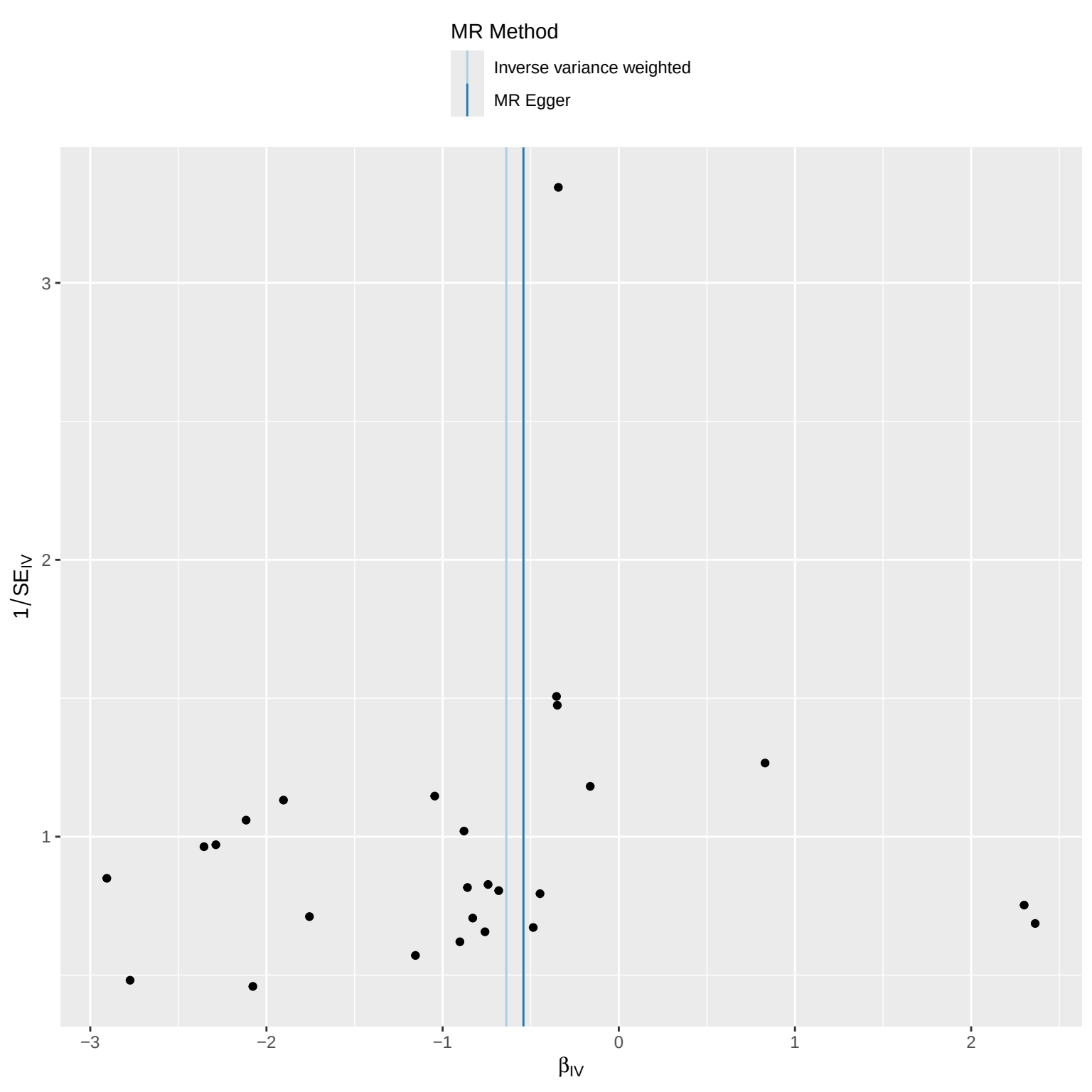

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

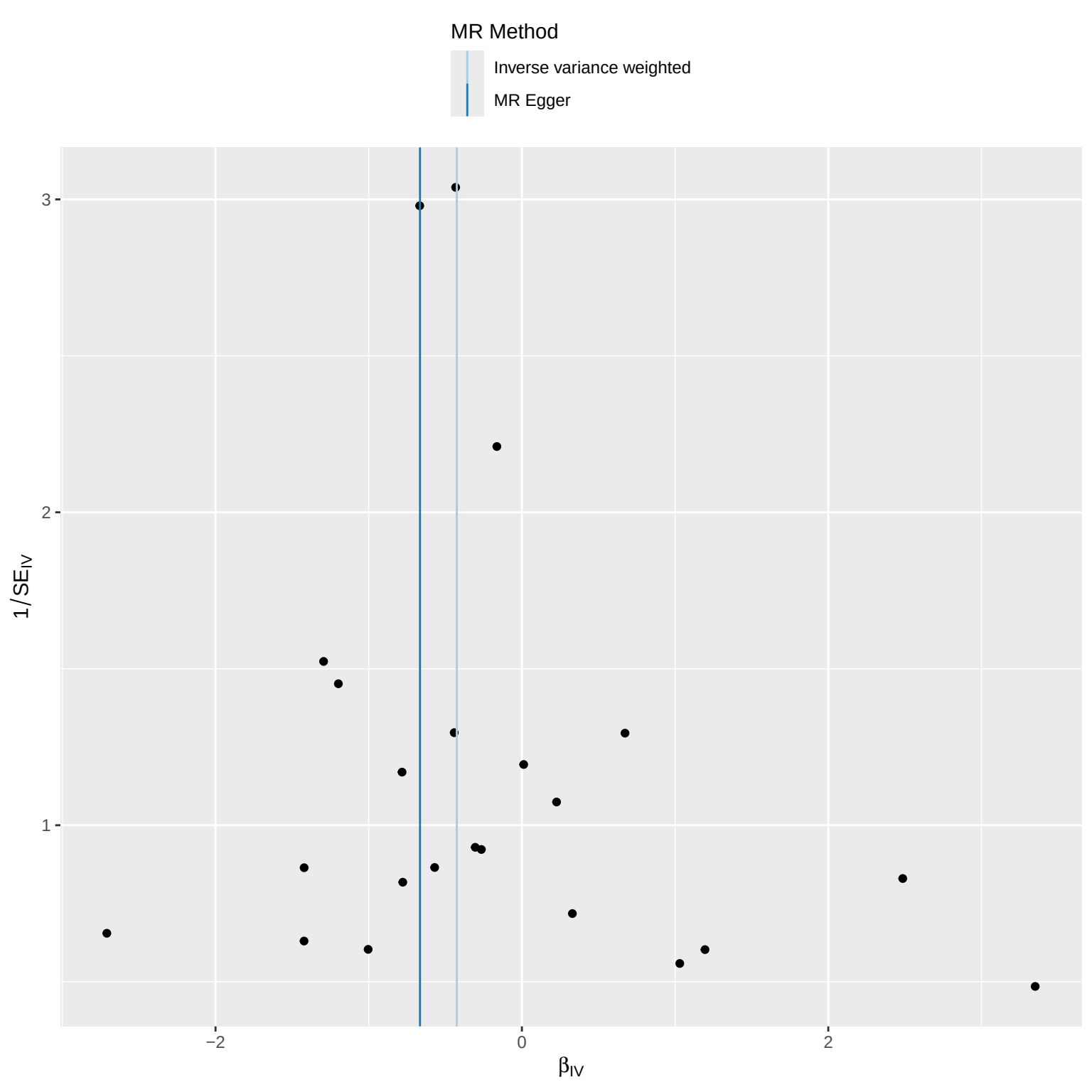

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
β_IV

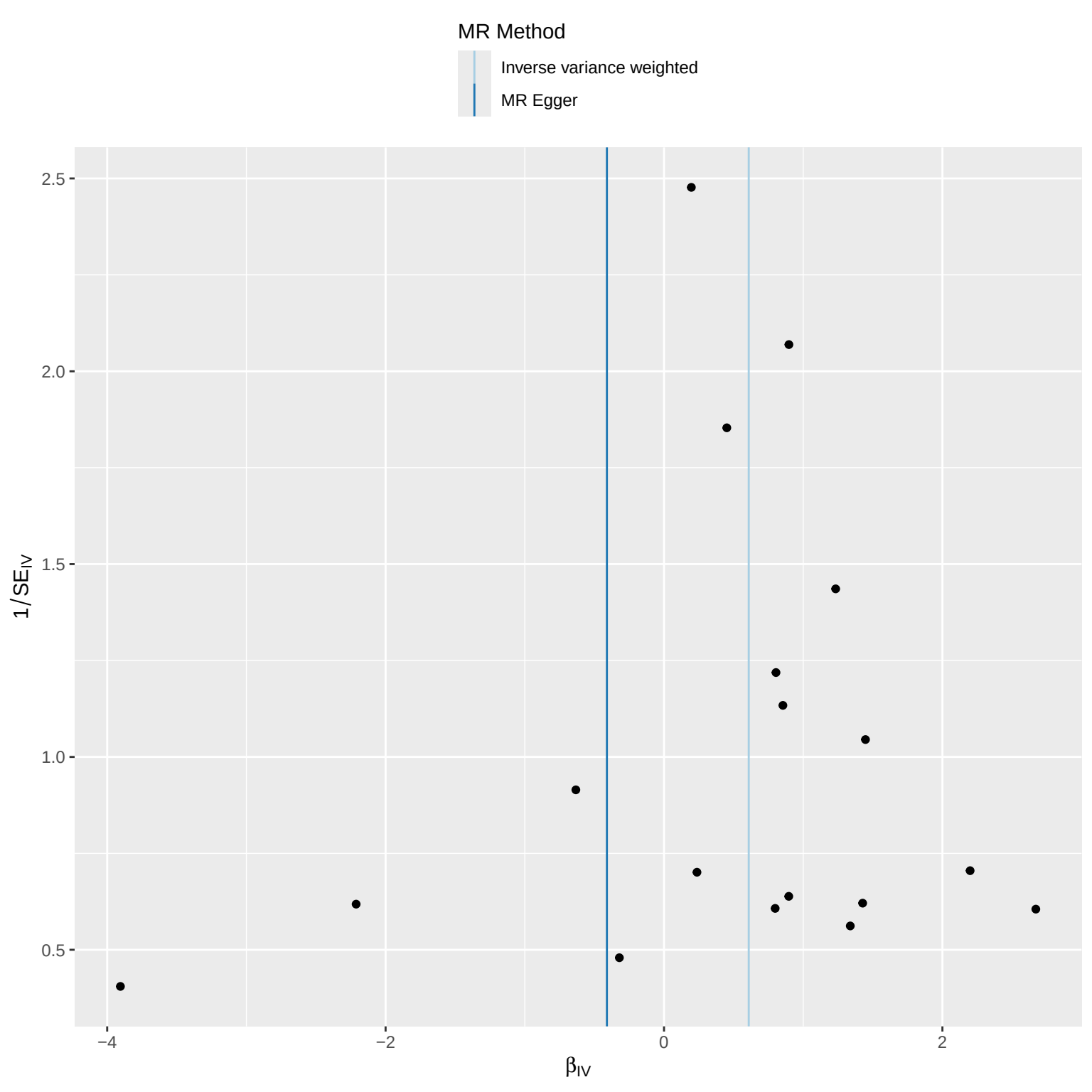

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

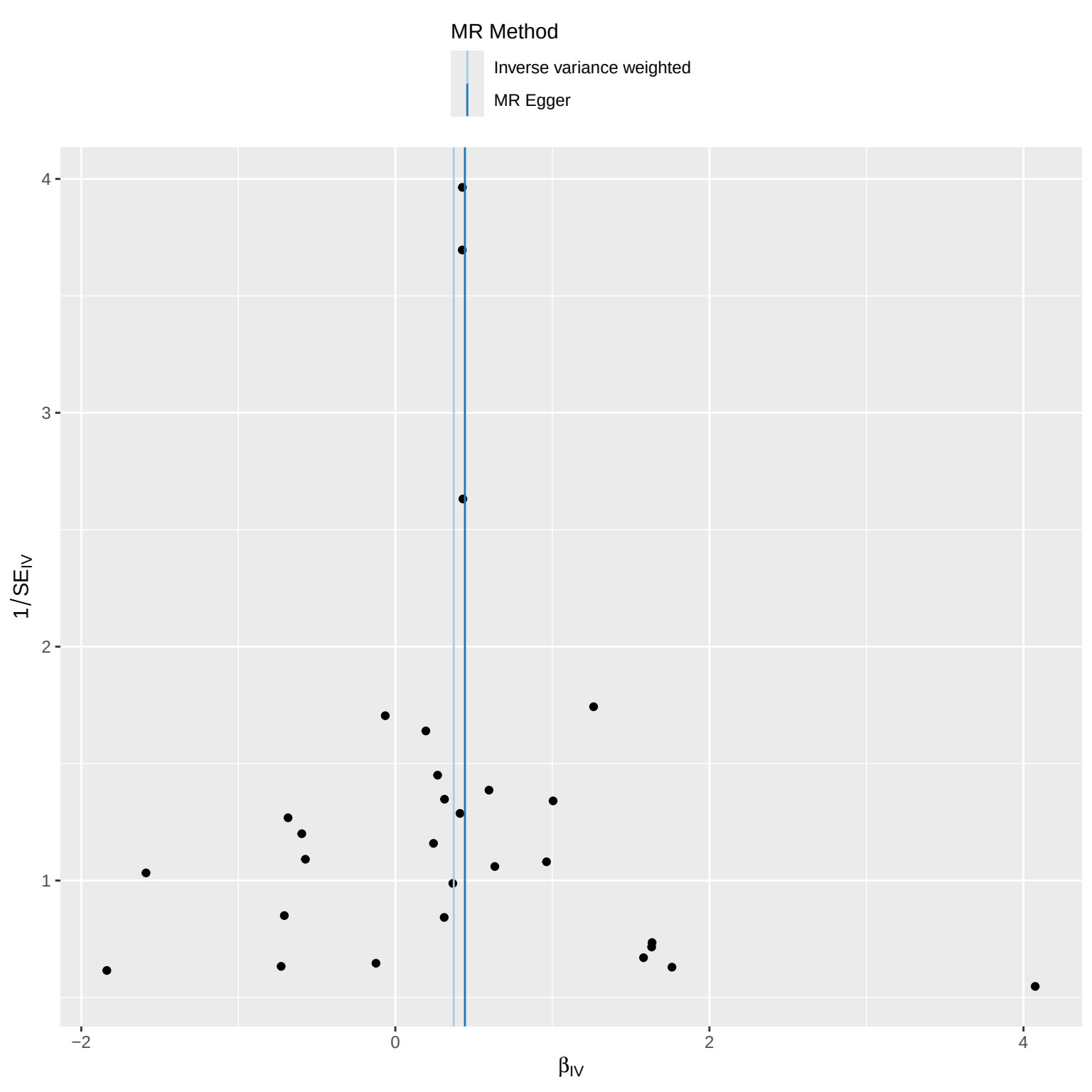

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

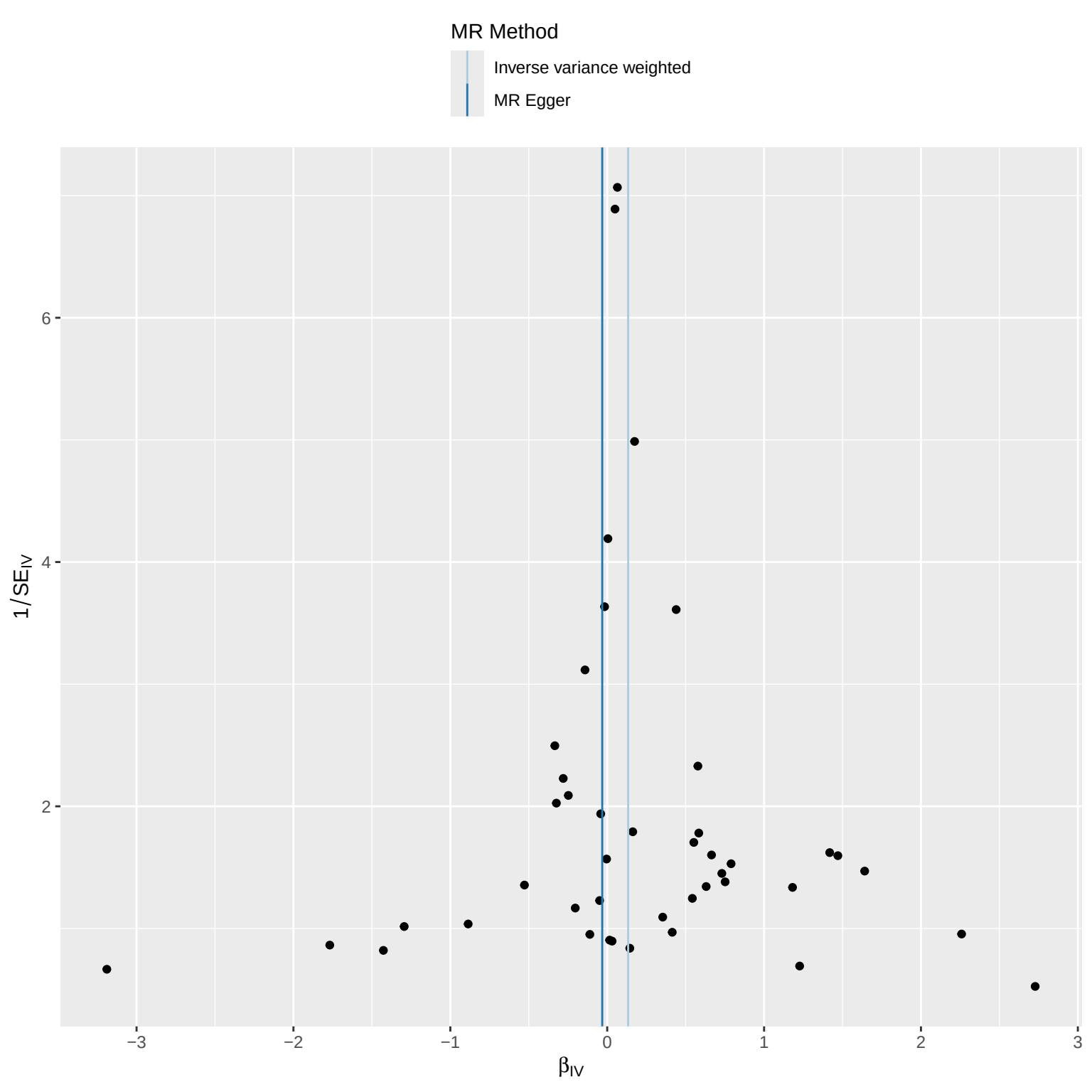

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
β_IV

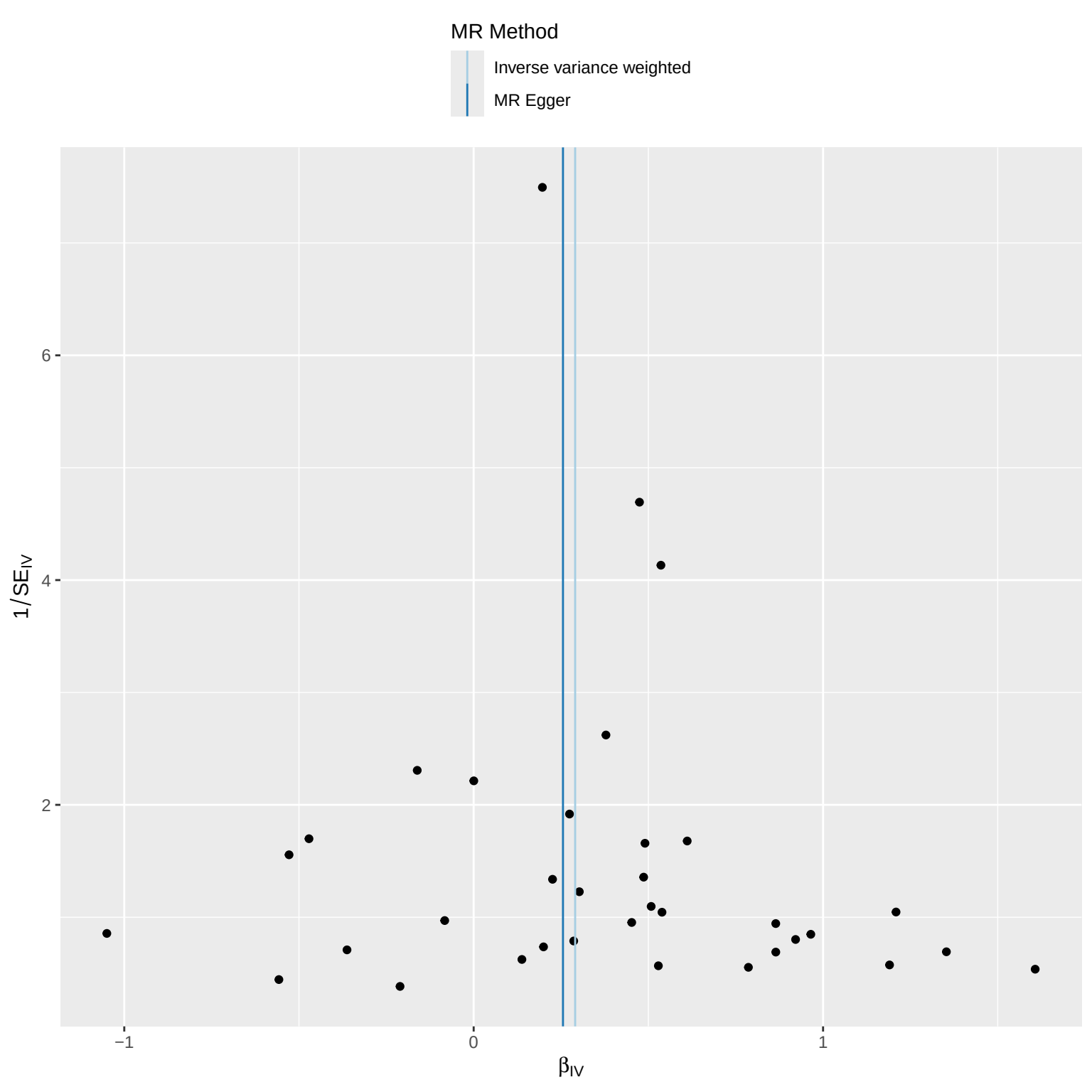

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

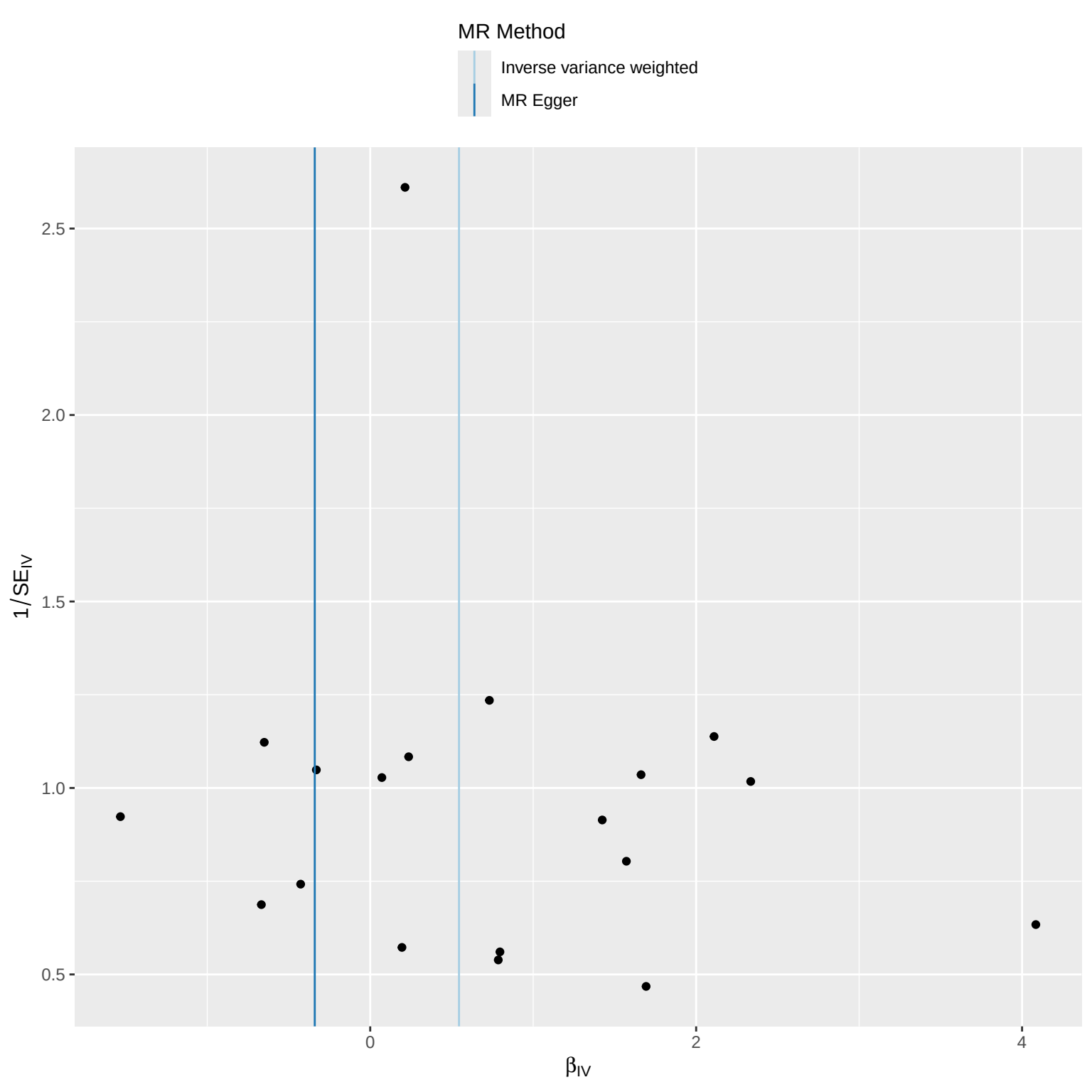

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

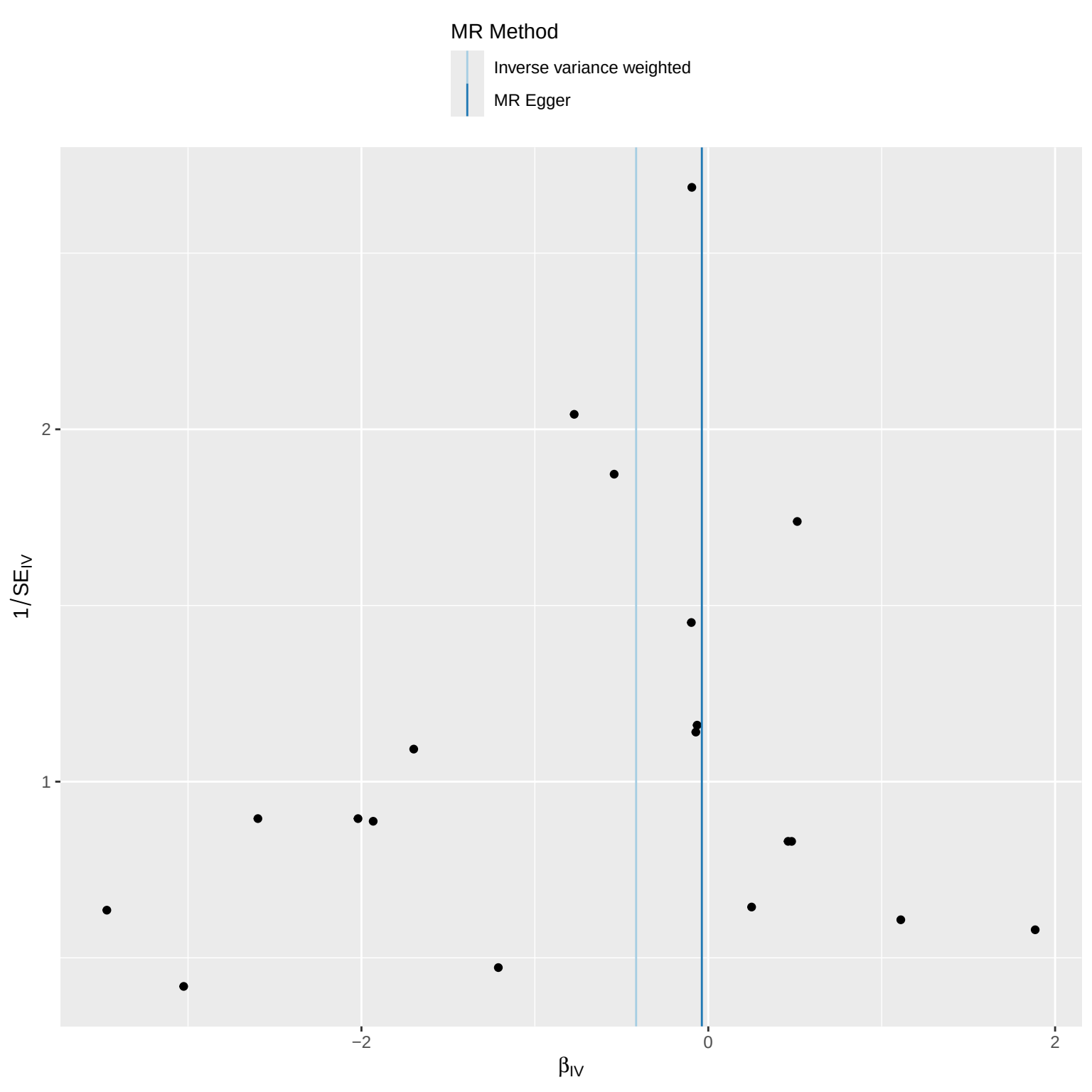

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

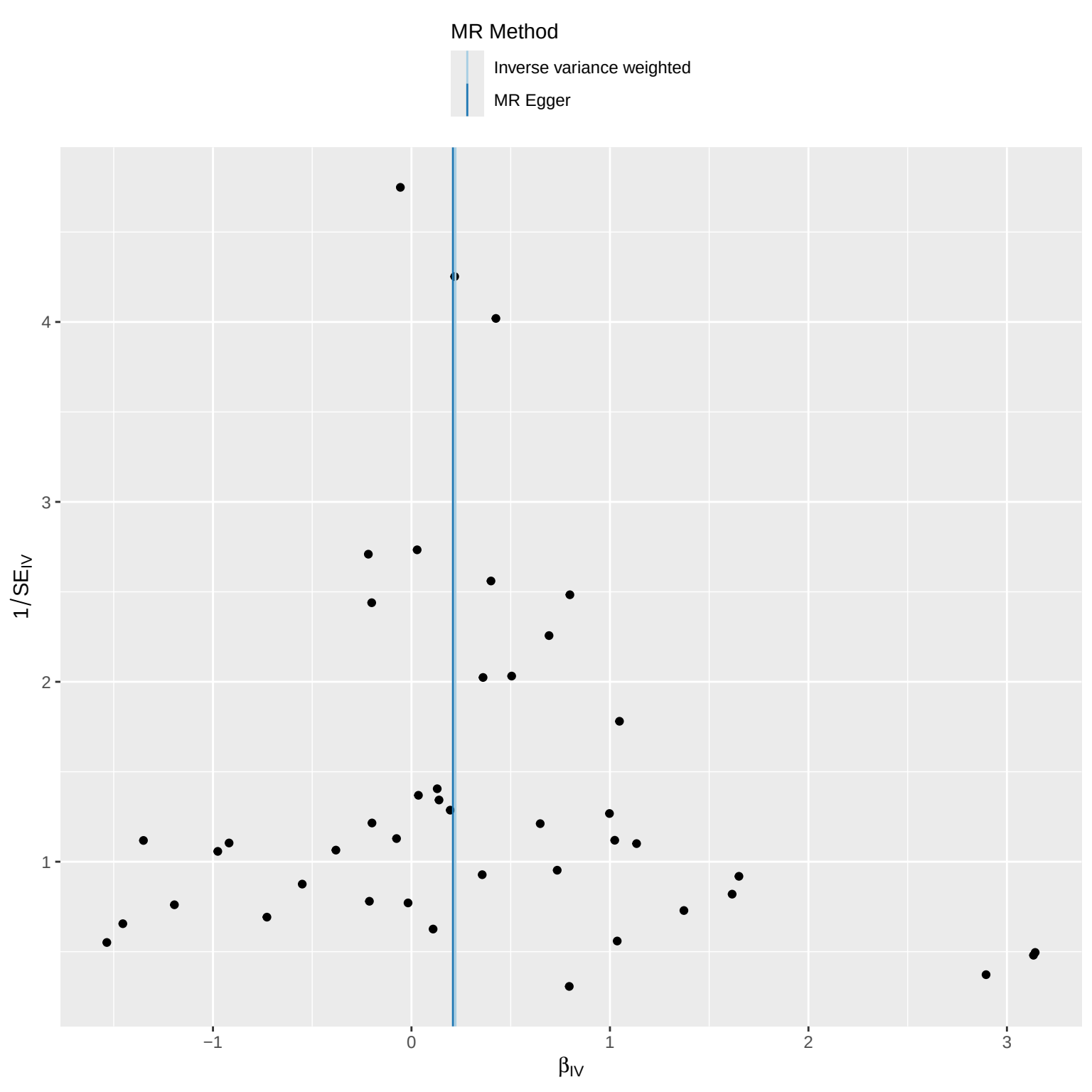

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

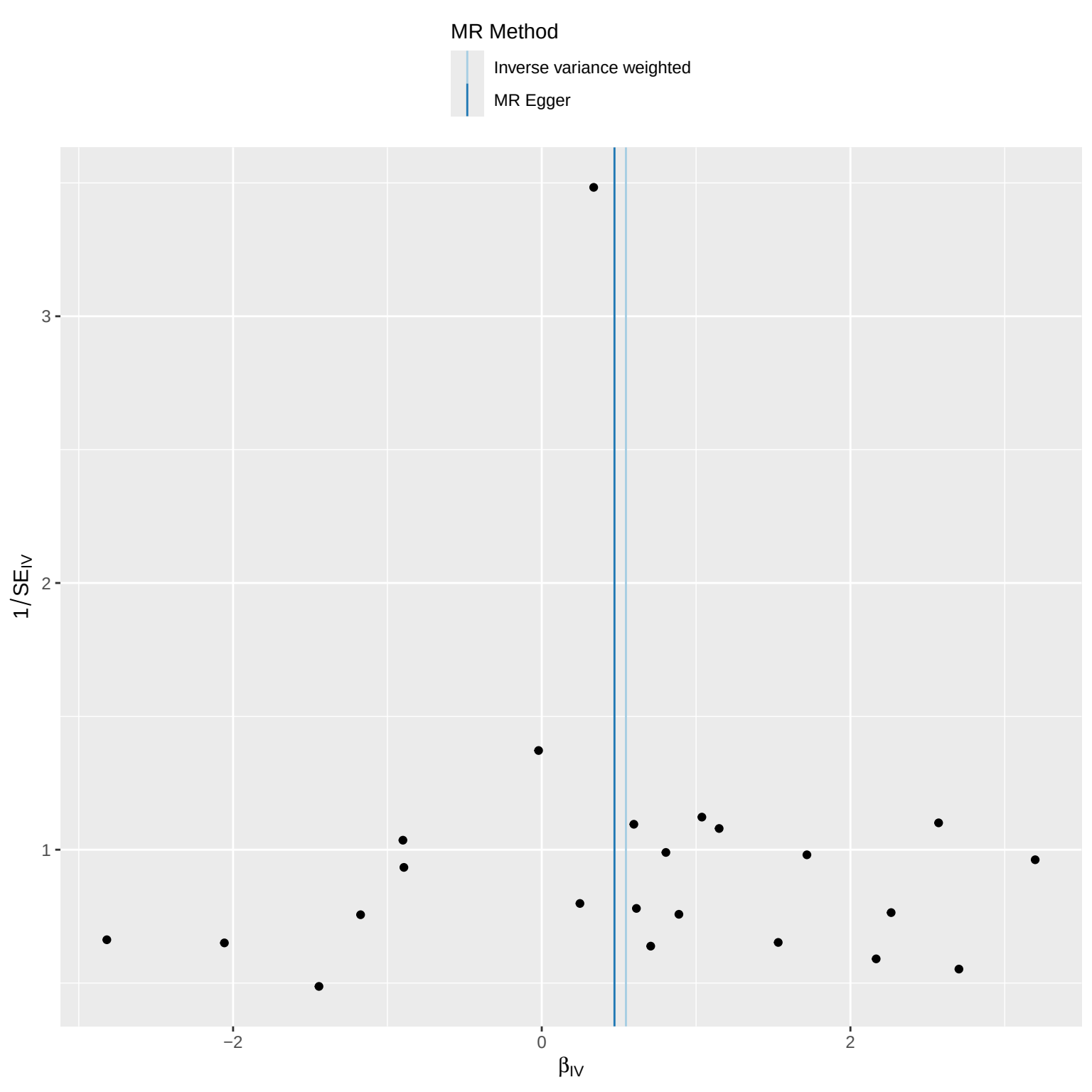

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

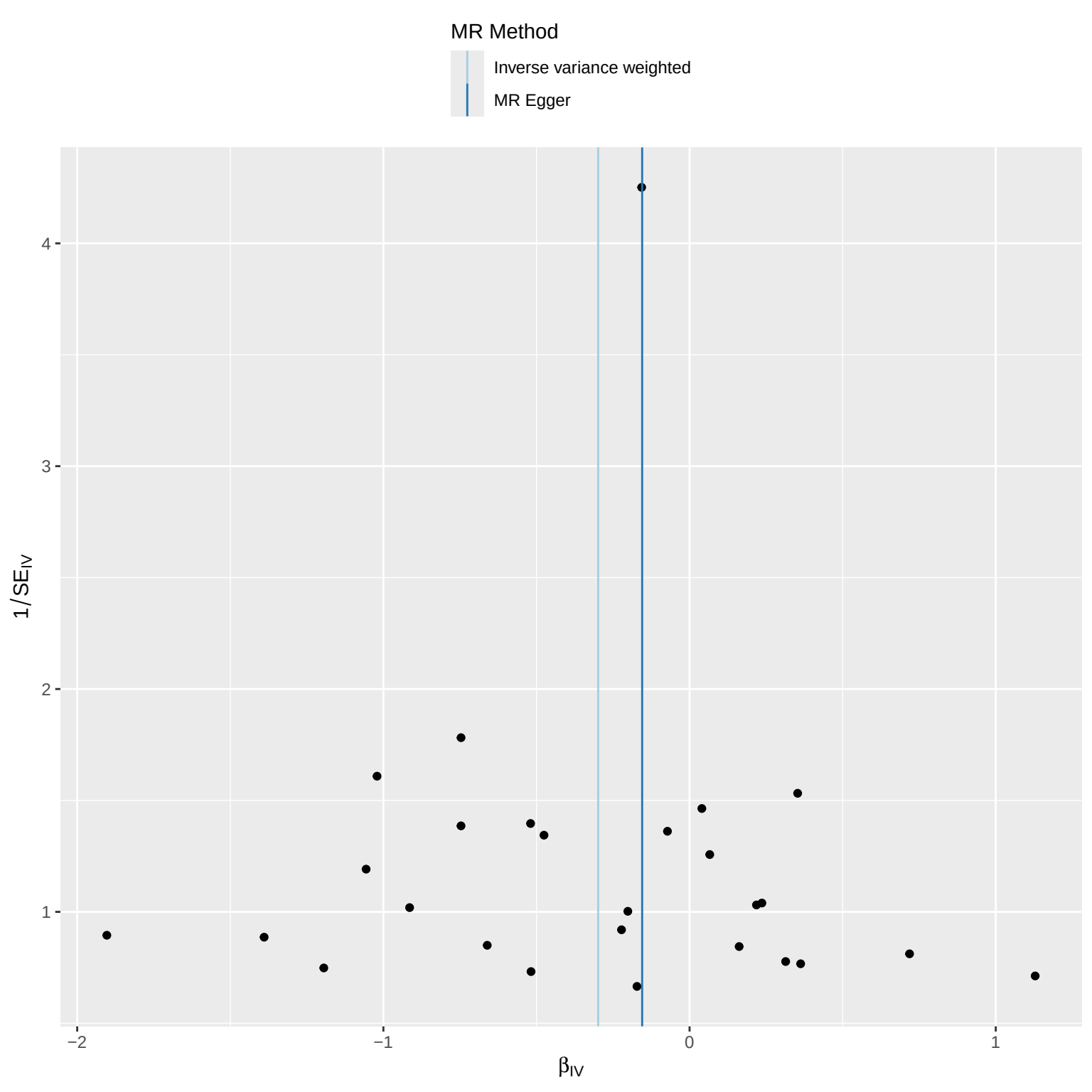

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

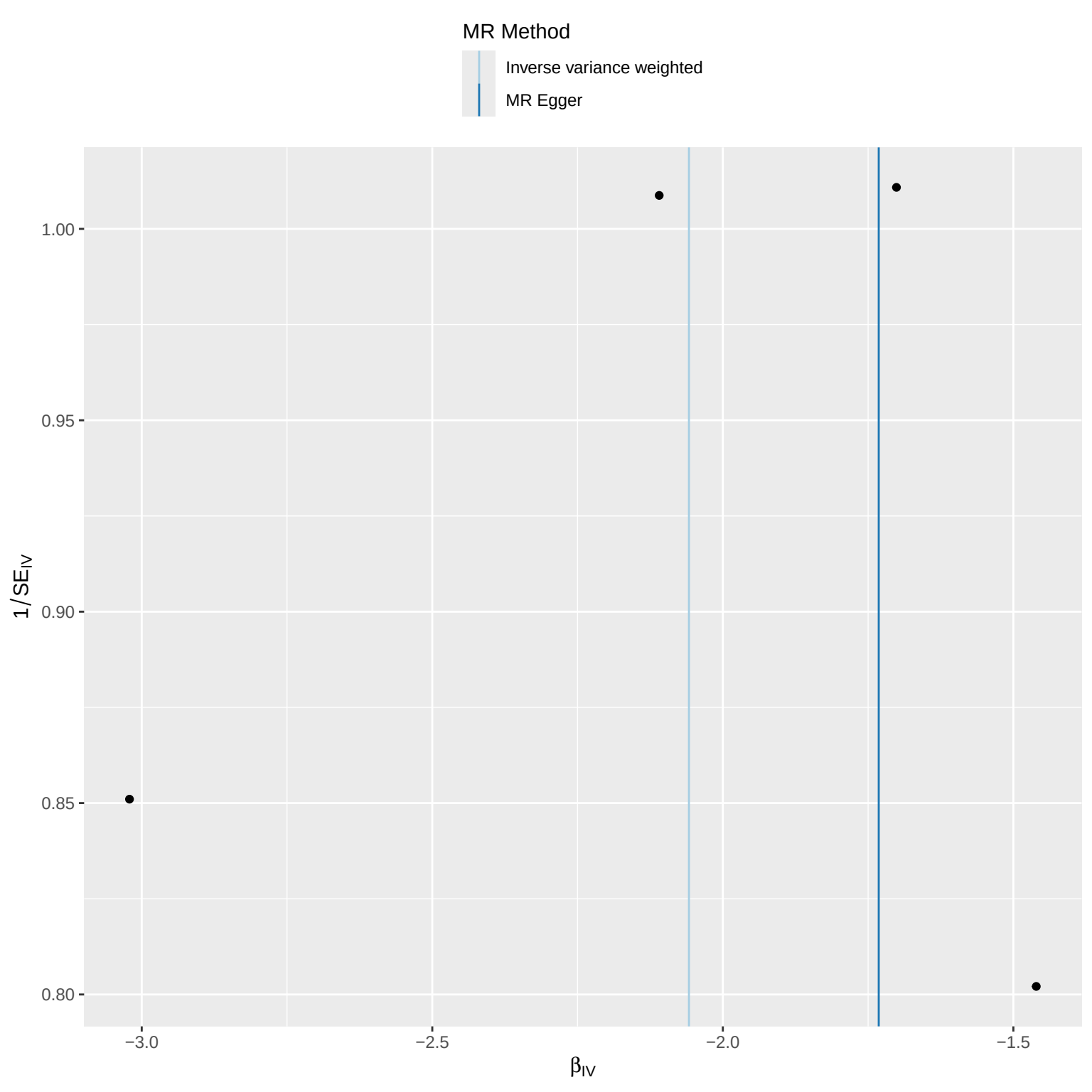

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

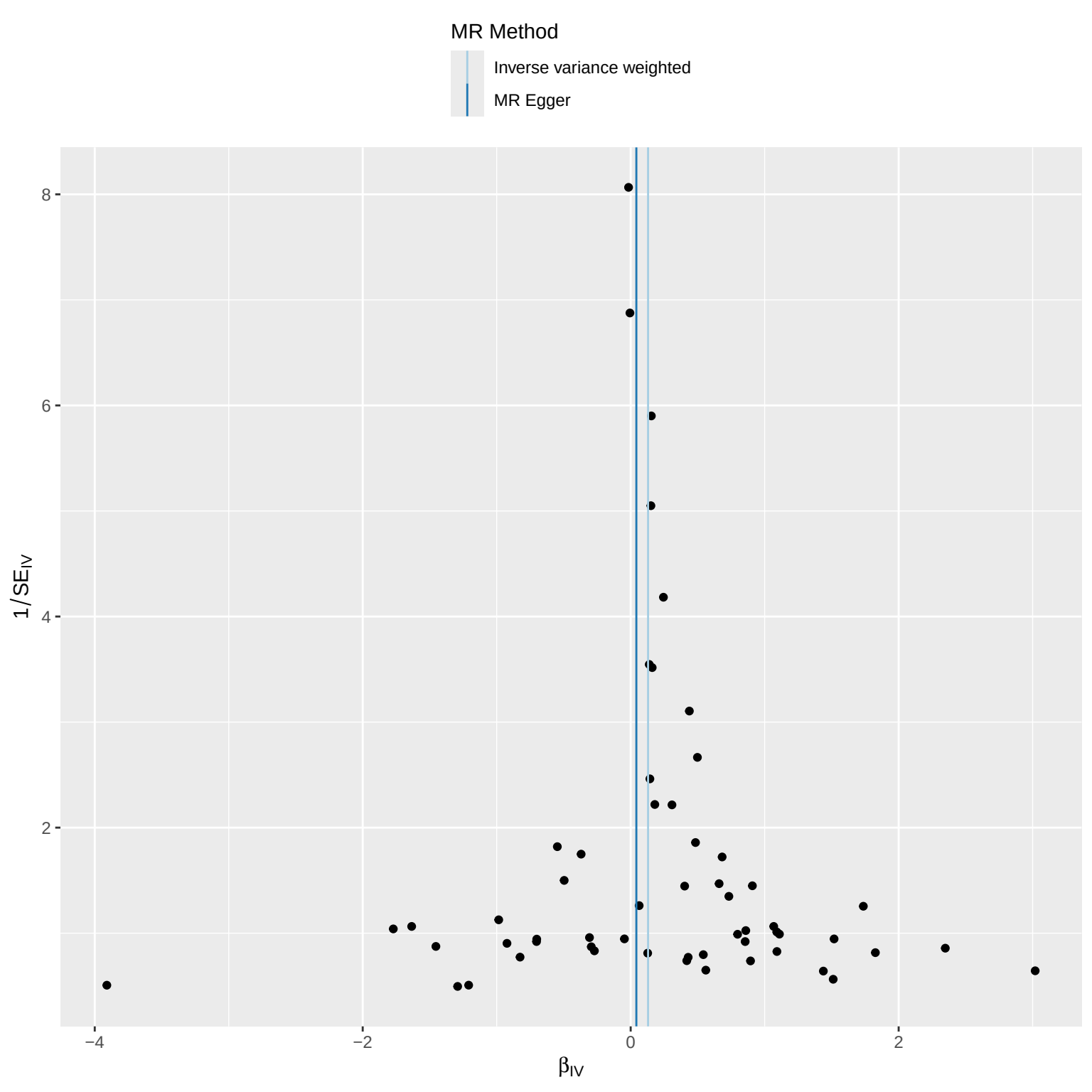

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
β_IV

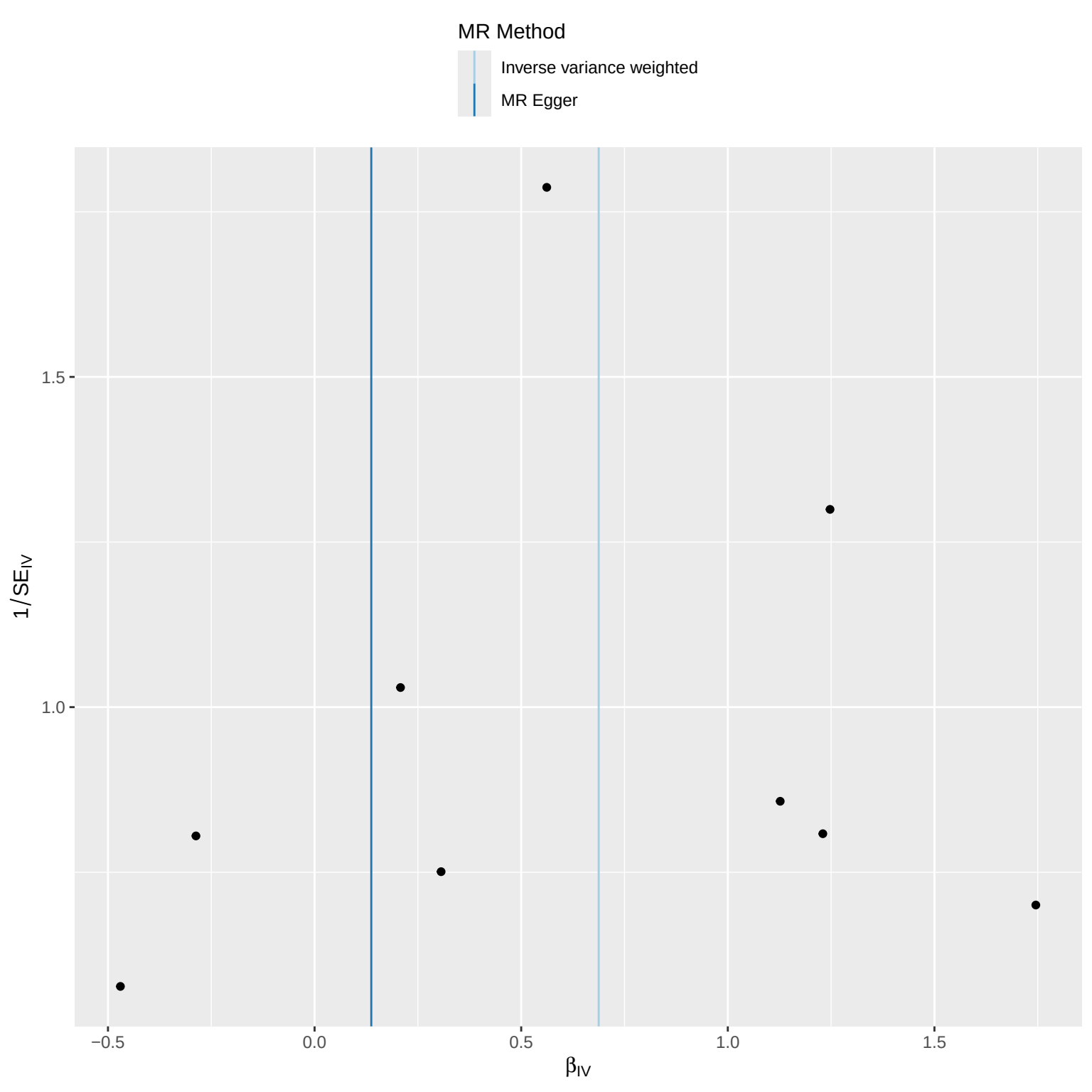

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

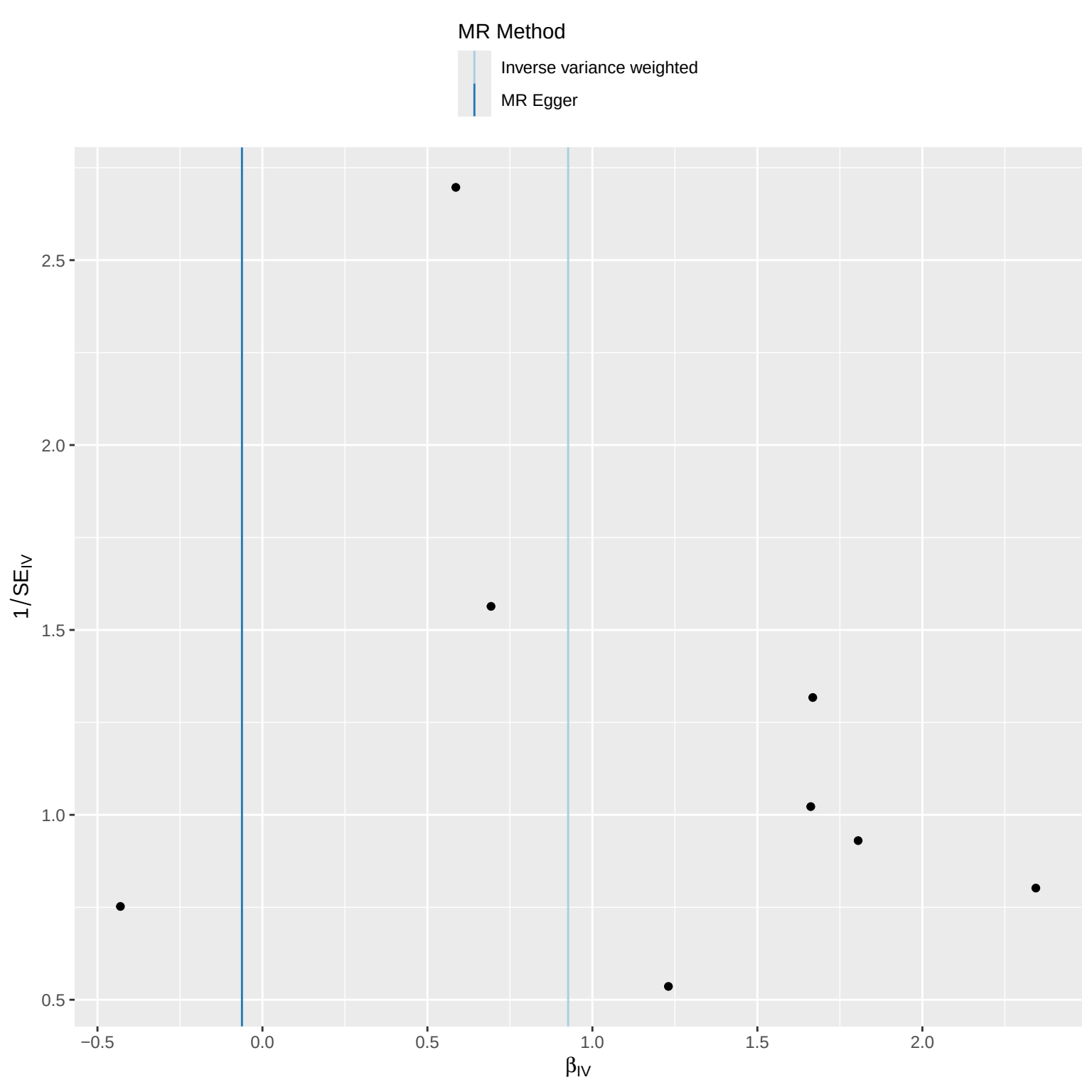

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

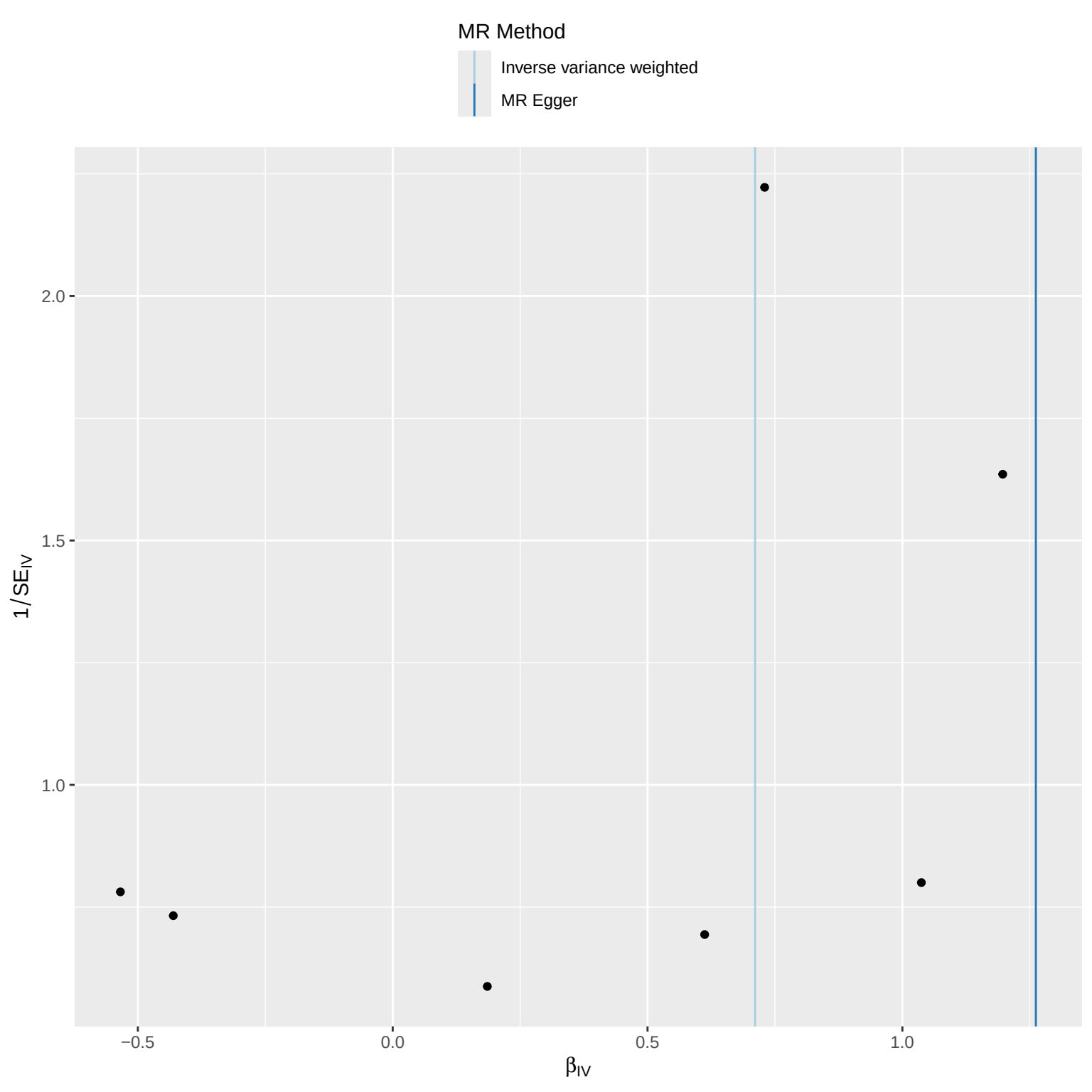

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

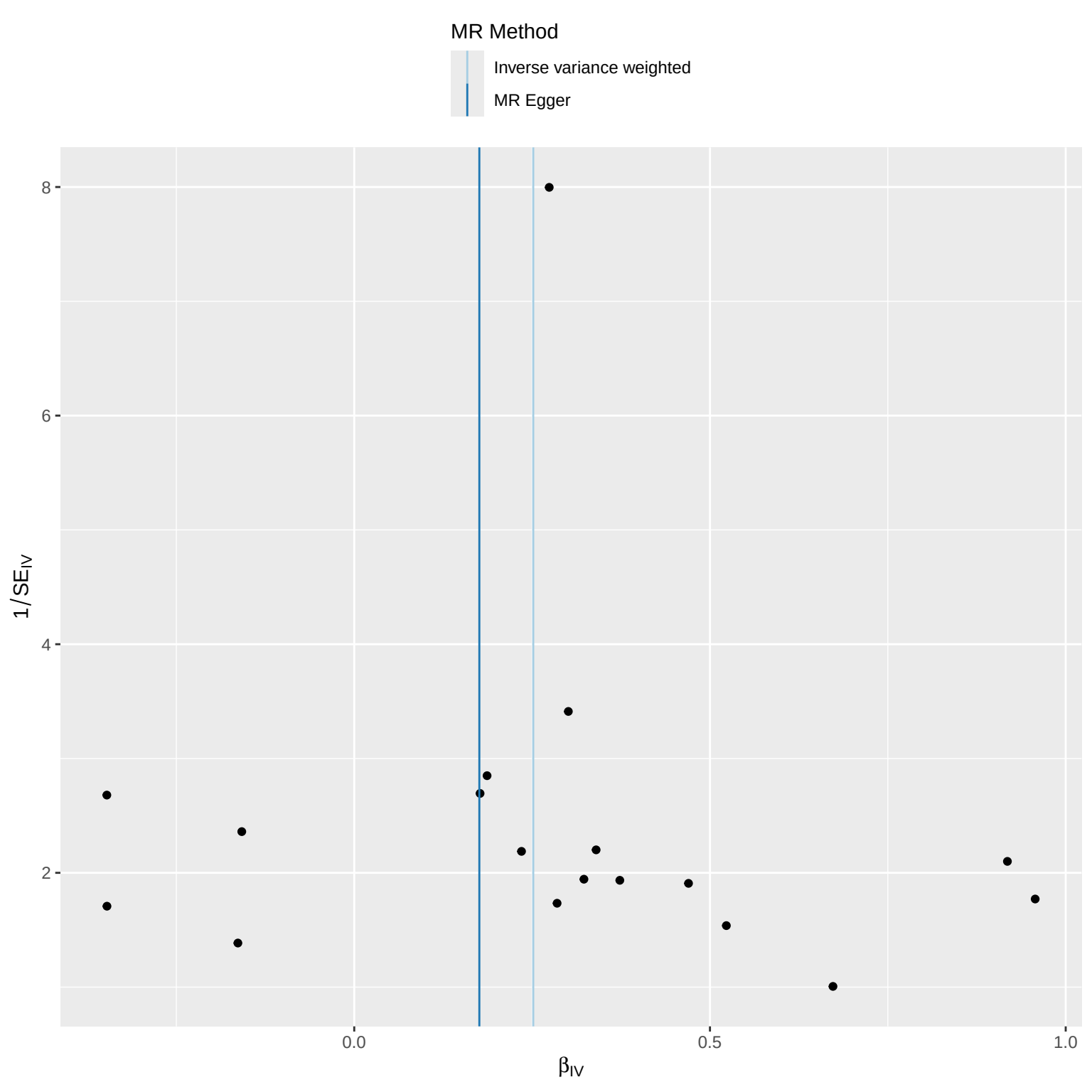

MR Method
Inverse variance weighted
MR Egger
1.00
0.95
0.90
0.85
0.80
1/SE_IV
−3.0
−2.5
−2.0
−1.5
β_IV

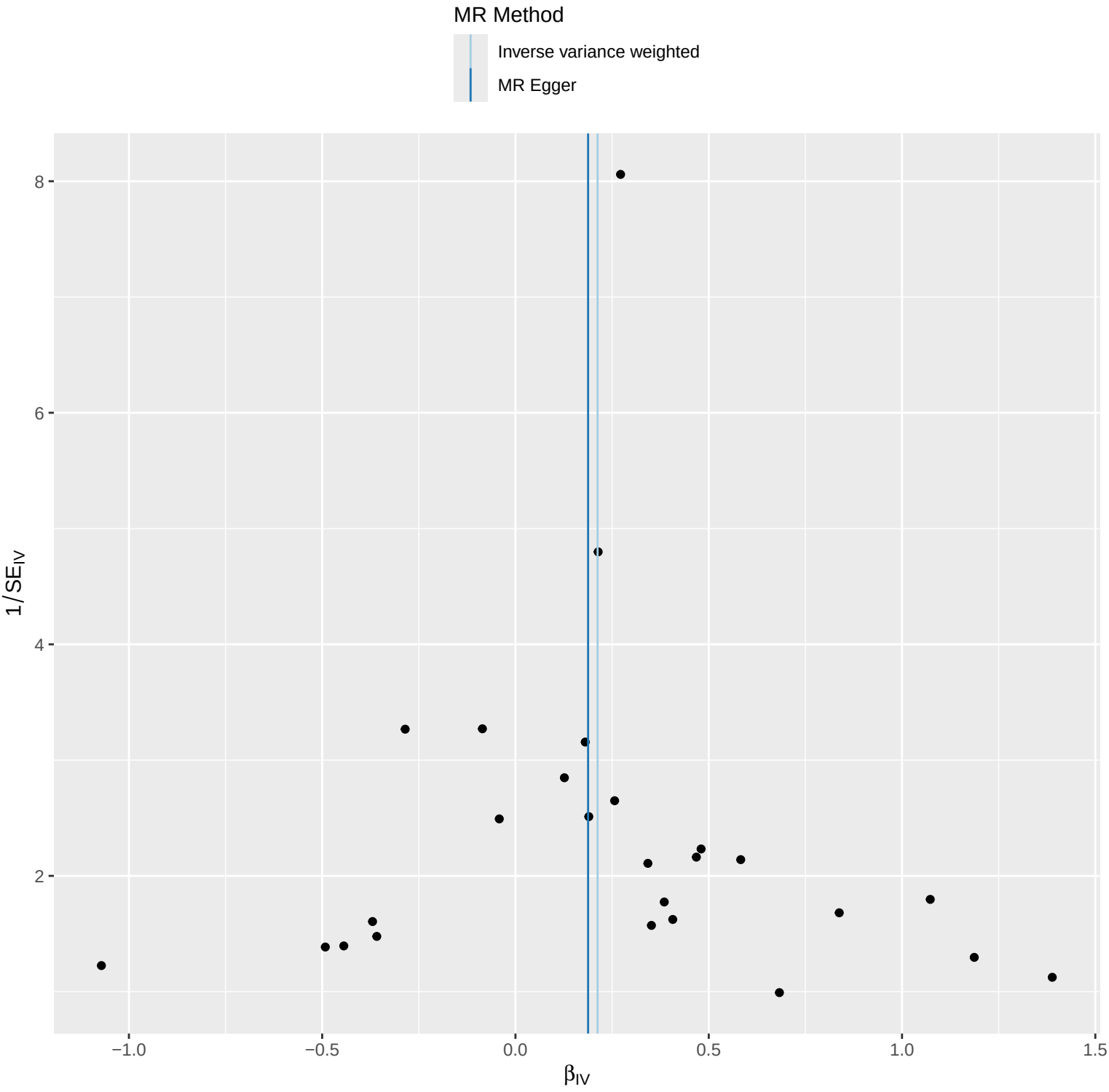

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−4
−2
0
2
β_IV

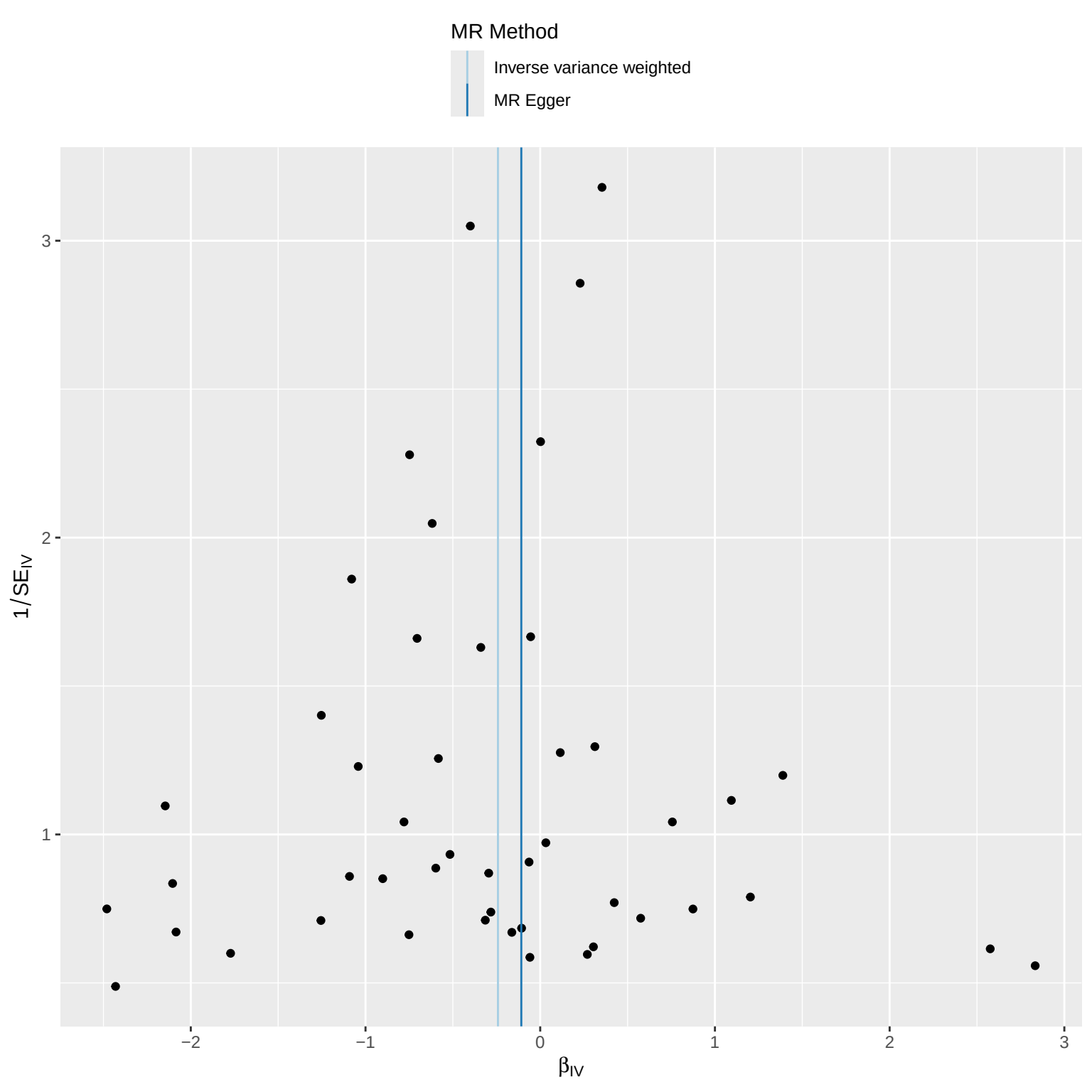

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

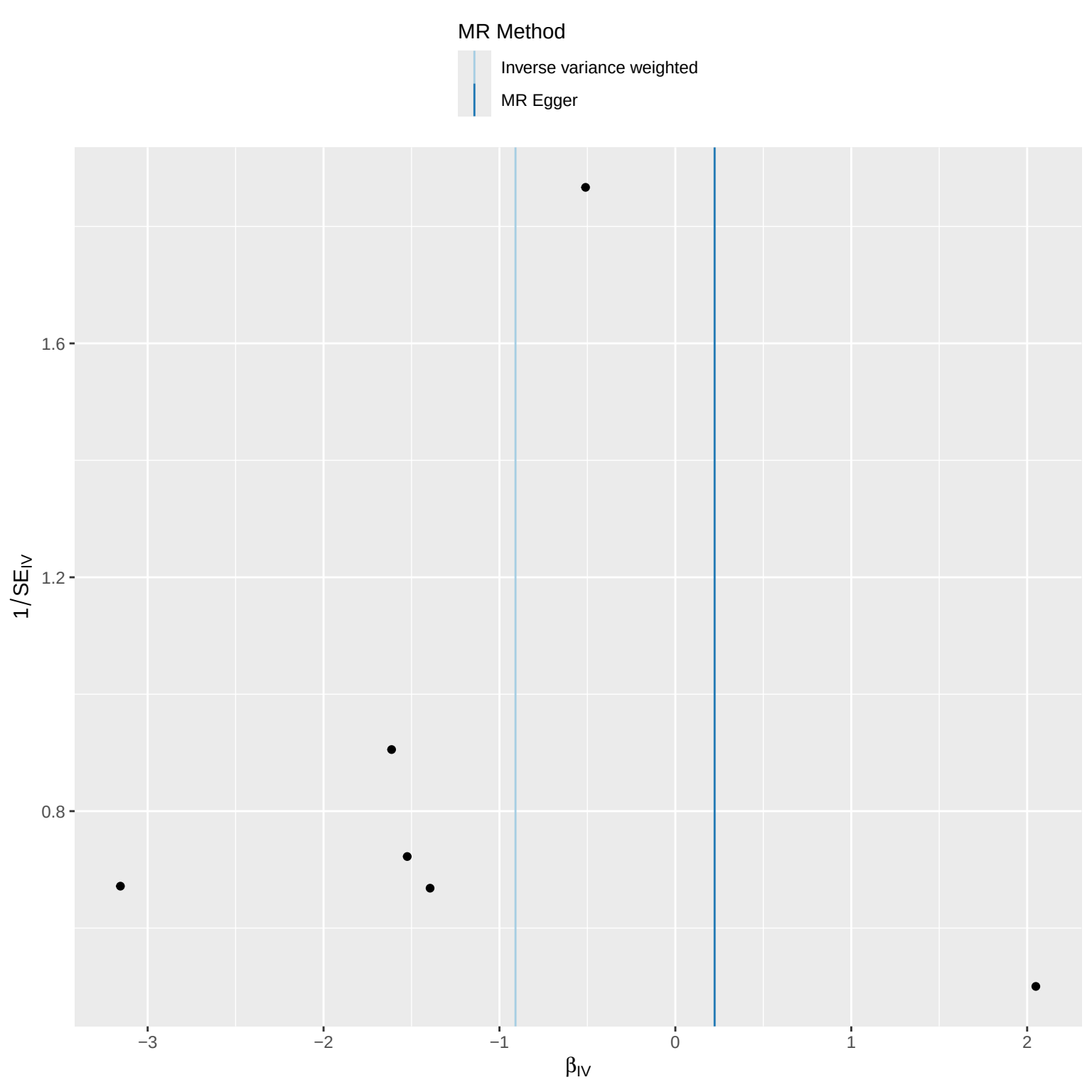

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

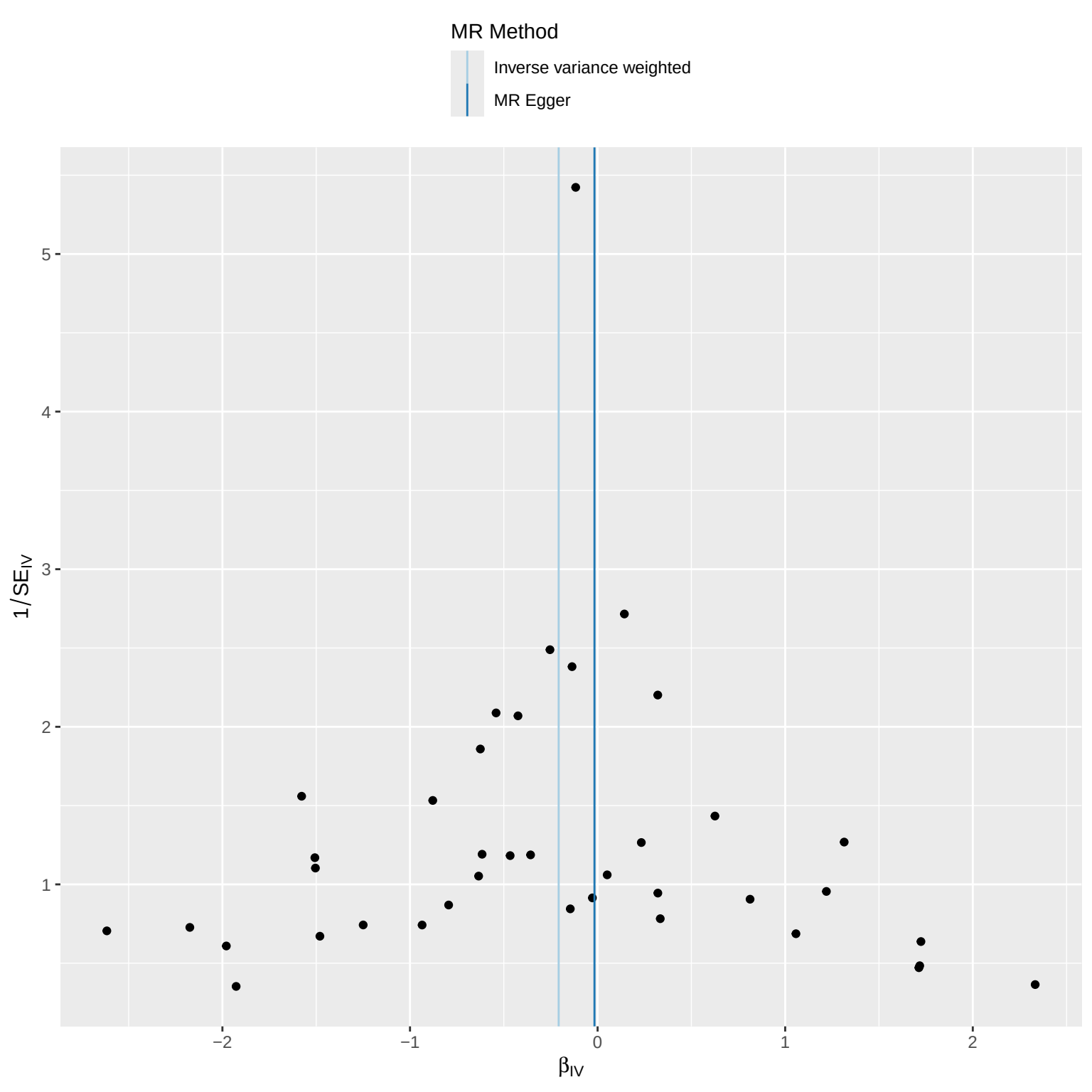

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

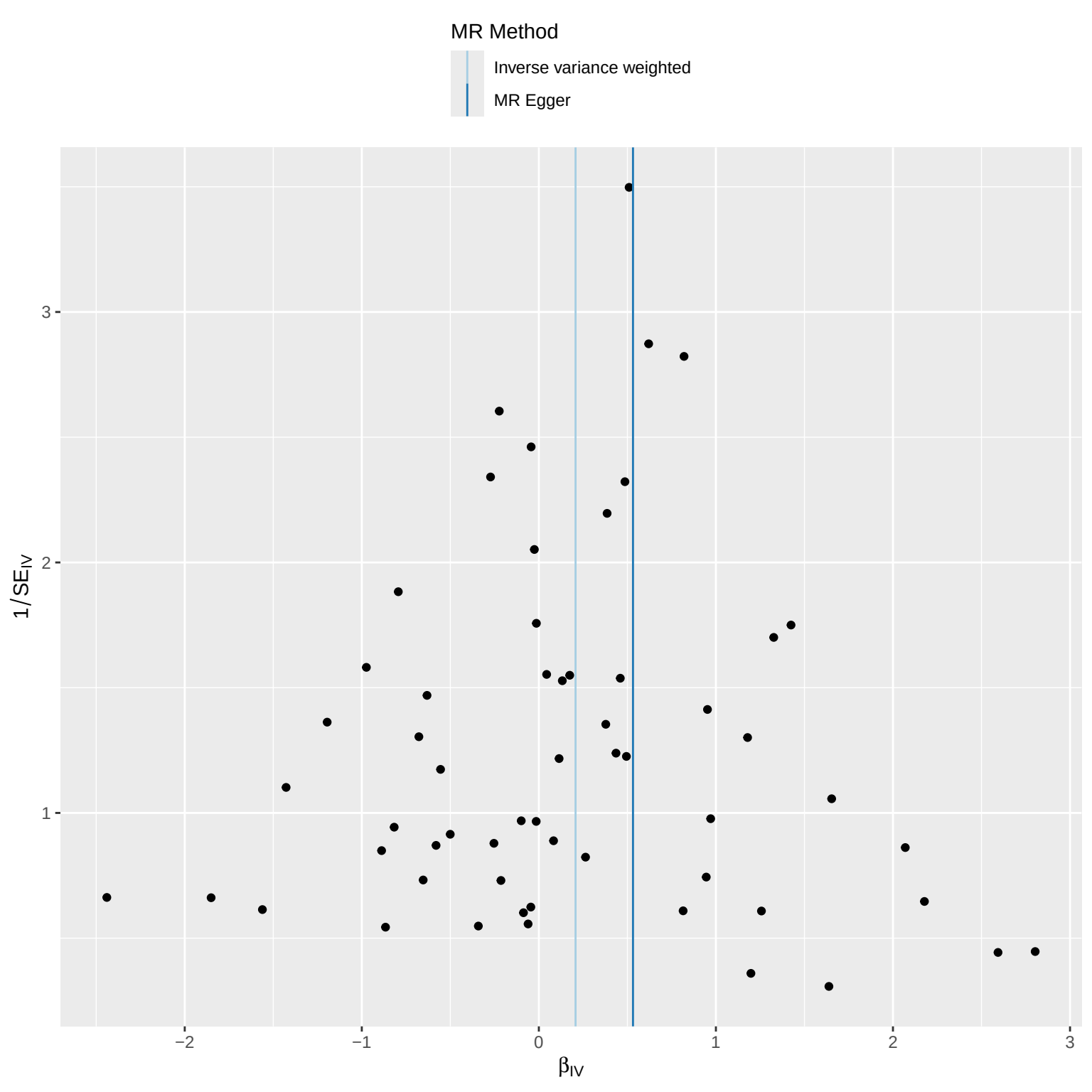

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
0.0
0.5
1.0
β_IV

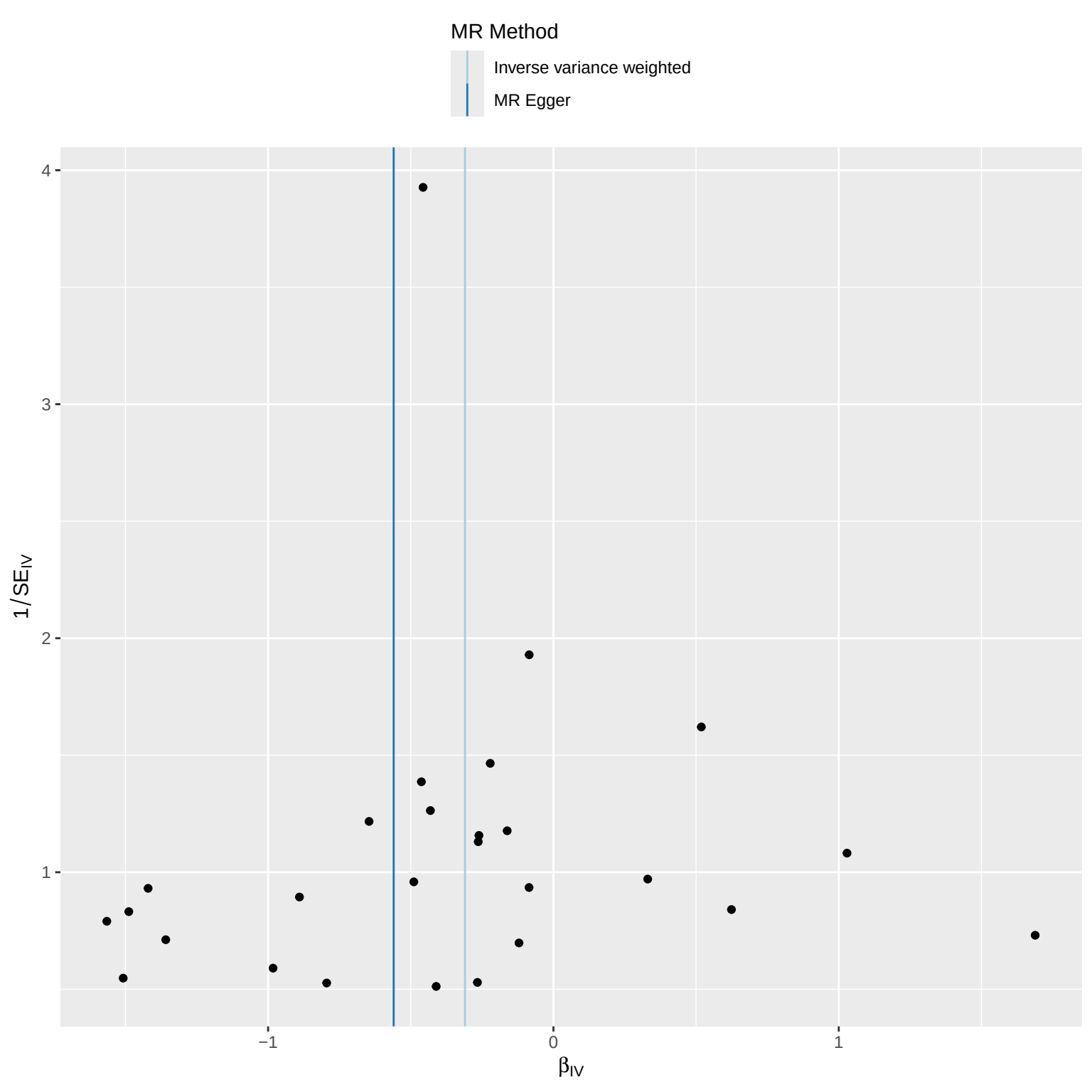

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

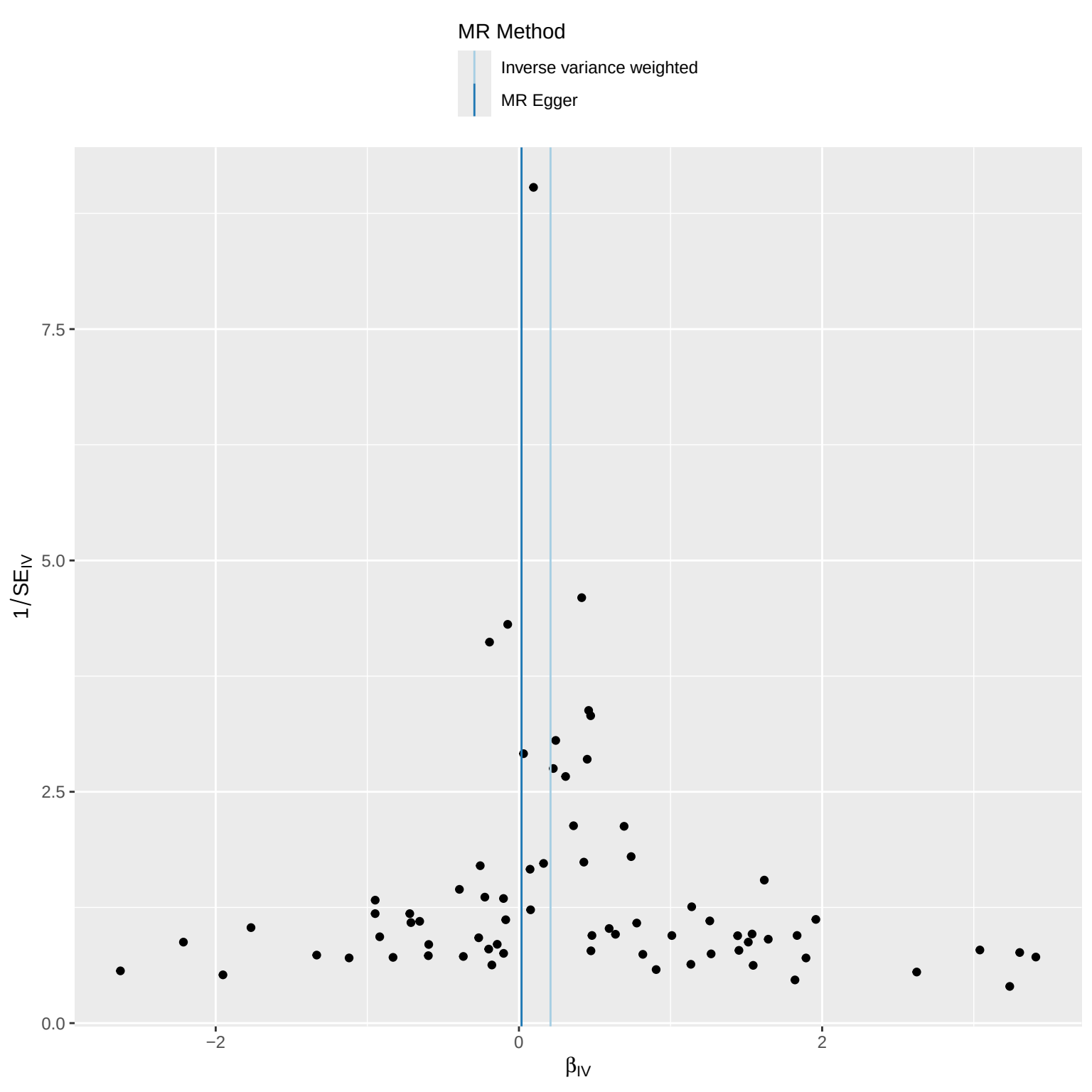

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

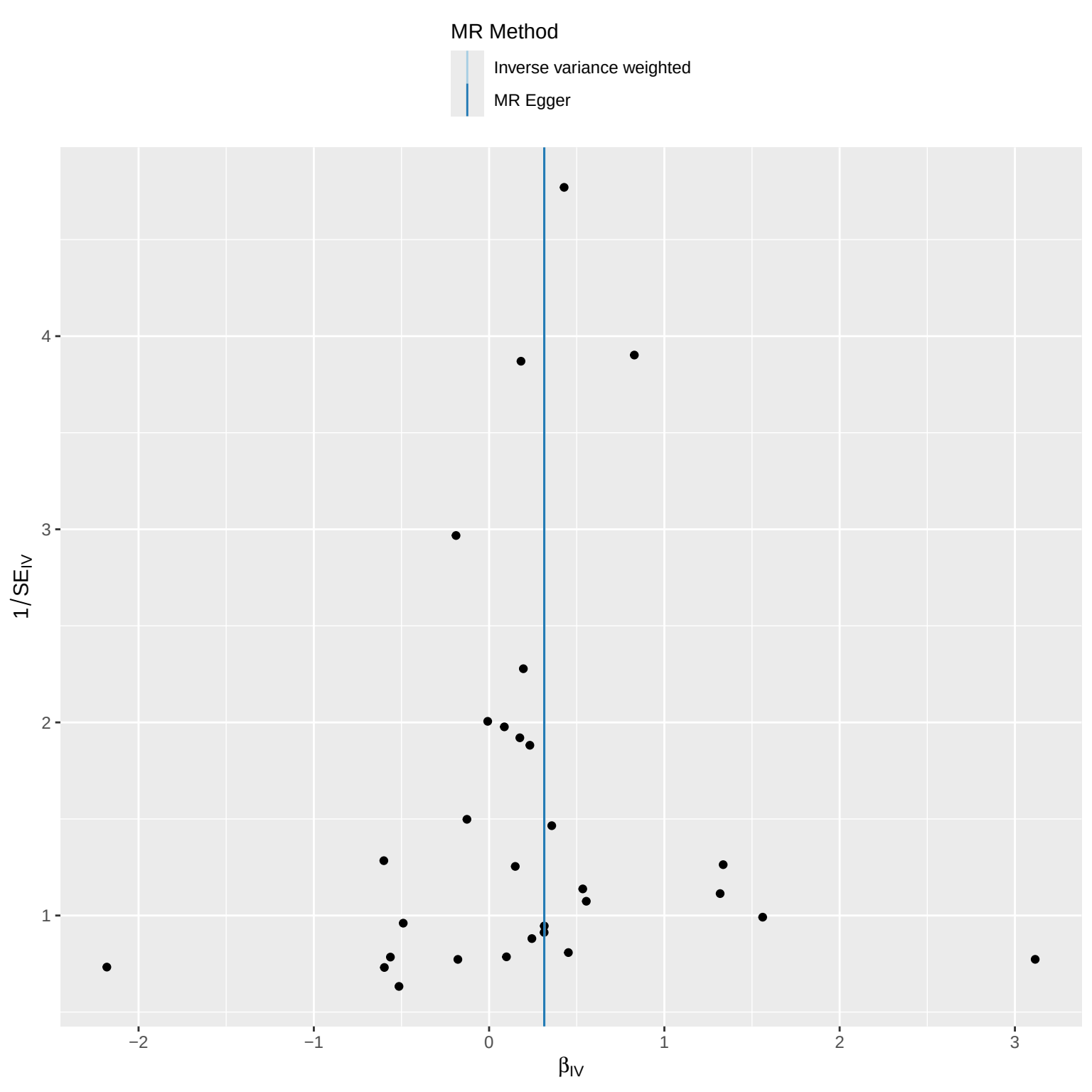

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−3
−2
−1
0
1
2
β_IV

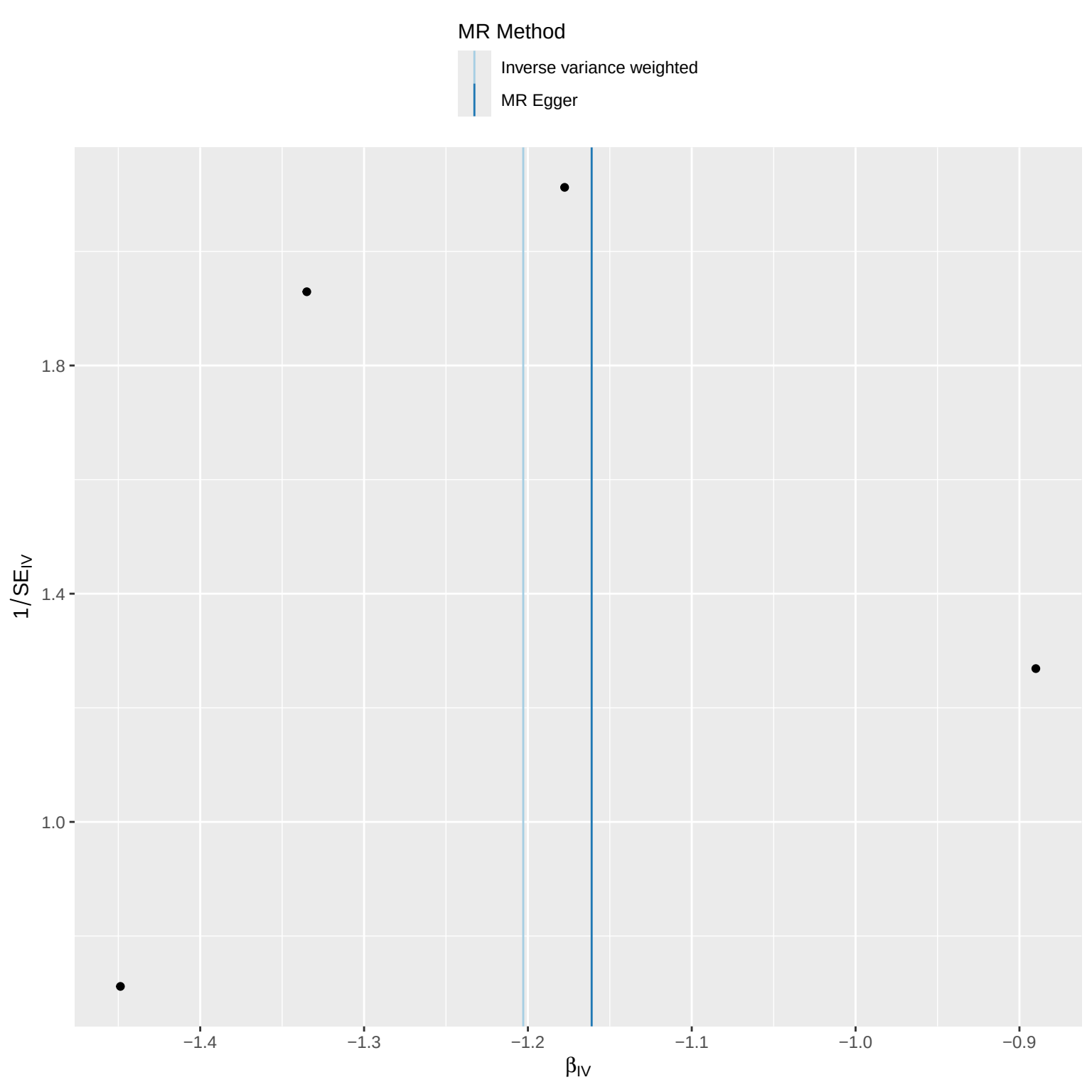

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

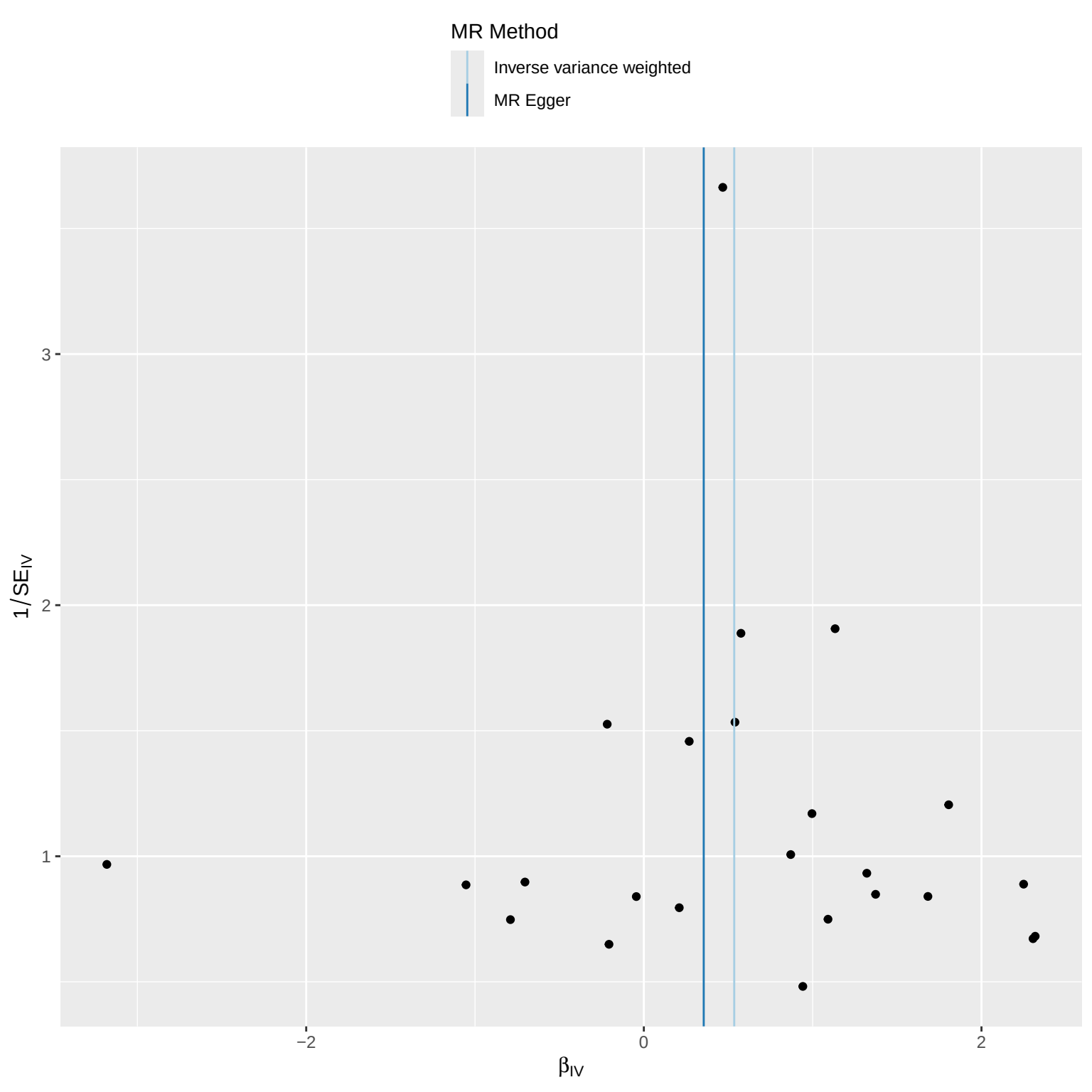

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

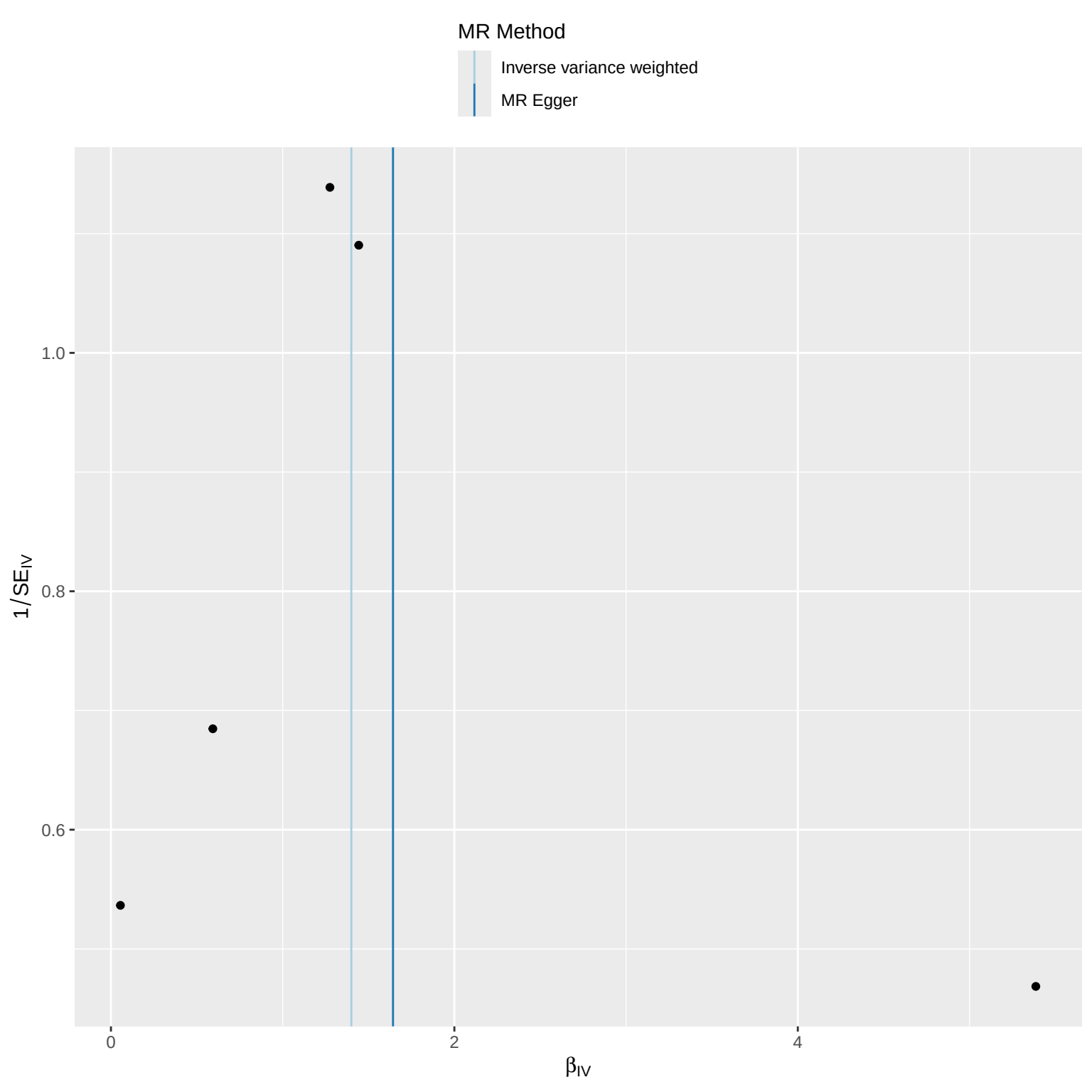

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

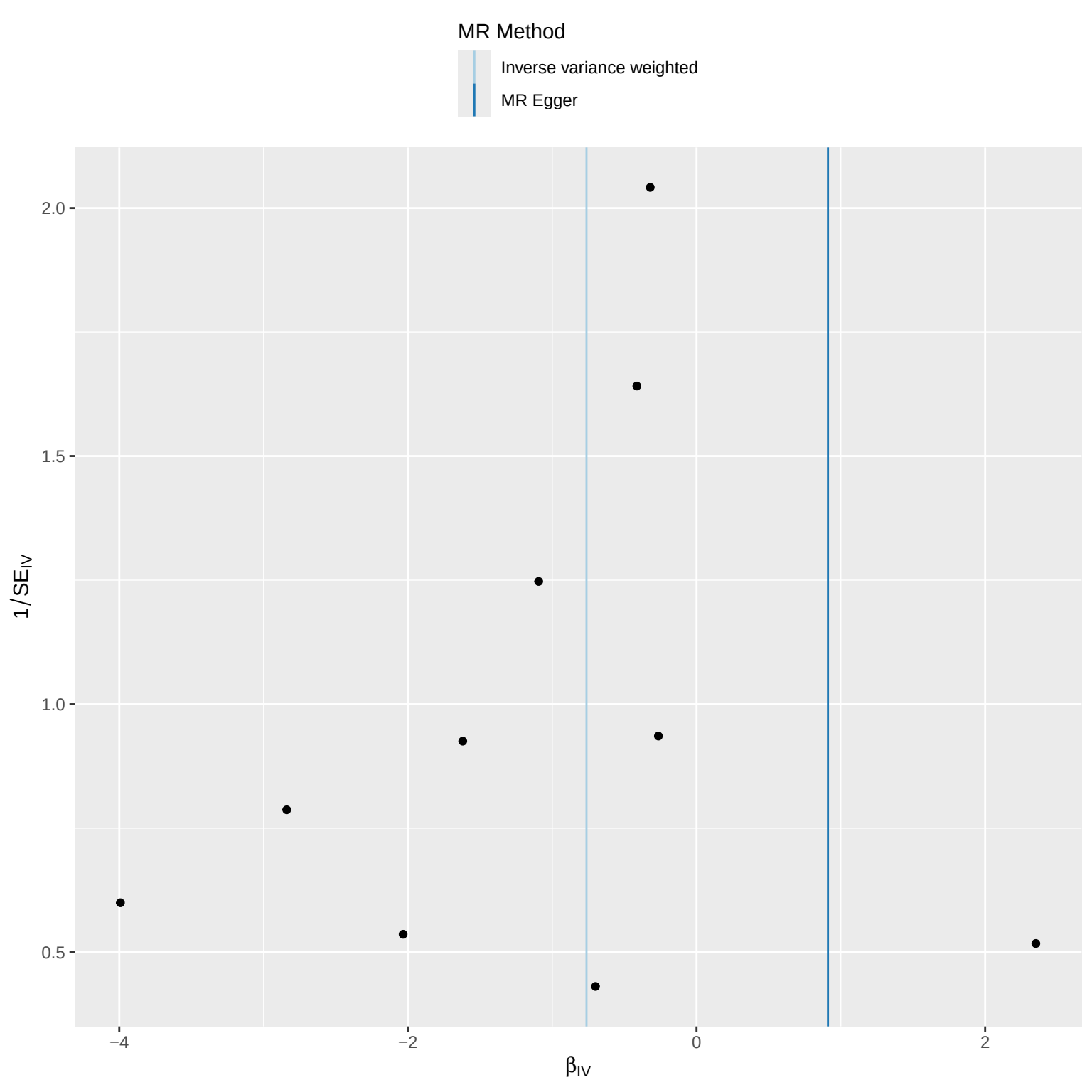

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−2
0
2
β_IV

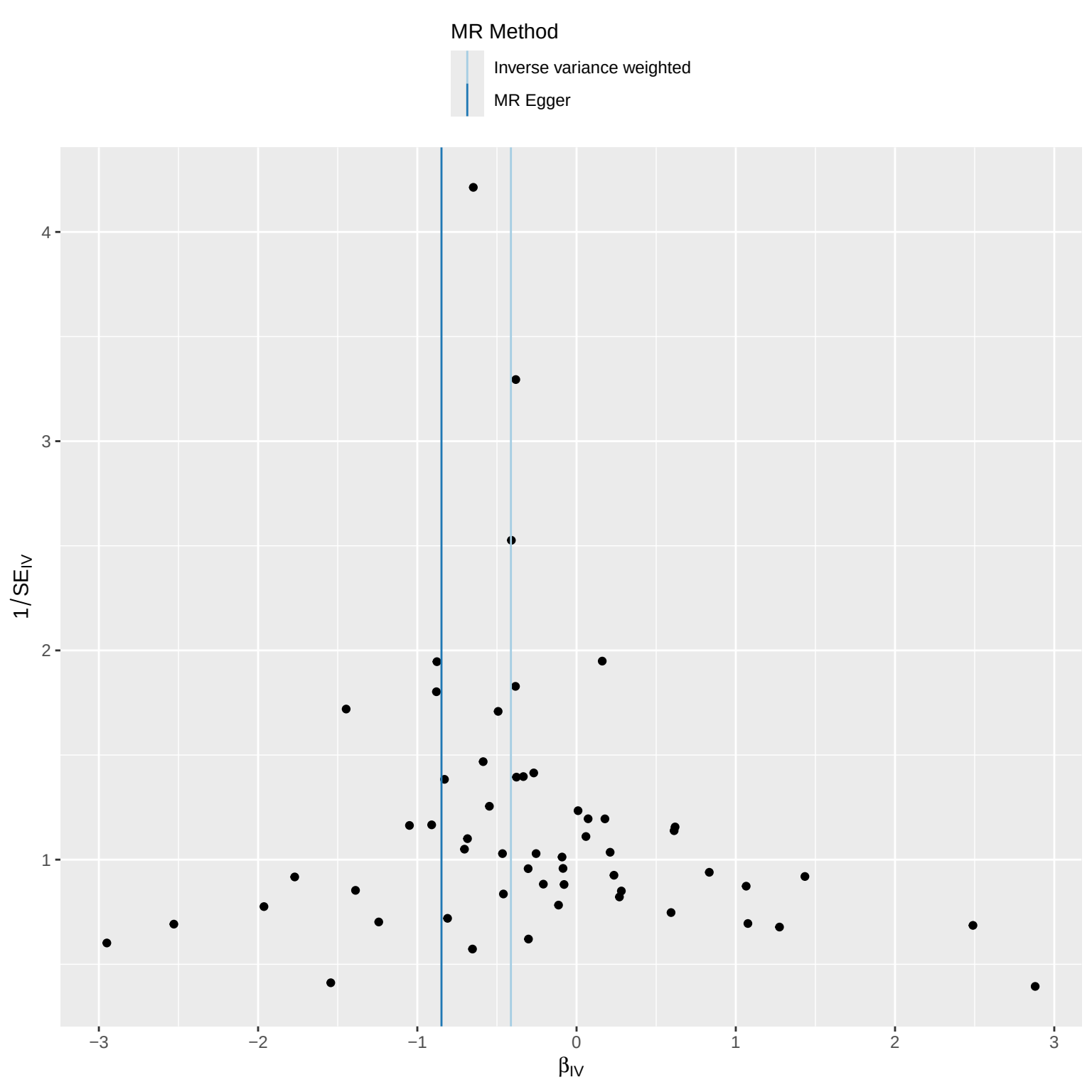

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2
3

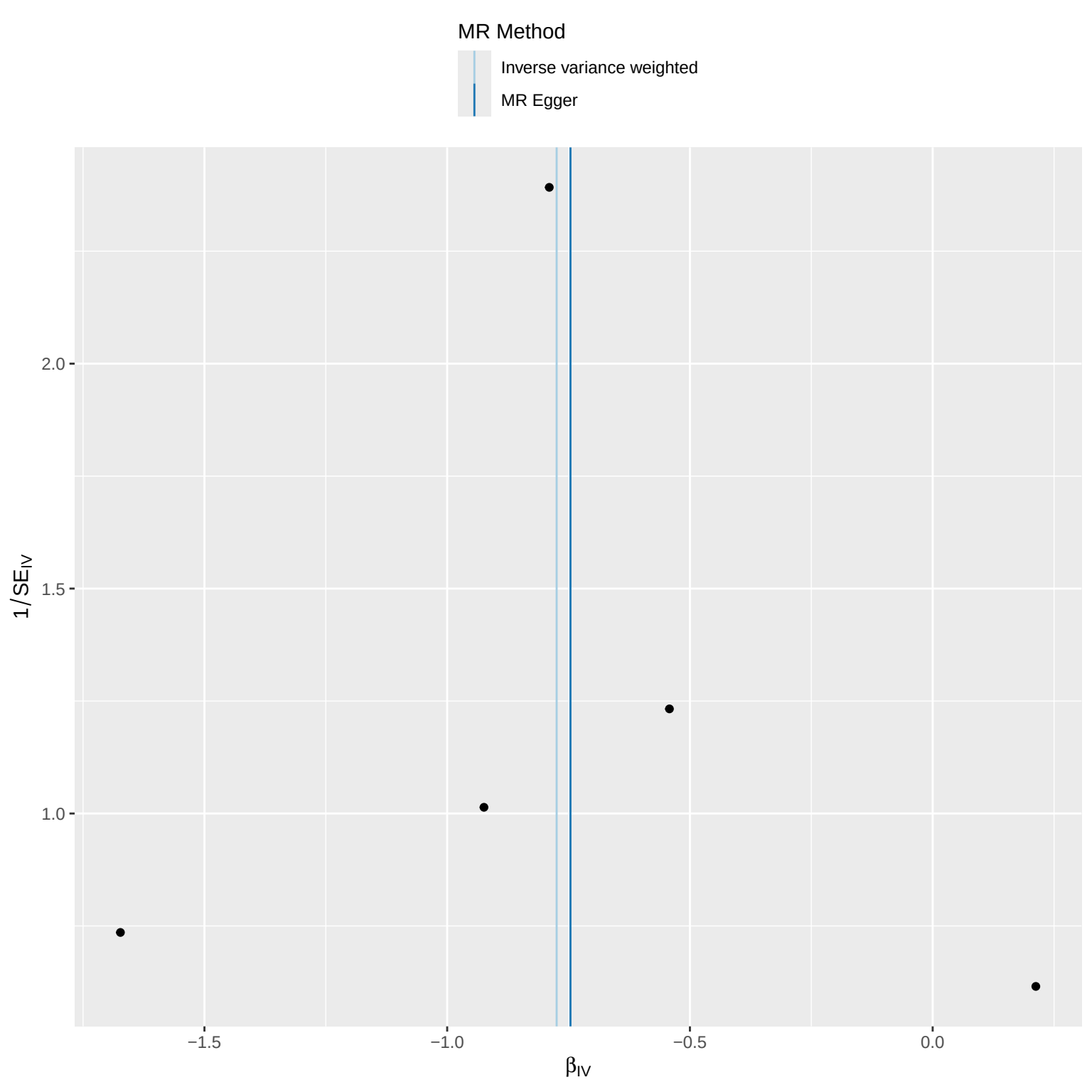

MR Method
Inverse variance weighted
MR Egger
1.8
1.4
1.0
1/SE_IV
−1.4
−1.3
−1.2
−1.1
−1.0
−0.9
β_IV

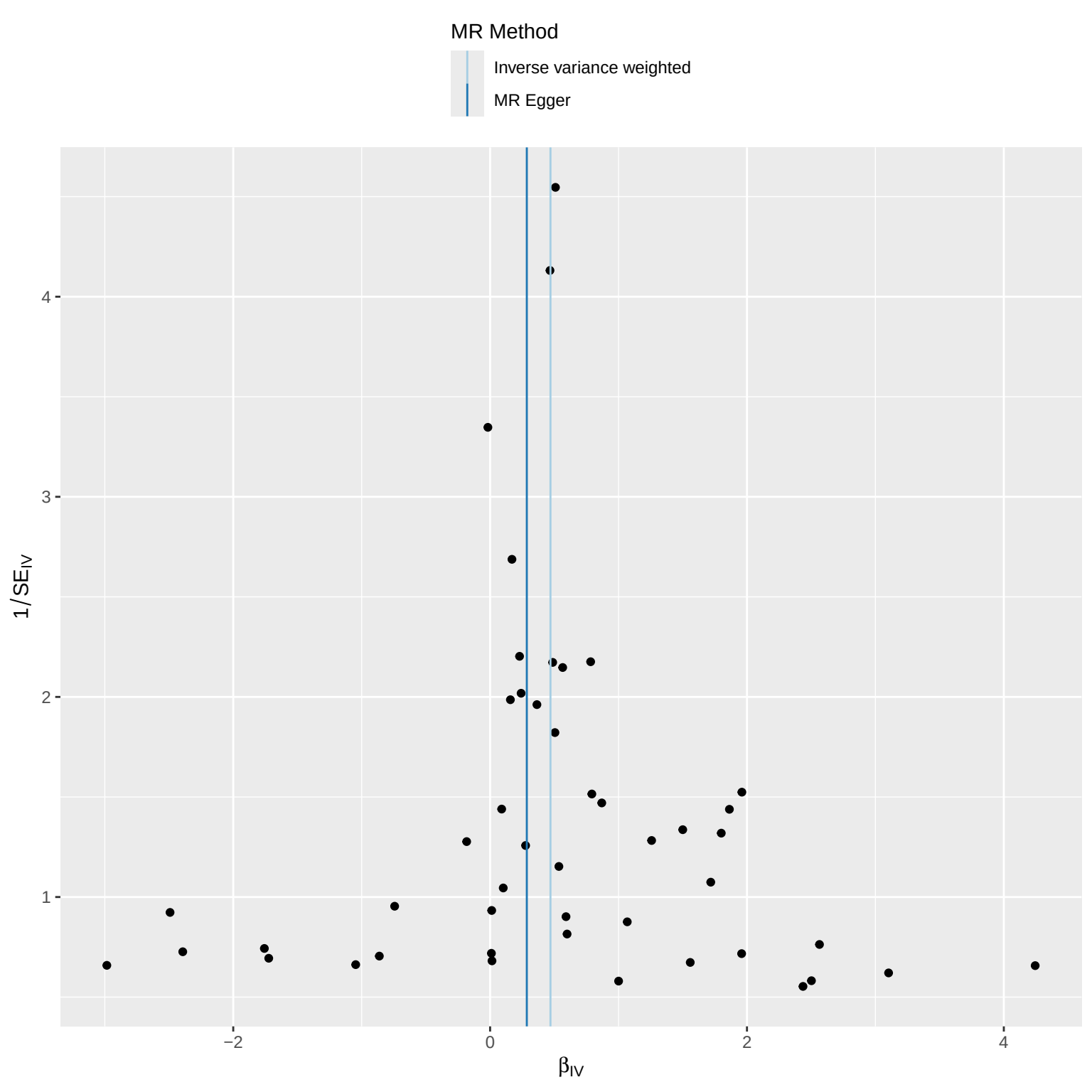

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

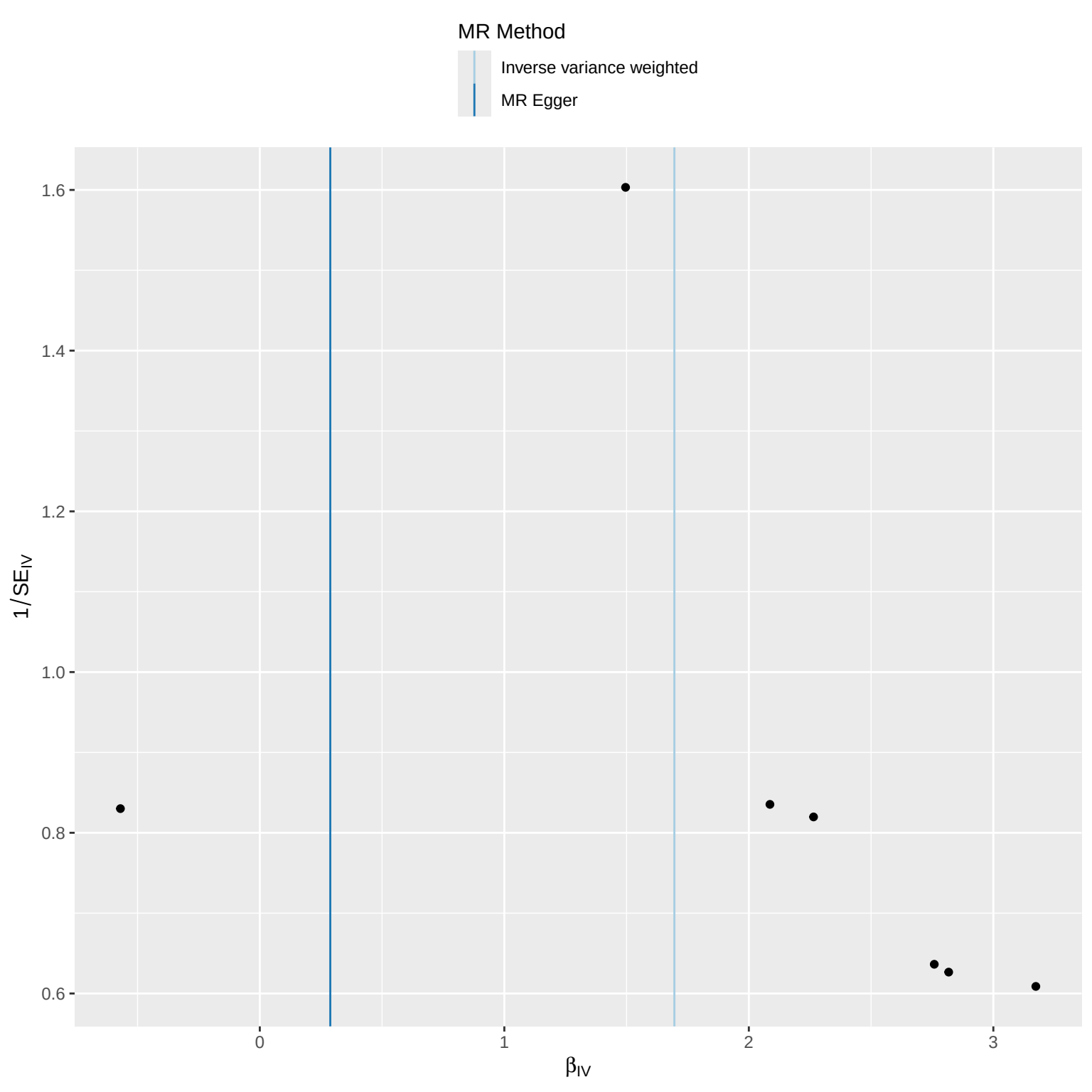

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
0
2
4
β_IV

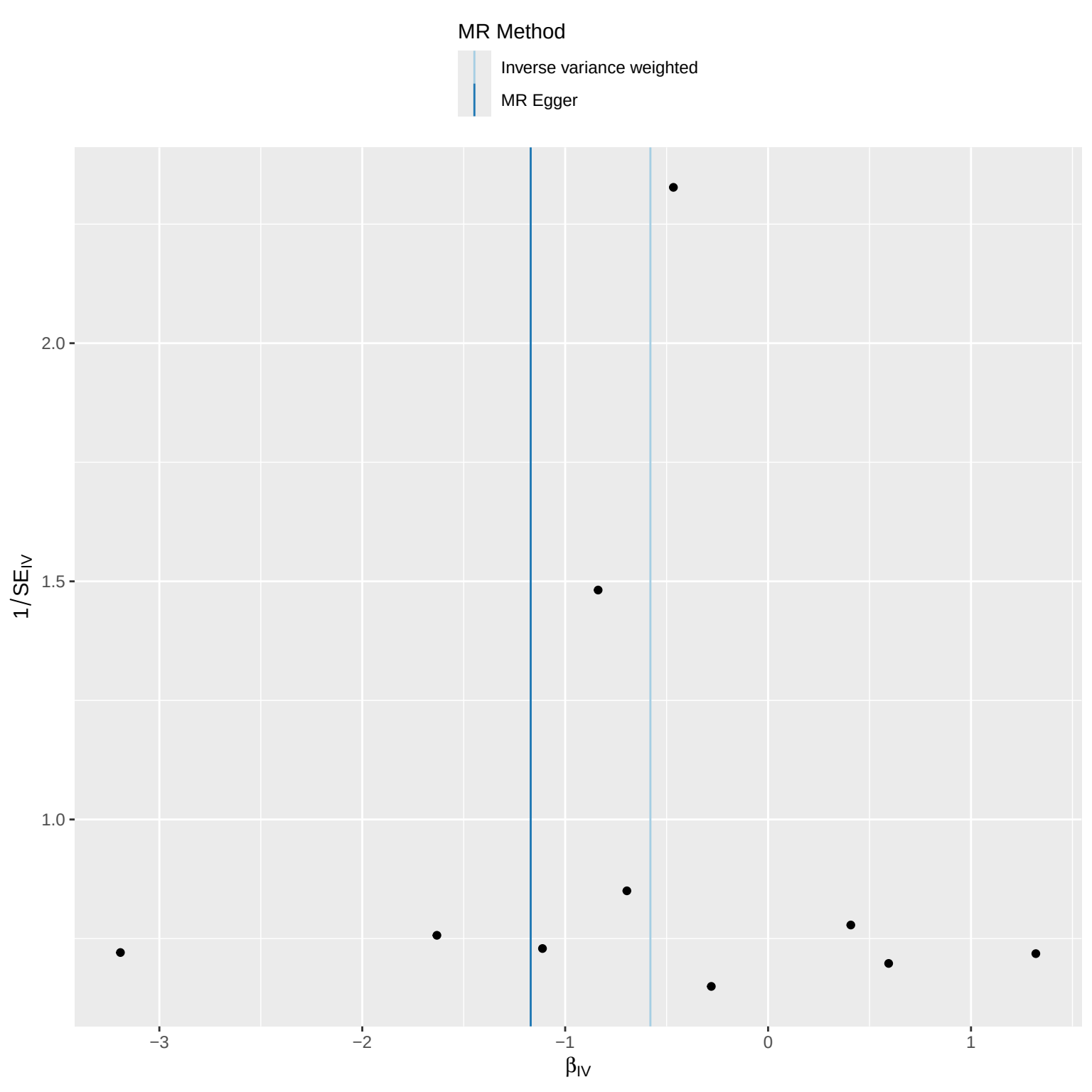

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

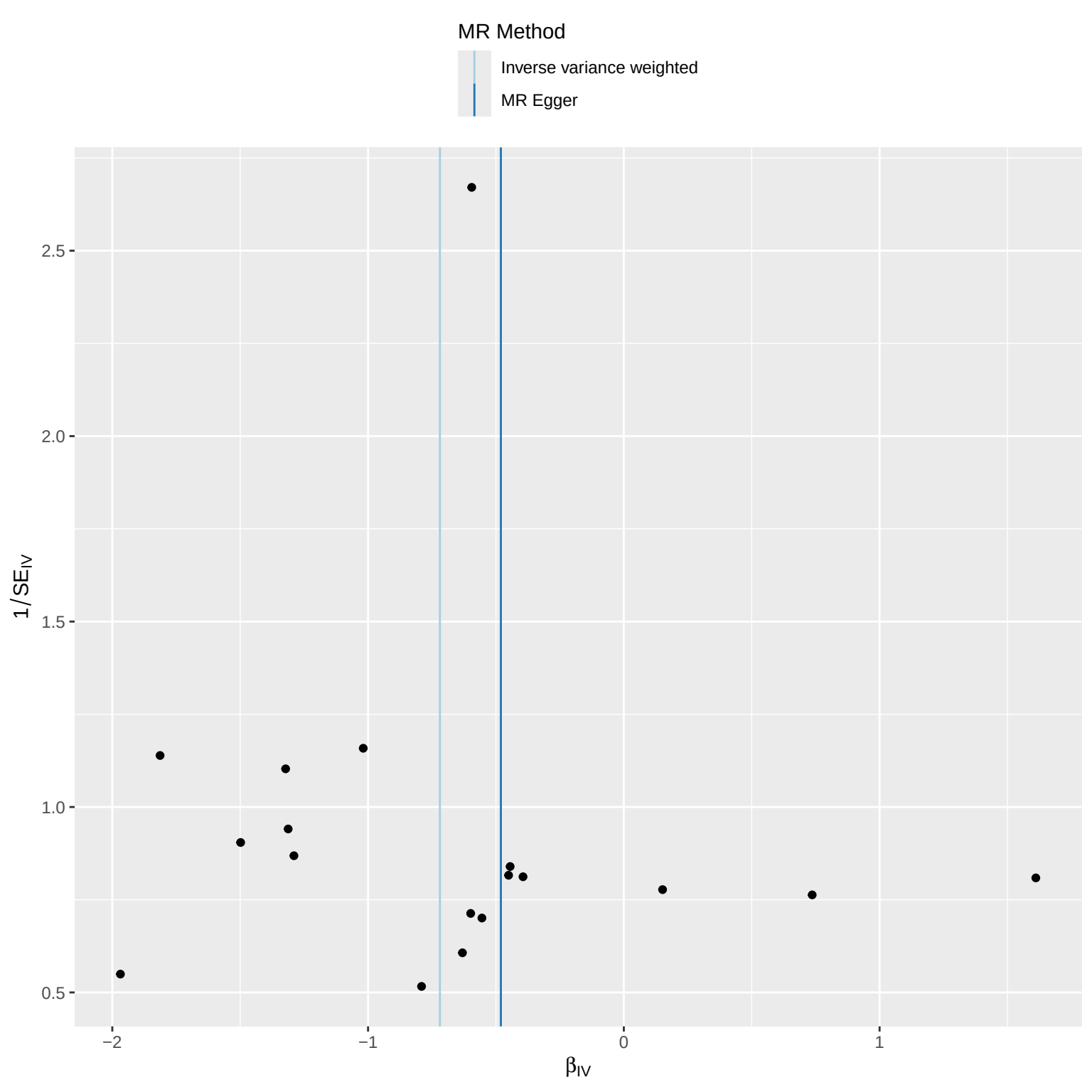

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

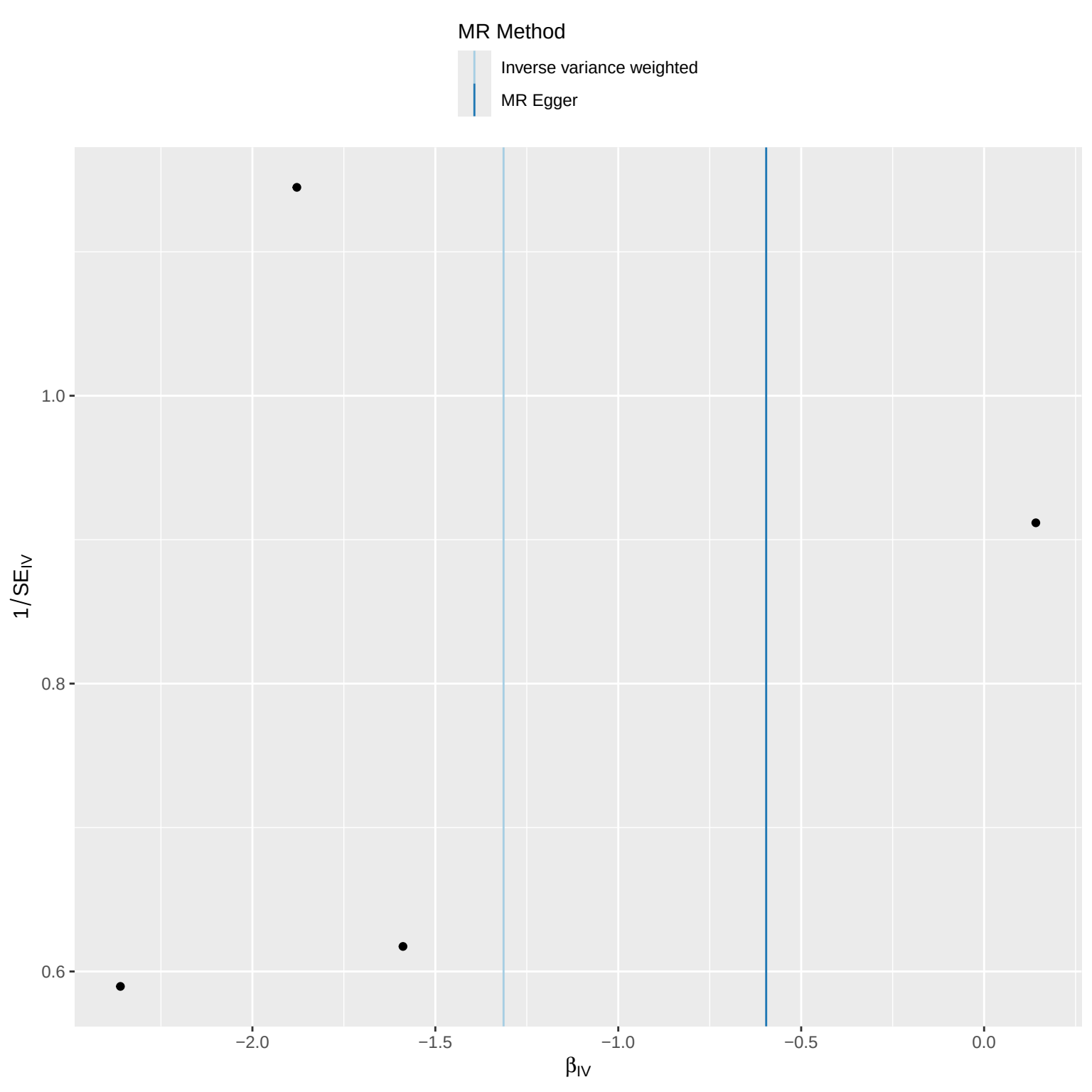

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

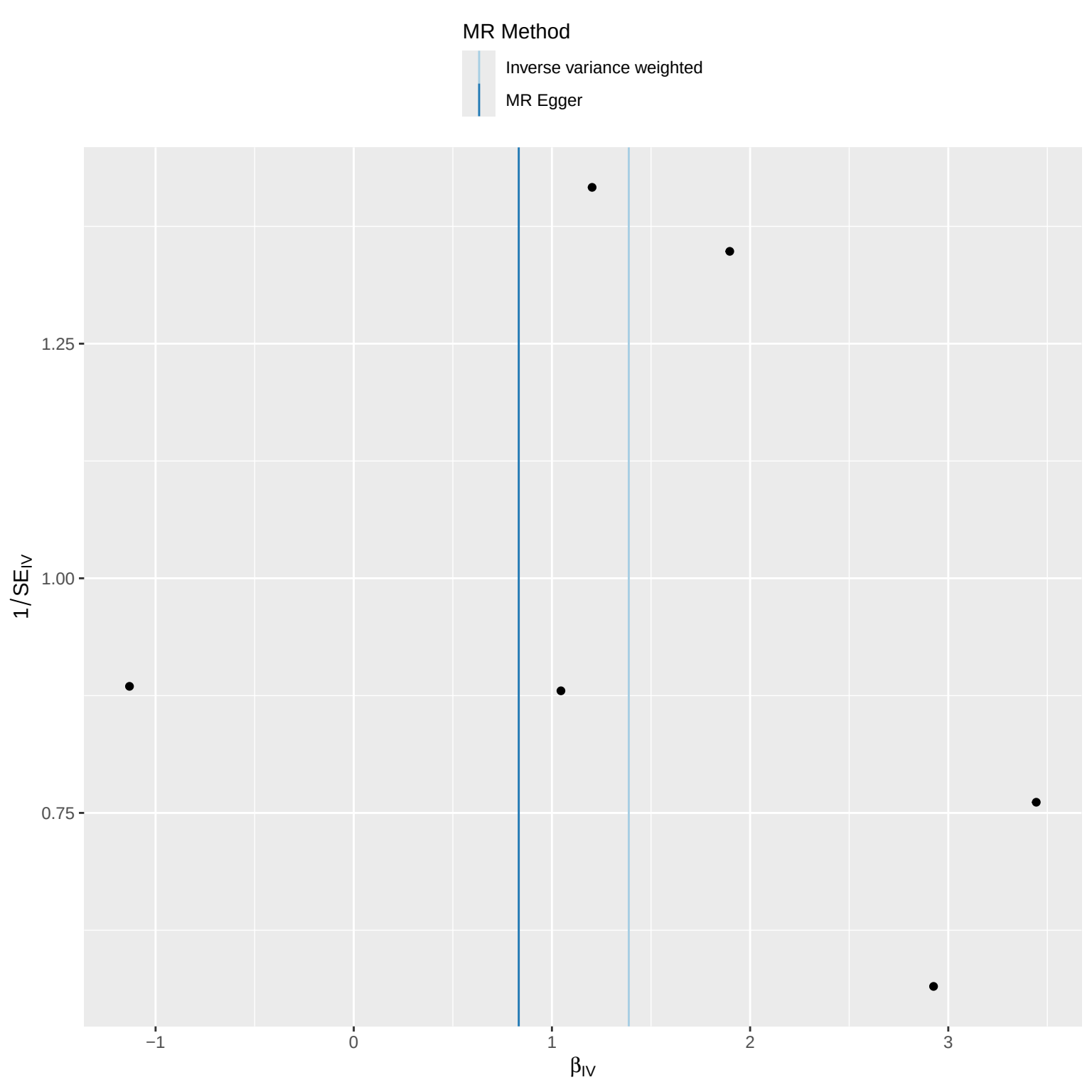

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

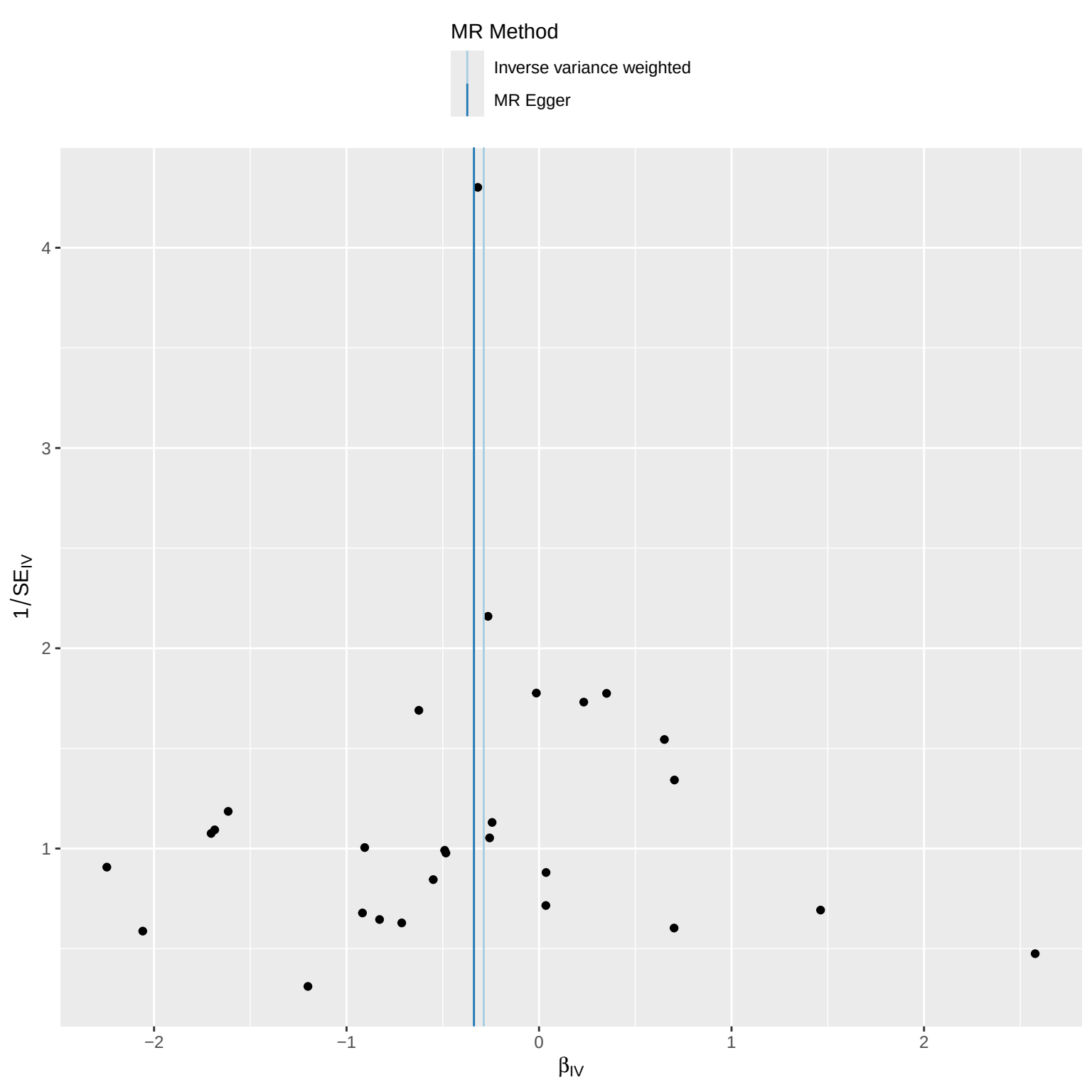

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

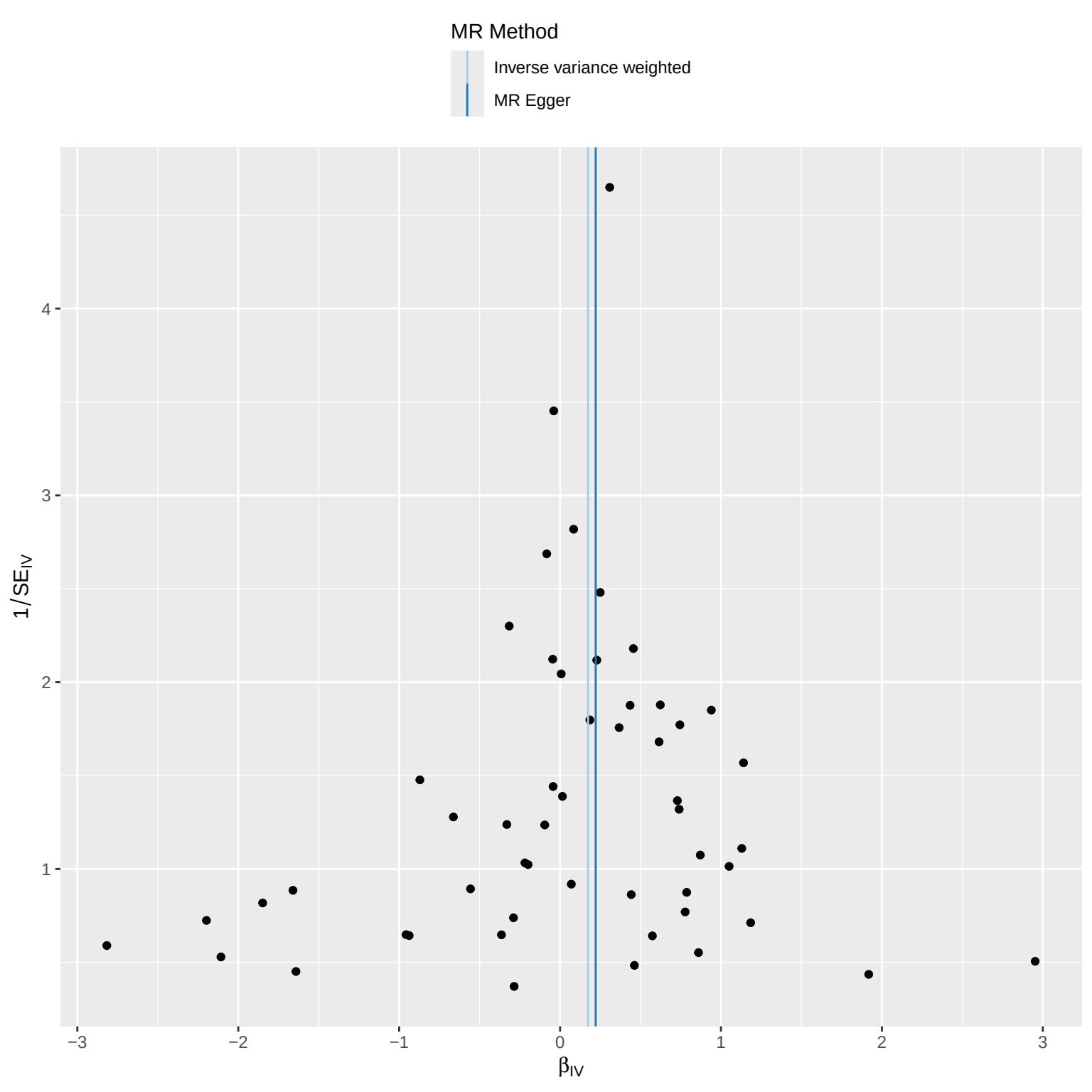

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
β_IV

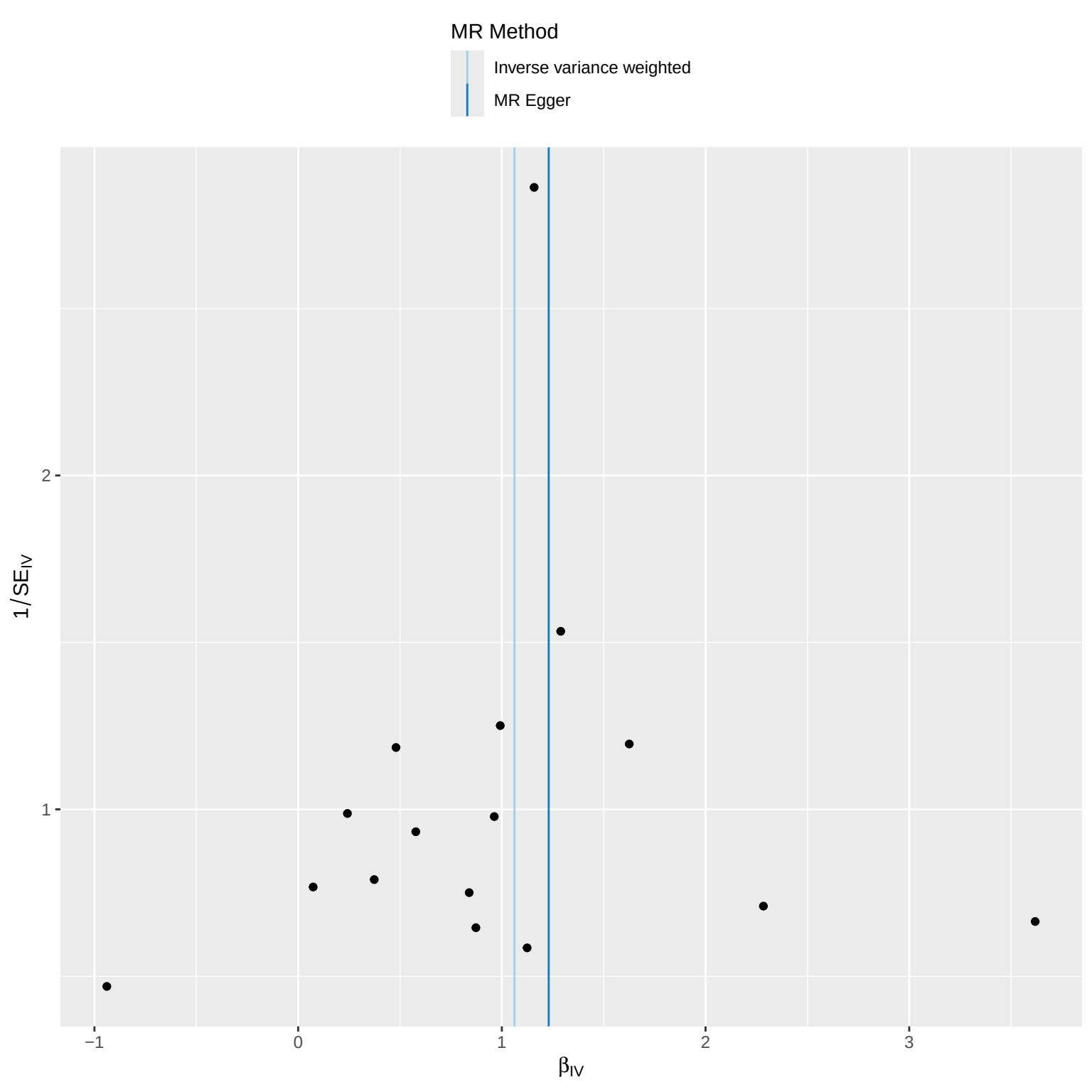

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

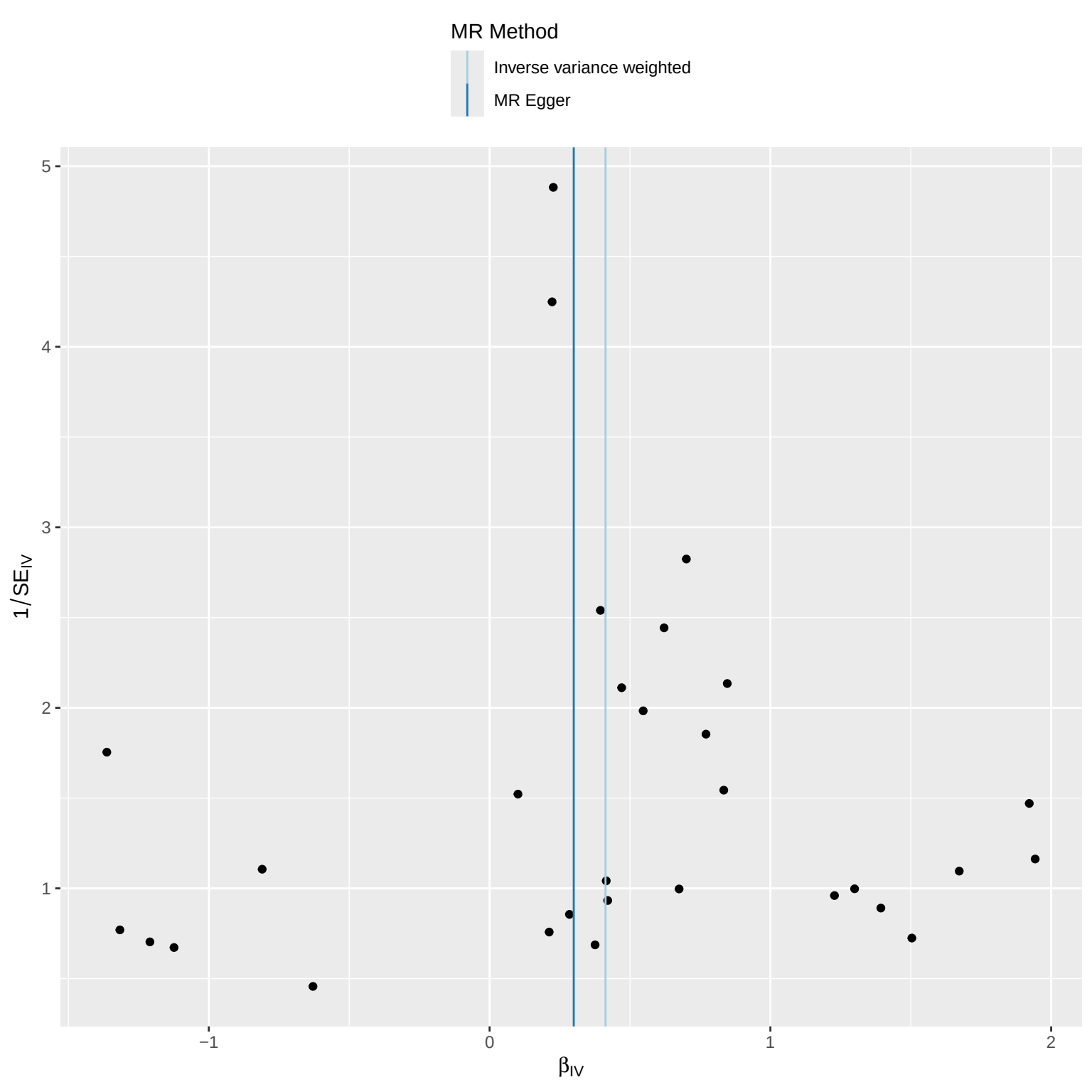

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

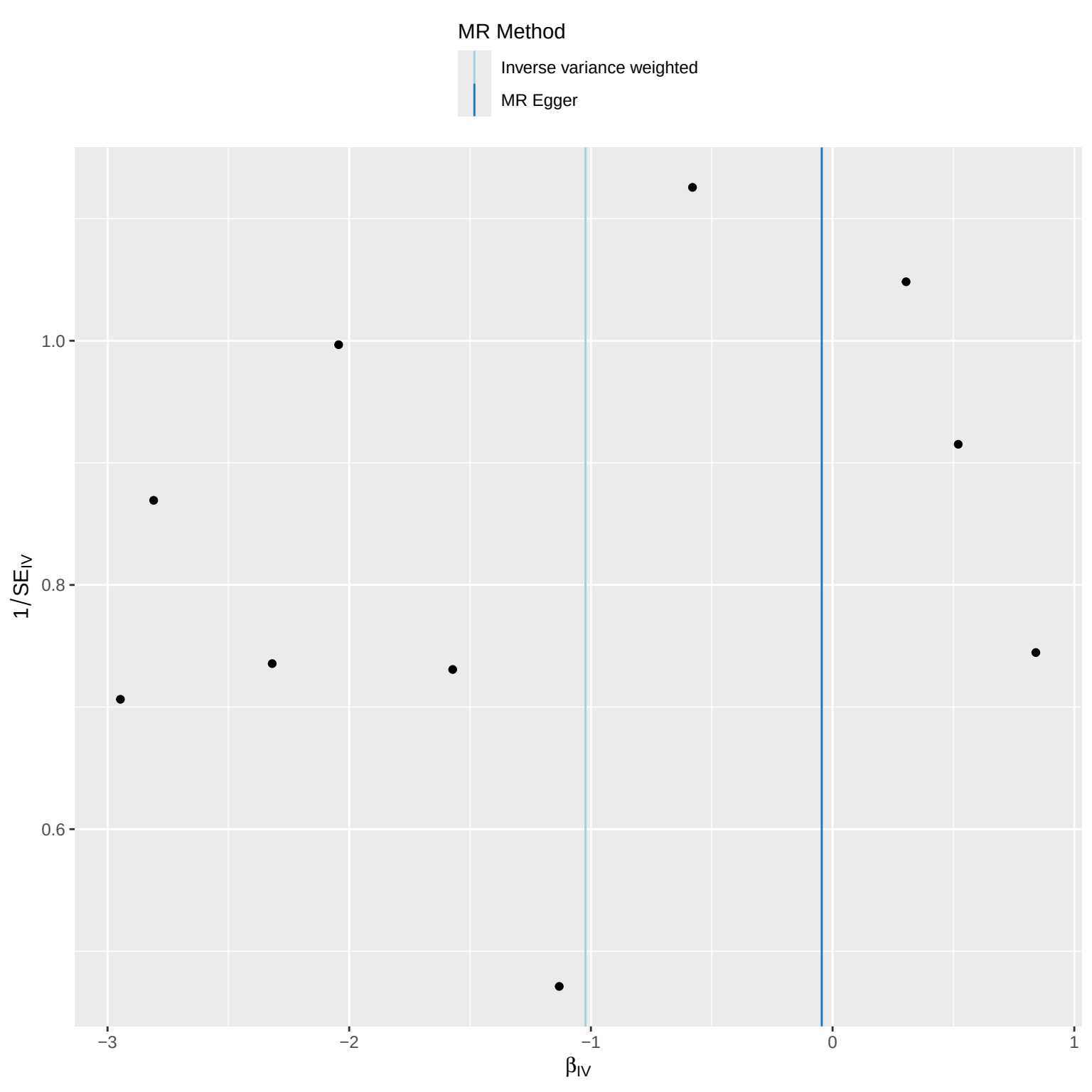

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
1/SE_IV
−1
0
1
2
3
β_IV

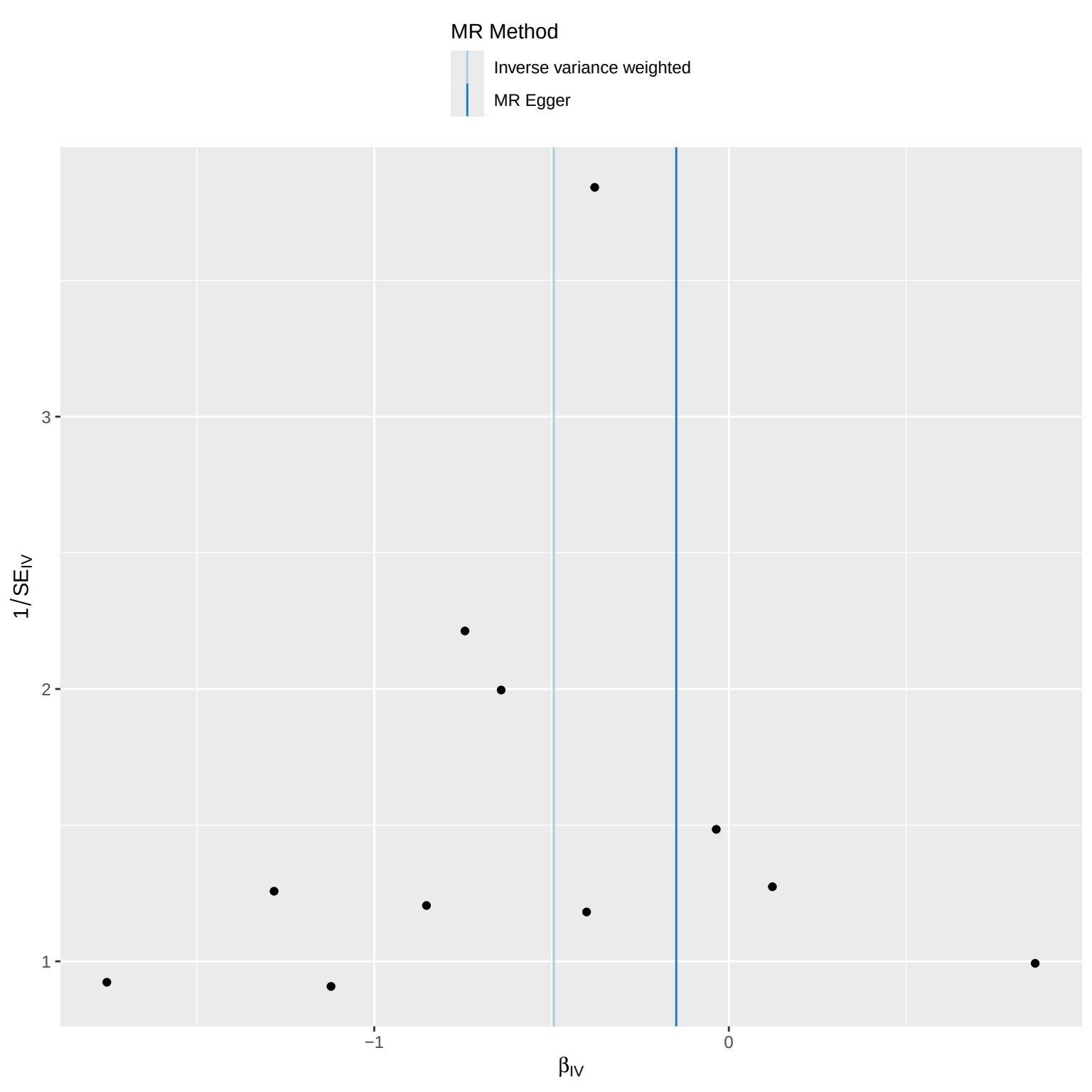

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

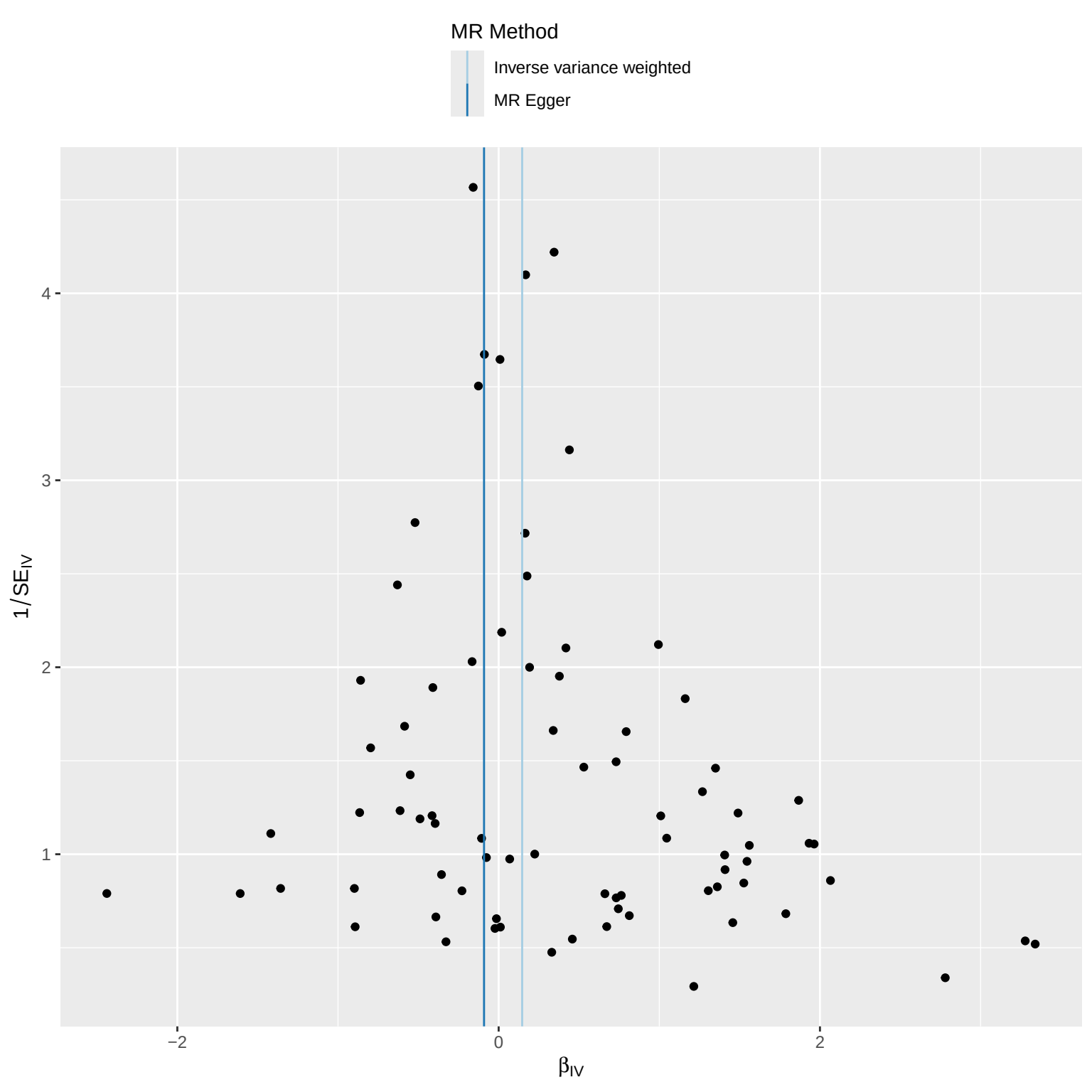

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

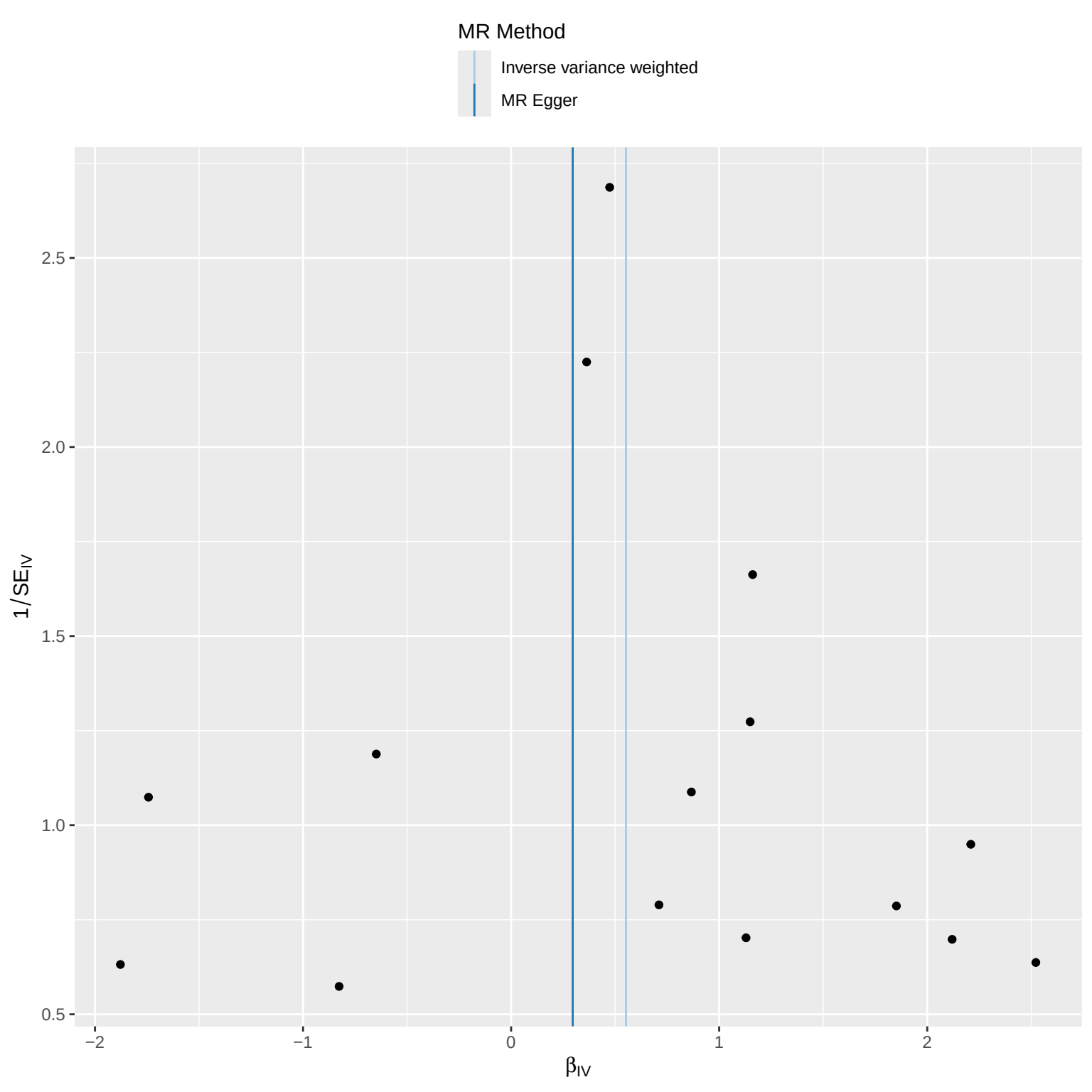

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

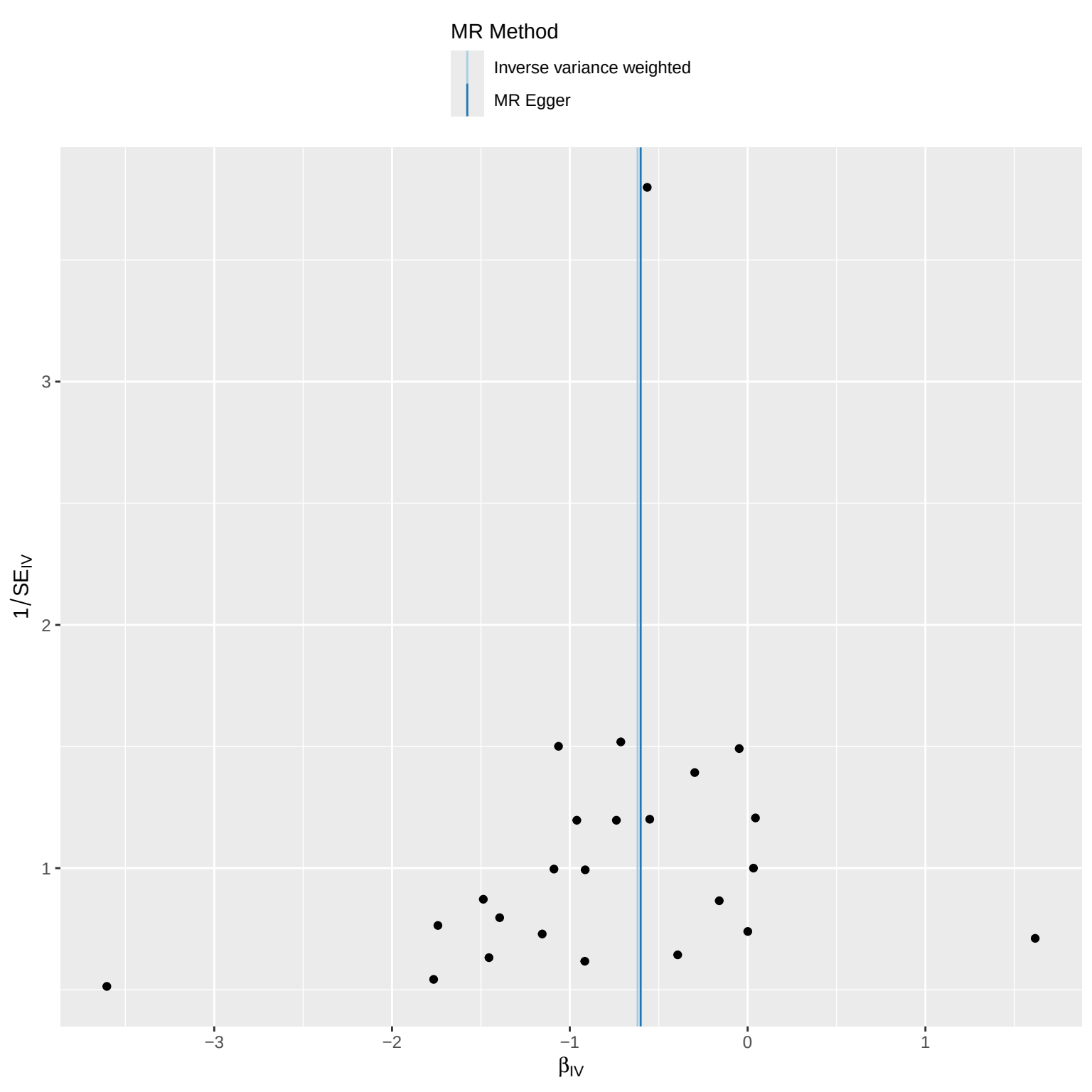

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

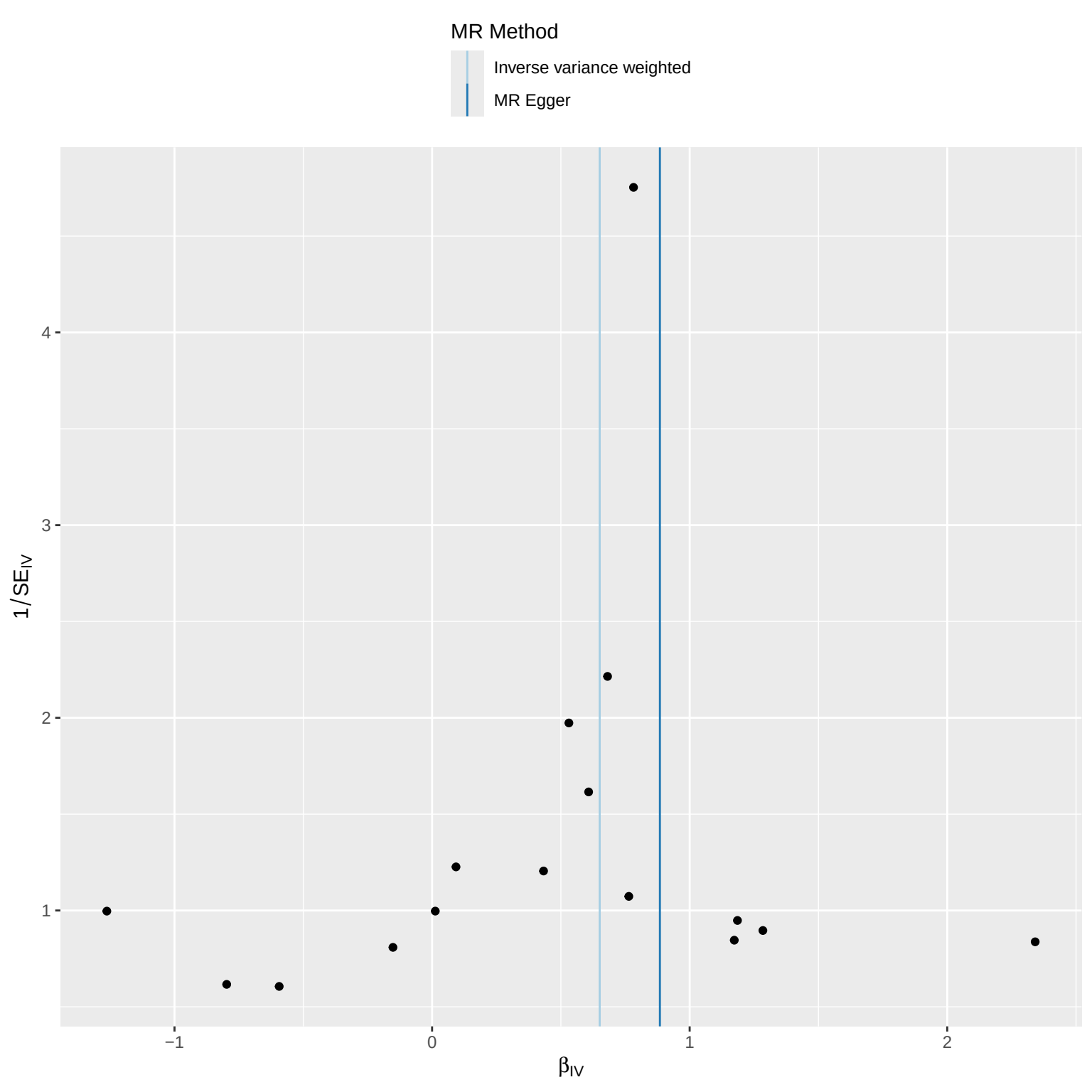

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

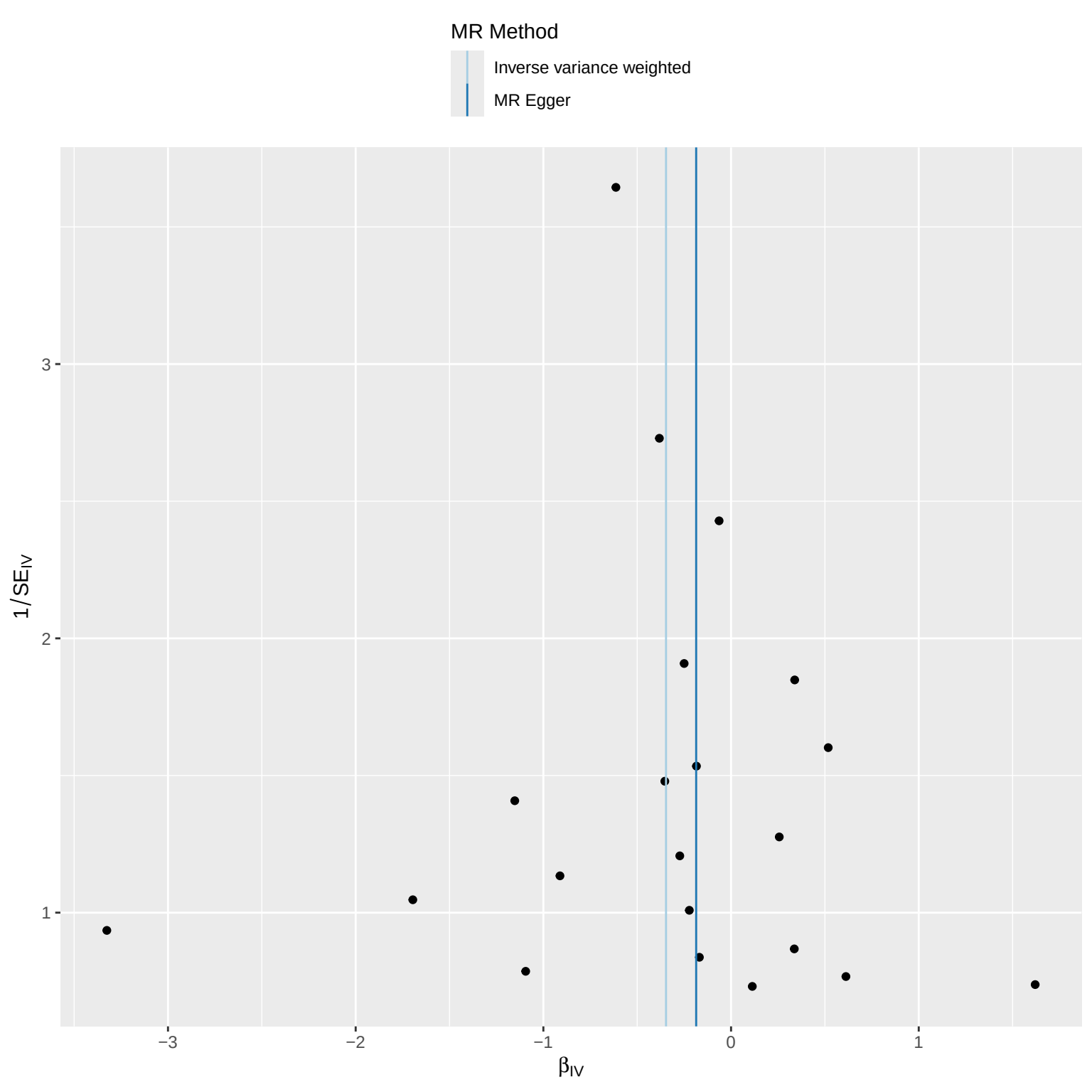

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
β_IV

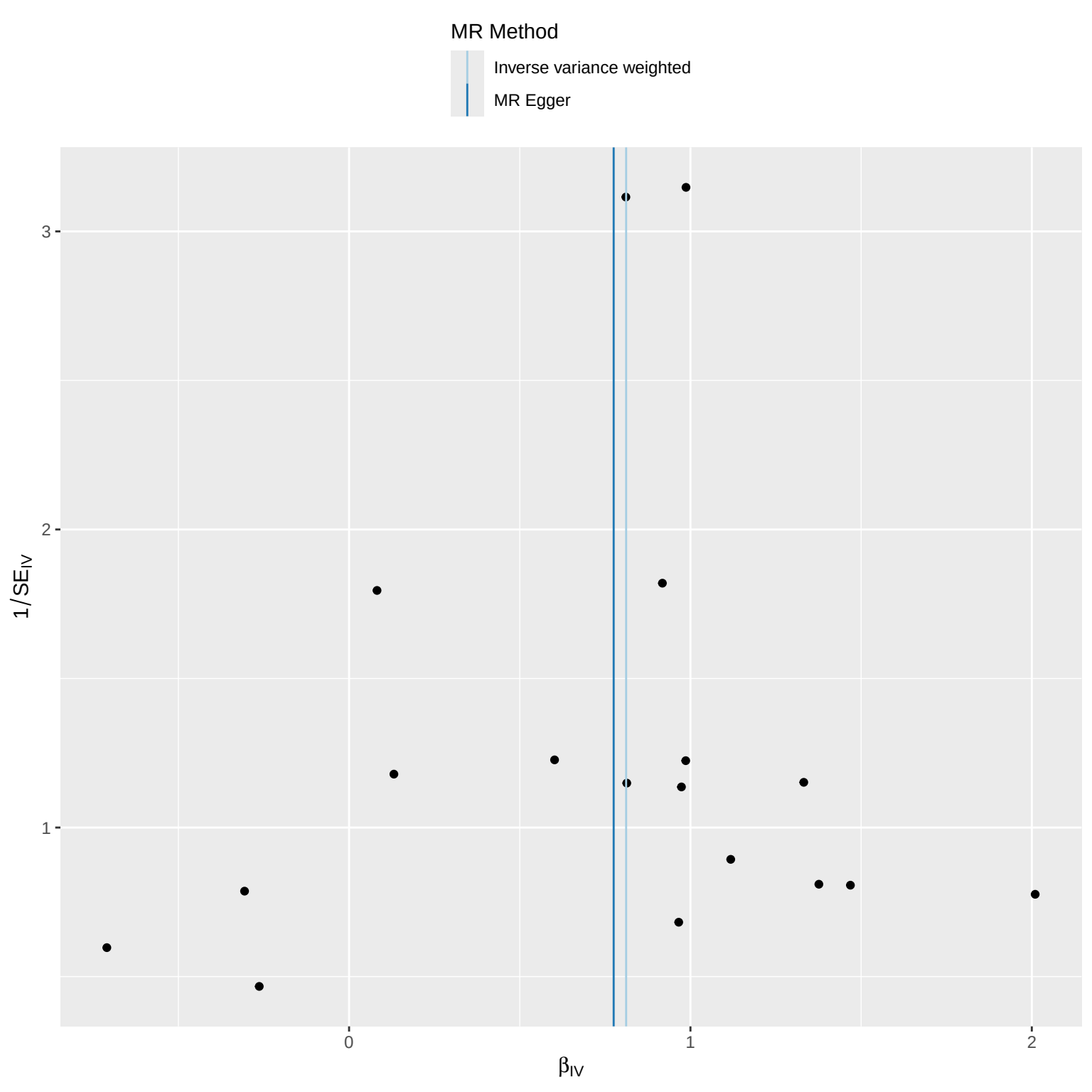

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

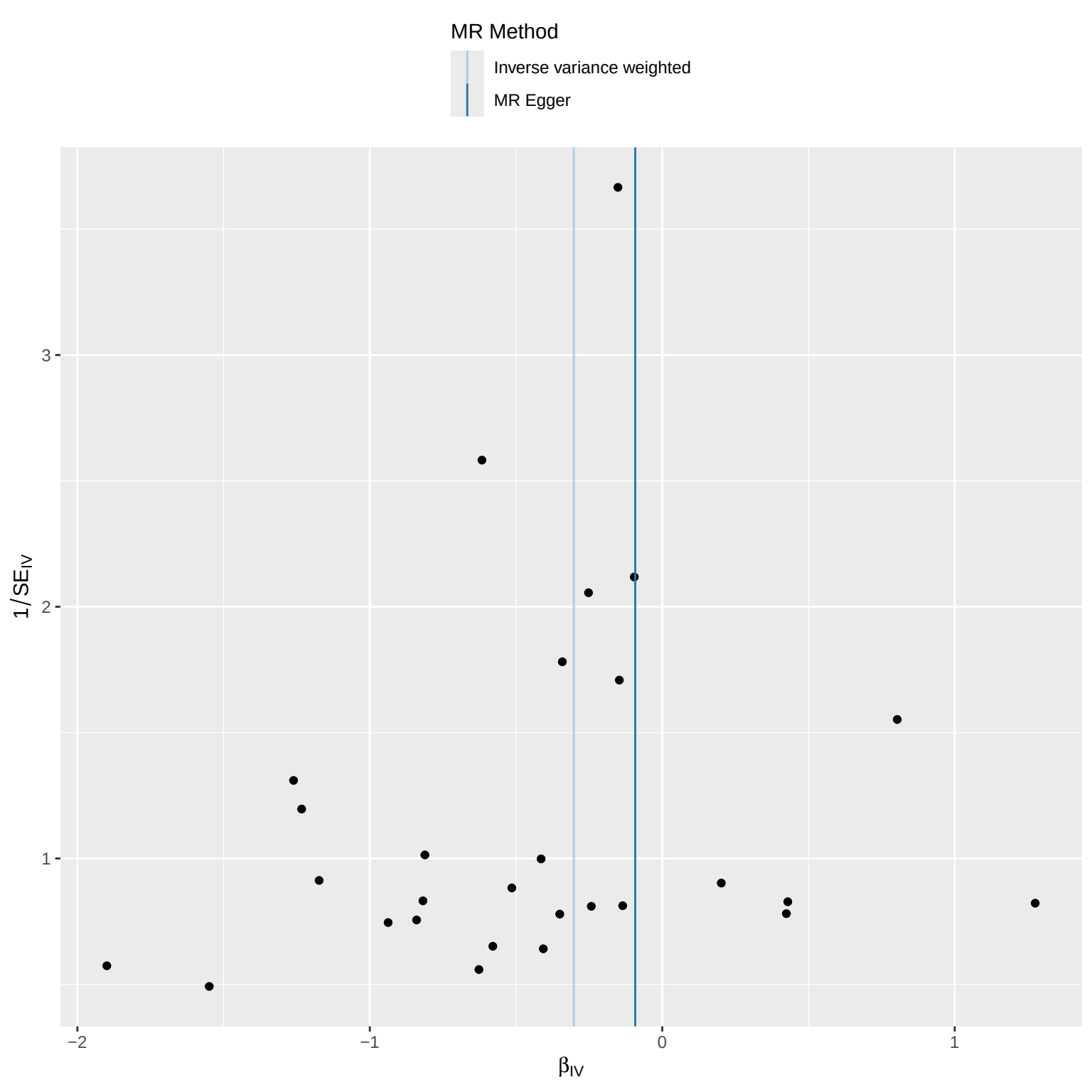

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

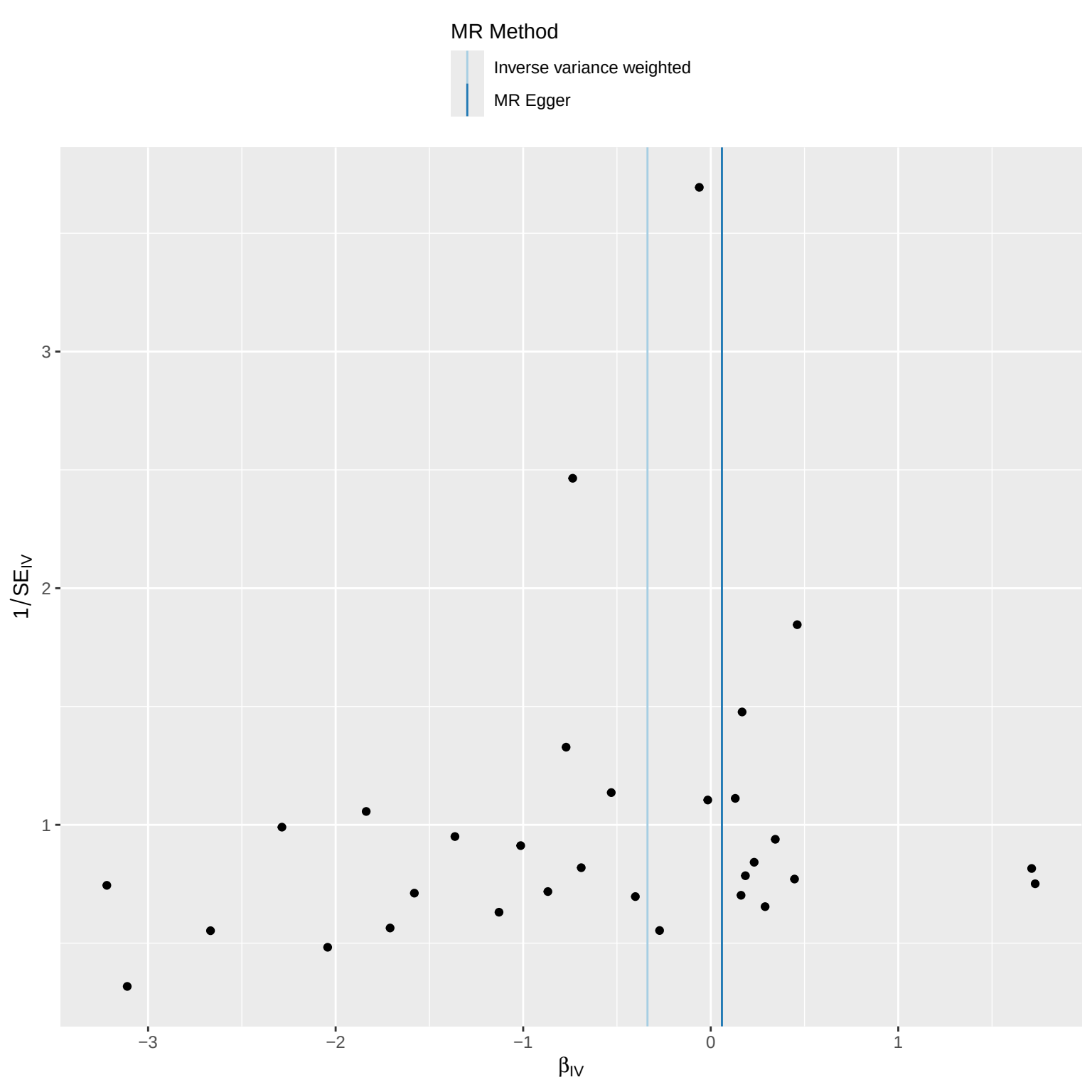

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

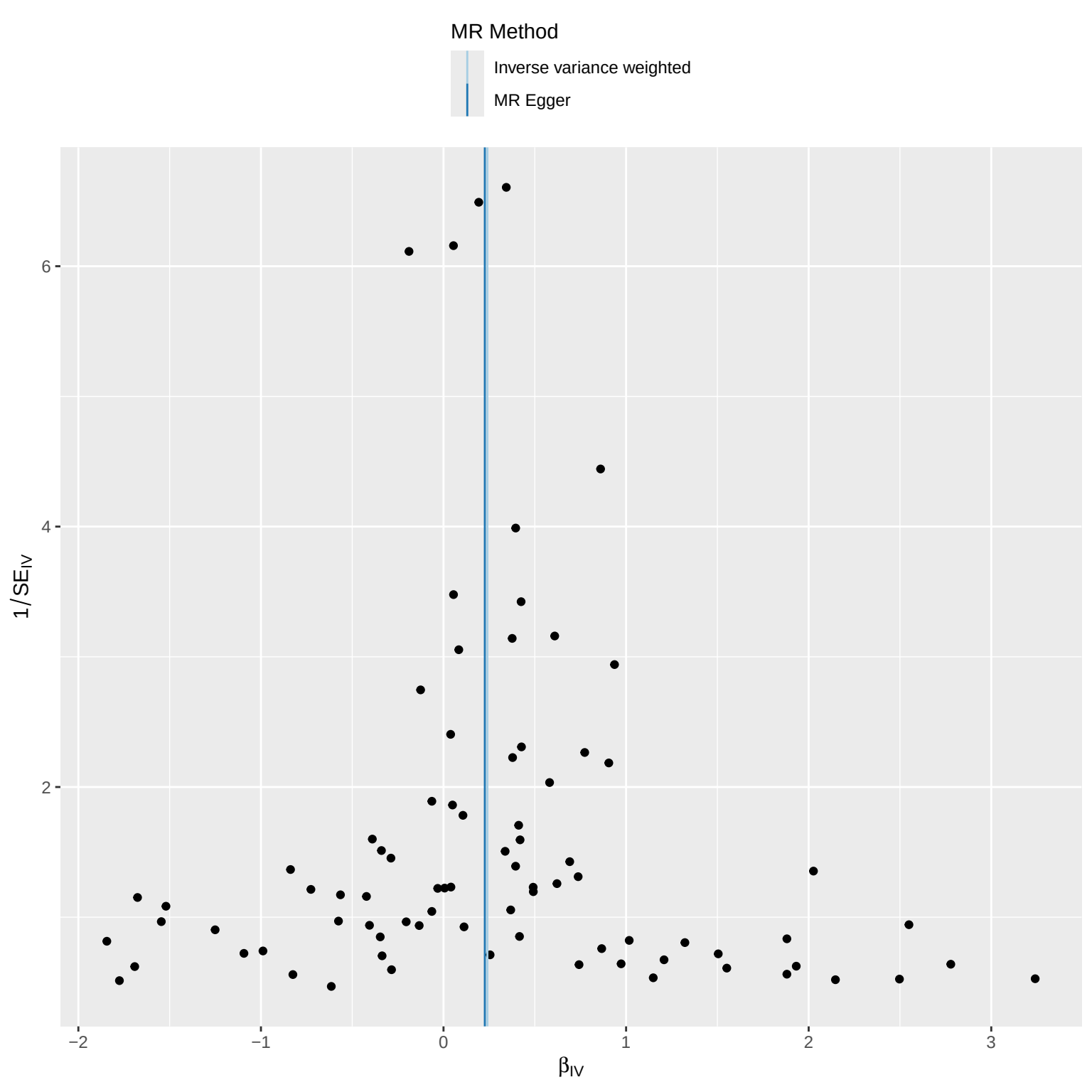

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

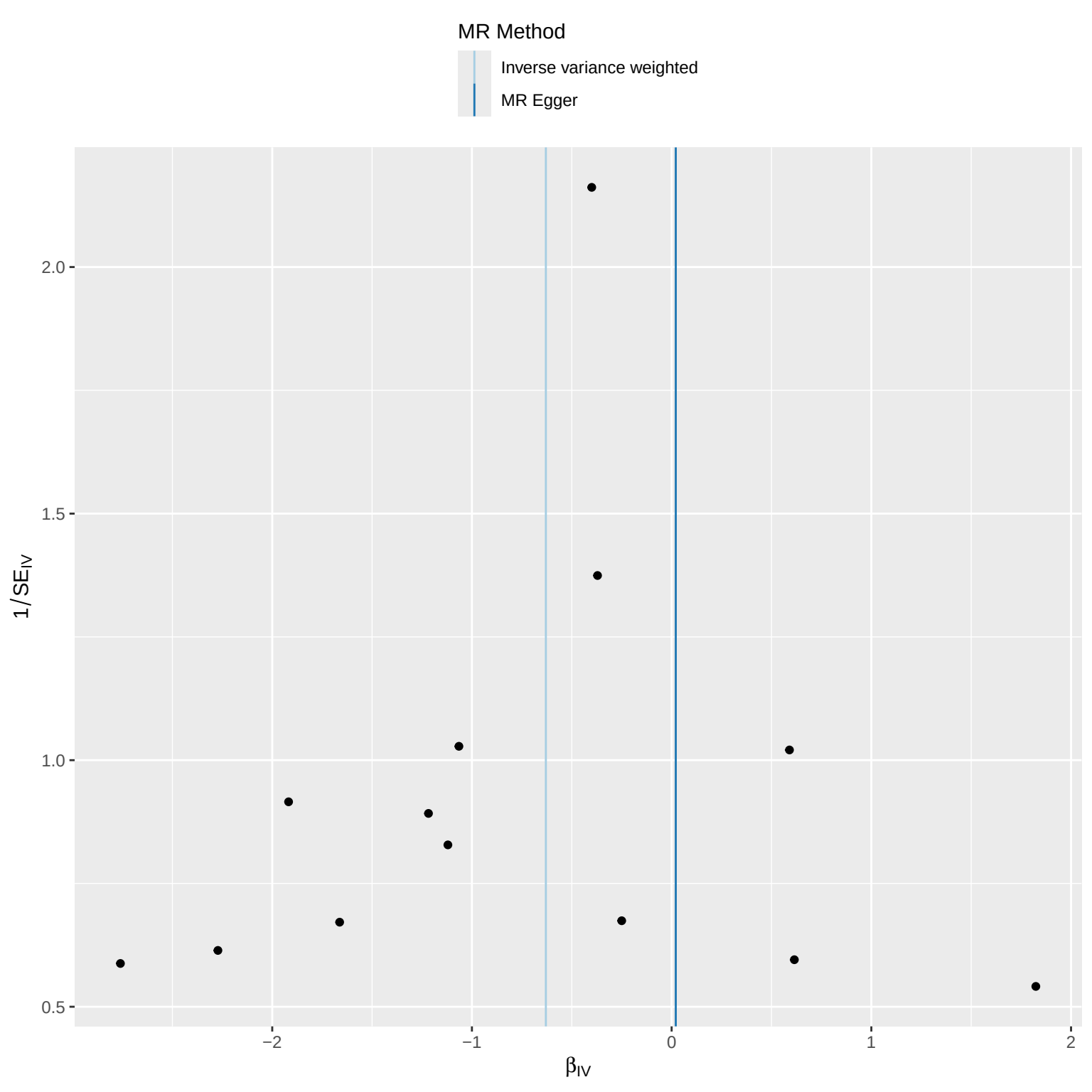

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−3
−2
−1
0
1
β_IV

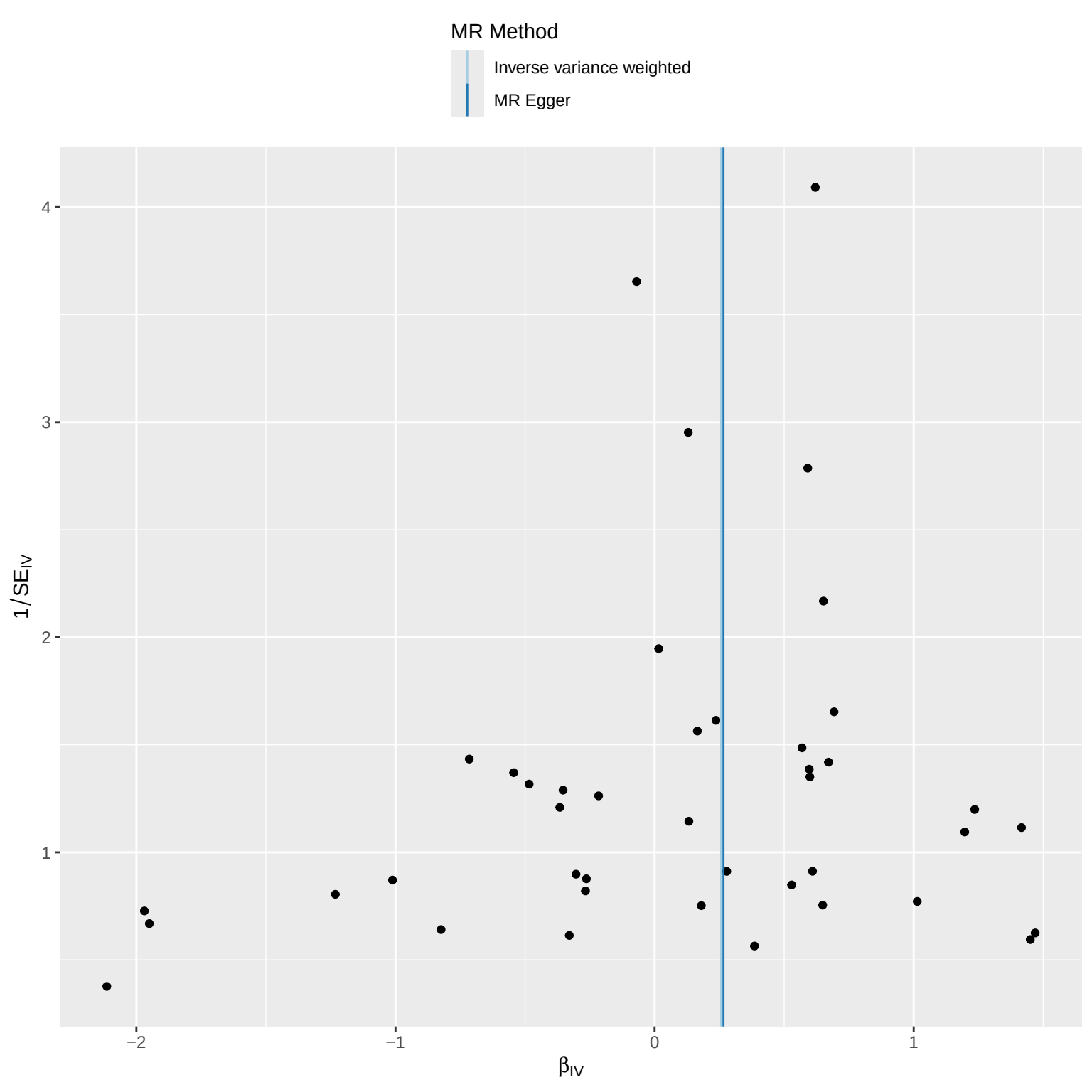

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
1/SE_IV
β_IV

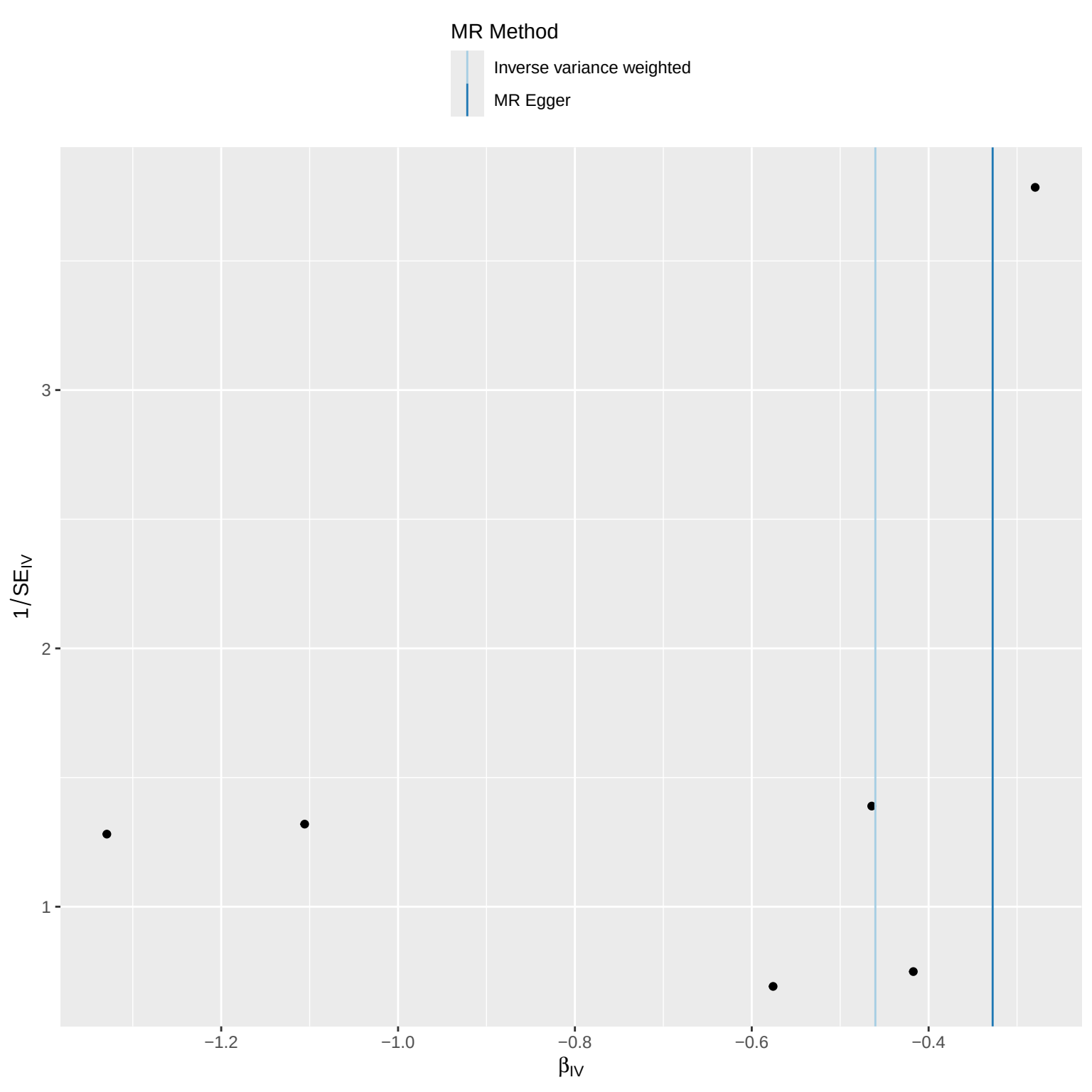

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

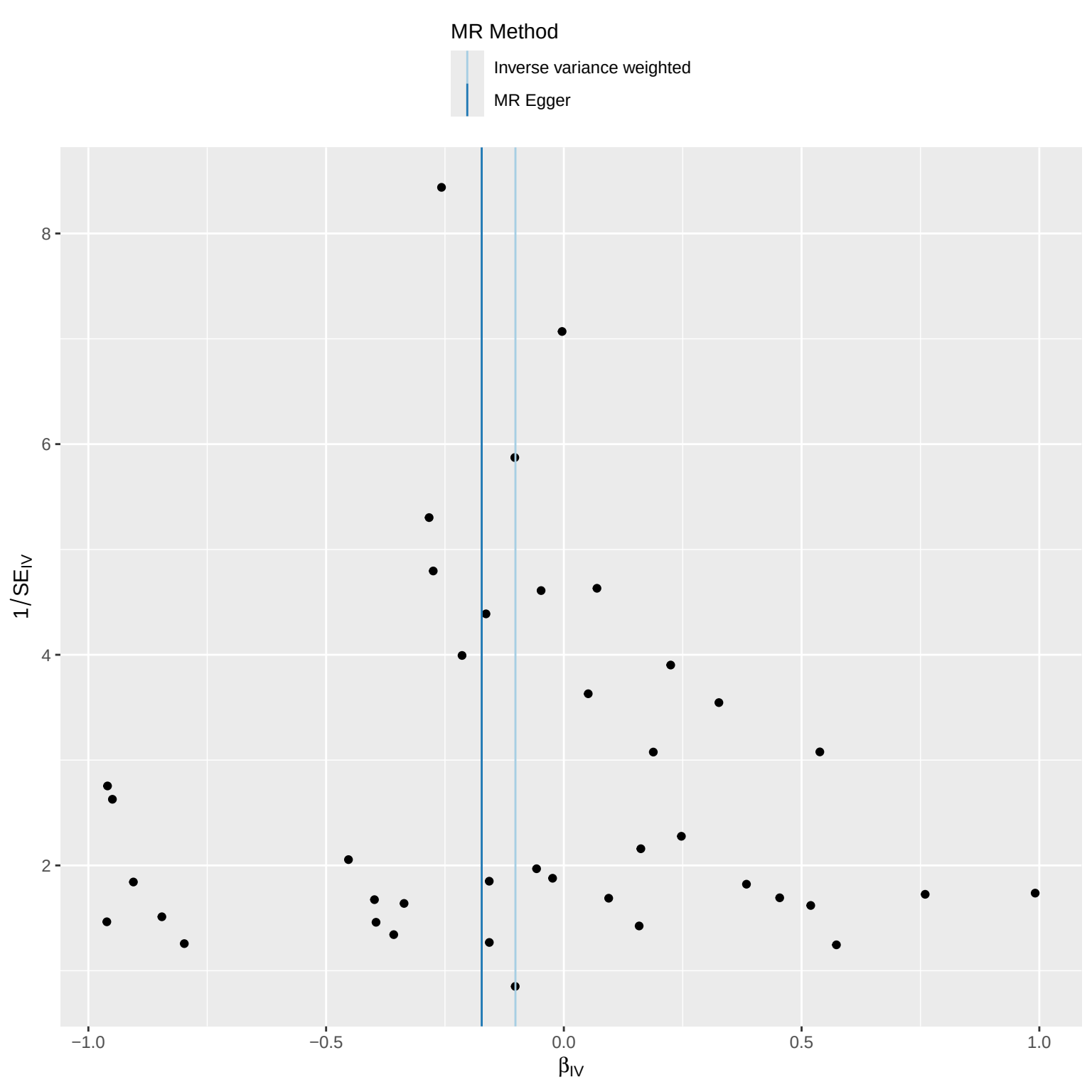

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

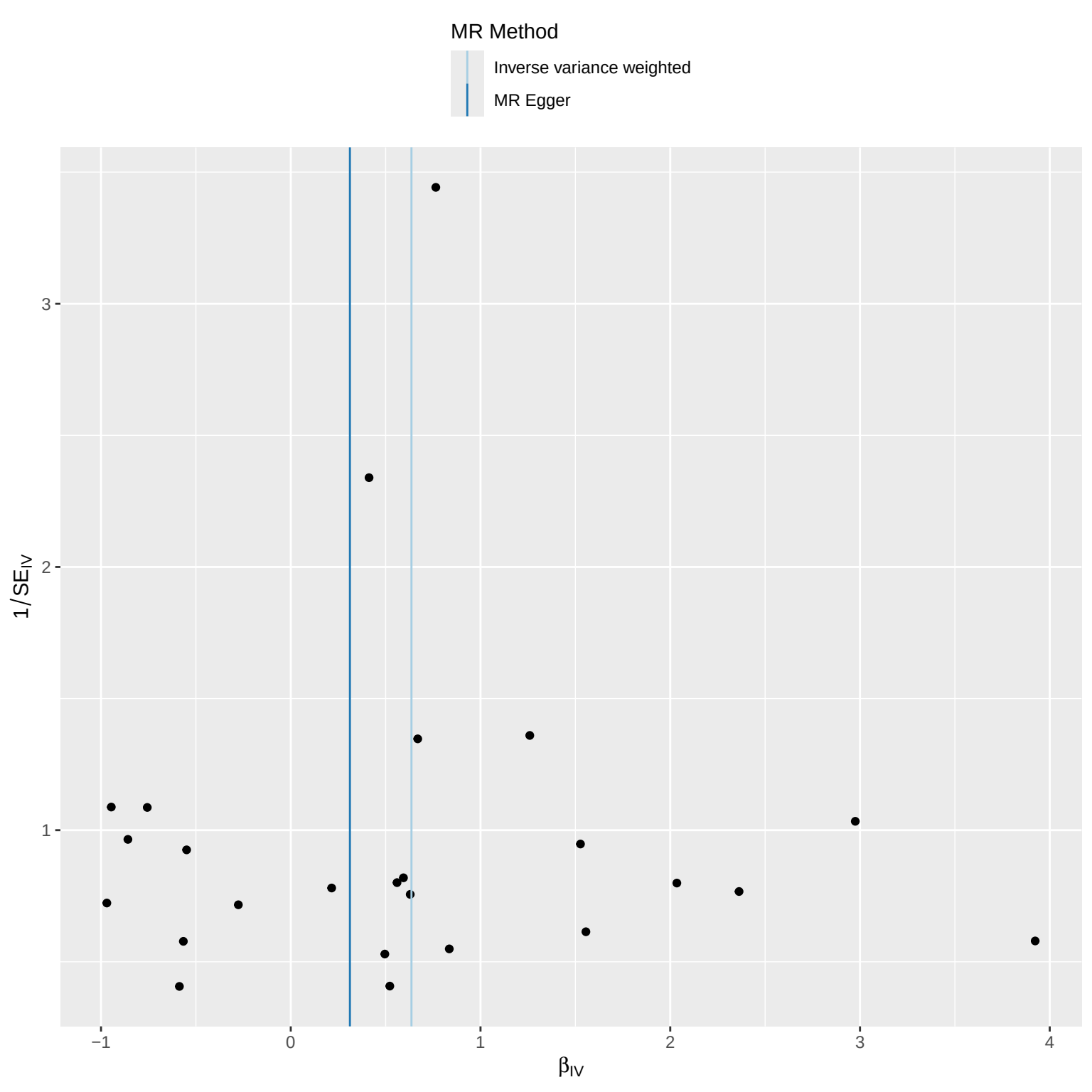

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

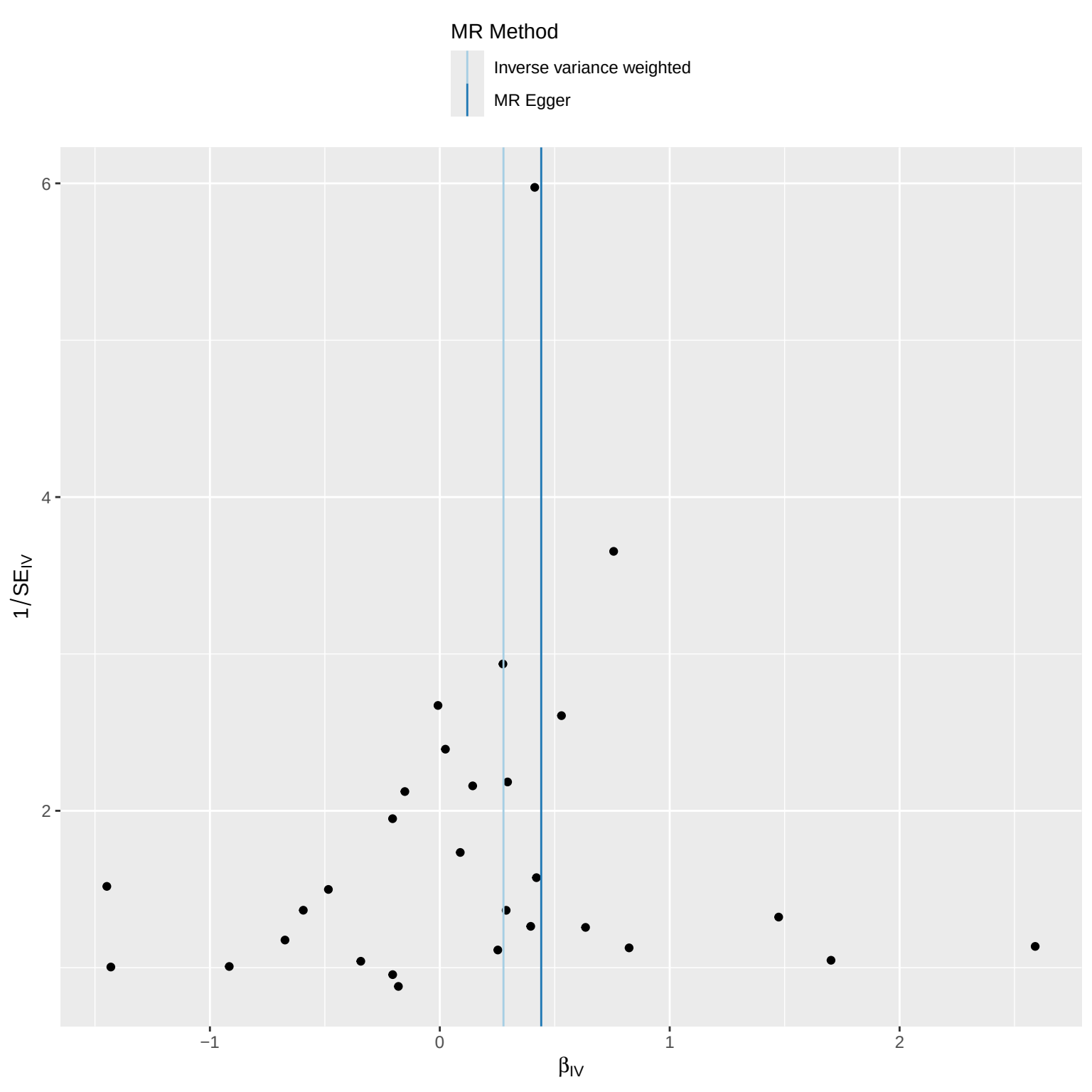

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

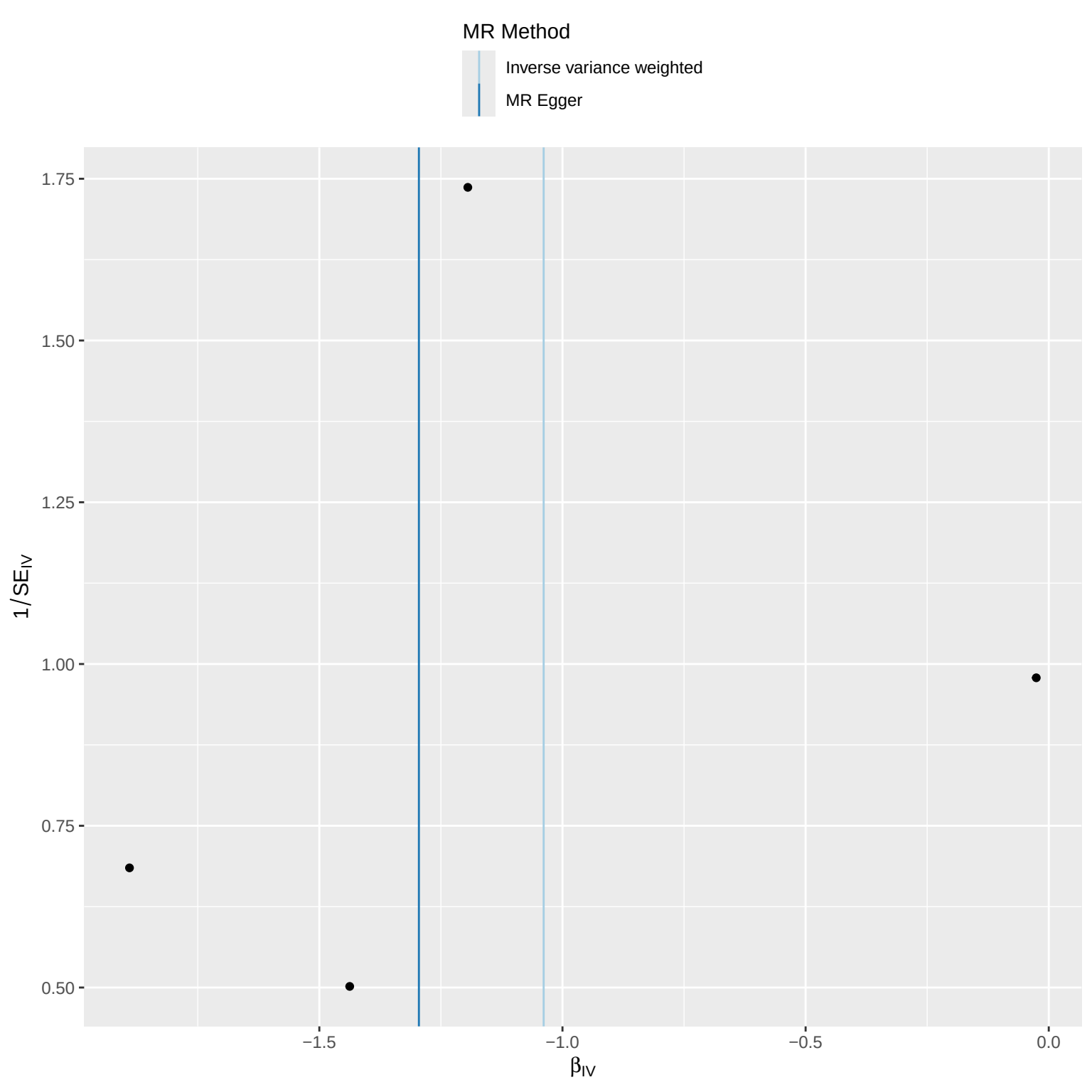

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

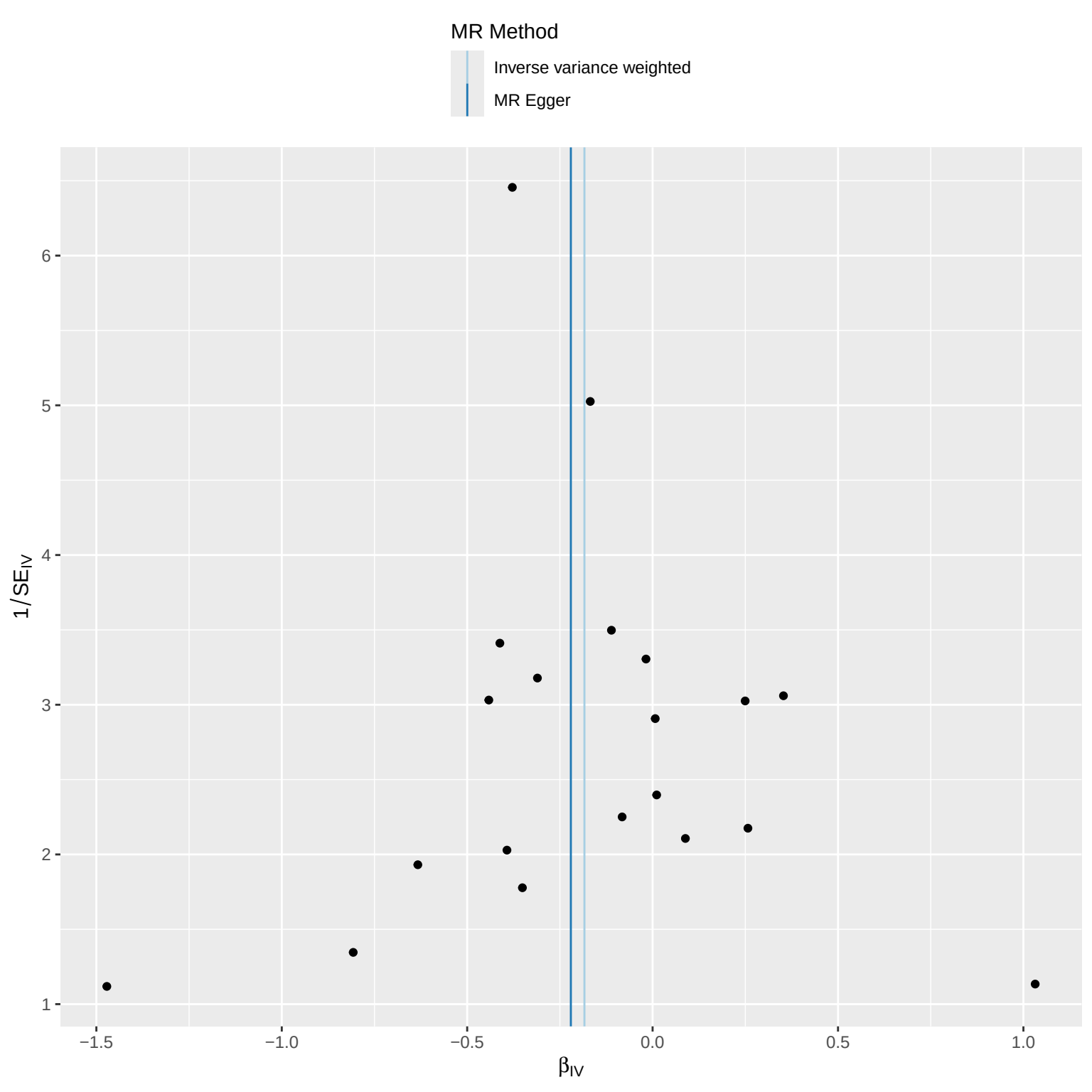

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.2
−1.0
−0.8
−0.6
−0.4
β_IV

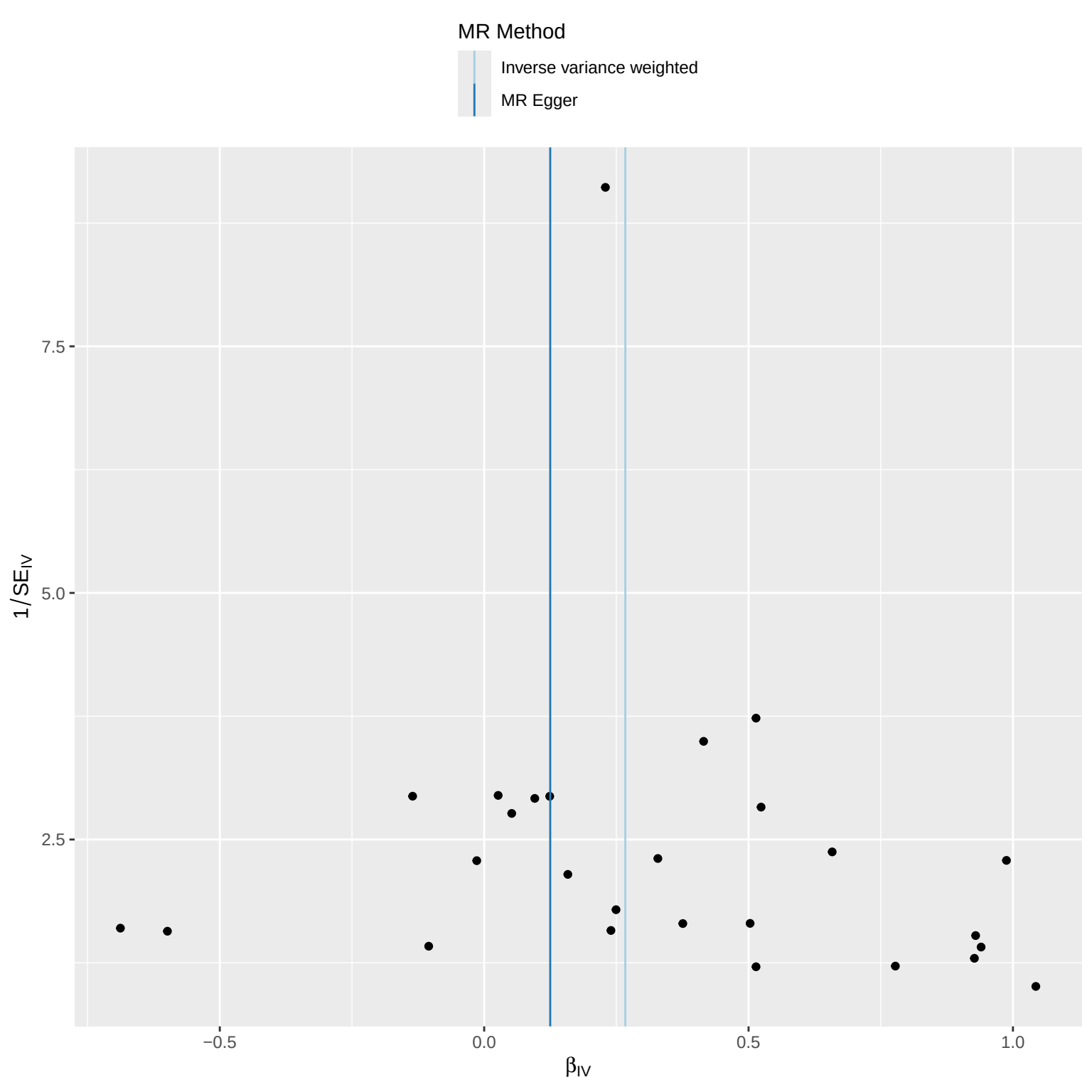

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

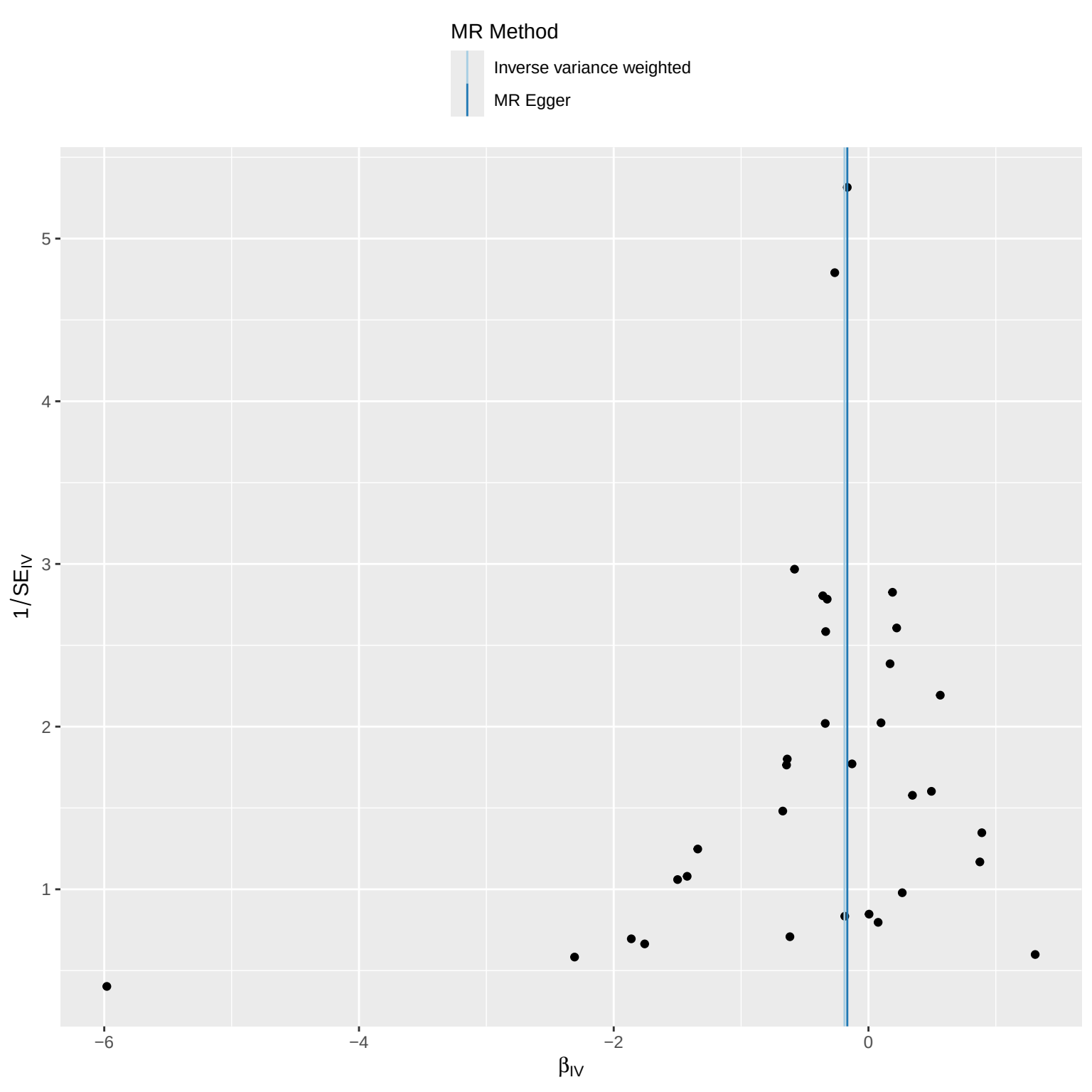

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

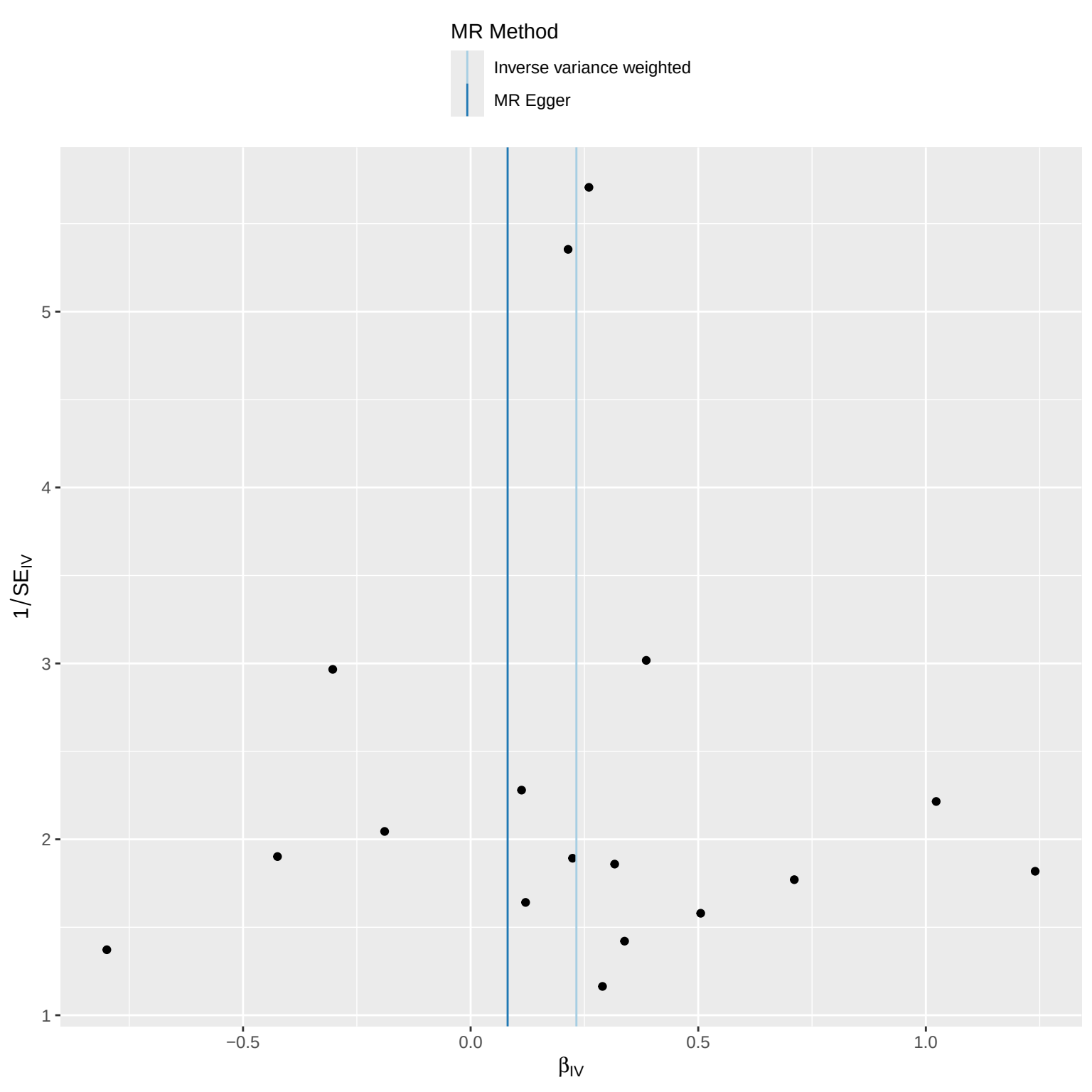

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

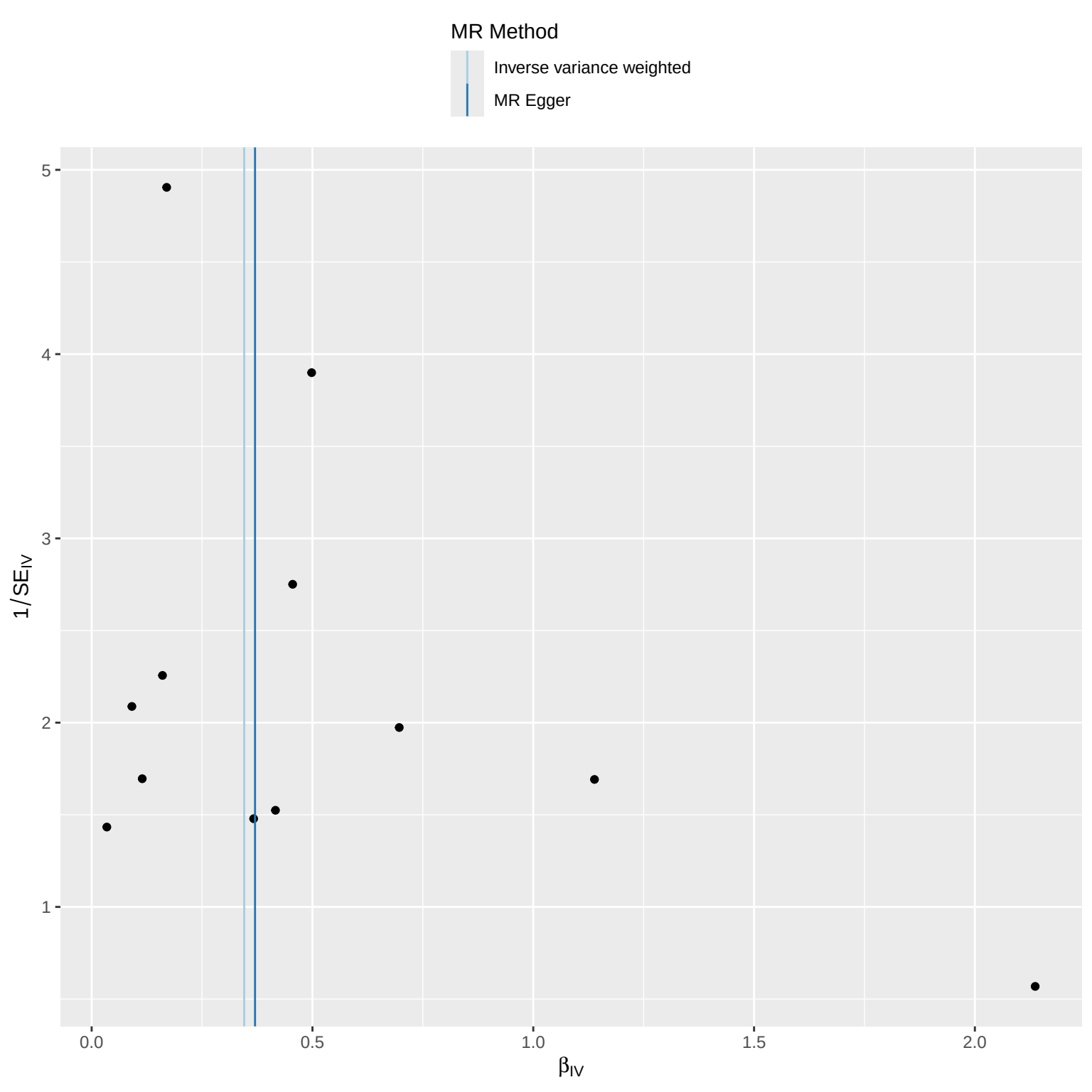

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

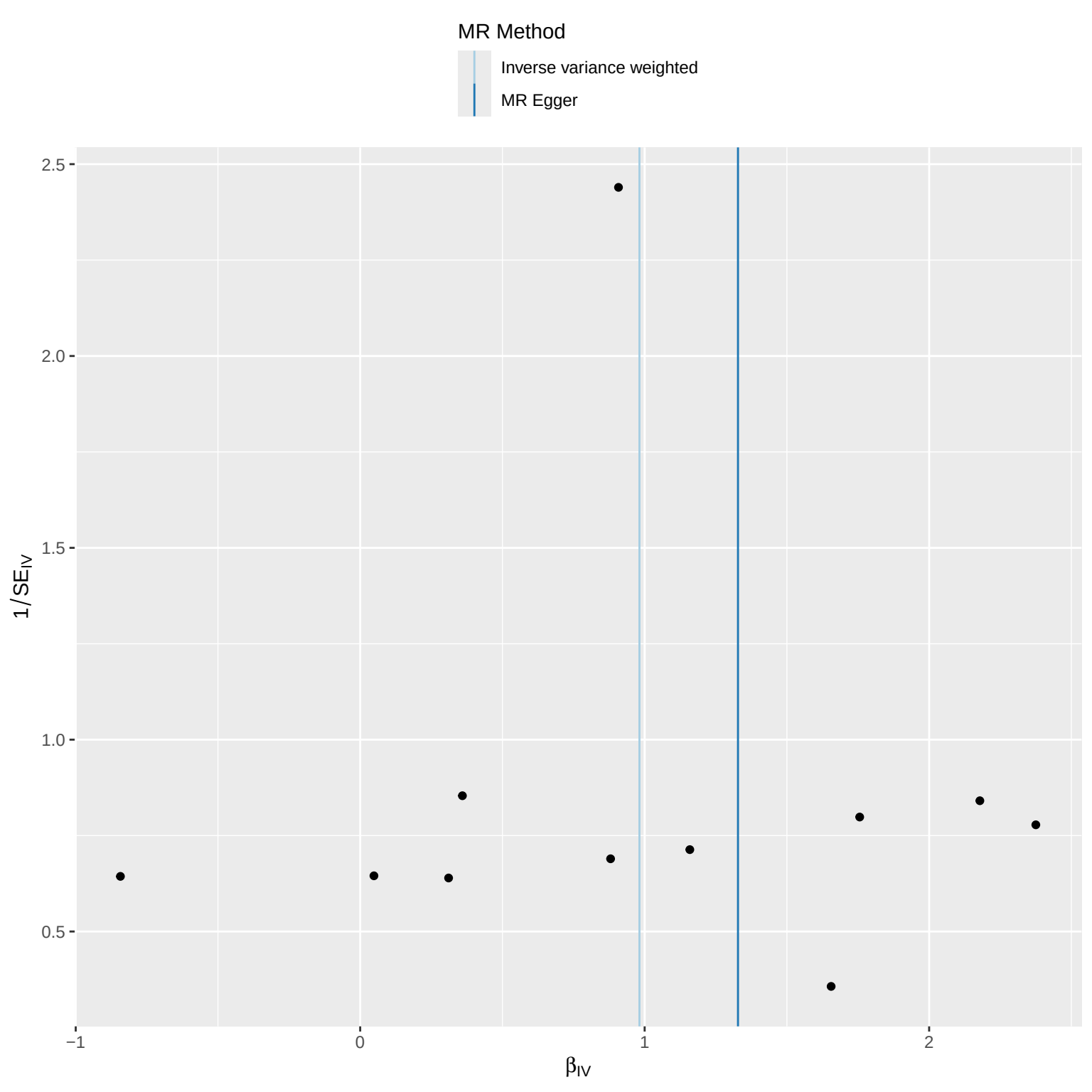

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
6
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
1.0

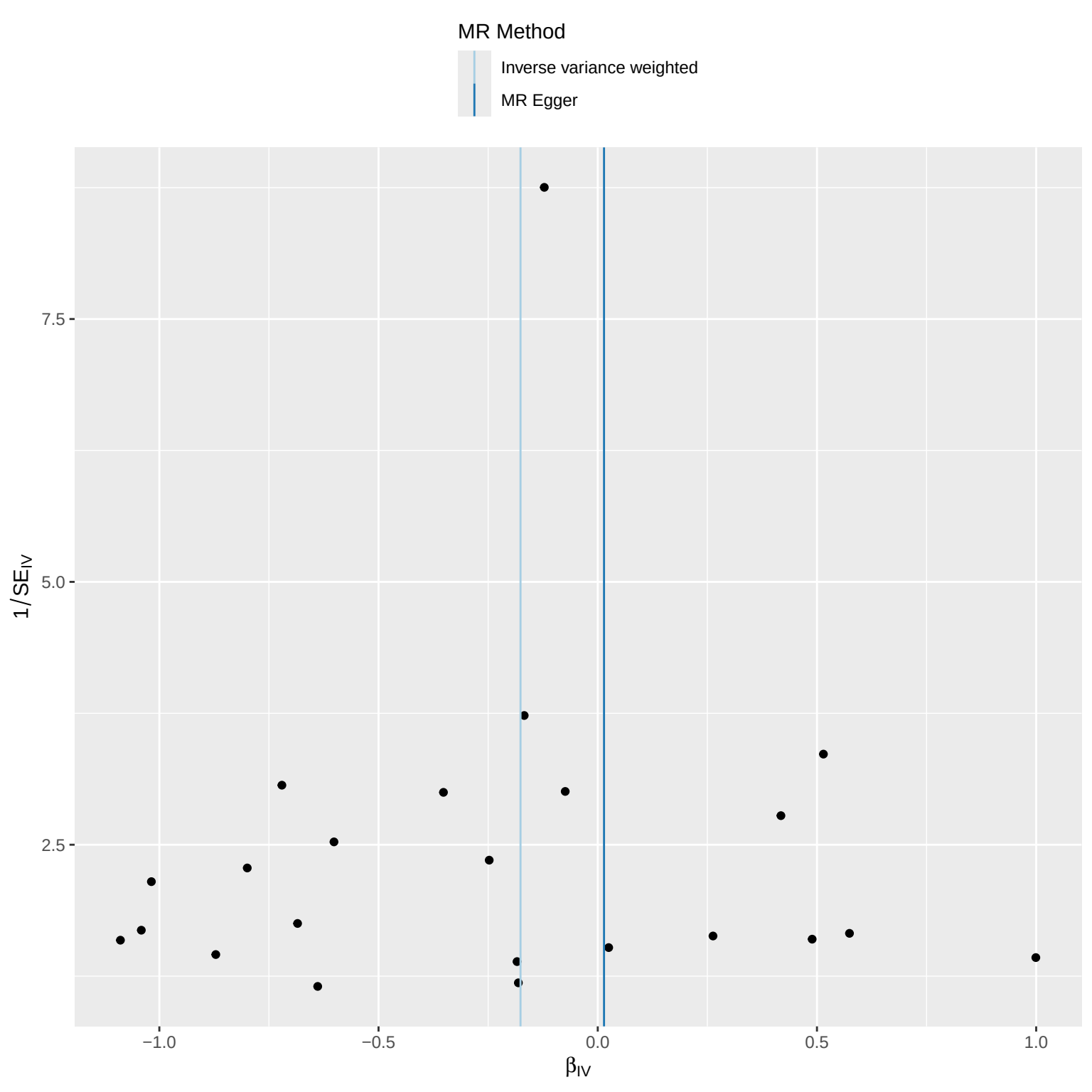

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

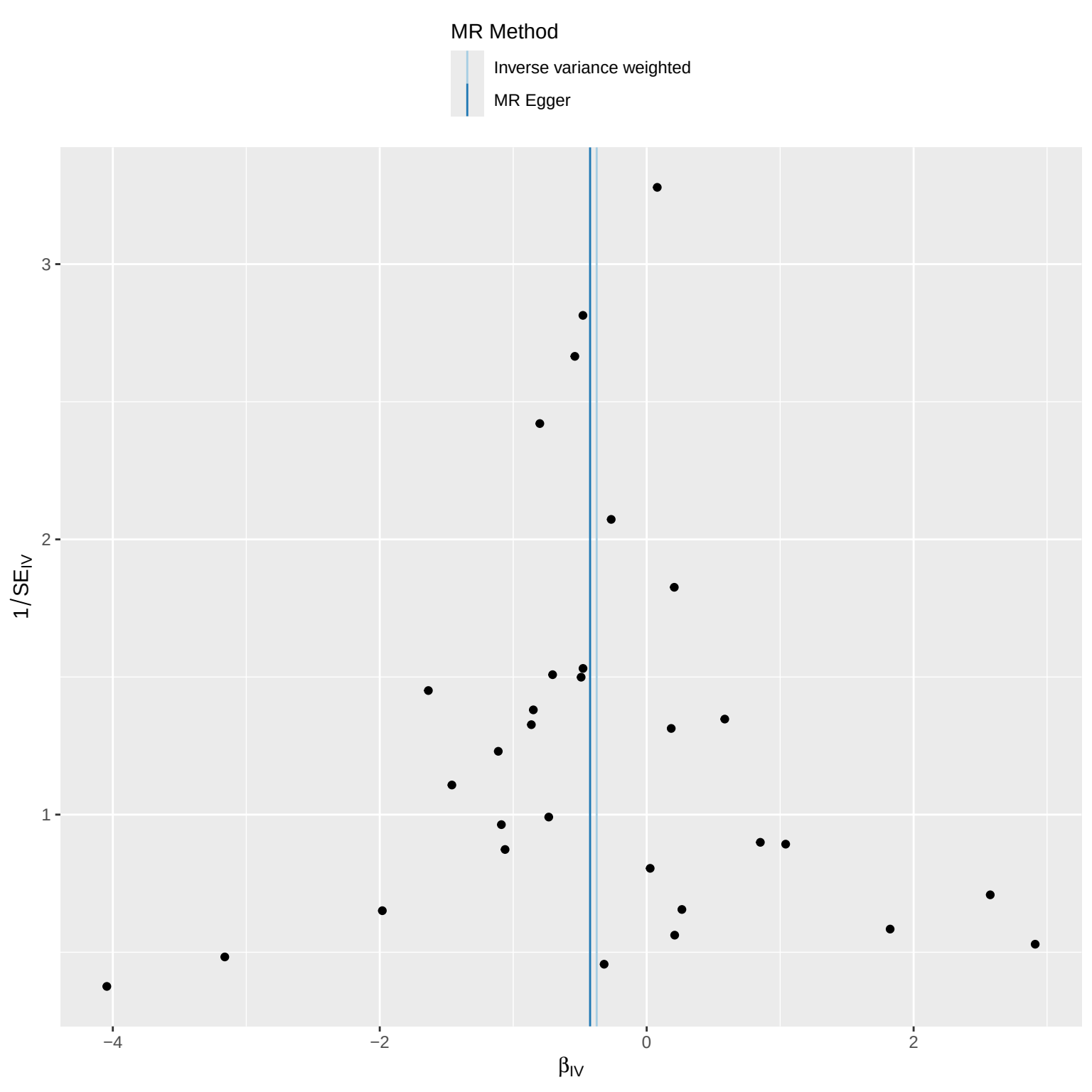

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−6
−4
−2
0
β_IV

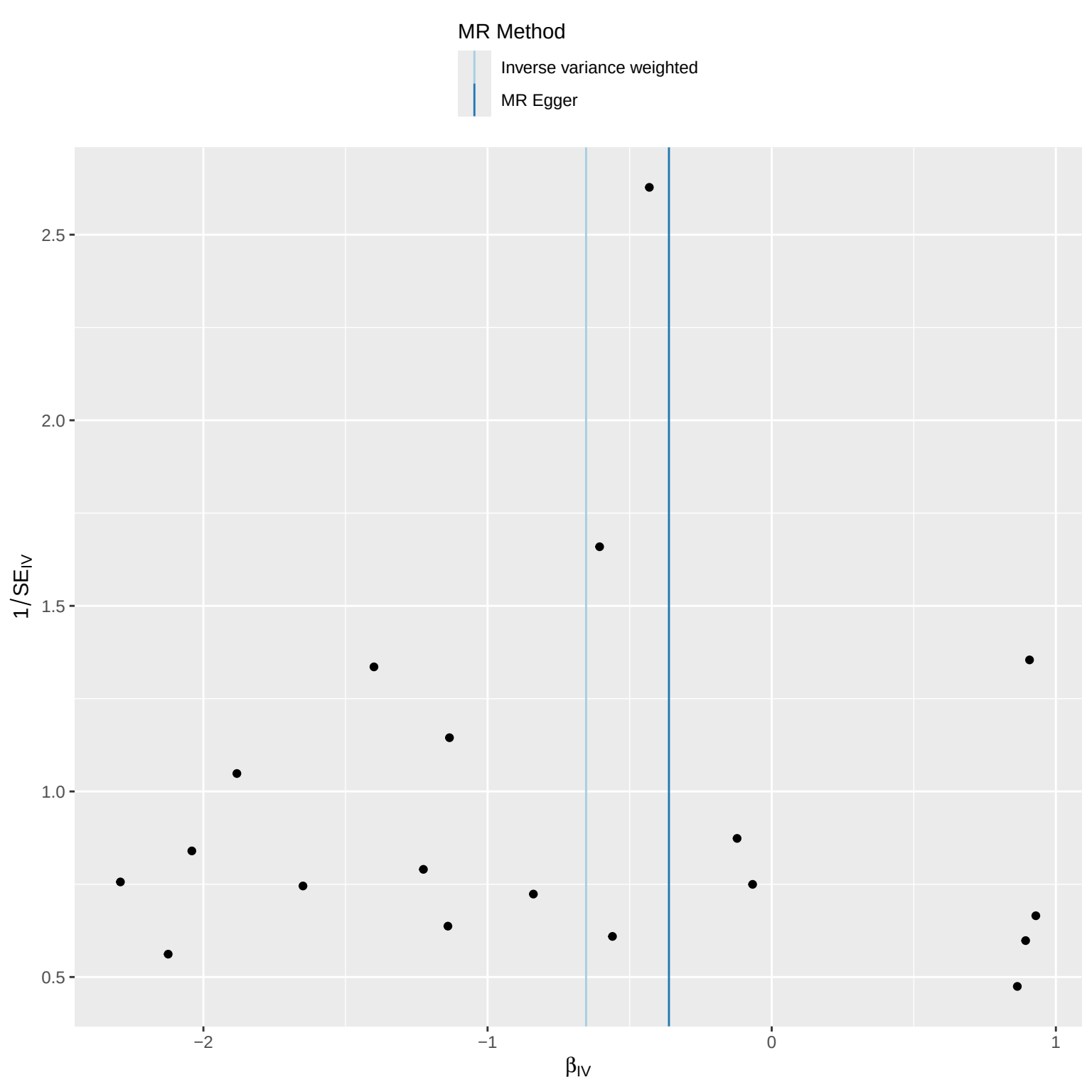

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−0.5
0.0
0.5
1.0

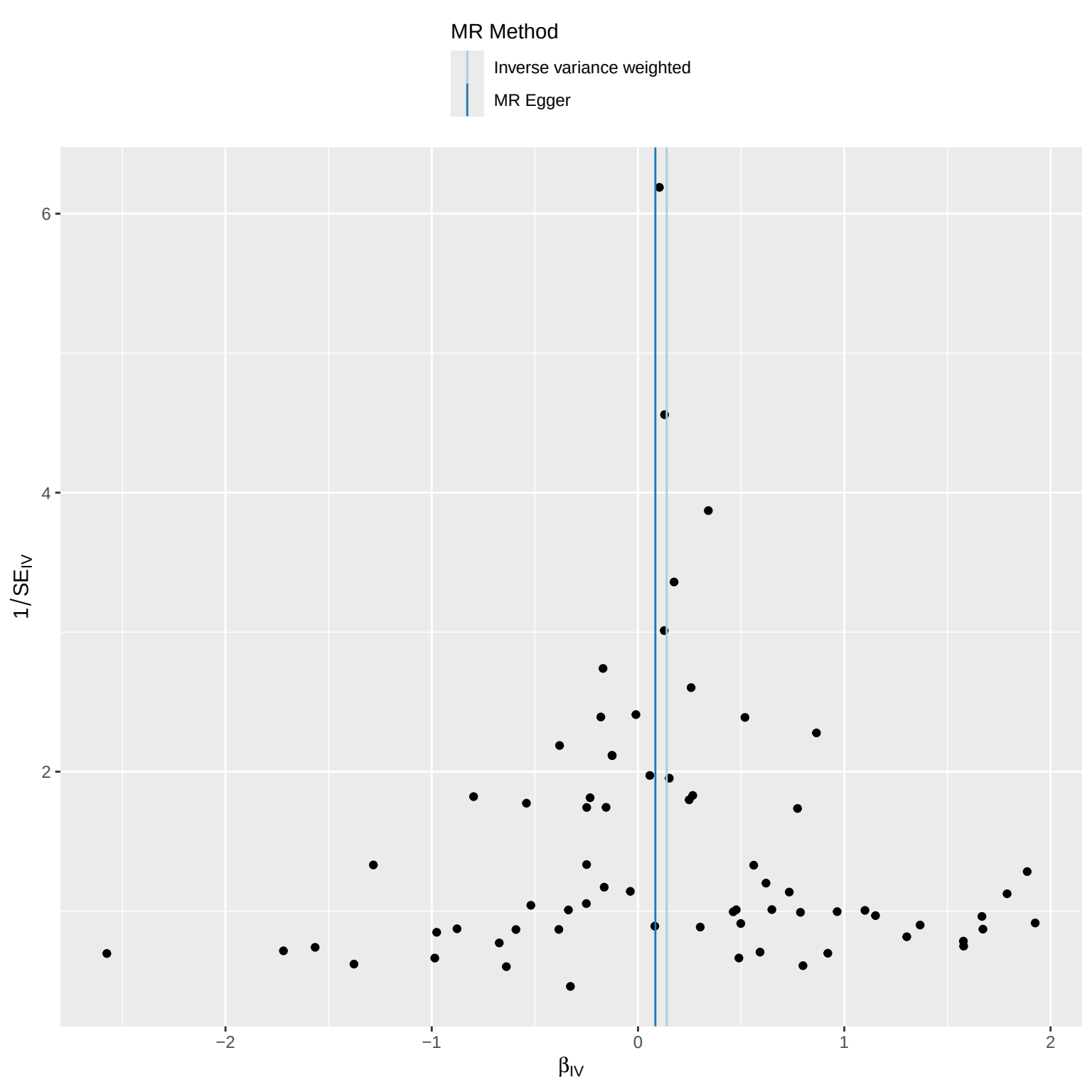

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

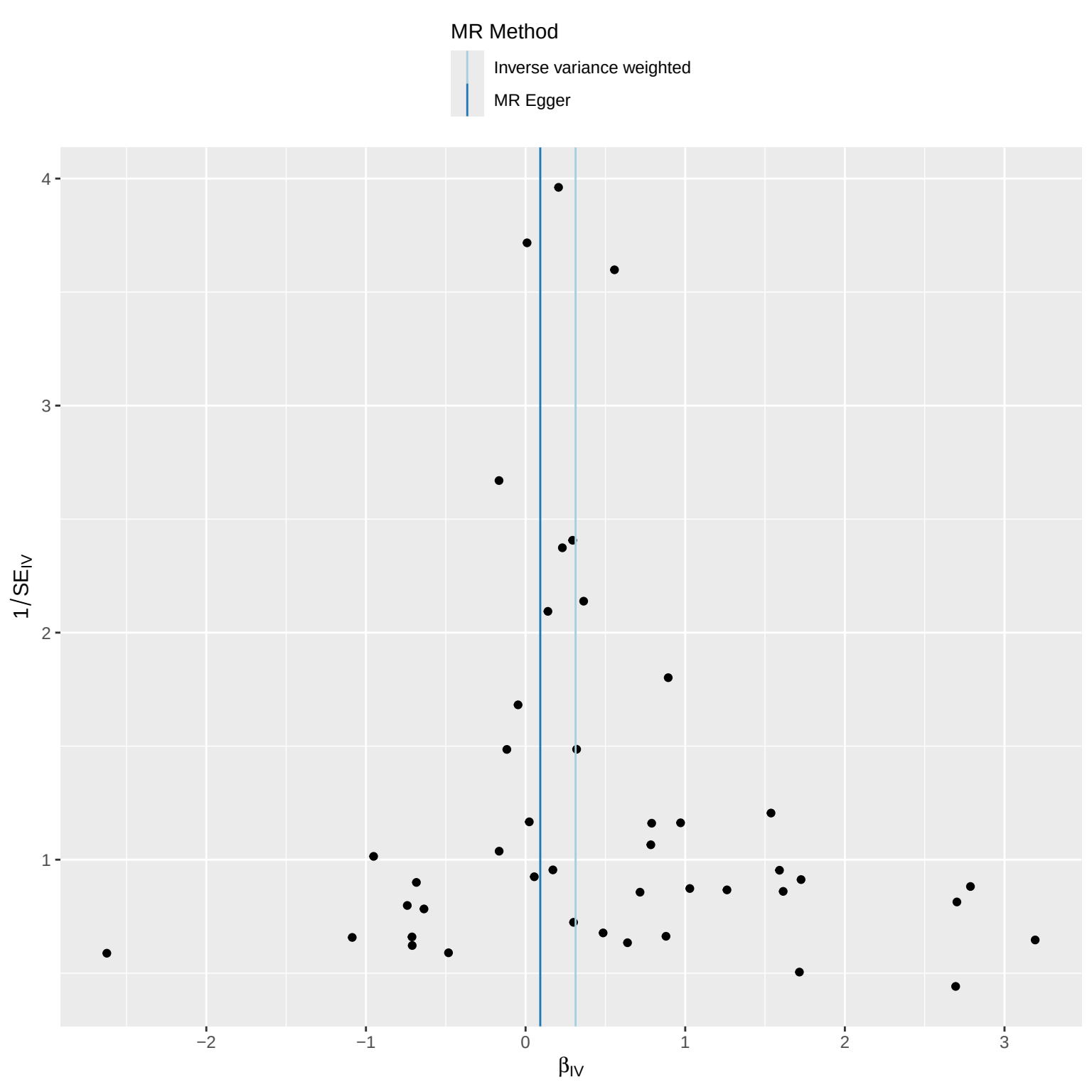

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

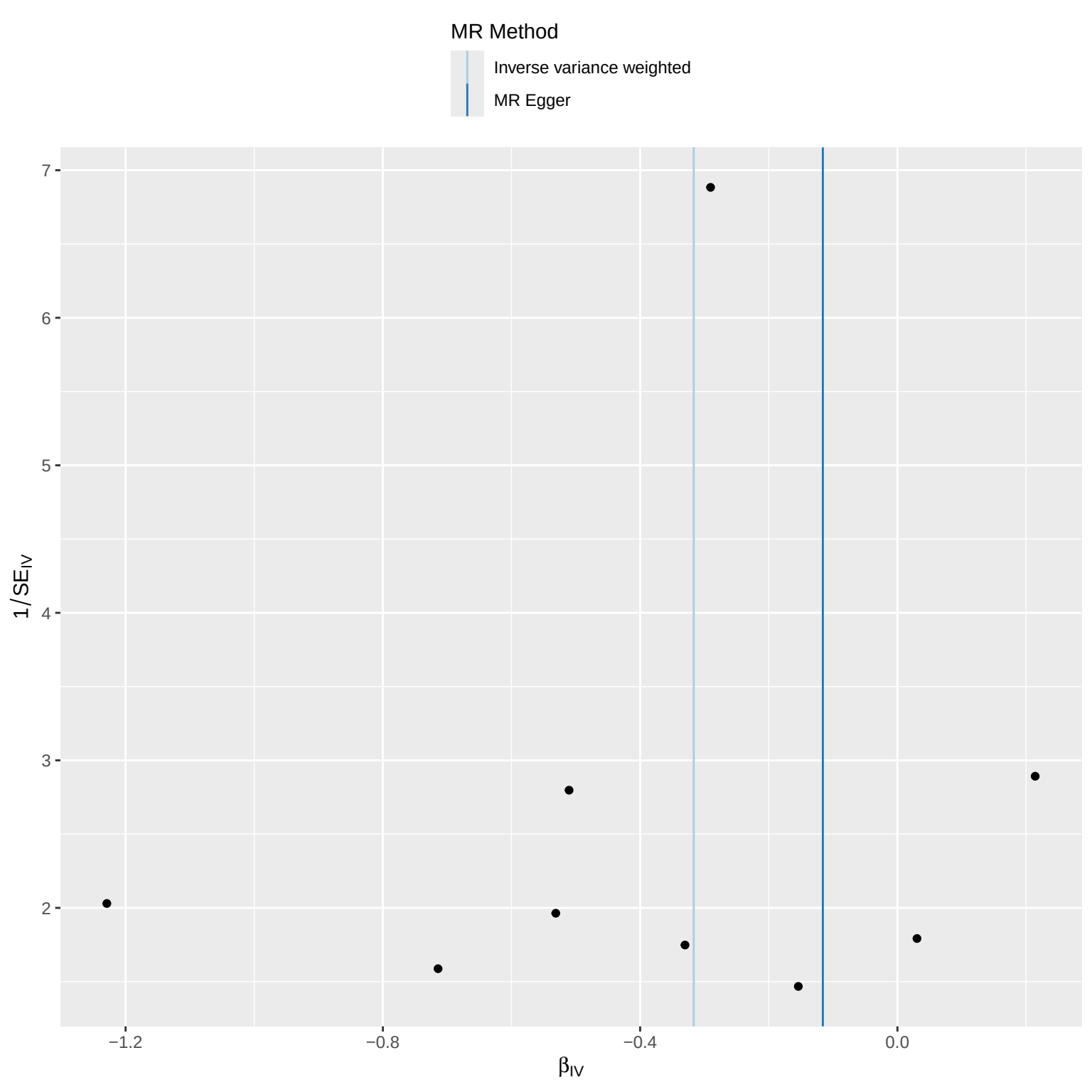

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

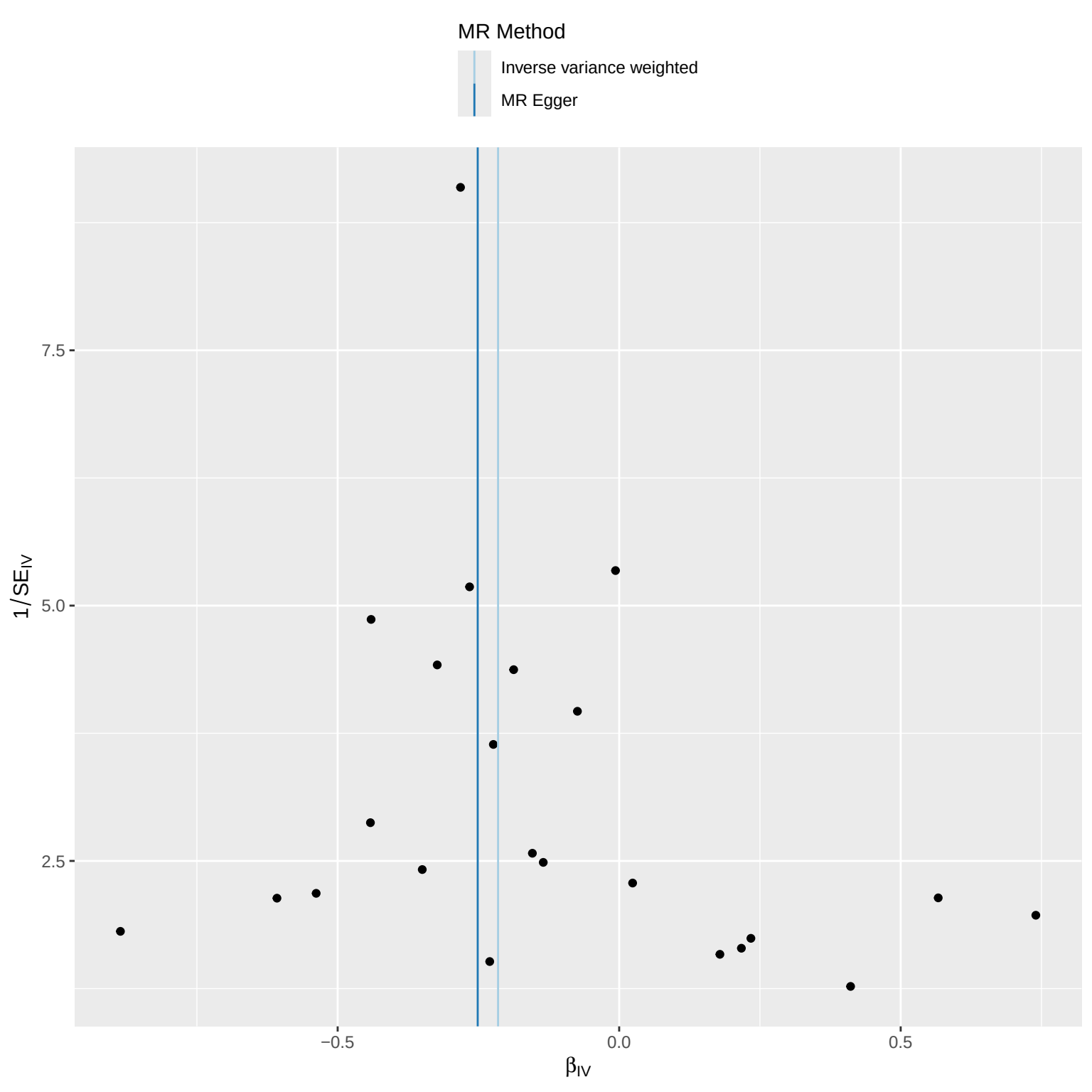

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

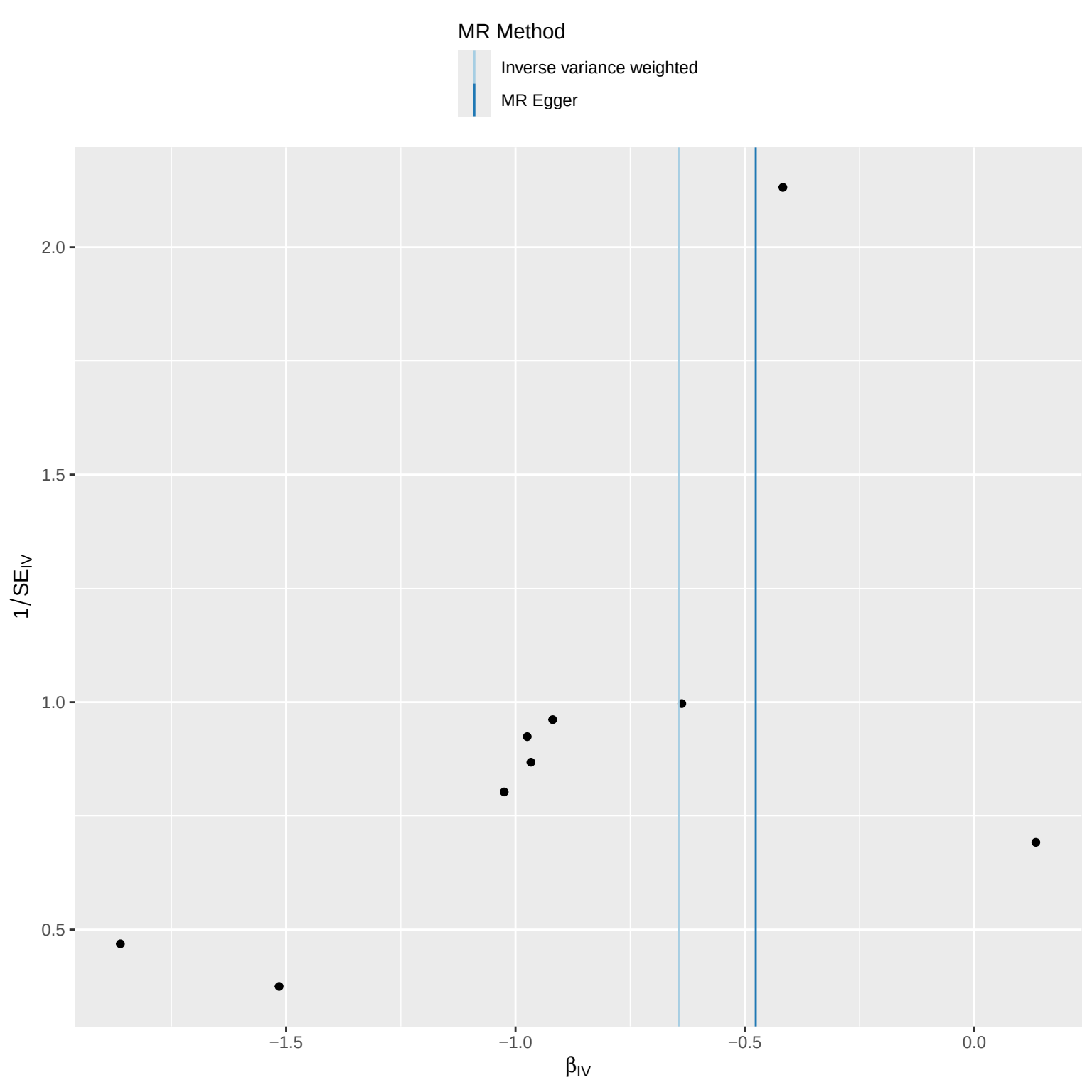

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

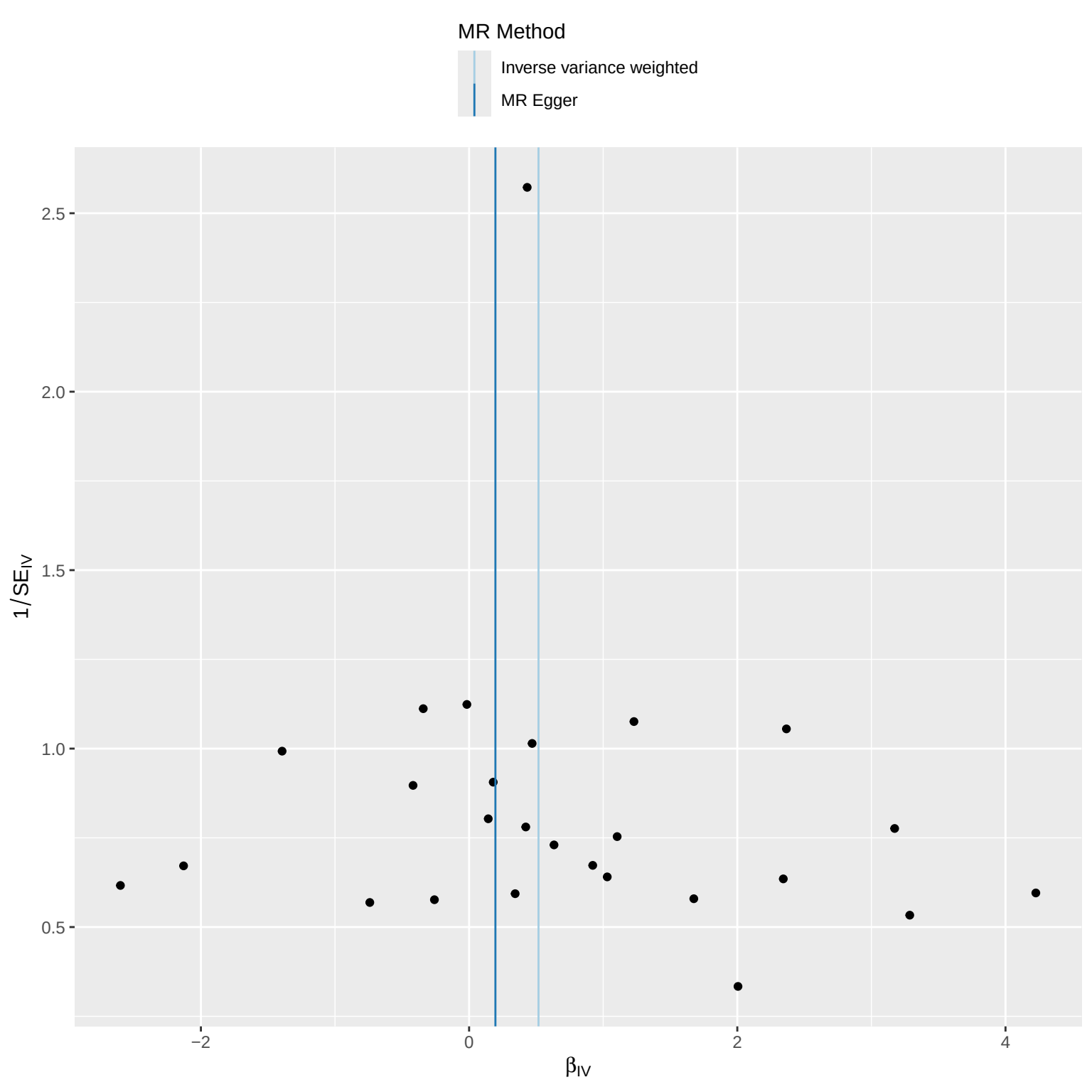

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

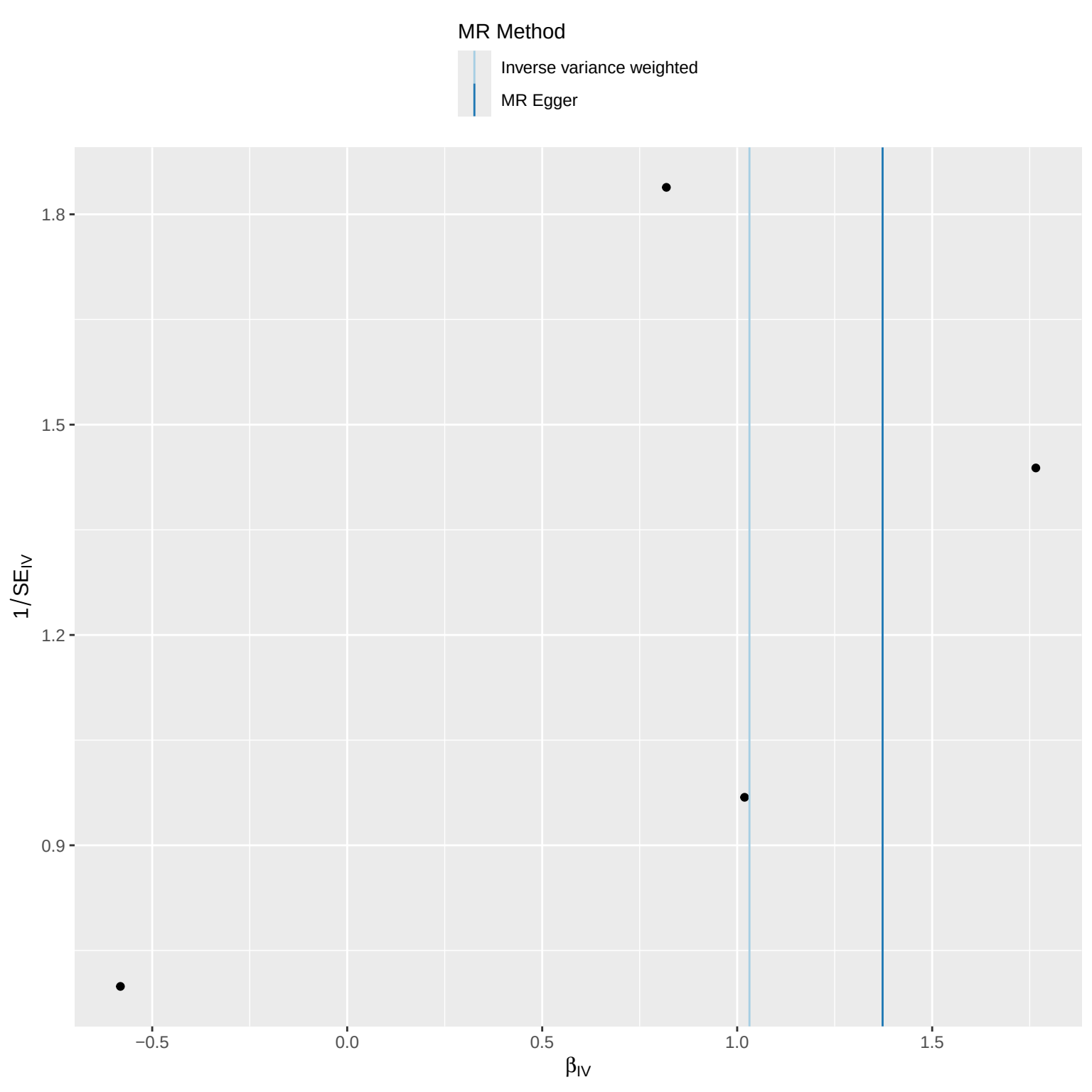

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

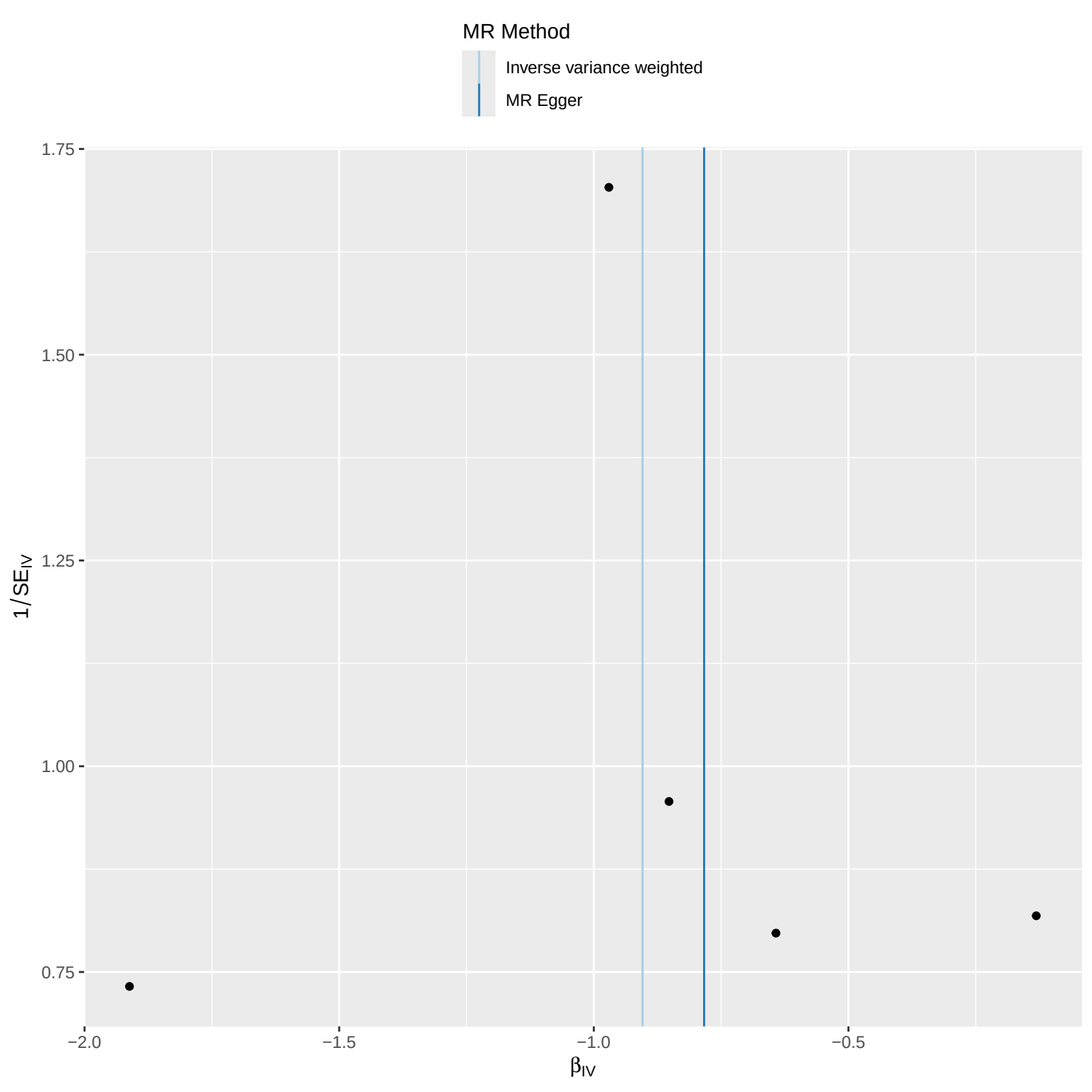

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−1.2
−0.8
−0.4
0.0
β_IV

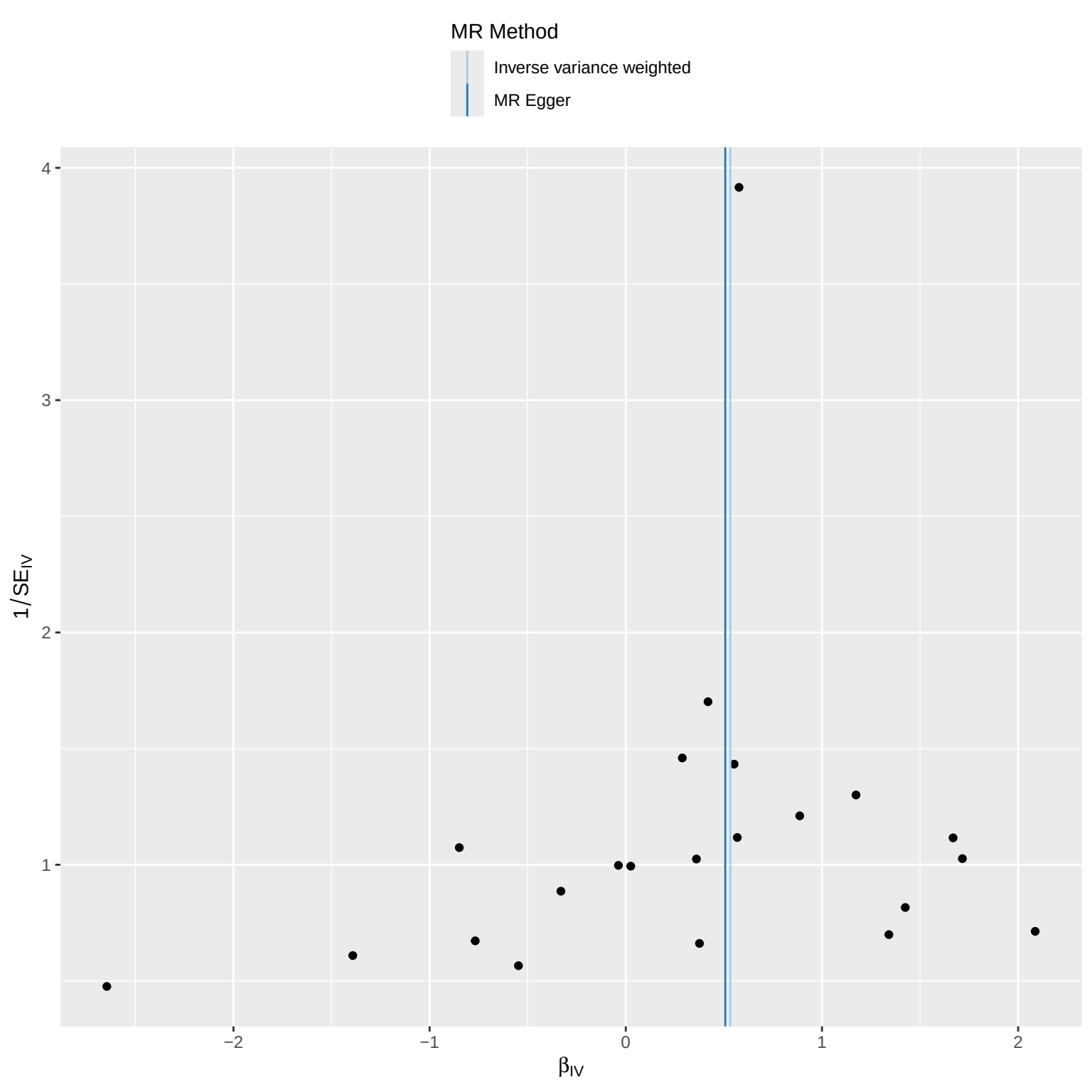

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

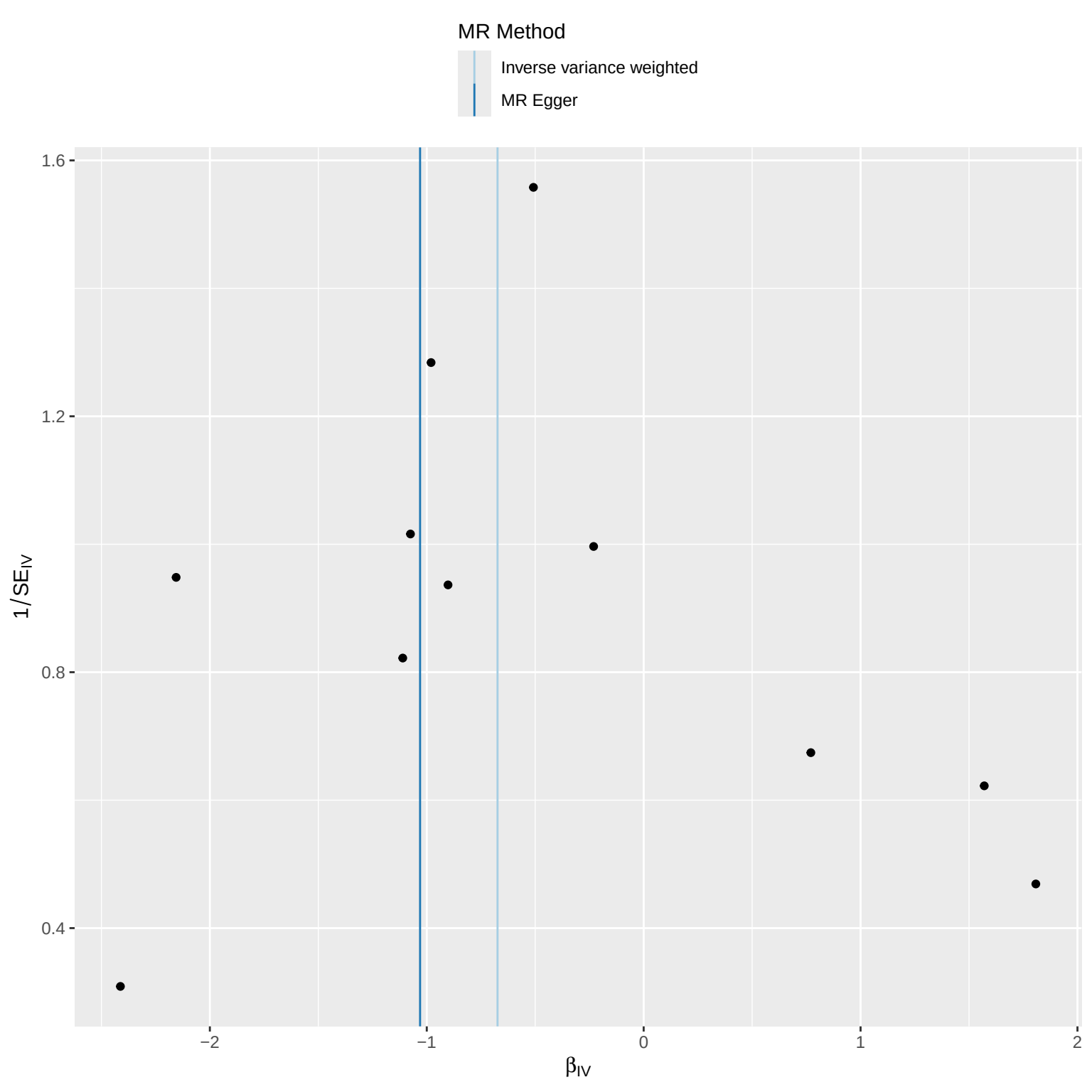

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

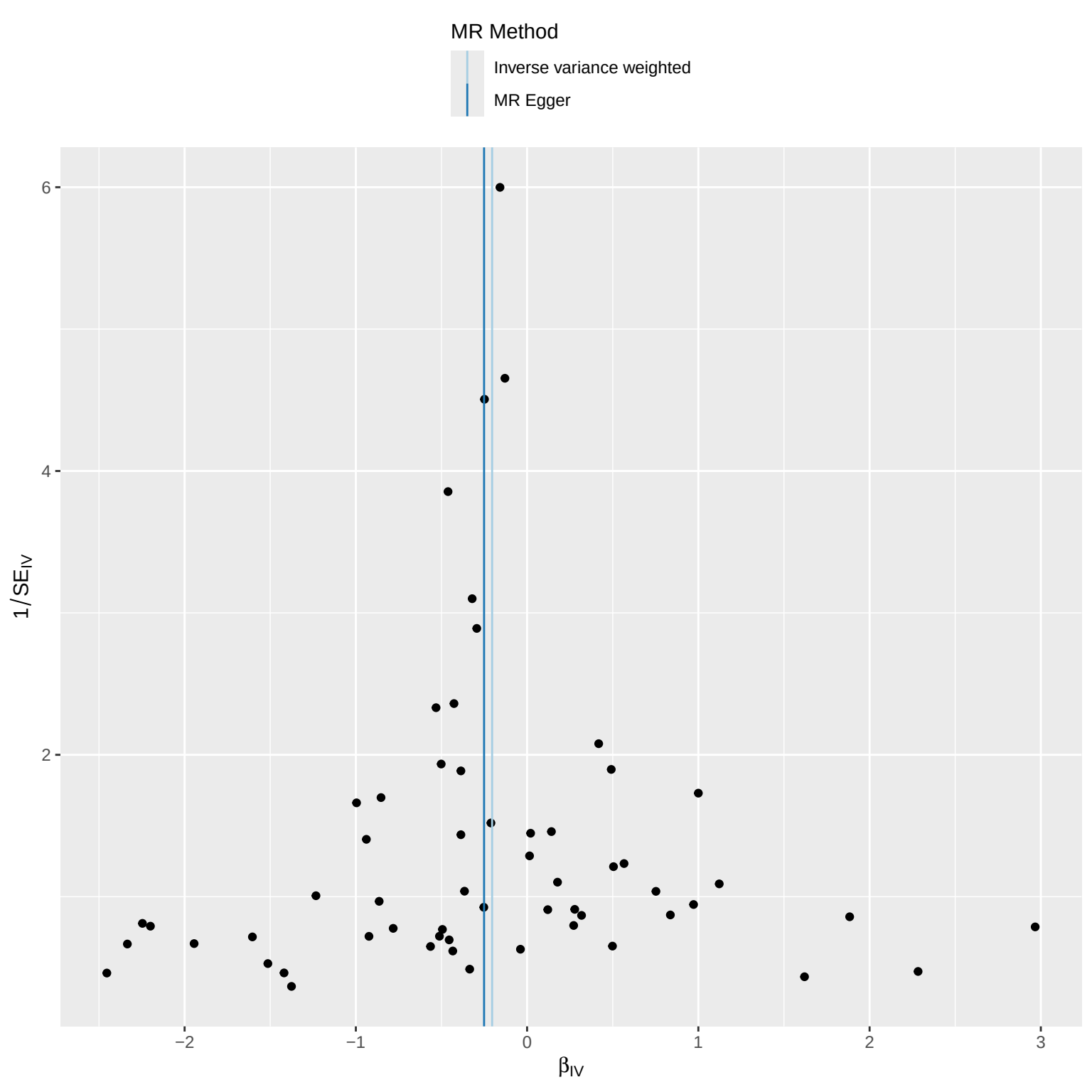

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
4
β_IV

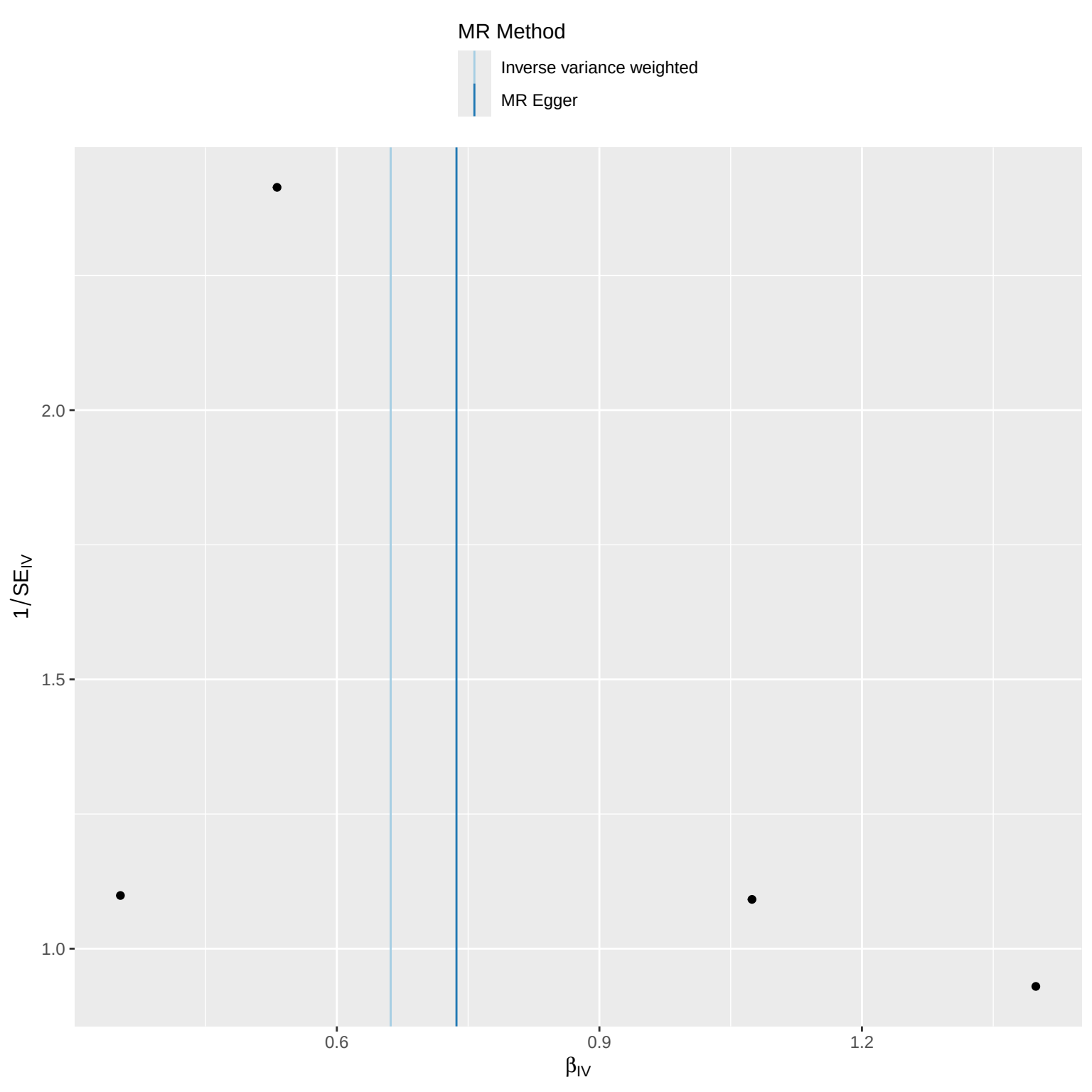

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

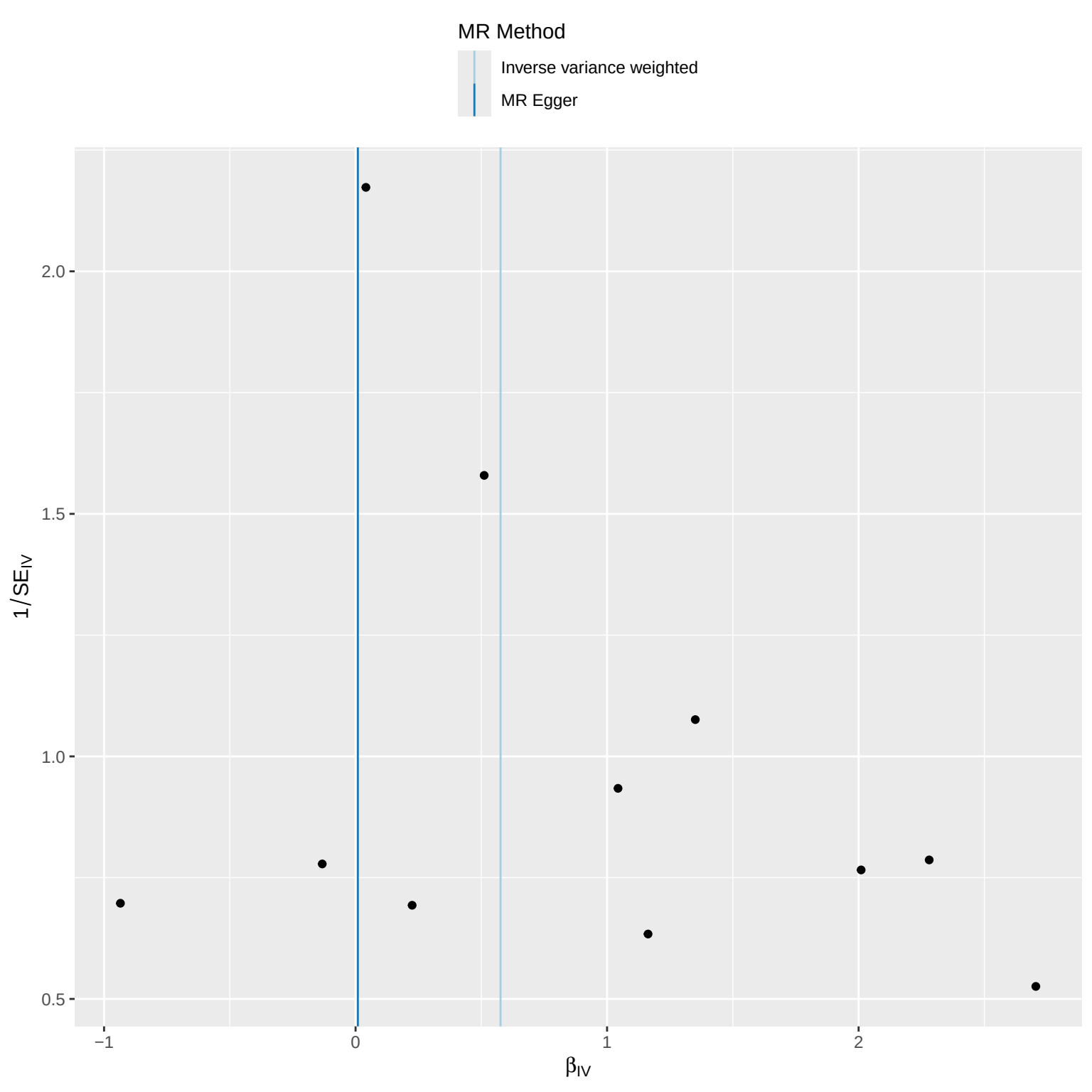

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

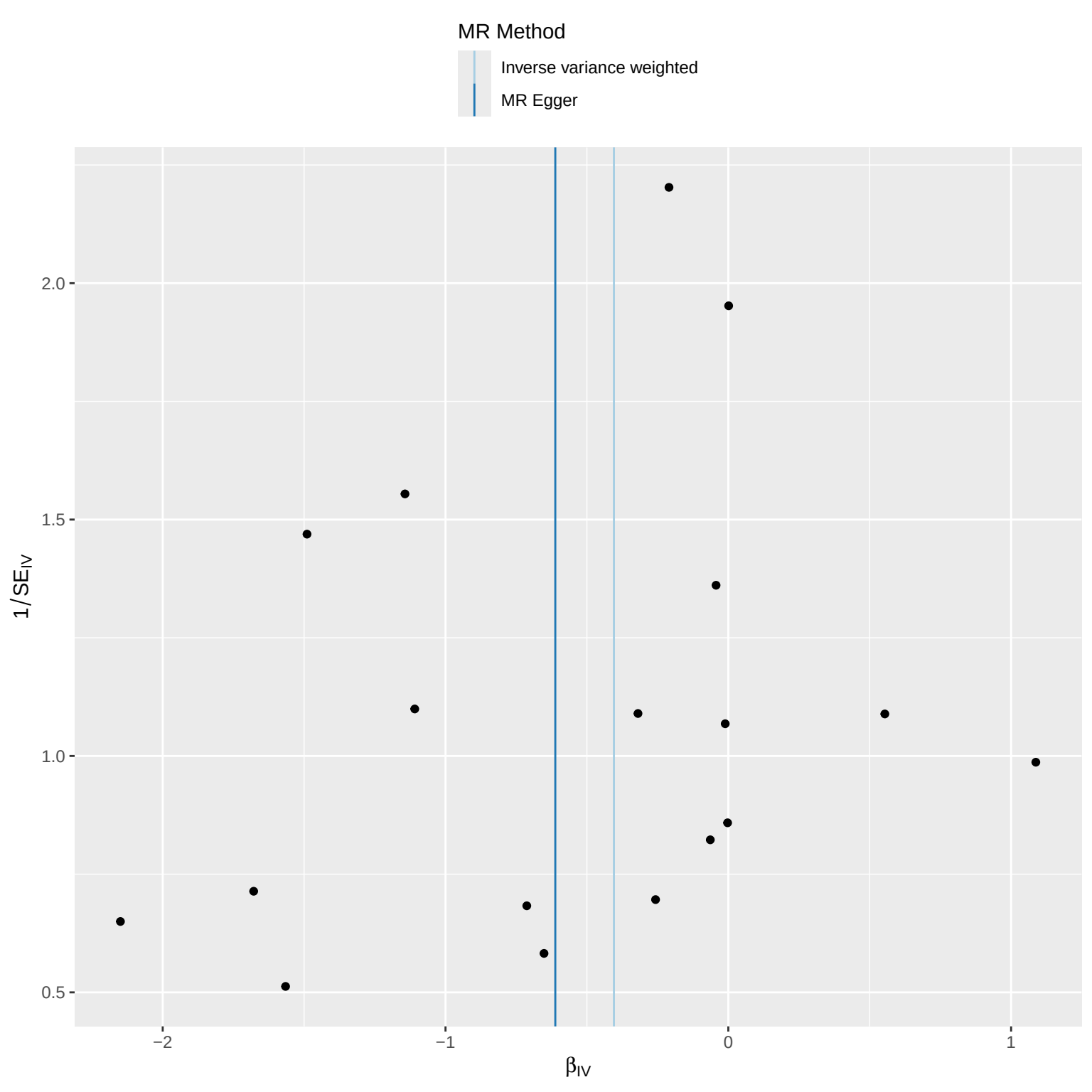

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

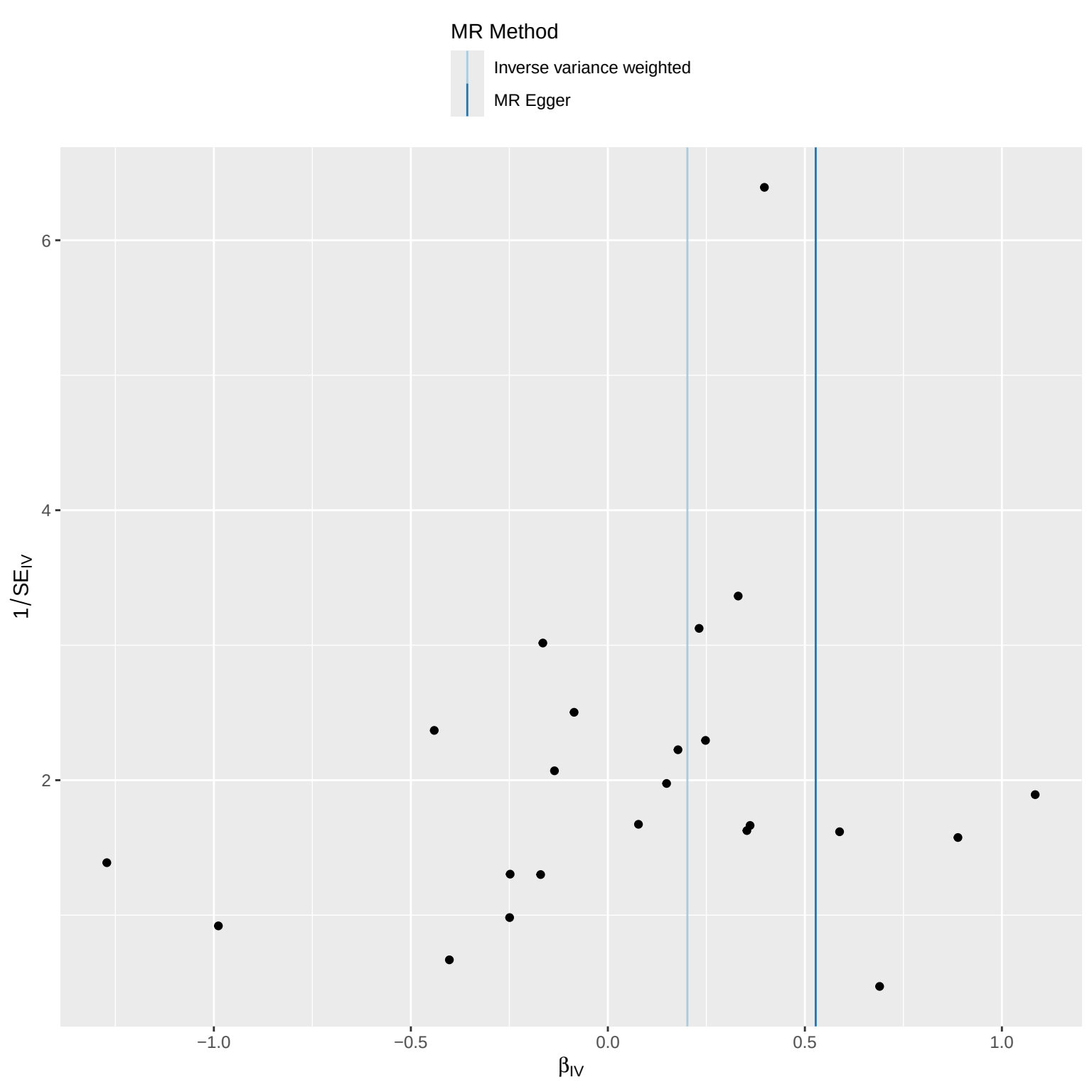

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

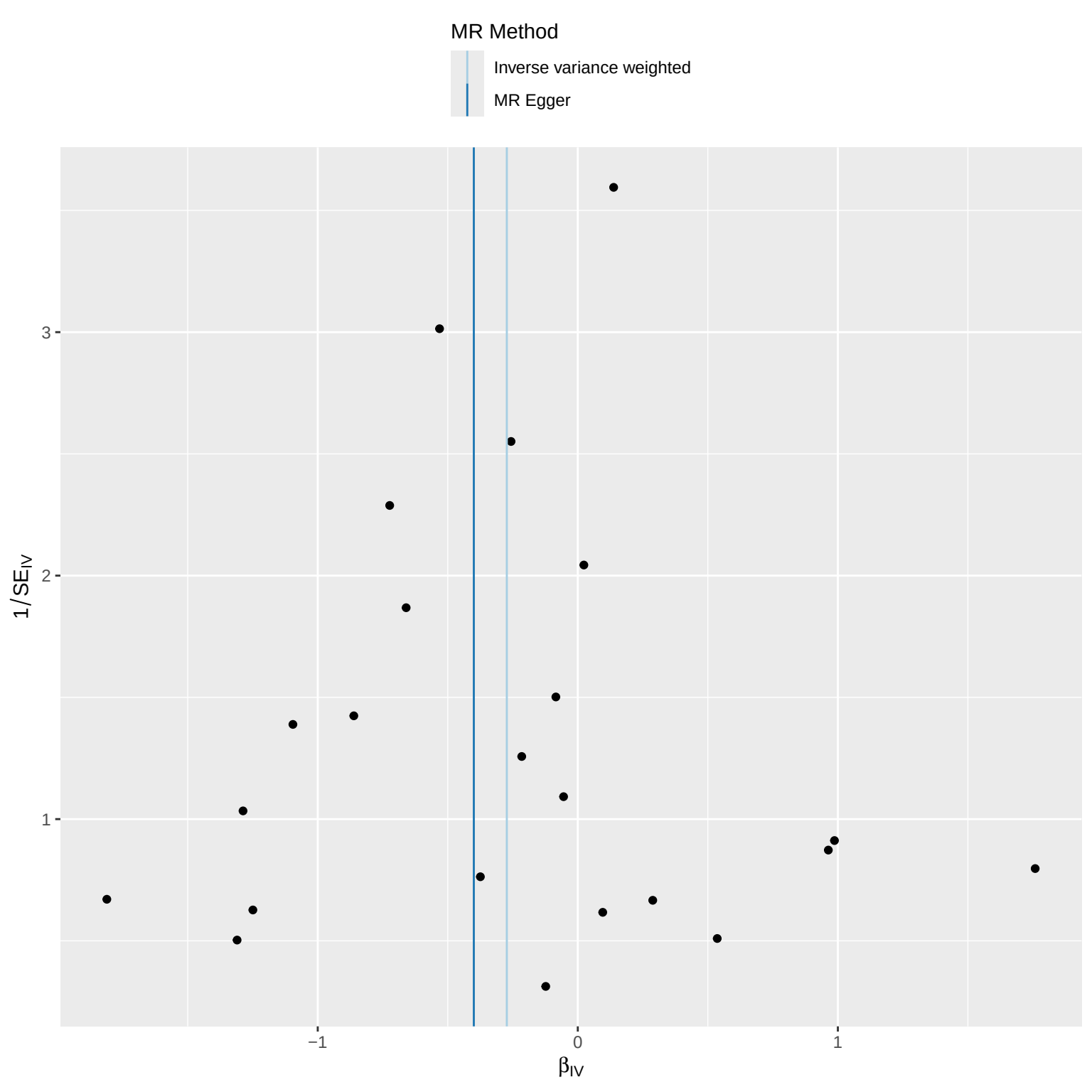

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

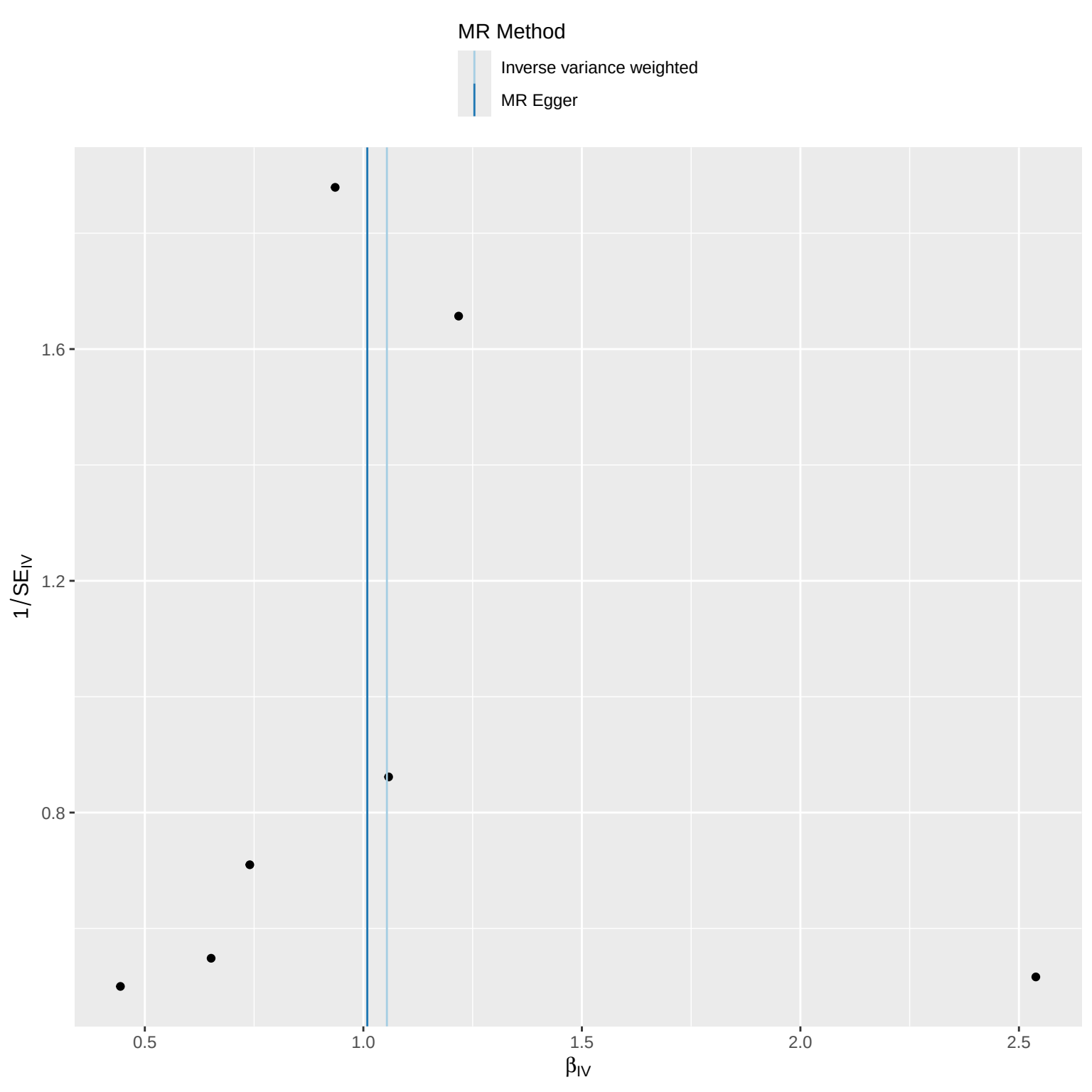

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.6
0.9
1.2
β_IV

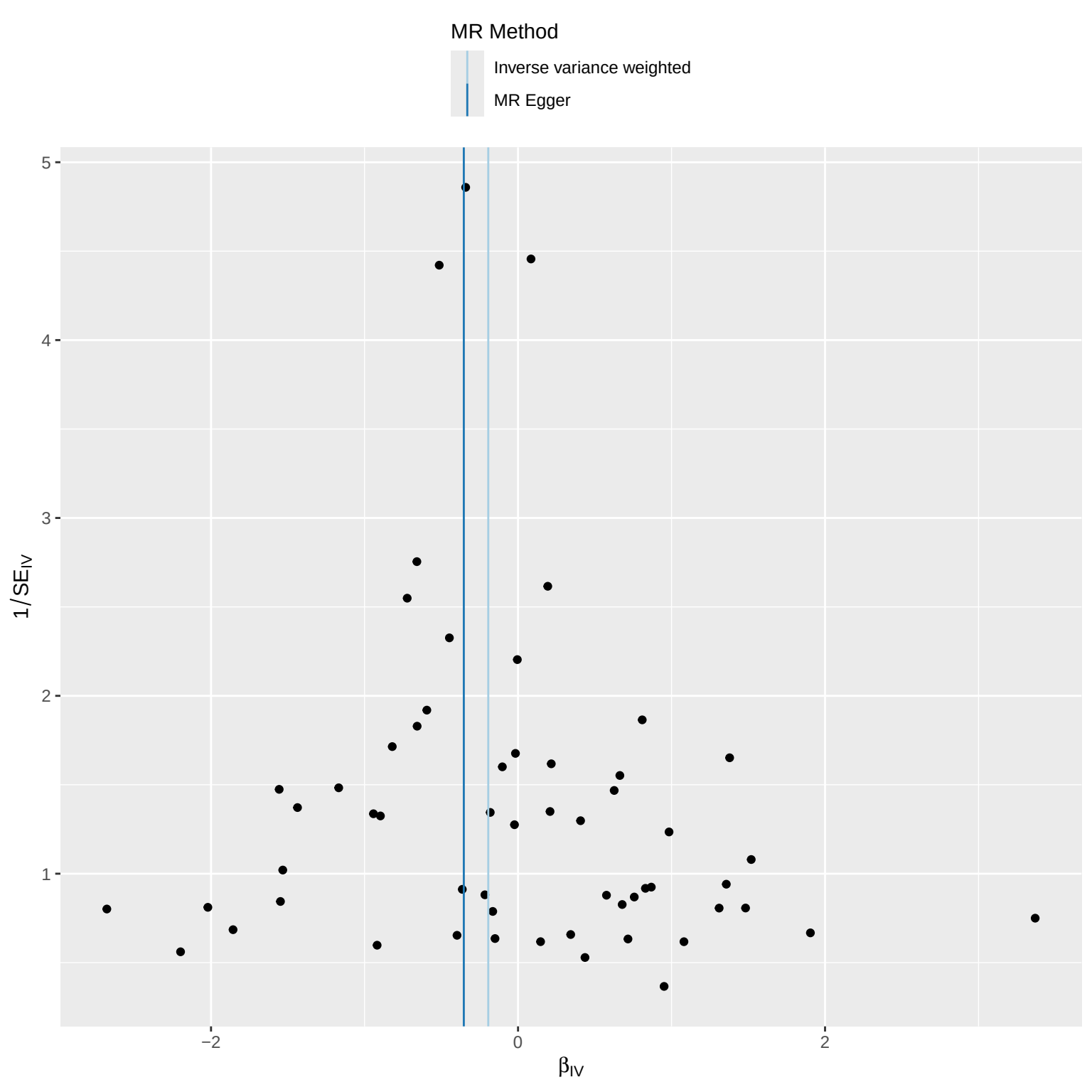

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

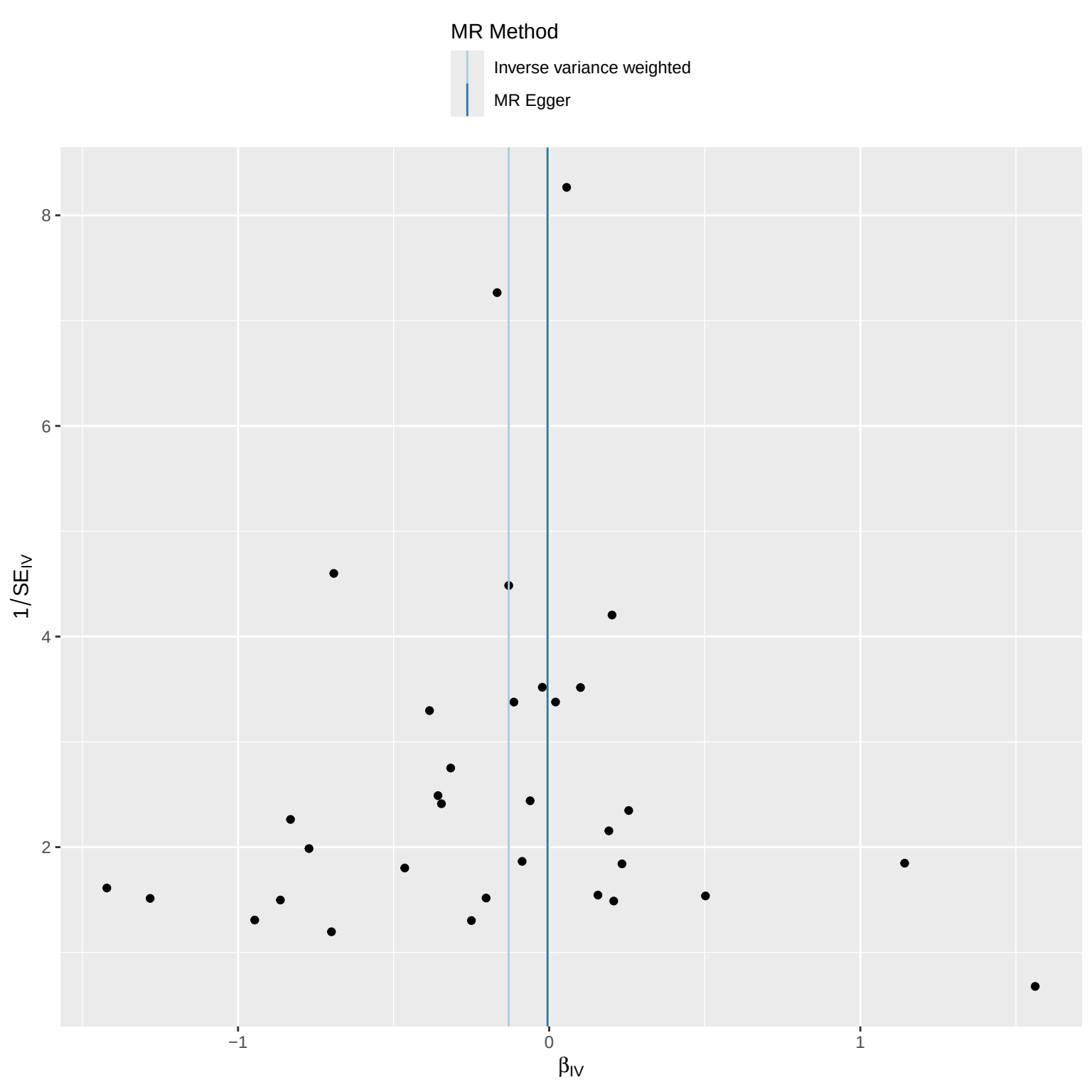

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

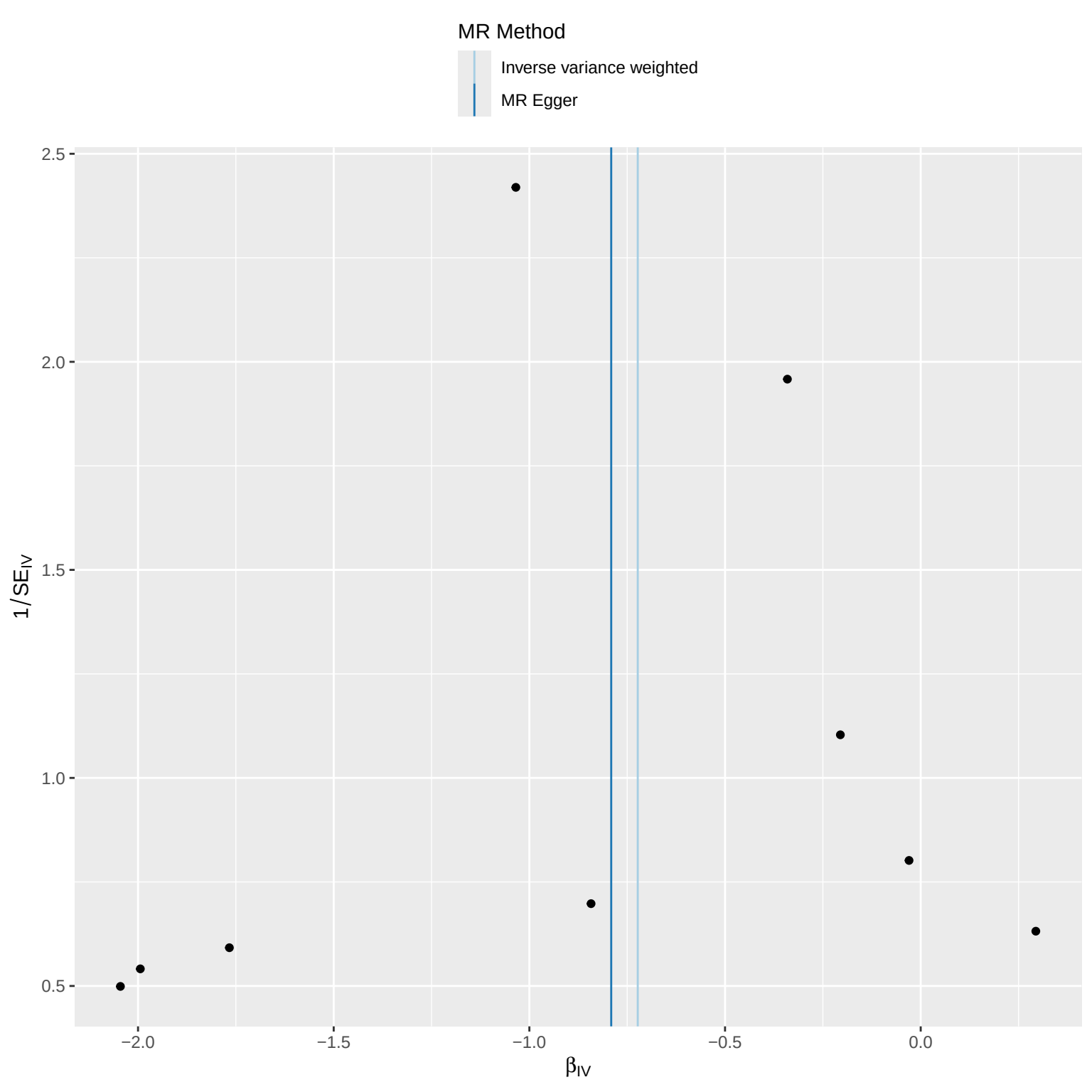

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

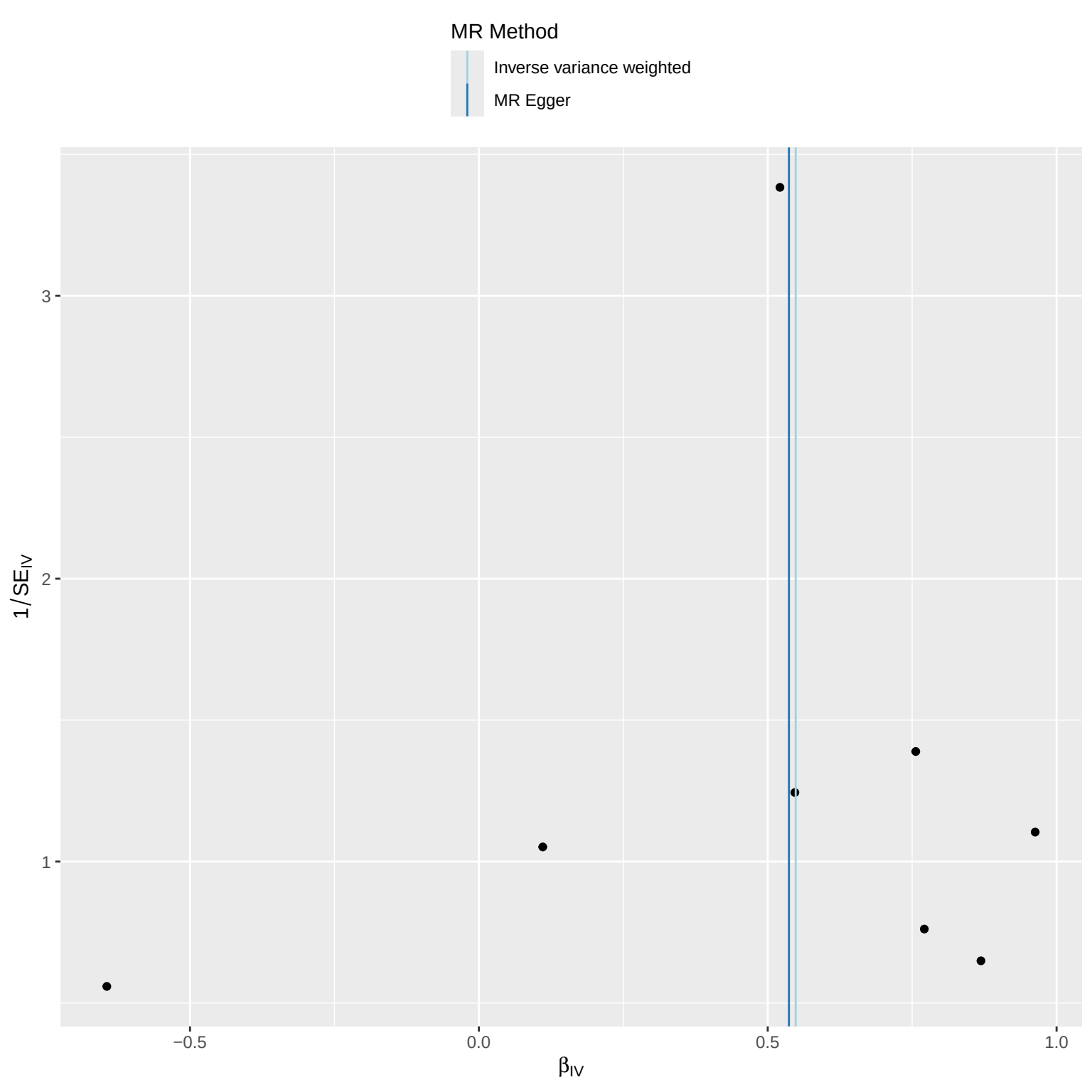

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

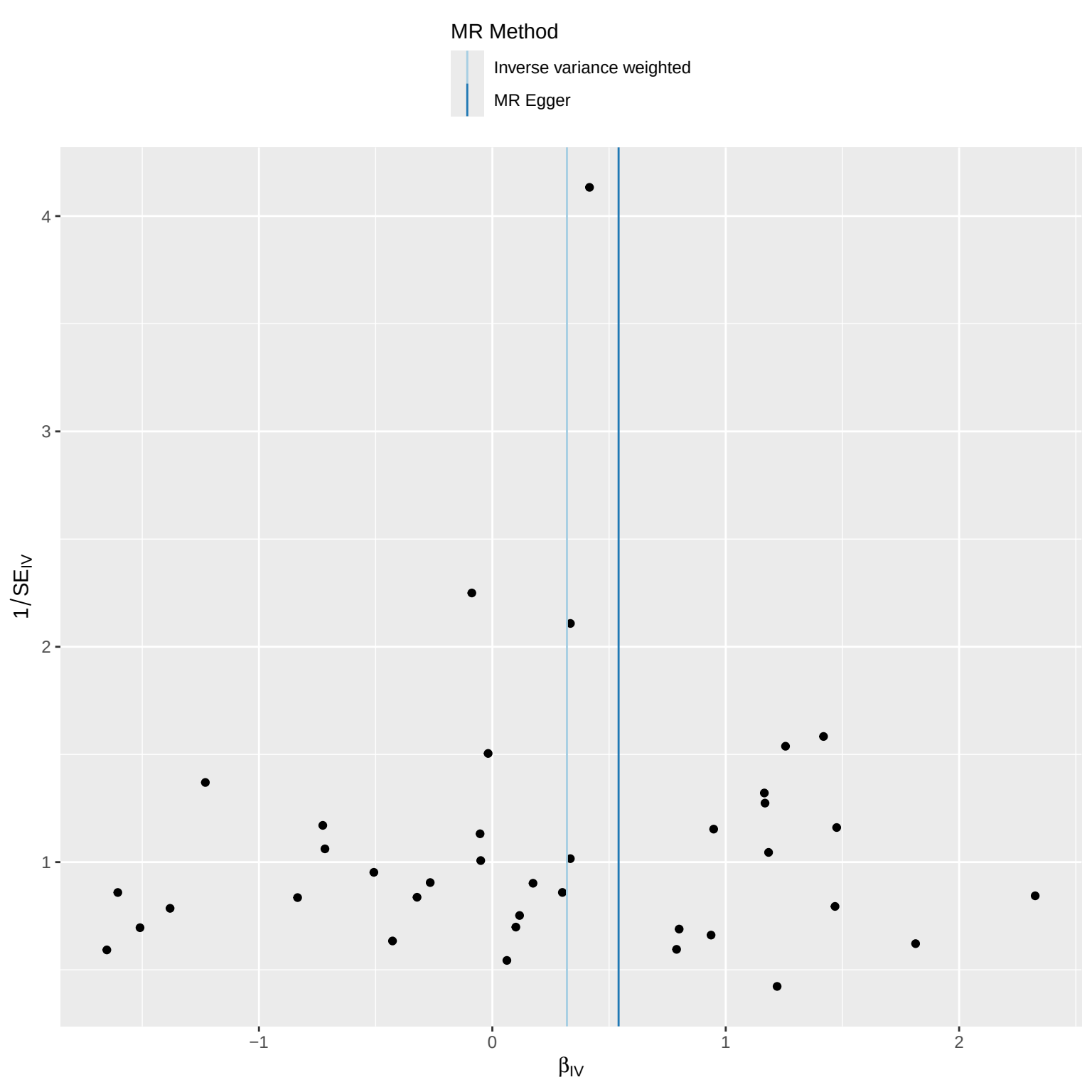

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
0.5
1.0
1.5
2.0
2.5
β_IV

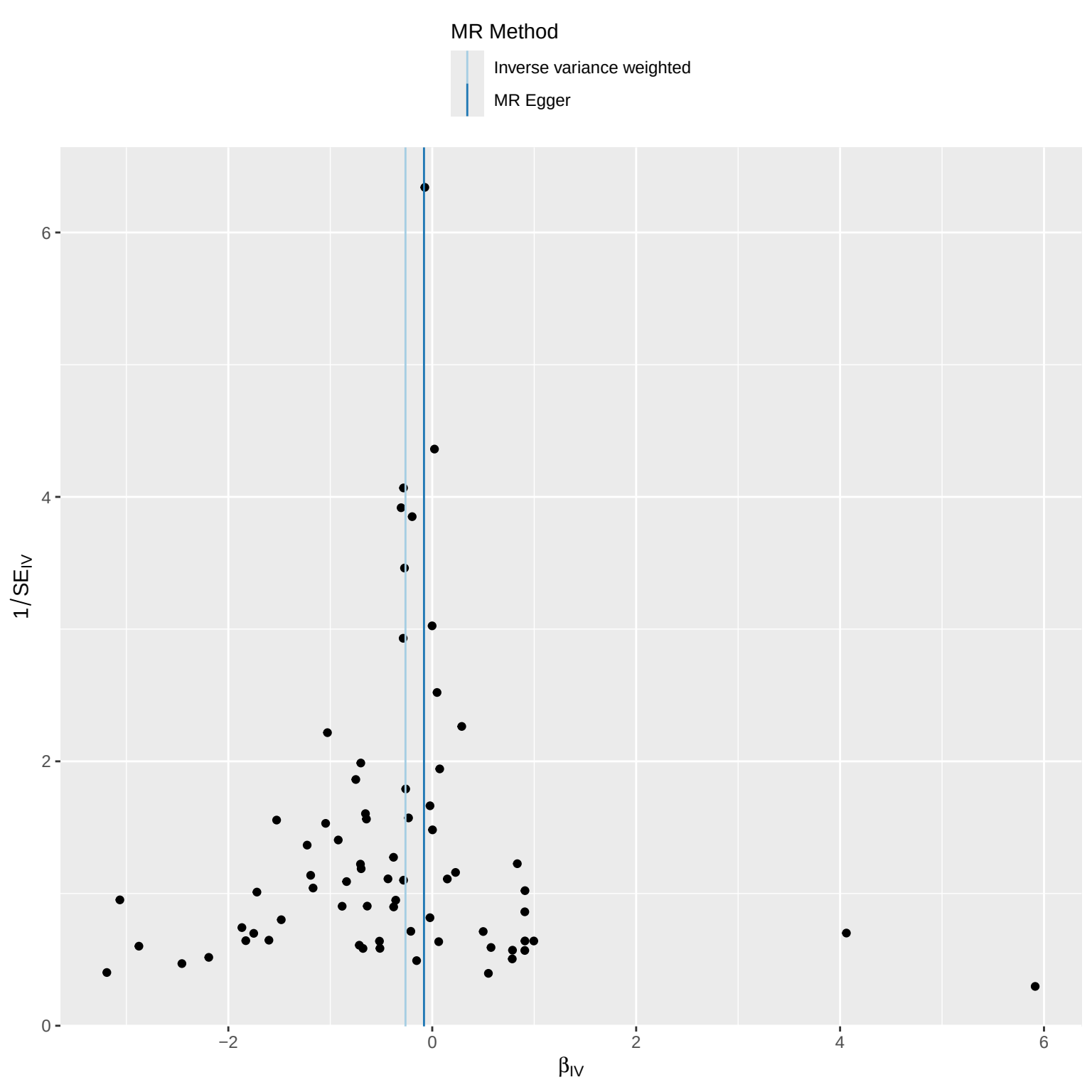

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

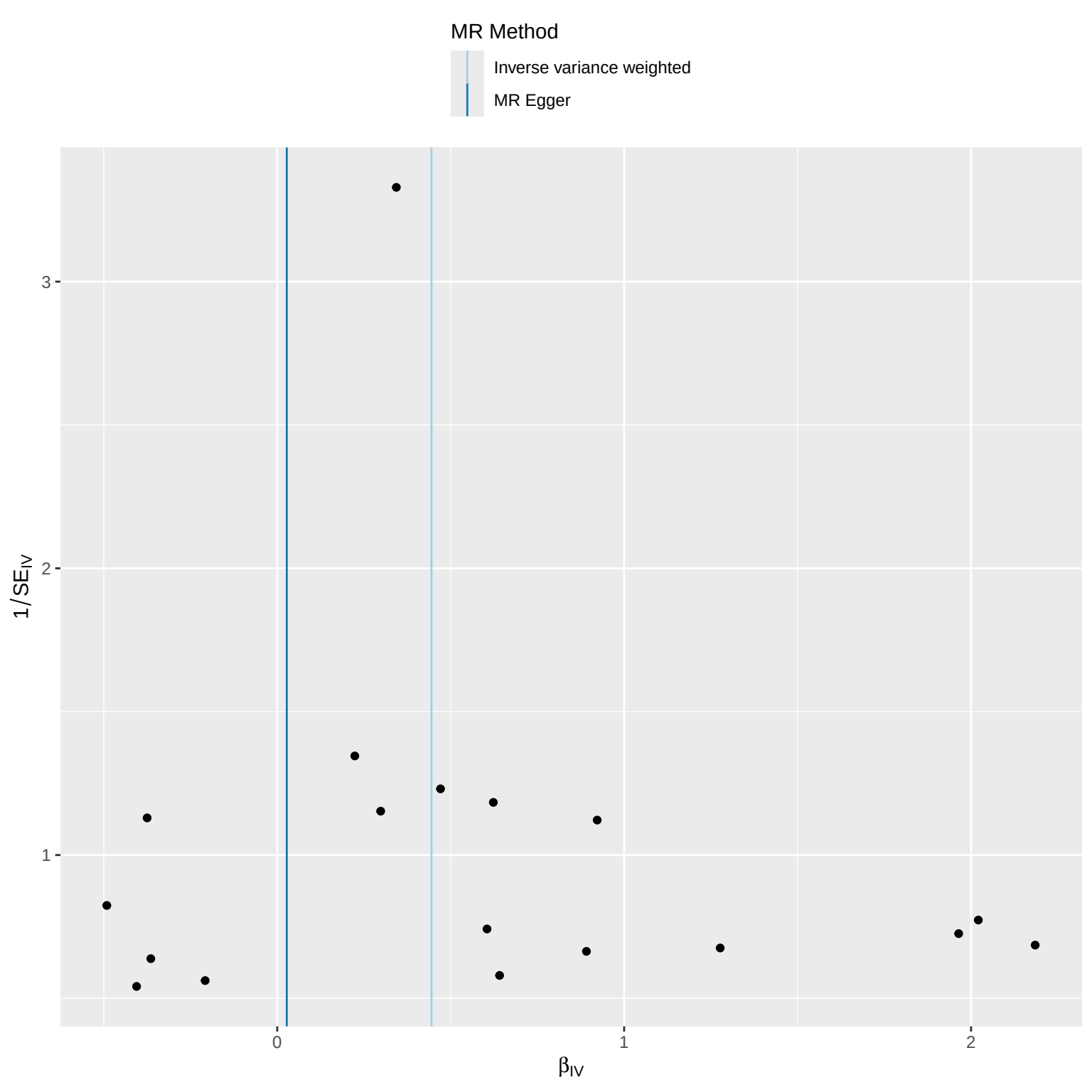

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

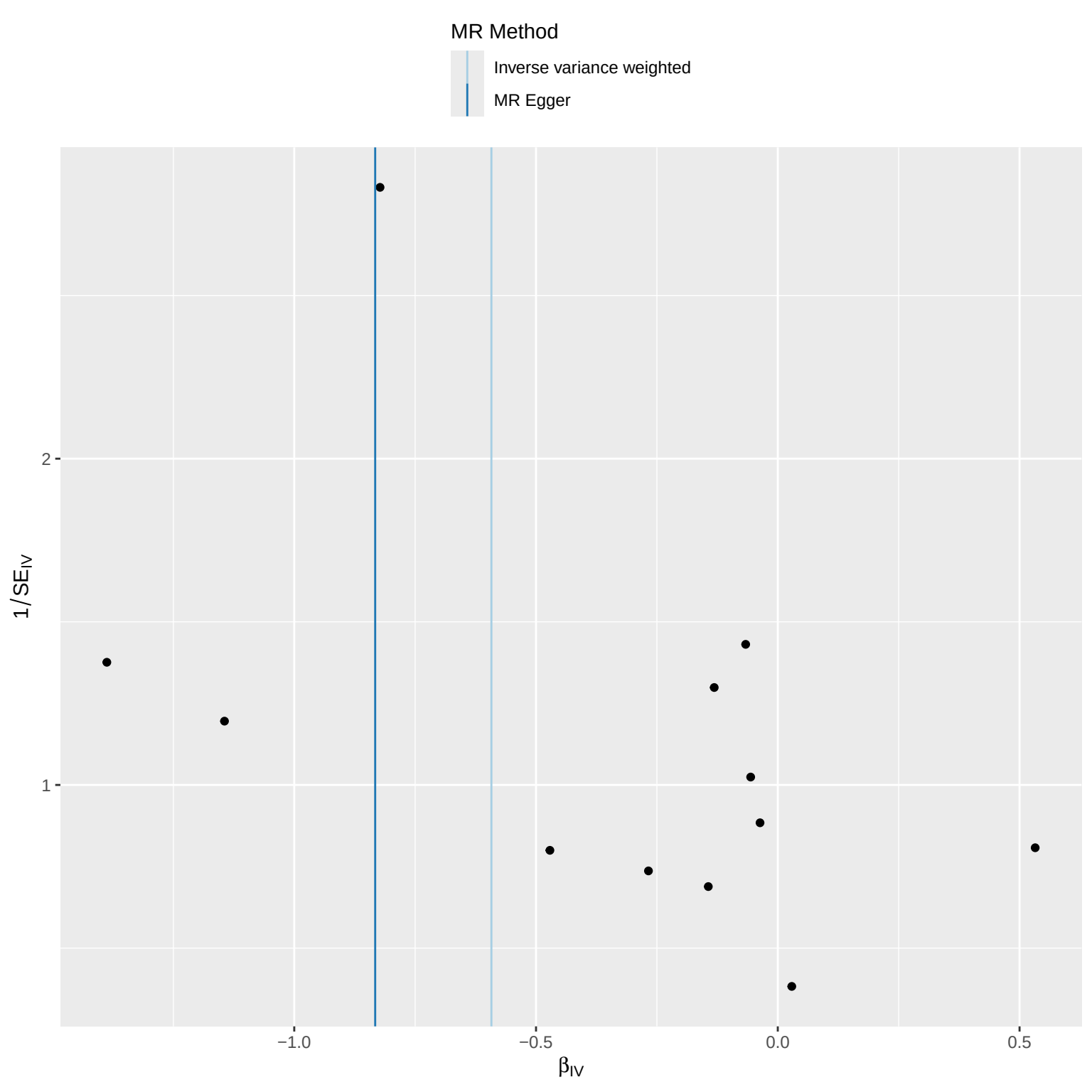

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

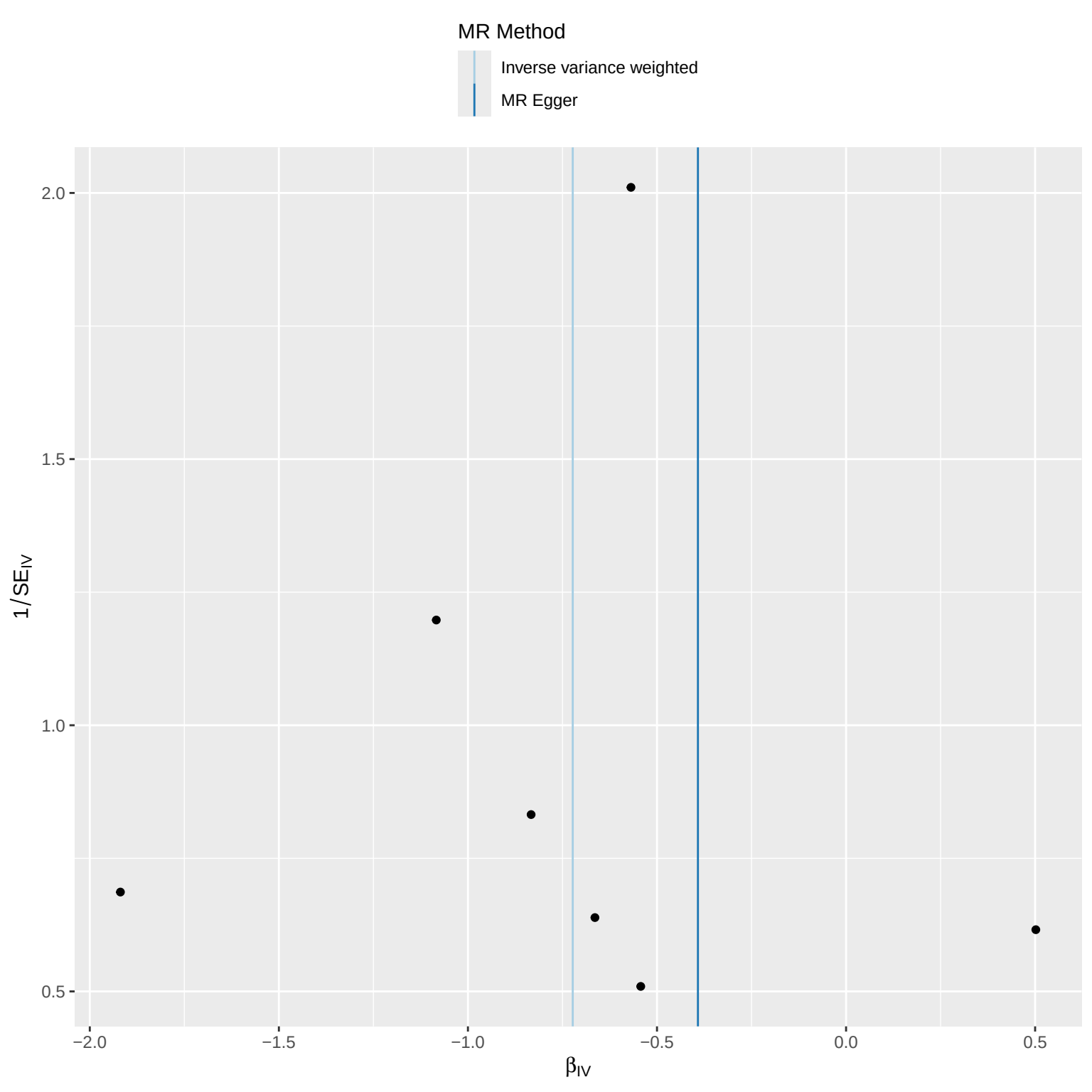

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

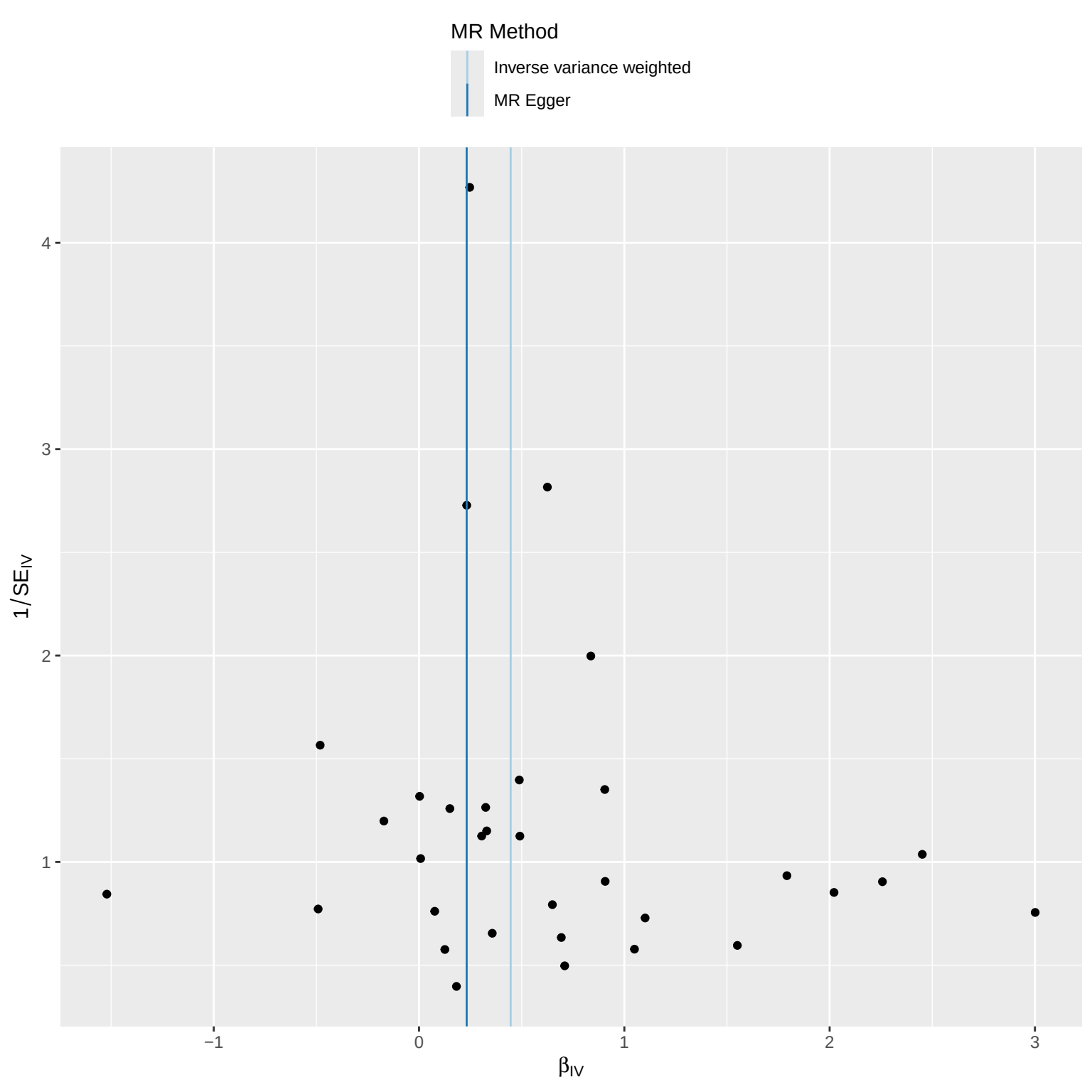

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

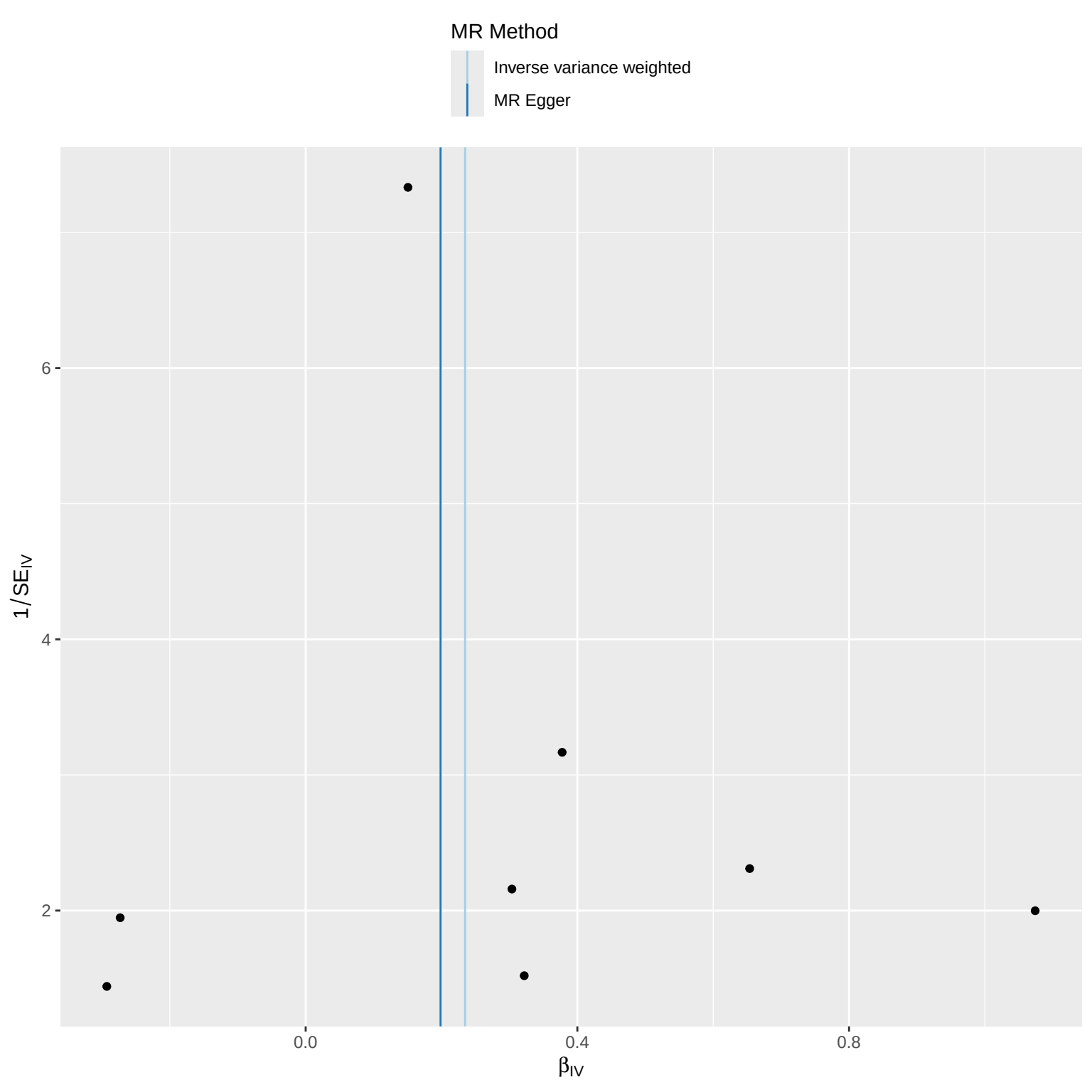

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−2
0
2
4
6
β_IV

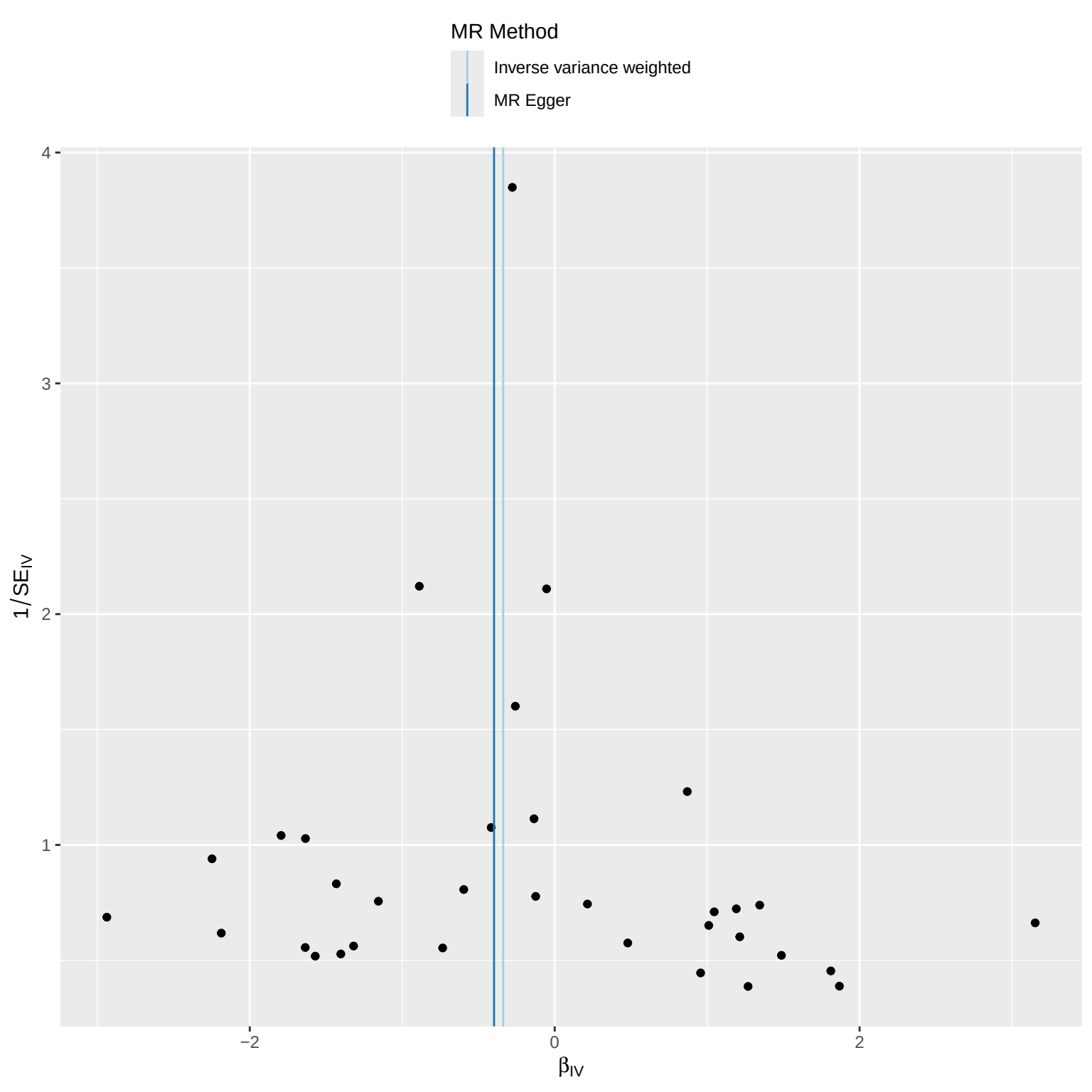

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
1/SE_IV
β_IV

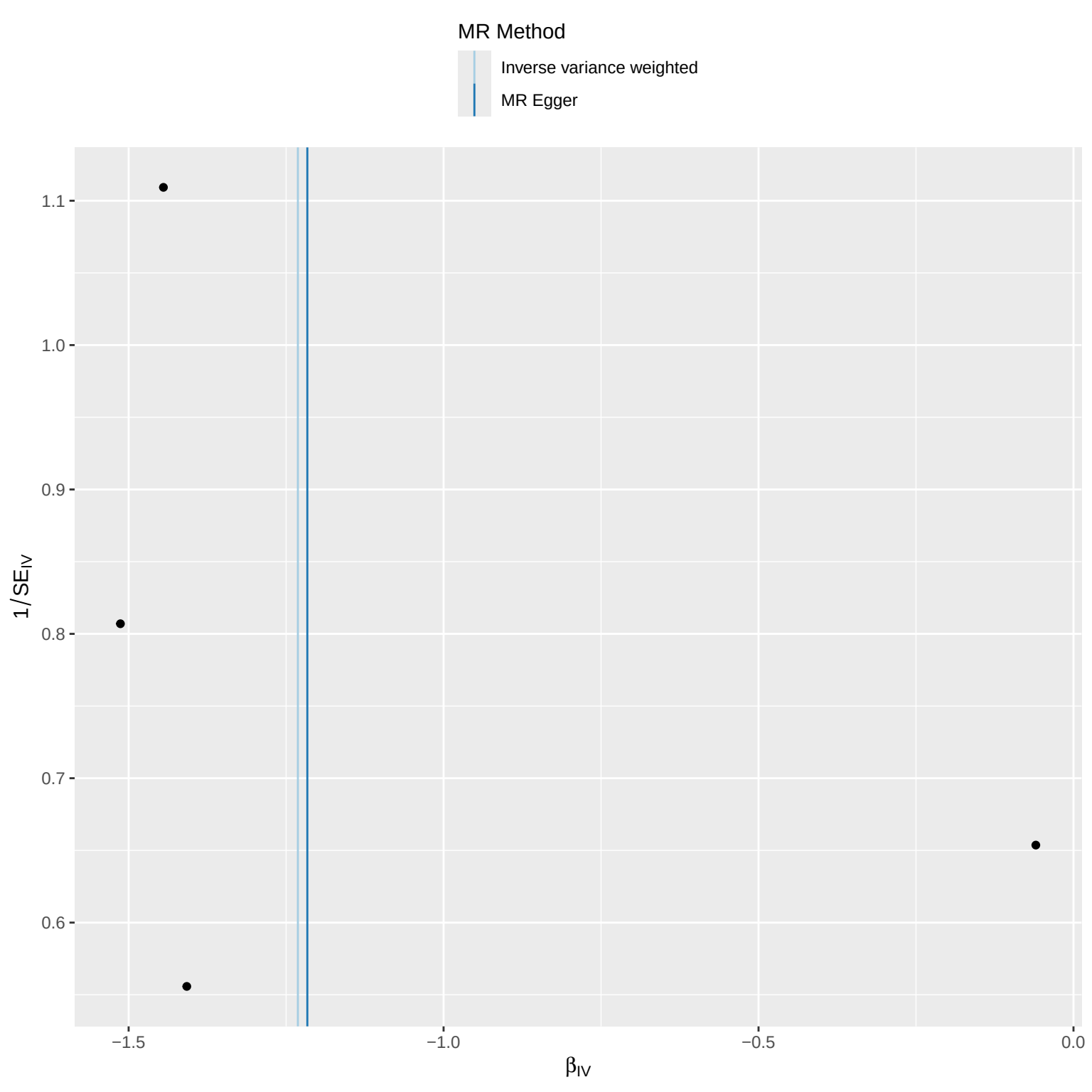

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

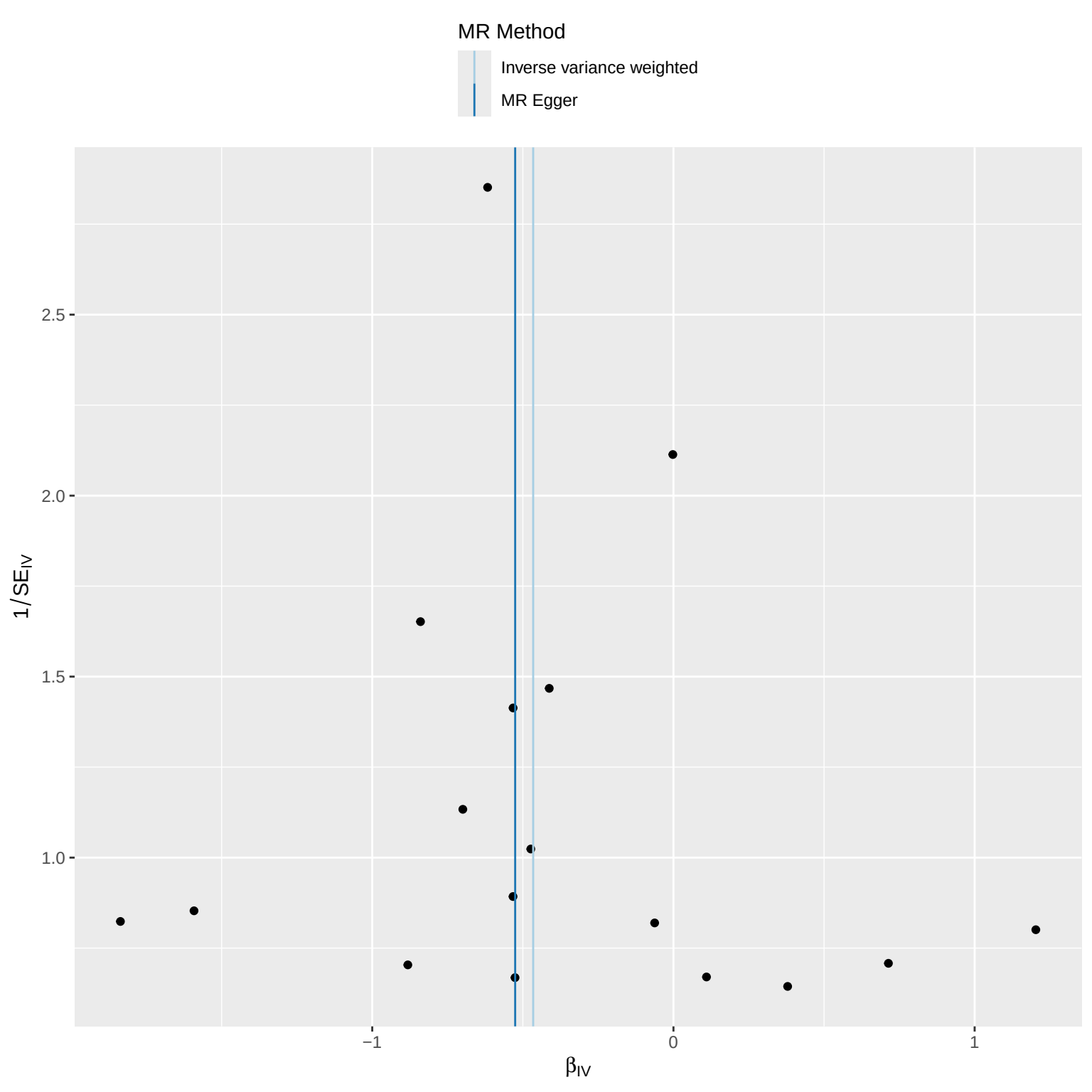

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

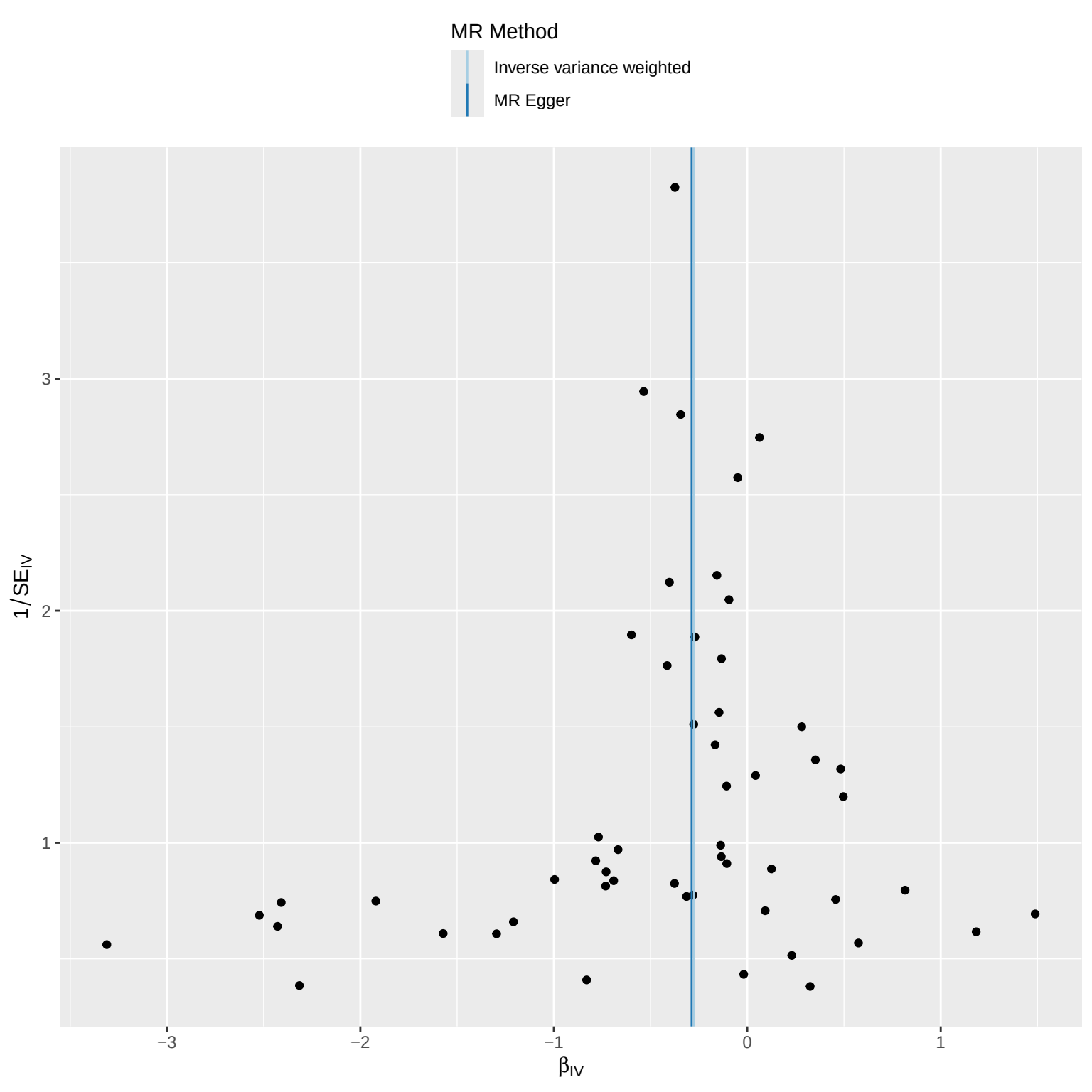

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

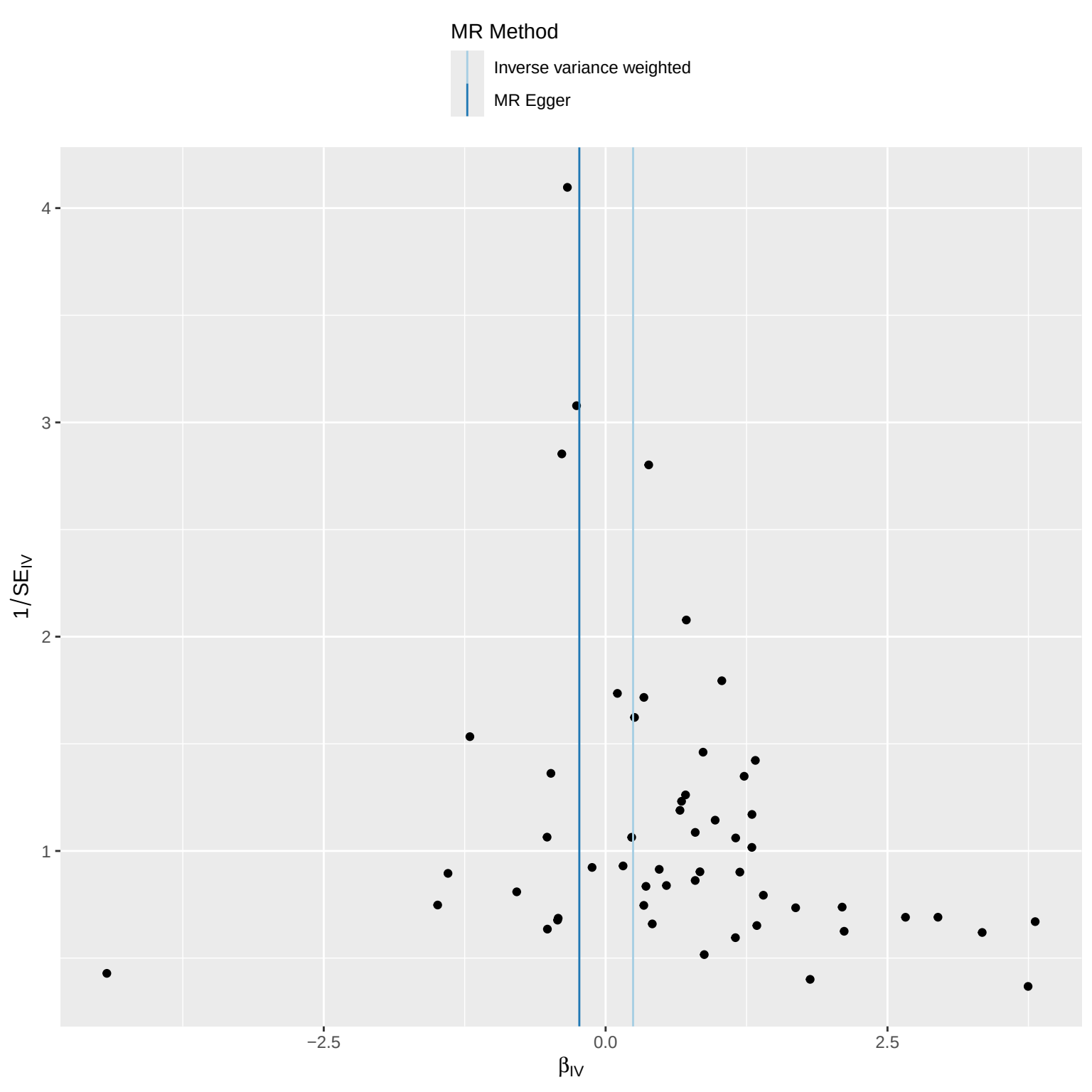

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.4
0.8
β_IV

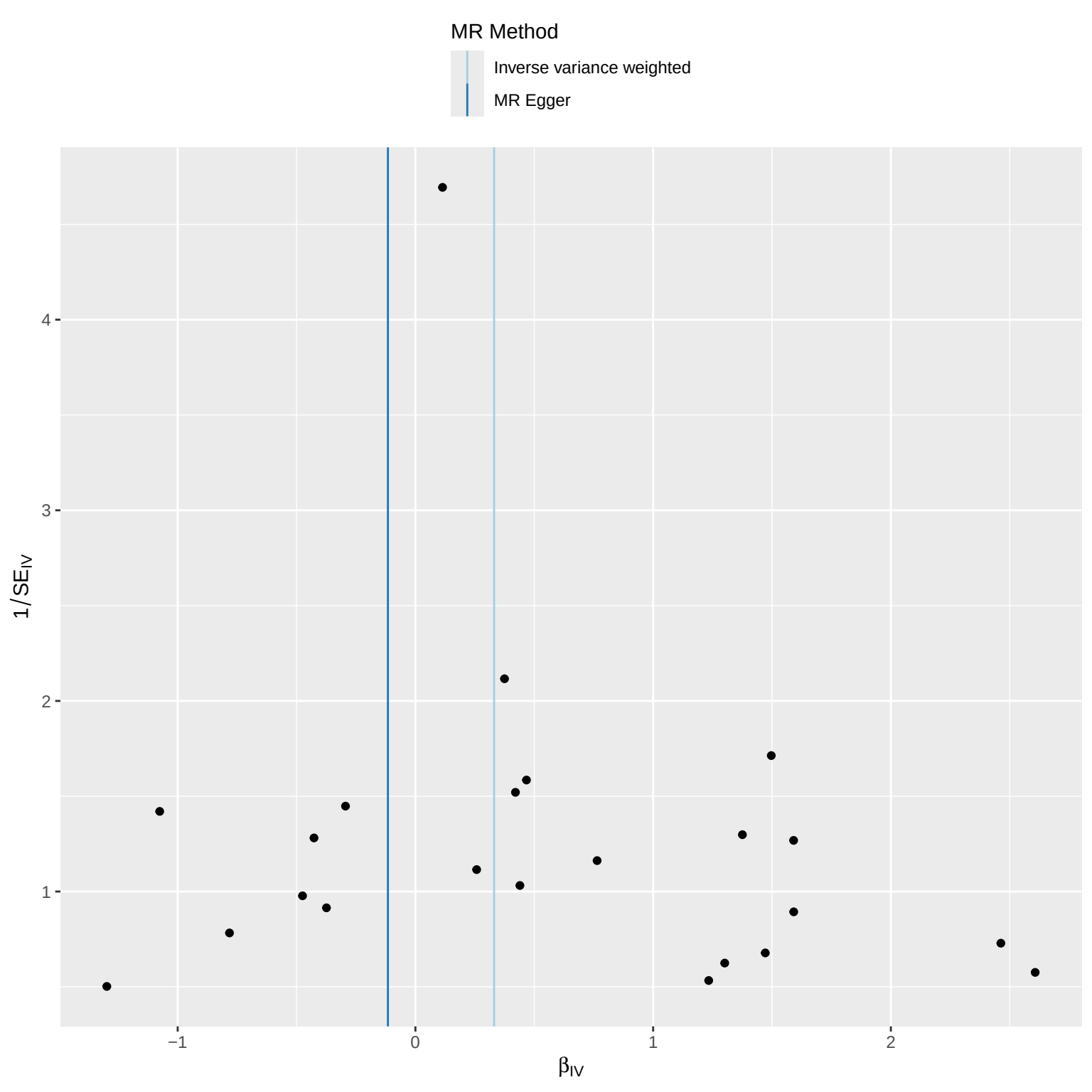

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

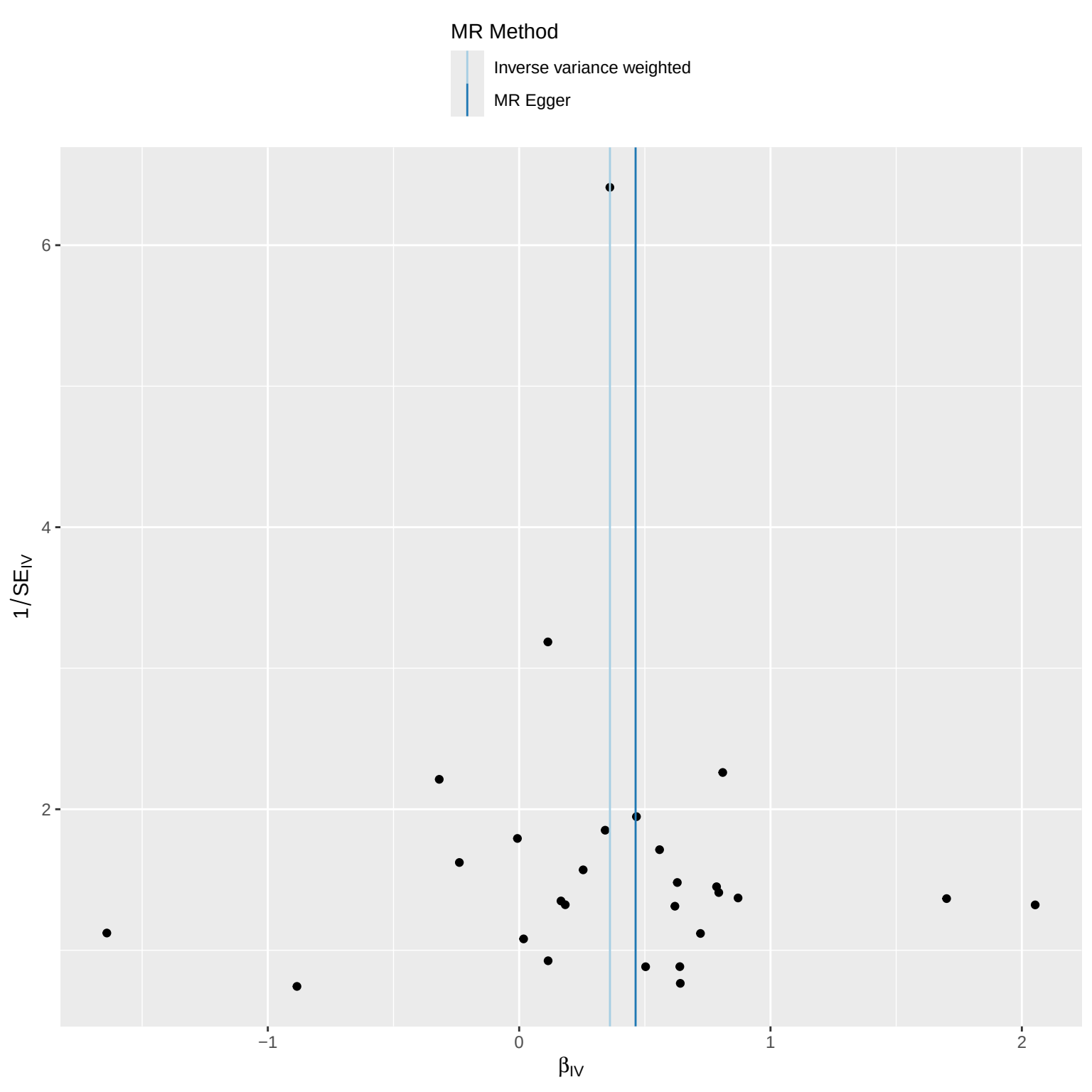

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
0.6
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

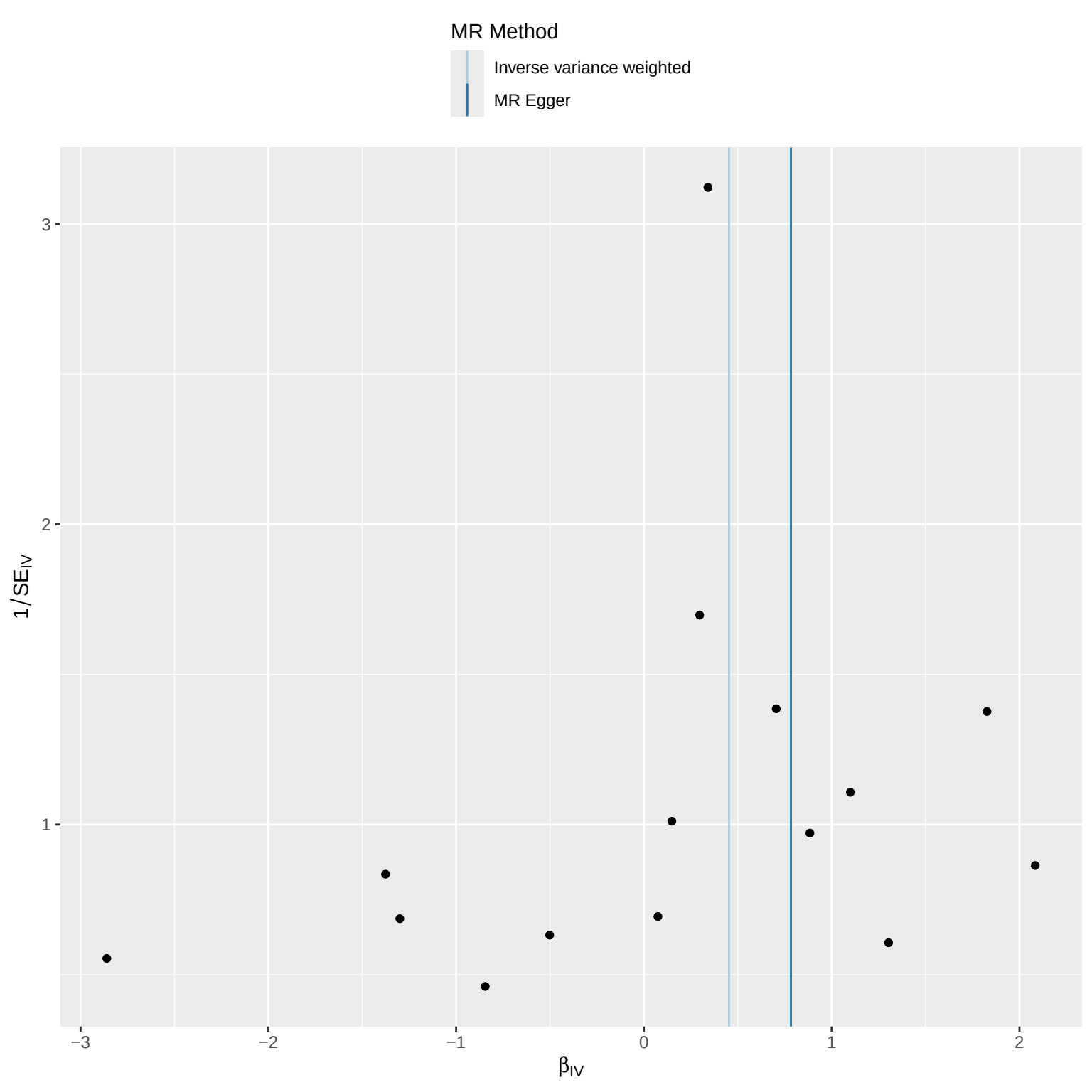

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

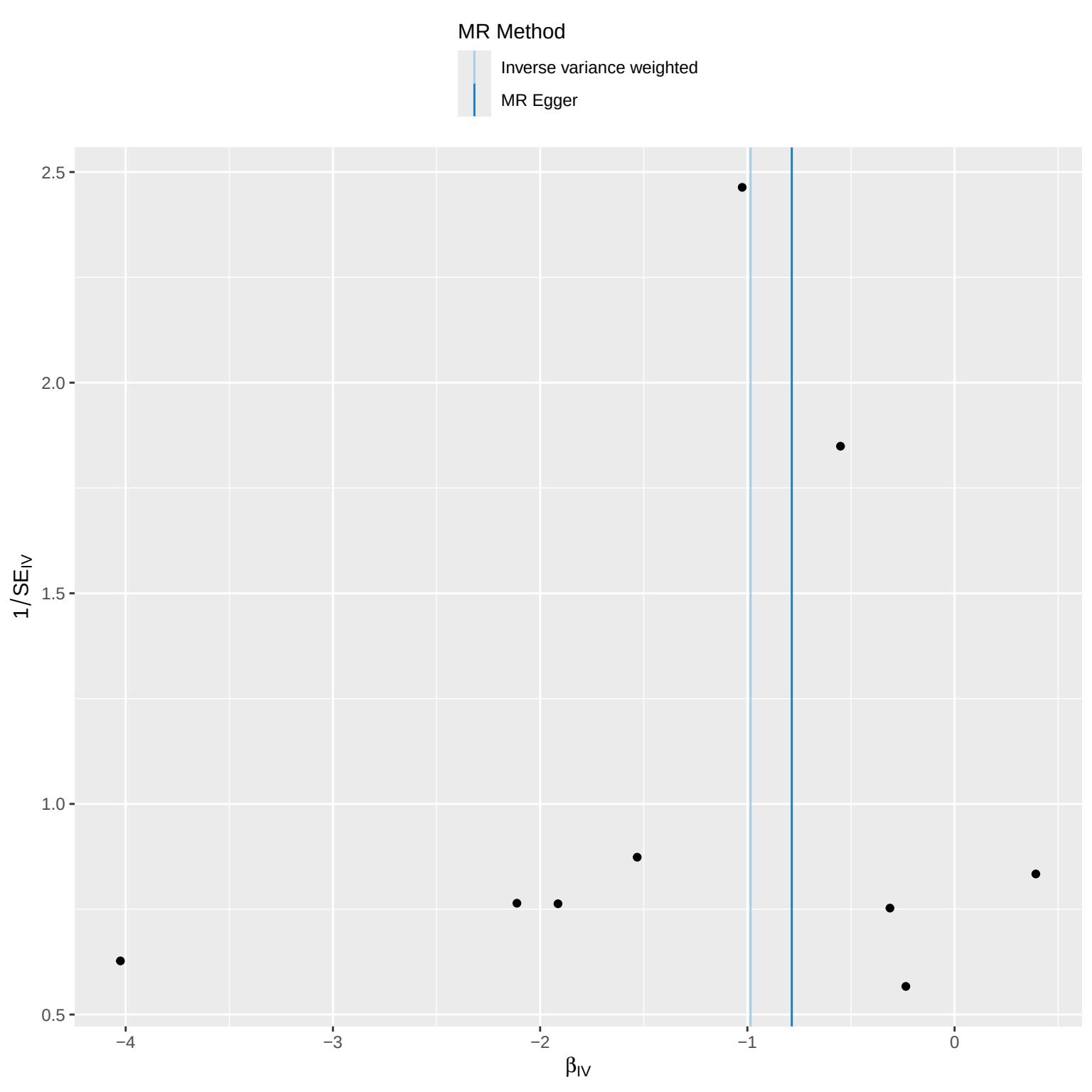

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−3
−2
−1
0
1
β_IV

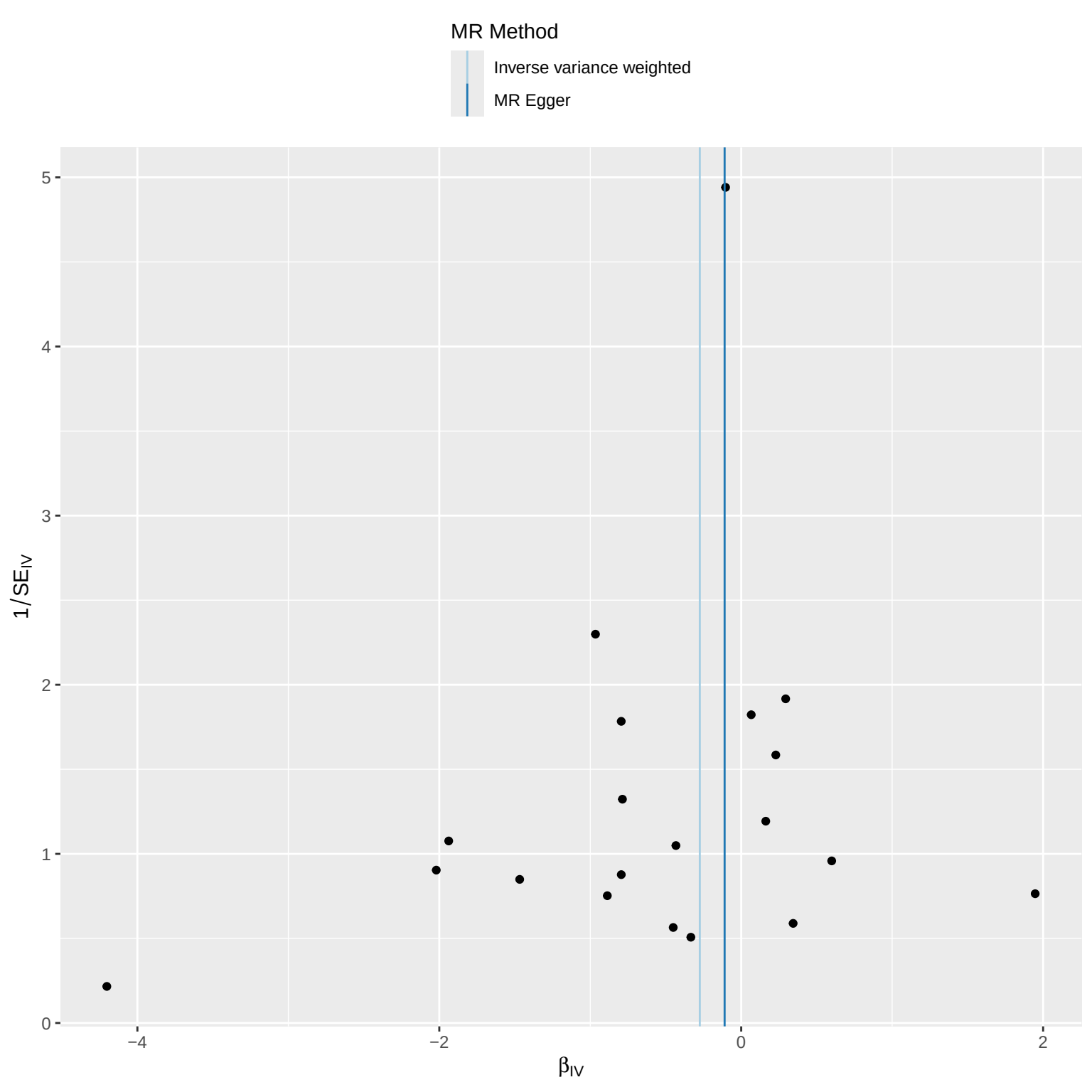

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

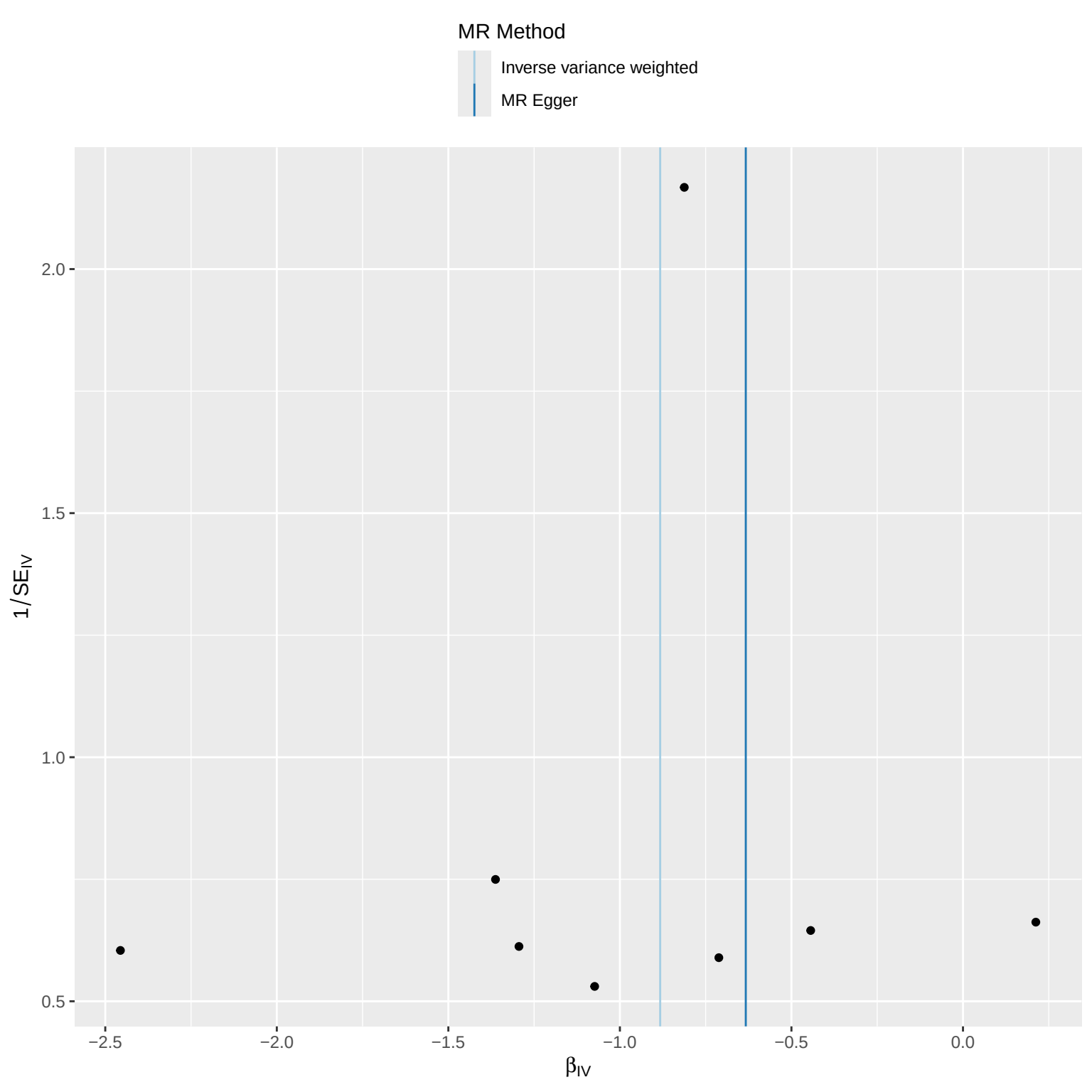

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

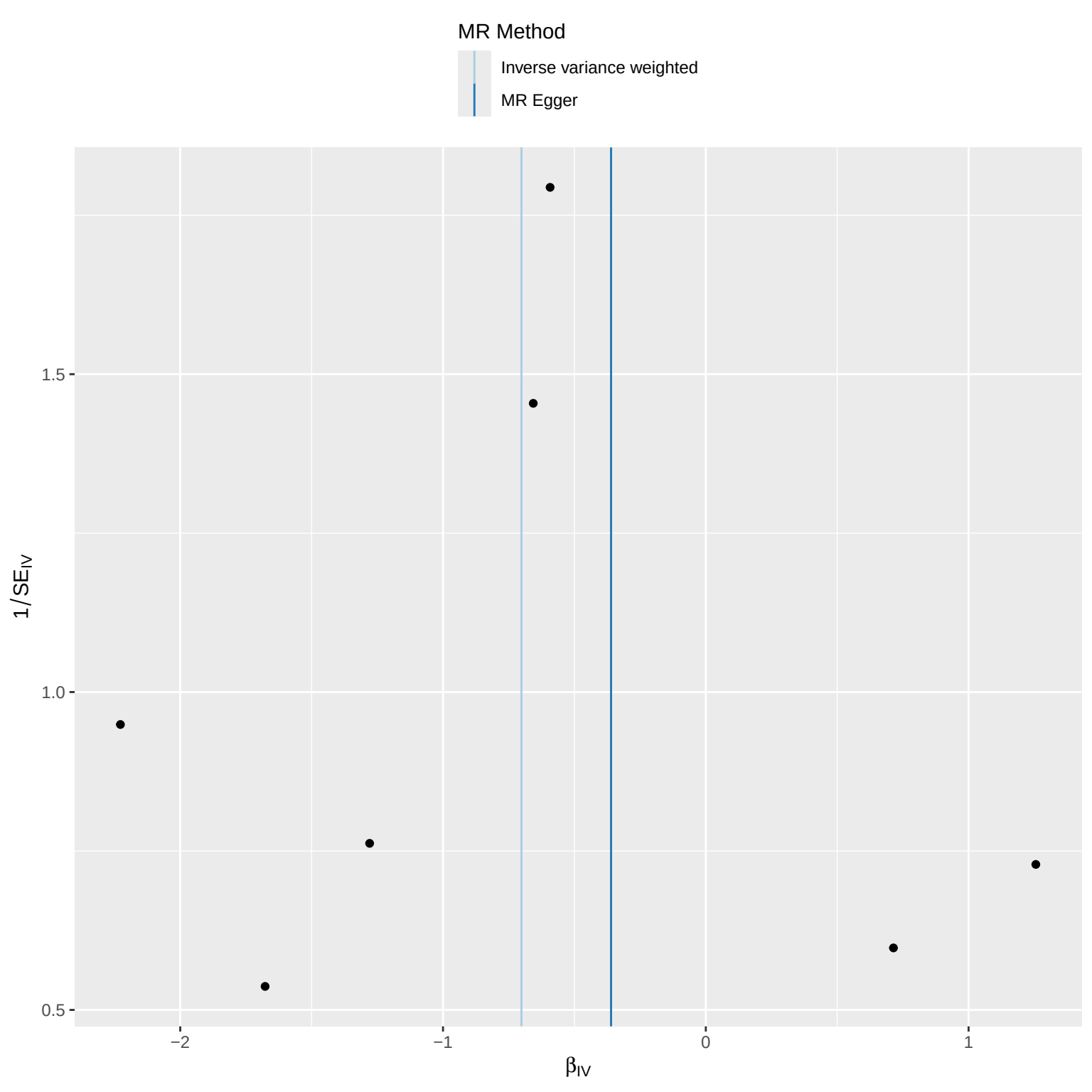

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

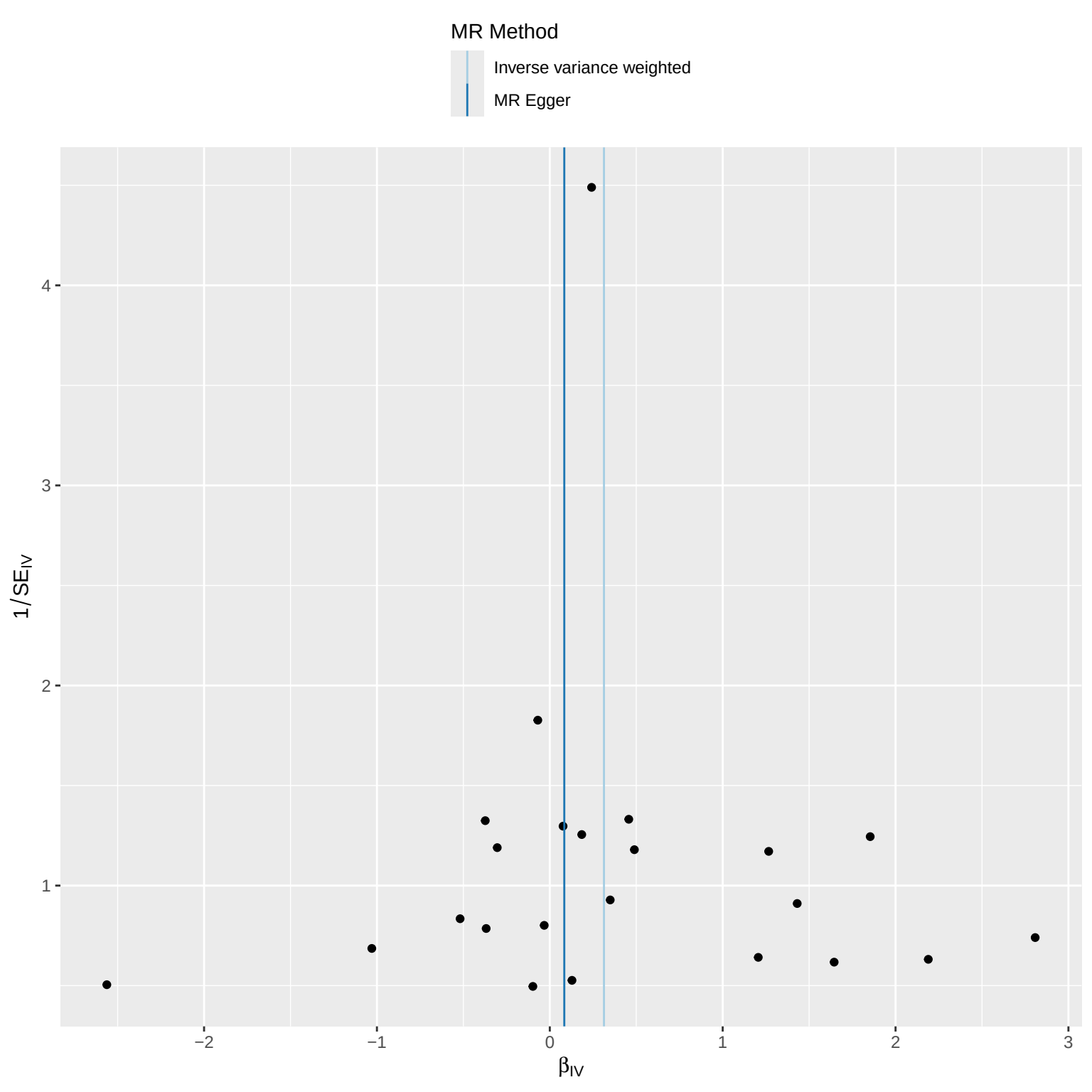

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

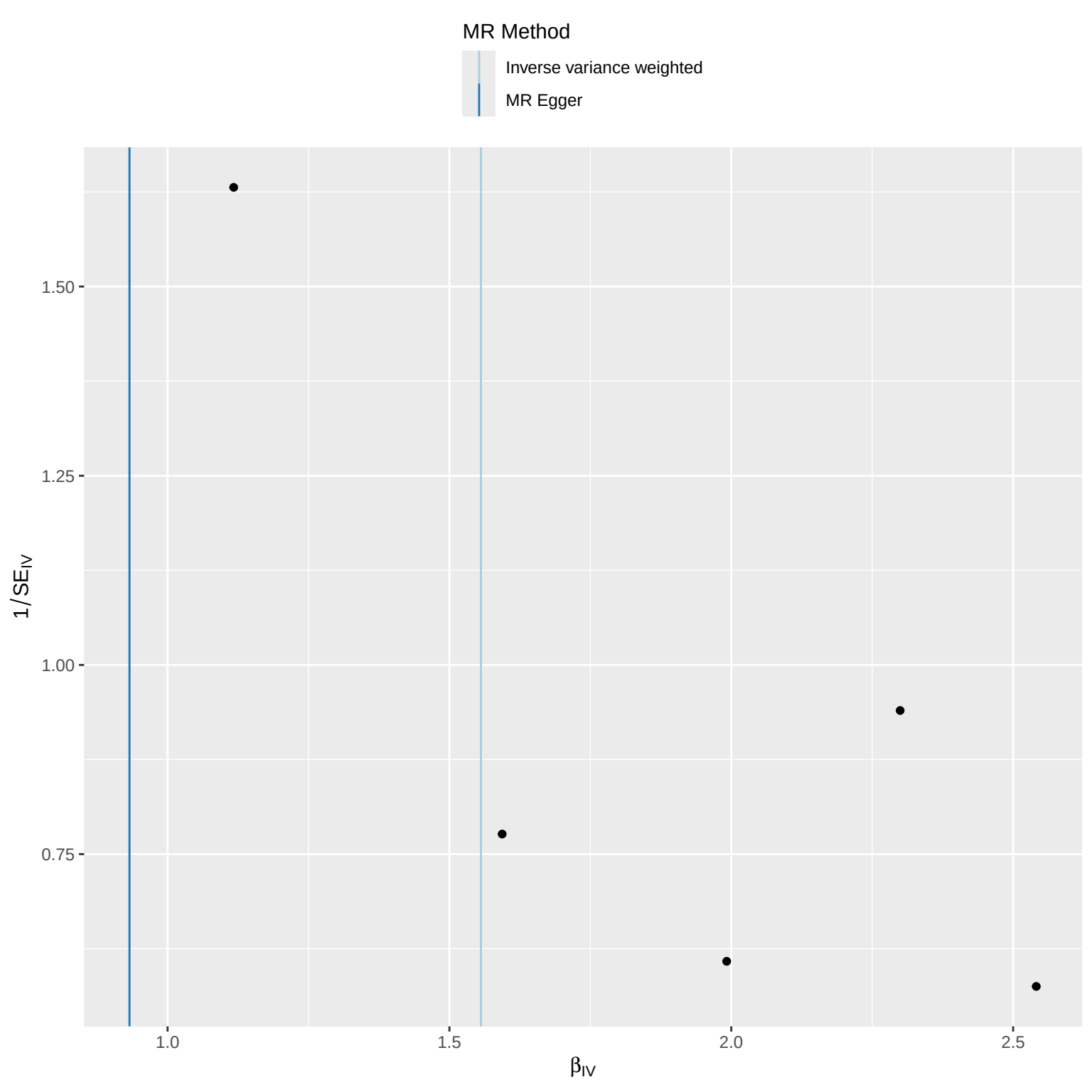

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

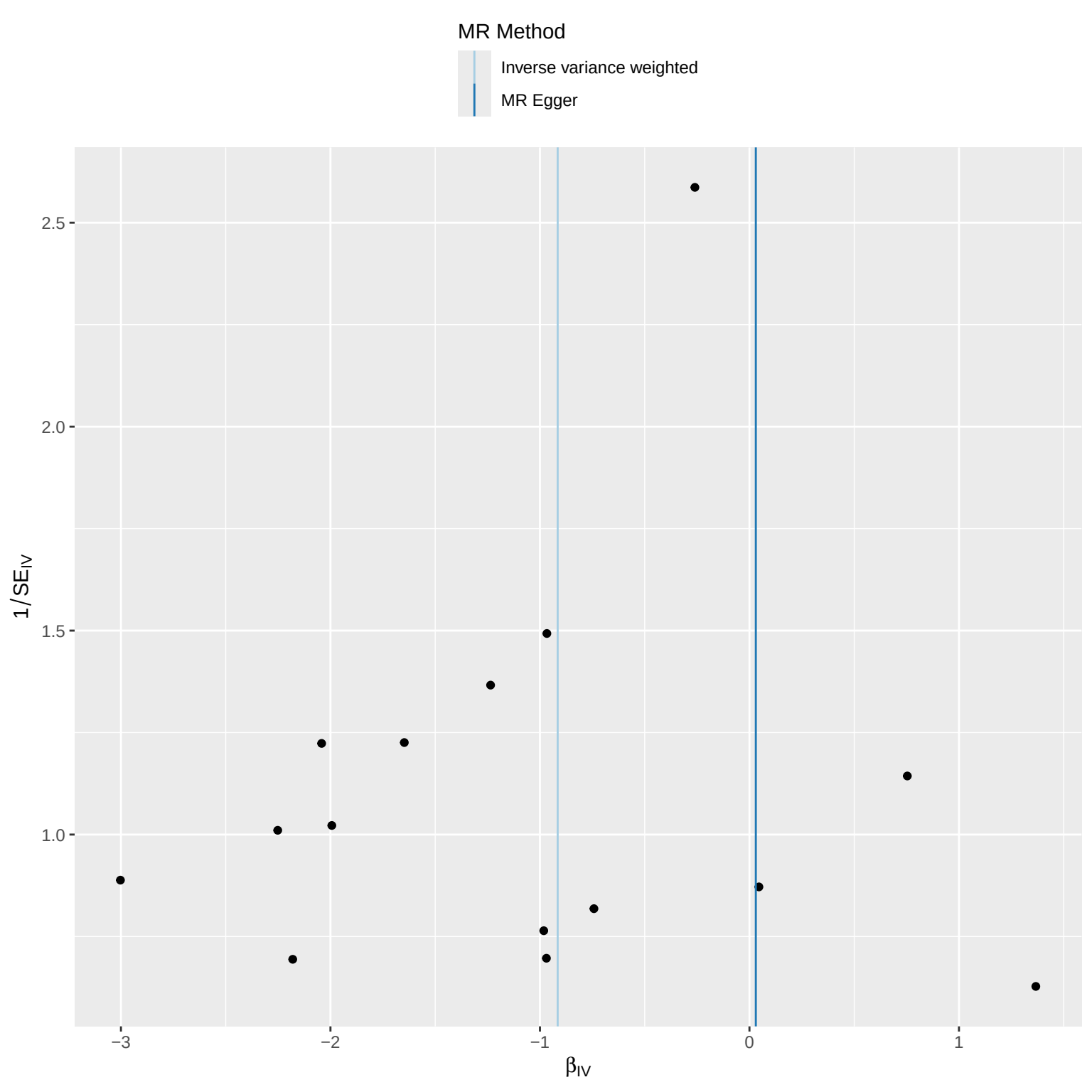

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1/SE_IV
−4
−2
0
2
β_IV

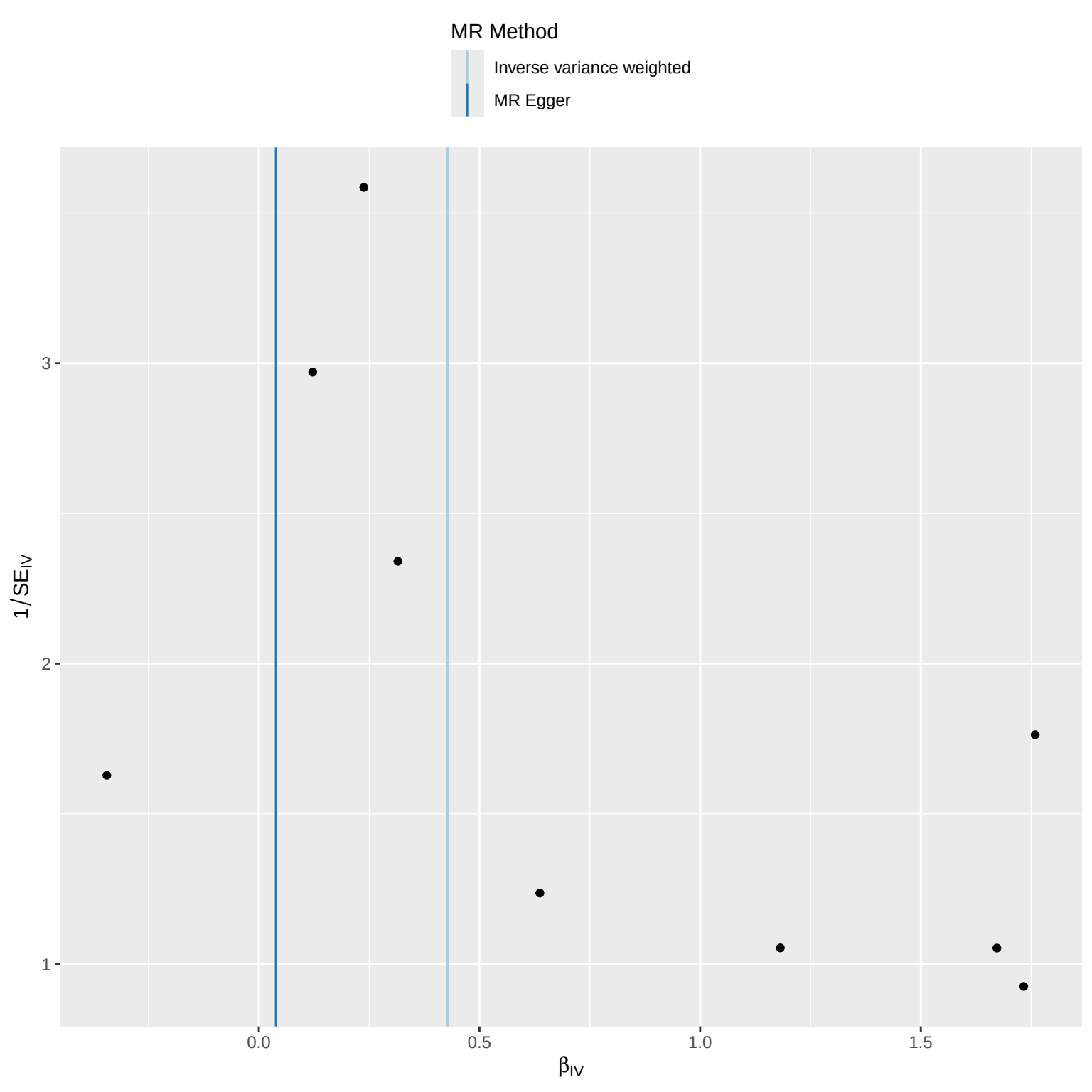

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

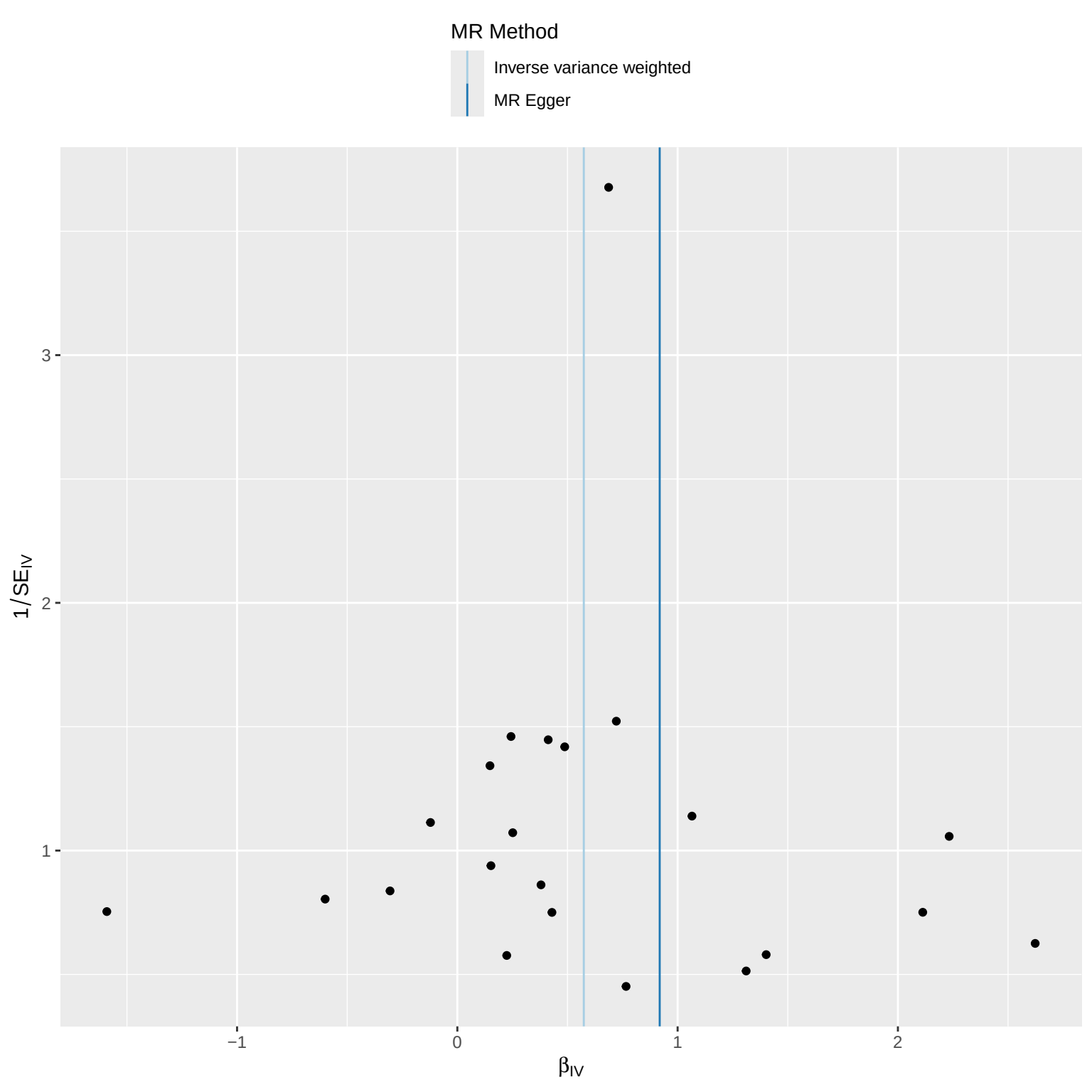

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

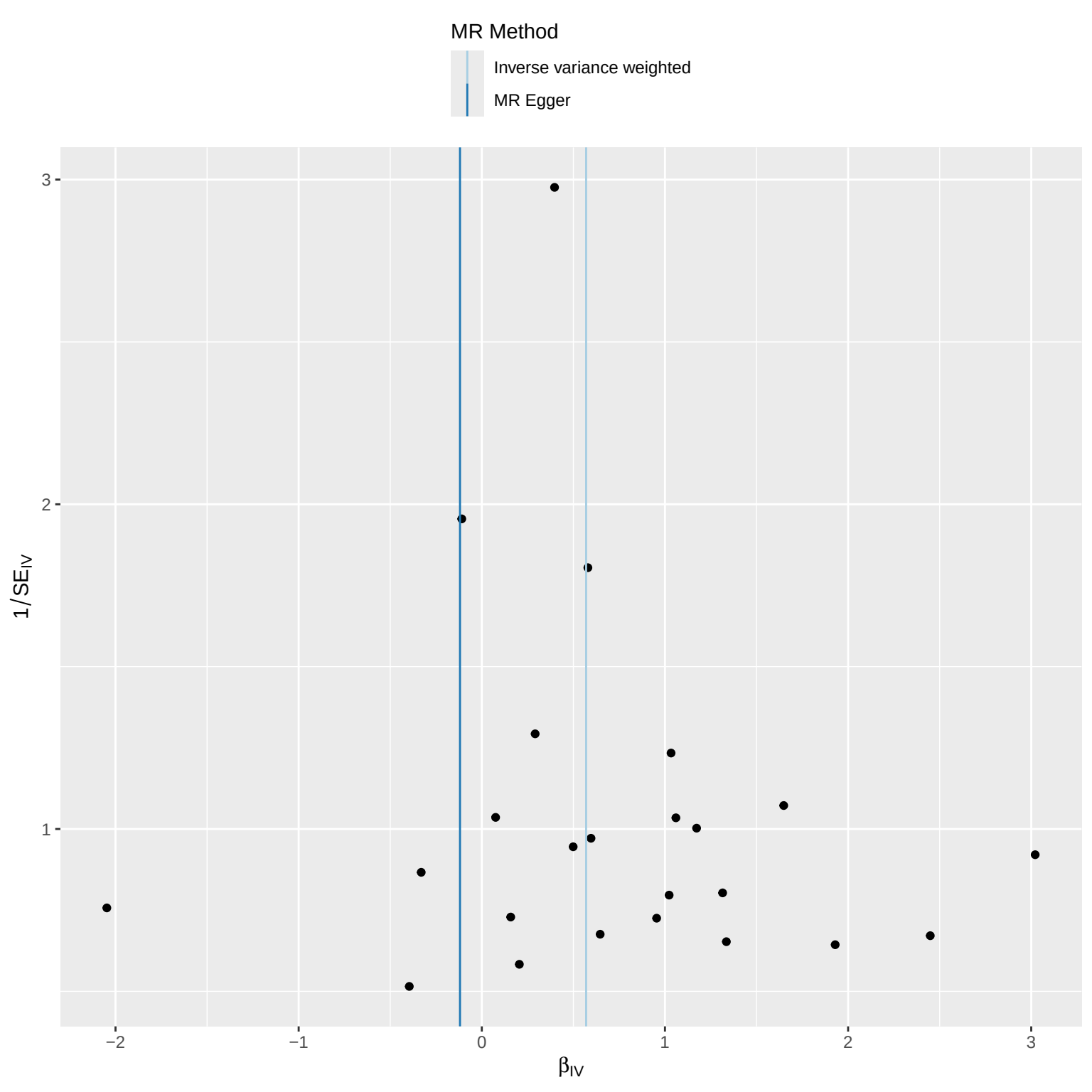

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

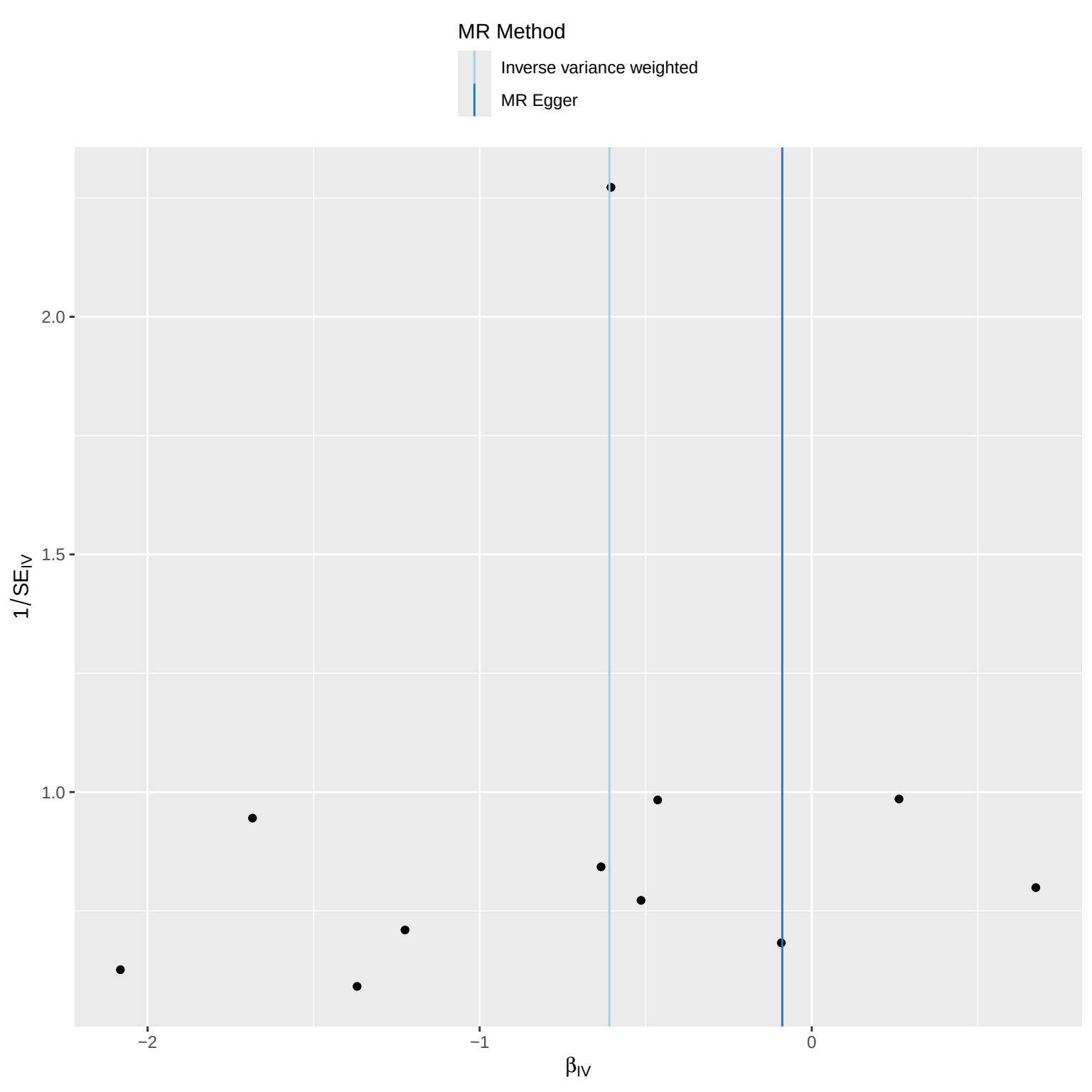

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

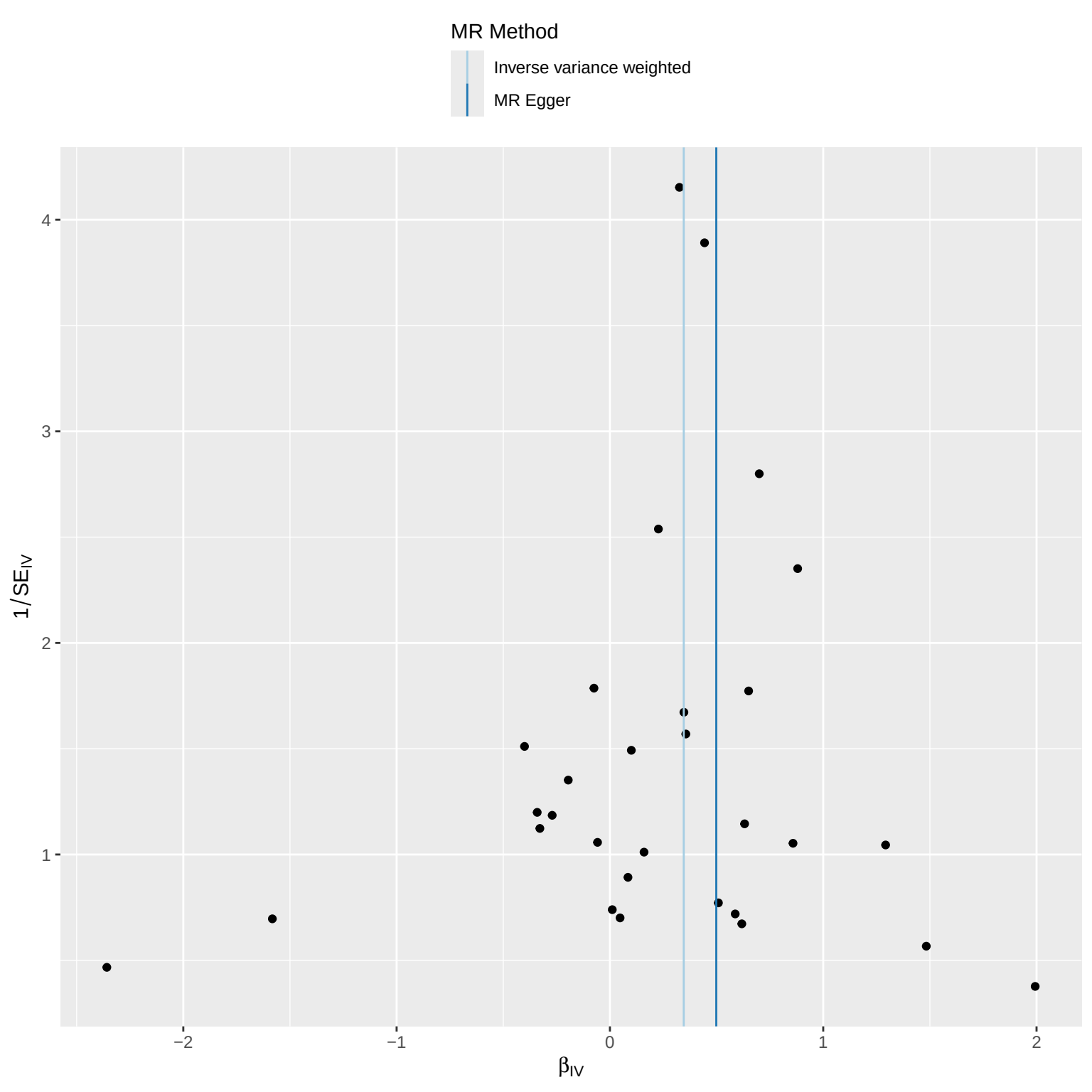

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
β_IV

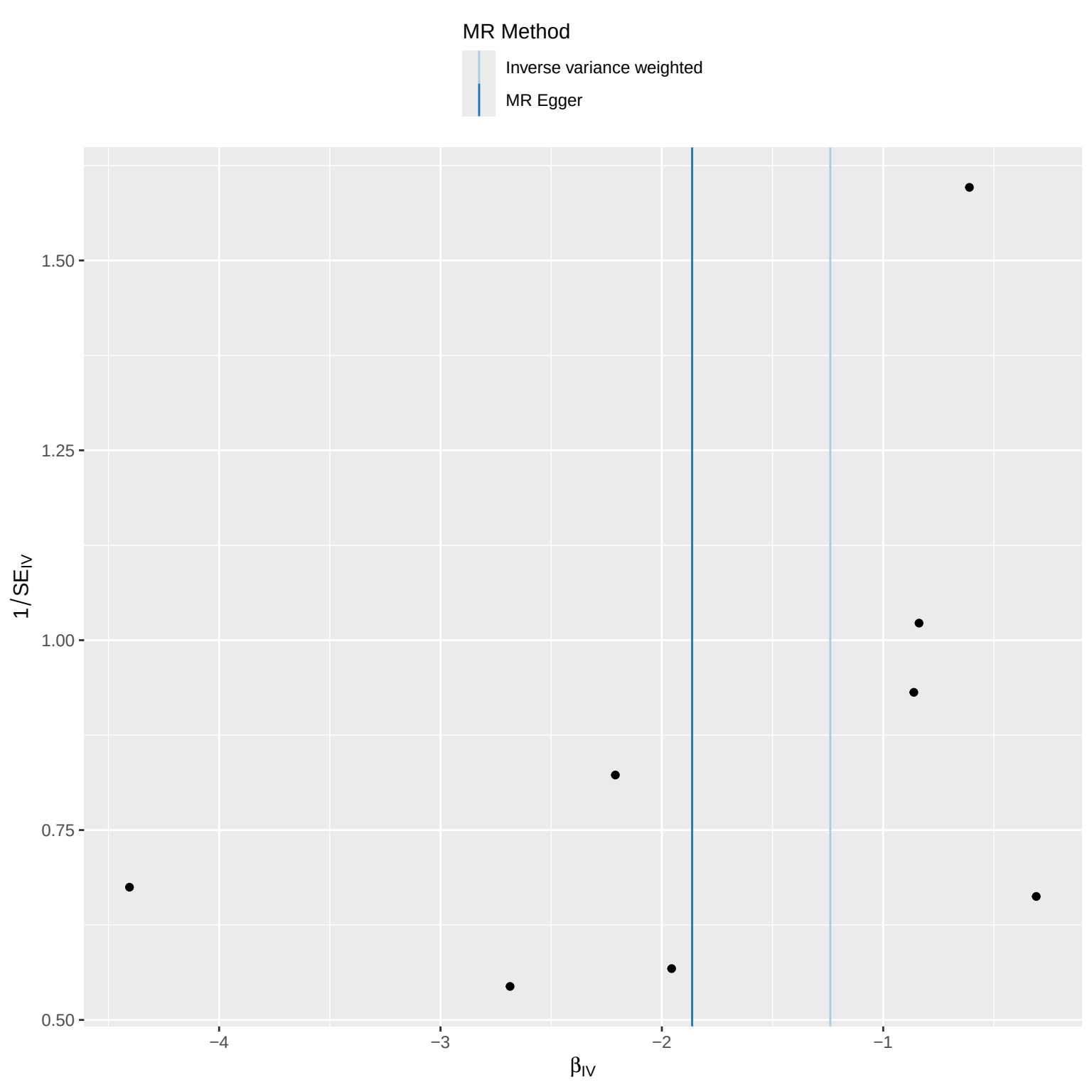

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

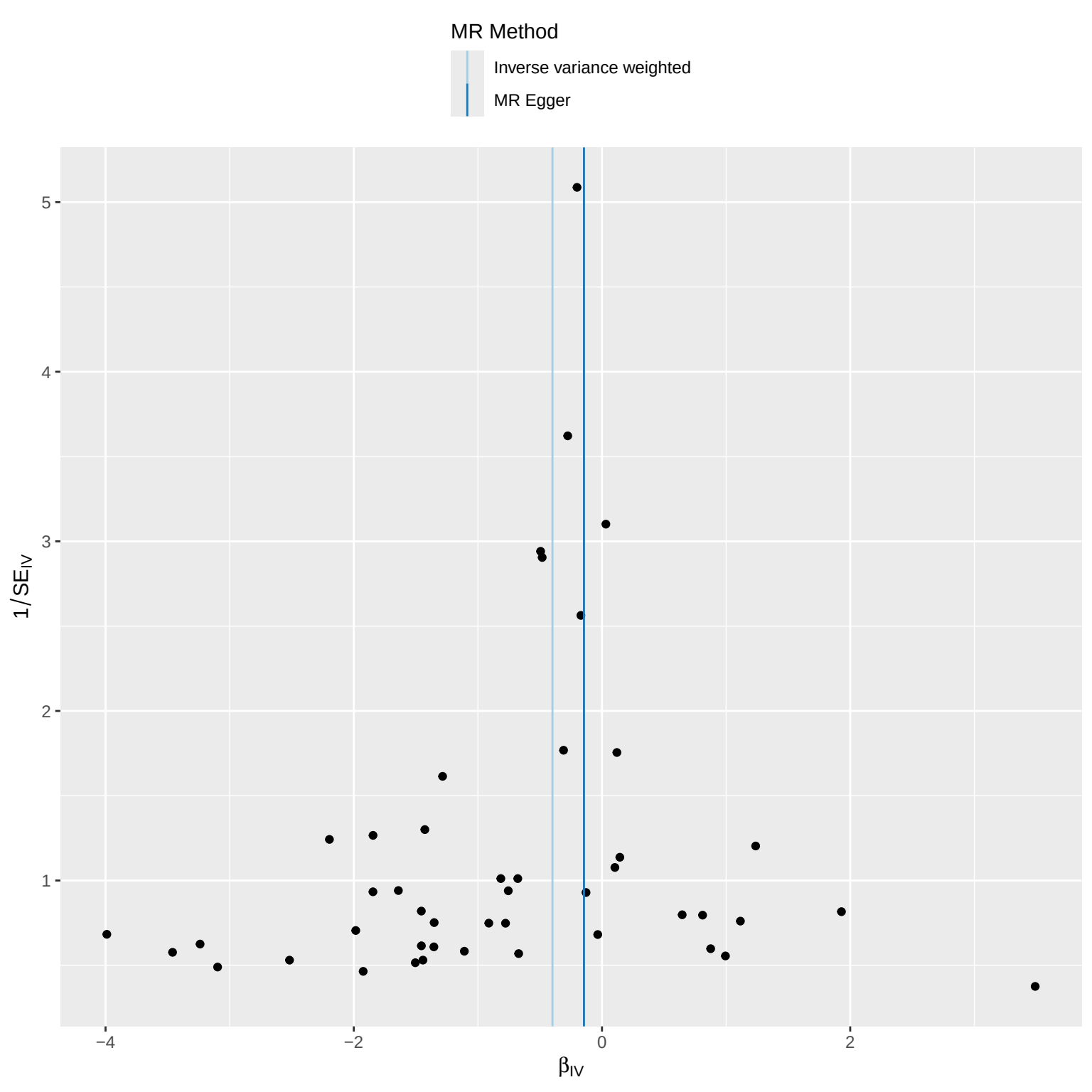

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

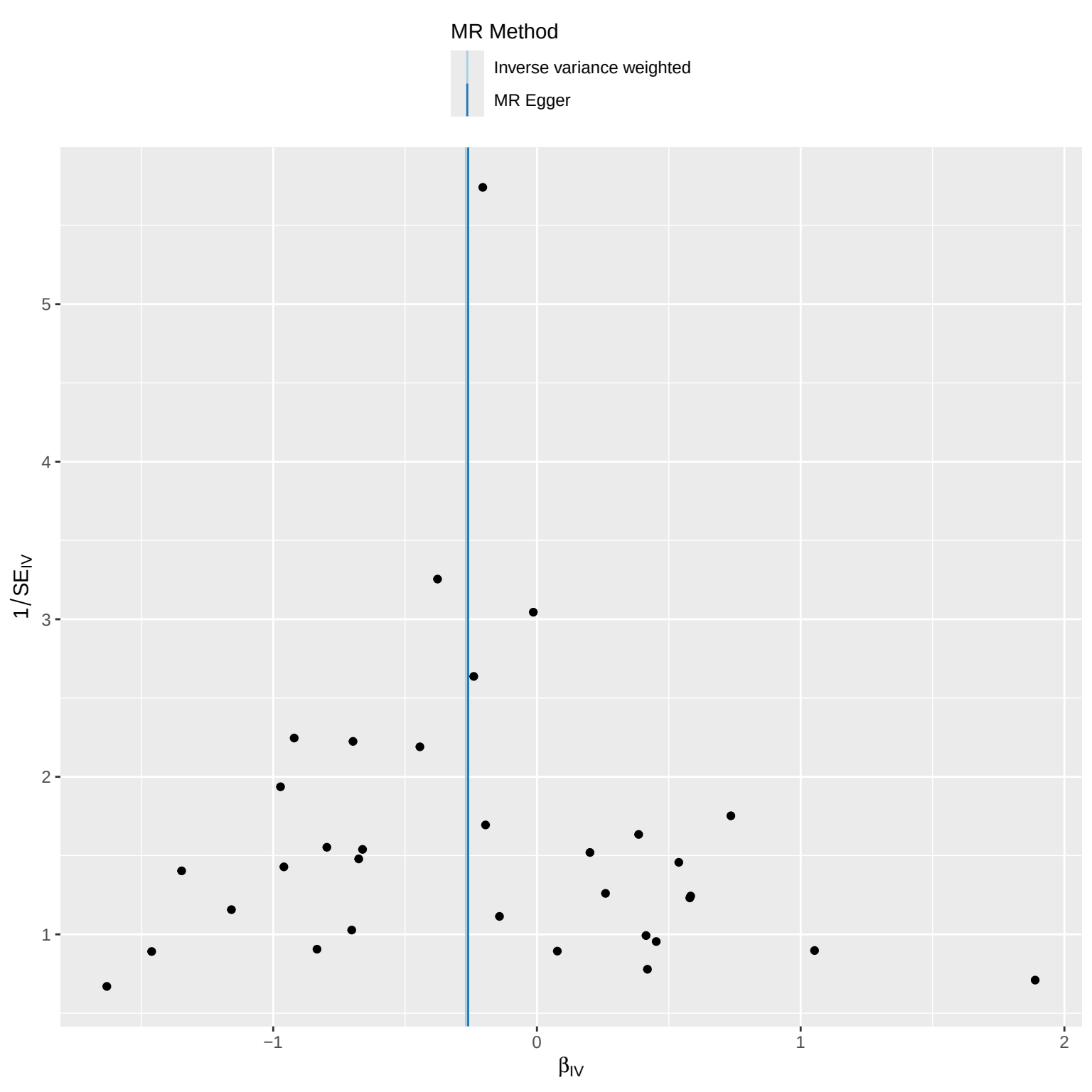

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
3
β_{IV}

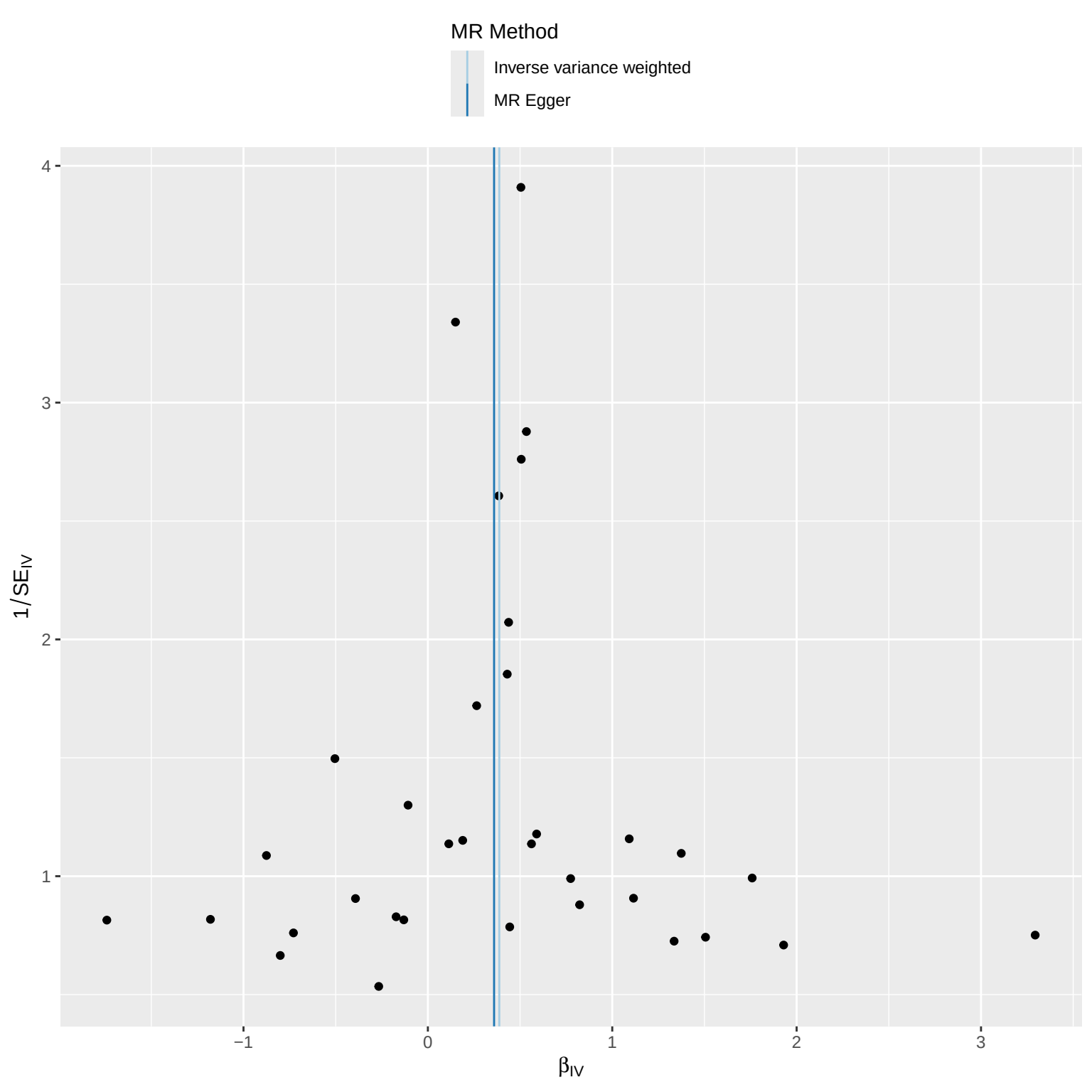

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

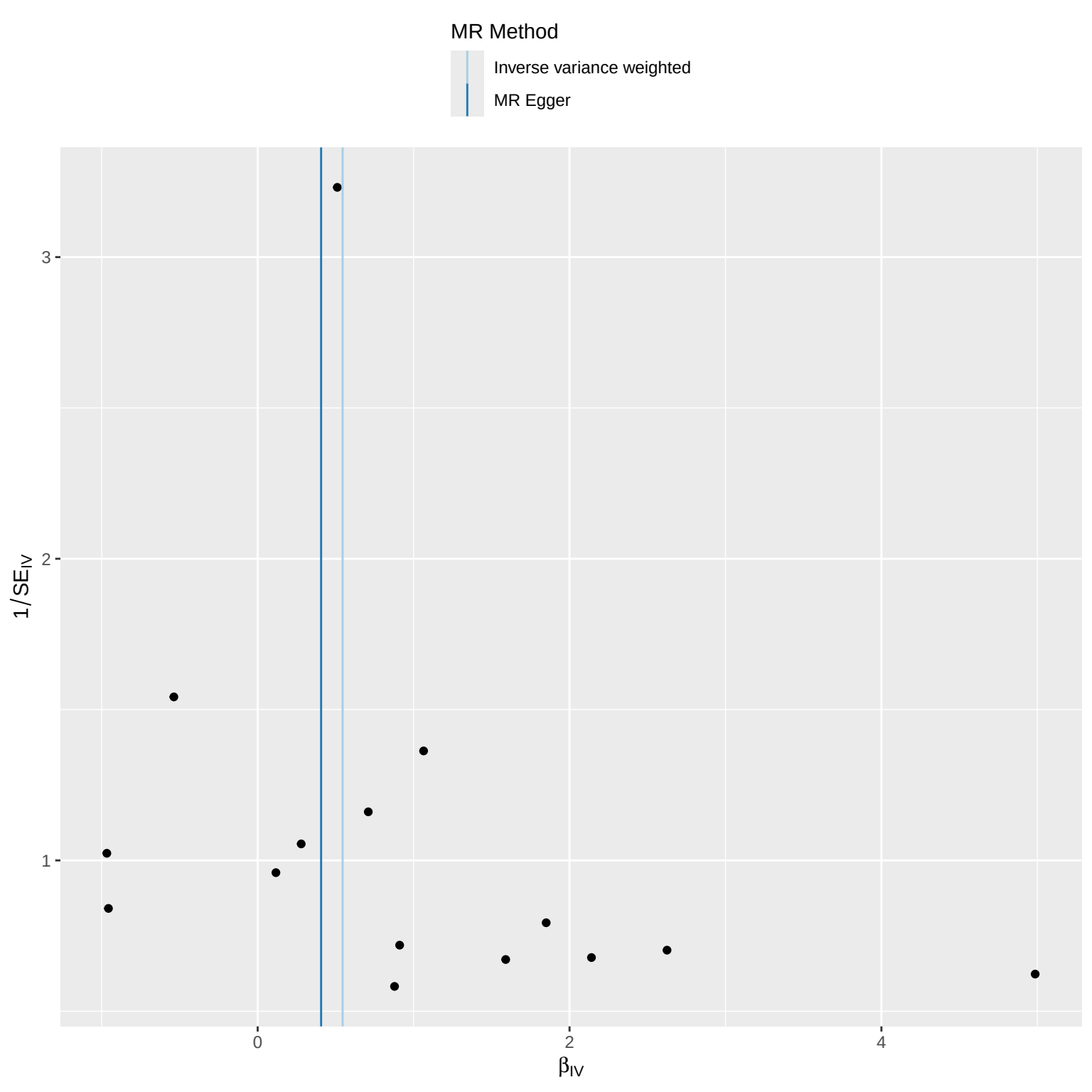

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

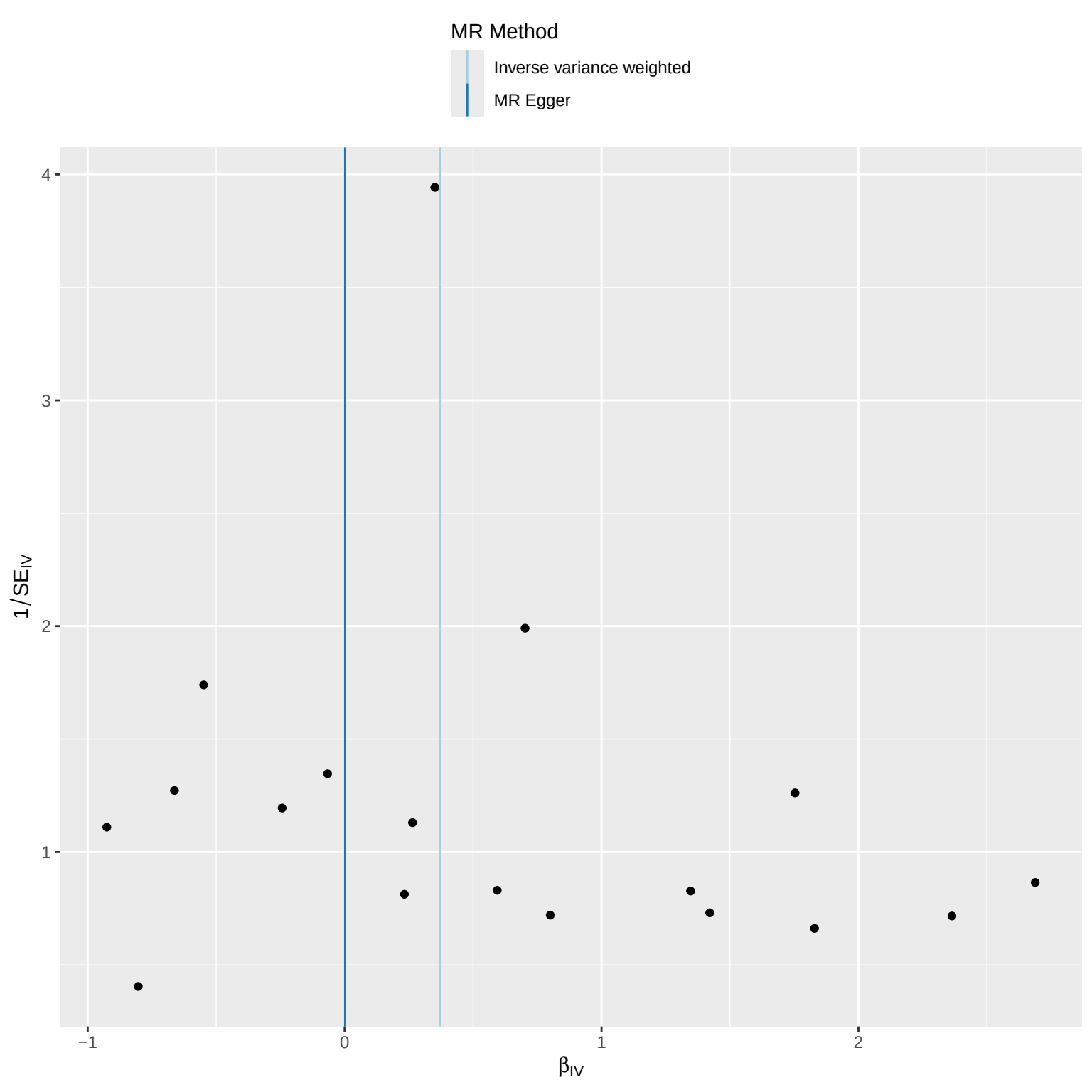

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−4
−3
−2
−1
β_IV

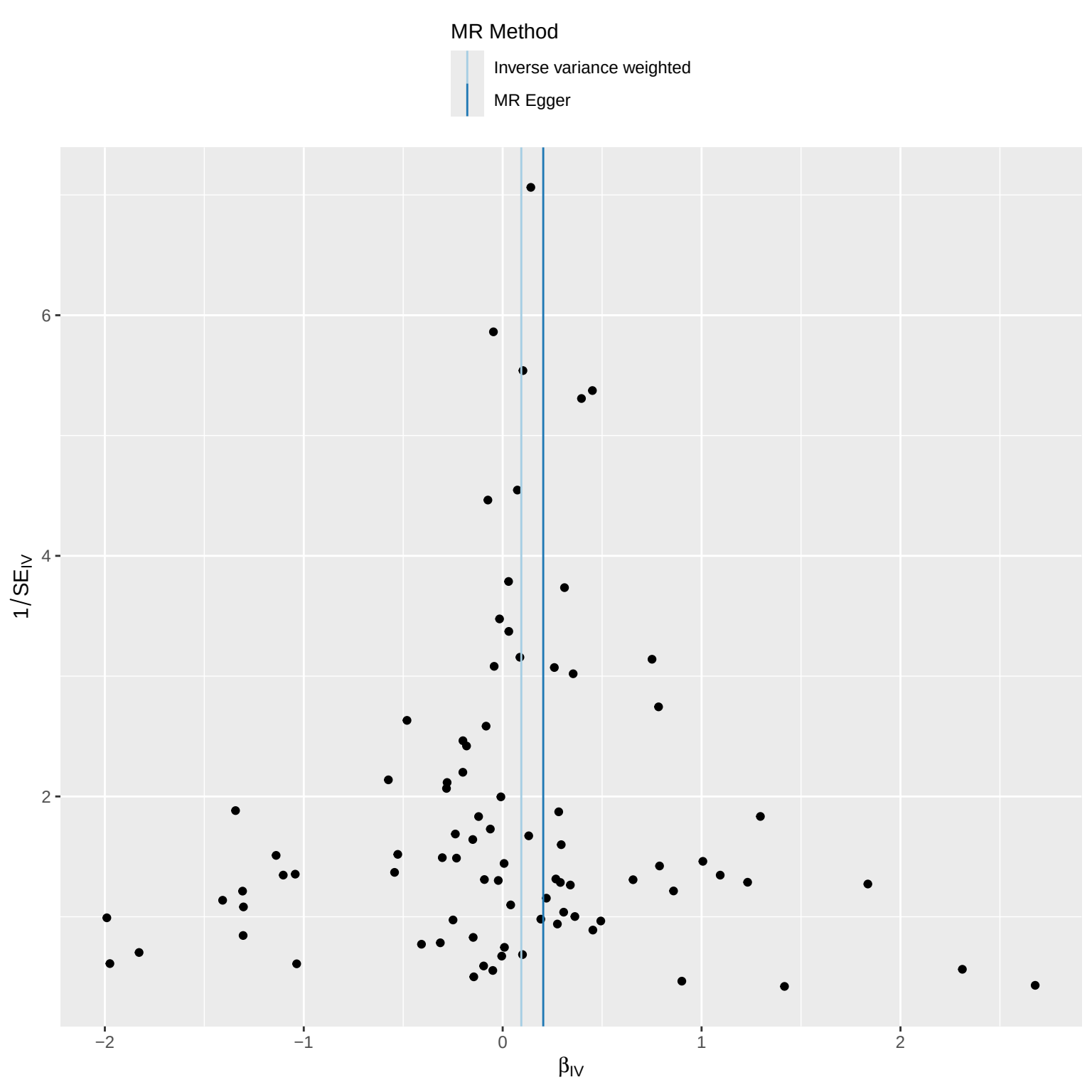

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

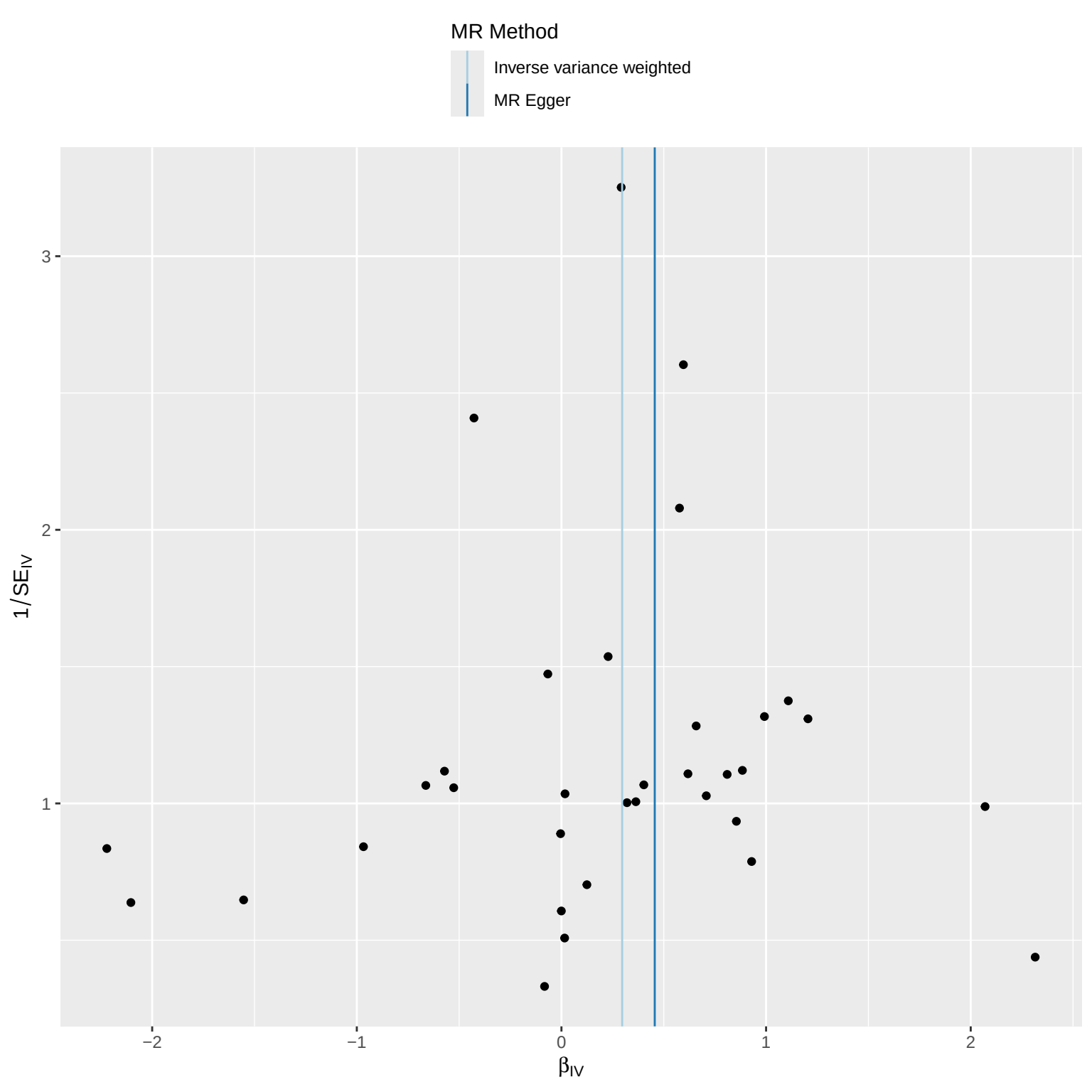

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1
0
1
2

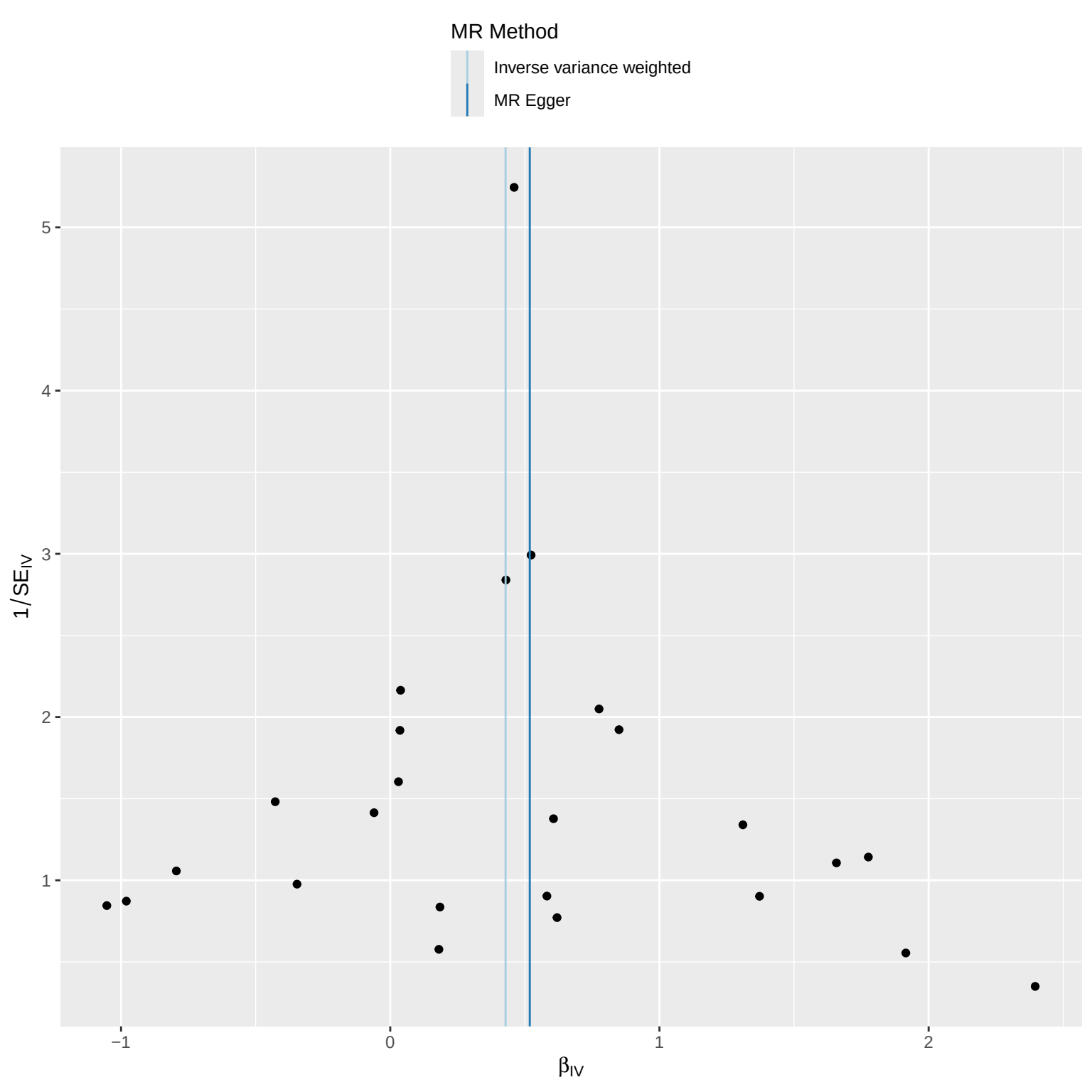

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

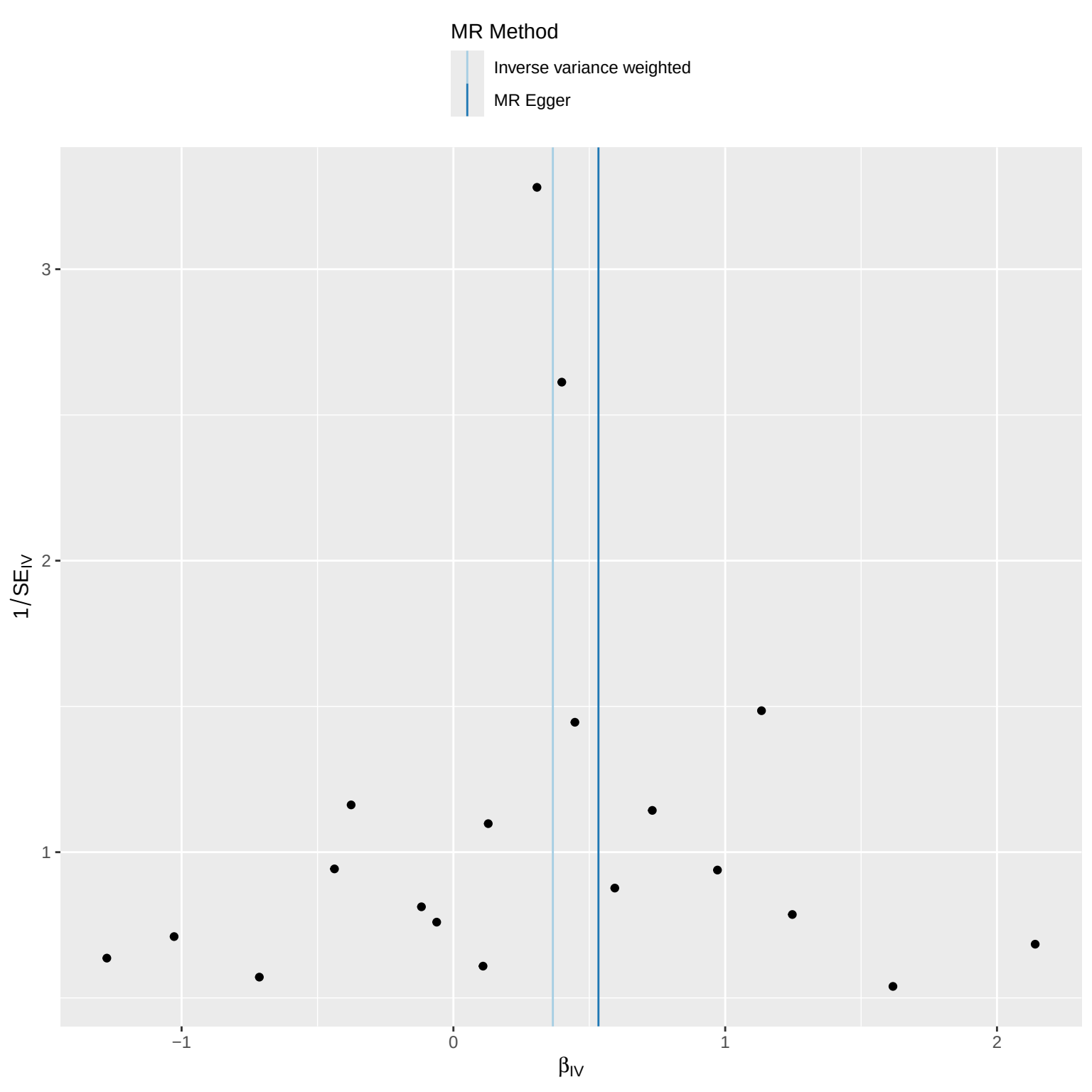

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
0
2
4
β_{IV}

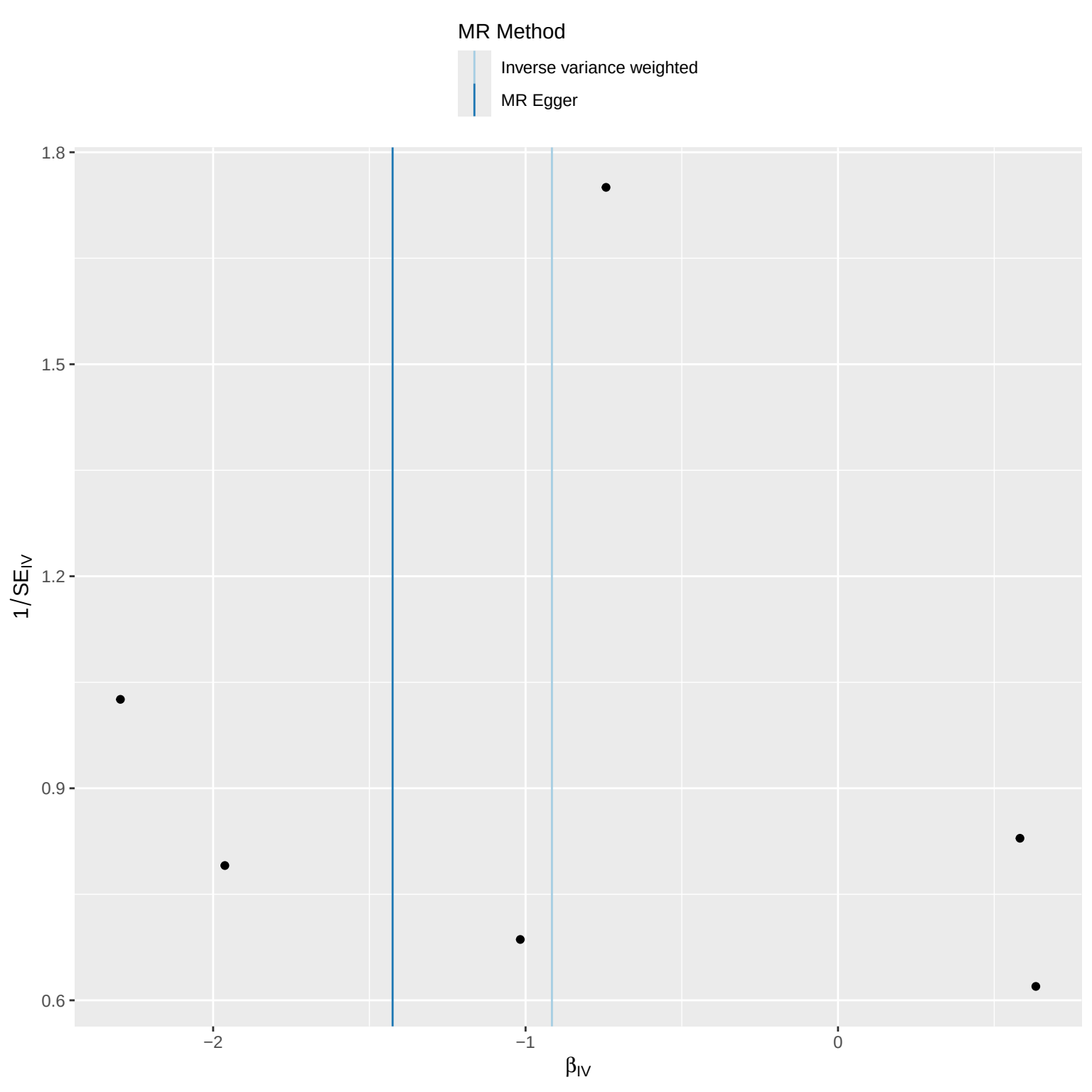

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

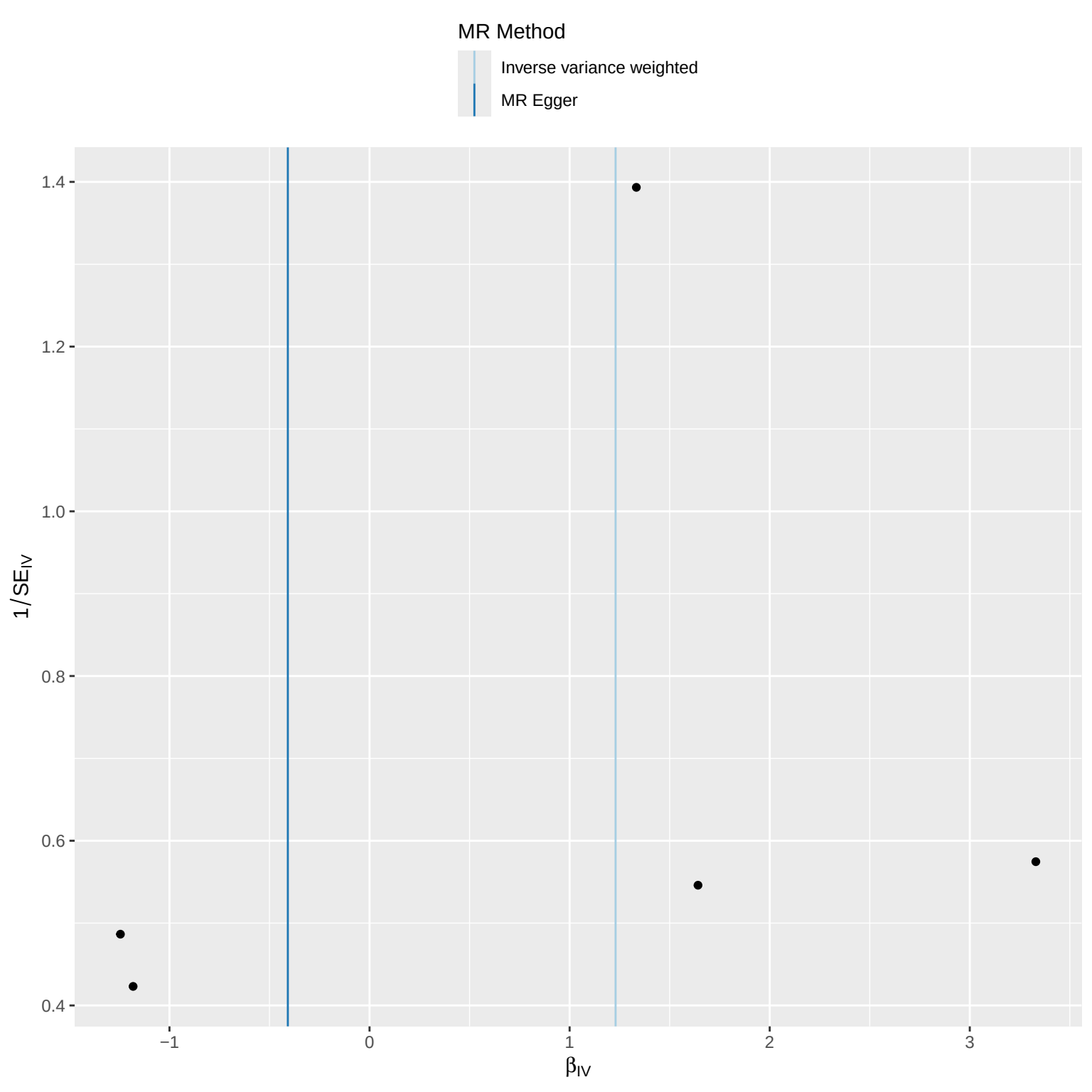

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

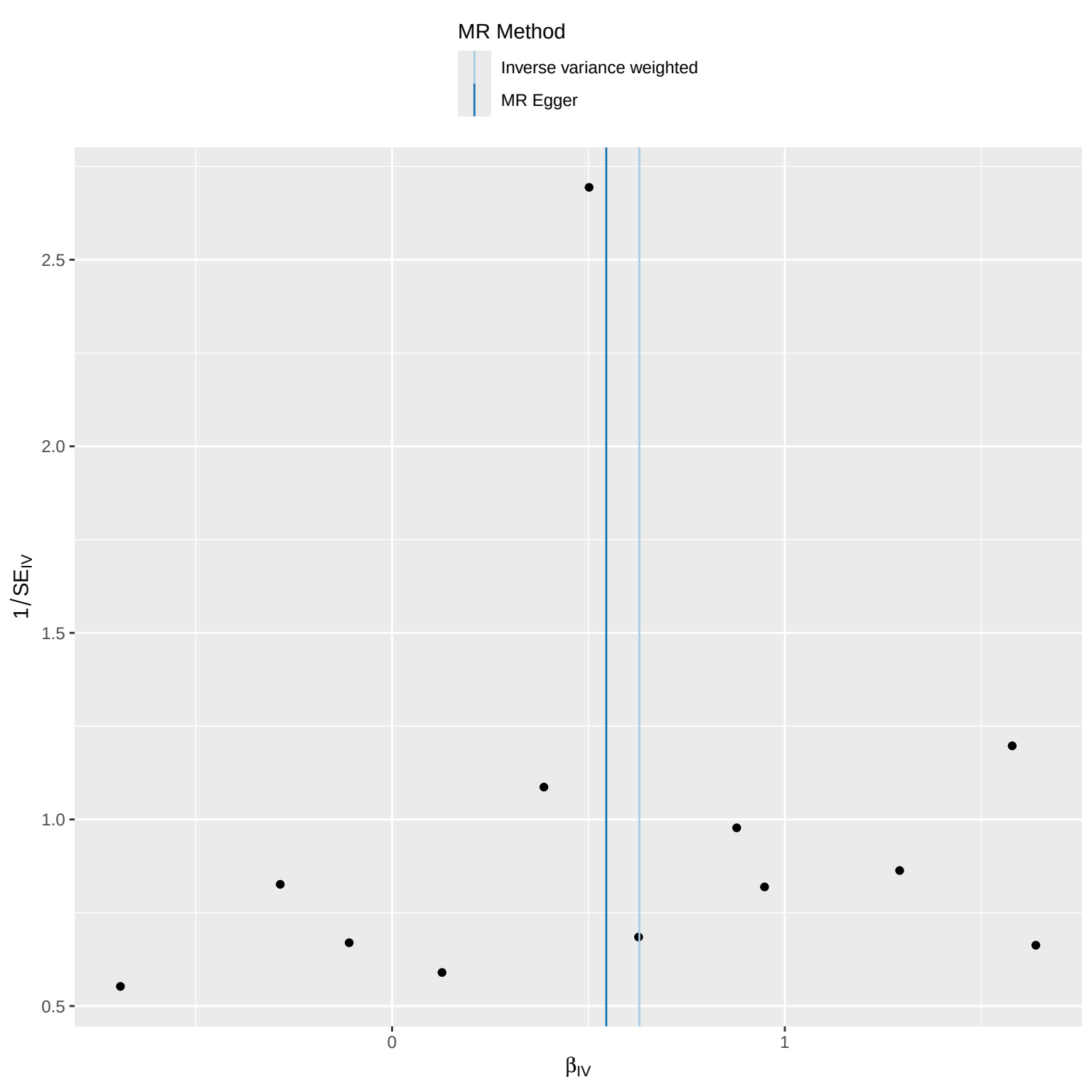

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

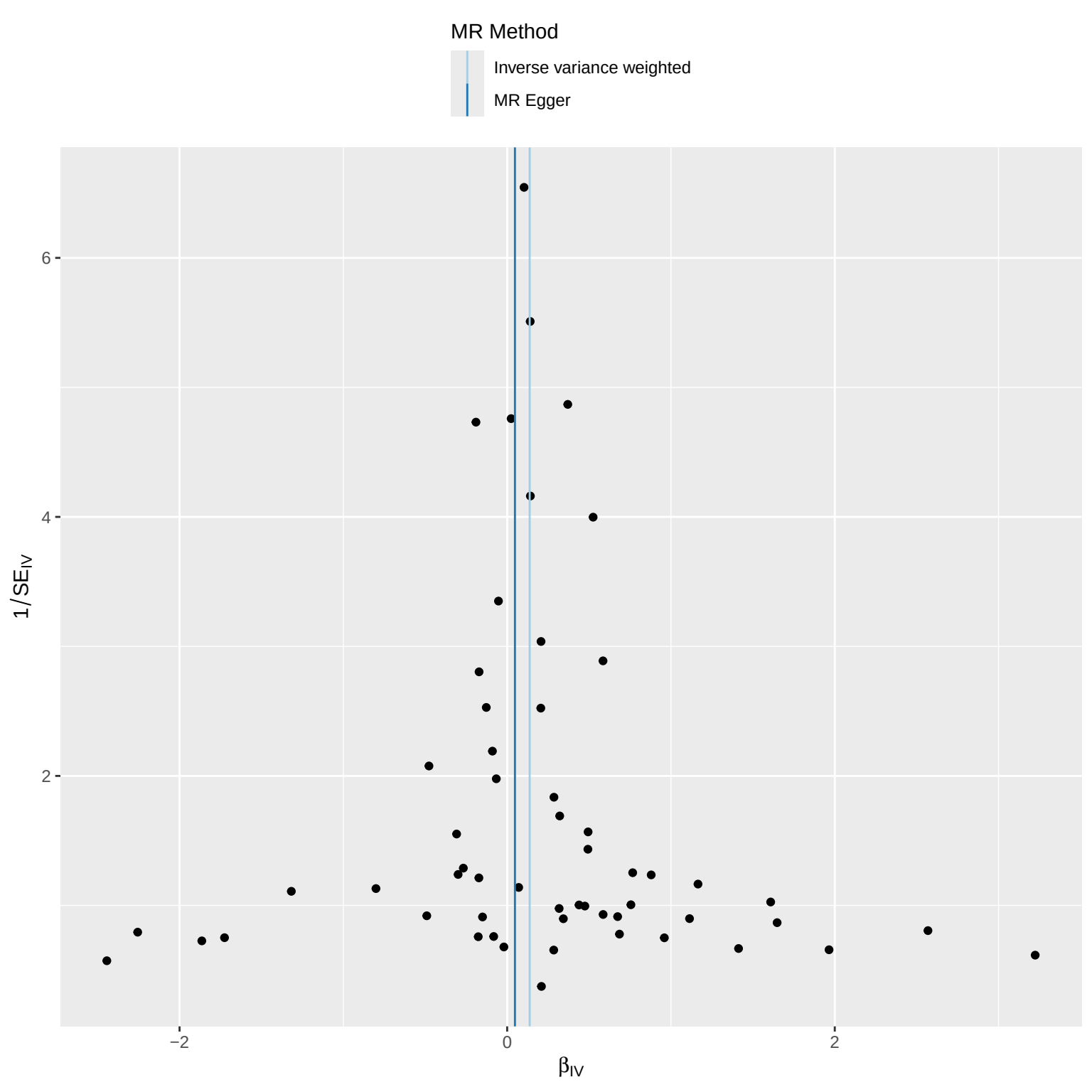

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

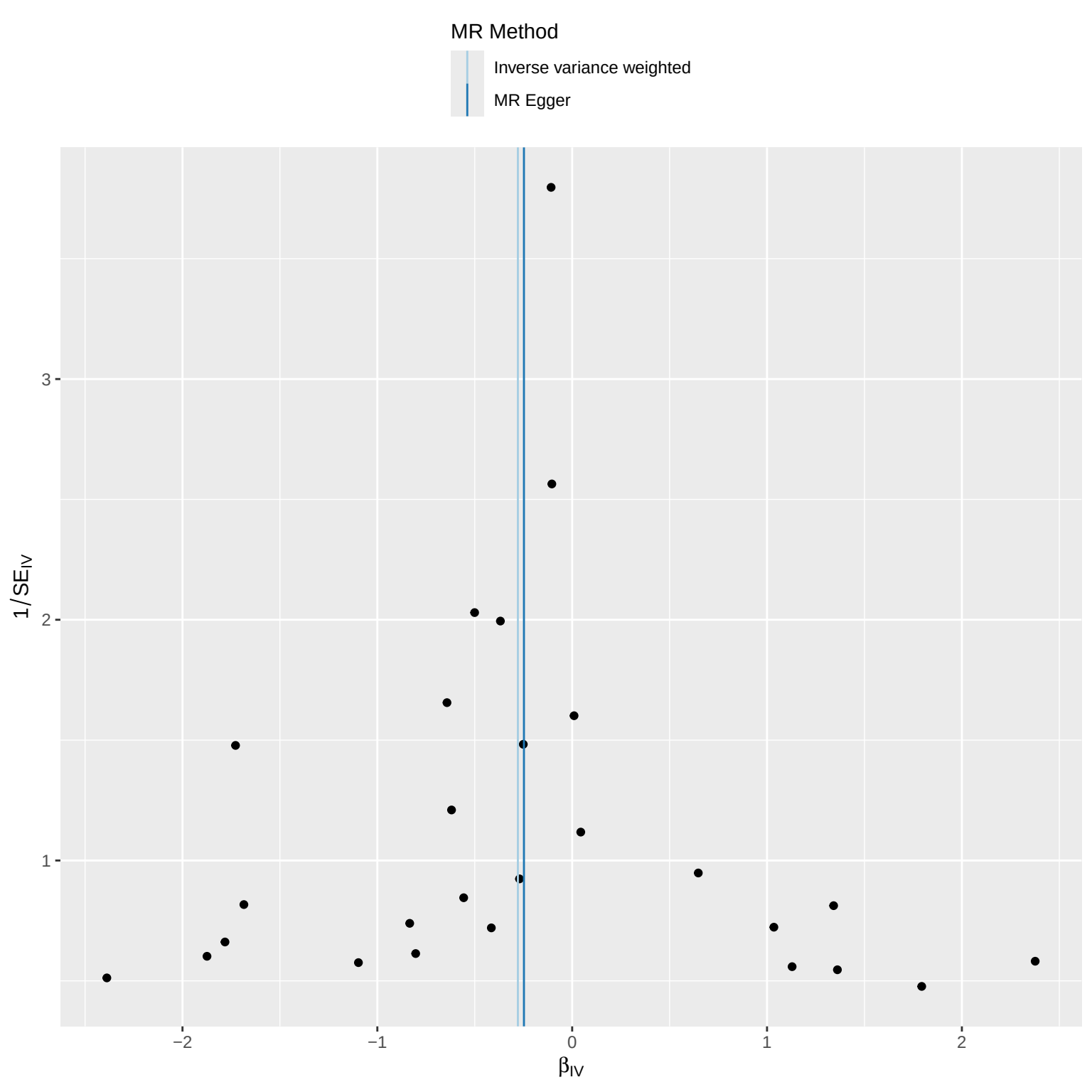

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

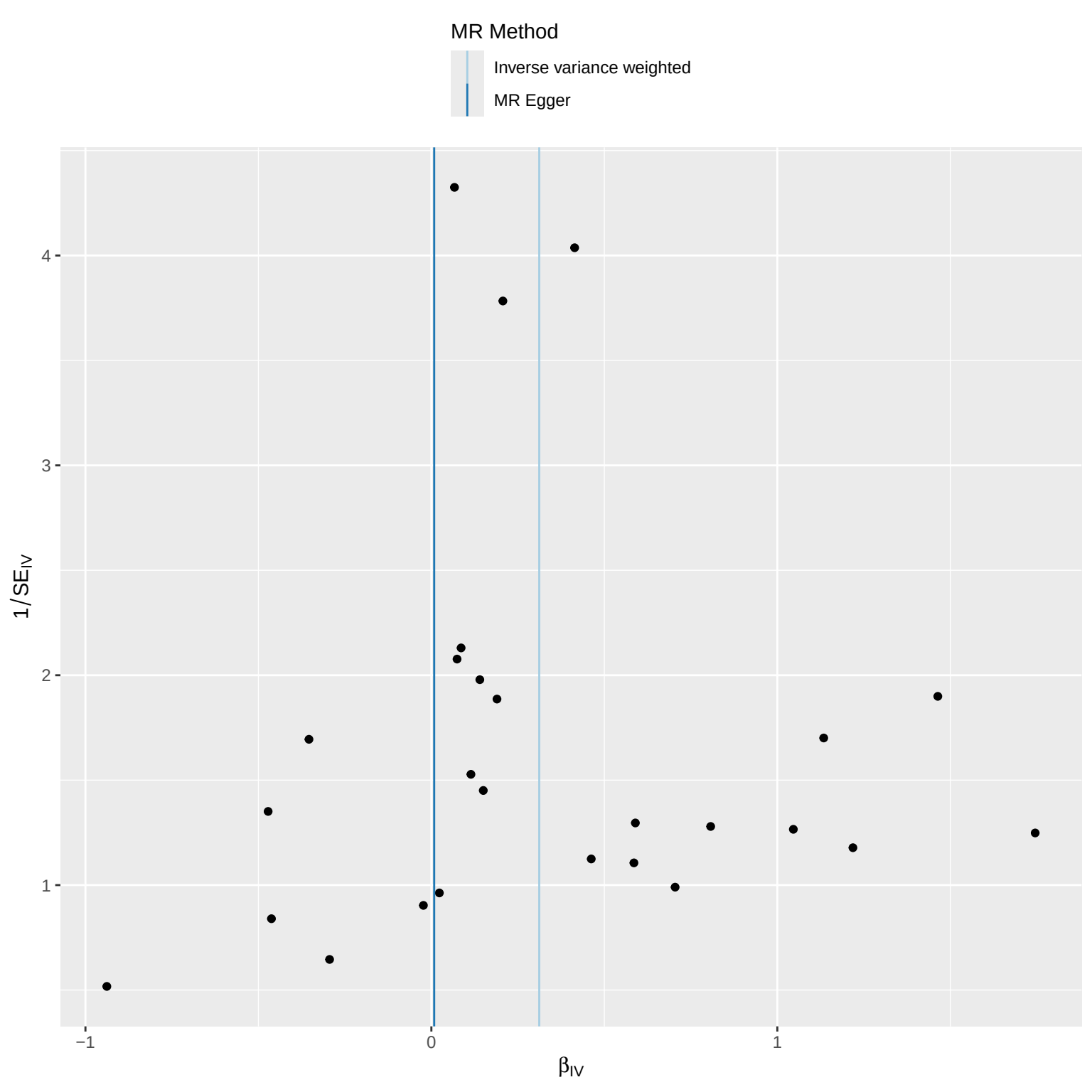

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
β_IV

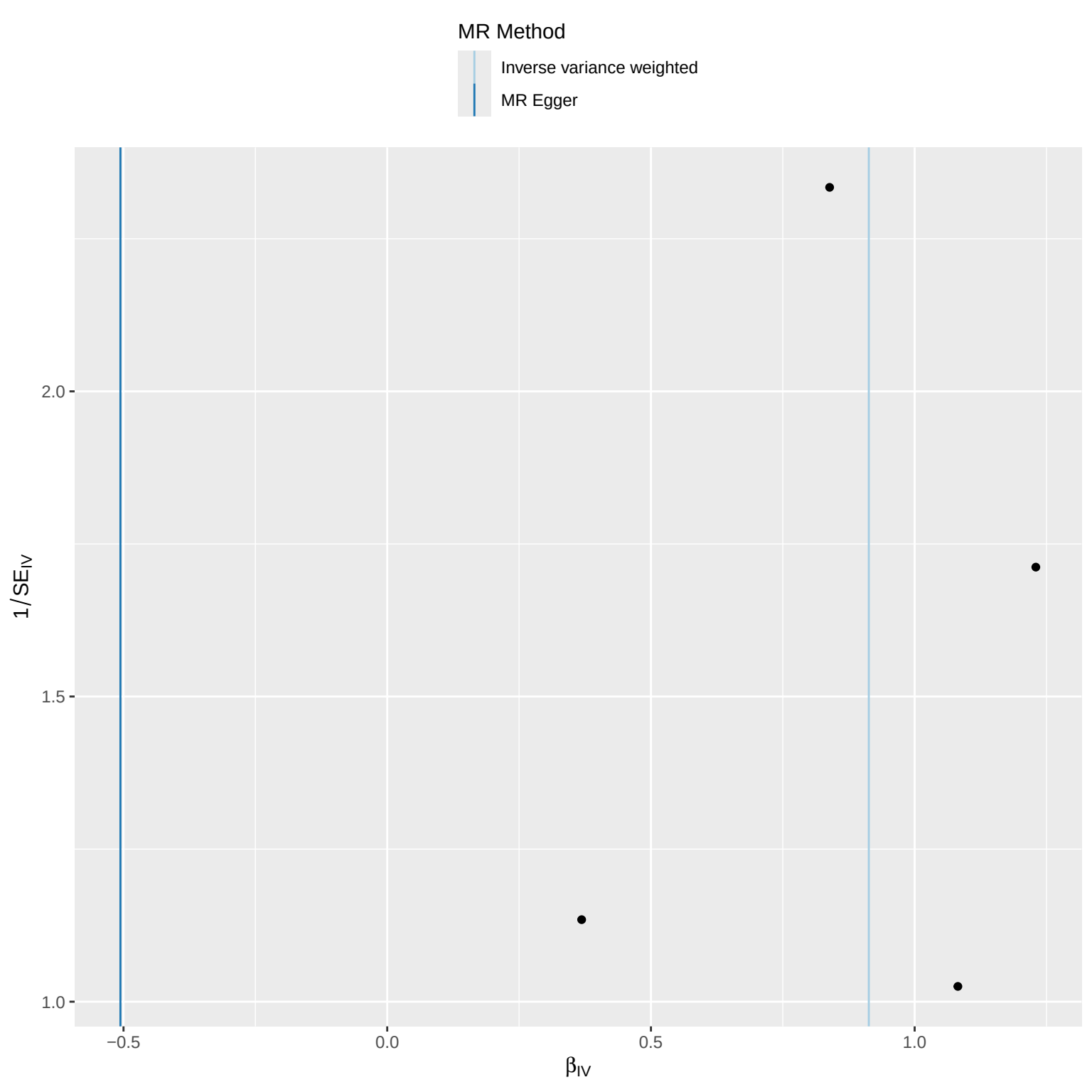

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−1
0
1
2
3
β_IV

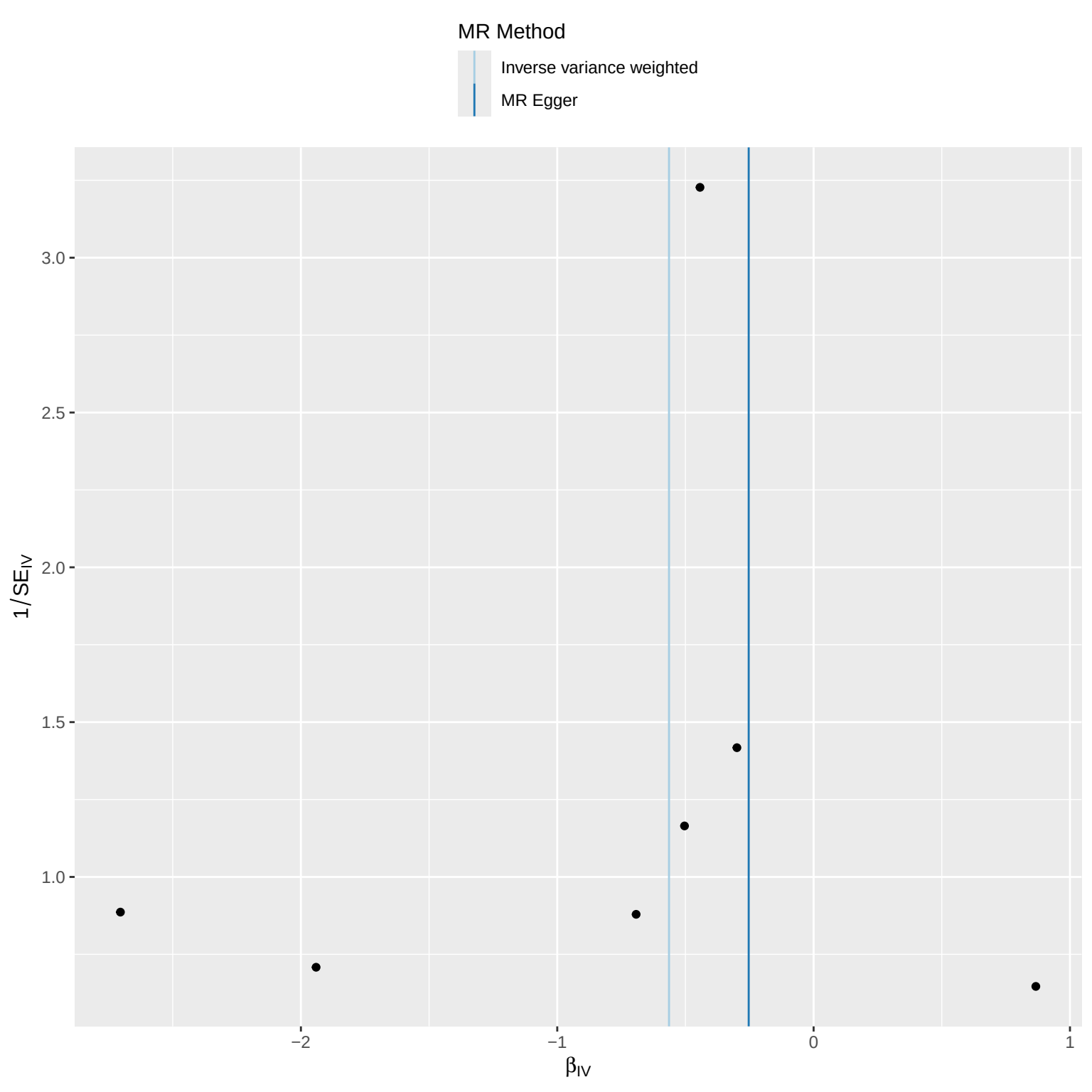

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
β_IV

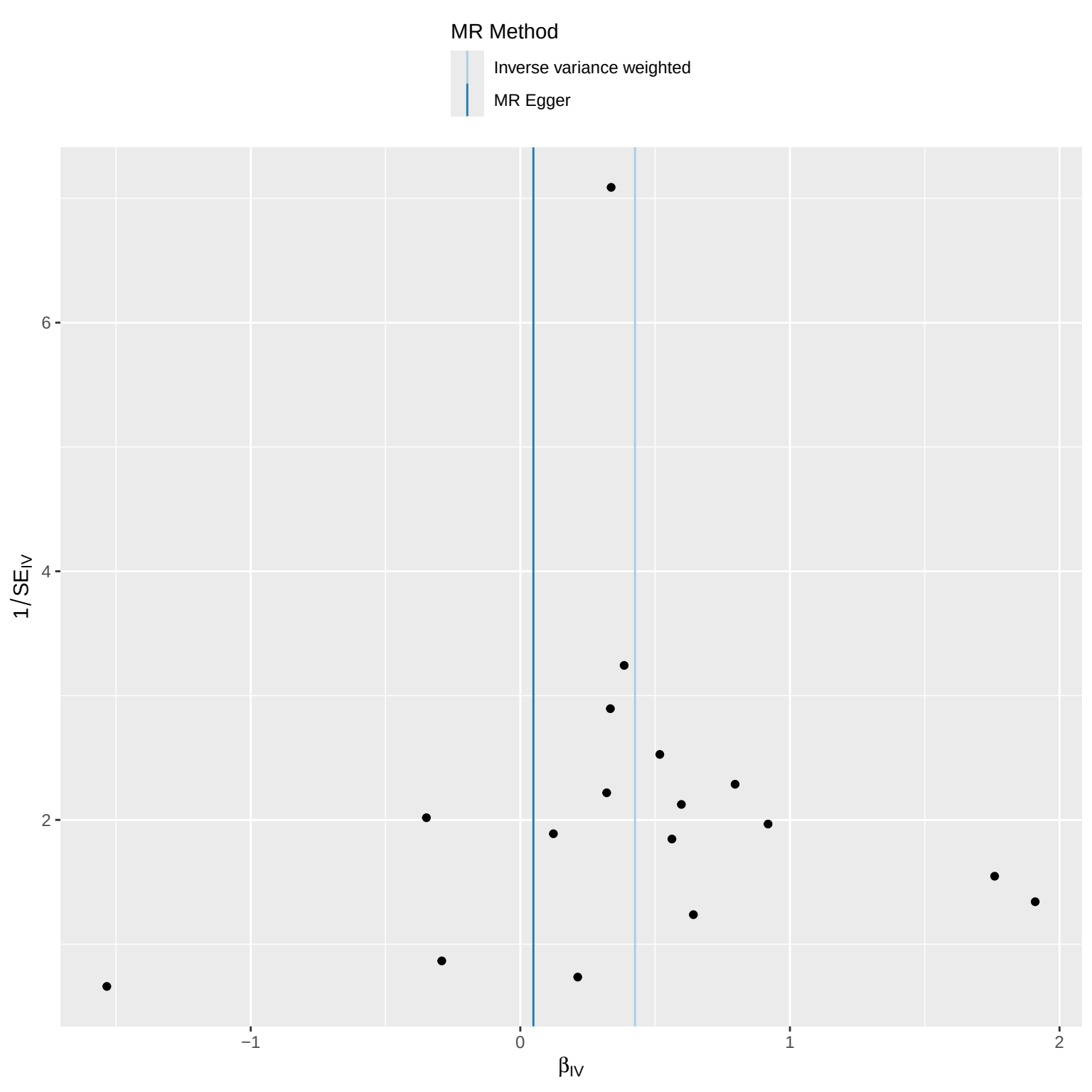

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

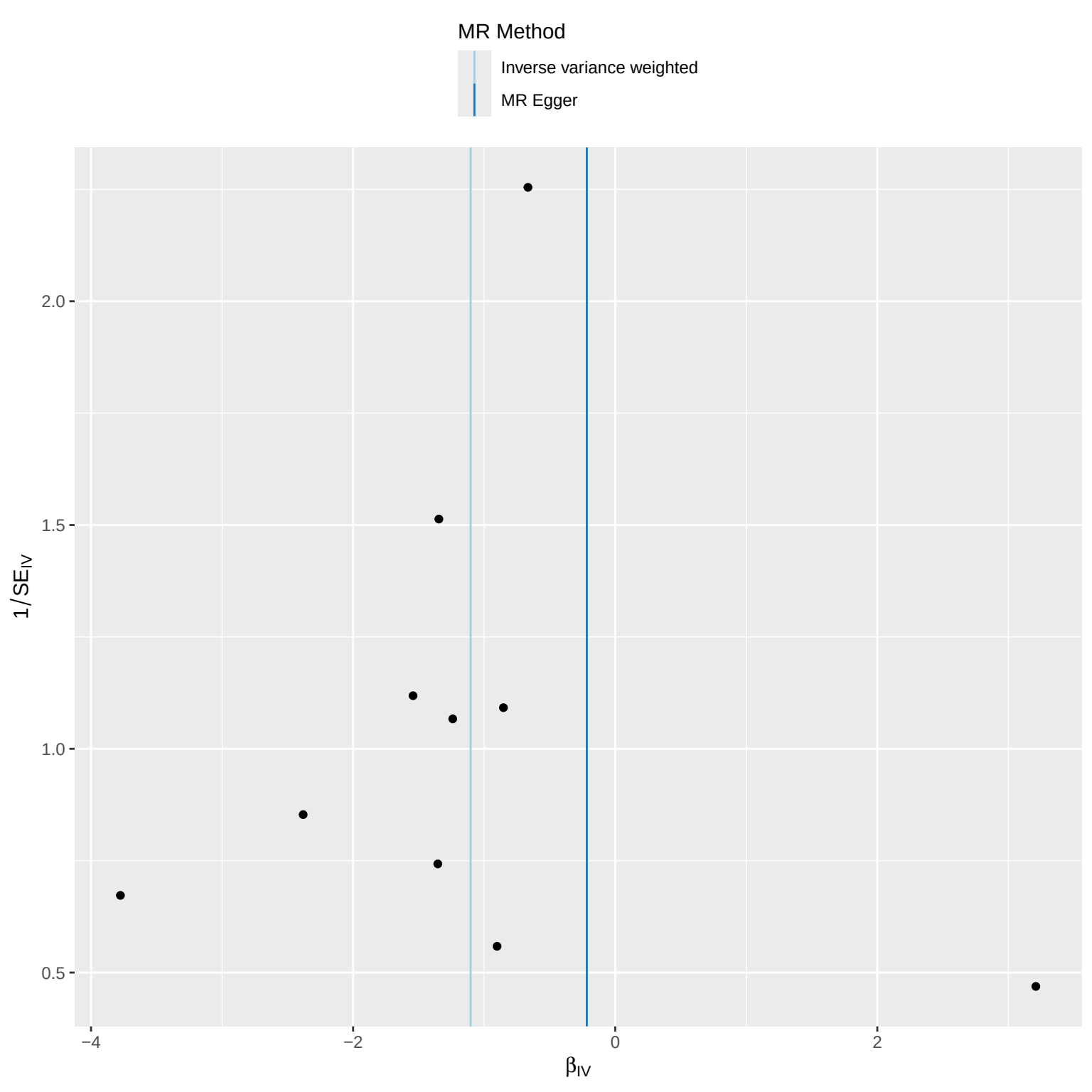

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−2
−1
0
1
2
β_IV

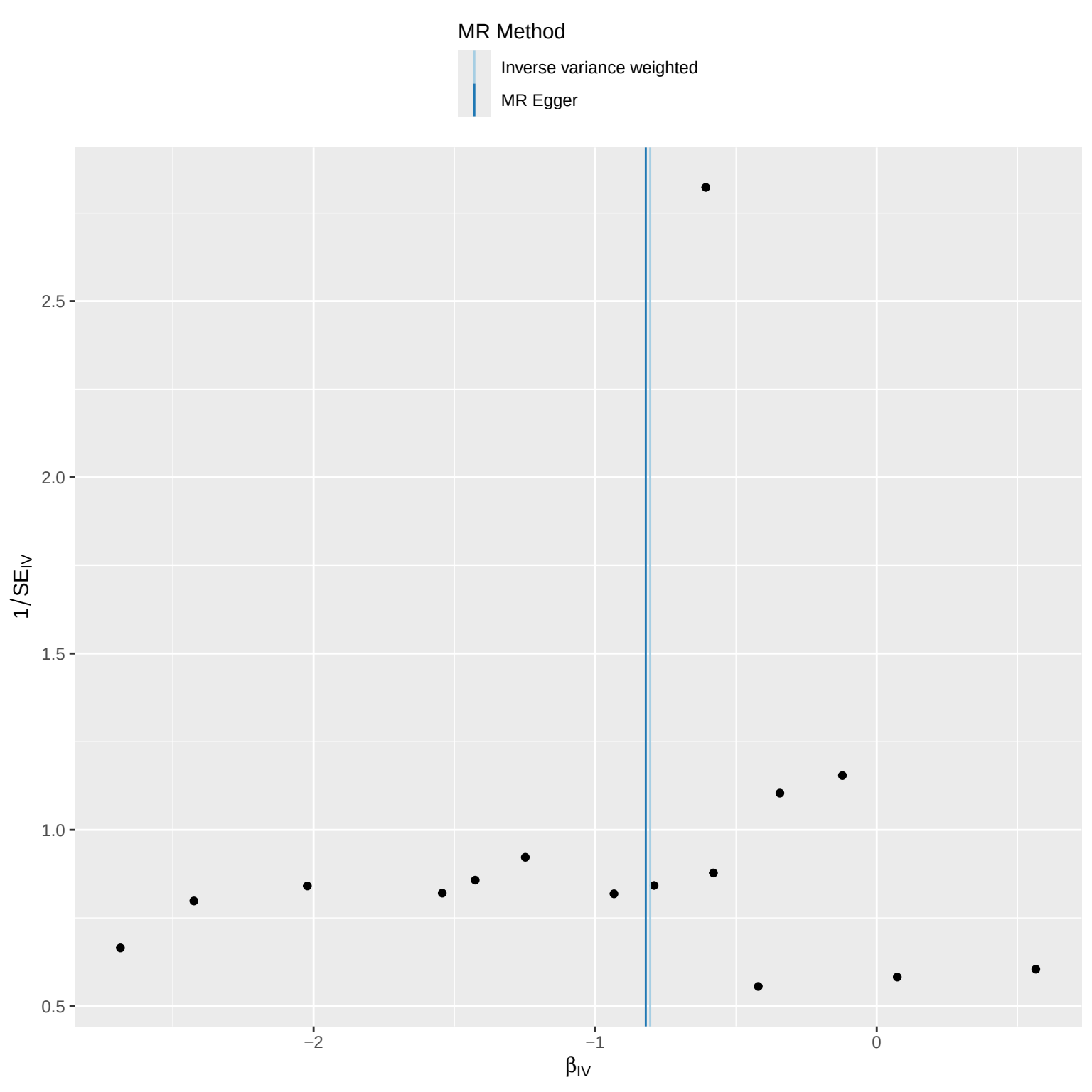

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

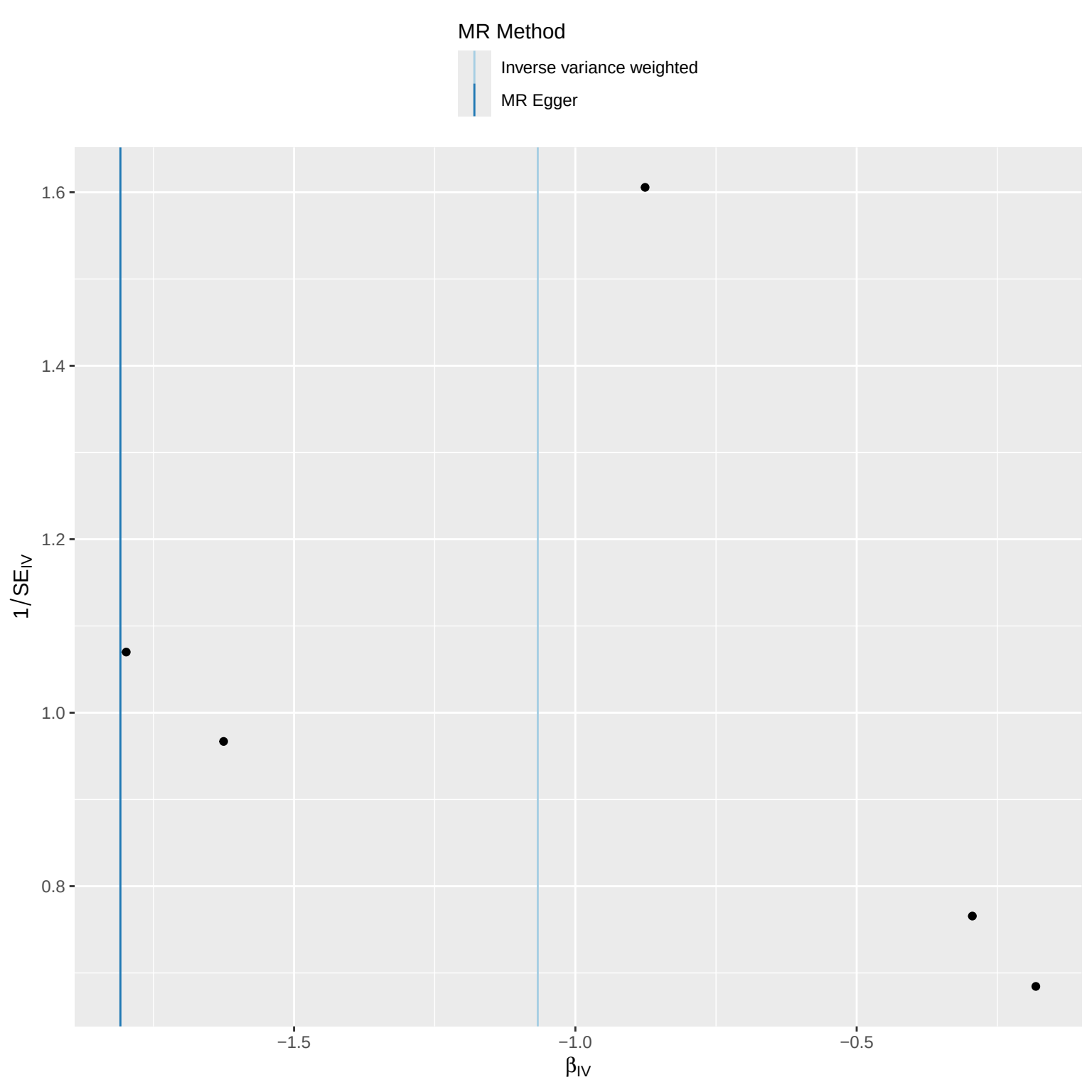

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

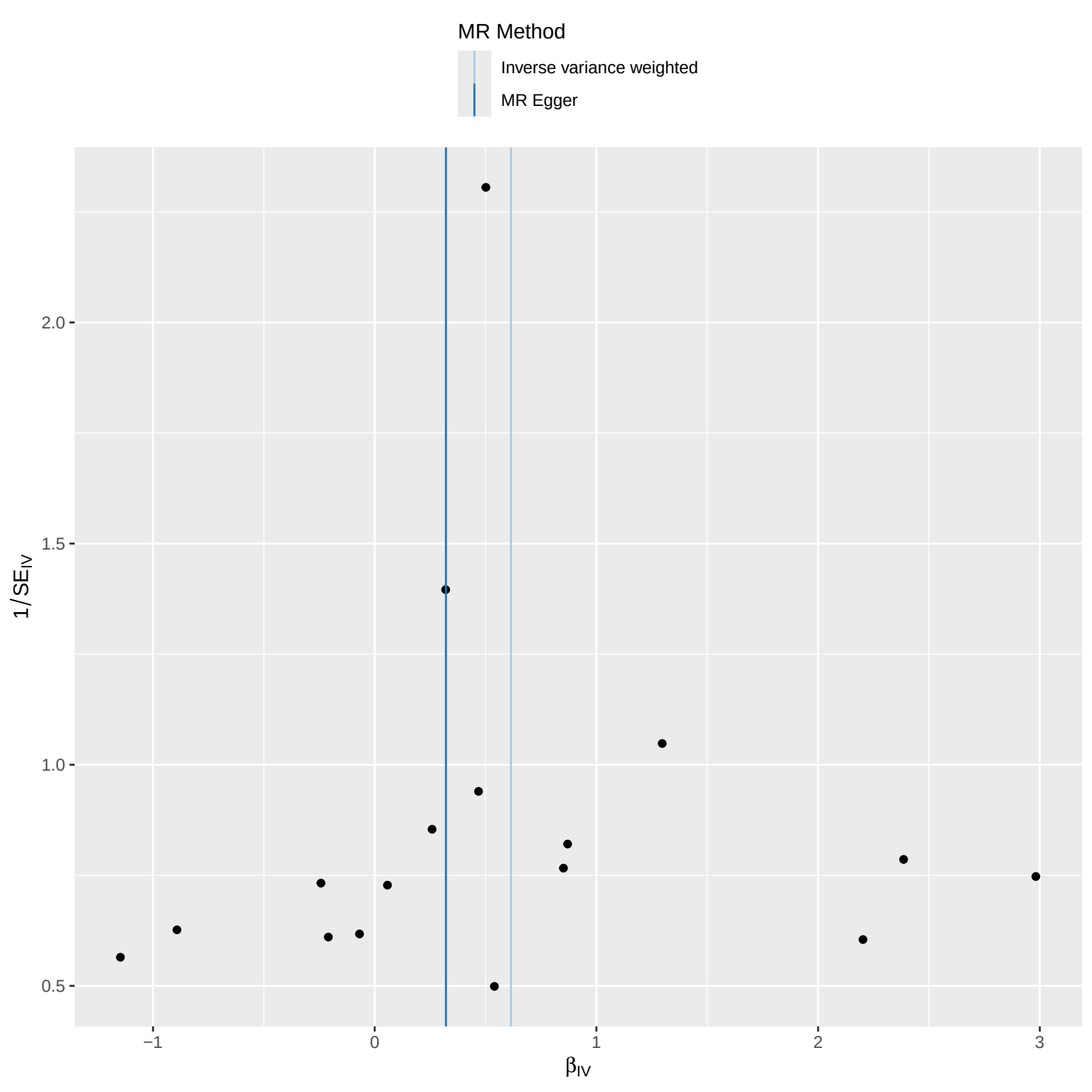

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
β_IV

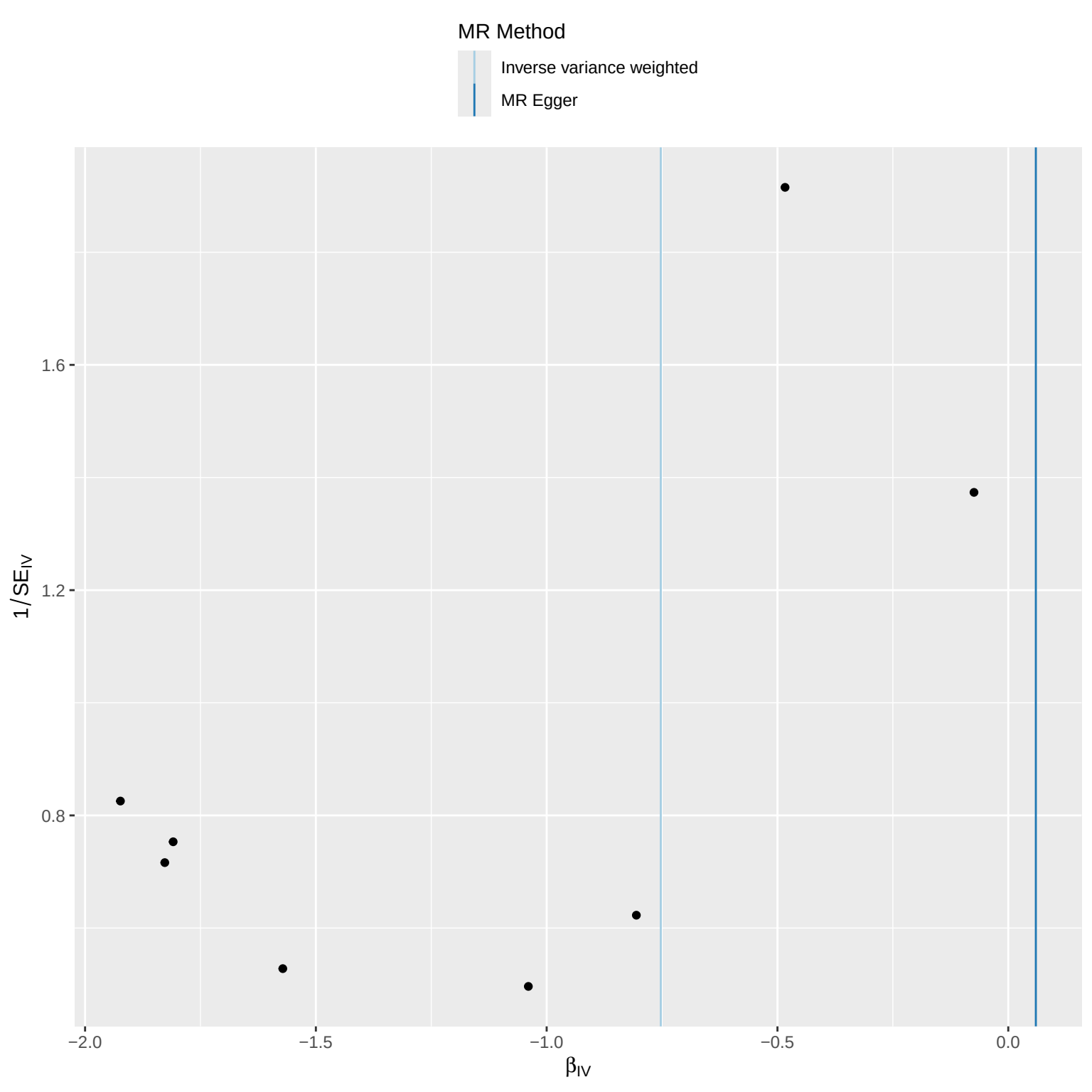

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

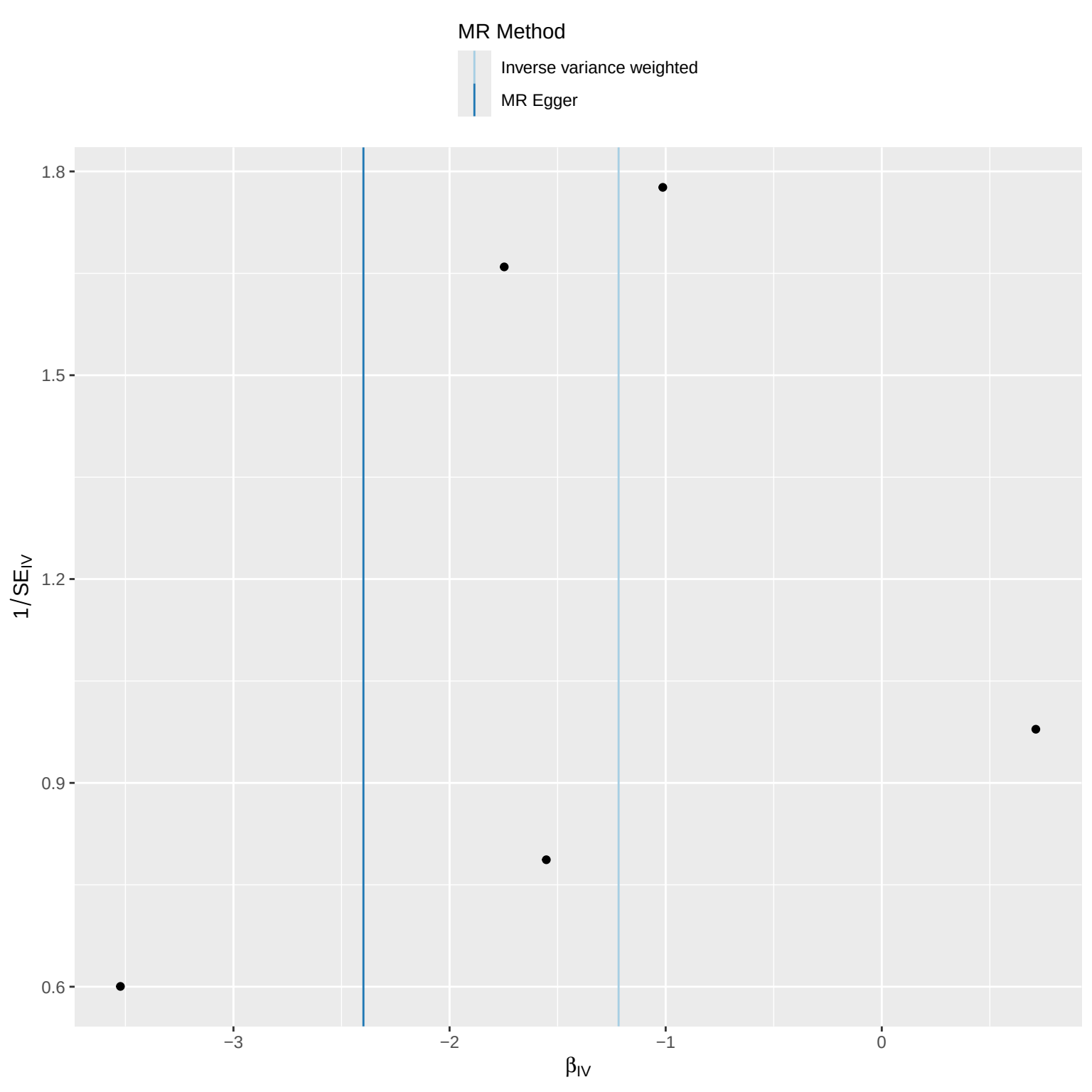

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

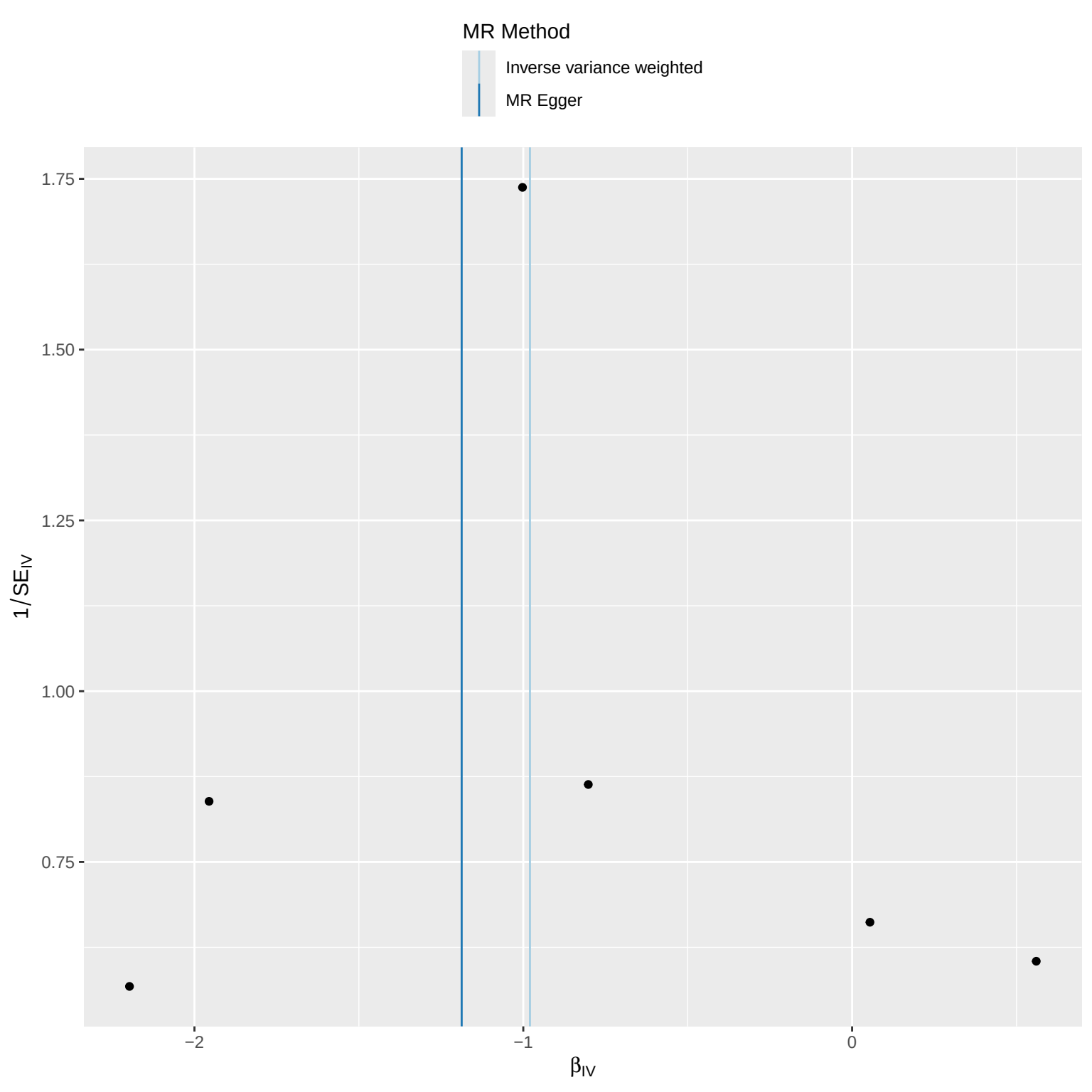

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

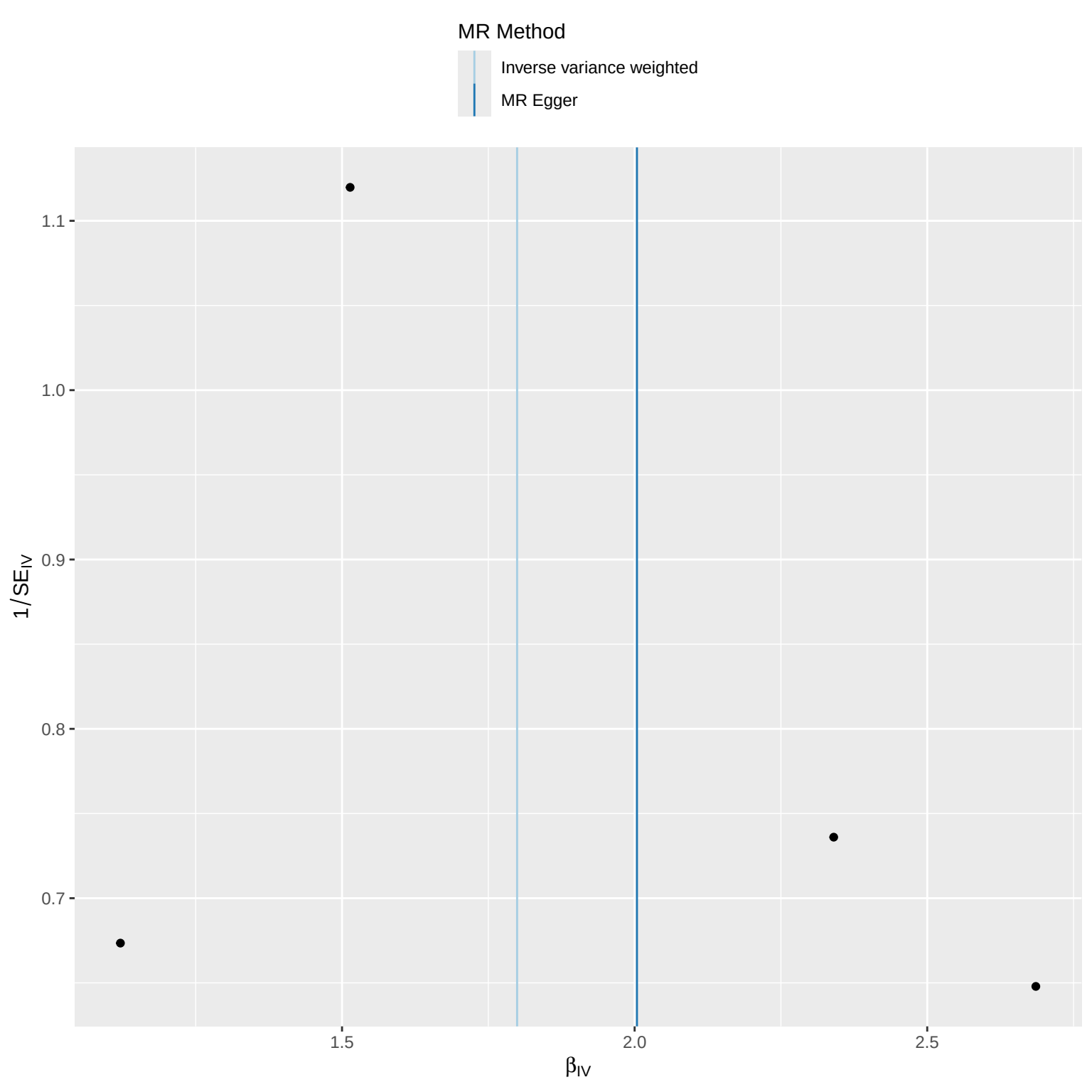

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
1/SE_IV
−1.5
−1.0
−0.5
β_IV

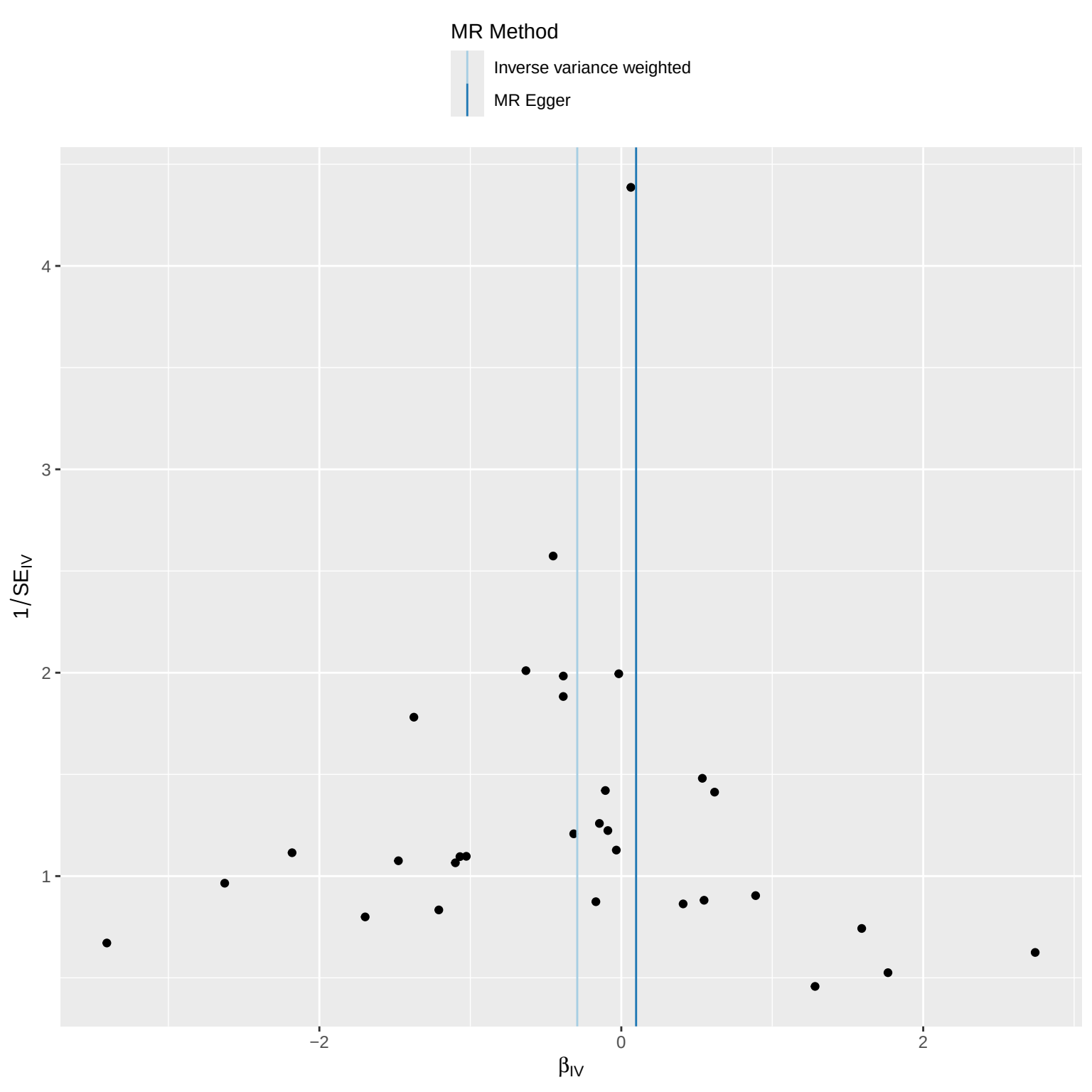

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

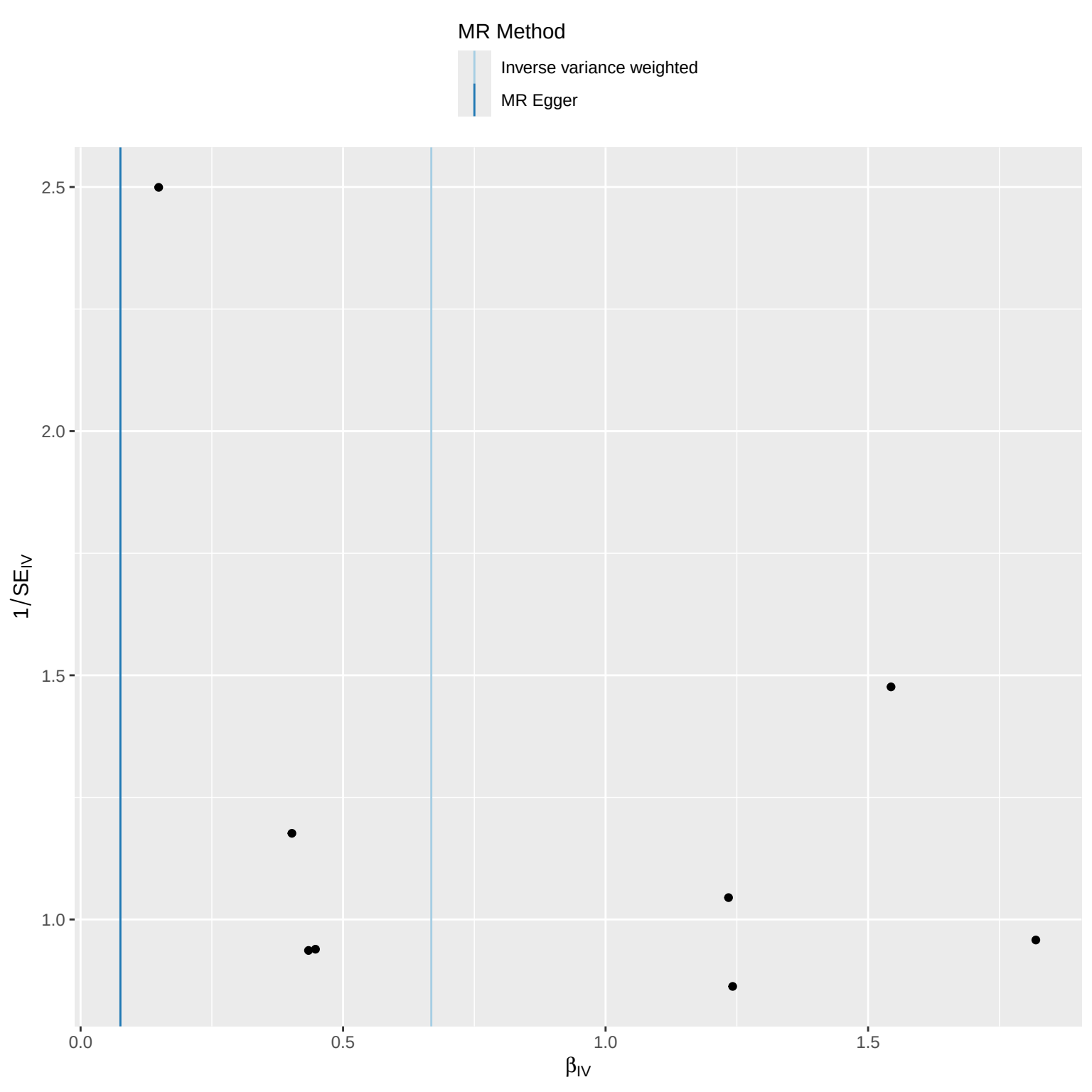

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

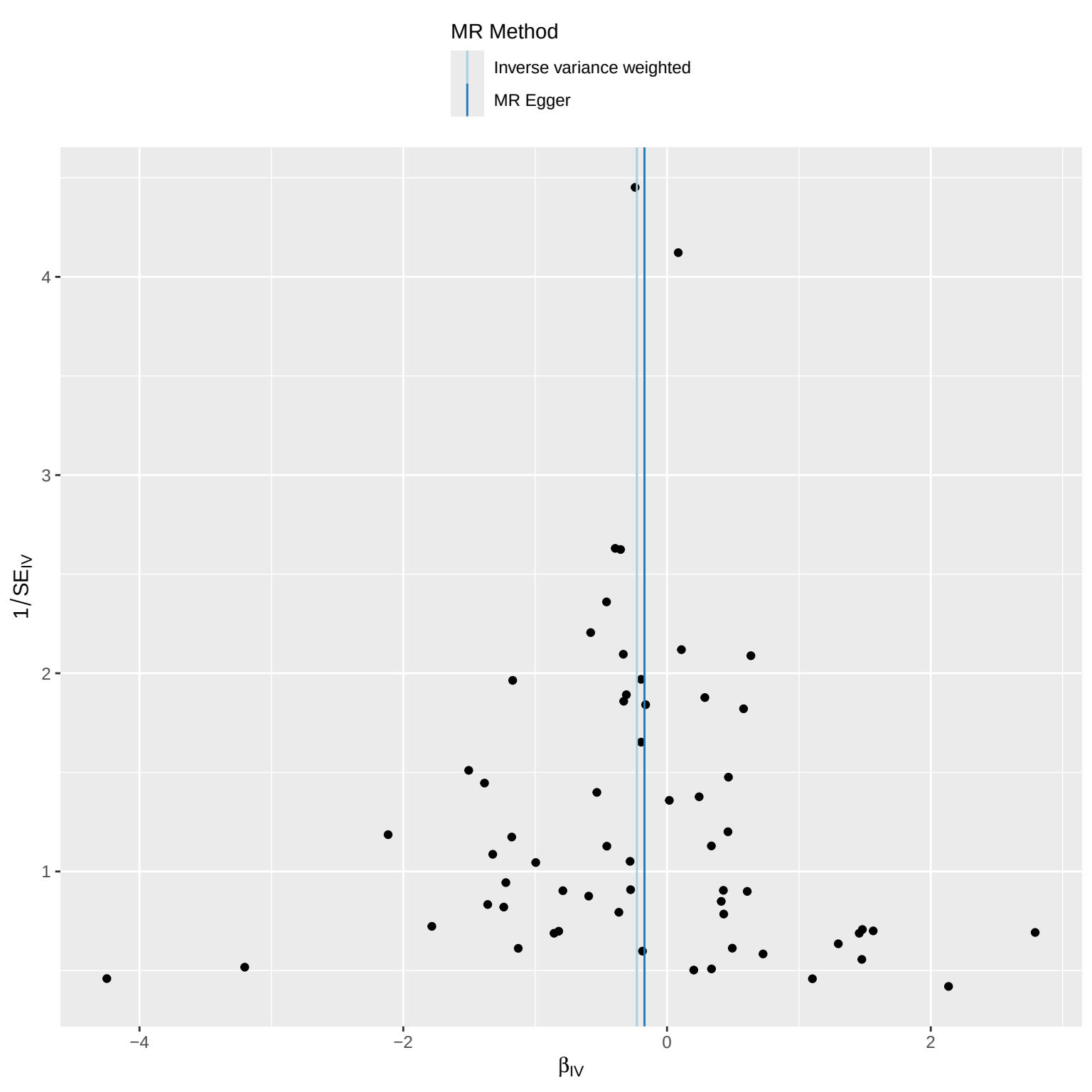

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
β_IV

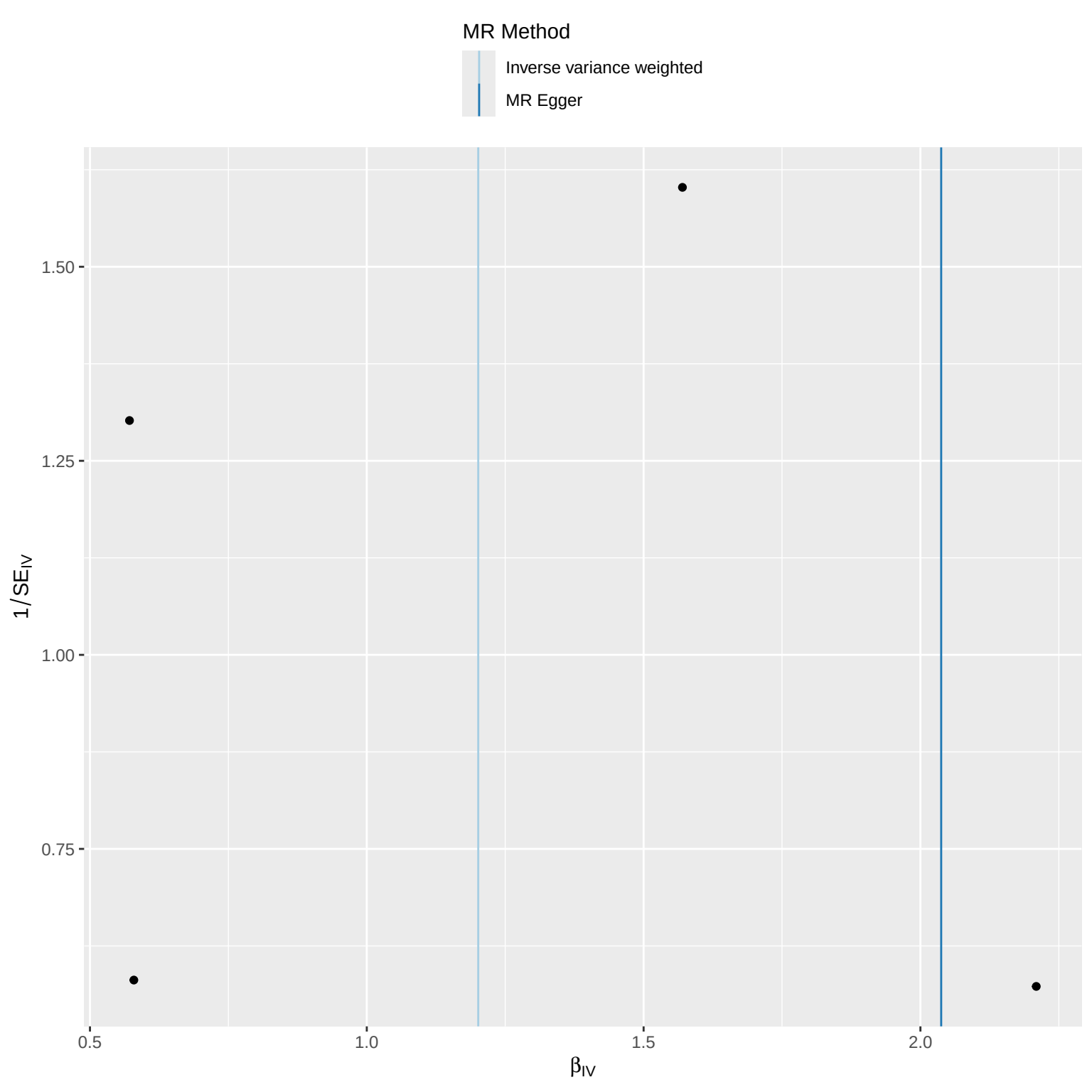

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
β_IV

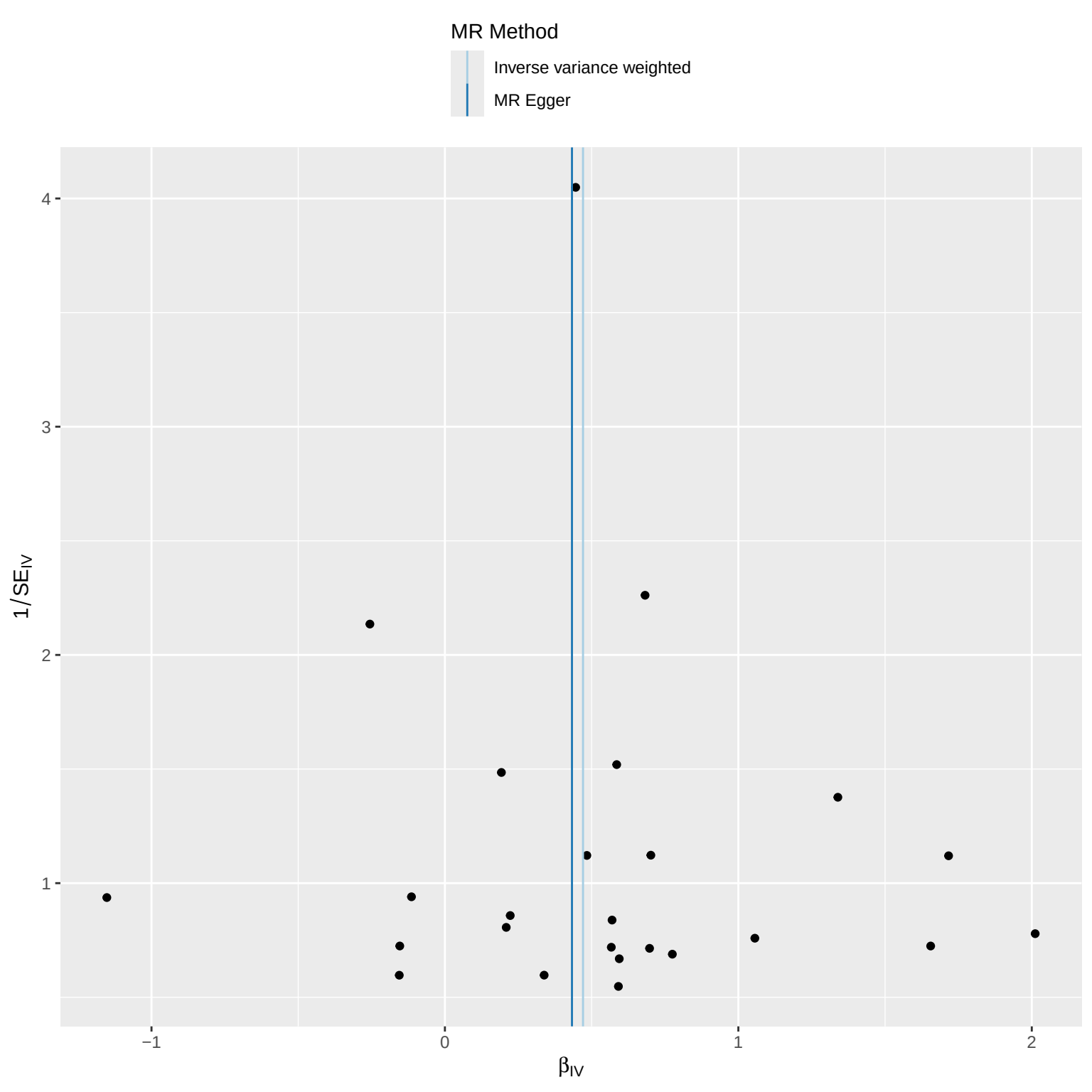

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
1/SE_IV
1.5
2.0
2.5
β_IV

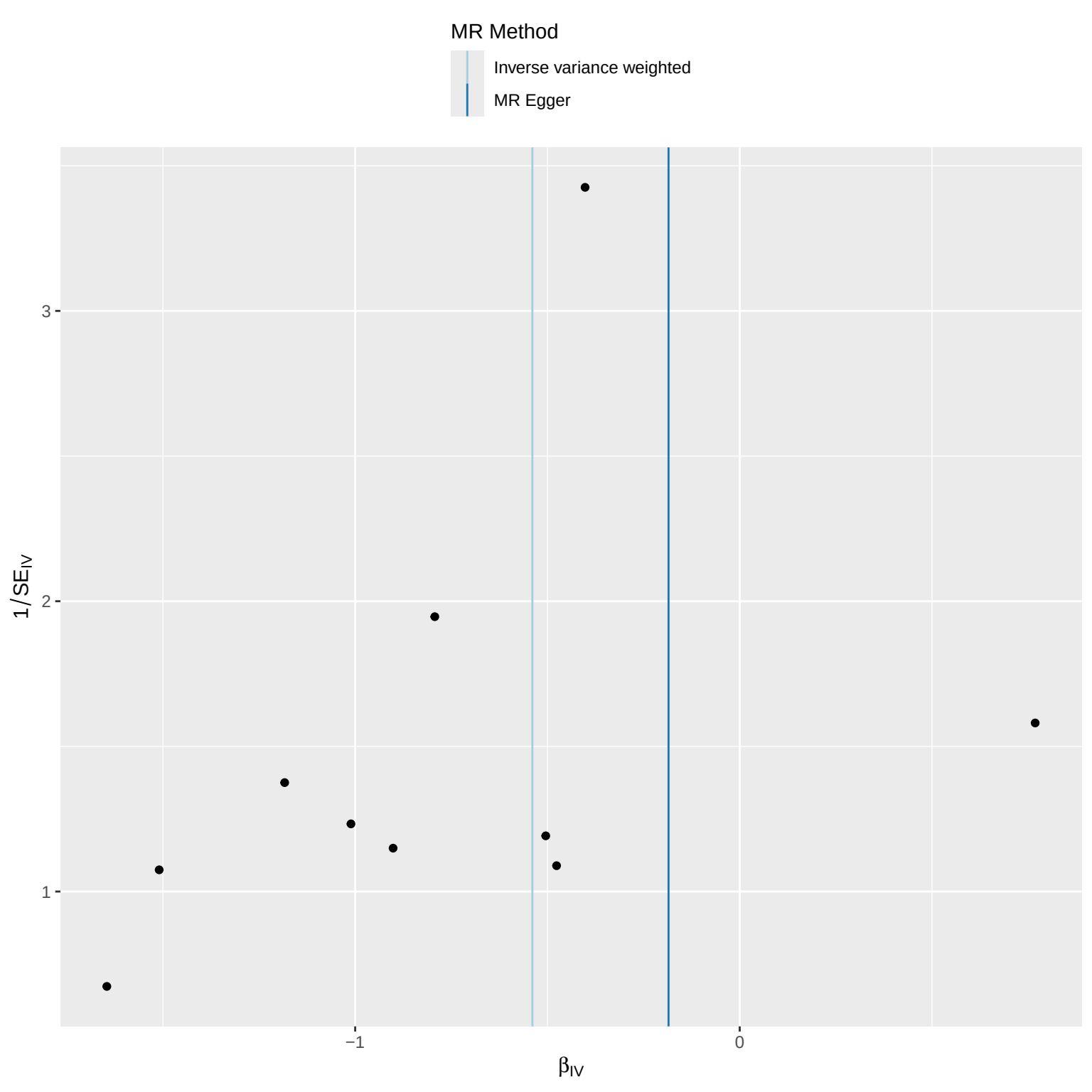

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

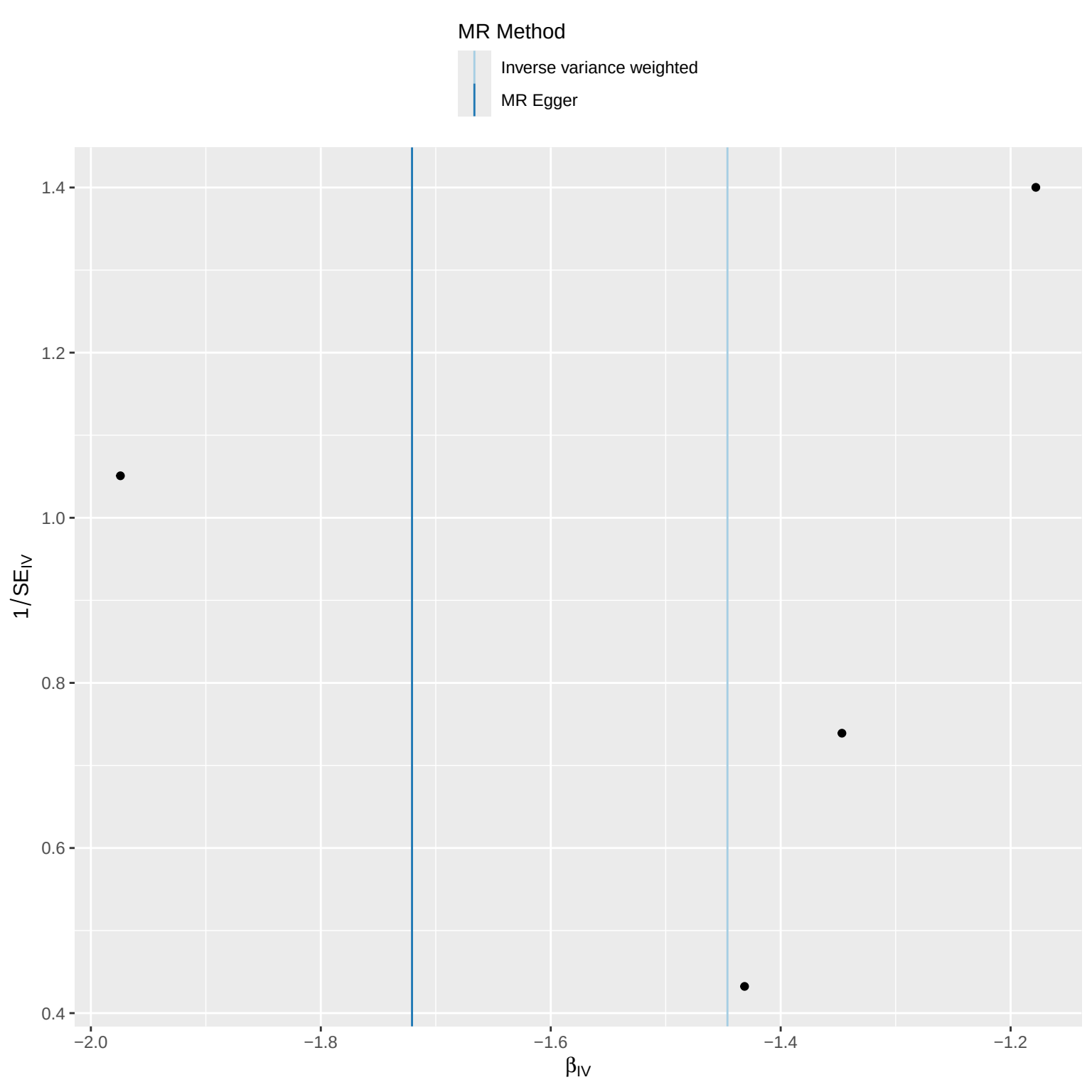

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

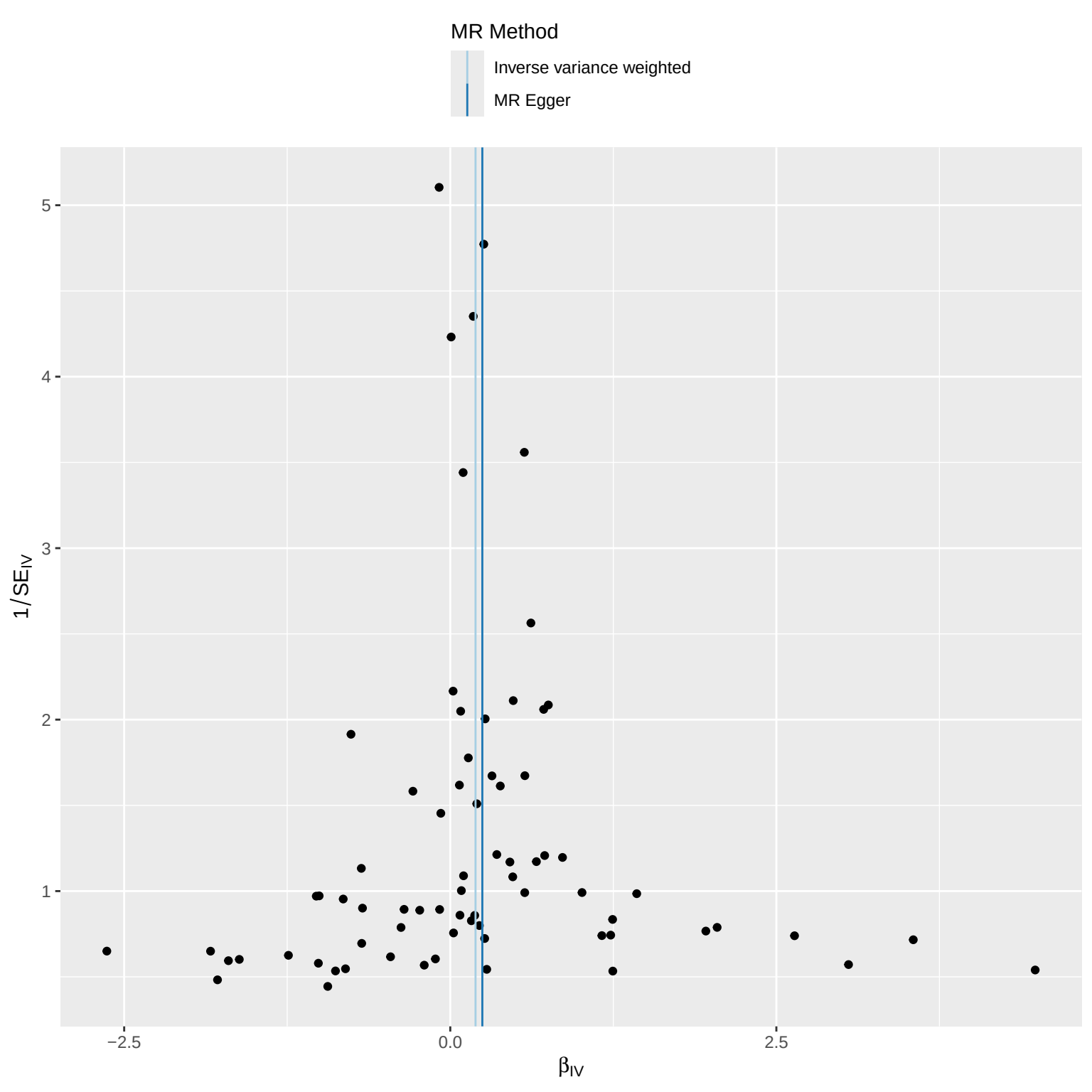

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

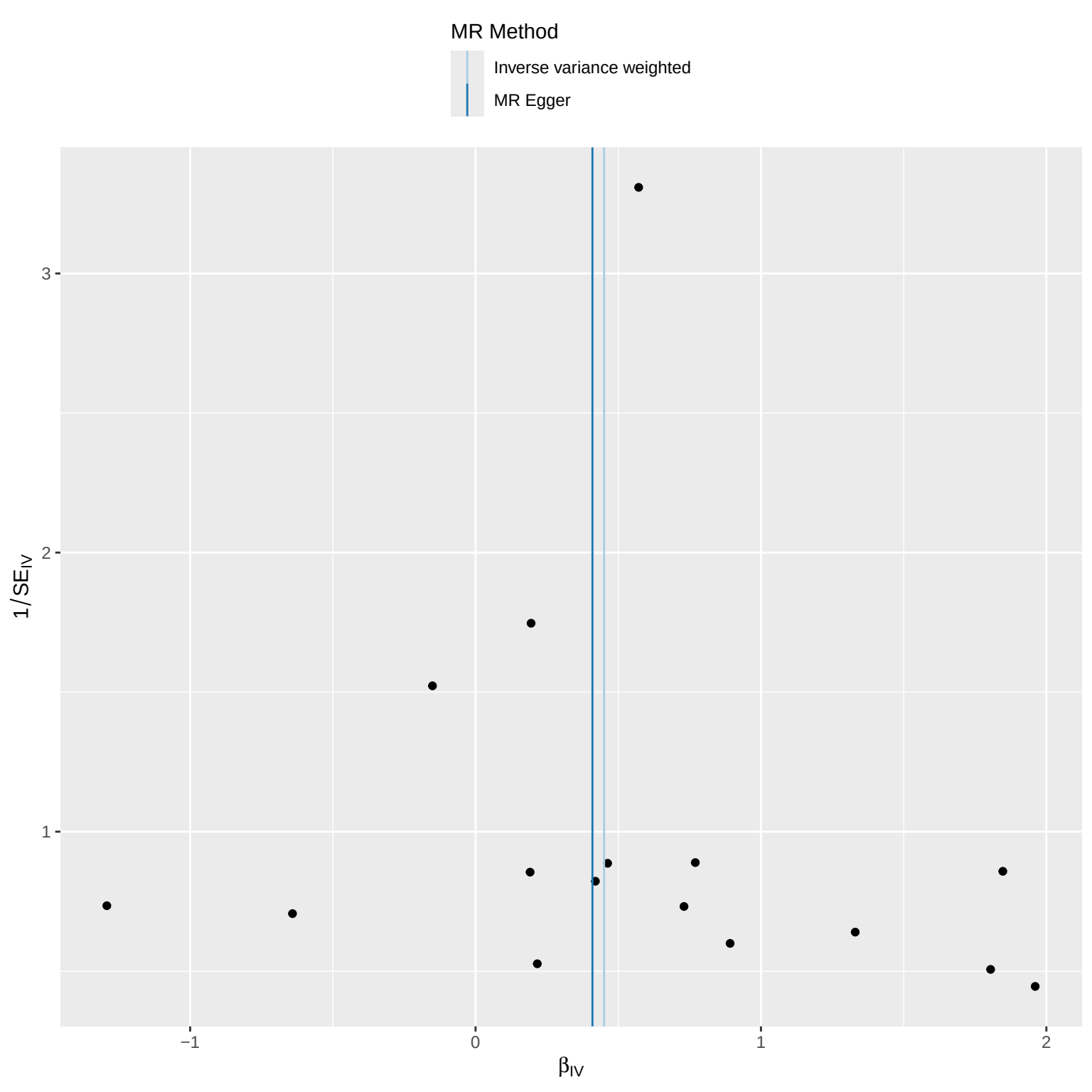

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

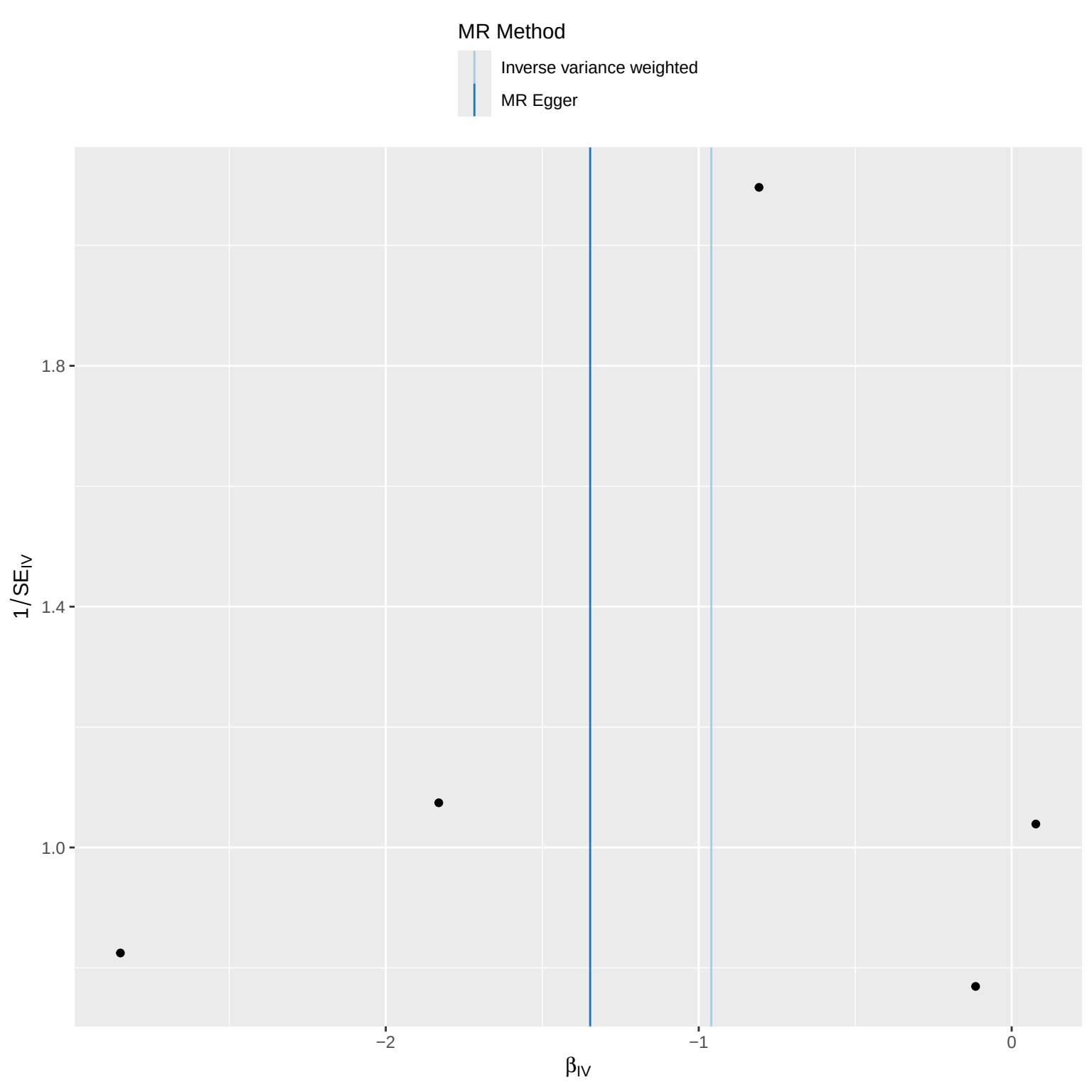

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

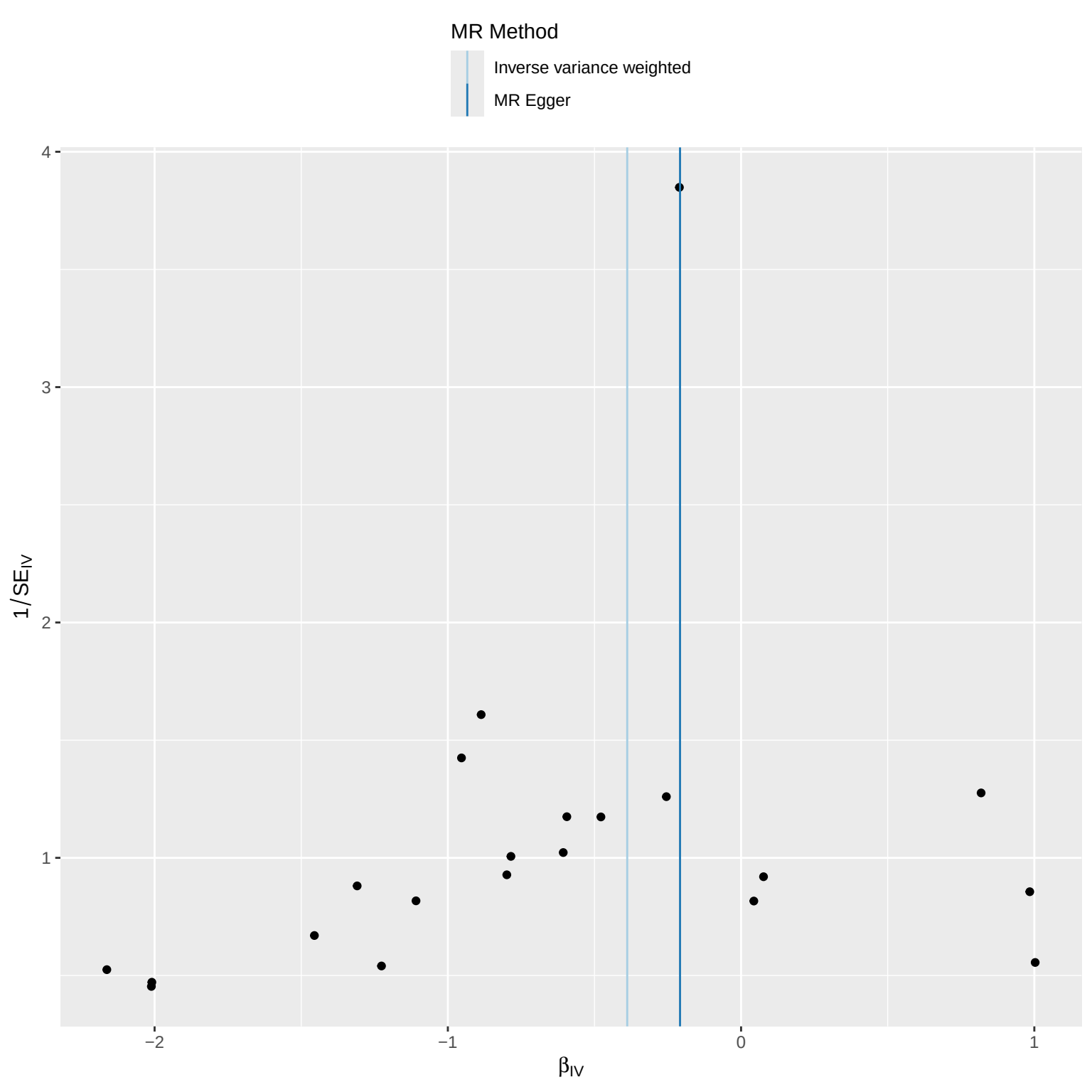

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
β_IV

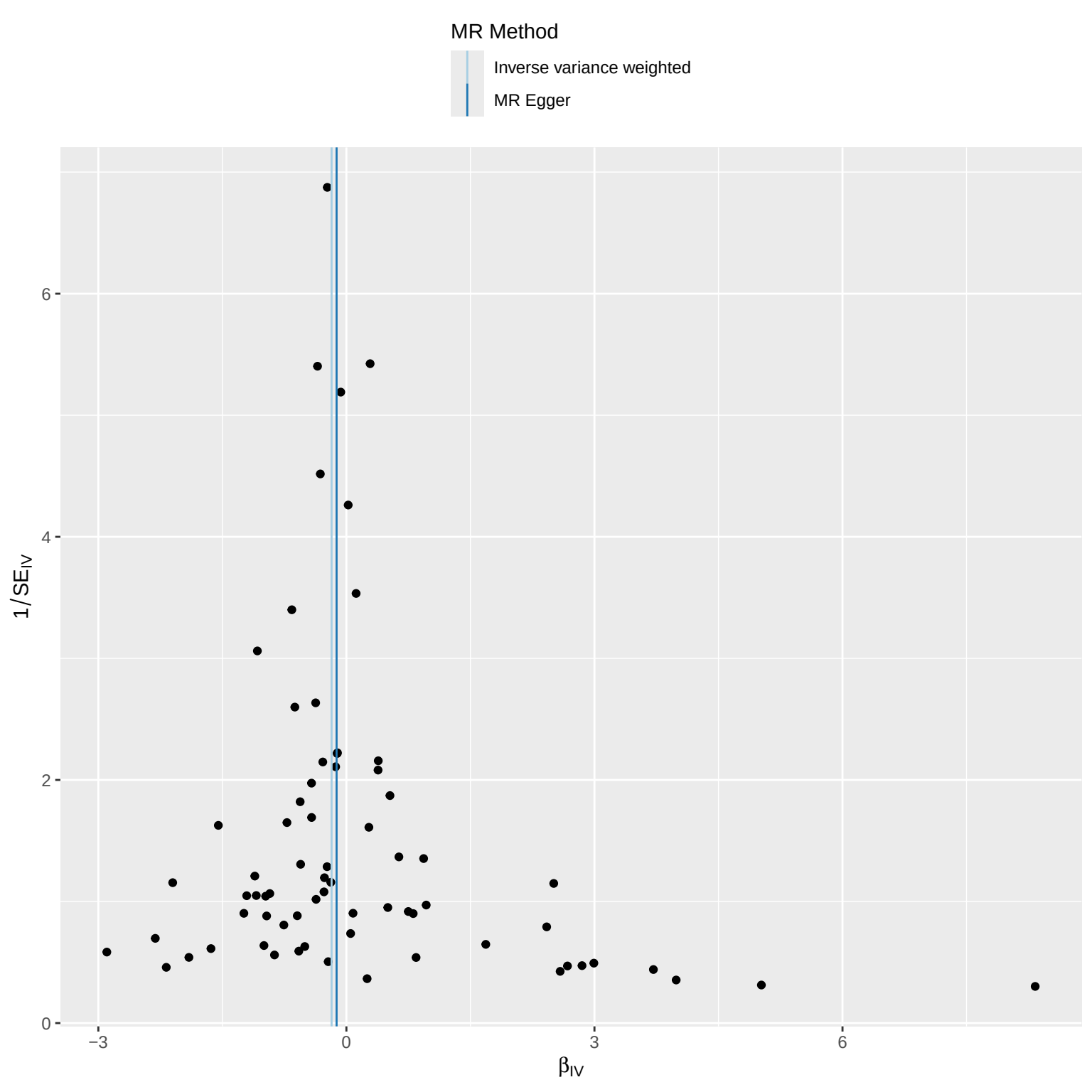

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2.0
−1.8
−1.6
−1.4
−1.2
β_IV

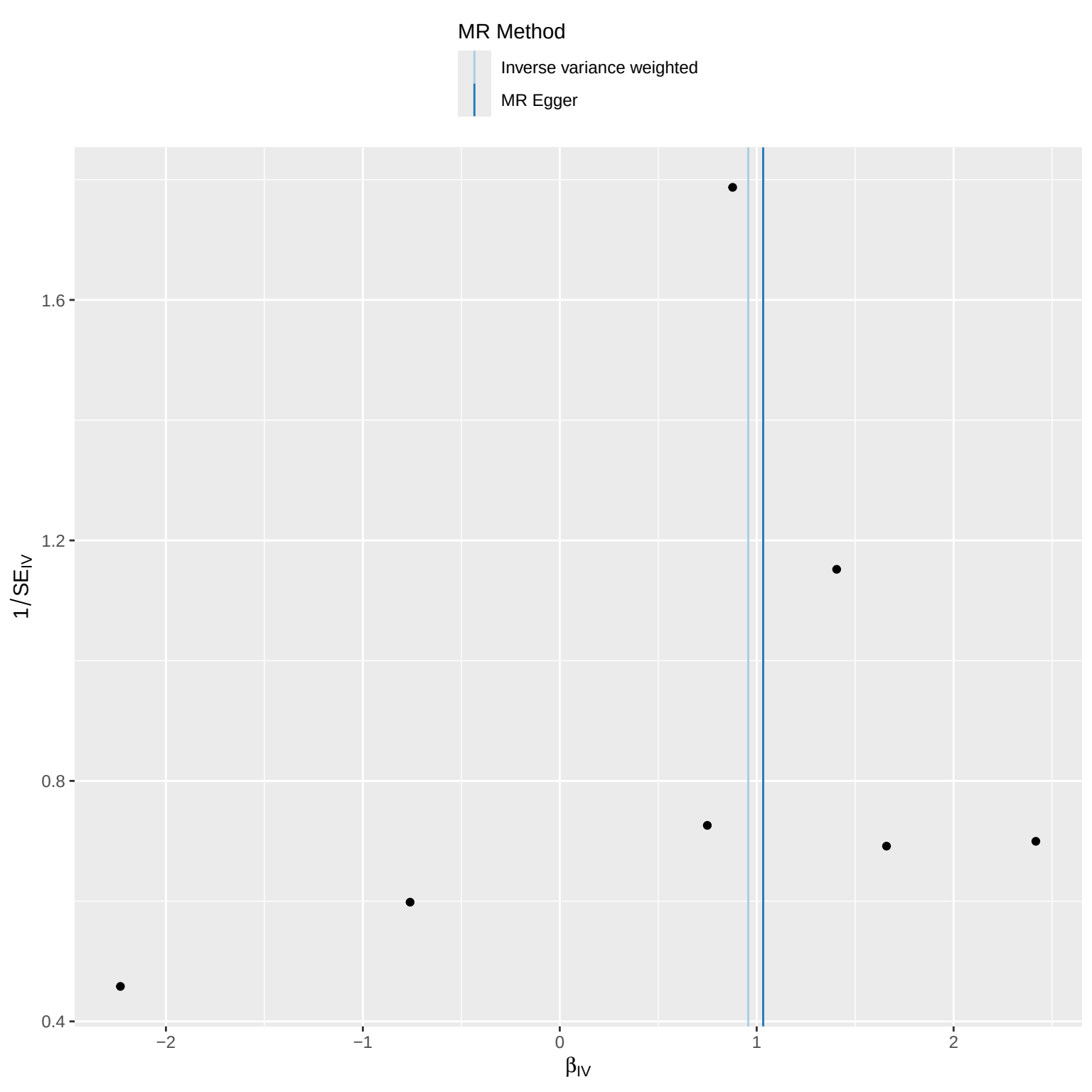

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

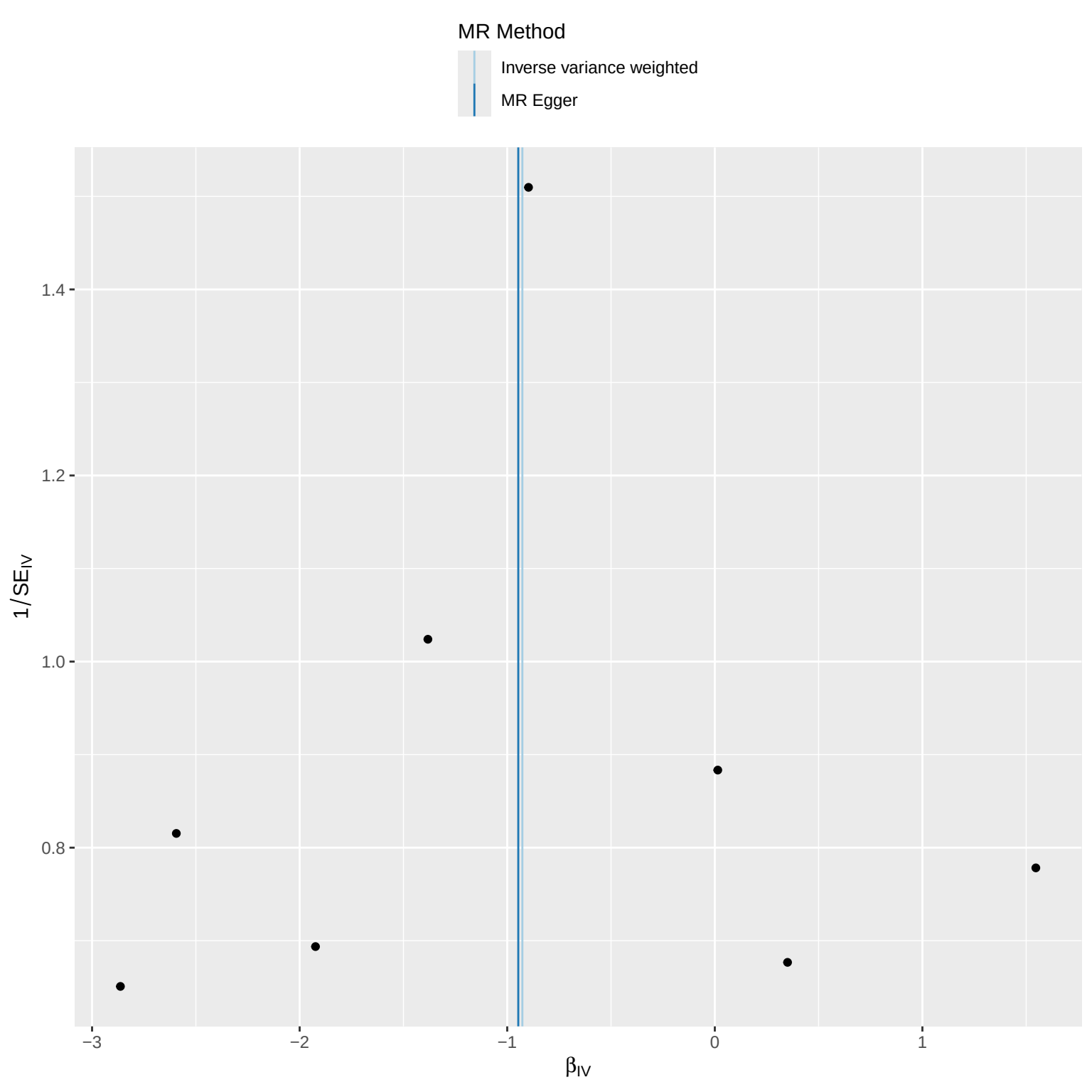

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

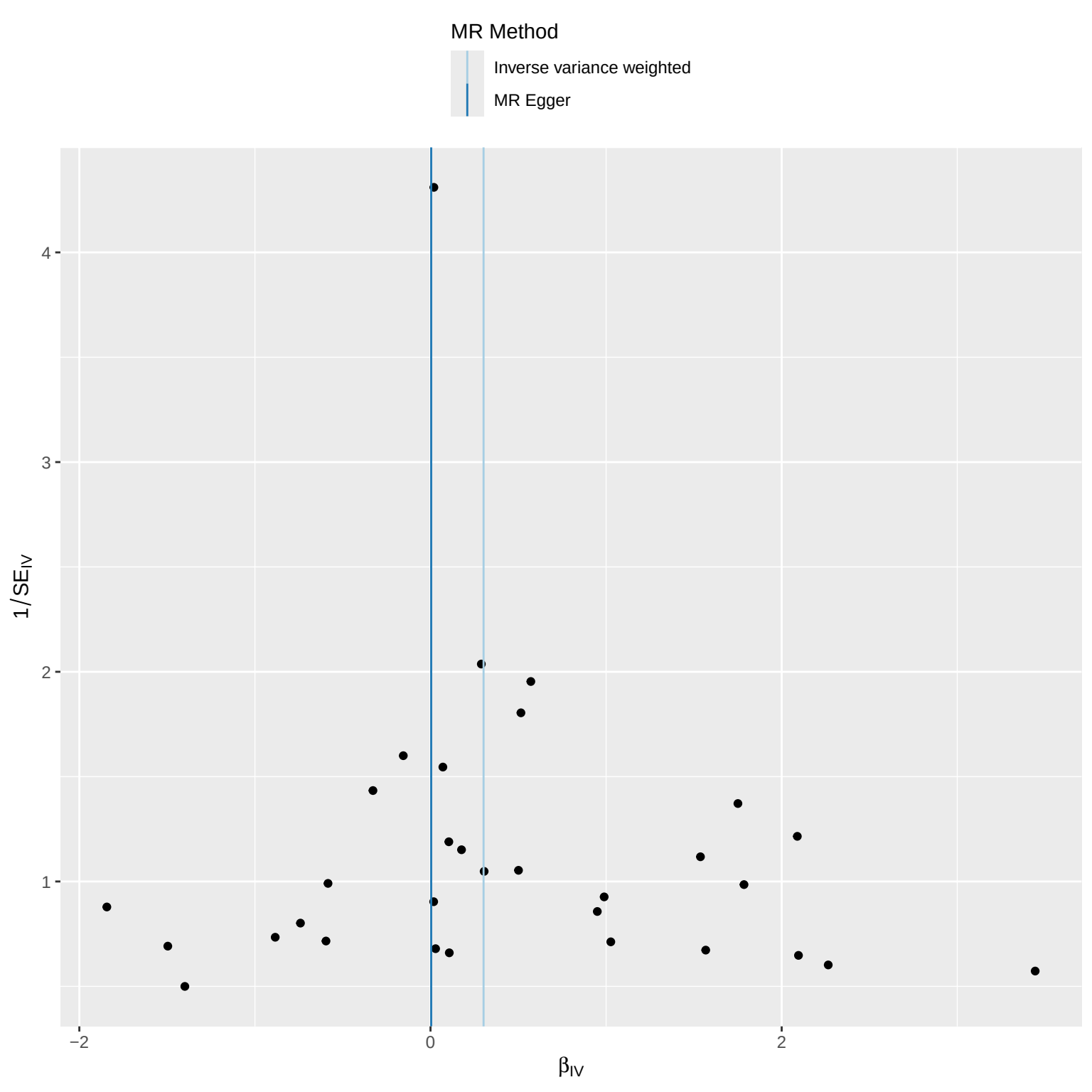

MR Method
Inverse variance weighted
MR Egger
1.8
1.4
1.0
1/SE_IV
−2
−1
0
β_IV

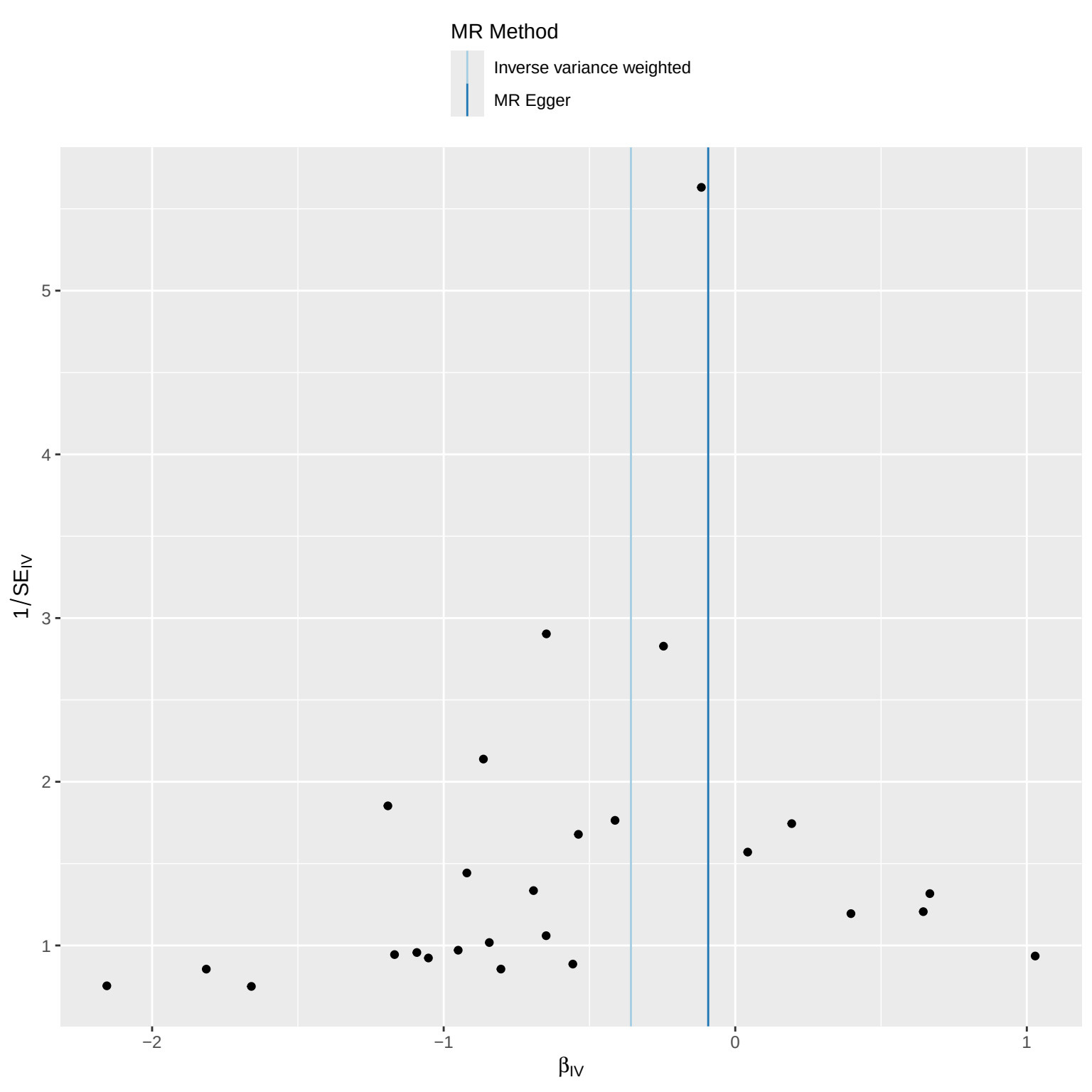

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

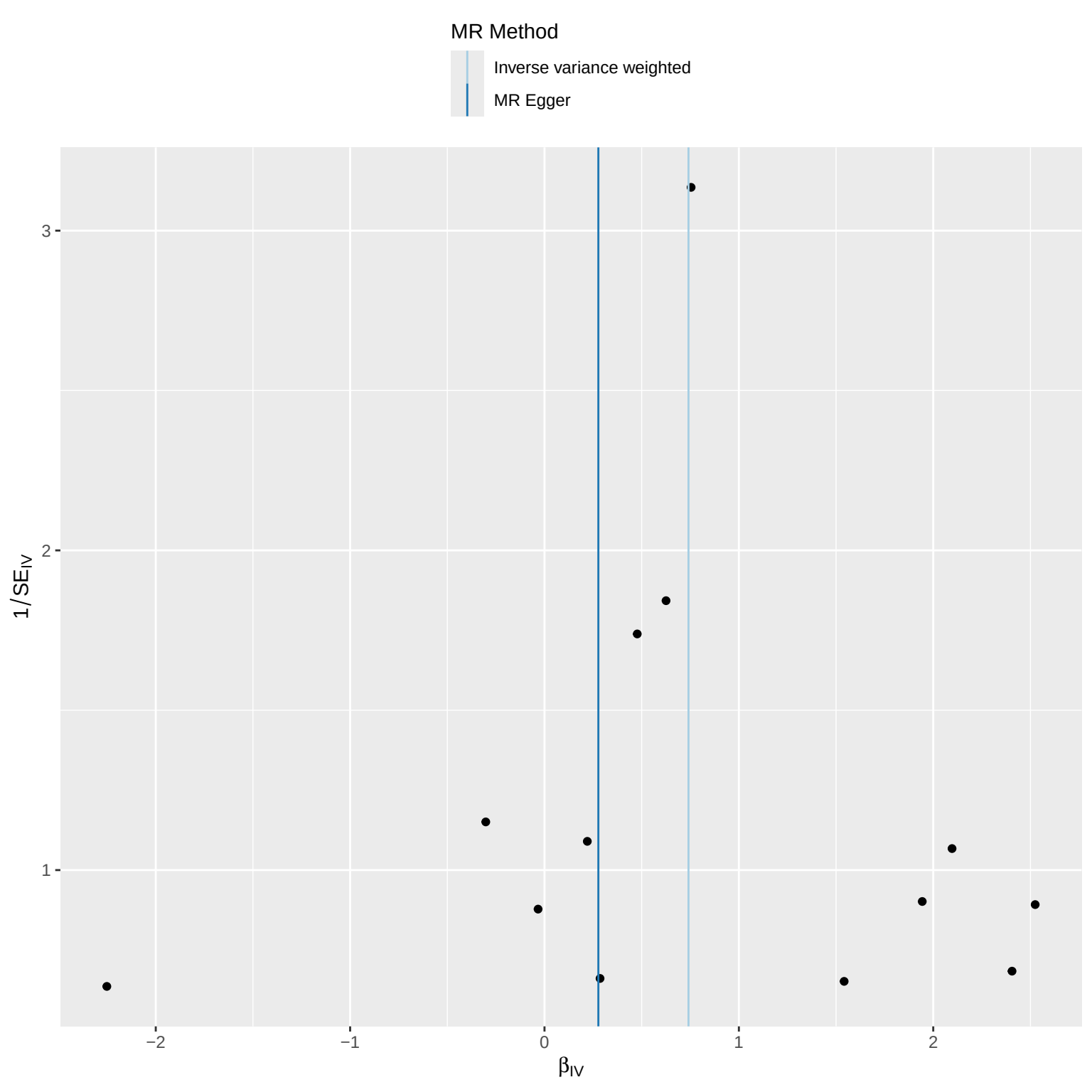

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−3
0
3
6
β_IV

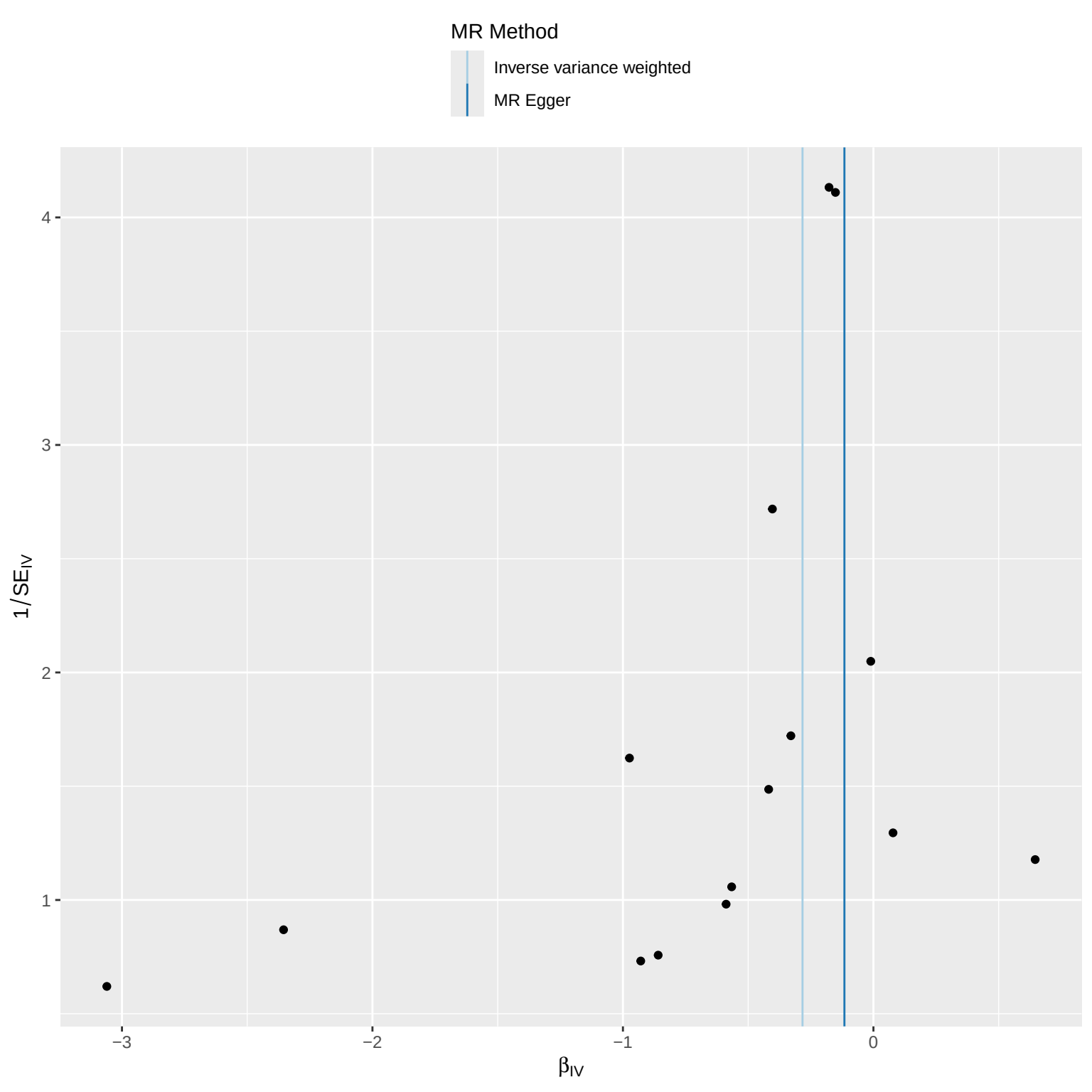

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

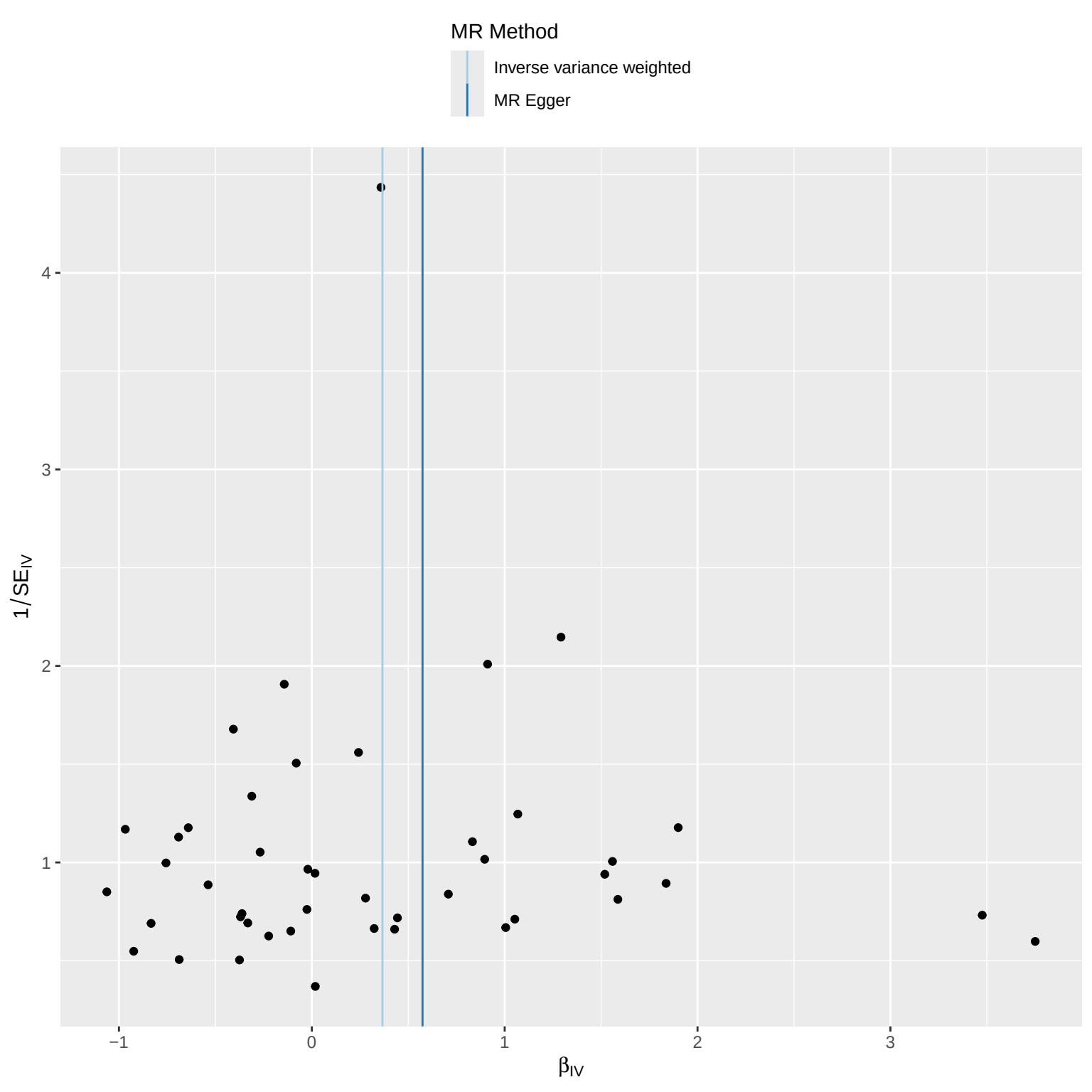

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
−3
−2
−1
0
1
β_IV

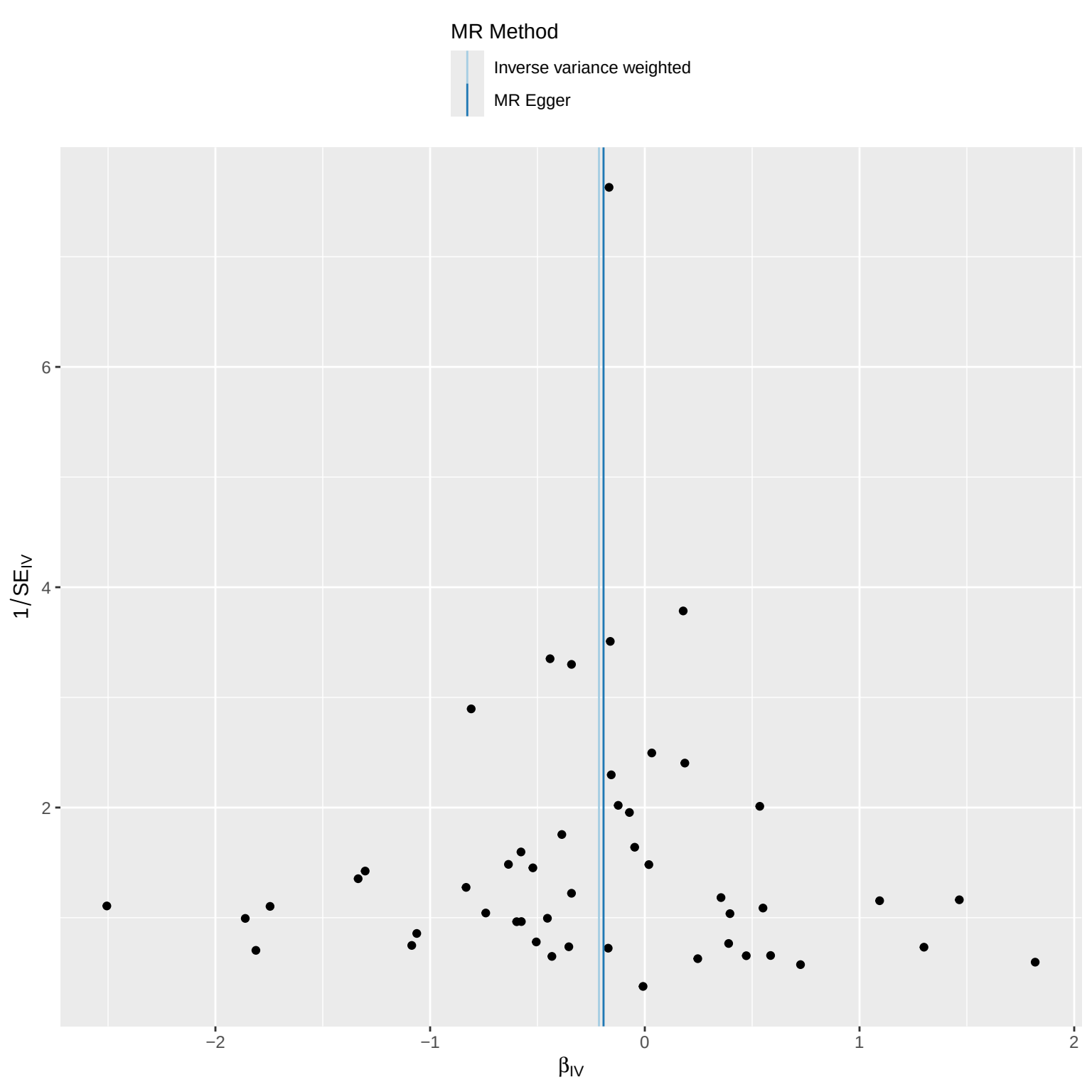

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

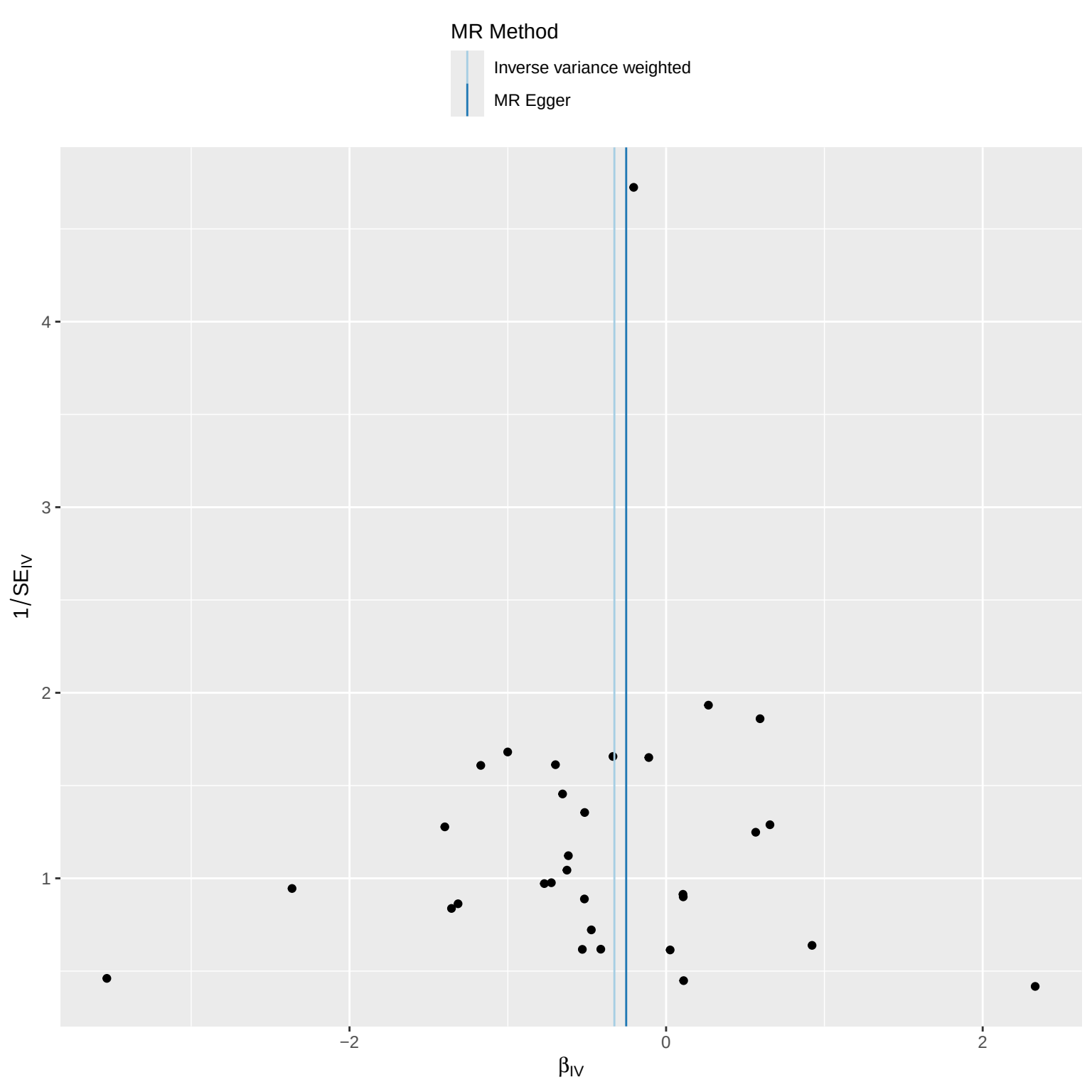

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−2
−1
0
1
β_IV

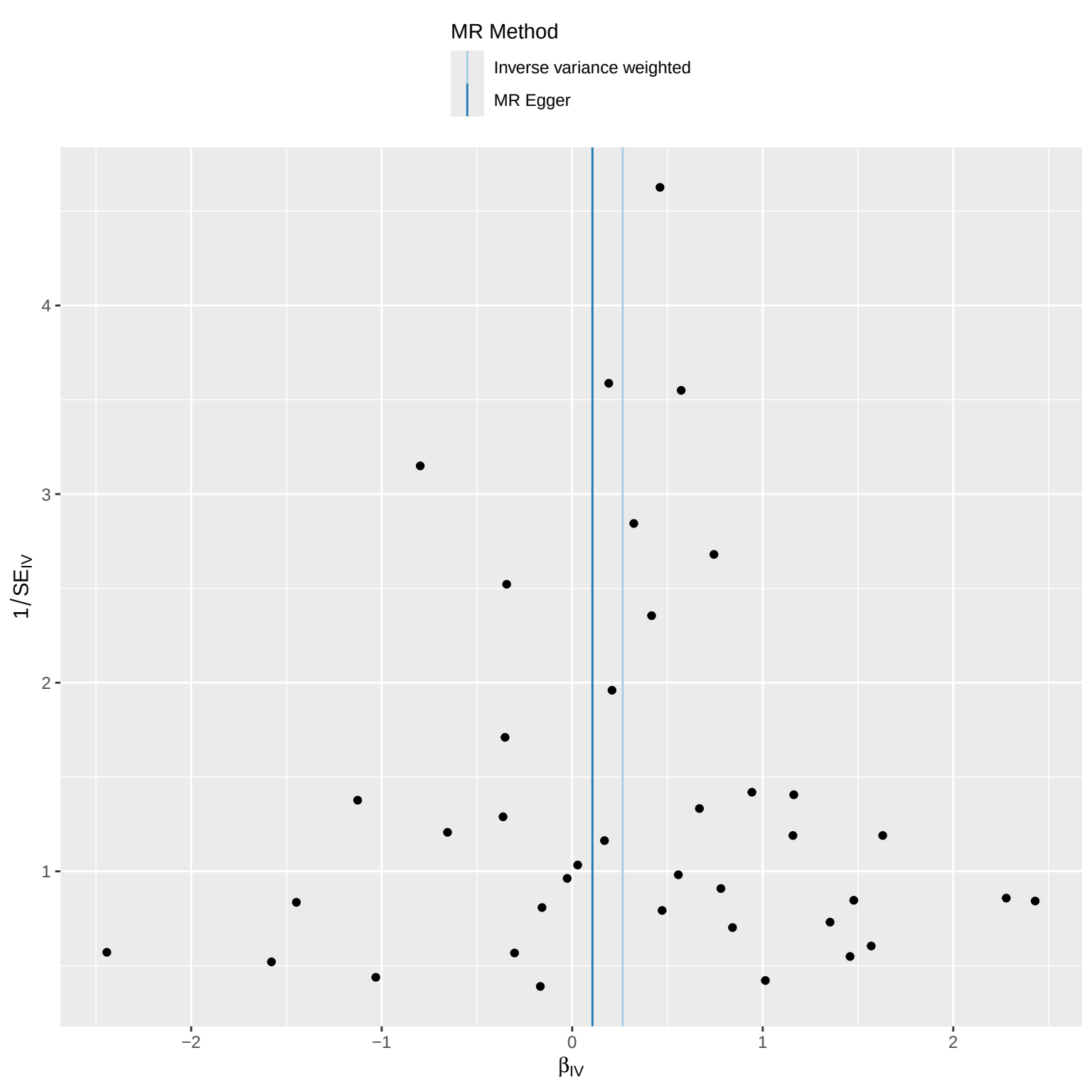

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

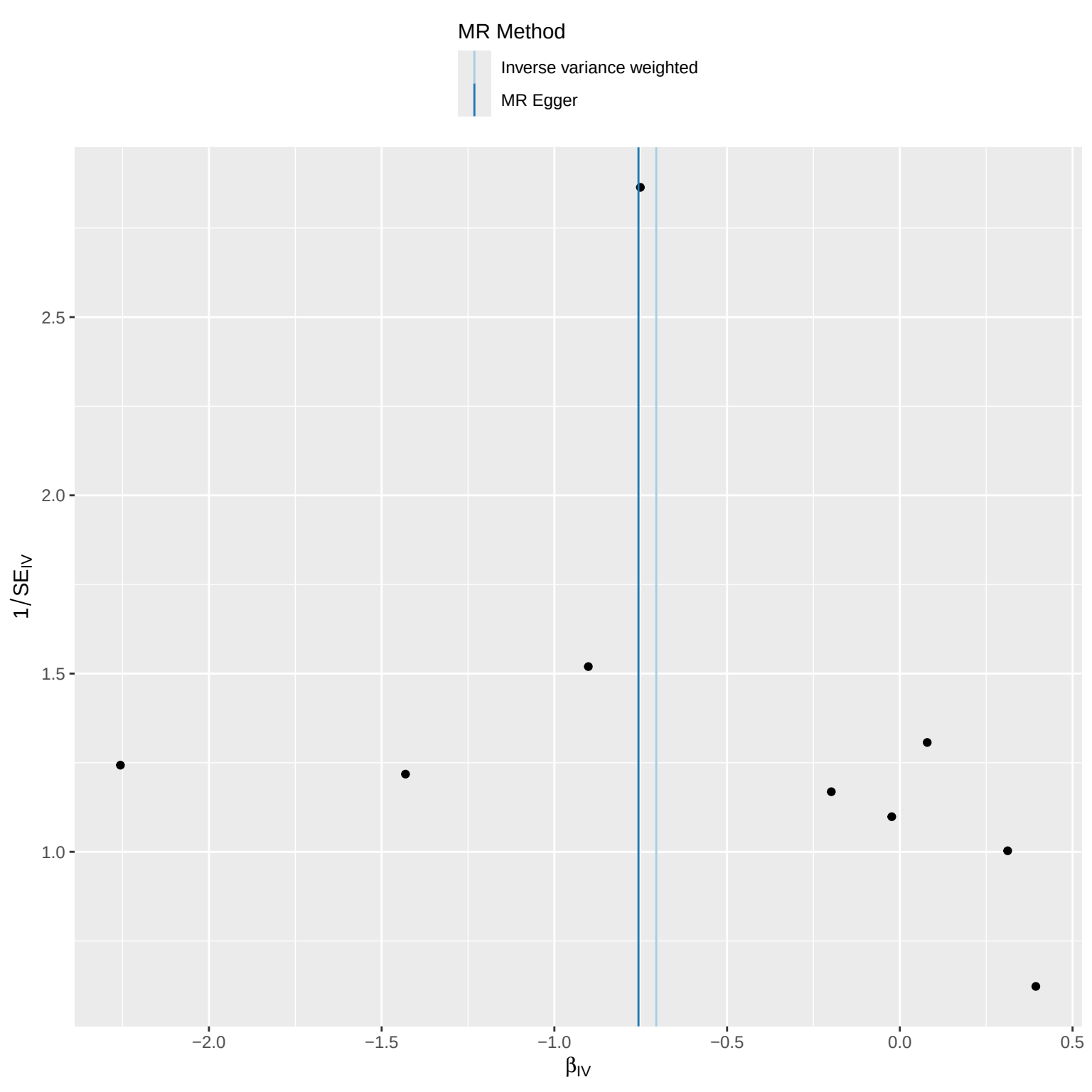

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

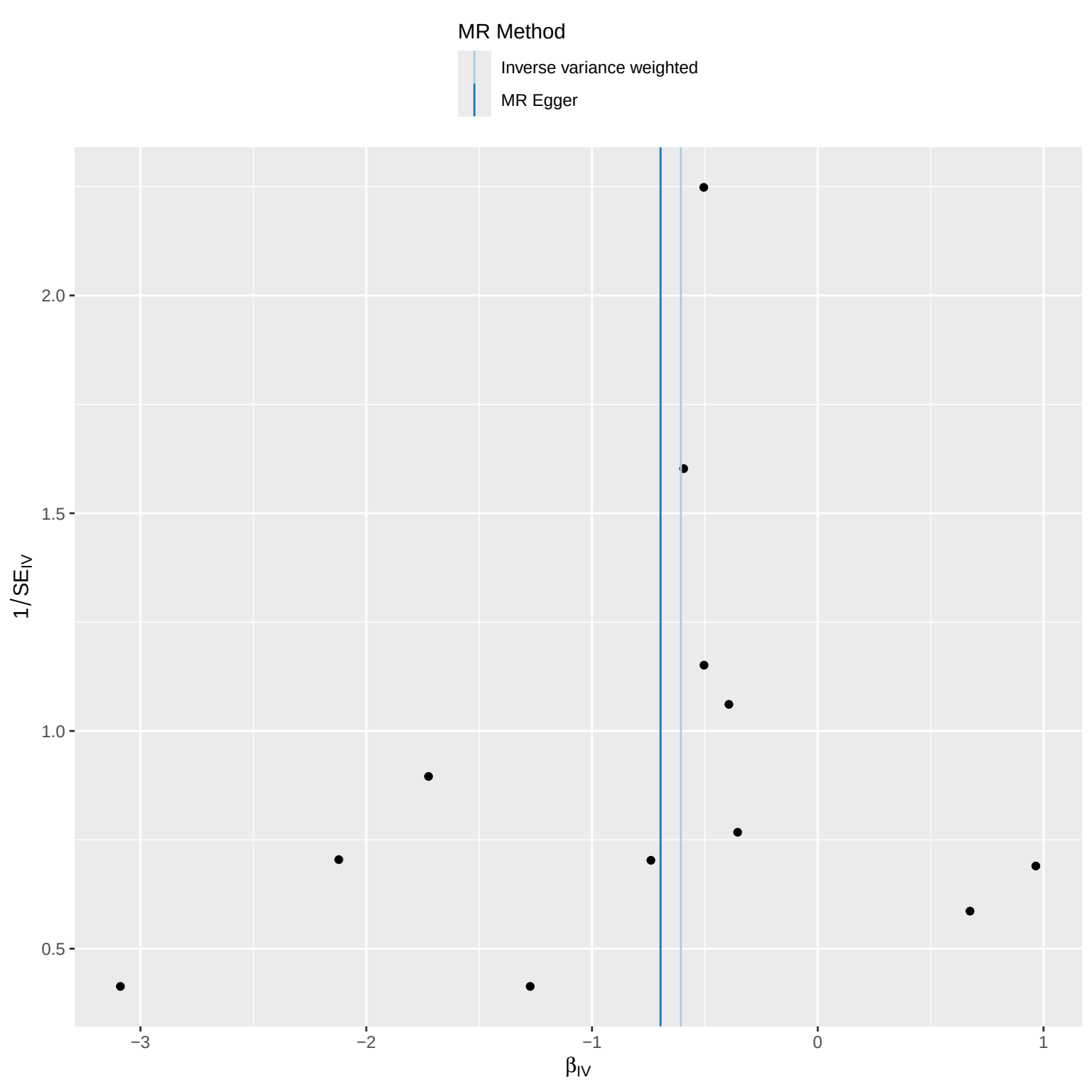

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

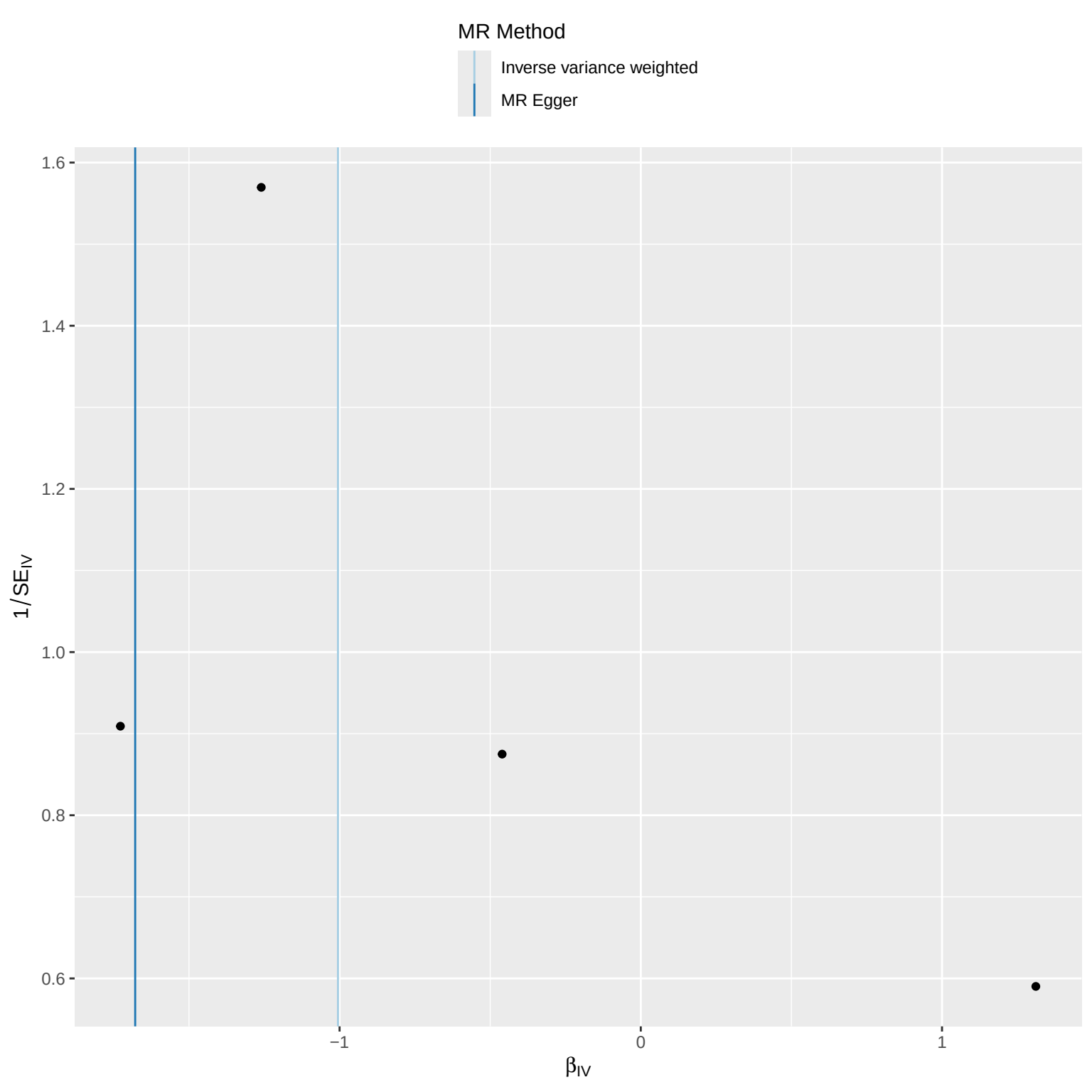

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

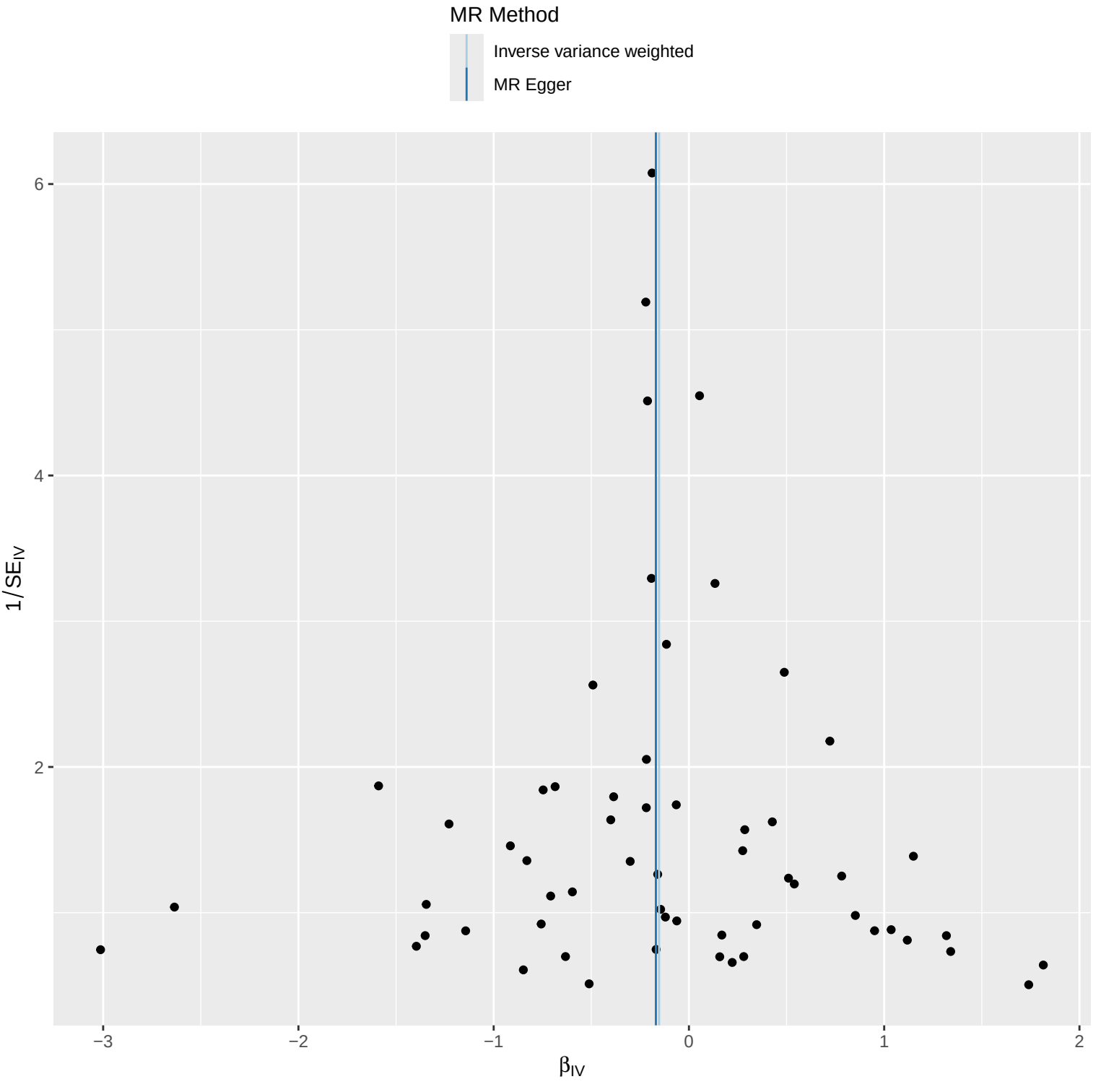

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

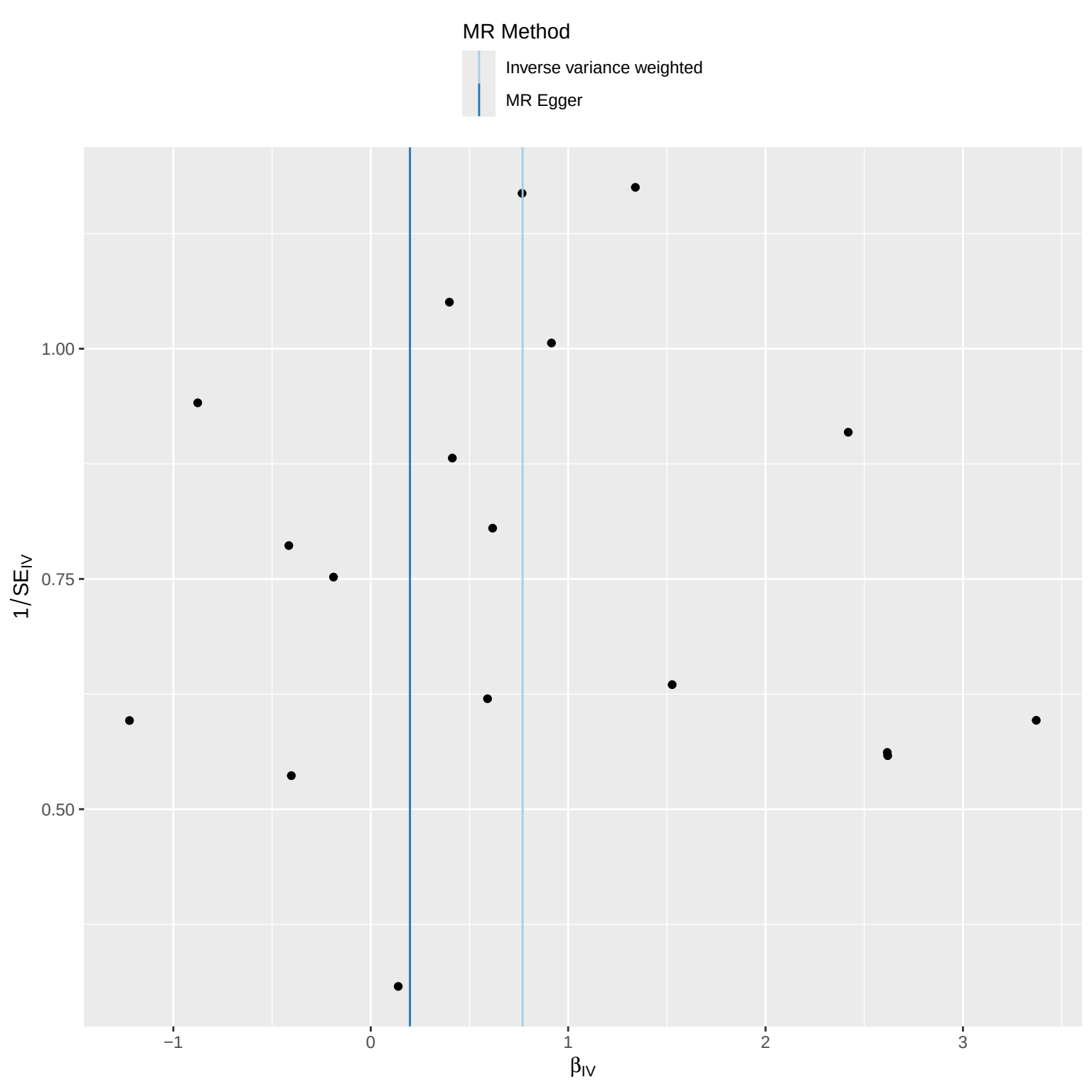

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2

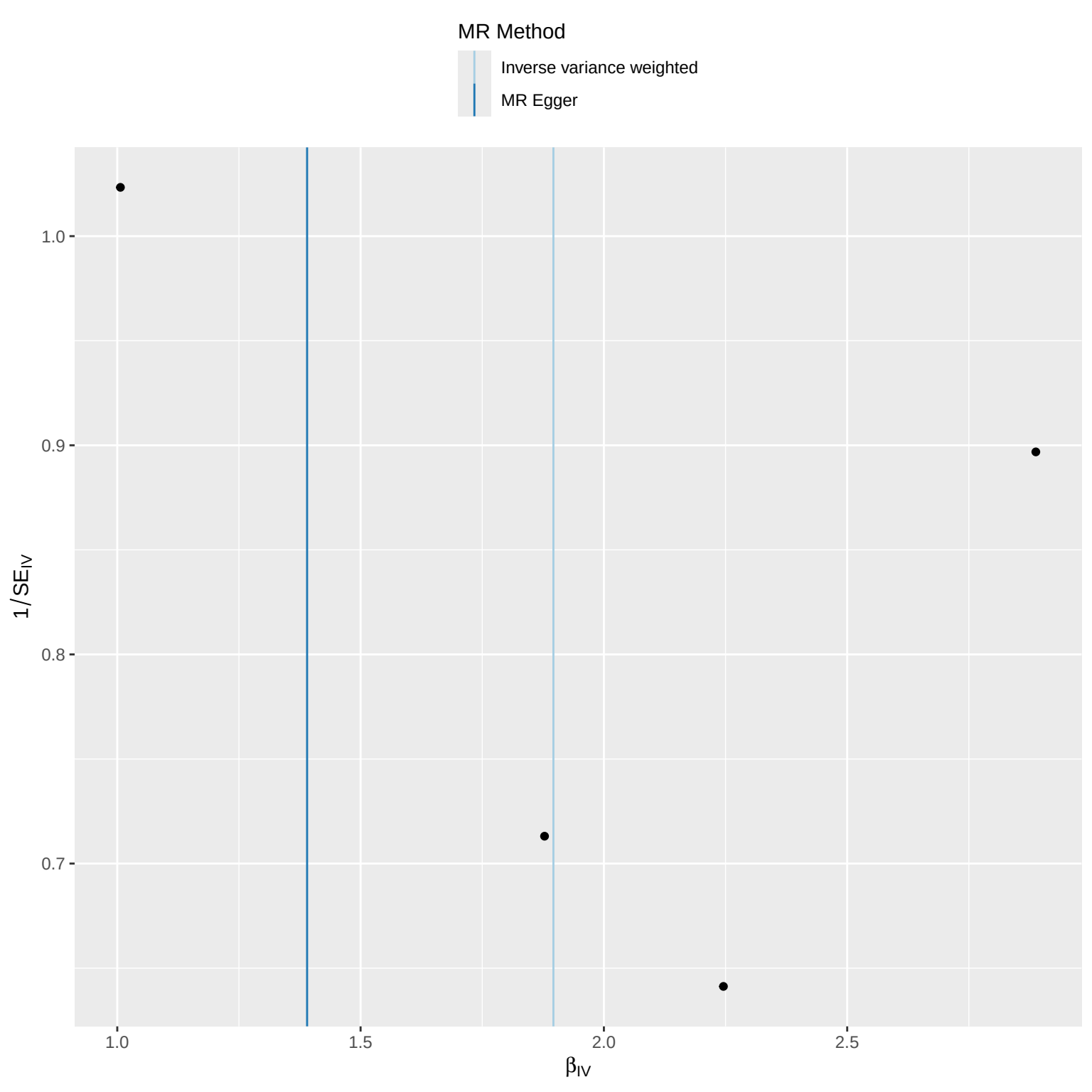

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

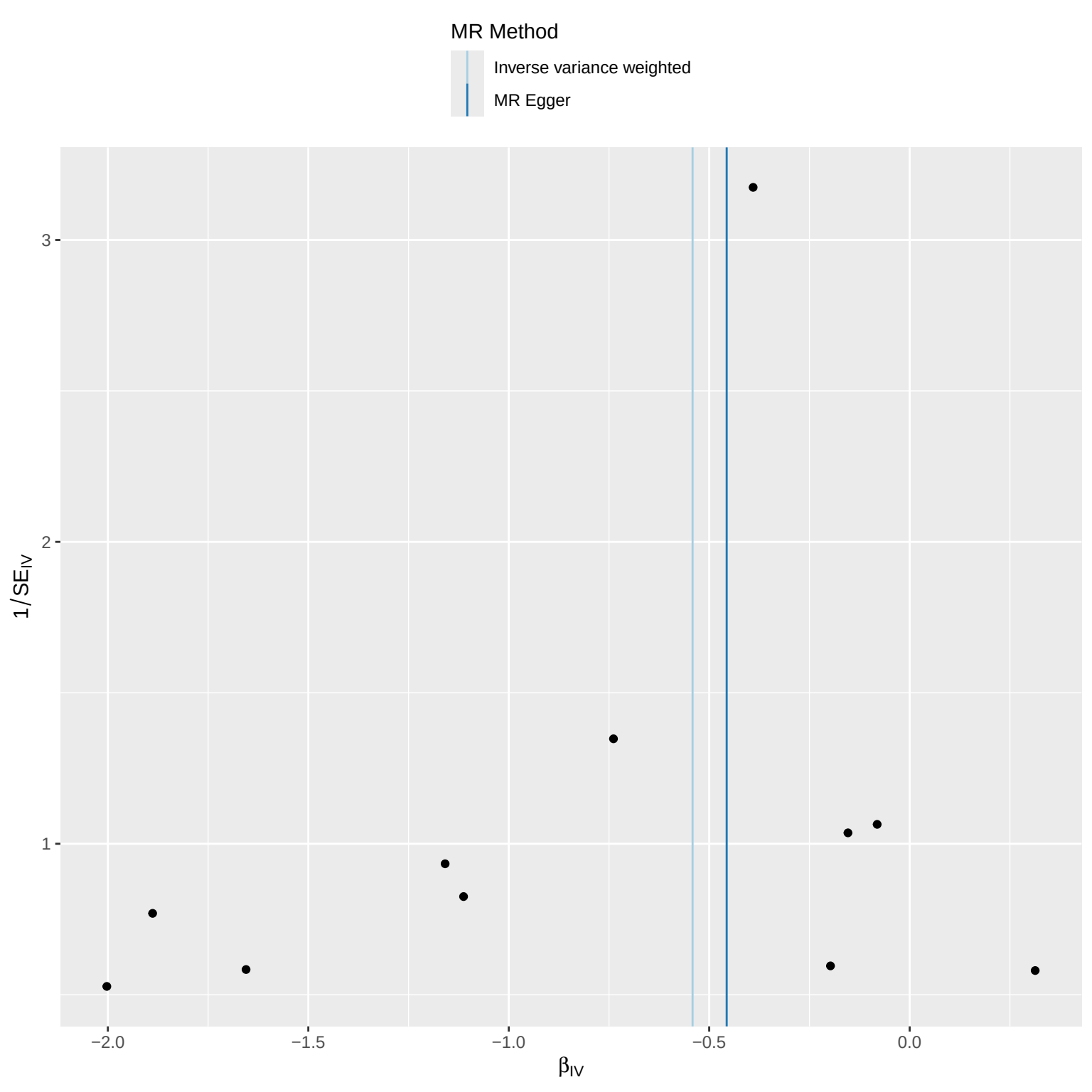

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

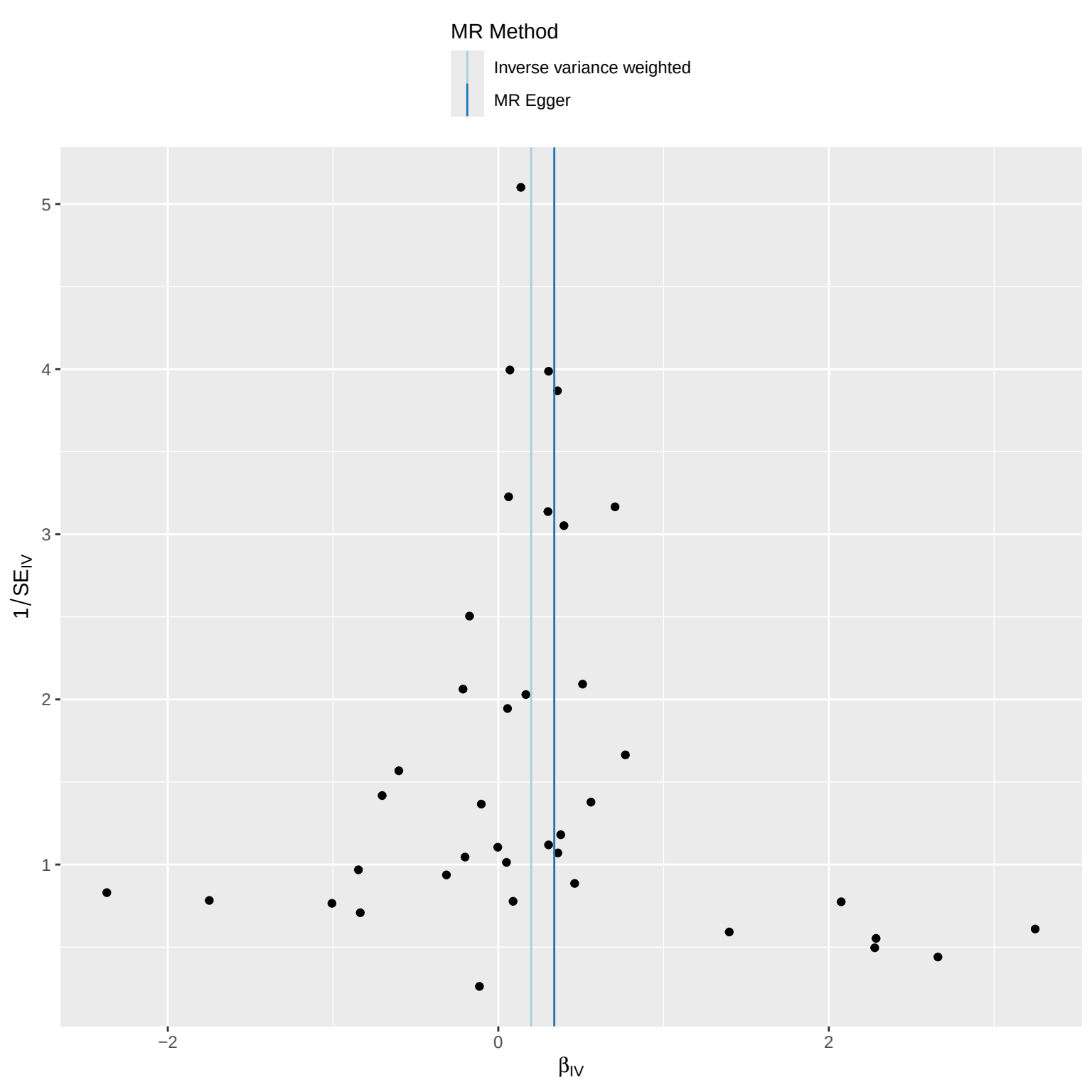

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
β_IV

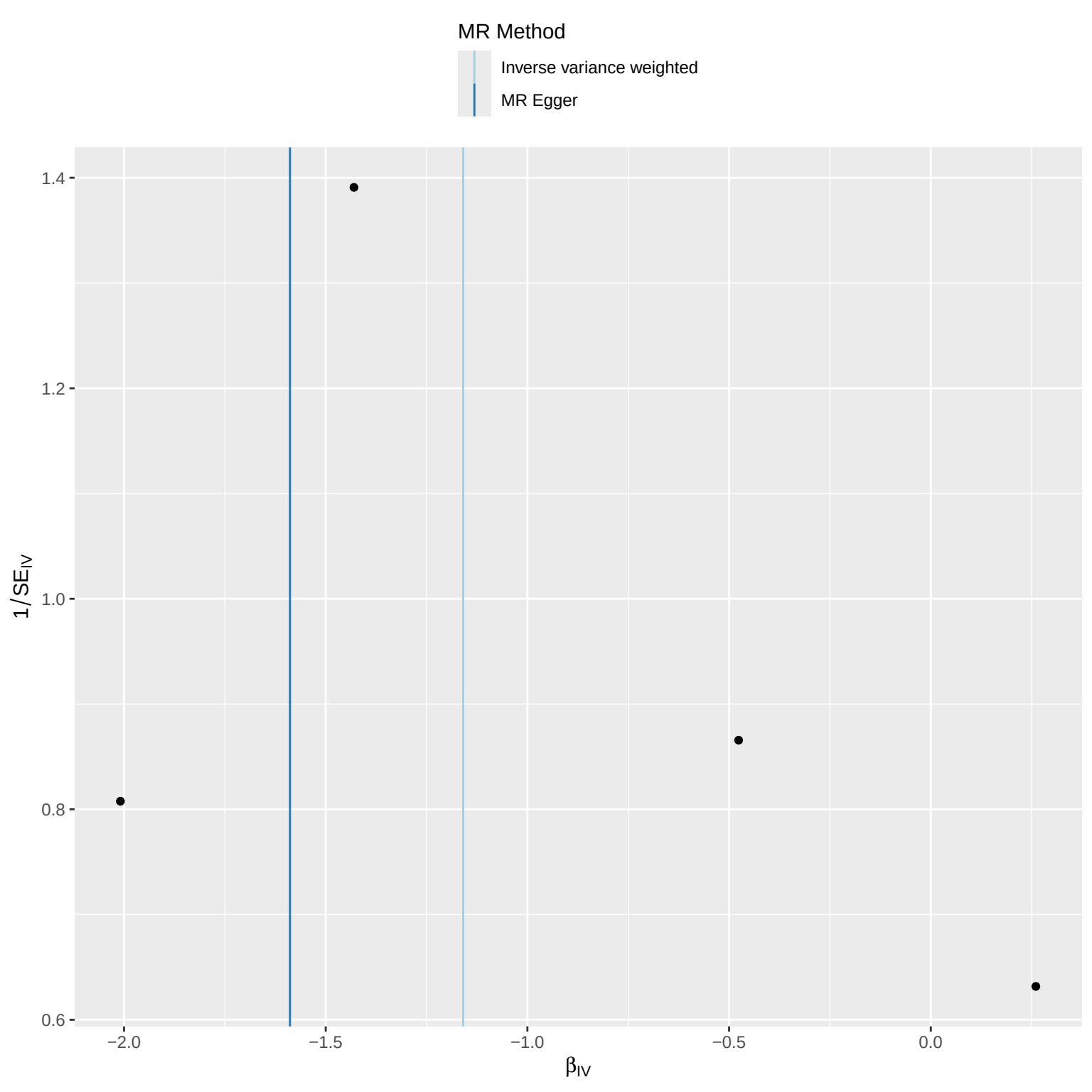

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

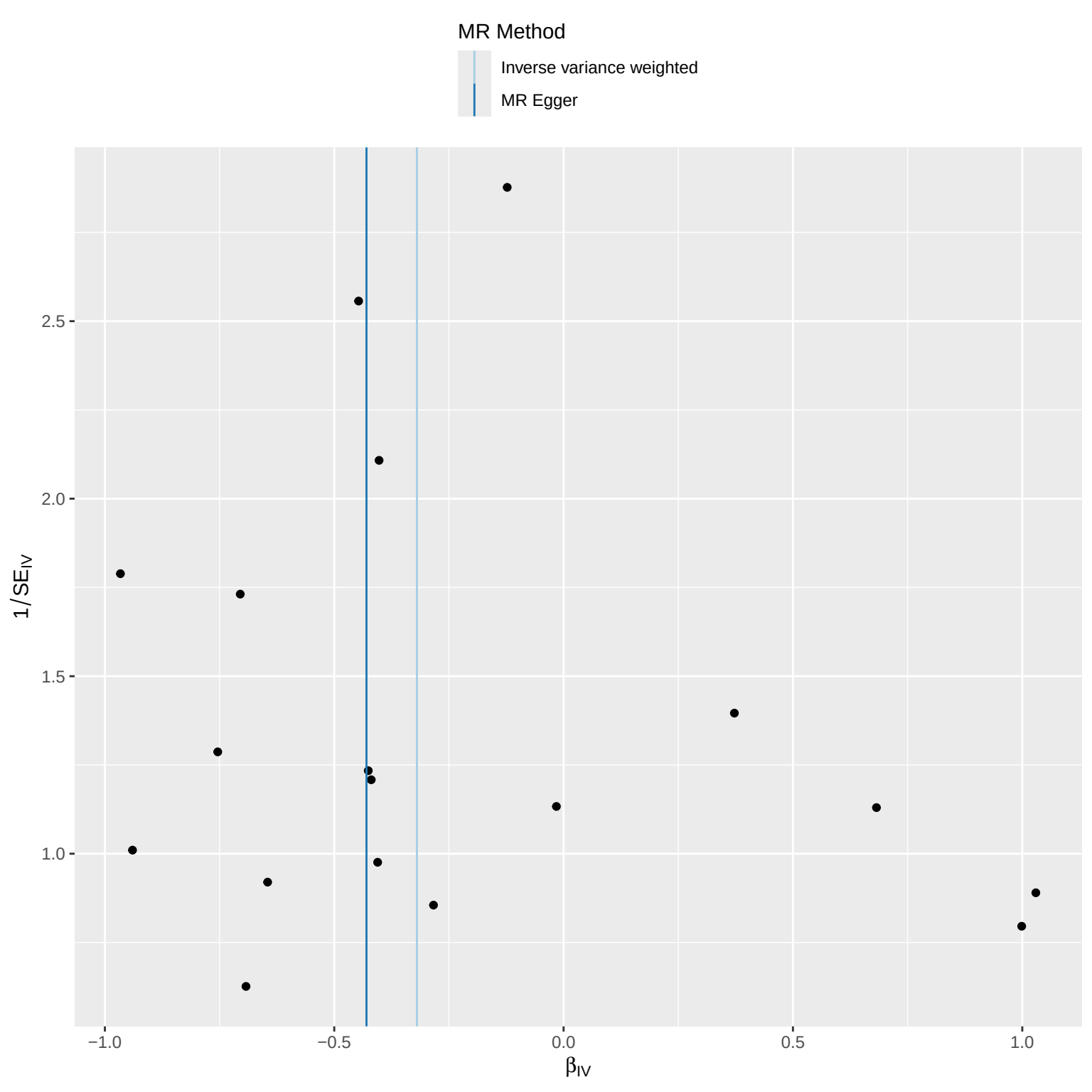

MR Method
Inverse variance weighted
MR Egger
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
3
β_IV

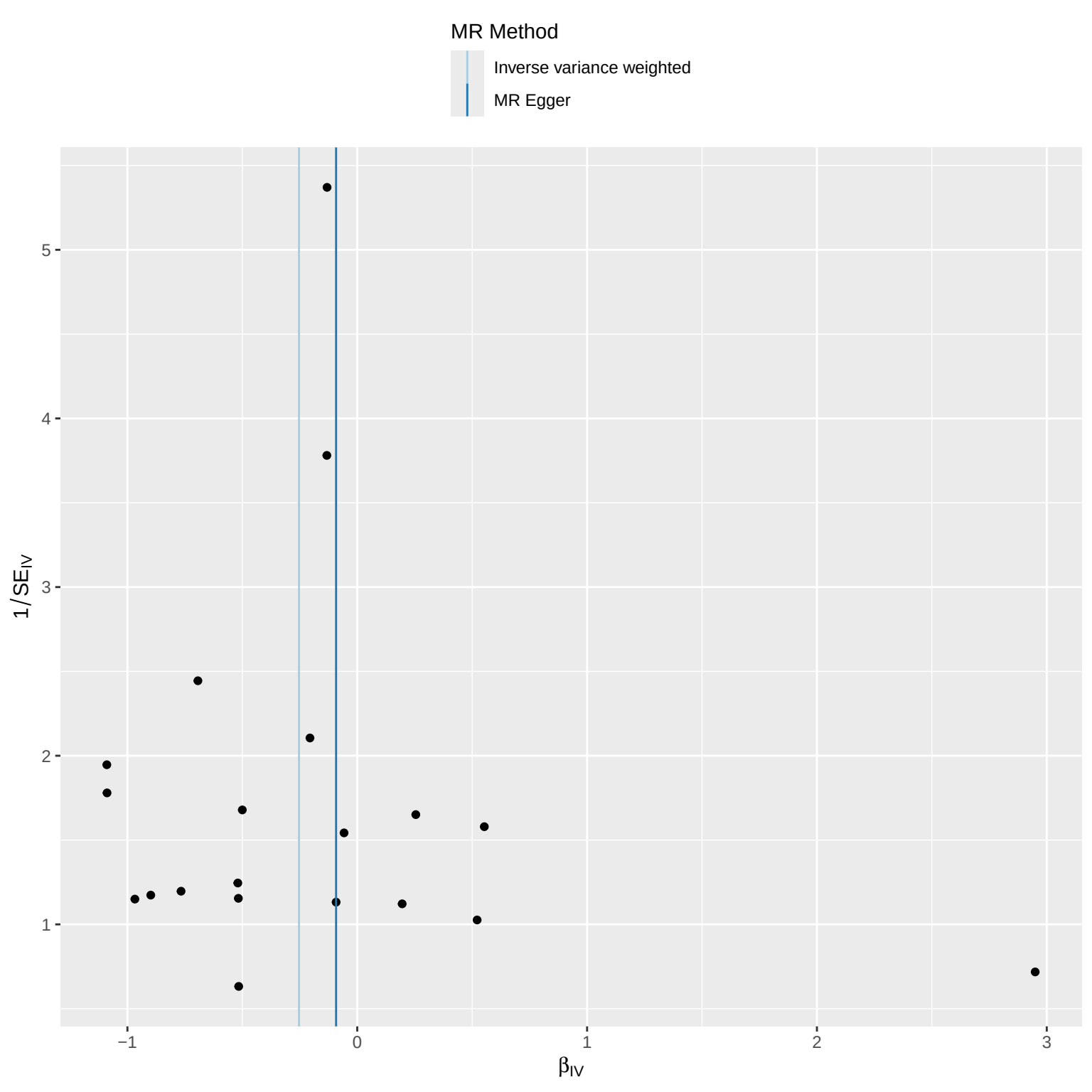

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
1/SE_IV
1.0
1.5
2.0
2.5
β_IV

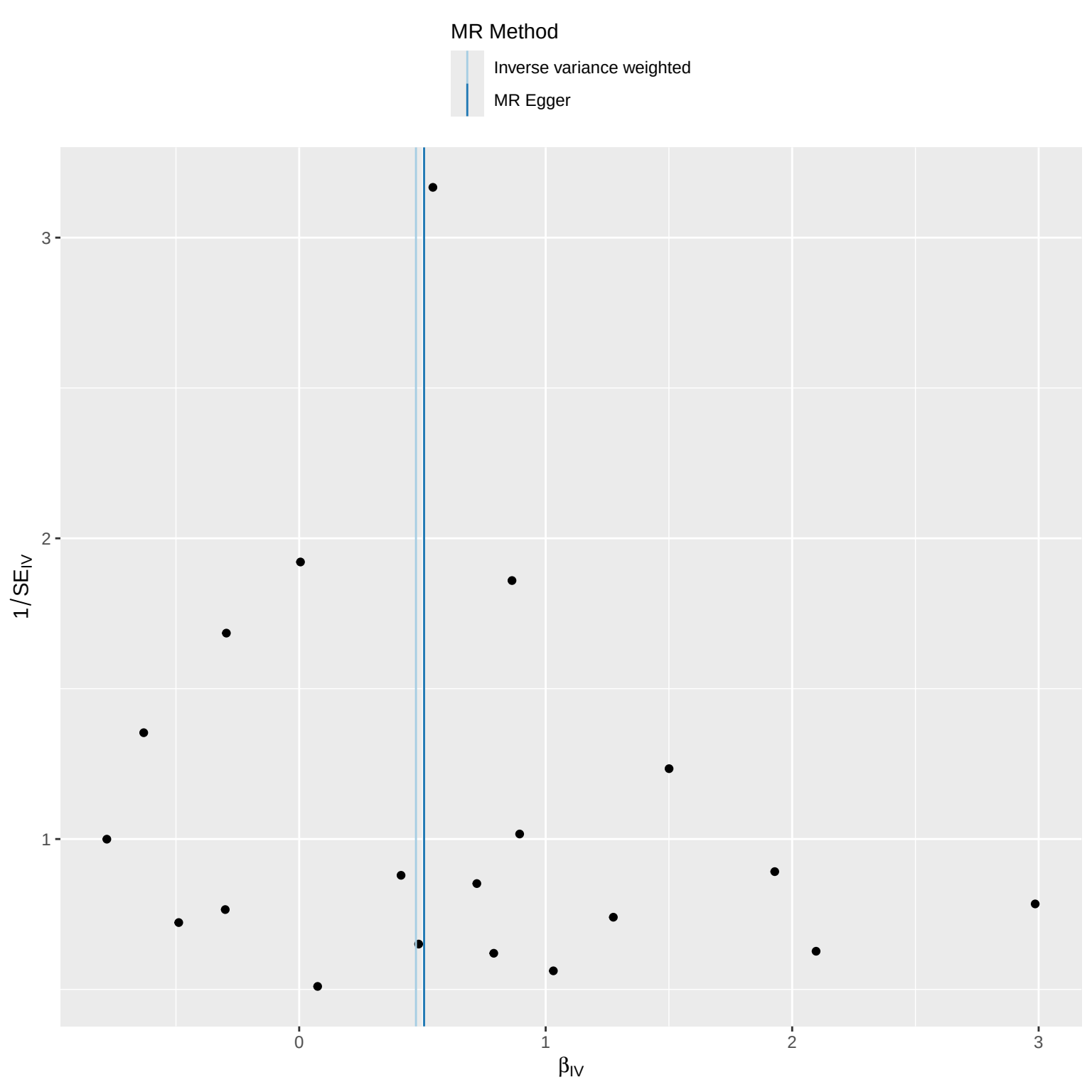

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

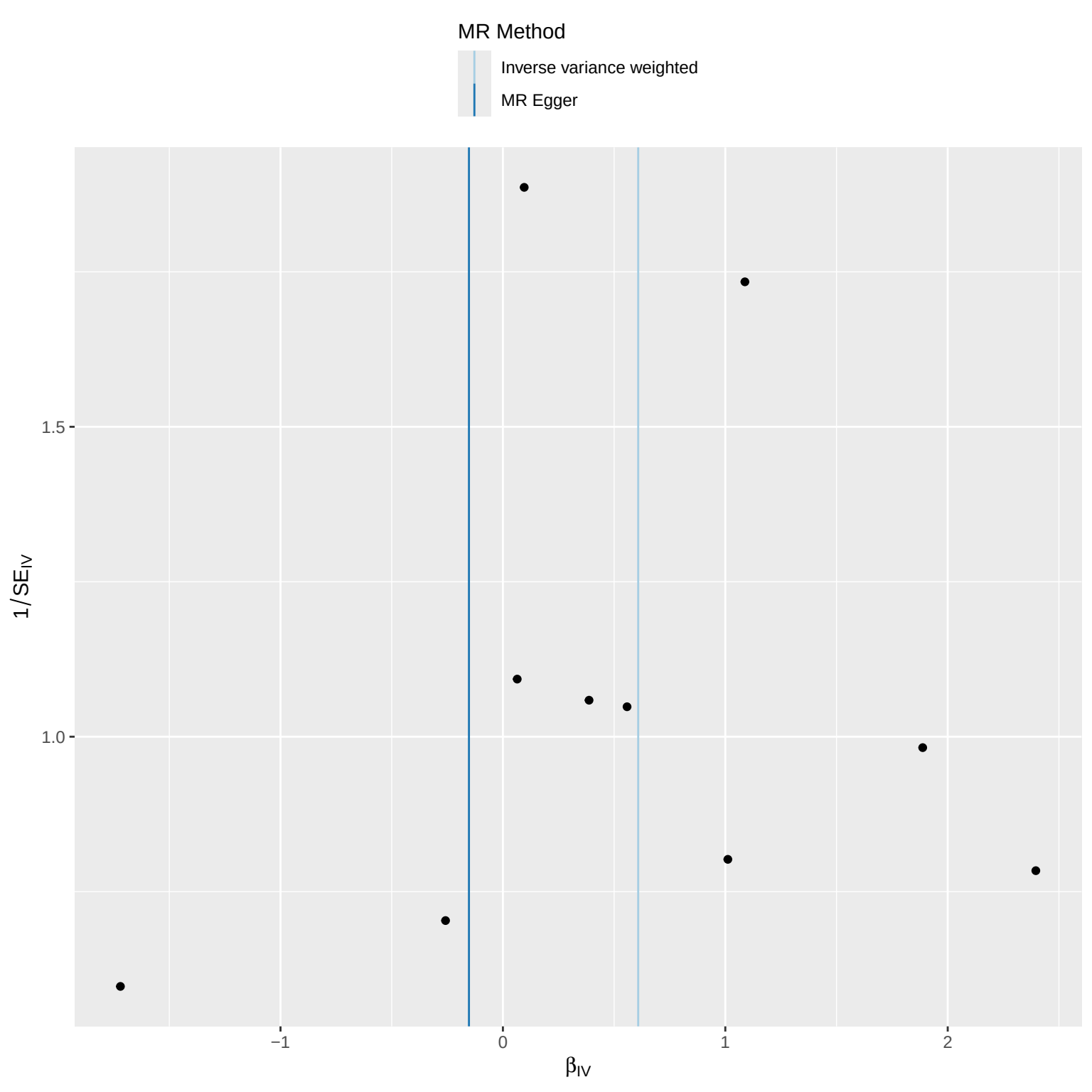

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

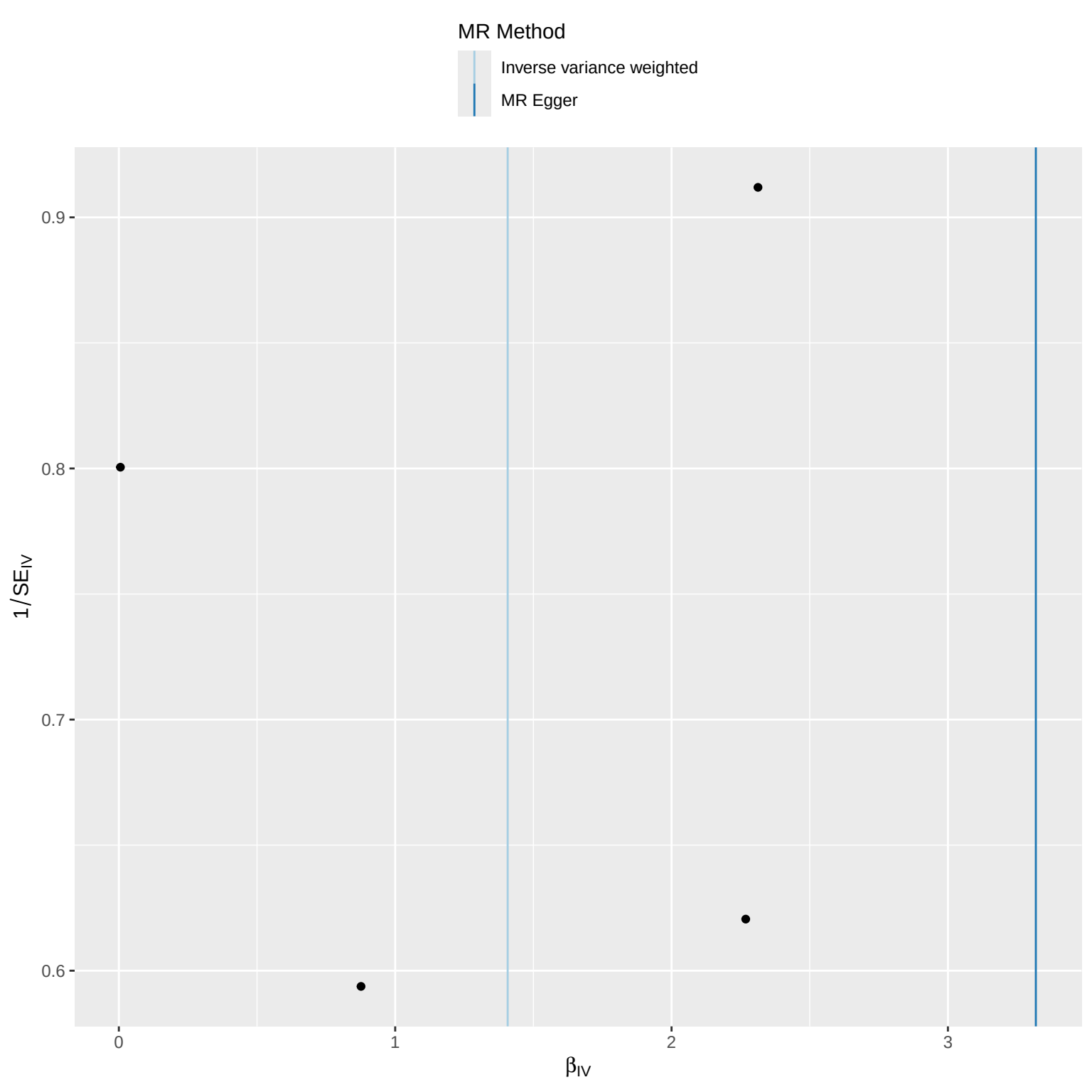

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

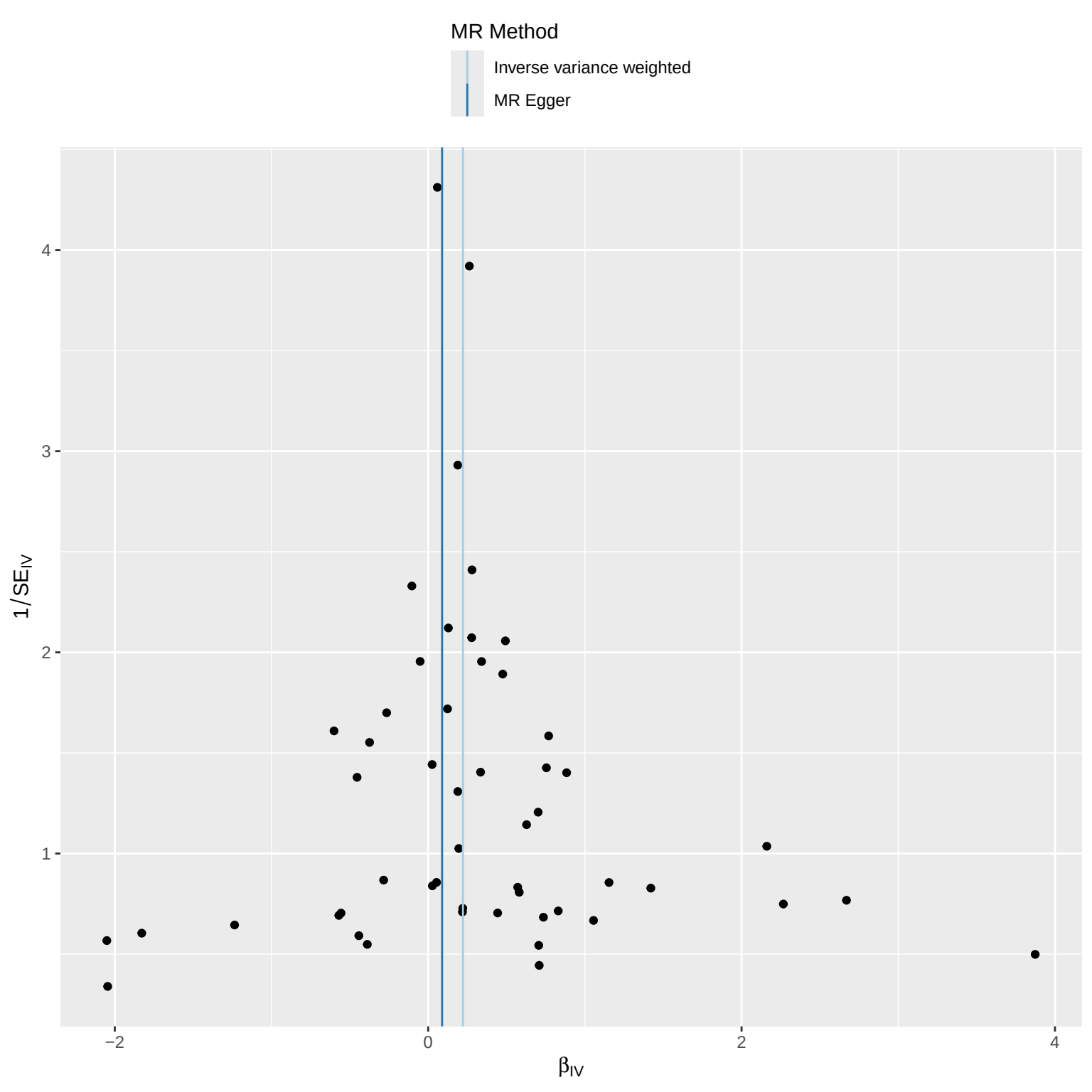

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

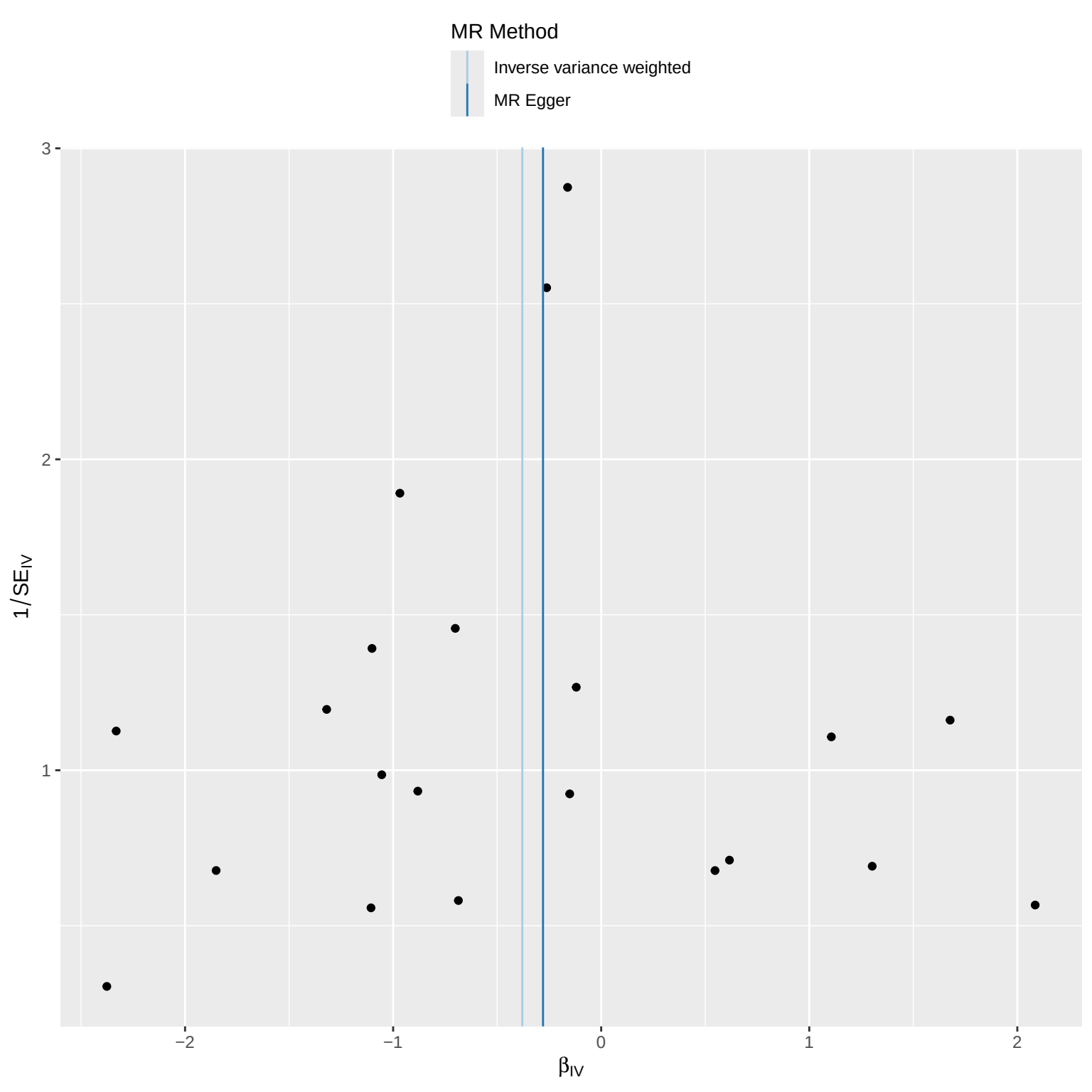

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

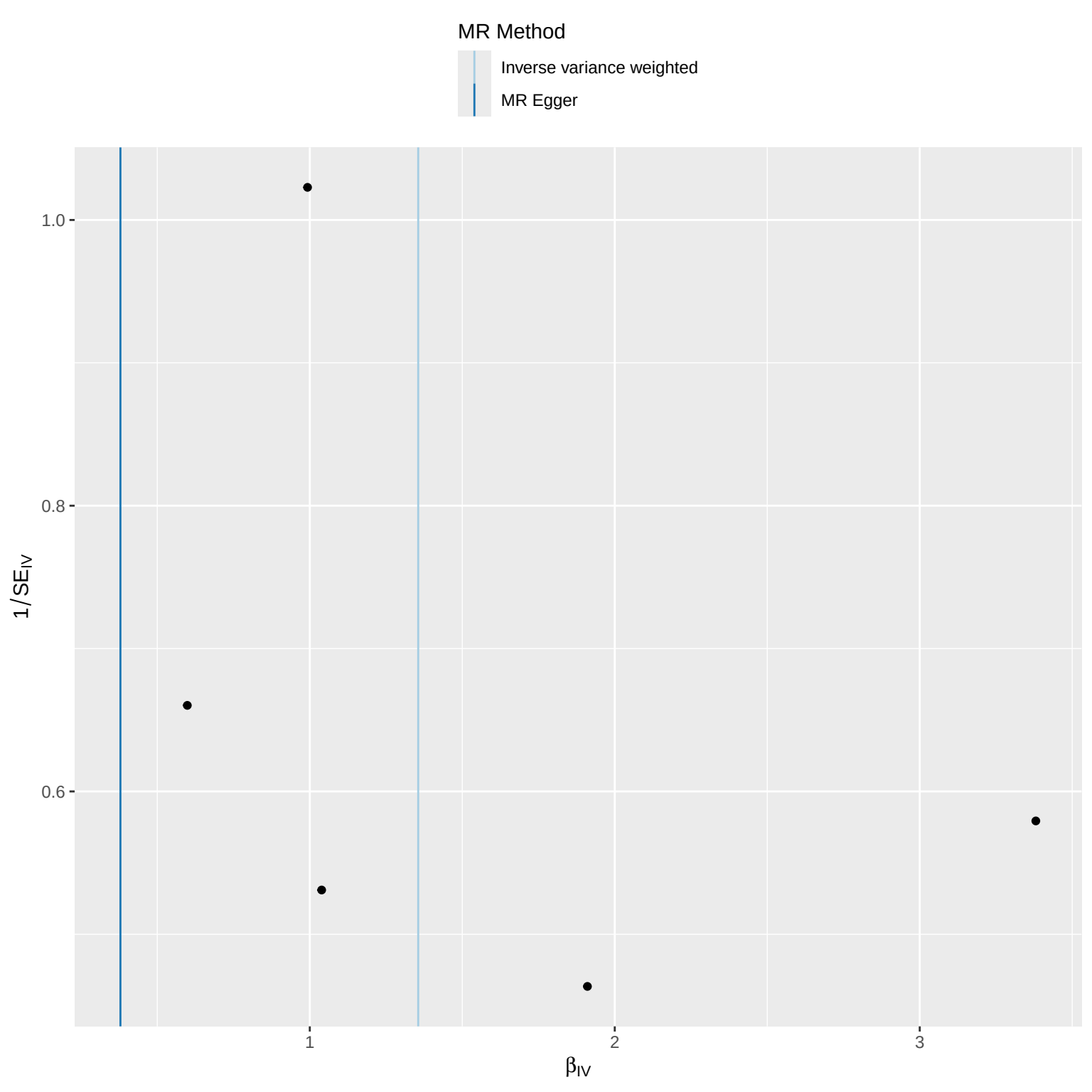

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0
1
2
3
β_IV

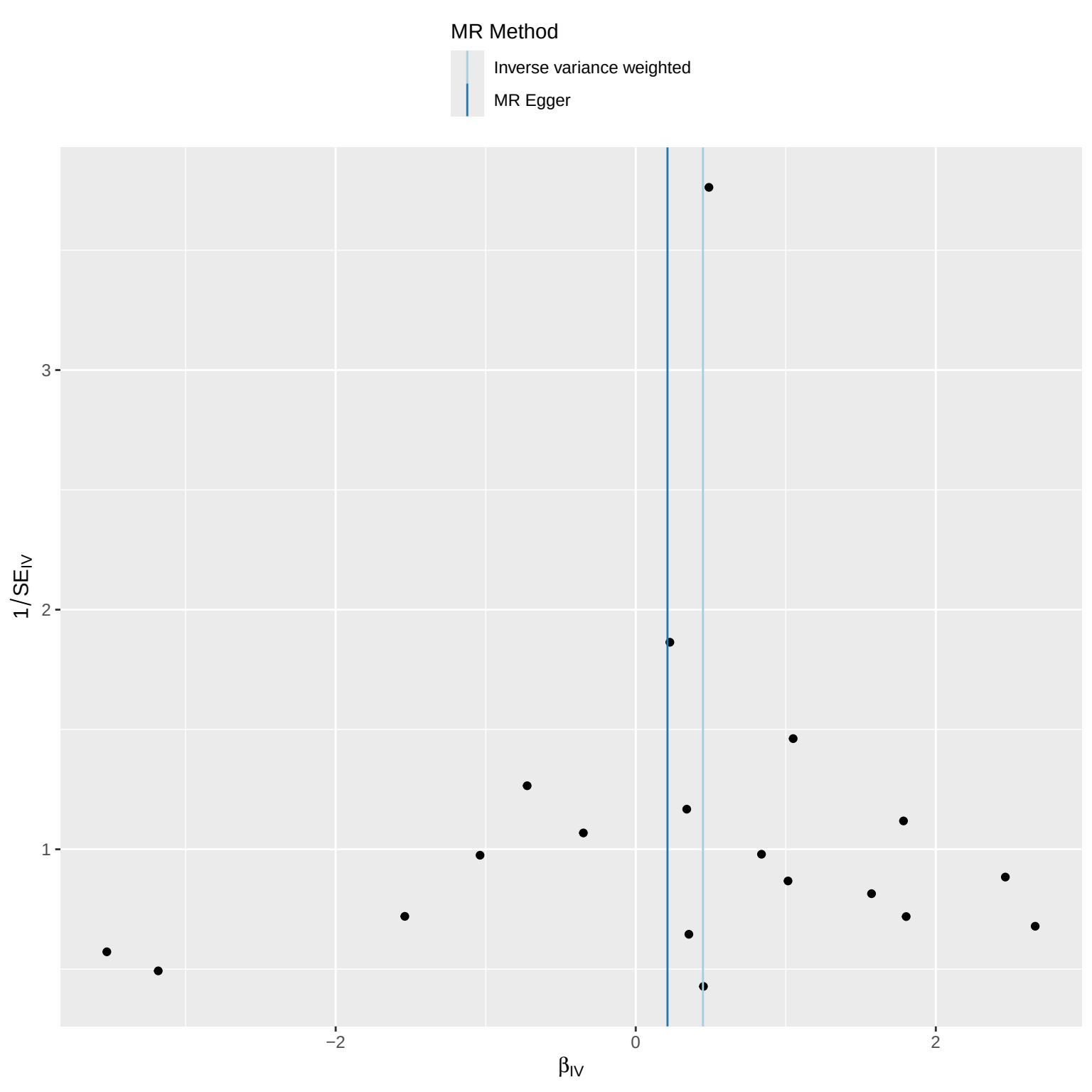

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

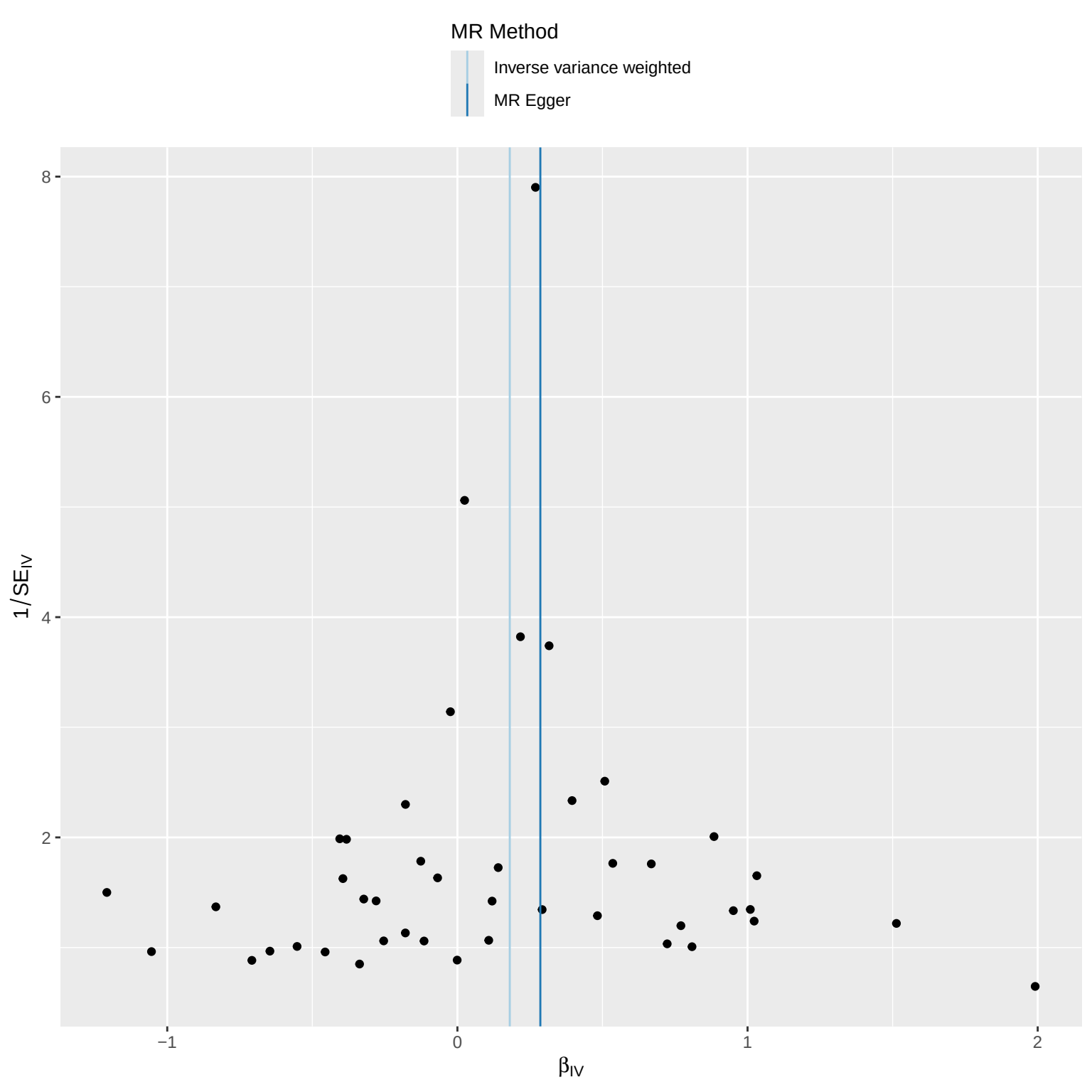

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
1/SE_IV
0
1
2
3
β_IV

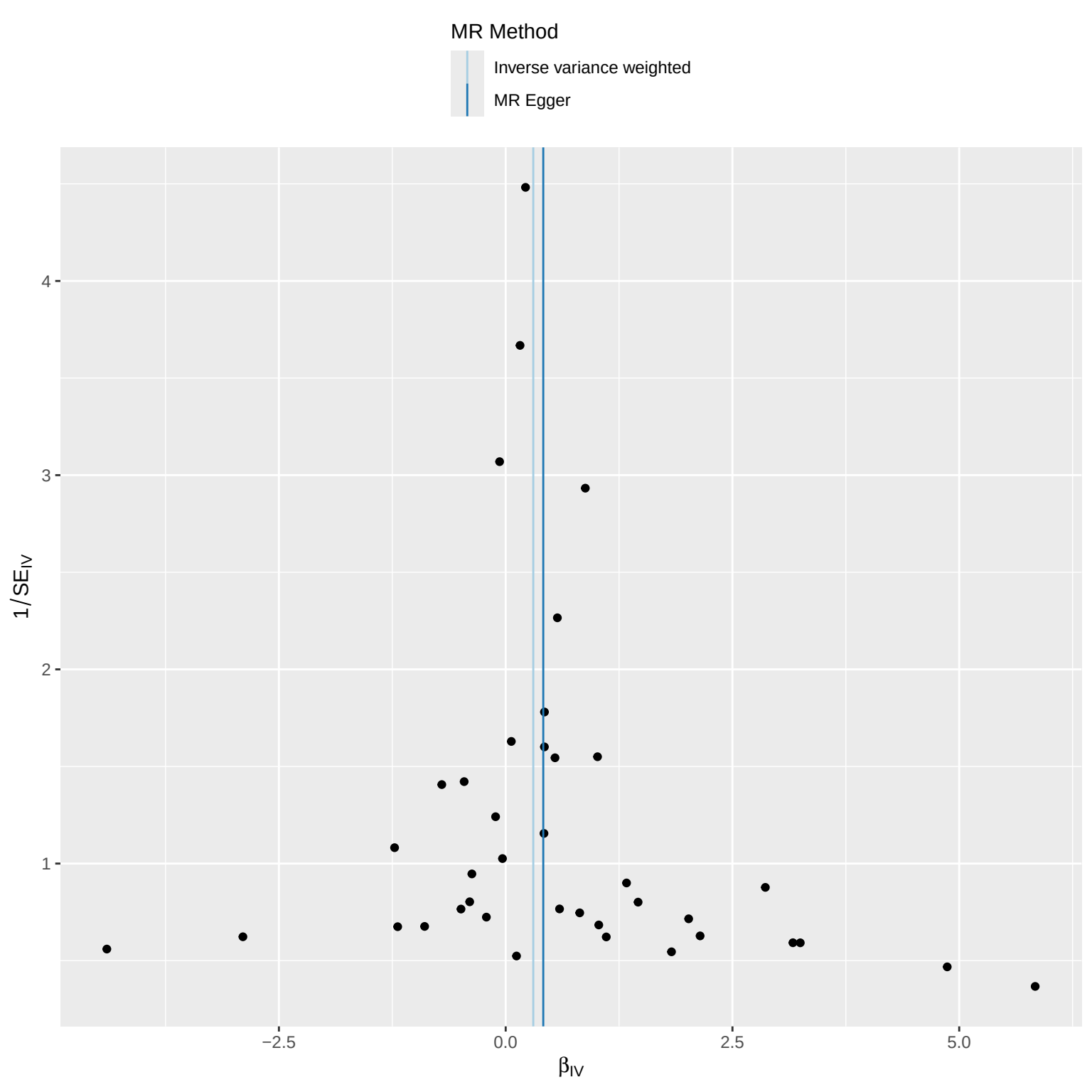

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

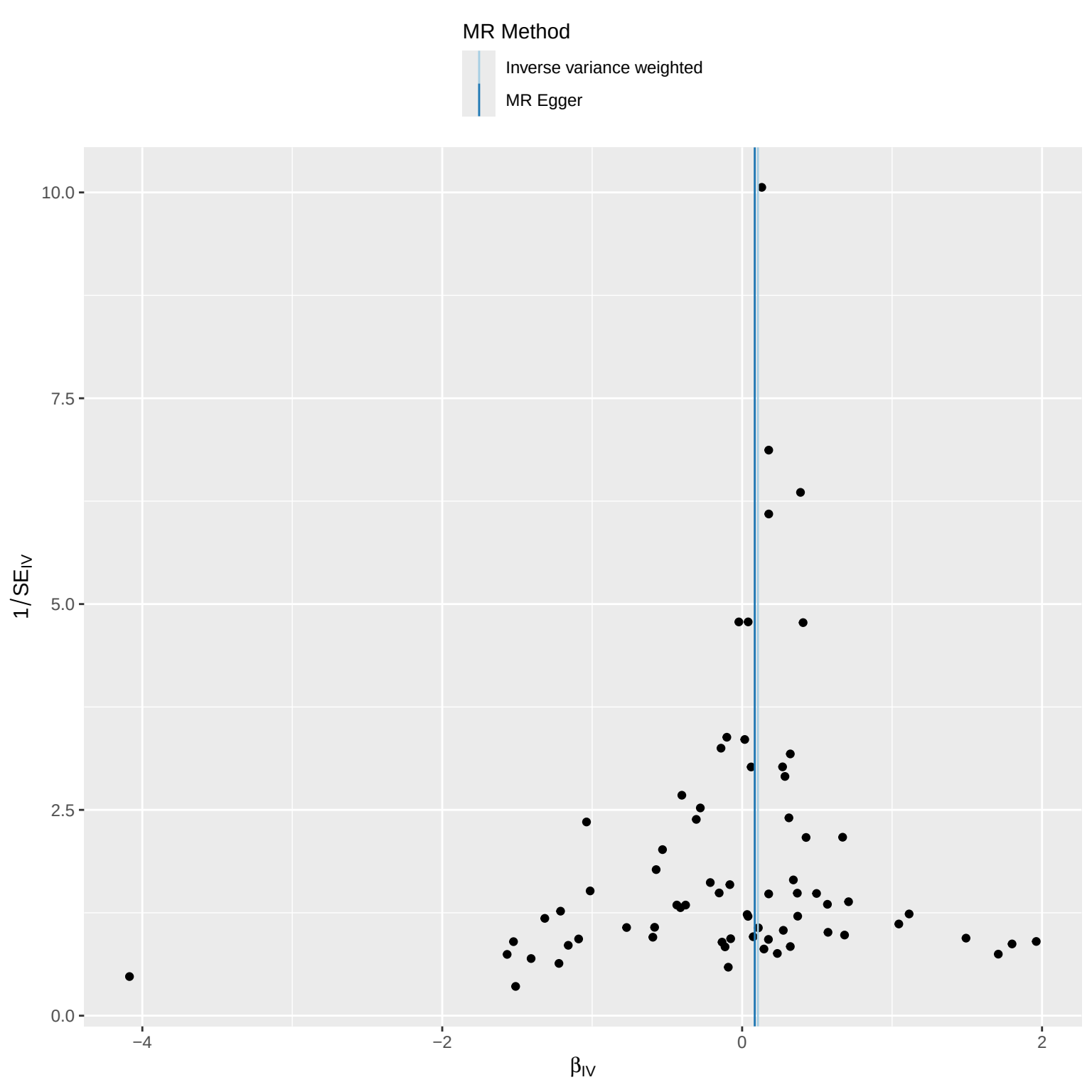

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

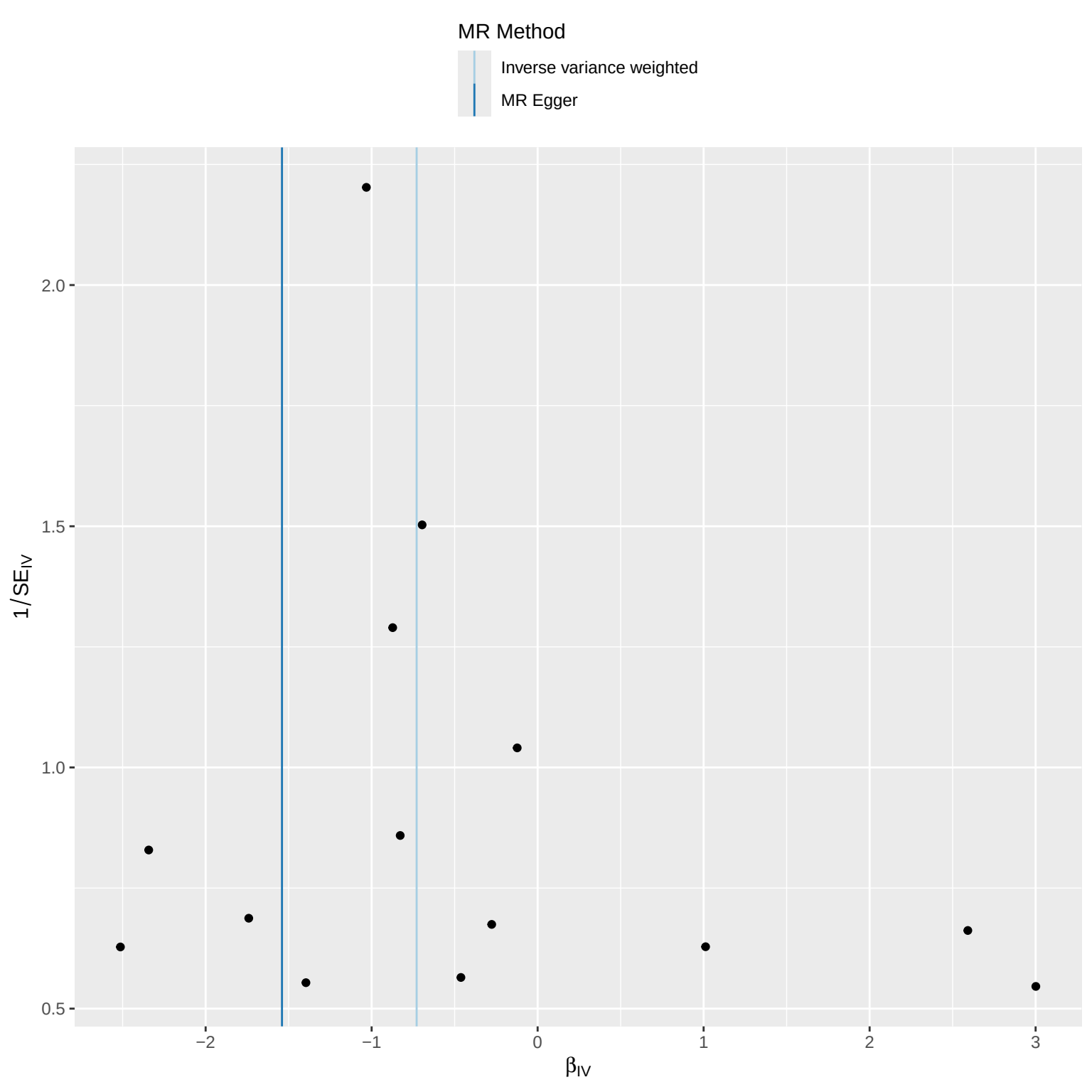

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
1
2
3
β_IV

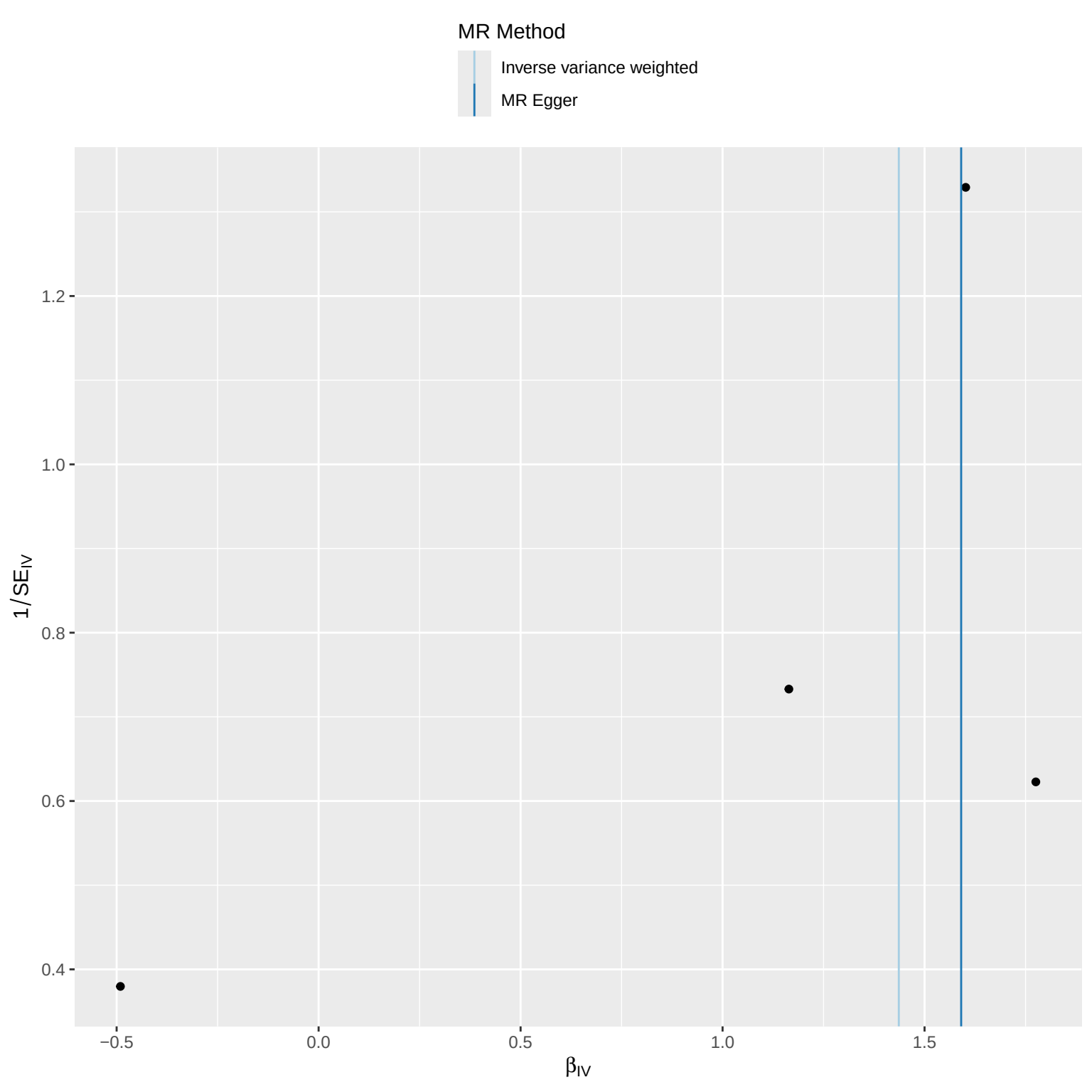

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

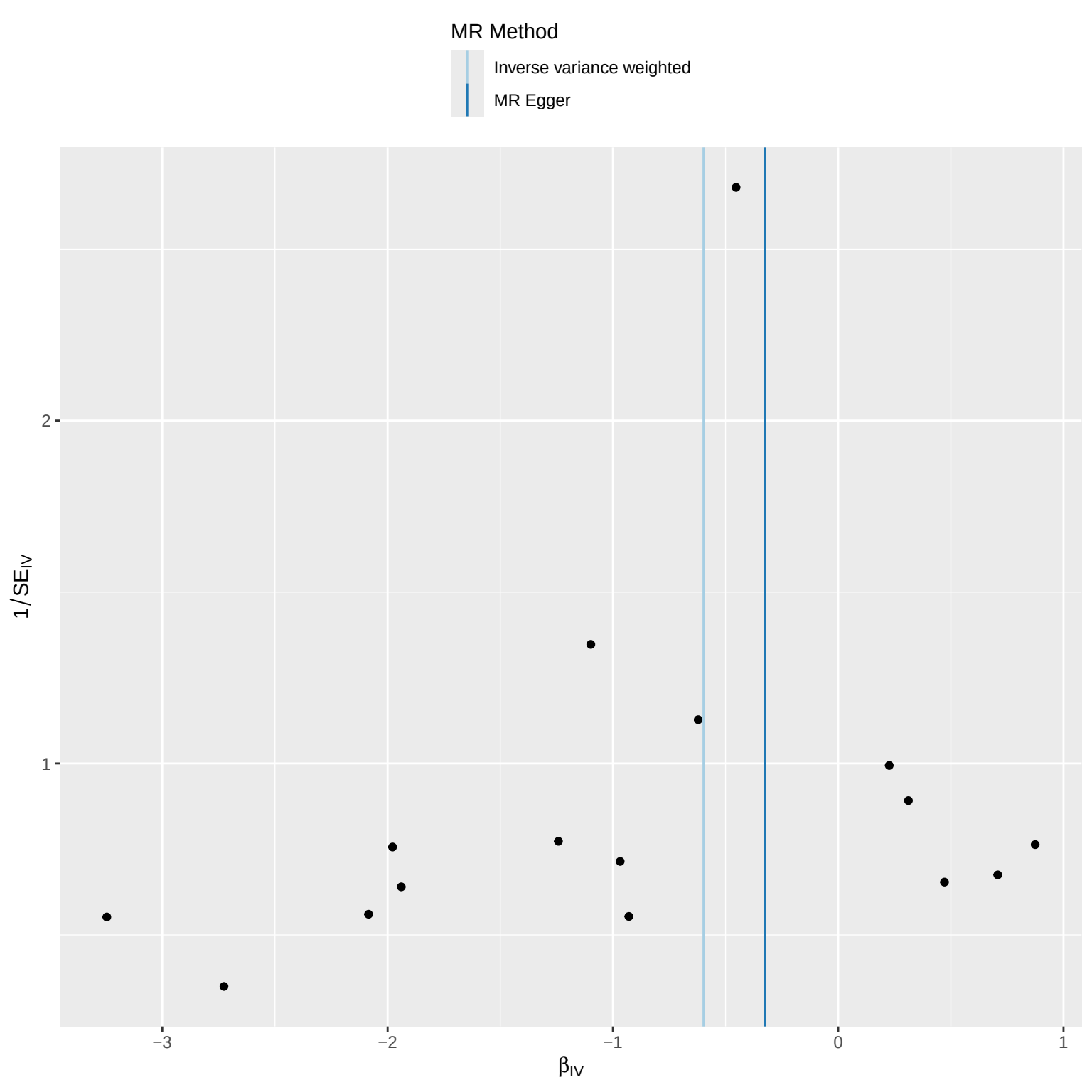

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
2
β_IV

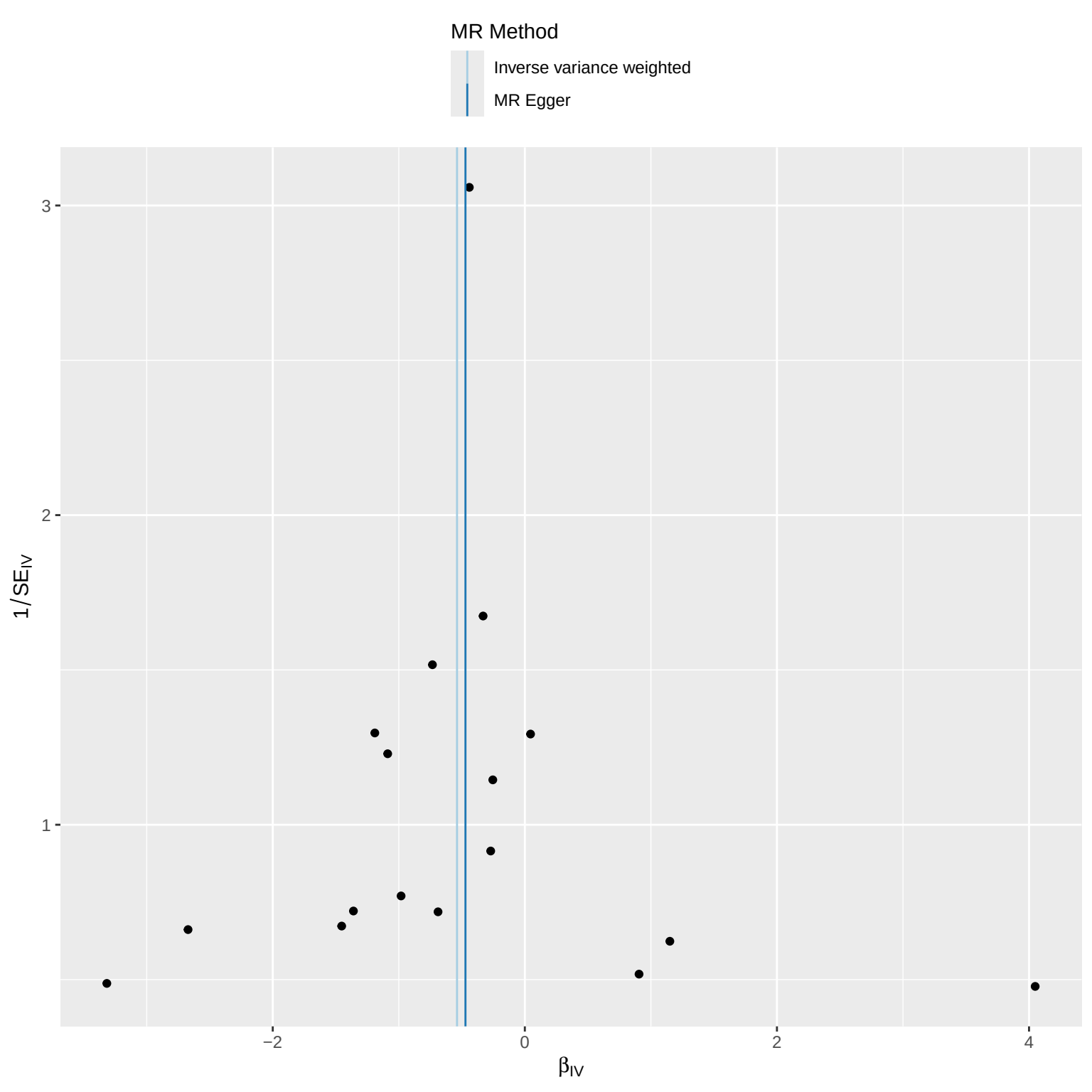

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

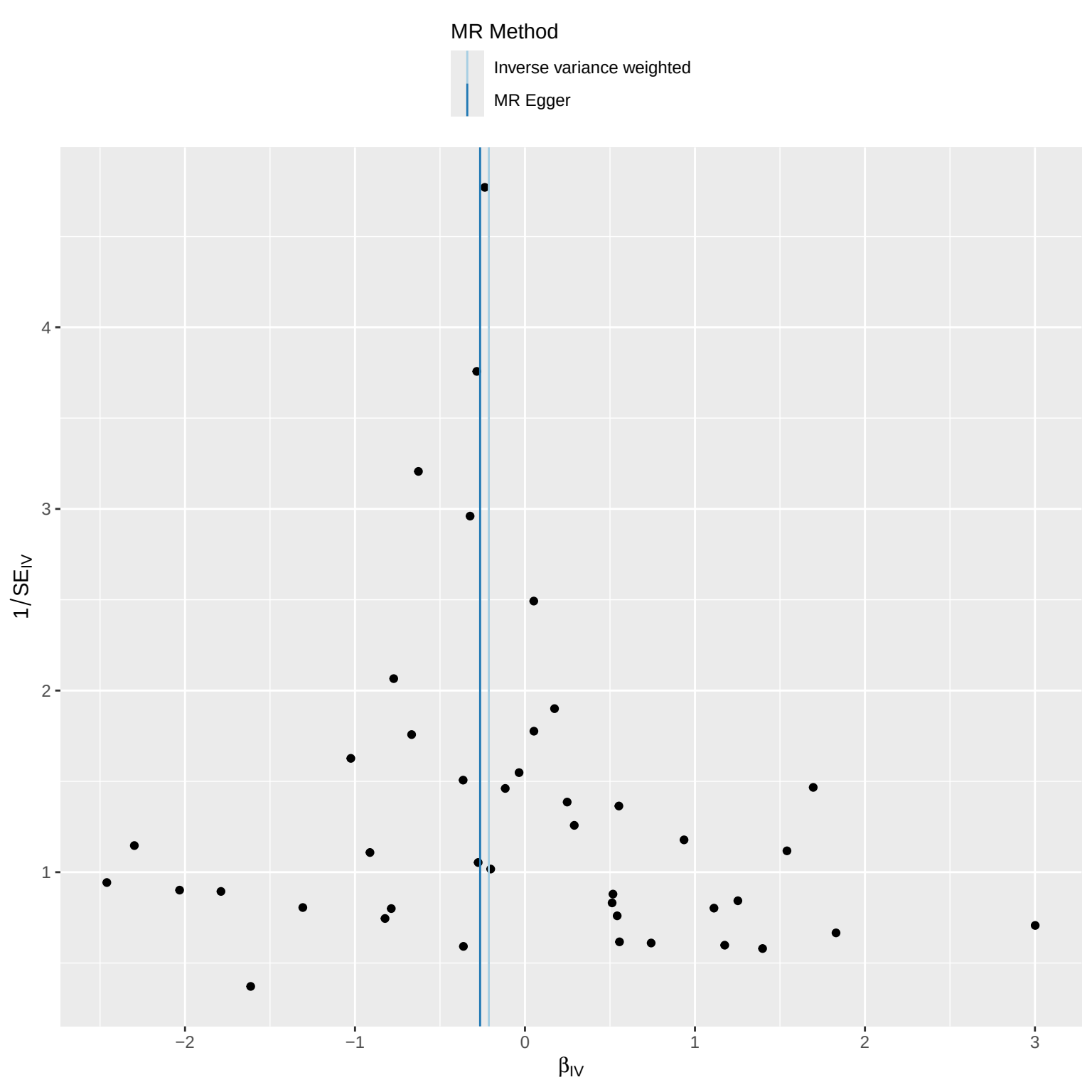

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−4
−2
0
2
β_IV

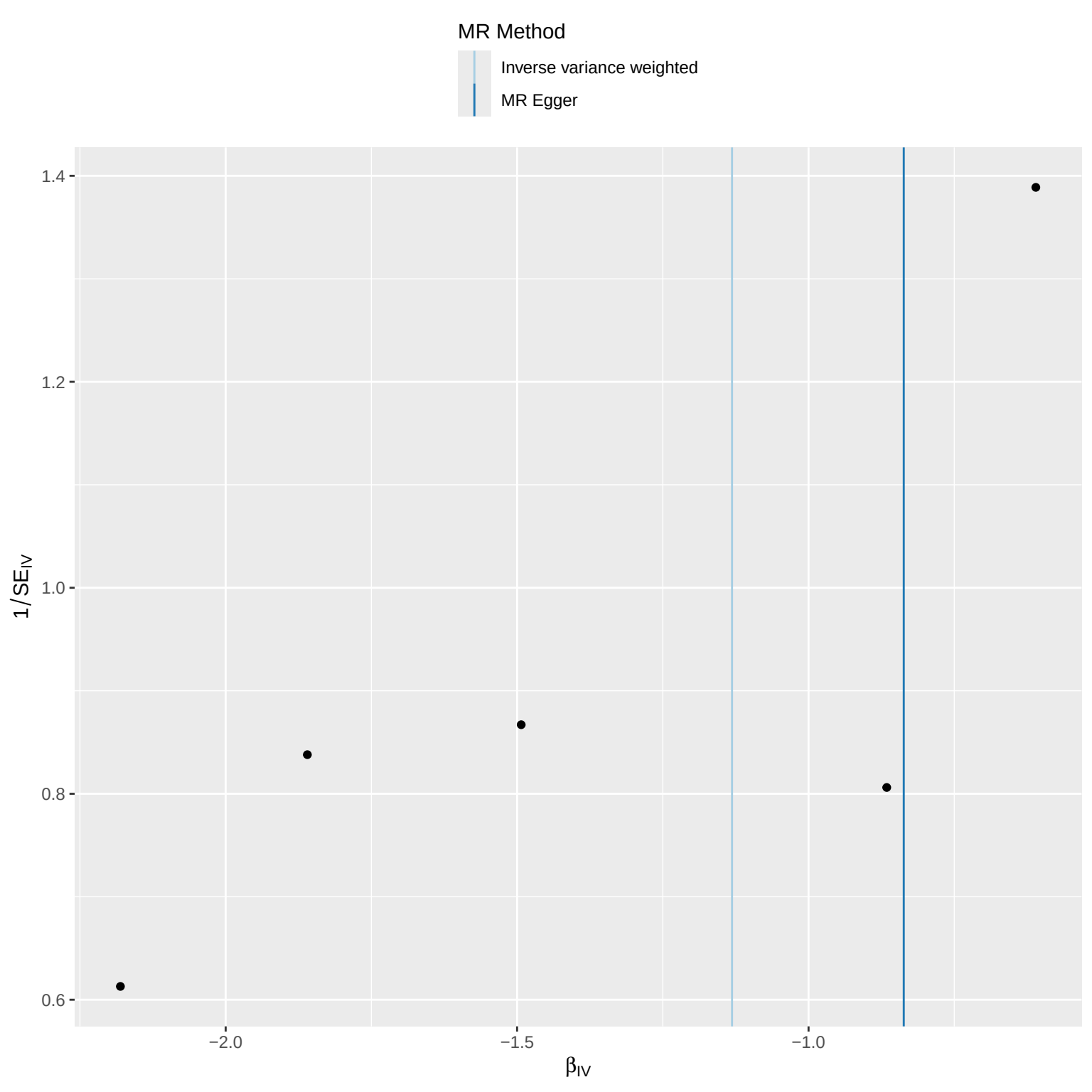

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

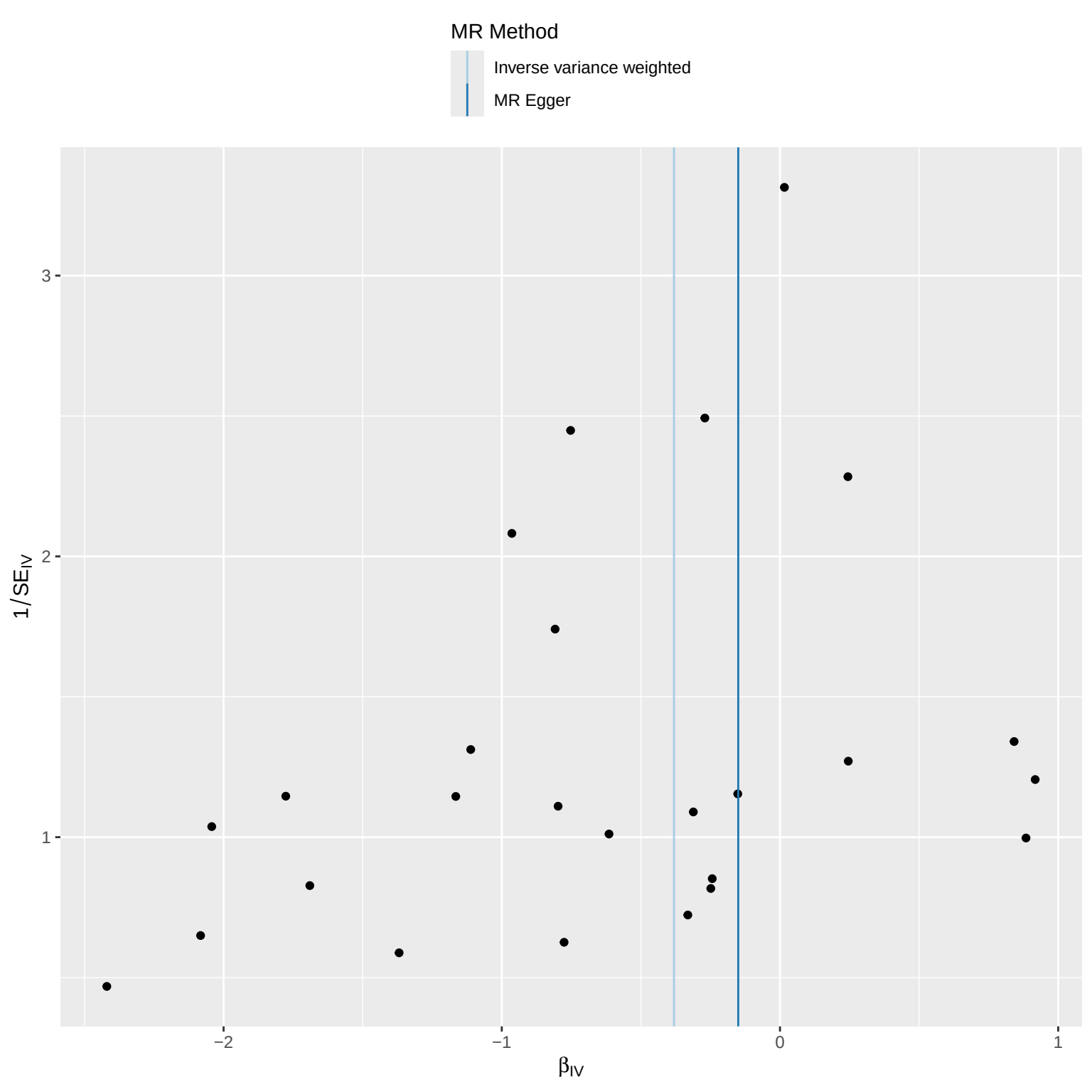

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

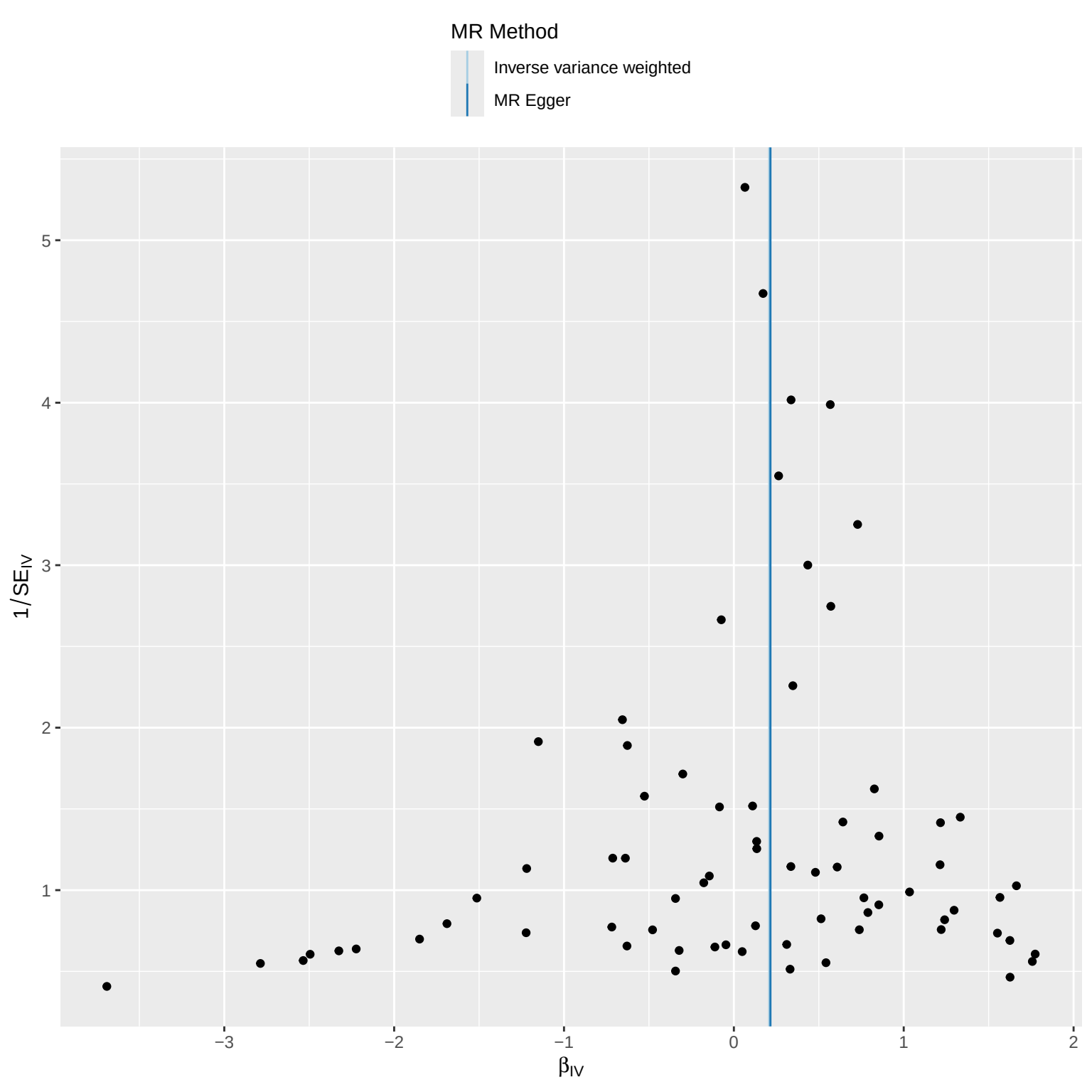

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

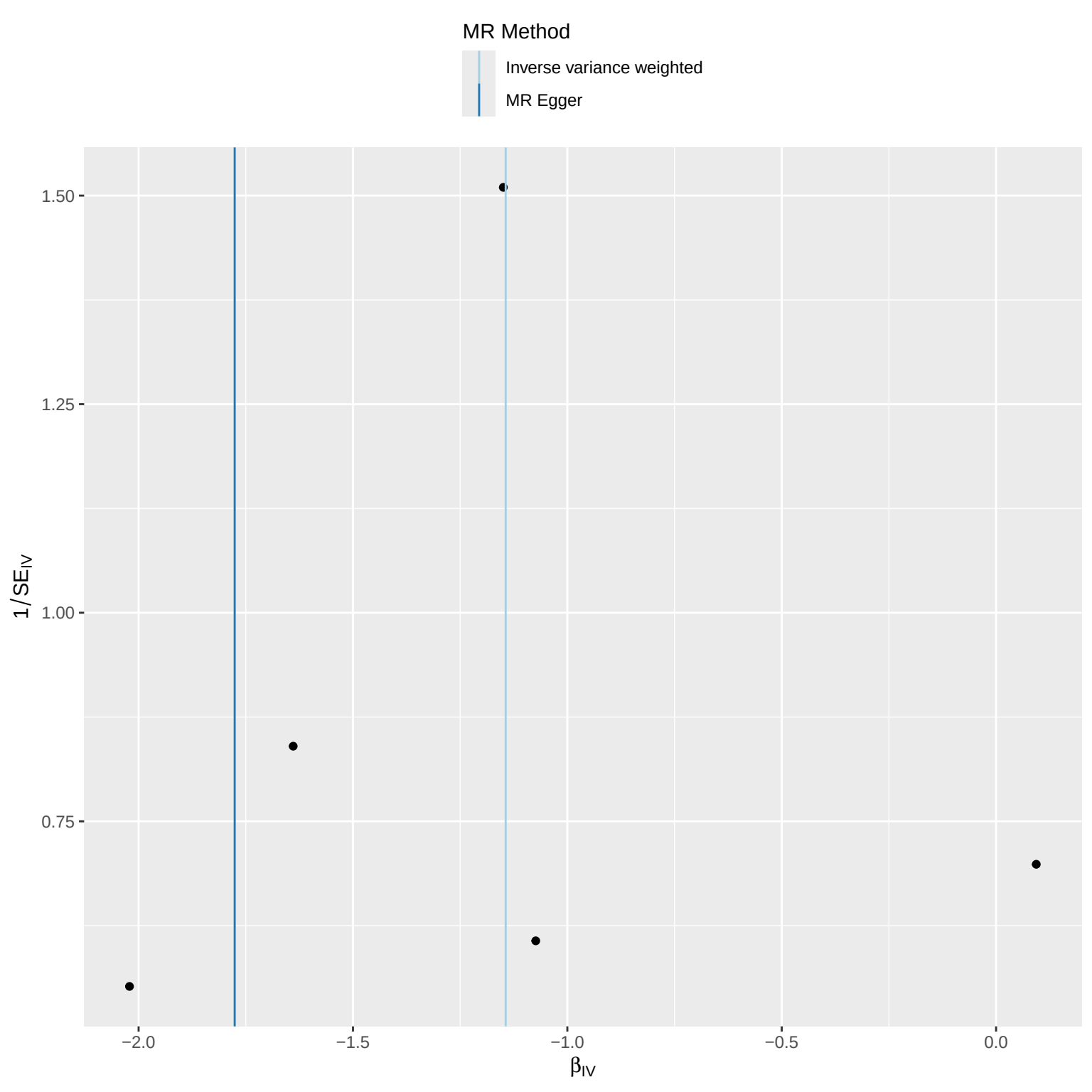

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

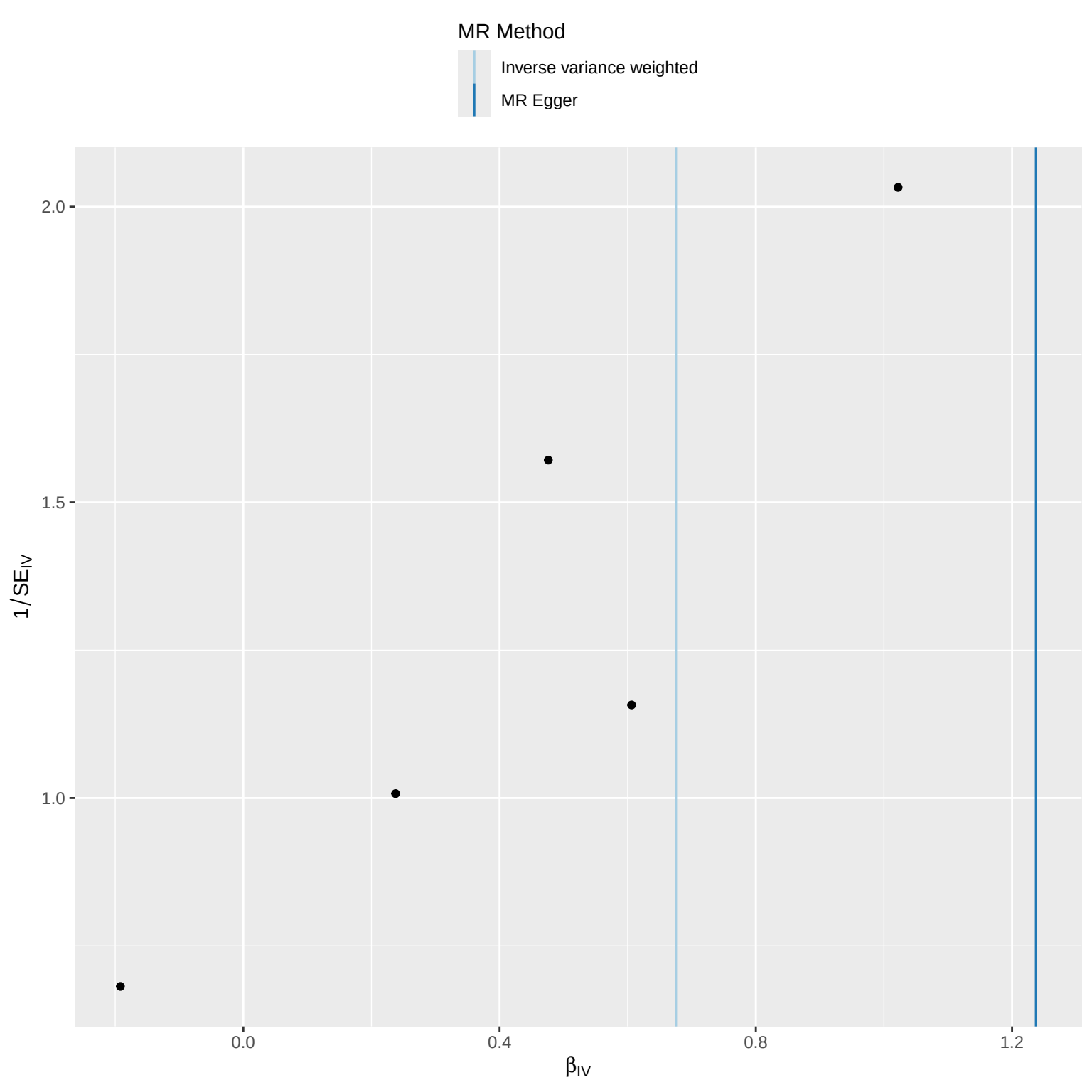

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2
3

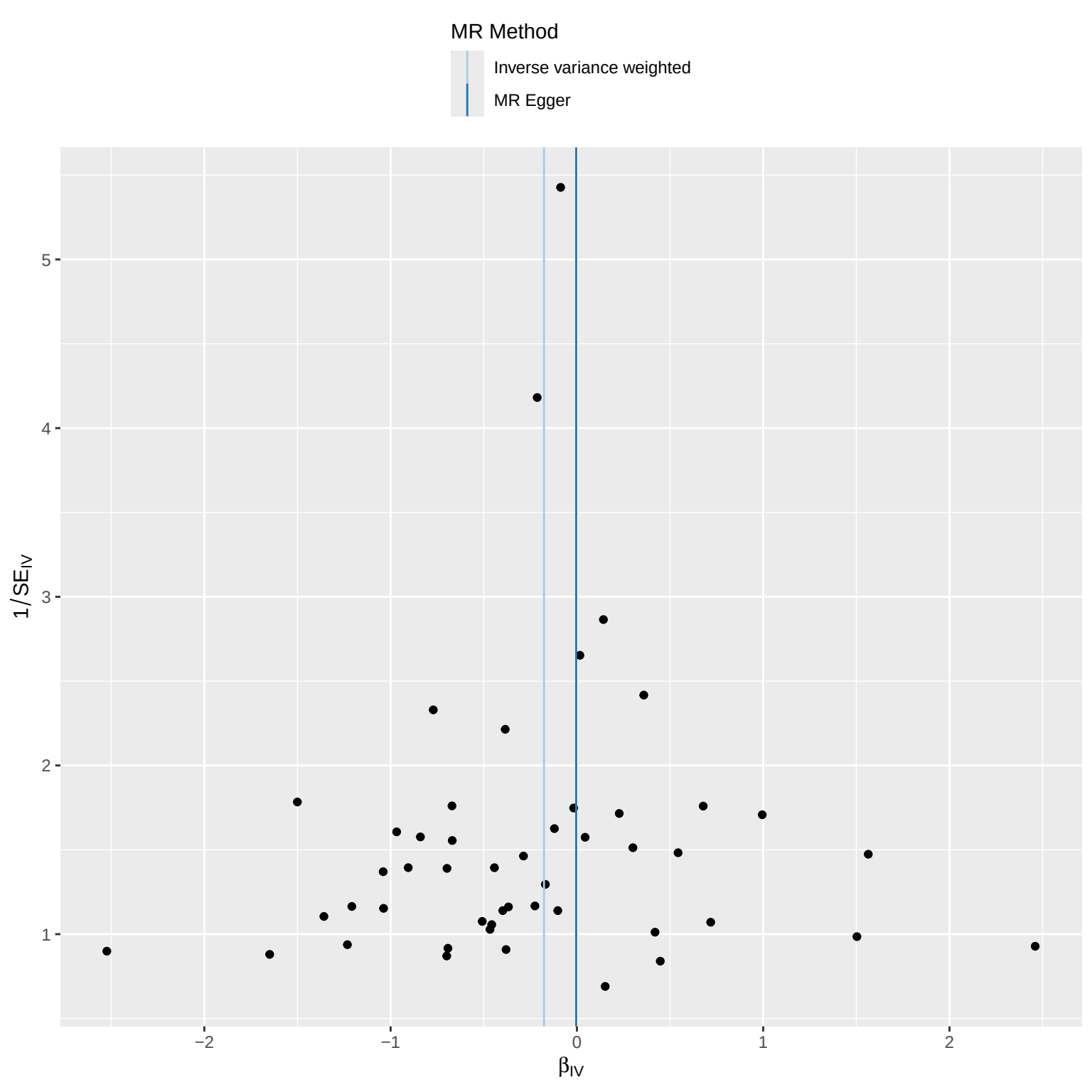

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
β_IV

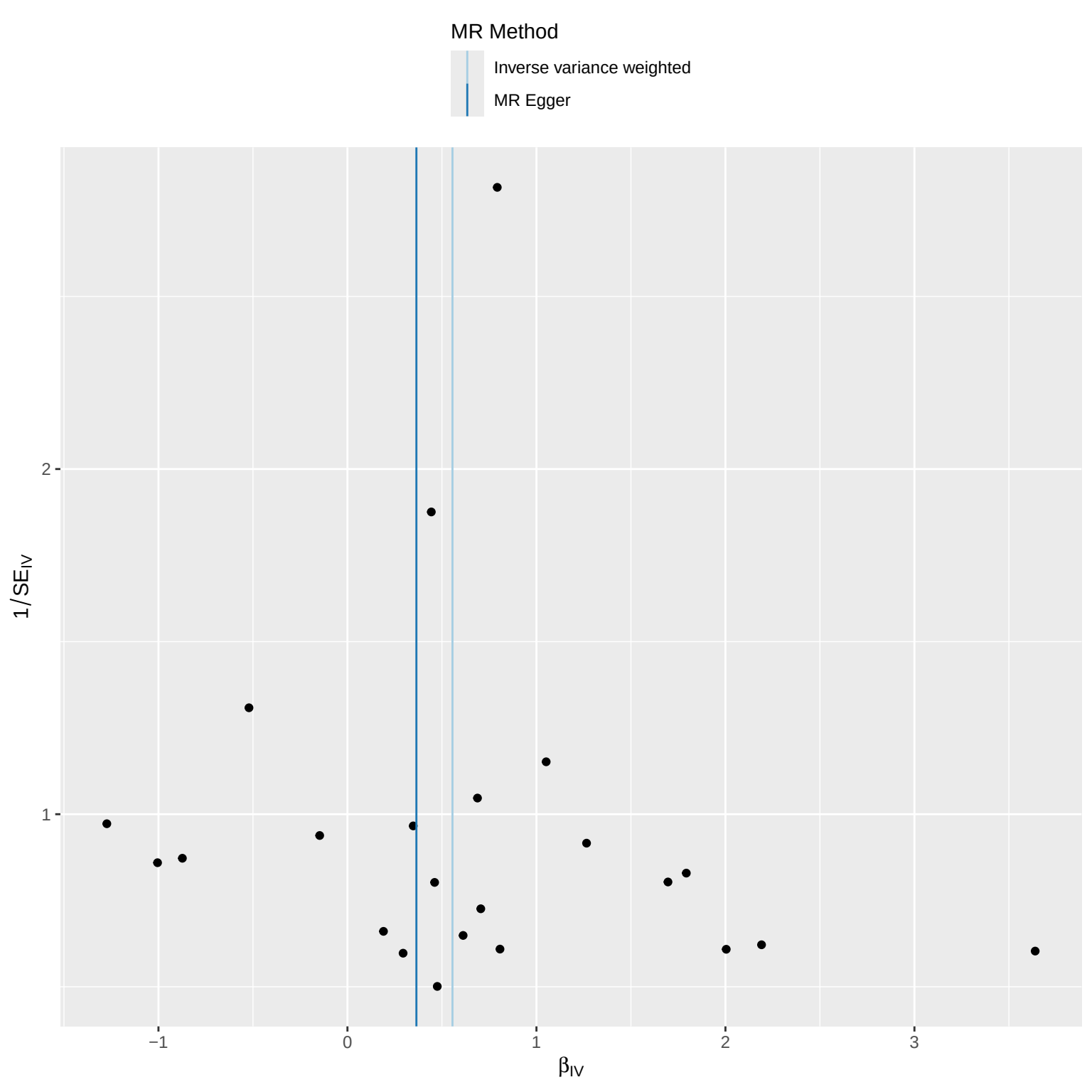

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

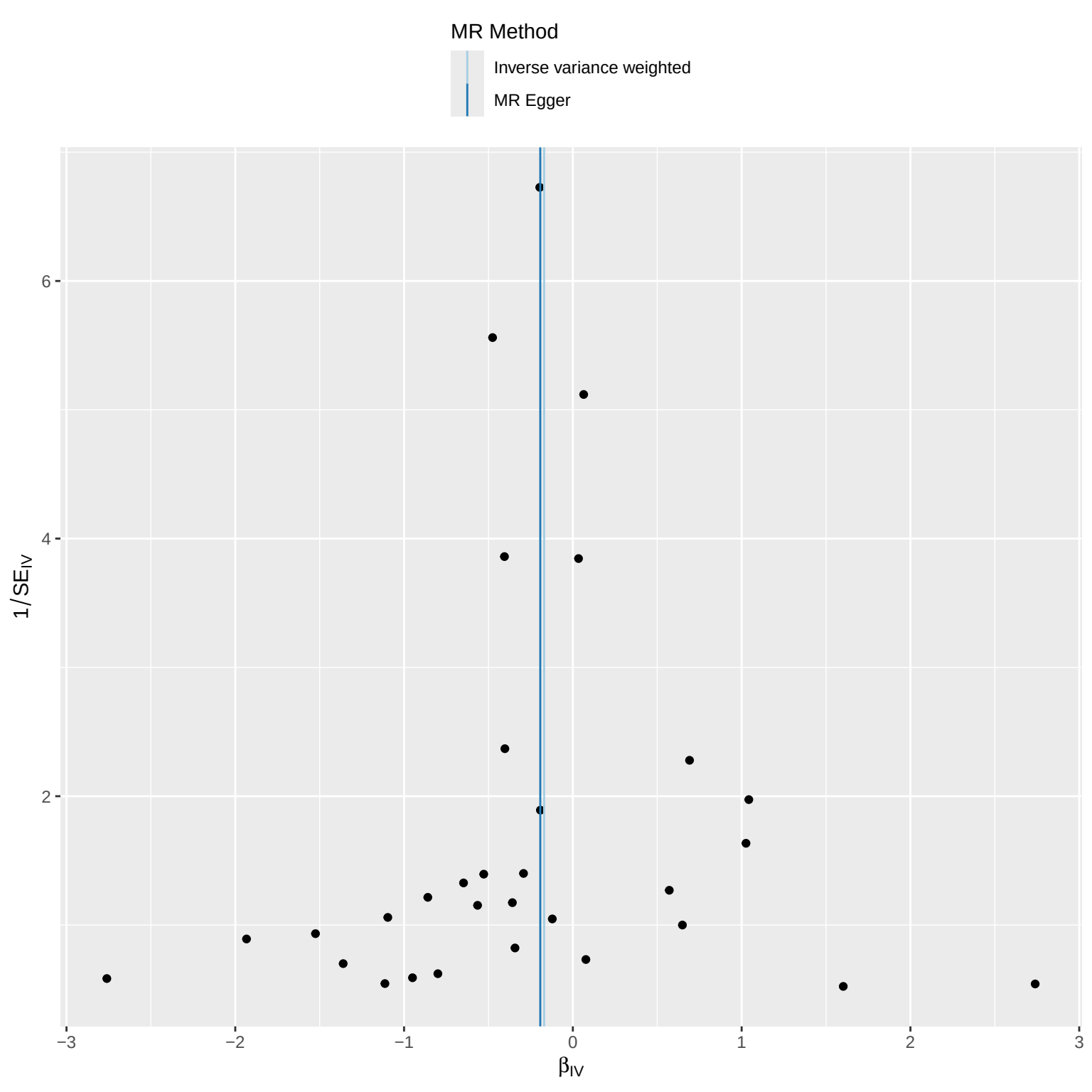

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−3
−2
−1
0
1
2

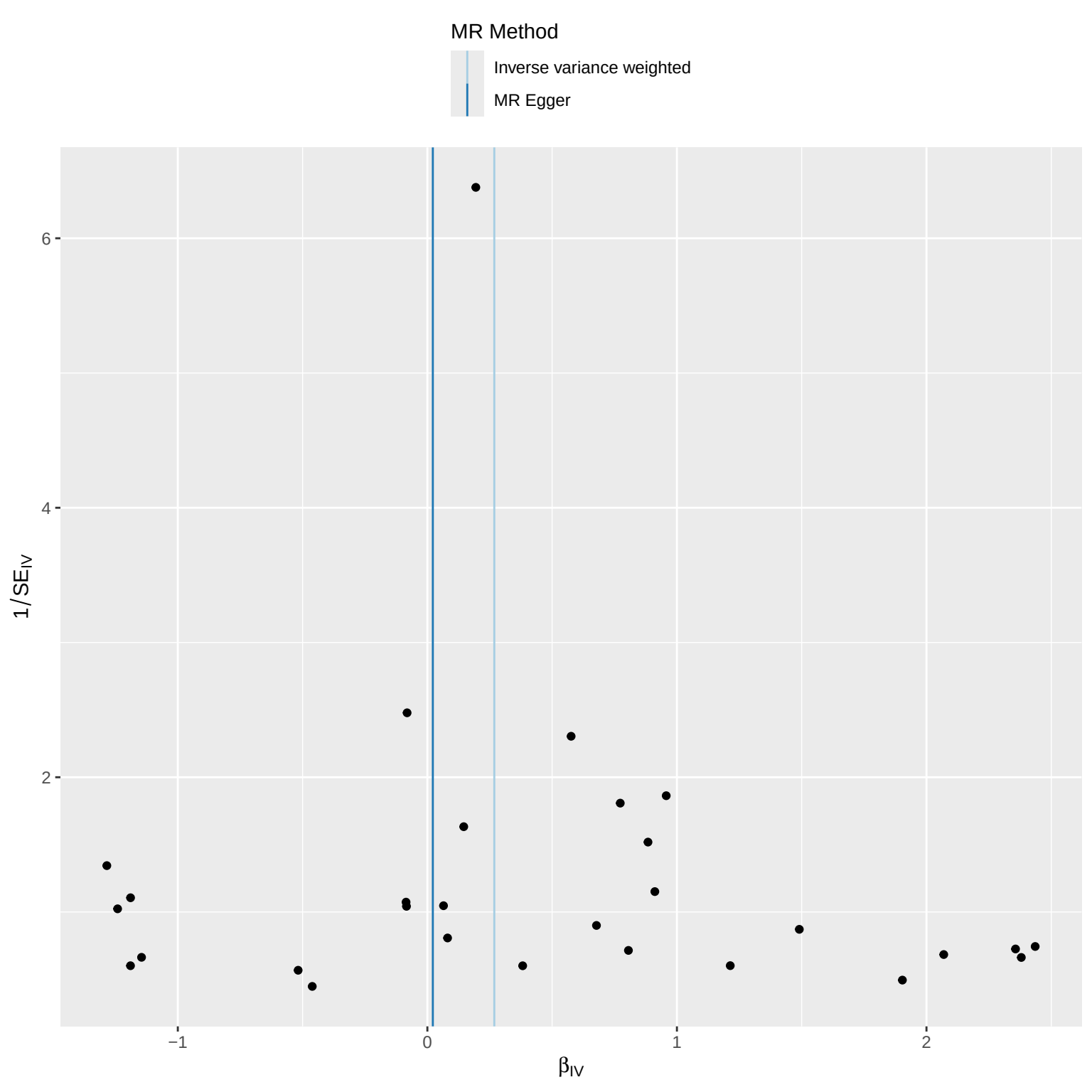

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

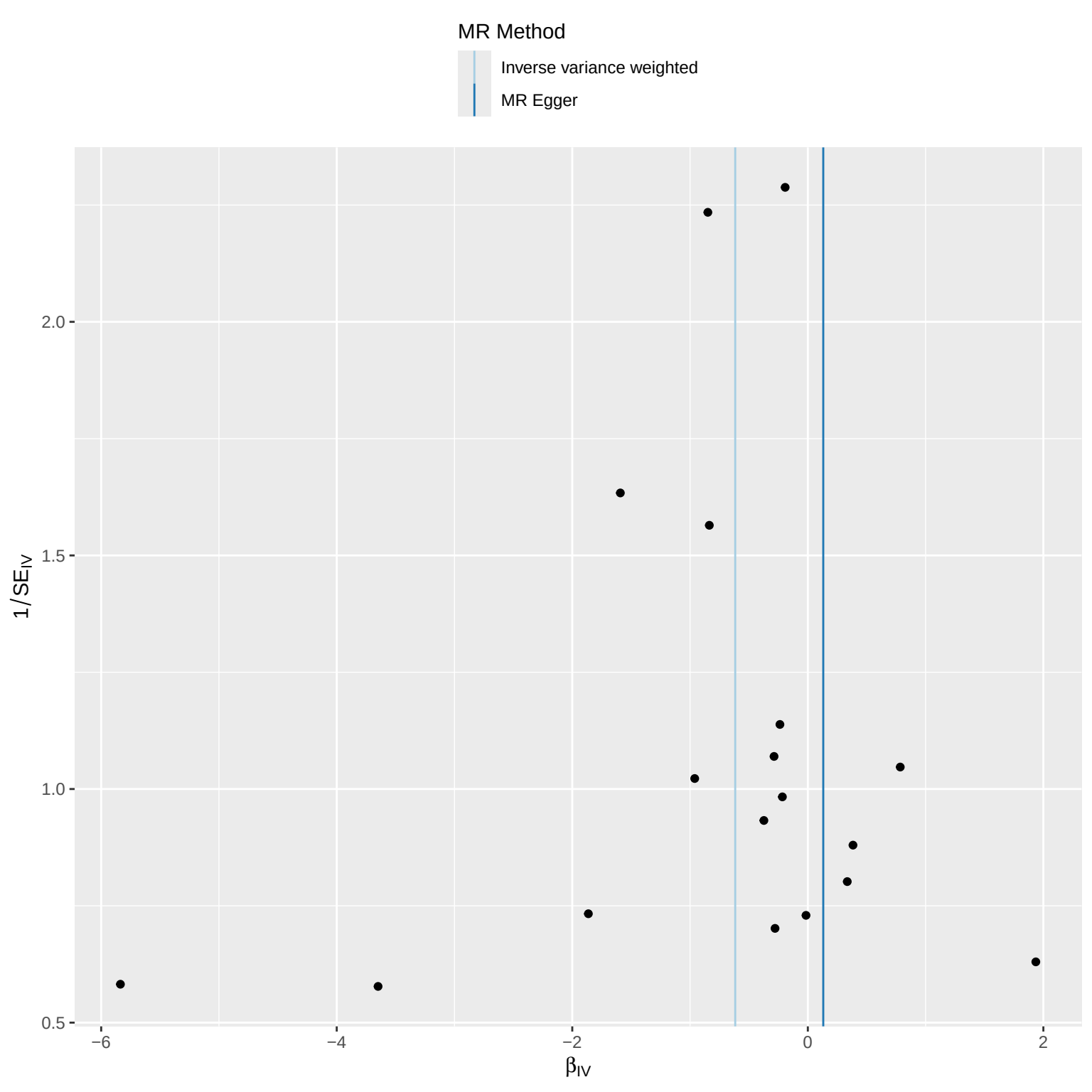

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

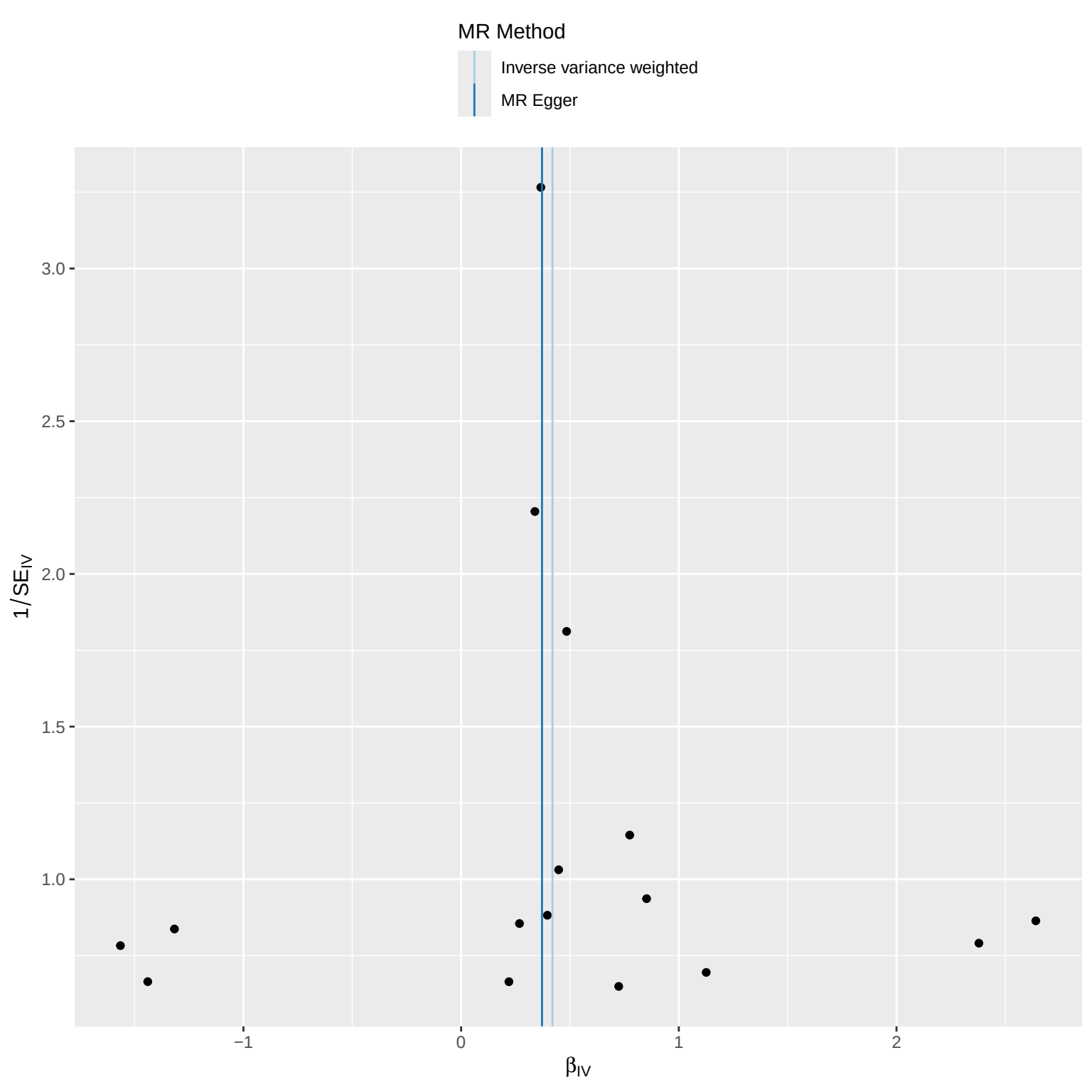

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

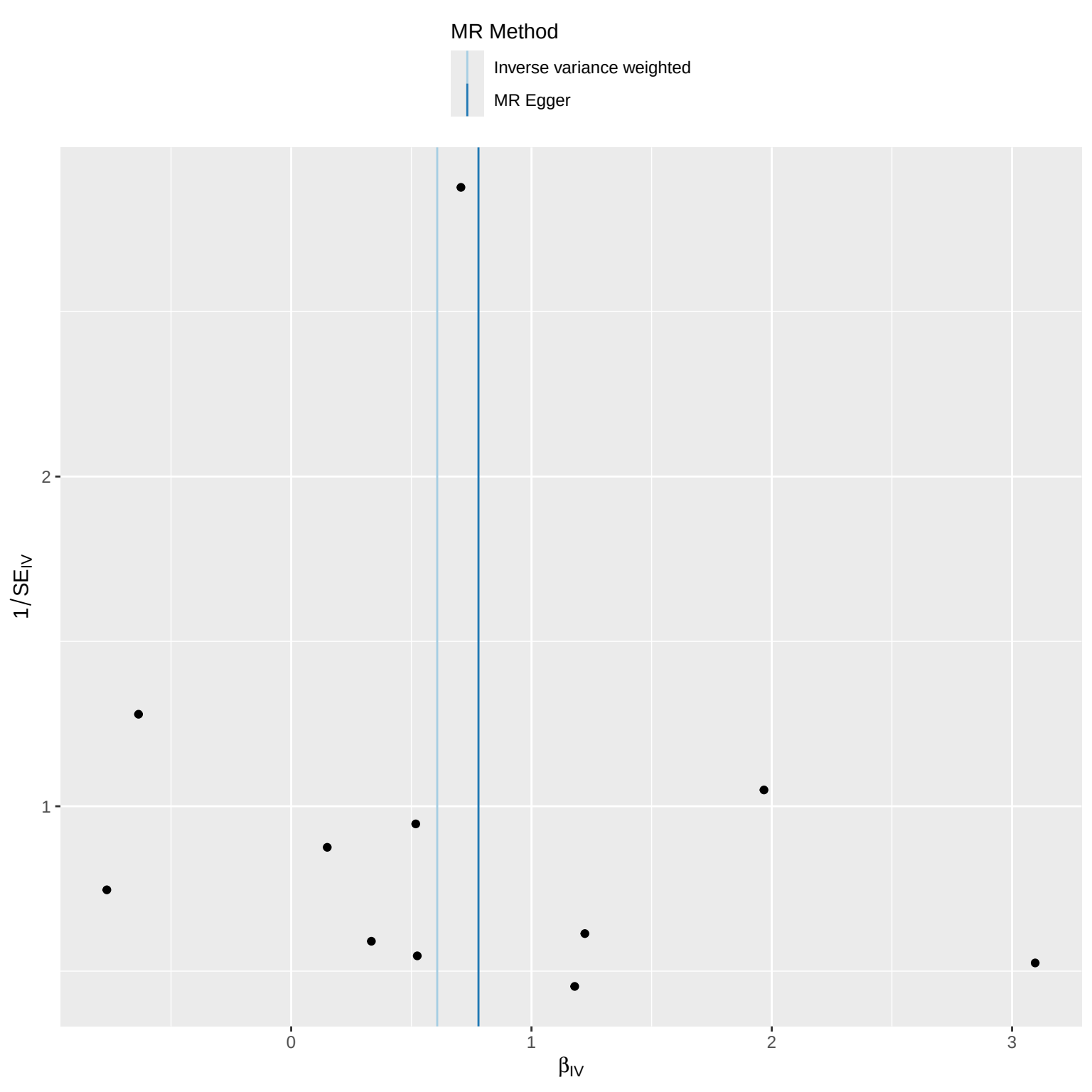

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

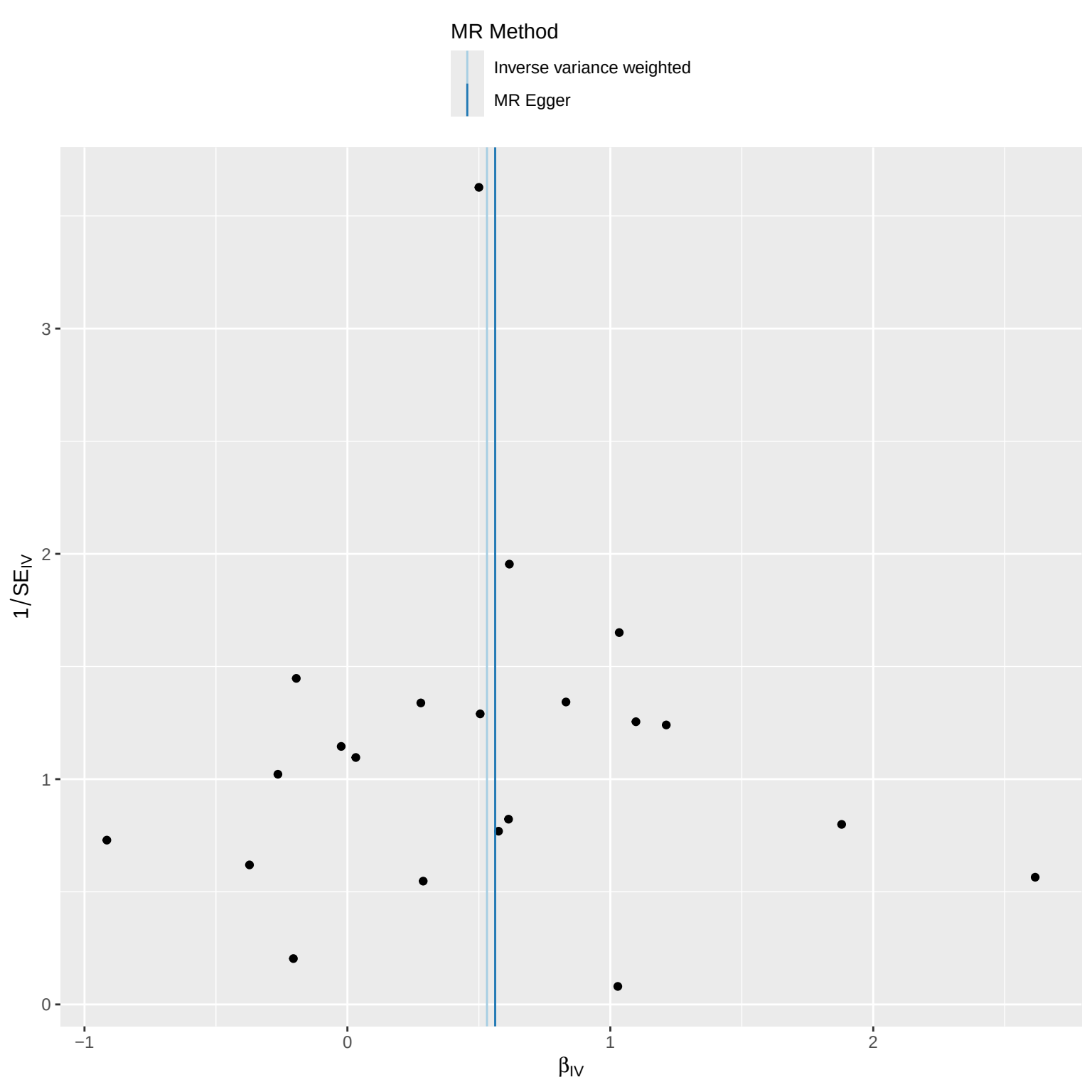

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

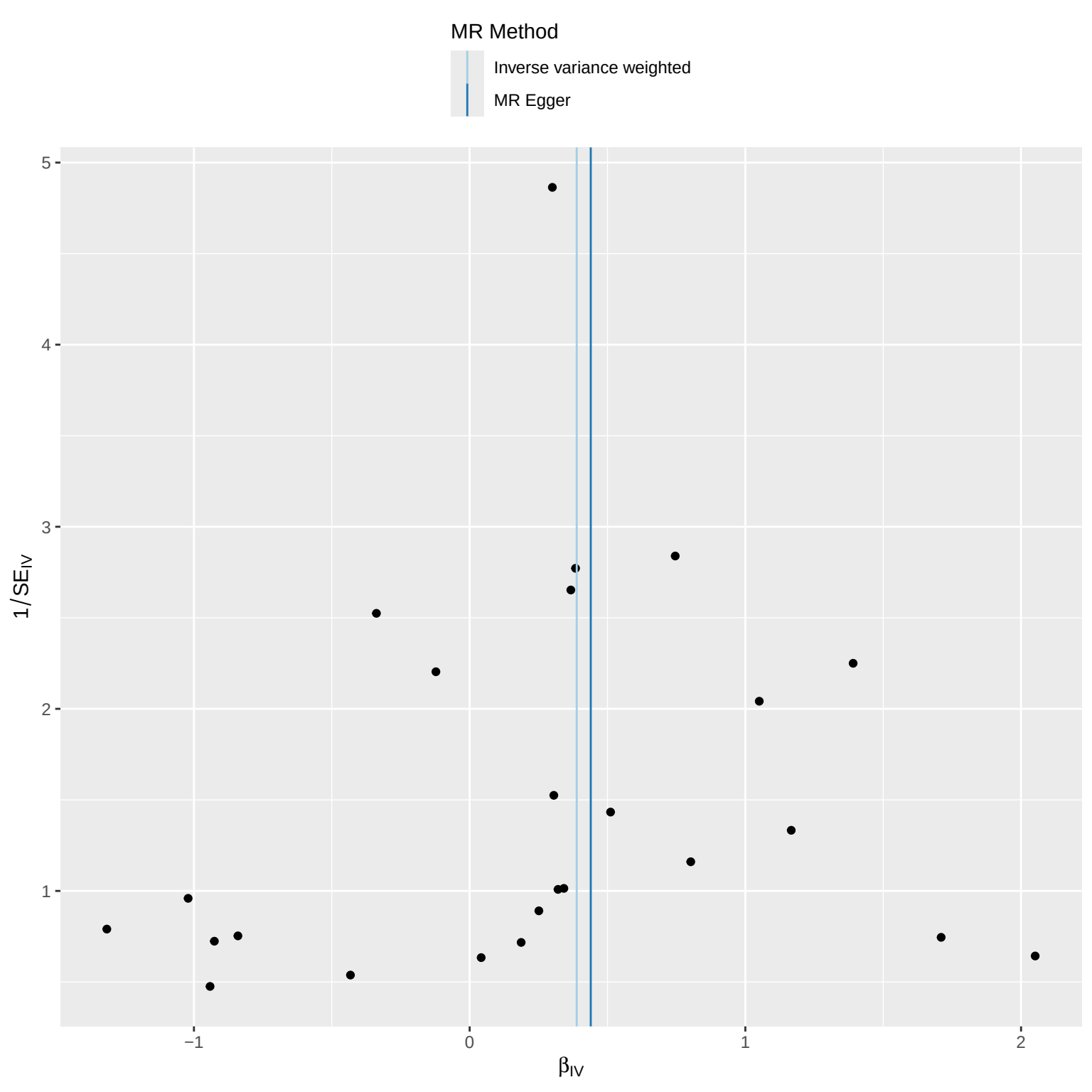

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

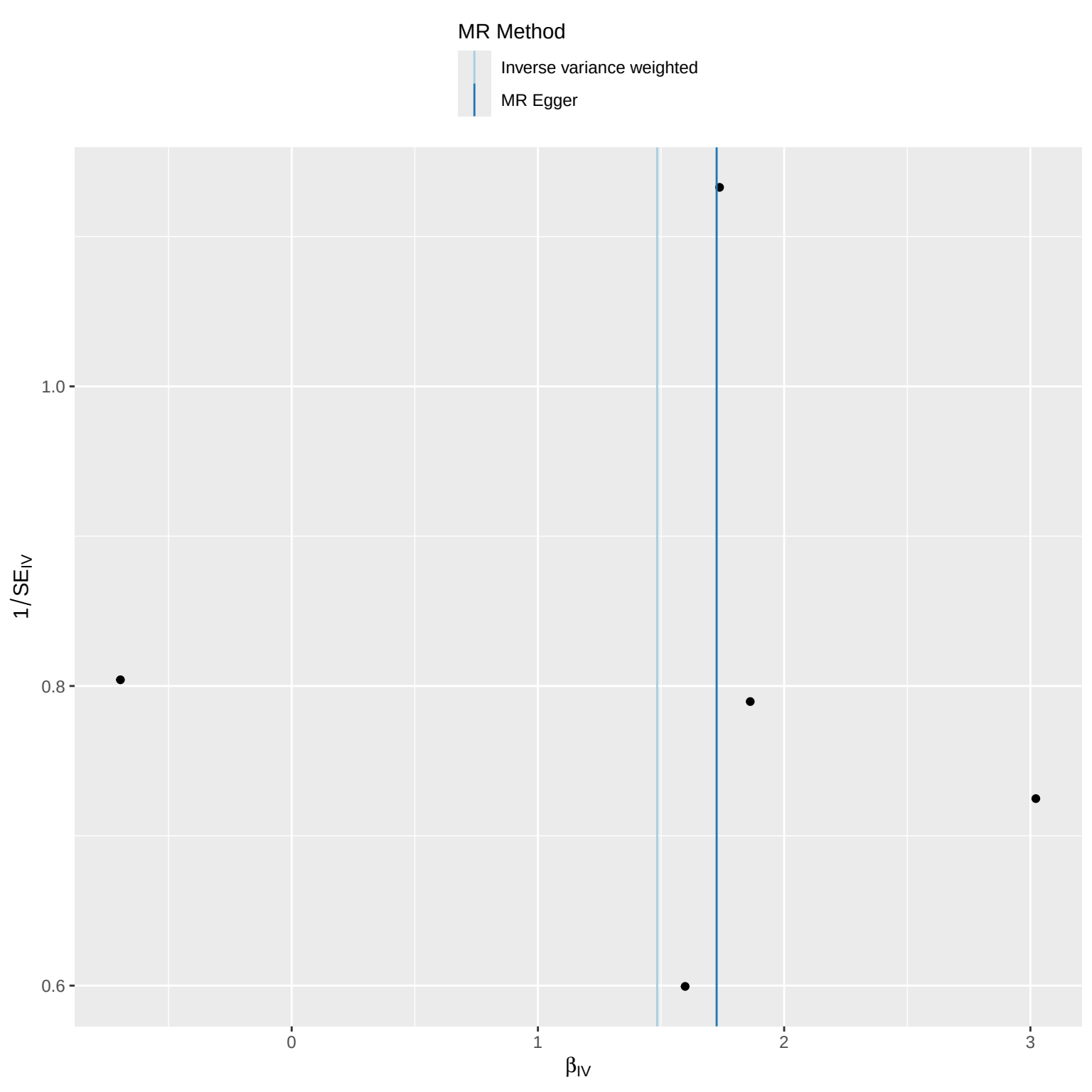

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−6
−4
−2
0
2
β_IV

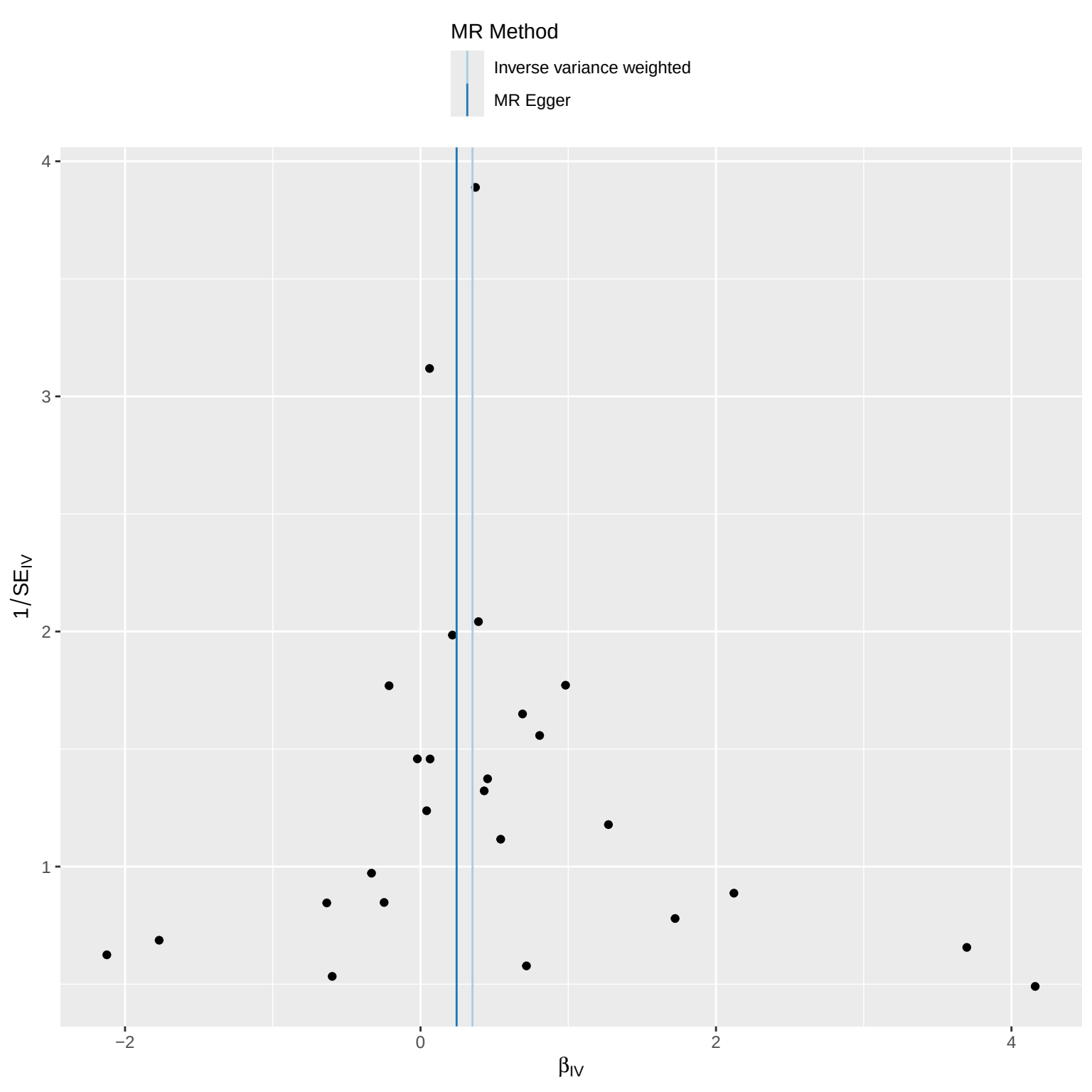

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

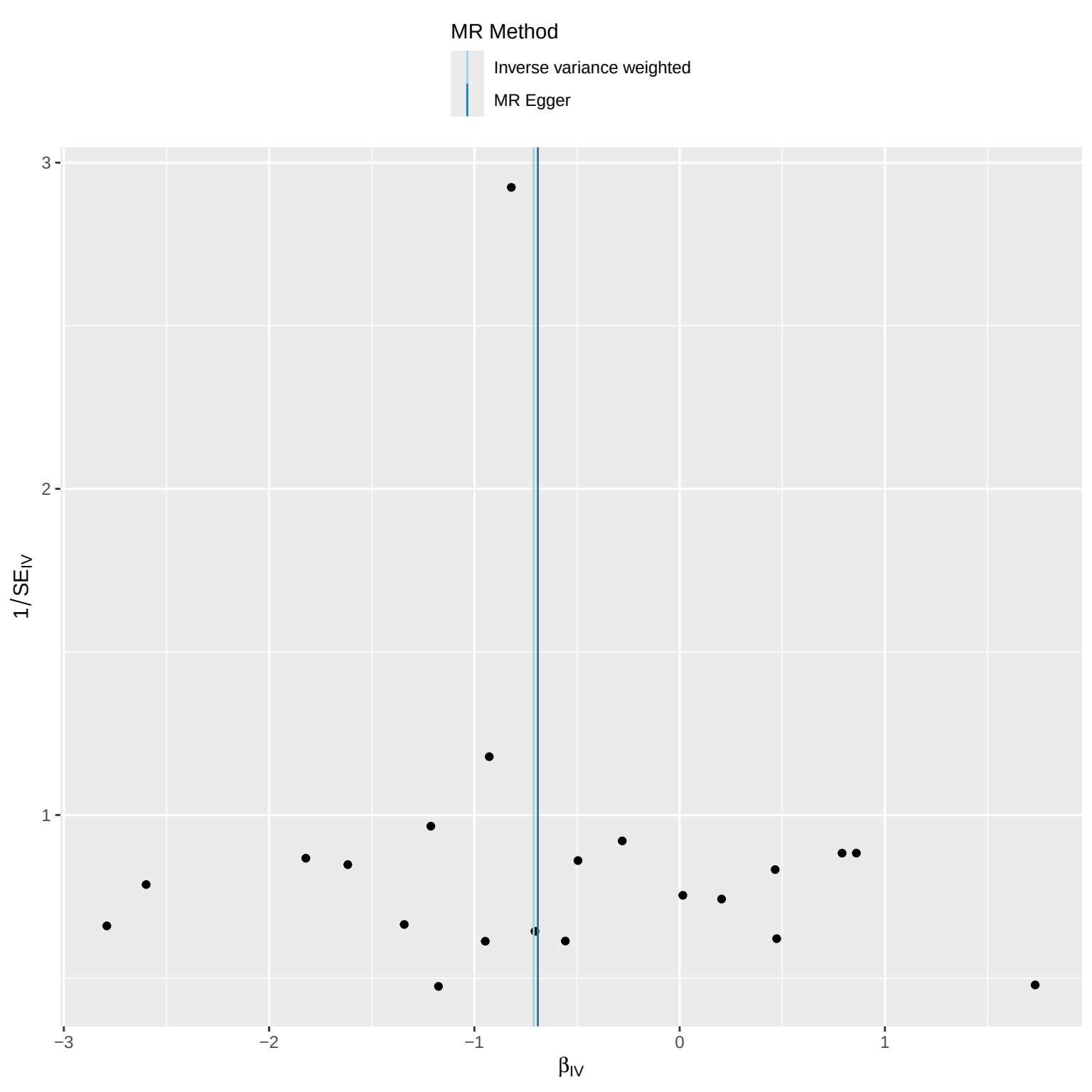

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
0
1
2
3
β_IV

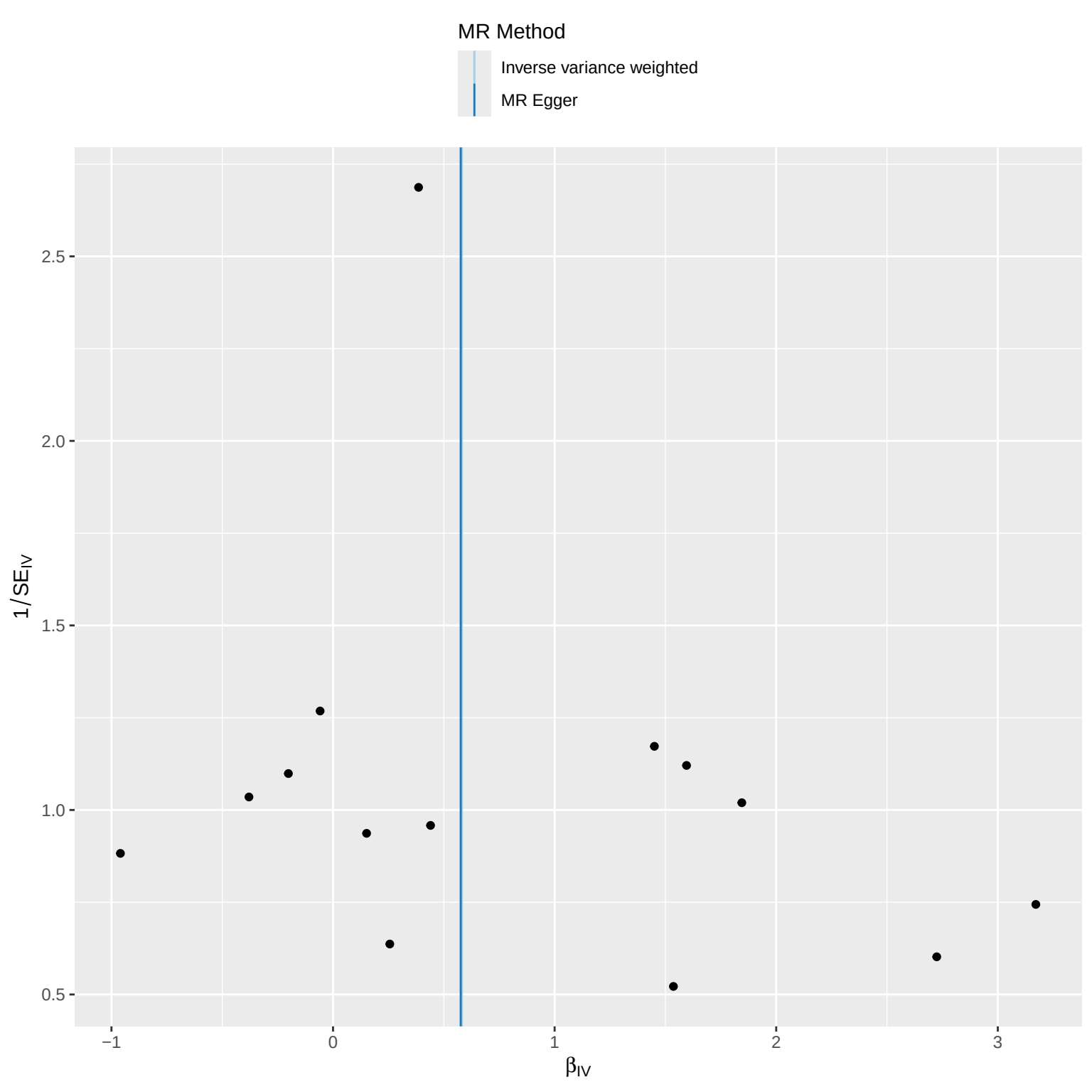

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1/SE_IV
−1
0
1
2
β_IV

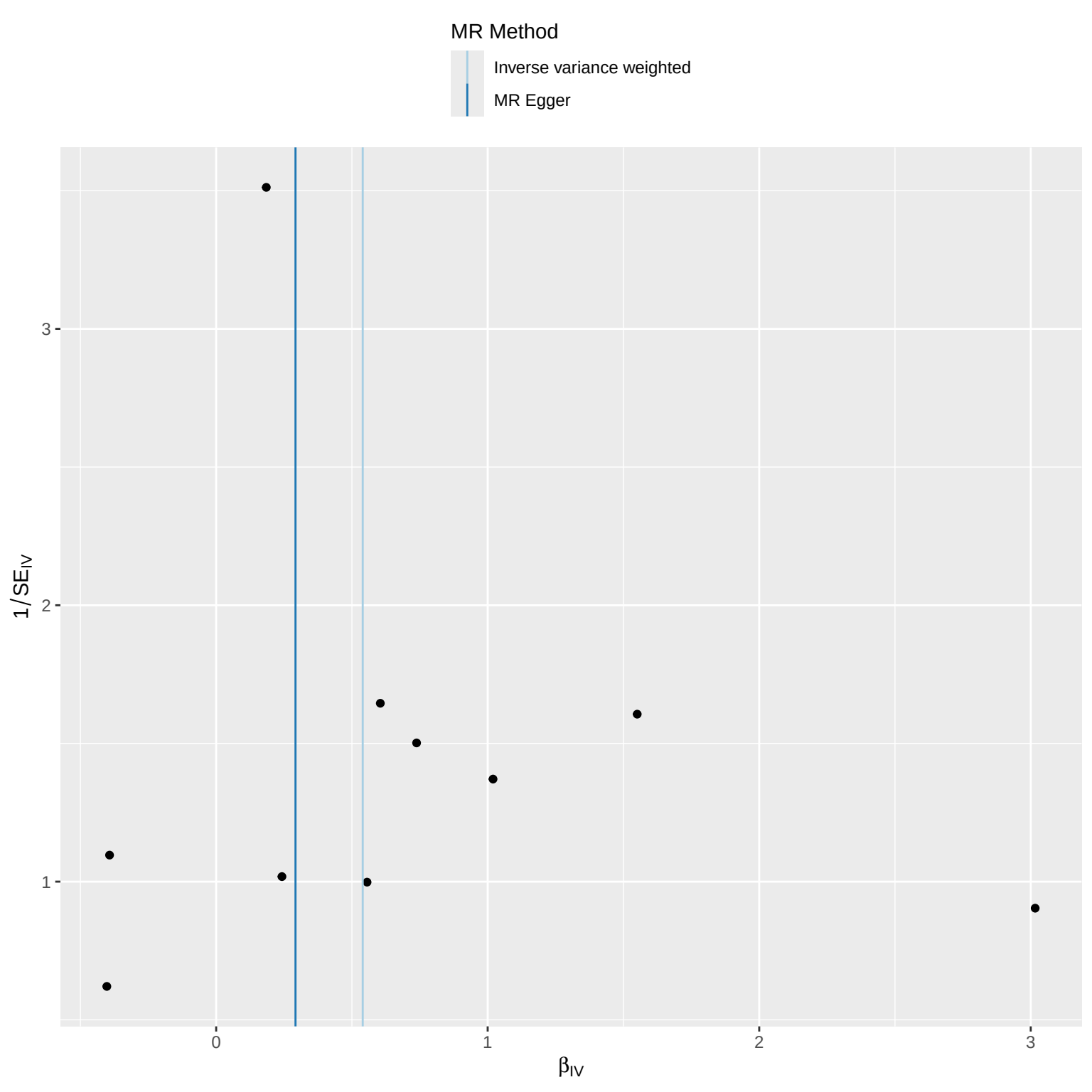

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

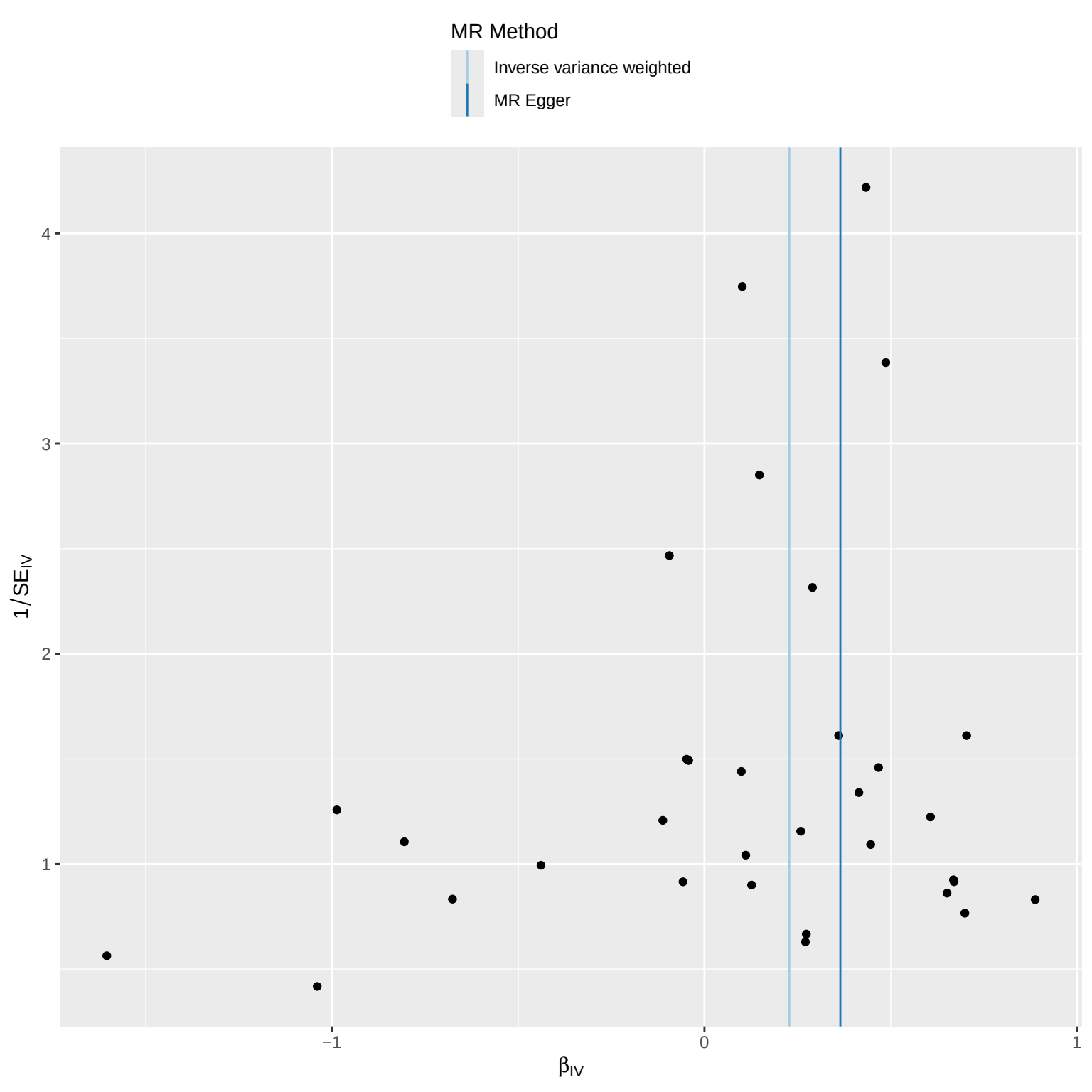

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
0
1
2
3
β_IV

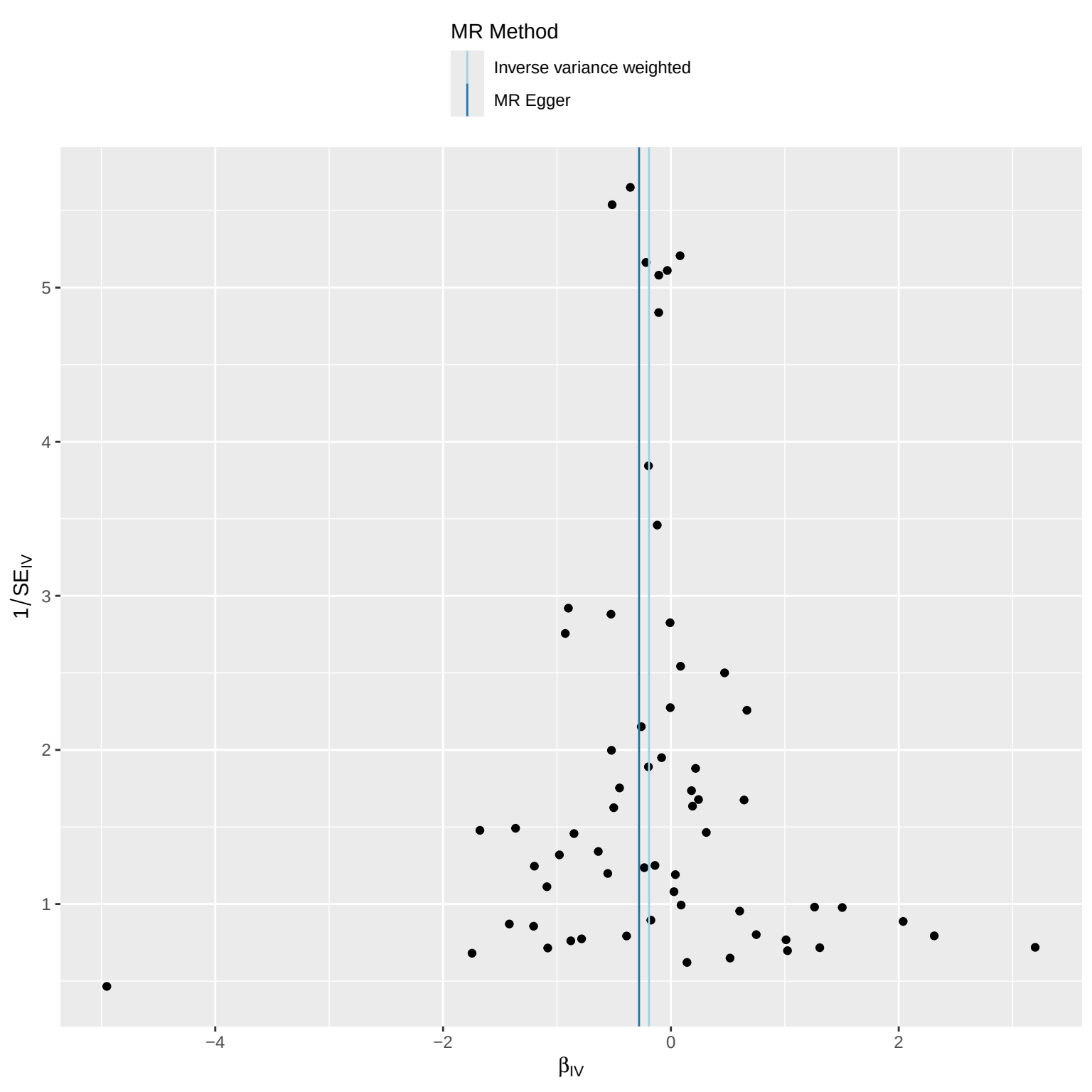

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

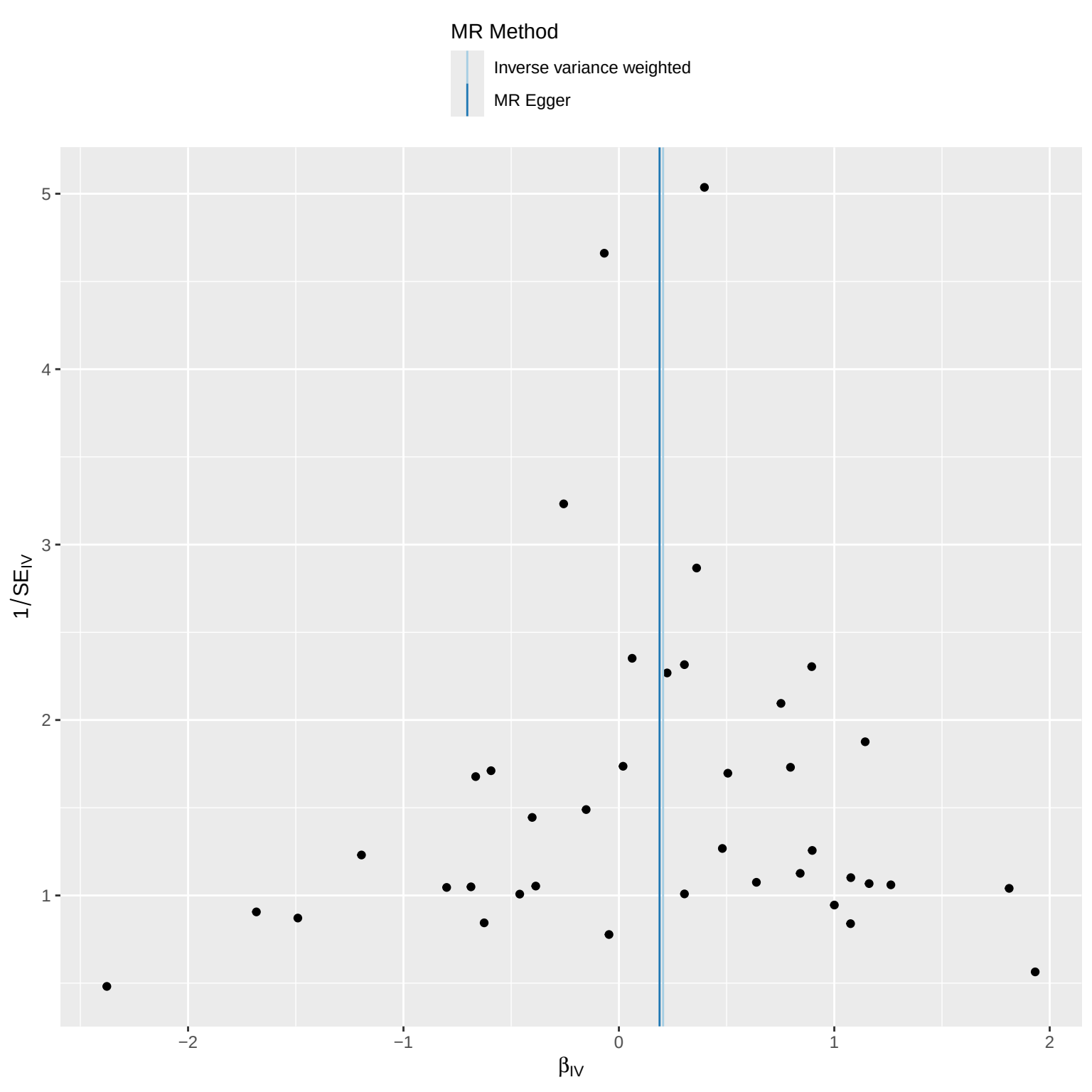

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

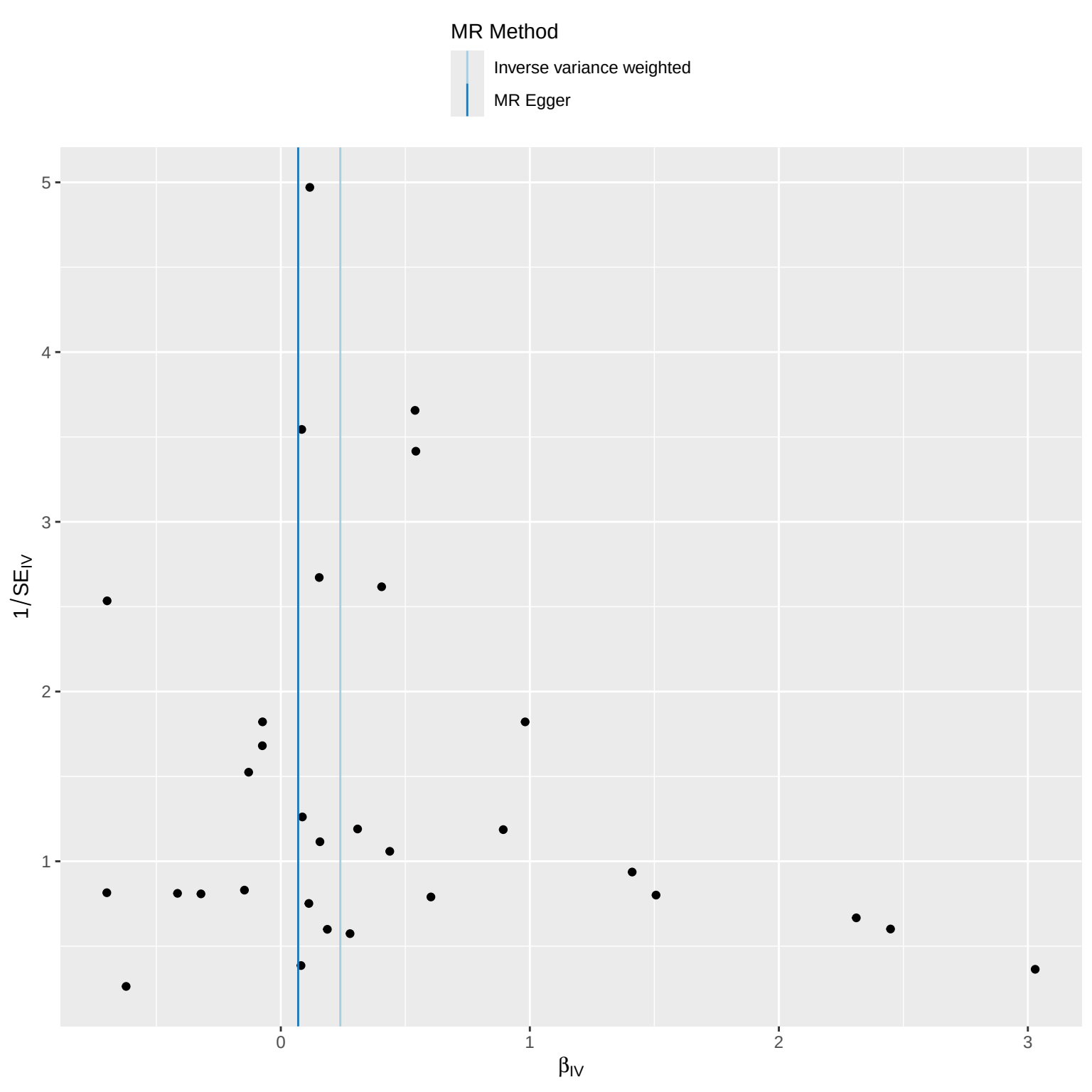

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

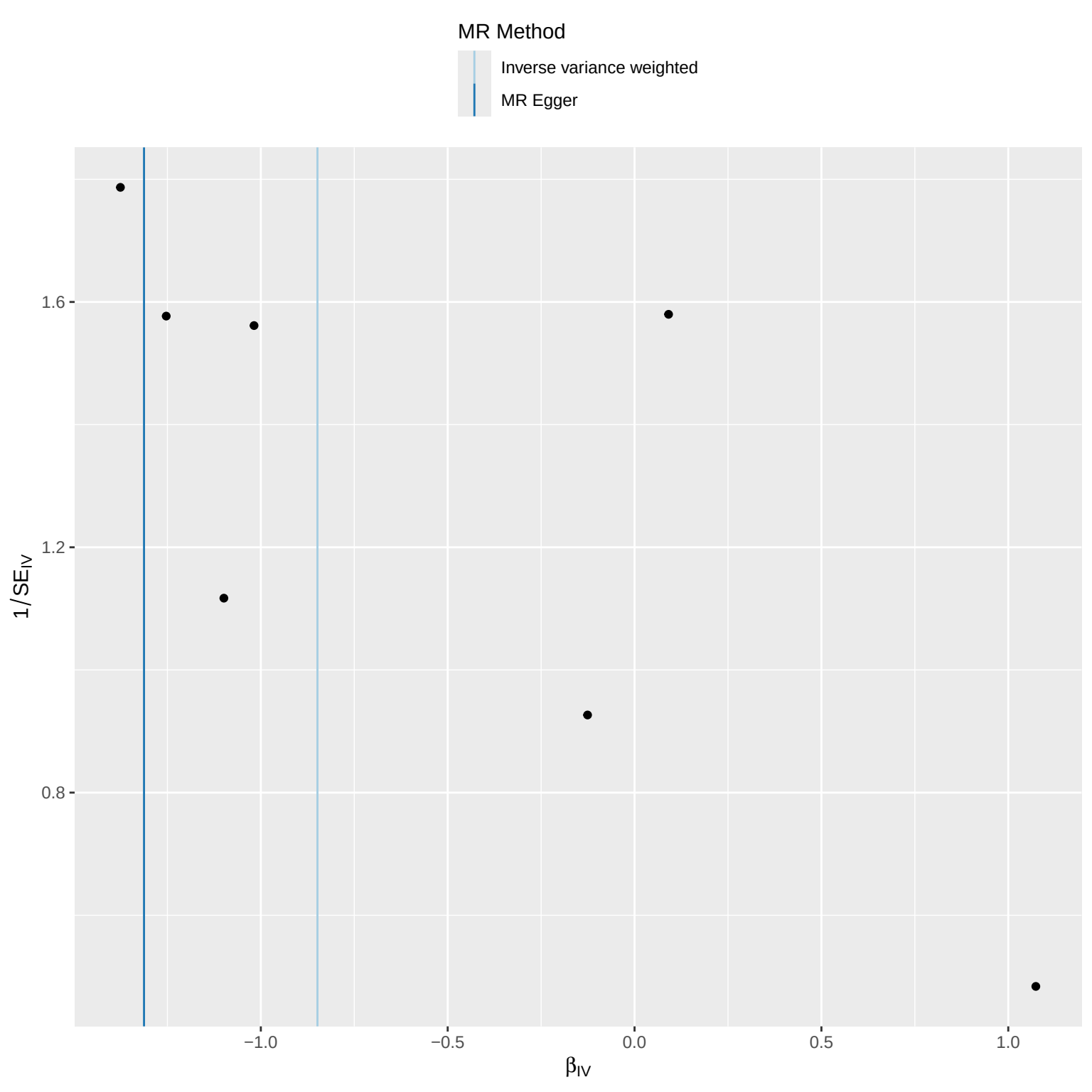

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
0
1
2
3
β_{IV}

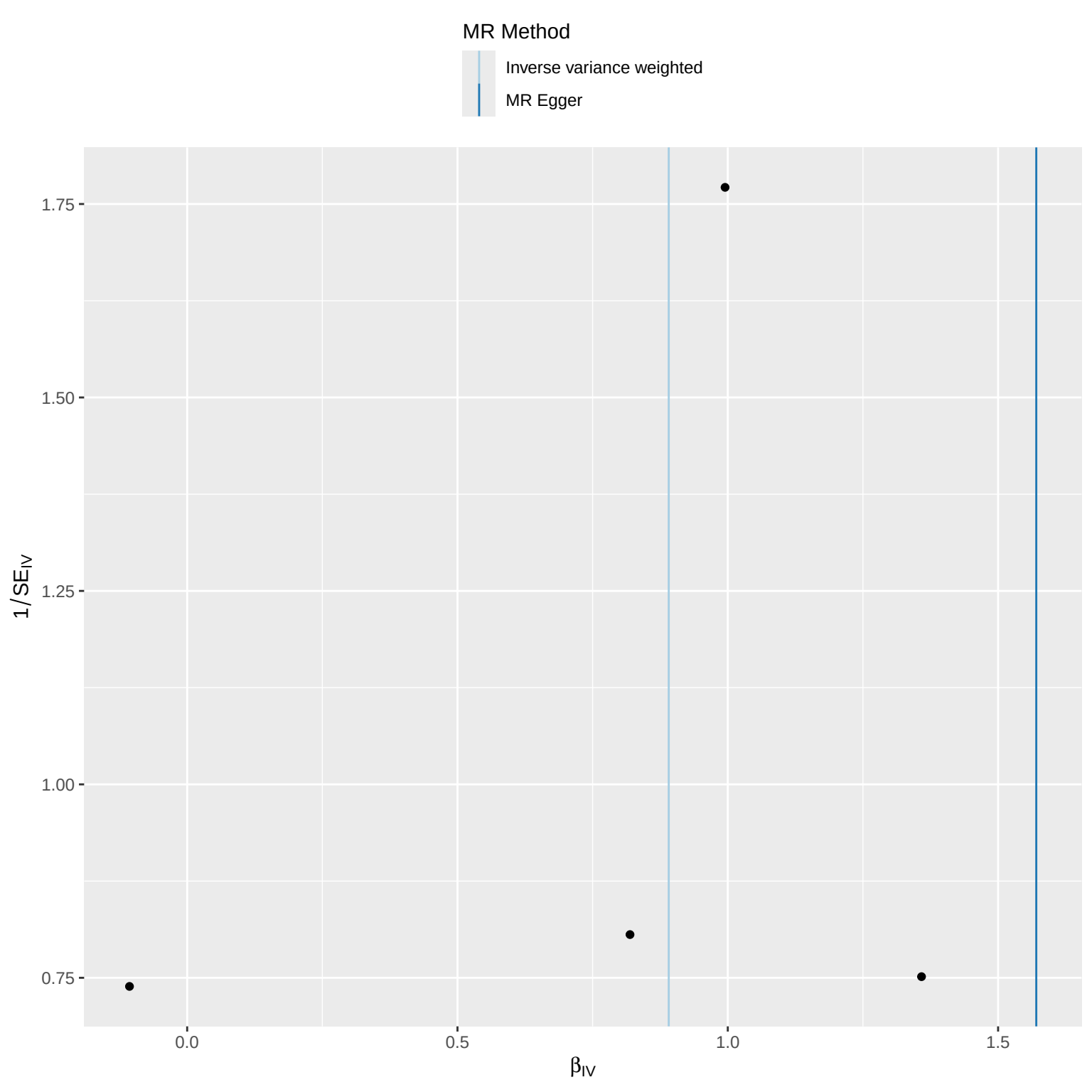

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

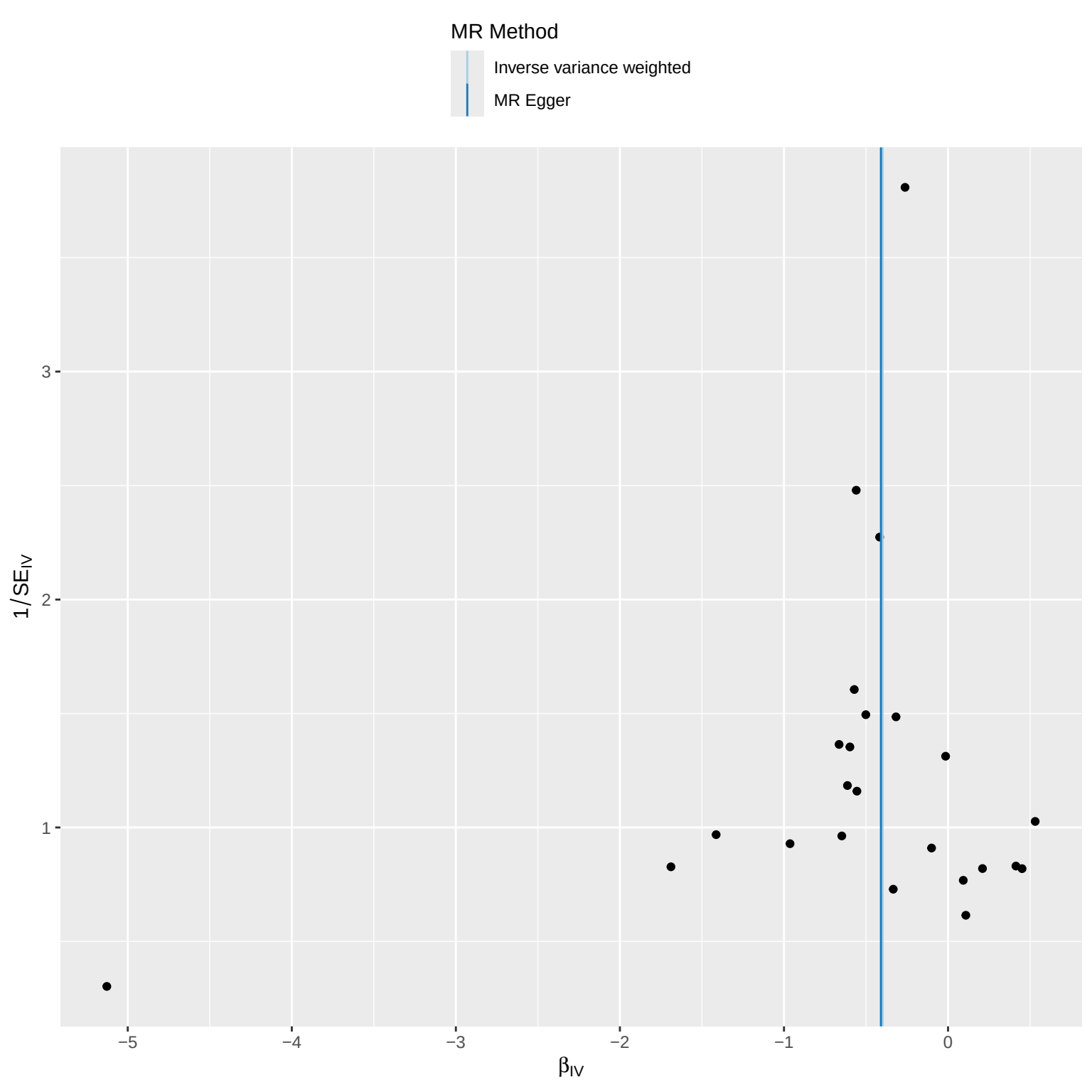

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−4
−2
0
2
β_IV

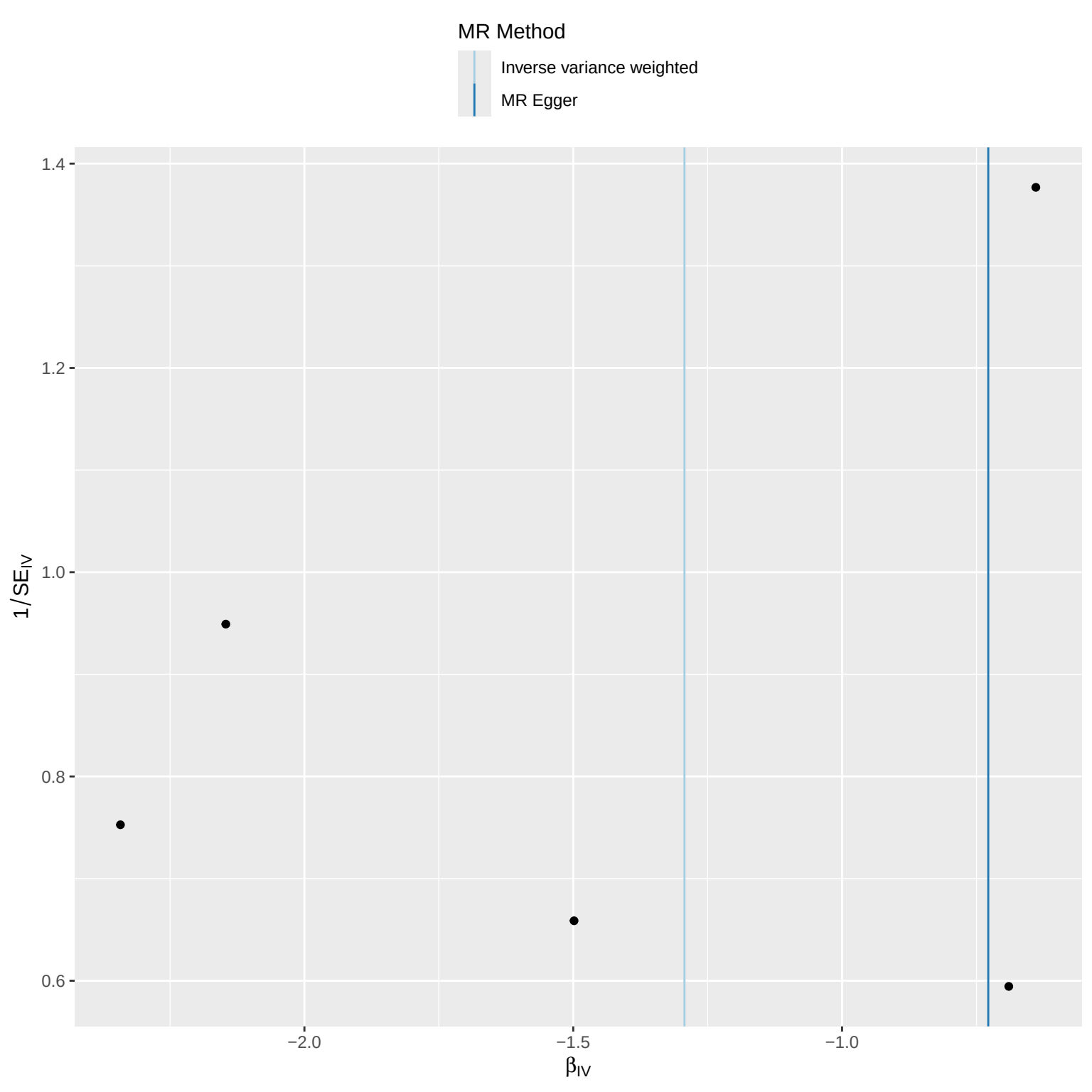

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

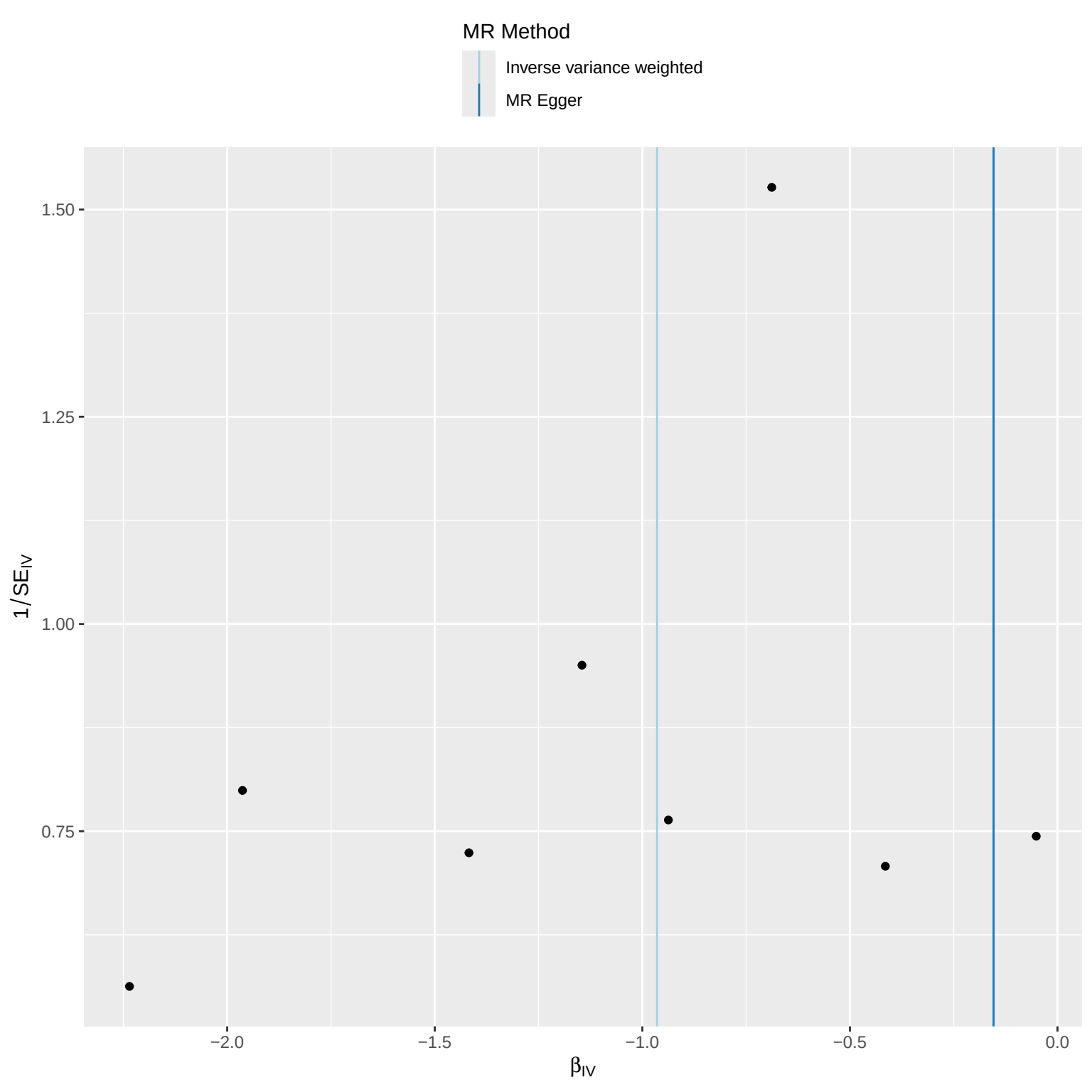

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

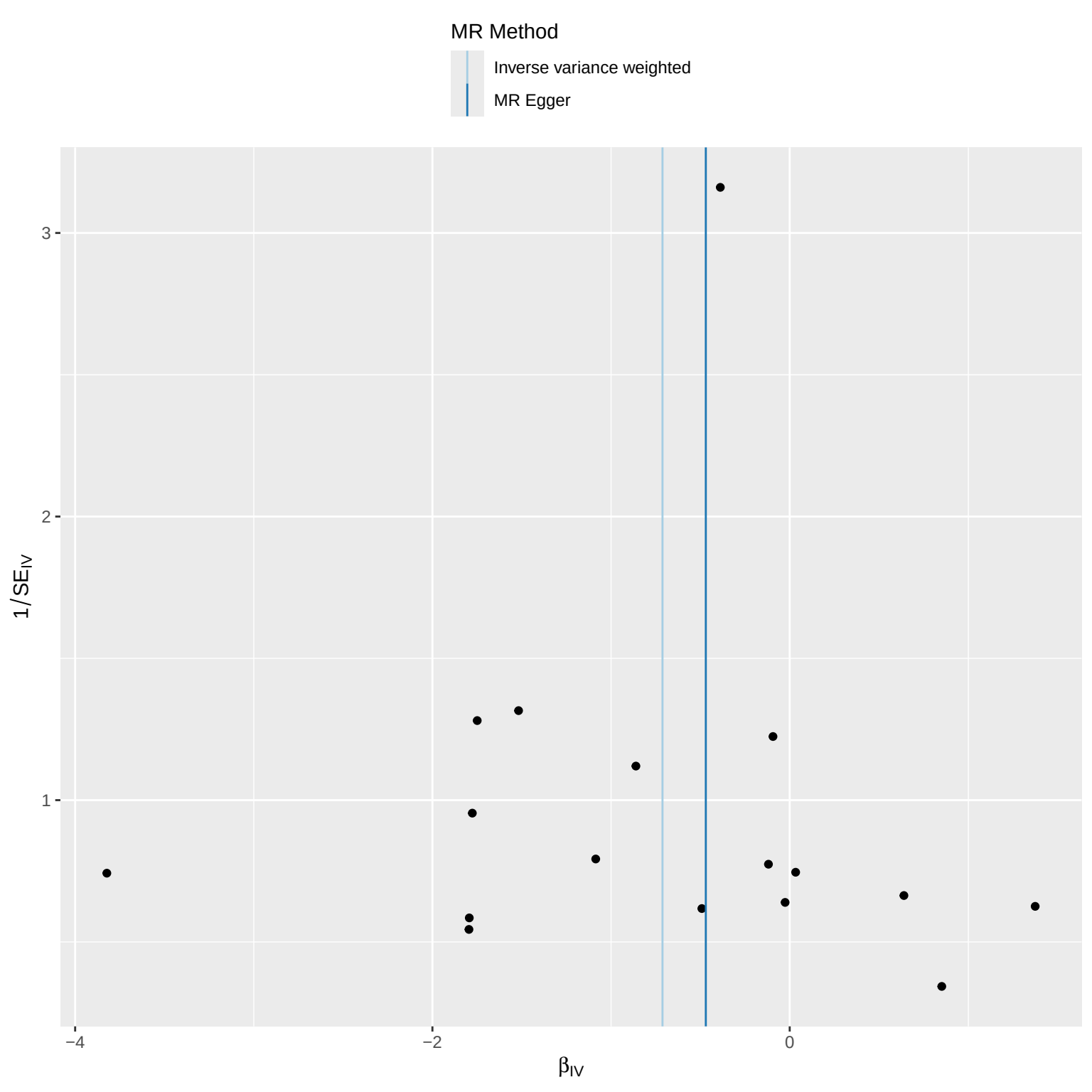

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

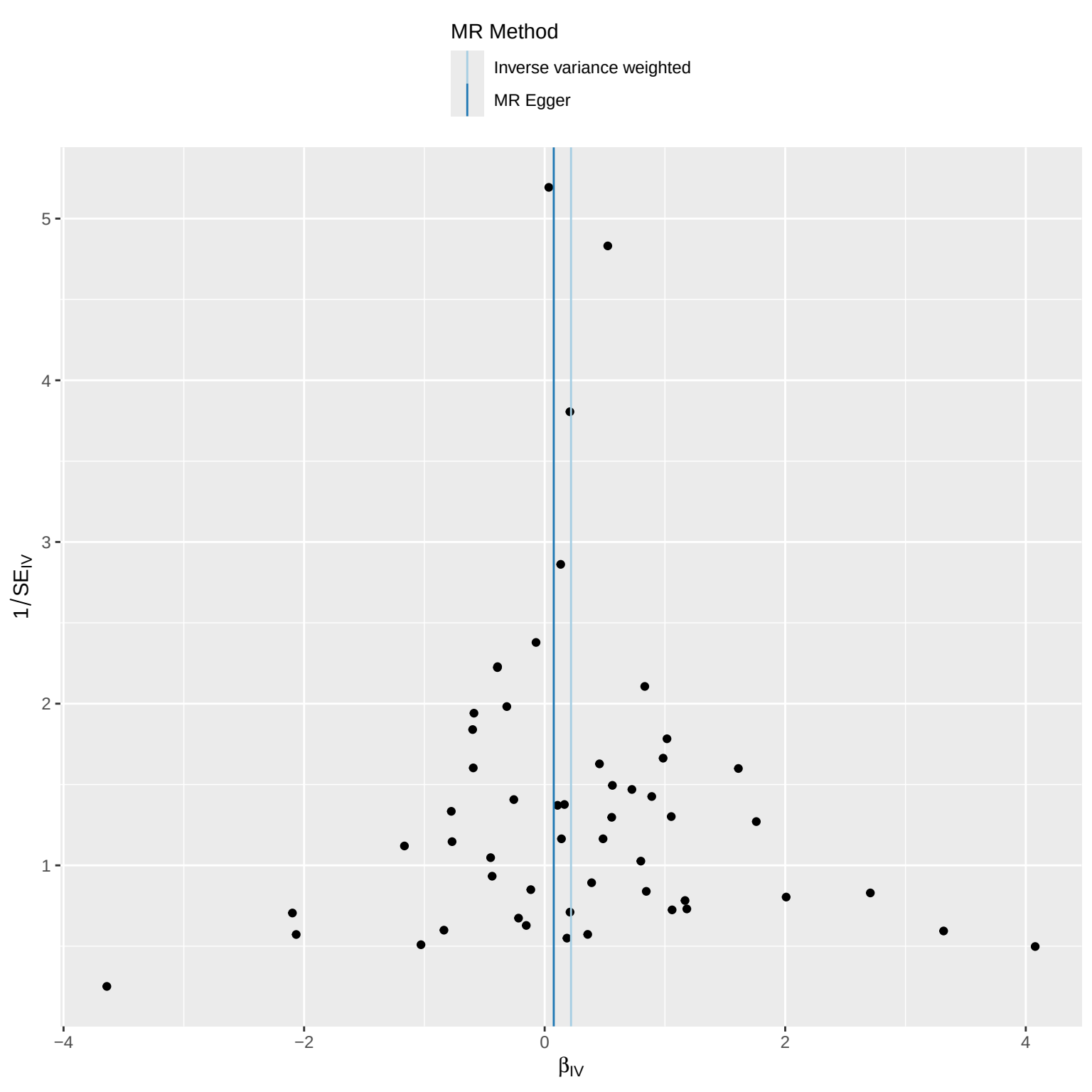

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

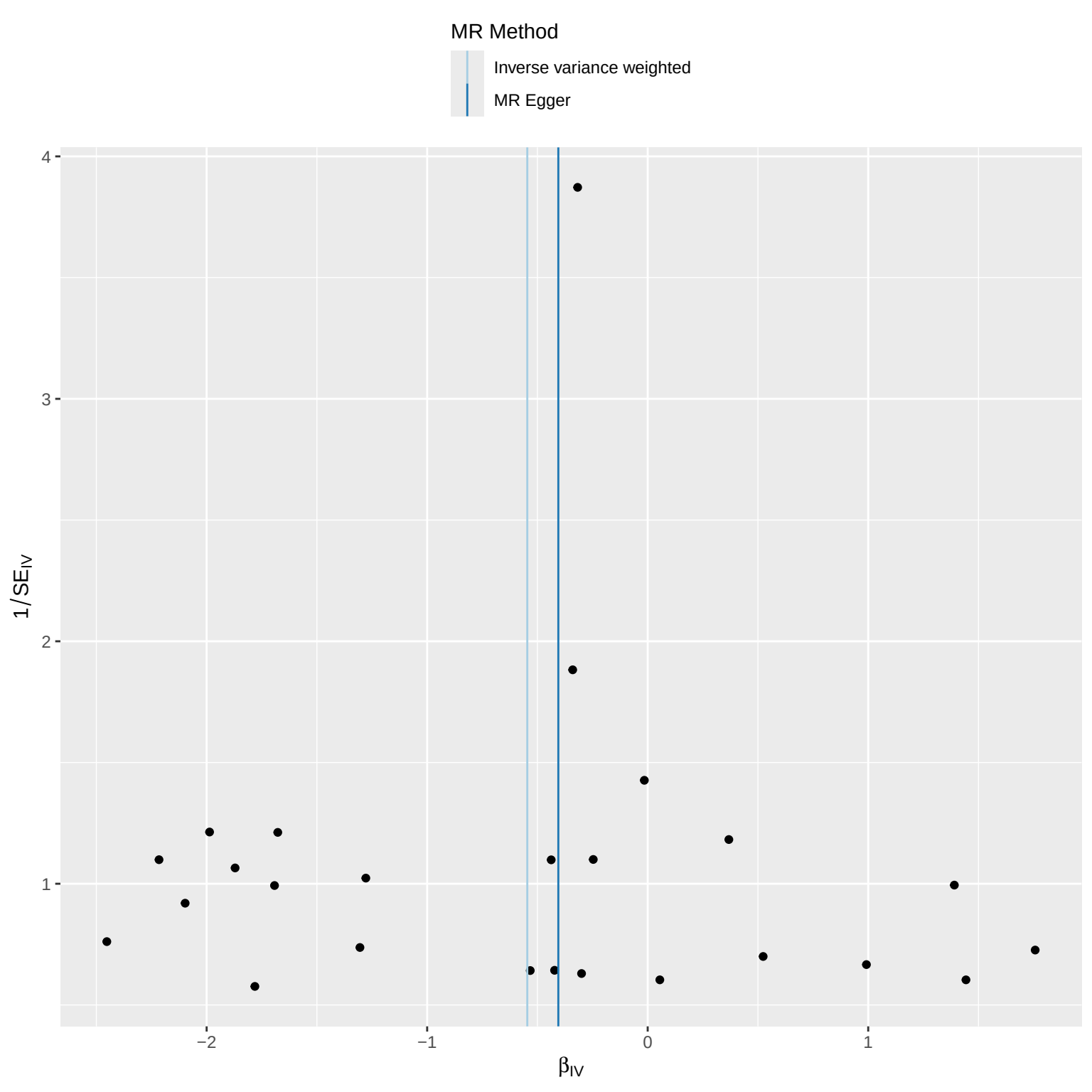

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−5
−4
−3
−2
−1
0
β_IV

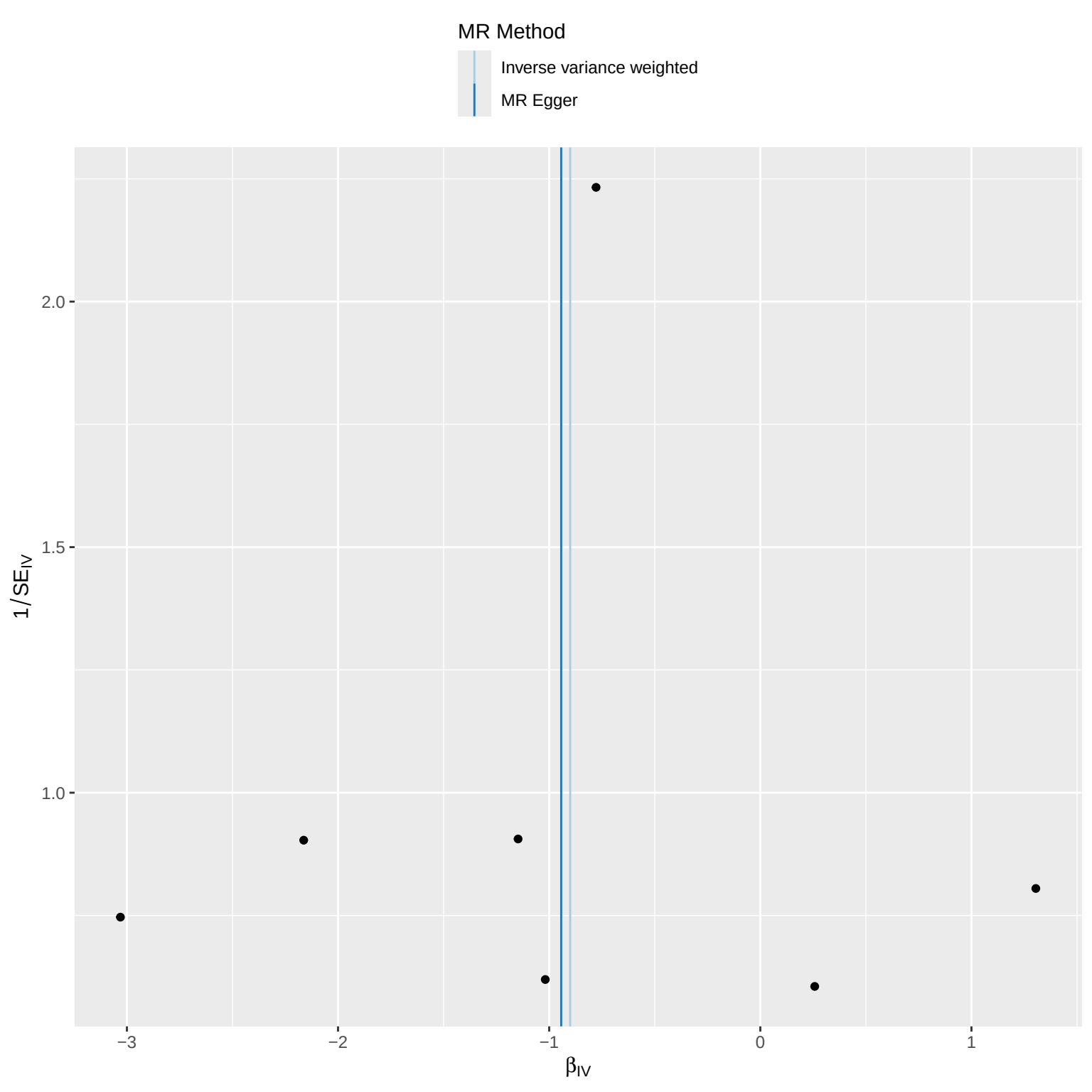

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
β_IV

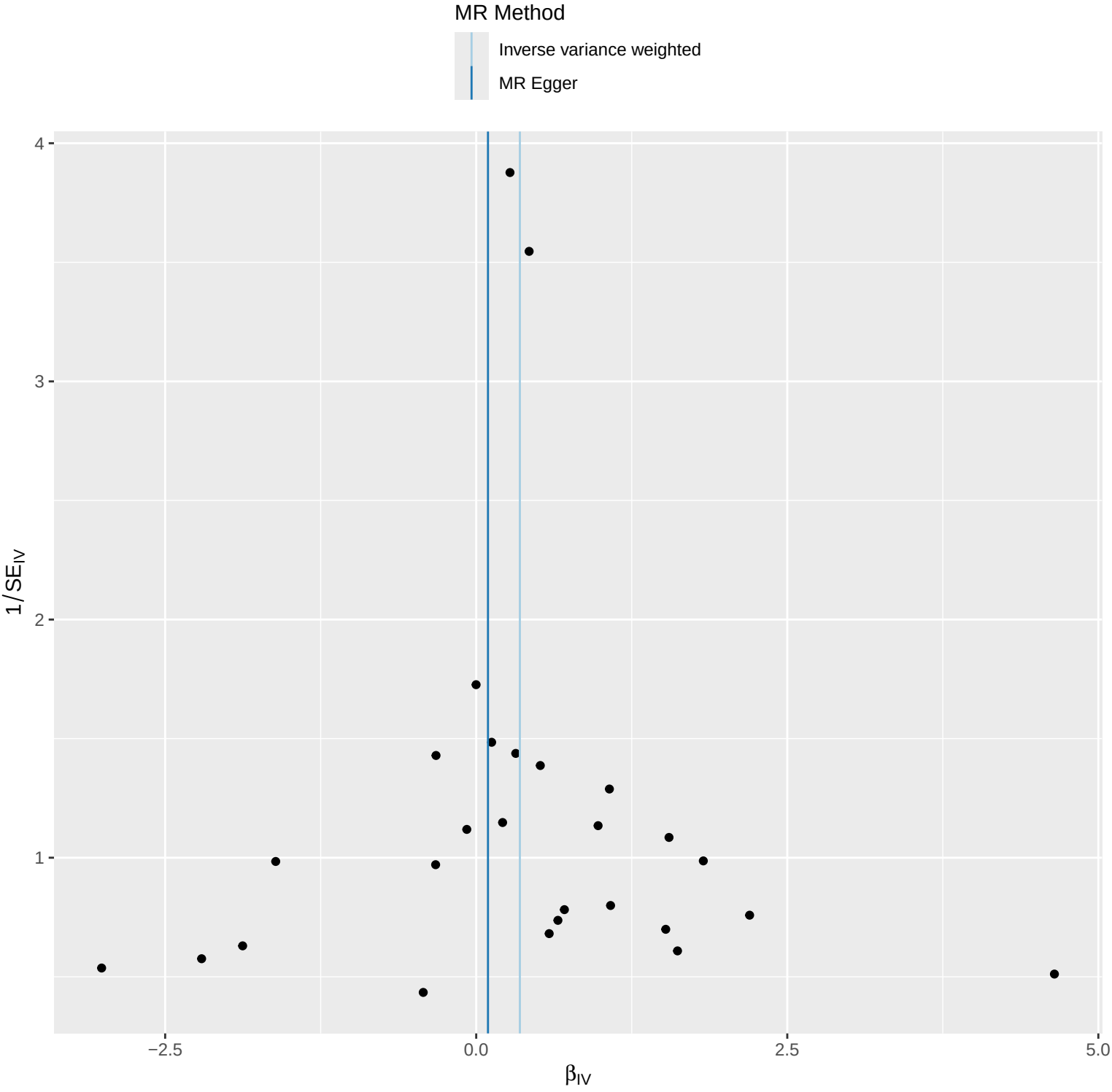

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

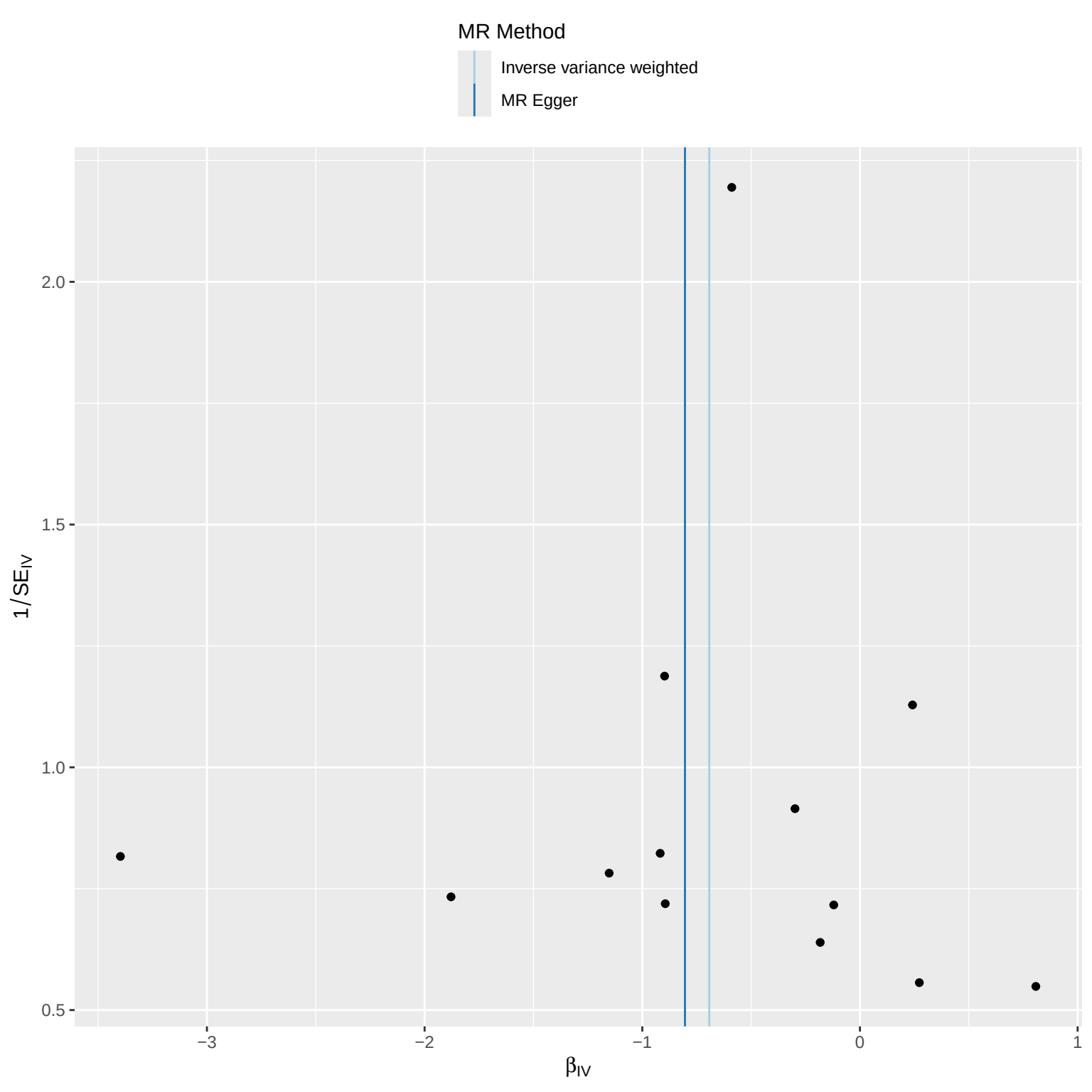

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
β_IV

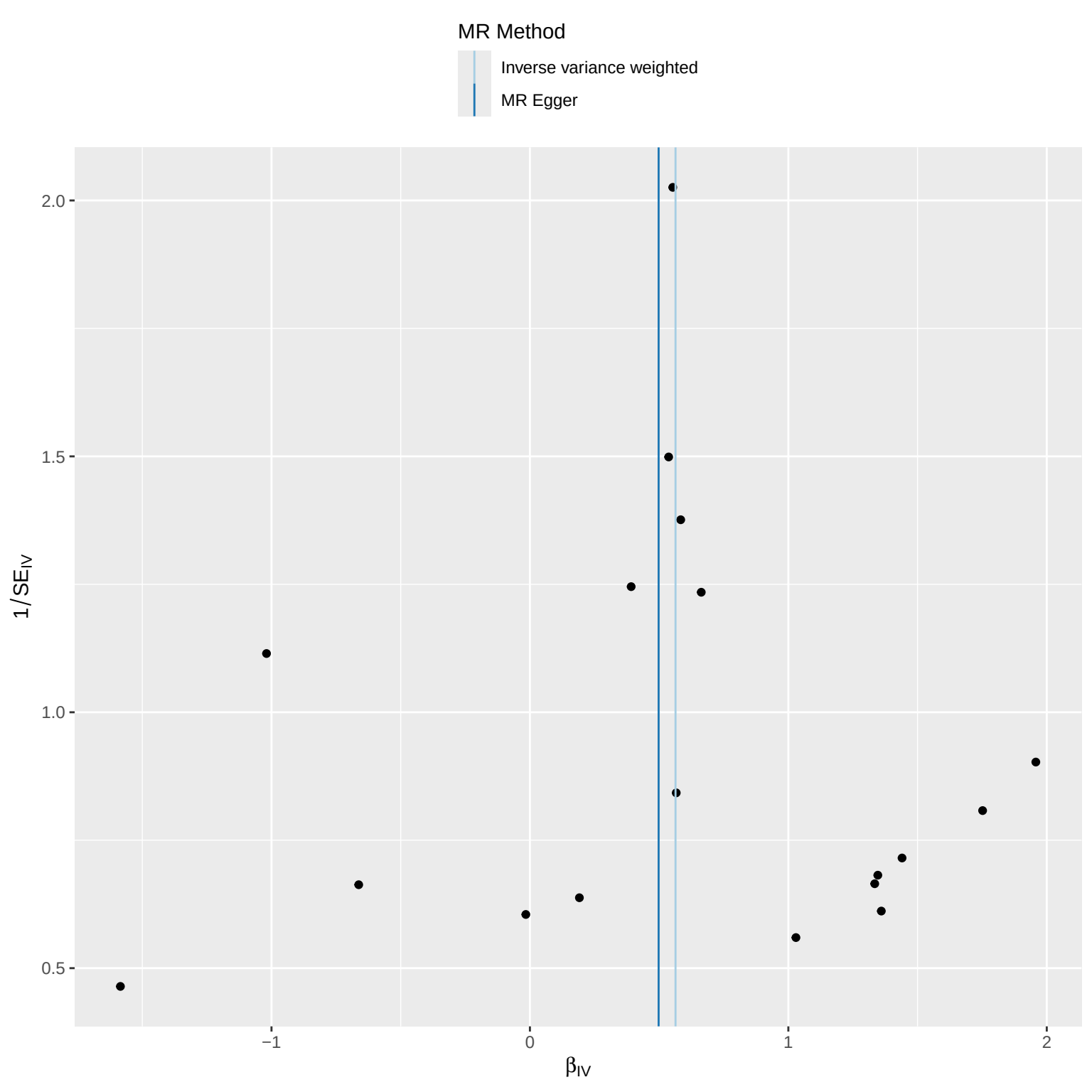

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−4
−2
0
2
4

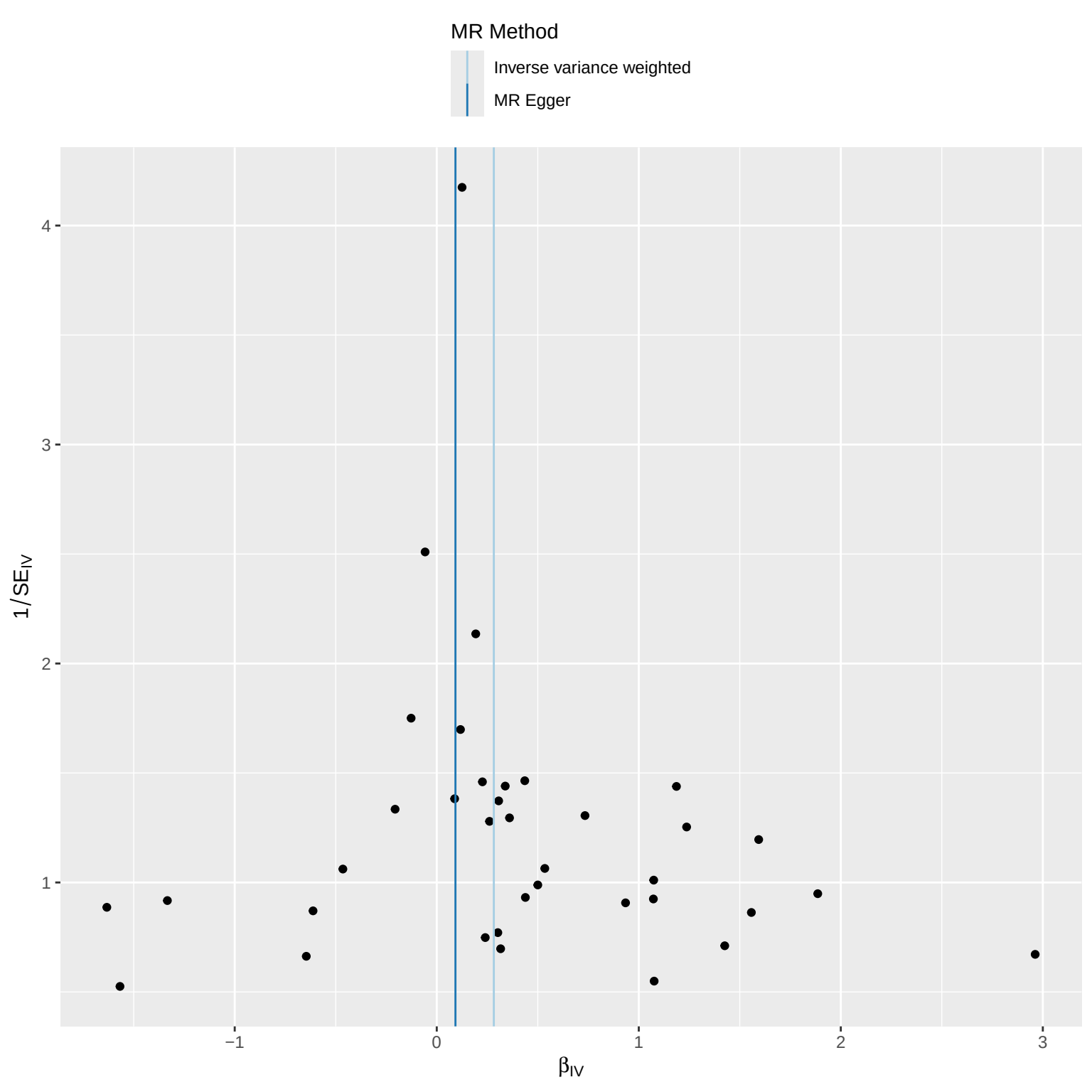

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

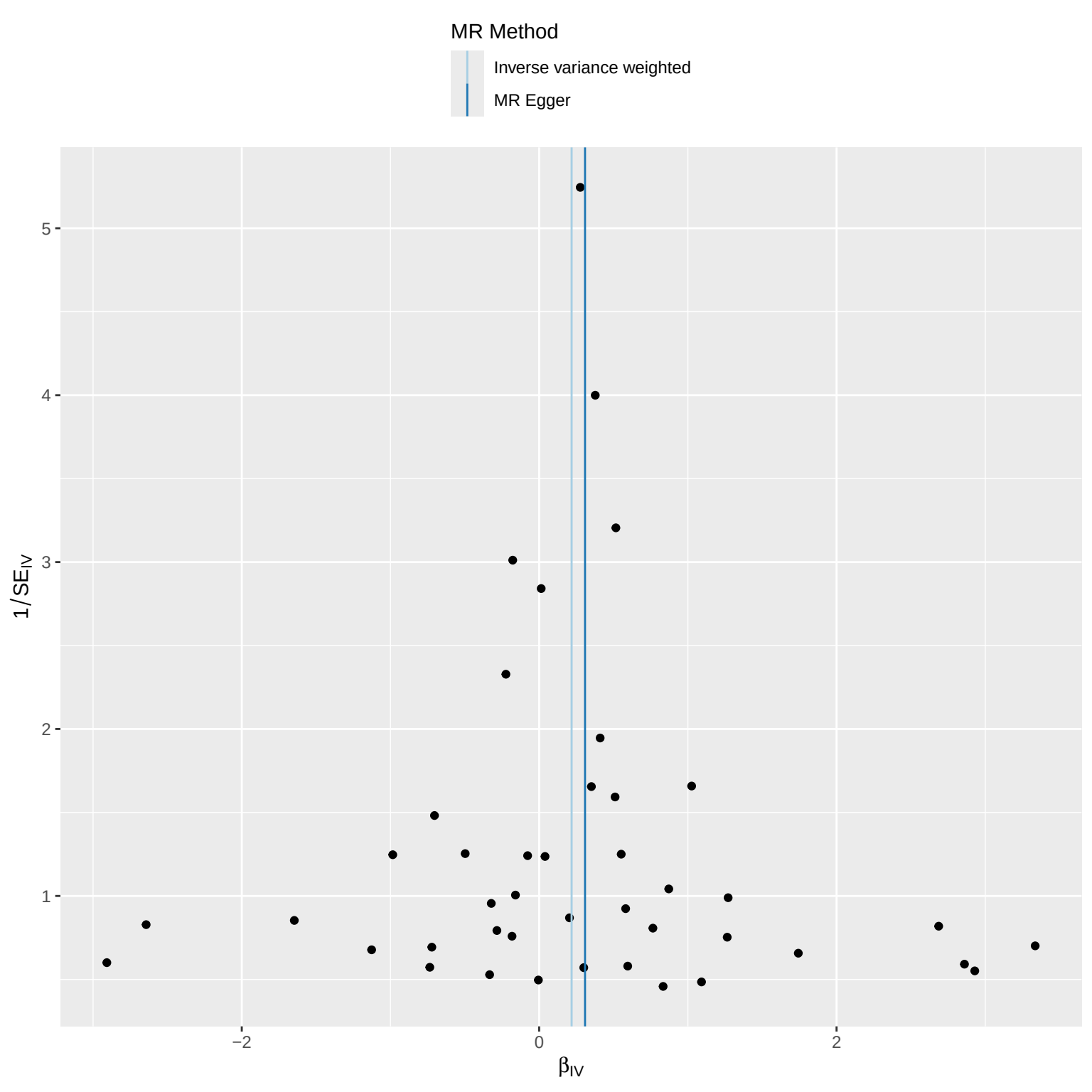

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
β_IV

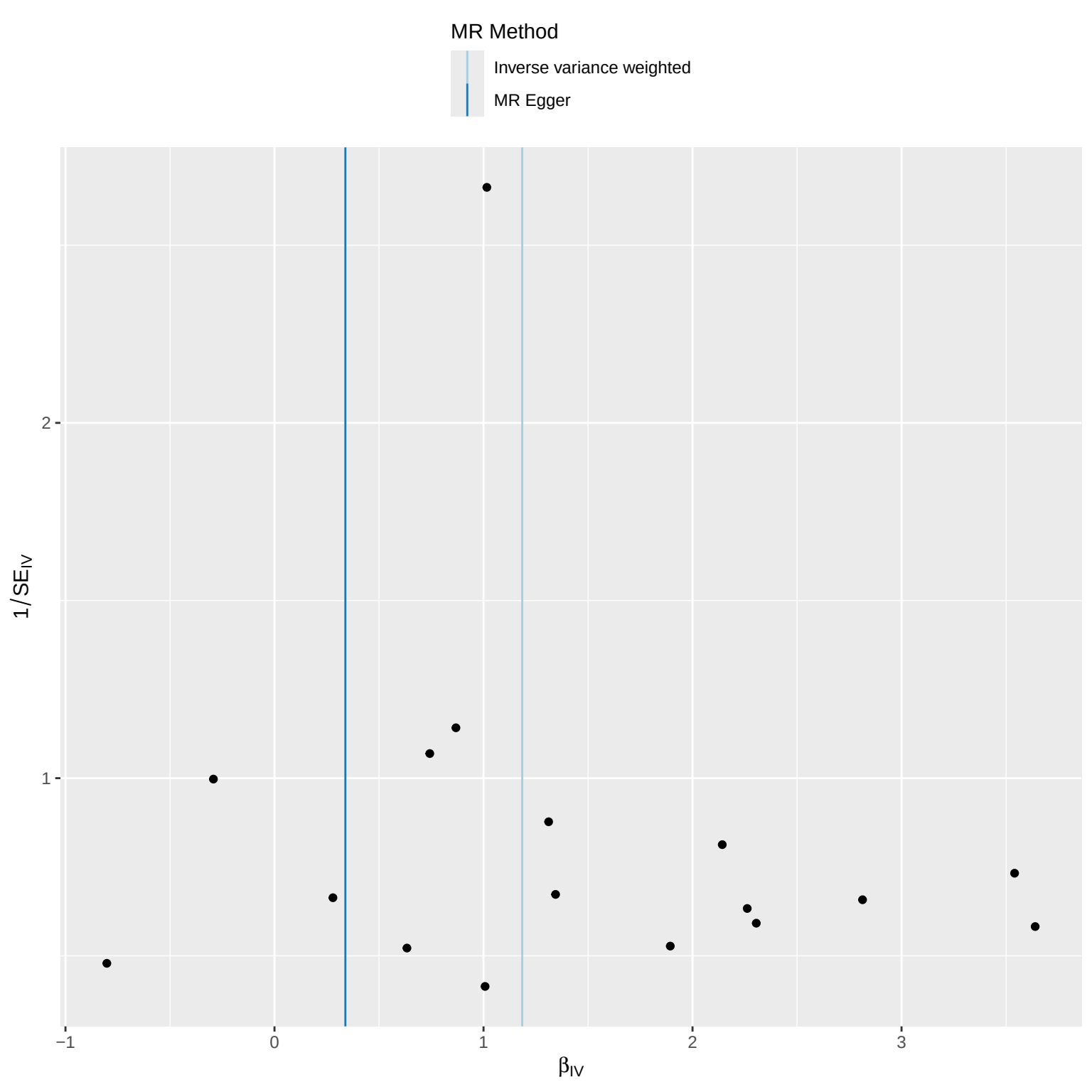

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

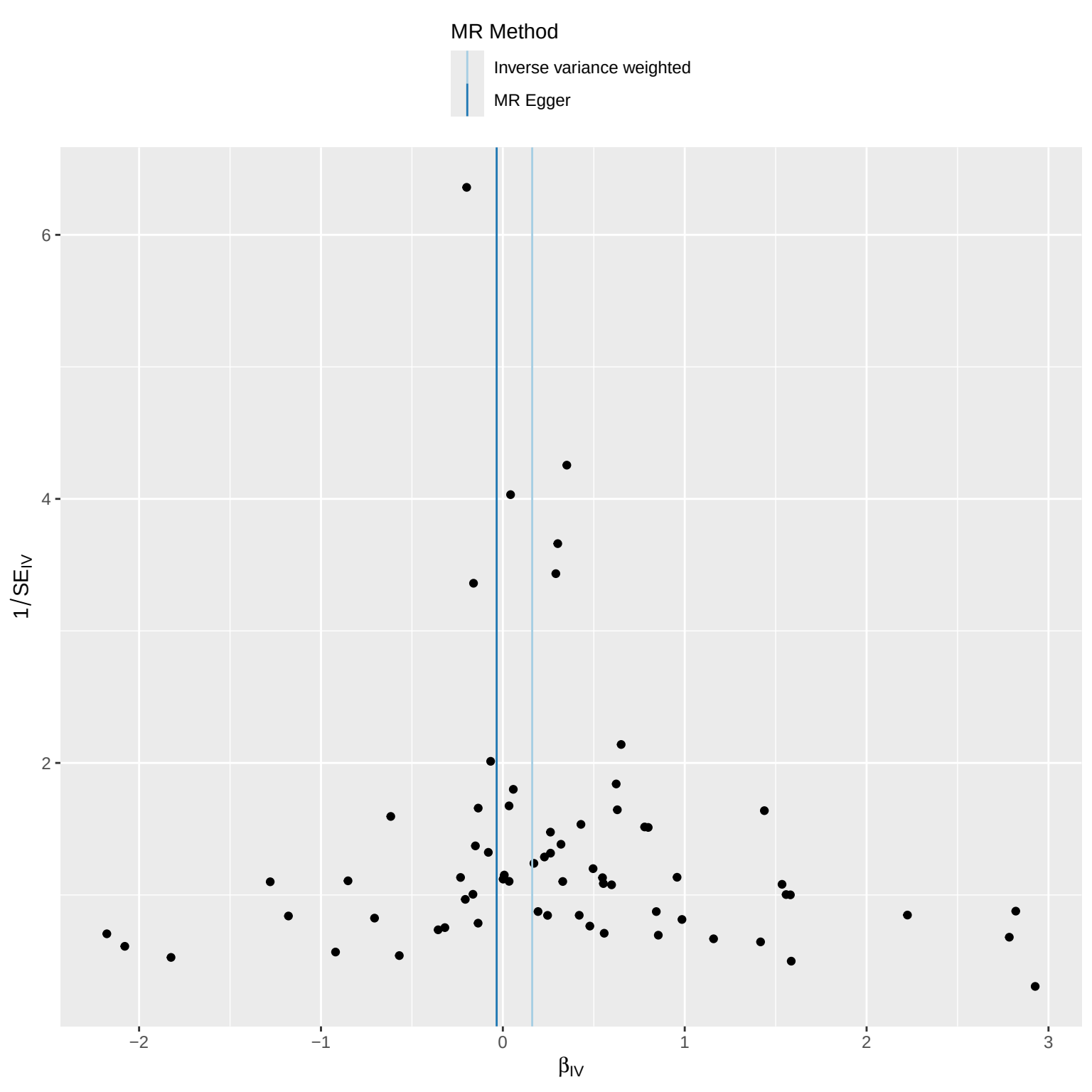

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

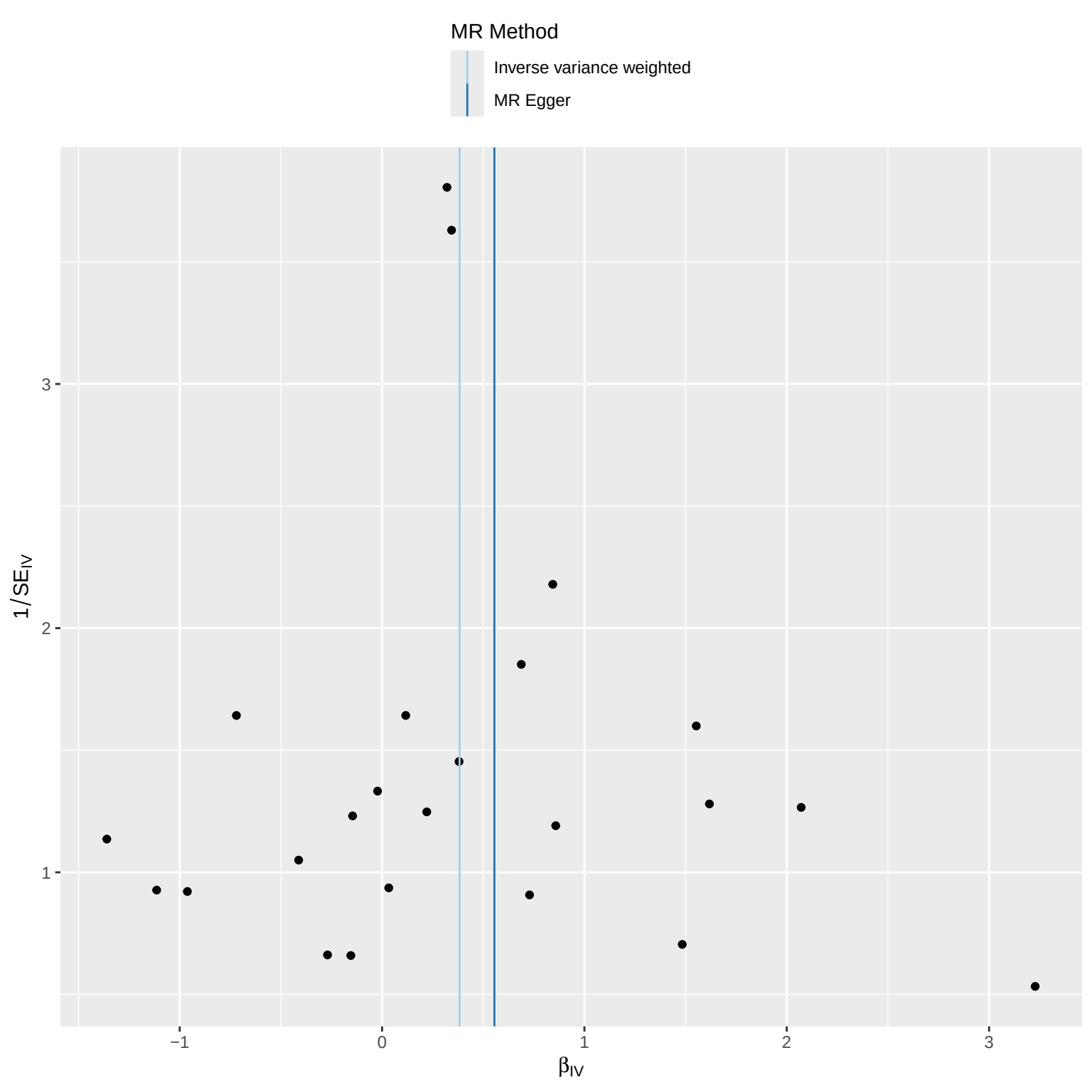

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

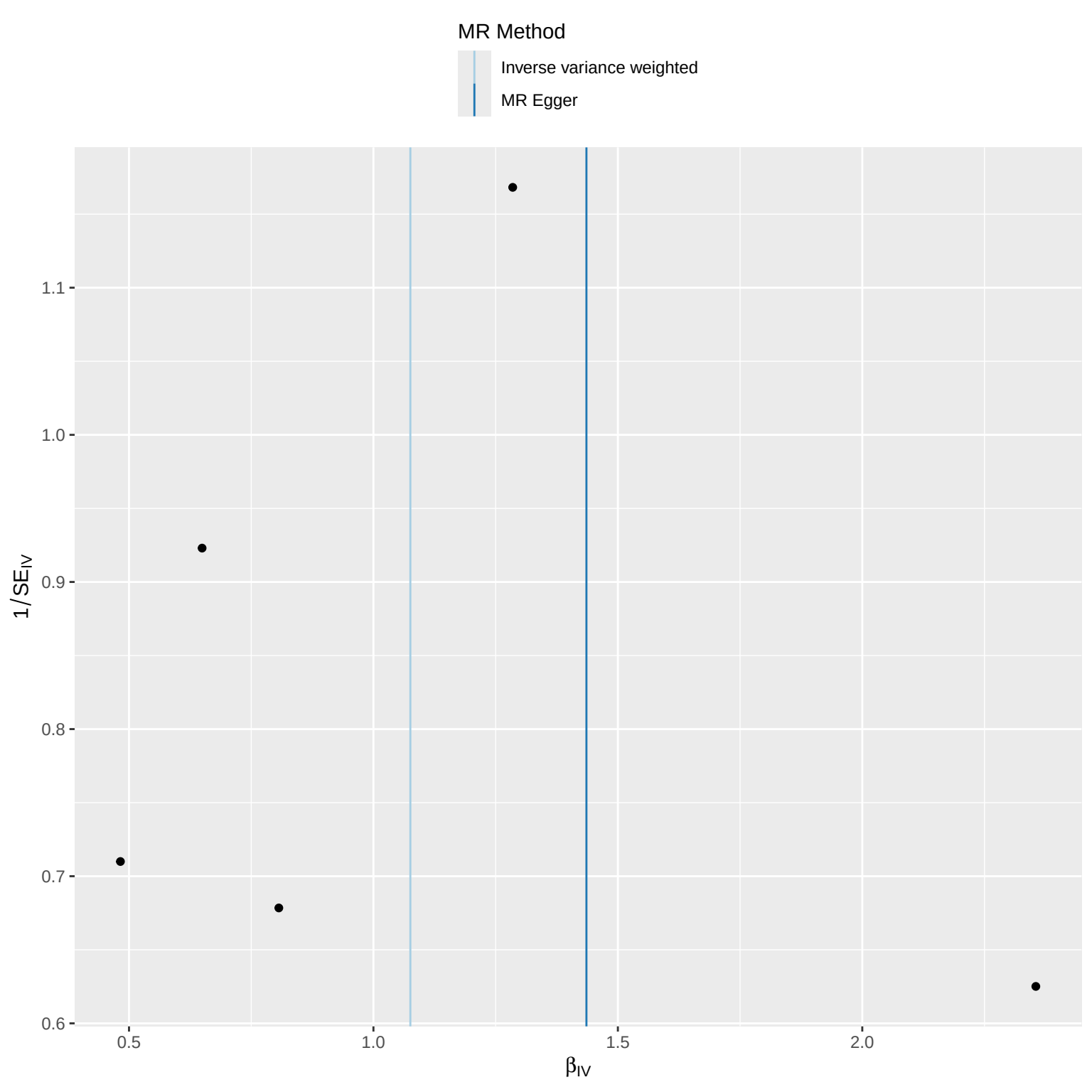

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

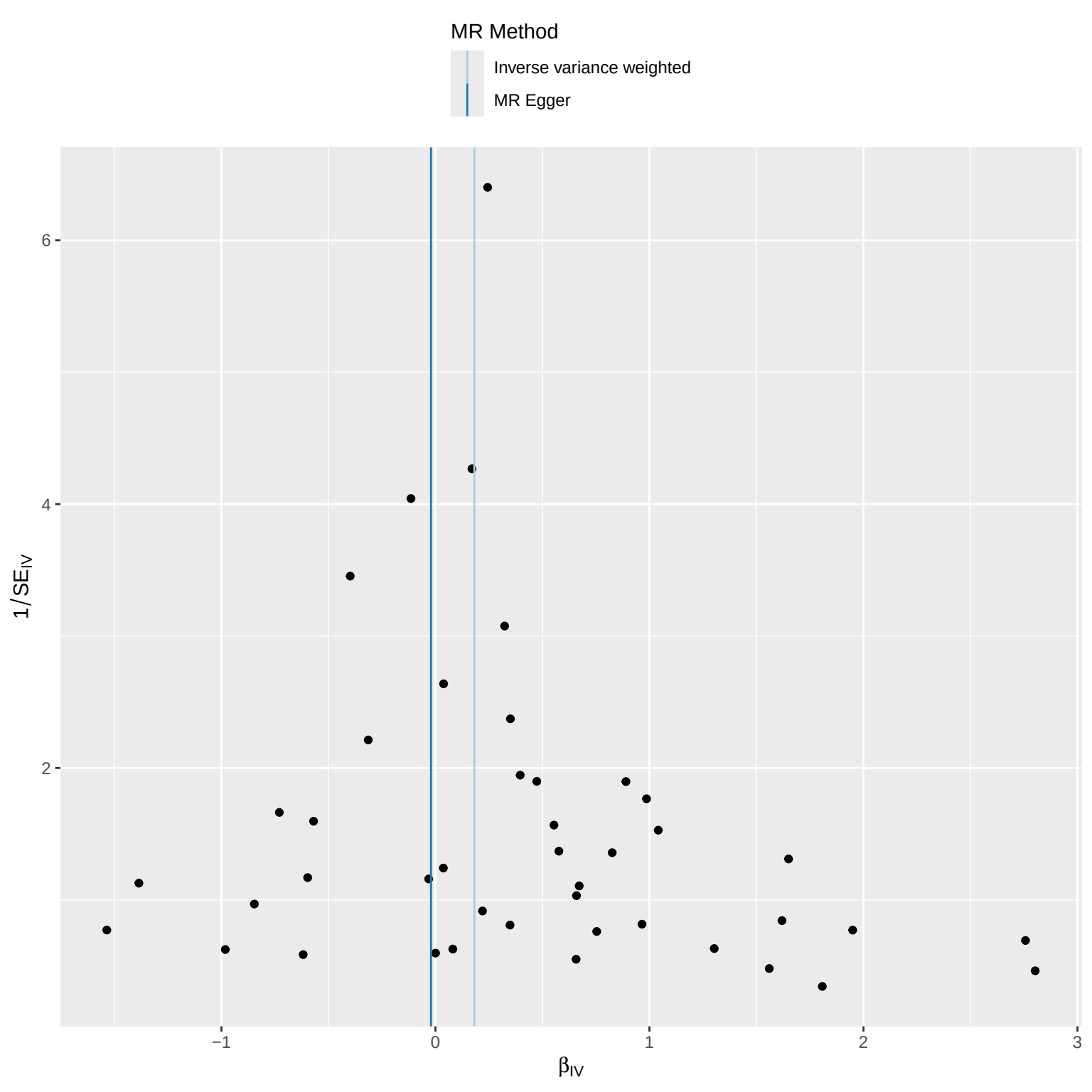

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

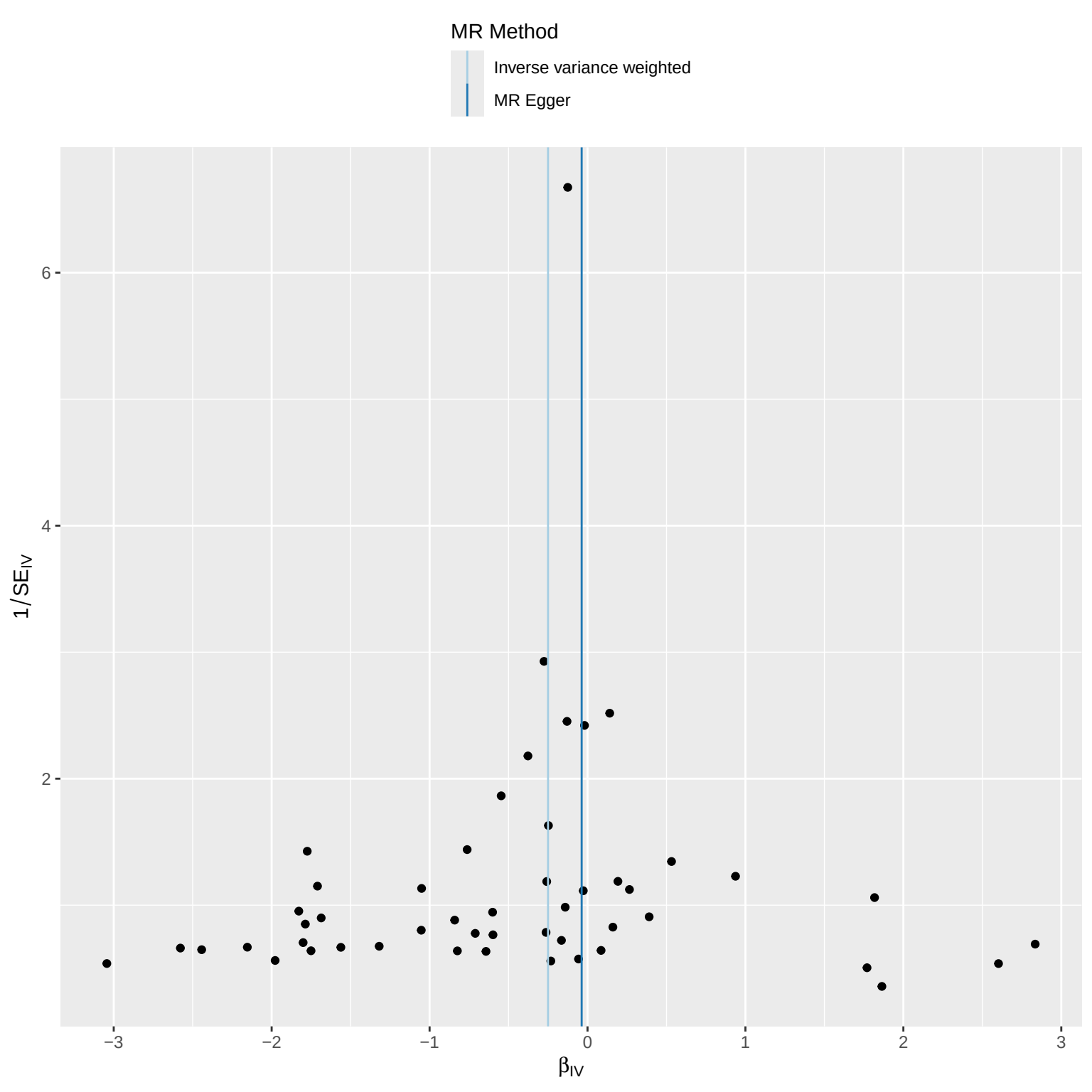

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

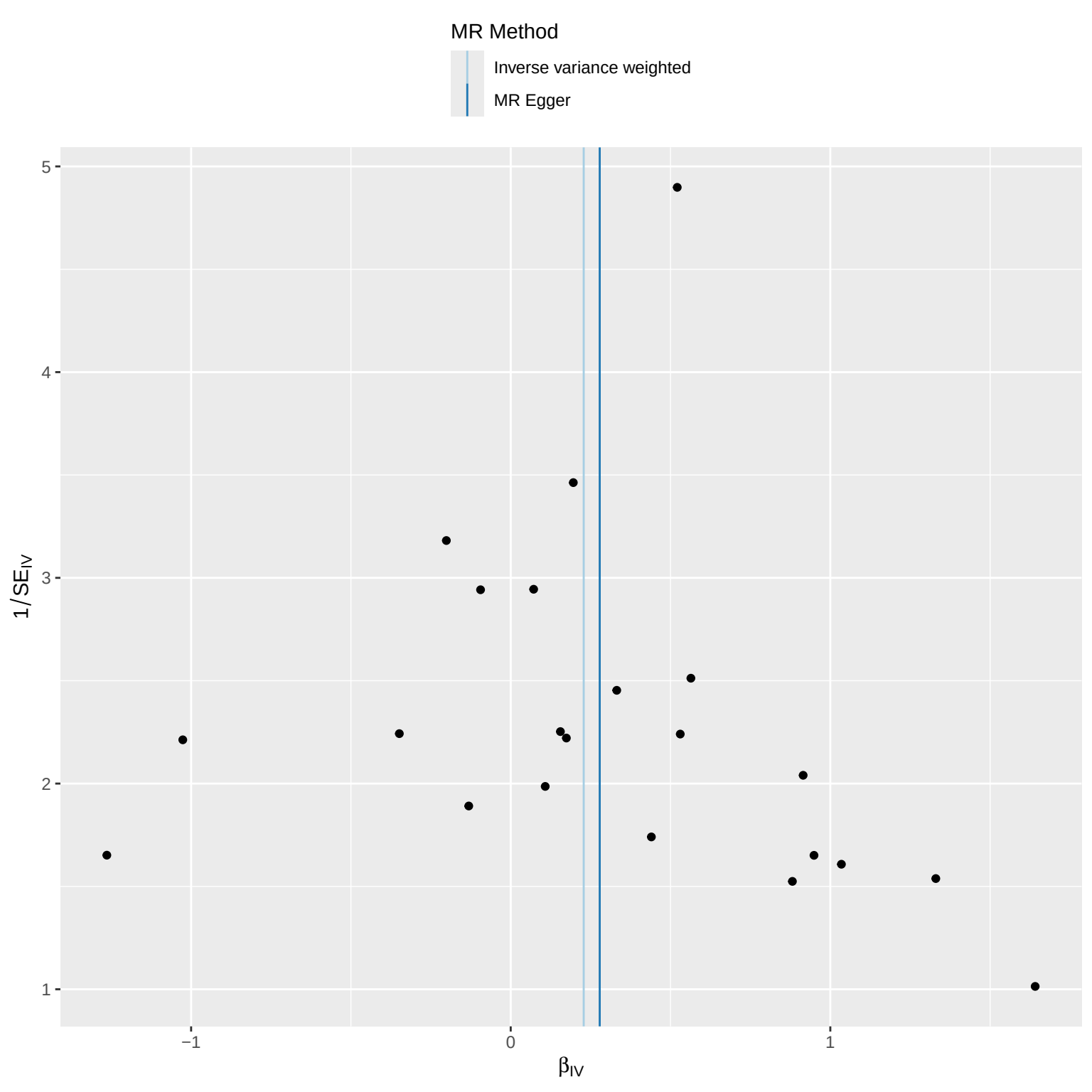

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

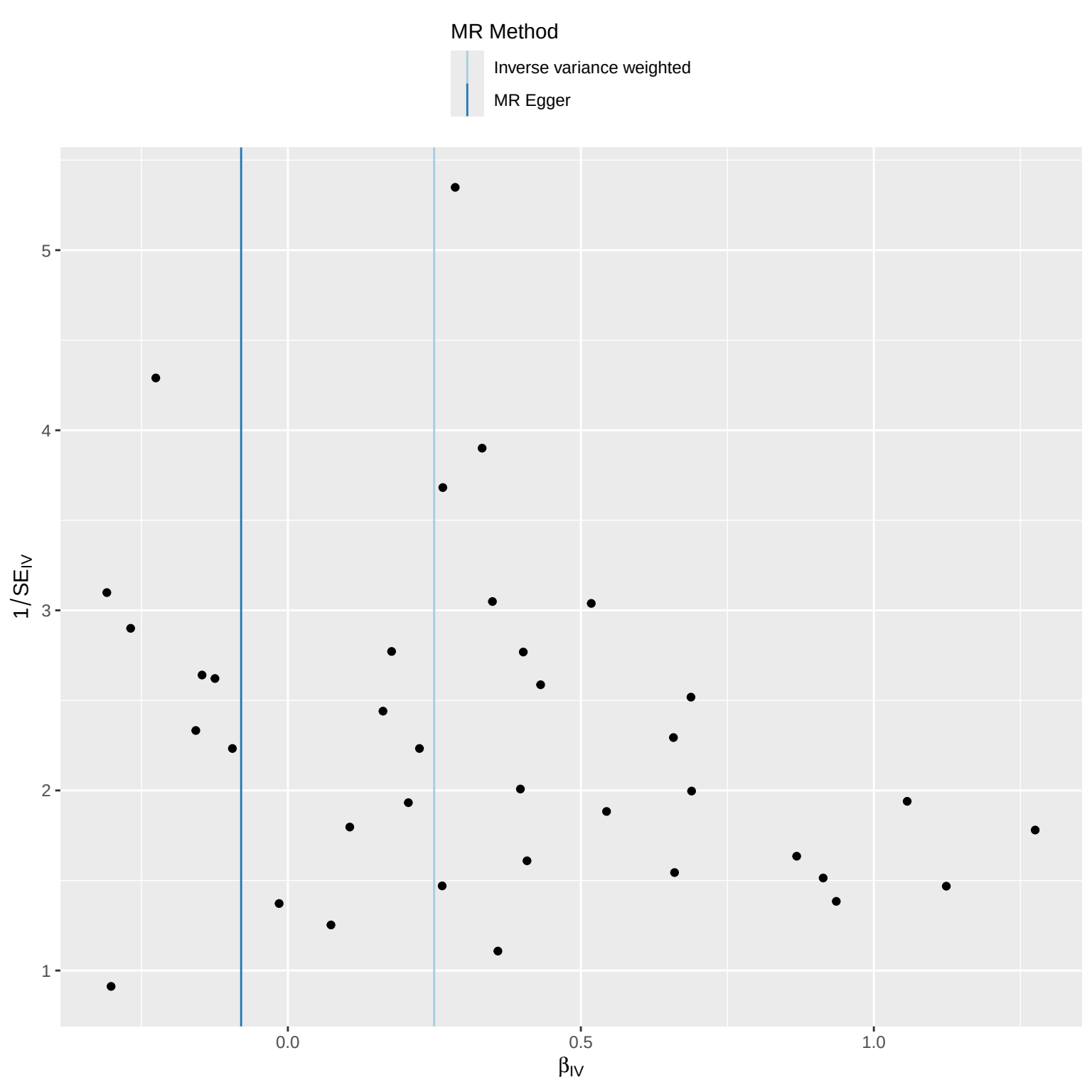

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

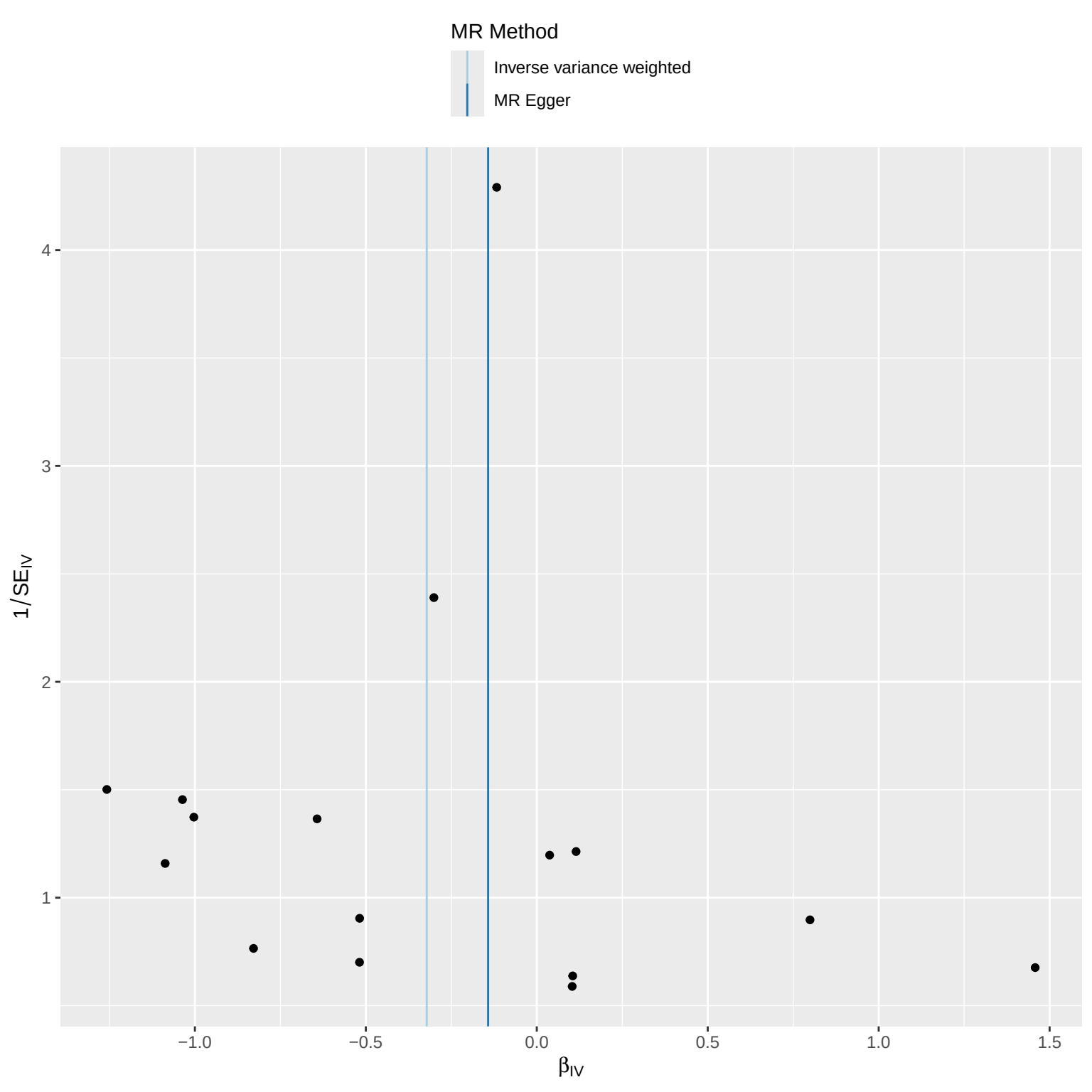

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
0.6
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

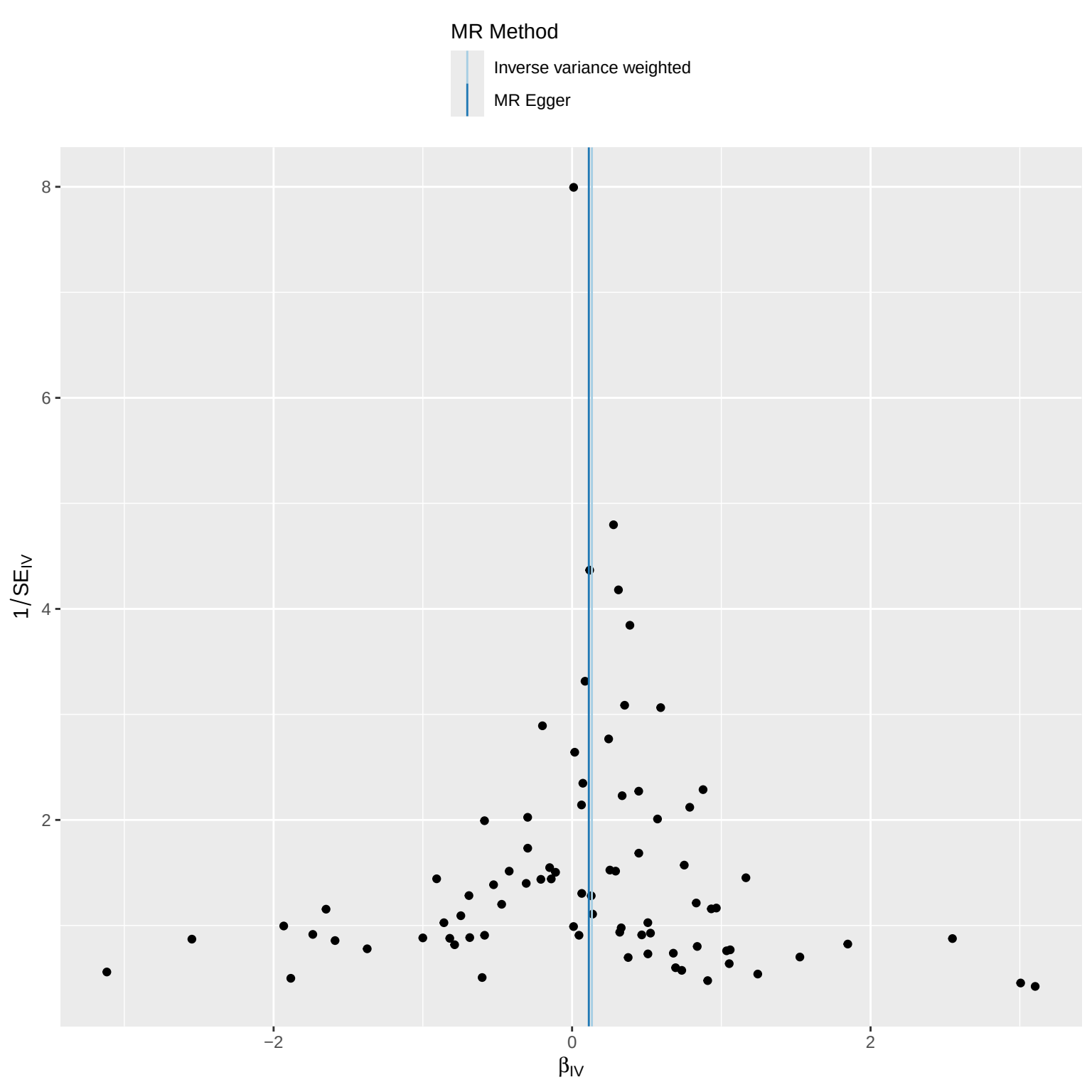

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
3
β_IV

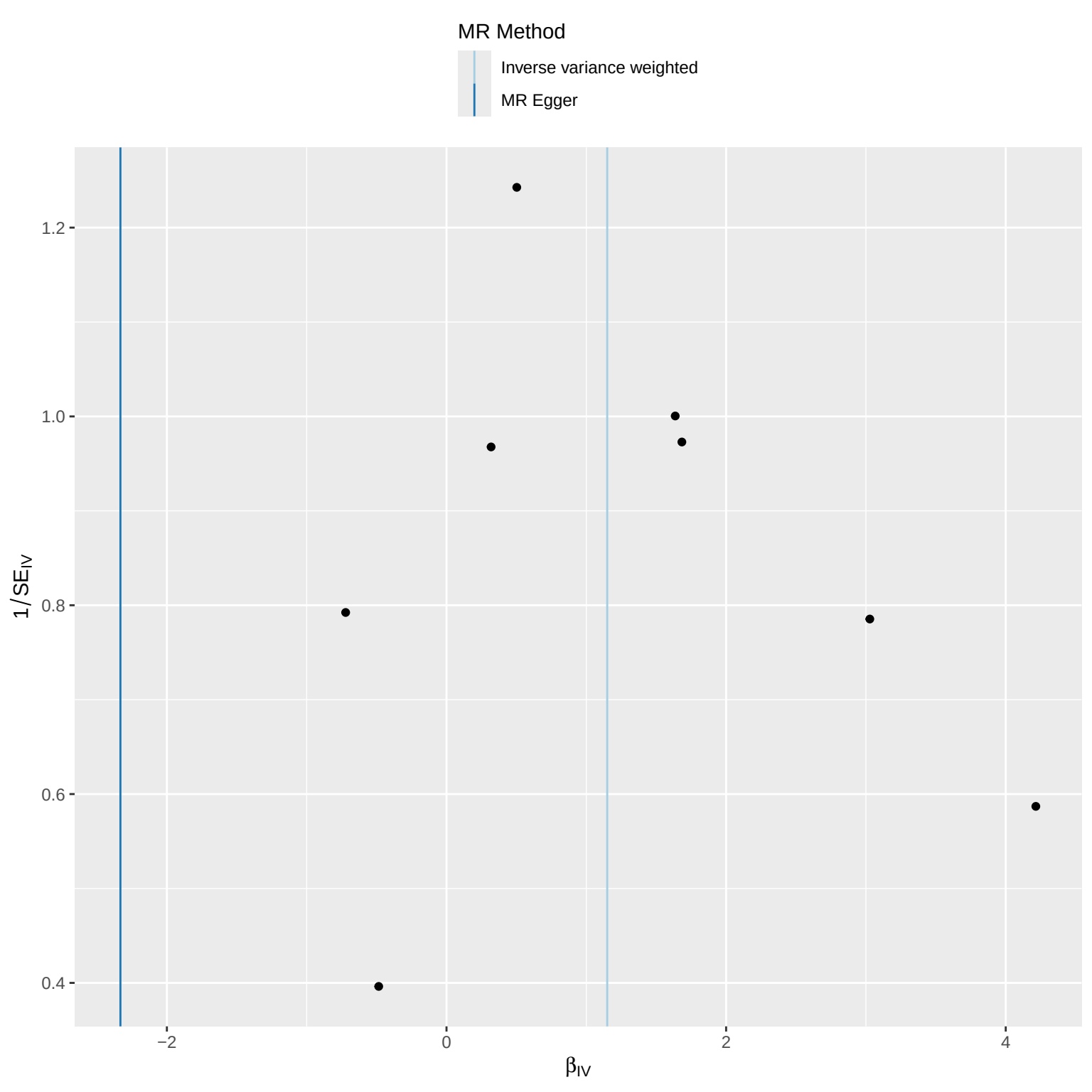

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

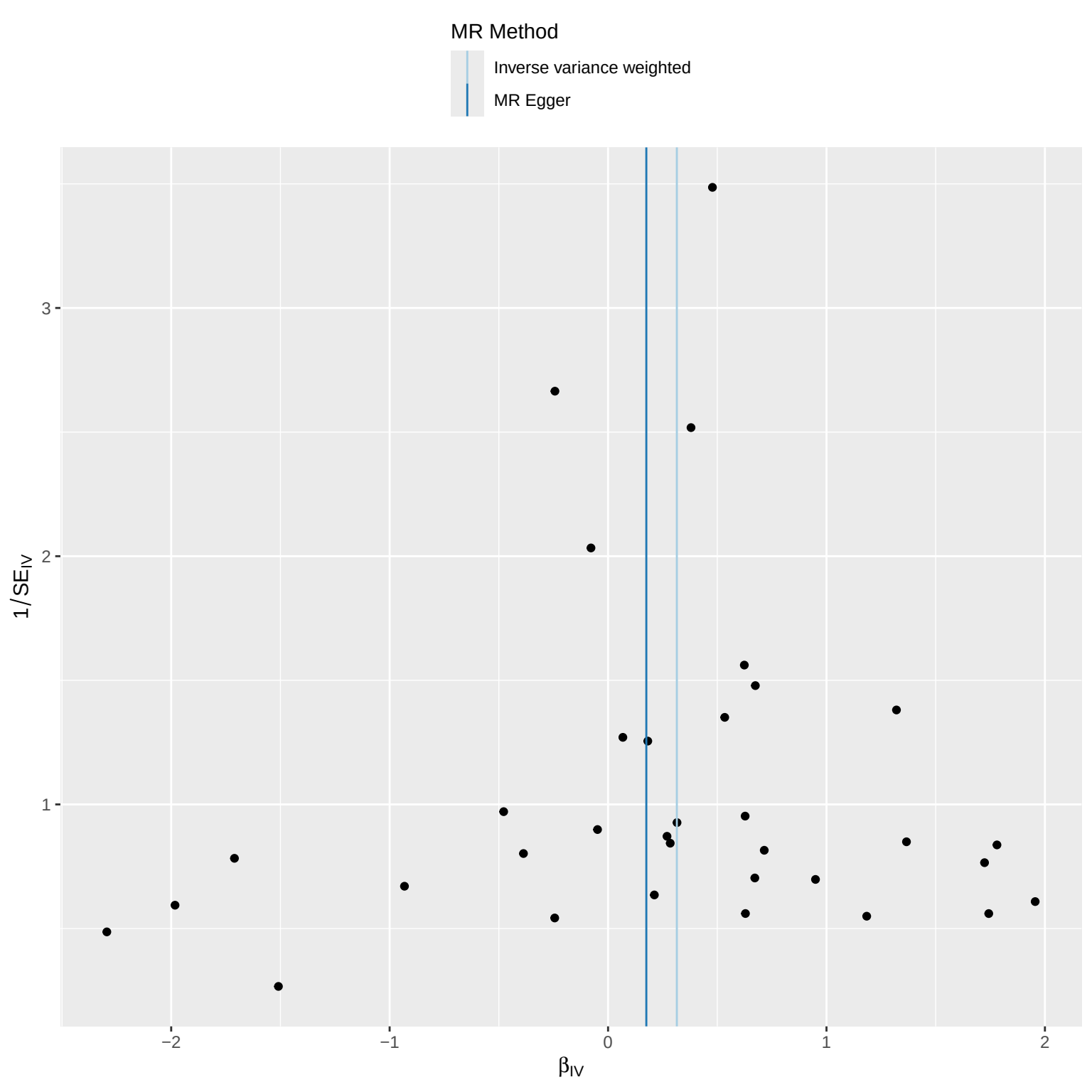

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

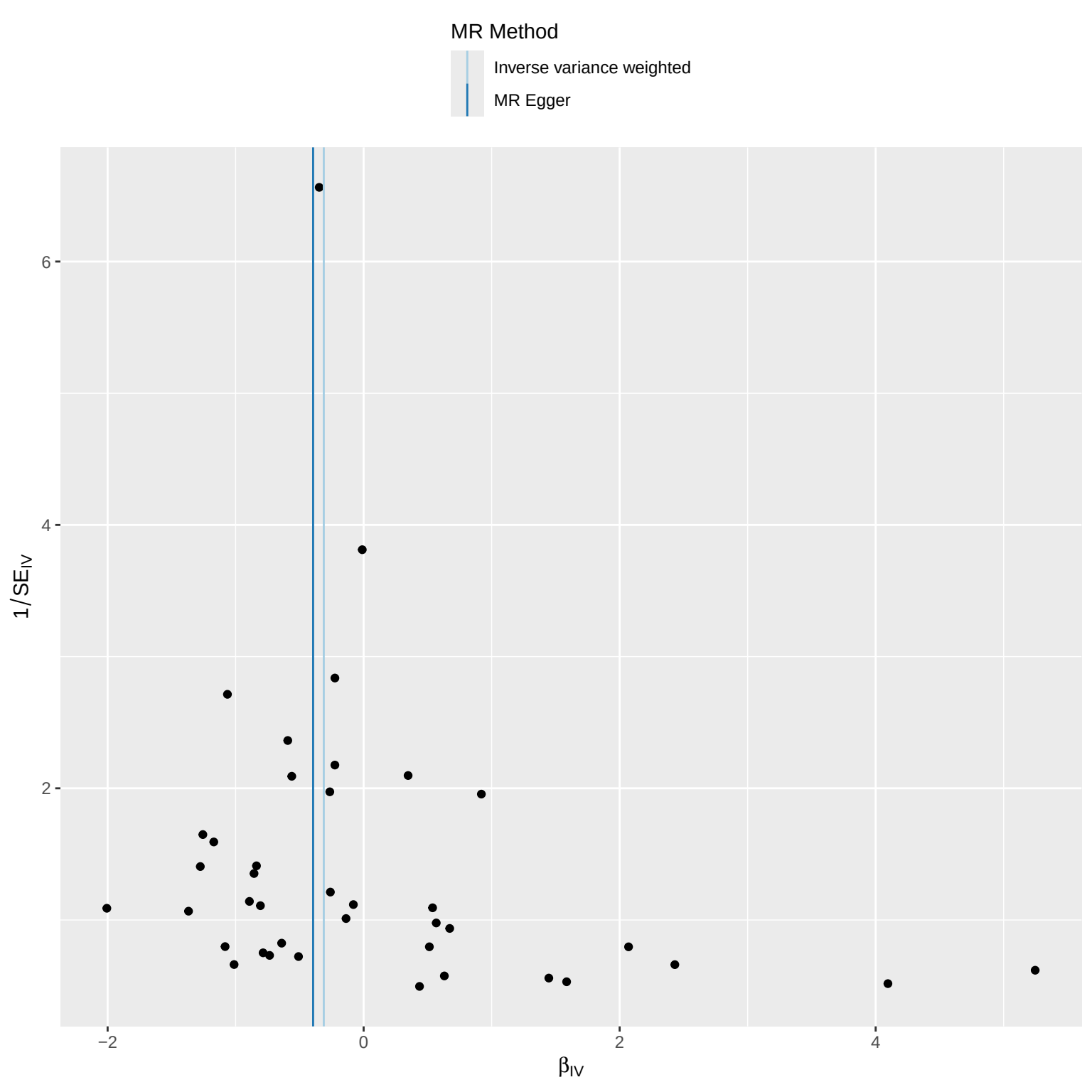

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
β_IV

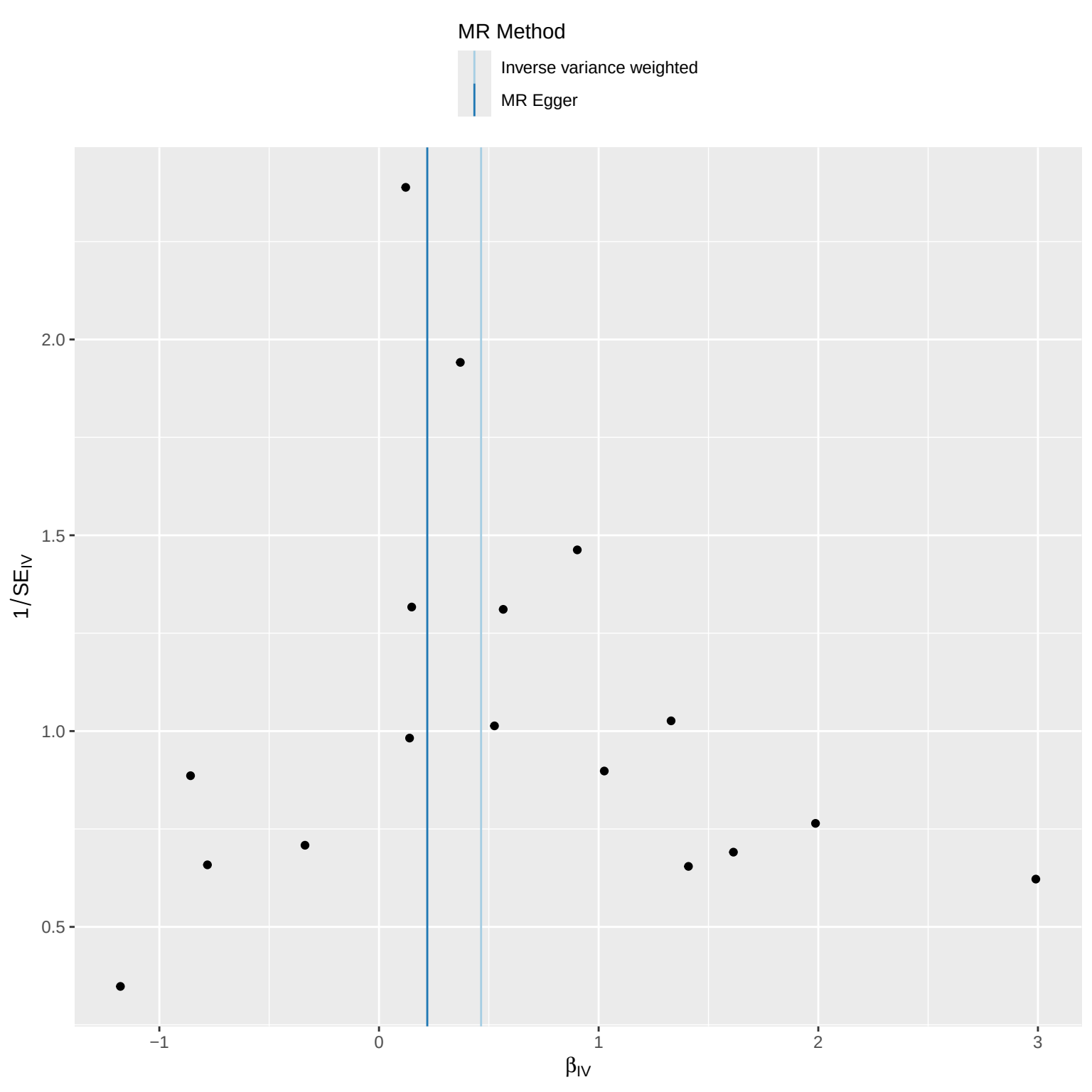

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

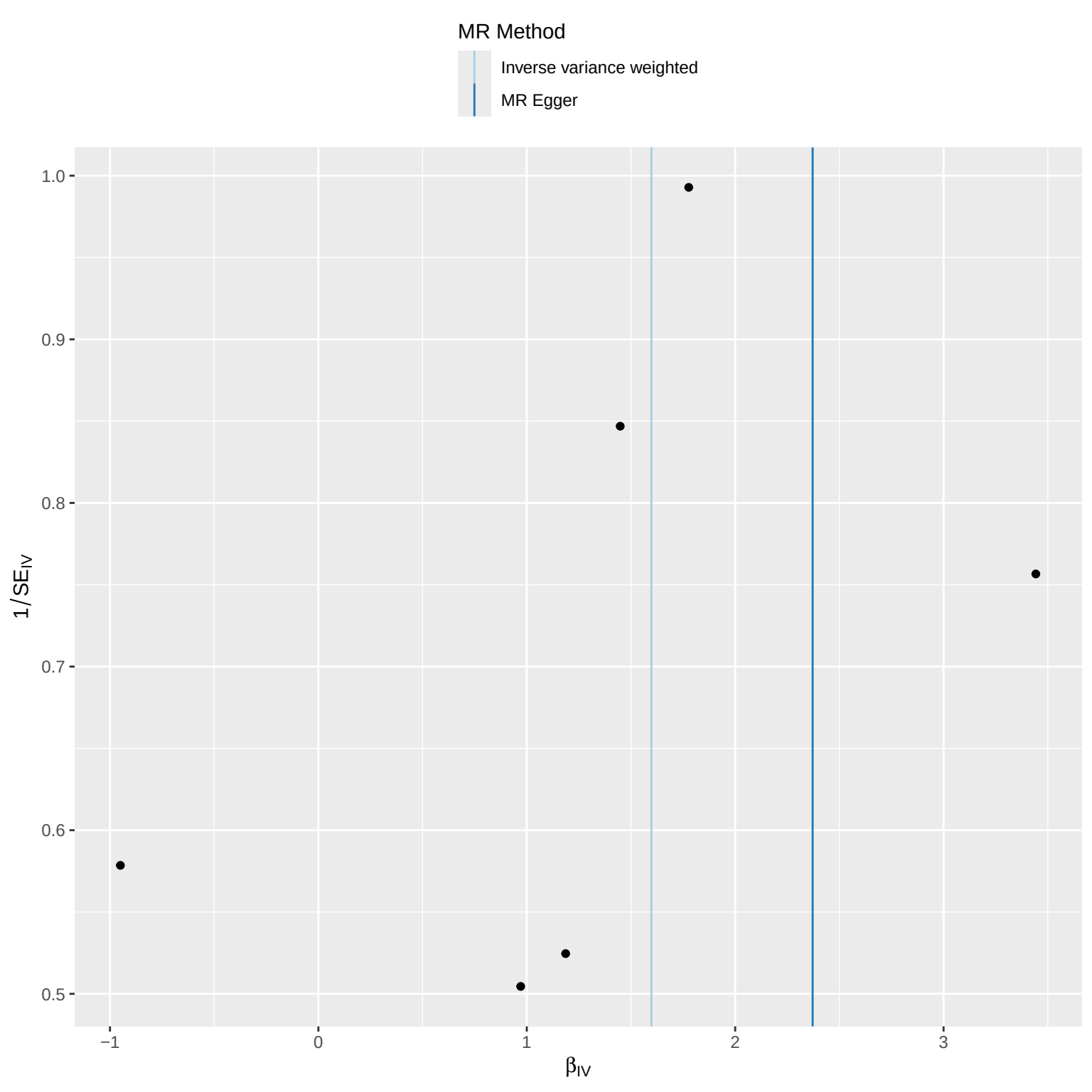

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
0
2
β_IV

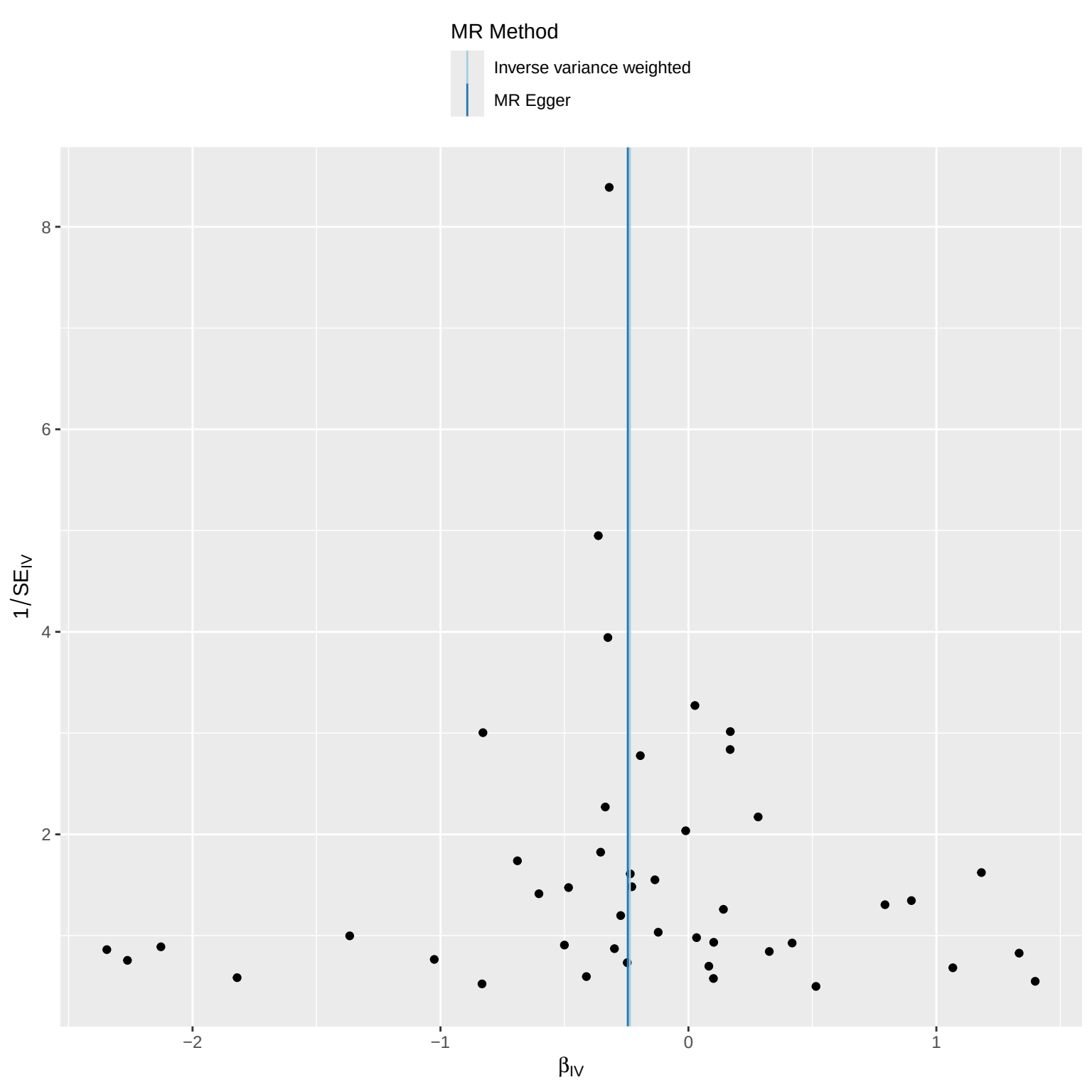

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
0
2
4
β_IV

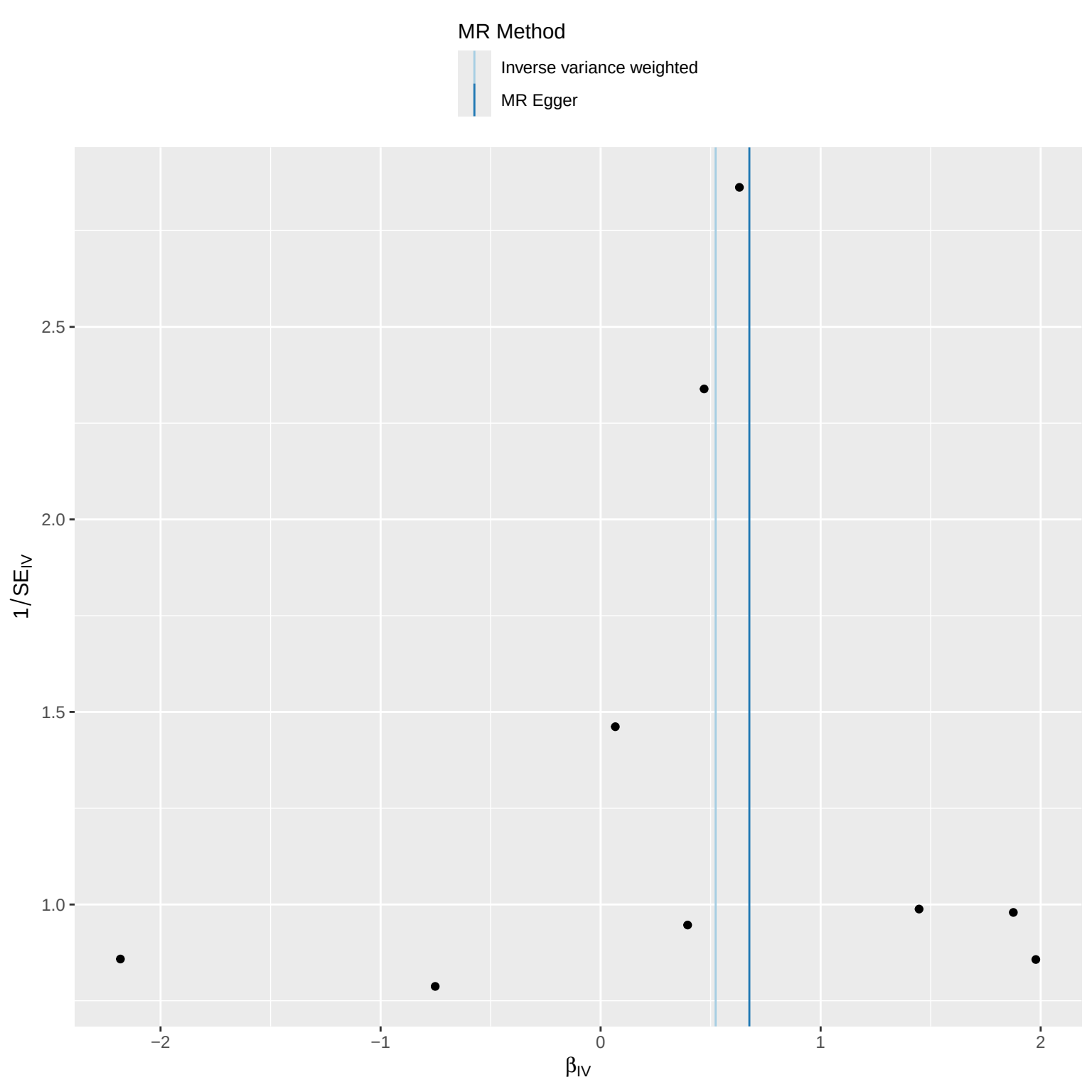

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

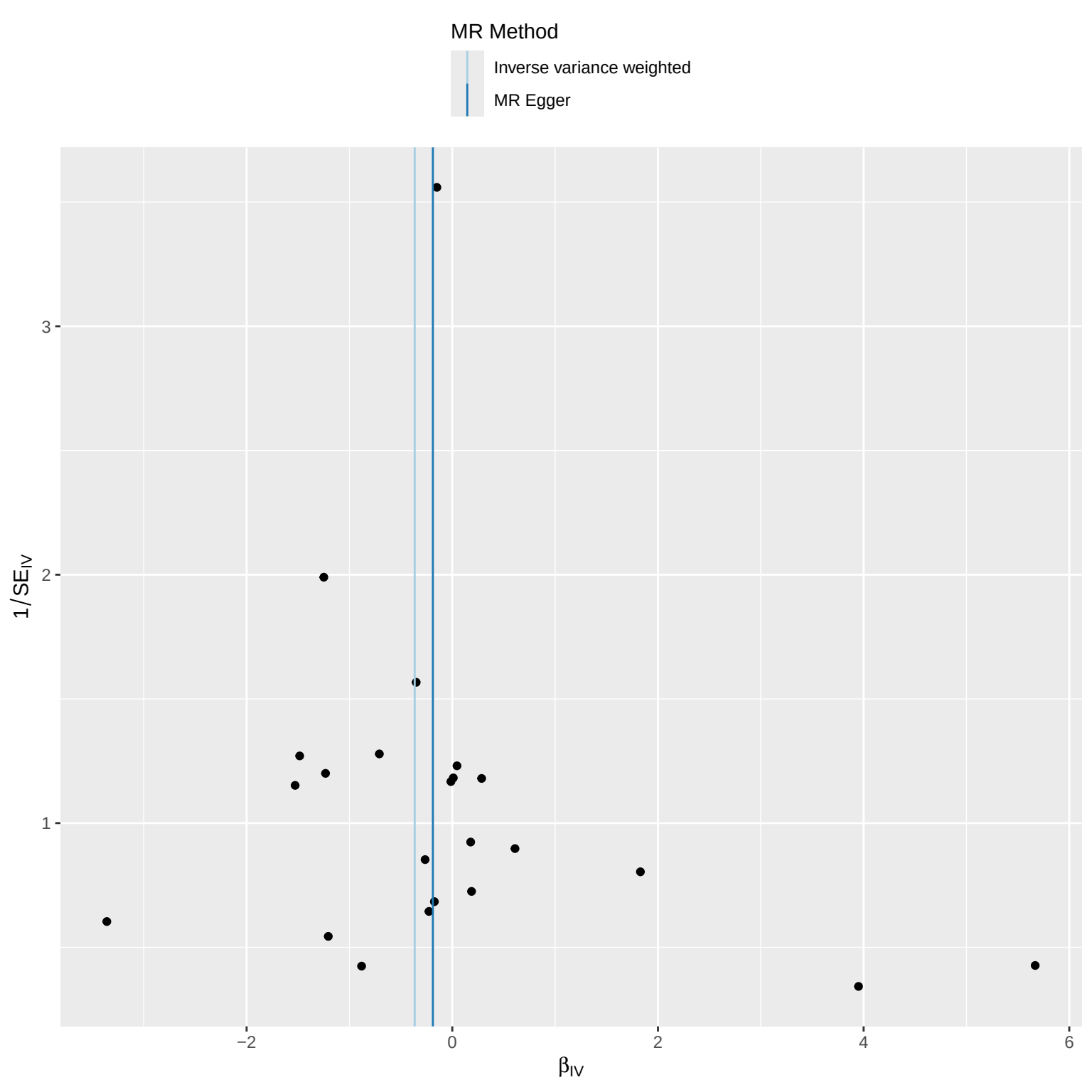

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
4
β_IV

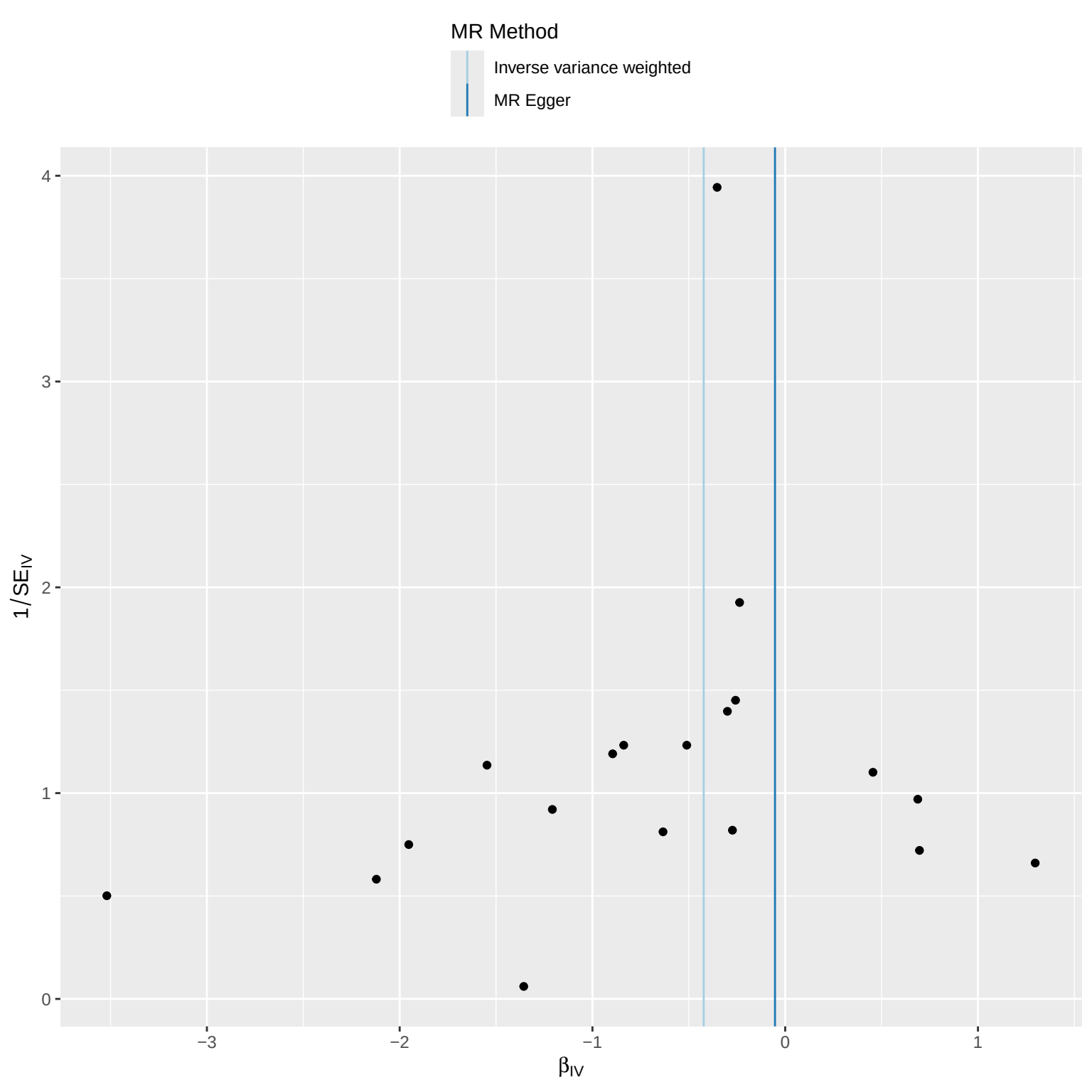

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

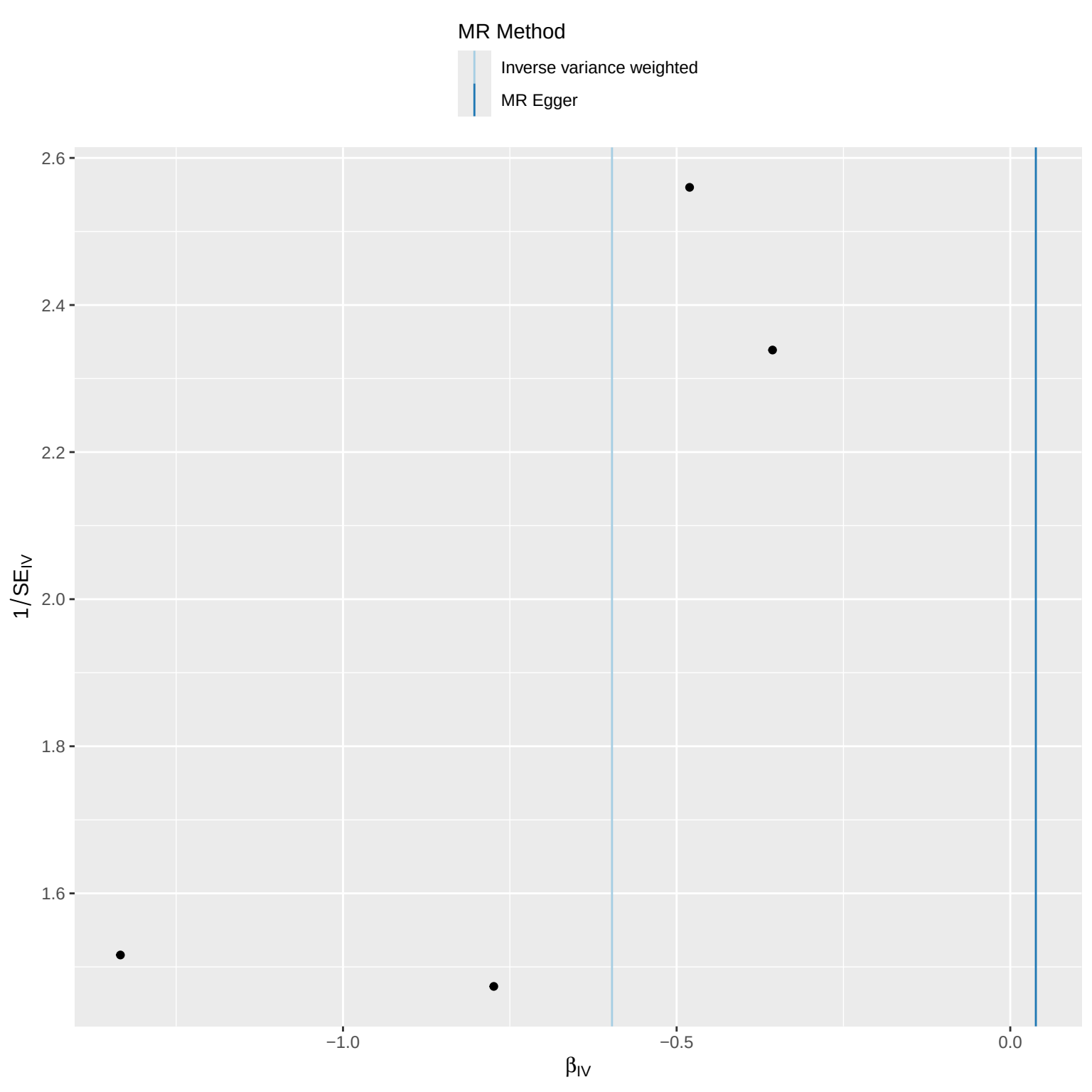

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−1
0
1
2
3
β_IV

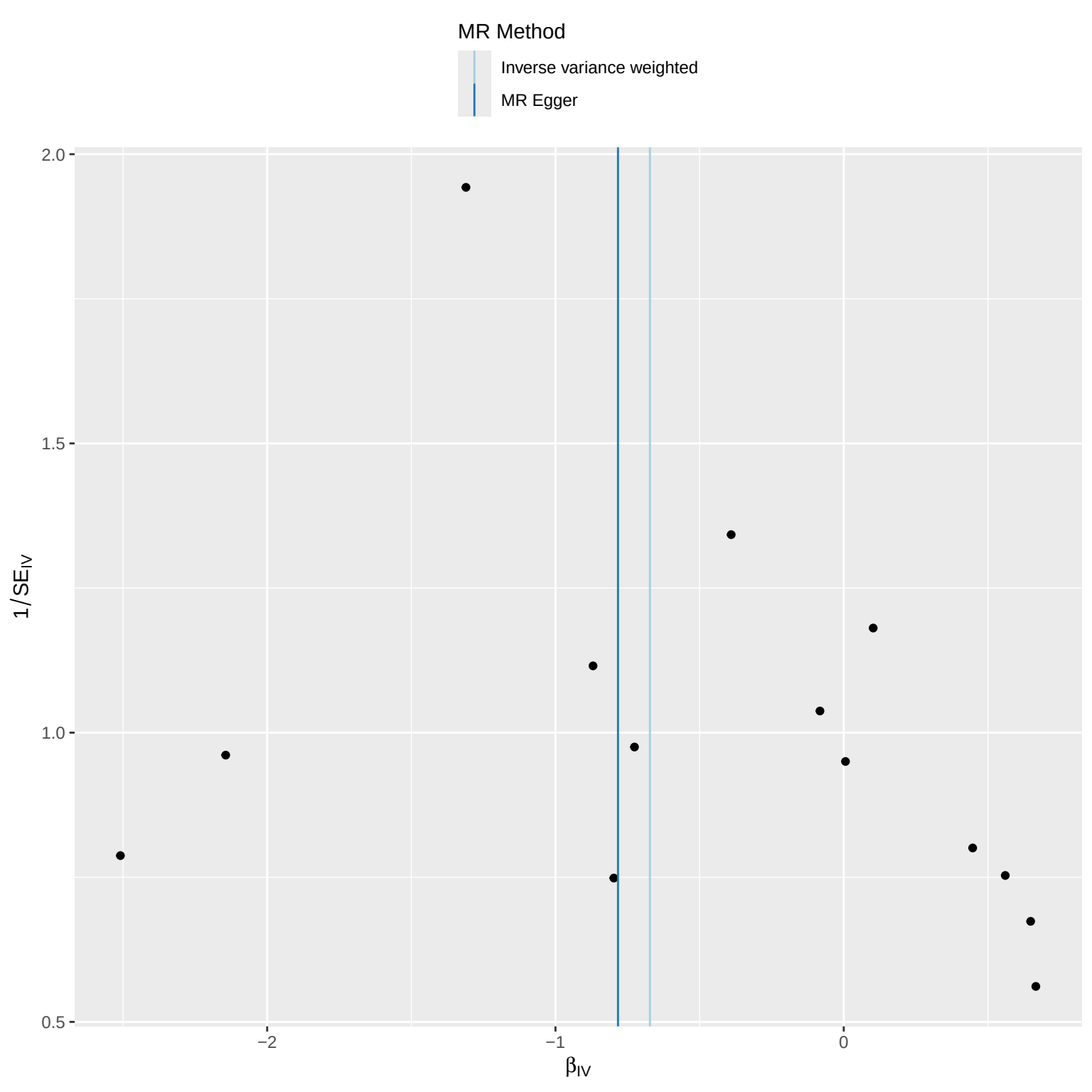

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

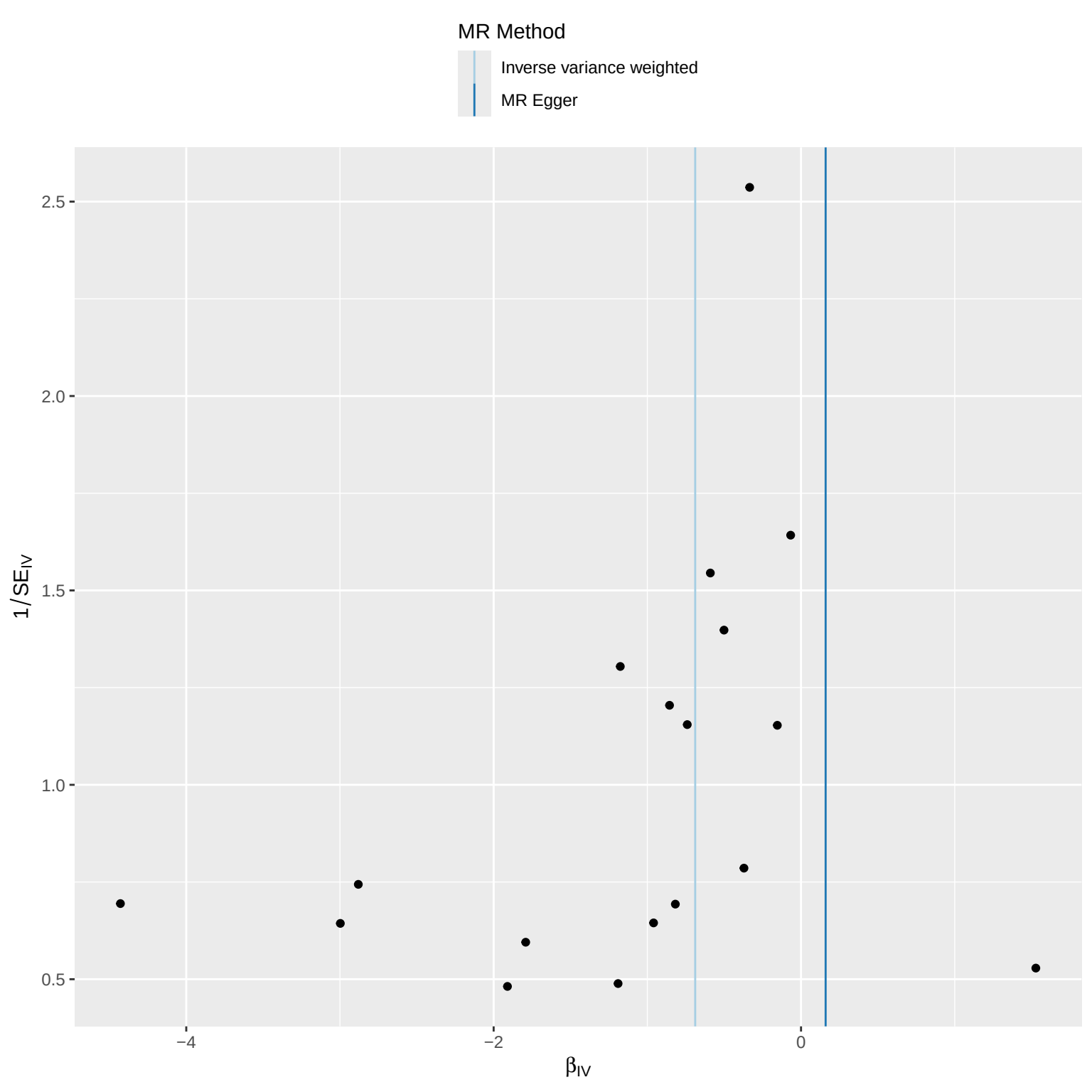

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
2
β_IV

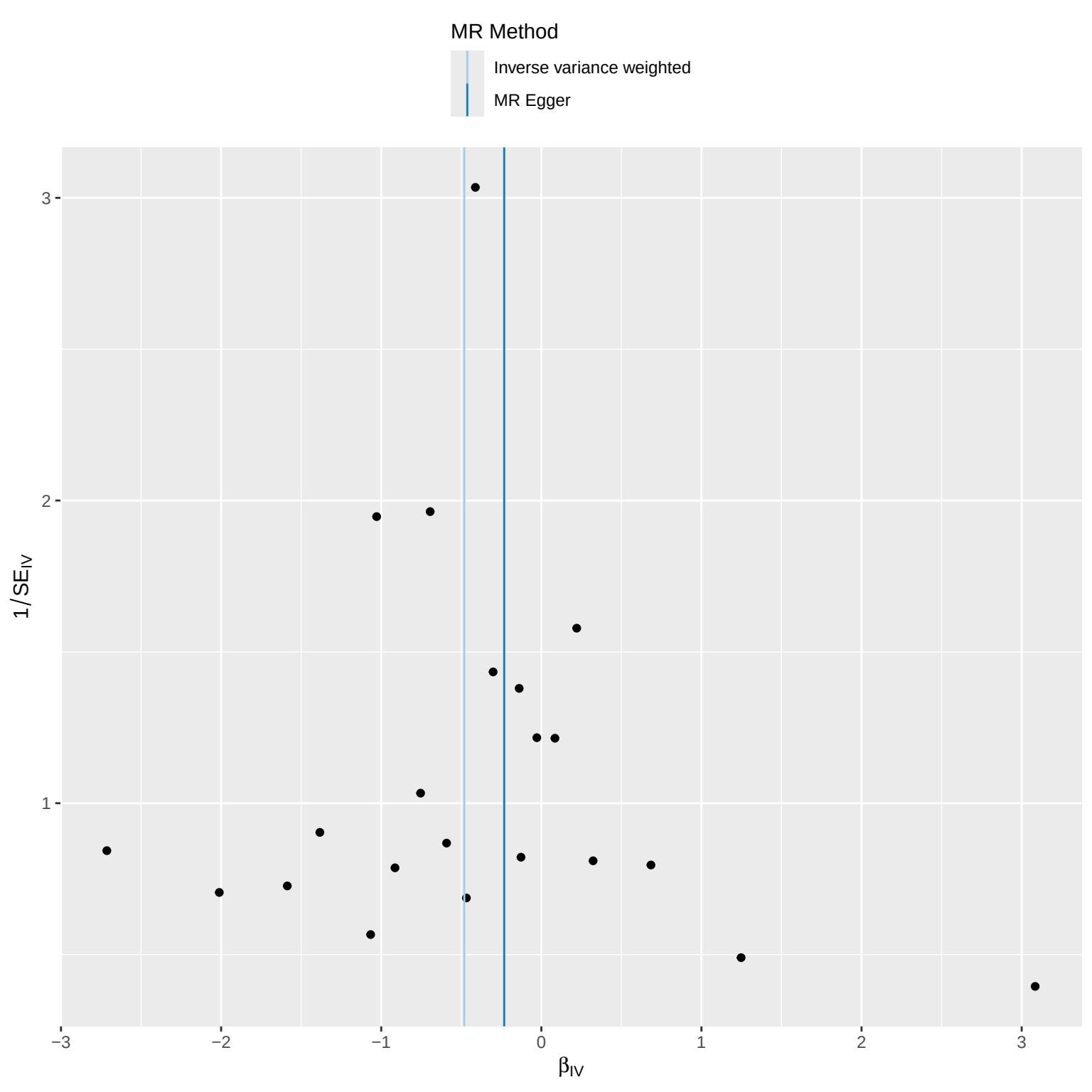

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

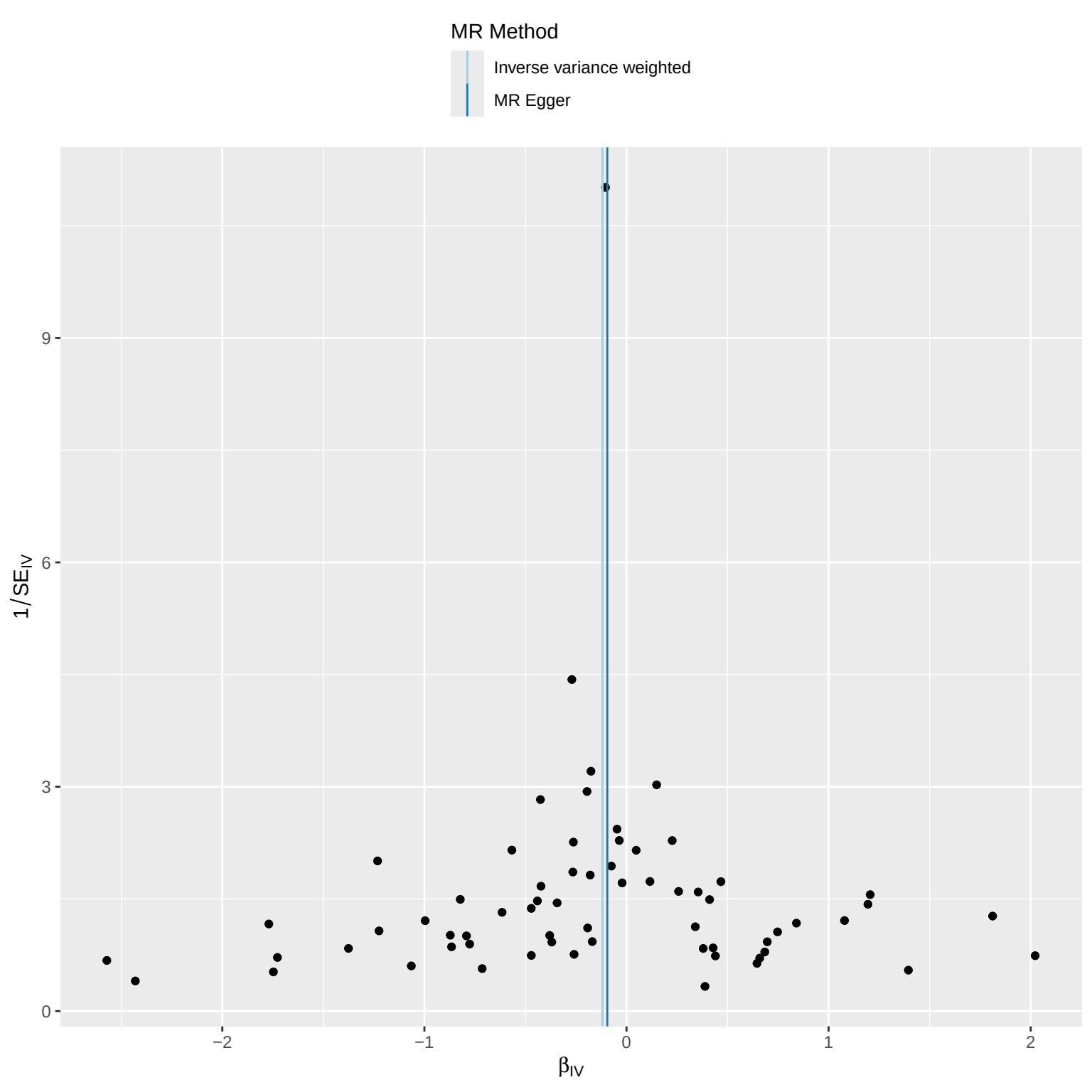

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−3
−2
−1
0
1
β_IV

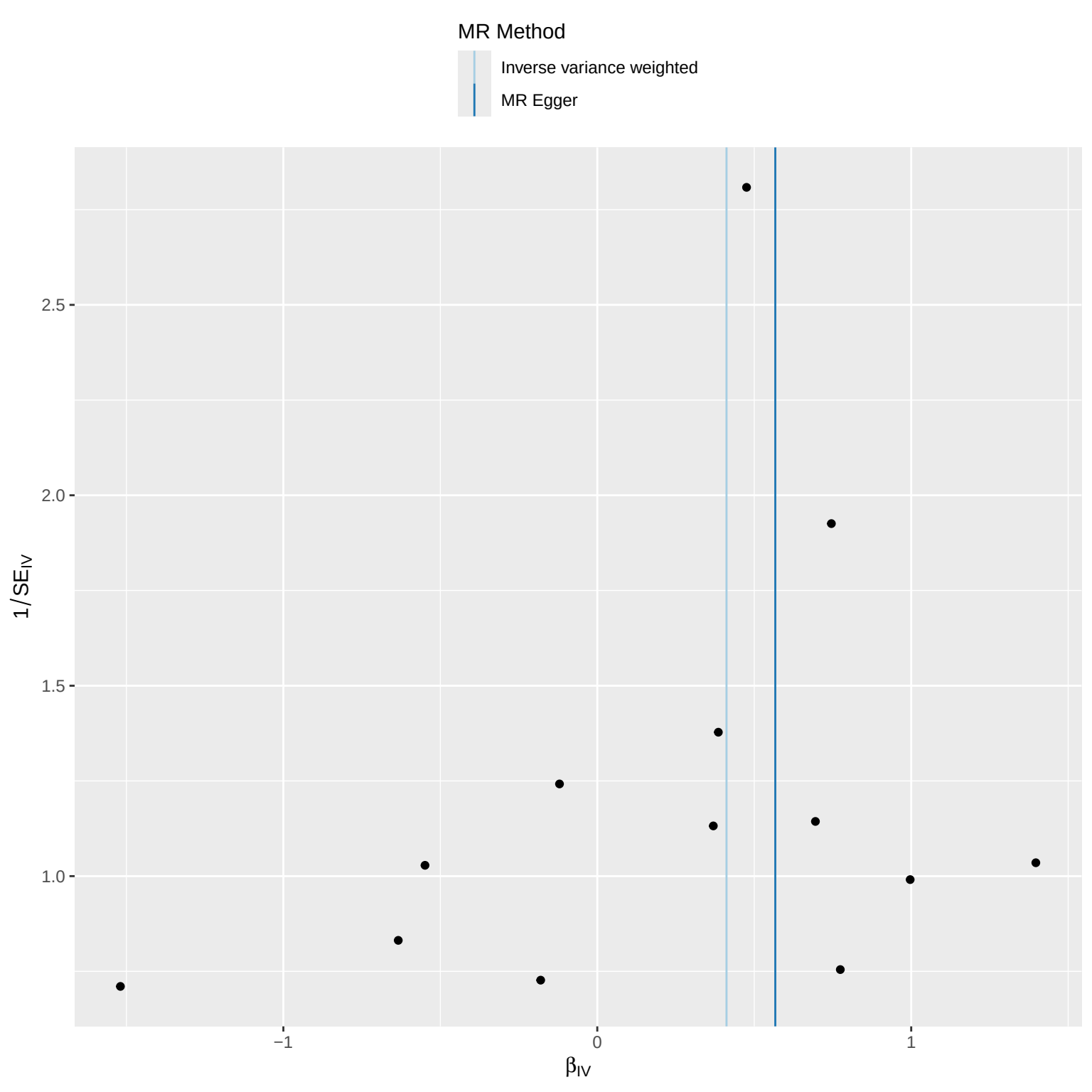

MR Method
Inverse variance weighted
MR Egger
2.6
2.4
2.2
2.0
1.8
1.6
1/SE_IV
−1.0
−0.5
0.0
β_IV

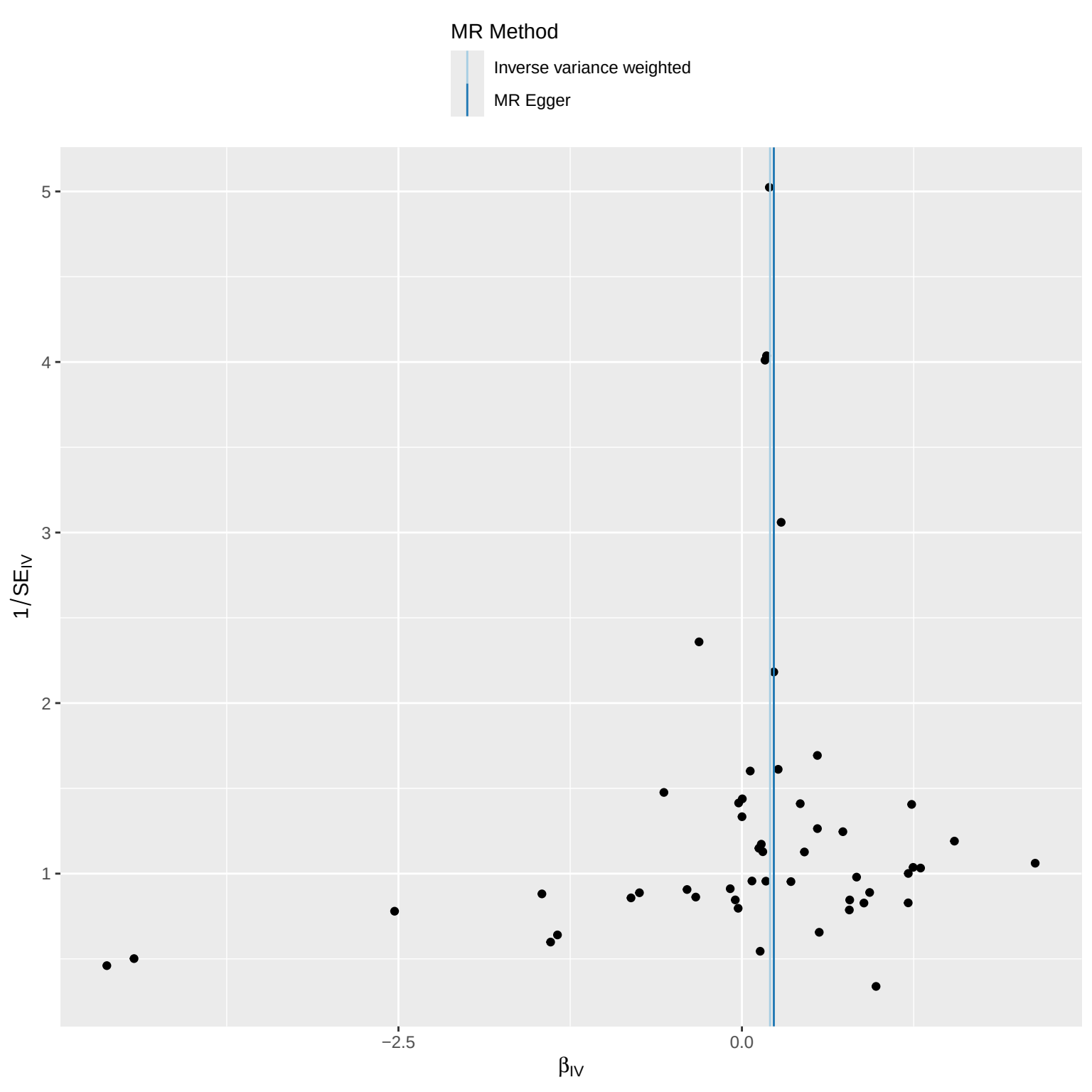

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

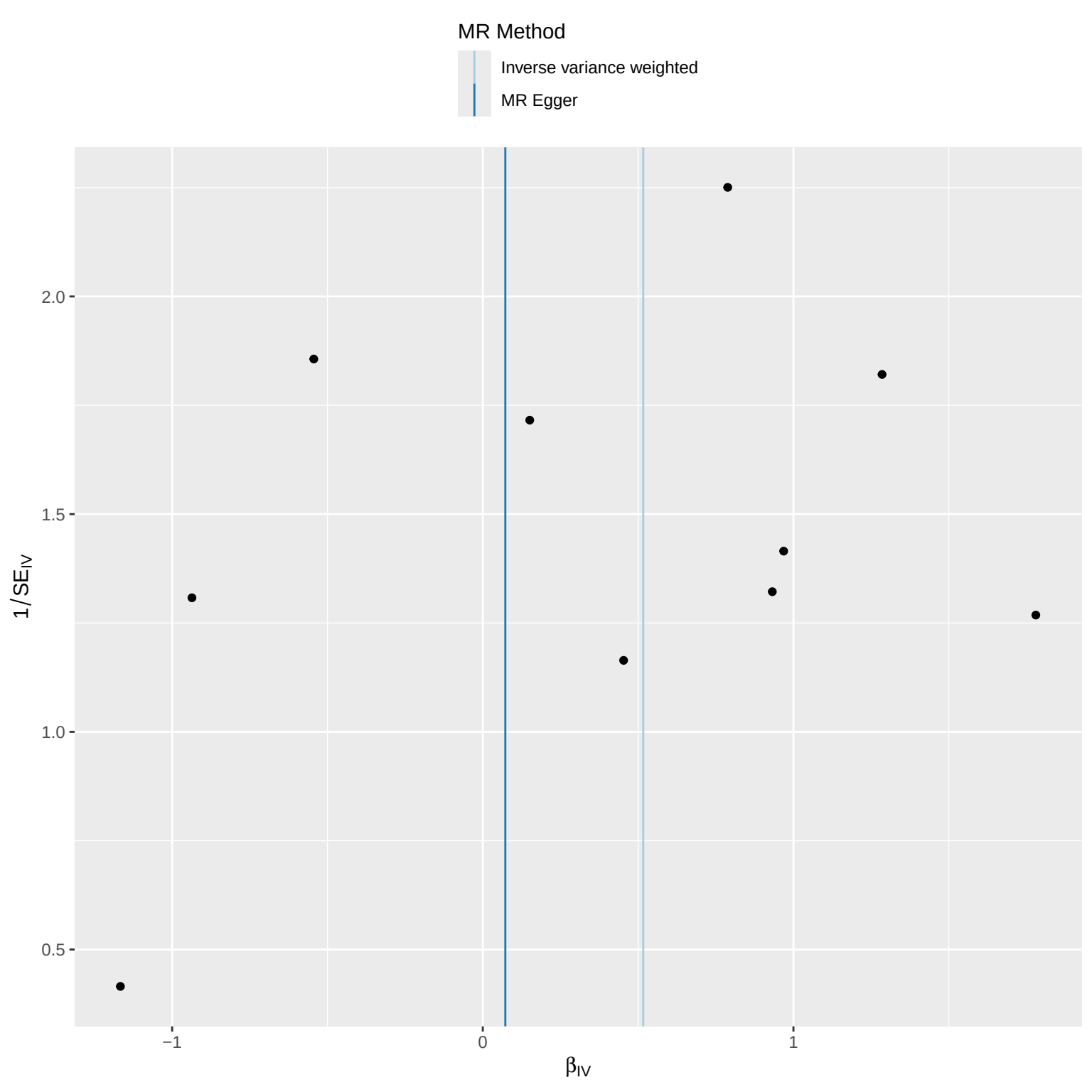

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

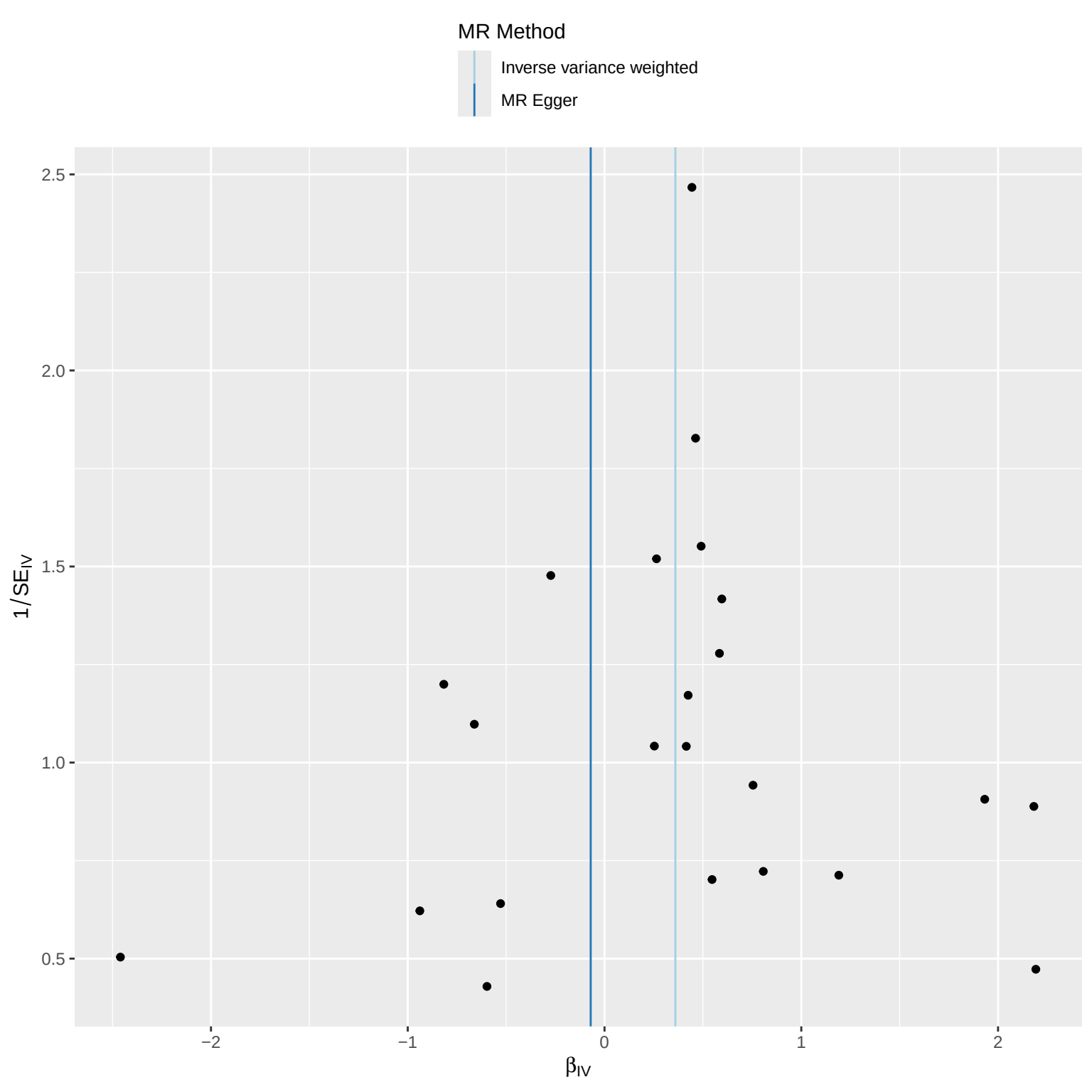

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

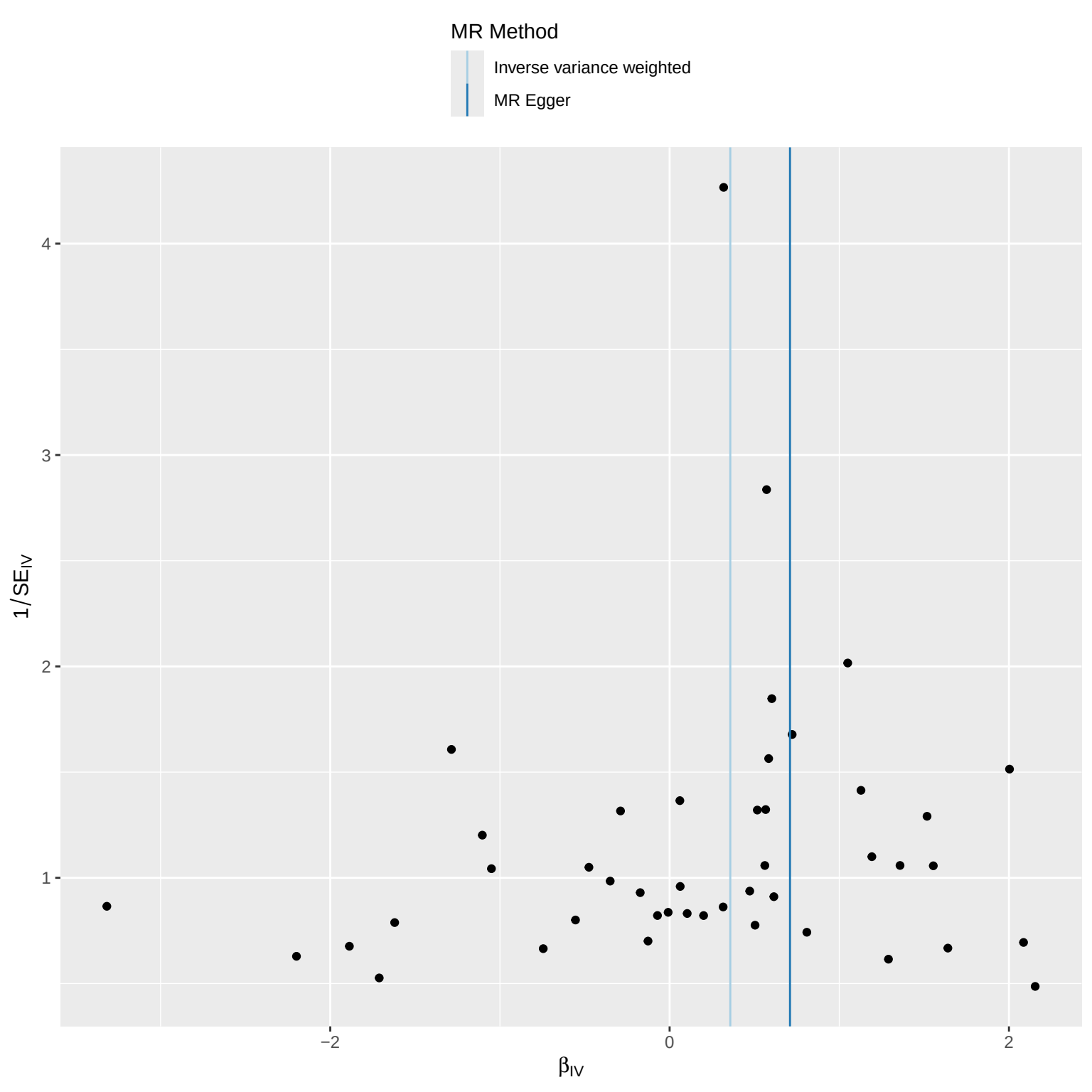

MR Method
Inverse variance weighted
MR Egger
9
6
3
0
1/SE_IV
−2
−1
0
1
2
β_IV

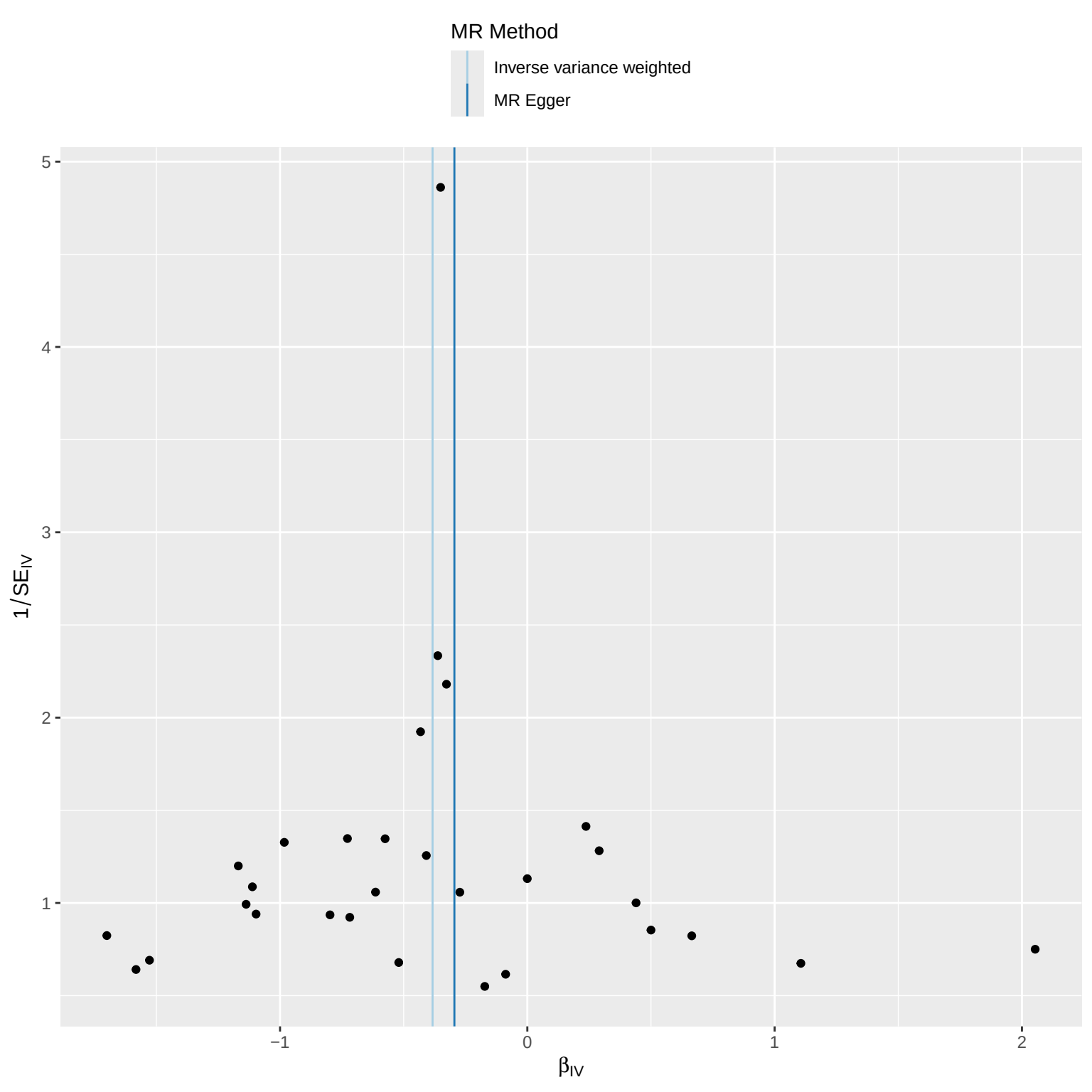

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

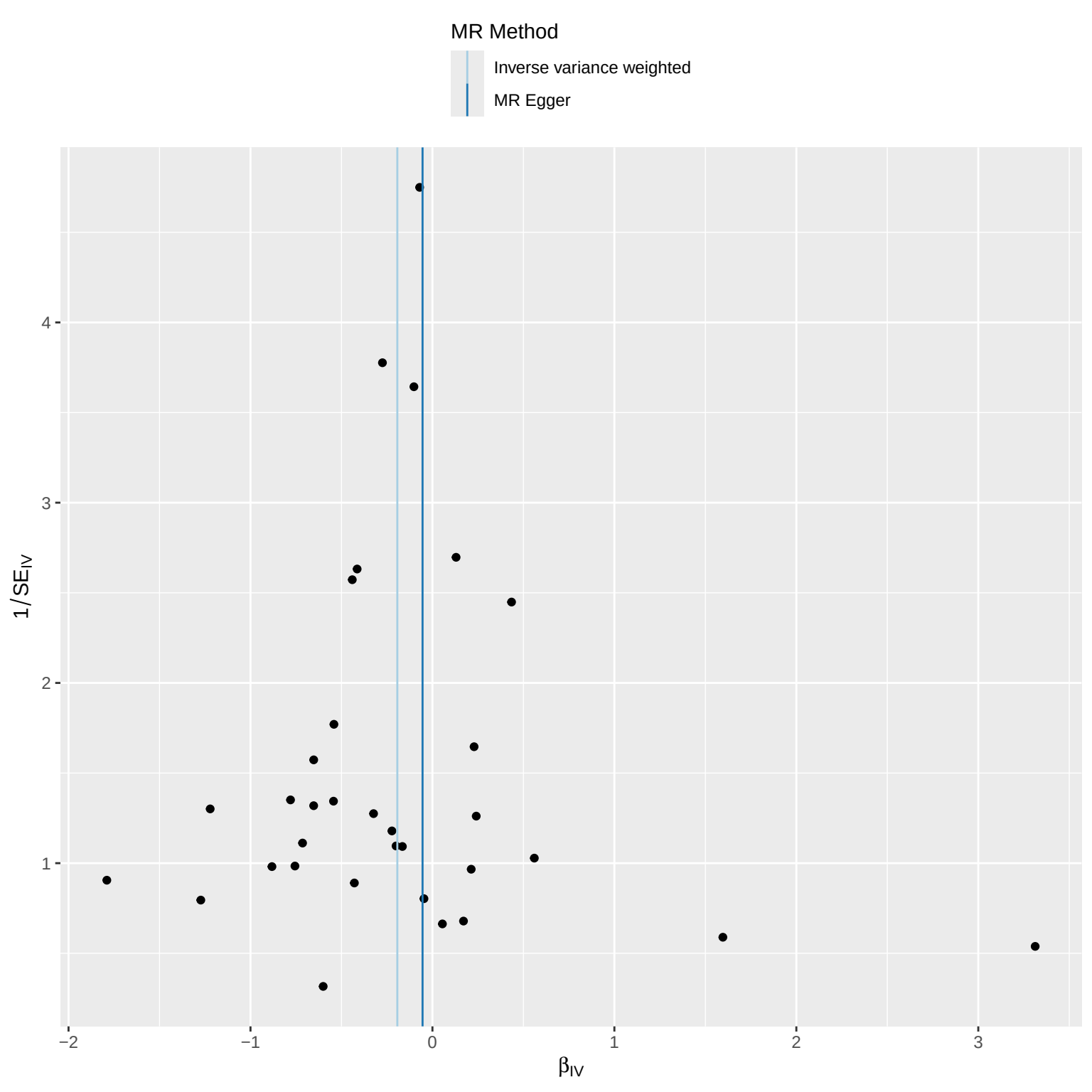

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2.5
0.0
β_IV

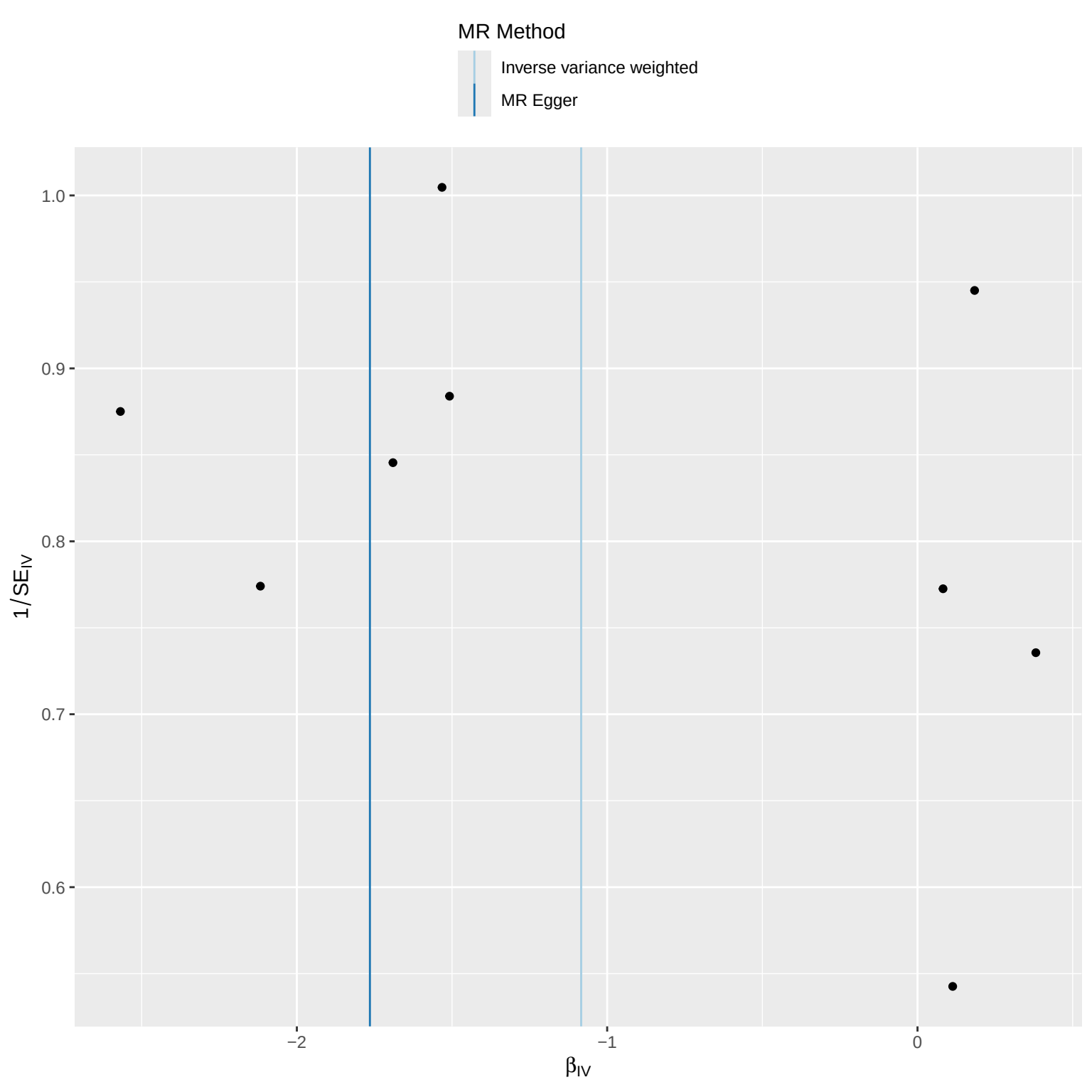

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
β_IV

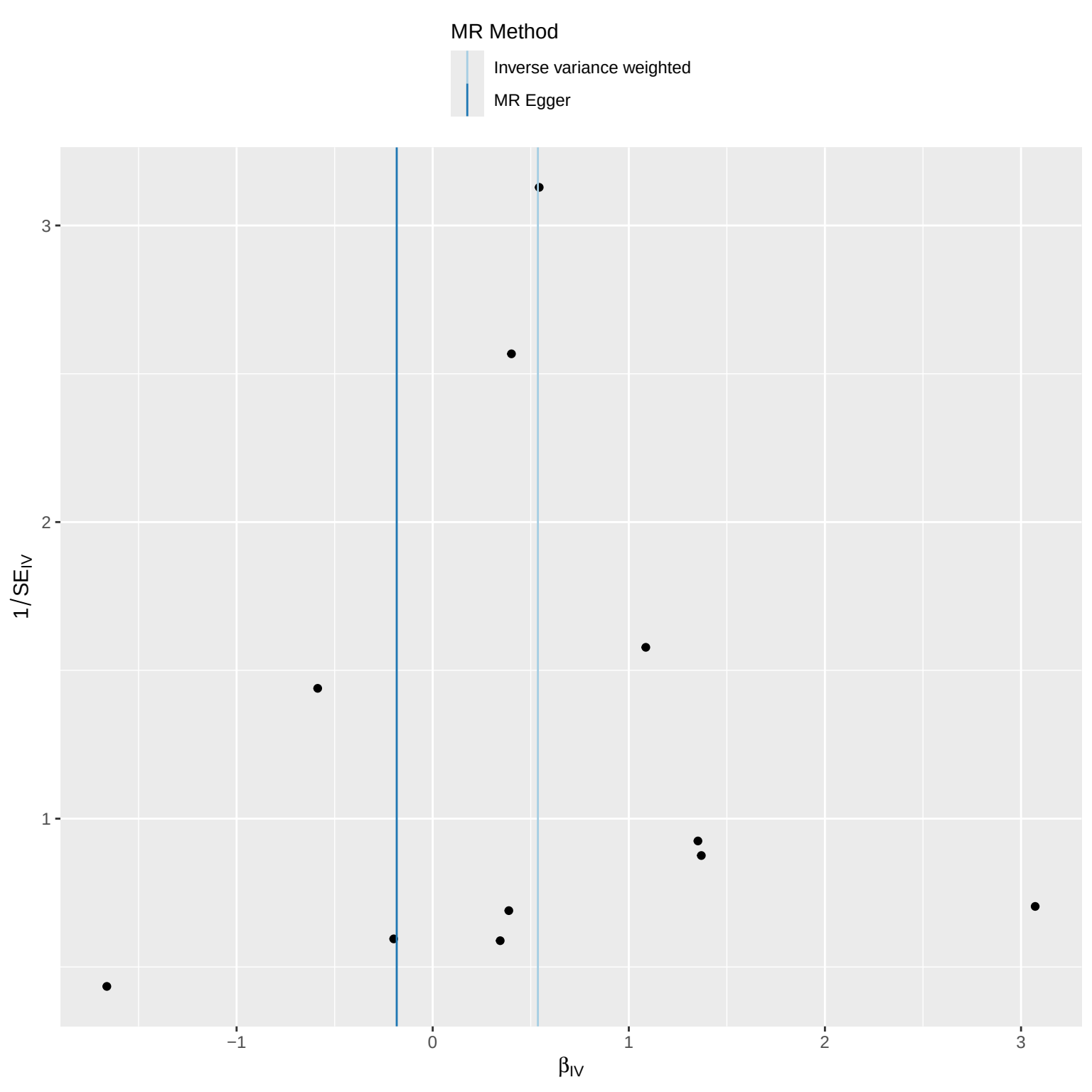

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

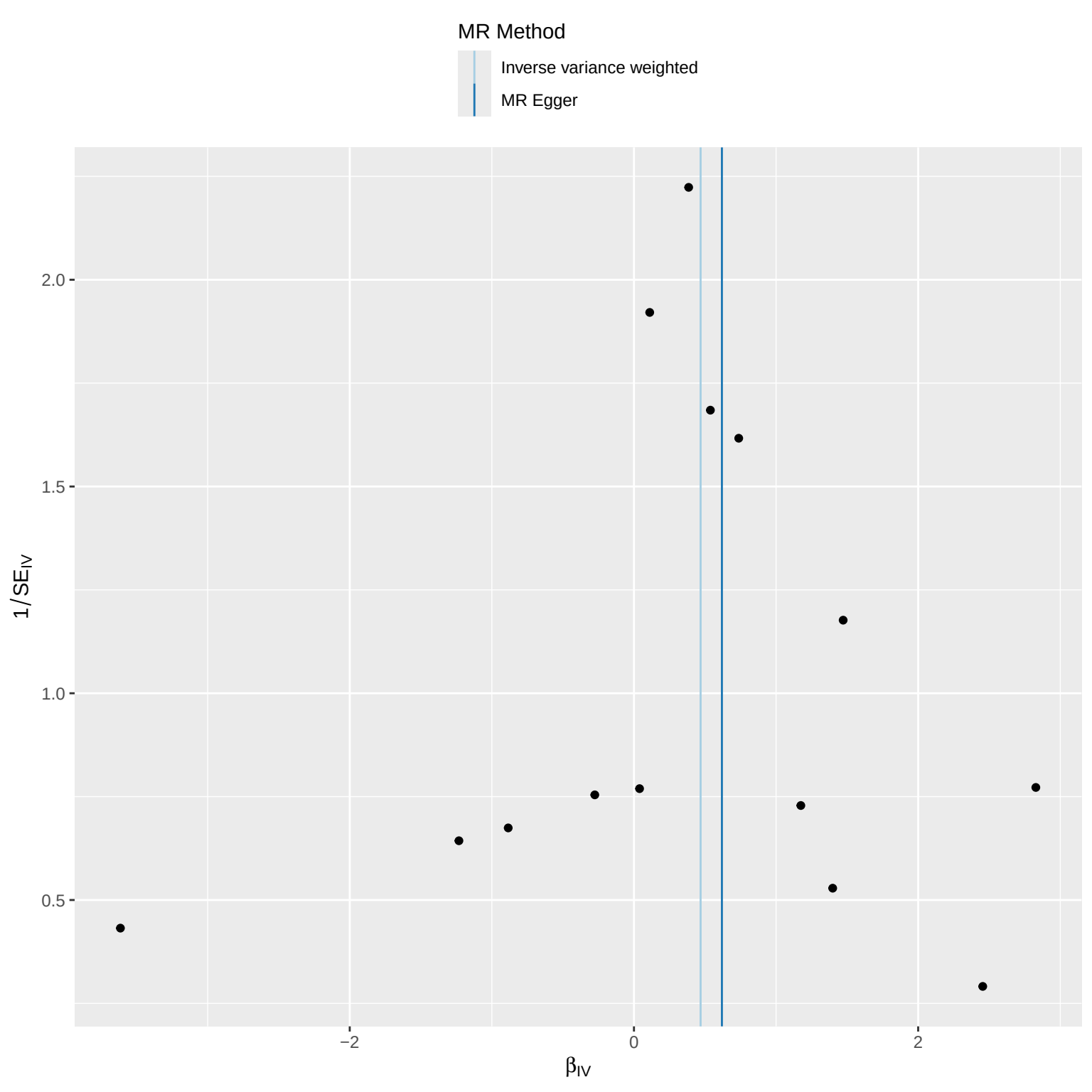

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

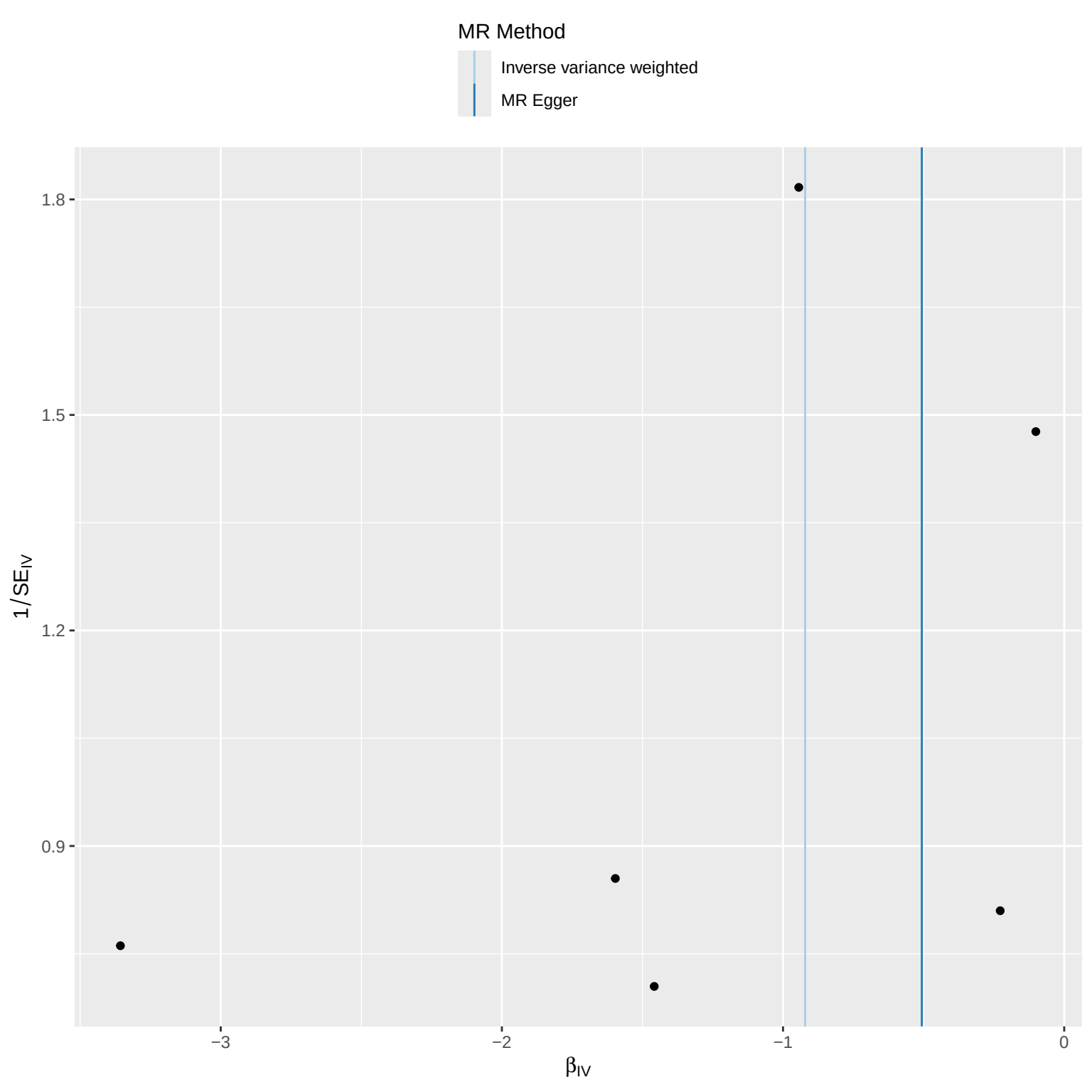

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

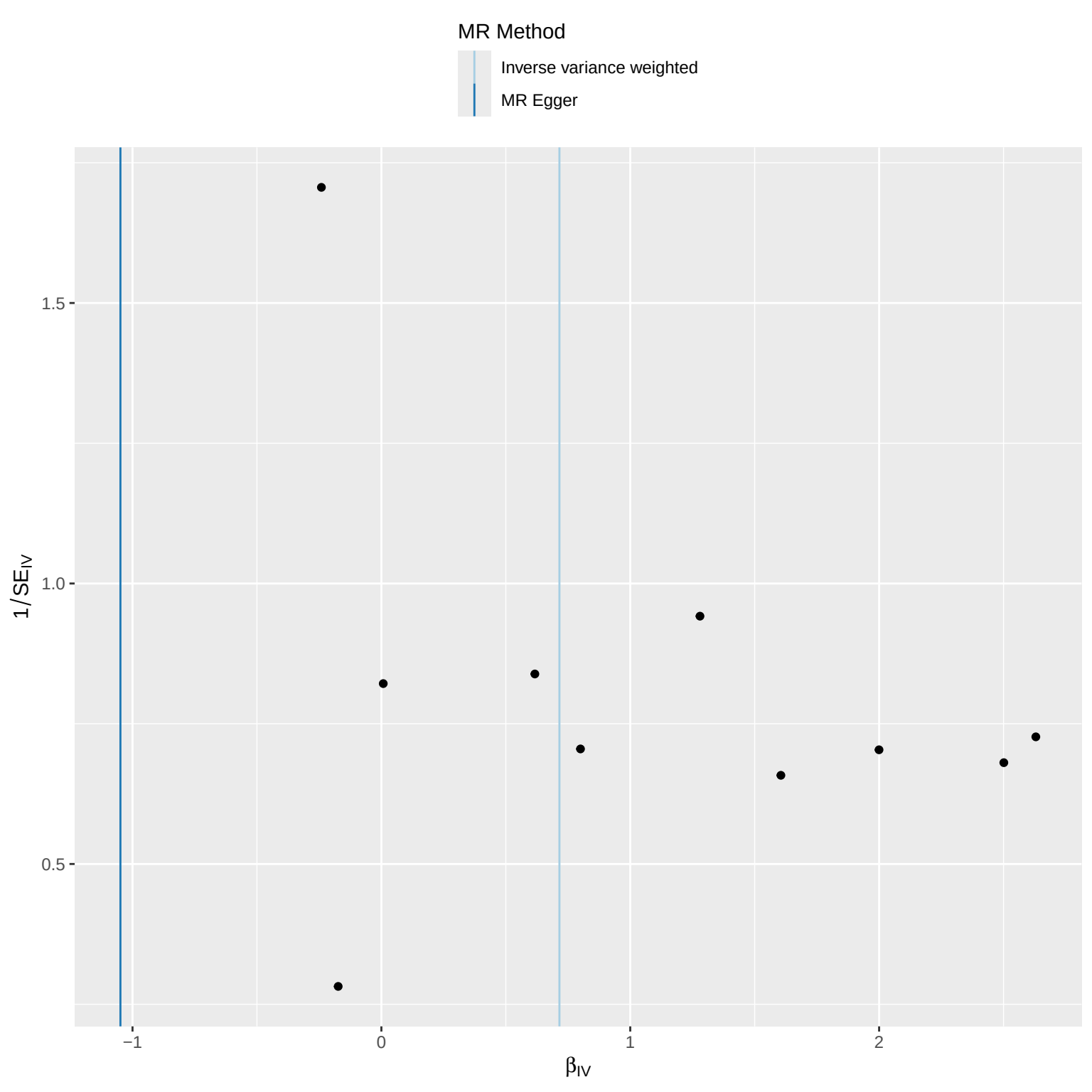

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2
3

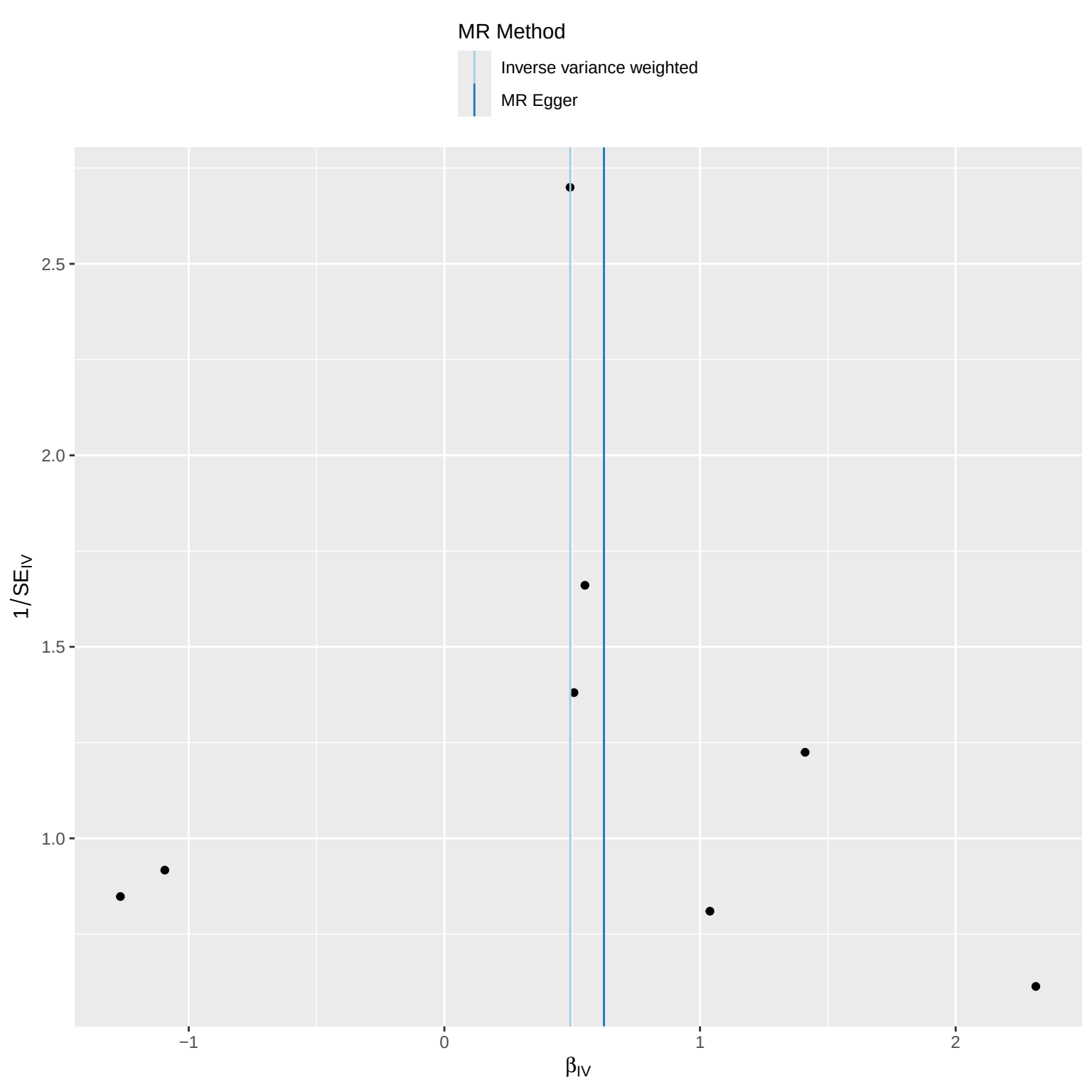

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
1/SE_IV
−2
−1
0
β_IV

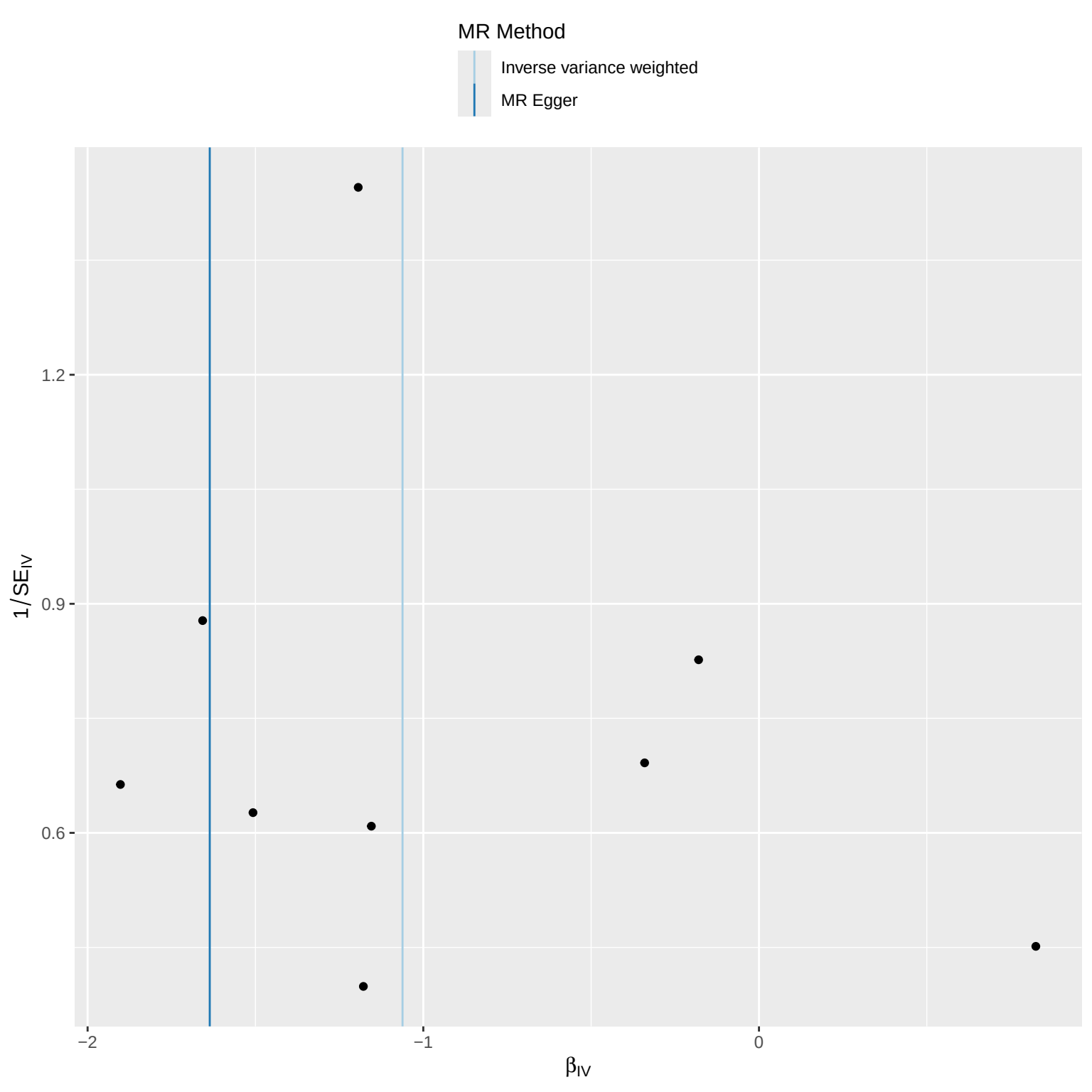

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

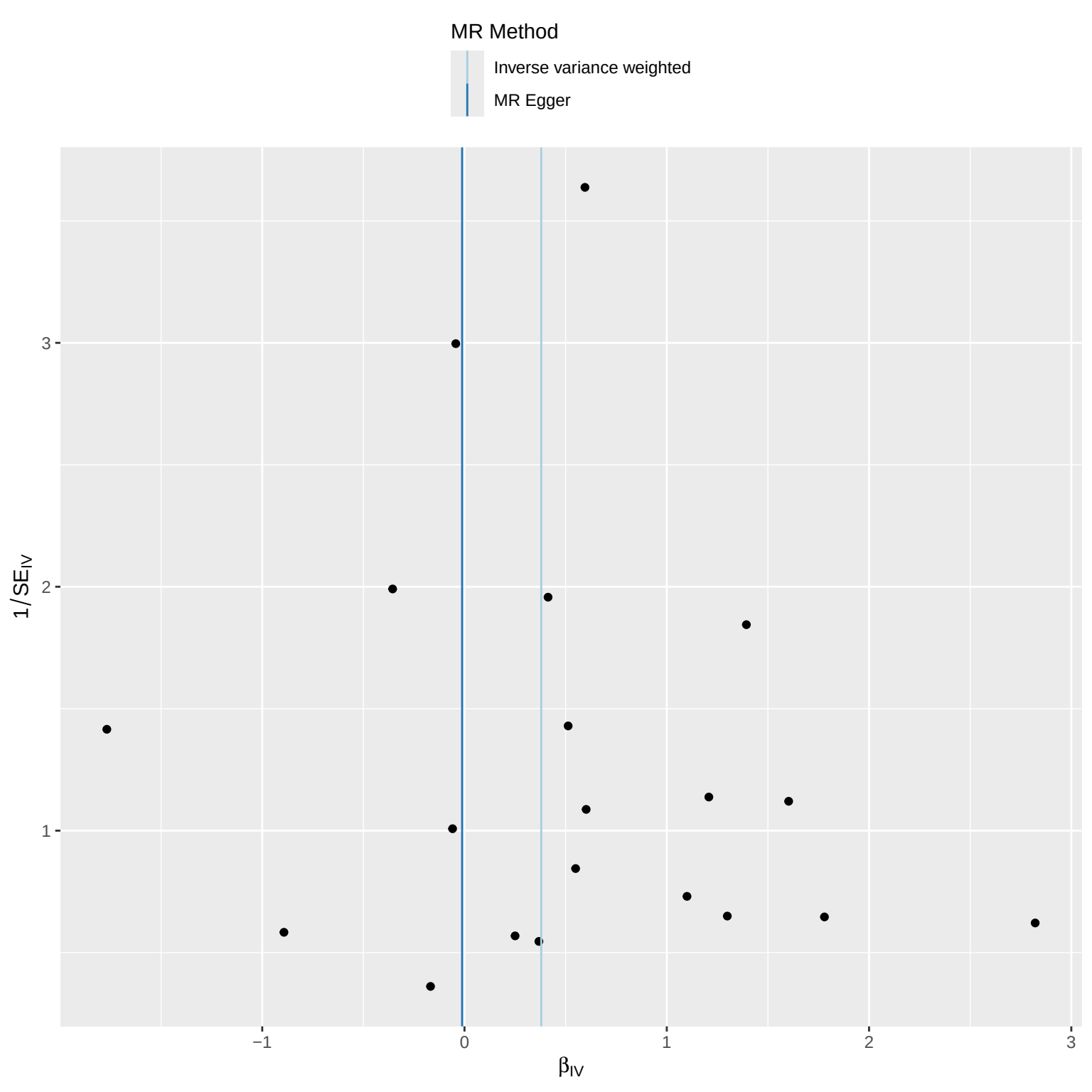

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

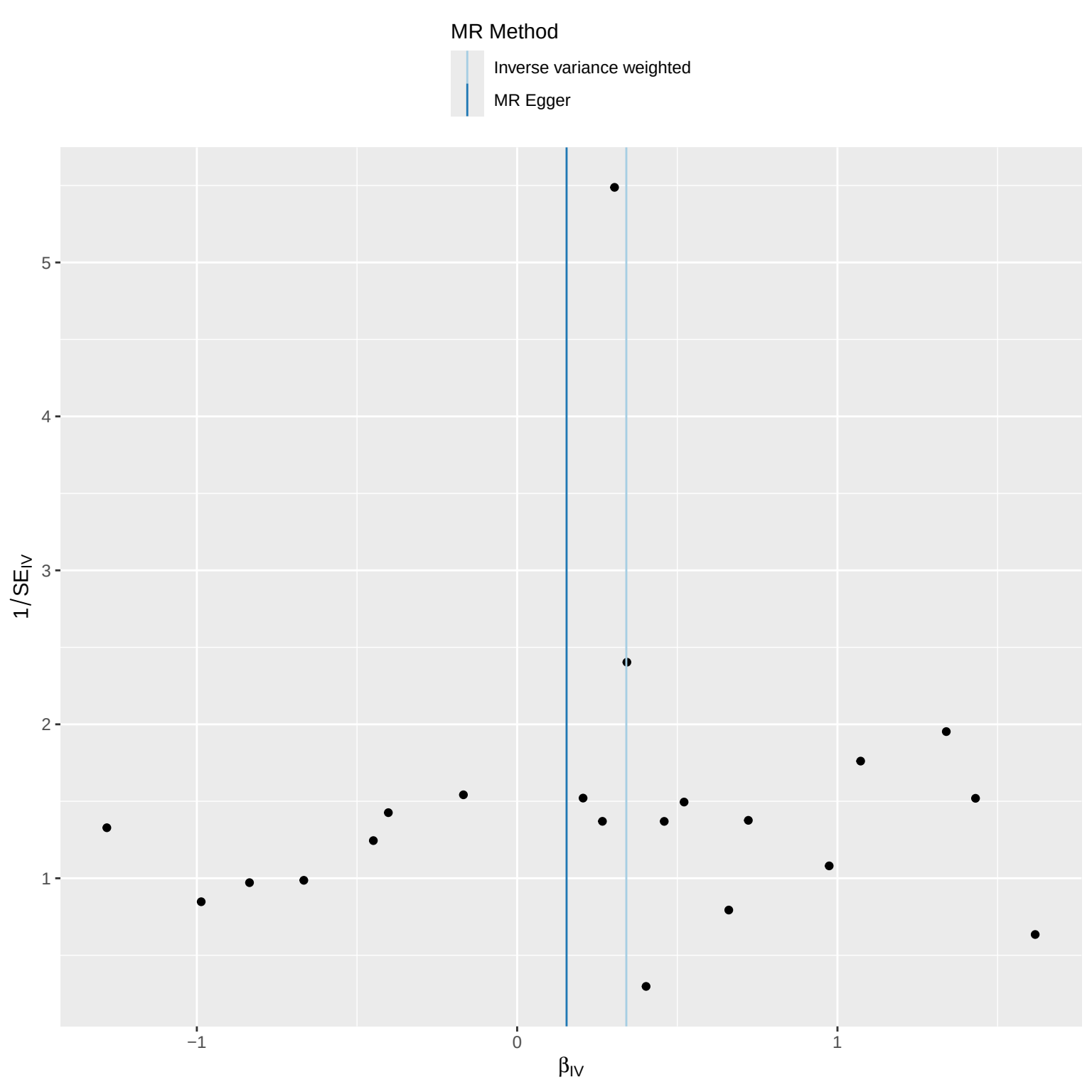

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
−3
−2
−1
0
β_IV

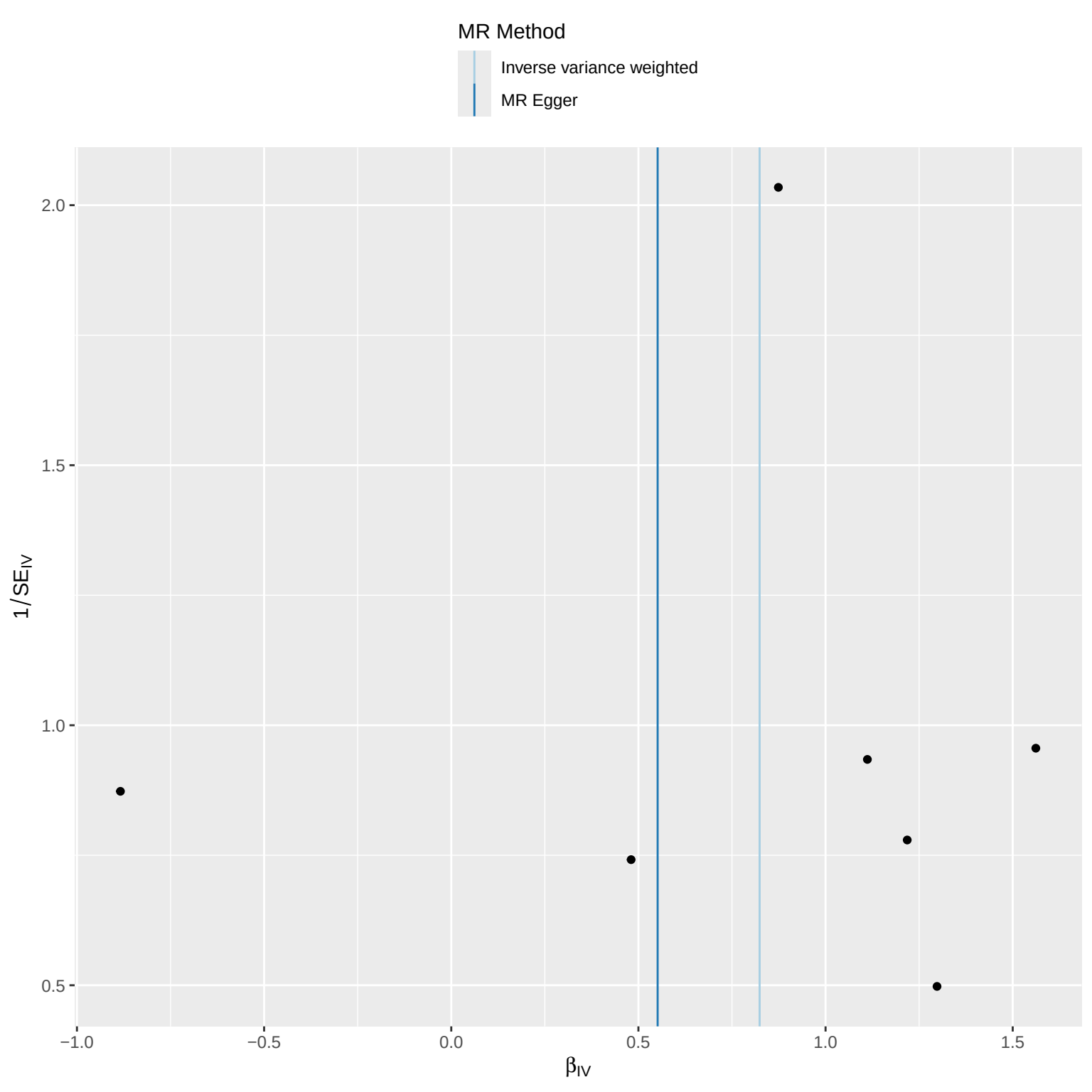

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

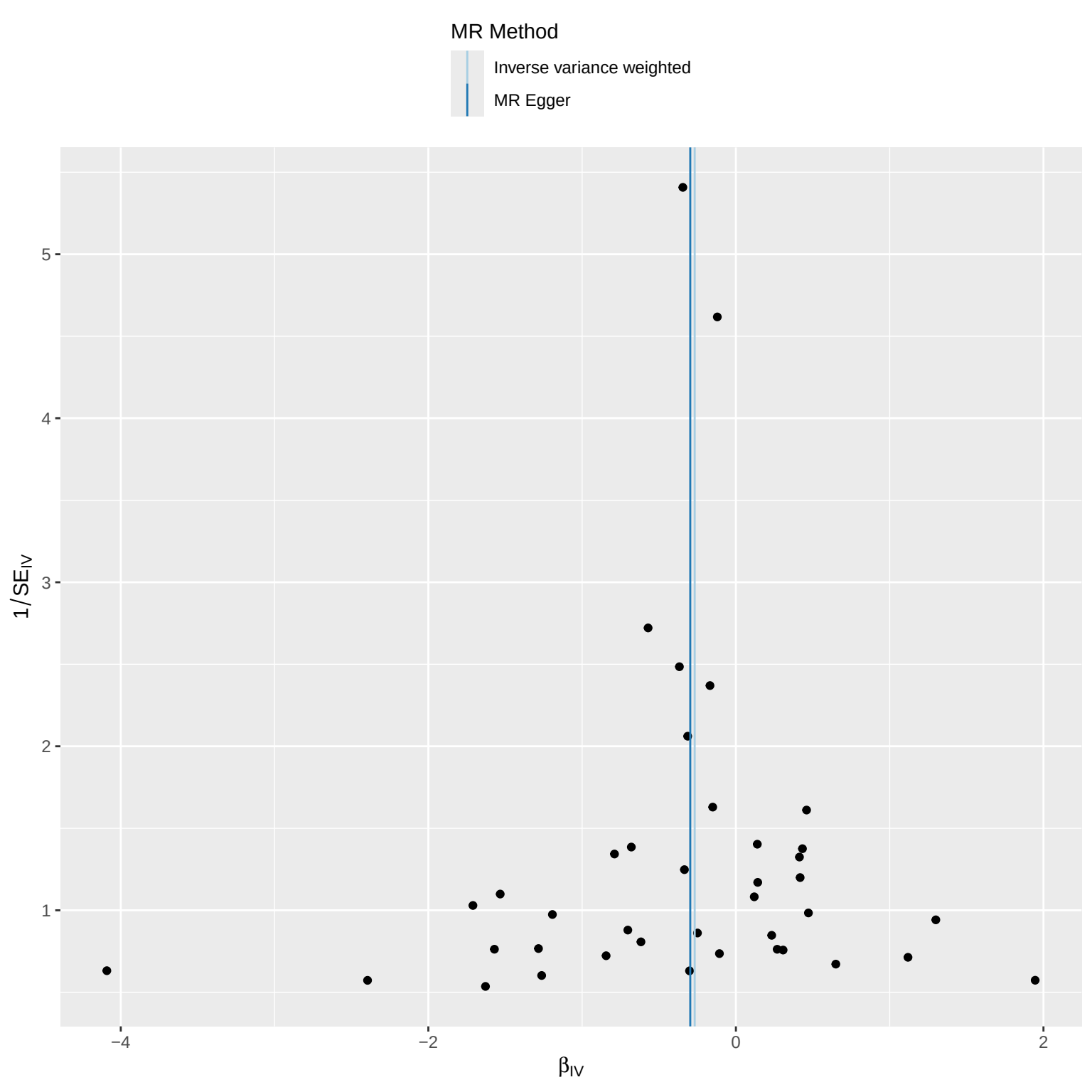

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

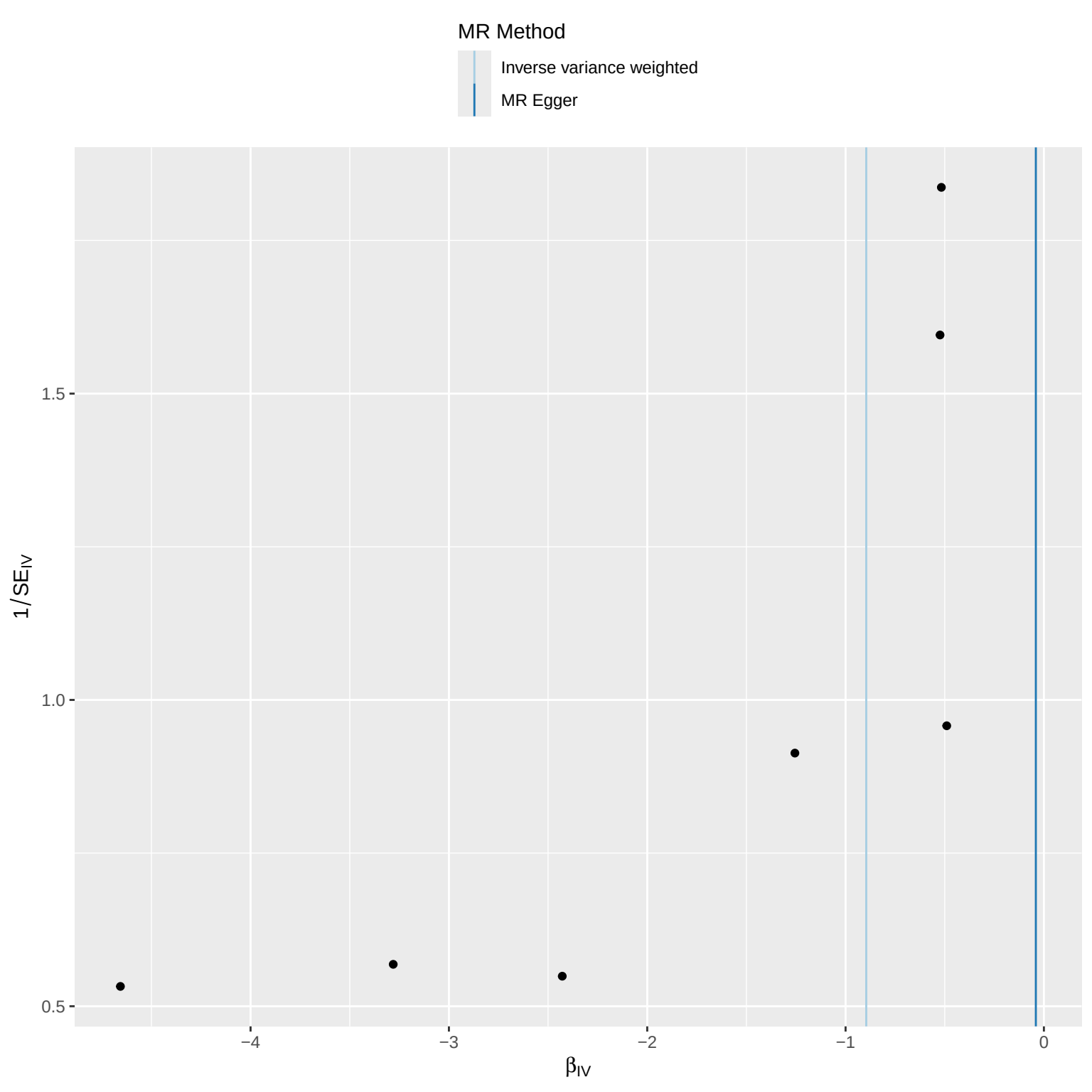

MR Method
Inverse variance weighted
MR Egger
1.2
0.9
0.6
1/SE_IV
−2
−1
0
β_IV

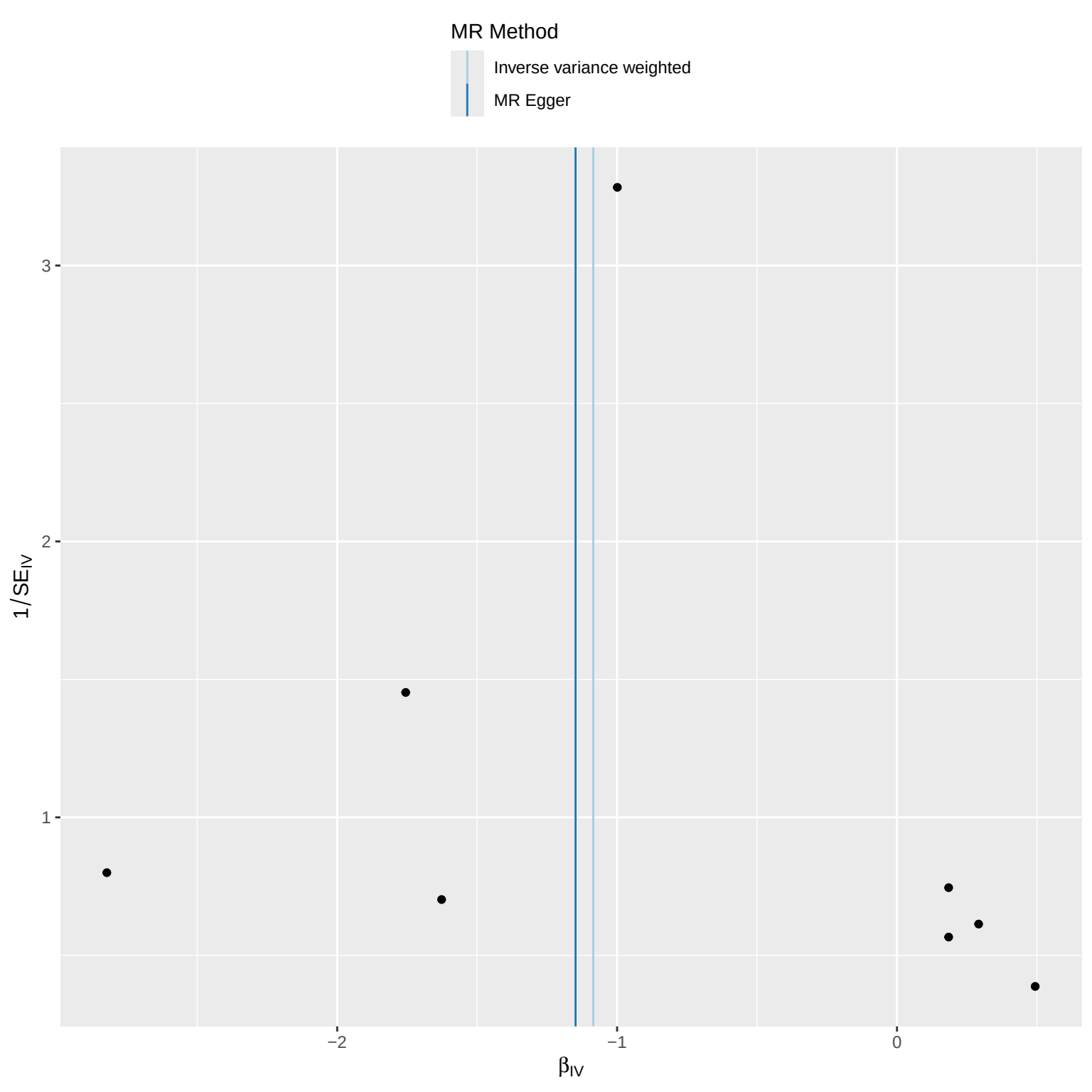

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

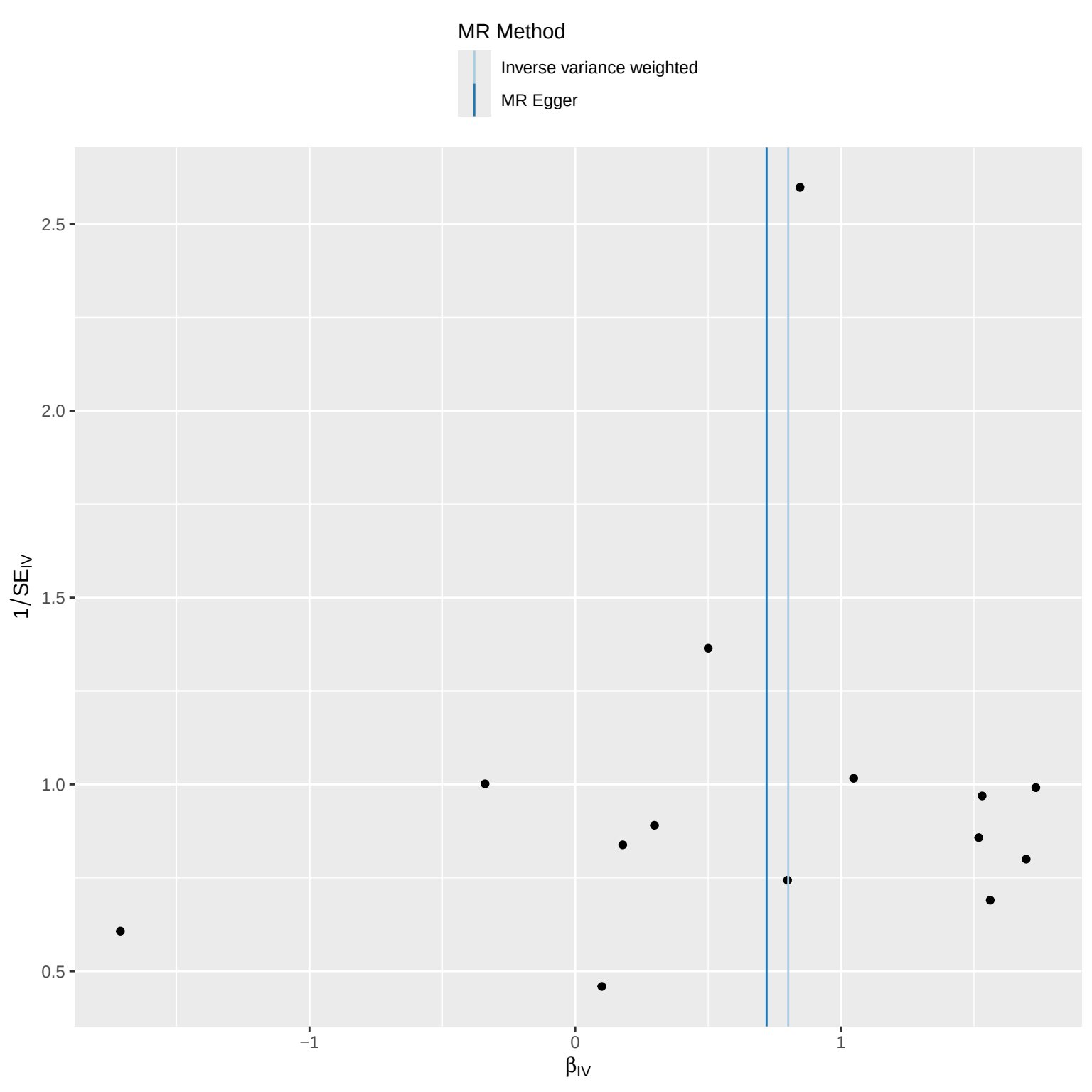

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
β_IV

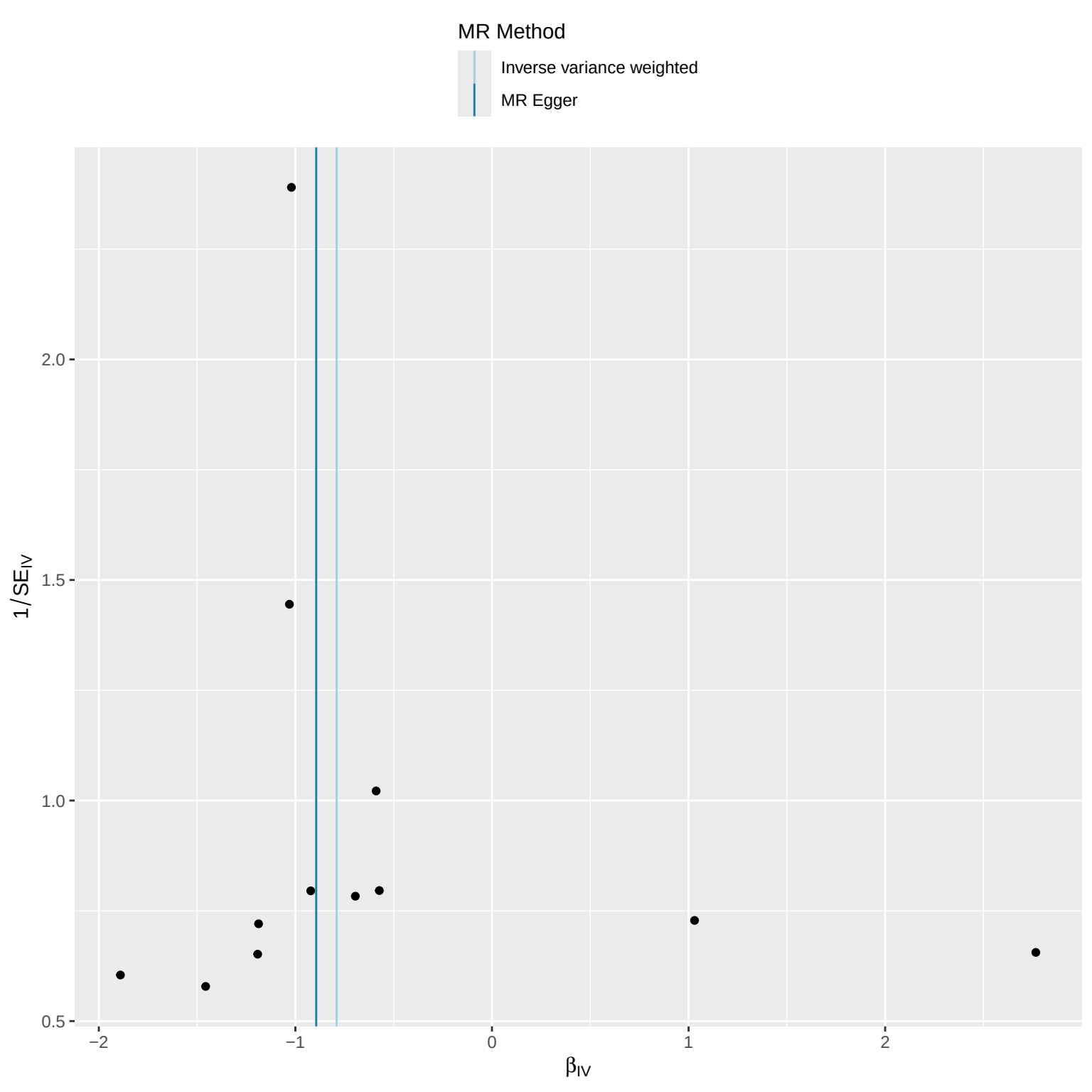

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

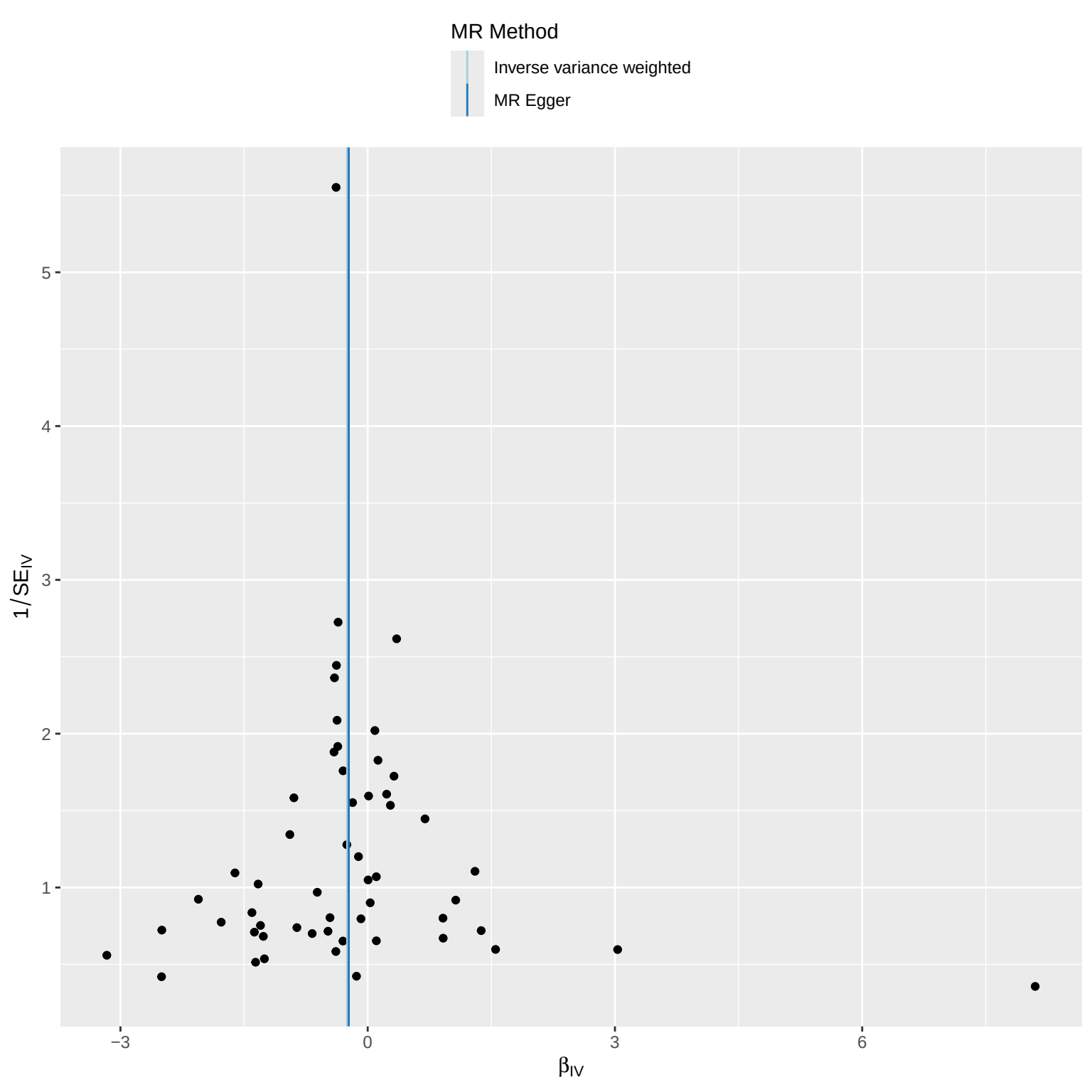

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−4
−2
0
2

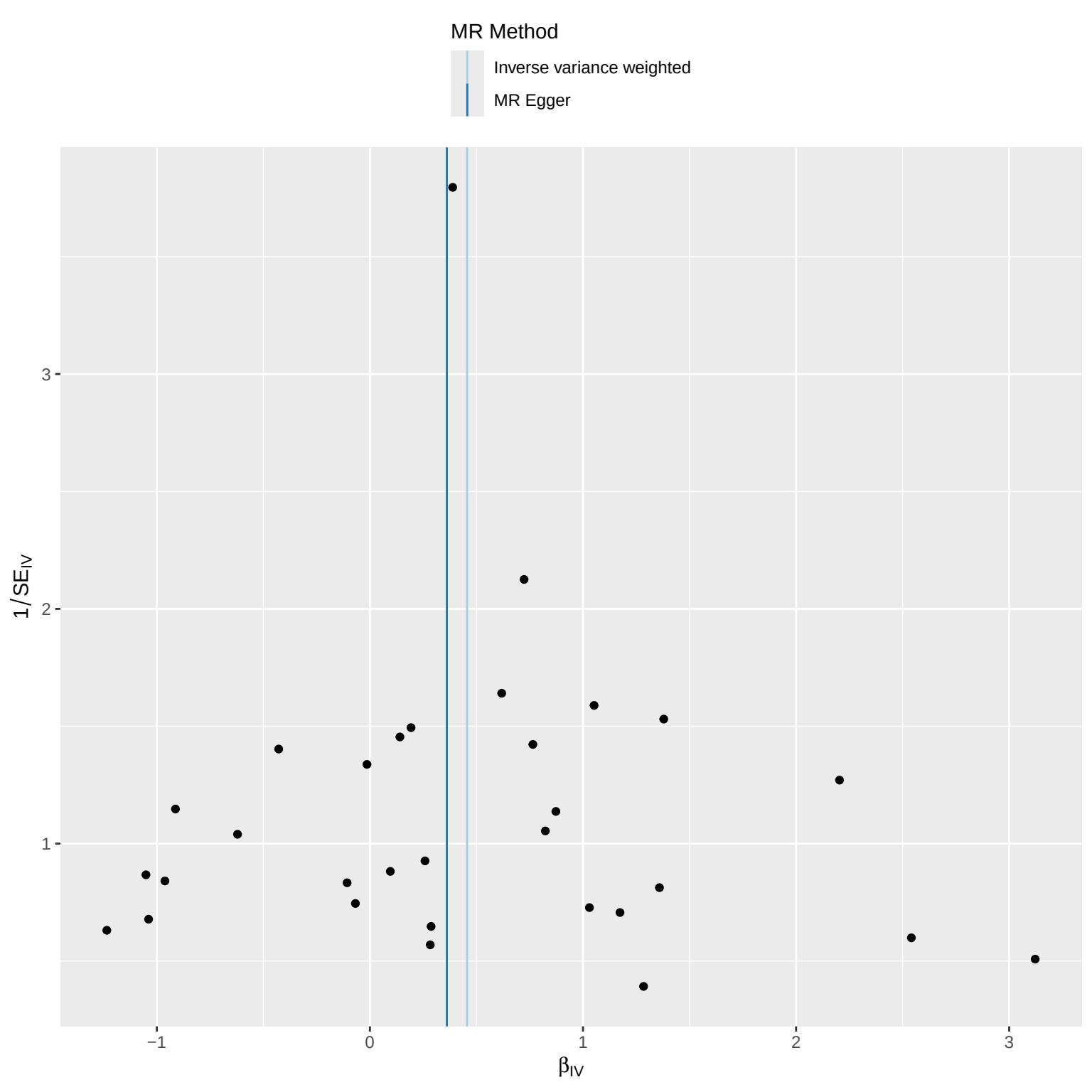

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
β_IV

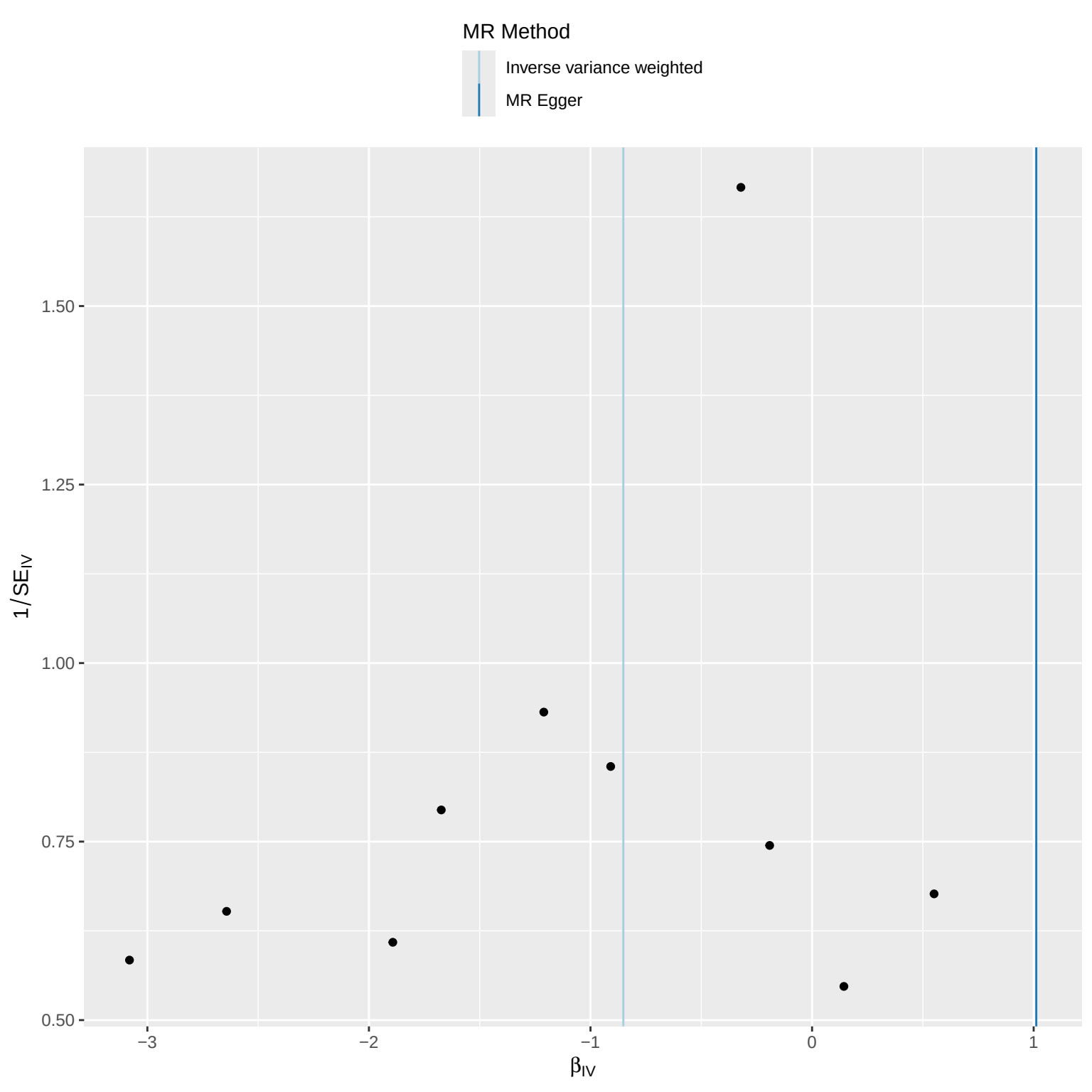

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
β_{IV}

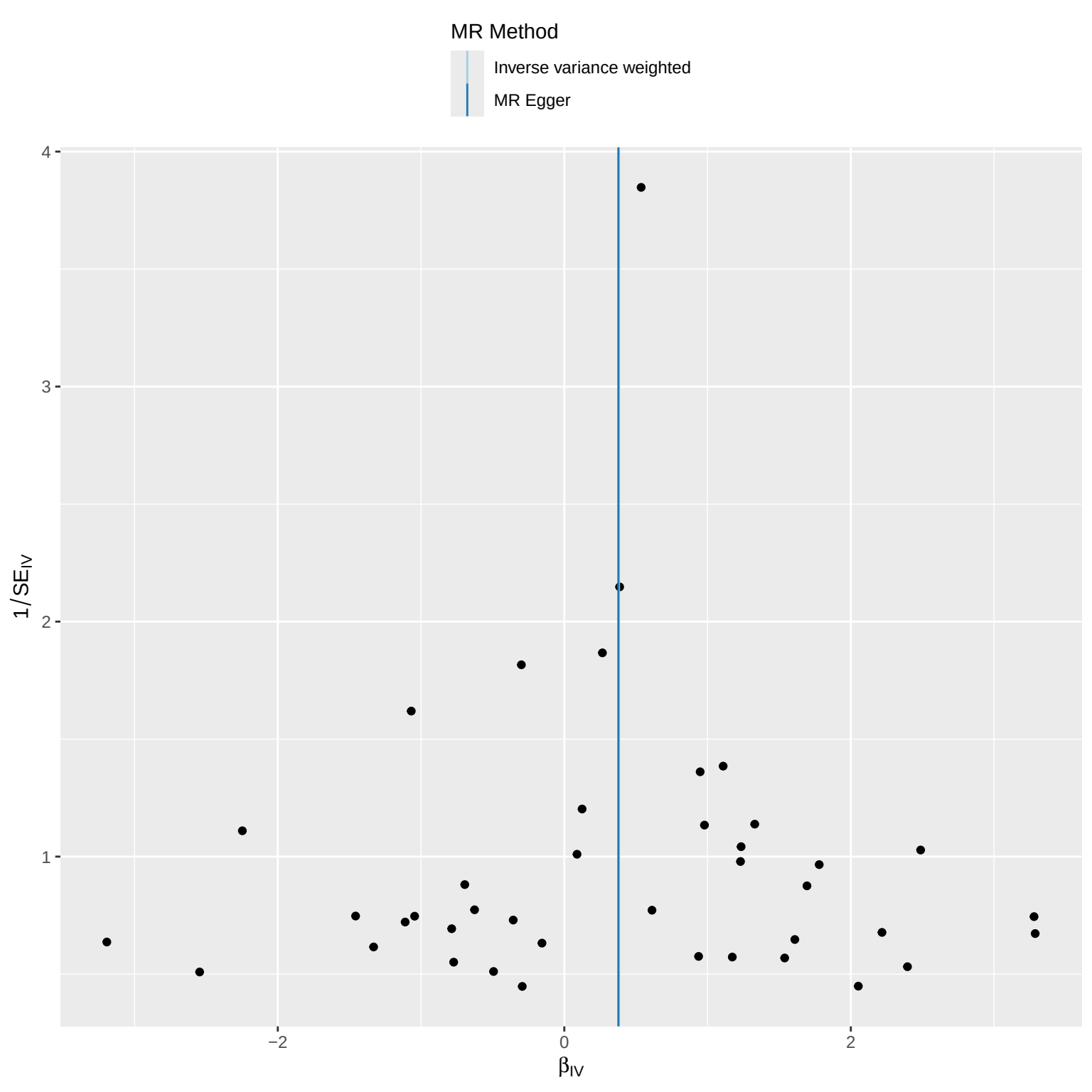

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
β_IV

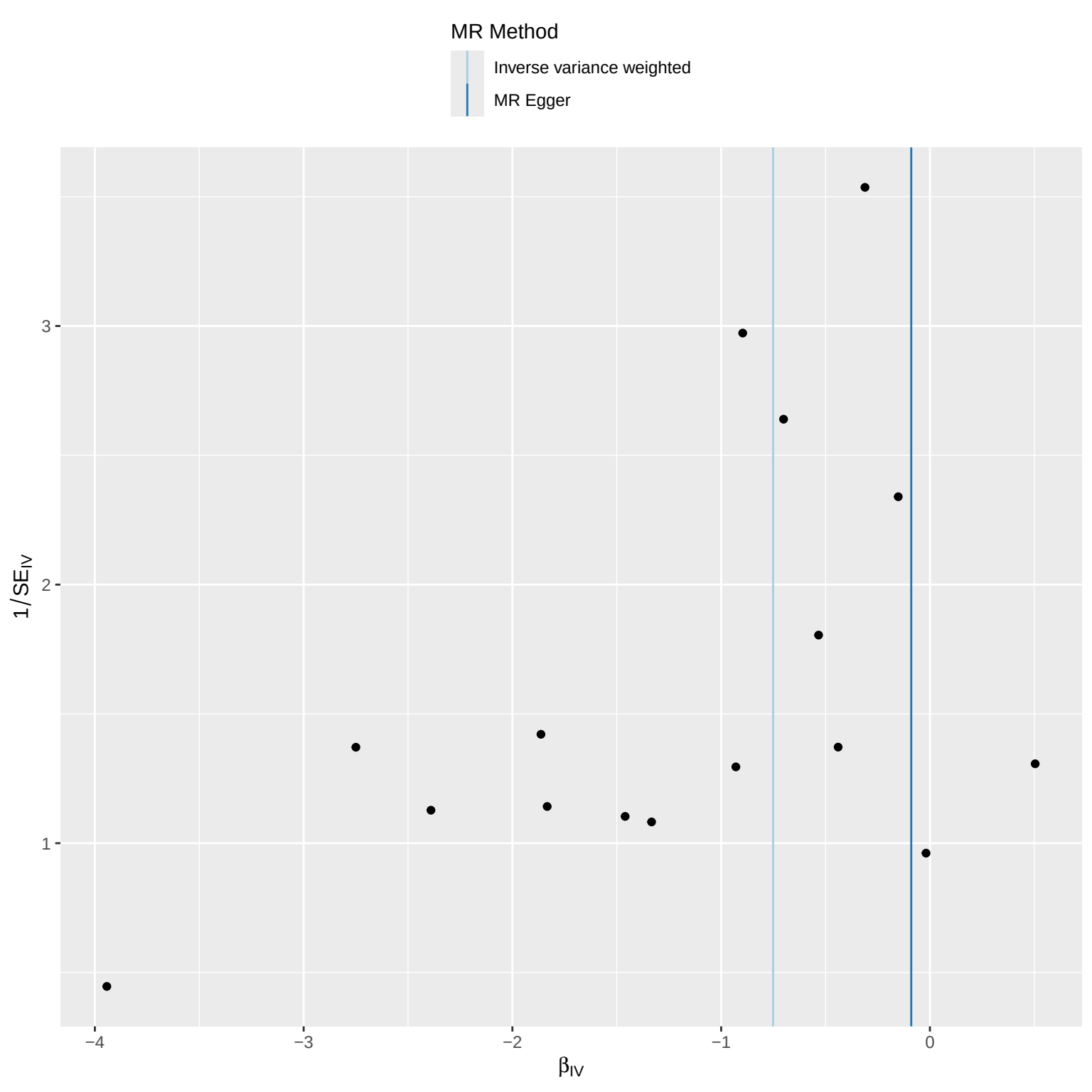

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

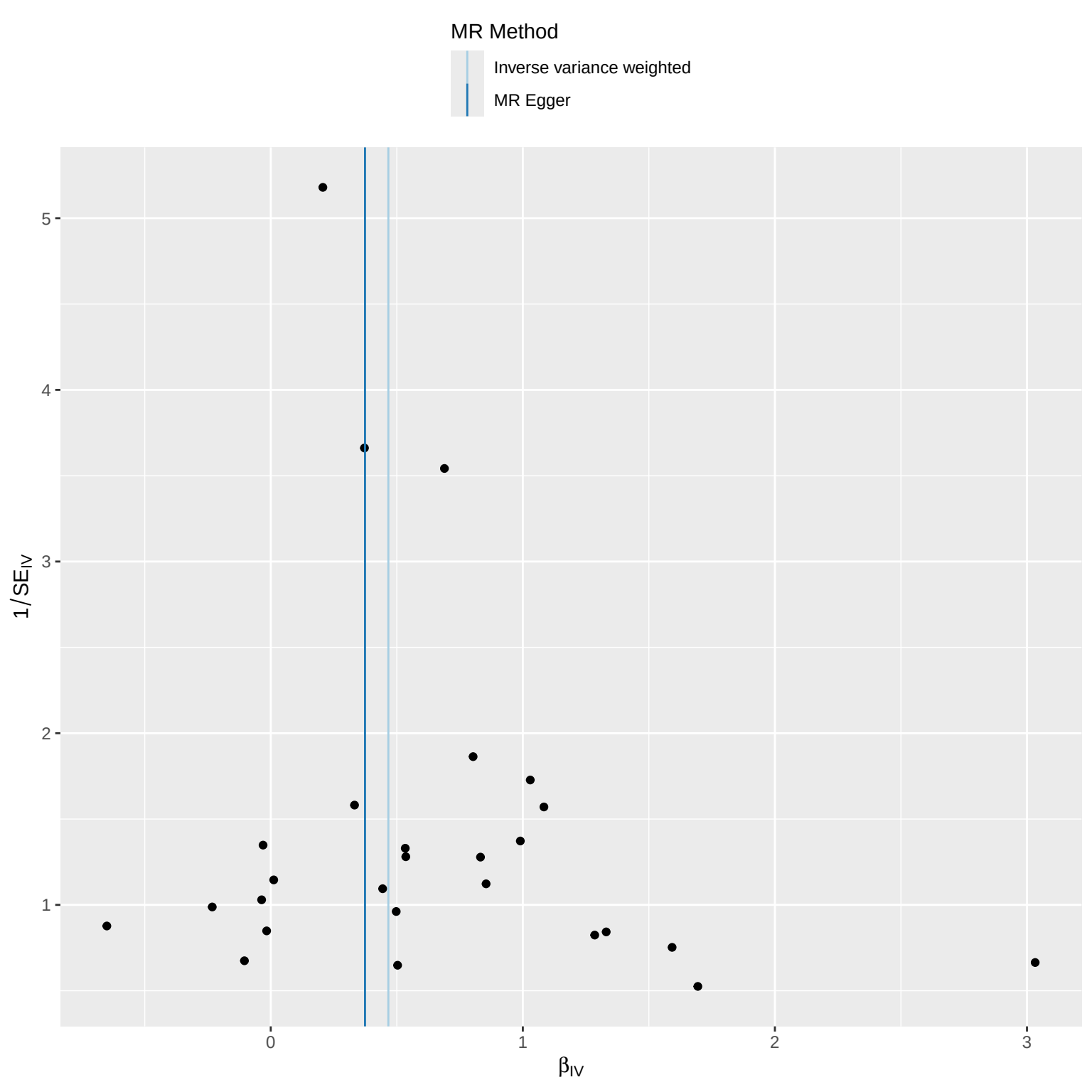

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
0
3
6
β_IV

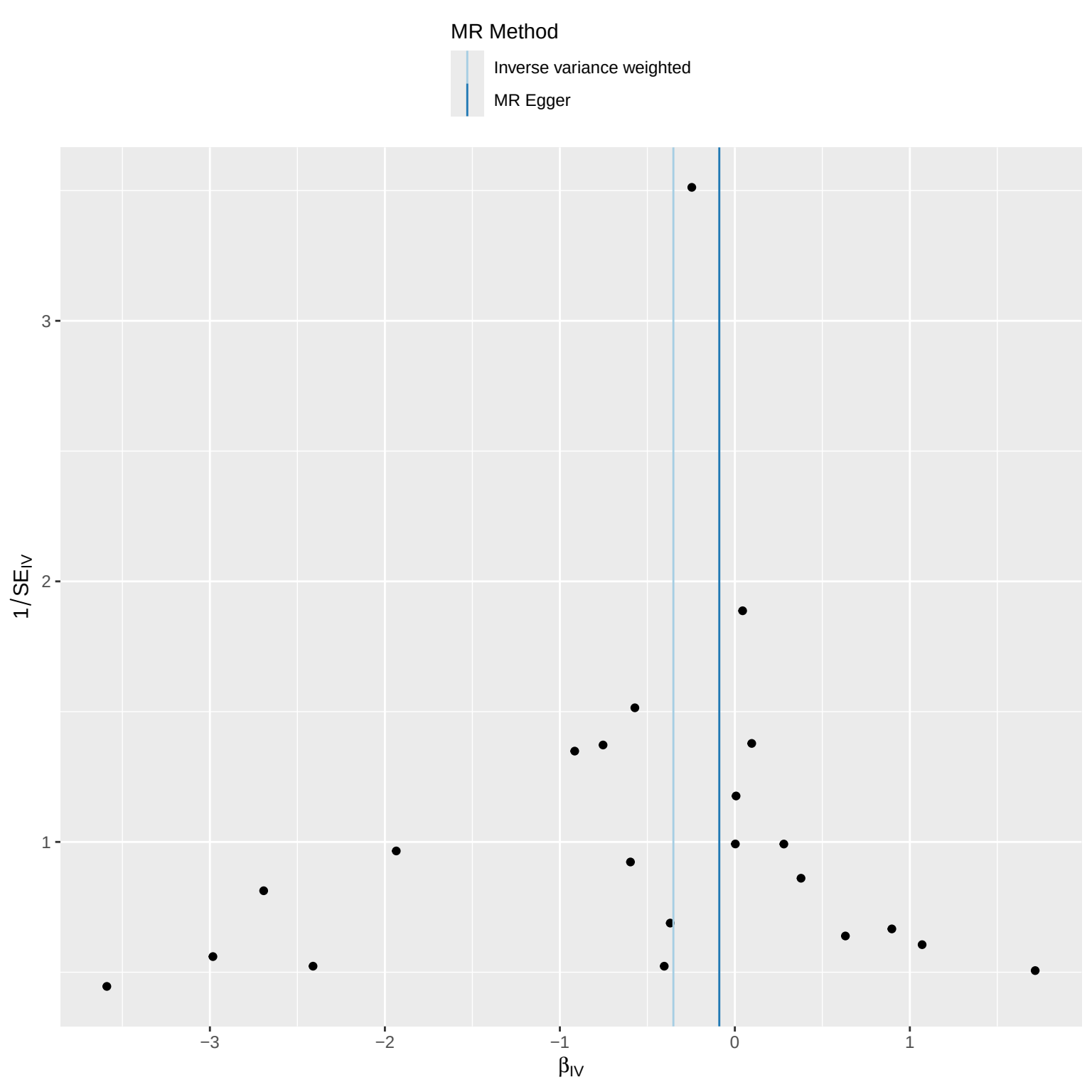

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

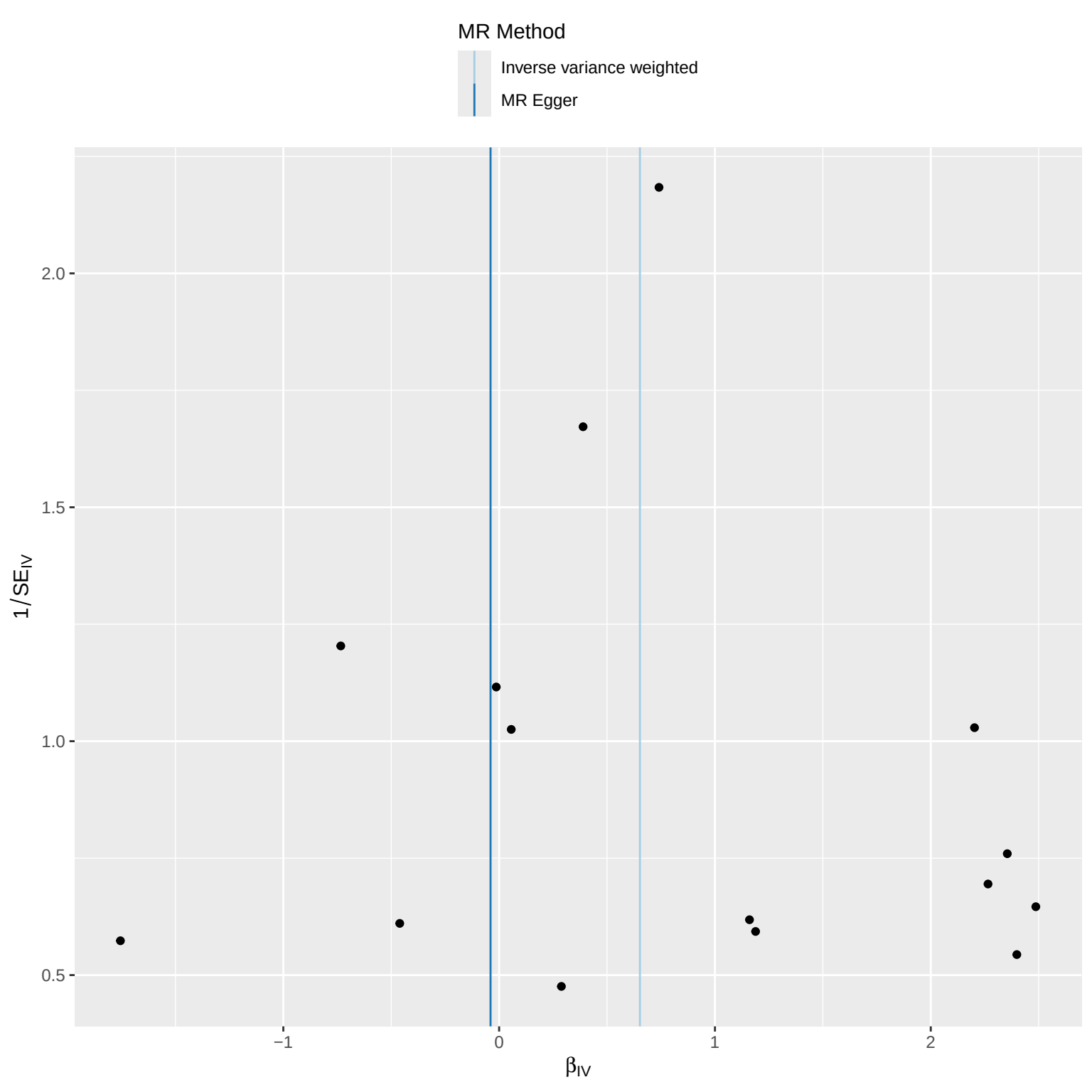

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

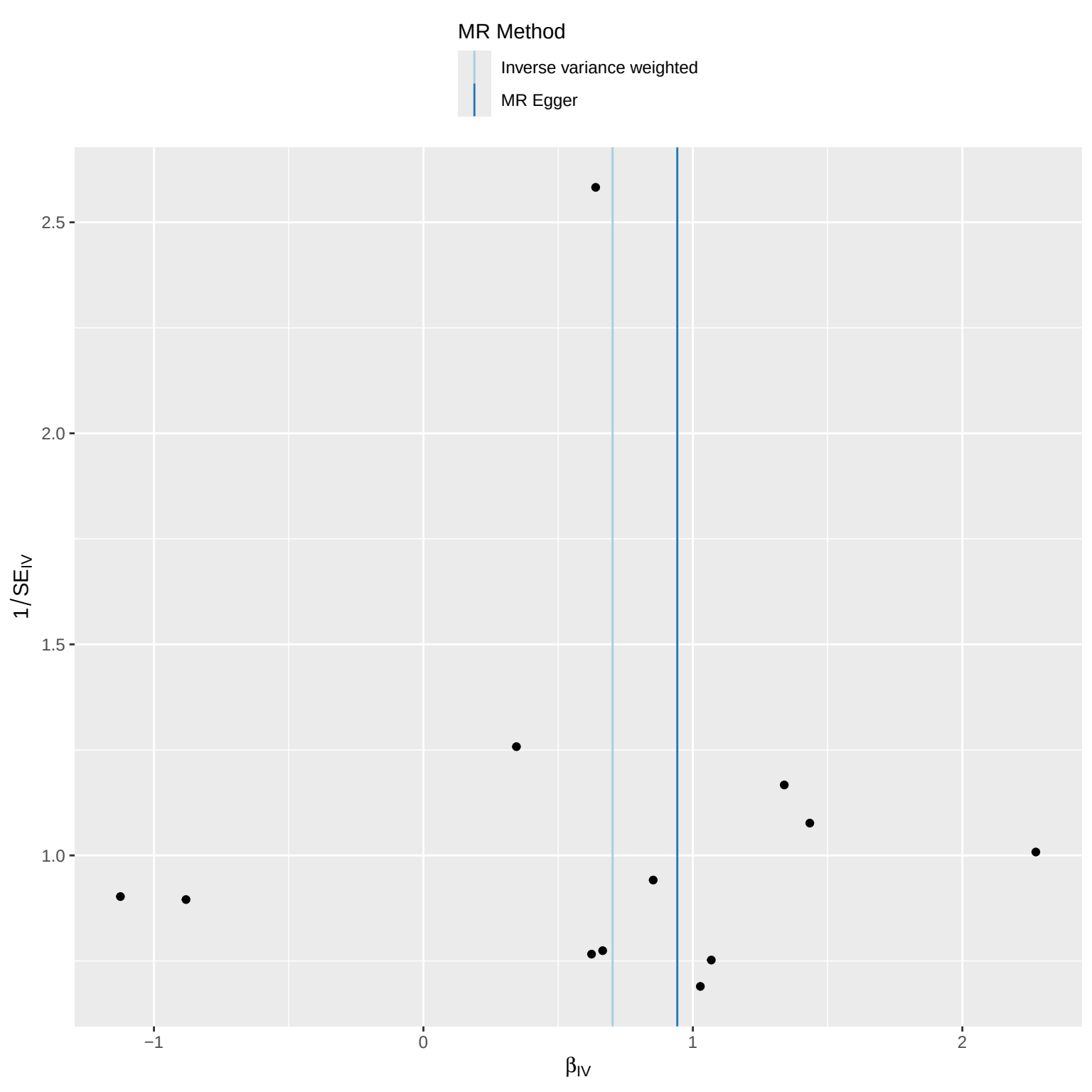

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

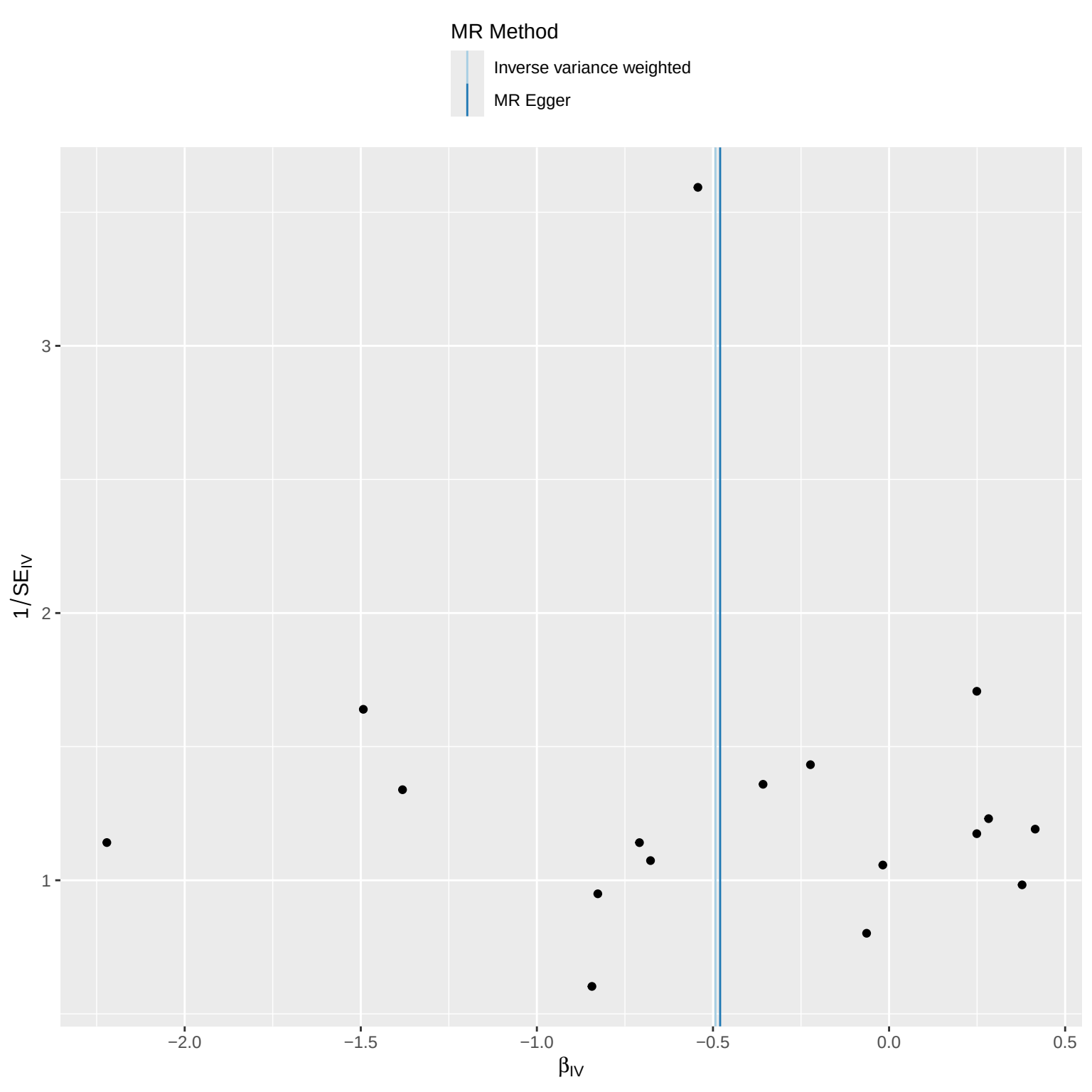

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−3
−2
−1
0
β_IV

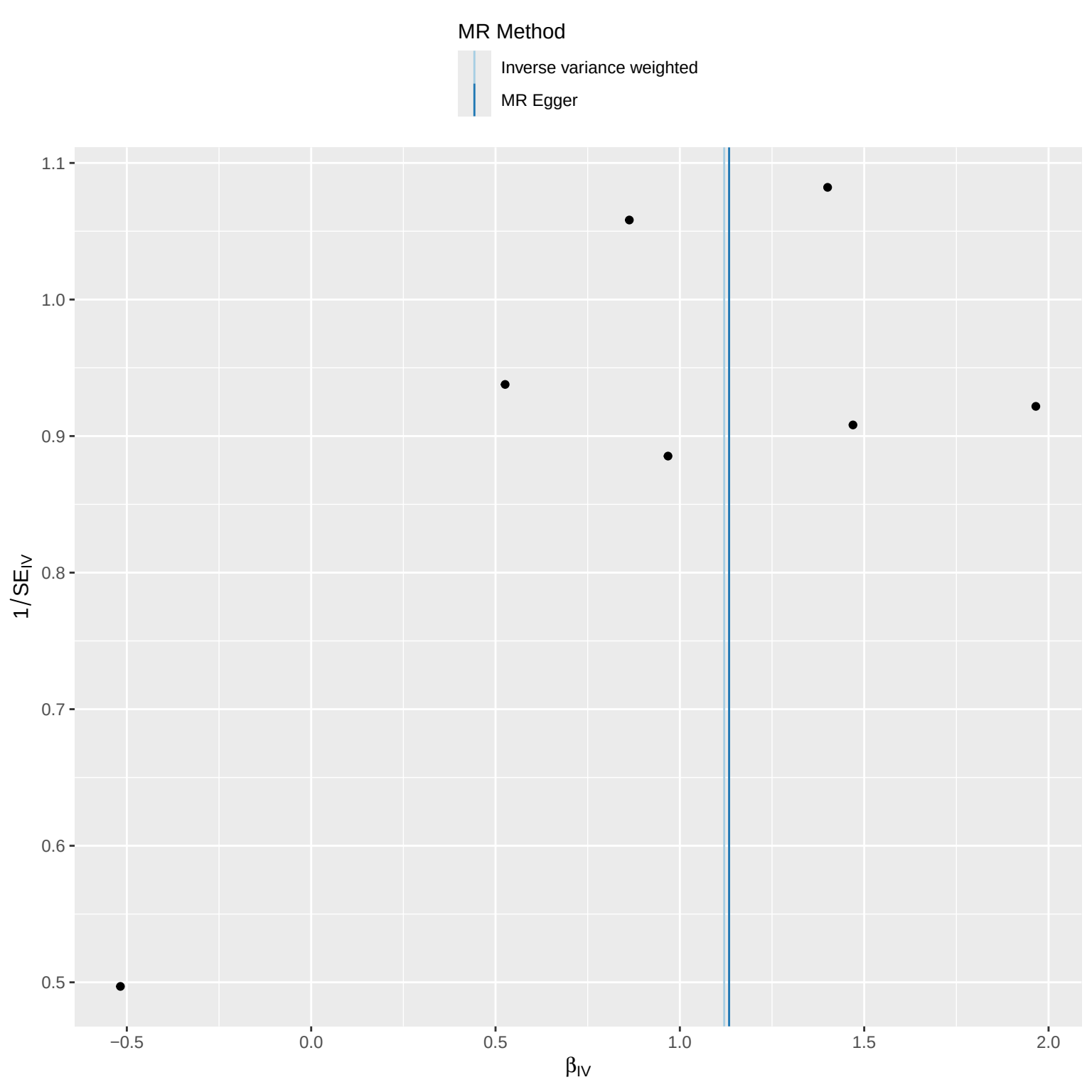

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
0
1
2
3
1/SE_IV
β_IV

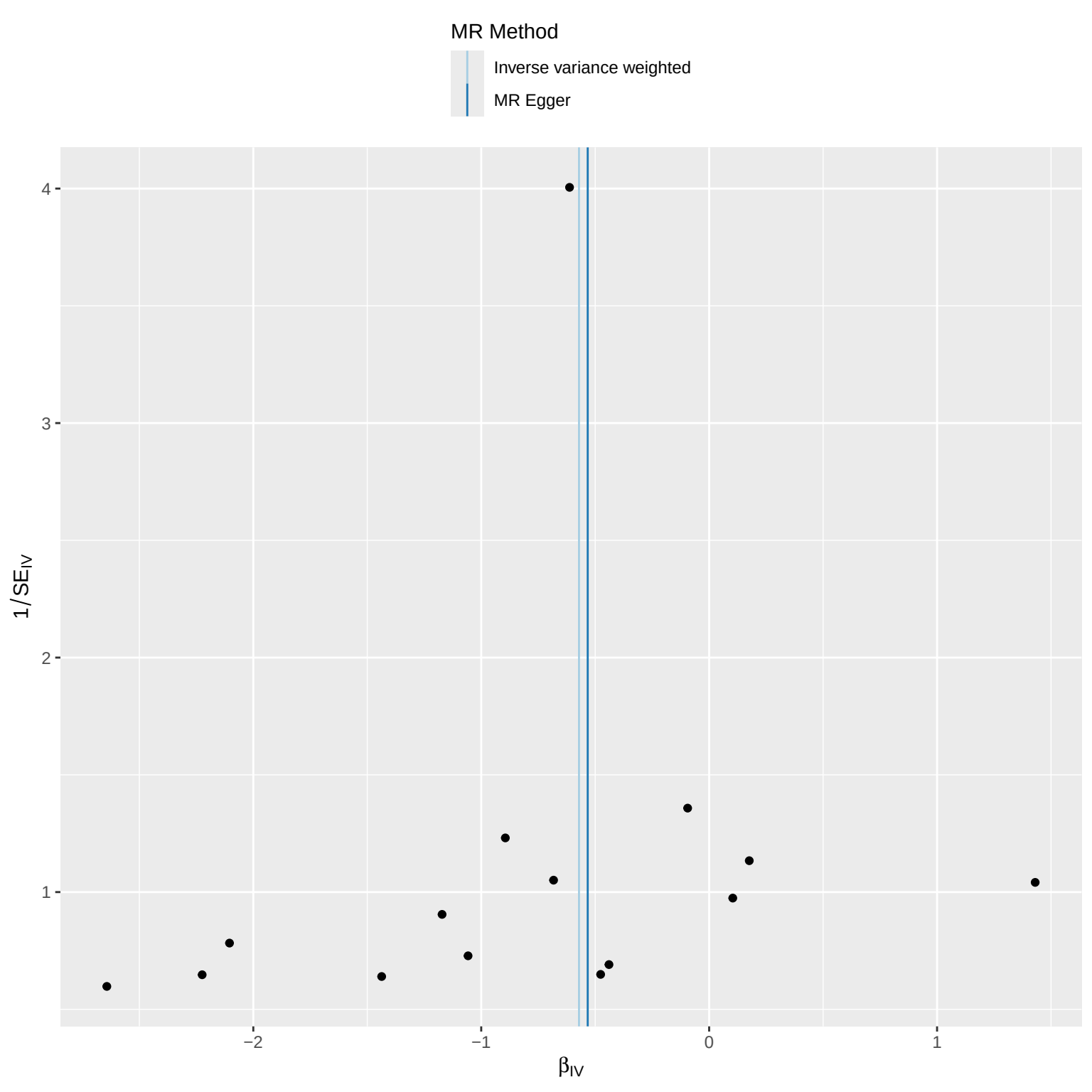

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

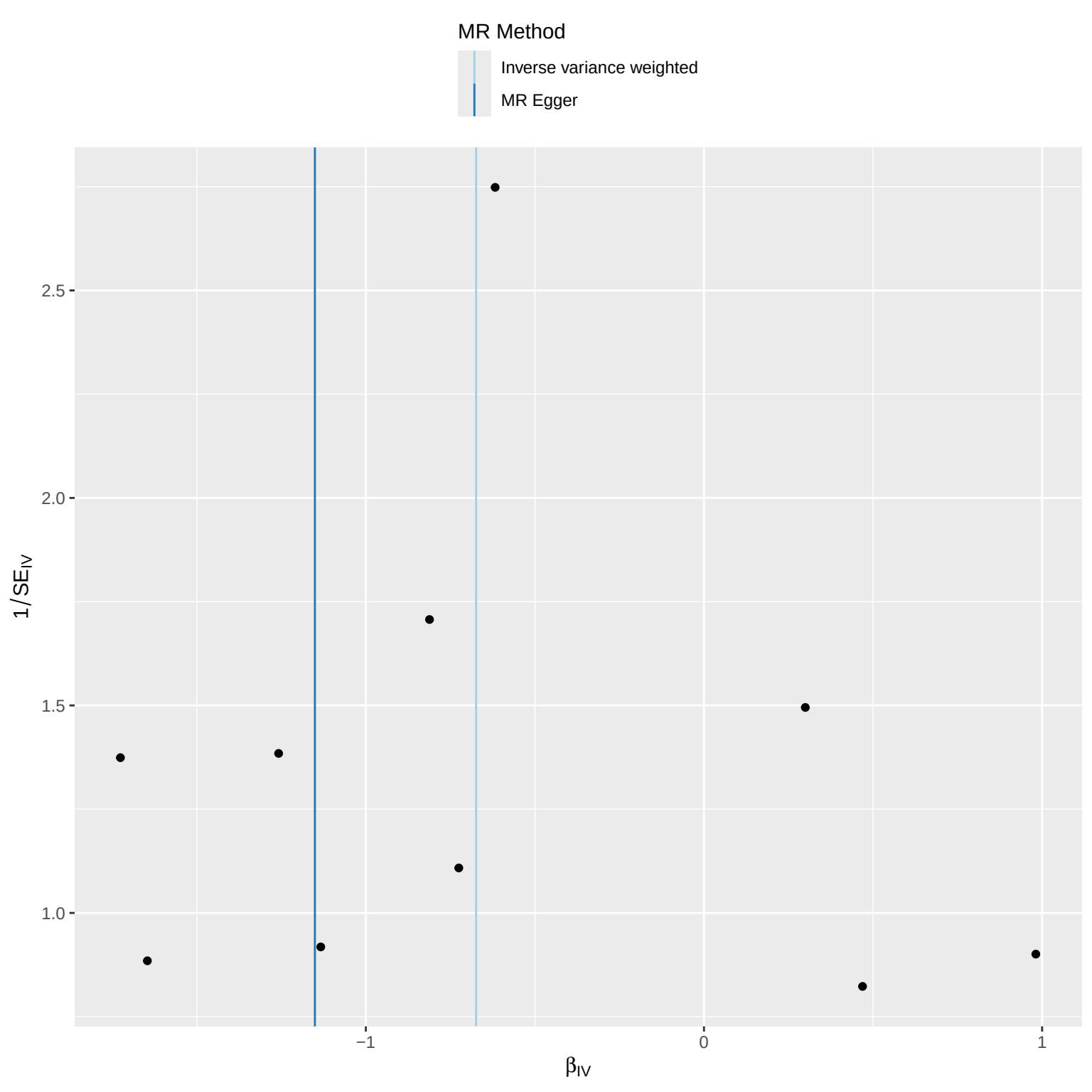

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

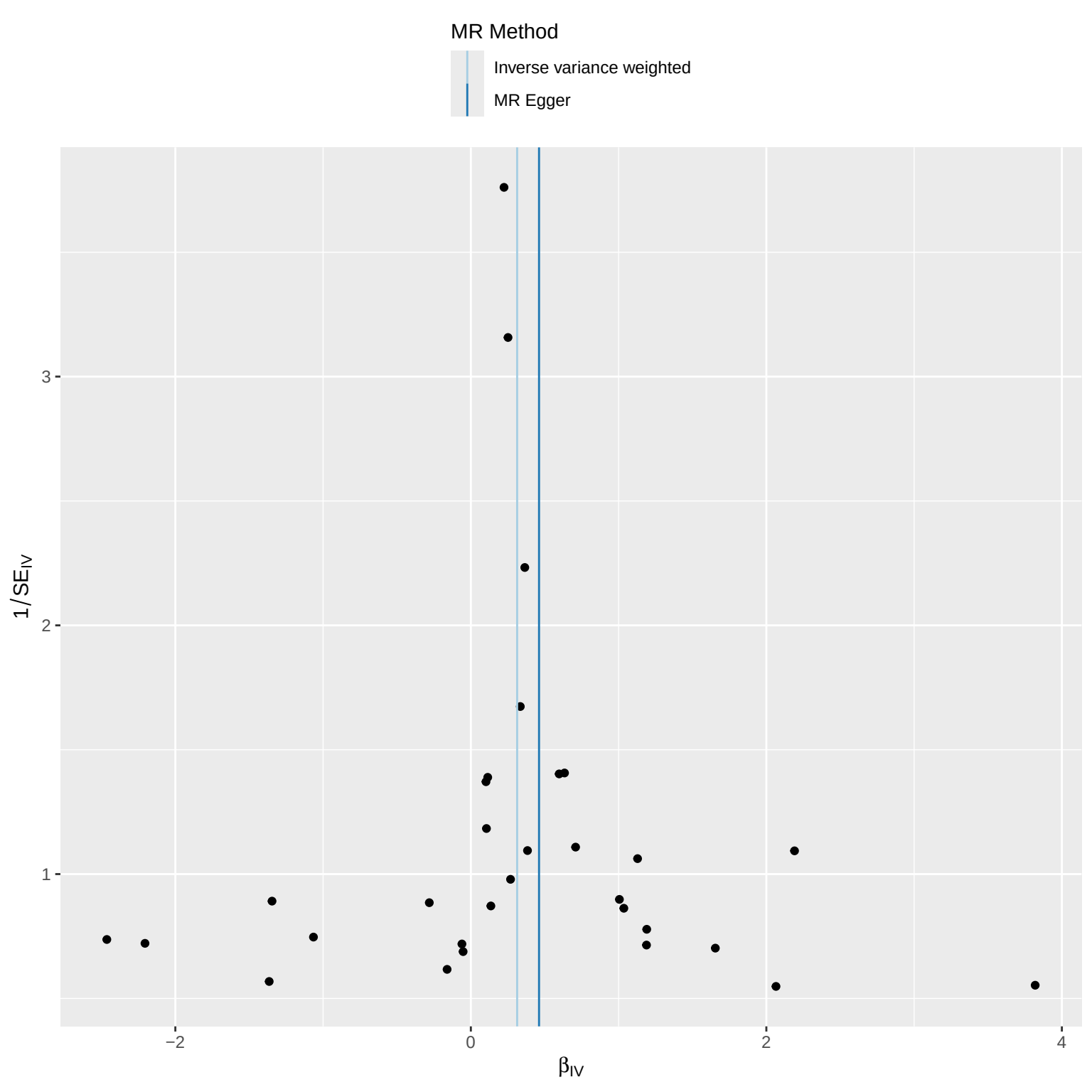

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

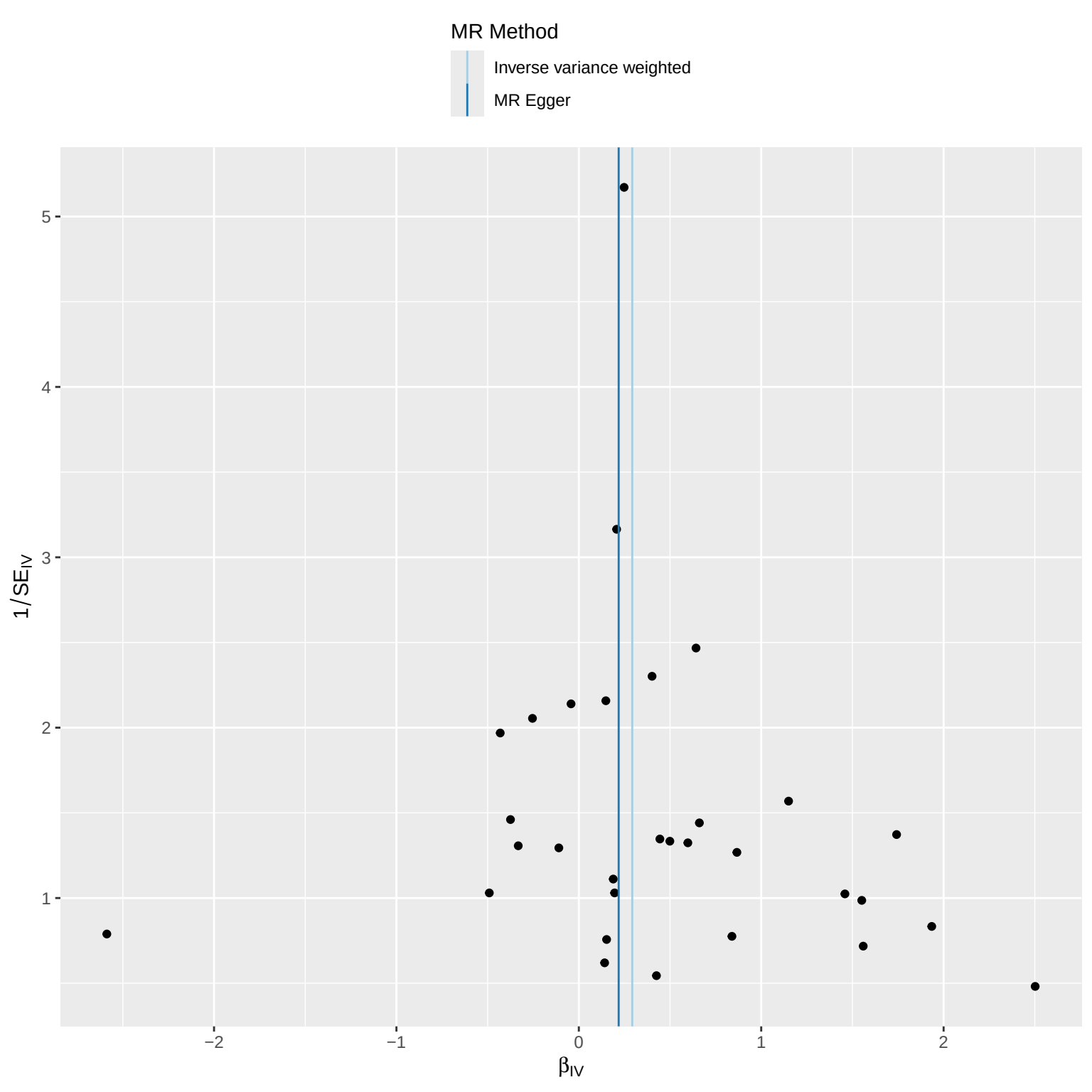

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

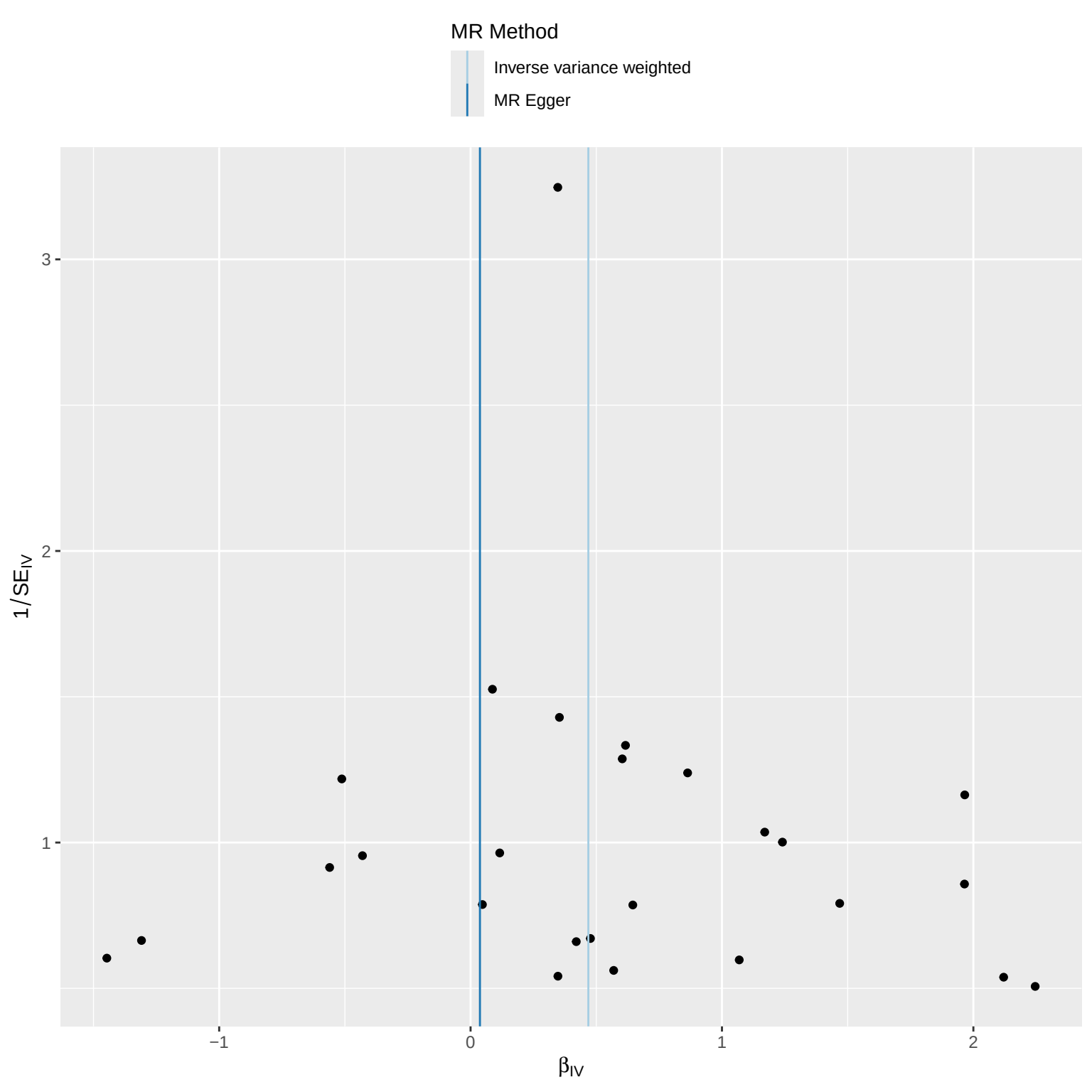

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

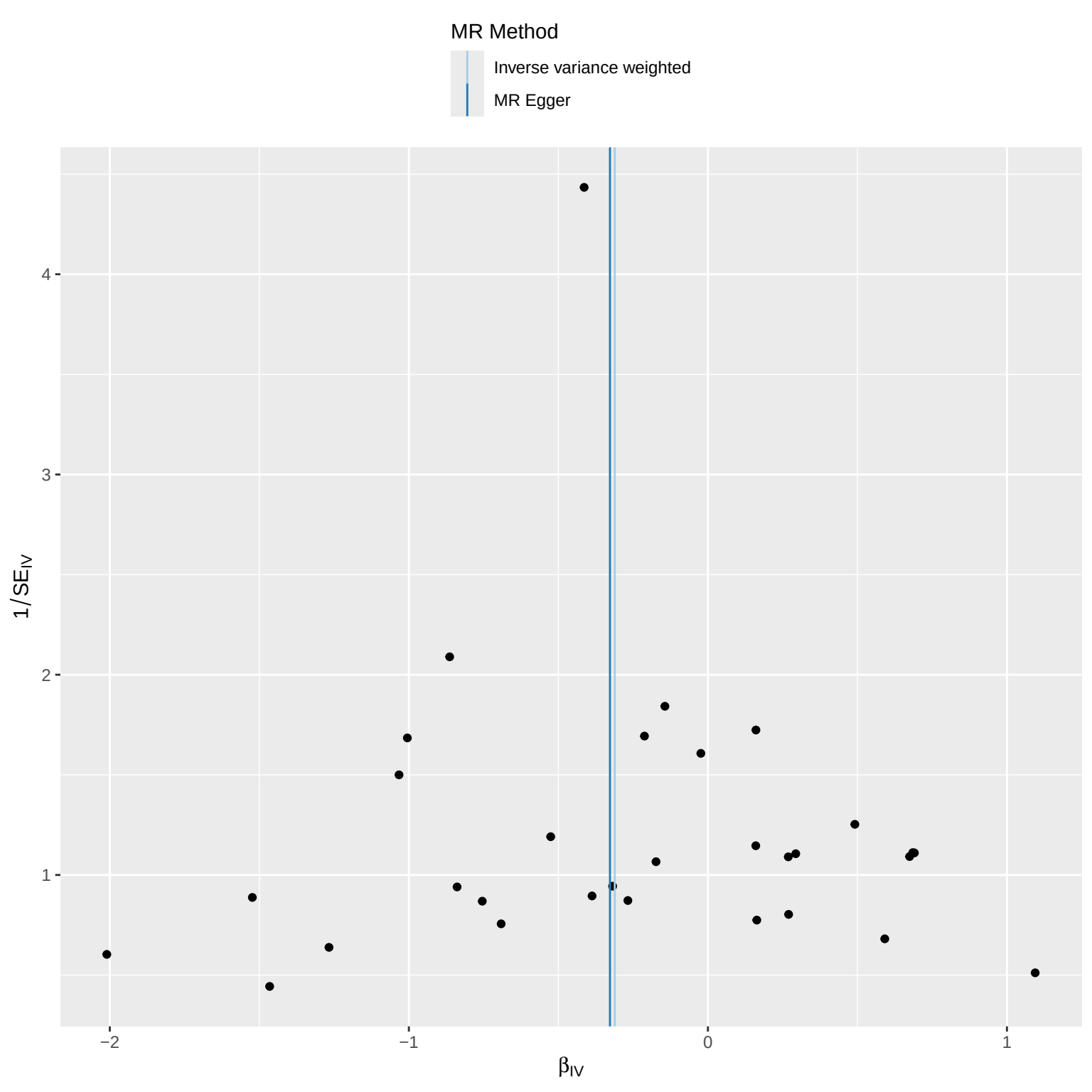

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

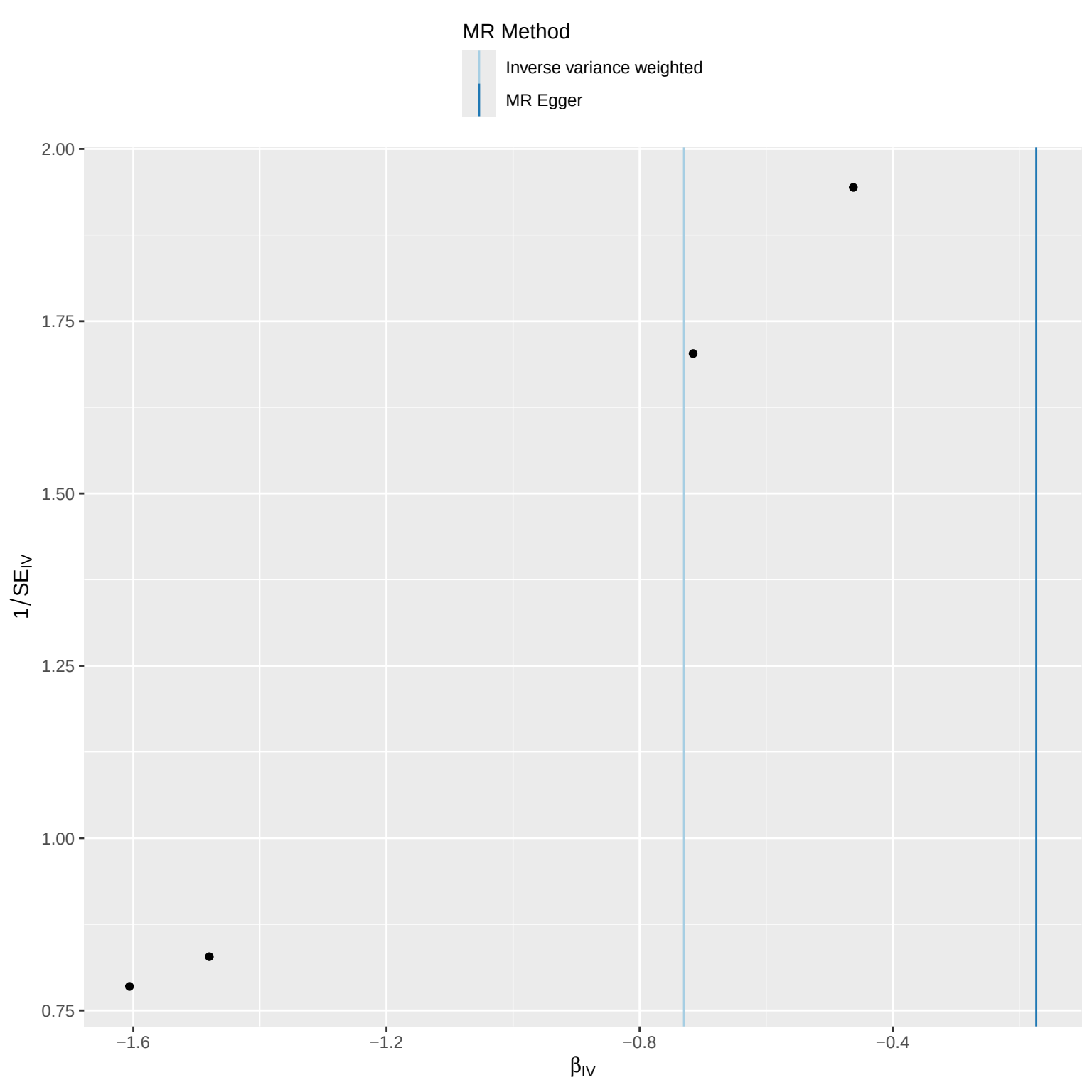

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

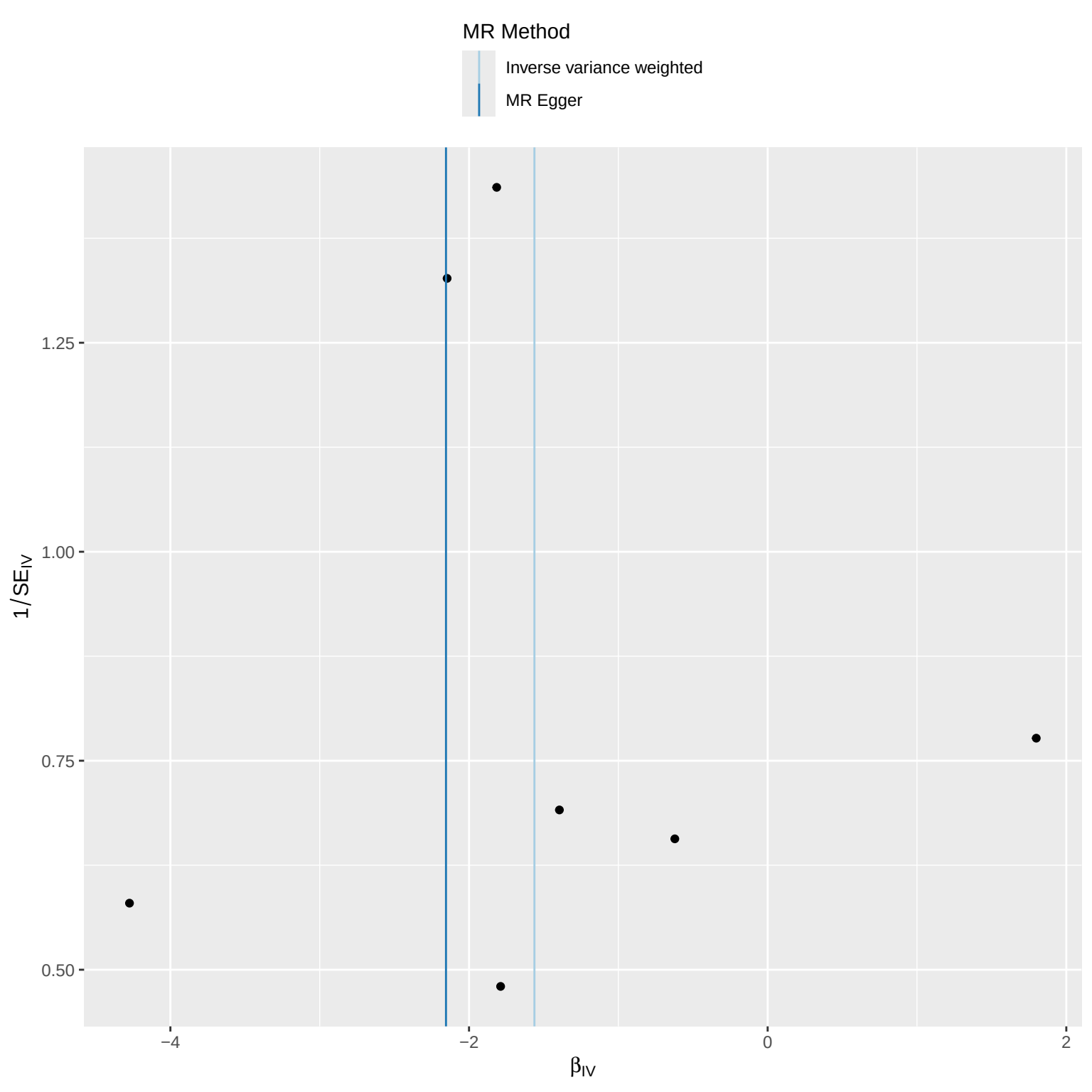

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−2
0
2
4
β_IV

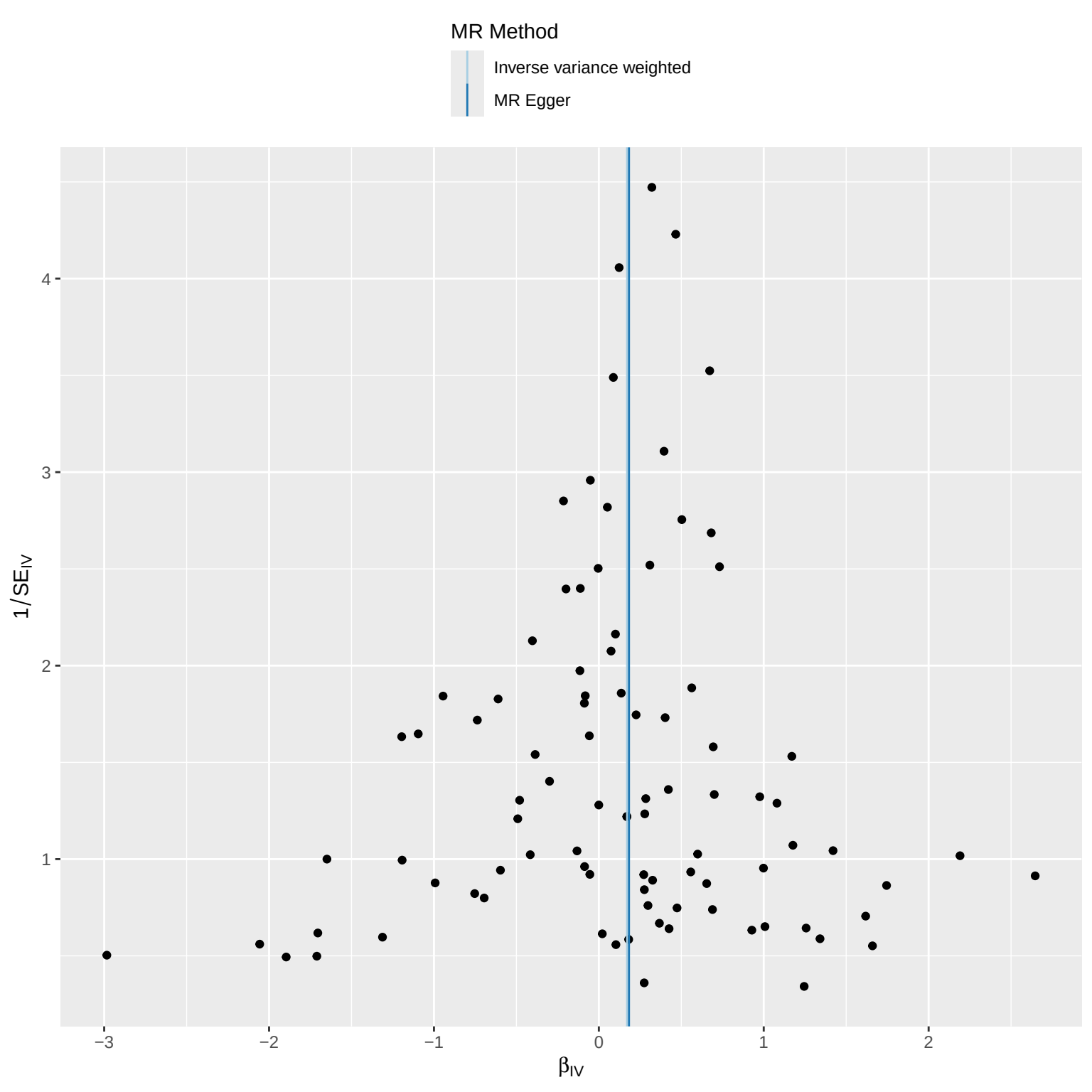

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

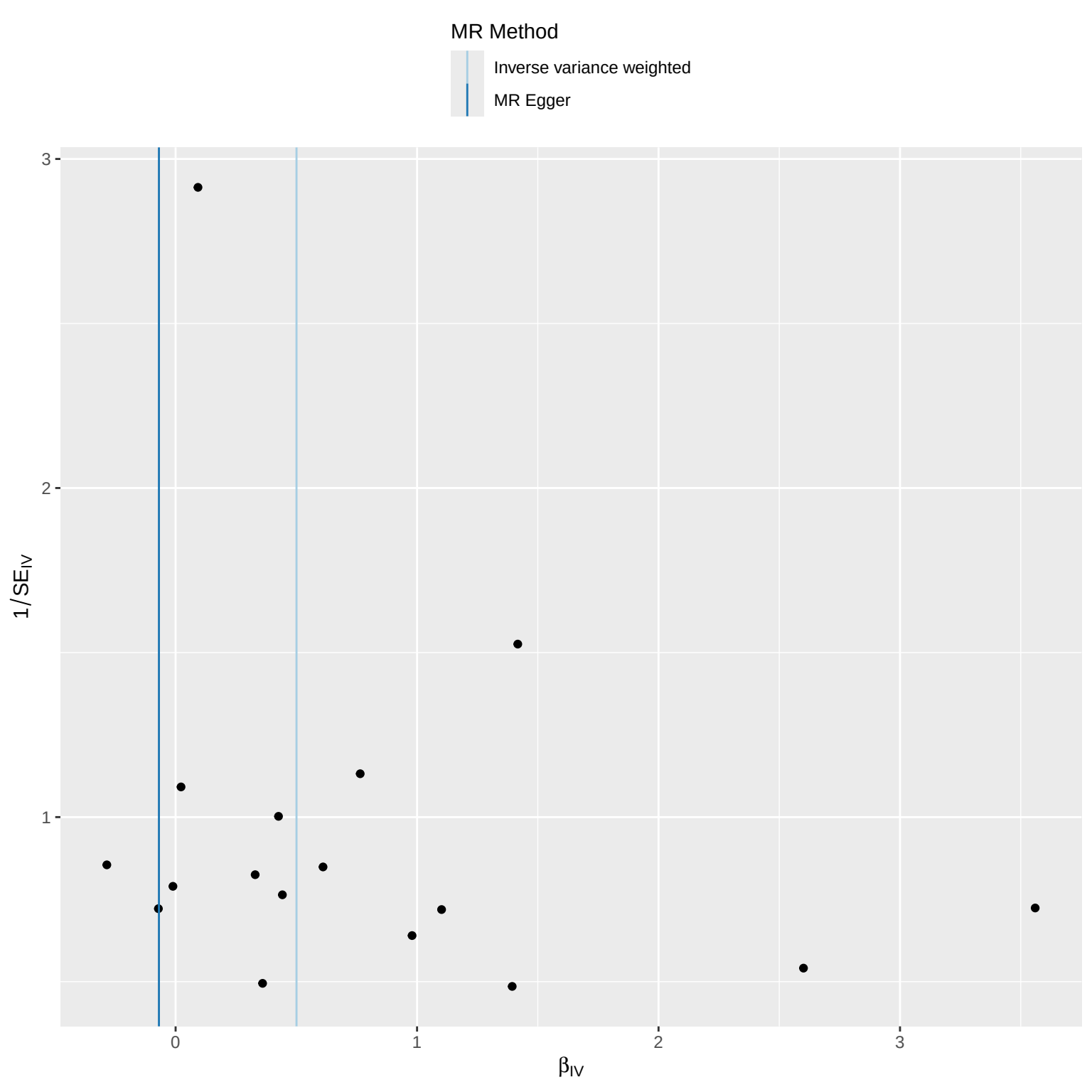

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

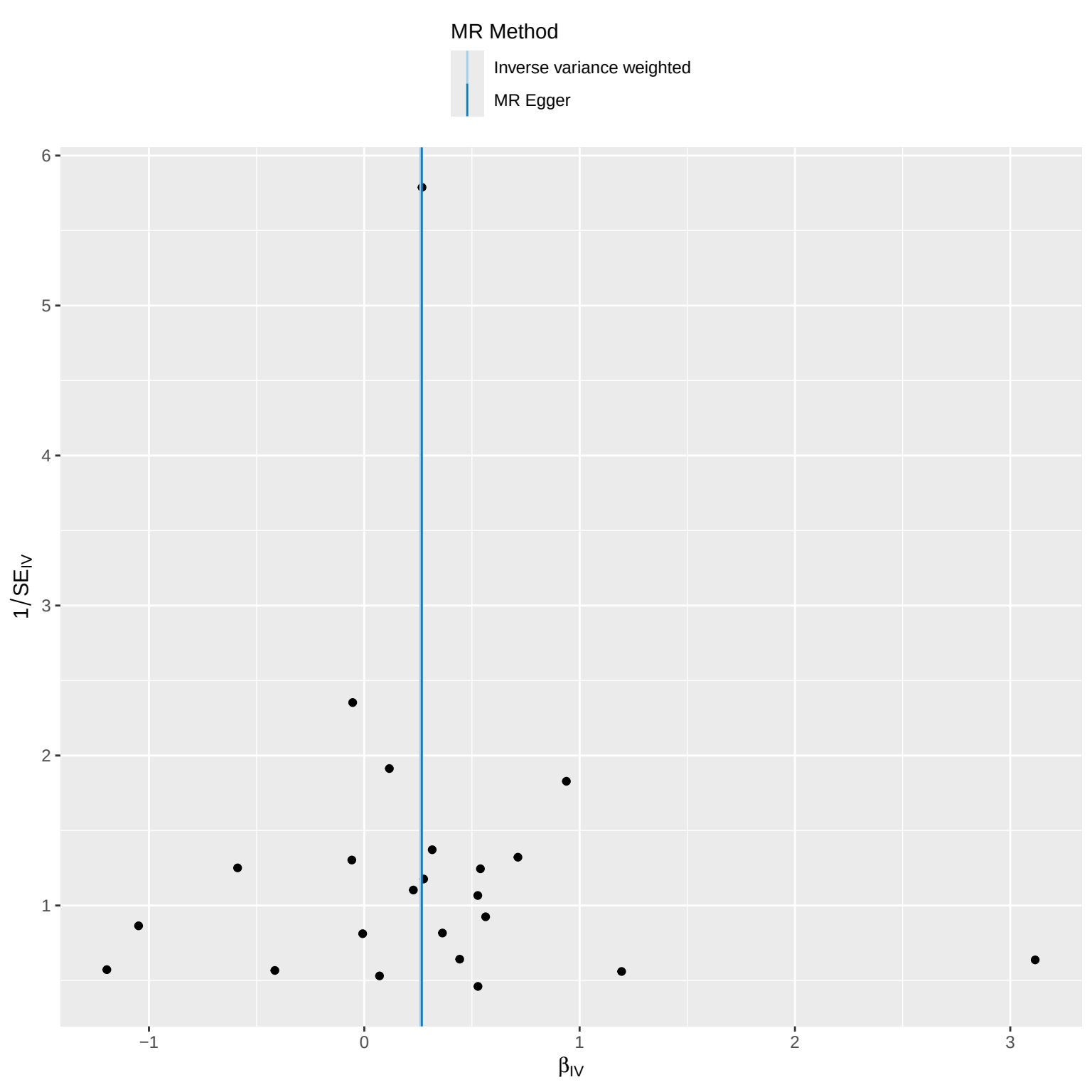

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

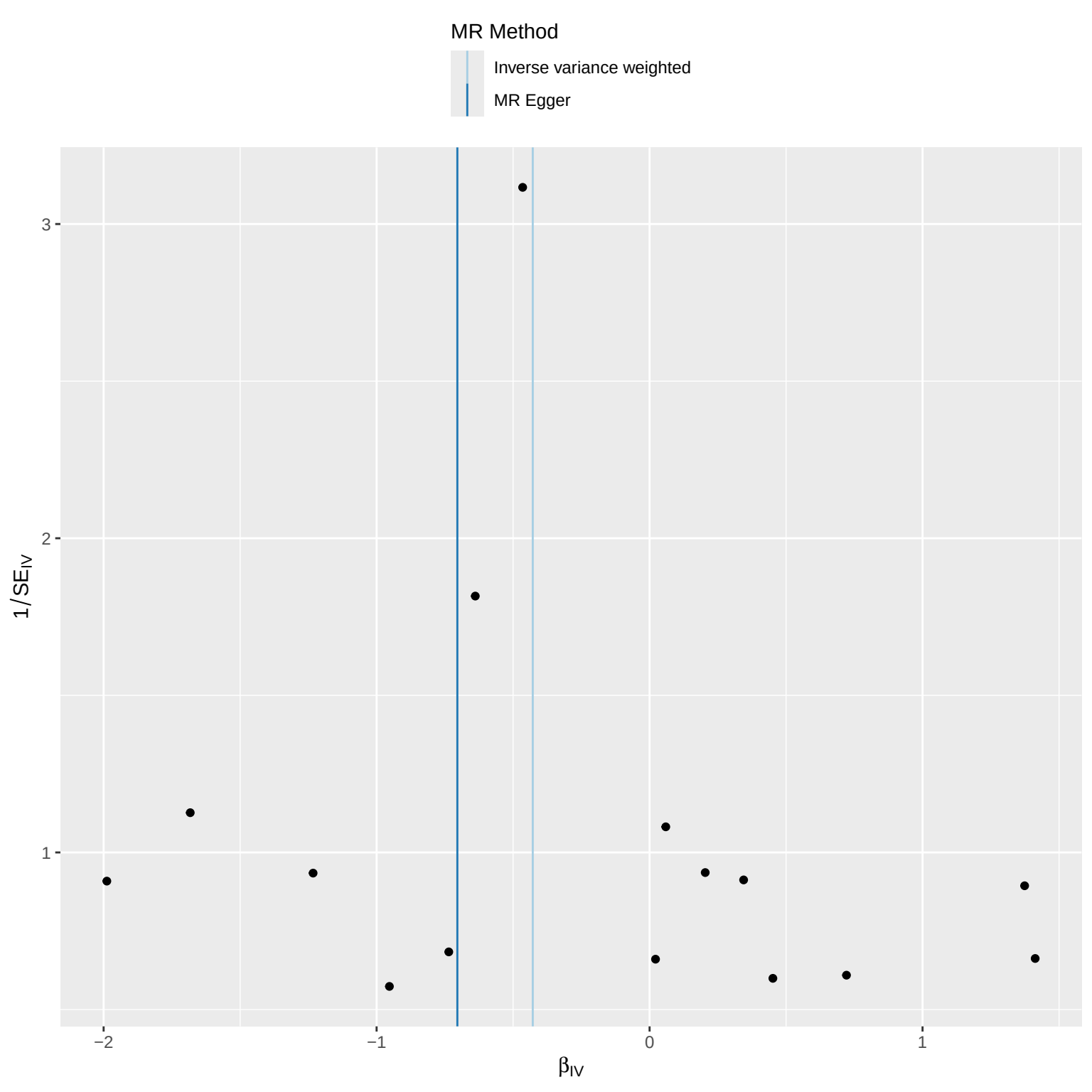

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−1.6
−1.2
−0.8
−0.4
β_IV

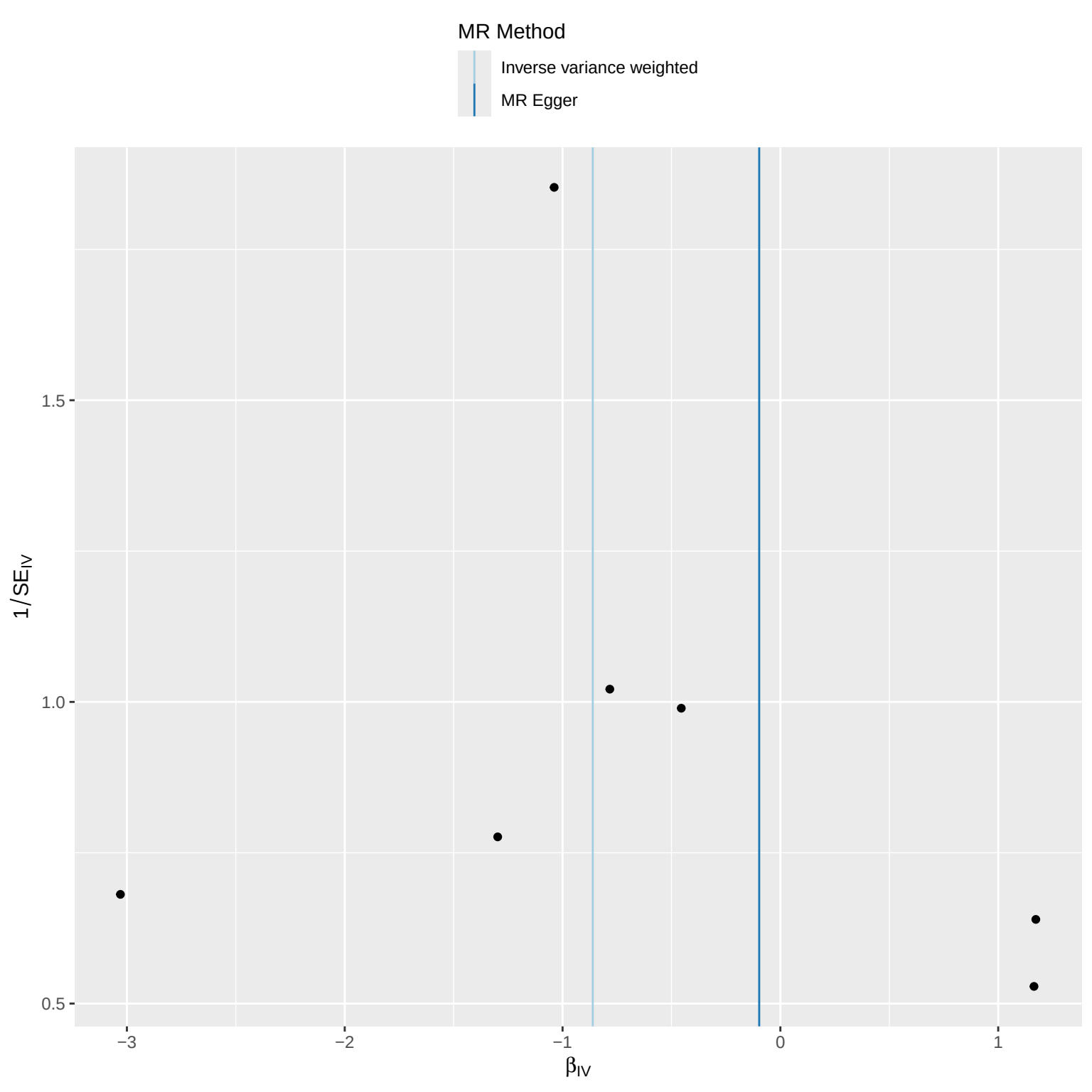

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−4
−2
0
2
β_IV

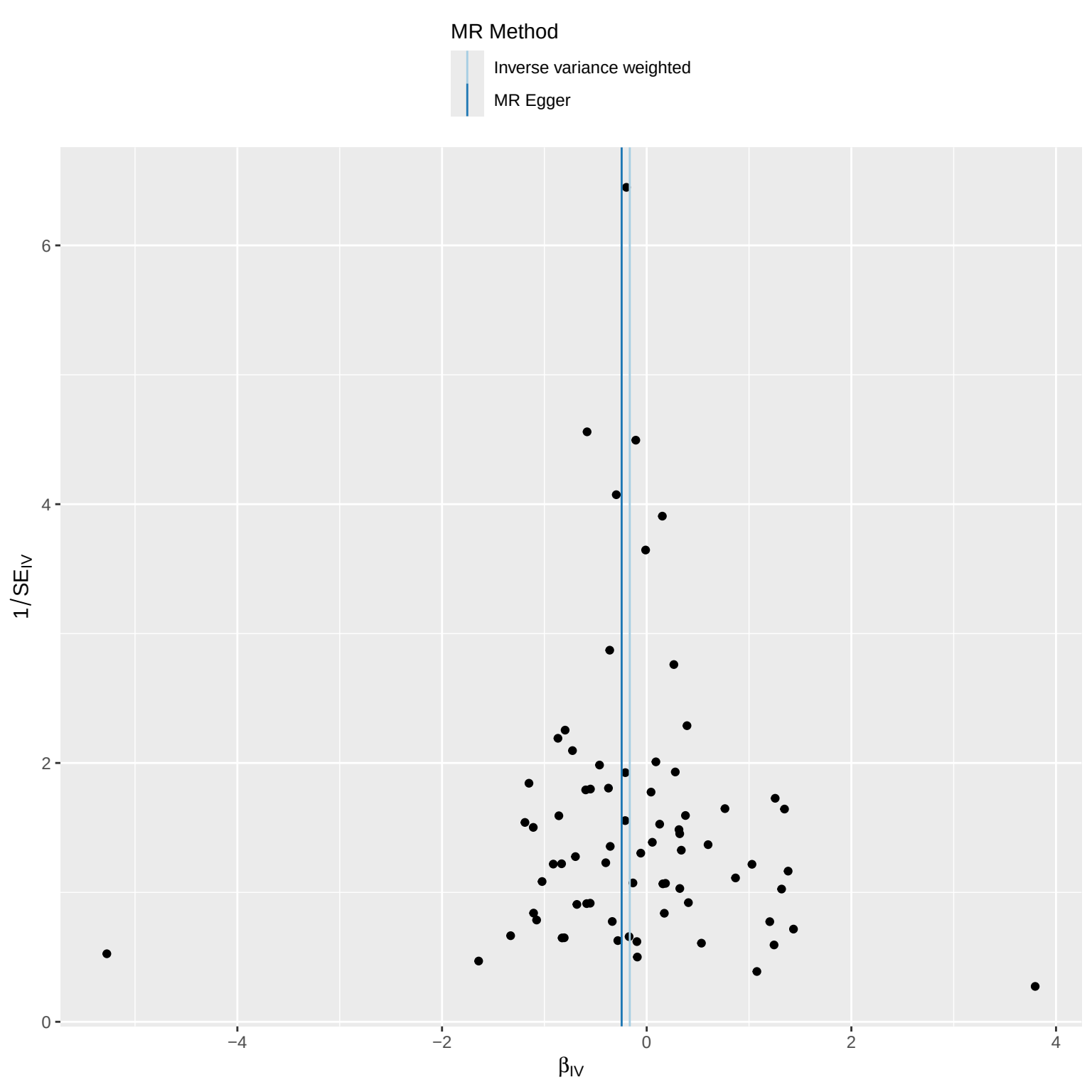

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

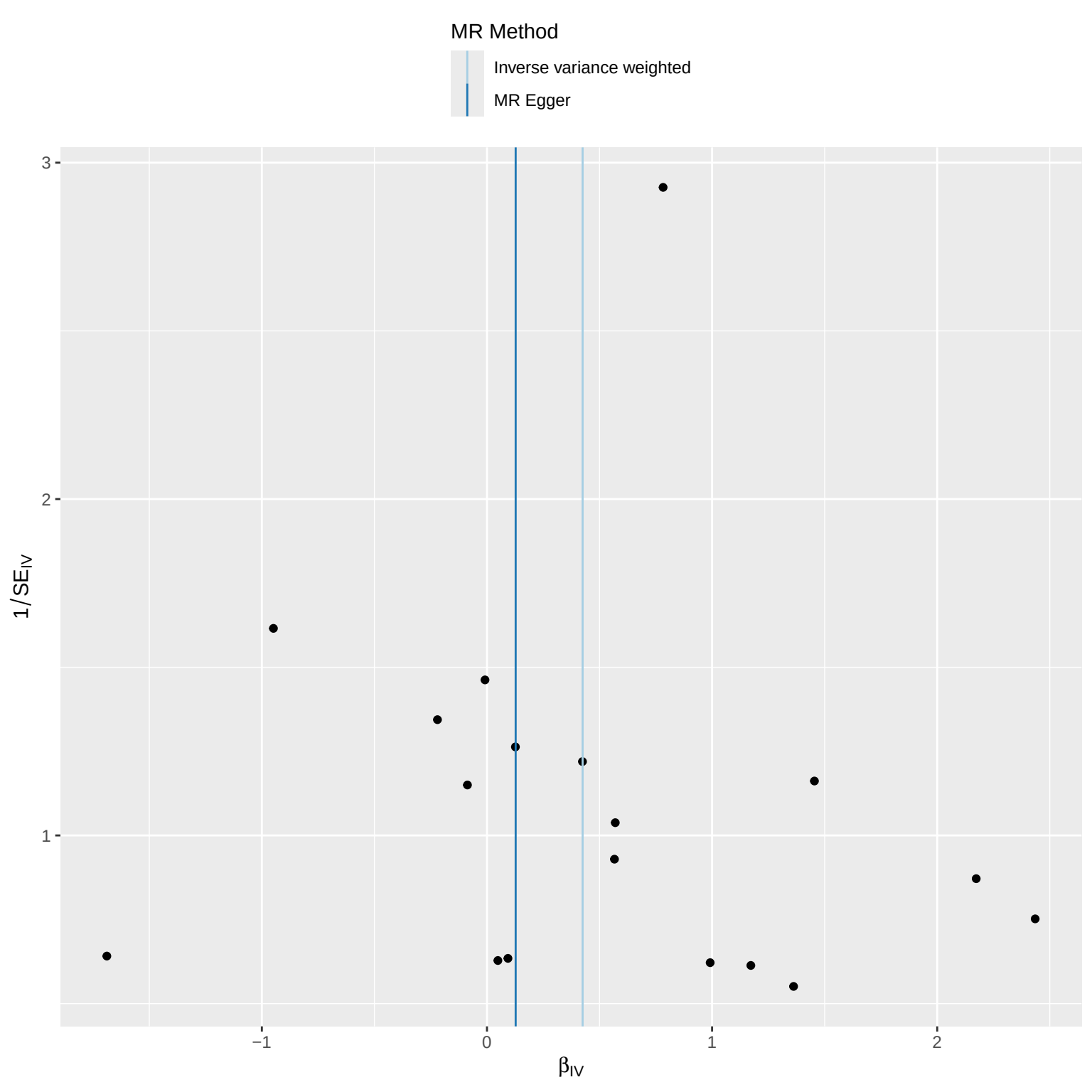

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0
1
2
3
β_IV

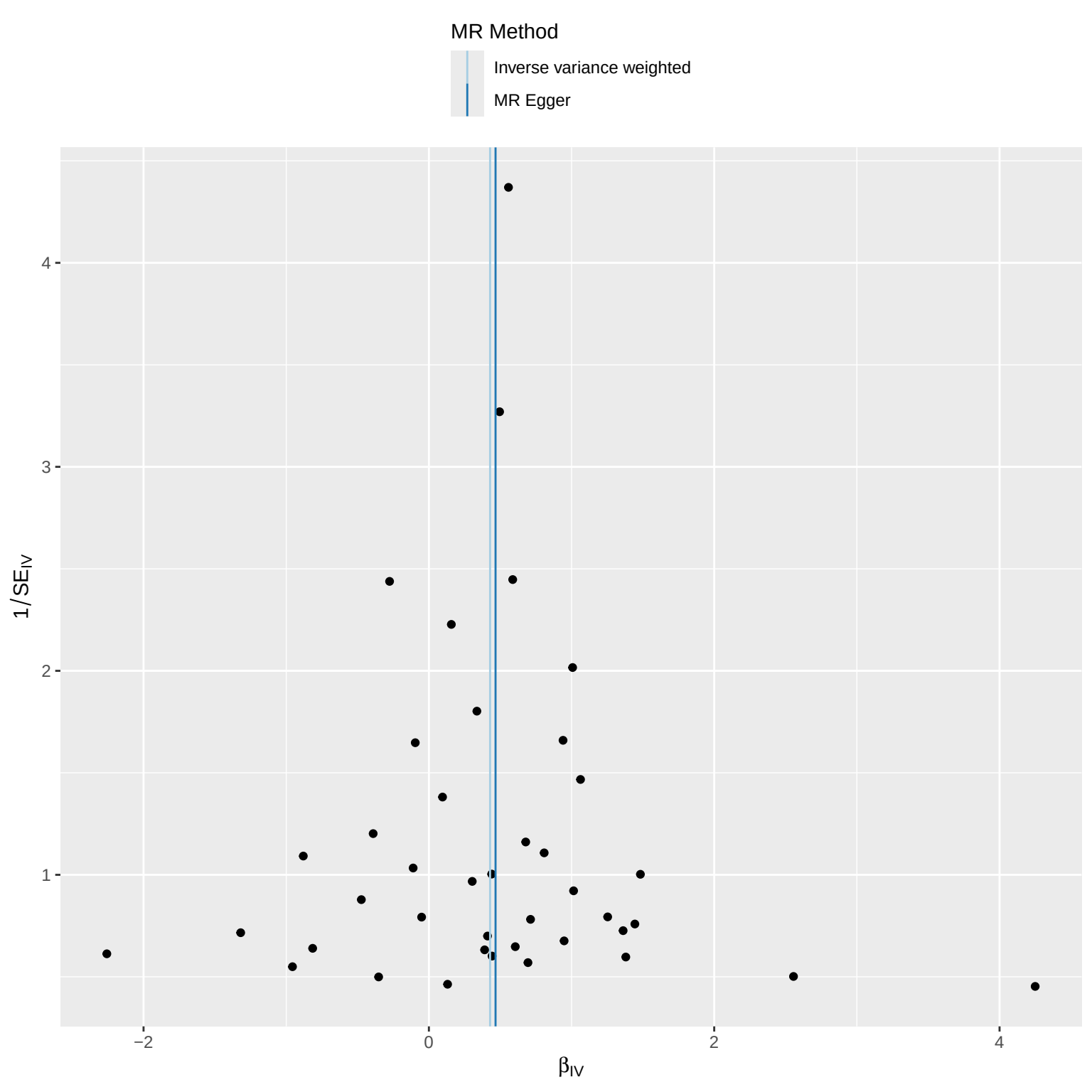

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

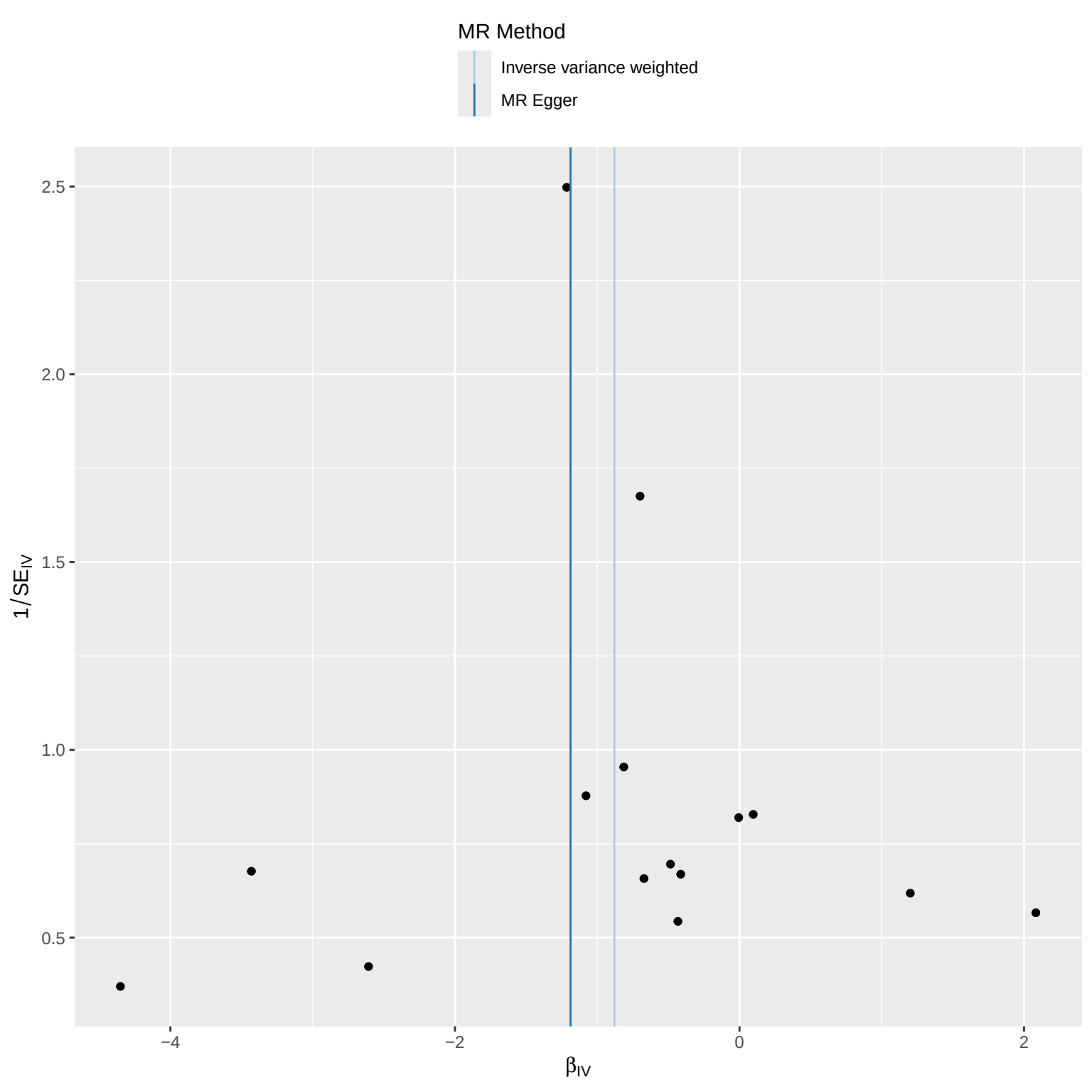

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

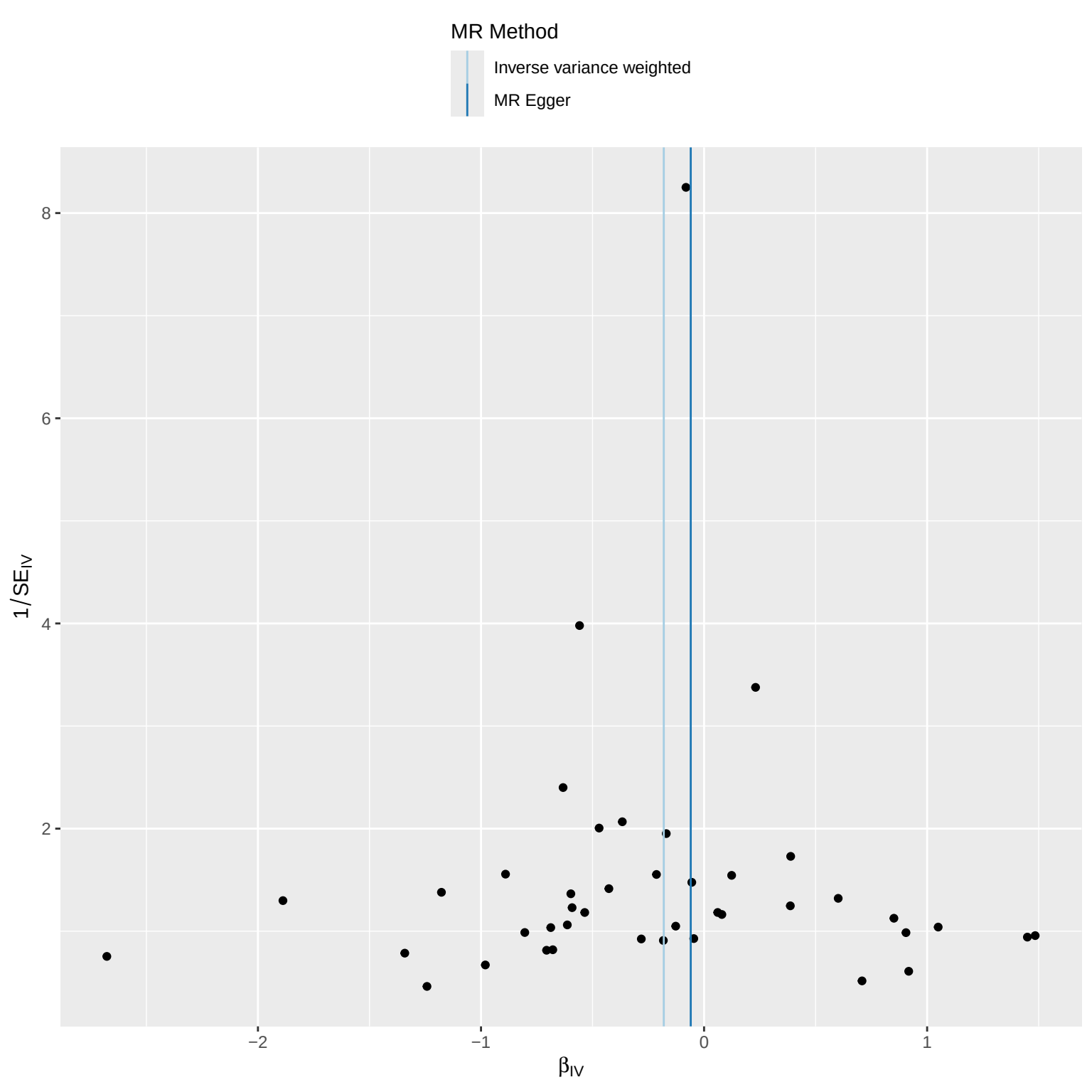

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

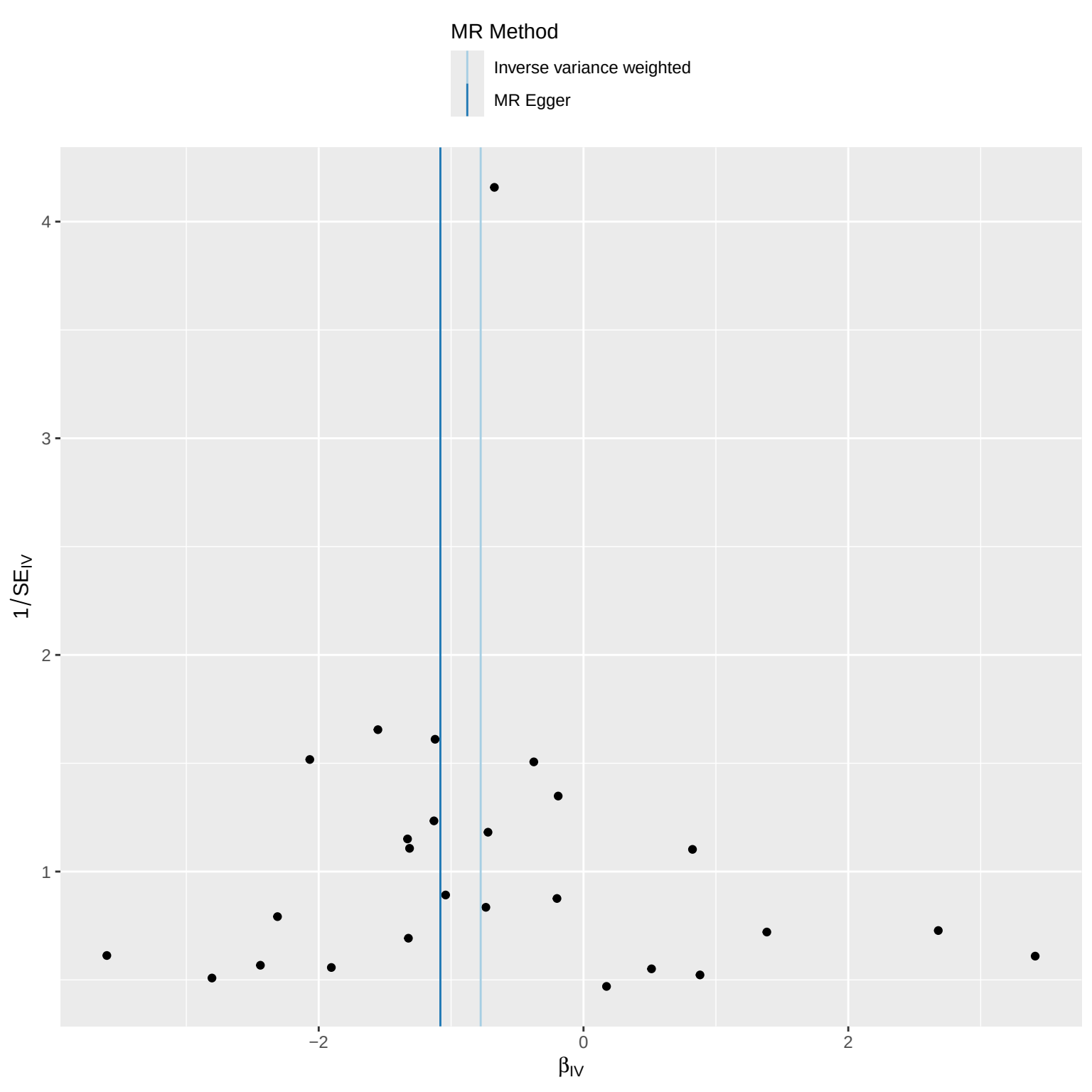

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−4
−2
0
2
4
β_IV

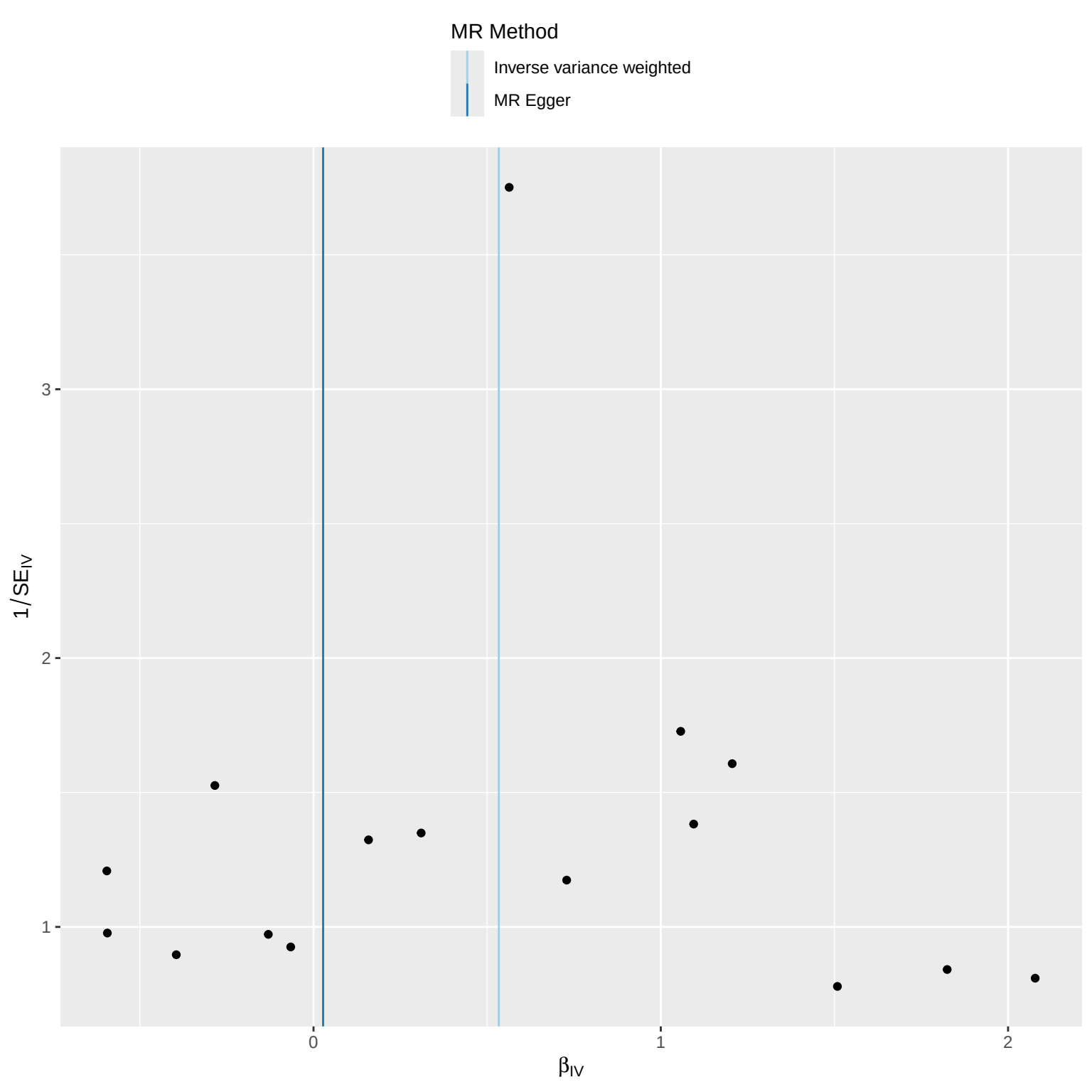

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

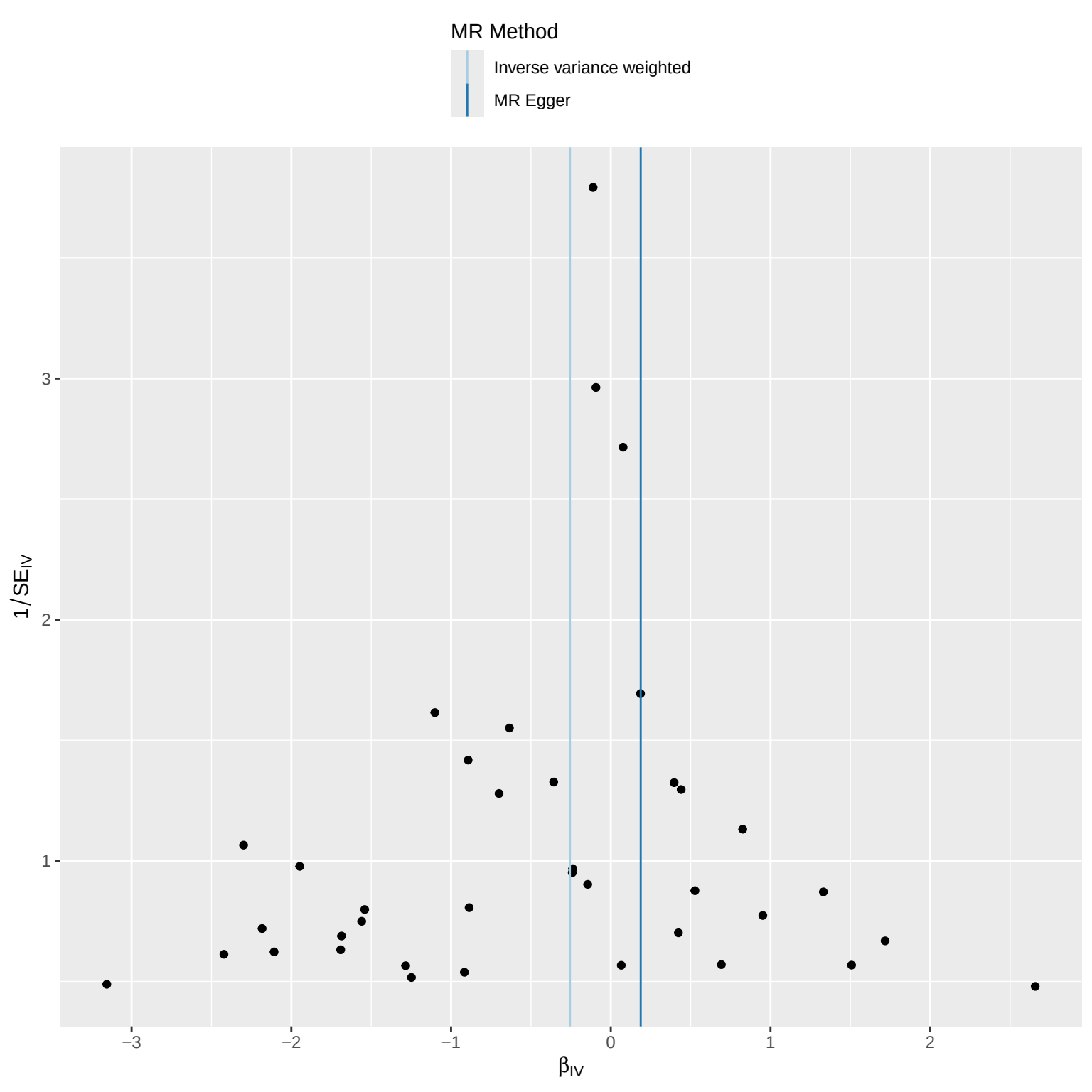

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

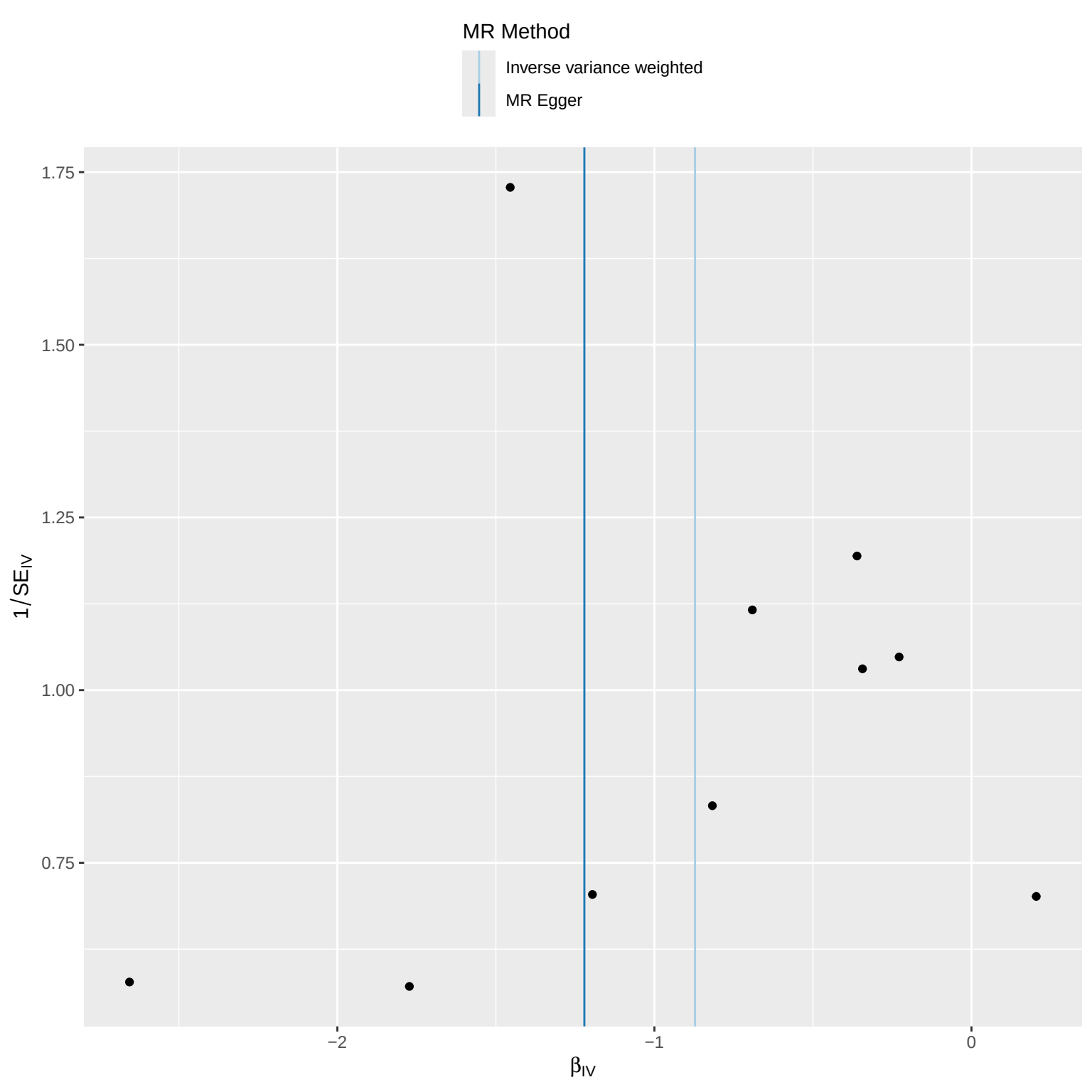

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

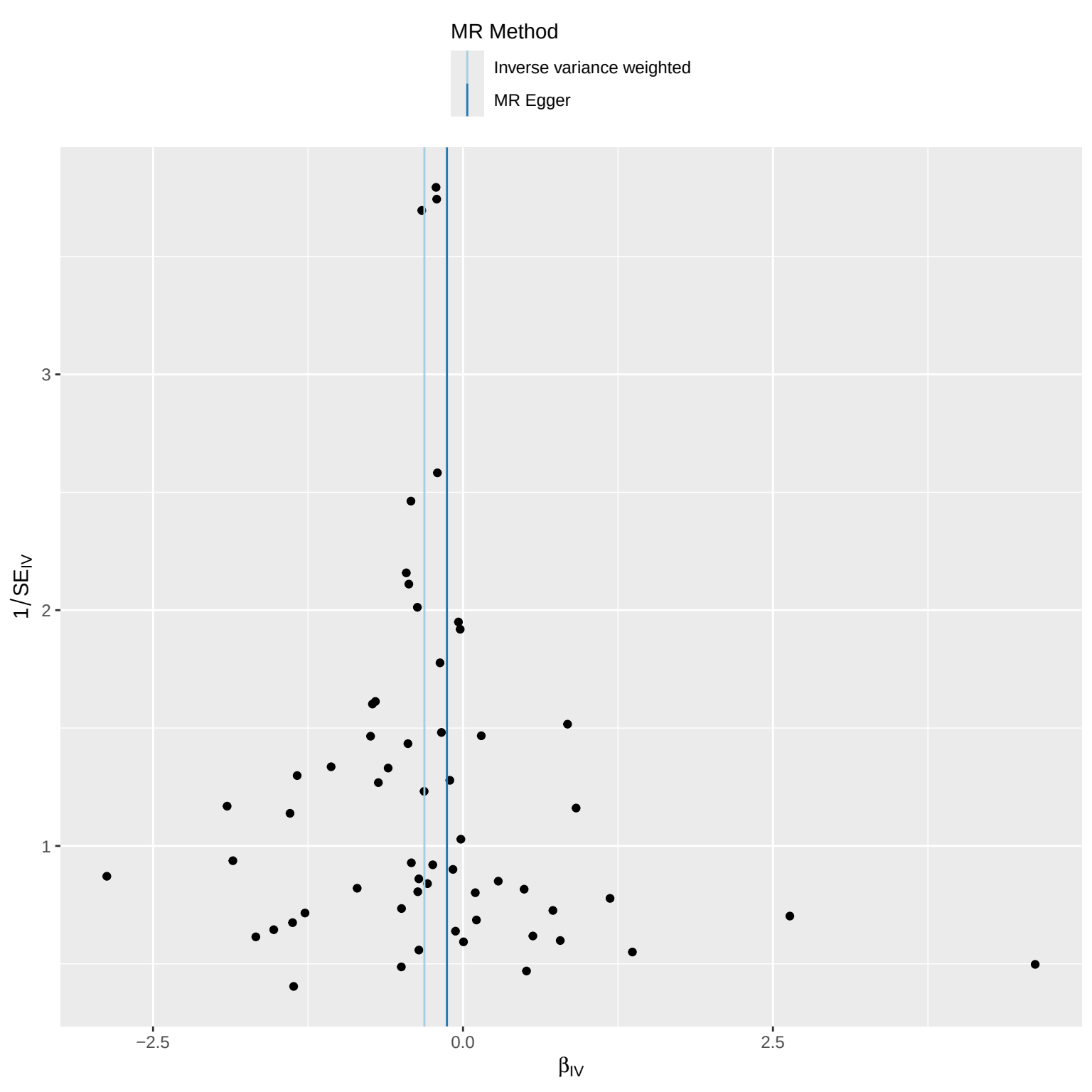

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

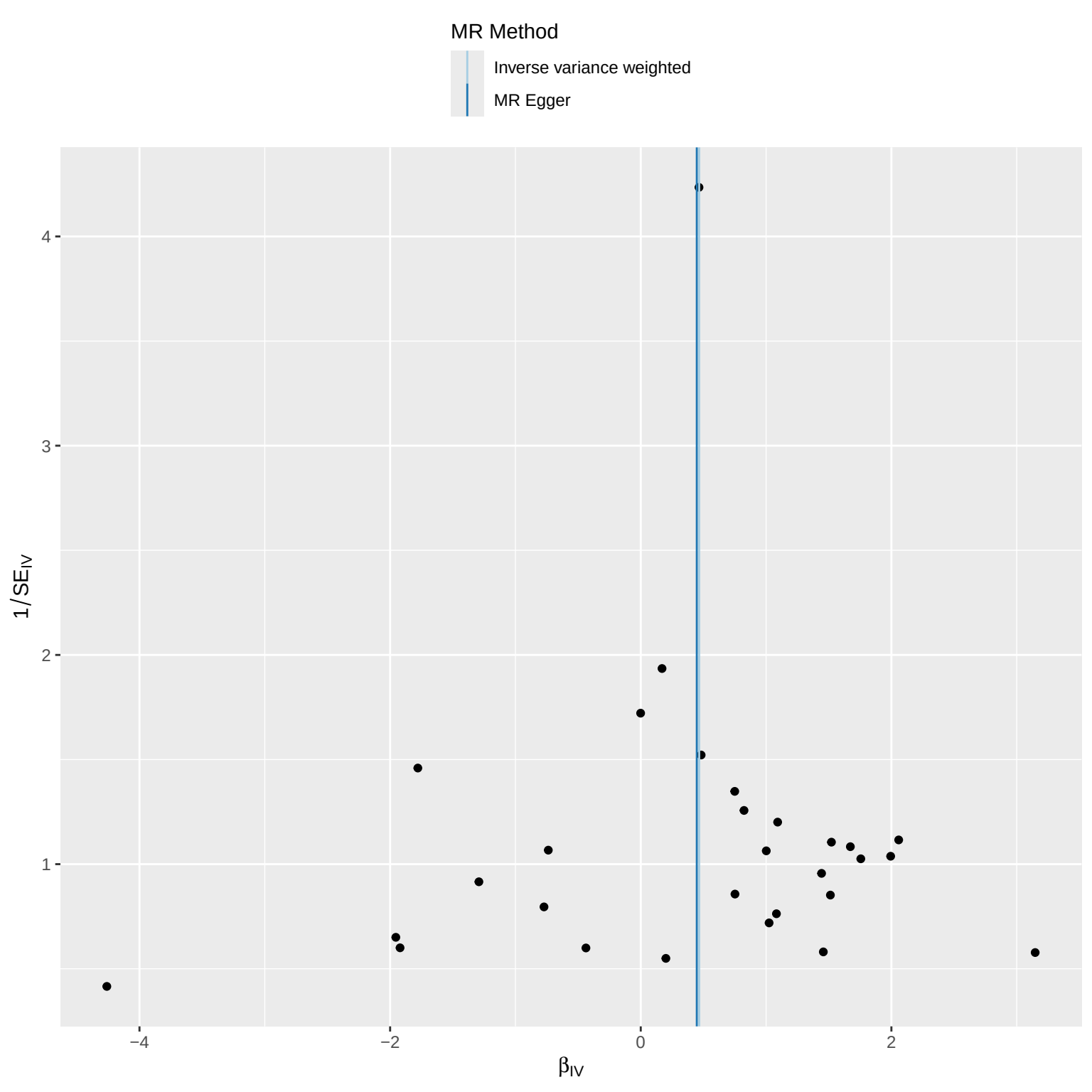

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

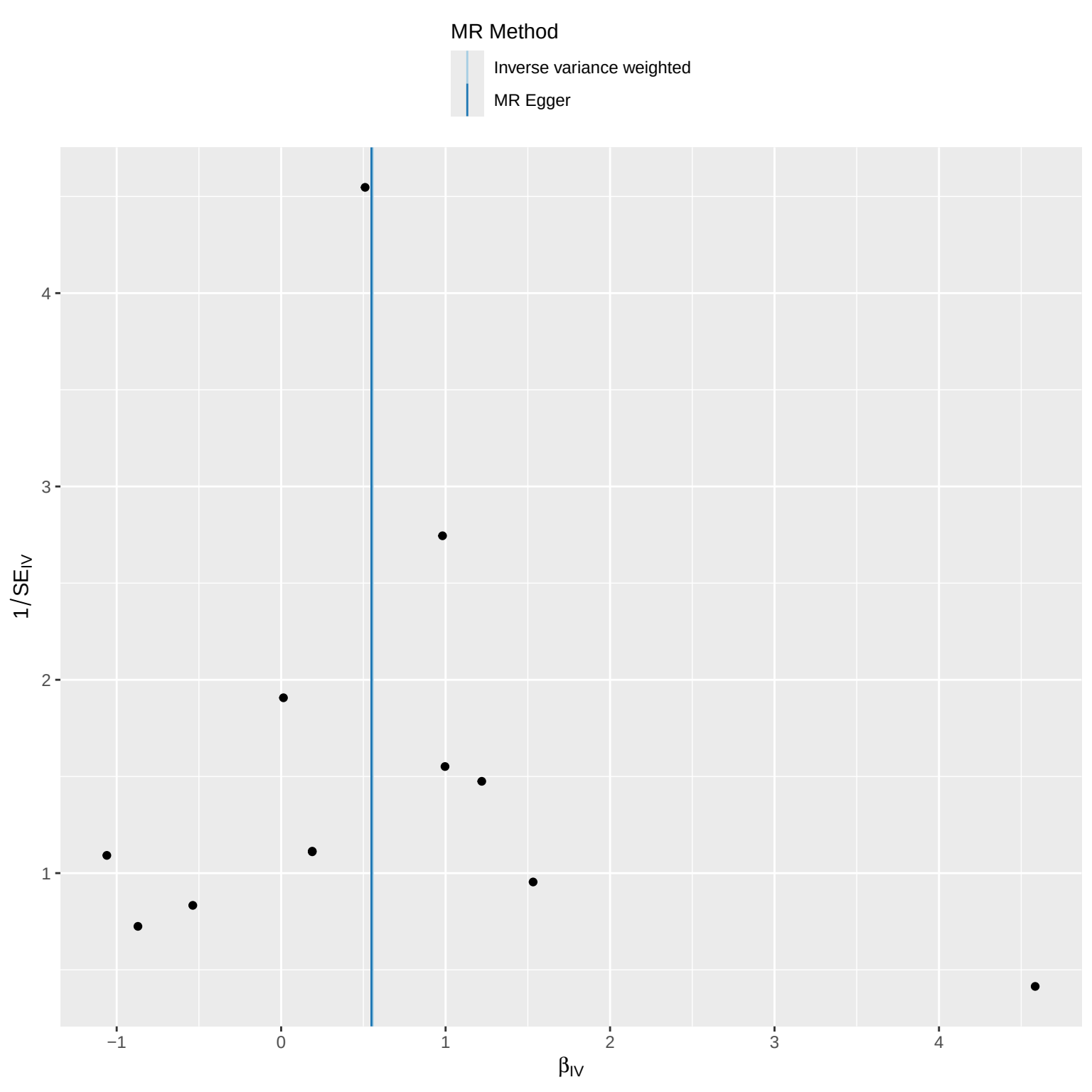

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
1/SE_IV
β_IV

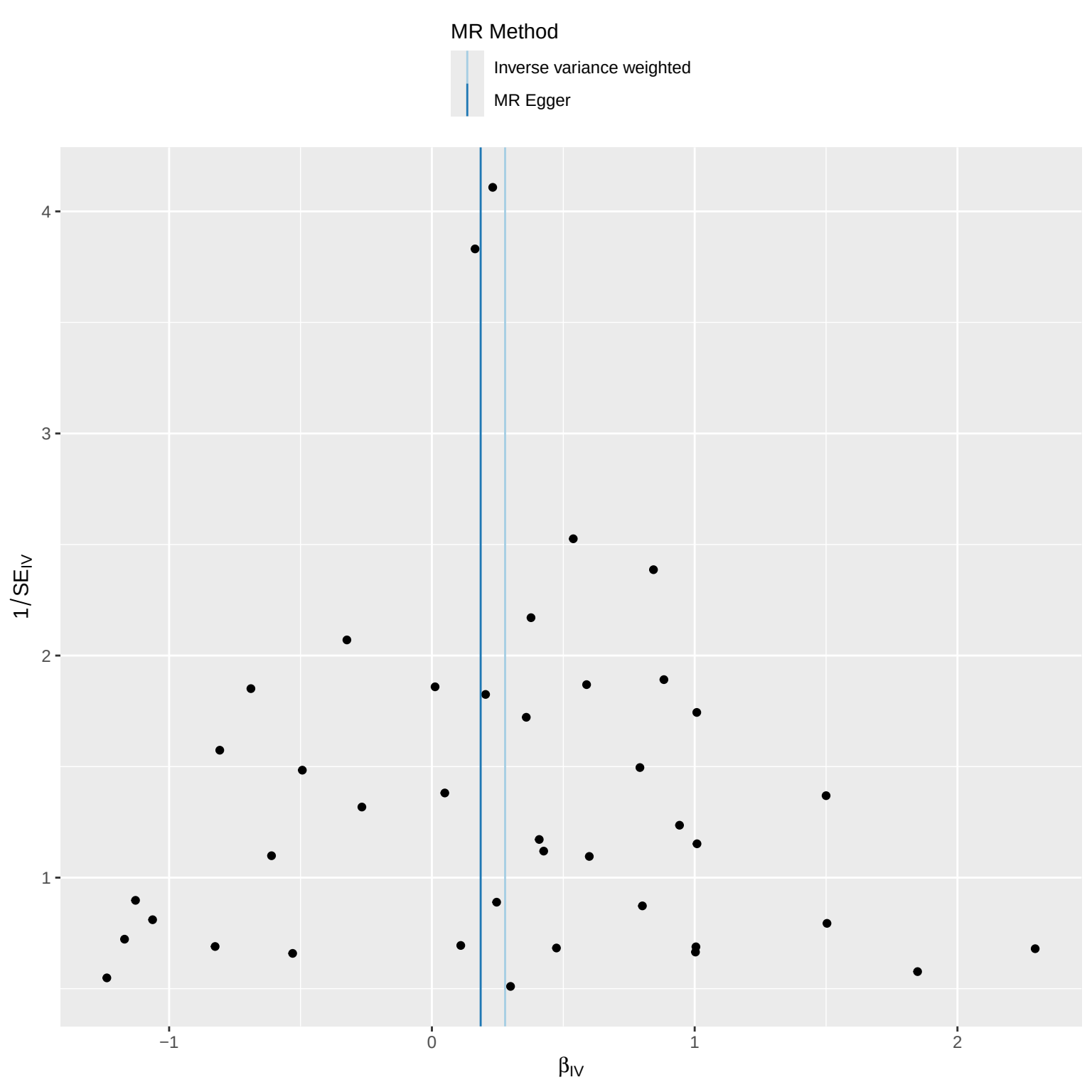

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−3
−2
−1
0
1
2
β_IV

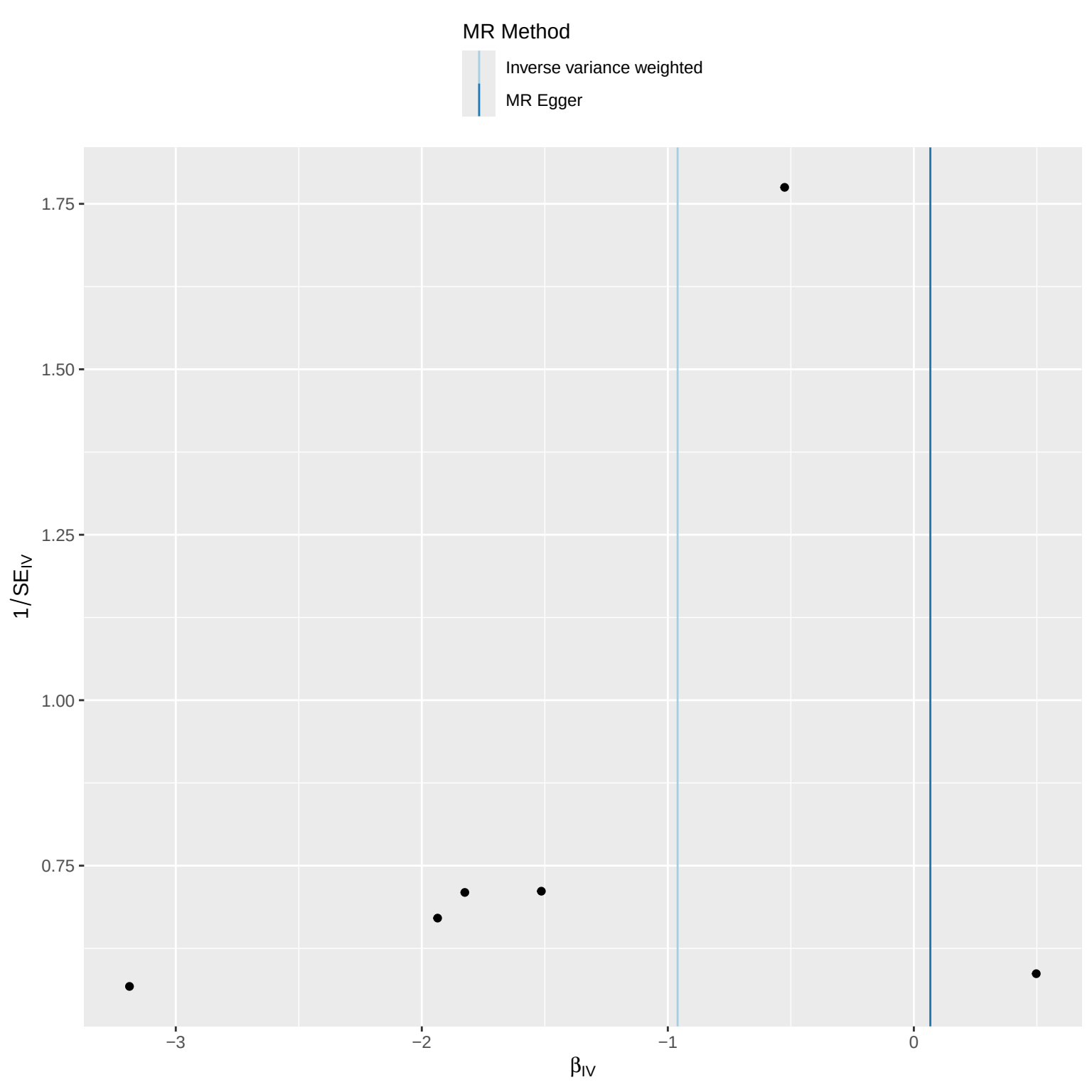

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
β_IV

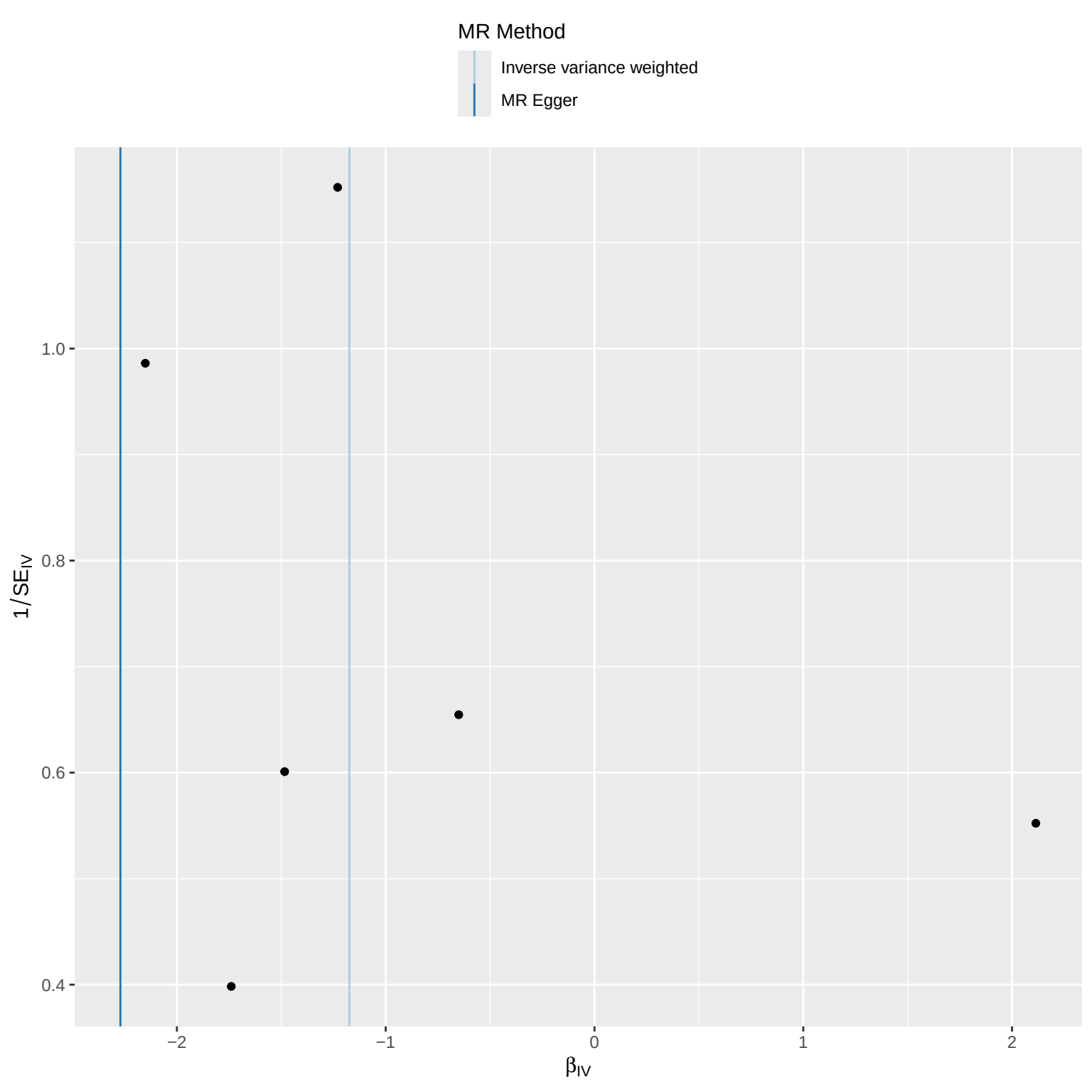

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
β_IV

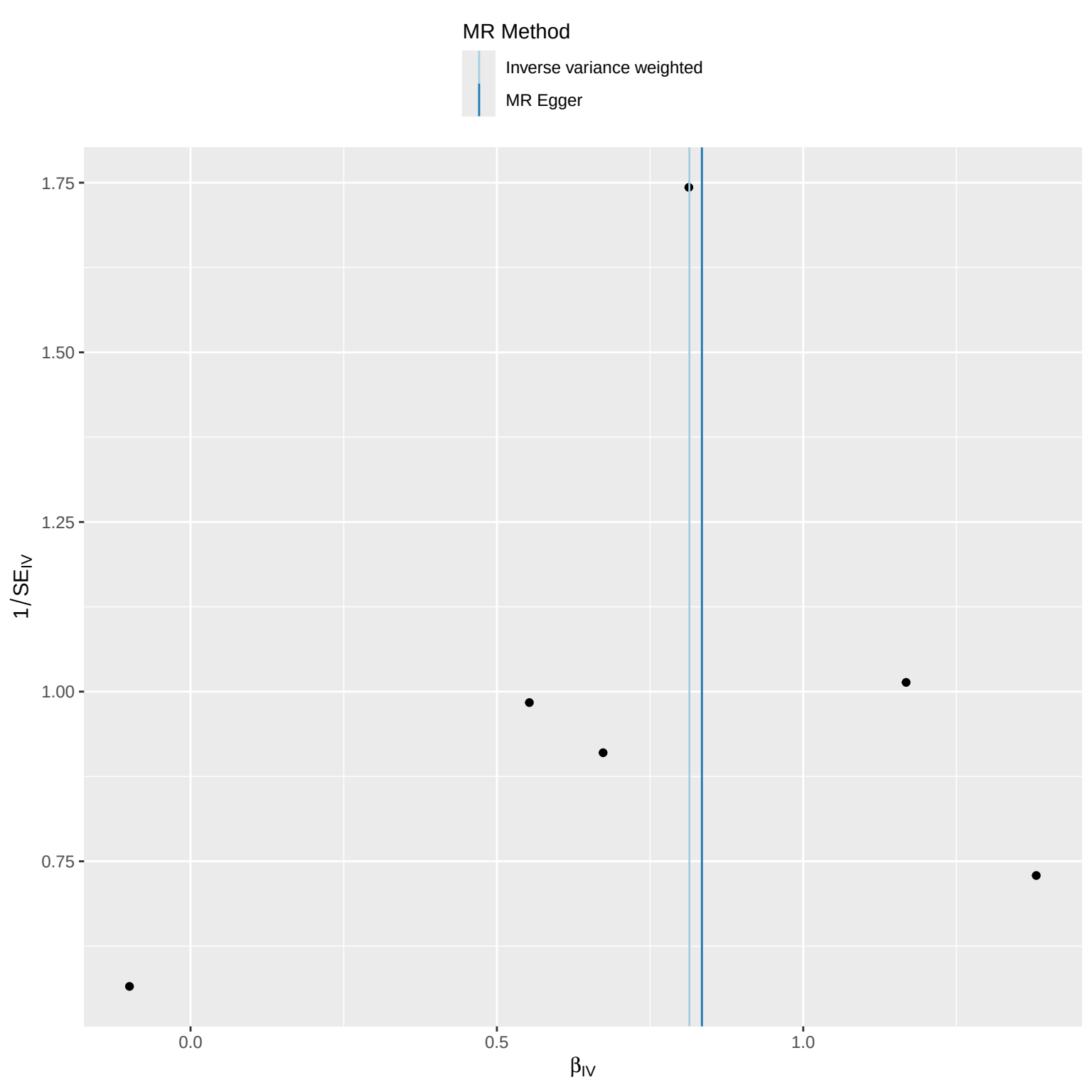

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

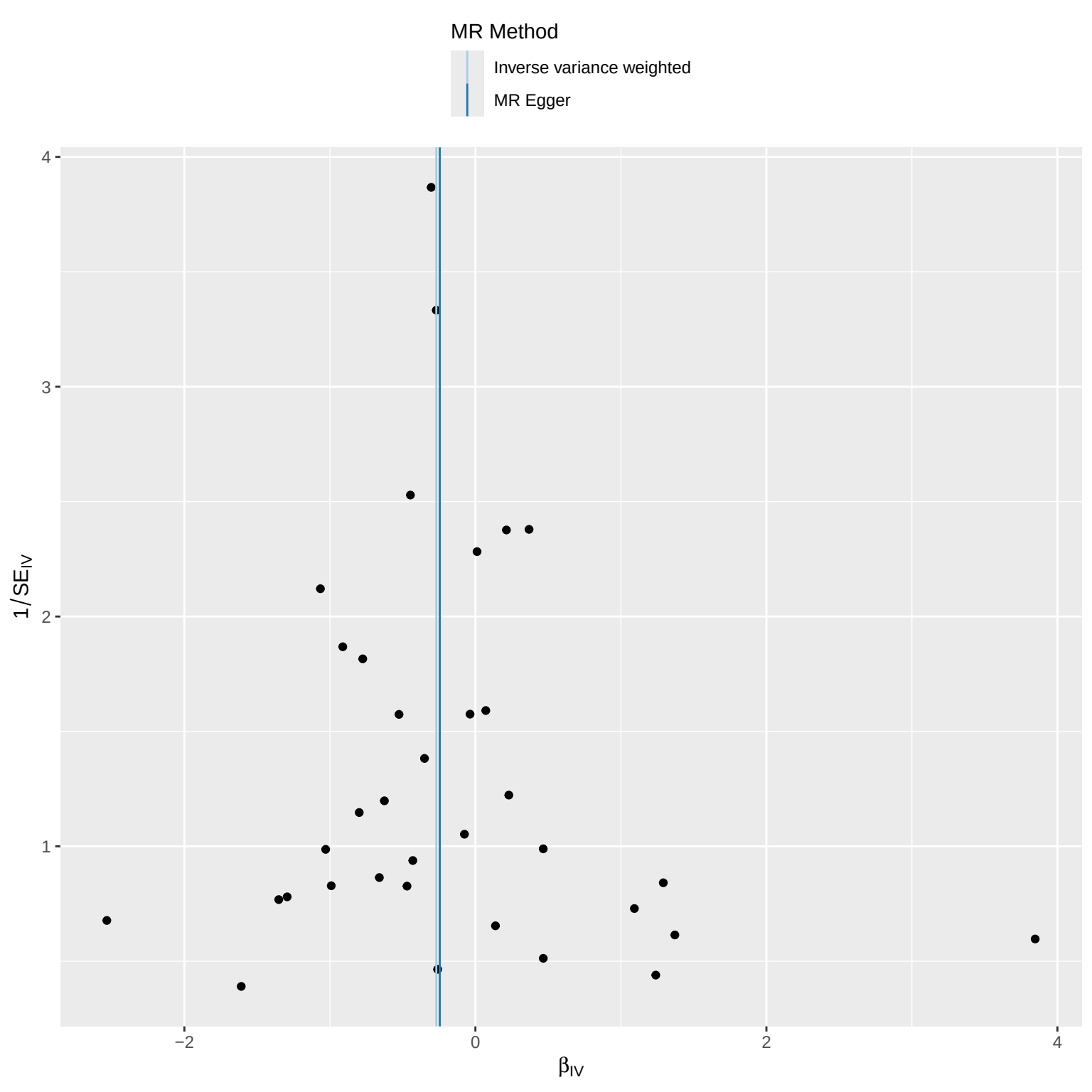

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

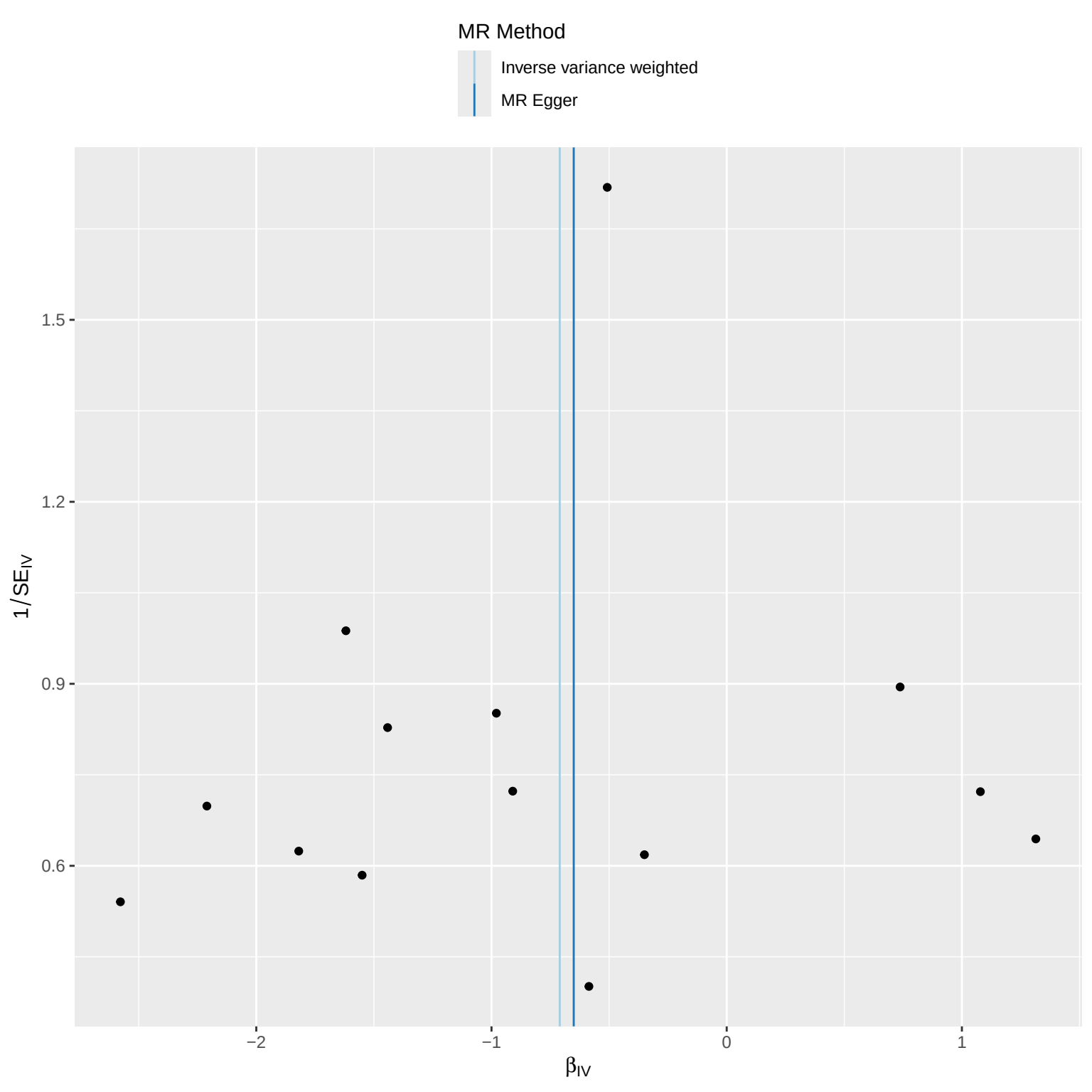

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

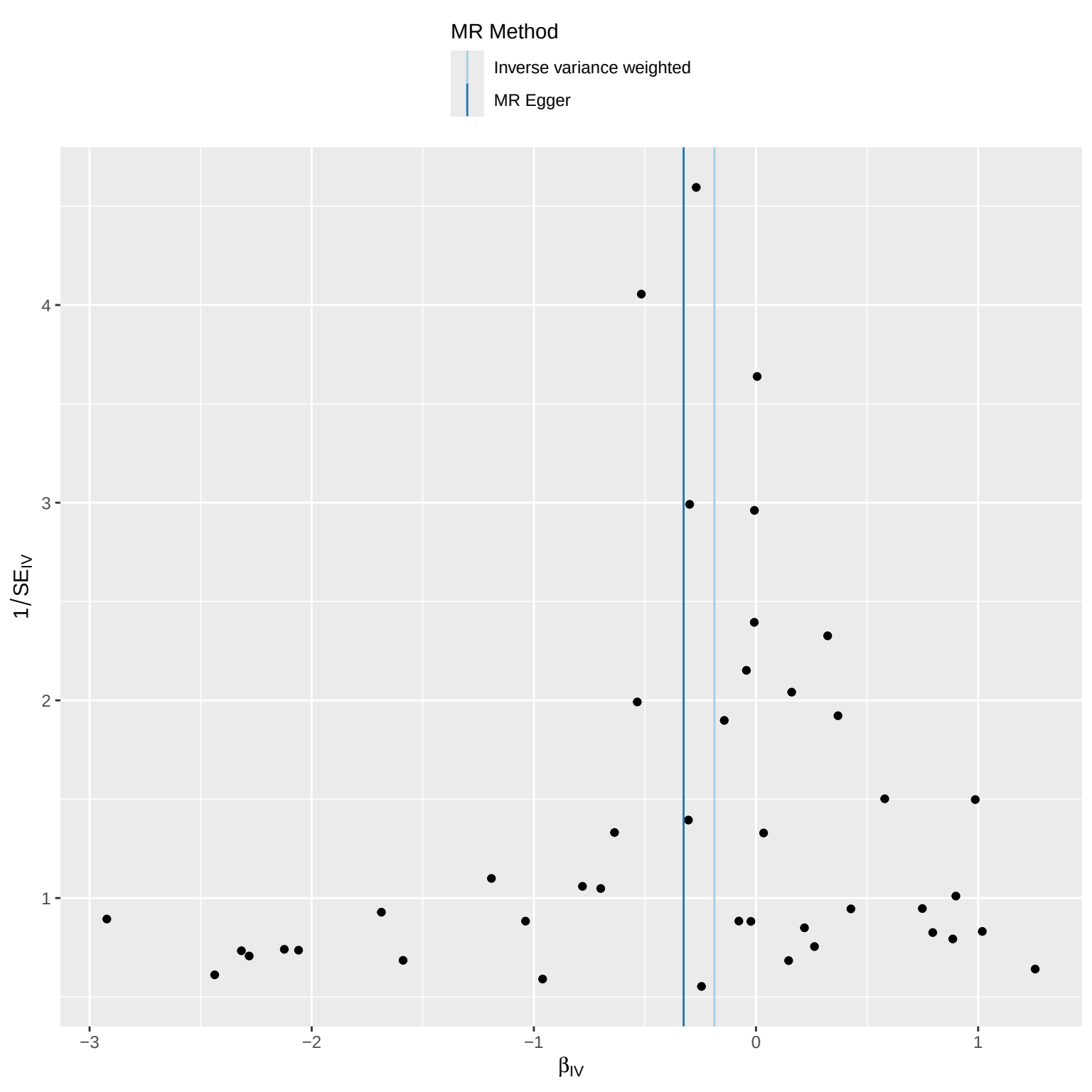

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−3
−2
−1
0
β_IV

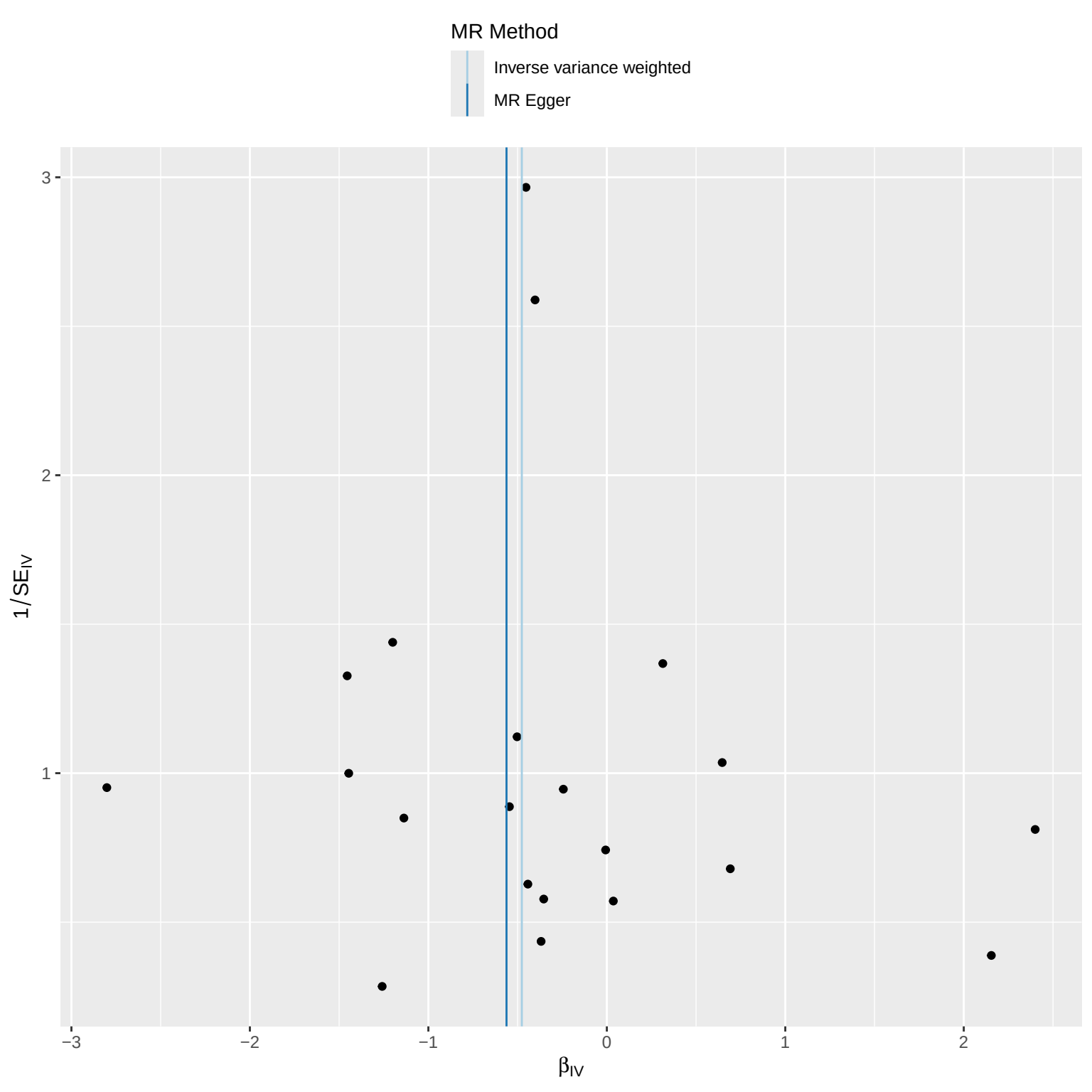

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

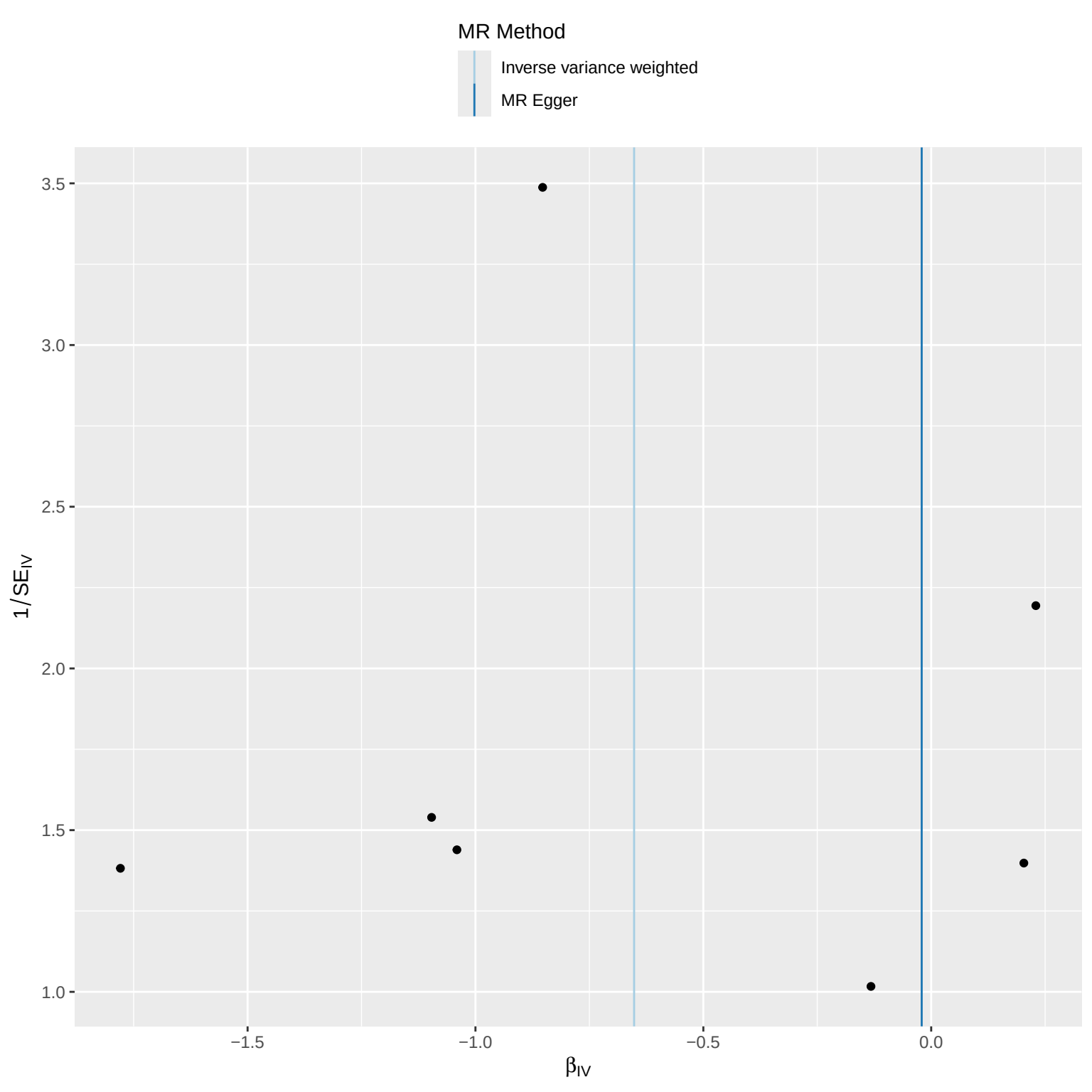

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
0.0
0.5
1.0
β_IV

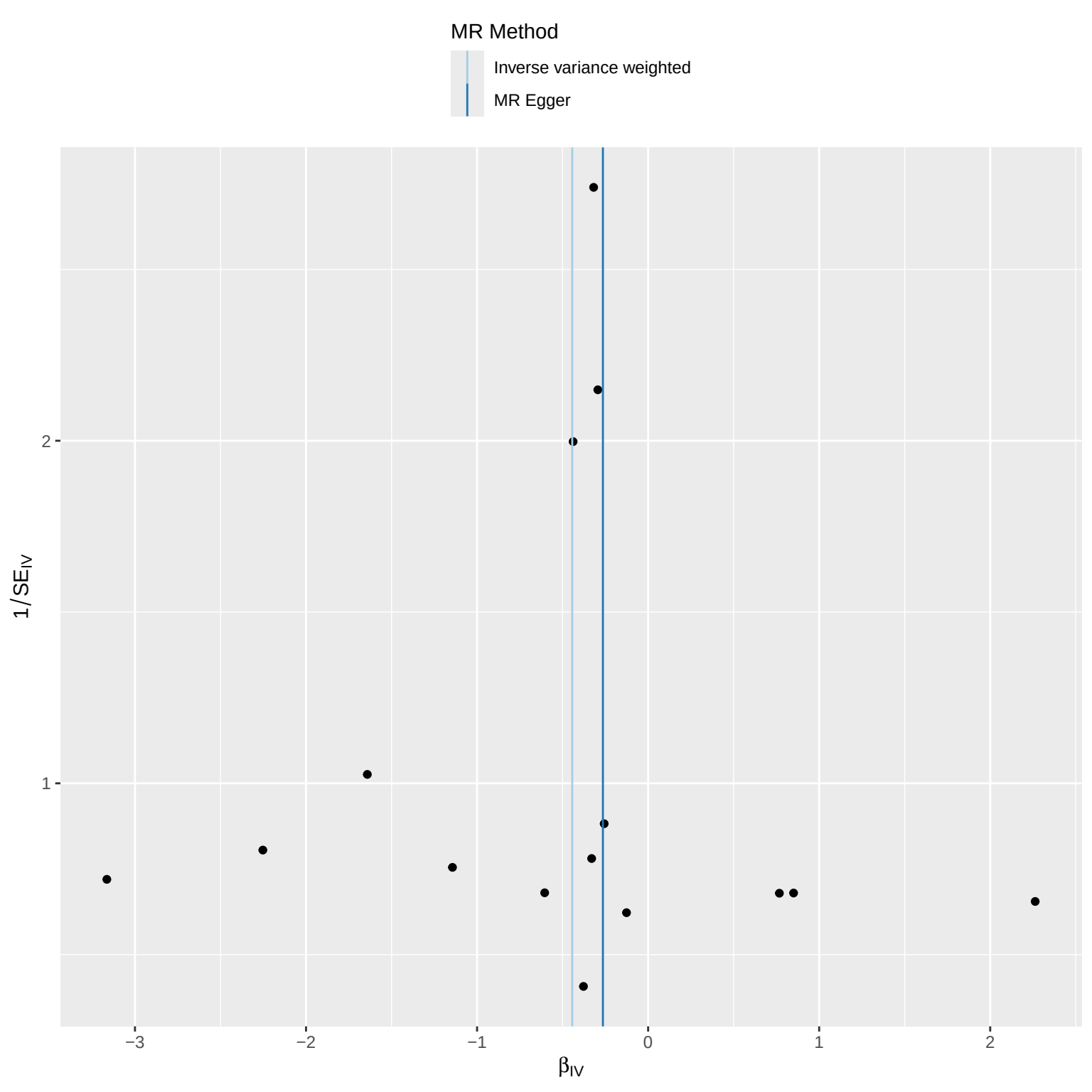

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

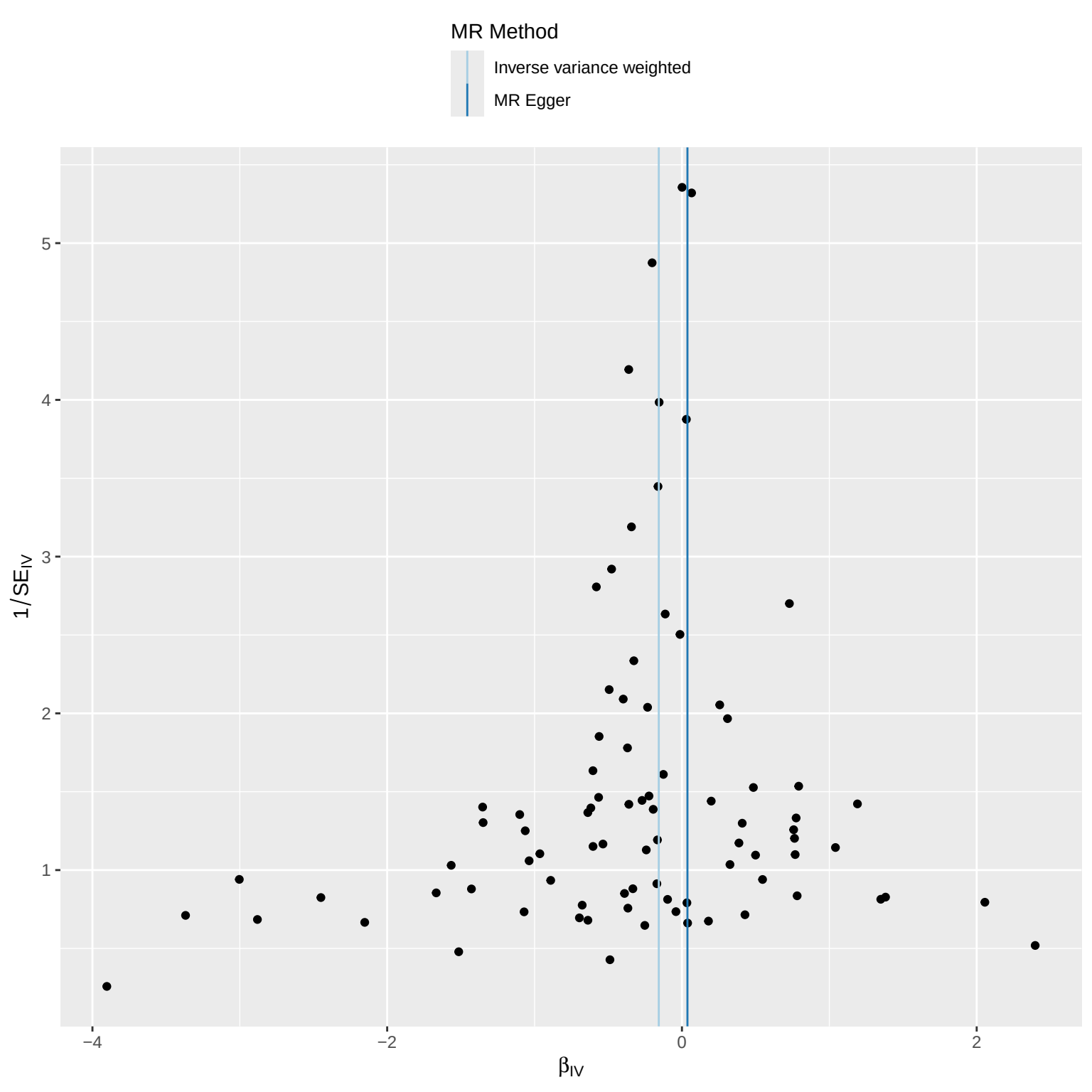

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
−1
0
1
β_IV

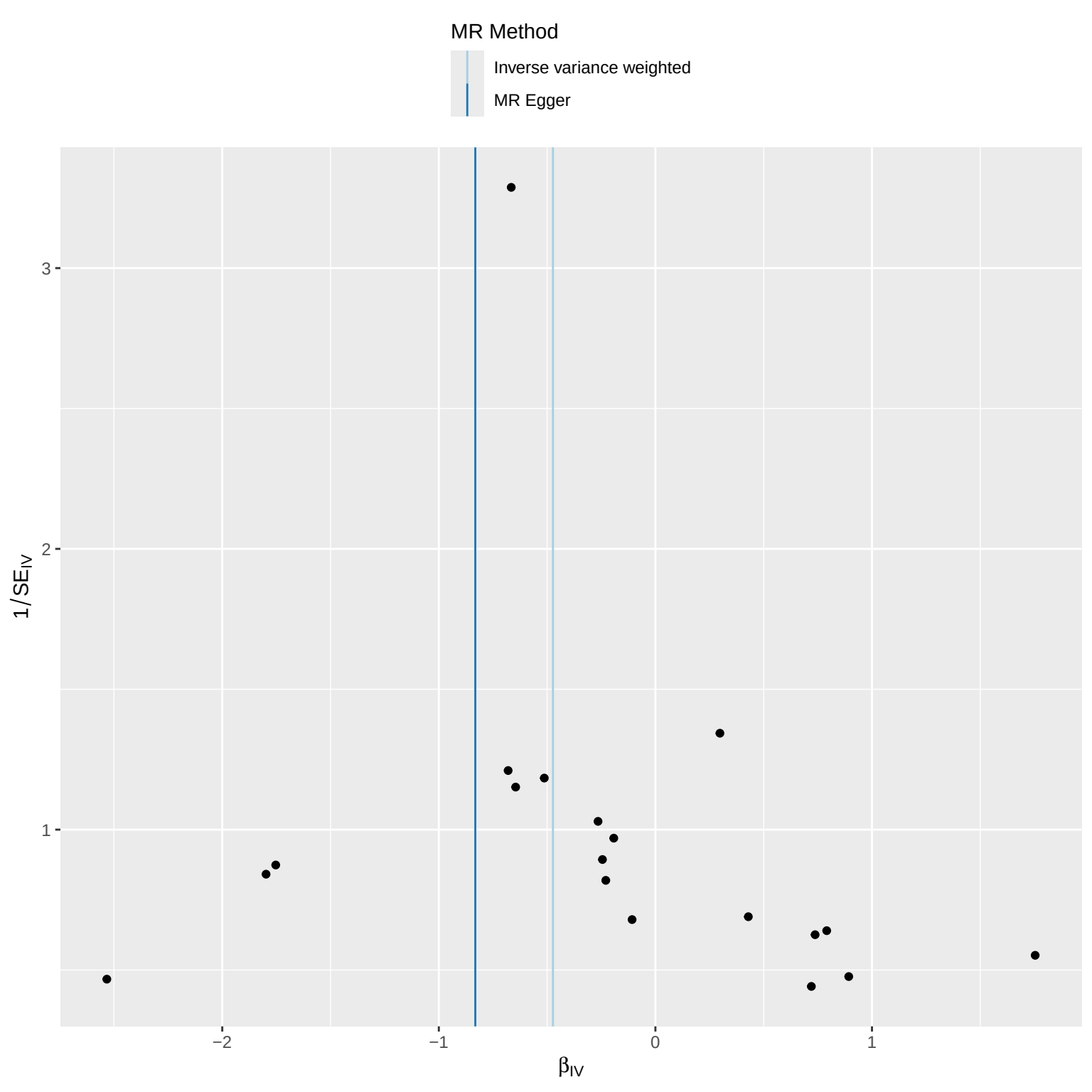

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

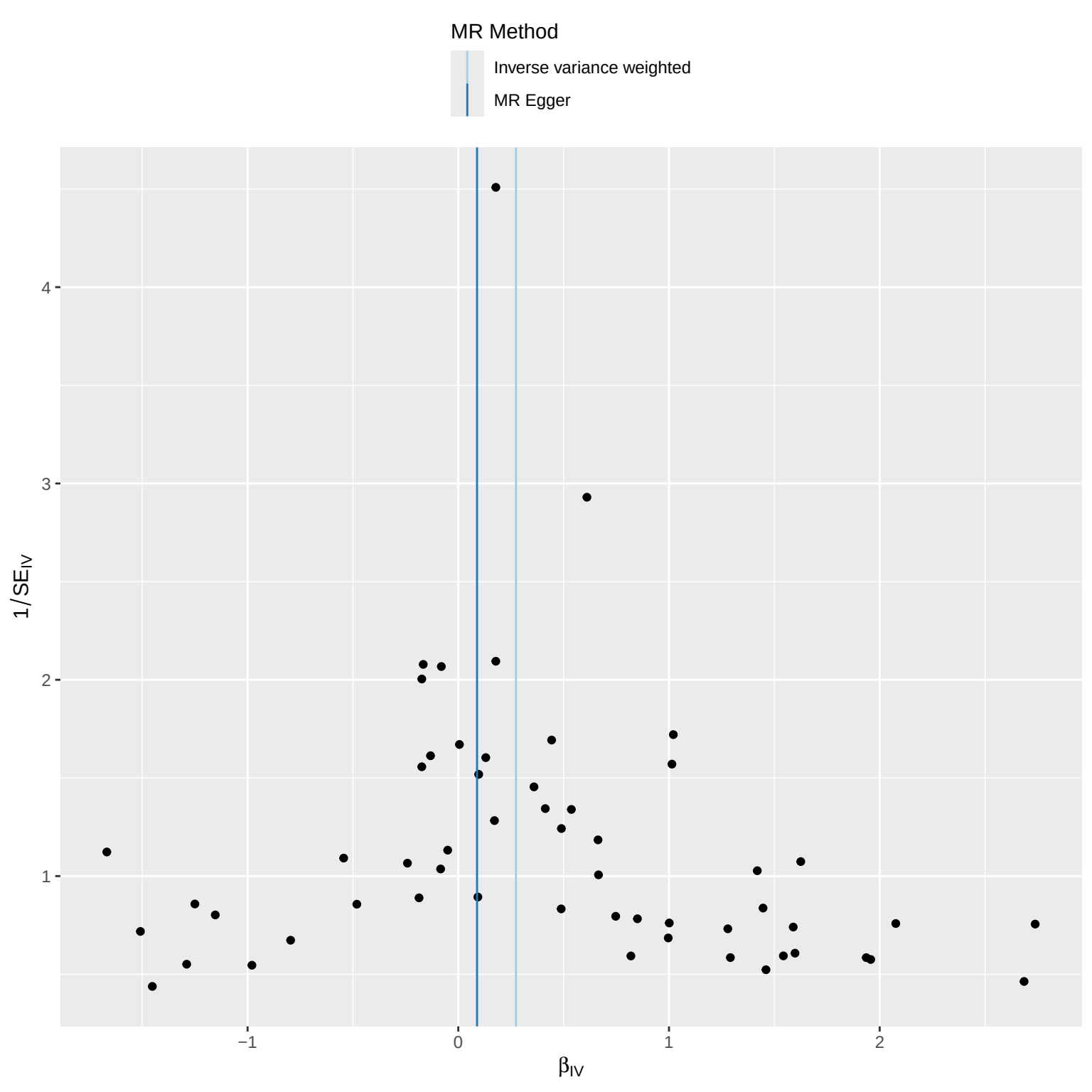

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

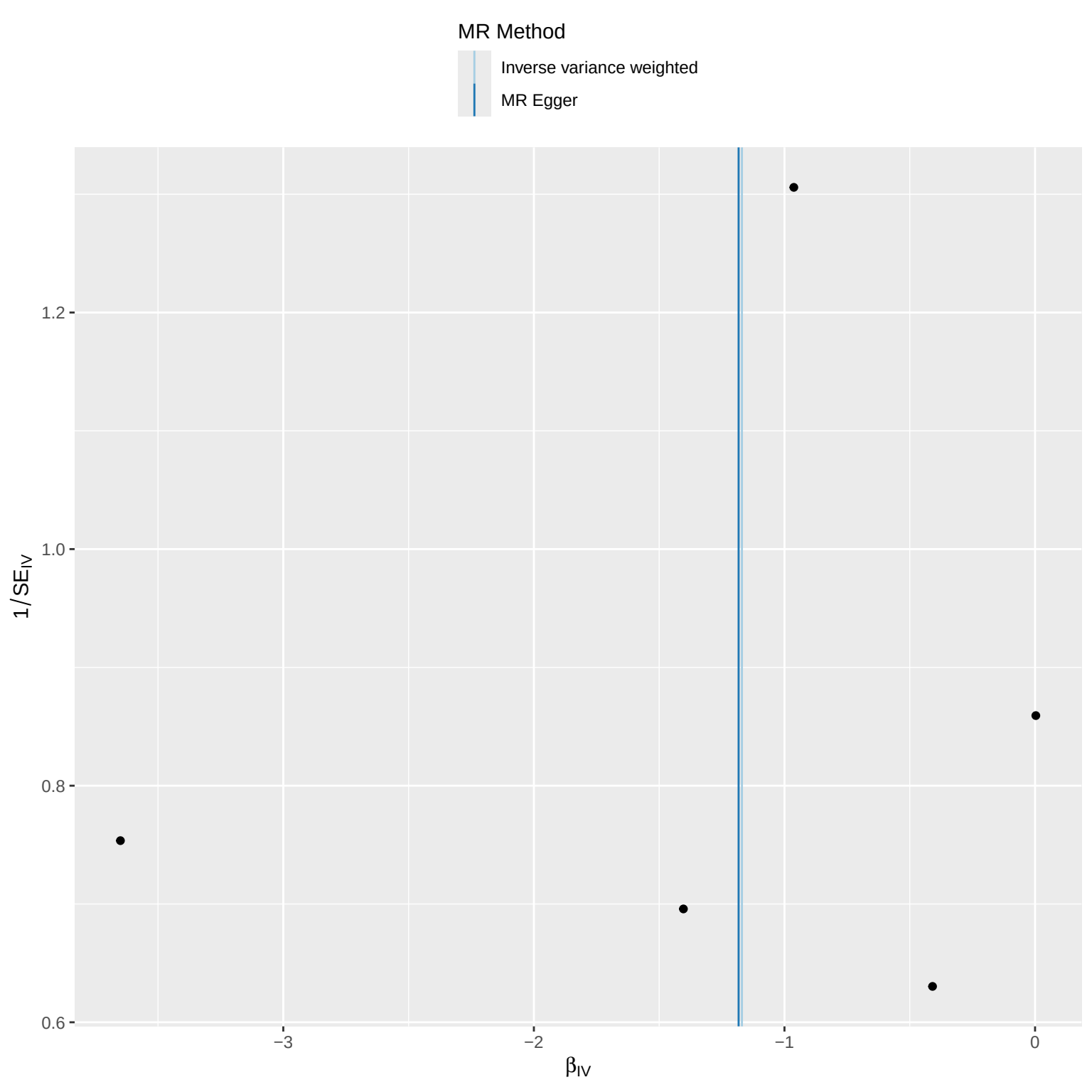

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

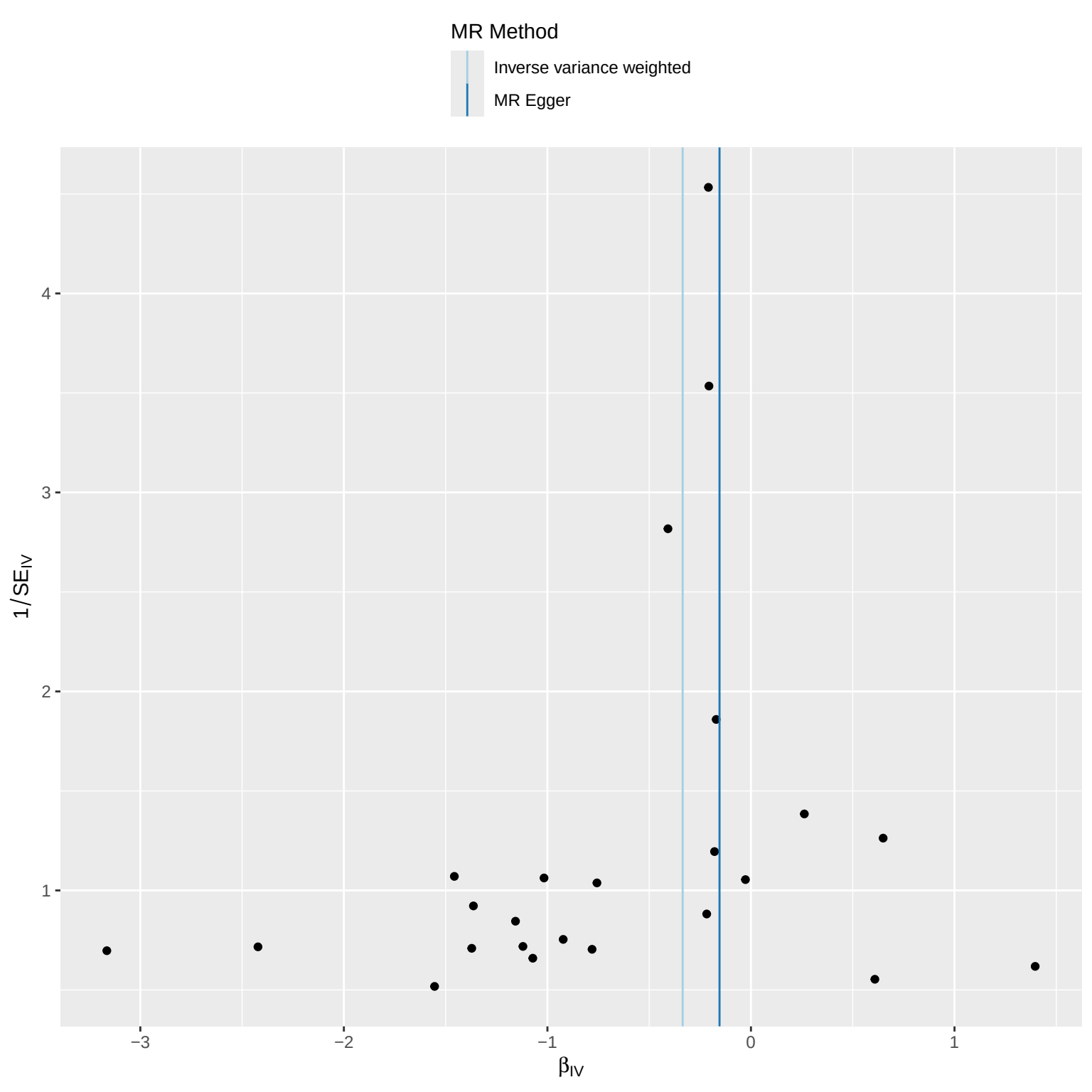

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

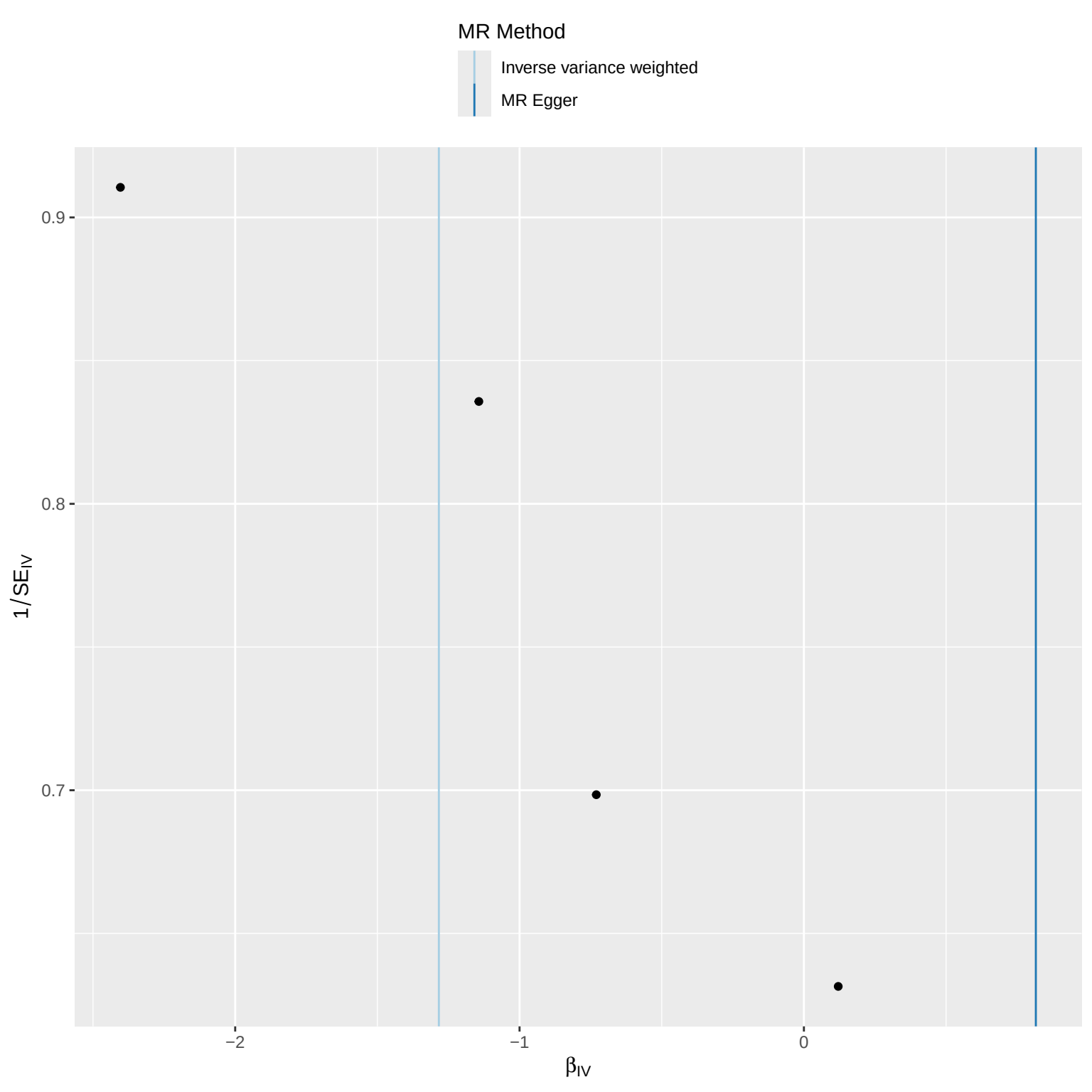

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

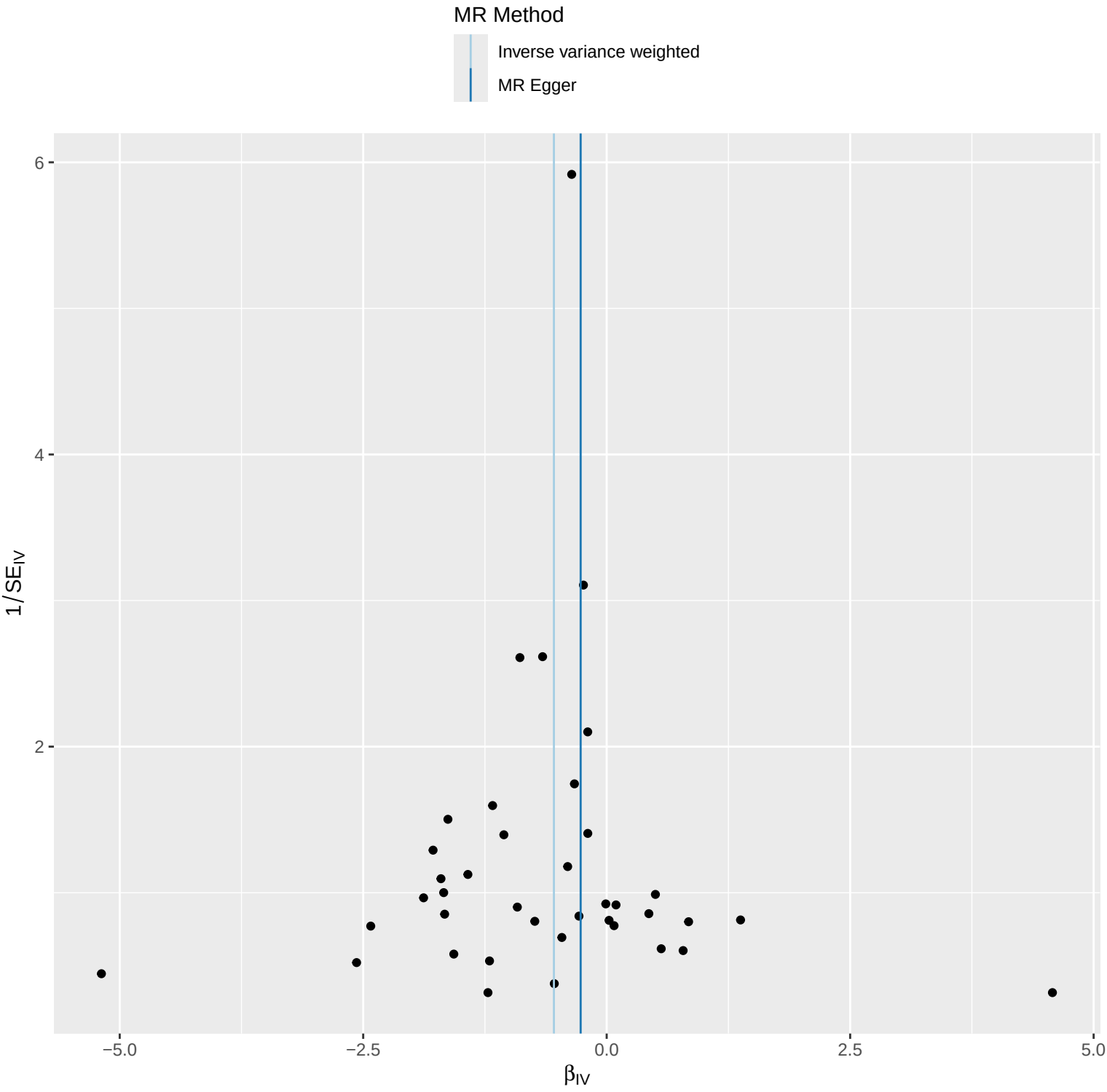

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
β_{IV}

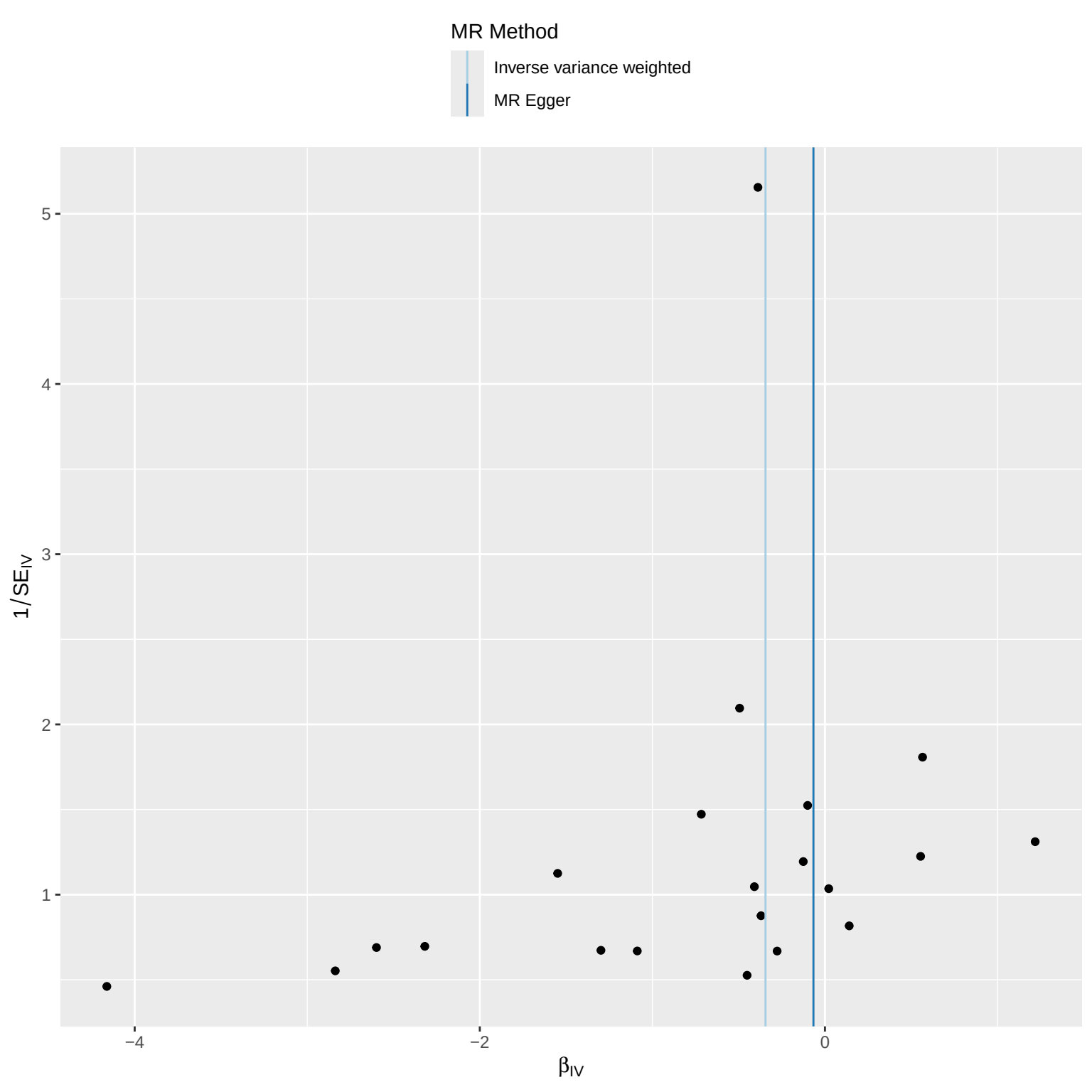

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

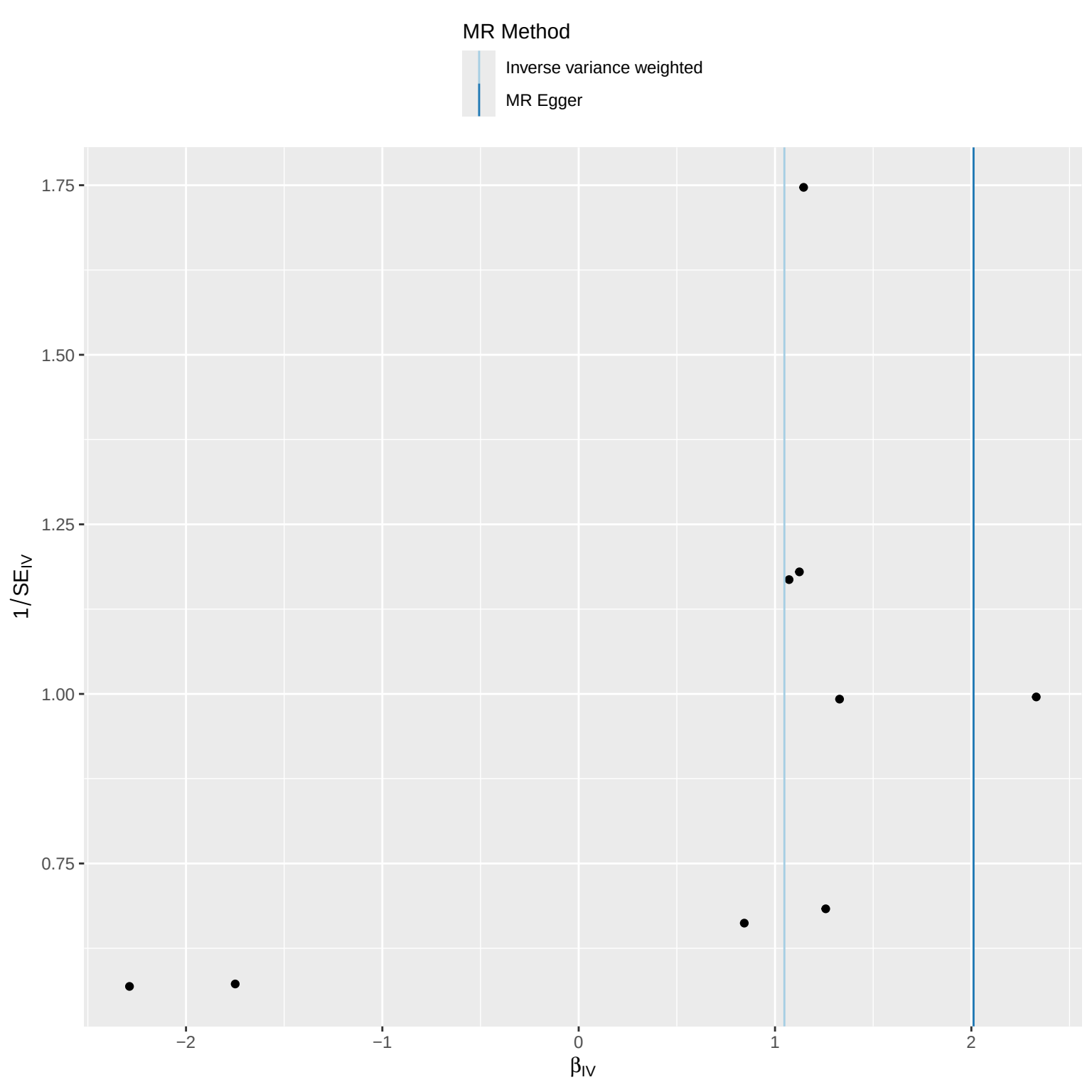

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
β_IV

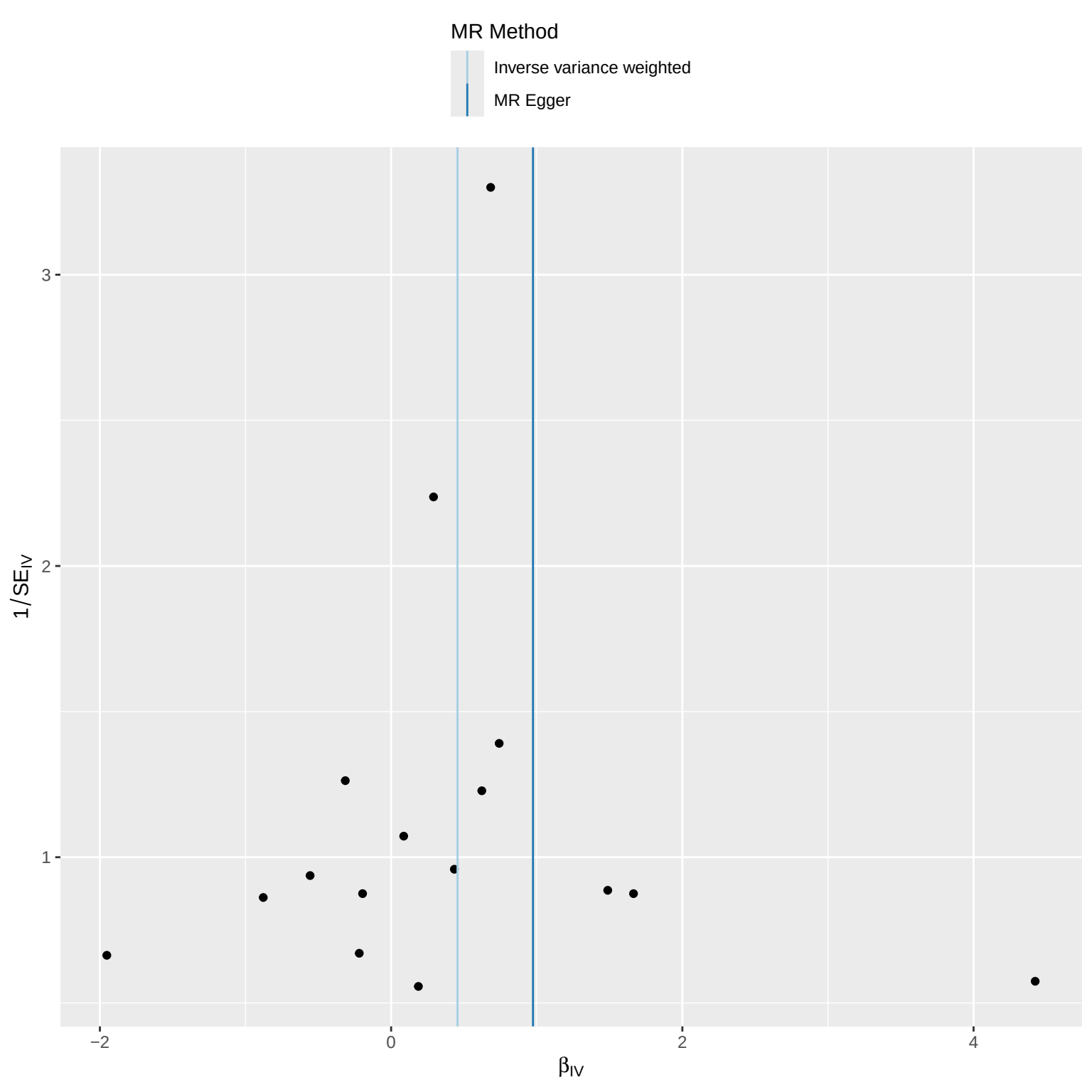

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

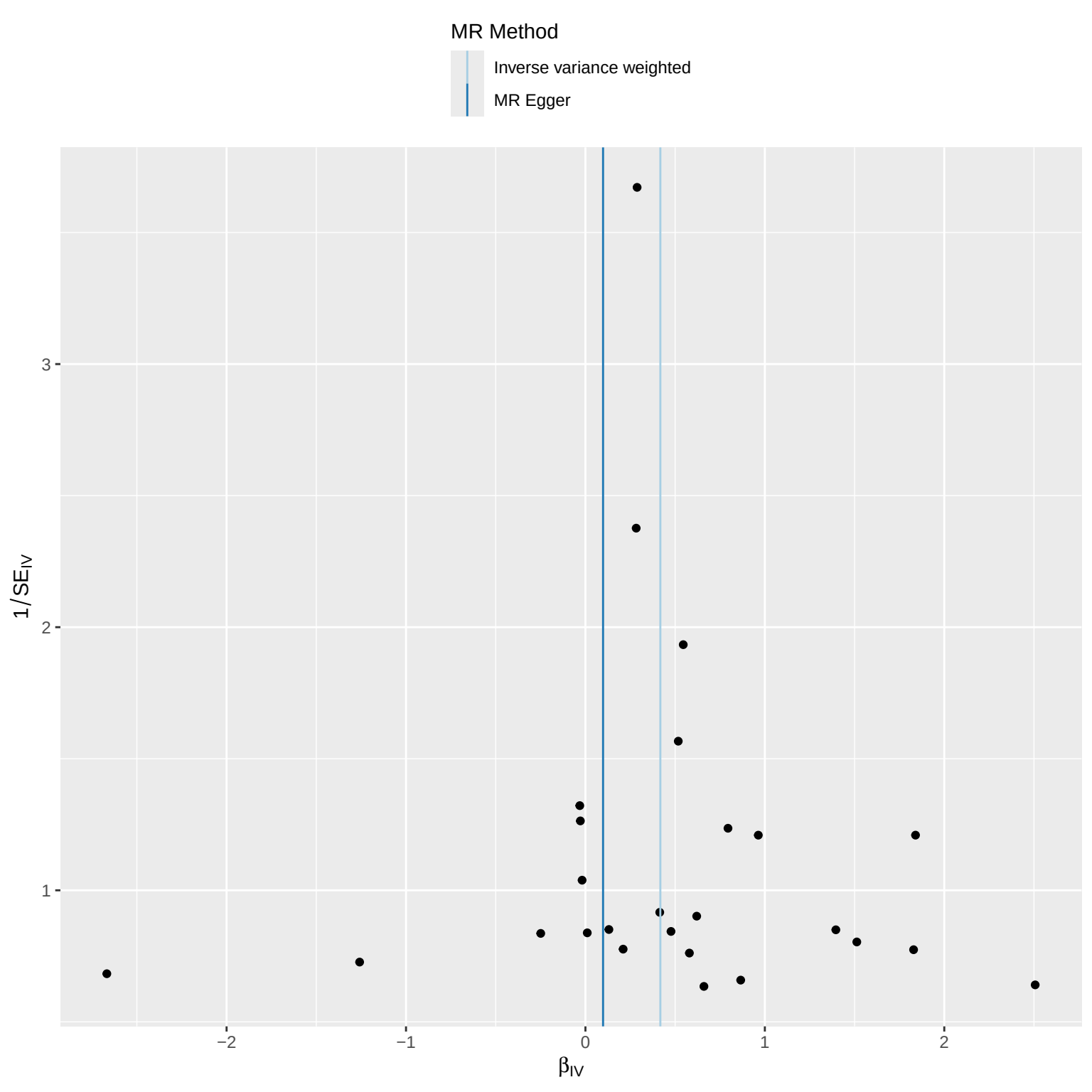

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
1/SE_IV
−2
−1
0
β_IV

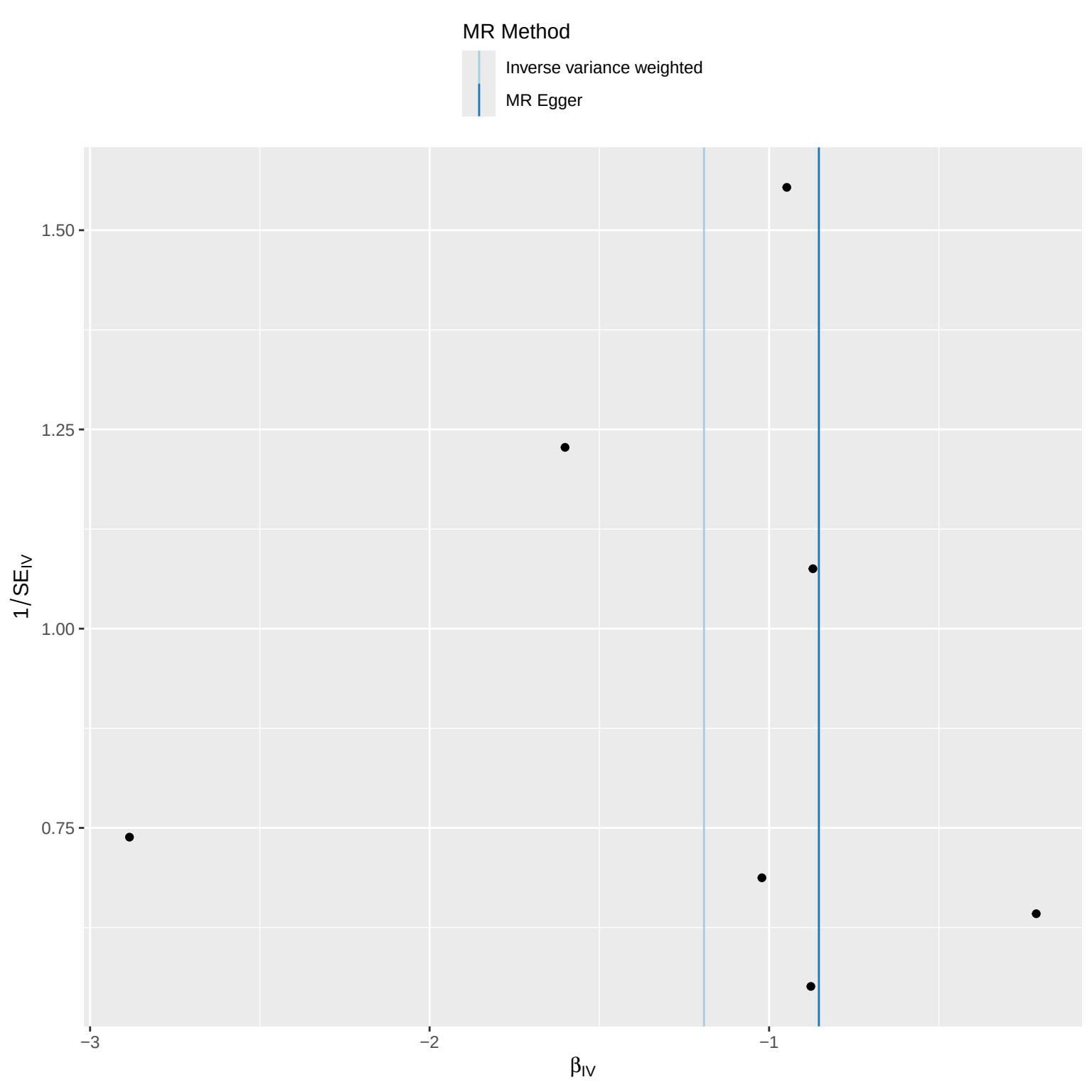

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−5.0
−2.5
0.0
2.5
5.0
β_IV

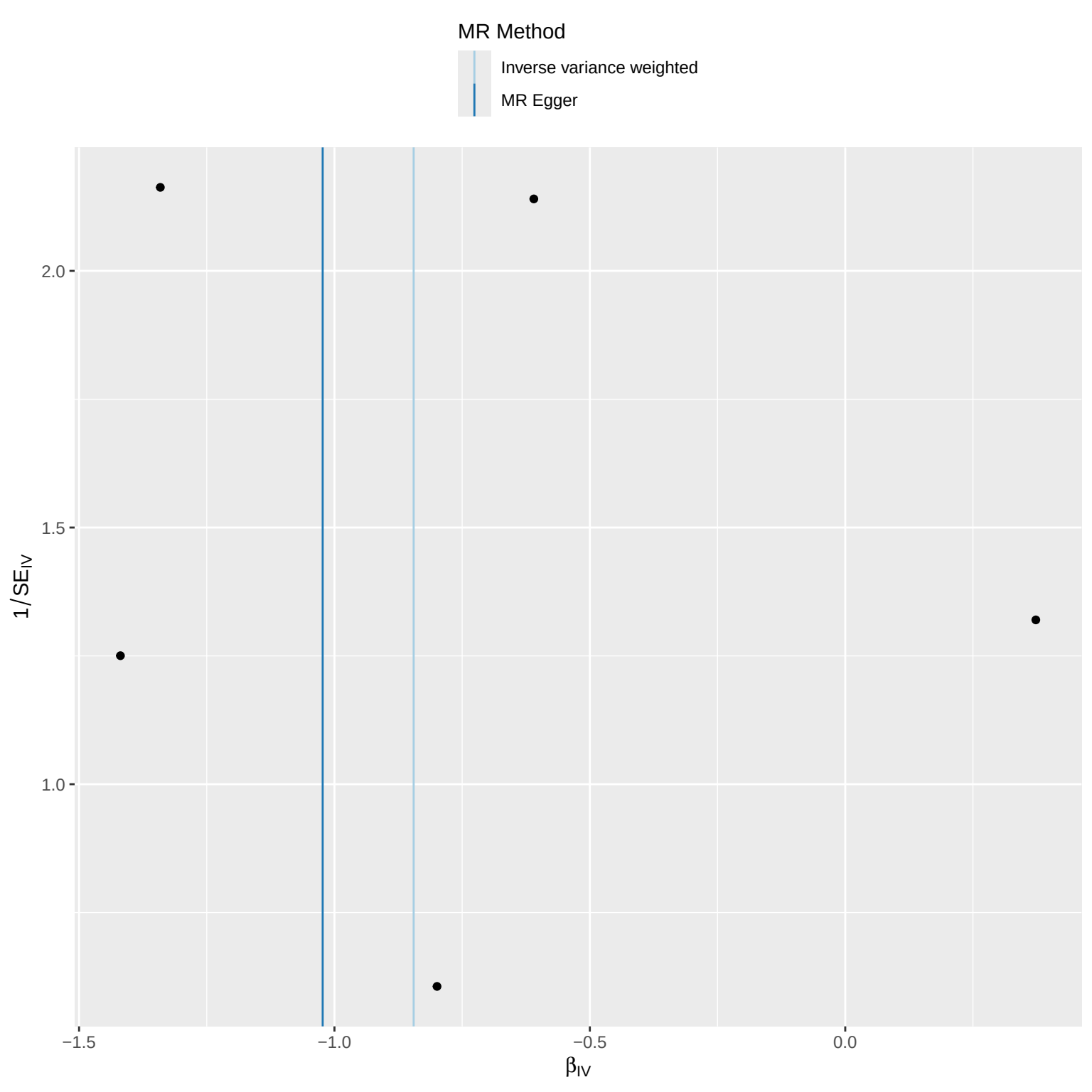

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
β_IV

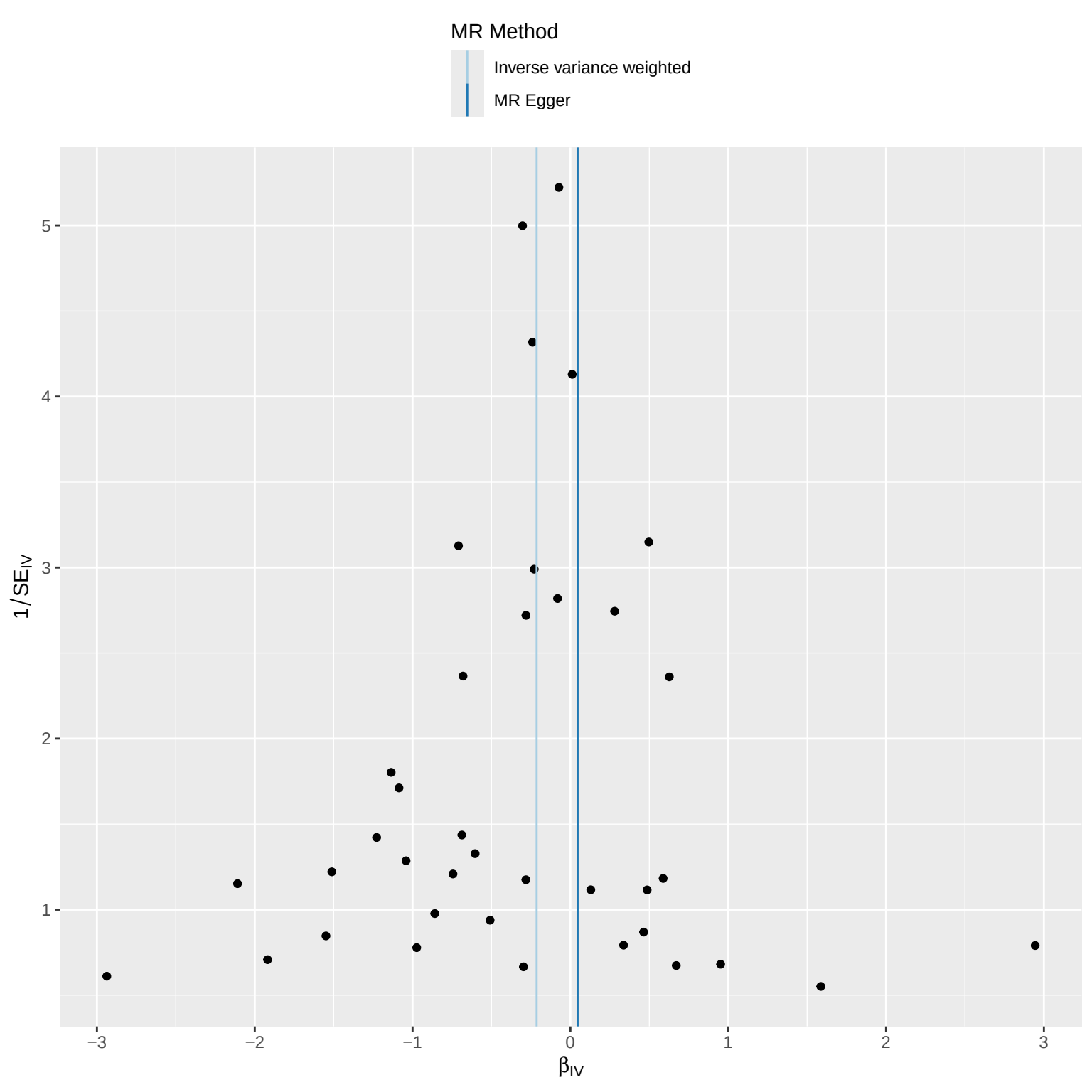

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
1
2
β_IV

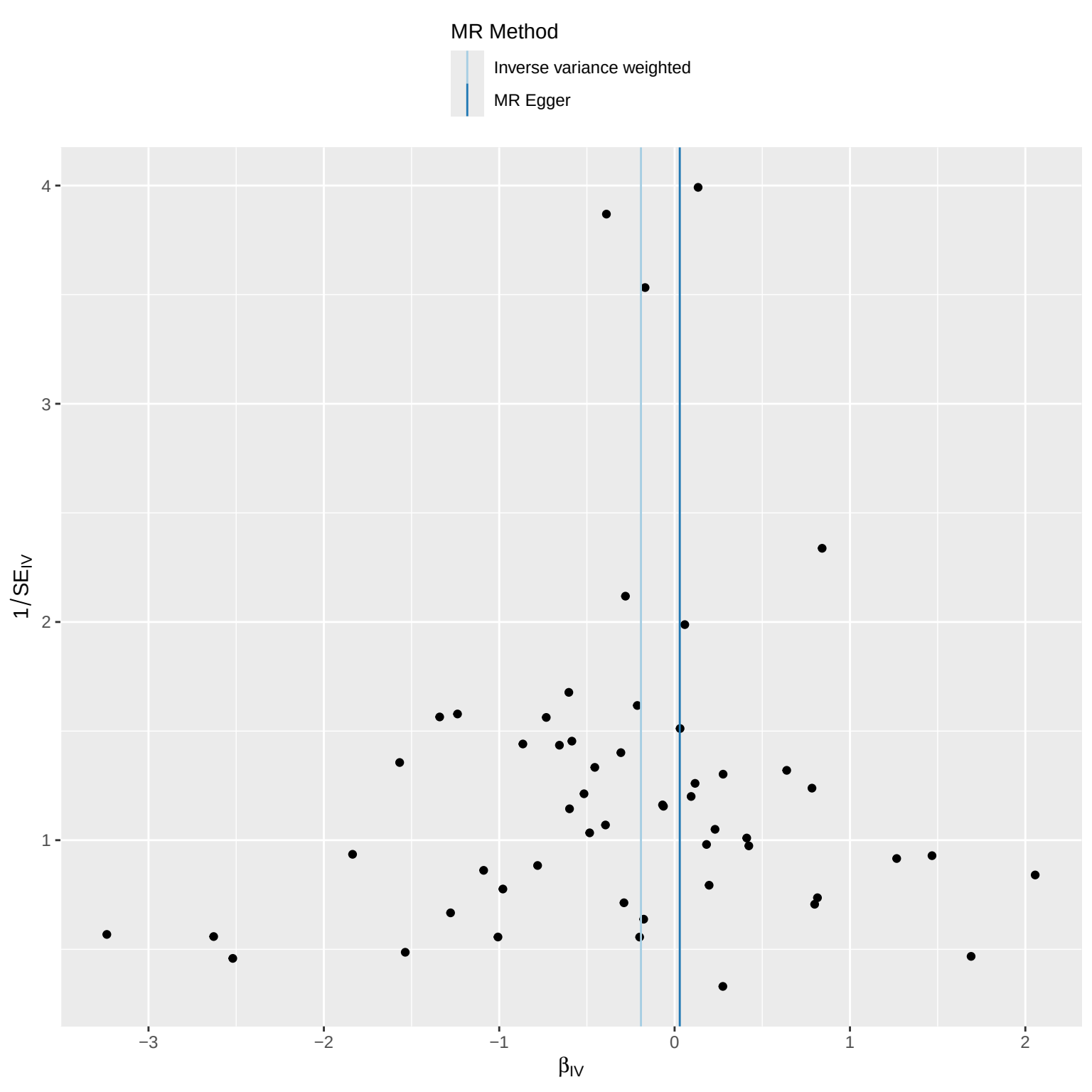

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

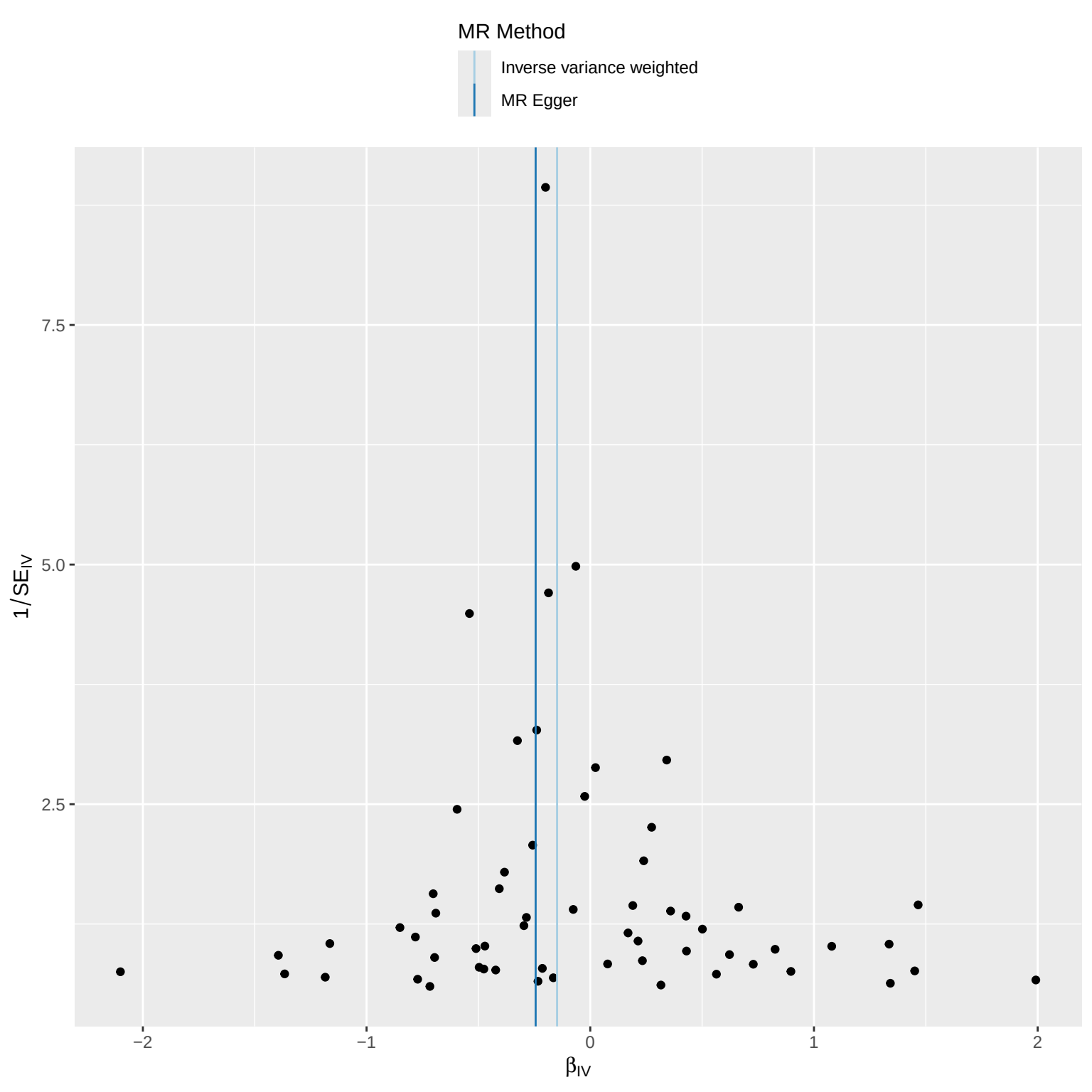

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

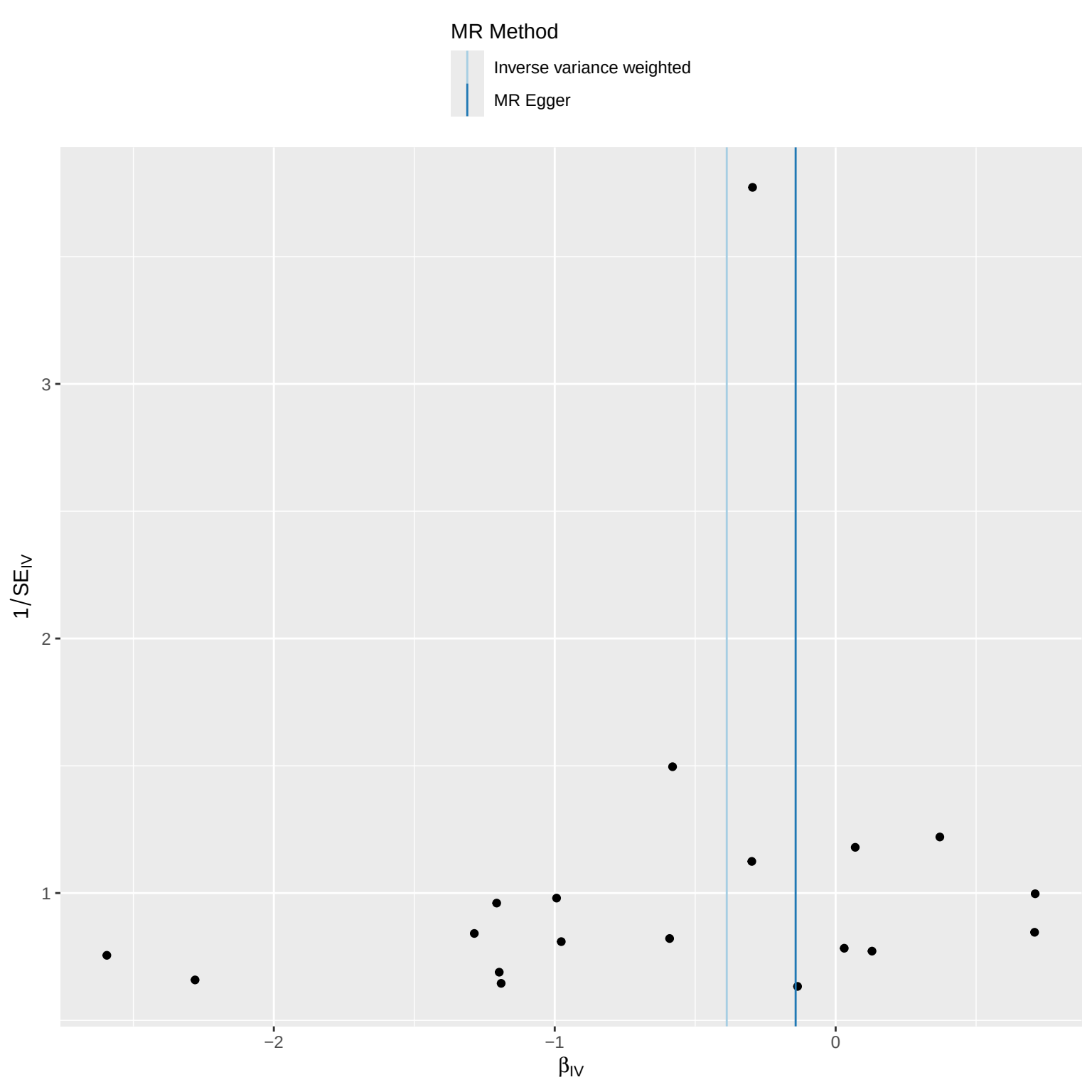

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−3
−2
−1
β_IV

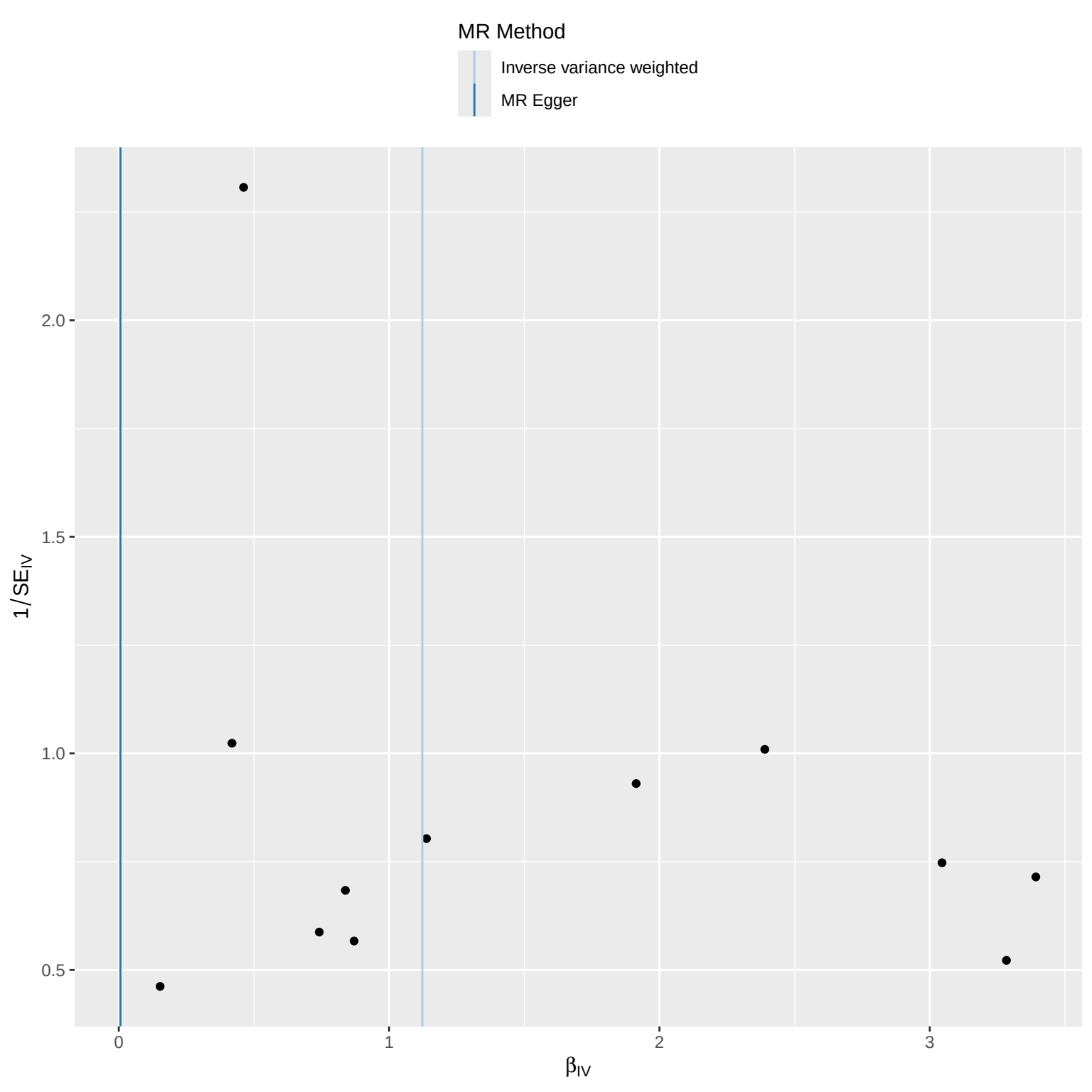

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

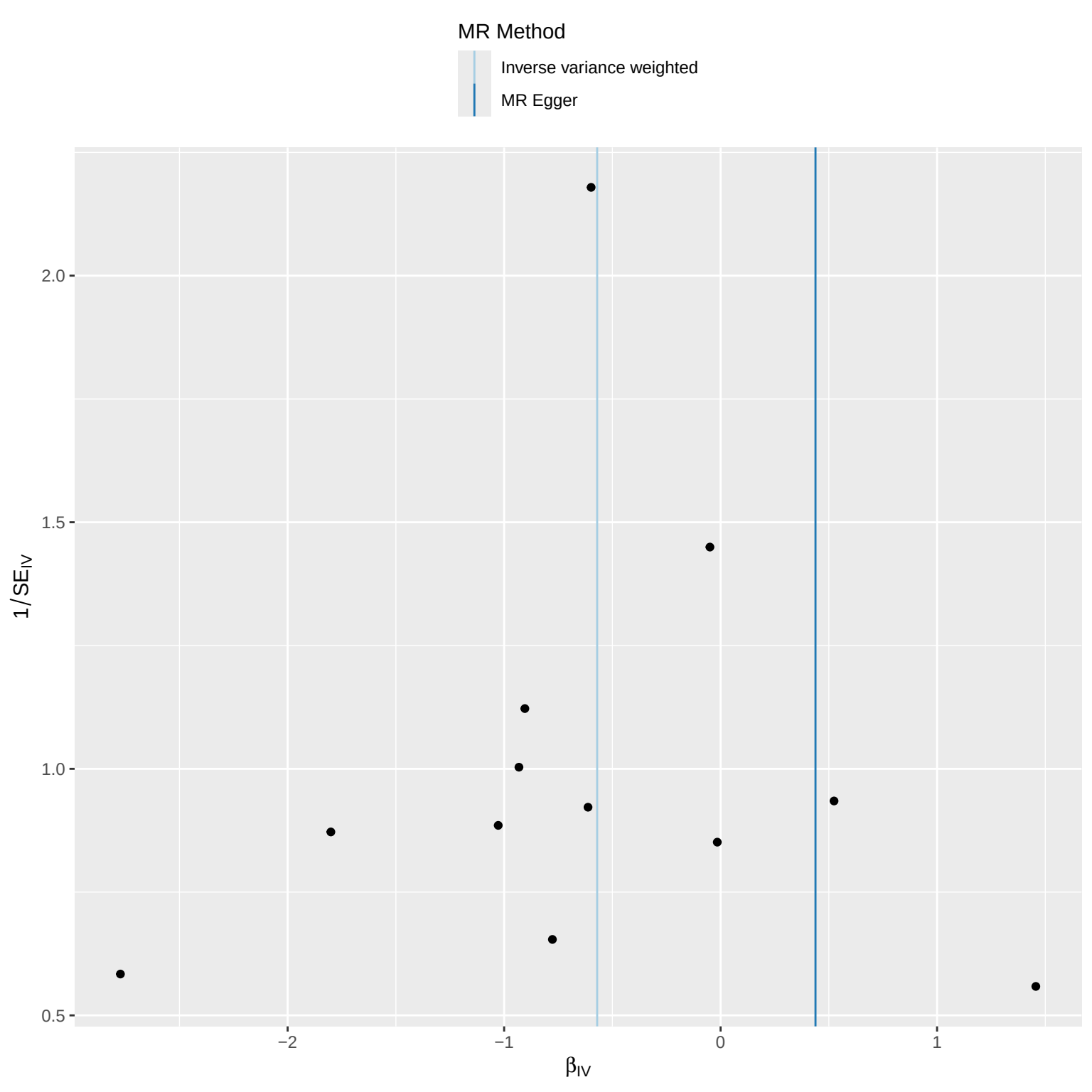

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−3
−2
−1
0
1
2
3

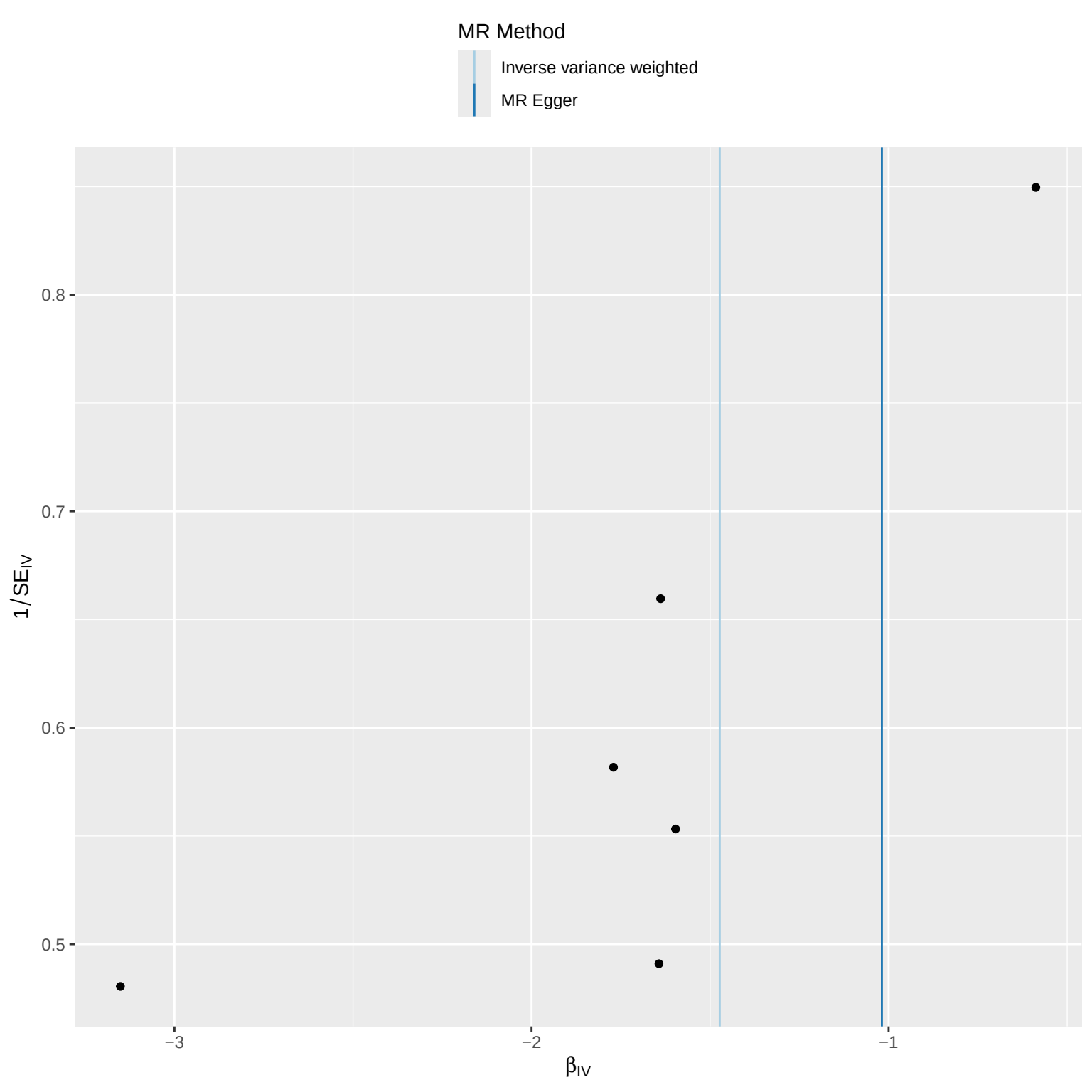

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

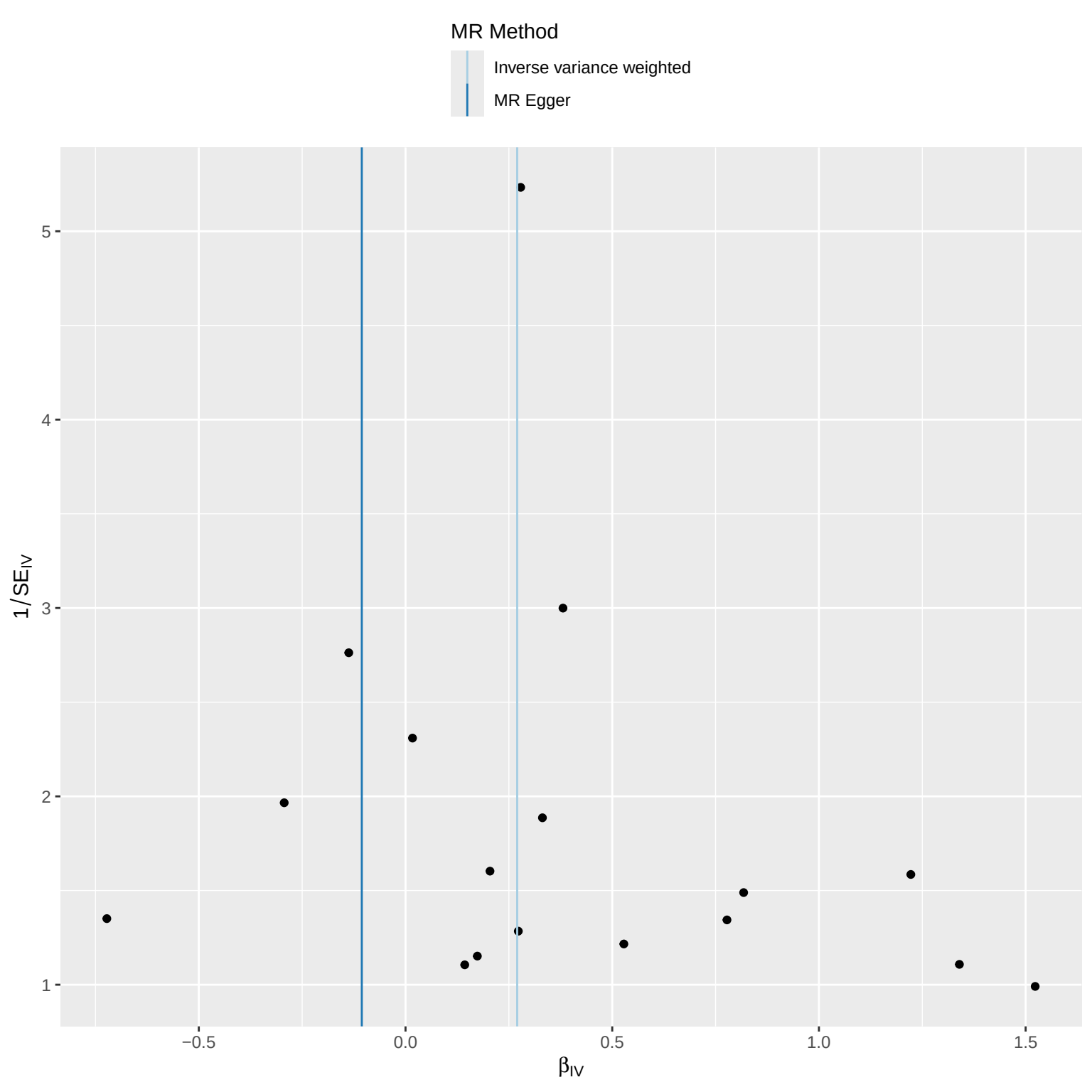

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
2
β_IV

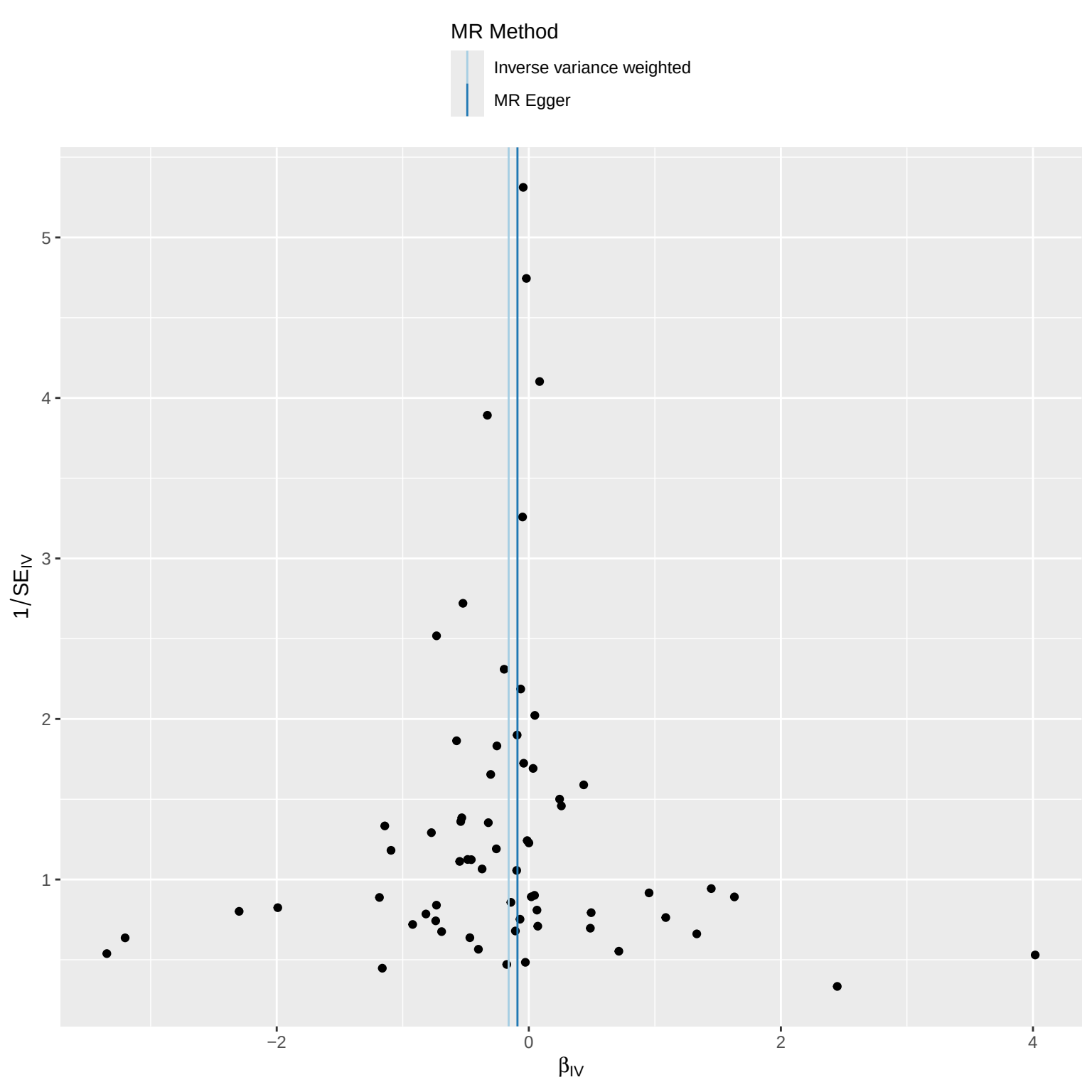

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

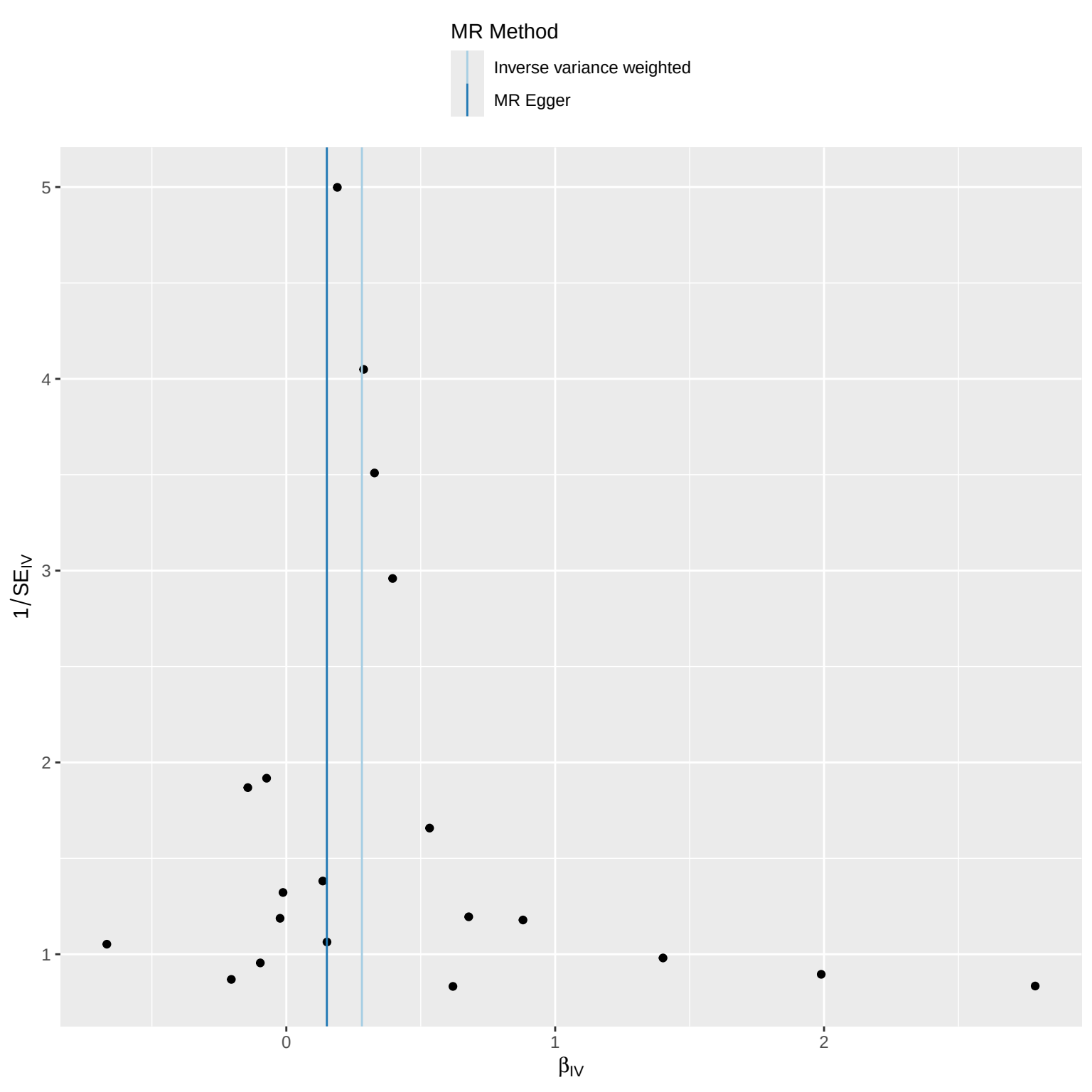

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

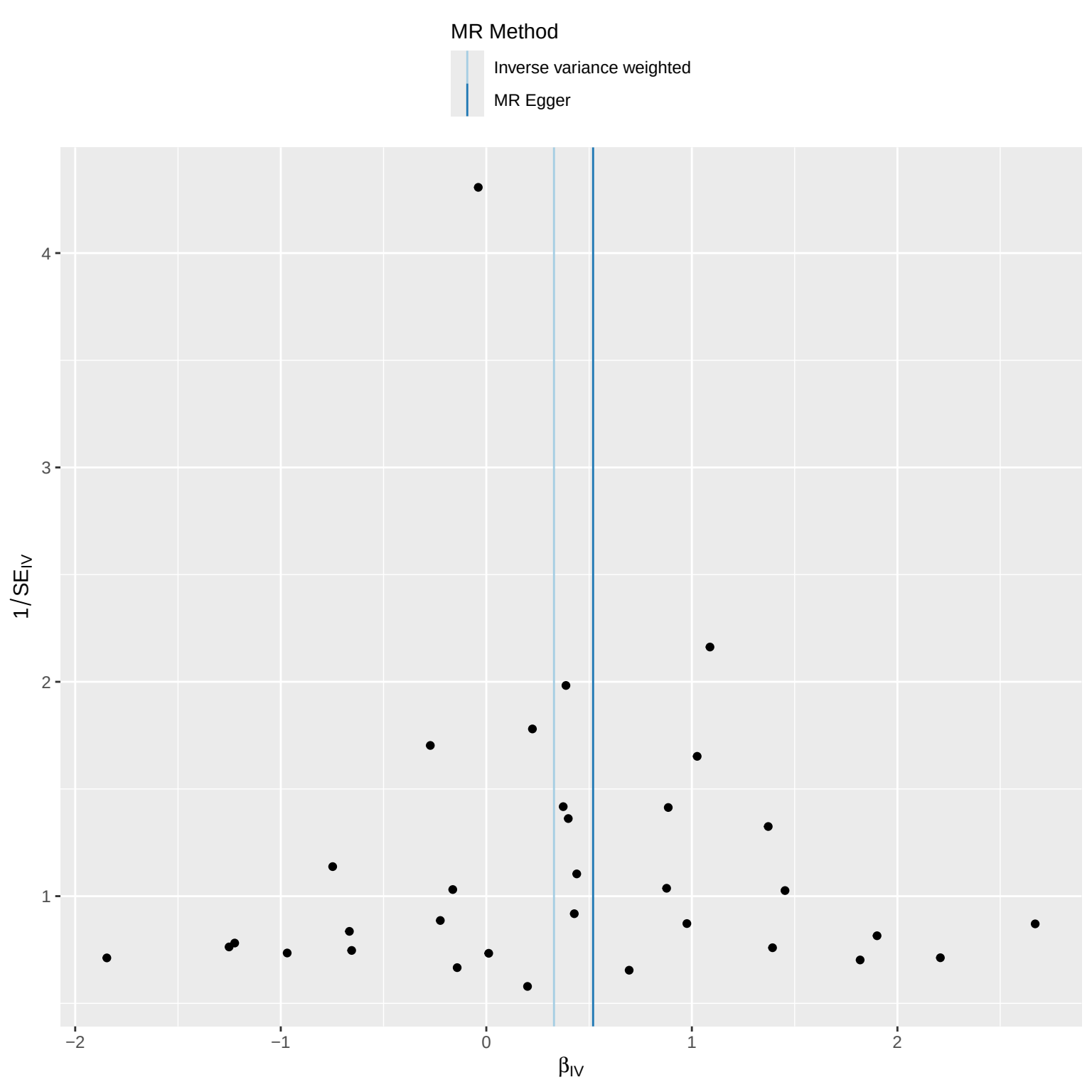

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

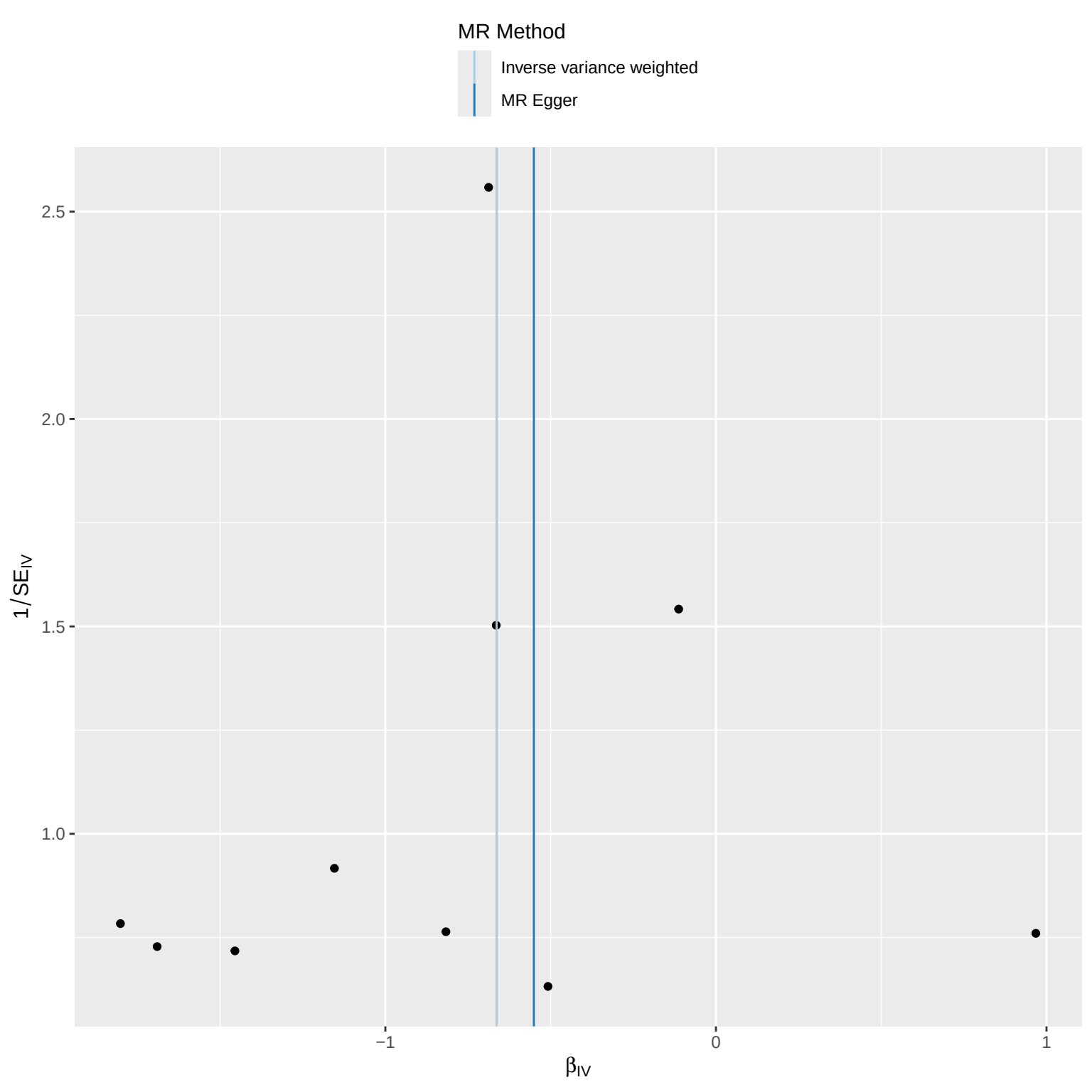

MR Method
Inverse variance weighted
MR Egger
0.8
0.7
0.6
0.5
1/SE_IV
−3
−2
−1
β_IV

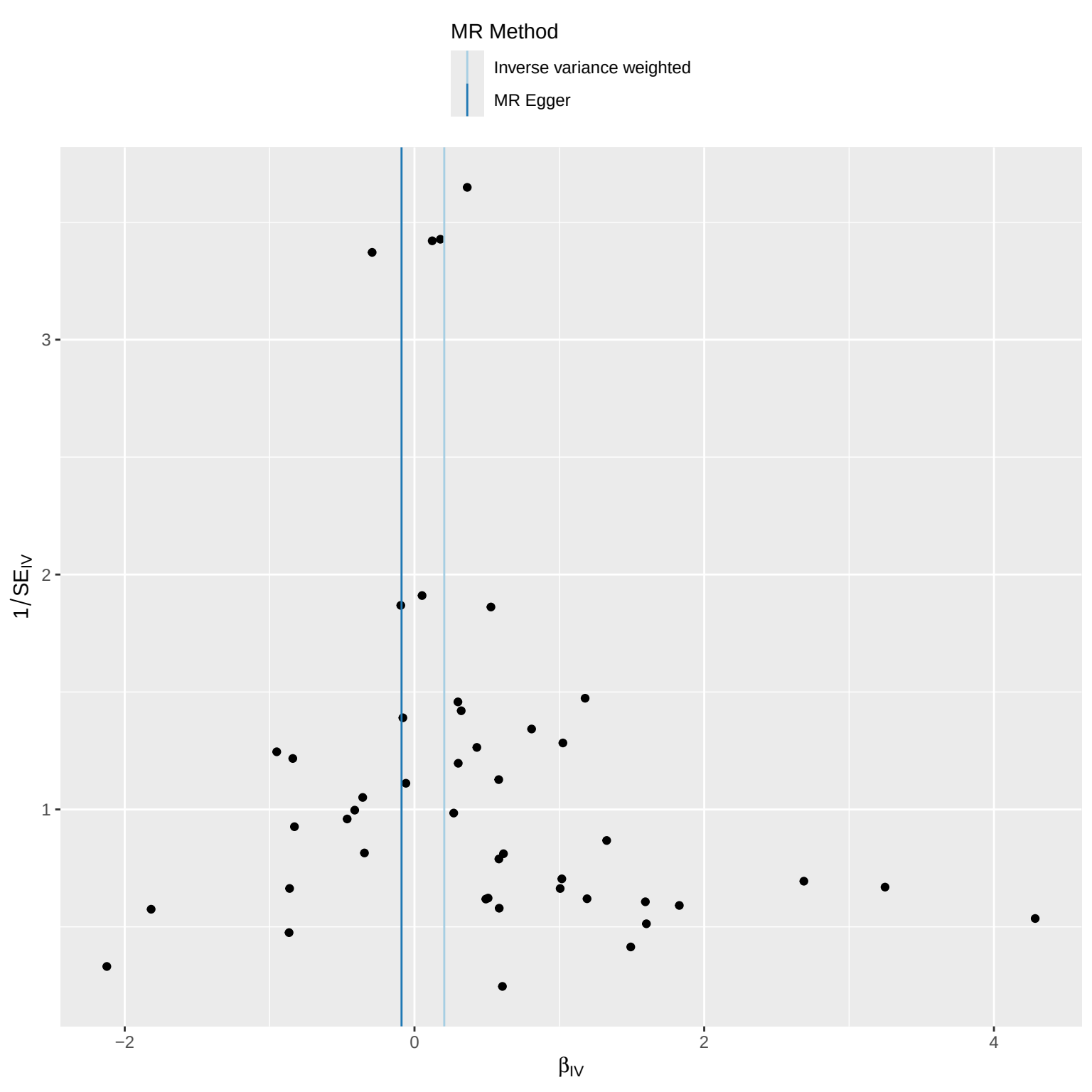

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

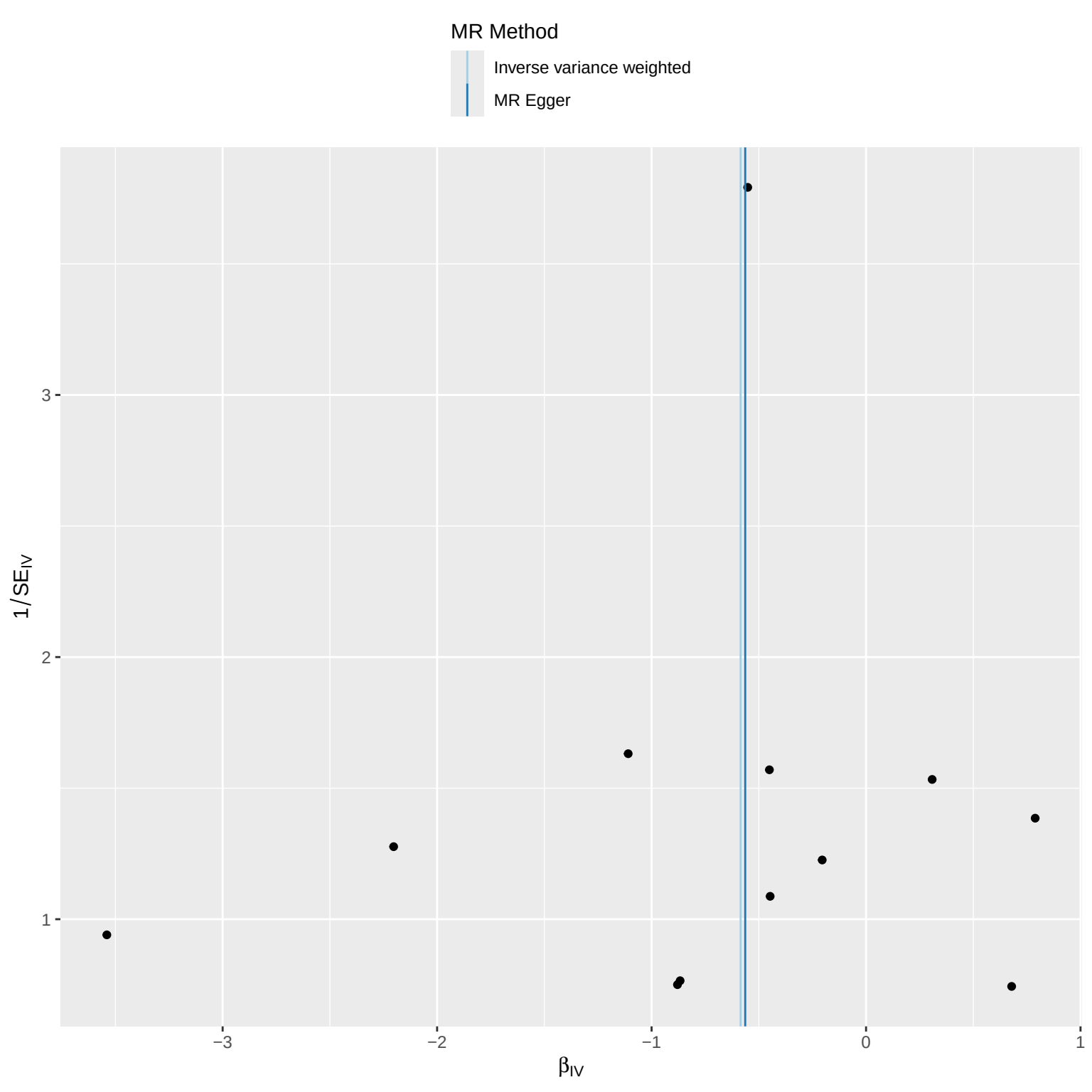

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

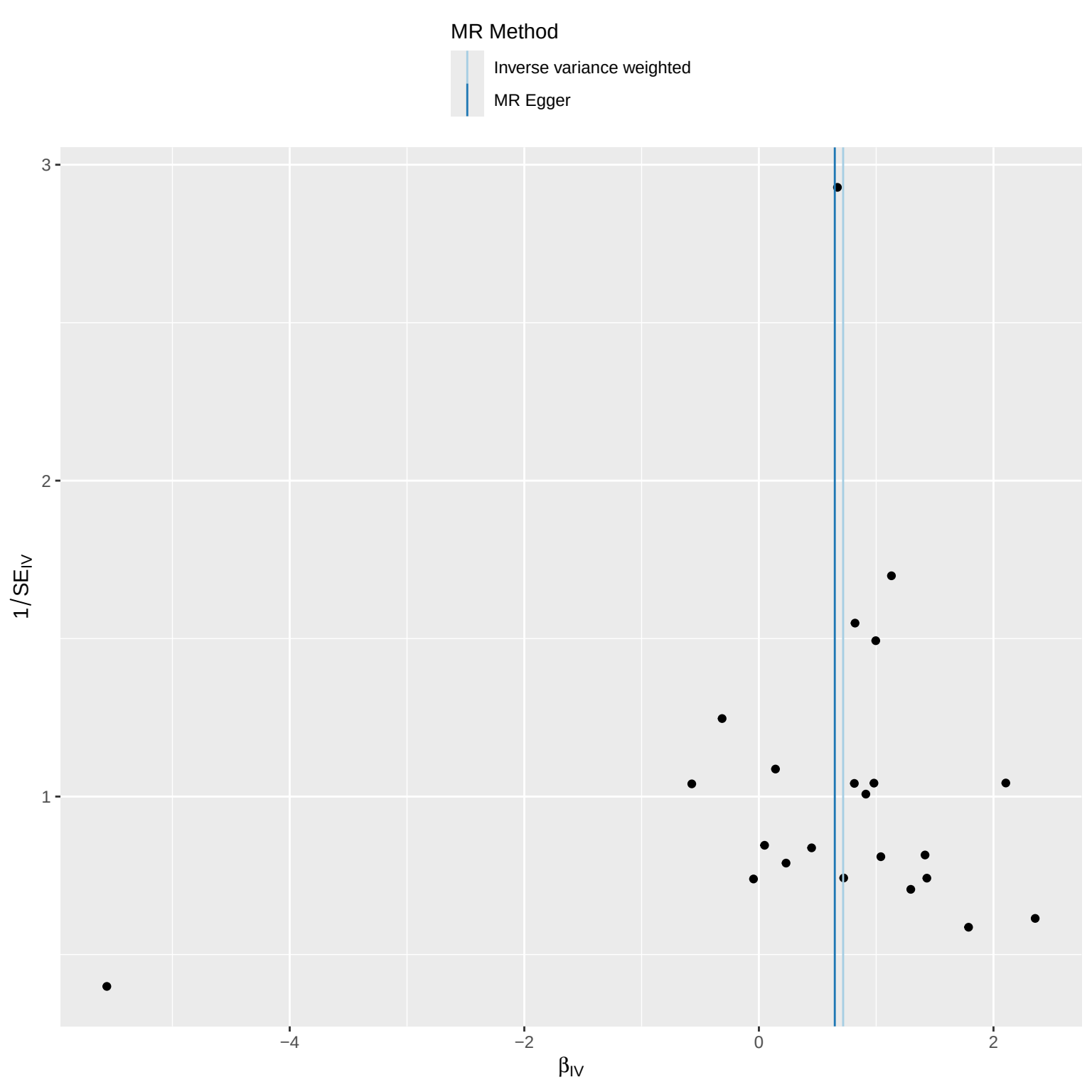

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0
1
2
β_IV

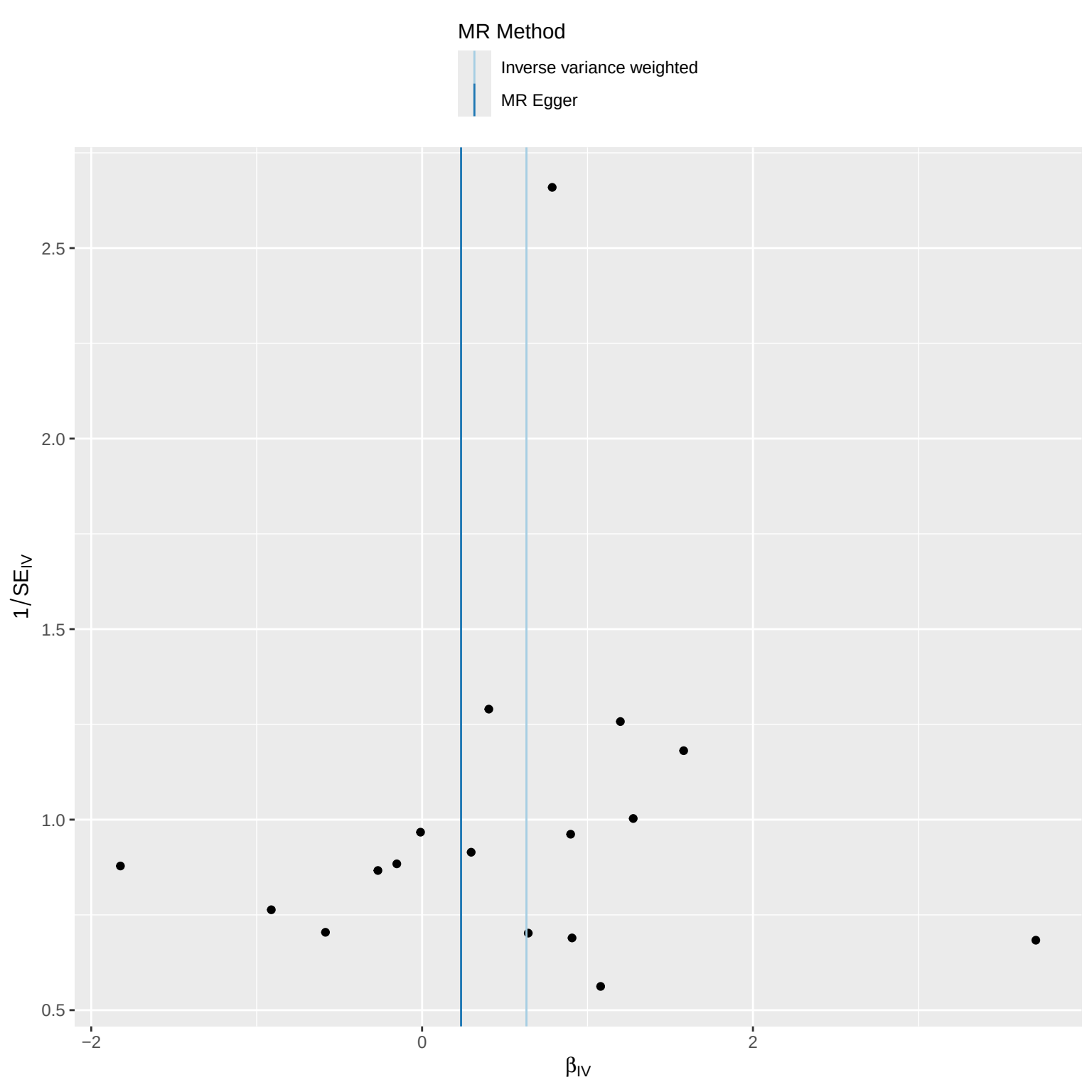

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

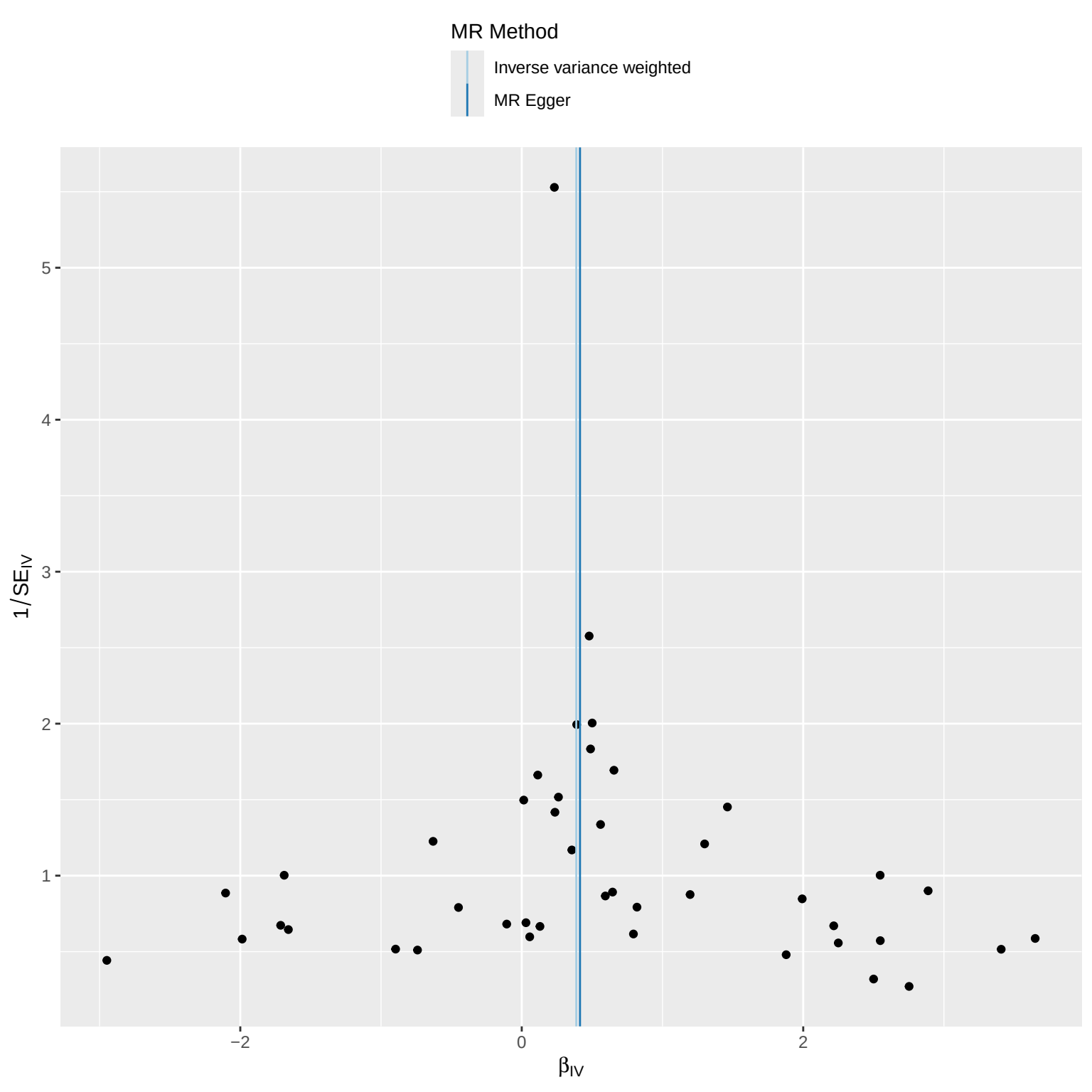

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

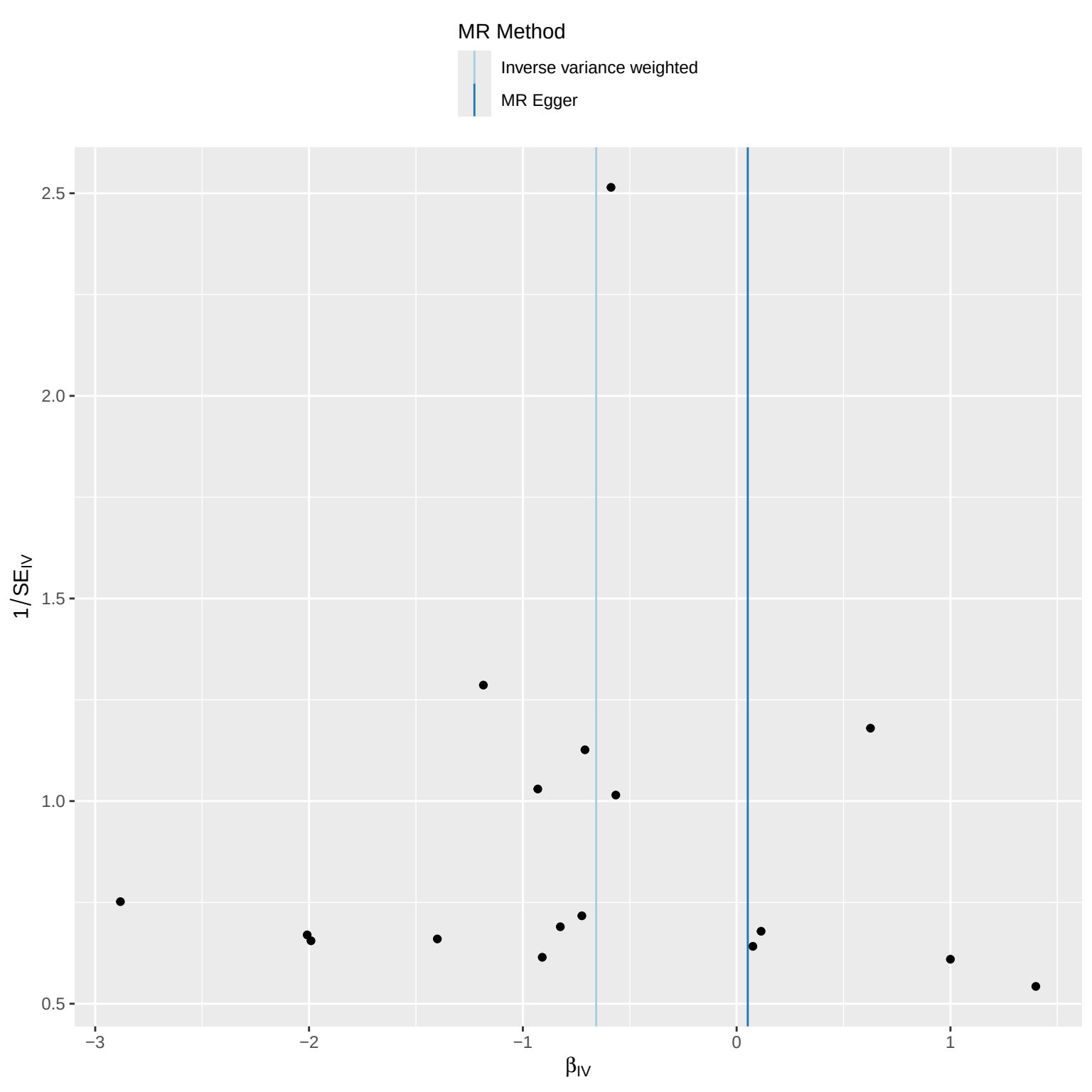

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

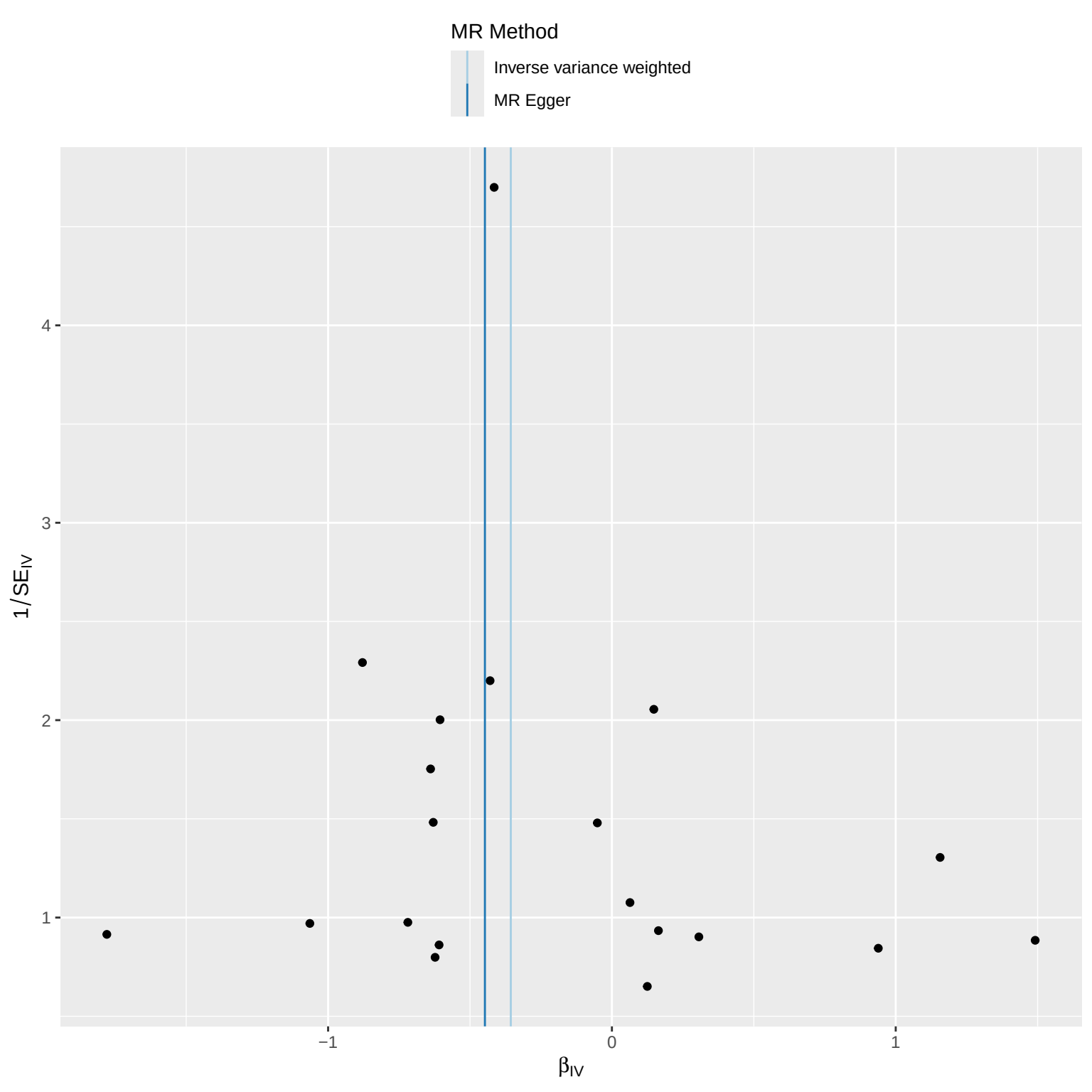

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

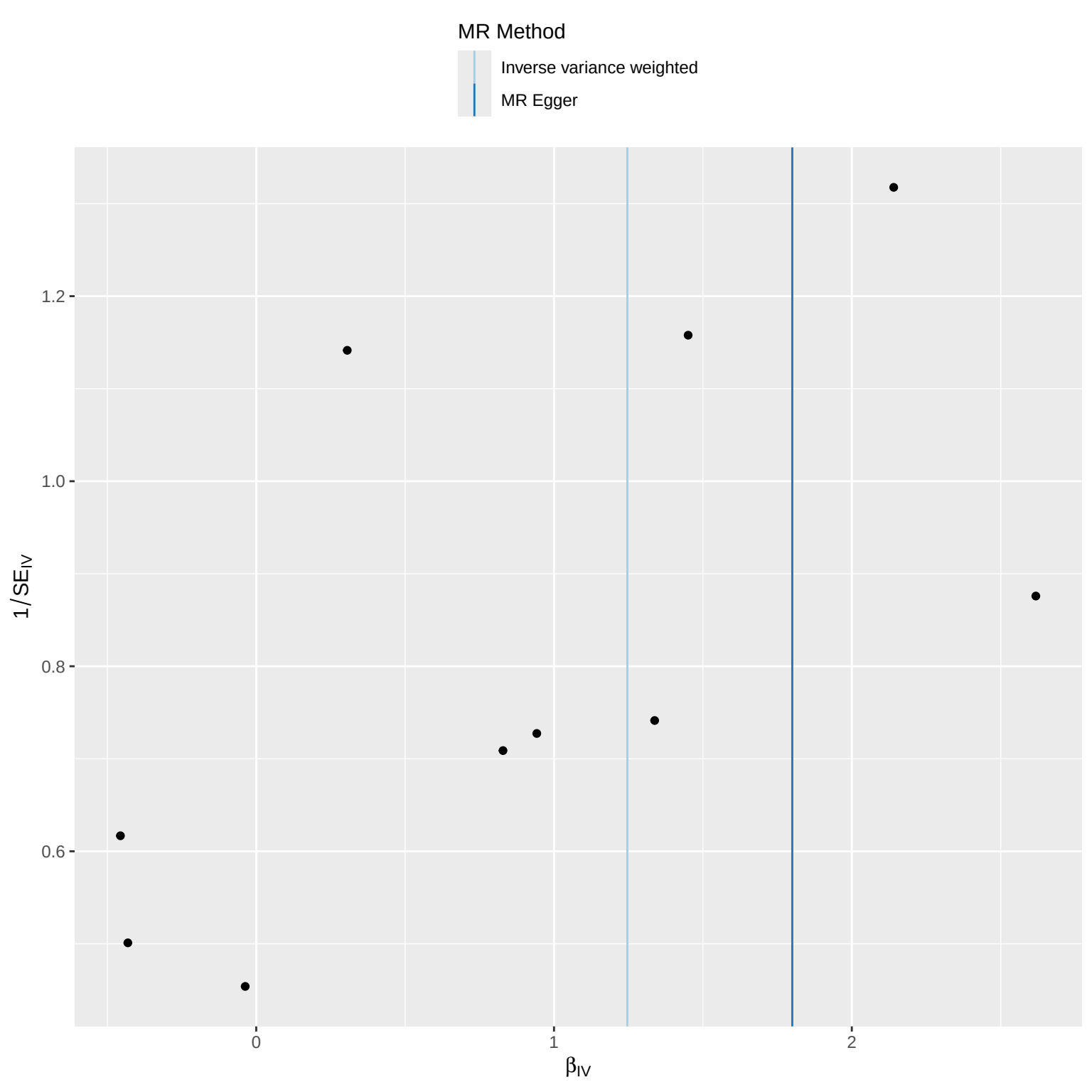

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

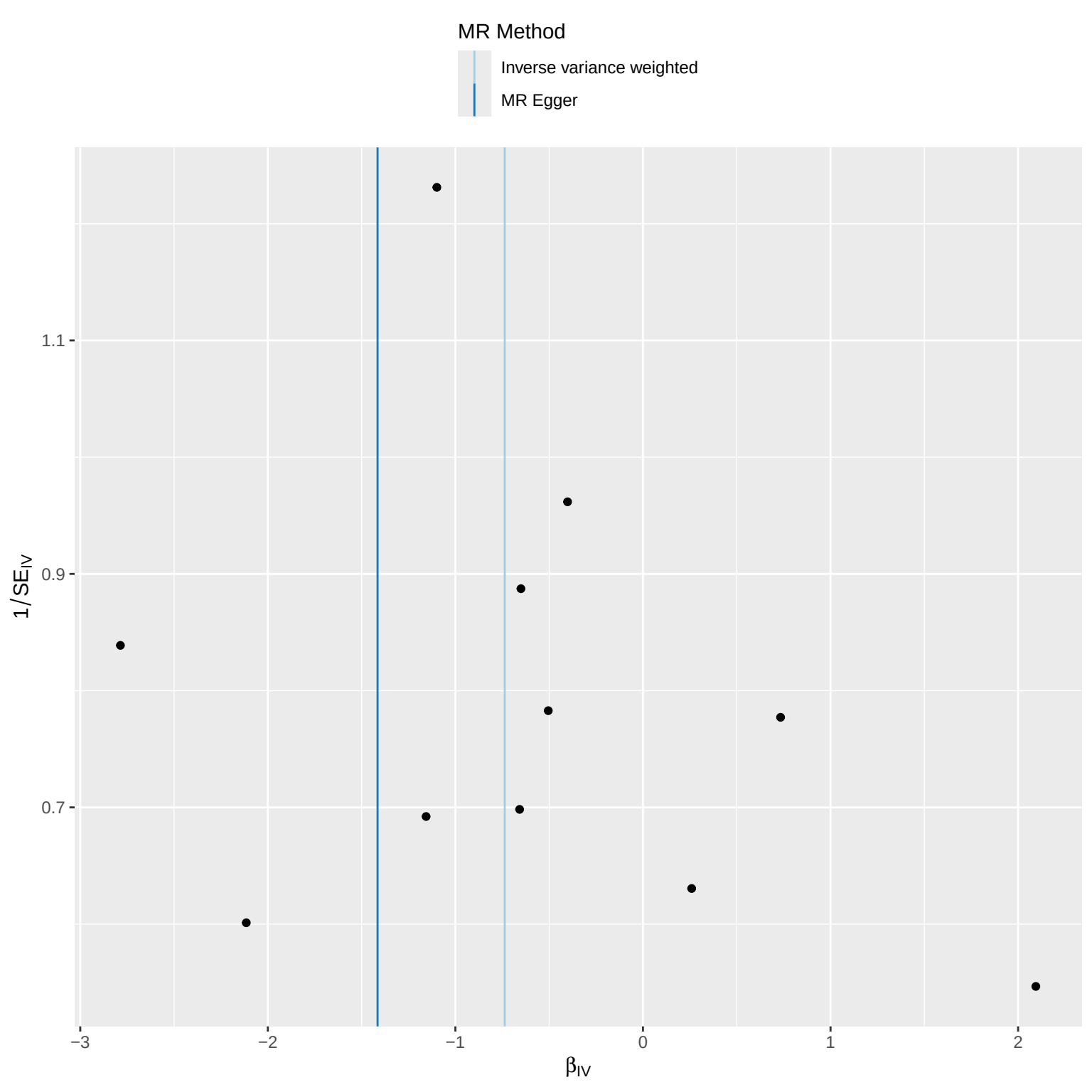

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

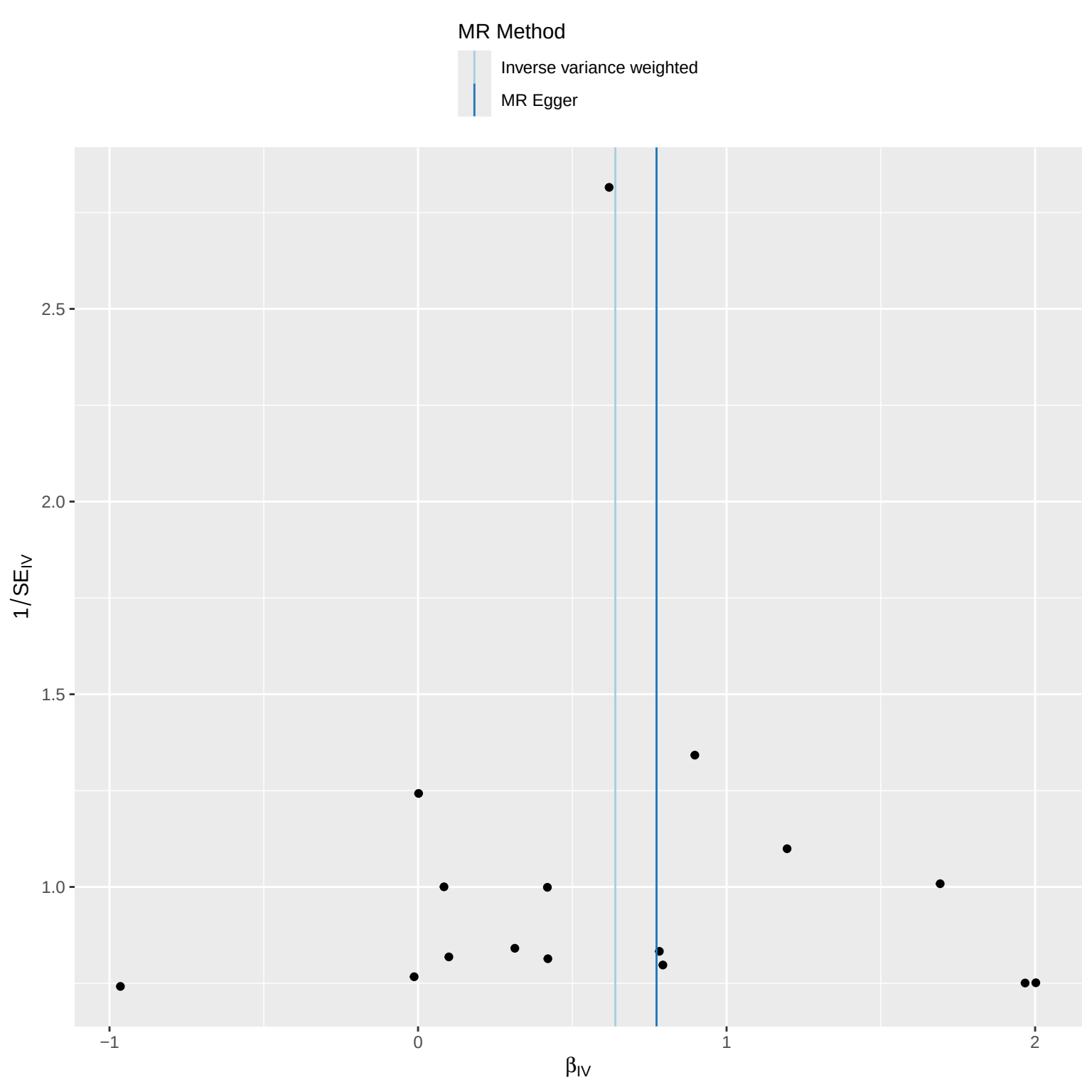

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

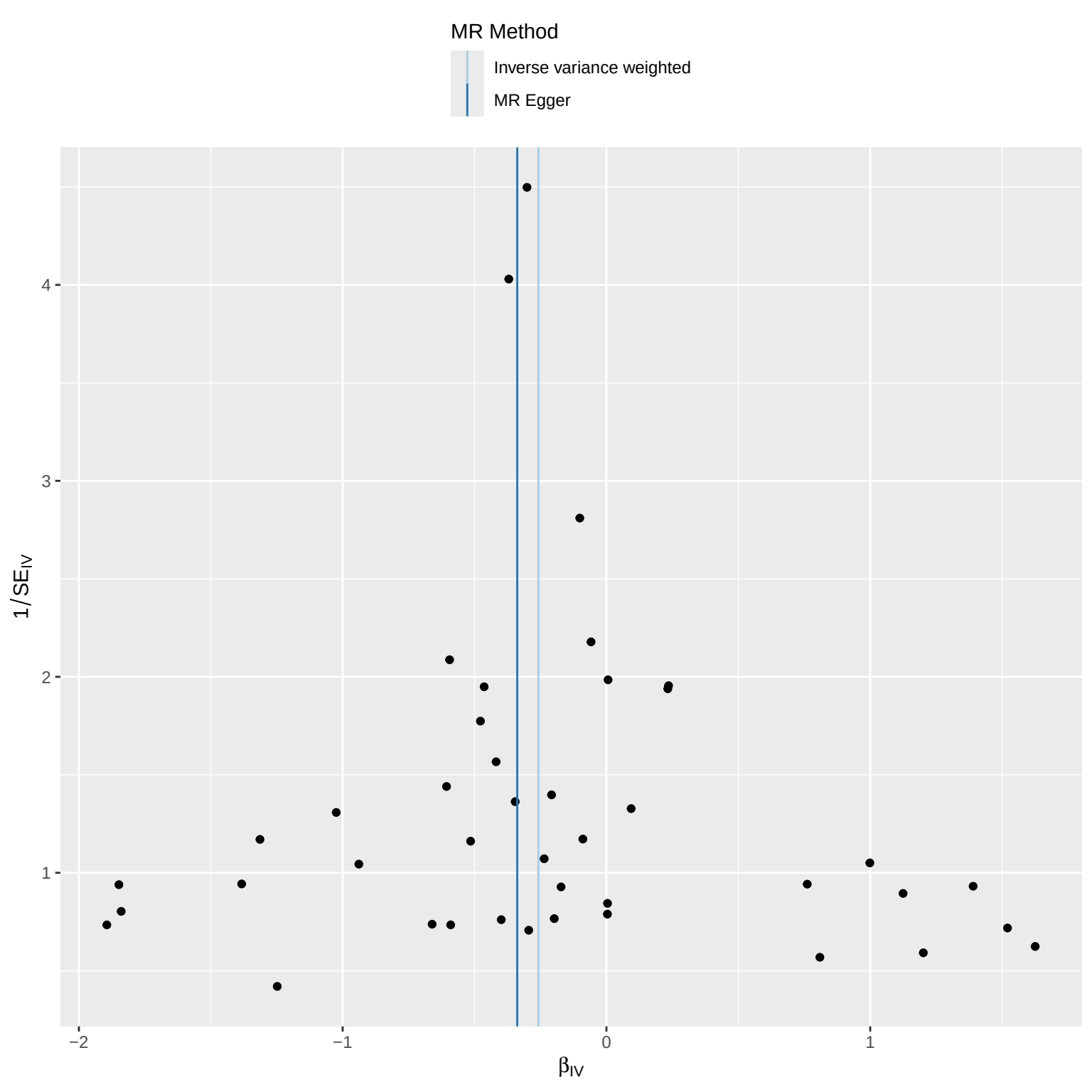

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

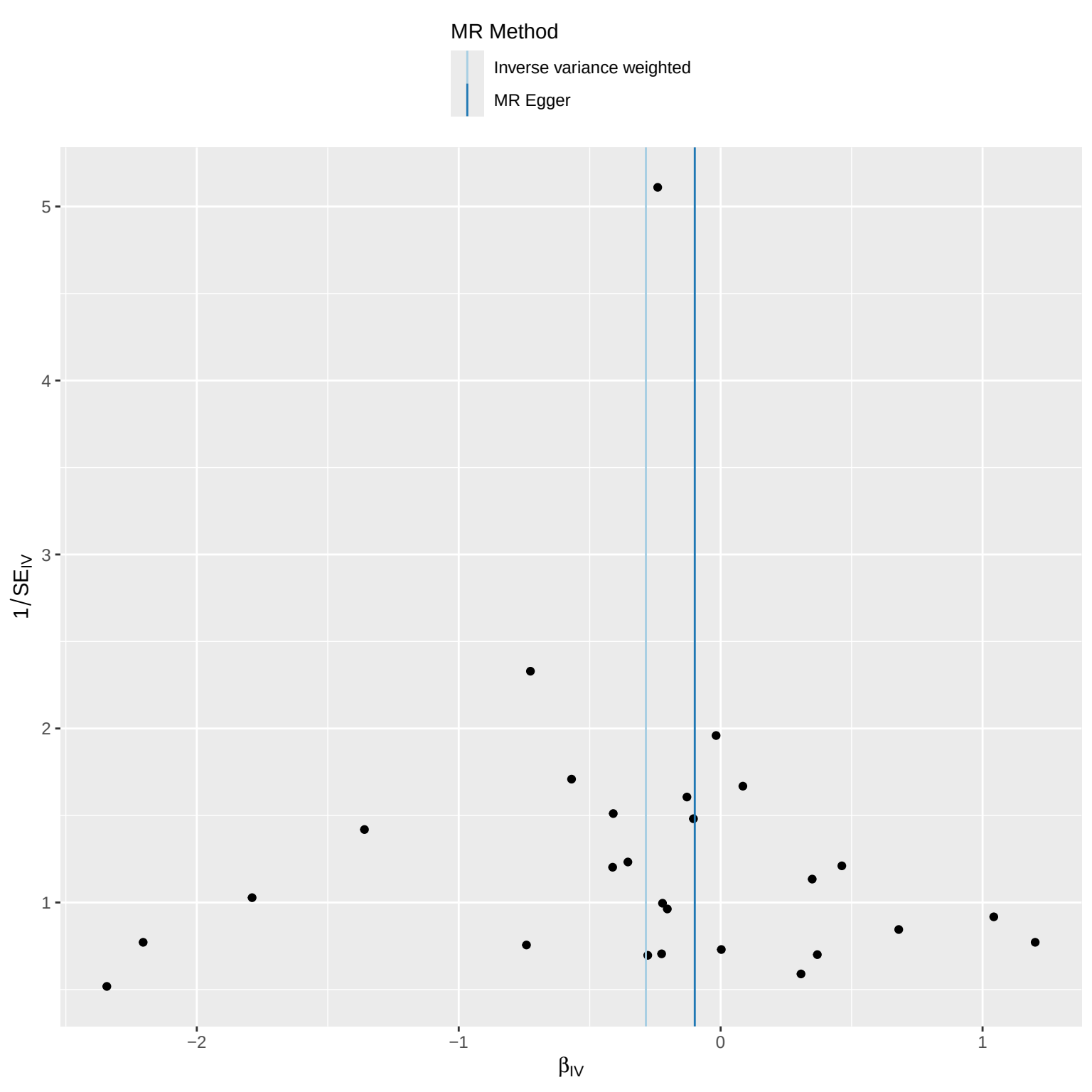

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

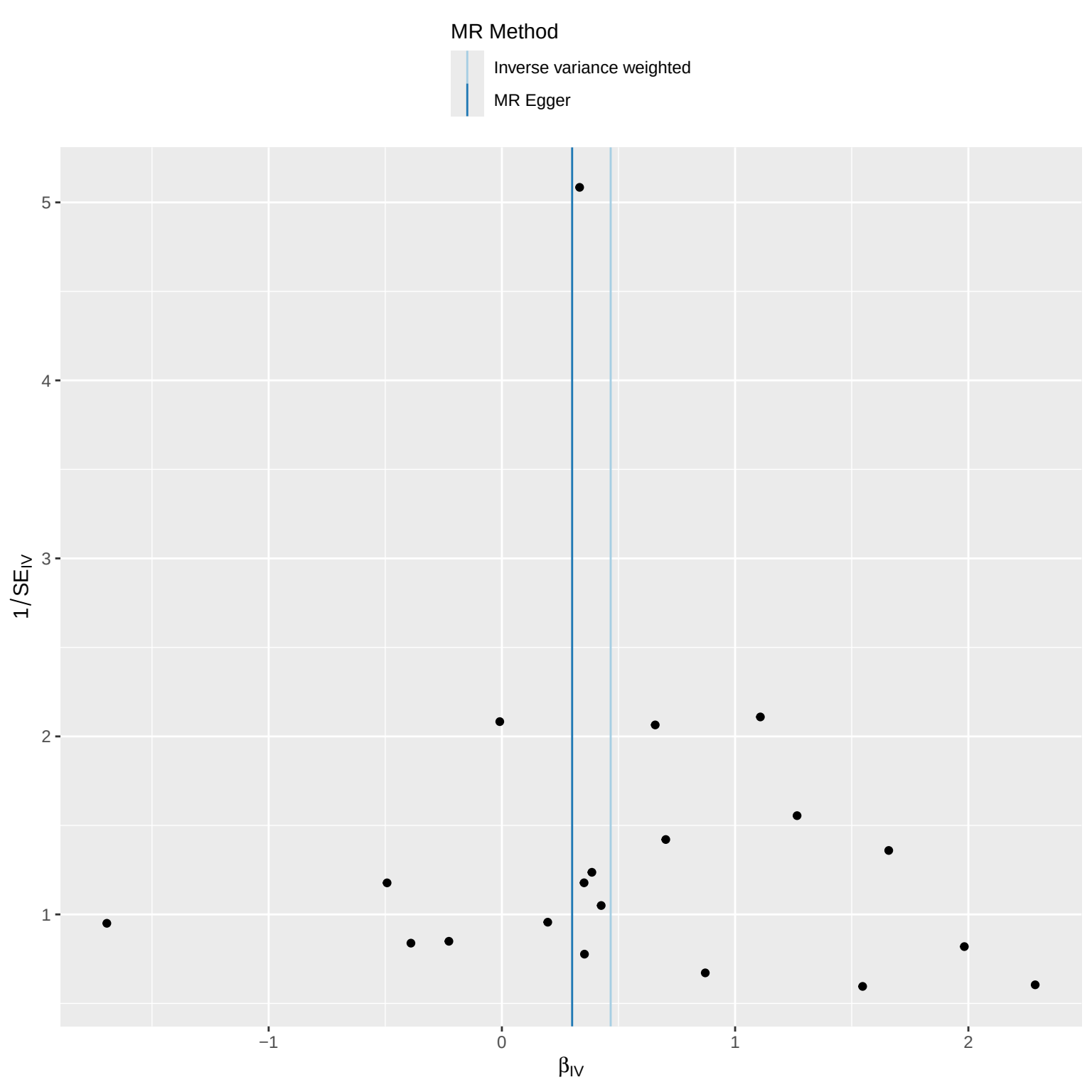

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0
1
2
β_IV

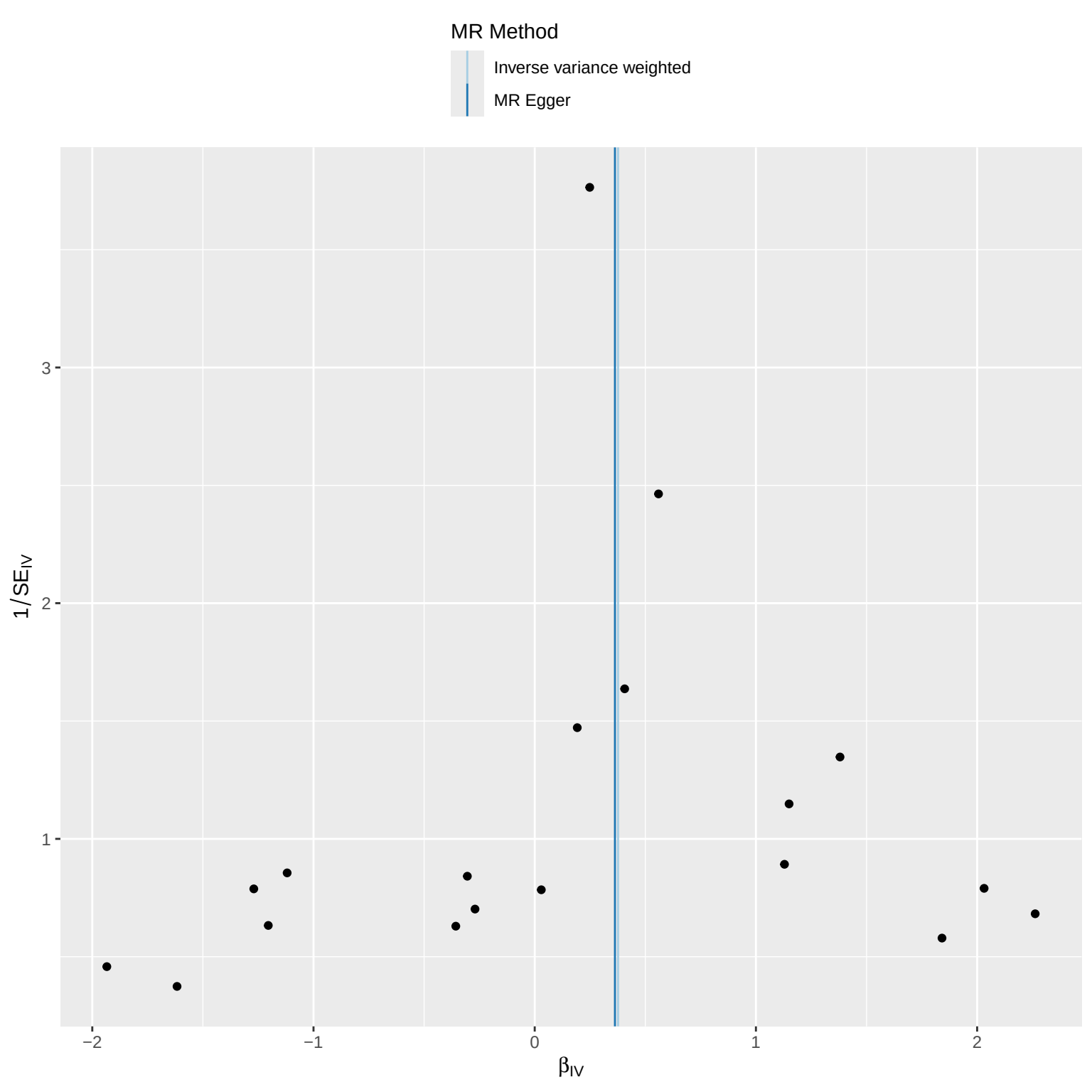

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
1/SE_IV
−3
−2
−1
0
1
2
β_IV

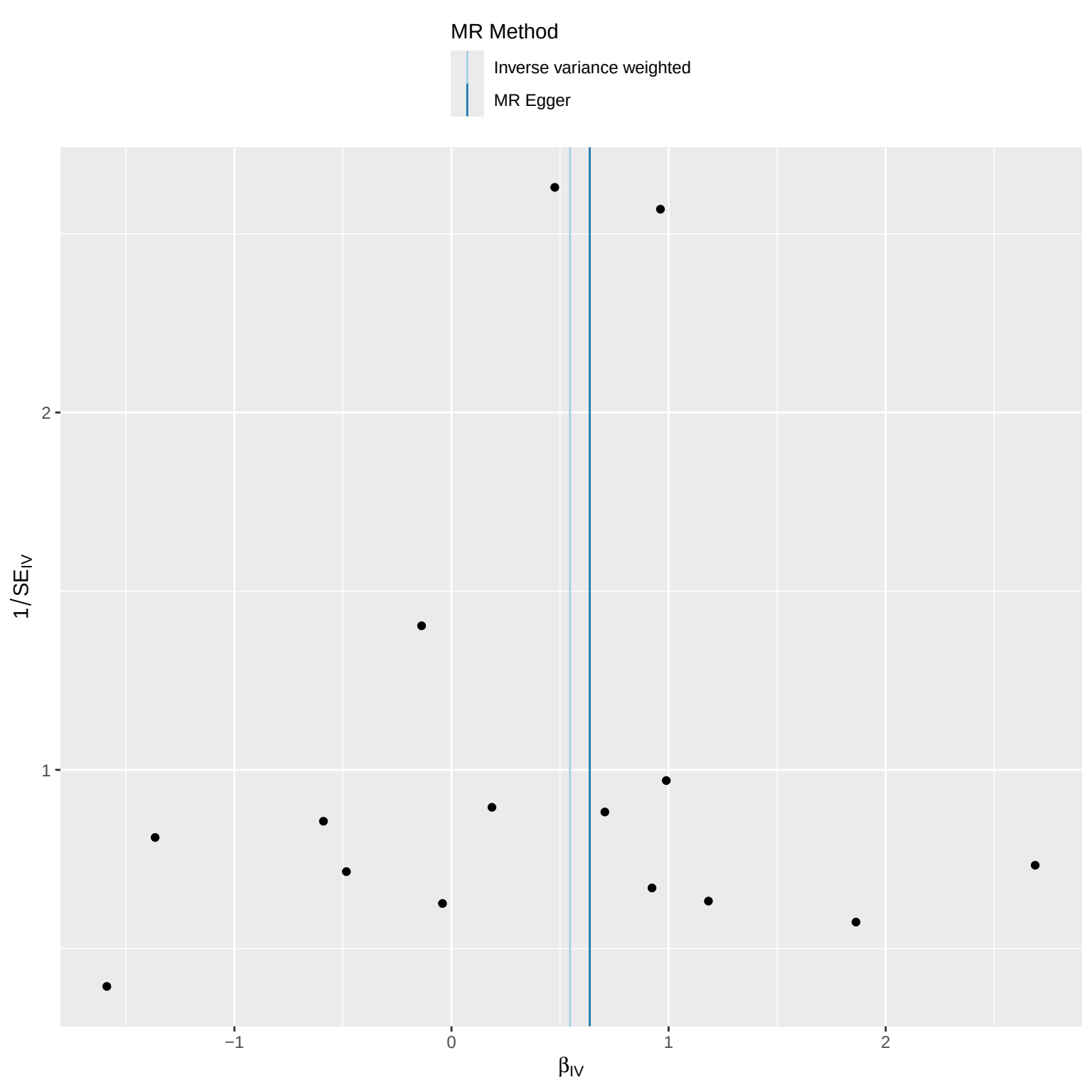

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

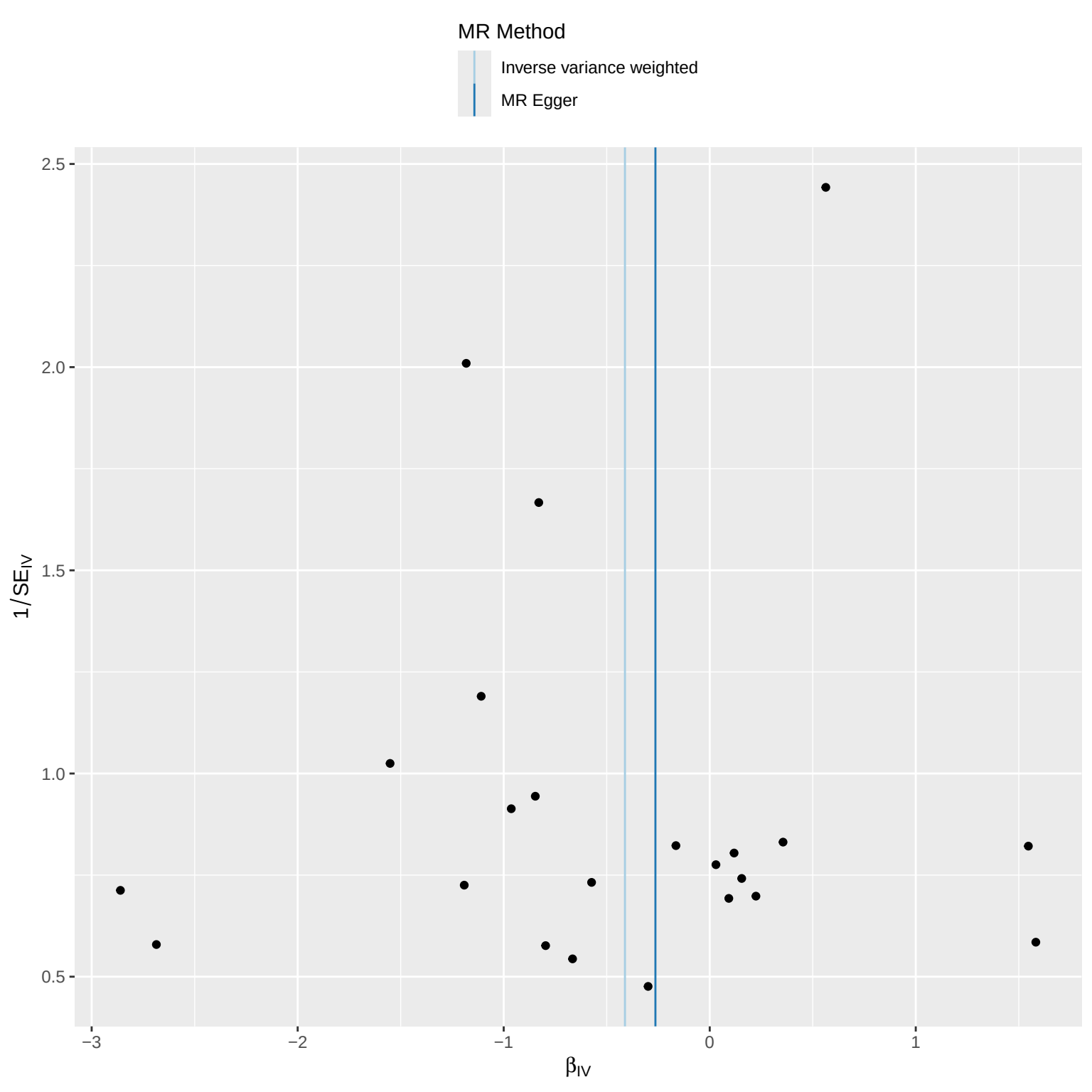

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

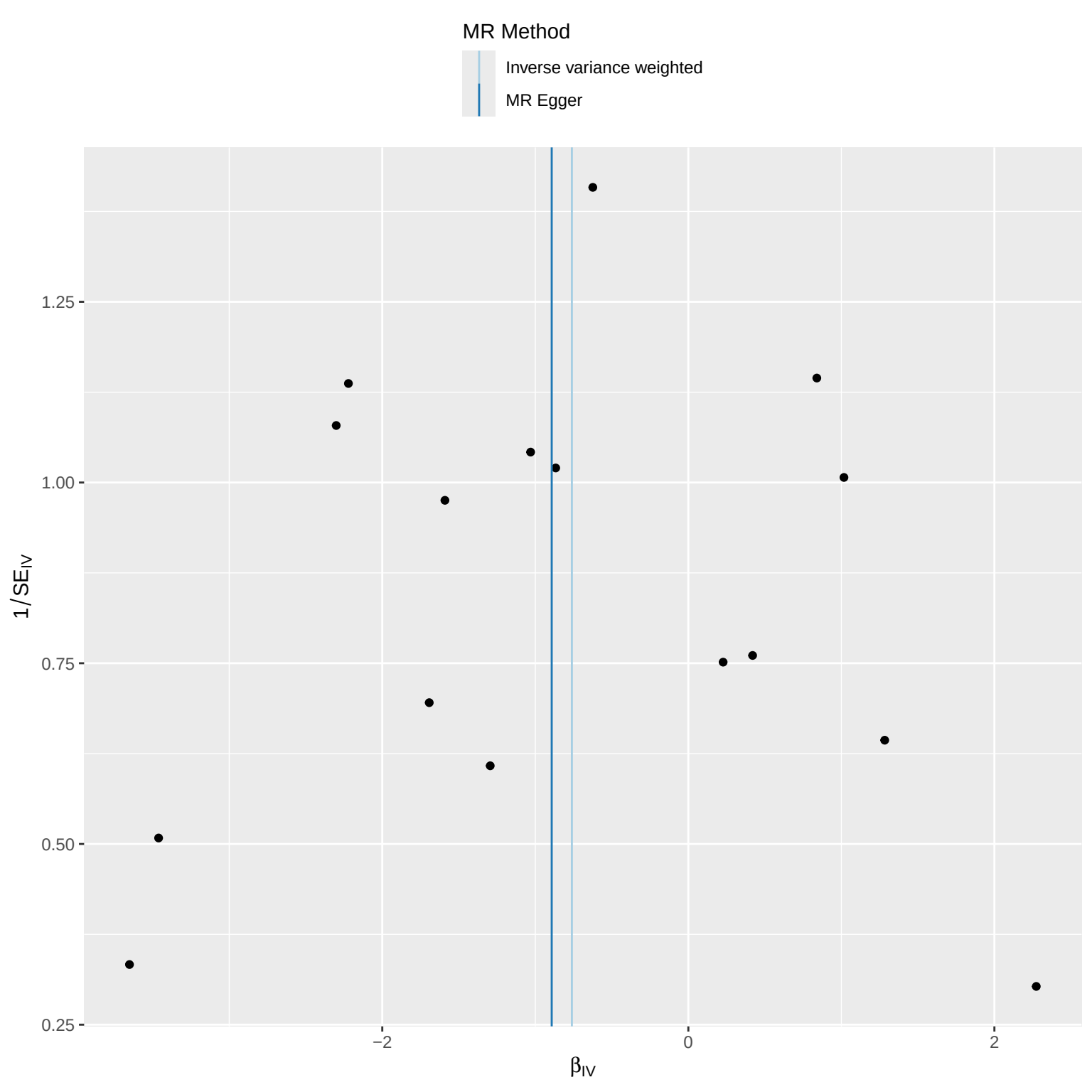

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

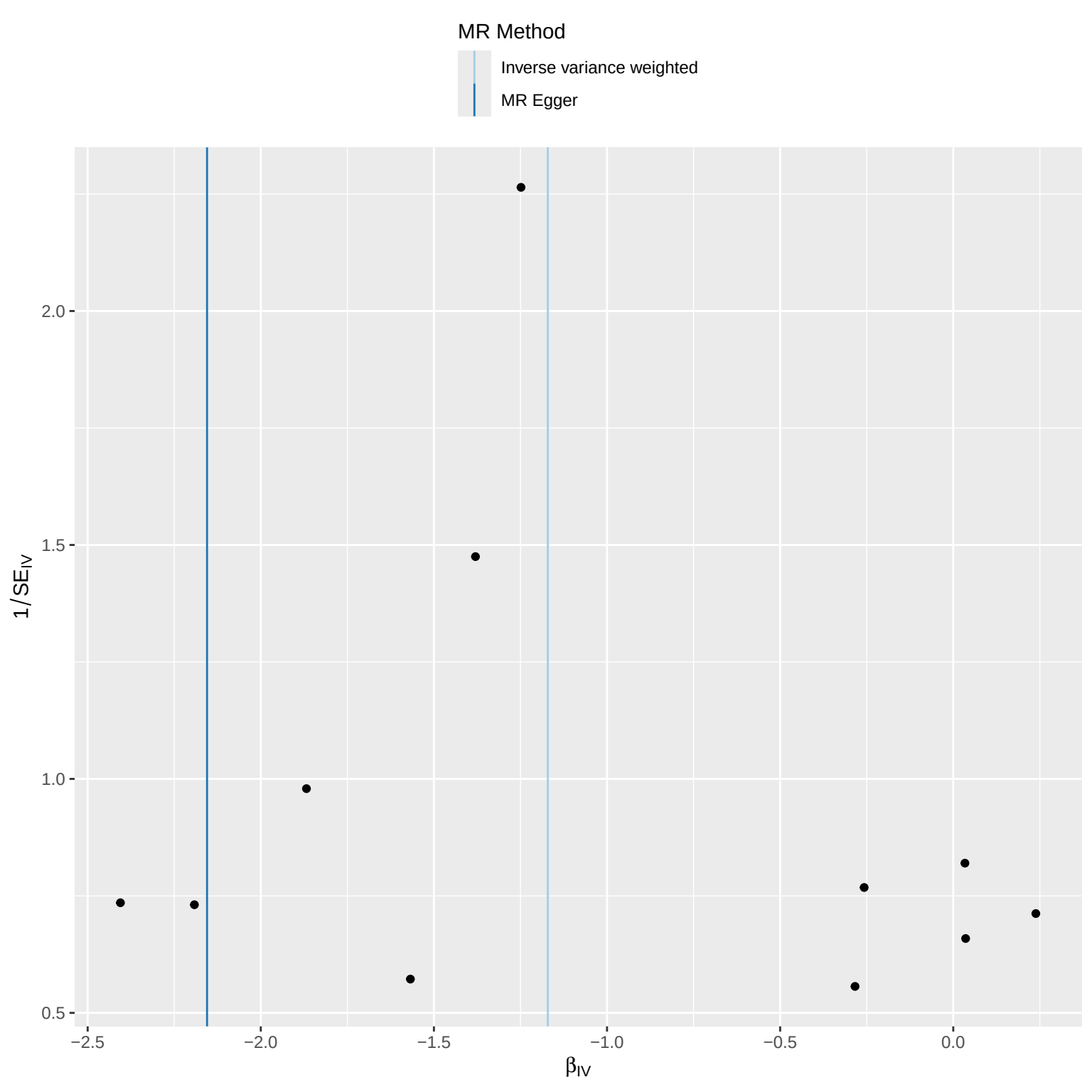

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

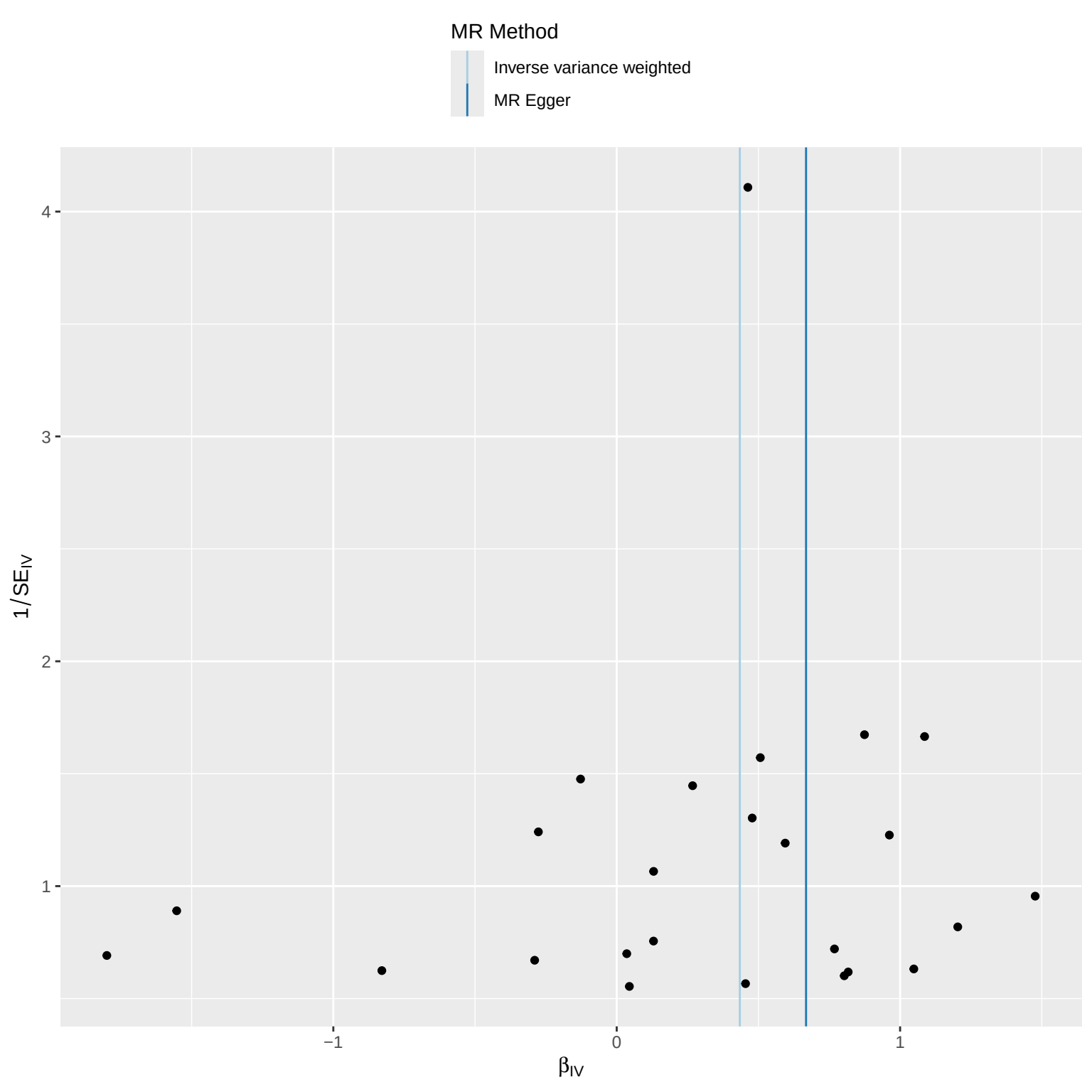

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

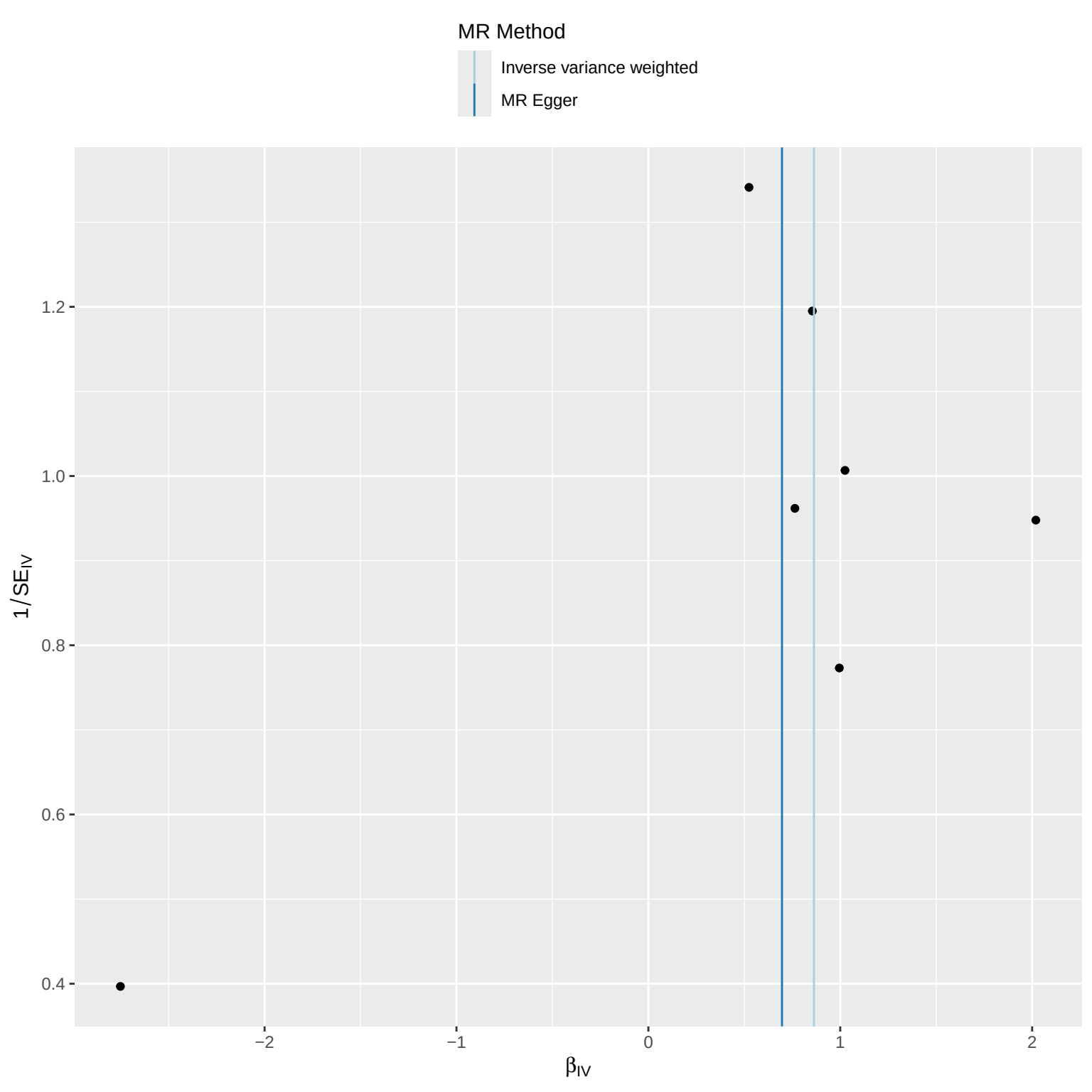

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

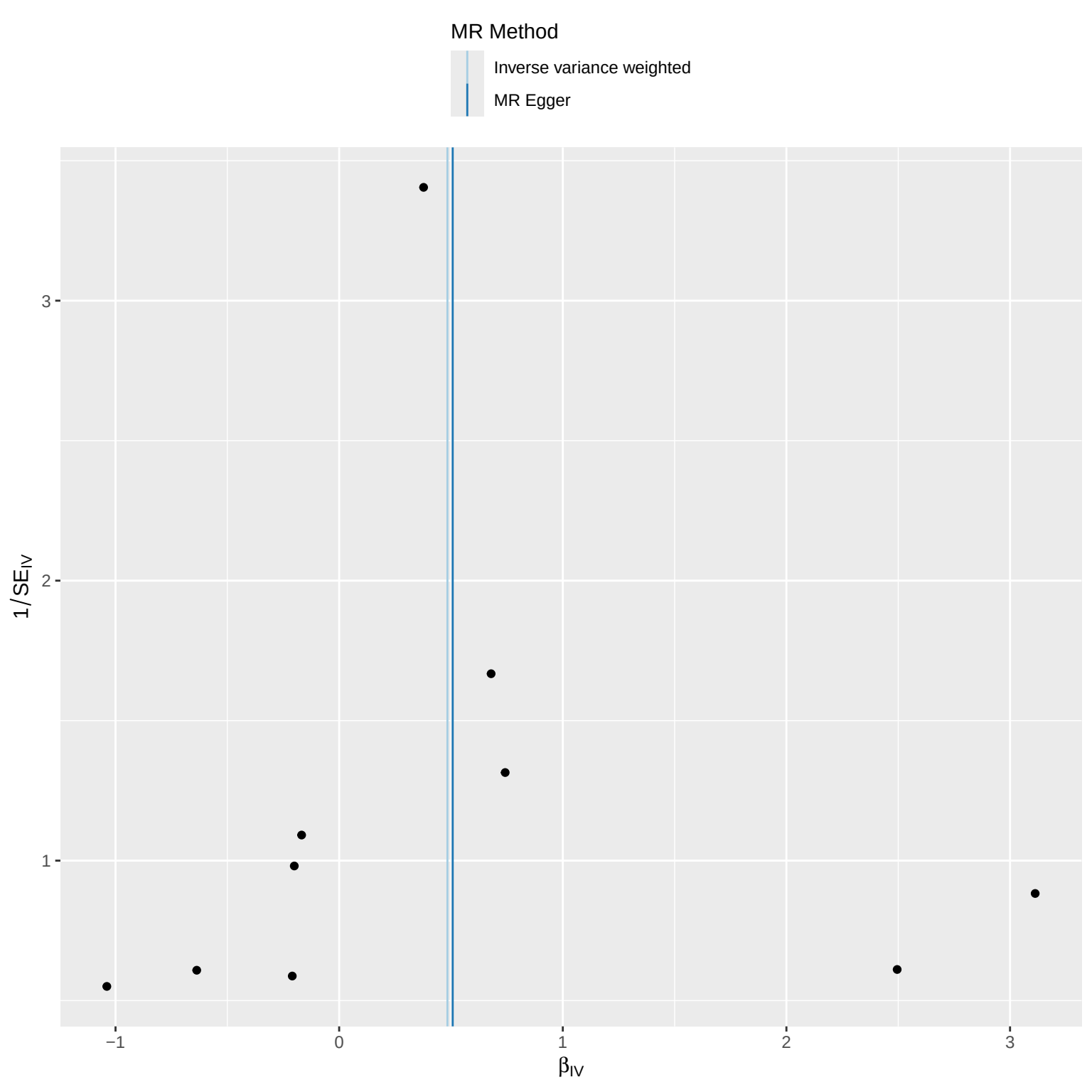

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

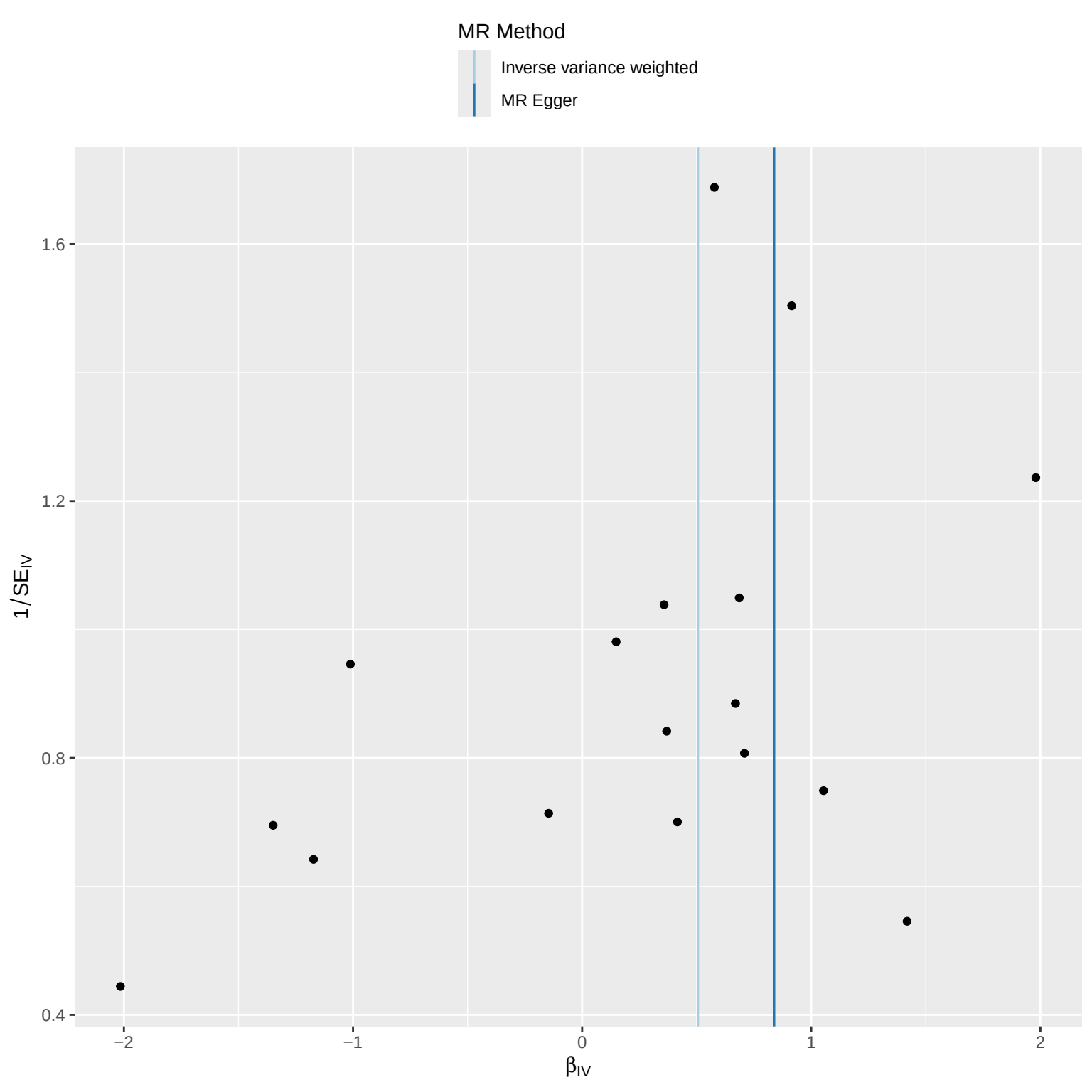

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
−2
0
2
β_IV

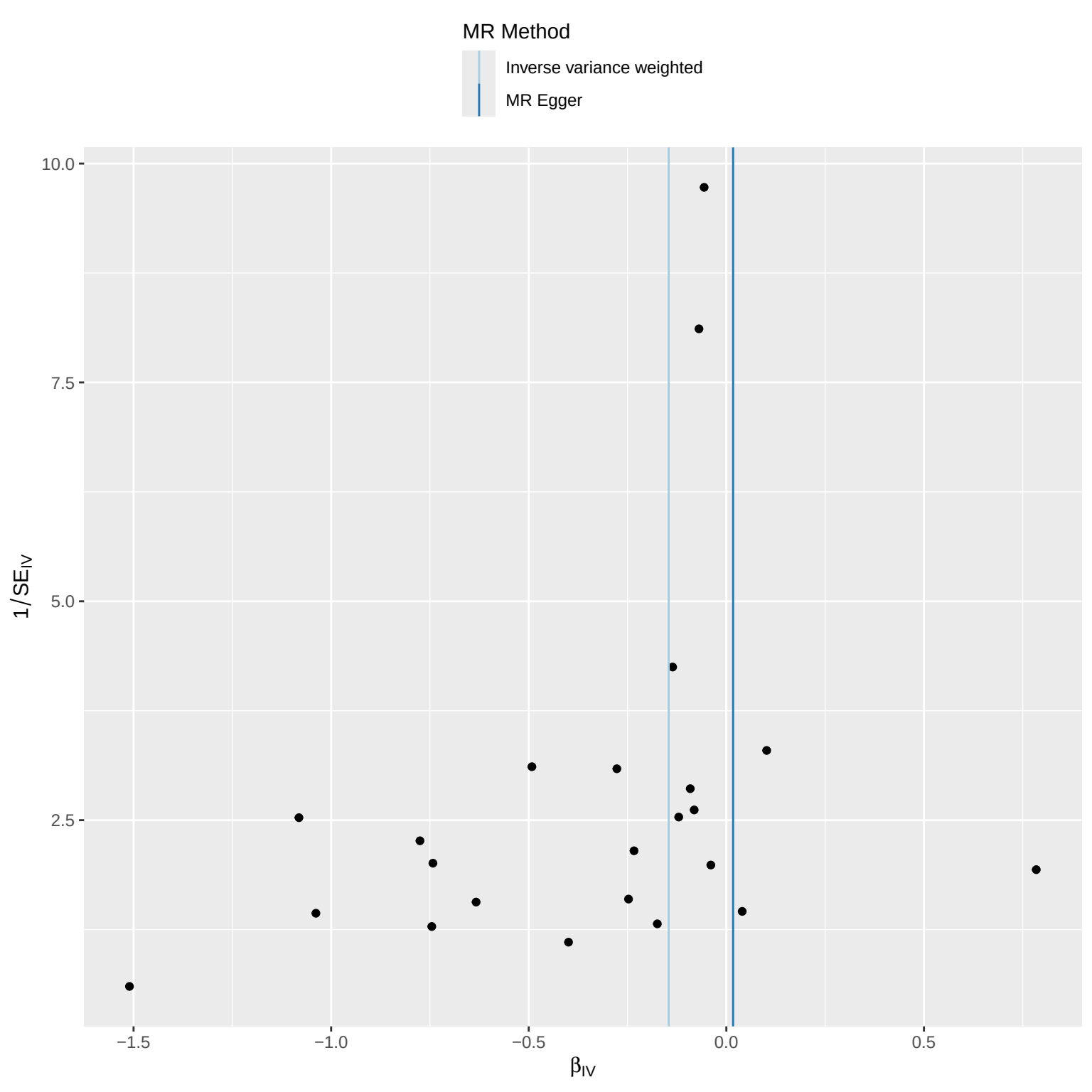

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

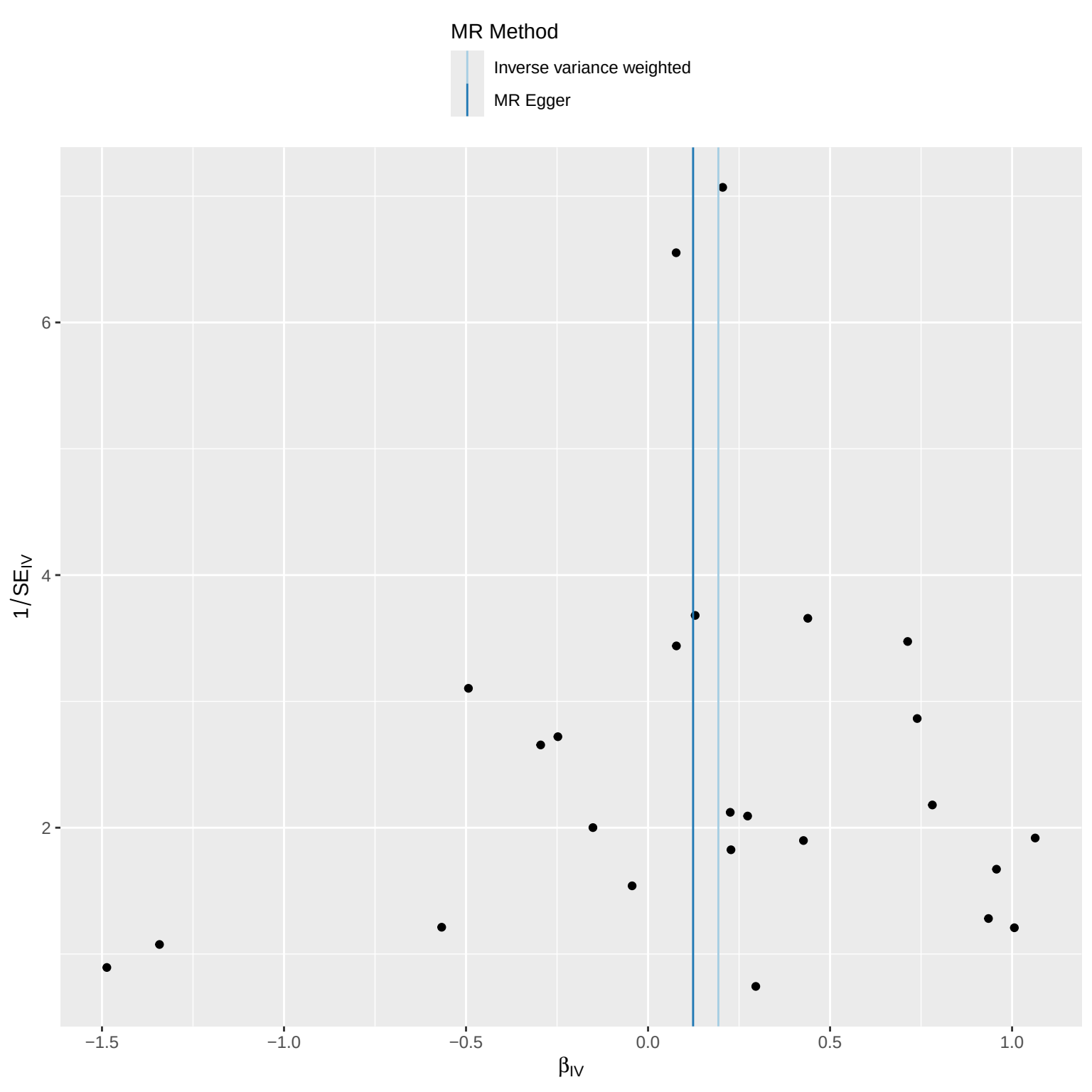

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

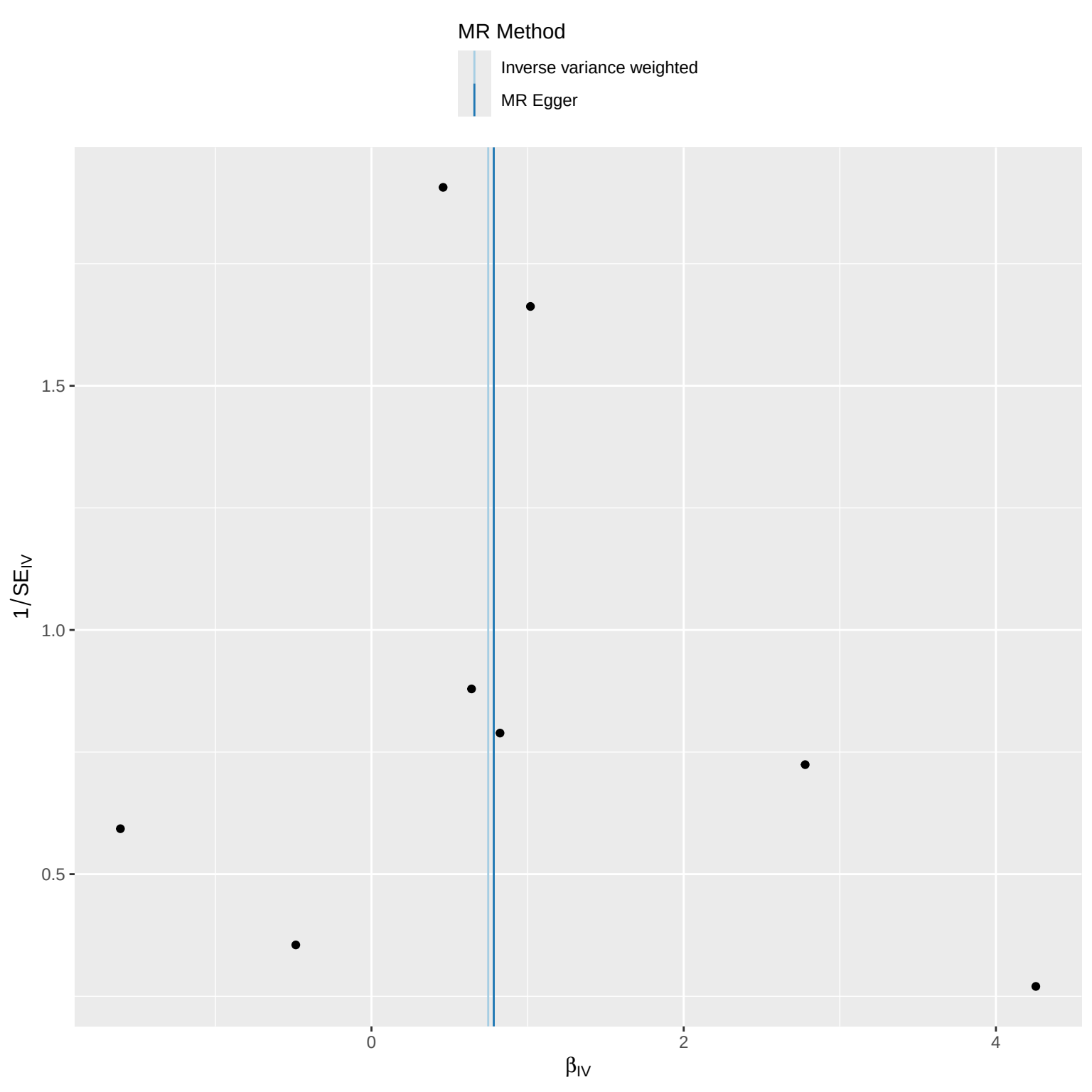

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

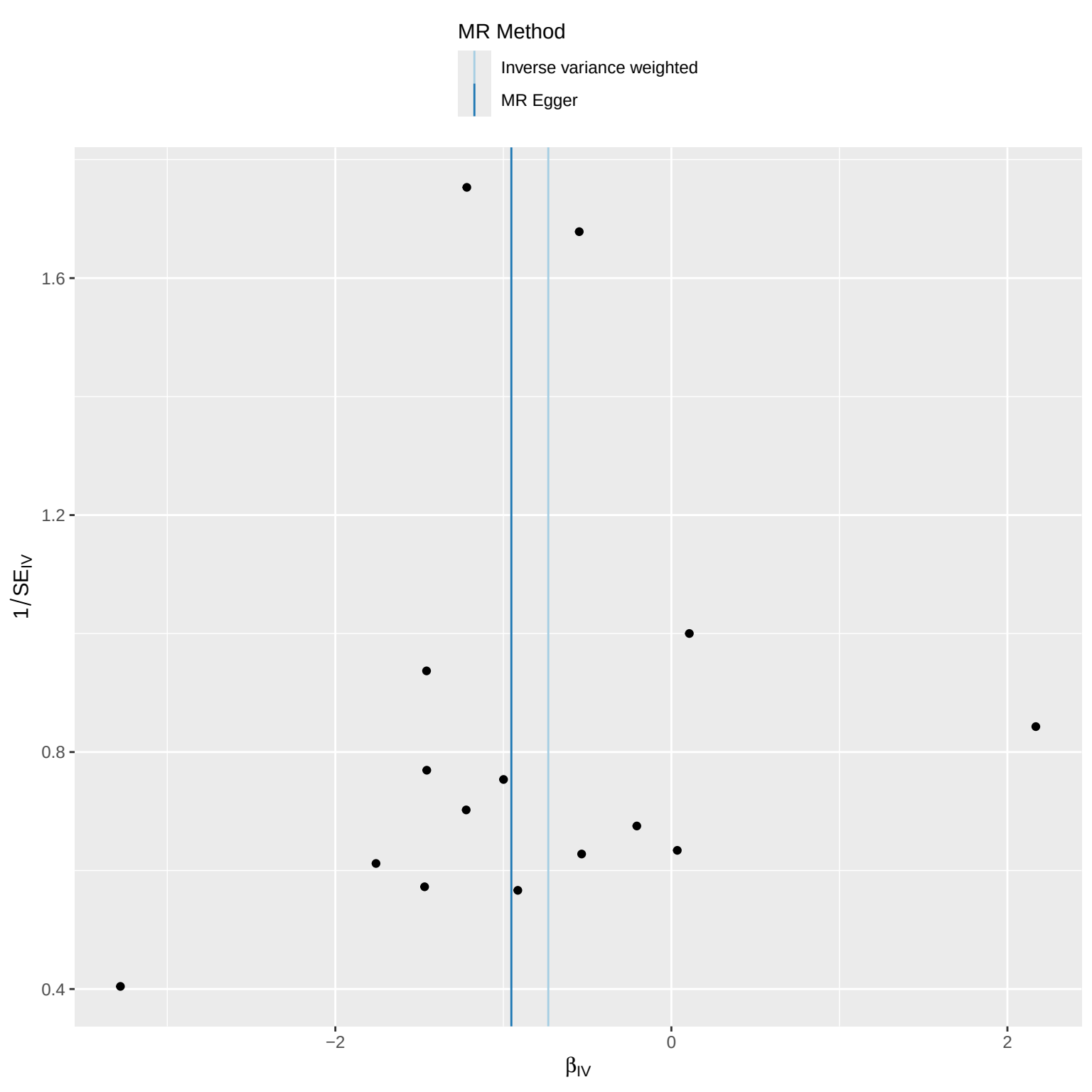

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

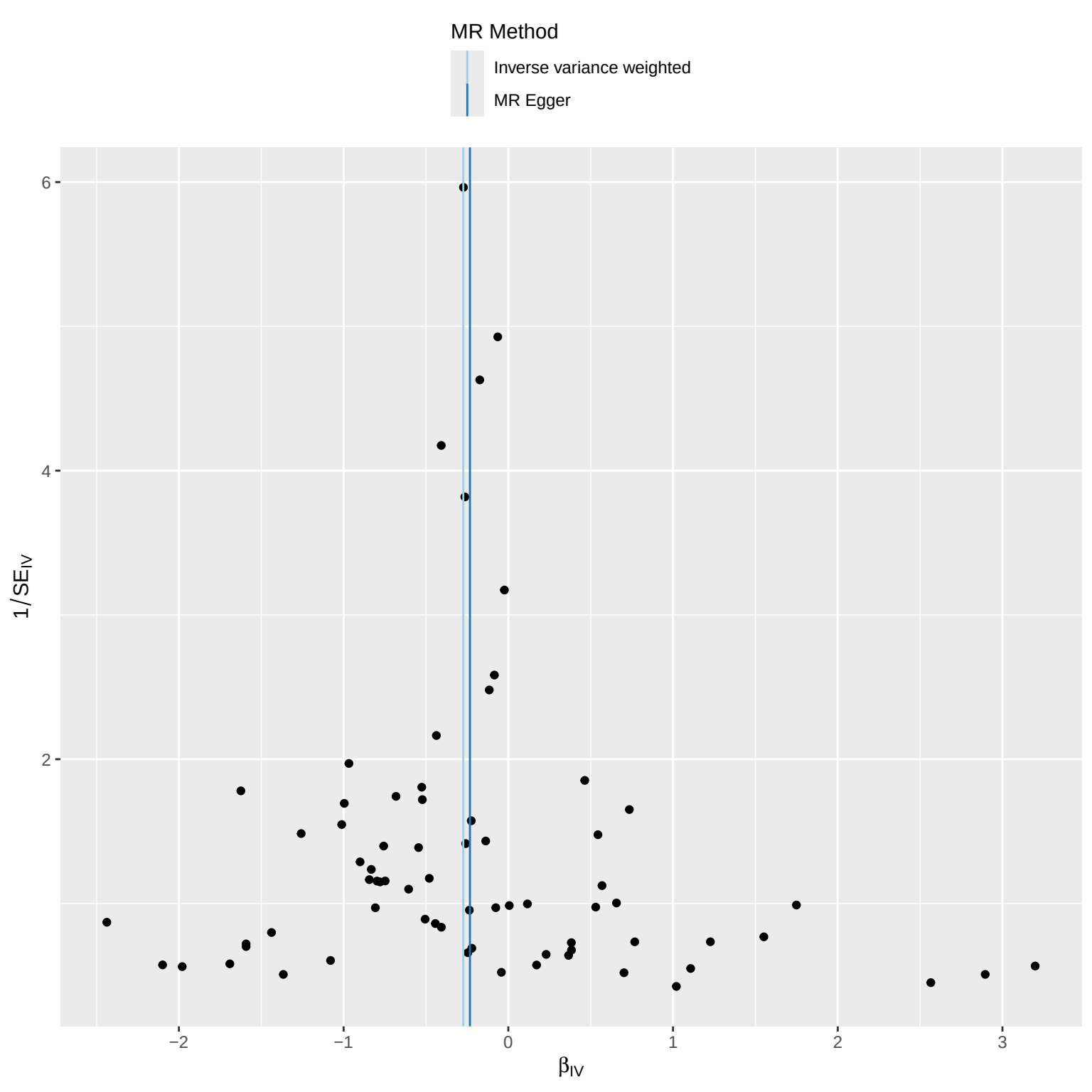

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
2
β_IV

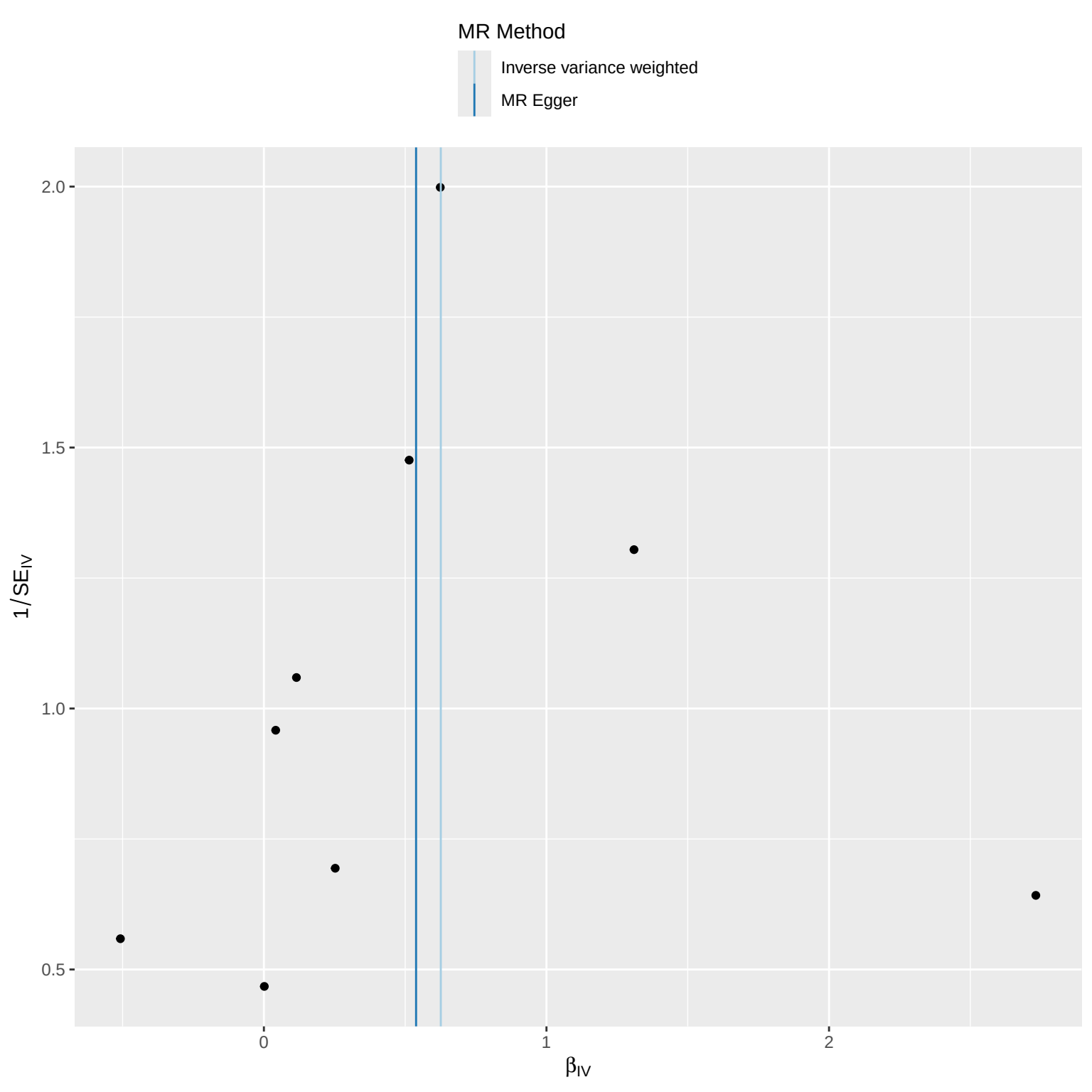

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

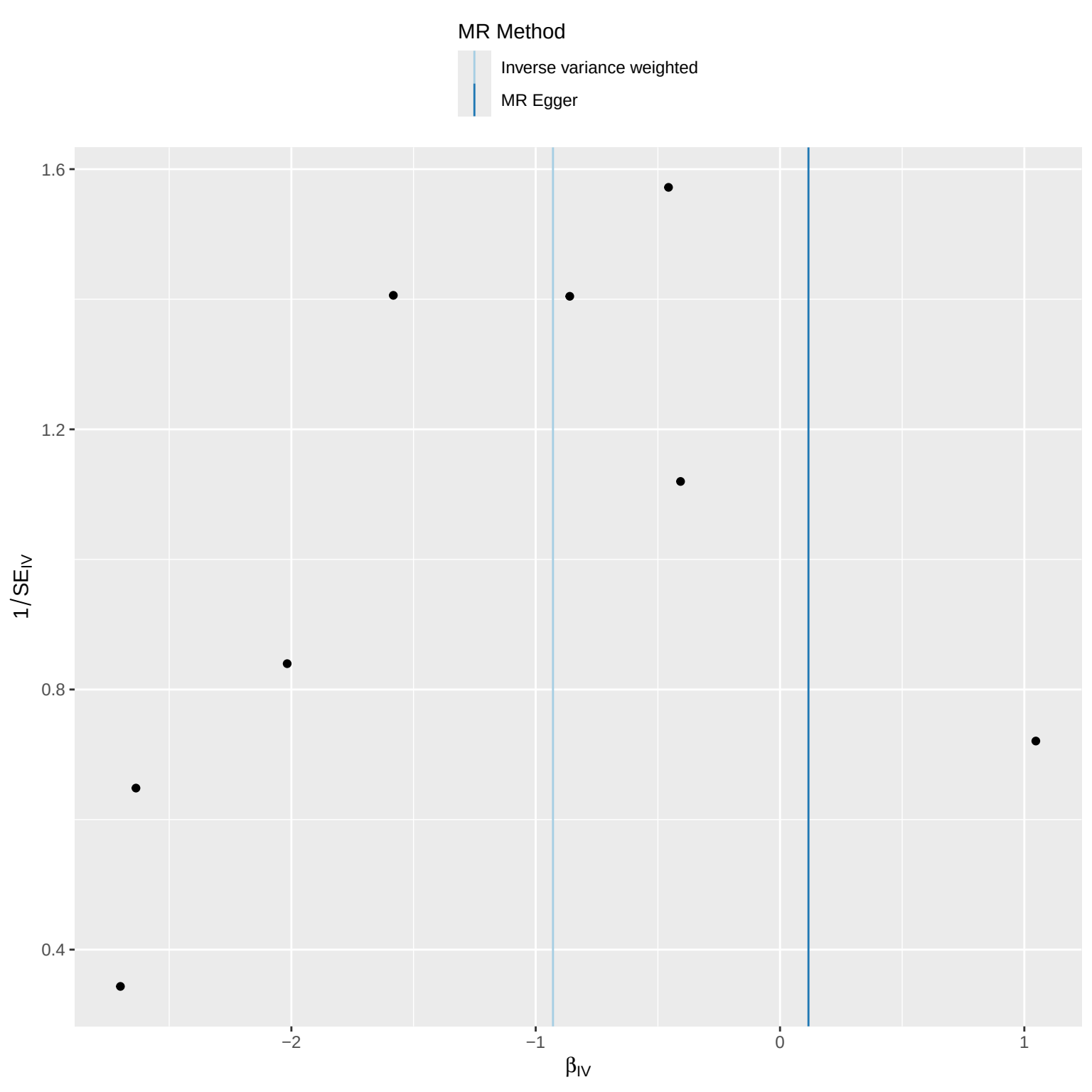

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

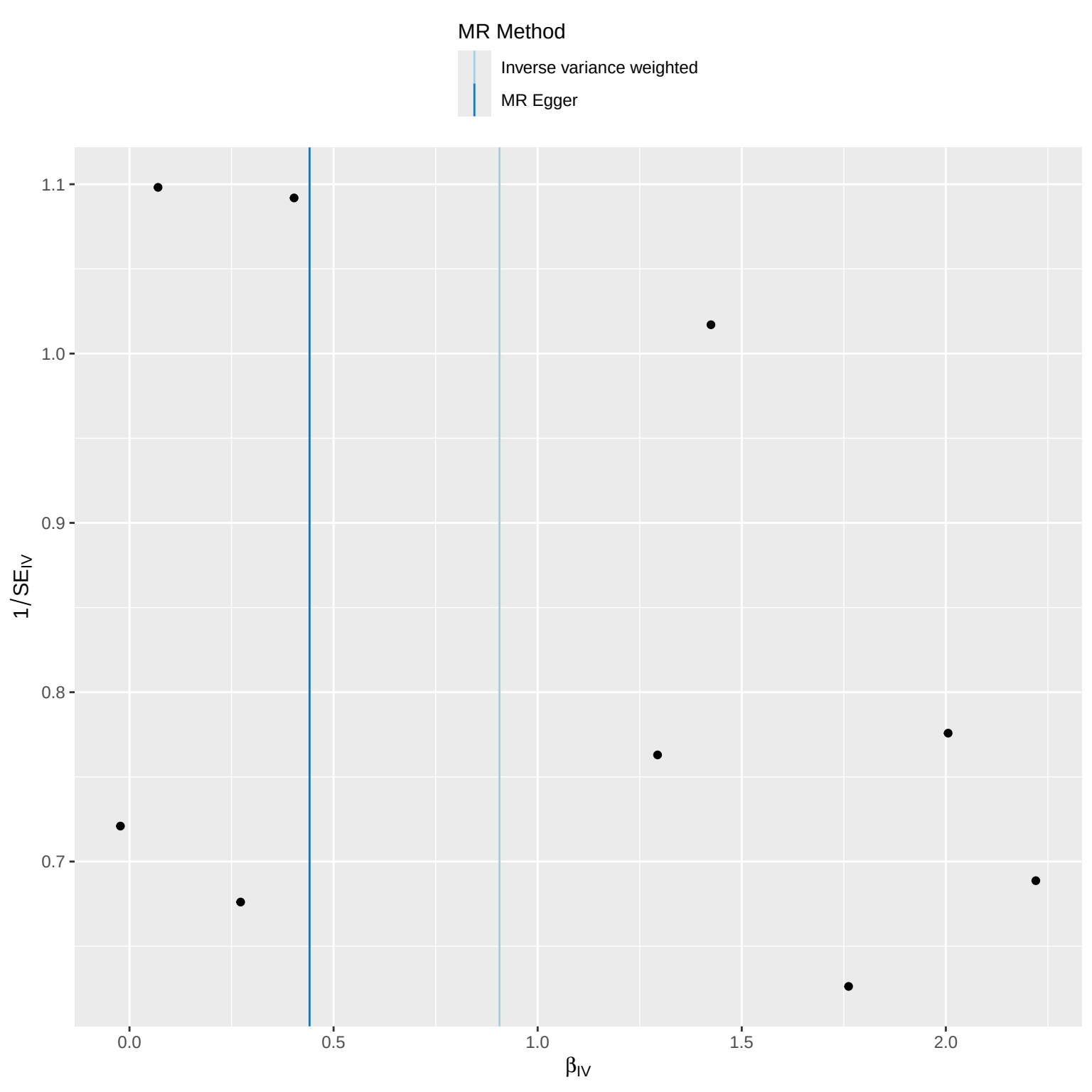

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

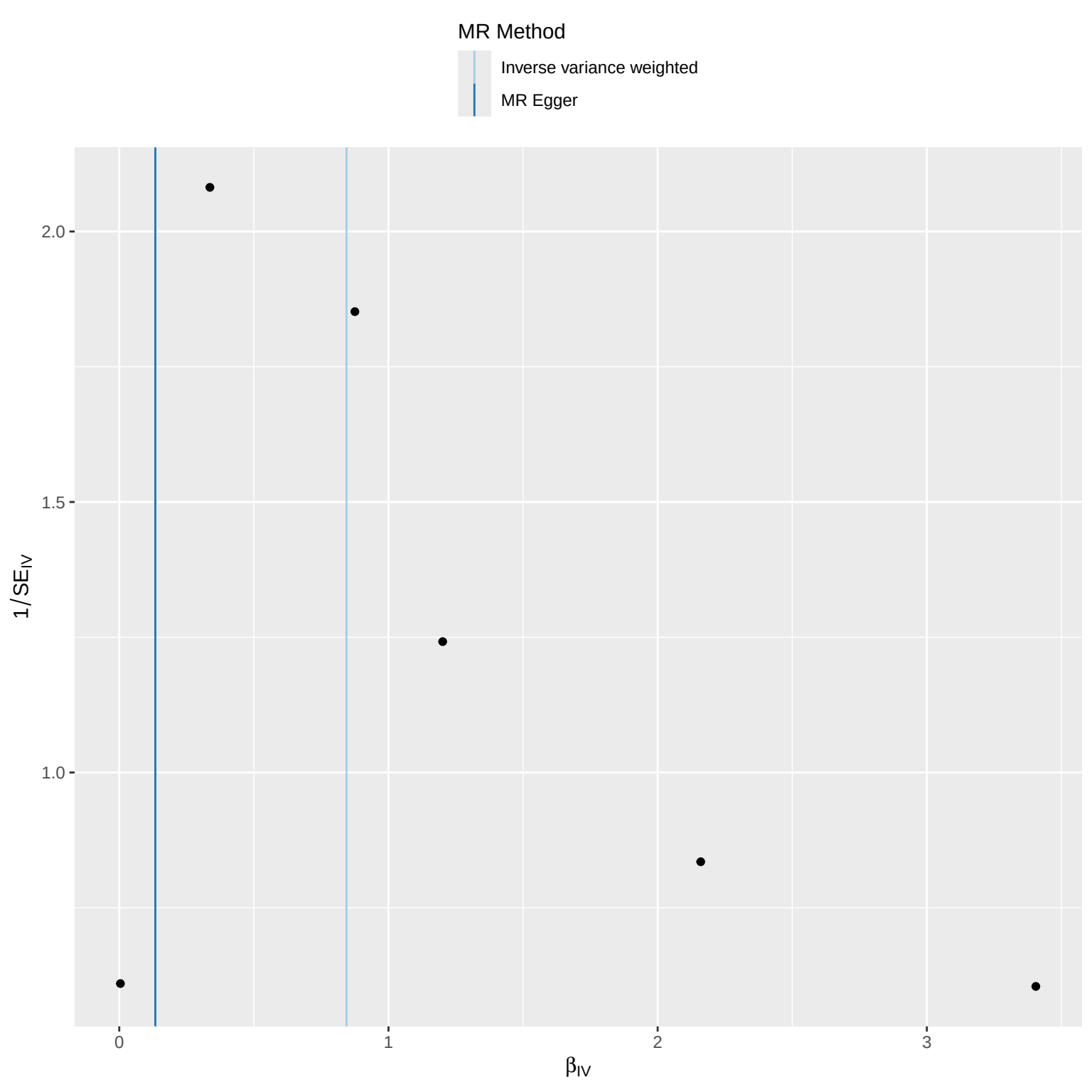

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
0
2
β_IV

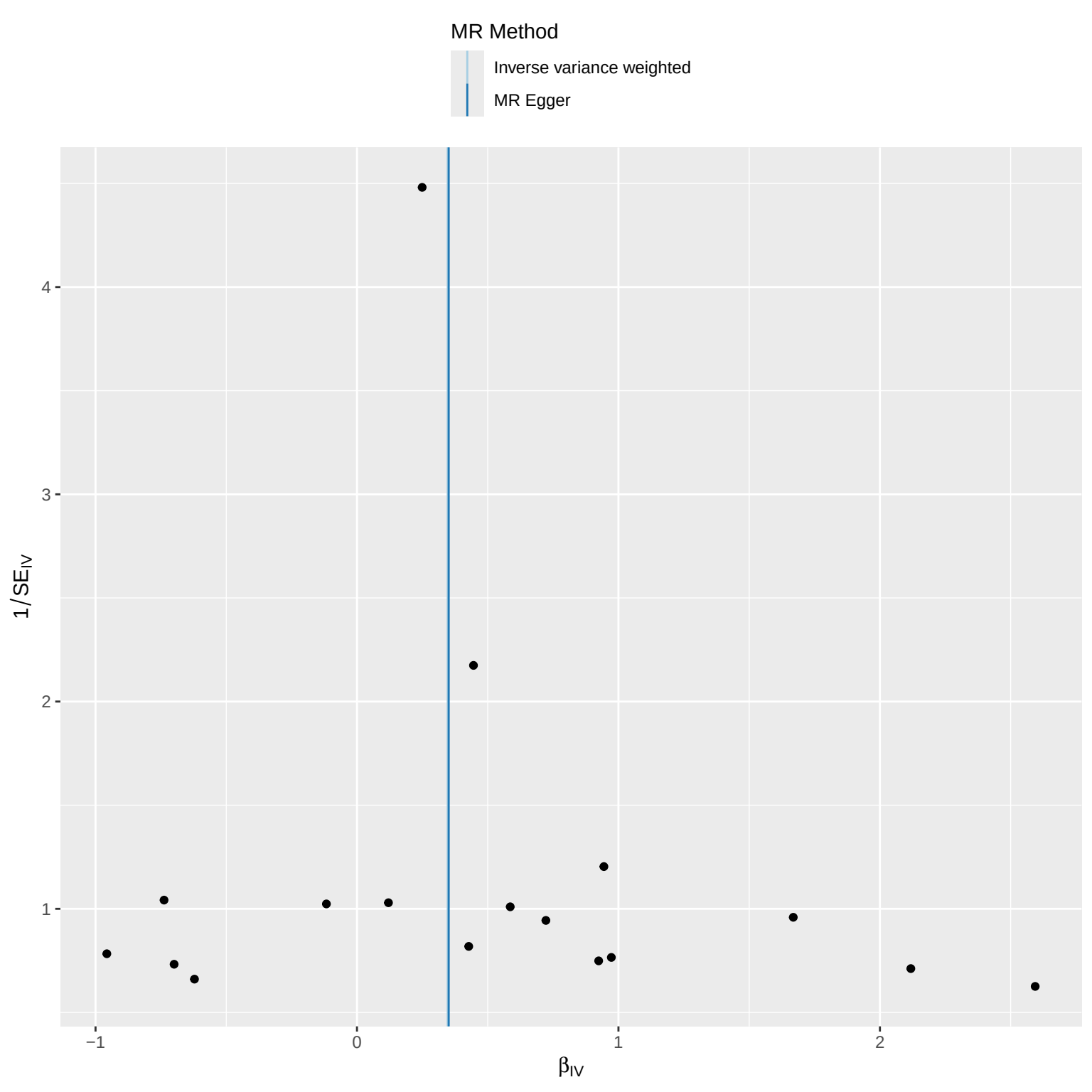

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

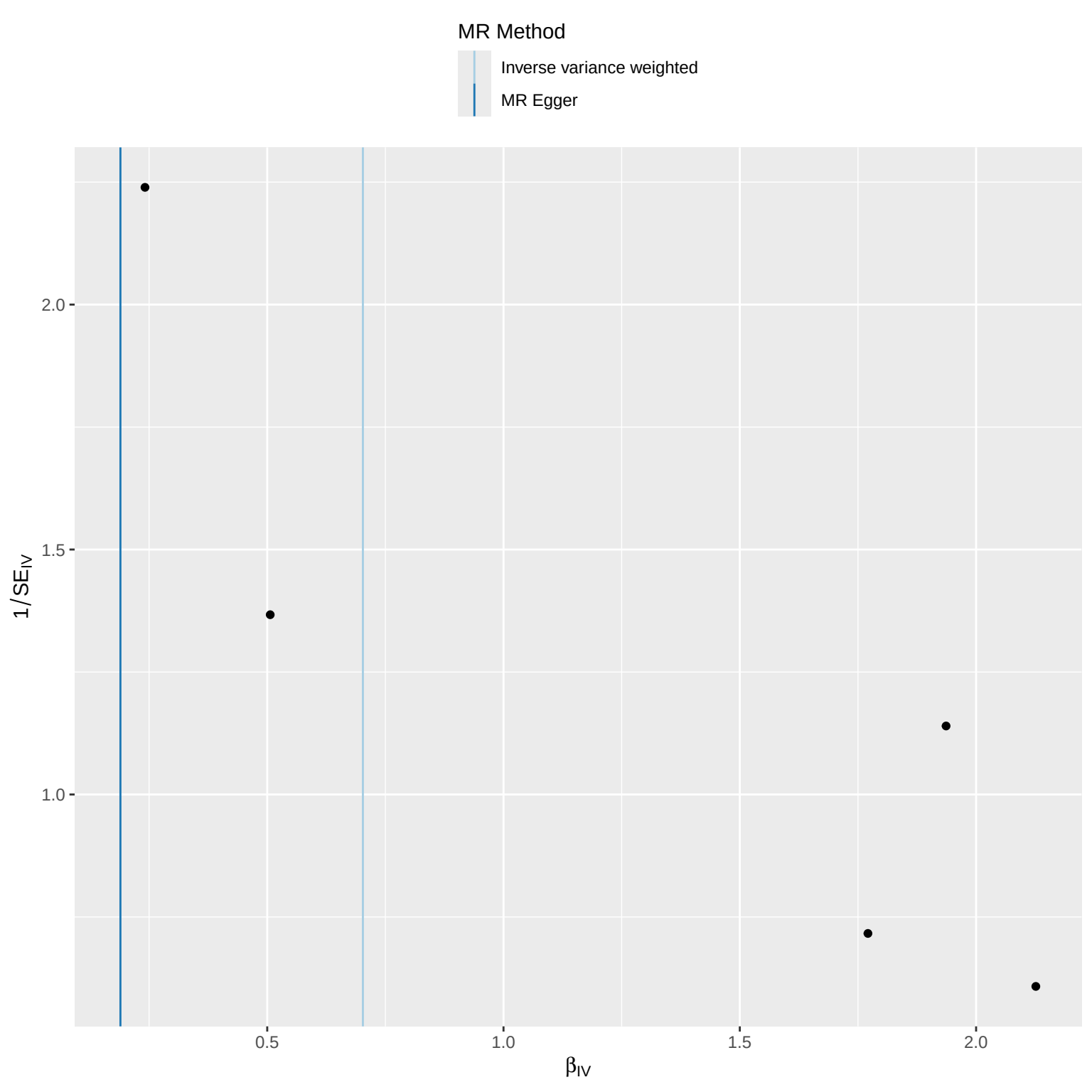

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

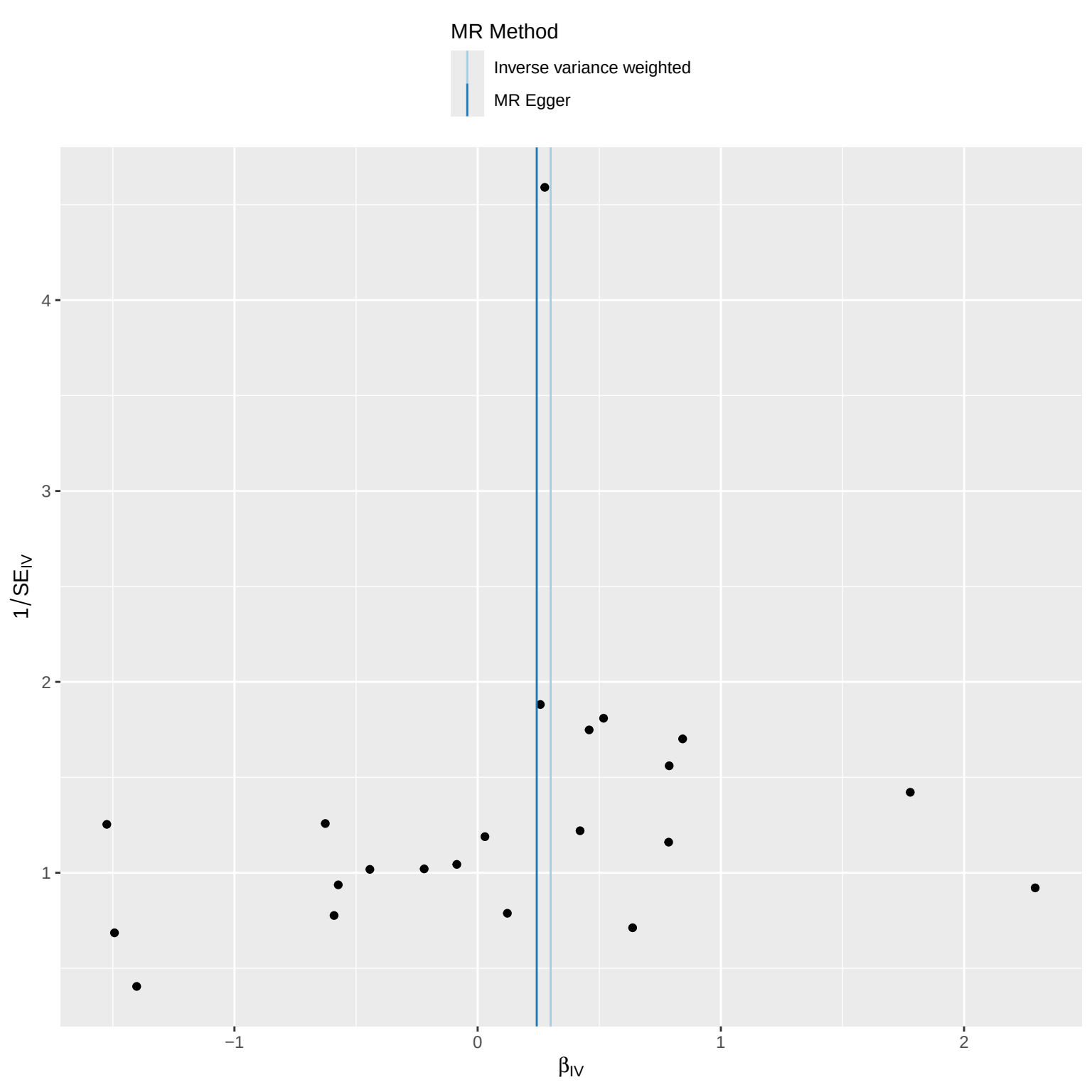

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2
−1
0
1
β_IV

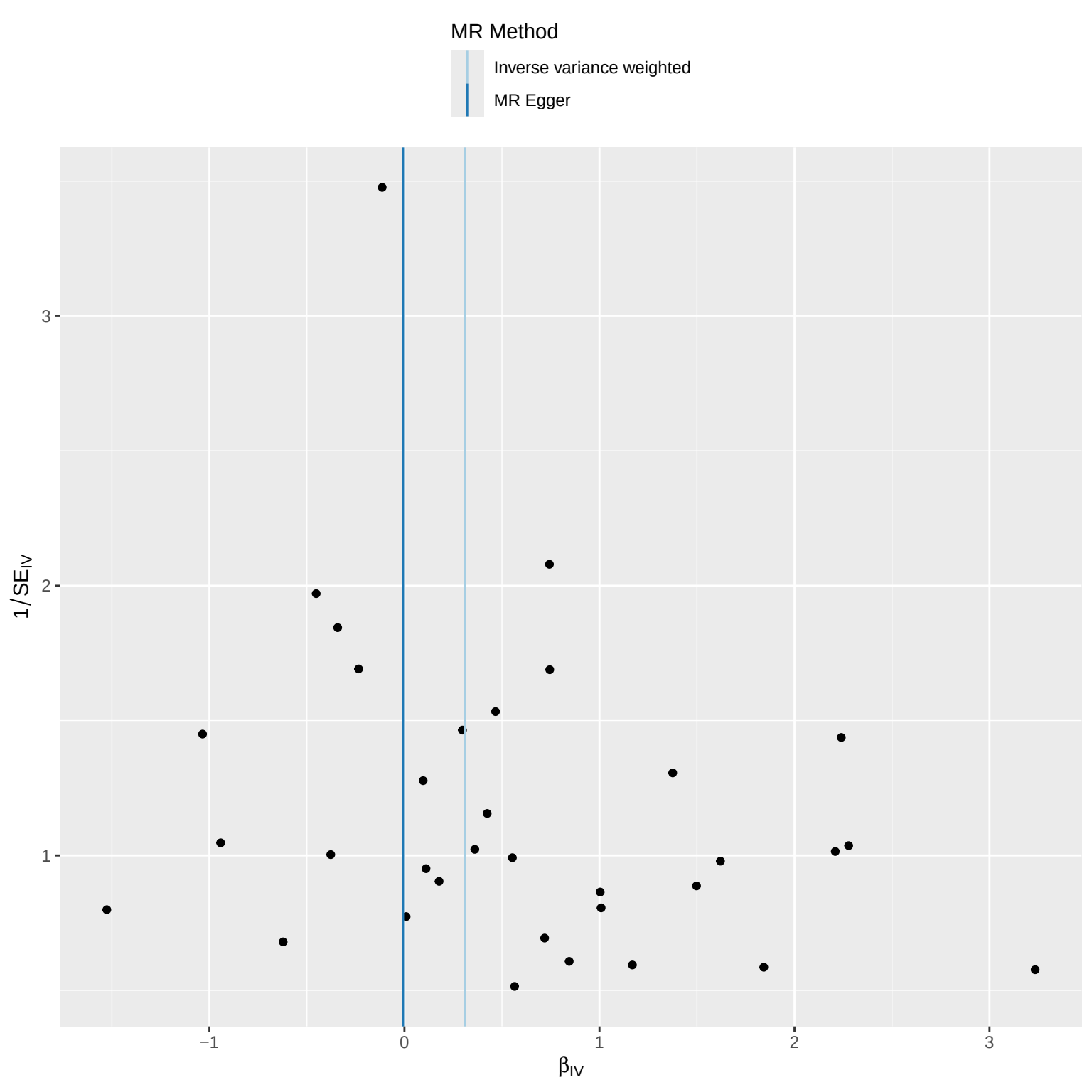

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

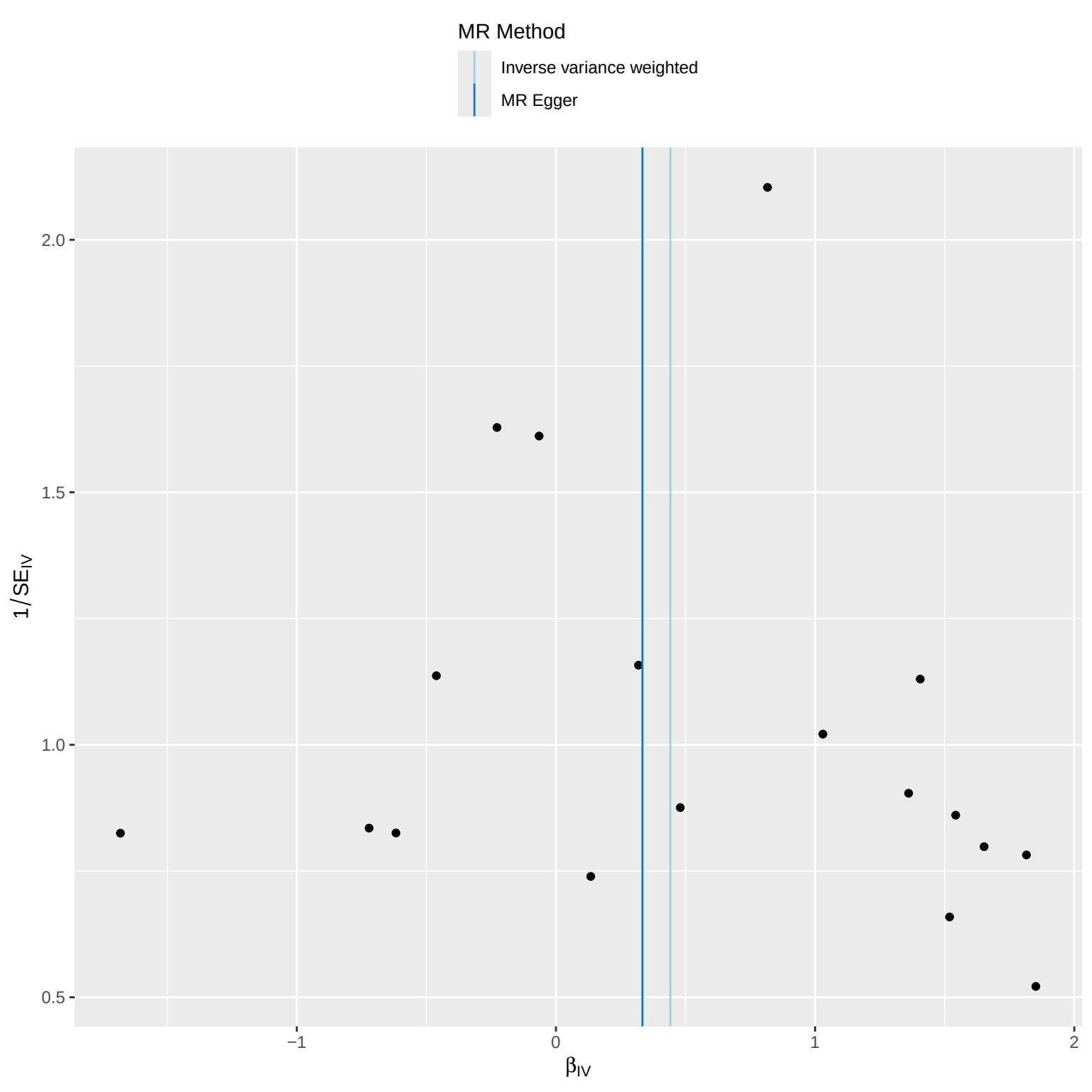

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0
1
2
3
β_IV

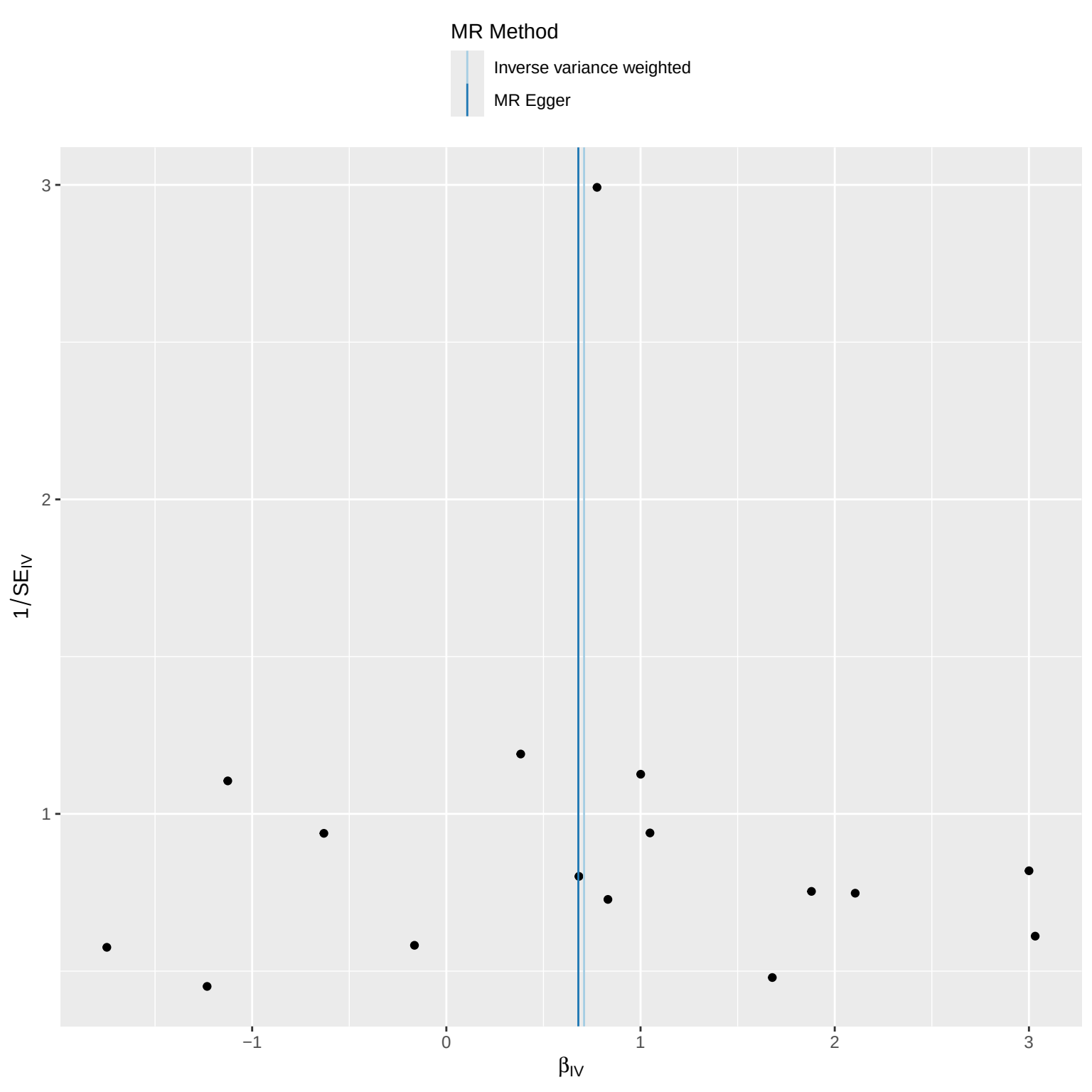

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

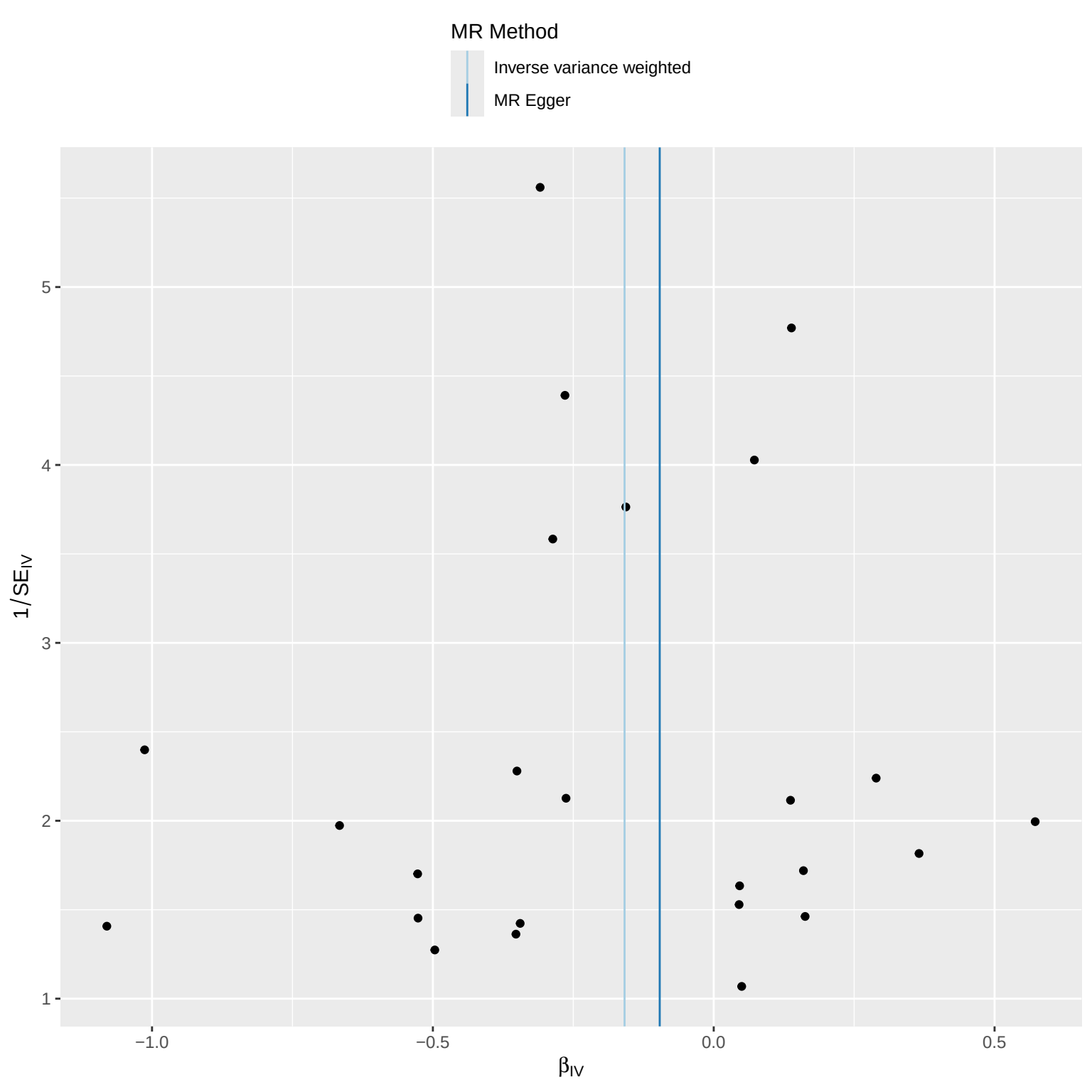

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

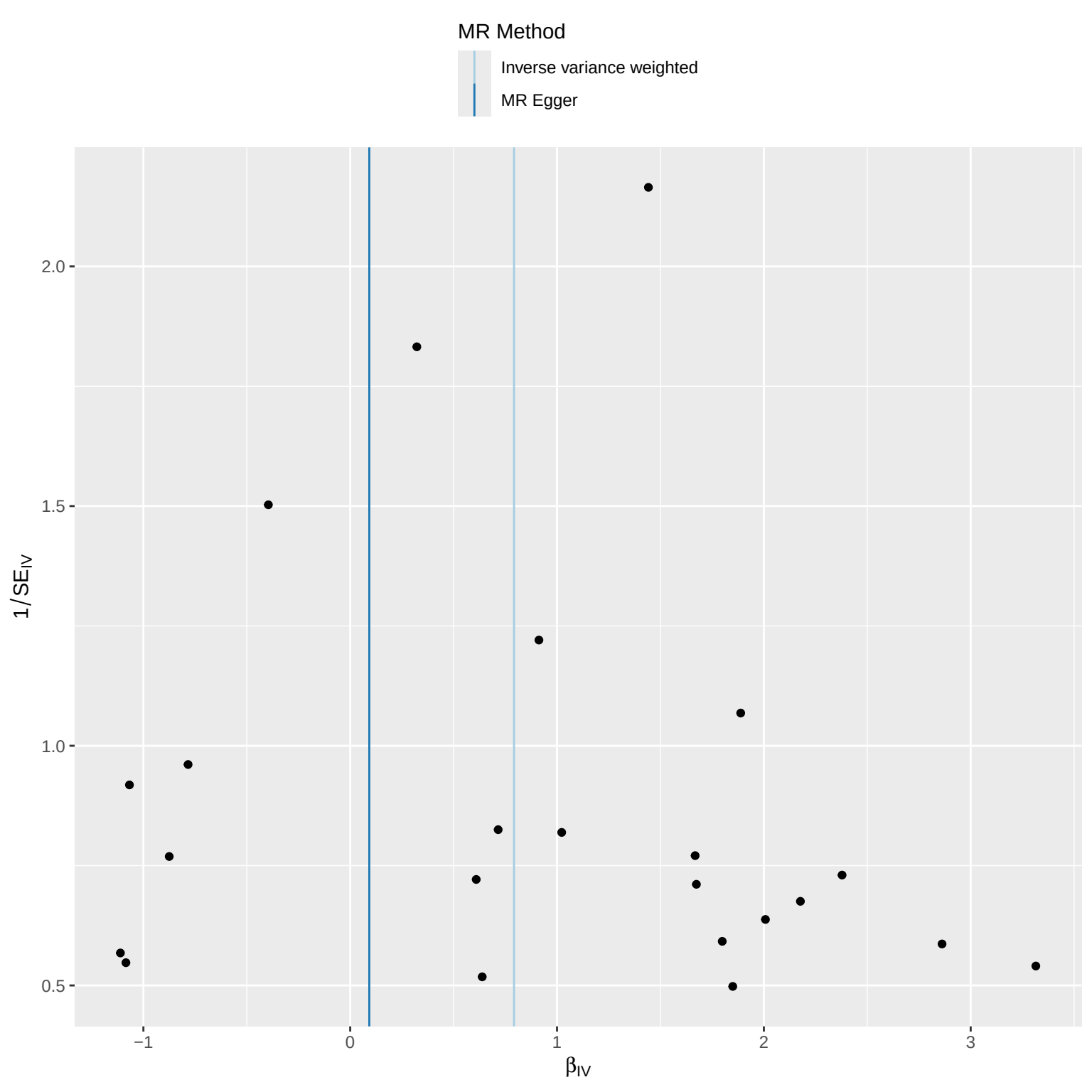

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

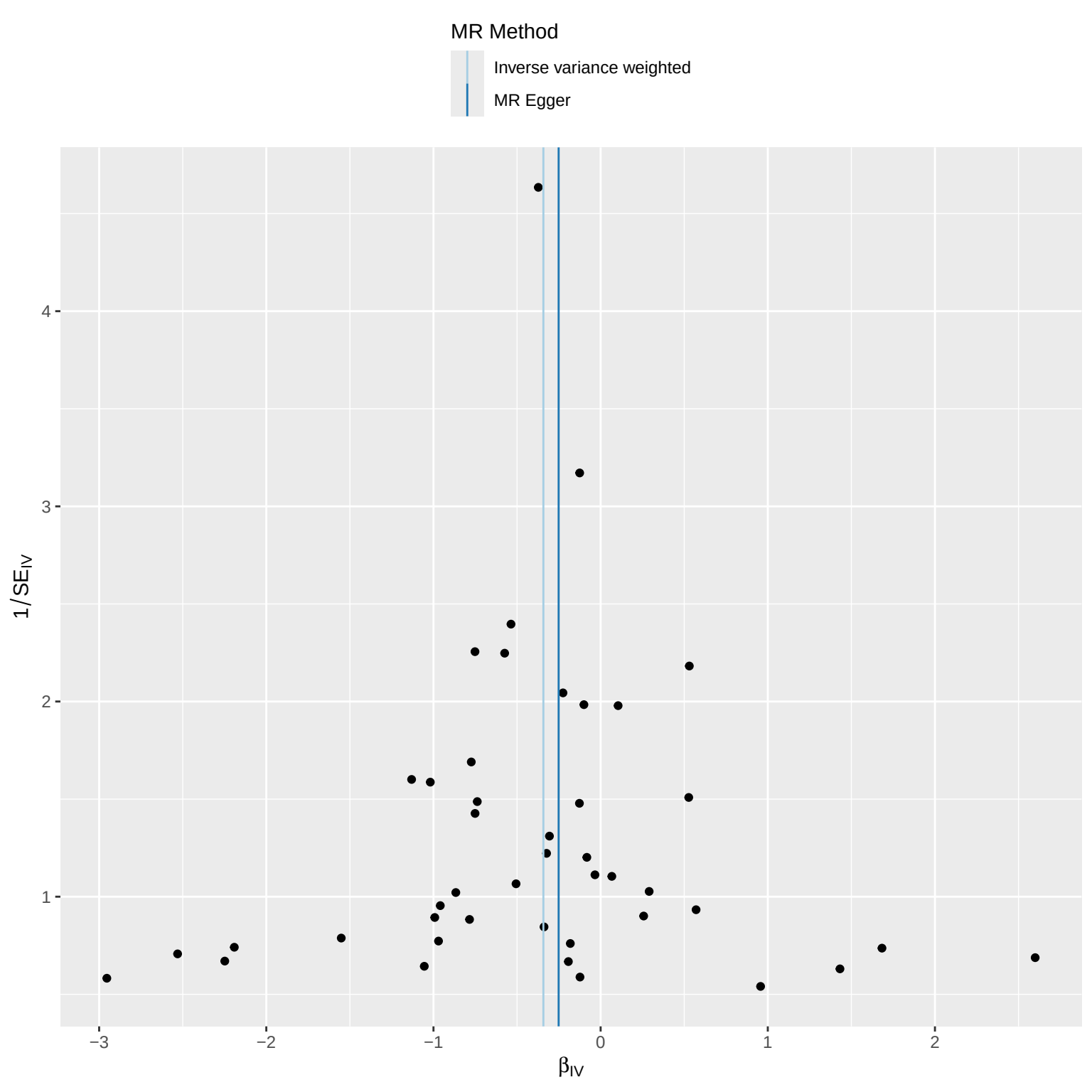

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

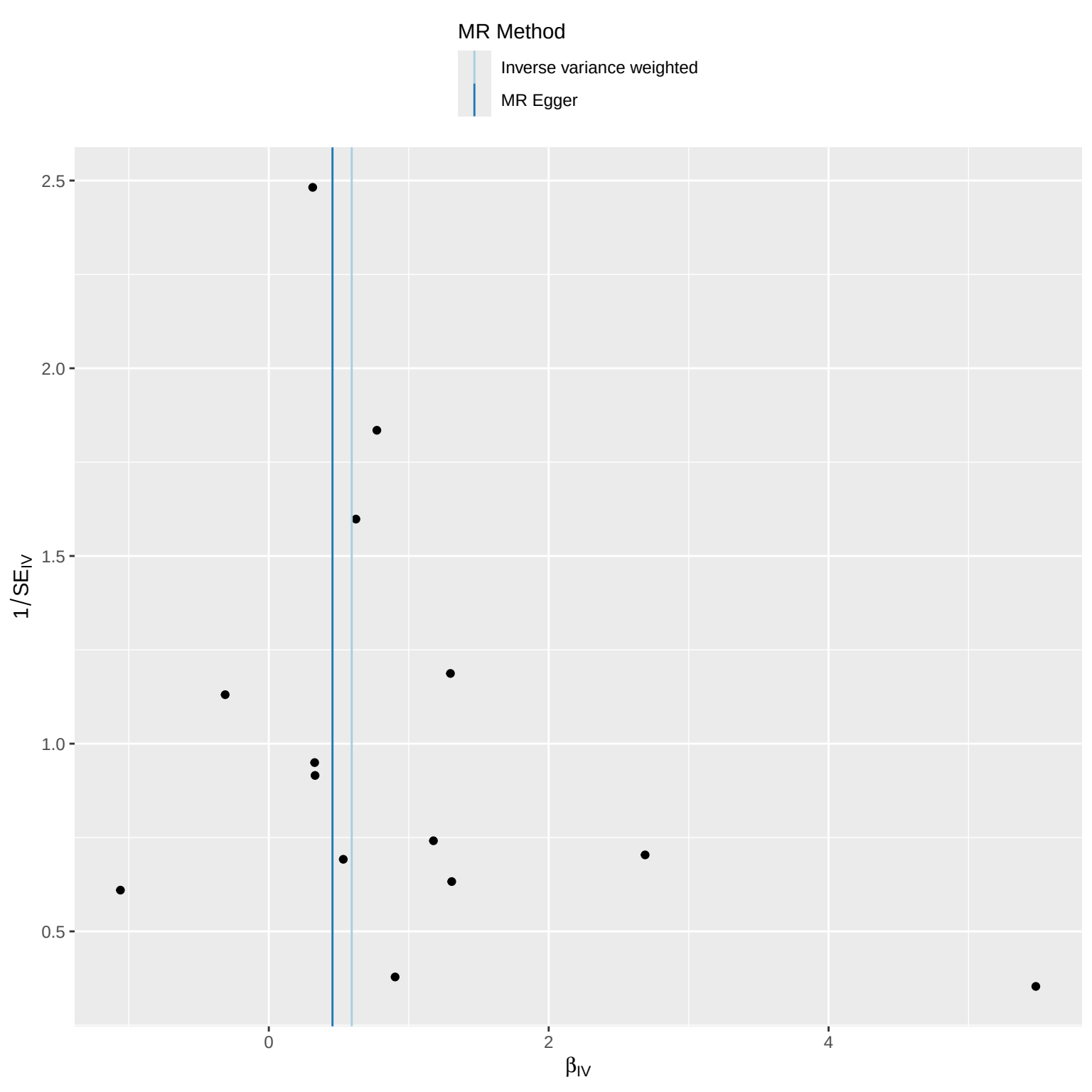

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

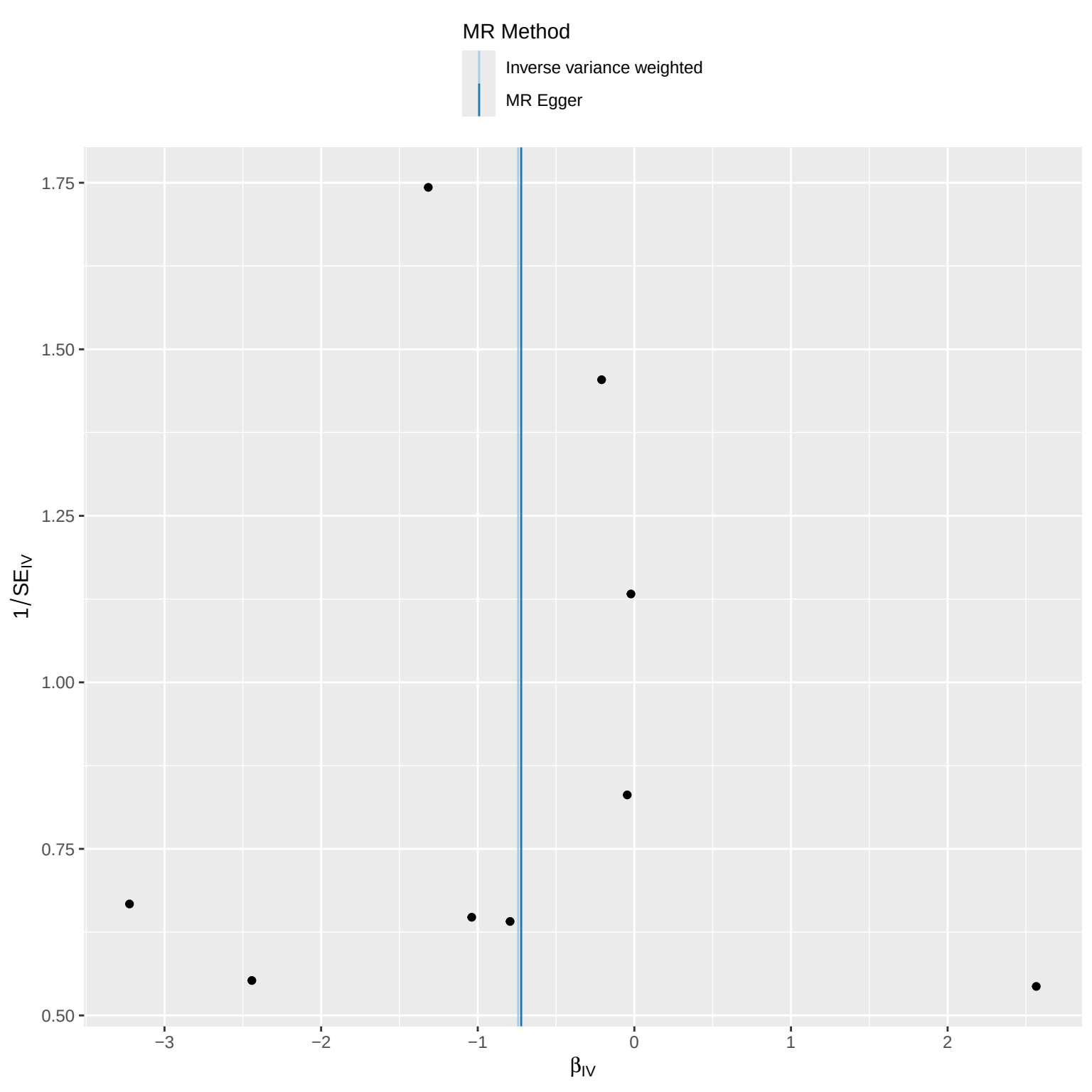

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

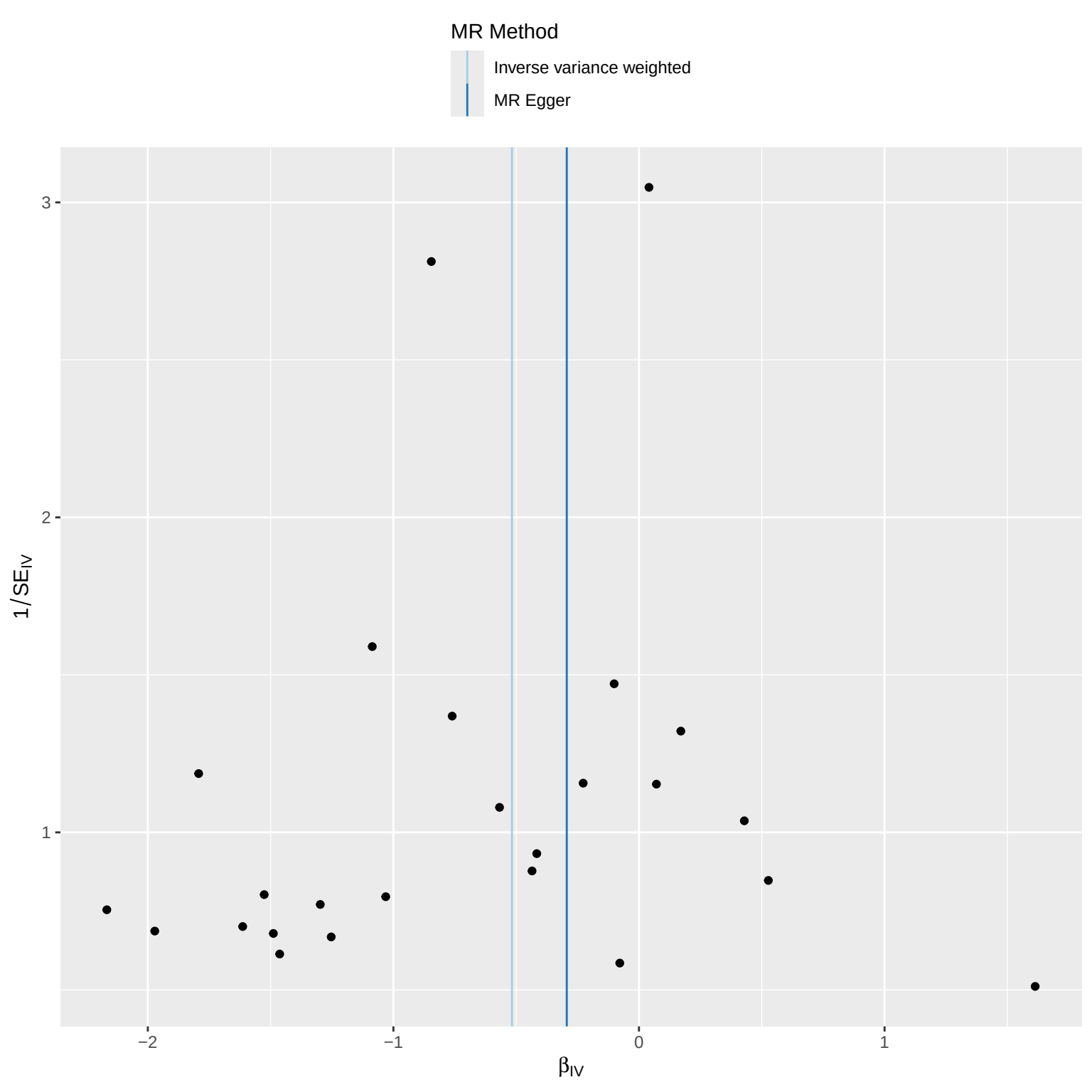

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1.0
−0.5
0.0
0.5
β_IV

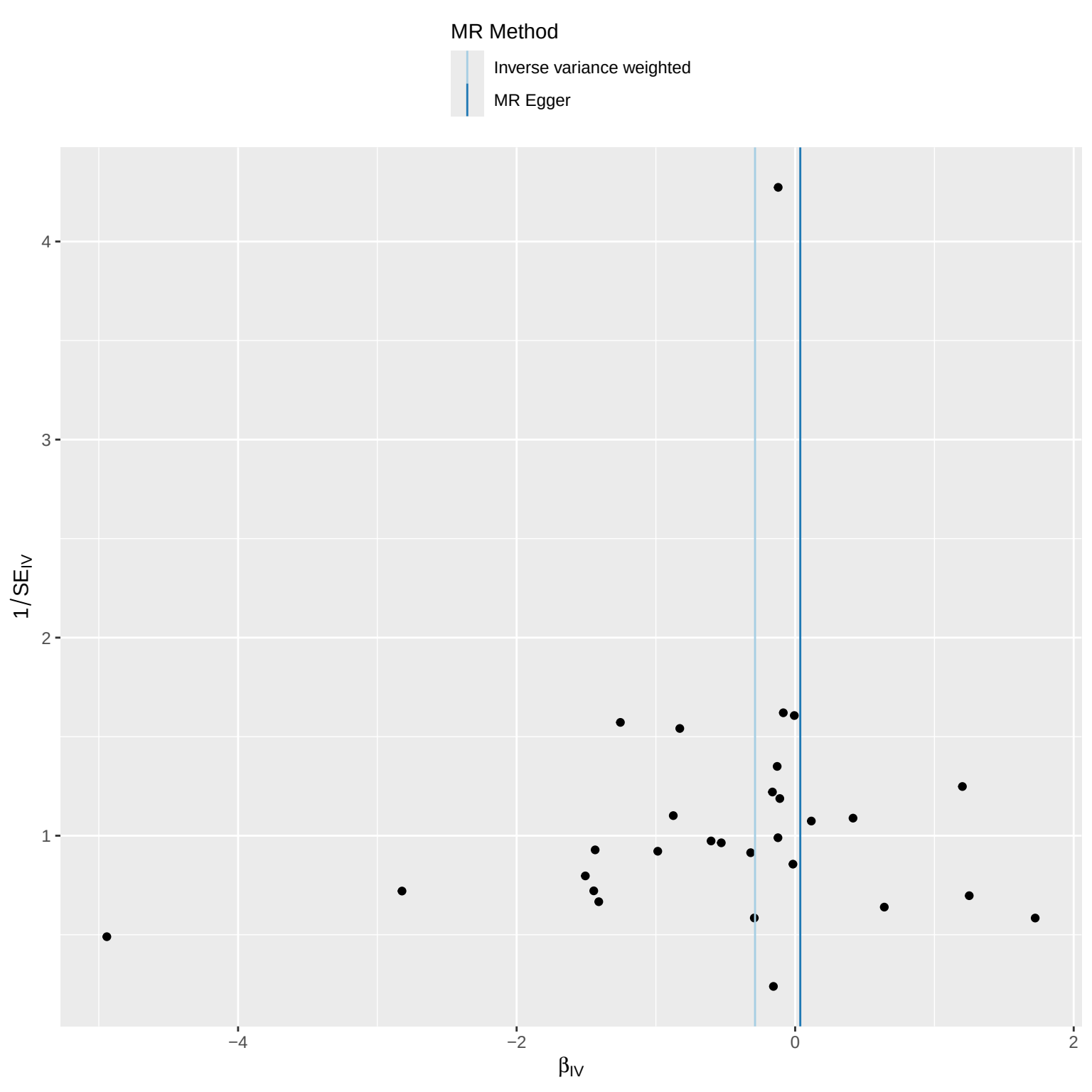

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

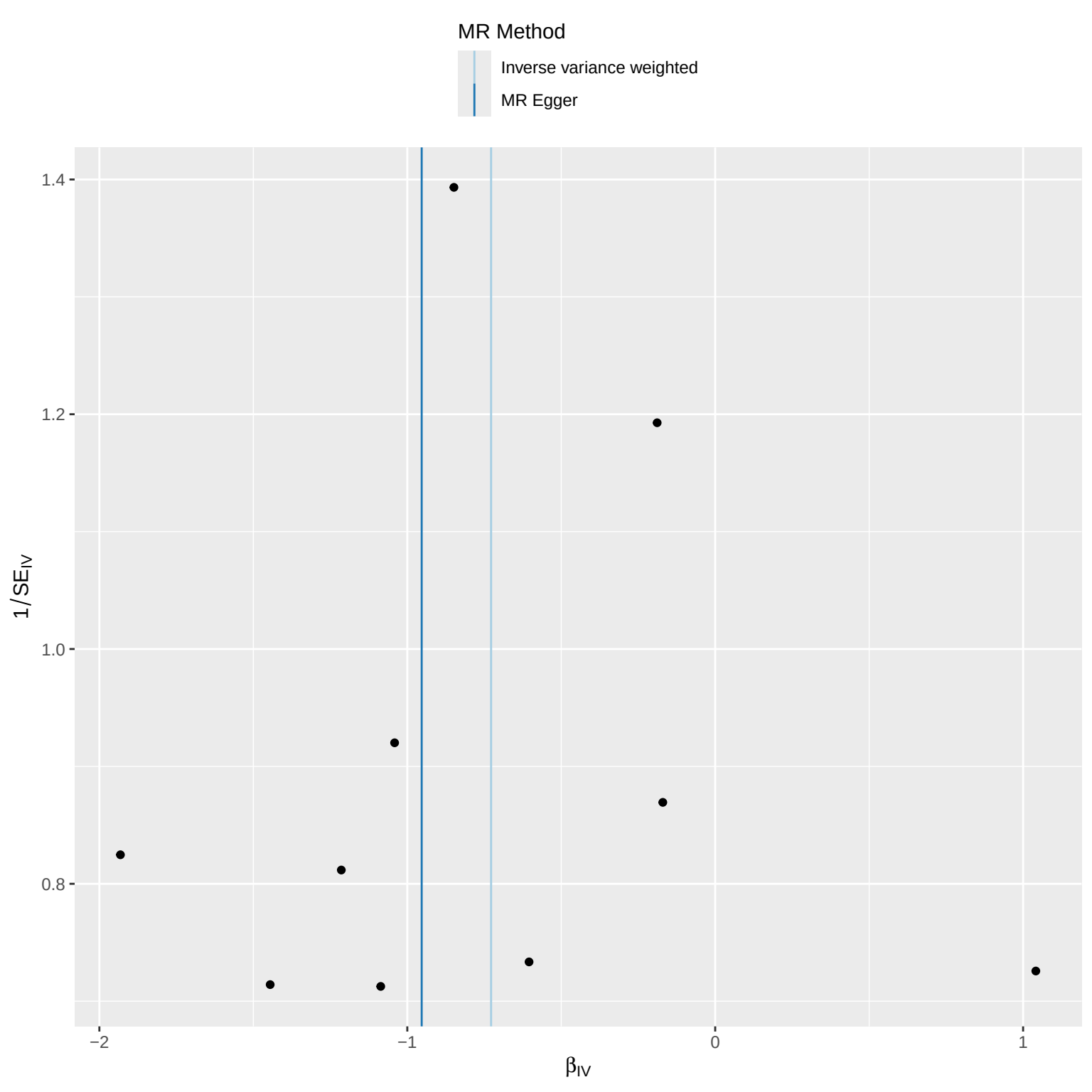

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

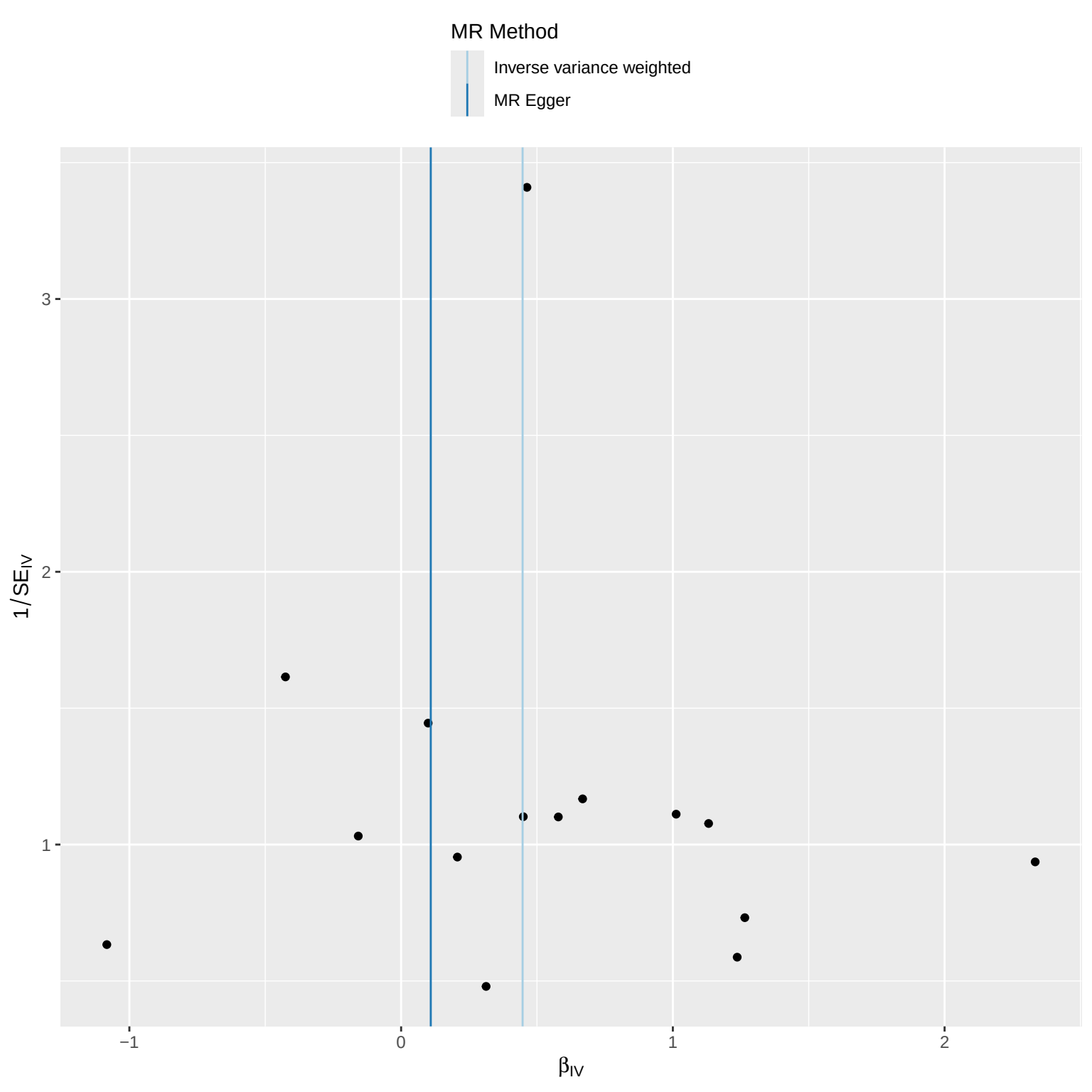

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

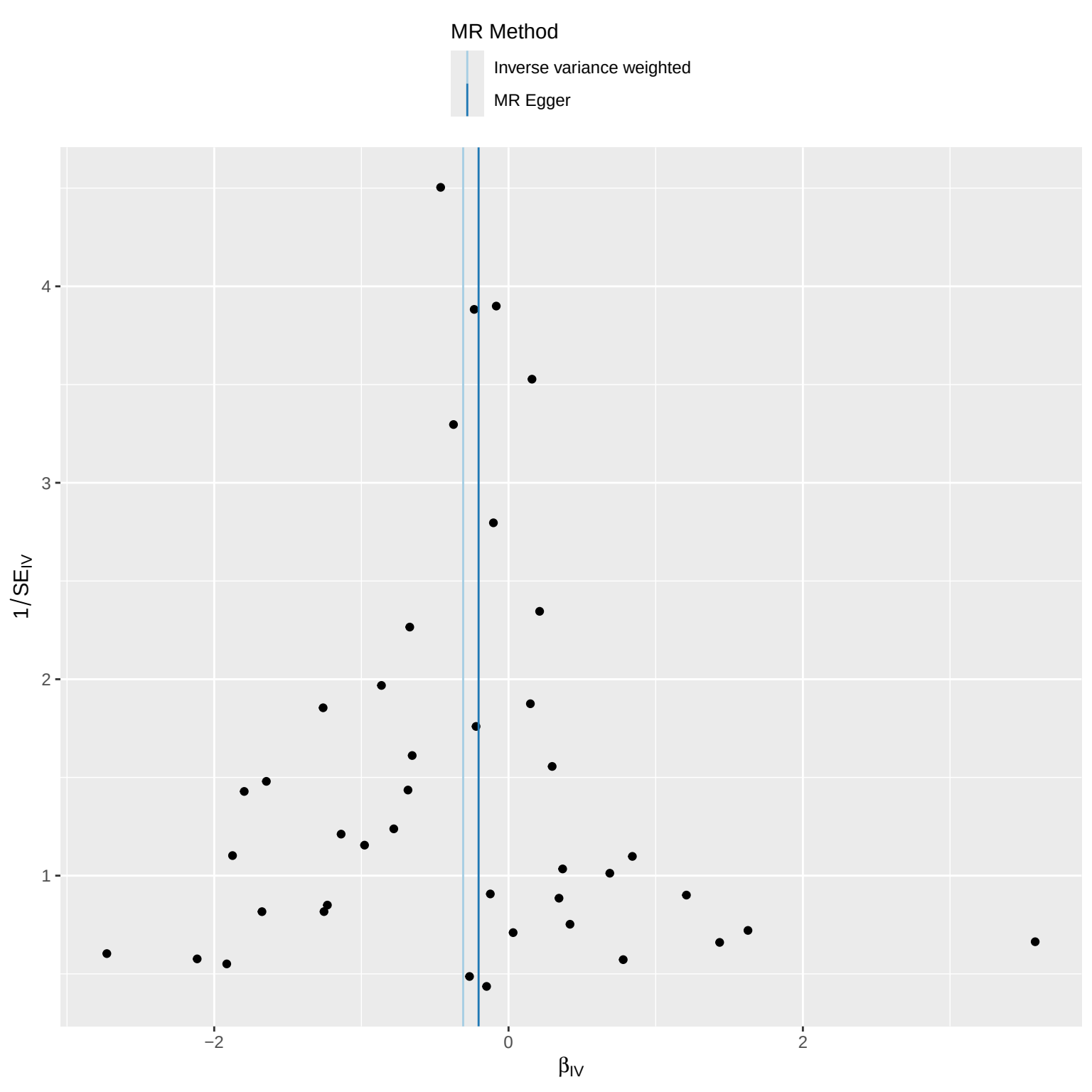

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
2
β_IV

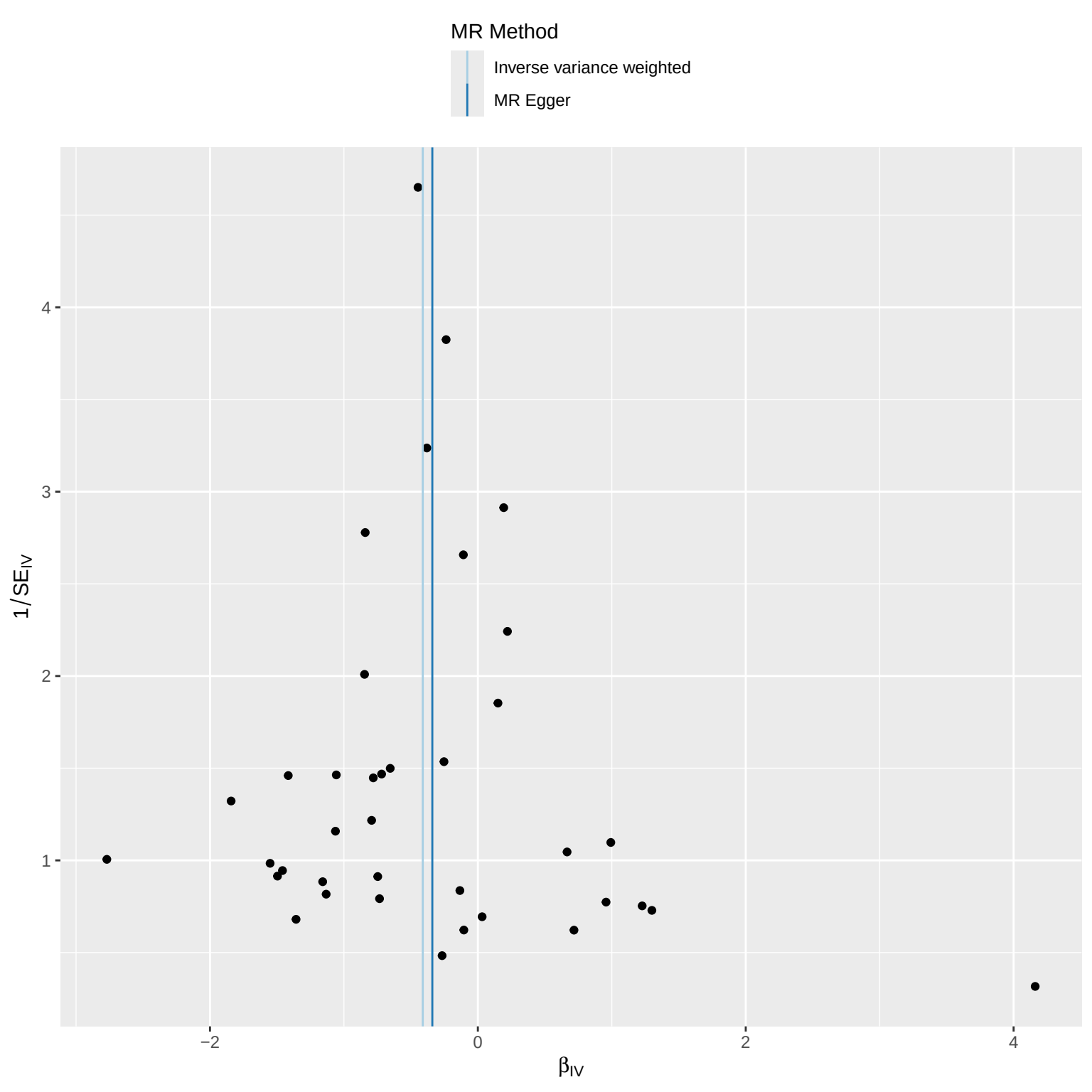

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

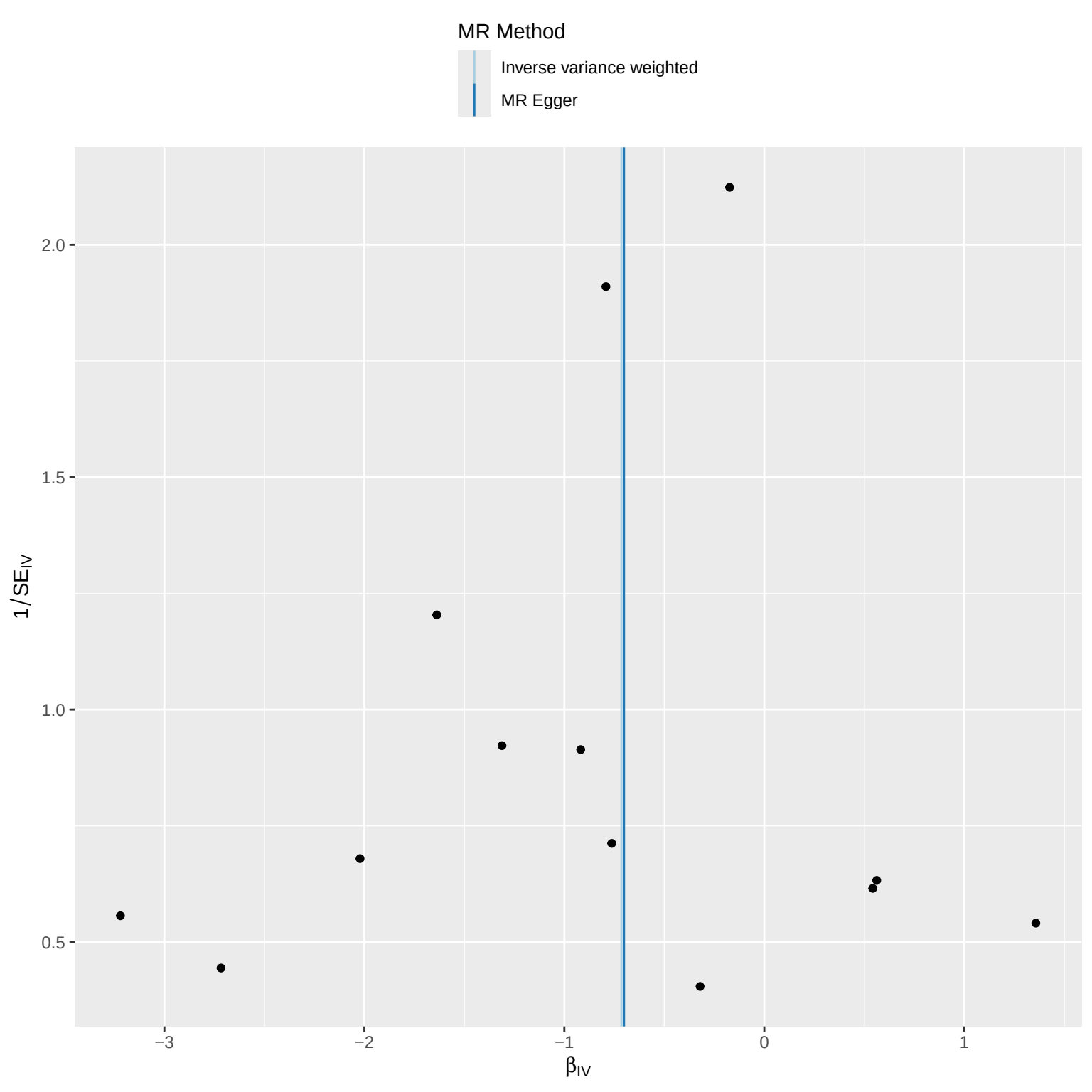

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

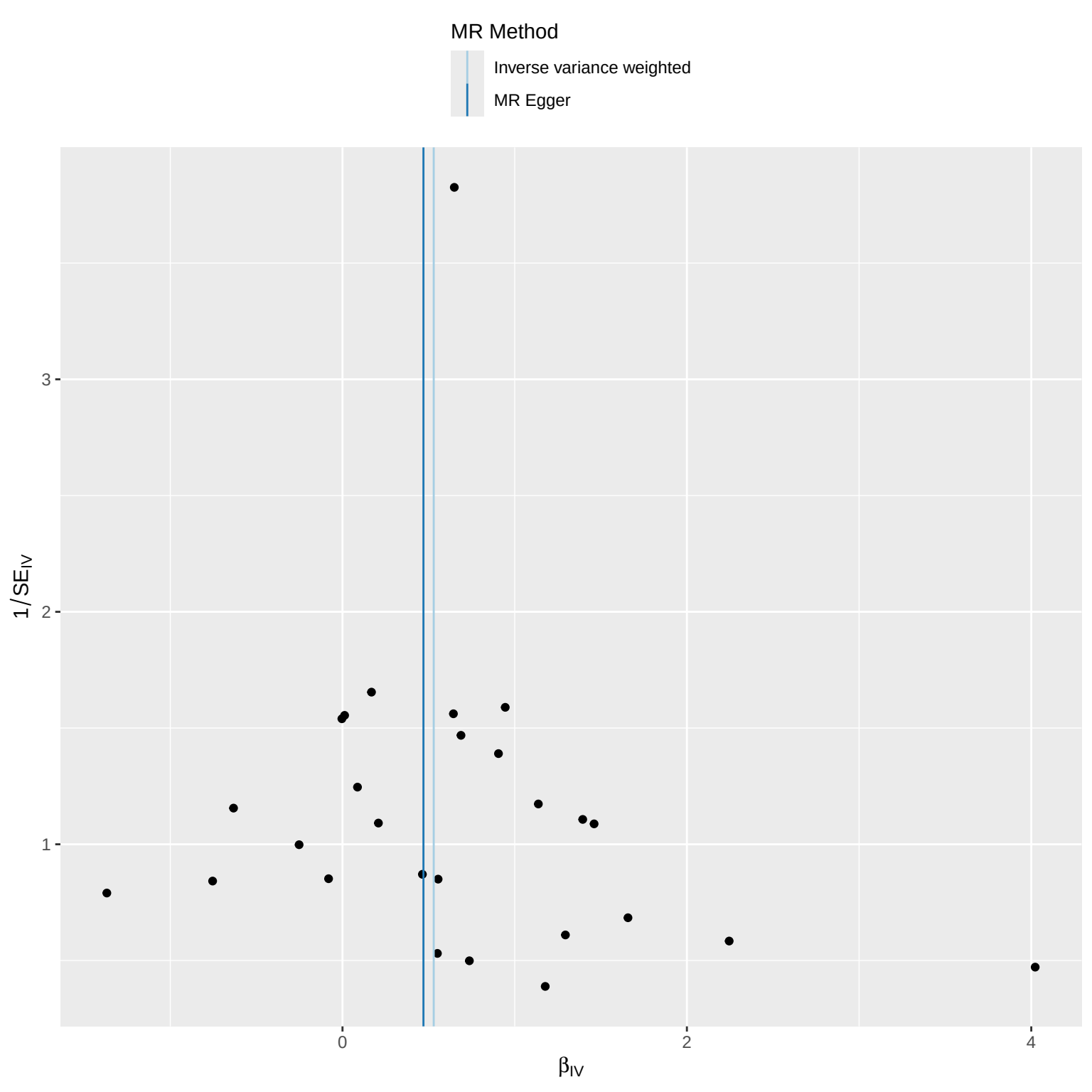

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
−2
−1
0
1
β_IV

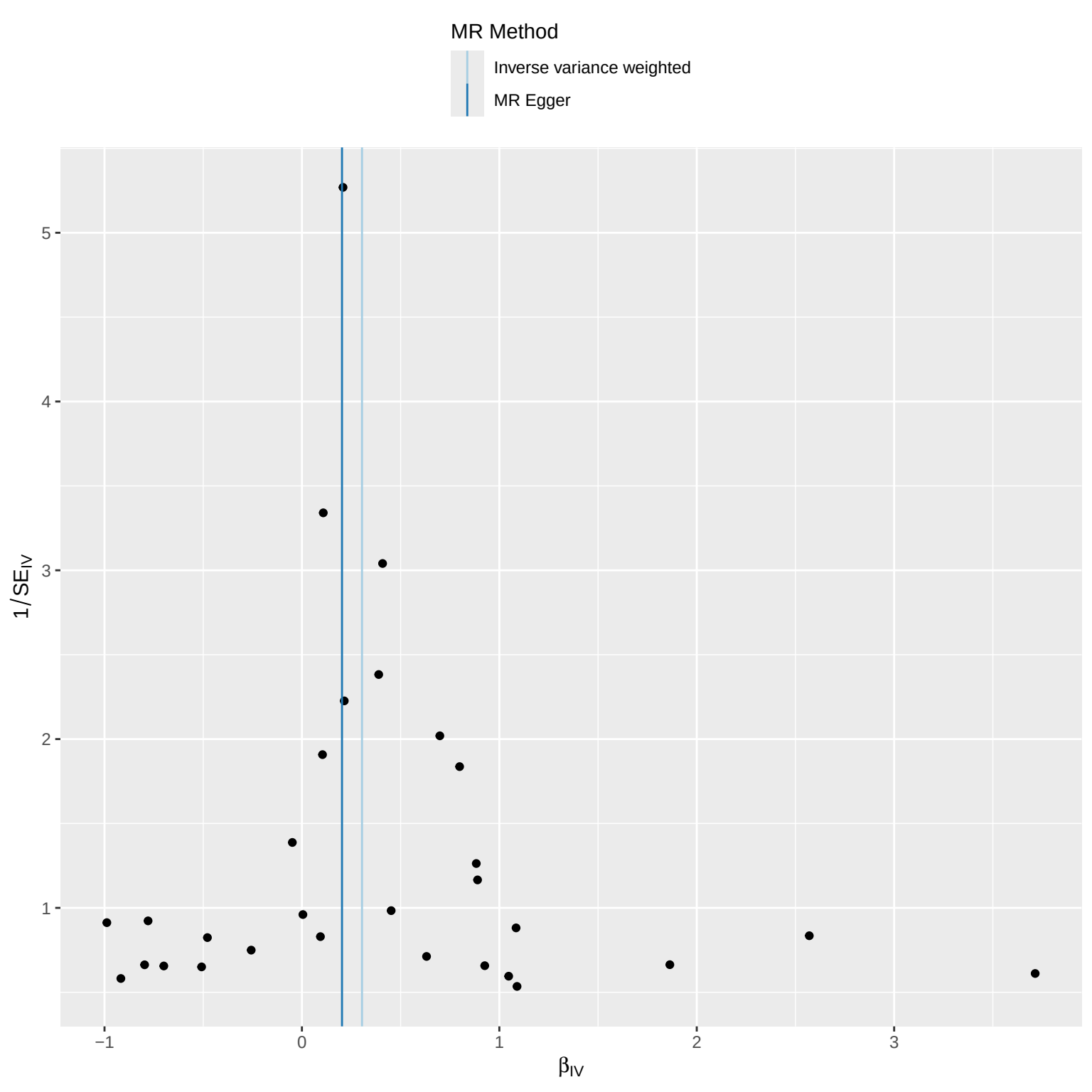

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

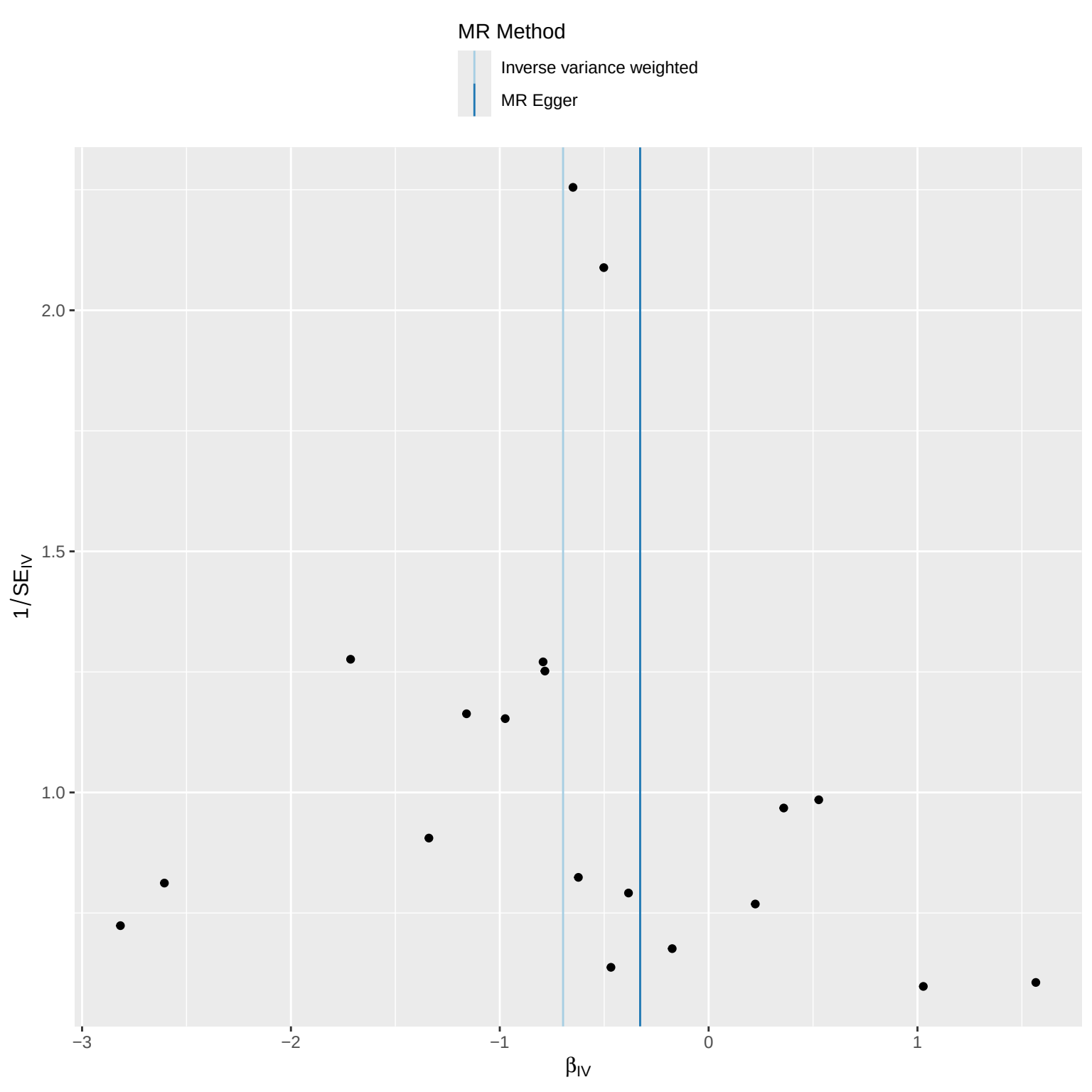

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

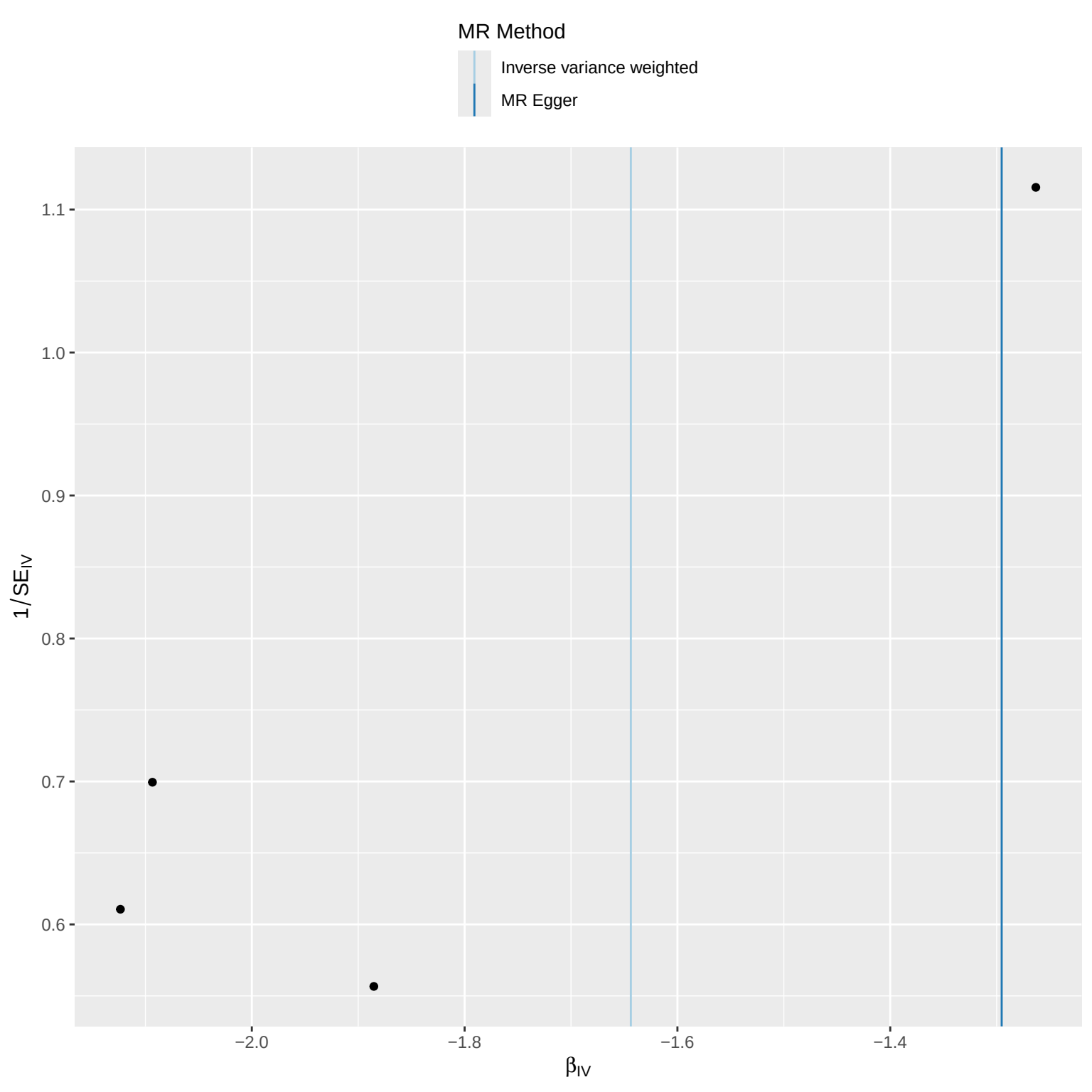

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

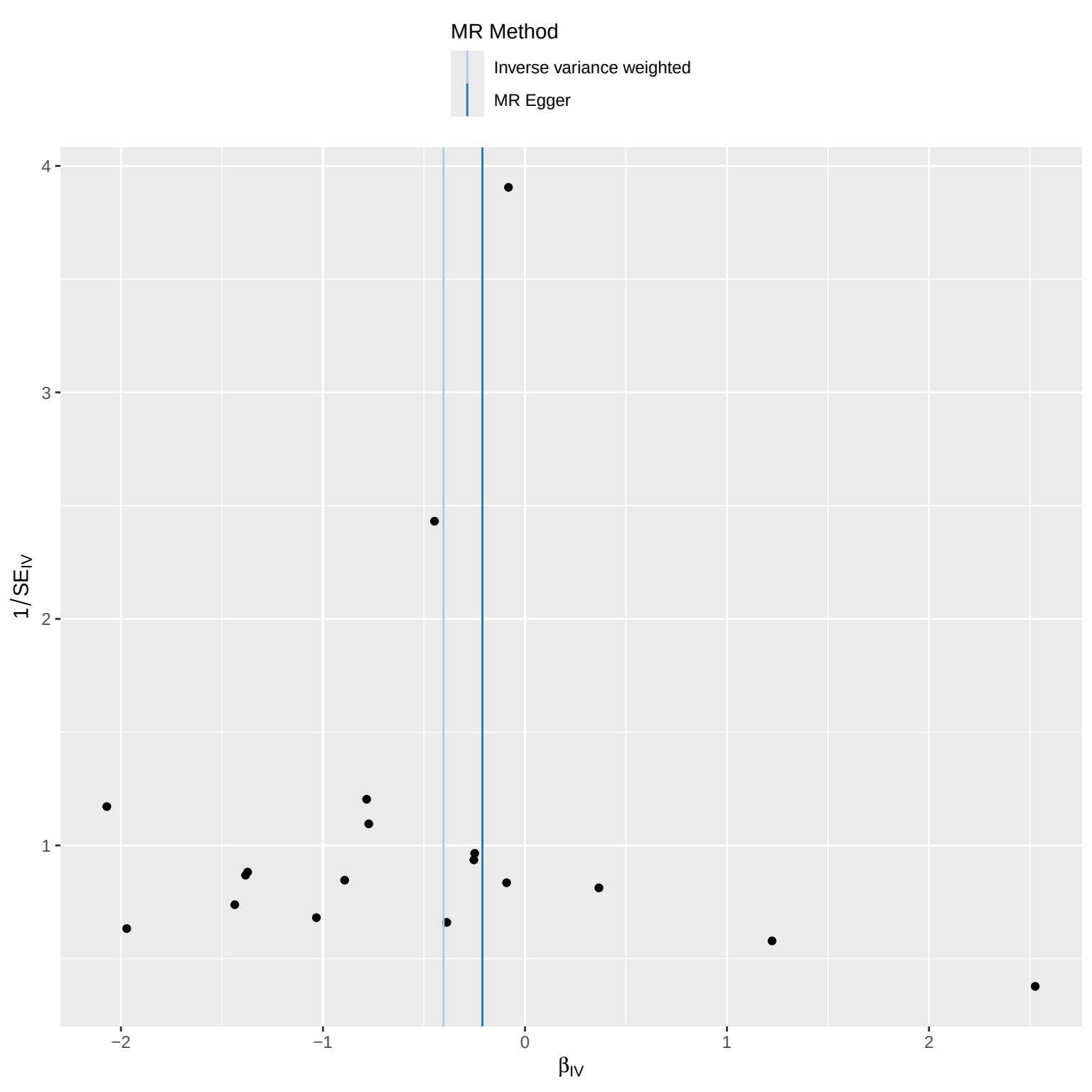

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

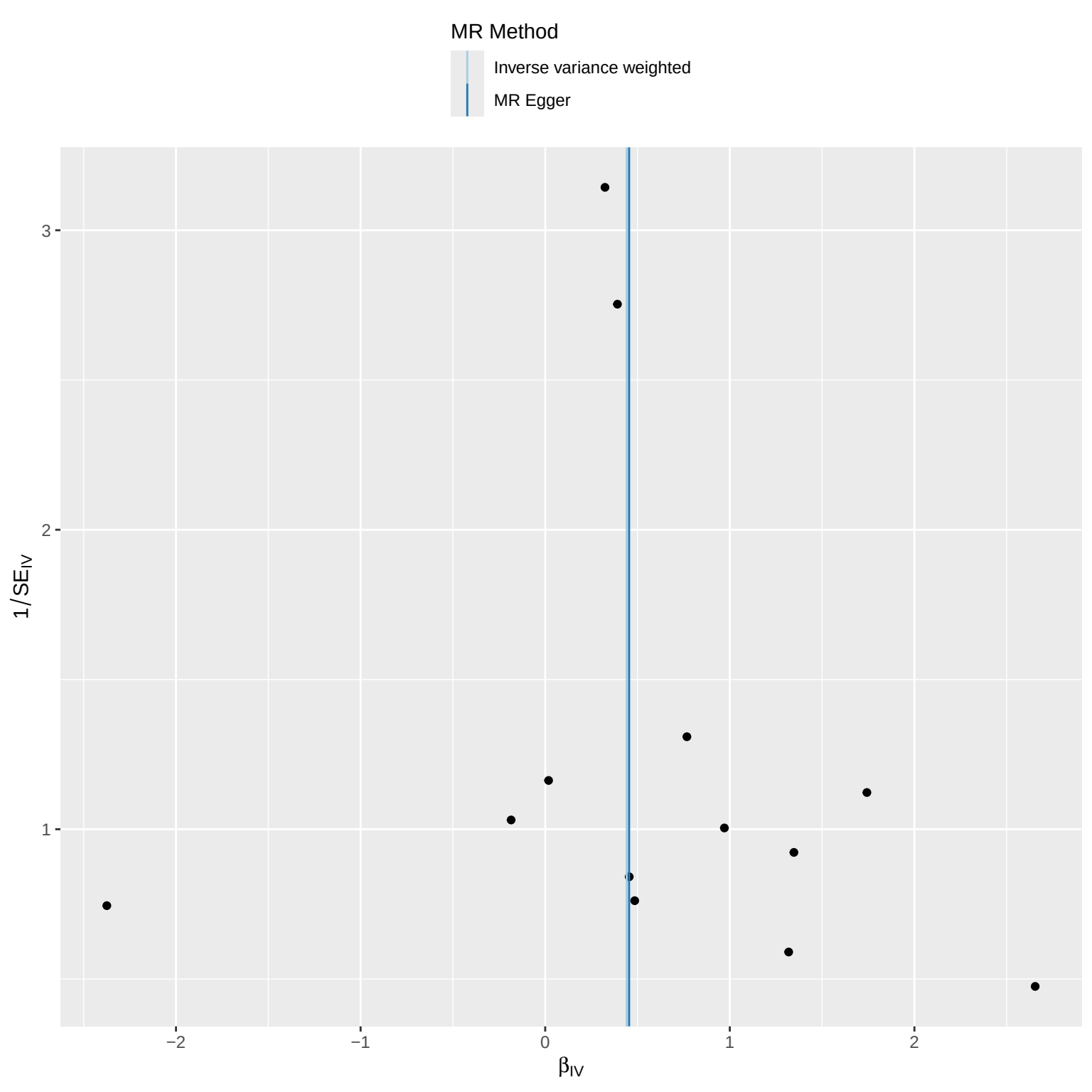

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
2
4
1/SE_IV
β_IV

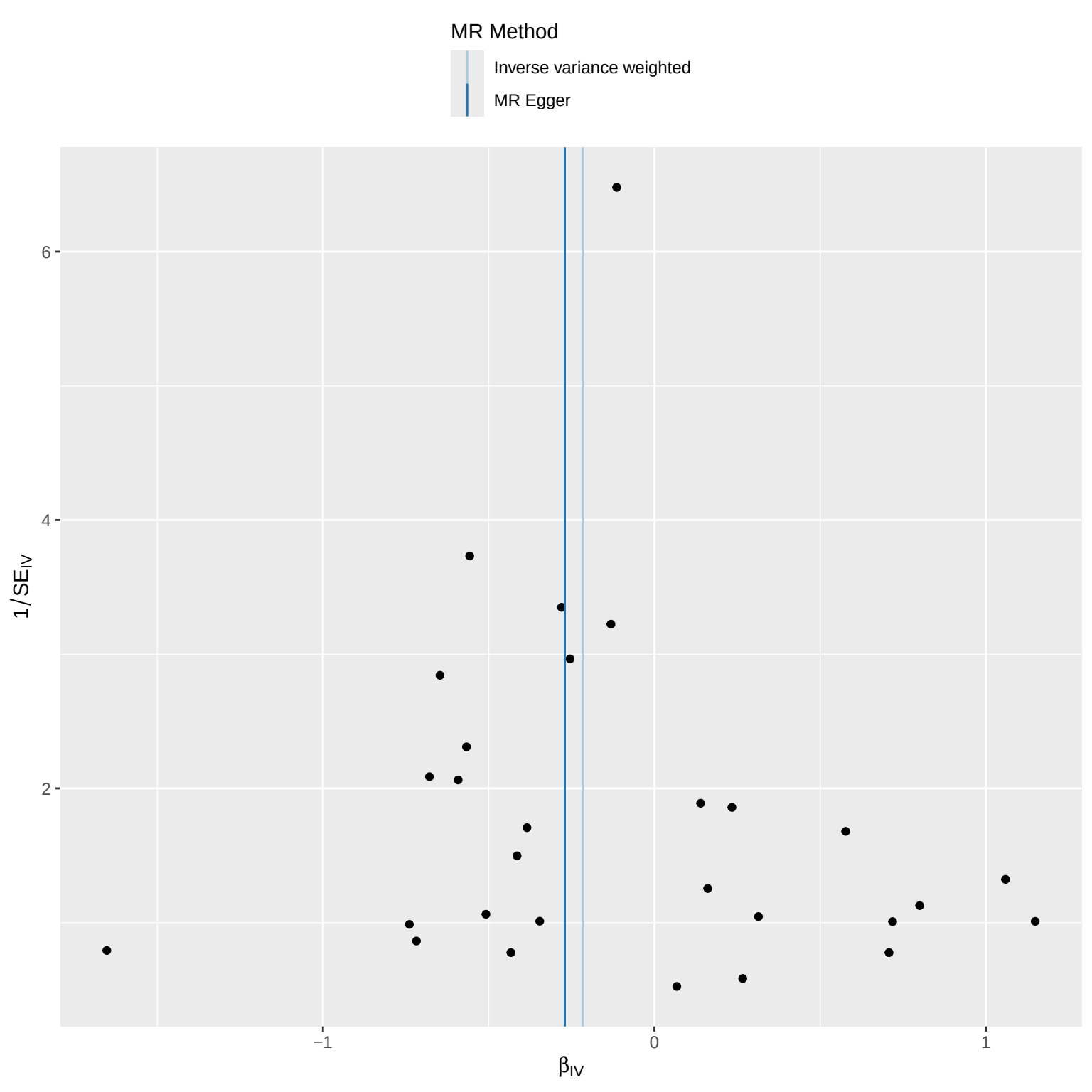

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

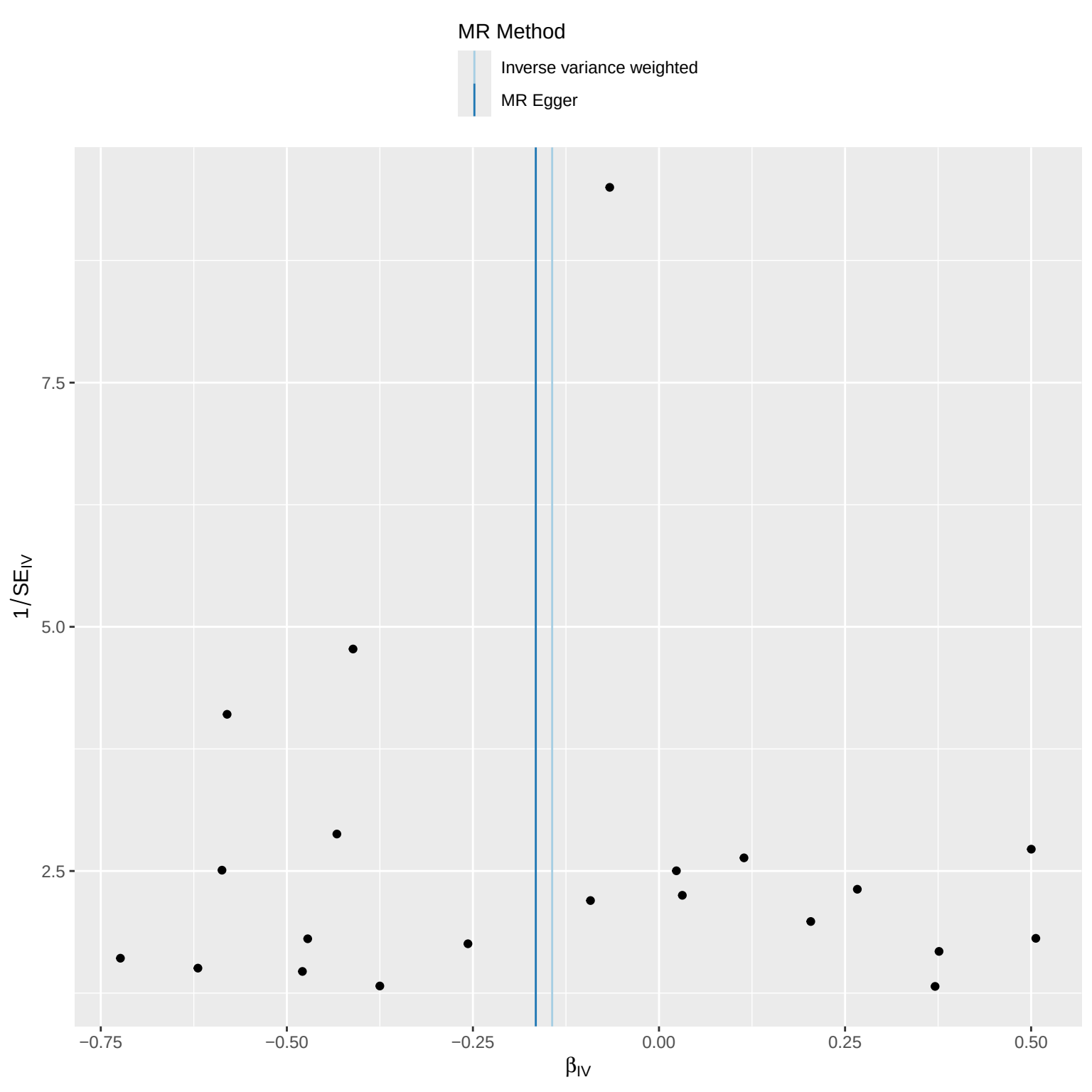

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
β_IV

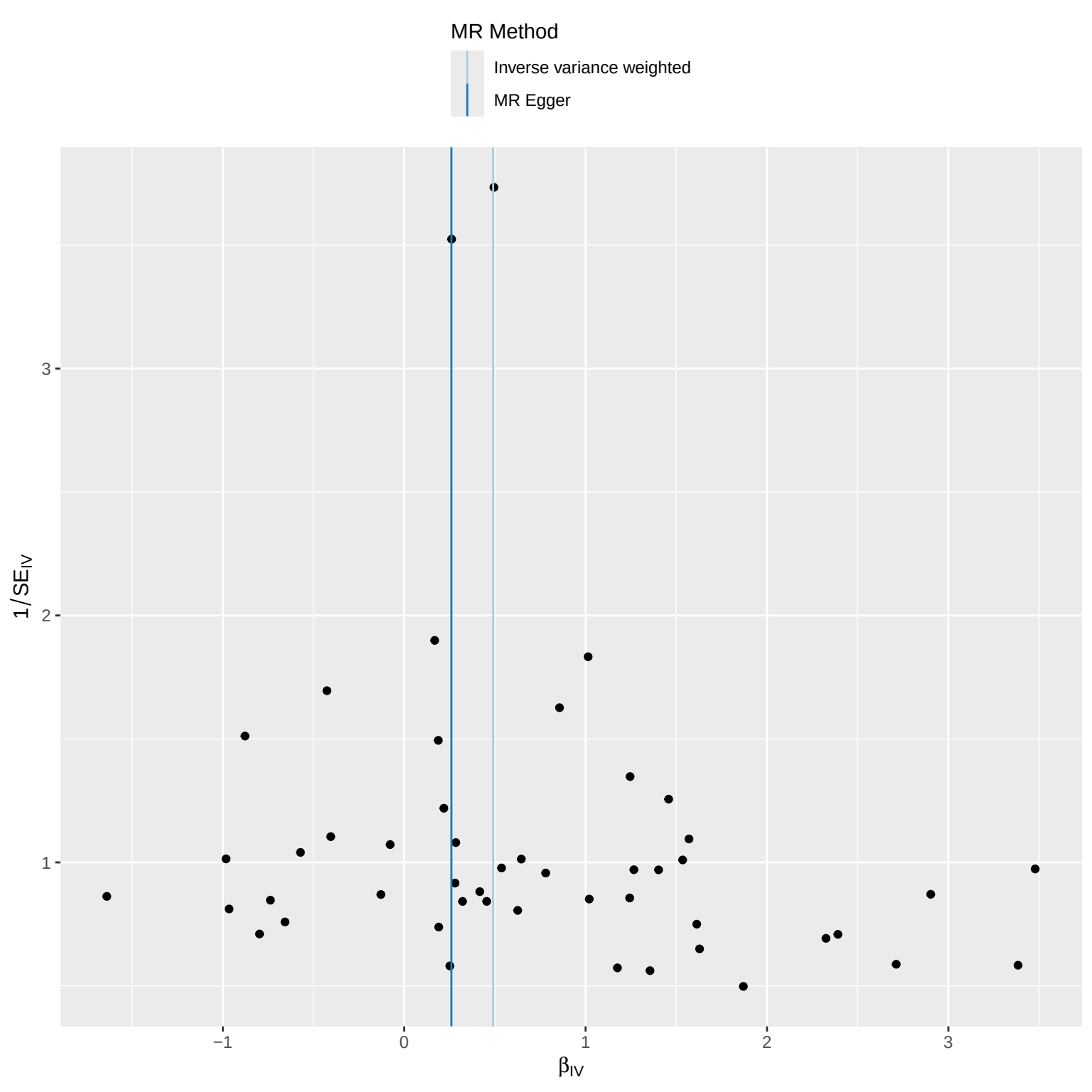

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
0.6
1/SE_IV
−2.0
−1.8
−1.6
−1.4
β_IV

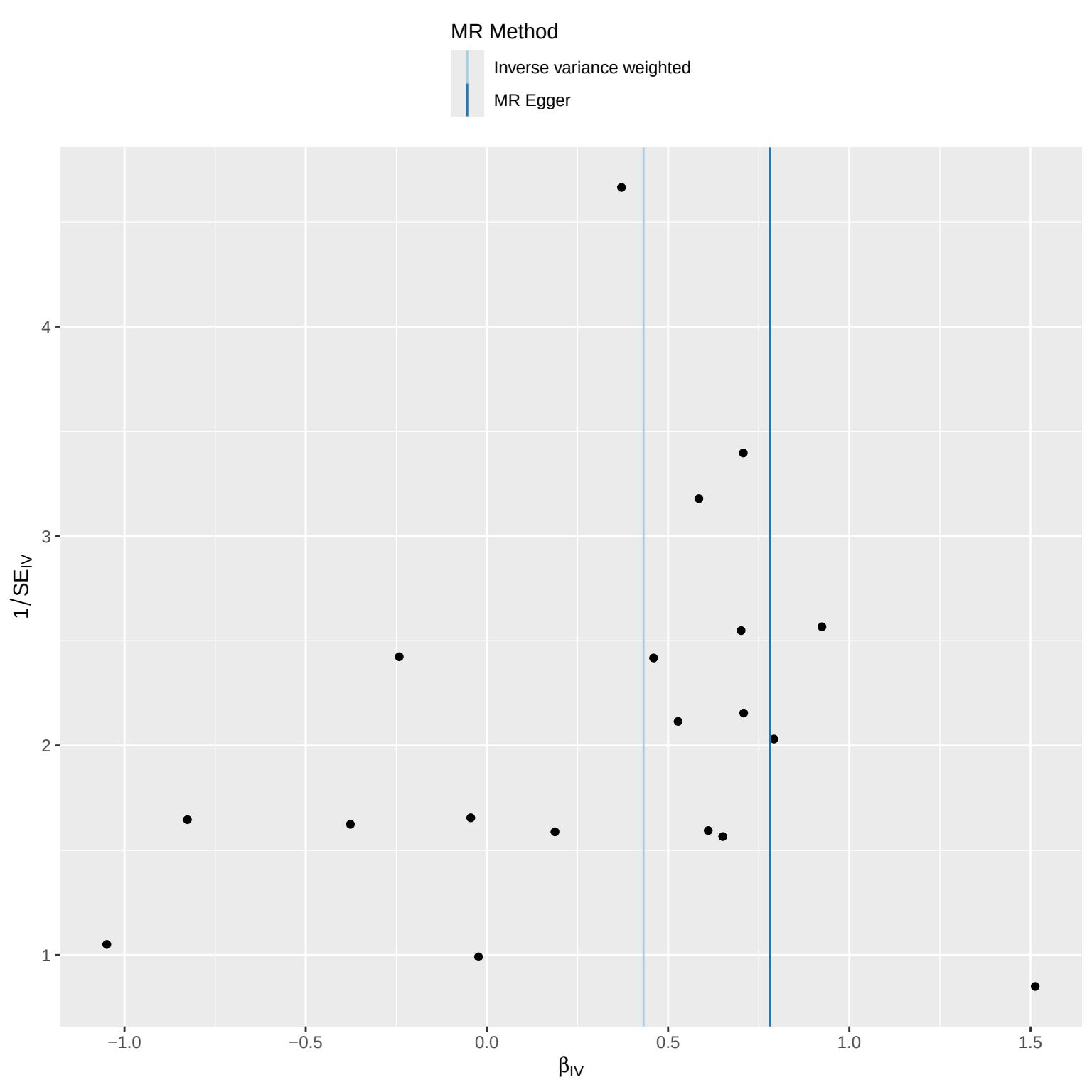

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

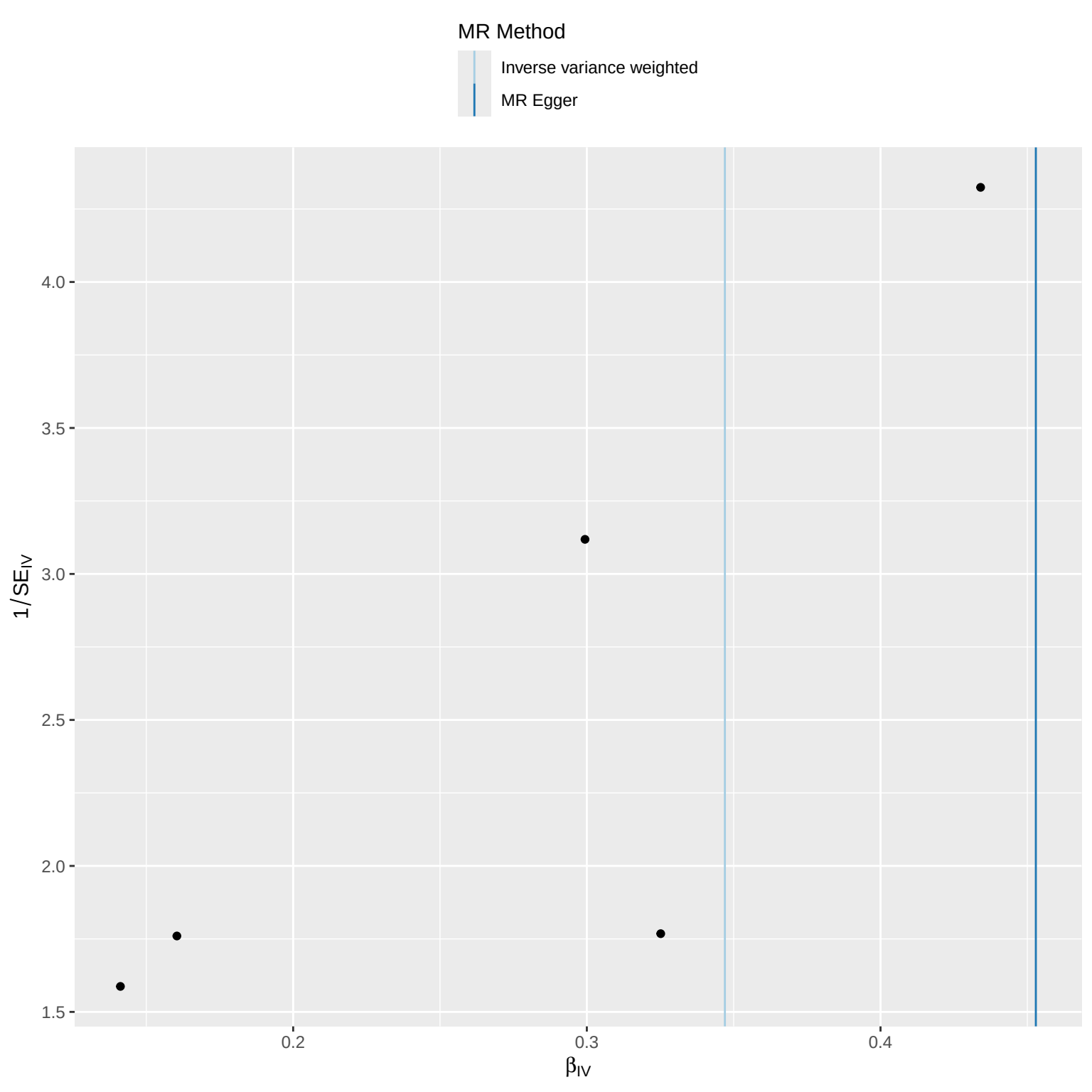

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

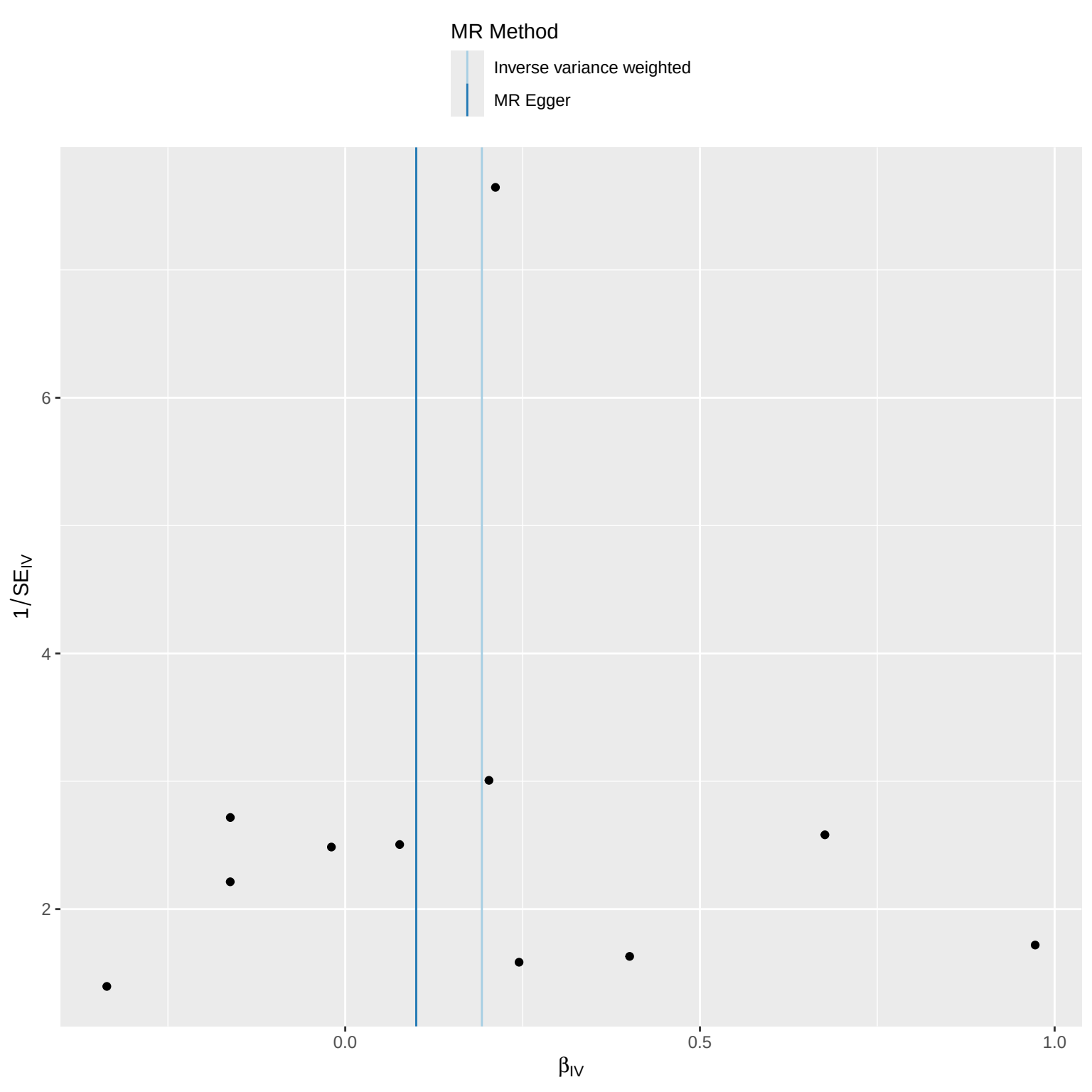

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

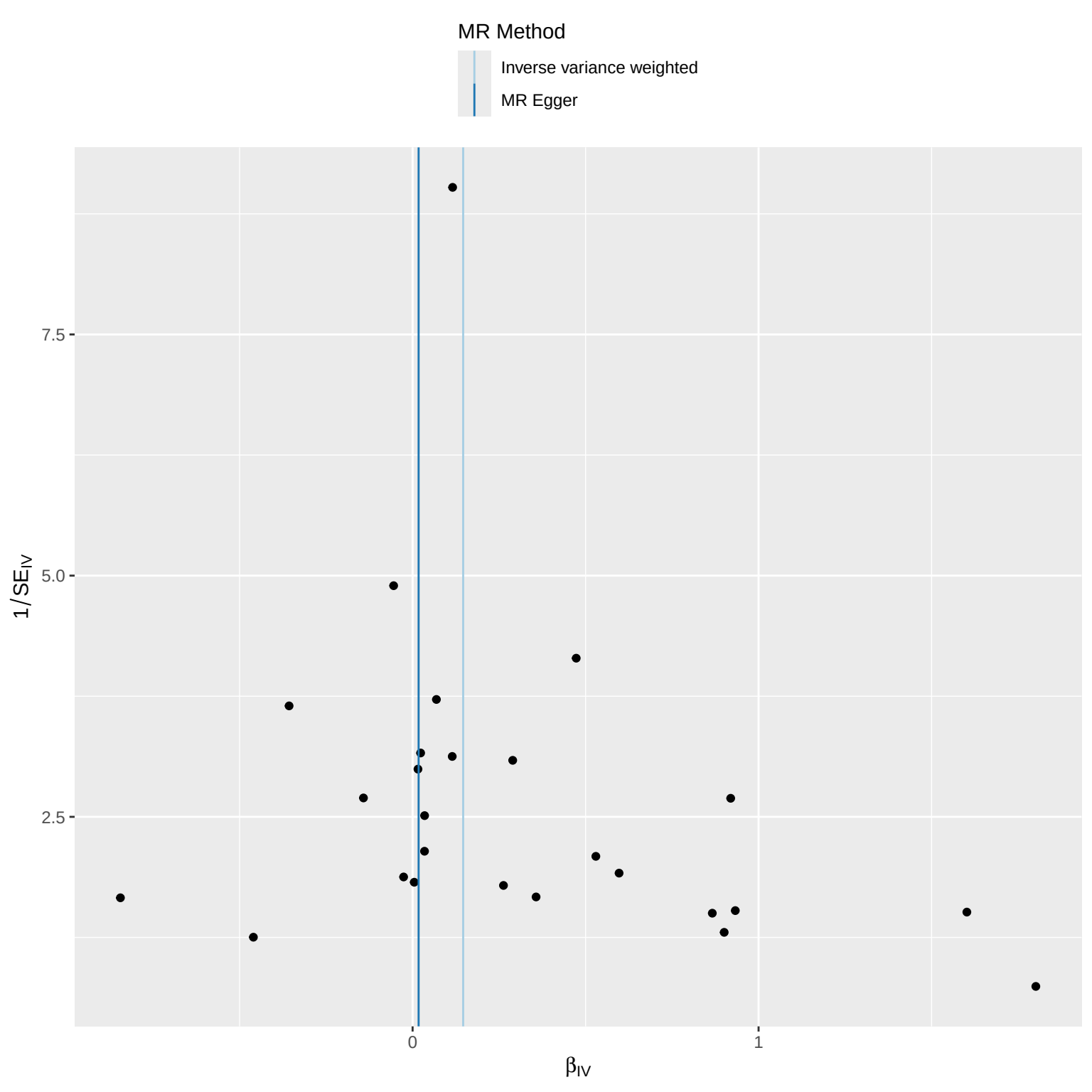

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.75
−0.50
−0.25
0.00
0.25
0.50
β_IV

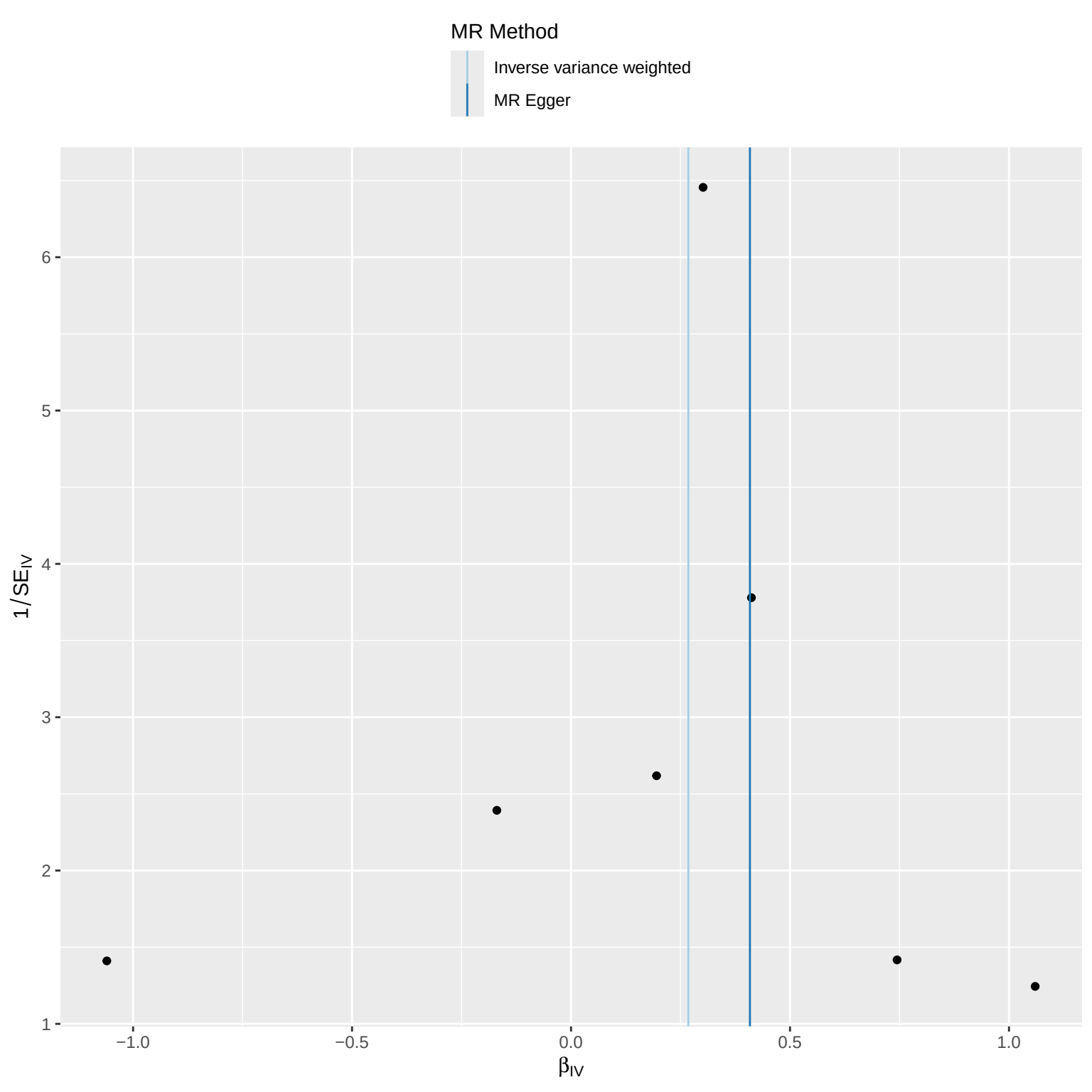

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

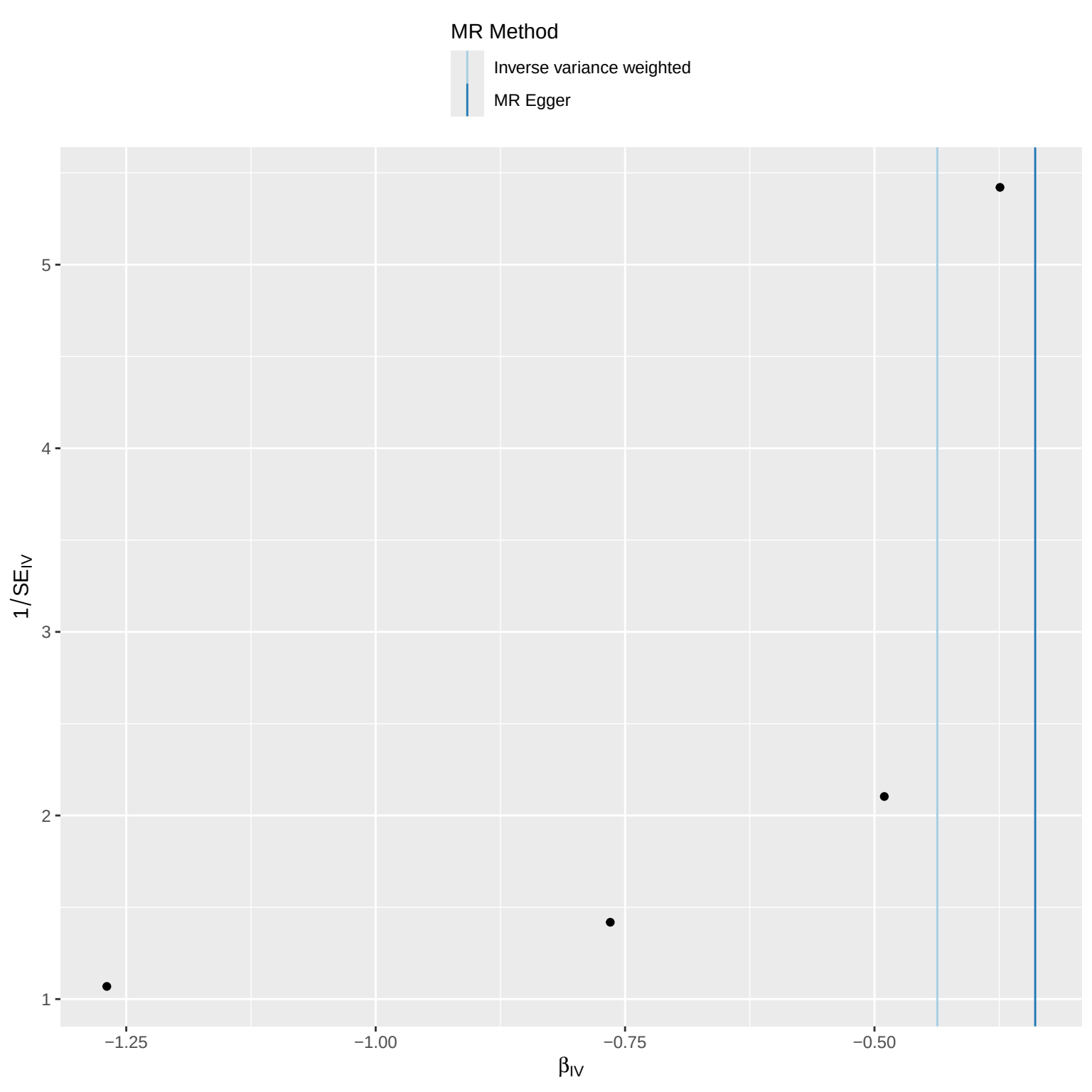

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−1.0
−0.5
0.0
0.5
1.0
1.5

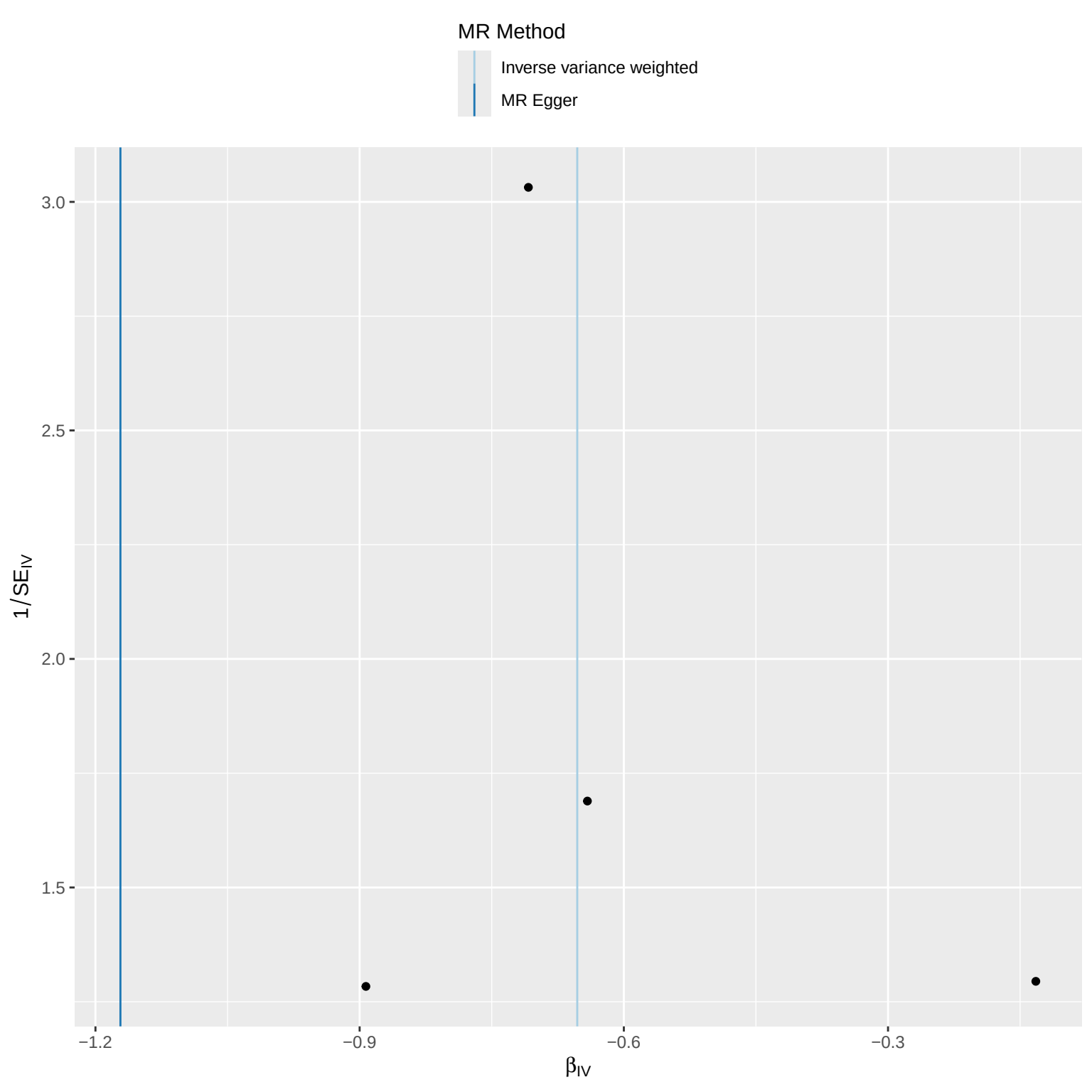

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
2.0
1.5
1/SE_IV
0.2
0.3
0.4
β_IV

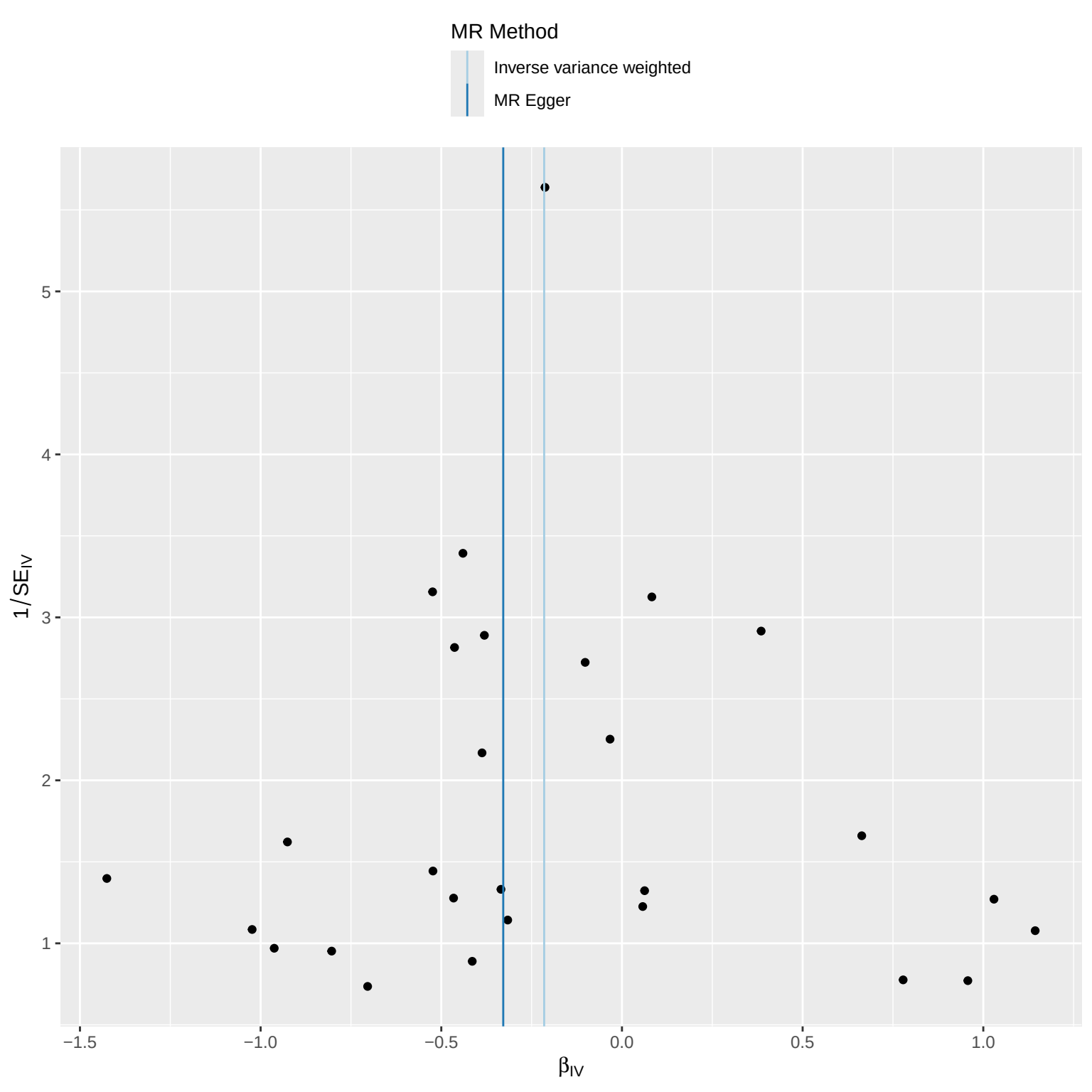

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
β_IV

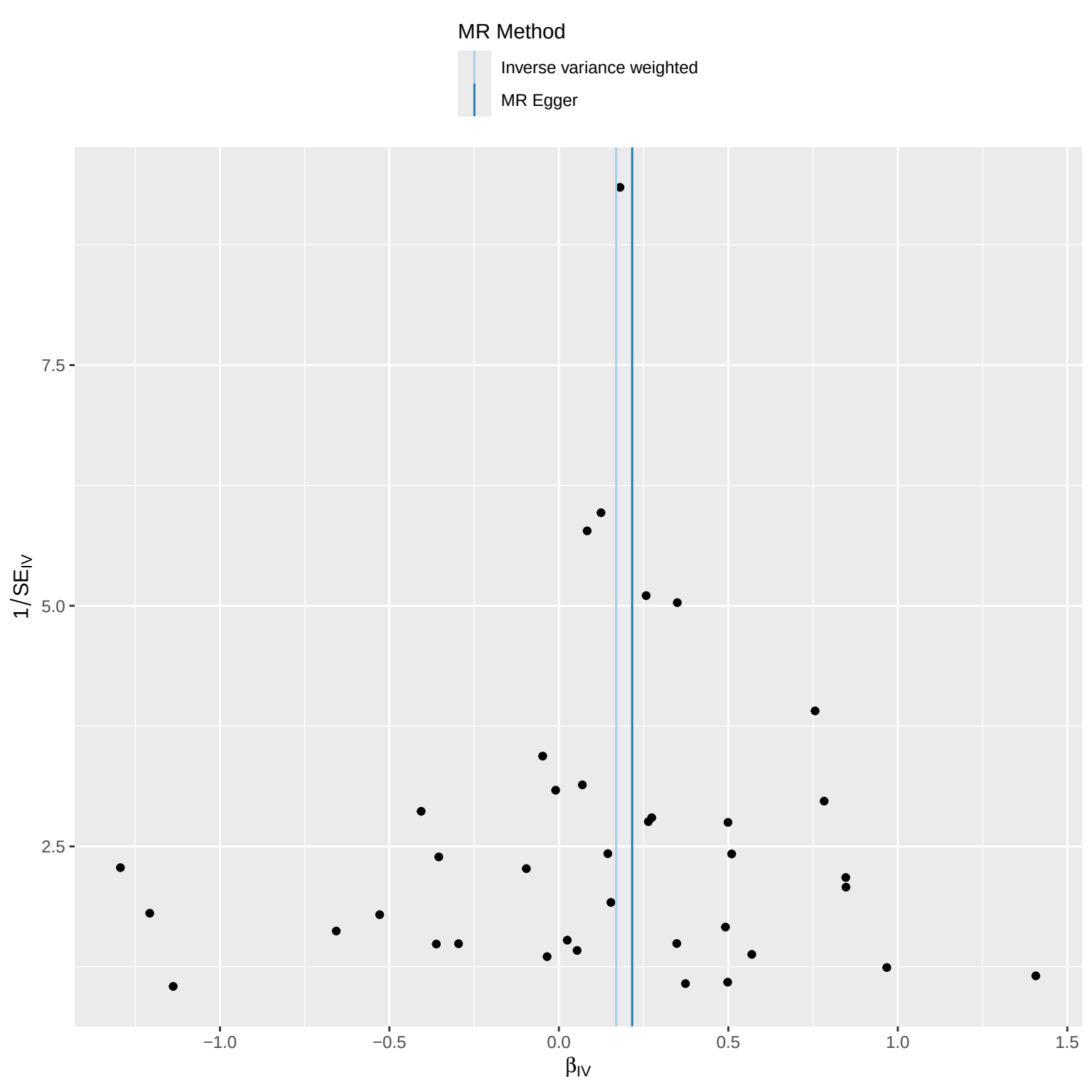

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
0
1
β_IV

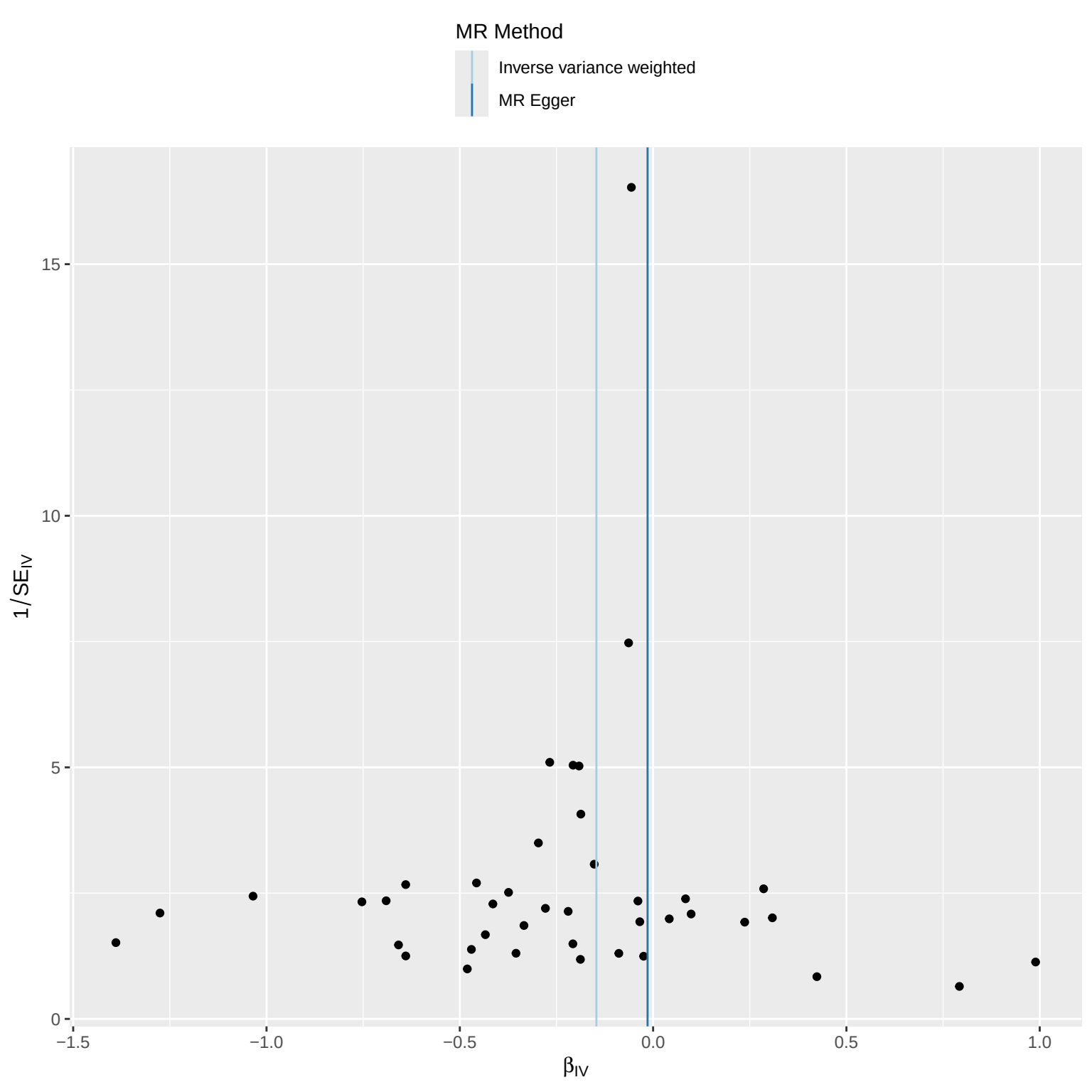

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

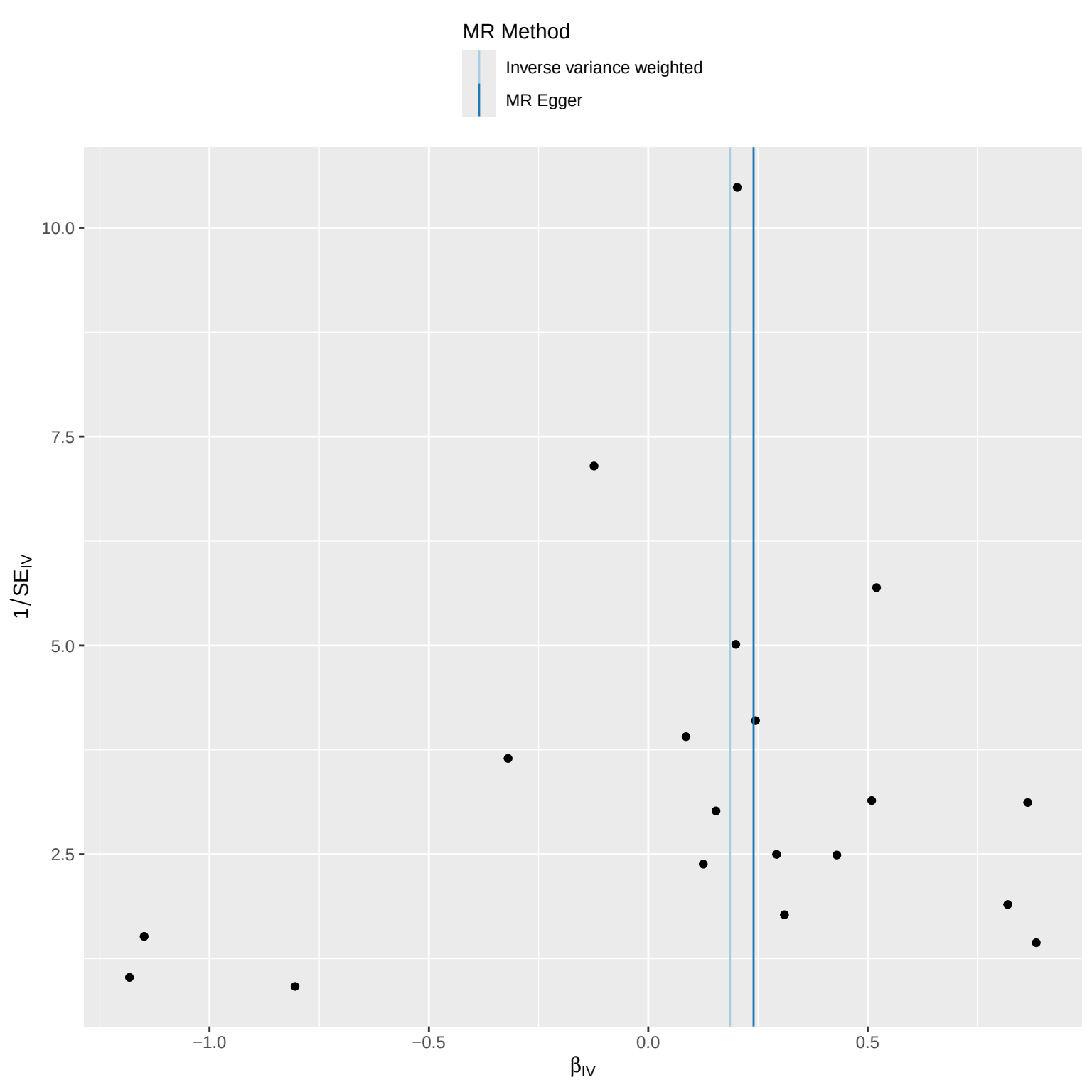

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.25
−1.00
−0.75
−0.50
β_IV

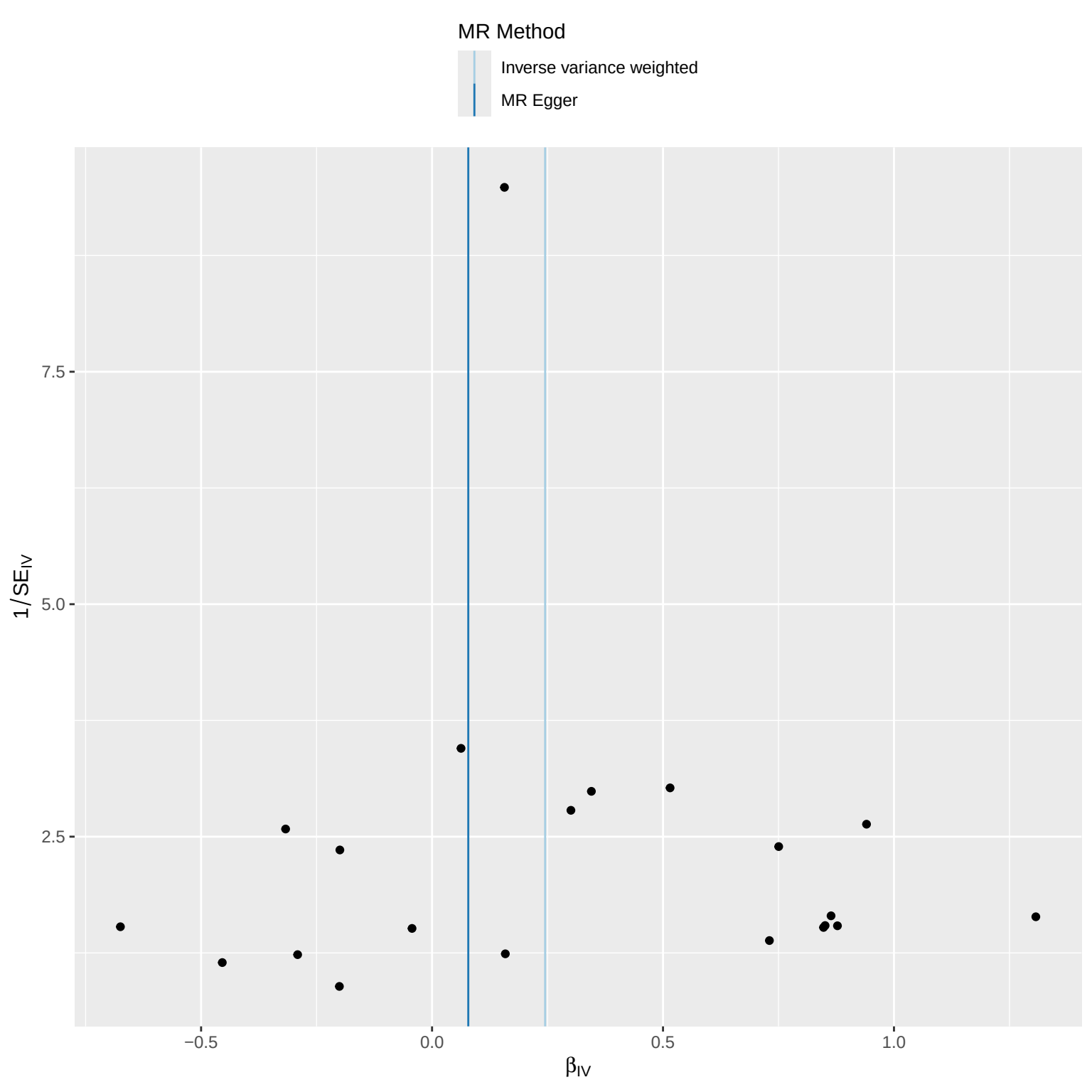

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
−1.2
−0.9
−0.6
−0.3
β_IV

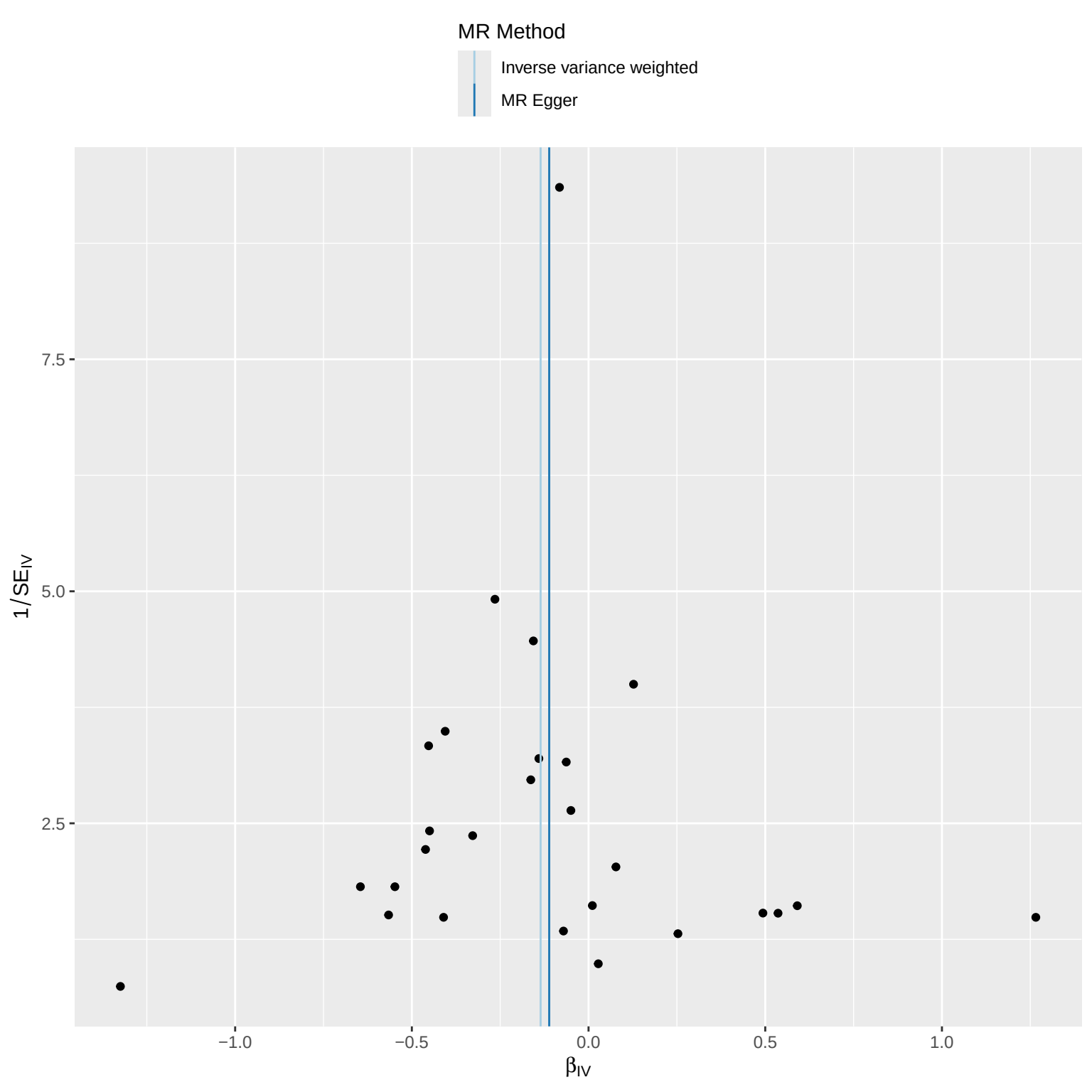

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
1.0

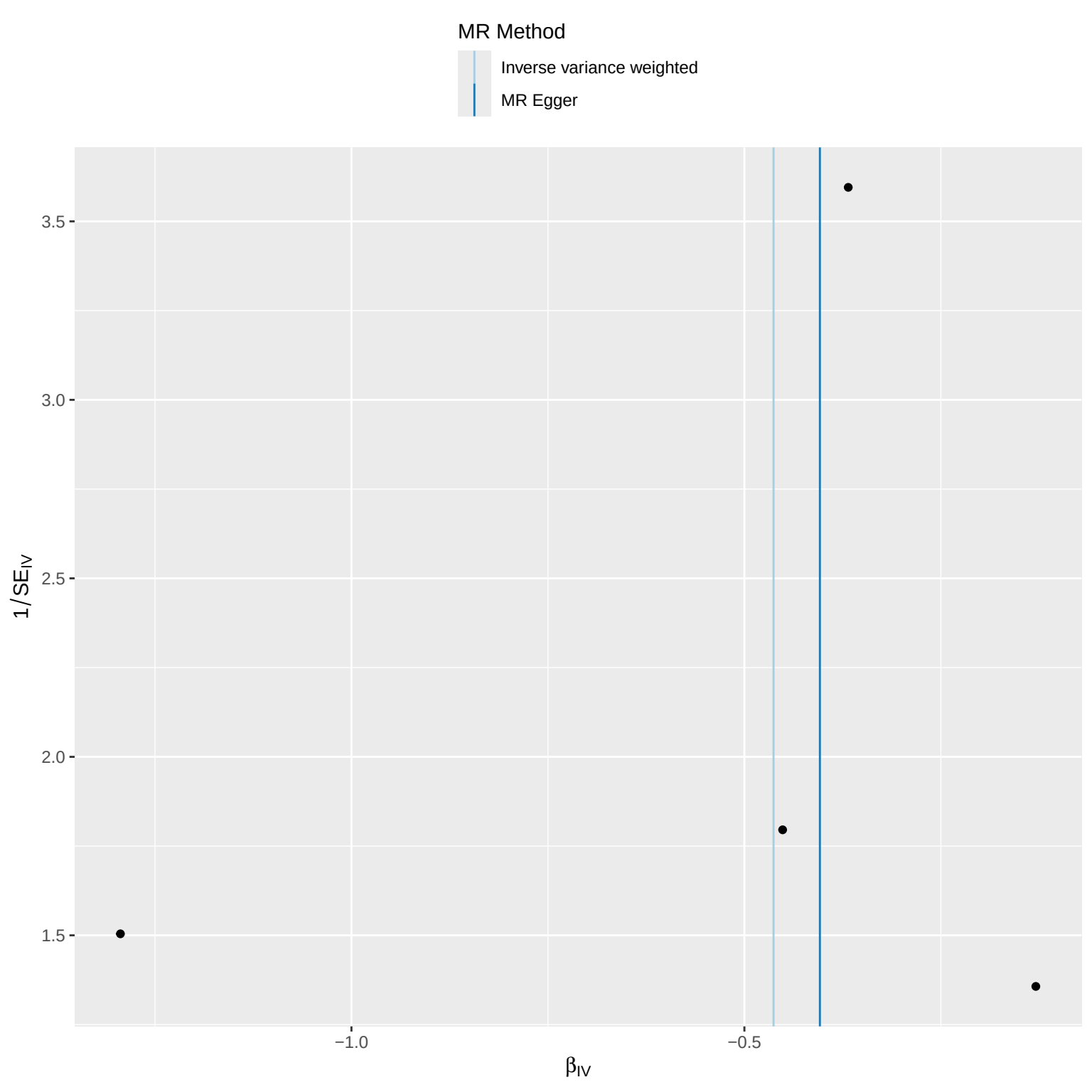

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

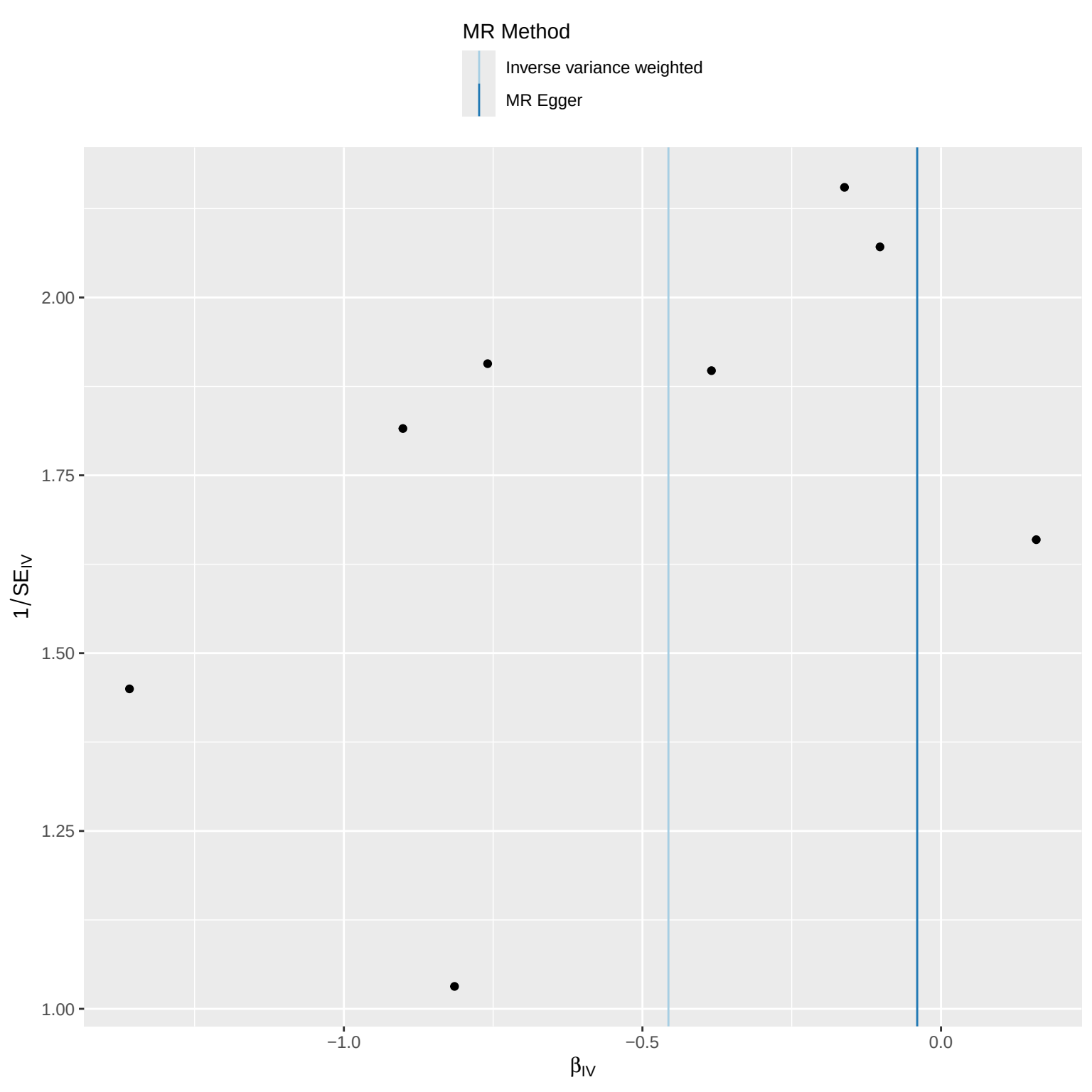

MR Method
Inverse variance weighted
MR Egger
15
10
5
0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

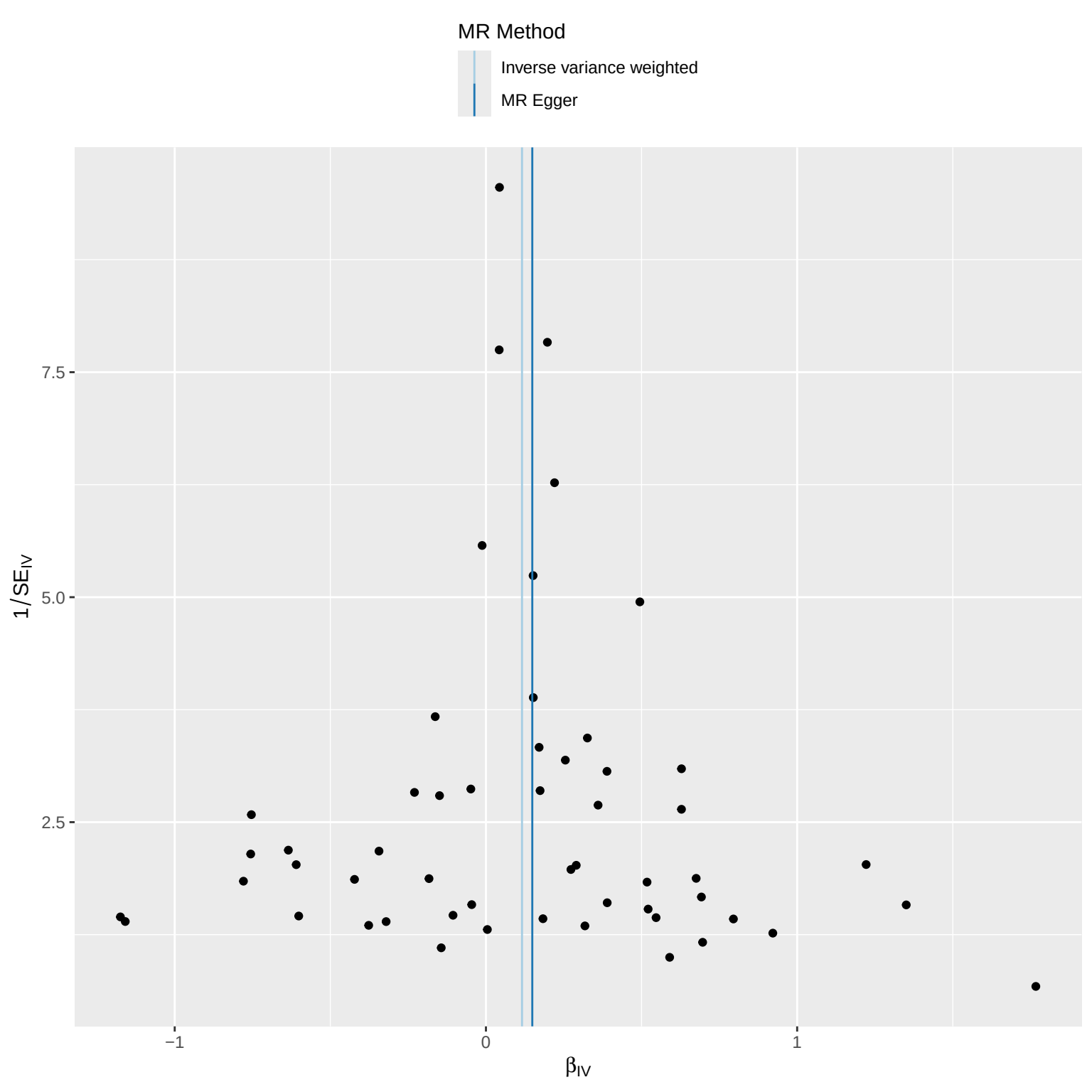

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

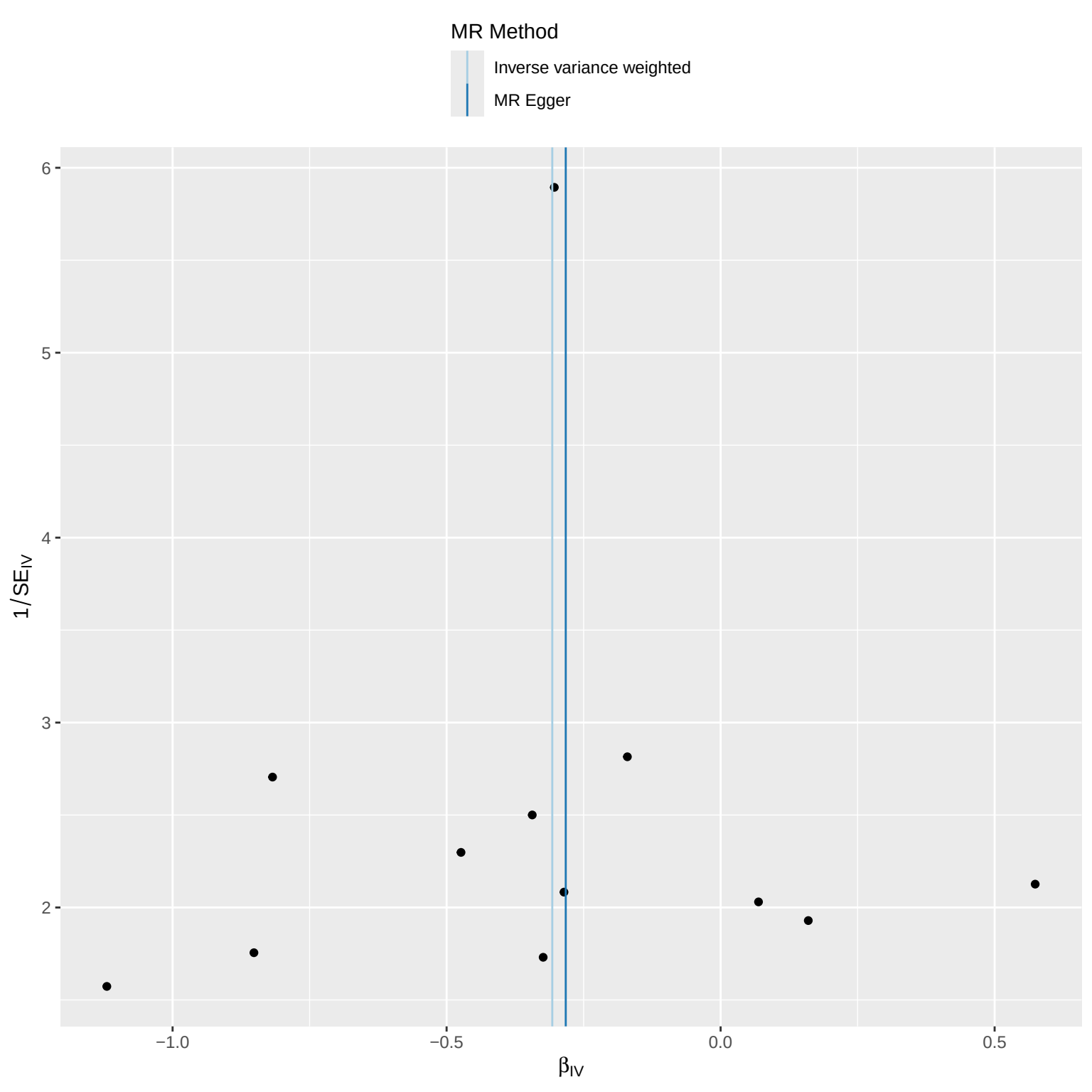

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

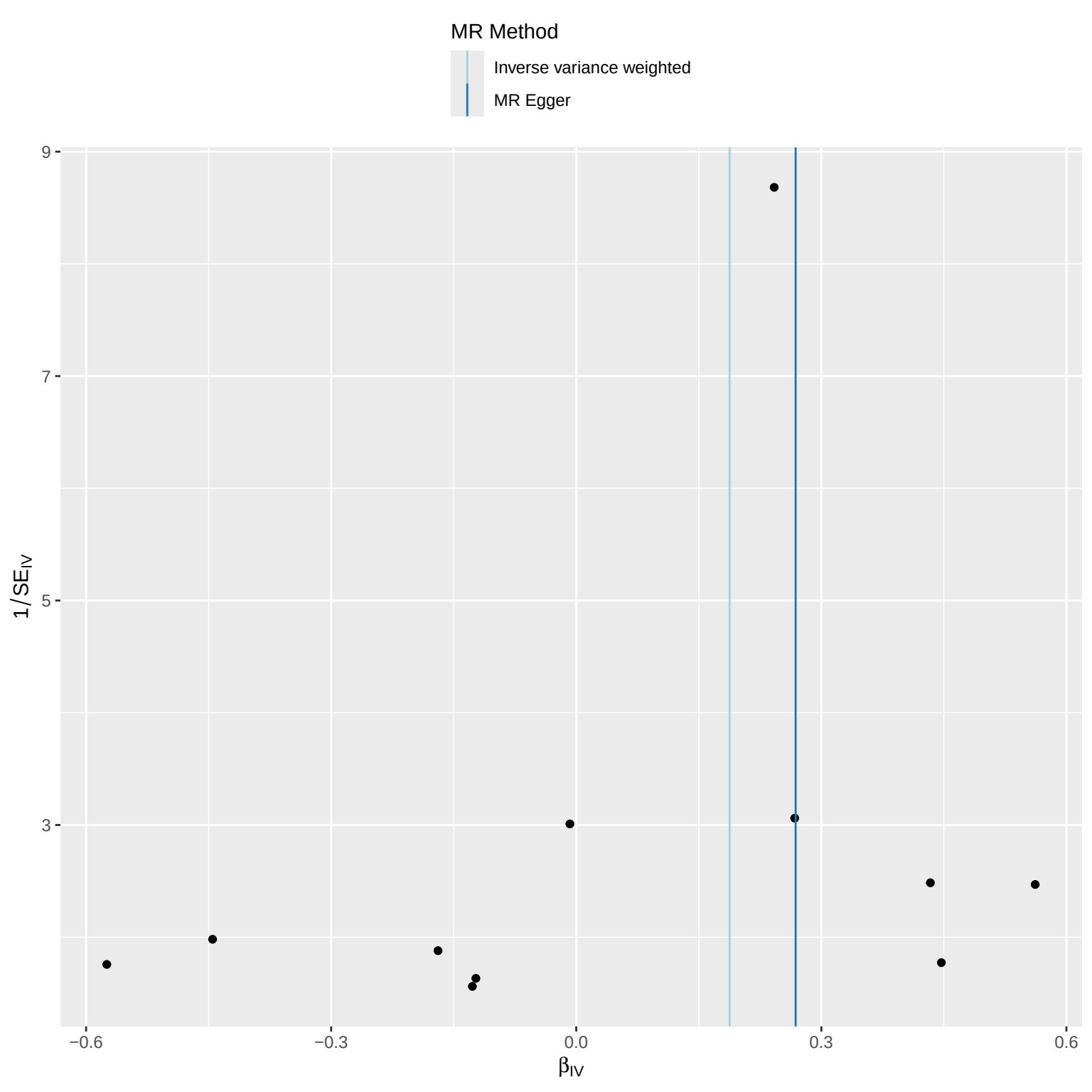

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

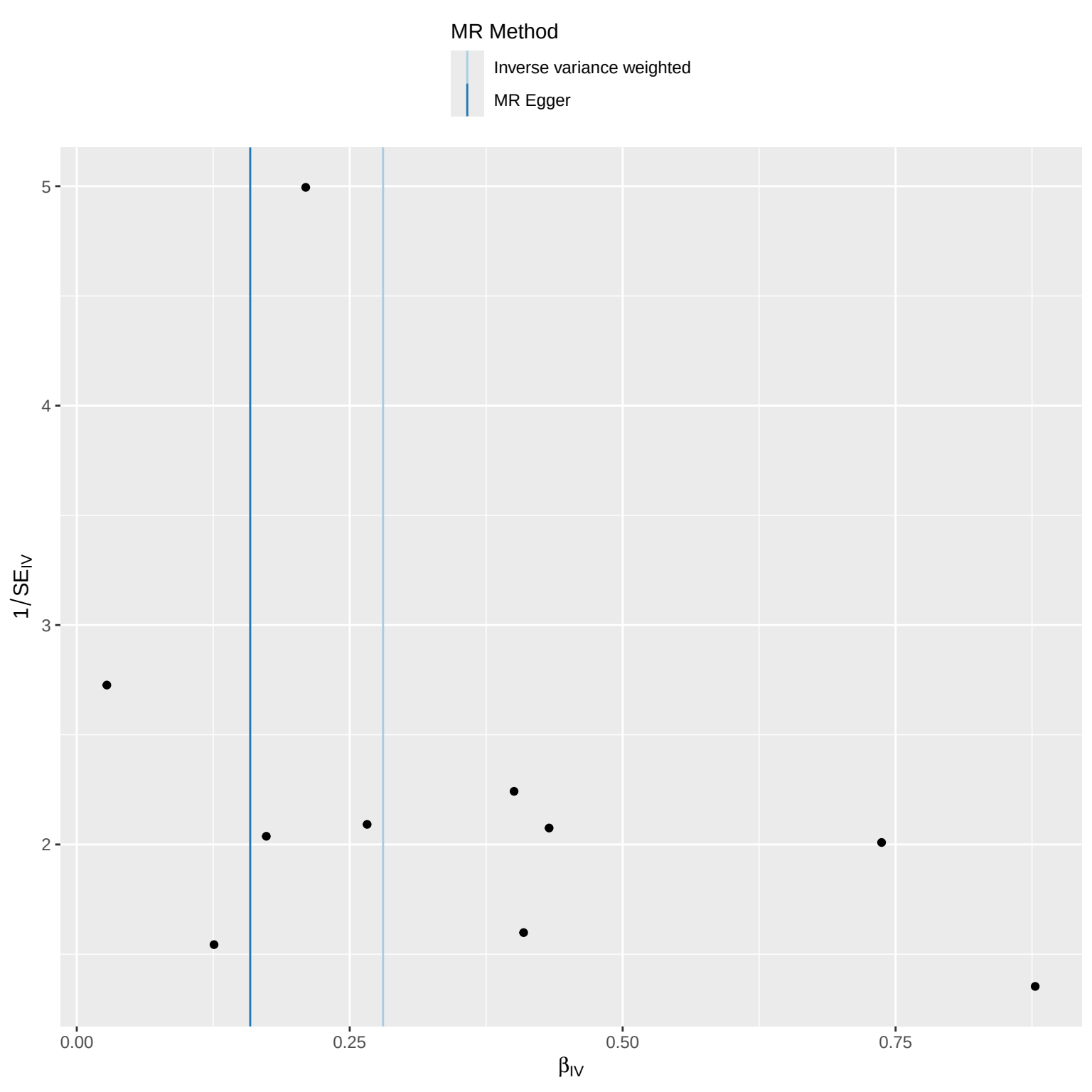

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
β_IV

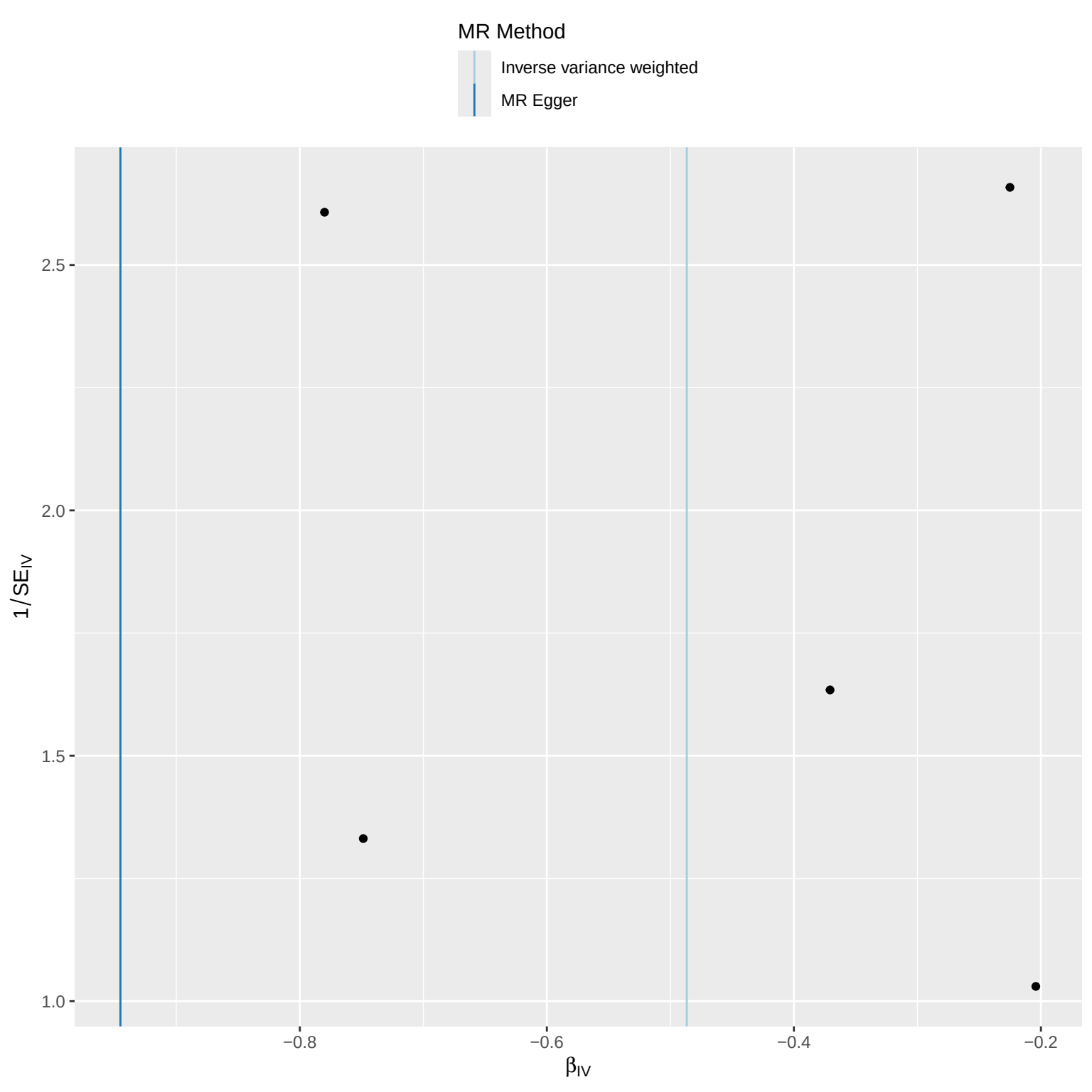

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
1/SE_IV
−1.0
−0.5
0.0
β_IV

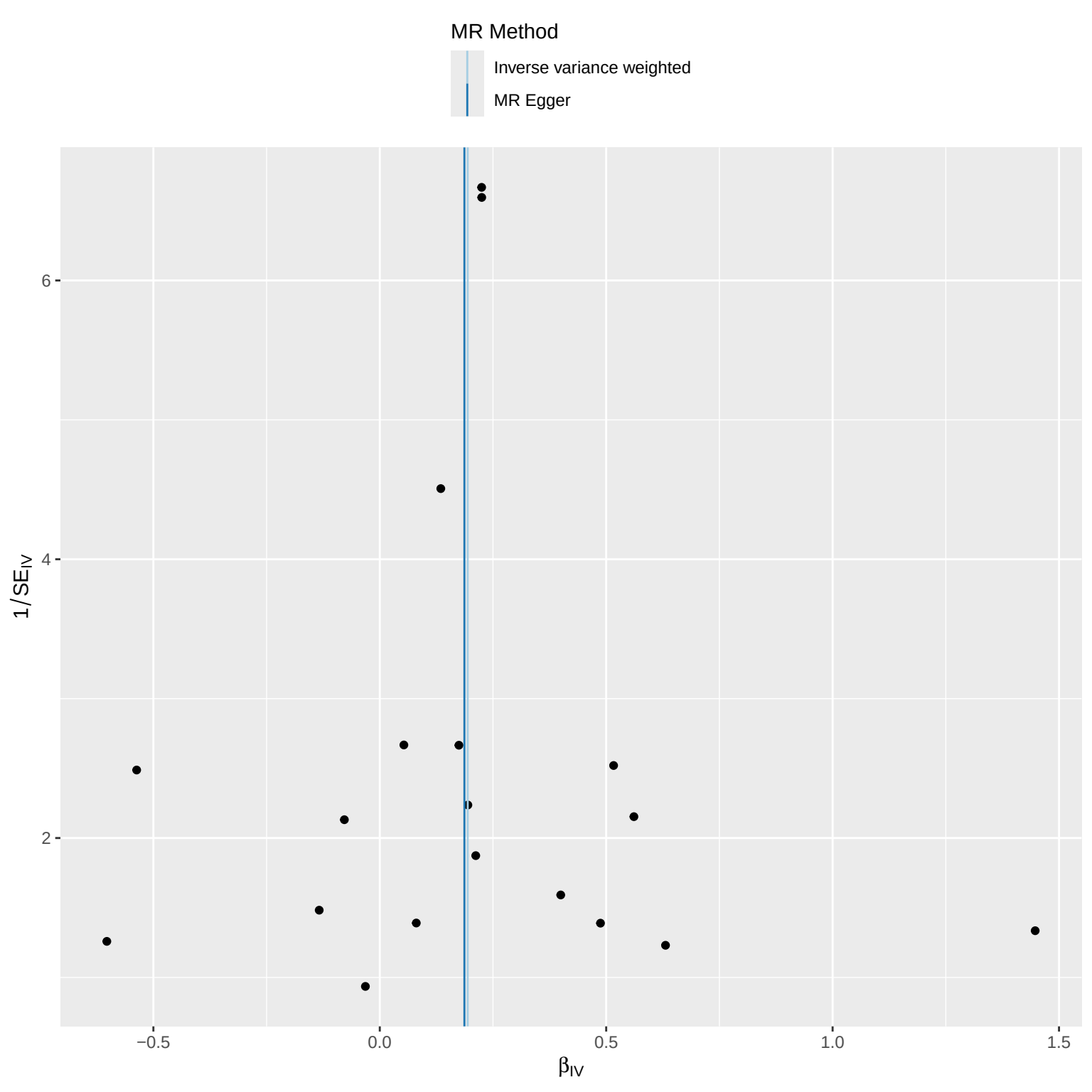

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

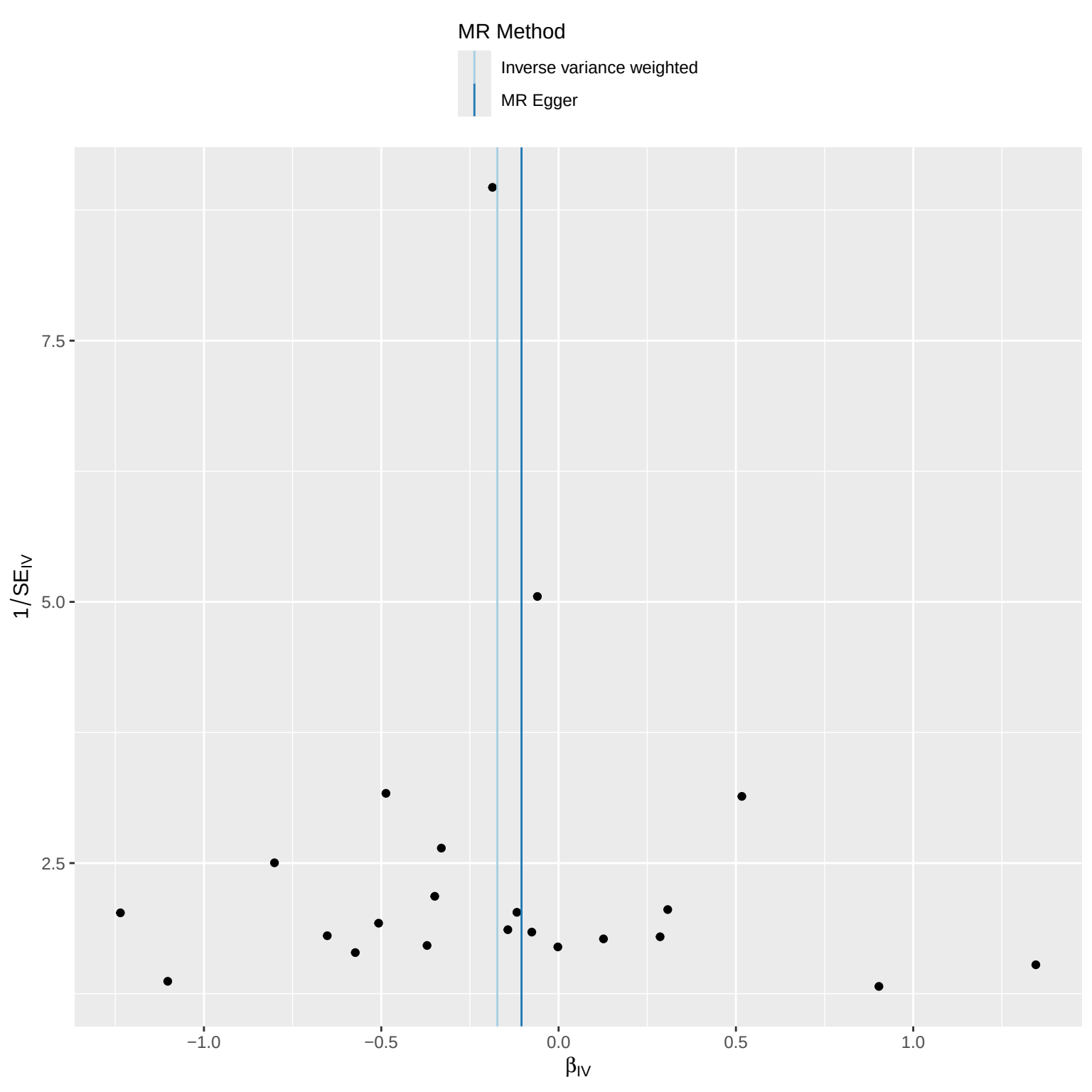

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

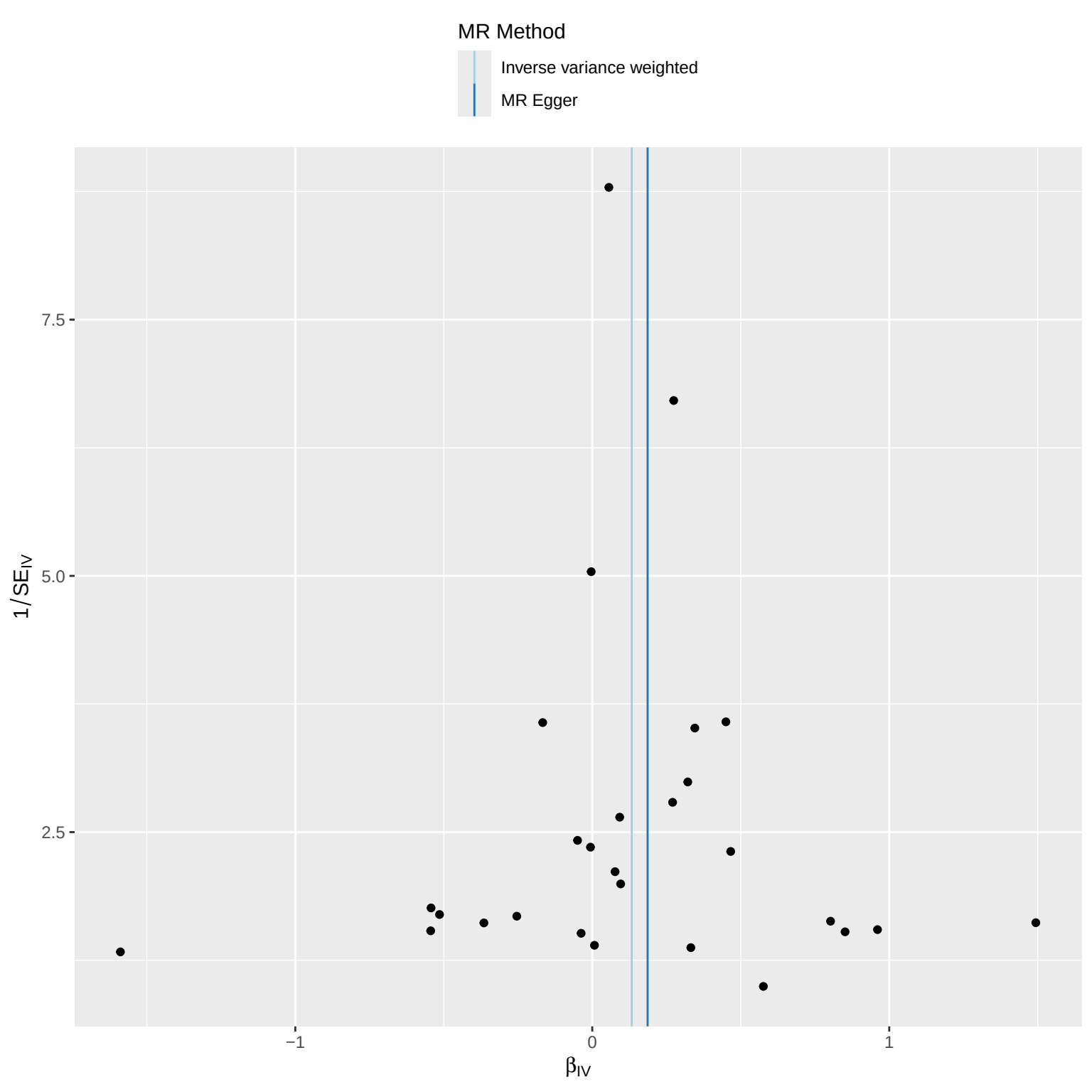

MR Method
Inverse variance weighted
MR Egger
9
7
5
3
1/SE_IV
−0.6
−0.3
0.0
0.3
0.6
β_IV

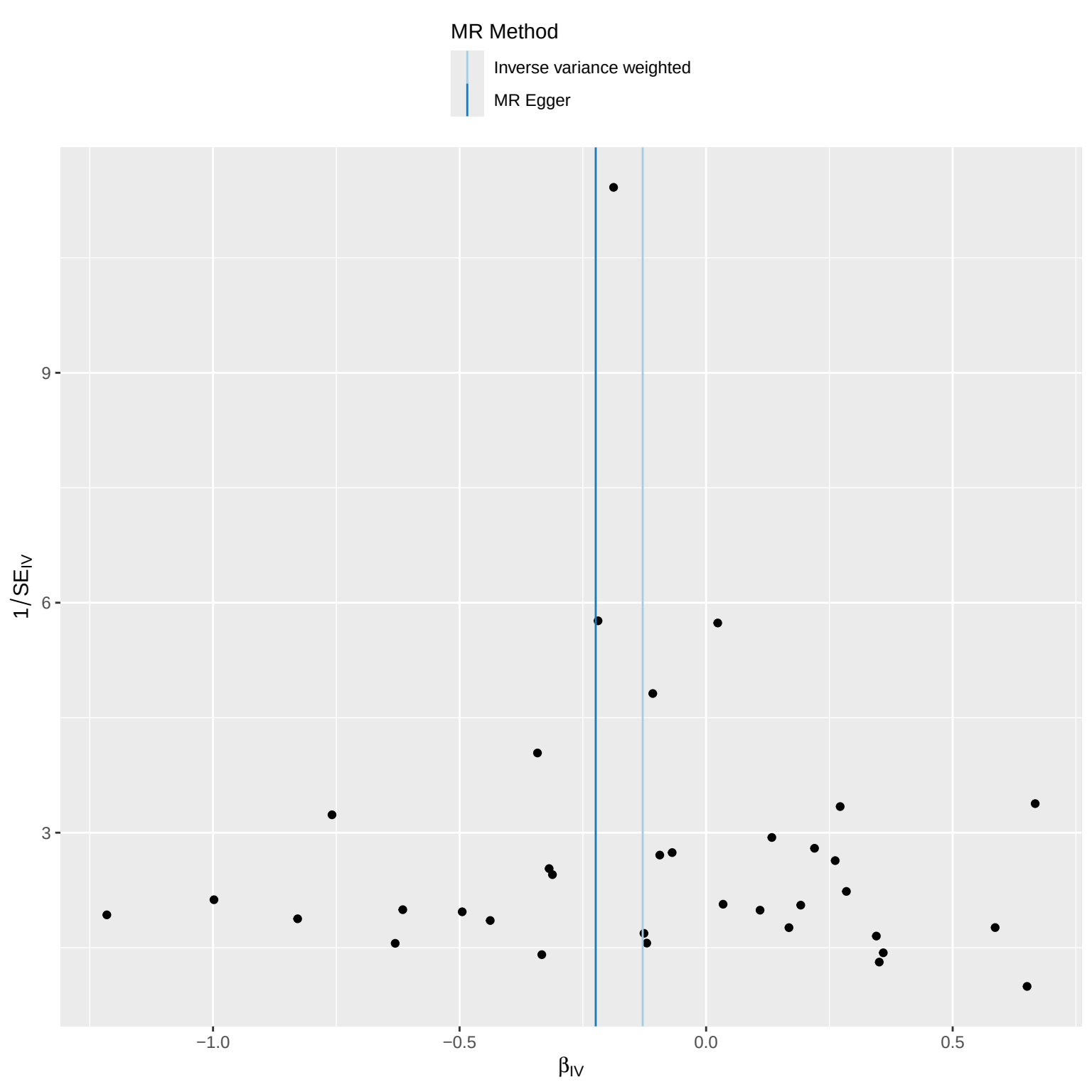

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

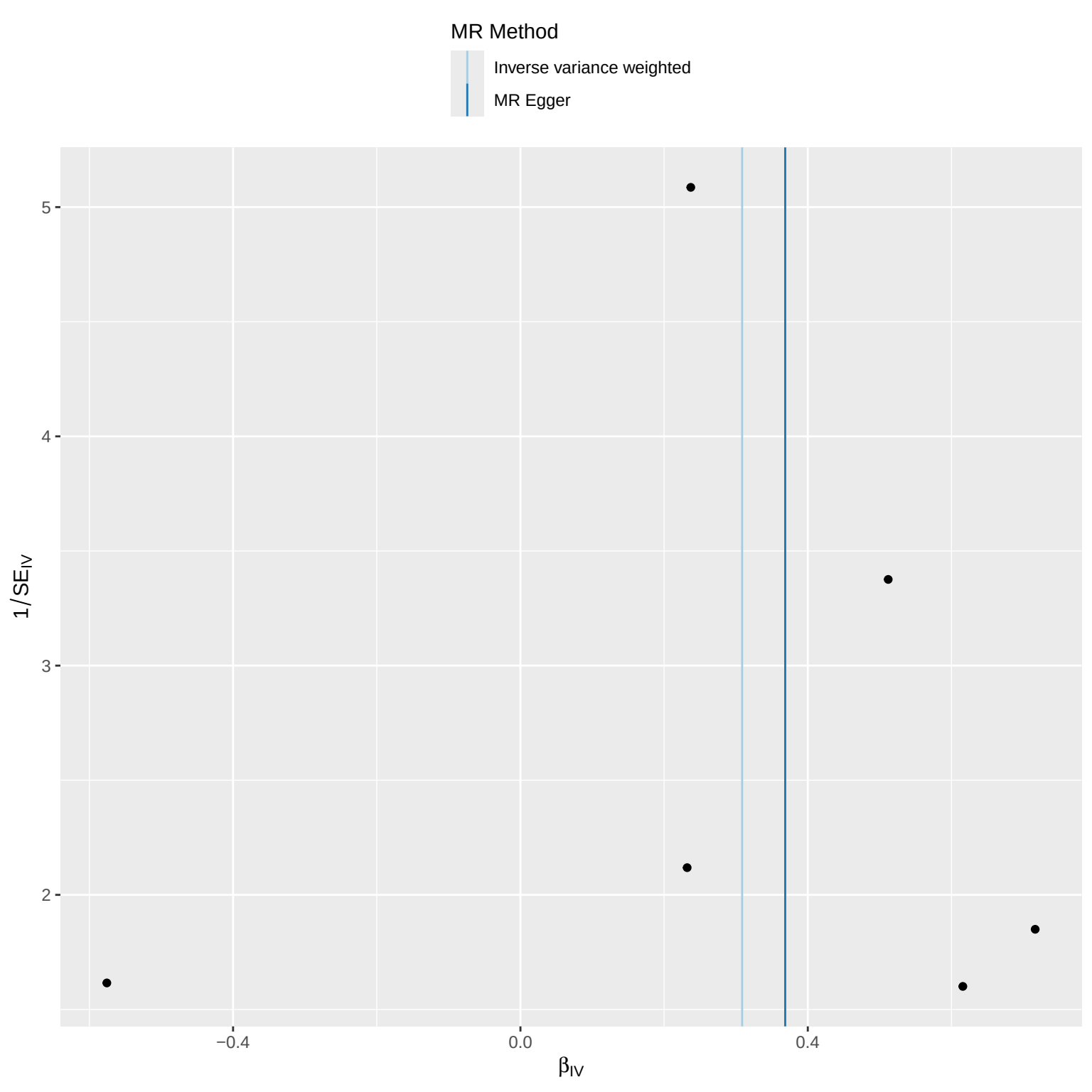

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−0.8
−0.6
−0.4
−0.2
β_IV

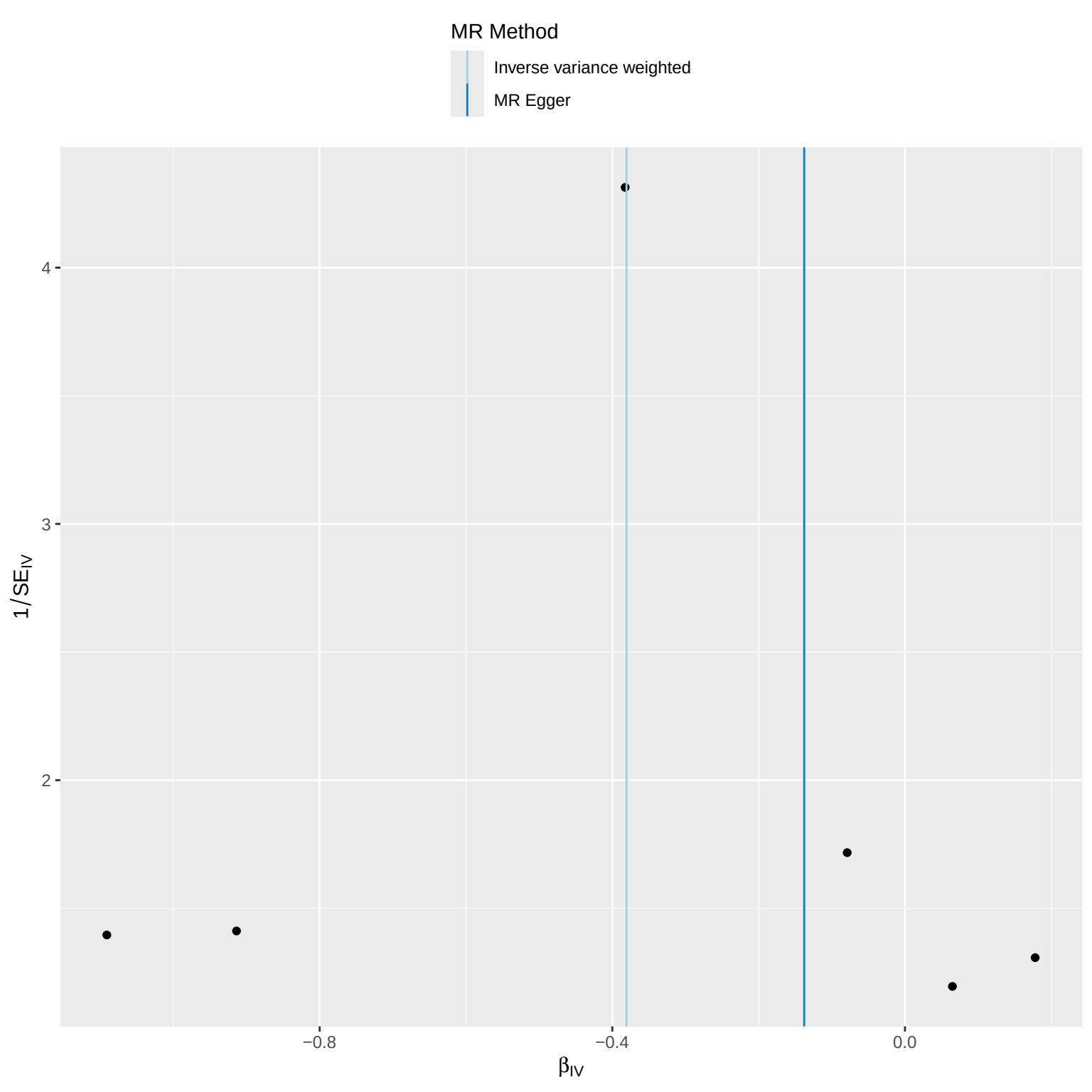

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

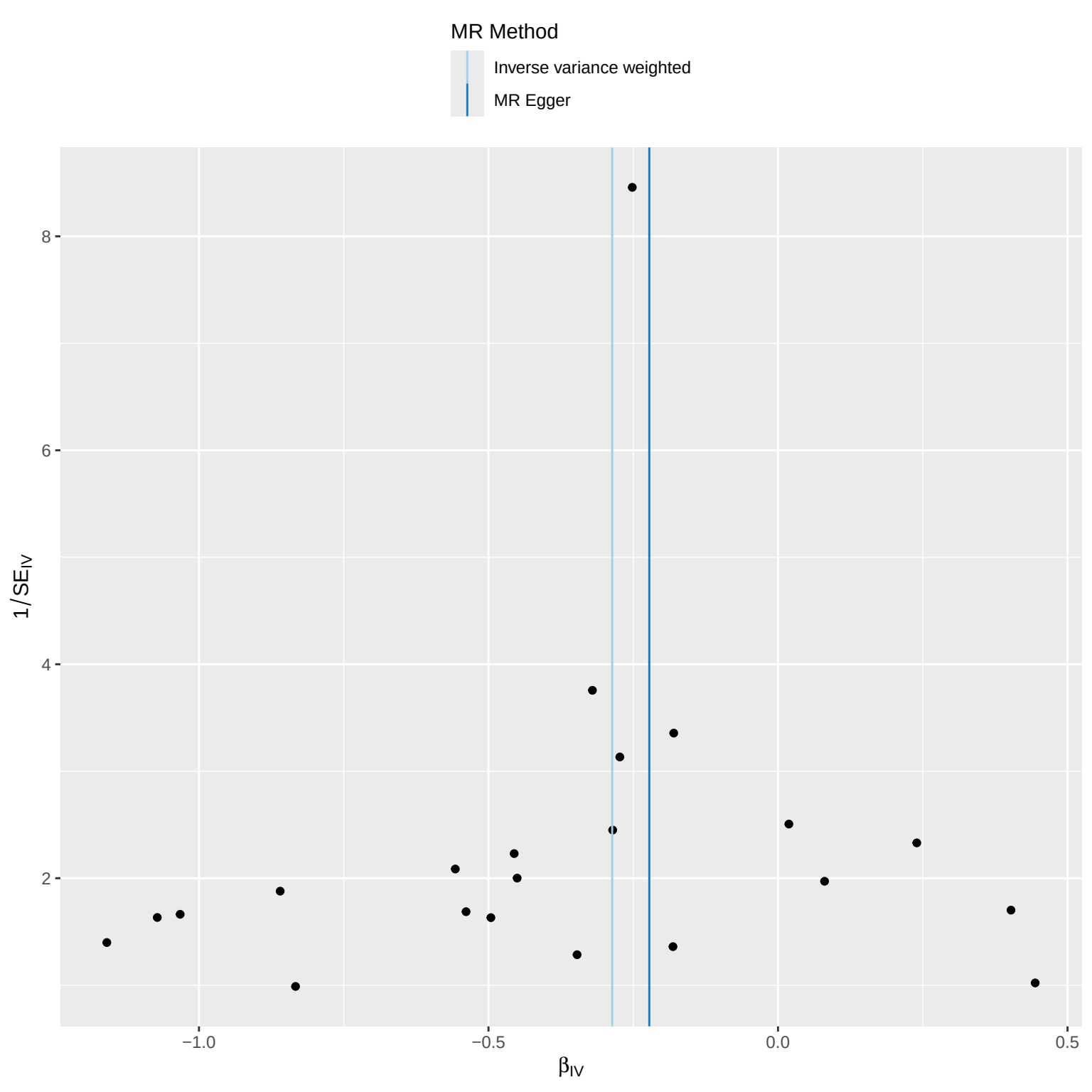

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

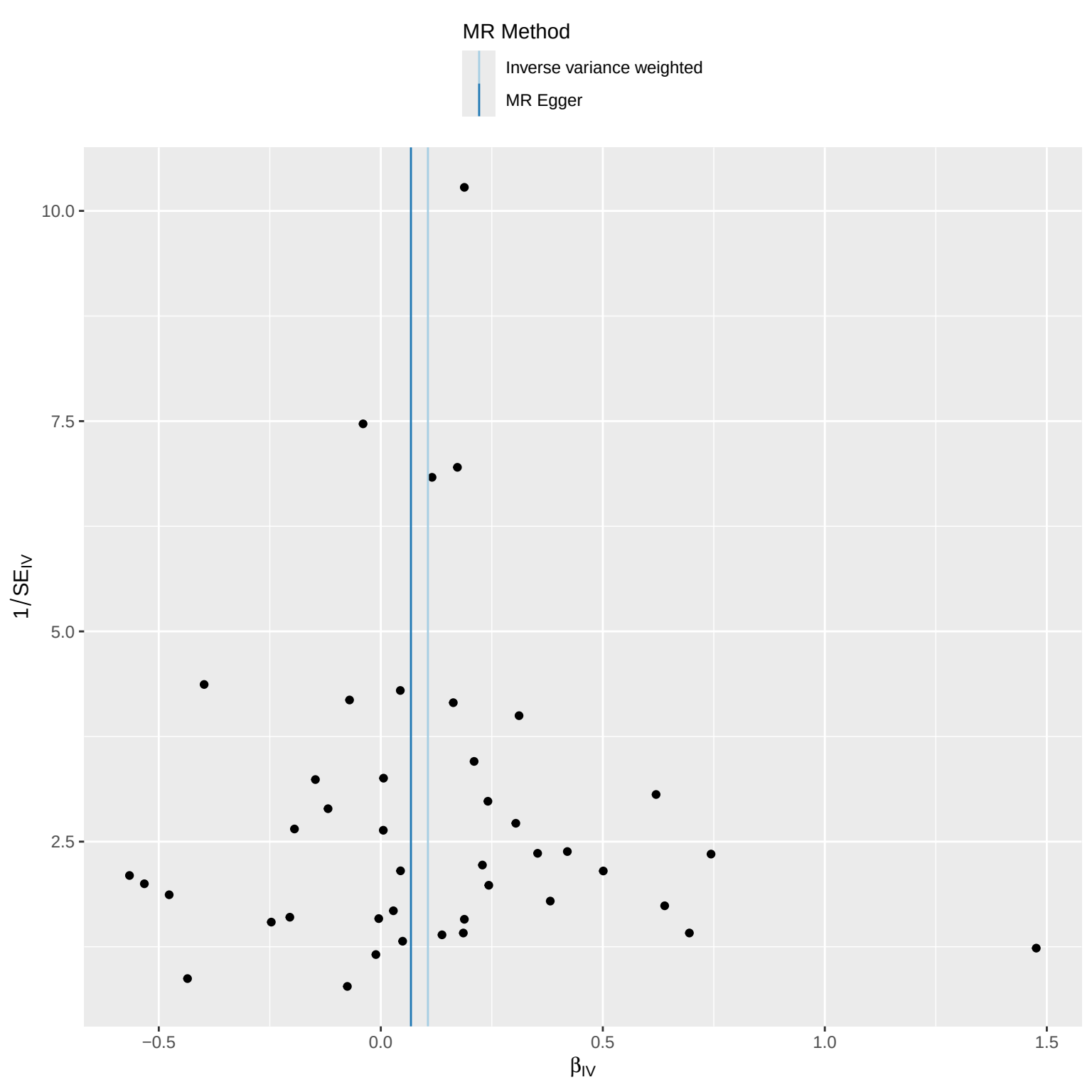

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

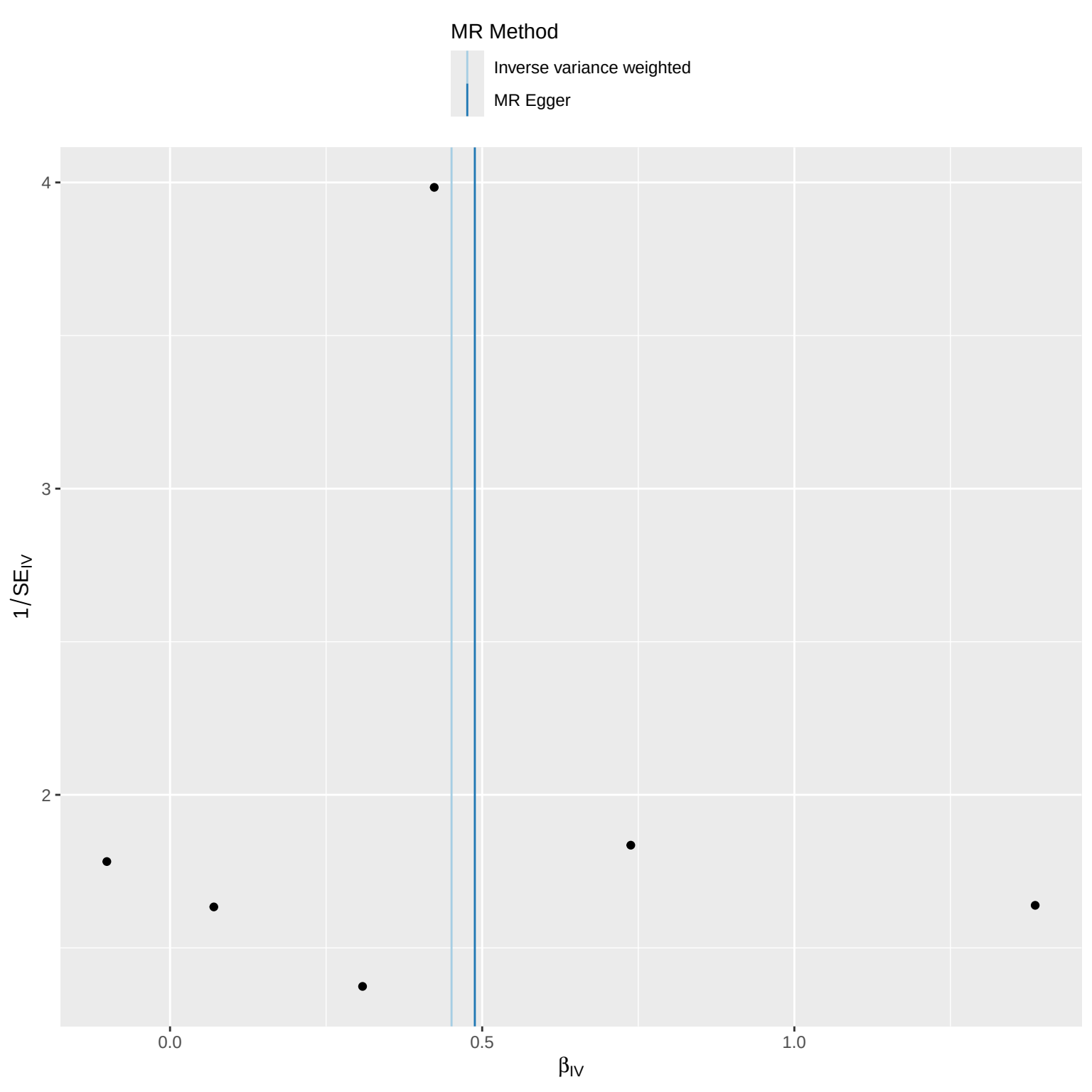

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

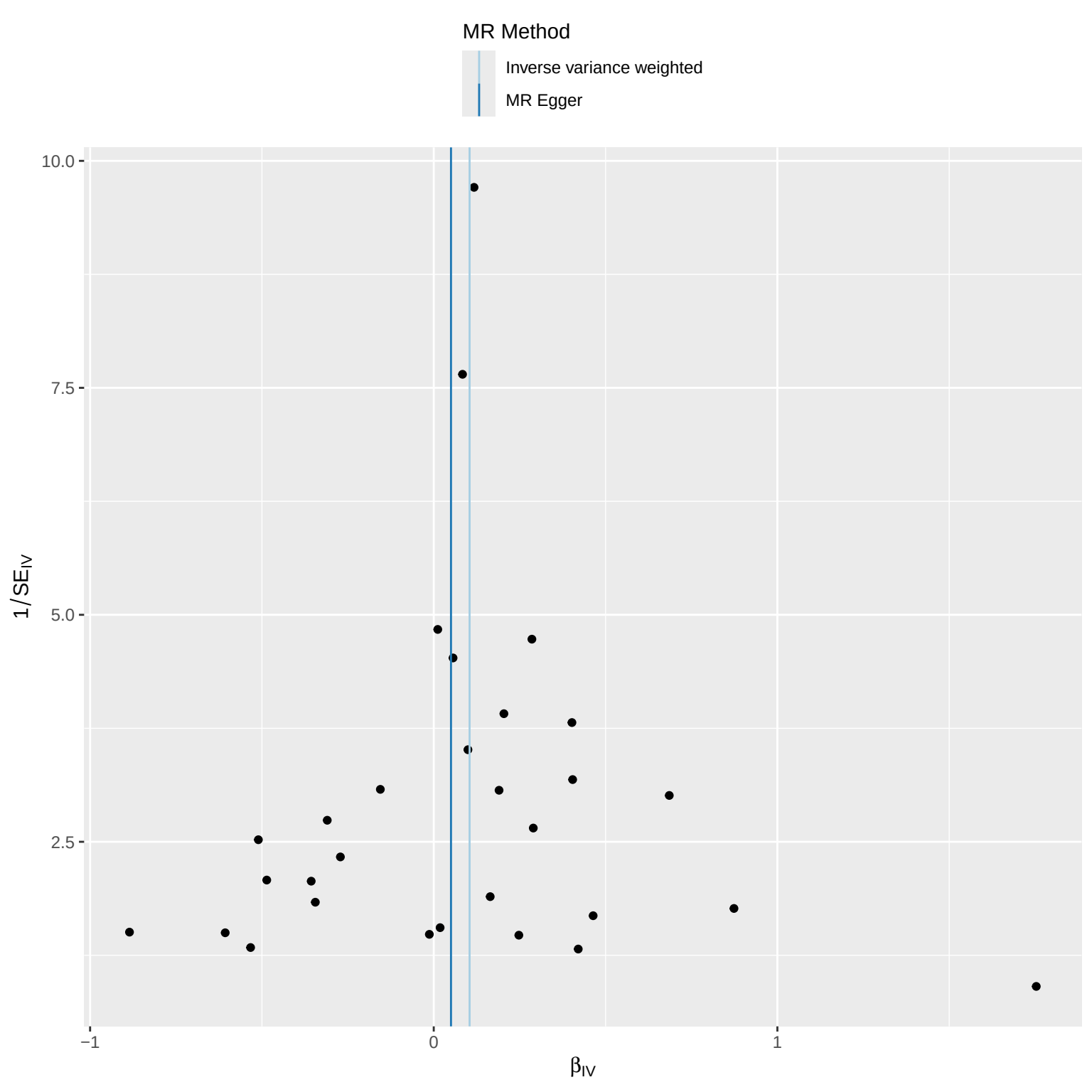

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.4
0.0
0.4
β_IV

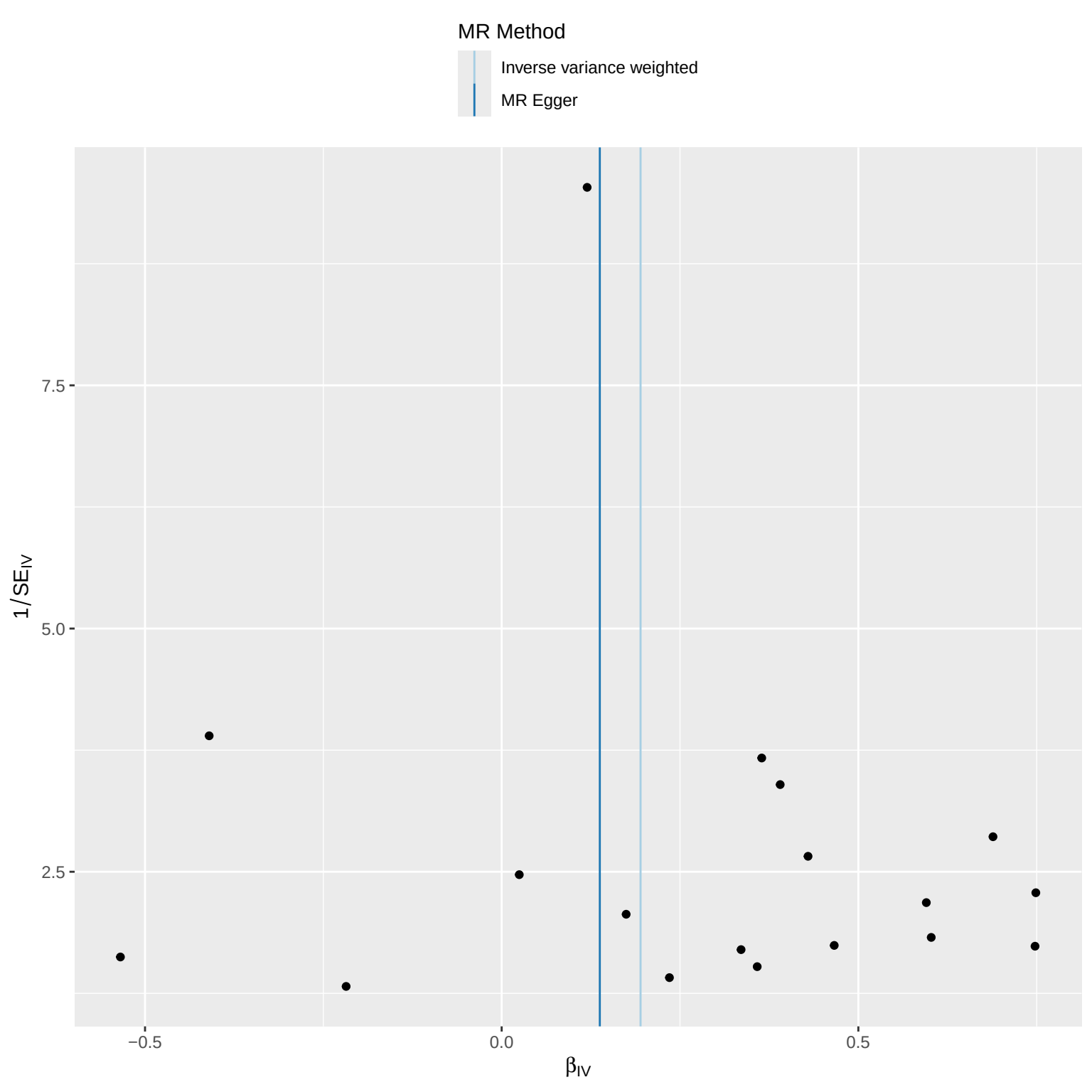

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.8
−0.4
0.0
β_IV

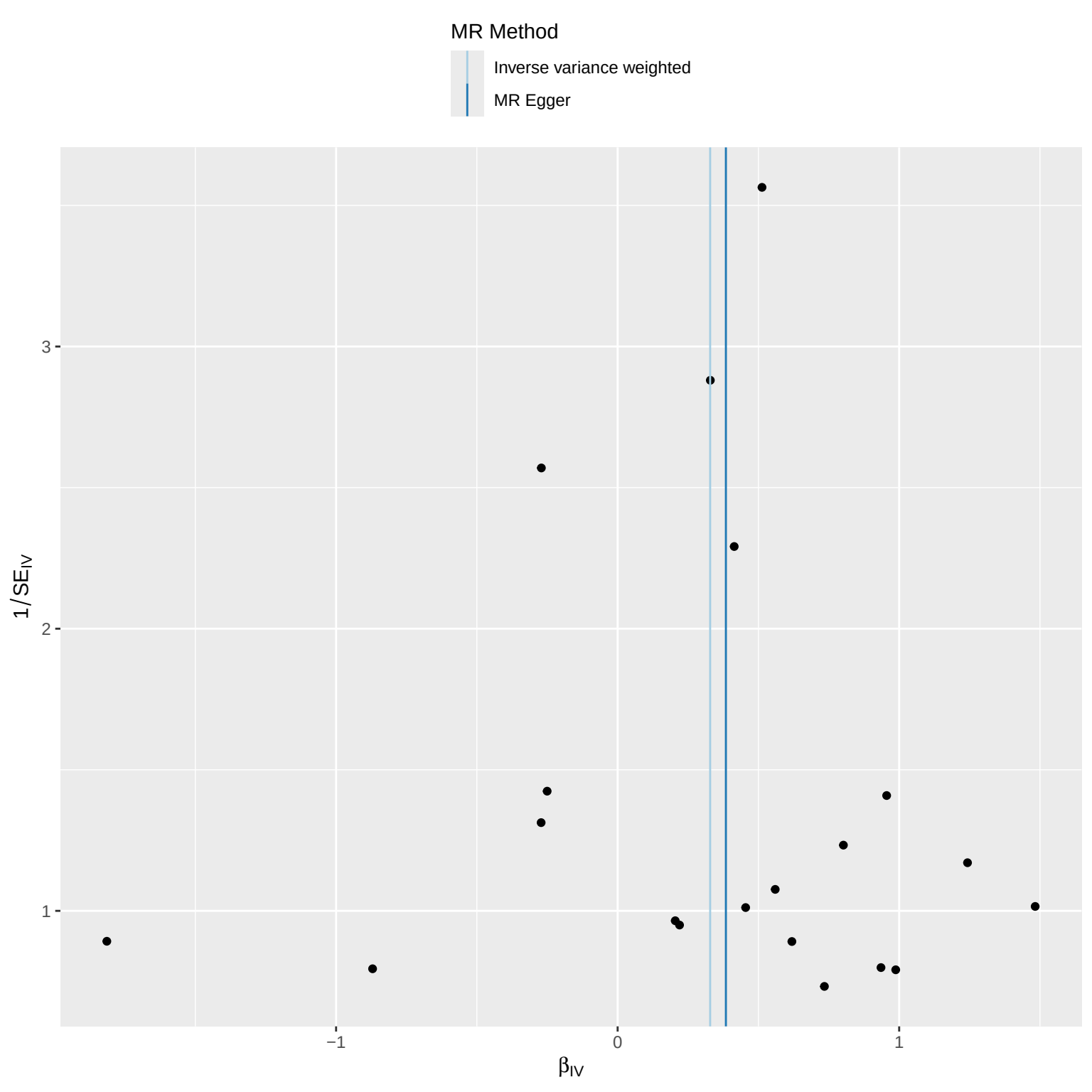

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

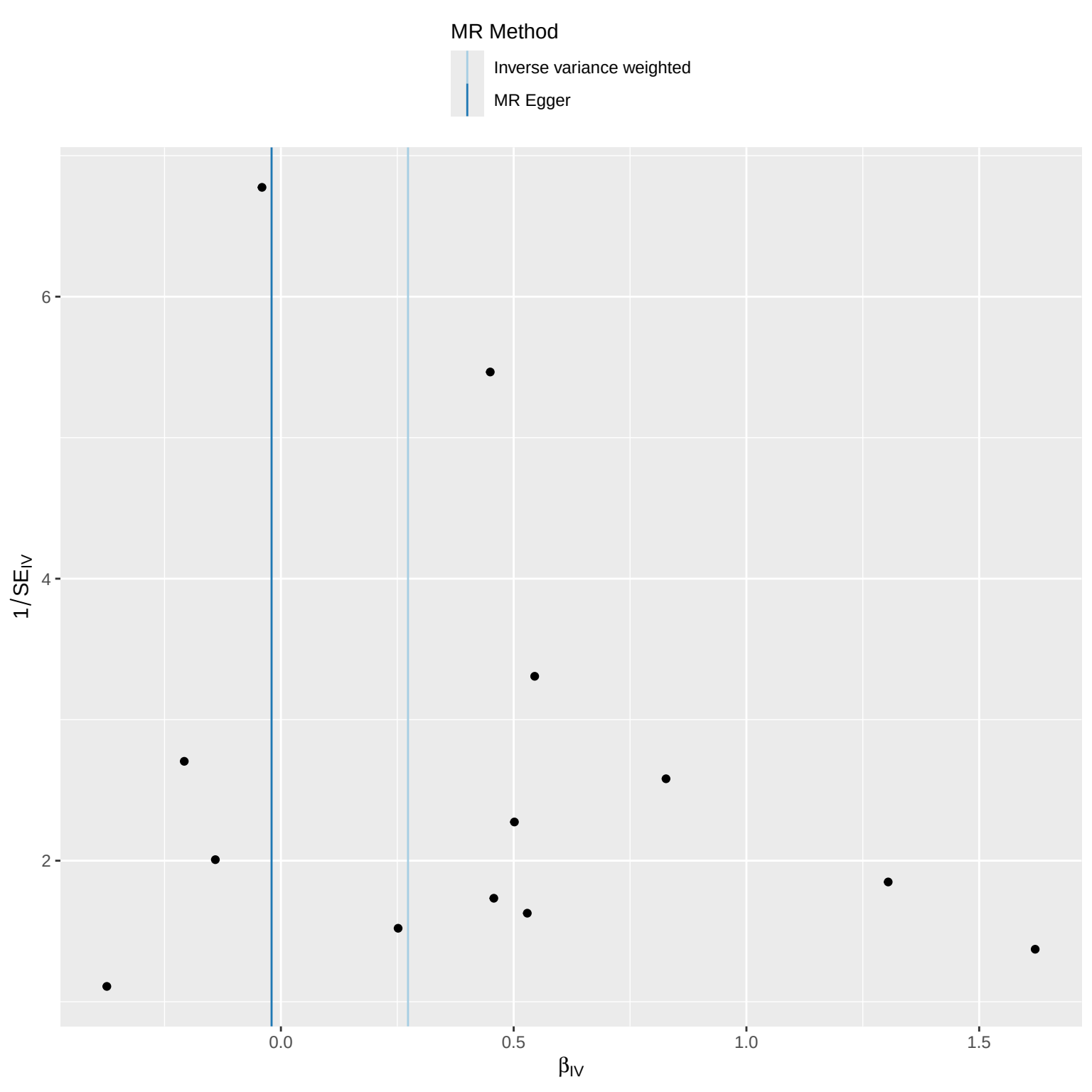

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

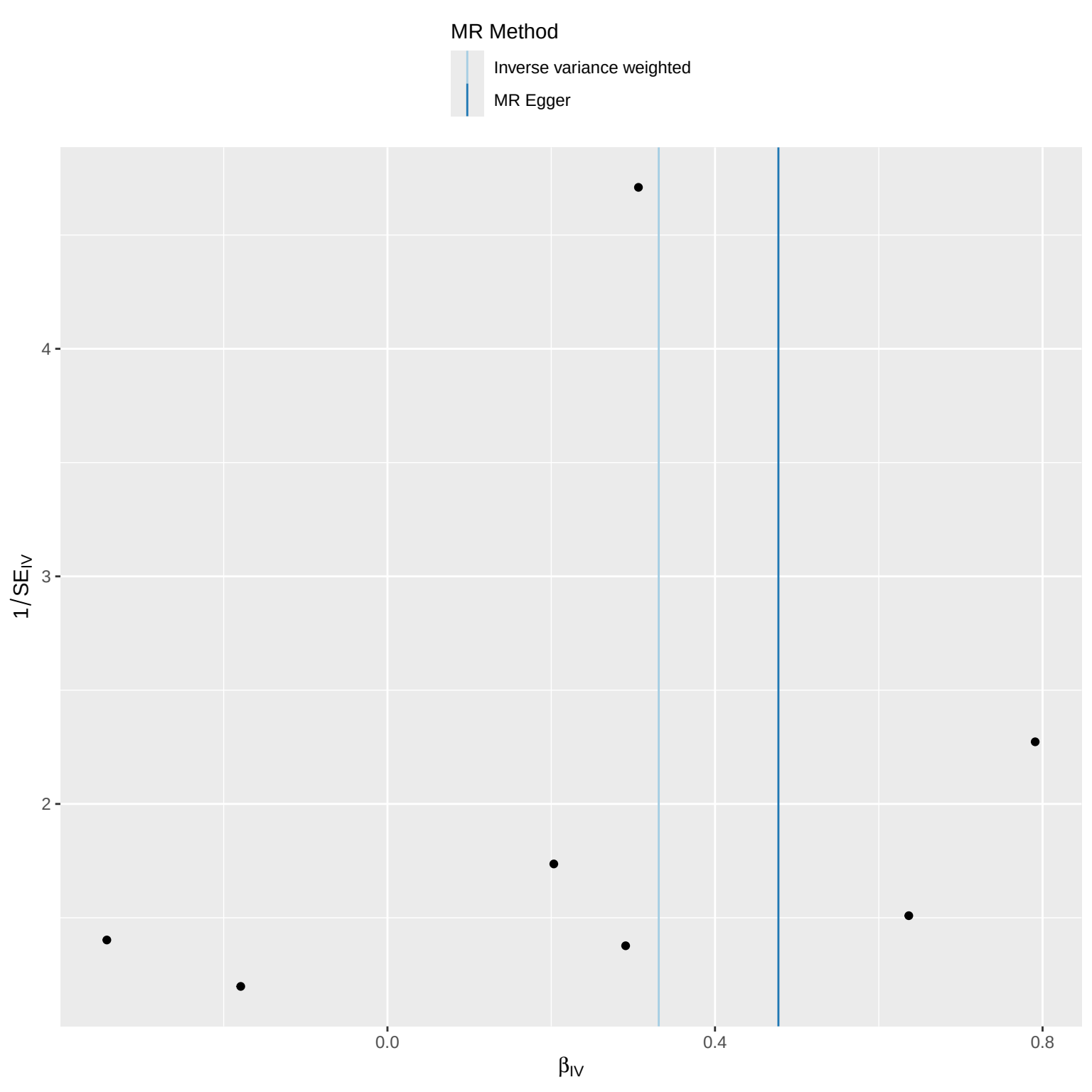

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
0.0
0.5
1.0
β_IV

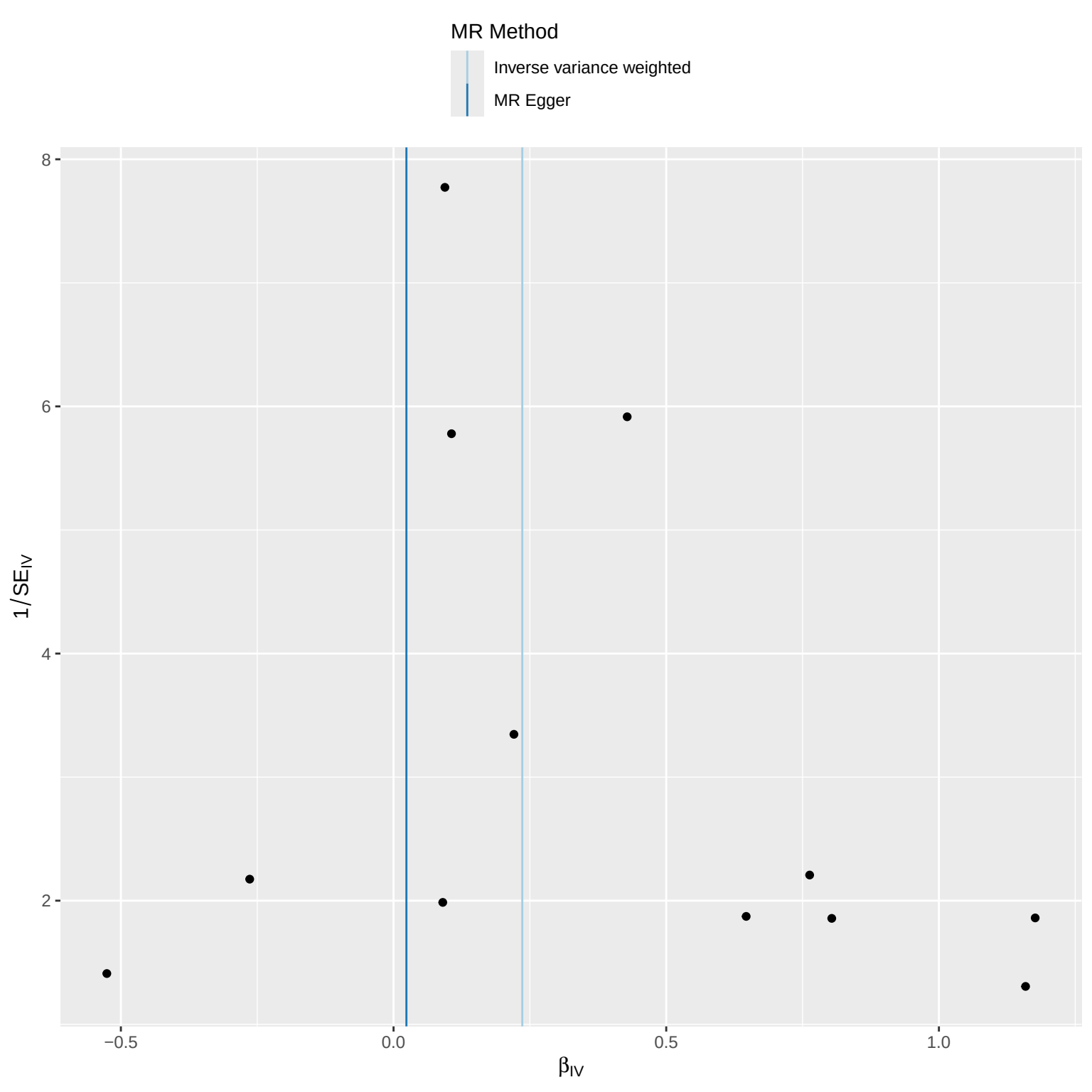

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

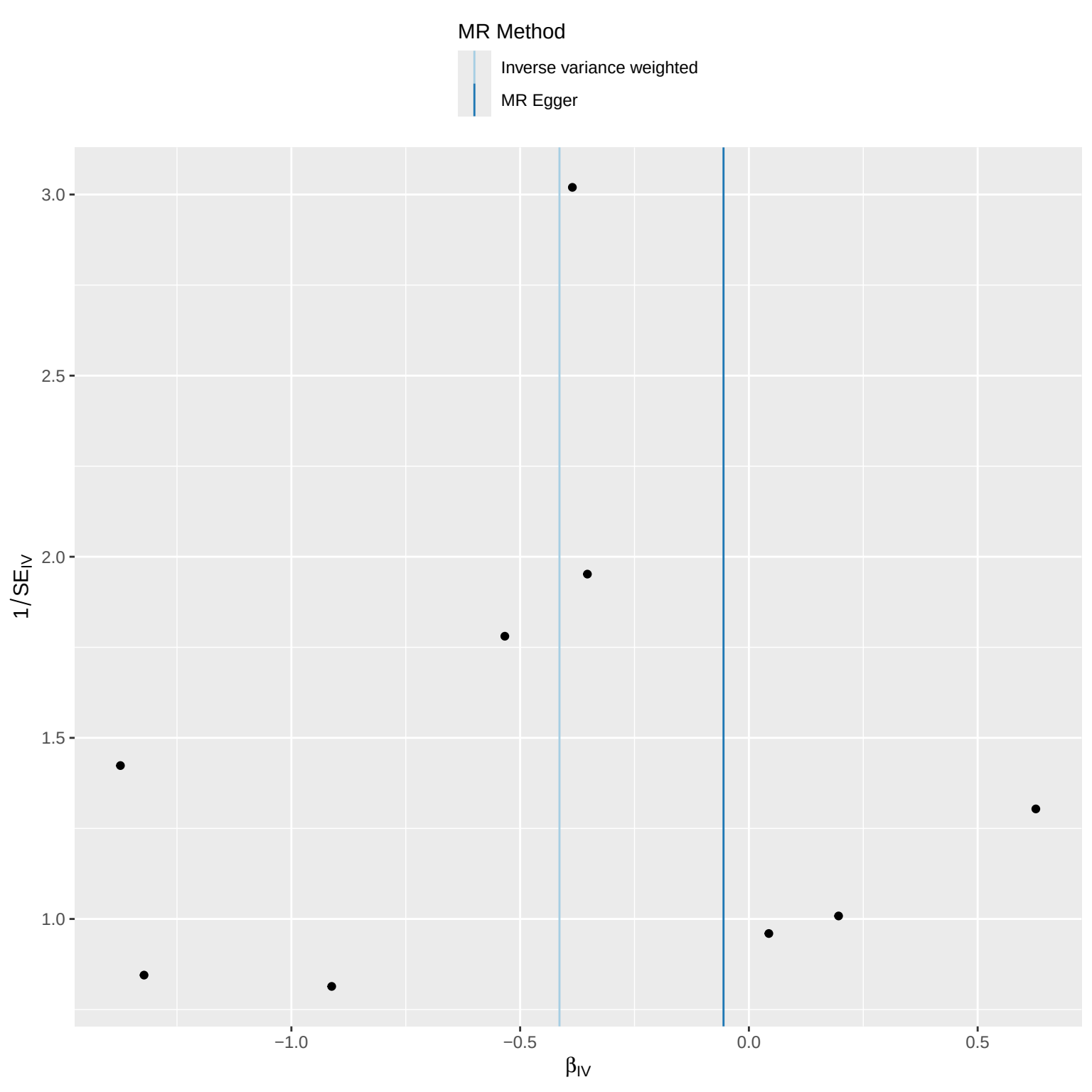

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

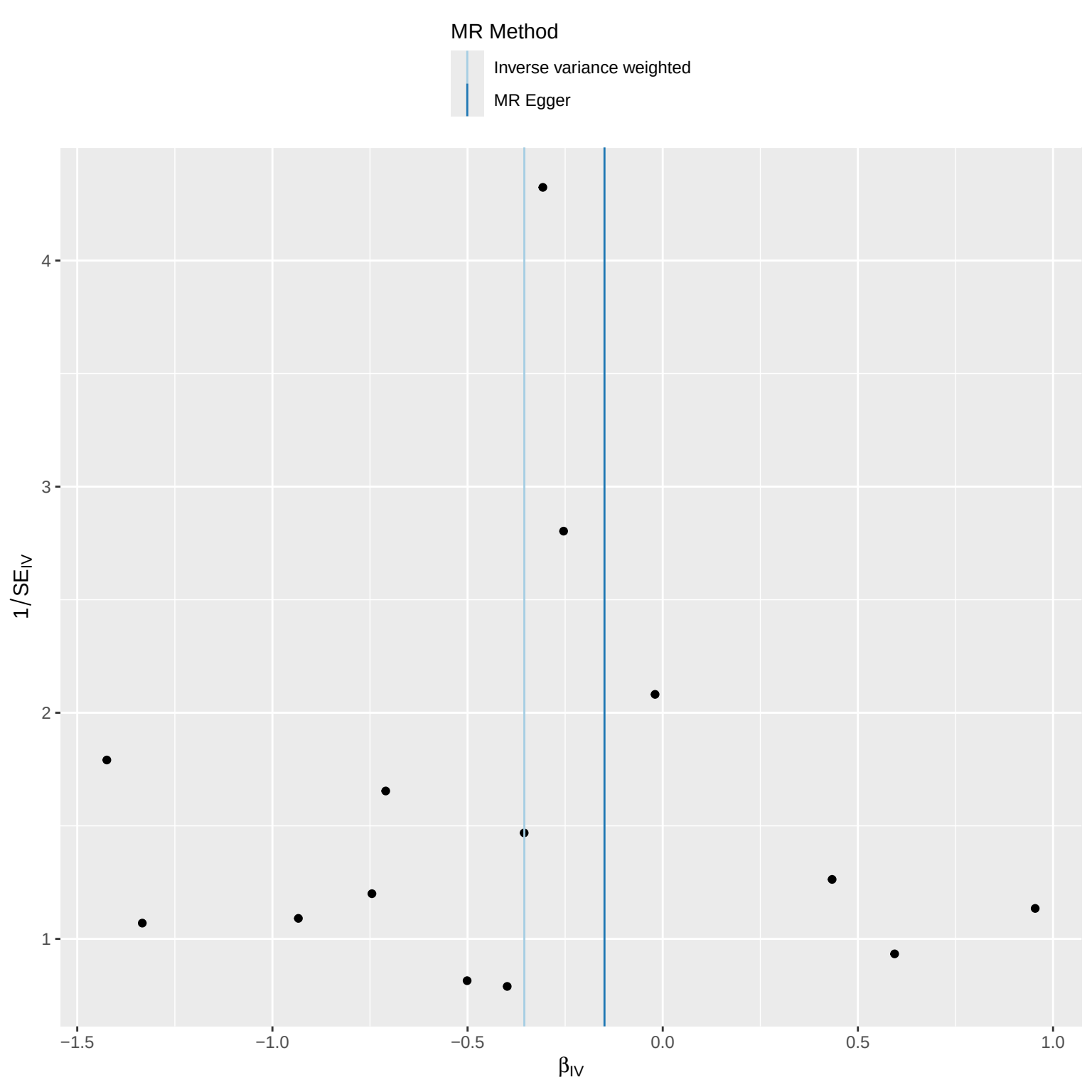

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

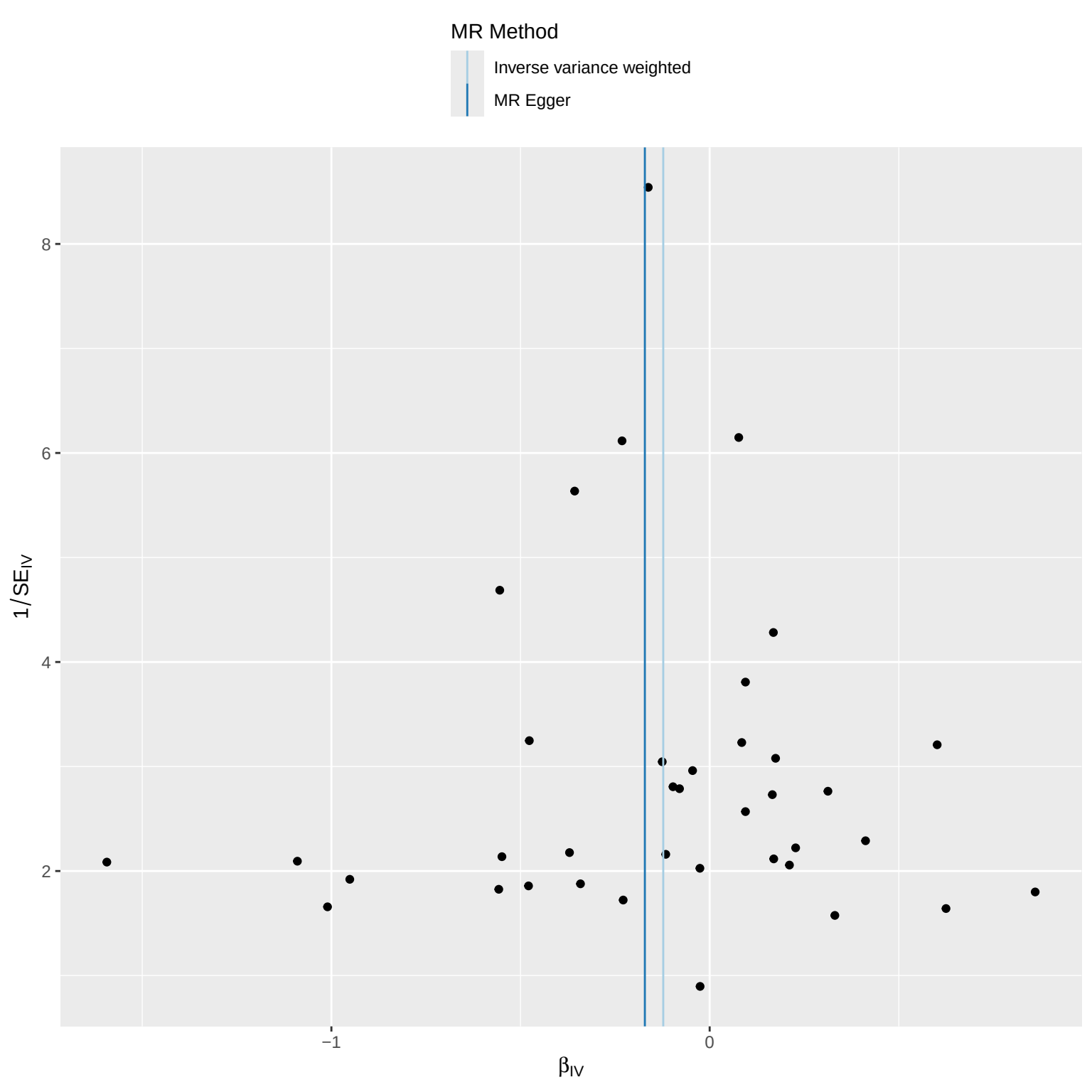

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

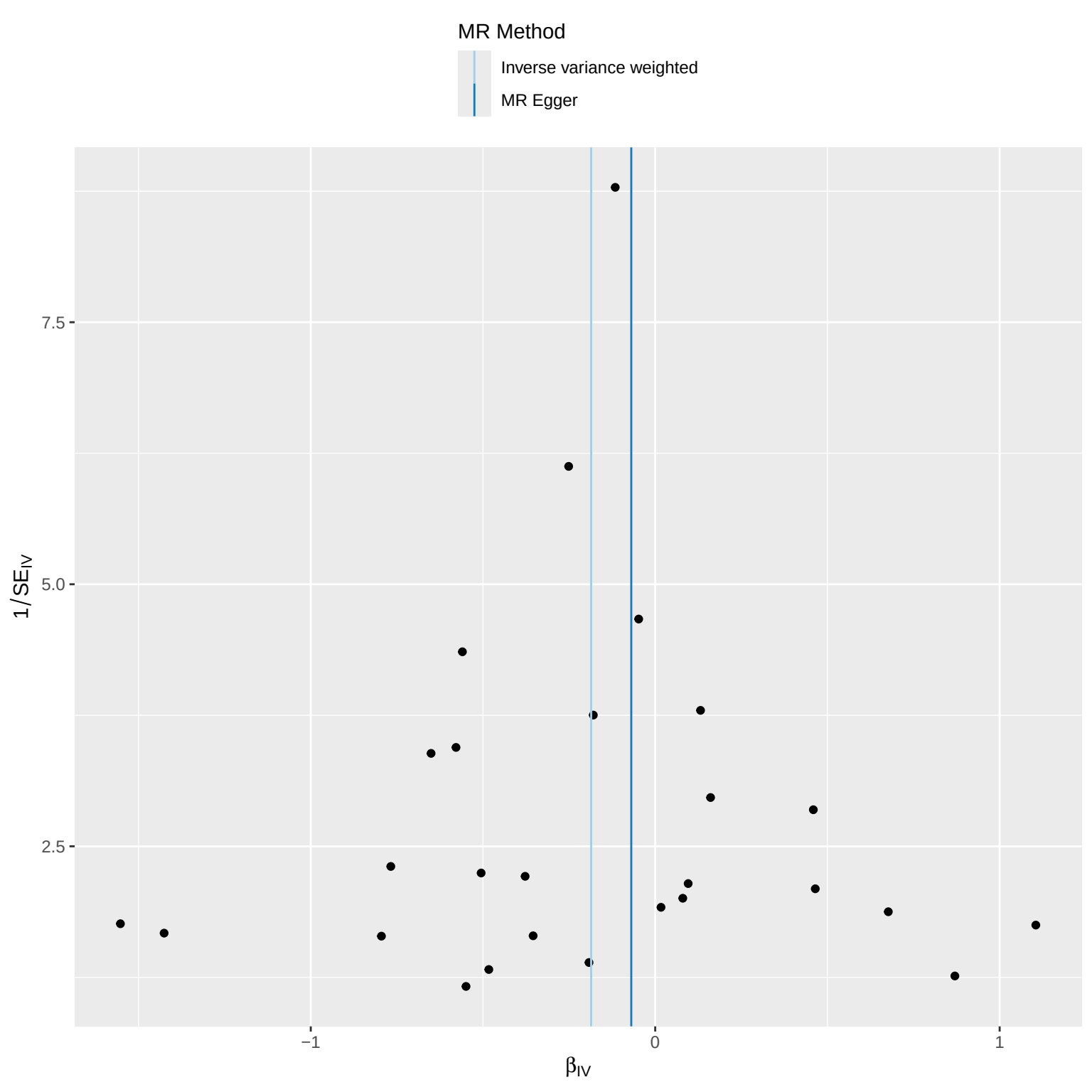

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
0.0
0.4
0.8
β_IV

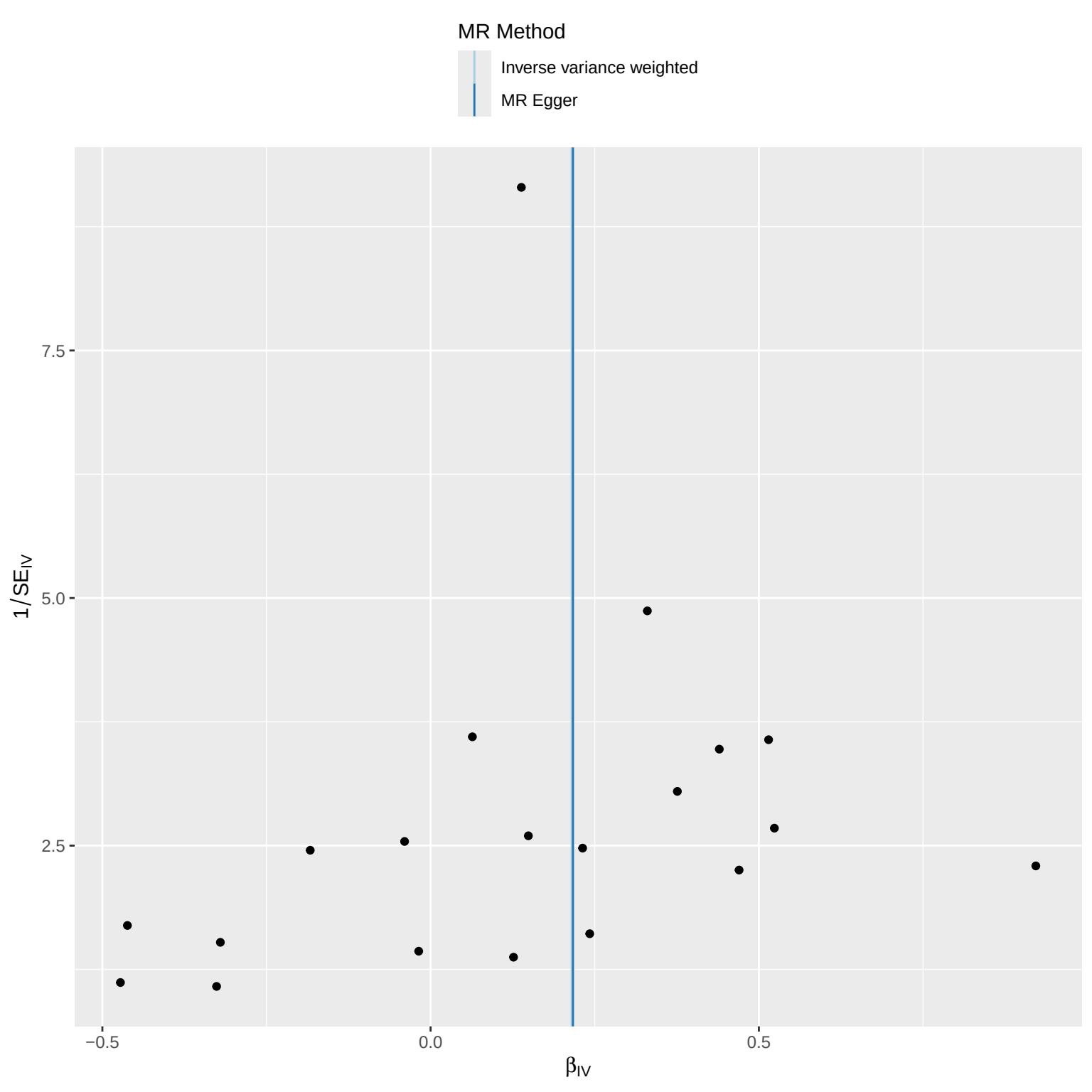

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

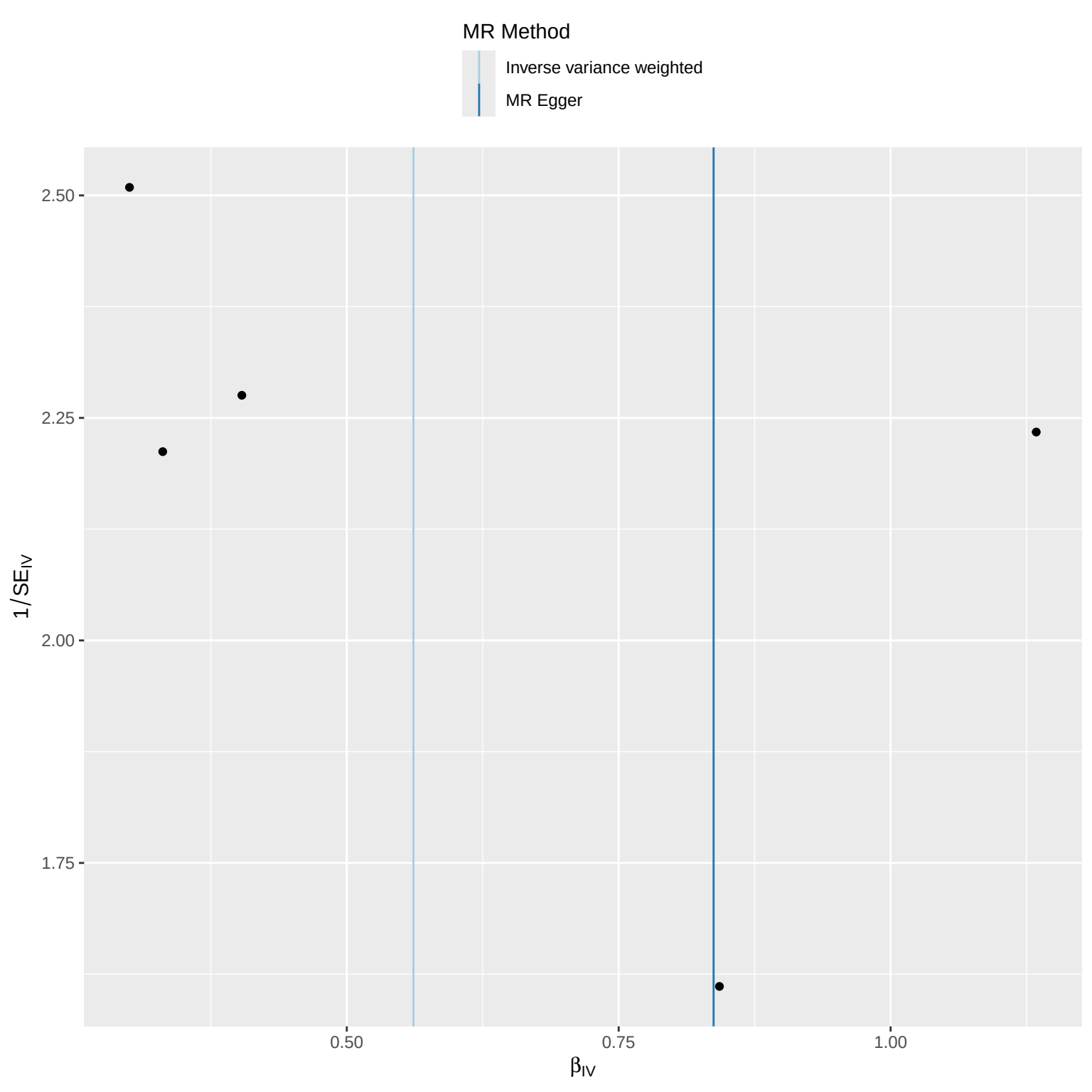

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

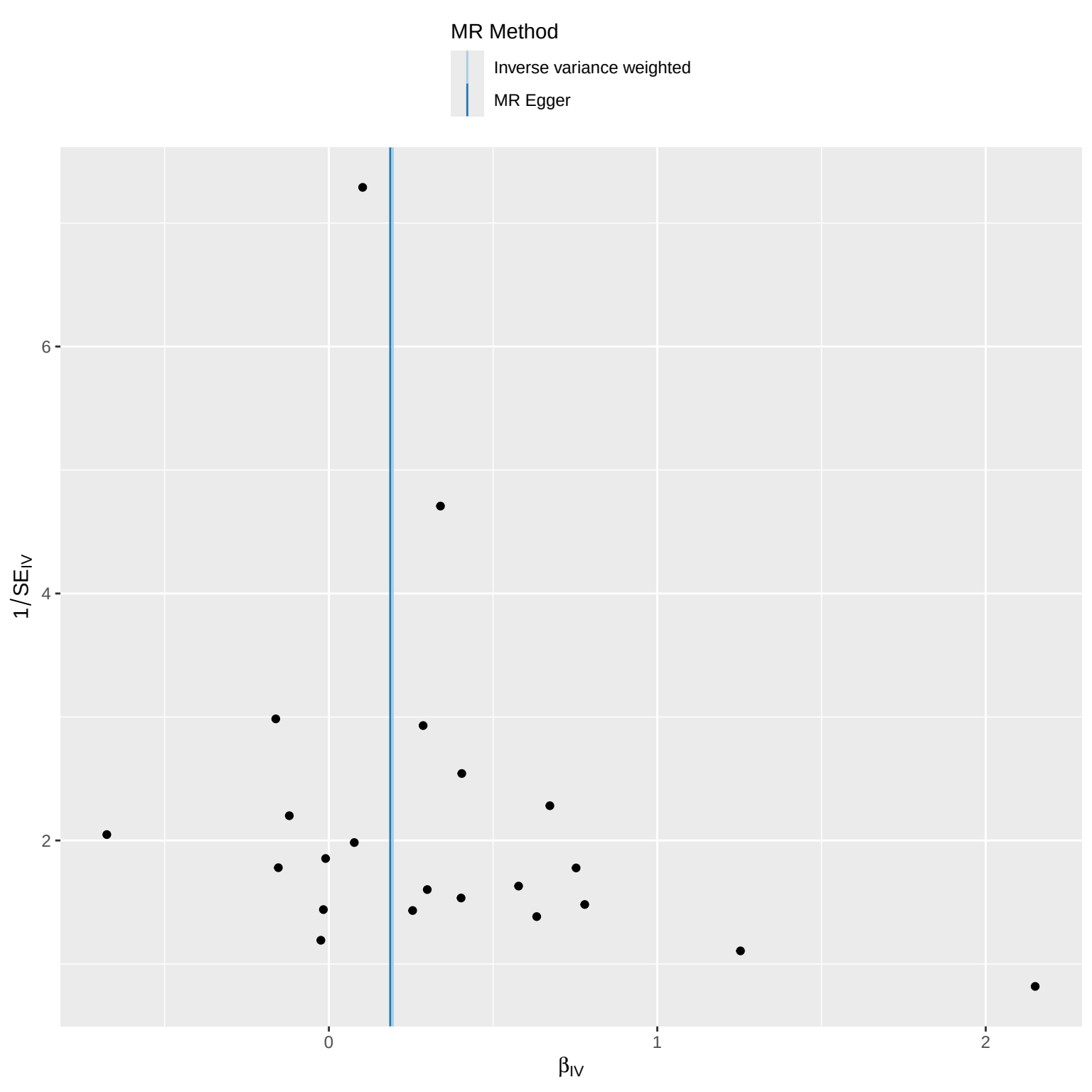

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

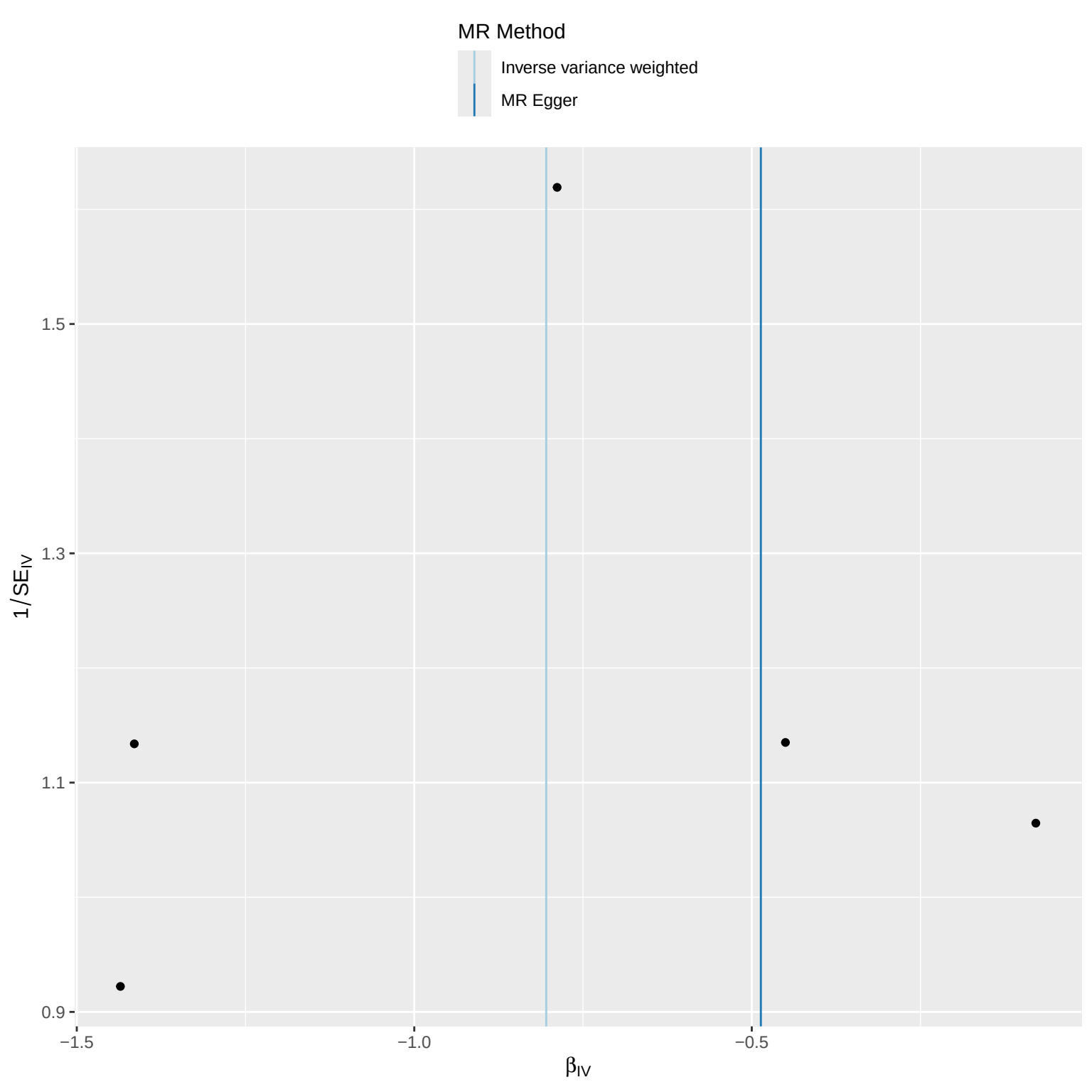

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
β_IV

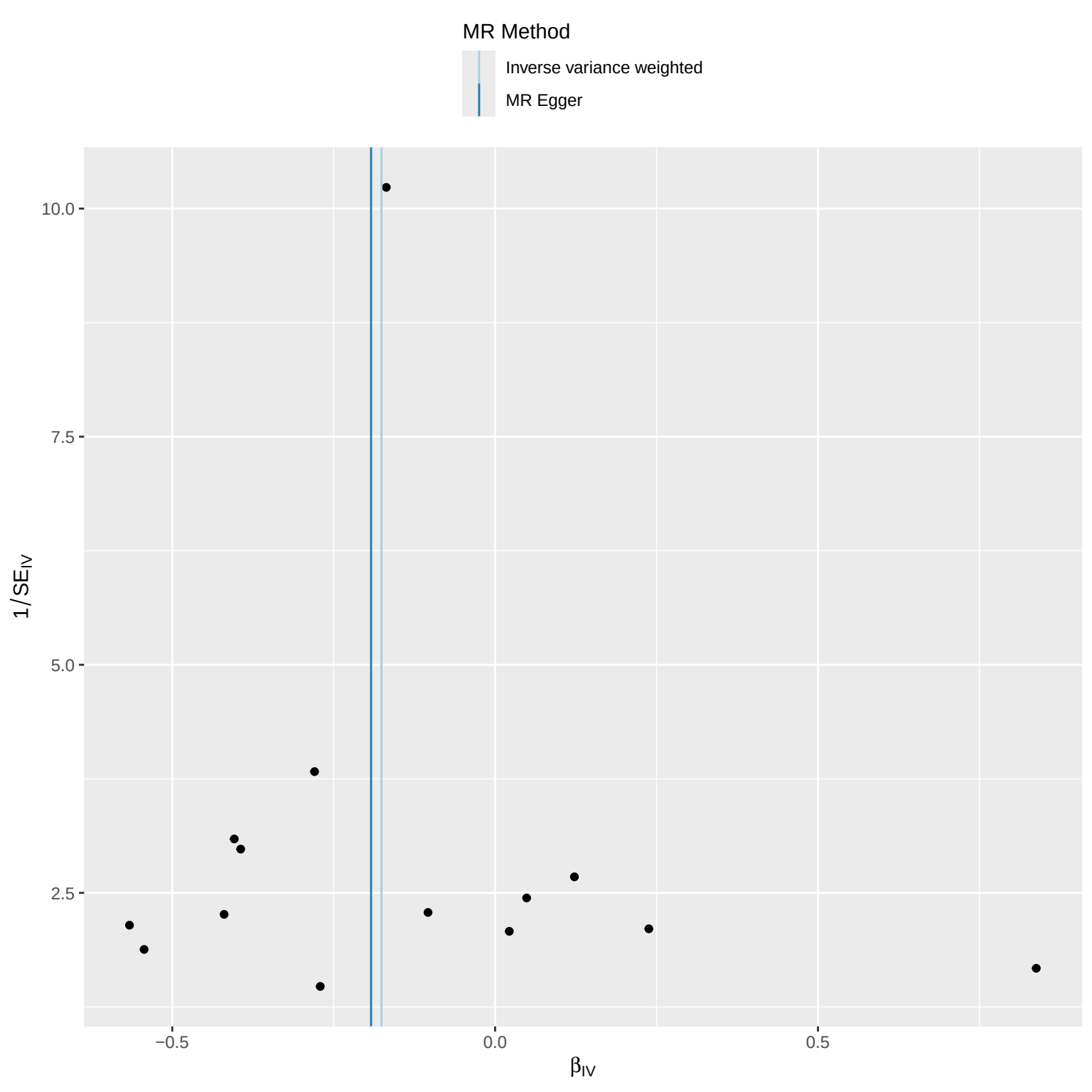

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

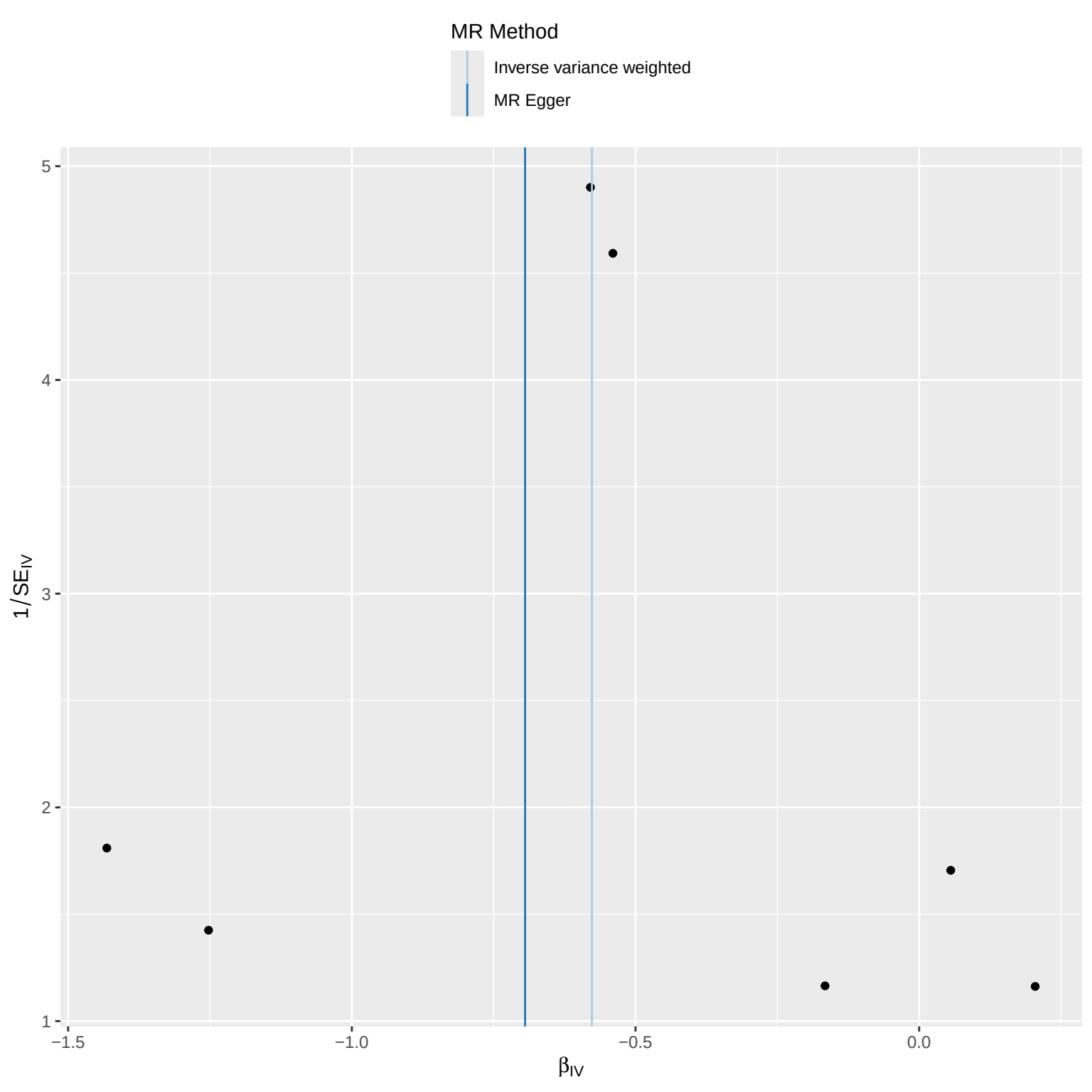

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

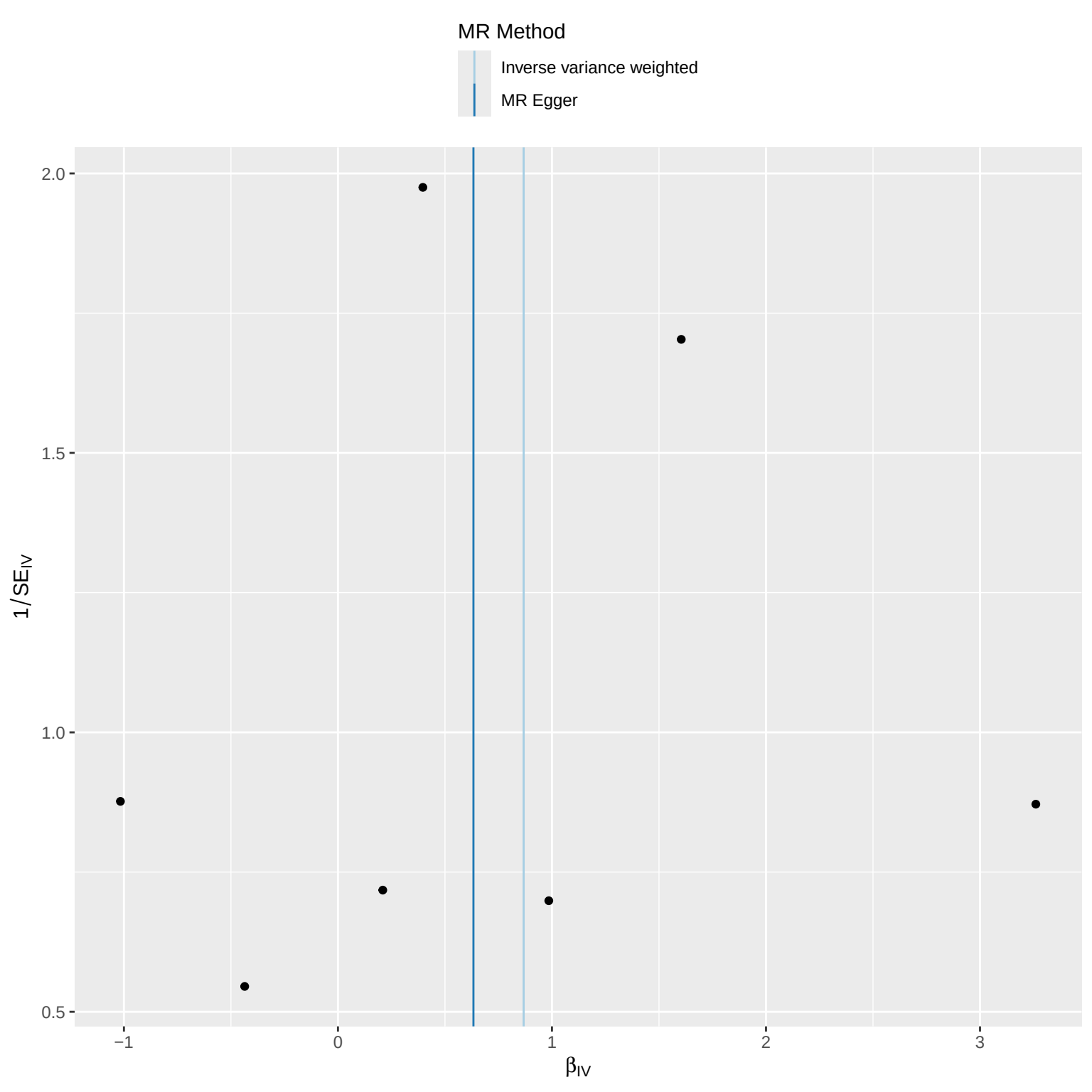

MR Method
Inverse variance weighted
MR Egger
2.50
2.25
2.00
1.75
1/SE_IV
0.50
0.75
1.00
β_IV

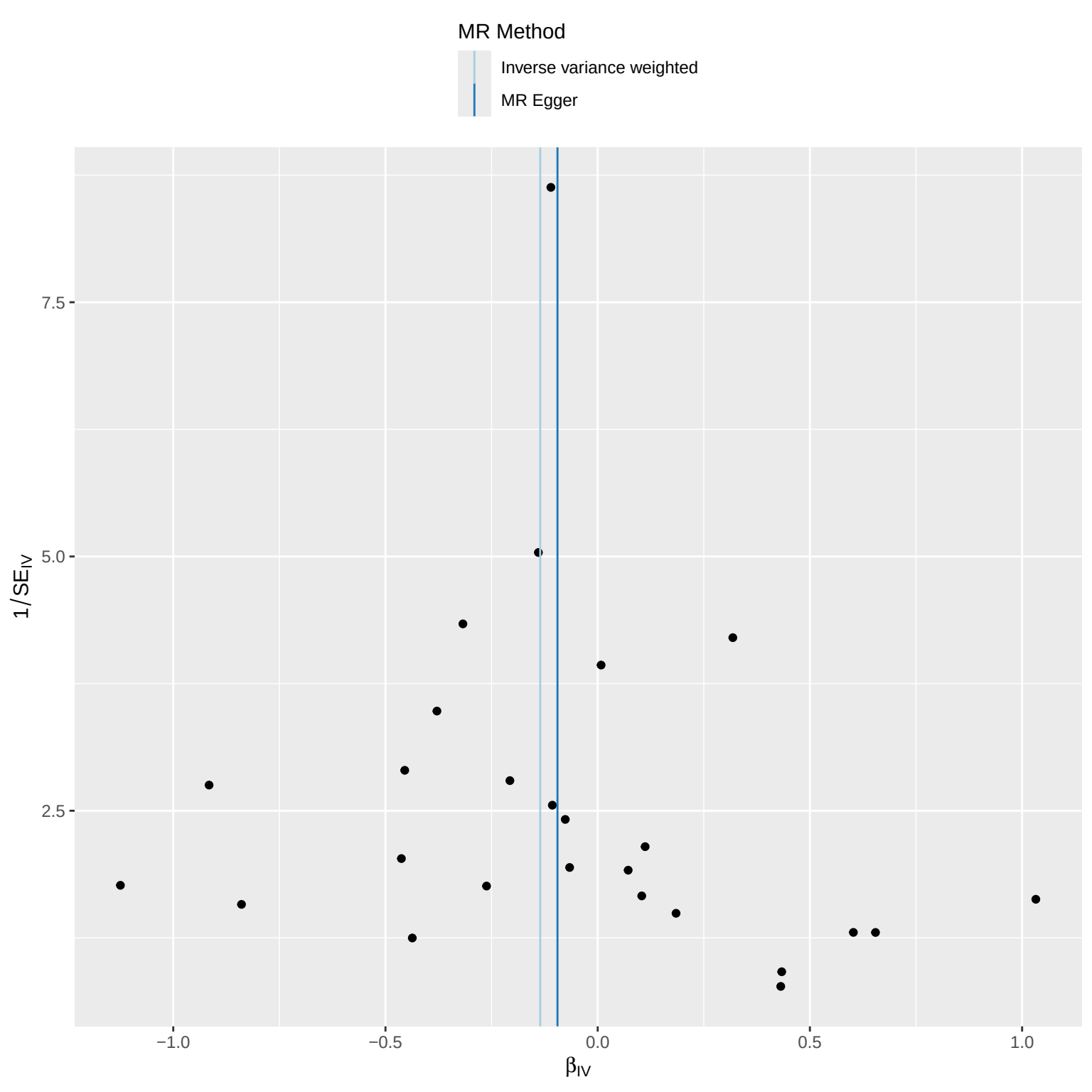

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

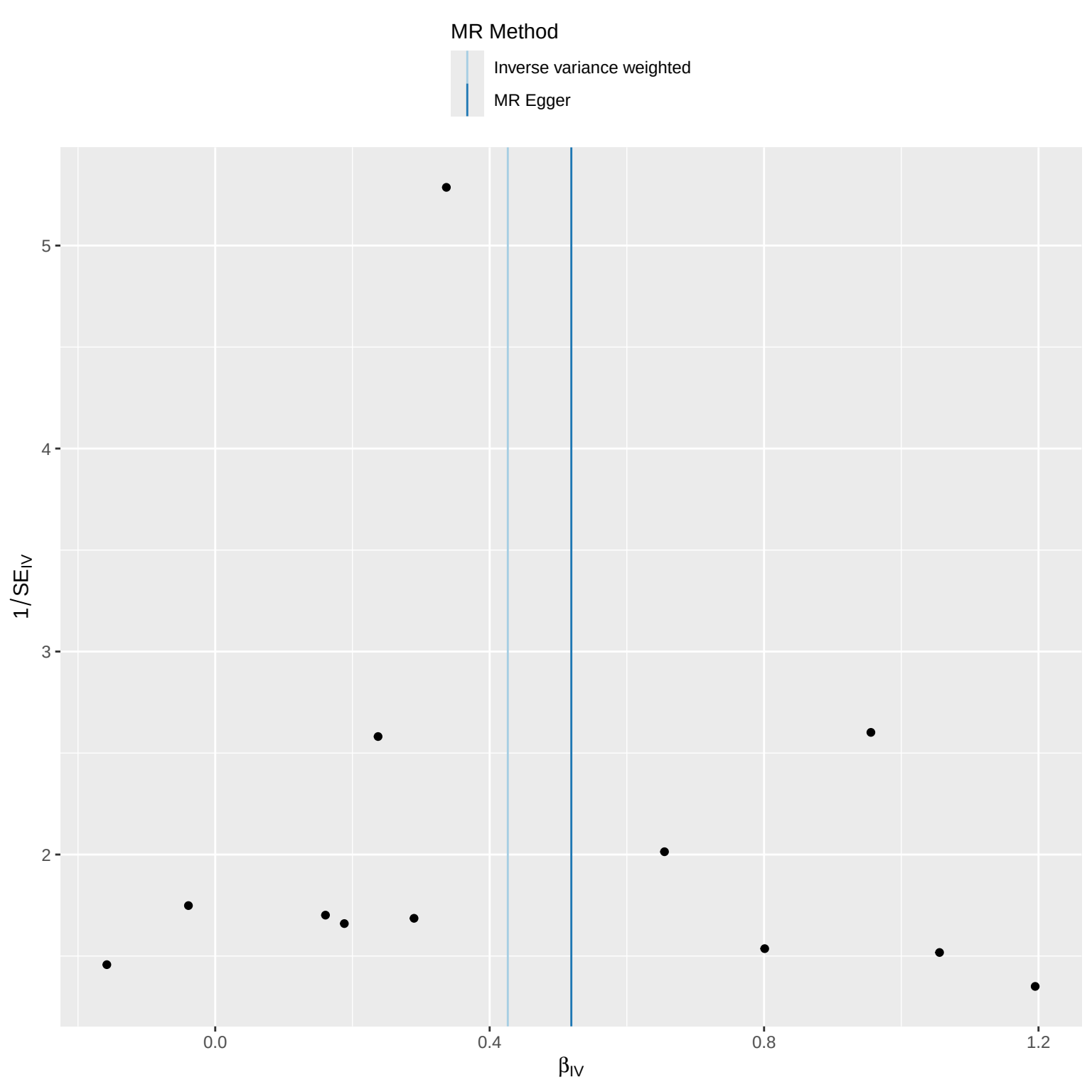

MR Method
Inverse variance weighted
MR Egger
1.5
1.3
1.1
0.9
1/SE_IV
−1.5
−1.0
−0.5
β_IV

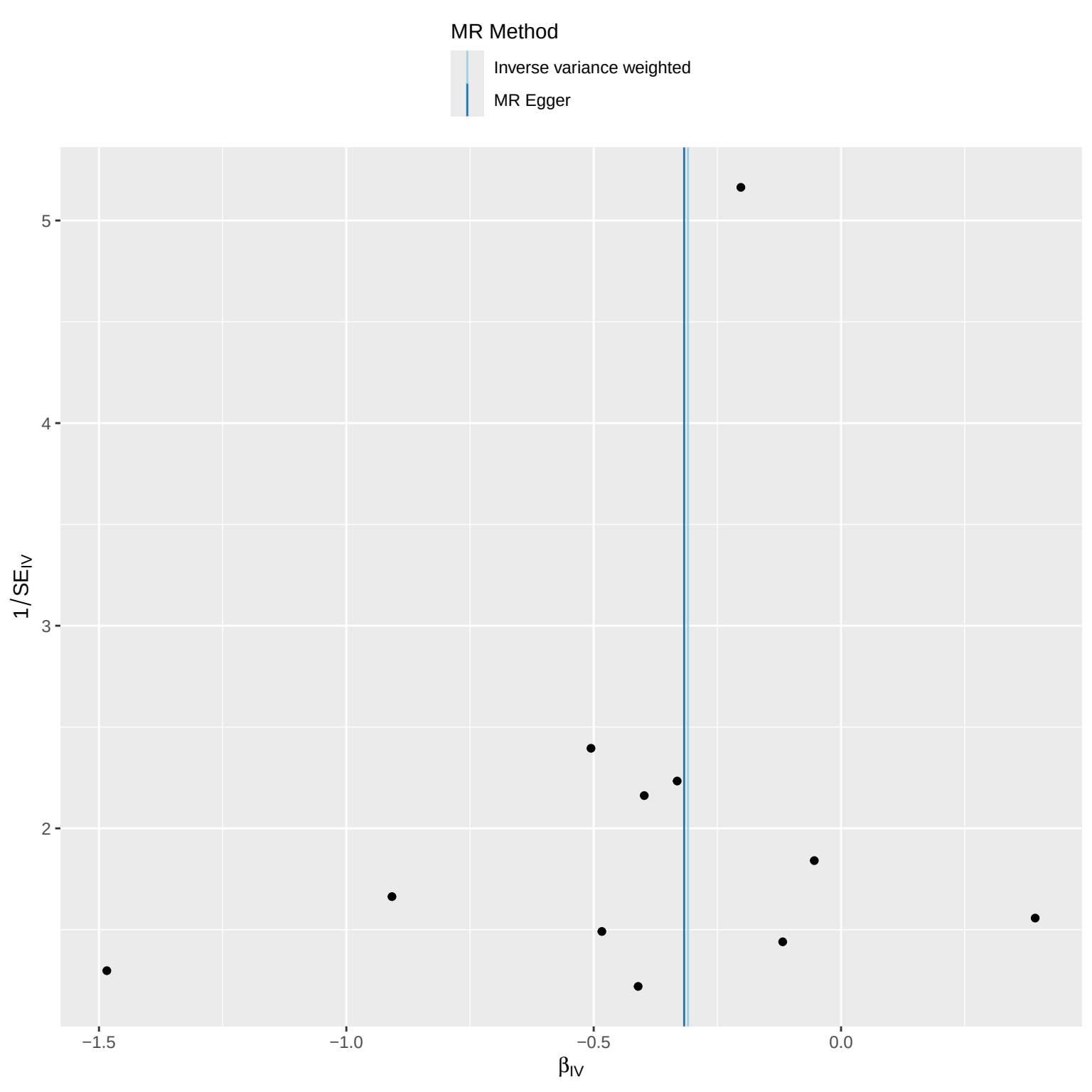

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
β_IV

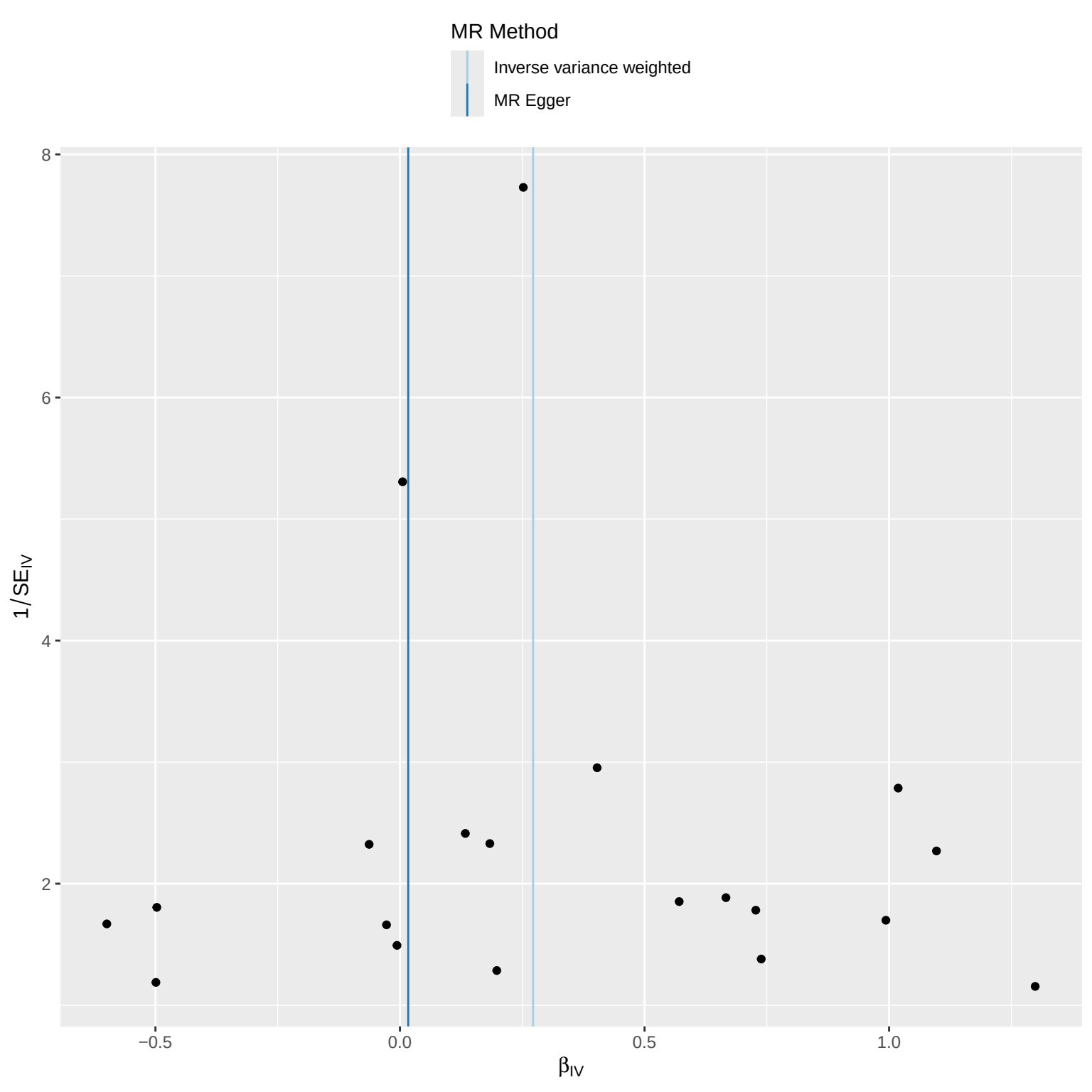

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

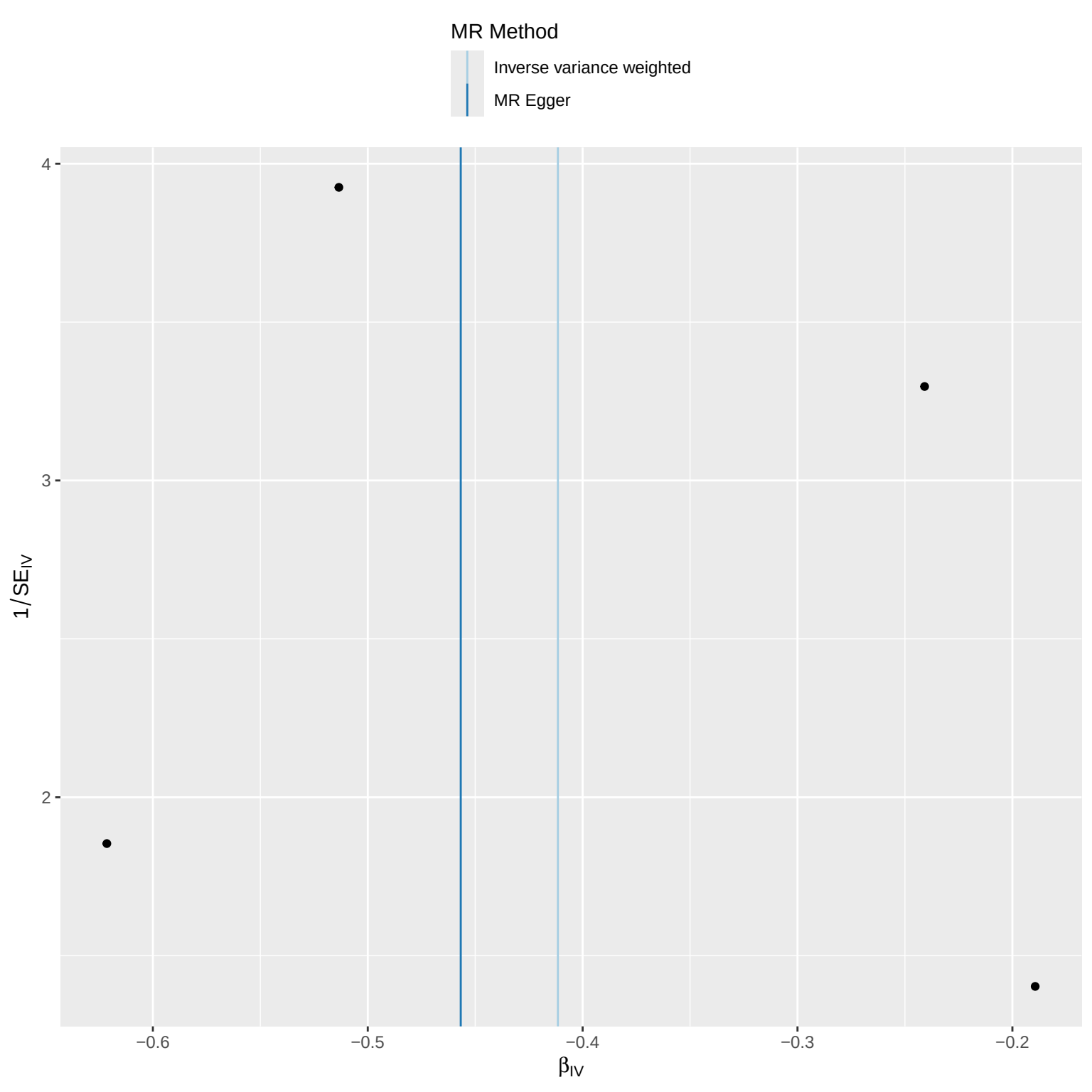

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

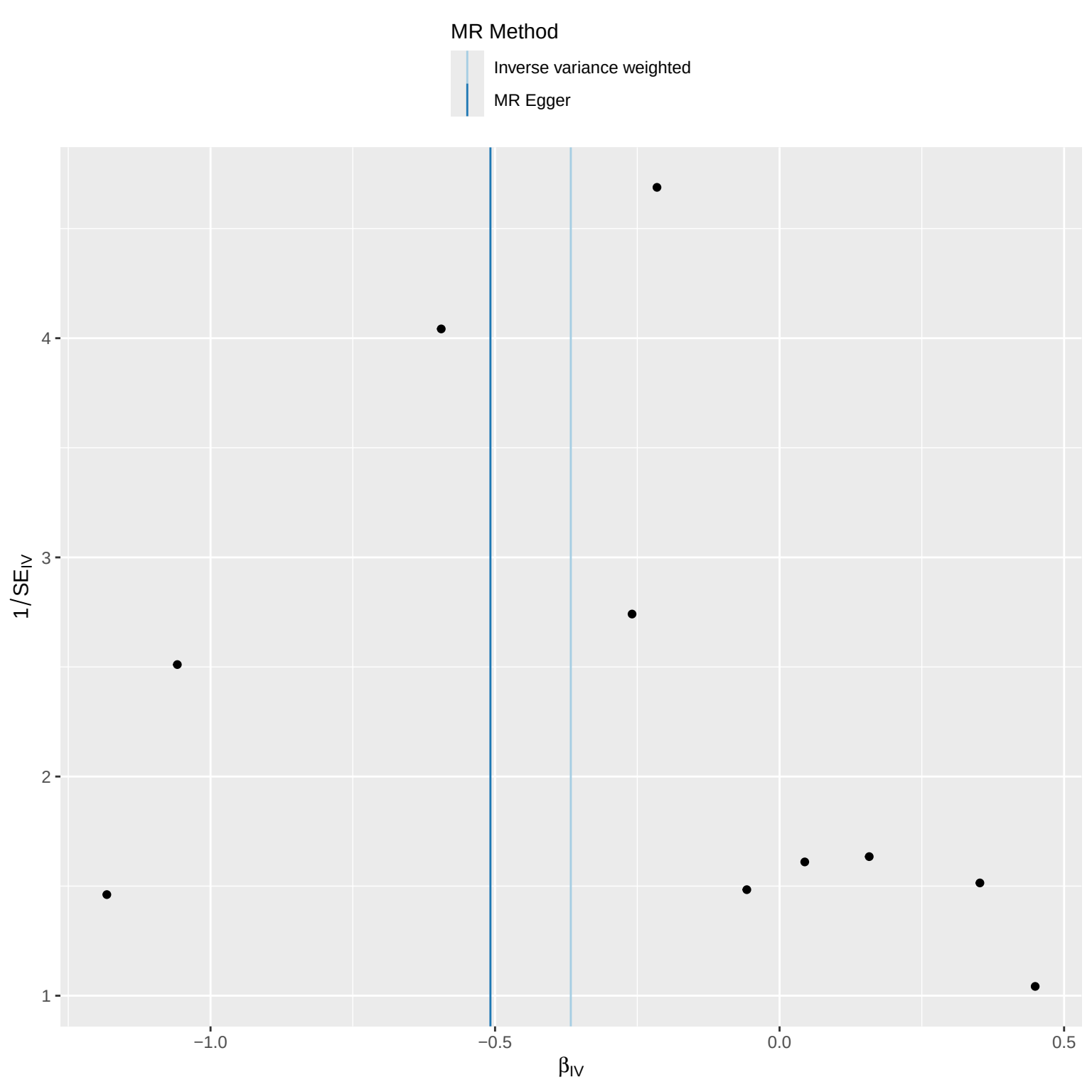

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

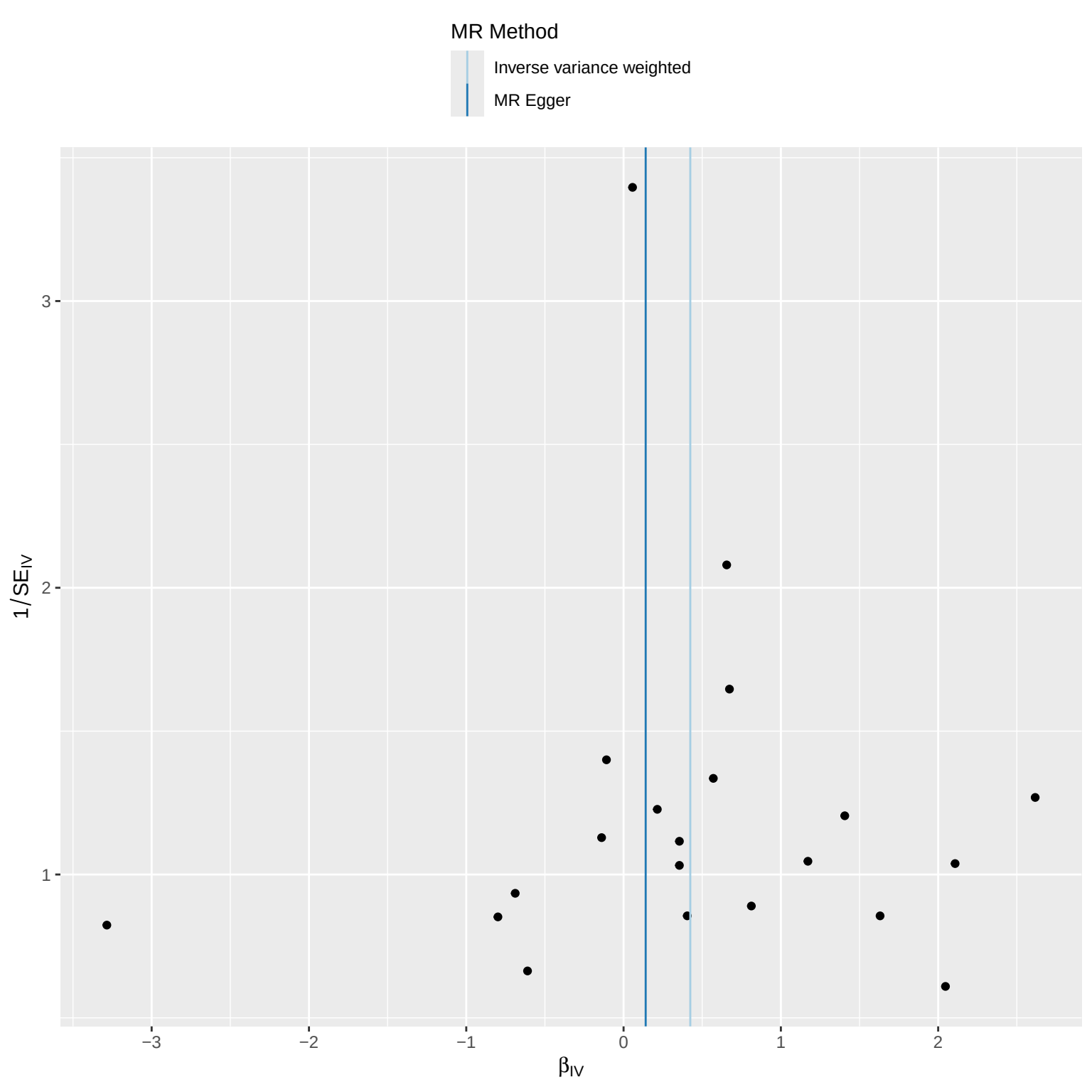

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

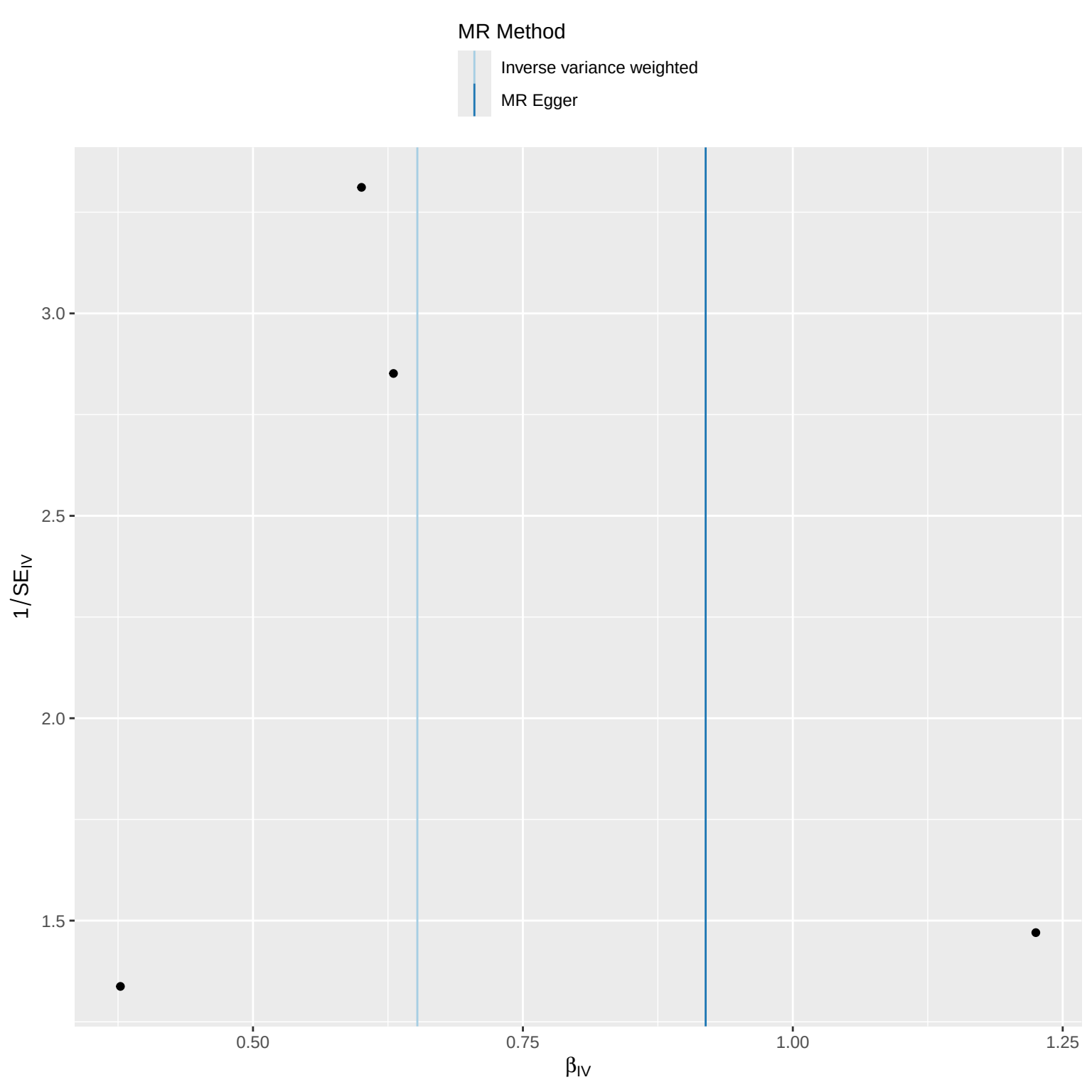

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

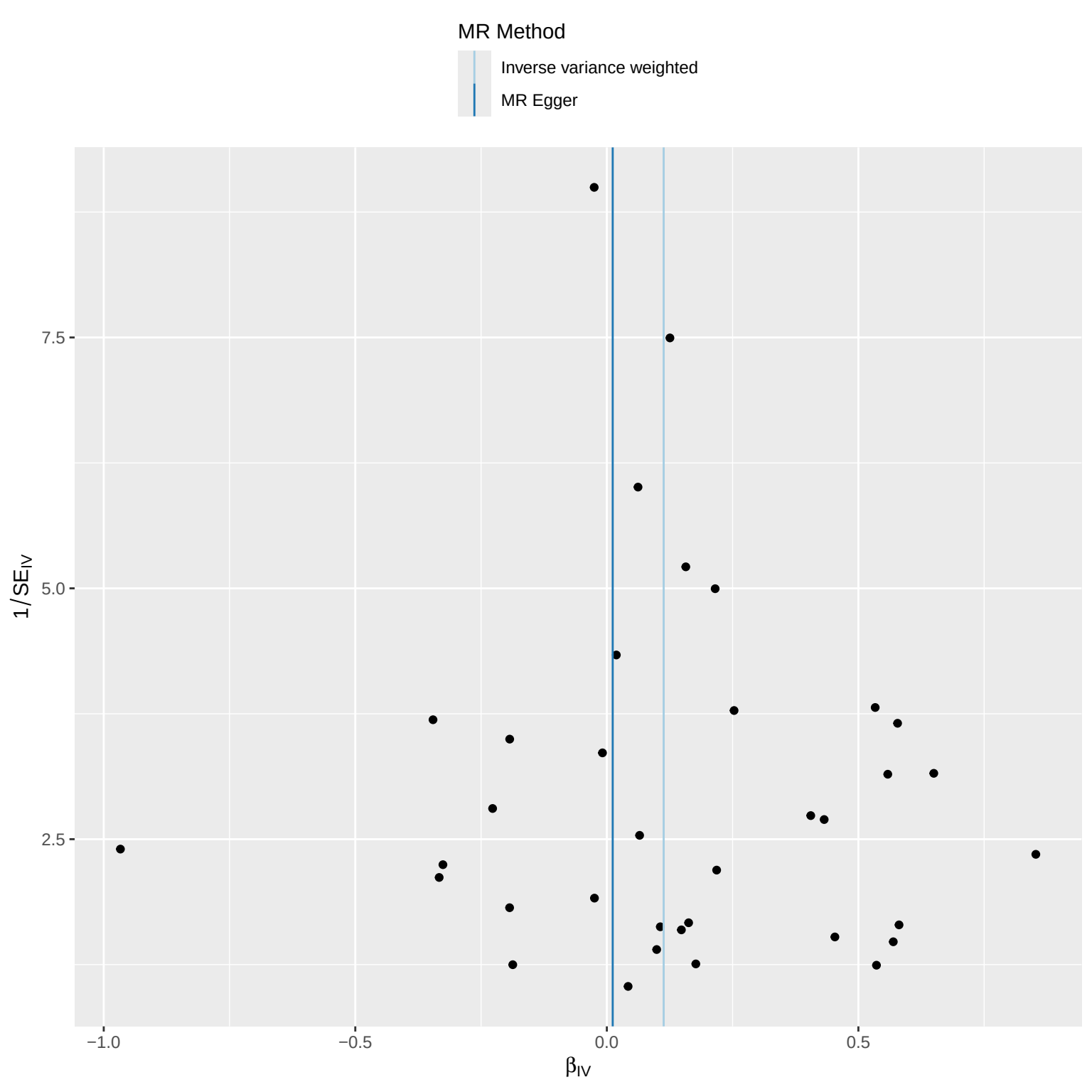

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

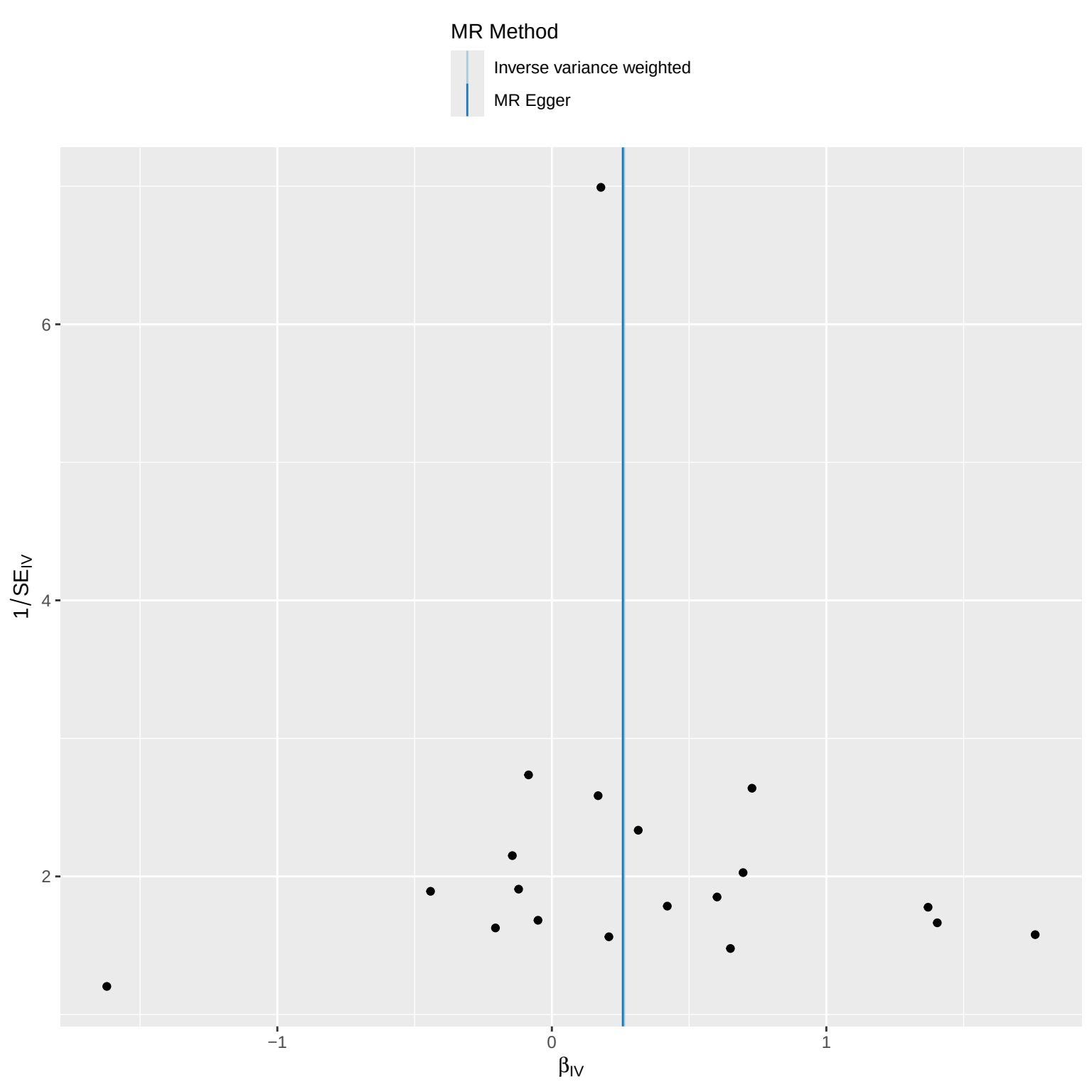

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.6
−0.5
−0.4
−0.3
−0.2
β_IV

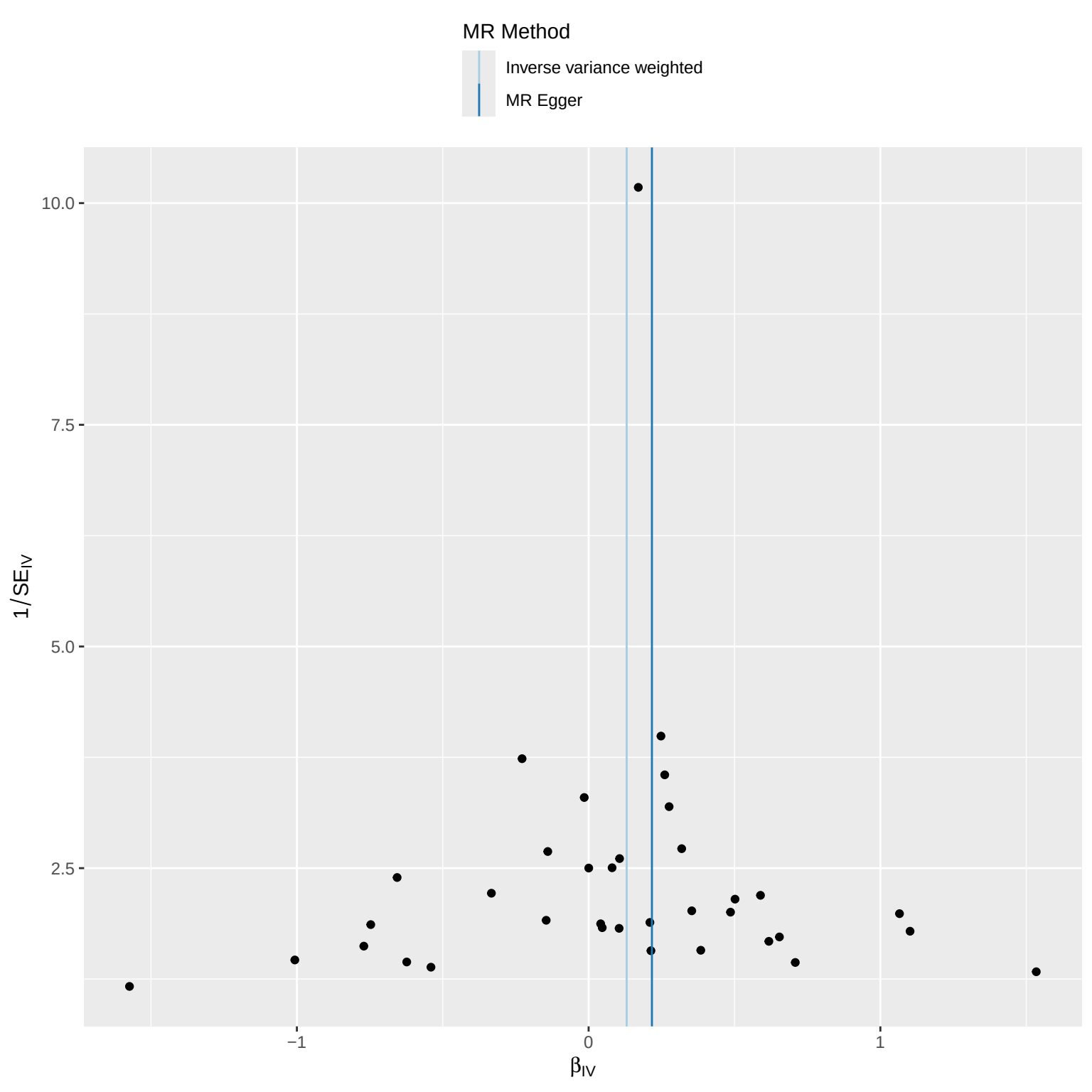

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
4
3
2
1
−1.0
−0.5
0.0
0.5
β_IV

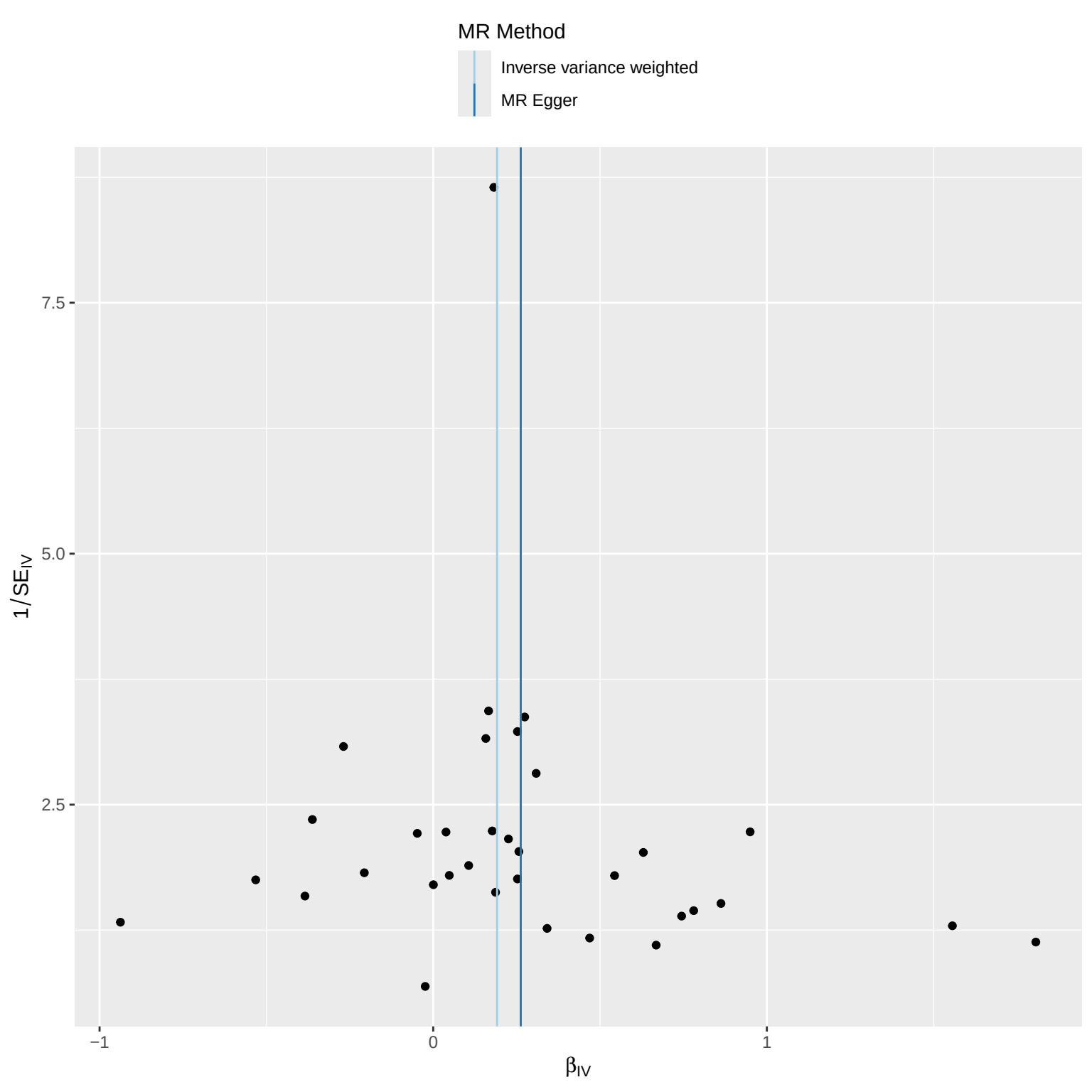

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

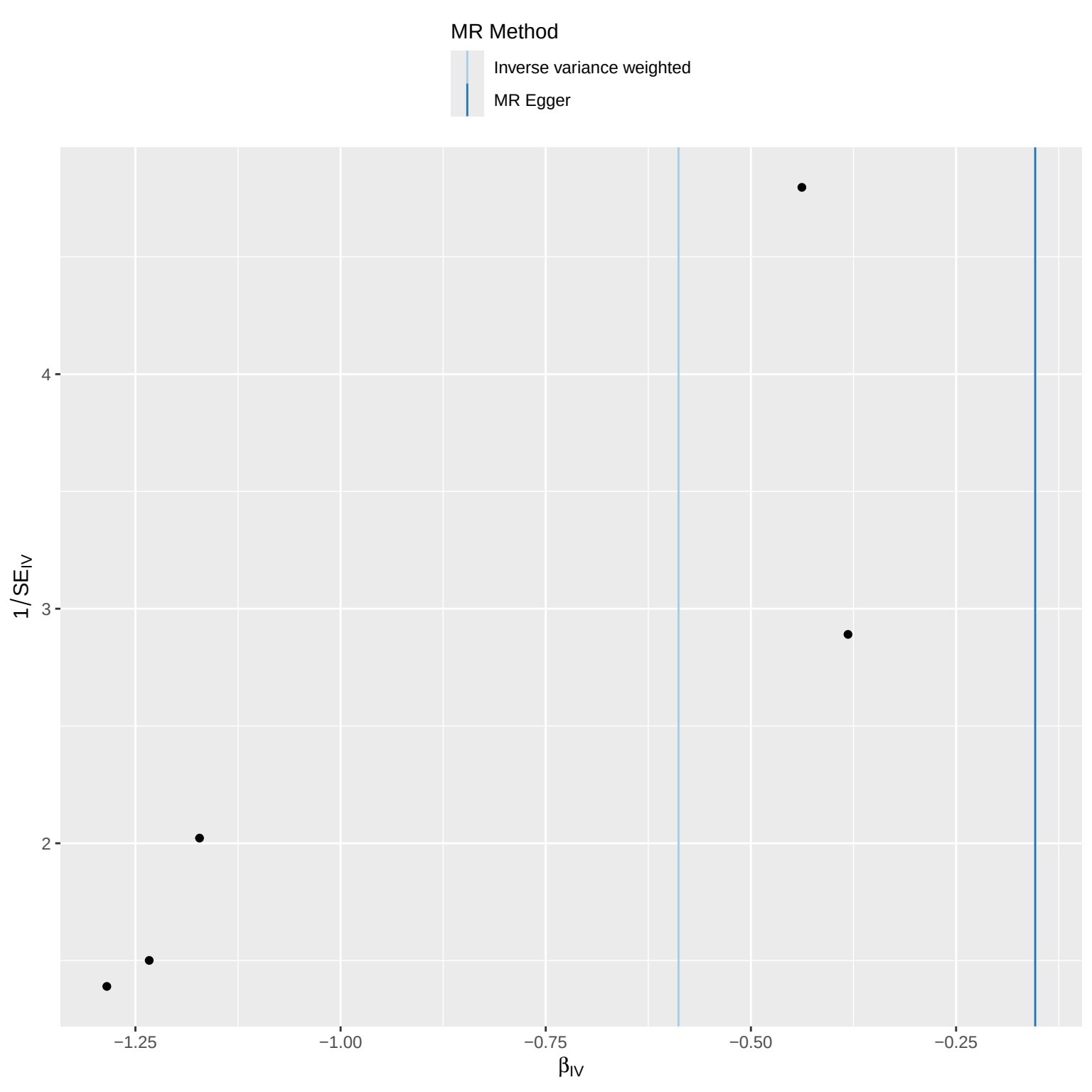

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.50
0.75
1.00
1.25
β_IV

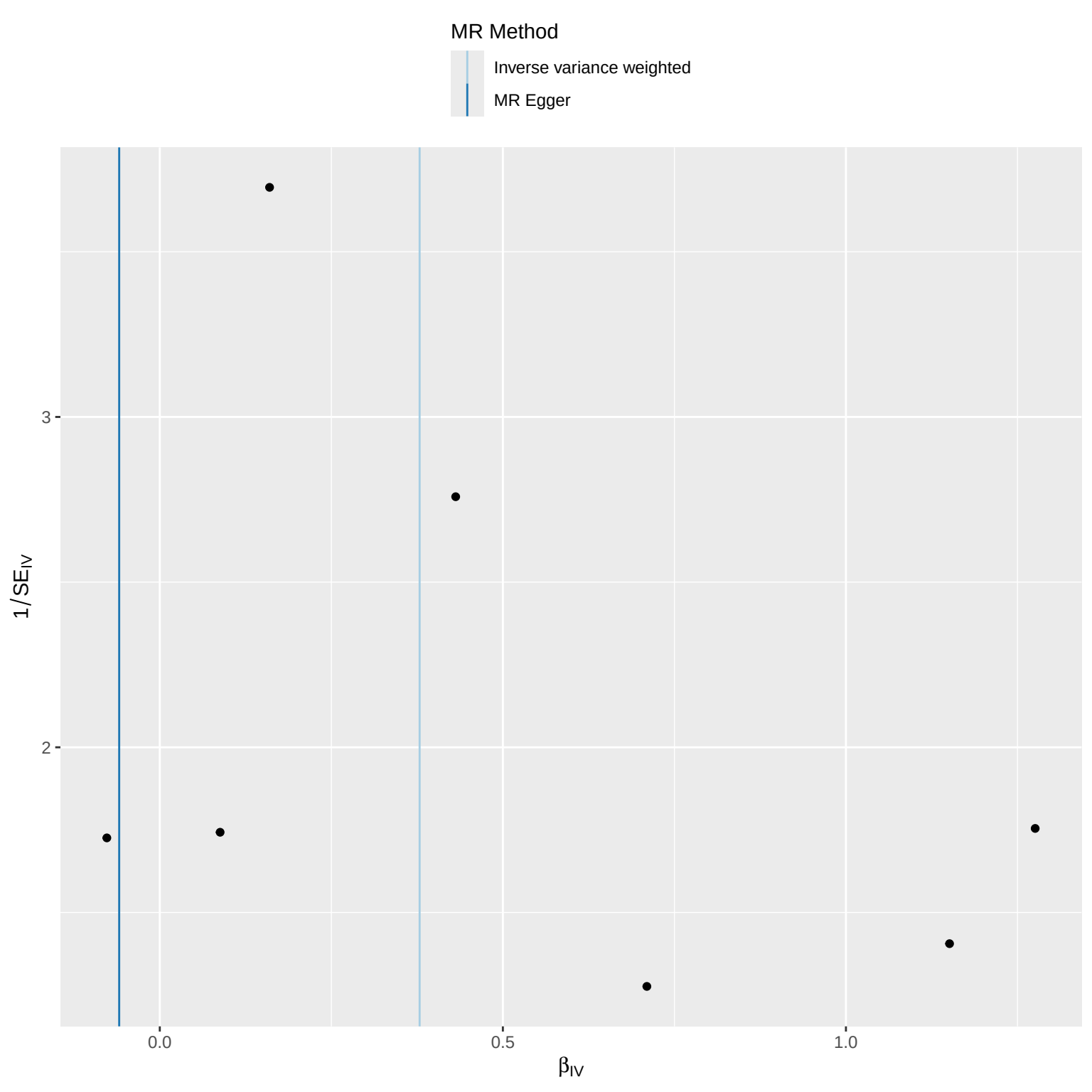

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

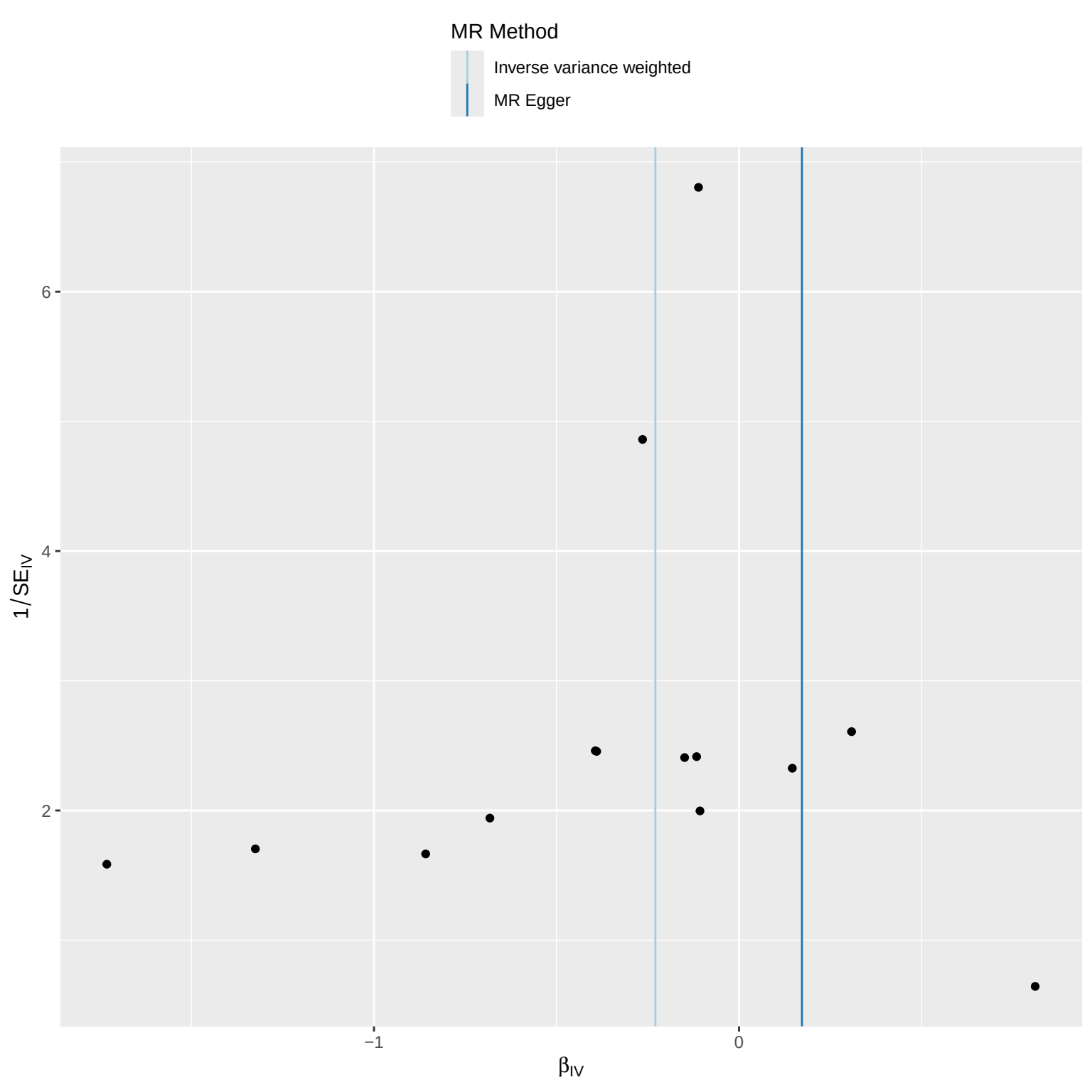

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
β_IV

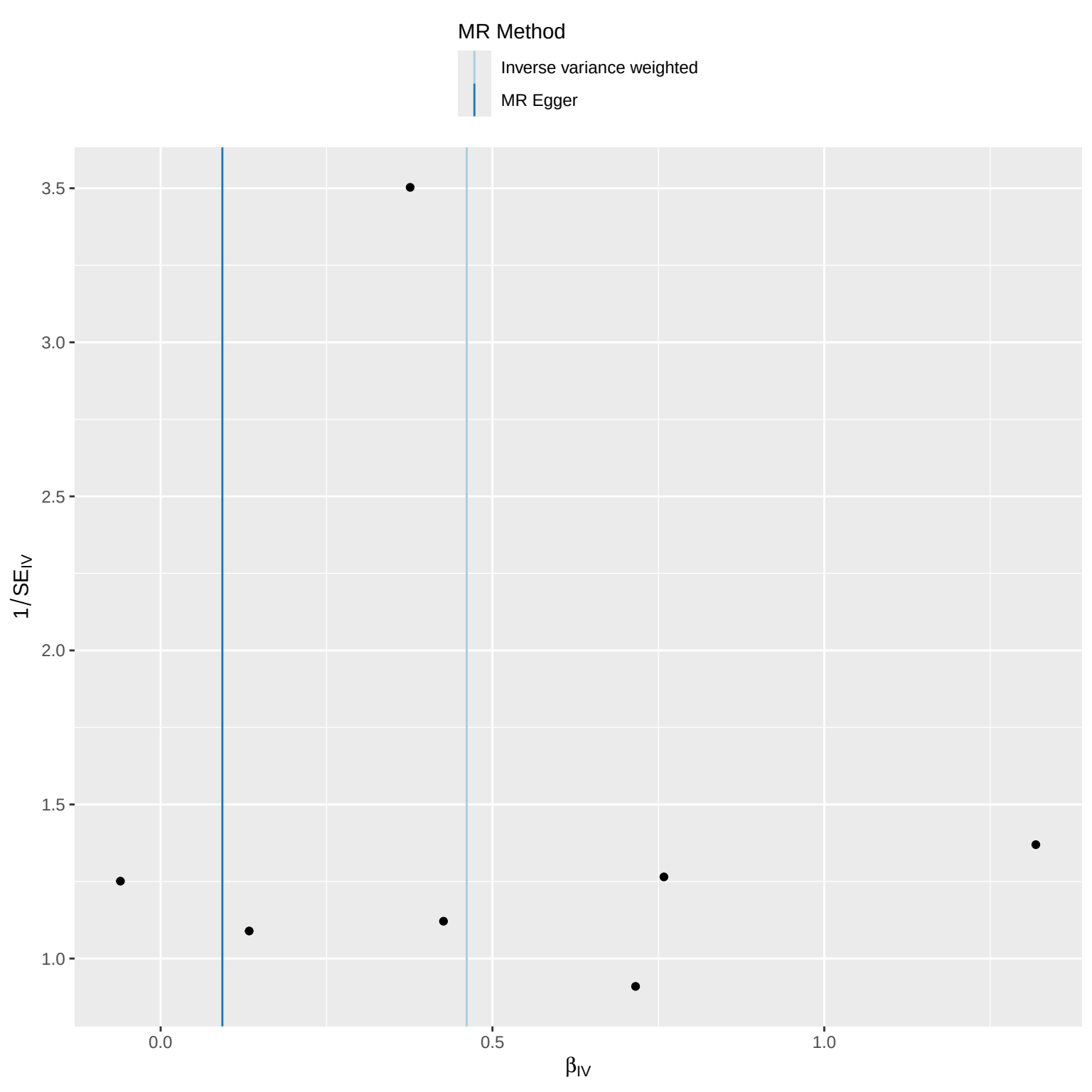

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

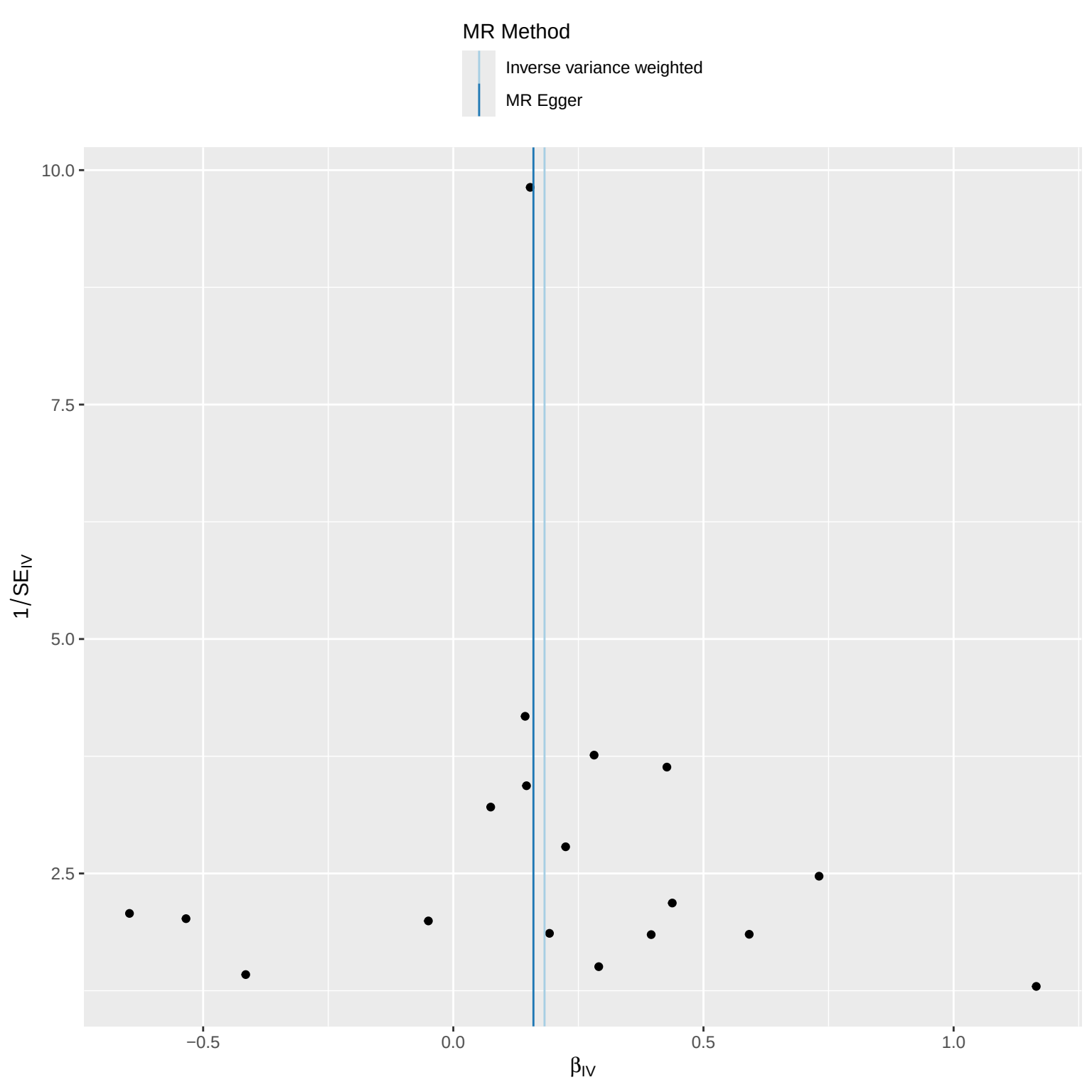

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

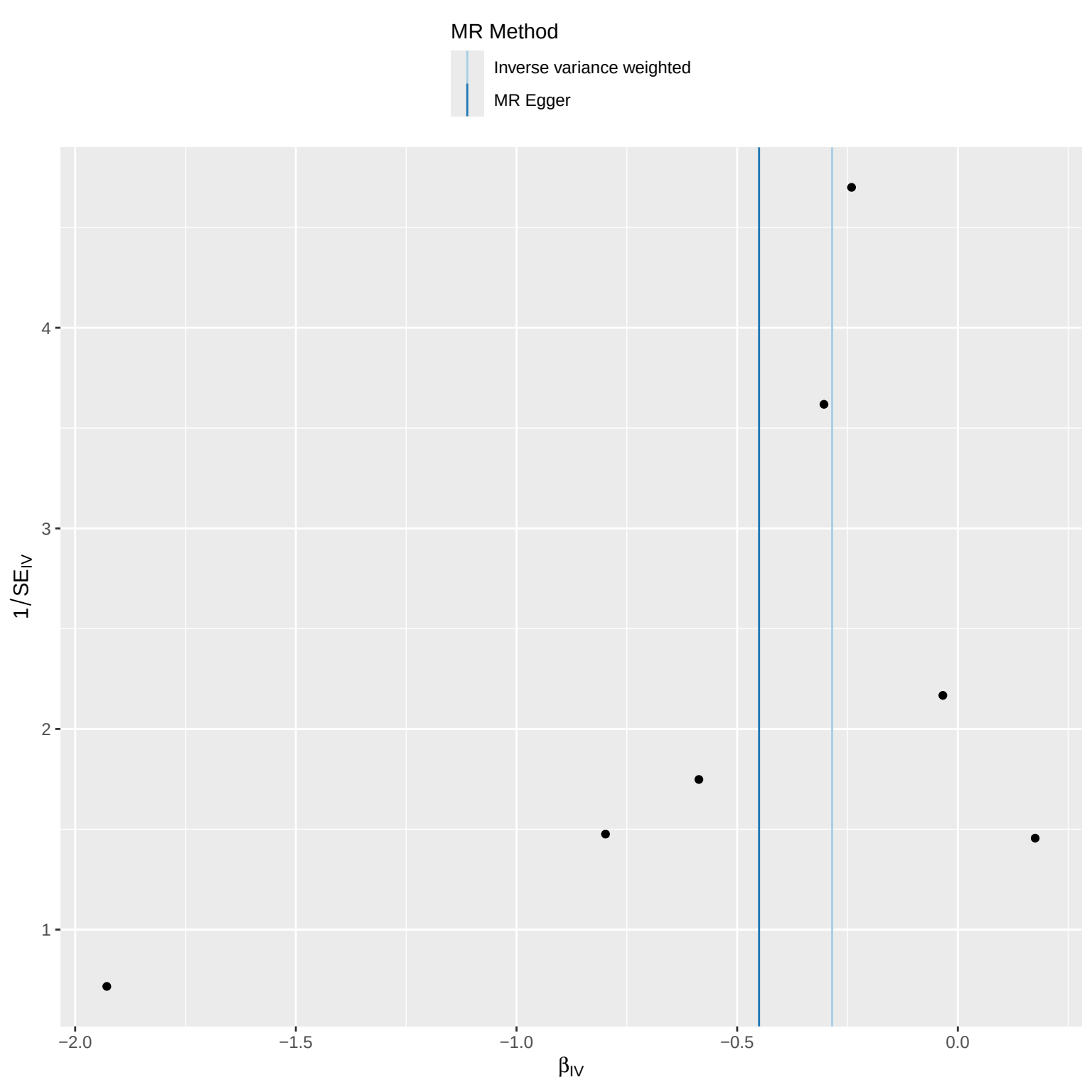

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.25
−1.00
−0.75
−0.50
−0.25
β_IV

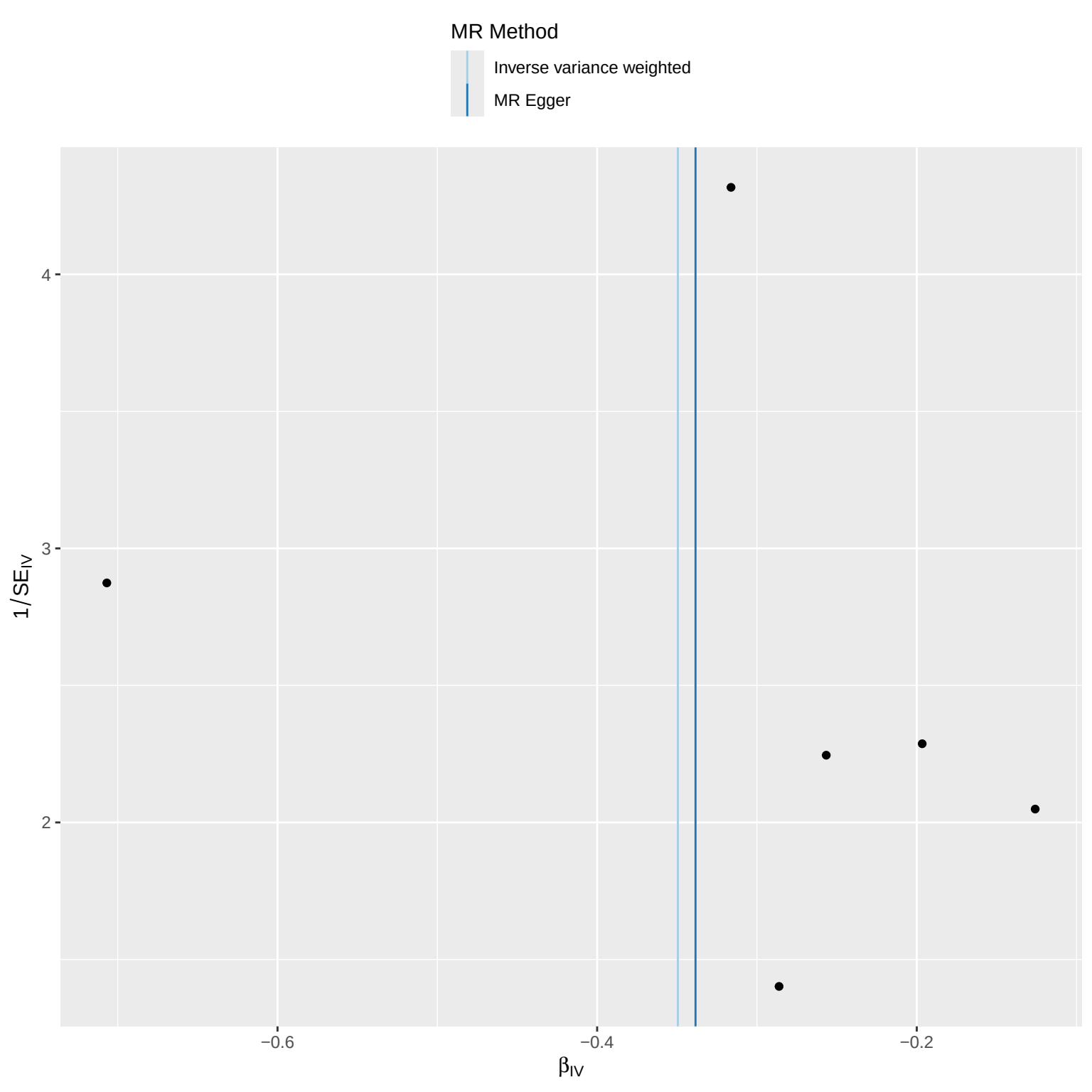

MR Method
Inverse variance weighted
MR Egger
3
2
1/SE_IV
0.0
0.5
1.0
β_IV

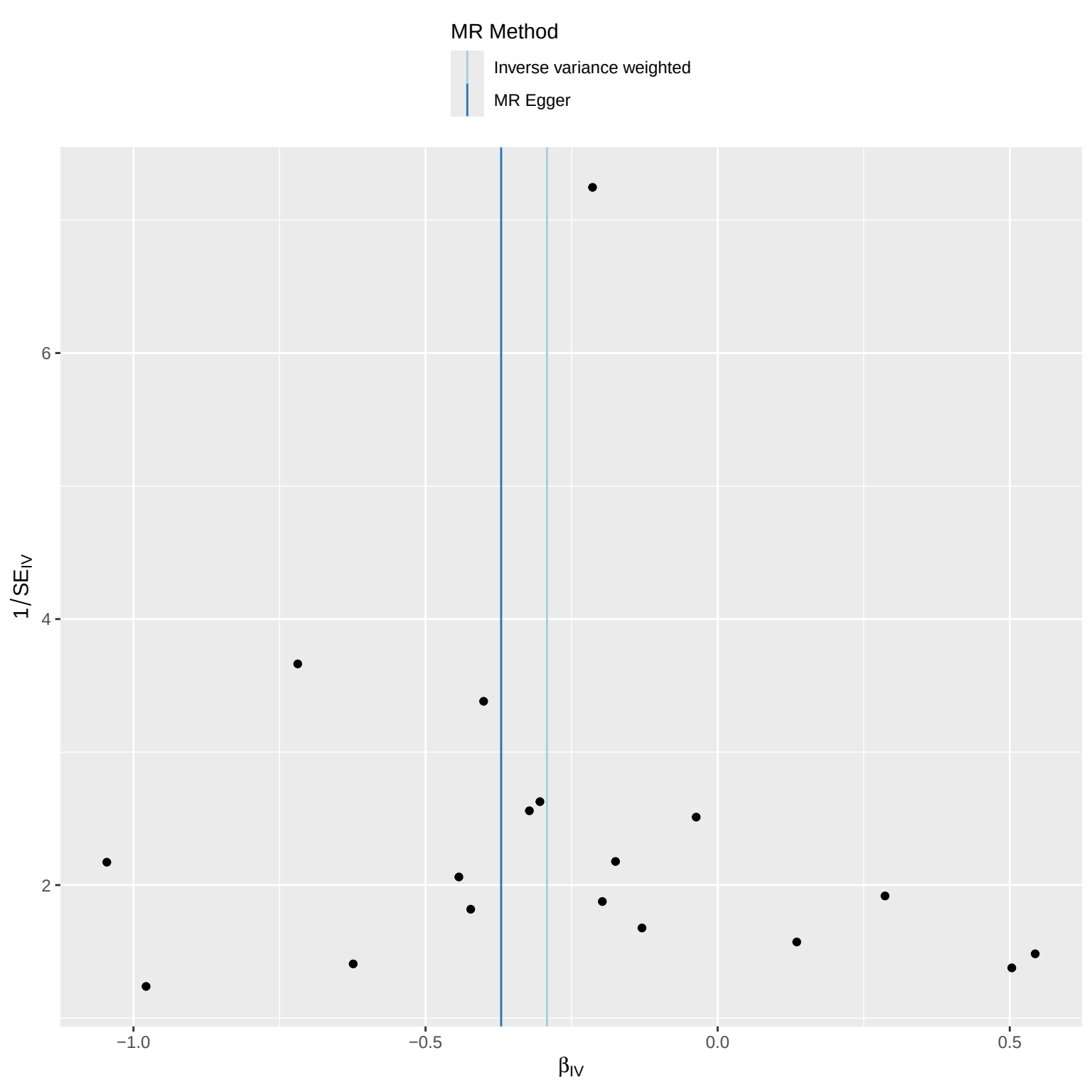

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
β_IV

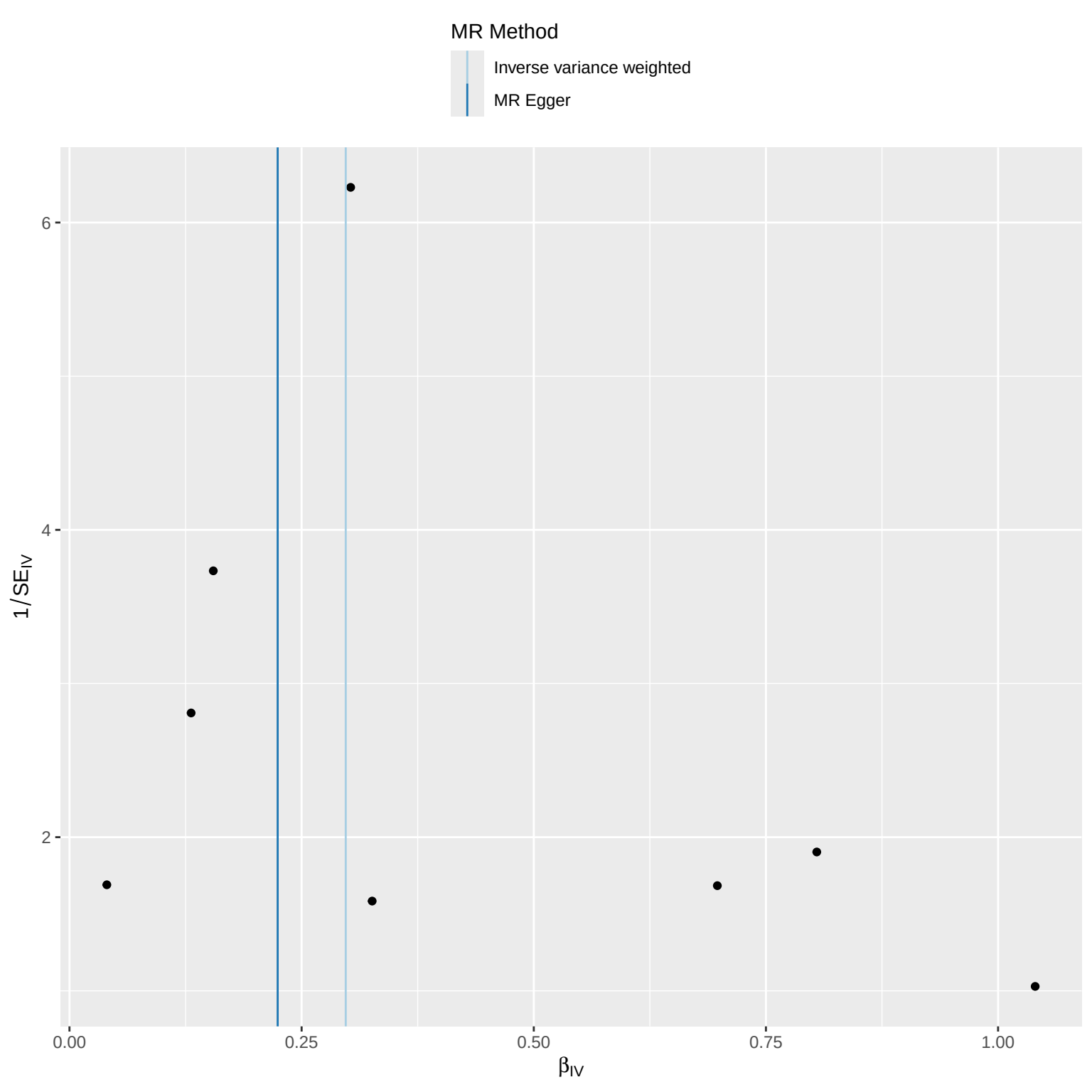

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
β_IV

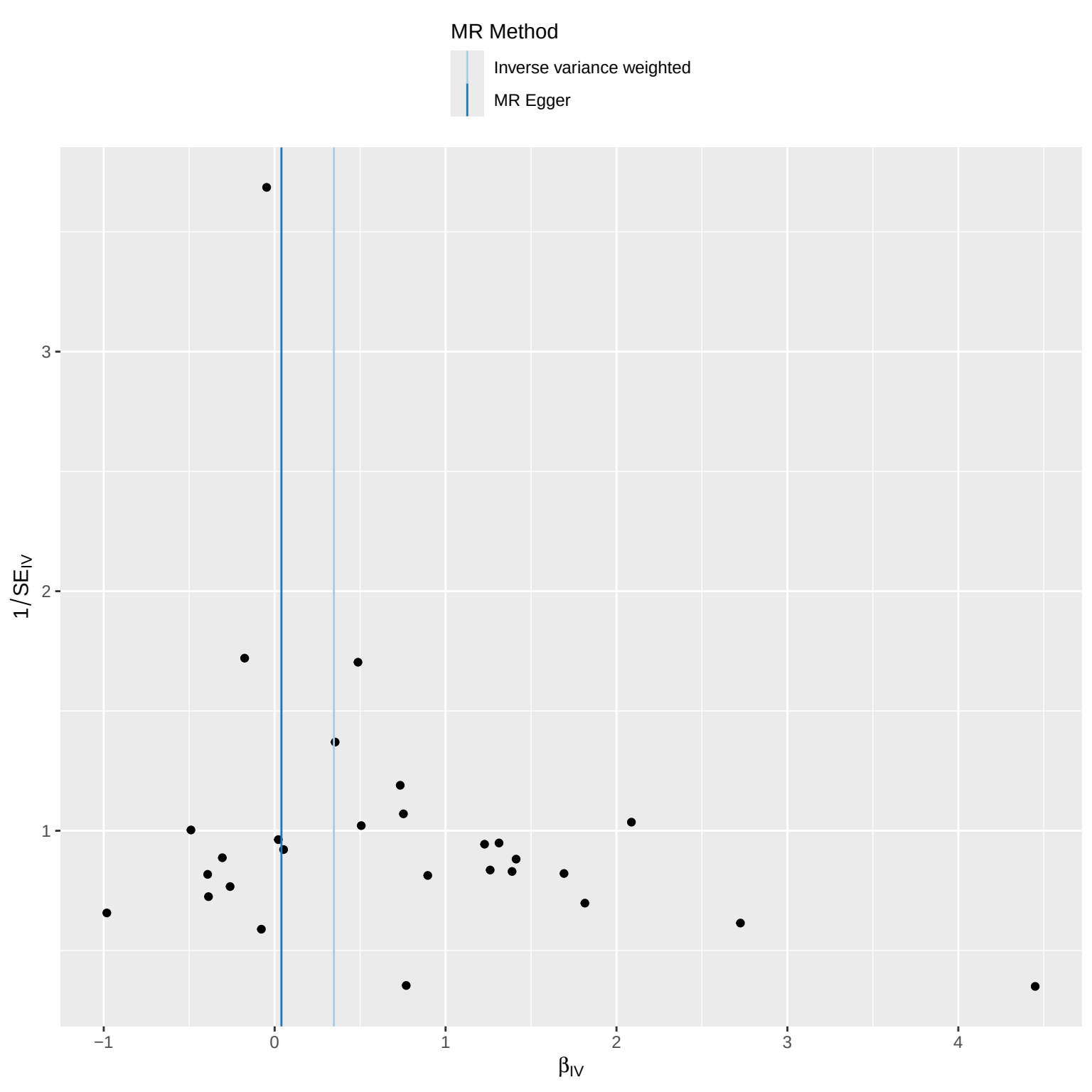

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

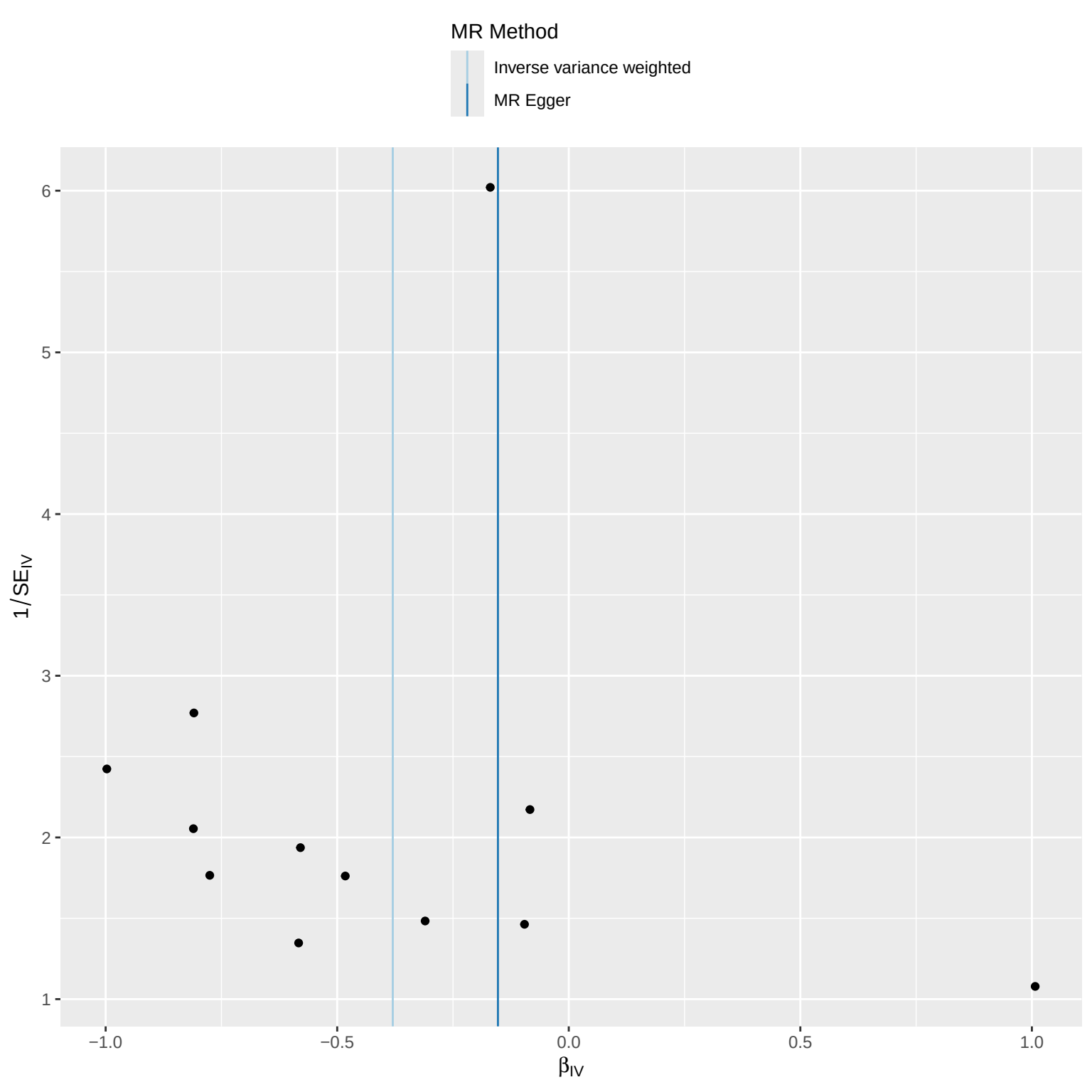

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

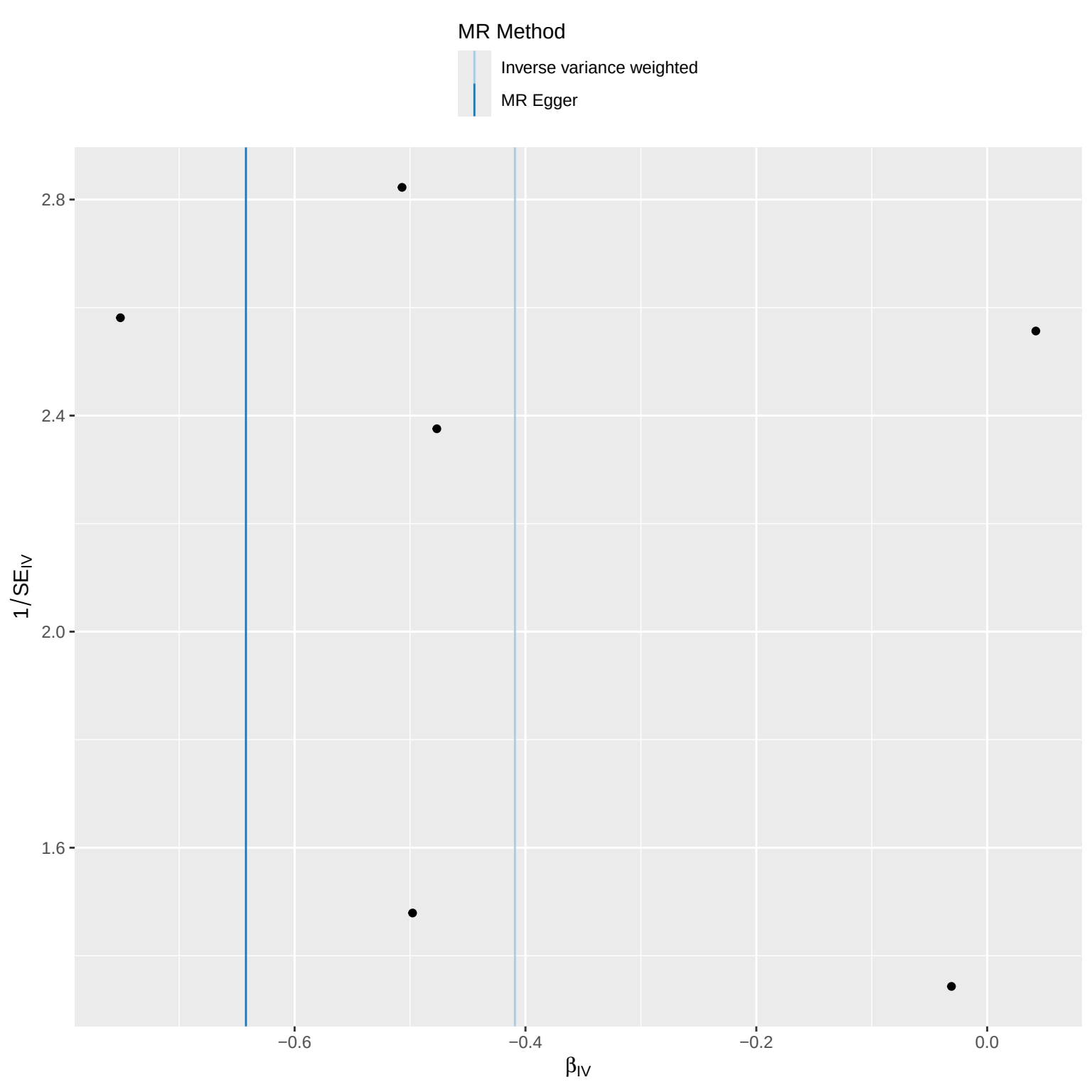

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.6
−0.4
−0.2
β_IV

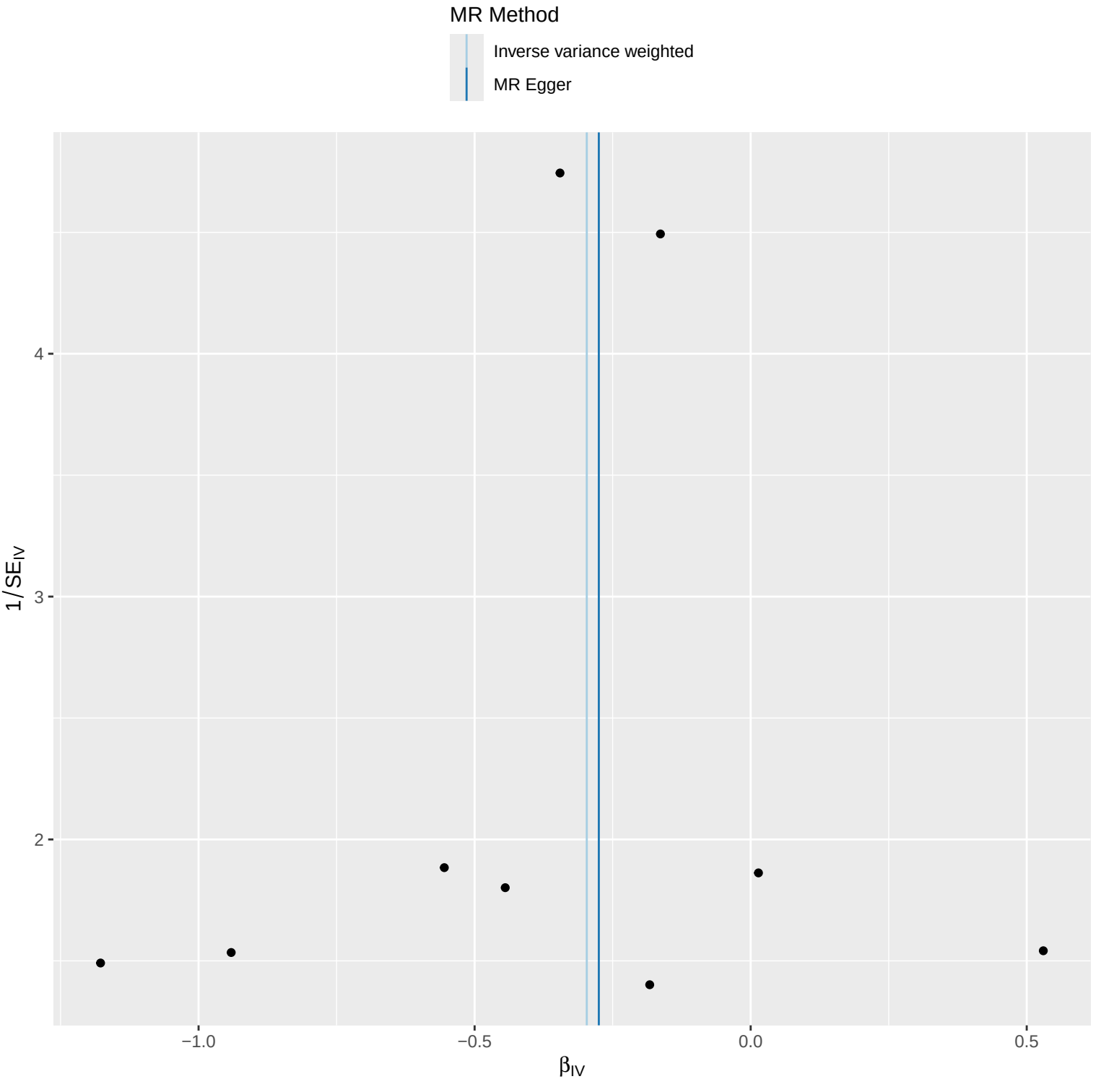

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

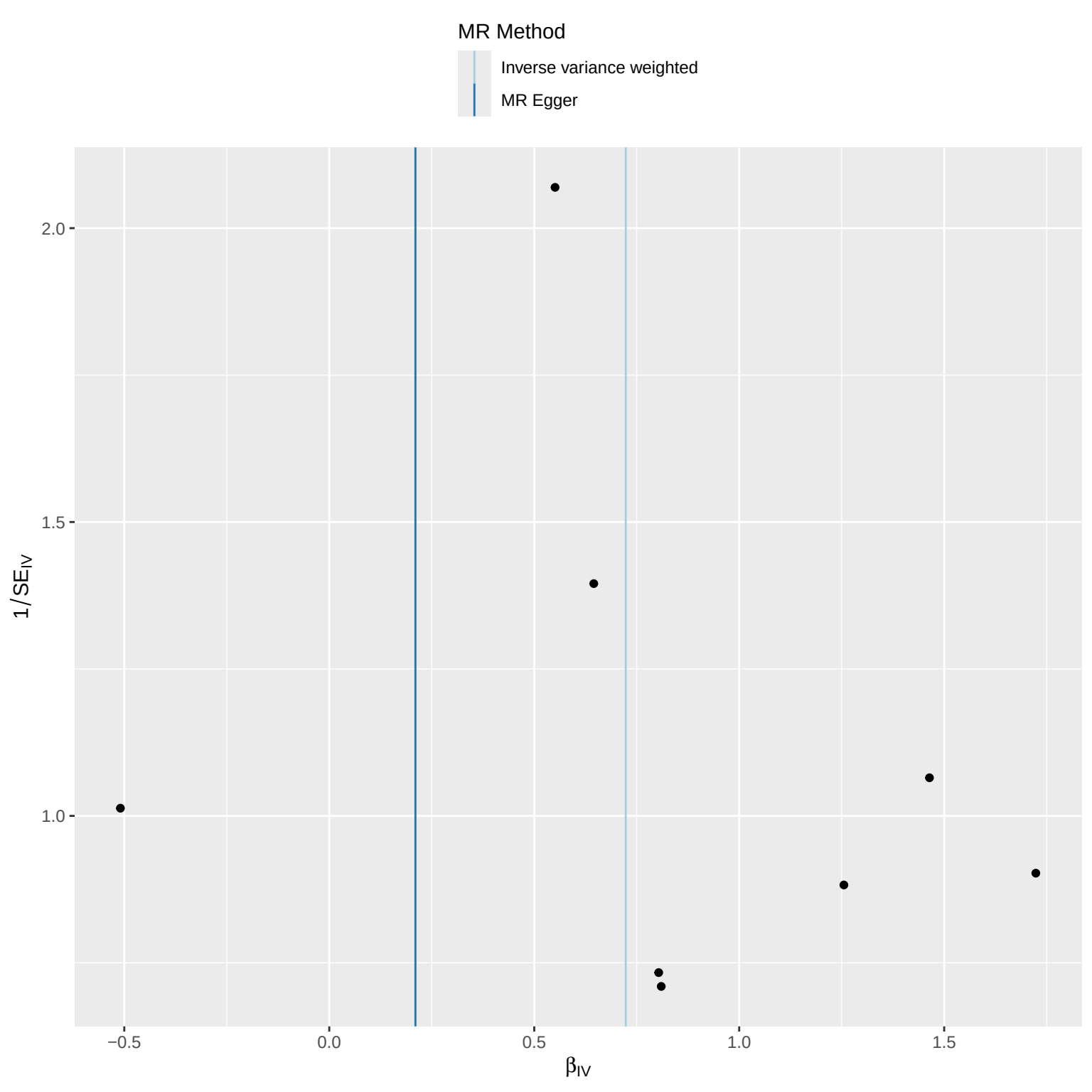

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0.00
0.25
0.50
0.75
1.00
β_IV

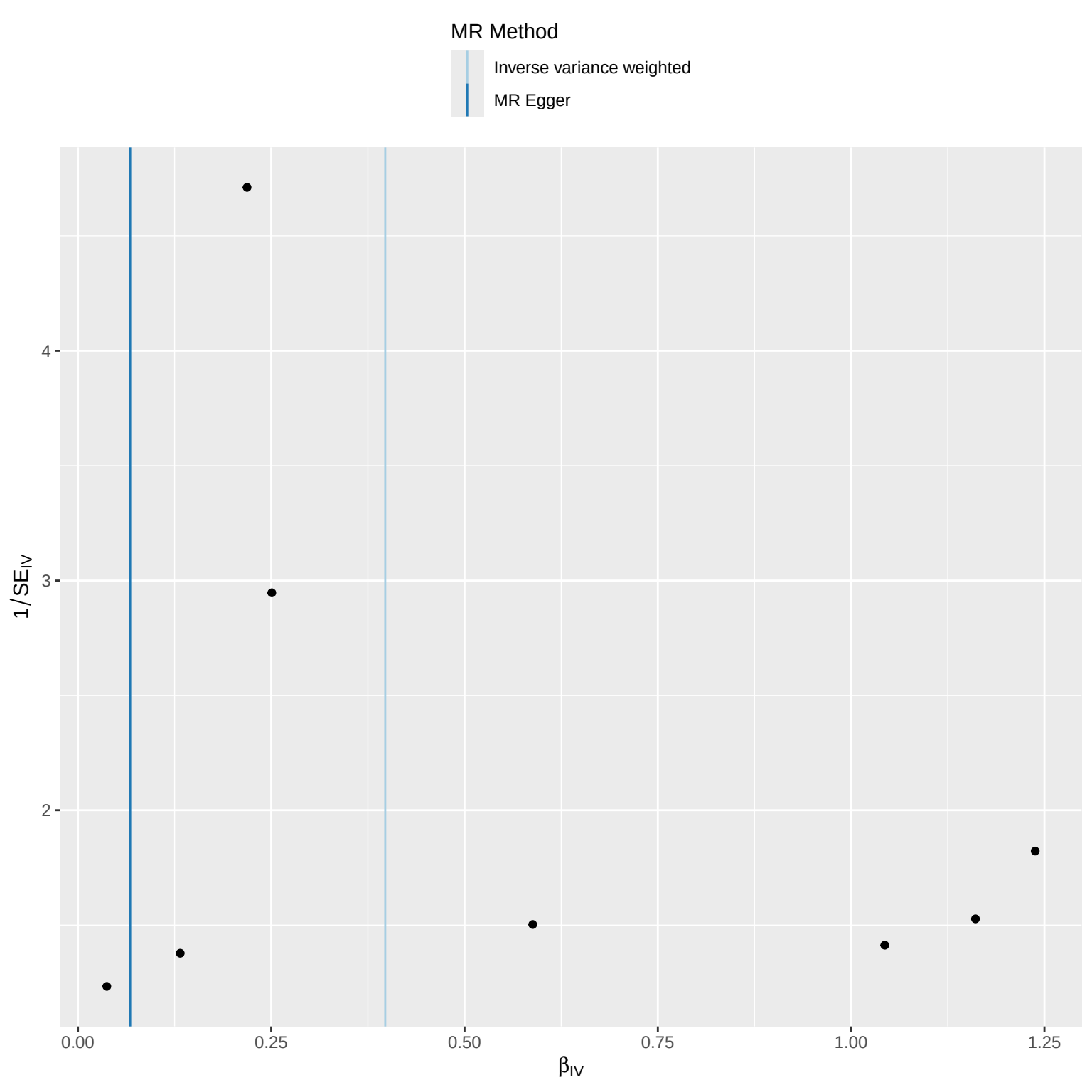

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

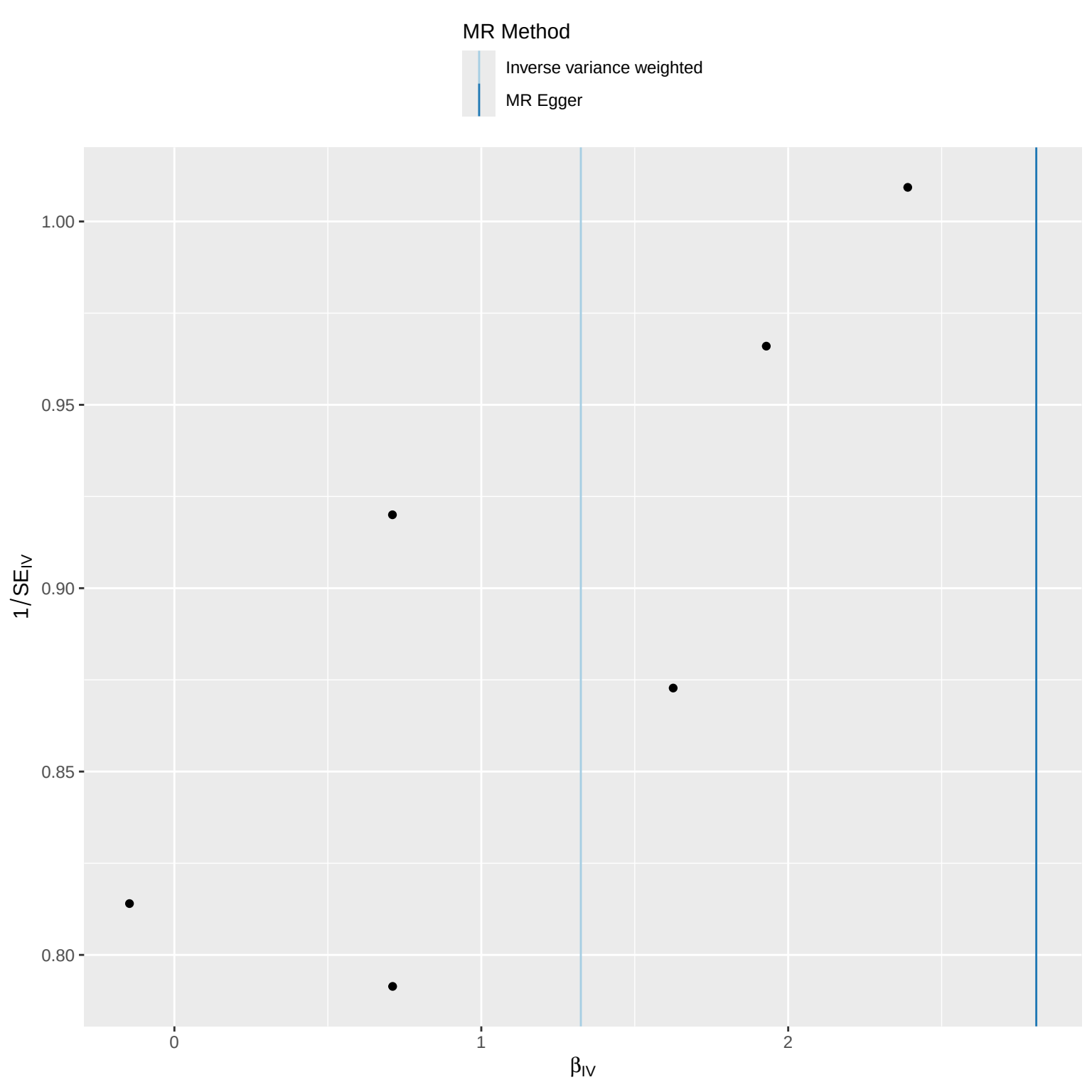

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

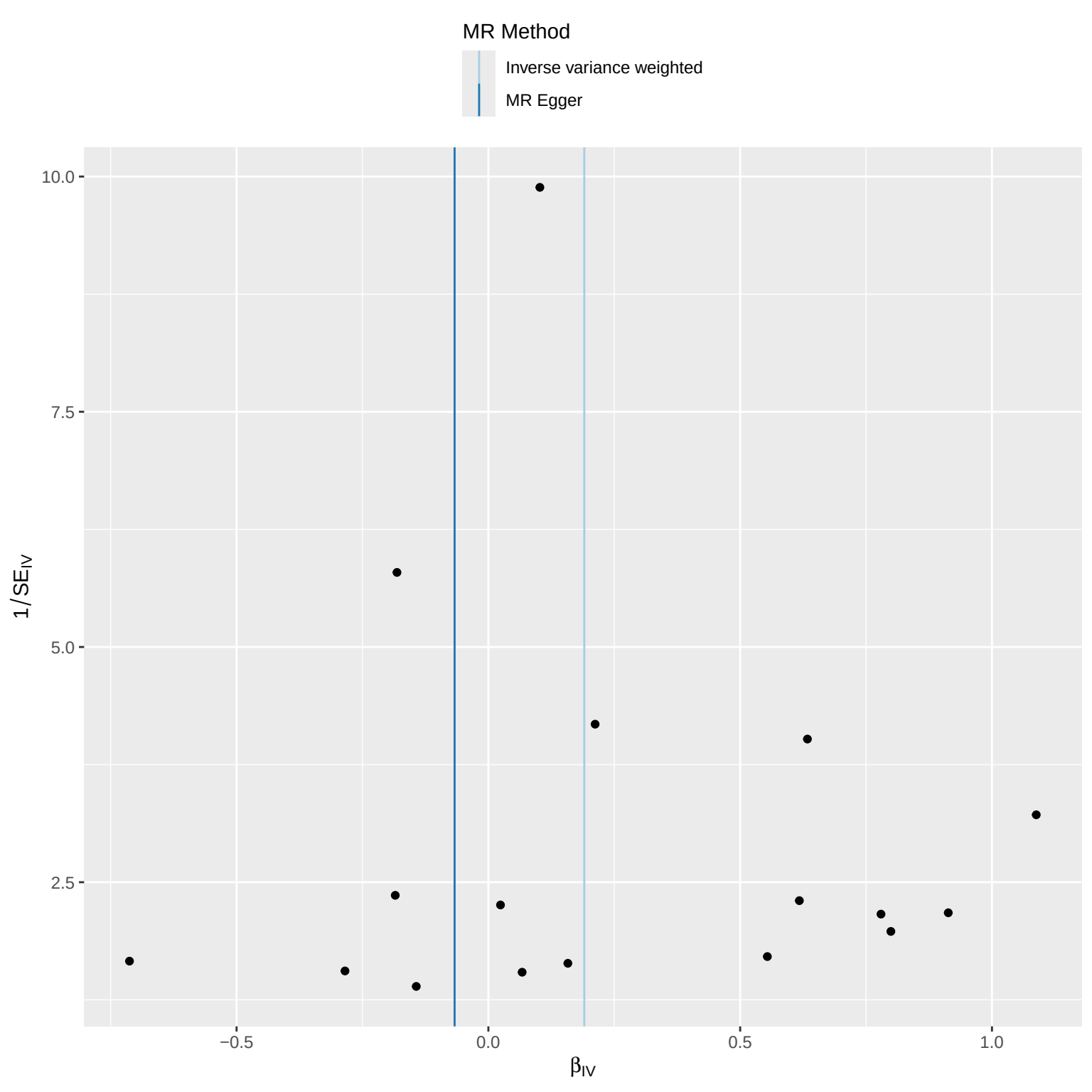

MR Method
Inverse variance weighted
MR Egger
2.8
2.4
2.0
1.6
1/SE_IV
−0.6
−0.4
−0.2
0.0
β_IV

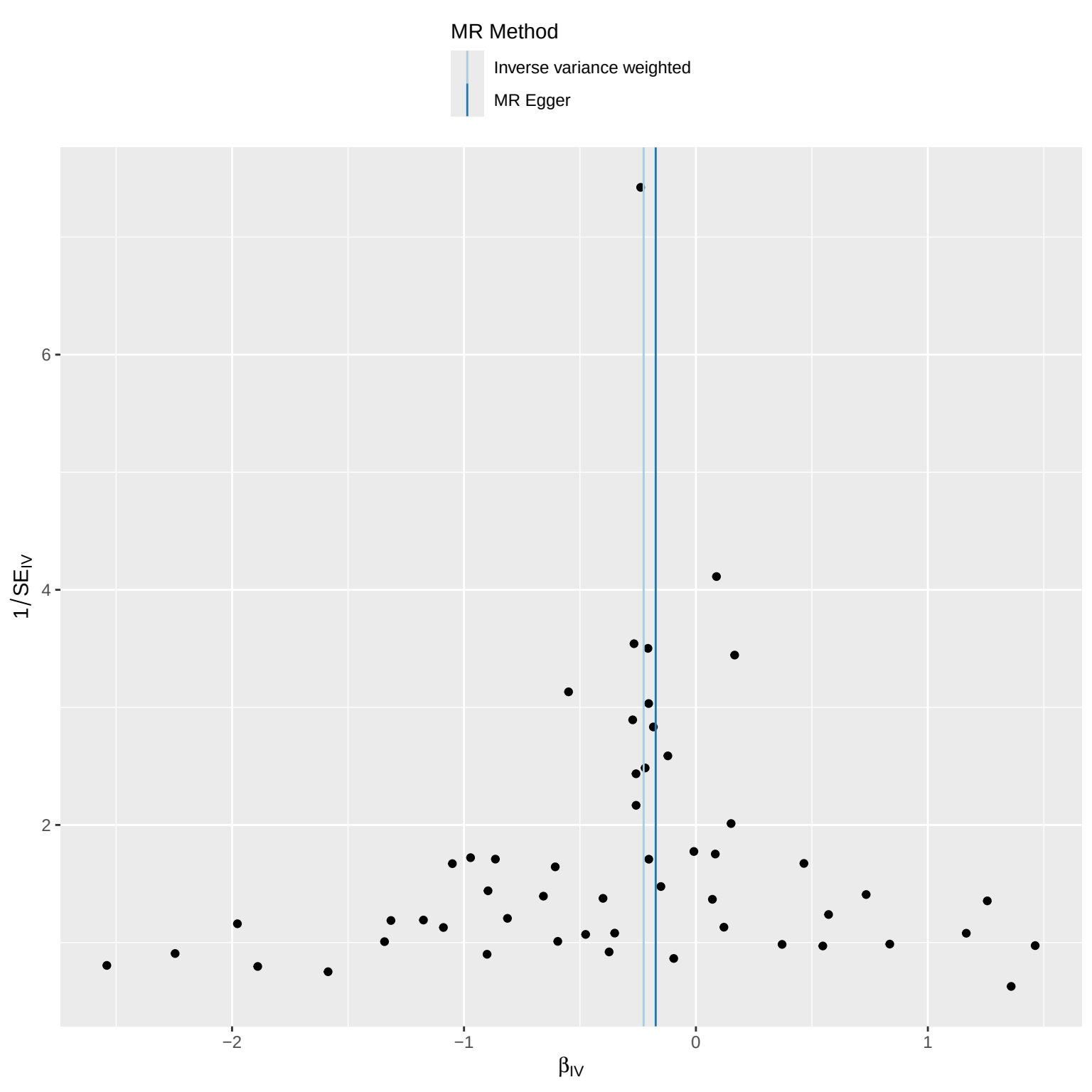

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

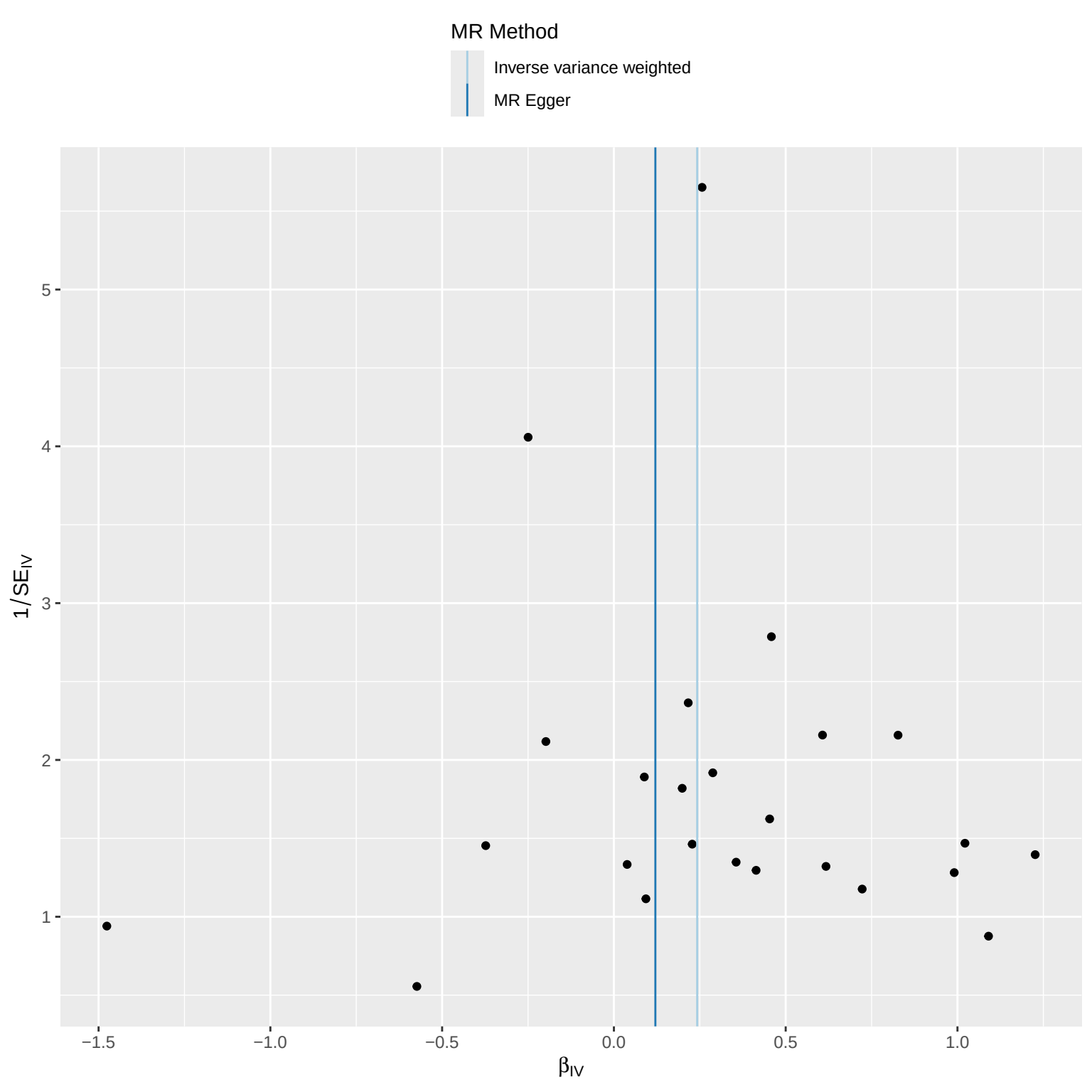

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

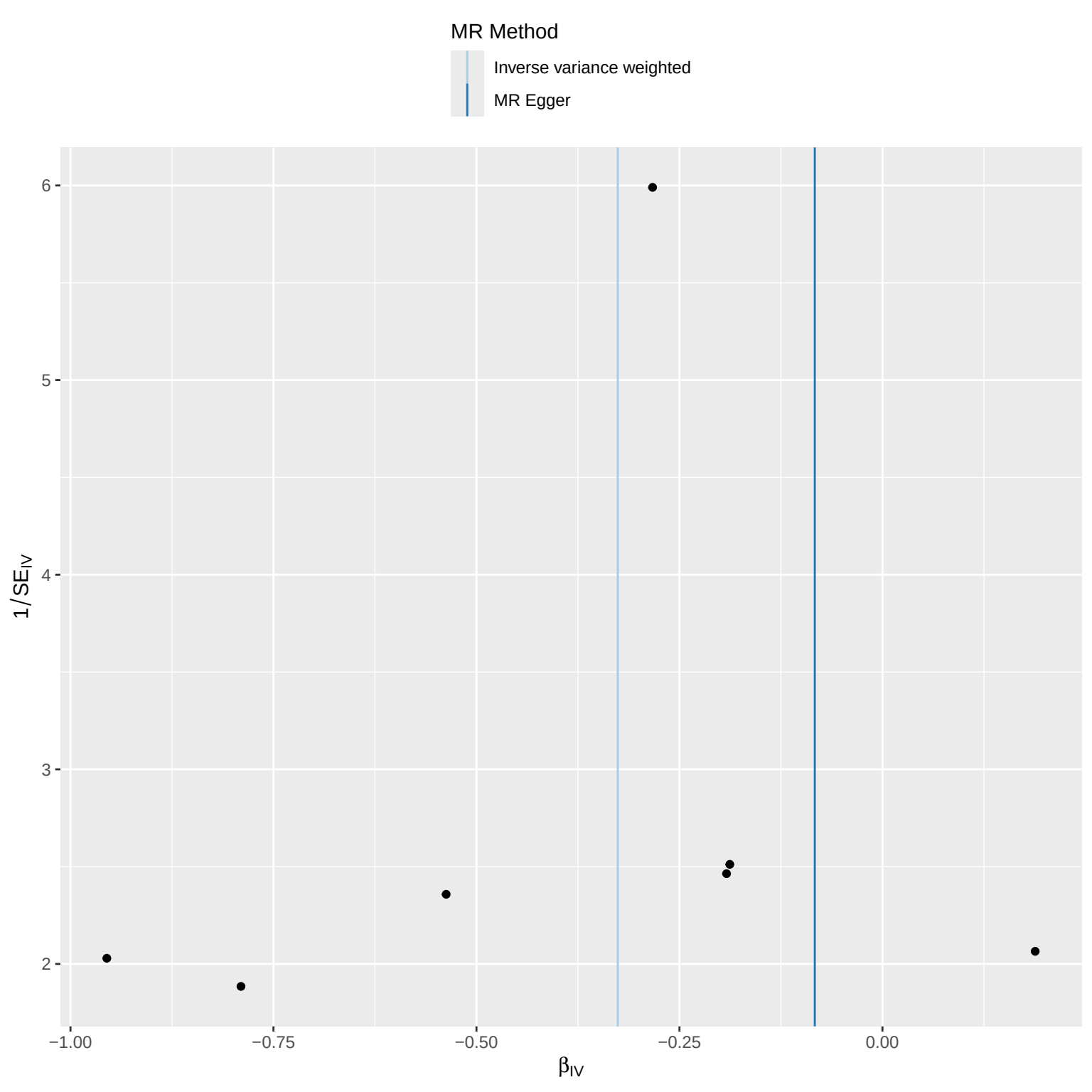

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
0.00
0.25
0.50
0.75
1.00
1.25
β_IV

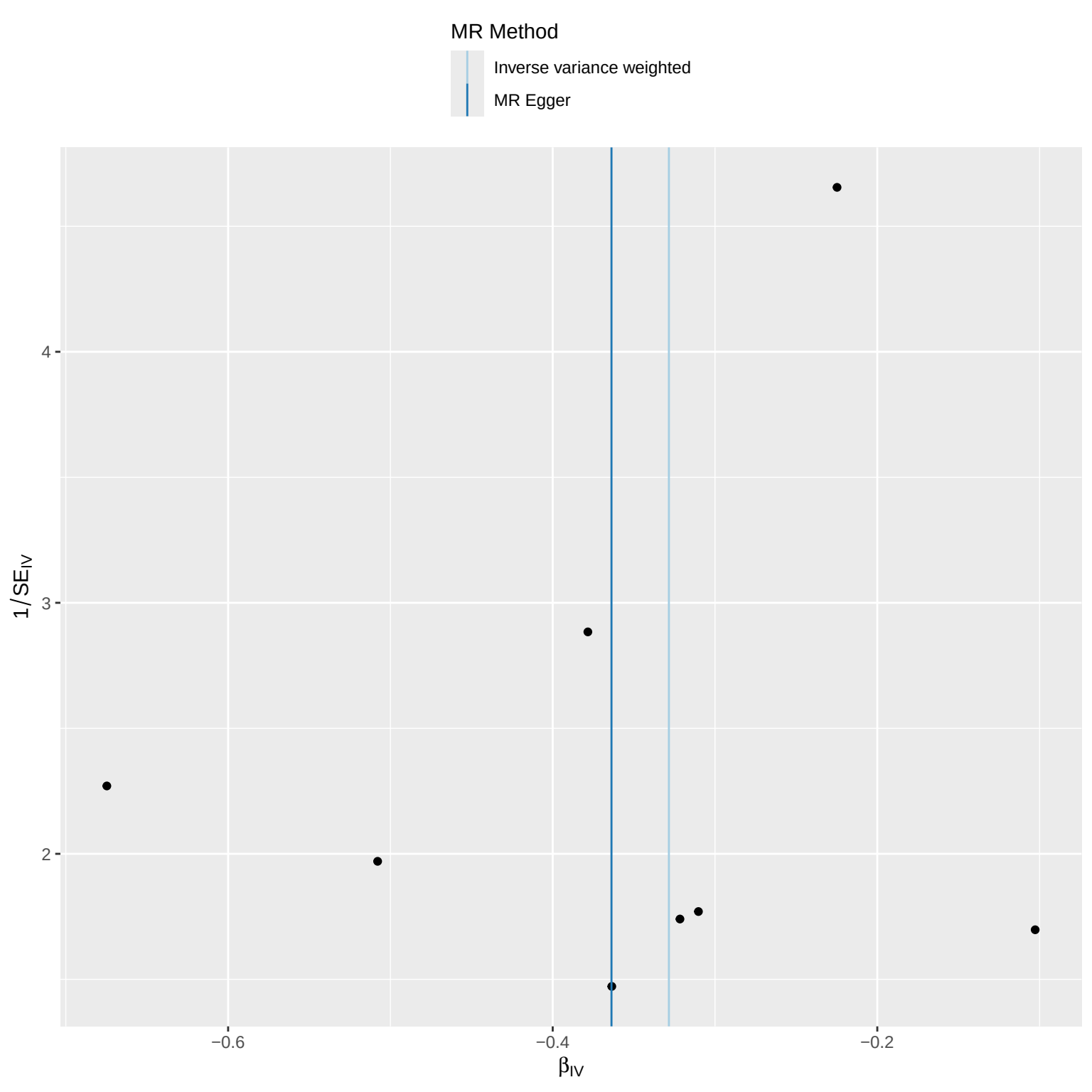

MR Method
Inverse variance weighted
MR Egger
1.00
0.95
0.90
0.85
0.80
1/SE_IV
0
1
2
β_IV

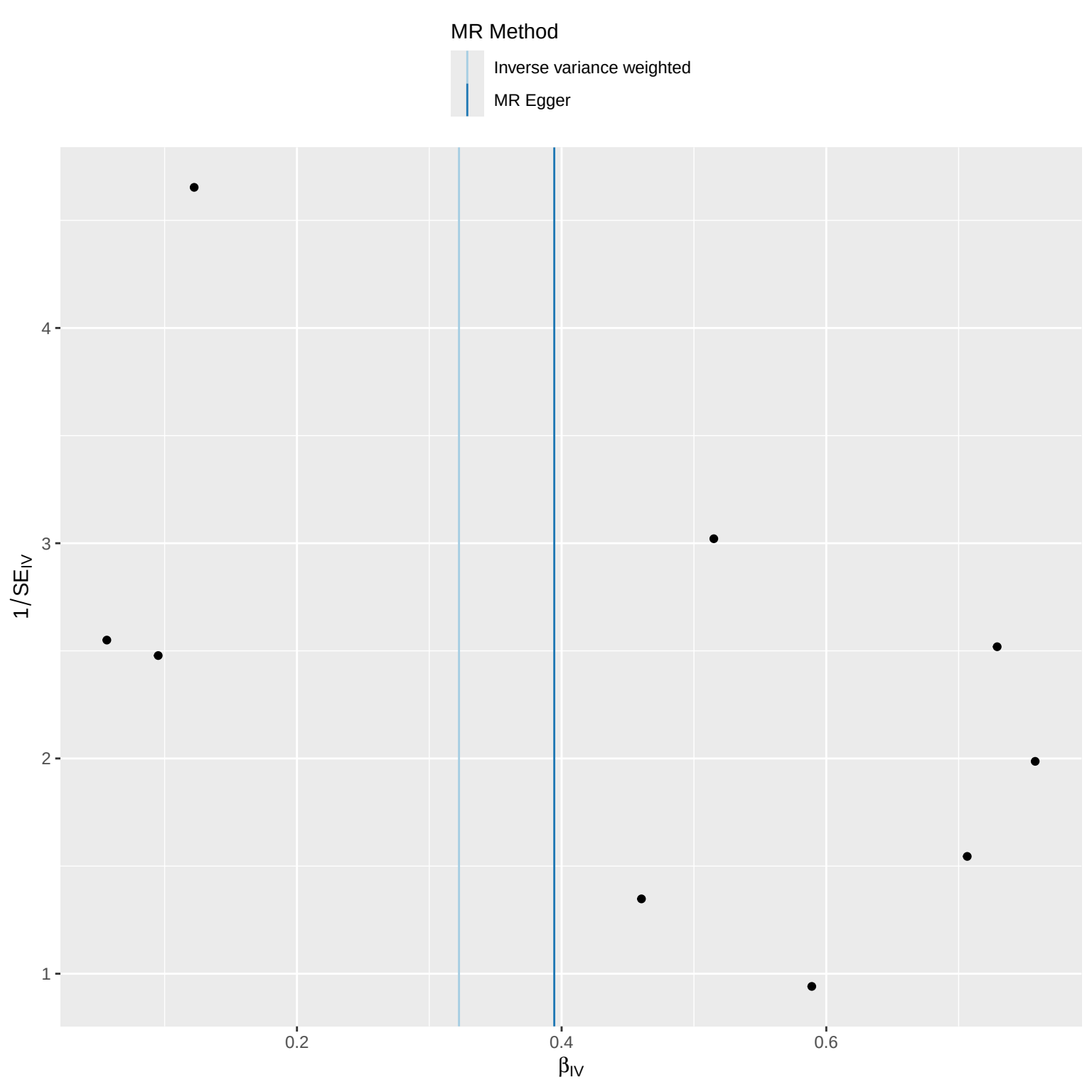

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

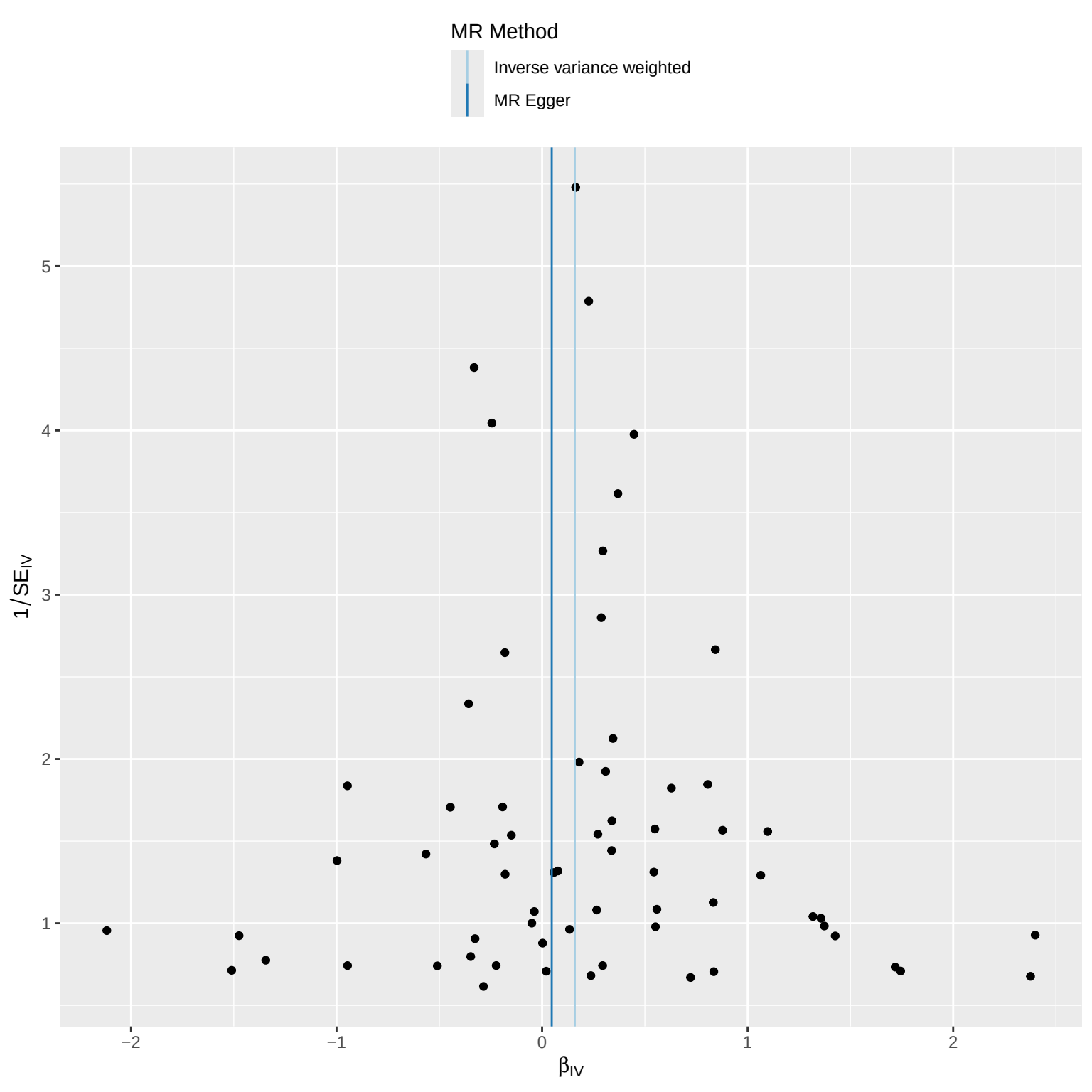

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

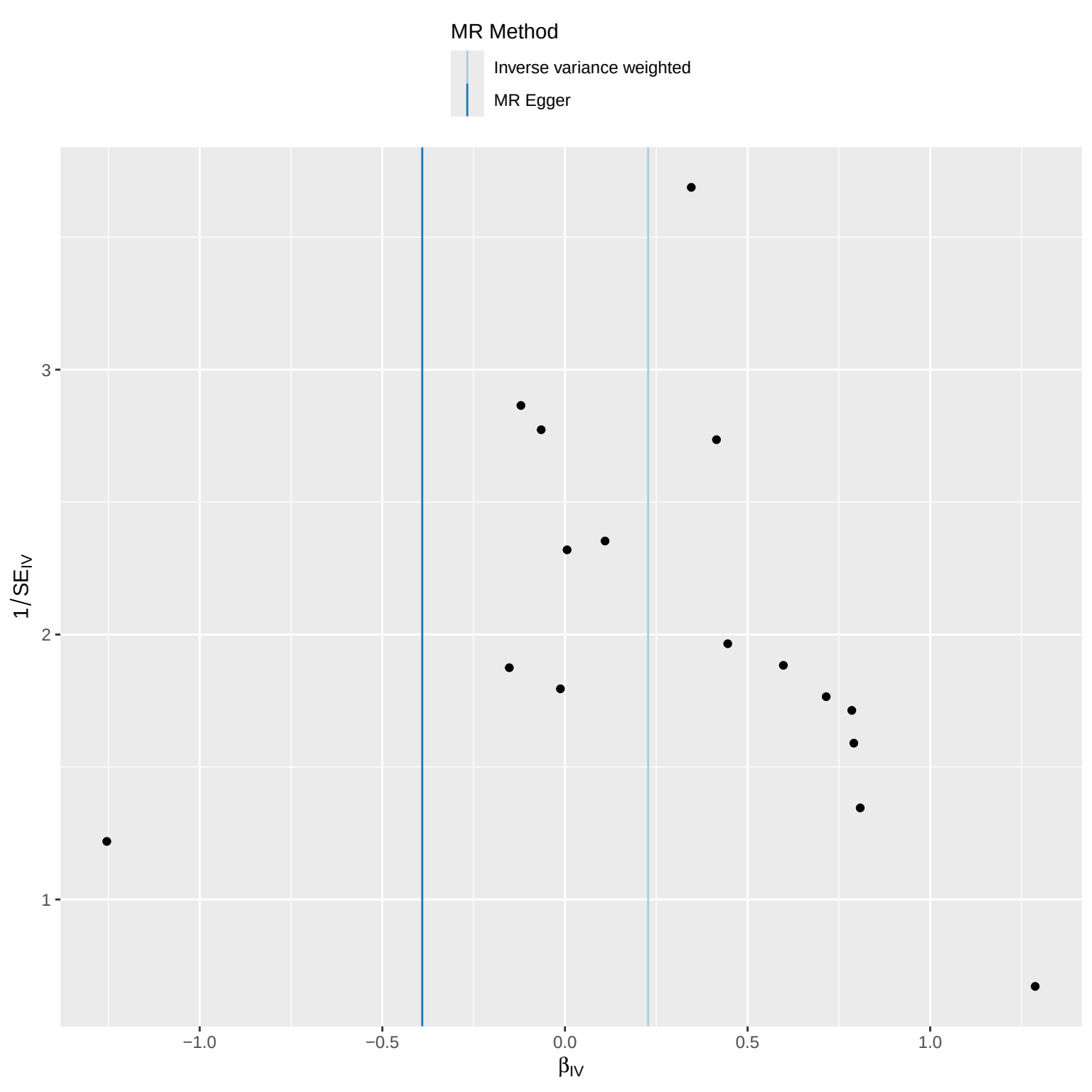

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1.5
−1.0
−0.5
0.0
0.5
1.0

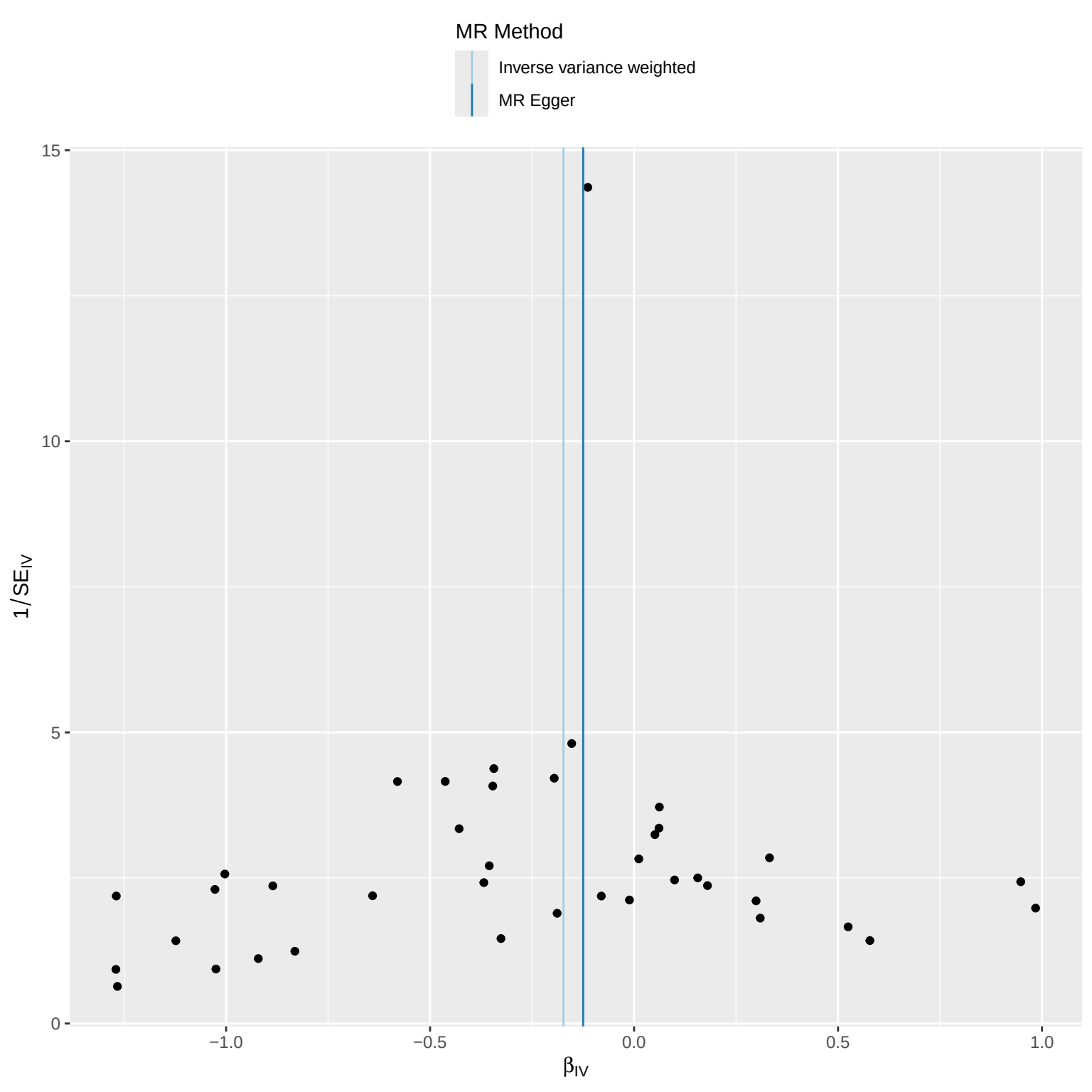

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
β_IV

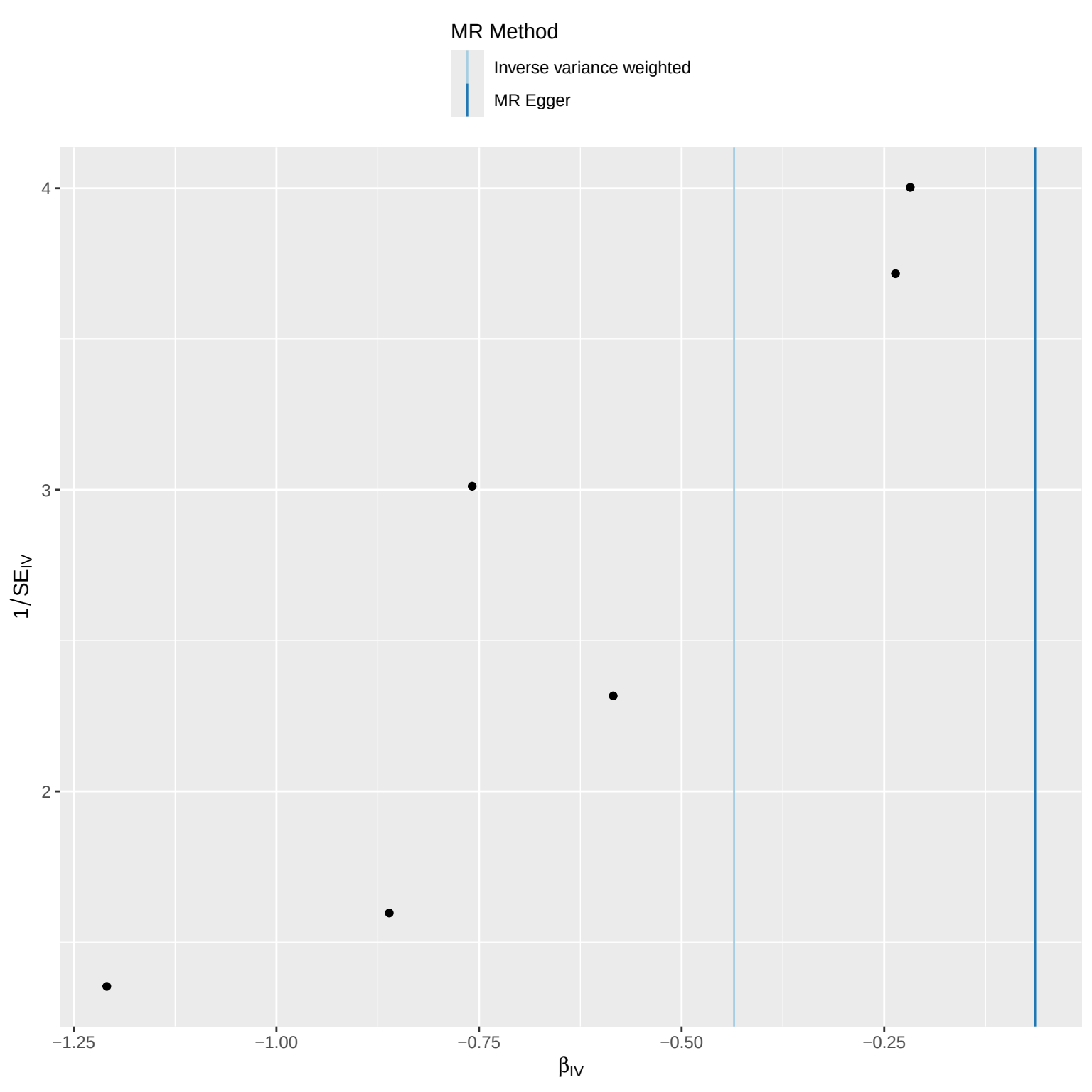

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.6
−0.4
−0.2
β_IV

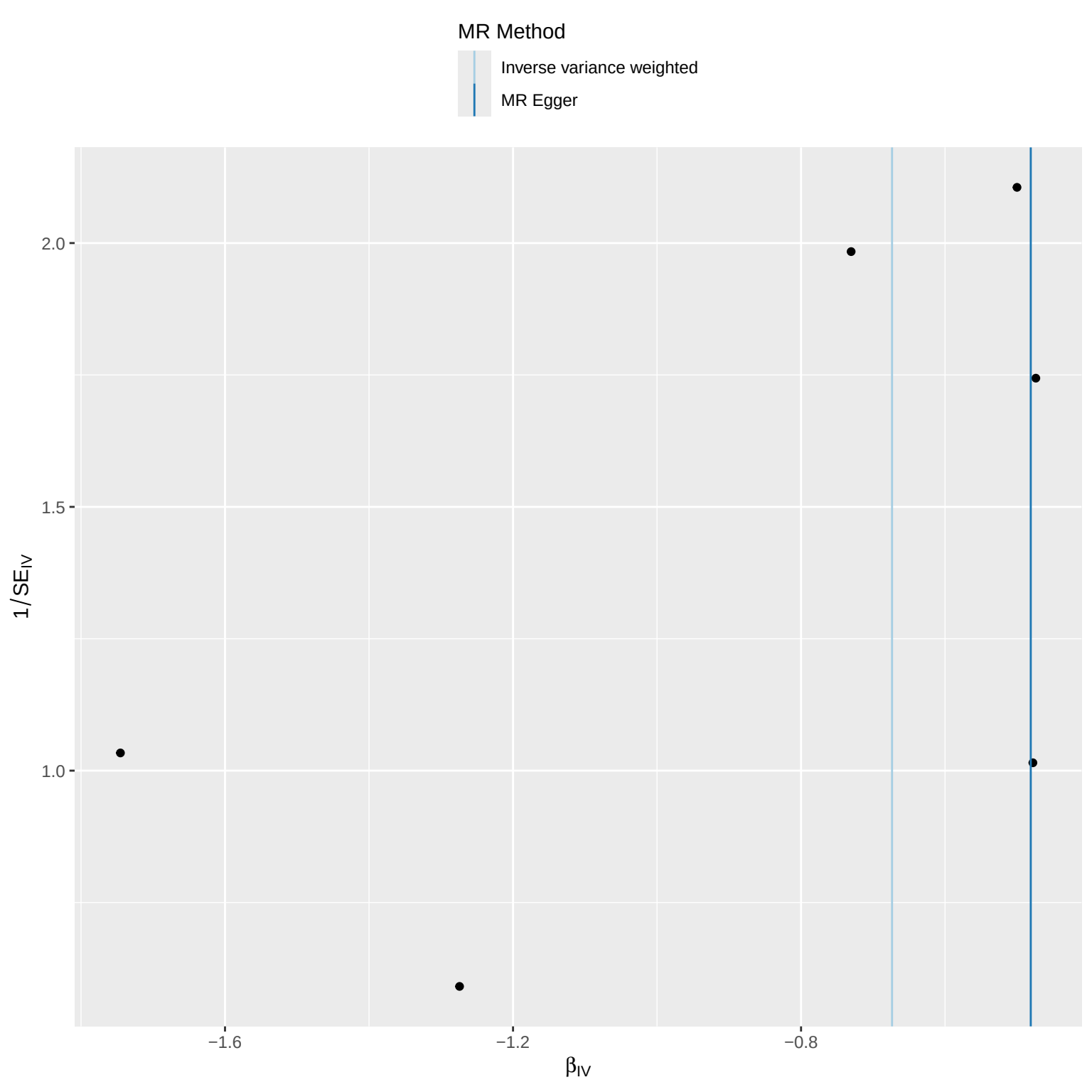

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
0.2
0.4
0.6
β_{IV}

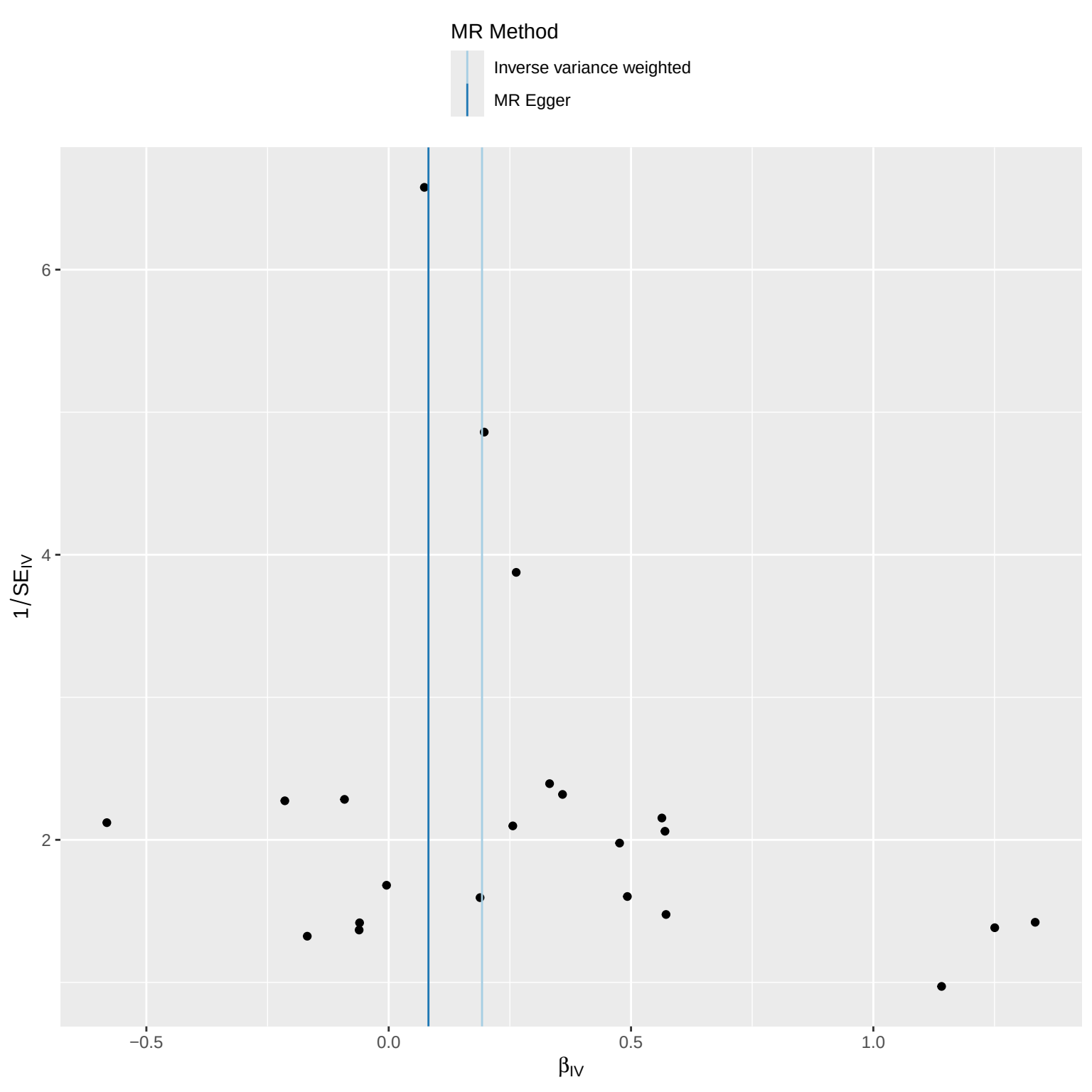

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
−1
0
1
2

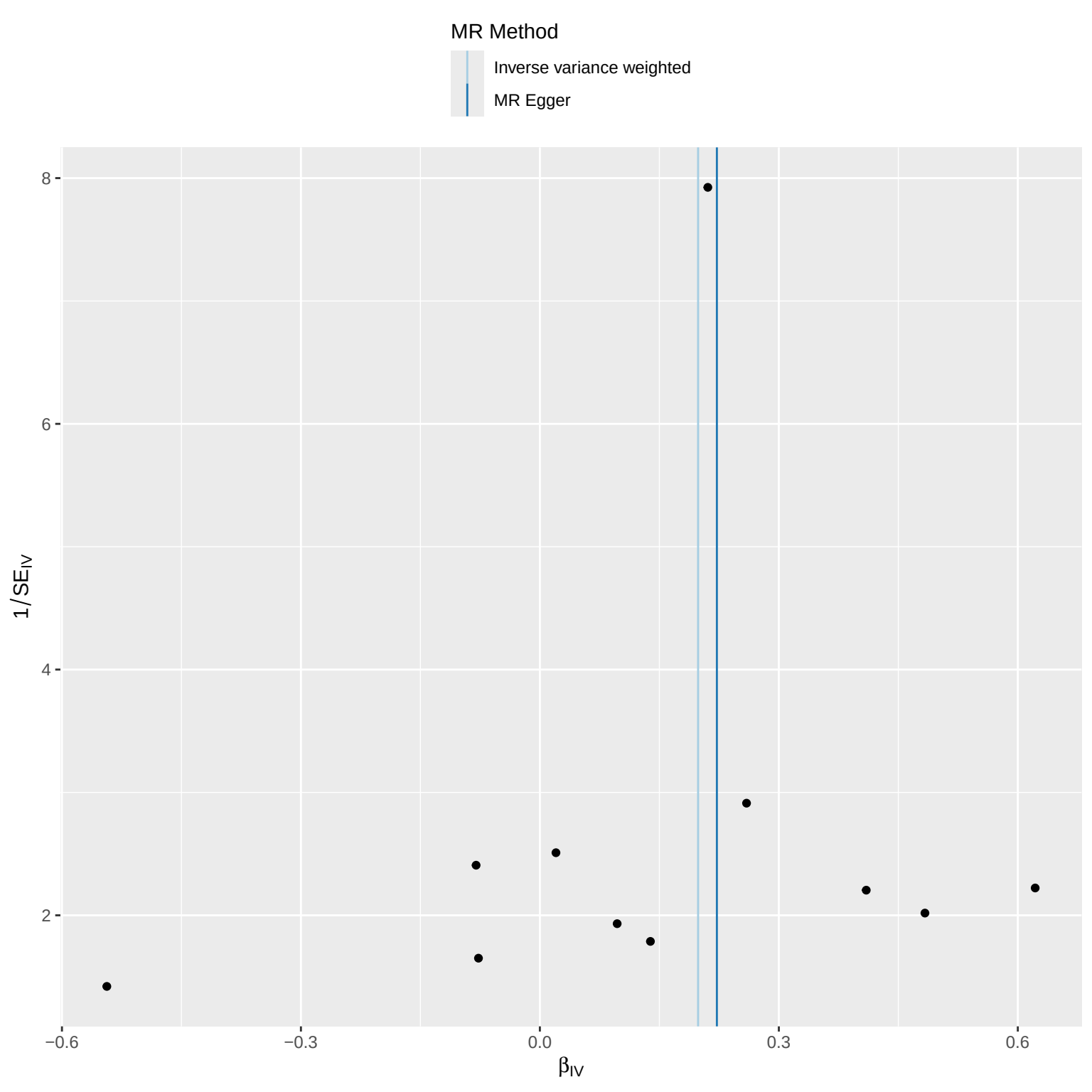

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

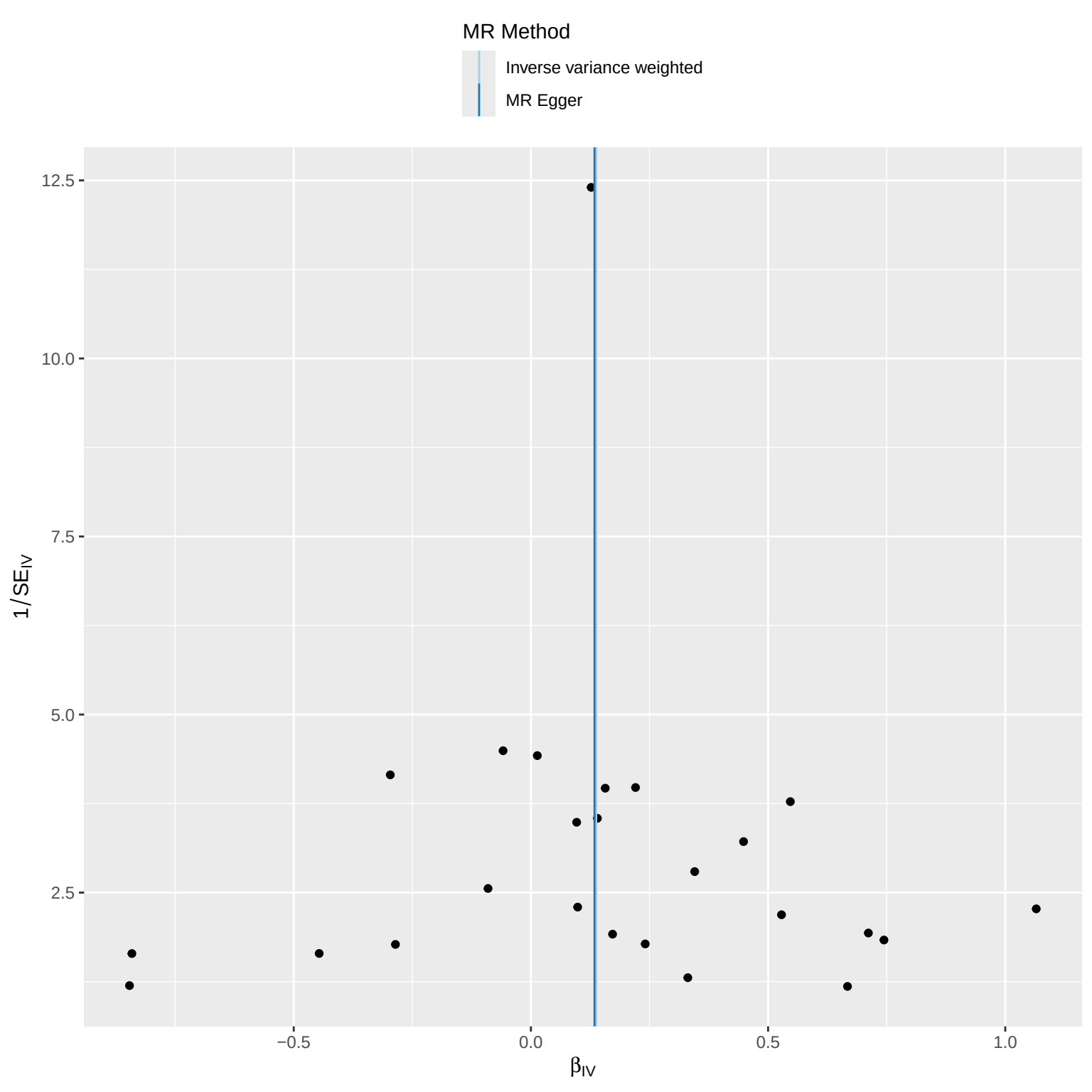

MR Method
Inverse variance weighted
MR Egger
15
10
5
0
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

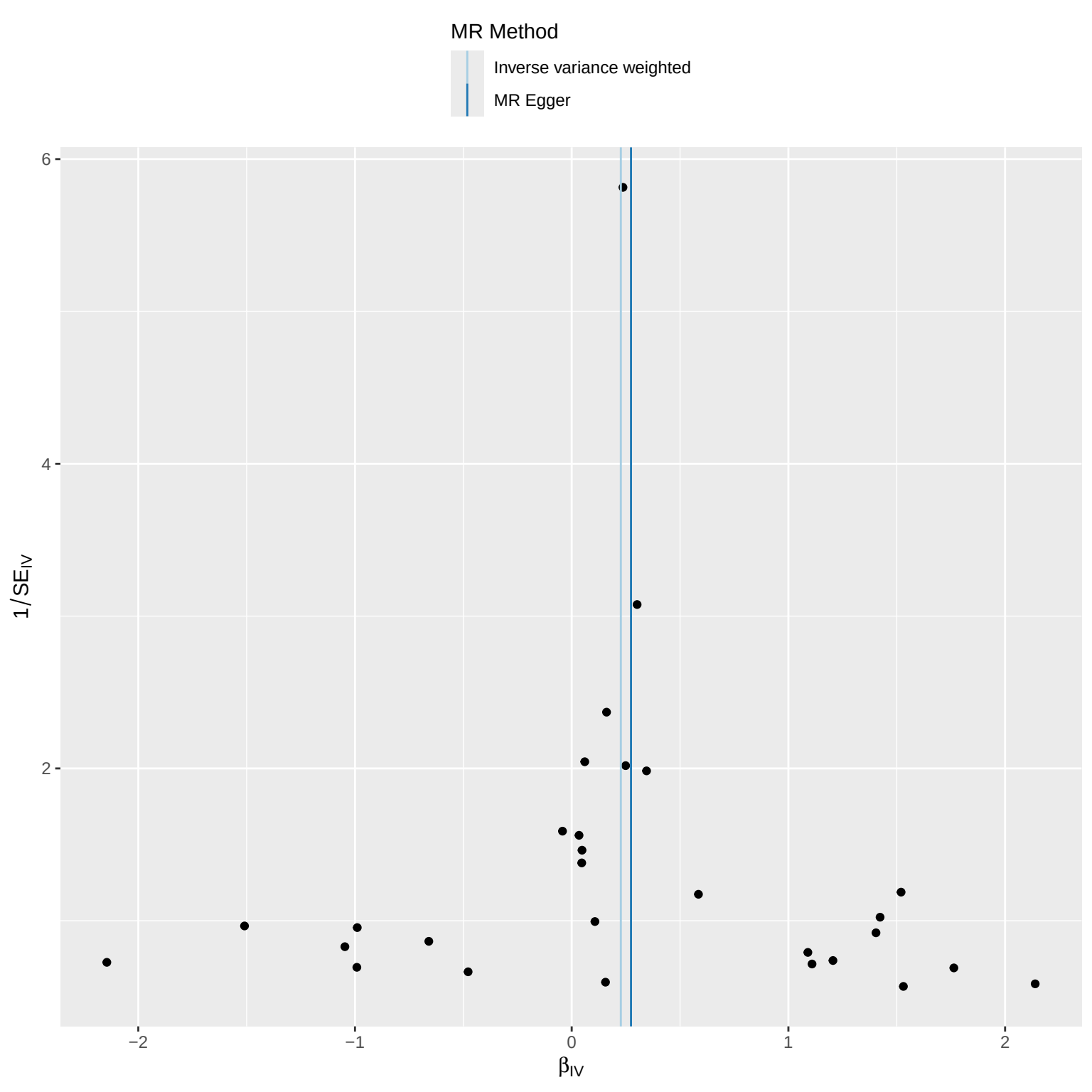

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.25
−1.00
−0.75
−0.50
−0.25
β_IV

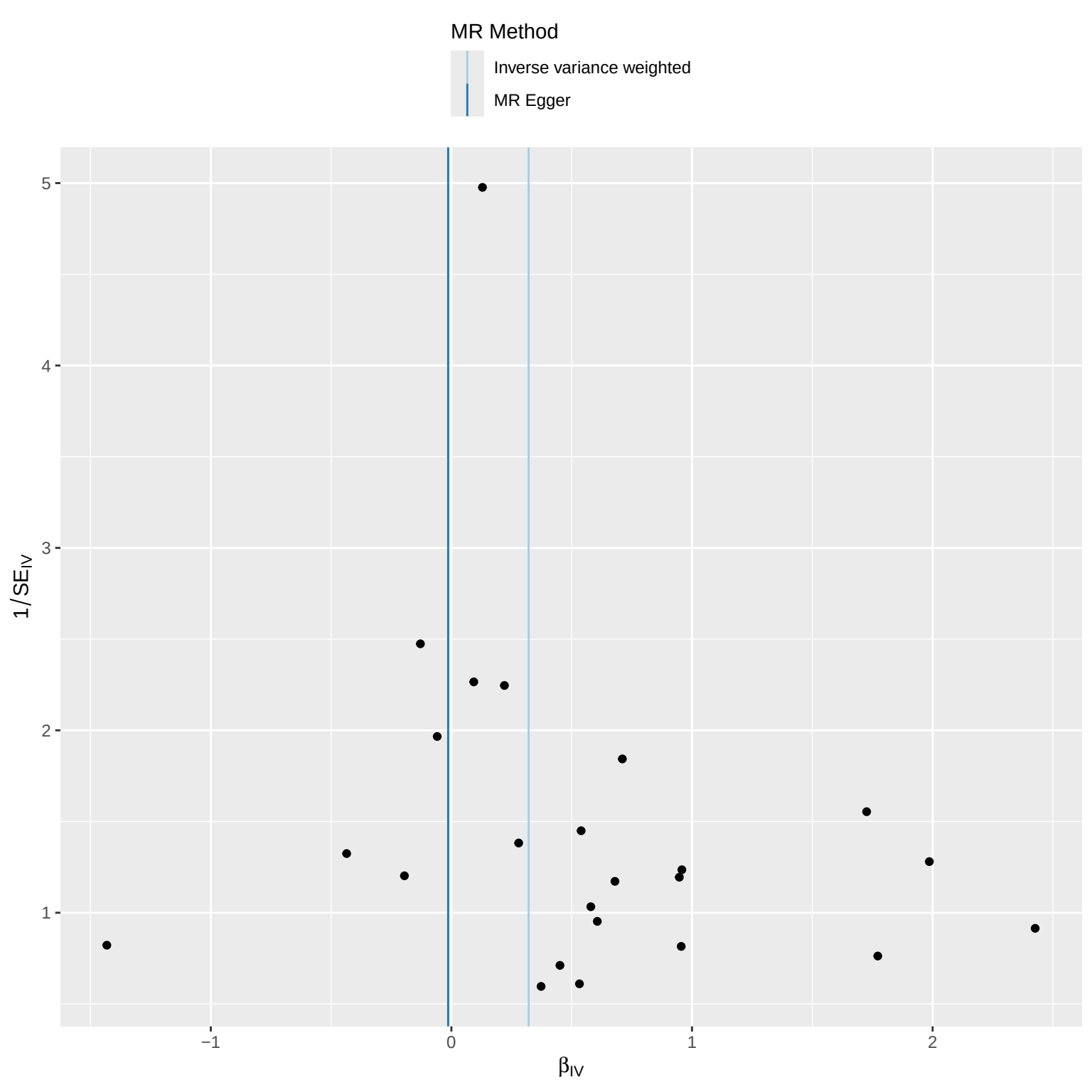

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.6
−1.2
−0.8
β_IV

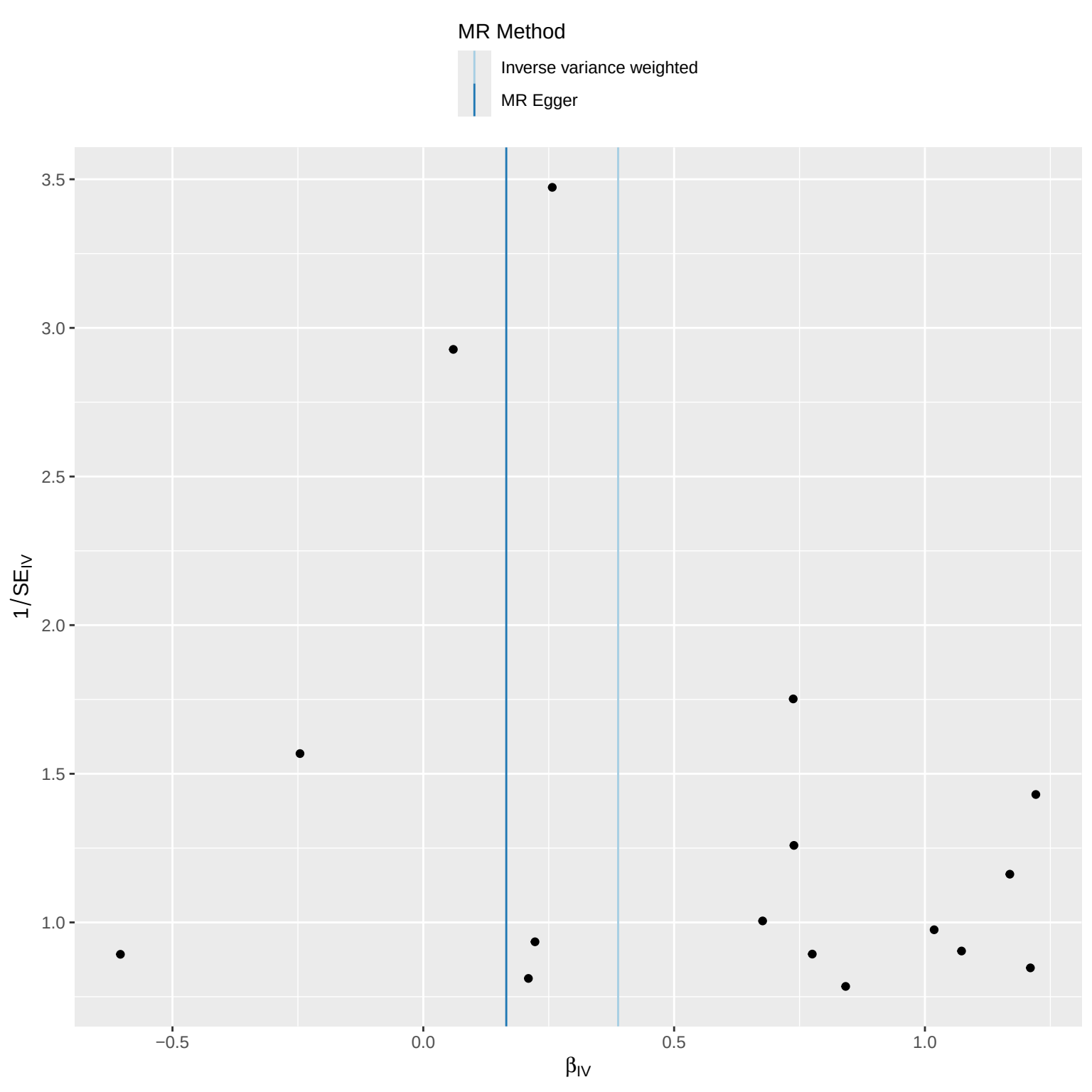

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

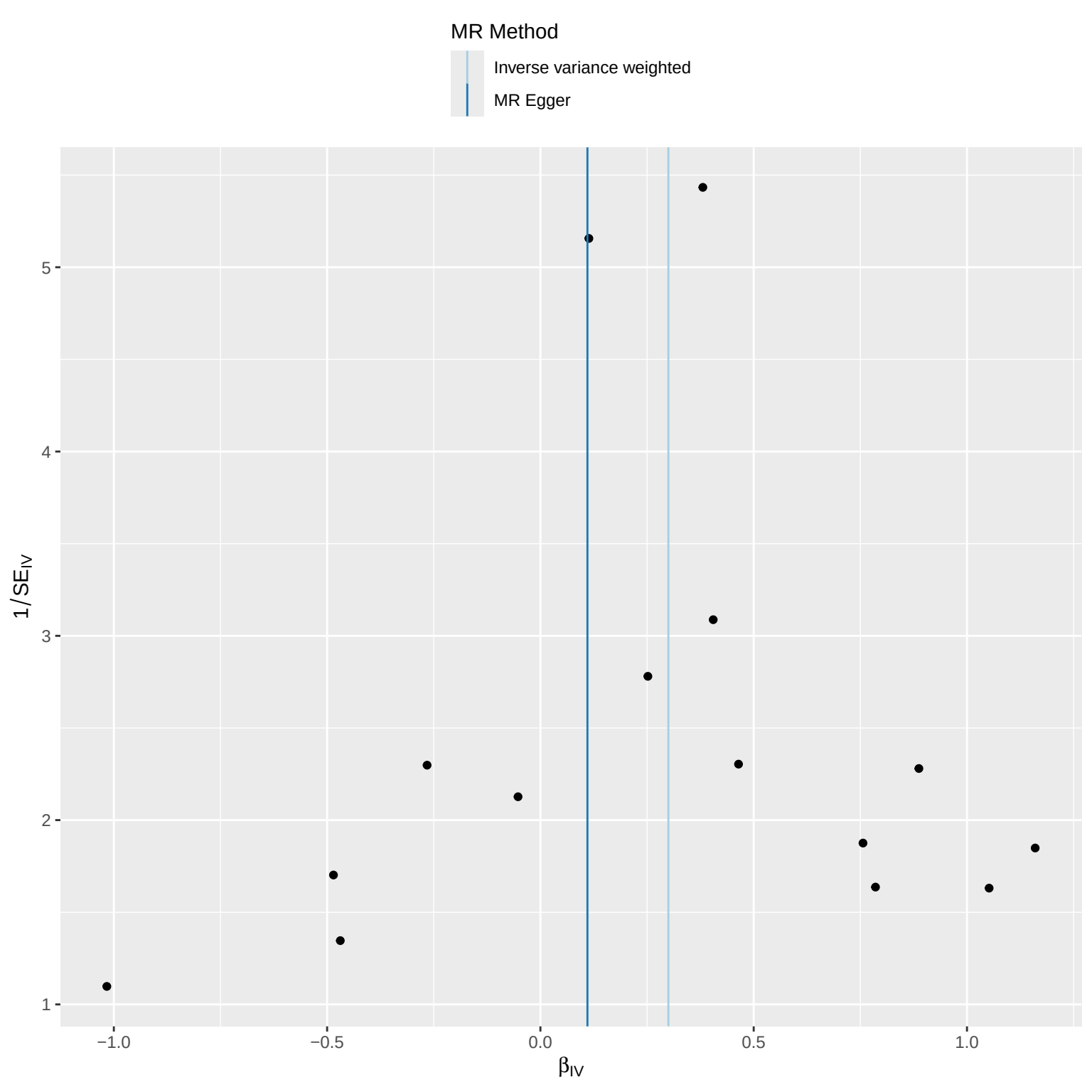

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.6
−0.3
0.0
0.3
0.6
β_IV

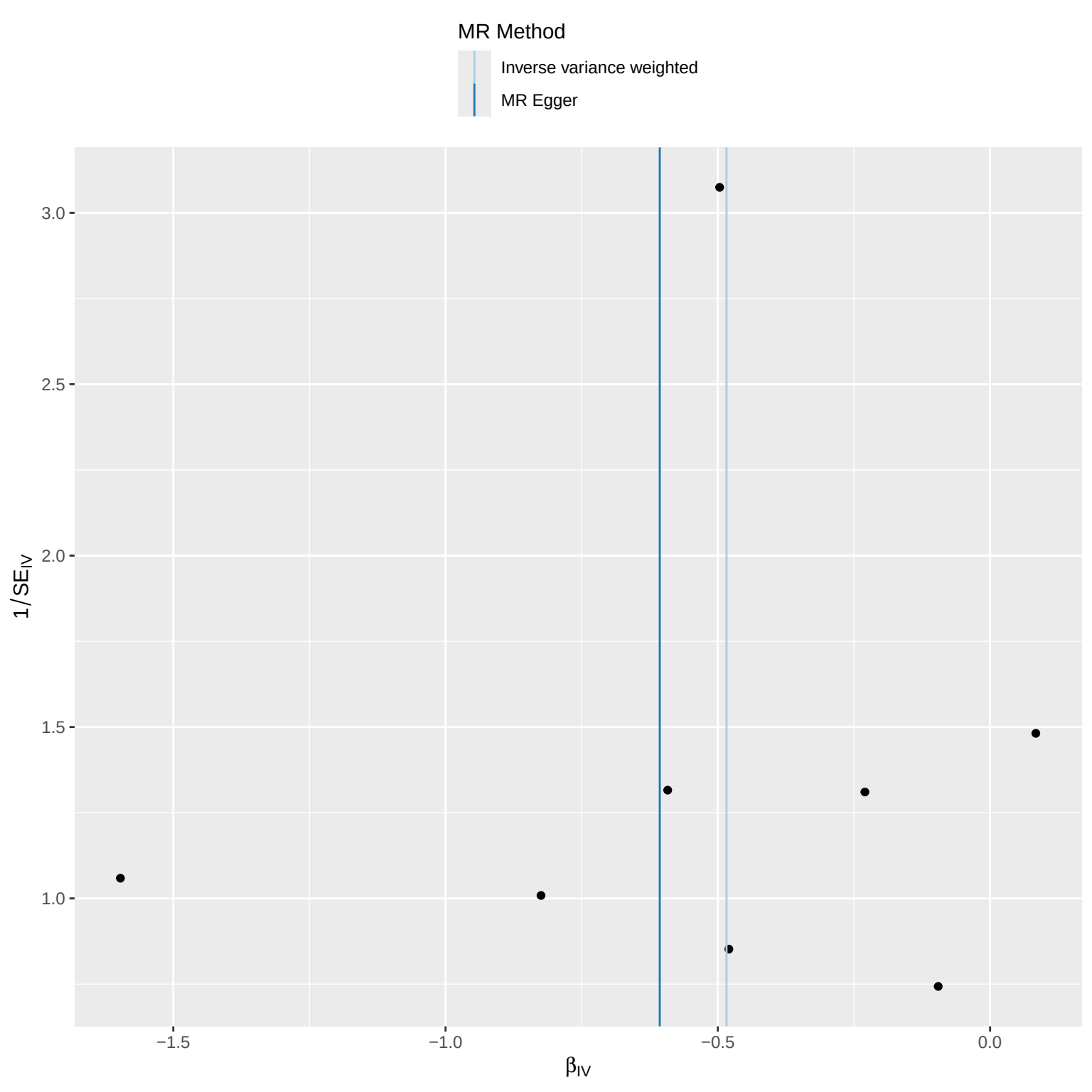

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

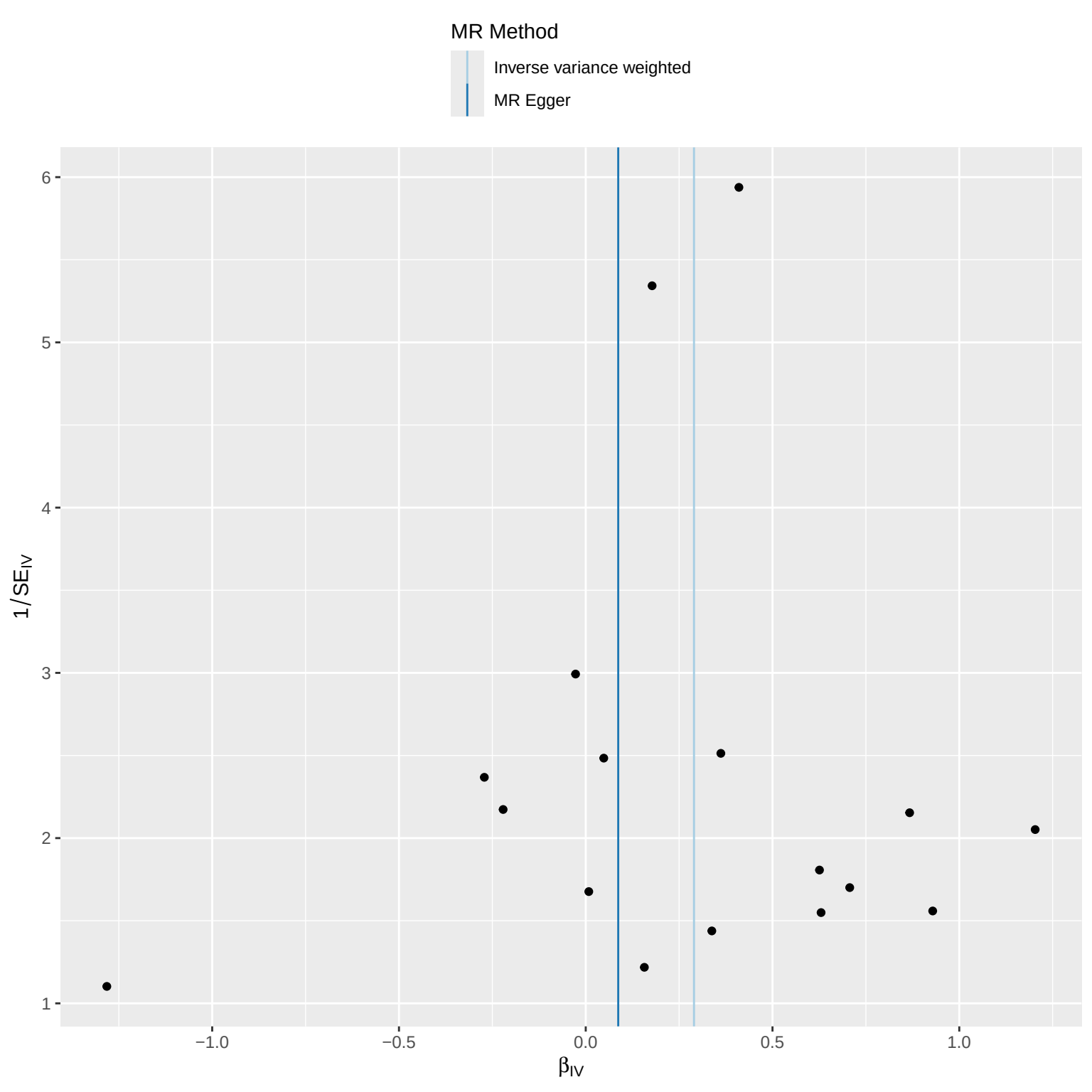

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

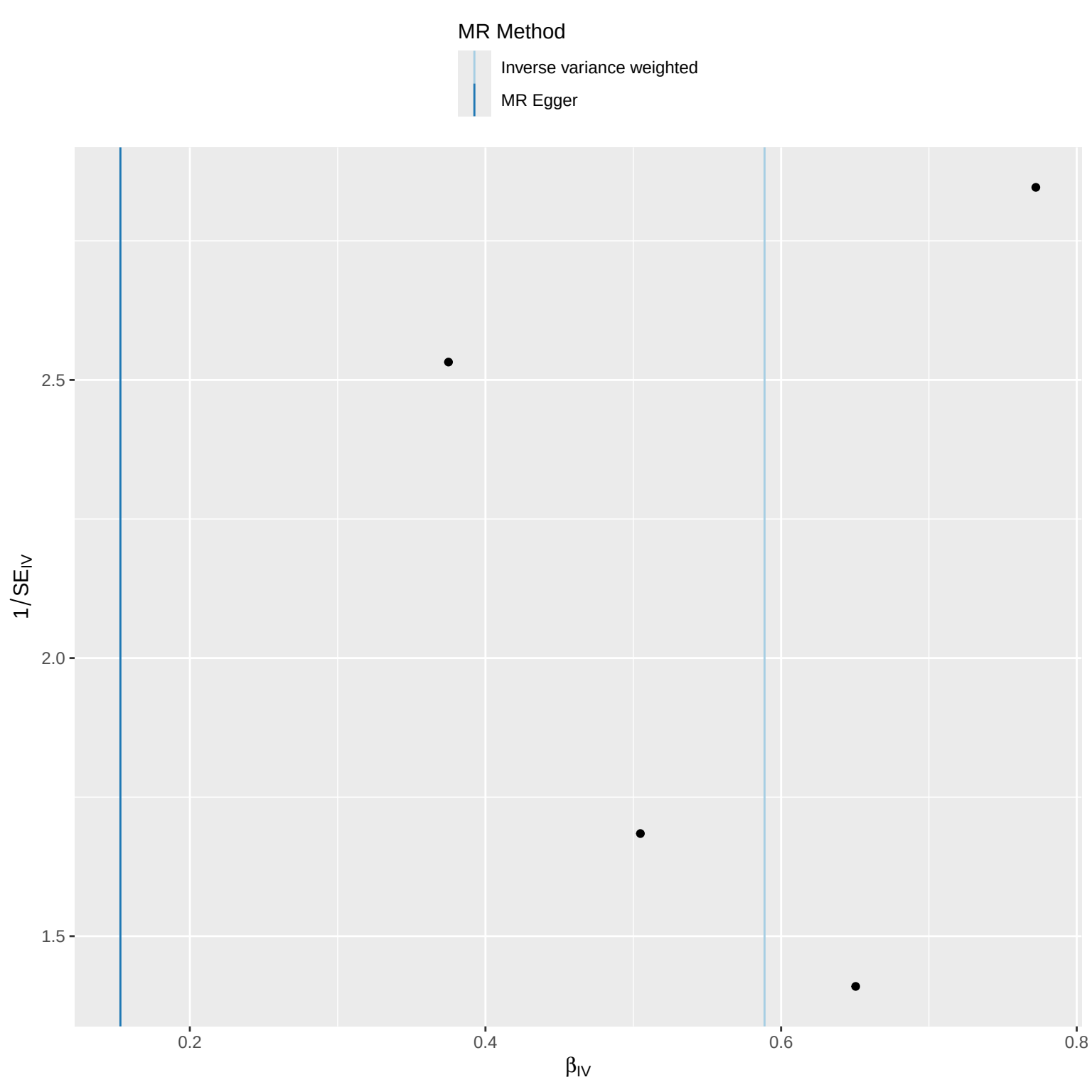

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

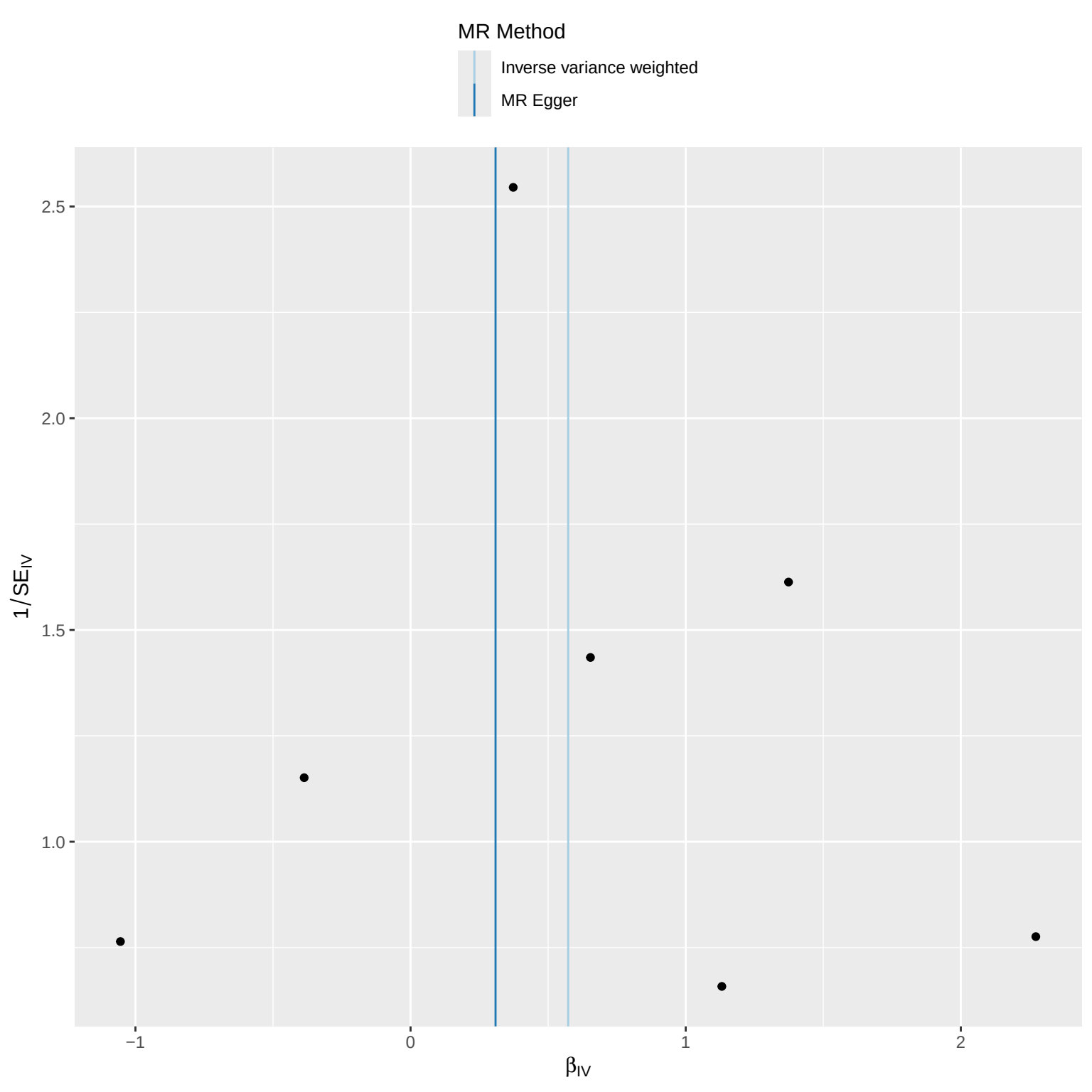

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

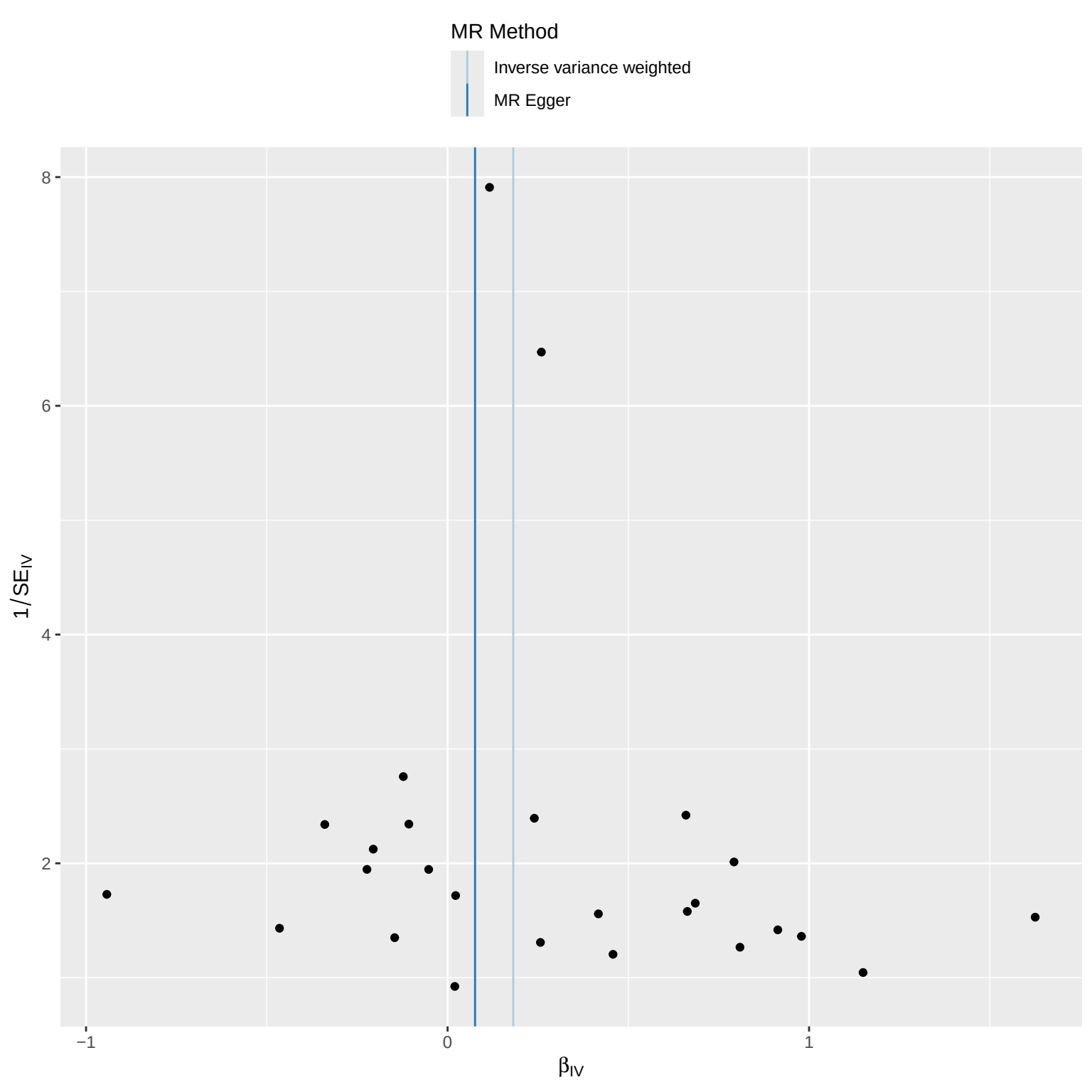

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

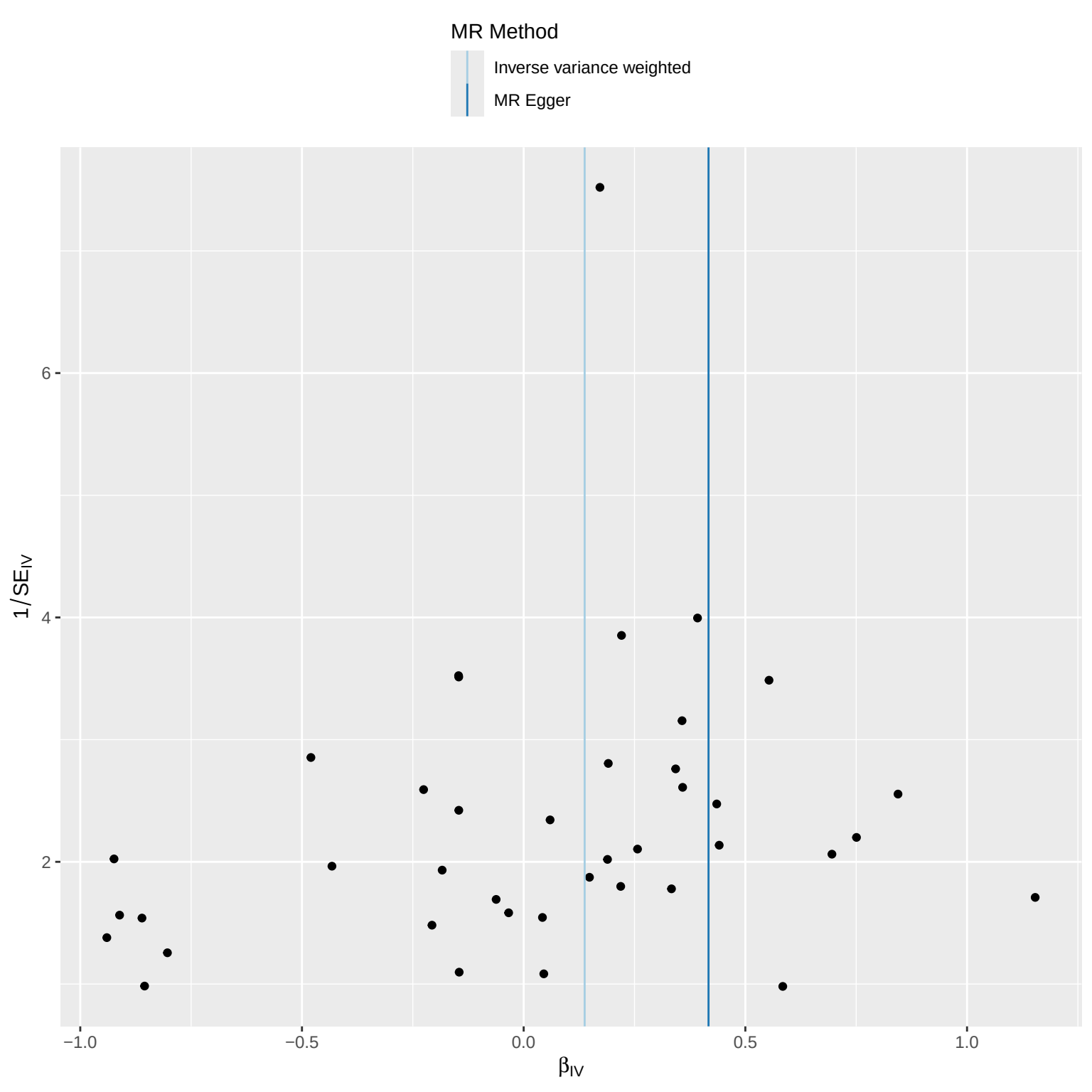

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

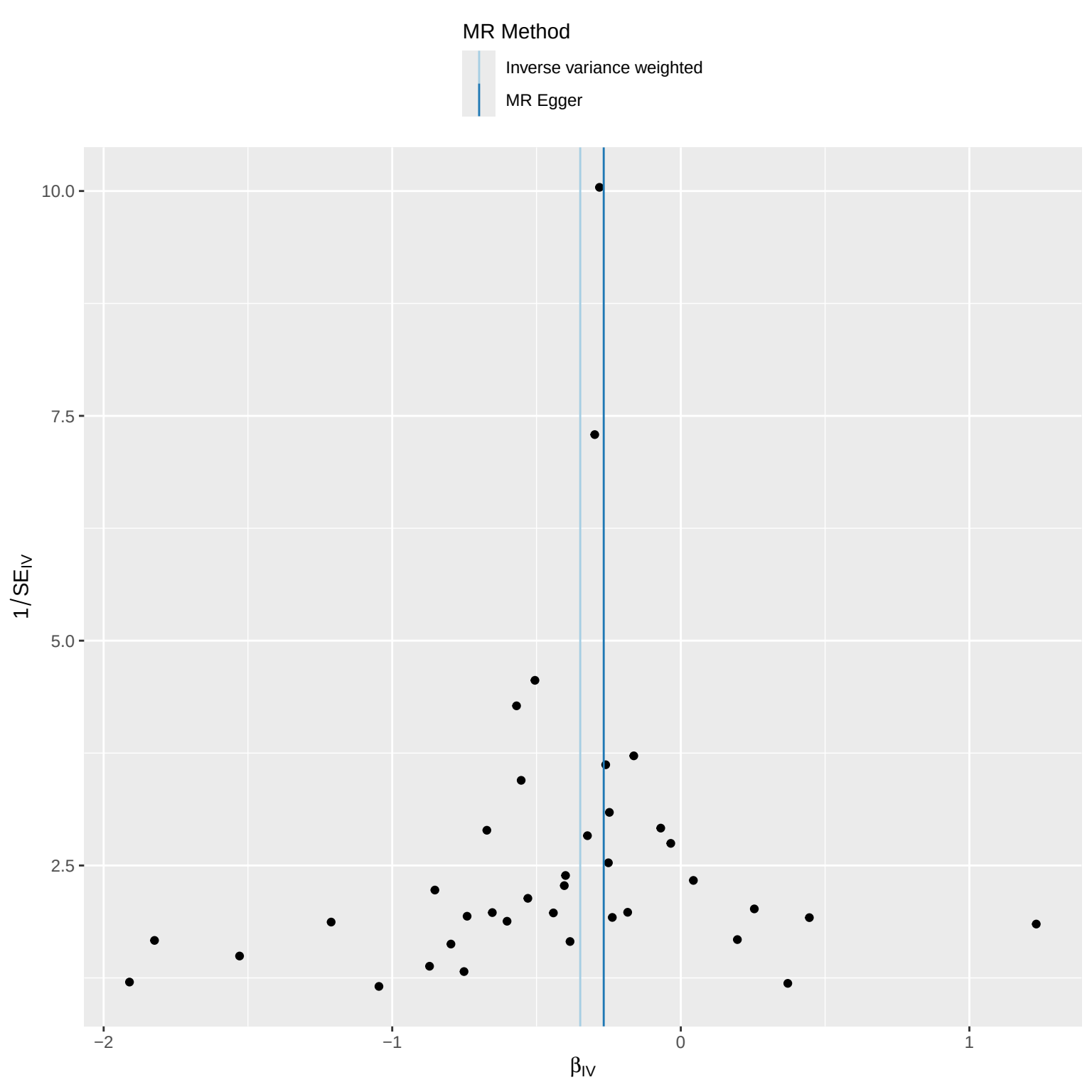

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

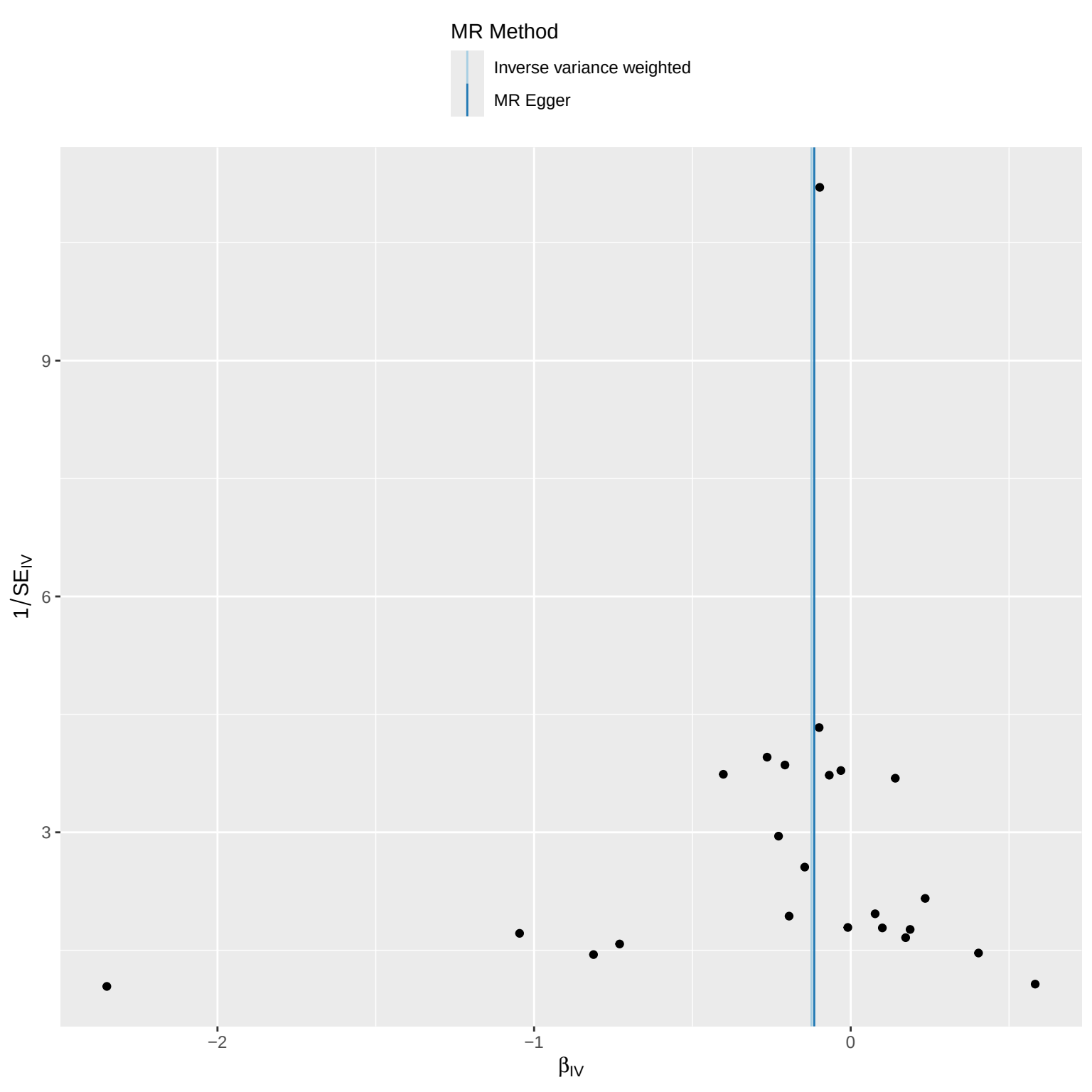

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
0.2
0.4
0.6
0.8
β_IV

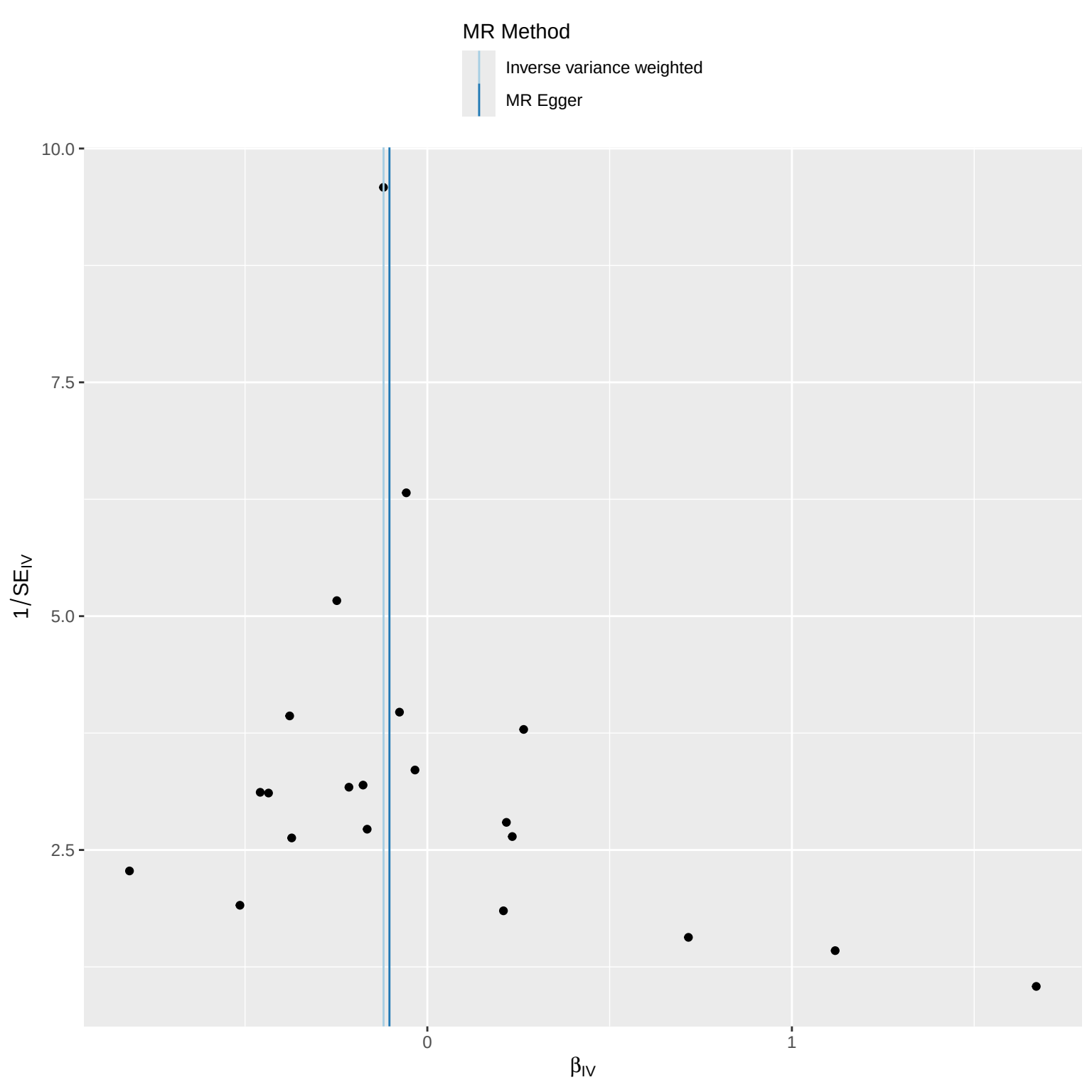

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

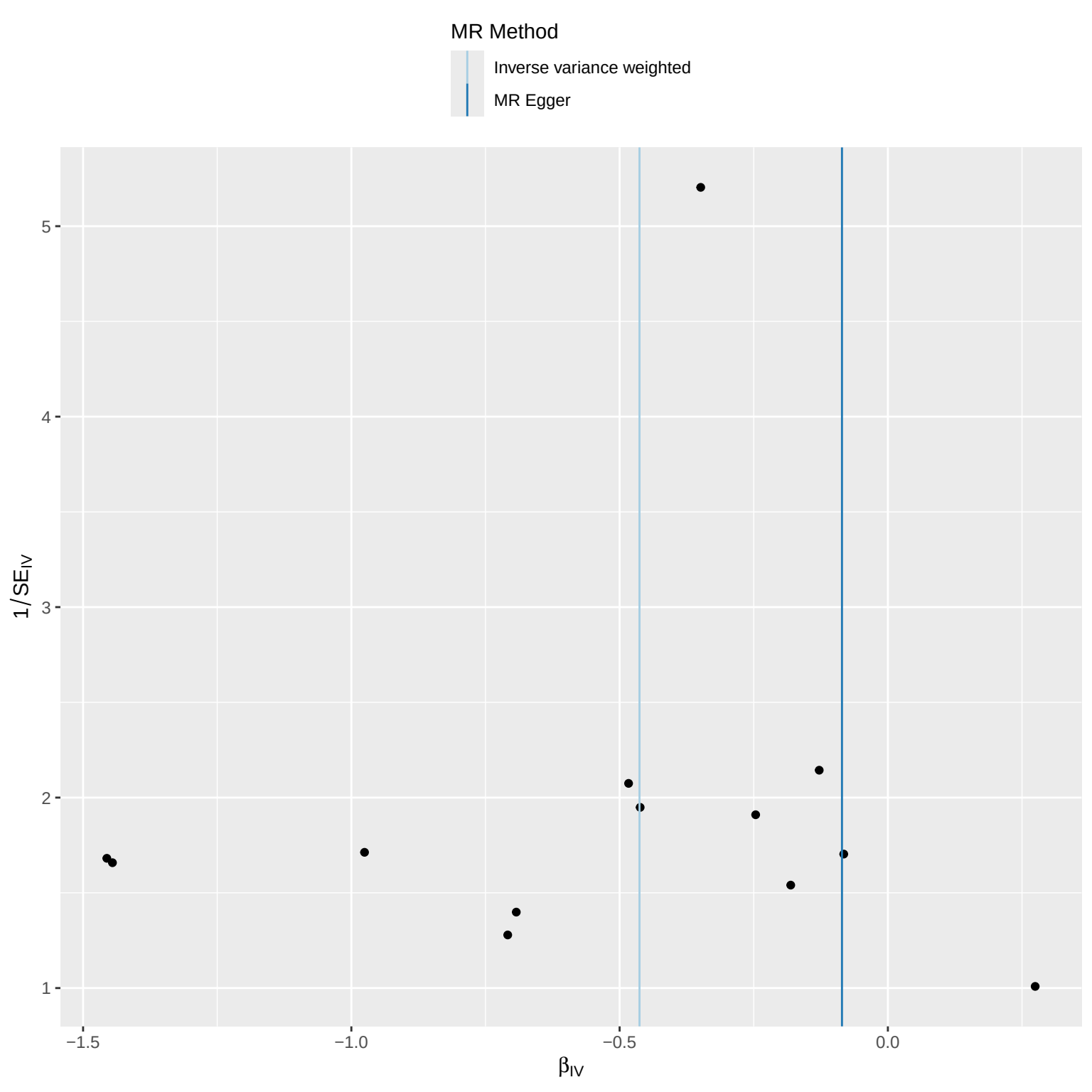

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

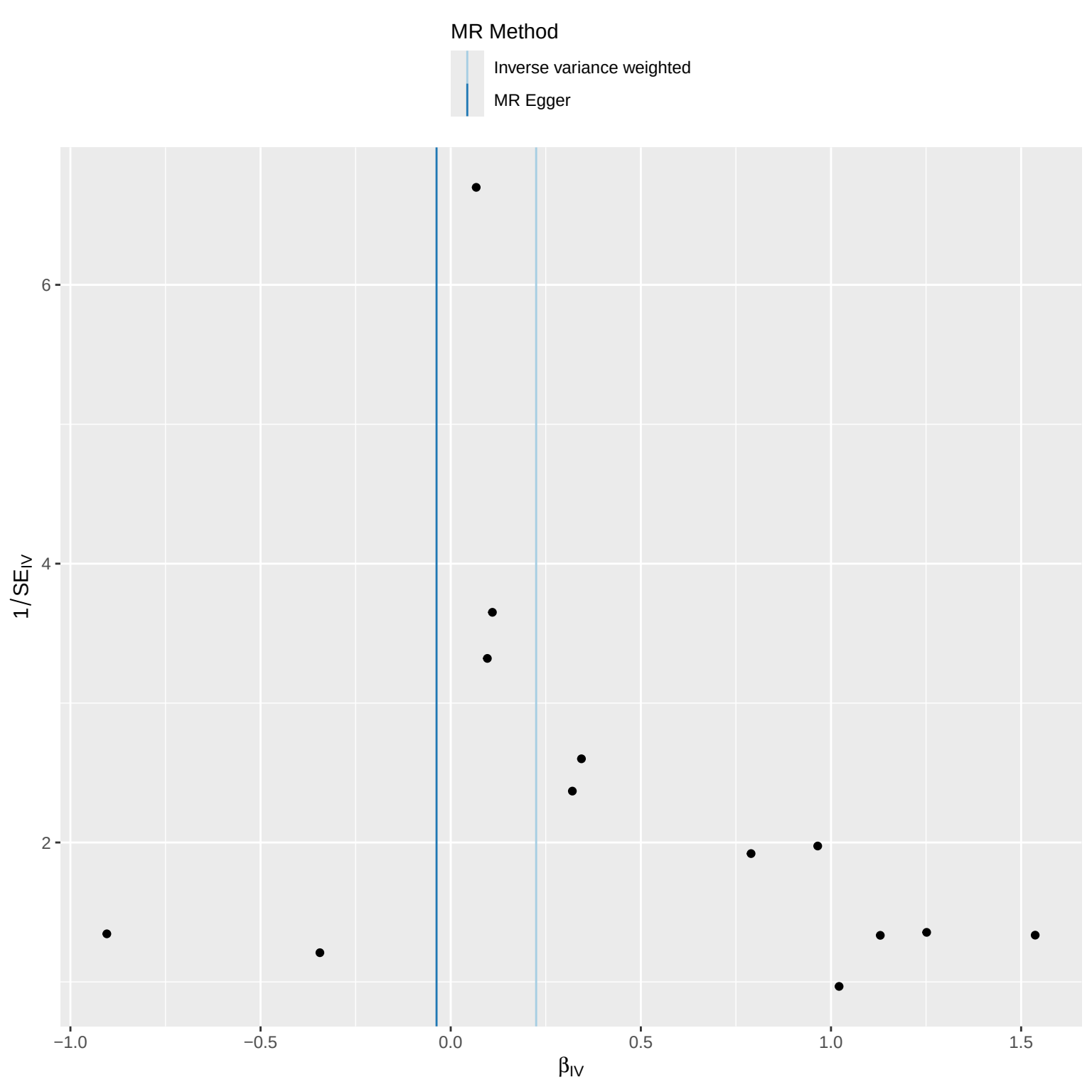

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

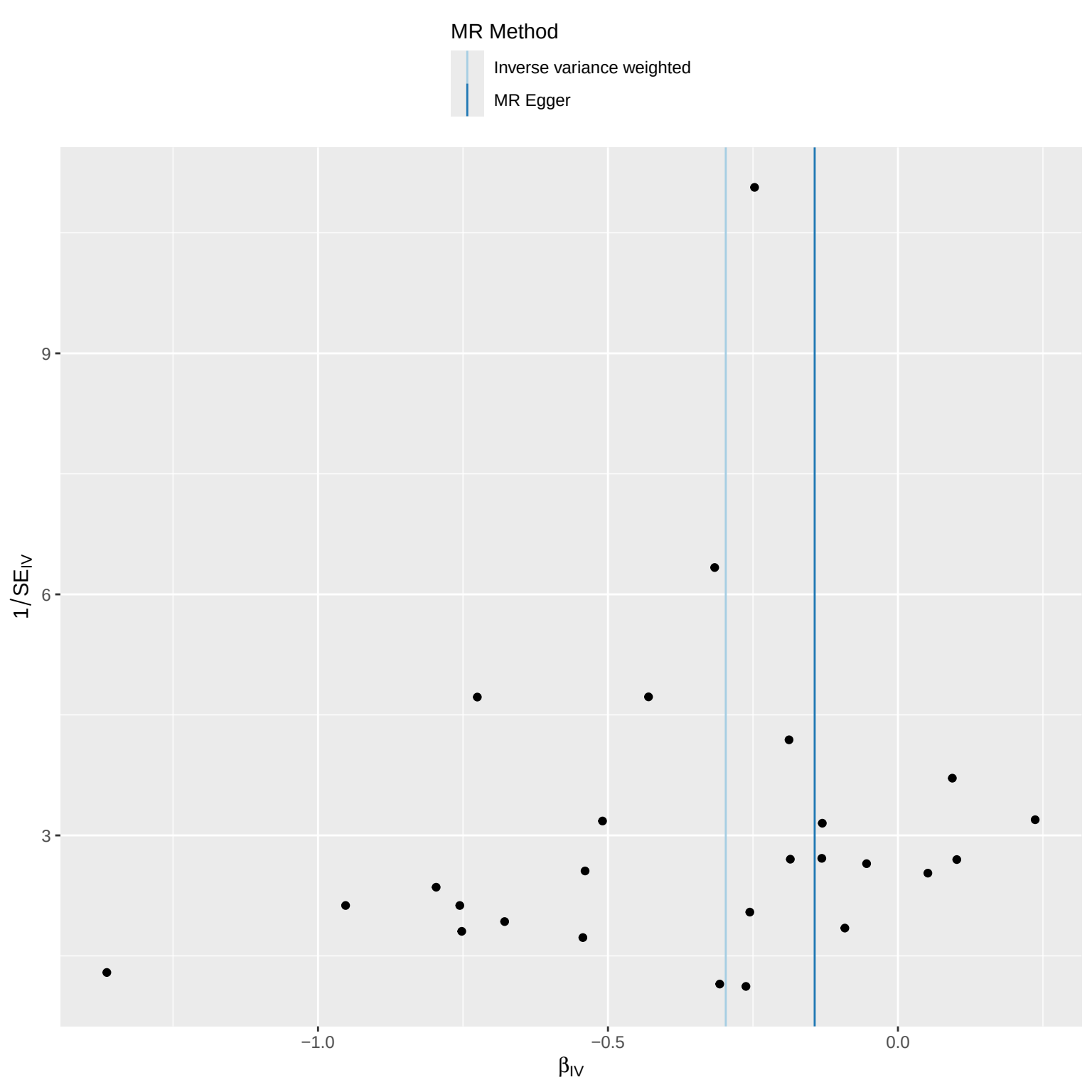

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−2
−1
0
1
β_IV

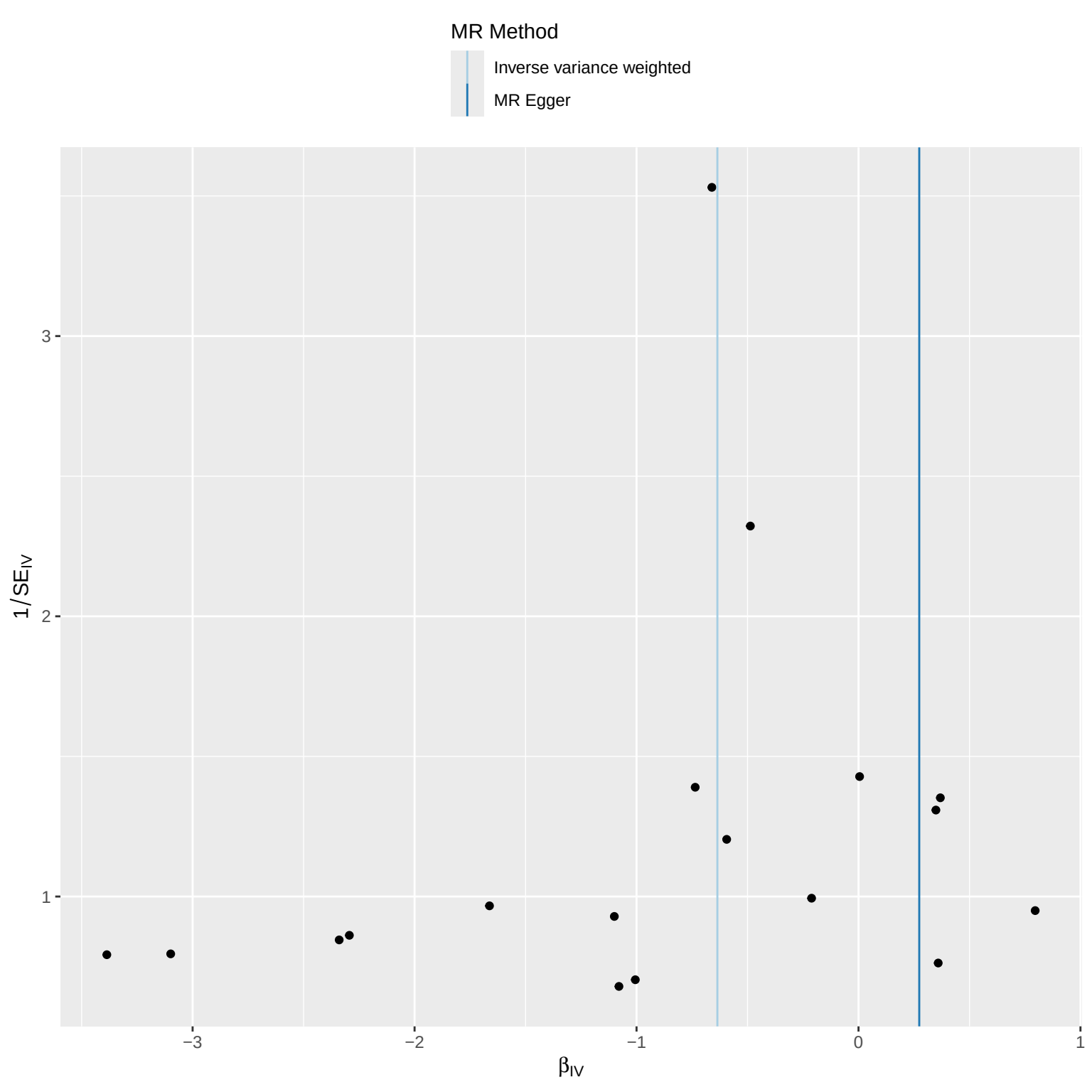

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−2
−1
0
β_IV

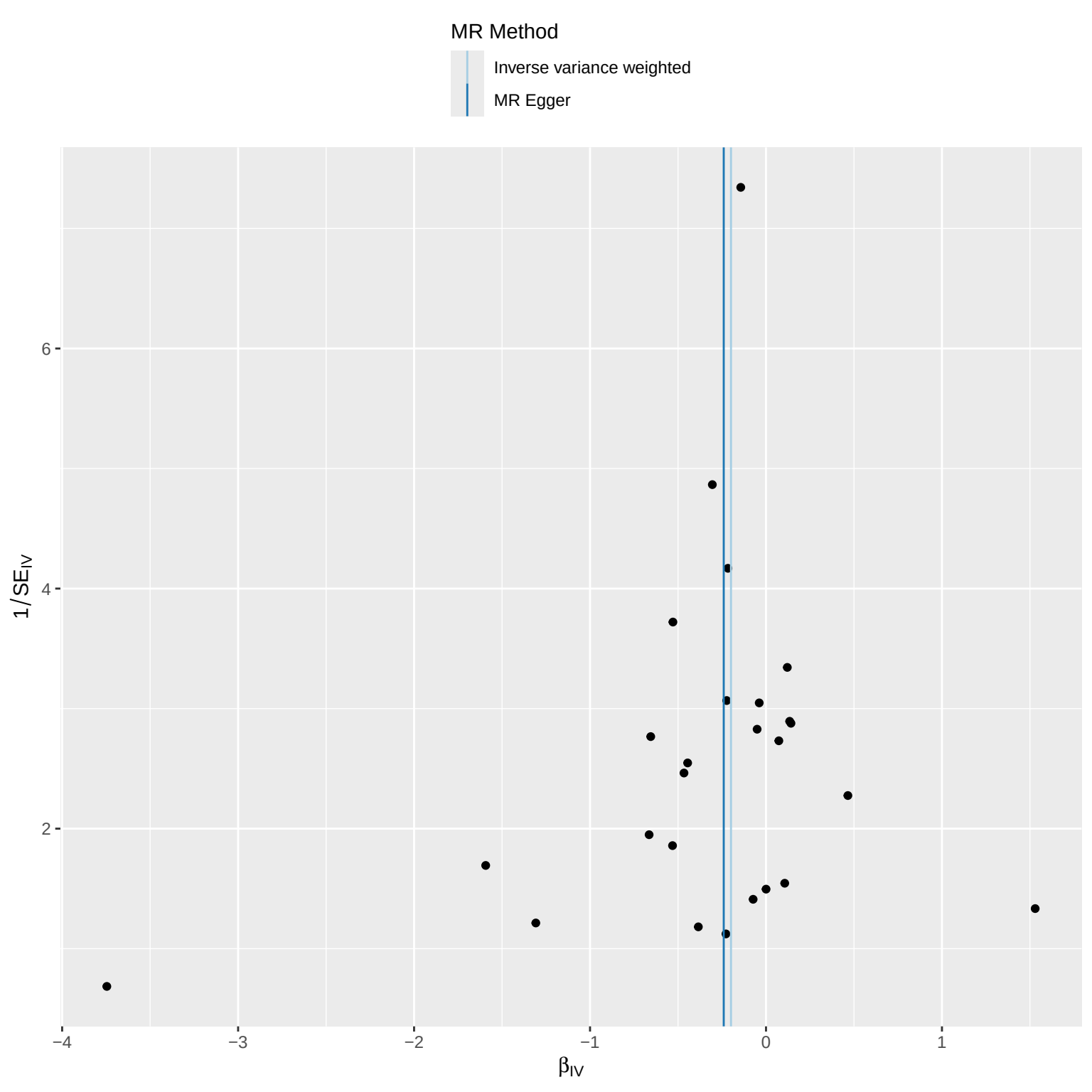

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
0
1
β_IV

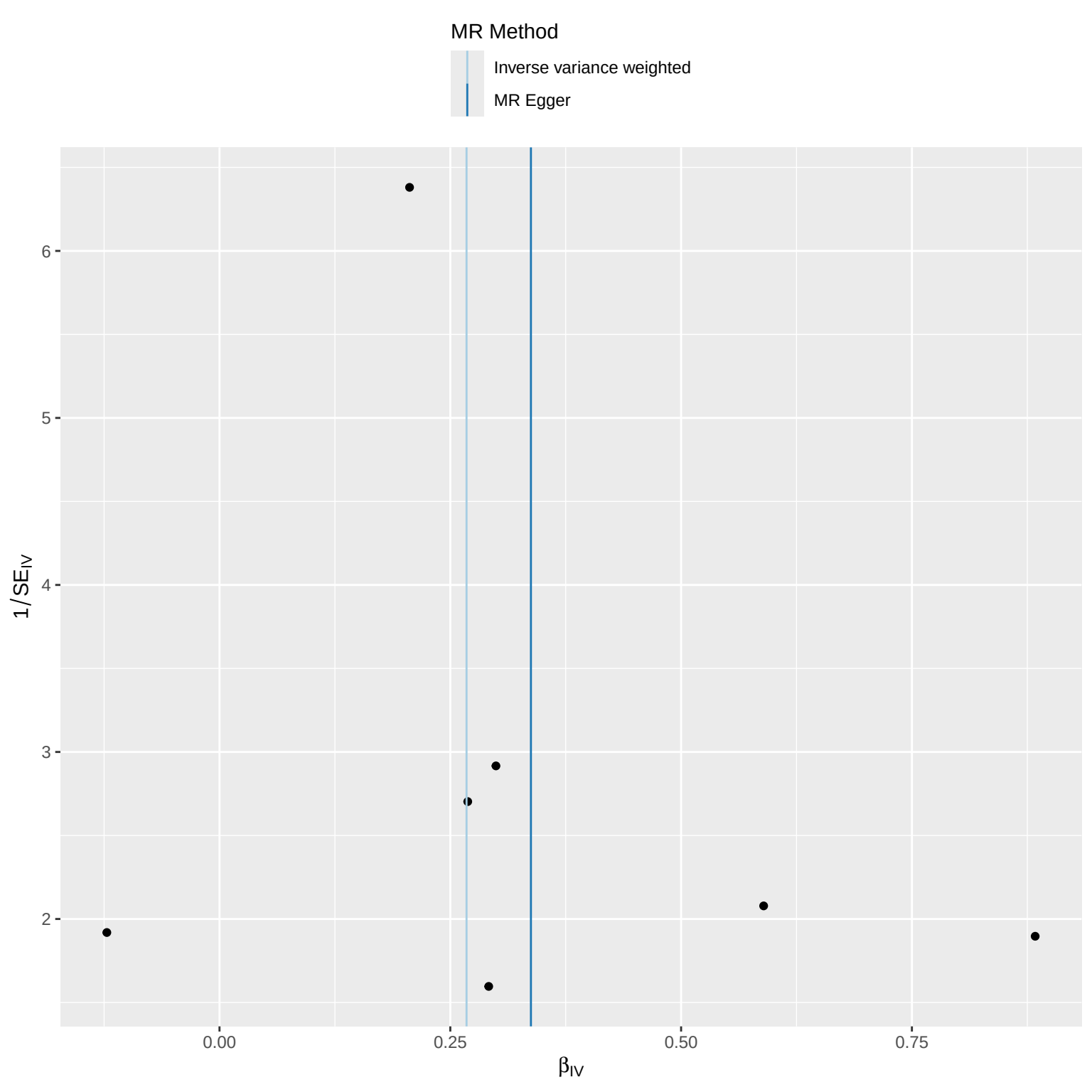

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

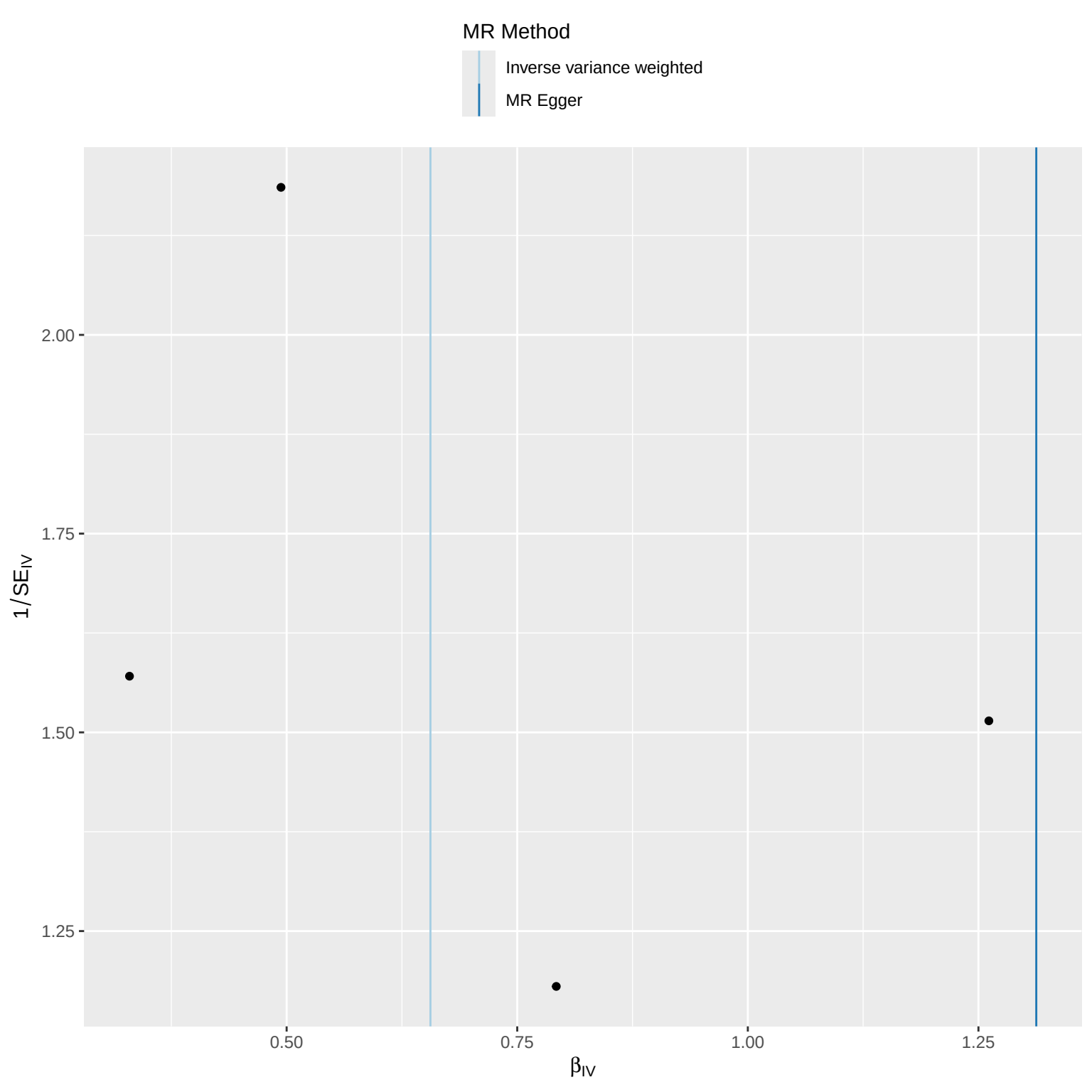

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

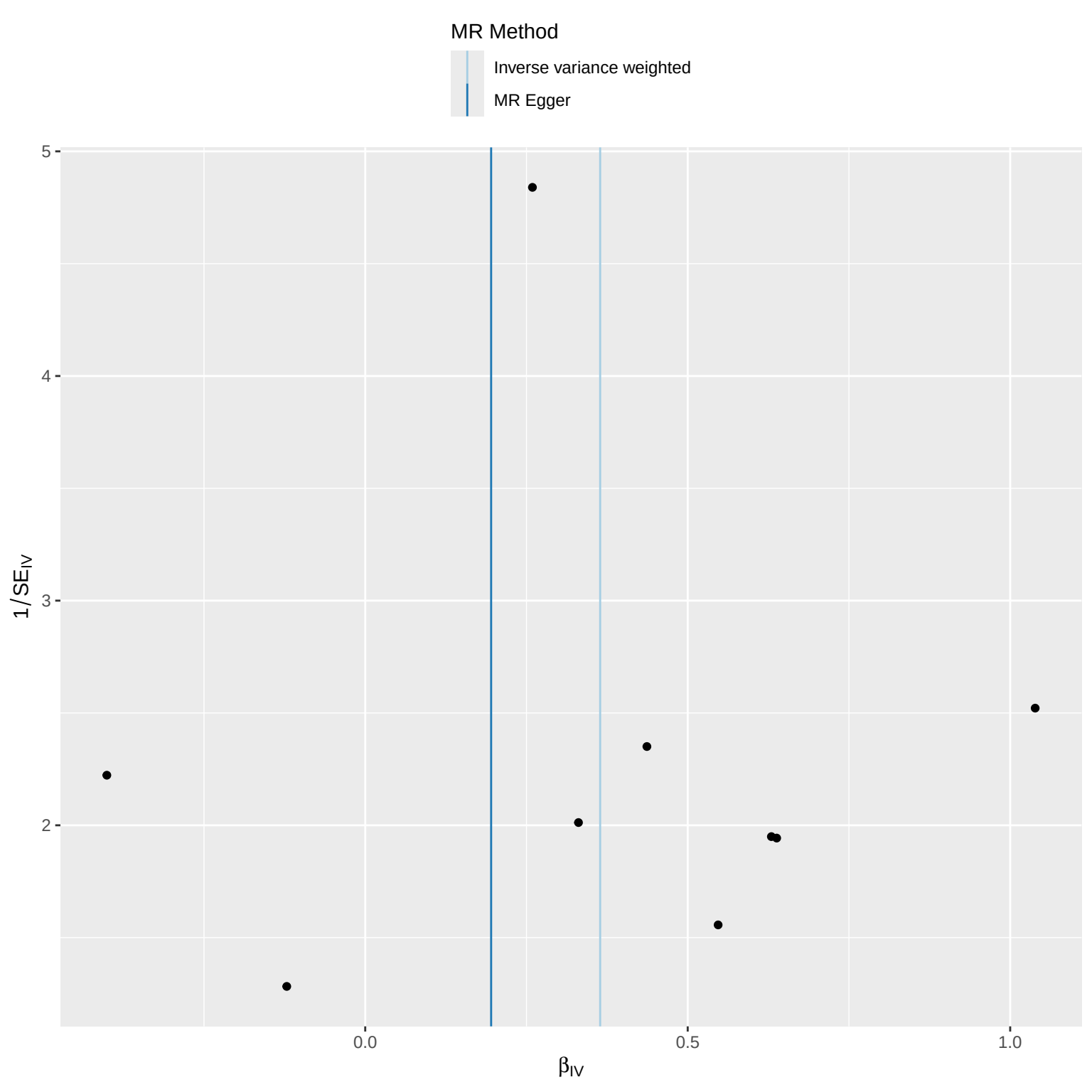

MR Method
Inverse variance weighted
MR Egger
9
6
3
1/SE_IV
−1.0
−0.5
0.0
β_IV

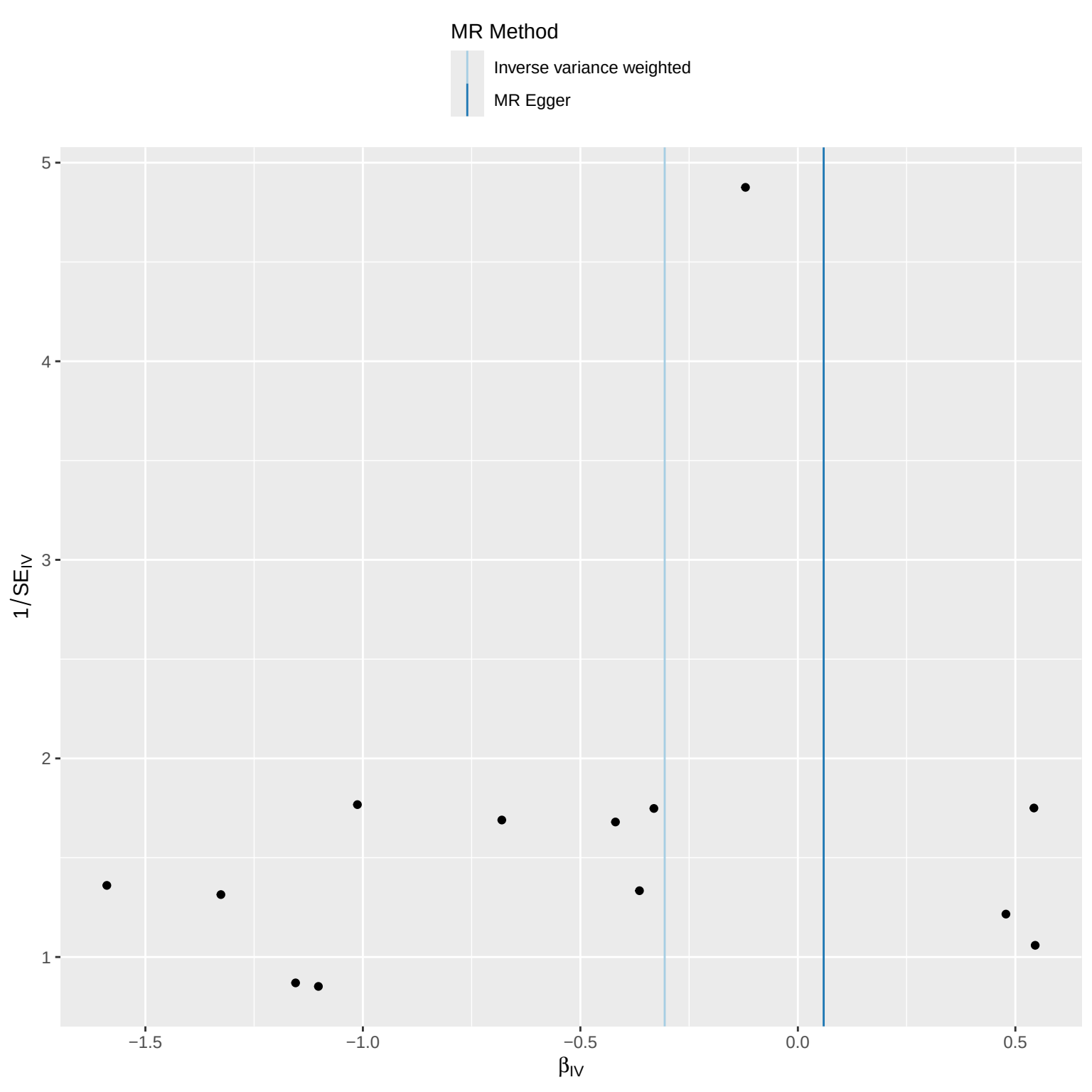

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

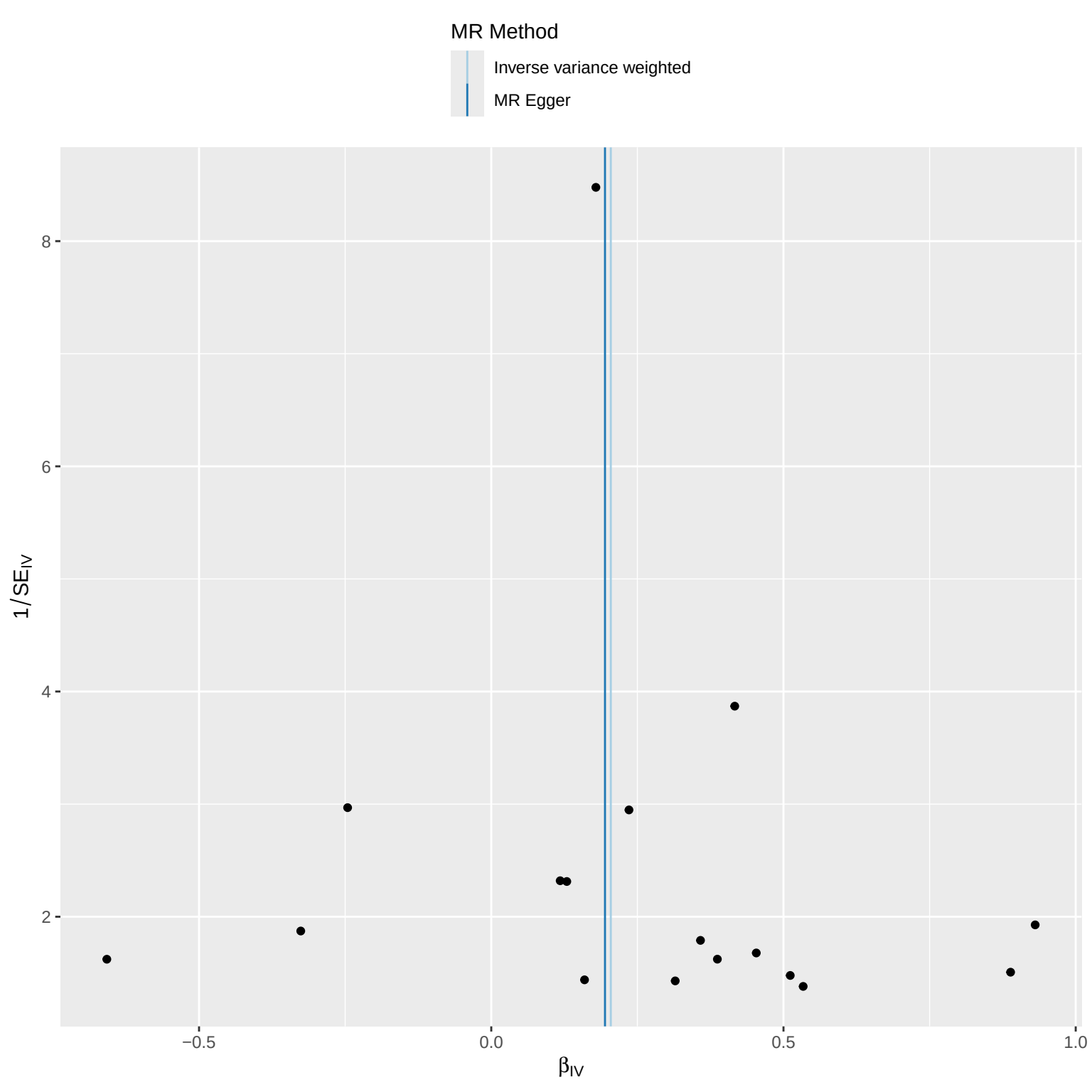

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

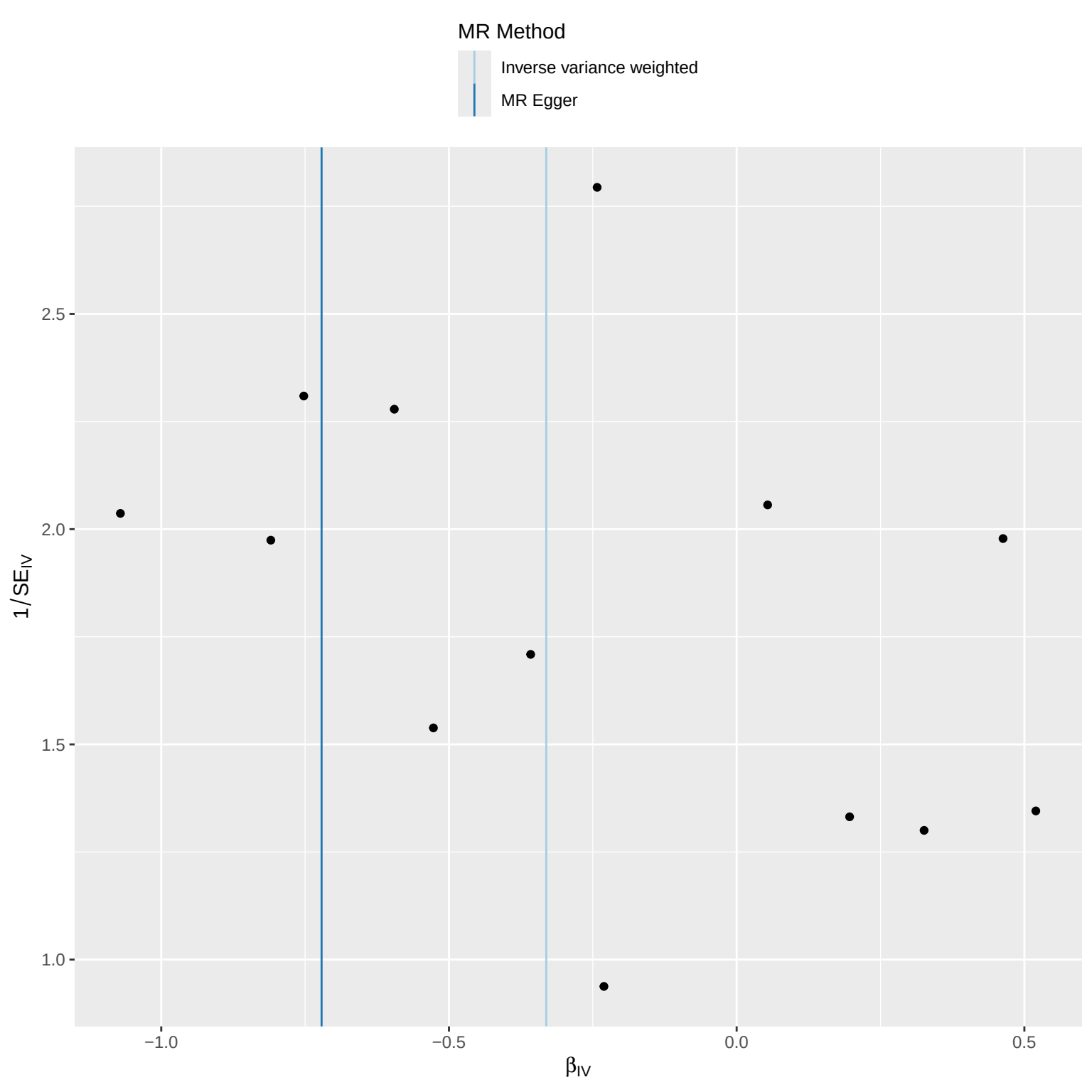

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
0.00
0.25
0.50
0.75
β_IV

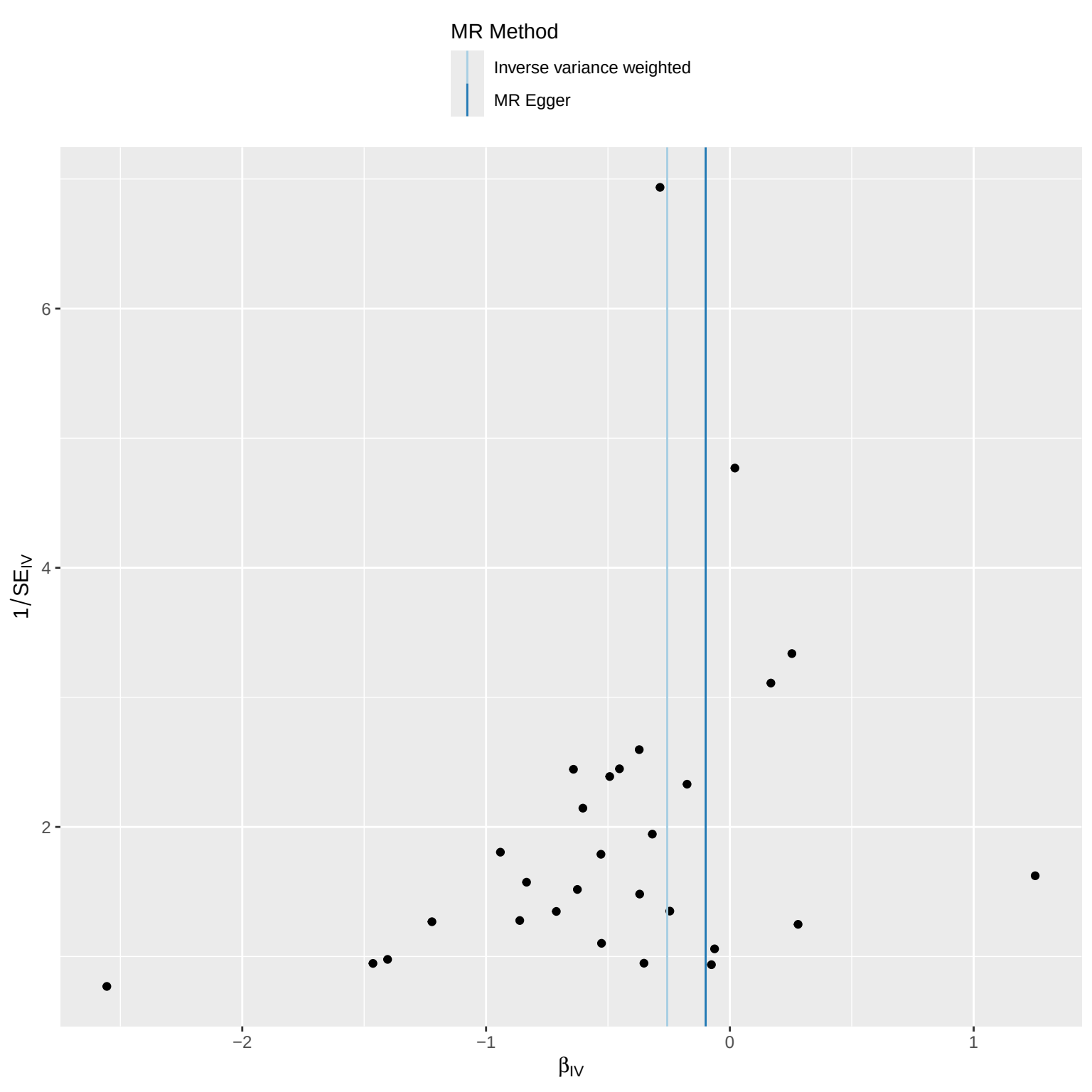

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1/SE_IV
0.50
0.75
1.00
1.25
β_IV

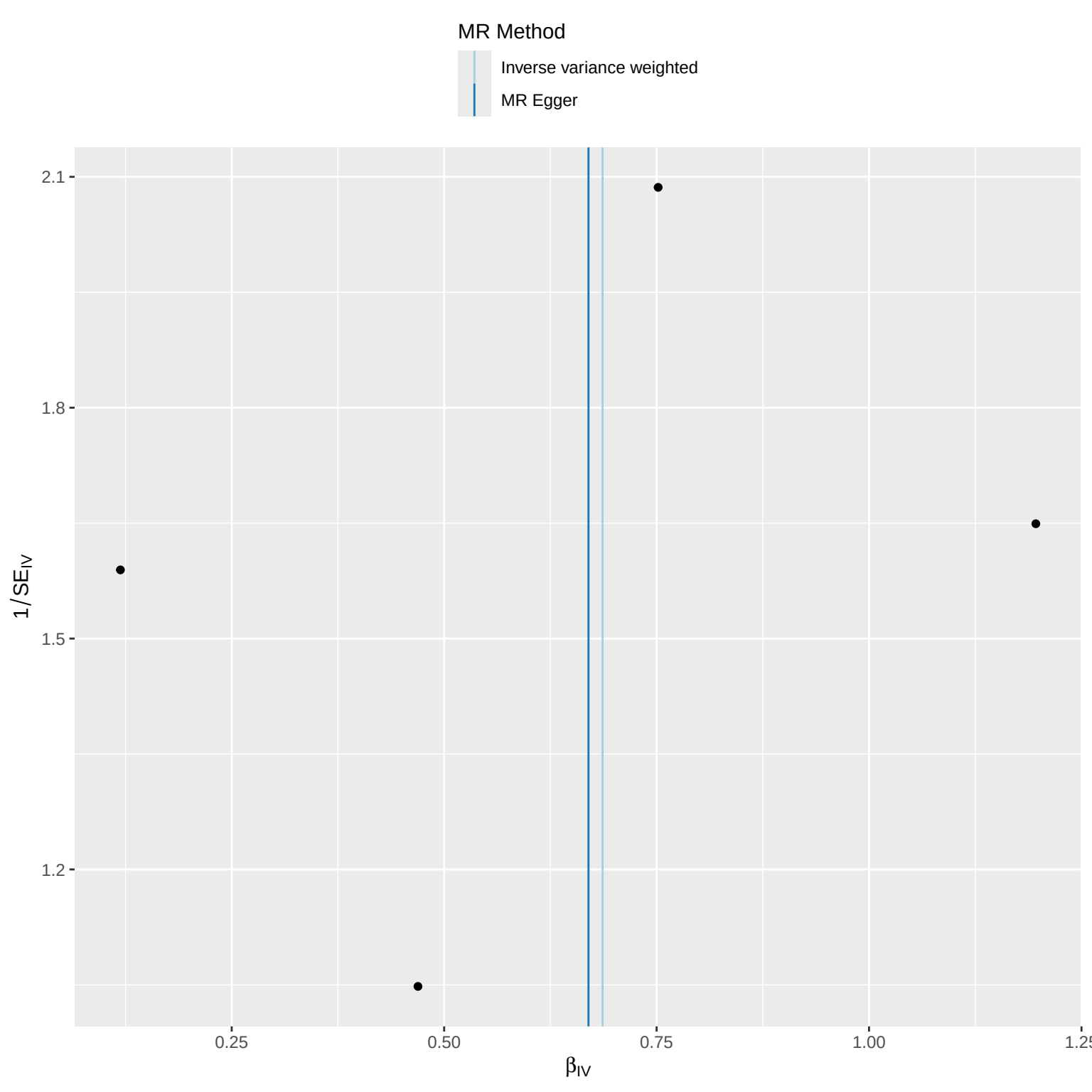

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
0.0
0.5
1.0
β_IV

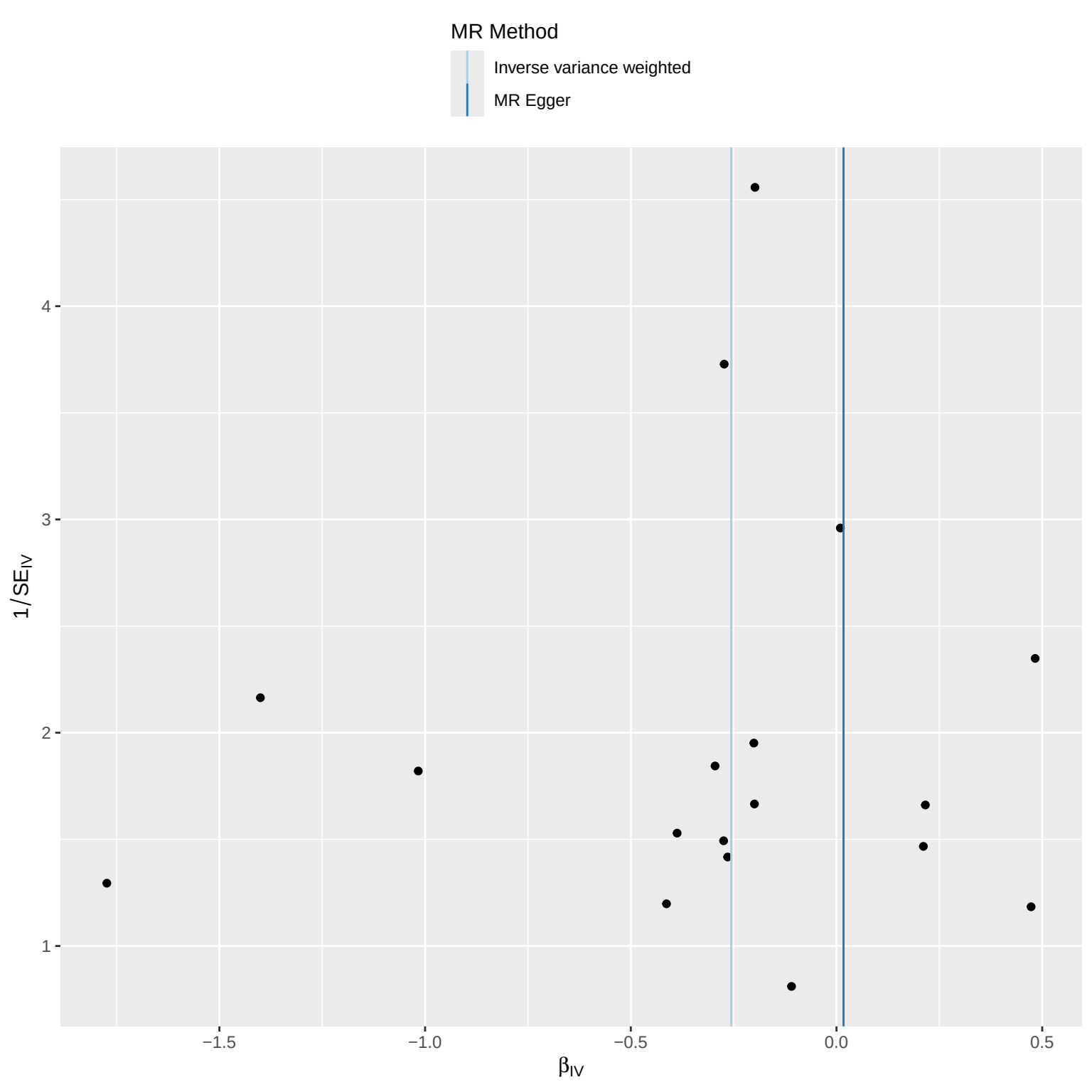

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

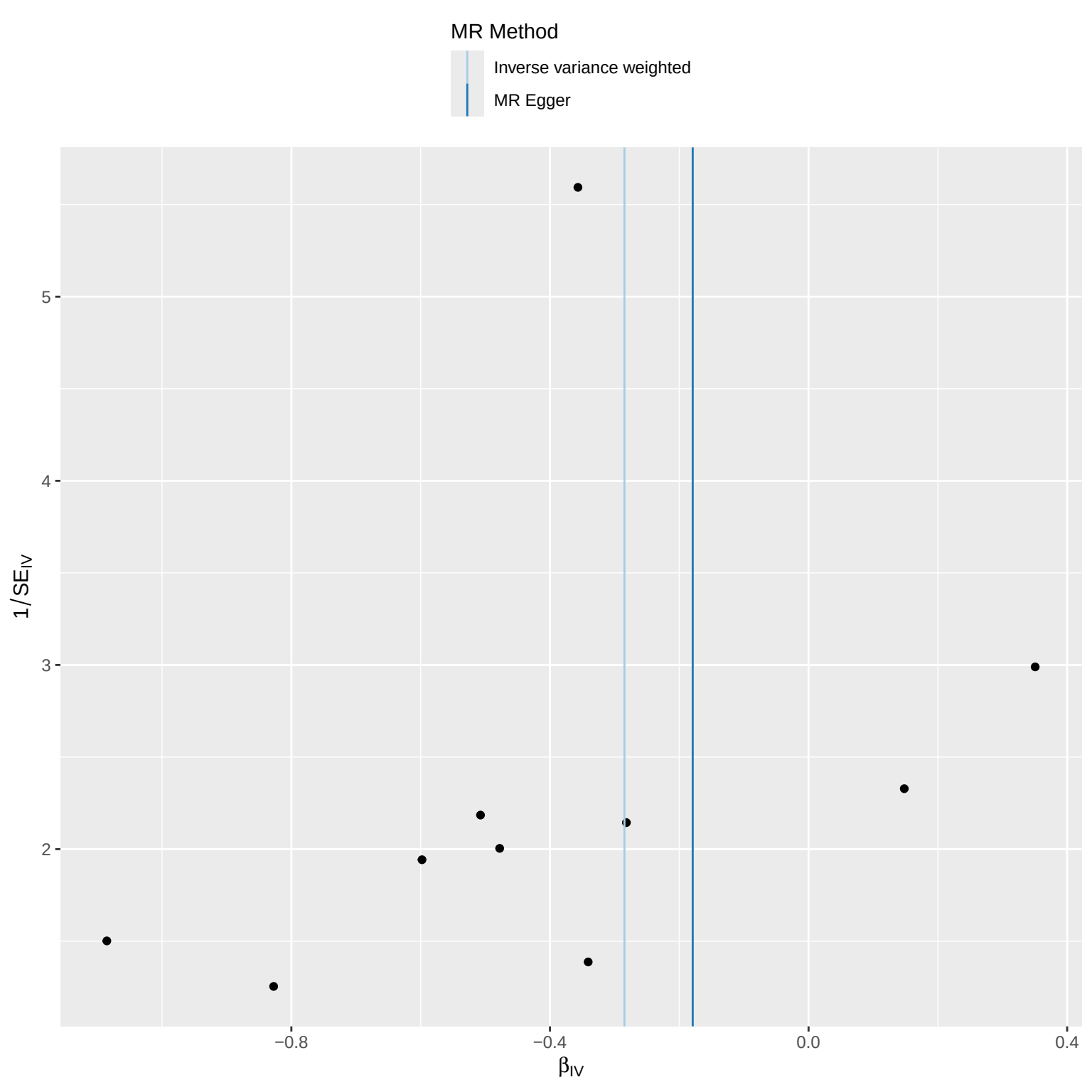

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

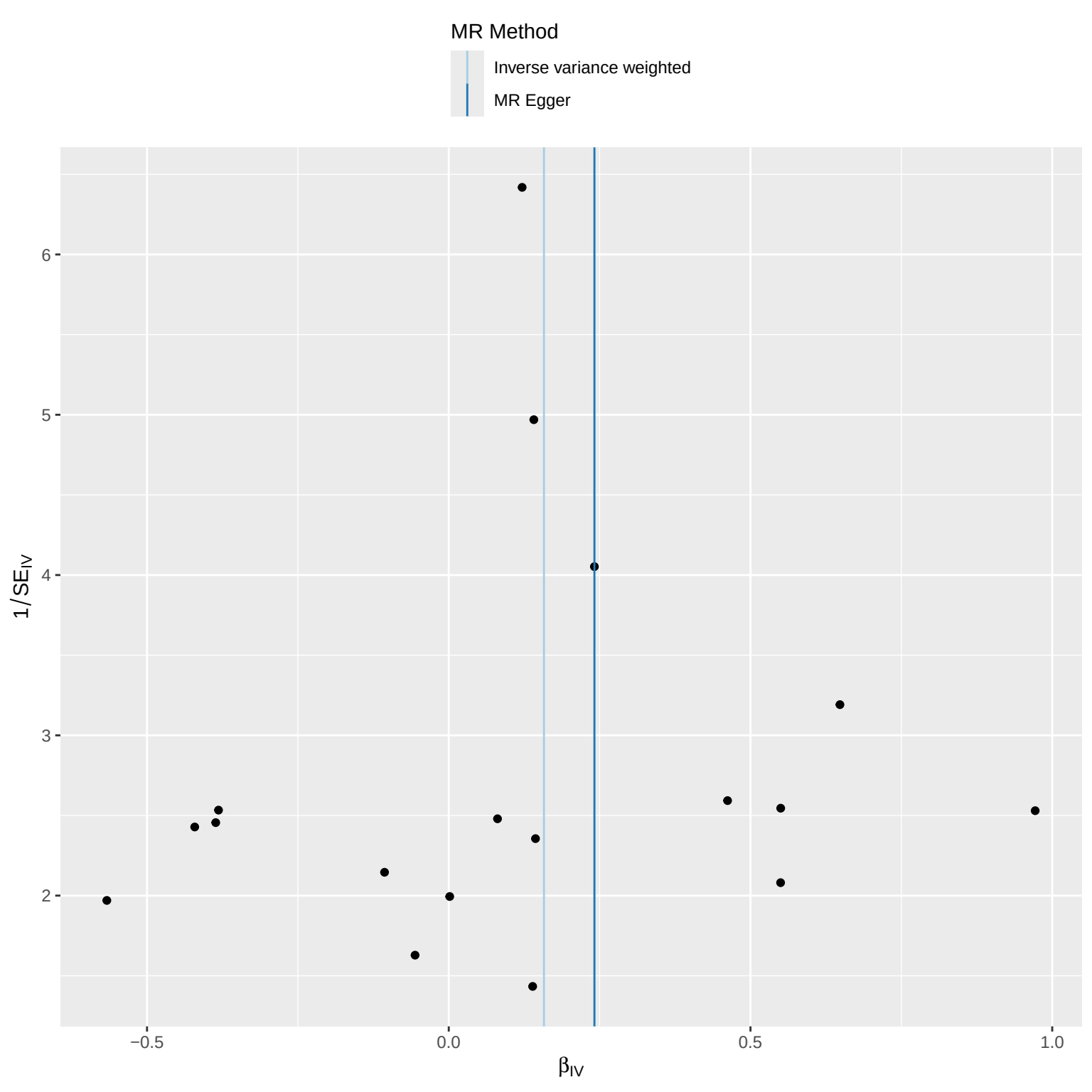

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

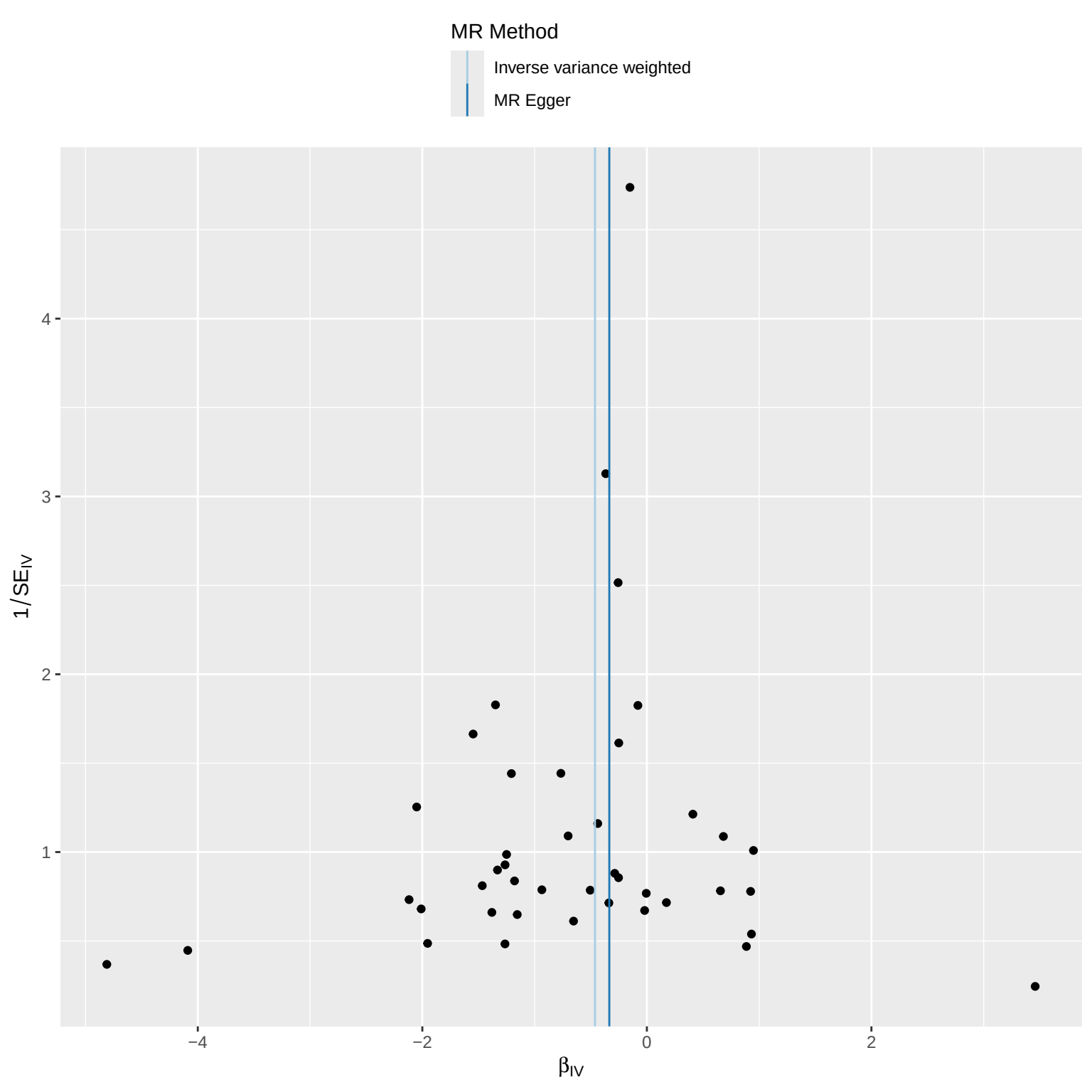

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

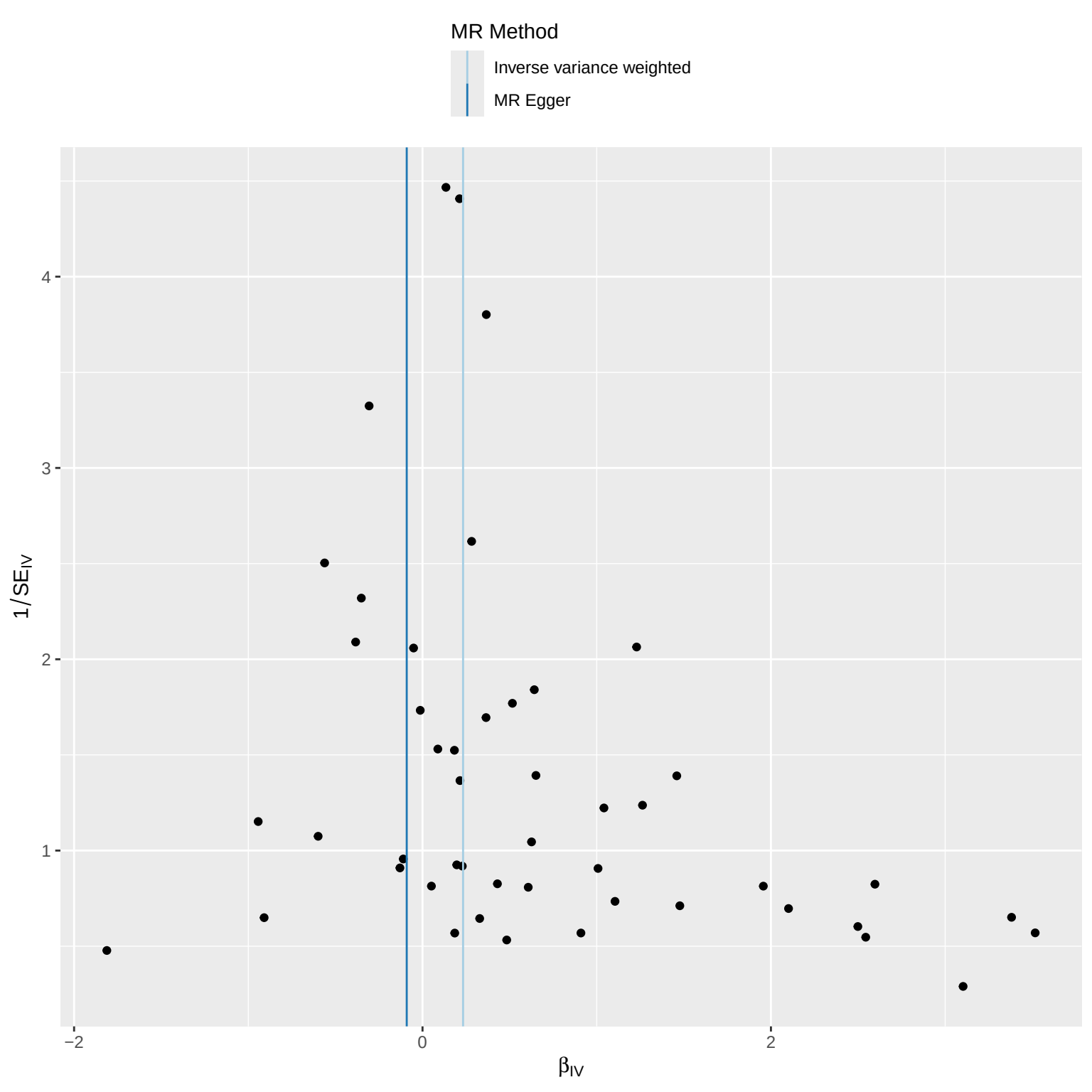

MR Method
Inverse variance weighted
MR Egger
2.1
1.8
1.5
1.2
1/SE_IV
0.25
0.50
0.75
1.00
1.25
β_IV

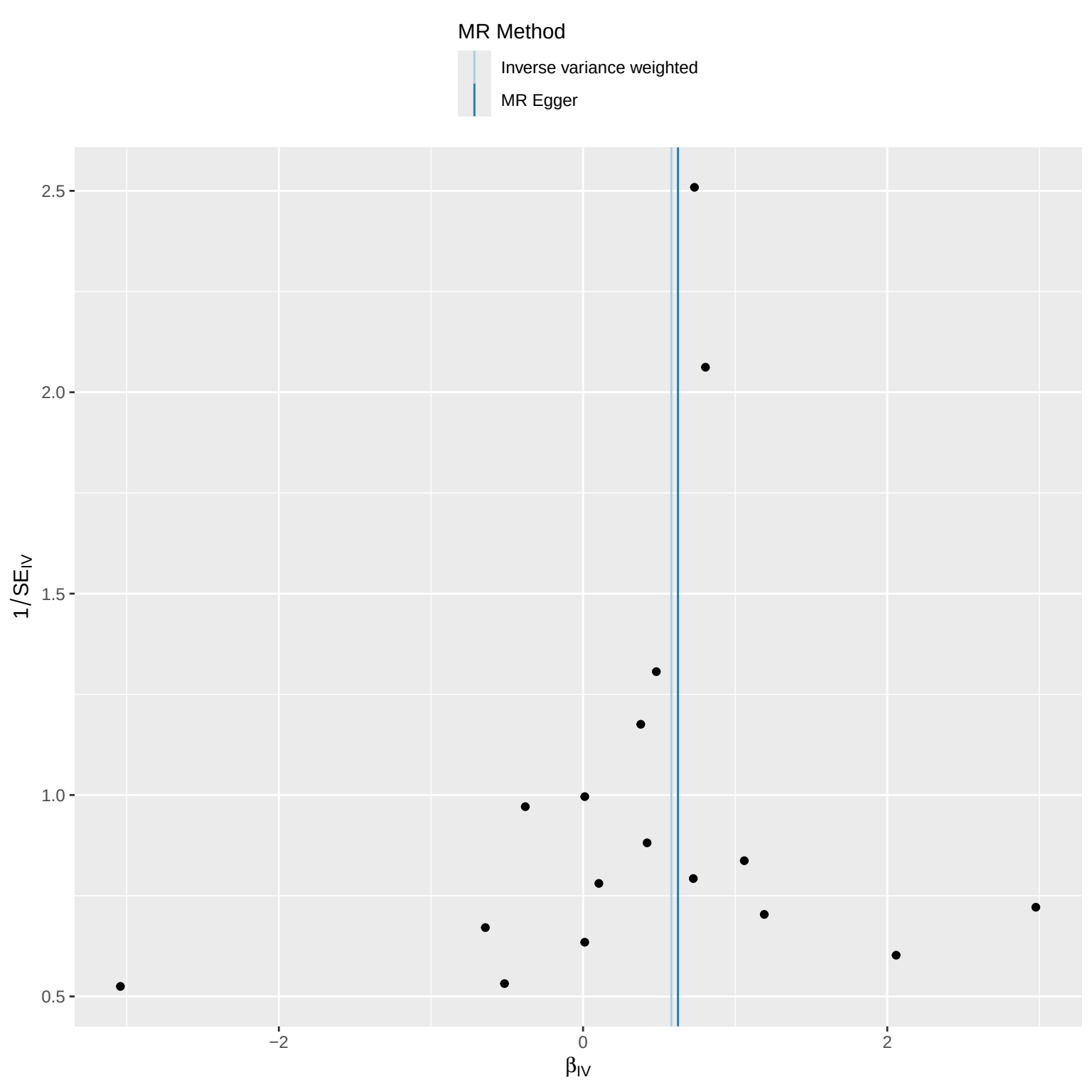

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

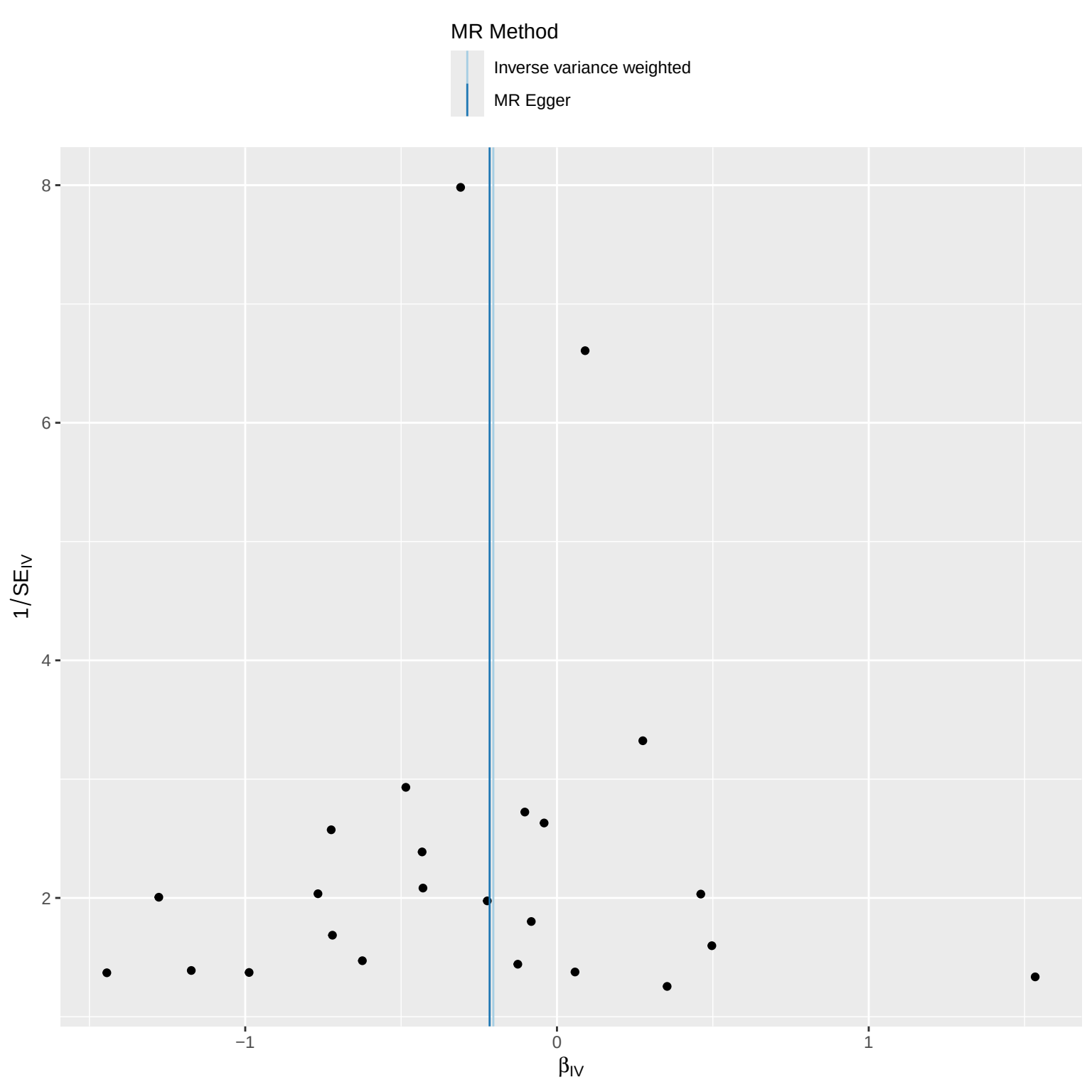

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

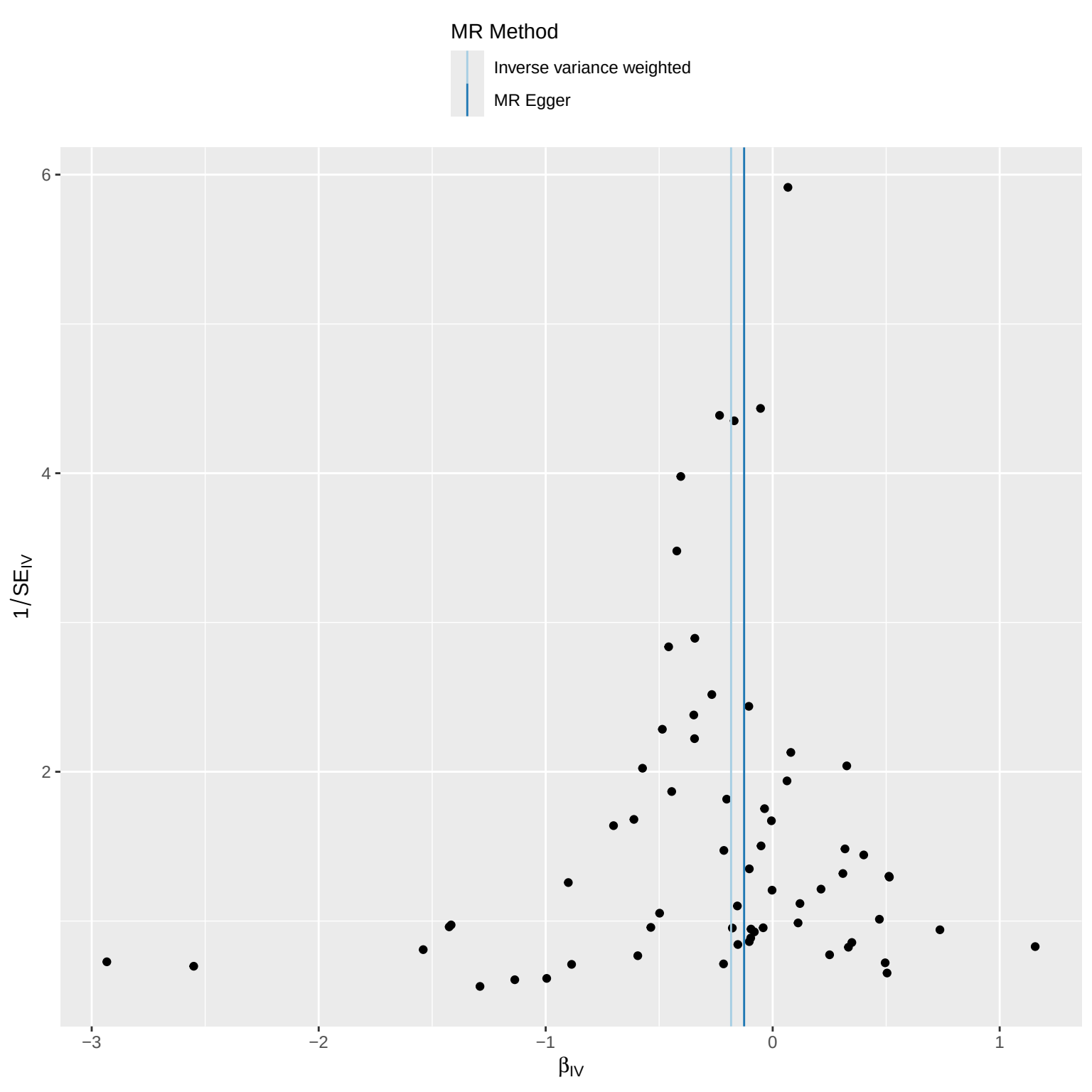

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

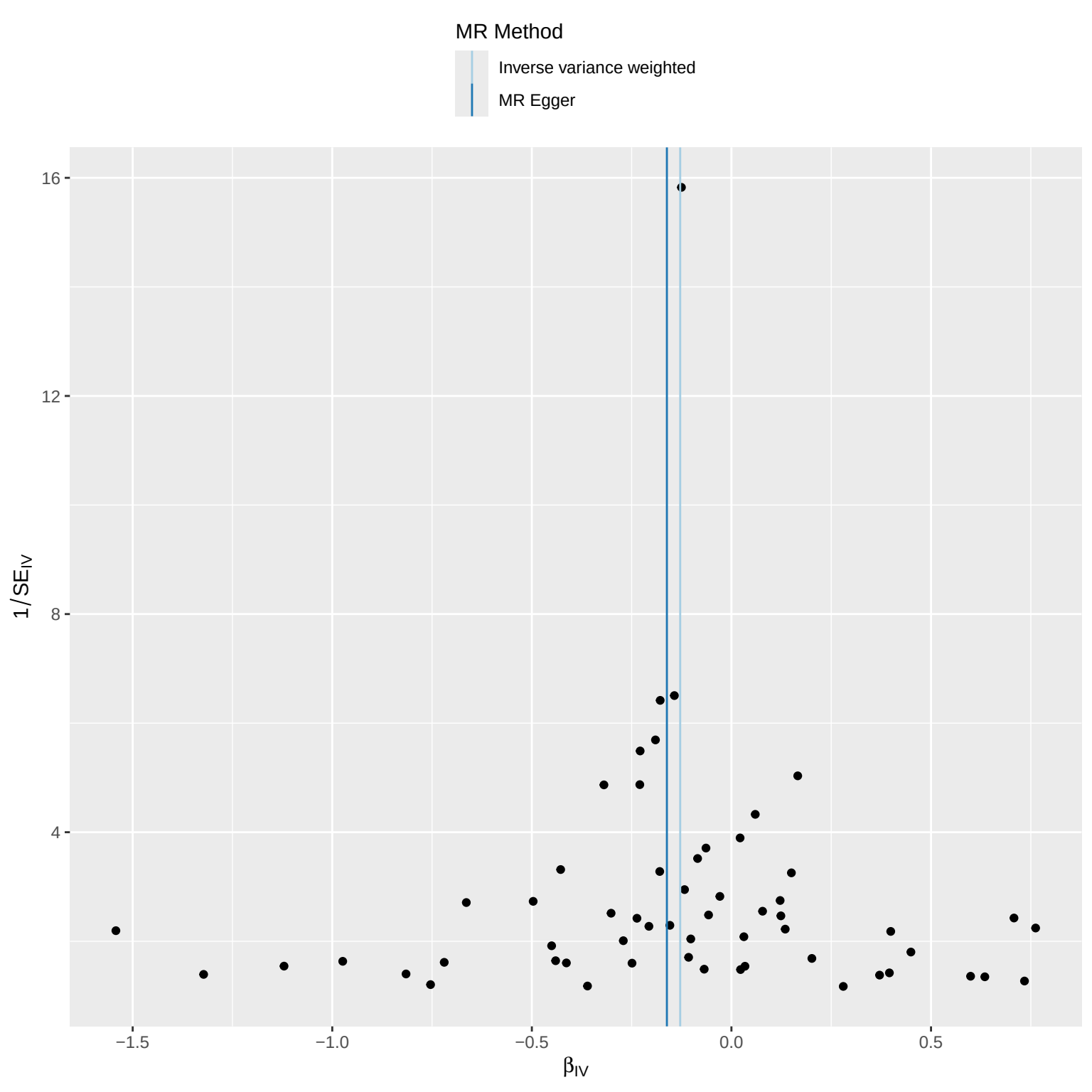

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

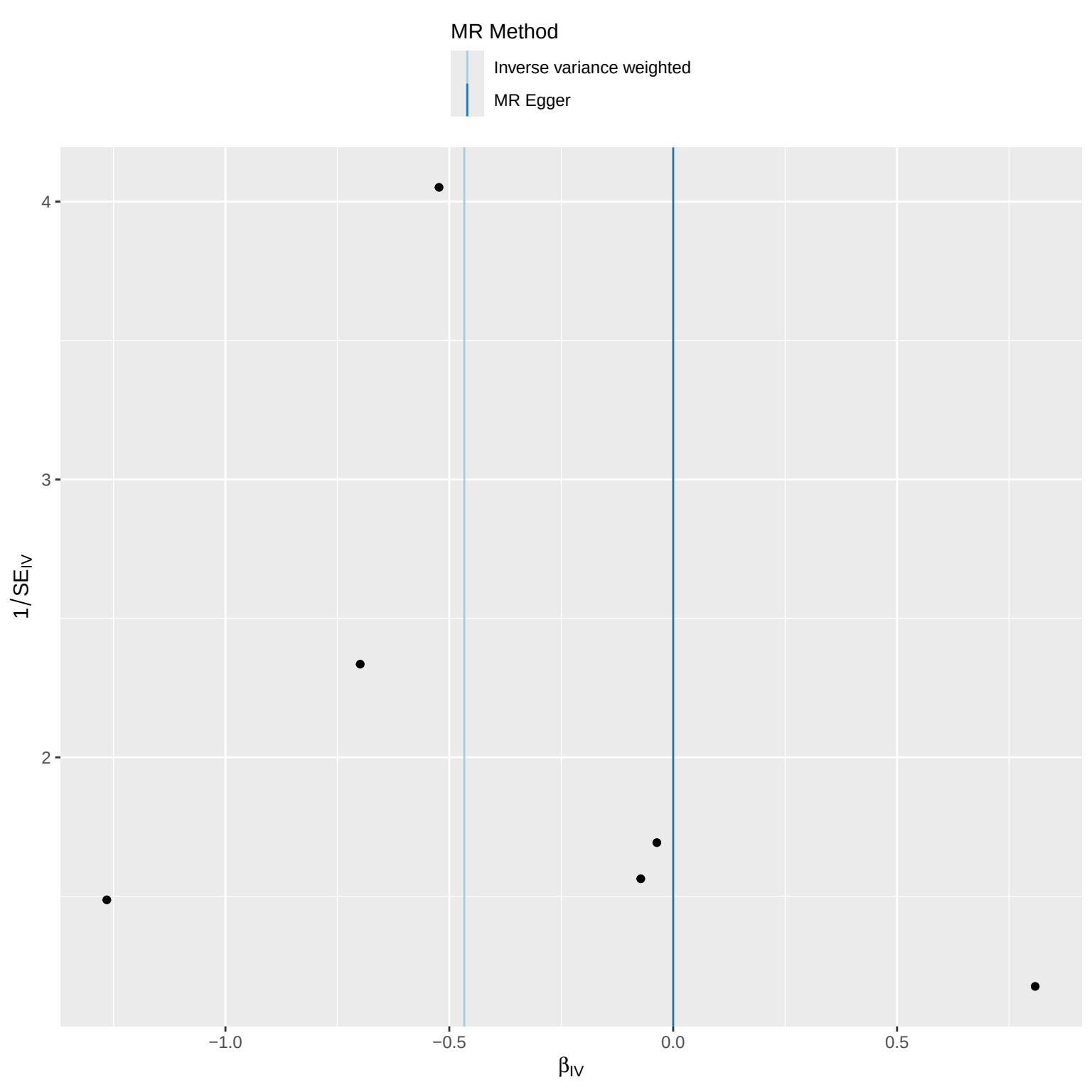

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

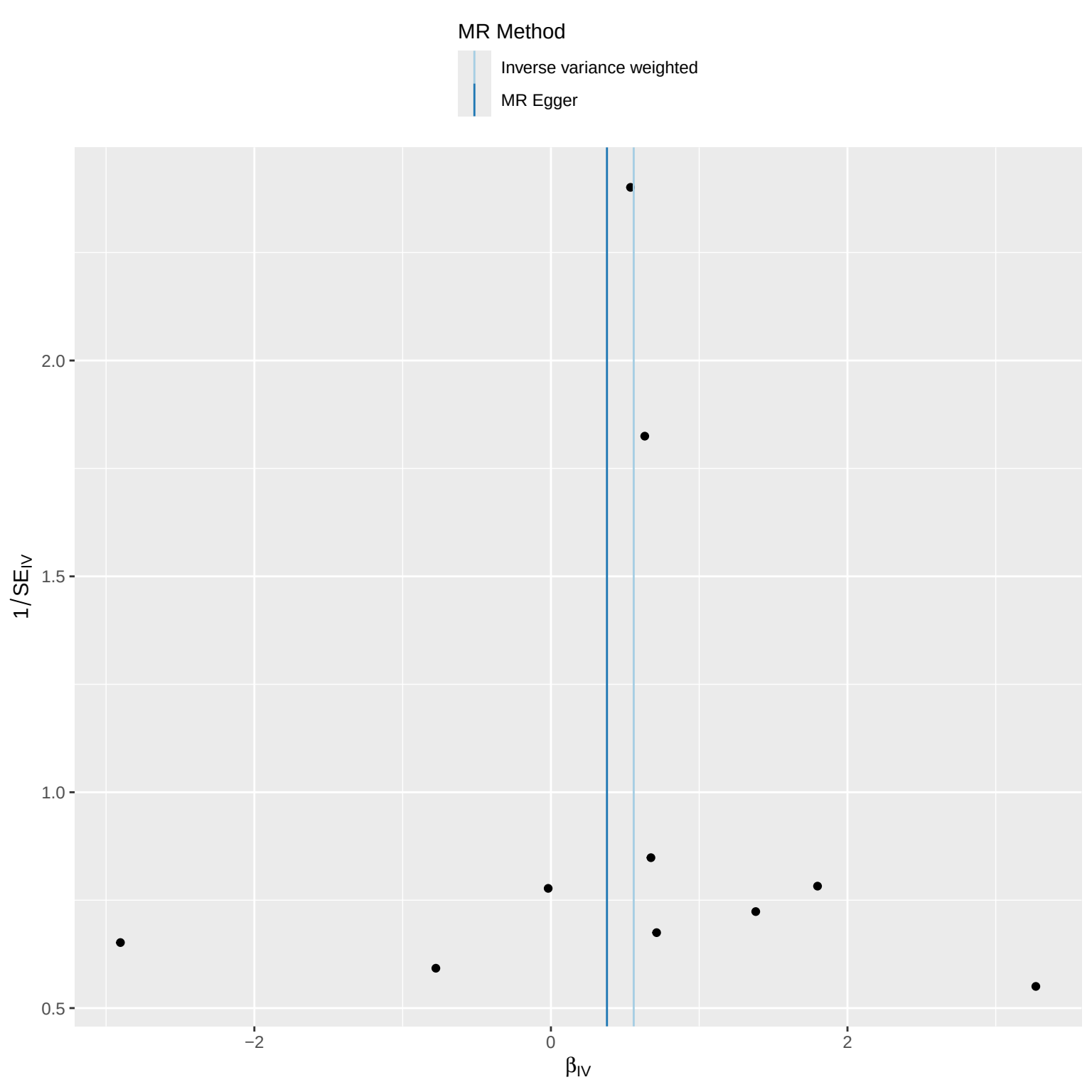

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

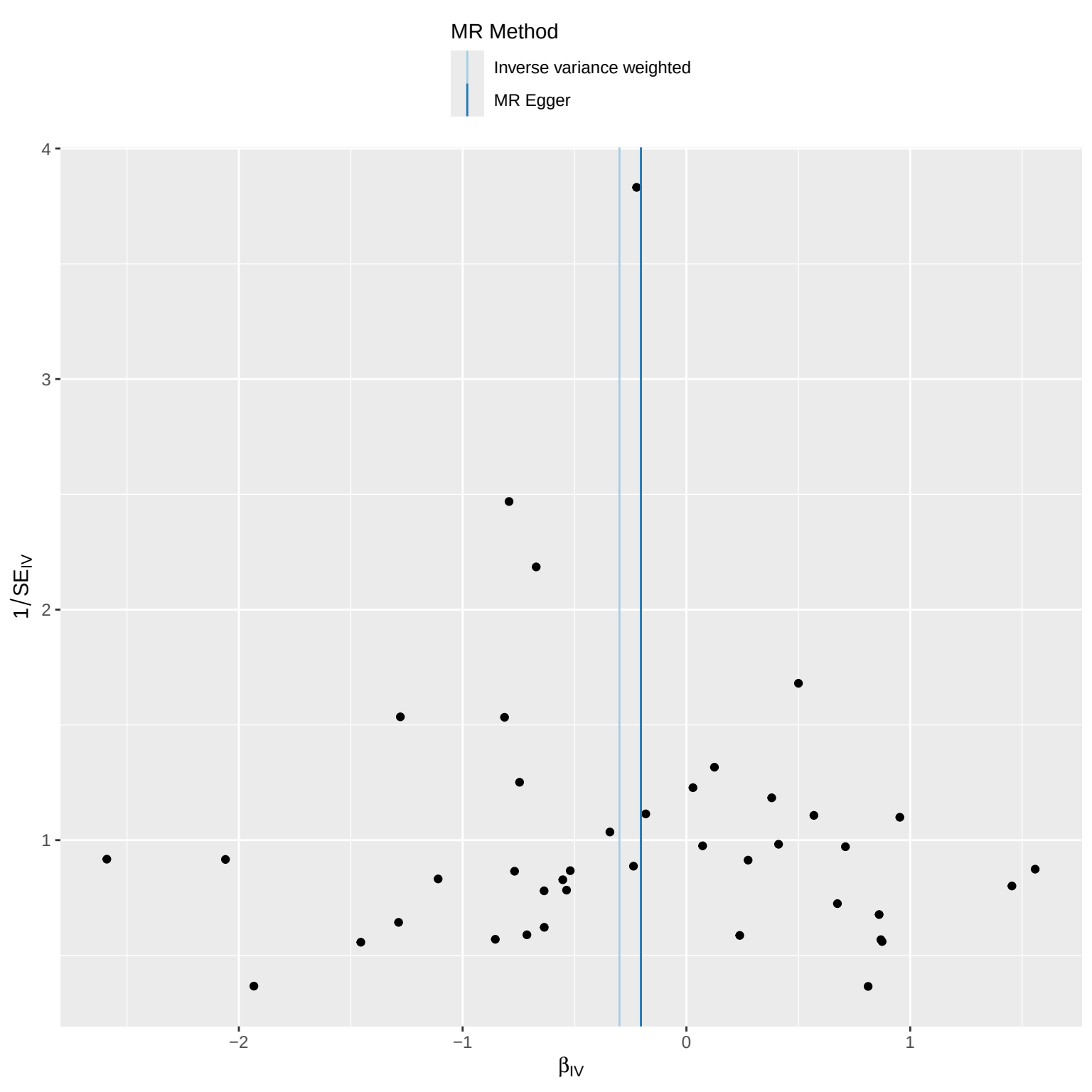

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1
0
1
β_IV

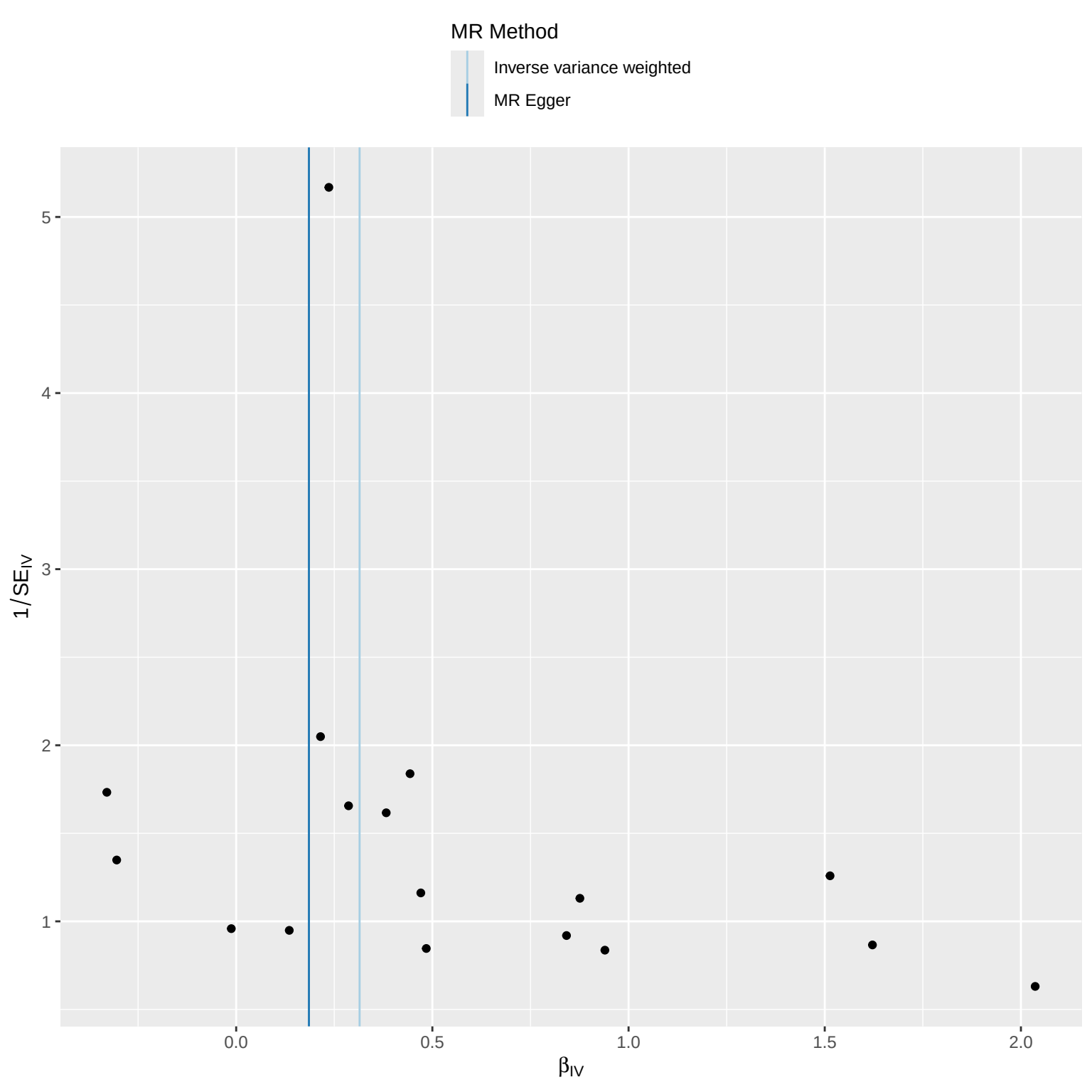

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV

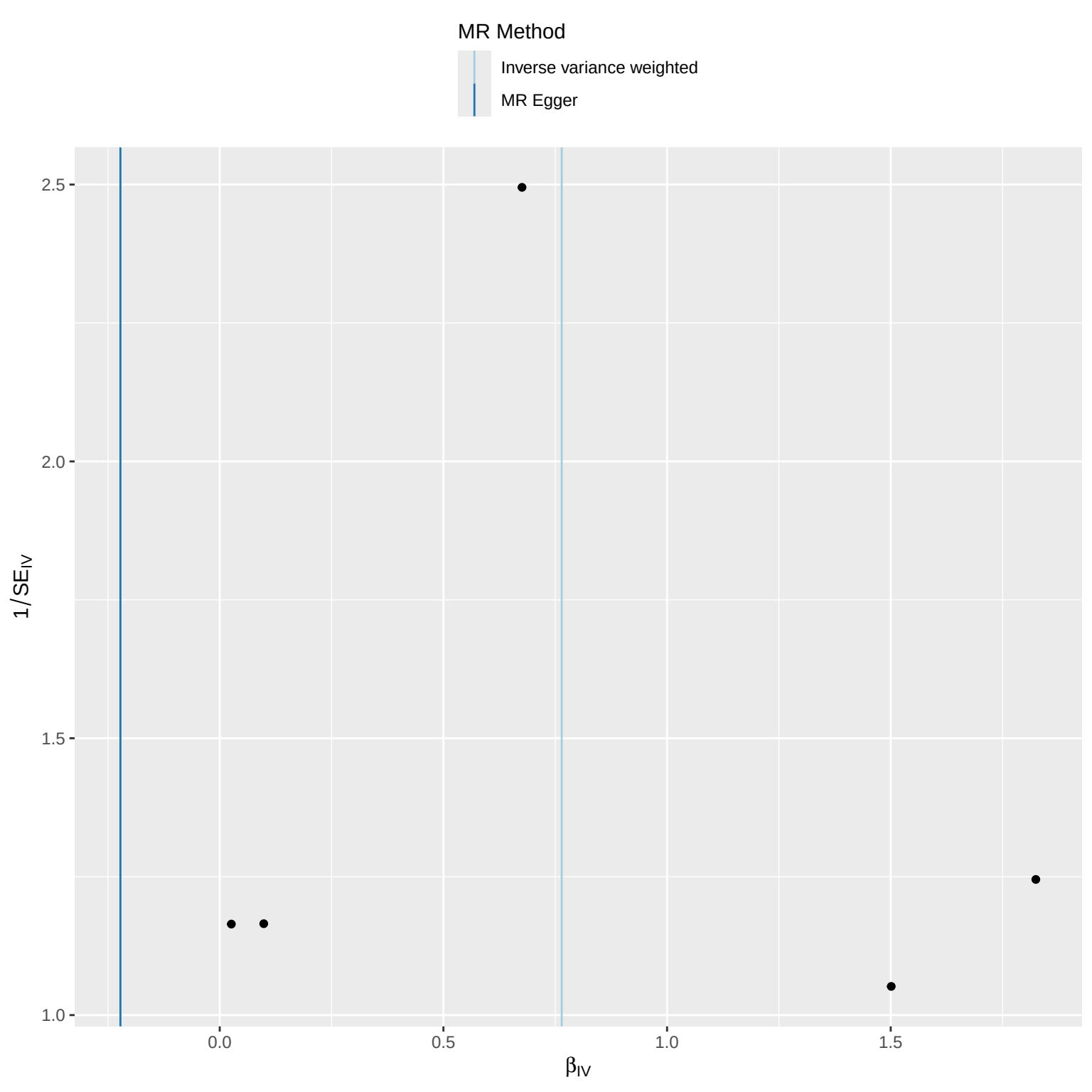

MR Method
Inverse variance weighted
MR Egger
16
12
8
4
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

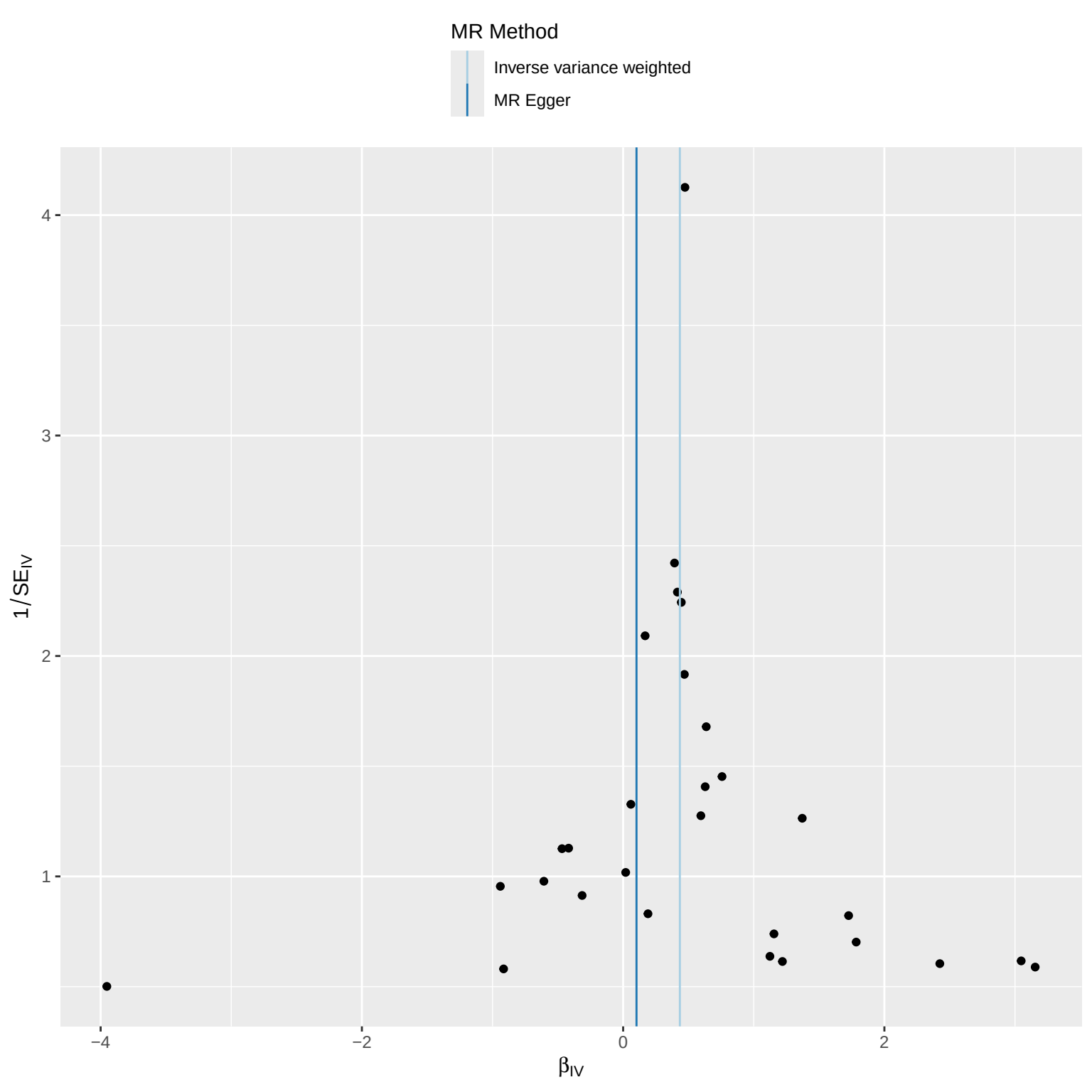

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

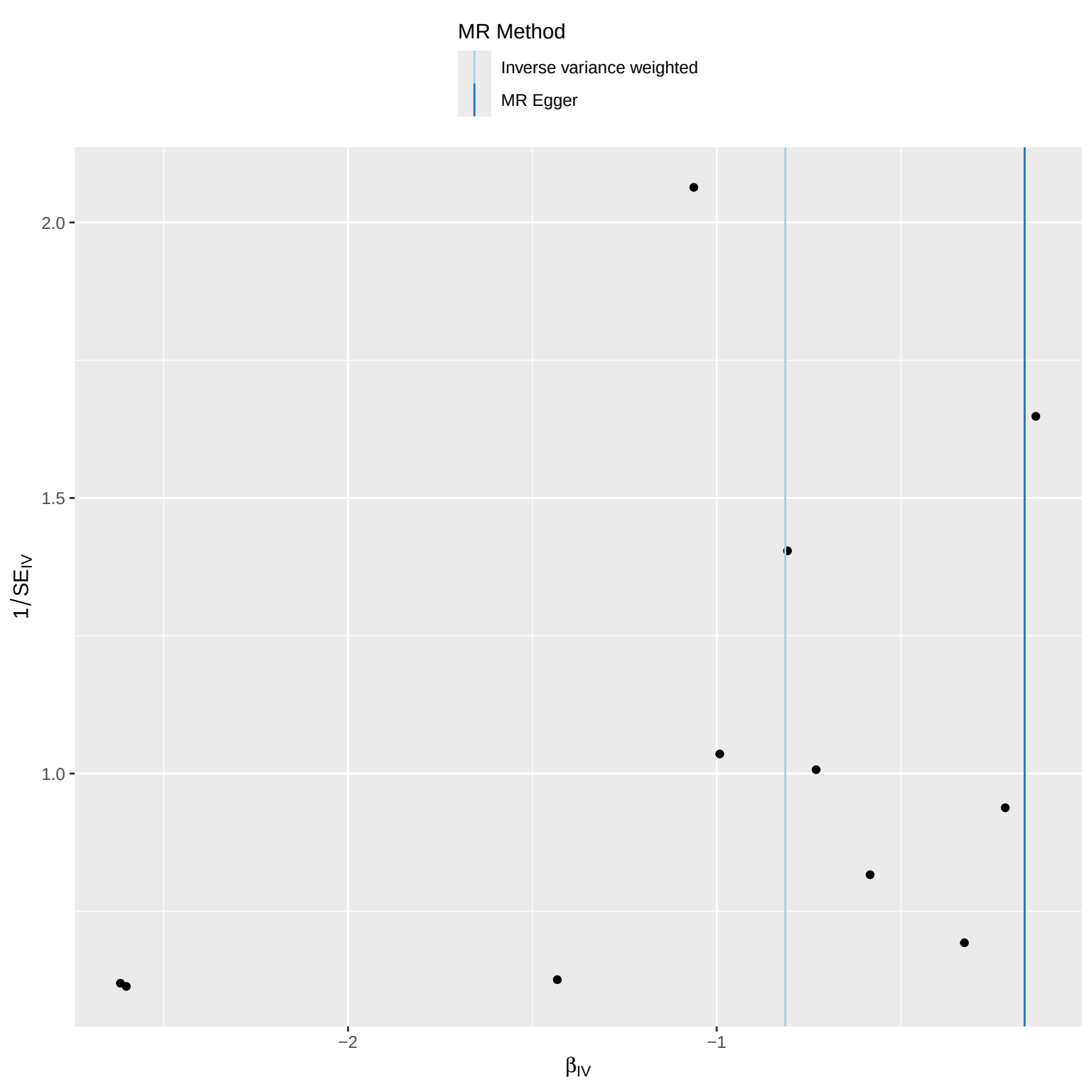

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

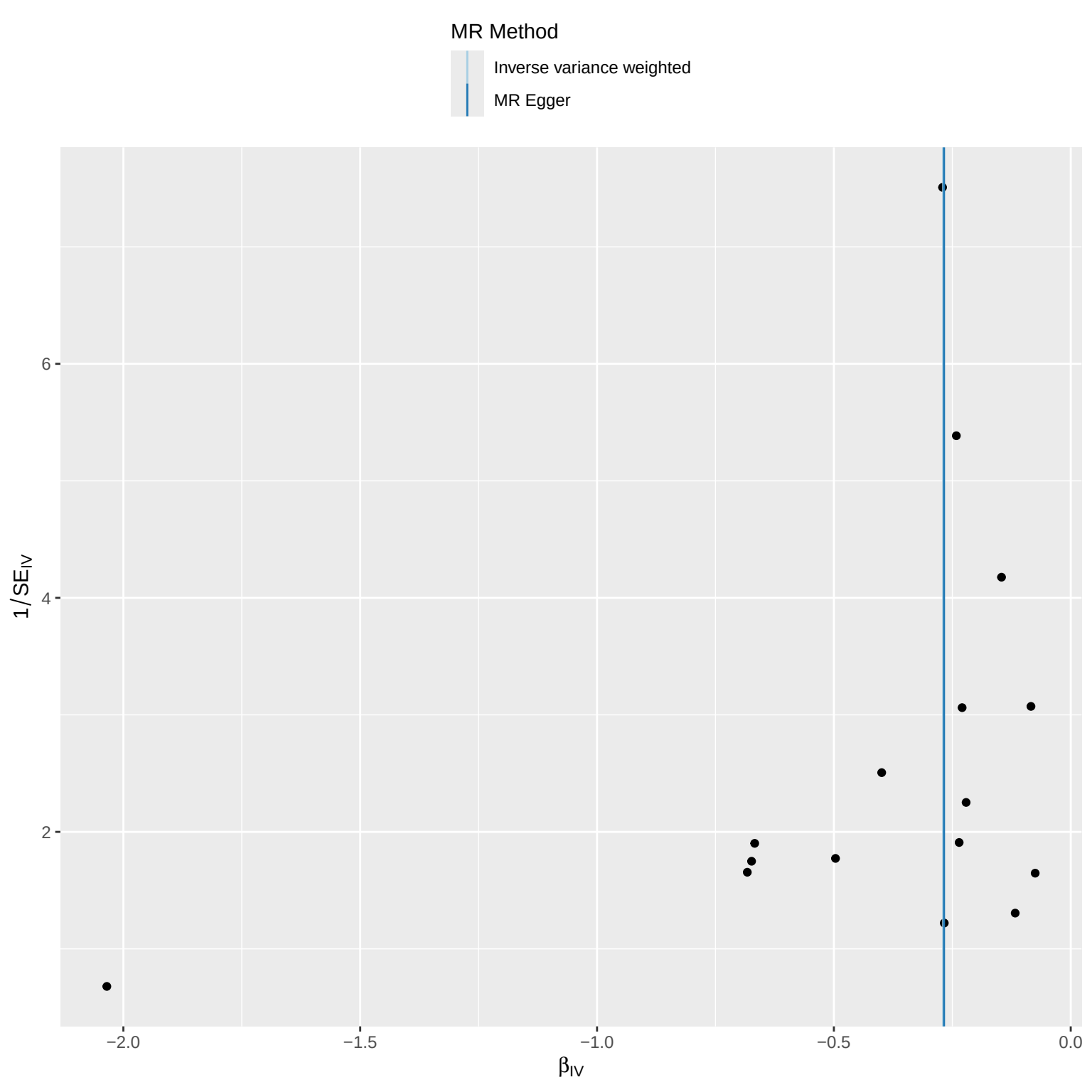

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

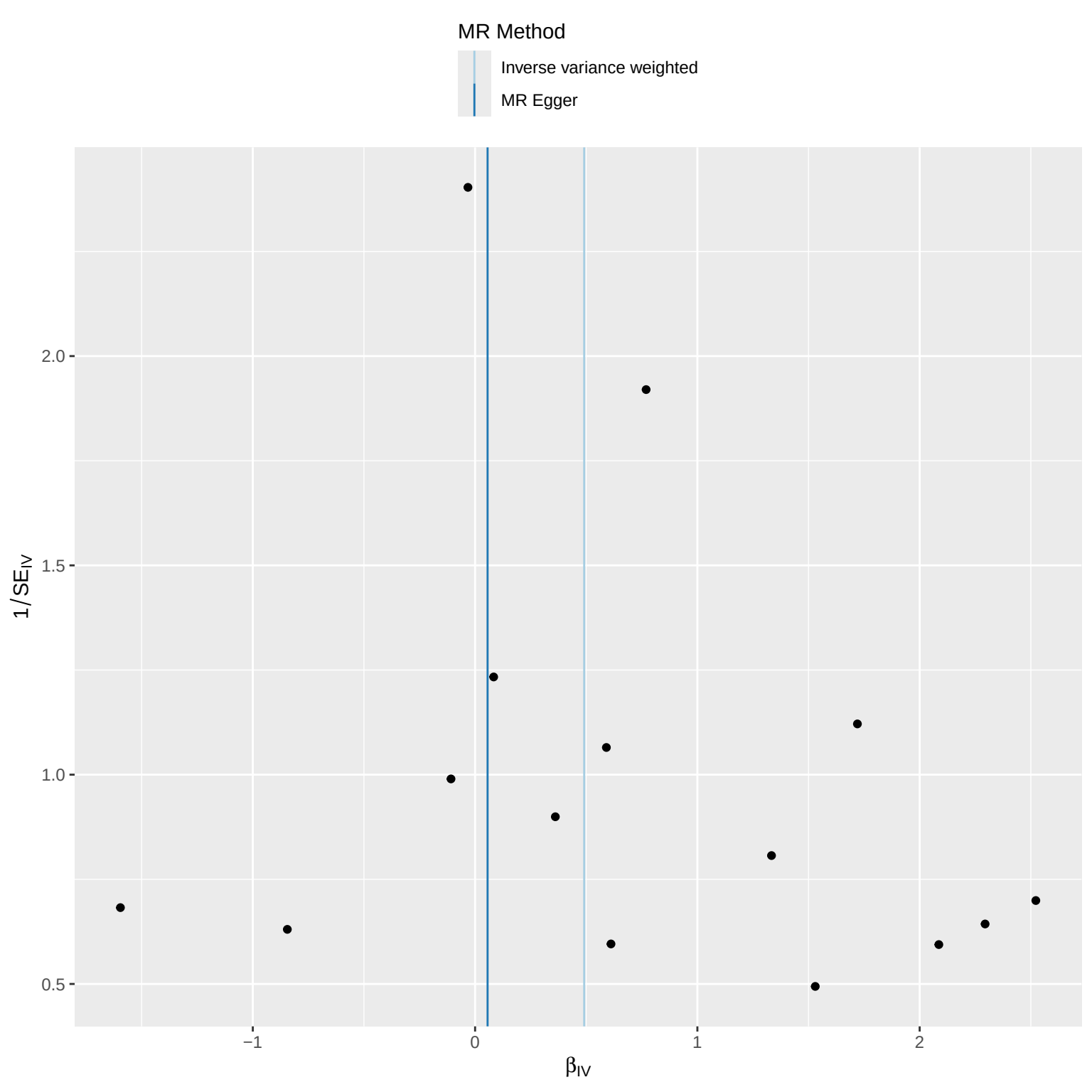

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

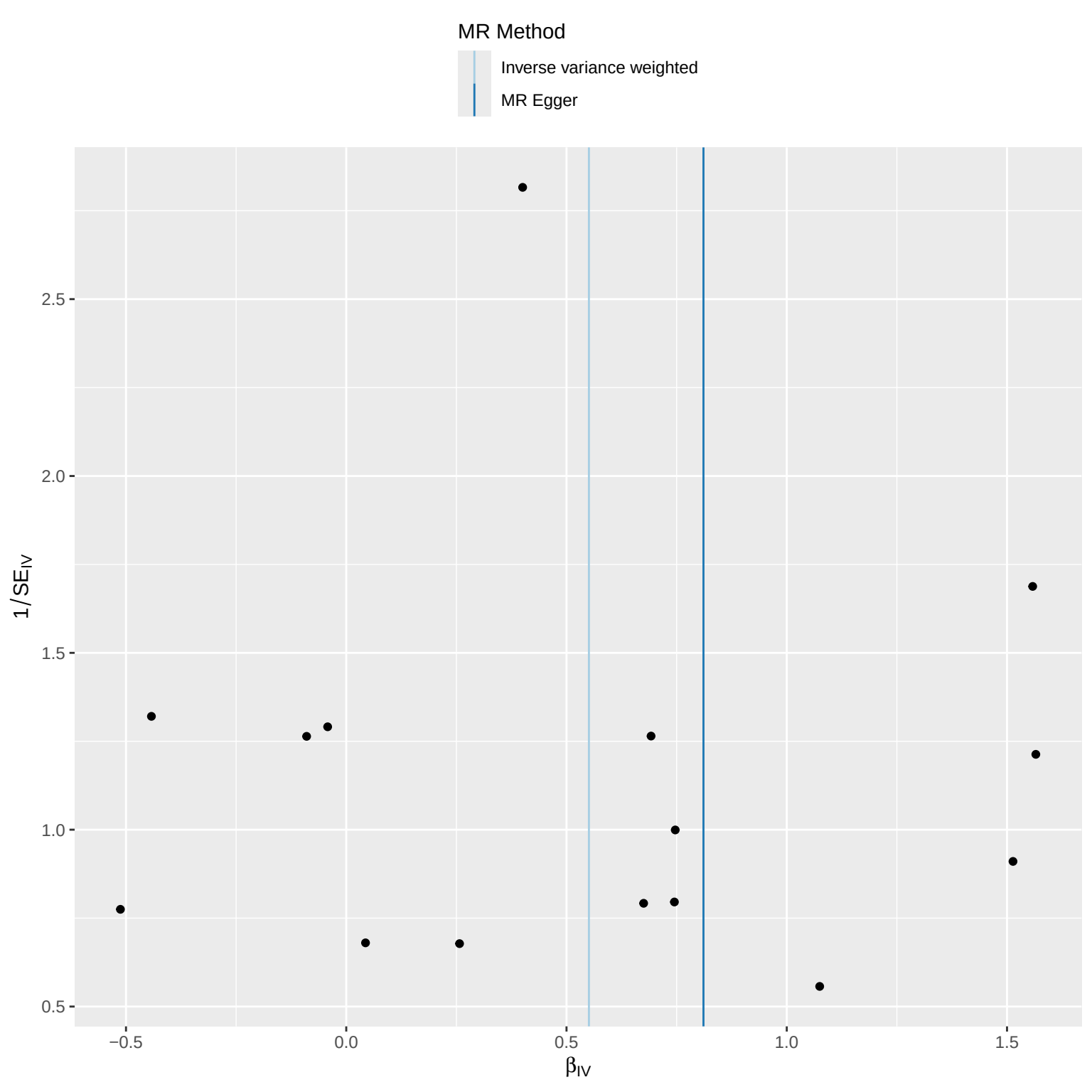

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

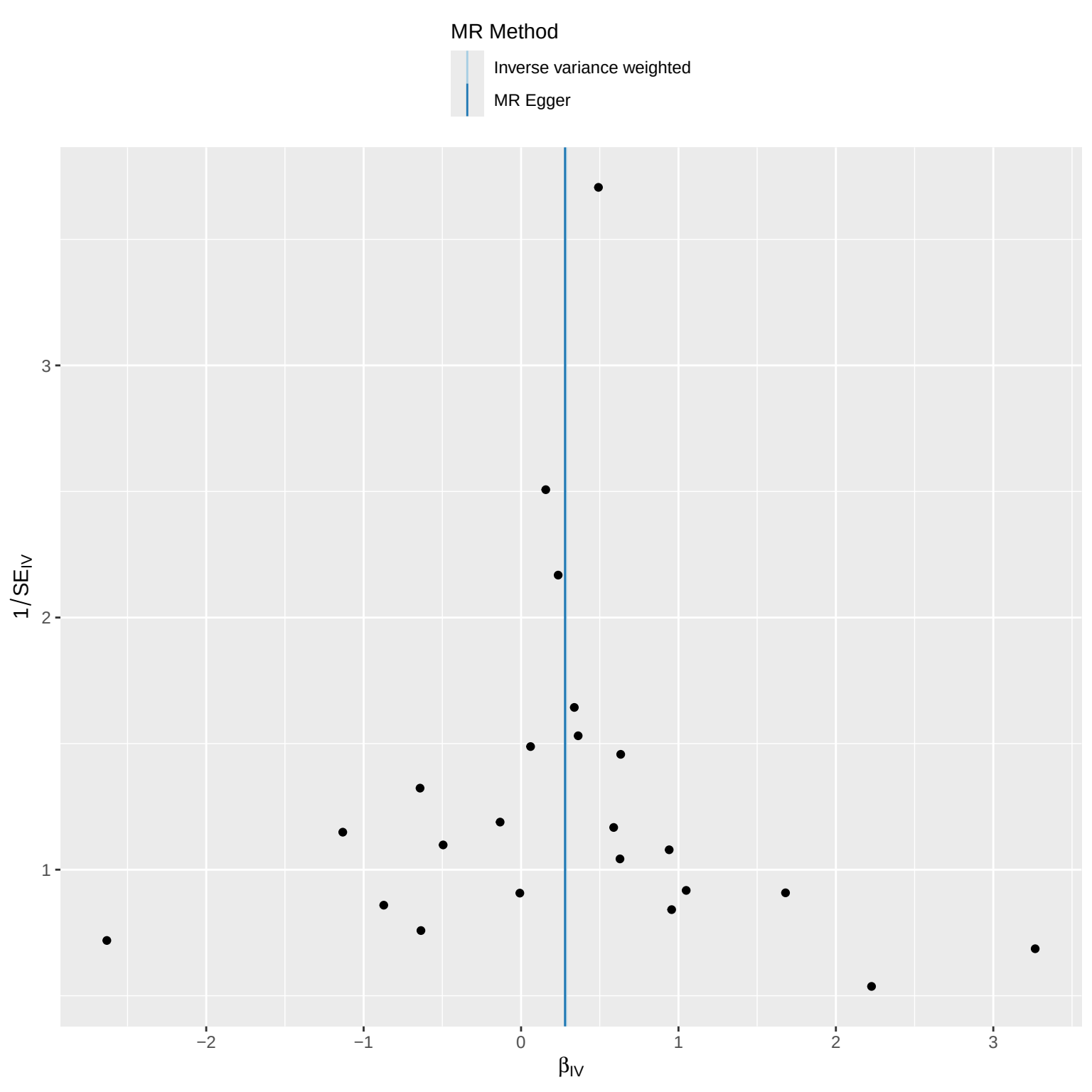

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

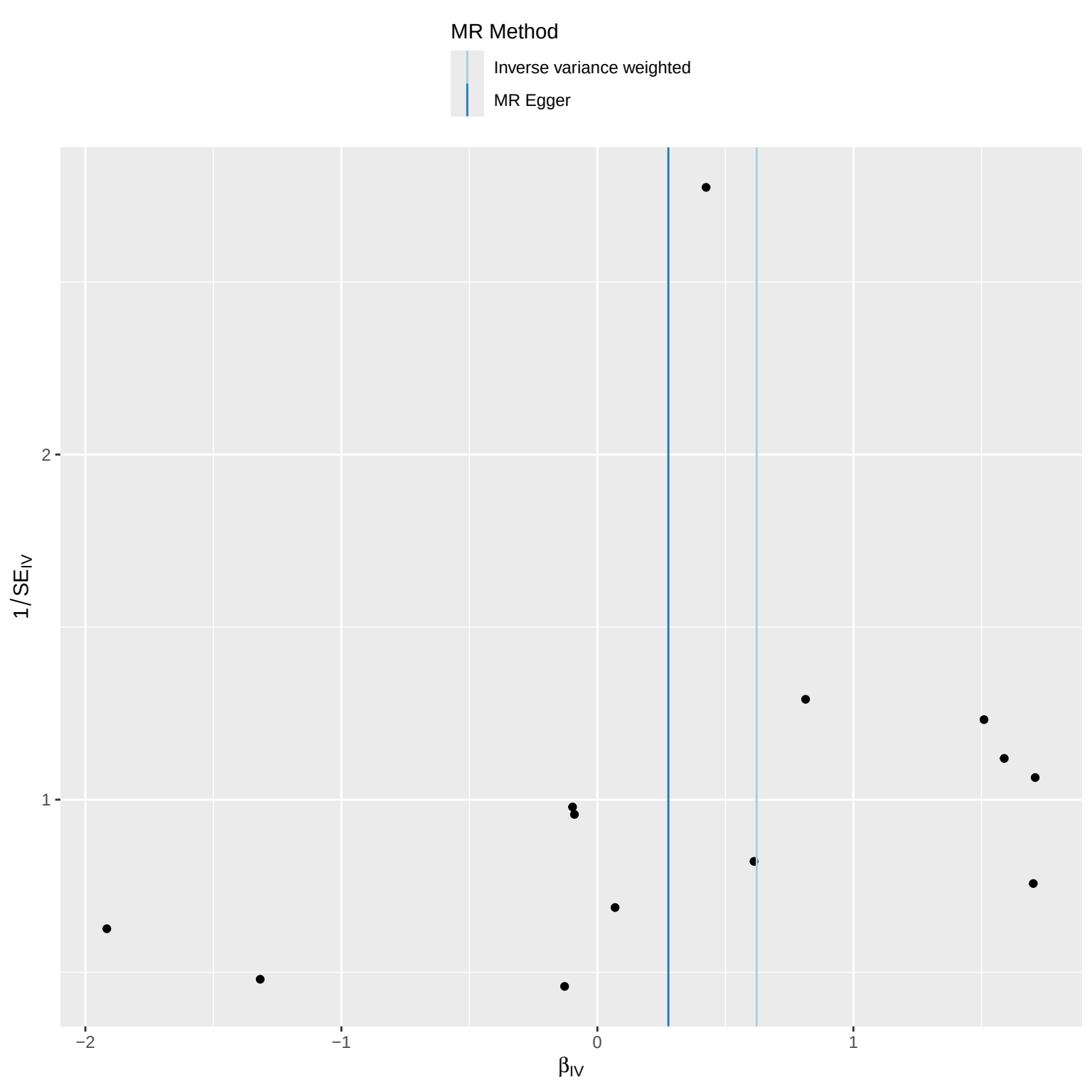

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
−1
β_IV

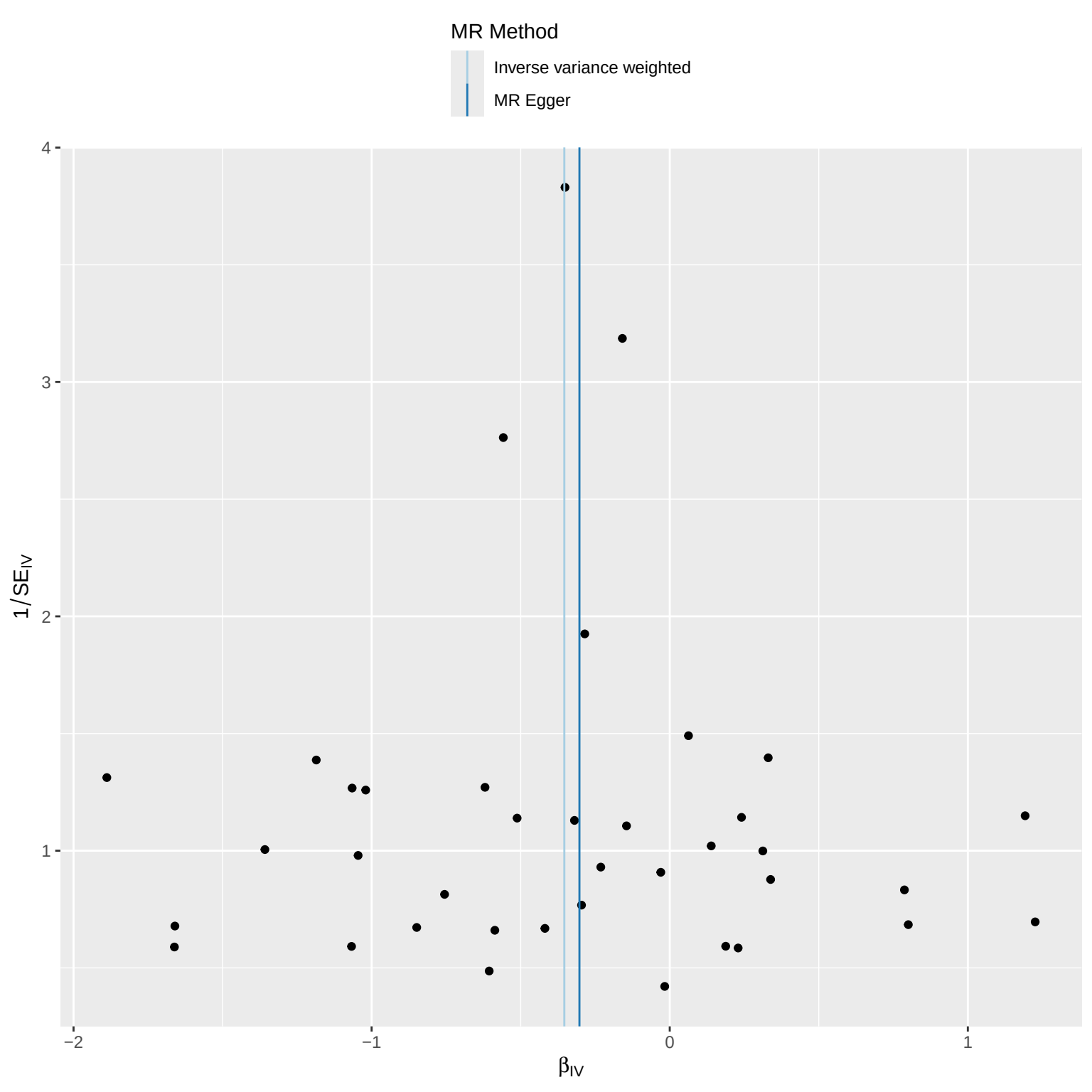

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

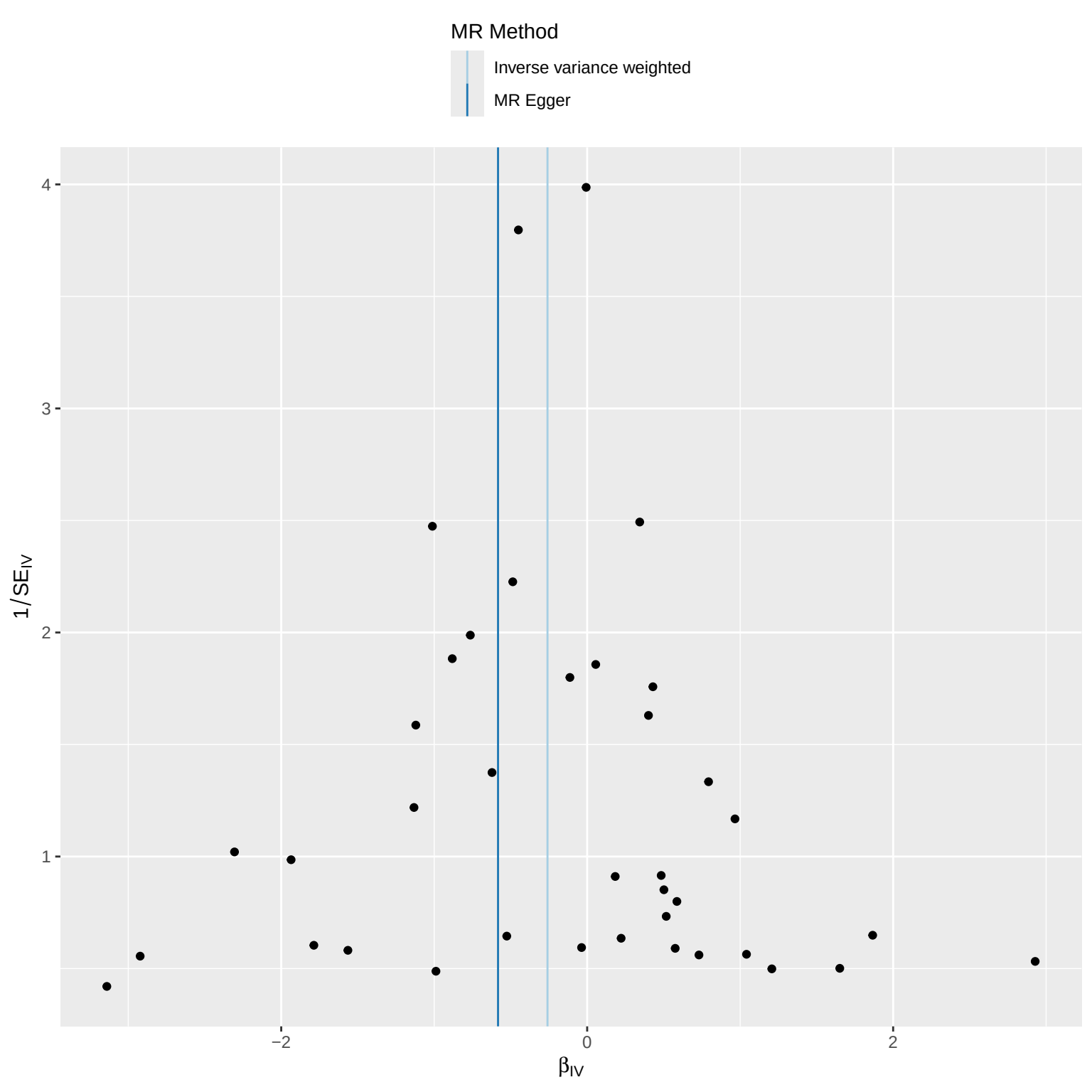

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

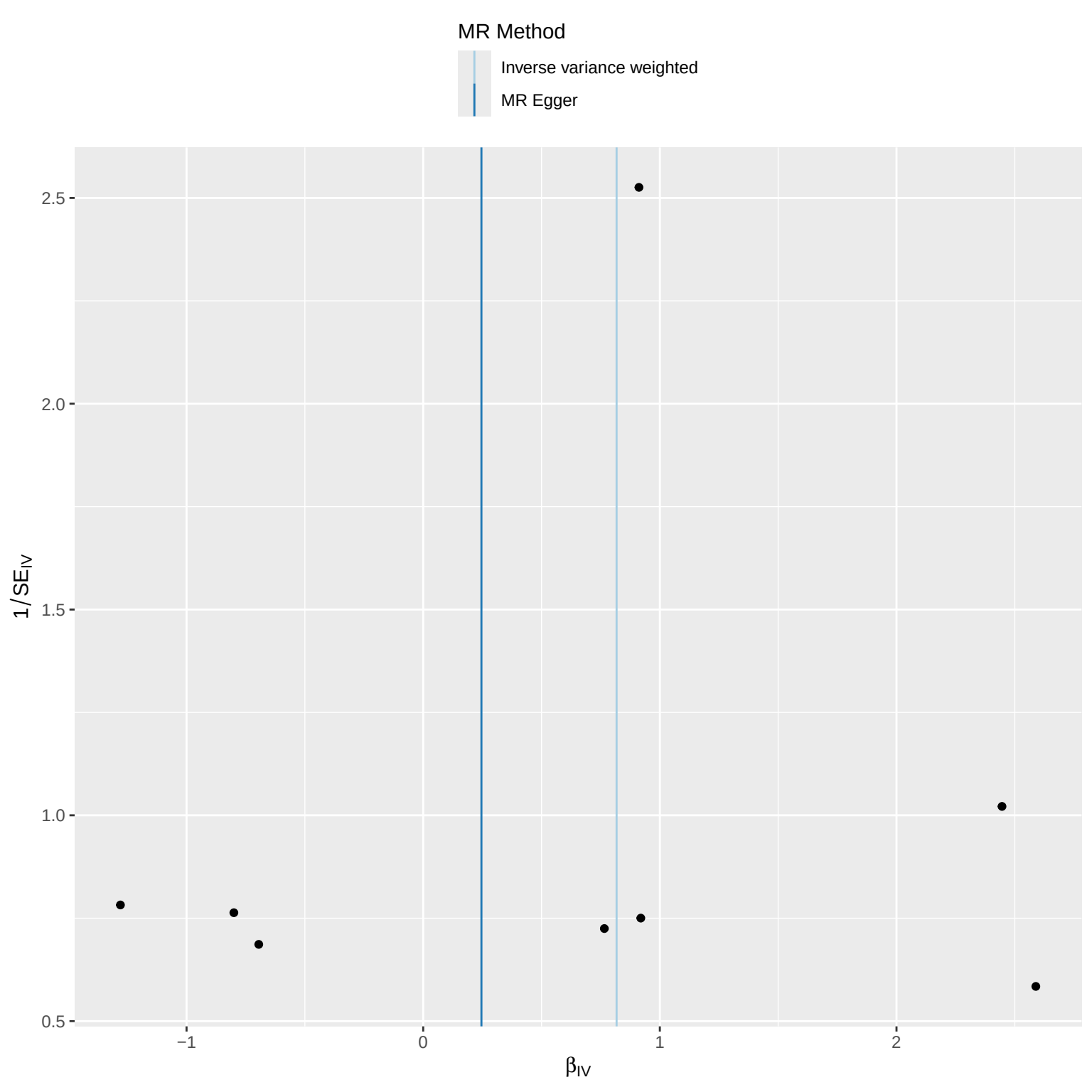

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

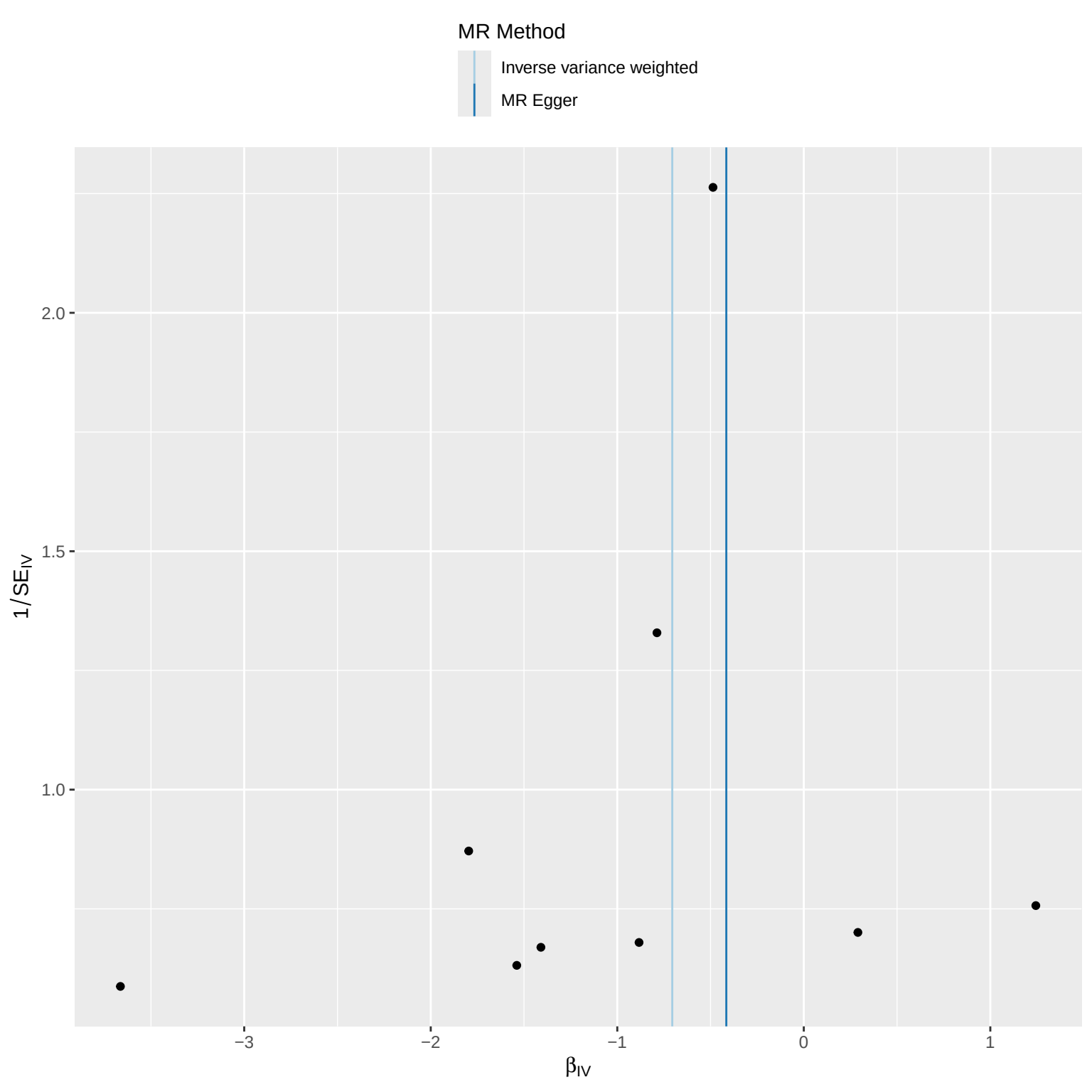

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

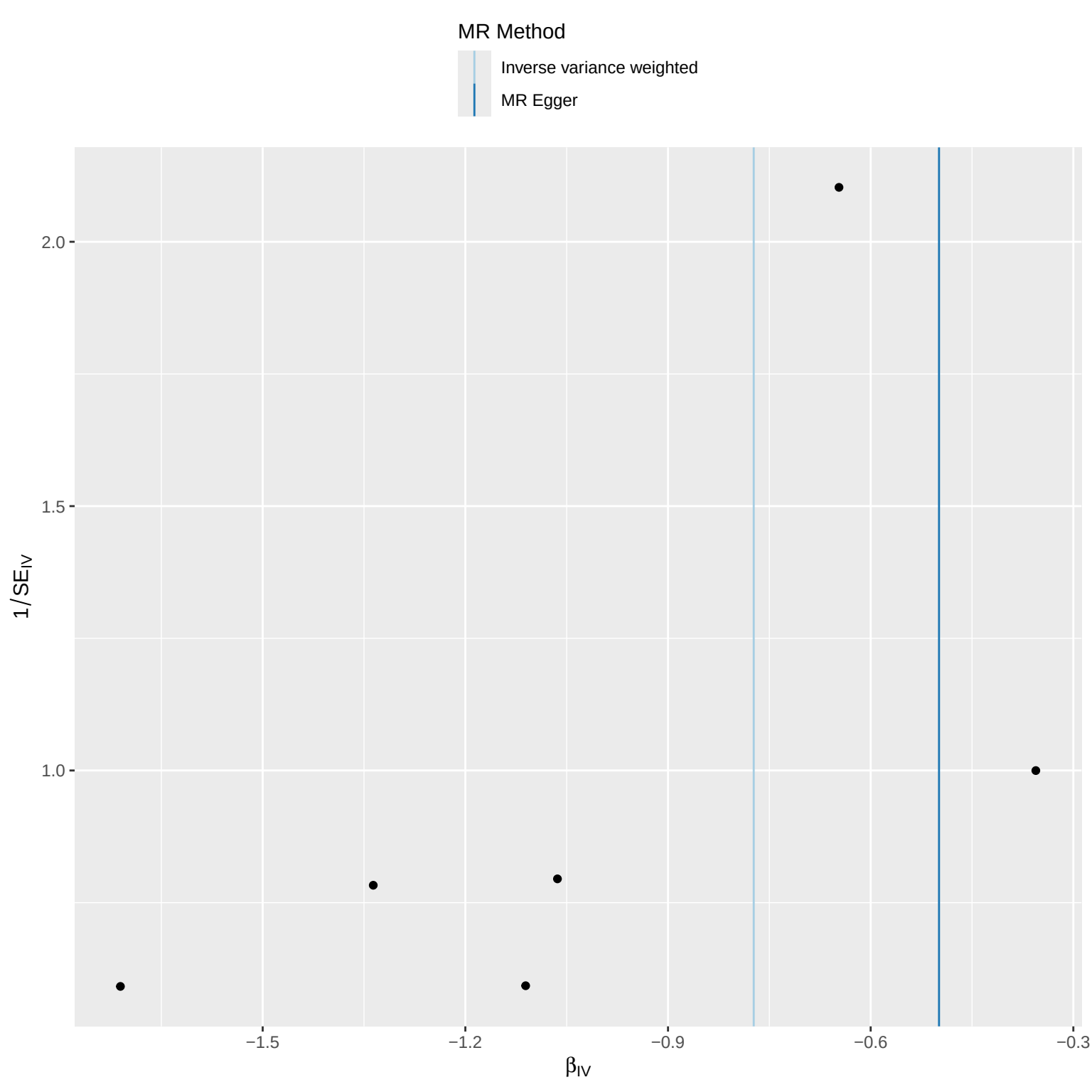

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

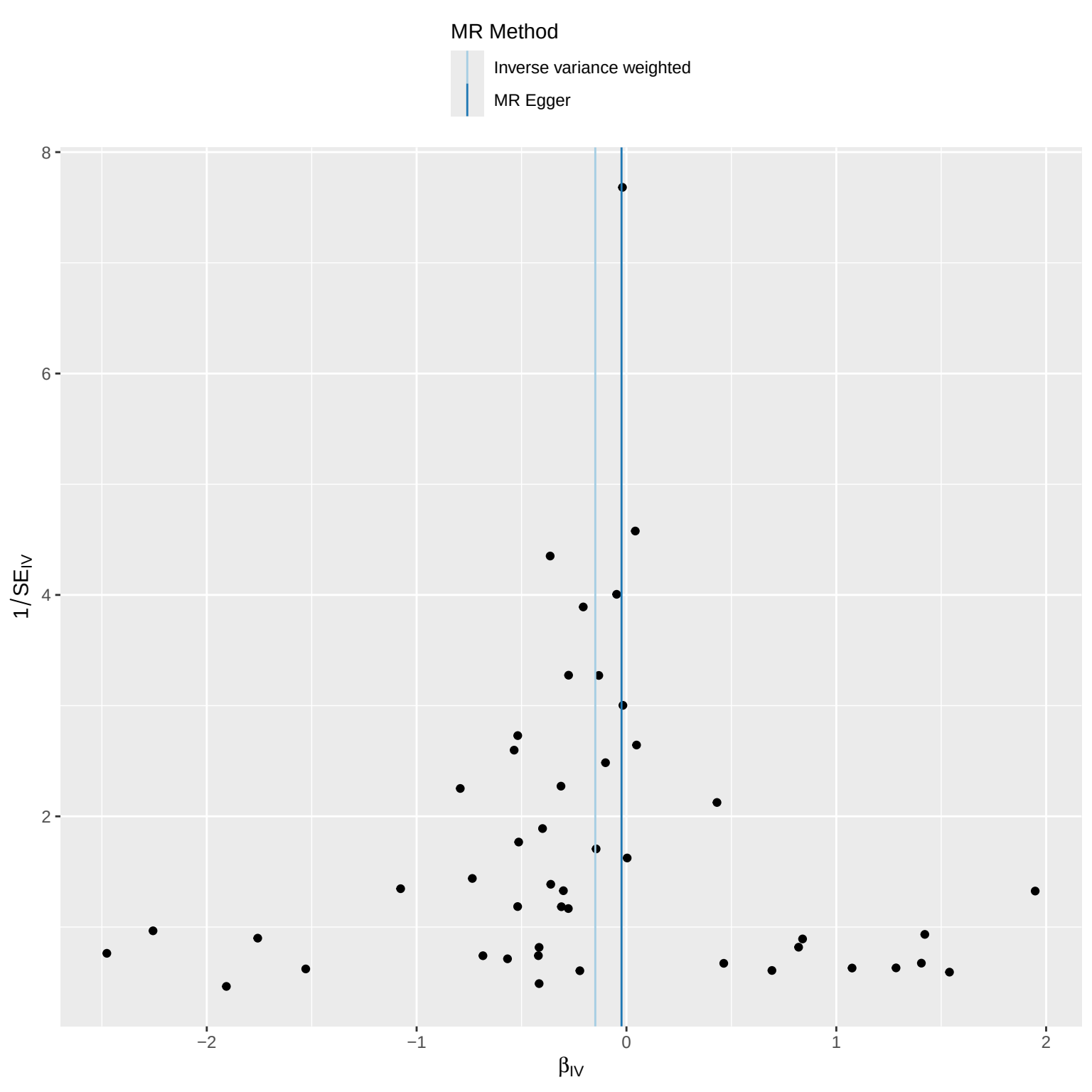

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

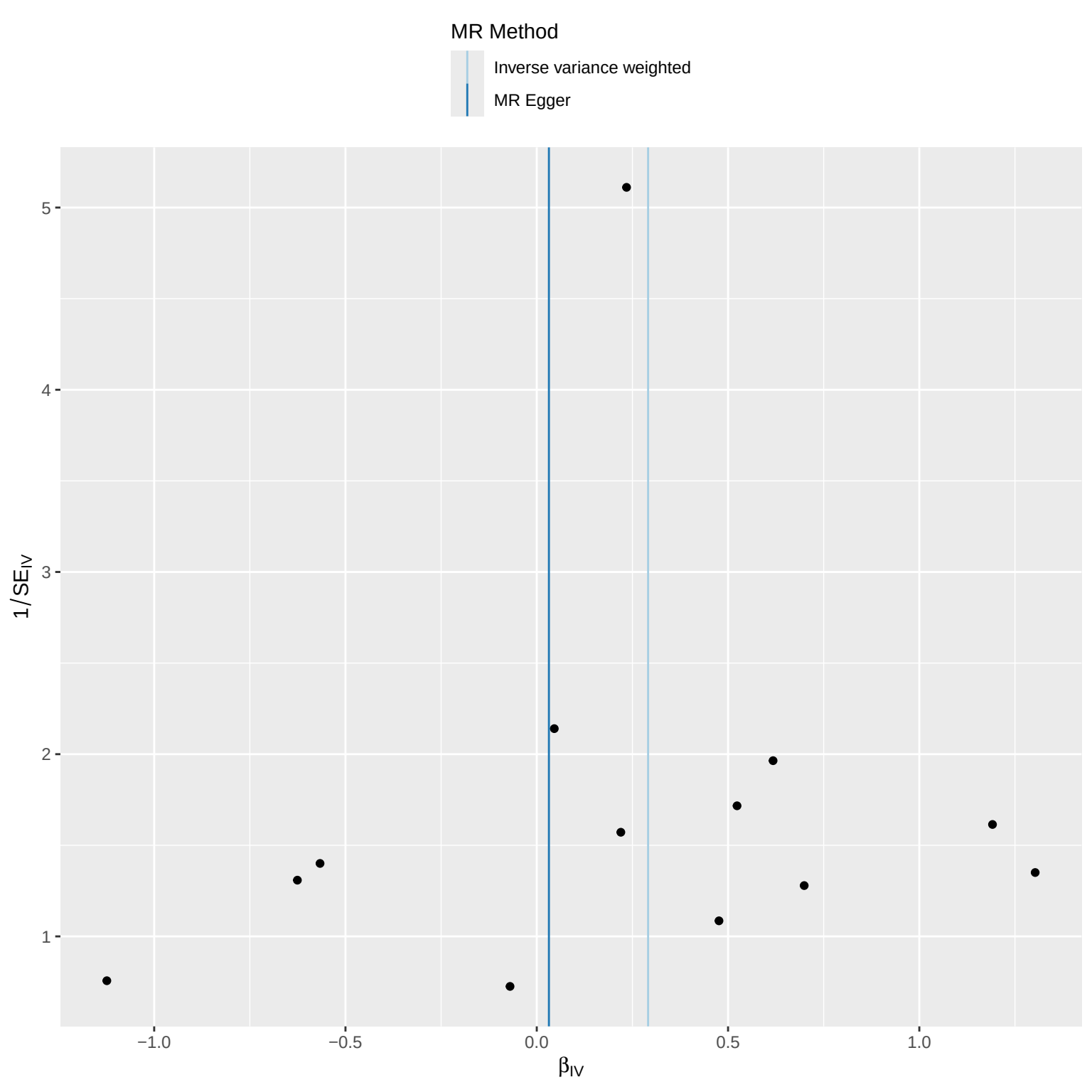

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

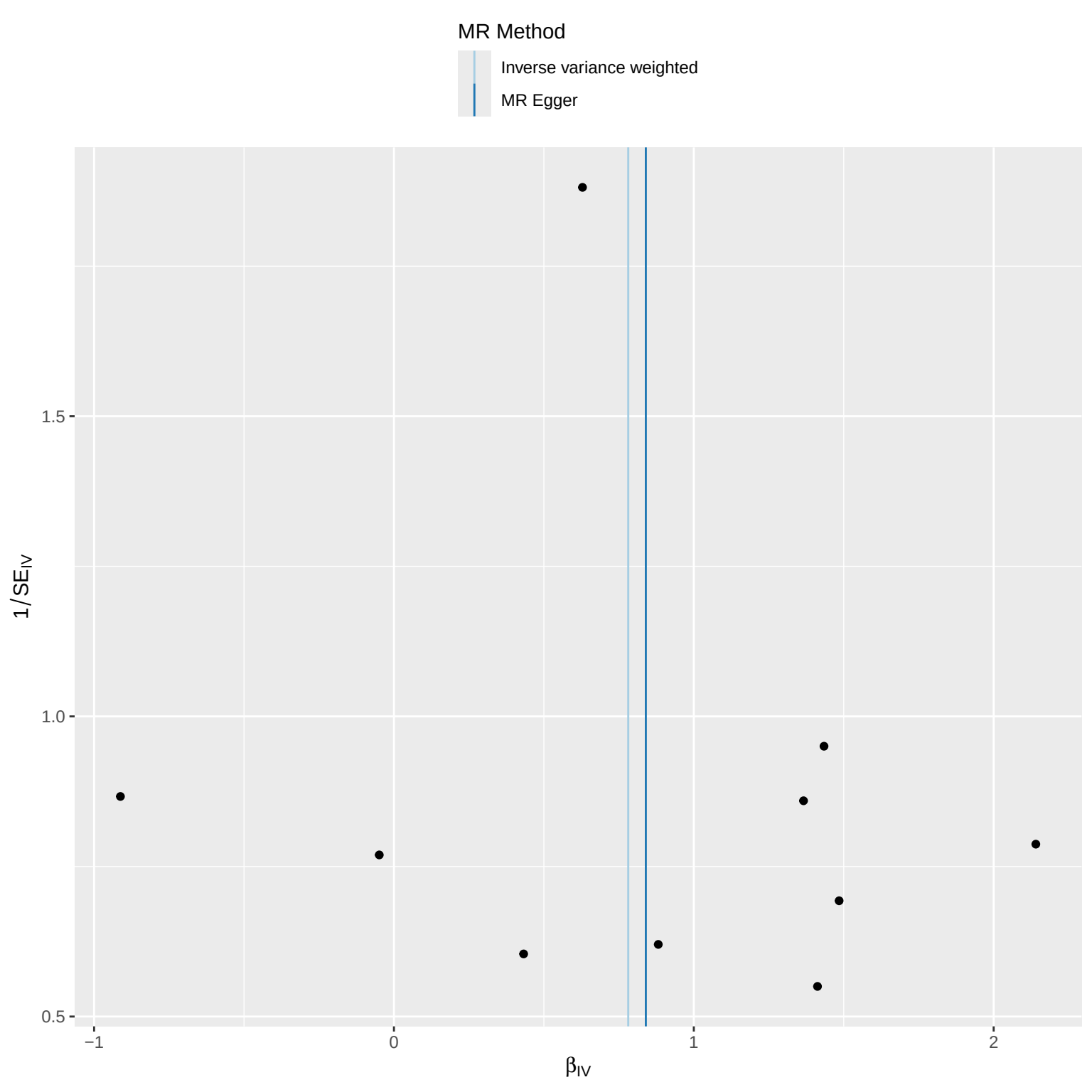

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

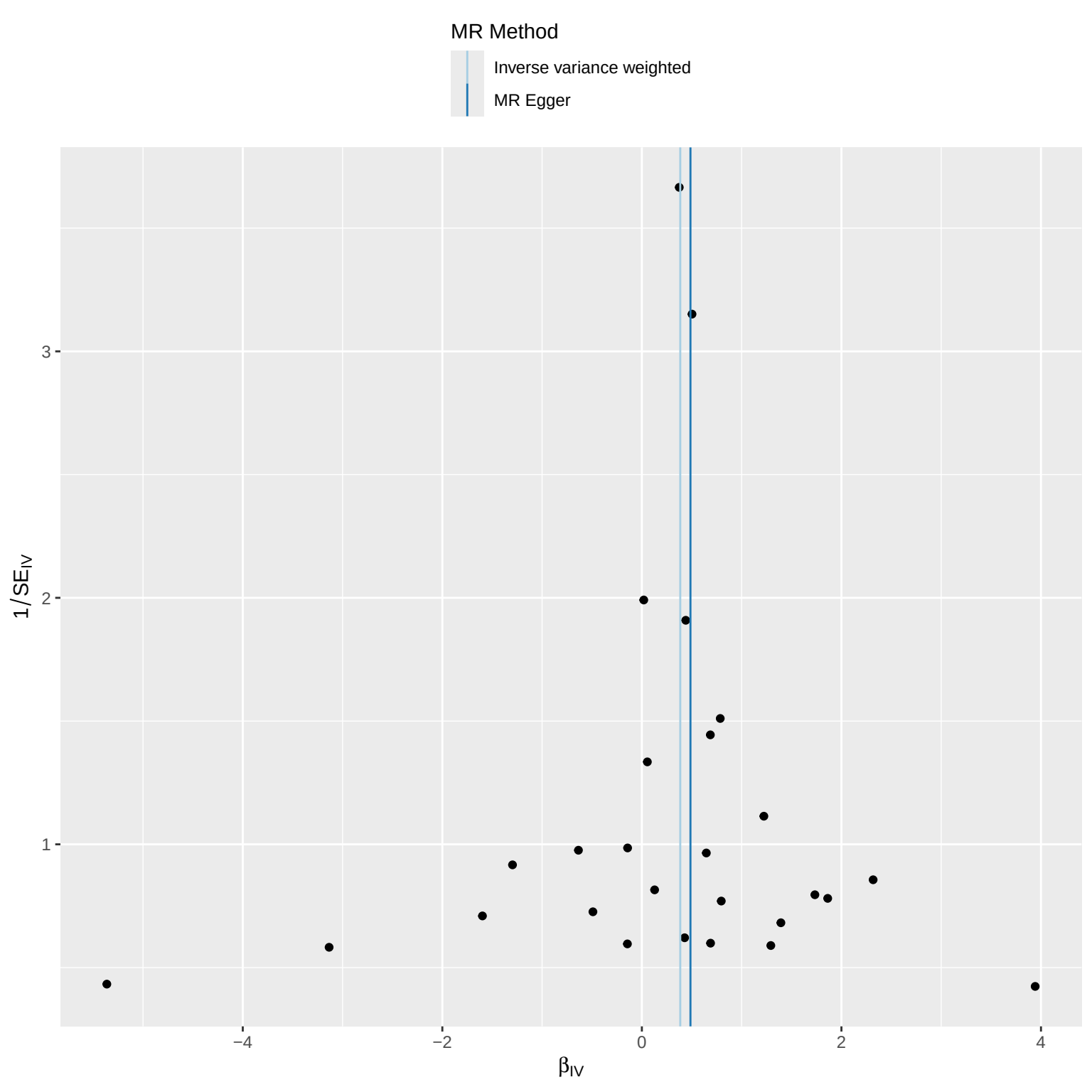

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
β_IV

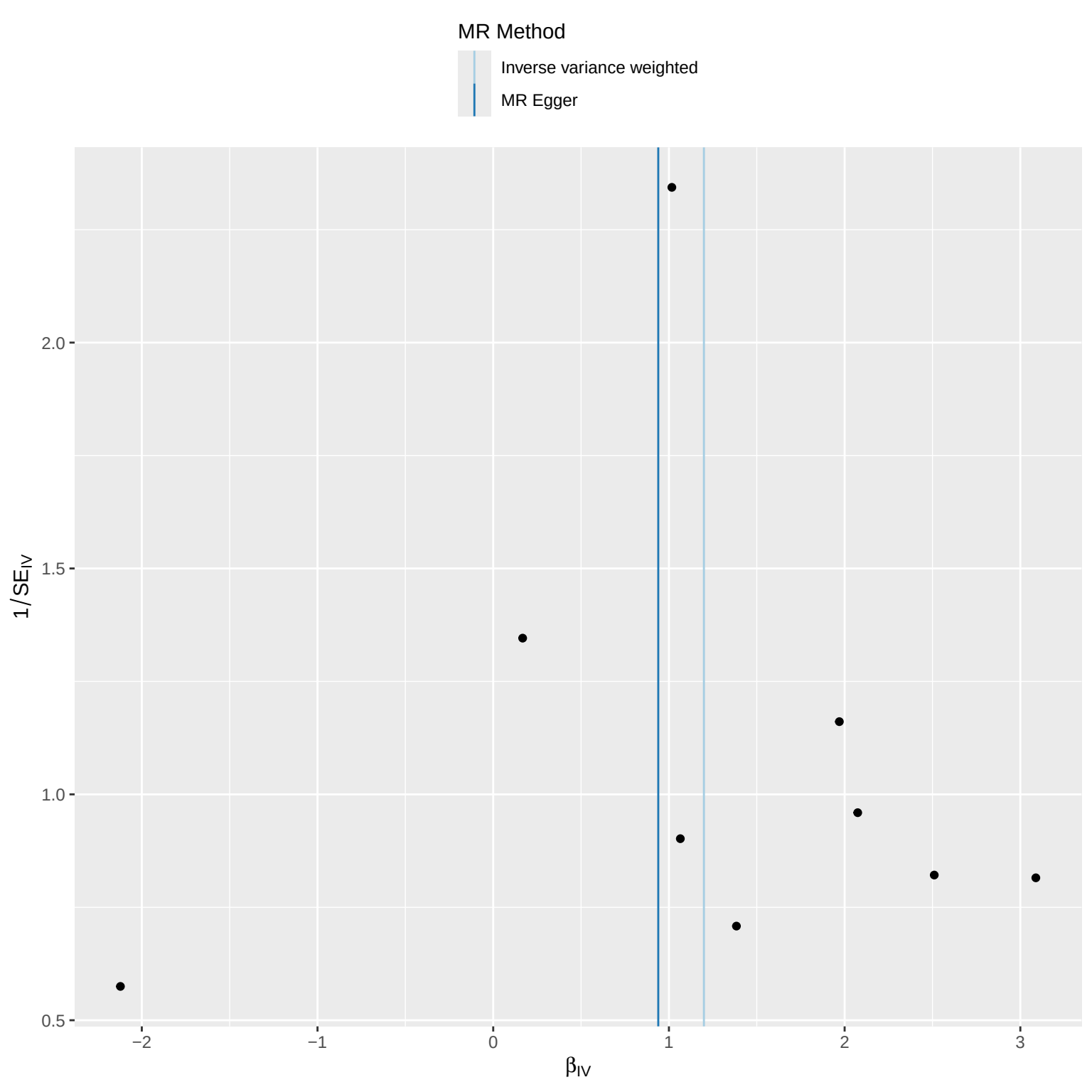

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.5
−1.2
−0.9
−0.6
−0.3
β_IV

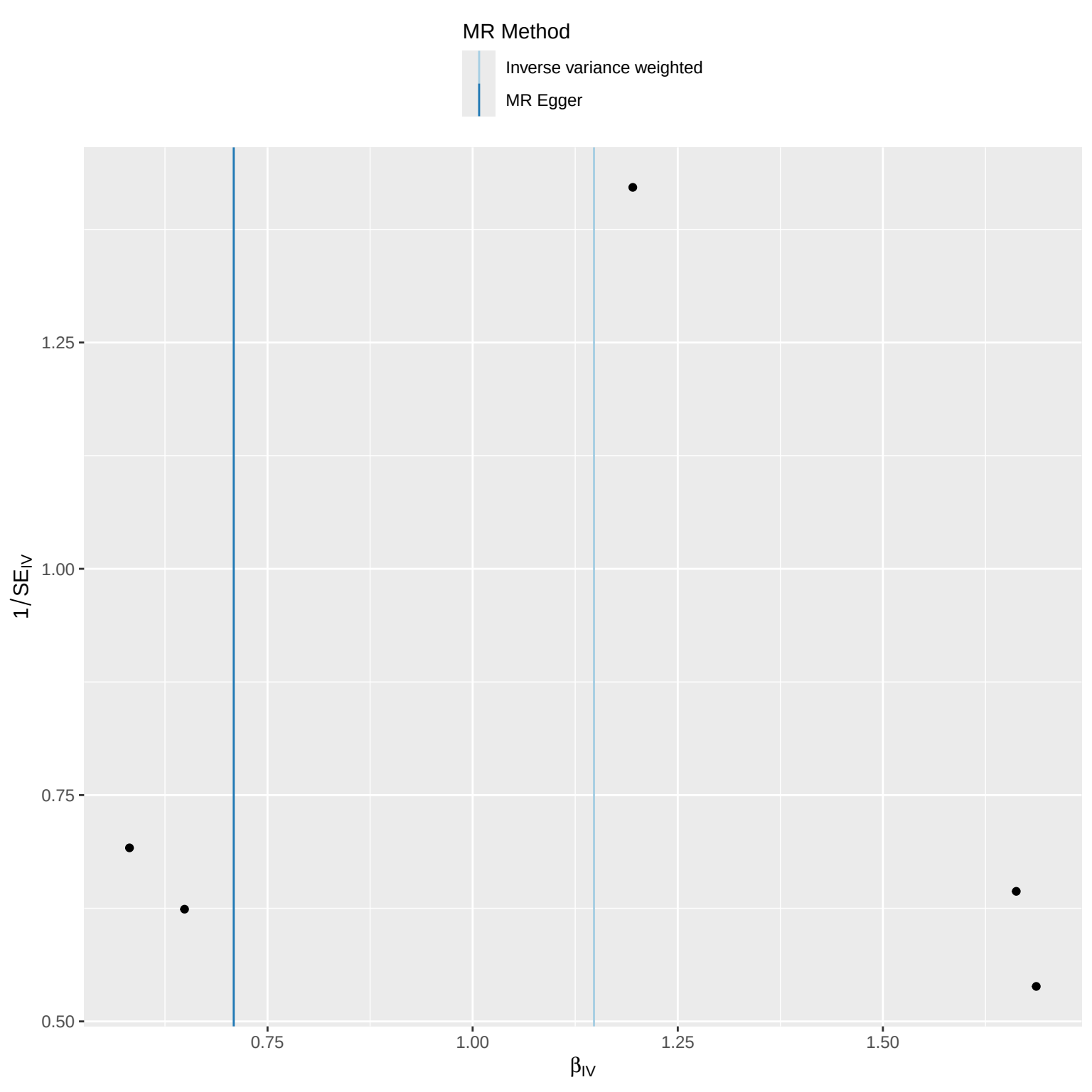

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

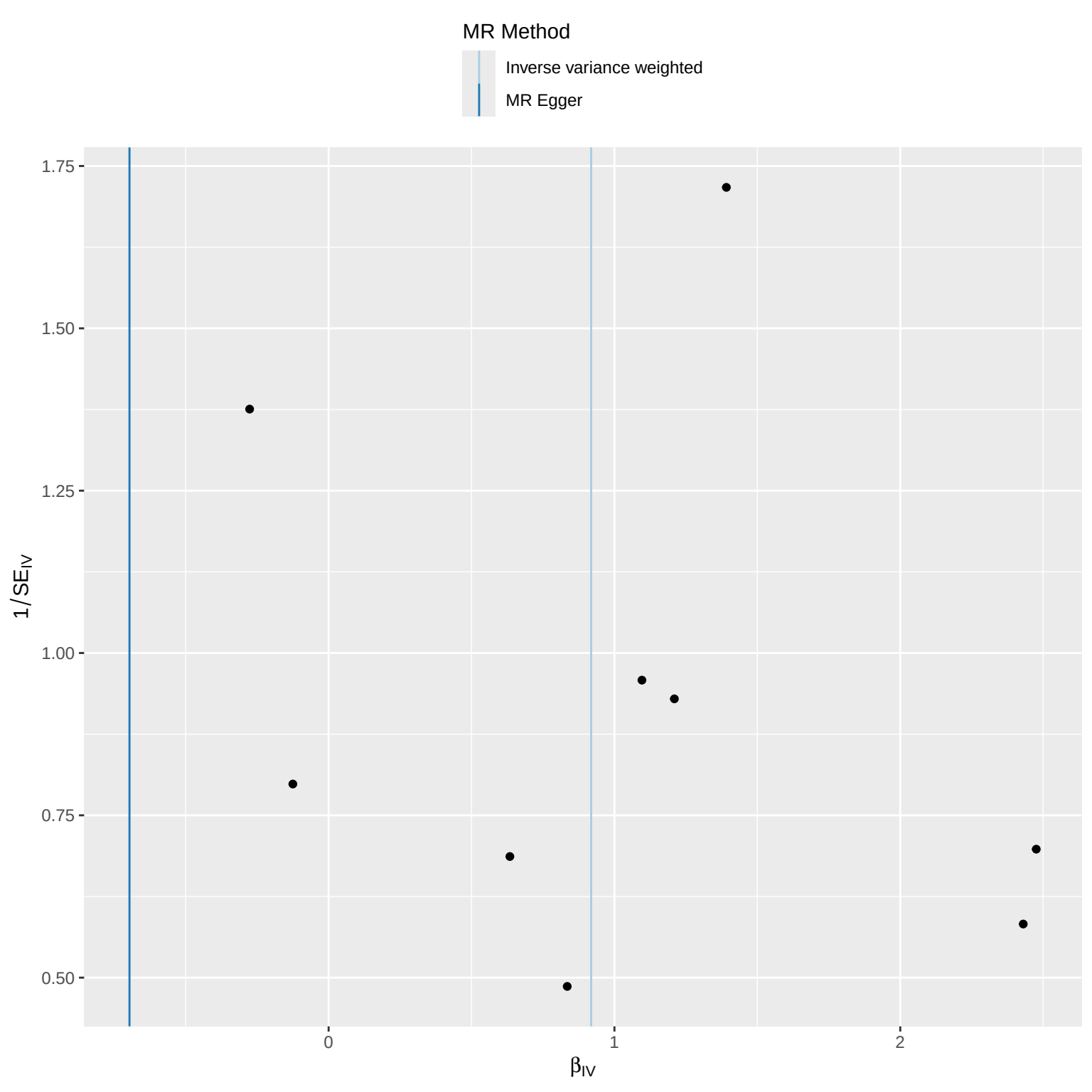

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

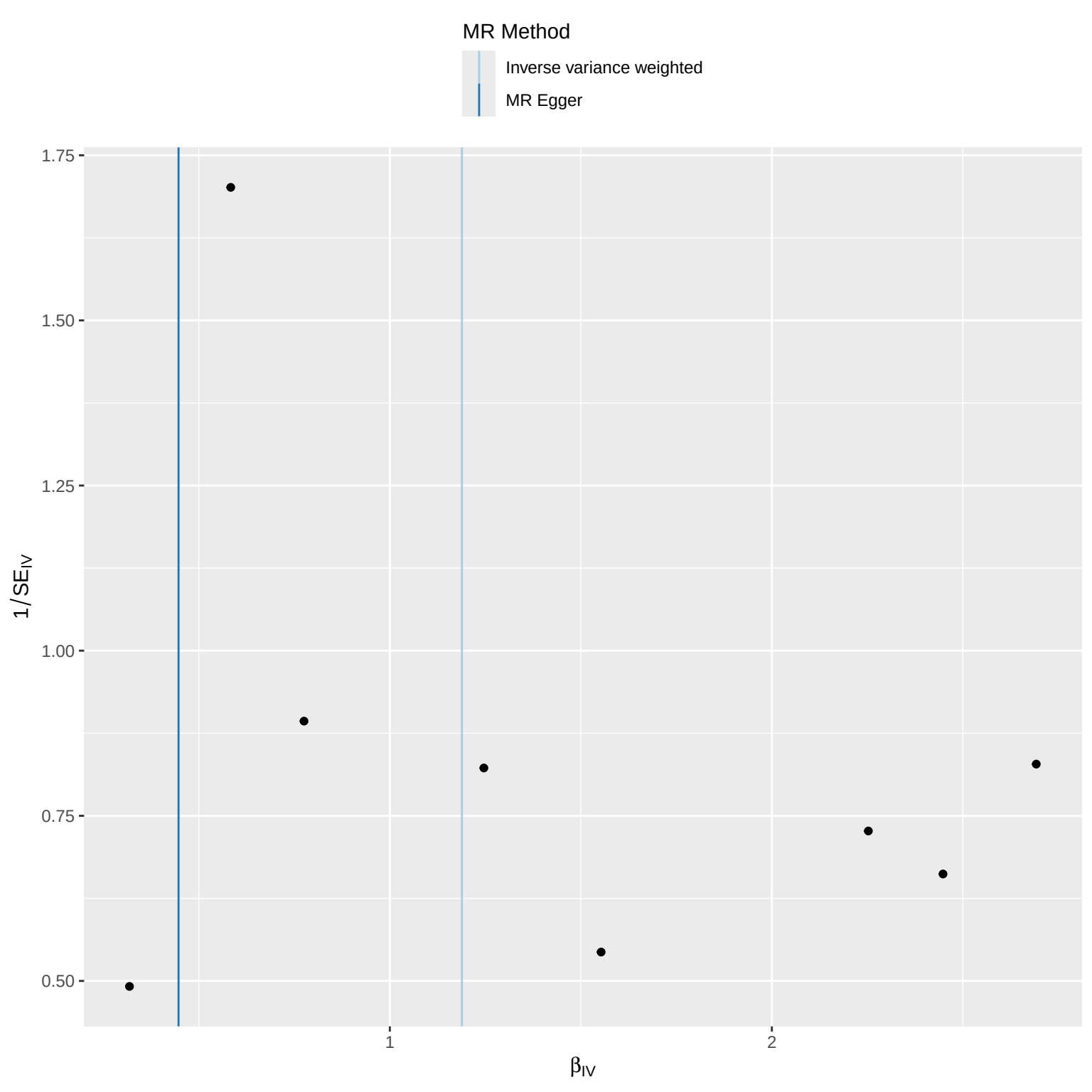

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

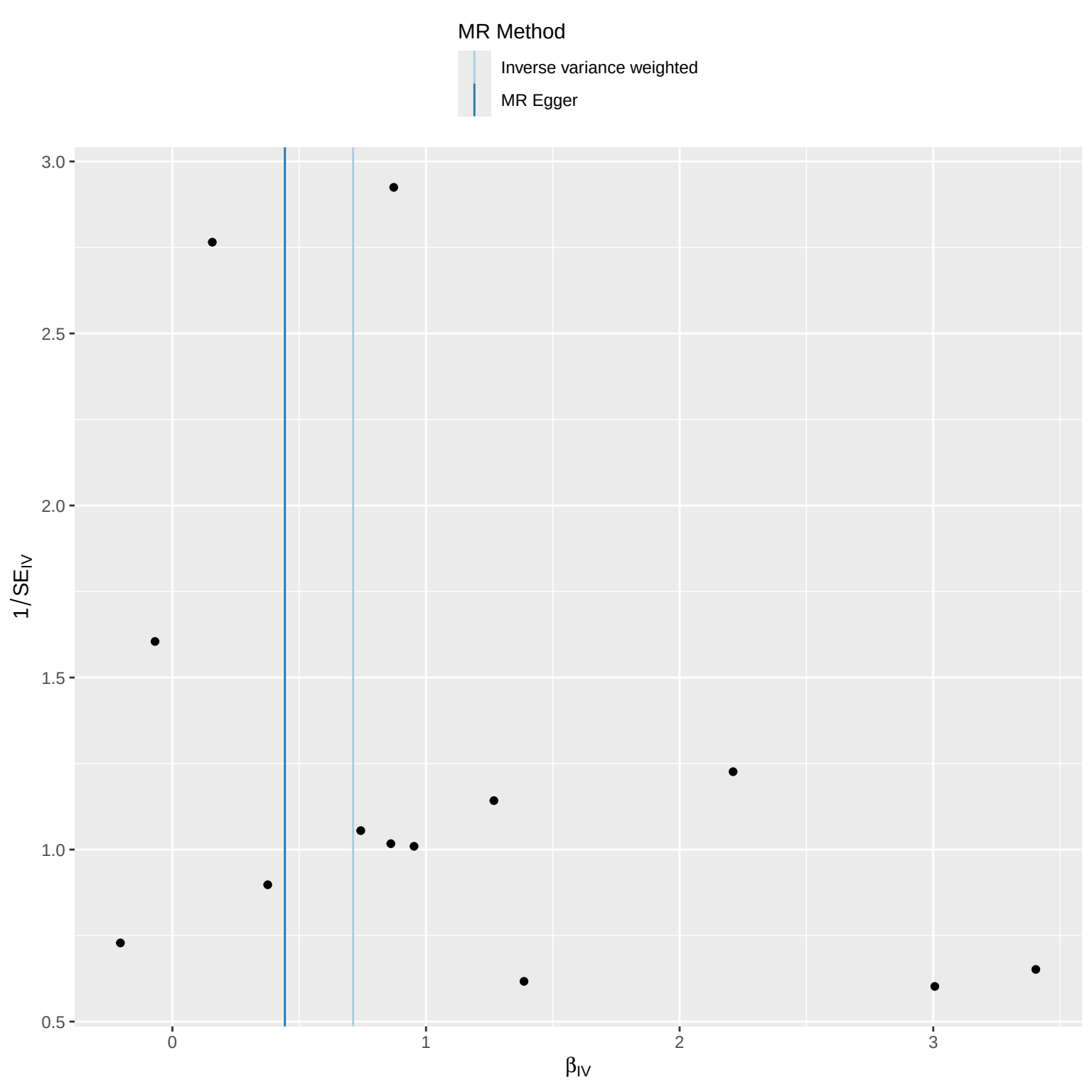

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

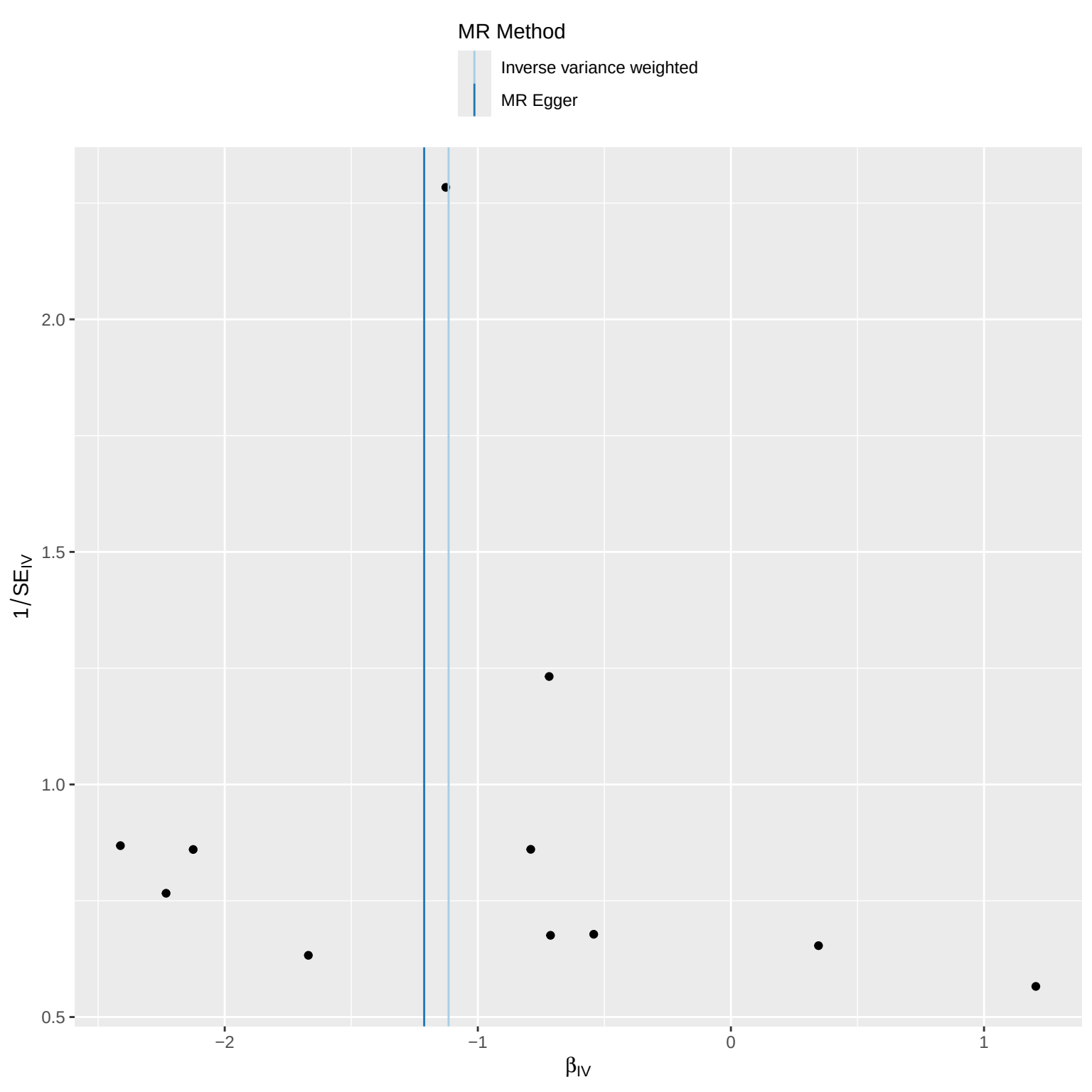

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

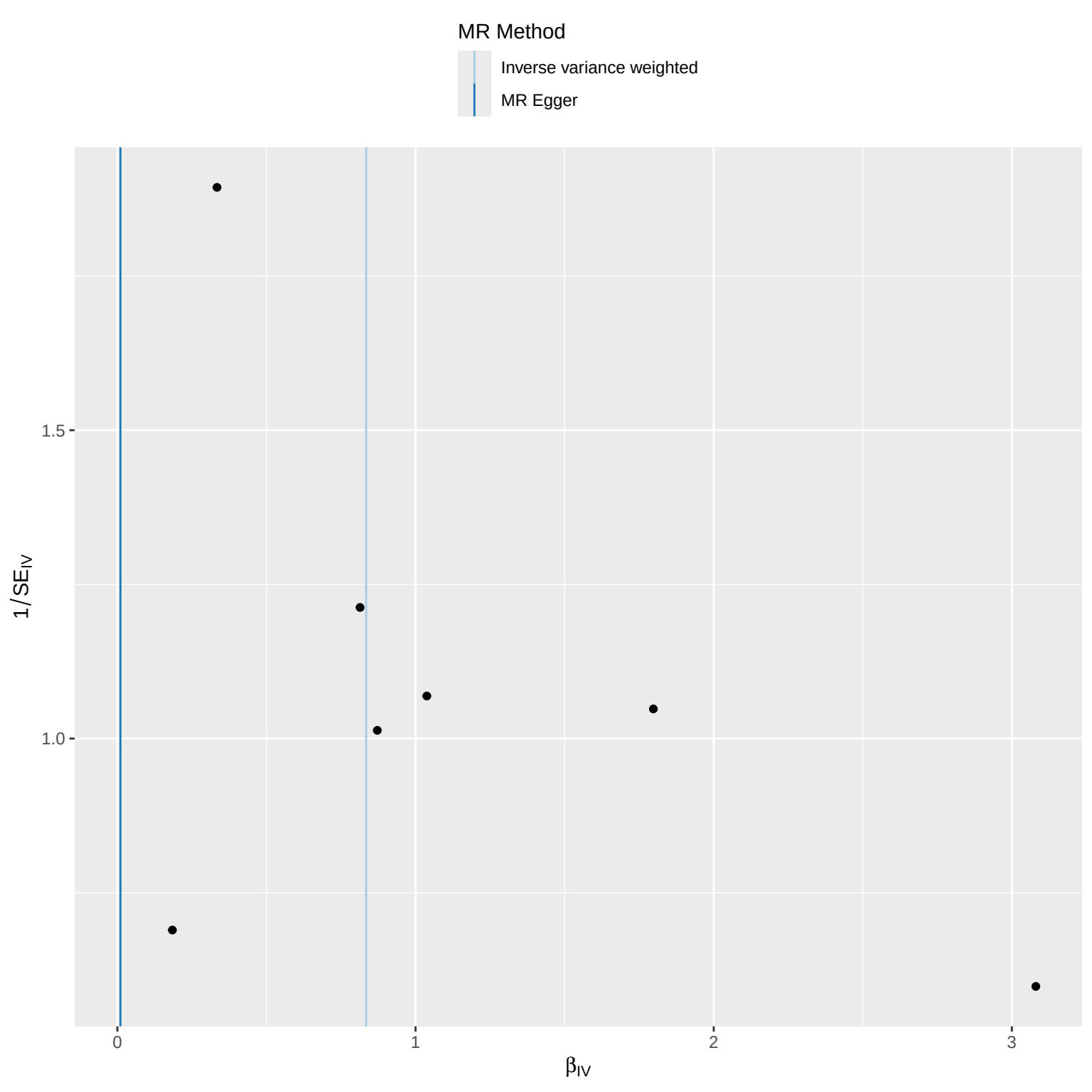

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
0.75
1.00
1.25
1.50
β_IV

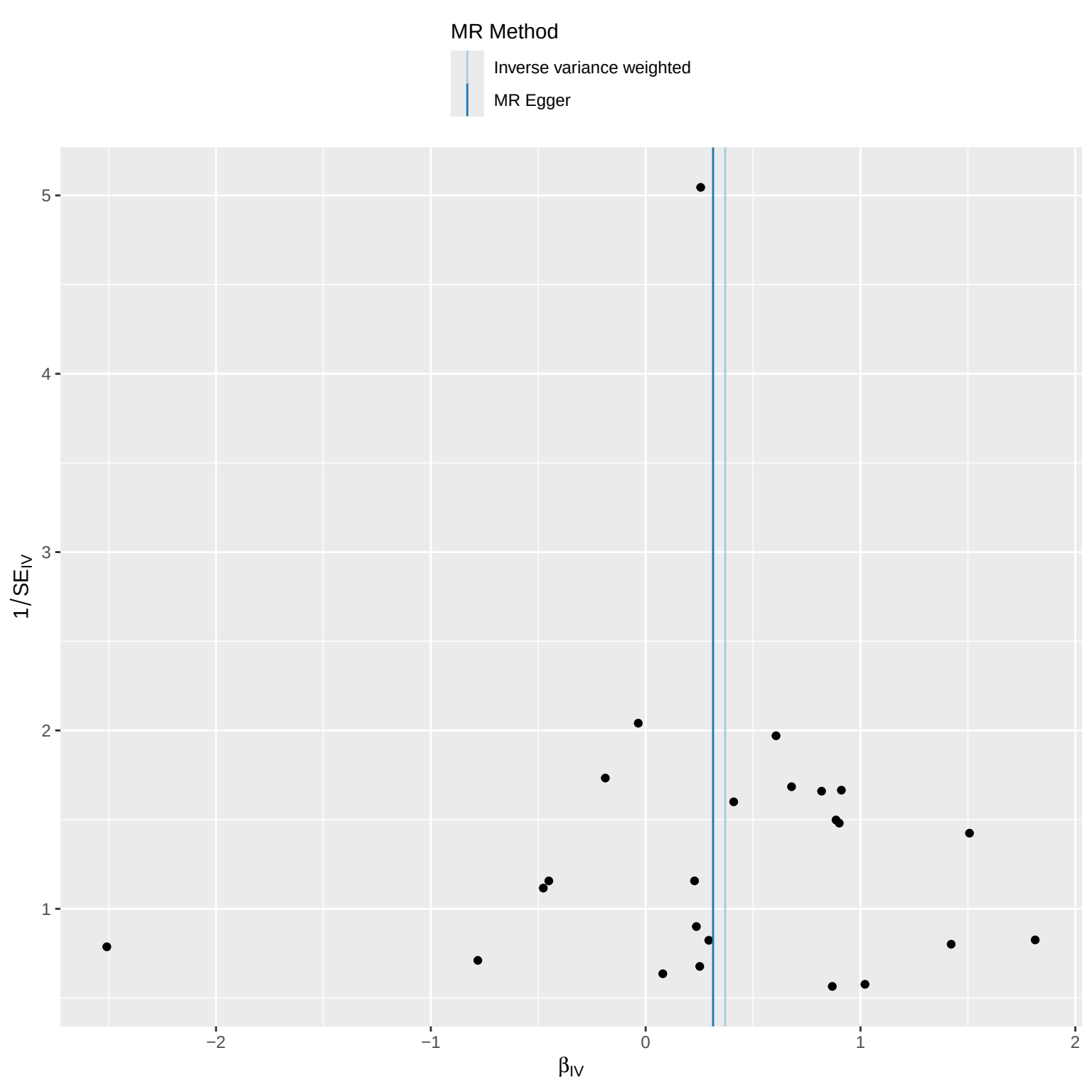

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
β_IV

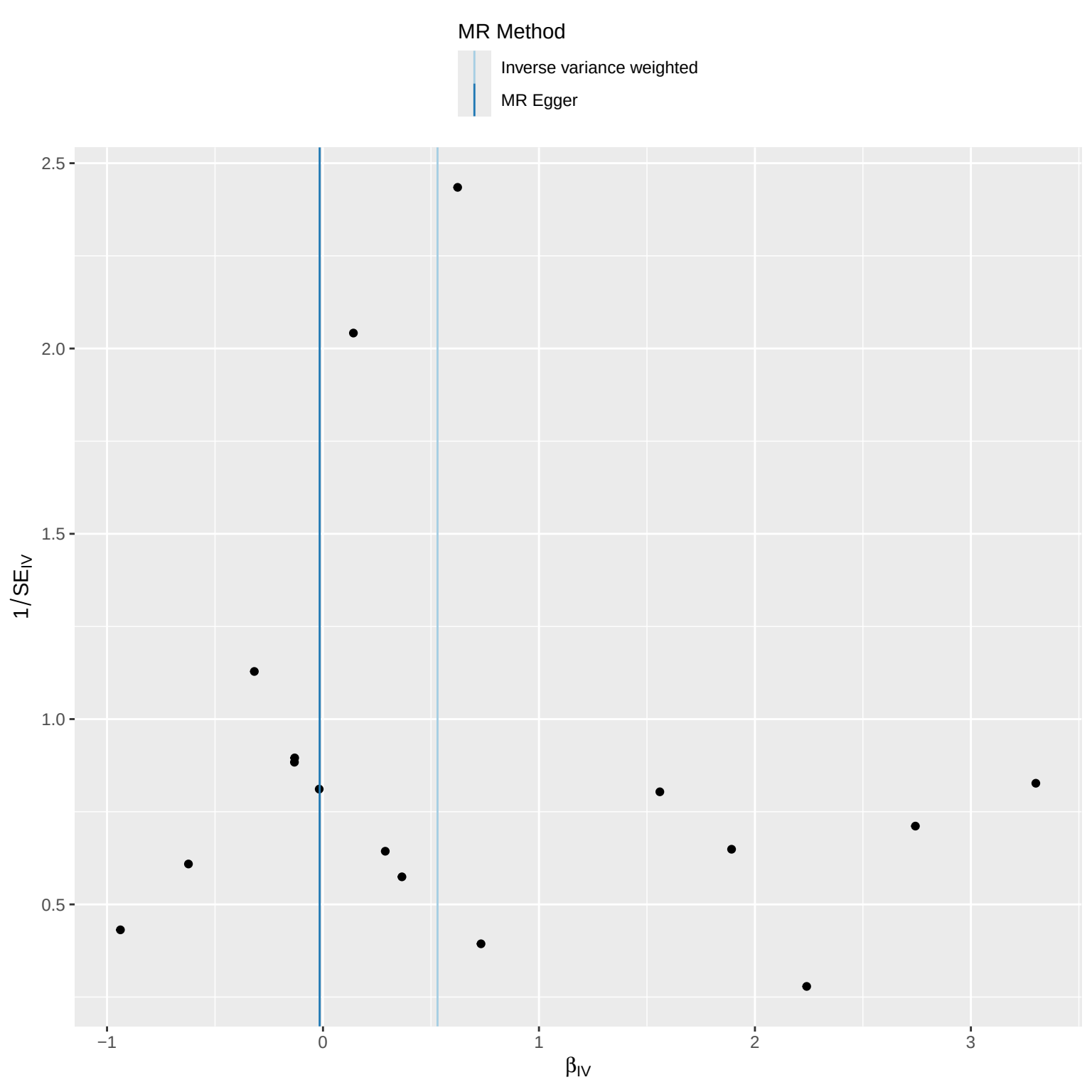

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
0.50
1/SE_IV
1
2
β_IV

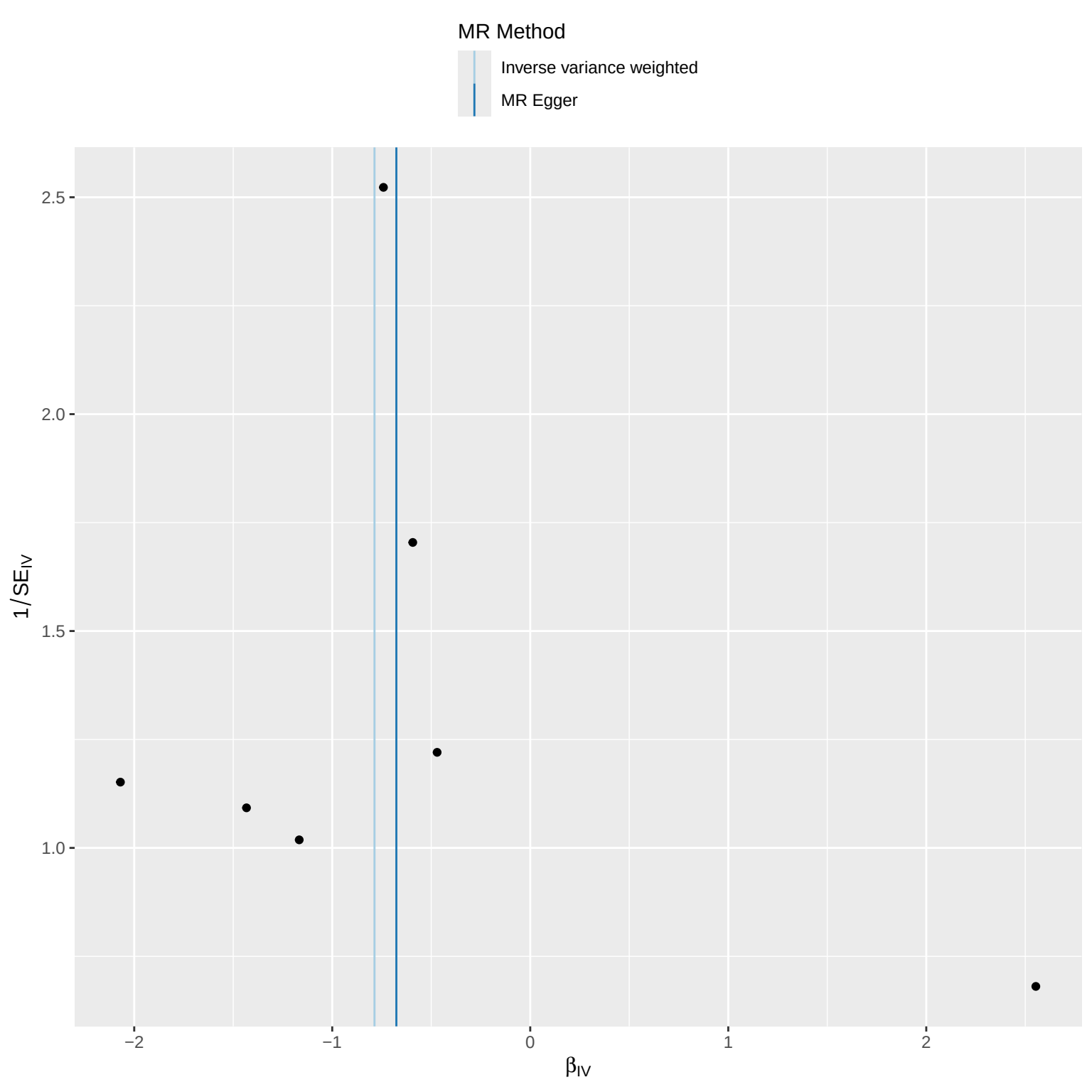

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

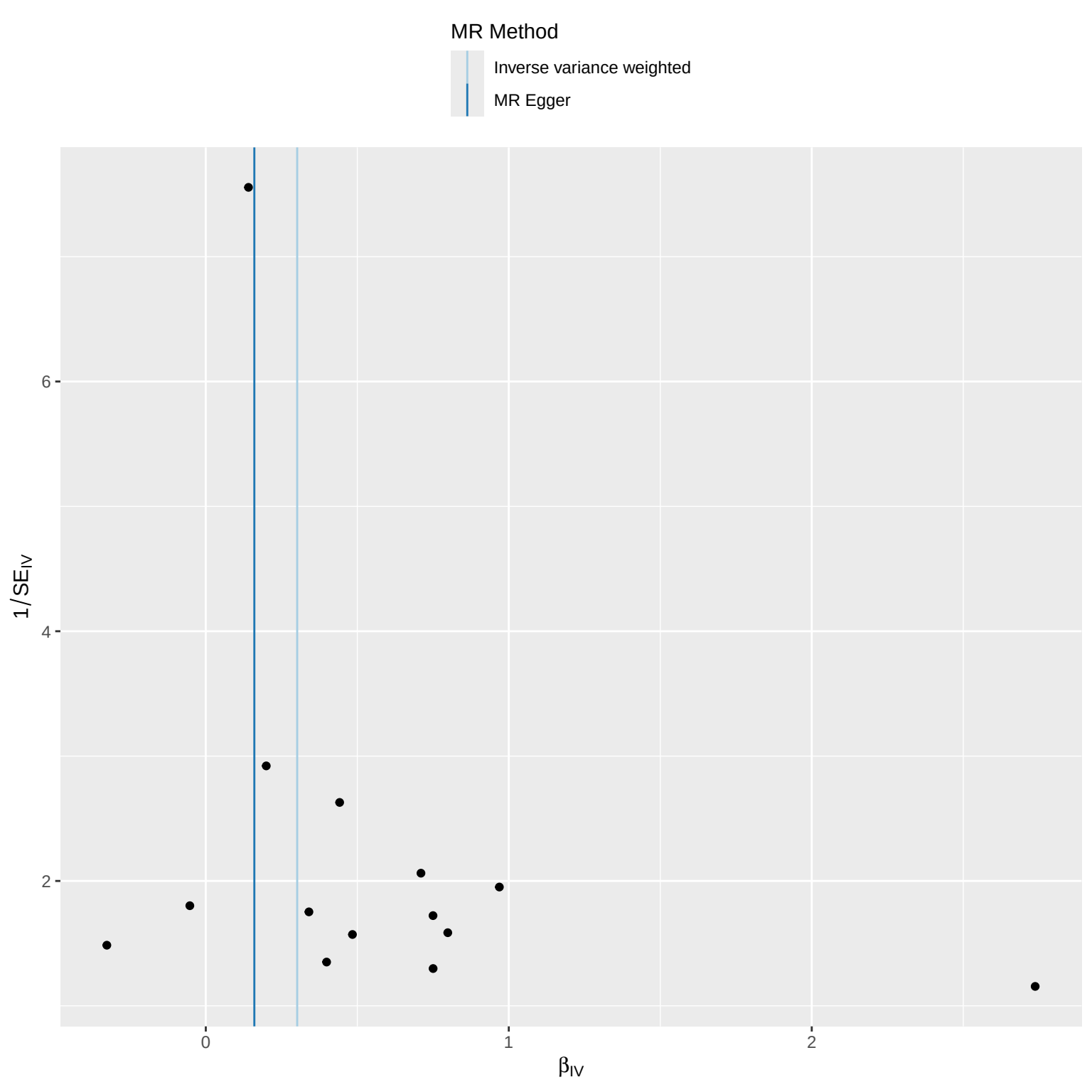

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

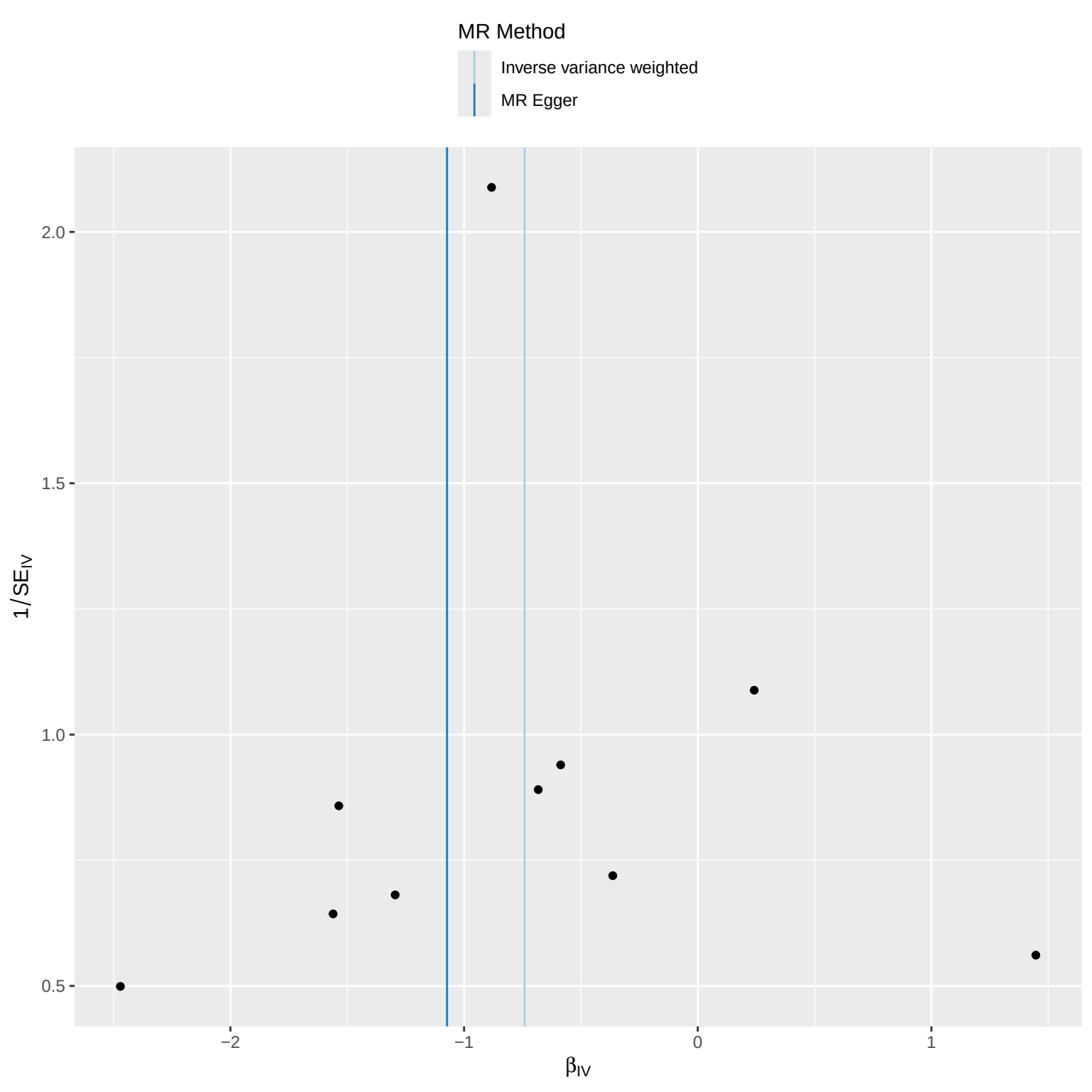

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
0
1
2
3
β_IV

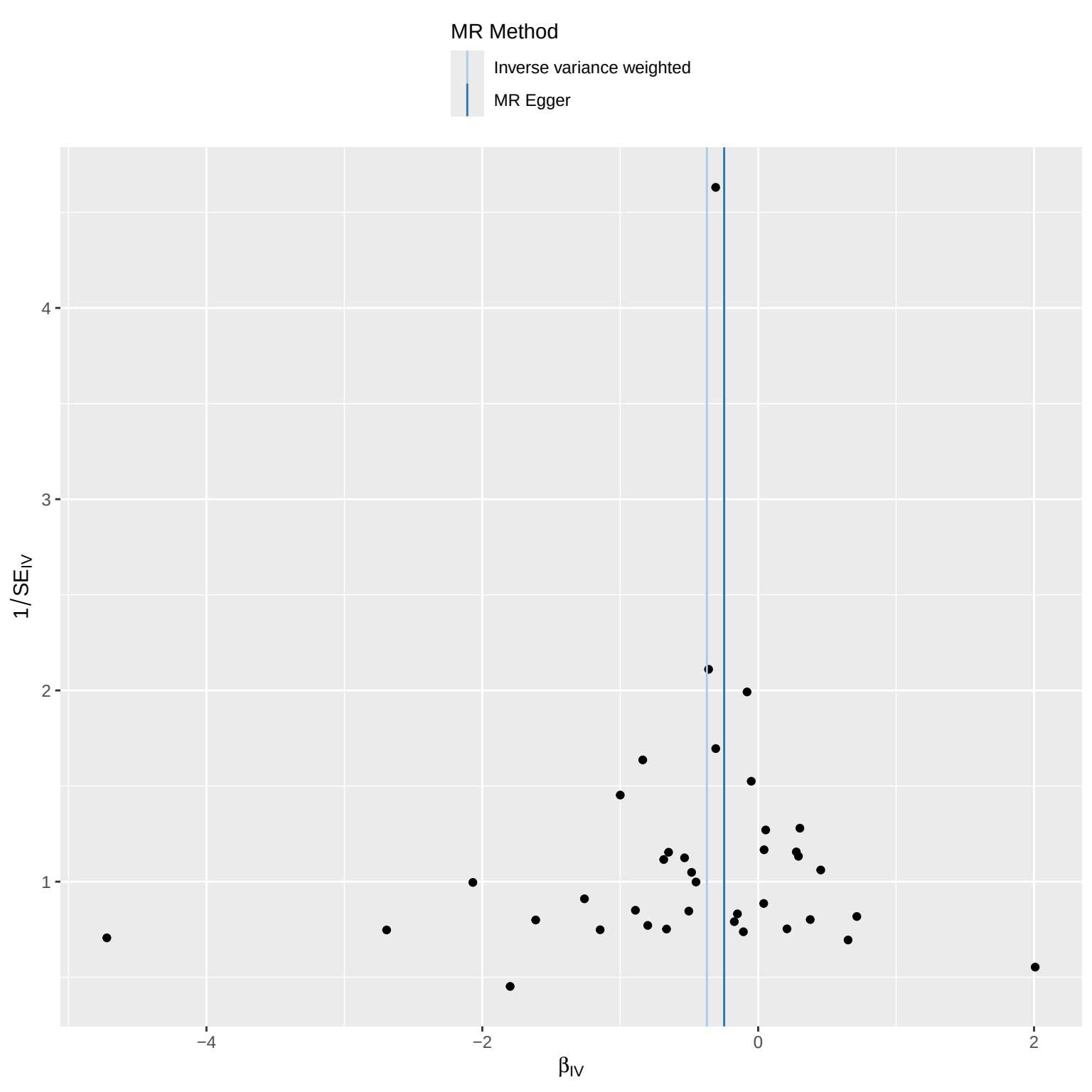

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

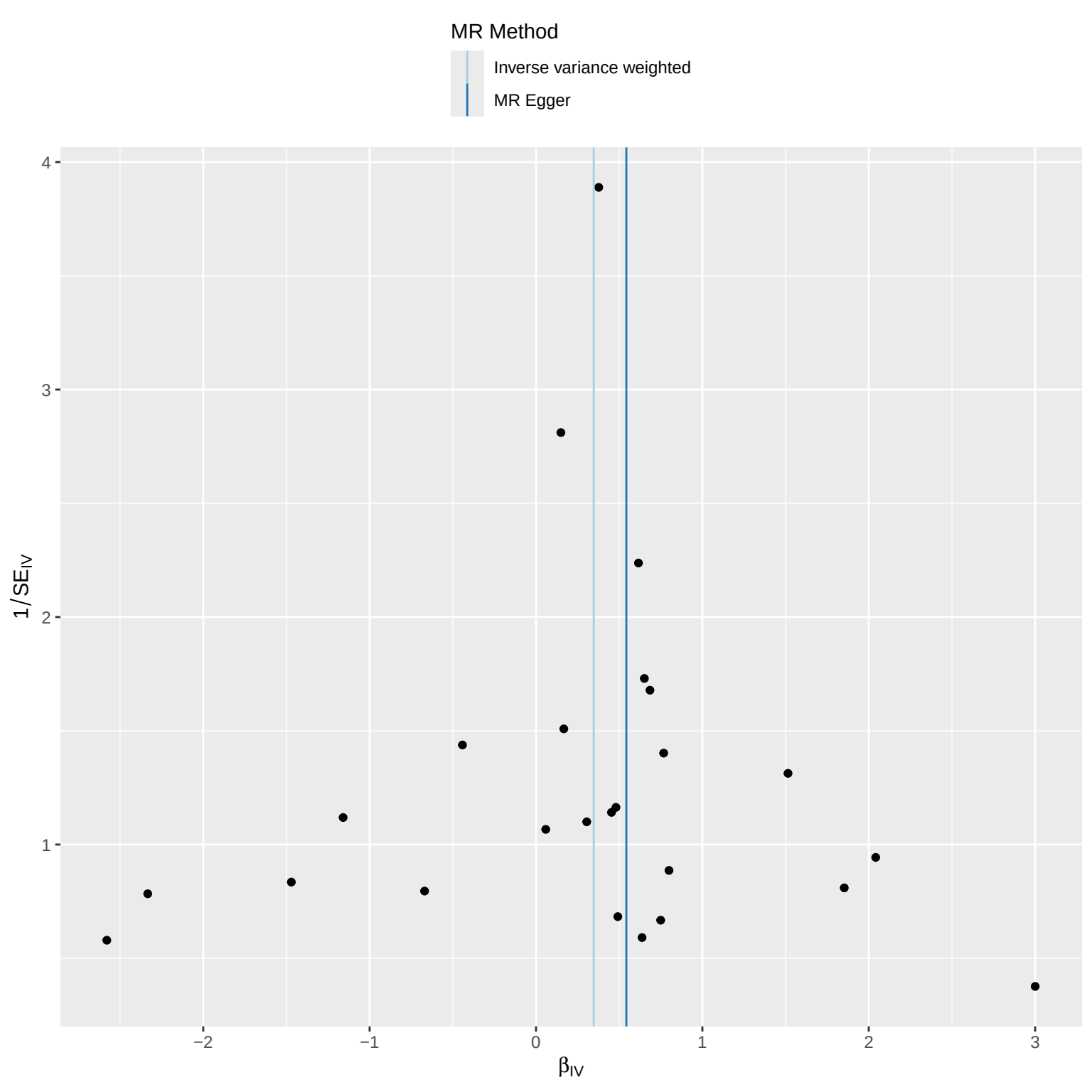

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

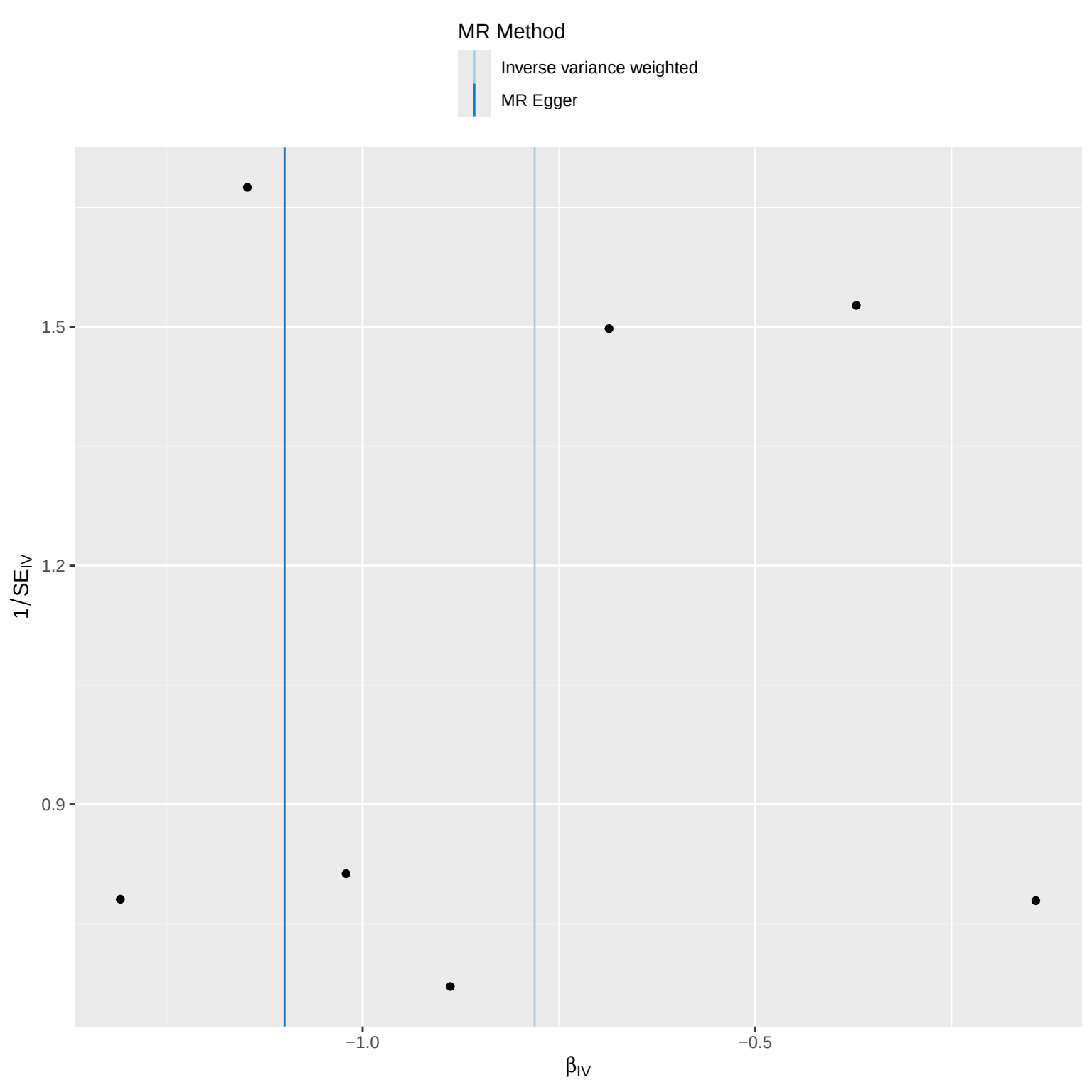

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
2
β_IV

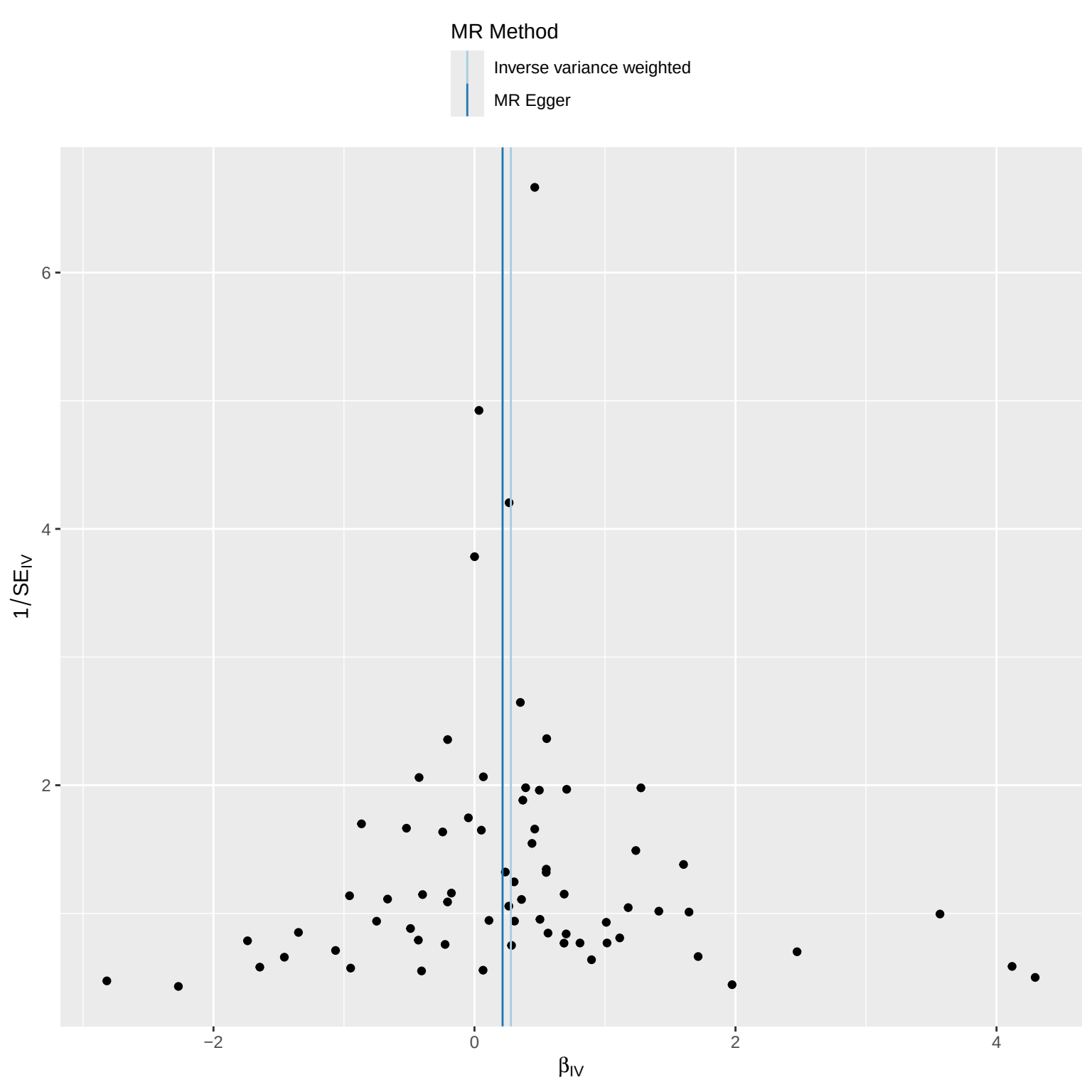

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
0
1
2
β_IV

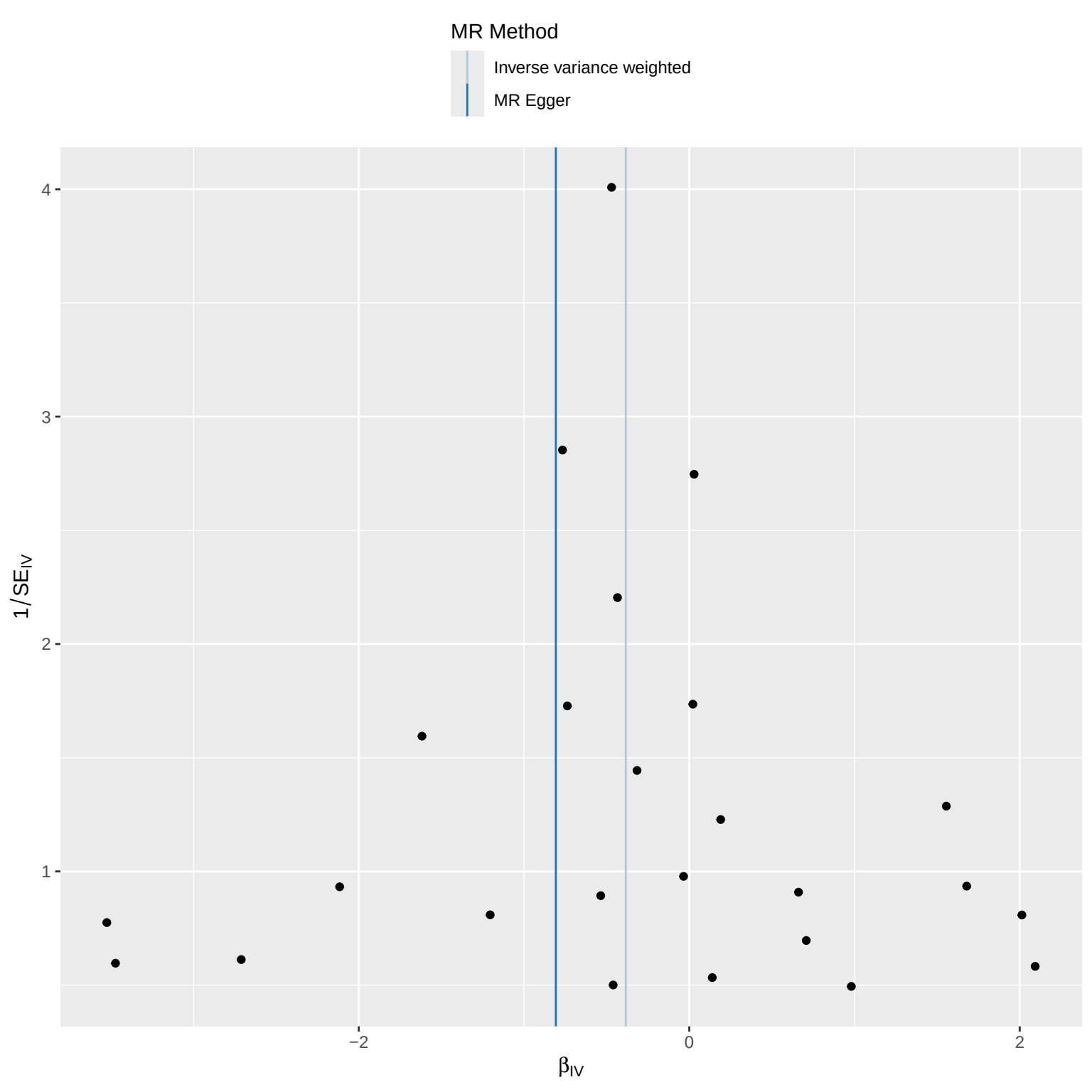

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

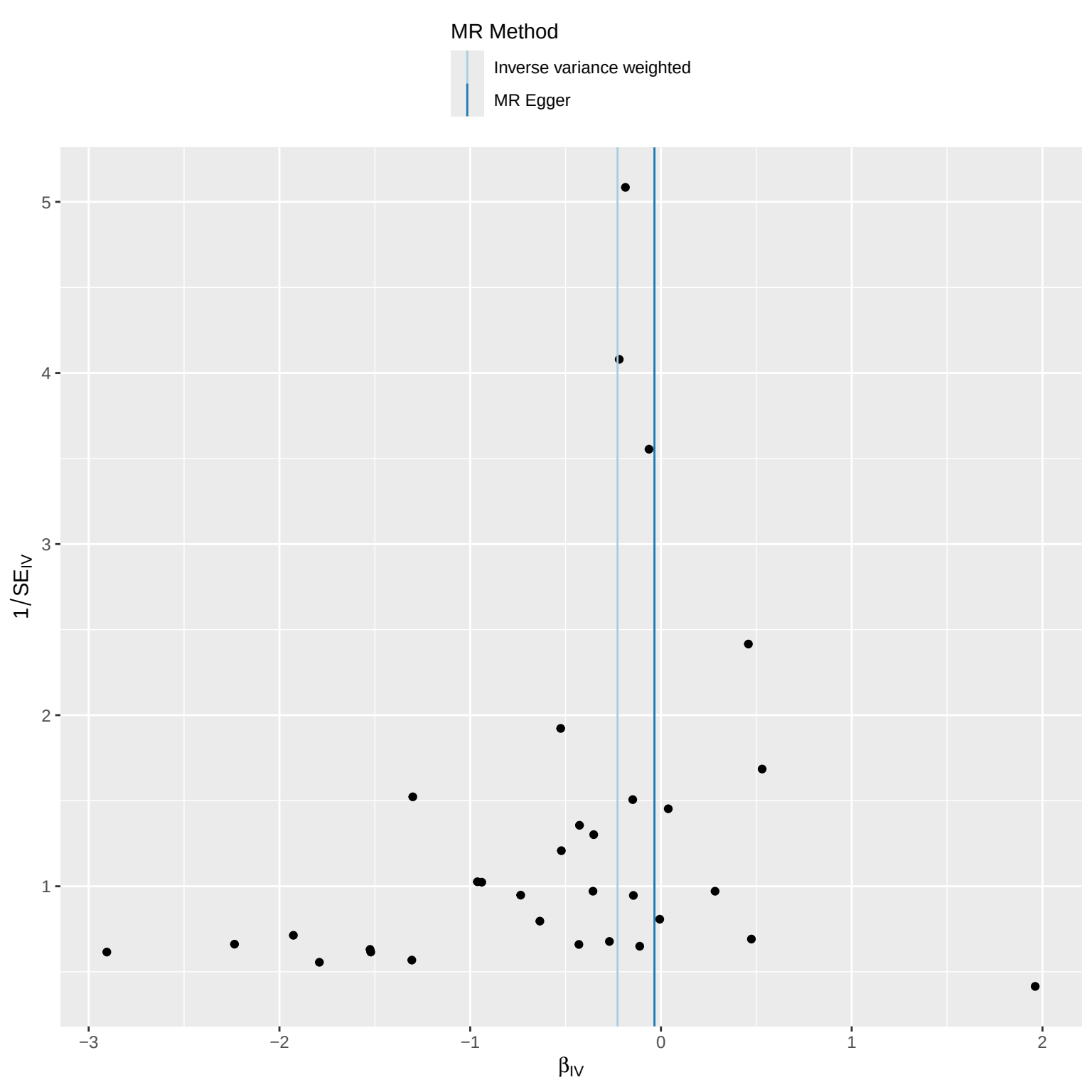

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

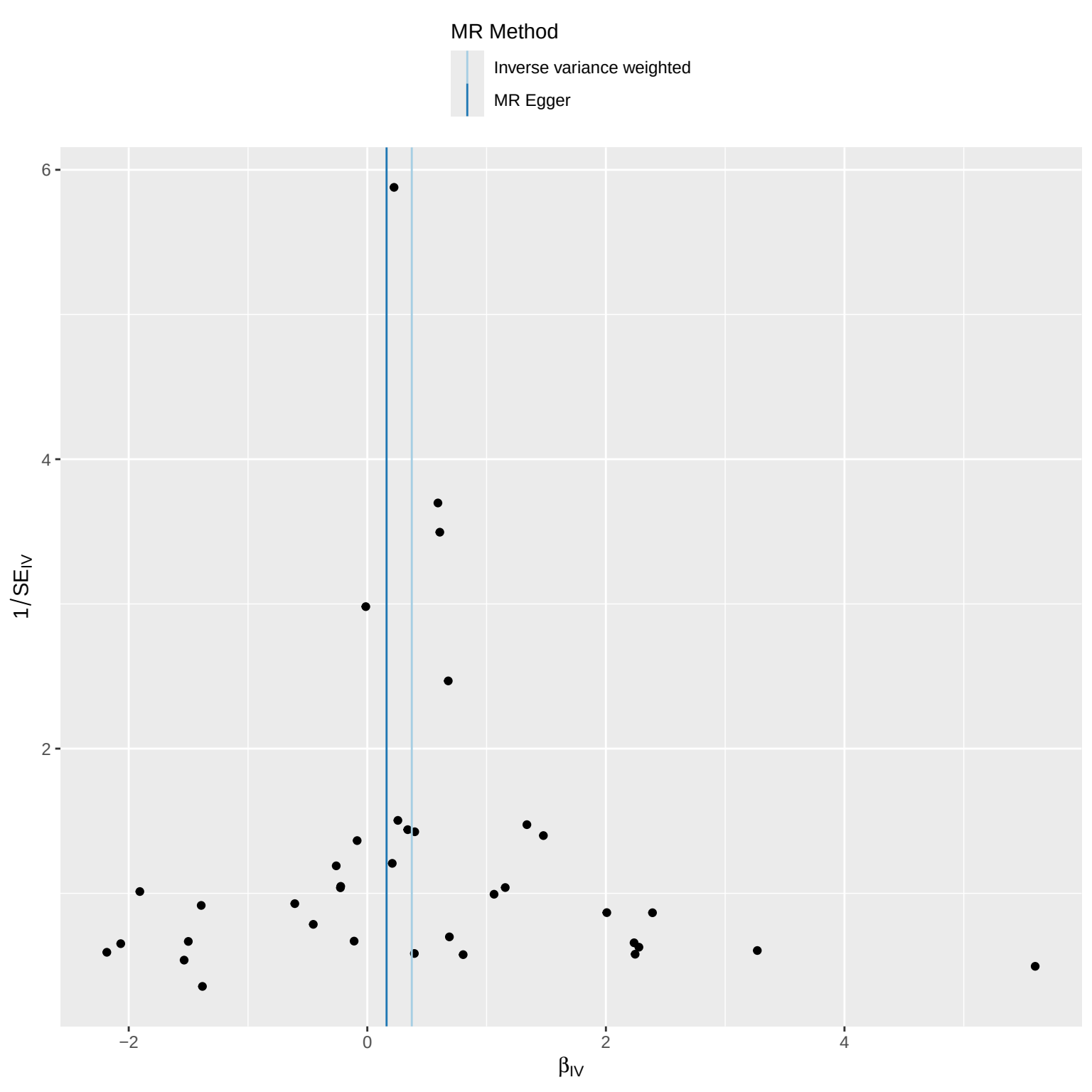

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
−1
0
1
2
3
β_{IV}

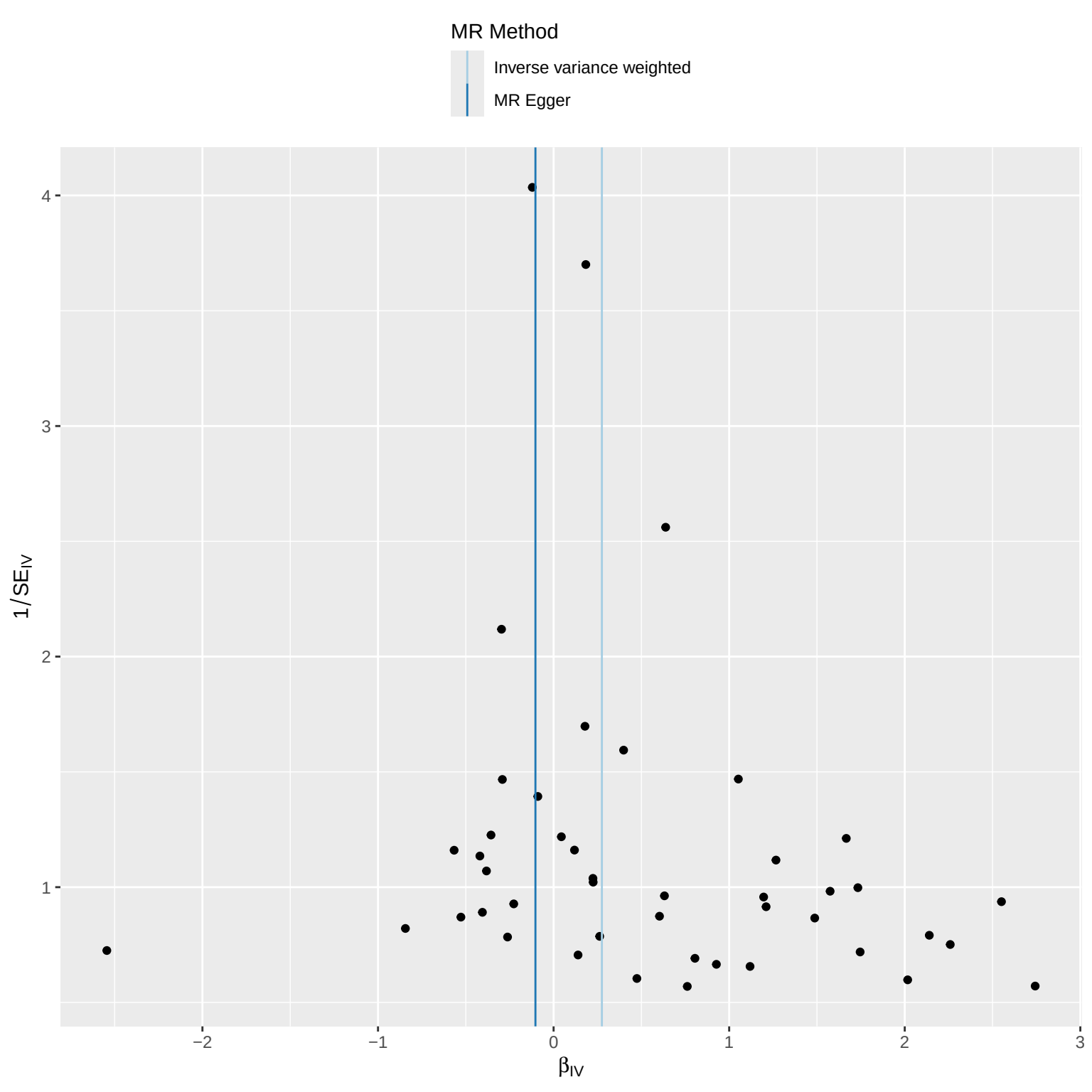

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
1/SE_IV
−1.0
−0.5
β_IV

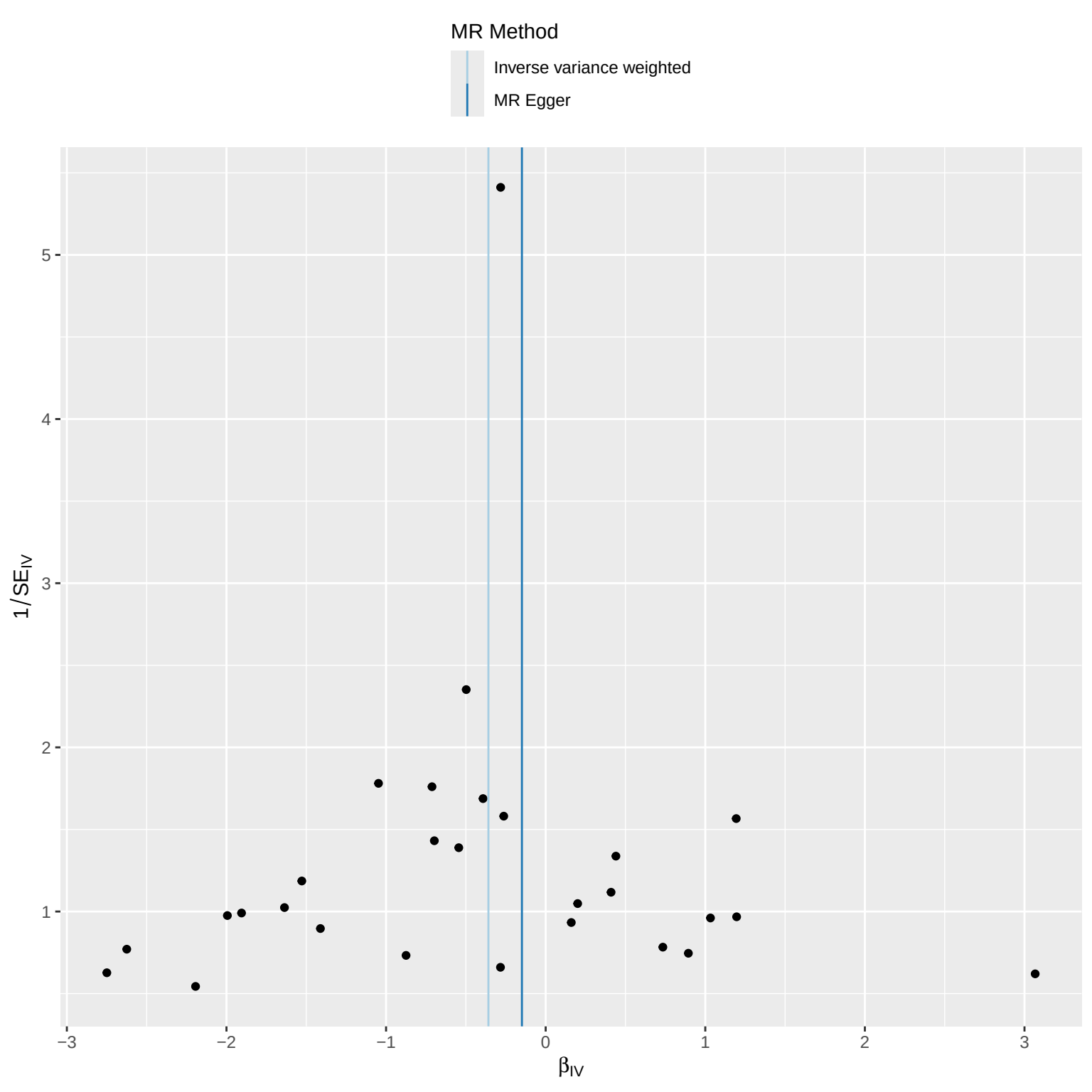

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
4
β_IV

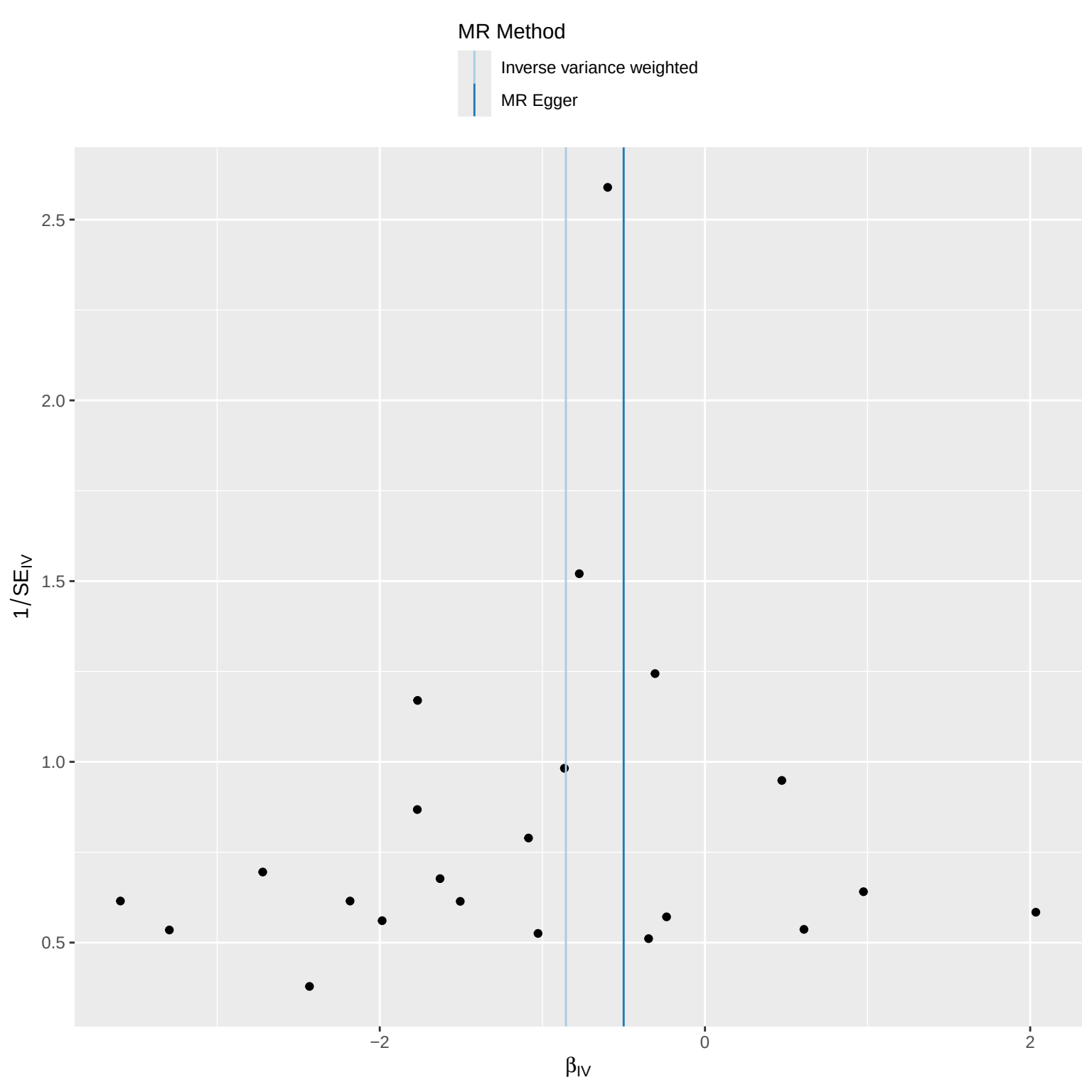

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

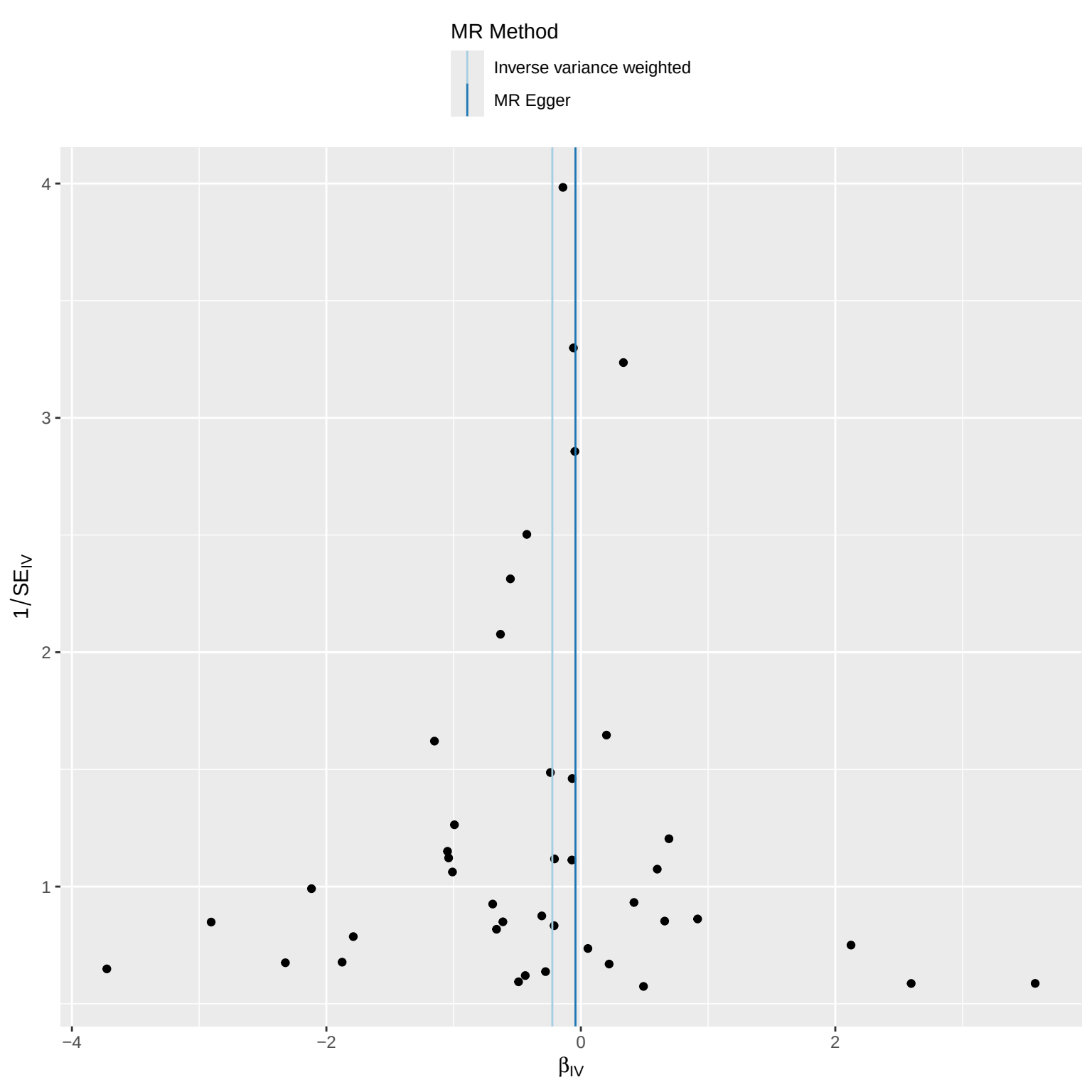

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

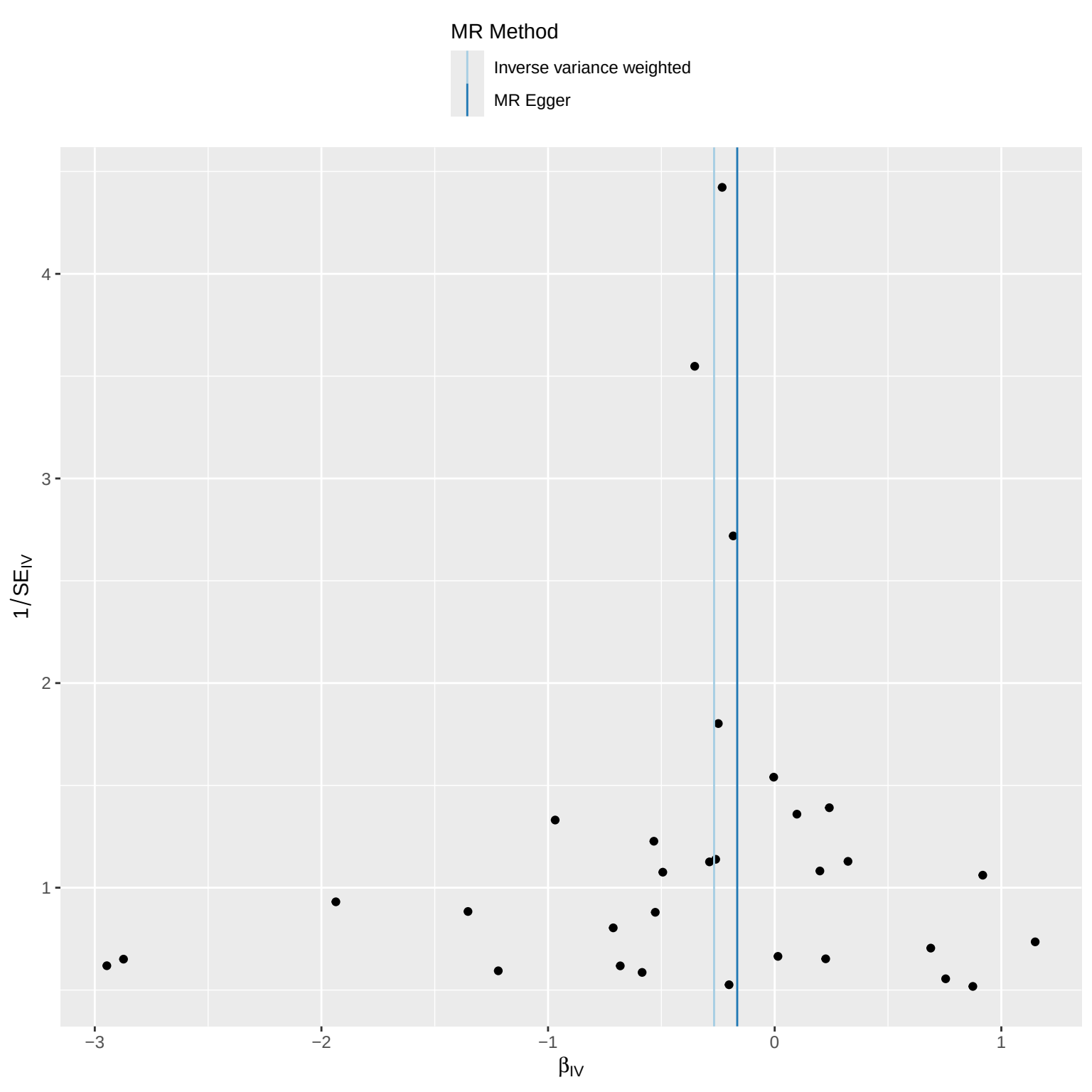

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
4
β_IV

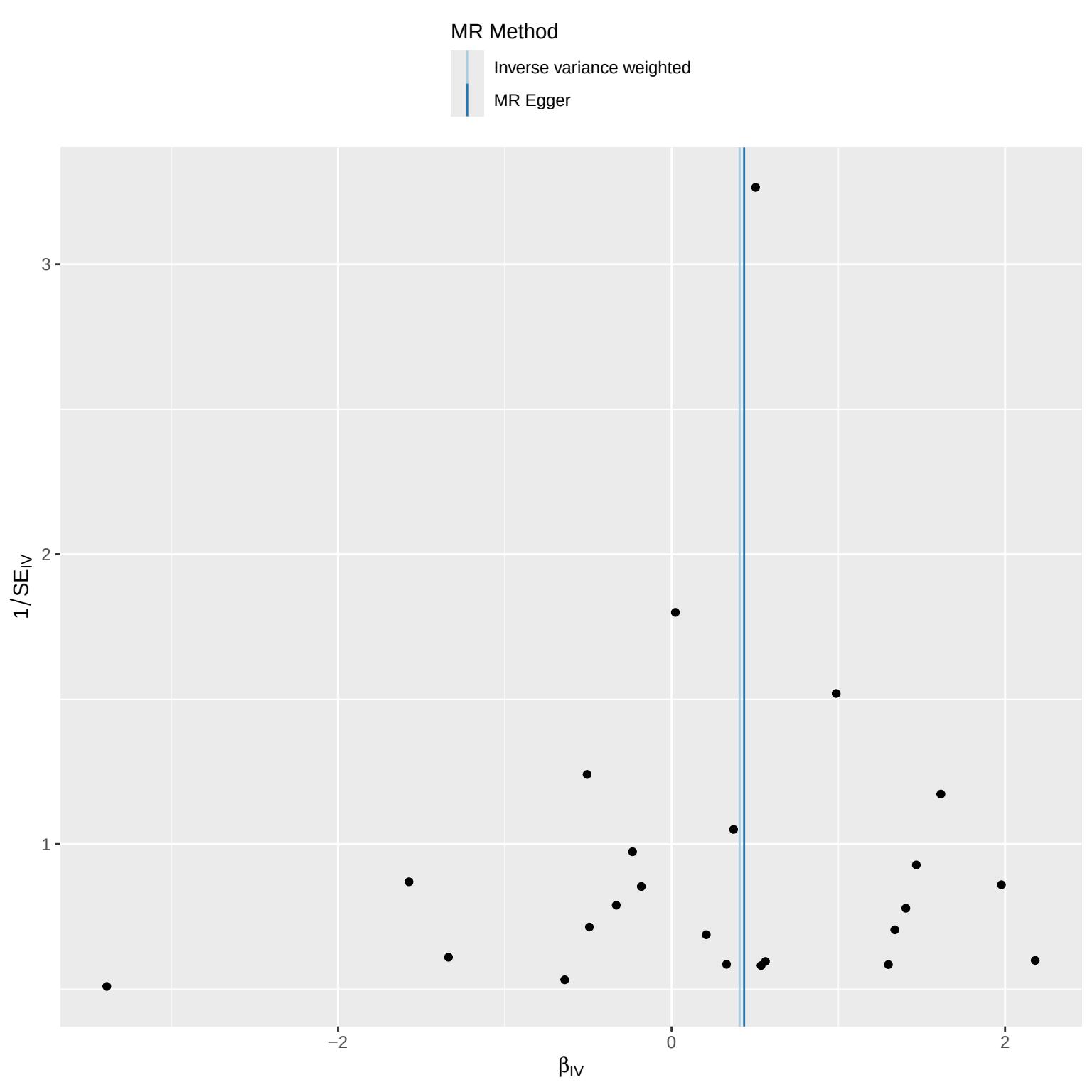

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

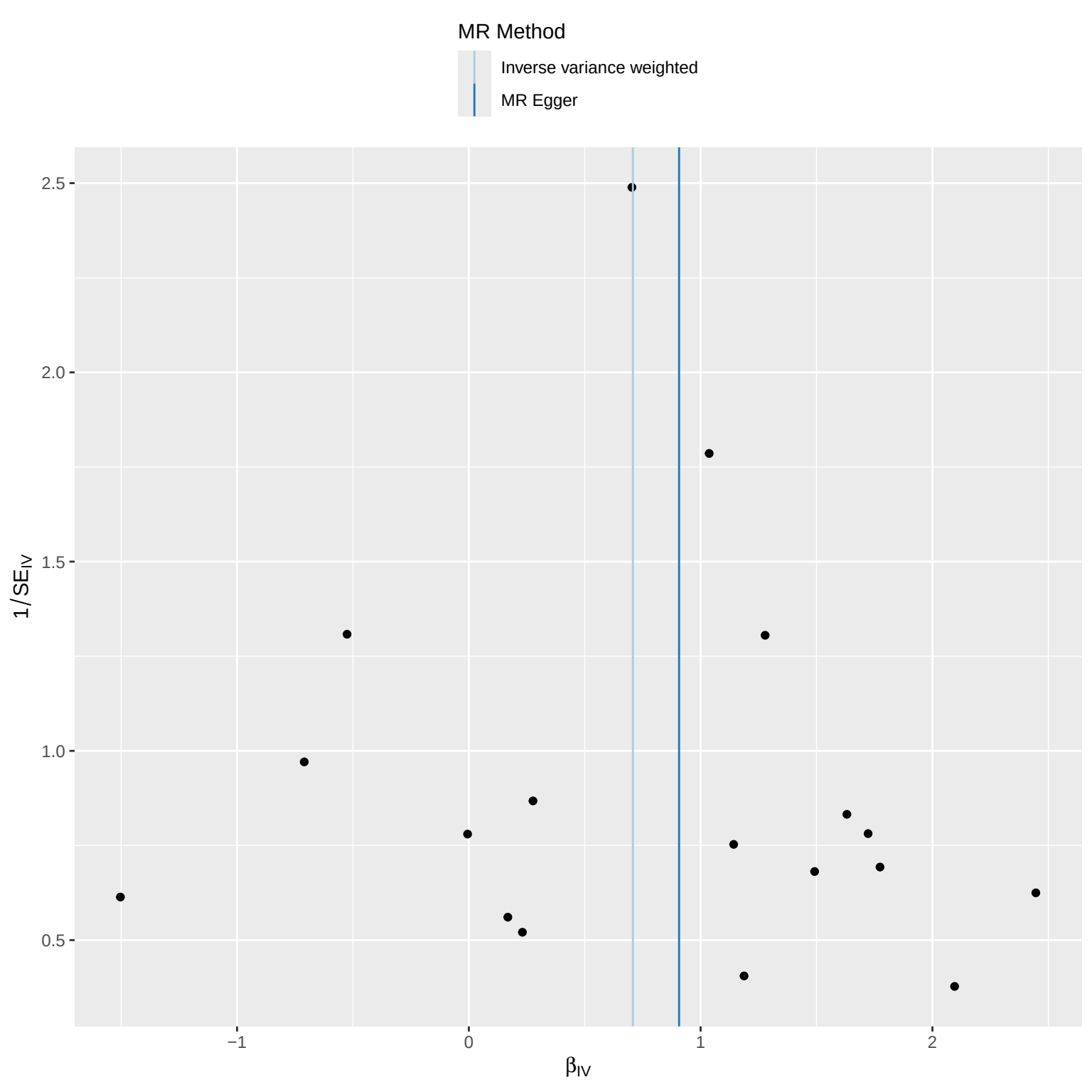

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

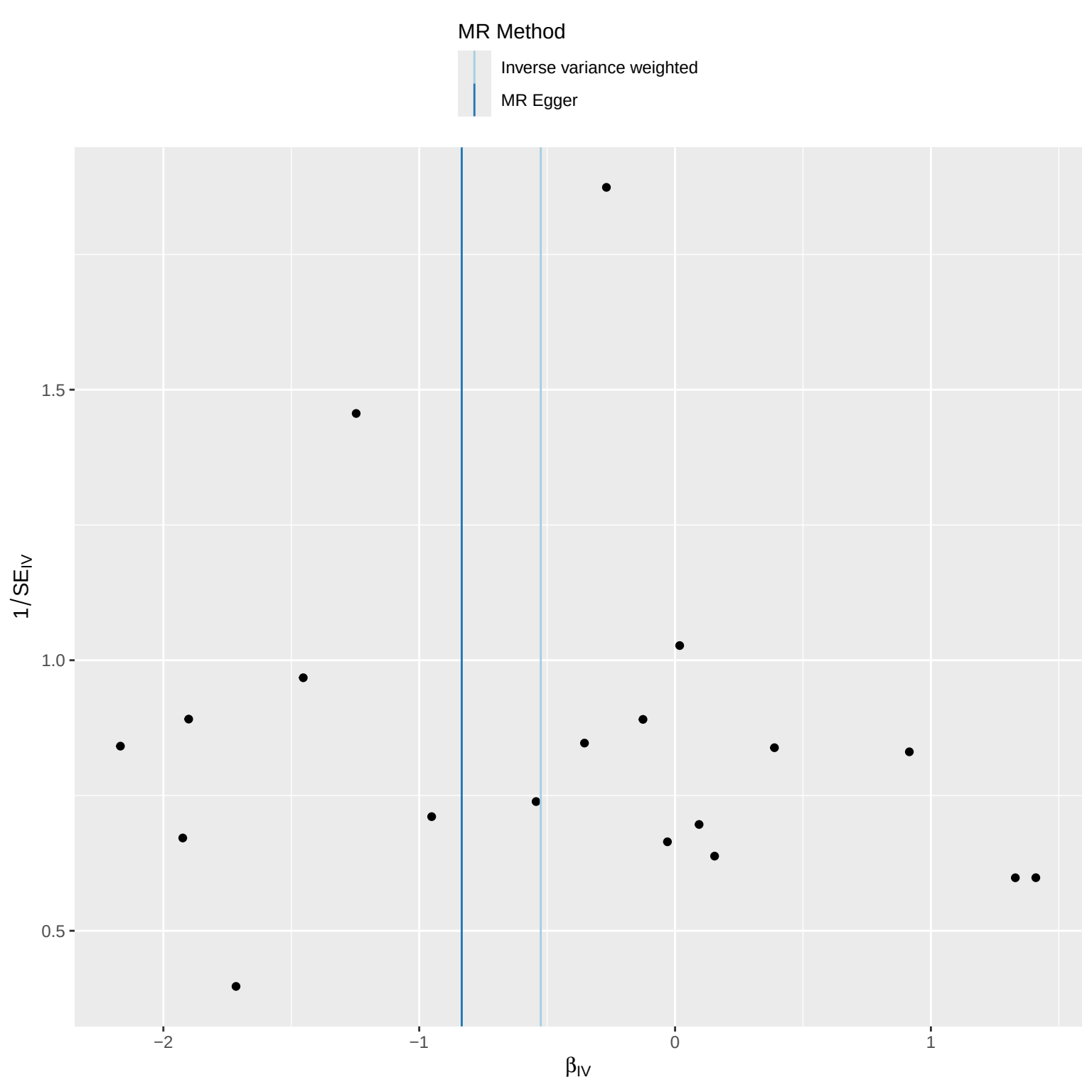

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

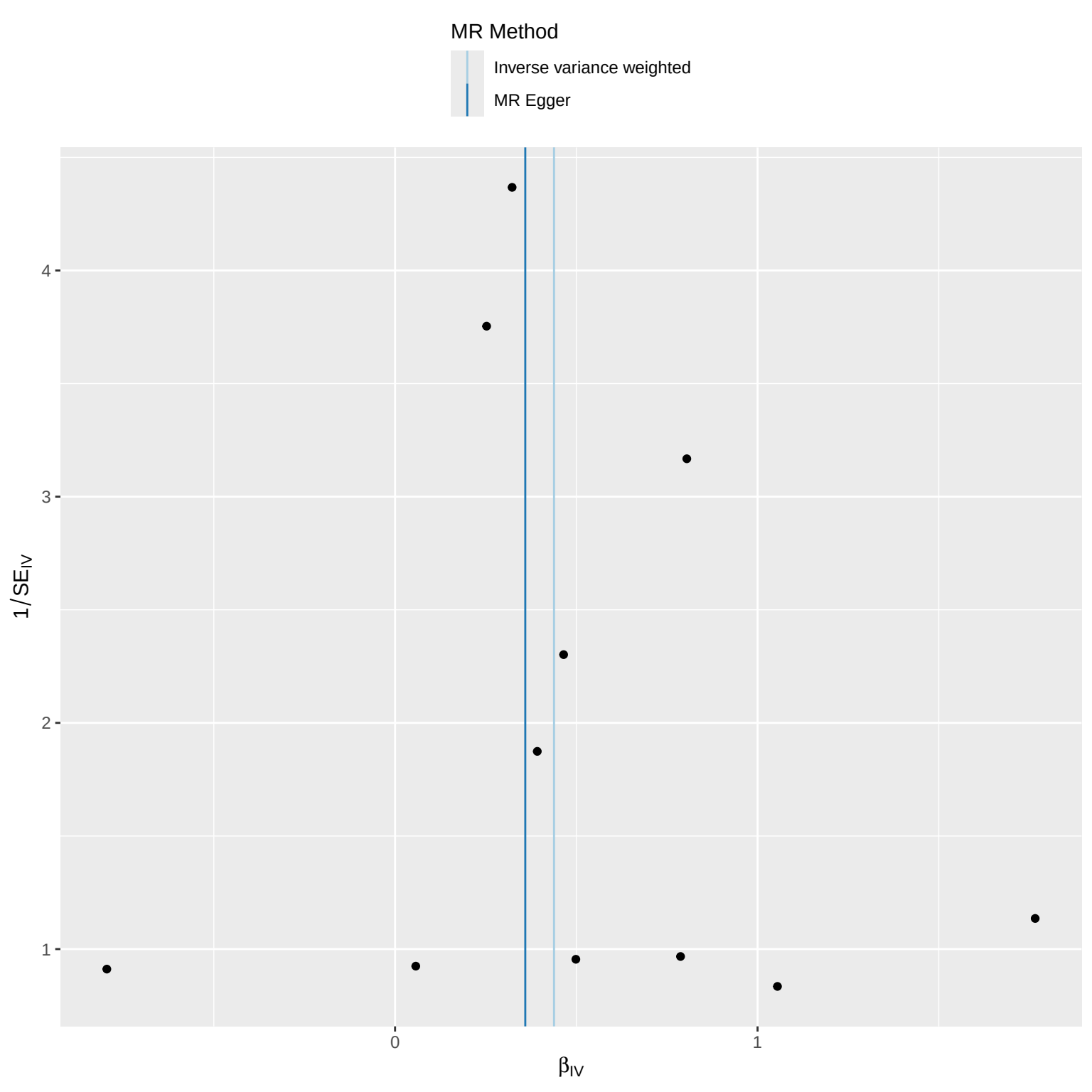

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

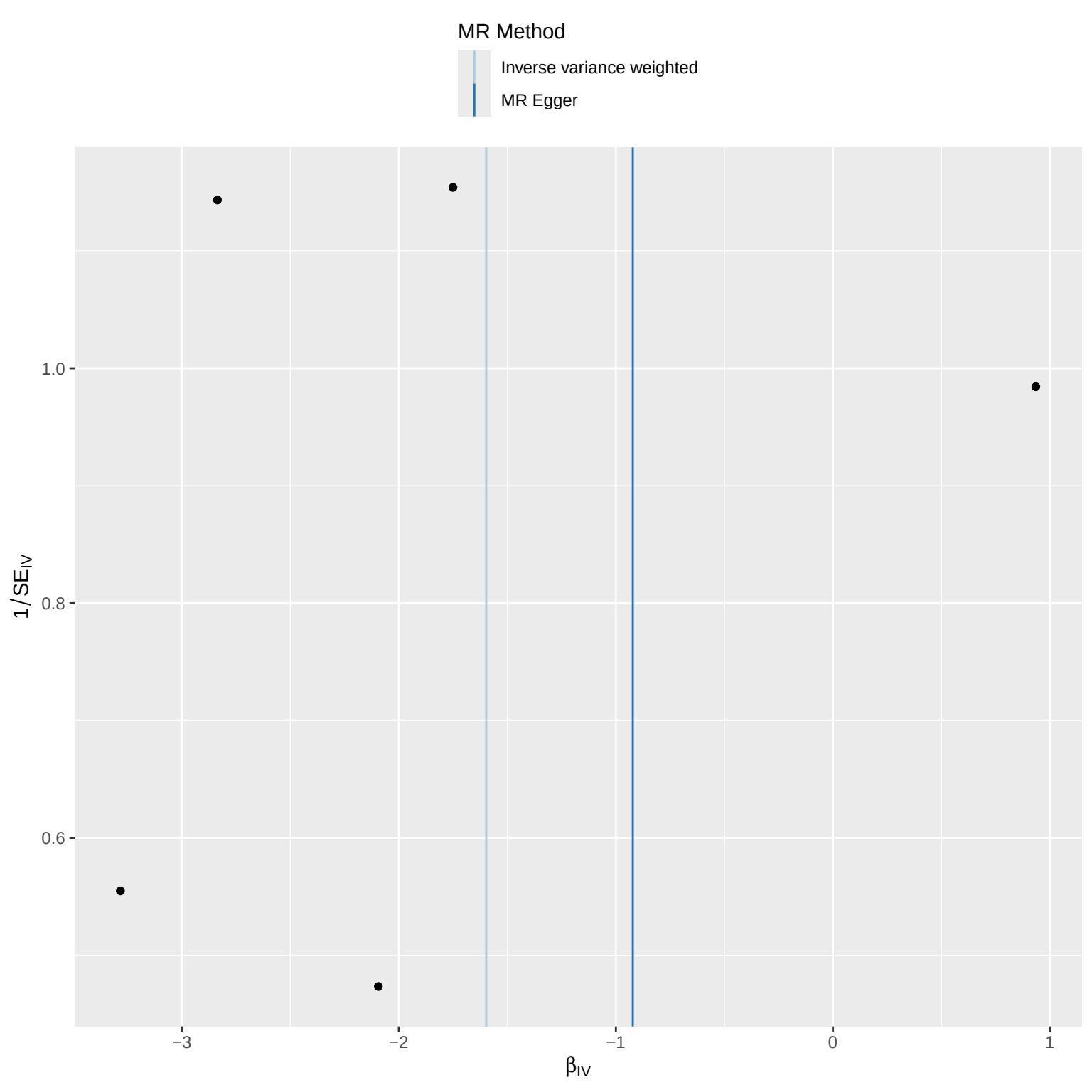

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

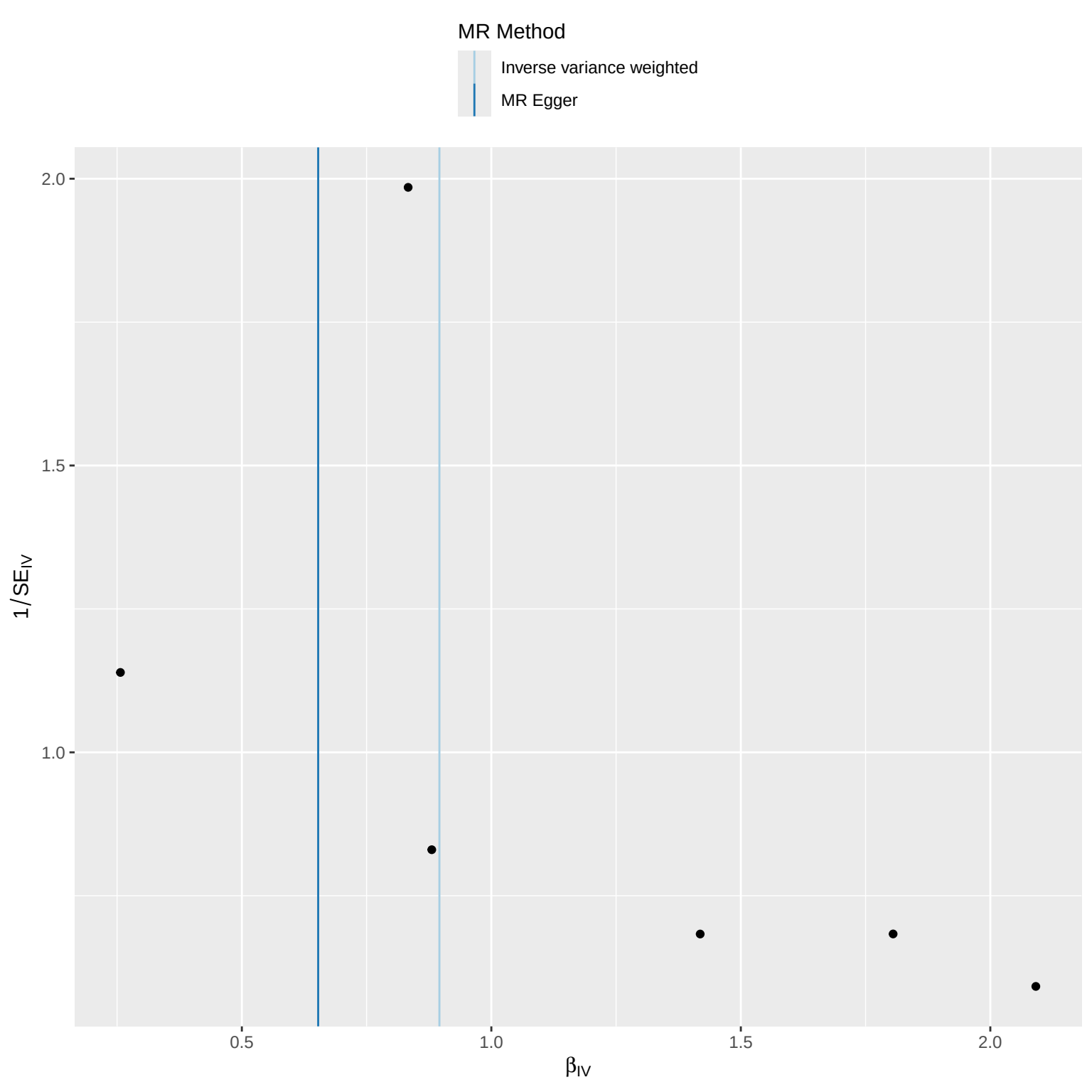

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

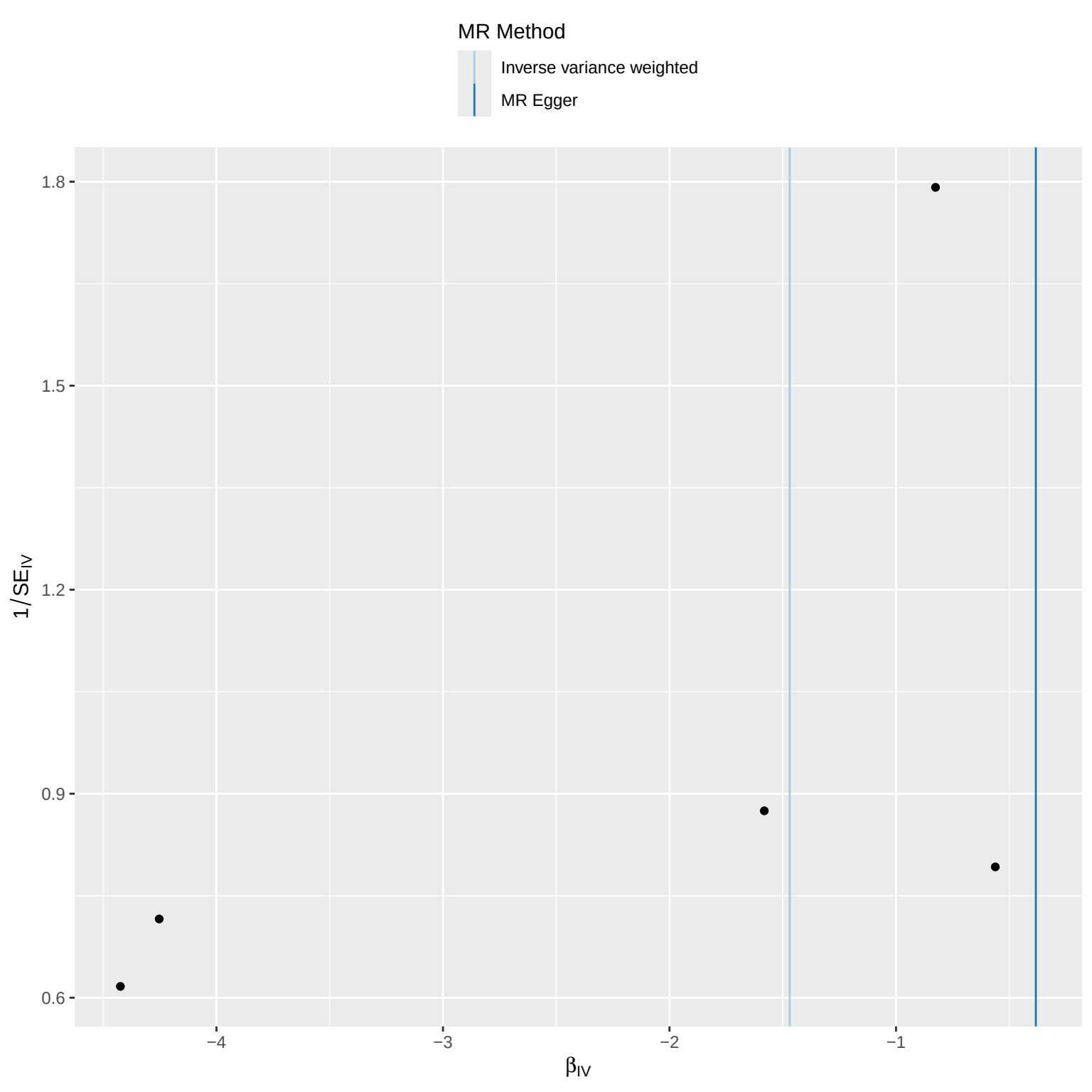

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

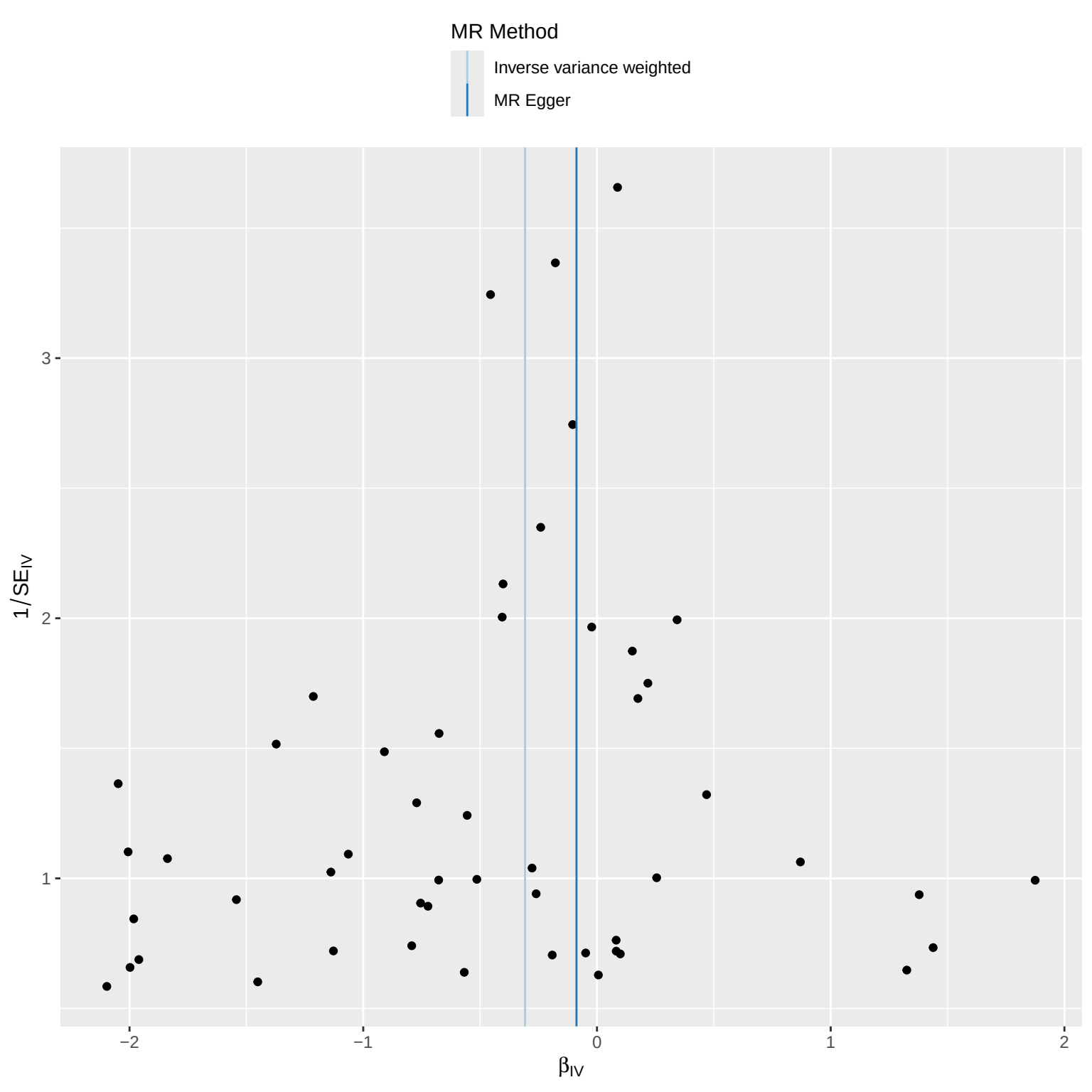

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

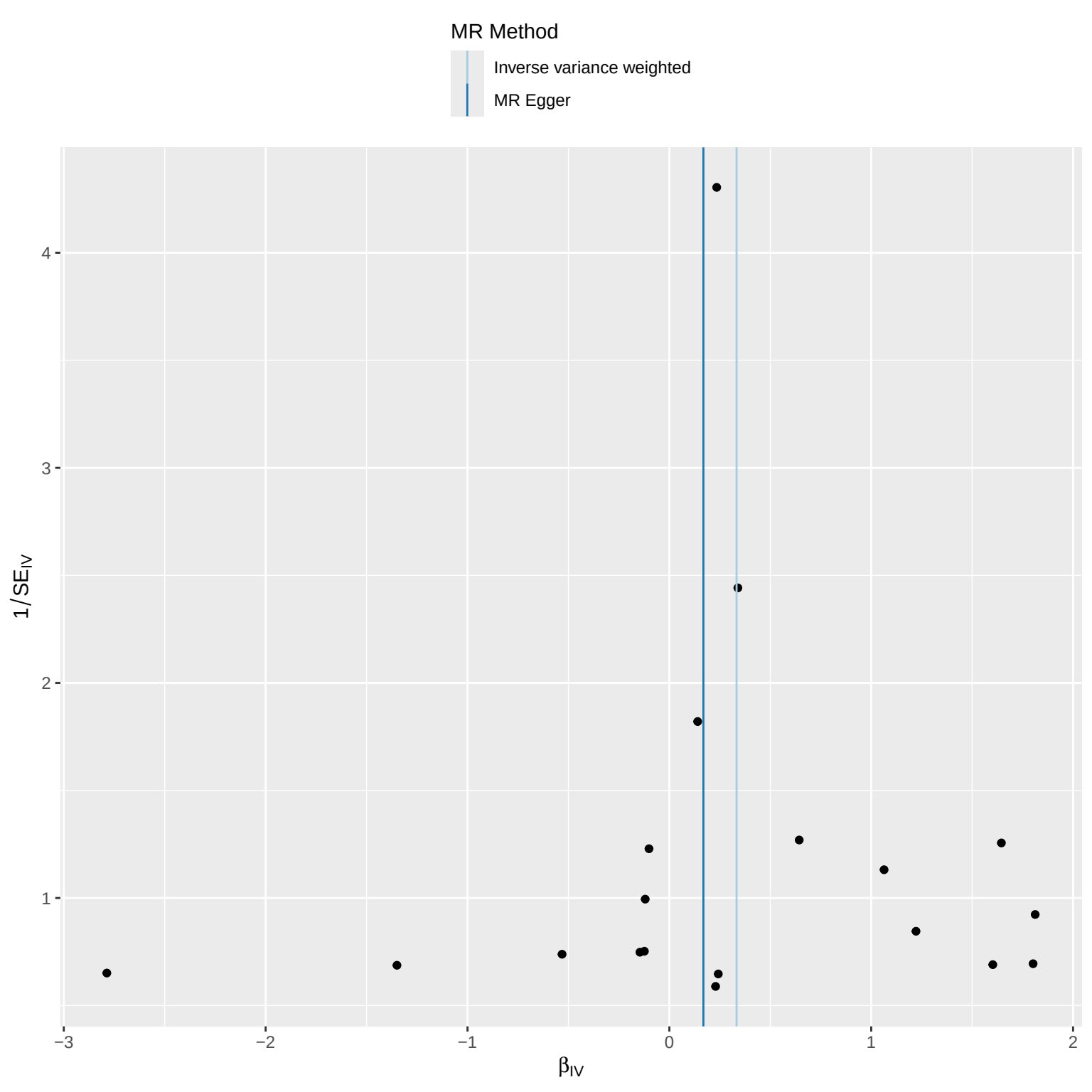

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0
1
β_IV

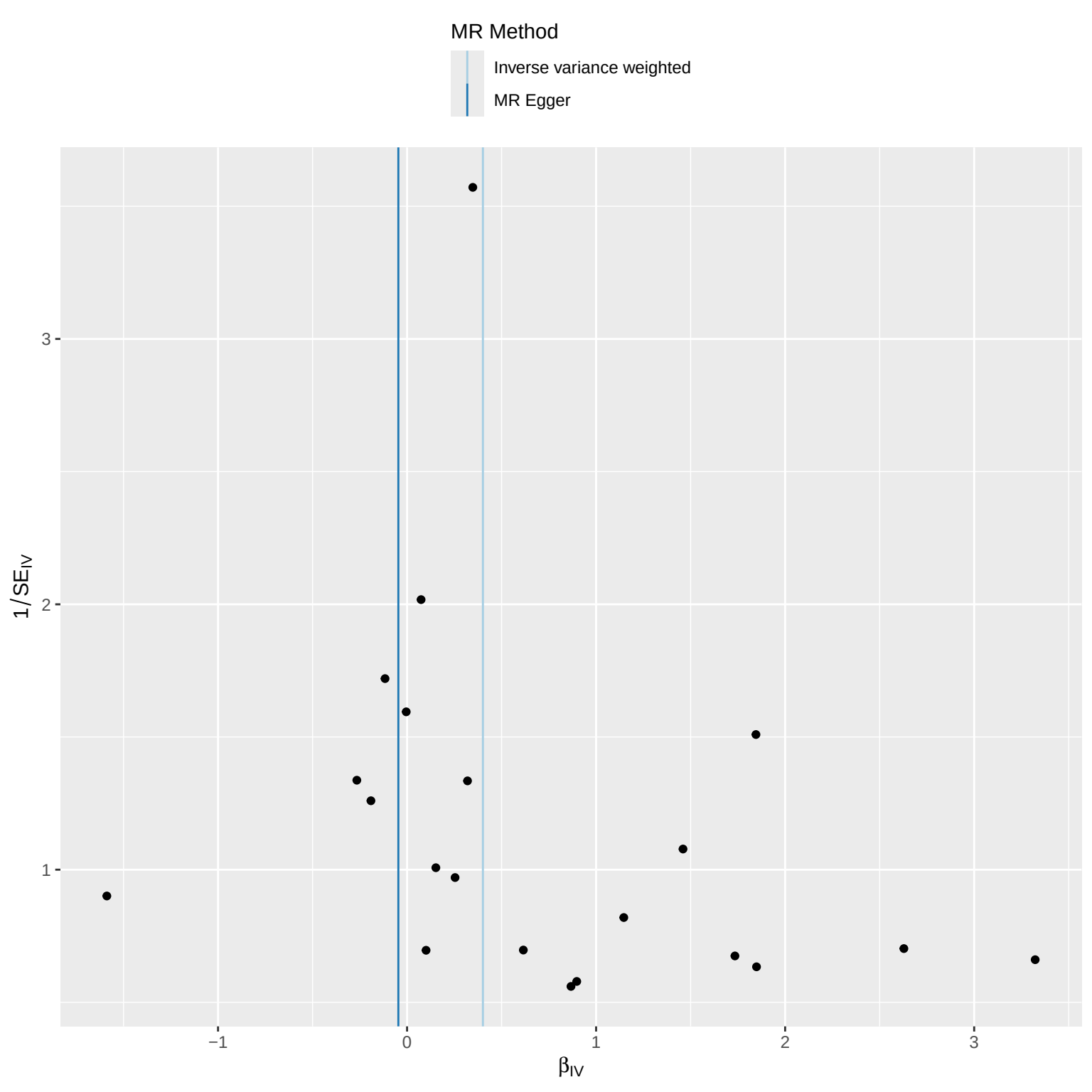

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

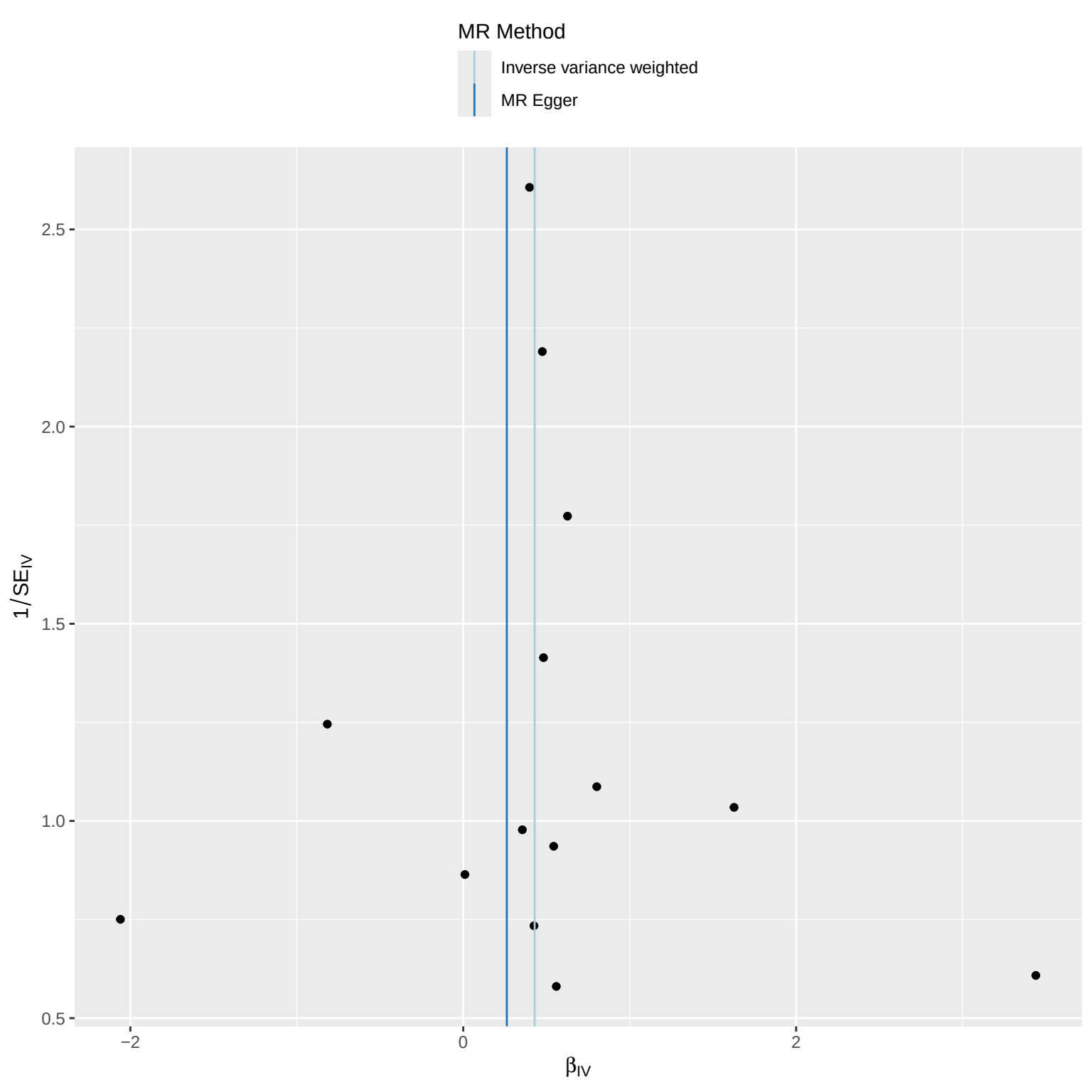

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

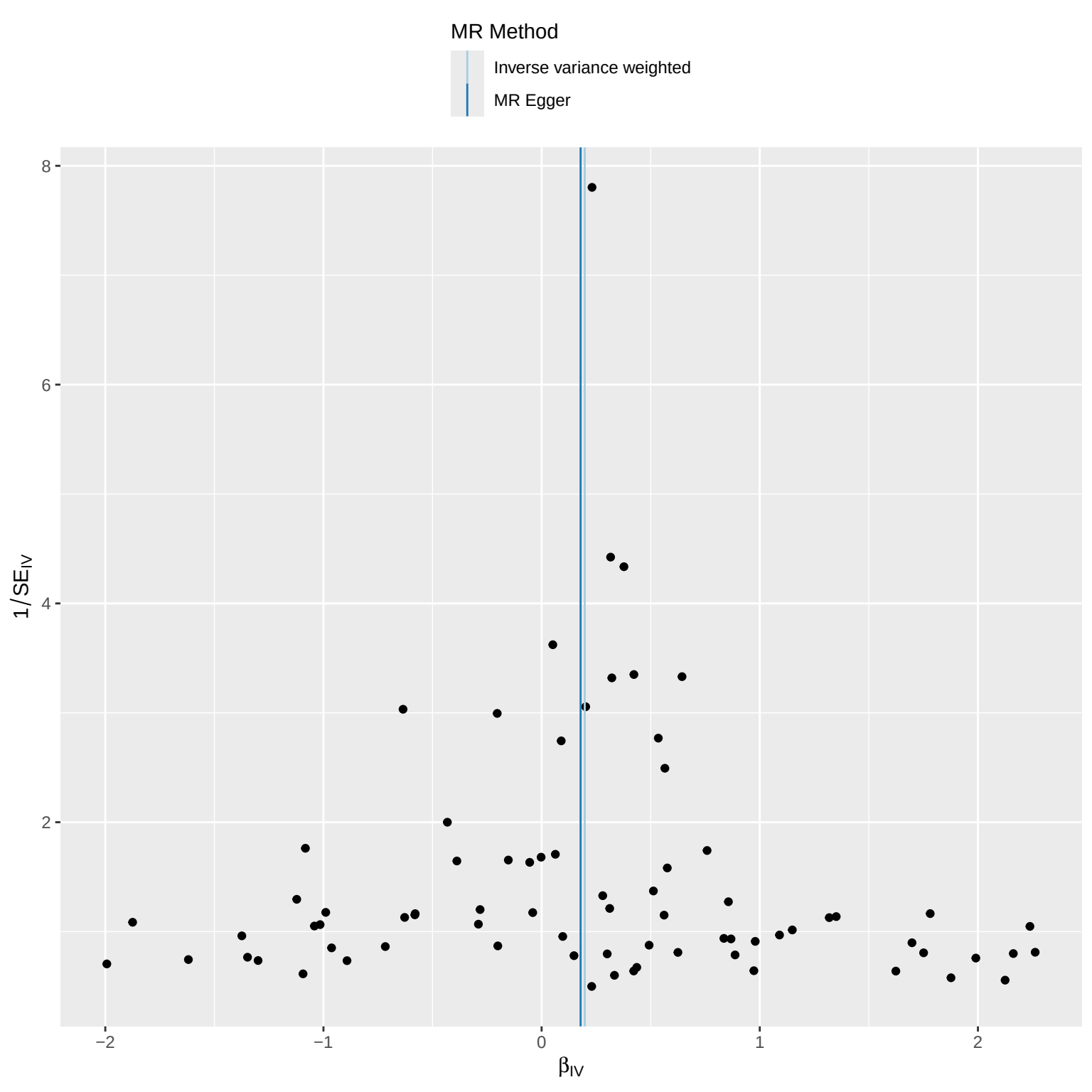

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
−4
−3
−2
−1
β_IV

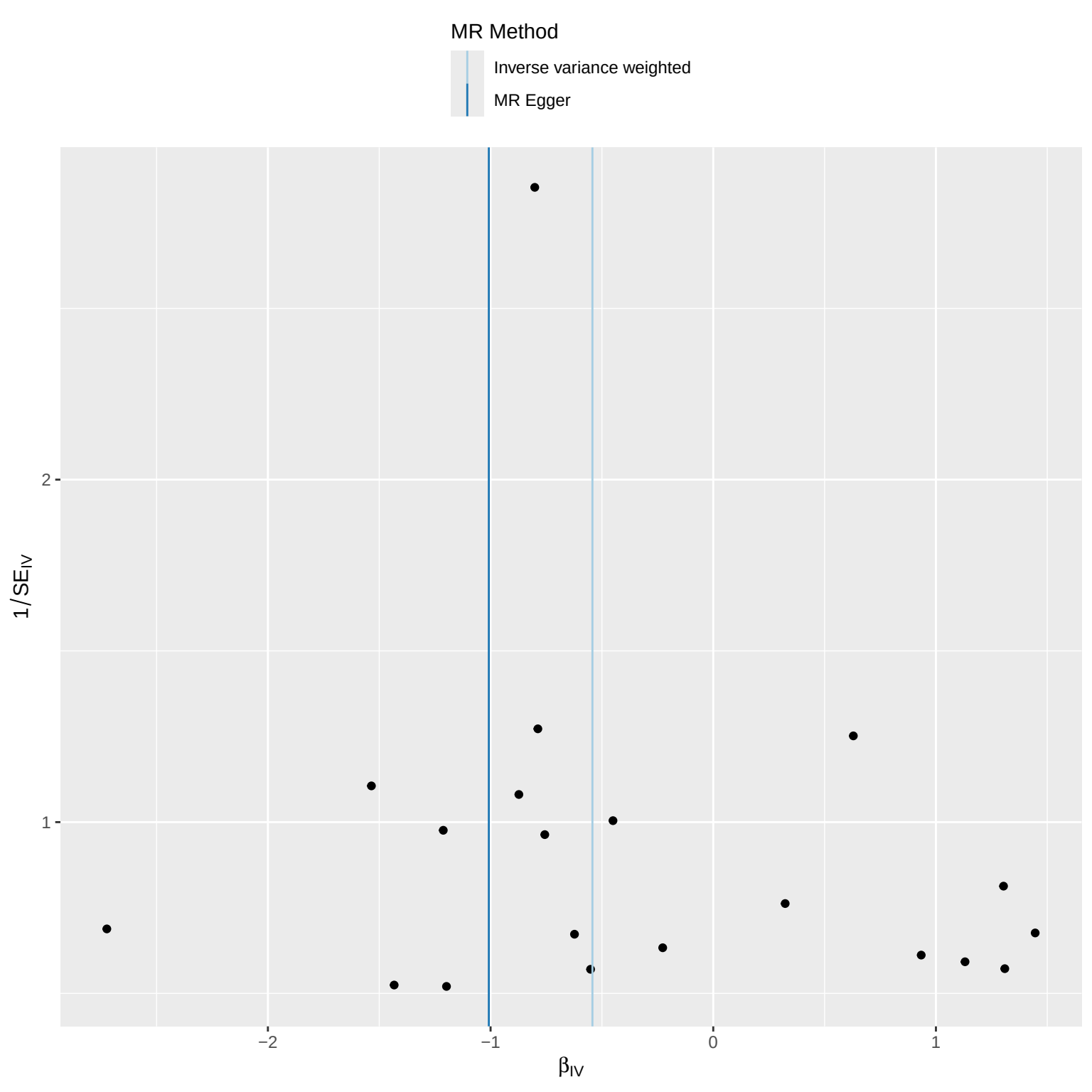

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

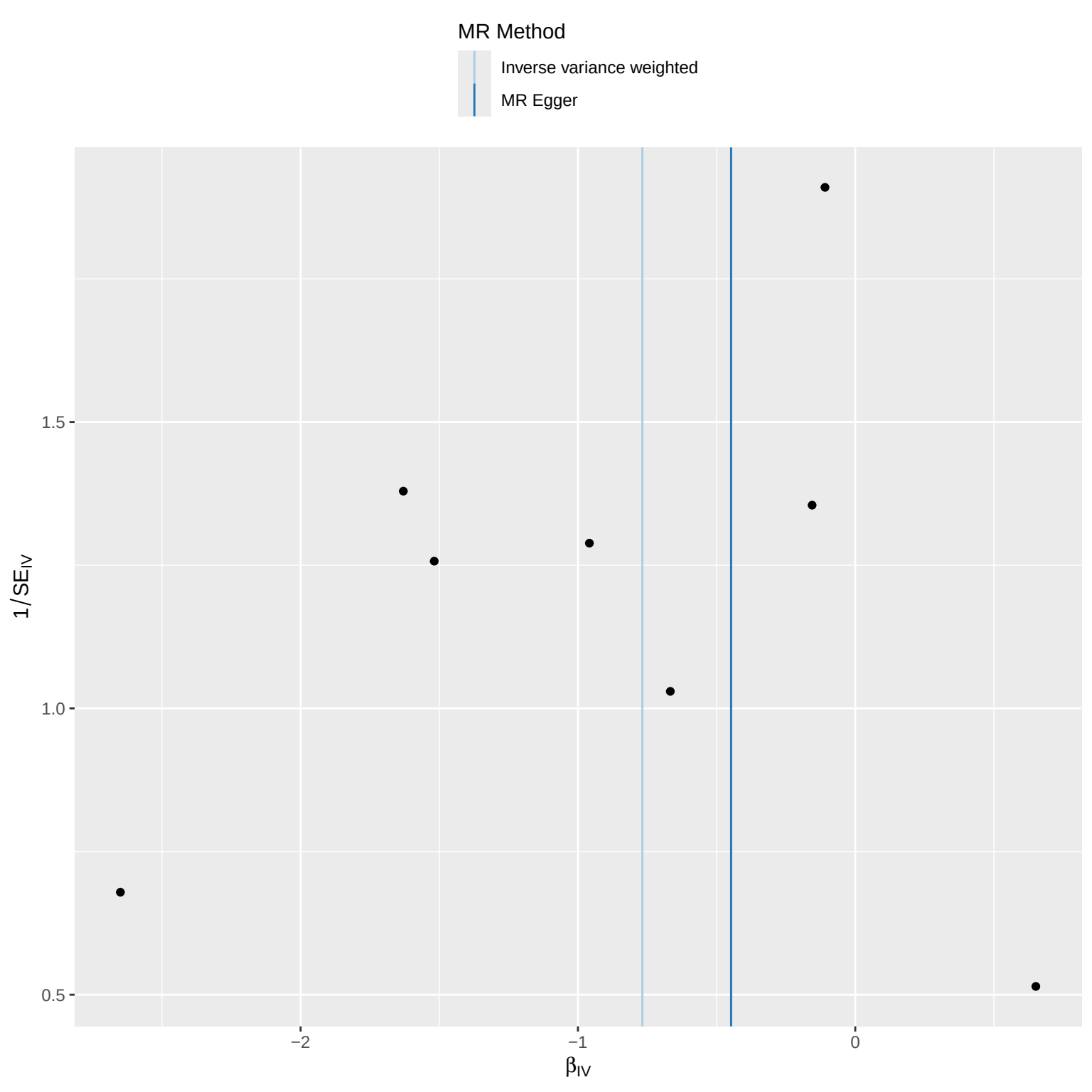

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

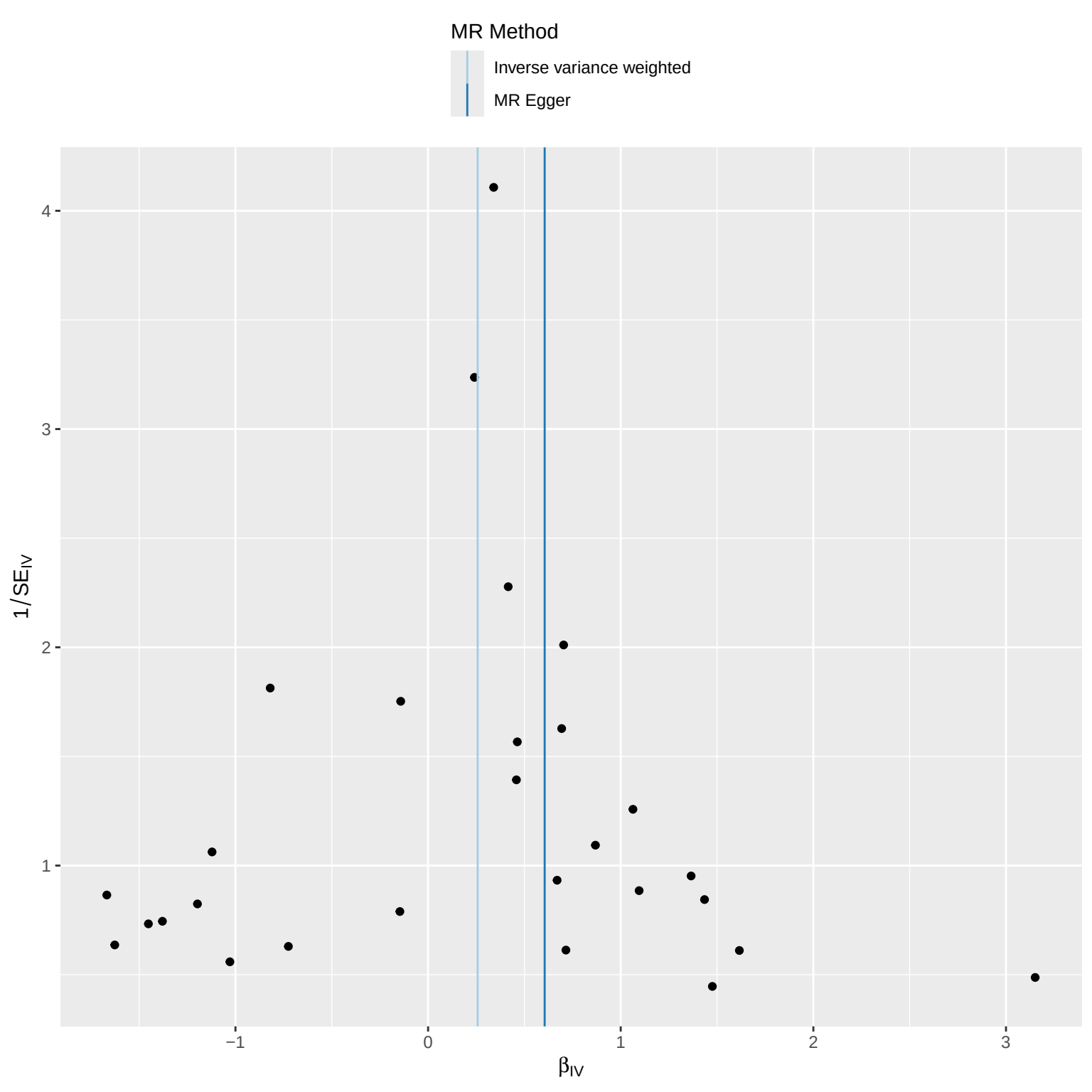

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

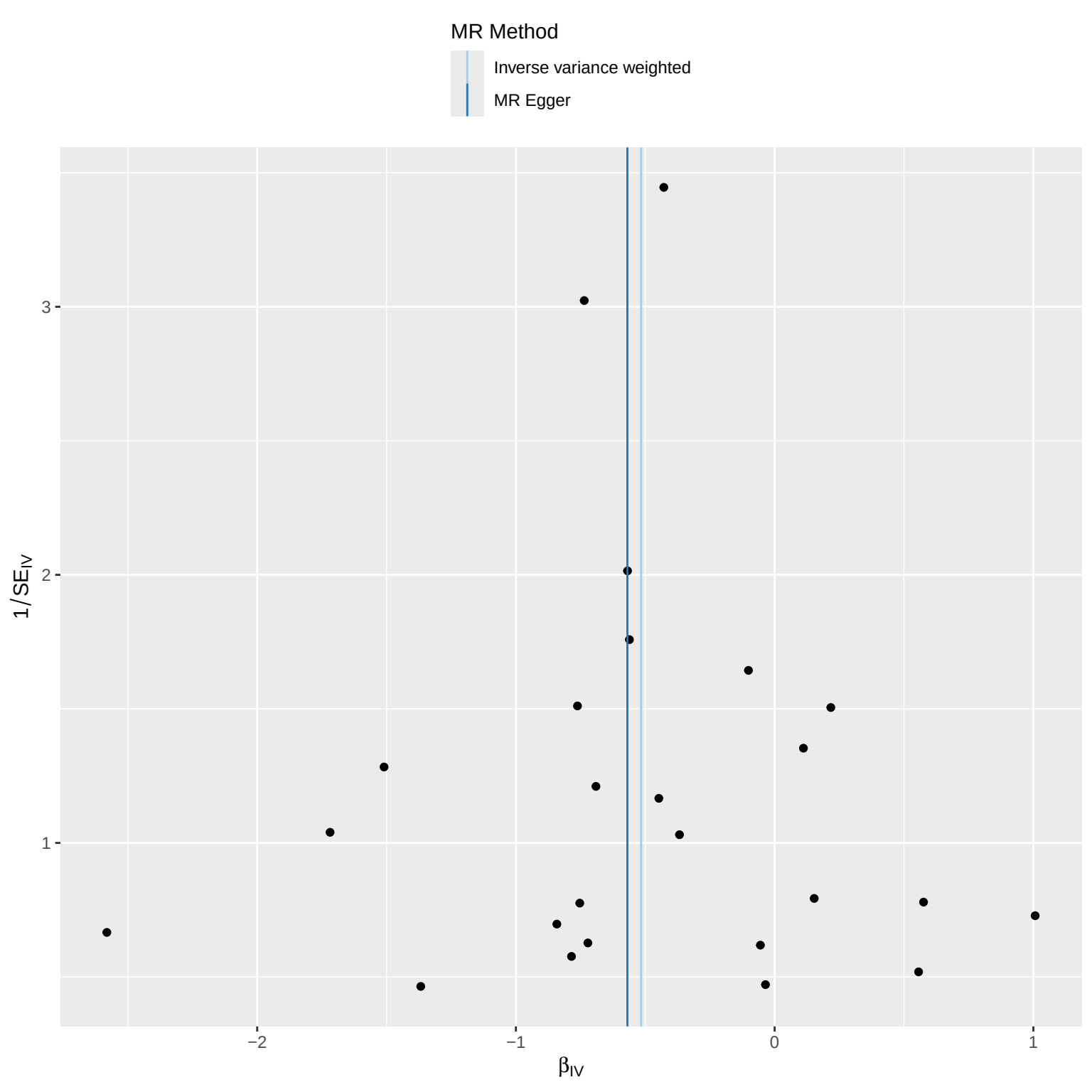

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

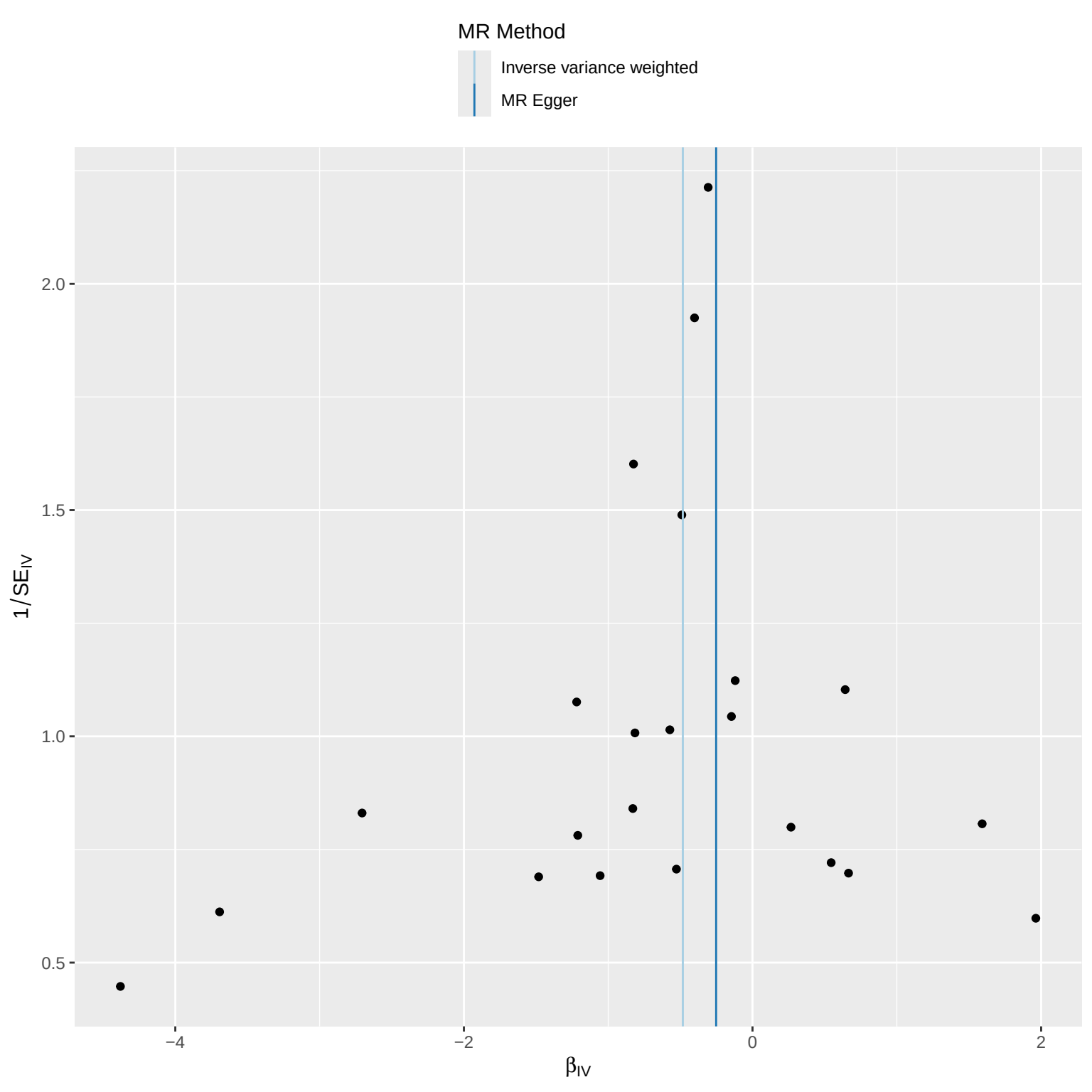

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

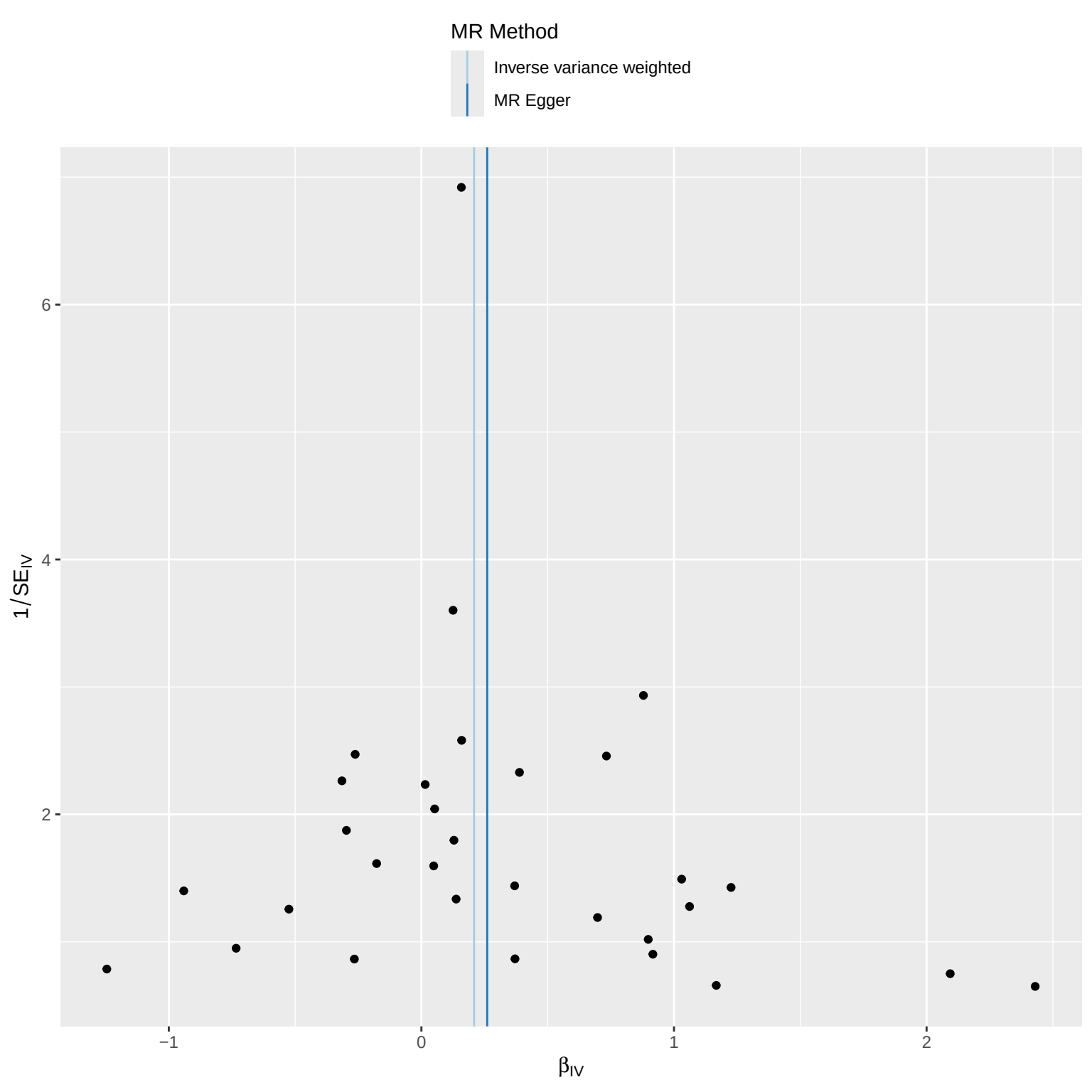

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
β_IV

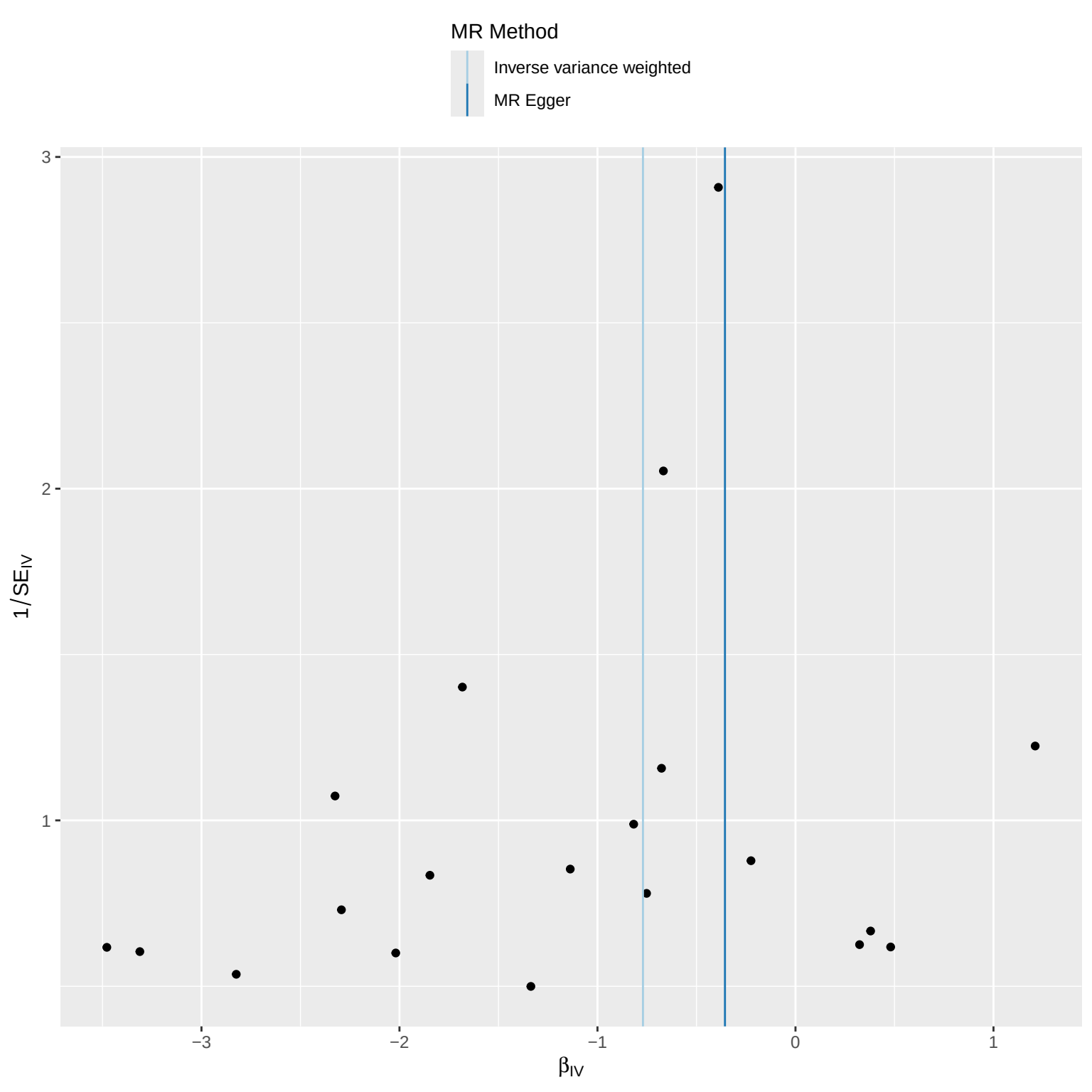

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

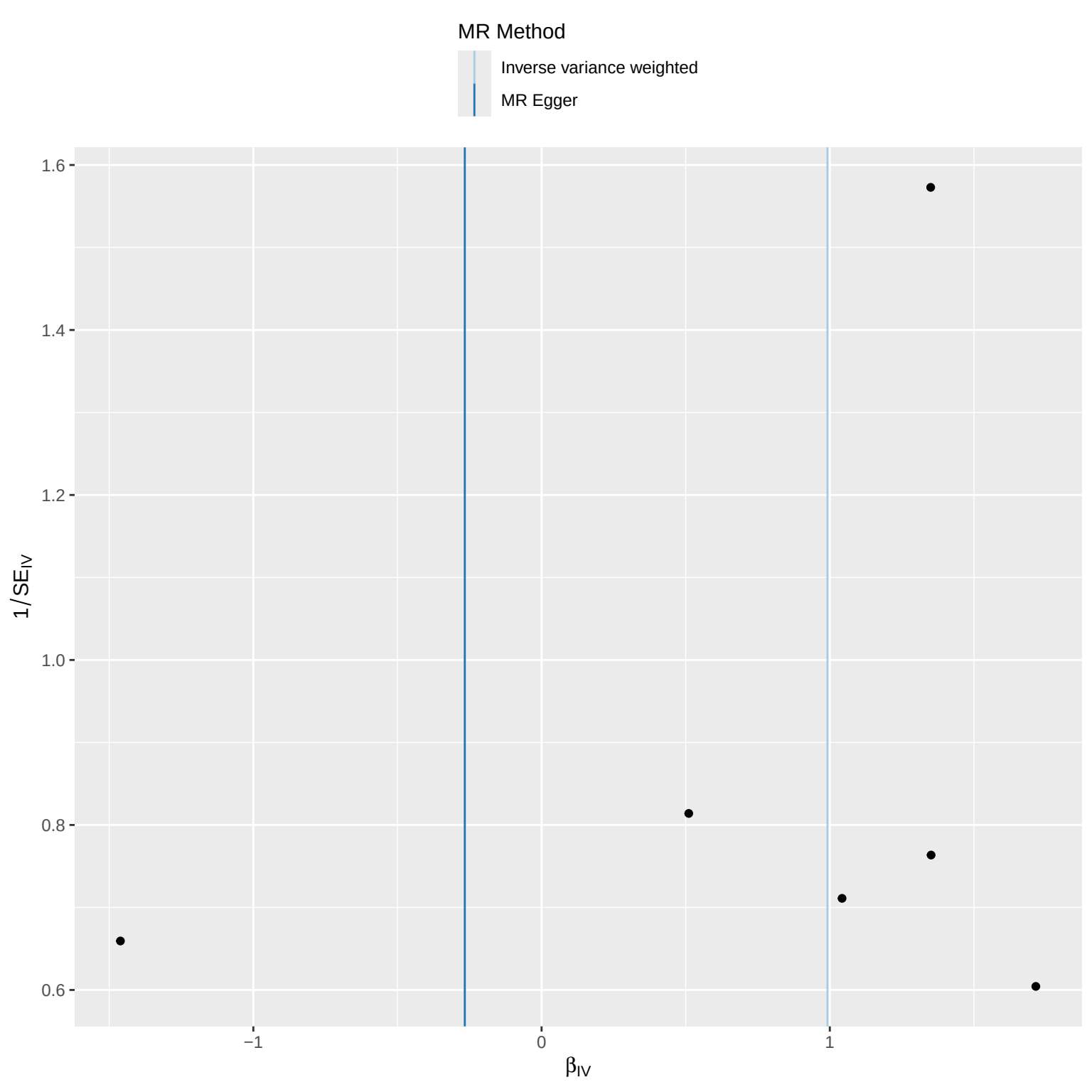

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

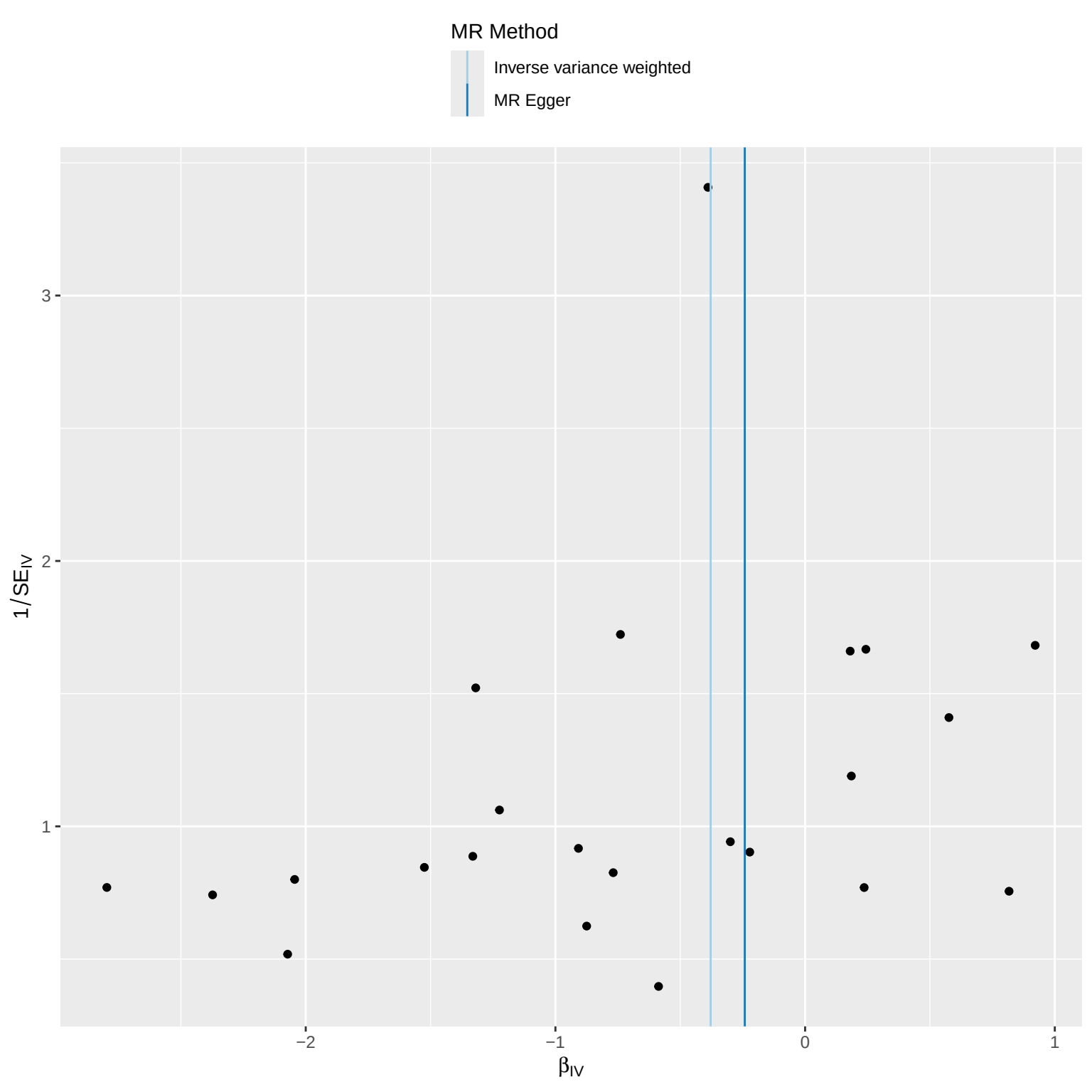

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

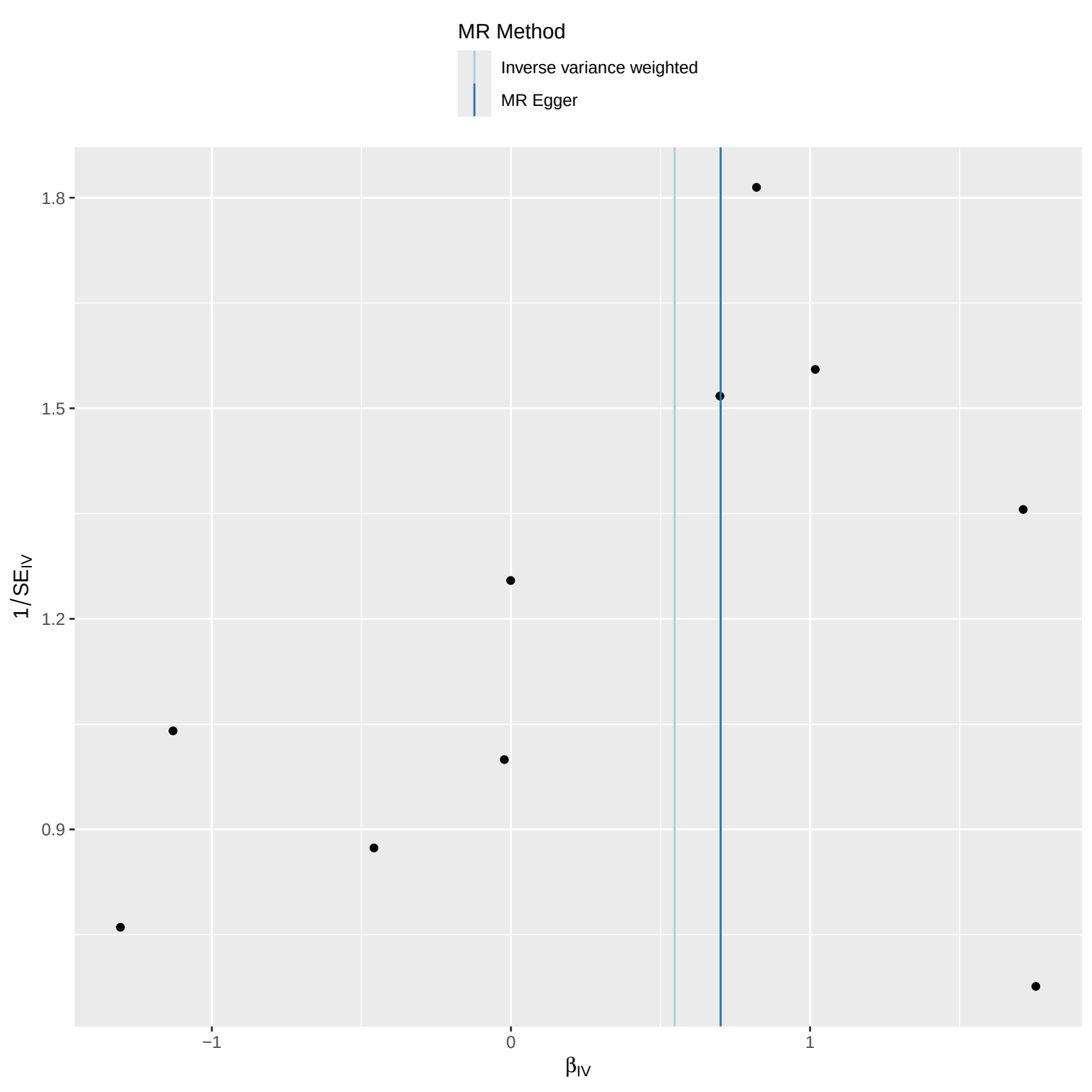

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−4
−2
0
2
β_IV

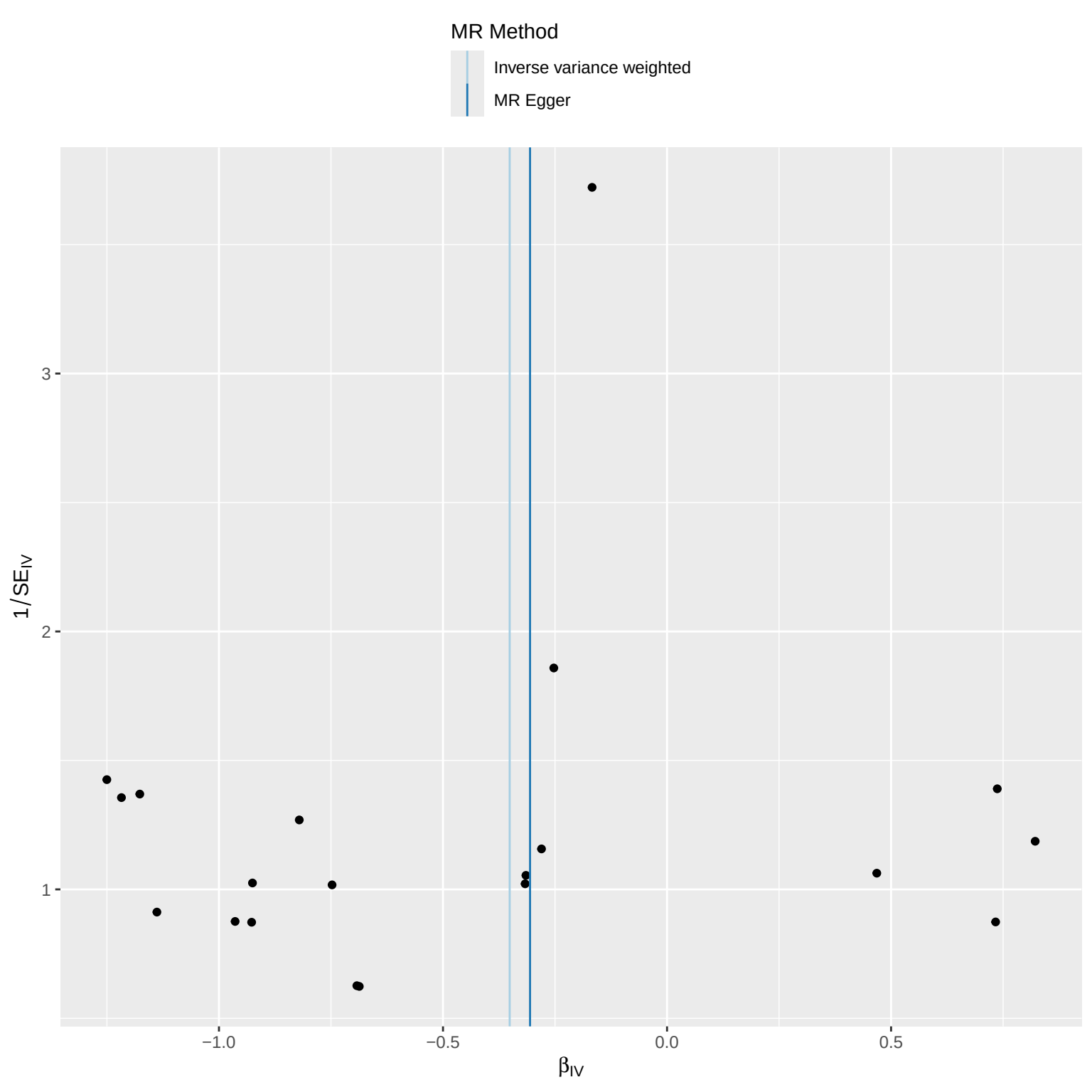

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

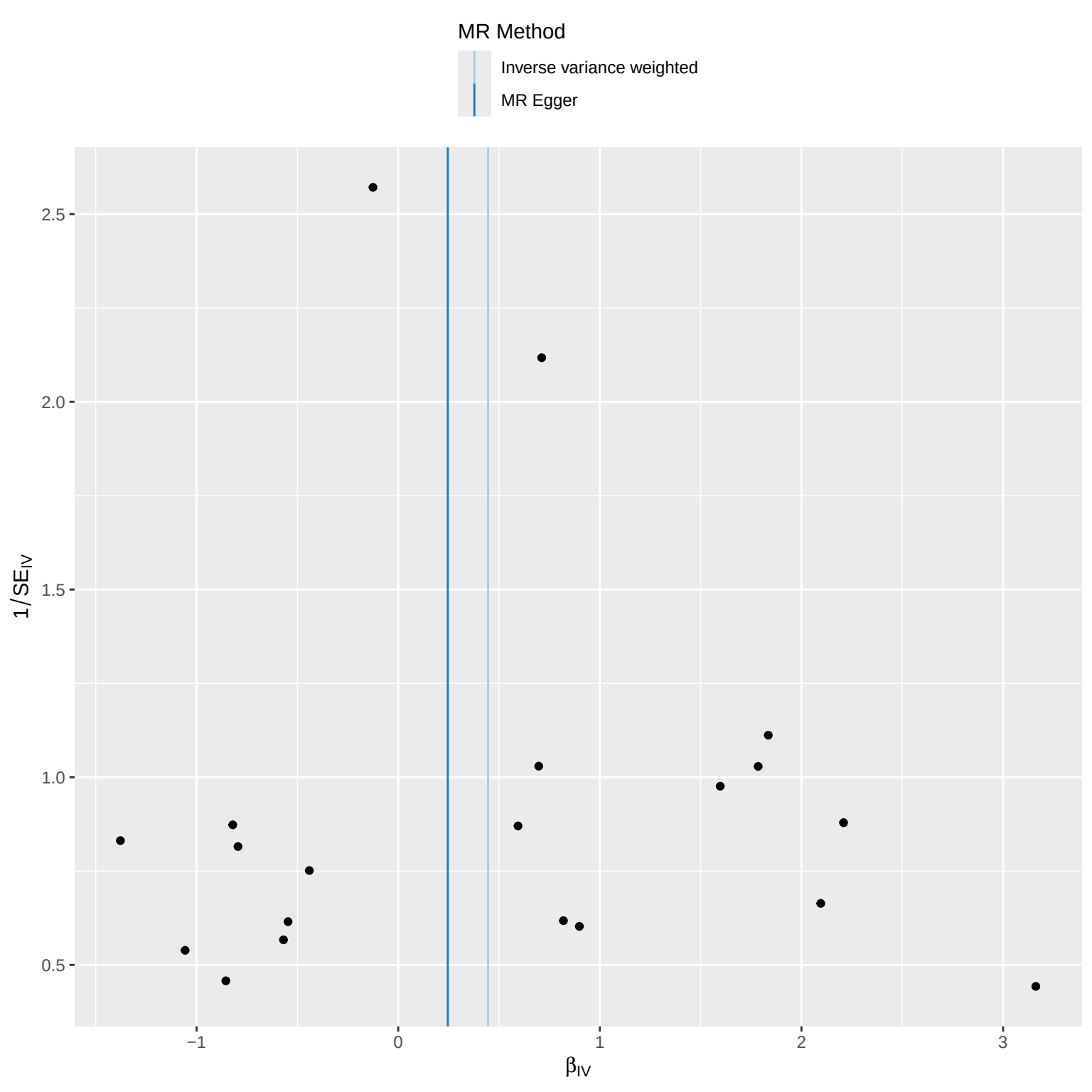

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

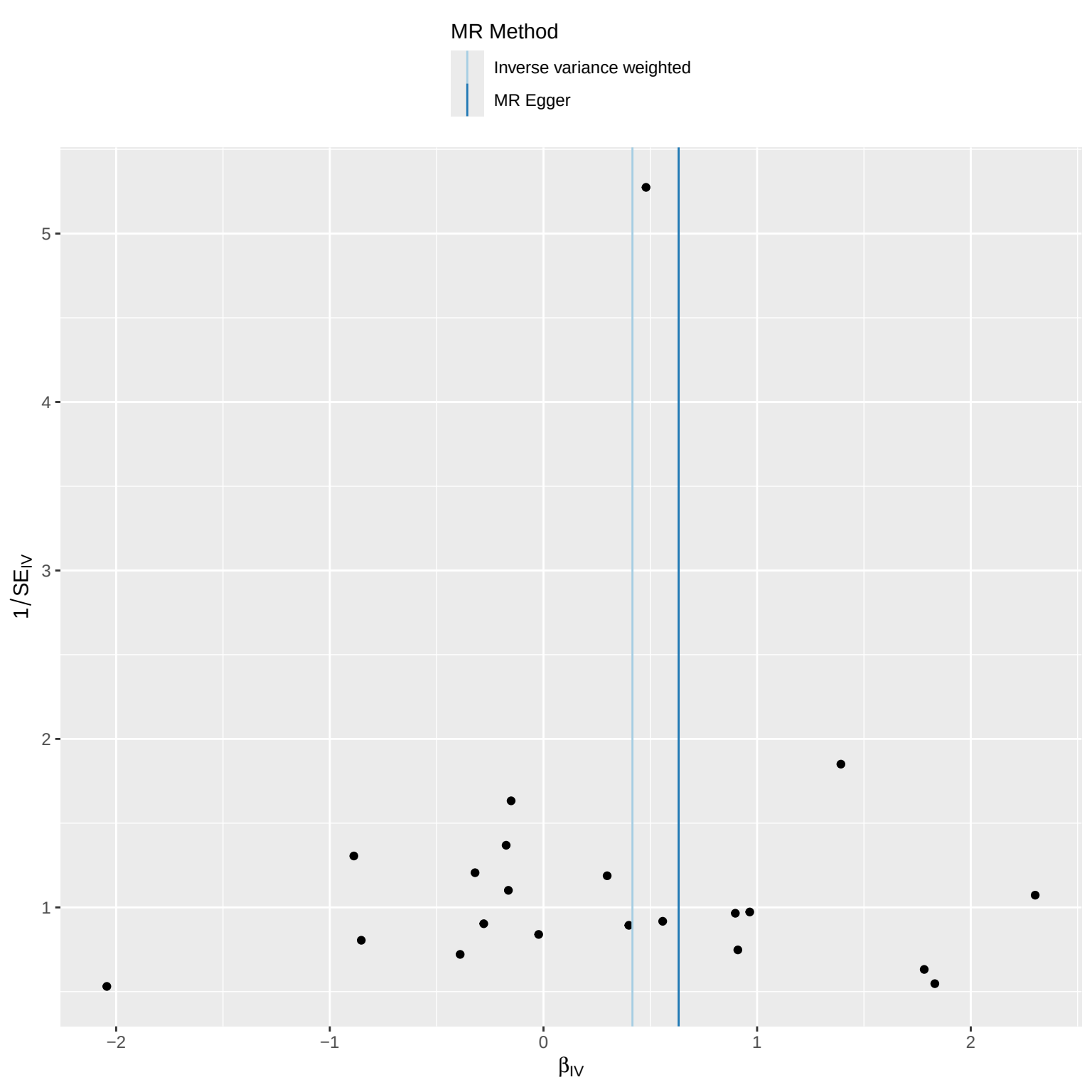

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−1
0
1
β_IV

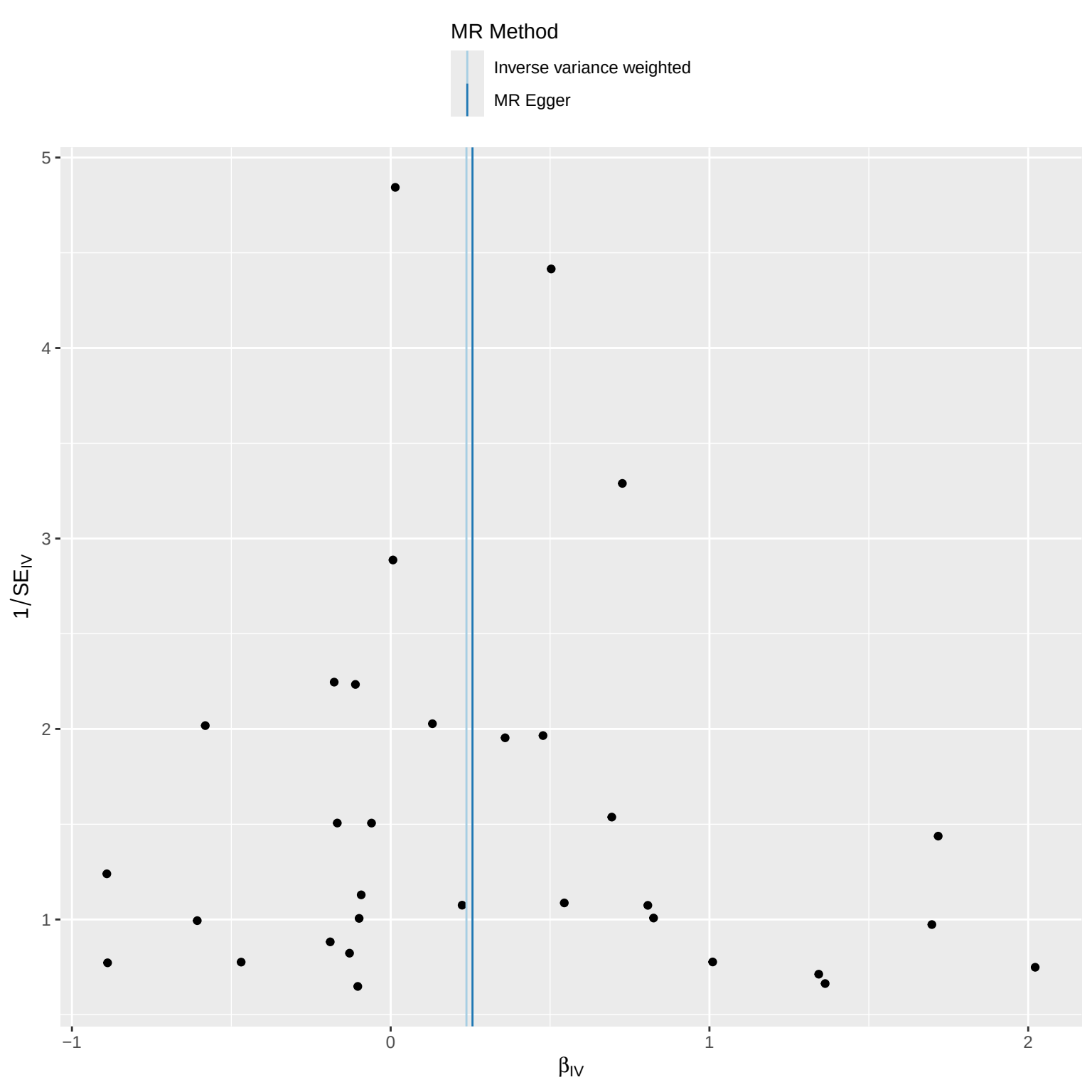

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

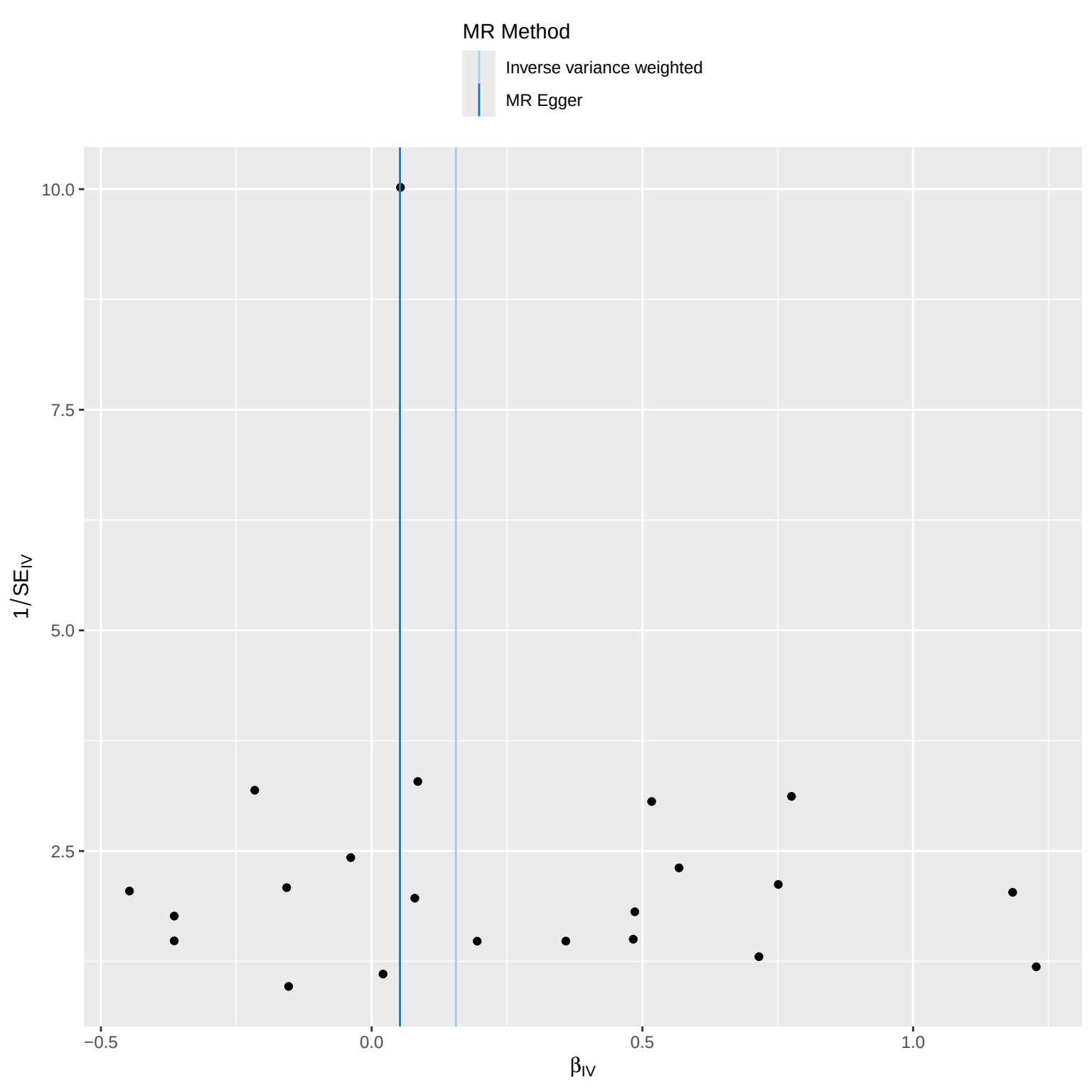

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
1/SE_IV
−1
0
1
β_IV

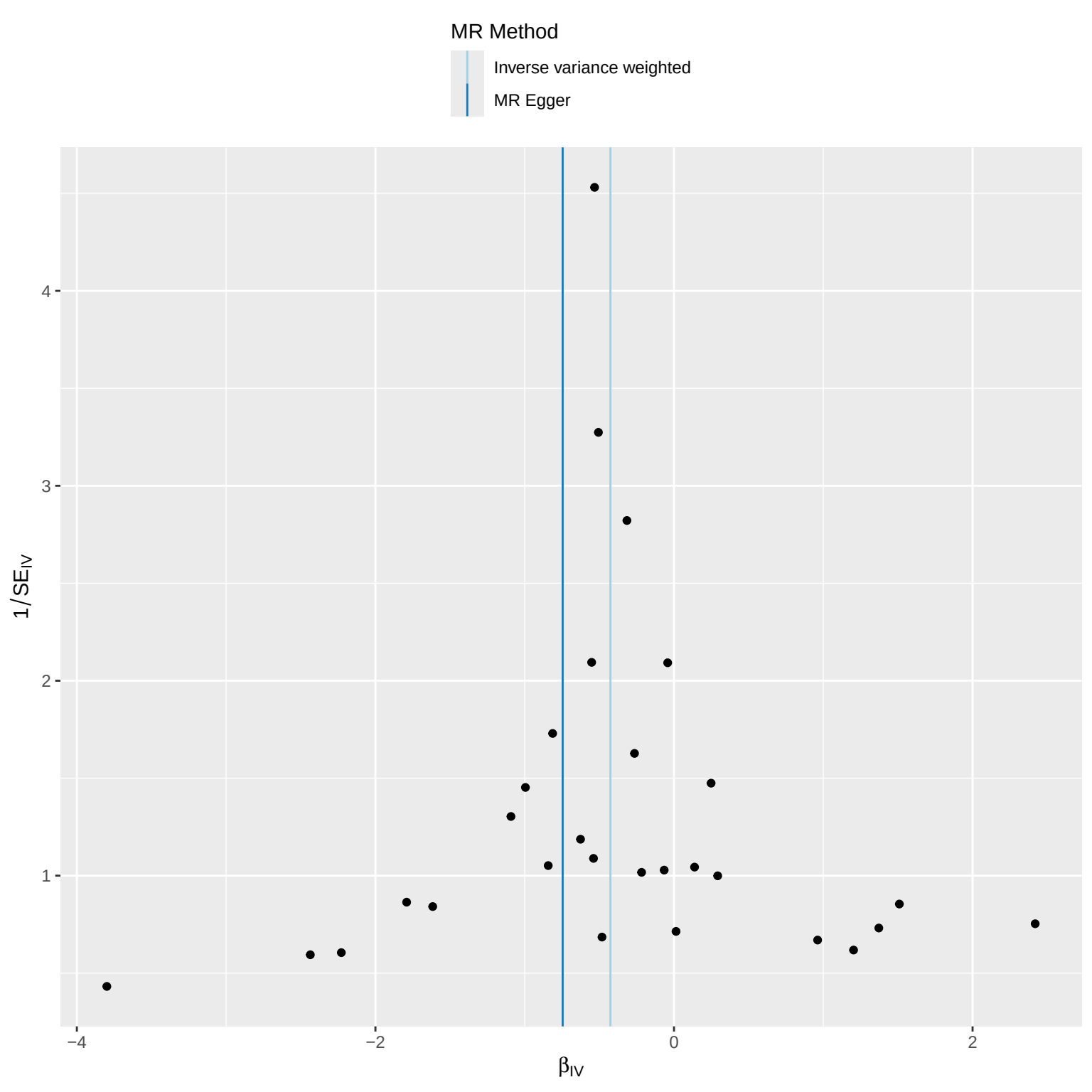

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

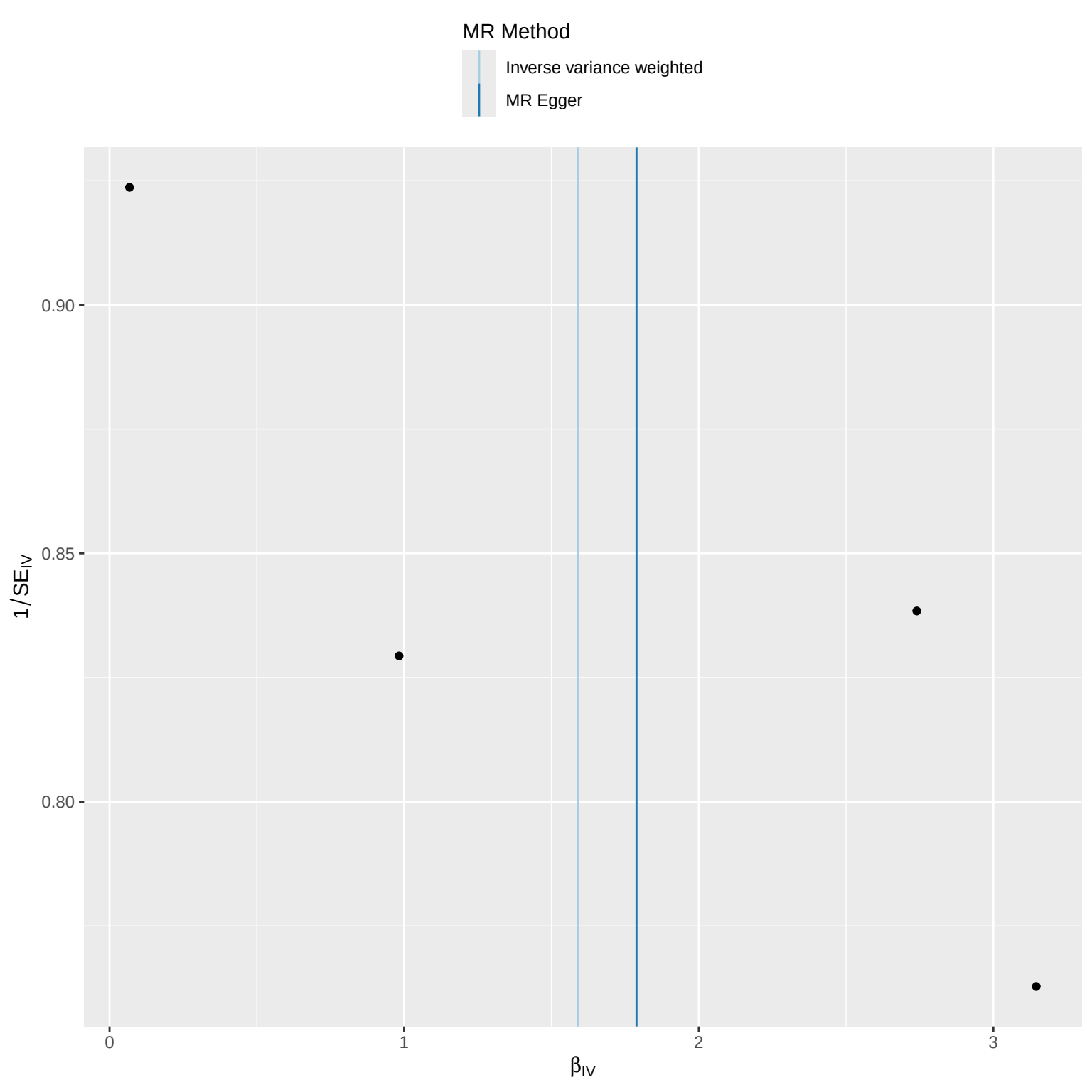

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

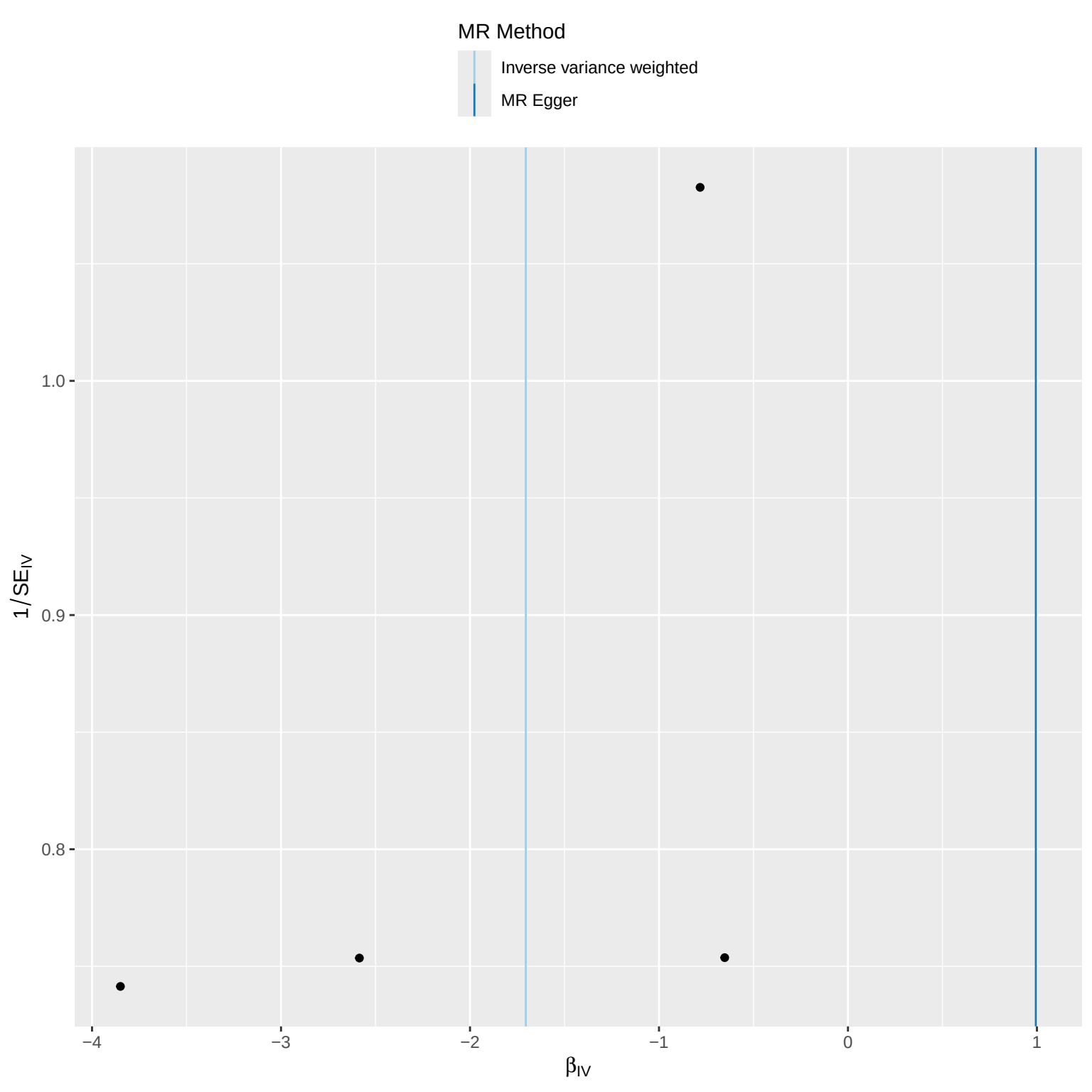

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

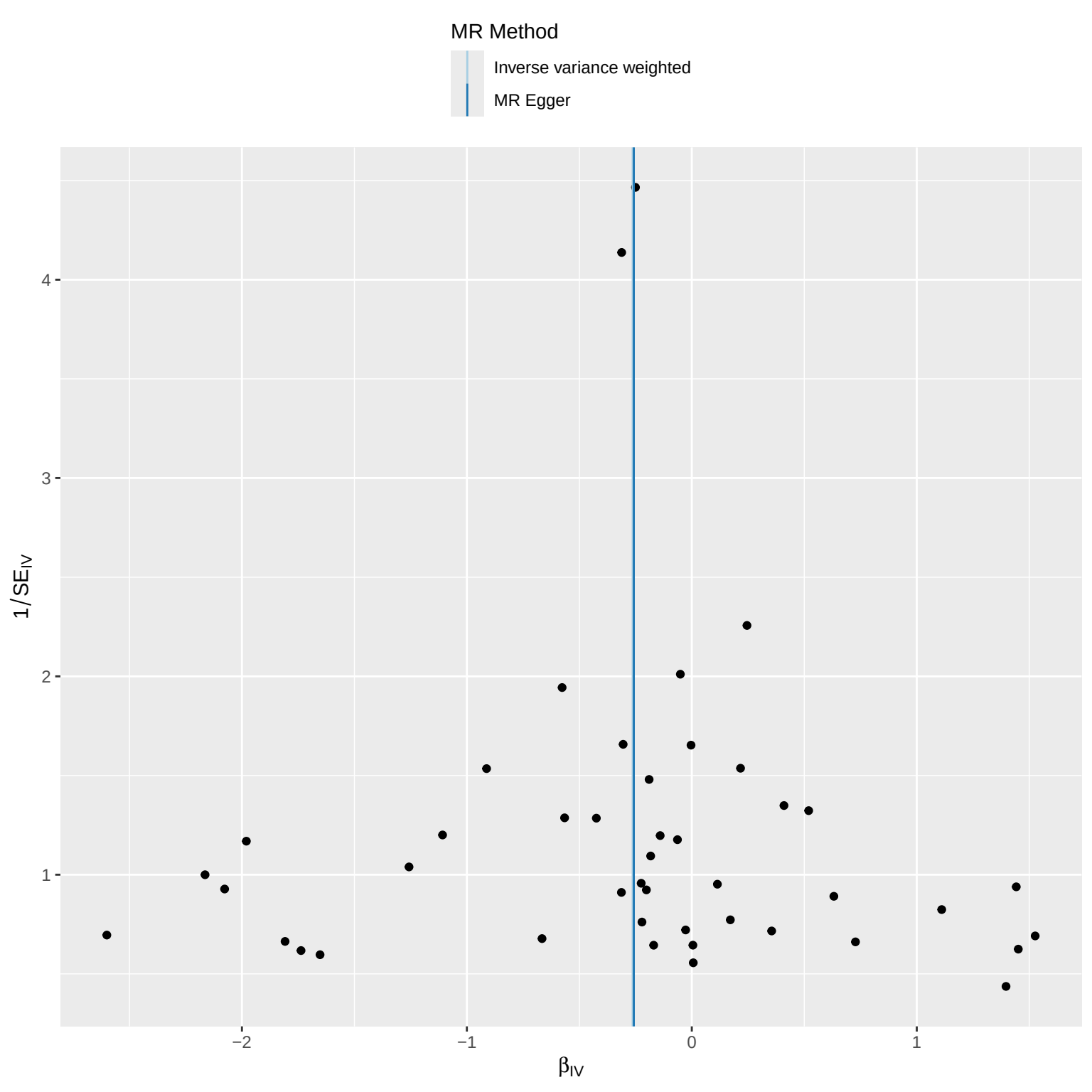

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

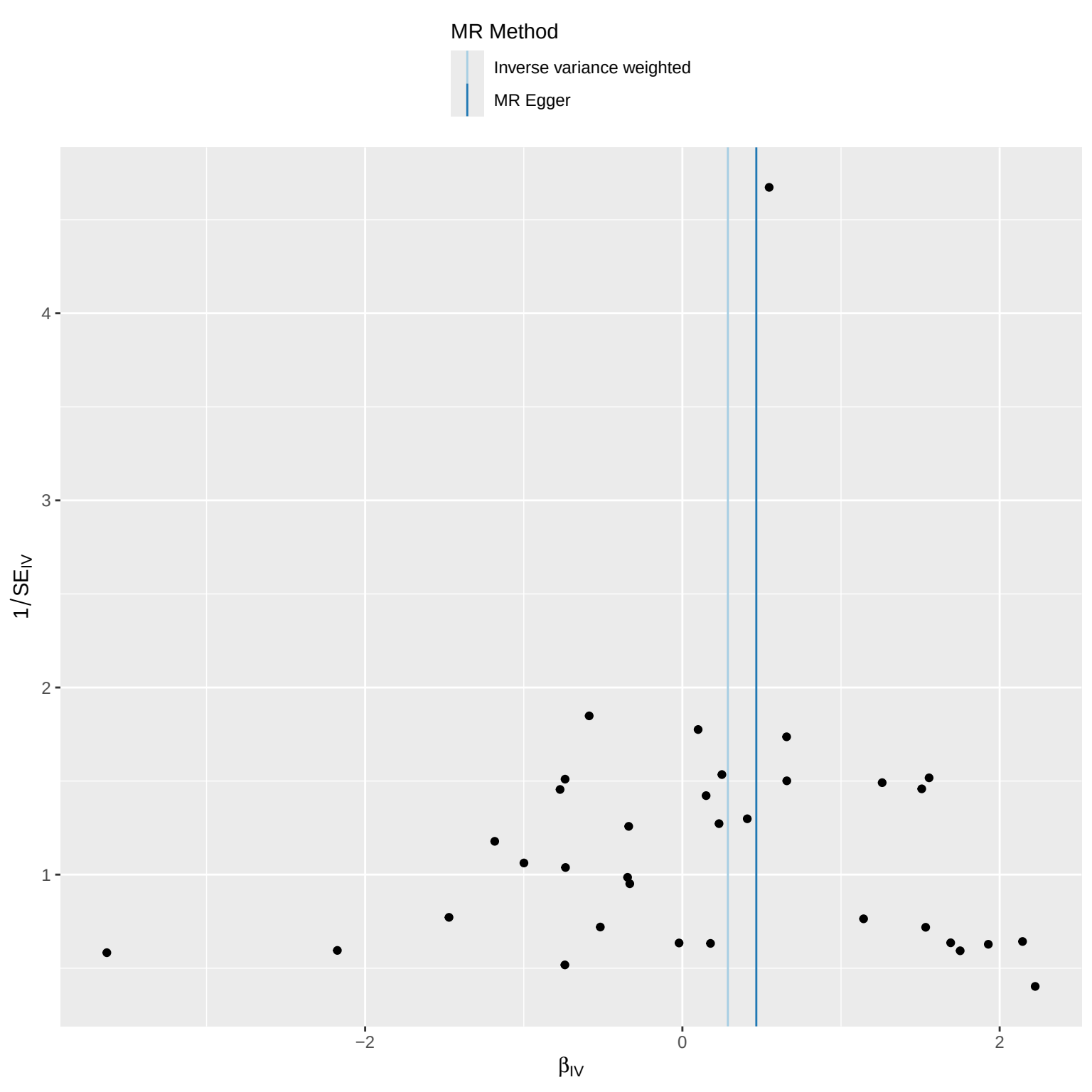

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

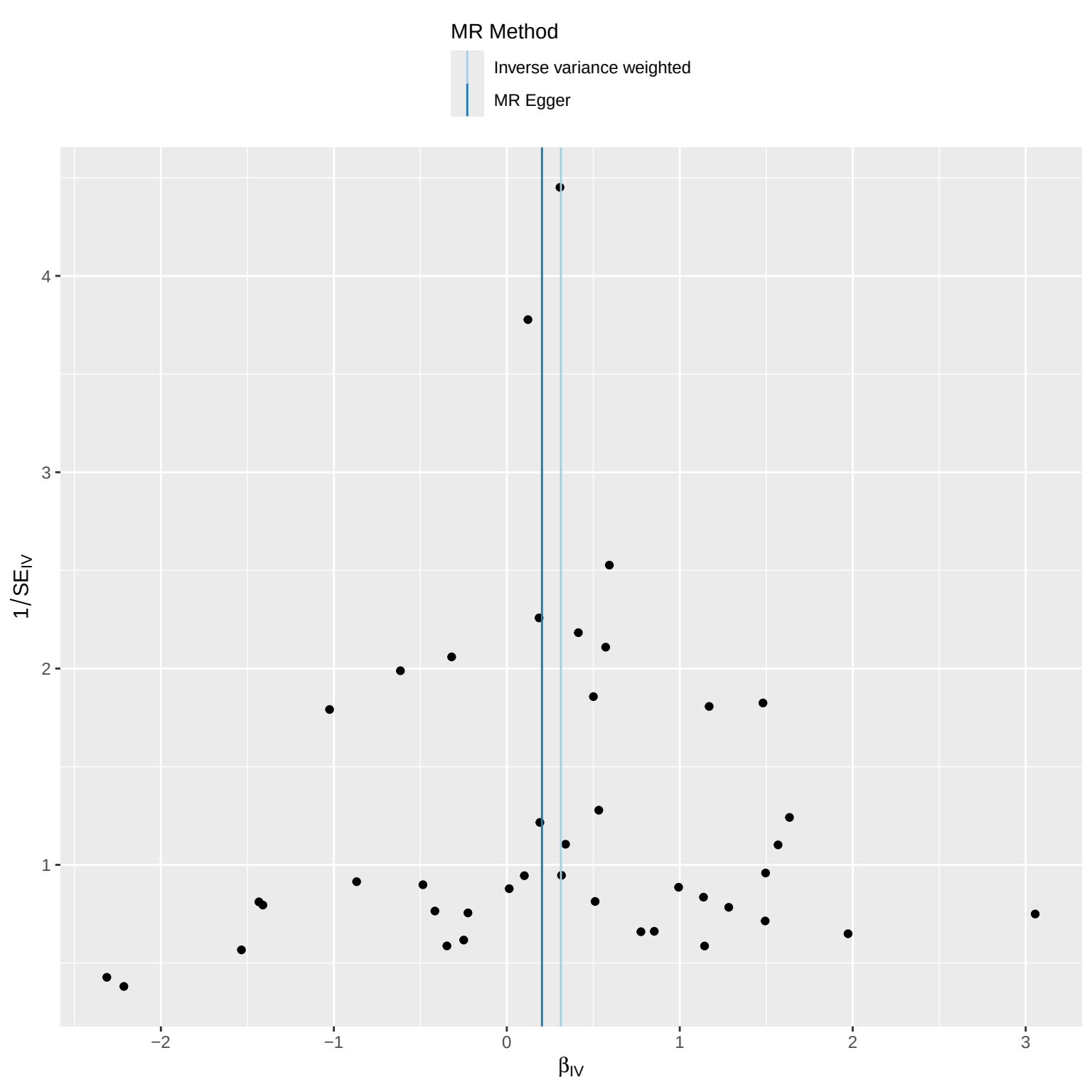

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

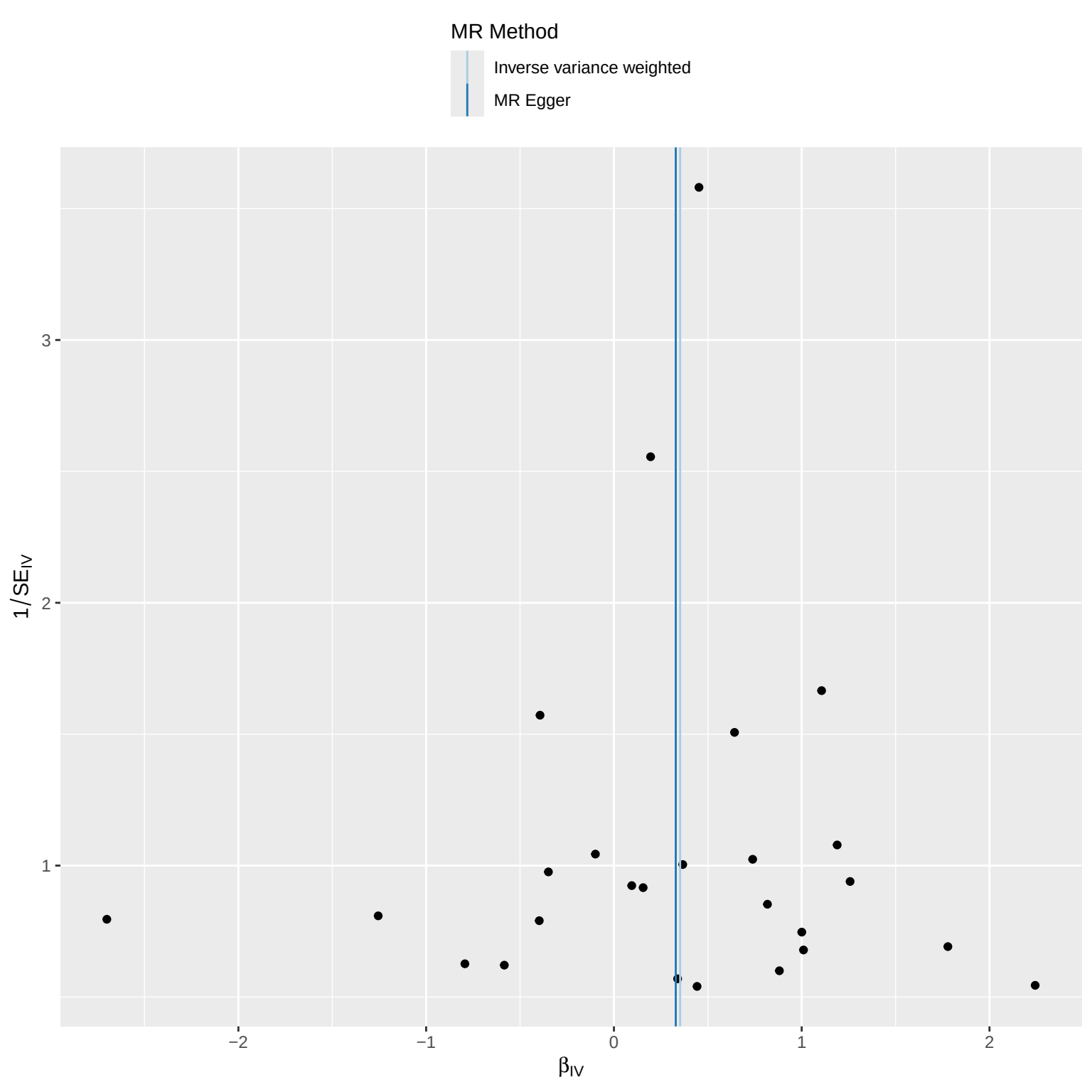

MR Method
Inverse variance weighted
MR Egger
0.90
0.85
0.80
1/SE_IV
0
1
2
3
β_IV

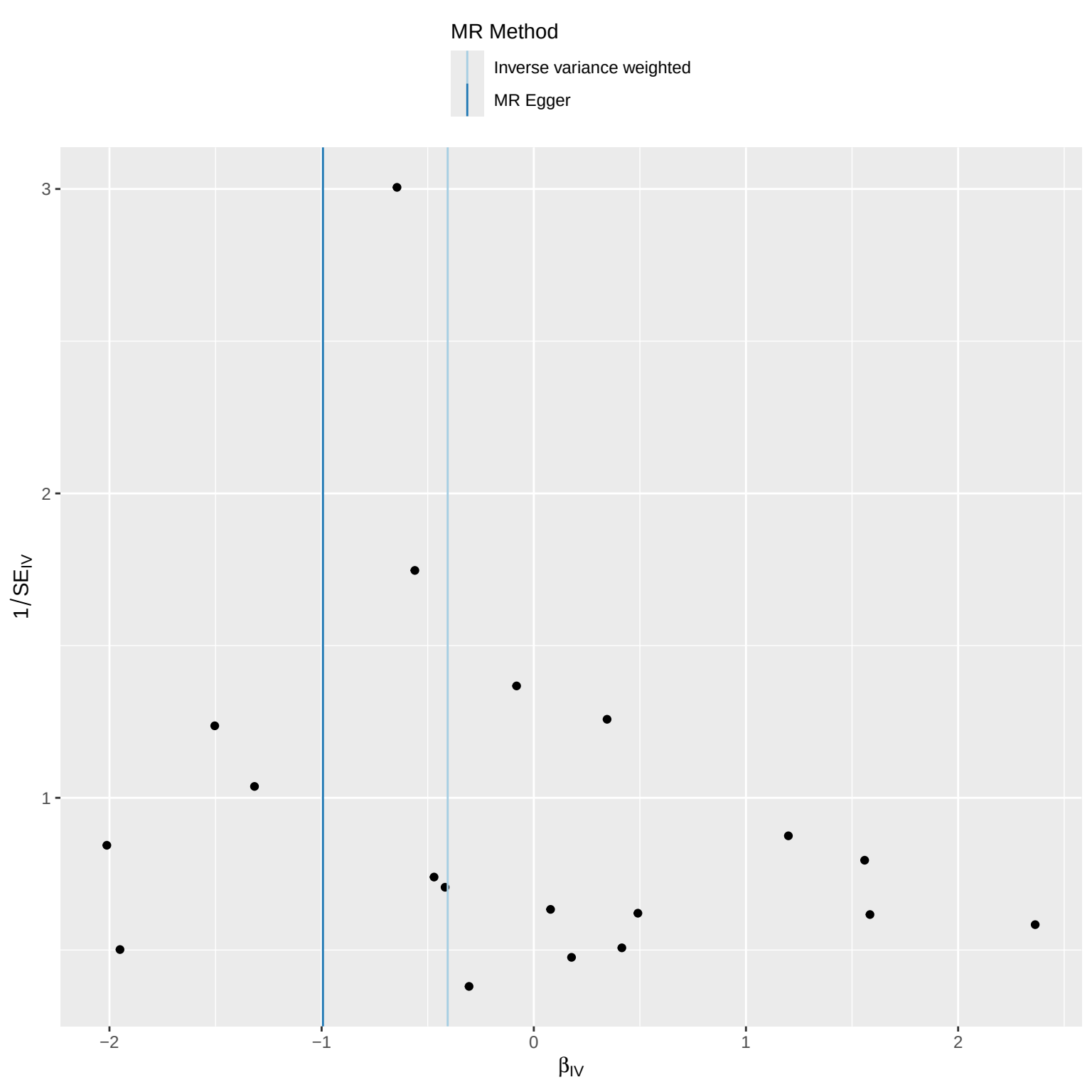

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

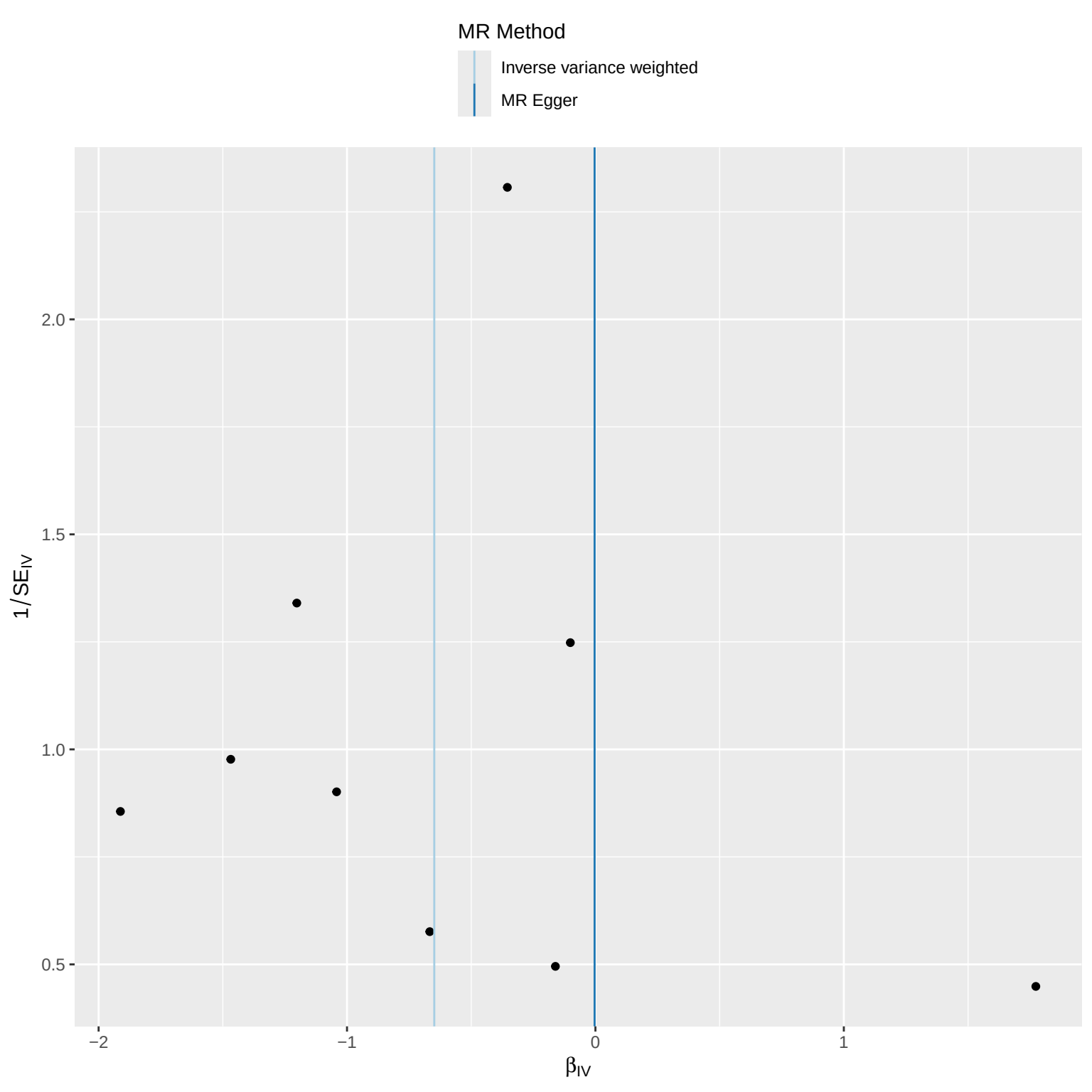

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

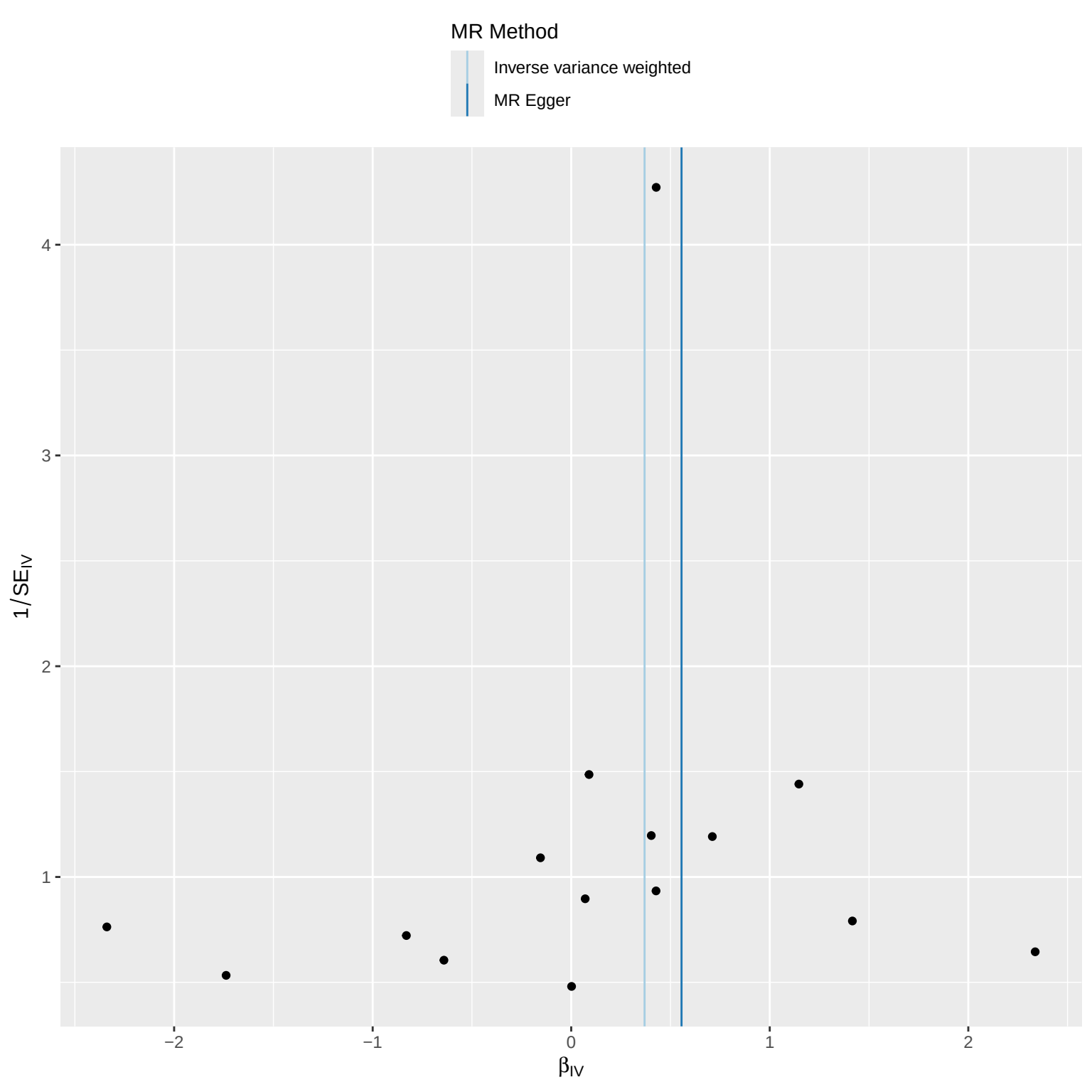

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

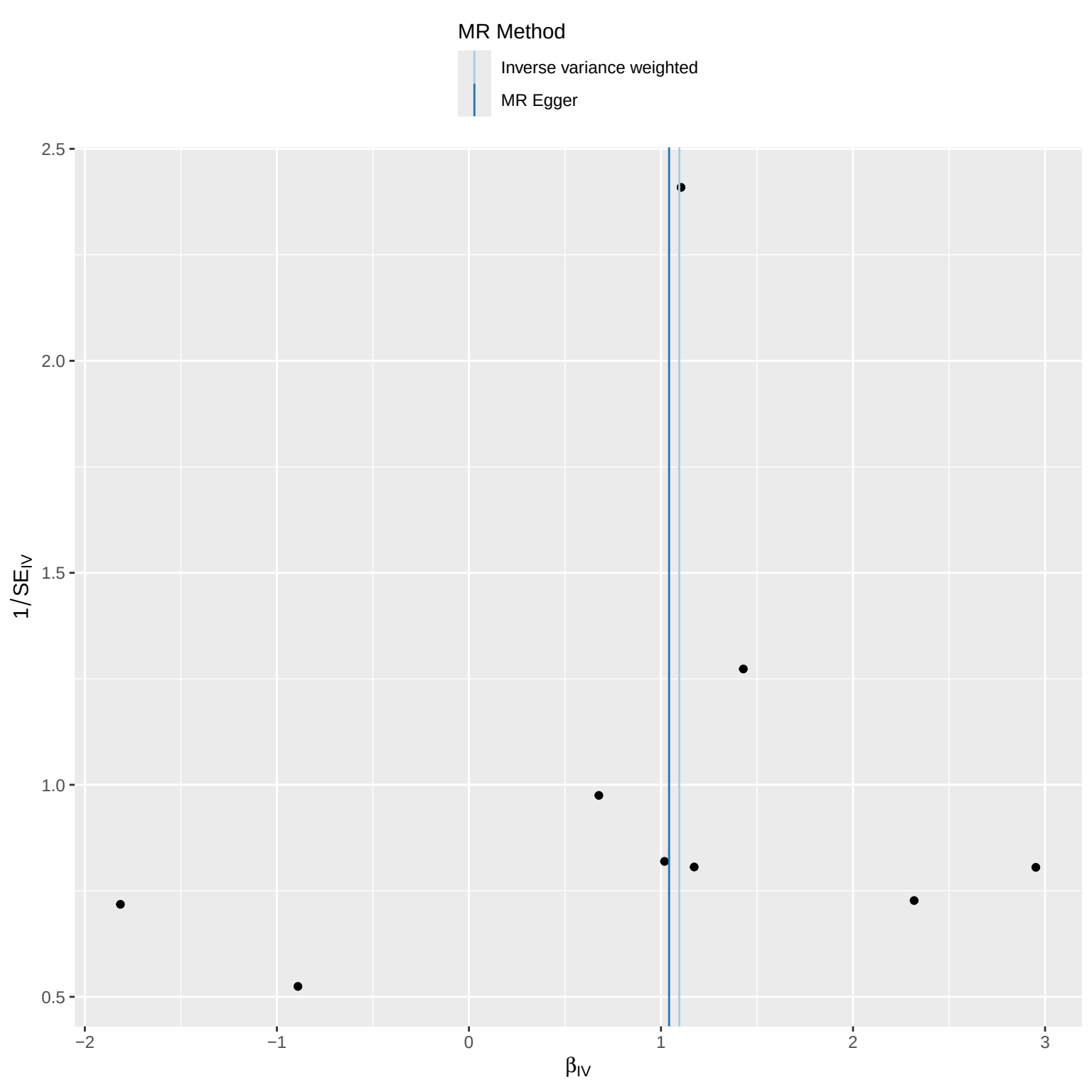

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

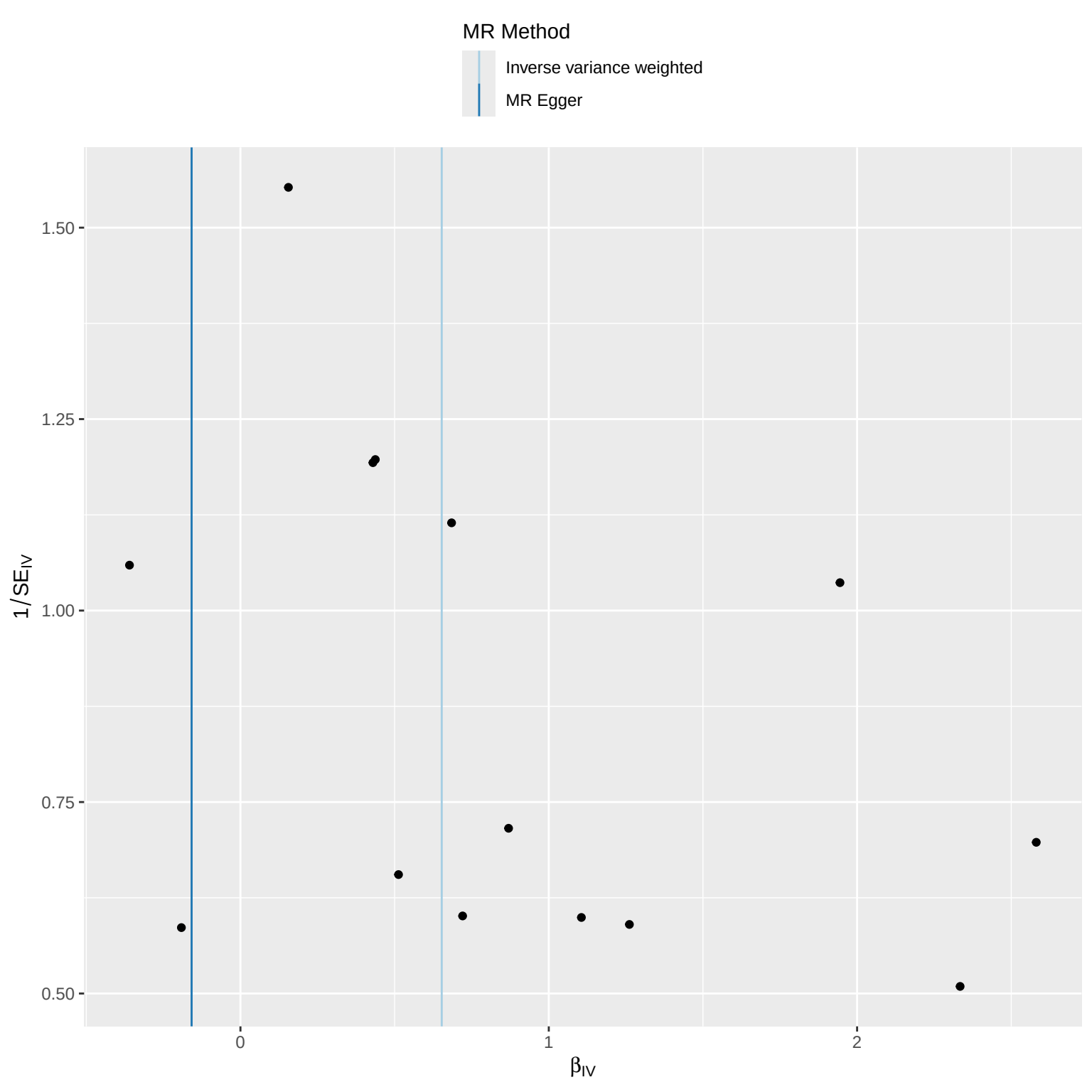

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

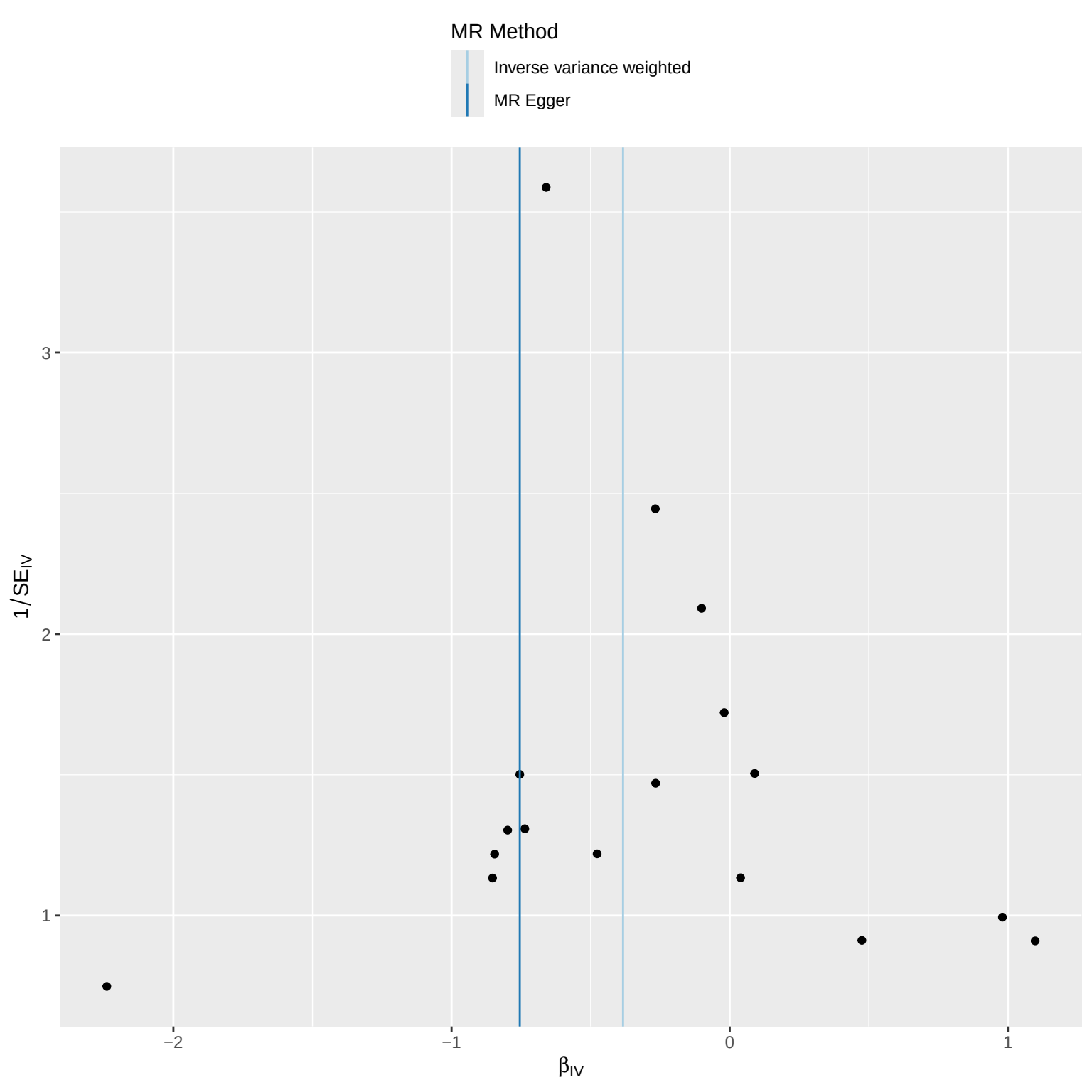

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

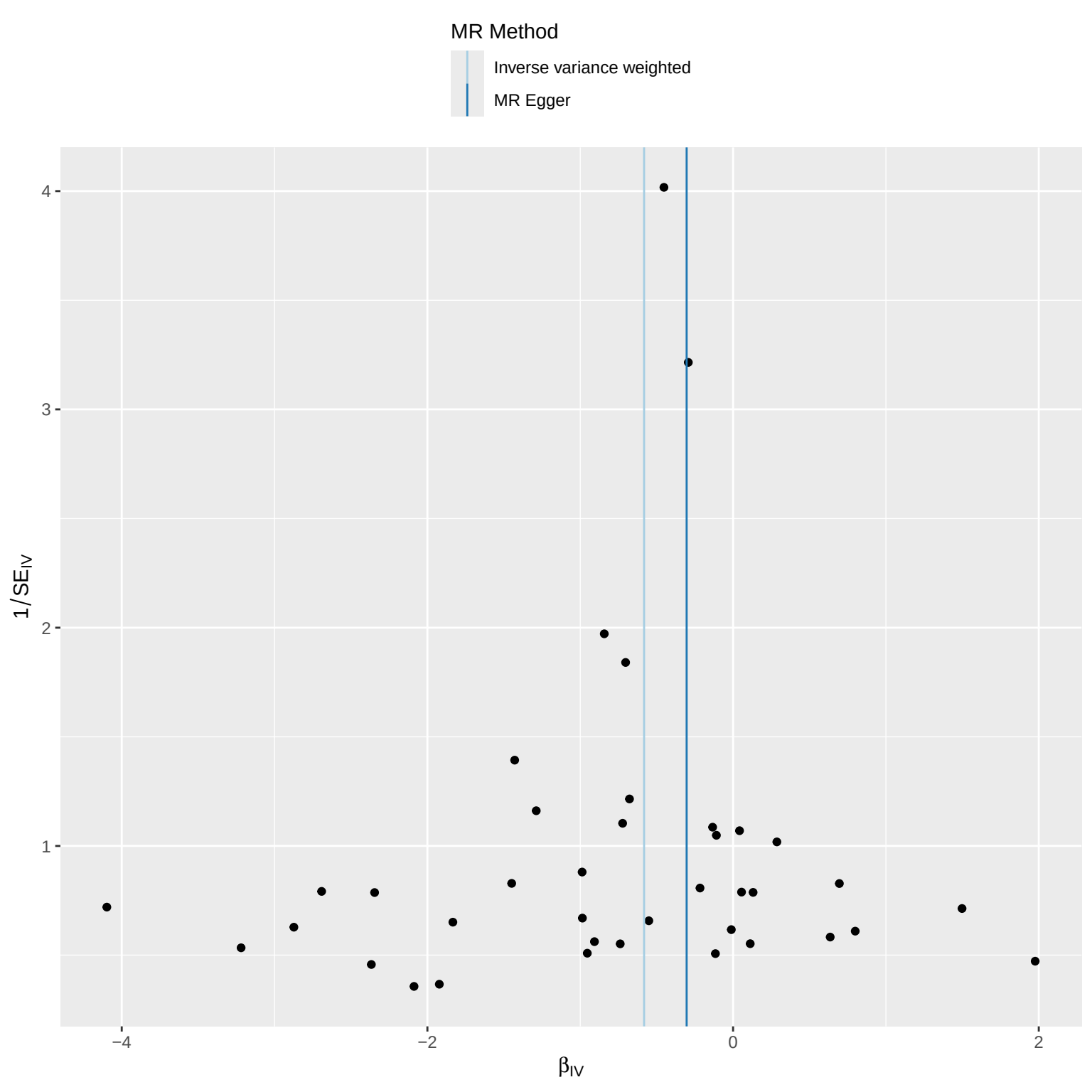

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

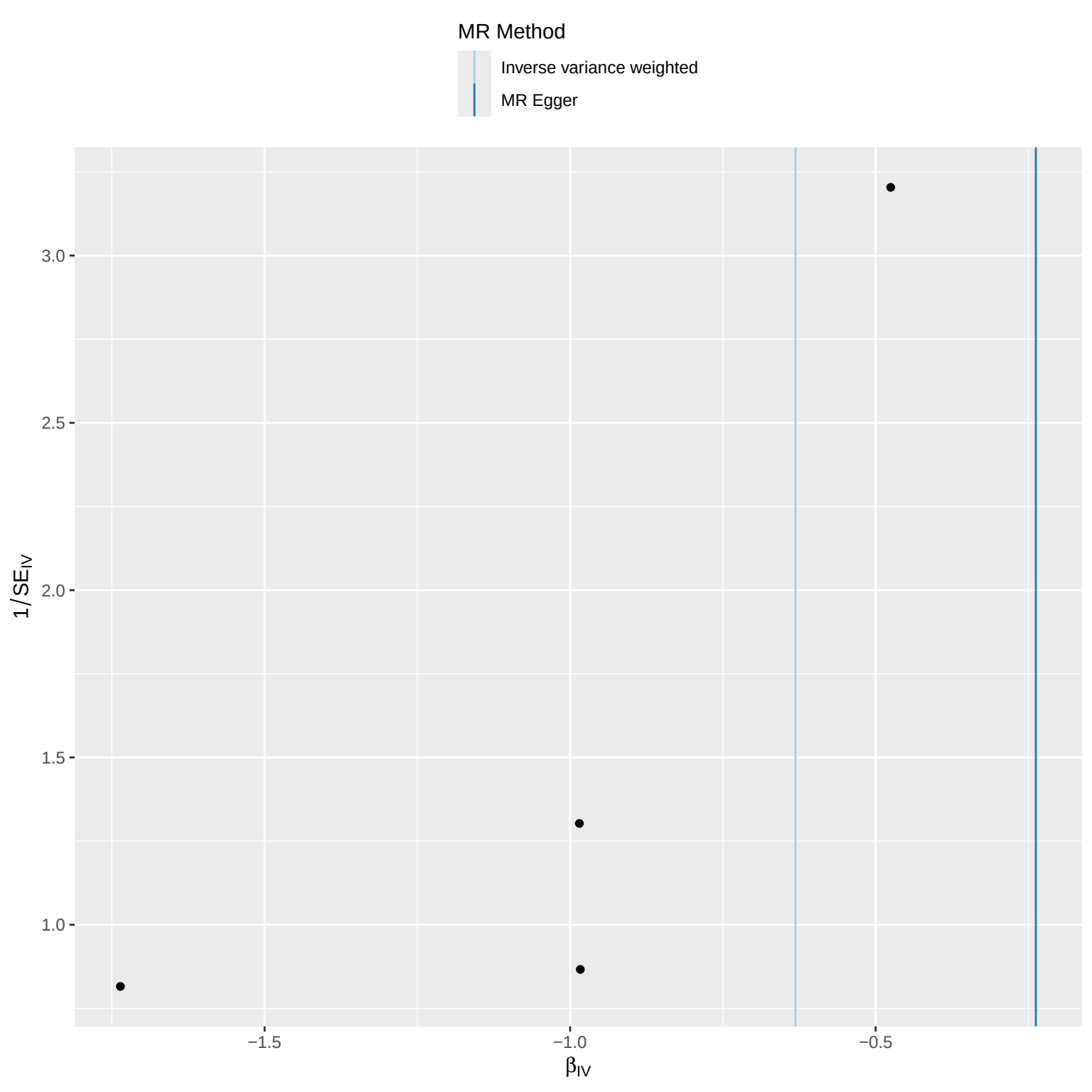

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

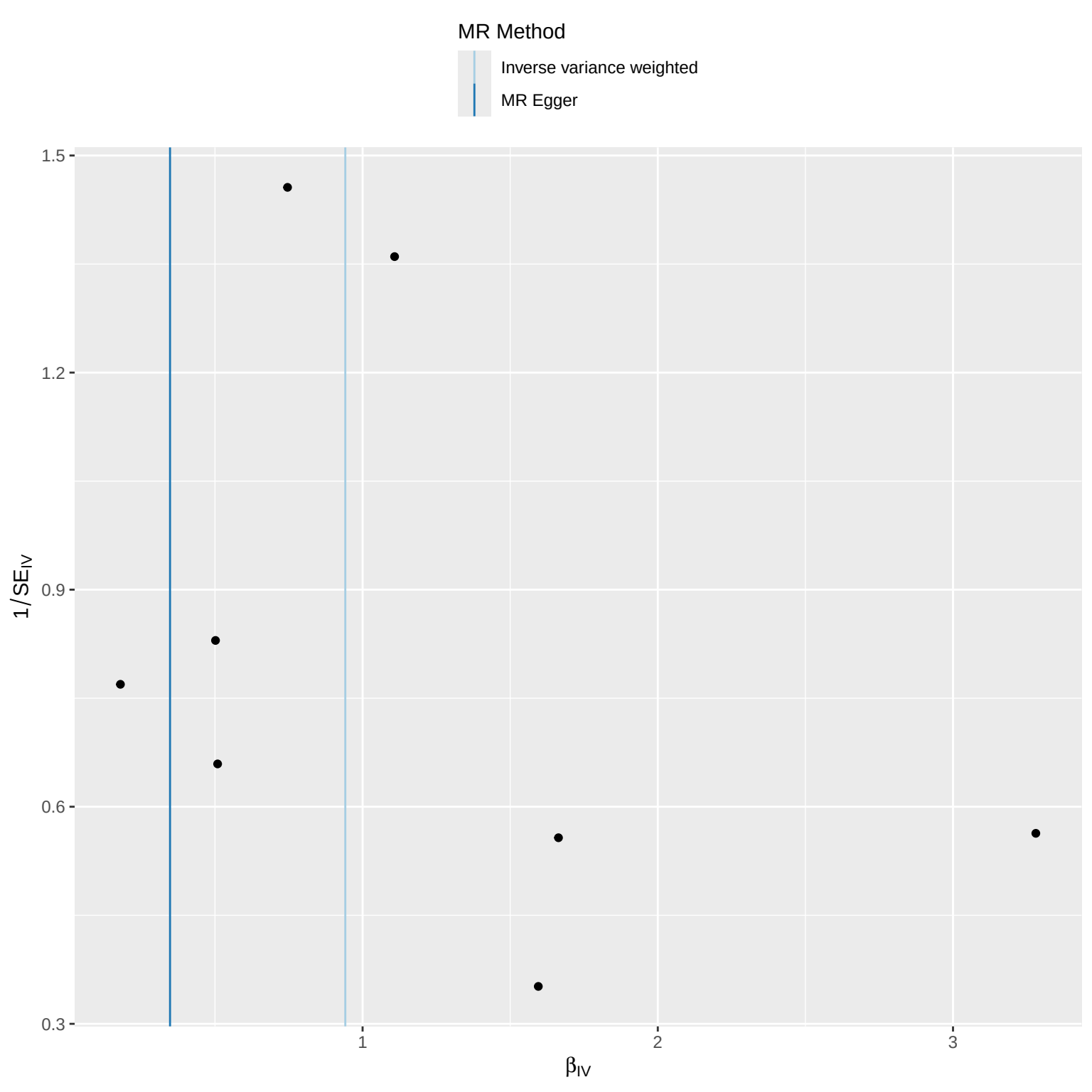

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

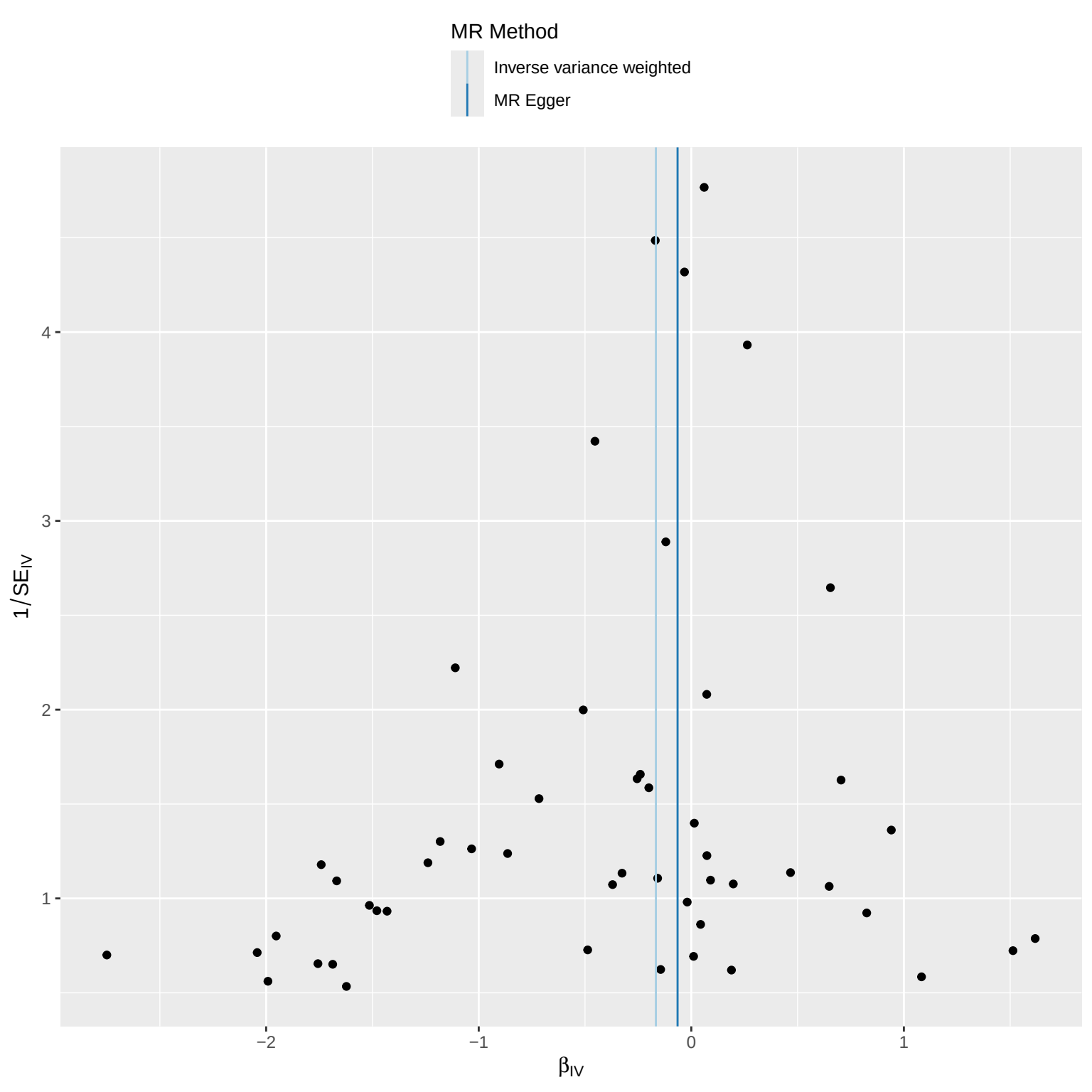

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0
1
2
β_IV

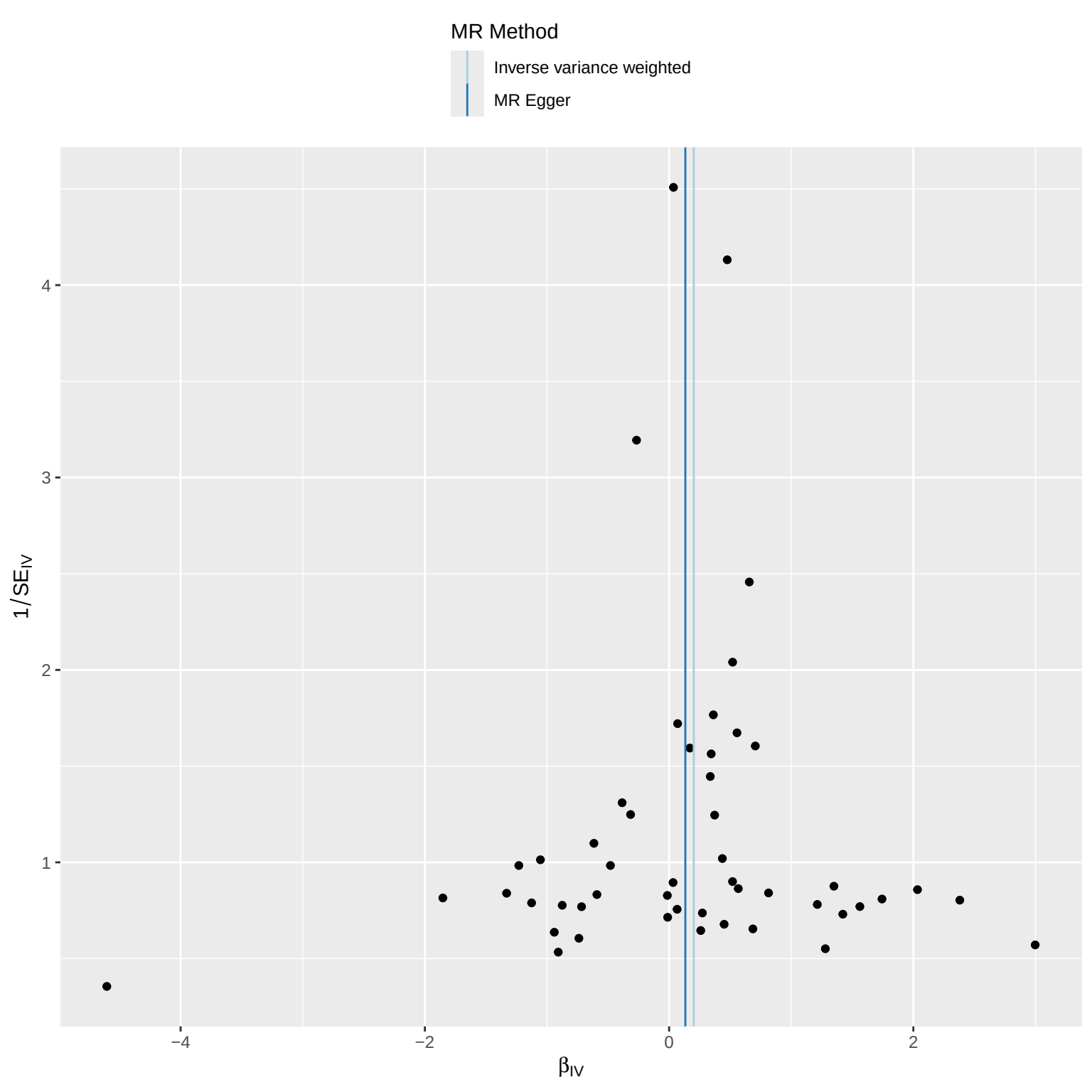

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

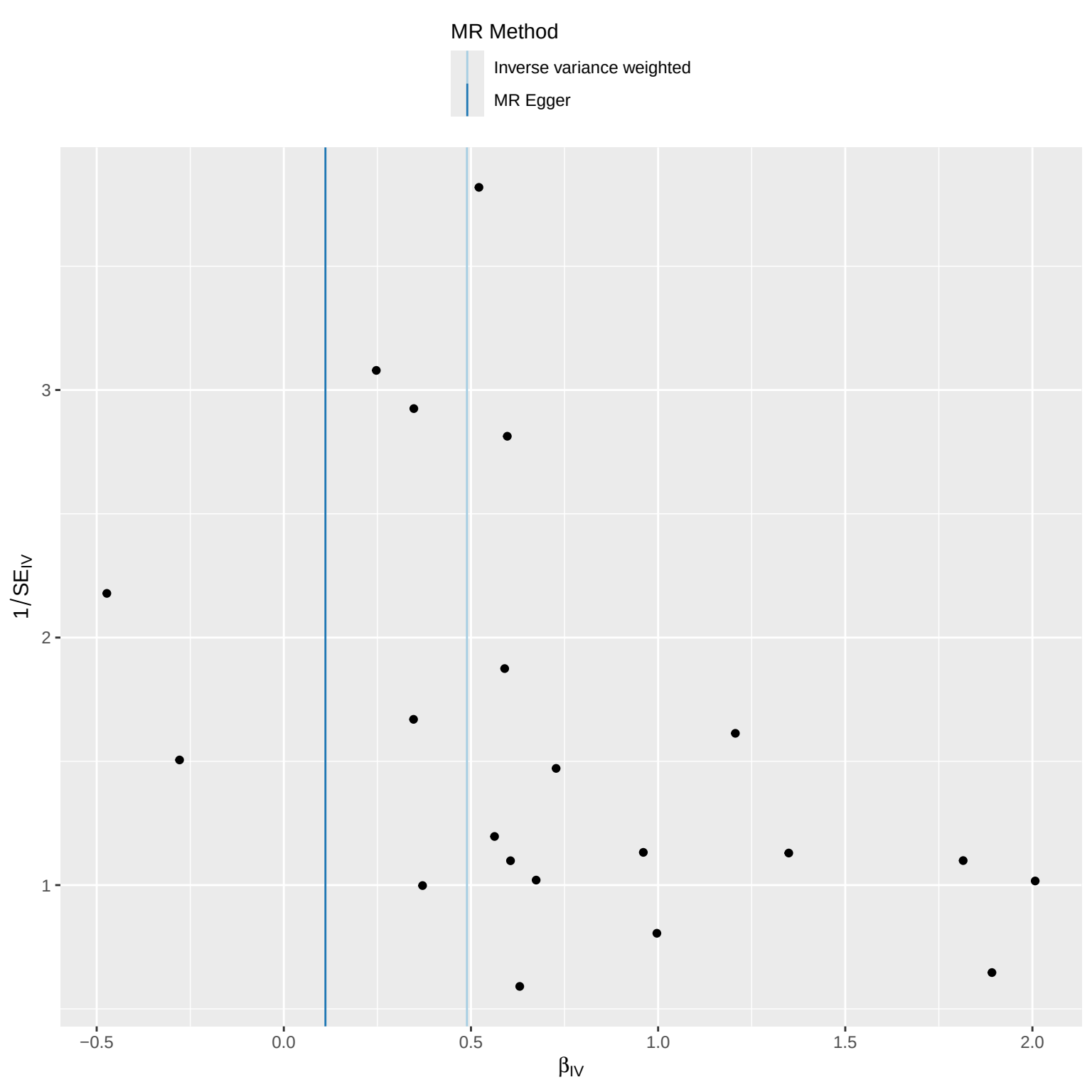

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

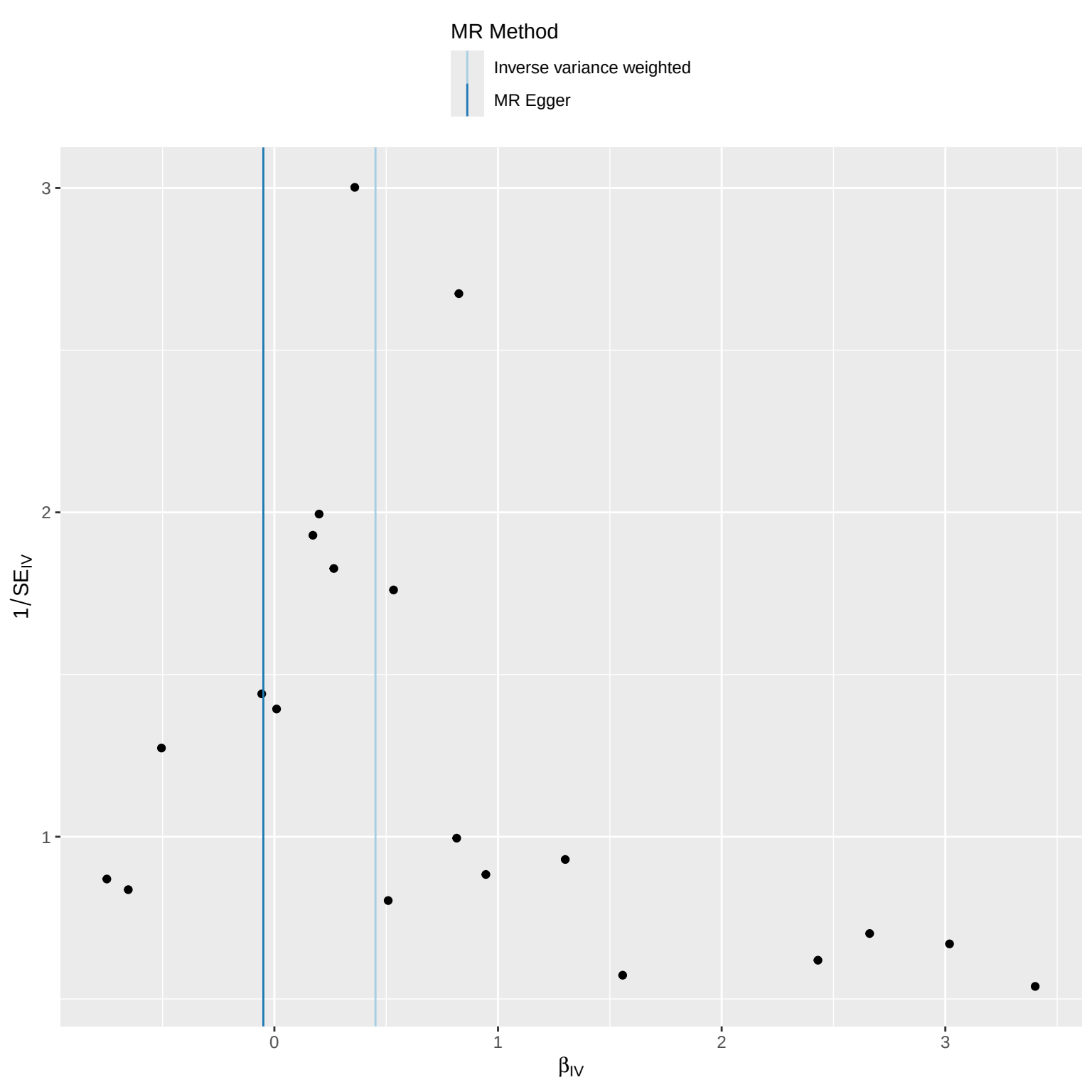

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
β_IV

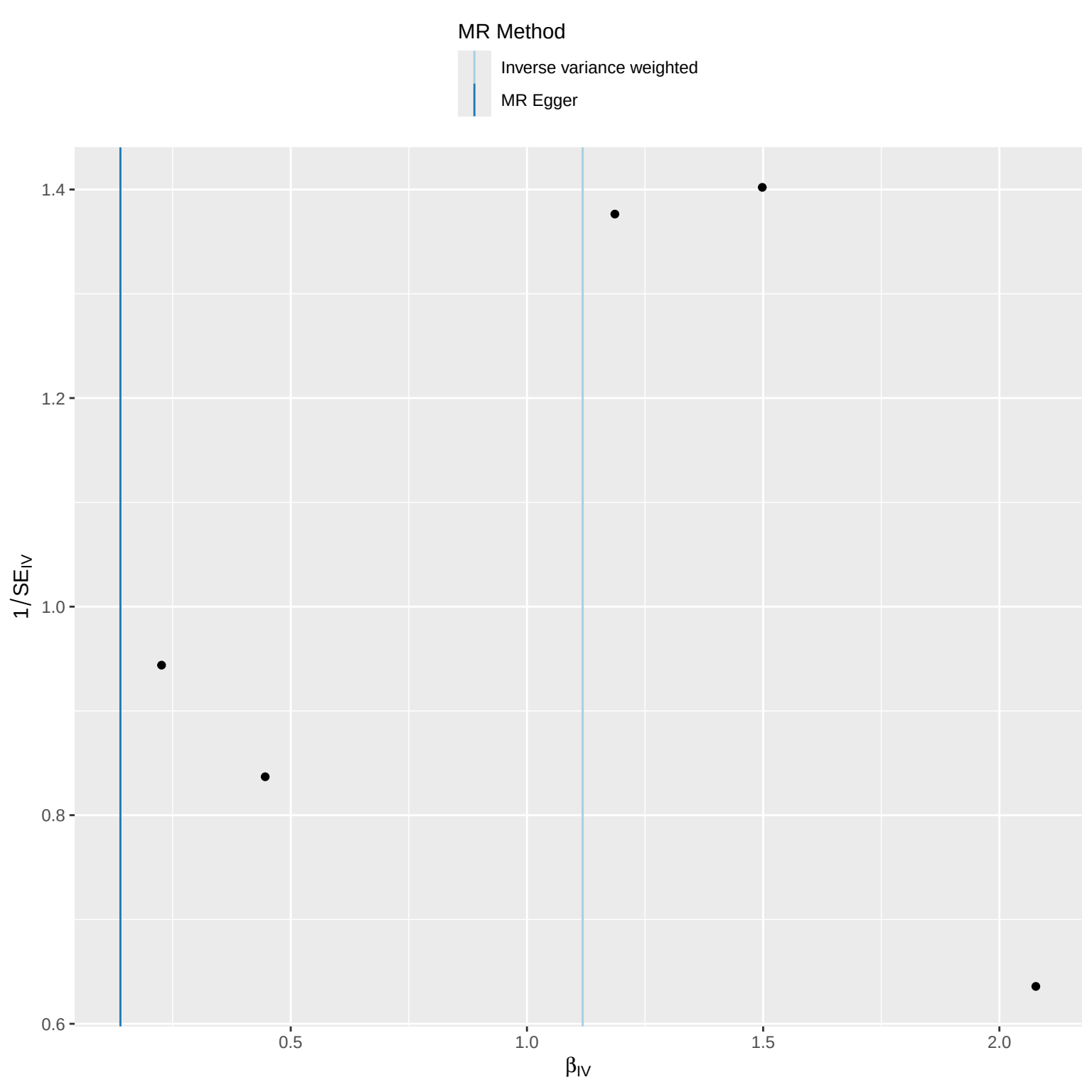

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
1
2
3
β_IV

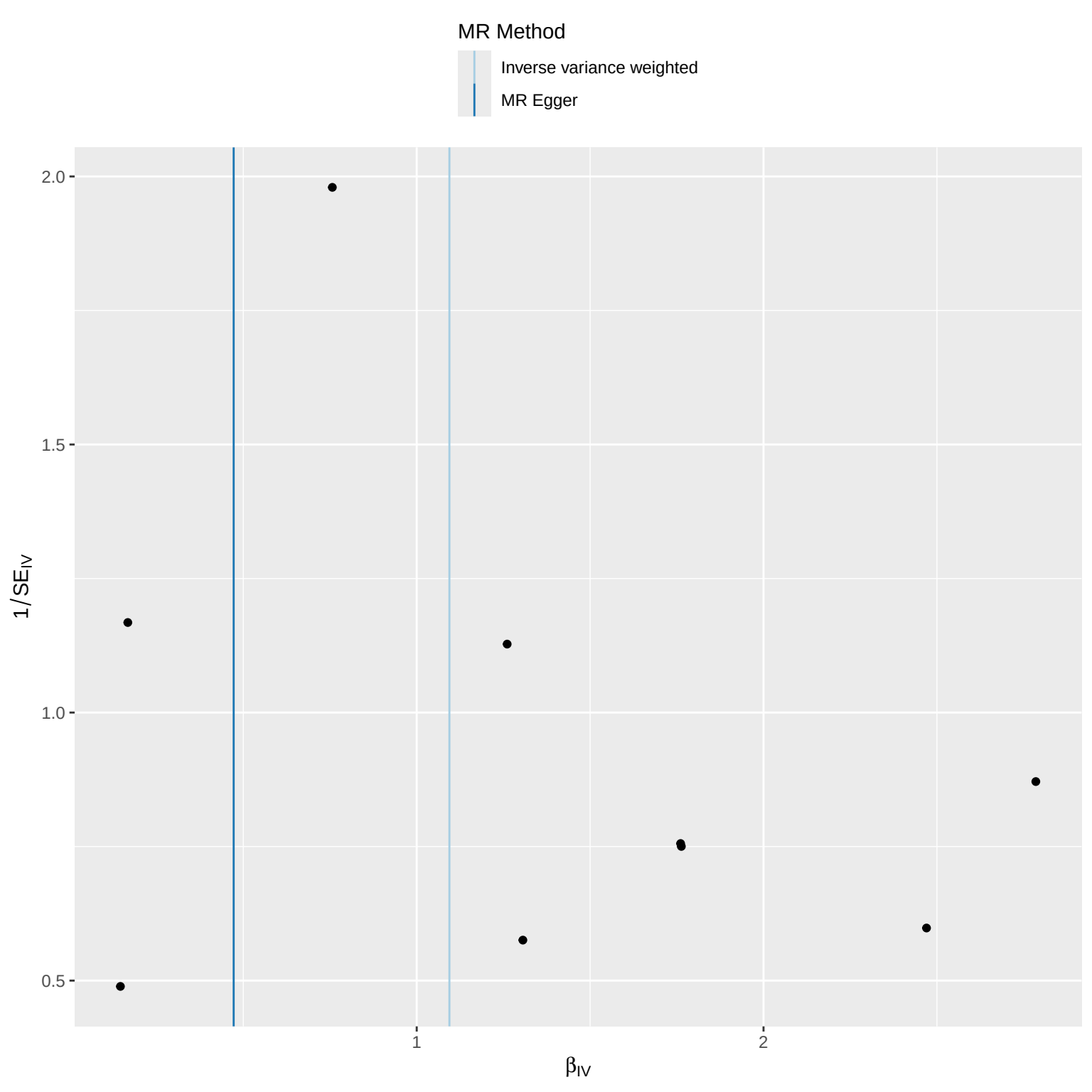

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

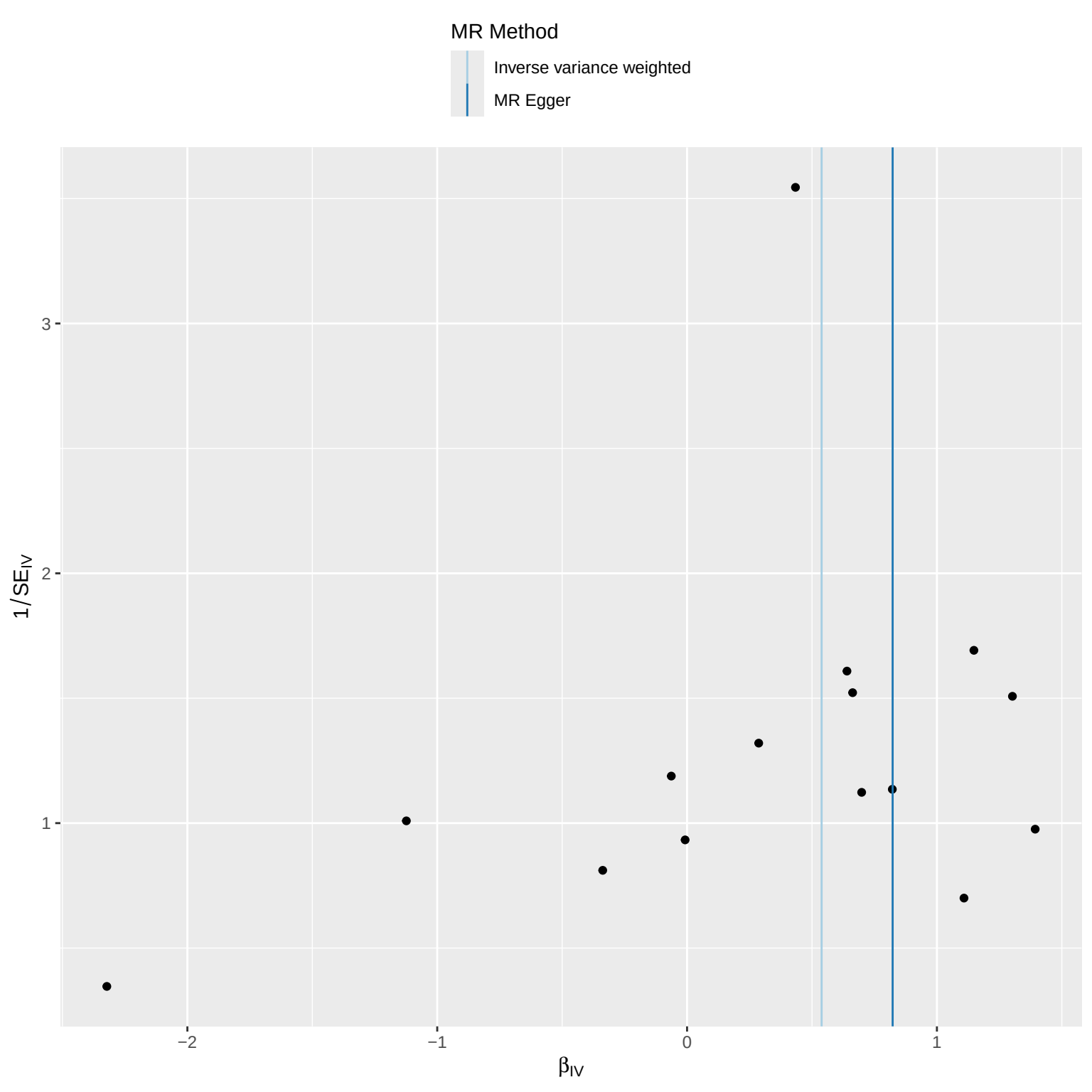

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

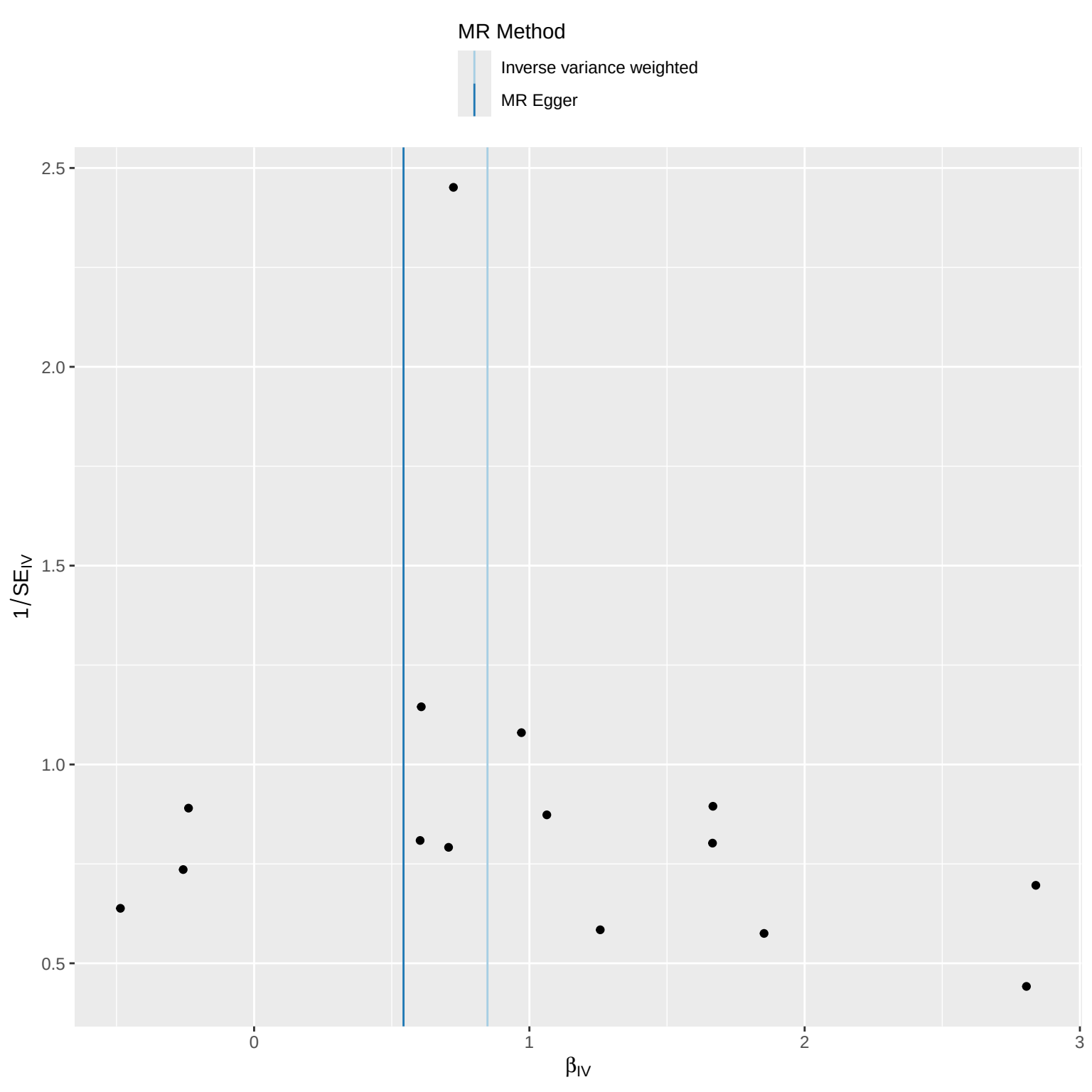

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
2.0
β_IV

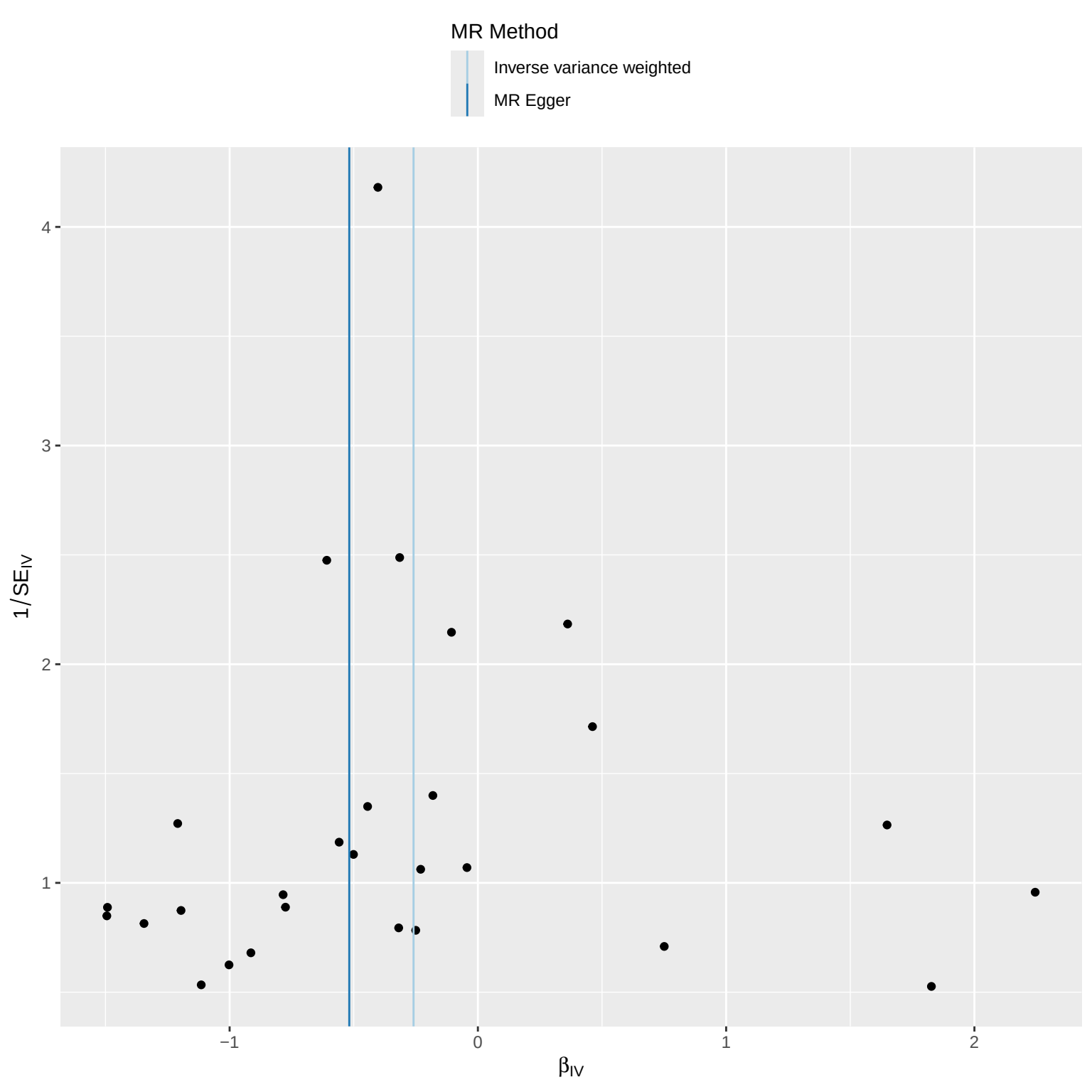

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
0
1
2
3
β_IV

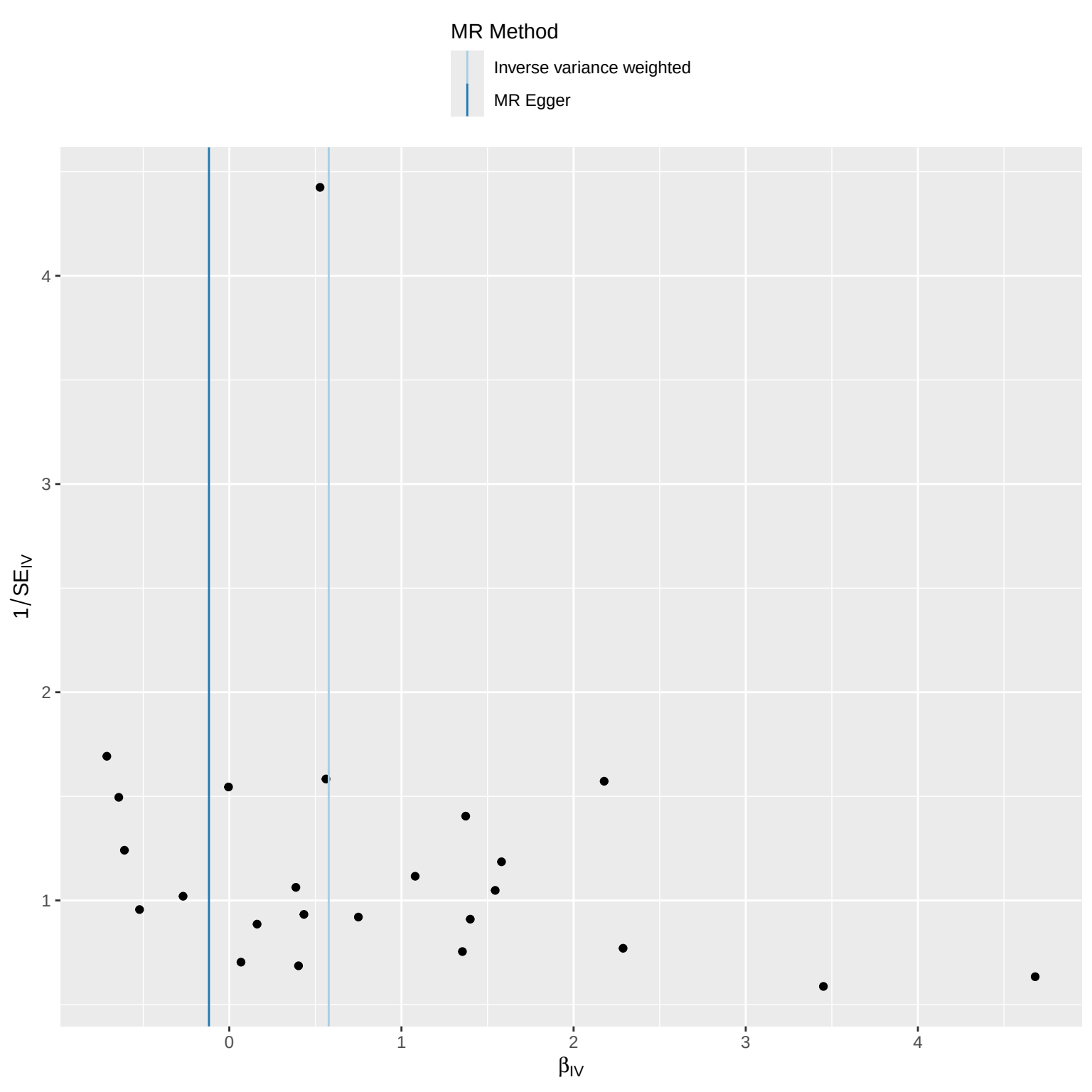

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
0.6
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

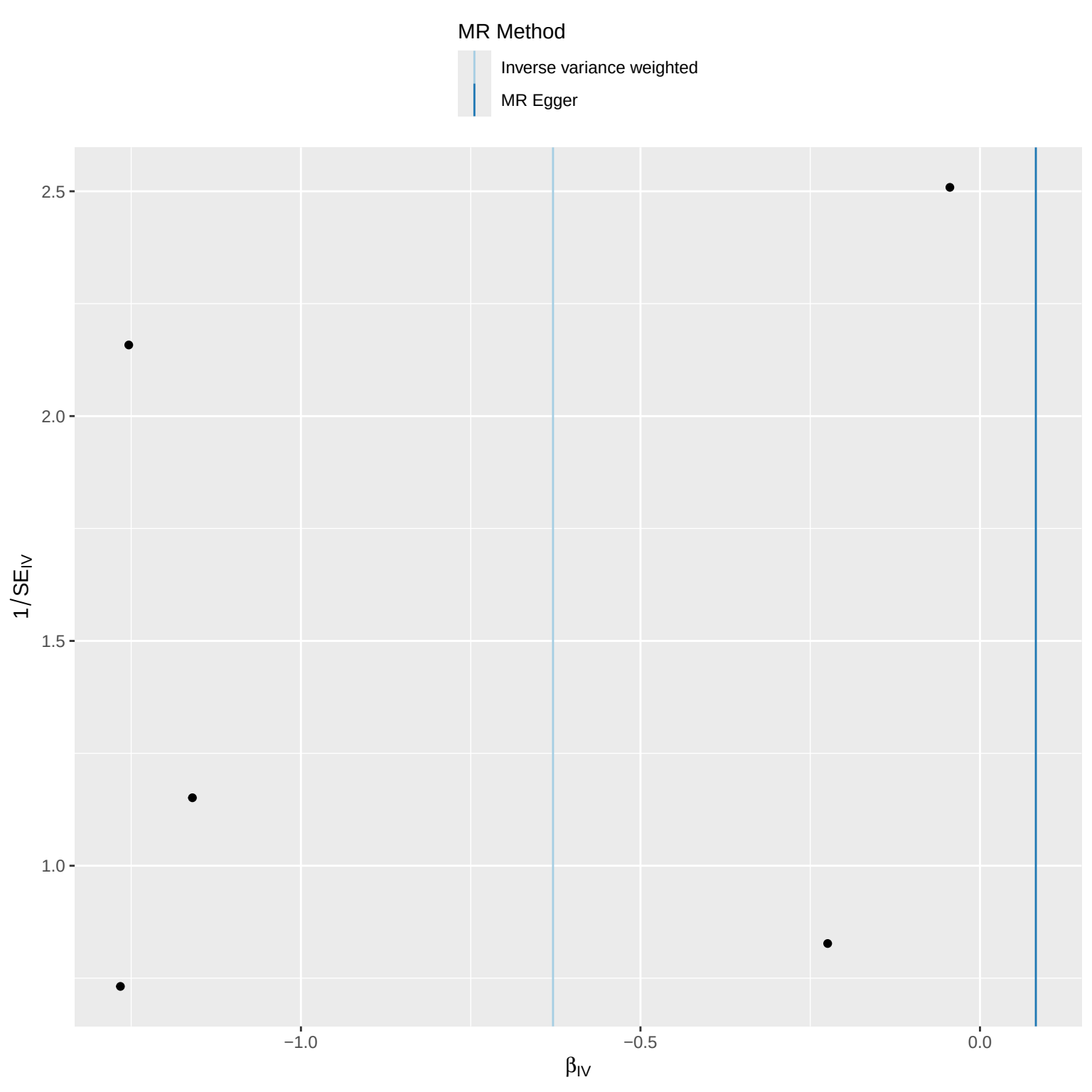

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
1
2
β_IV

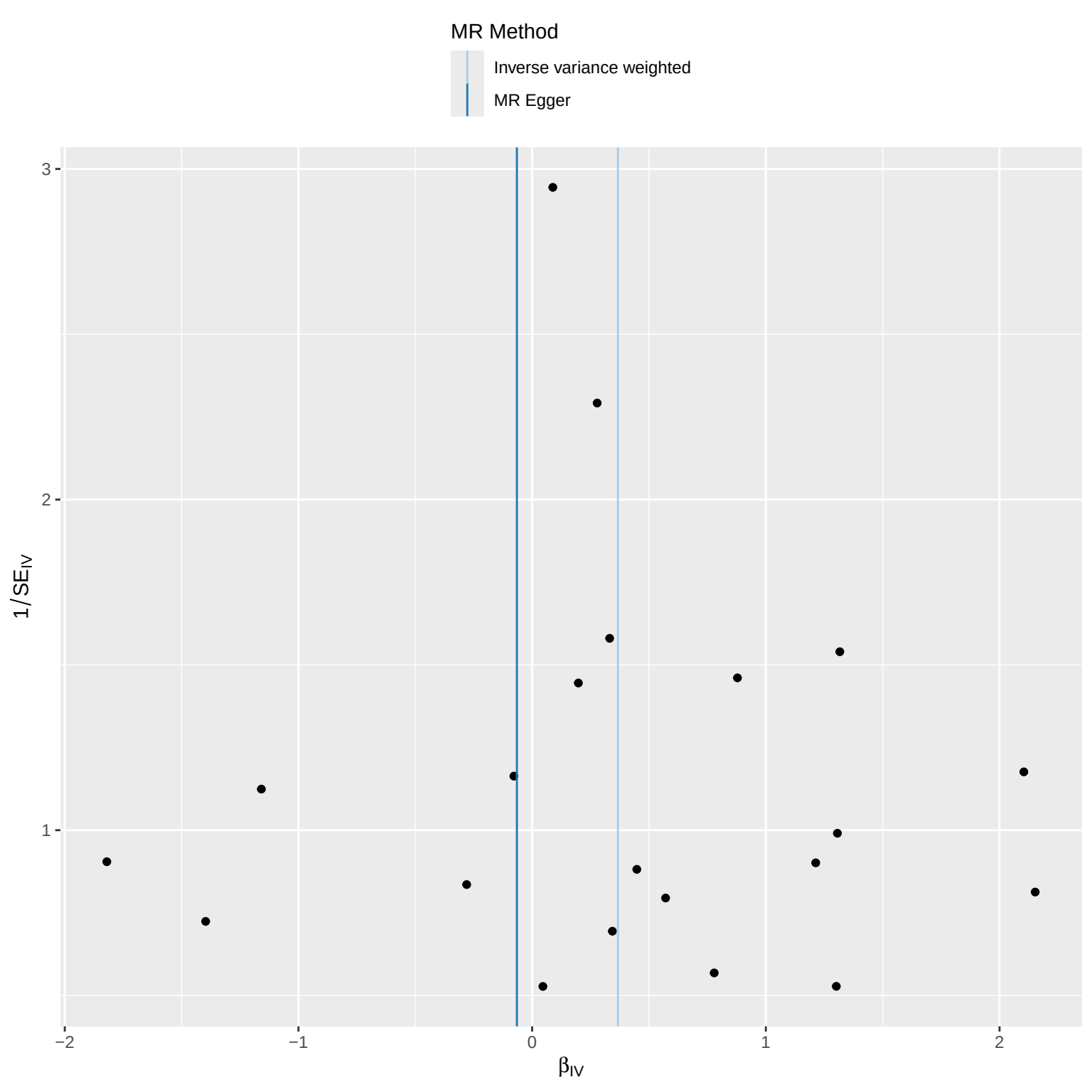

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

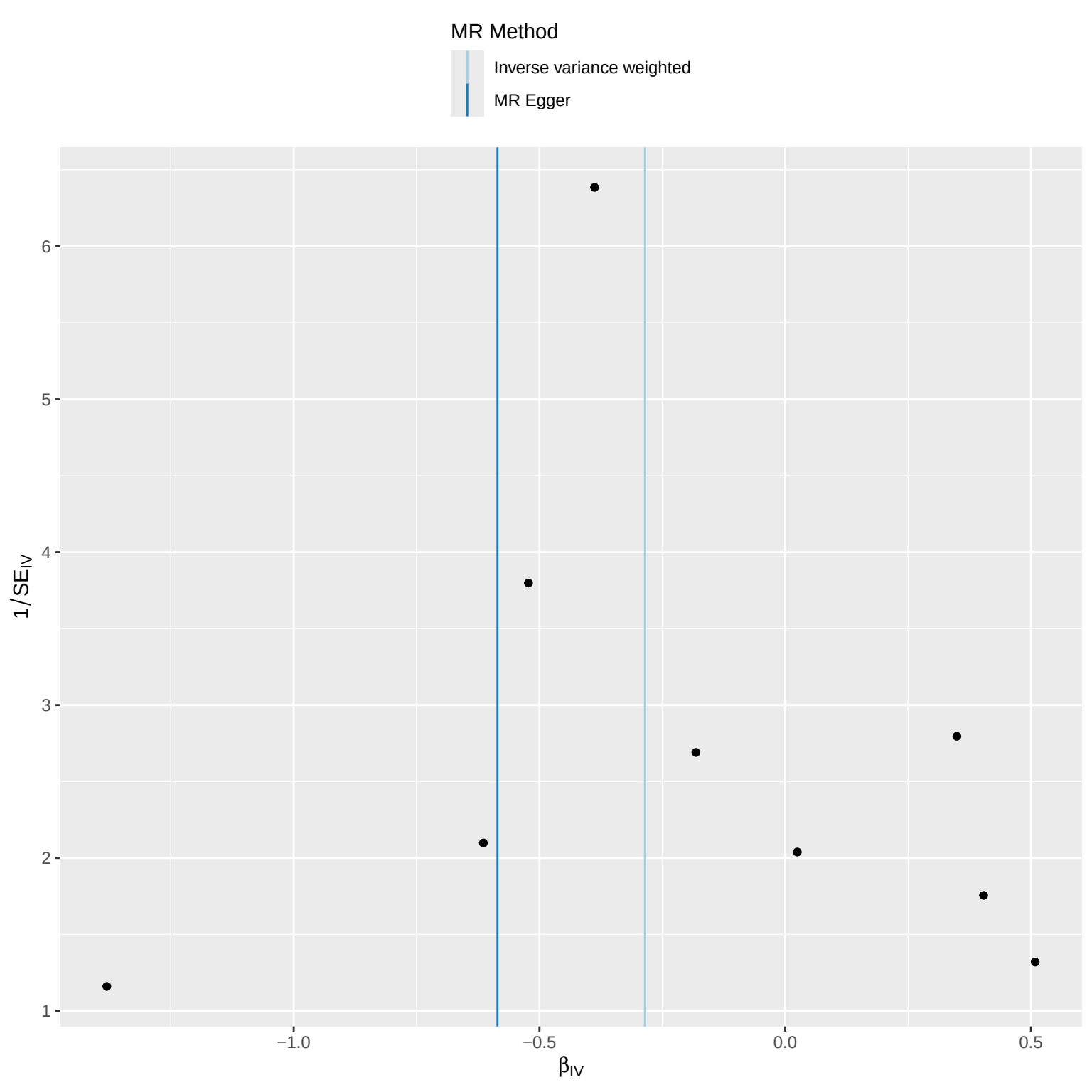

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

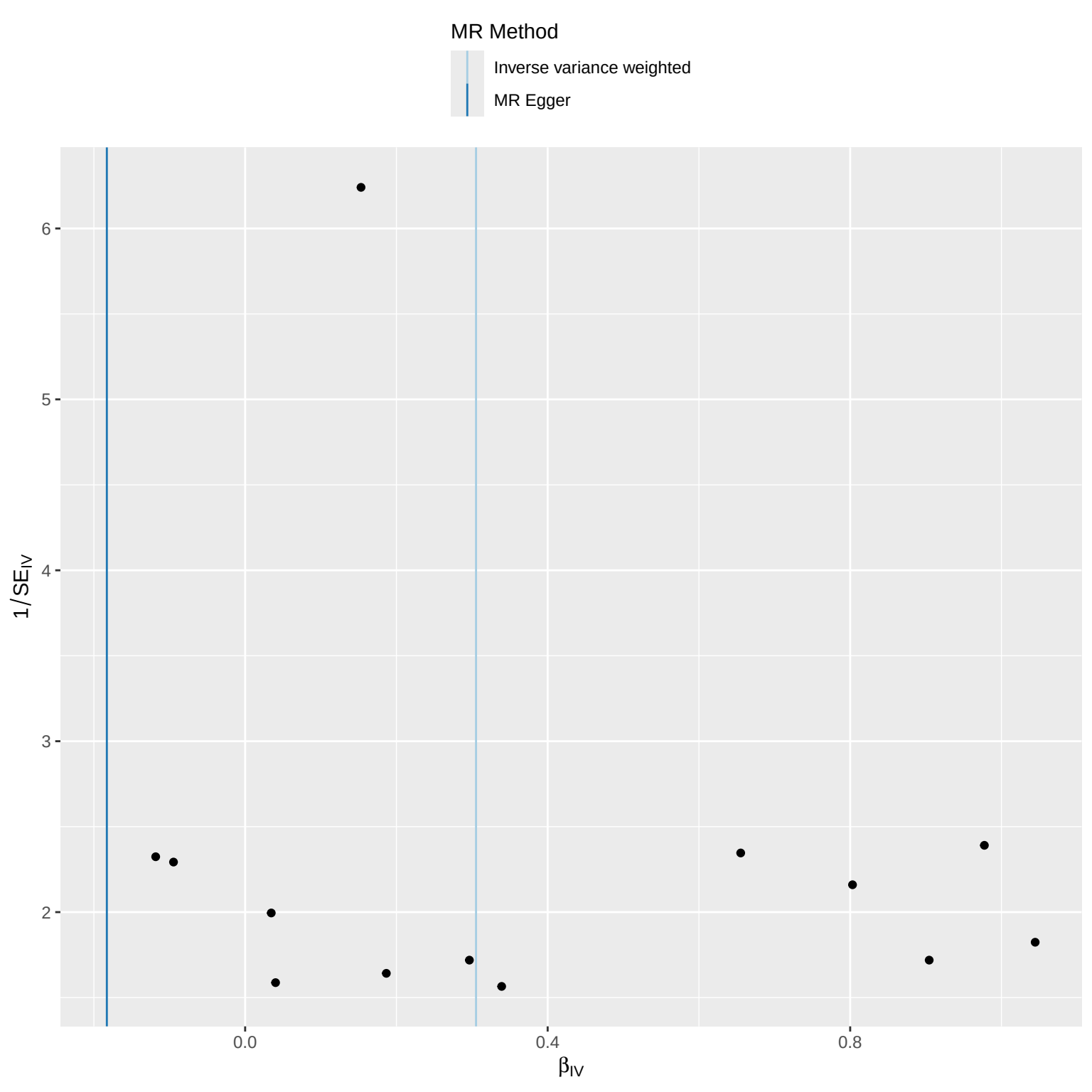

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

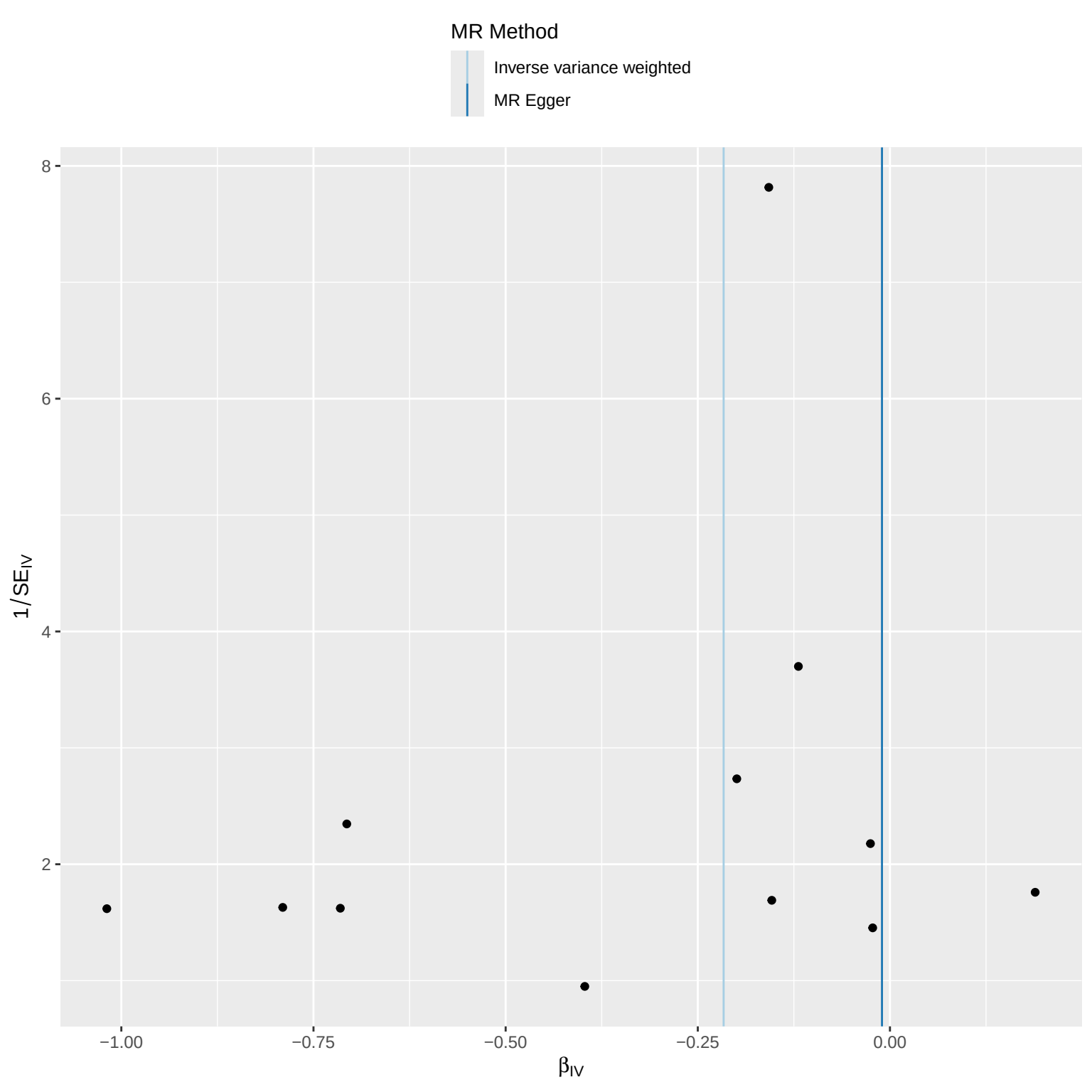

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0
1
2
3
4
β_IV

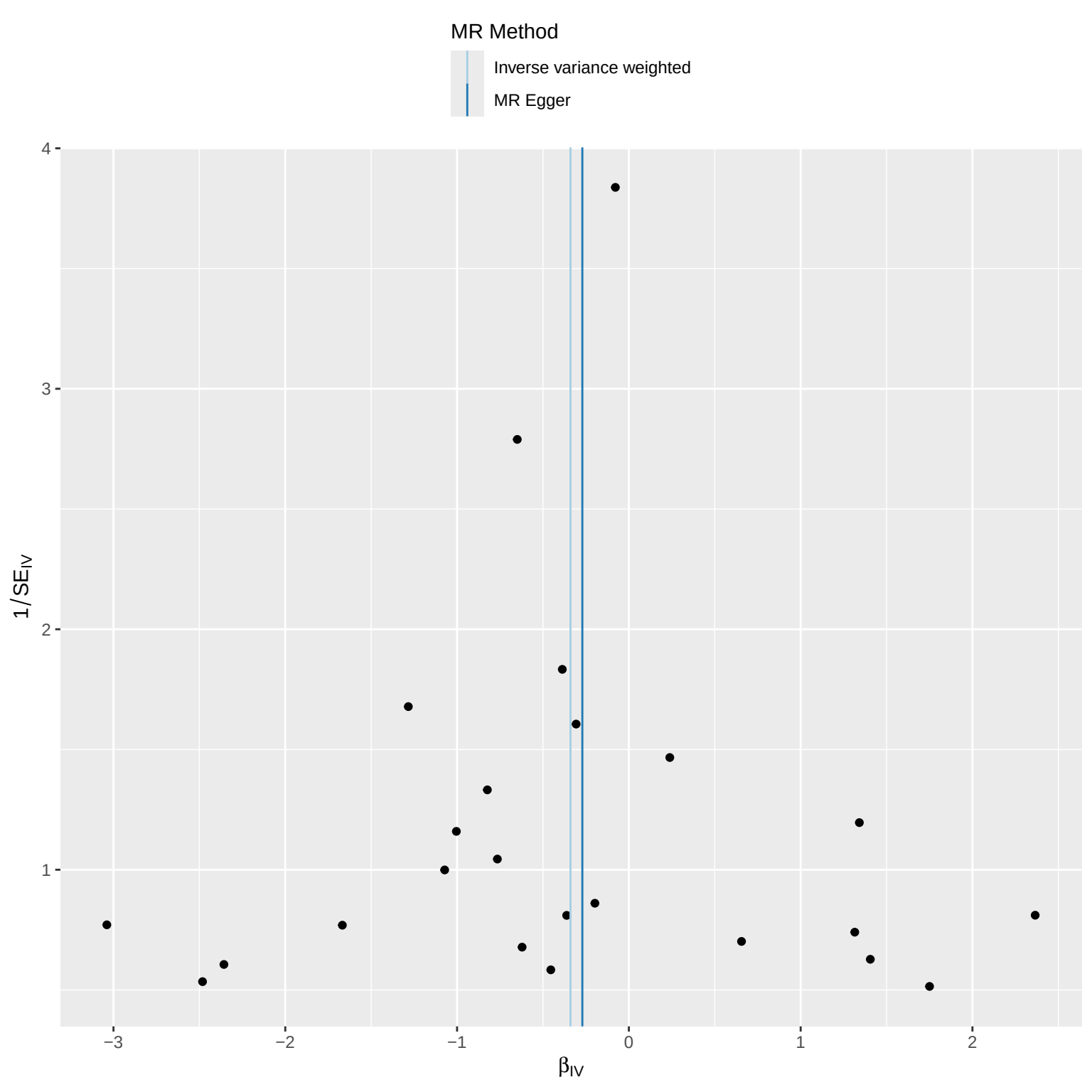

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
β_IV

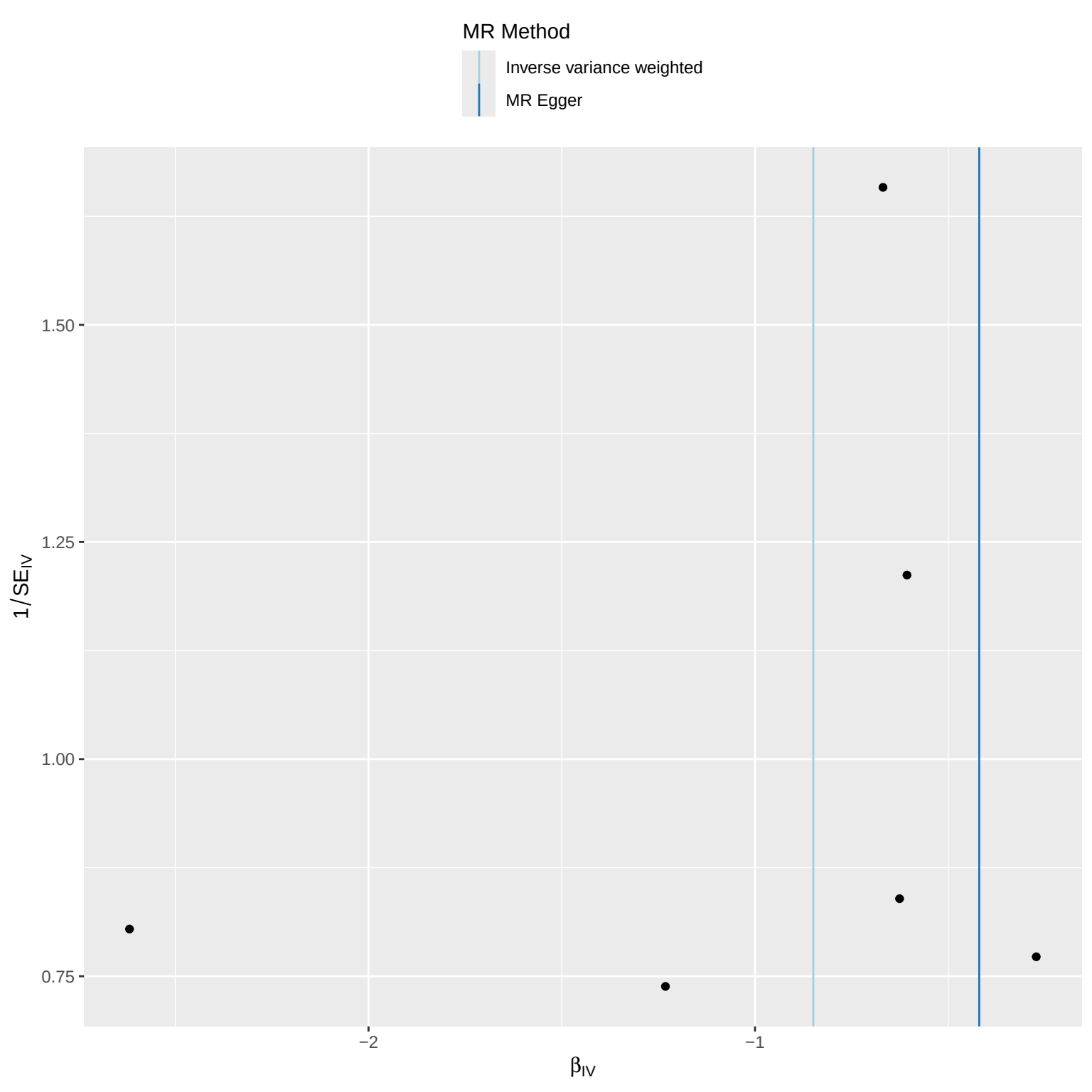

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

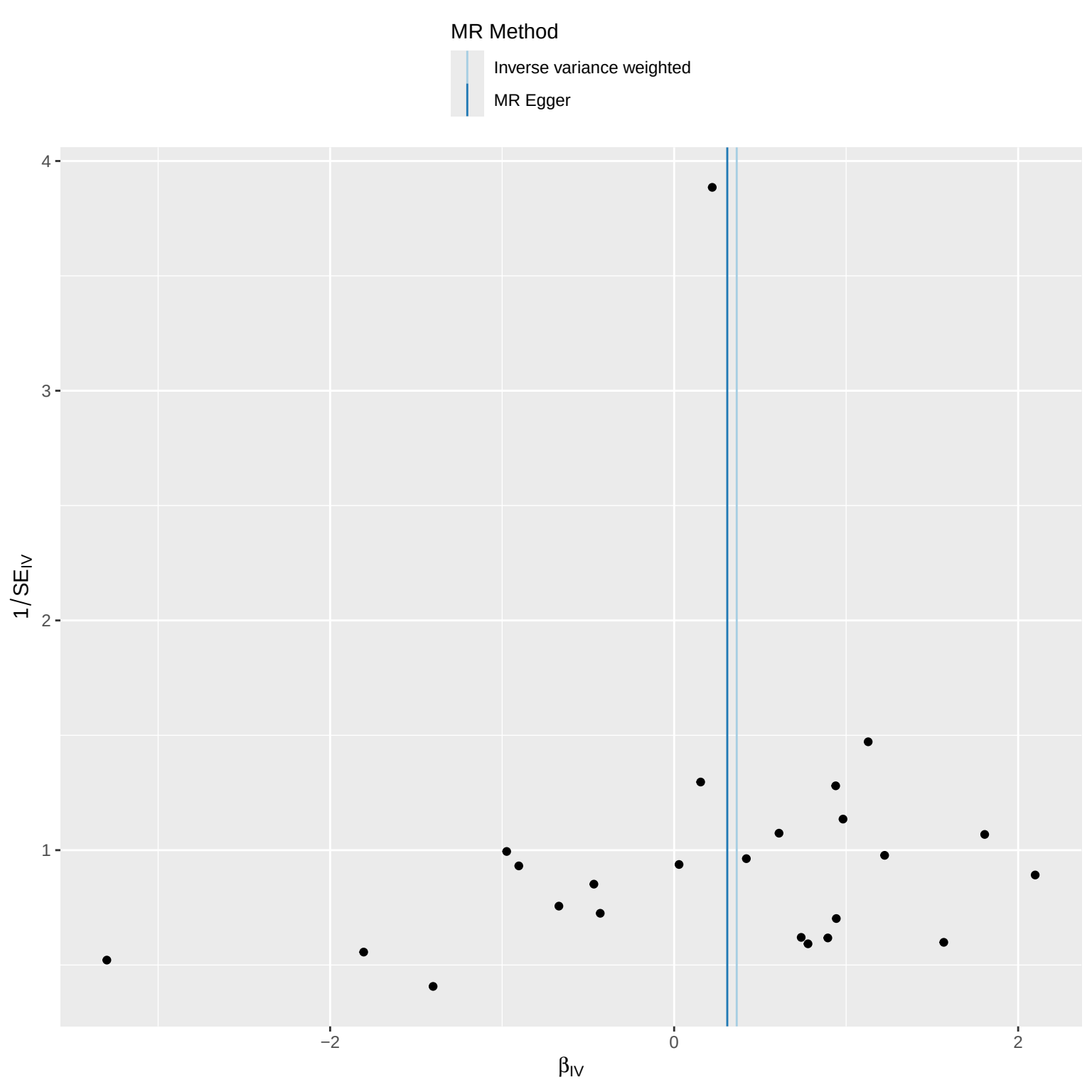

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

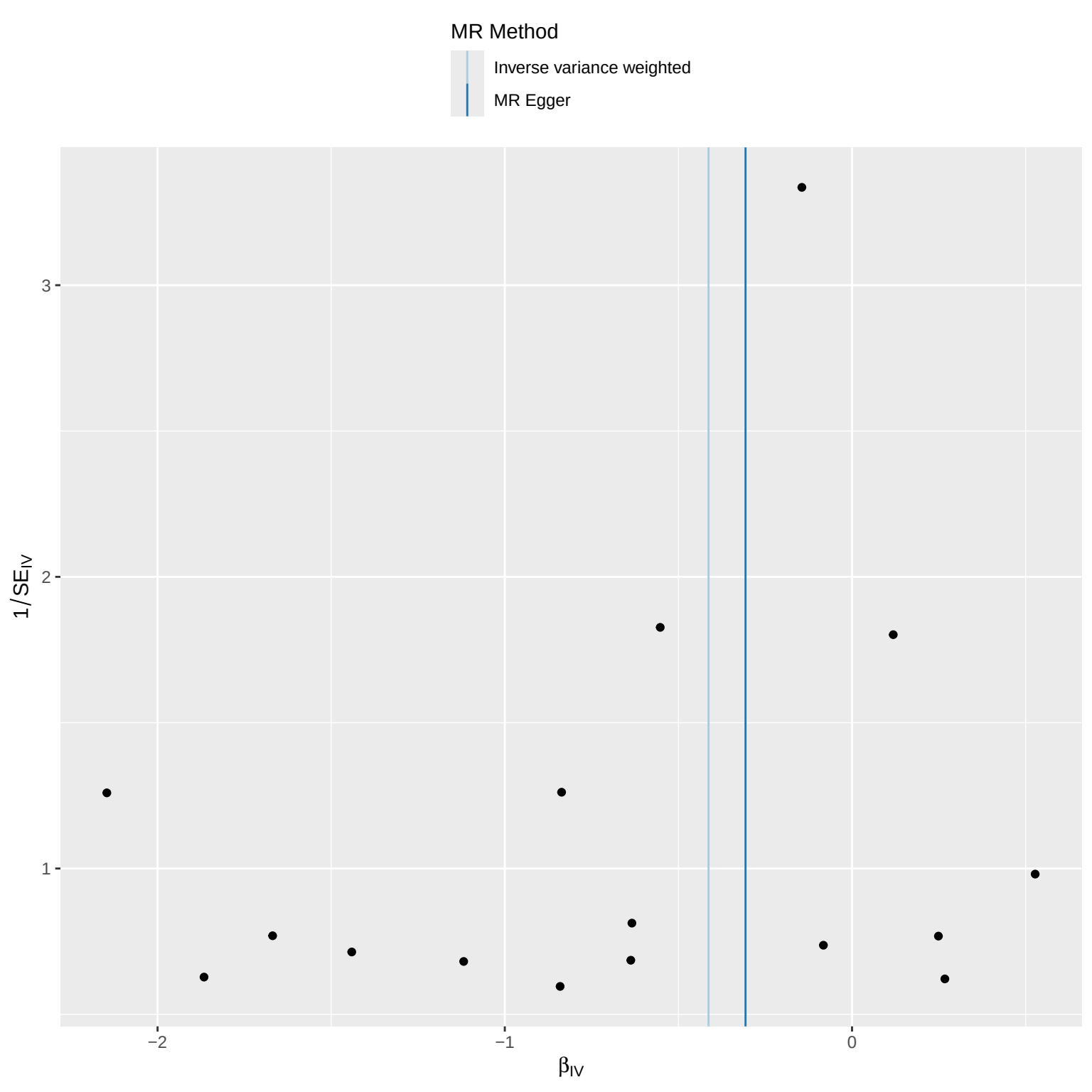

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
0.0
0.4
0.8
β_IV

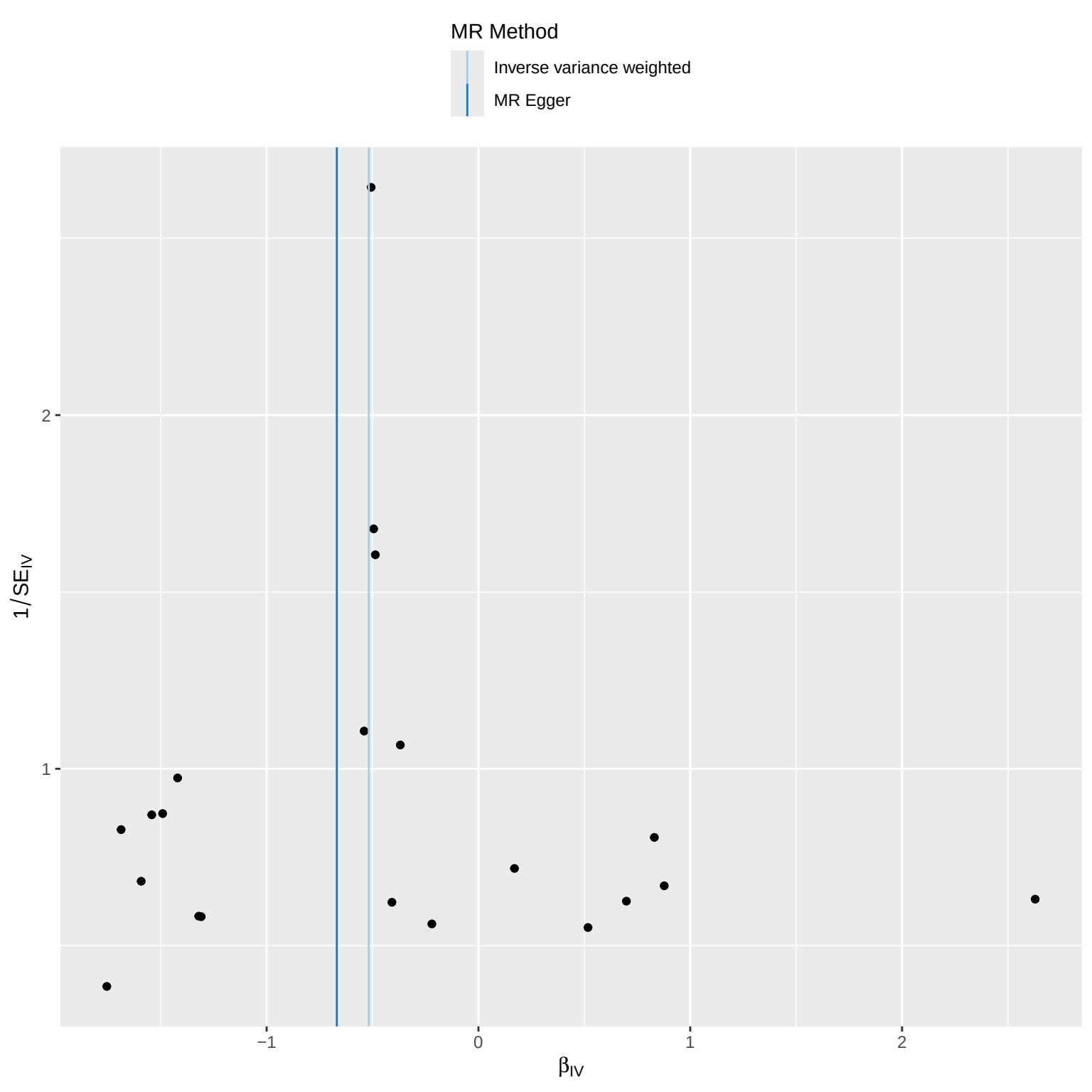

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
β_IV

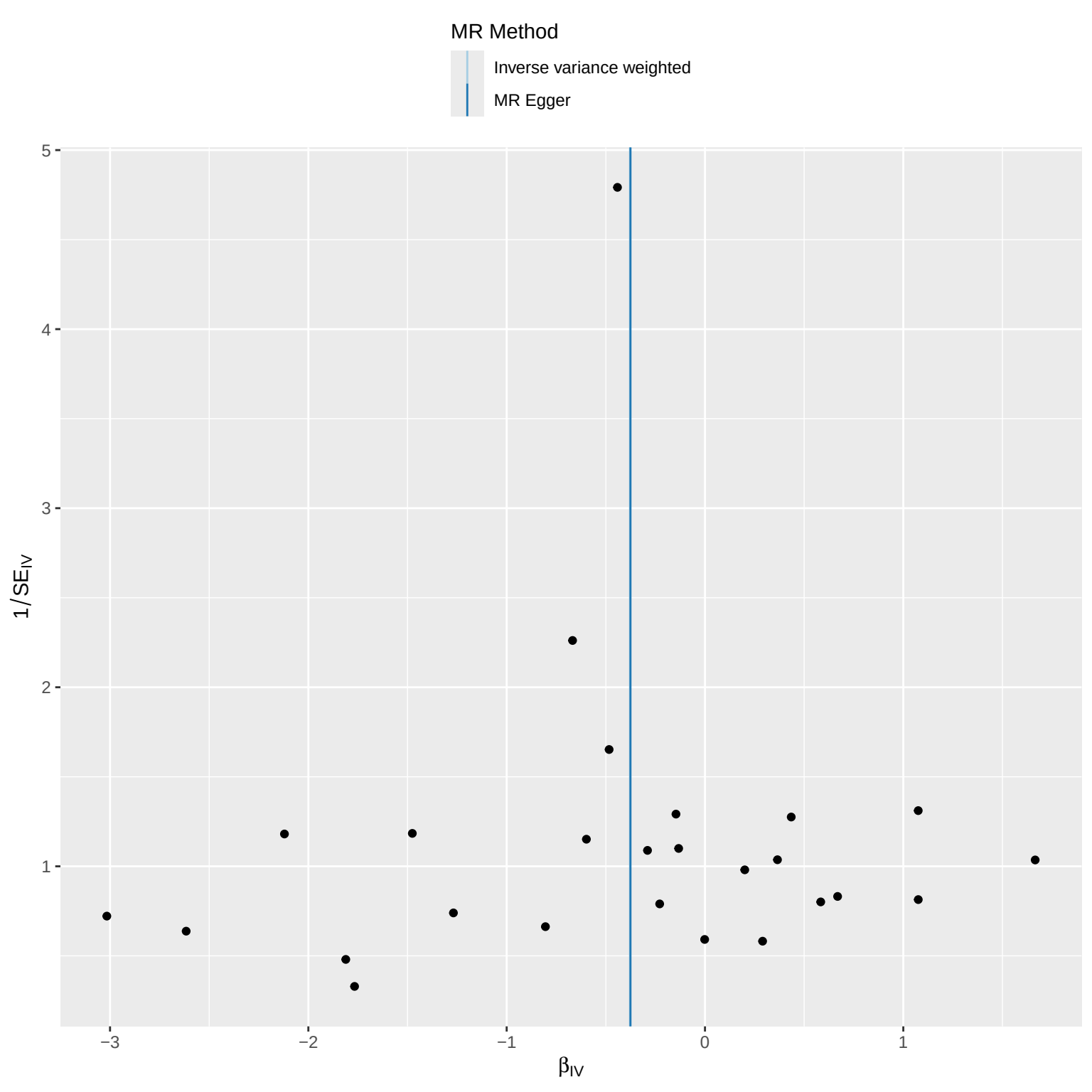

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

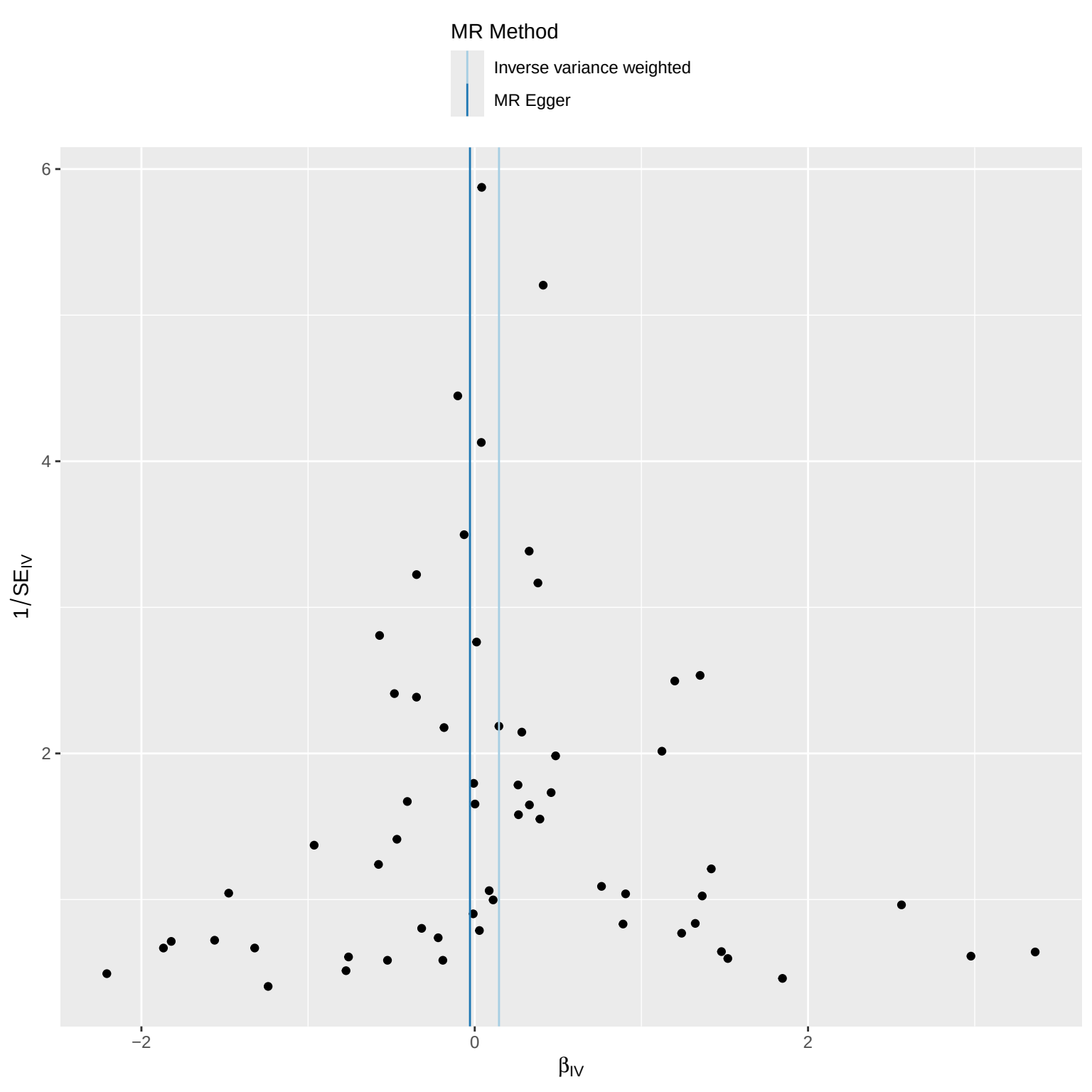

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
β_IV

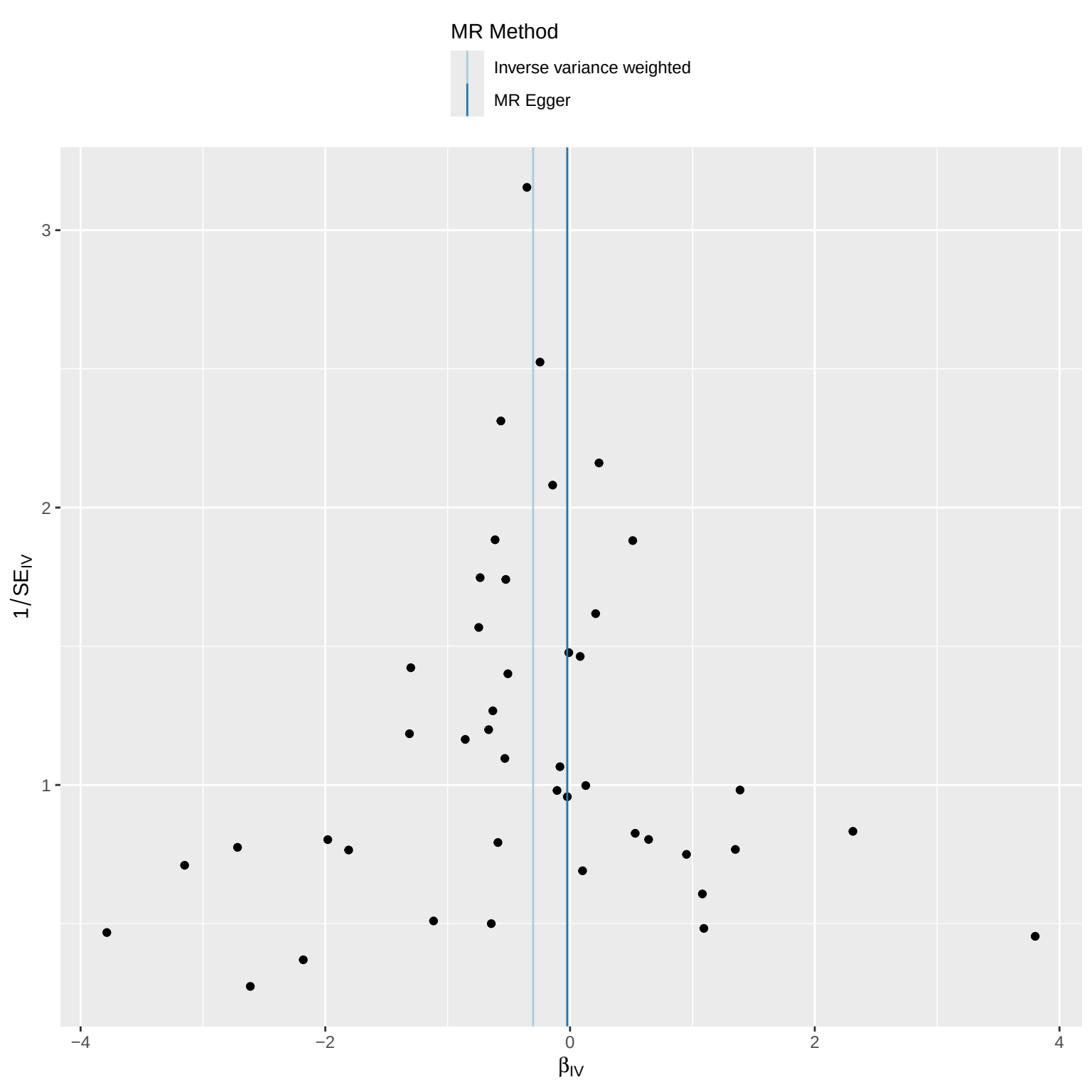

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

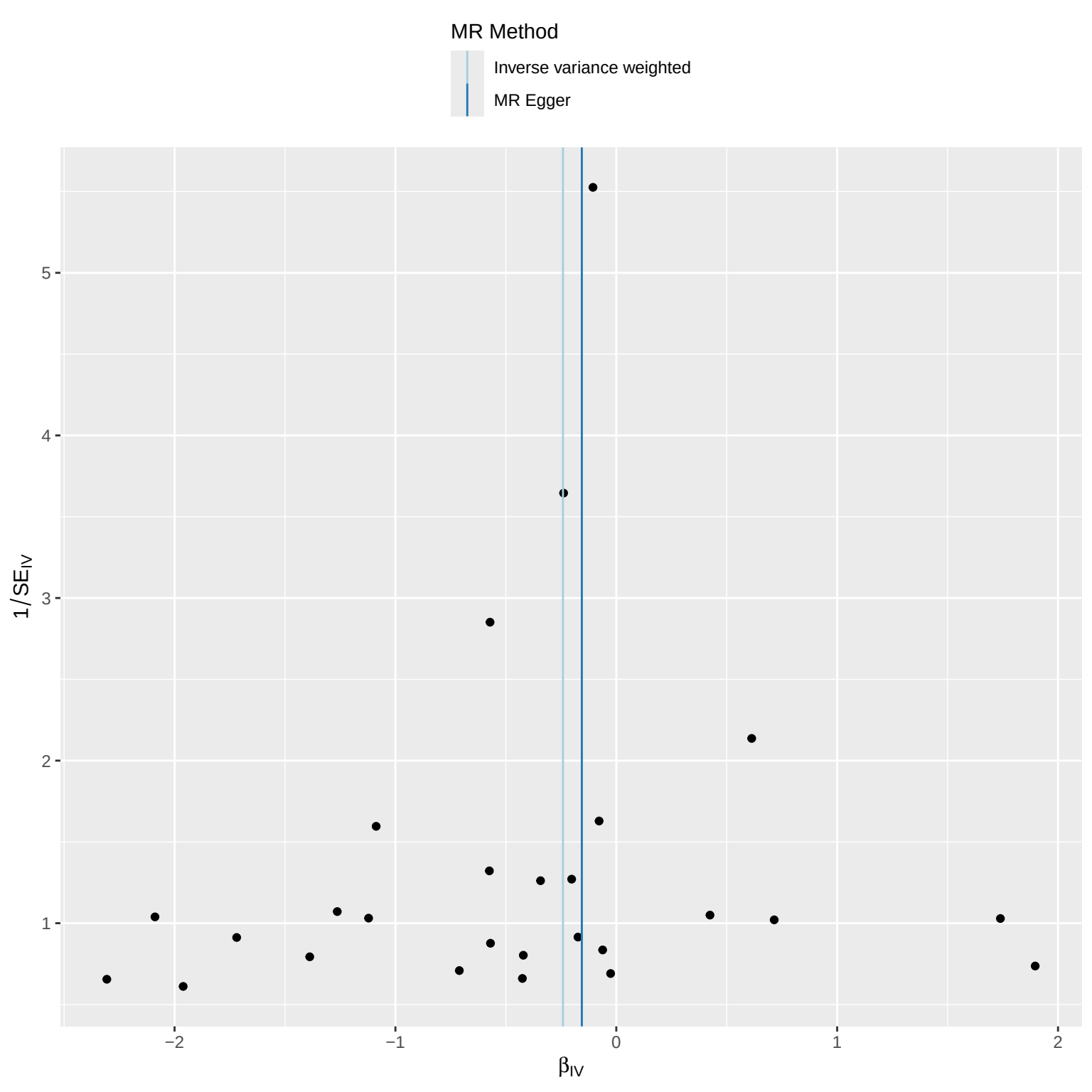

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
β_IV

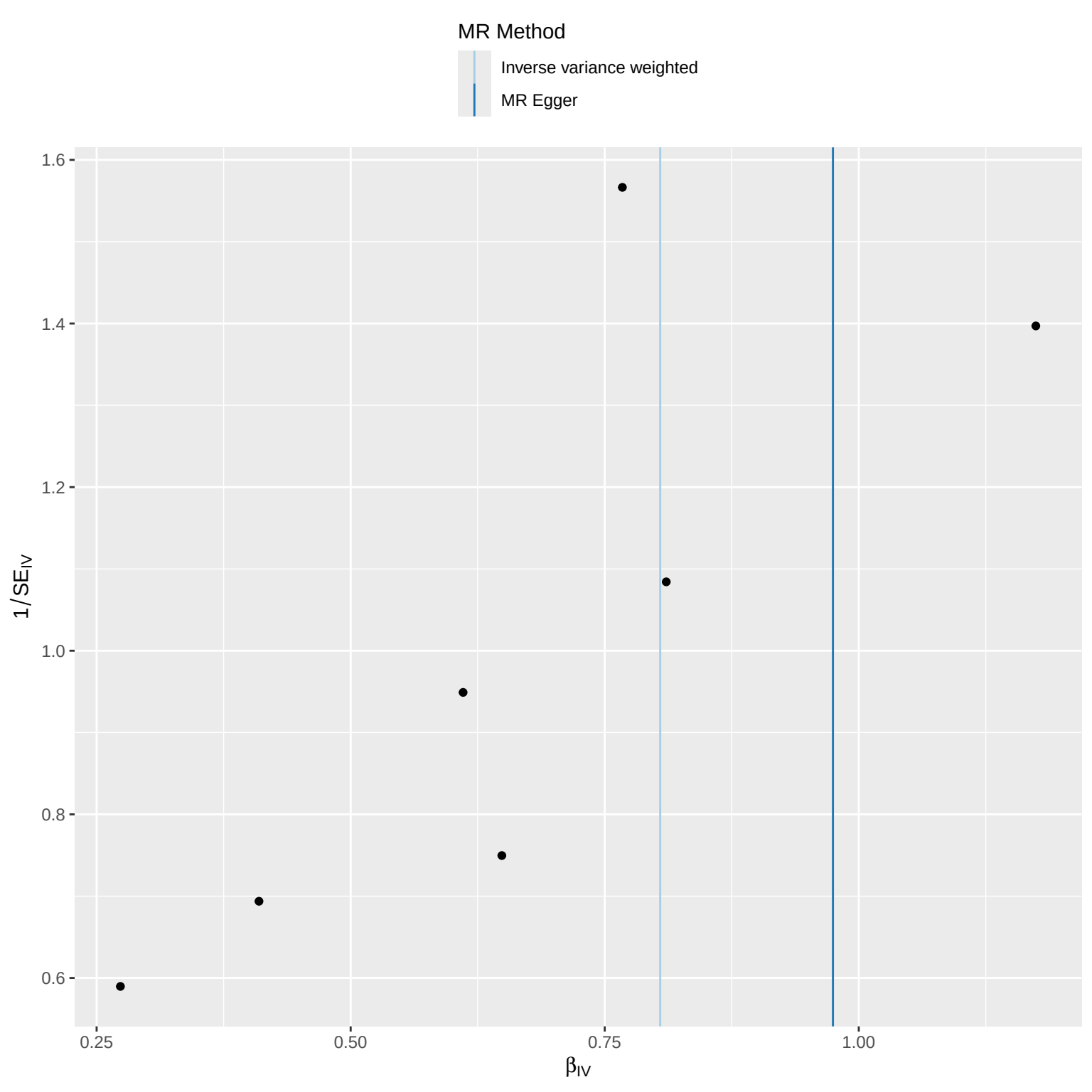

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

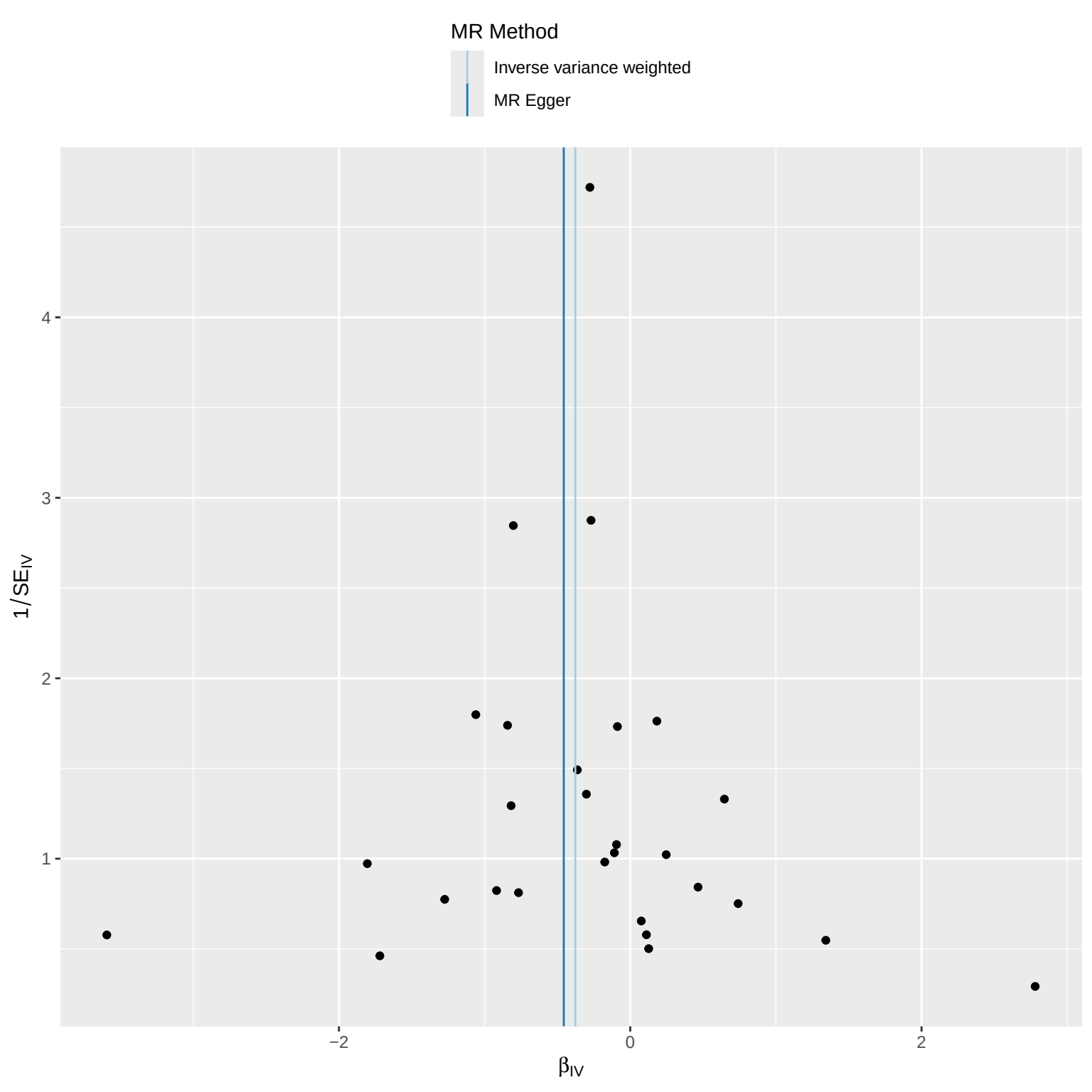

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

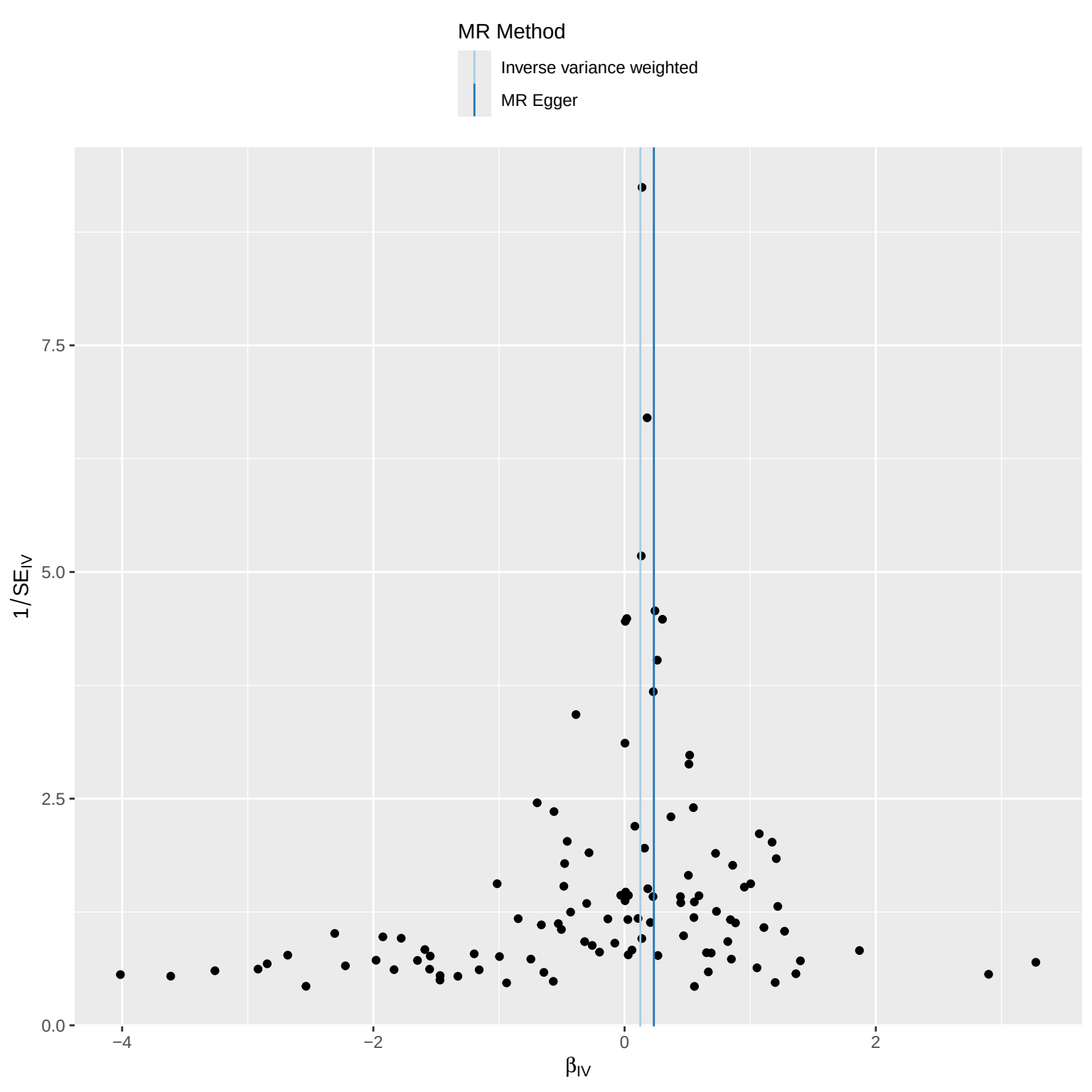

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

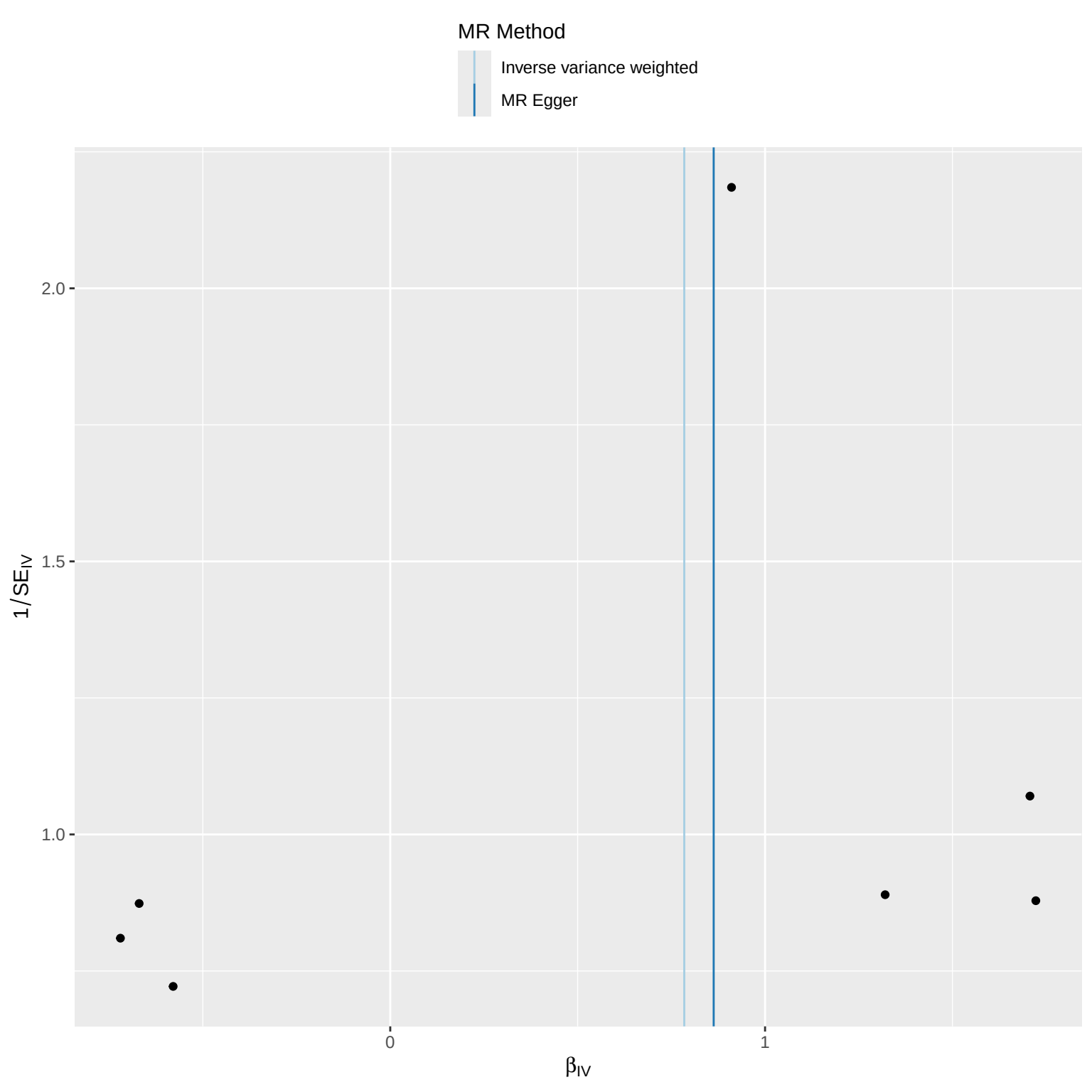

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−4
−2
0
2
4
β_IV

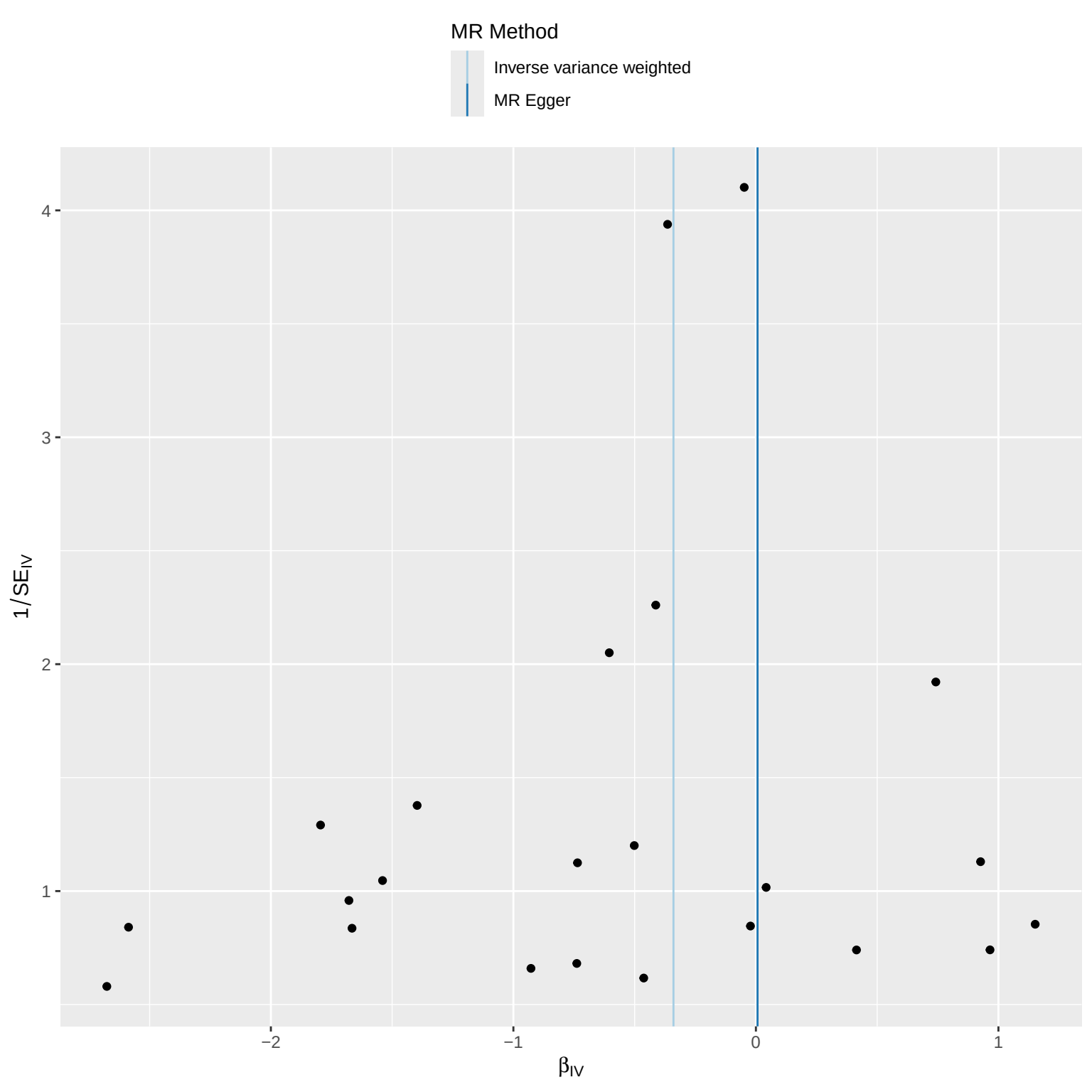

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−2
−1
0
1
2
β_IV

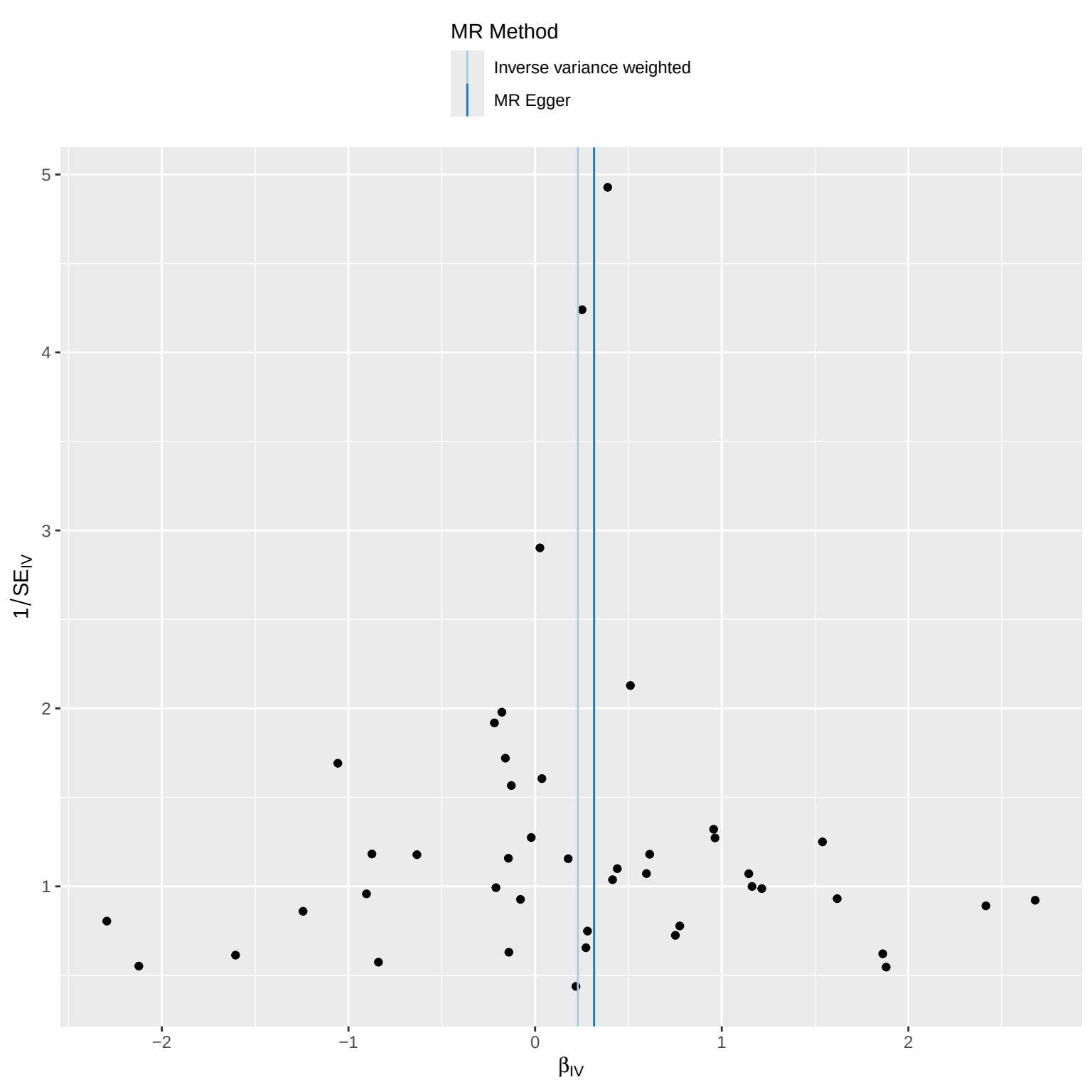

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
0.25
0.50
0.75
1.00
β_IV

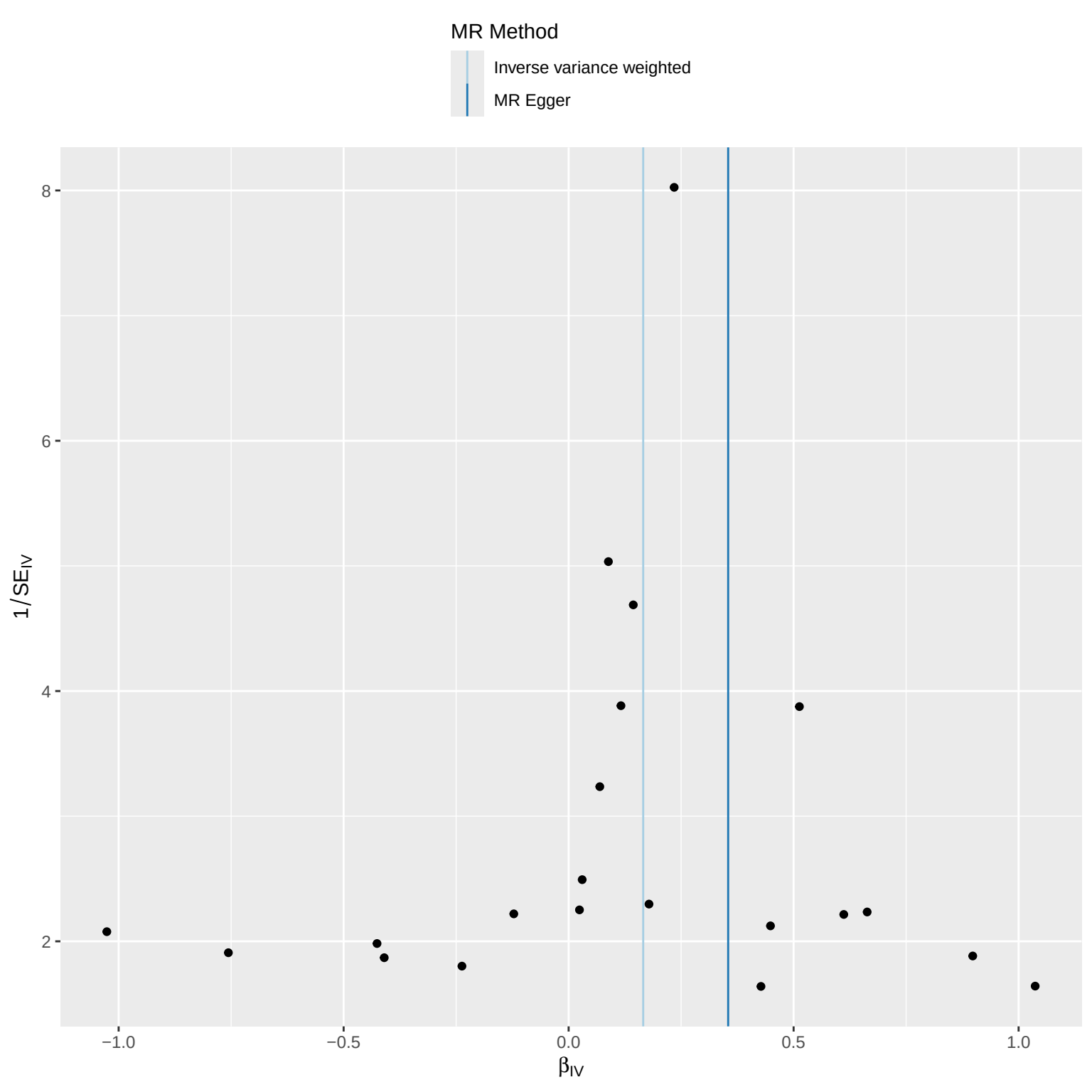

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

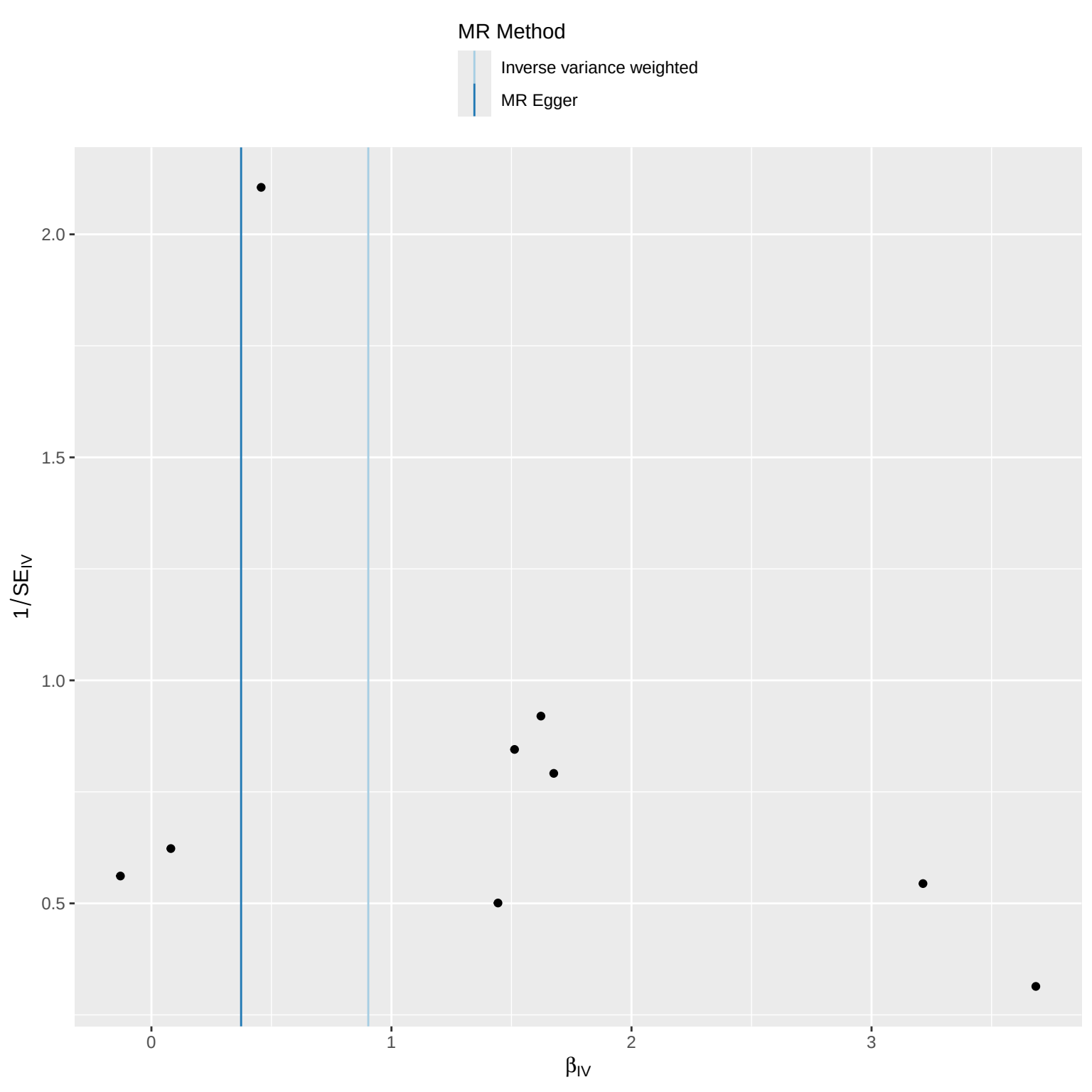

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−4
−2
0
2
β_IV

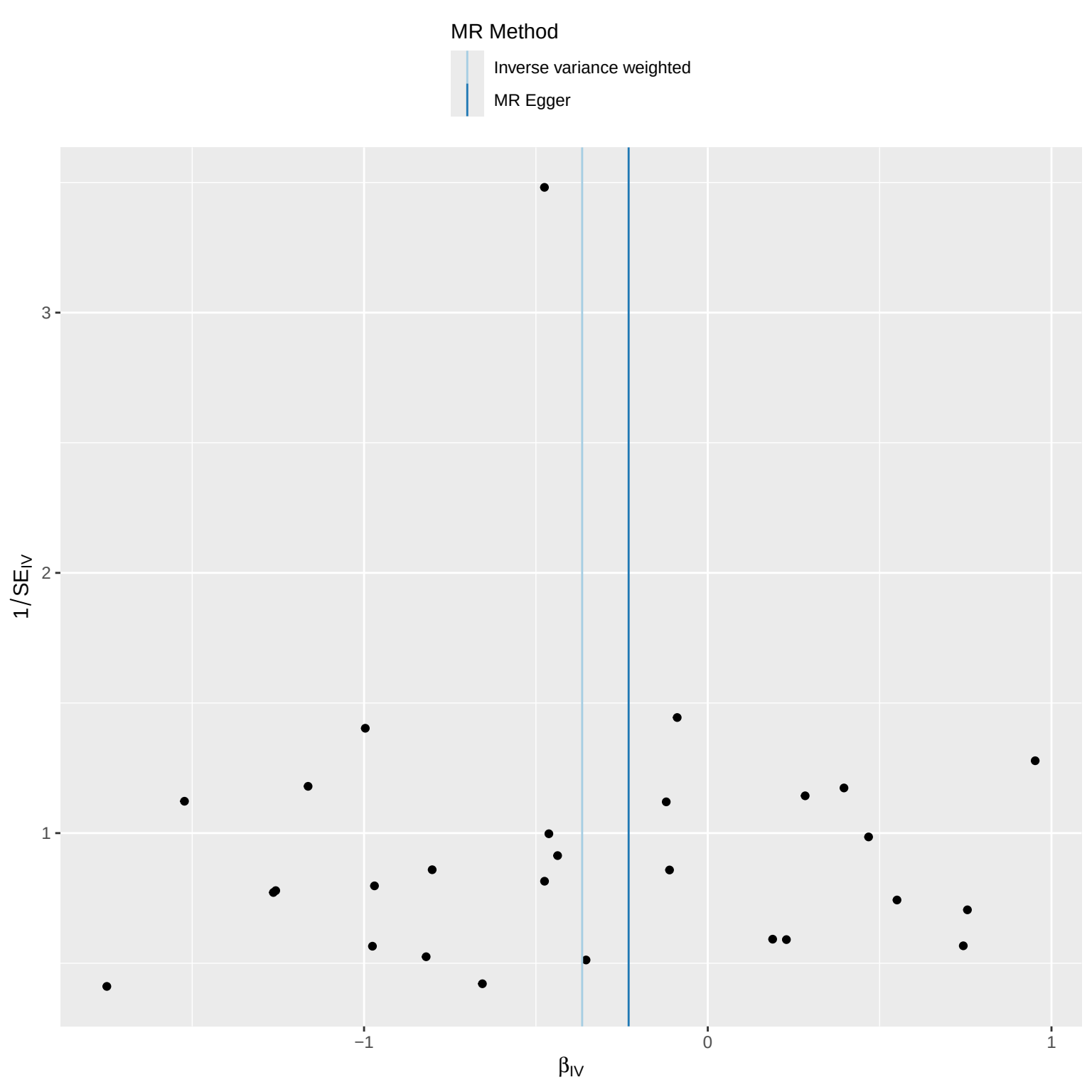

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0
1
β_IV

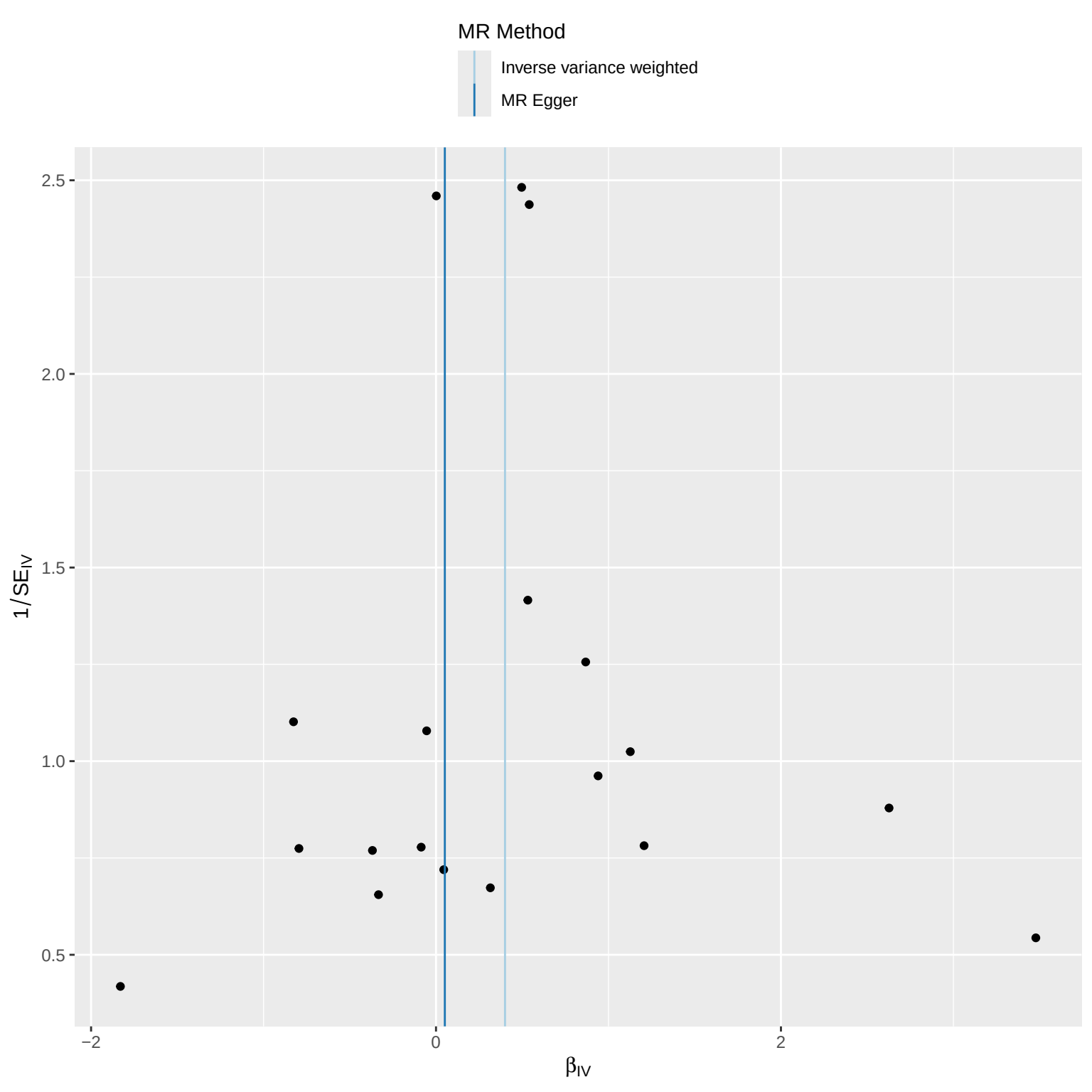

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

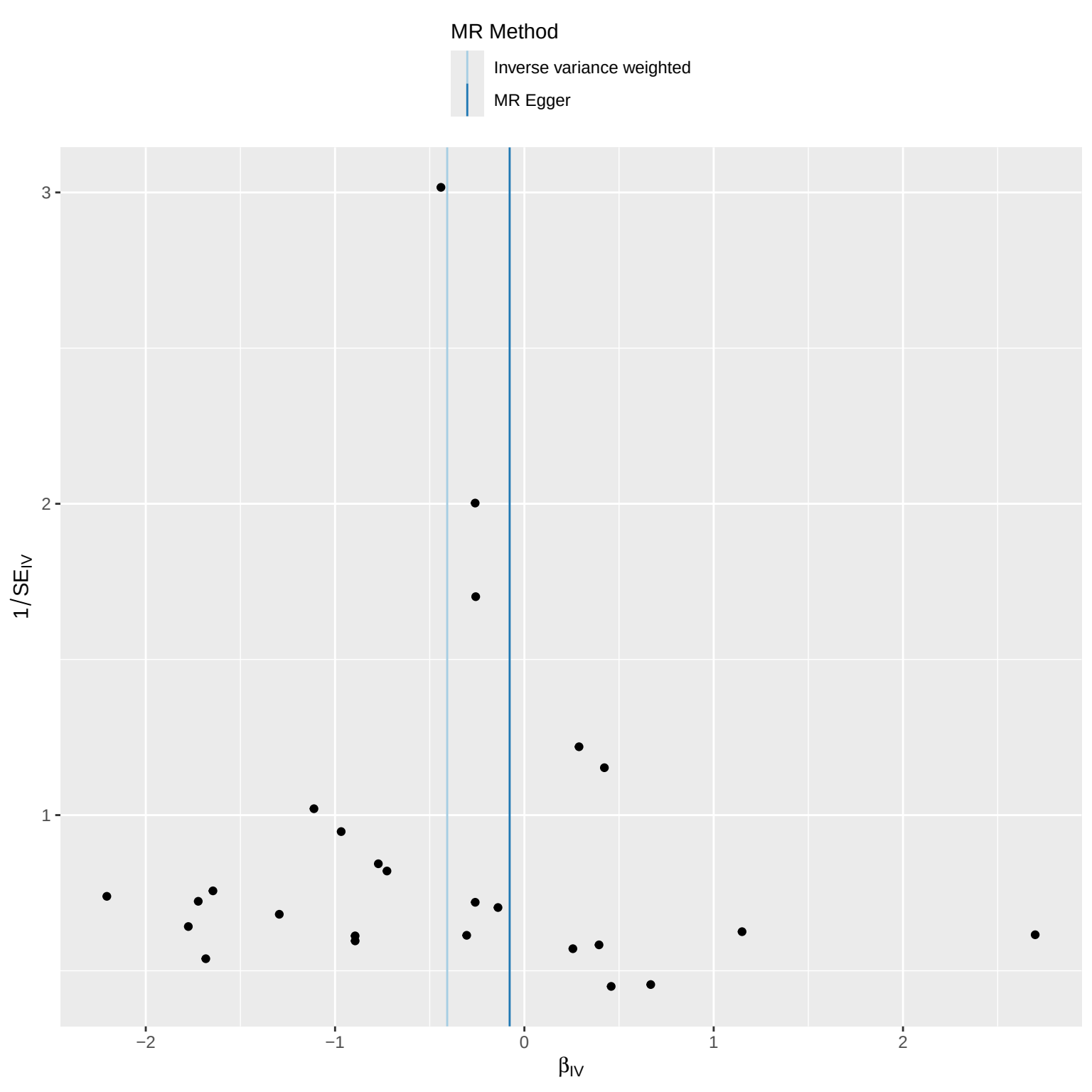

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

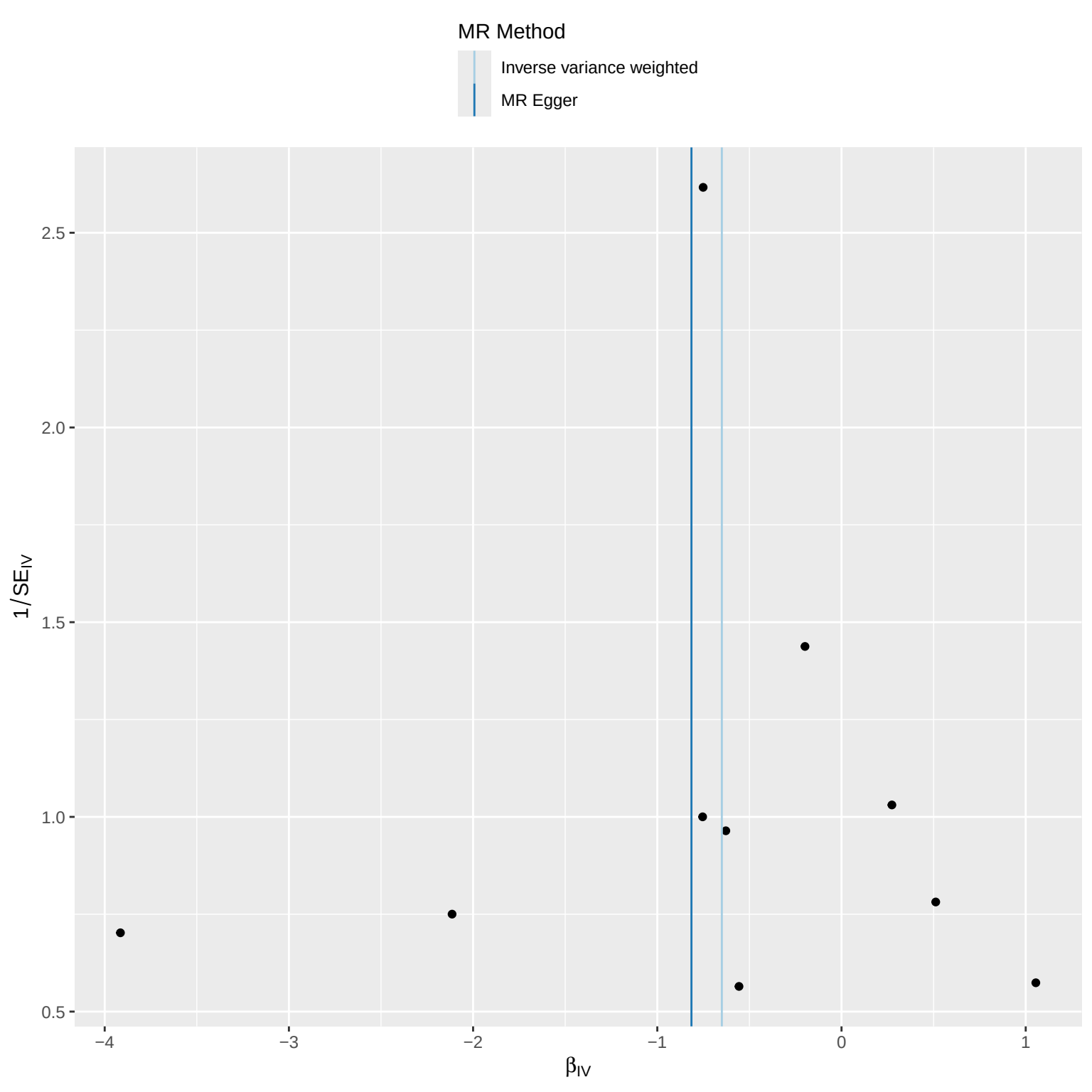

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

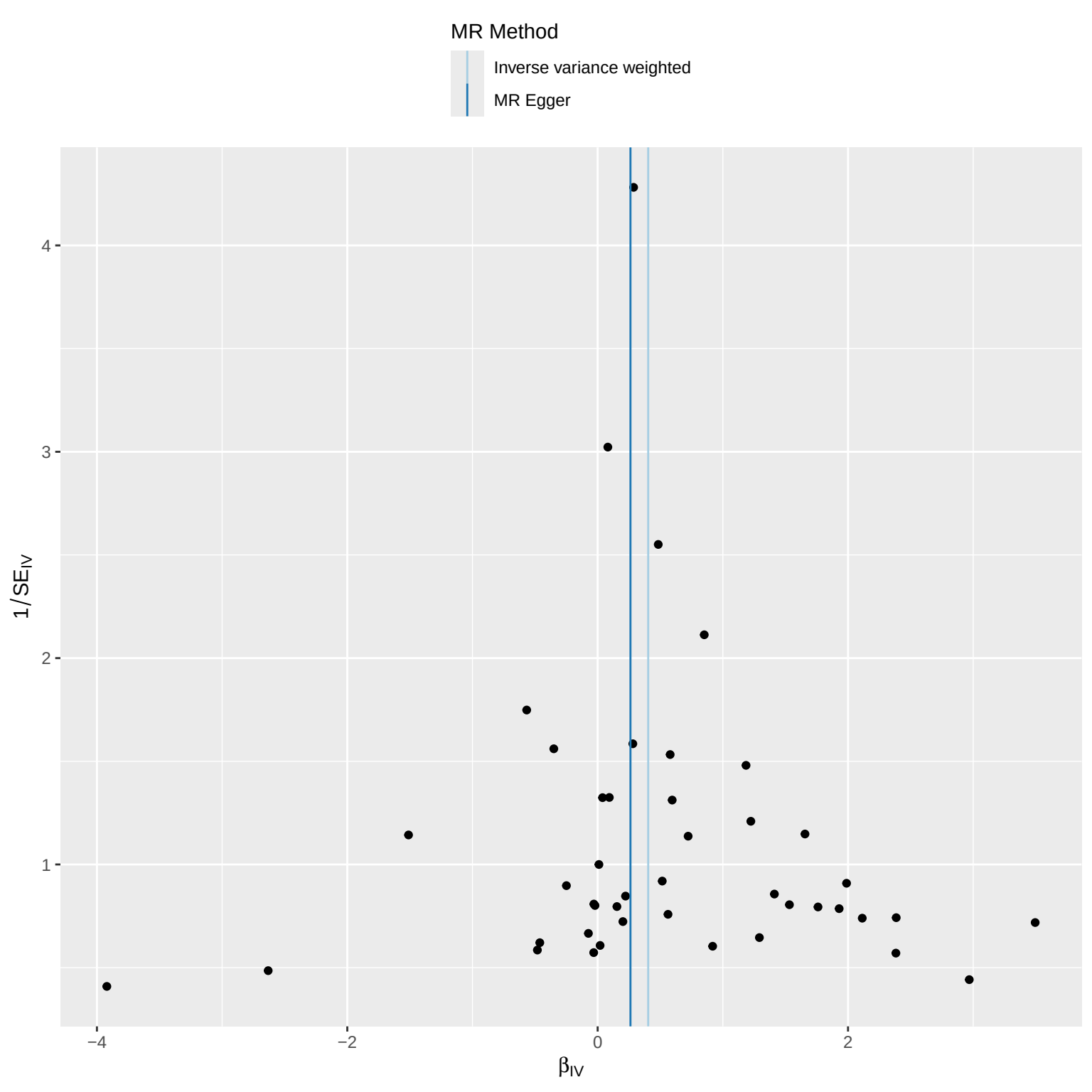

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

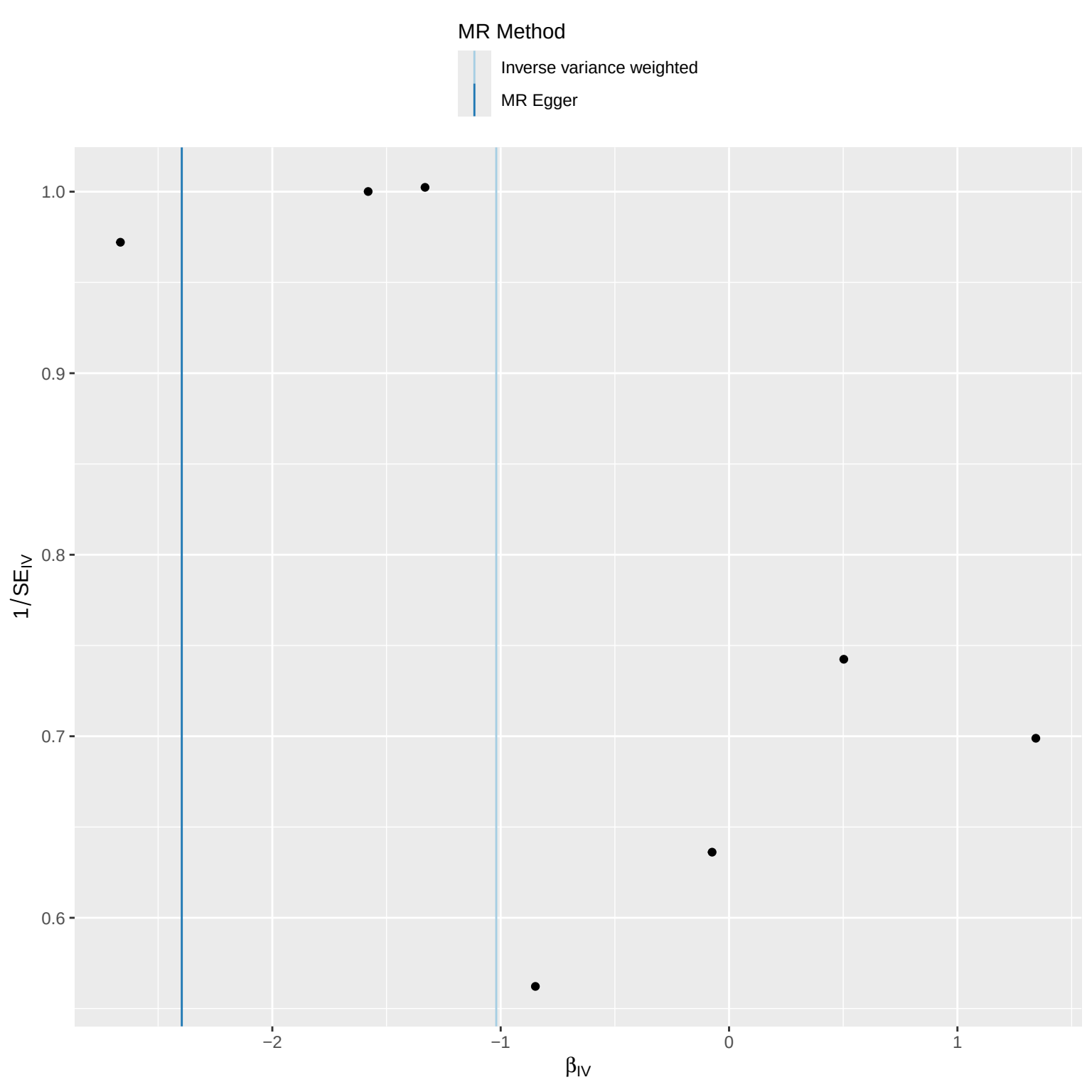

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

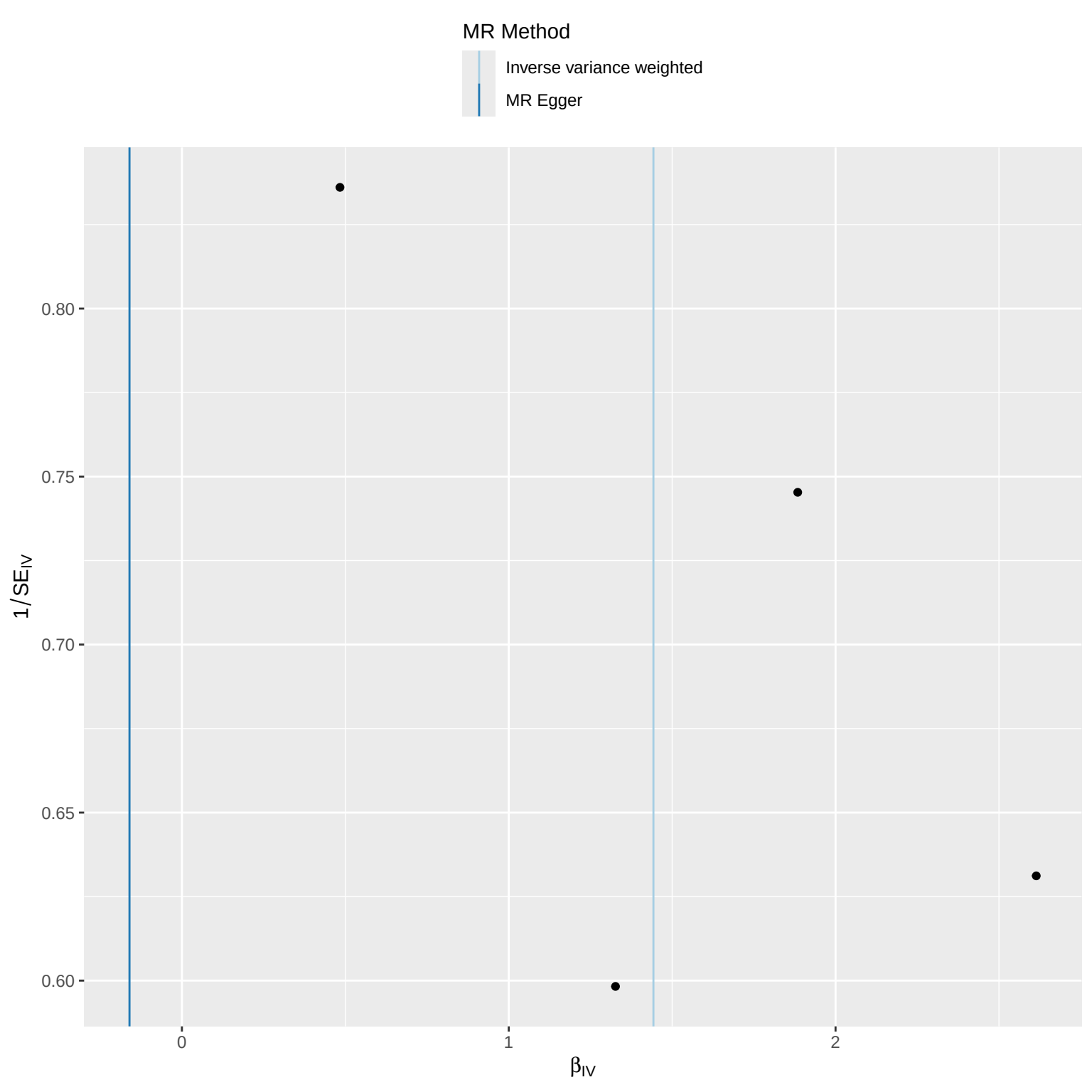

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

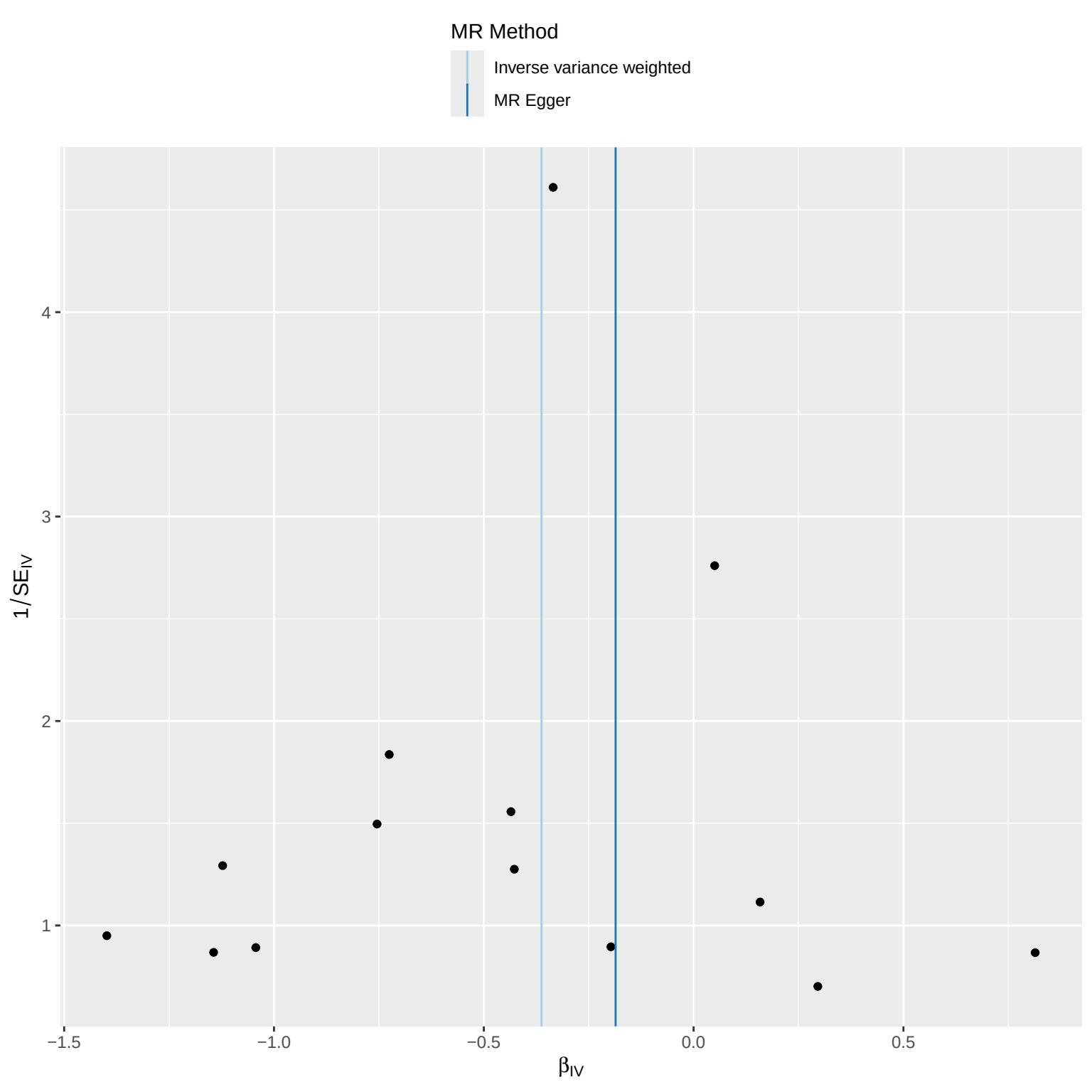

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

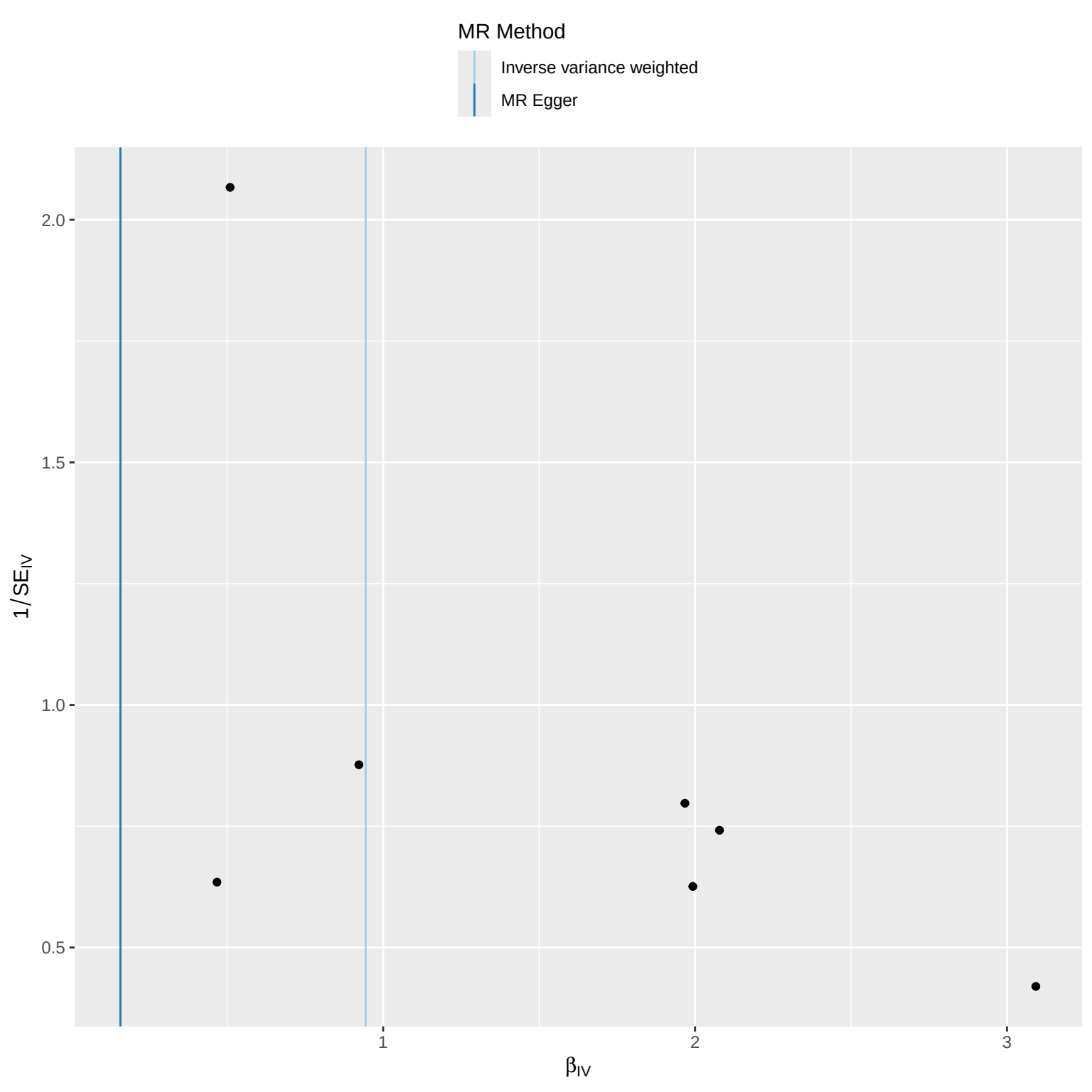

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

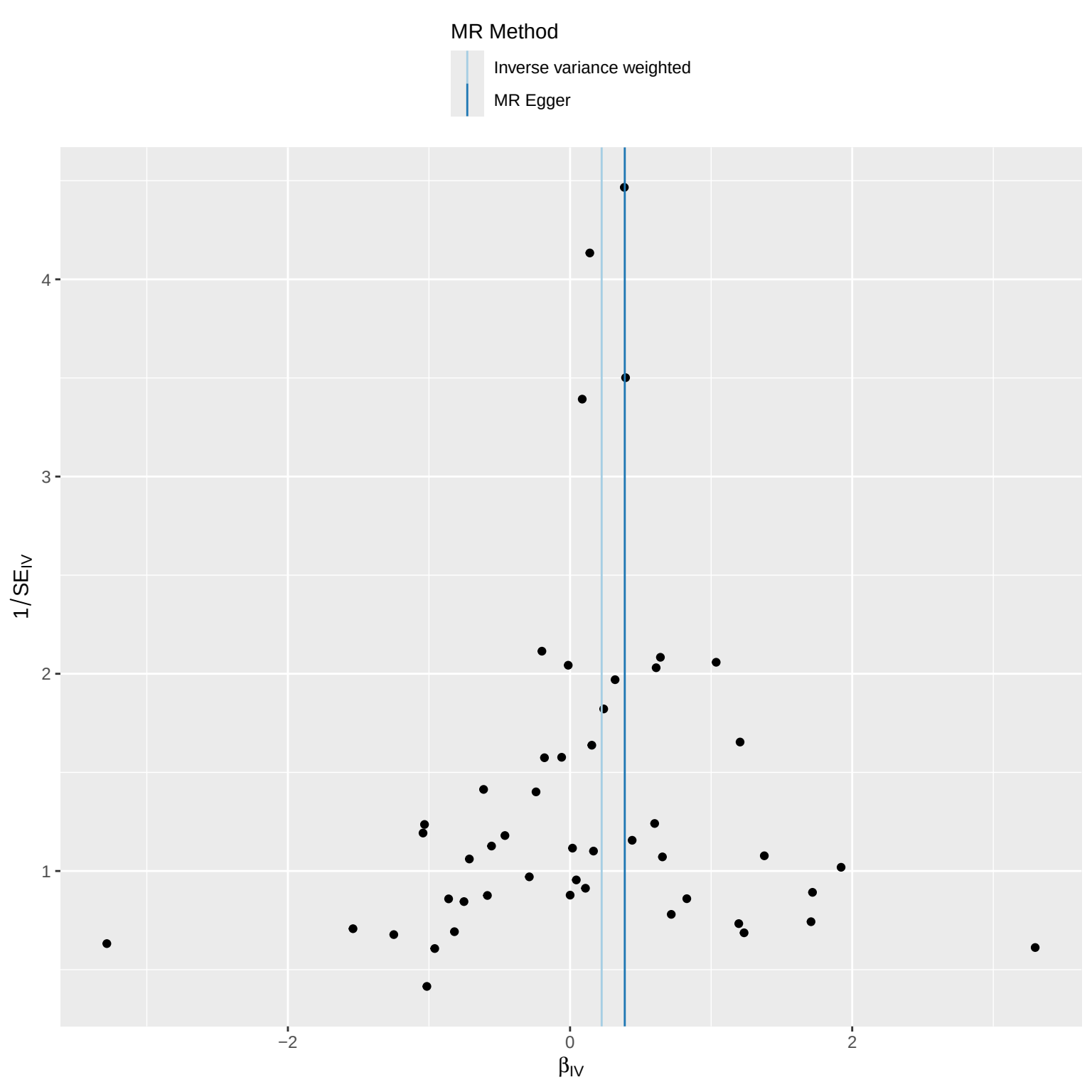

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

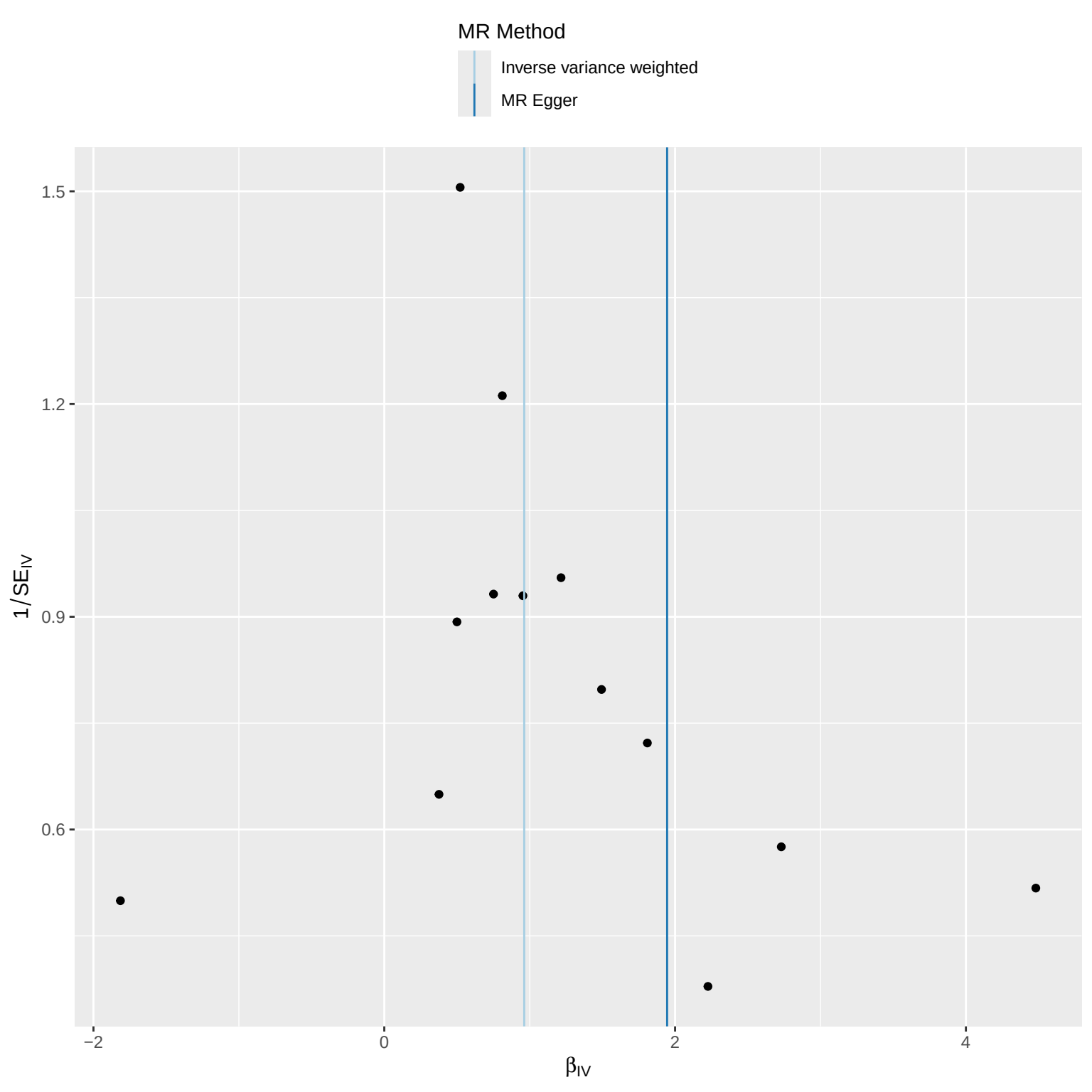

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
1/SE_IV
−2
−1
0
1
β_IV

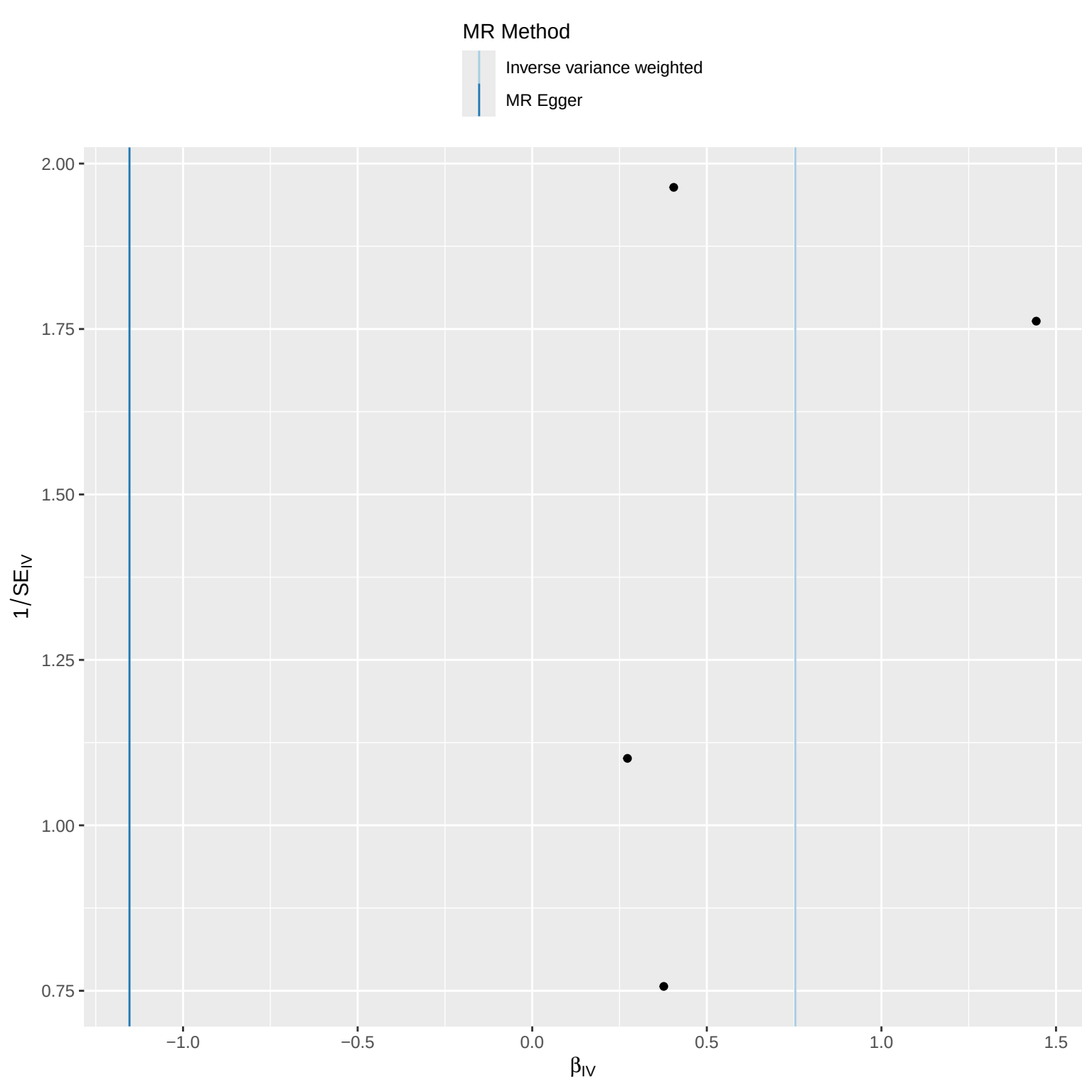

MR Method
Inverse variance weighted
MR Egger
0.80
0.75
0.70
0.65
0.60
1/SE_IV
0
1
2
β_IV

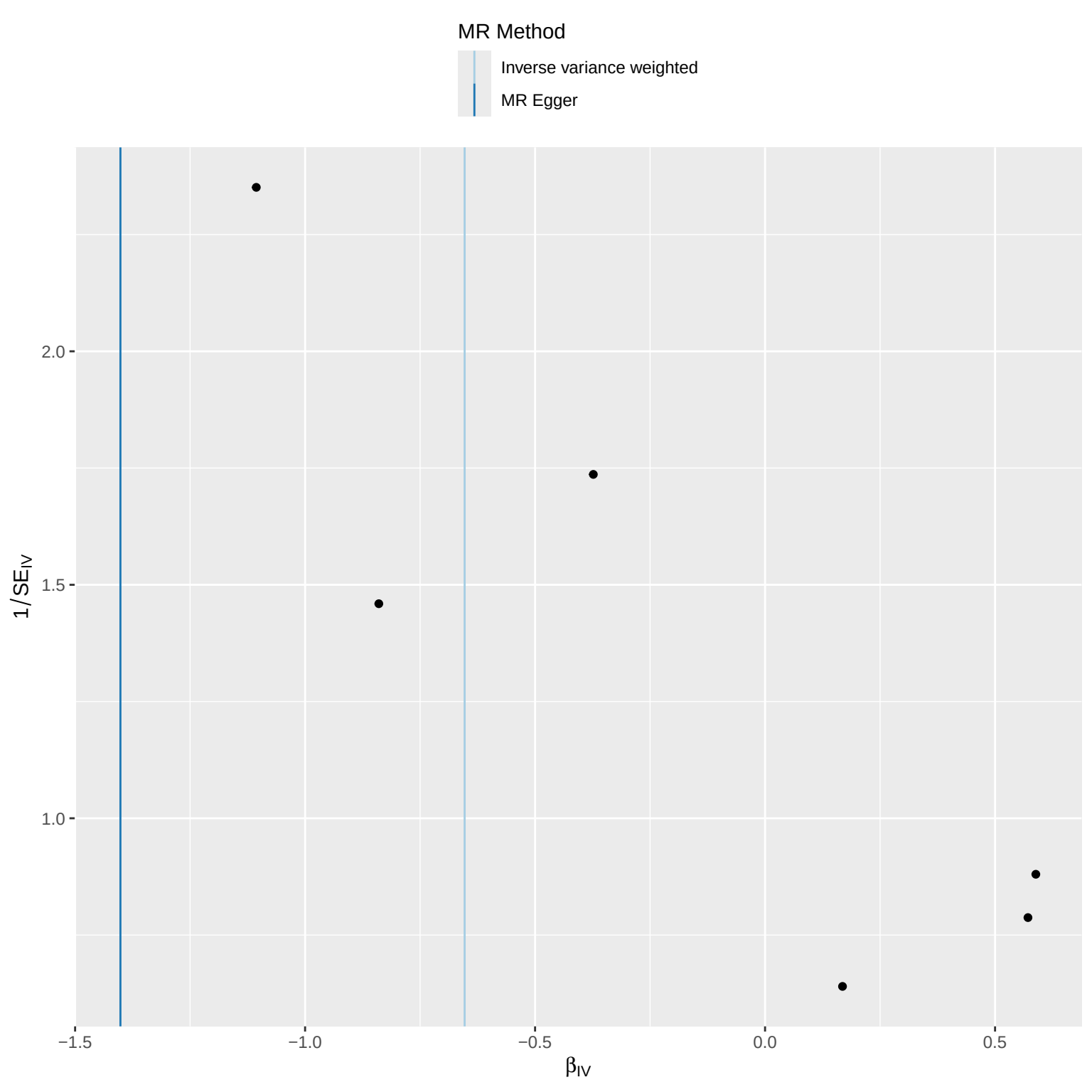

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

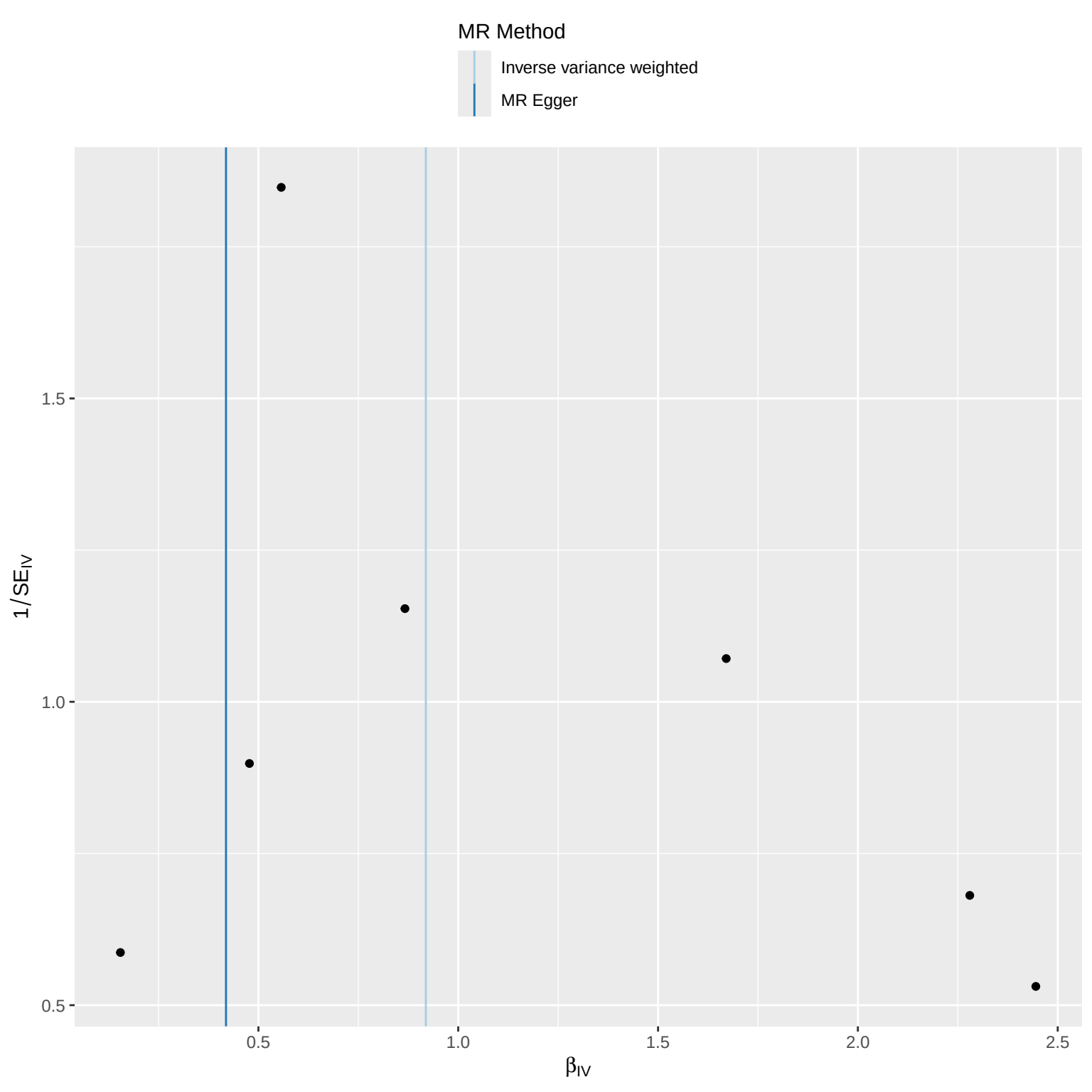

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
1
2
3
β_IV

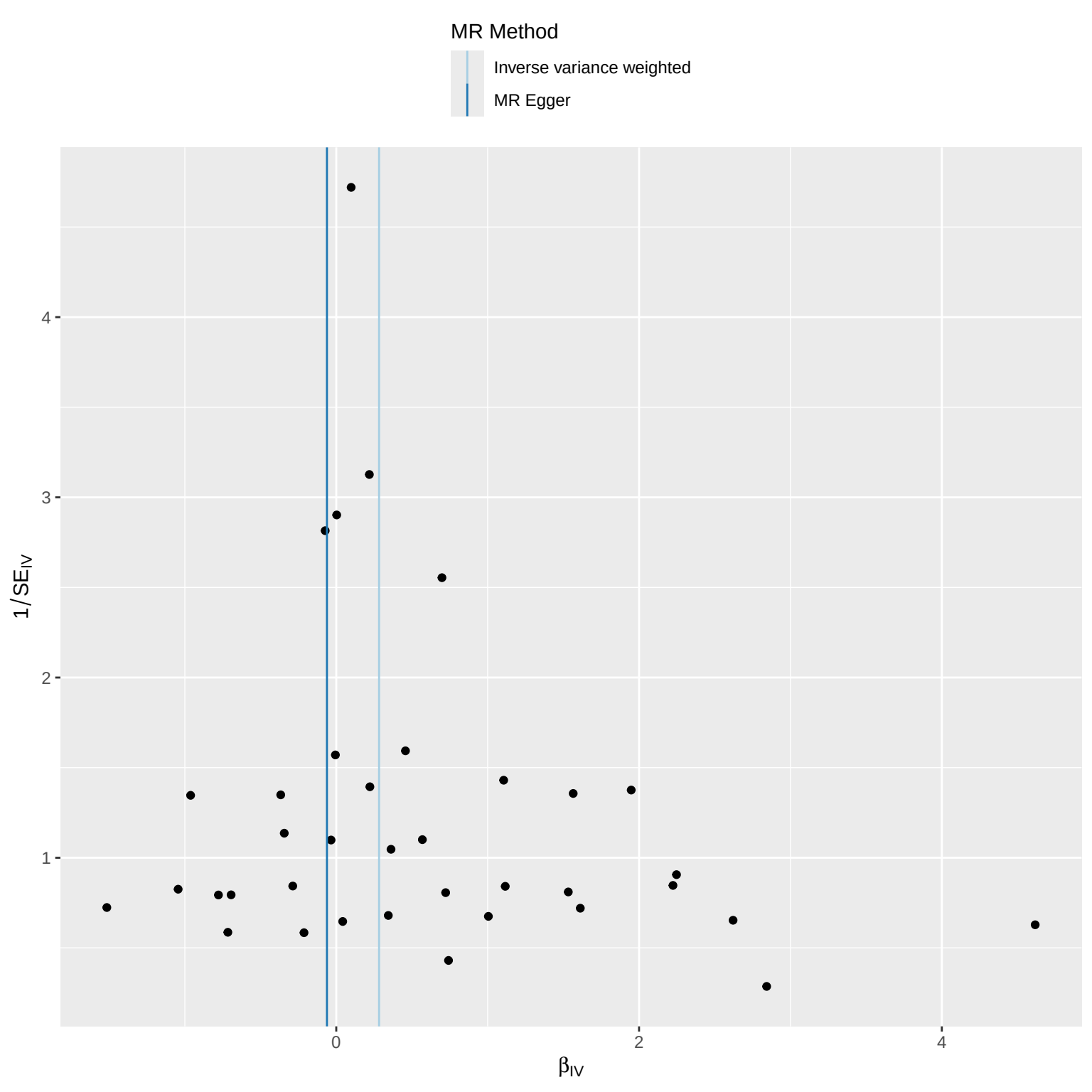

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

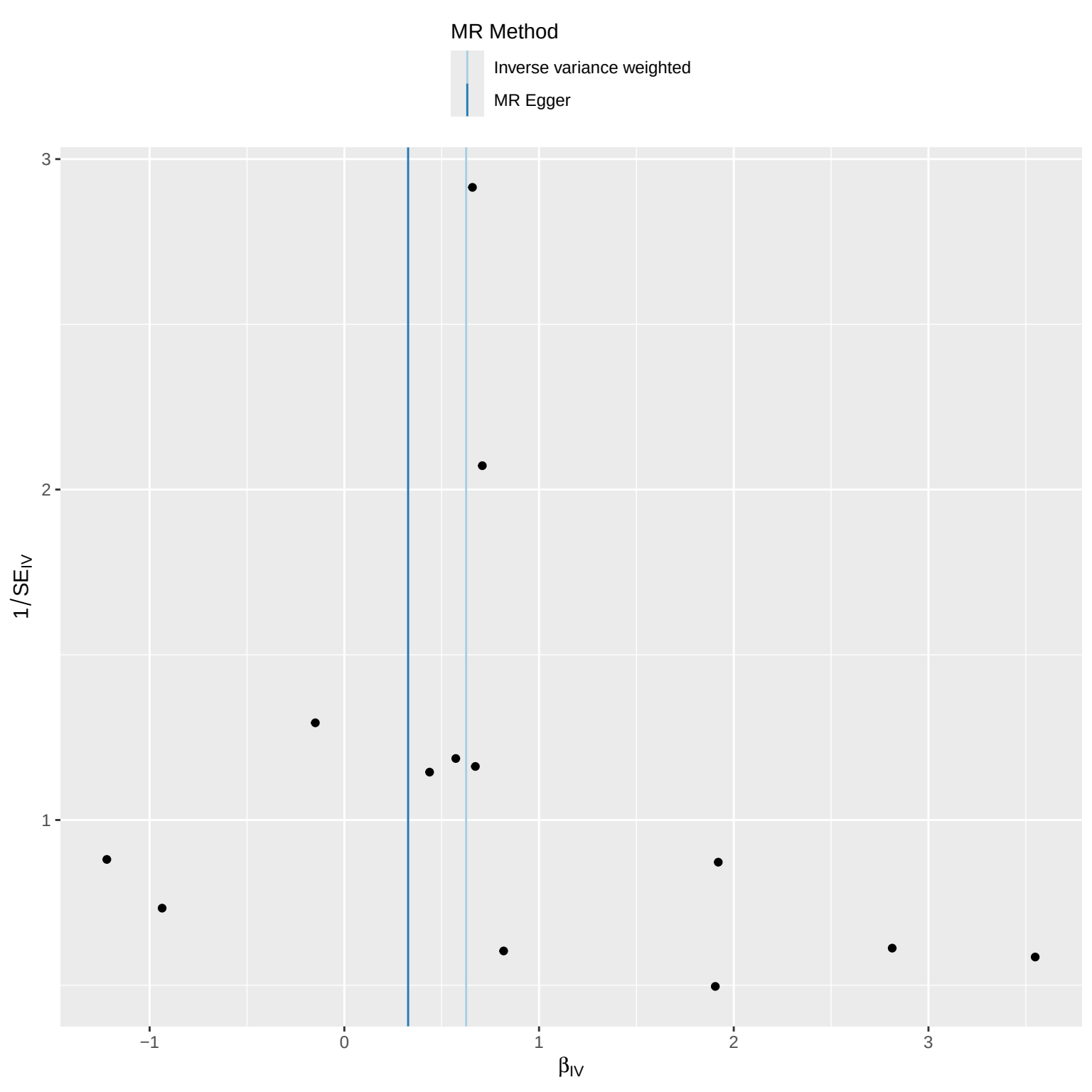

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−2
0
2
4
β_IV

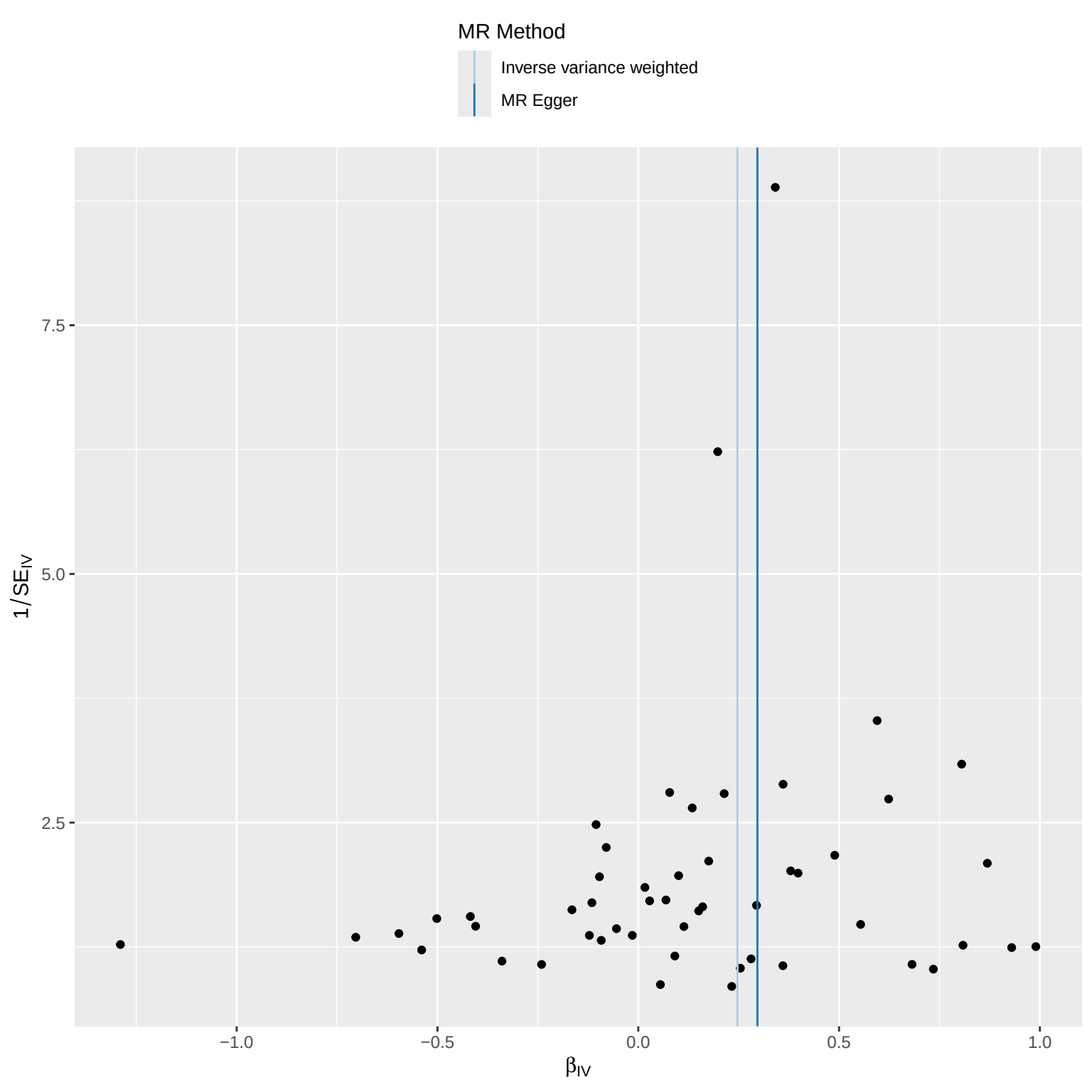

MR Method
Inverse variance weighted
MR Egger
2.00
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
1.5
β_IV

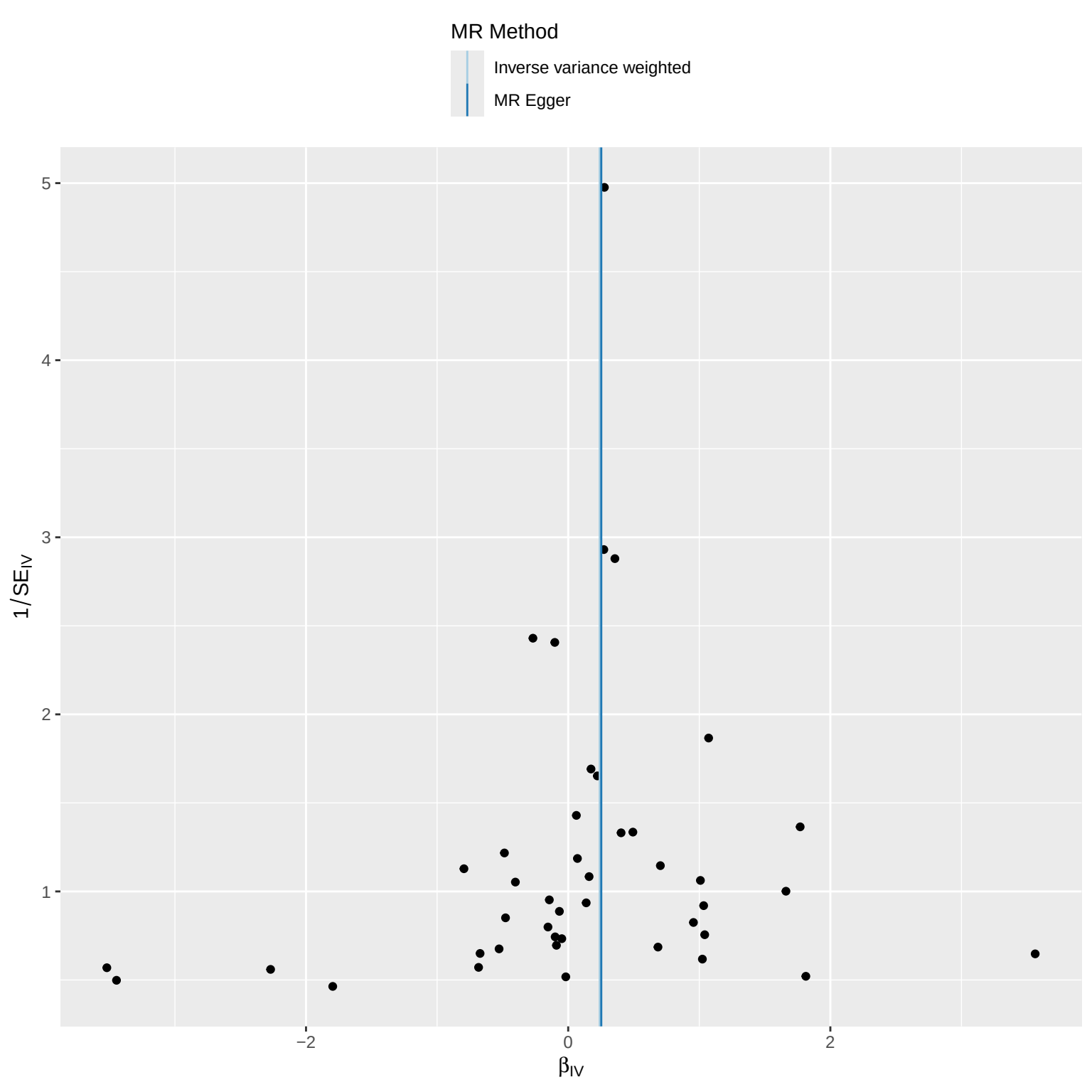

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

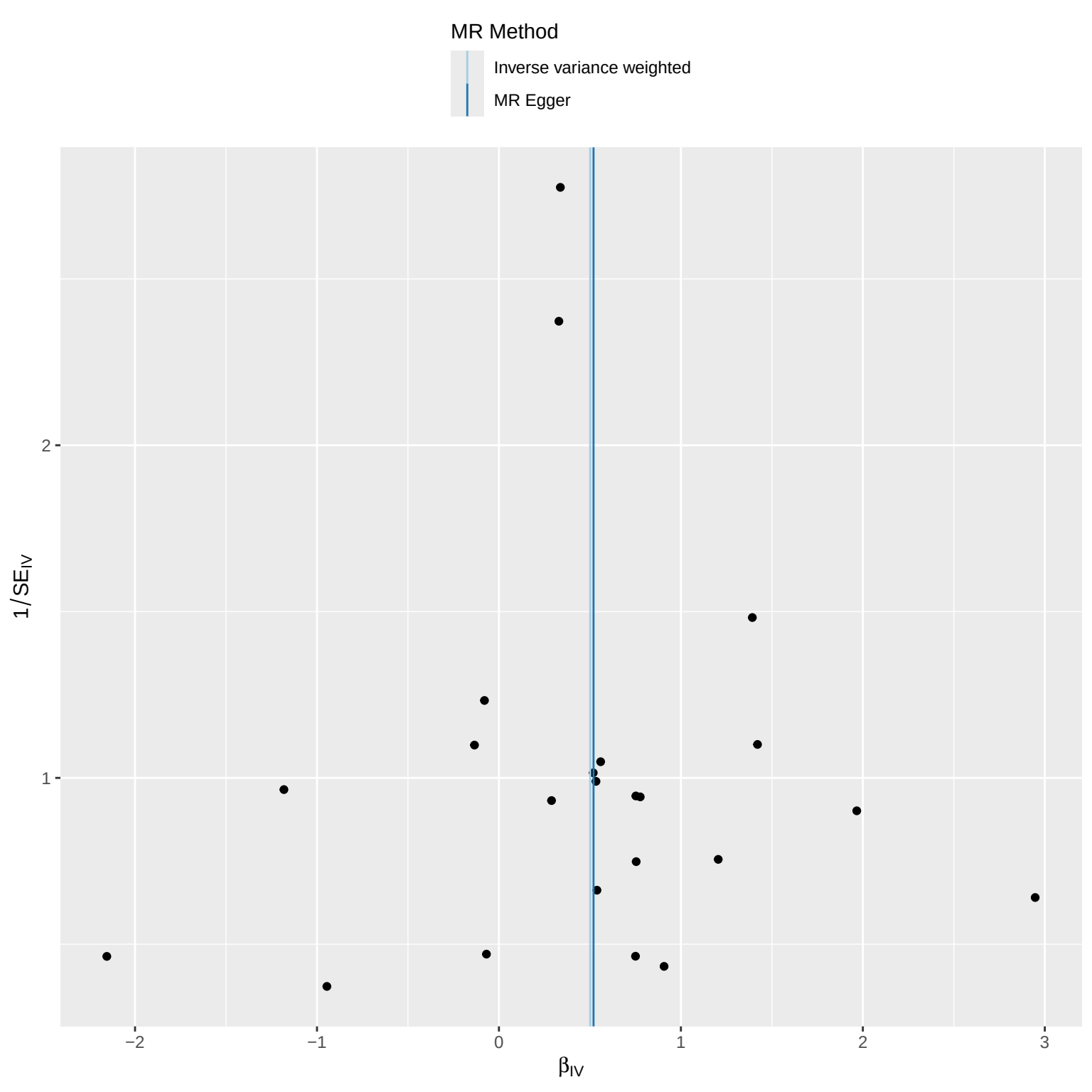

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0.5
1.0
1.5
2.0
2.5
β_IV

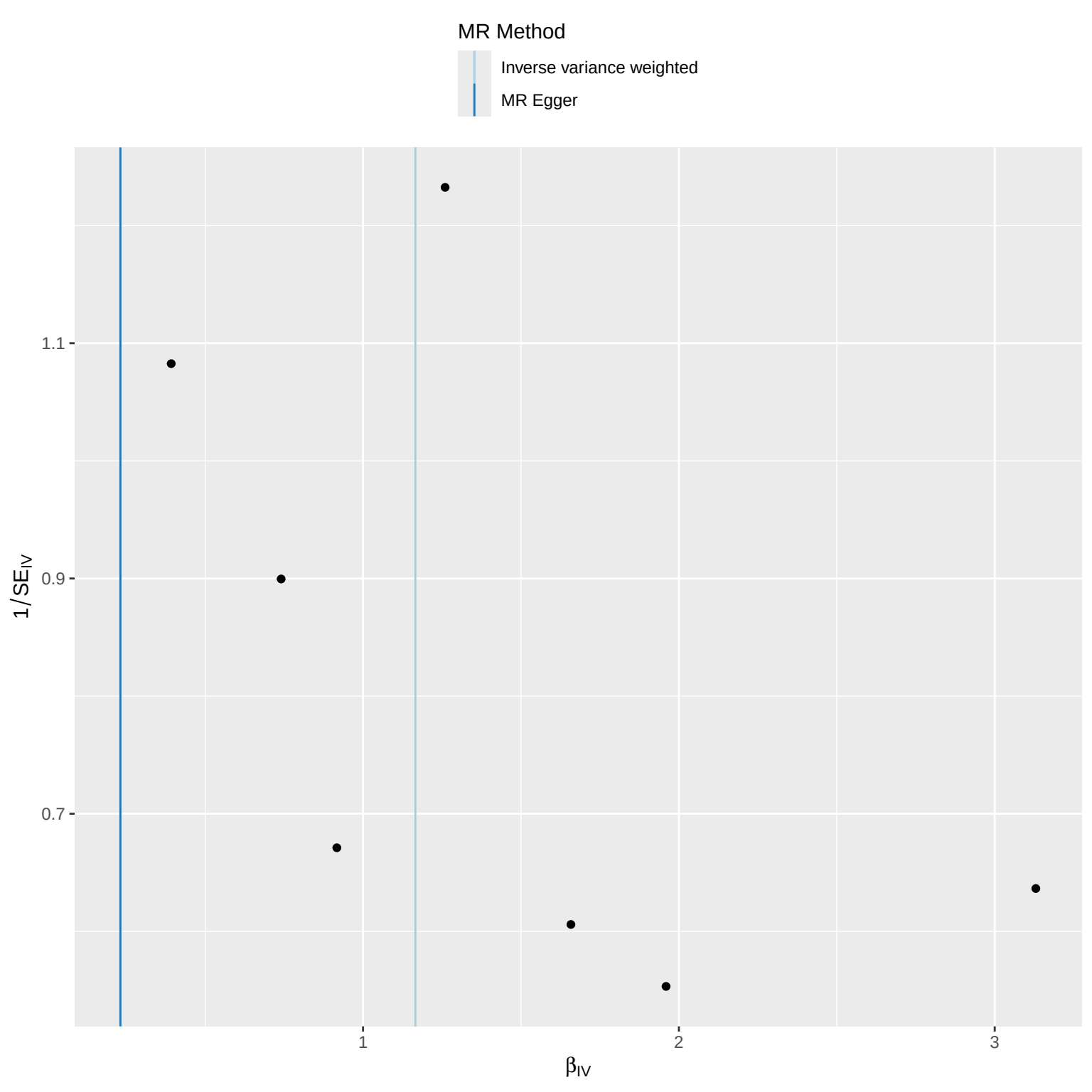

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
0
2
4
β_{IV}

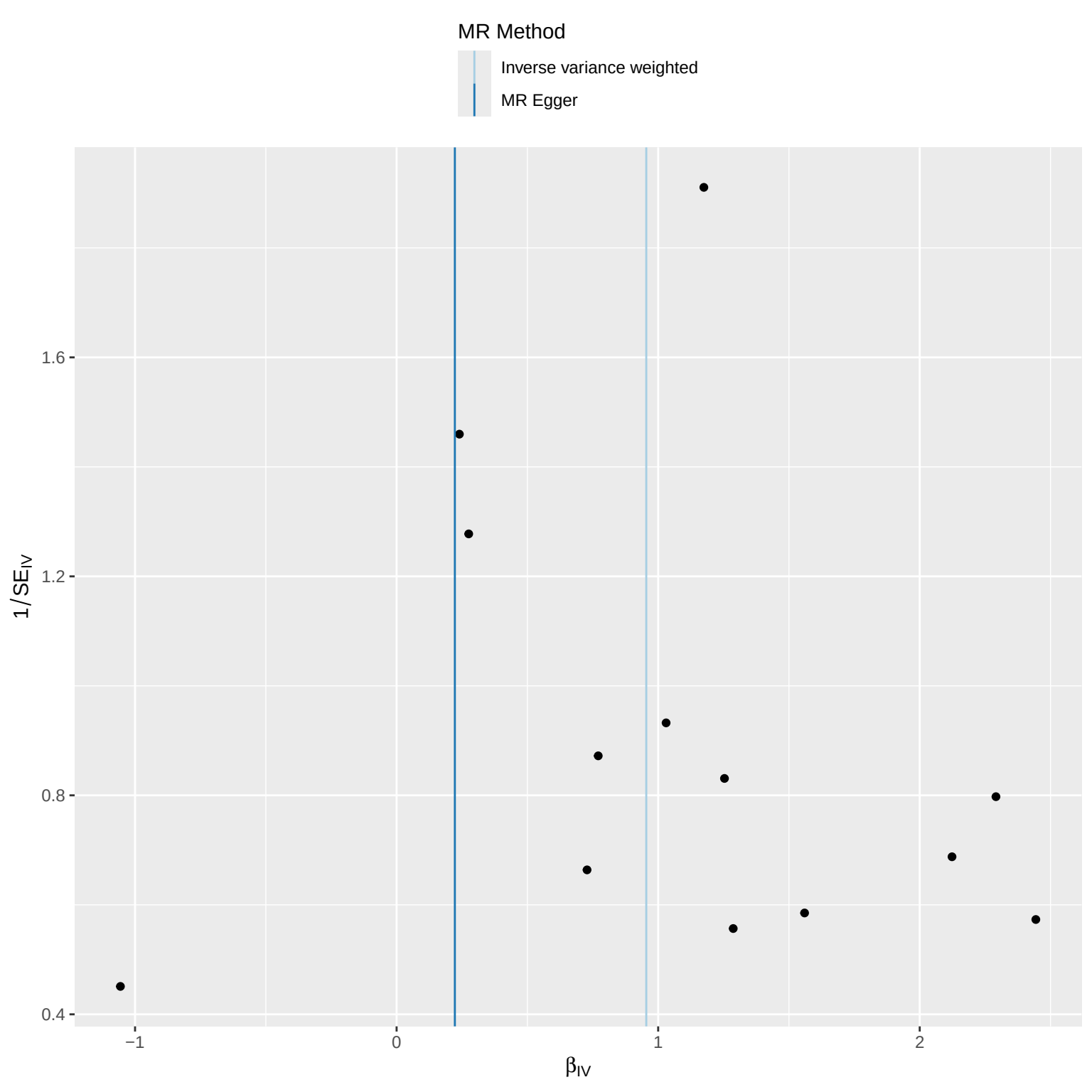

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

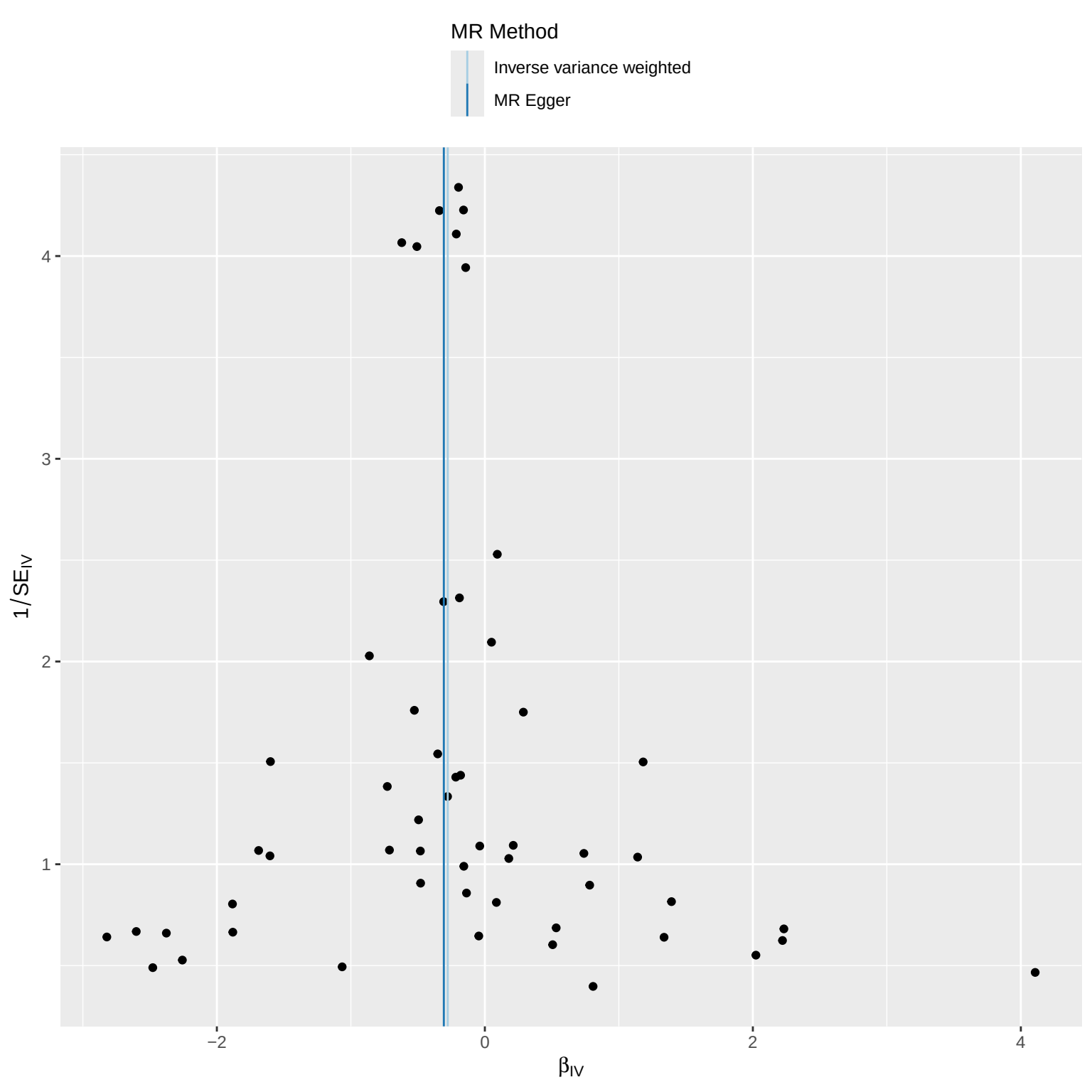

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

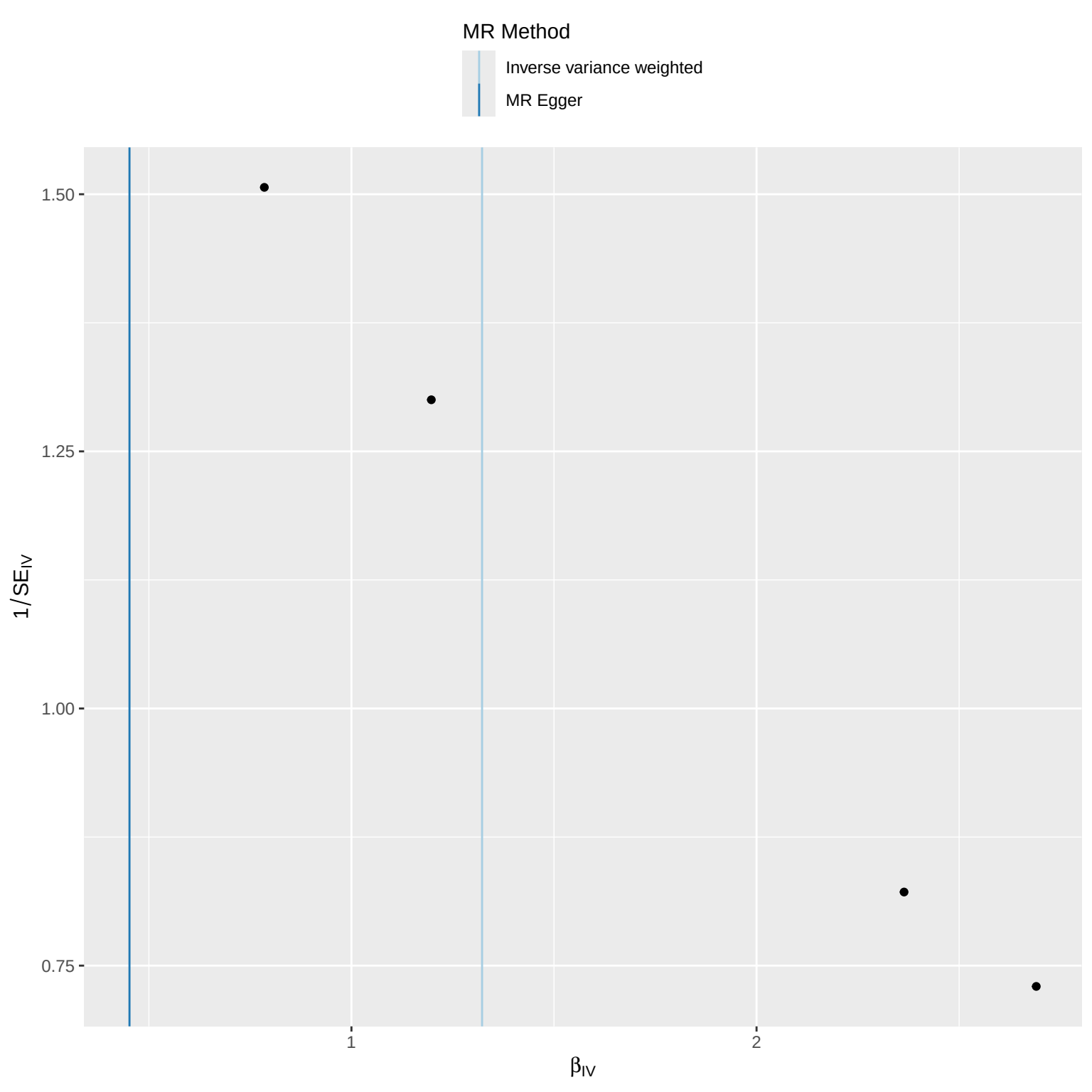

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
0
2
β_IV

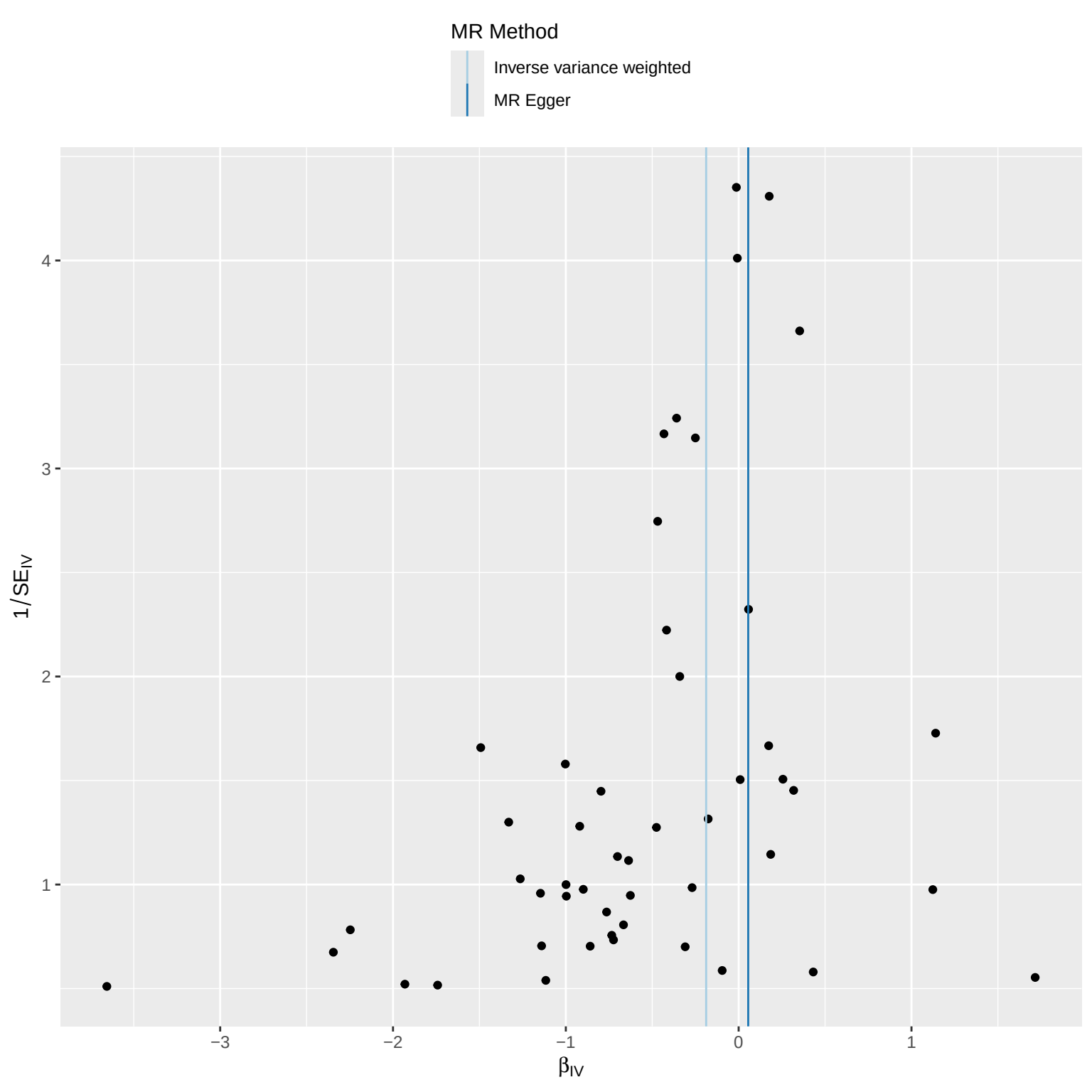

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

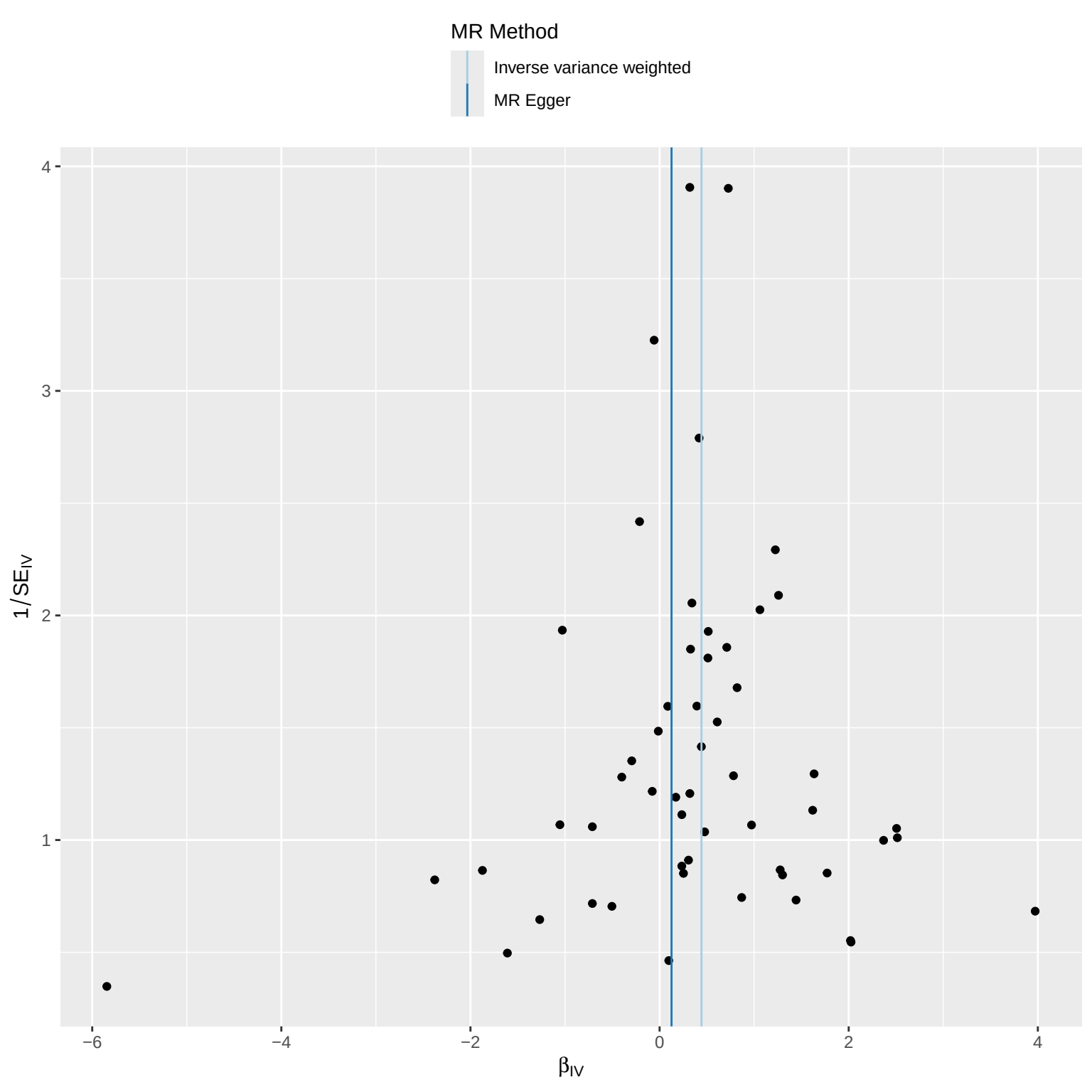

MR Method
Inverse variance weighted
MR Egger
1.1
0.9
0.7
1/SE_IV
1
2
3
β_IV

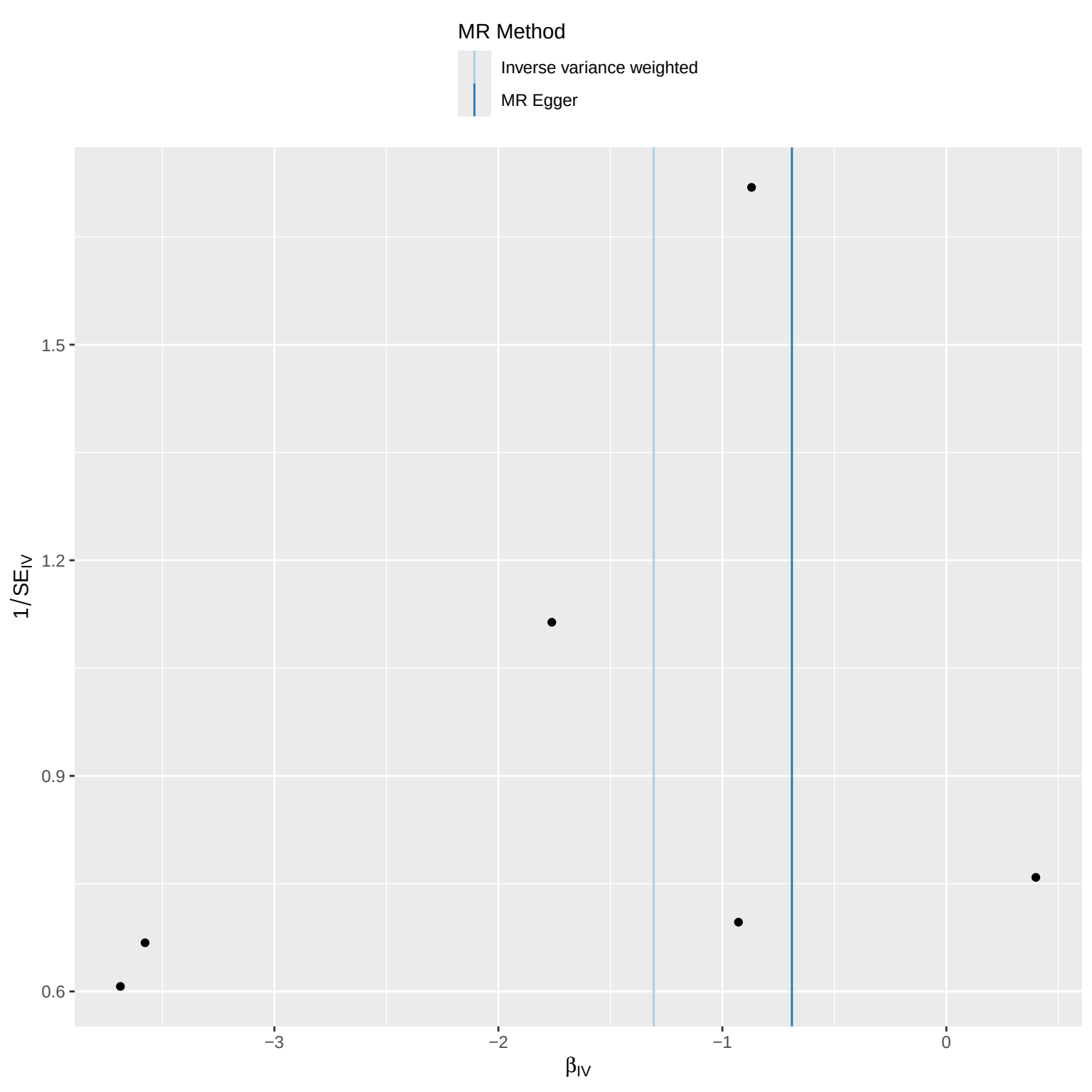

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1
0
1
2
β_IV

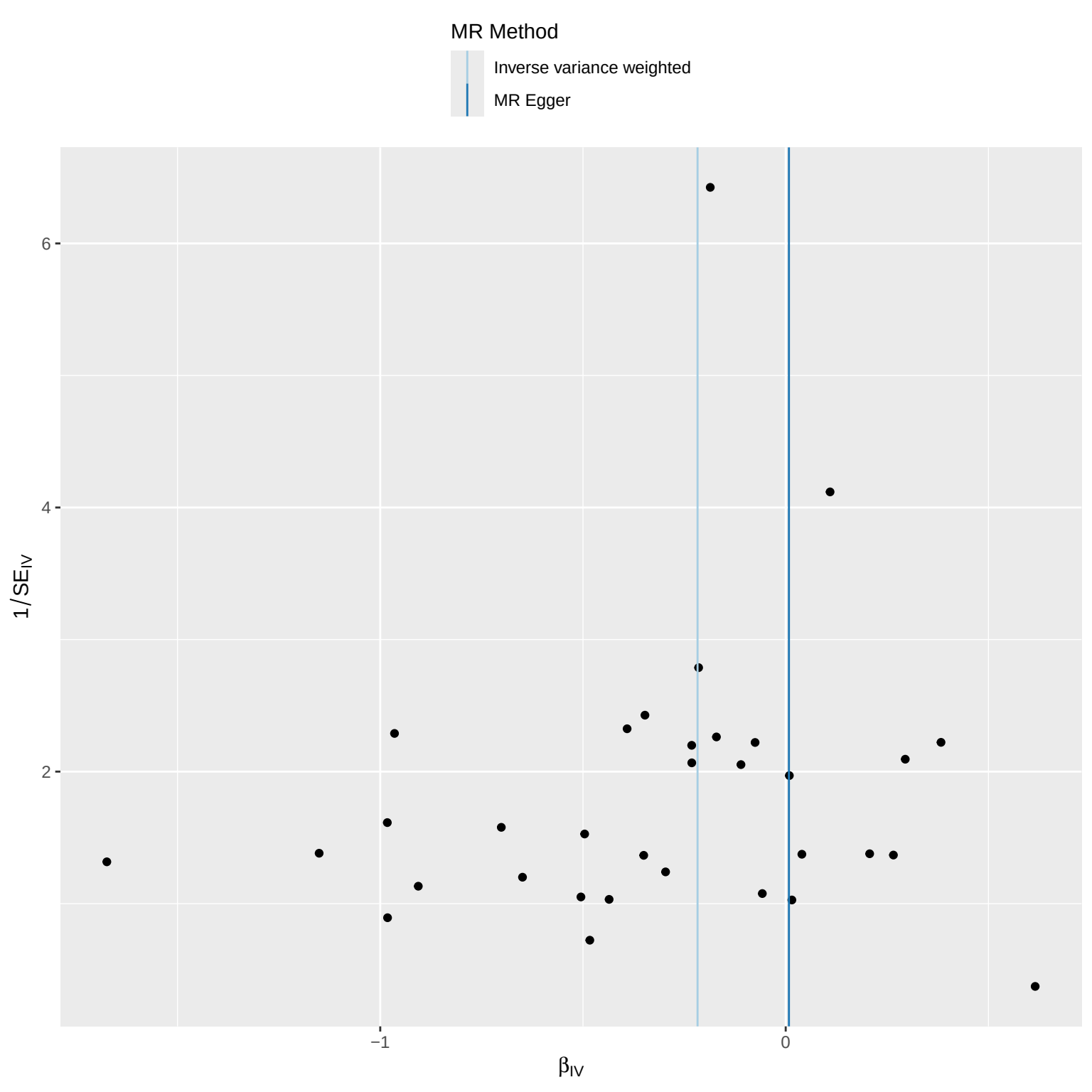

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

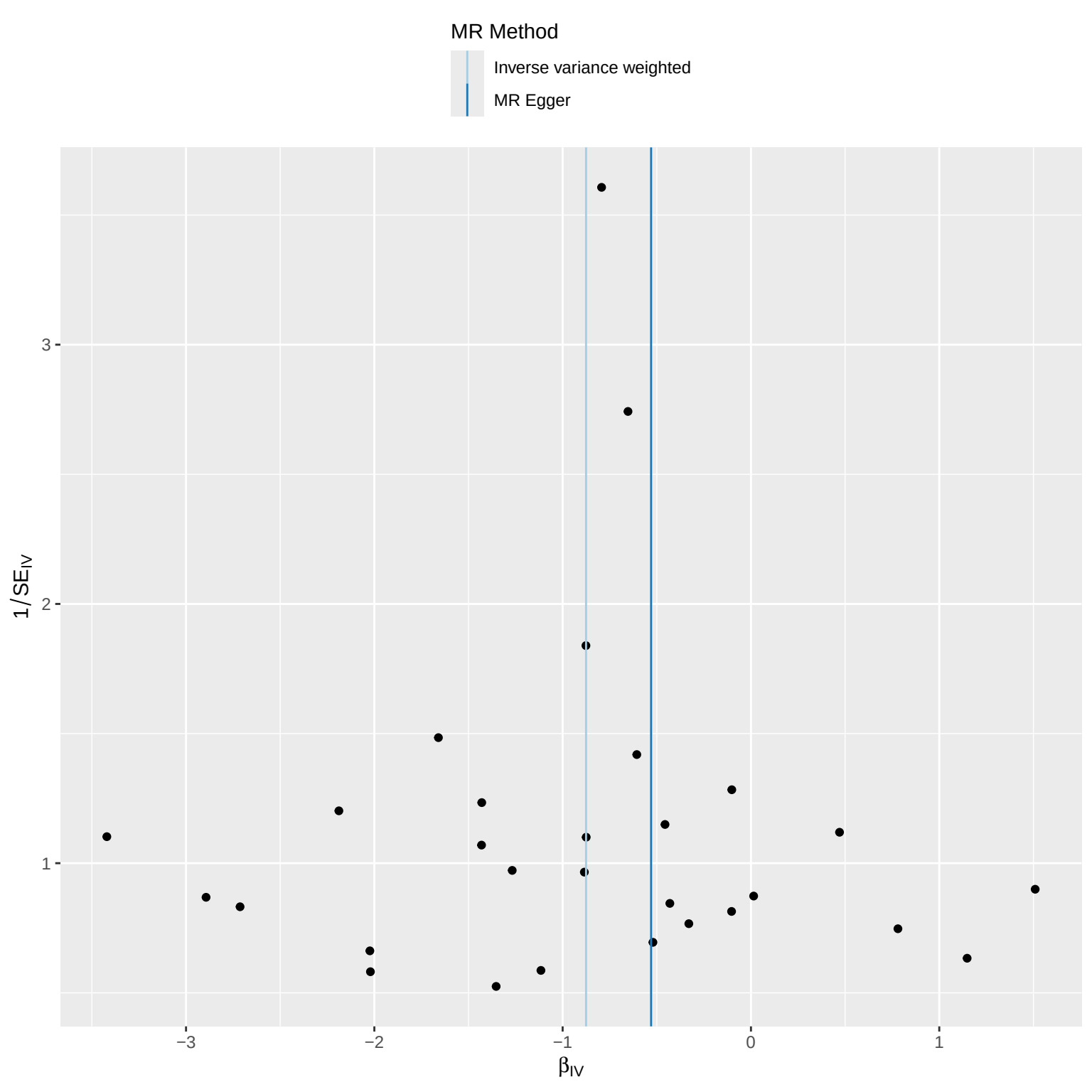

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
1
2
β_IV

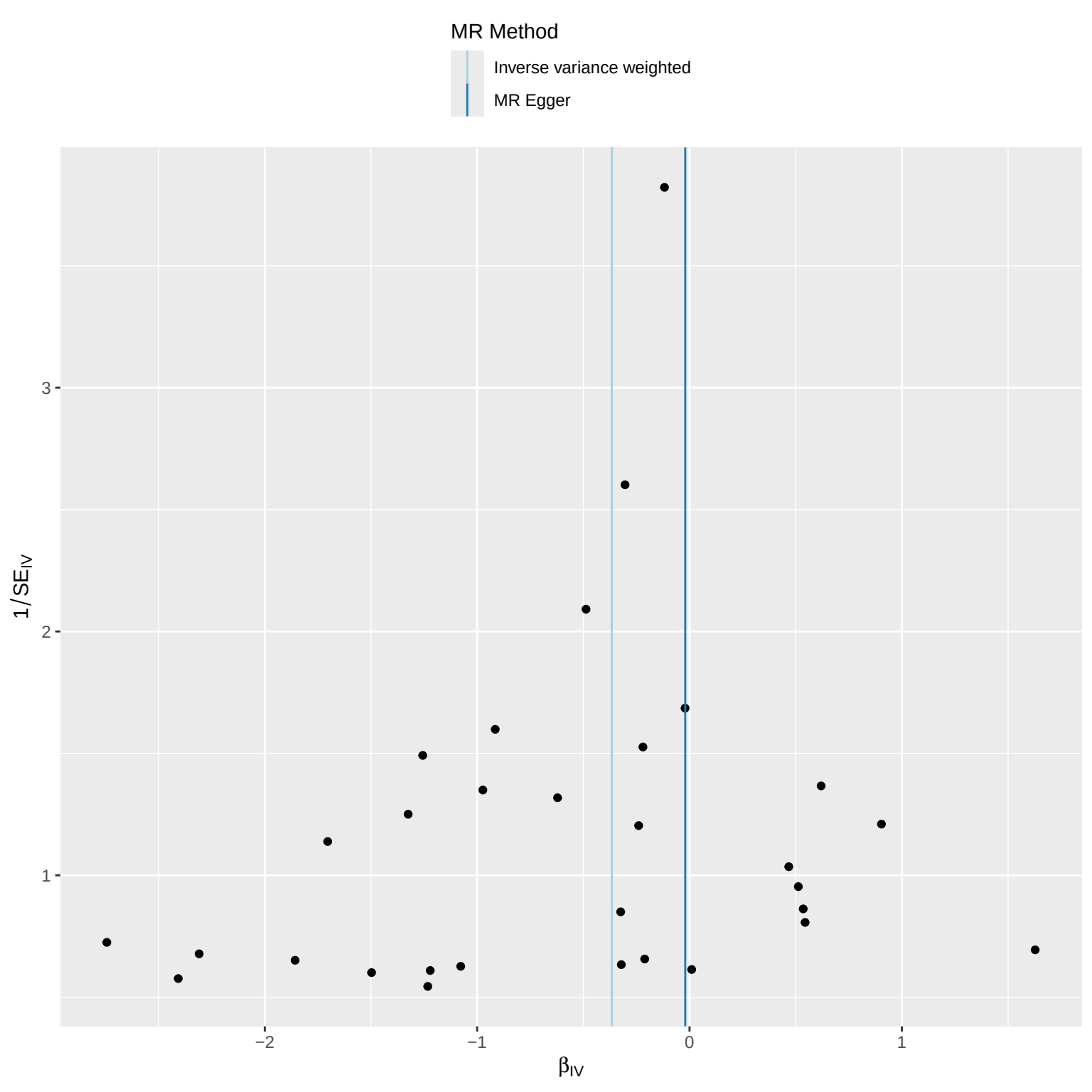

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

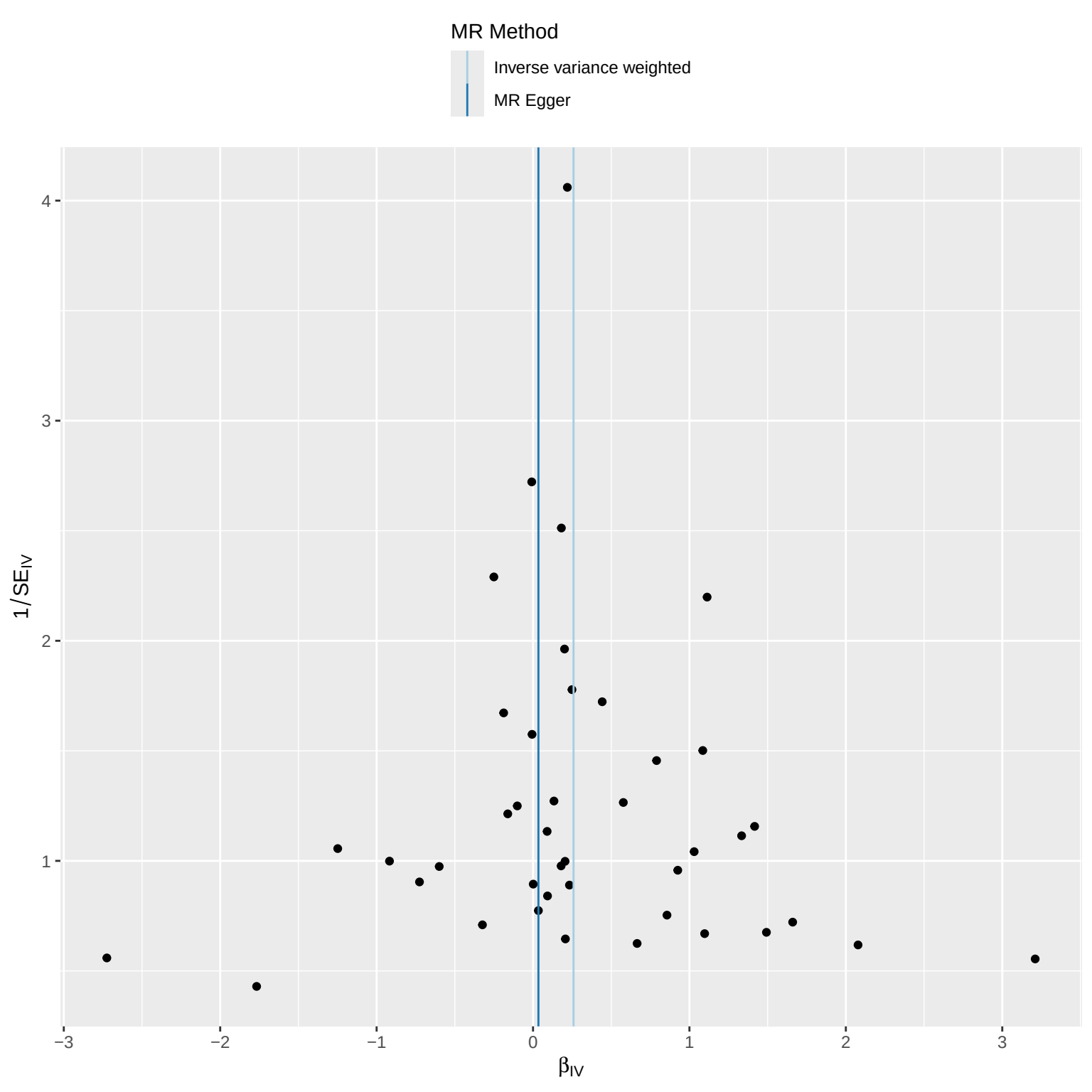

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−6
−4
−2
0
2
4
β_IV

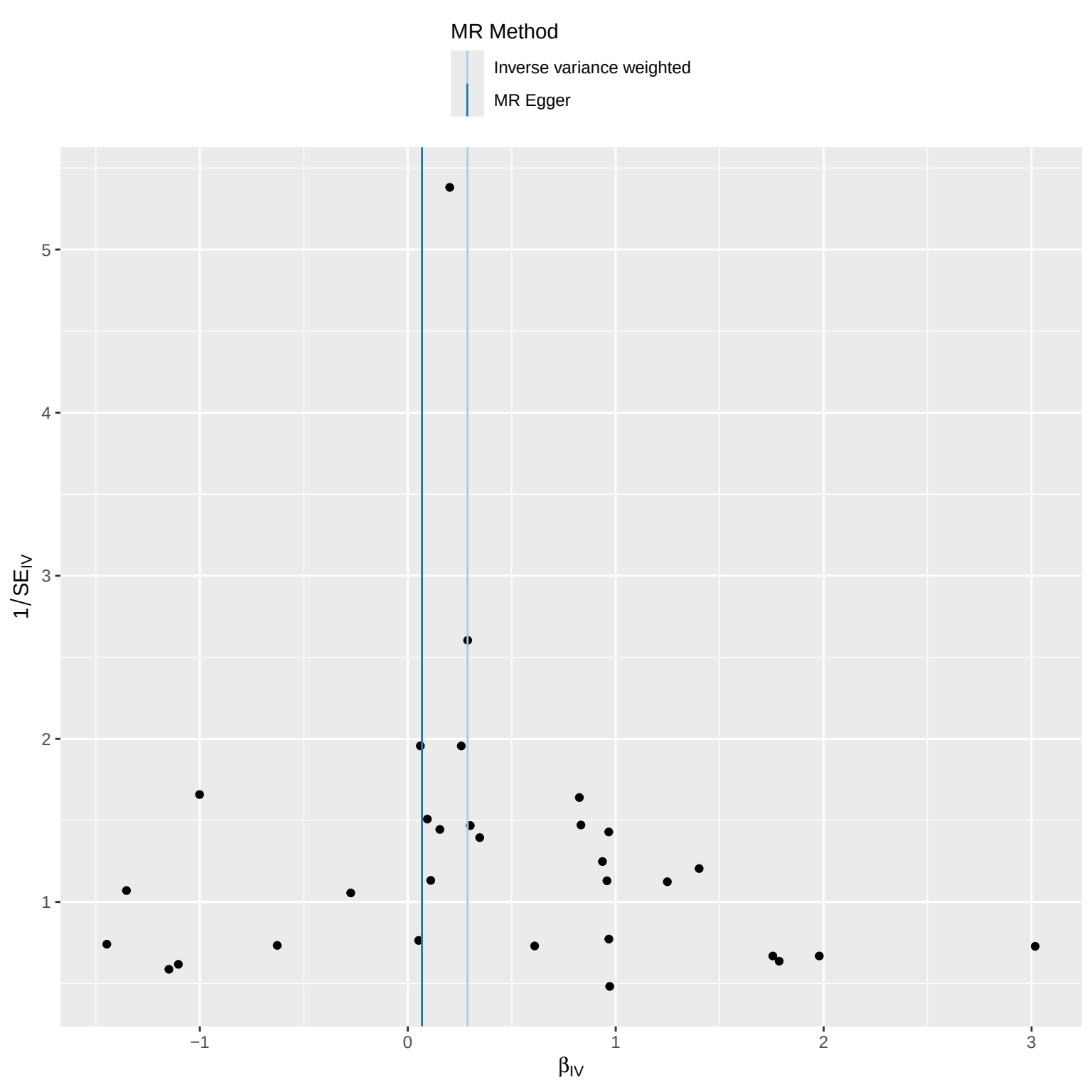

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
−3
−2
−1
0
β_IV

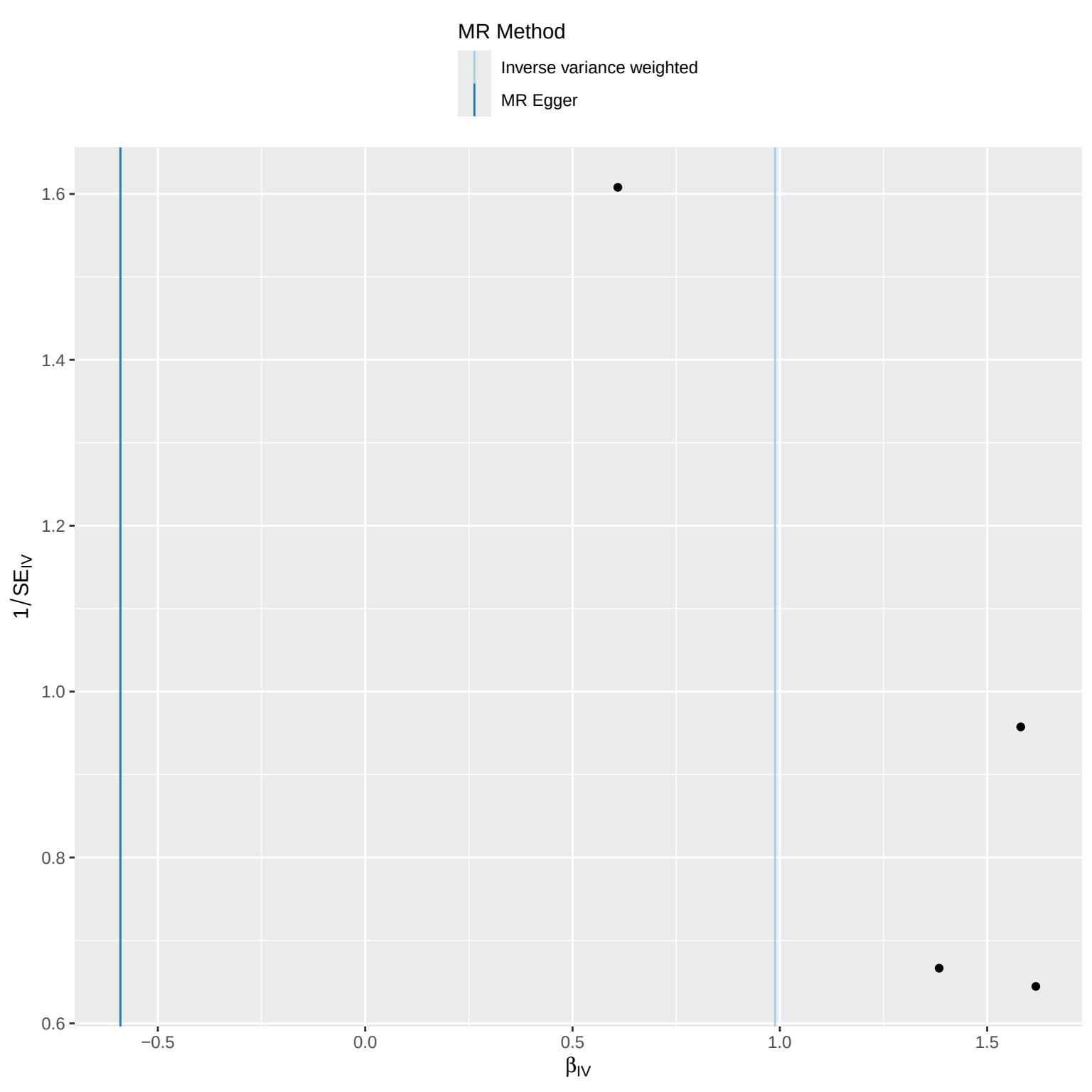

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
β_IV

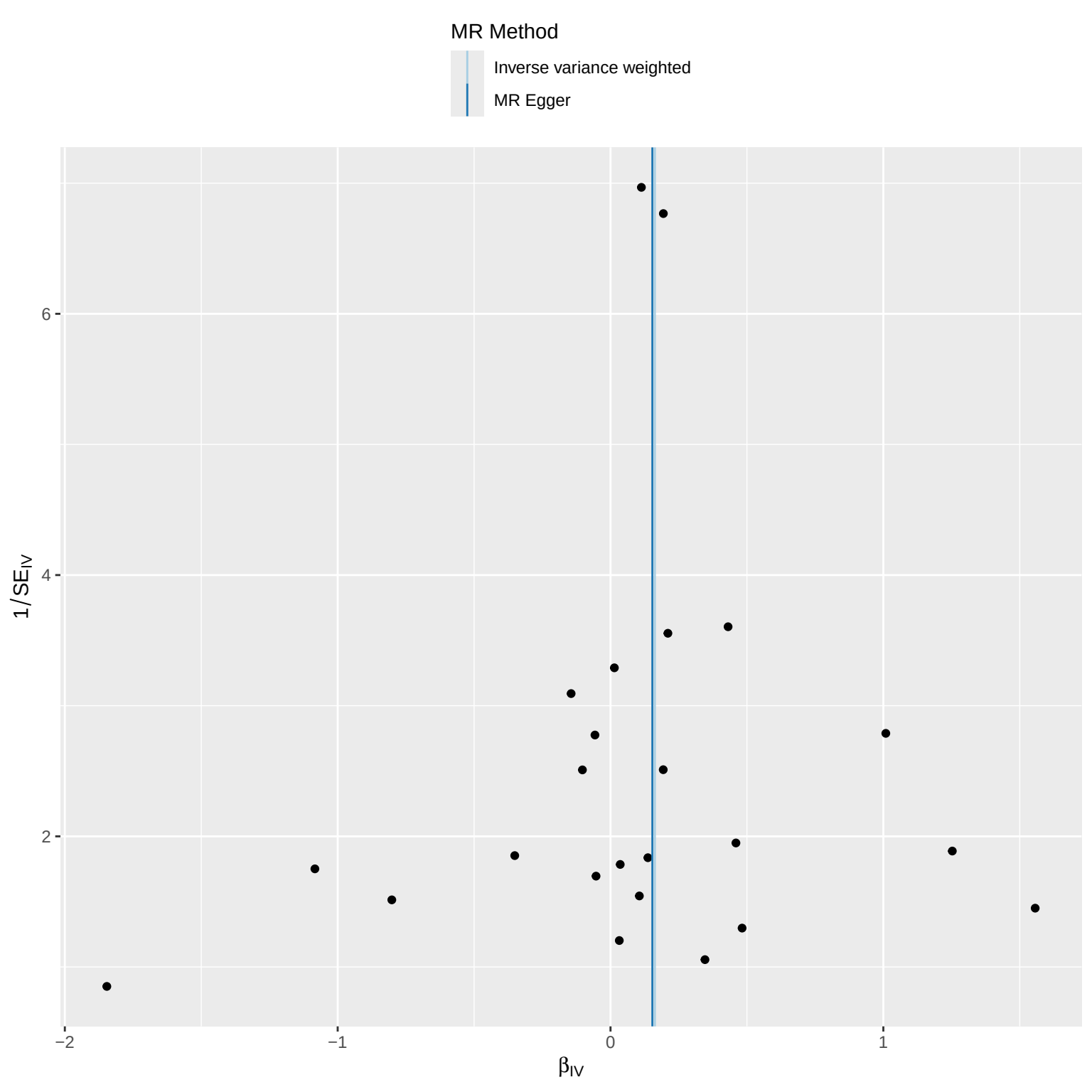

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

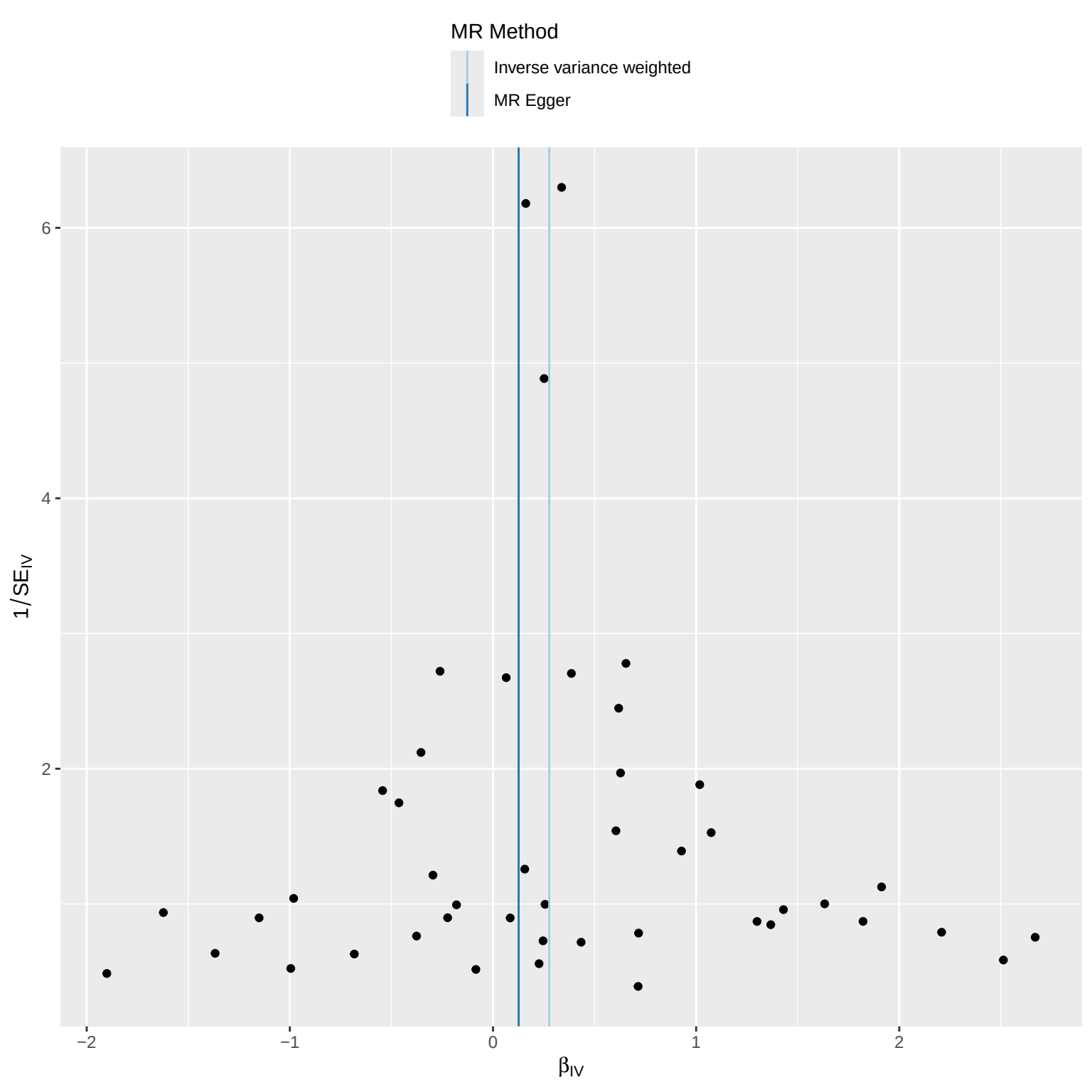

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

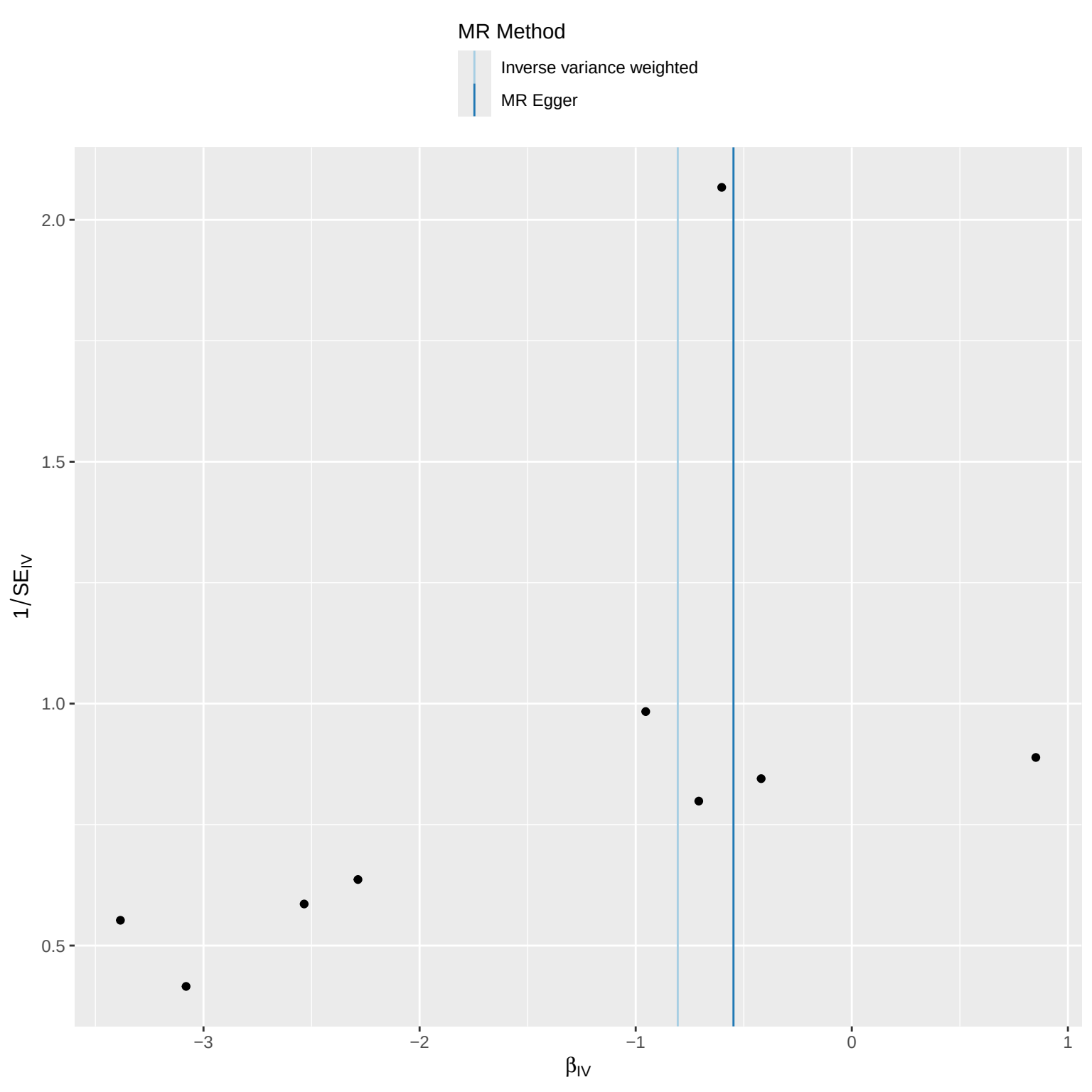

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

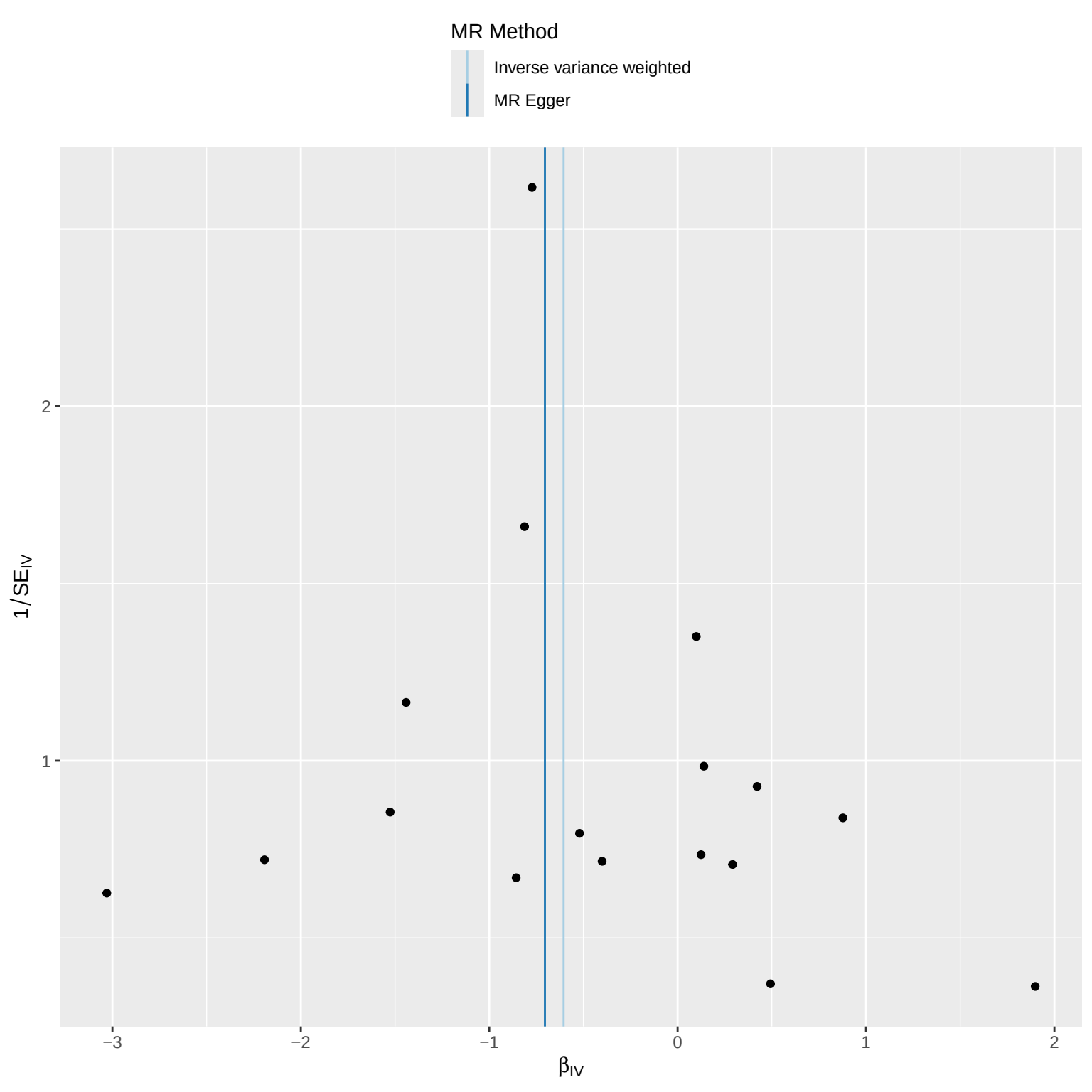

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

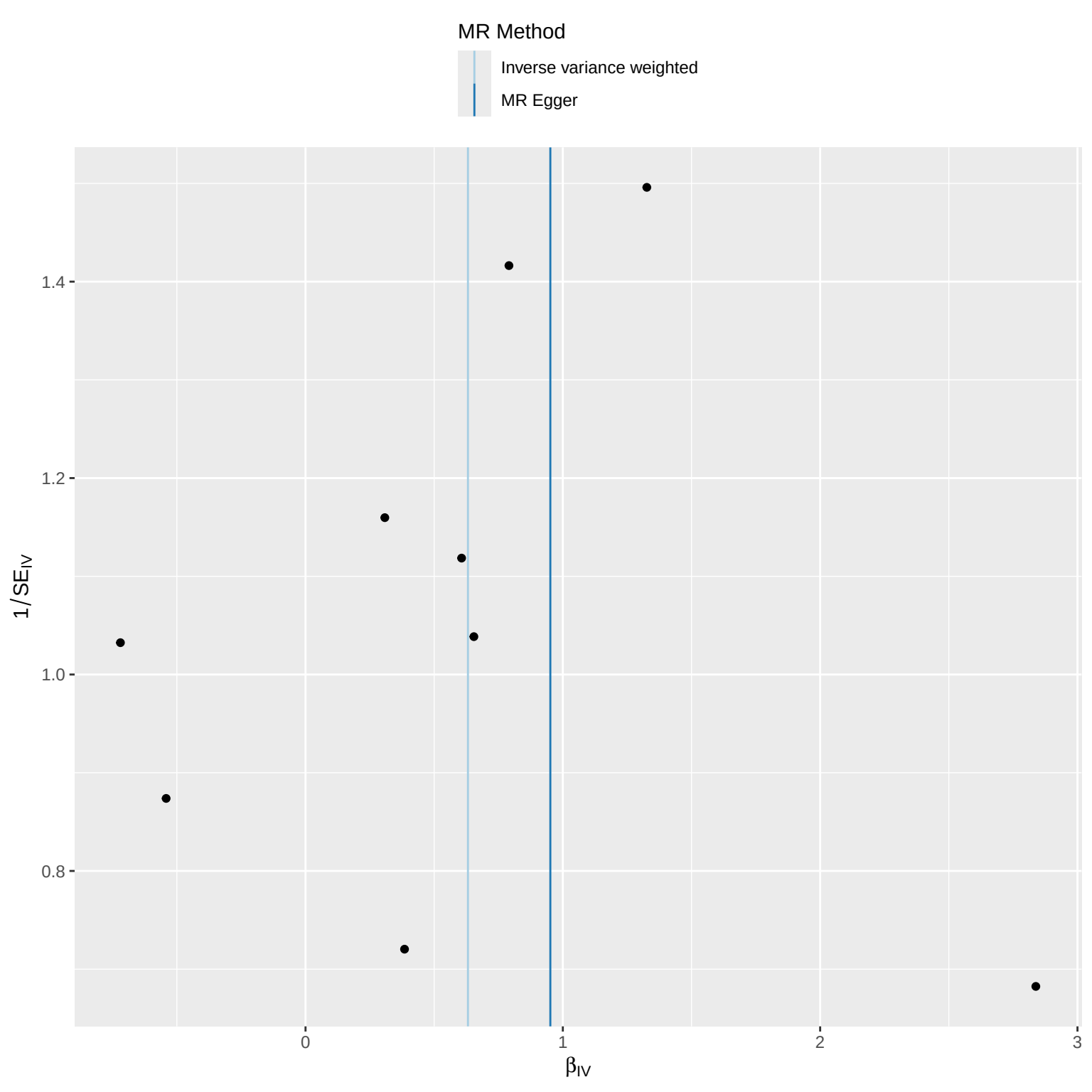

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
−0.5
0.0
0.5
1.0
1.5
β_IV

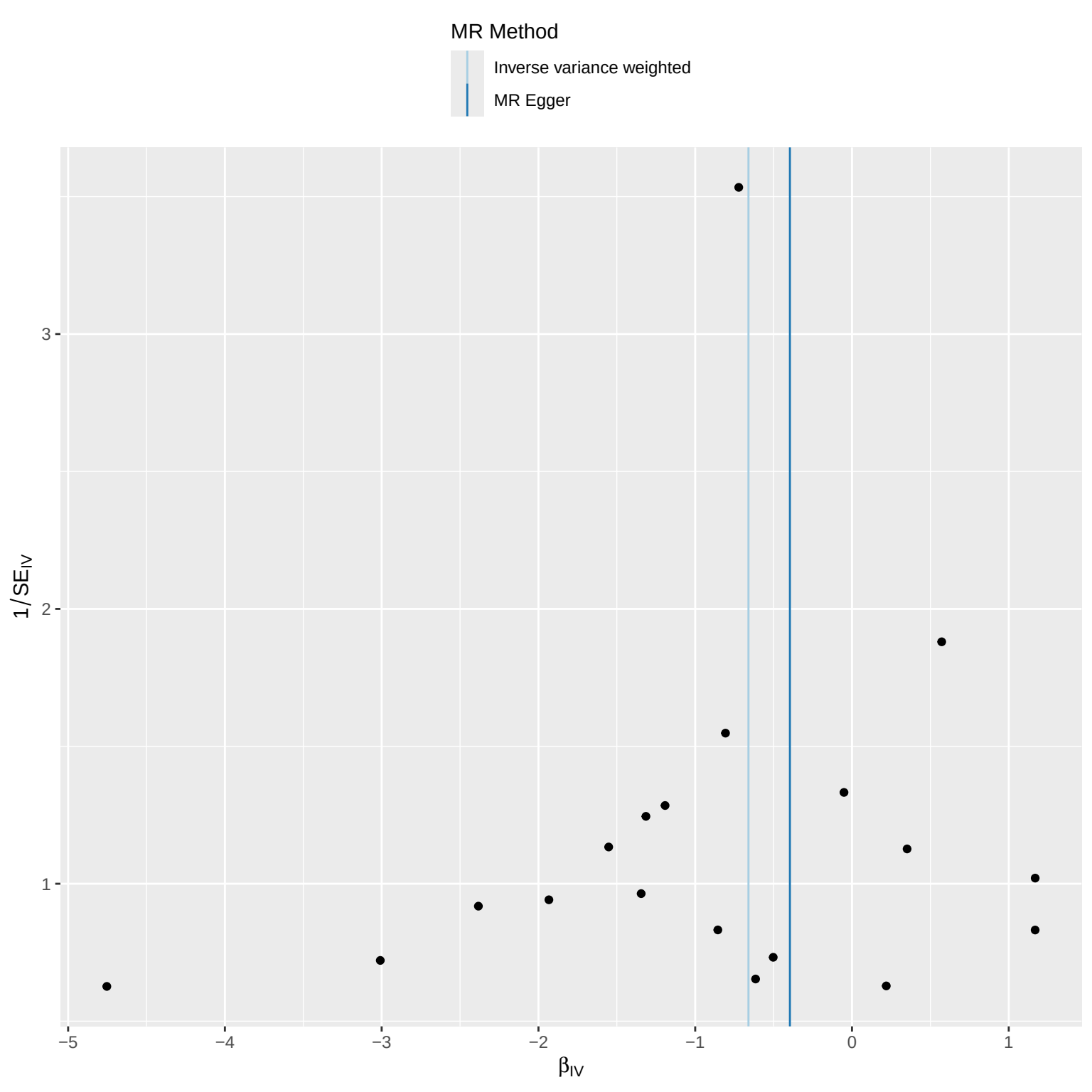

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
β_IV

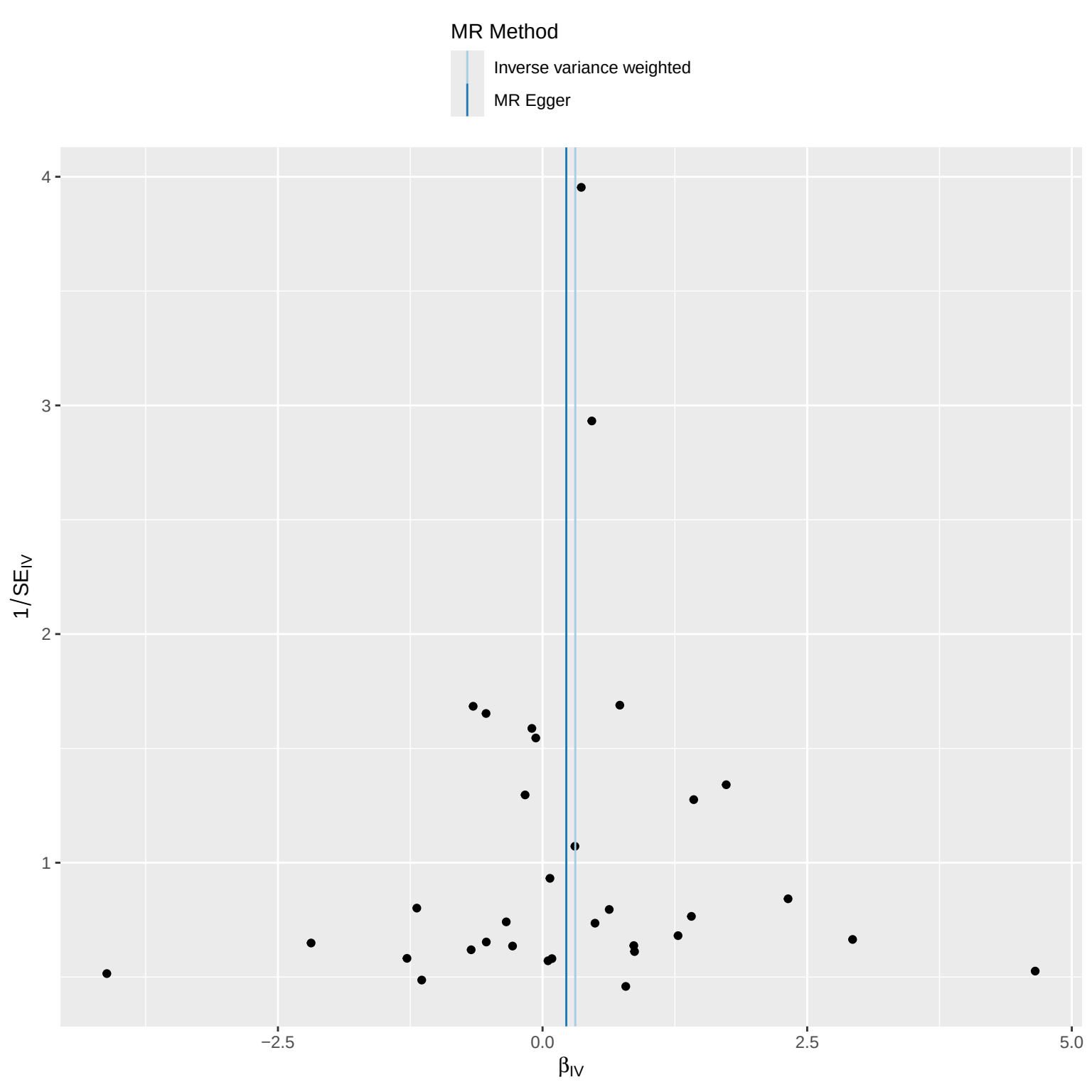

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

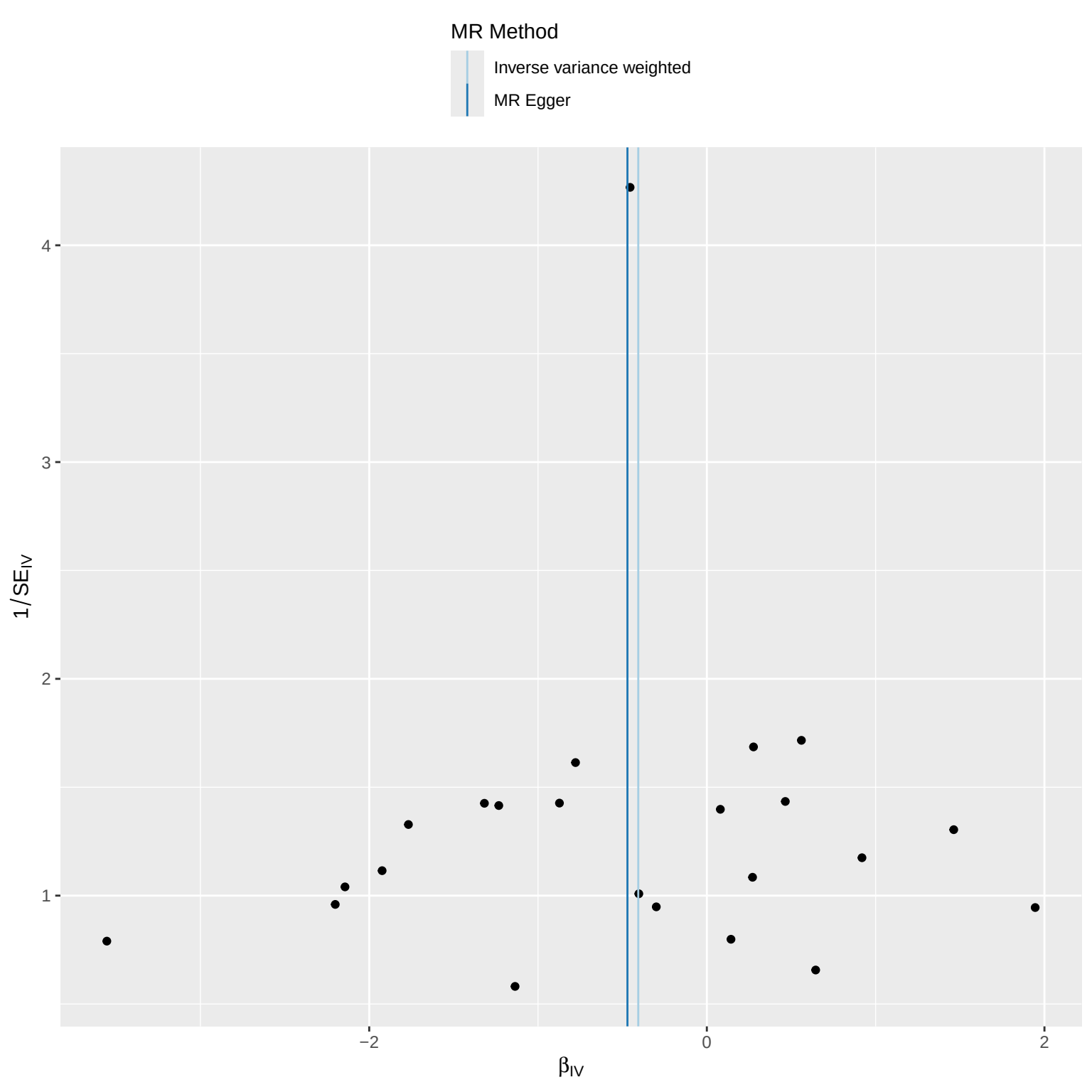

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

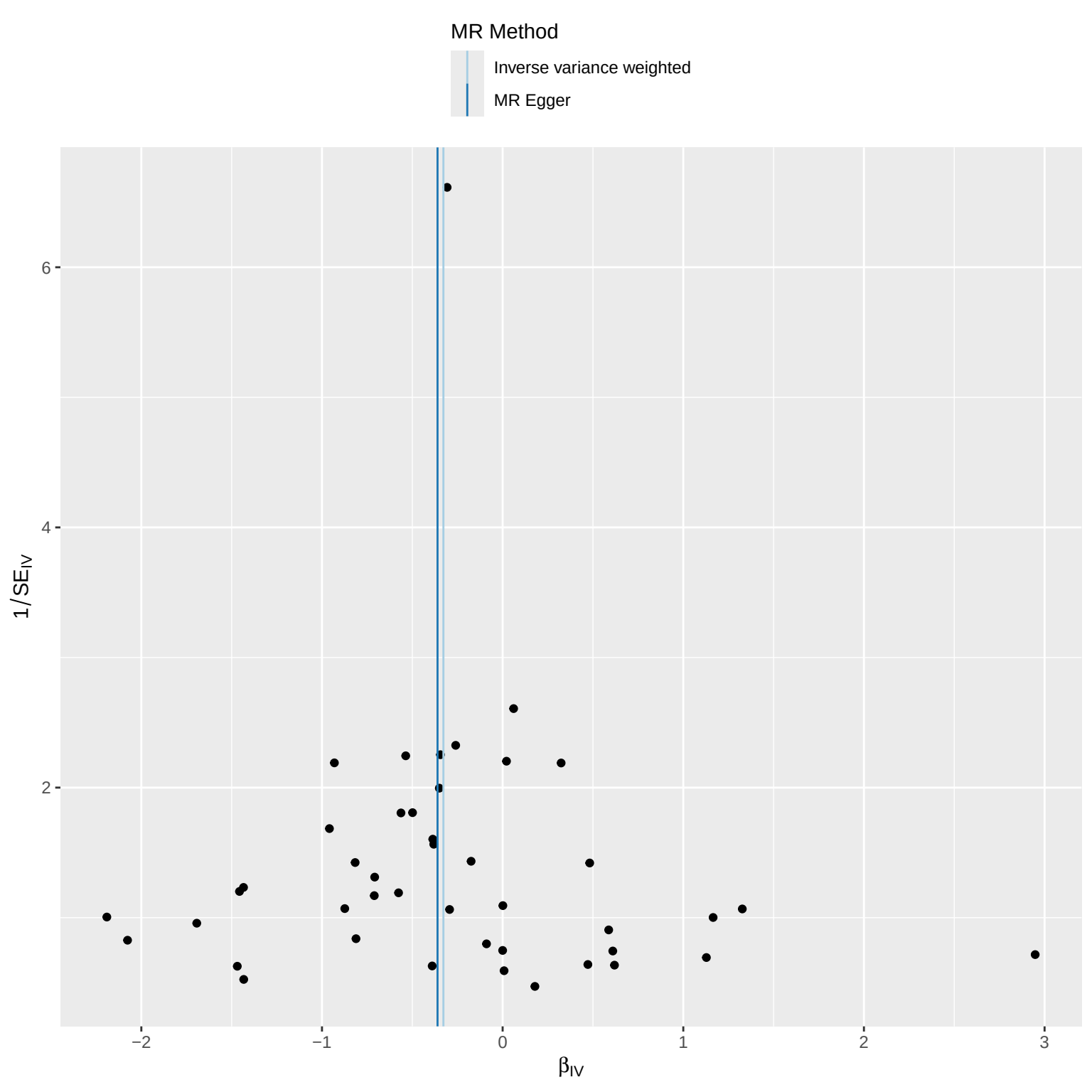

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

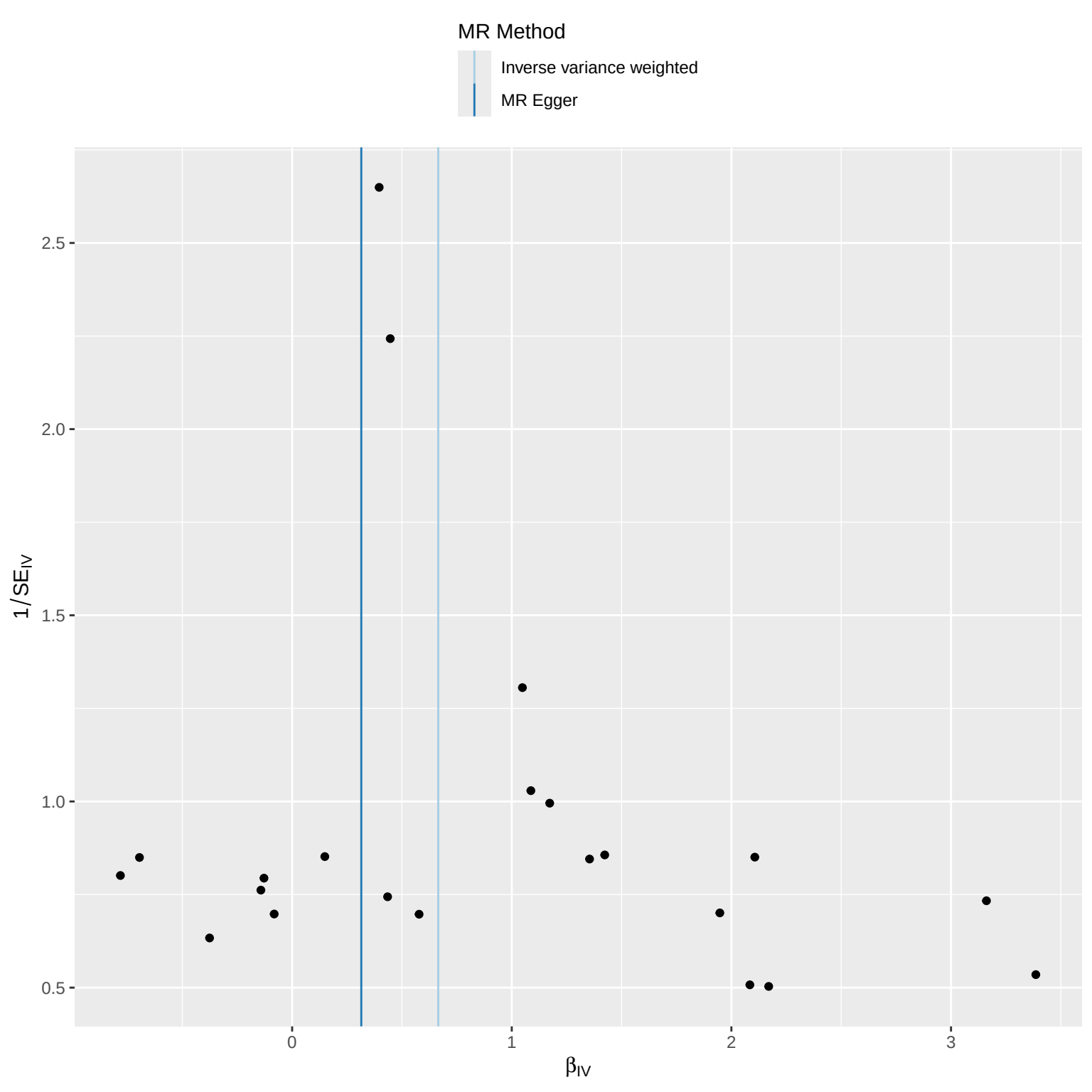

MR Method
Inverse variance weighted
MR Egger
1.4
1.2
1.0
0.8
1/SE_IV
0
1
2
3
β_IV

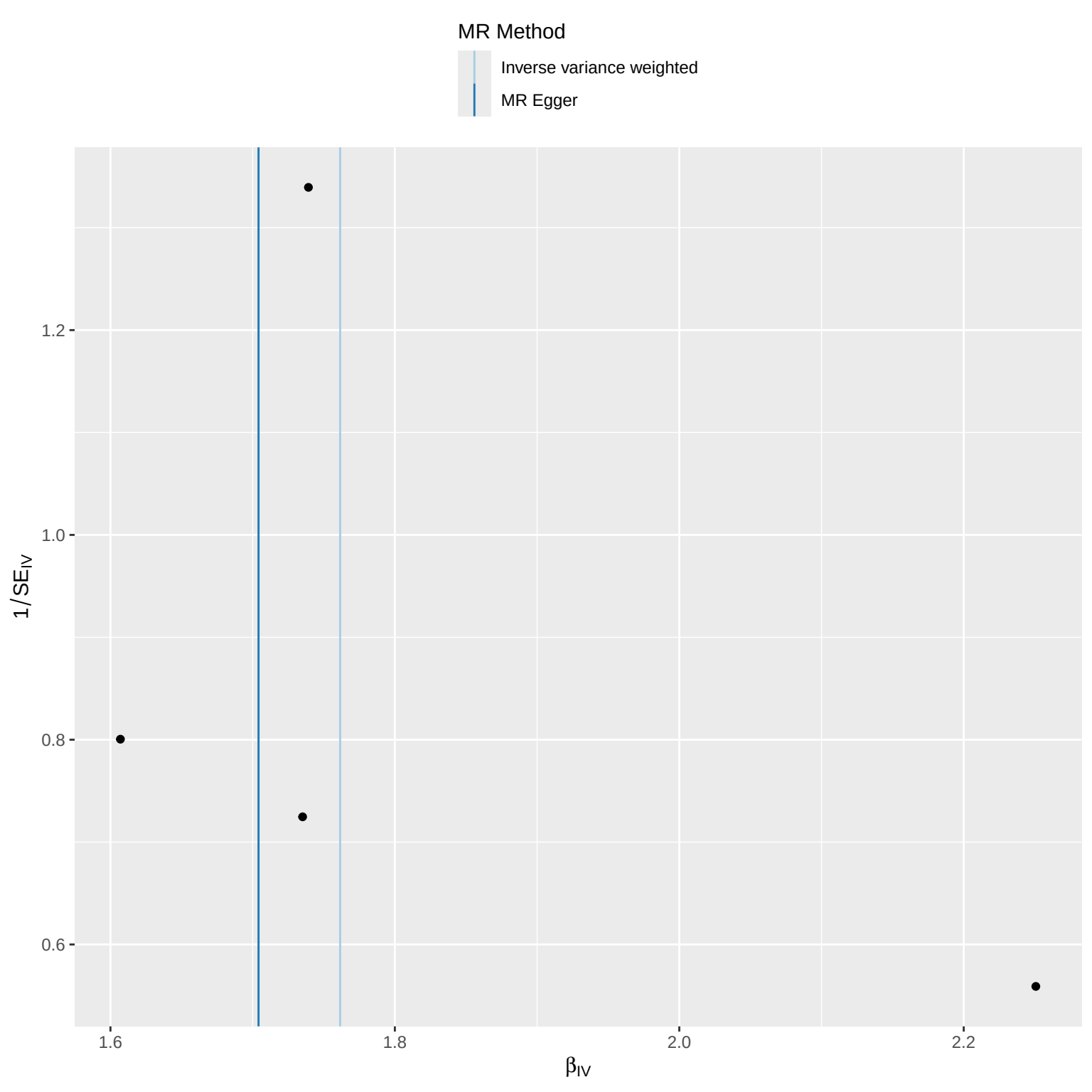

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
3
2
1
−5
−4
−3
−2
−1
0
1
β_IV

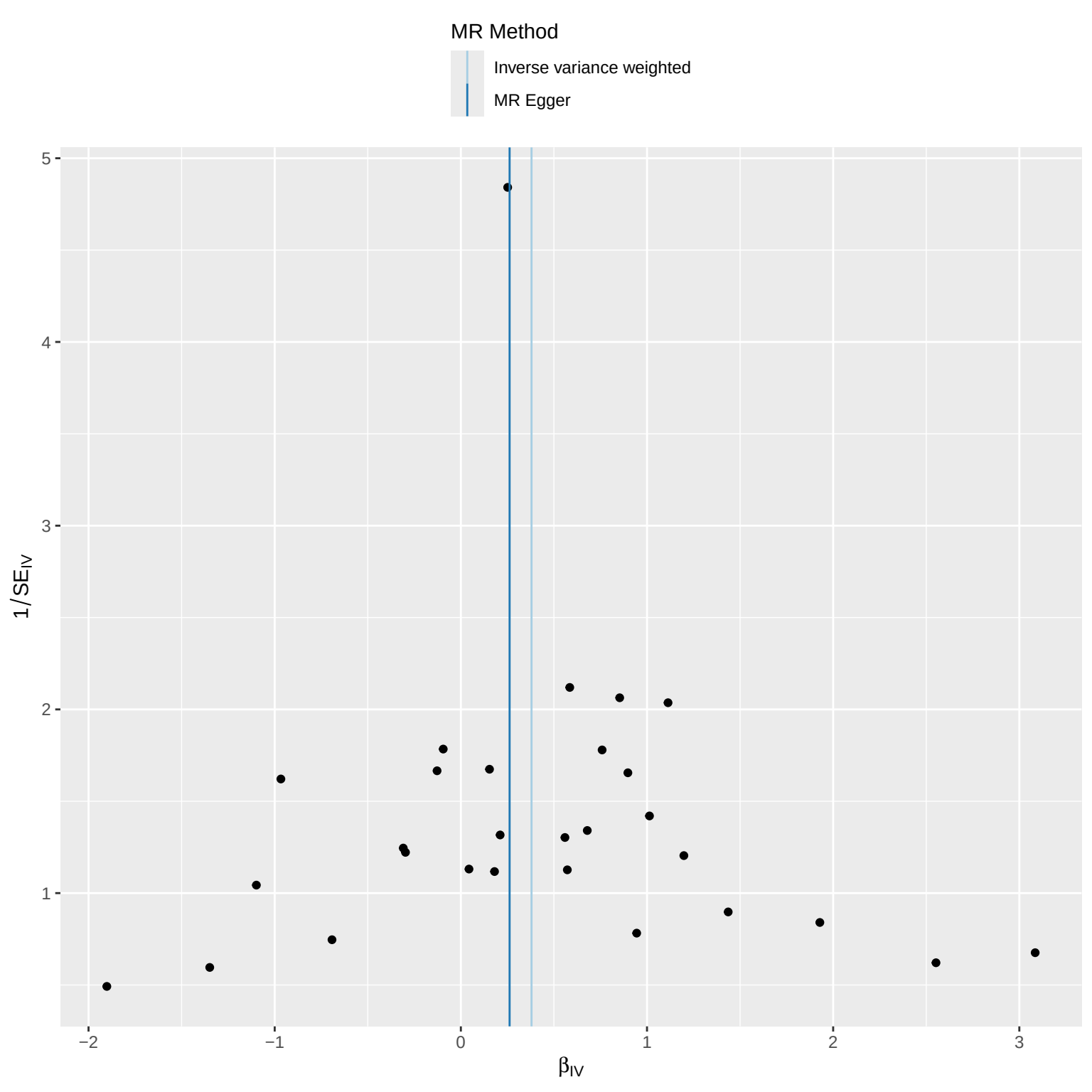

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

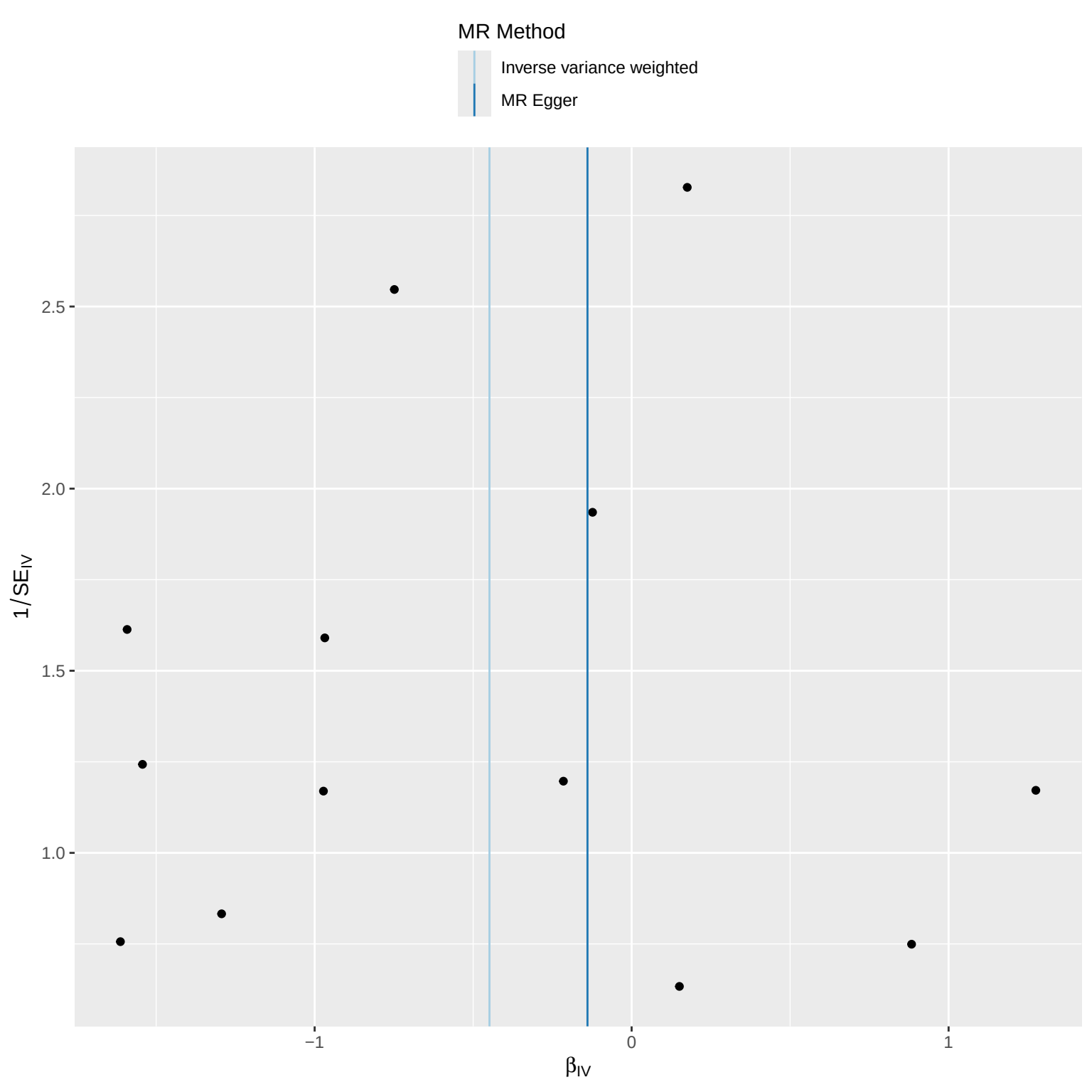

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

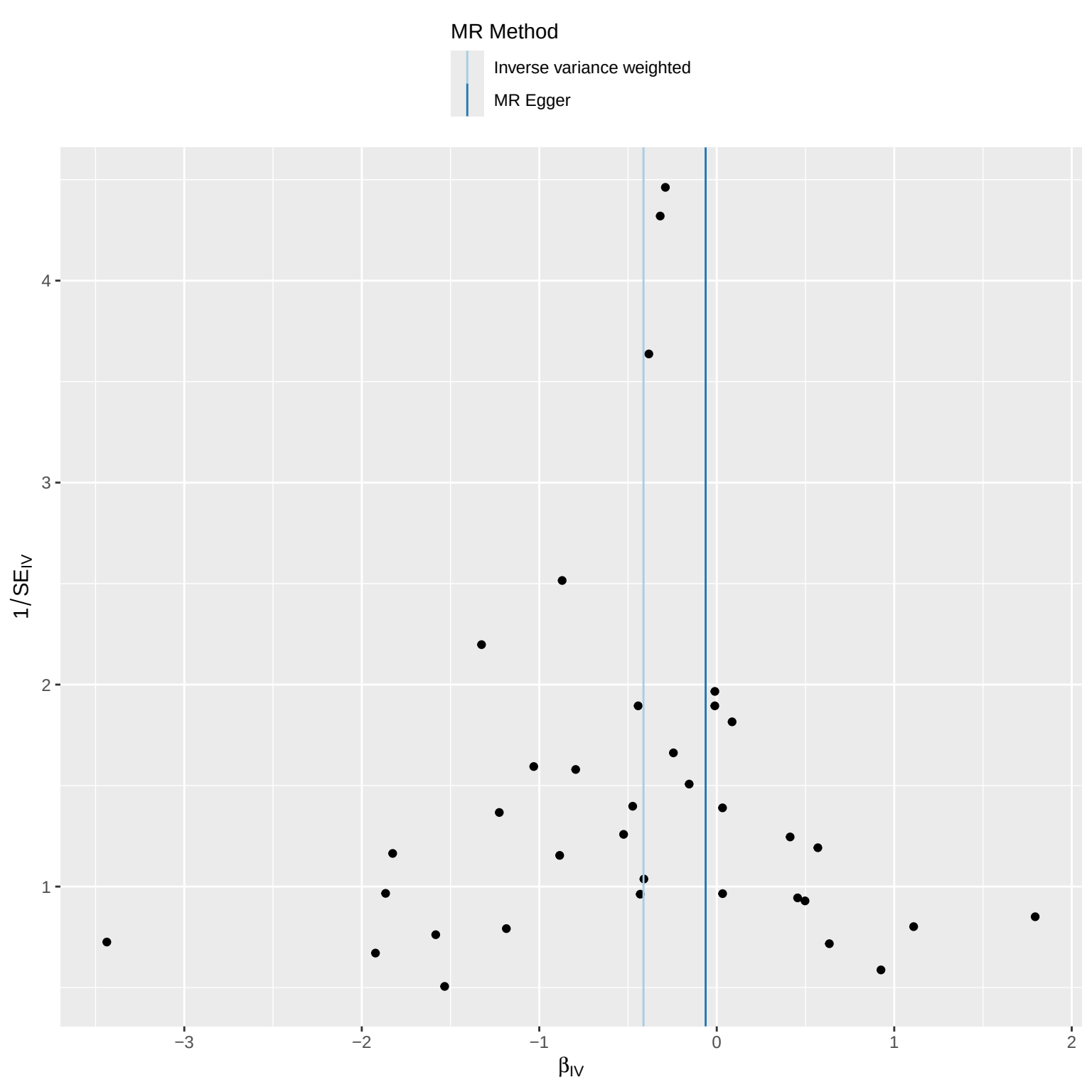

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

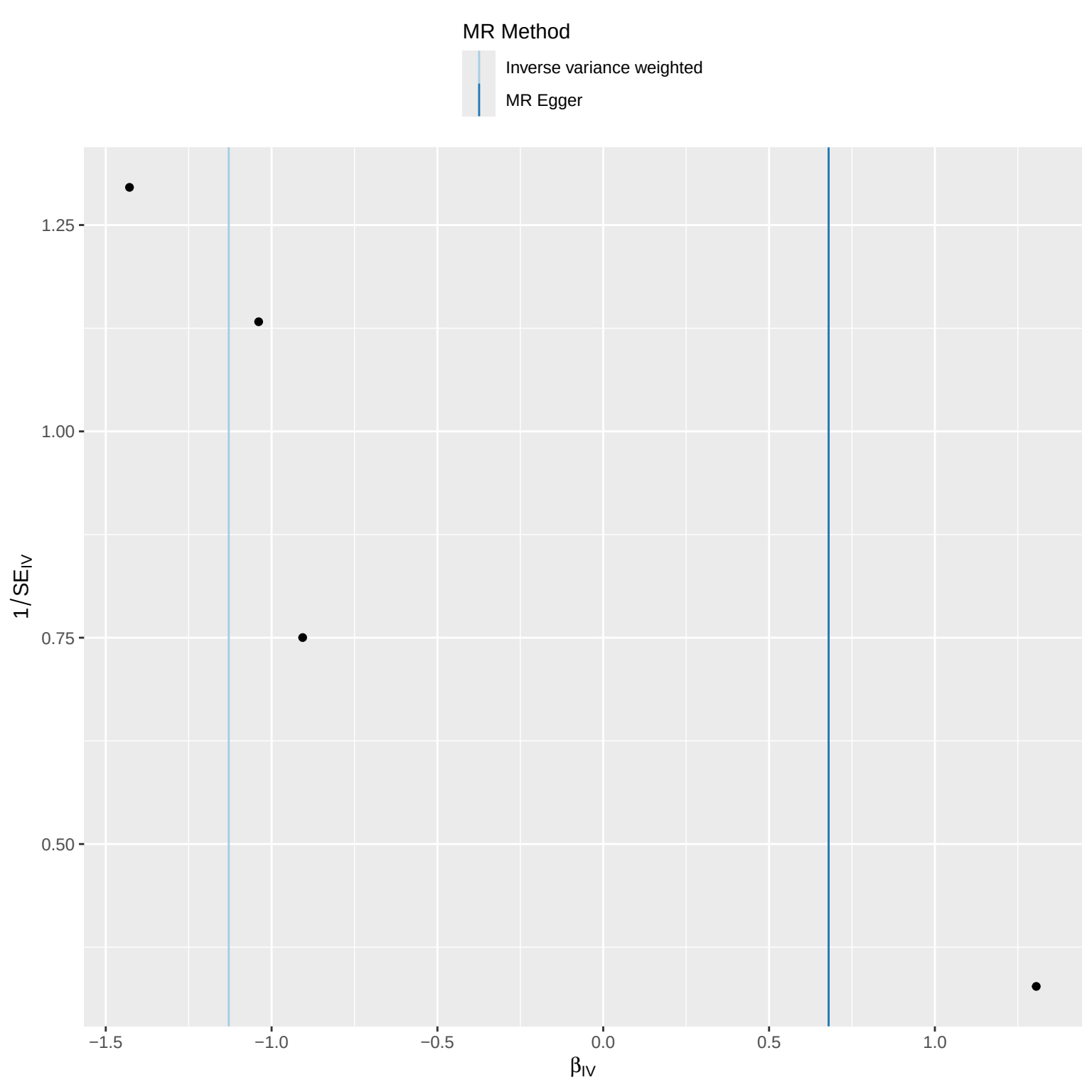

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

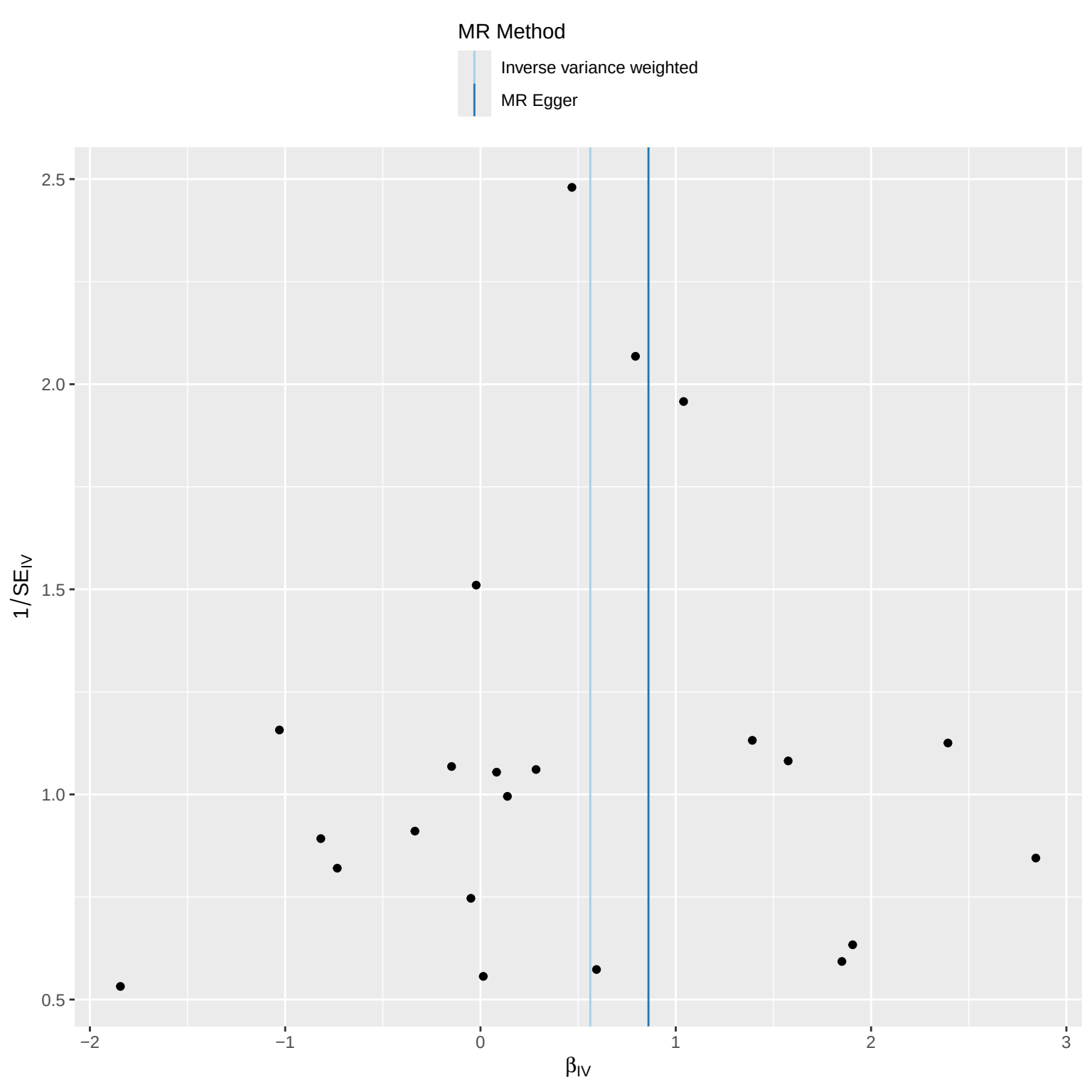

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
1.6
1.8
2.0
2.2
β_IV

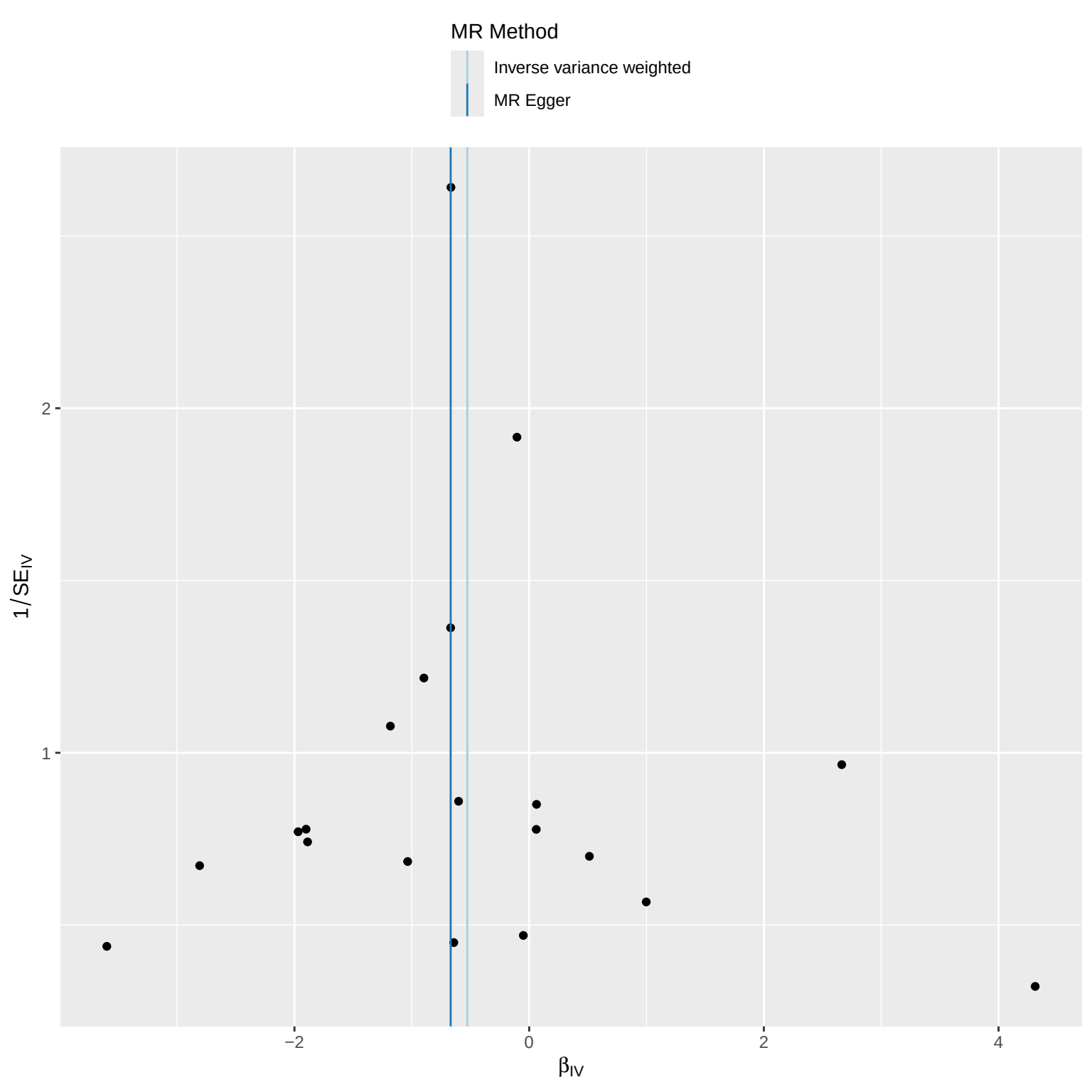

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

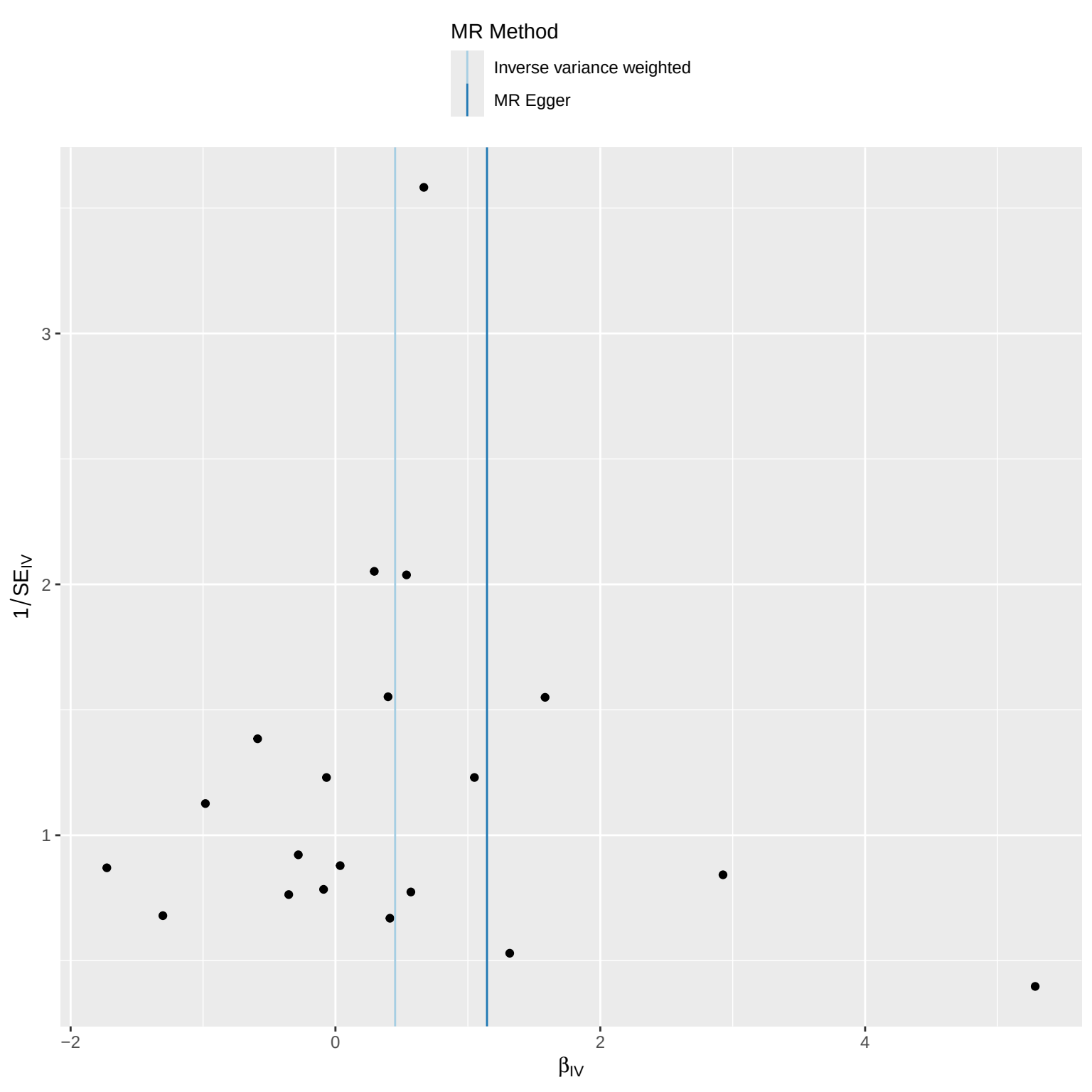

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

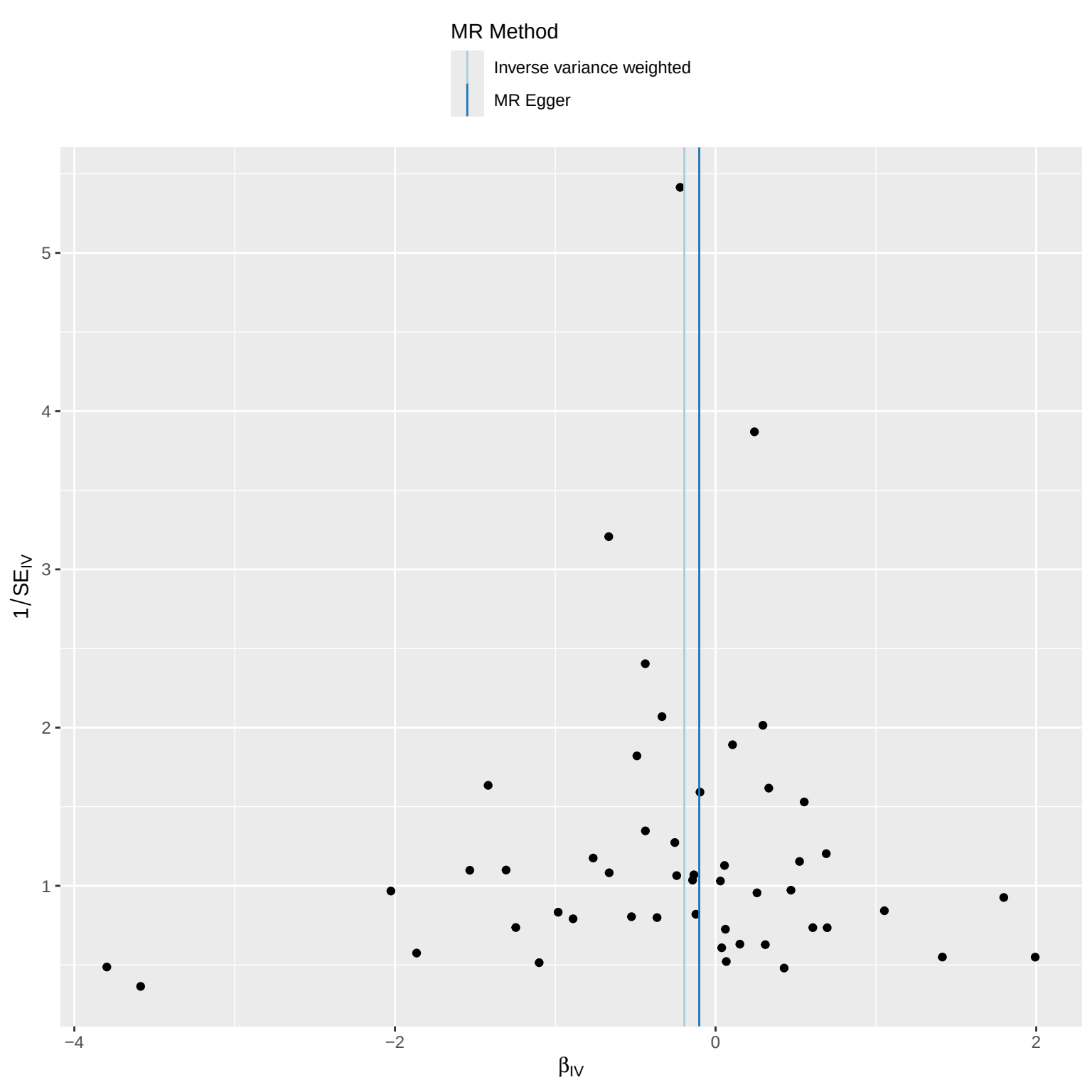

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

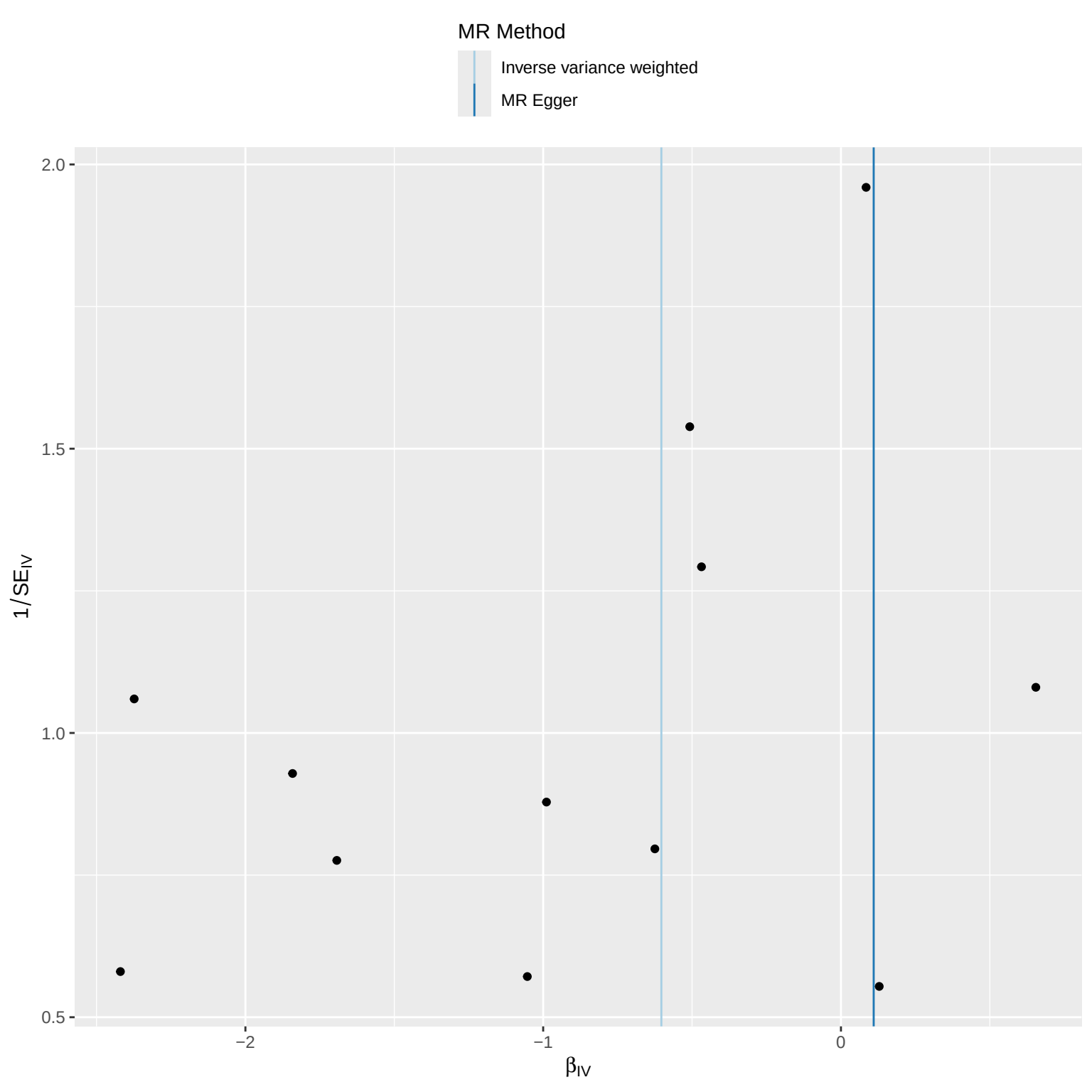

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

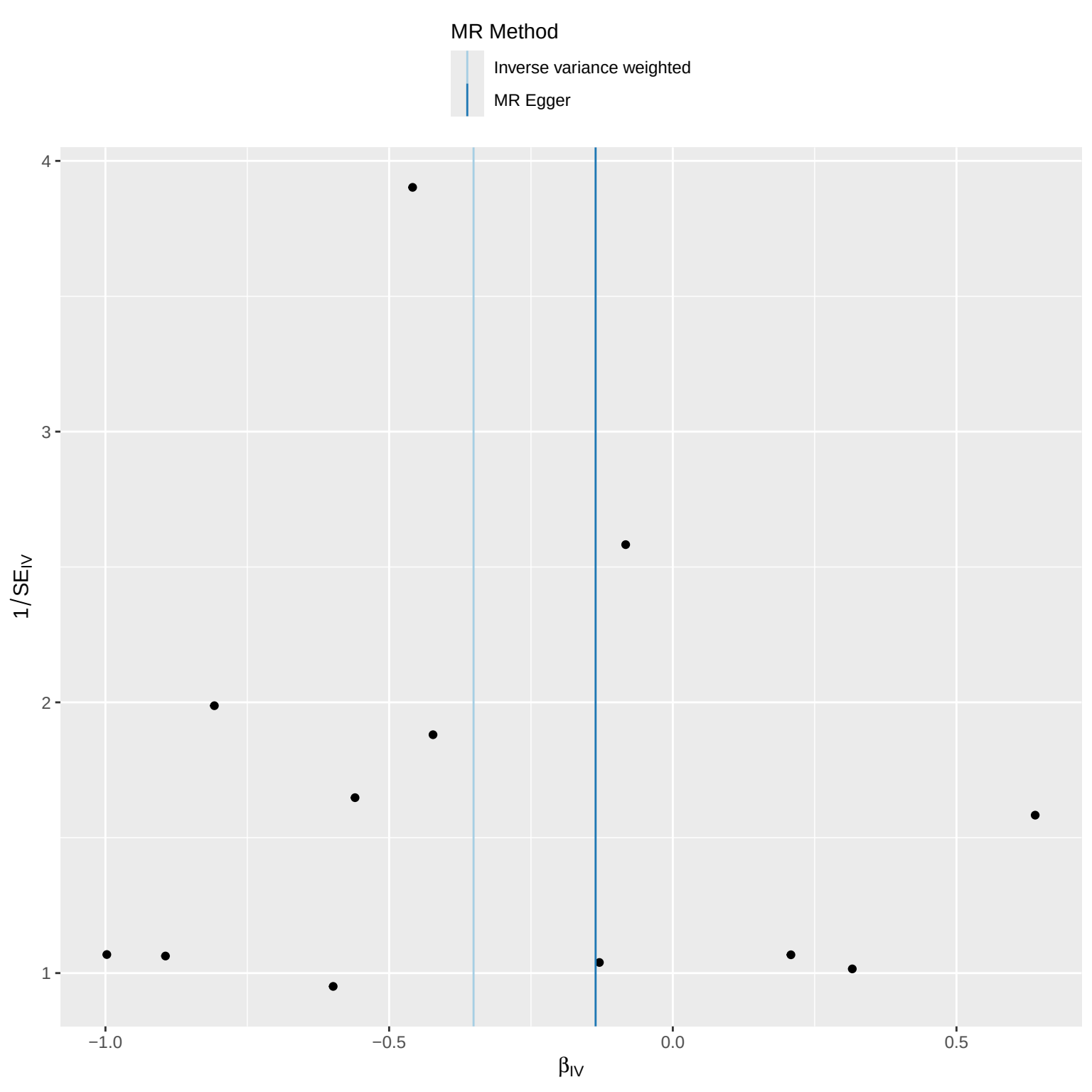

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
3
β_IV

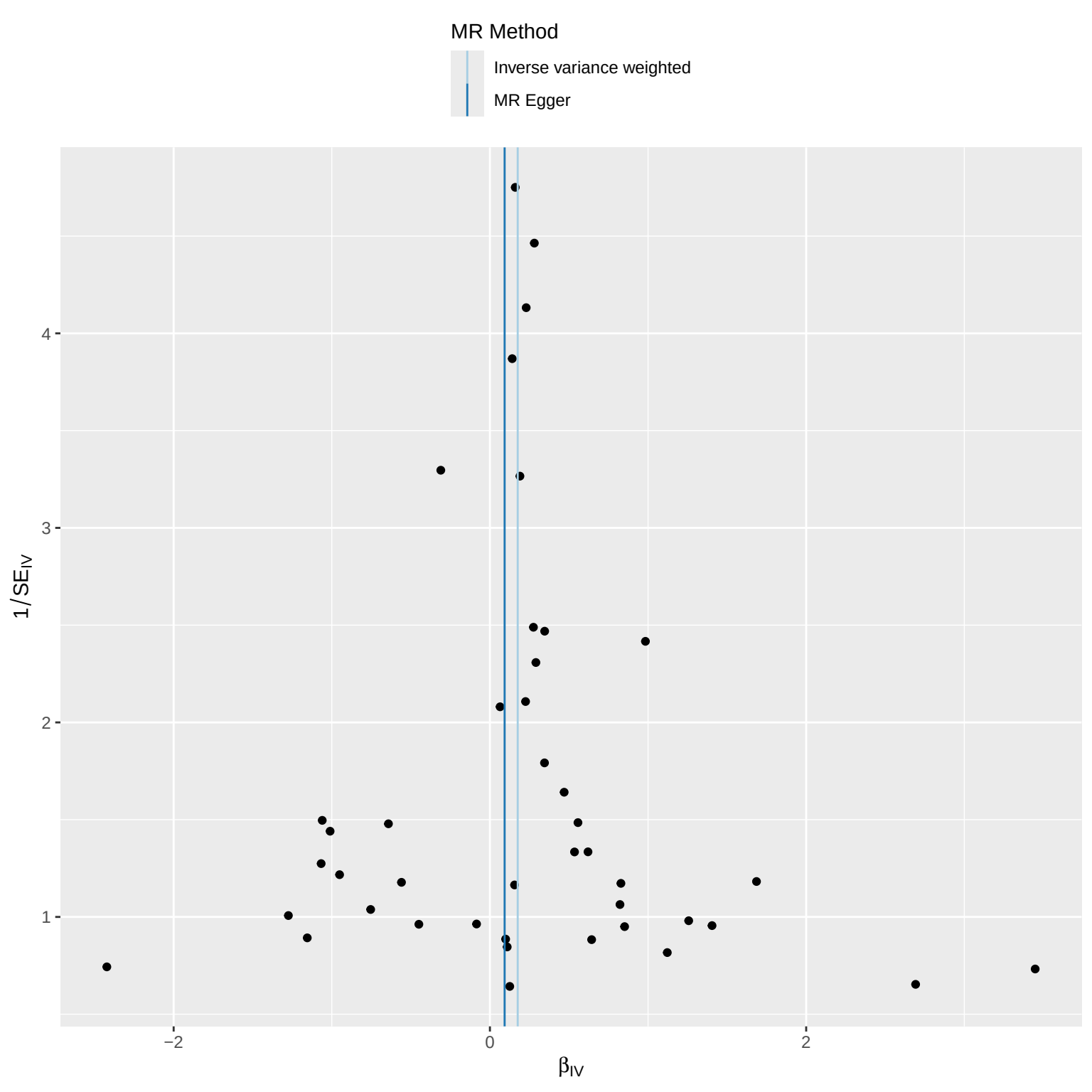

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

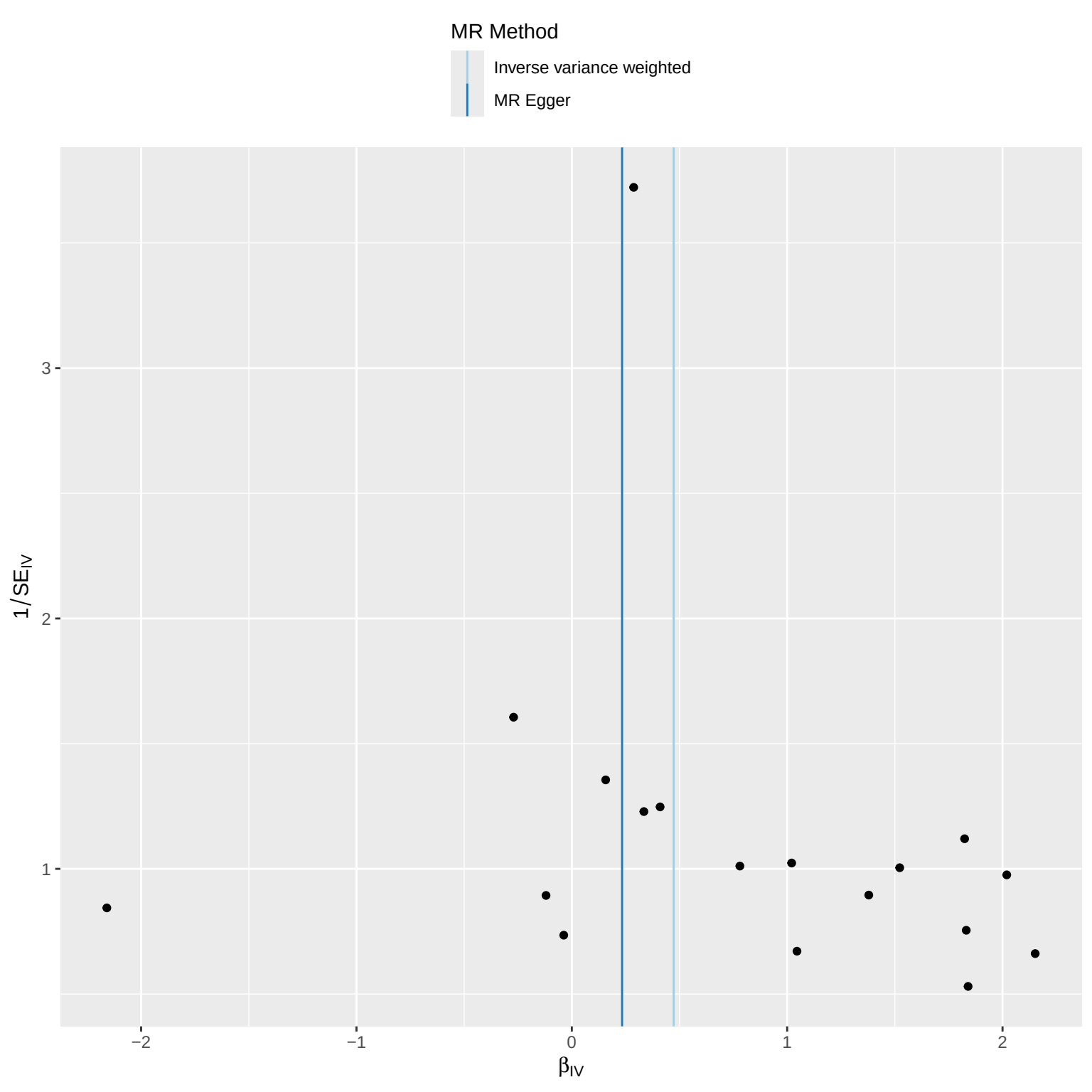

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
4
β_IV

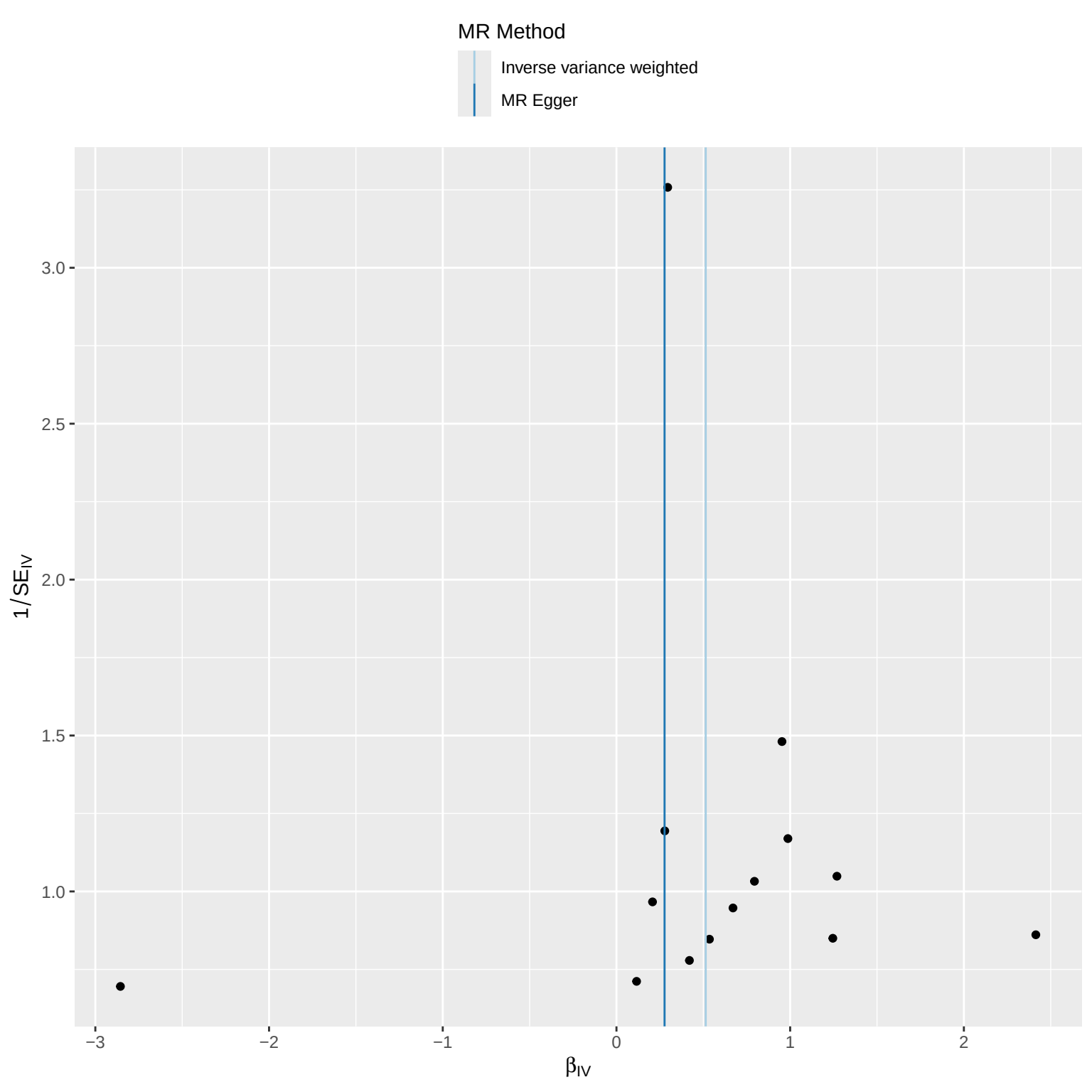

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

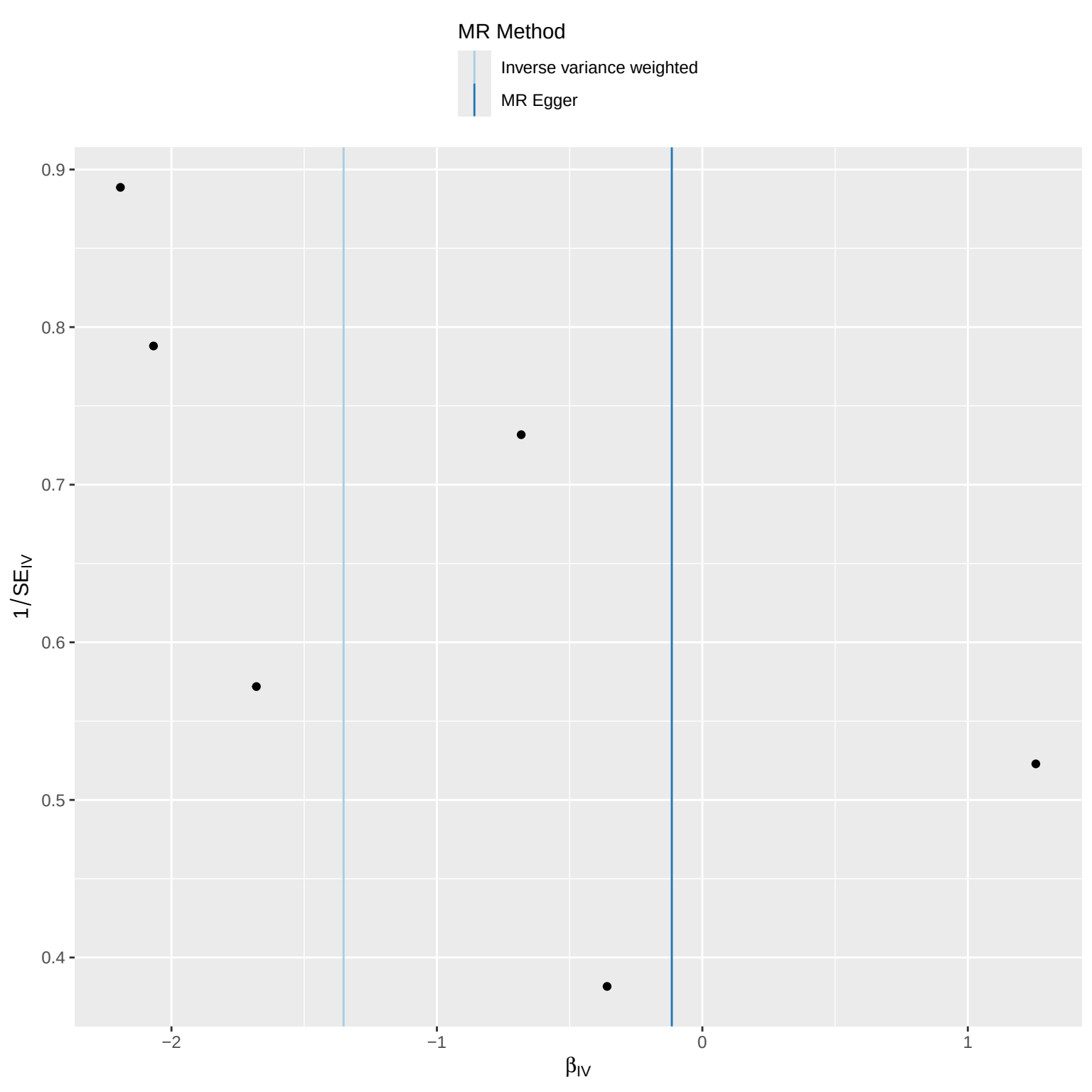

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
β_IV

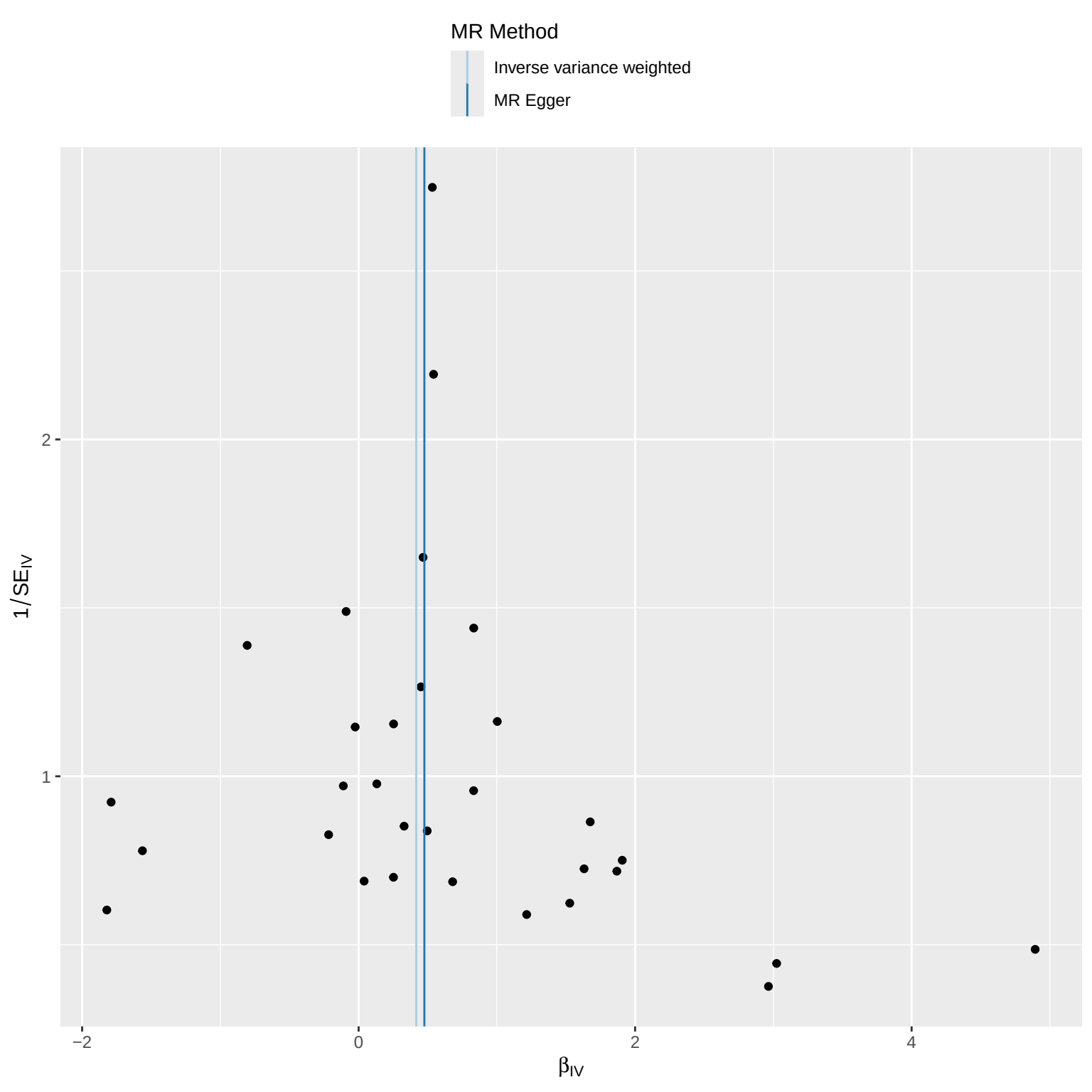

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

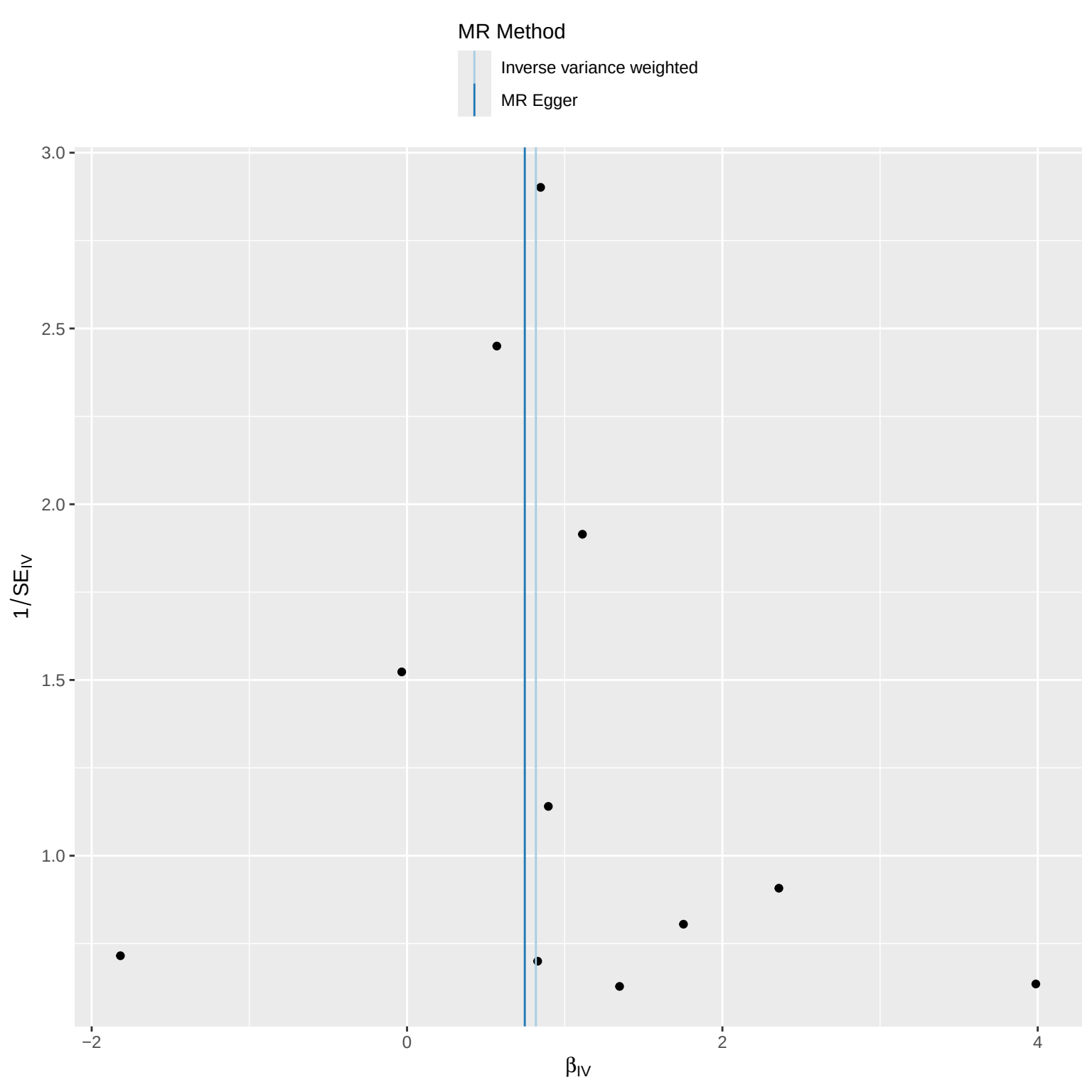

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

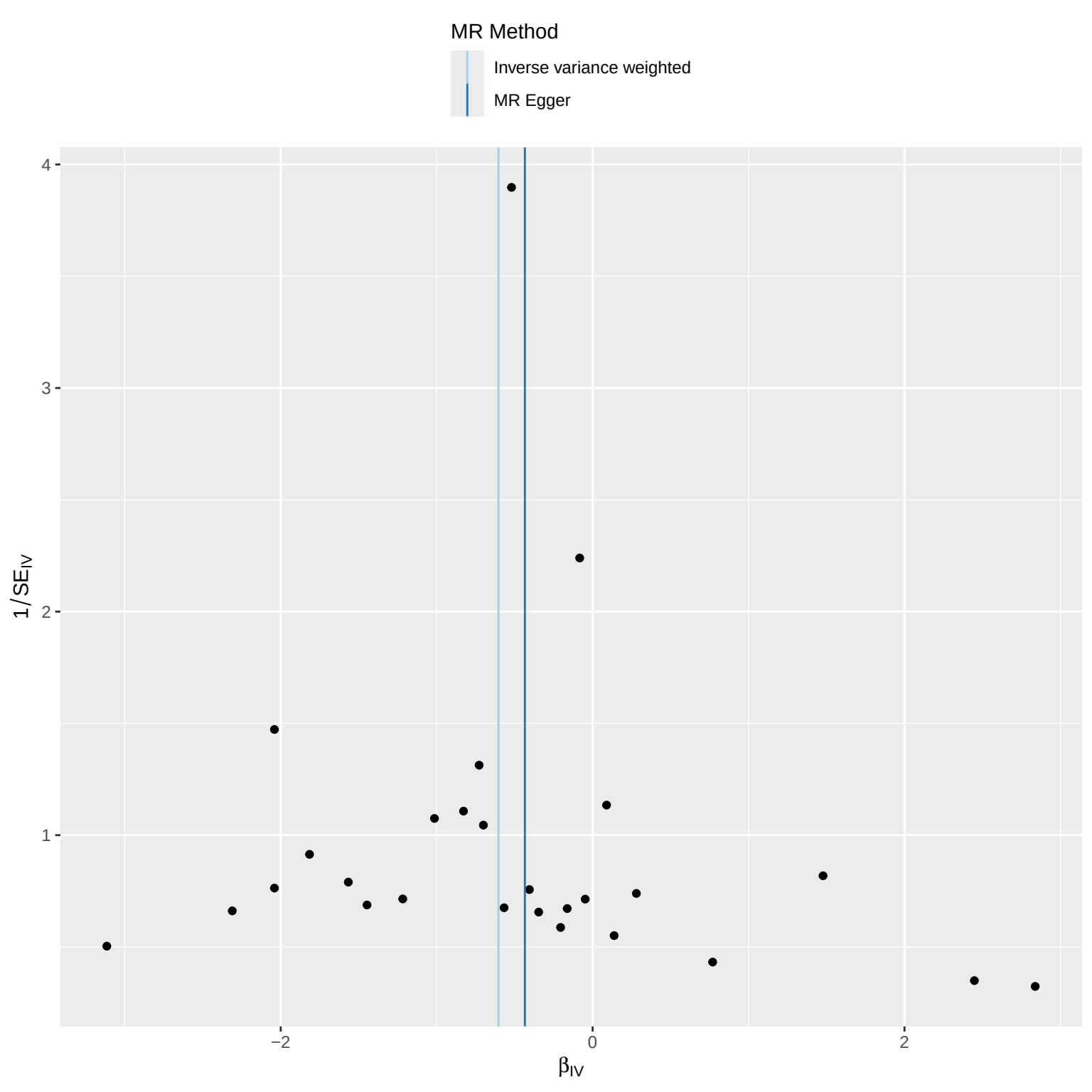

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

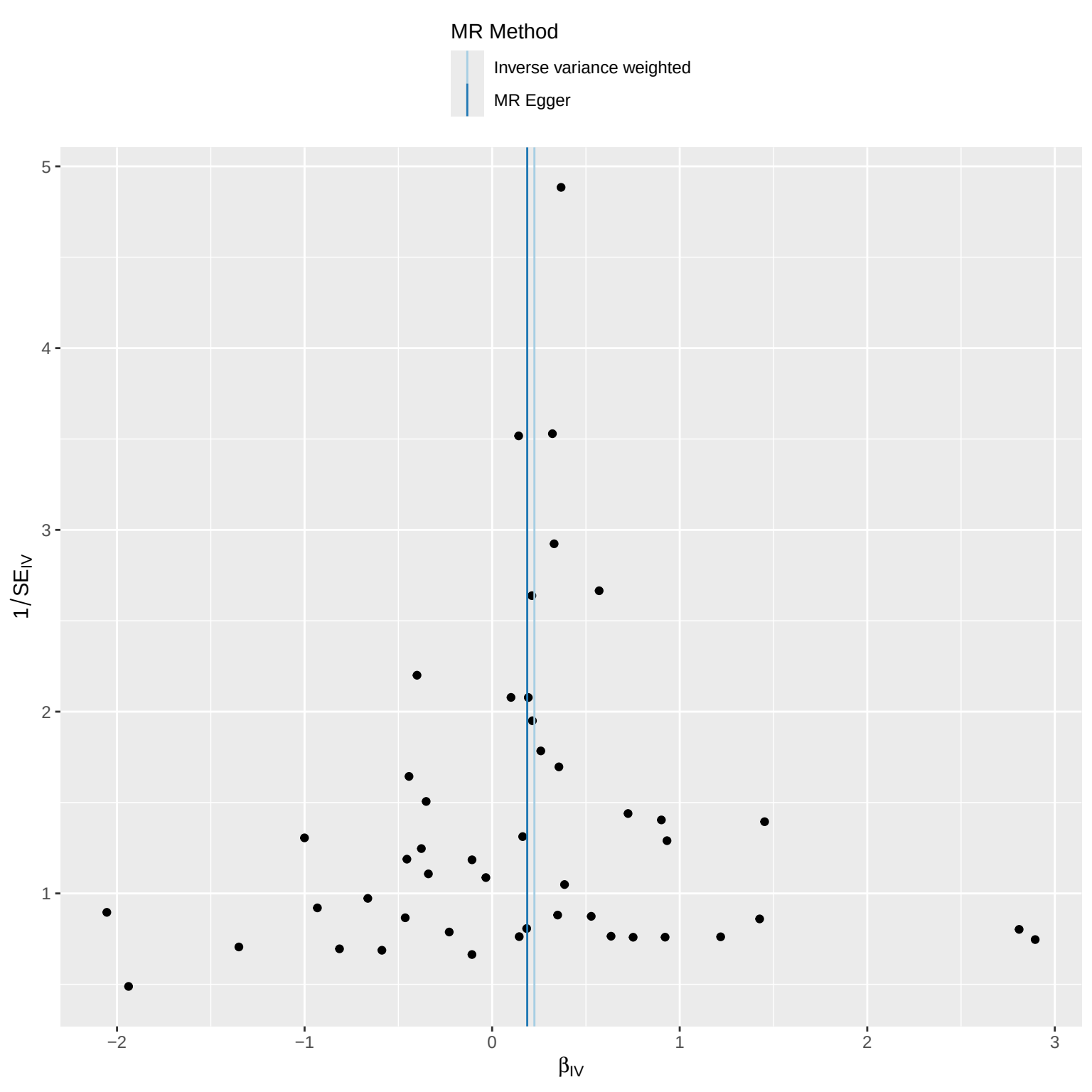

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
1
2
β_IV

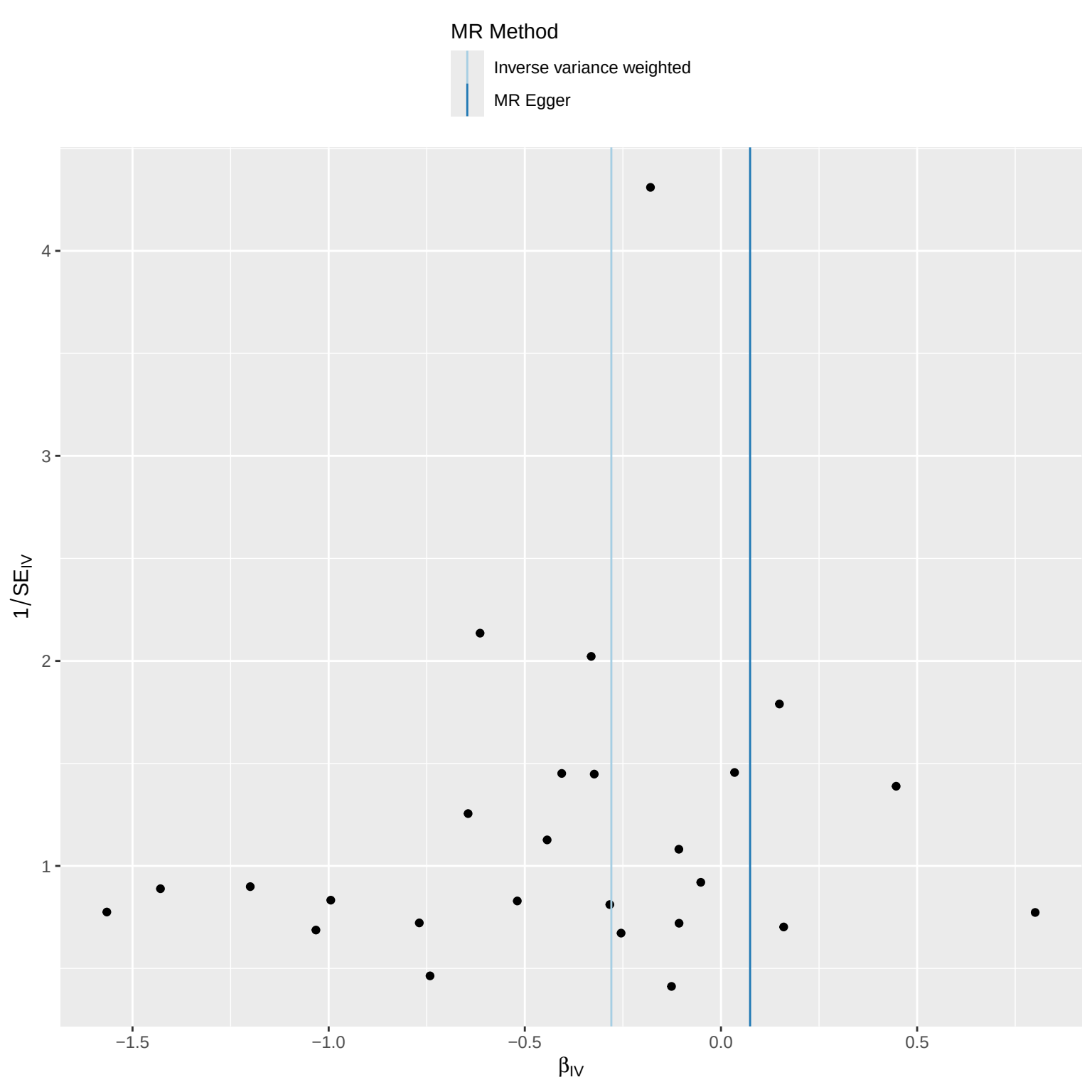

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
0.4
1/SE_IV
−2
−1
0
1
β_IV

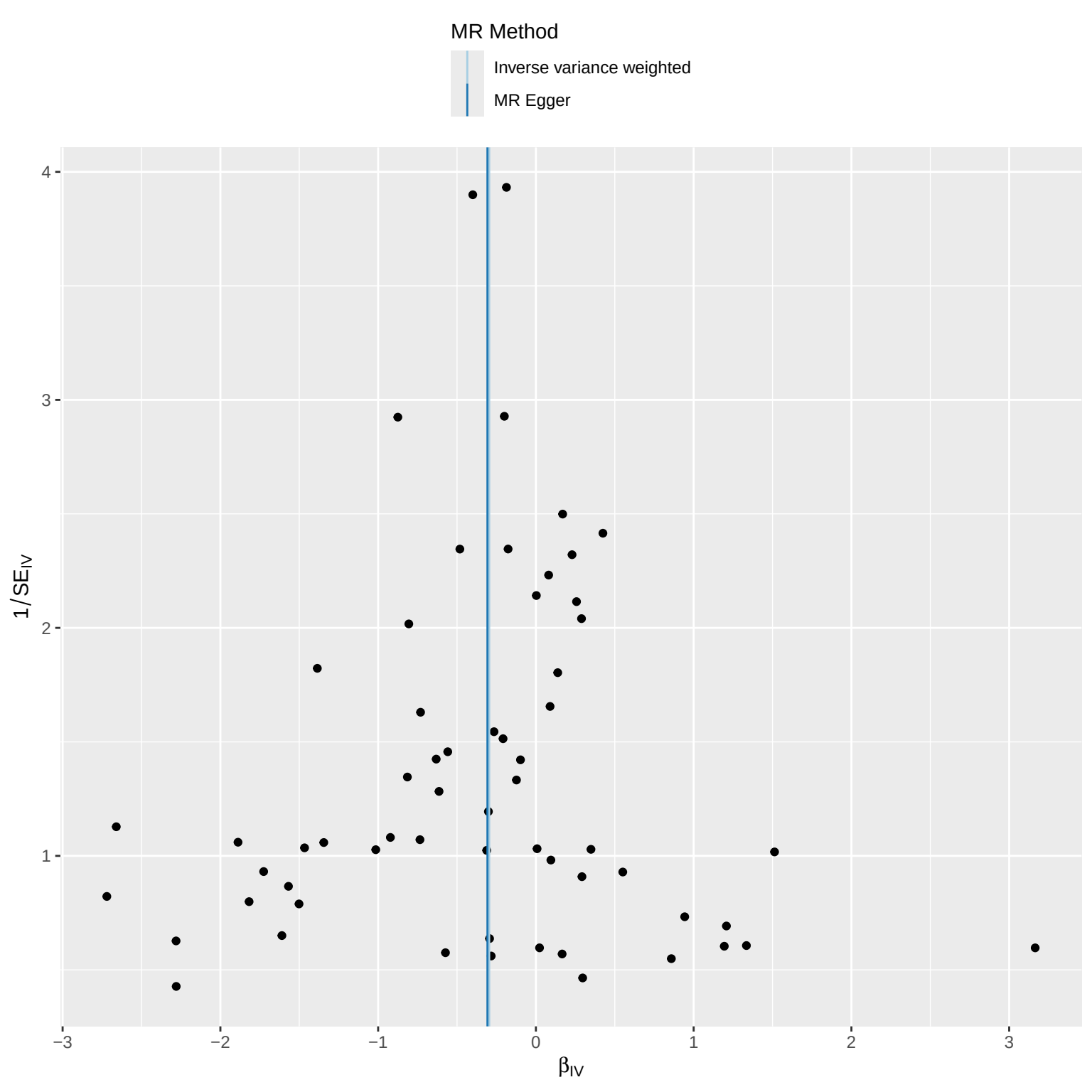

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
0
2
4
β_IV

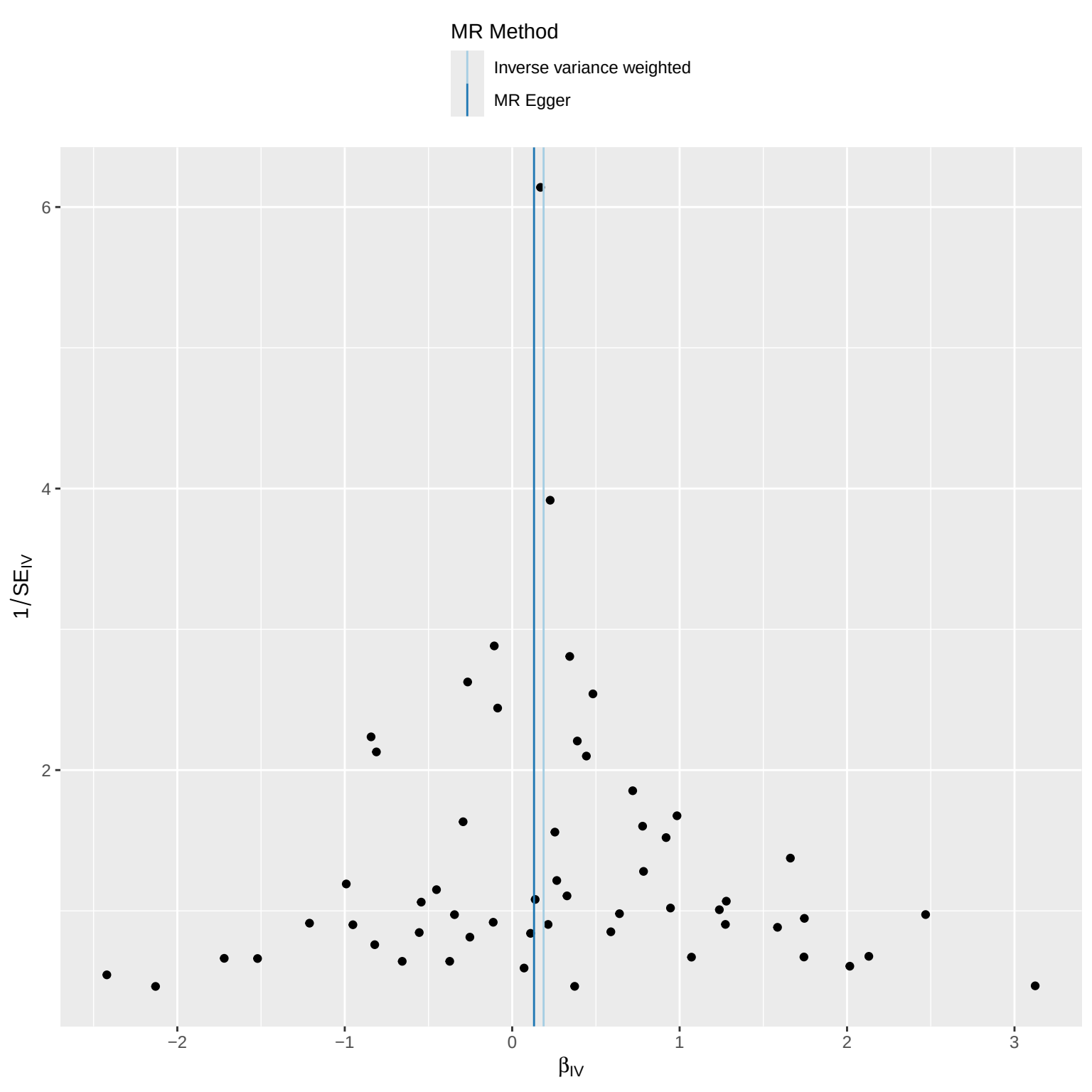

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
0
2
4
β_IV

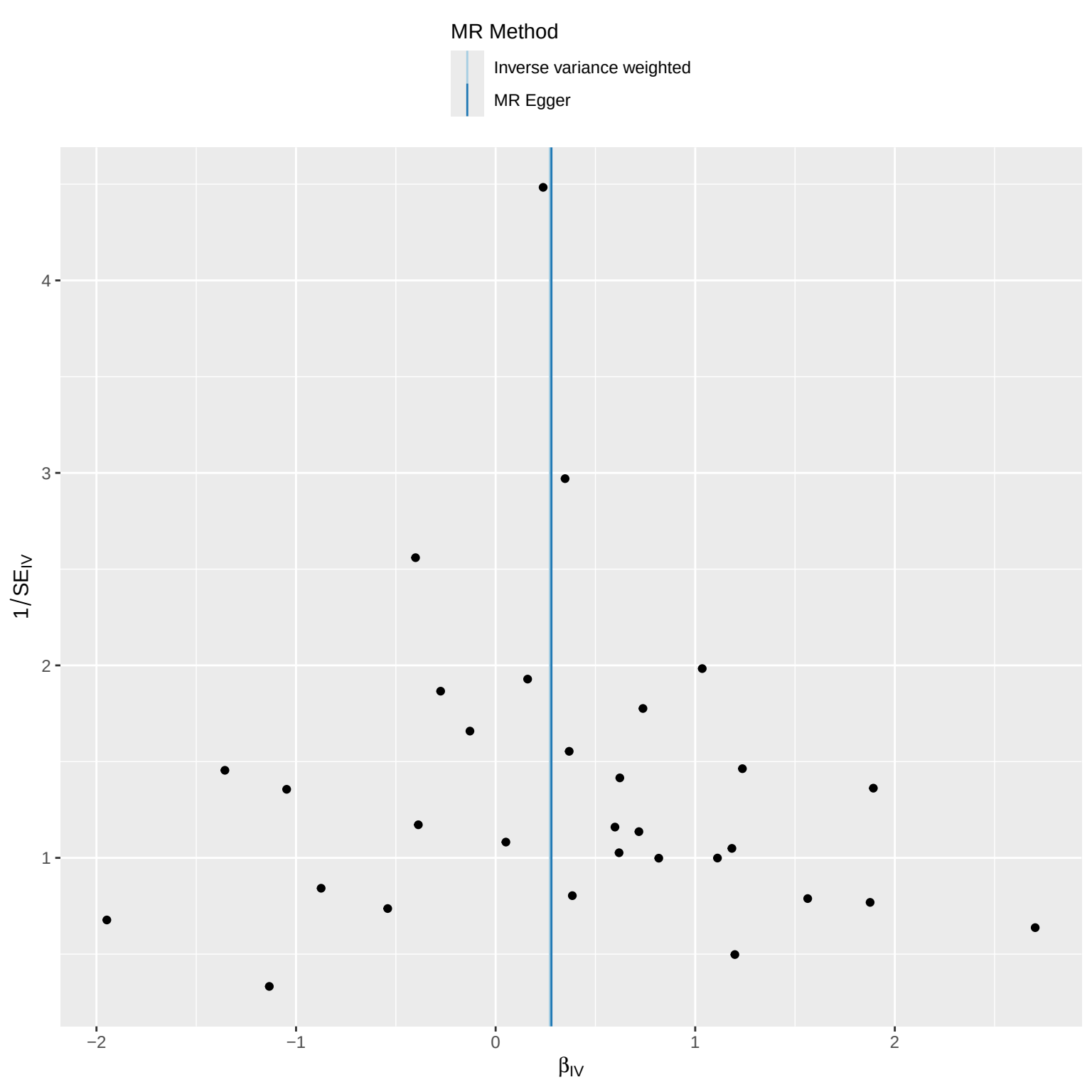

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

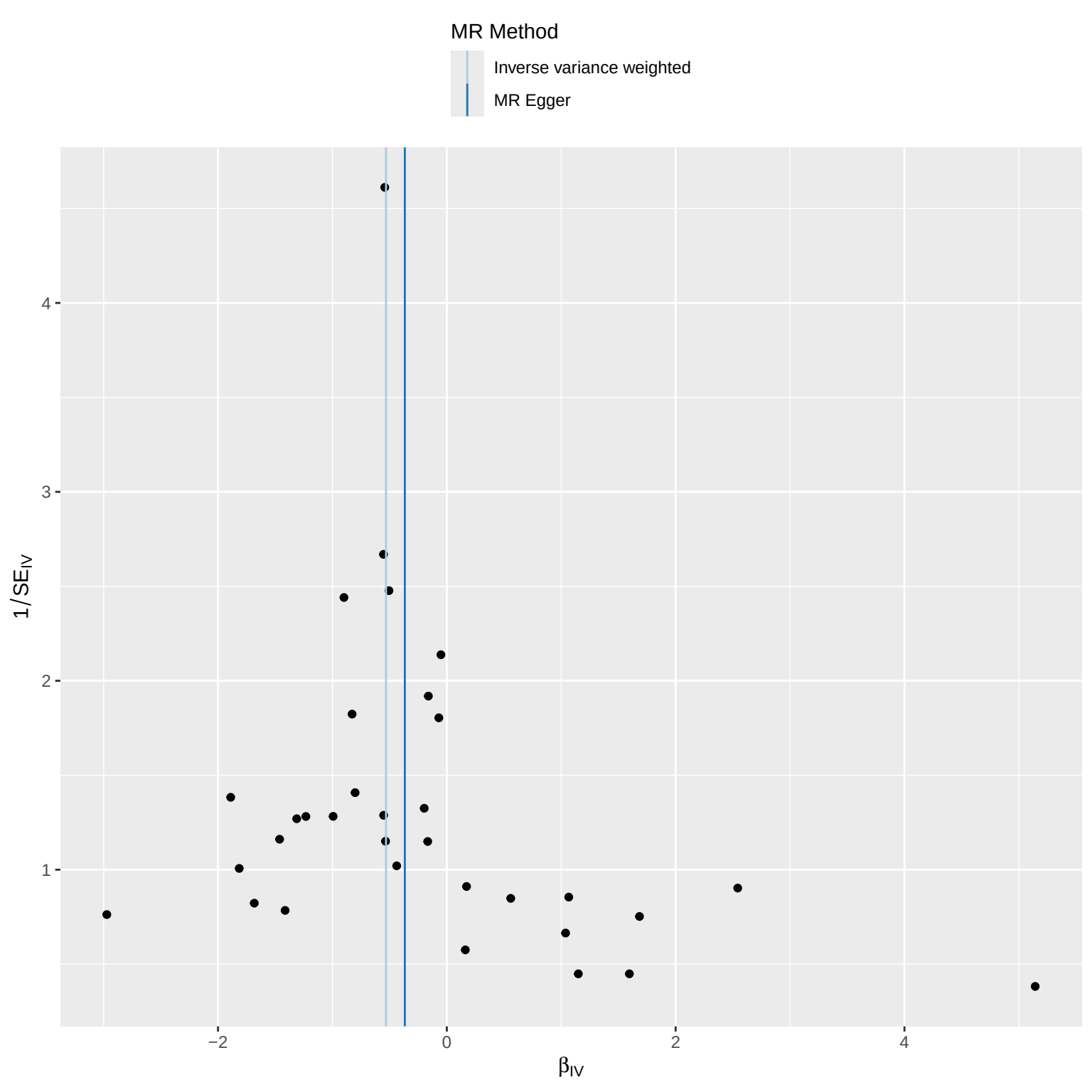

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

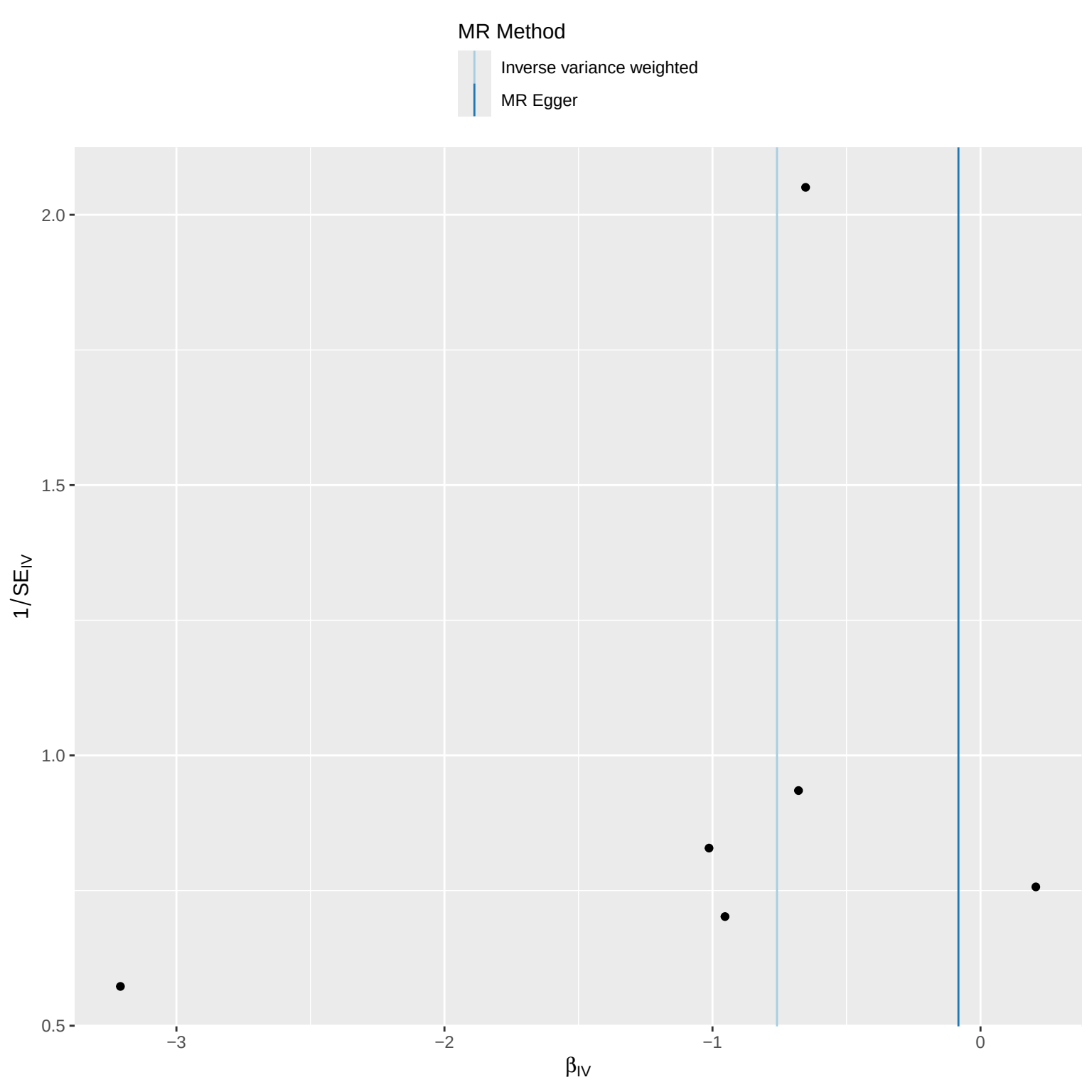

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

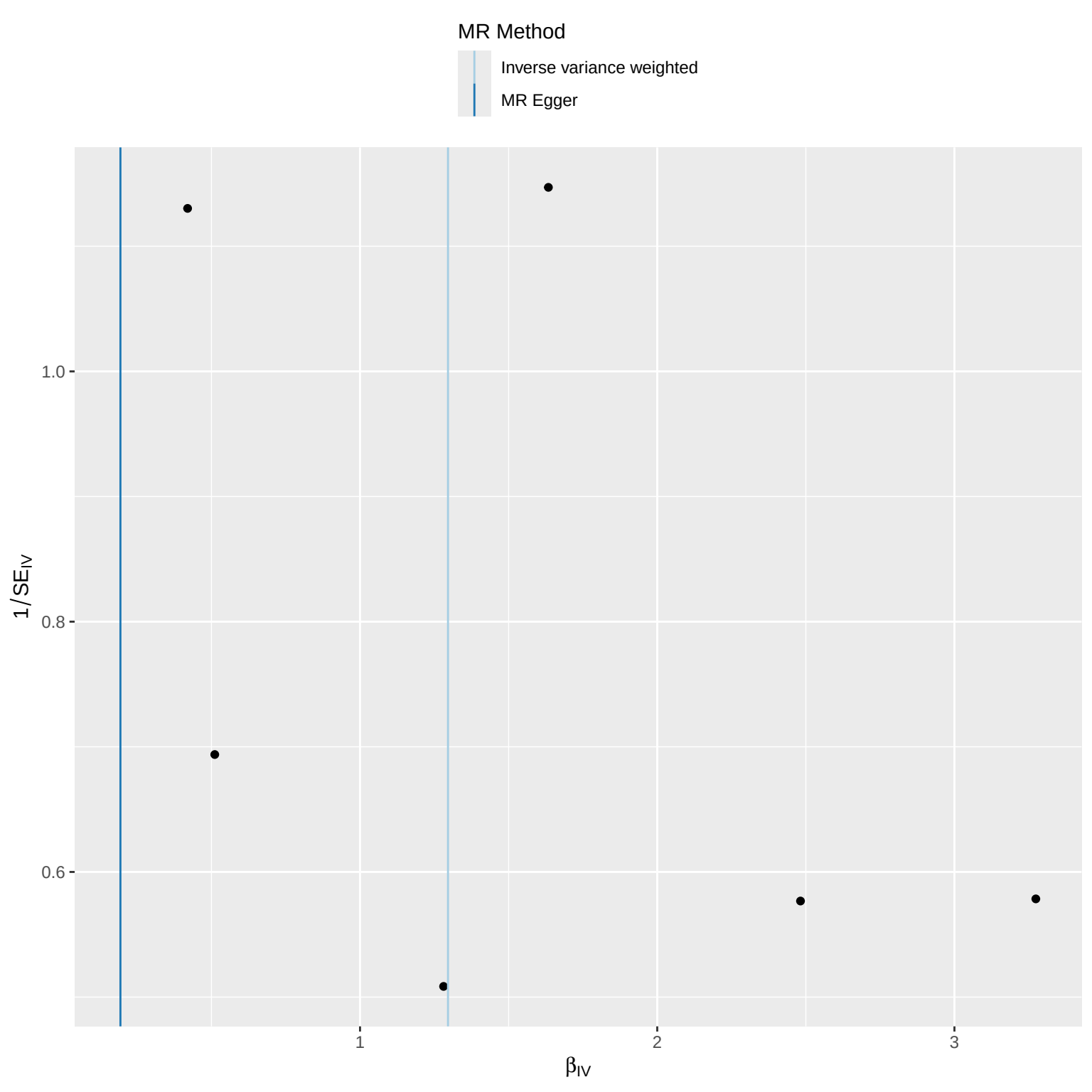

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

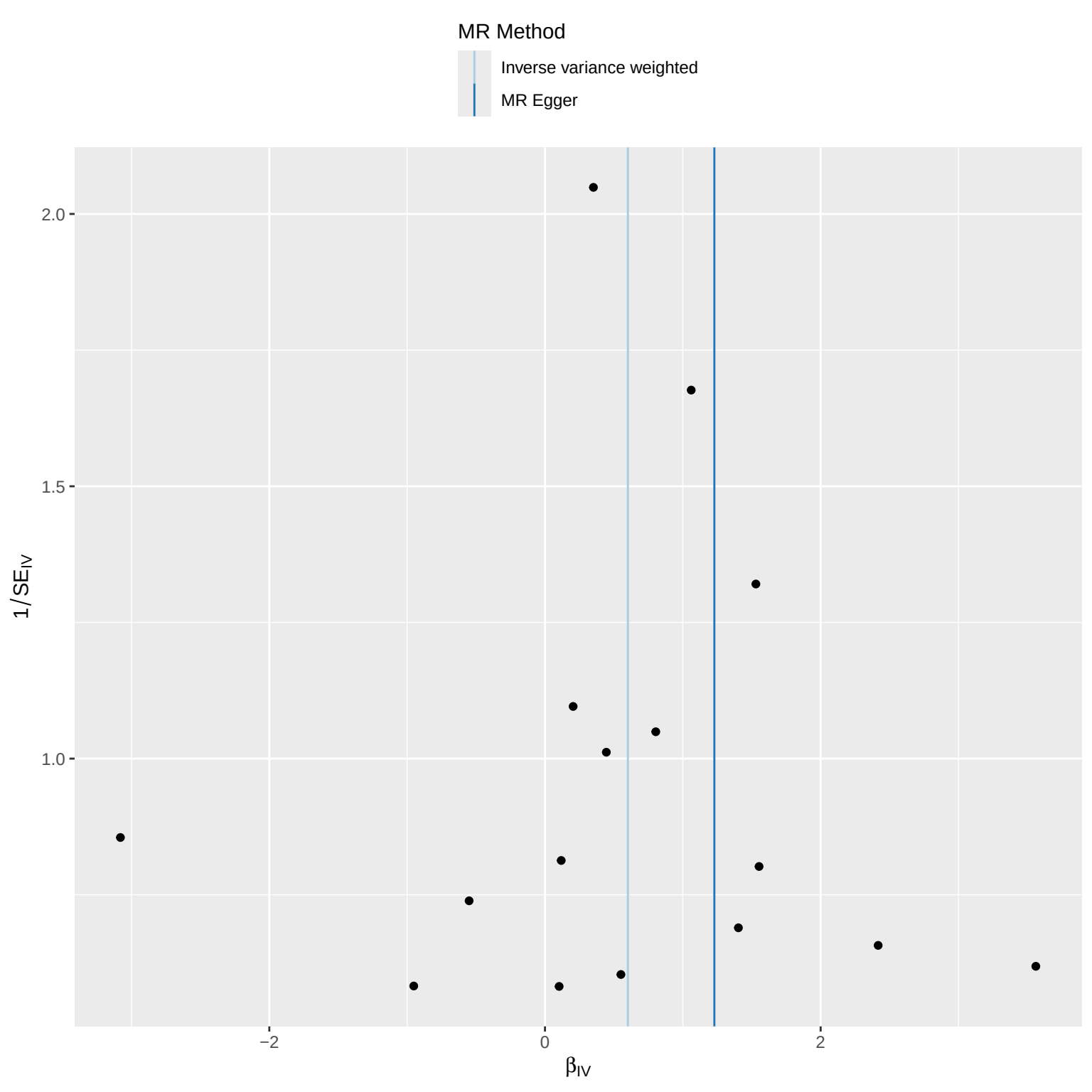

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
3
β_IV

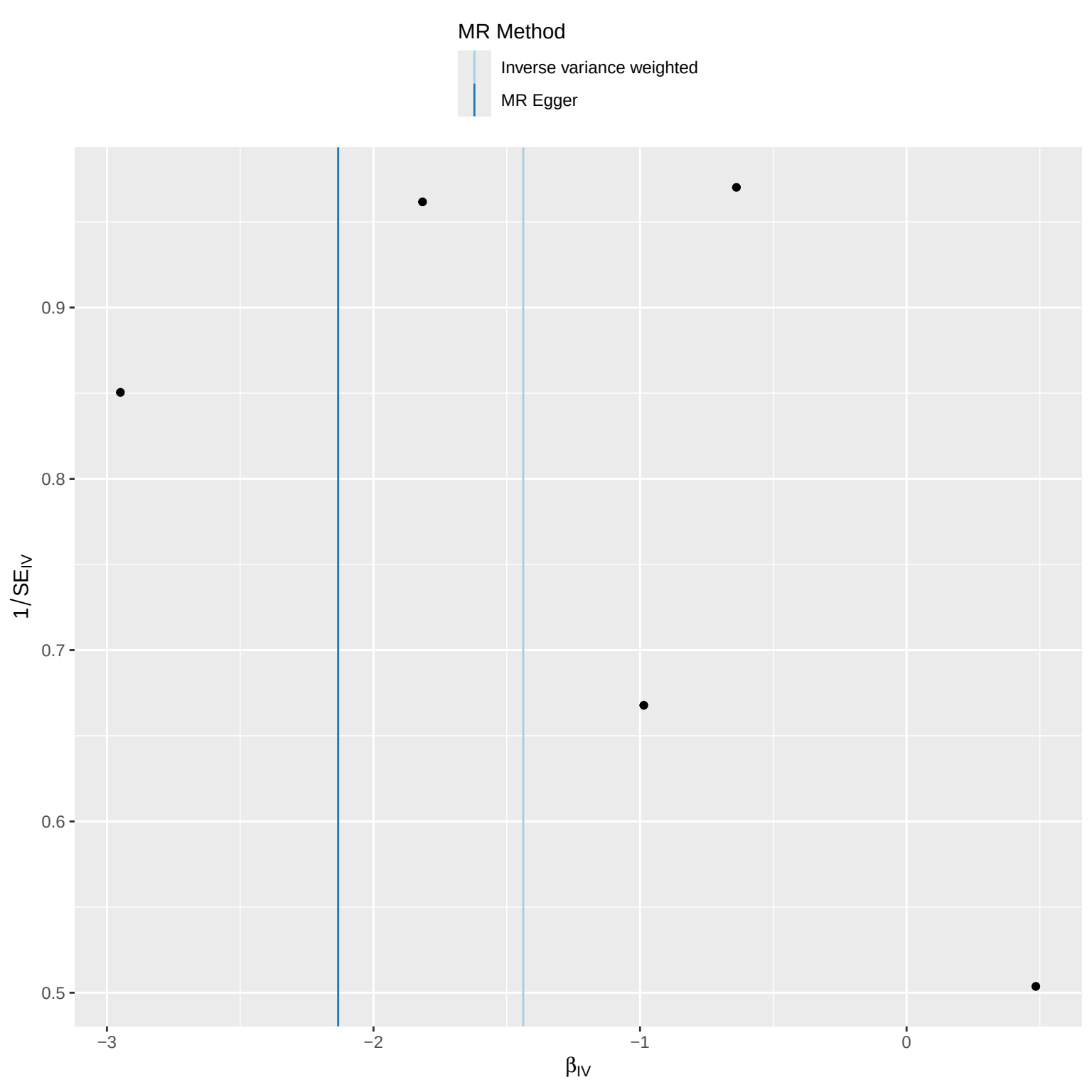

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

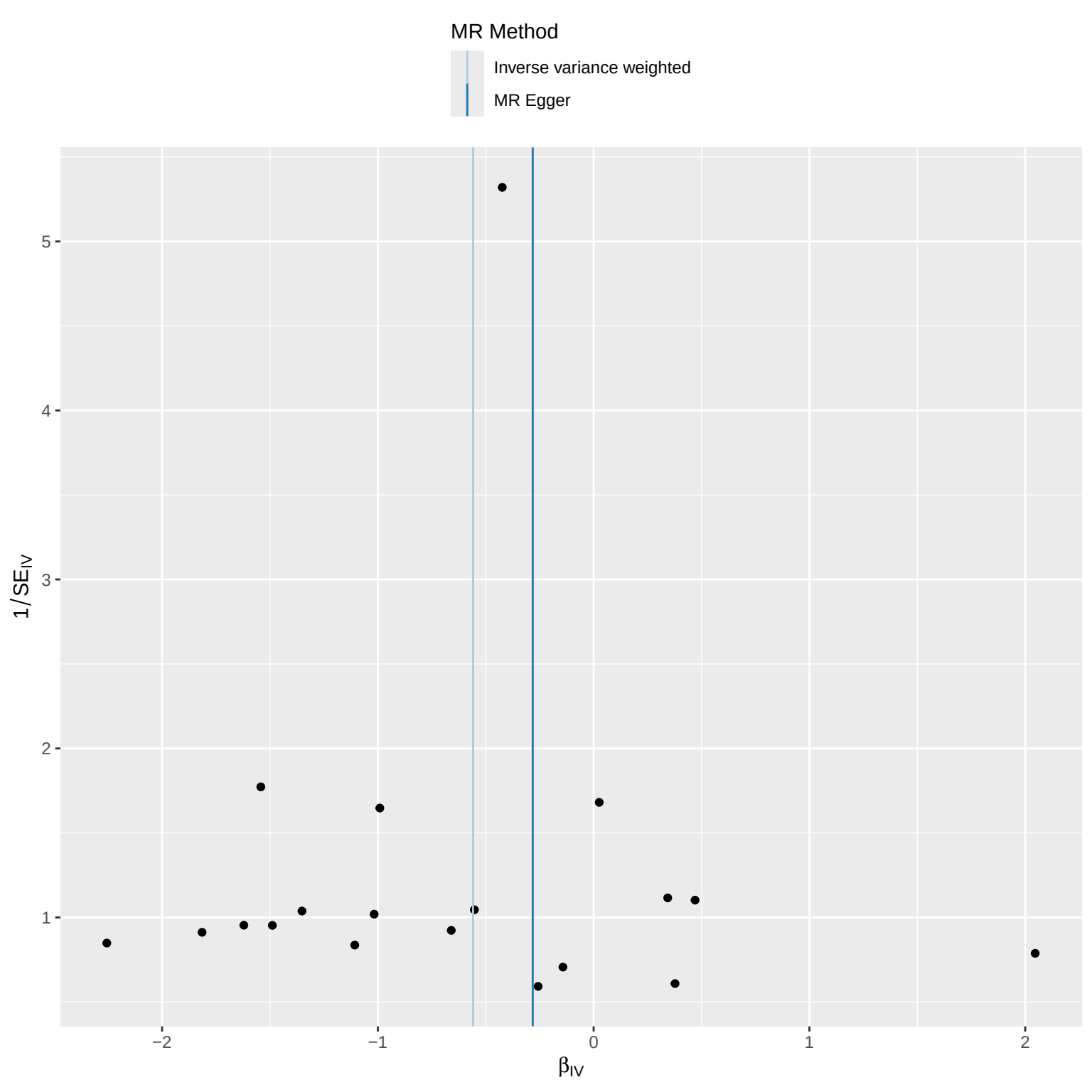

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
β_IV

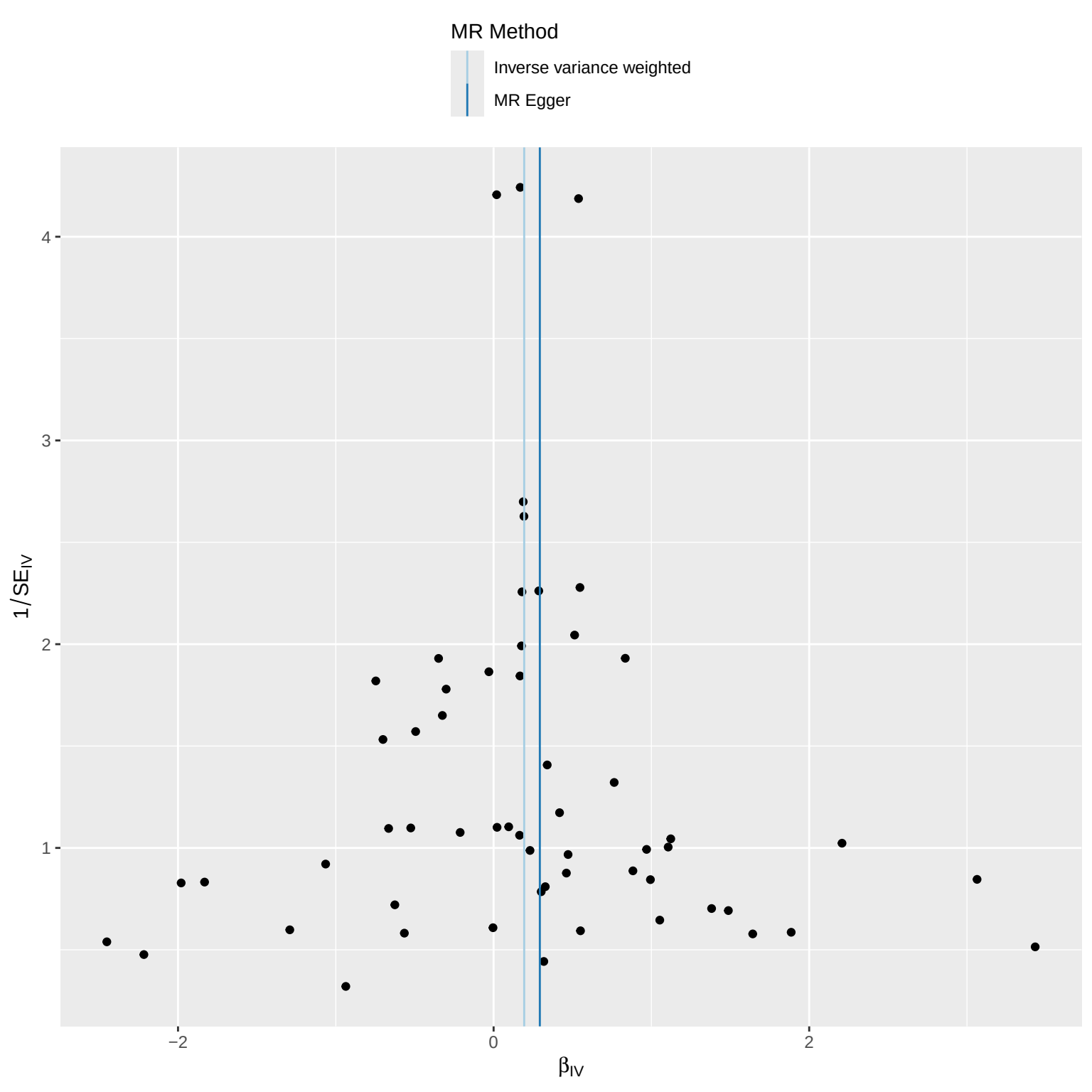

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
β_IV

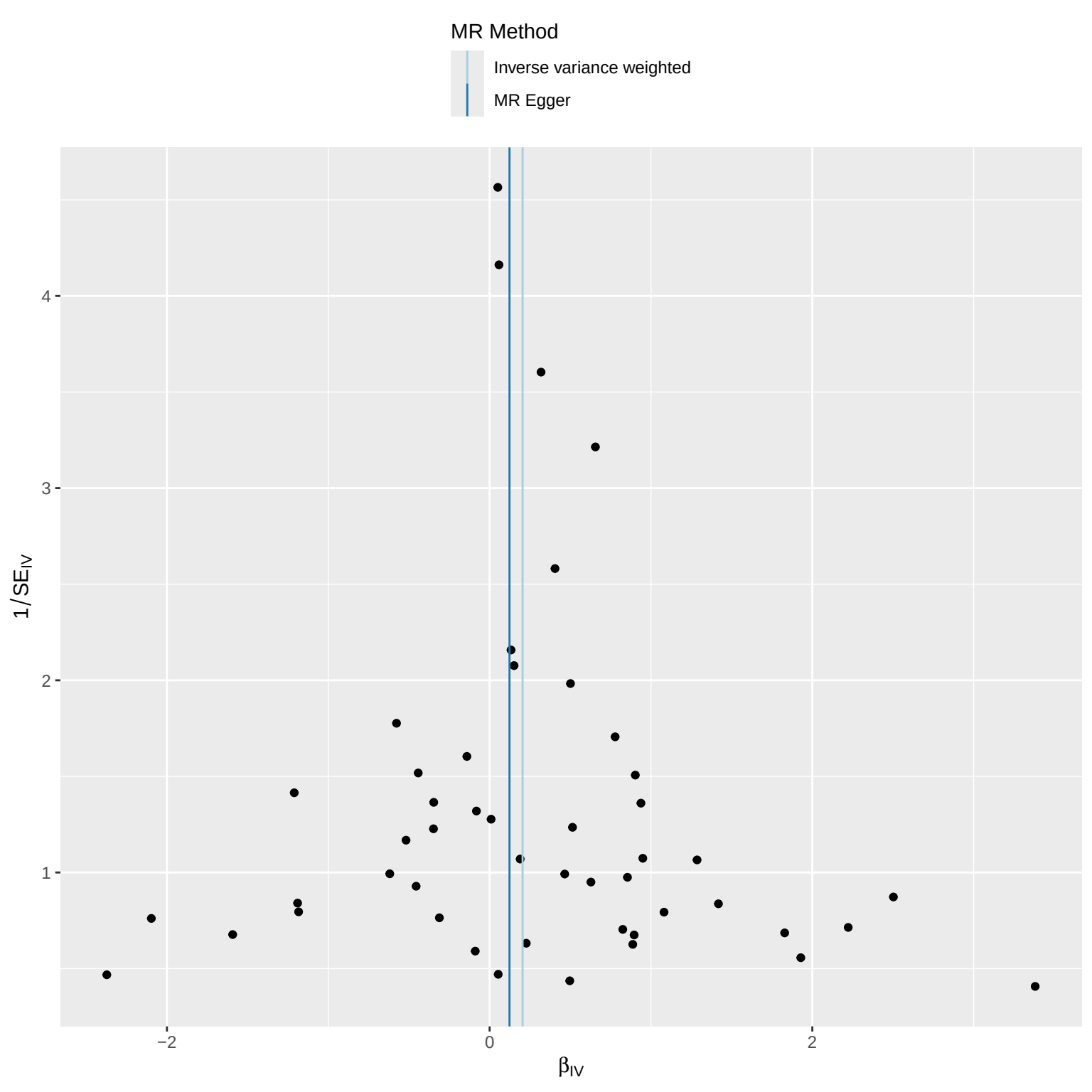

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
1
2
3
β_IV

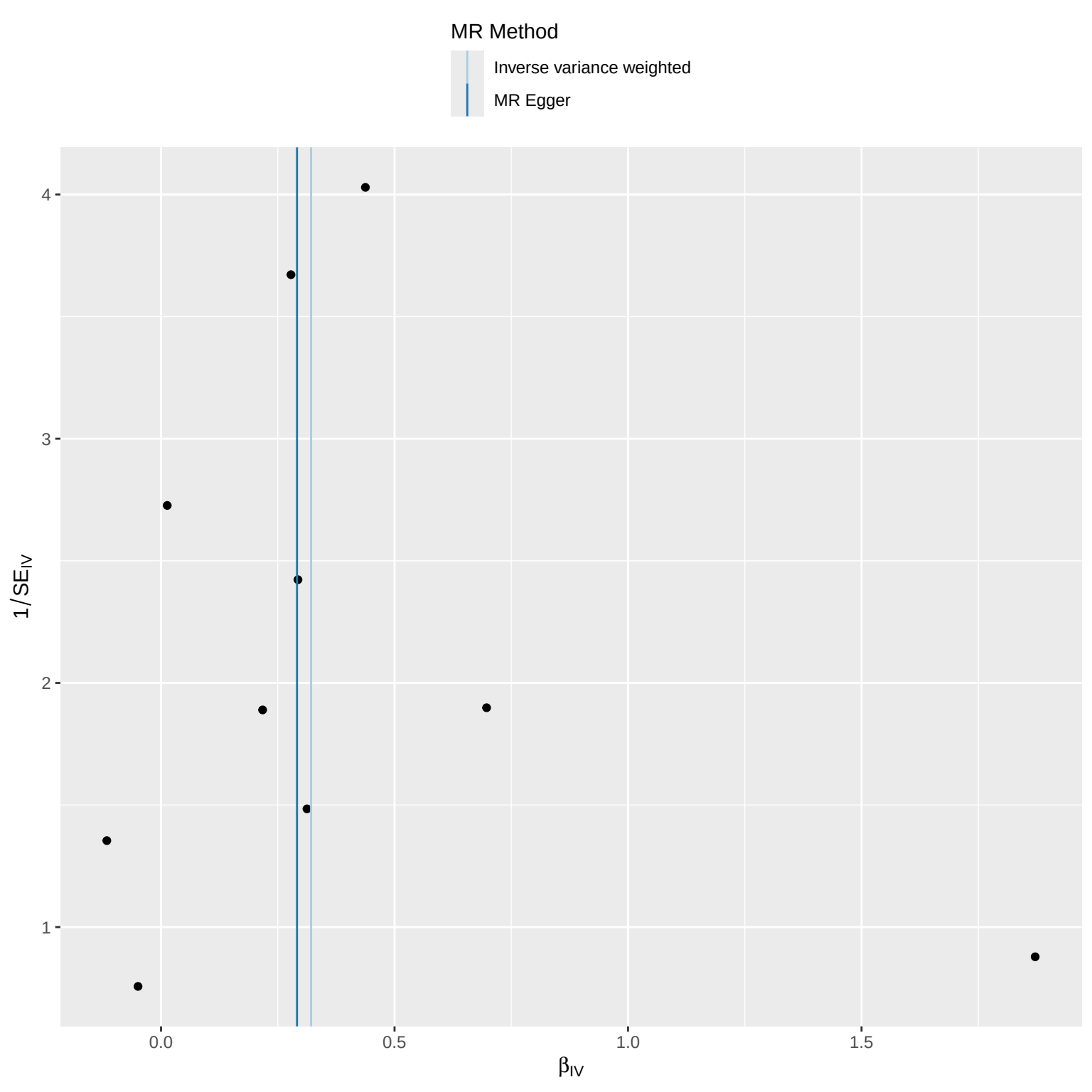

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2
0
2
β_IV

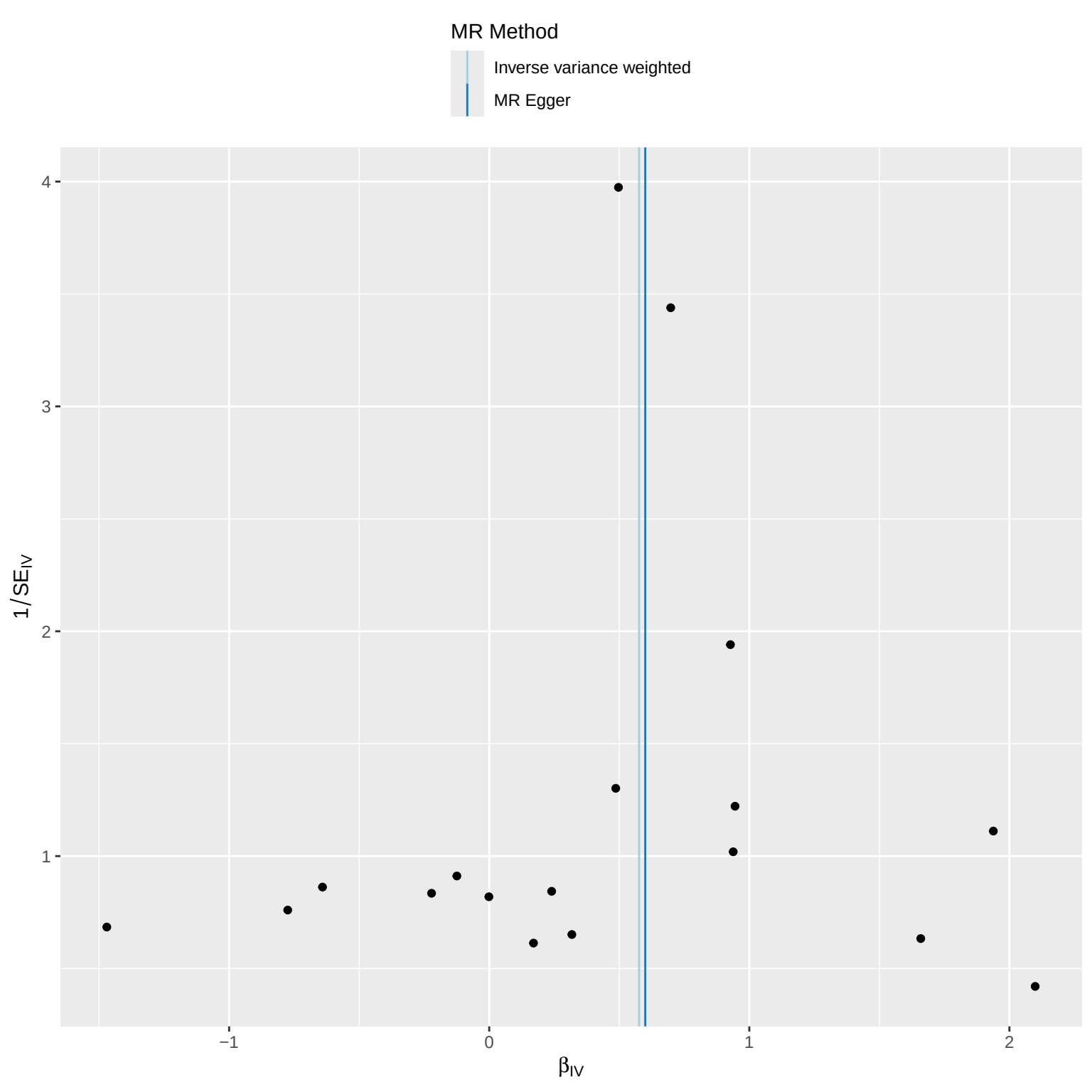

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
0.5
1/SE_IV
−3
−2
−1
0
β_IV

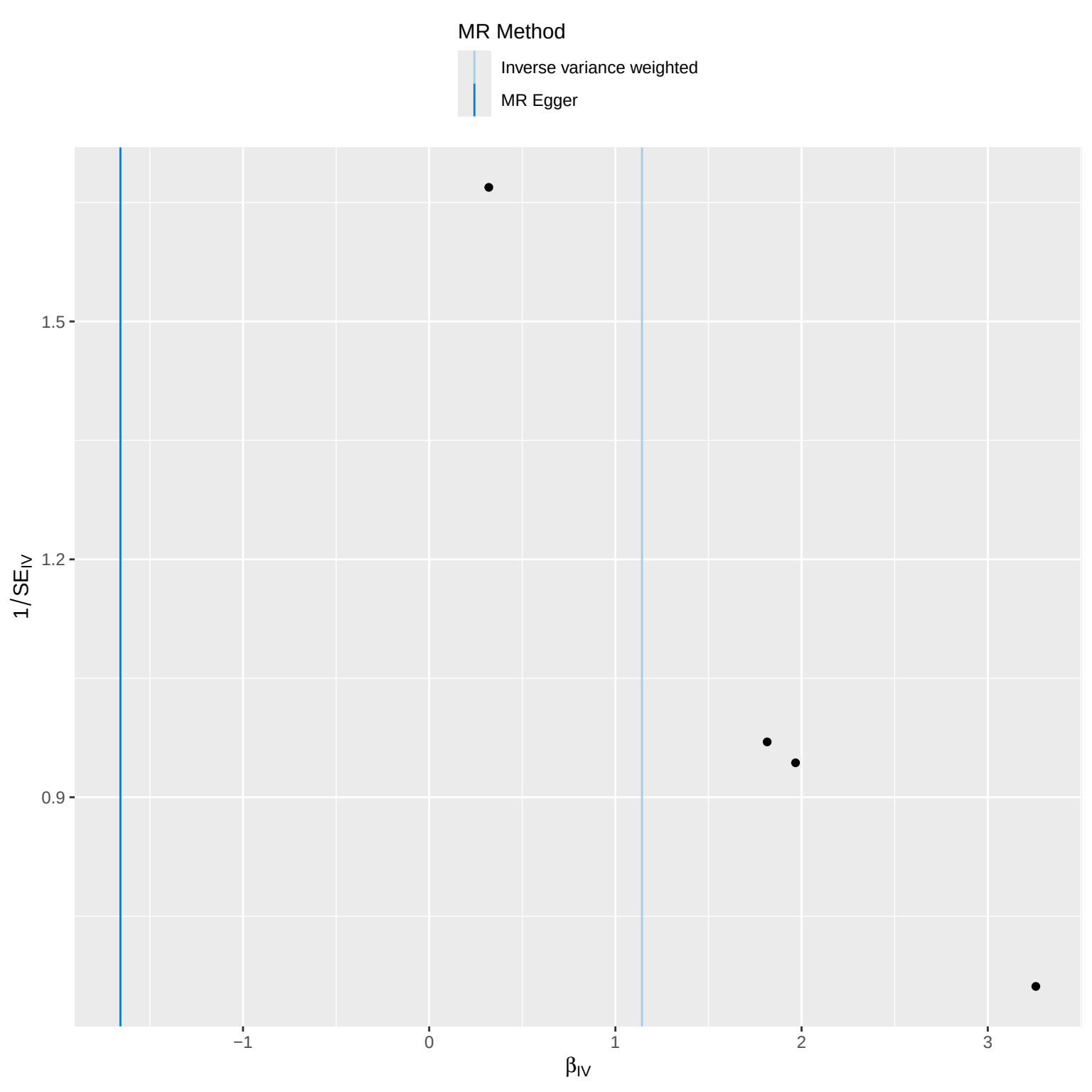

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

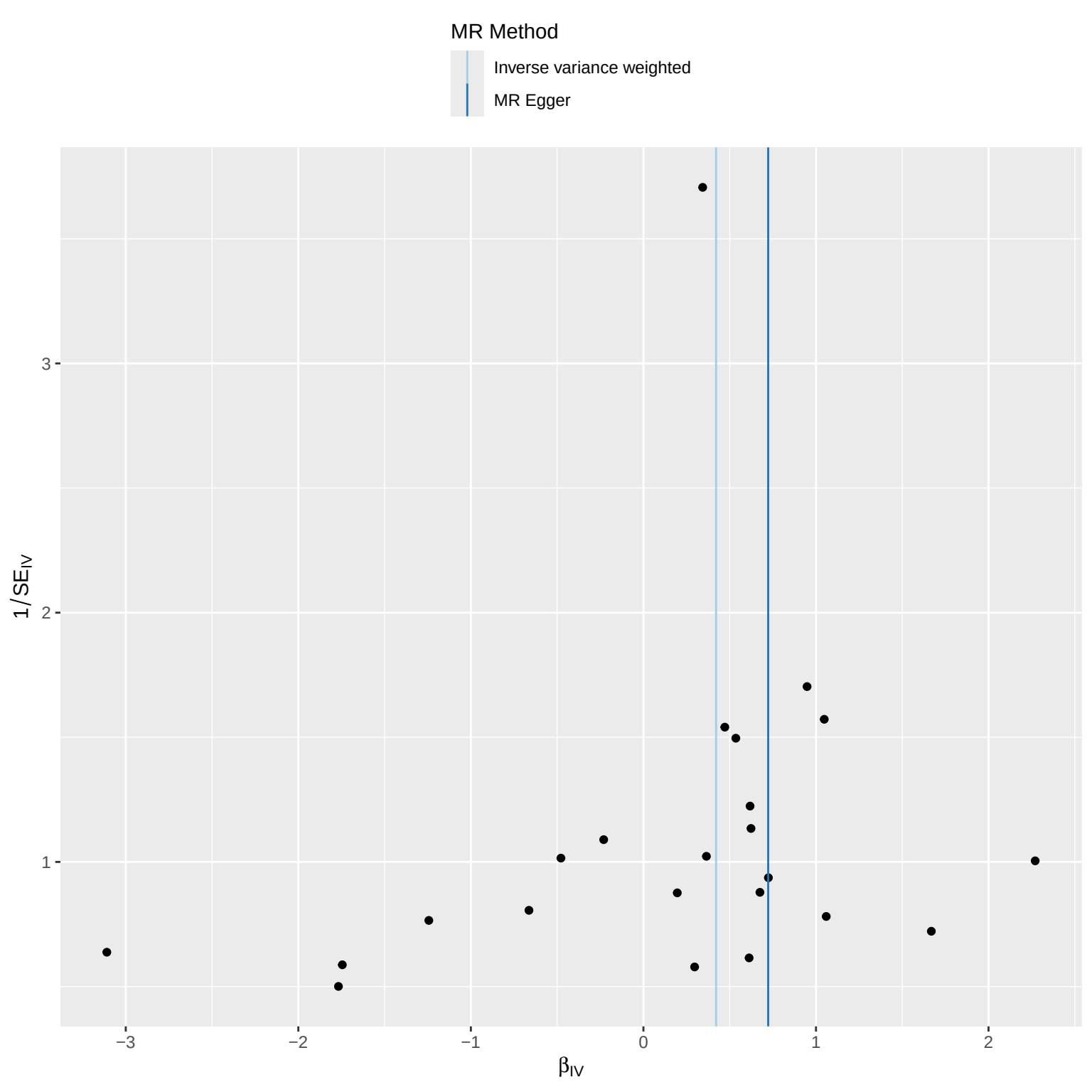

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

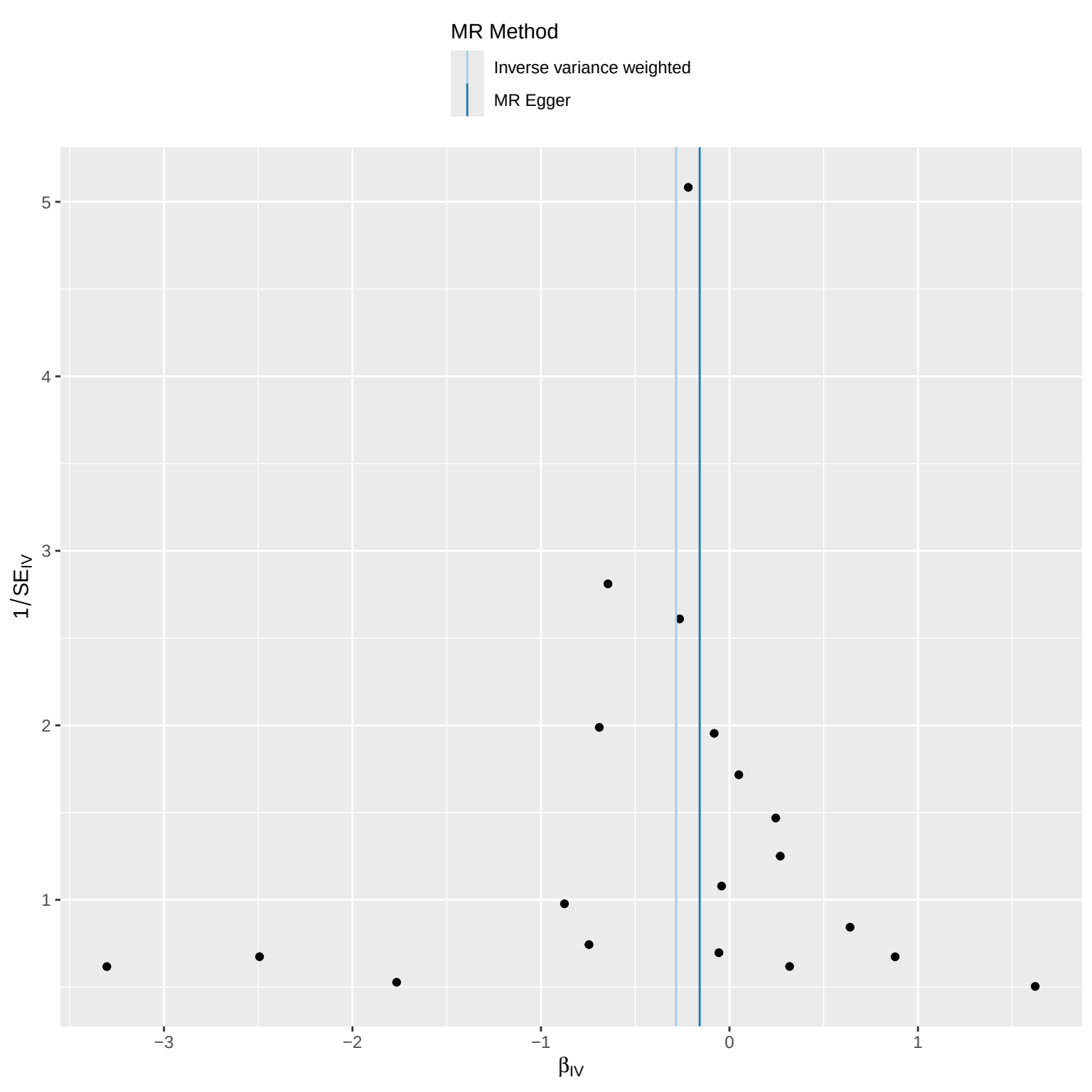

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

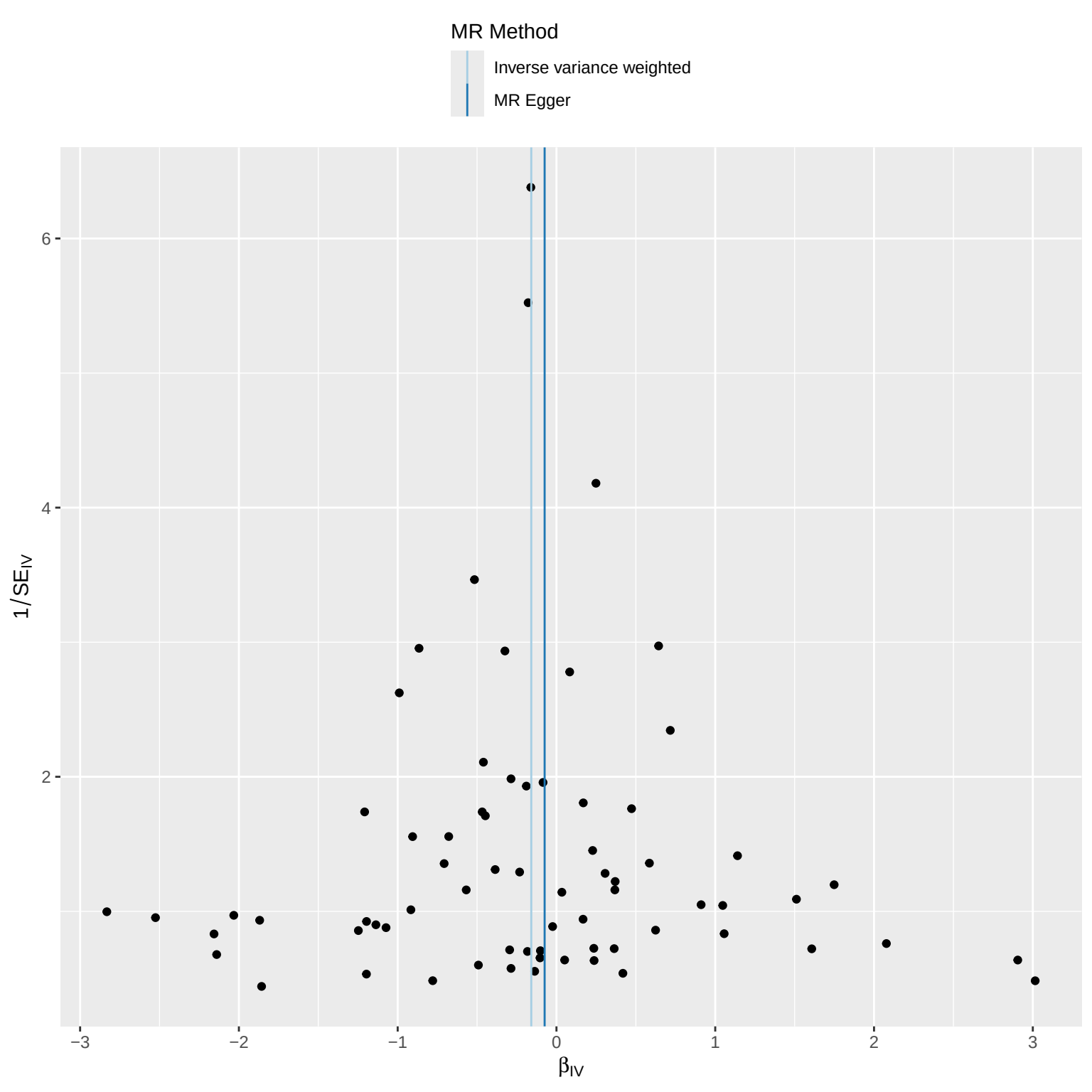

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

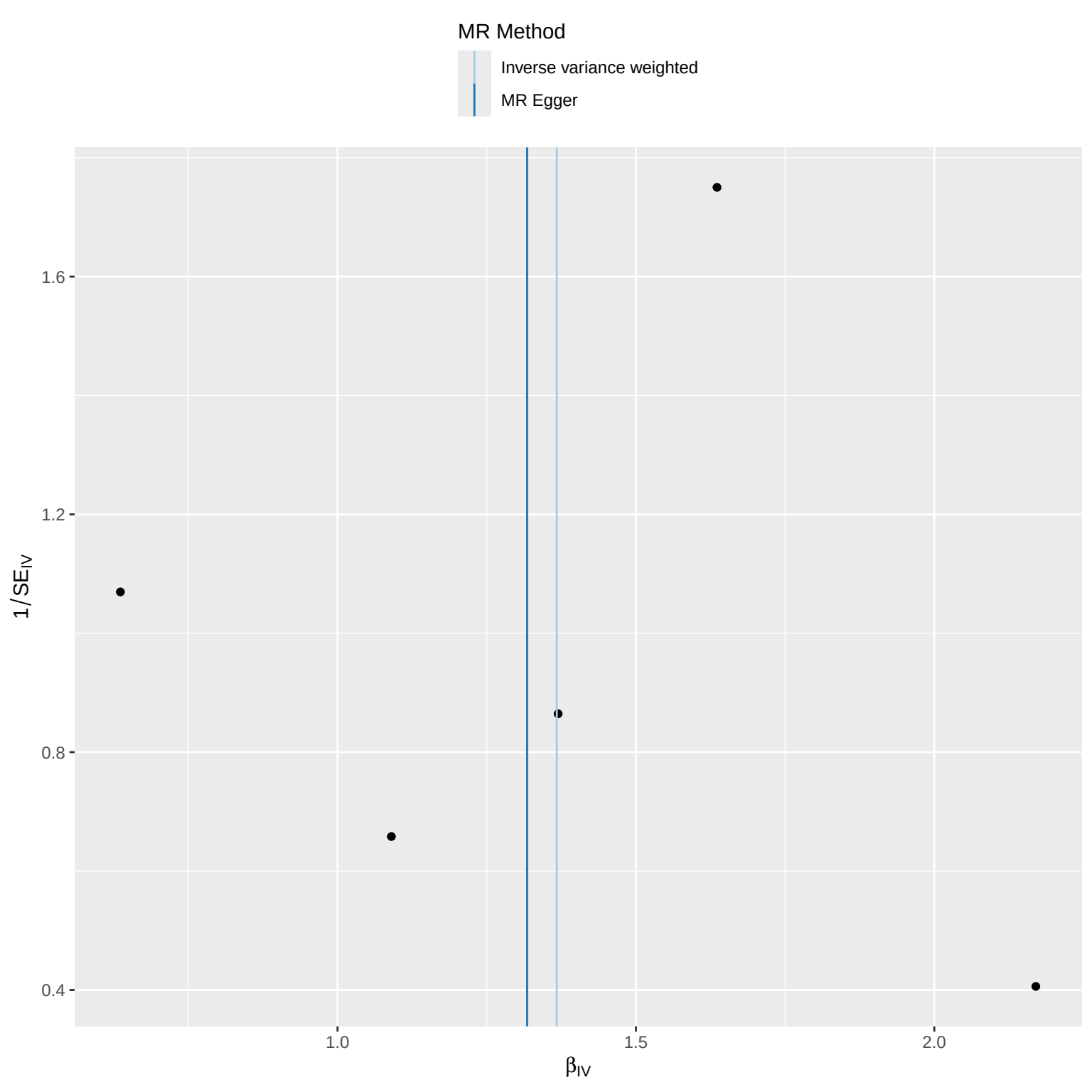

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

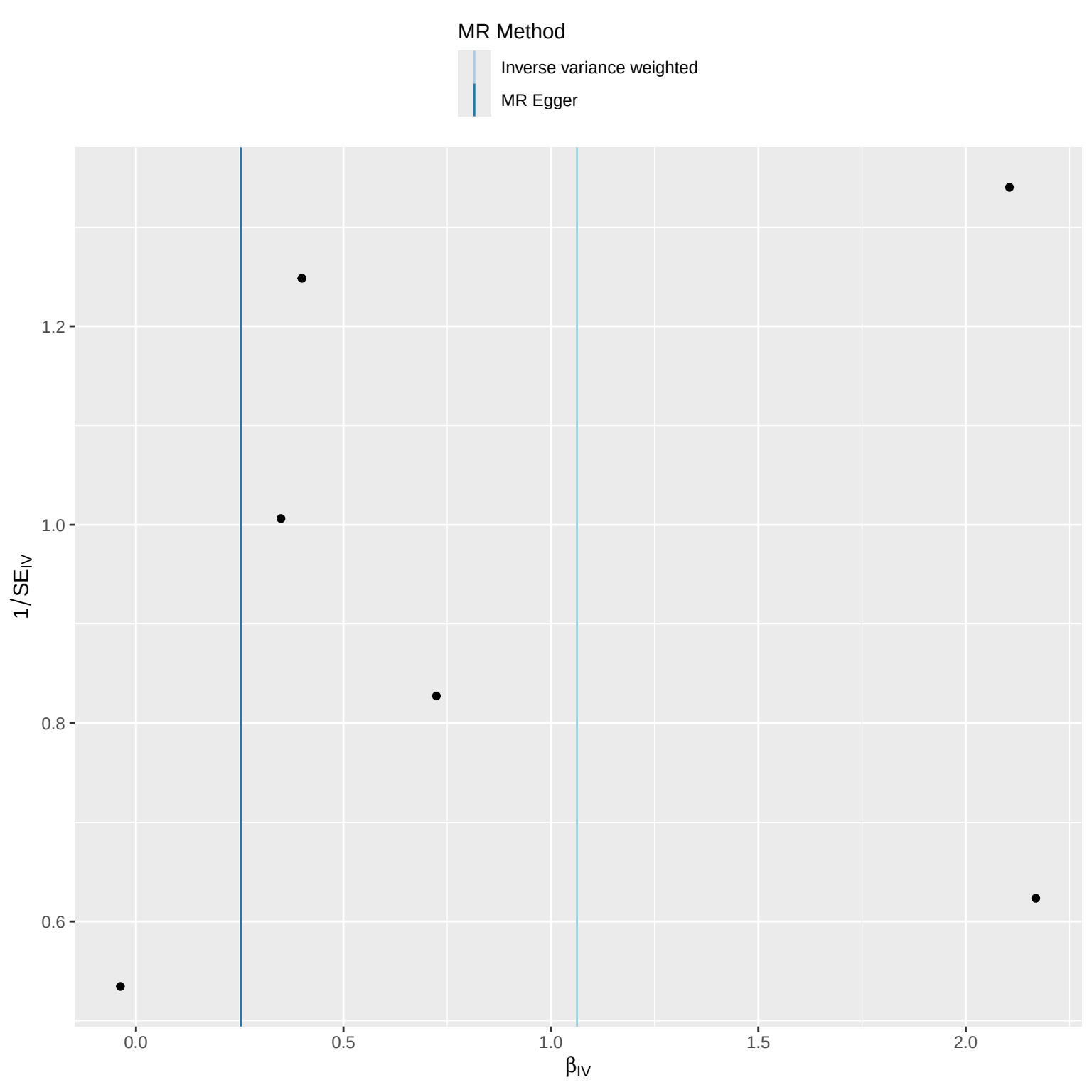

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
1/SE_IV
−1
0
1
2
3
β_IV

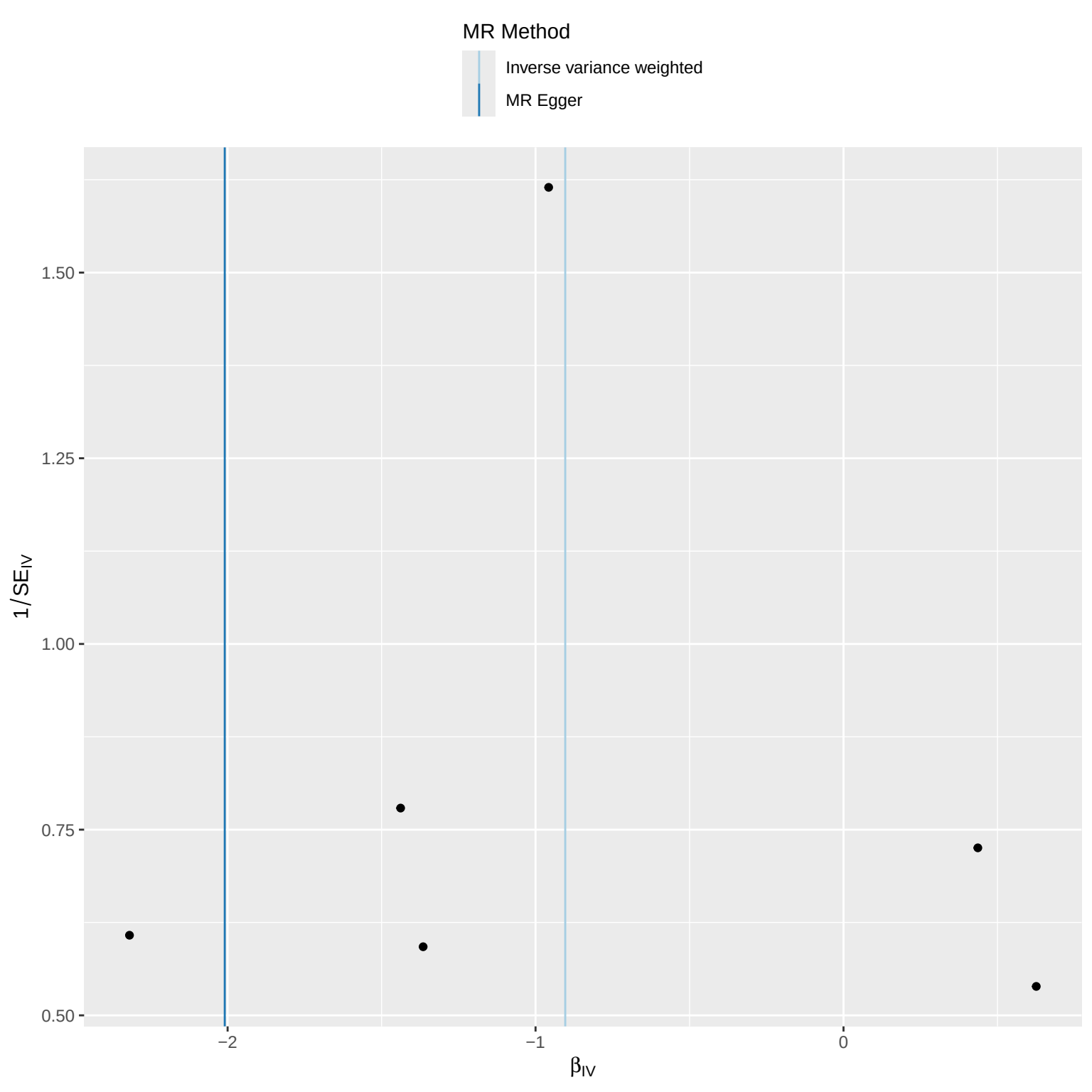

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

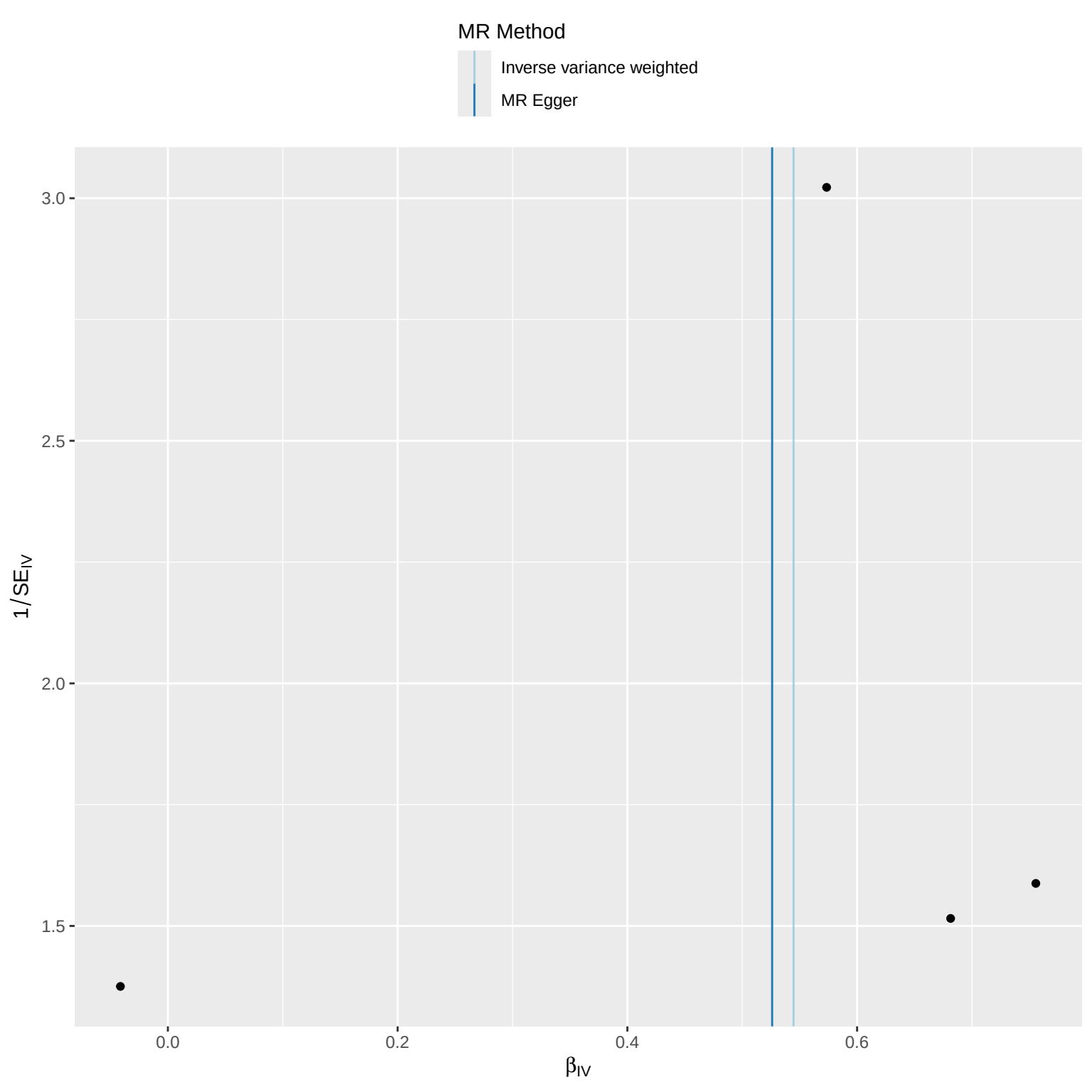

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

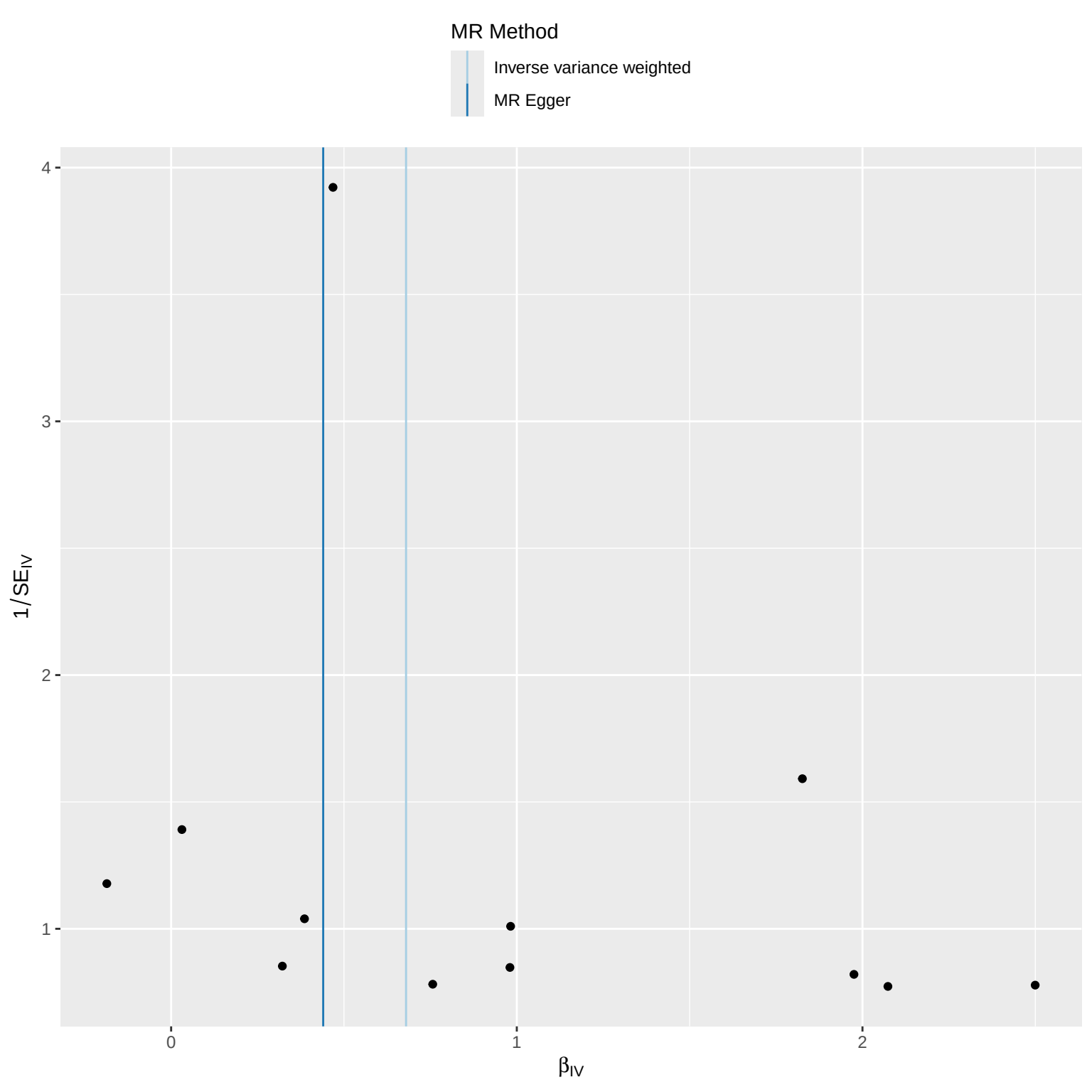

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

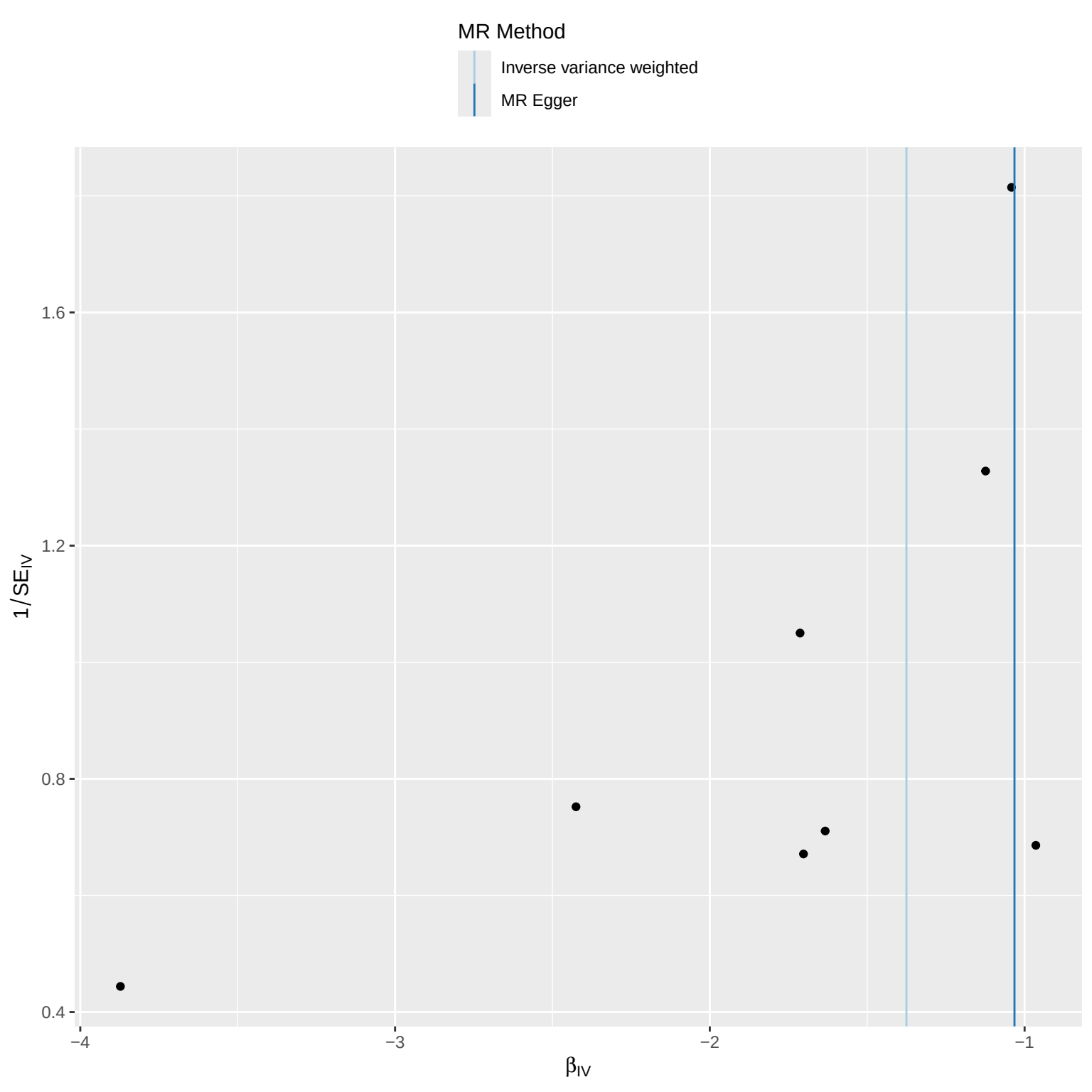

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
1.0
1.5
2.0
β_IV

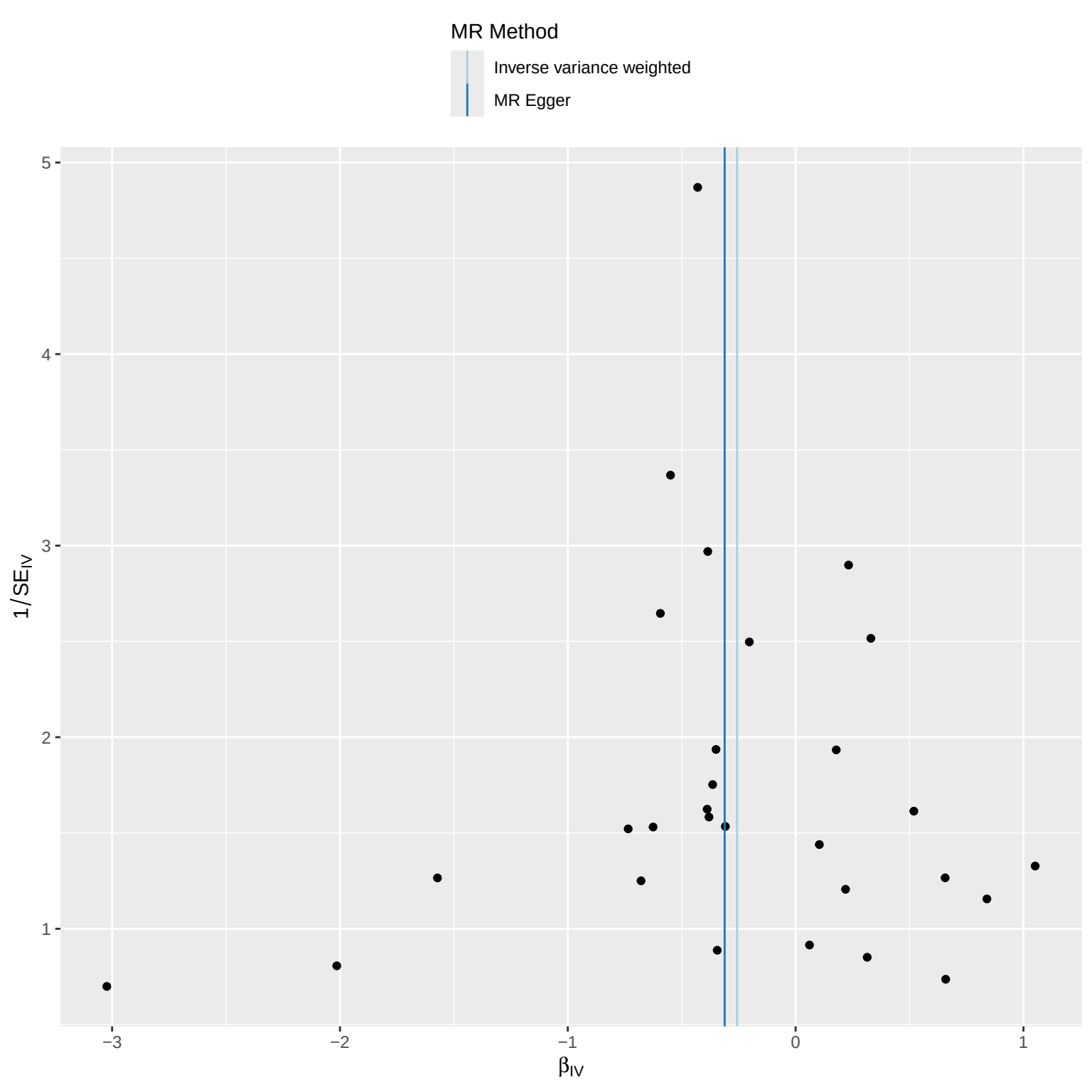

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

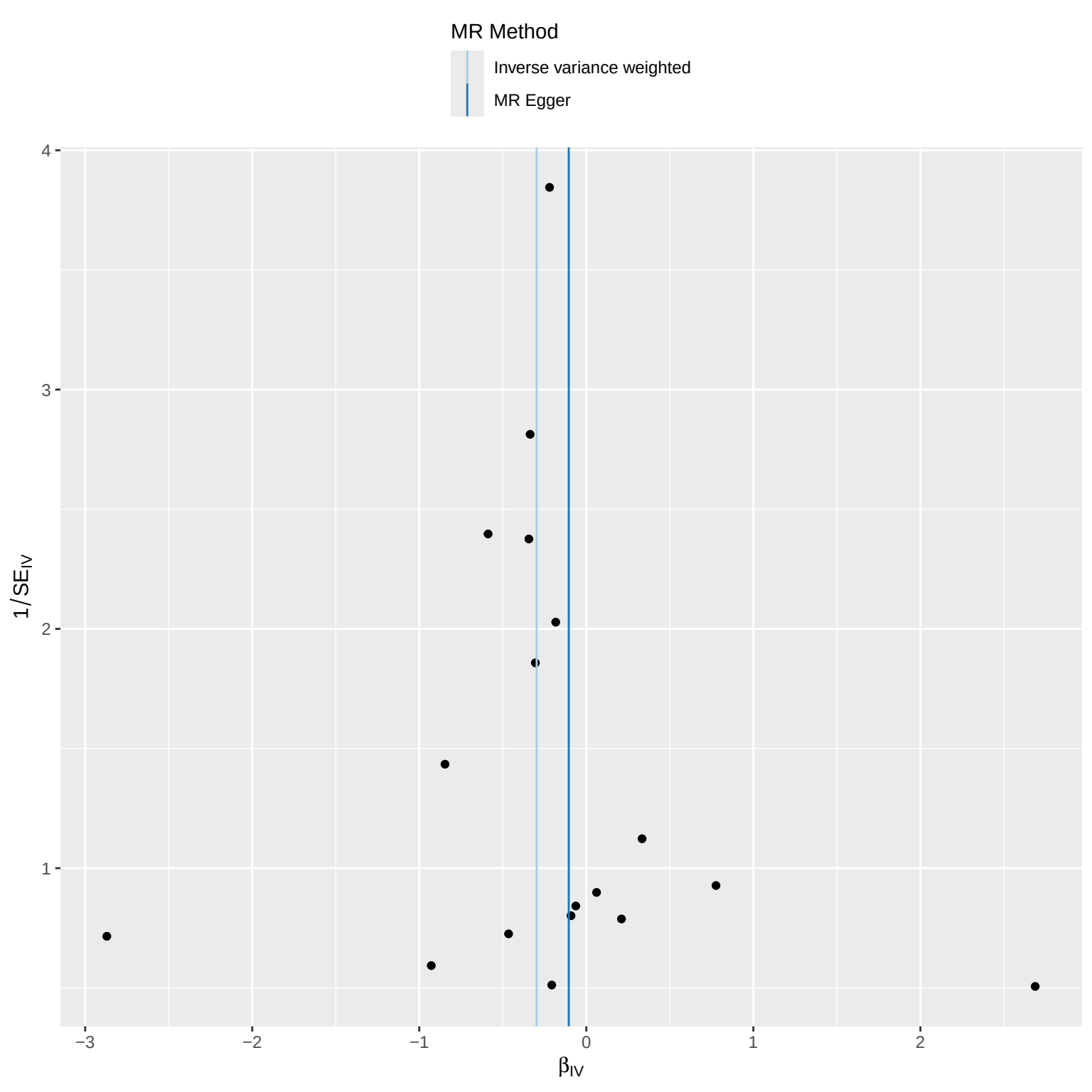

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
β_IV

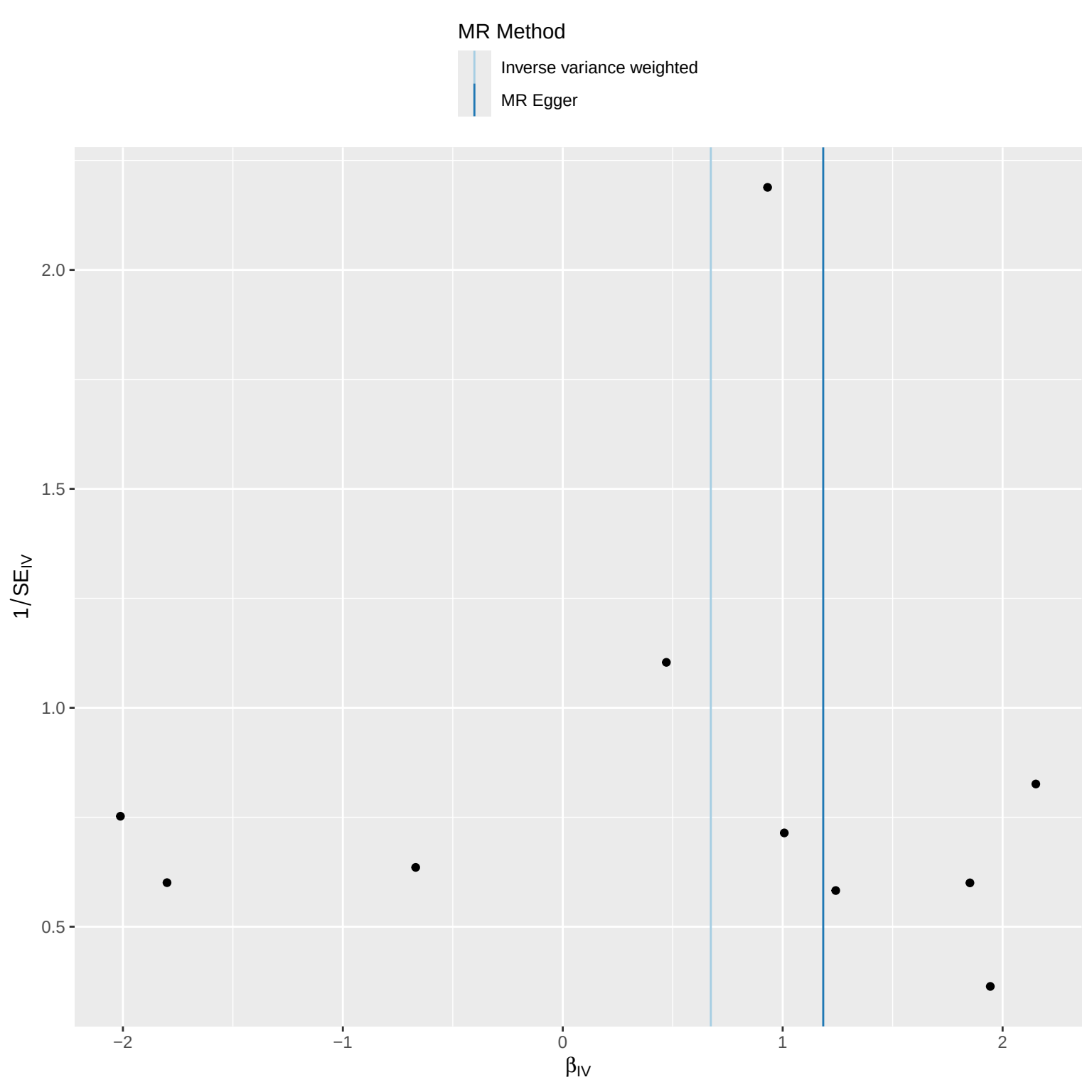

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1/SE_IV
0.0
0.2
0.4
0.6
β_IV

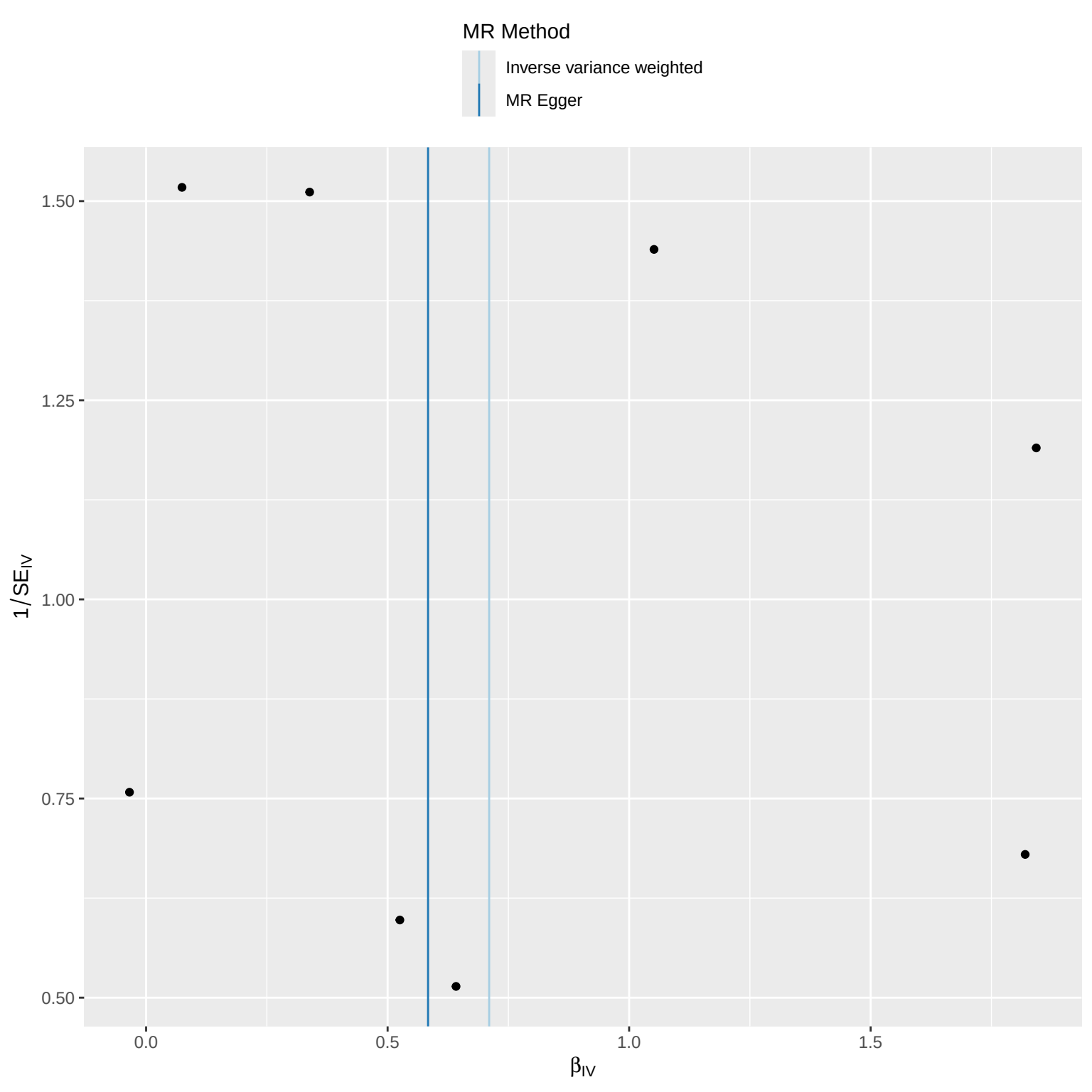

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1
2
1/SE_IV
β_IV

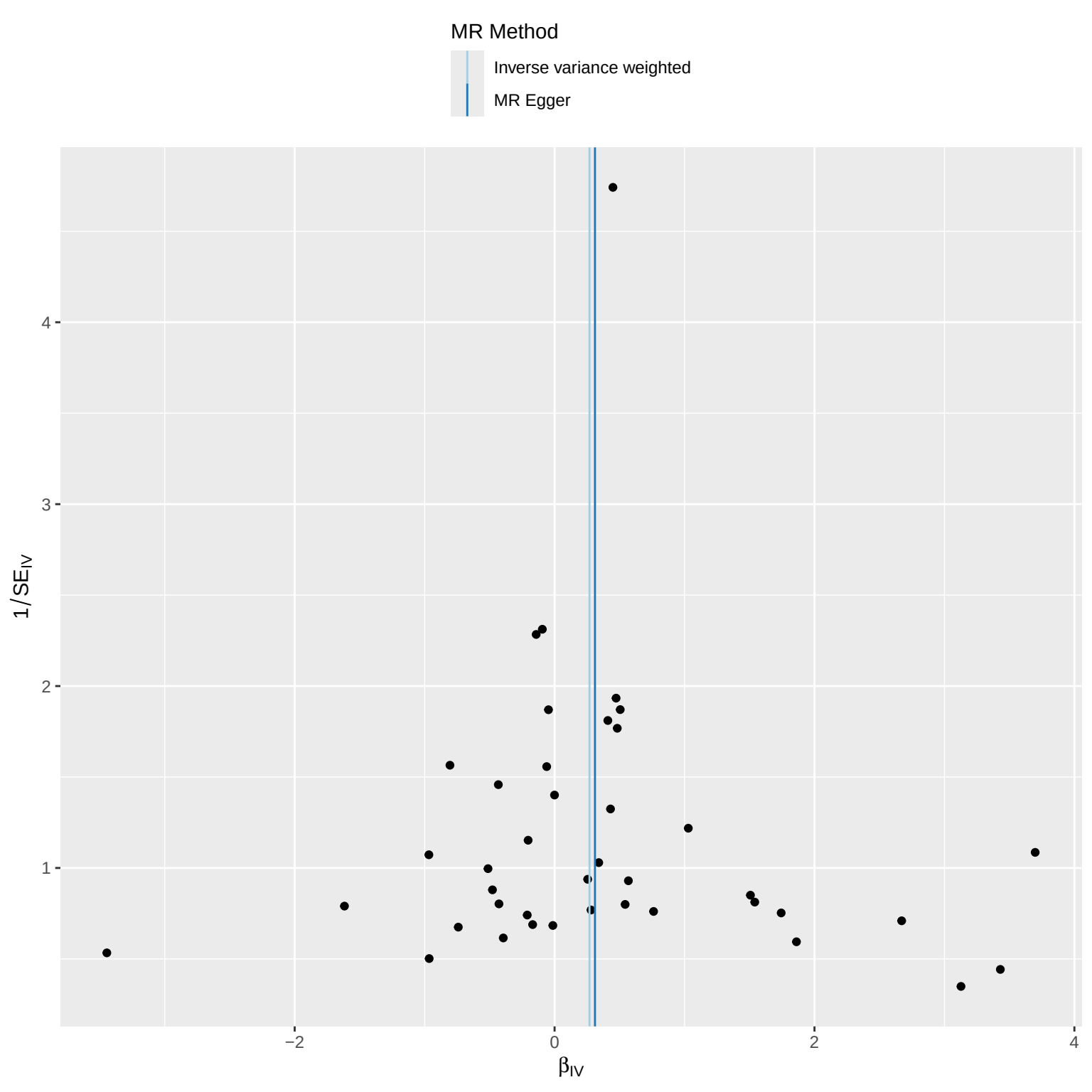

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−3
−2
−1
β_IV

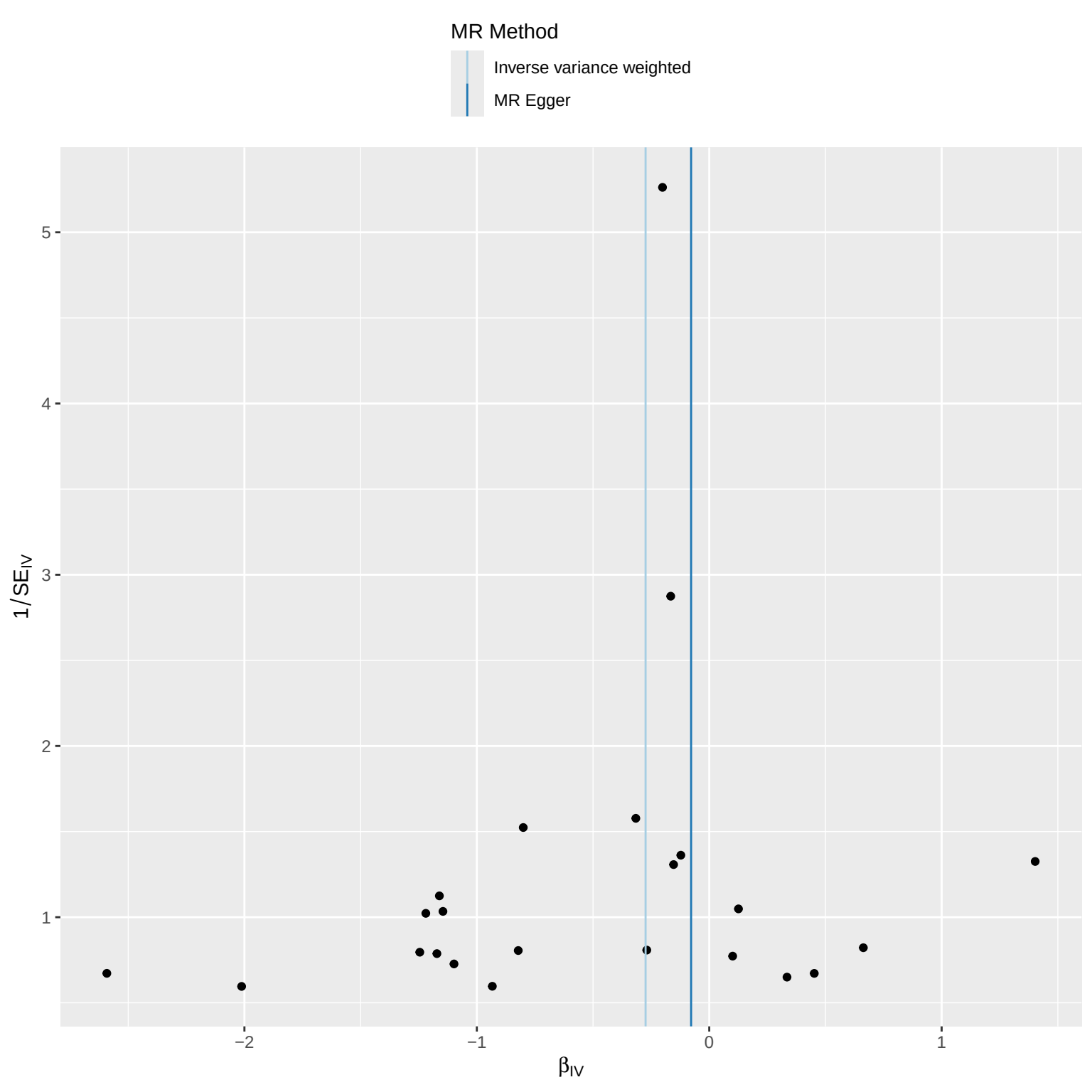

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

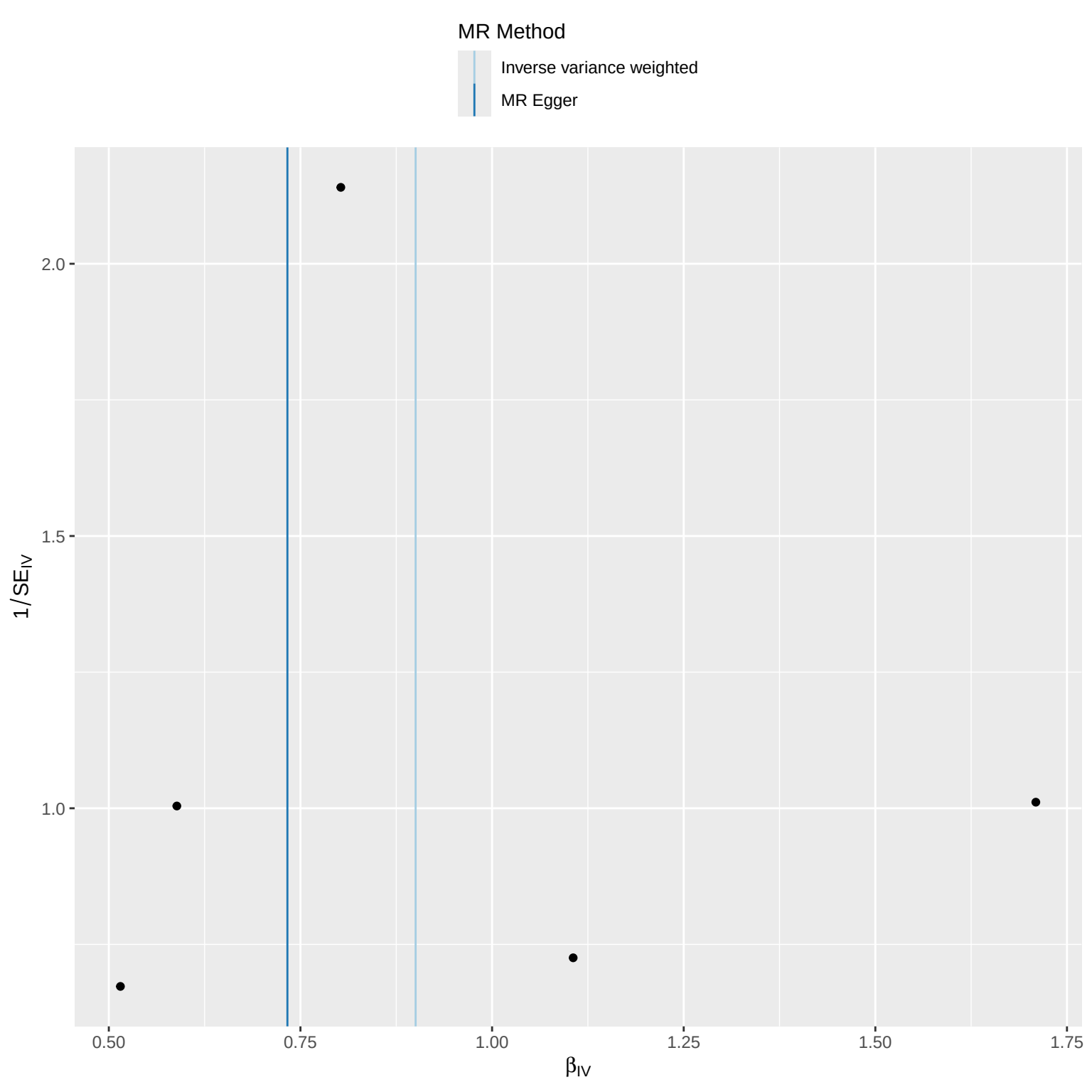

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

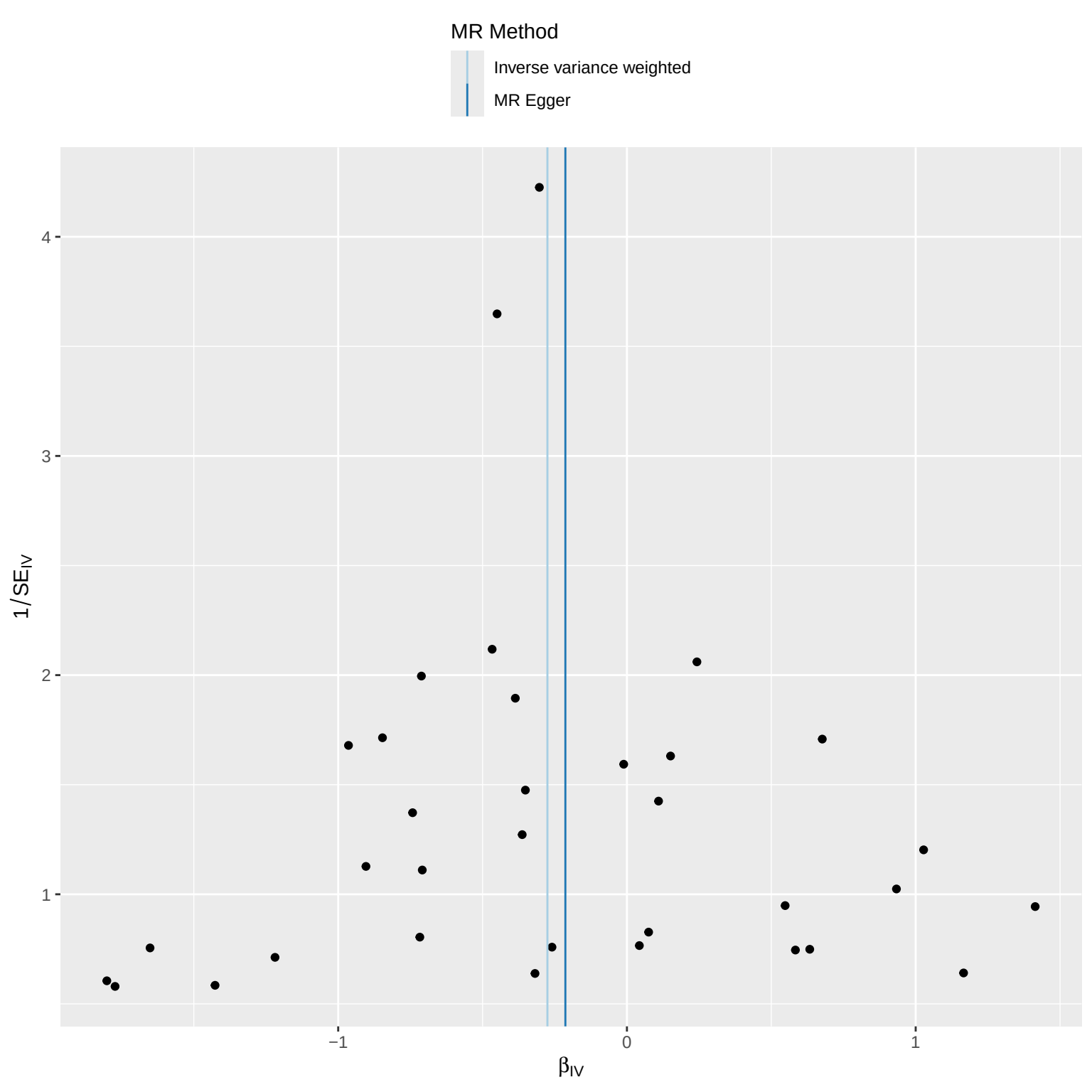

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

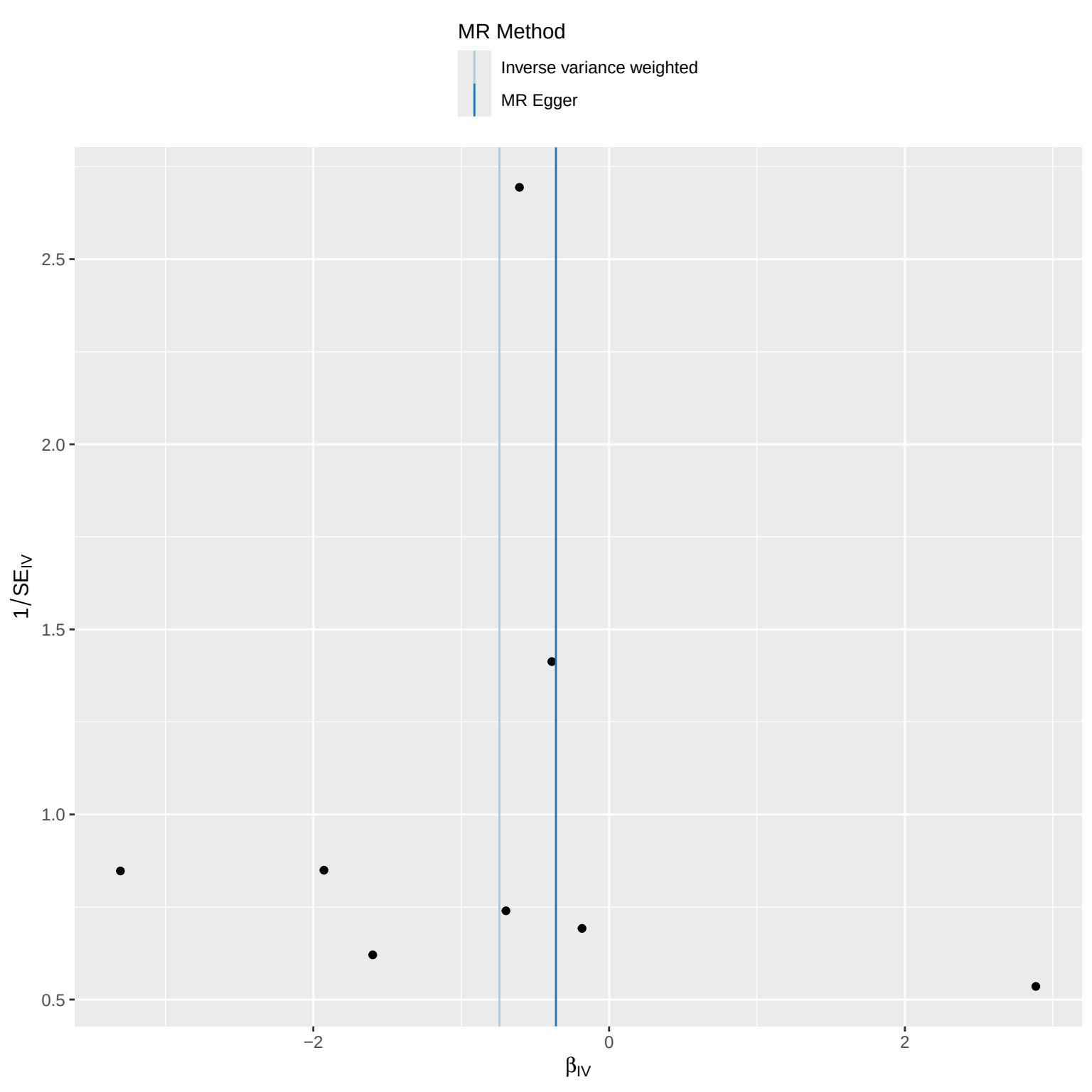

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

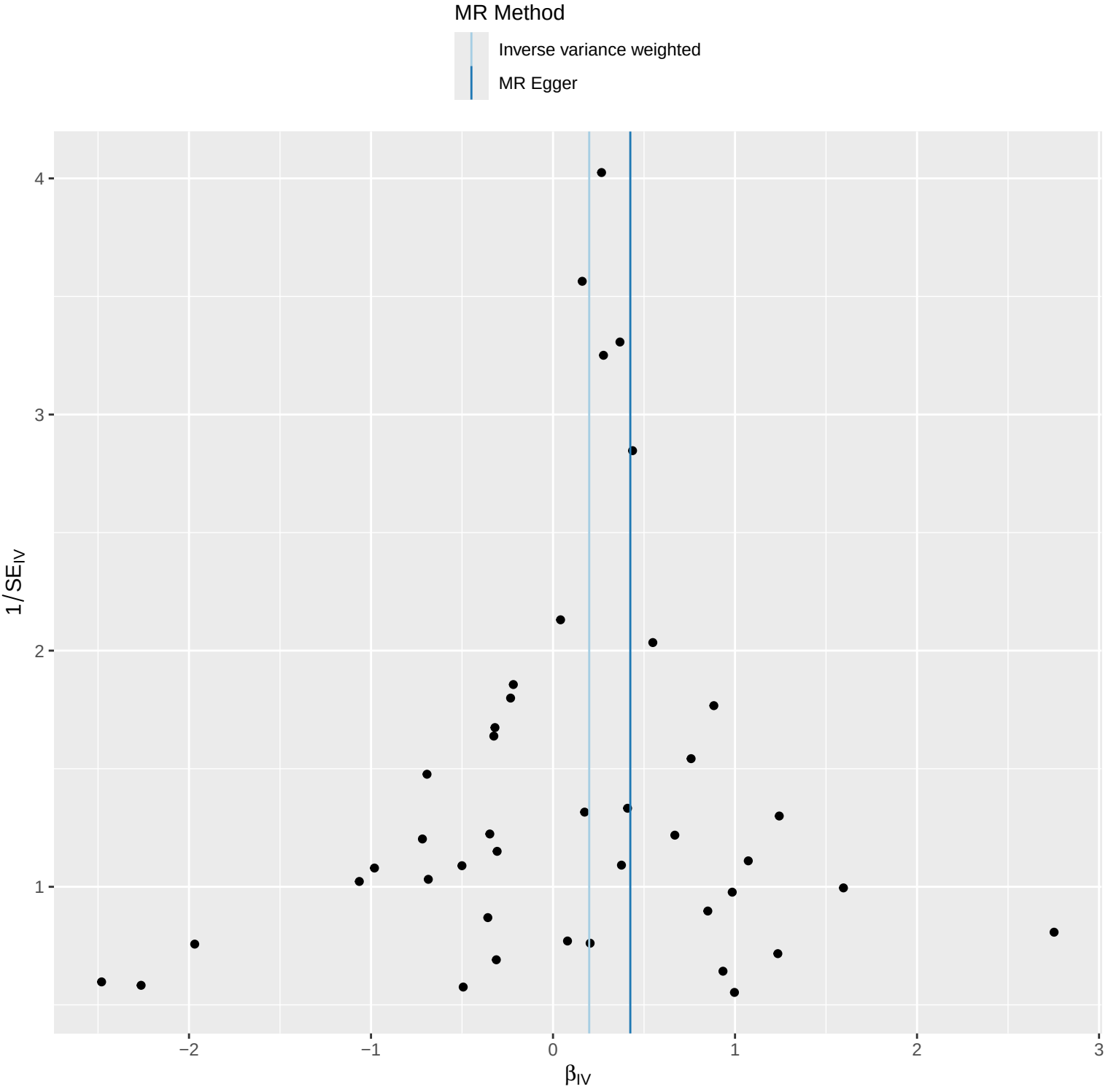

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
0
2
4

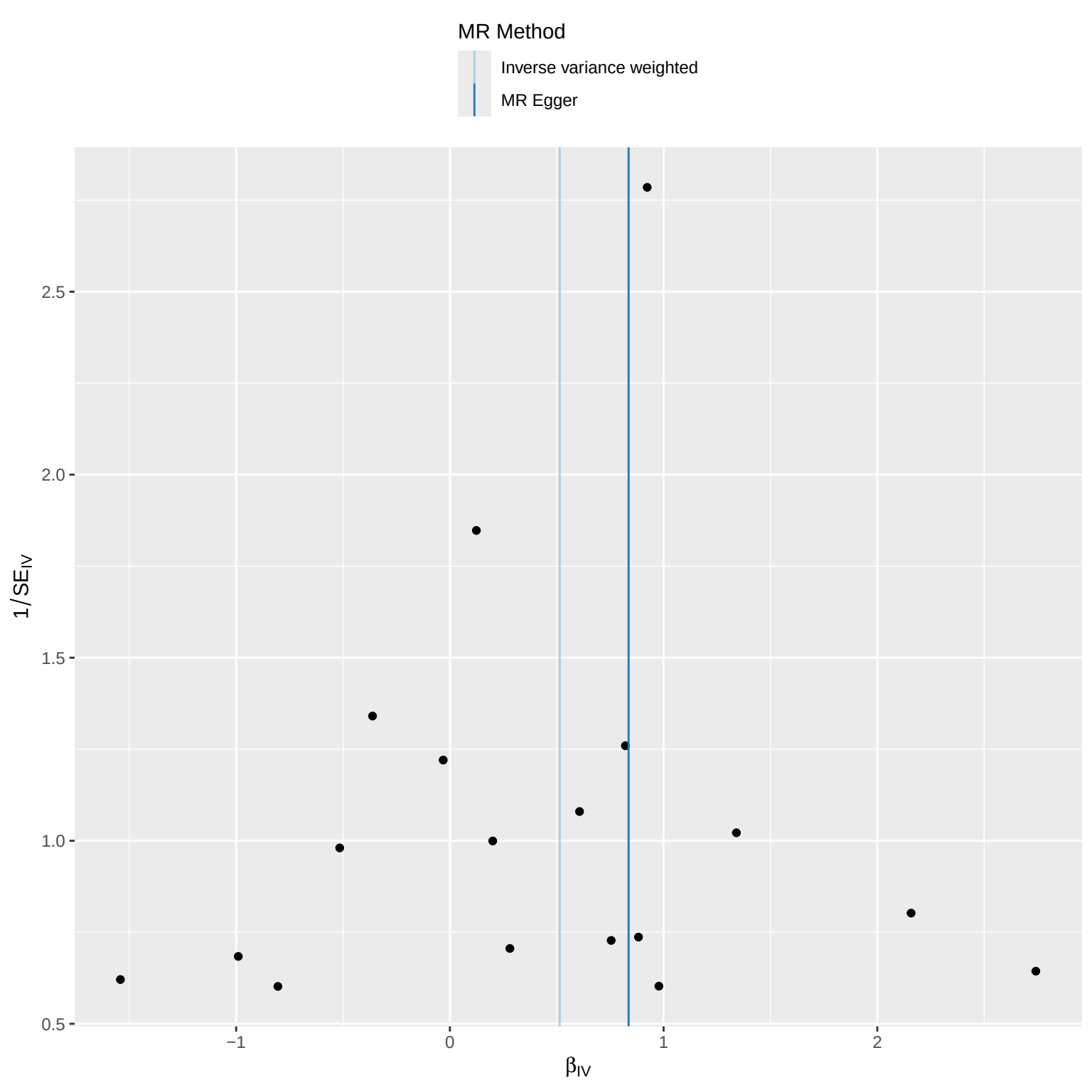

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

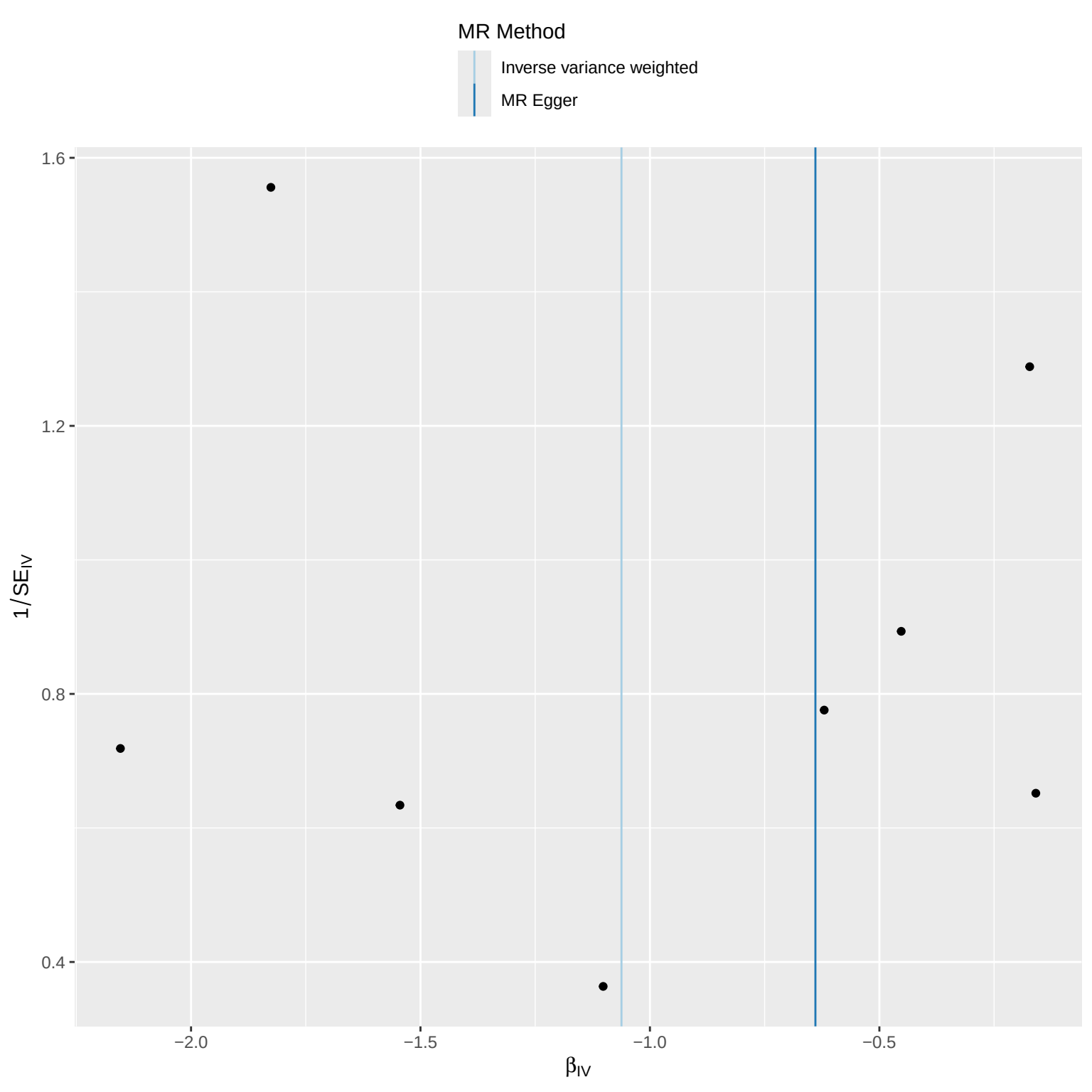

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.50
0.75
1.00
1.25
1.50
1.75
β_IV

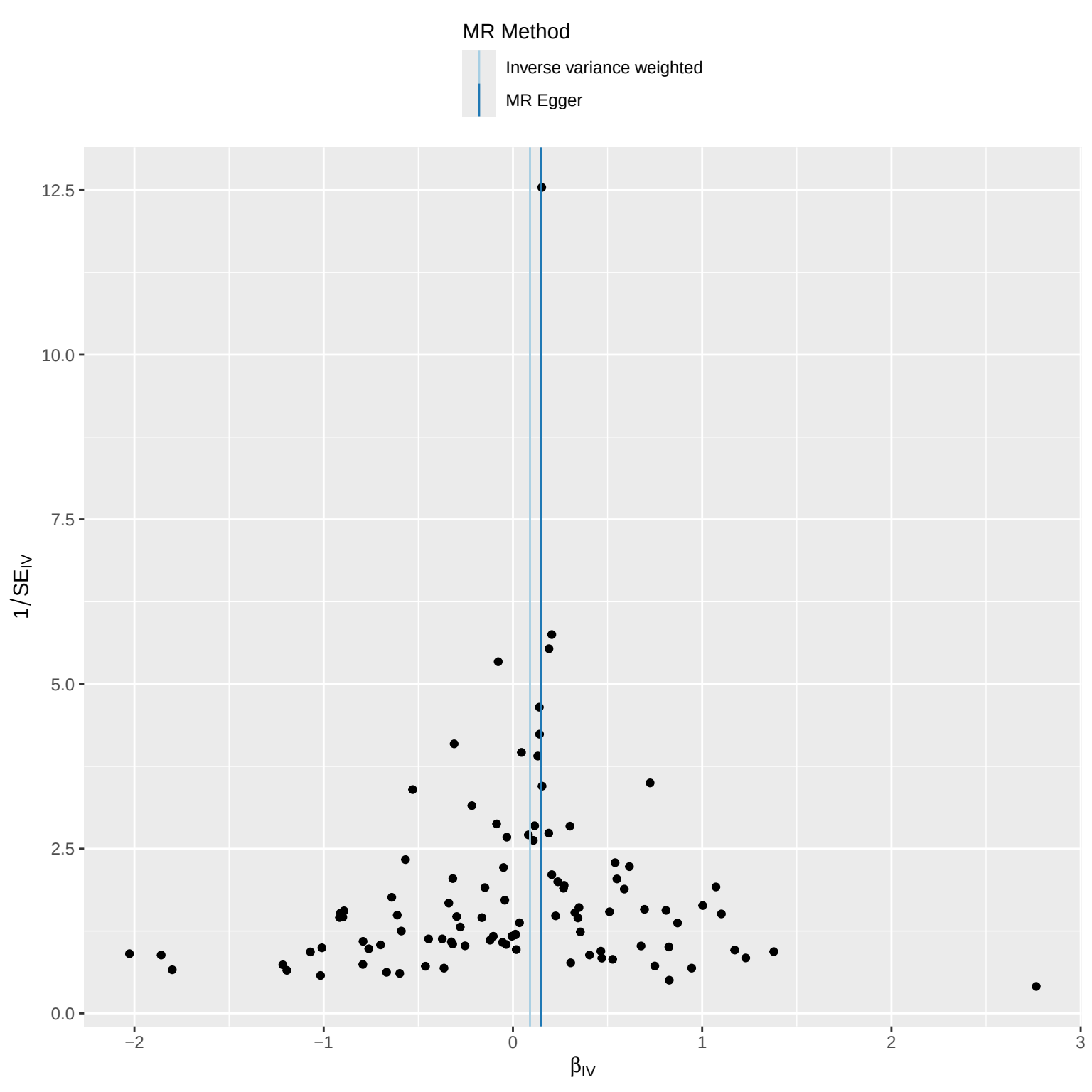

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

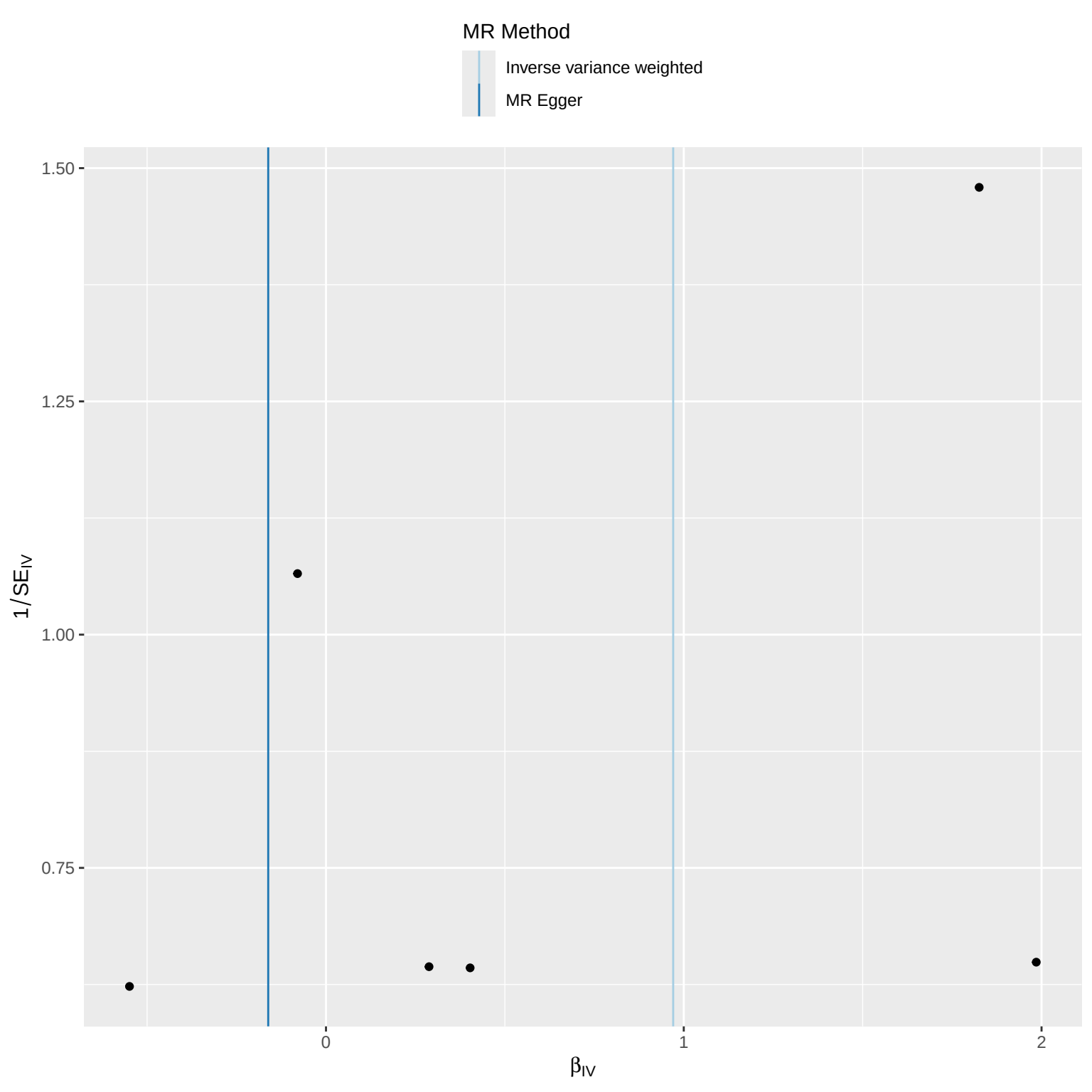

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

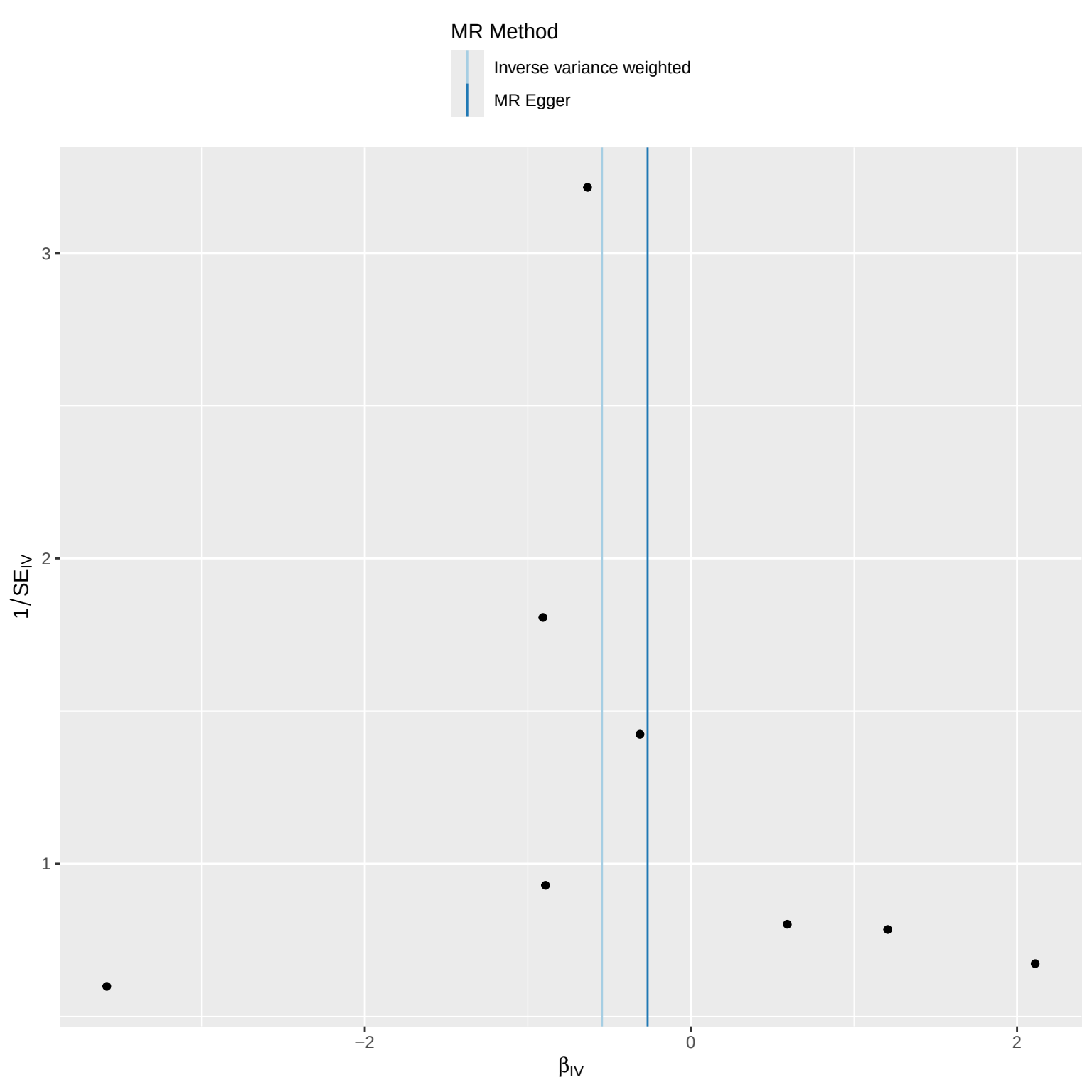

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

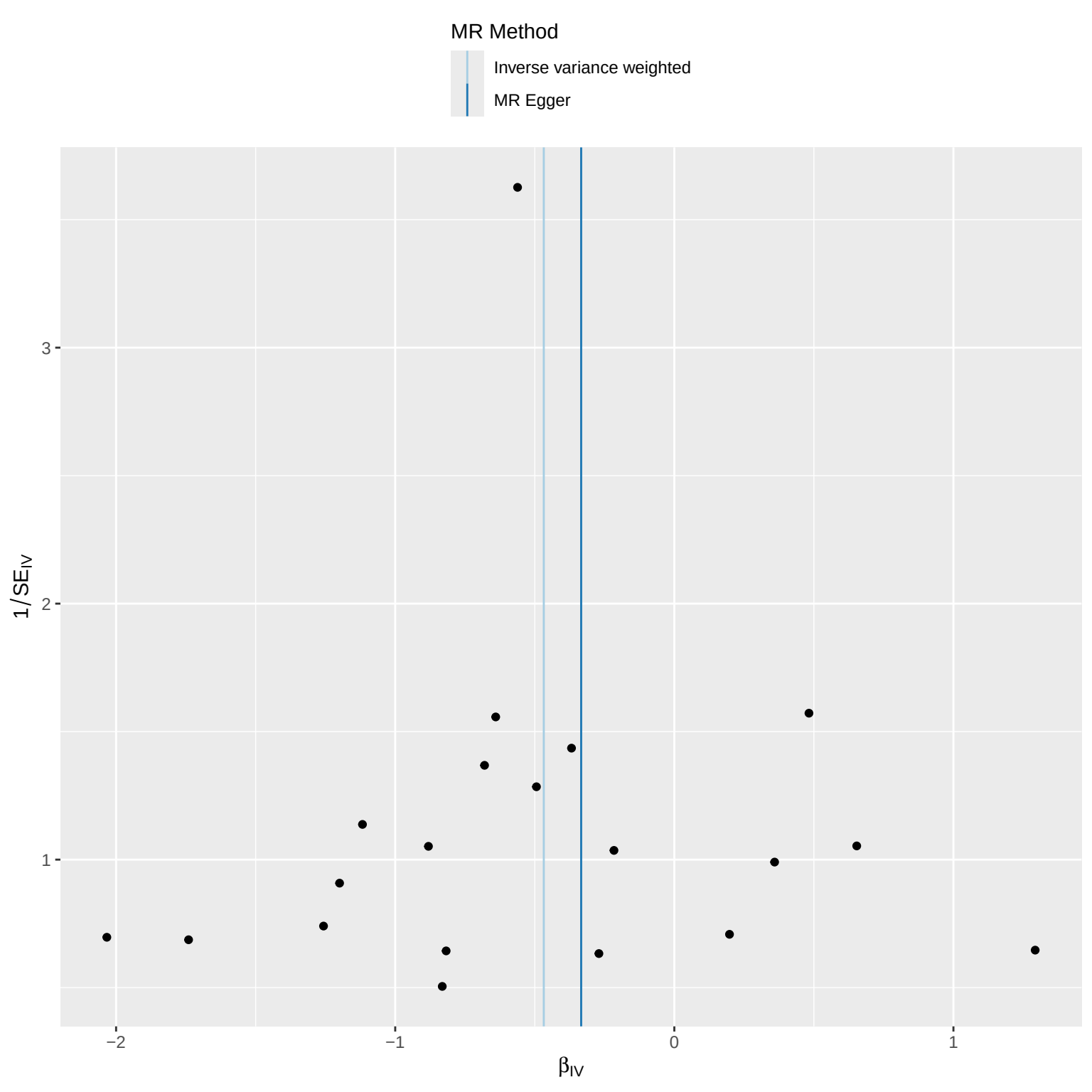

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
β_IV

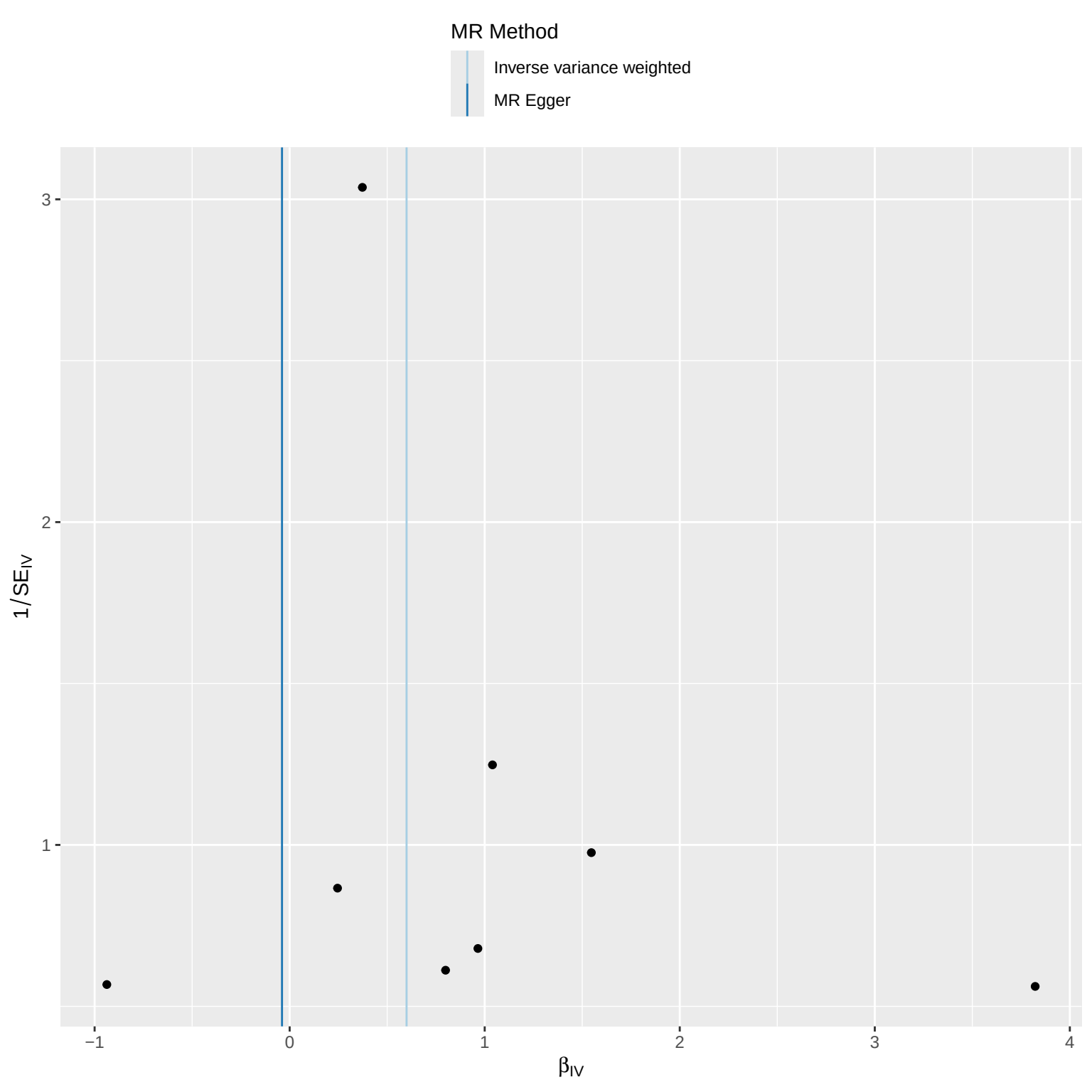

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−2.0
−1.5
−1.0
−0.5
β_IV

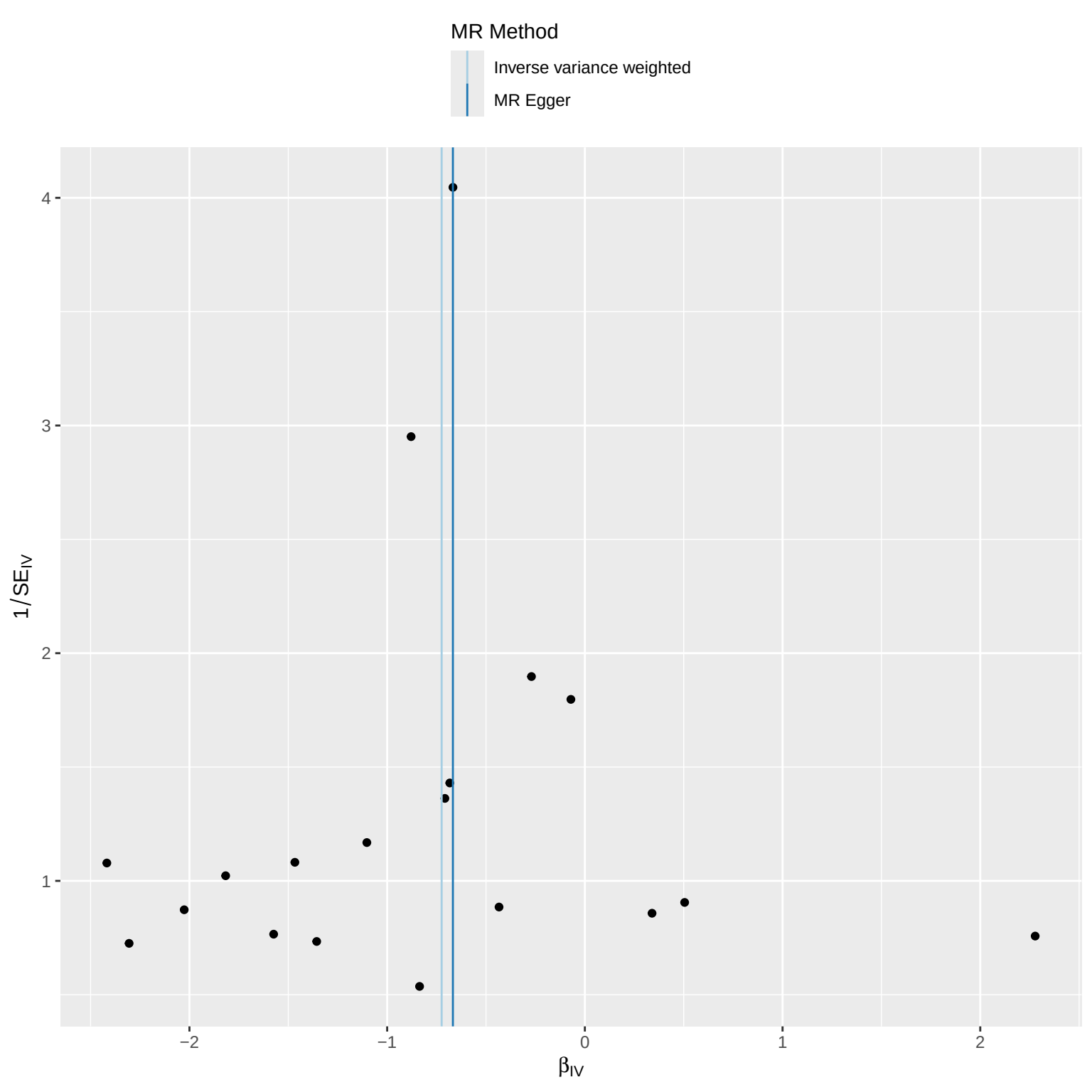

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
0.0
1/SE_IV
−2
−1
0
1
2
3
β_IV

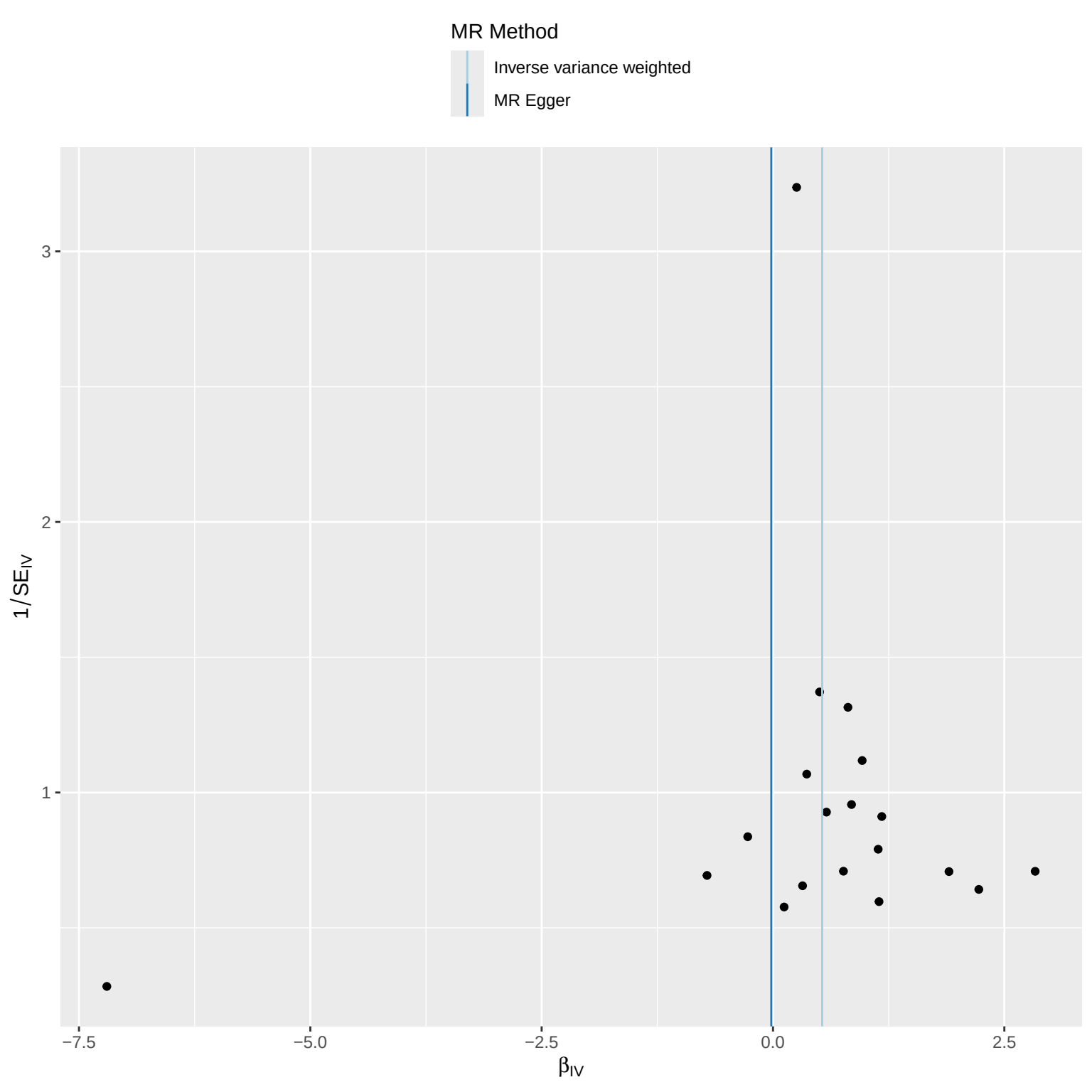

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
0
1
2
β_IV

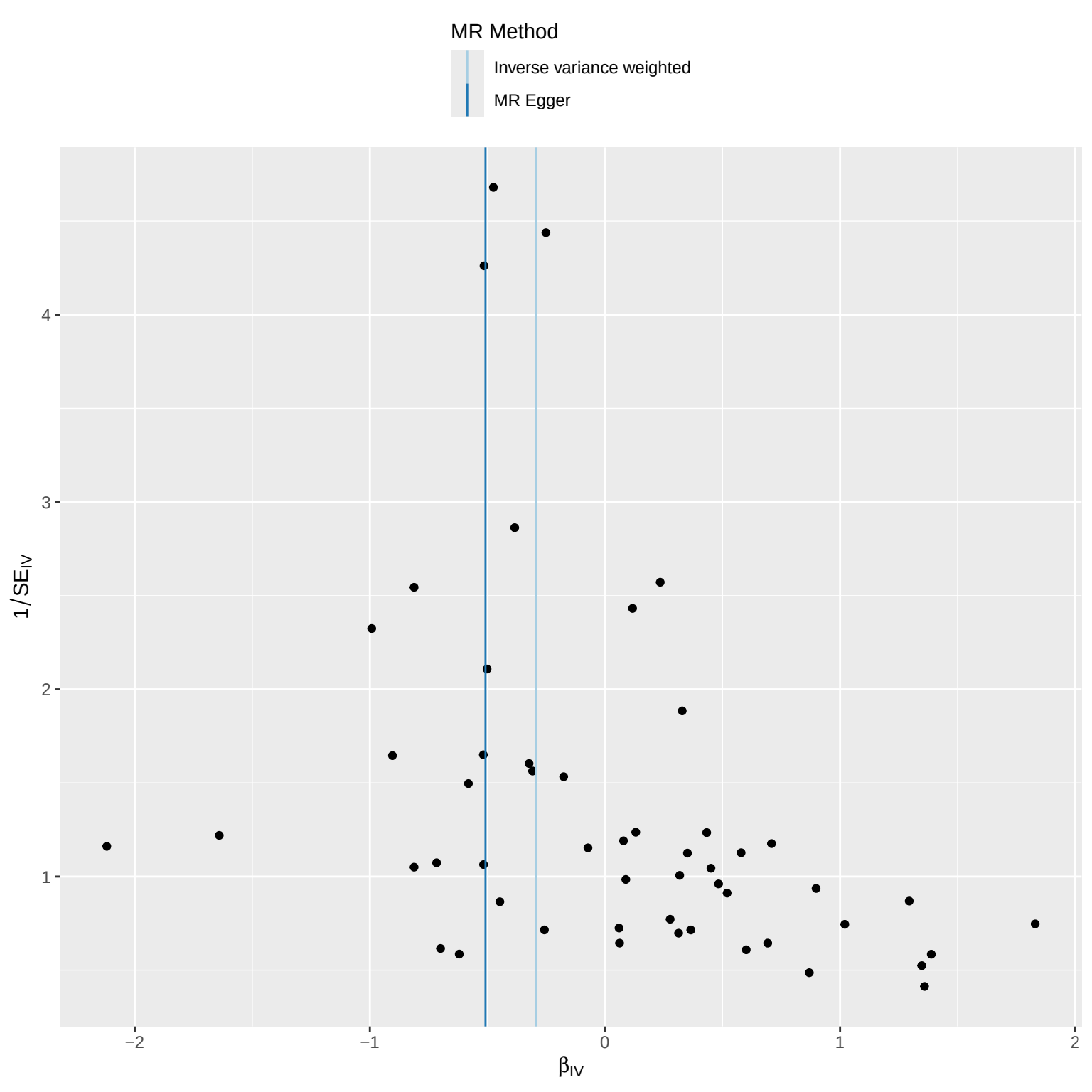

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

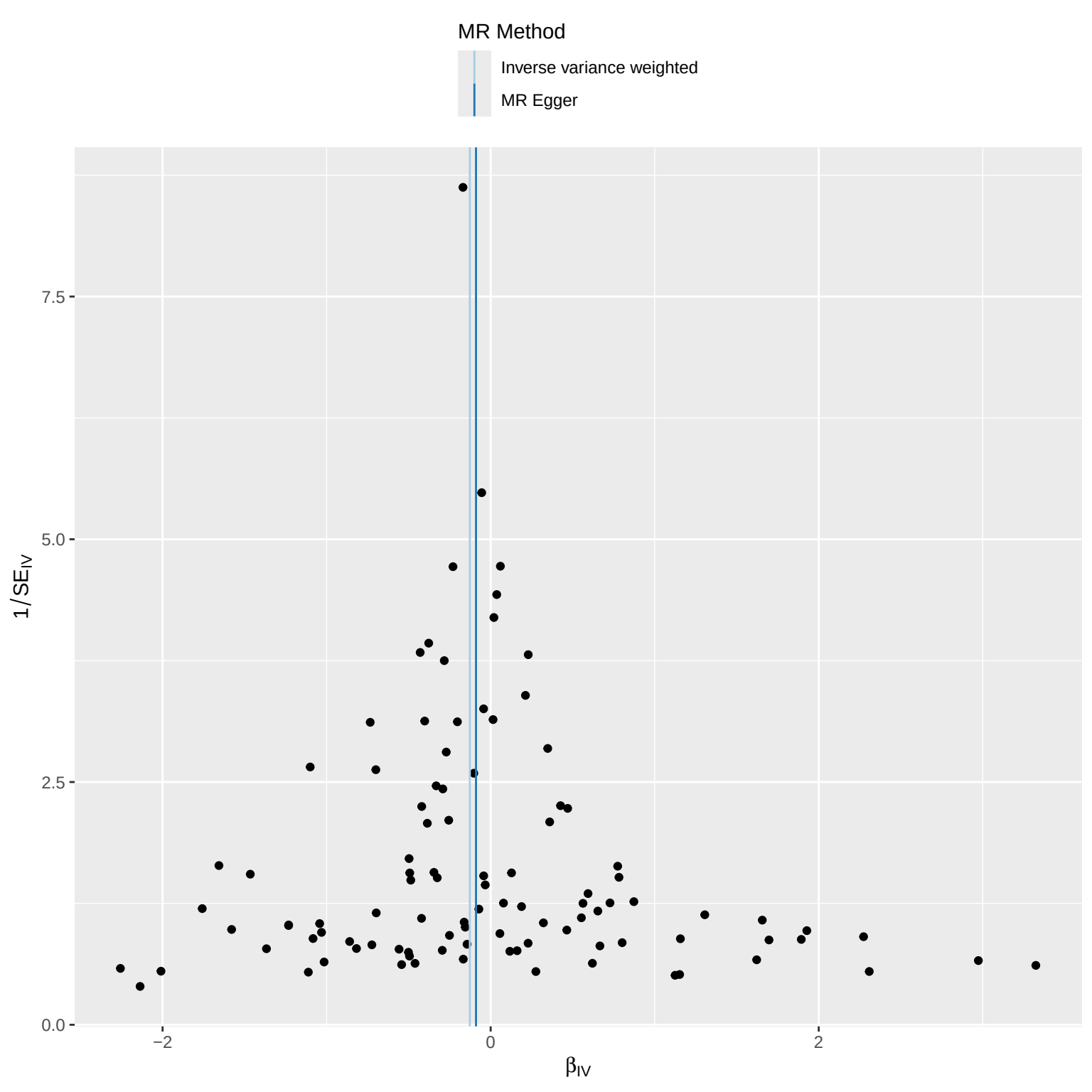

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

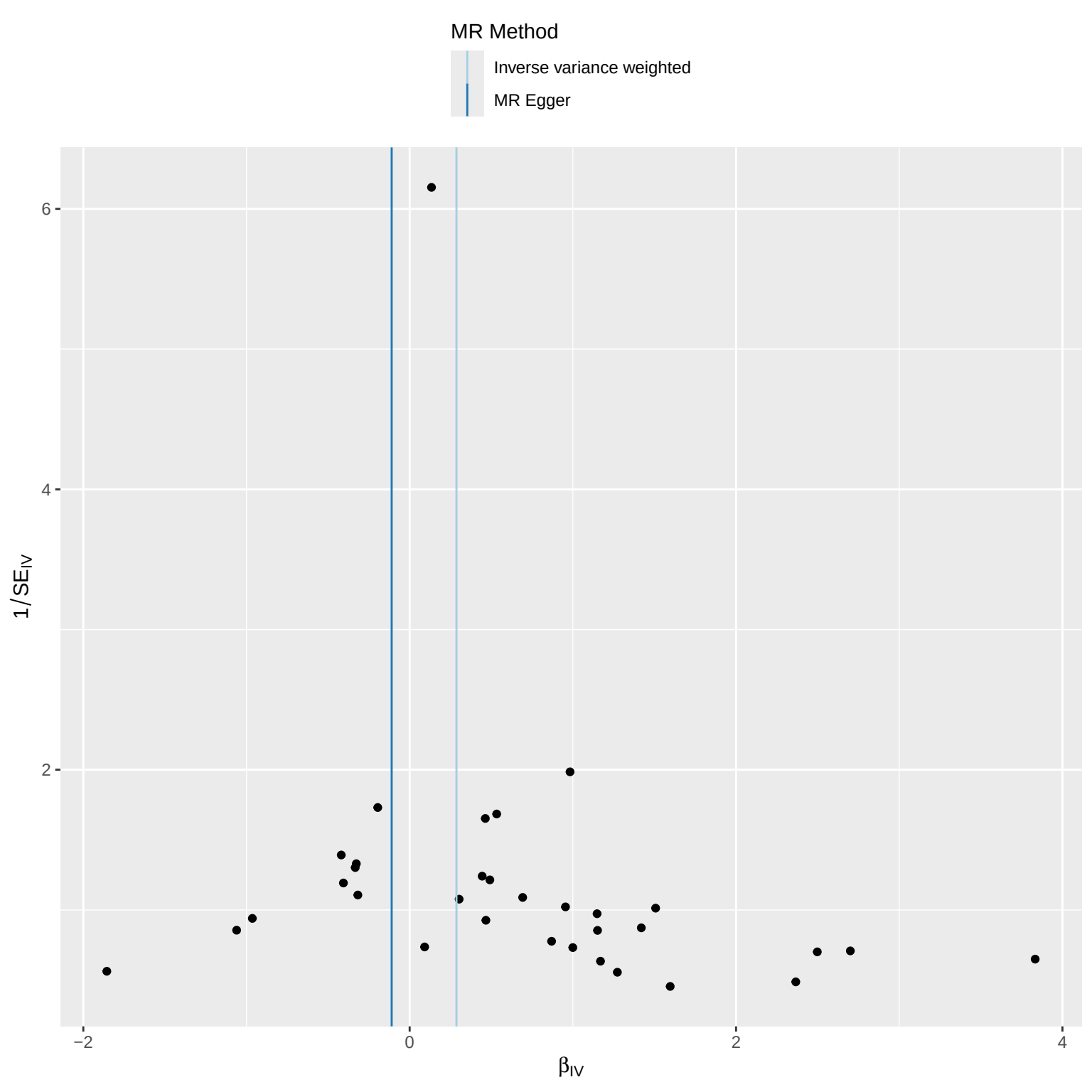

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
4
β_IV

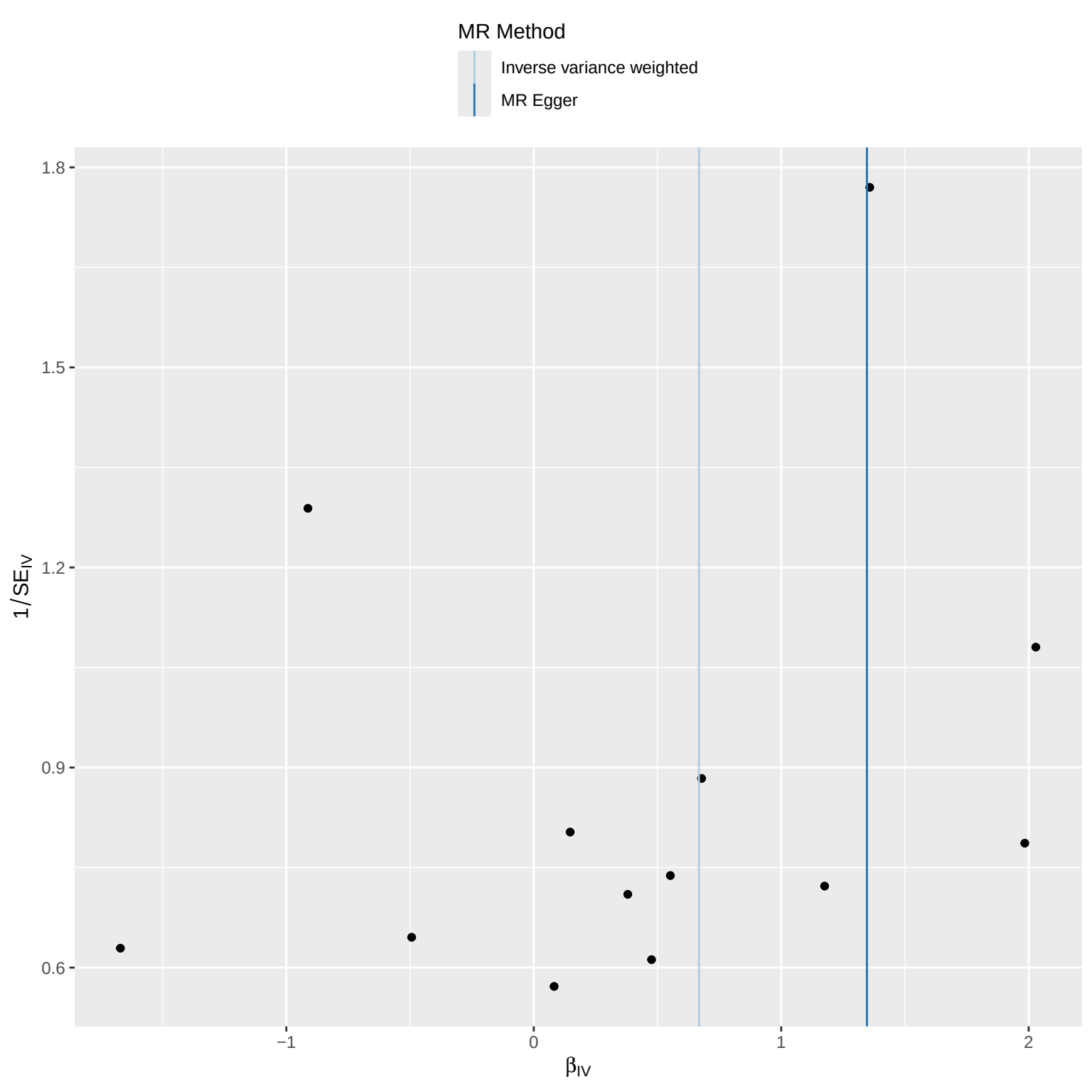

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

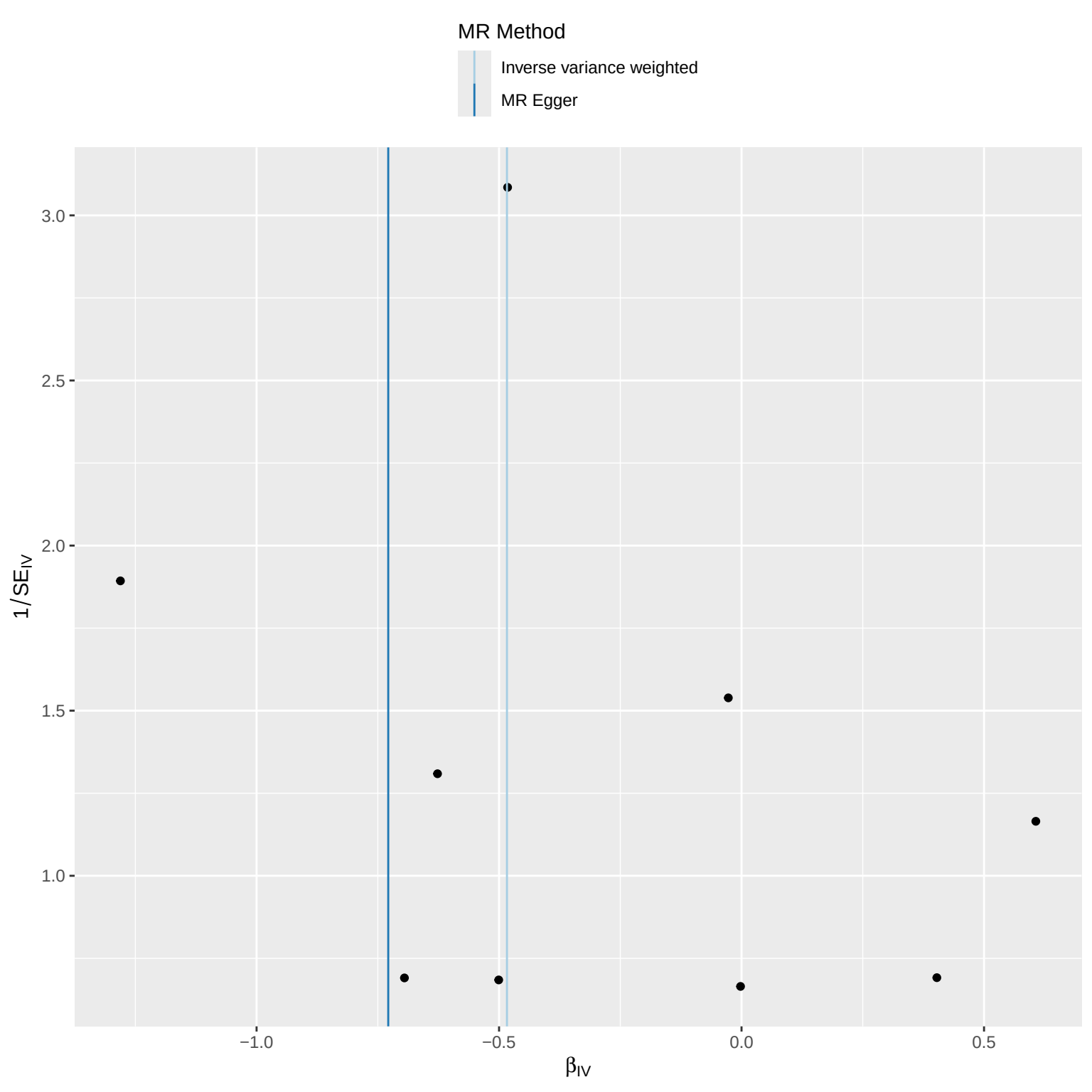

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−7.5
−5.0
−2.5
0.0
2.5
β_IV

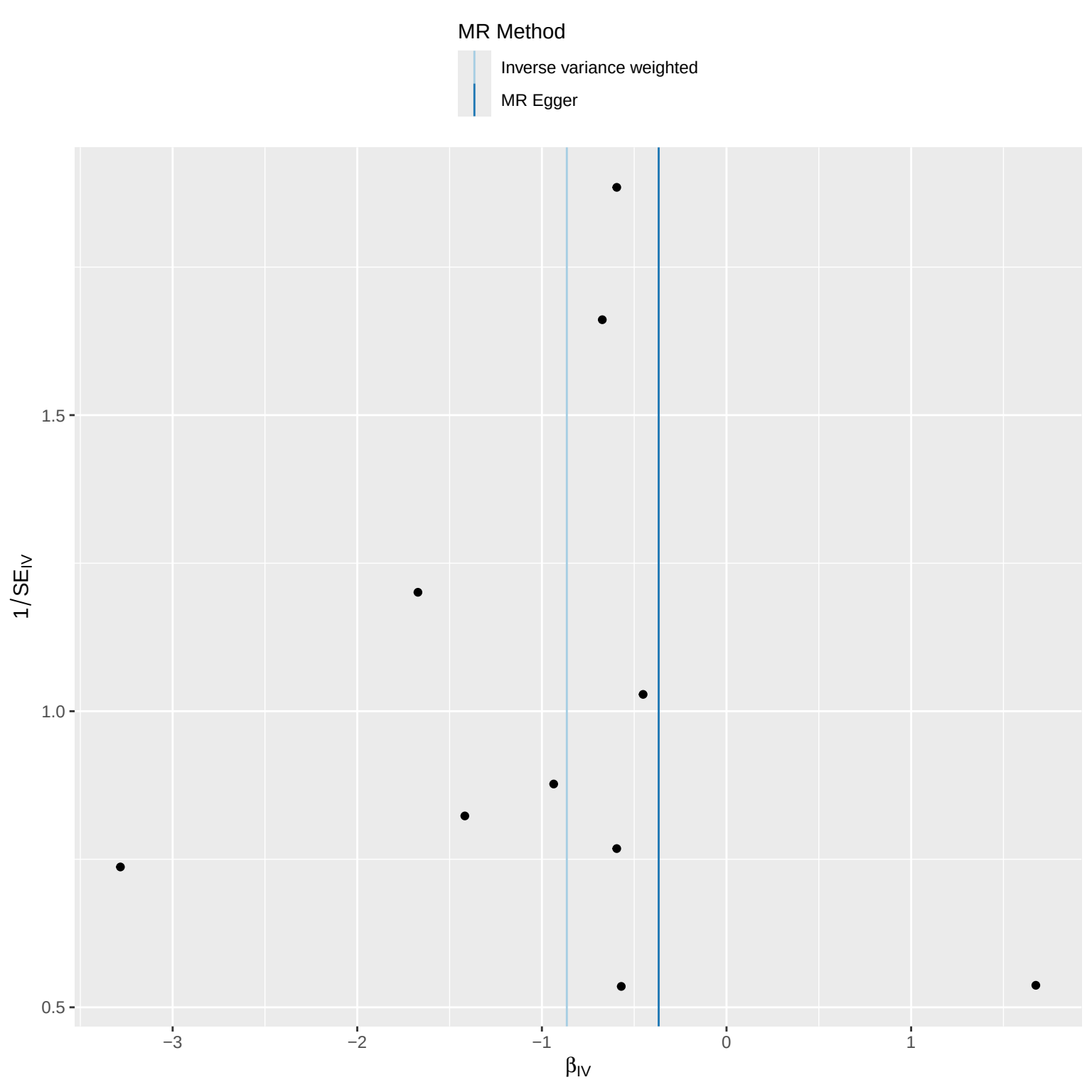

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−2
−1
0
1
2

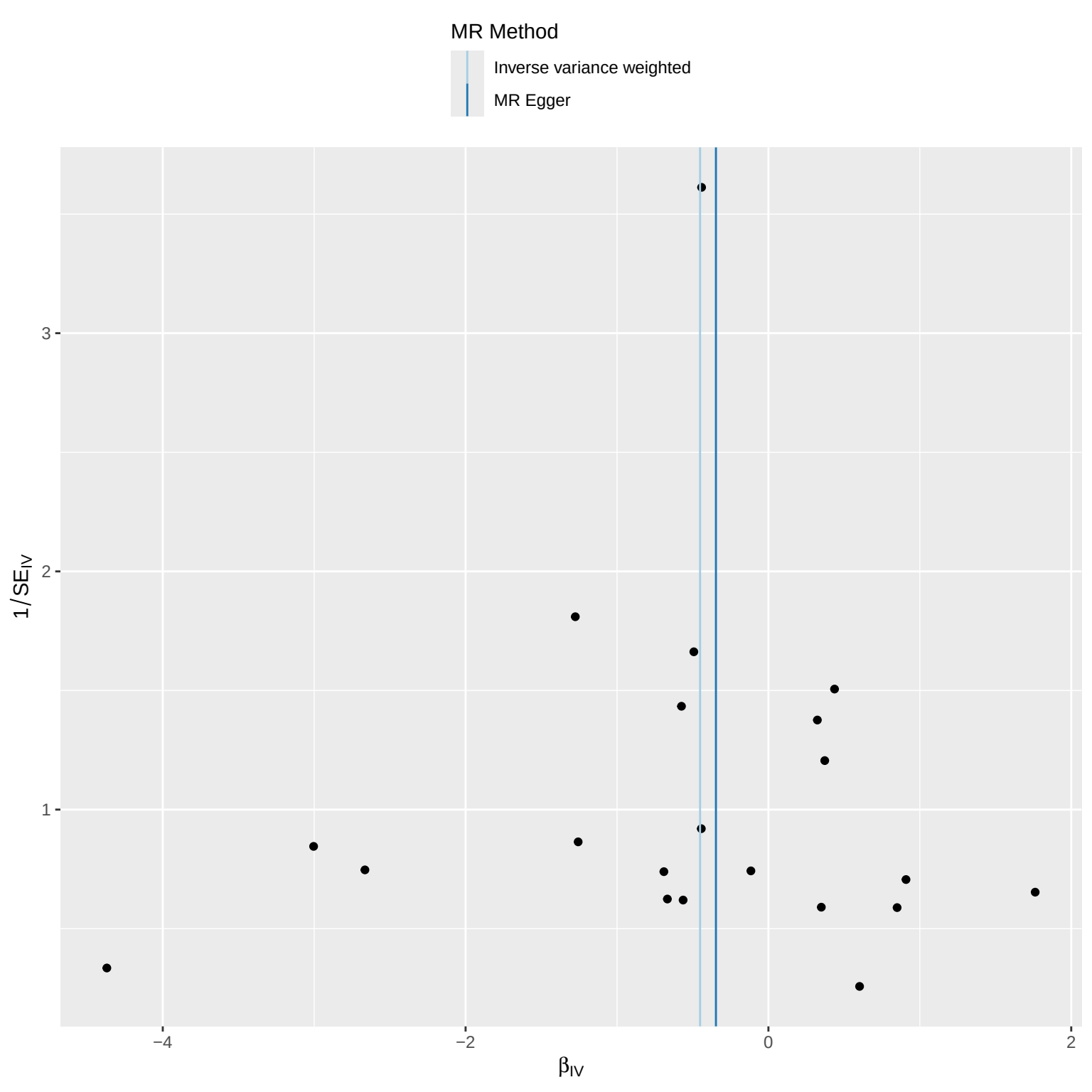

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
0.0
1/SE_IV
−2
0
2
β_IV

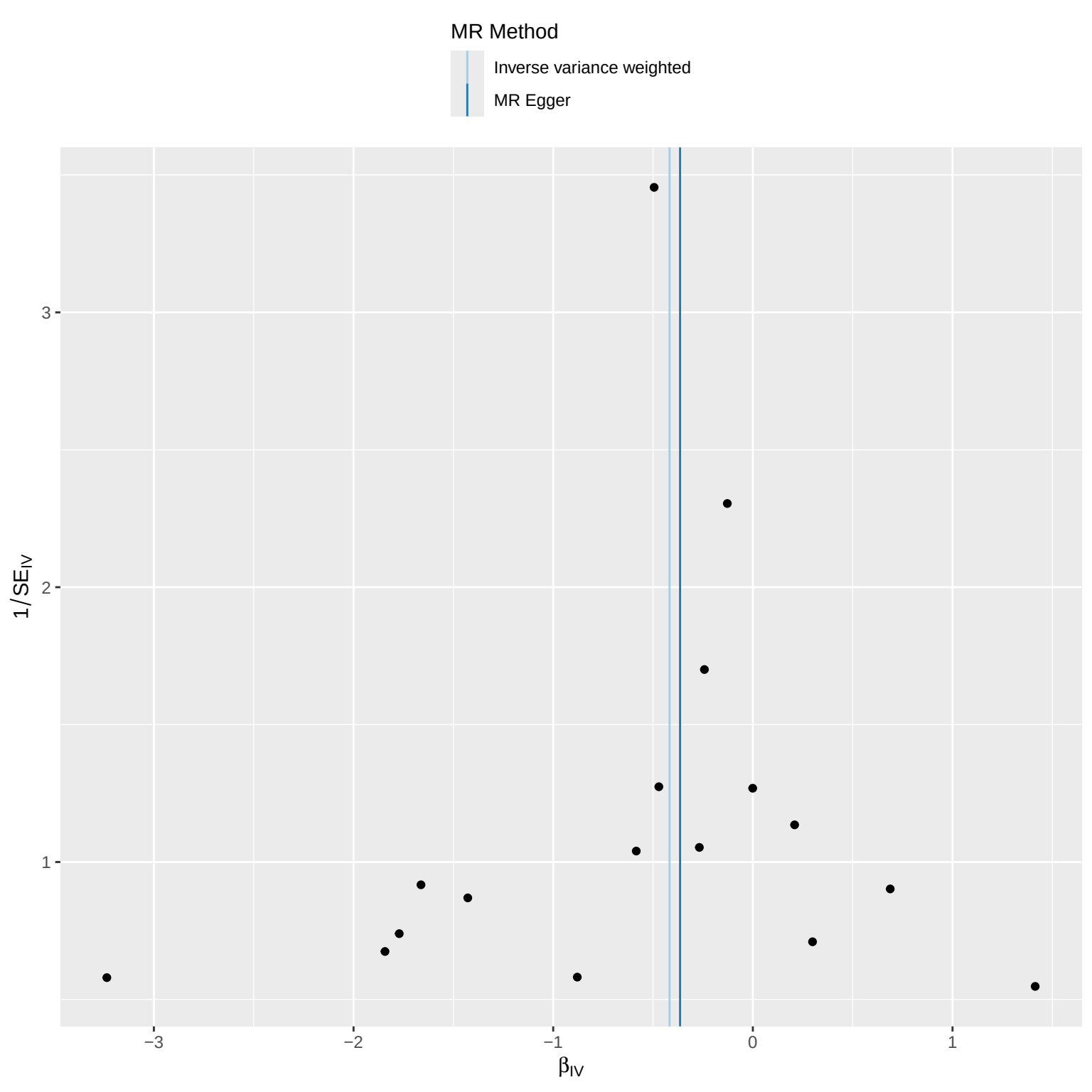

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
4
β_IV

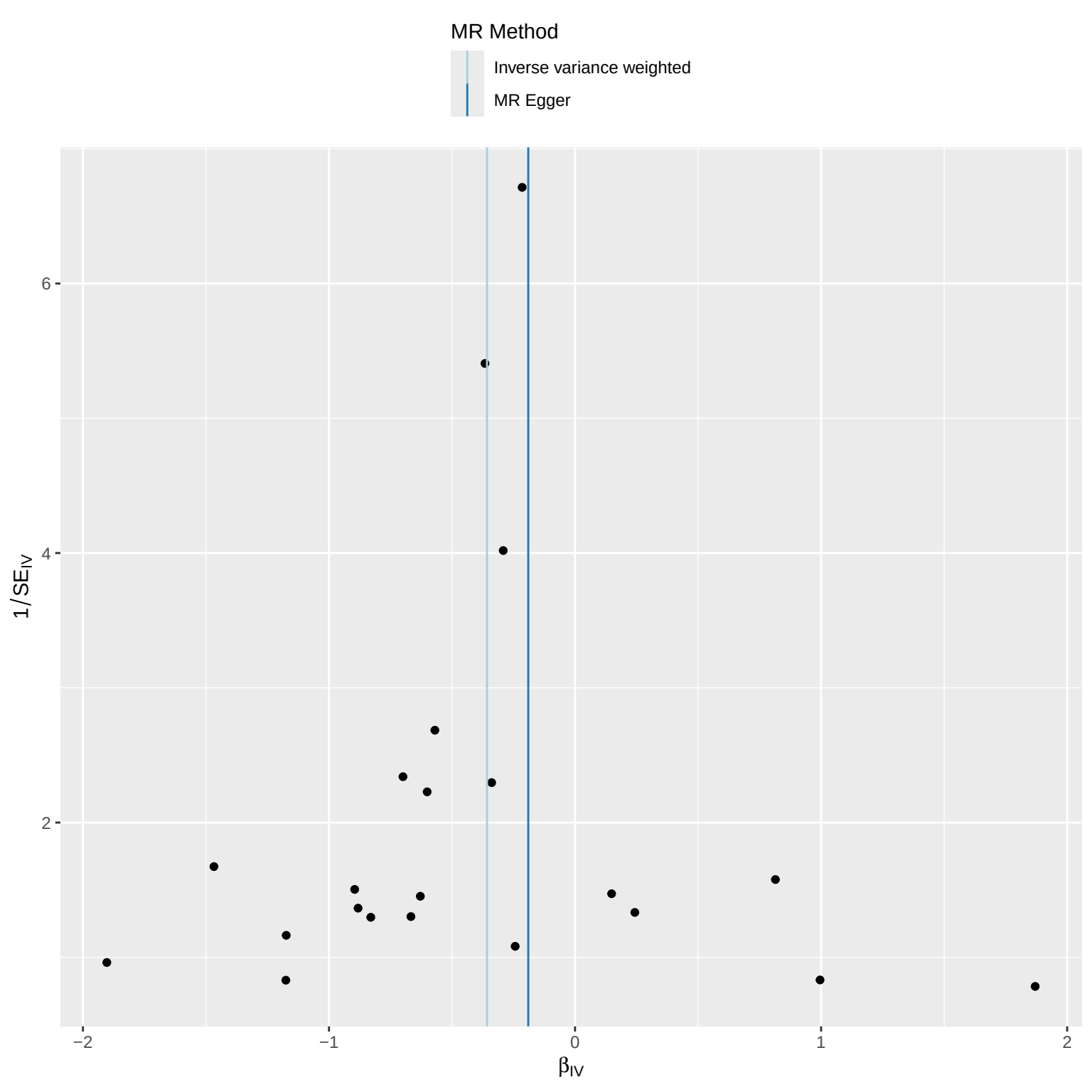

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
β_IV

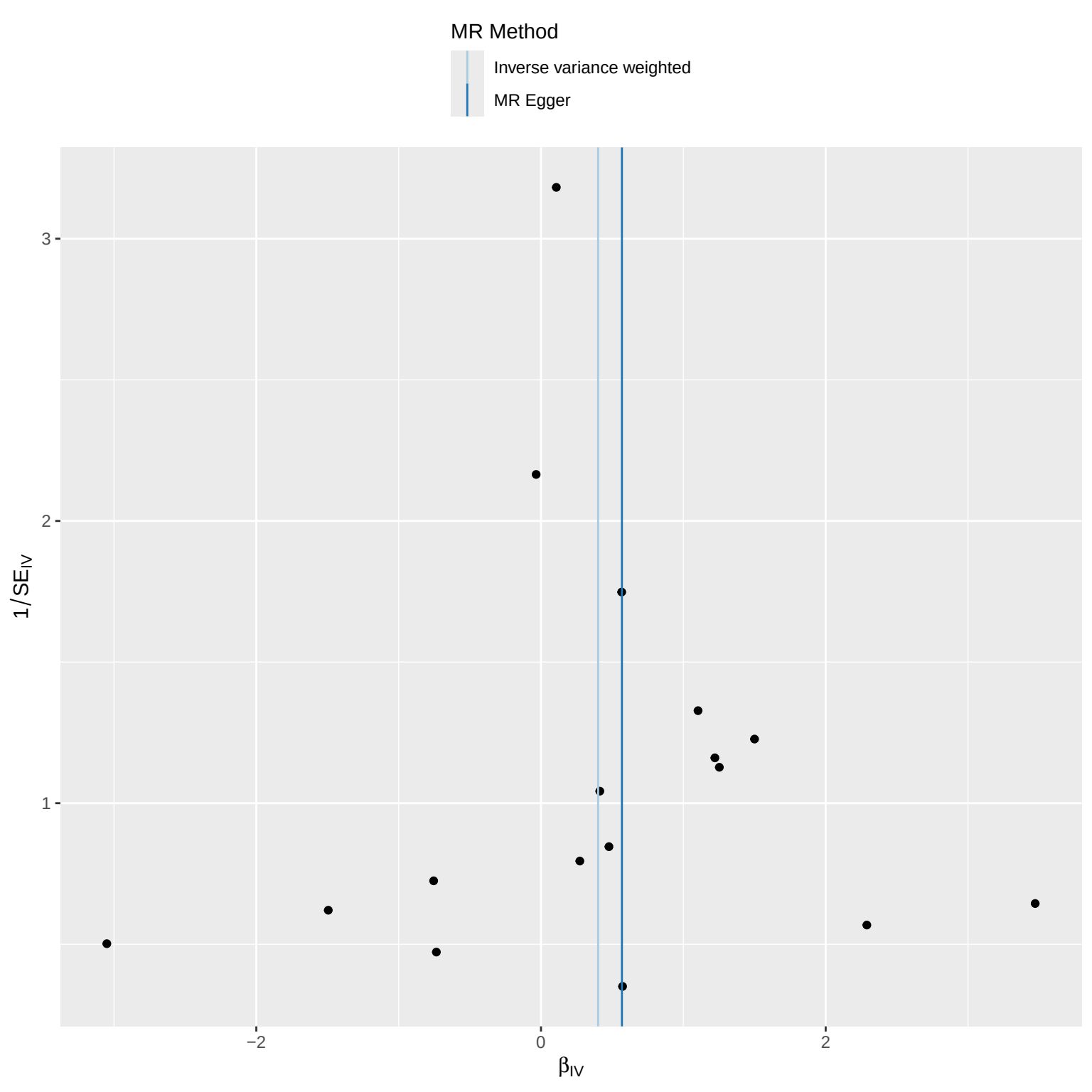

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

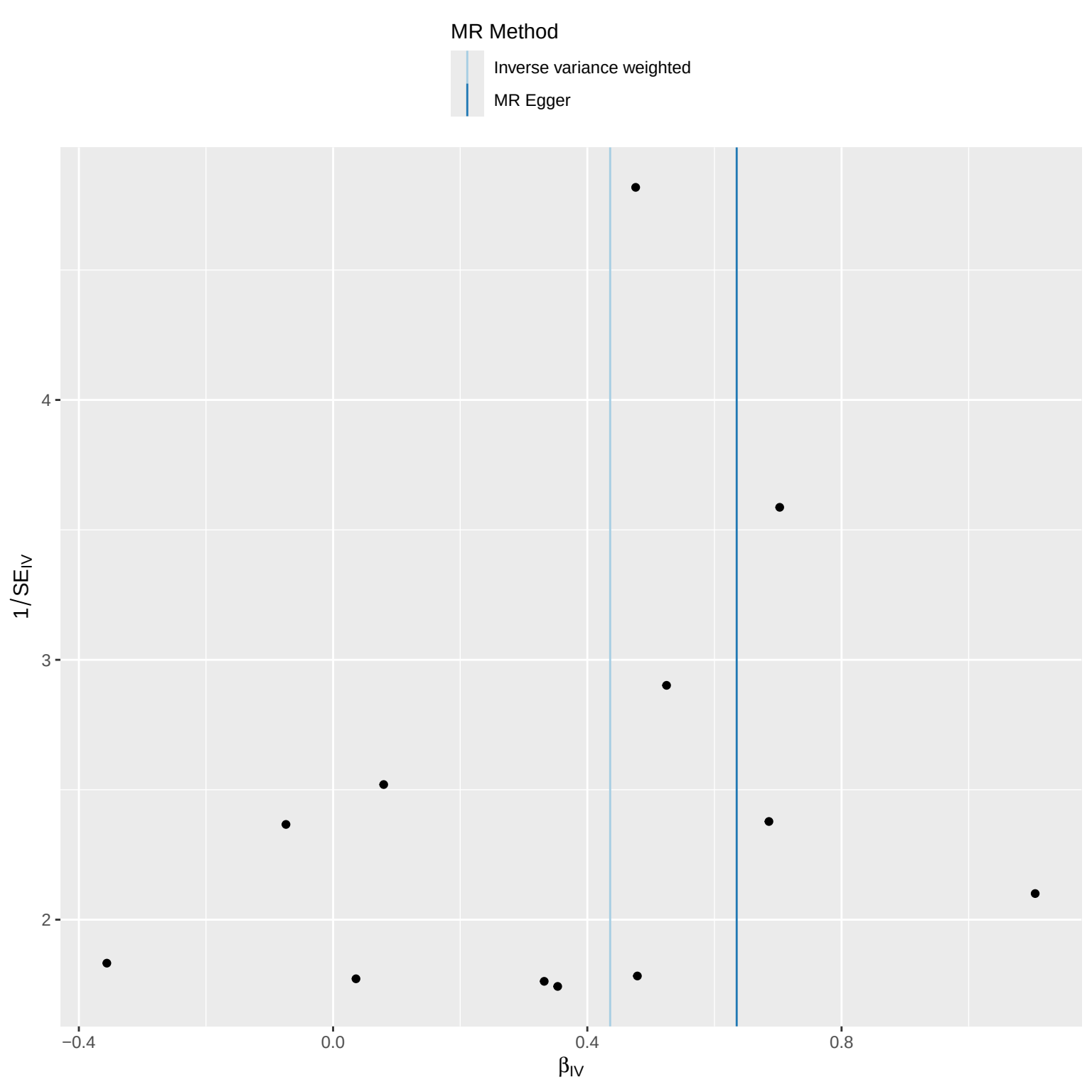

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

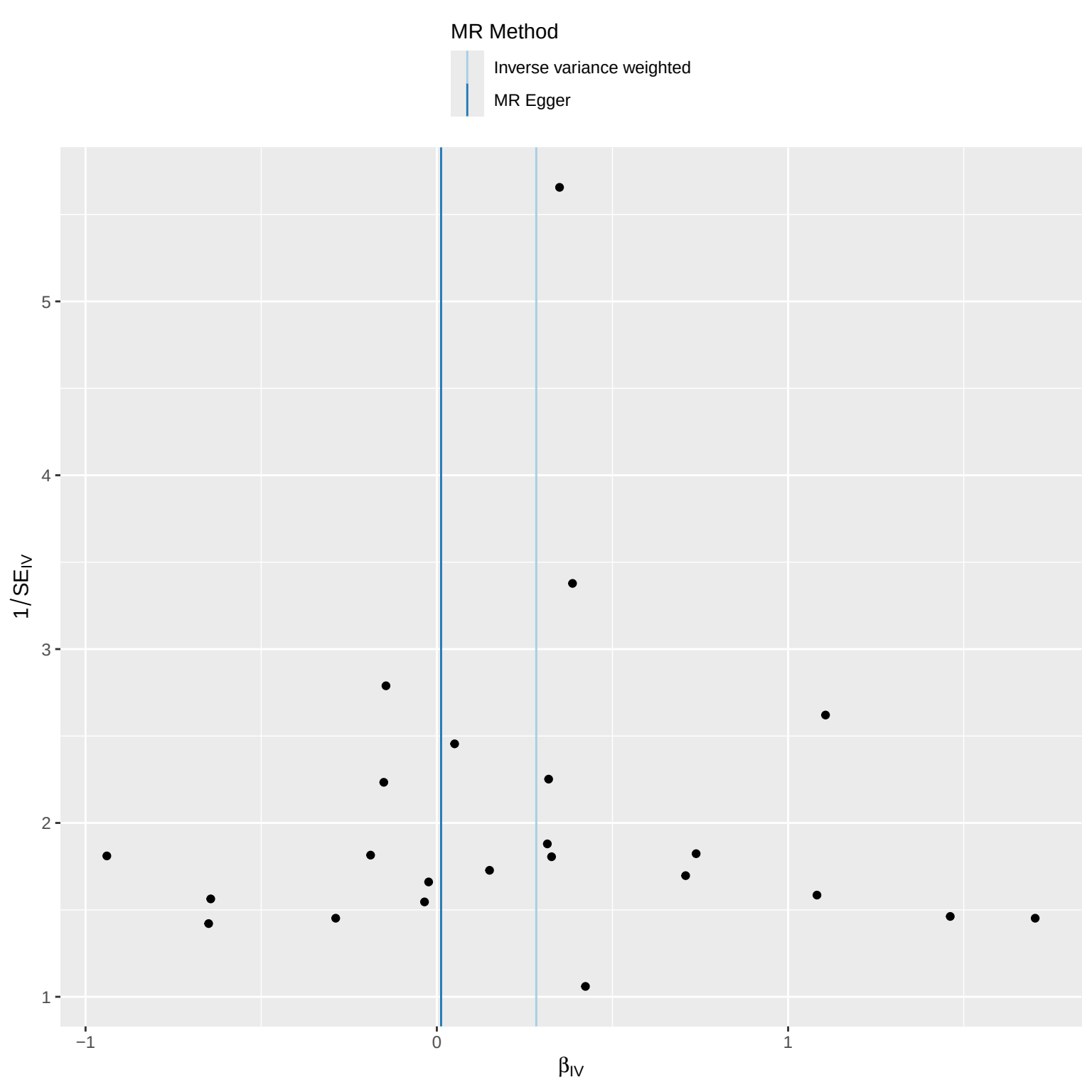

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−4
−2
0
2
β_{IV}

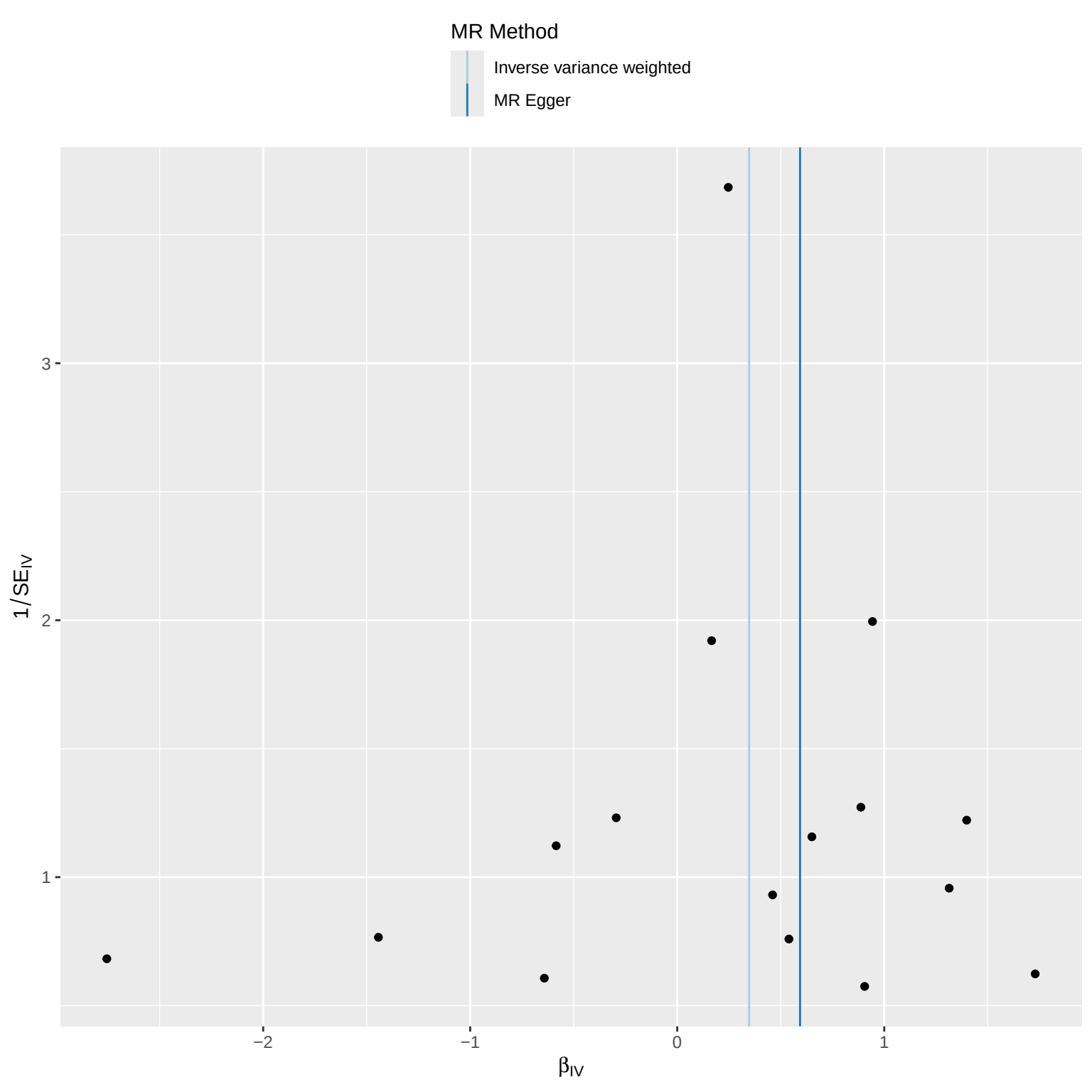

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
β_IV

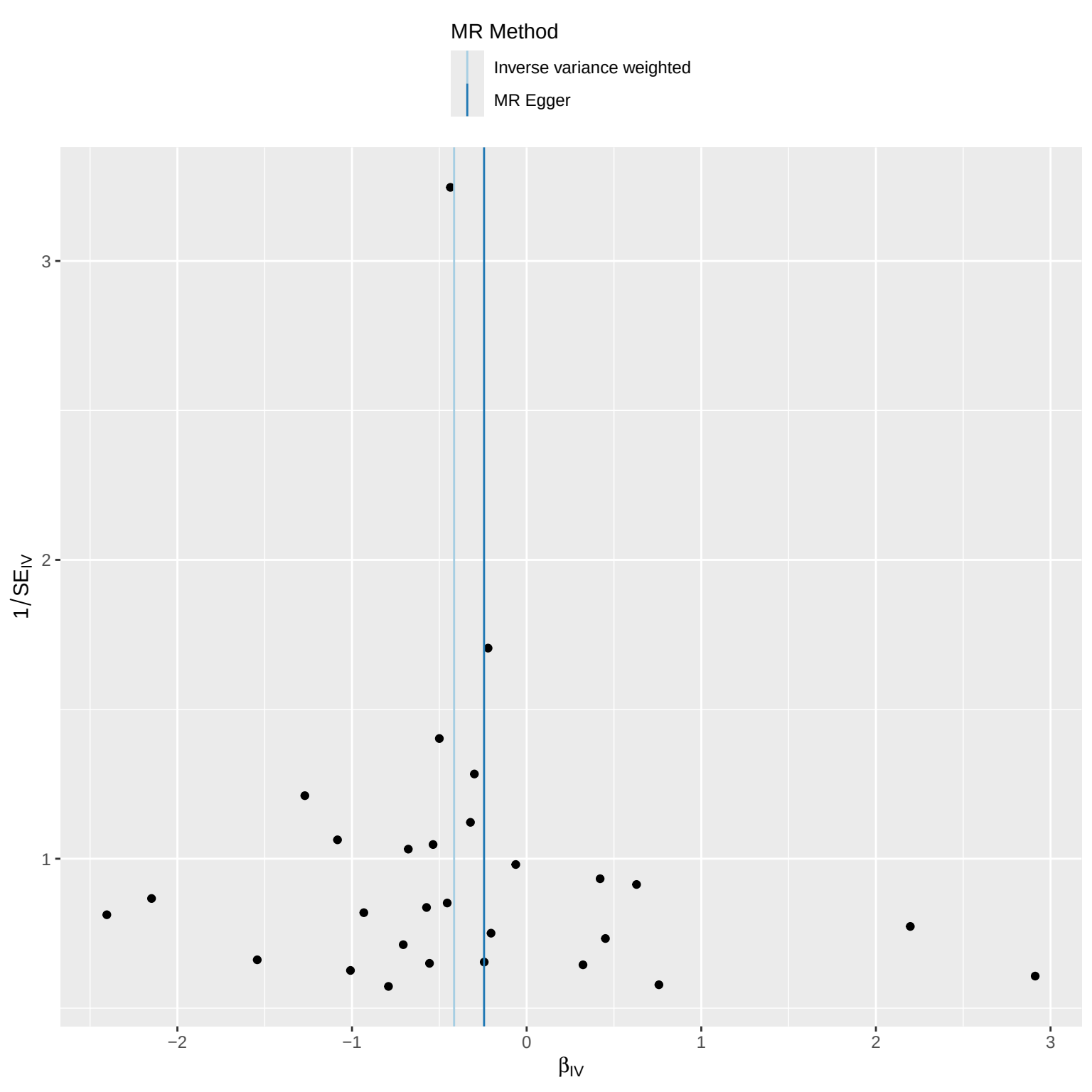

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

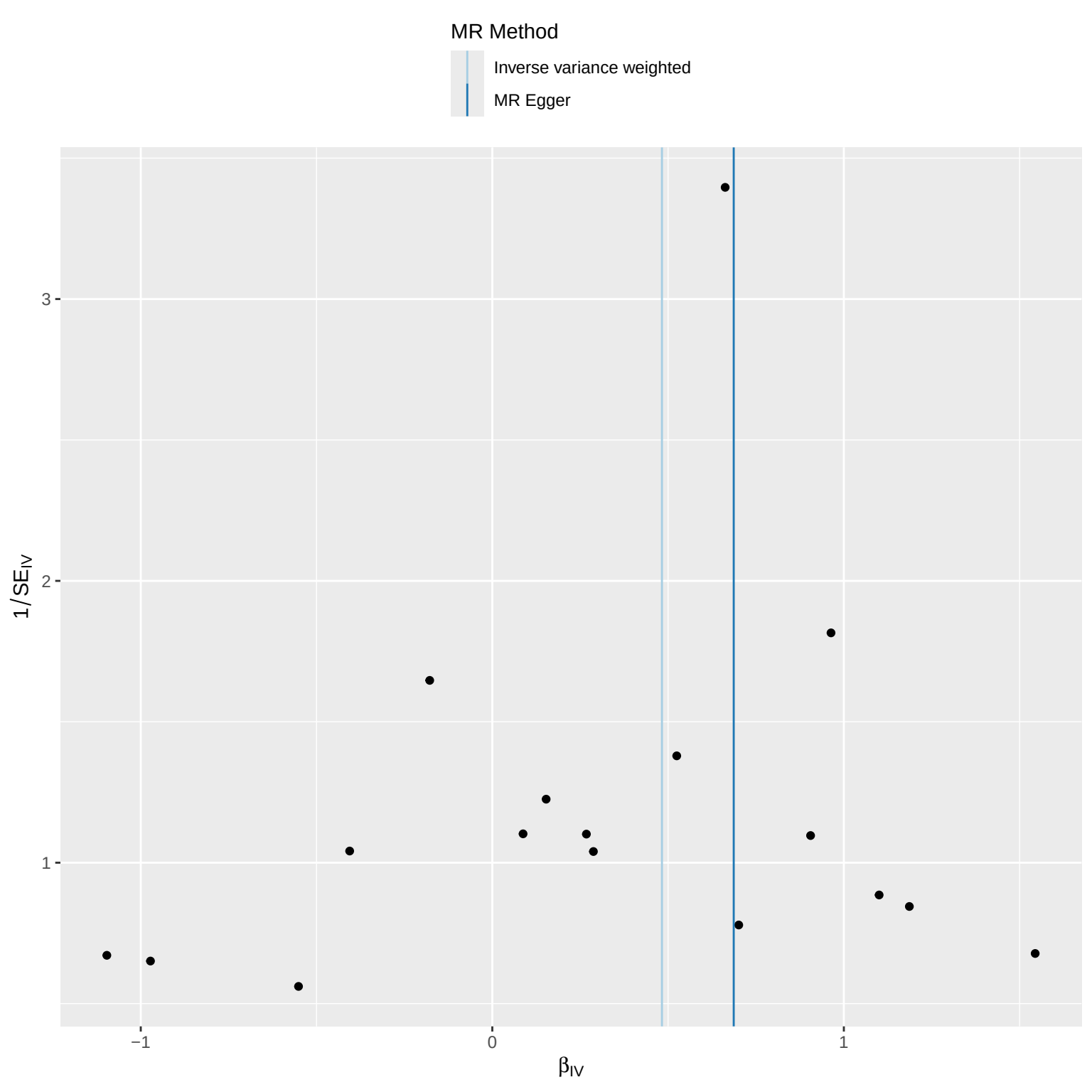

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

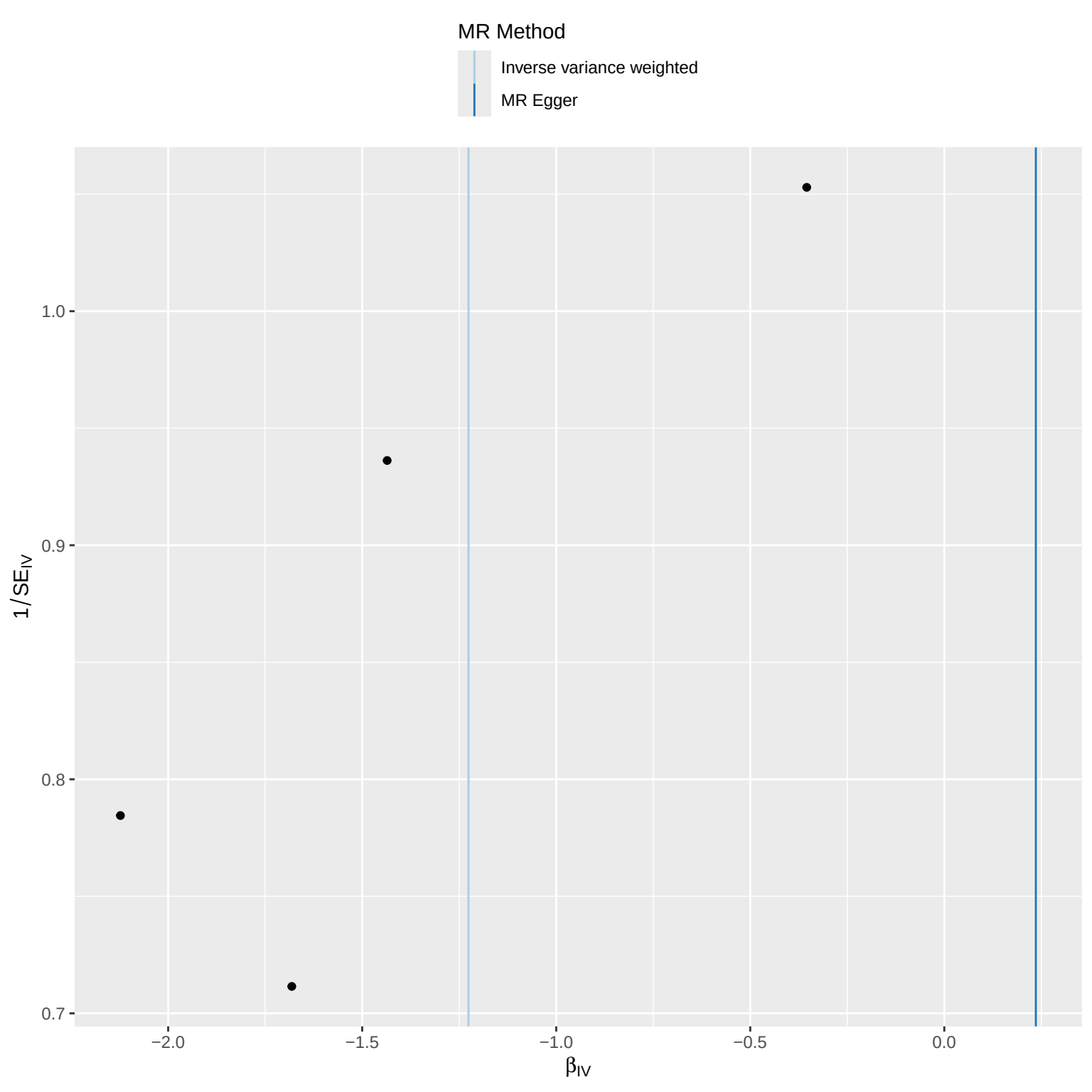

MR Method
Inverse variance weighted
MR Egger
4
3
2
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

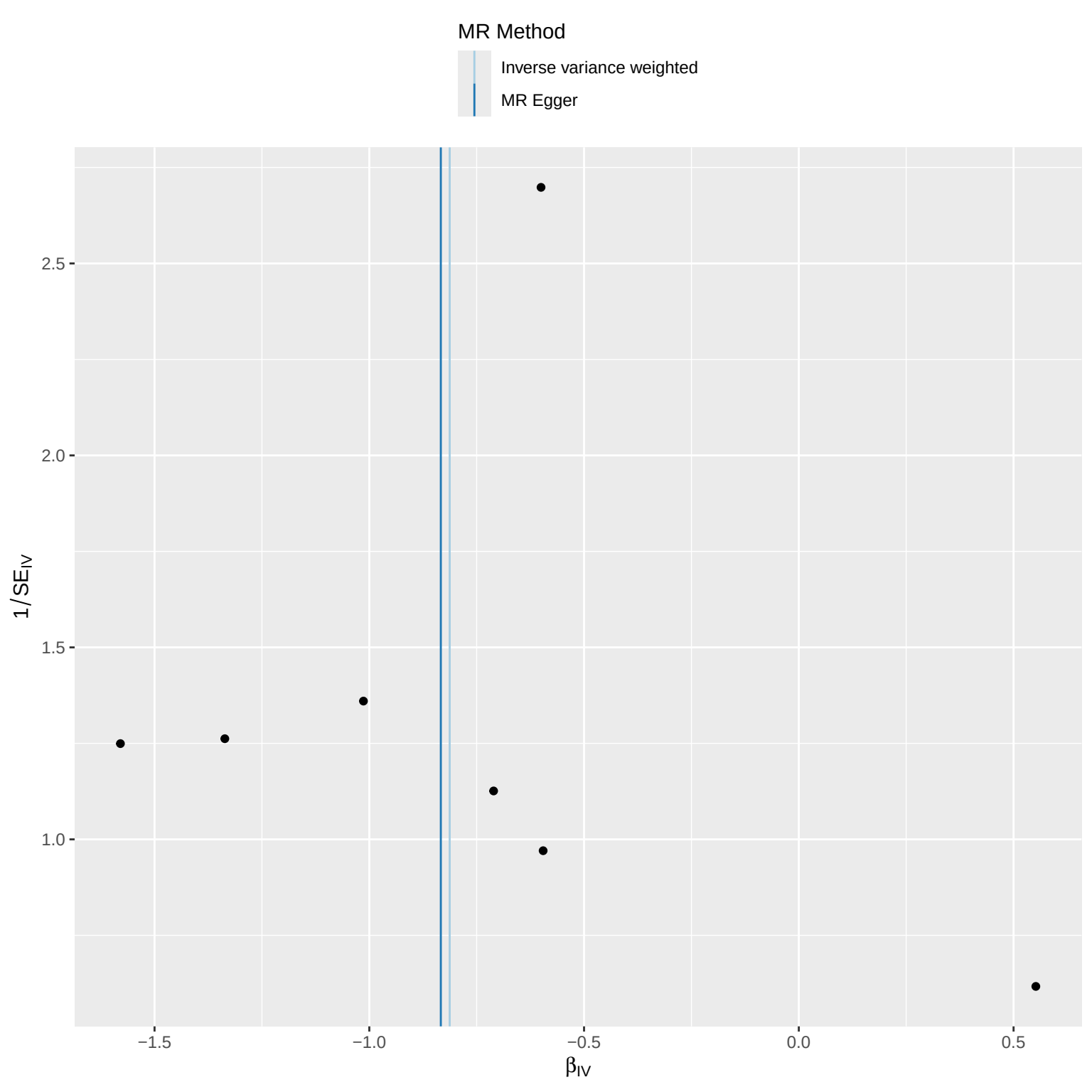

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
5
4
3
2
1
−1
0
1
β_IV

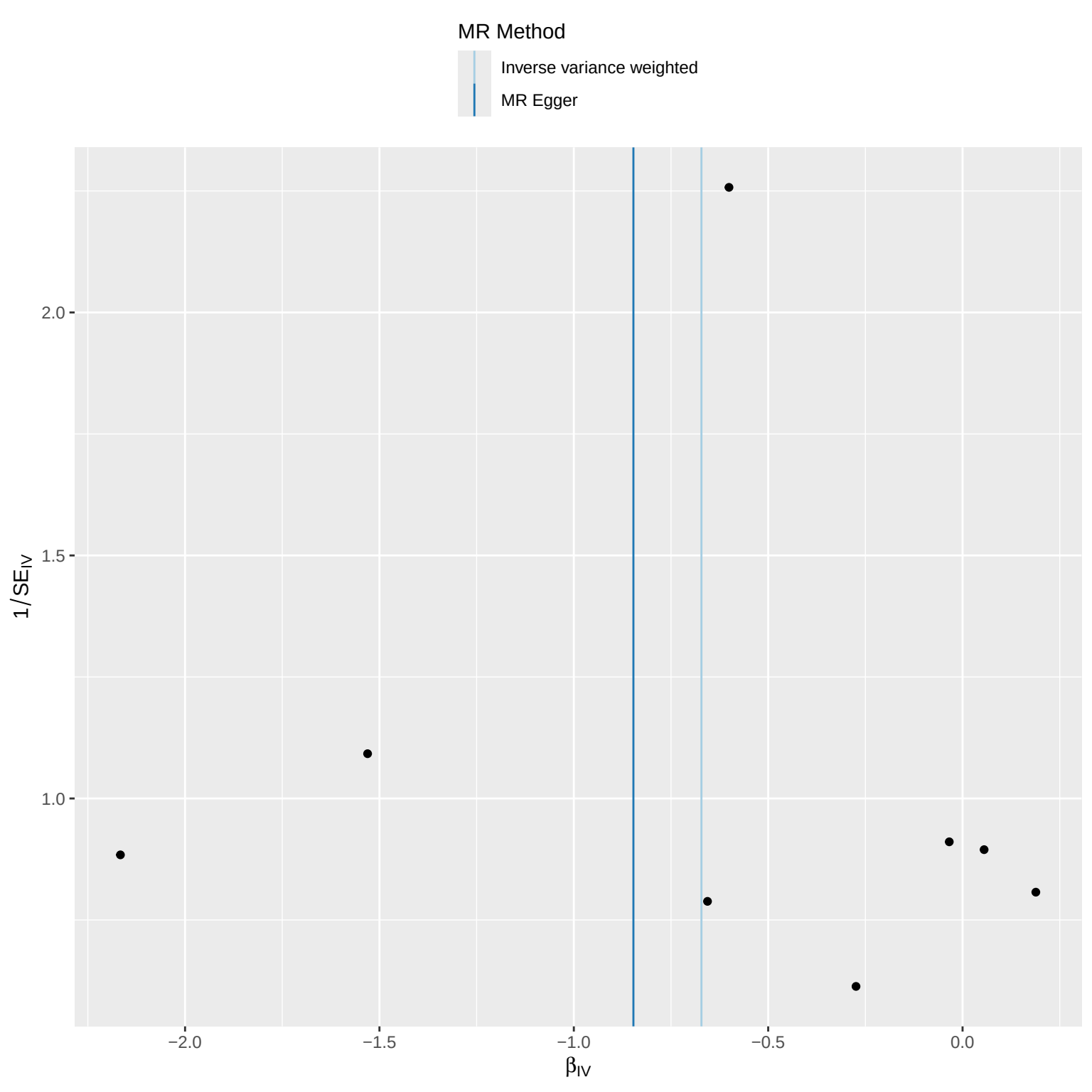

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
β_{IV}

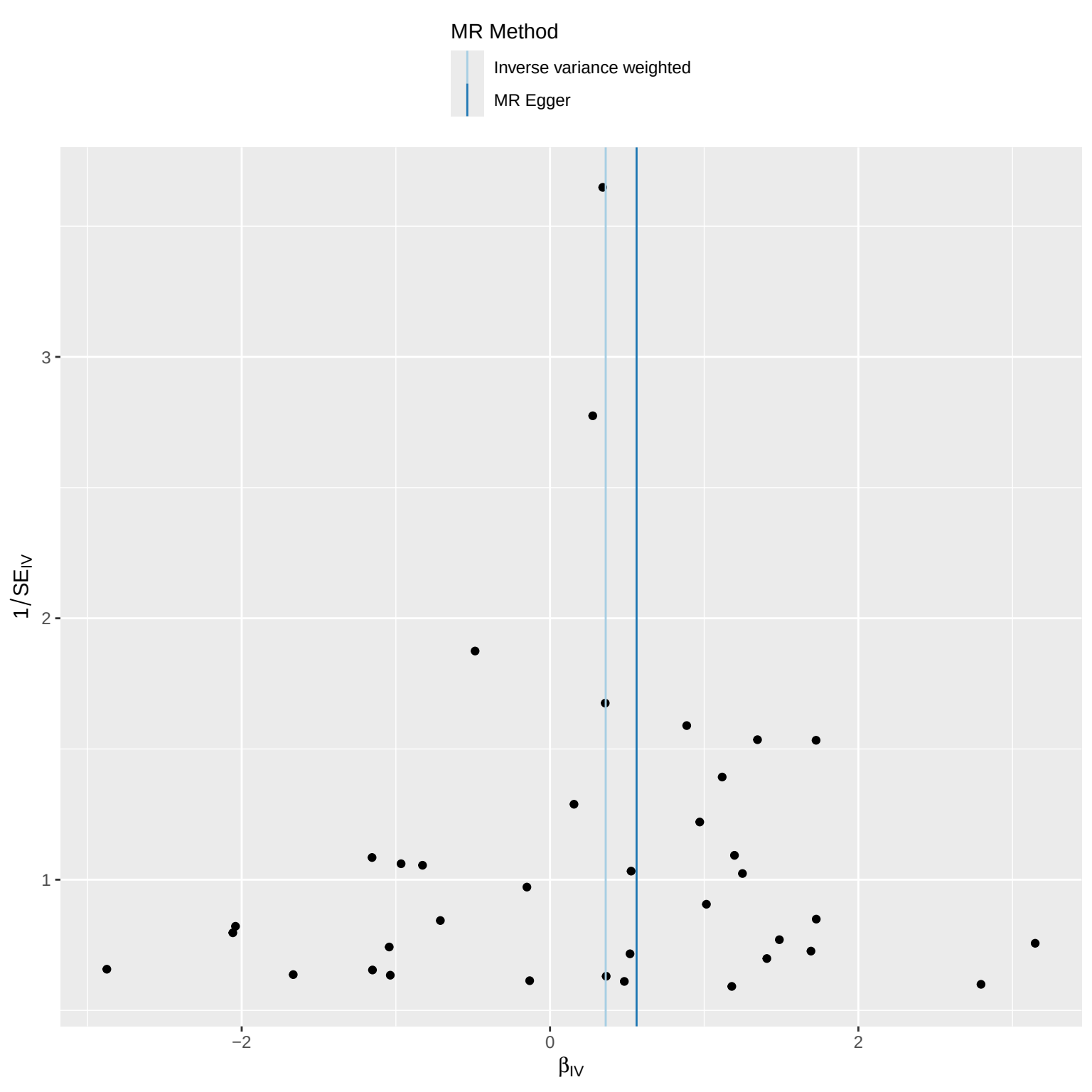

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

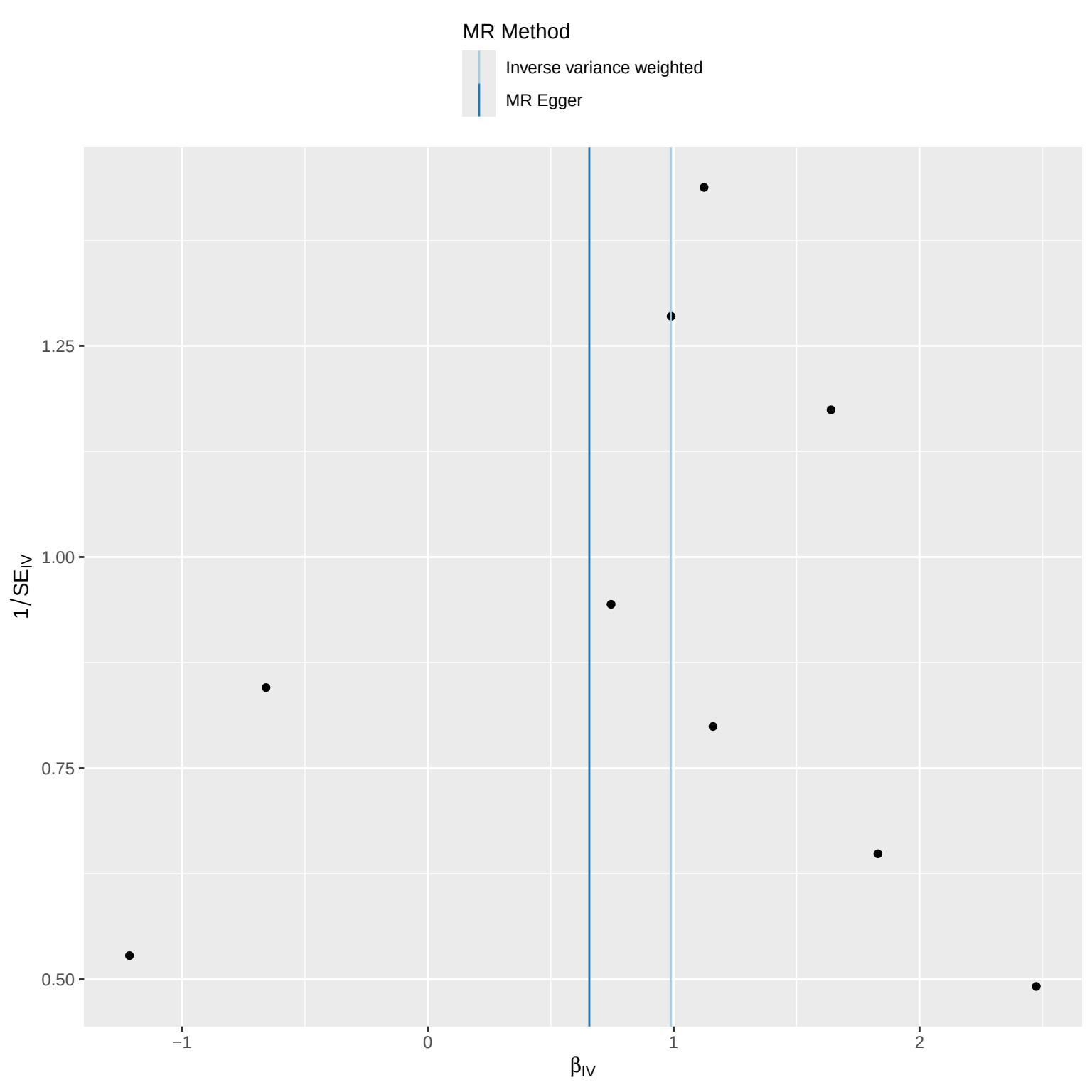

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

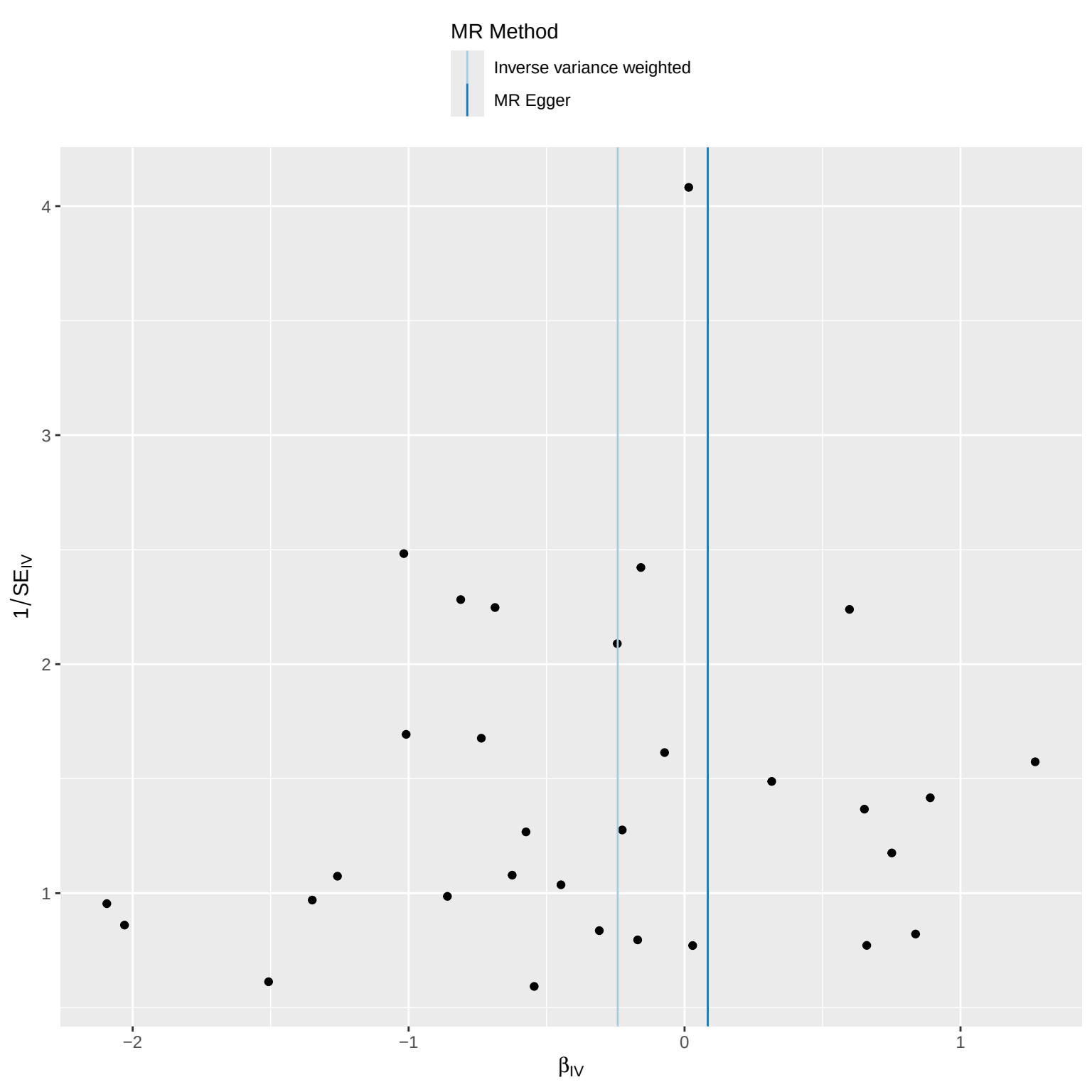

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

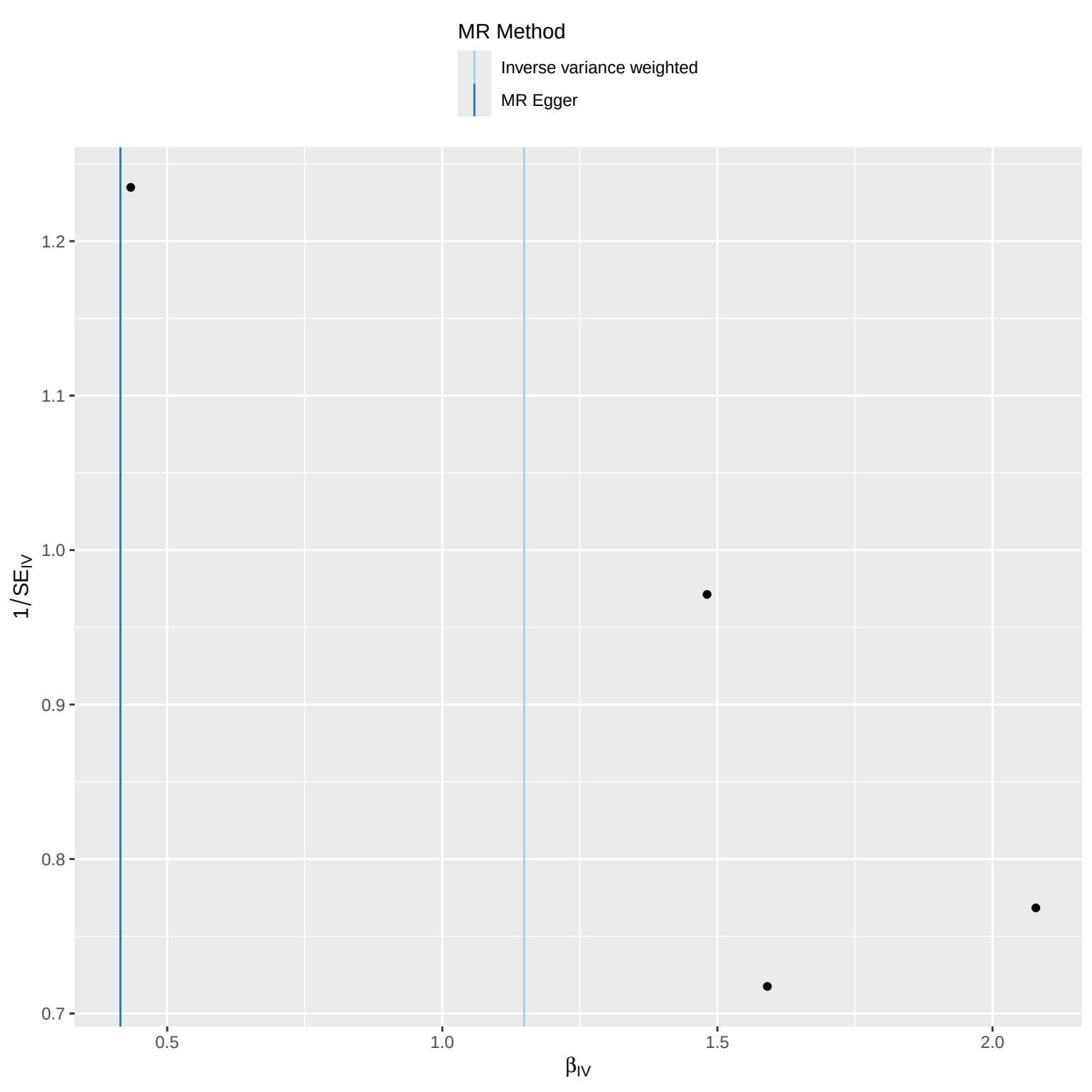

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

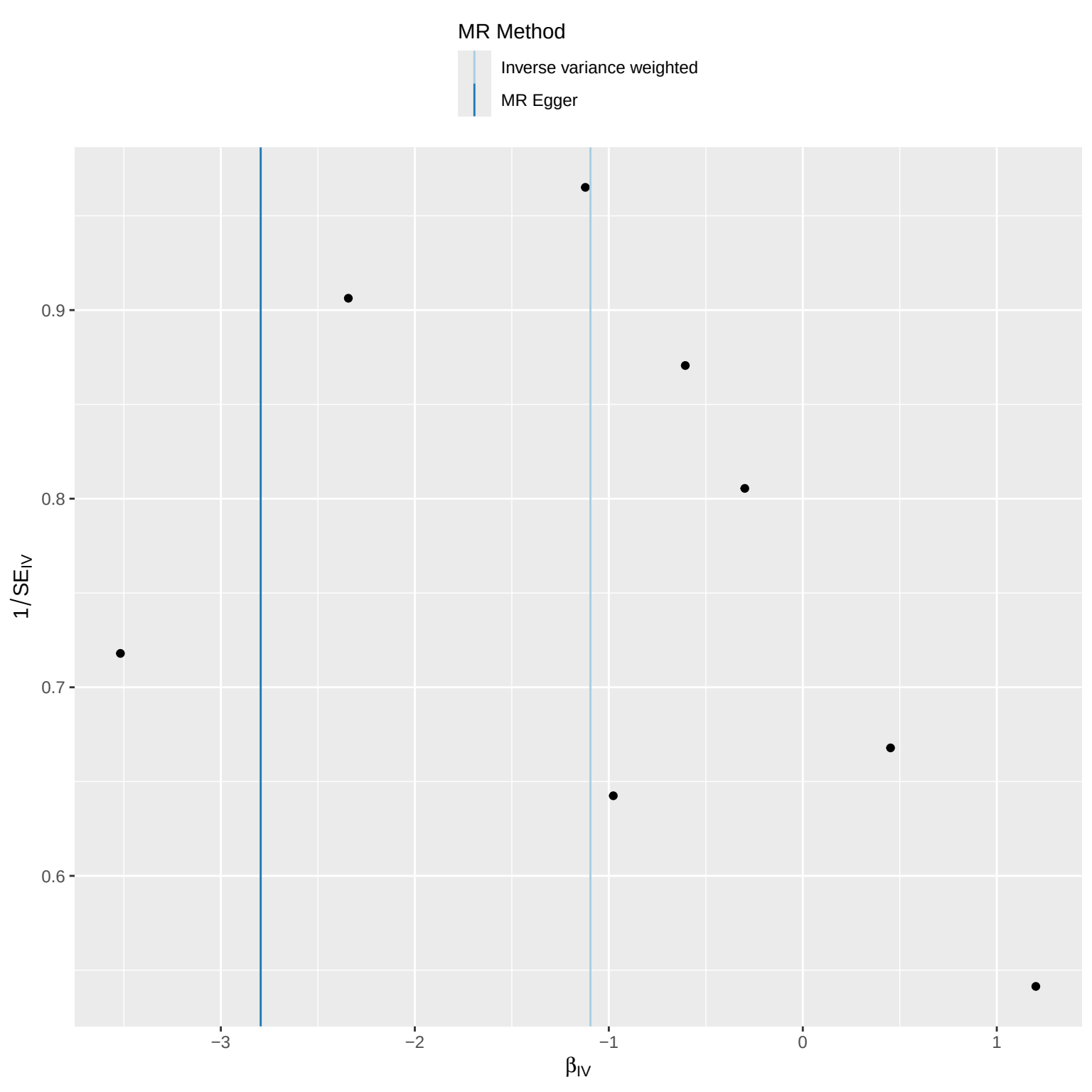

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

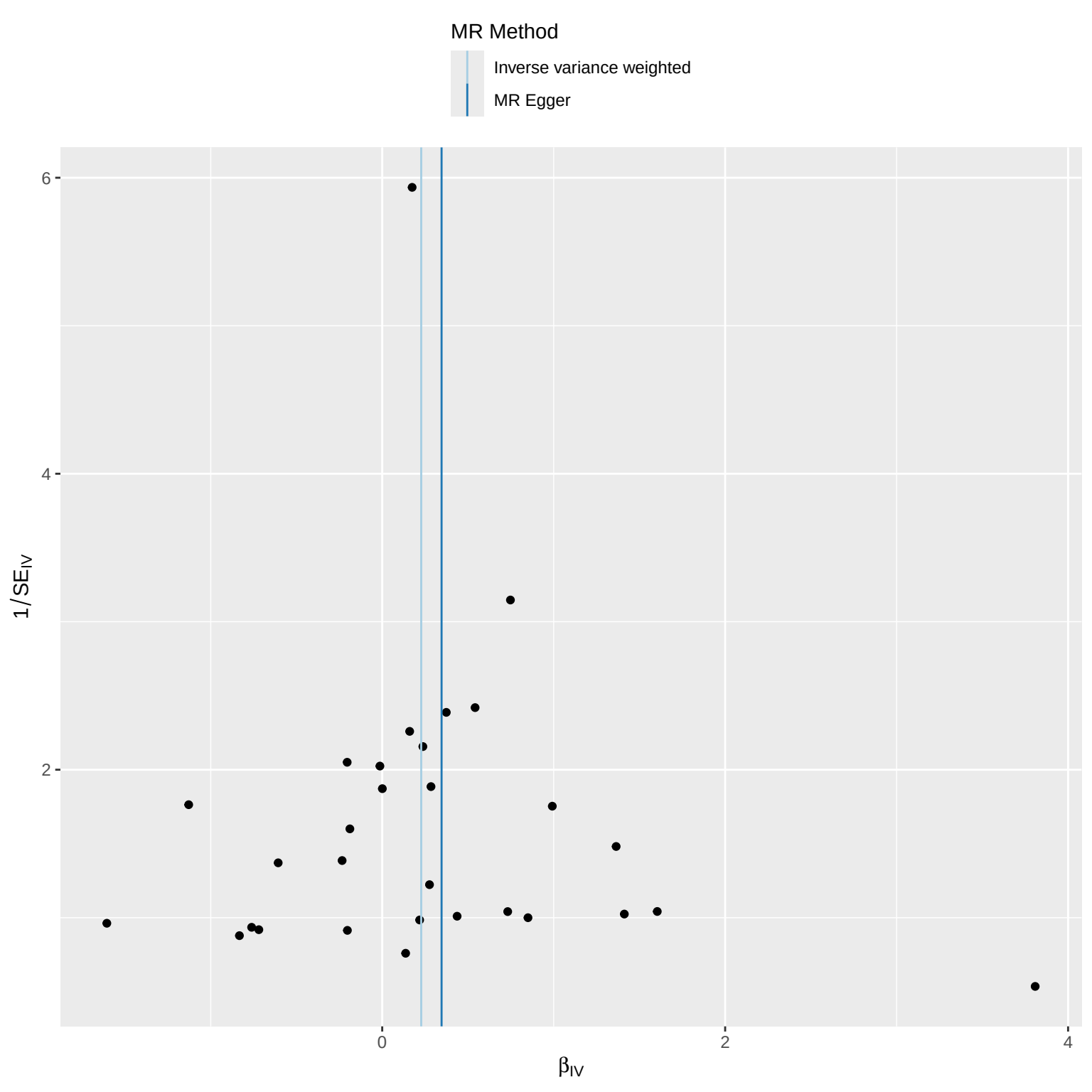

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

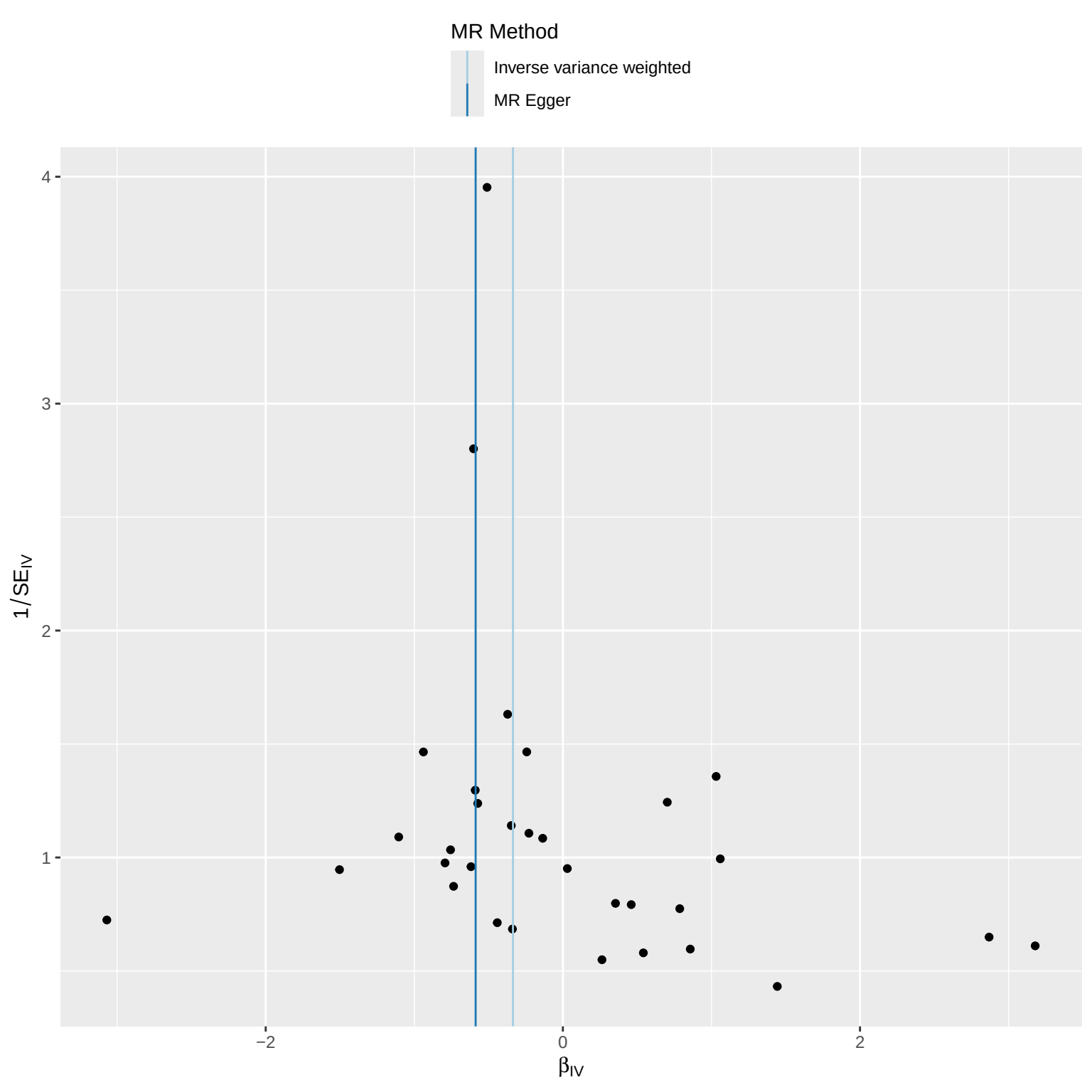

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−1
0
1
2
β_IV

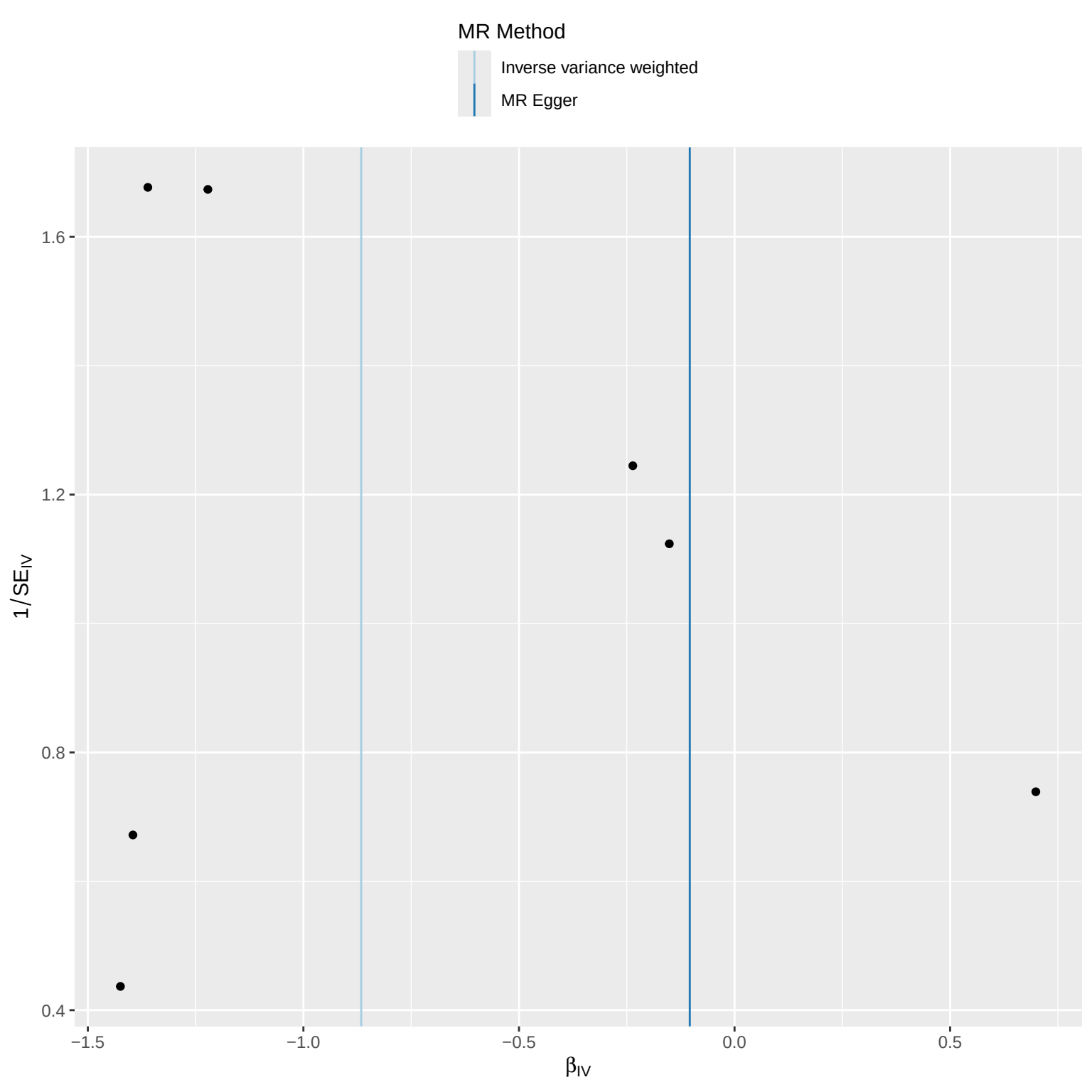

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

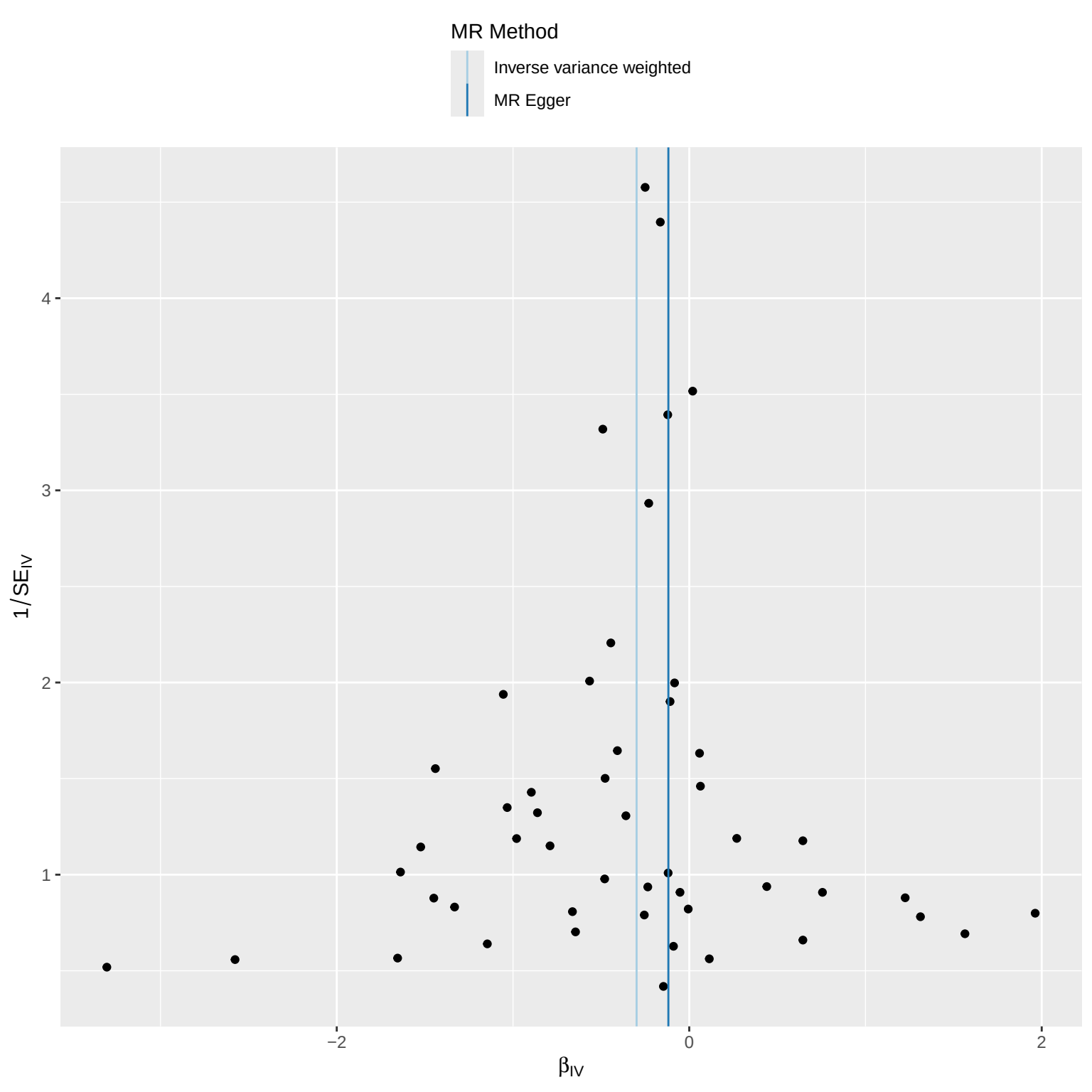

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
0.9
0.8
0.7
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

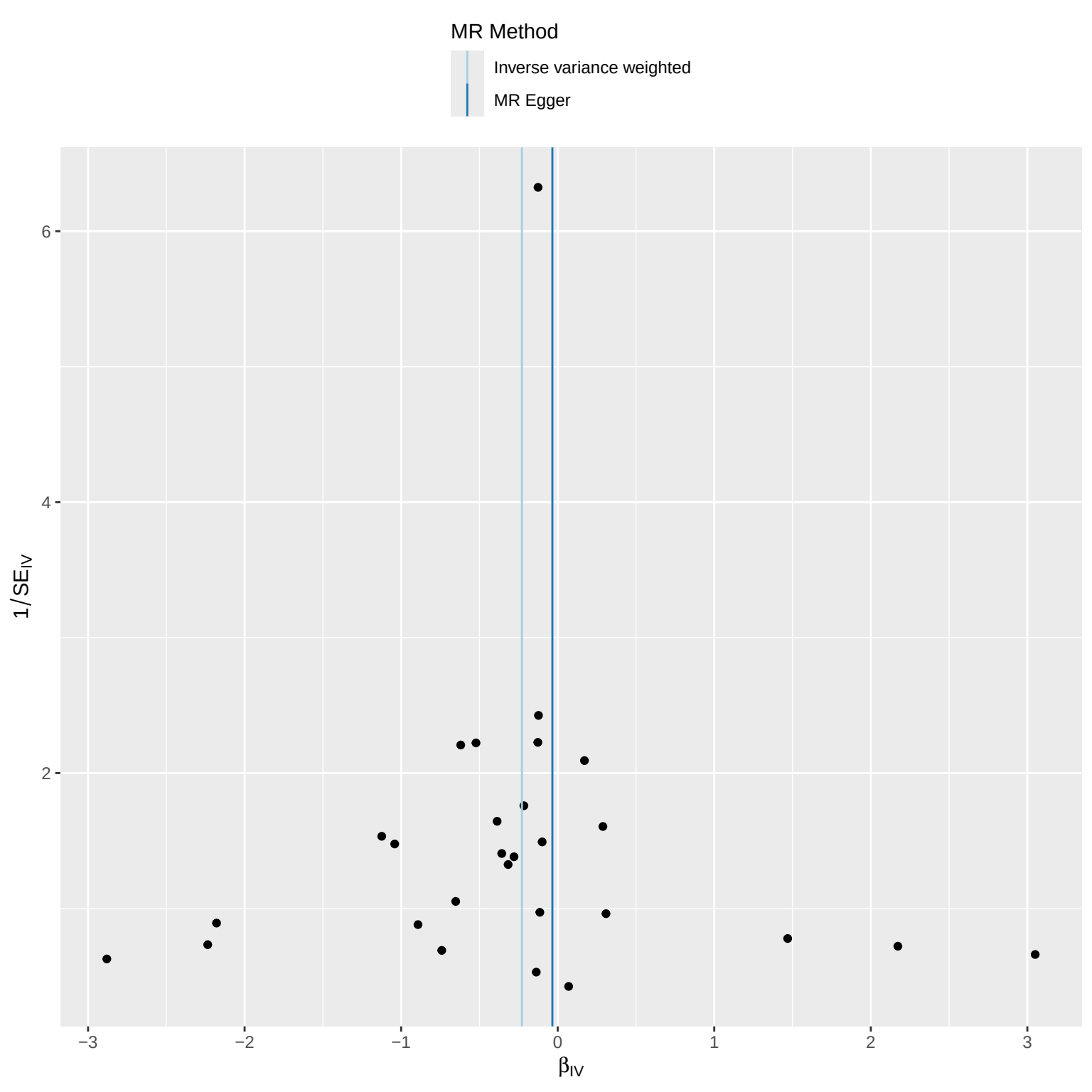

MR Method
Inverse variance weighted
MR Egger
0.9
0.8
0.7
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

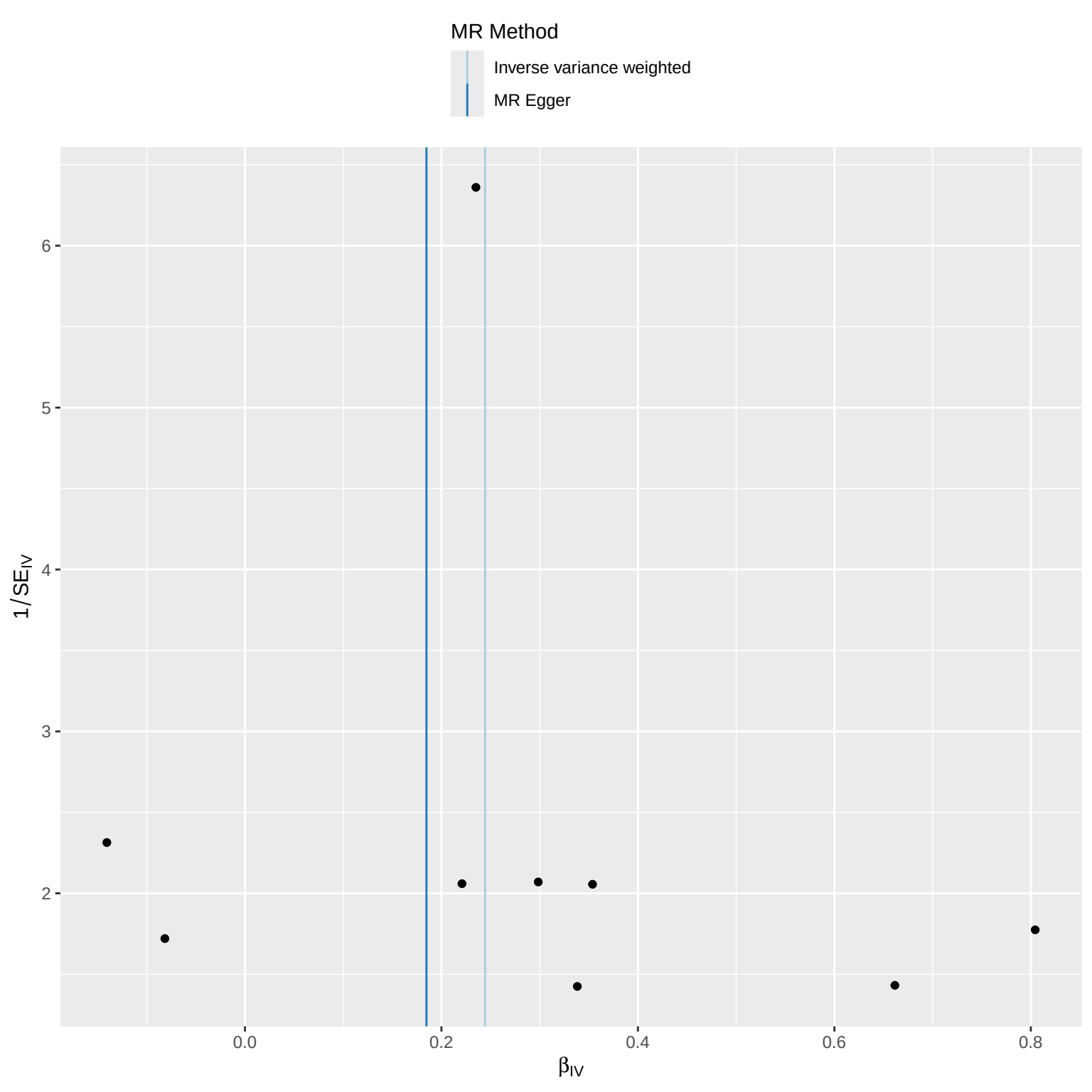

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
2
4
1/SE_IV
β_IV

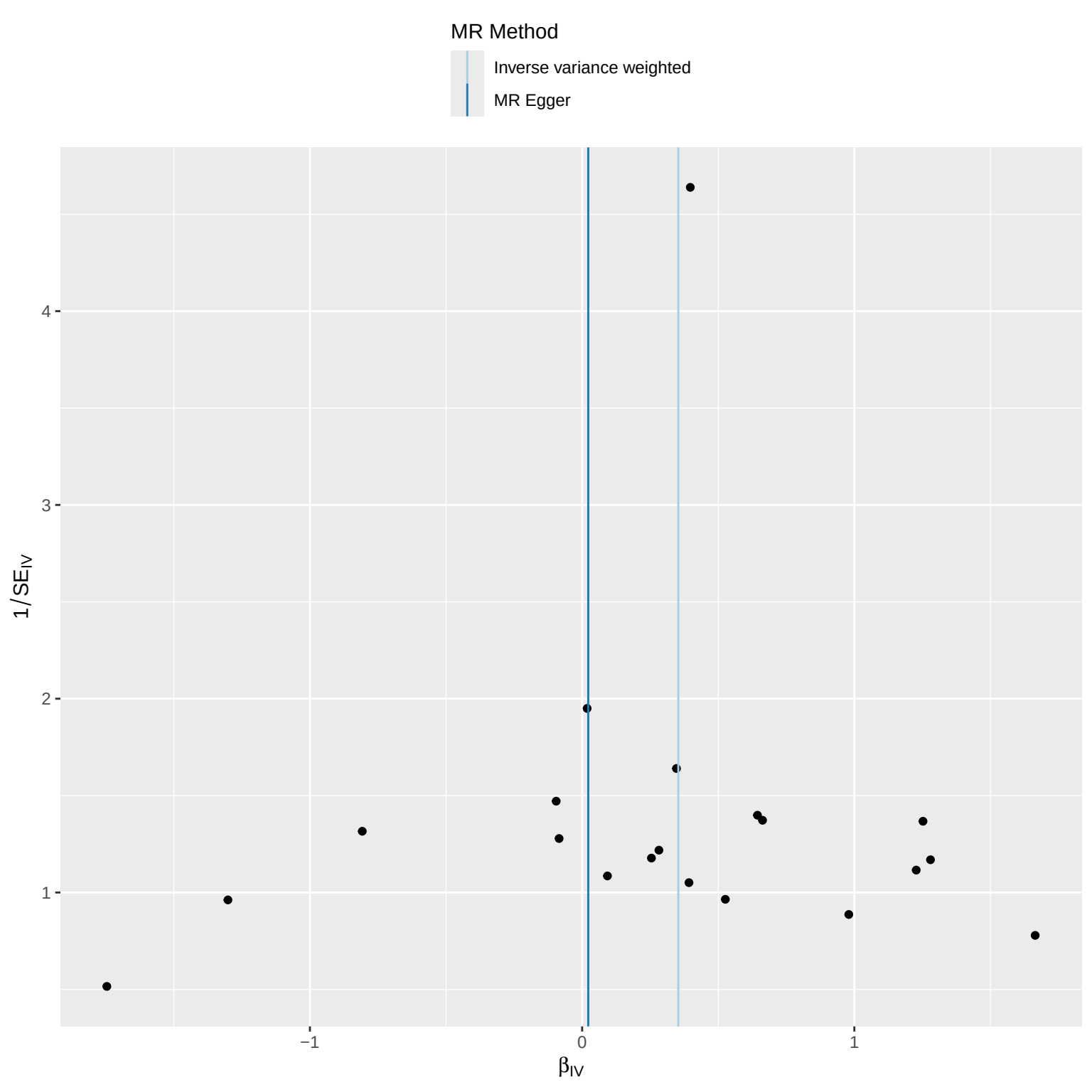

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

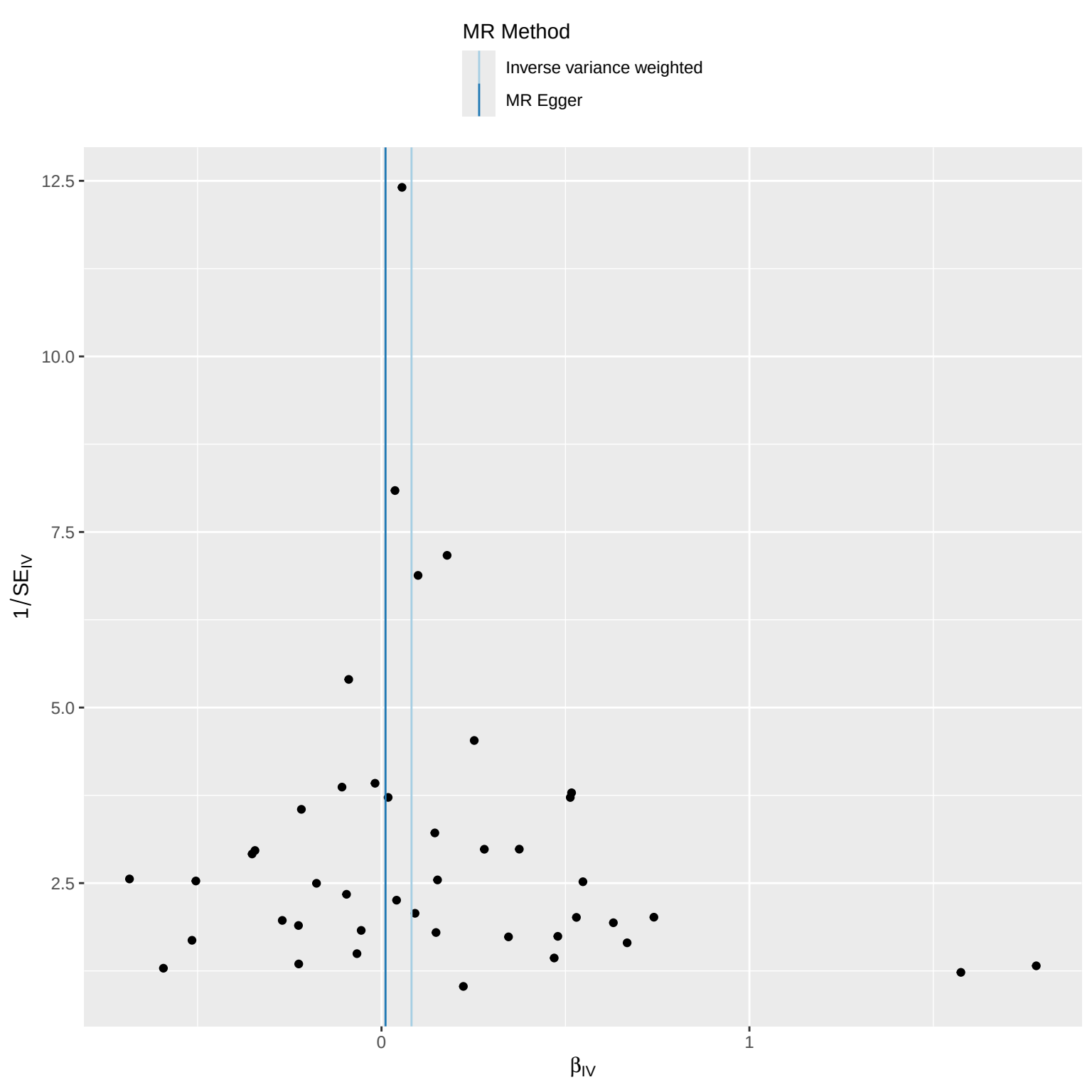

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

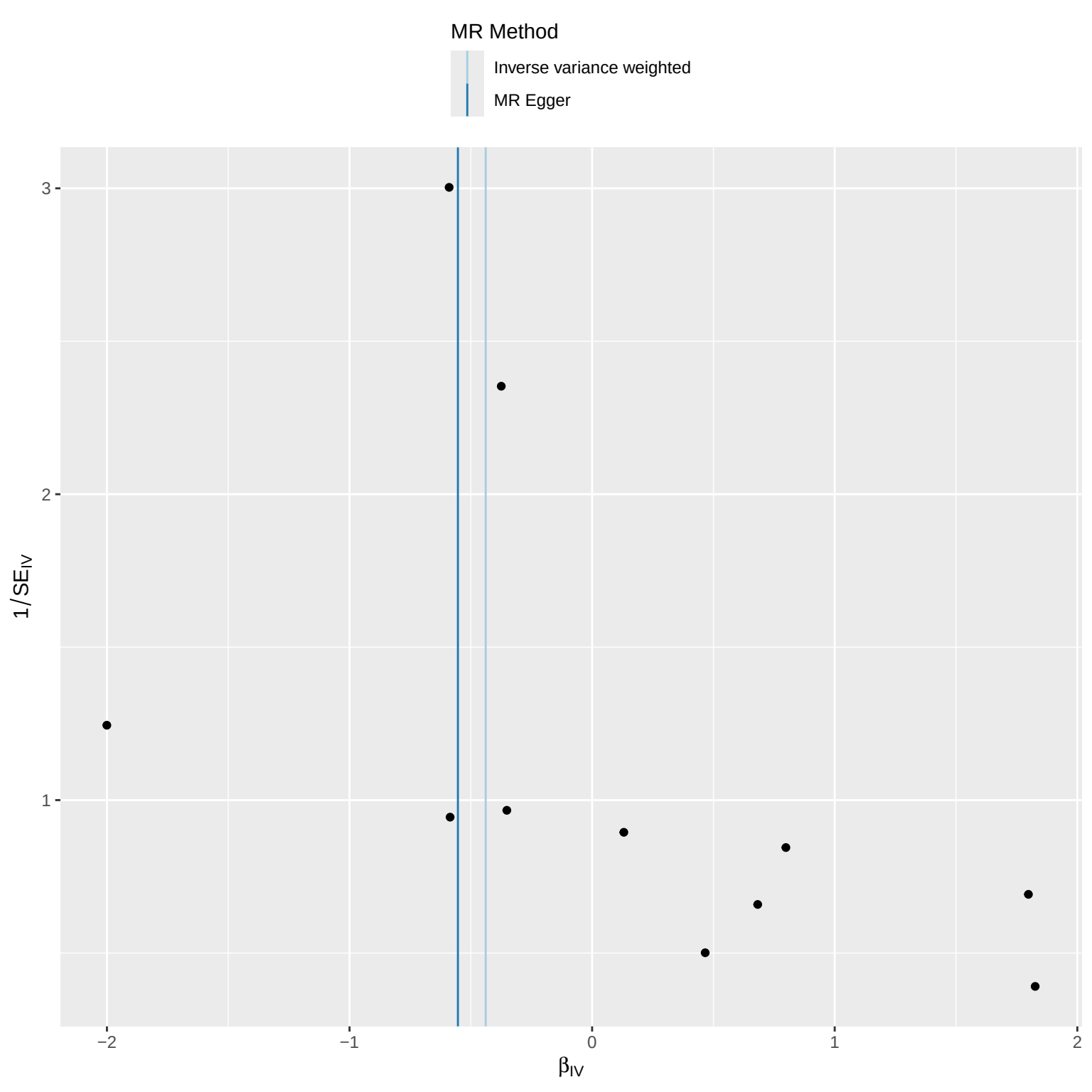

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

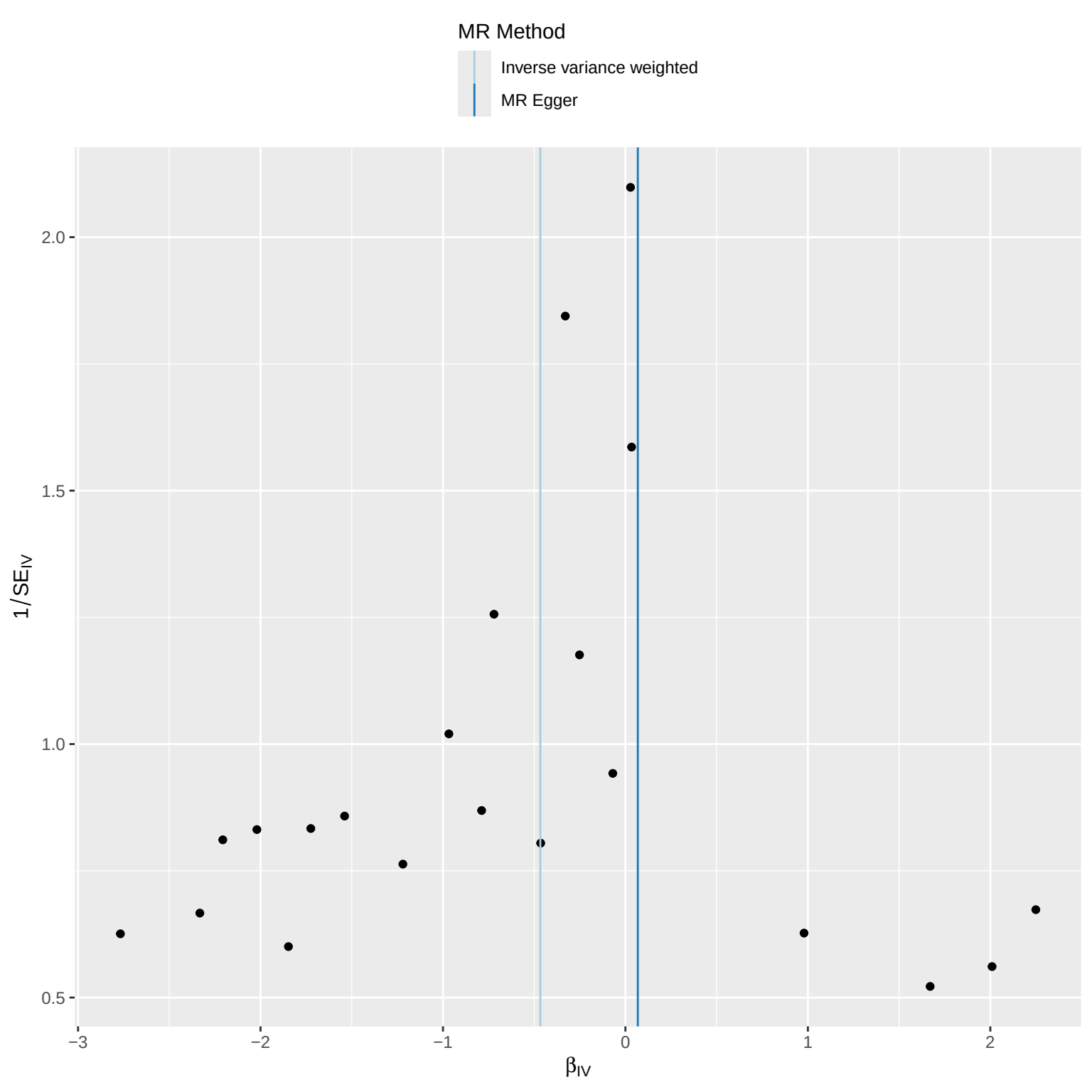

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
3
β_IV

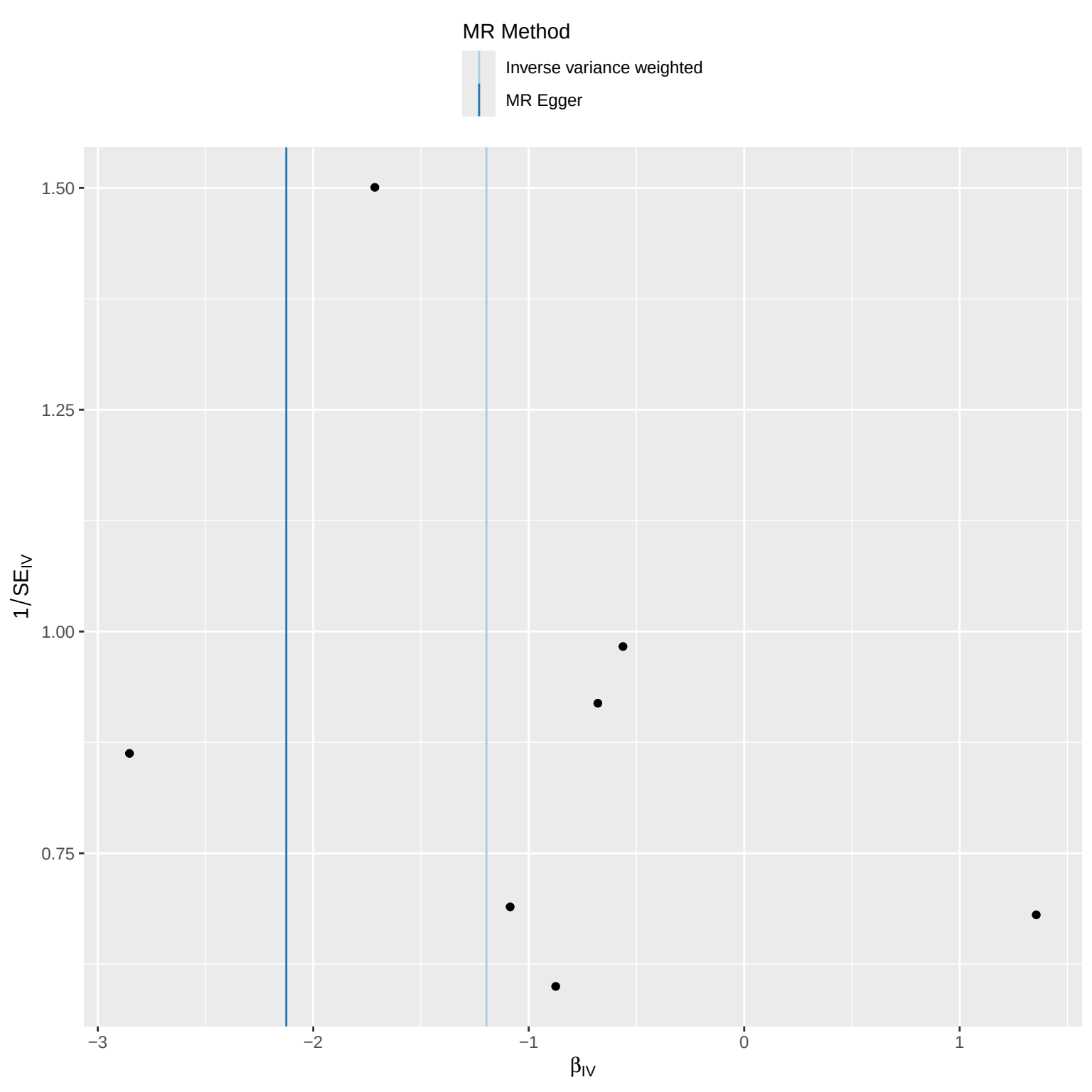

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1/SE_IV
0.0
0.2
0.4
0.6
0.8
β_IV

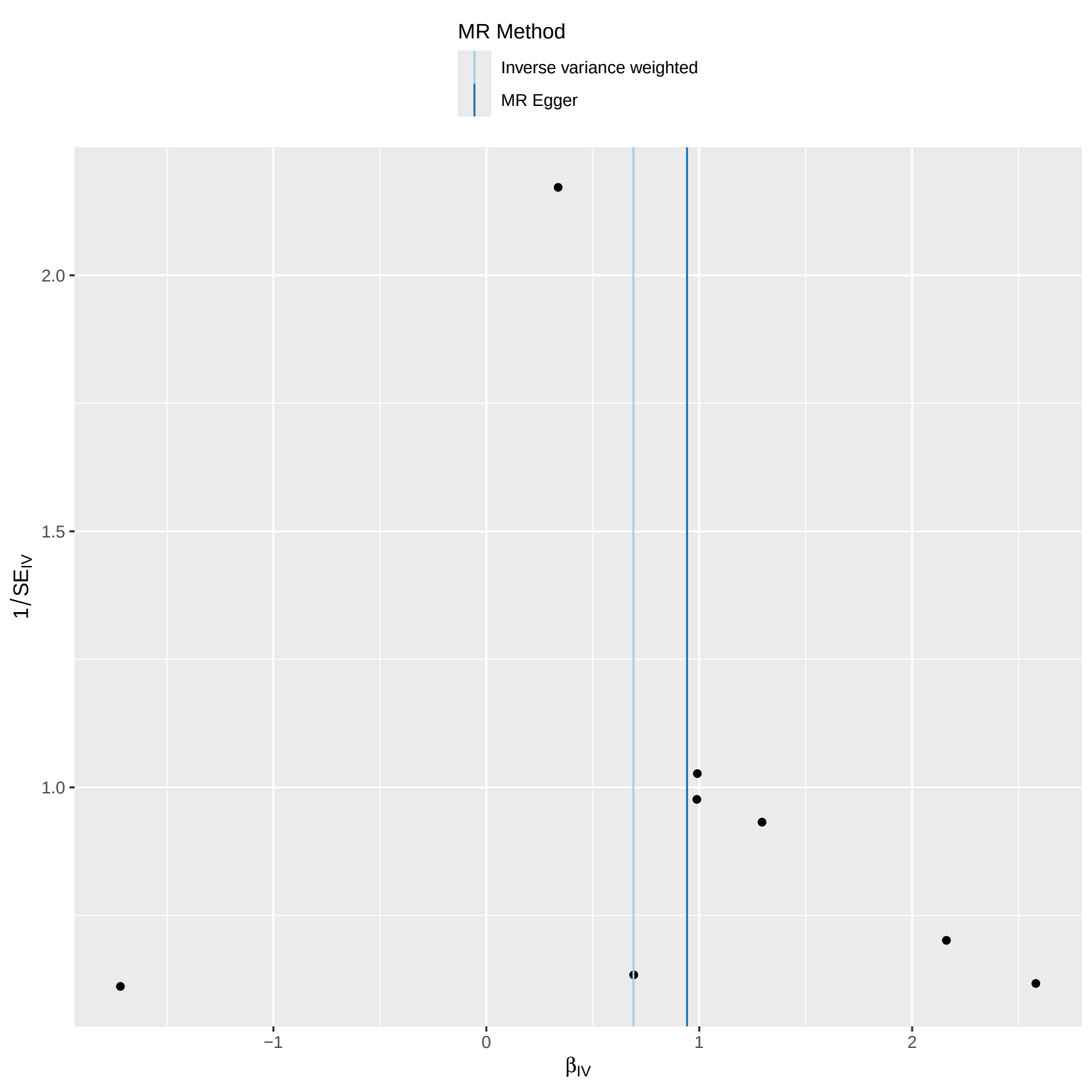

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
β_IV

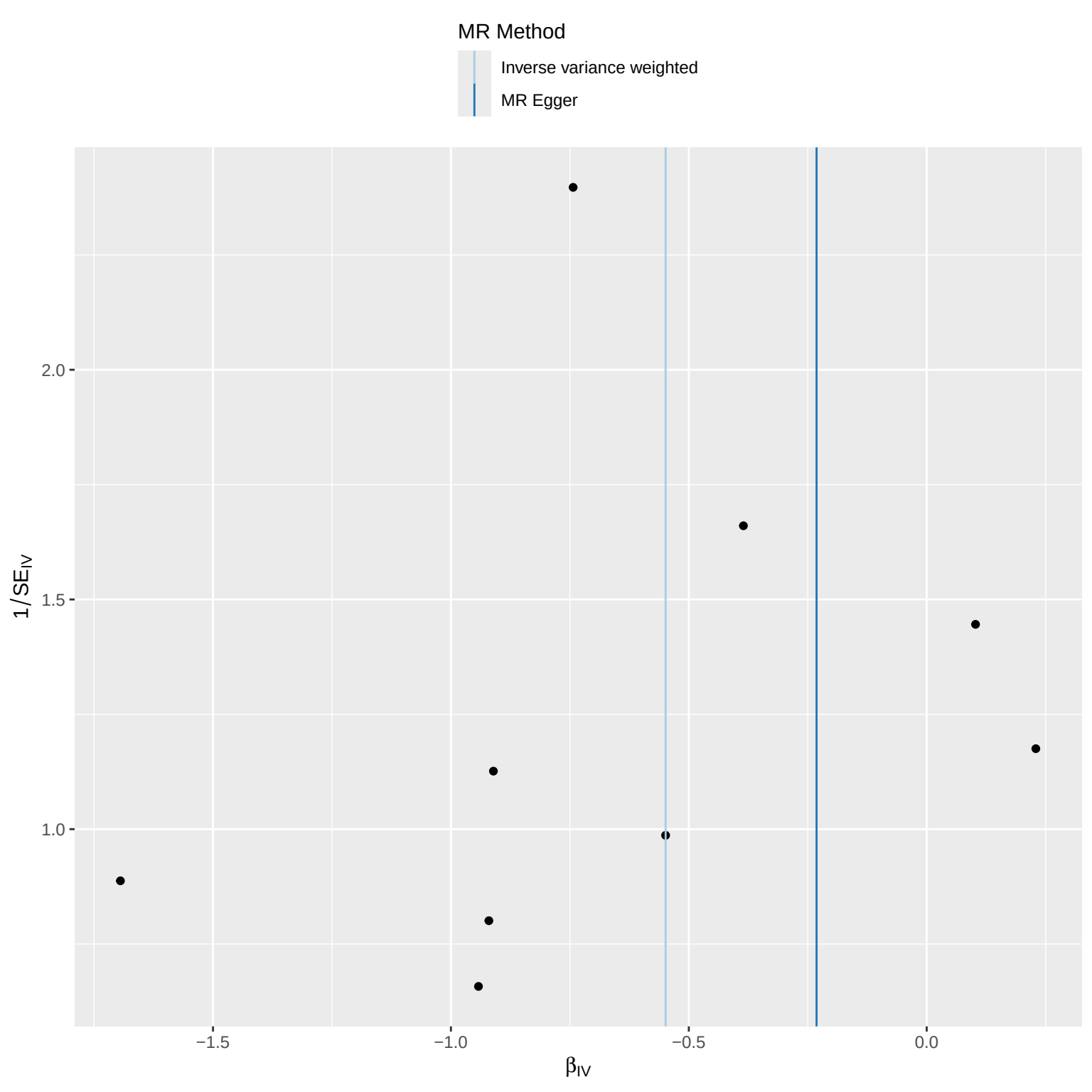

MR Method
Inverse variance weighted
MR Egger
12.5
10.0
7.5
5.0
2.5
1/SE_IV
0
1
β_IV

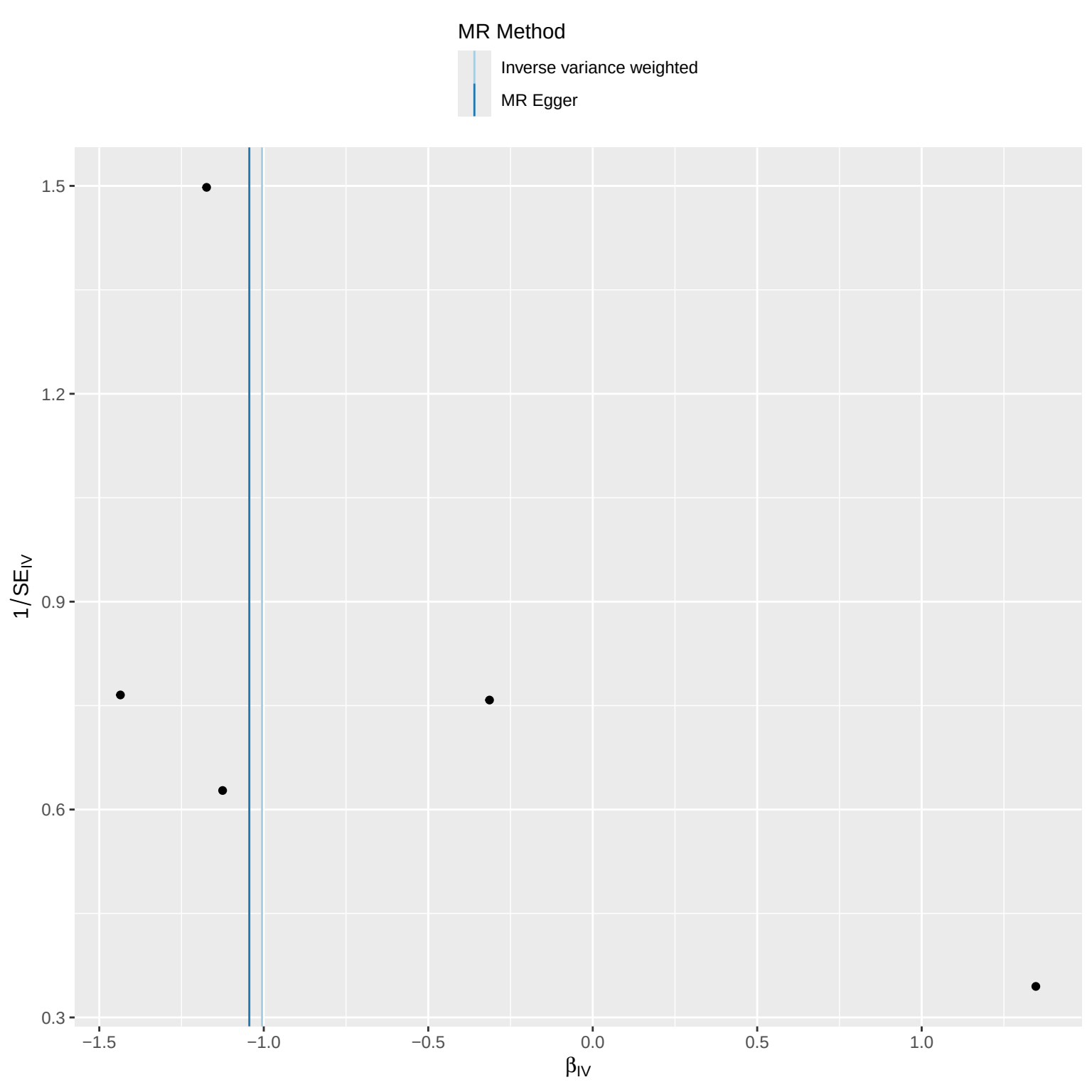

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

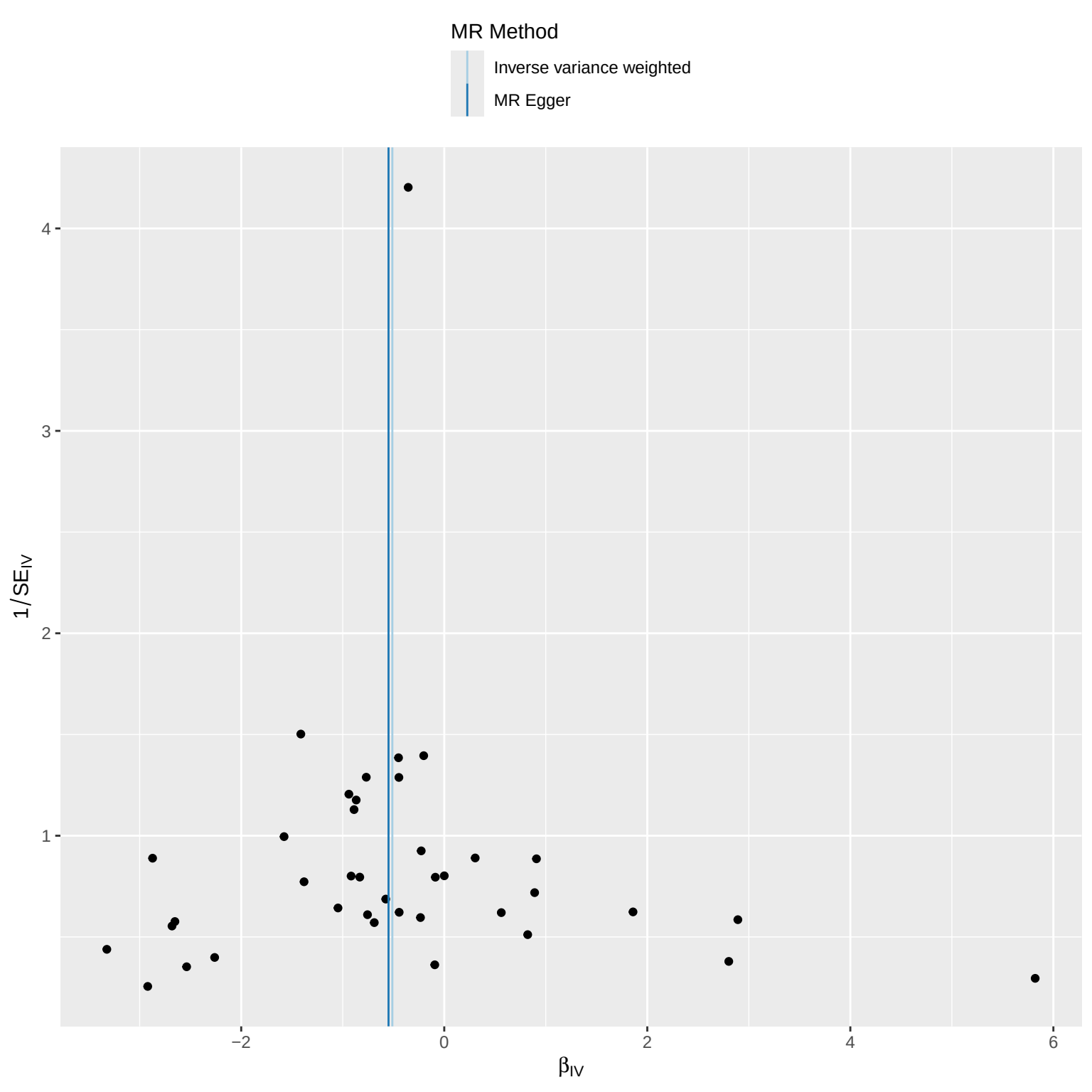

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
2
β_IV

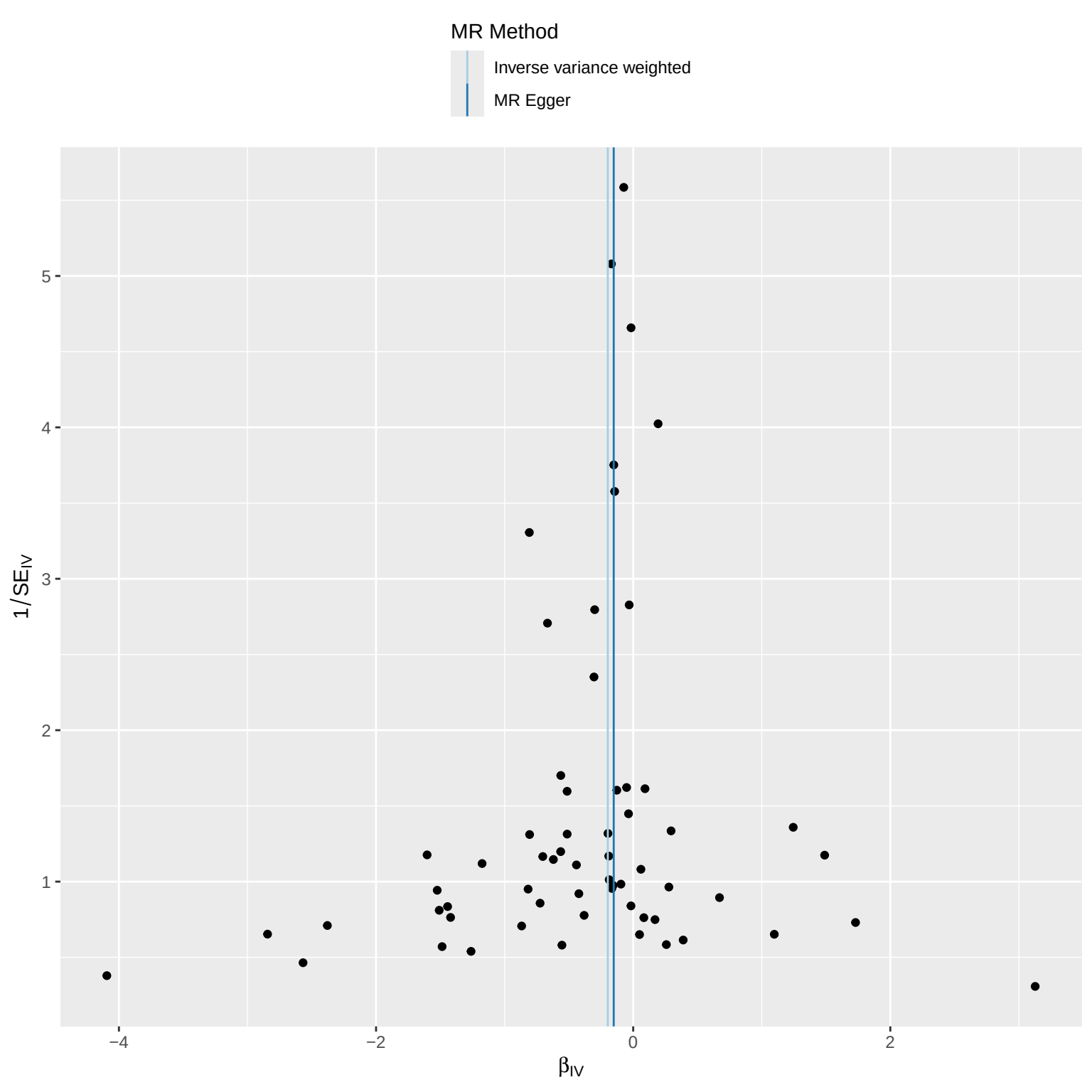

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−3
−2
−1
0
1
β_IV

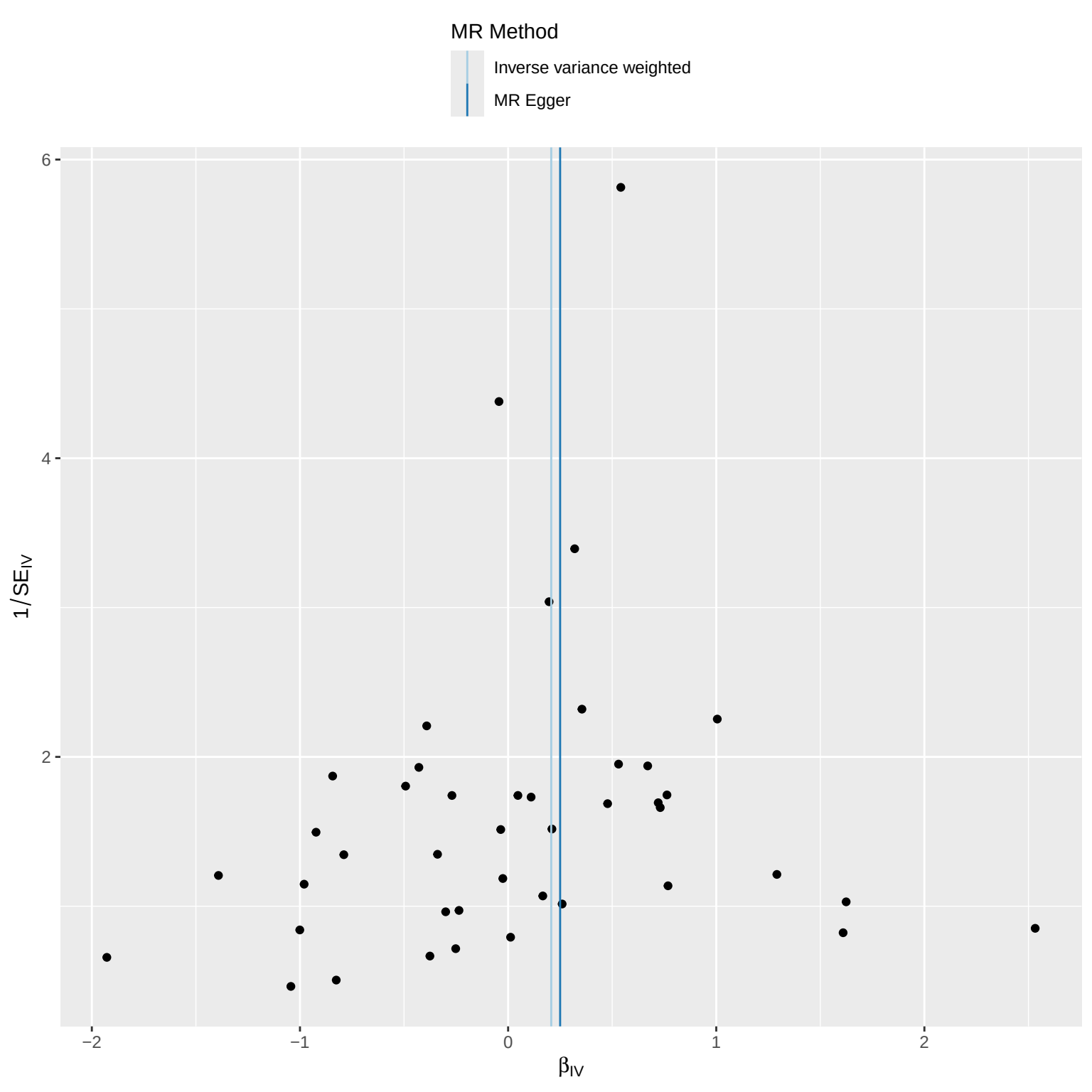

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

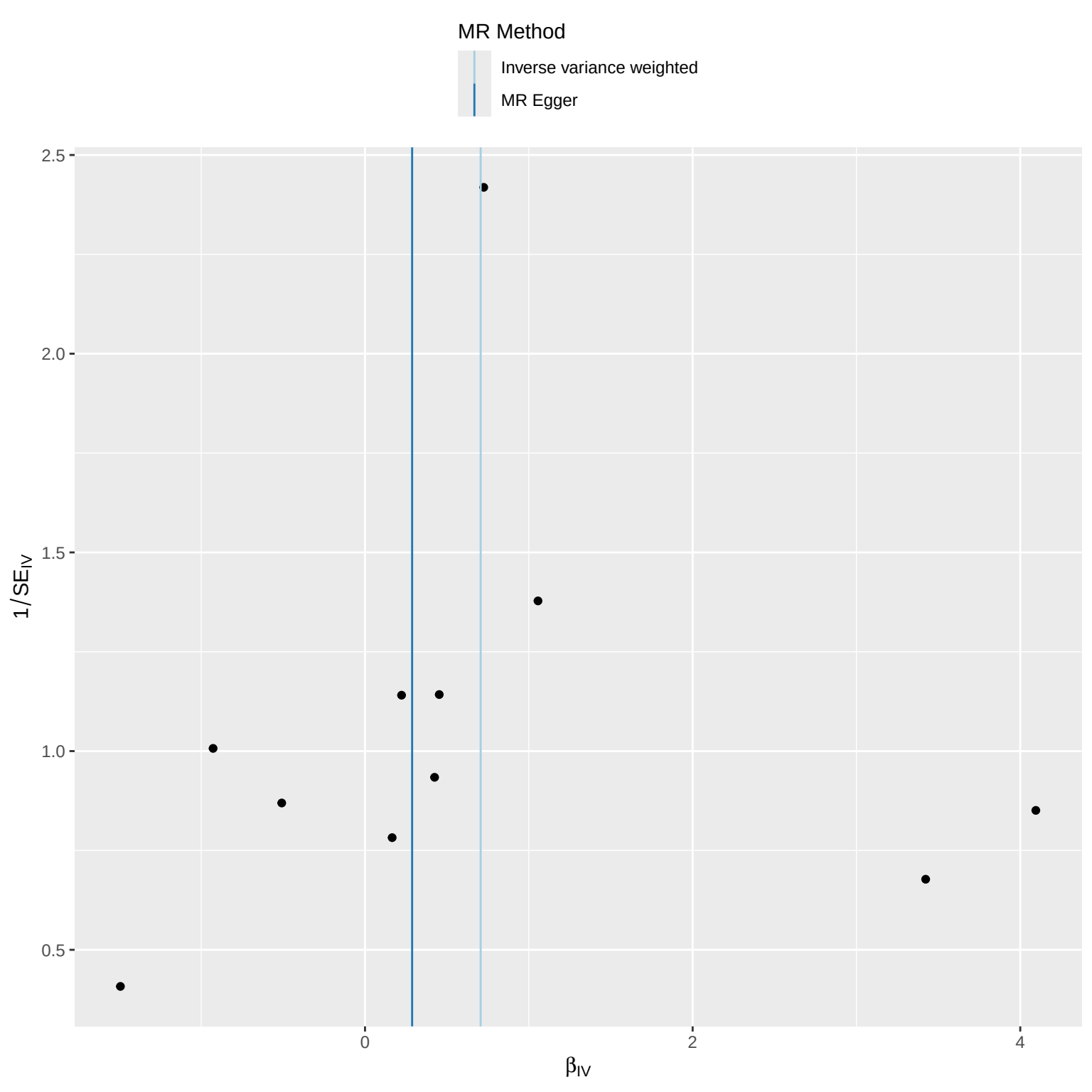

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

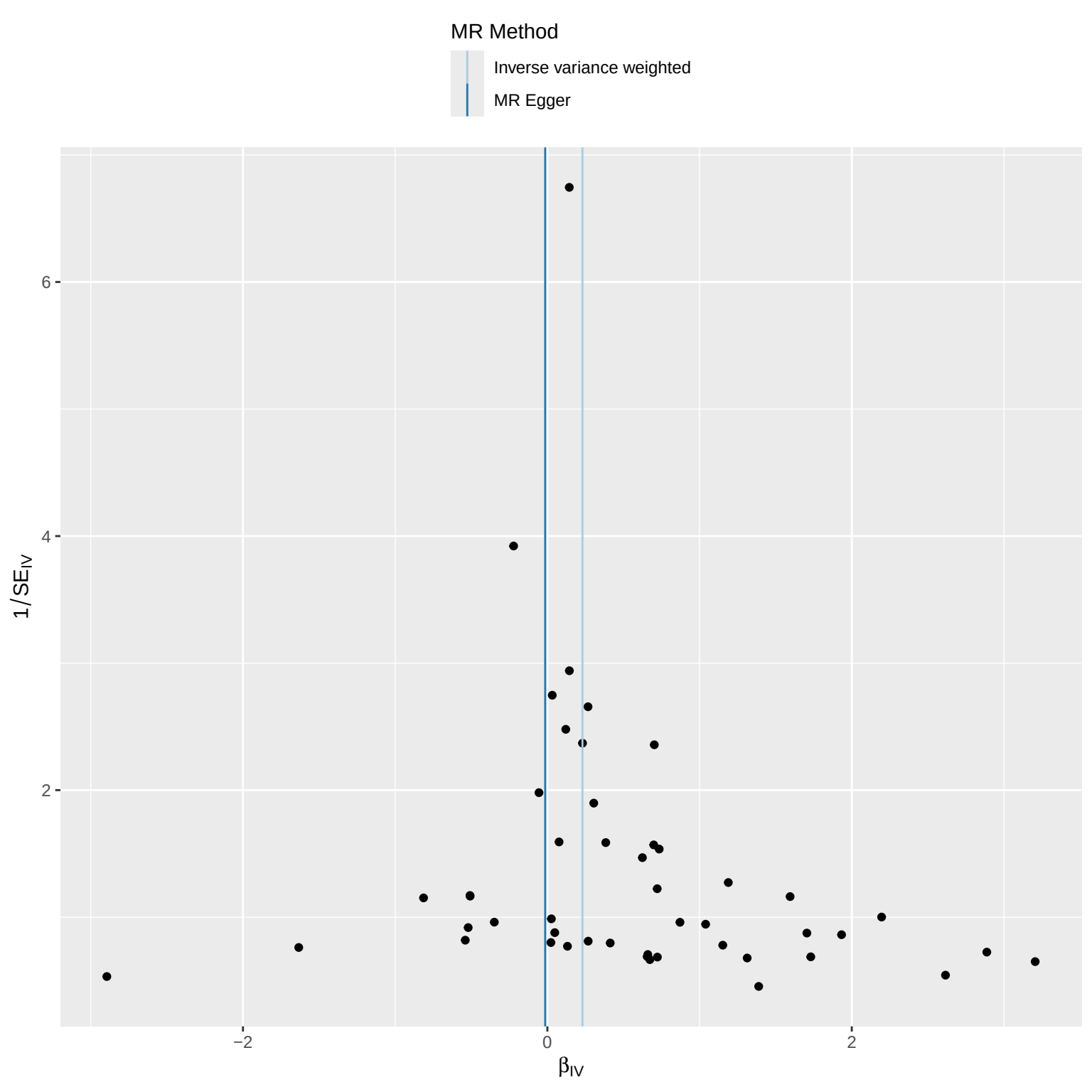

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
0.3
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

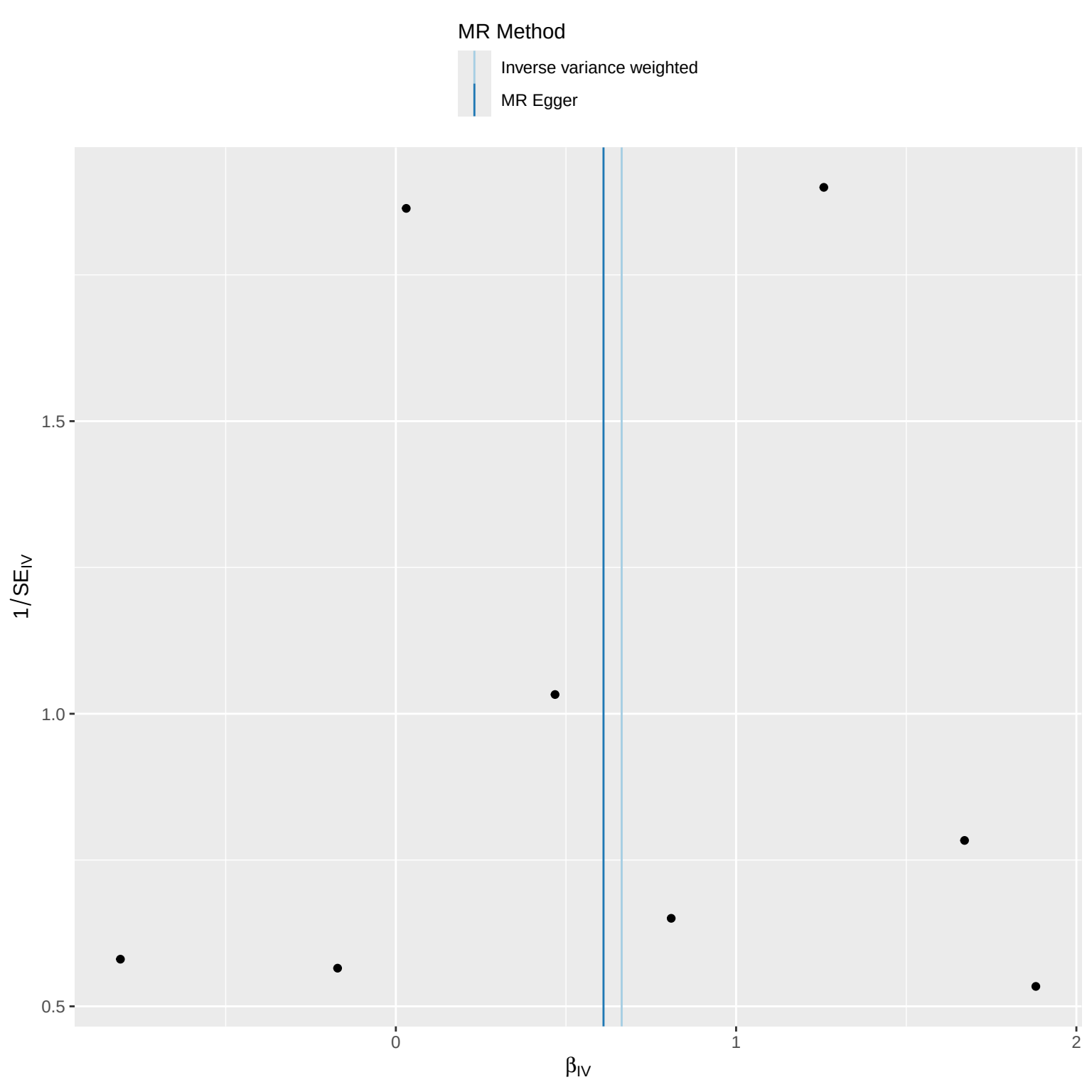

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
4
6
β_IV

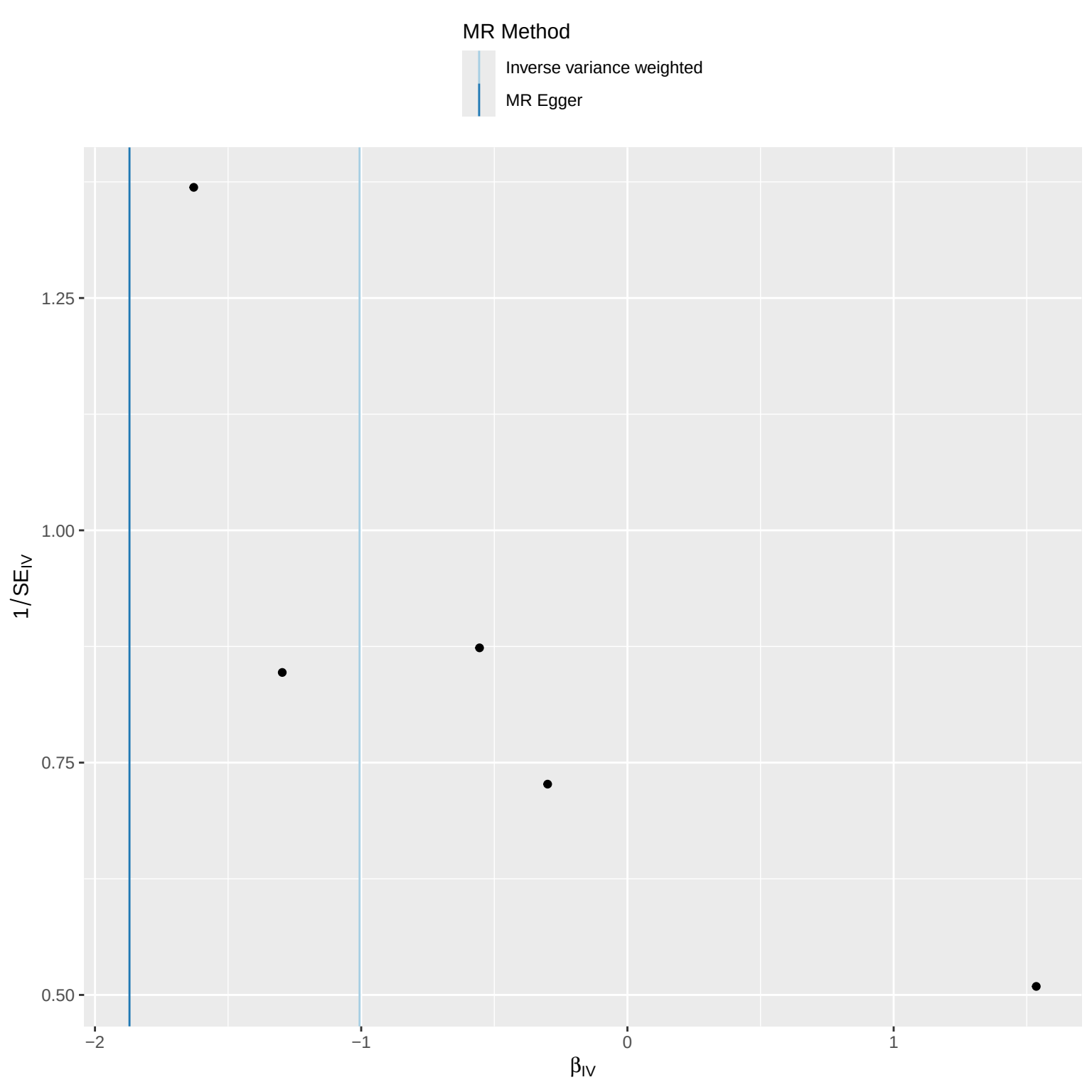

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−4
−2
0
2

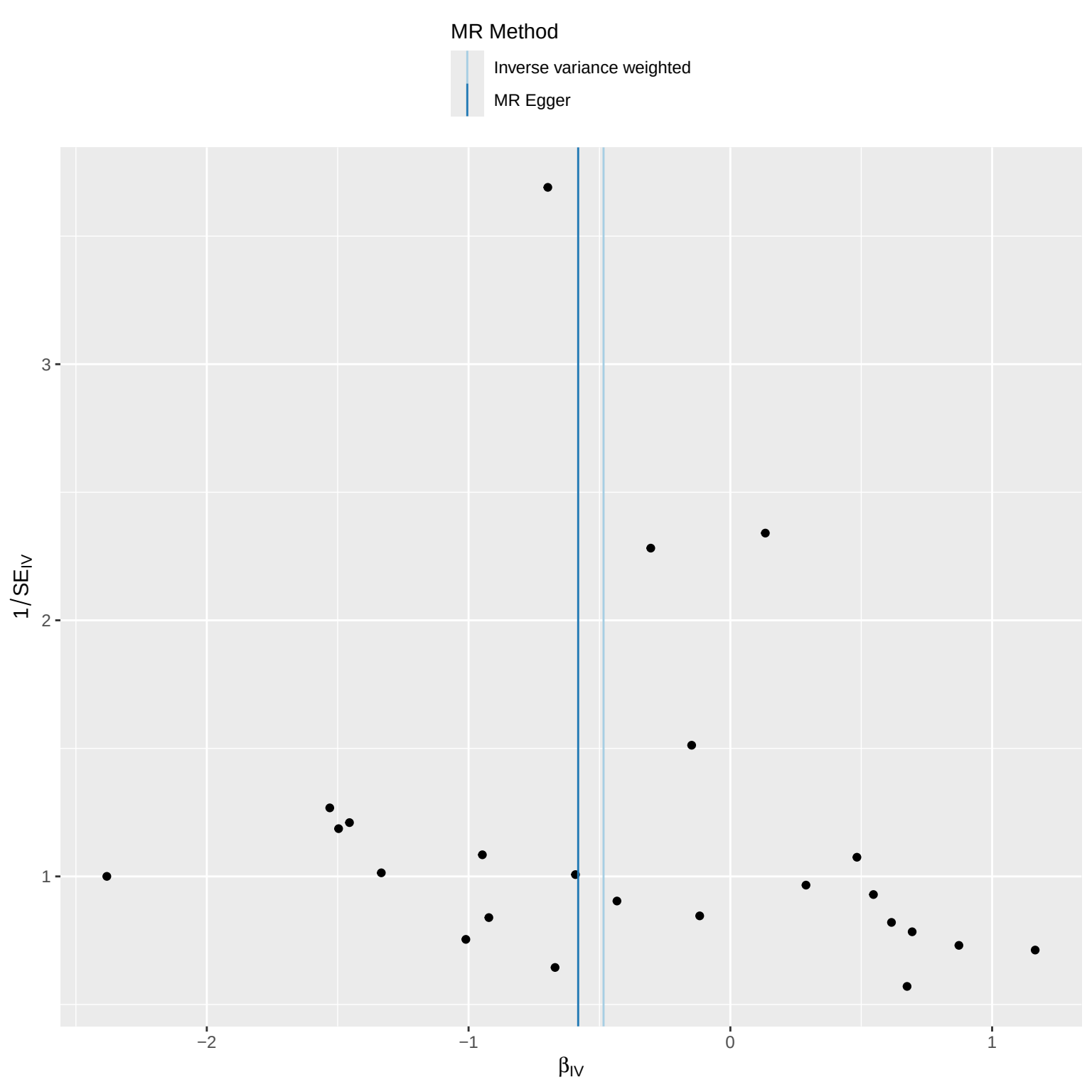

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
−1
0
1
2
β_IV

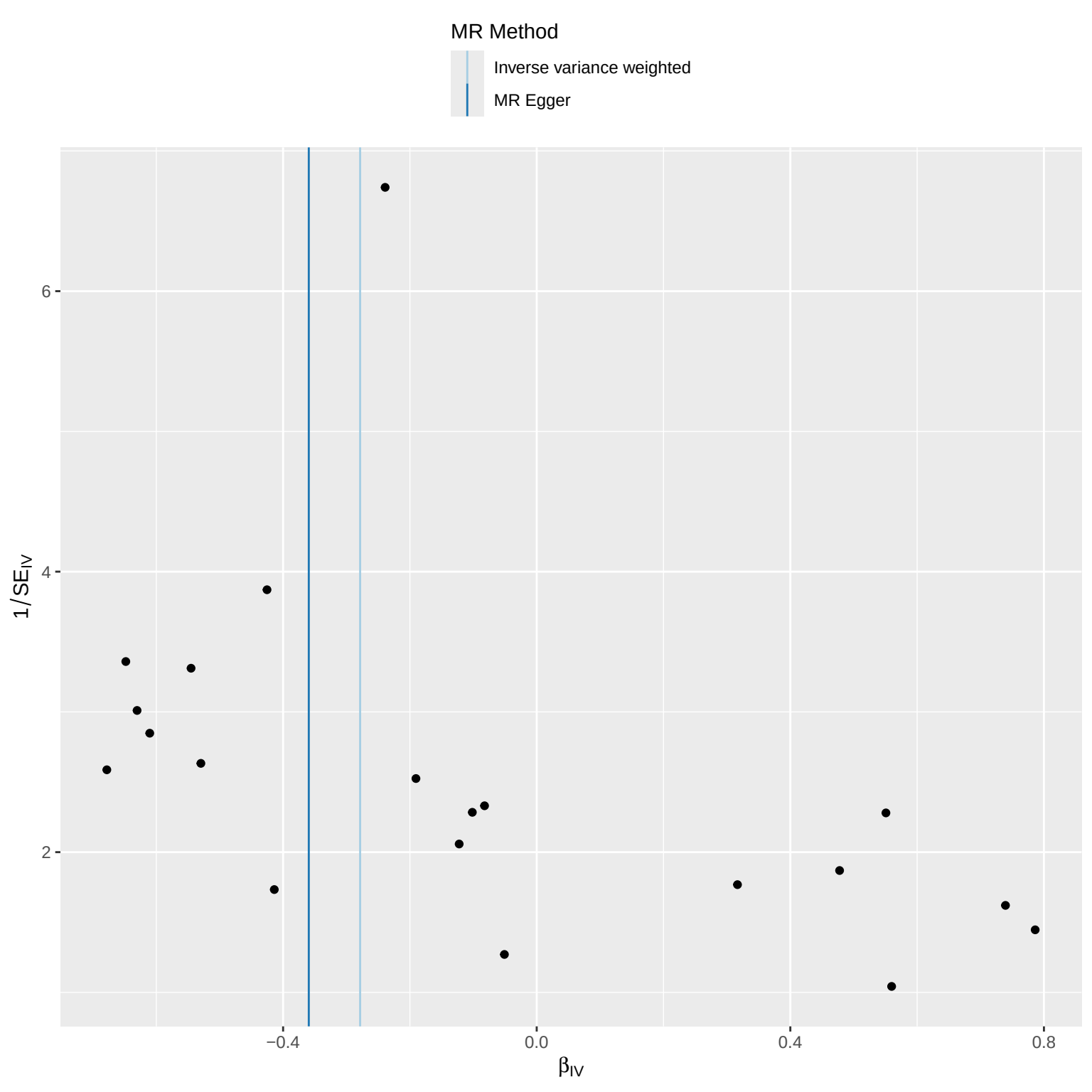

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

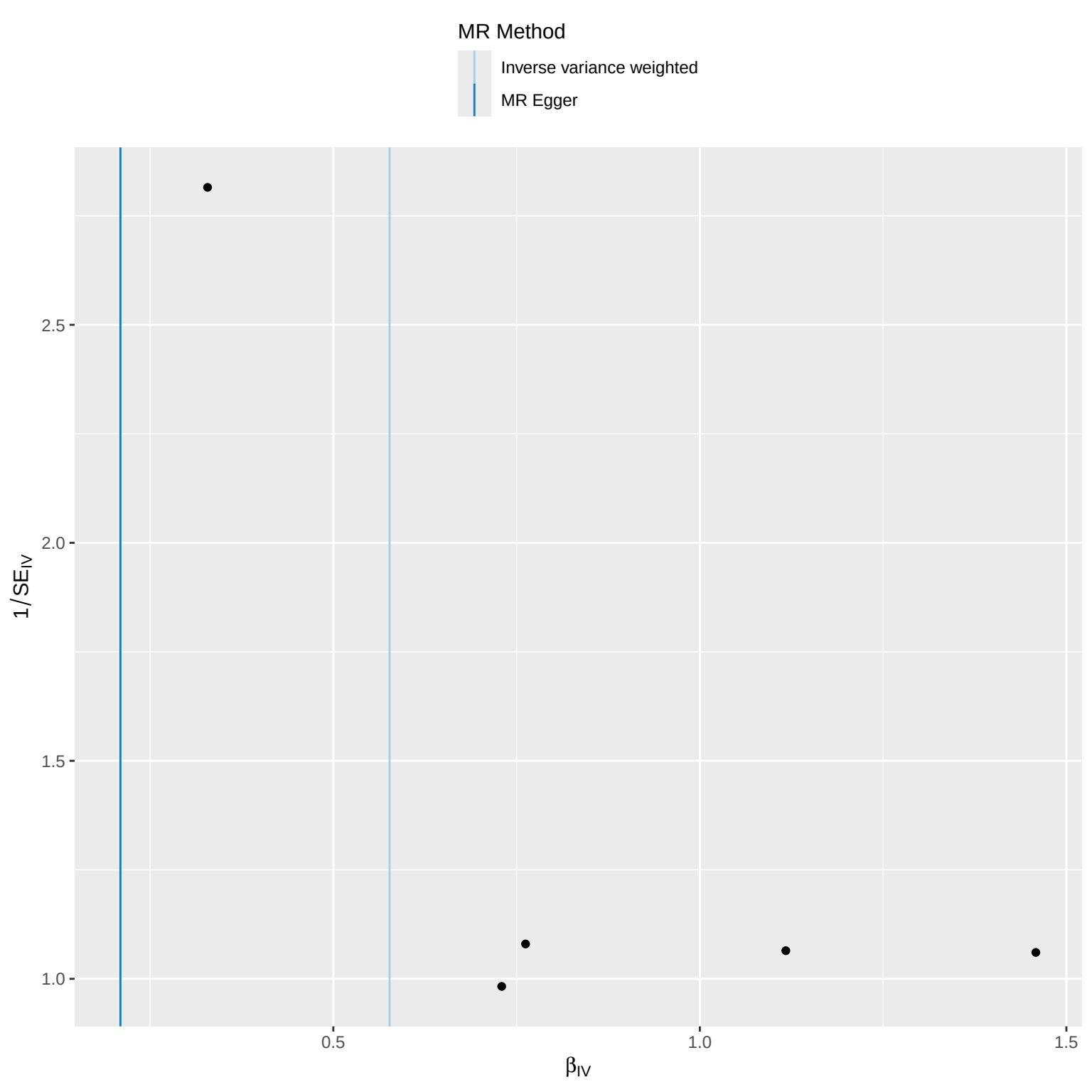

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−2
0
2
β_IV

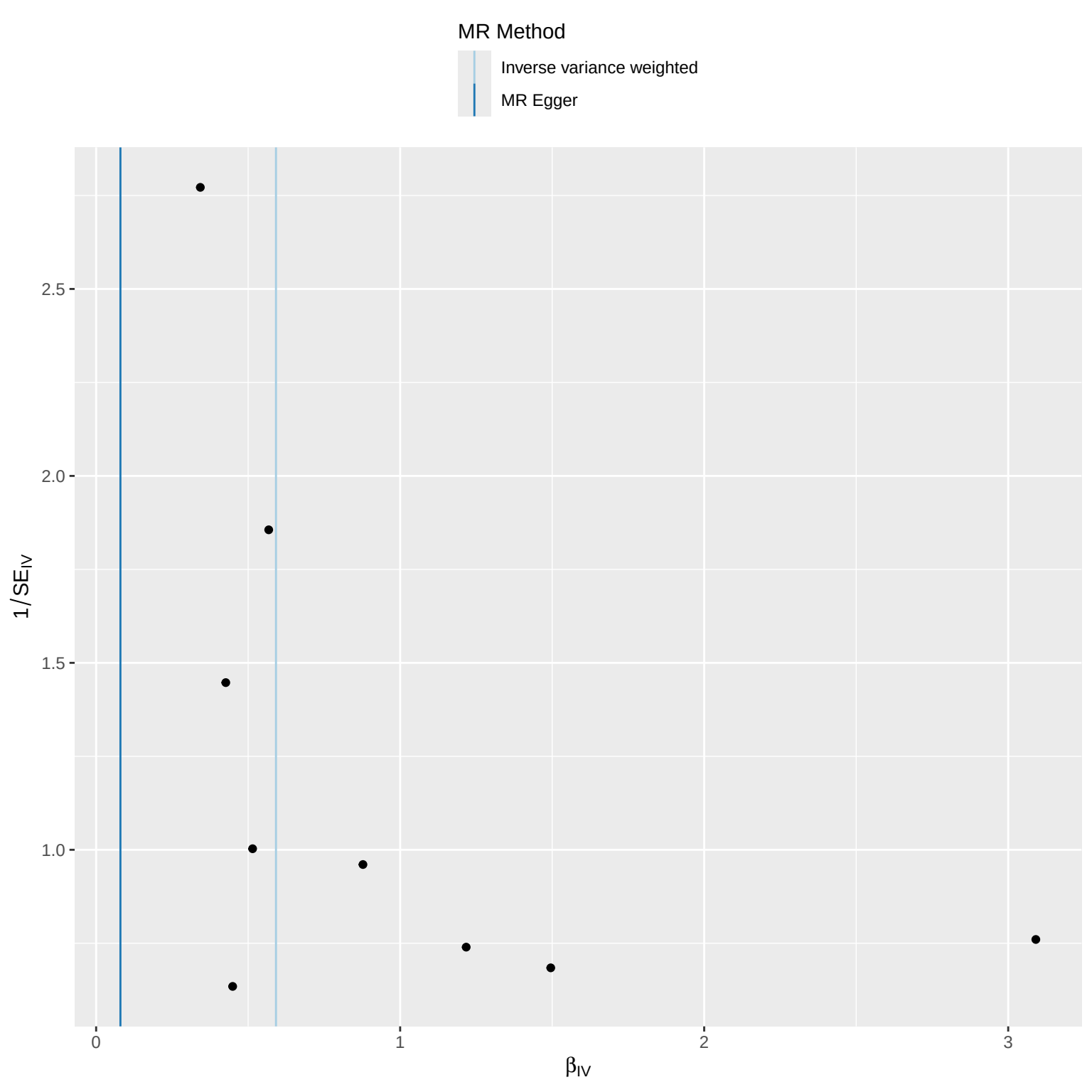

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

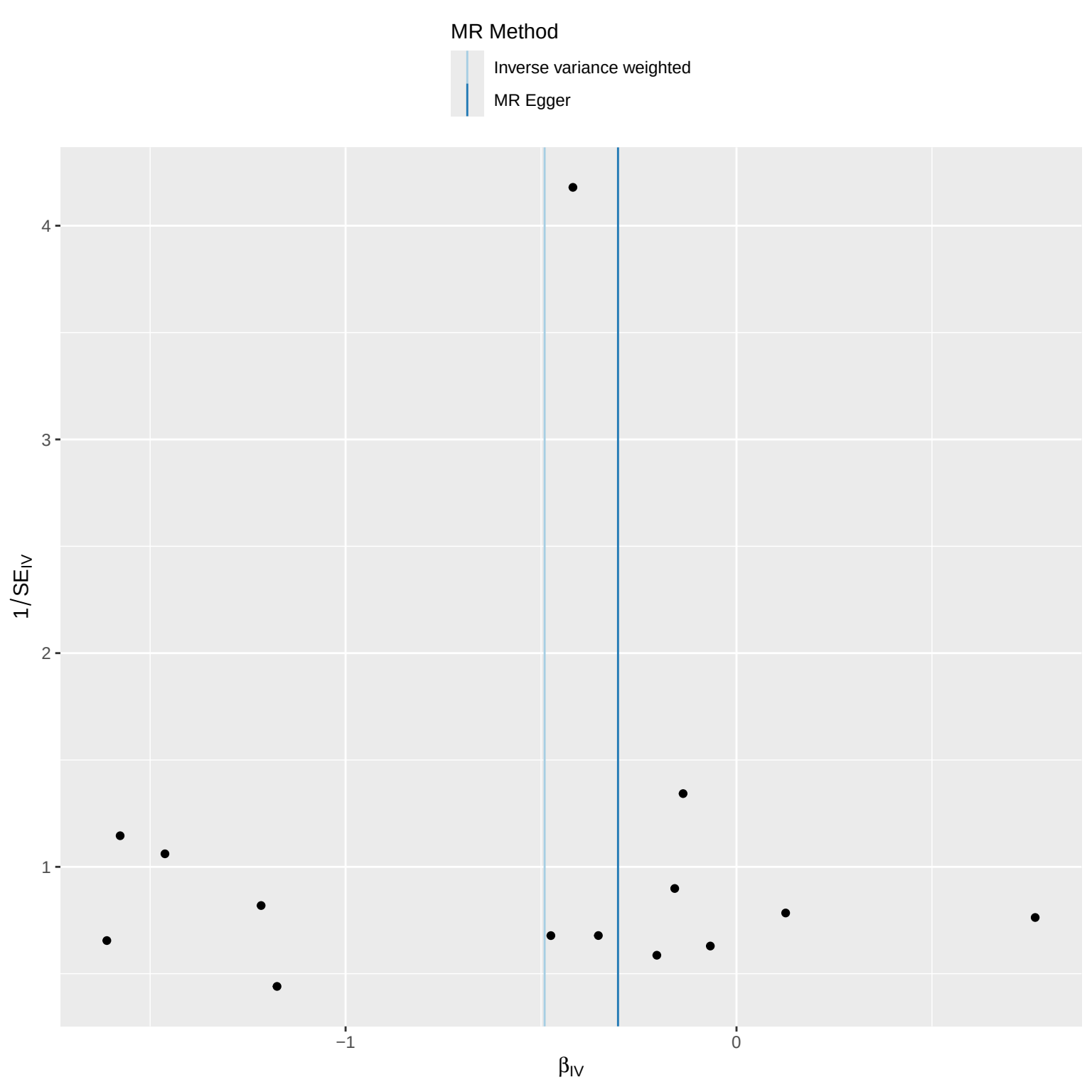

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
β_IV

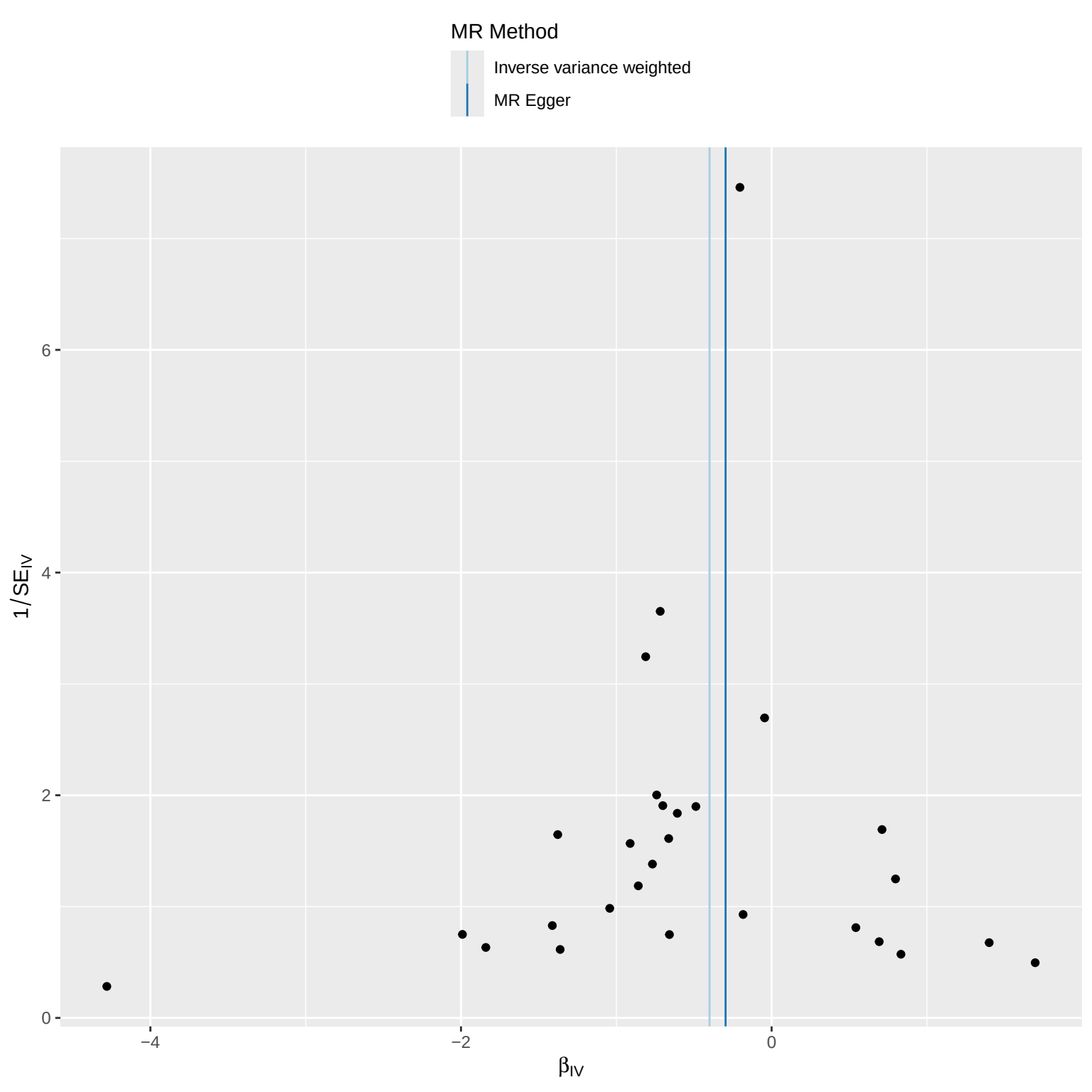

MR Method
Inverse variance weighted
MR Egger
3
2
1
$1/SE_{IV}$
−2
−1
0
1
β_{IV}

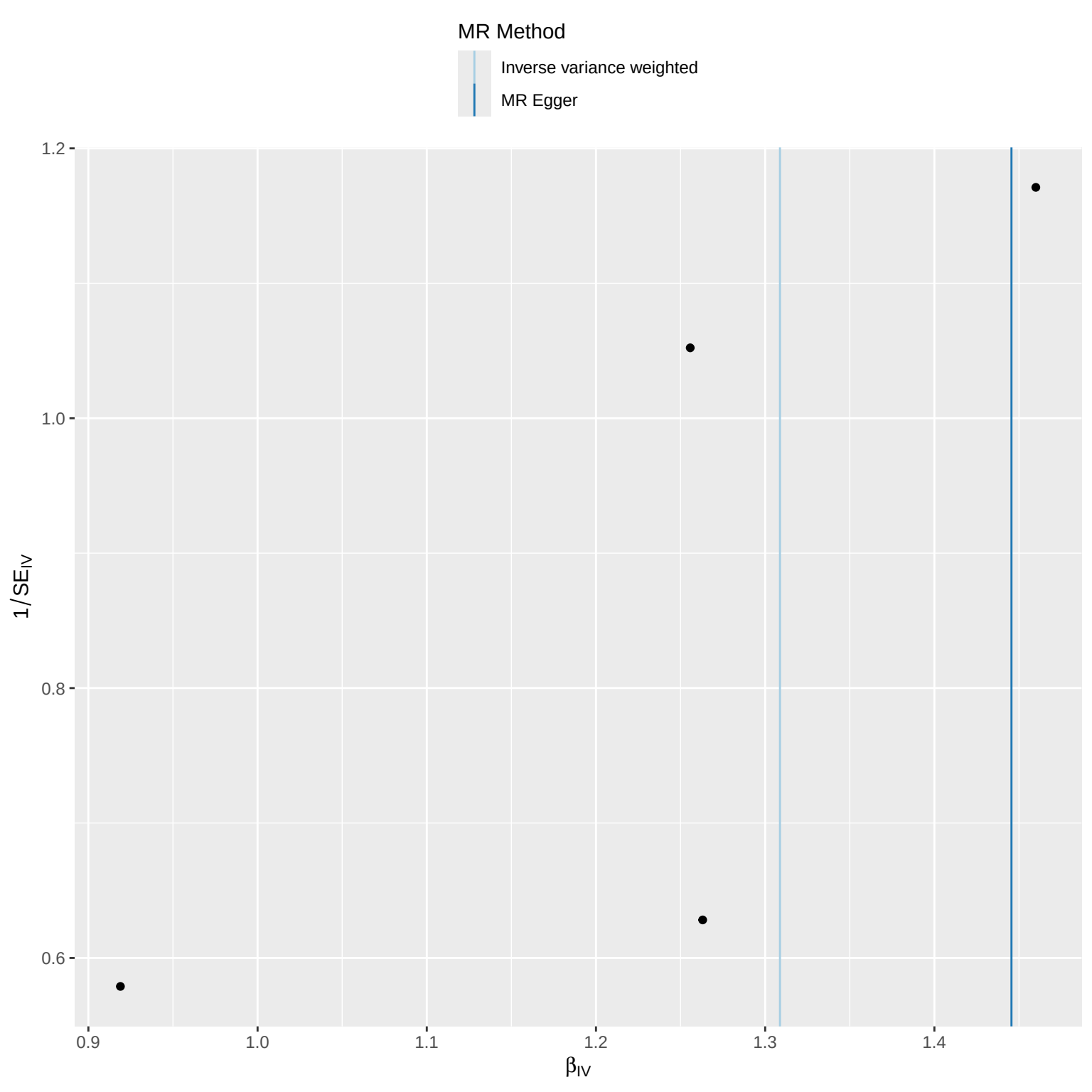

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−0.4
0.0
0.4
0.8
β_IV

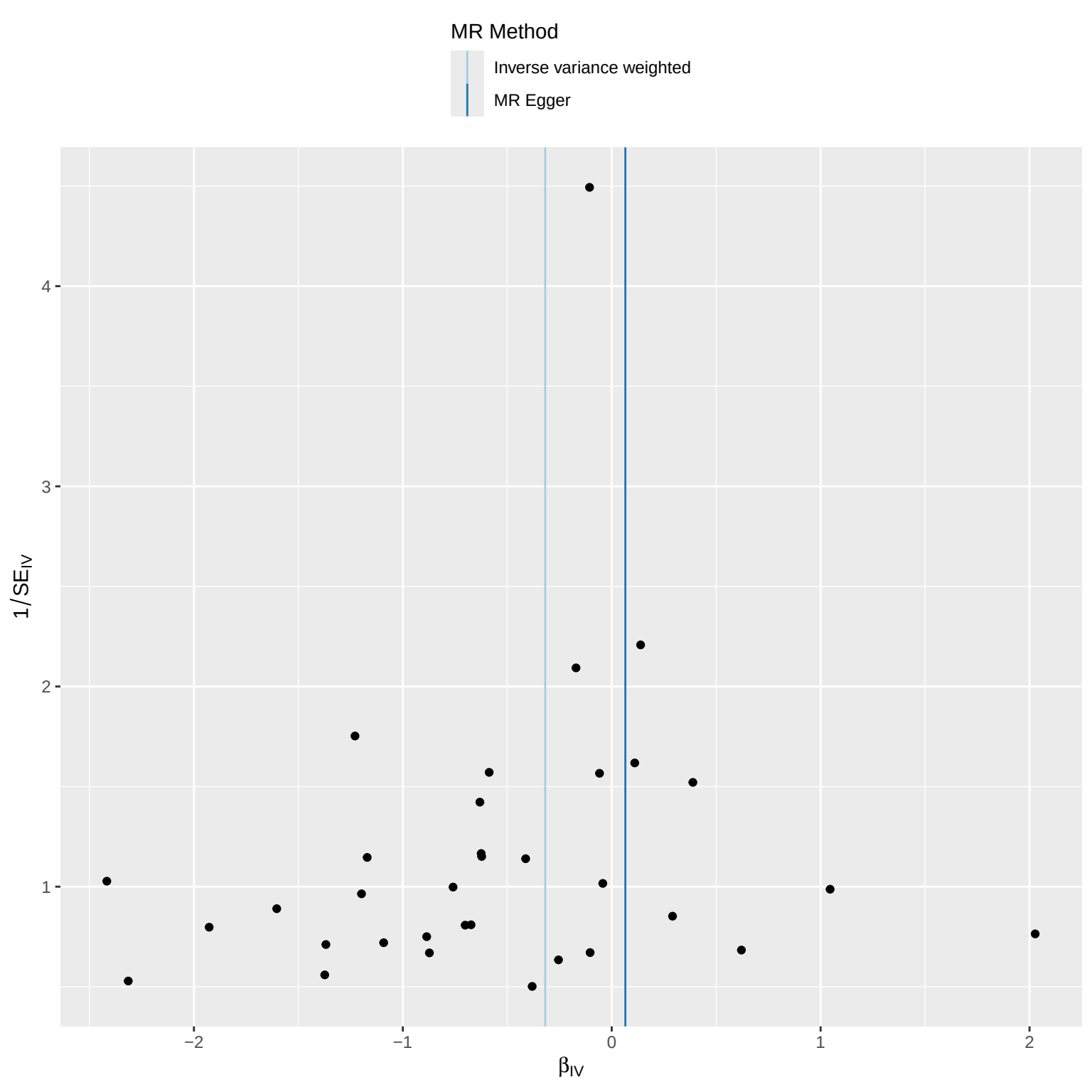

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.5
1.0
1.5
β_IV

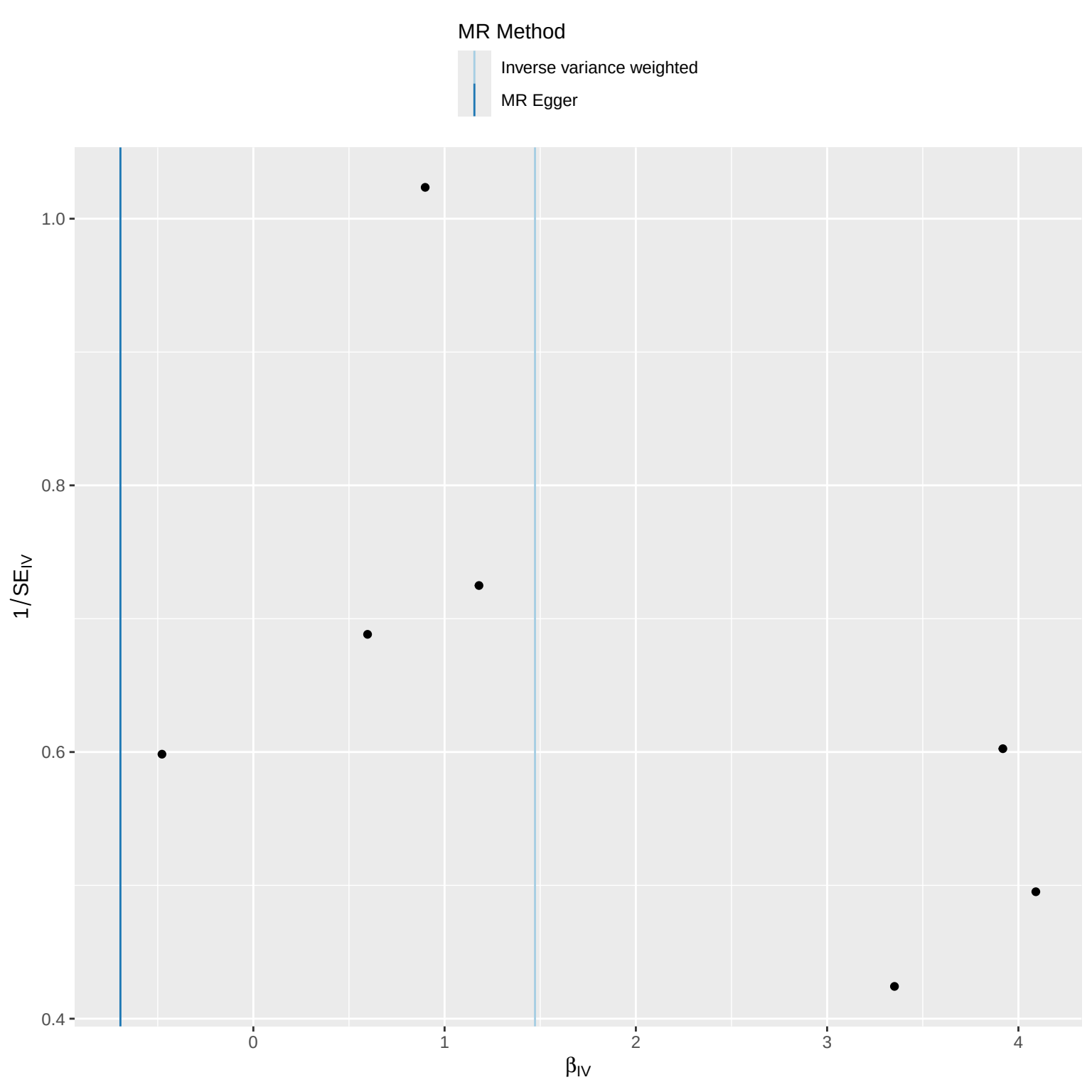

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
3
β_IV

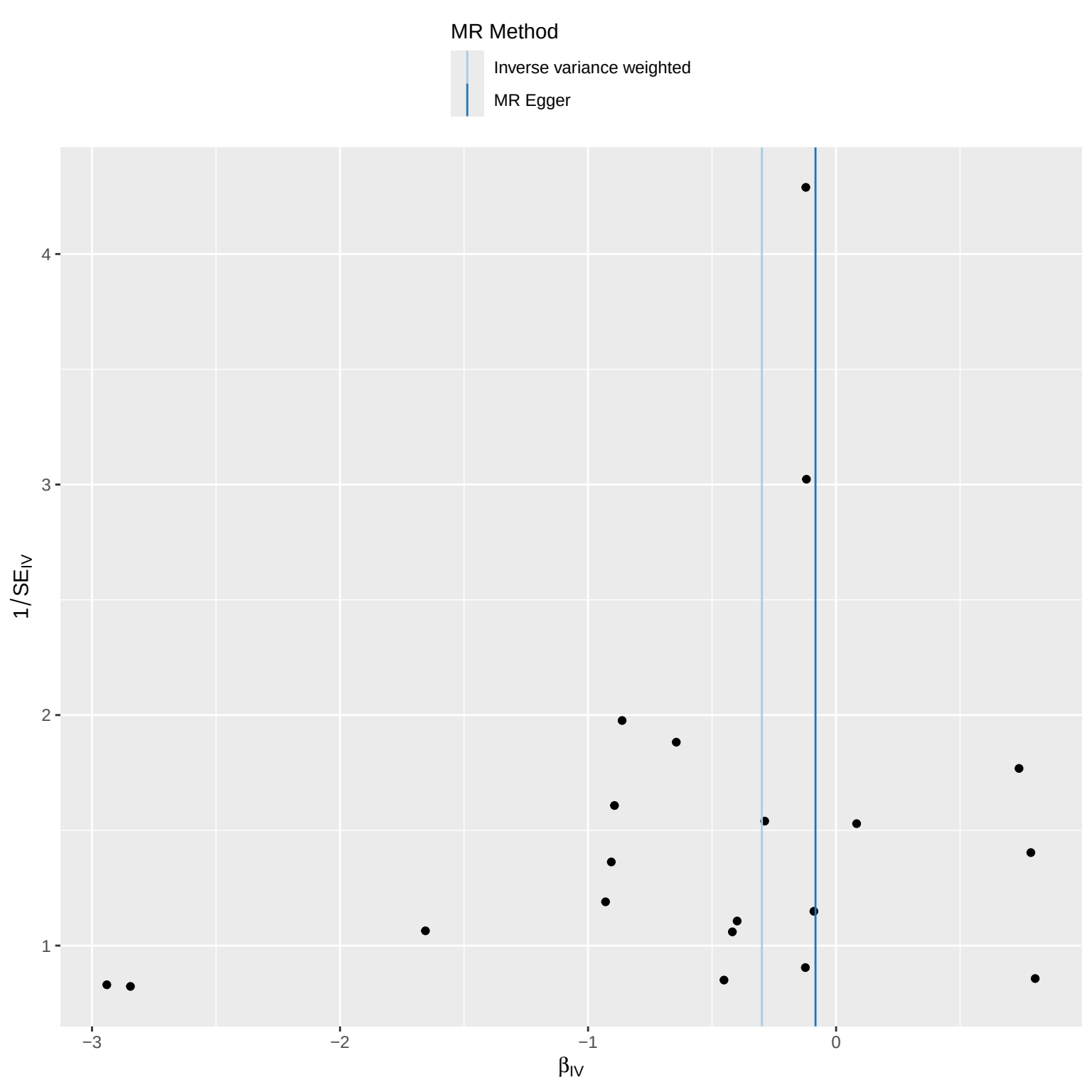

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
β_IV

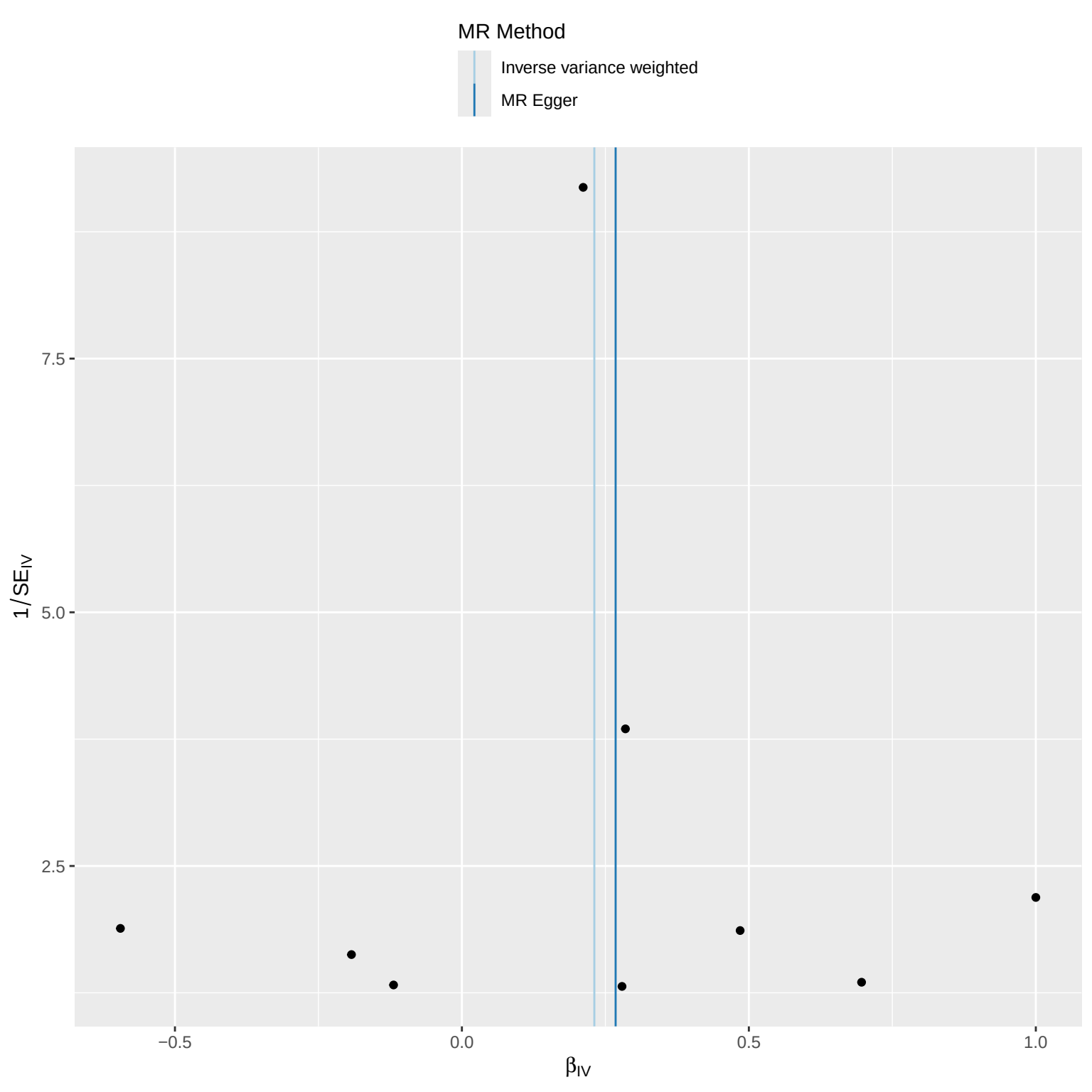

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−4
−2
0
β_IV

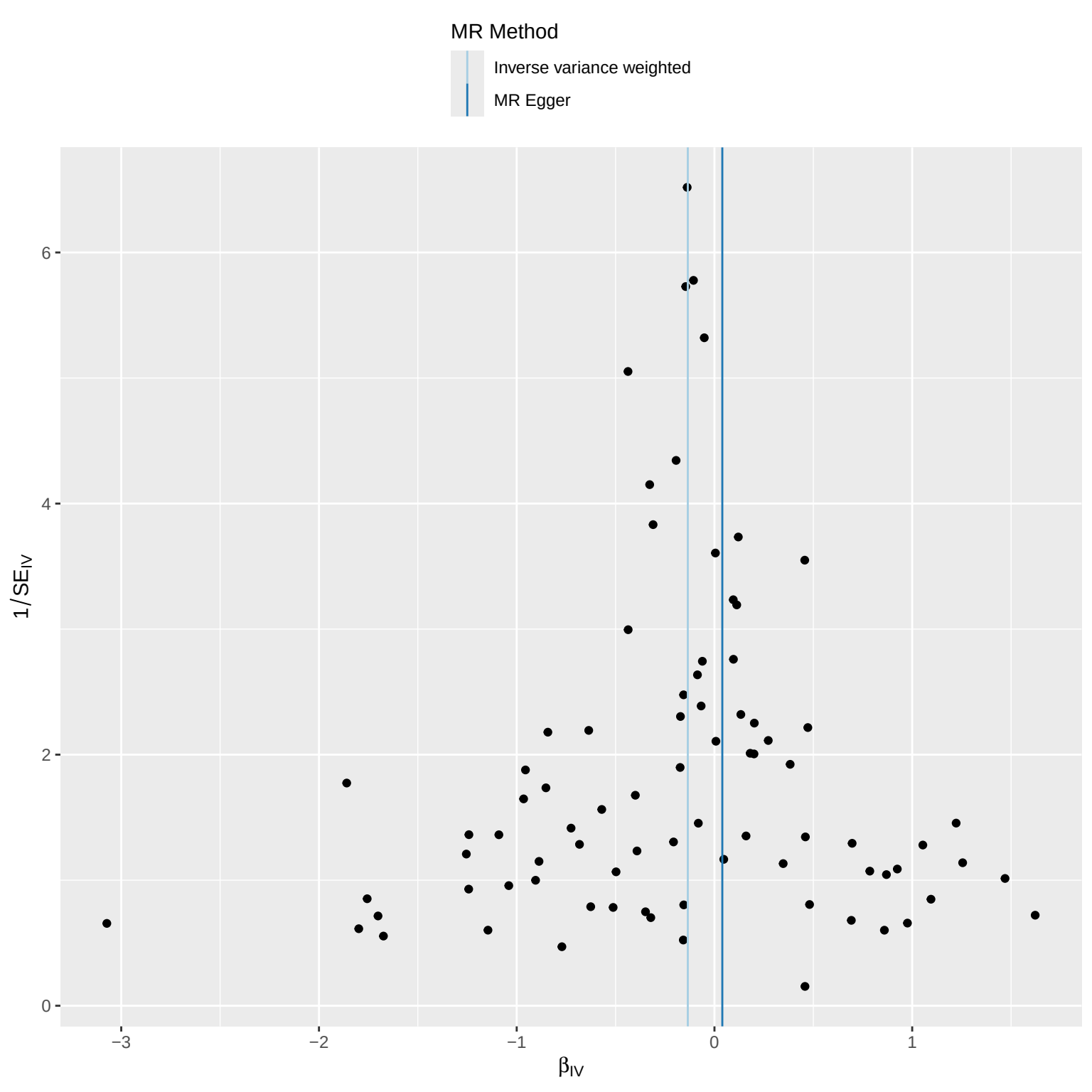

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
0.9
1.0
1.1
1.2
1.3
1.4
β_IV

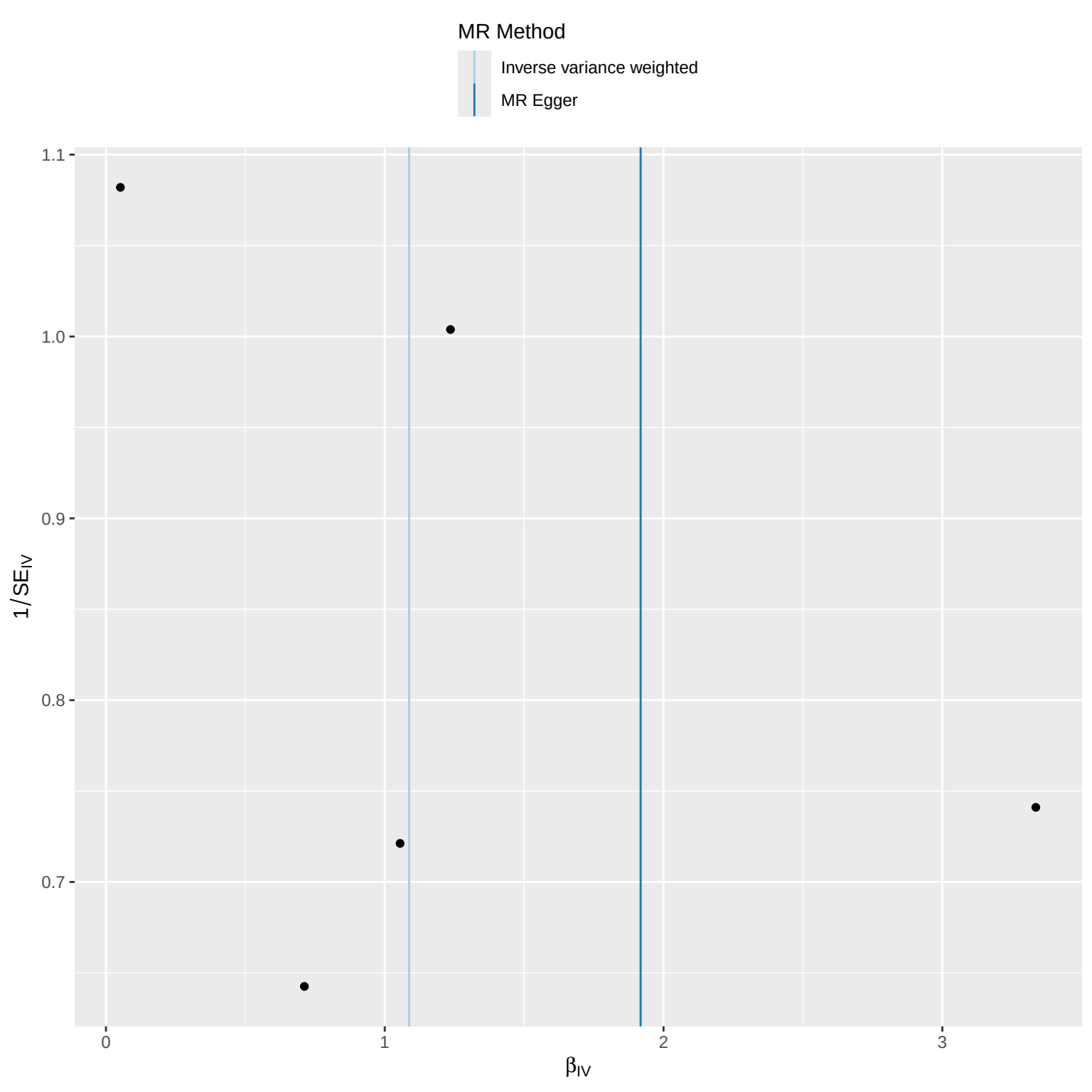

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

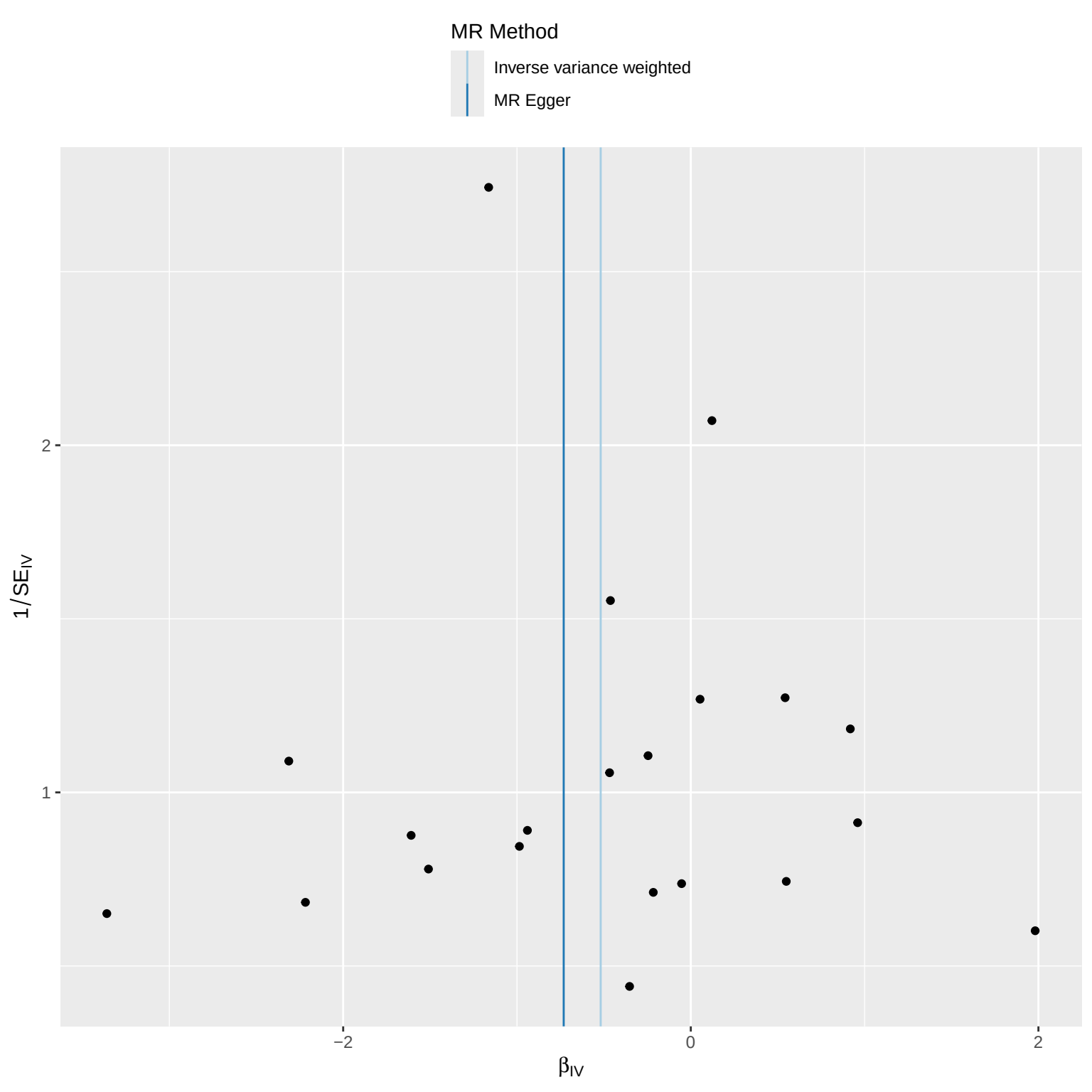

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
0.4
1/SE_IV
0
1
2
3
4
β_IV

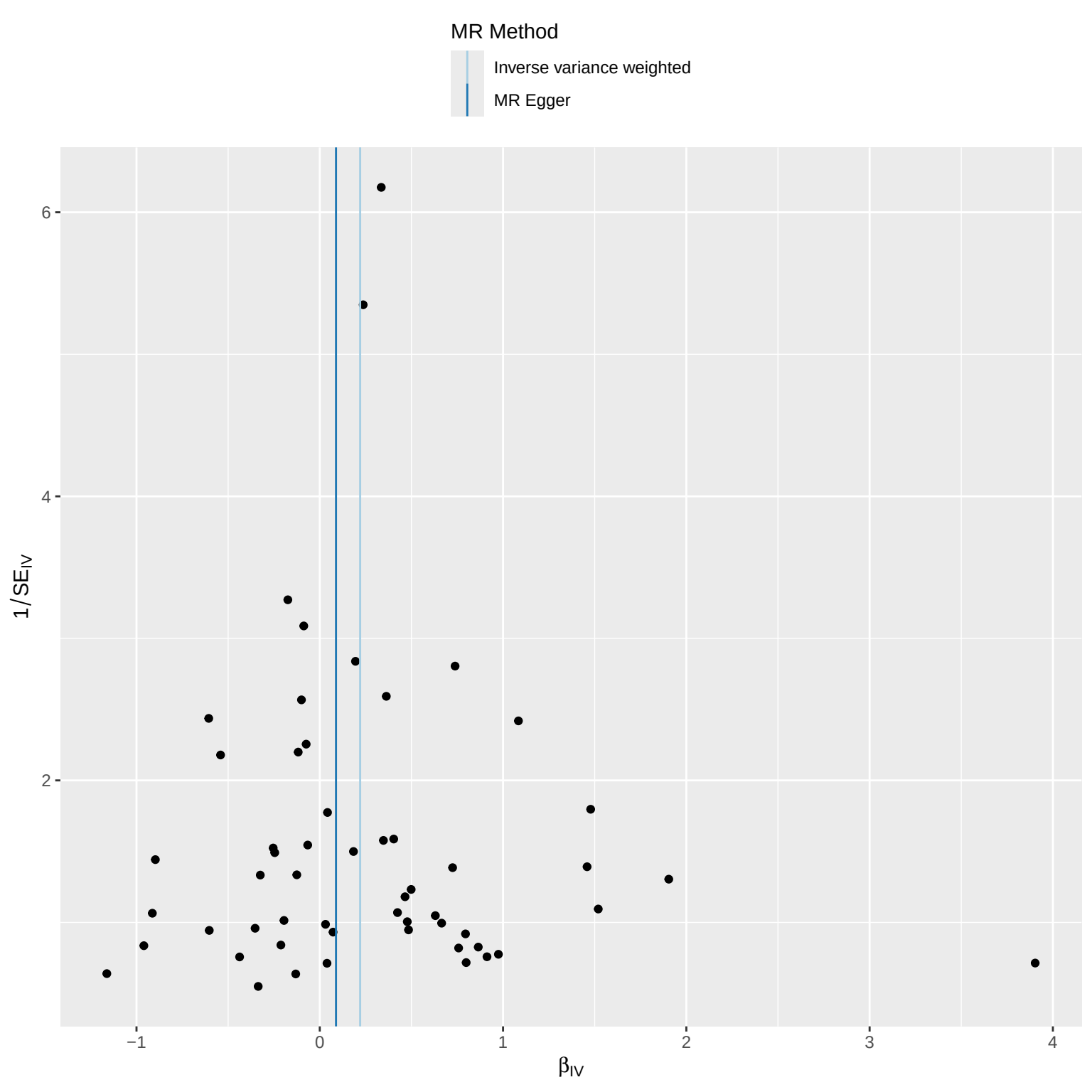

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−3
−2
−1
0
β_IV

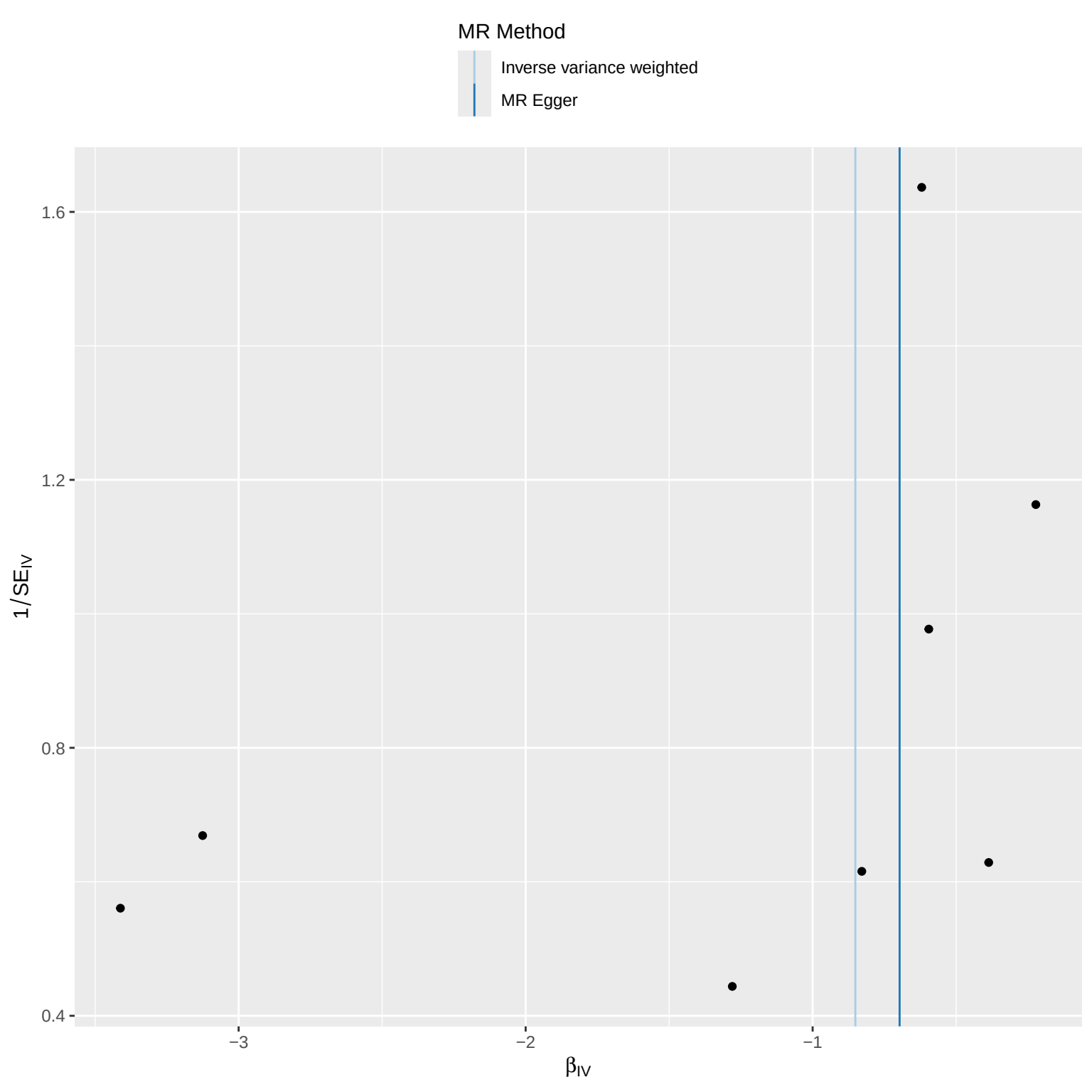

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

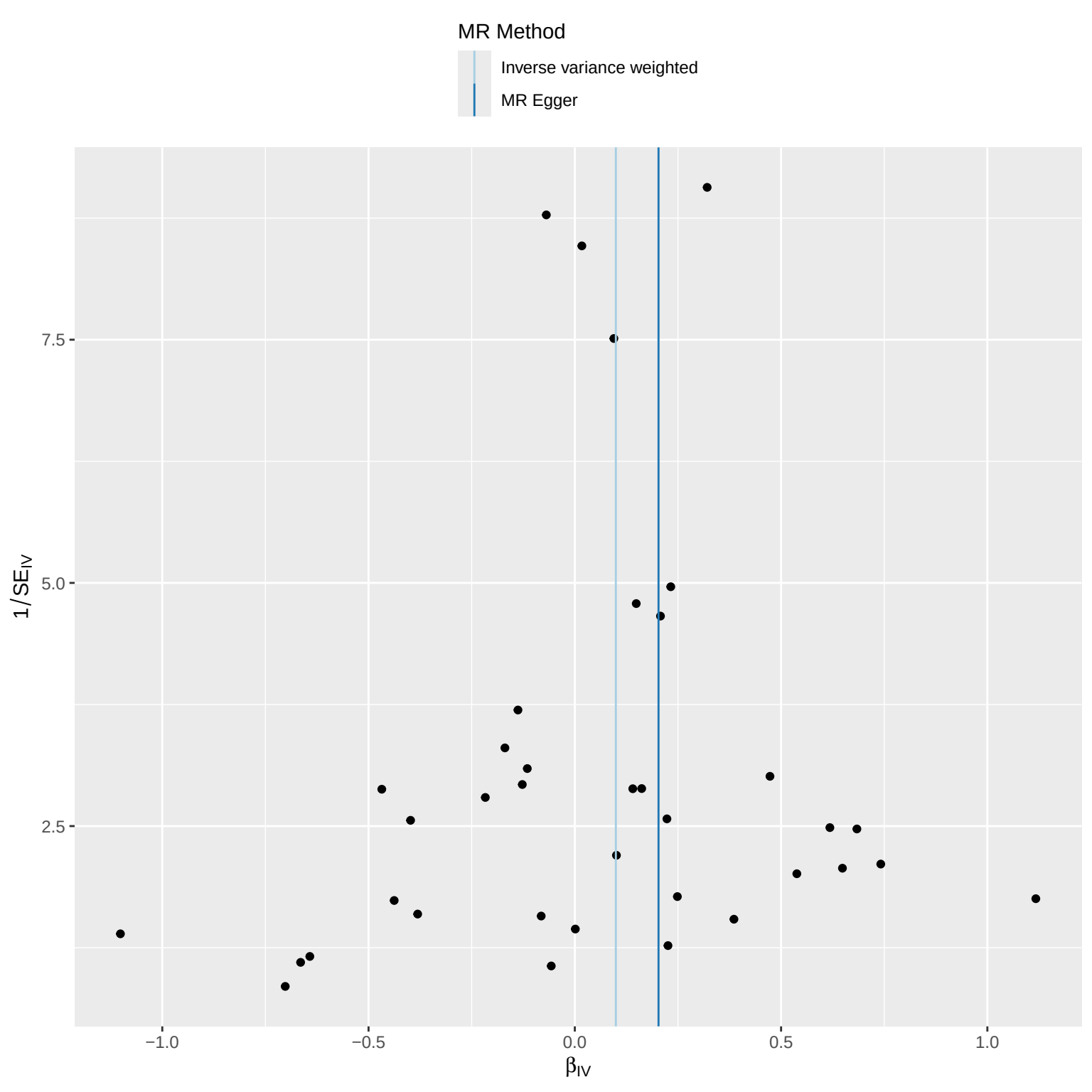

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−3
−2
−1
0
1
β_IV

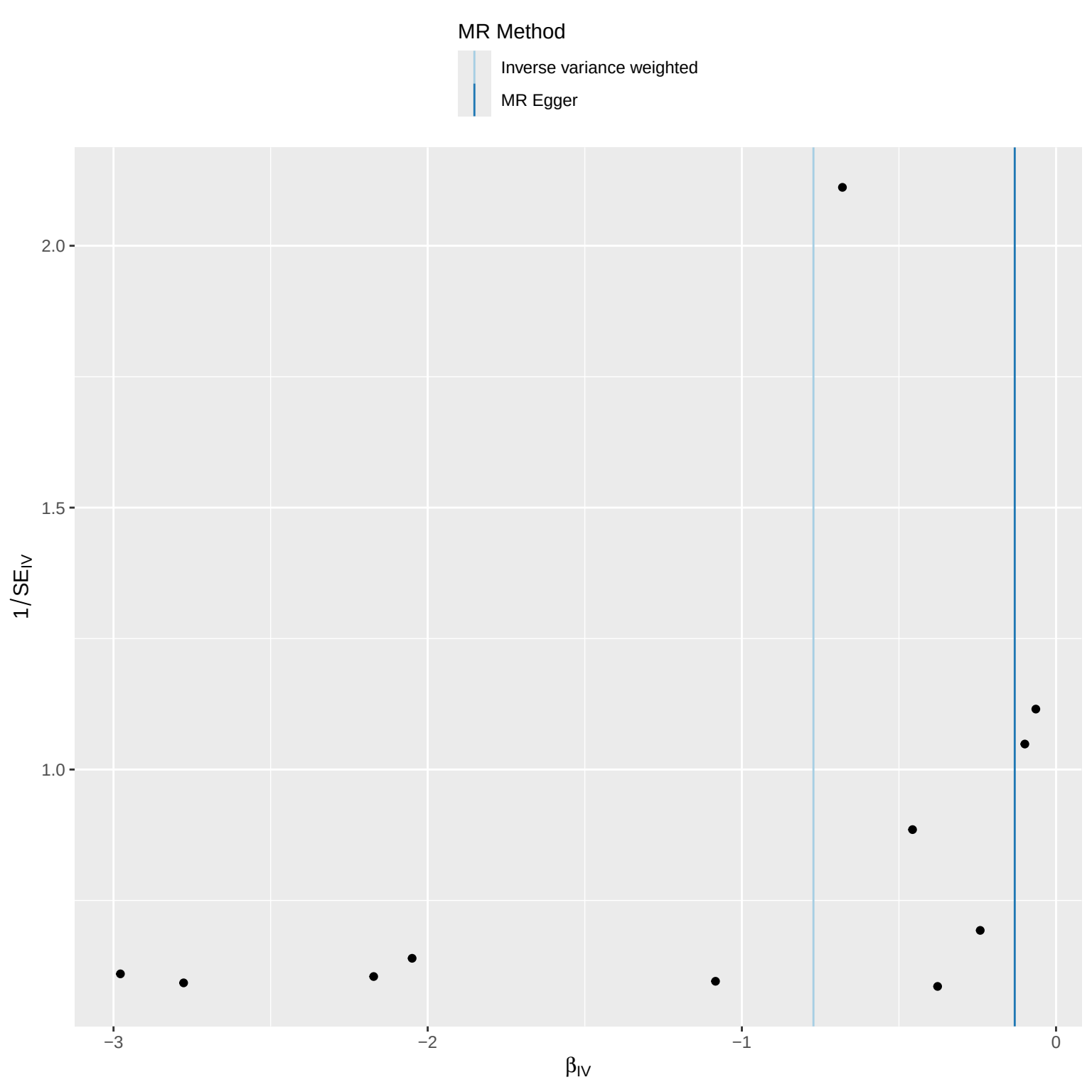

MR Method
Inverse variance weighted
MR Egger
1.1
1.0
0.9
0.8
0.7
1/SE_IV
0
1
2
3
β_IV

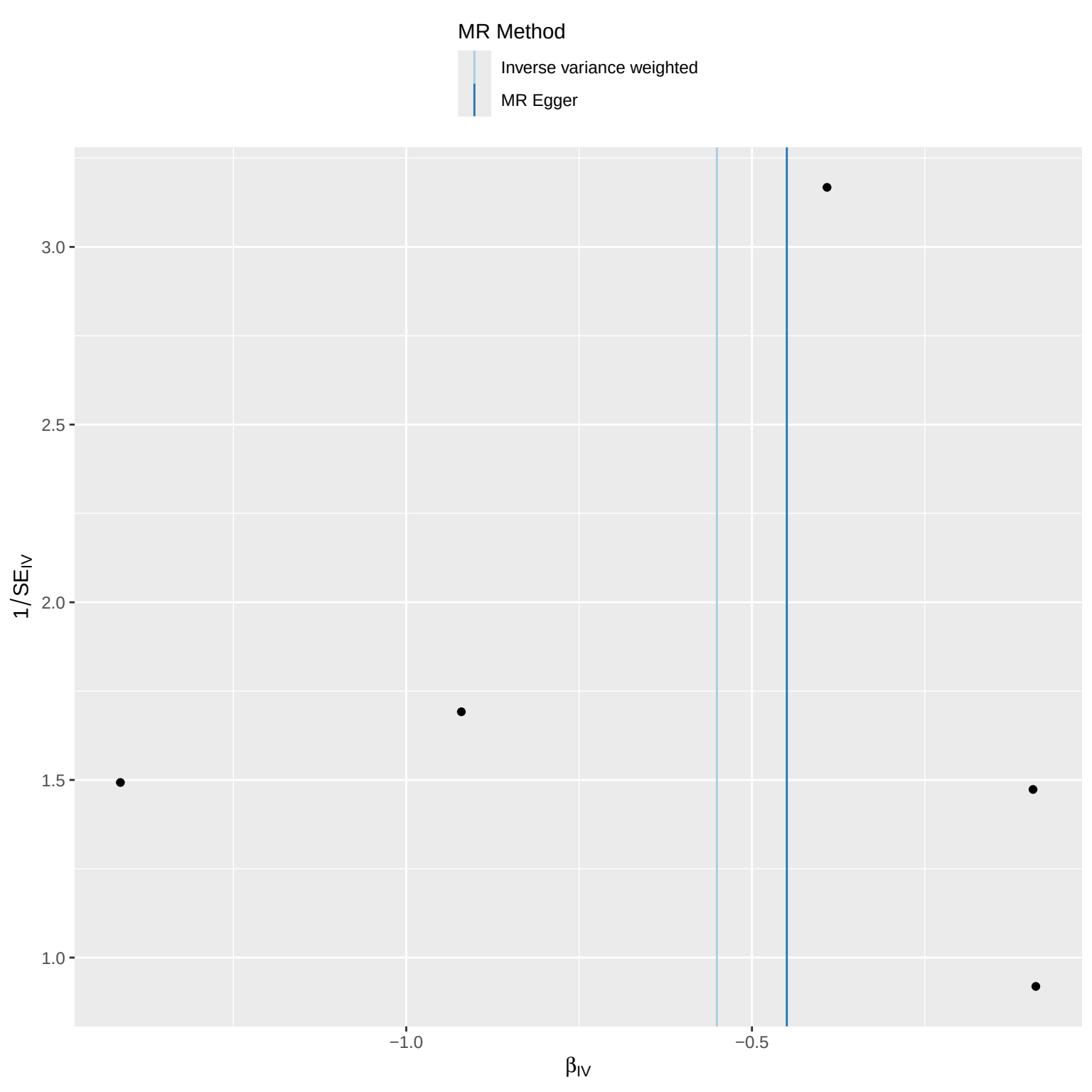

MR Method
Inverse variance weighted
MR Egger
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

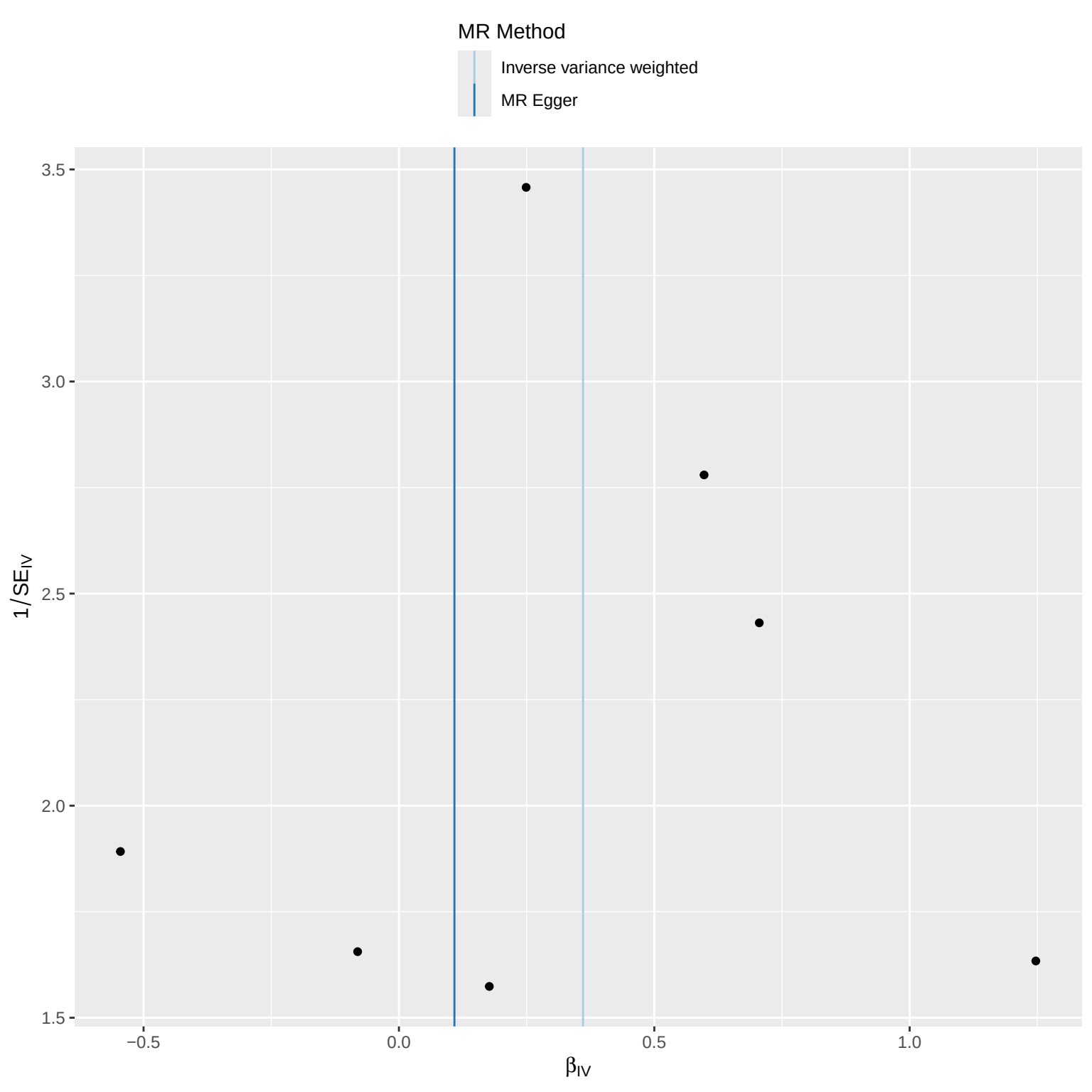

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
3
4
β_IV

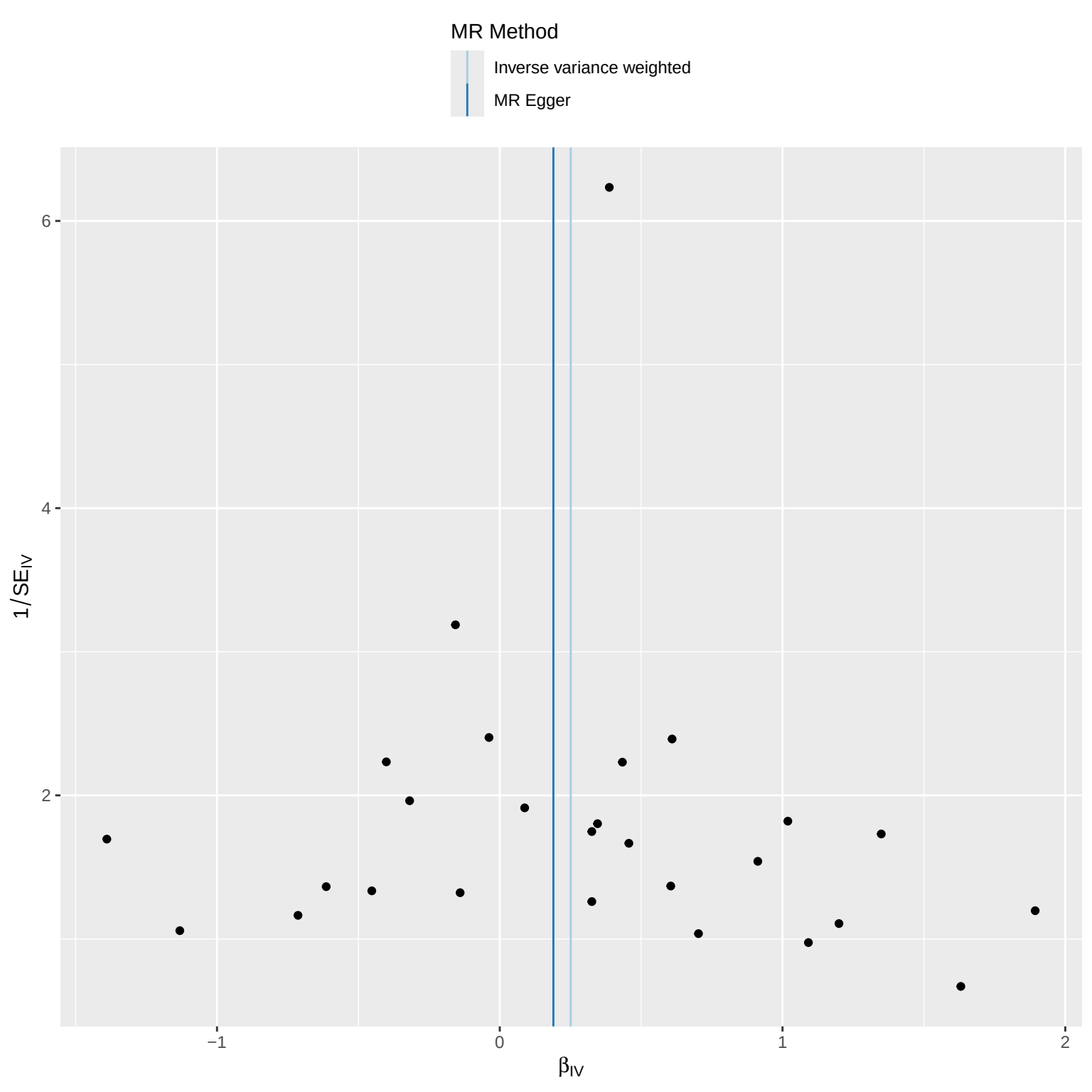

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−3
−2
−1
β_IV

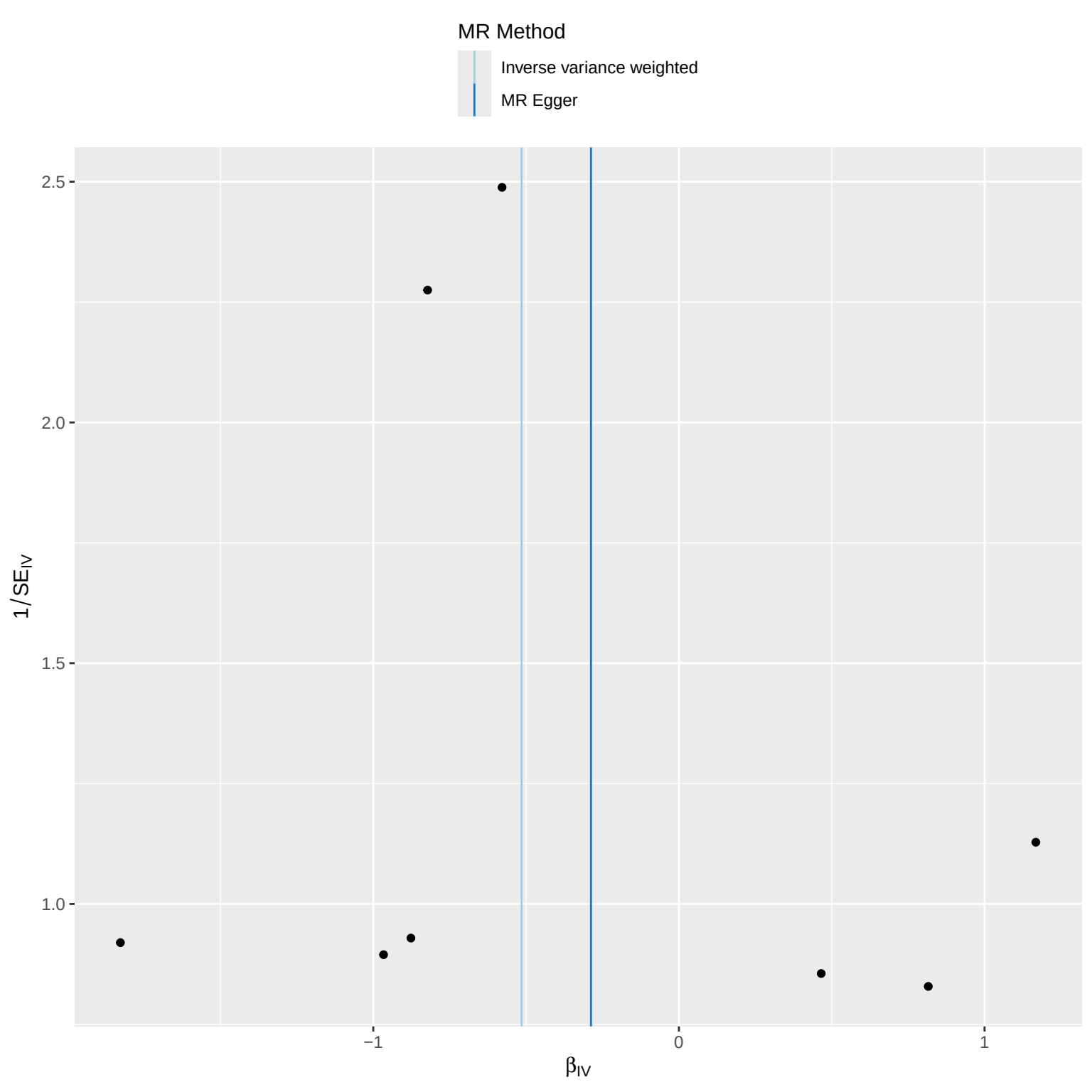

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

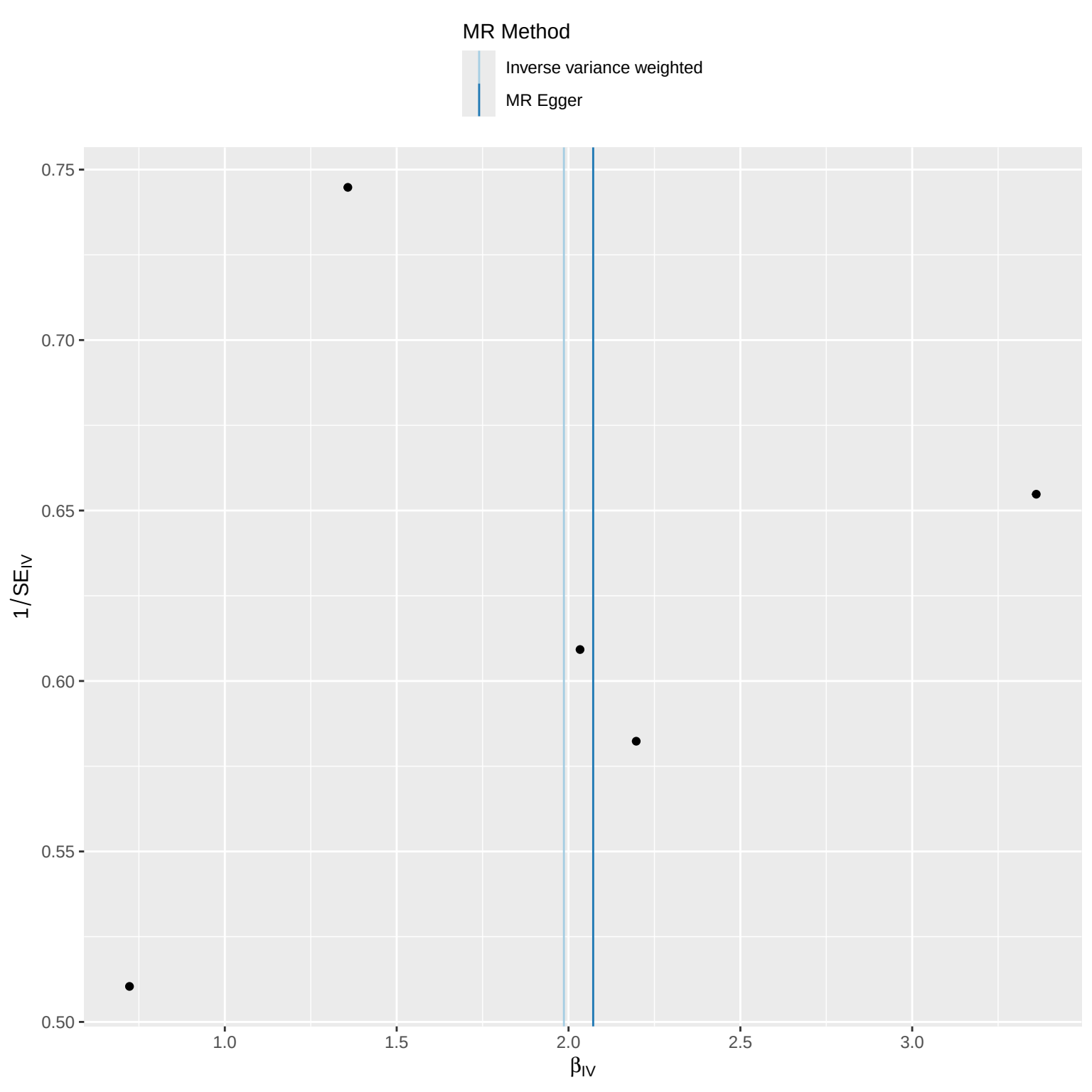

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−3
−2
−1
0
β_IV

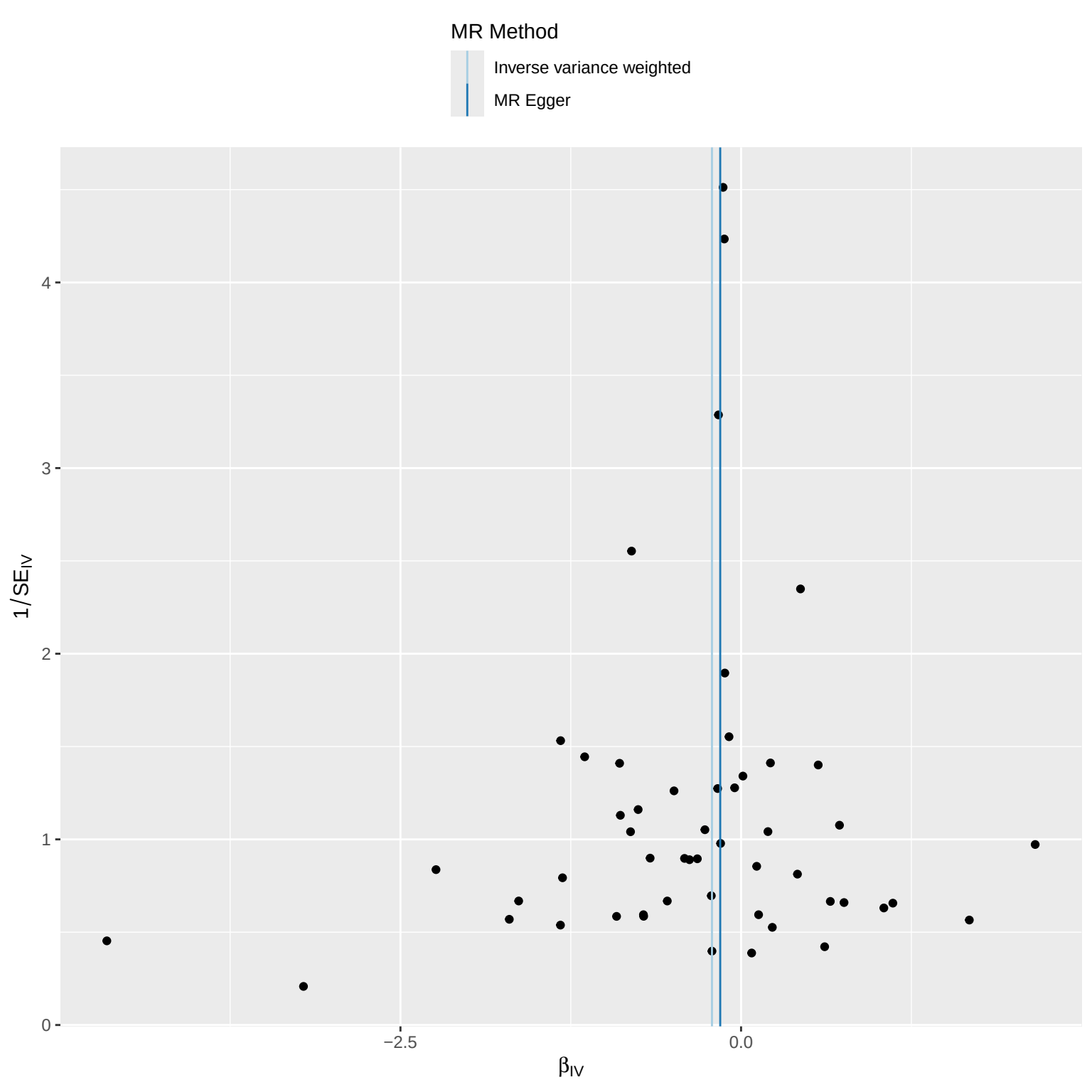

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
β_IV

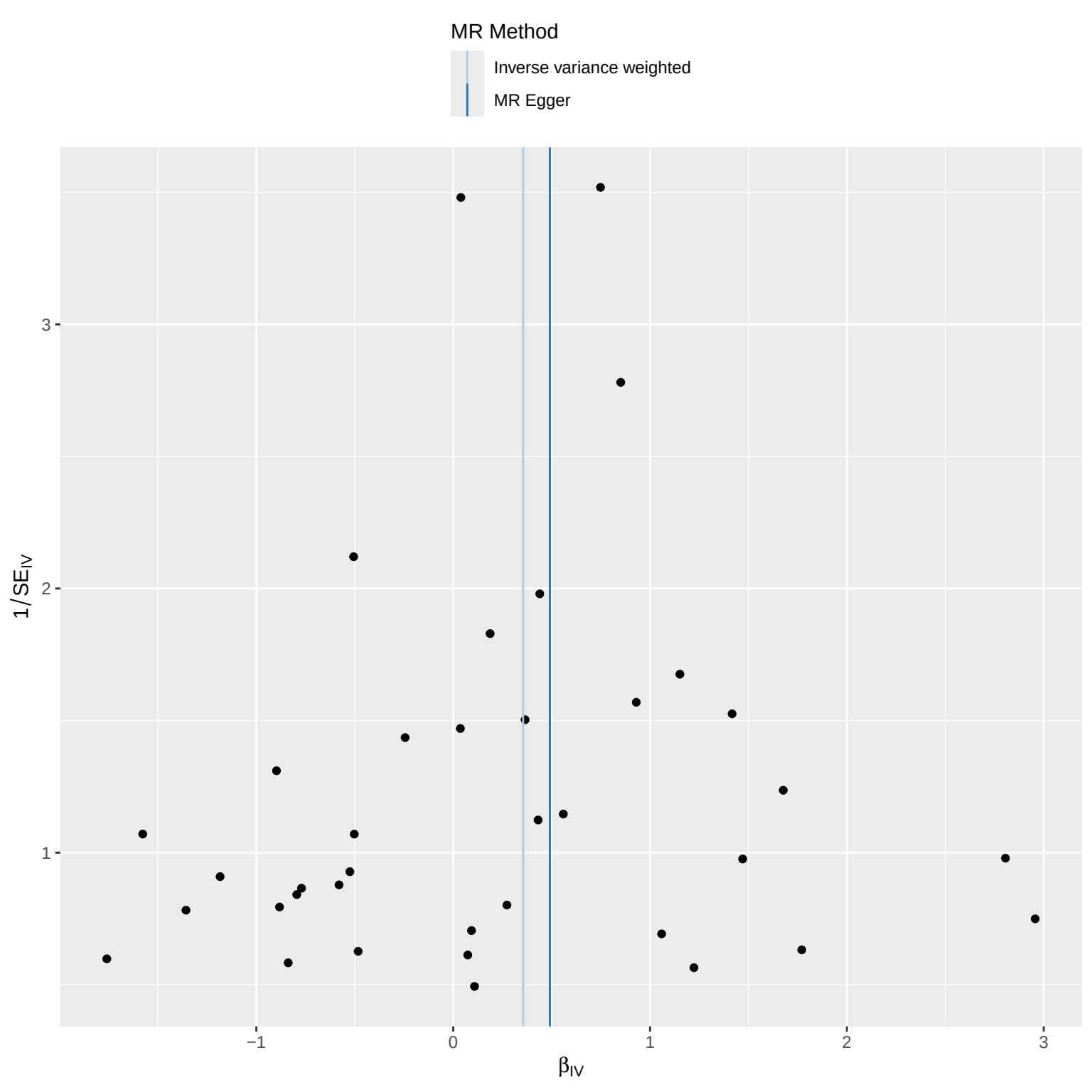

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
0.5
1.0
β_IV

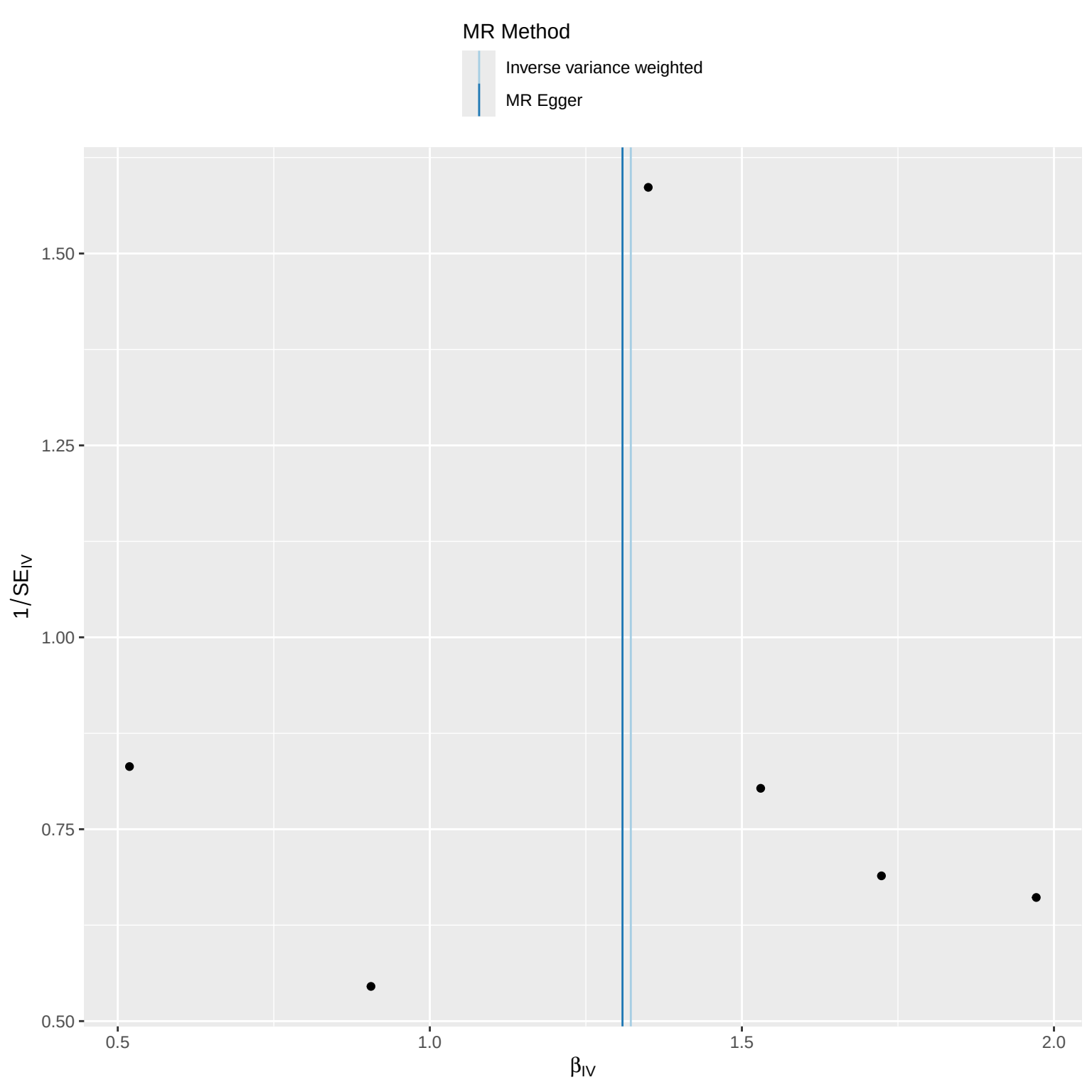

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1
0
1
2
β_IV

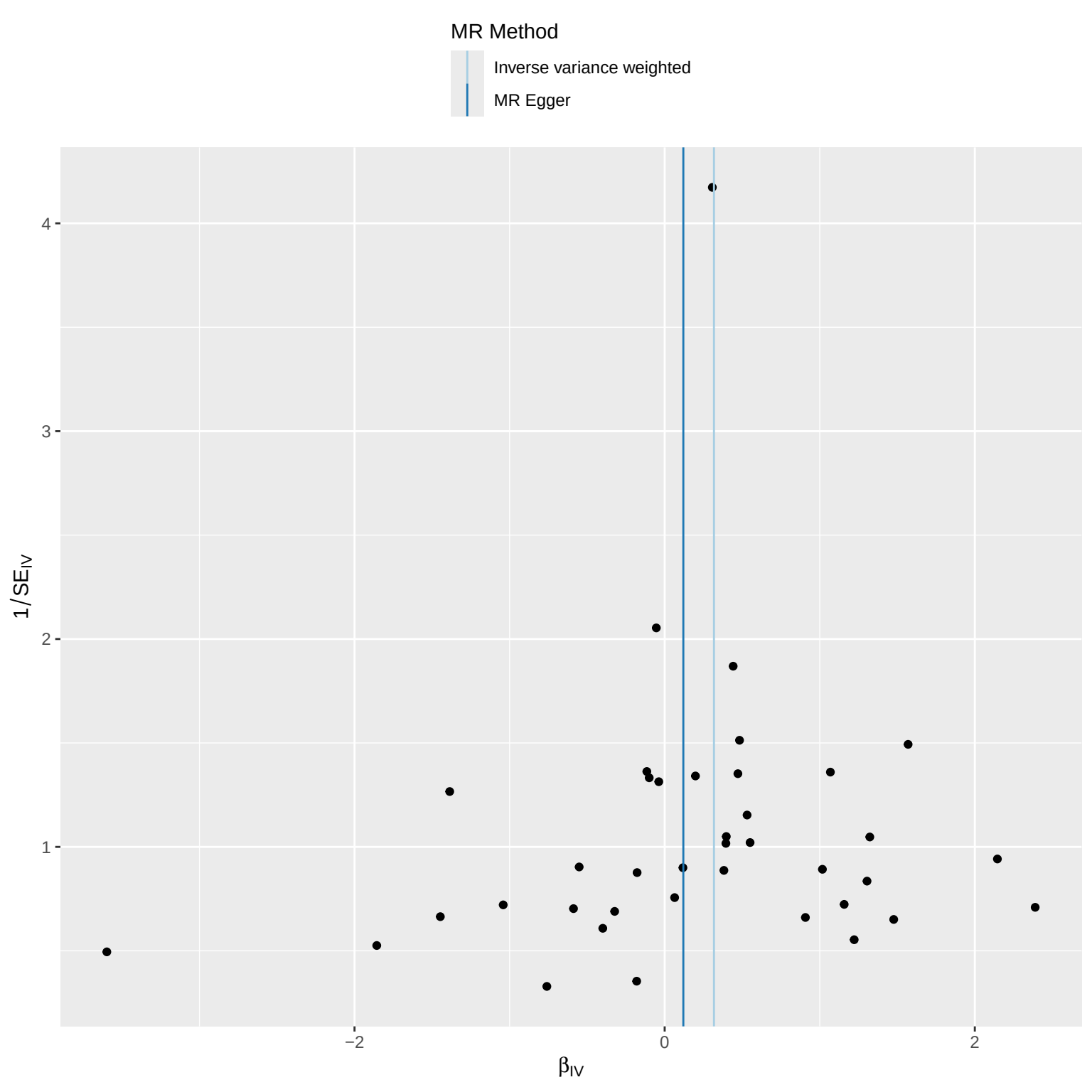

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1
0
1
β_IV

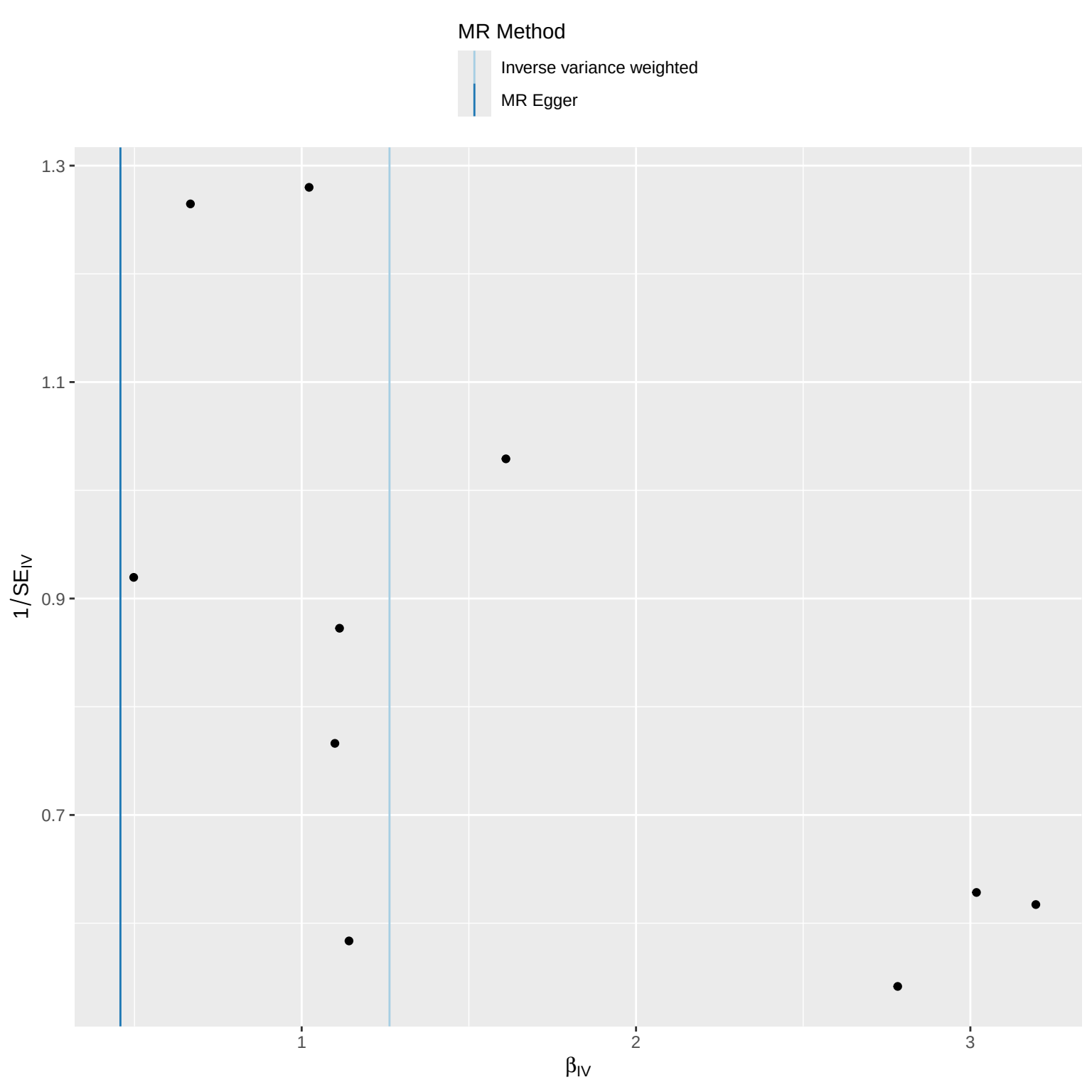

MR Method
Inverse variance weighted
MR Egger
0.75
0.70
0.65
0.60
0.55
0.50
1/SE_IV
1.0
1.5
2.0
2.5
3.0
β_IV

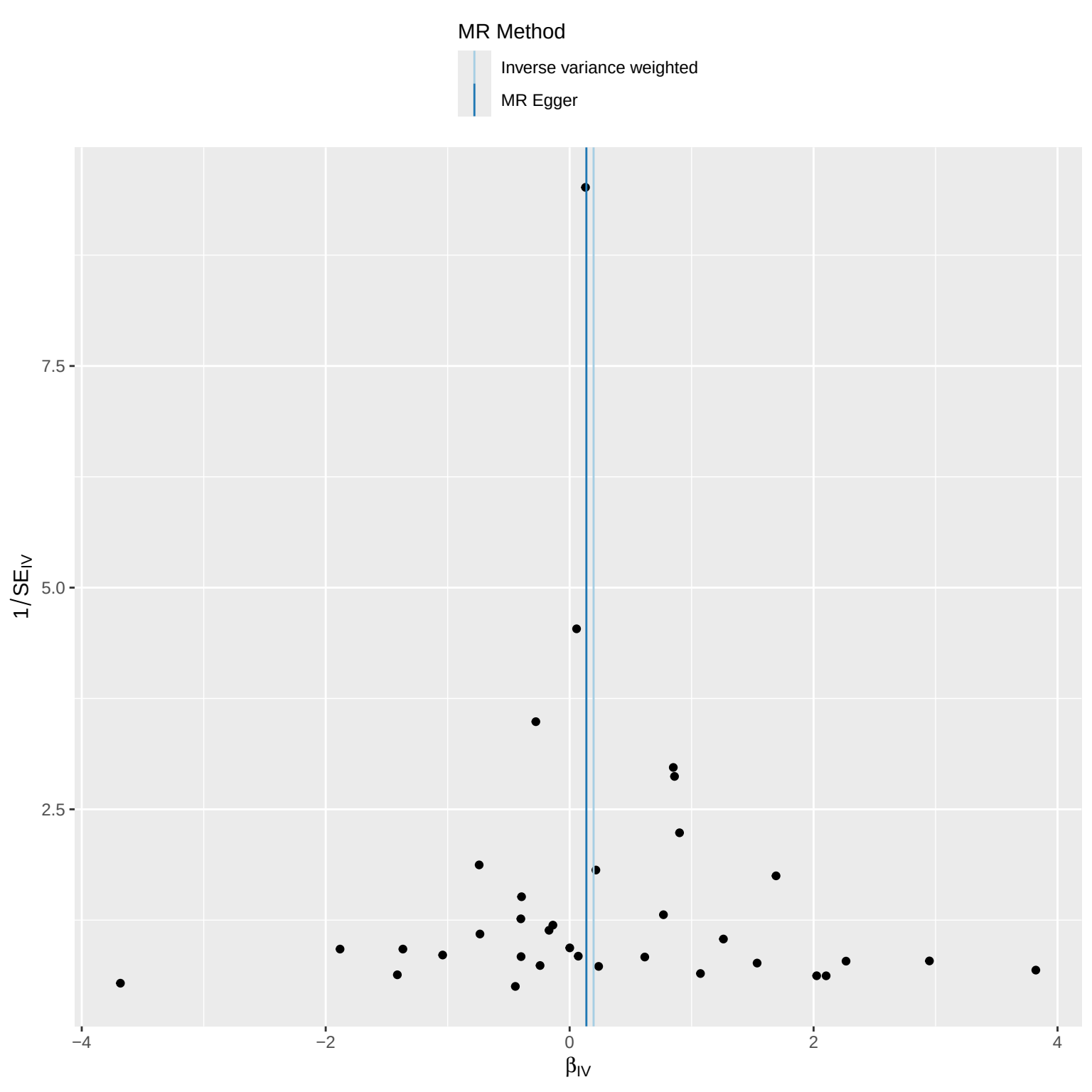

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
0
1/SE_IV
−2.5
0.0
β_IV

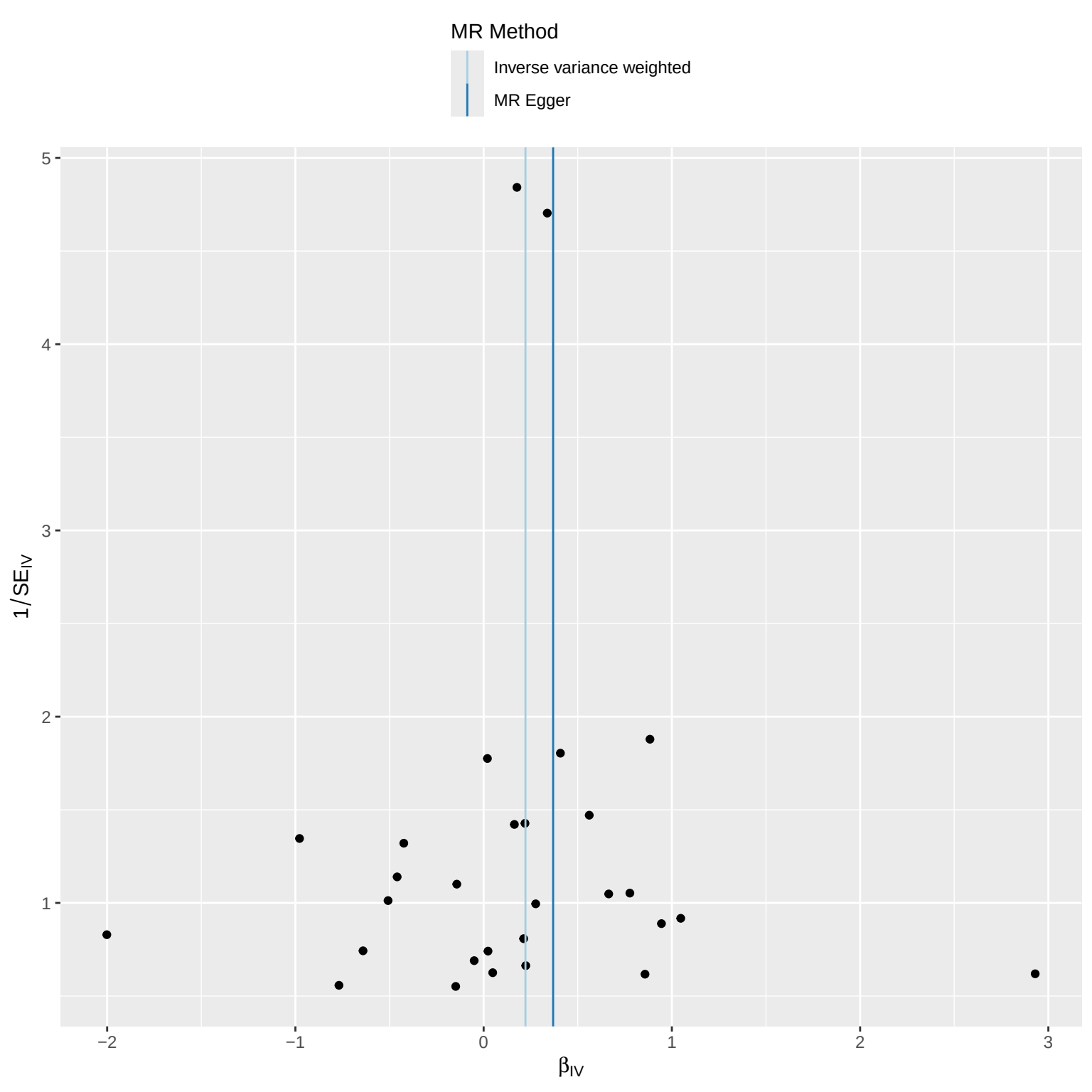

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
3
β_IV

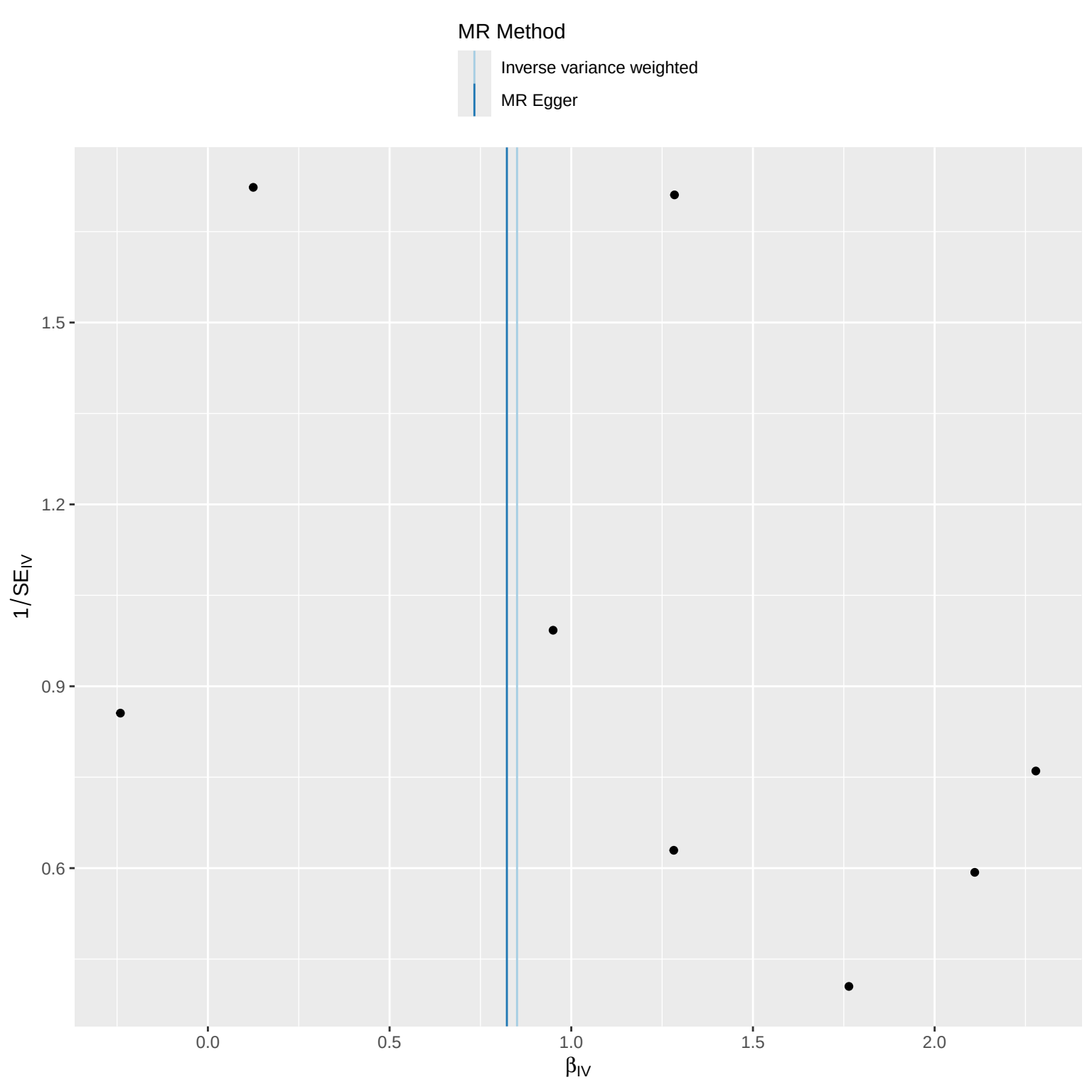

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

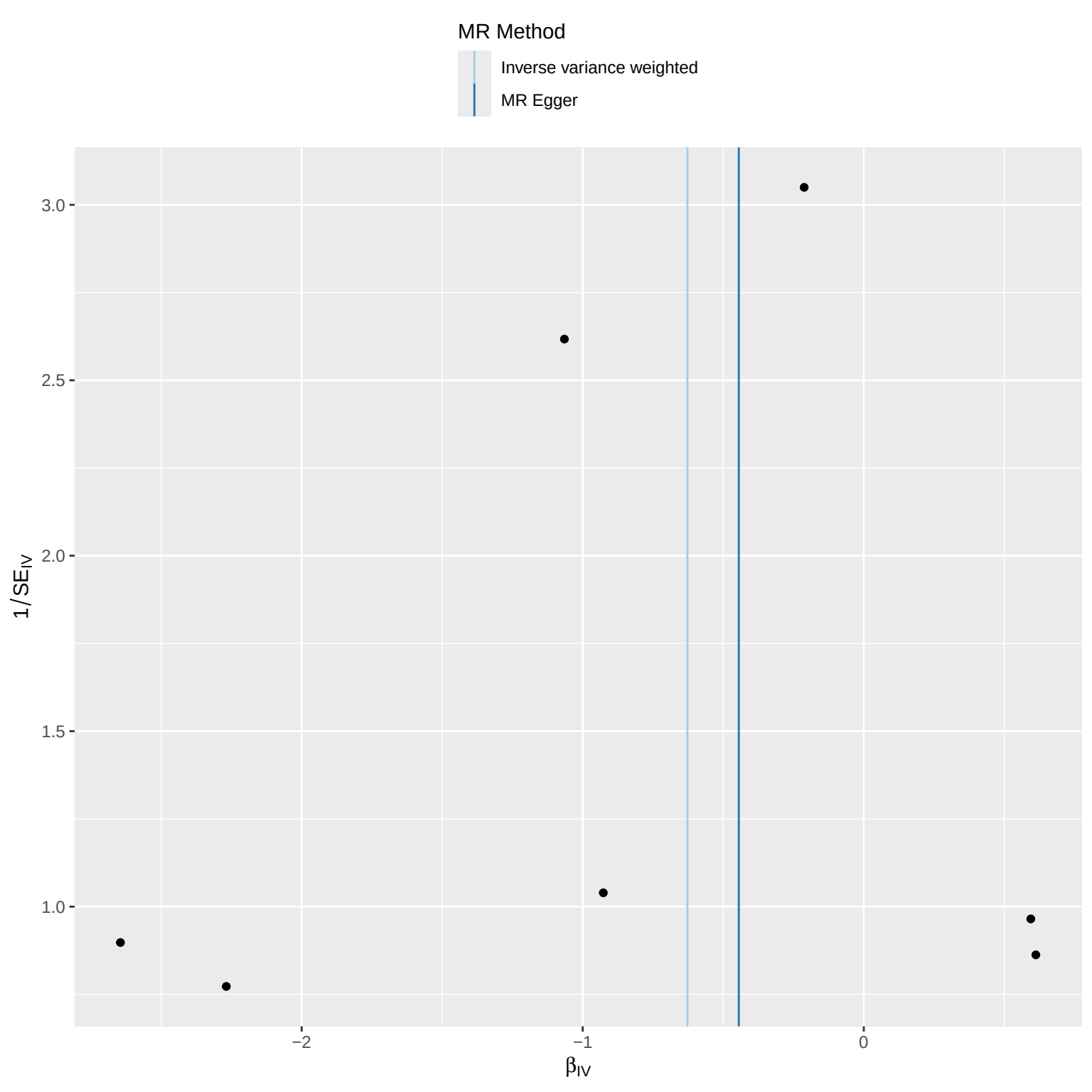

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

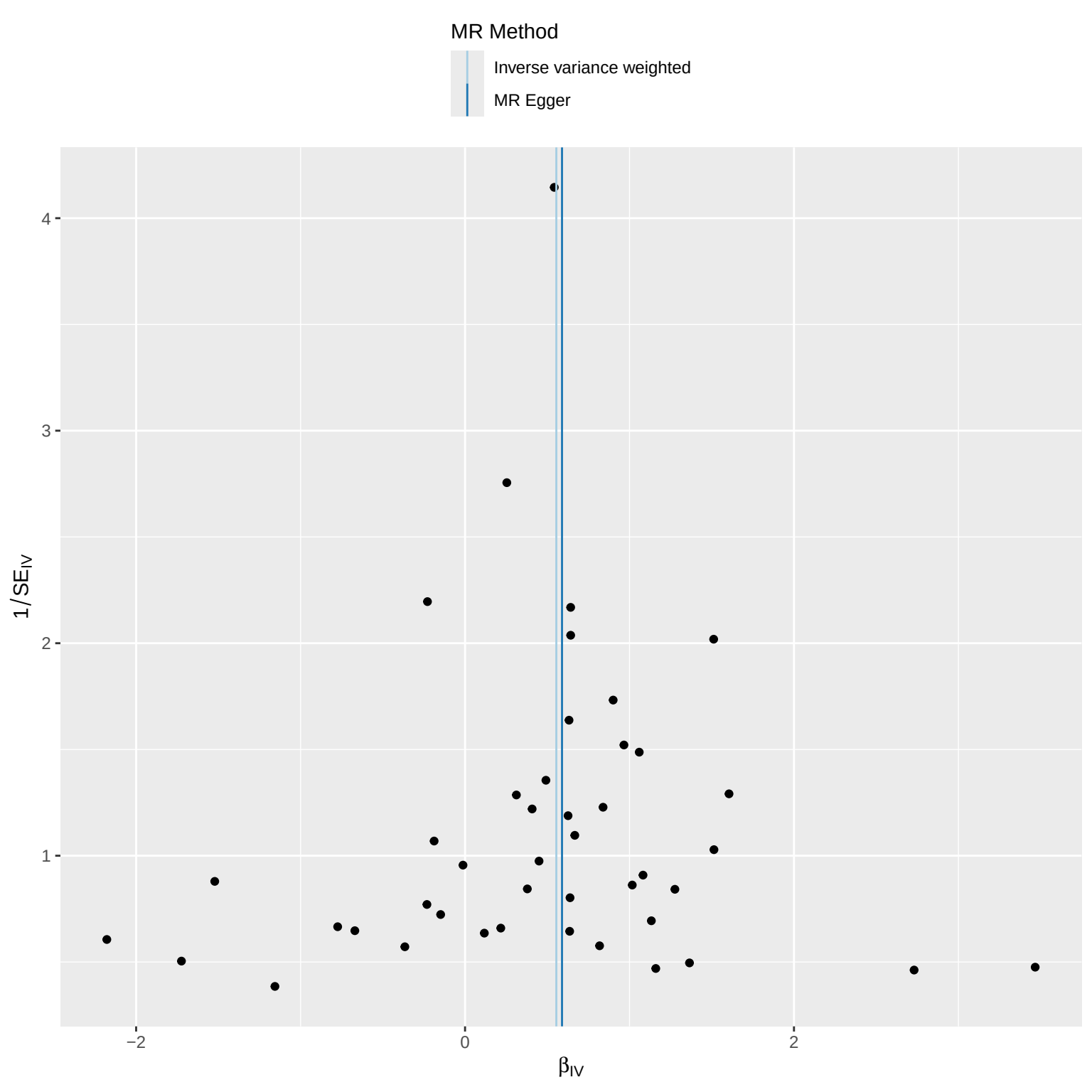

MR Method
Inverse variance weighted
MR Egger
1.3
1.1
0.9
0.7
1/SE_IV
1
2
3
β_IV

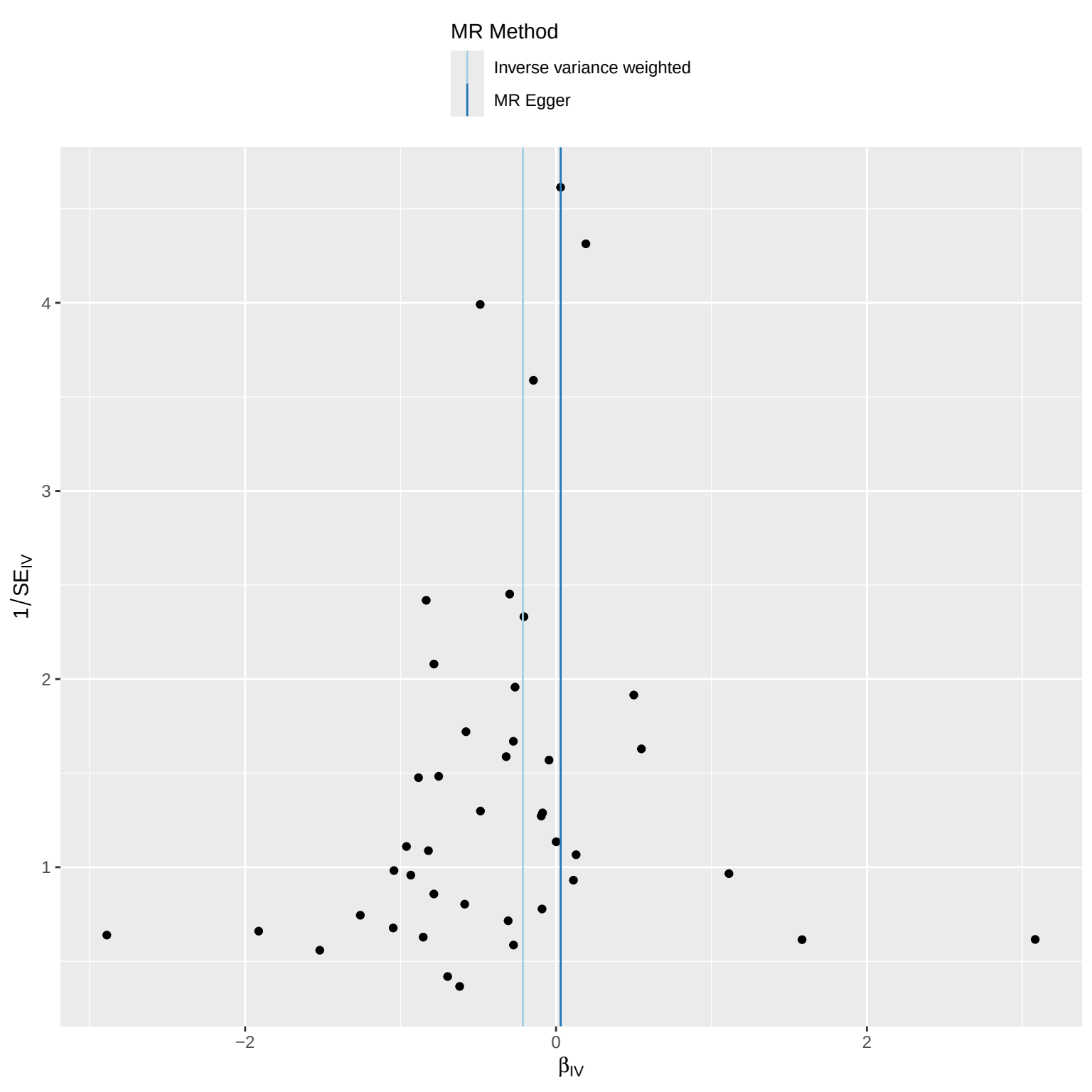

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−4
−2
0
2
4
β_IV

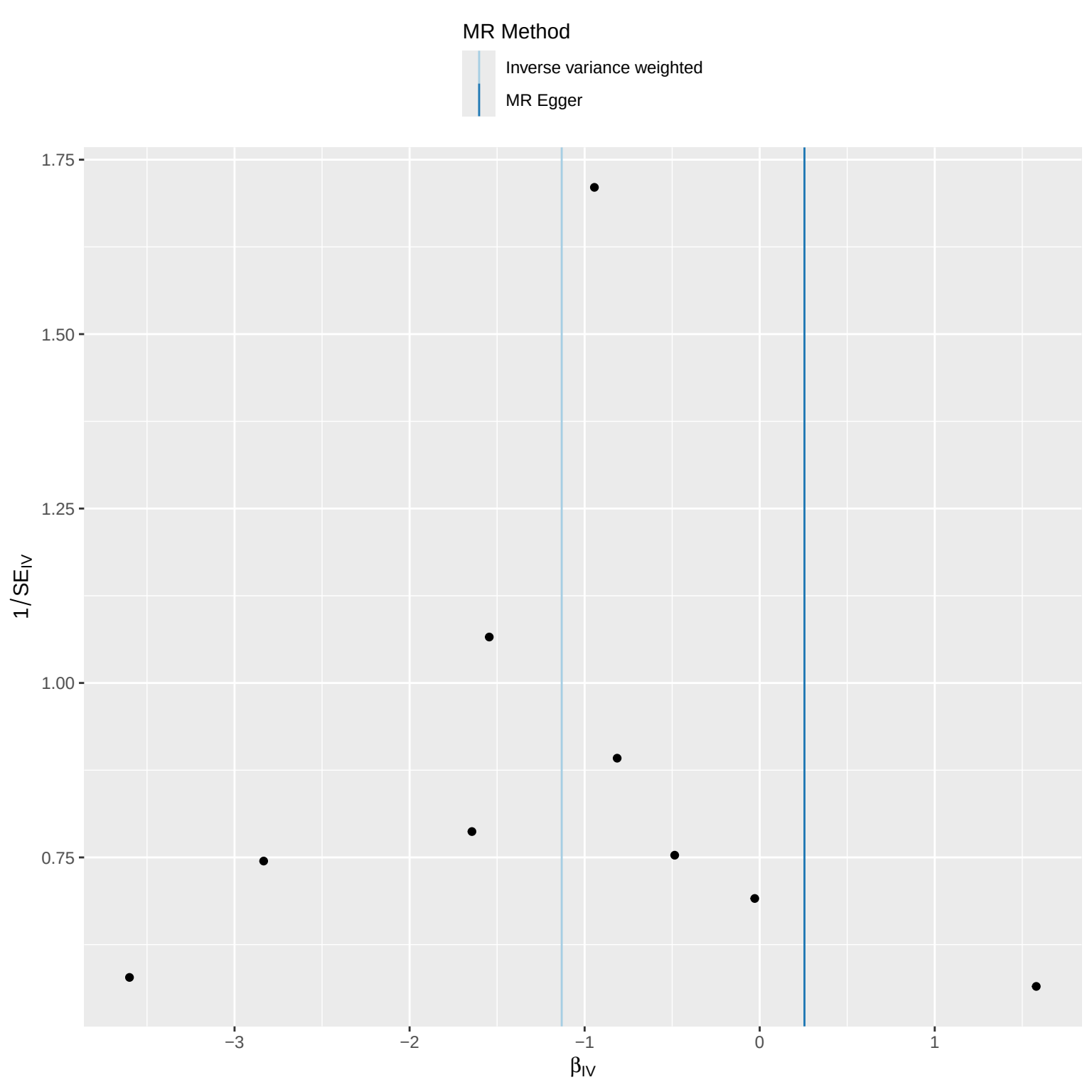

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

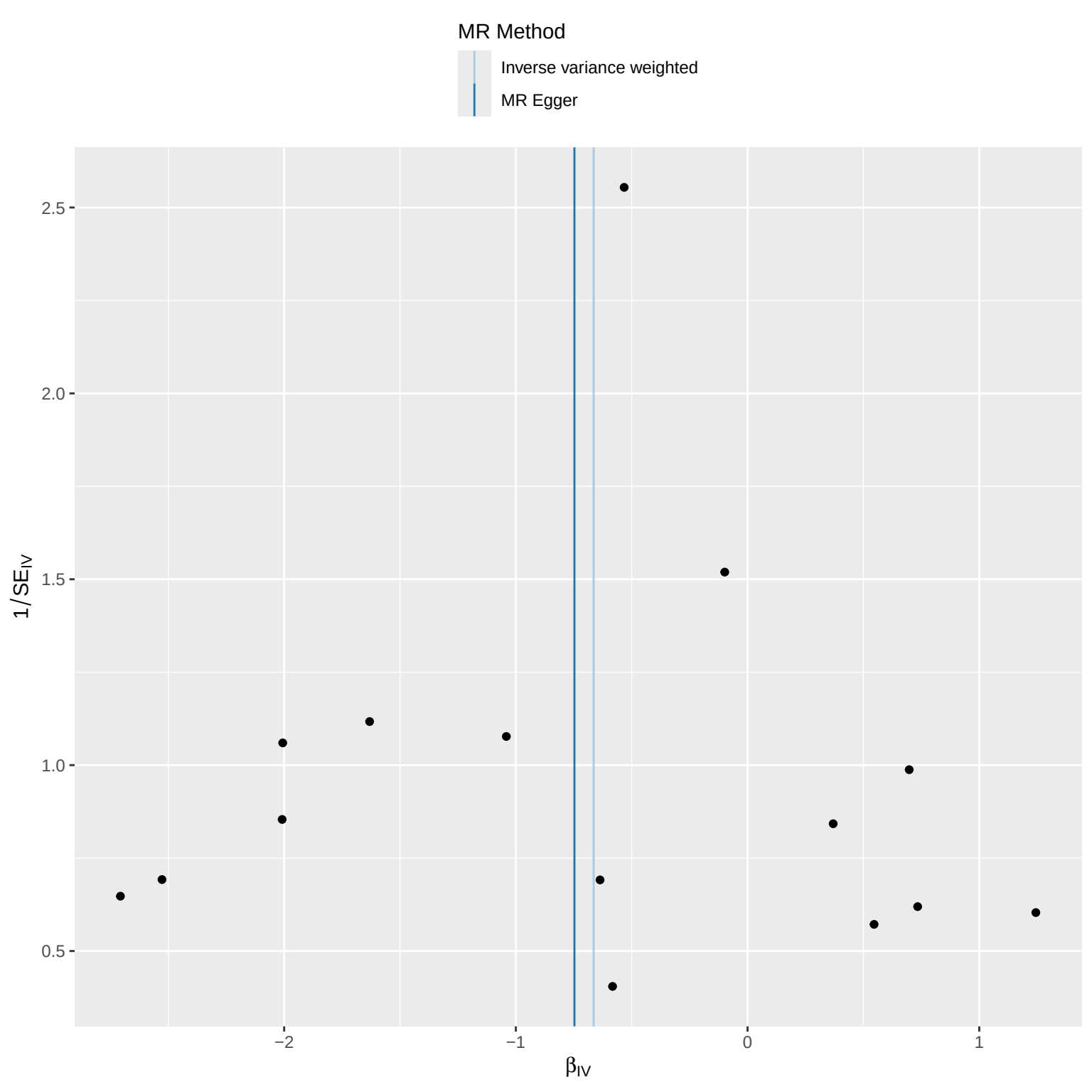

MR Method
Inverse variance weighted
MR Egger
1.5
1.2
0.9
0.6
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

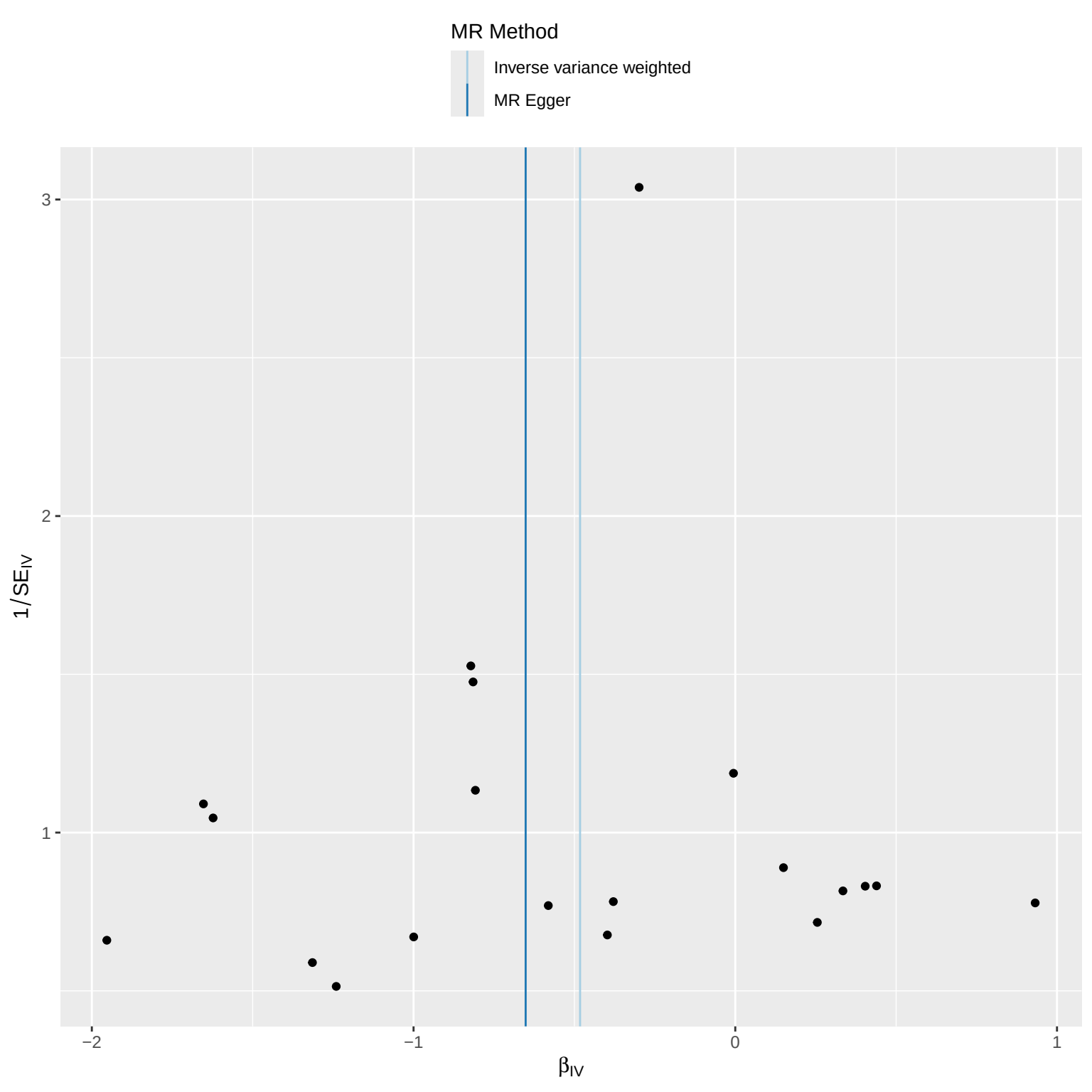

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
β_IV

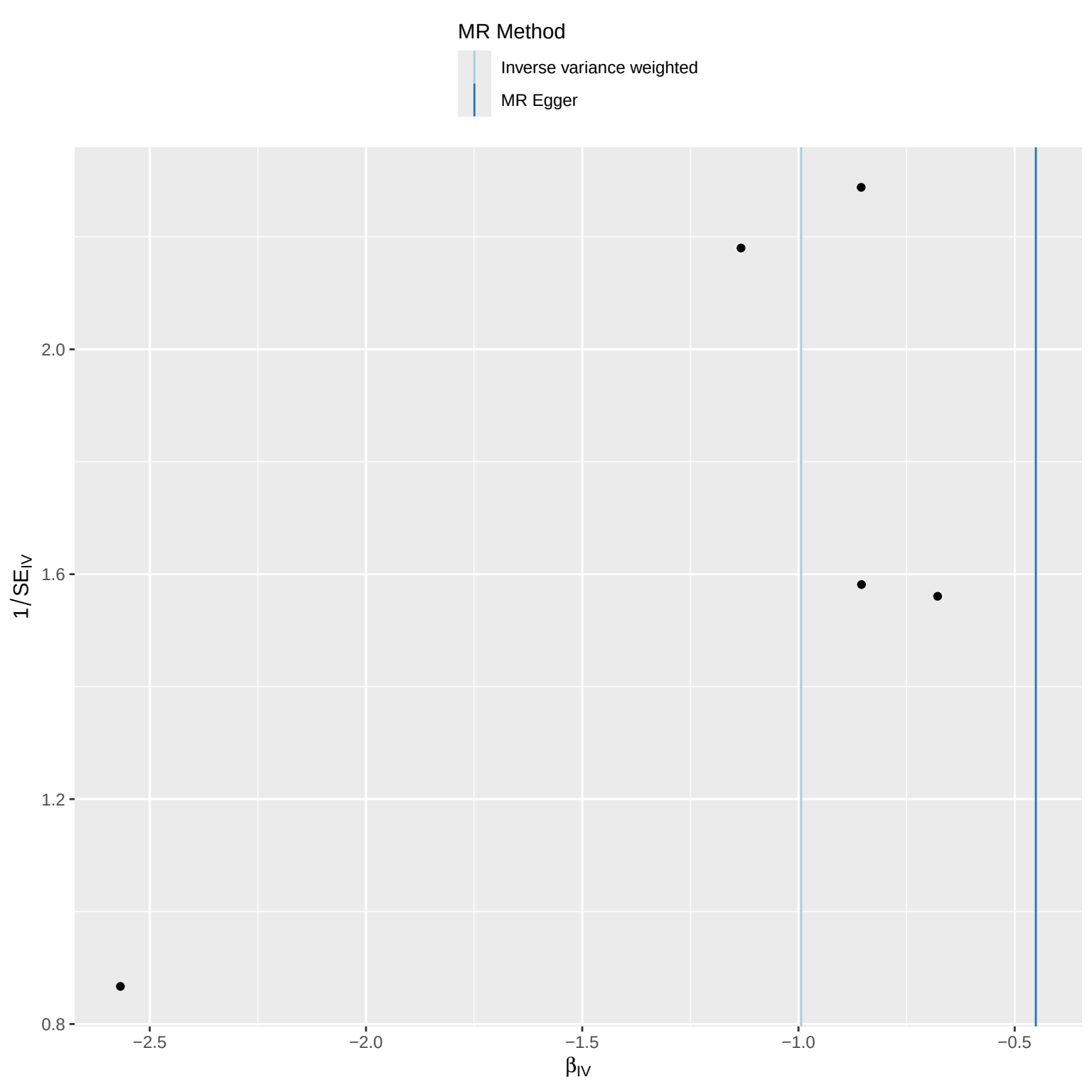

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
$1/SE_{IV}$
−2
0
2
β_{IV}

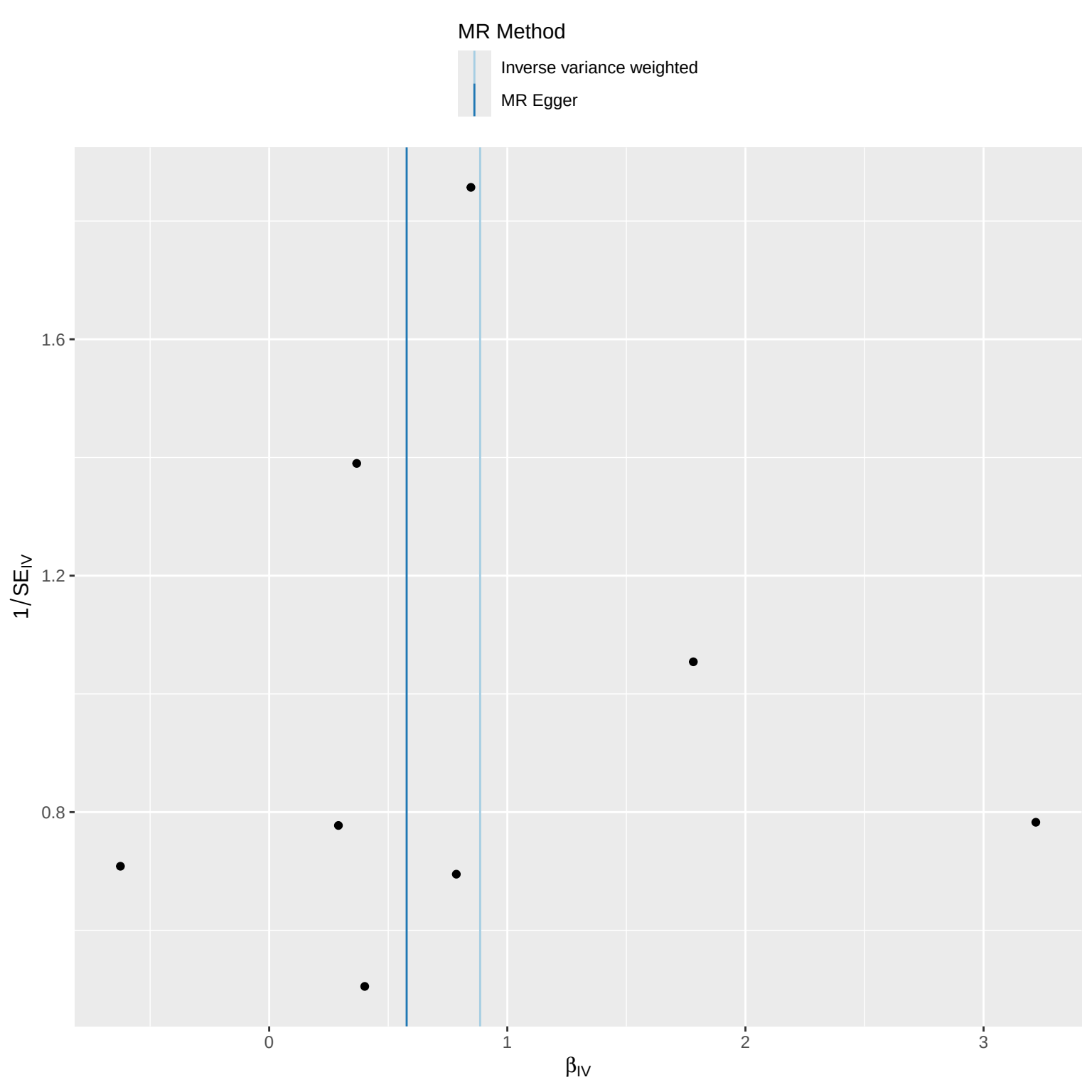

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

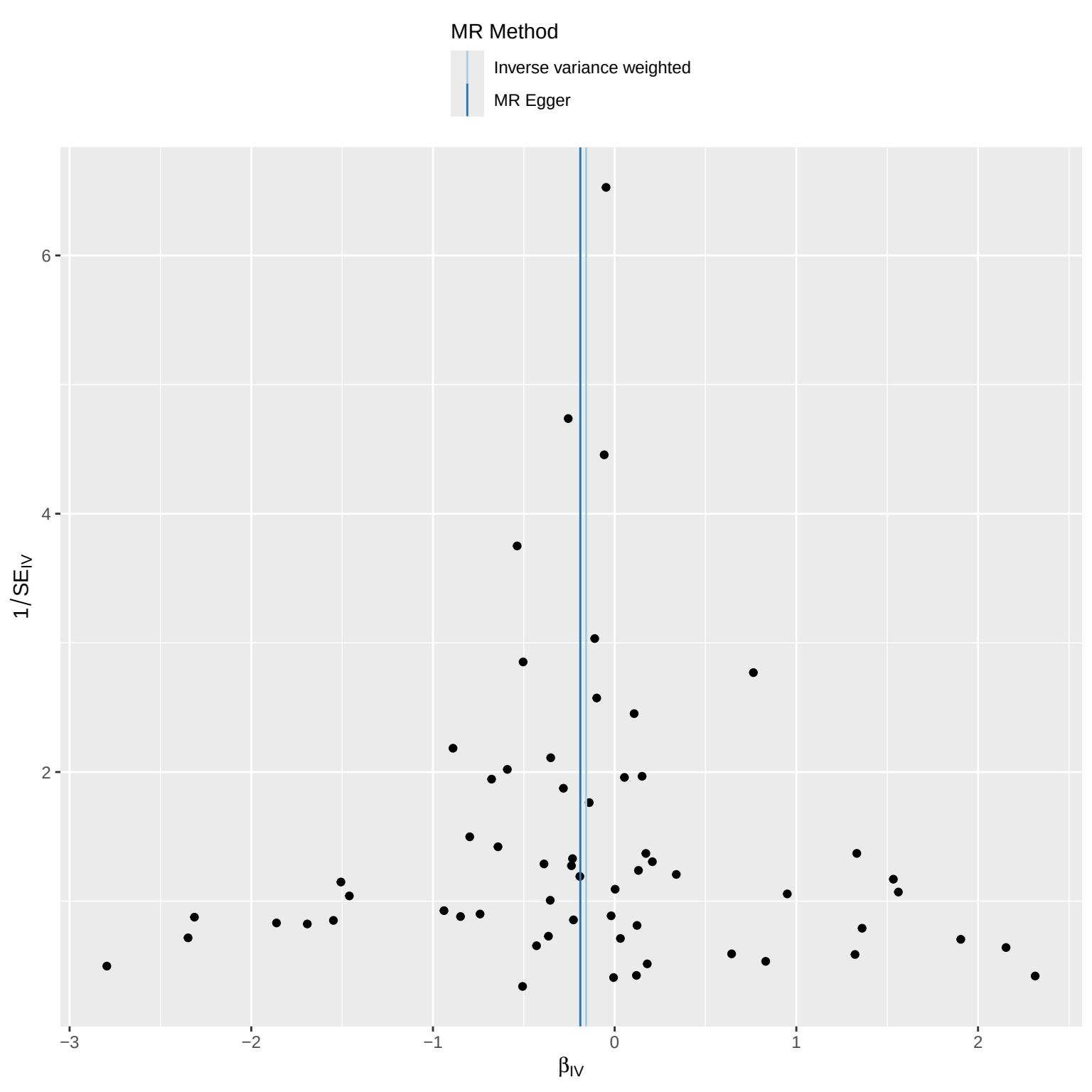

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−3
−2
−1
0
1
β_IV

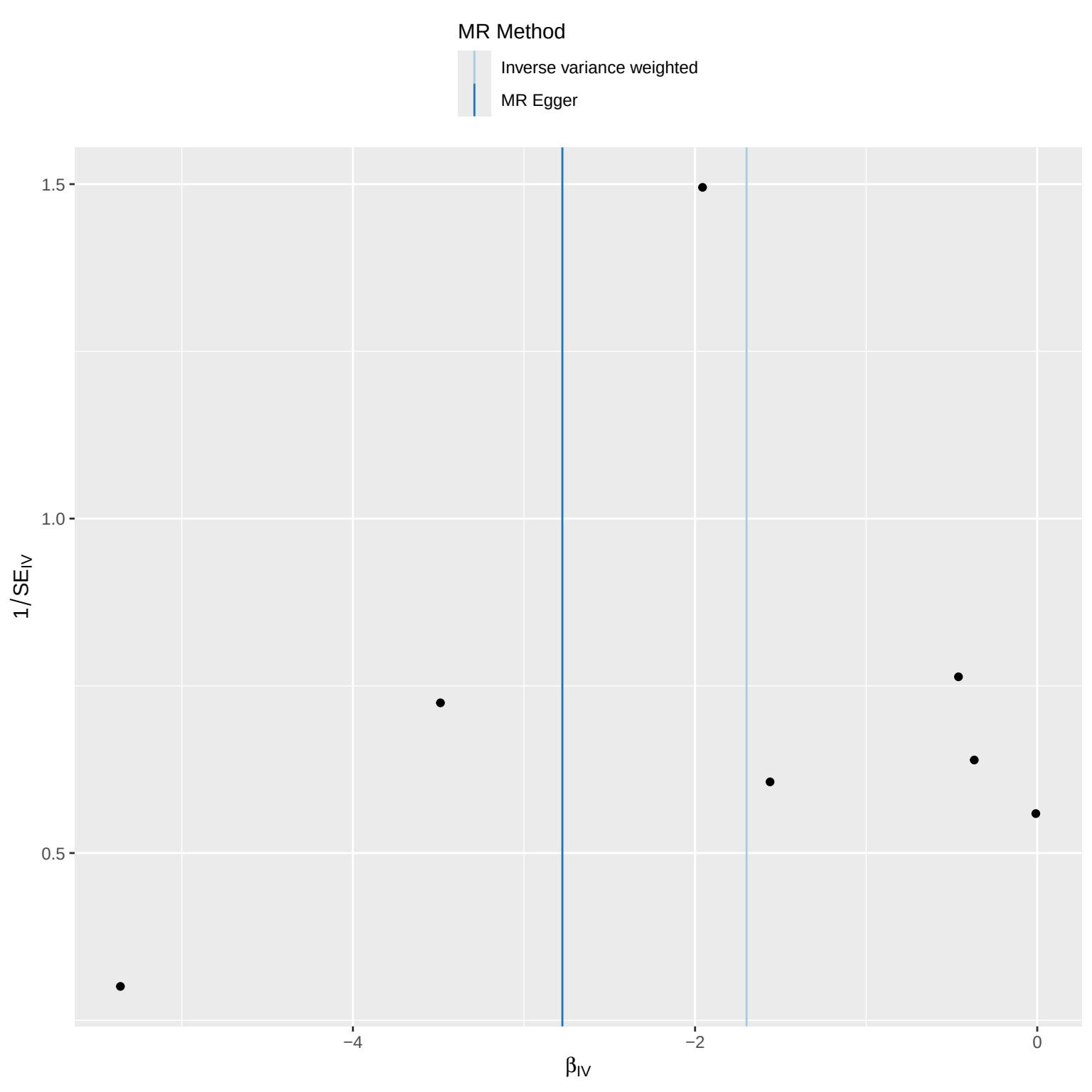

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

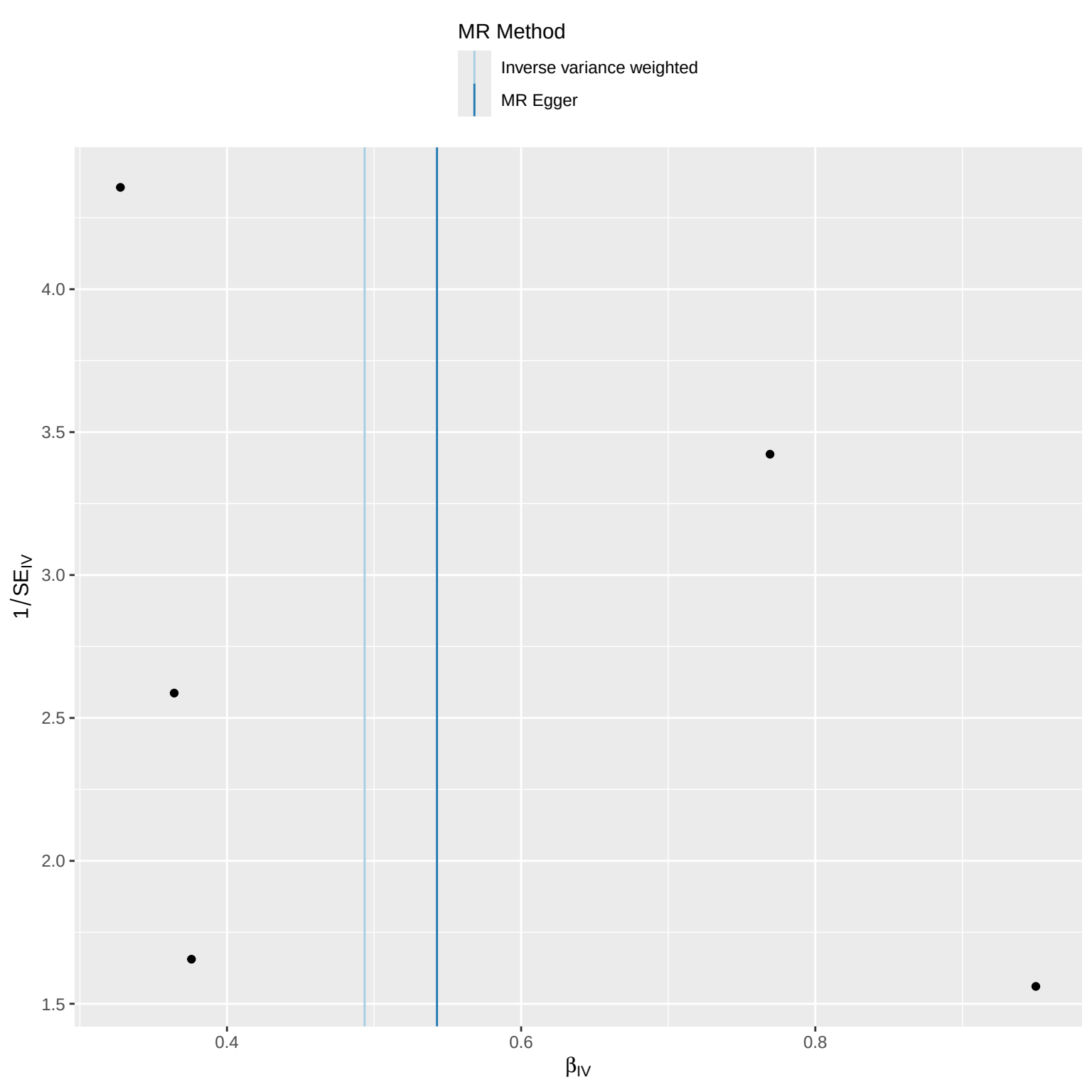

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

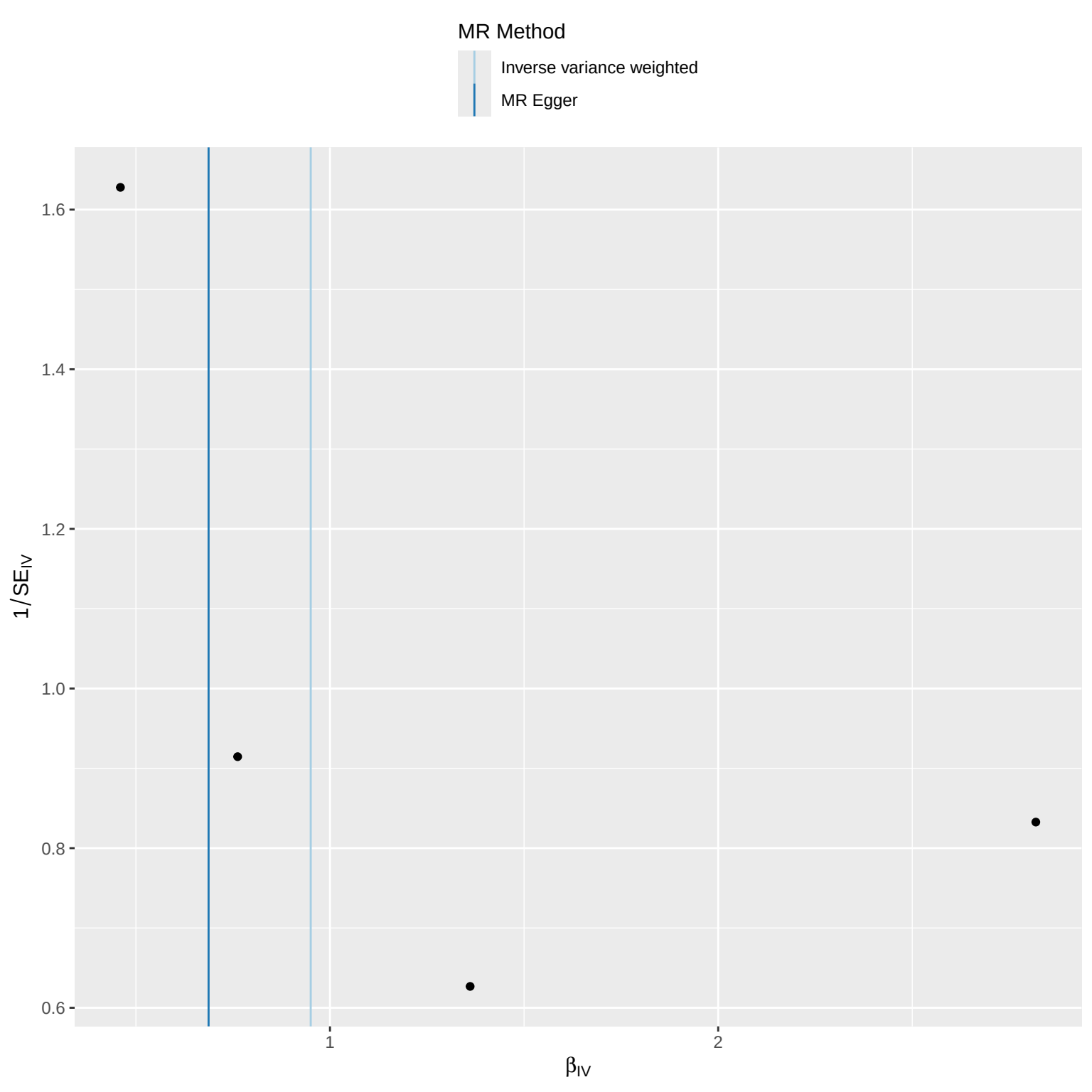

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
0.8
1/SE_IV
−2.5
−2.0
−1.5
−1.0
−0.5
β_IV

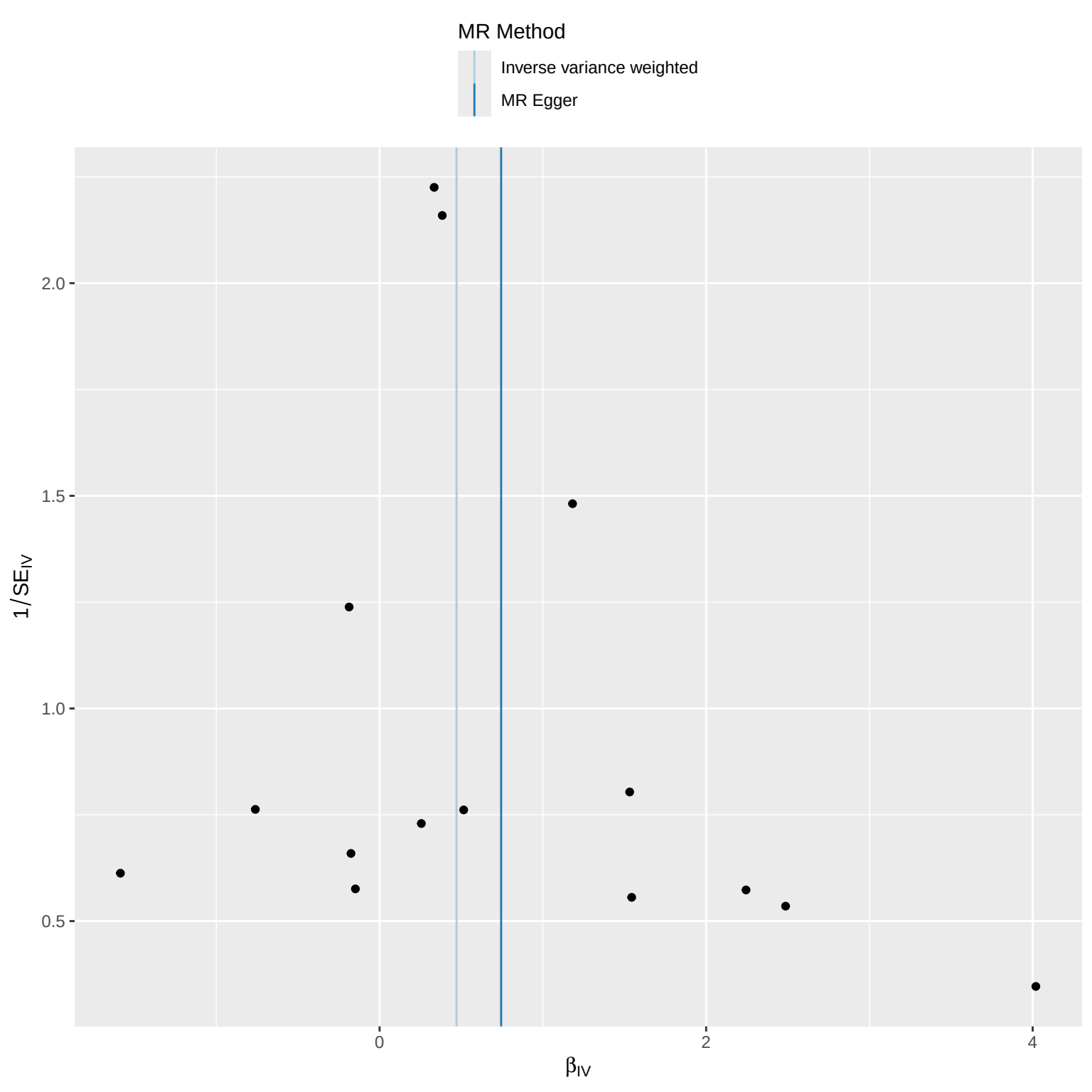

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
0
1
2
3
β_IV

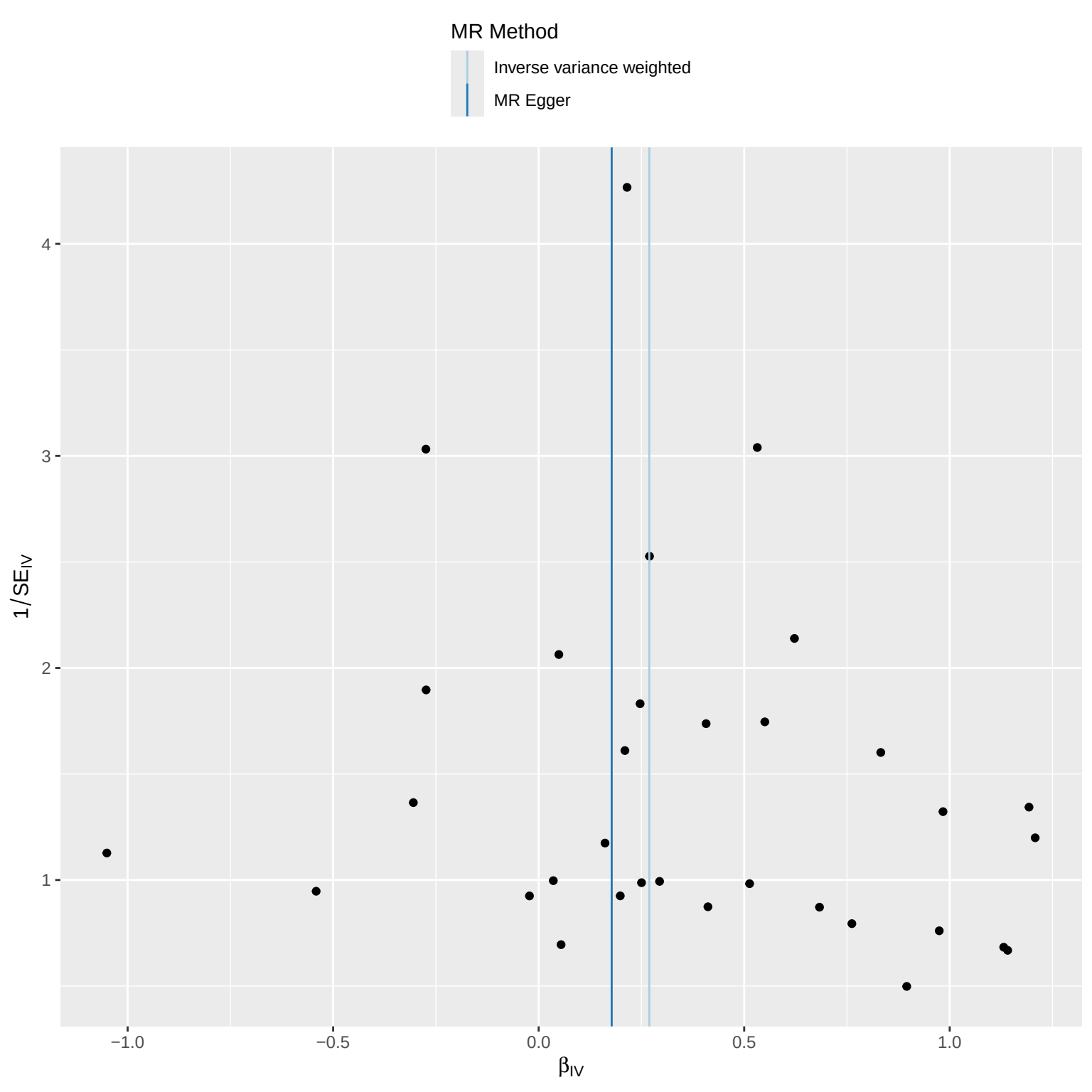

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
2
β_IV

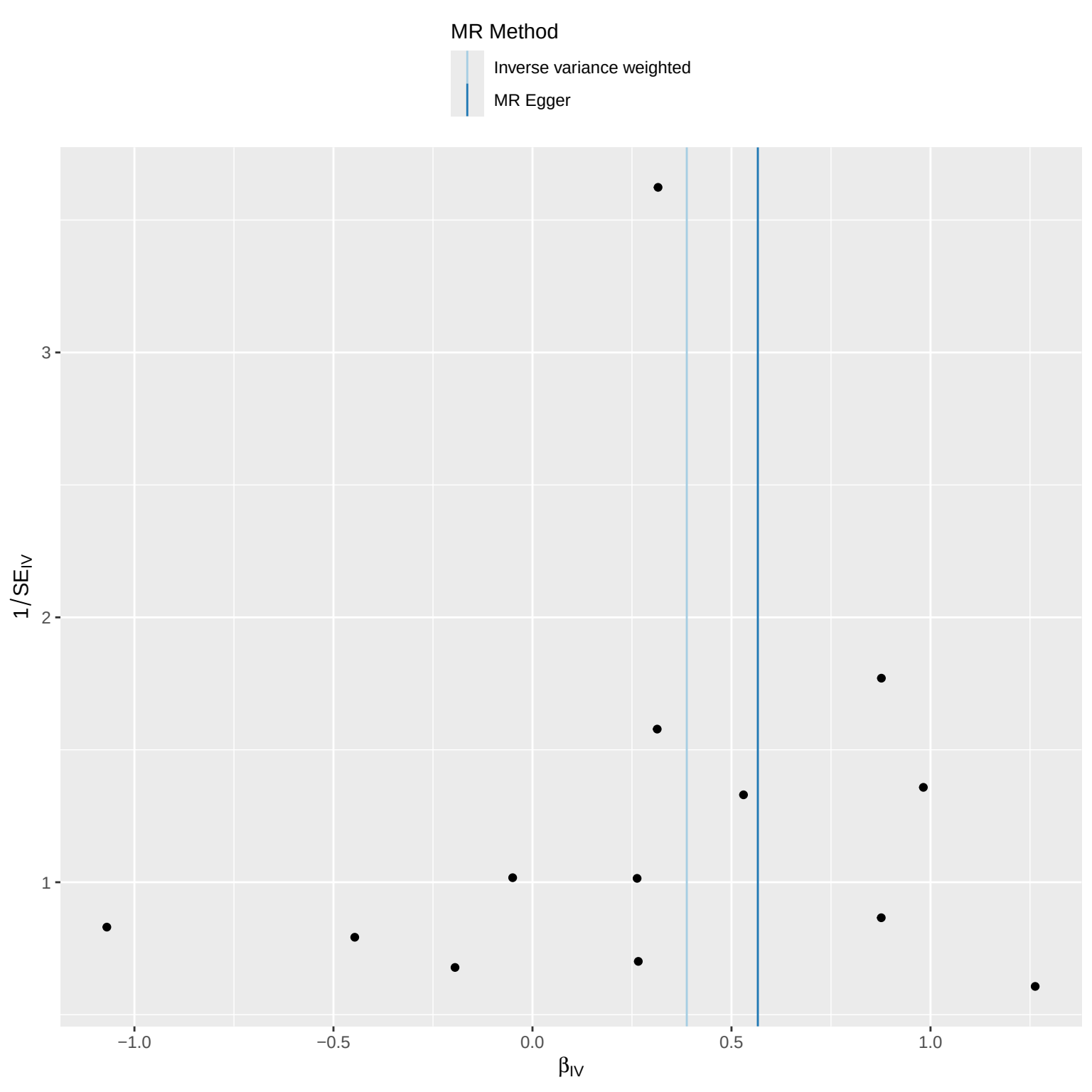

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

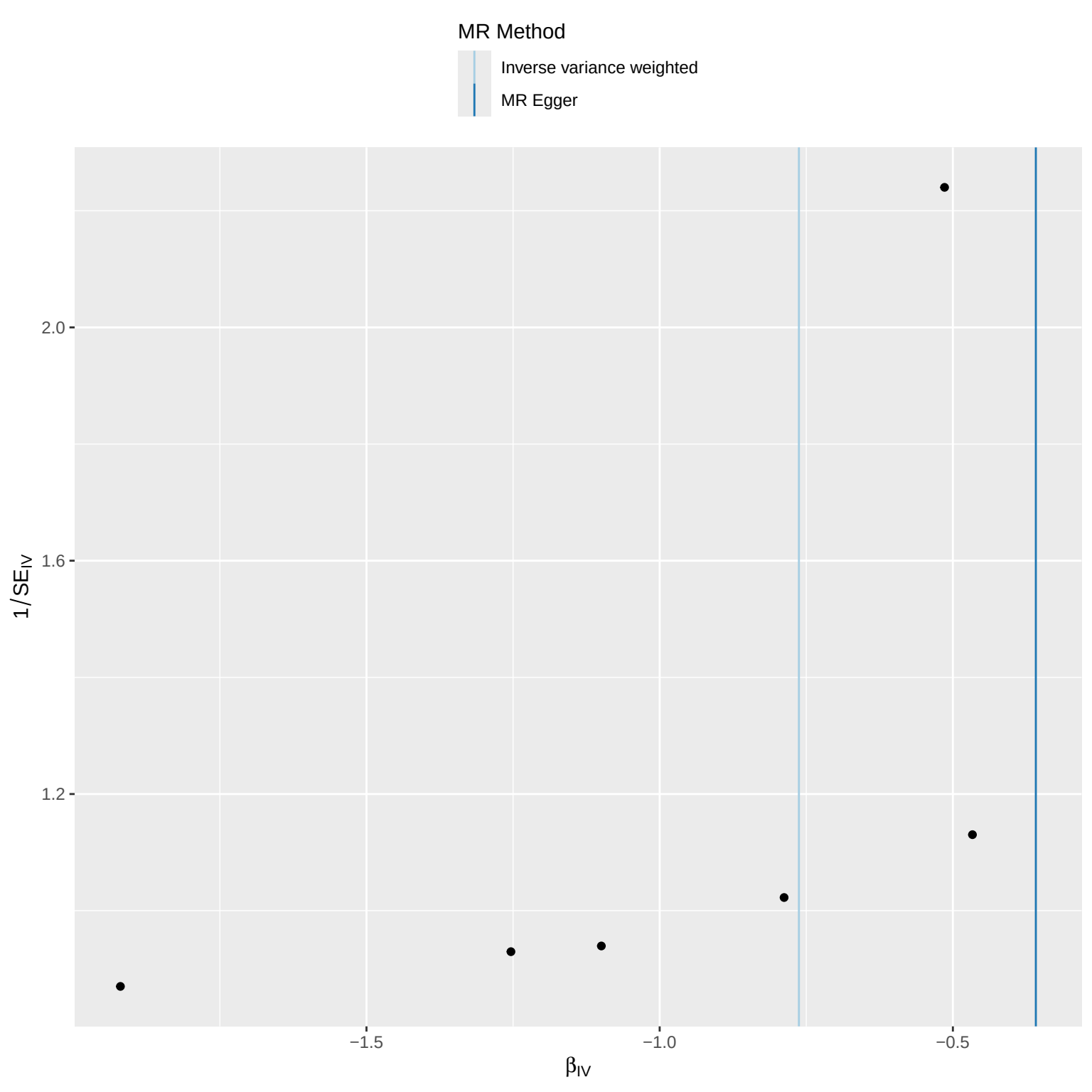

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
2.0
1.5
1/SE_IV
0.4
0.6
0.8
β_IV

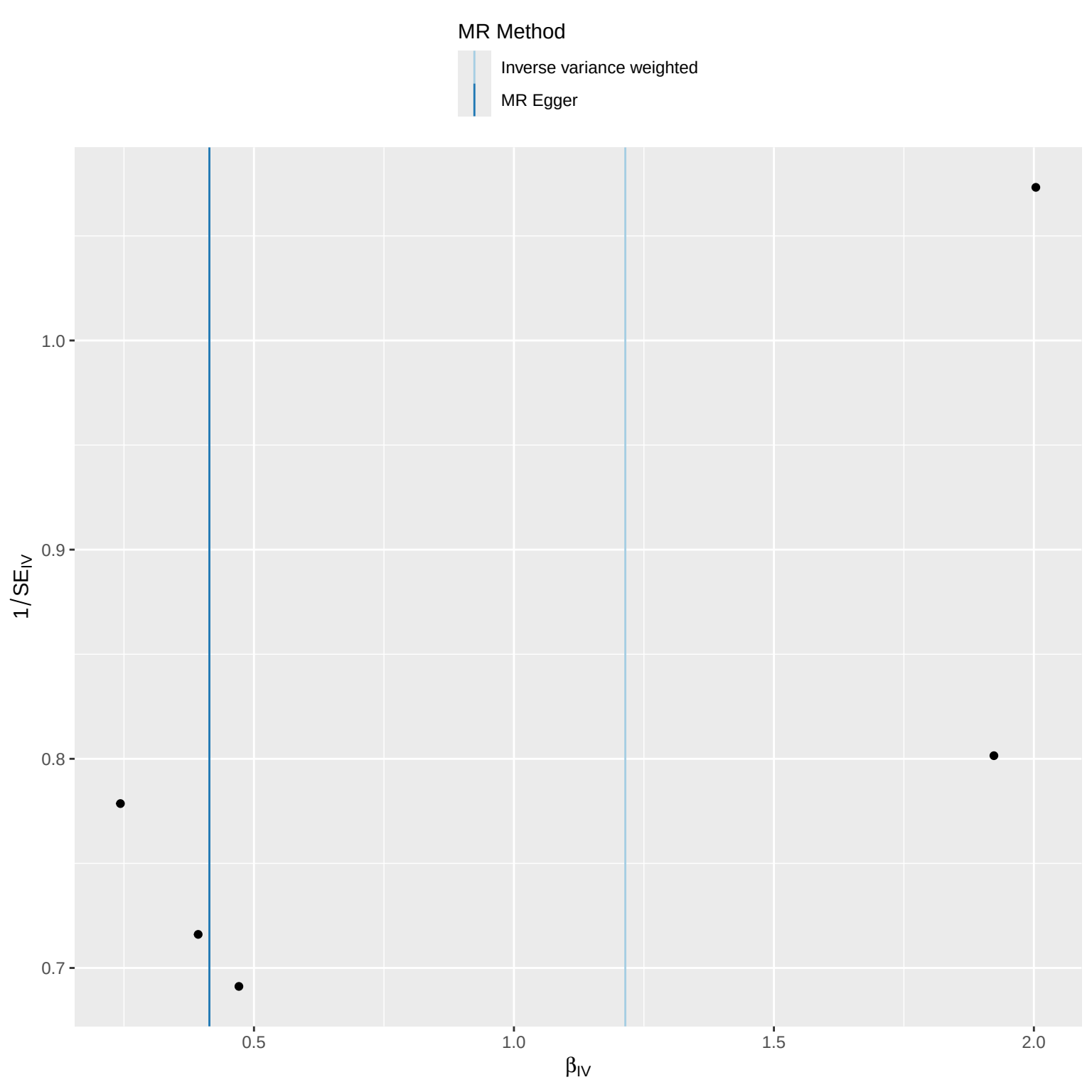

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
0.6
1/SE_IV
1
2
β_IV

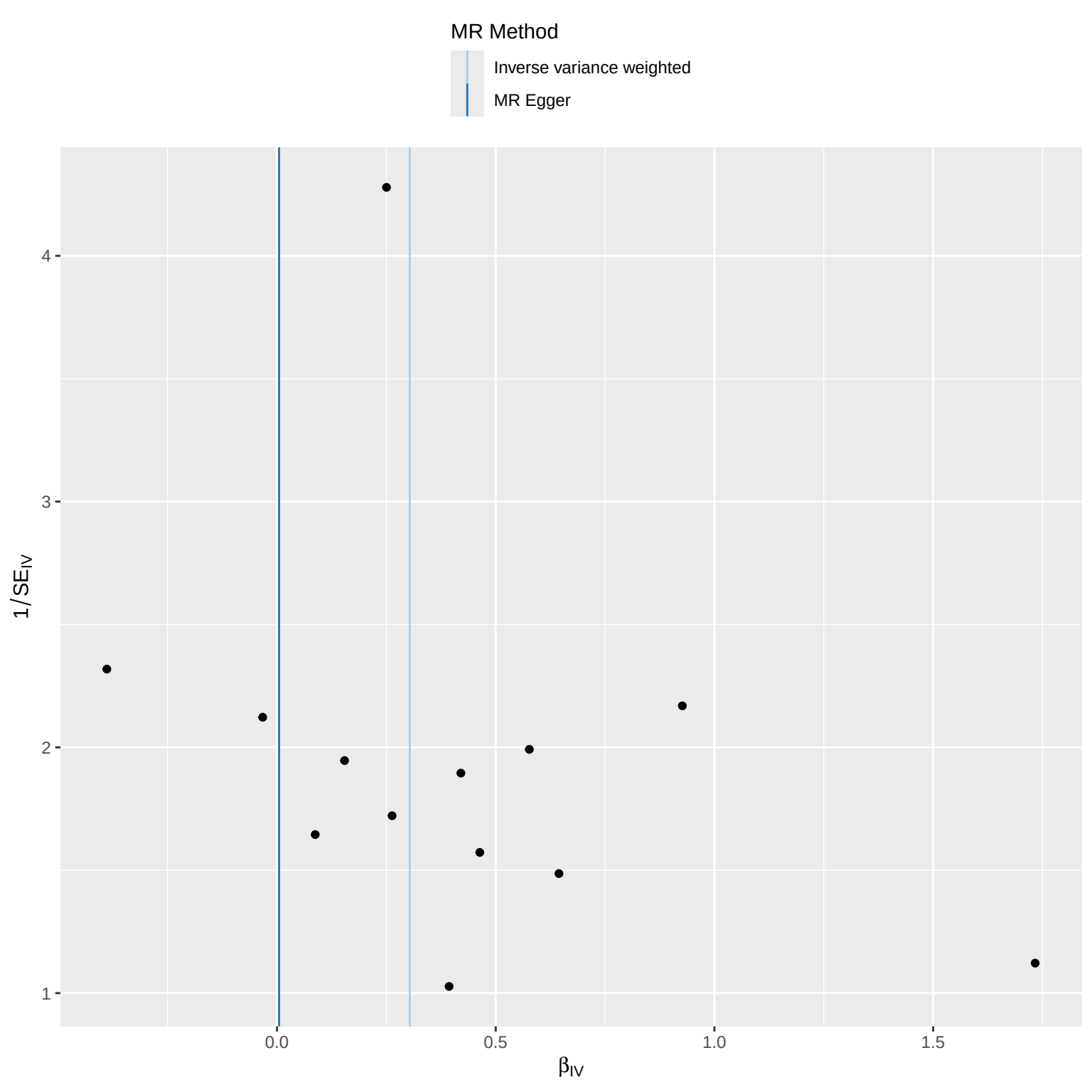

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

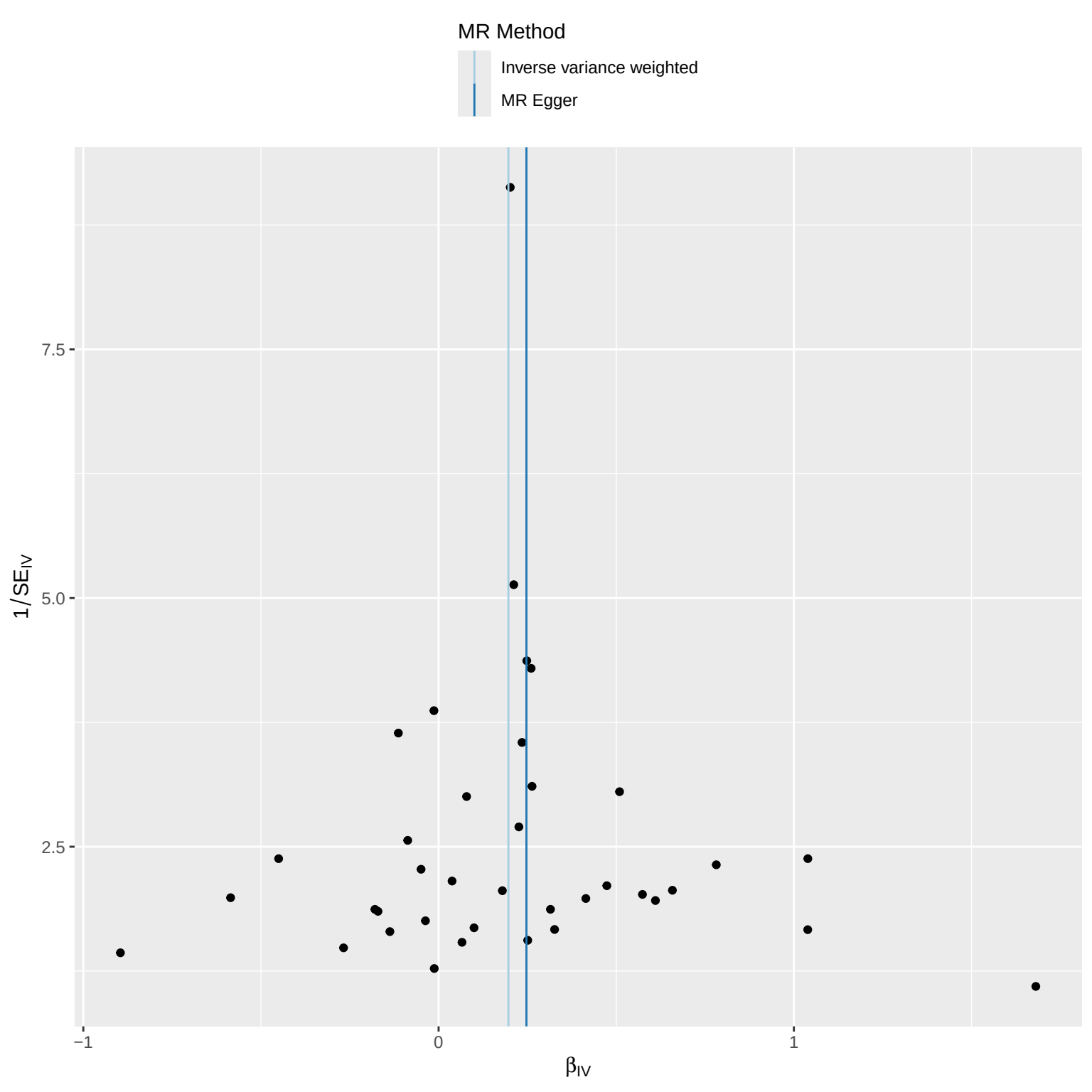

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

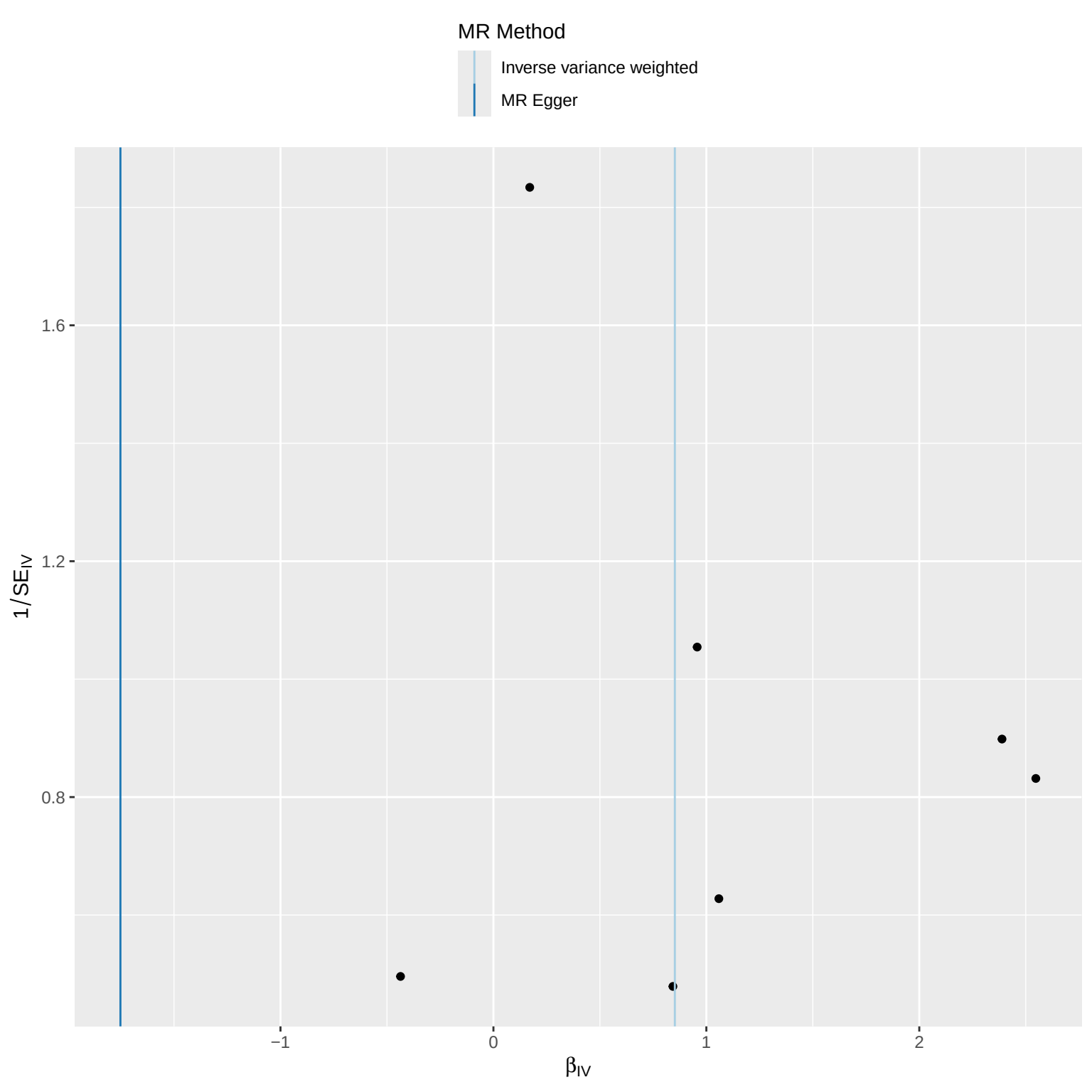

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

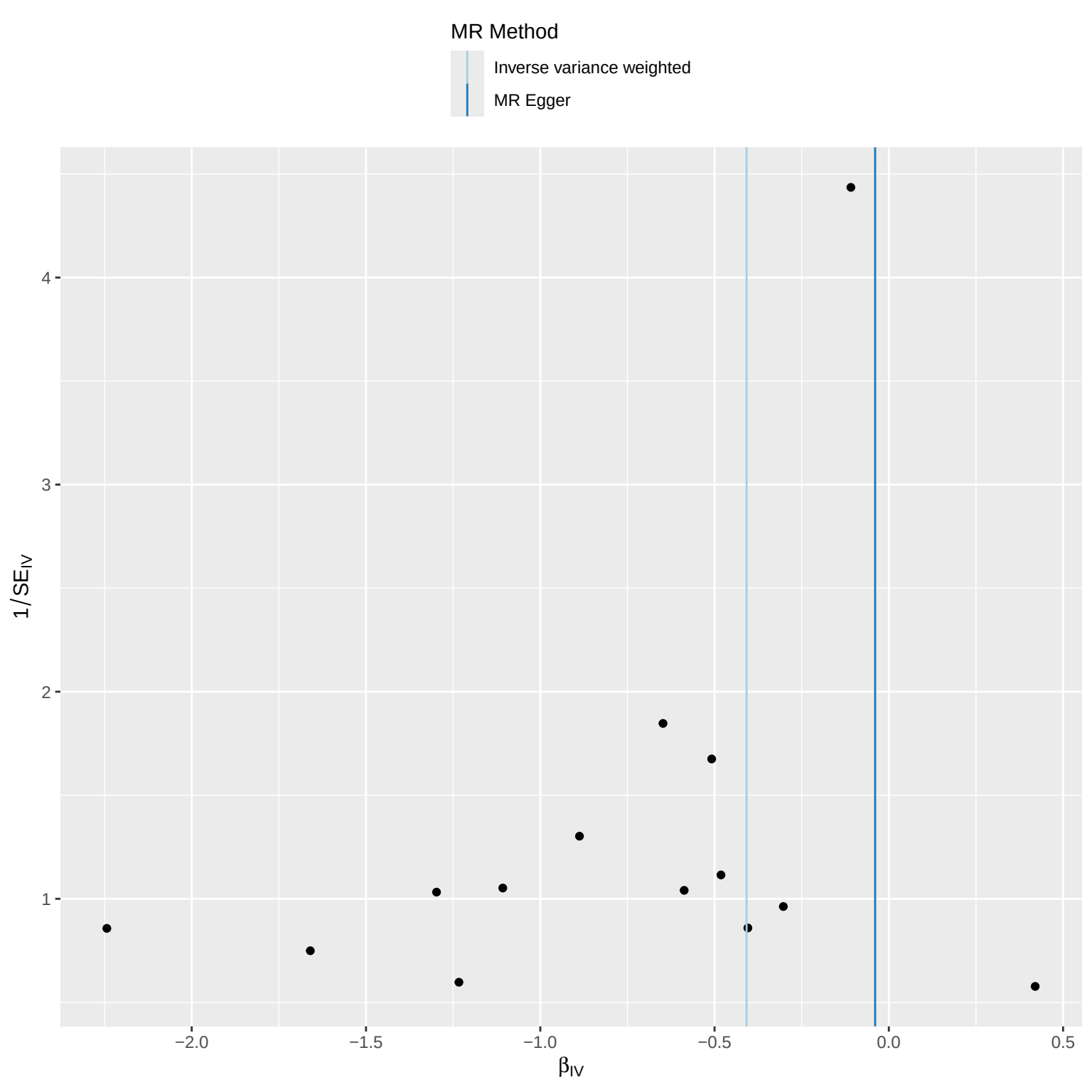

MR Method
Inverse variance weighted
MR Egger
2.0
1.6
1.2
1/SE_IV
−1.5
−1.0
−0.5
β_IV

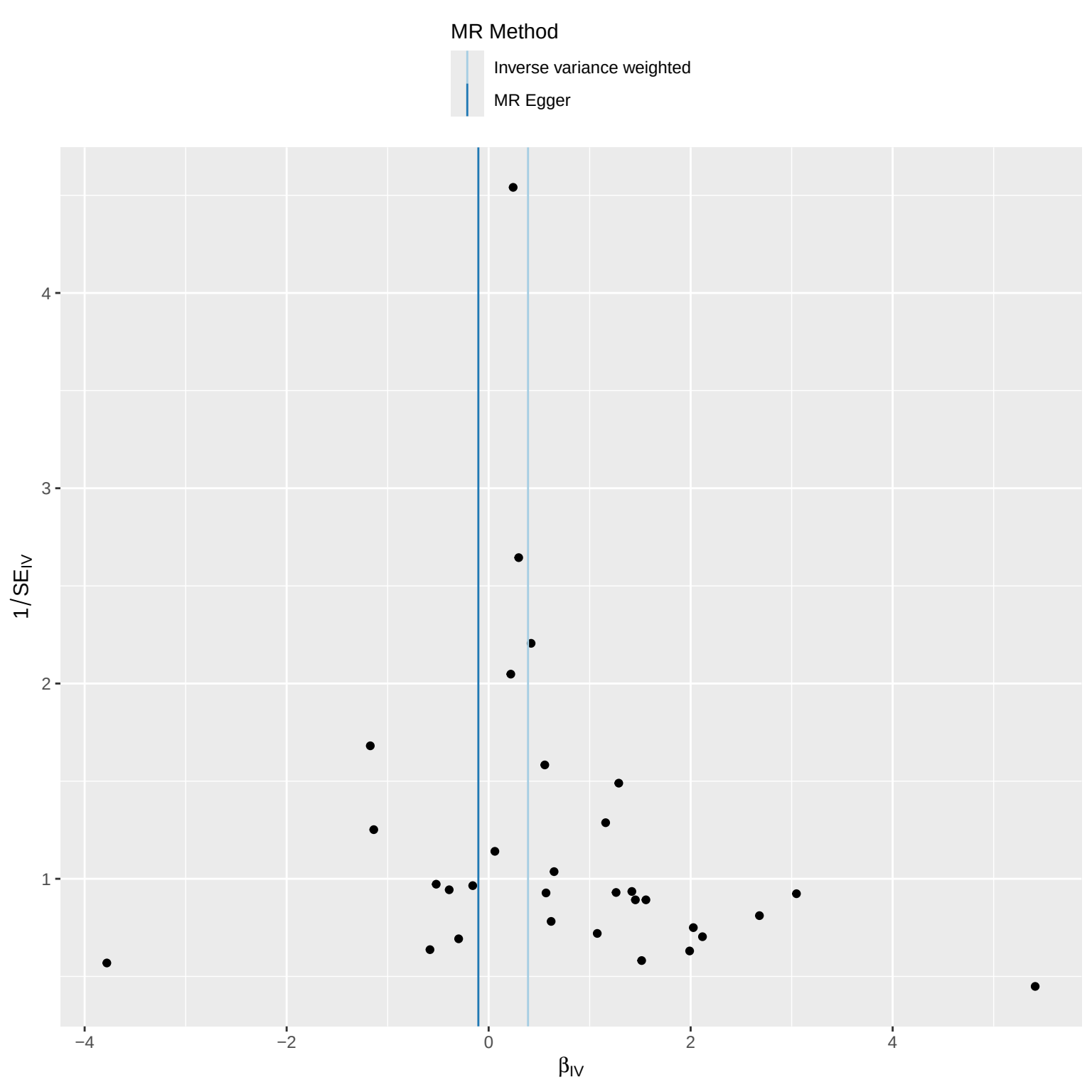

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

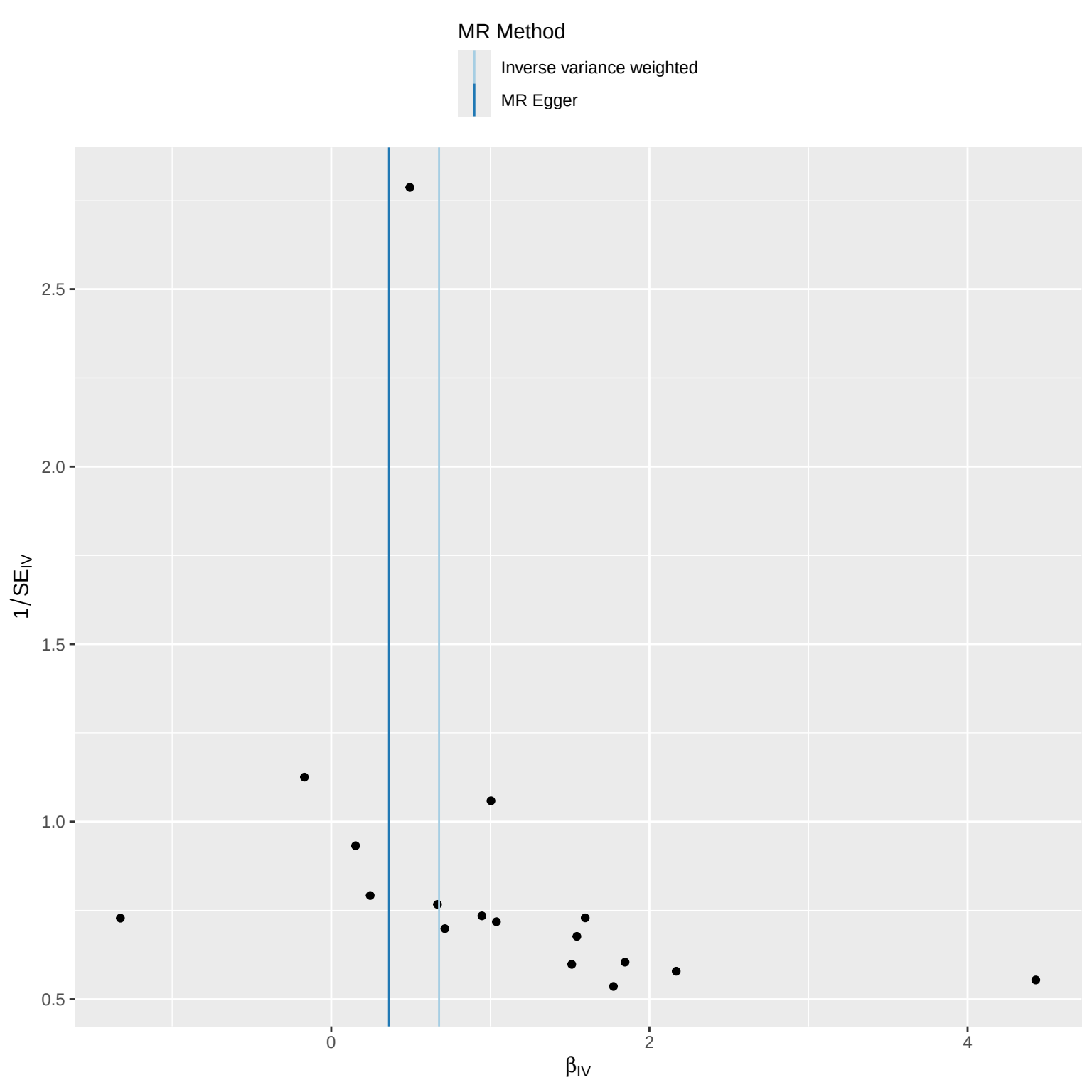

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0.0
0.5
1.0
1.5
β_IV

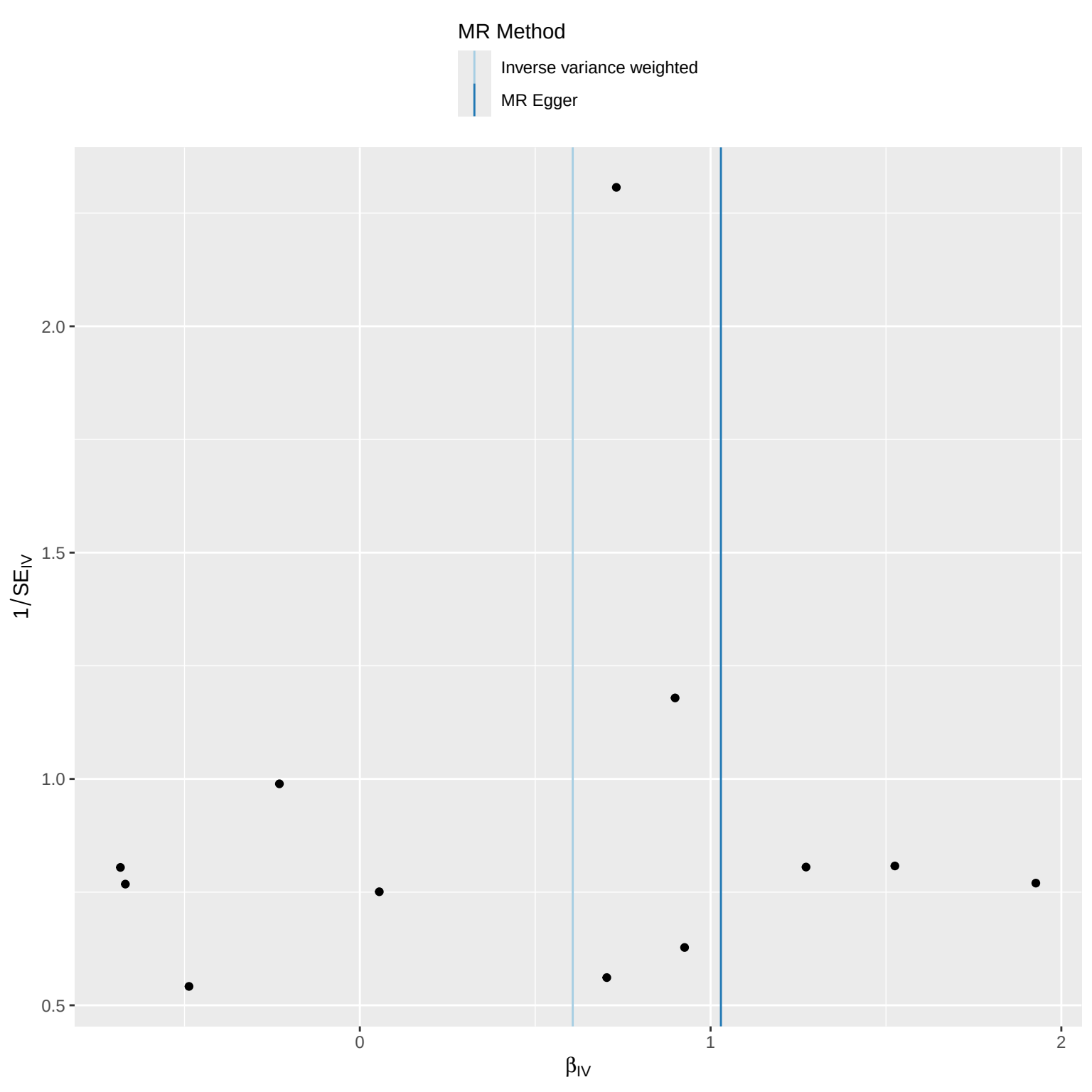

MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV

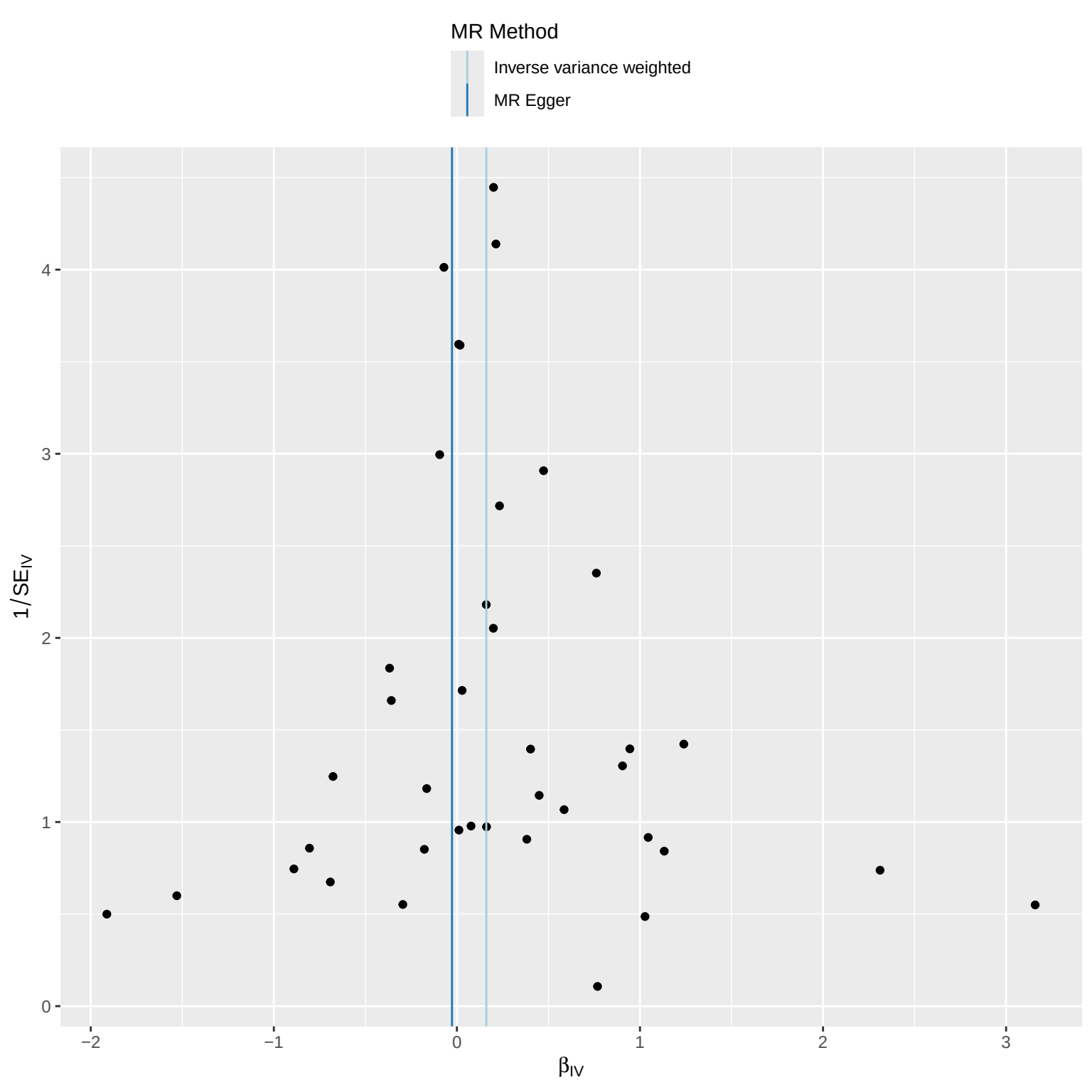

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−1
0
1
2
β_IV

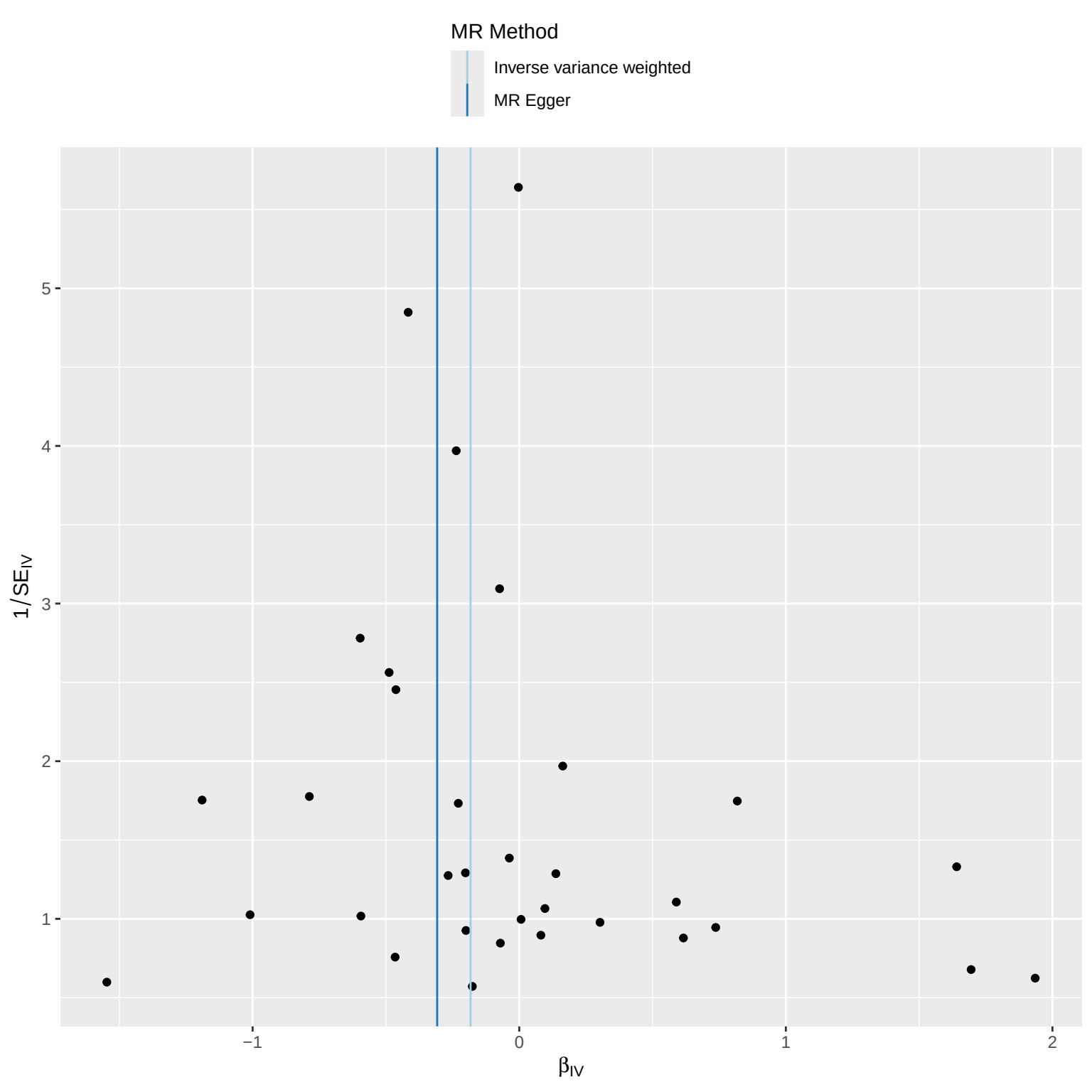

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

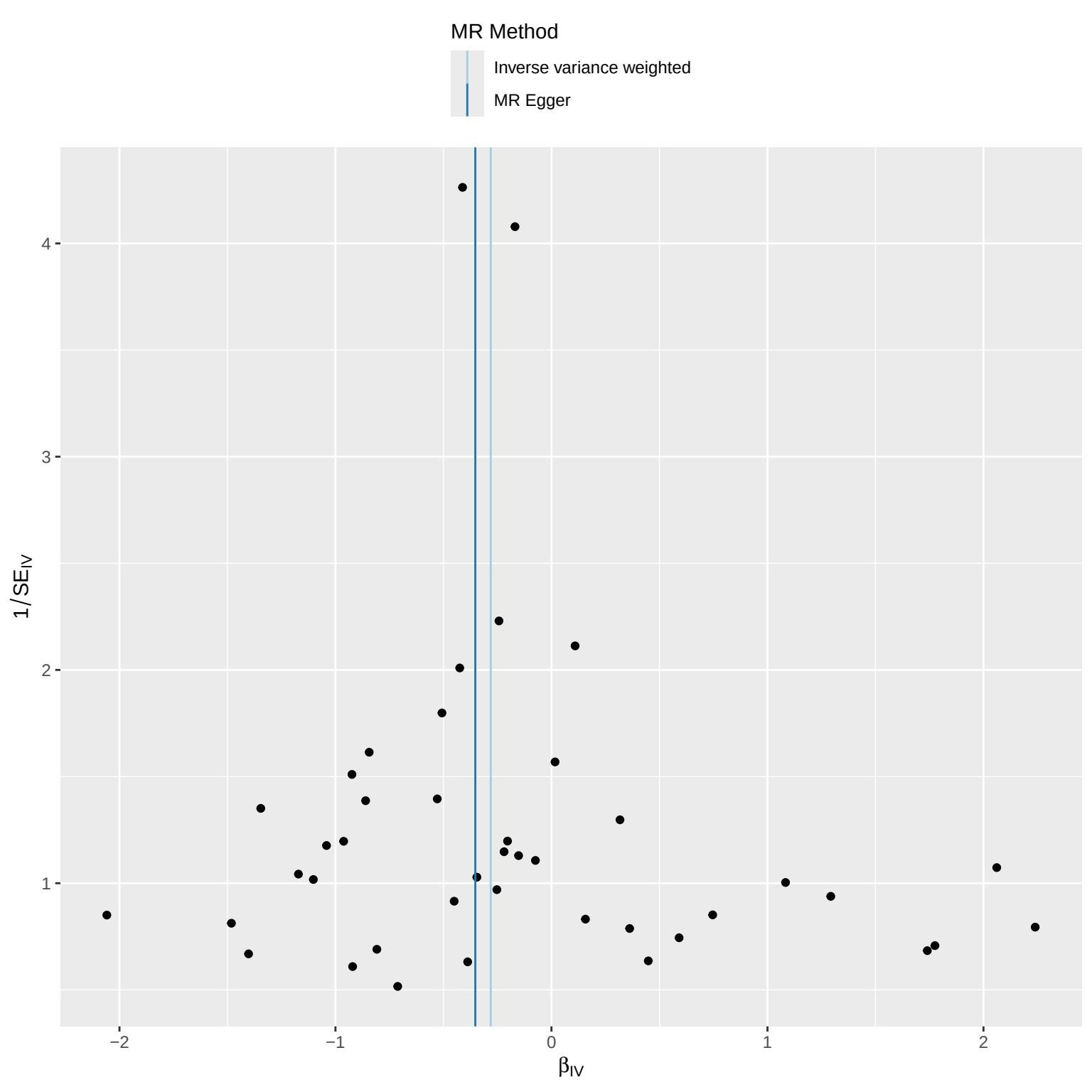

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−4
−2
0
2
4

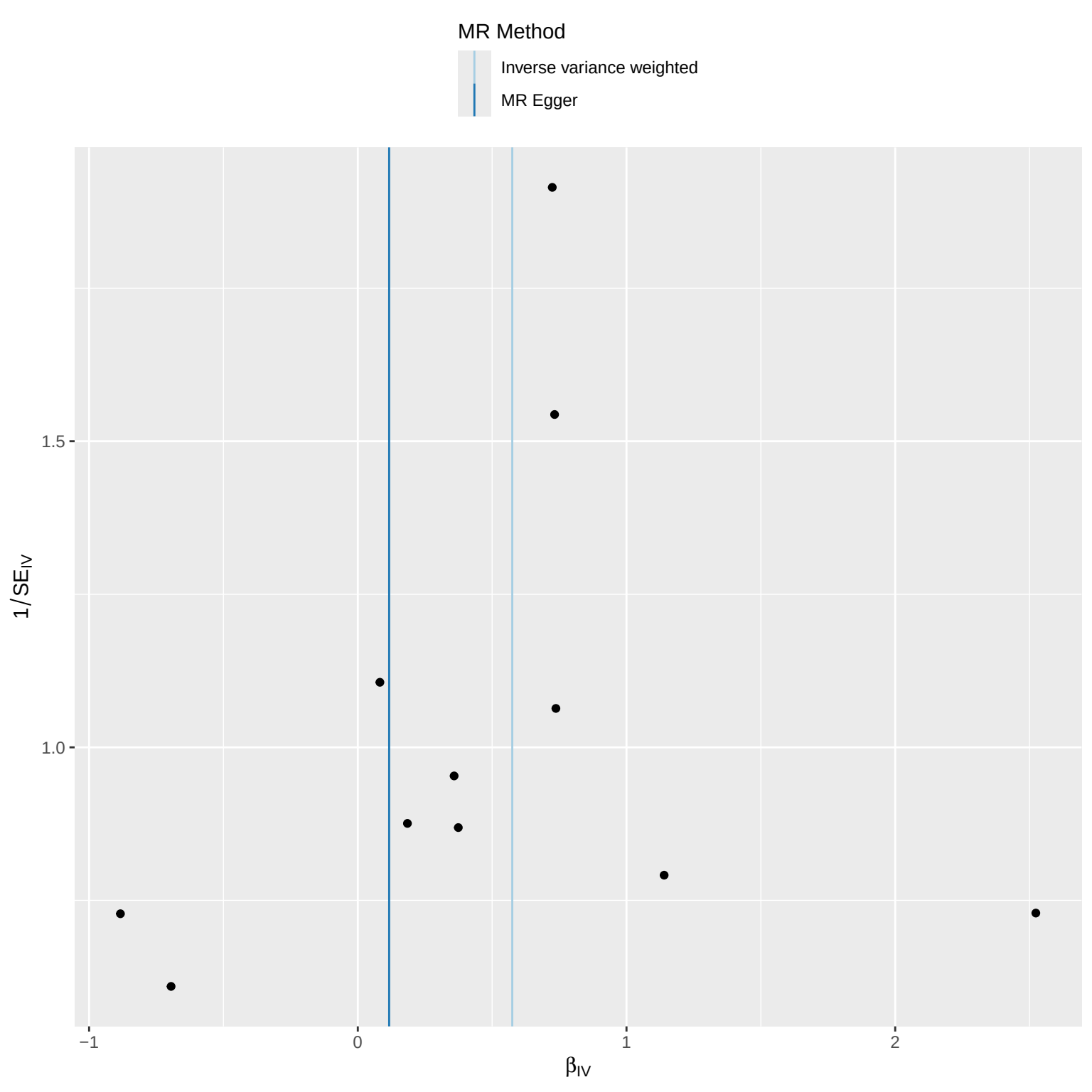

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

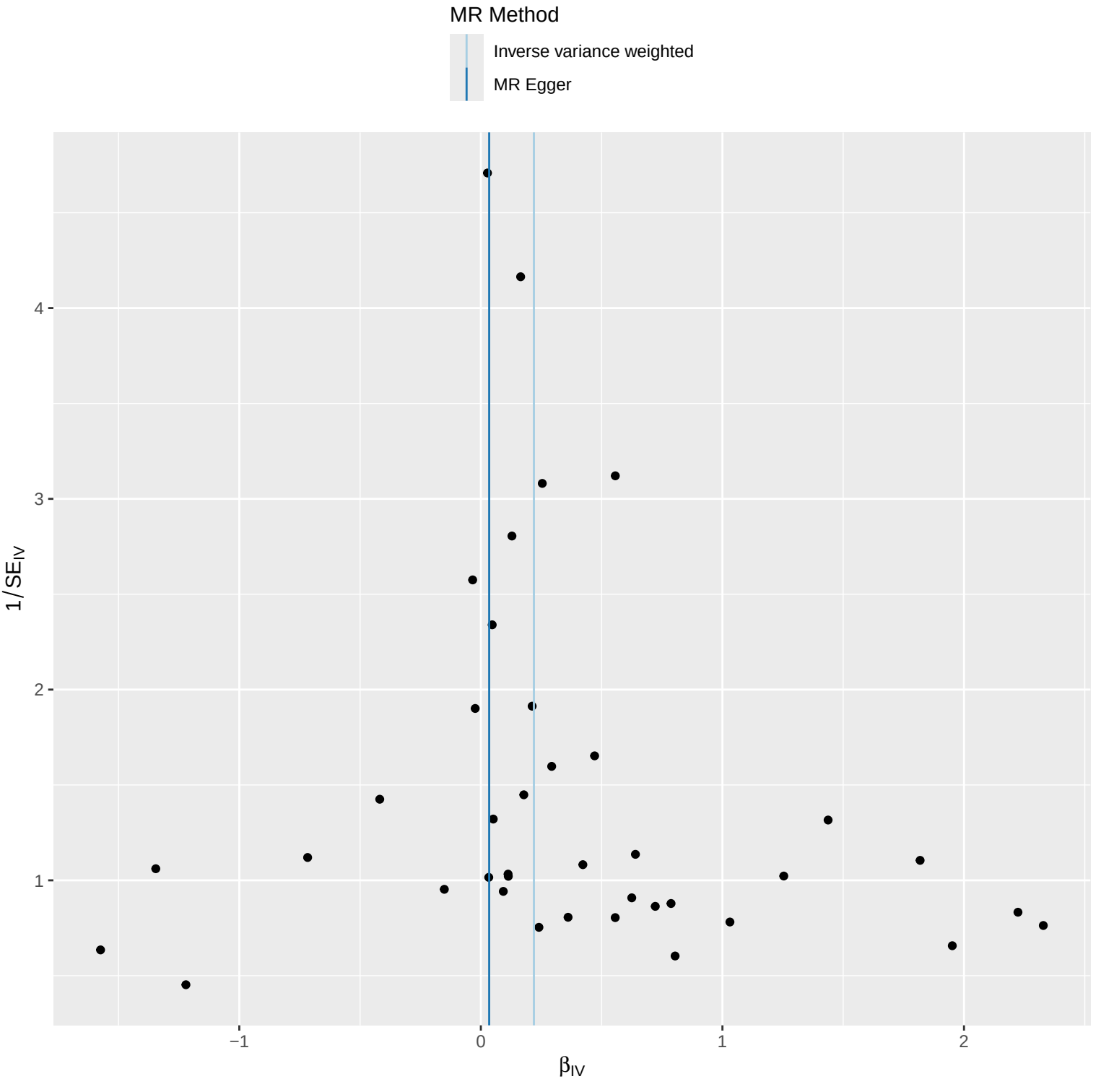

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
β_IV

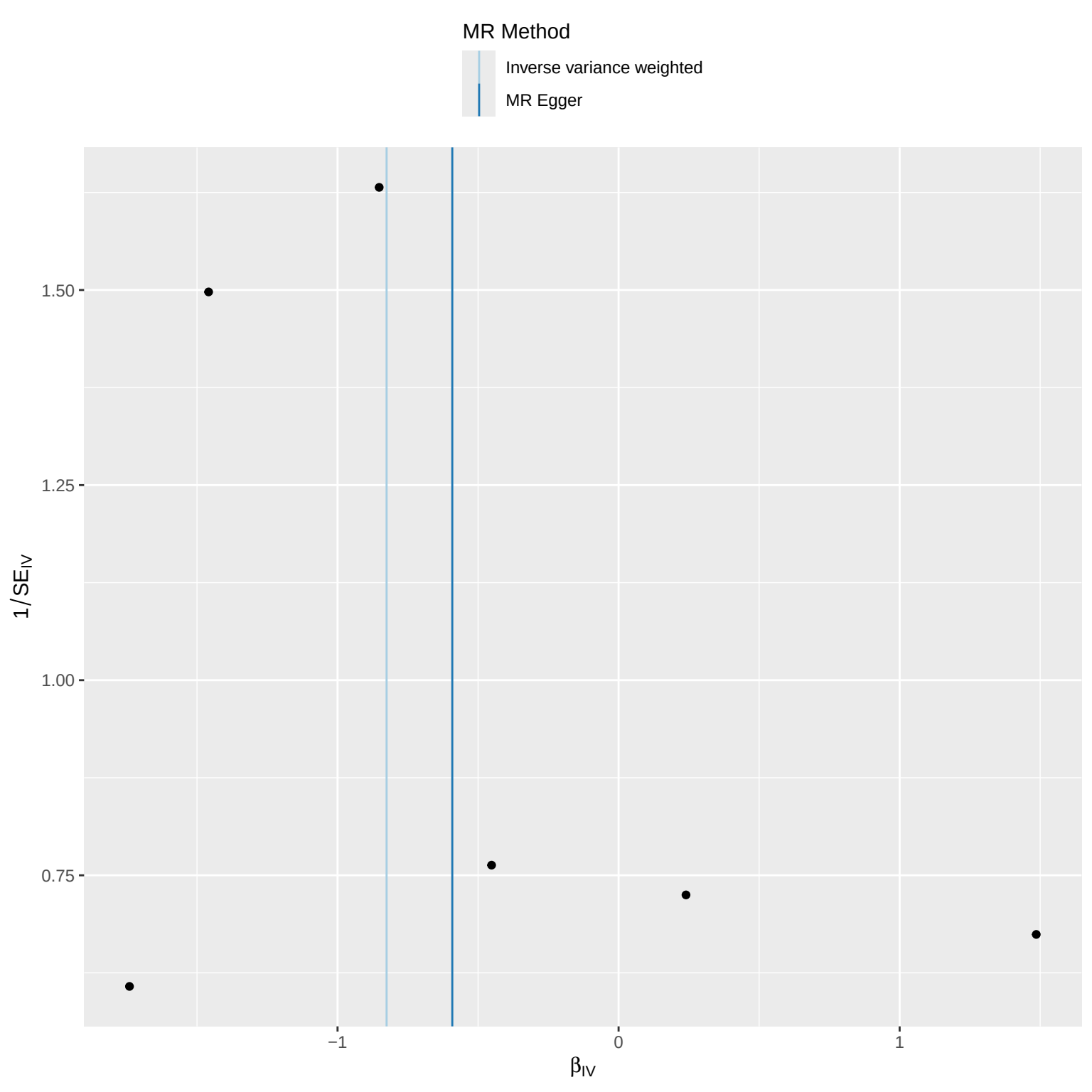

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
0
1
2
3
4
−2
−1
0
1
2
3

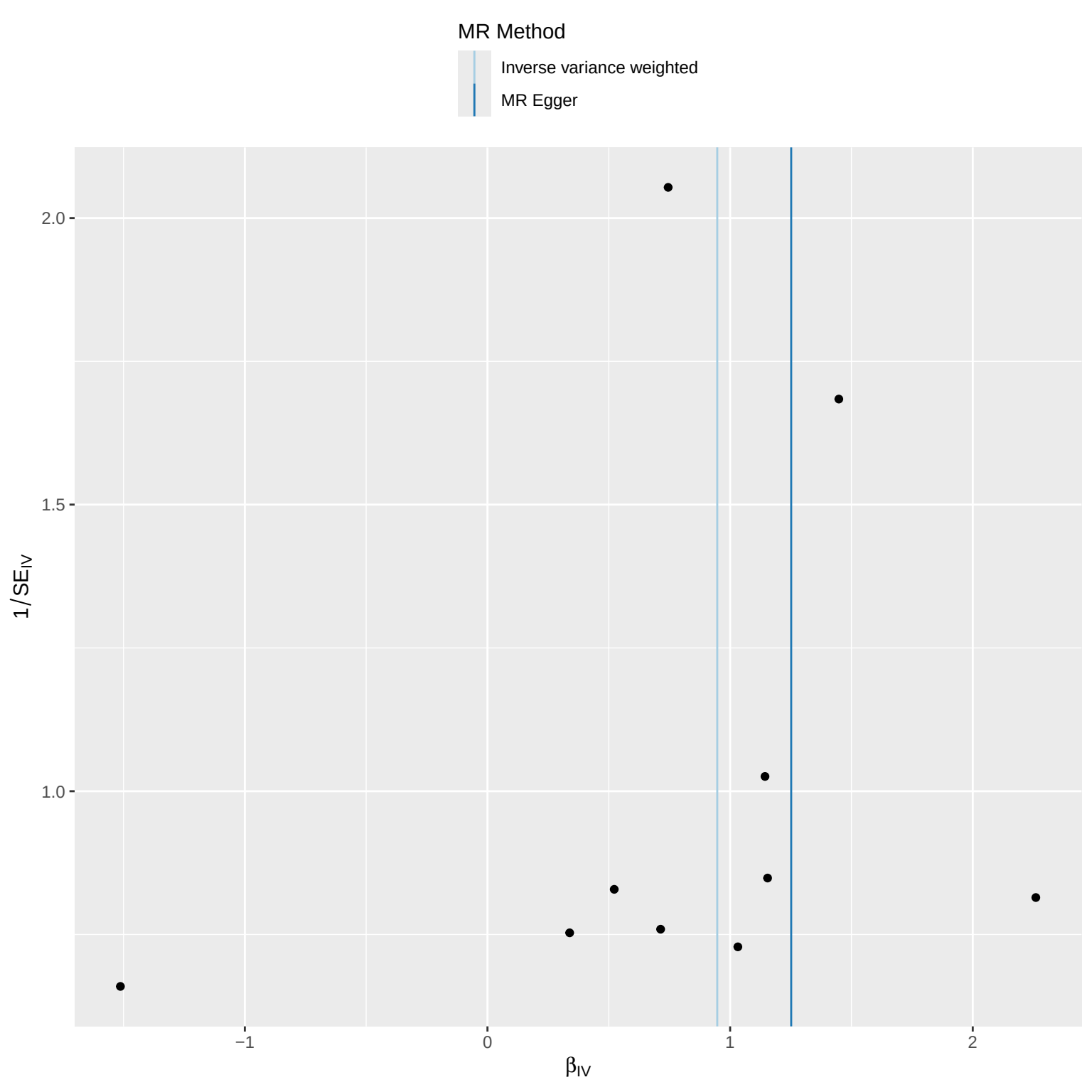

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−1
0
1
2

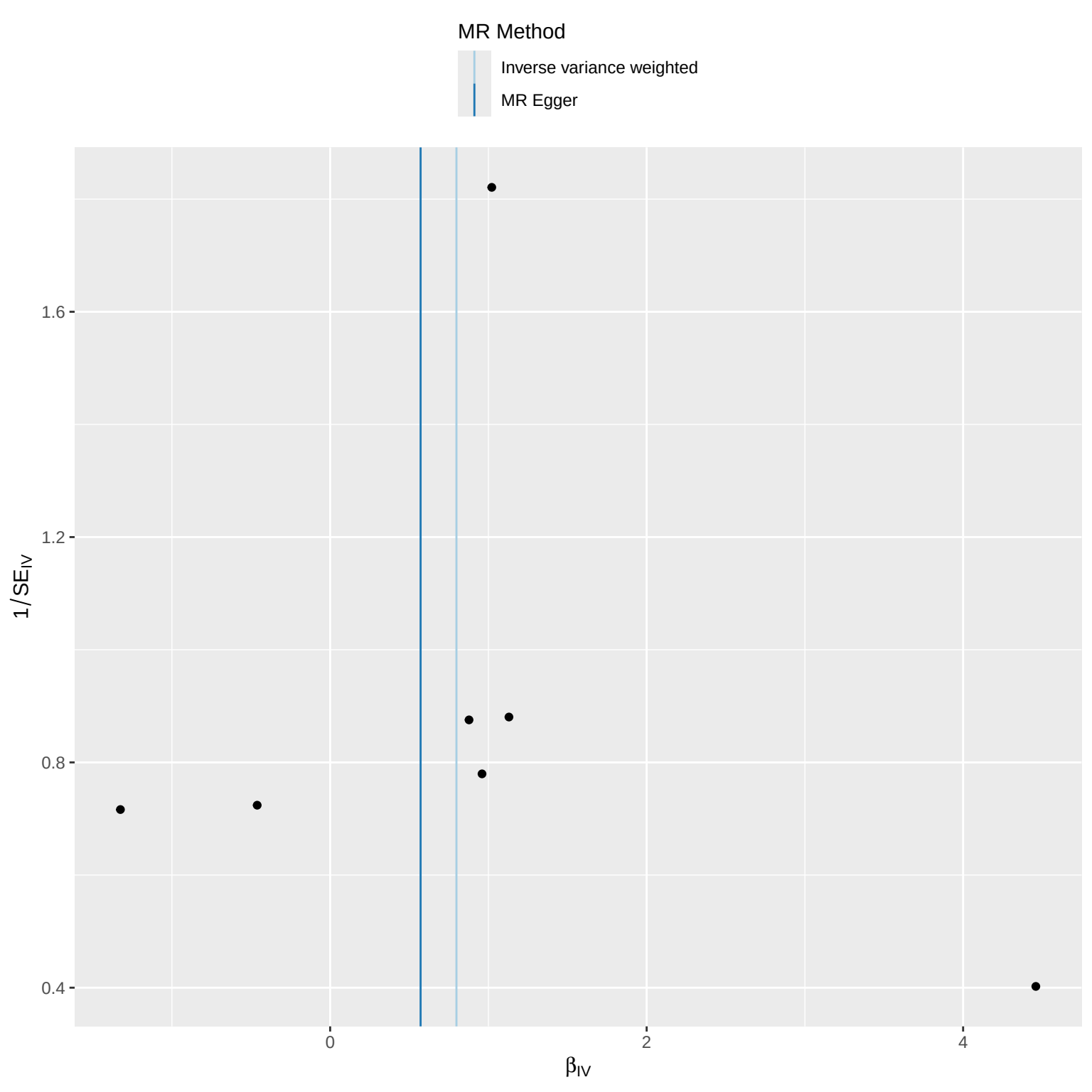

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

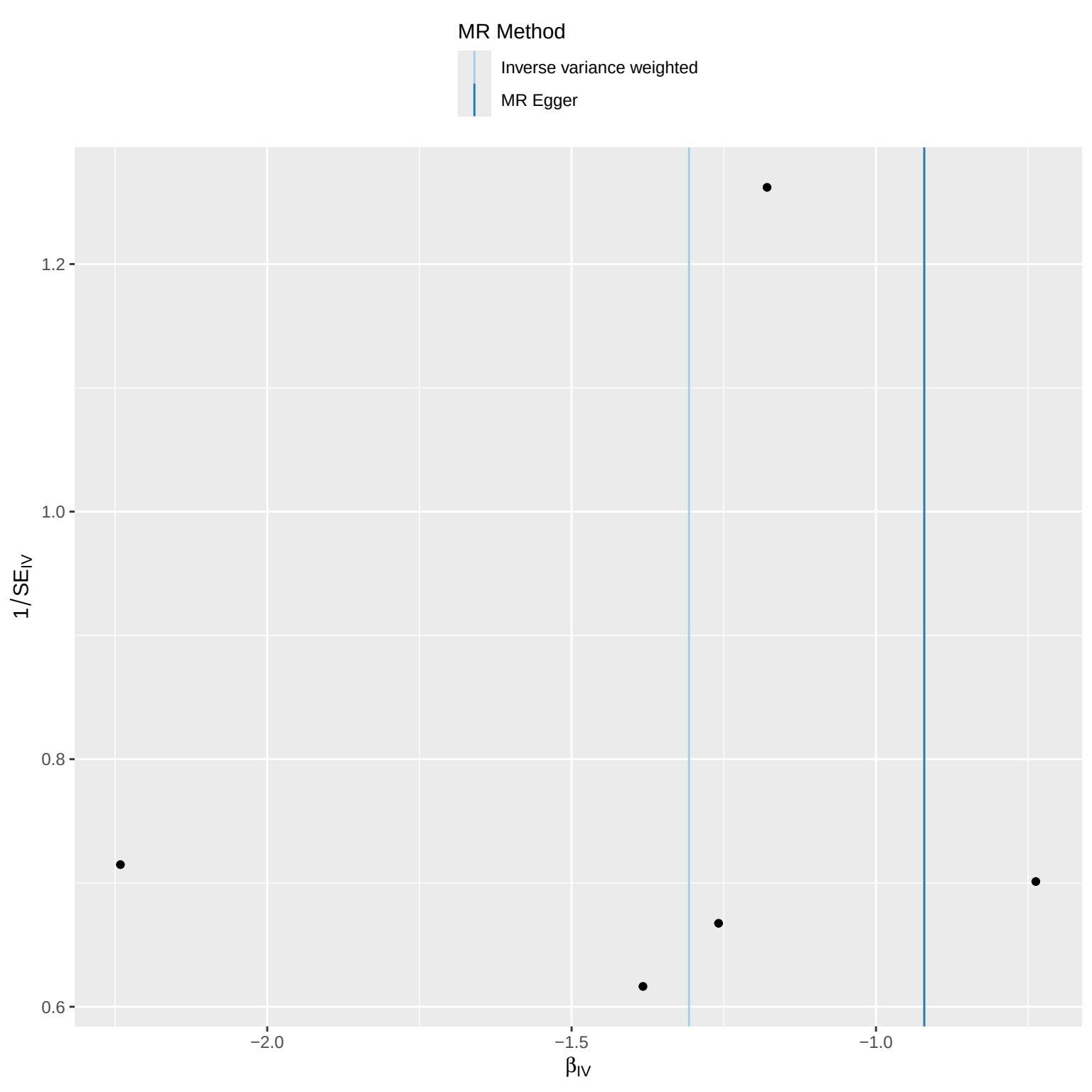

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

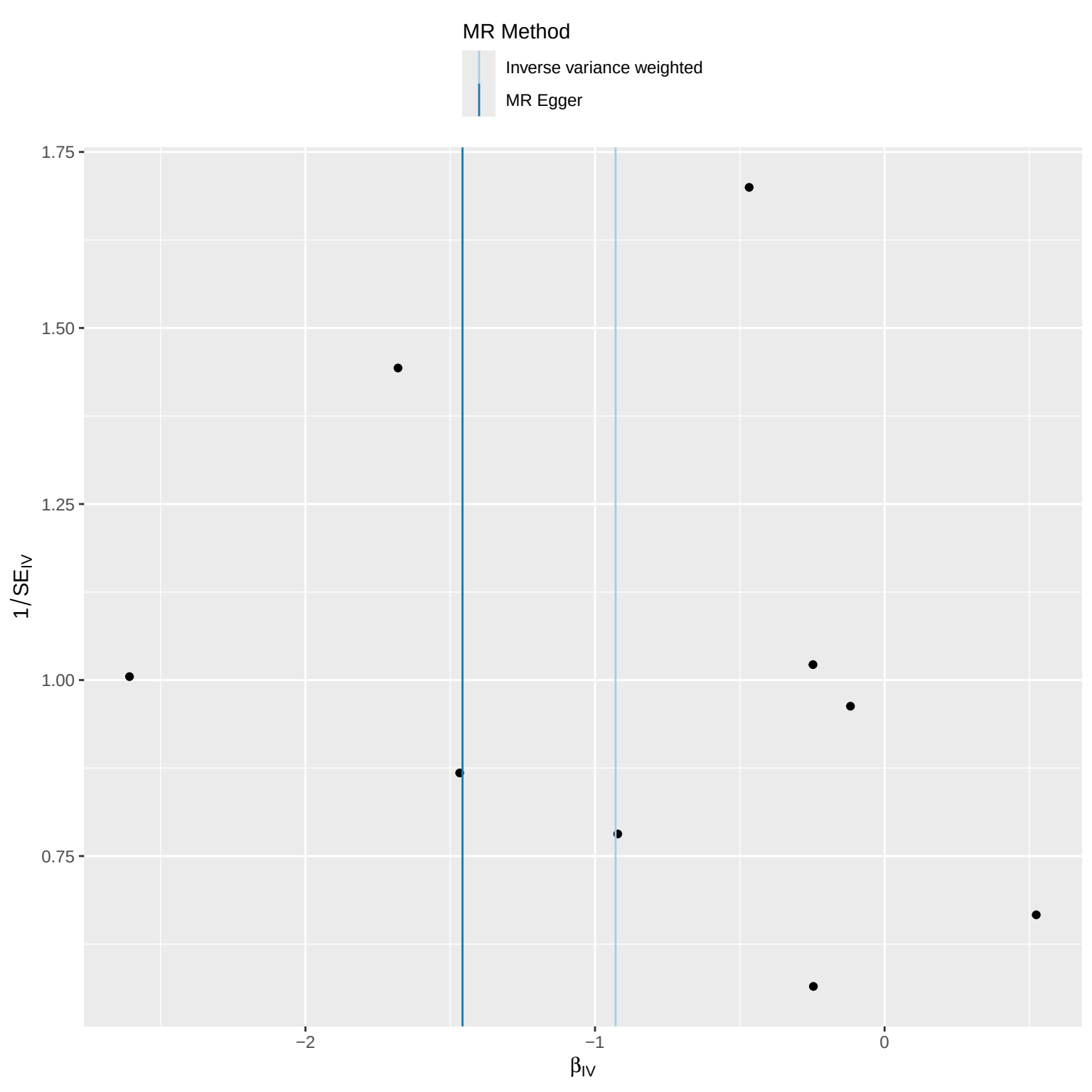

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

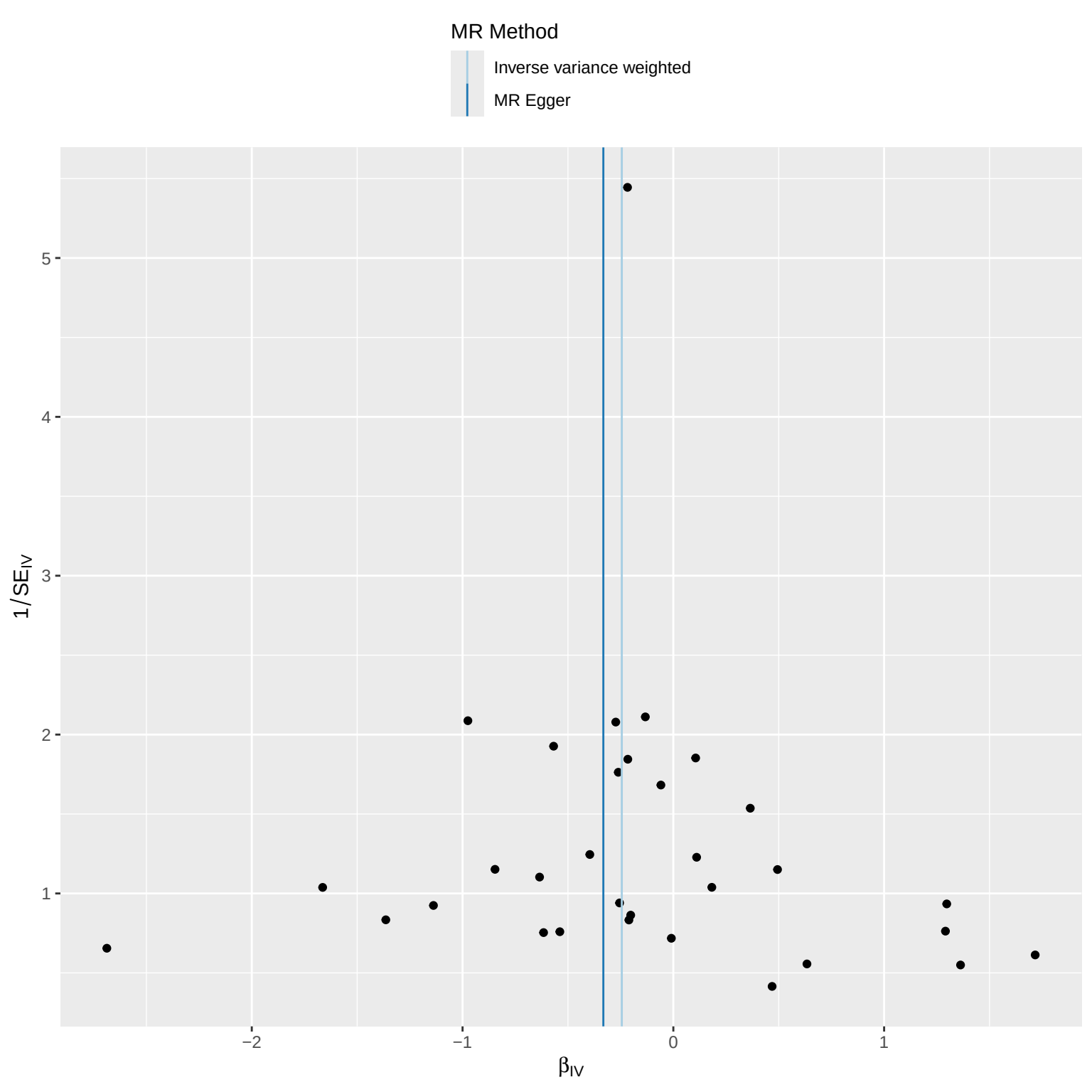

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−1
0
1
β_IV

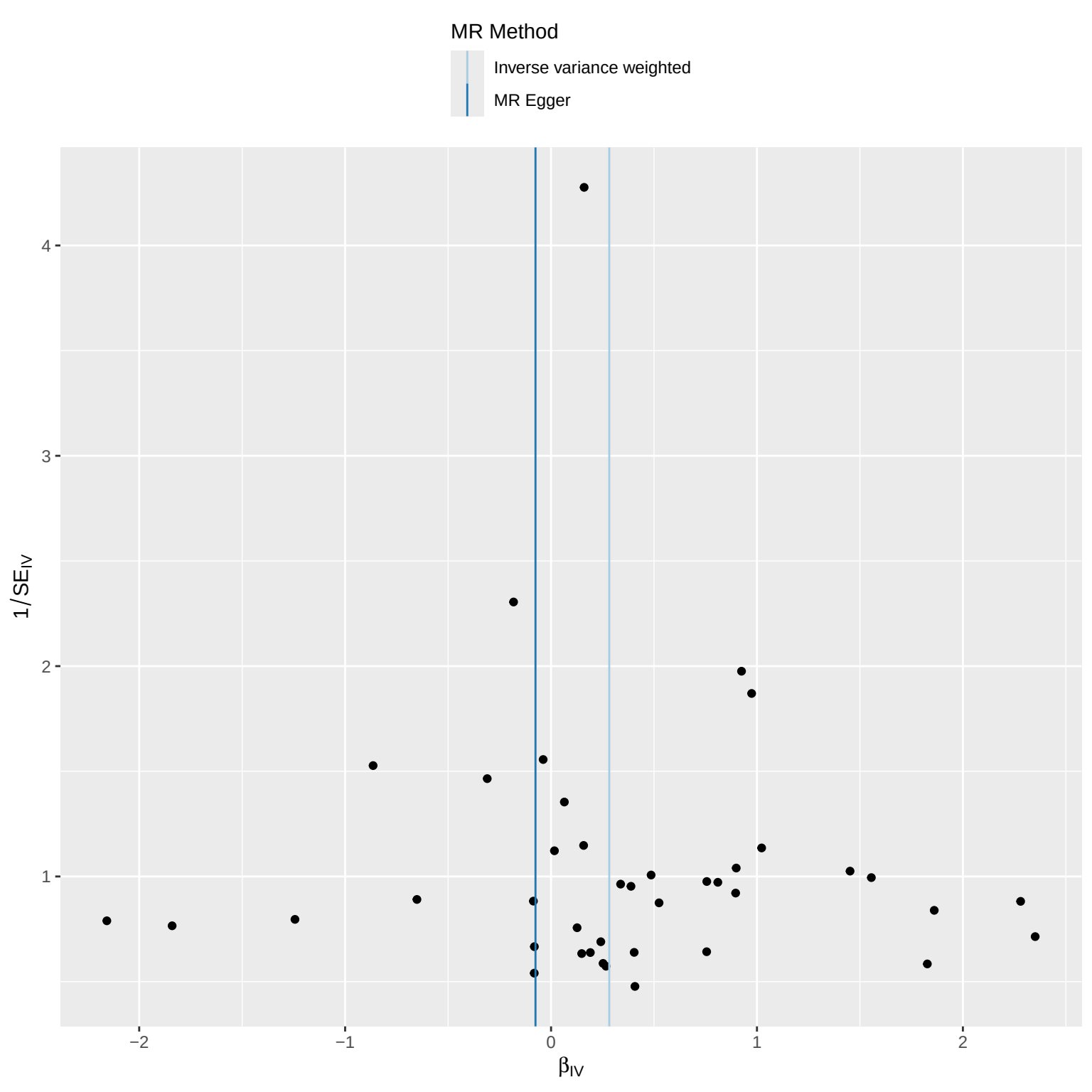

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−1
0
1
2
β_IV

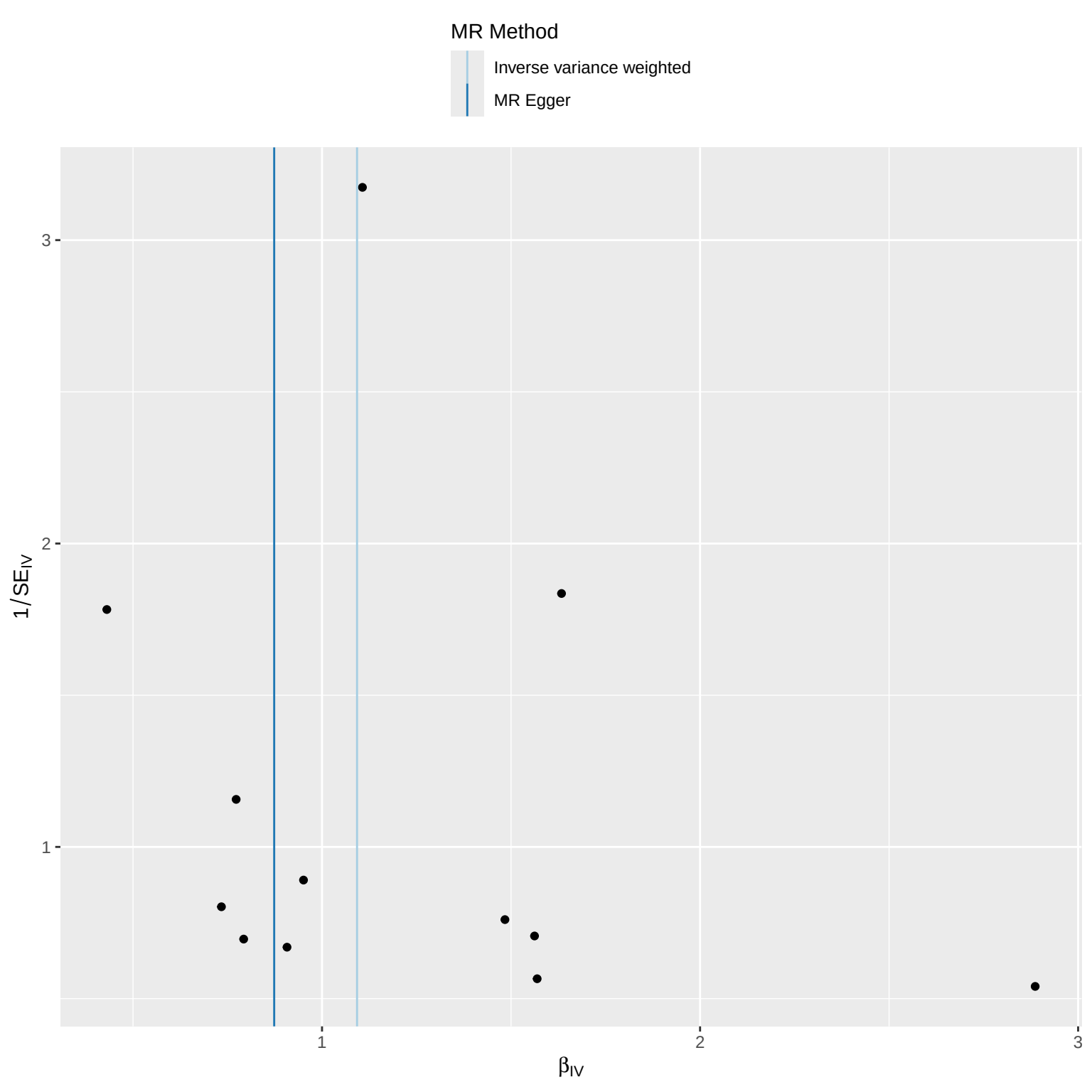

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
0
2
4
β_IV

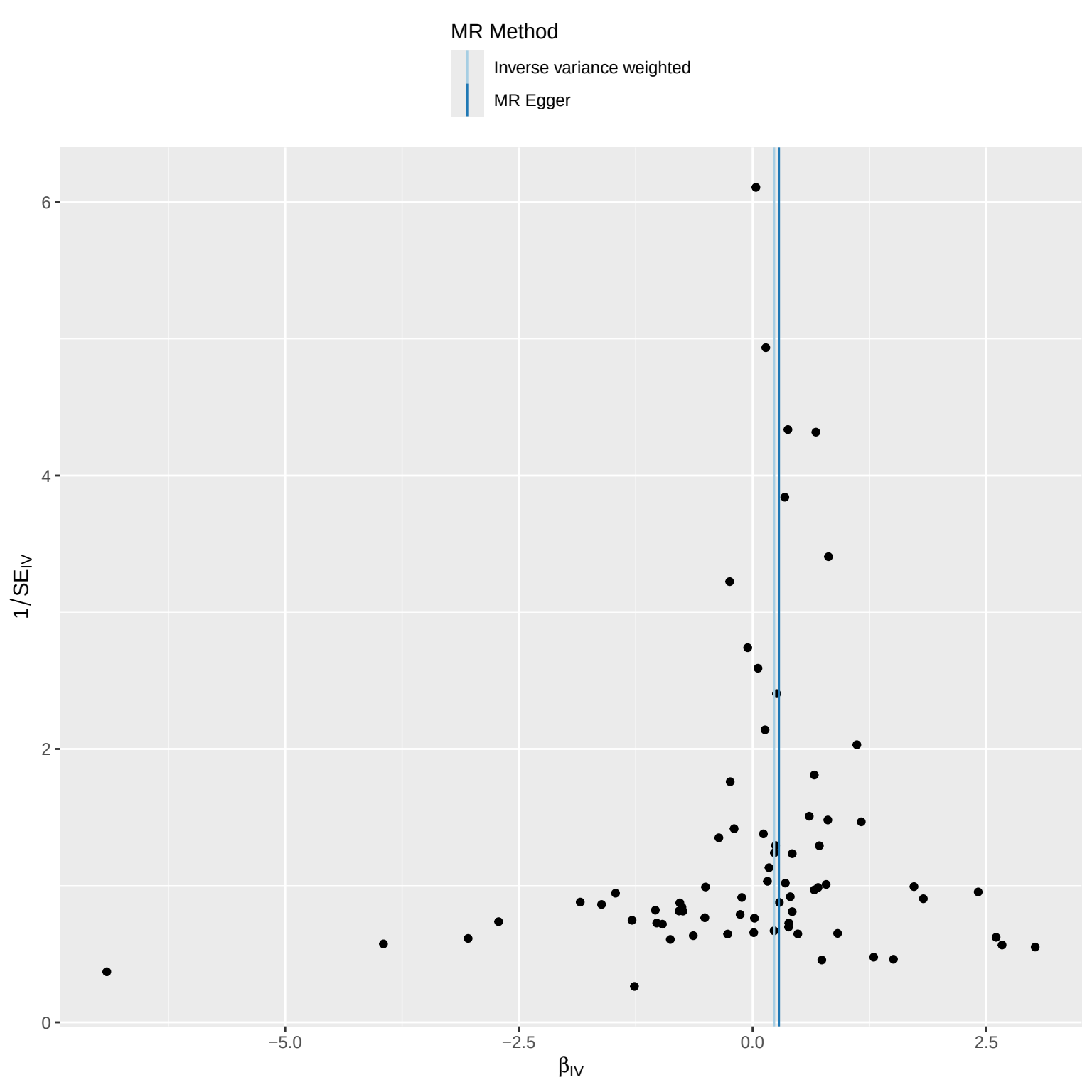

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
0.6
1/SE_IV
−2.0
−1.5
−1.0
β_IV

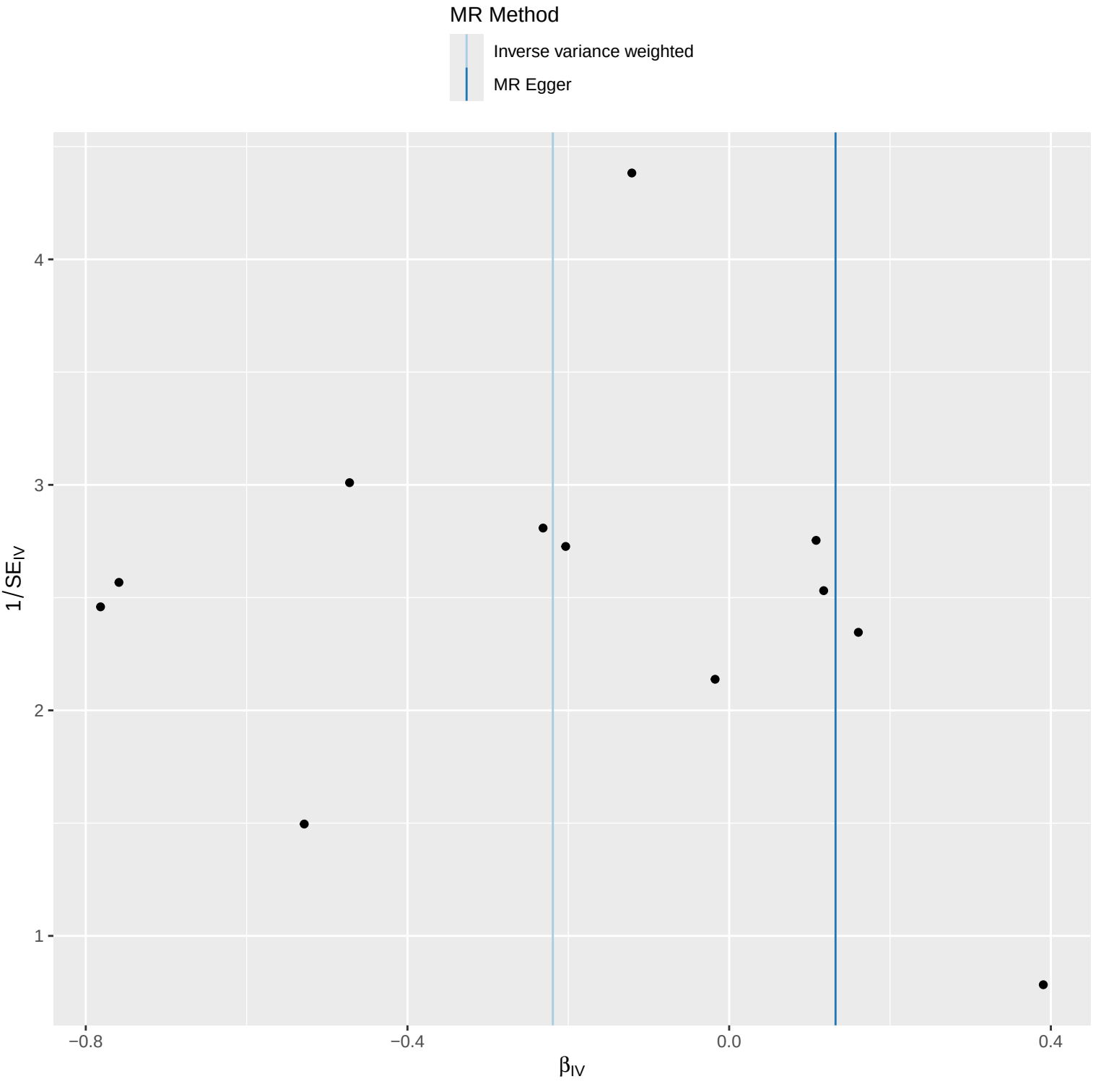

MR Method
Inverse variance weighted
MR Egger
1.75
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
β_IV

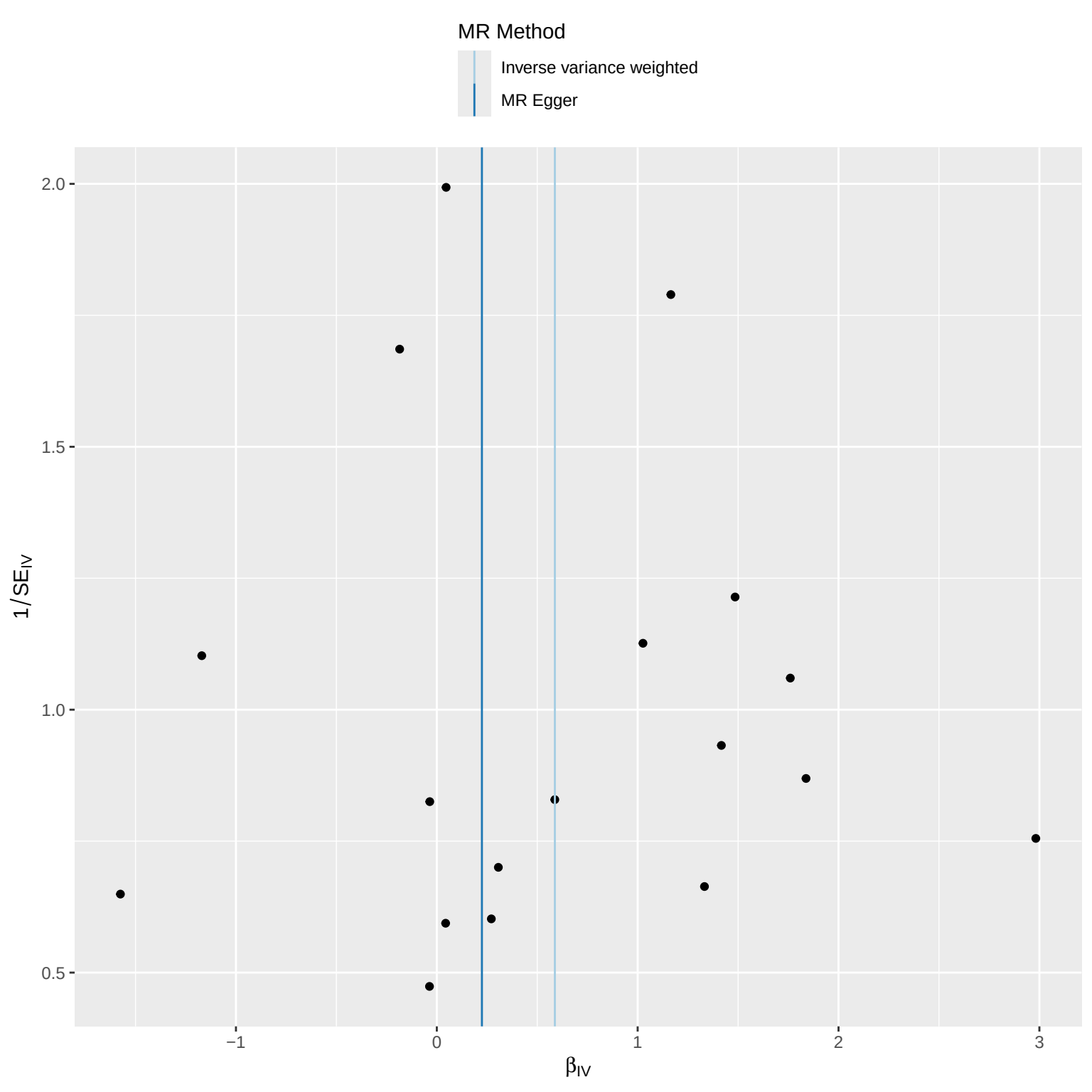

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

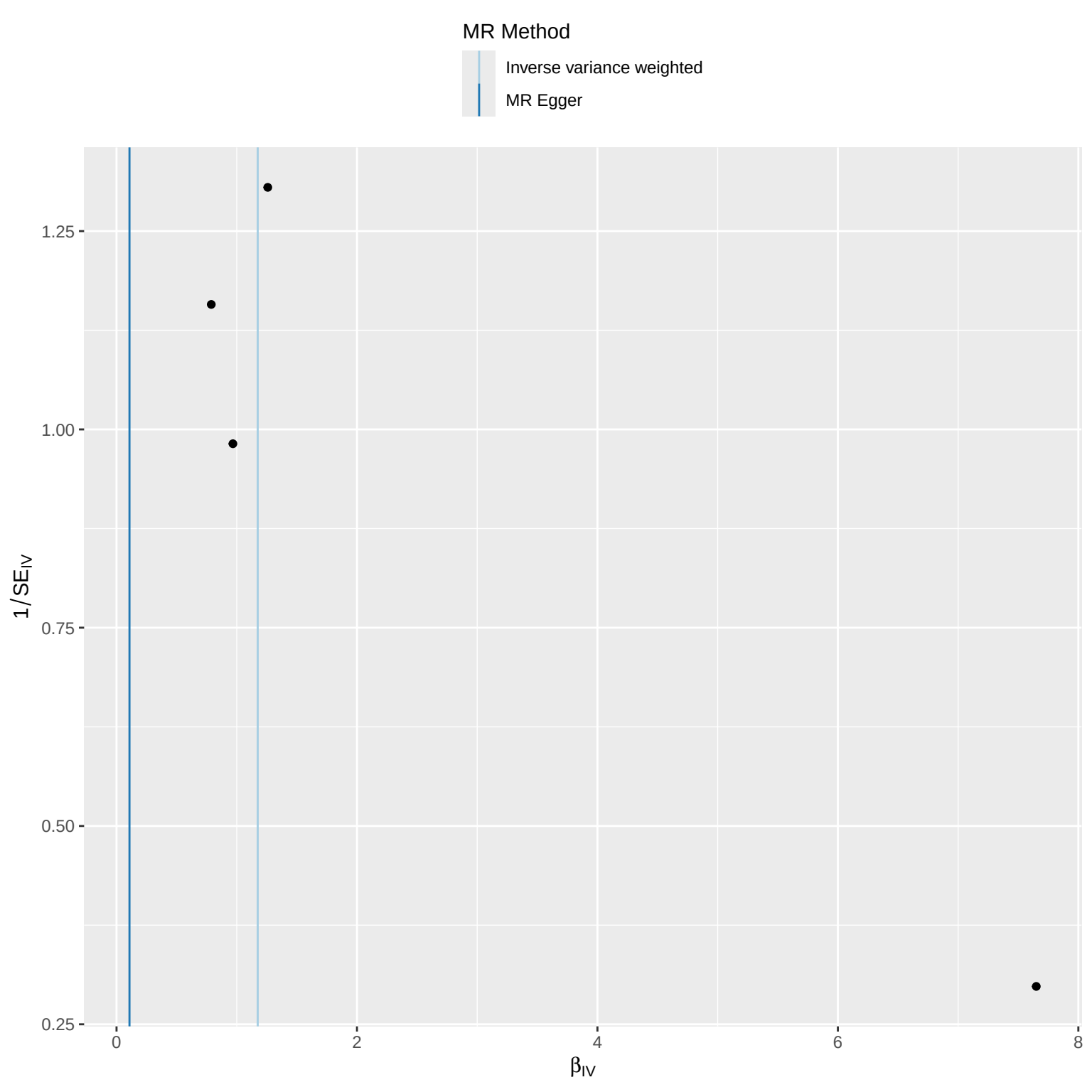

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

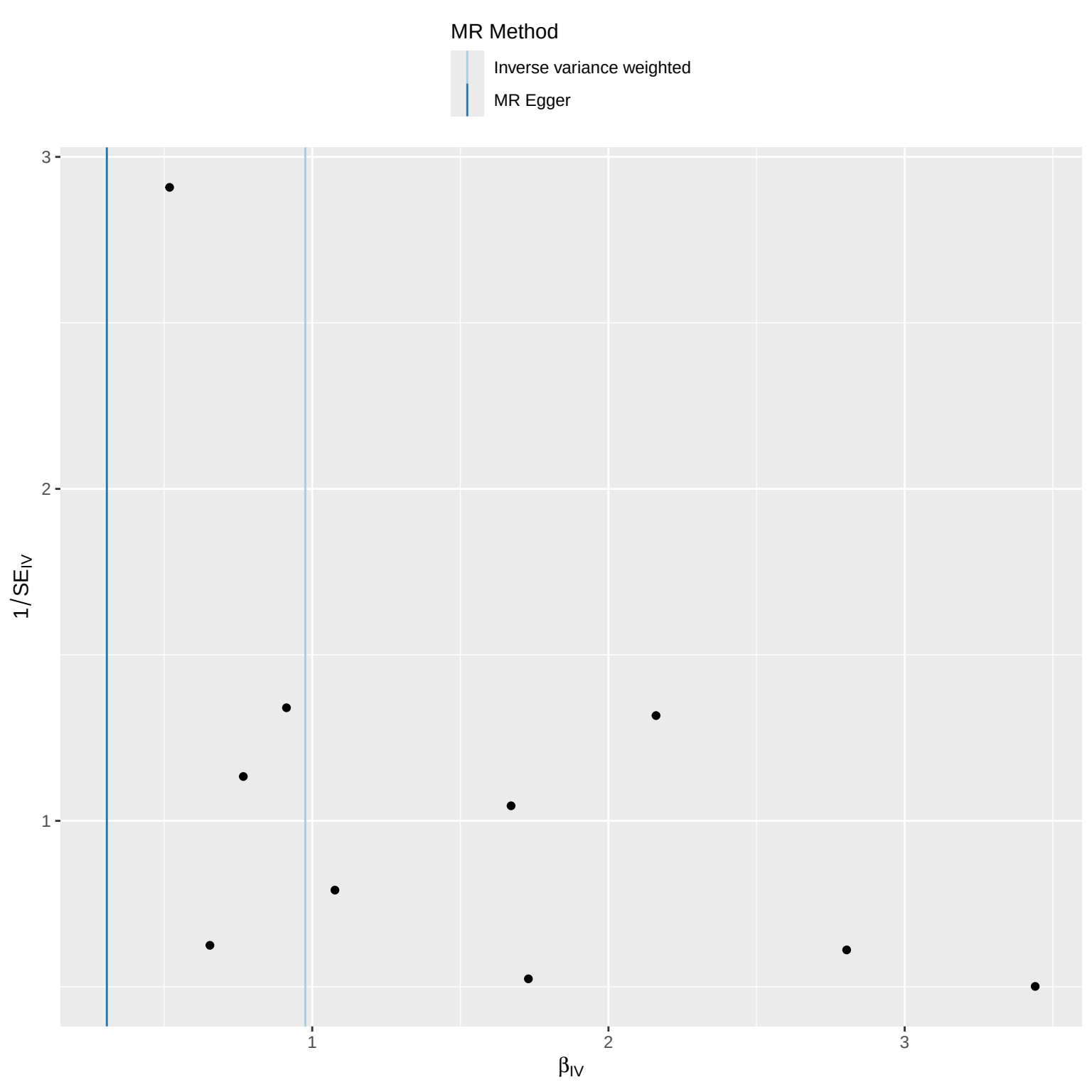

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
1
2
3
β_IV

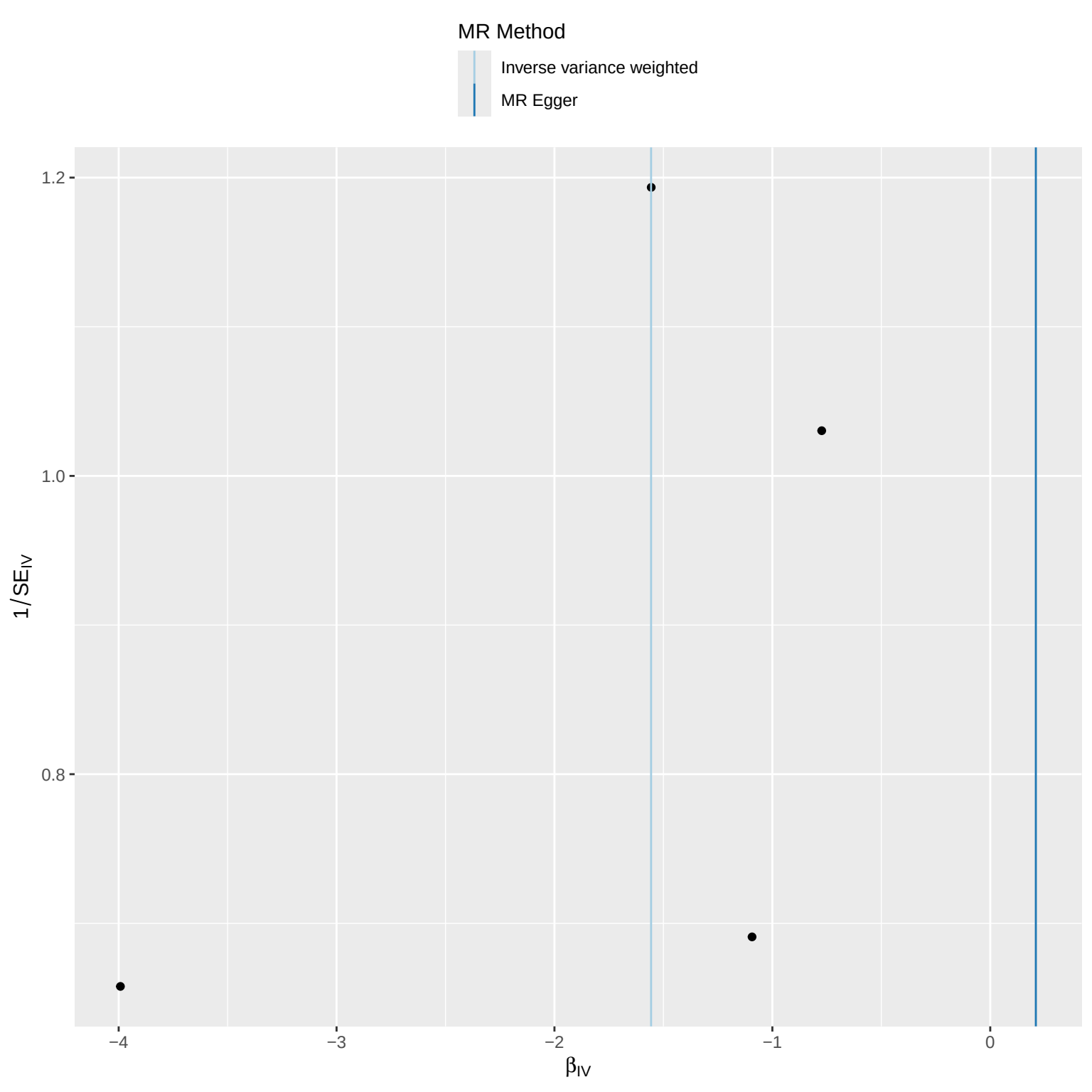

MR Method
Inverse variance weighted
MR Egger
6
4
2
0
1/SE_IV
−5.0
−2.5
0.0
2.5
β_IV

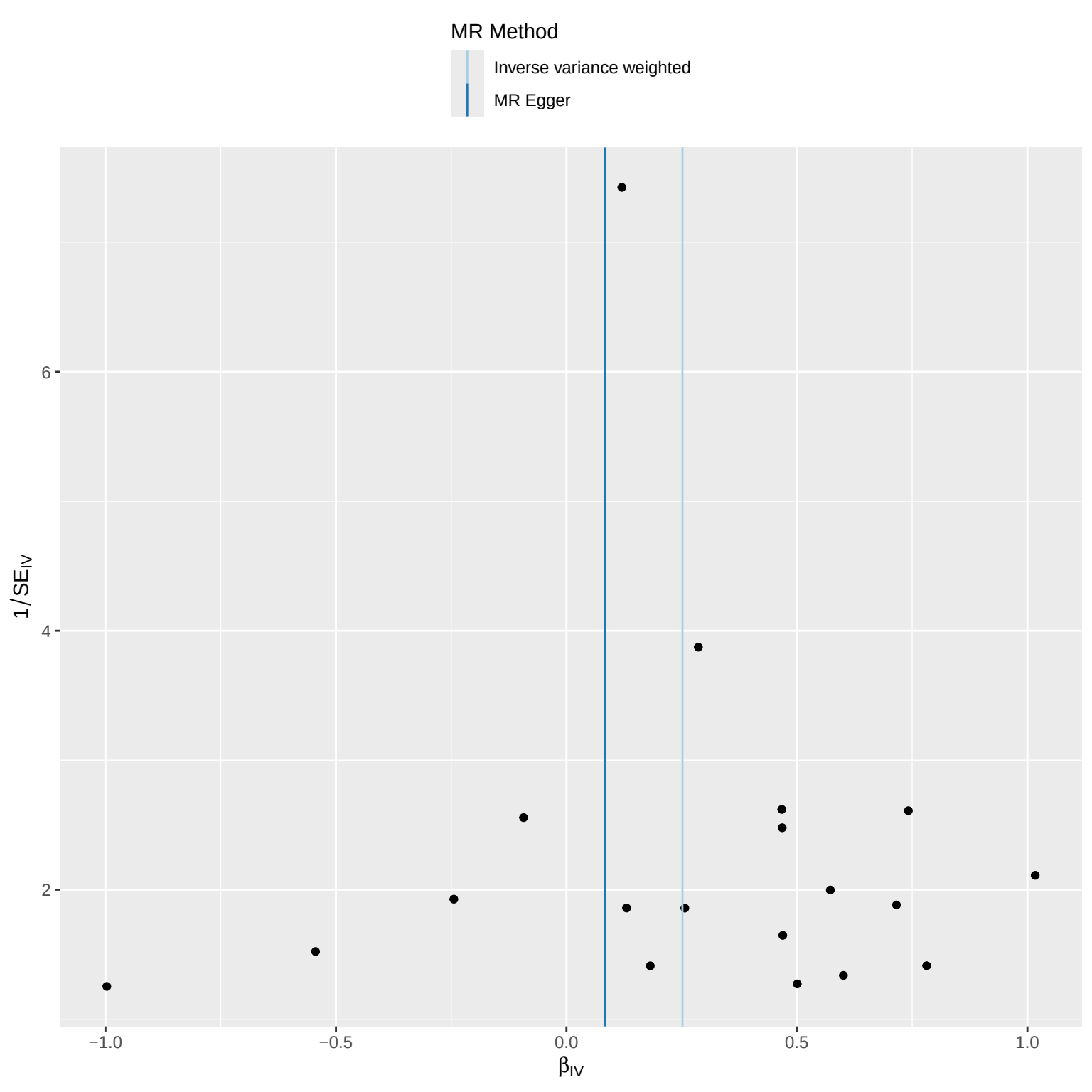

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−0.8
−0.4
0.0
0.4
β_IV

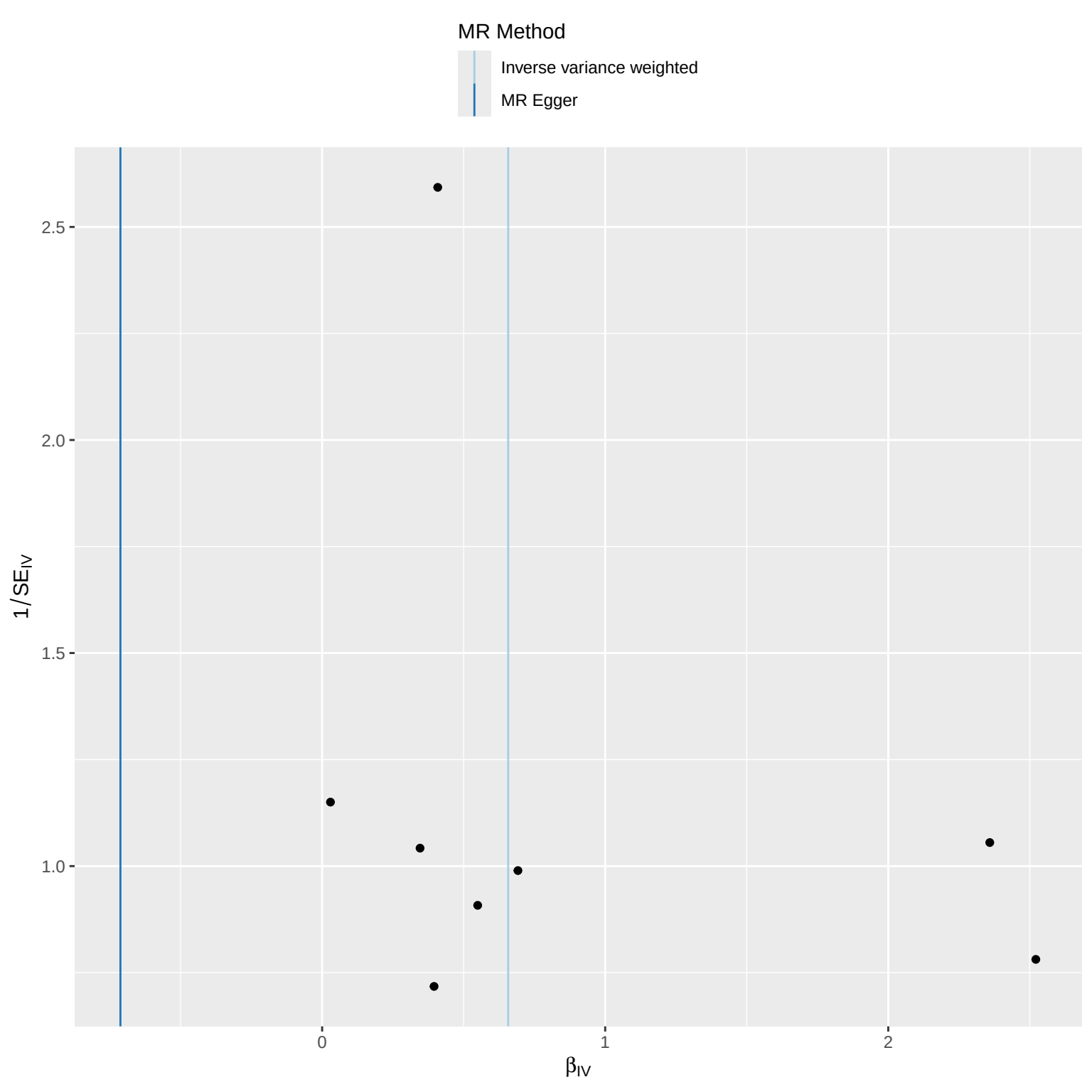

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

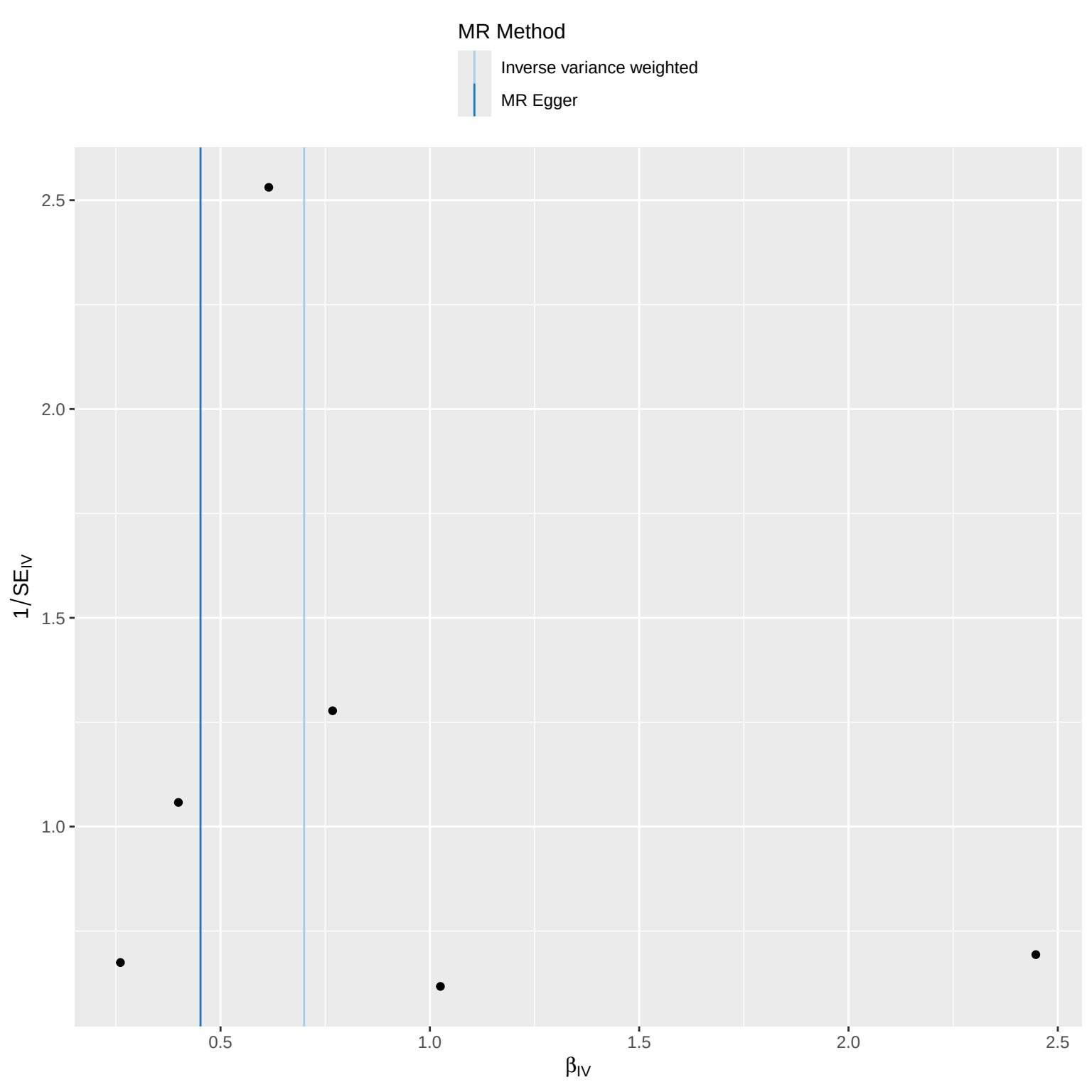

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
0.25
1/SE_IV
0
2
4
6
8
β_IV

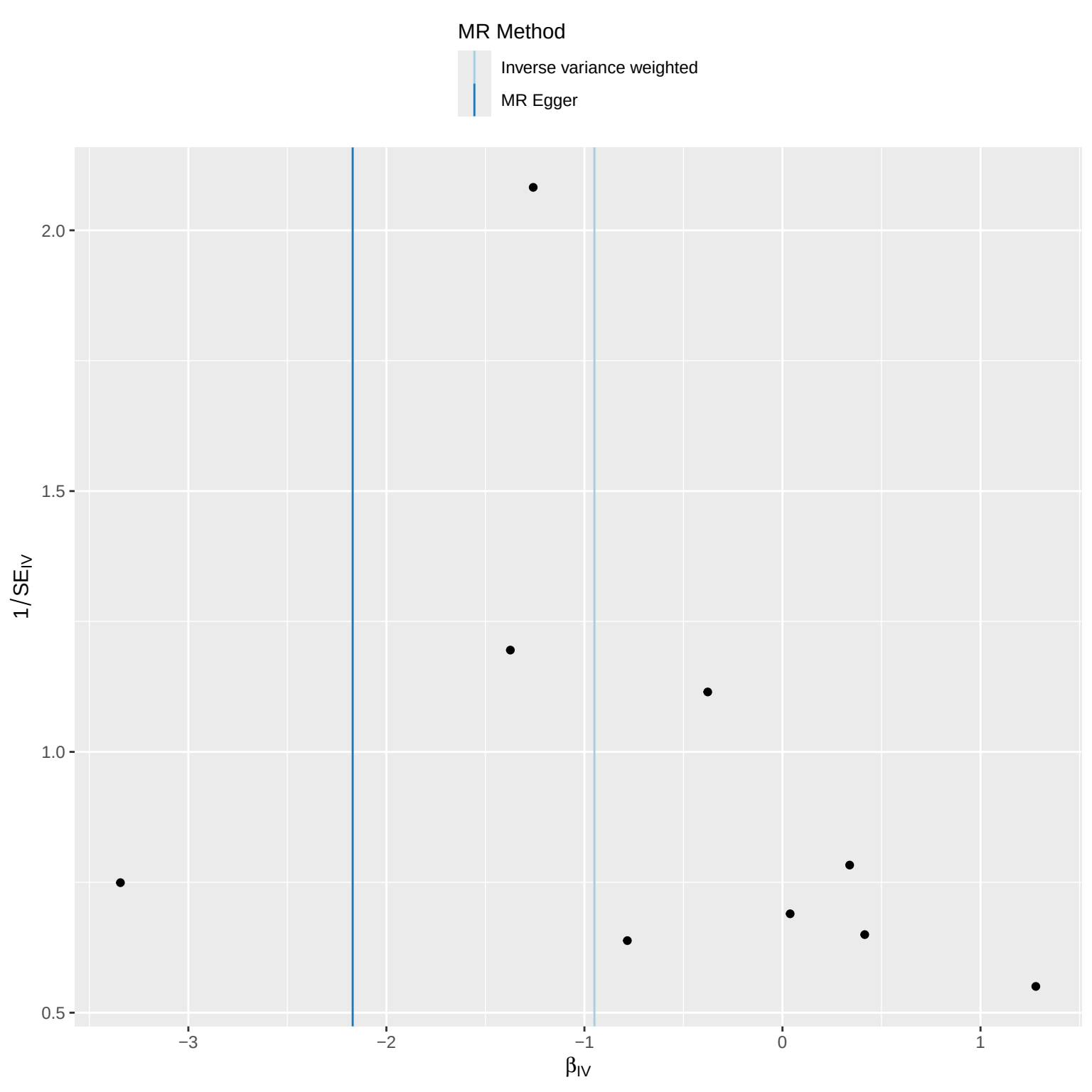

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
1
2
3
β_IV

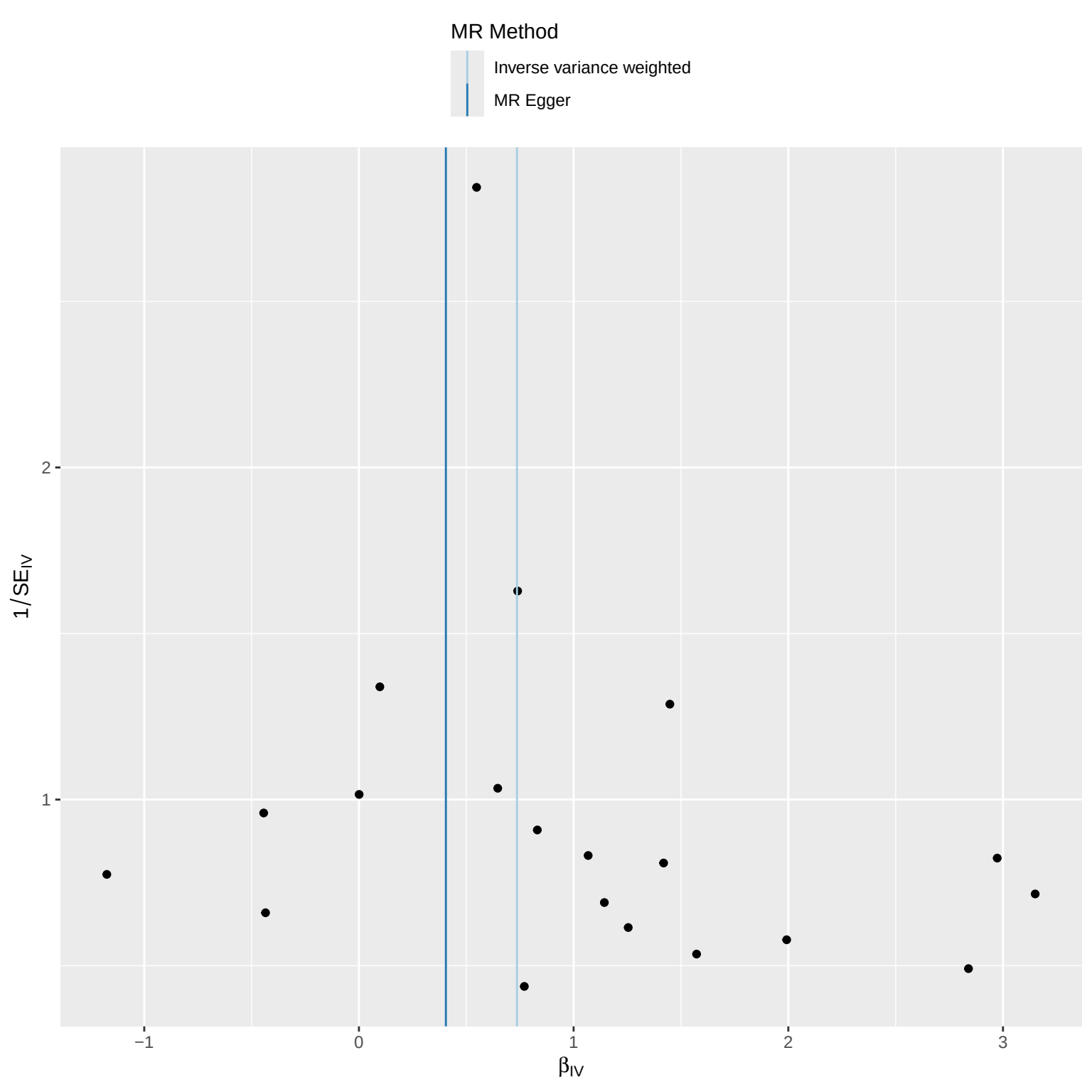

MR Method
Inverse variance weighted
MR Egger
1.2
1.0
0.8
1/SE_IV
−4
−3
−2
−1
0
β_IV

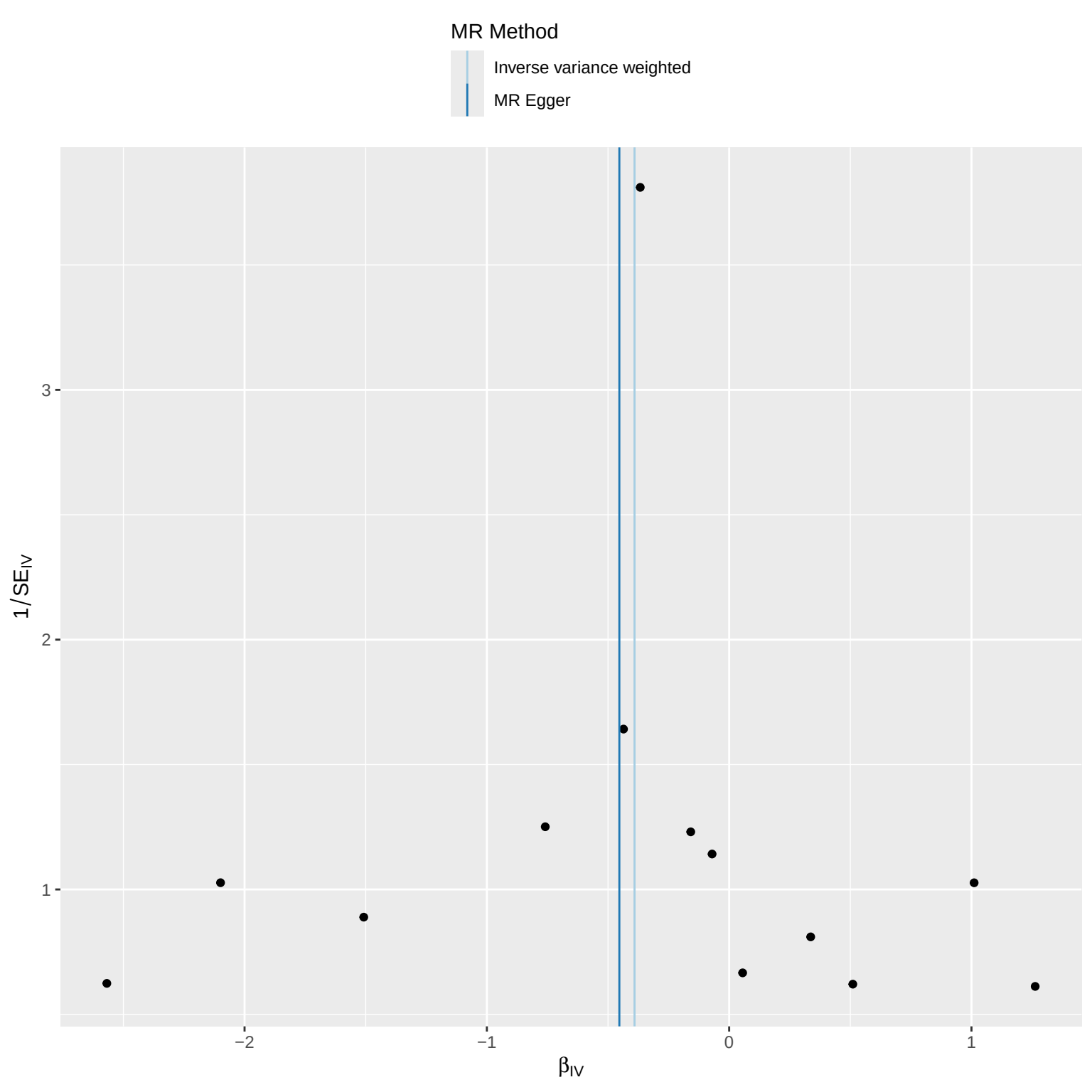

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

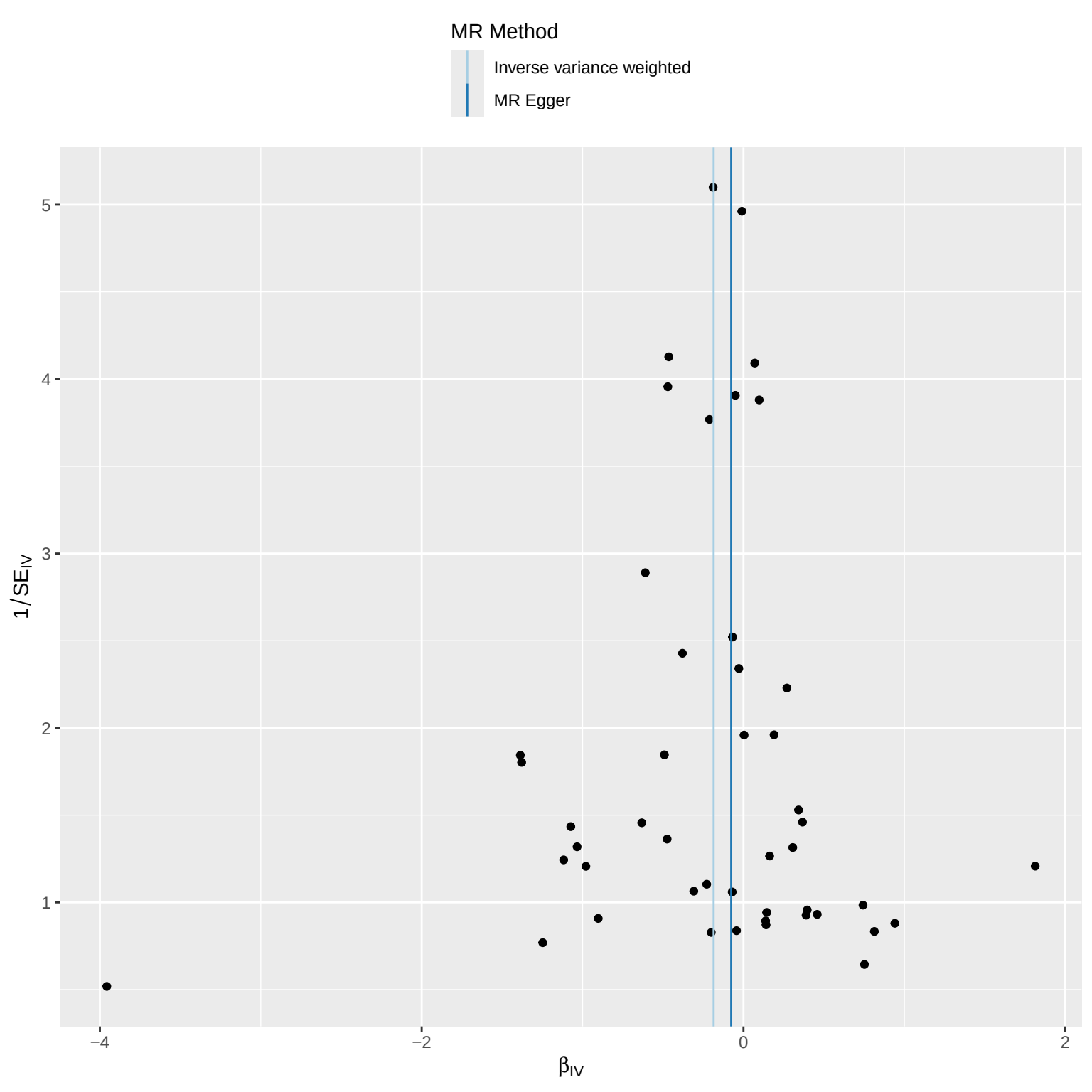

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

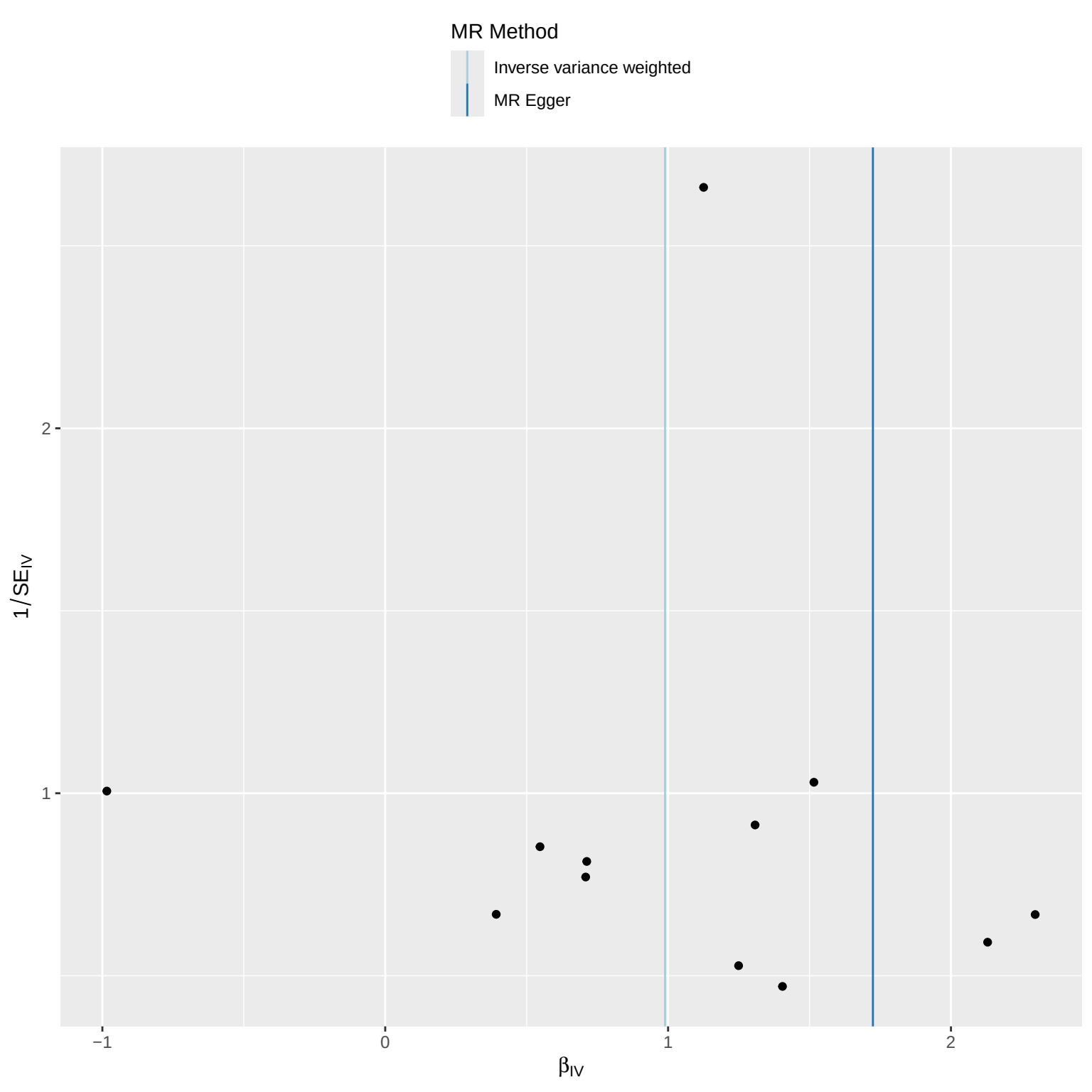

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
0.5
1.0
1.5
2.0
2.5
β_IV

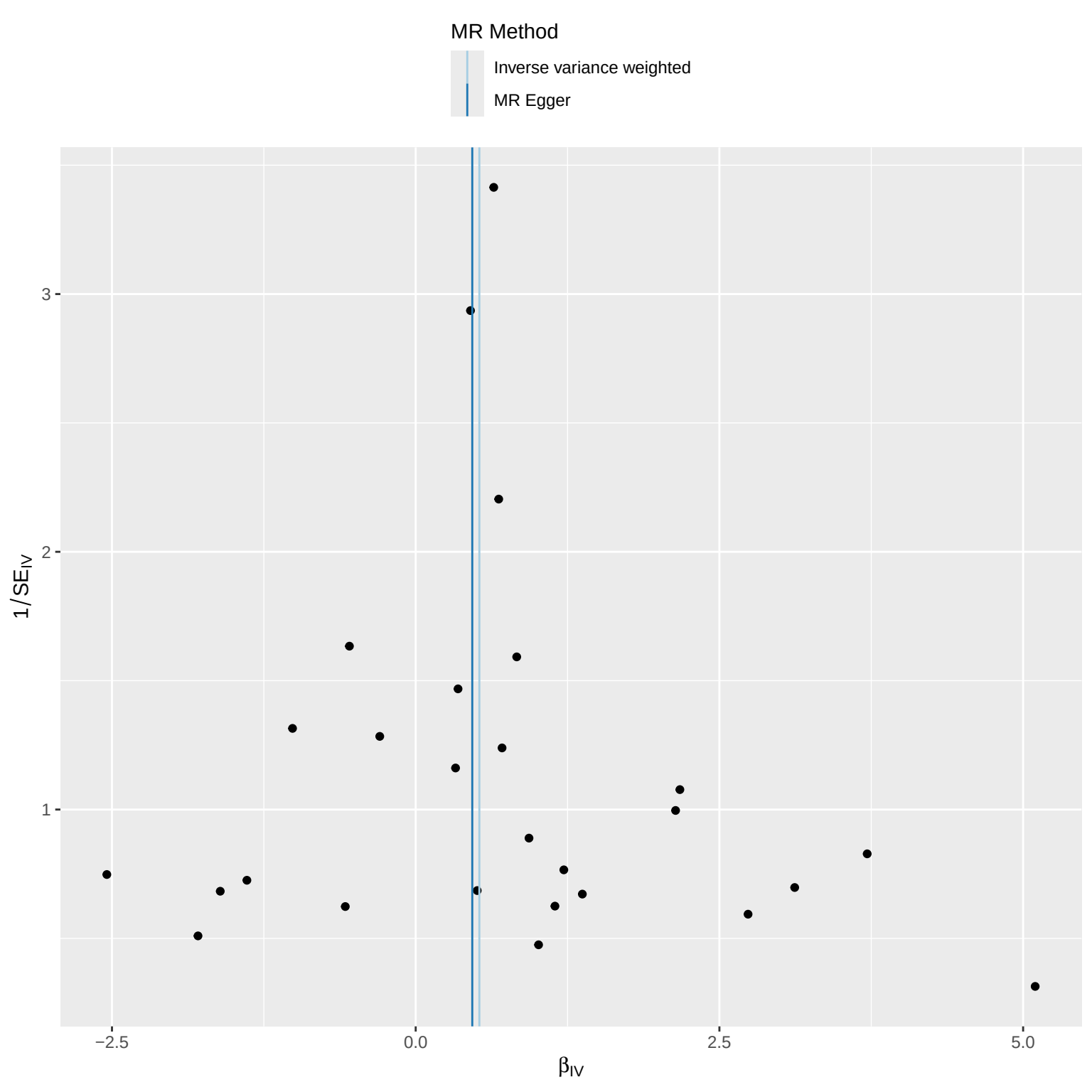

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−3
−2
−1
0
1
β_IV

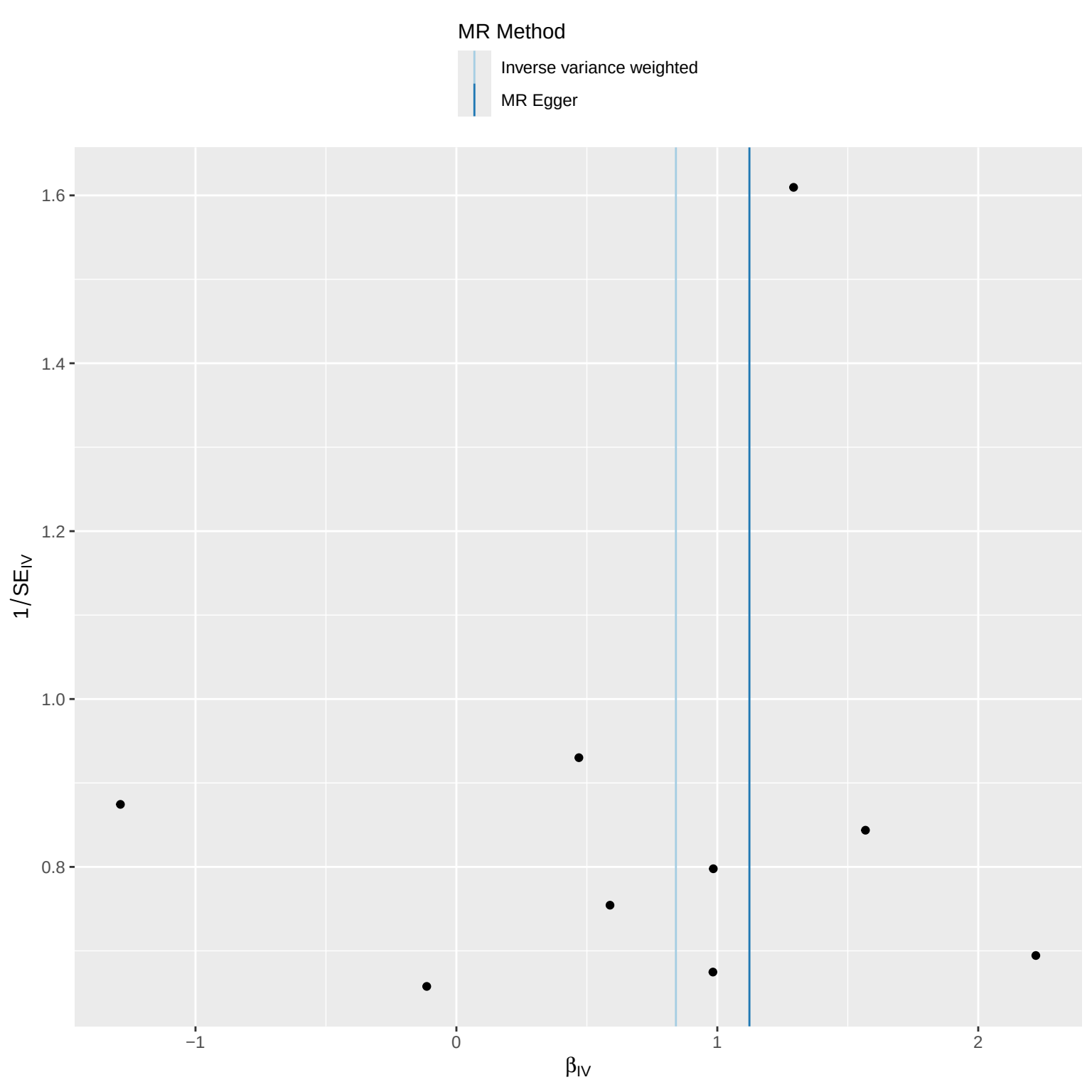

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
3
β_IV

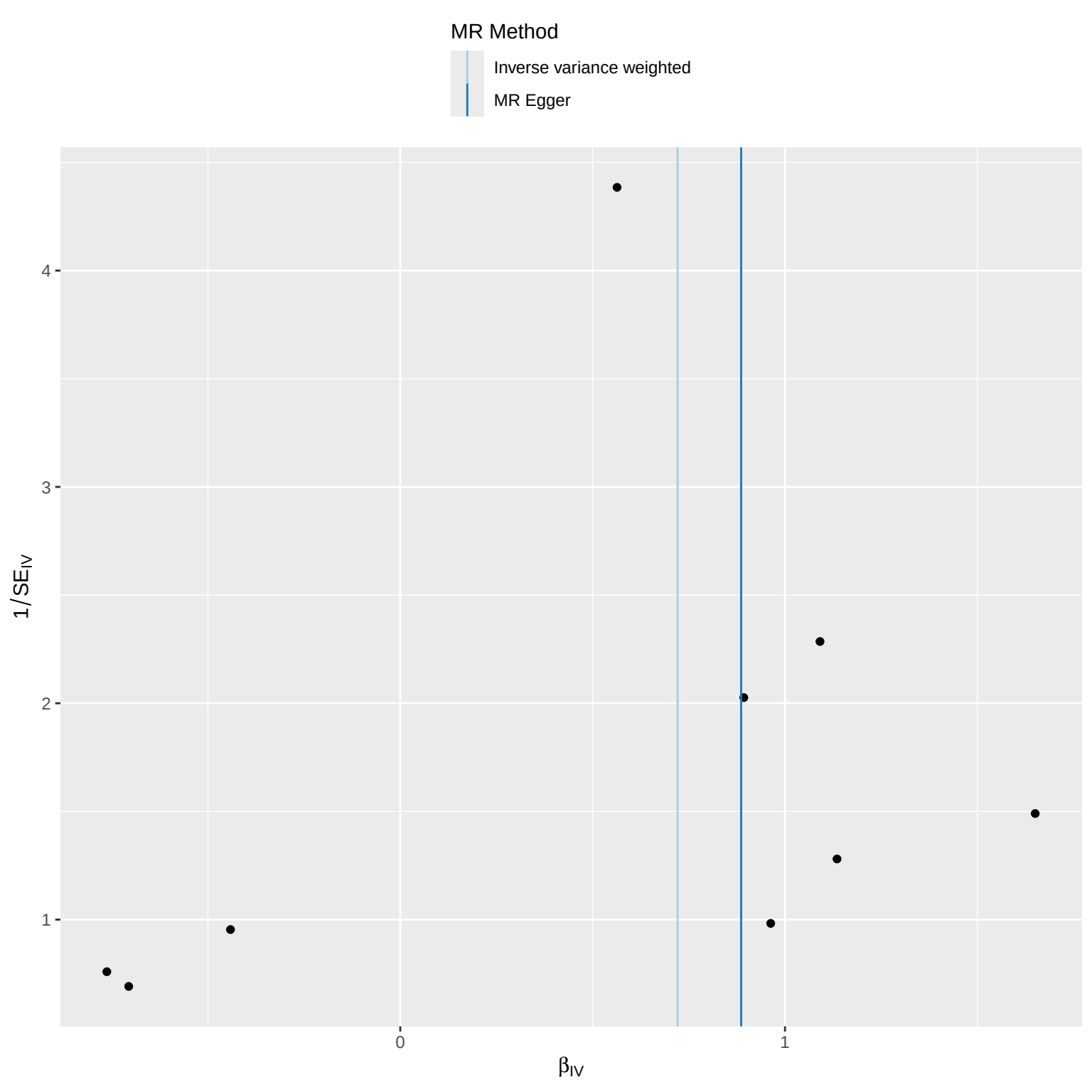

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

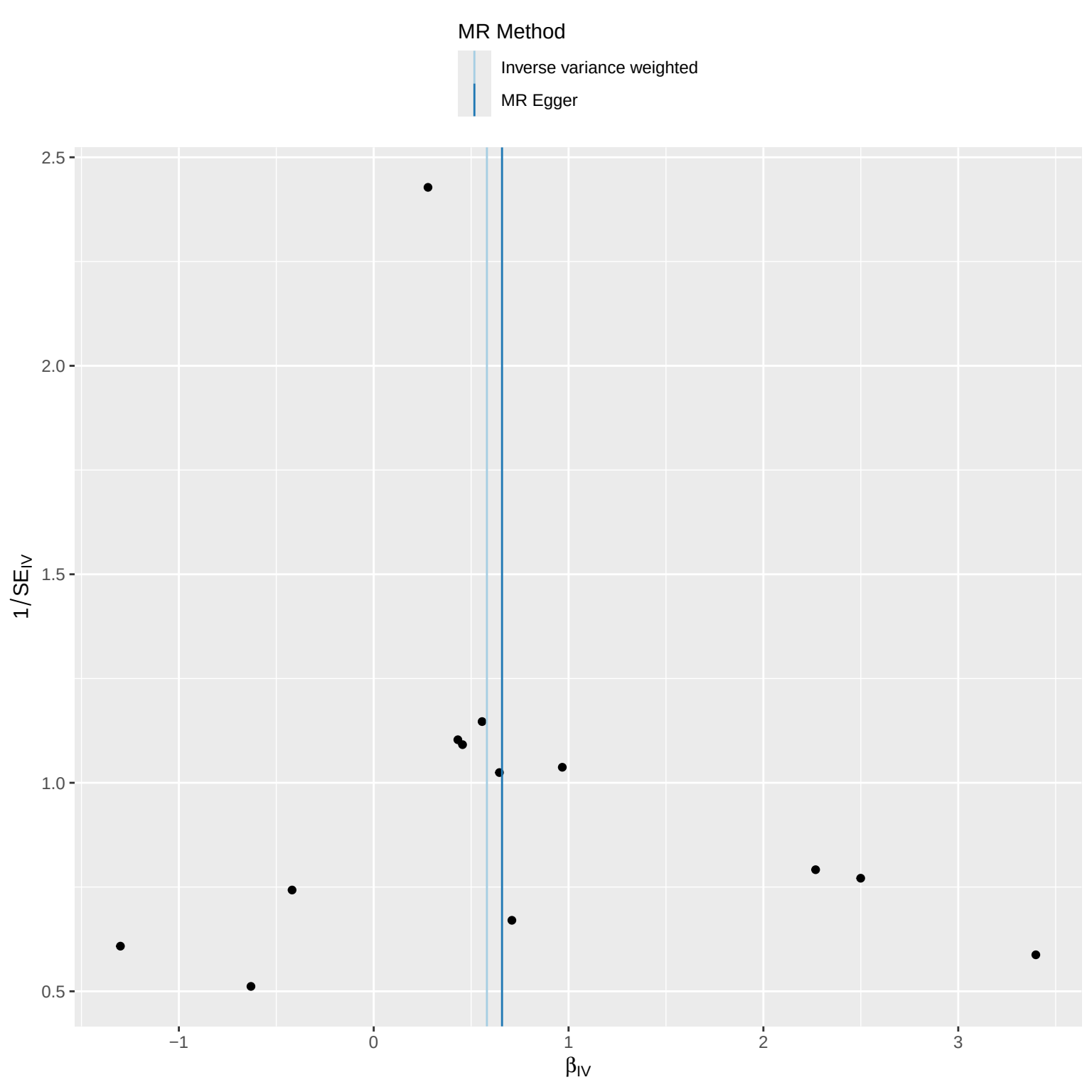

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

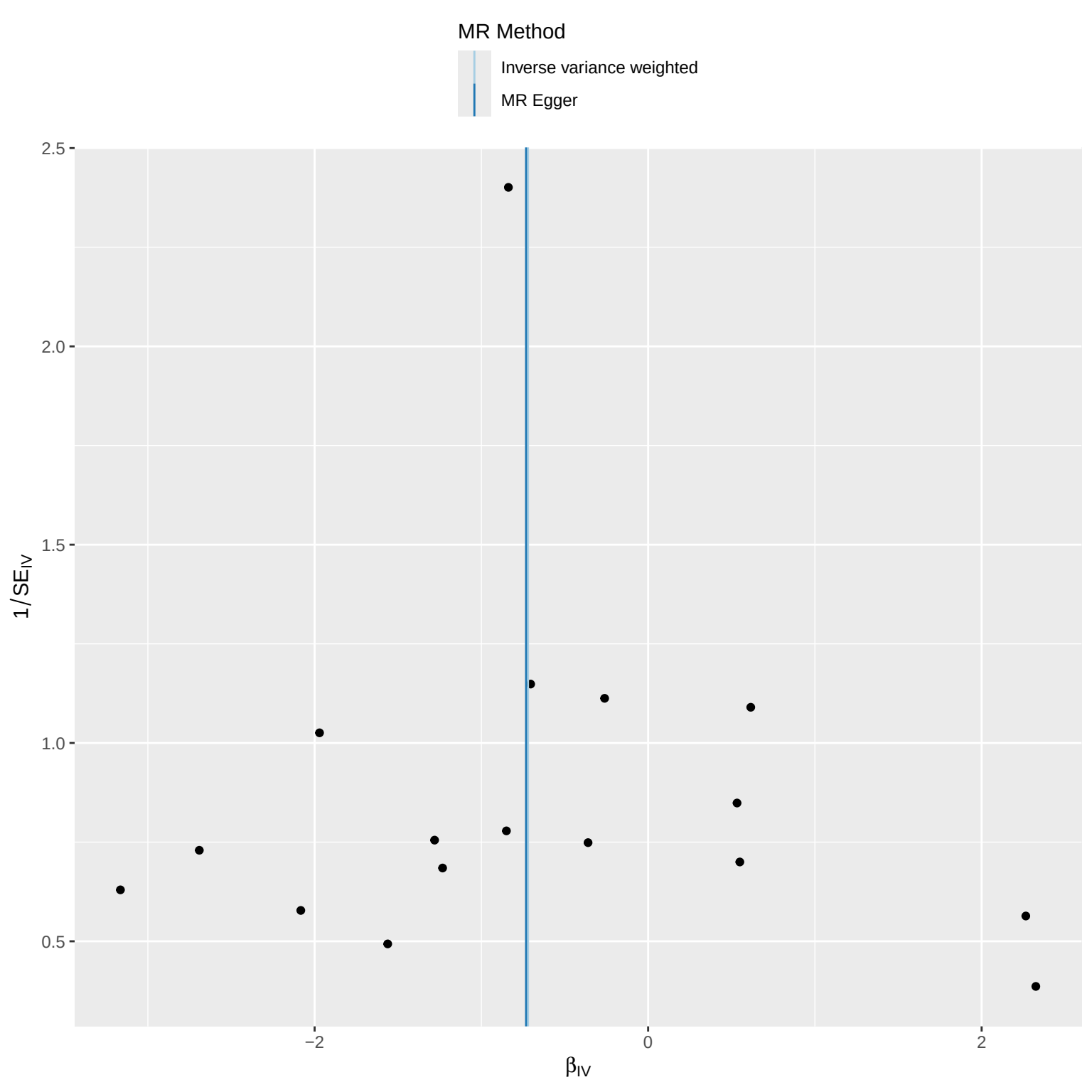

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−1
0
1
2
β_IV

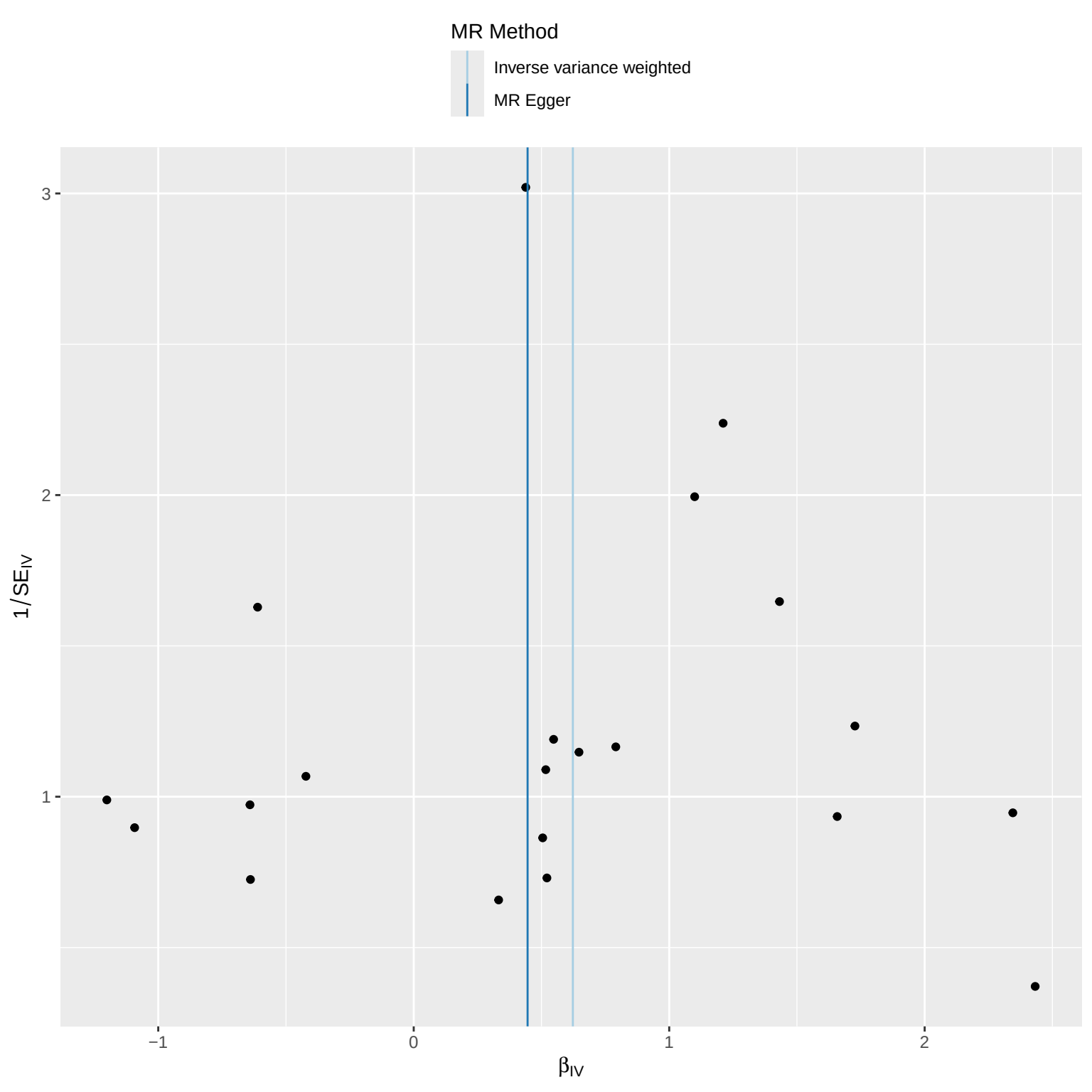

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2.5
0.0
2.5
5.0
β_IV

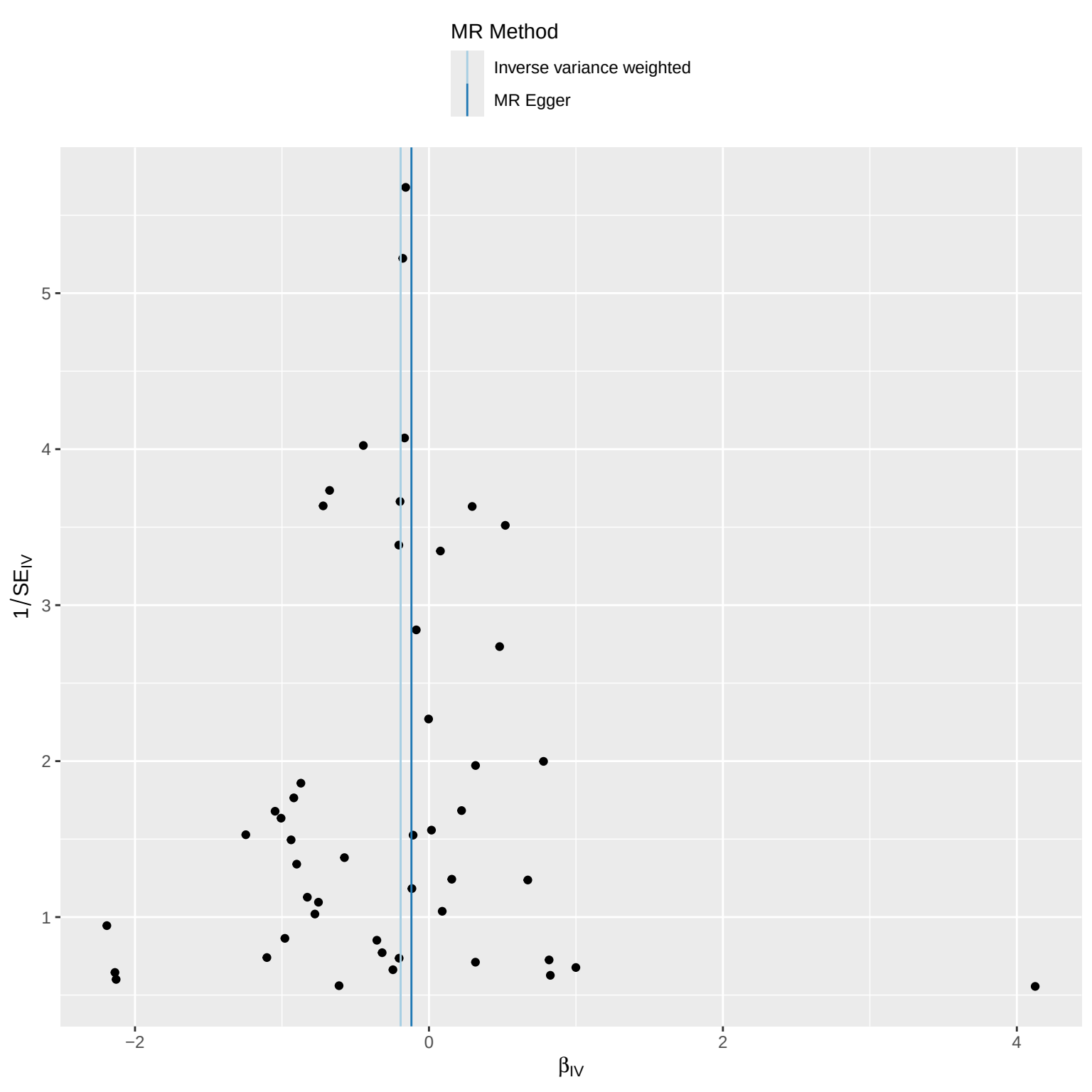

MR Method
Inverse variance weighted
MR Egger
1.6
1.4
1.2
1.0
0.8
1/SE_IV
−1
0
1
2
β_IV

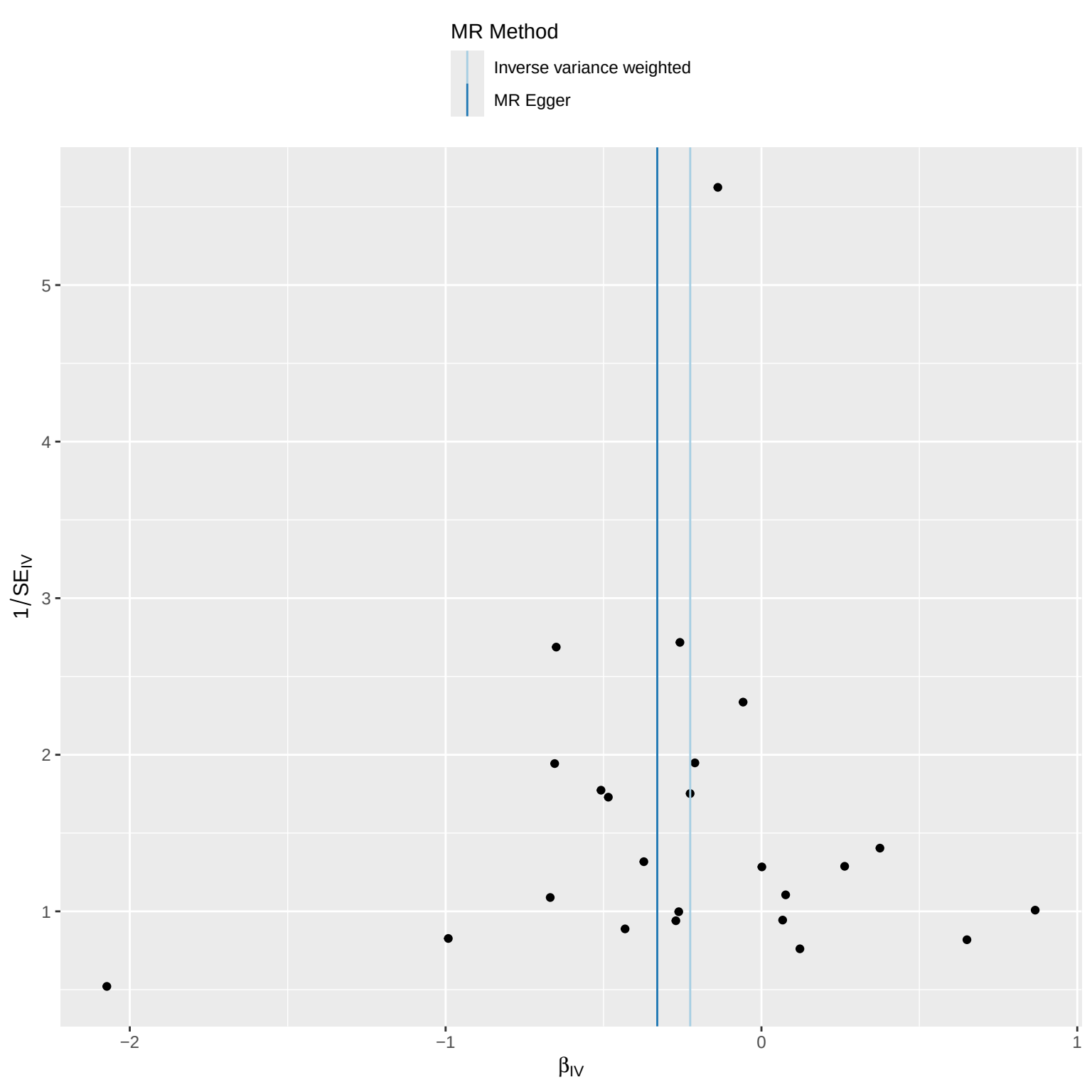

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
0
1
β_IV

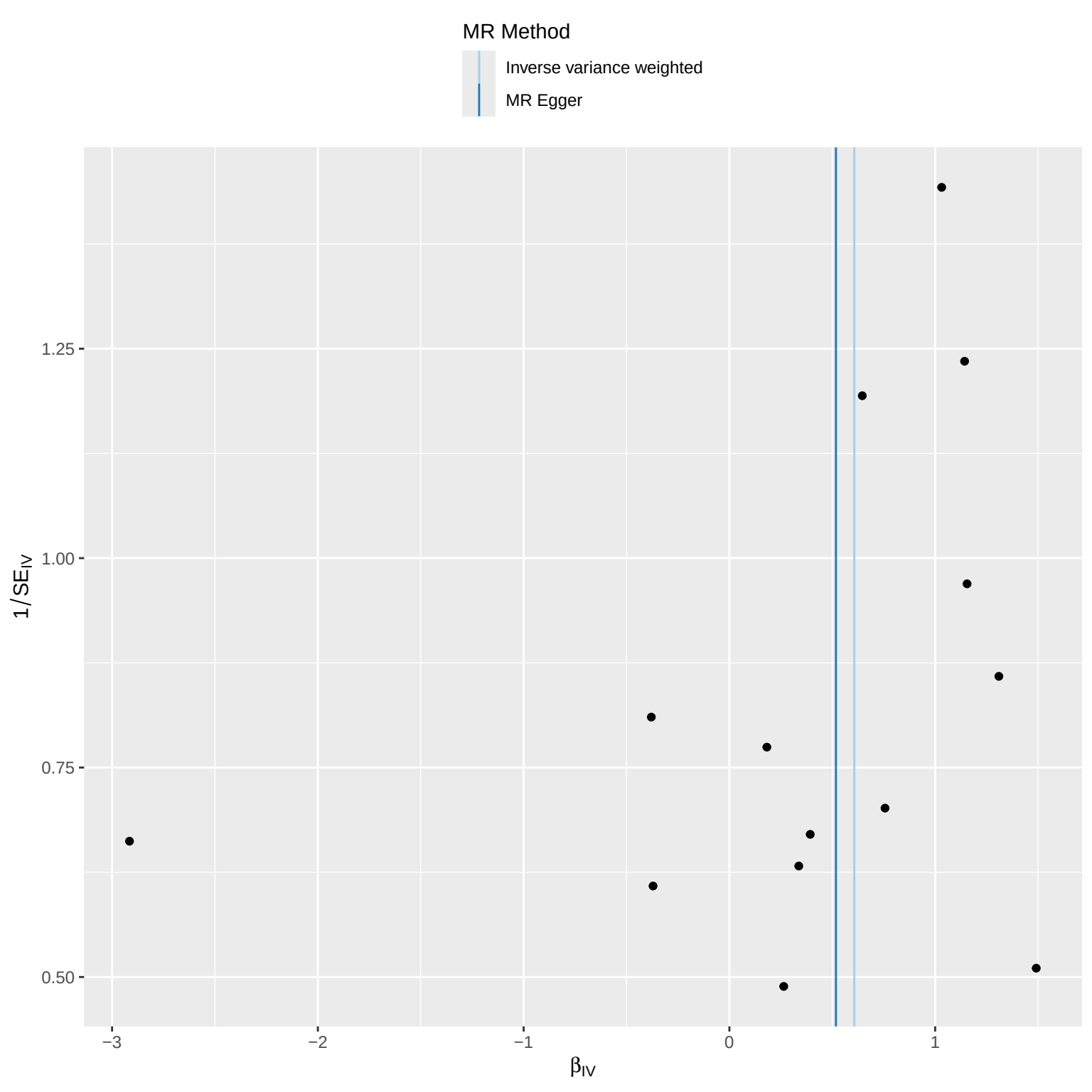

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1
0
1
2
3
β_IV

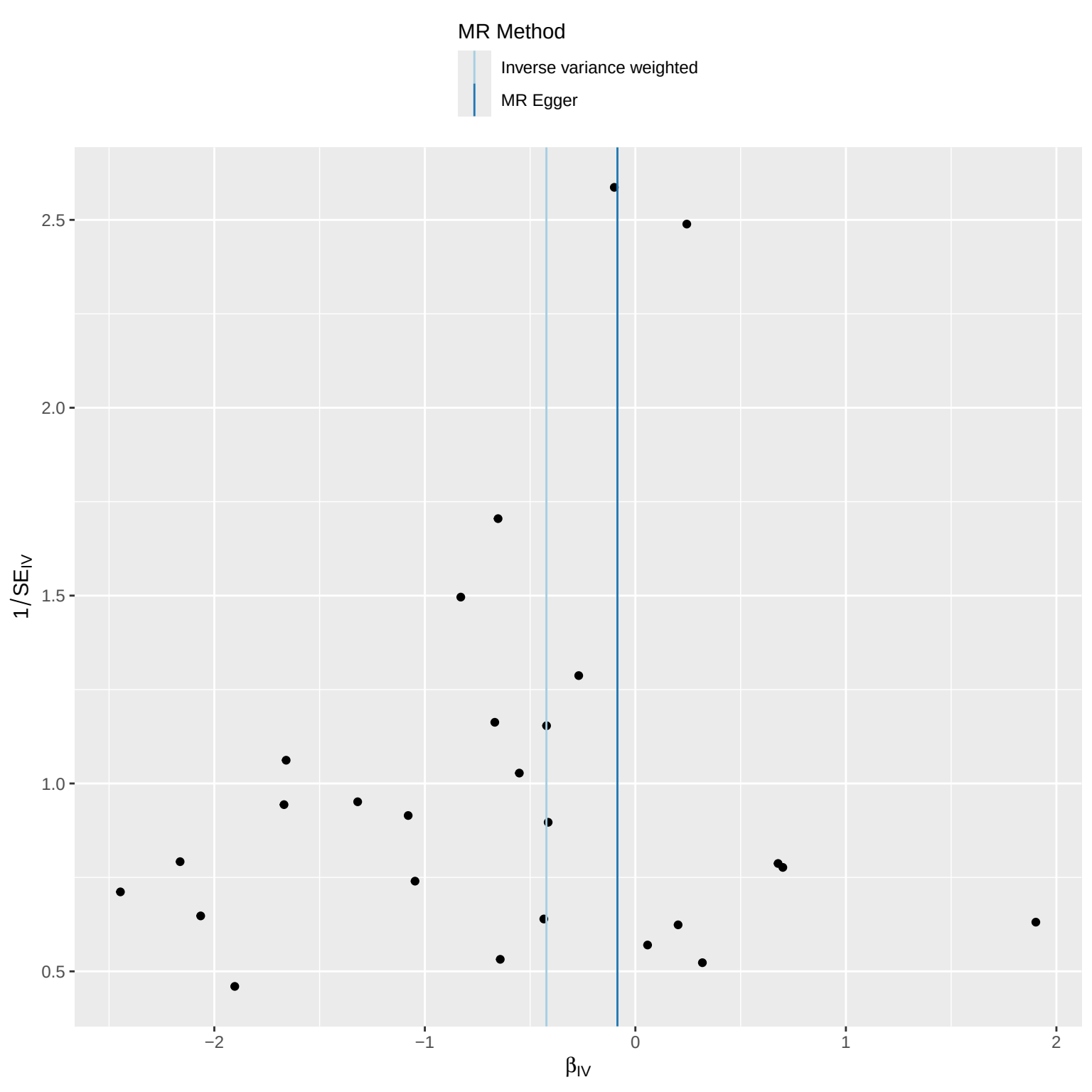

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

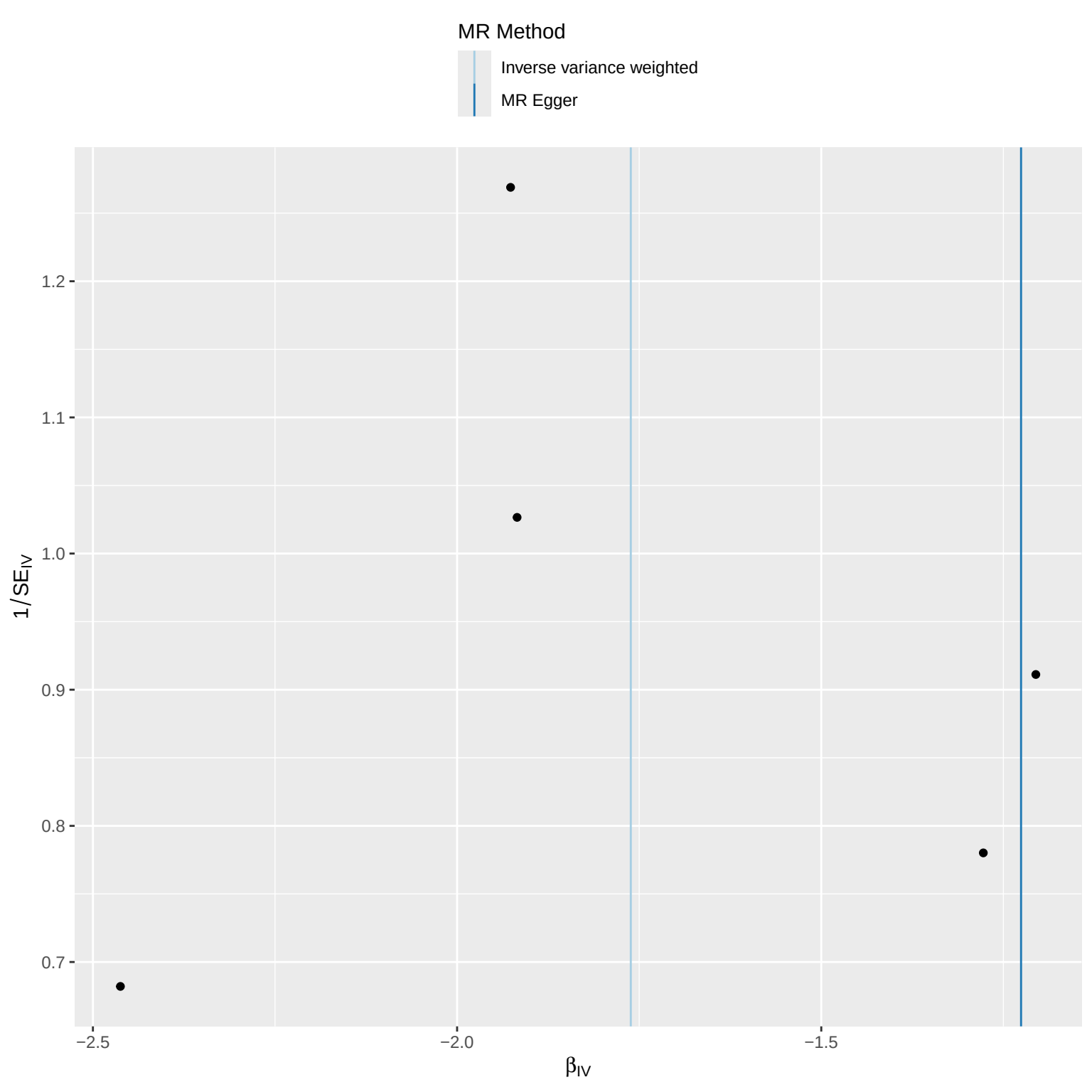

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
2
β_IV

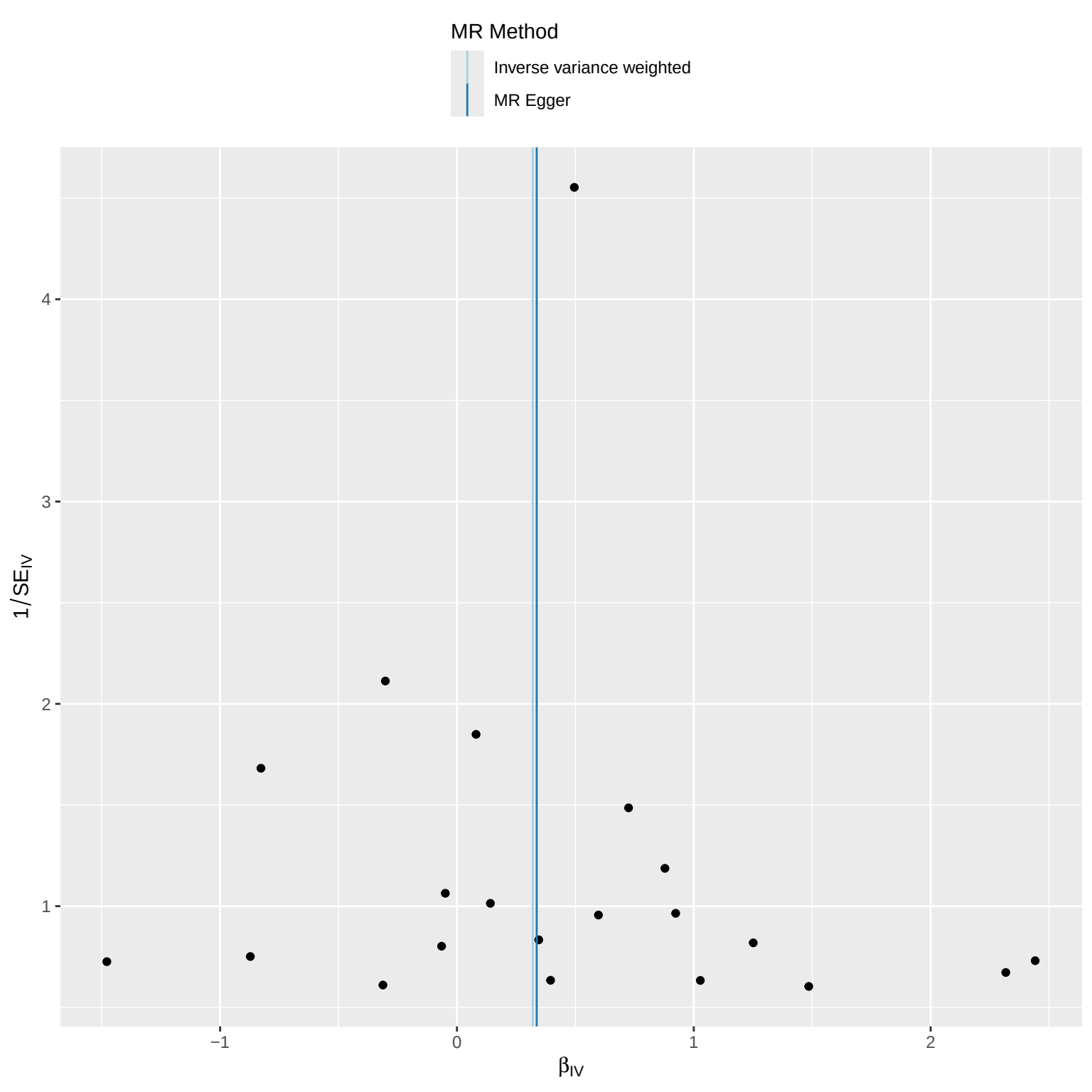

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2
0
2
4

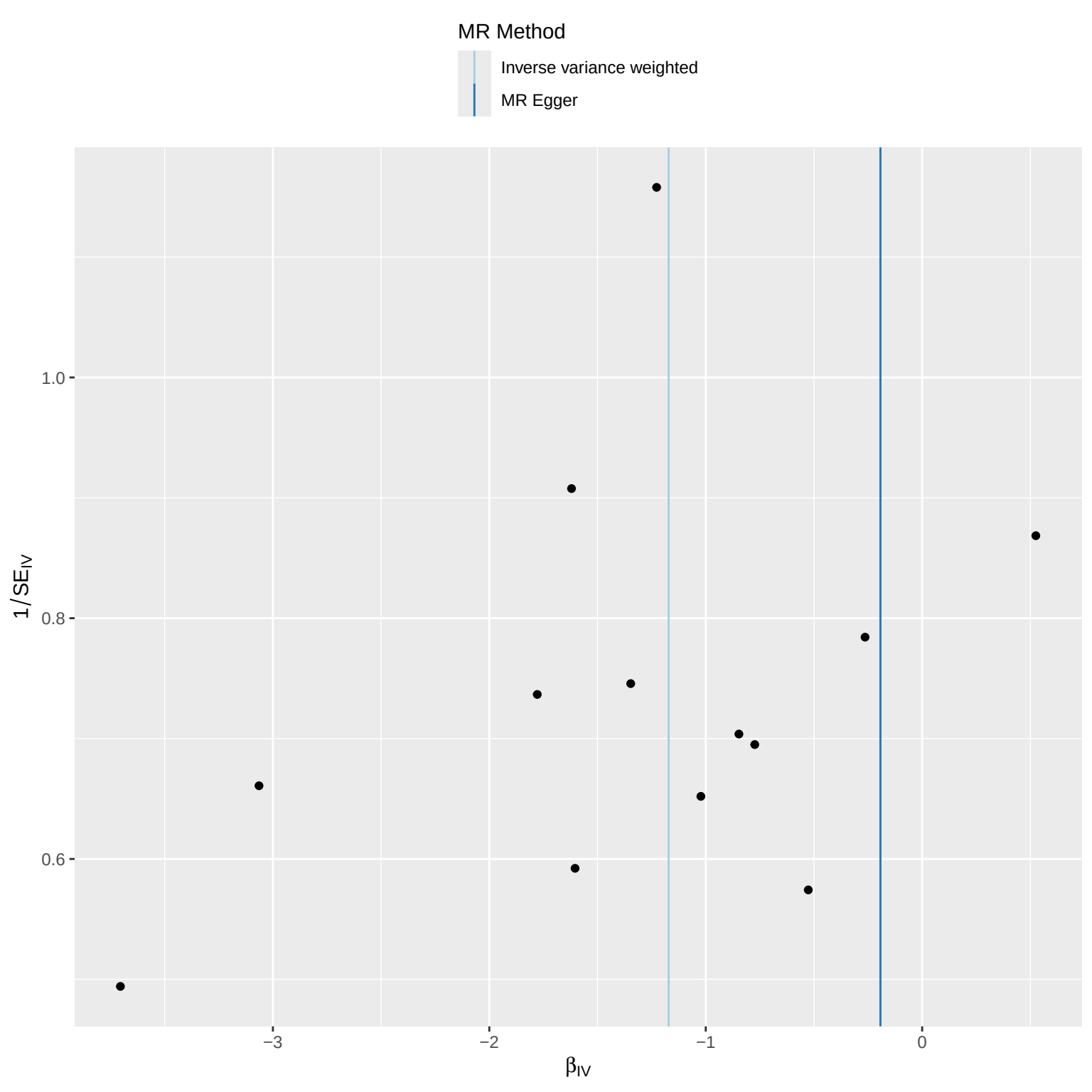

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

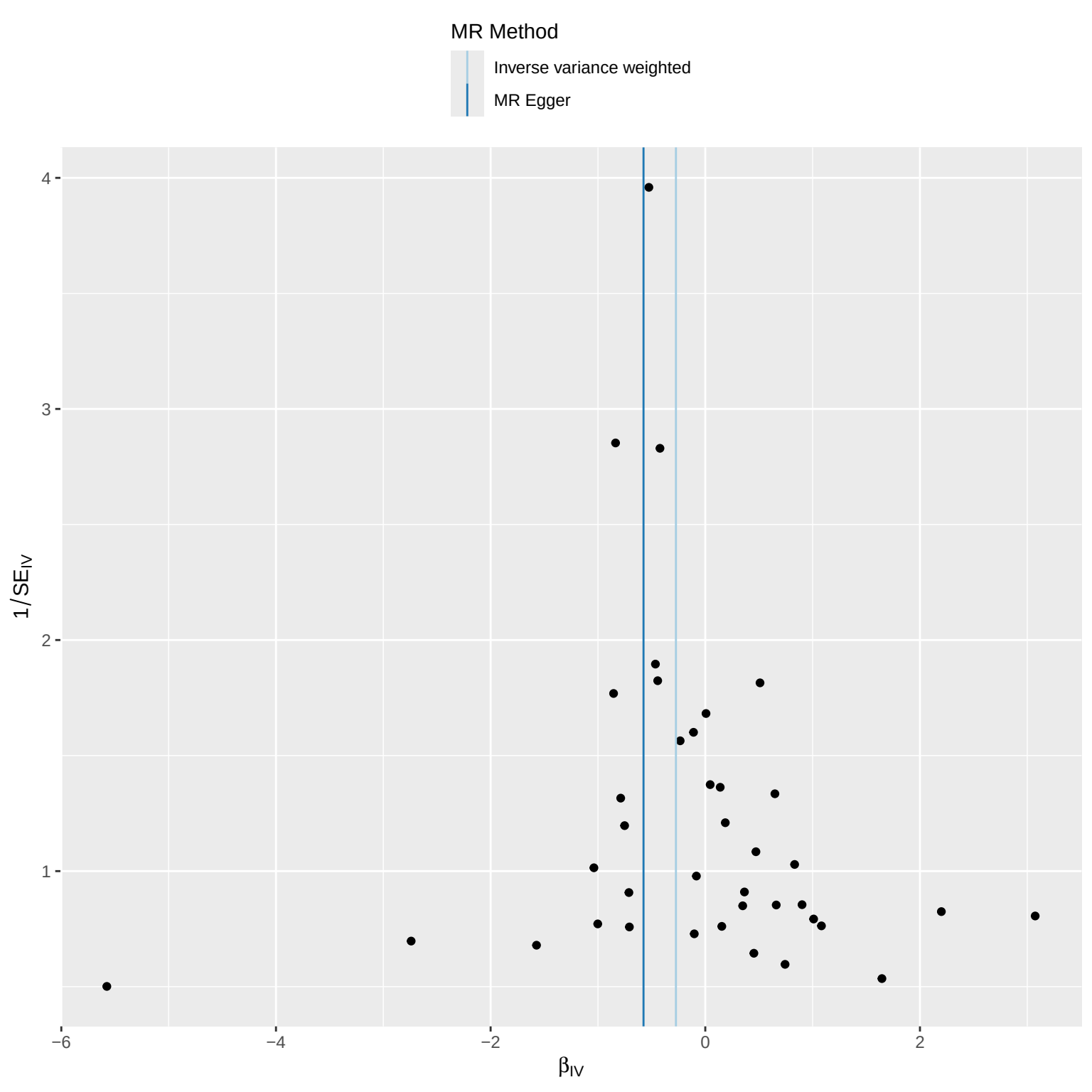

MR Method
Inverse variance weighted
MR Egger
1.25
1.00
0.75
0.50
1/SE_IV
−3
−2
−1
0
1
β_IV

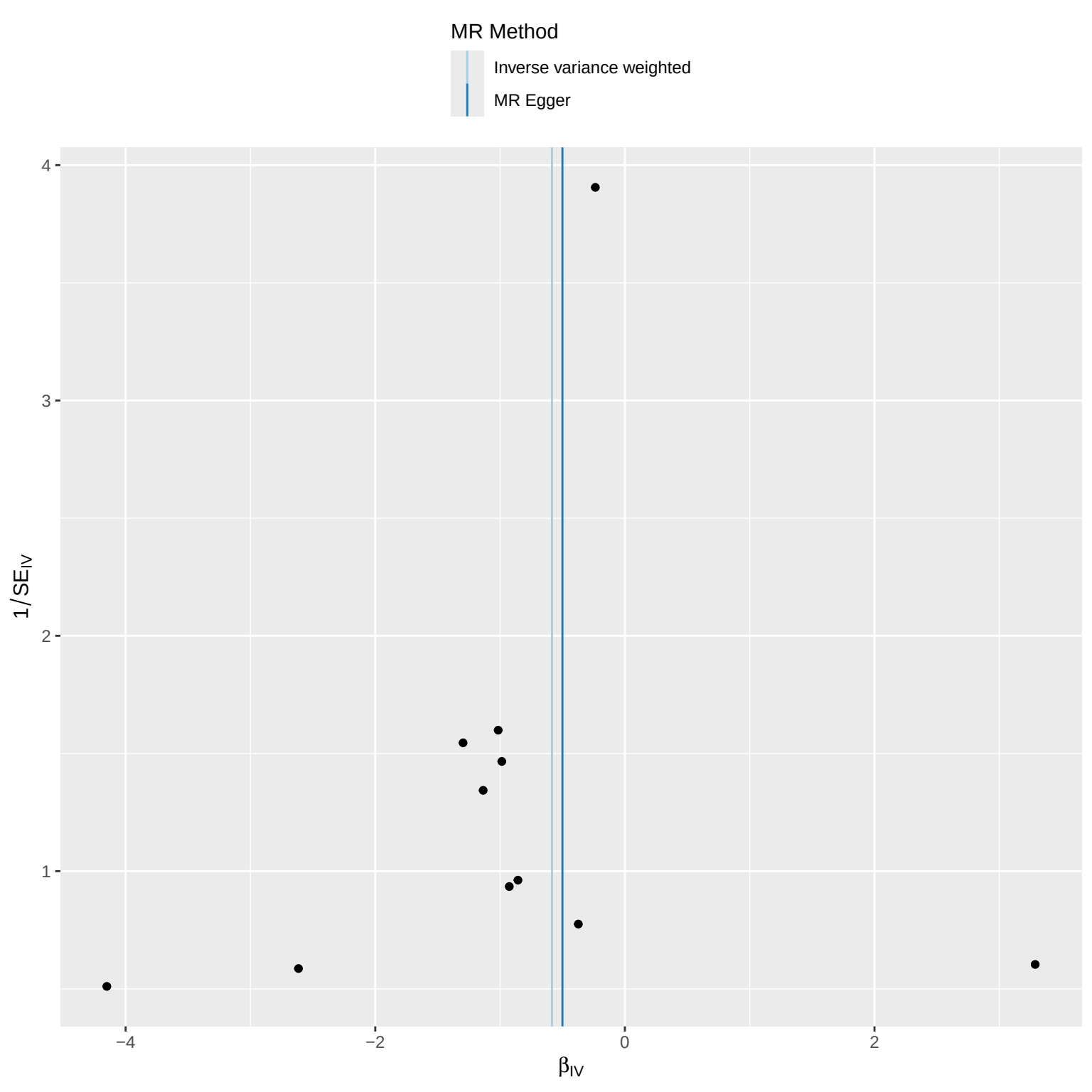

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
2
β_IV

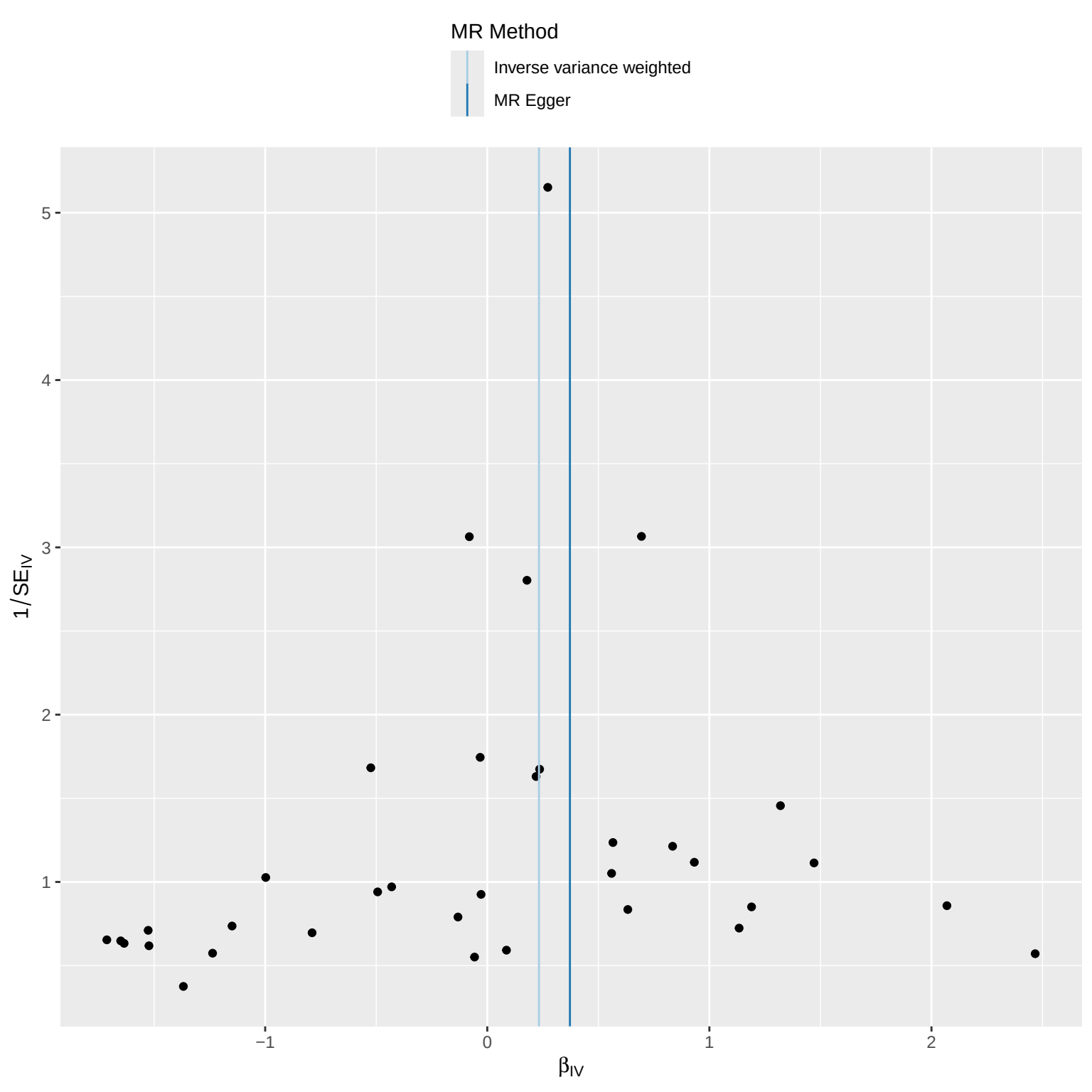

MR Method
Inverse variance weighted
MR Egger
1.2
1.1
1.0
0.9
0.8
0.7
1/SE_IV
−2.5
−2.0
−1.5
β_IV

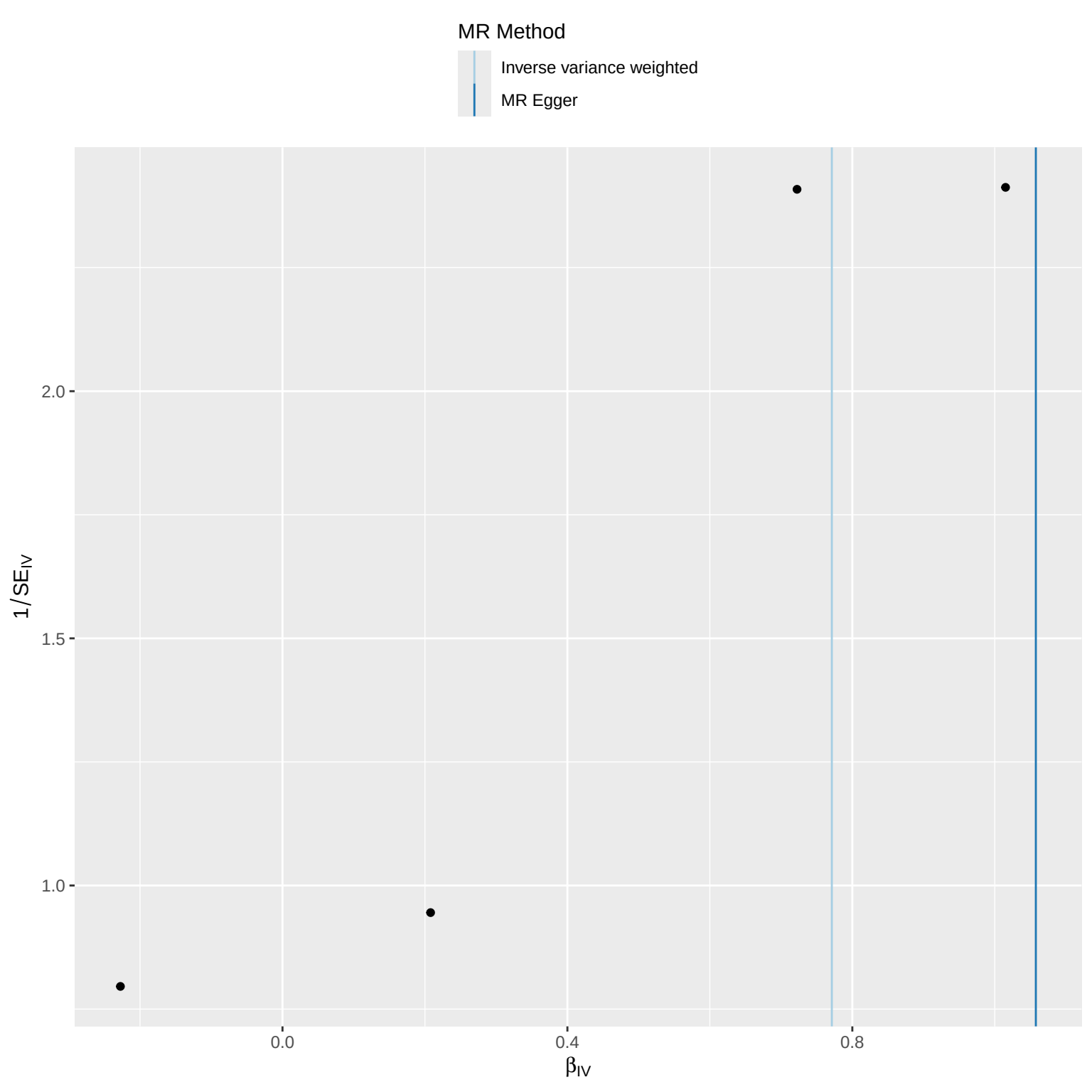

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

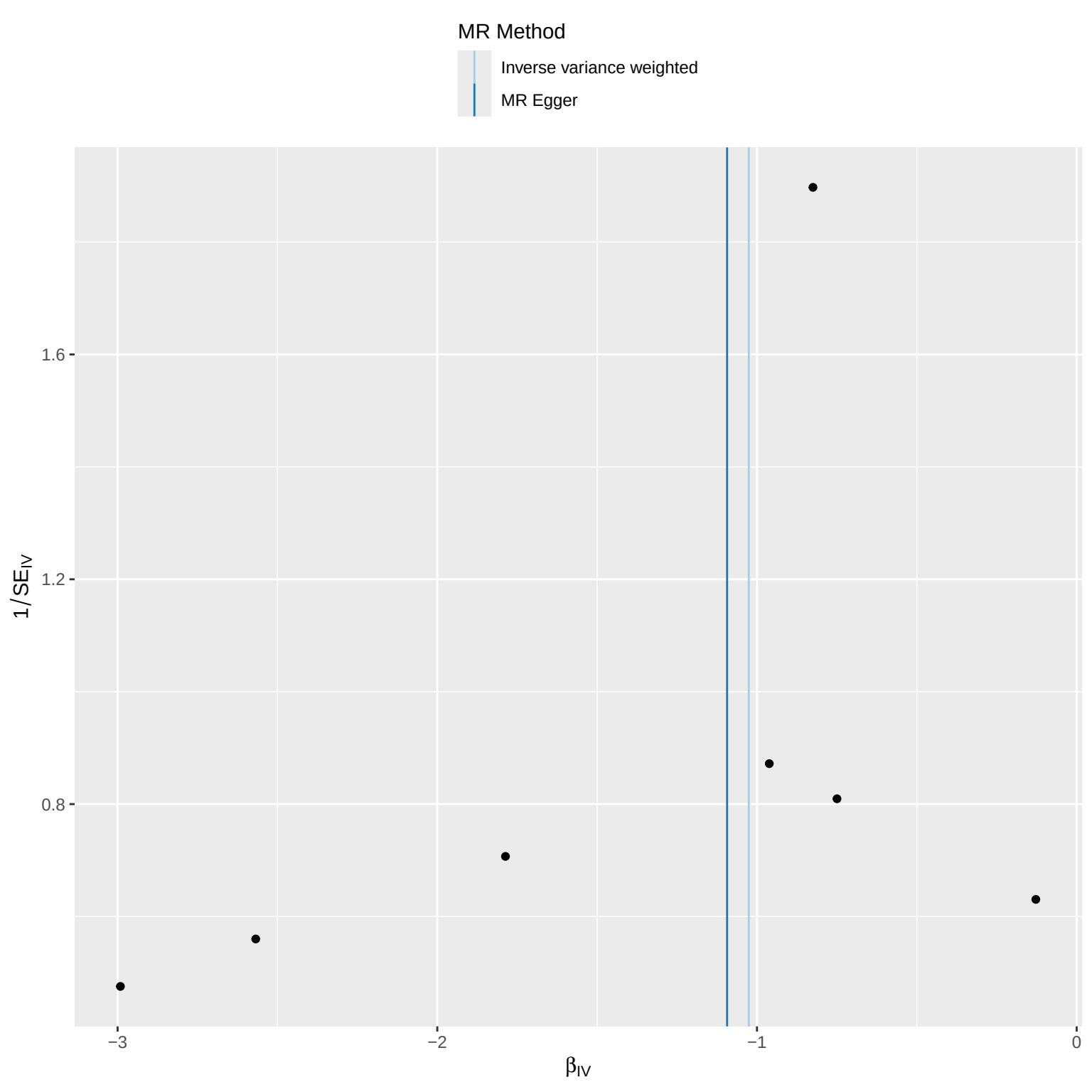

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−3
−2
−1
0
β_IV

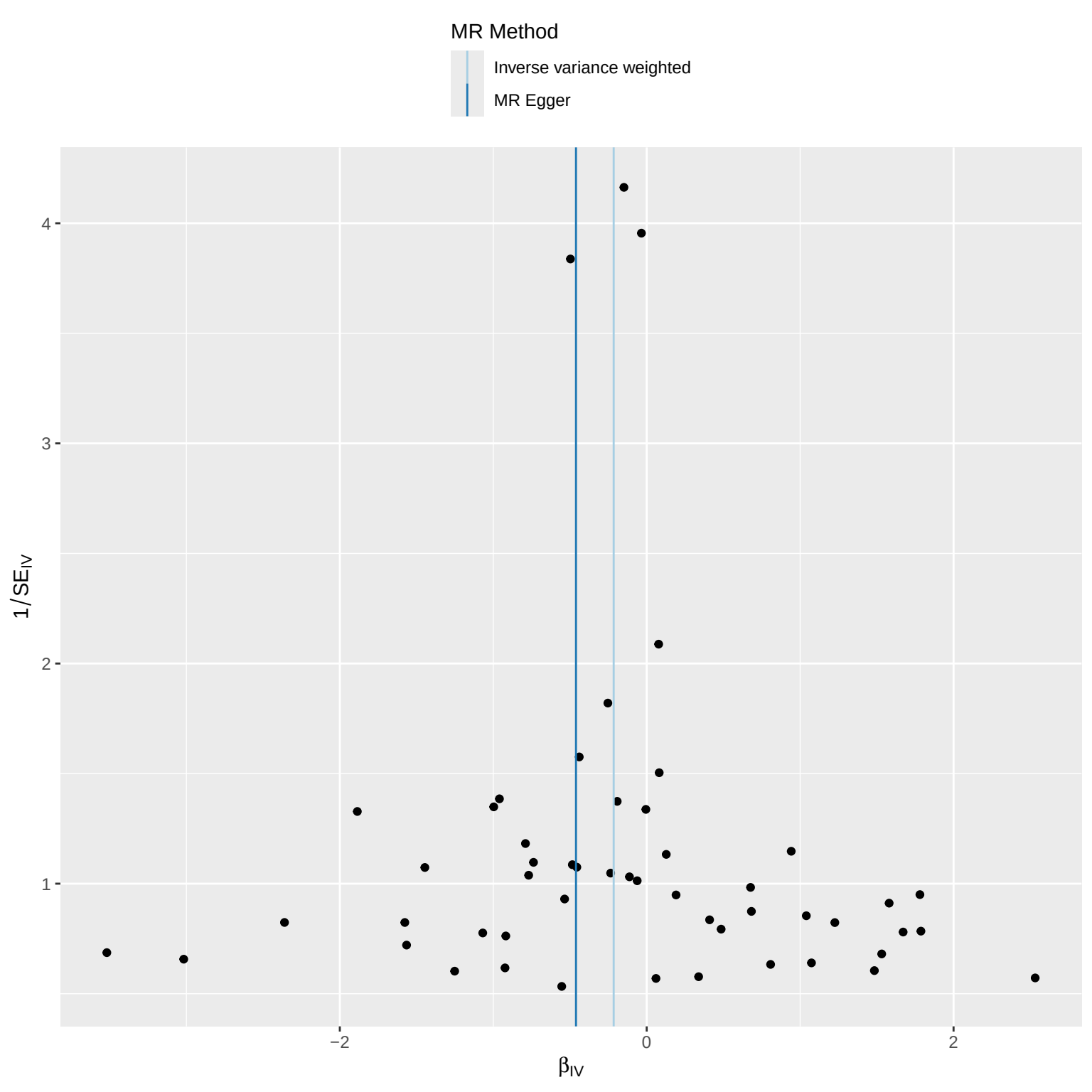

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−6
−4
−2
0
2
β_IV

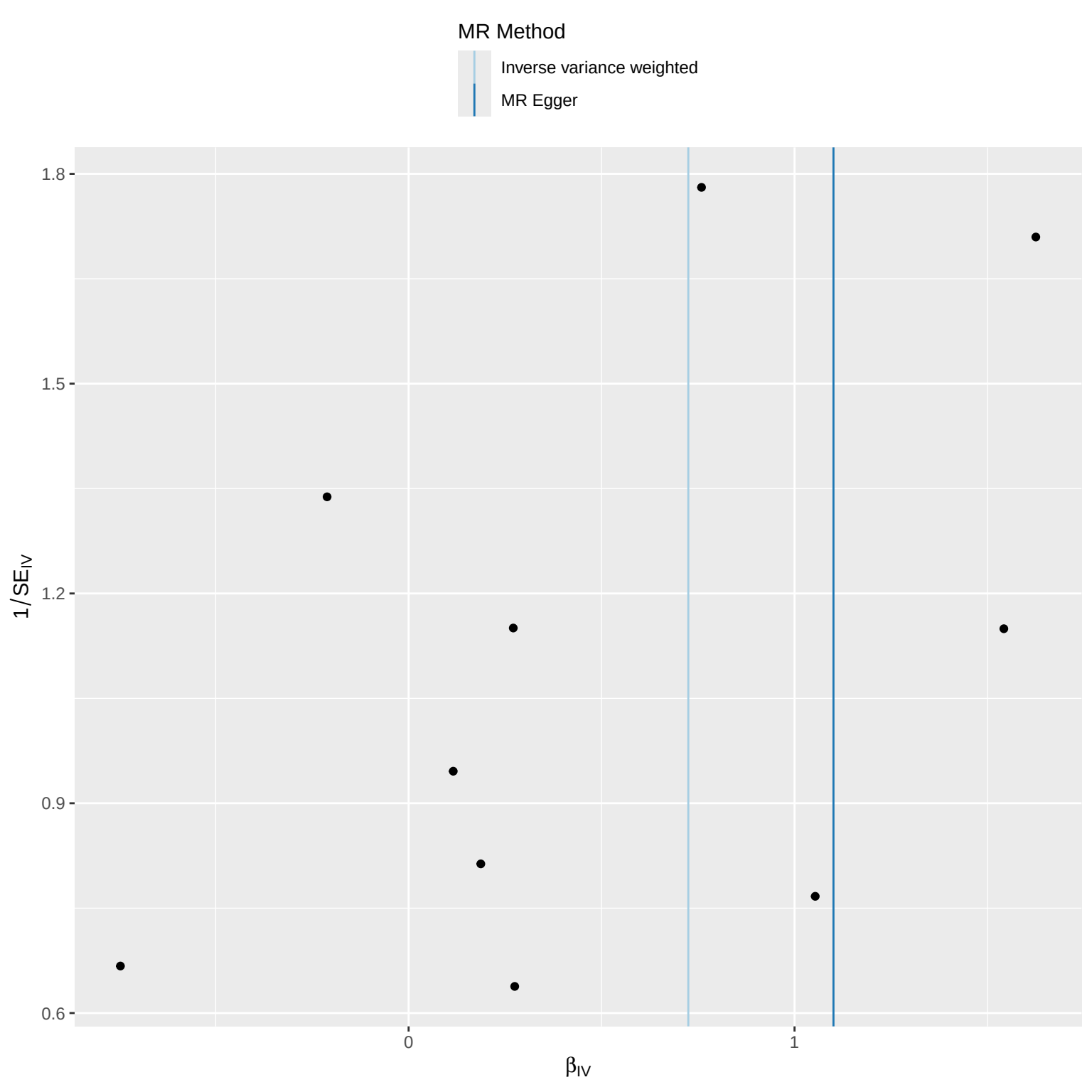

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
2
β_IV

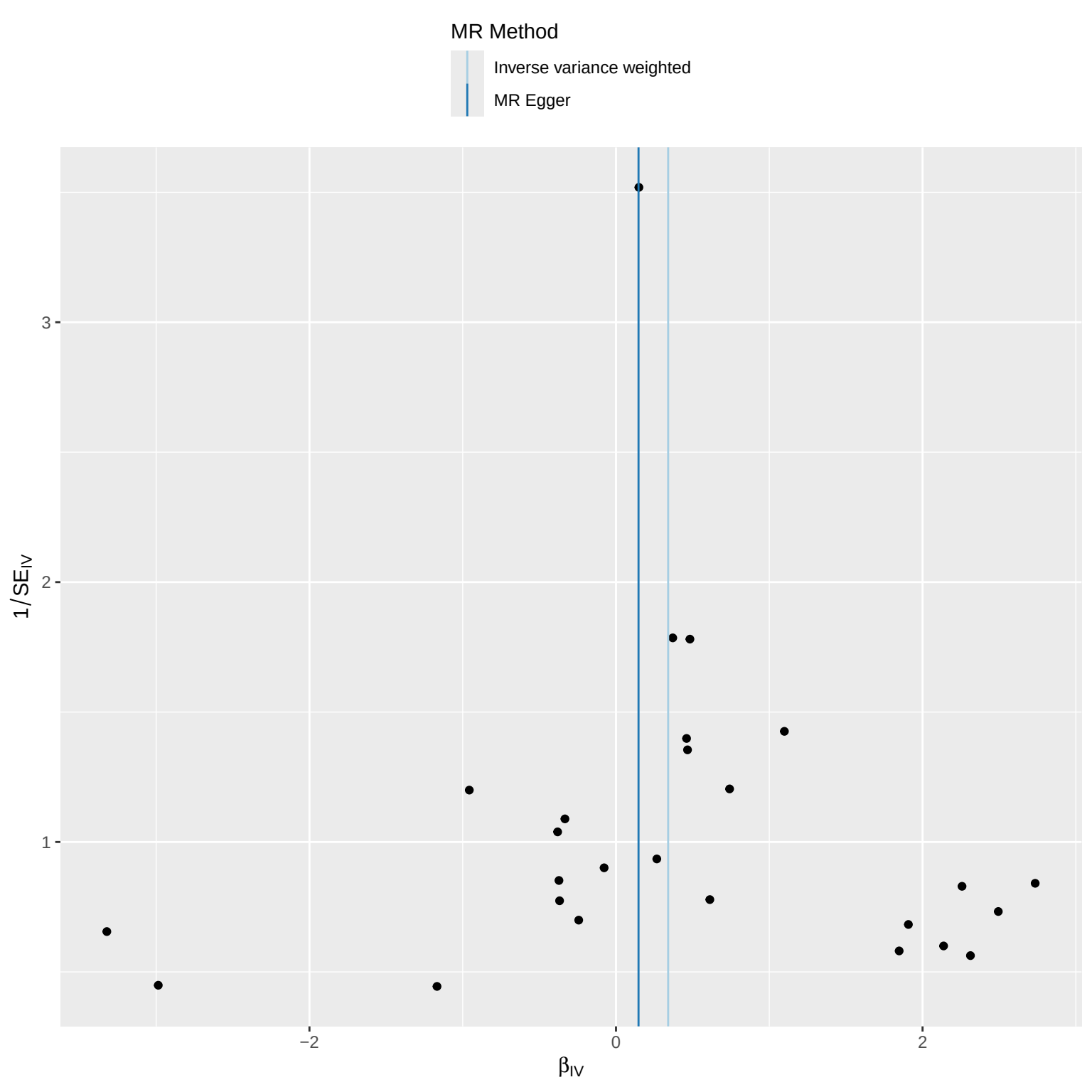

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

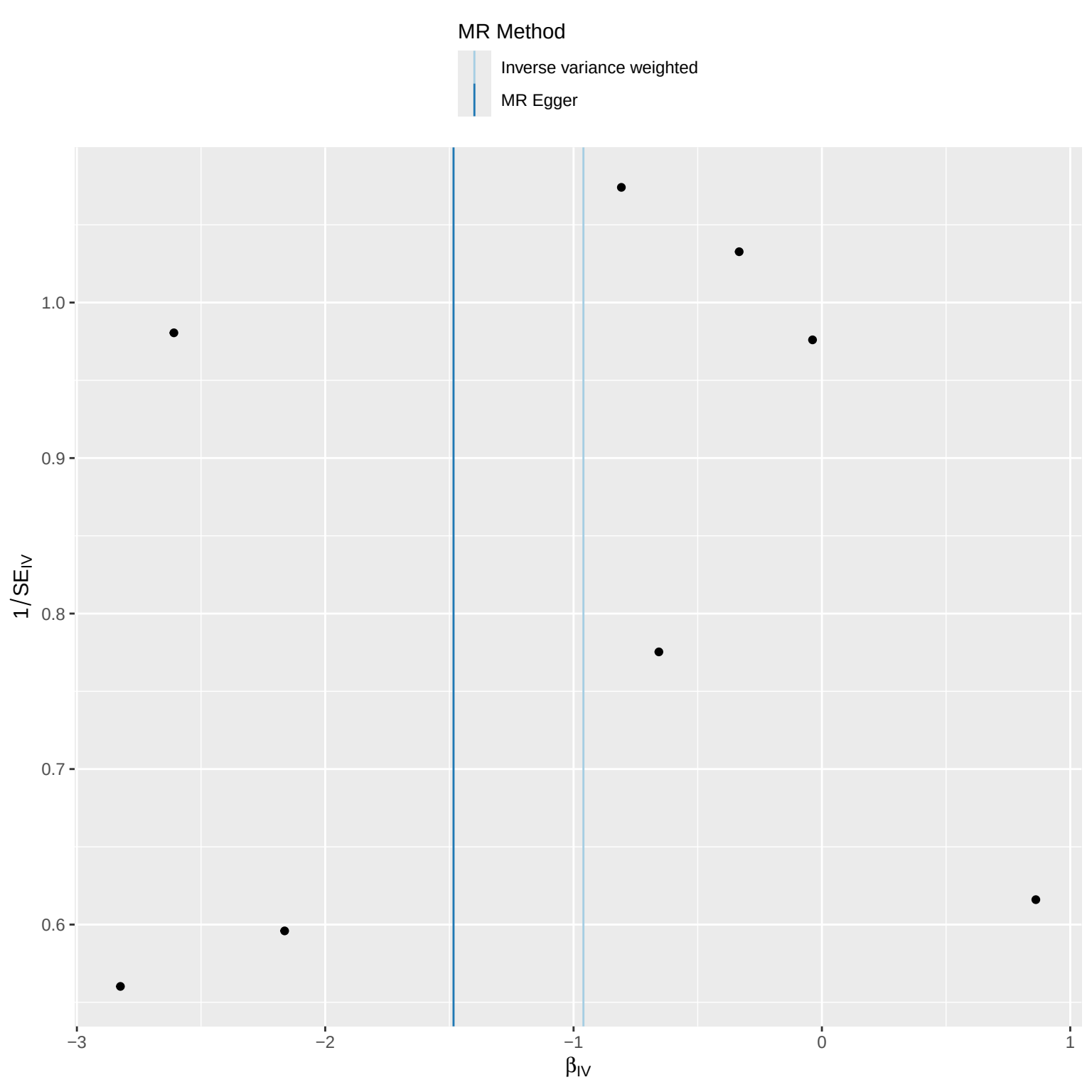

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0.0
0.4
0.8
β_IV

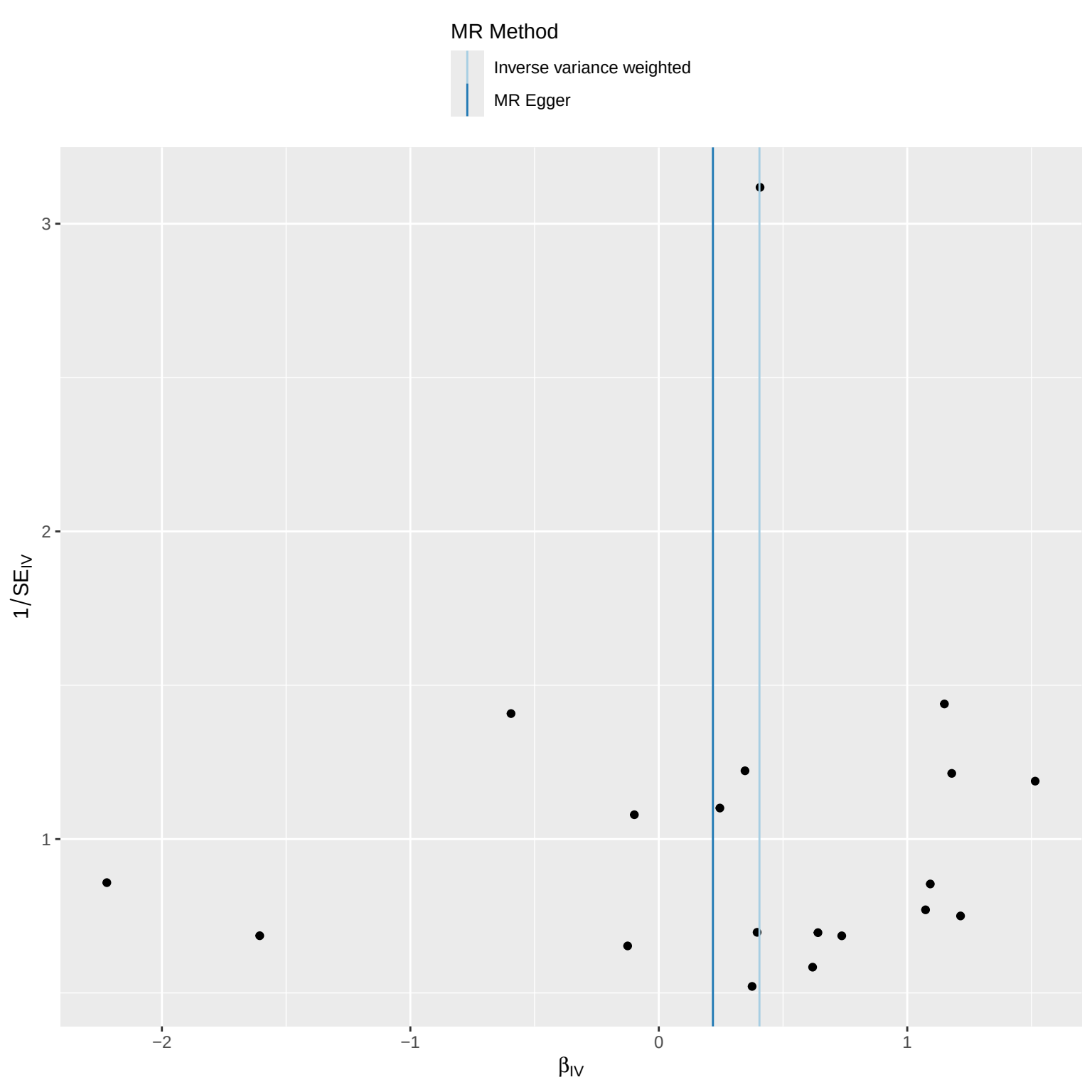

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
1/SE_IV
−3
−2
−1
0
β_IV

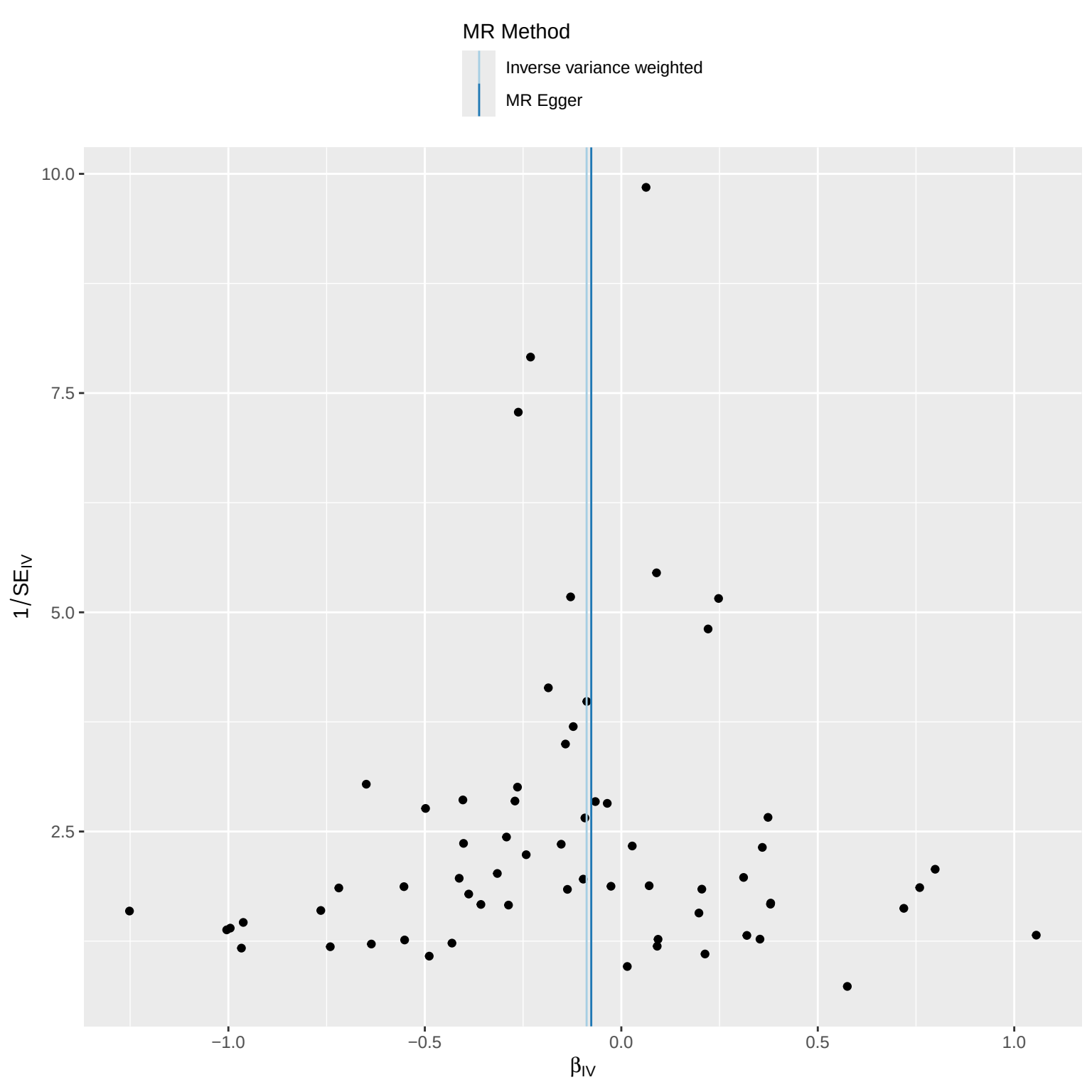

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
0
2
β_IV

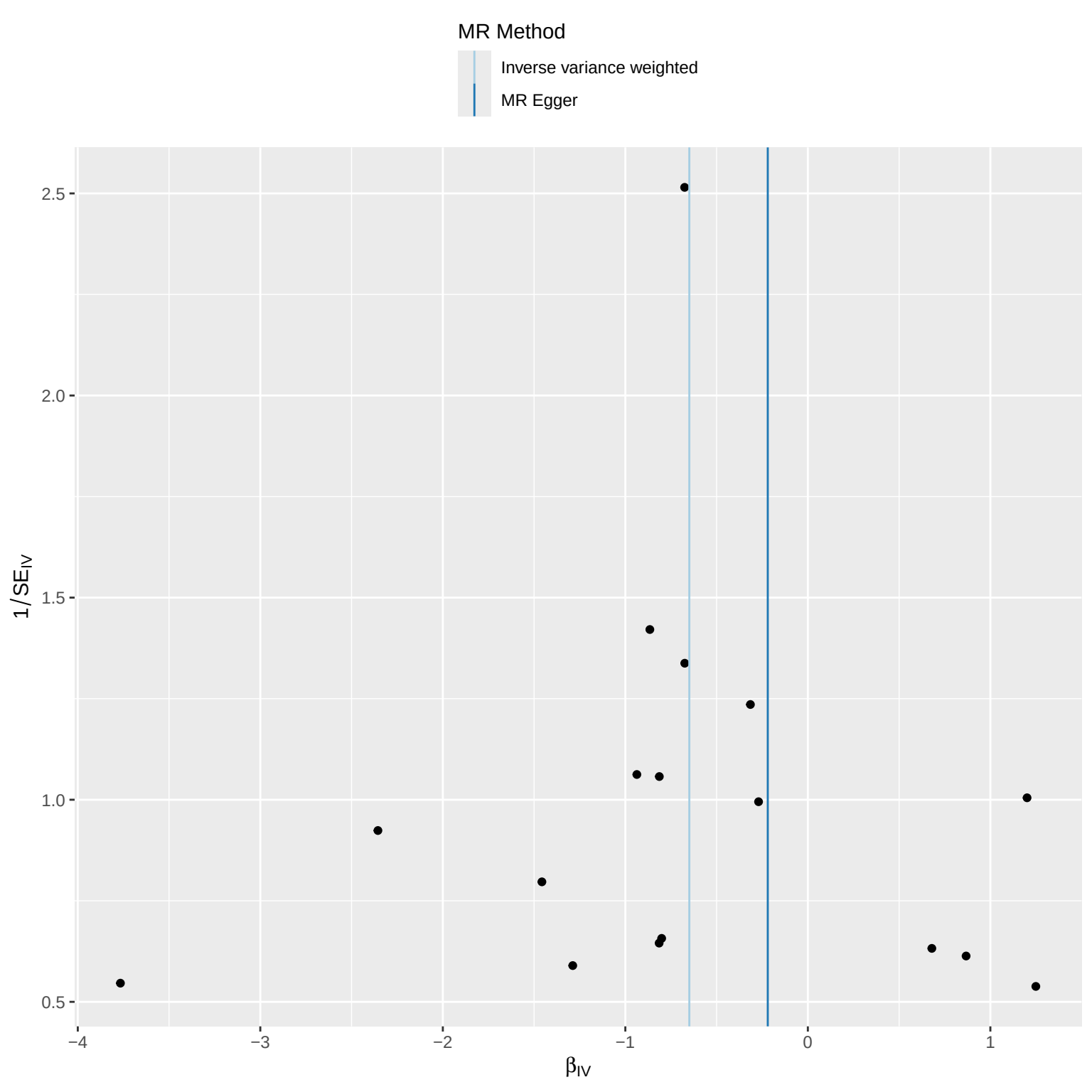

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
0
1
β_IV

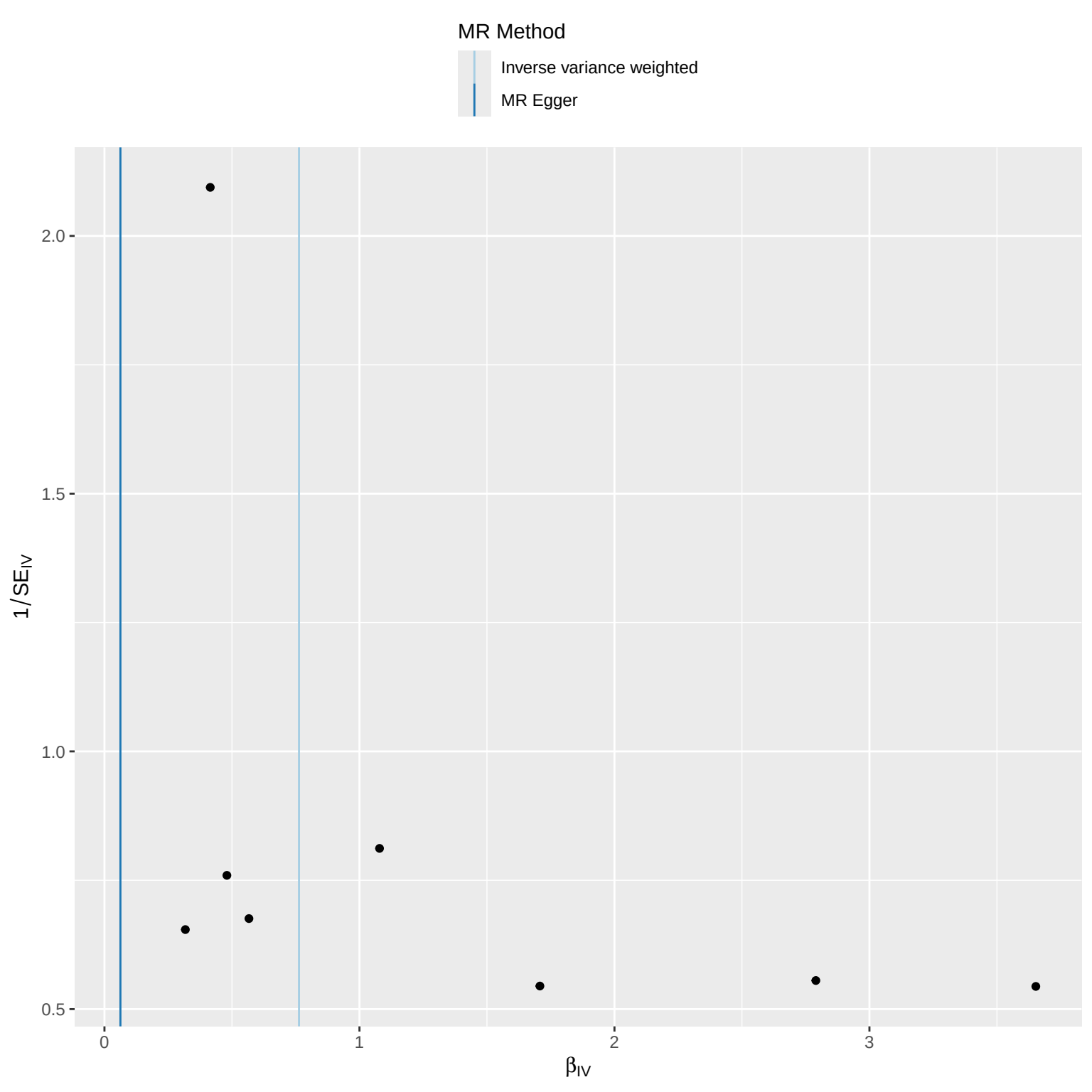

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
0
2
β_IV

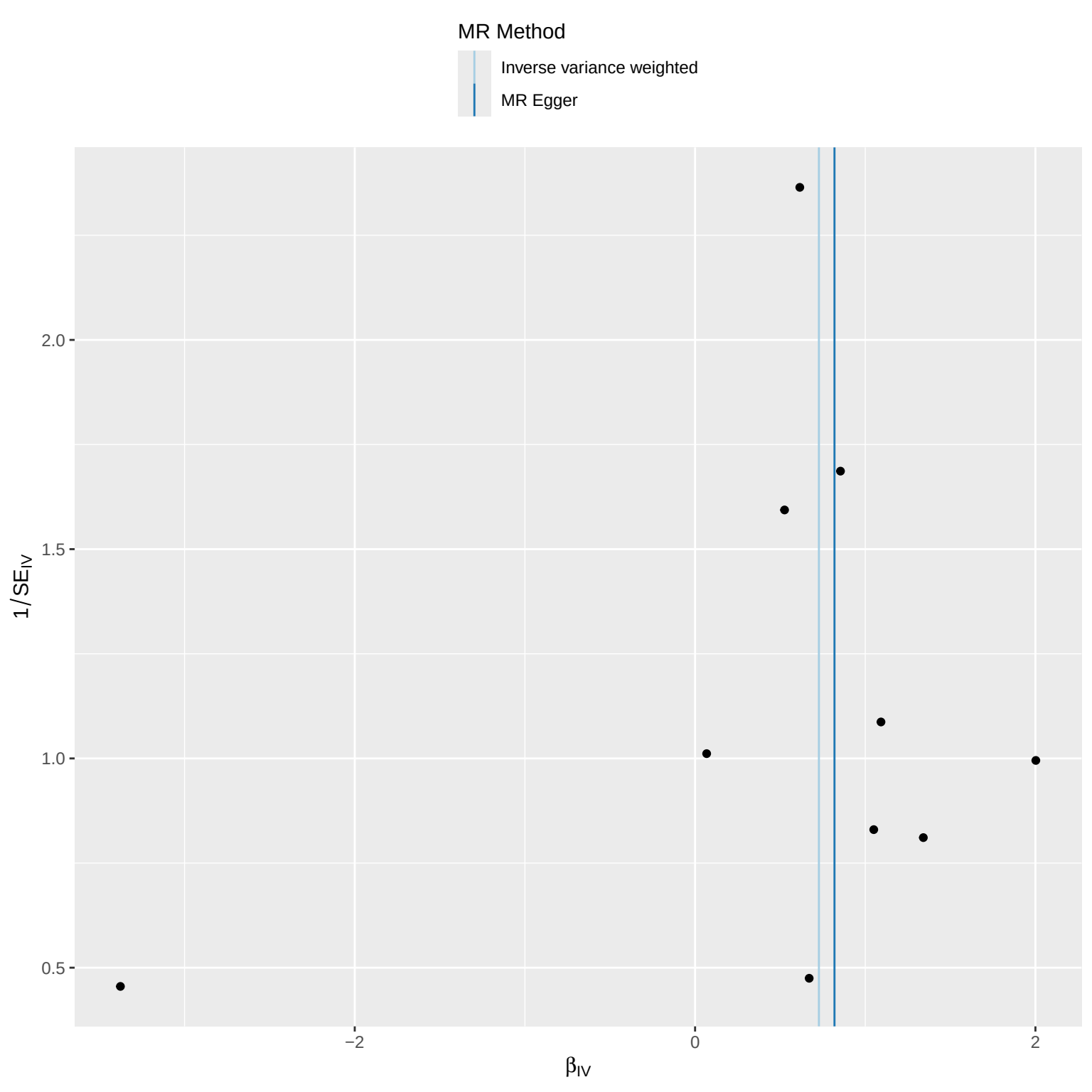

MR Method
Inverse variance weighted
MR Egger
1.0
0.9
0.8
0.7
0.6
1/SE_IV
−3
−2
−1
0
1
β_IV

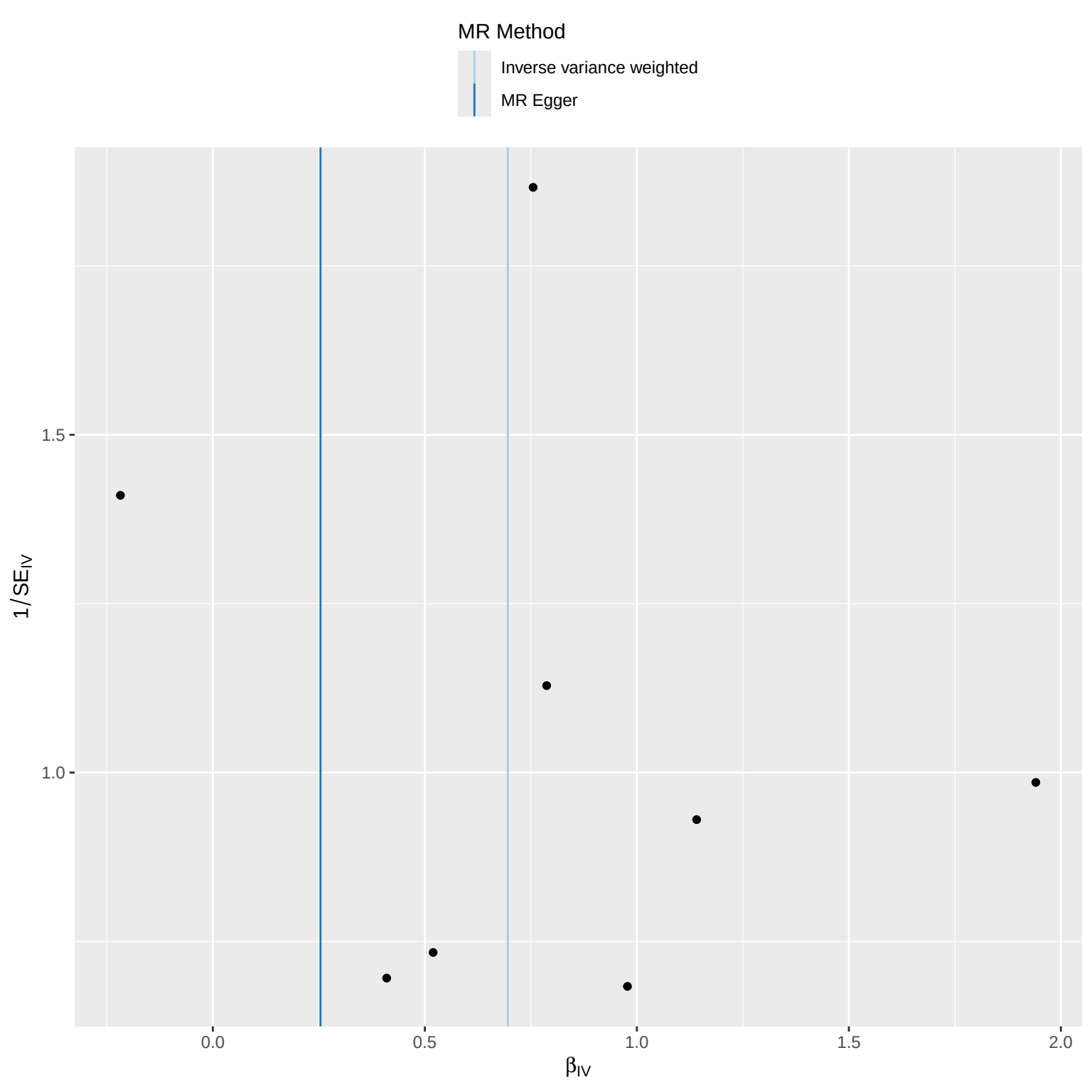

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

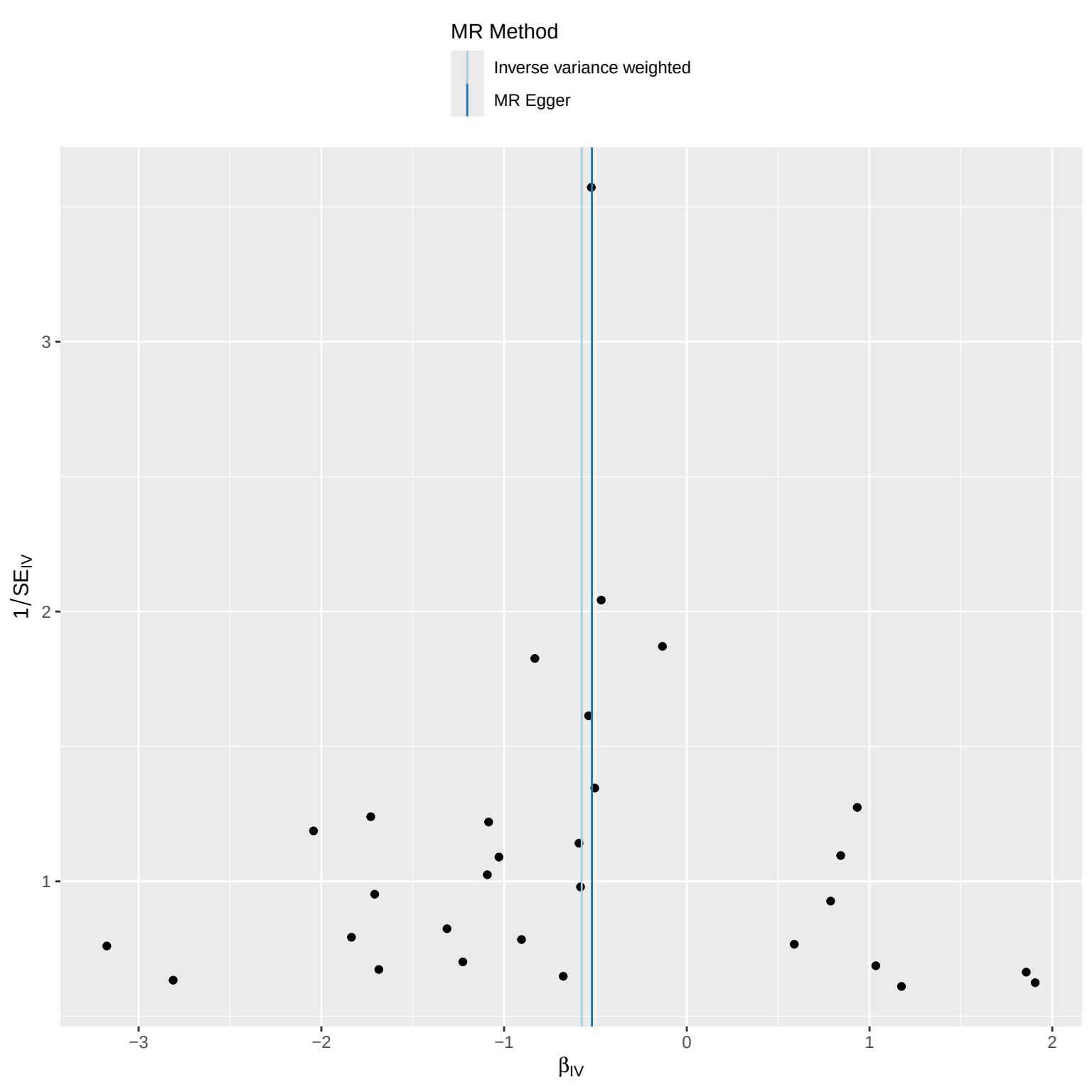

MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV

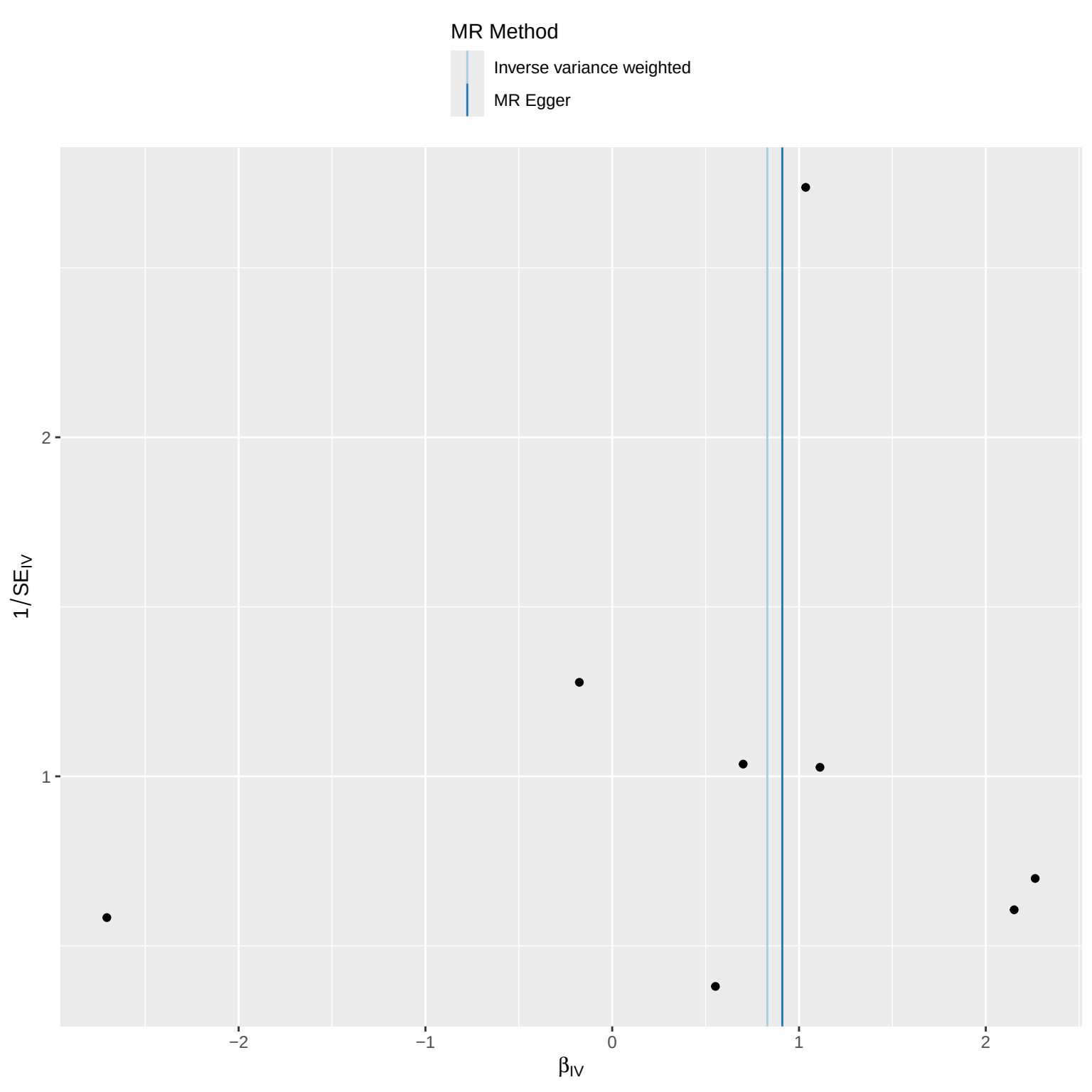

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

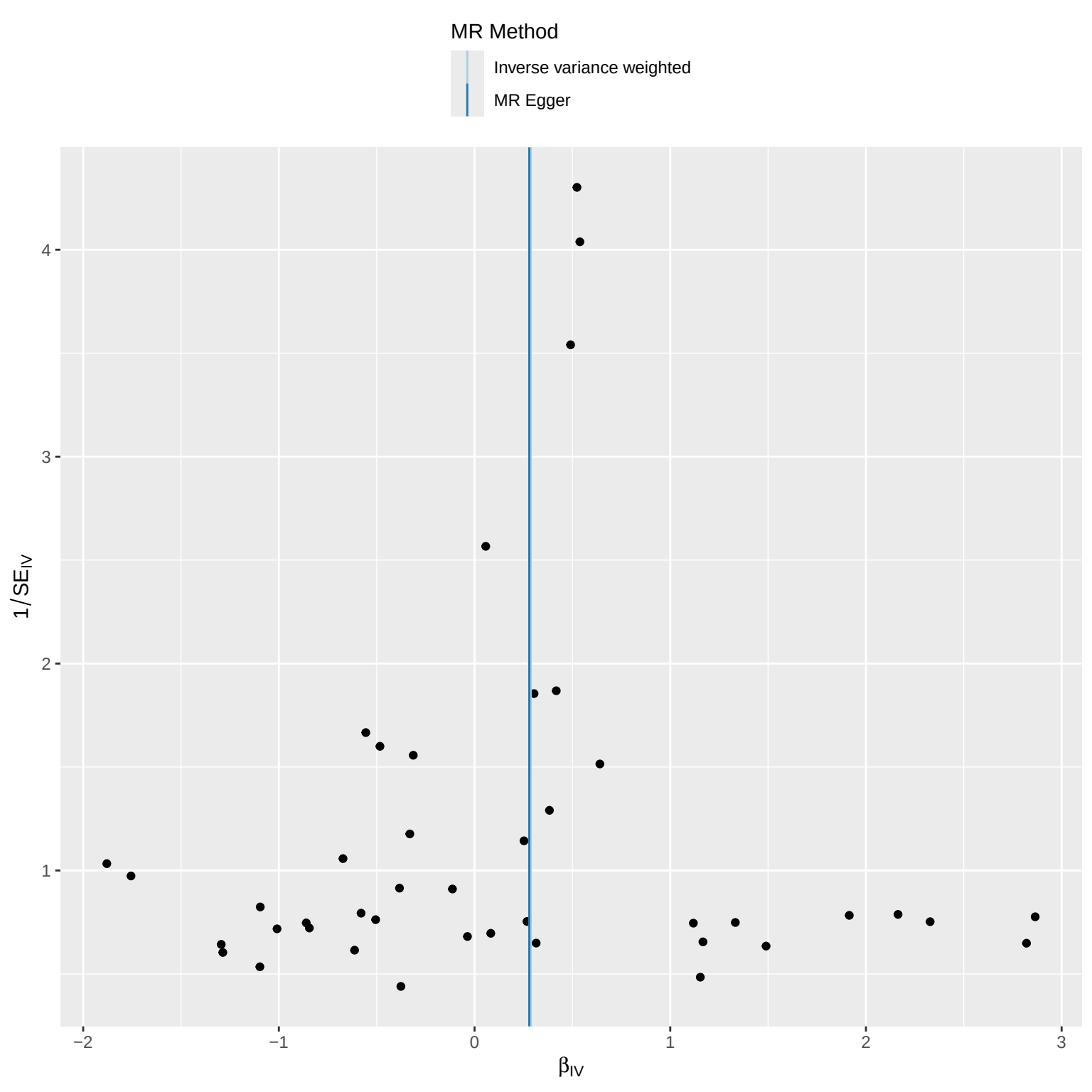

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
1
2
3
β_IV

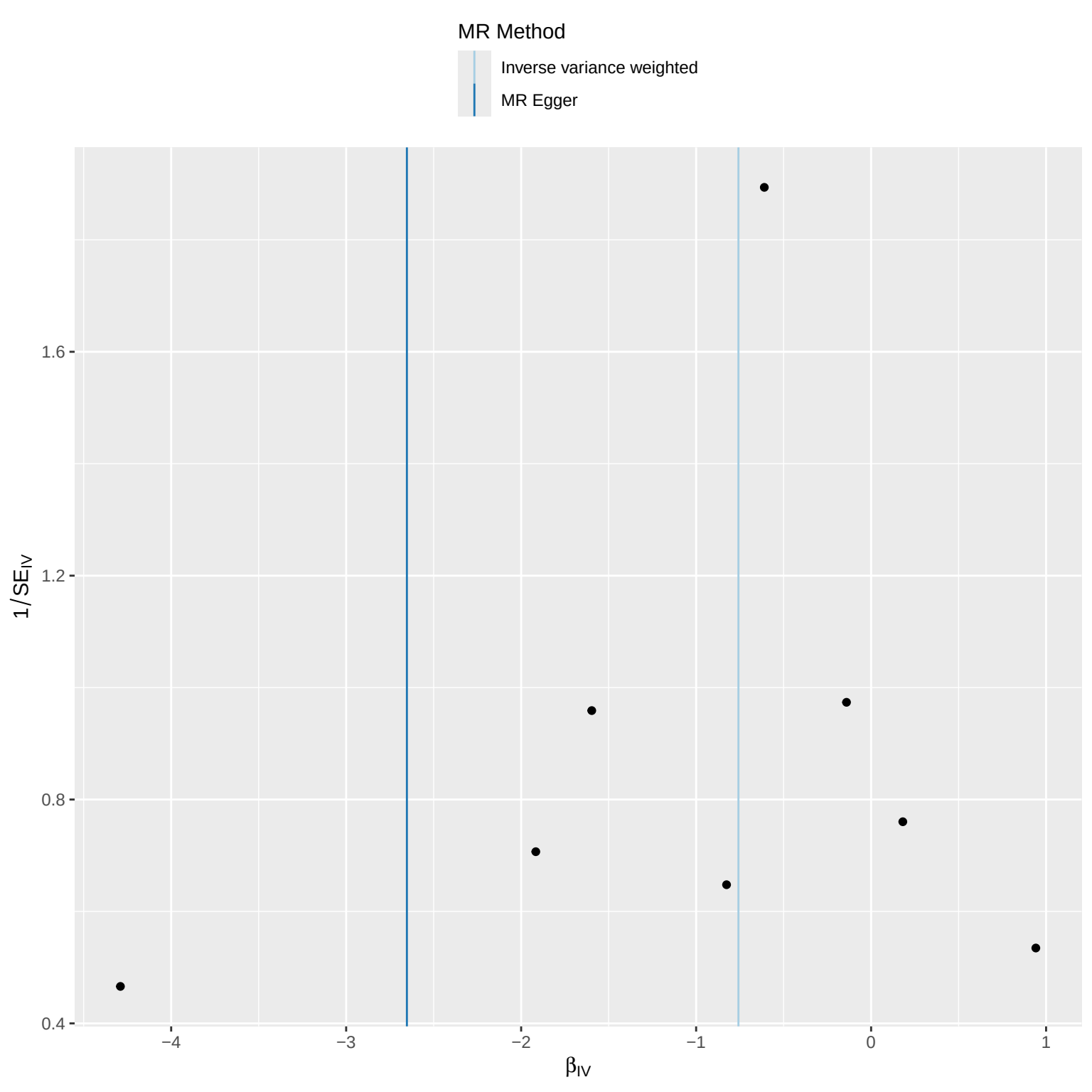

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
0
2
β_IV

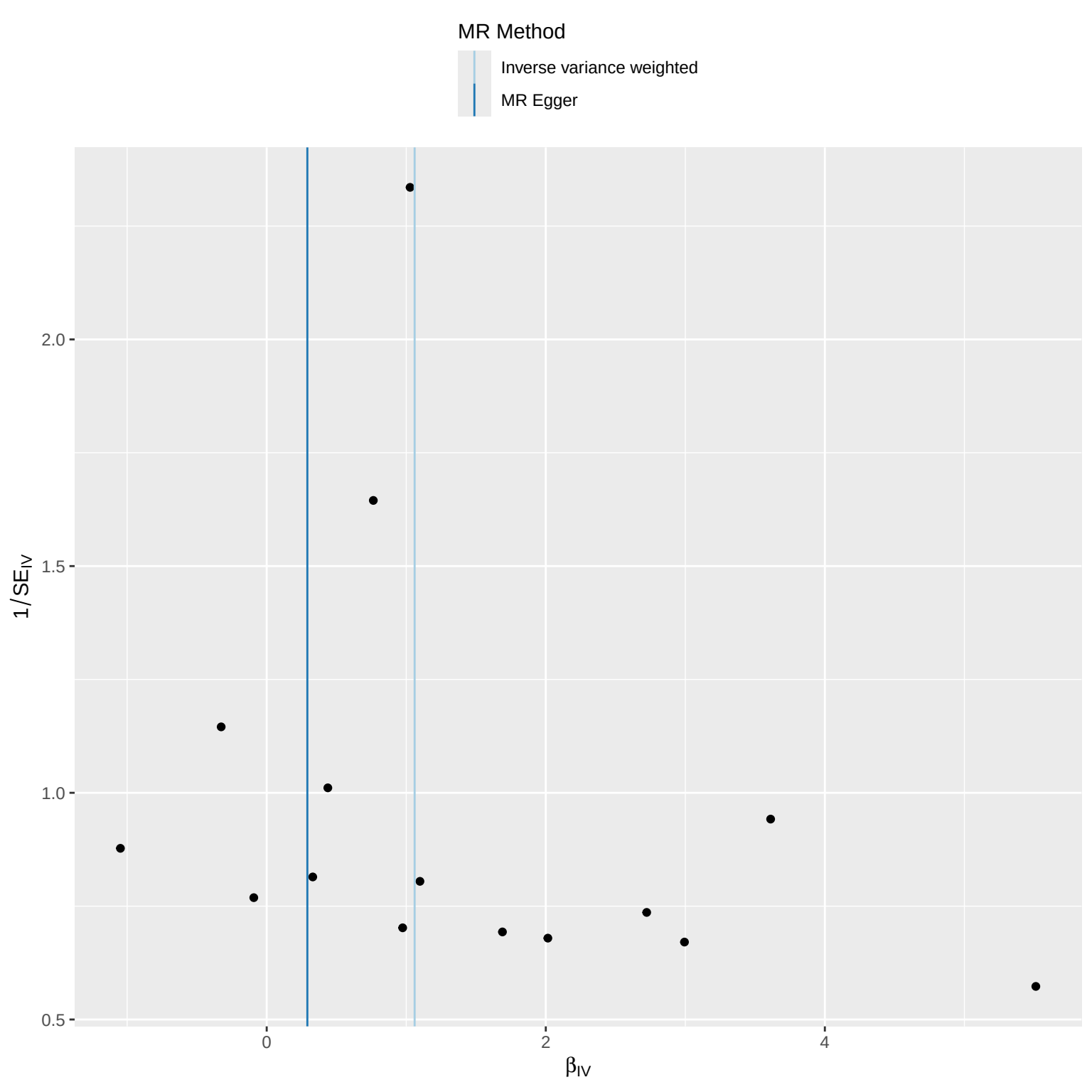

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
1/SE_IV
0.0
0.5
1.0
1.5
2.0
β_IV

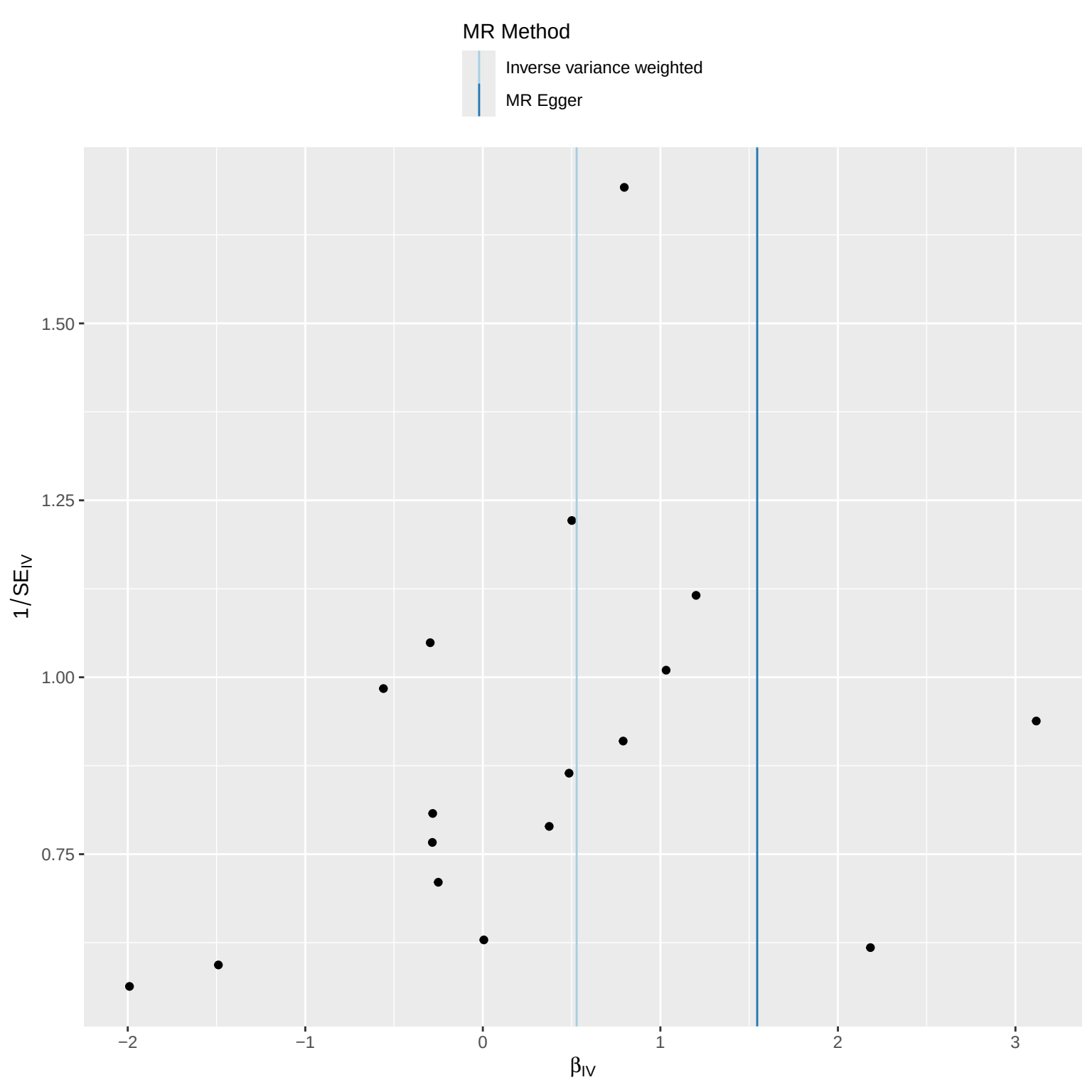

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−3
−2
−1
0
1
2
β_IV

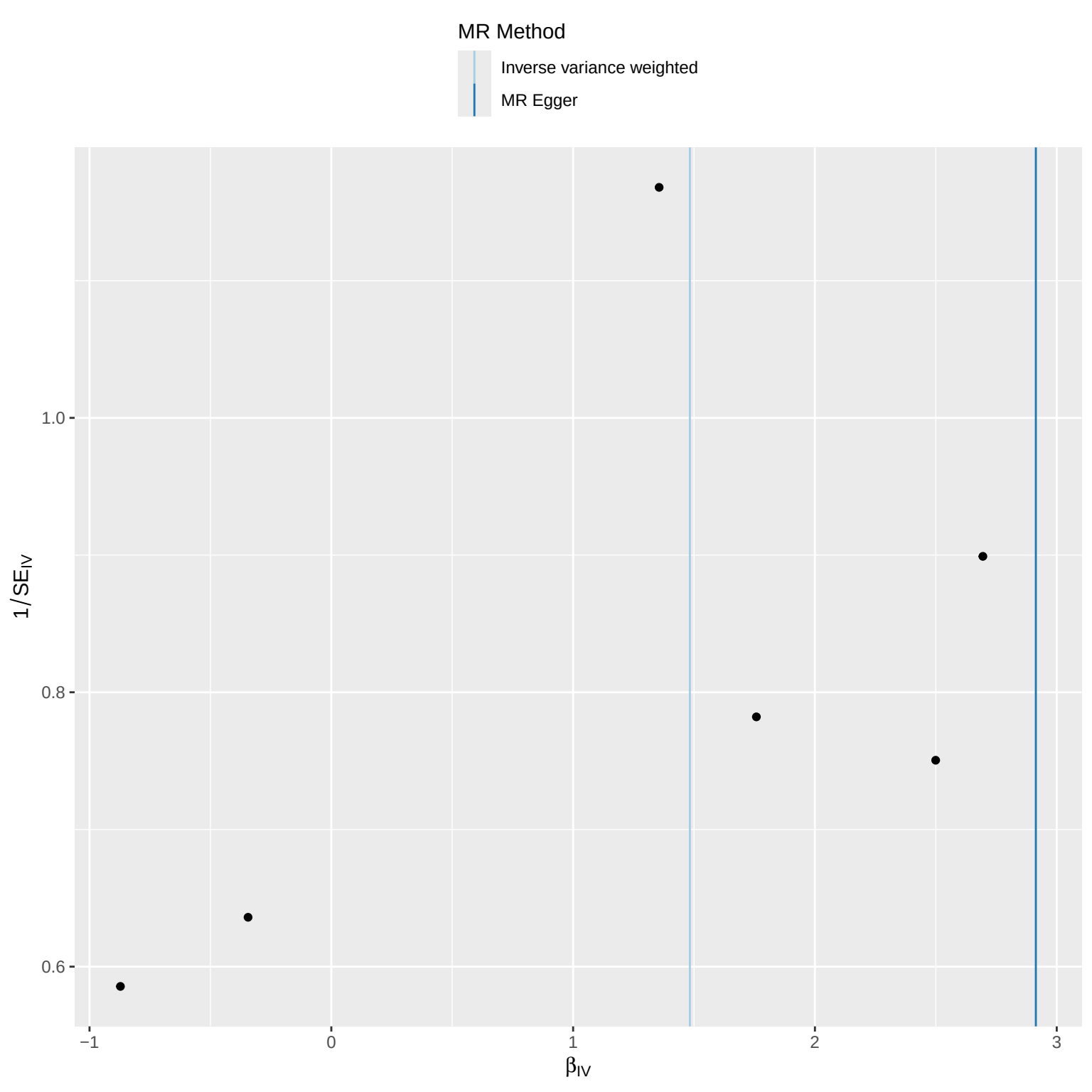

MR Method
Inverse variance weighted
MR Egger
2
1
1/SE_IV
−2
−1
0
1
2
β_IV

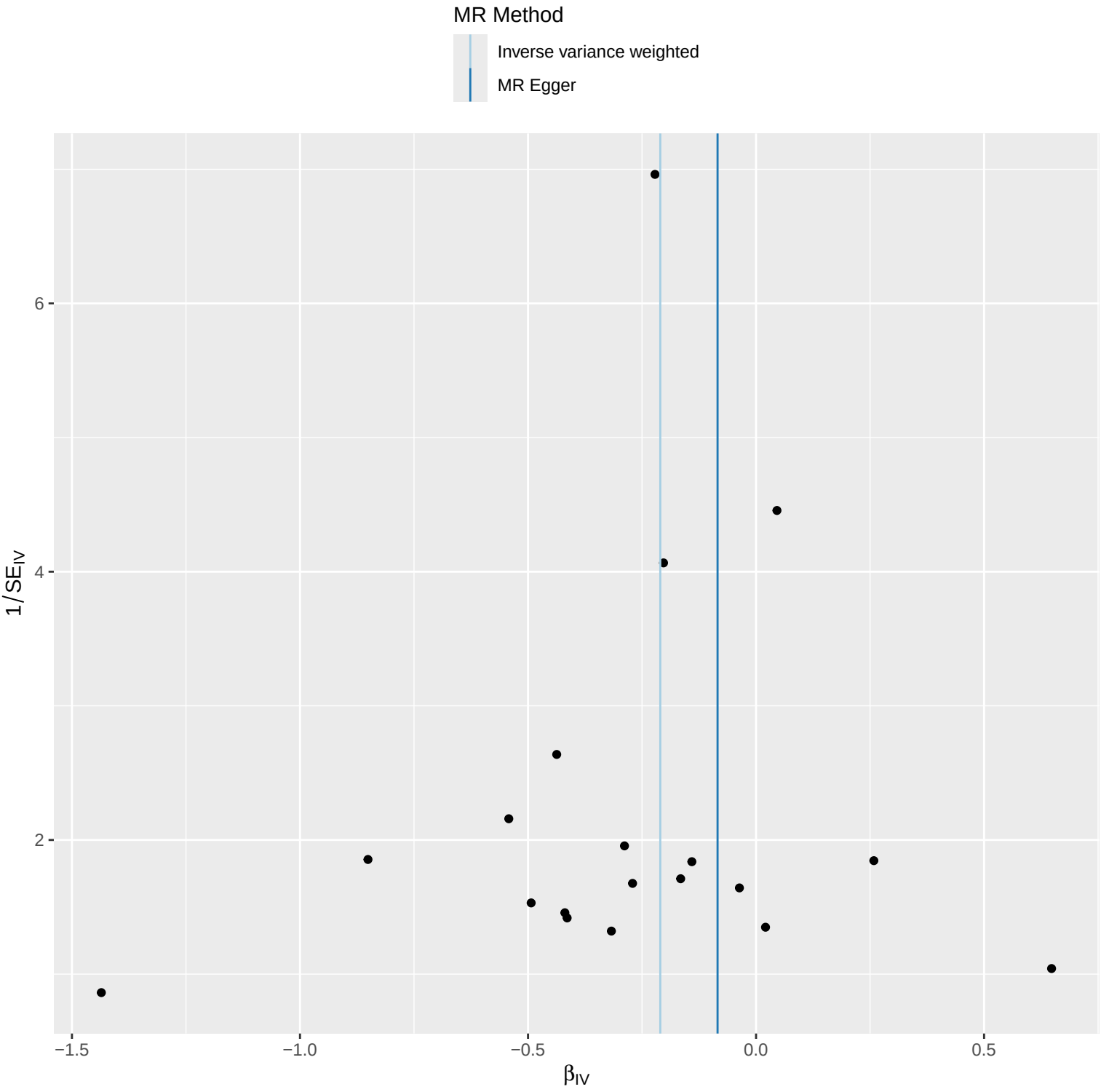

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

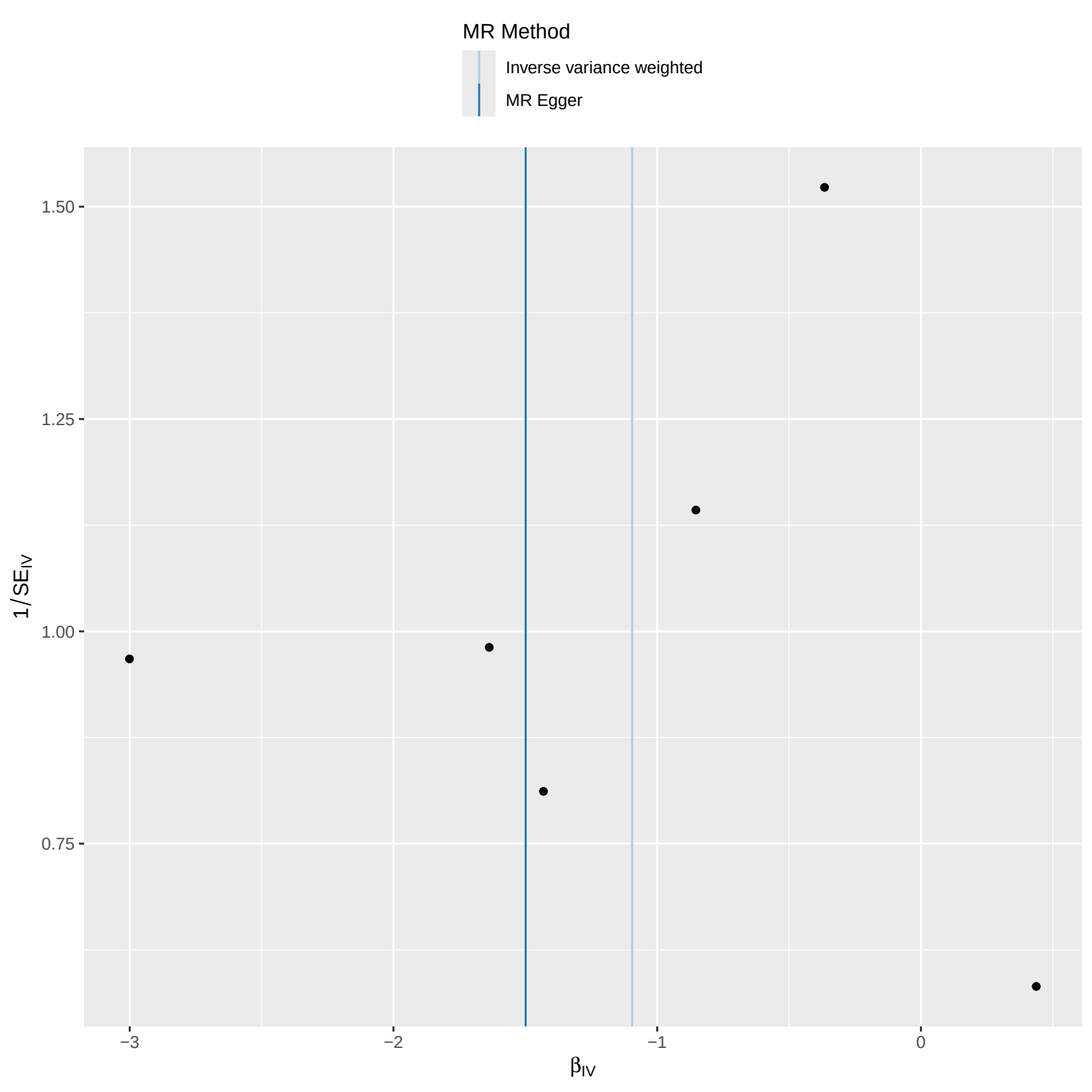

MR Method
Inverse variance weighted
MR Egger
1.6
1.2
0.8
0.4
1/SE_IV
−4
−3
−2
−1
0
1
β_IV

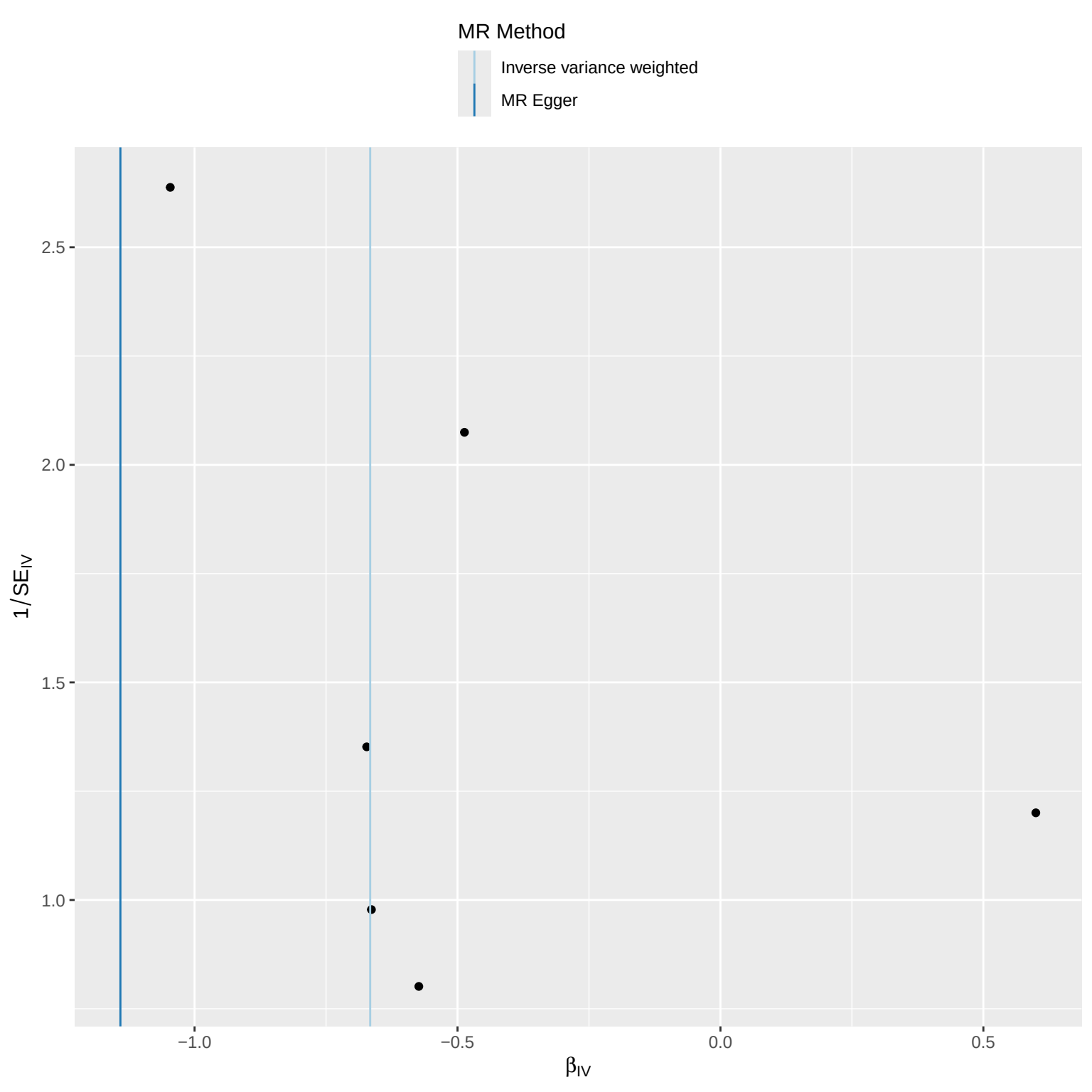

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
0
2
4
β_IV

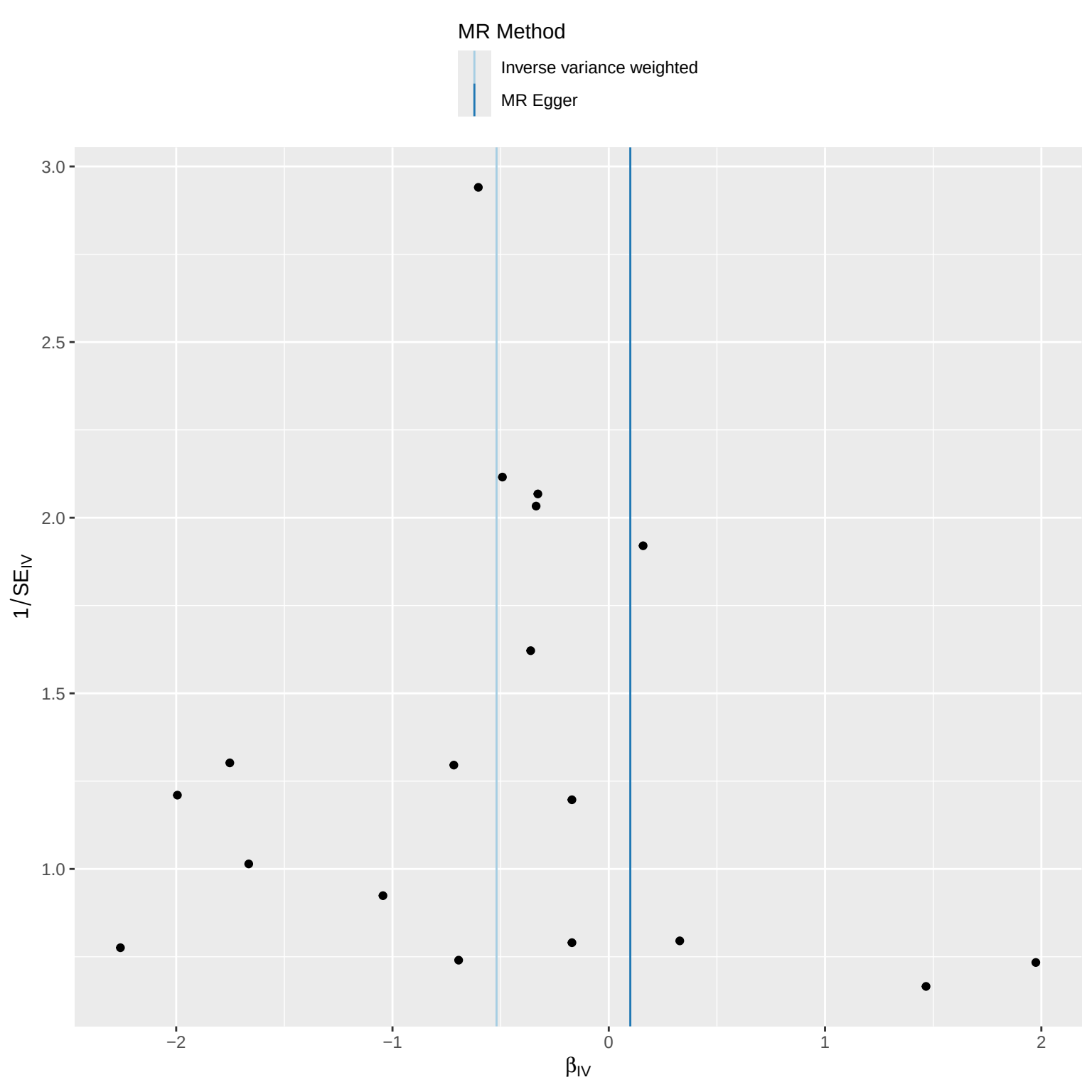

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−2
−1
0
1
2
3
β_IV

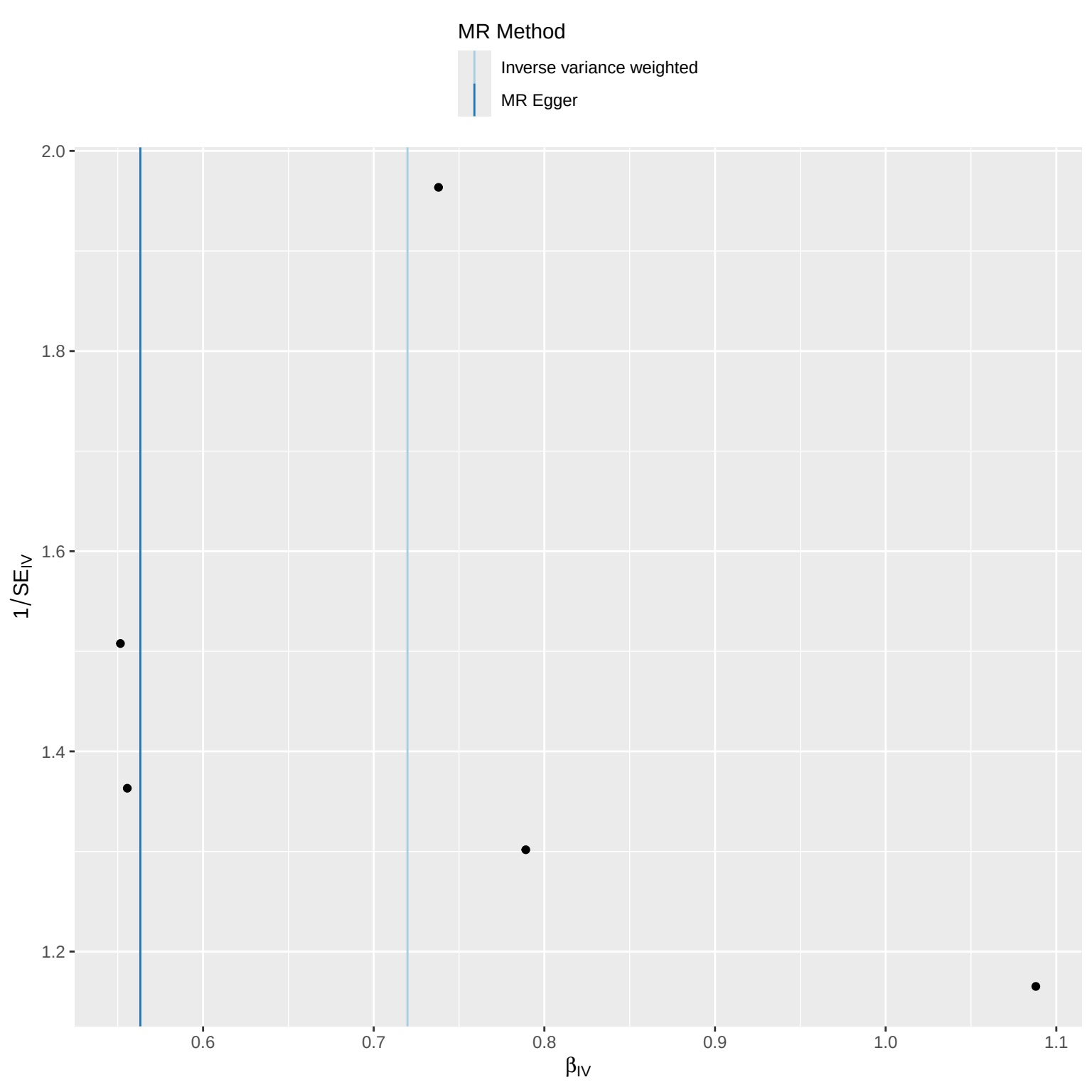

MR Method
Inverse variance weighted
MR Egger
1.0
0.8
0.6
1/SE_IV
−1
0
1
2
3
β_IV

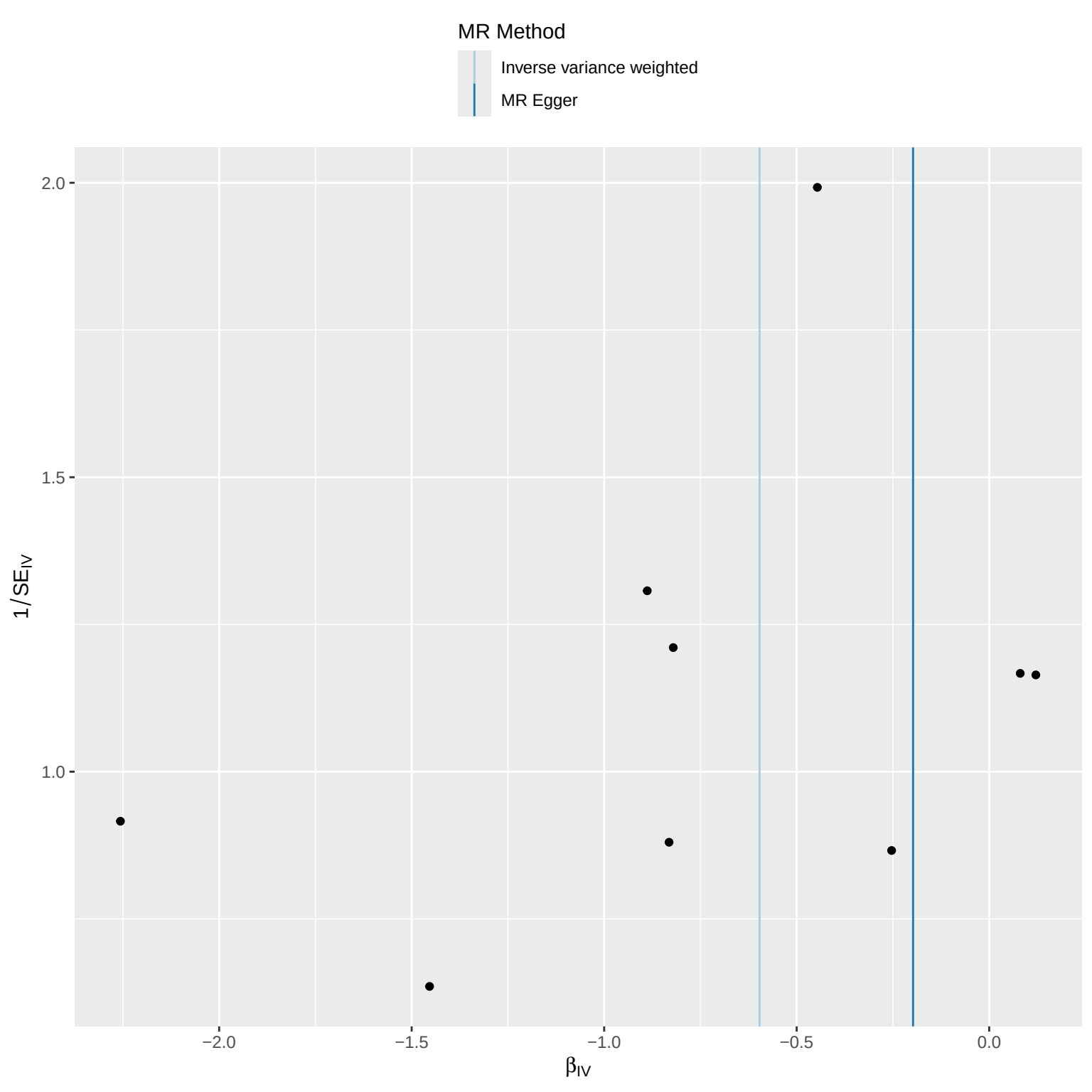

MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
β_IV

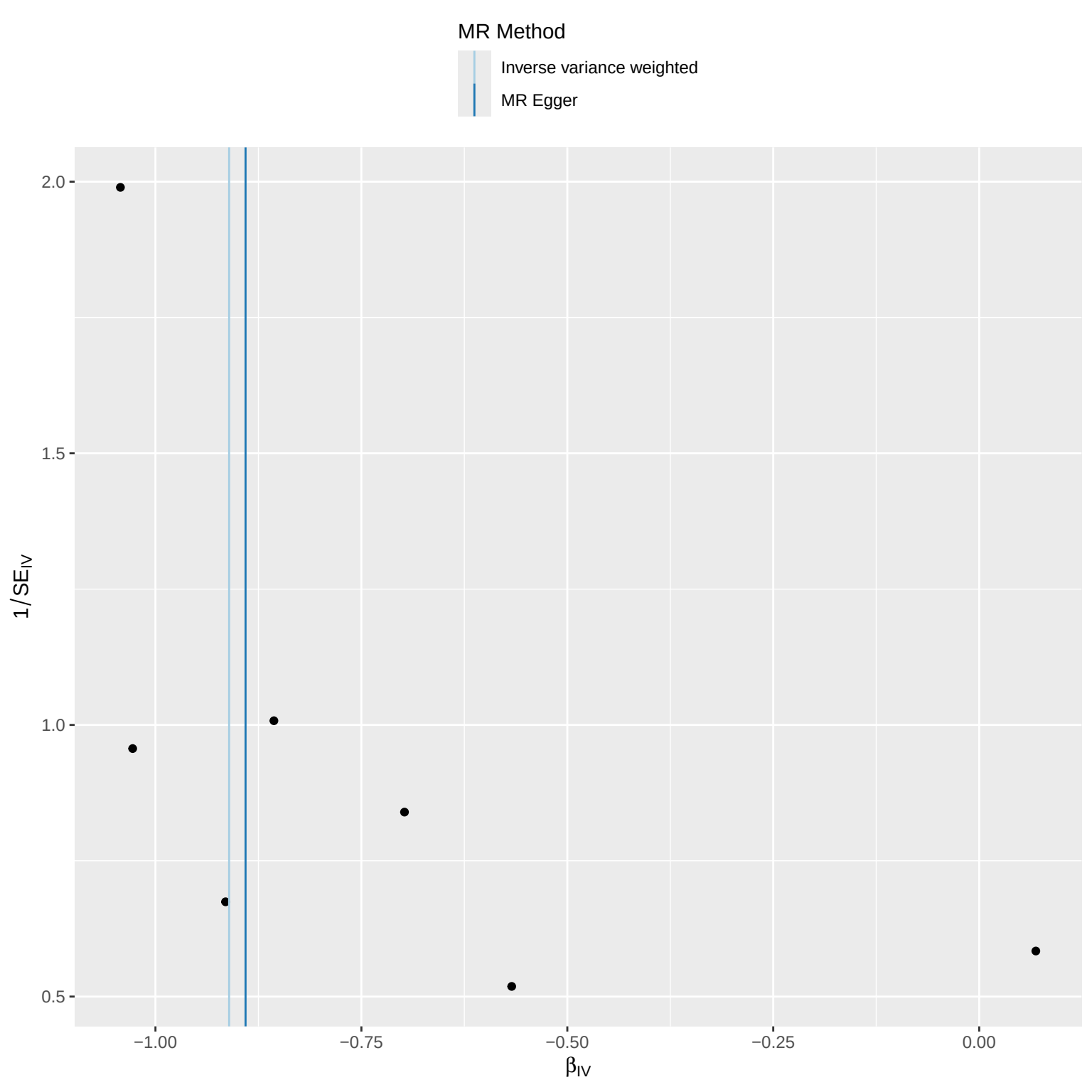

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
1/SE_IV
−3
−2
−1
0
β_IV

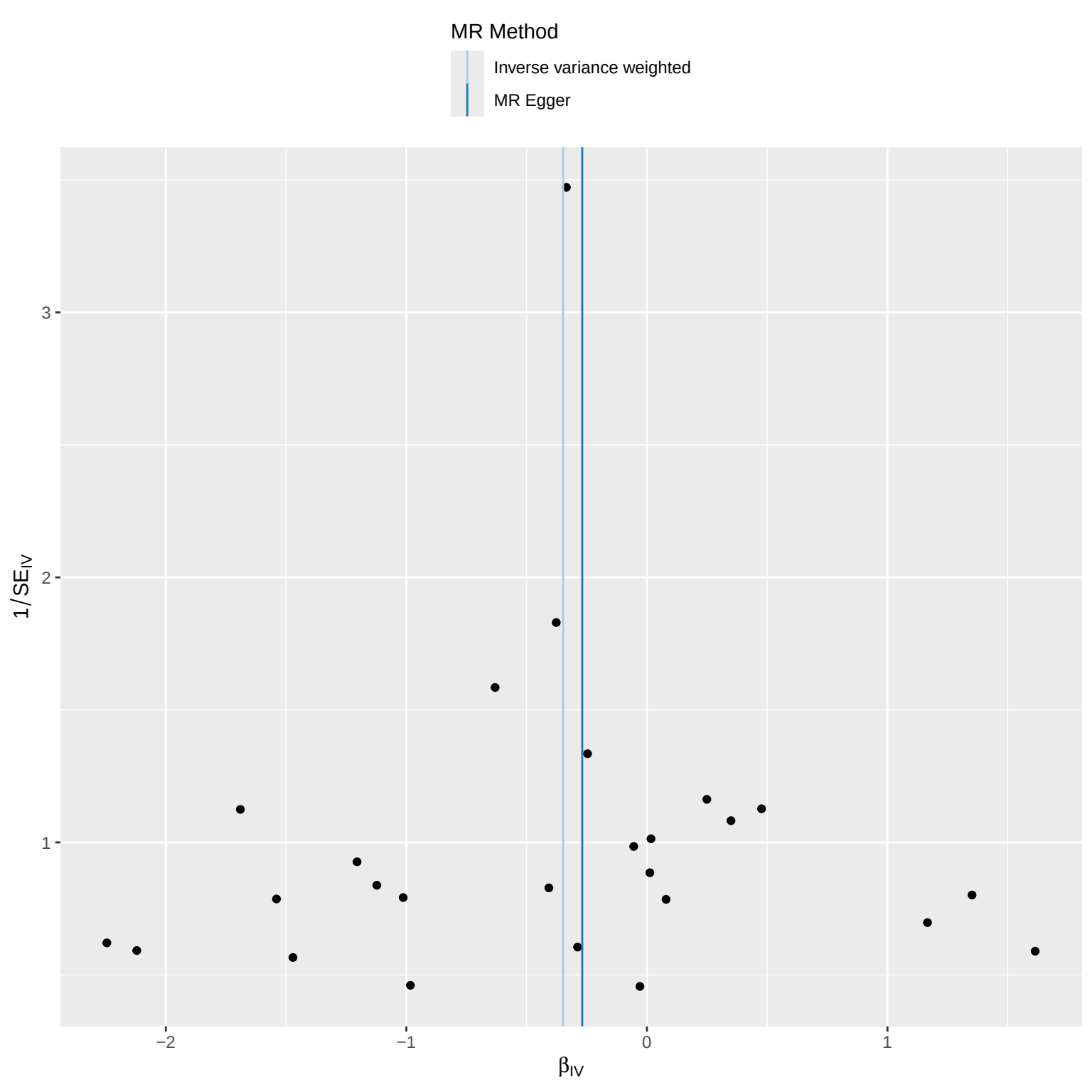

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

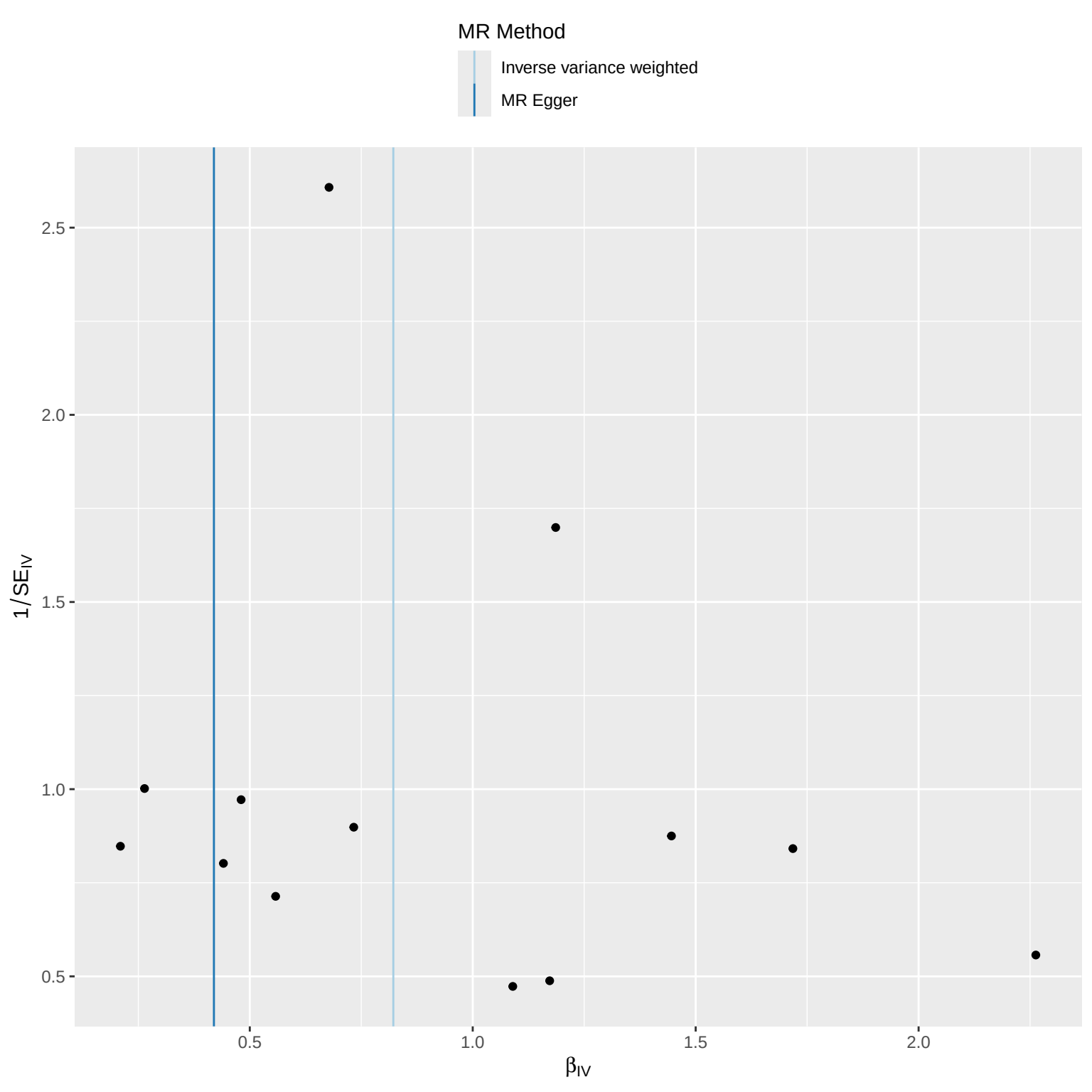

MR Method
Inverse variance weighted
MR Egger
3.0
2.5
2.0
1.5
1.0
1/SE_IV
−2
−1
0
1
2
β_IV

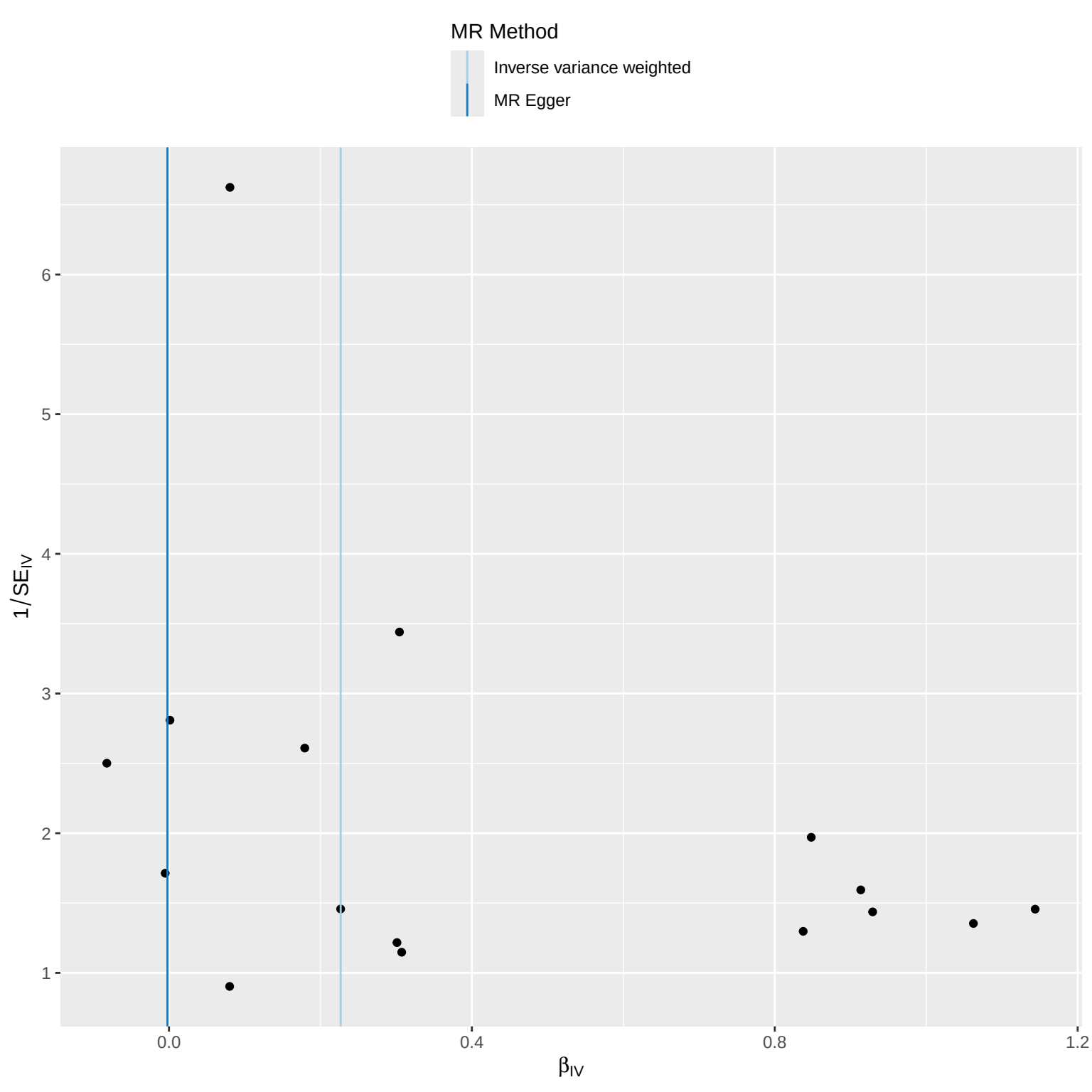

MR Method
Inverse variance weighted
MR Egger
2.0
1.8
1.6
1.4
1.2
1/SE_IV
0.6
0.7
0.8
0.9
1.0
1.1
β_IV

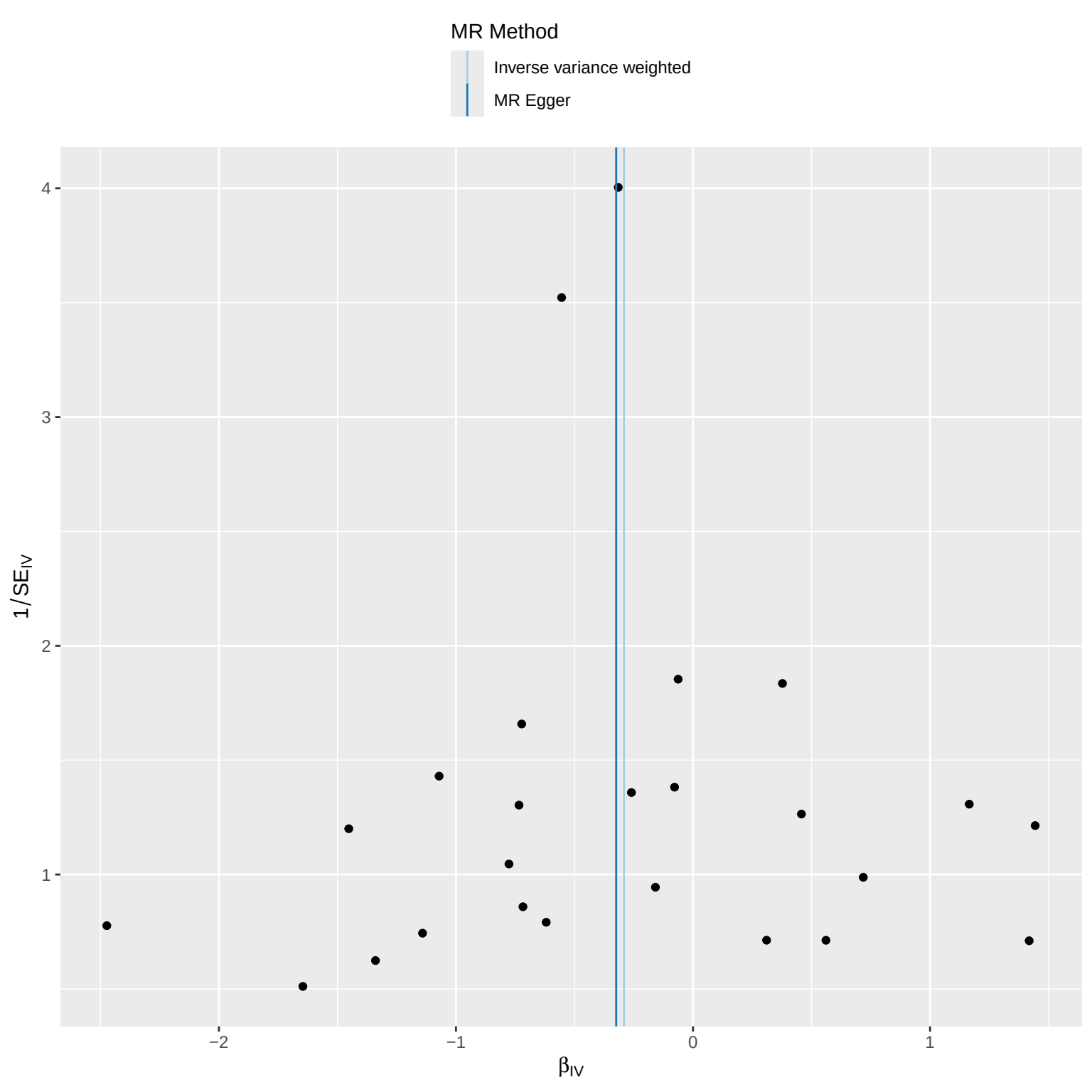

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
β_IV

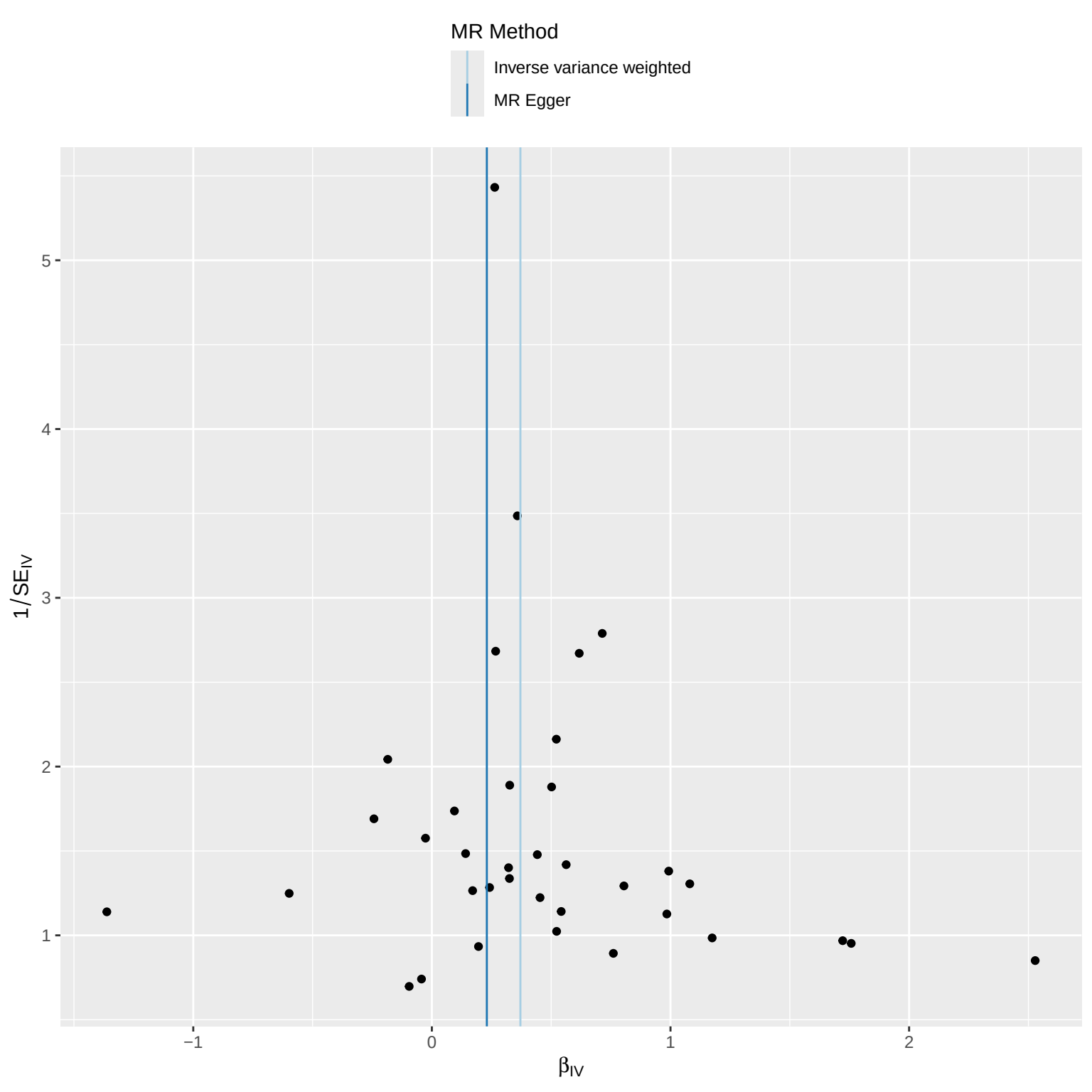

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−1.00
−0.75
−0.50
−0.25
0.00
β_IV

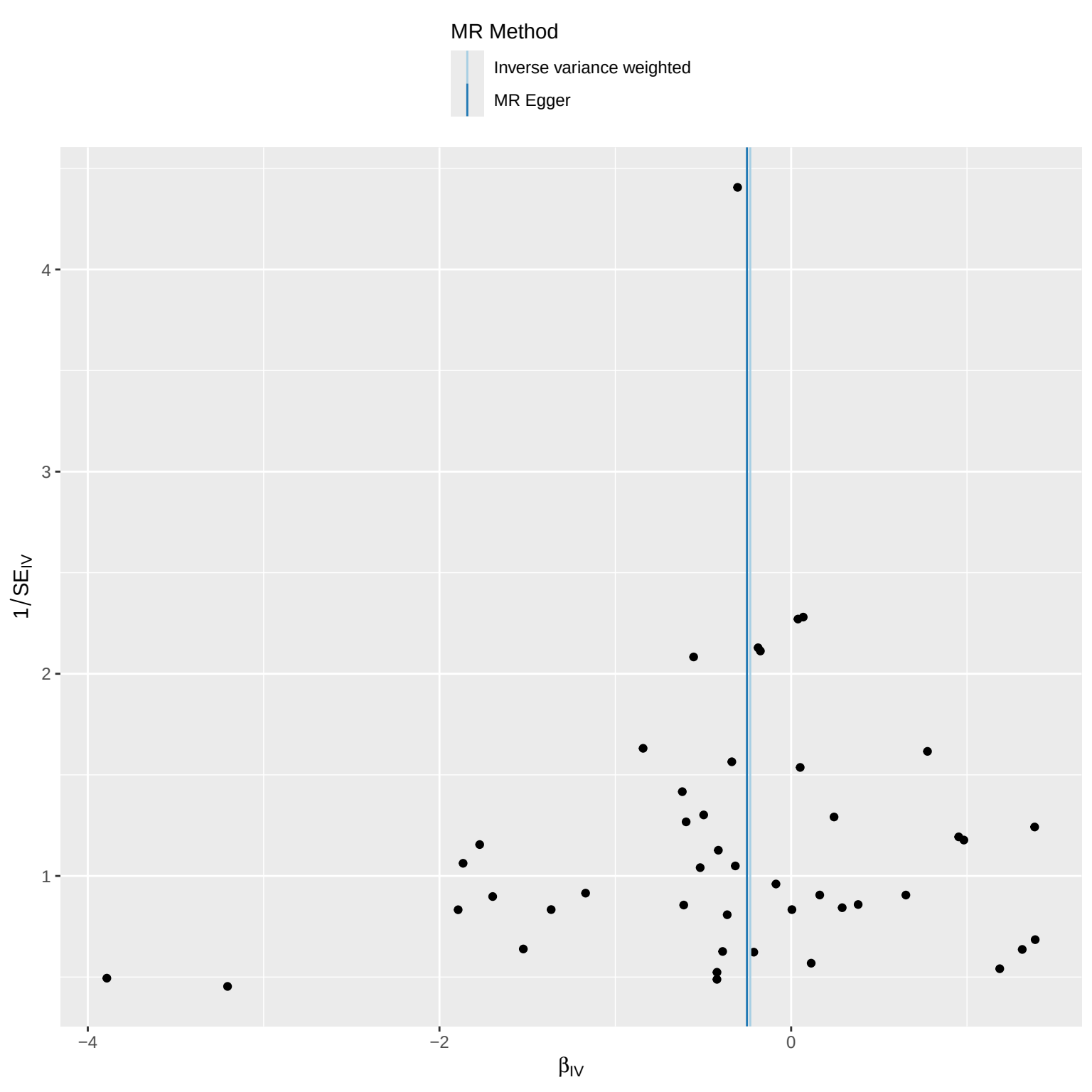

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

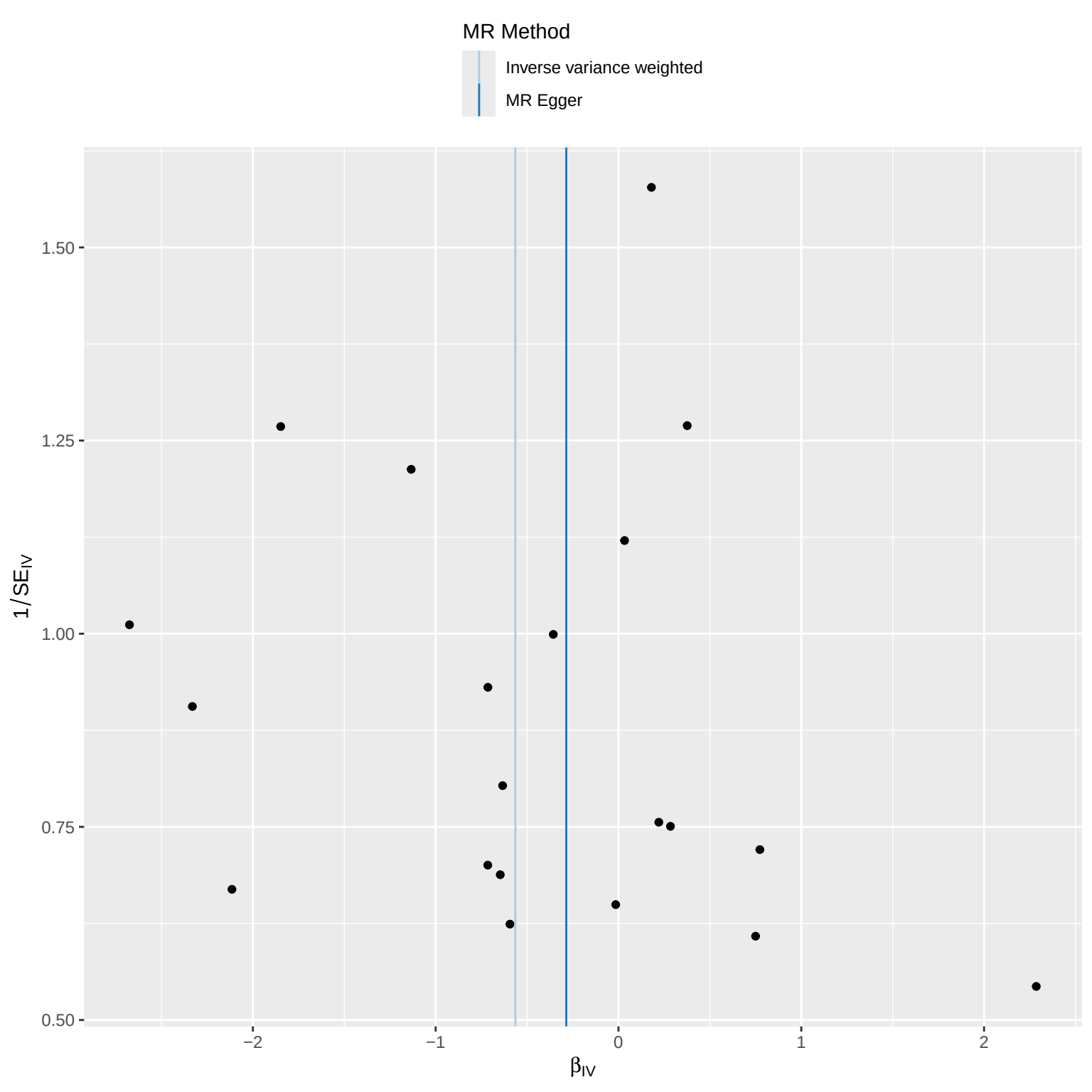

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
0.5
1.0
1.5
2.0
β_IV

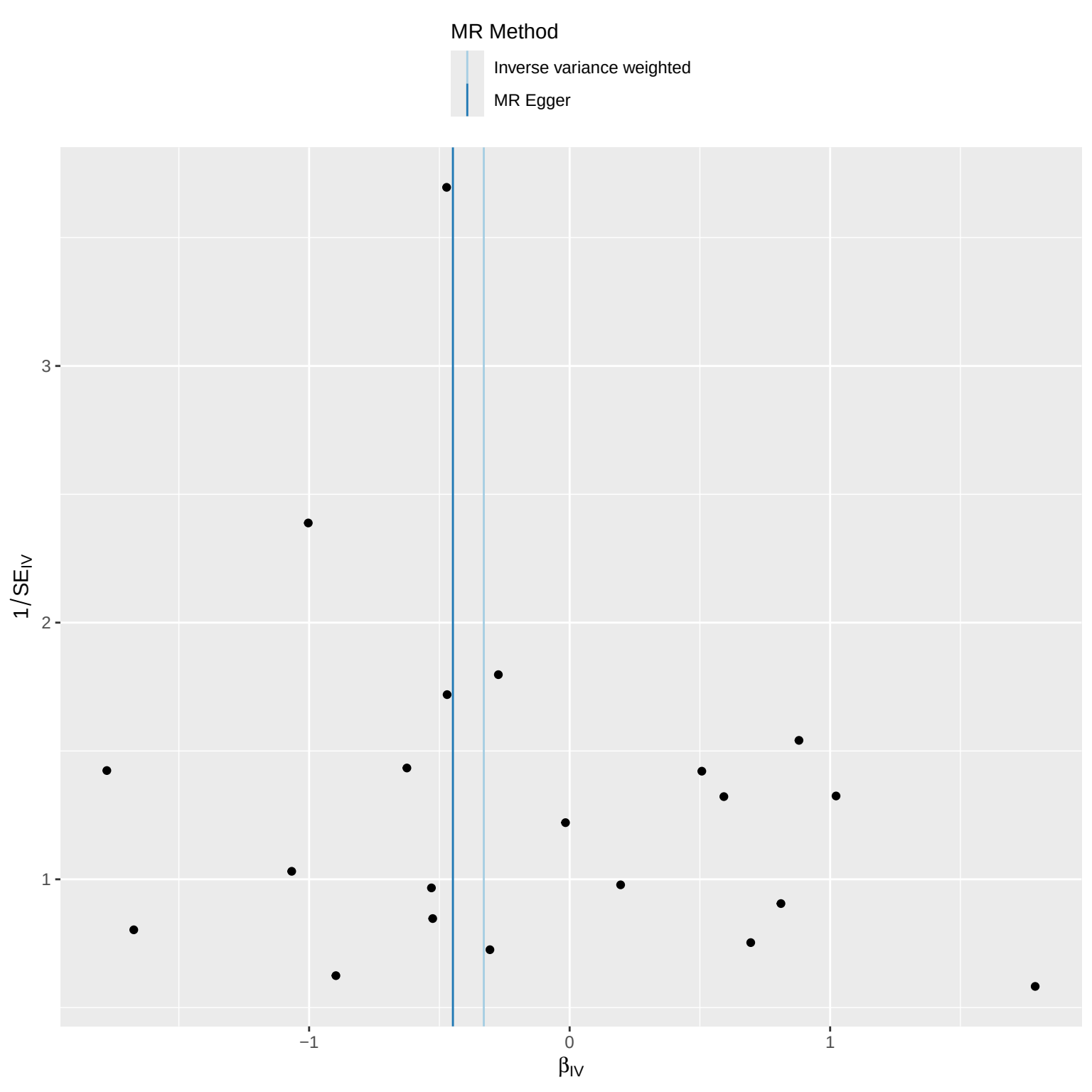

MR Method
Inverse variance weighted
MR Egger
6
5
4
3
2
1
1/SE_IV
0.0
0.4
0.8
1.2
β_IV

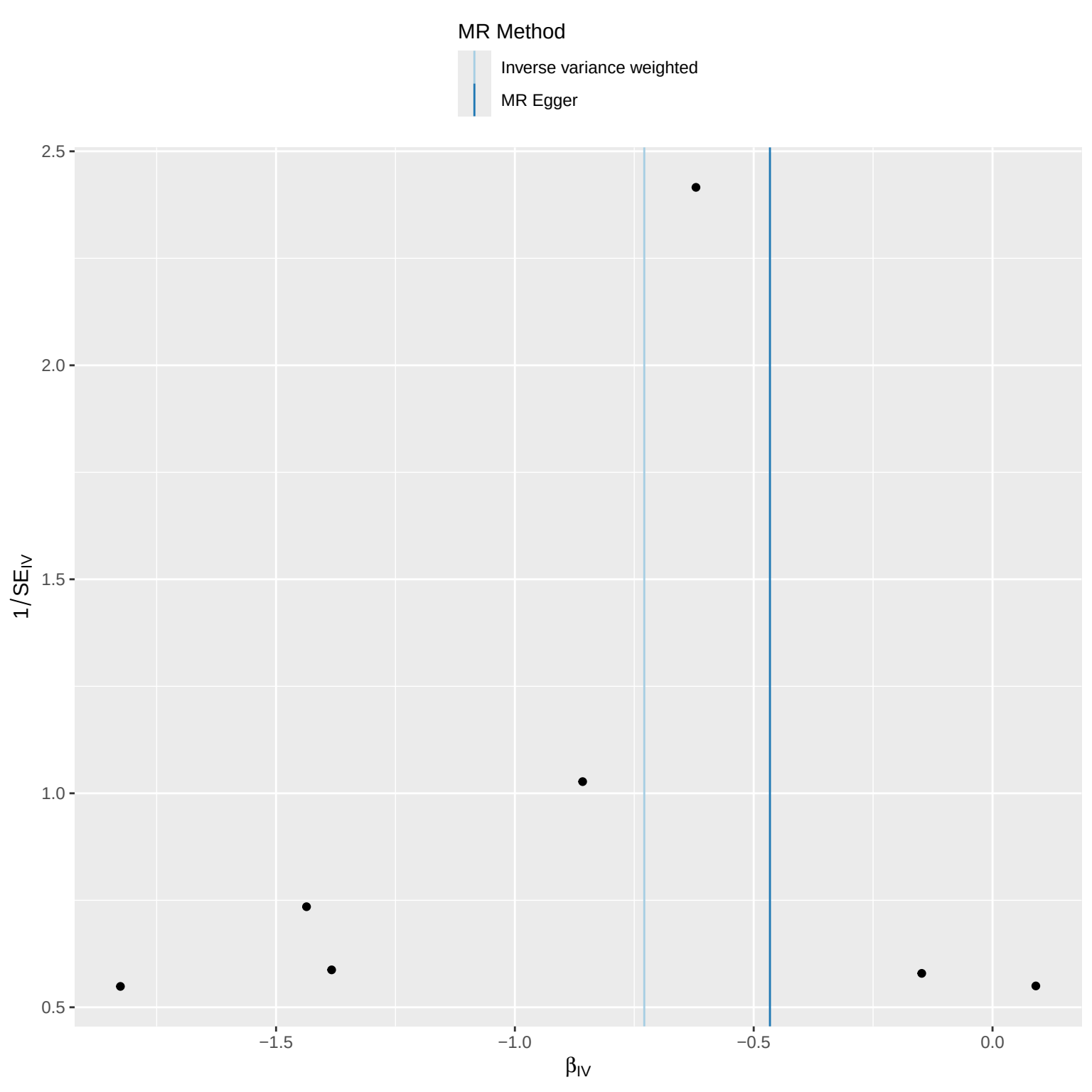

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
β_IV

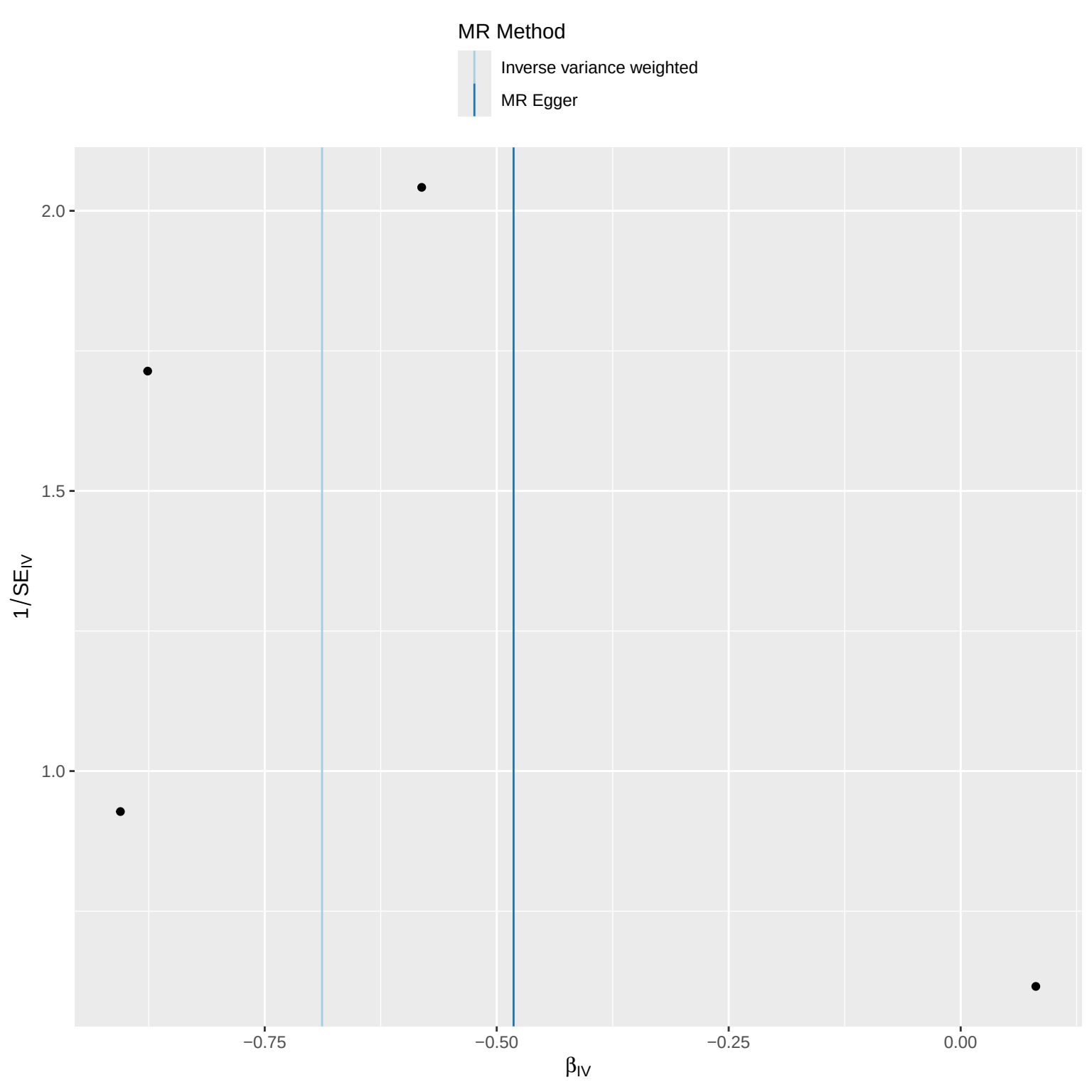

MR Method
Inverse variance weighted
MR Egger
5
4
3
2
1
1/SE_IV
−1
0
1
2
β_IV

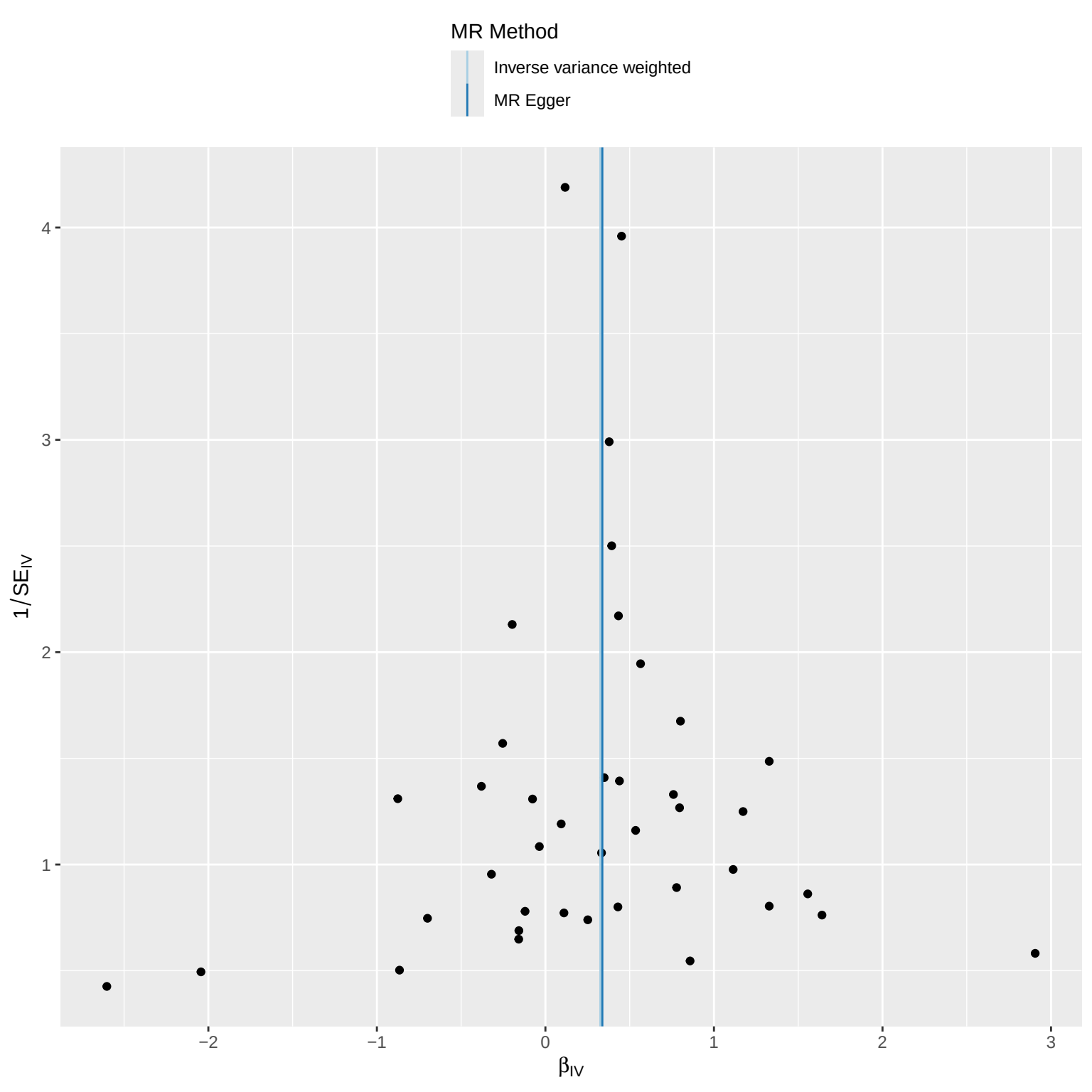

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−4
−2
0
β_IV

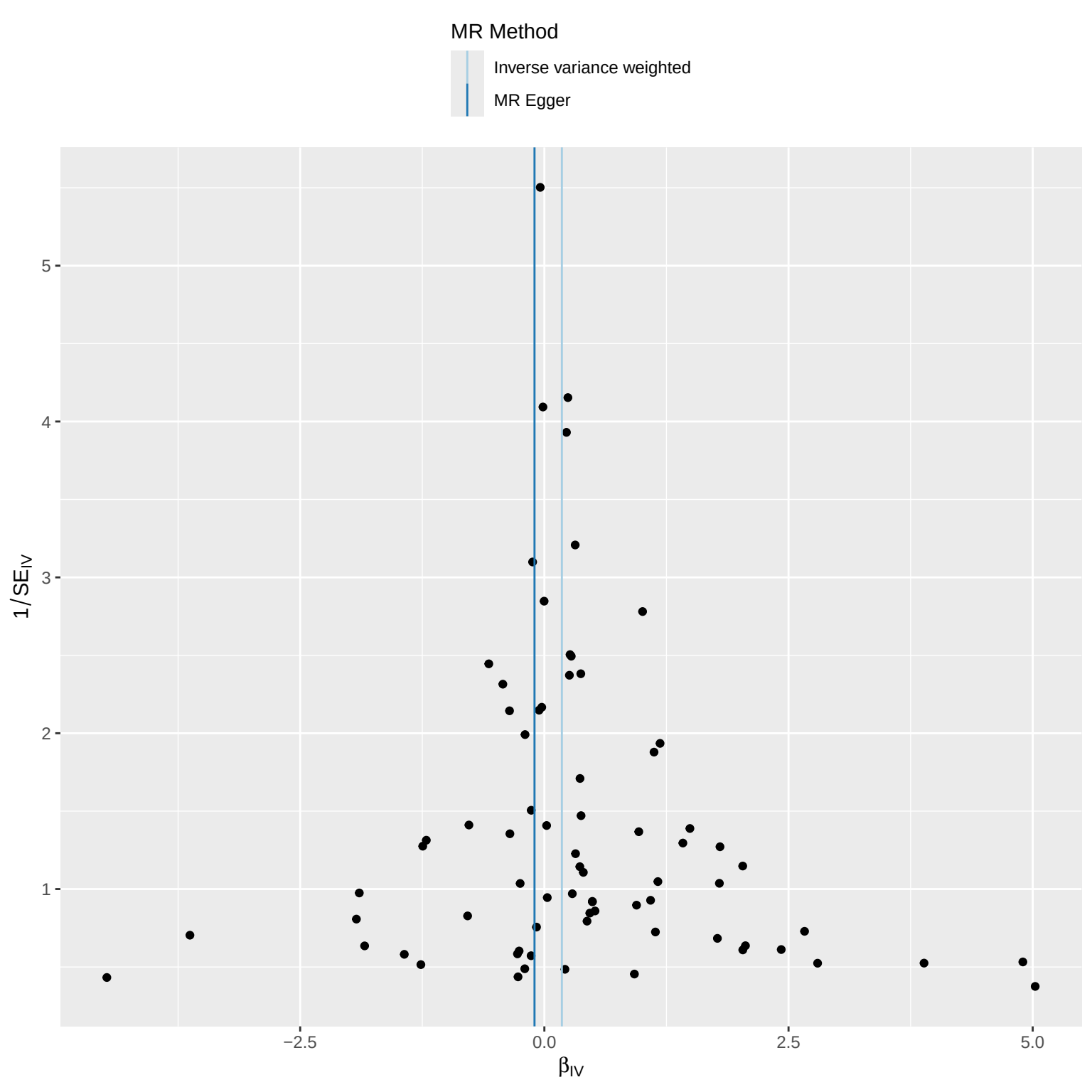

MR Method
Inverse variance weighted
MR Egger
1.50
1.25
1.00
0.75
0.50
1/SE_IV
−2
−1
0
1
2
β_IV

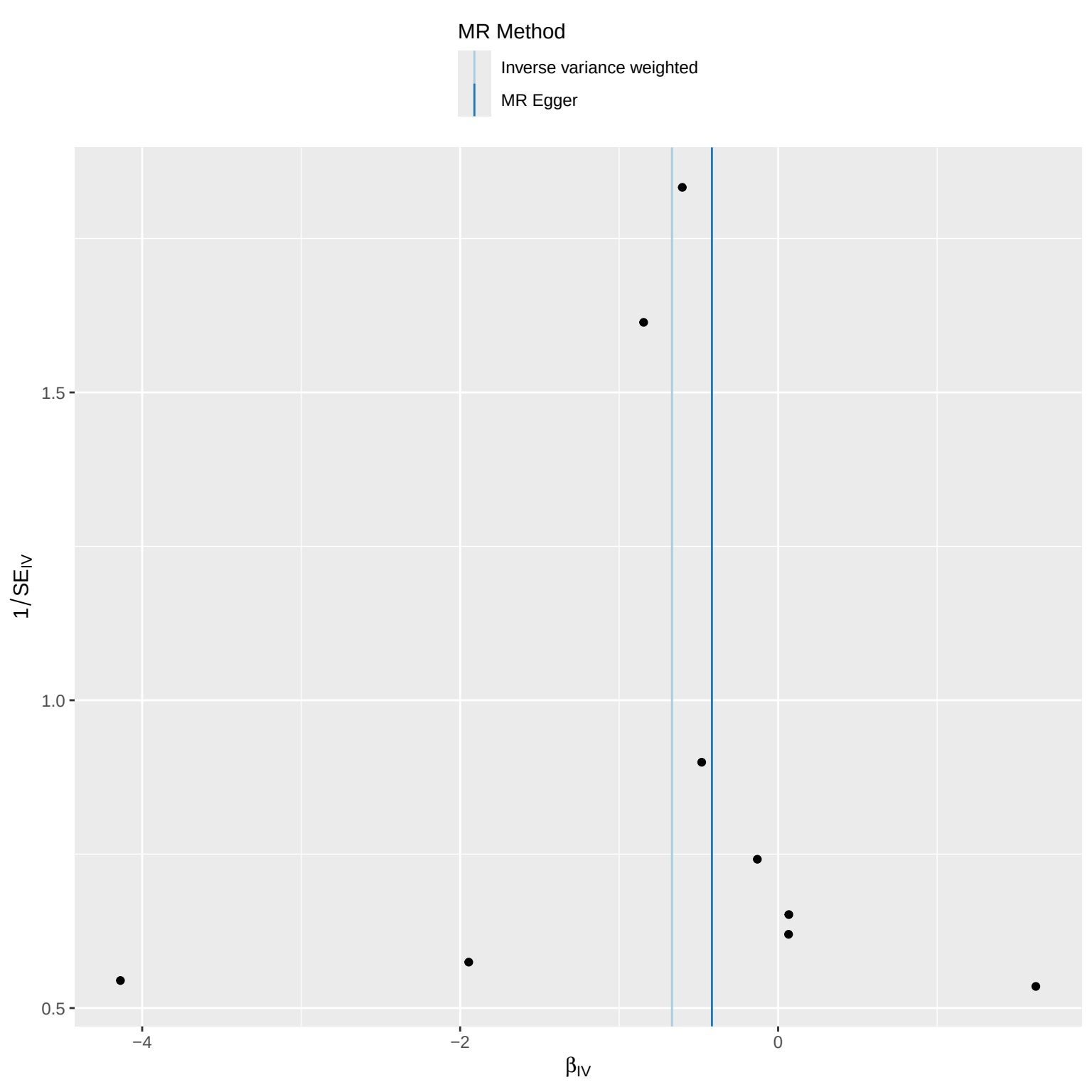

MR Method
Inverse variance weighted
MR Egger
3
2
1
1/SE_IV
−1
0
1
β_IV

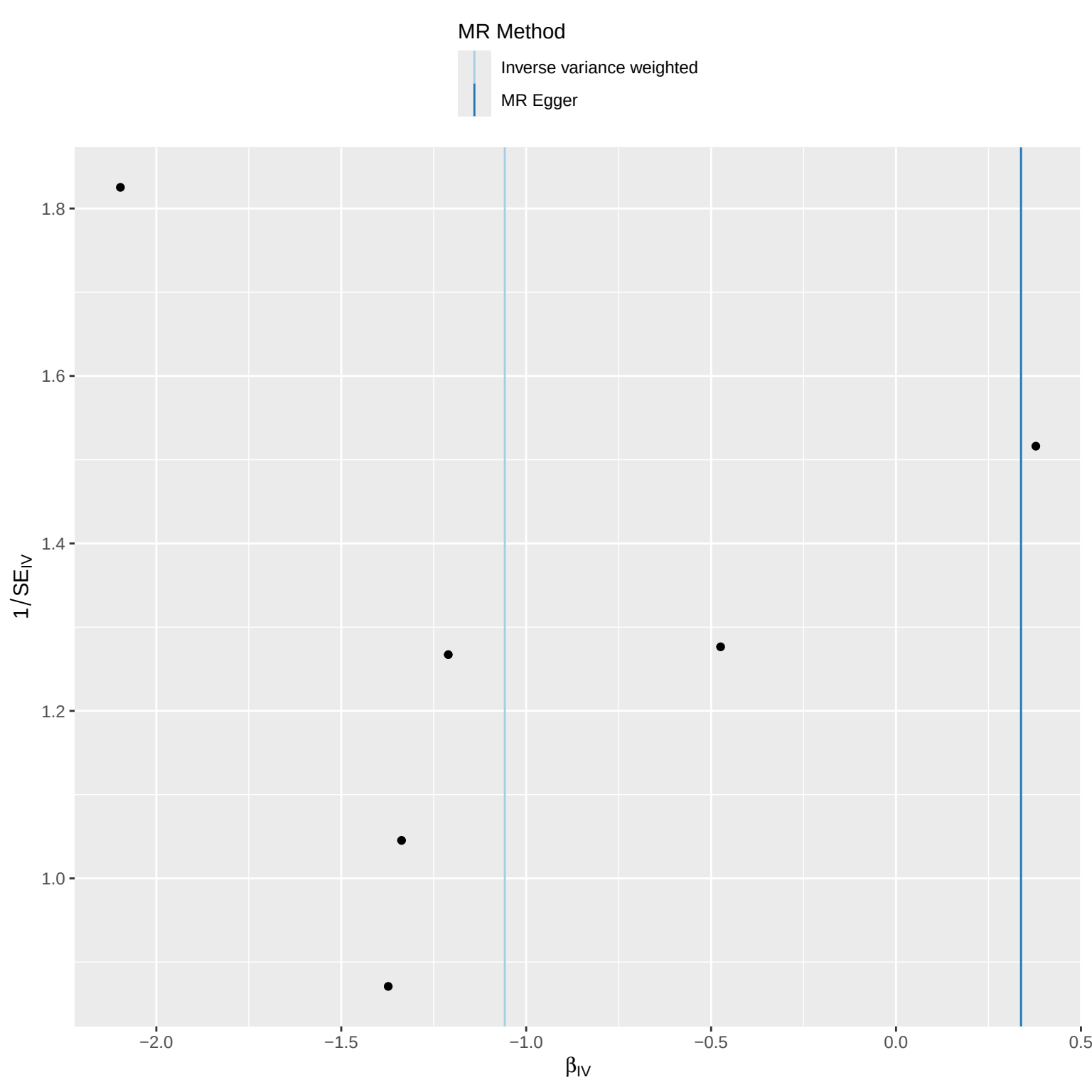

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1.0
0.5
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV

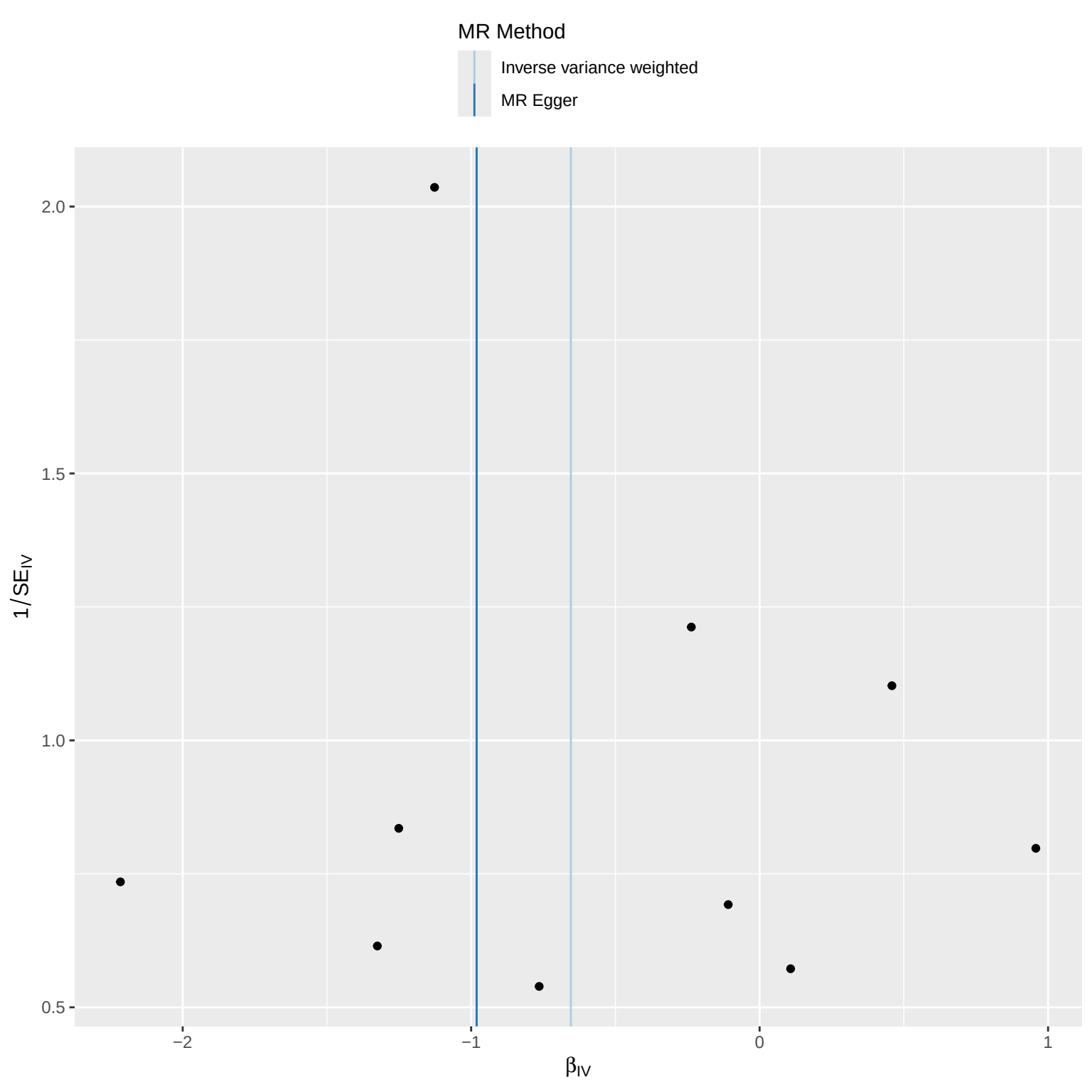

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
−0.75
−0.50
−0.25
0.00
β_IV

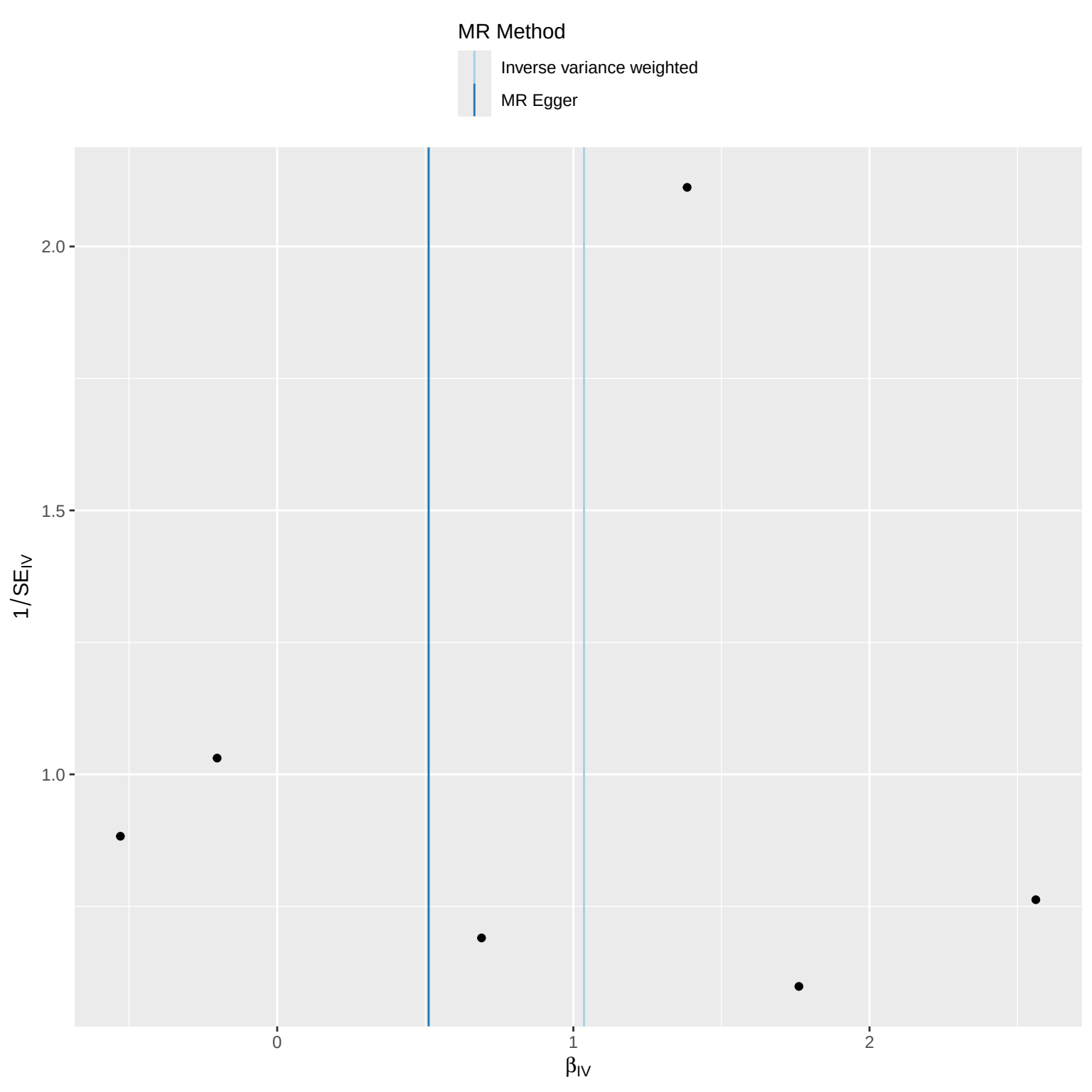

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−2
−1
0
1
2
3
β_IV

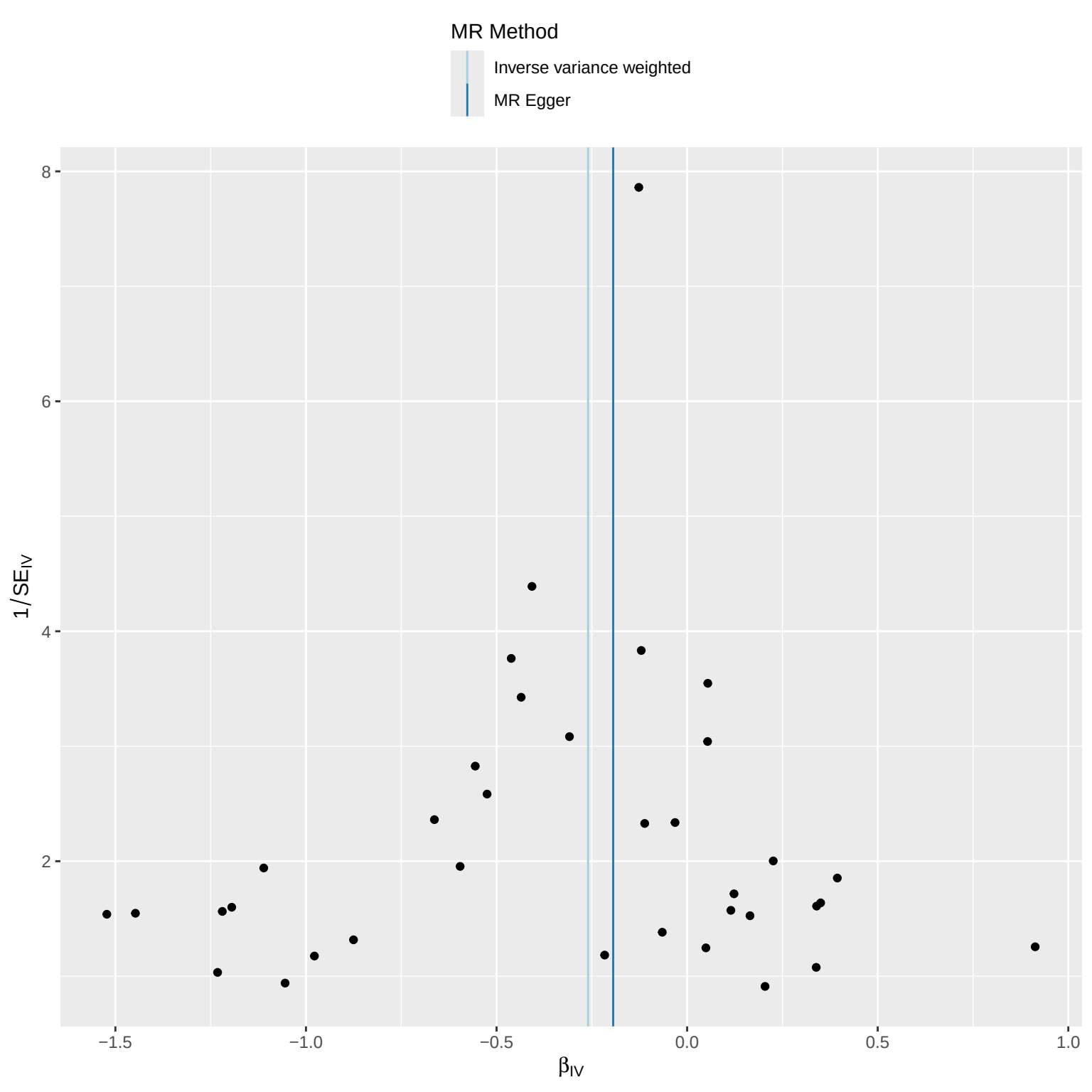

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
5
4
3
2
1
−2.5
0.0
2.5
5.0

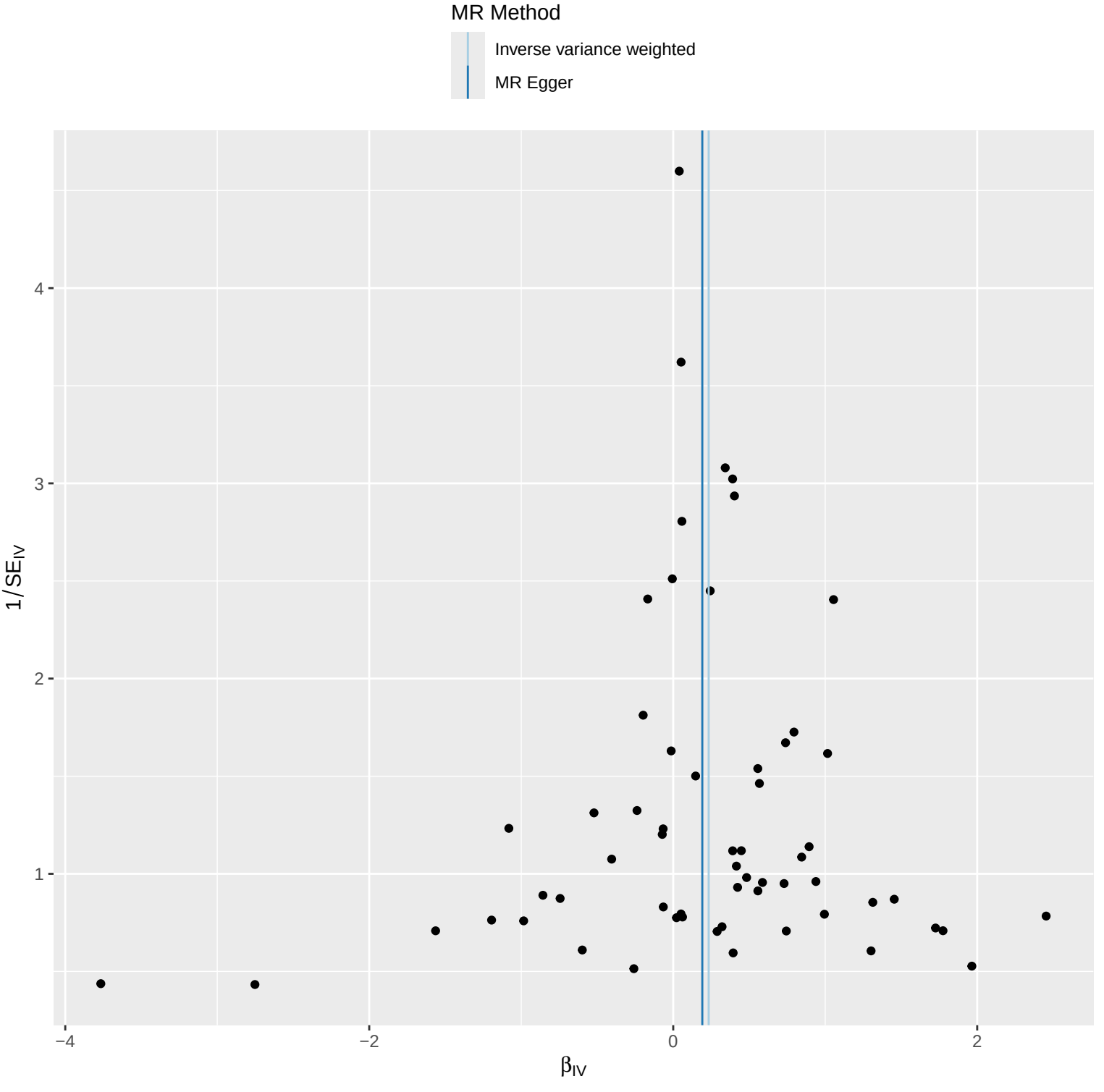

MR Method
Inverse variance weighted
MR Egger
1.5
1.0
0.5
1/SE_IV
−4
−2
0
β_IV

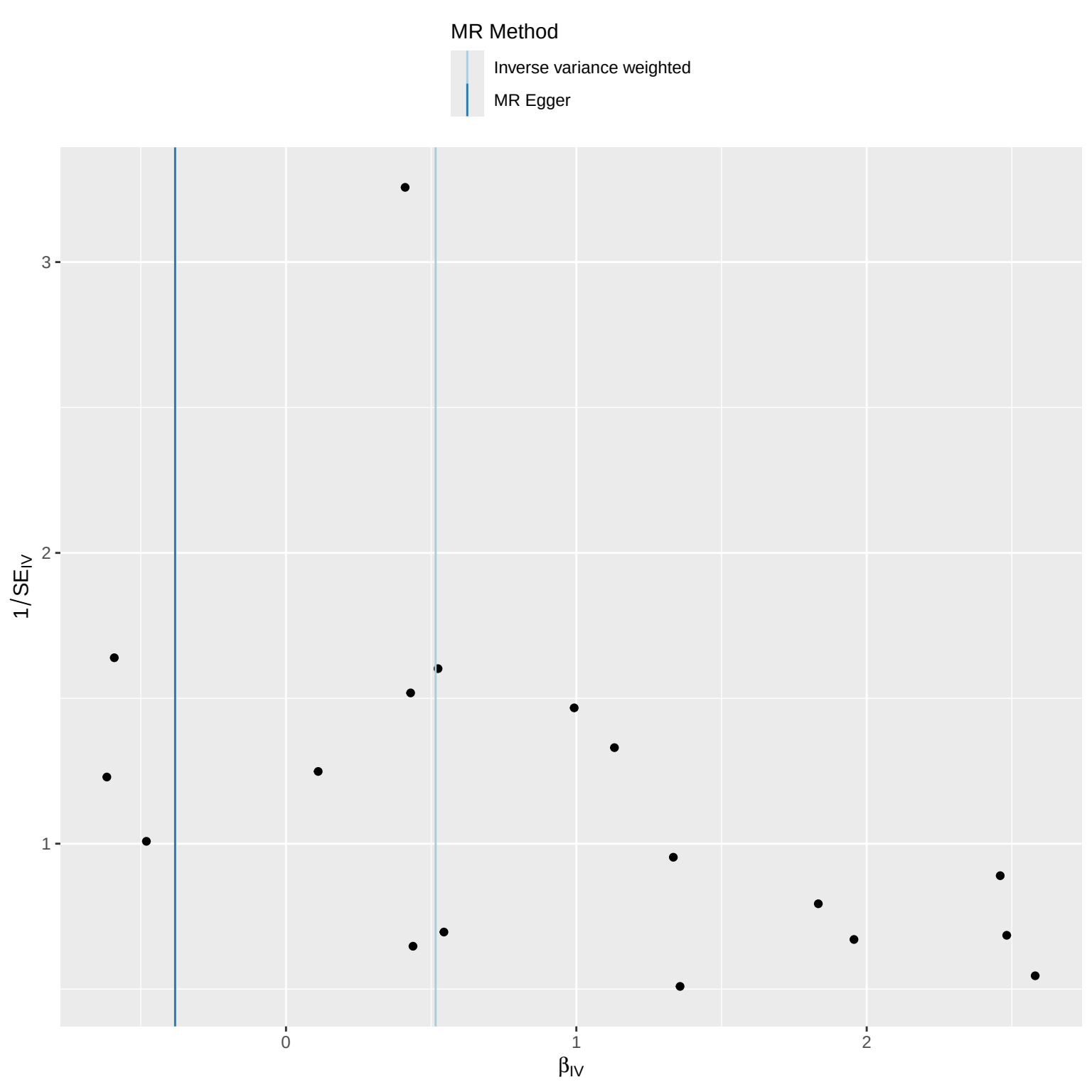

MR Method
Inverse variance weighted
MR Egger
1.8
1.6
1.4
1.2
1.0
1/SE_IV
−2.0
−1.5
−1.0
−0.5
0.0
0.5
β_IV

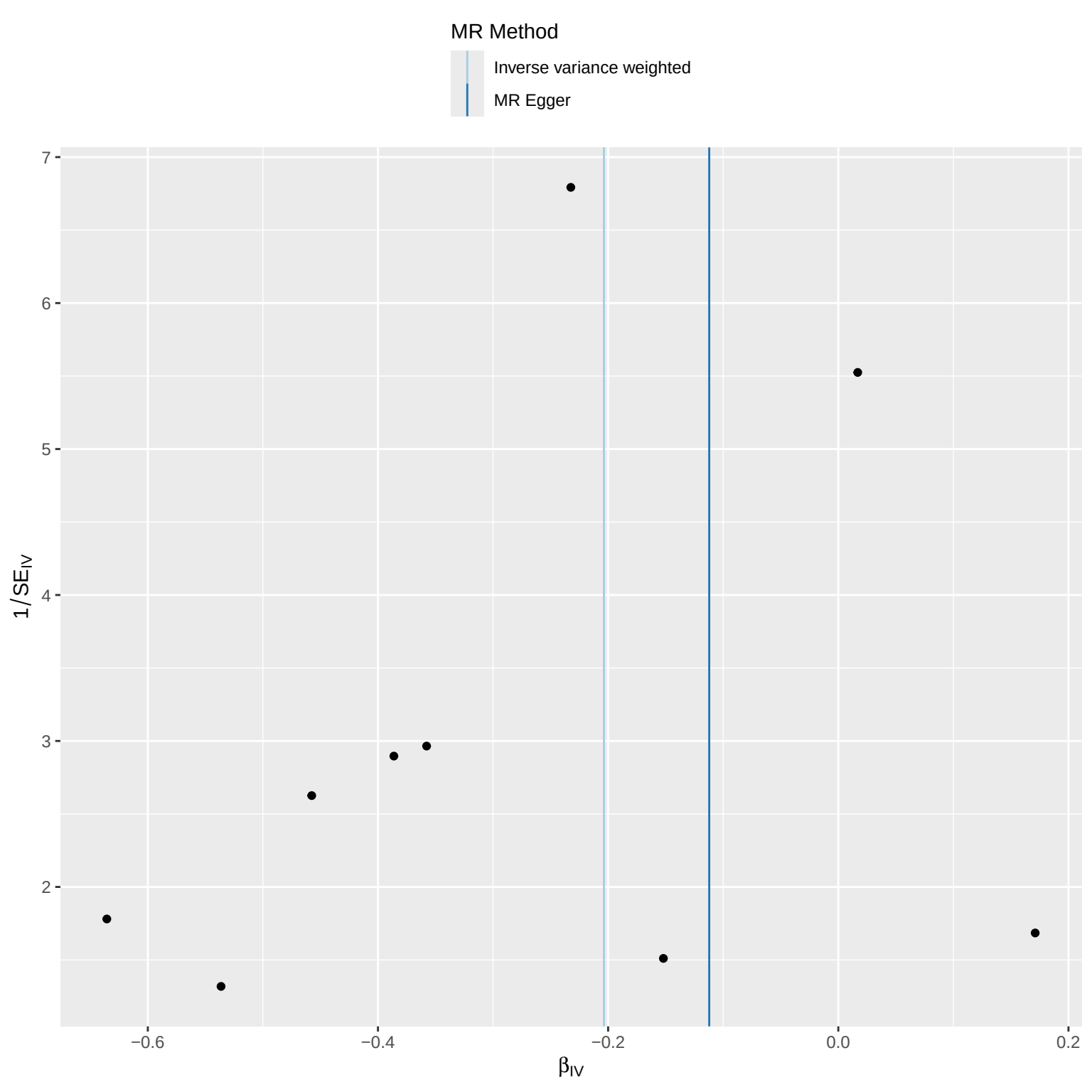

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
0.5
1/SE_IV
−2
−1
0
1
β_IV

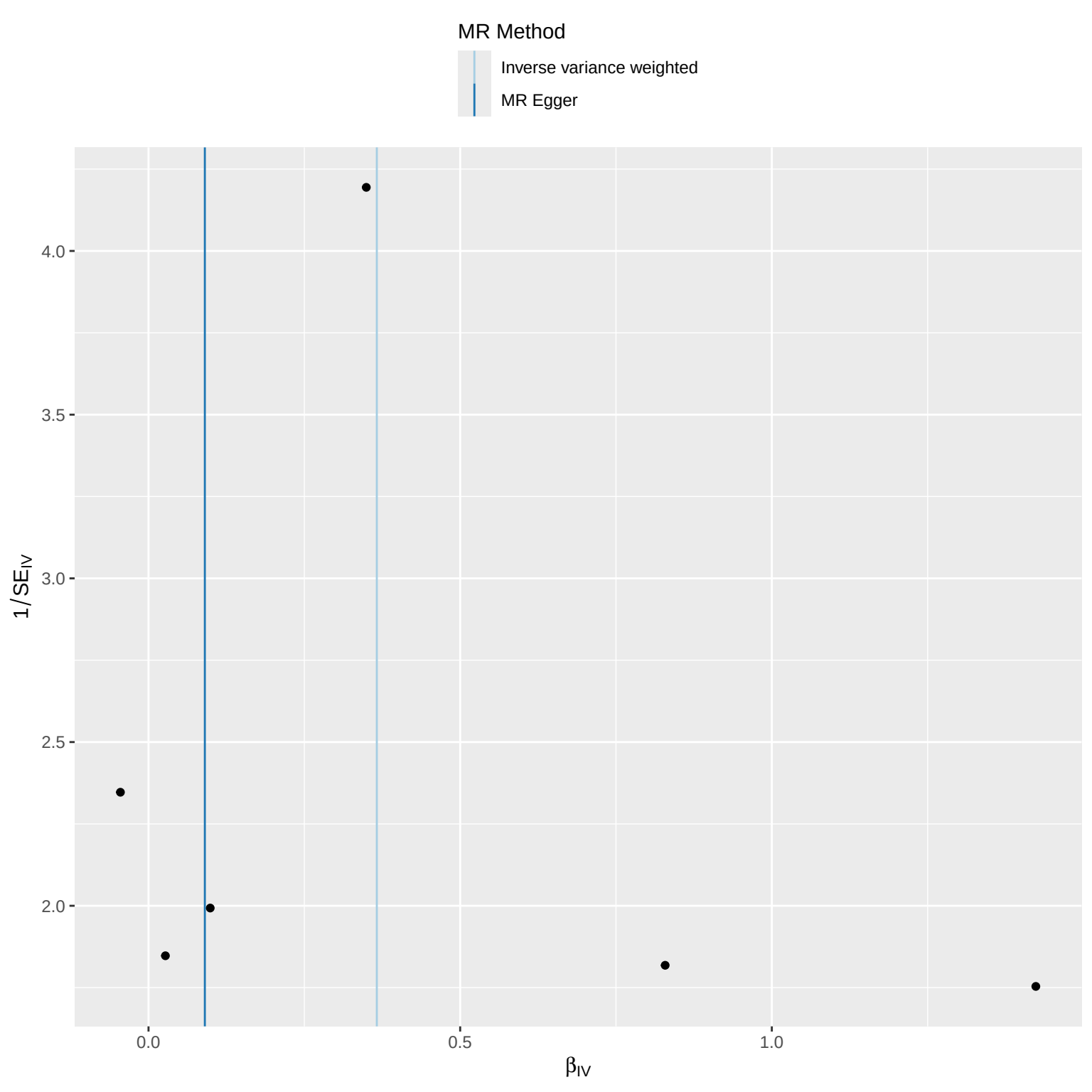

MR Method
Inverse variance weighted
MR Egger
2.0
1.5
1.0
1/SE_IV
0
1
2
β_IV

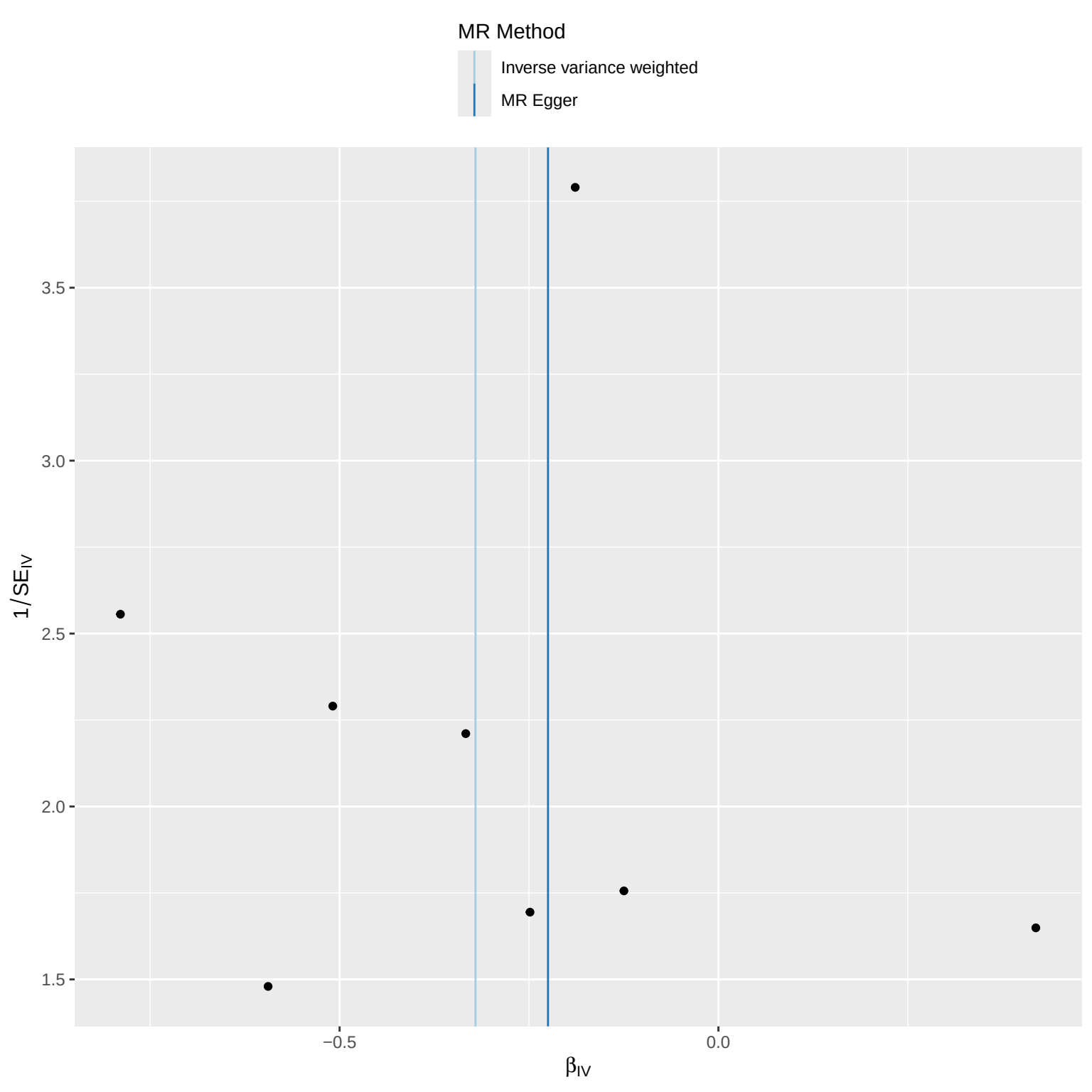

MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.5
−1.0
−0.5
0.0
0.5
1.0
β_IV

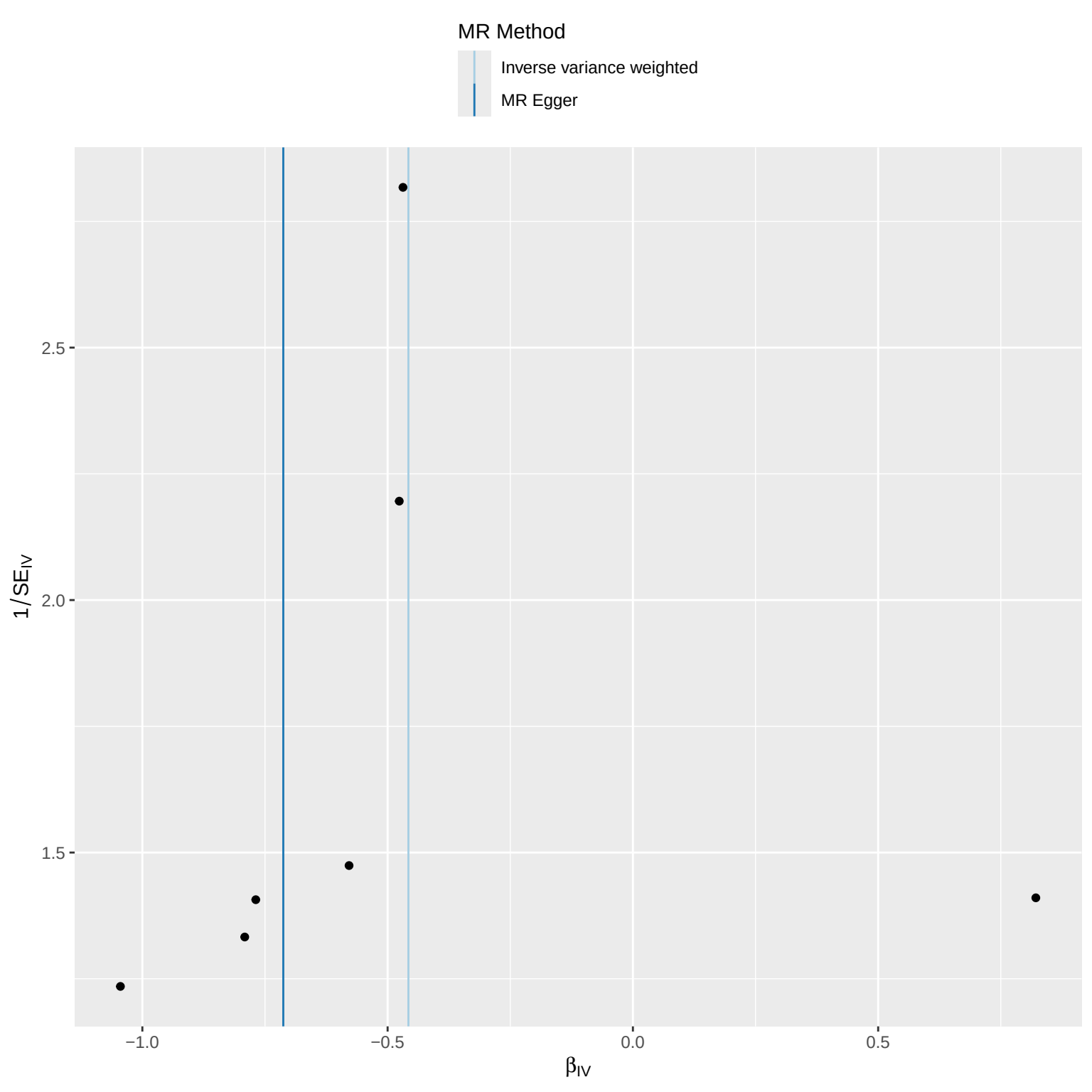

MR Method
Inverse variance weighted
MR Egger
1/SE_IV
β_IV
4
3
2
1
−4
−2
0
2

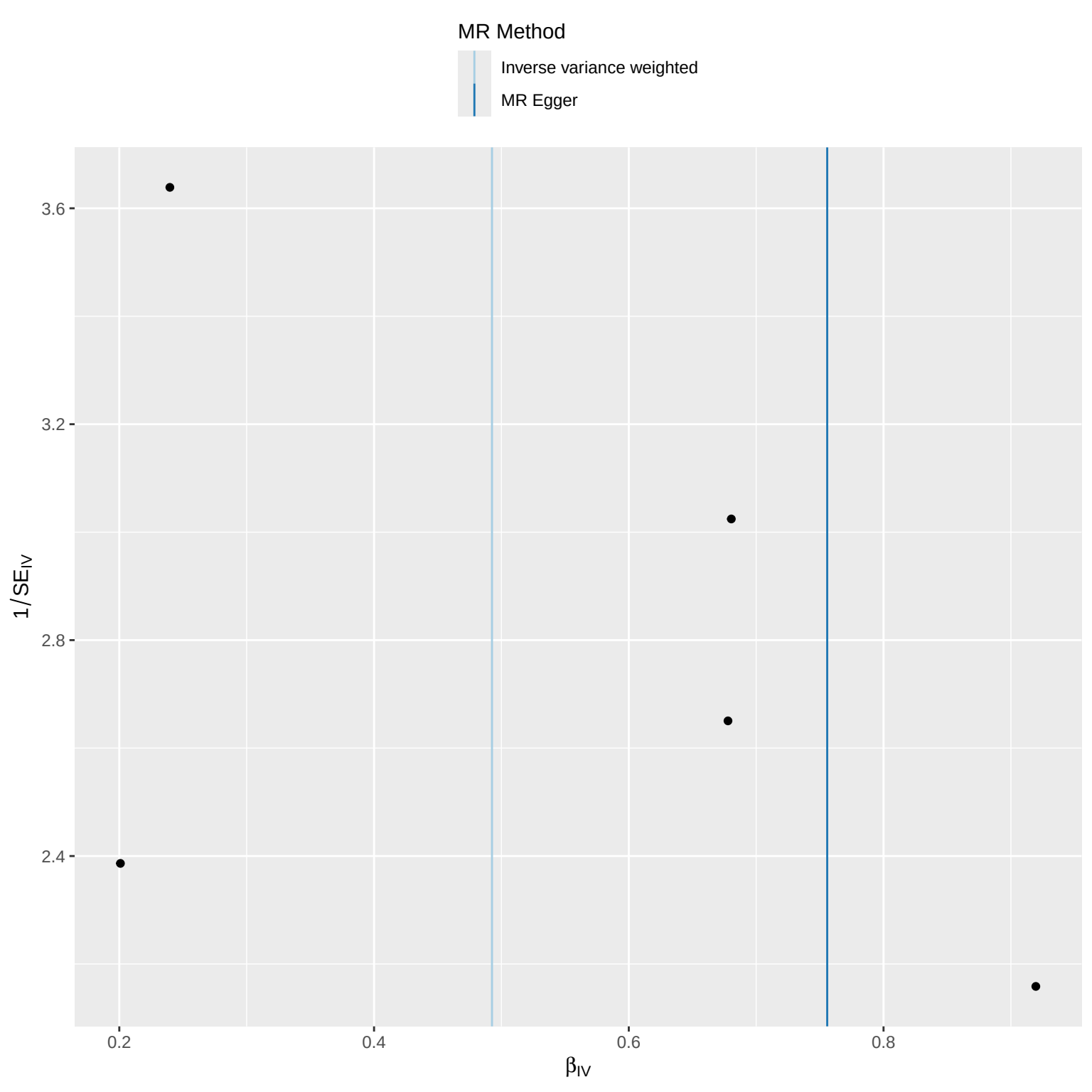

MR Method
Inverse variance weighted
MR Egger
3
2
1
0
1
2
1/SE_IV
β_IV

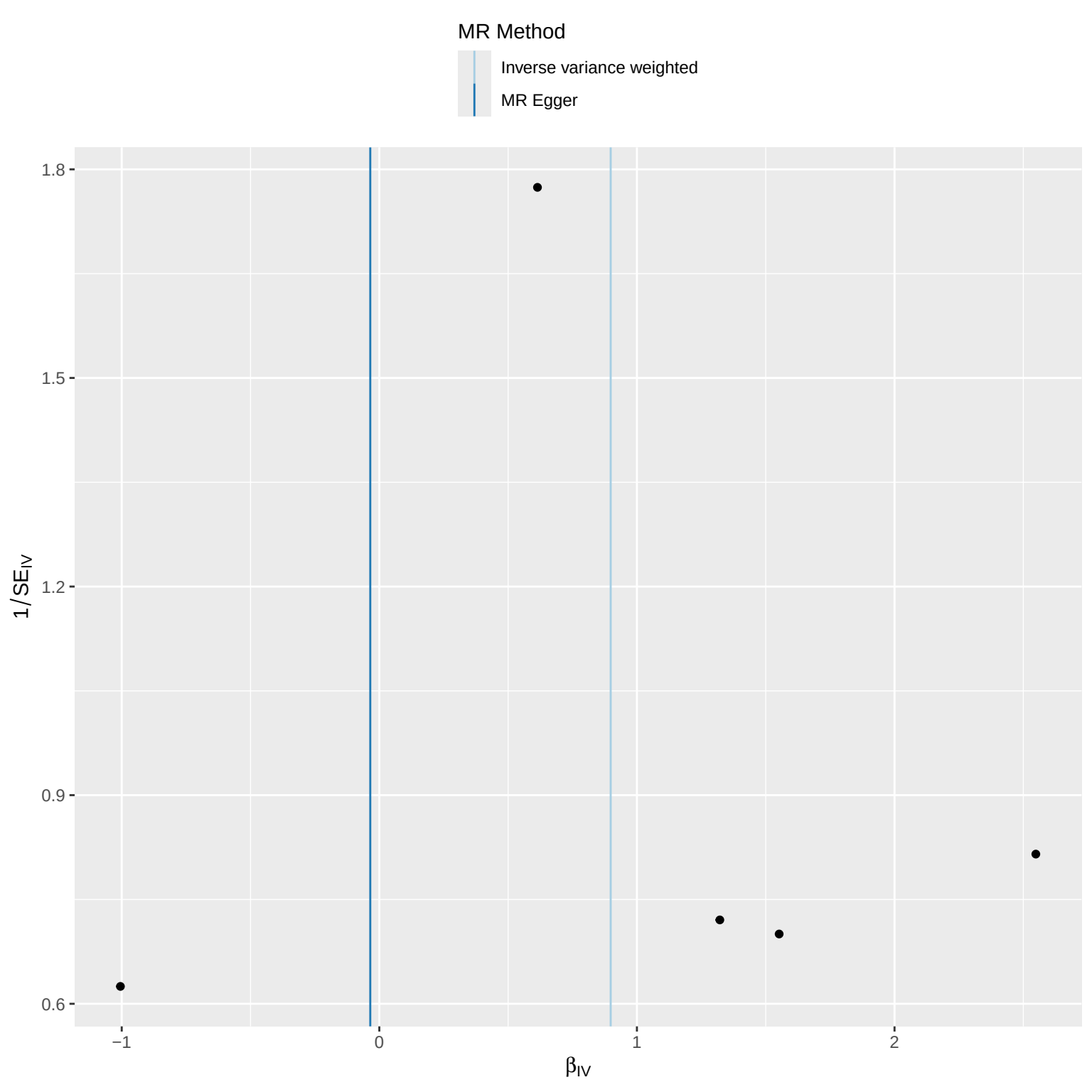

MR Method
Inverse variance weighted
MR Egger
7
6
5
4
3
2
1/SE_IV
−0.6
−0.4
−0.2
0.0
0.2
β_IV

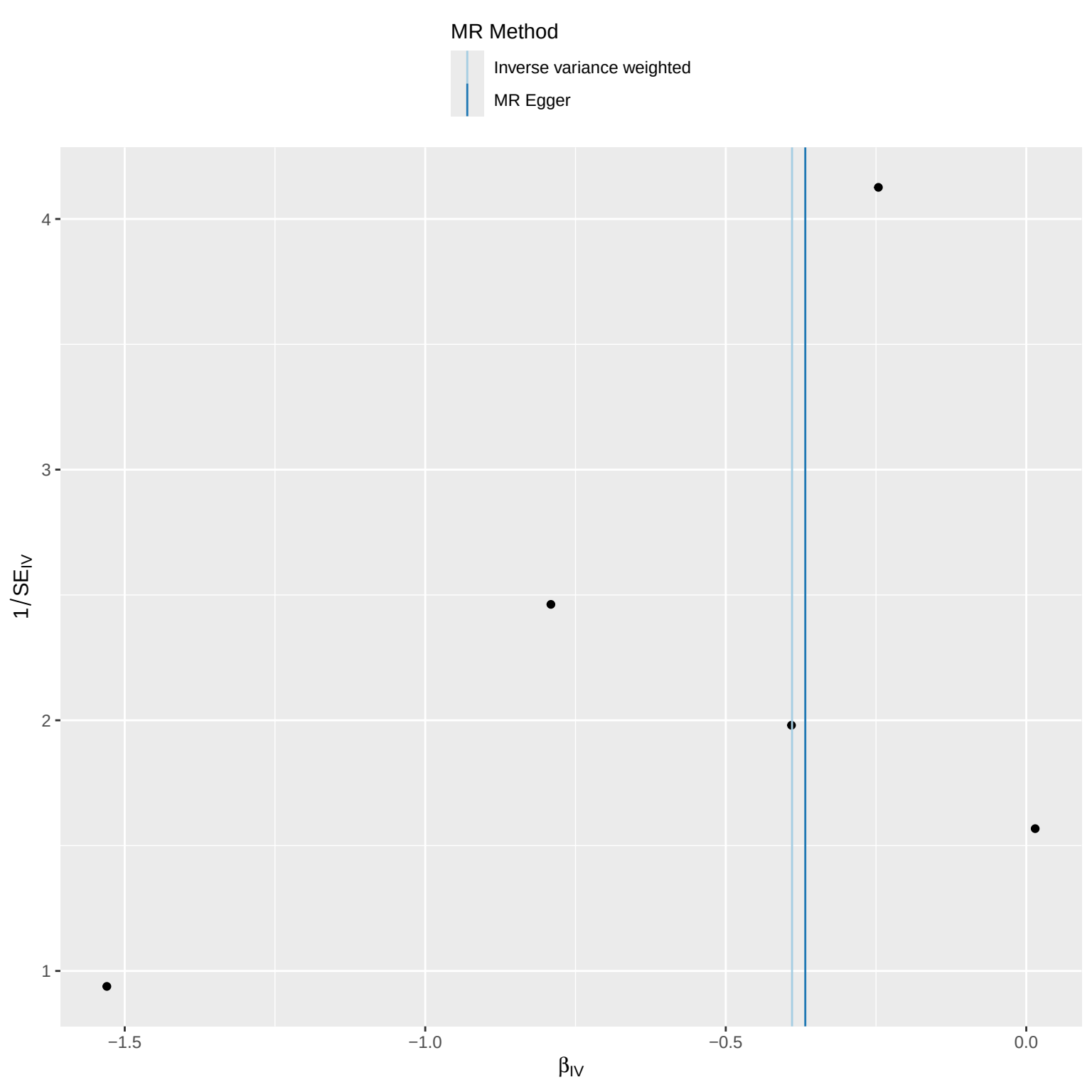

MR Method
Inverse variance weighted
MR Egger
4.0
3.5
3.0
2.5
2.0
1/SE_IV
0.0
0.5
1.0
β_IV

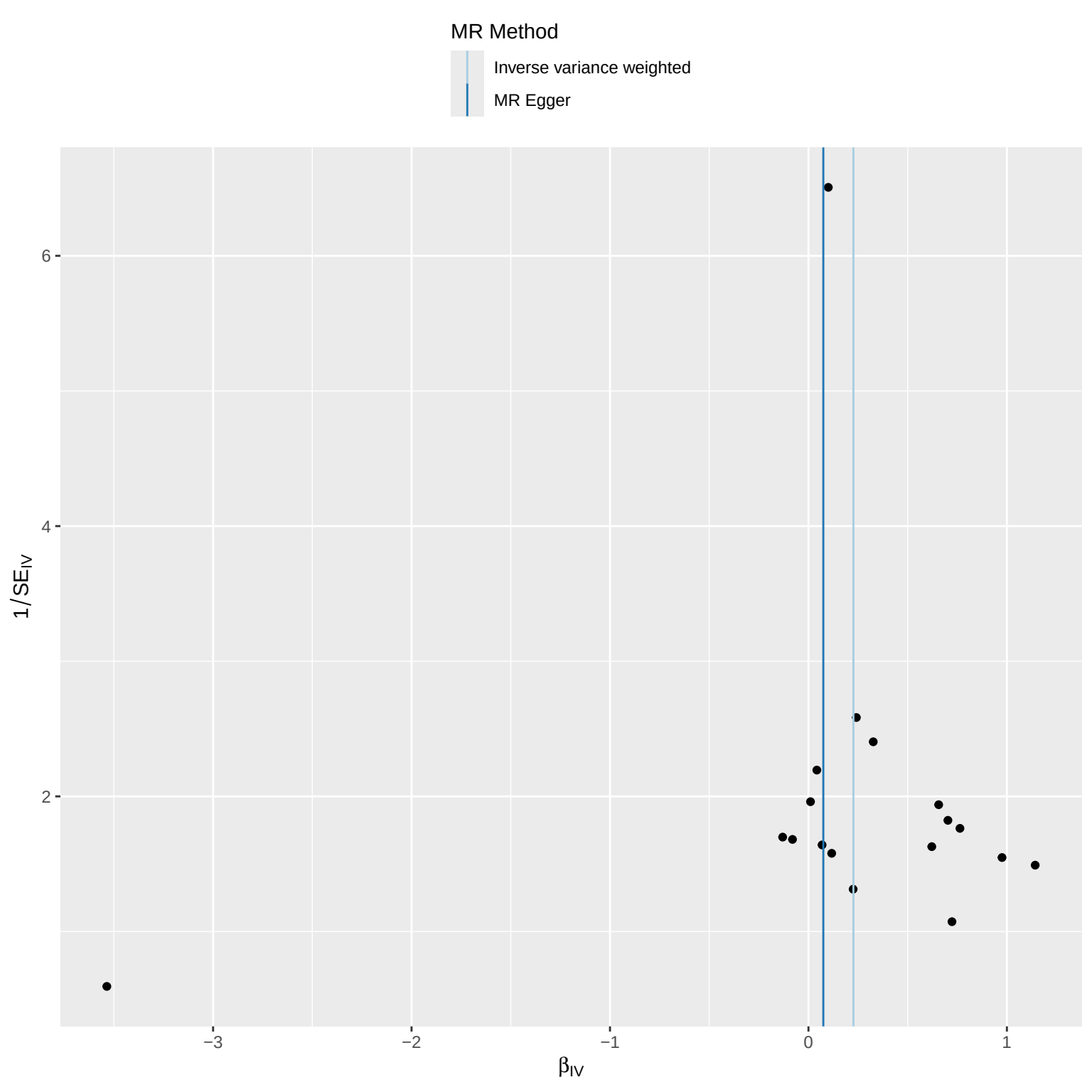

MR Method
Inverse variance weighted
MR Egger
3.5
3.0
2.5
2.0
1.5
1/SE_IV
−0.5
0.0
β_IV

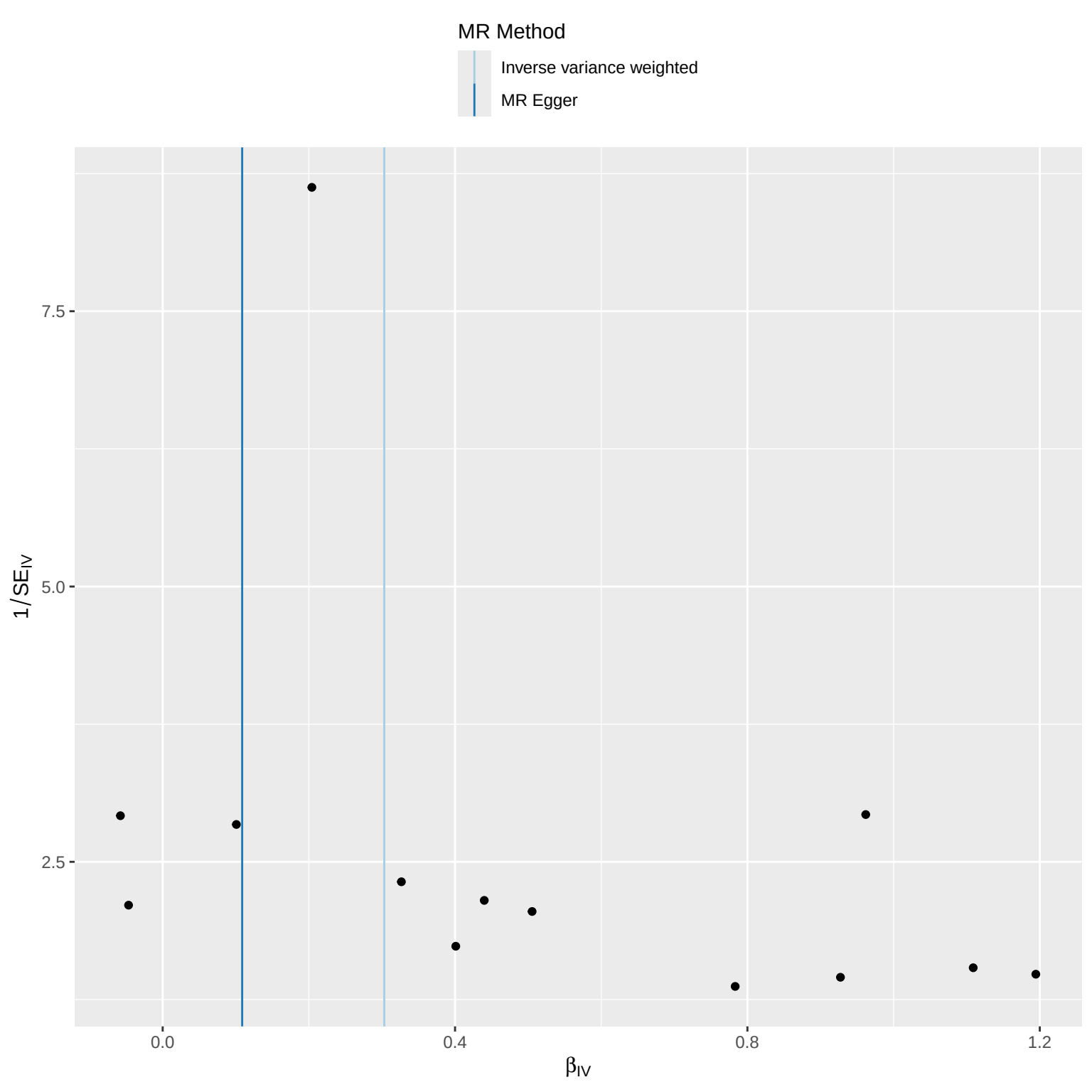

MR Method
Inverse variance weighted
MR Egger
2.5
2.0
1.5
1/SE_IV
−1.0
−0.5
0.0
0.5
β_IV

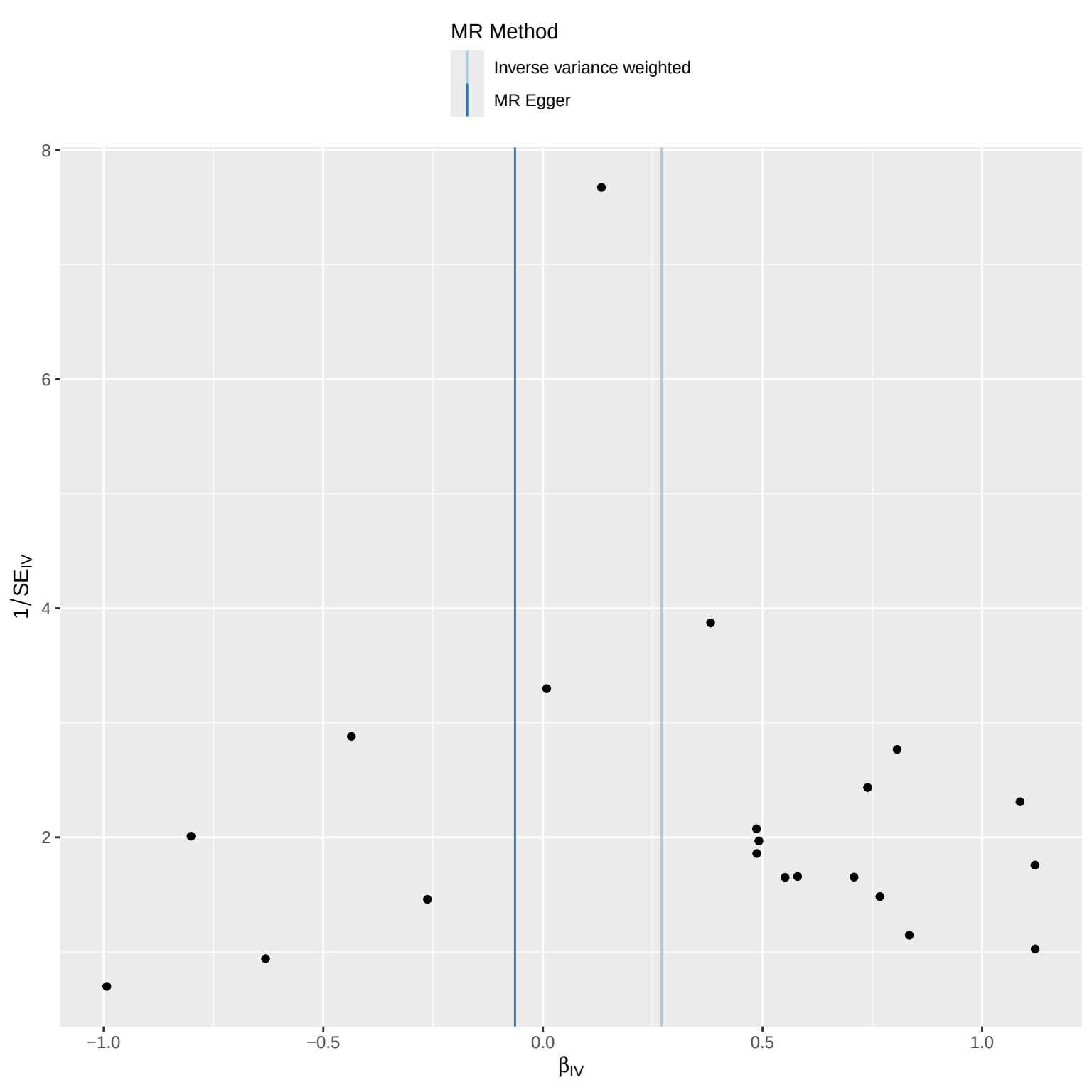

MR Method
Inverse variance weighted
MR Egger
3.6
3.2
2.8
2.4
1/SE_IV
0.2
0.4
0.6
0.8
β_IV

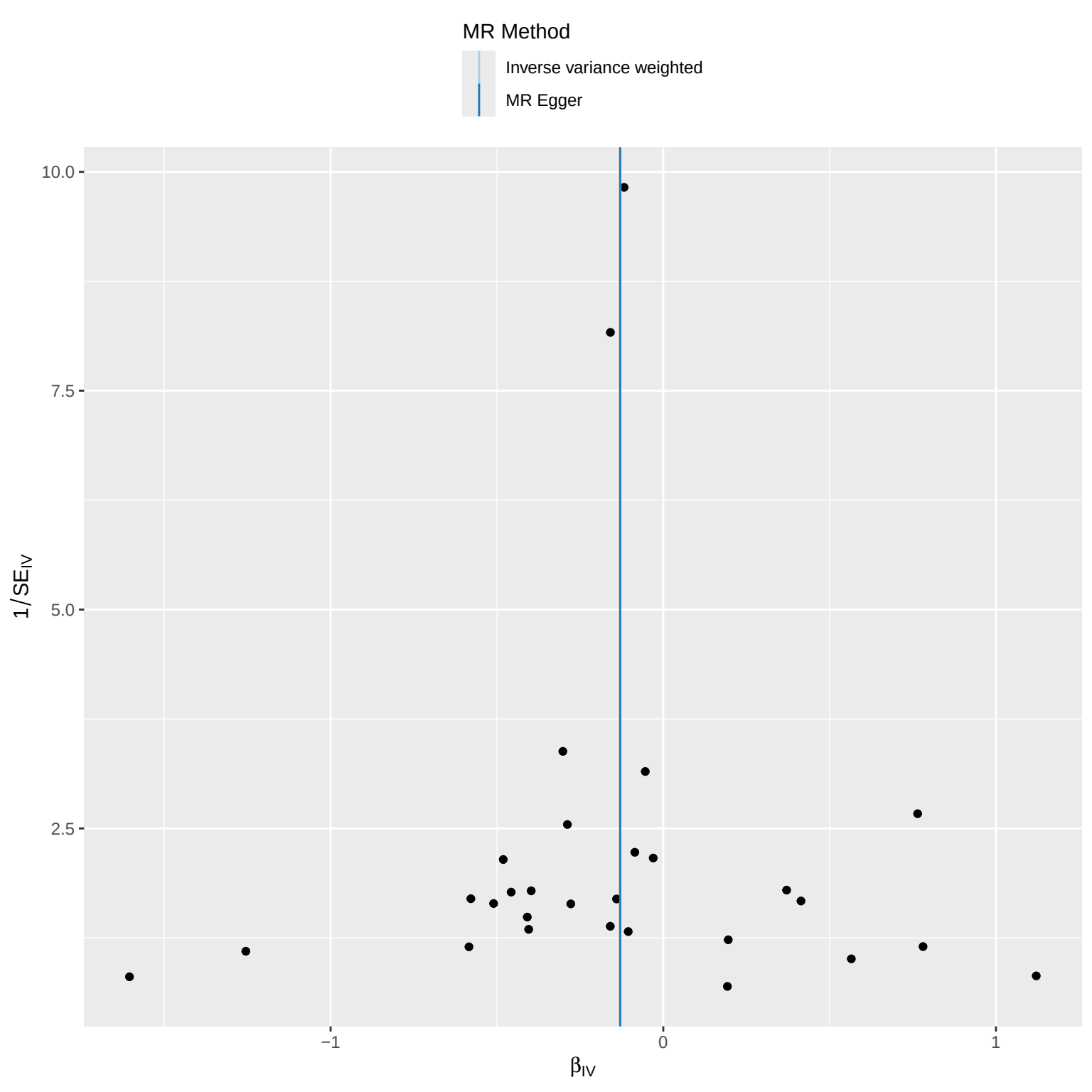

MR Method
Inverse variance weighted
MR Egger
1.8
1.5
1.2
0.9
0.6
1/SE_IV
−1
0
1
2
β_IV

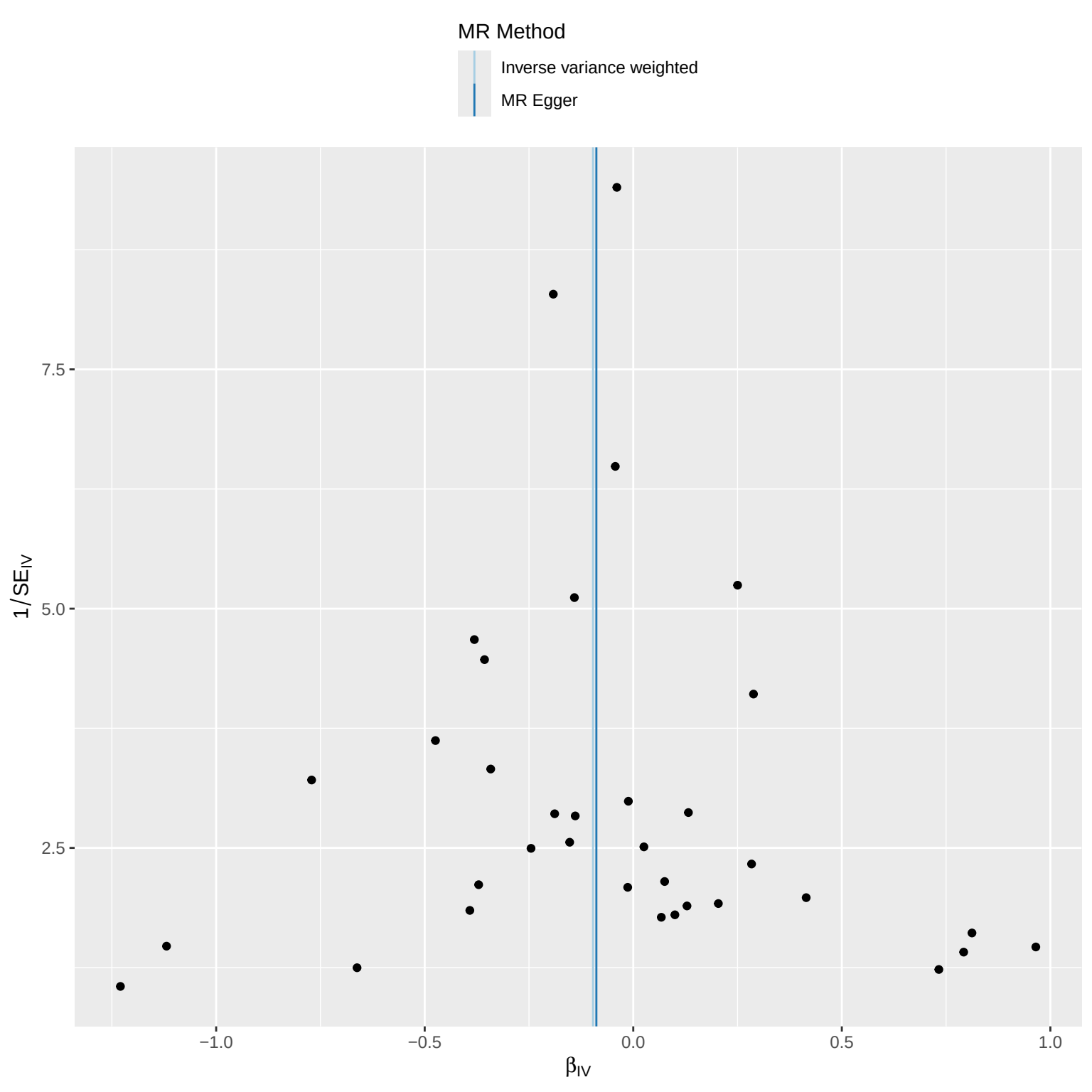

MR Method
Inverse variance weighted
MR Egger
4
3
2
1
1/SE_IV
−1.5
−1.0
−0.5
0.0
β_IV


MR Method
Inverse variance weighted
MR Egger
6
4
2
1/SE_IV
−3
−2
−1
0
1
β_IV


MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
0.0
0.4
0.8
1.2
β_IV


MR Method
Inverse variance weighted
MR Egger
8
6
4
2
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV


MR Method
Inverse variance weighted
MR Egger
10.0
7.5
5.0
2.5
1/SE_IV
−1
0
1
β_IV


MR Method
Inverse variance weighted
MR Egger
7.5
5.0
2.5
1/SE_IV
−1.0
−0.5
0.0
0.5
1.0
β_IV