

Figure S1 Hs-CRP and Frailty sensitivity analysis

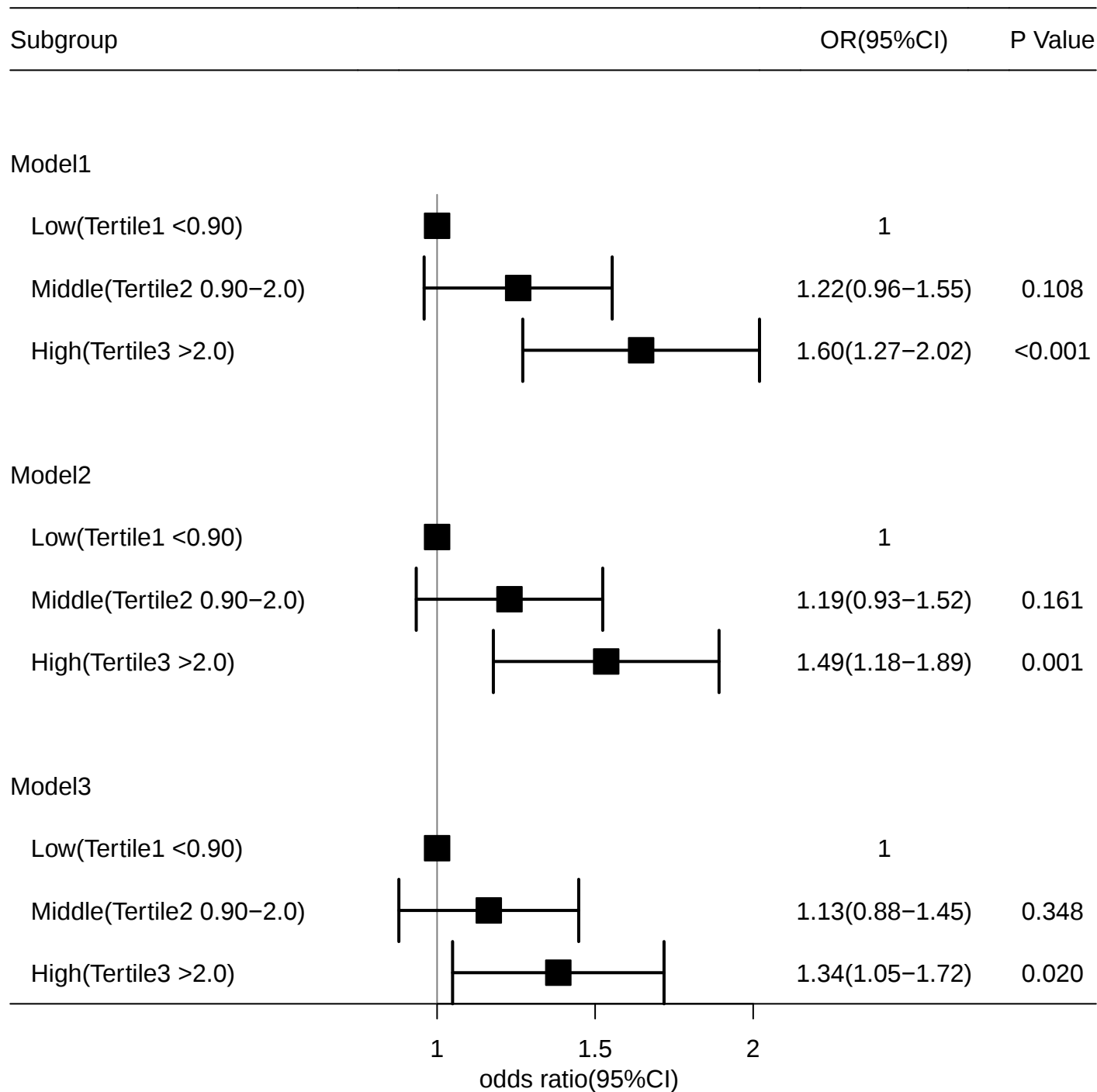


Figure S2 Hs-CRP and Frailty subgroup analysis

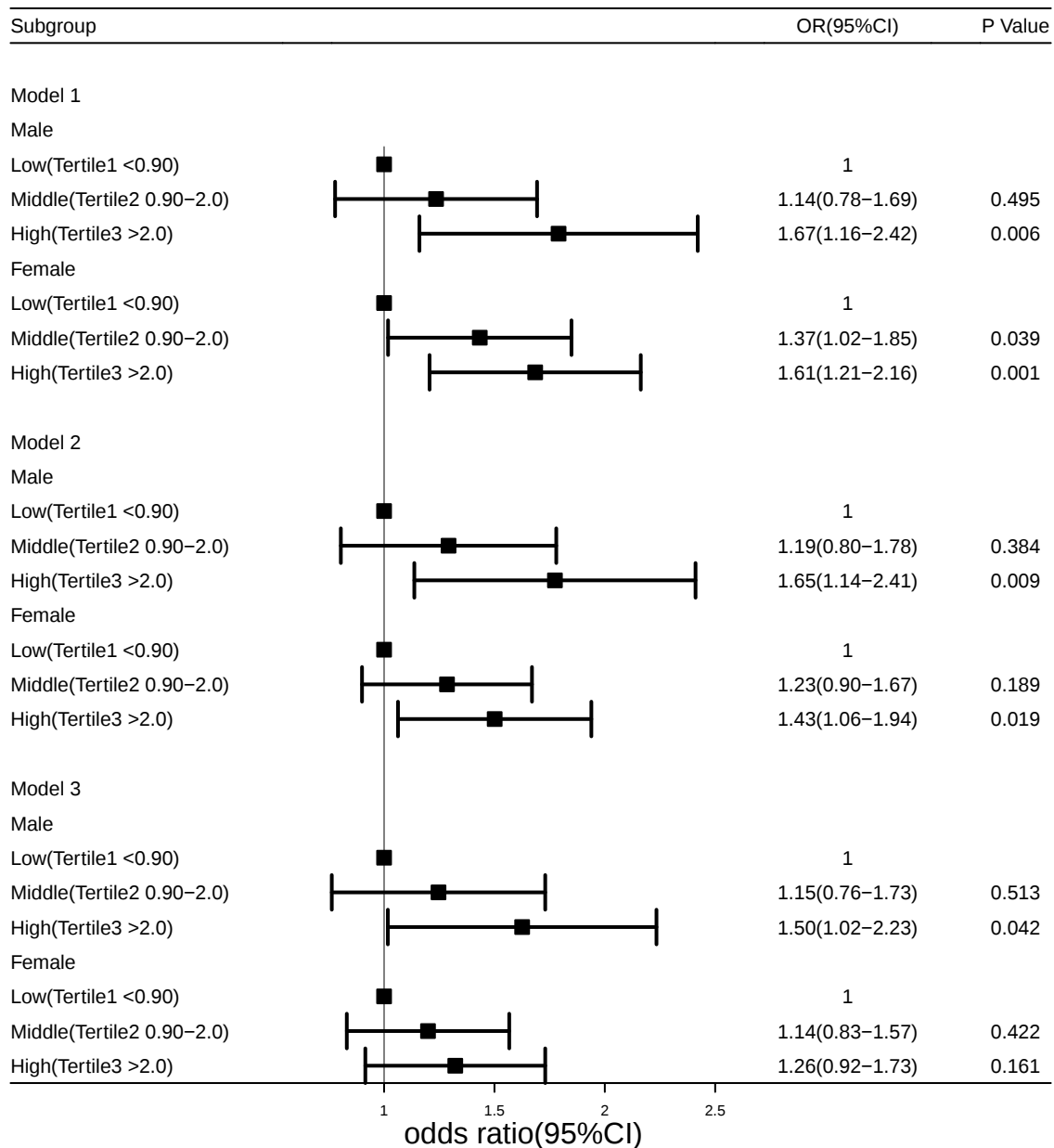


Figure S3

MR Test

Inverse variance weighted
MR Egger
Simple mode

Weighted median
Weighted mode

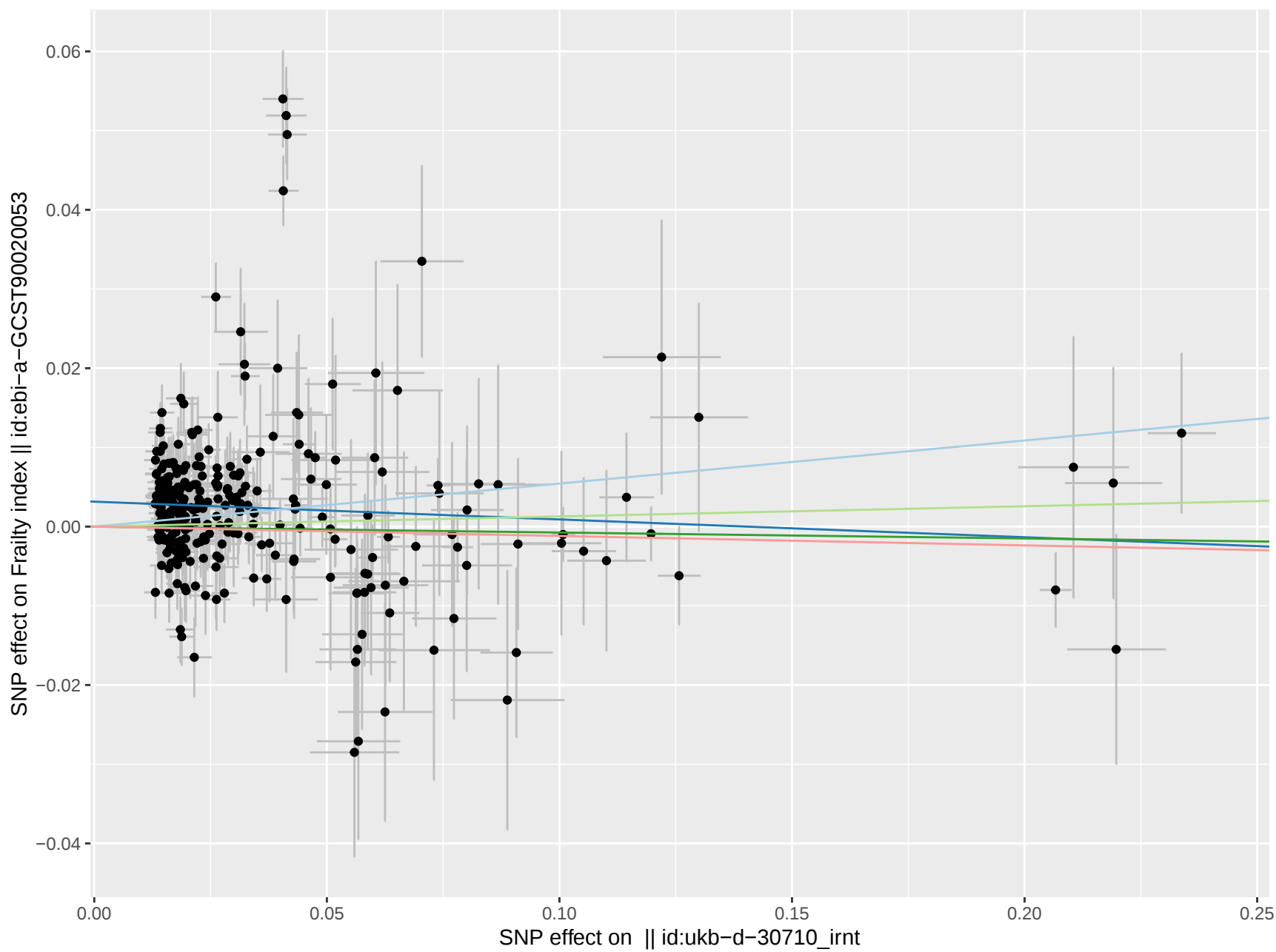
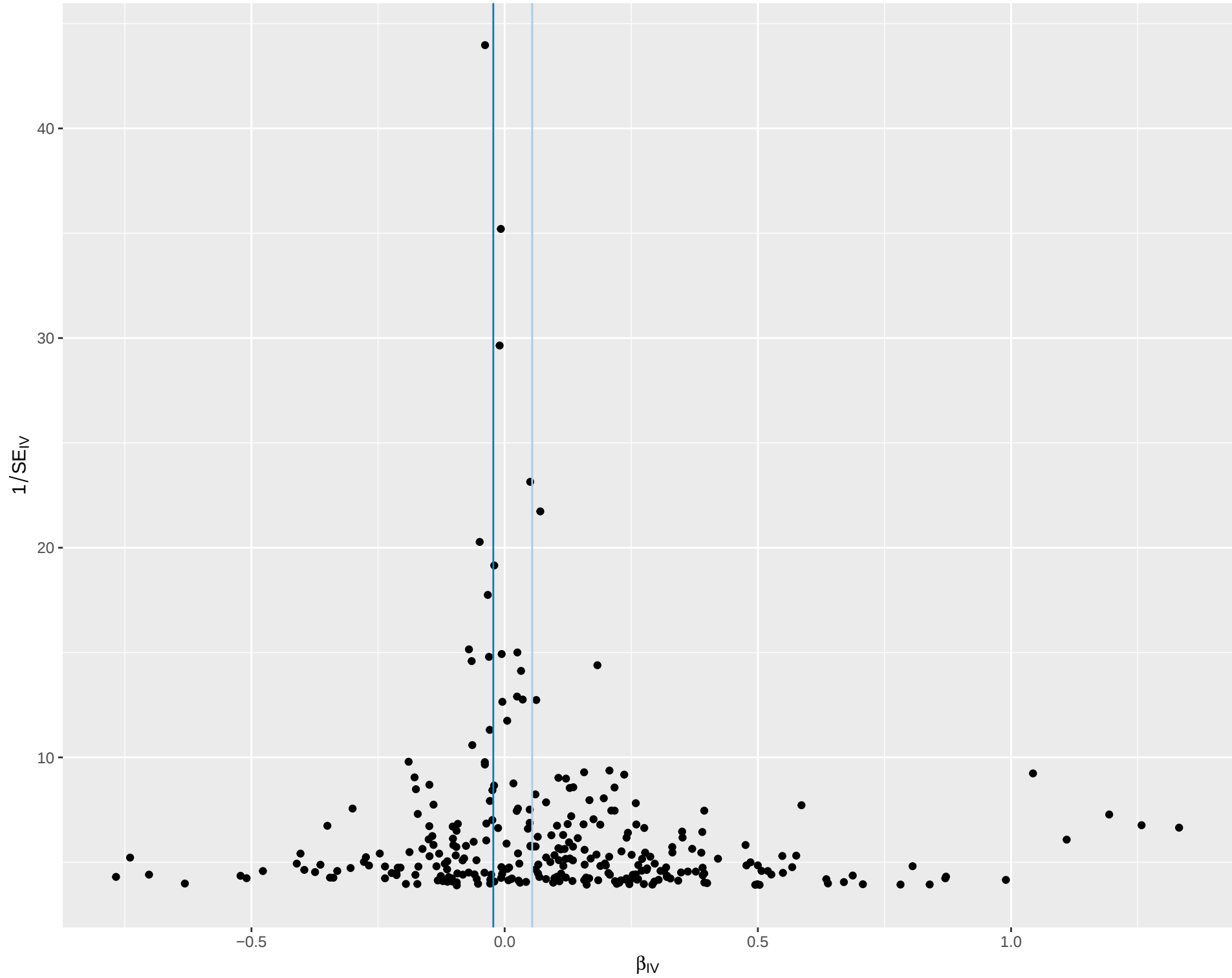


Figure S4

MR Method

- Inverse variance weighted
- MR Egger



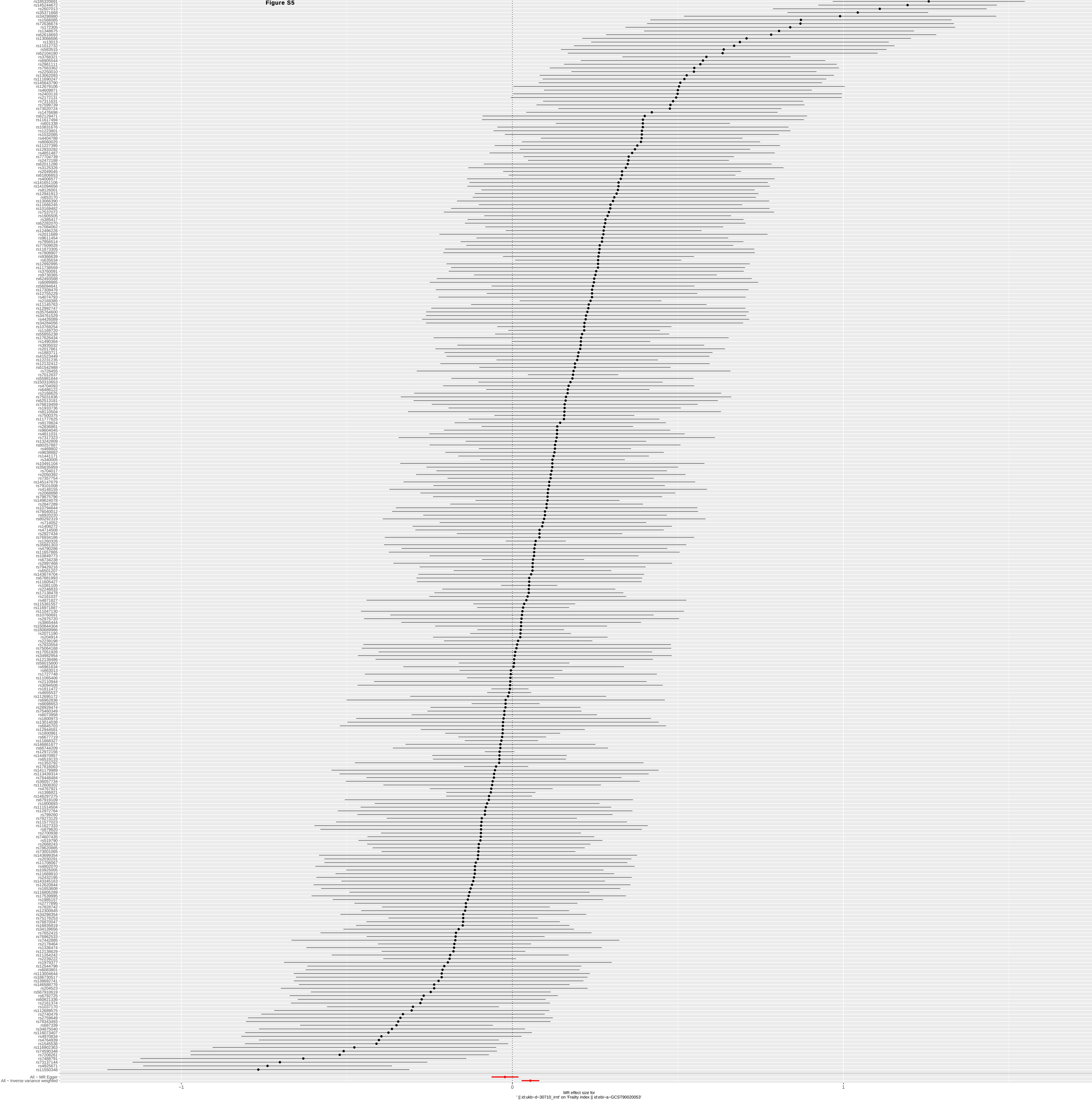


Table S1. Questionnaire Items of Frailty Index

Definition	Coding of variables
Self-reported diagnosis of hypertension by a doctor, self-reported use of antihypertension drugs, systolic blood pressure measured to be ≥ 140 mmHg, or Diastolic blood pressure measured to be ≥ 90 mmHg	Yes=1.00; no=0.00
Self-reported diagnosis of dyslipidemia by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of chronic lung diseases by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of liver diseases by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of heart attack, coronary heart disease, angina, congestive heart failure, or other heart problems by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of stroke by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of stomach or other digestive diseases by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of emotional, nervous, or psychiatric problems by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of asthma by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of memory-related disease by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of diabetes	Yes=1.00; no=0.00
Self-reported diagnosis of cancer by a doctor	Yes=1.00; no=0.00
Self-reported diagnosis of chronic kidney disease by a doctor	Yes=1.00; no=0.00
Cognitive impairments (MMSE)	<10,1.00; 11-17,0.75; 18-20,0.50; 21-24,0.25; $\geq$ 25,0.00
Depressive symptoms (the CES-Dscale)	$\geq$ 12,1.00; otherwise,0.00
Do you have any difficulty with running or jogging about 1Km?	Yes, I have difficulty and need help, or I can not do it,1.00; otherwise,0.00
Do you have difficulty with walking 1 km?	Yes, I have difficulty and need help, or I can not do it,1.00; otherwise,0.00
Do you have difficulty with walking 100 metres?	Yes, I have difficulty and need help, or I can not do it,1.00; otherwise,0.00
Do you have difficulty with getting up from a chair. After sitting for along period?	Yes, I have difficulty and need help, or I can not do it,1.00; otherwise,0.00

Do you have difficulty with climbing several flights of stairs without resting?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Do you have difficulty with stooping, kneeling, or crouching?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Do you have difficulty with reaching or extending your arms above shoulder level?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Do you have difficulty with lifting or carrying weights over10jin?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Do you have difficulty with picking up a small coin from a table?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Because of health and memory problems, do you have any difficulty with dressing?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Do you have any difficulty with bathing or showering?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Do you have any difficulty with eating, such as cutting up your food?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Do you have any difficulty with getting into or out of bed?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Do you have any difficulties with using the toilet, including getting up and down?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00
Do you have any difficulties with controlling urination and defecation?	Yes, I have difficulty and need help, or I cannot do it,1.00; otherwise,0.00

Do you have any difficulties with doing household chores?	Yes, I have difficulty and need help, or I can not do it,1.00; otherwise,0.00
Do you have any difficulties with preparing hot meals?	Yes, I have difficulty and need help, or I can not do it,1.00; otherwise,0.00
Do you have any difficulties with shopping for groceries?	Yes, I have difficulty and need help, or I can not do it,1.00; otherwise,0.00
Do you have any difficulties with managing your money	Yes, I have difficulty and need help, or I can not do it,1.00; otherwise,0.00
Do you have any difficulties with taking medications?	Yes, I have difficulty and need help, or I can not do it,1.00; otherwise,0.00
Do you have one of physical or brain damage/intellectual disabilities?	Yes=1.00;no=0.00
Is your hearing very good, good, fair, poor, or very poor?	Very poor,1.00; poor,0.75; fair,0.5;good,0.25; very good,0
How good is your eyesight for seeing things at a distance?	Very poor,1.00; poor,0.75; fair,0.5; good,0.25; very good,0
How good is your eyesight for seeing things up close?	Very poor,1.00; poor,0.75; fair,0.5; good,0.25; very good,0
Would you say your health is very good, good, fair, poor or very poor?	Very poor,1.00; poor,0.75; fair,0.5; good,0.25; very good,0
Think about your life-as-a-whole. How sat is fie dare you with it?	Very poor,1.00; poor,0.75; fair,0.5; good,0.25; very good,0

Table S2 297 SNPs as instrumental variable for Mendelian randomization analysis

SNP	effect_allele	other_allele	beta	eaf	se	pval	chr	pos
rs10169482	T	G	-0.013864	0.3914	0.0024528	1.58E-08	2	61486628
rs10203386	A	T	0.019282	0.45313	0.0024021	1.00E-15	2	25136866
rs1037170	T	C	0.027968	0.72235	0.0026789	1.64E-25	17	72702914
rs10491104	T	C	0.014088	0.52986	0.0023929	3.92E-09	17	15884561
rs10760691	G	A	0.017264	0.38253	0.00253	8.90E-12	9	102281383
rs10769254	C	G	-0.031326	0.19014	0.0030679	1.79E-24	11	47362465
rs10794644	C	G	-0.015502	0.68467	0.0025773	1.80E-09	1	24470902
rs10810455	G	C	-0.015096	0.44184	0.0024091	3.70E-10	9	15866156
rs1081105	C	A	-0.23375	0.027885	0.0072539	1.00E-200	19	45412955
rs10831676	C	A	-0.014719	0.46147	0.0023982	8.39E-10	11	11820449
rs10849773	G	A	-0.082635	0.015217	0.0098109	3.69E-17	12	121080103
rs10925005	A	C	-0.017659	0.66656	0.0025326	3.11E-12	1	247549115
rs11012732	G	A	0.014182	0.33064	0.0025445	2.49E-08	10	21830104
rs11047130	T	C	0.016489	0.21211	0.0029285	1.80E-08	12	24006668
rs11065406	T	C	0.050762	0.48846	0.0024876	1.67E-92	12	121490520
rs11145763	C	A	0.018209	0.43307	0.0024099	4.16E-14	9	139263596
rs111514504	T	C	-0.027474	0.11281	0.0038159	6.04E-13	11	54796787
rs111690247	T	C	0.026559	0.090242	0.0041664	1.84E-10	12	121885201
rs11227395	C	A	0.017753	0.23888	0.0028148	2.85E-10	11	65829637
rs112608302	A	G	0.080065	0.016685	0.0095728	6.10E-17	1	159582699
rs11264242	A	C	-0.018092	0.47881	0.0024157	6.95E-14	1	154663374
rs112689575	A	G	0.056201	0.020619	0.0086331	7.53E-11	1	159550965
rs112695172	A	G	0.076913	0.020971	0.0083608	3.62E-20	1	66163183
rs113004644	T	C	0.020613	0.15107	0.0034145	1.57E-09	12	120372754

rs113439314	C	T	0.023535	0.10093	0.00398	3.36E-09	19	11043158
rs115381557	T	C	0.21051	0.010334	0.011811	5.04E-71	1	159725183
rs11550348	A	G	-0.0215	0.12372	0.0036269	3.07E-09	19	46387344
rs11577023	C	T	-0.016074	0.30967	0.0025978	6.12E-10	1	222061973
rs11605427	C	G	-0.019648	0.40168	0.0024406	8.26E-16	11	59928672
rs116073407	A	G	0.062504	0.014694	0.010079	5.59E-10	1	159650531
rs11617494	A	G	0.015725	0.24059	0.0028114	2.23E-08	13	110383798
rs11627333	A	C	0.014802	0.26551	0.0027092	4.67E-08	14	73213835
rs11657865	C	A	0.015186	0.61022	0.0024787	8.98E-10	17	76387274
rs11666245	A	G	-0.038461	0.046688	0.0056591	1.07E-11	19	38229926
rs11668327	C	G	0.078096	0.17562	0.0031761	2.20E-133	19	45398633
rs11669810	G	T	-0.015844	0.63156	0.0024857	1.84E-10	19	46871132
rs116805289	C	A	0.059501	0.023081	0.0079531	7.37E-14	1	154510155
rs116902363	A	G	-0.056769	0.020241	0.0088566	1.46E-10	19	45246759
rs116971887	T	G	-0.11442	0.045343	0.0058138	3.50E-86	16	51170026
rs1169720	T	C	-0.029968	0.32447	0.0025507	7.25E-32	12	121641034
rs11708067	G	A	0.016296	0.24557	0.002777	4.41E-09	3	123065778
rs11738559	T	C	0.018559	0.18914	0.0030661	1.42E-09	5	150476129
rs11777625	C	T	0.022466	0.54572	0.0024017	8.48E-21	8	126333642
rs11873305	C	A	-0.035693	0.039067	0.0061956	8.36E-09	18	58049192
rs12132412	G	A	0.016397	0.38815	0.0024735	3.38E-11	1	21820042
rs12138486	T	C	0.01873	0.78161	0.0028937	9.64E-11	1	93865391
rs12138629	A	G	-0.037087	0.22388	0.0029723	1.01E-35	1	66542345
rs12231235	A	G	-0.026563	0.42655	0.0024198	4.96E-28	12	95857690
rs1223801	A	G	-0.01968	0.83655	0.0032297	1.11E-09	1	214348141
rs12300845	T	G	-0.058096	0.032763	0.0067051	4.55E-18	12	24195798

rs12496226	T	G	0.023218	0.32056	0.0025639	1.37E-19	3	49734040
rs12544798	G	C	0.018957	0.22285	0.0028929	5.65E-11	8	10029599
rs1260326	C	T	-0.073894	0.60695	0.002441	1.00E-200	2	27730940
rs12620844	C	T	0.013933	0.43086	0.0024364	1.08E-08	2	232324510
rs12679106	T	G	-0.014503	0.71068	0.0026478	4.32E-08	8	73443198
rs12755229	G	T	0.020358	0.5328	0.0024	2.21E-17	1	65814233
rs12933292	G	C	-0.019173	0.40973	0.0024365	3.58E-15	16	69566309
rs12941913	T	C	0.015568	0.60759	0.0024507	2.12E-10	17	1346417
rs12944581	C	G	0.030897	0.72956	0.0028021	2.89E-28	17	76348830
rs12972156	G	C	-0.20667	0.14884	0.0033609	1.00E-200	19	45387459
rs12972784	T	C	0.01454	0.52716	0.00239	1.18E-09	19	44704542
rs12992747	C	A	-0.016125	0.77238	0.0028569	1.66E-08	2	178190491
rs12992995	A	C	-0.015843	0.27555	0.002681	3.44E-09	2	175197545
rs13013	A	C	0.01484	0.58384	0.0024234	9.15E-10	10	75562161
rs13014038	C	A	0.014182	0.36371	0.0024953	1.32E-08	2	57347944
rs13062093	G	T	0.015002	0.36575	0.002479	1.44E-09	3	35667057
rs13066390	T	C	0.014145	0.39161	0.0024519	7.98E-09	3	137090331
rs13066686	A	C	-0.01343	0.40805	0.0024392	3.68E-08	3	94075026
rs13242809	A	T	-0.026623	0.2736	0.0026899	4.31E-23	7	22746564
rs1336474	G	A	-0.017589	0.22004	0.0028955	1.24E-09	1	65691249
rs1348675	A	G	0.019242	0.23265	0.002873	2.12E-11	13	58712638
rs1353792	C	A	0.017549	0.2393	0.0028062	4.02E-10	12	24180307
rs1386821	G	T	-0.059833	0.20506	0.0029523	2.87E-91	1	154382049
rs138692741	T	C	-0.041249	0.035547	0.0066376	5.16E-10	19	45467132
rs1408272	G	T	0.031054	0.079856	0.0044063	1.82E-12	6	25842951
rs141094656	C	T	0.060537	0.014992	0.01028	3.89E-09	1	92753336

rs141179989	T	C	-0.05519	0.017022	0.0099727	3.13E-08	16	51067084
rs141651106	A	G	0.043971	0.029168	0.0072422	1.27E-09	16	51223317
rs143345163	C	A	0.062578	0.018434	0.0091187	6.77E-12	12	121453258
rs143674704	G	A	-0.074184	0.017955	0.0093817	2.64E-15	19	45458466
rs143699354	T	C	-0.066561	0.011354	0.011909	2.29E-08	1	66297805
rs1441171	T	G	-0.022503	0.52374	0.0023924	5.17E-21	2	214033637
rs144970957	C	T	-0.11011	0.021749	0.0083638	1.42E-39	1	159514964
rs145147679	A	G	0.061912	0.017049	0.0099871	5.68E-10	1	159787423
rs145244672	G	T	0.041466	0.12306	0.0040374	9.65E-25	6	32556461
rs145643790	C	T	-0.039427	0.040308	0.0062563	2.94E-10	2	27231983
rs146297275	C	G	0.2197	0.013449	0.010531	1.35E-96	1	159703857
rs146588776	C	G	-0.057568	0.020708	0.0085552	1.71E-11	1	154050245
rs146861677	A	C	0.069128	0.029399	0.0073395	4.60E-21	12	120993415
rs1476698	G	A	0.017568	0.36912	0.0024754	1.28E-12	2	242296449
rs1490384	T	C	-0.030927	0.4982	0.00239	2.73E-38	6	126851160
rs149624078	T	C	-0.12997	0.013969	0.01045	1.69E-35	15	53728710
rs150310653	C	G	0.12197	0.0095401	0.012594	3.53E-22	1	159720783
rs150844304	C	A	0.080146	0.024558	0.0077278	3.38E-25	15	43726625
rs1532085	G	A	-0.016115	0.61333	0.0024532	5.07E-11	15	58683366
rs1545536	T	C	-0.019732	0.21981	0.0028854	8.01E-12	8	144643169
rs1566085	T	G	-0.014228	0.54584	0.0024174	3.97E-09	8	142624527
rs1653608	A	G	-0.050784	0.020332	0.0084751	2.07E-09	12	121706733
rs16835819	C	T	-0.077323	0.018318	0.0089868	7.73E-18	1	154108501
rs17051926	T	C	-0.034171	0.055297	0.0052258	6.21E-11	5	156735380
rs17138478	A	C	0.034379	0.12887	0.0035674	5.62E-22	17	36073320
rs172305	A	G	-0.014179	0.31307	0.0025805	3.91E-08	5	107316915

rs1727748	T	C	-0.020461	0.84225	0.0033108	6.41E-10	19	45048323
rs17308476	T	C	0.022016	0.11129	0.0038034	7.11E-09	2	174868755
rs17539995	A	G	0.018173	0.17823	0.003168	9.68E-09	9	92241847
rs17616063	G	A	-0.12572	0.076034	0.0045028	2.33E-171	16	51436882
rs17626434	G	C	-0.01541	0.3324	0.0025424	1.35E-09	2	114041976
rs1800693	C	T	-0.019651	0.40142	0.0024353	7.10E-16	12	6440009
rs1800961	T	C	-0.1052	0.03141	0.0068458	2.86E-53	20	43042364
rs1800973	A	C	0.02996	0.061166	0.0049843	1.85E-09	12	69744014
rs180689986	A	G	0.21908	0.01442	0.010372	5.69E-99	1	159701152
rs1811472	C	G	-0.1197	0.4044	0.0024545	1.00E-200	1	159642349
rs185320691	C	G	0.041267	0.1066	0.0042849	5.96E-22	6	32490292
rs186730517	A	G	0.073025	0.01256	0.011872	7.72E-10	12	121682161
rs1883711	C	G	0.046048	0.031063	0.0070171	5.31E-11	20	39179822
rs1905505	A	G	0.01947	0.28358	0.0026507	2.06E-13	3	170695426
rs1933736	C	T	0.019016	0.40065	0.0024385	6.28E-15	6	116387255
rs1979377	C	A	0.02616	0.069349	0.0047676	4.09E-08	19	45259002
rs1985157	C	T	0.016339	0.41293	0.0024272	1.68E-11	19	18513594
rs2011689	G	A	-0.013459	0.6106	0.0024522	4.06E-08	8	64341554
rs2017861	A	G	0.016593	0.27843	0.0026794	5.92E-10	11	61481928
rs2030291	T	A	-0.014378	0.38781	0.002454	4.66E-09	11	16251251
rs204523	T	A	-0.017778	0.80993	0.003062	6.40E-09	19	44958980
rs2049045	C	G	-0.022944	0.18684	0.0030643	7.03E-14	11	27694241
rs204914	T	C	0.05883	0.046788	0.0056675	3.07E-25	19	45466335
rs2050392	A	G	-0.016394	0.61192	0.0024845	4.16E-11	10	30691503
rs2068888	A	G	-0.016819	0.44895	0.0023997	2.41E-12	10	94839642
rs2071190	A	T	0.049028	0.25461	0.0027473	3.33E-71	12	121431272

rs2110944	C	T	0.015728	0.53073	0.0024027	5.91E-11	2	37090233
rs2161037	A	G	0.021768	0.54527	0.0024193	2.32E-19	2	169893419
rs2161374	T	C	-0.016553	0.48653	0.0023894	4.28E-12	5	172176886
rs2166625	C	G	-0.014387	0.37187	0.0024714	5.84E-09	13	42584871
rs2169385	A	G	0.044052	0.86354	0.0034863	1.37E-36	8	9206678
rs2172131	C	T	-0.013338	0.58031	0.002422	3.66E-08	10	133978962
rs2178464	C	T	-0.090746	0.02492	0.0076942	4.25E-32	12	121441440
rs2239198	C	T	0.028902	0.50869	0.0023971	1.81E-33	12	120796408
rs2239222	G	A	0.034274	0.34858	0.0025222	4.78E-42	14	73011885
rs2246833	T	C	0.026285	0.34047	0.0025178	1.65E-25	10	91005854
rs2250010	T	C	0.02225	0.81022	0.0030446	2.72E-13	12	47193818
rs2403116	G	A	0.013427	0.57706	0.0024268	3.15E-08	12	84110605
rs2432195	T	C	0.01812	0.82669	0.0031588	9.68E-09	5	56120413
rs2472188	G	C	0.021972	0.60303	0.0024427	2.37E-19	2	113820814
rs2607013	T	C	0.026131	0.18151	0.0031193	5.44E-17	6	31820400
rs2668243	C	T	0.058186	0.969365	0.0072753	1.27E-15	12	121755276
rs2700938	C	T	0.022097	0.37635	0.0024707	3.78E-19	7	36085142
rs2740479	A	G	0.016034	0.67839	0.0025666	4.19E-10	9	107563437
rs2759649	T	A	0.014485	0.39214	0.0024502	3.39E-09	1	198779991
rs2777895	G	A	0.019221	0.55108	0.0023977	1.09E-15	17	57879610
rs2836881	T	G	-0.03173	0.26662	0.0027048	8.98E-32	21	40466299
rs2847289	C	A	0.022248	0.57246	0.0024163	3.36E-20	18	12812167
rs28601761	G	C	-0.022717	0.41938	0.0024499	1.83E-20	8	126500031
rs28929474	T	C	-0.10043	0.020304	0.0084753	2.19E-32	14	94844947
rs2927434	C	T	0.032998	0.80409	0.0030156	7.31E-28	19	45236729
rs2961111	T	C	0.020958	0.16488	0.0032238	7.98E-11	8	103506057

rs2965156	C	G	0.021754	0.51578	0.0023887	8.50E-20	19	45188429
rs2975720	G	A	0.02184	0.10961	0.0038308	1.19E-08	8	10097511
rs2997468	C	G	-0.016307	0.36044	0.002524	1.04E-10	10	81073763
rs3094508	C	T	-0.014463	0.41002	0.0024454	3.33E-09	17	36062935
rs3125326	C	A	0.014007	0.60889	0.0024712	1.45E-08	10	63053788
rs340005	A	G	0.030559	0.62058	0.0024597	1.97E-35	15	60878030
rs34139656	G	A	0.019717	0.3277	0.0025614	1.39E-14	16	88534923
rs34284056	A	C	-0.015149	0.27697	0.002677	1.52E-08	18	60203855
rs34298354	T	C	-0.026962	0.12167	0.0036678	1.97E-13	1	247588053
rs34298980	C	T	-0.014548	0.50726	0.0025196	7.75E-09	6	40409243
rs34761529	T	C	-0.016628	0.20477	0.0029717	2.20E-08	1	22681214
rs34875040	G	A	0.023914	0.13194	0.0035309	1.27E-11	1	66265834
rs34982954	C	T	-0.013657	0.47492	0.0023918	1.13E-08	16	79040870
rs35371668	T	C	0.04064	0.18084	0.003156	6.19E-38	6	32561638
rs35635959	C	T	0.019093	0.28661	0.0026424	5.00E-13	17	40772288
rs35764600	C	G	-0.013689	0.39802	0.0024702	2.99E-08	12	11791628
rs35881303	G	A	-0.014609	0.57907	0.0024236	1.67E-09	6	33461779
rs36057734	C	T	0.016796	0.26862	0.0027093	5.67E-10	17	68394967
rs3760091	G	C	-0.015405	0.39472	0.0025463	1.45E-09	16	28620800
rs3768321	T	G	0.032417	0.1967	0.0030107	4.96E-27	1	40035928
rs385417	C	A	-0.015998	0.61683	0.0024624	8.21E-11	7	101864836
rs3865444	A	C	-0.018972	0.32555	0.0025487	9.81E-14	19	51727962
rs3935032	T	C	-0.018415	0.37726	0.0025052	1.98E-13	1	1564194
rs4006577	A	G	-0.014357	0.62097	0.0024742	6.54E-09	1	236301301
rs4074793	G	A	0.026618	0.07444	0.0045549	5.11E-09	5	52193125
rs4148155	G	A	-0.021269	0.1144	0.0037506	1.42E-08	4	89054667

rs41523449	A	G	-0.022721	0.16513	0.0033612	1.38E-11	19	35537706
rs4404788	A	G	0.022546	0.67328	0.0025431	7.65E-19	6	130369323
rs4426089	T	C	-0.013101	0.45473	0.0024014	4.89E-08	10	62223112
rs4609871	T	C	0.016003	0.55151	0.0024013	2.66E-11	16	29932064
rs4655537	G	A	-0.10079	0.62857	0.0024741	1.00E-200	1	66058801
rs469802	G	A	-0.03502	0.20398	0.0029884	1.04E-31	1	91545826
rs4704093	G	T	0.017069	0.46801	0.0024048	1.27E-12	5	72976175
rs4714508	G	A	0.018294	0.34491	0.0025282	4.63E-13	6	41671677
rs4764939	T	C	-0.017859	0.46947	0.0023971	9.33E-14	12	103522952
rs4767921	G	A	-0.035994	0.63119	0.0024852	1.60E-47	12	121069201
rs4790286	A	T	-0.019557	0.21875	0.0028894	1.30E-11	17	1652483
rs4802070	G	A	-0.015051	0.73535	0.0027103	2.81E-08	19	40726336
rs4811031	G	A	0.017805	0.34691	0.0025114	1.35E-12	20	48956954
rs4851487	T	C	0.015483	0.39709	0.0024468	2.49E-10	2	102302978
rs4871827	A	G	0.014209	0.32599	0.0025476	2.44E-08	8	121061879
rs4925671	C	T	0.018792	0.69744	0.0025997	4.90E-13	1	247622874
rs493098	G	C	-0.014931	0.42597	0.0024165	6.46E-10	1	66671953
rs4970834	T	C	0.019464	0.18769	0.003075	2.46E-10	1	109814880
rs519790	G	C	0.018633	0.34157	0.0025172	1.34E-13	11	72504141
rs55855238	C	T	0.026122	0.65051	0.0025055	1.91E-25	18	55089715
rs55981844	C	T	-0.019309	0.29979	0.0026105	1.40E-13	14	96933414
rs56015600	G	A	0.039944	0.6297	0.0024753	1.48E-58	1	247601886
rs56094641	G	A	0.021778	0.40295	0.0024375	4.12E-19	16	53806453
rs567910619	T	C	-0.088795	0.010854	0.012167	2.93E-13	1	65210790
rs583515	T	C	-0.013158	0.48618	0.0023899	3.68E-08	1	10492684
rs601338	A	G	0.024612	0.51058	0.0023984	1.06E-24	19	49206674

rs6073958	C	T	-0.028748	0.19847	0.0029961	8.42E-22	20	44551855
rs60821336	C	T	0.056581	0.02221	0.0081184	3.18E-12	16	51398163
rs6083801	T	C	-0.015637	0.52661	0.0023942	6.53E-11	20	25307574
rs6089985	T	C	-0.015025	0.34133	0.0027087	2.91E-08	20	61377272
rs61542988	T	C	-0.026486	0.24604	0.0027863	1.99E-21	7	22882291
rs61806853	C	T	-0.043505	0.049831	0.0054886	2.26E-15	1	154154587
rs62011286	A	G	-0.015791	0.34198	0.0025189	3.63E-10	15	63791125
rs62104180	A	G	-0.032276	0.050106	0.00548	3.87E-09	2	466003
rs62129471	A	G	0.014007	0.65802	0.0025673	4.87E-08	19	1950864
rs62282070	C	T	-0.026395	0.092123	0.0041429	1.88E-10	3	141888148
rs62493588	A	C	0.021441	0.12542	0.0037266	8.75E-09	8	11774411
rs62513181	G	A	0.028595	0.065321	0.0048212	3.01E-09	8	129126459
rs62618693	T	C	-0.031471	0.045369	0.0057285	3.94E-08	11	32956492
rs635634	T	C	0.032827	0.18392	0.0030985	3.19E-26	9	136155000
rs6486122	T	C	0.028659	0.69114	0.0025831	1.34E-28	11	13361524
rs6501207	C	T	-0.031294	0.73239	0.0027648	1.07E-29	17	76364099
rs6519133	C	T	-0.033229	0.39346	0.0024477	5.73E-42	22	39096602
rs653170	T	C	0.015591	0.35929	0.0024922	3.96E-10	1	112328245
rs66744209	G	A	0.024758	0.21438	0.0029289	2.85E-17	16	51123320
rs6677719	T	C	0.051783	0.6475	0.0025097	1.58E-94	1	159723120
rs6698653	C	T	0.06321	0.47739	0.0023895	4.75E-154	1	65944850
rs6734238	G	A	0.043305	0.40205	0.002433	7.74E-71	2	113841030
rs67581262	G	C	0.013341	0.47982	0.002397	2.61E-08	3	196045555
rs67881993	T	G	-0.043171	0.052781	0.0054046	1.38E-15	12	121565950
rs67919109	T	G	0.023886	0.10749	0.0038575	5.94E-10	1	198147819
rs6792725	G	A	-0.017916	0.69345	0.0026702	1.96E-11	3	24520283

rs6845703	A	G	0.013937	0.66233	0.0025274	3.50E-08	4	45134713
rs687339	T	C	-0.026276	0.77192	0.0028508	3.07E-20	3	135932359
rs6905544	G	A	0.018064	0.59988	0.0024455	1.51E-13	6	98411631
rs6910879	G	A	0.040548	0.092176	0.0043434	1.01E-20	6	32560739
rs6920220	A	G	0.021333	0.22253	0.0028621	9.11E-14	6	138006504
rs6961634	A	G	-0.02708	0.14946	0.0033539	6.82E-16	7	99181839
rs6962836	G	A	0.019583	0.1393	0.0034945	2.10E-08	7	22705474
rs7012637	A	G	0.047506	0.47495	0.0024076	1.29E-86	8	9173209
rs704017	G	A	-0.01859	0.57174	0.0024143	1.36E-14	10	80819132
rs7084062	G	A	0.018021	0.48874	0.0024165	8.85E-14	10	133736636
rs714052	G	A	-0.031432	0.12458	0.0036136	3.38E-18	7	72864869
rs7208261	T	G	0.016105	0.71332	0.0026384	1.04E-09	17	73156068
rs72636674	C	G	0.018618	0.166	0.0032155	7.04E-09	4	67998903
rs728455	T	C	0.014075	0.38575	0.0024715	1.24E-08	2	172034785
rs73001065	C	G	0.042886	0.070962	0.0046672	3.99E-20	19	19460541
rs73020724	C	A	-0.070428	0.01901	0.0088767	2.13E-15	1	159581435
rs7311631	G	A	-0.016481	0.49281	0.002387	5.05E-12	12	90429028
rs73137144	G	A	-0.018512	0.19289	0.0030283	9.80E-10	7	74073590
rs7317323	C	T	0.029144	0.057036	0.0051496	1.52E-08	13	42957489
rs7357754	G	A	0.020787	0.49999	0.0023961	4.14E-18	9	92207308
rs7442885	G	C	-0.016244	0.21007	0.0029423	3.38E-08	5	87682877
rs74590348	G	A	-0.055923	0.016599	0.0095063	4.04E-09	1	153823812
rs74607435	C	T	0.042952	0.051226	0.0054194	2.28E-15	19	45235700
rs7488791	A	G	-0.013143	0.54134	0.0024087	4.87E-08	12	125334068
rs7500375	A	C	-0.032515	0.64286	0.0025103	2.31E-38	16	51194301
rs75031836	A	C	0.051872	0.016859	0.00947	4.32E-08	2	28487135

rs75064168	A	G	0.024337	0.091035	0.0041883	6.22E-09	3	101845939
rs75178253	G	A	0.056511	0.078301	0.0047296	6.72E-33	19	45461007
rs7537072	C	T	-0.01337	0.41631	0.0024304	3.78E-08	1	21434533
rs75460349	C	A	-0.091093	0.023662	0.0079836	3.77E-30	1	27180088
rs7563362	G	A	0.02111	0.85773	0.0034353	8.01E-10	2	620297
rs7599739	T	G	-0.016966	0.34968	0.0025063	1.29E-11	2	27363152
rs76040012	C	T	-0.023351	0.10177	0.0039801	4.44E-09	2	59150981
rs76448484	C	T	0.037691	0.054649	0.005313	1.30E-12	8	9155582
rs7652415	T	C	0.023481	0.12802	0.0035763	5.19E-11	3	9505238
rs76819459	G	A	0.017095	0.32698	0.0025485	1.98E-11	16	79718917
rs76870047	G	A	0.056447	0.043857	0.006043	9.60E-21	1	65281910
rs76934186	C	T	-0.042811	0.028056	0.0073717	6.35E-09	1	66250890
rs76962533	T	C	-0.063522	0.038133	0.0062371	2.34E-24	1	66194165
rs77509028	T	G	0.06519	0.015565	0.009638	1.35E-11	1	159740174
rs77704739	C	T	-0.051242	0.042351	0.0059437	6.65E-18	5	52080909
rs7808907	C	T	0.013756	0.50057	0.002389	8.52E-09	7	128584084
rs78273125	T	A	-0.038932	0.092296	0.0041261	3.91E-21	19	45644354
rs7828742	G	A	0.026336	0.5981	0.0024497	5.94E-27	8	116960729
rs7833554	T	C	0.013932	0.555	0.0024083	7.26E-09	8	103642986
rs78343493	A	G	0.021749	0.11938	0.0036915	3.83E-09	2	165502911
rs78620885	T	C	-0.058788	0.030478	0.0069535	2.82E-17	19	45591084
rs79101008	A	C	-0.029742	0.11065	0.0038068	5.61E-15	15	53076370
rs79429216	A	G	-0.086826	0.012389	0.010779	7.96E-16	19	45445517
rs7956514	G	T	0.016997	0.28665	0.0026374	1.16E-10	12	12879254
rs79875796	C	A	0.049893	0.037347	0.0064098	7.05E-15	12	121699887
rs799260	A	G	-0.022898	0.16622	0.0032052	9.08E-13	12	56921304

rs80257887	A	G	-0.046577	0.036064	0.0064059	3.58E-13	19	45020859
rs80292319	C	T	-0.028166	0.058721	0.0050841	3.03E-08	15	76508632
rs8060025	G	T	-0.01854	0.61106	0.0024505	3.87E-14	16	27327214
rs8110504	G	A	0.019086	0.84583	0.0033561	1.29E-08	19	47046668
rs8126001	T	C	-0.015684	0.48971	0.0023975	6.09E-11	20	62711459
rs8178824	T	C	0.060272	0.029741	0.0070548	1.31E-17	17	64224775
rs863013	T	G	-0.044276	0.34111	0.0025234	6.76E-69	1	159200020
rs879620	T	C	0.013732	0.61544	0.0024666	2.59E-08	16	4015729
rs9366639	G	C	-0.029243	0.17839	0.0031156	6.27E-21	6	26167613
rs9604045	T	G	-0.022968	0.25026	0.0028746	1.36E-15	13	113927208
rs9611454	T	C	-0.018054	0.35206	0.002517	7.36E-13	22	41409429
rs9638882	A	C	-0.024383	0.20879	0.0029448	1.24E-16	7	1023617
rs9738365	A	C	0.02034	0.26663	0.0027085	5.94E-14	12	31997635
