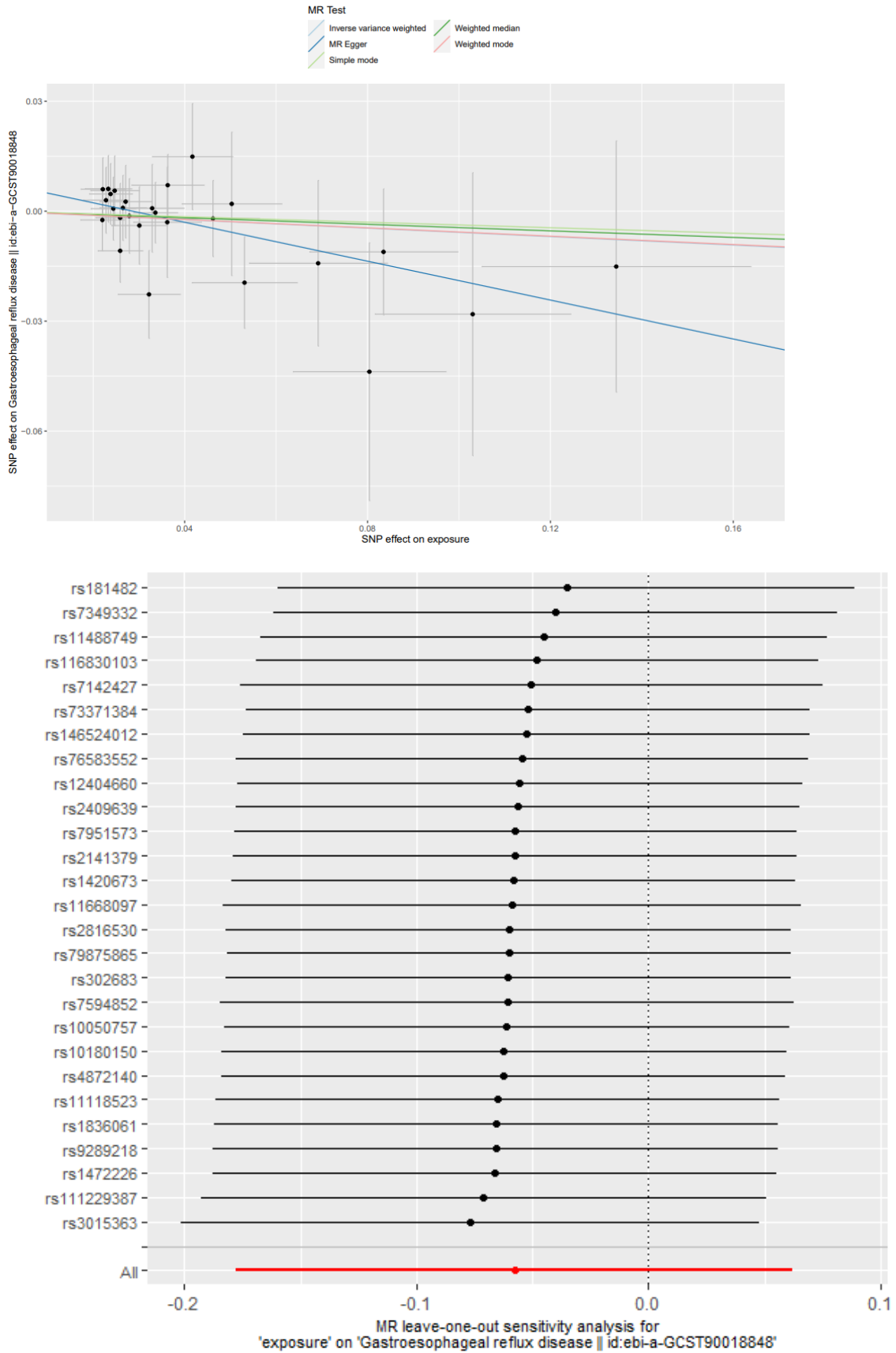
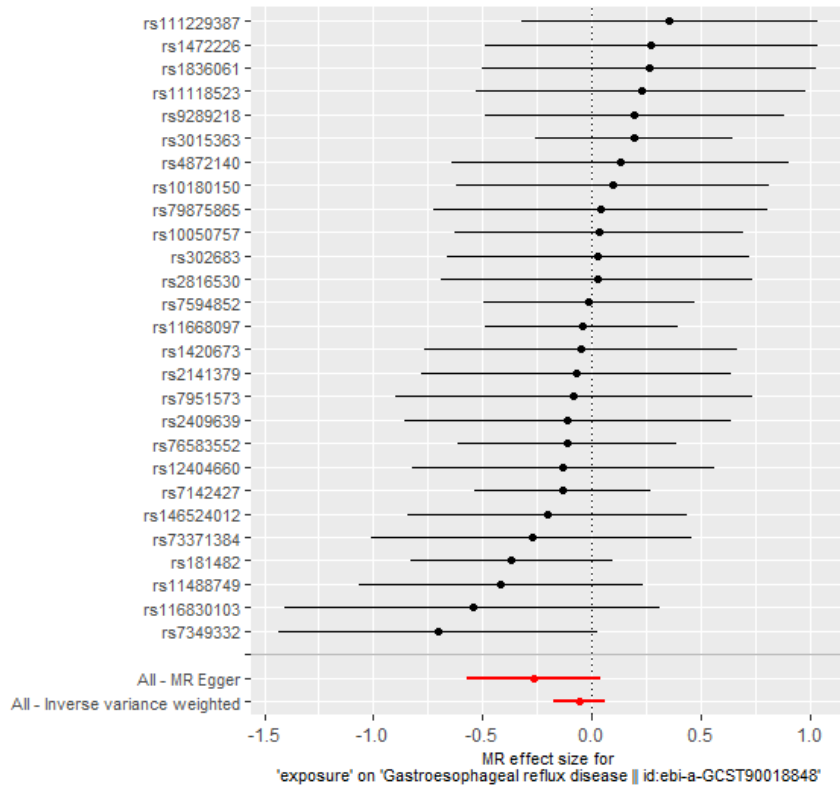
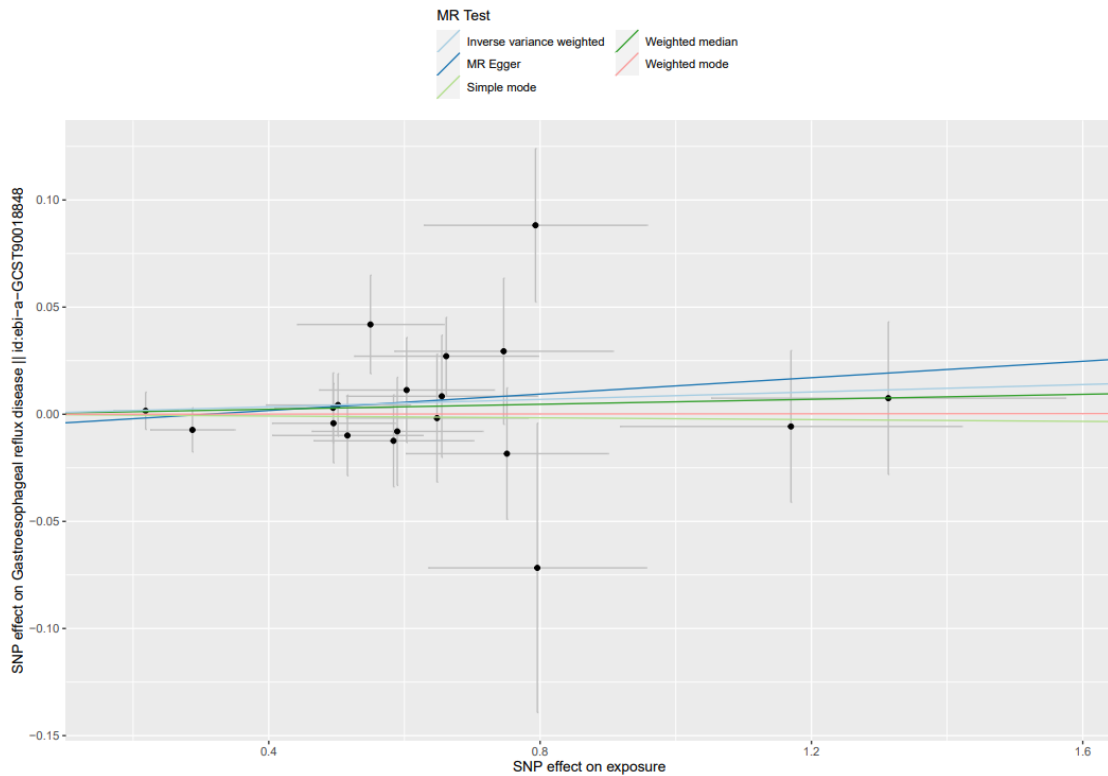


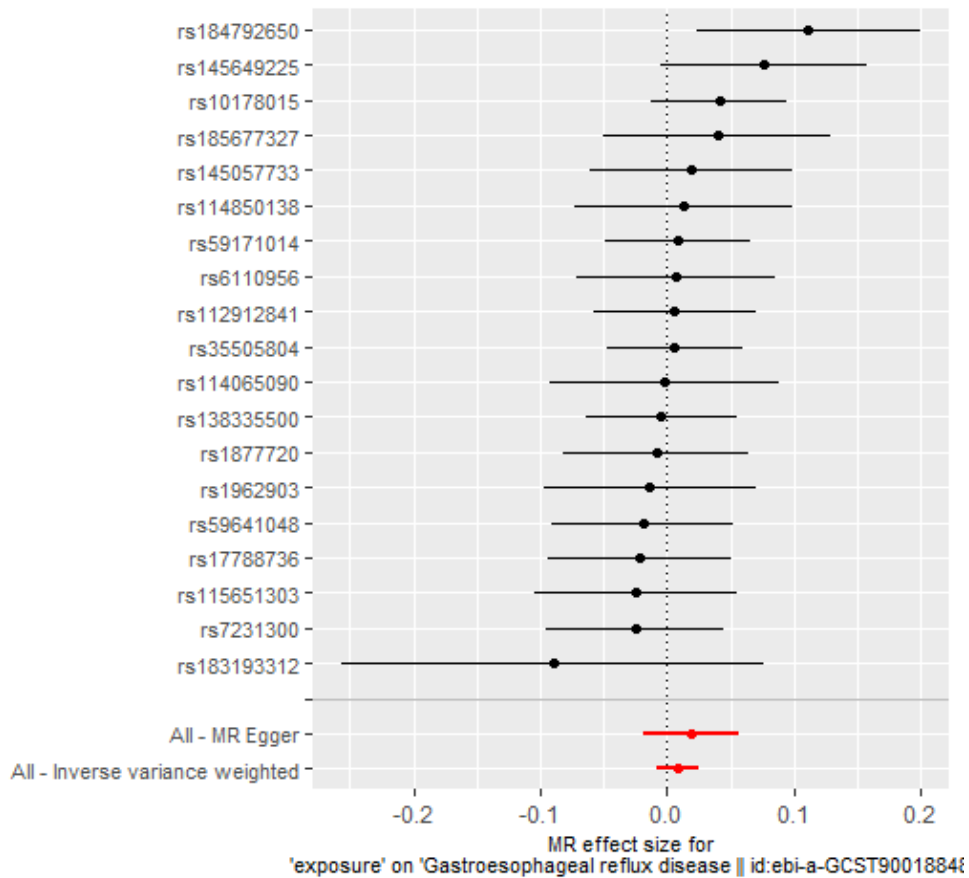
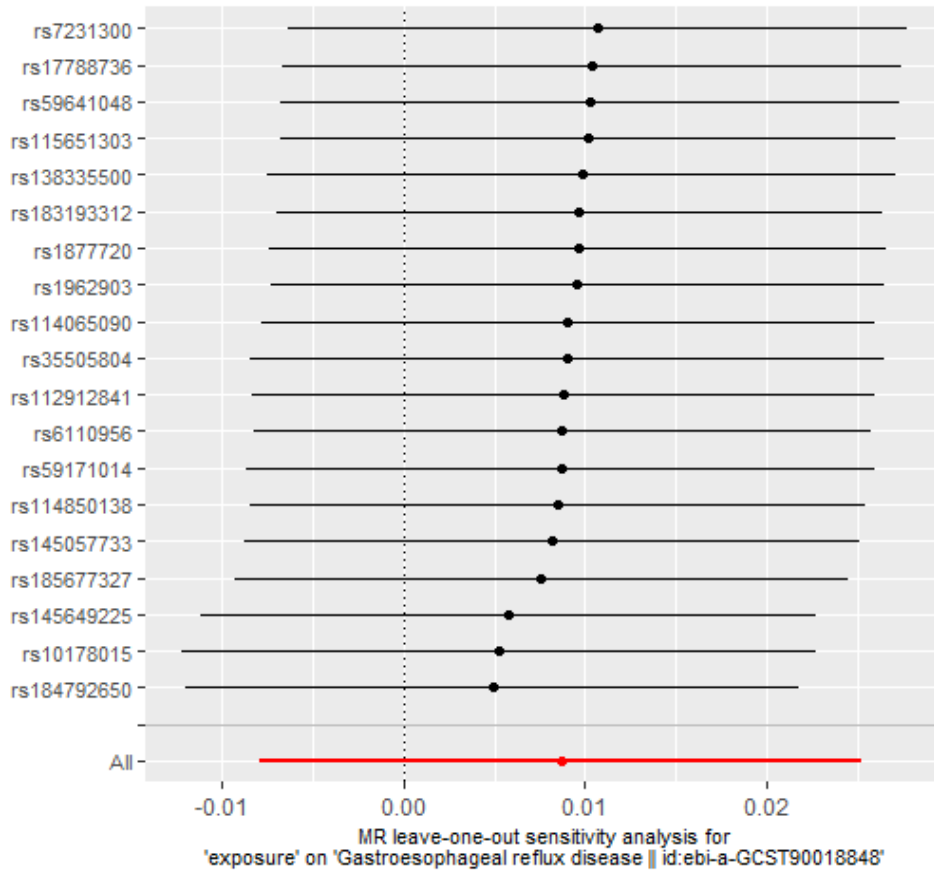
Supplementary Figure 1 Scatter plot, leave-one-out plot and forest plot for the effect of Gestational duration on GERD.



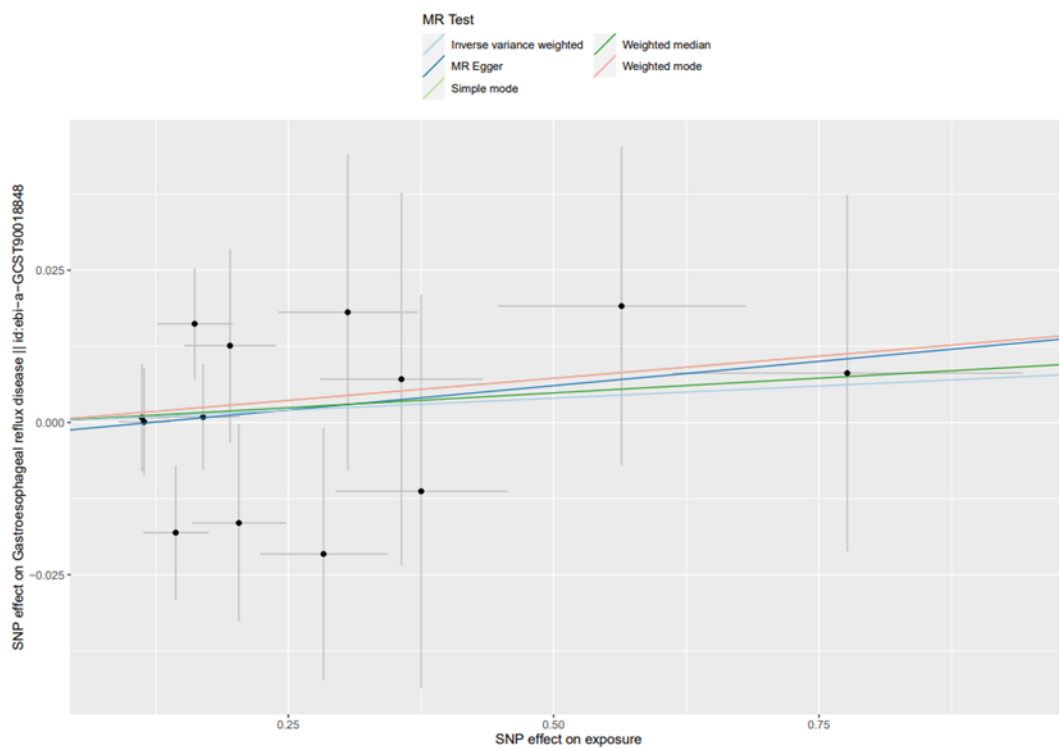


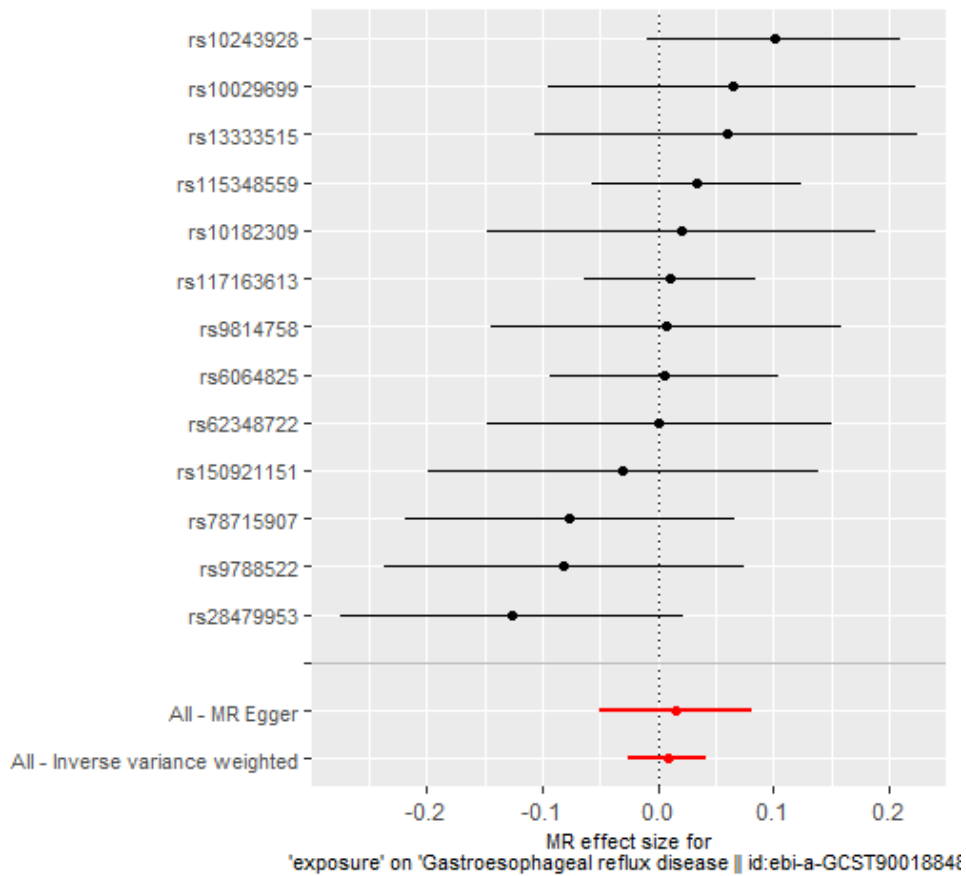
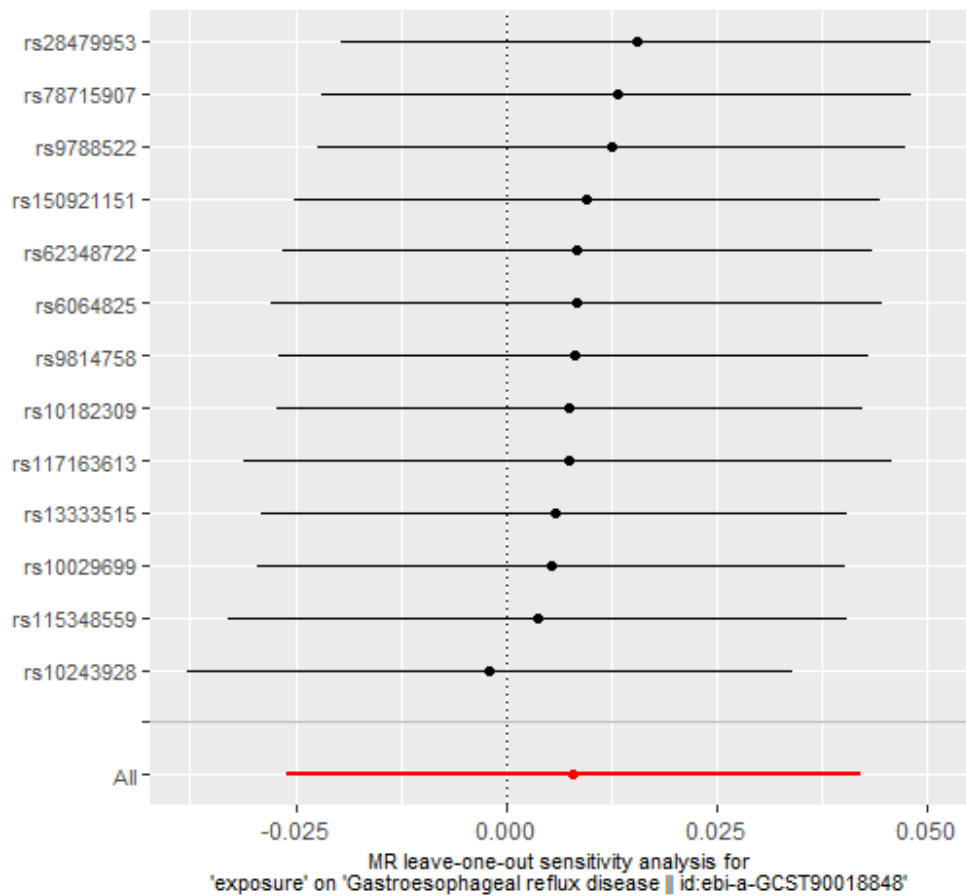
Supplementary Figure 2 Scatter plot, leave-one-out plot and forest plot for the effect of Early preterm birth on GERD.



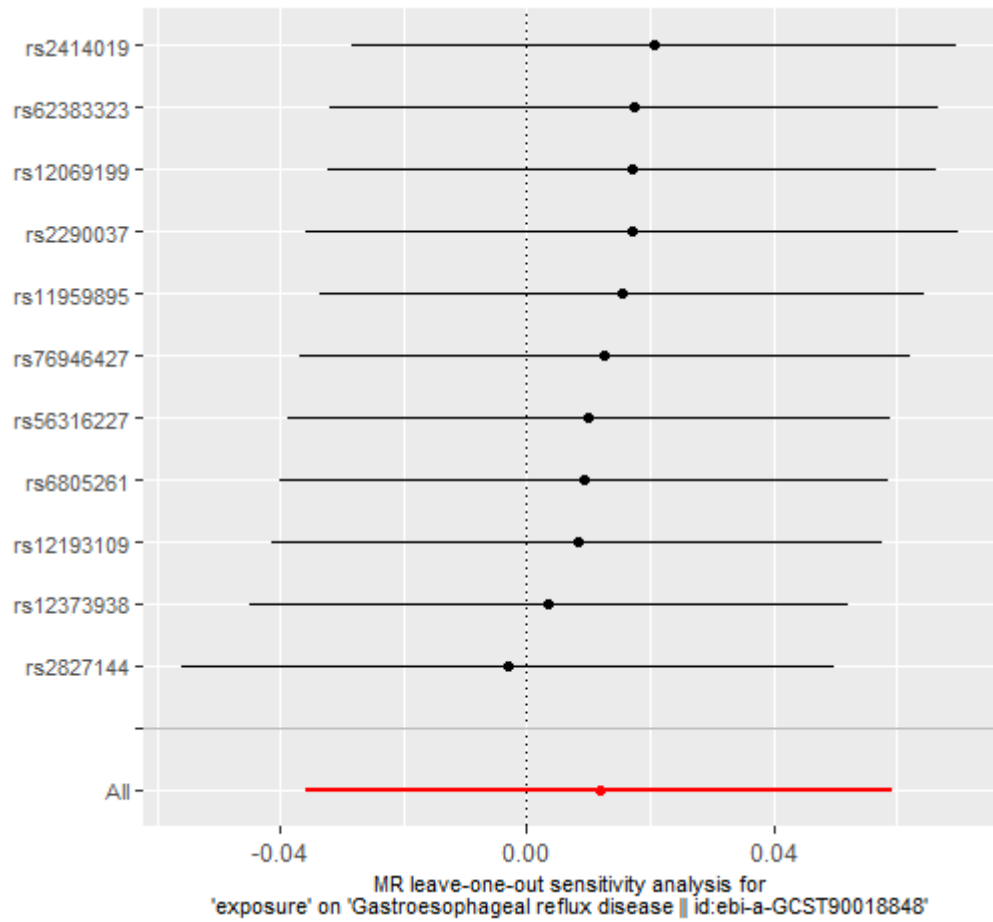
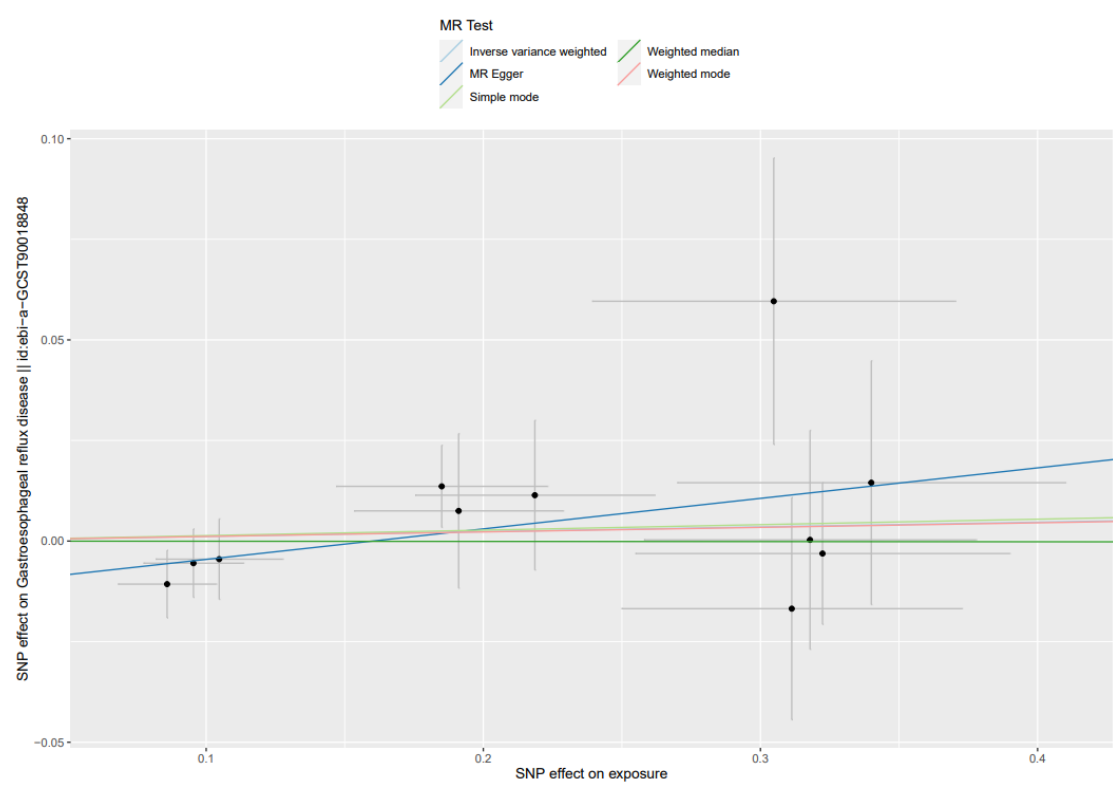


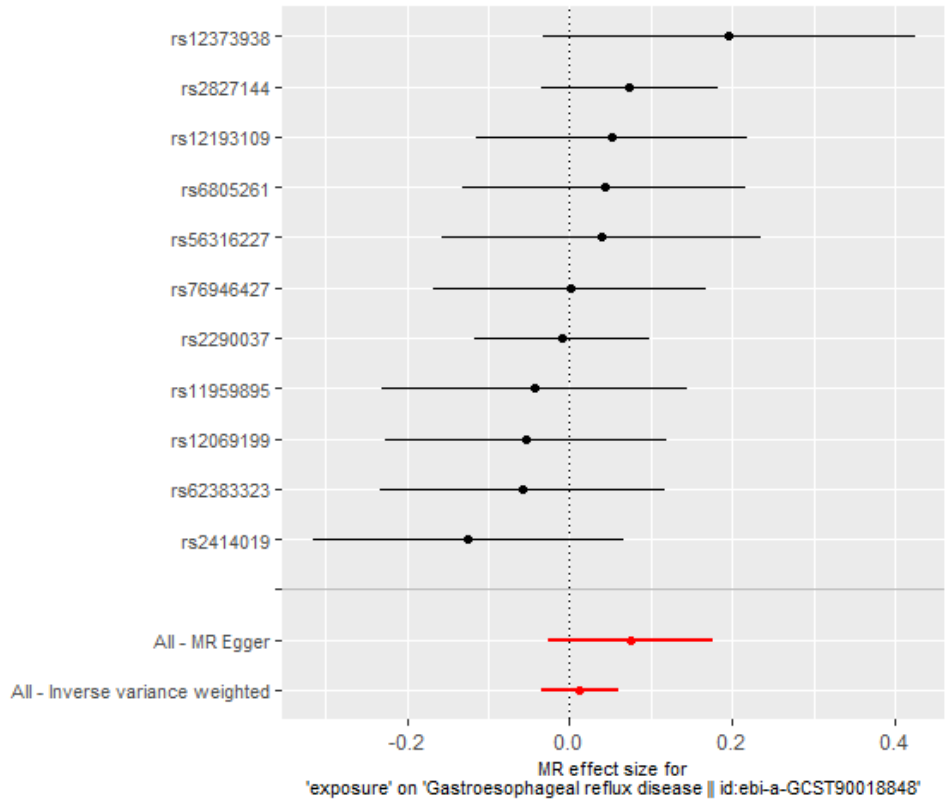
Supplementary Figure 3 Scatter plot, leave-one-out plot and forest plot for the effect of Preterm birth on GERD.



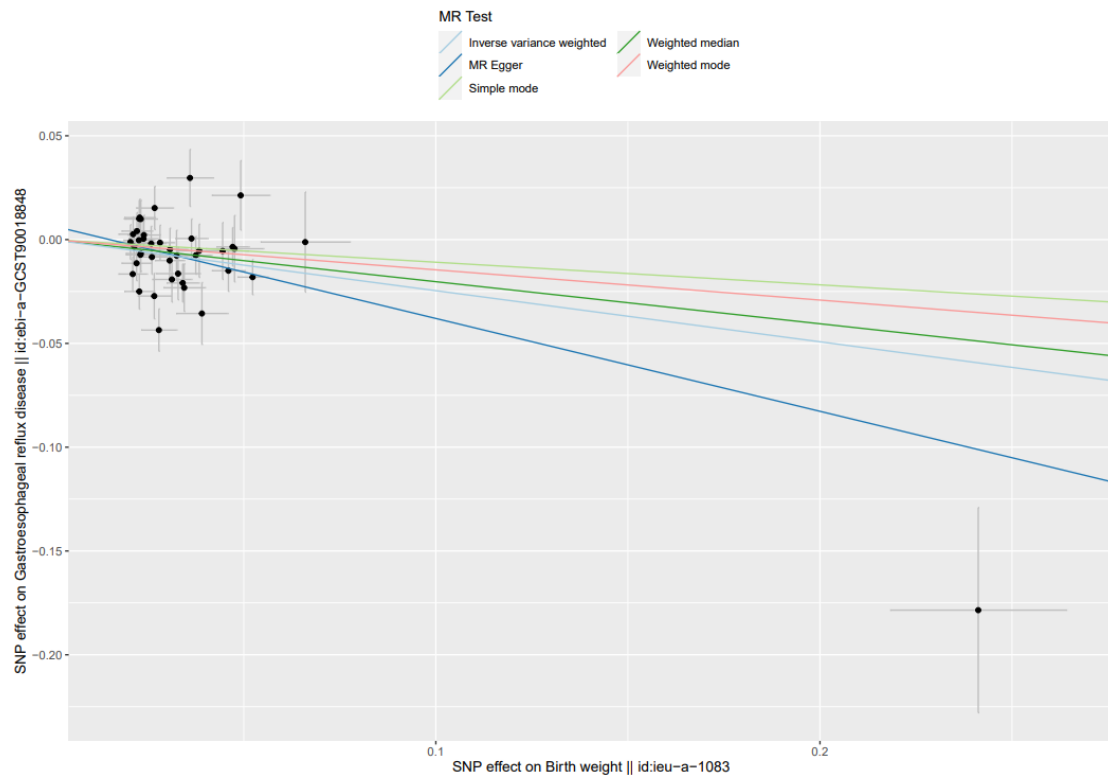


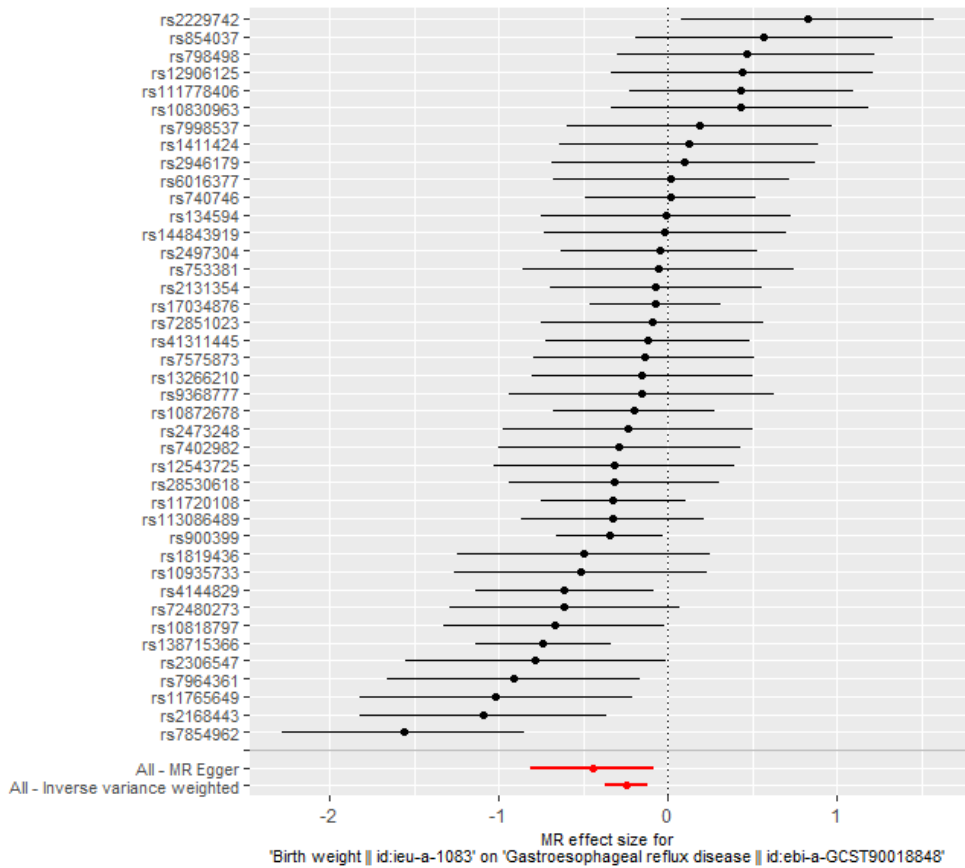
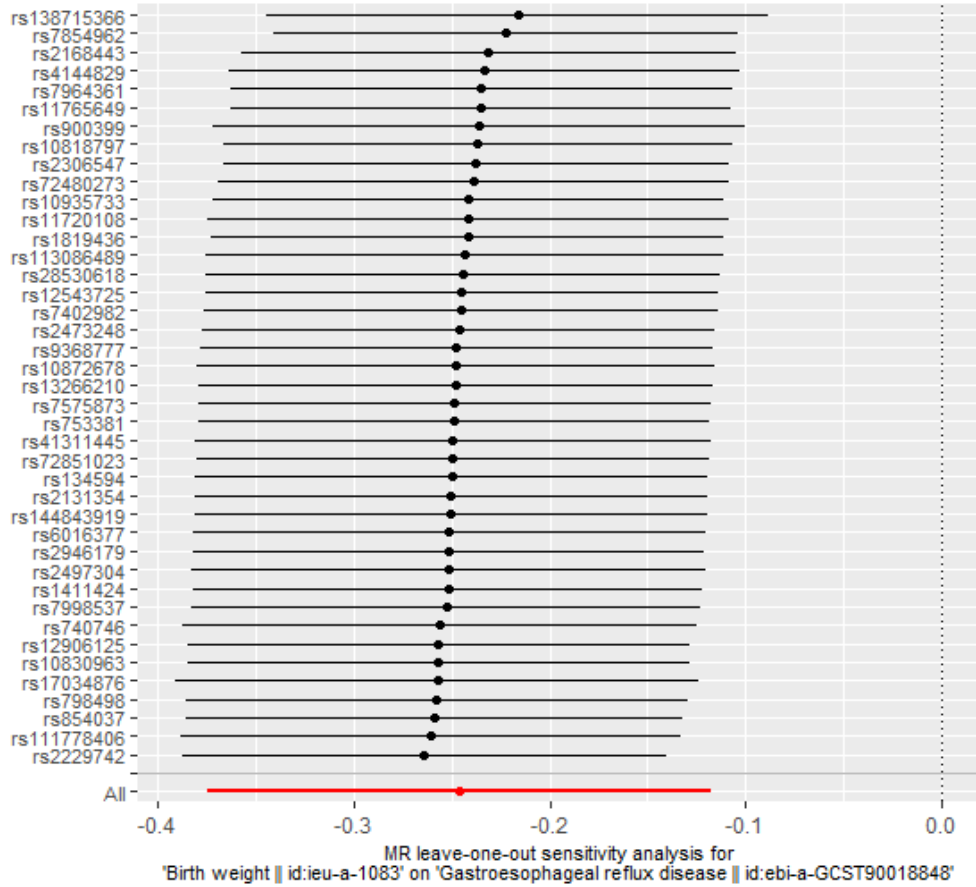
Supplementary Figure 4. Scatter plot, leave-one-out plot and forest plot for the effect of Post term birth on GERD.



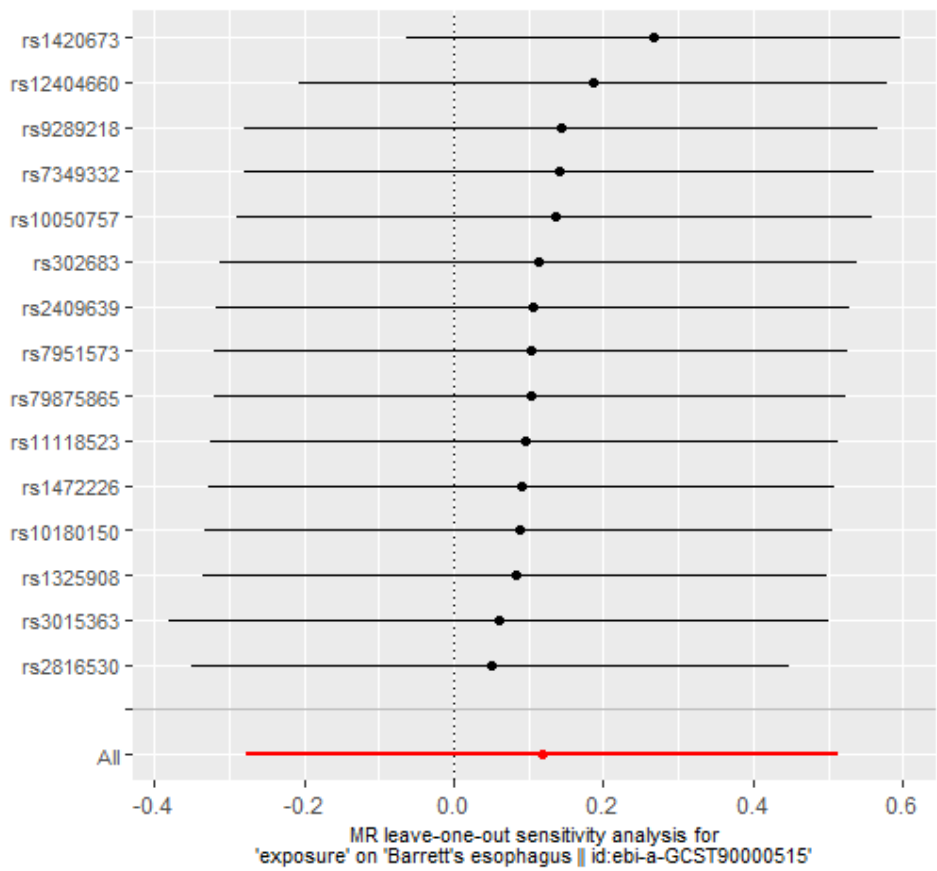
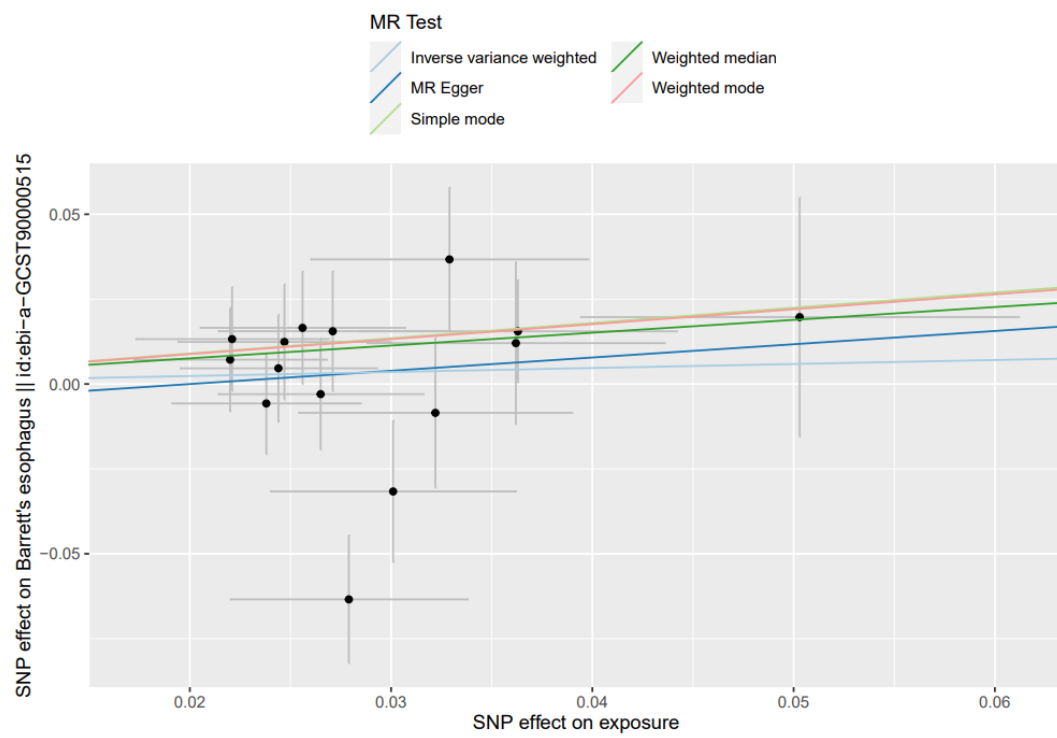


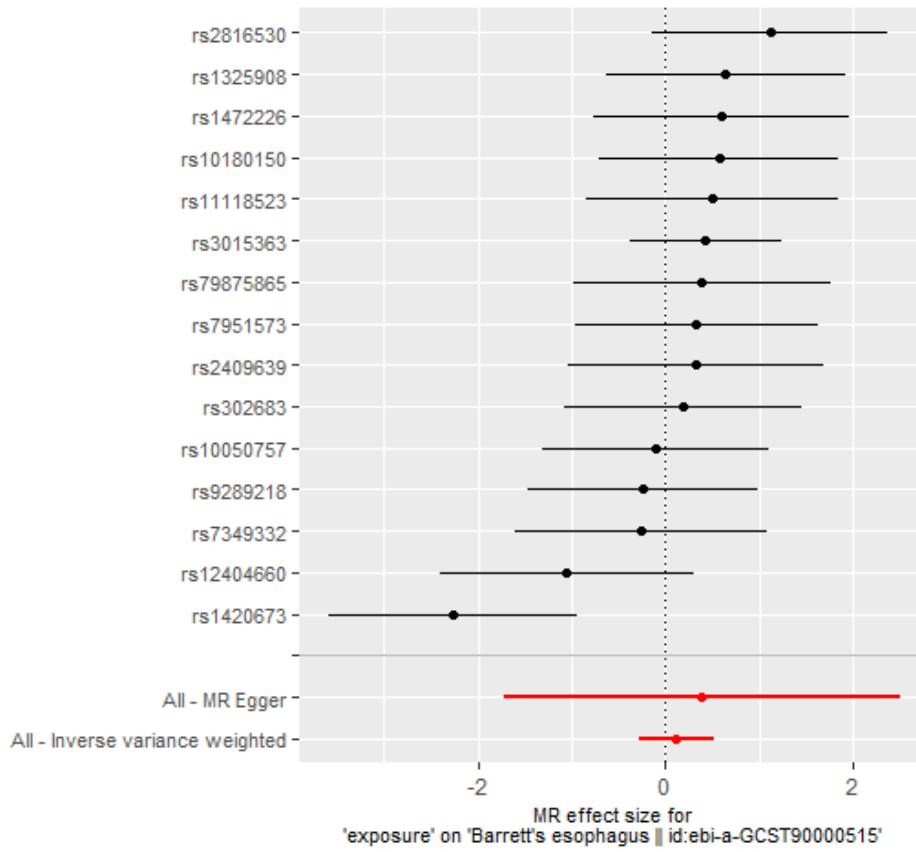
Supplementary Figure 5. Scatter plot, leave-one-out plot and forest plot for the effect of birth weight on GERD.



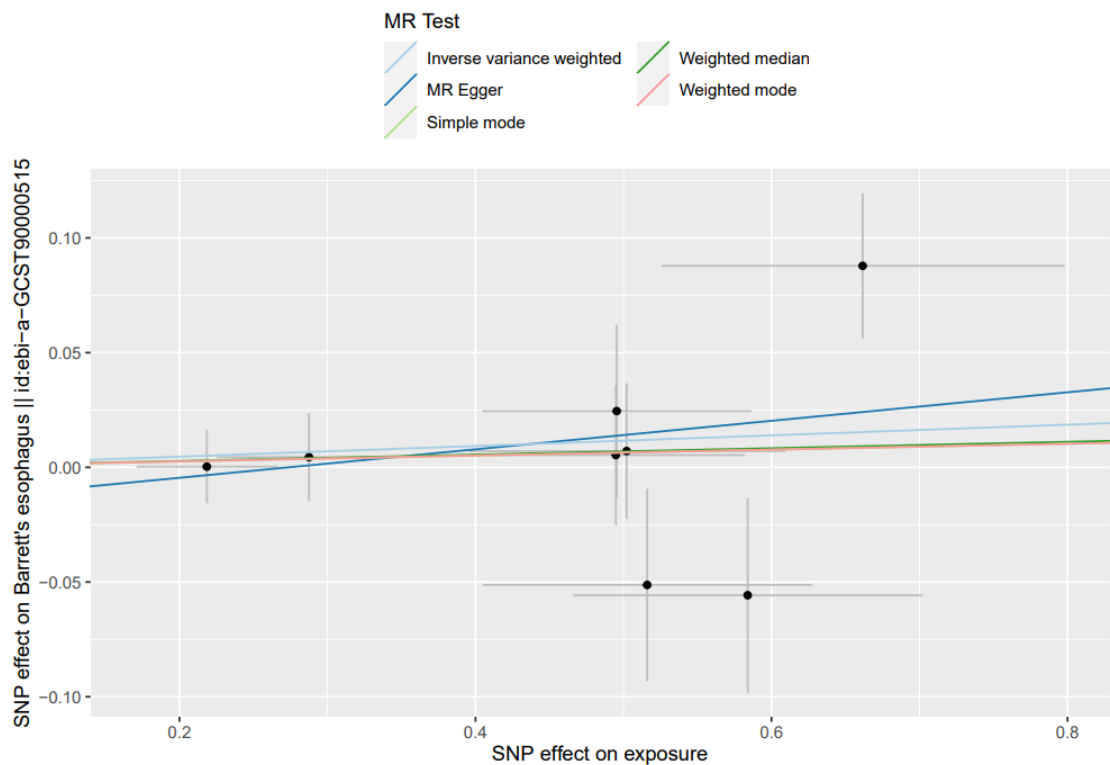


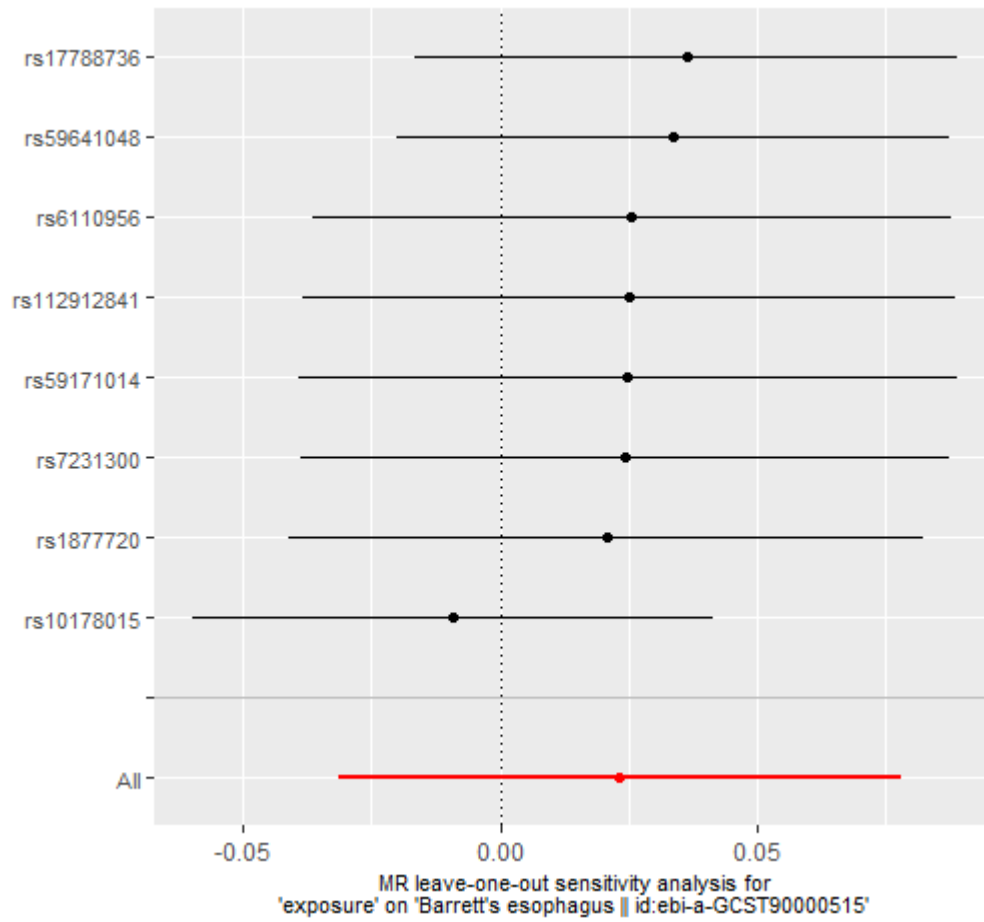
Supplementary Figure 6. Scatter plot, leave-one-out plot and forest plot for the effect of Gestational duration on BE.

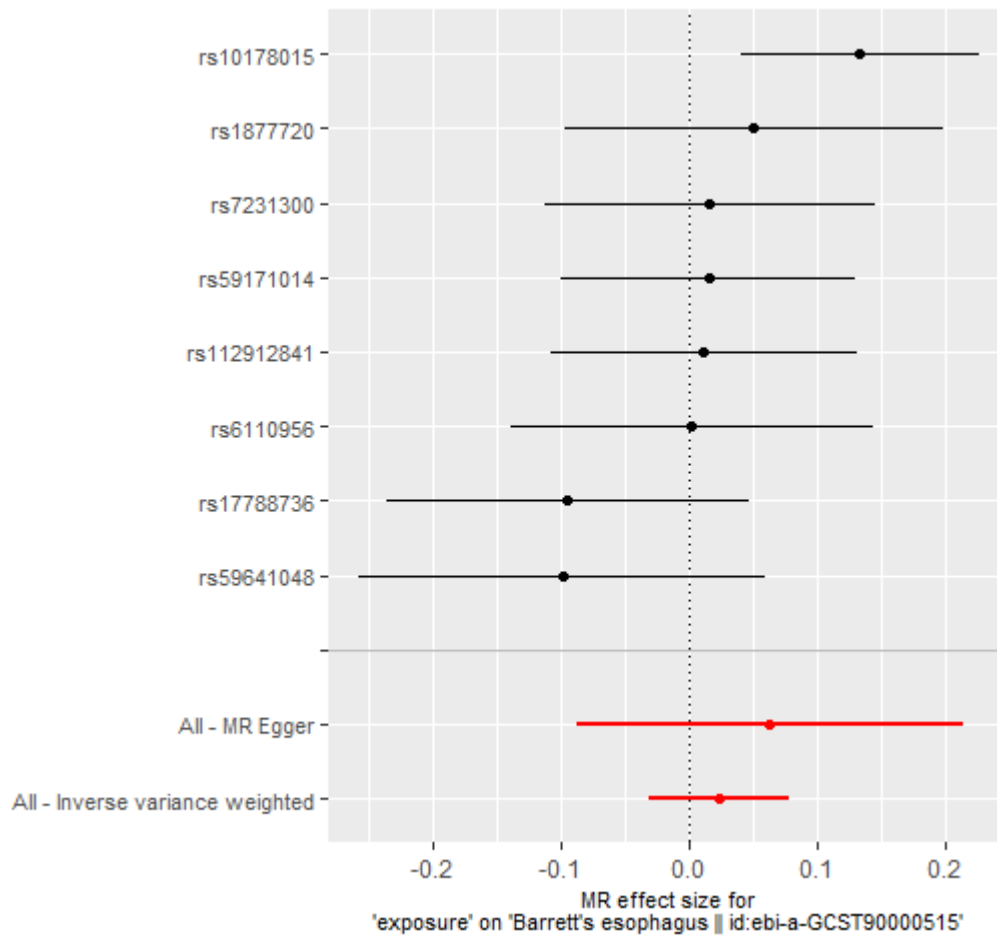




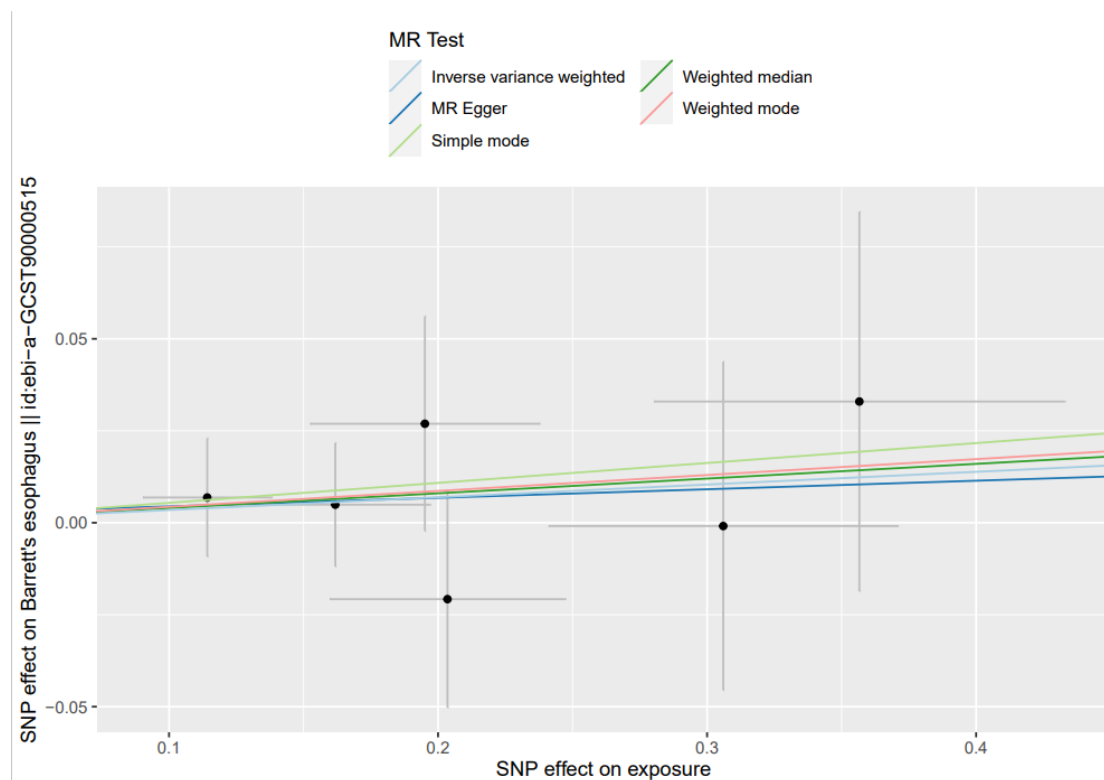
Supplementary Figure 7 Scatter plot, leave-one-out plot and forest plot for the effect of Early preterm birth on BE.

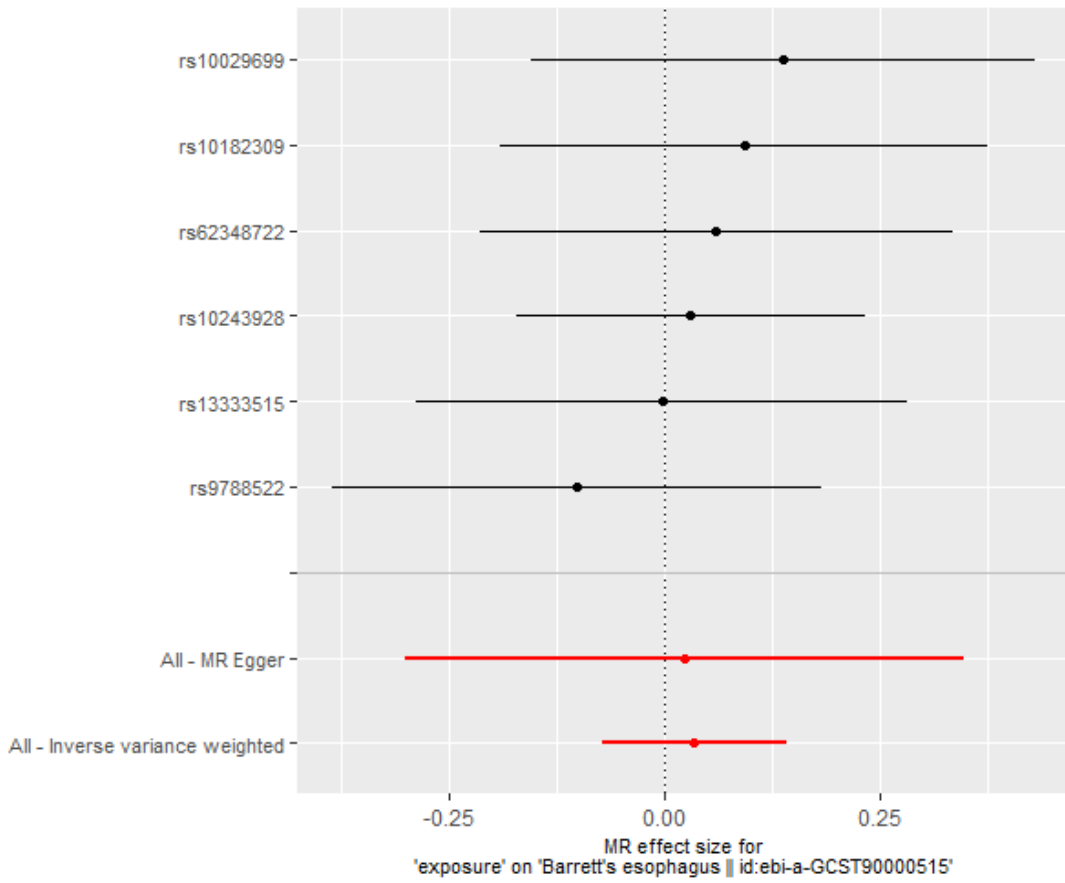
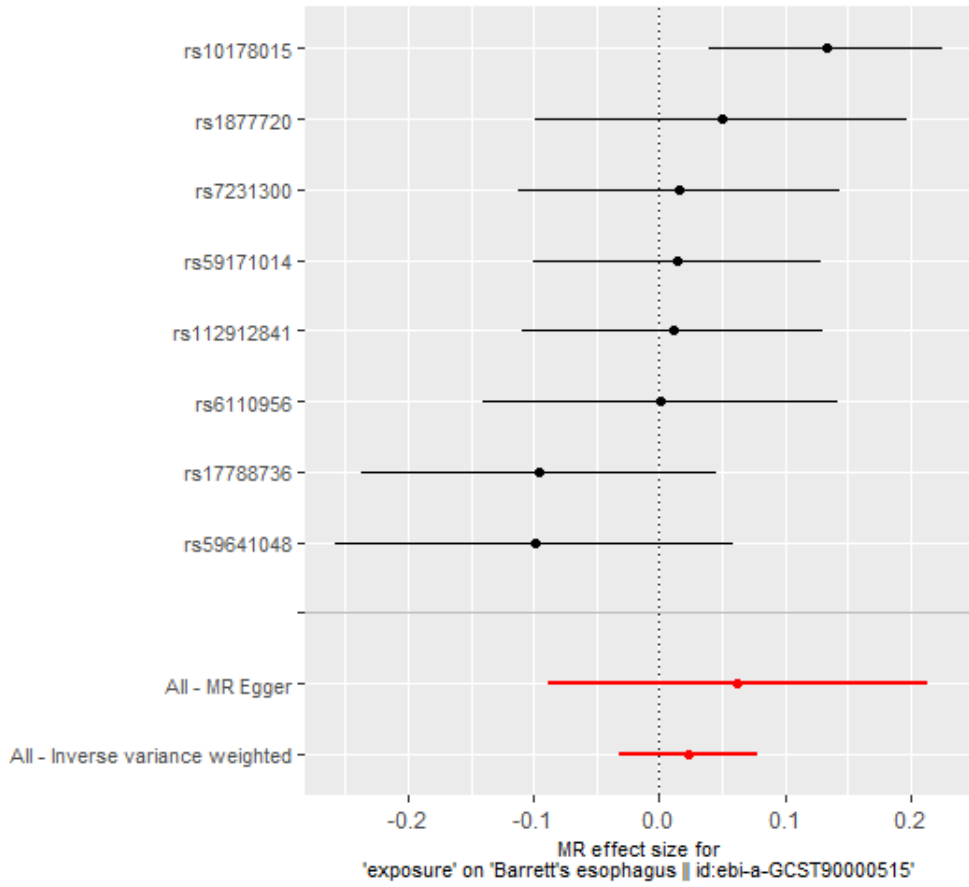




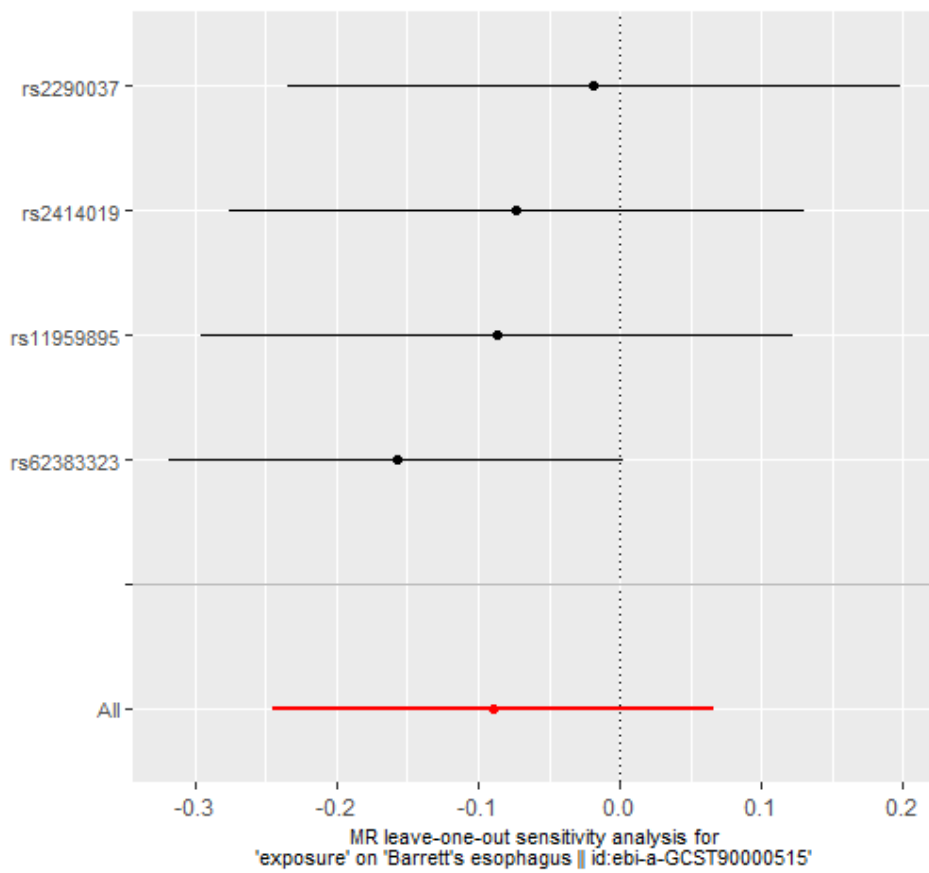
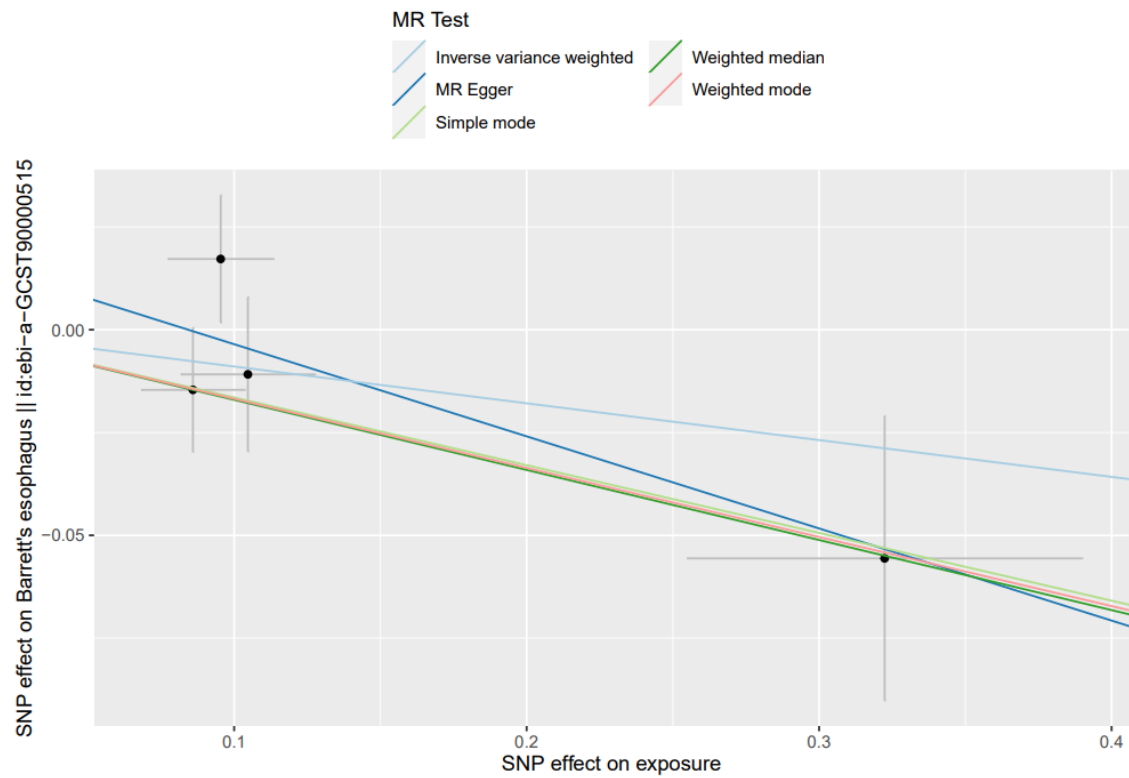


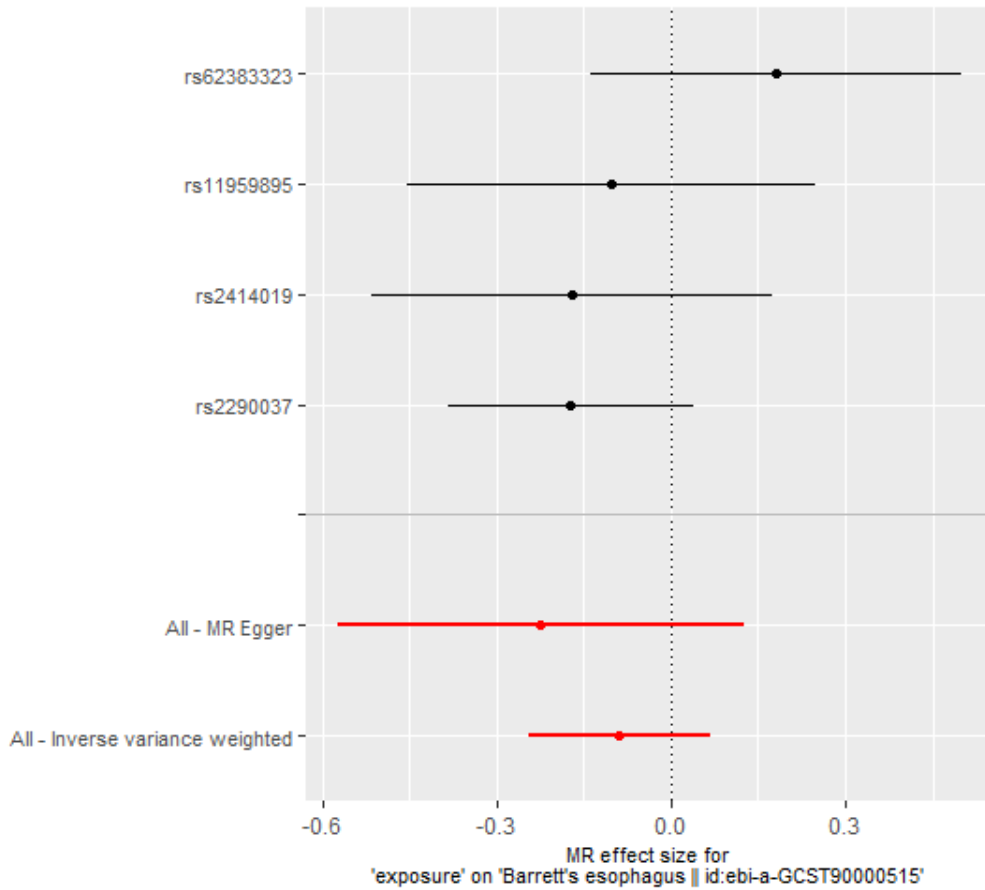
Supplementary Figure 8. Scatter plot, leave-one-out plot and forest plot for the effect of Preterm birth on BE.



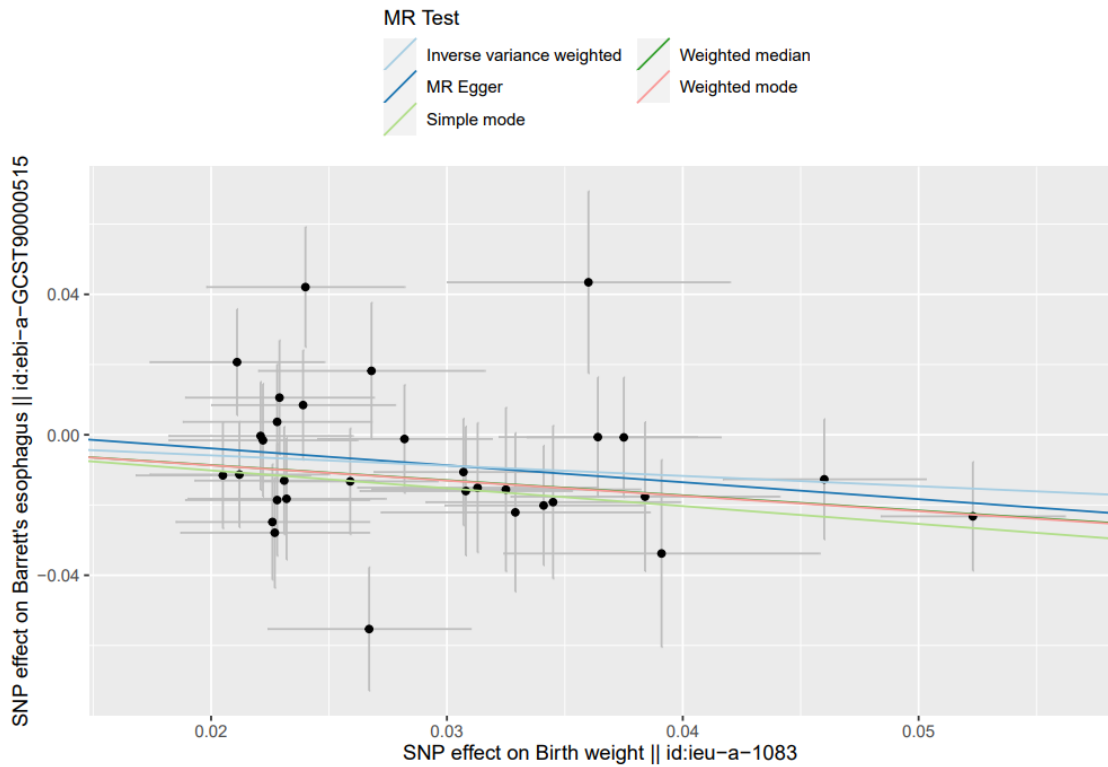


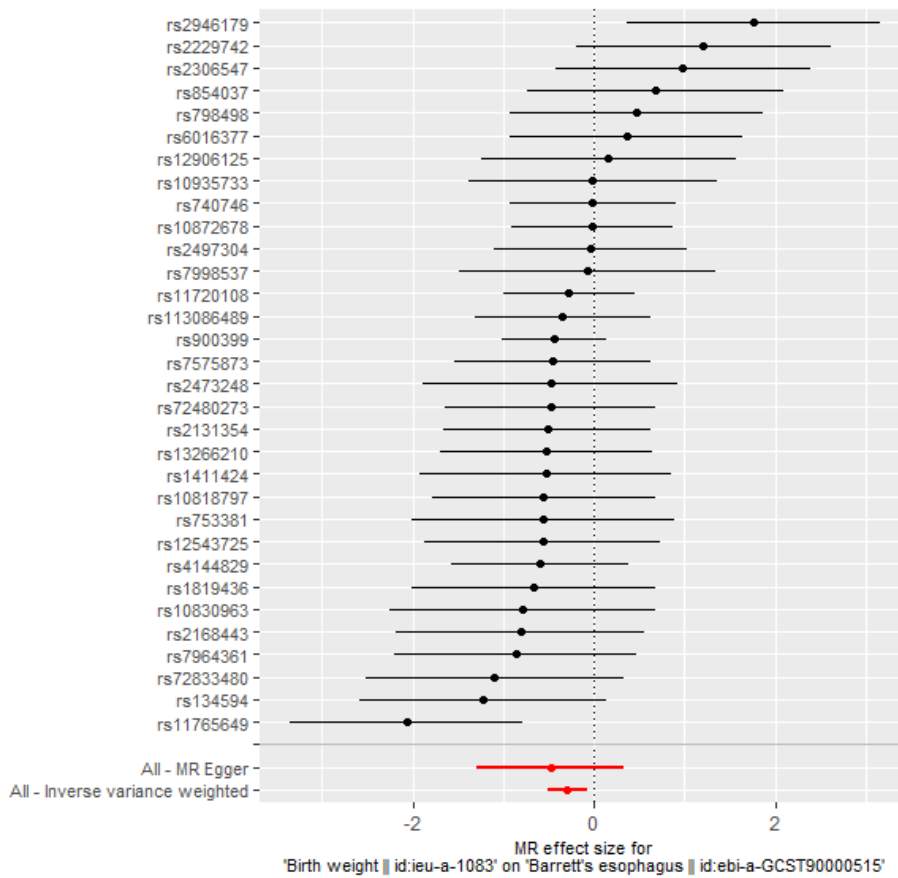
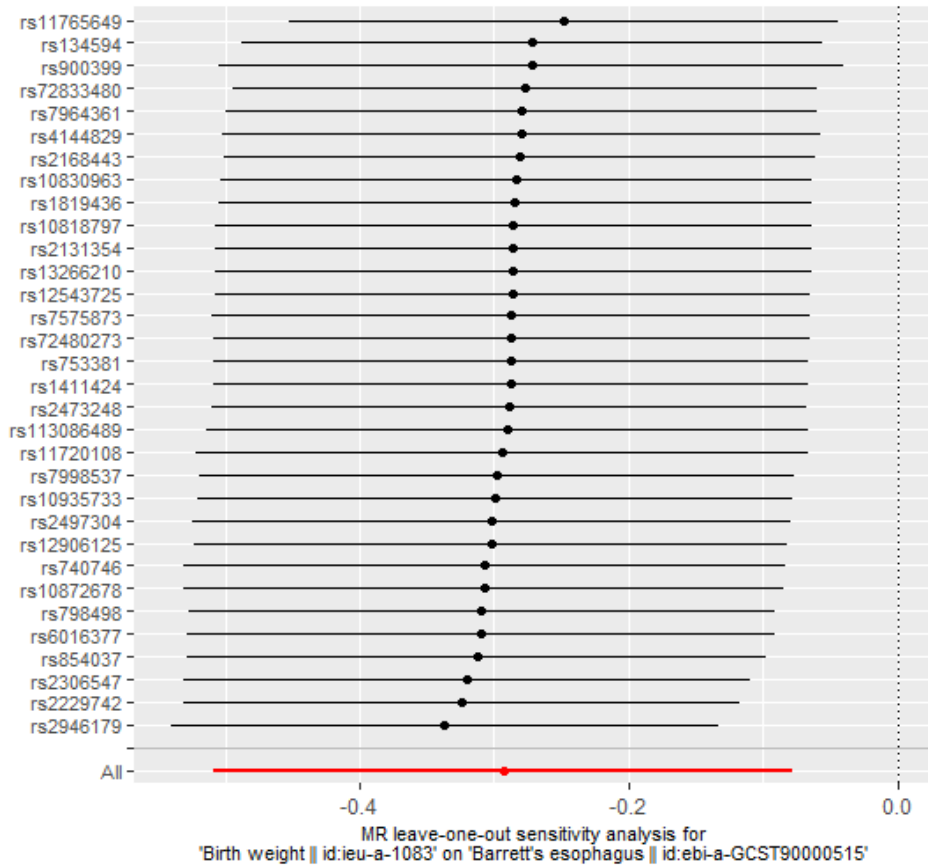
Supplementary Figure 9. Scatter plot, leave-one-out plot and forest plot for the effect of Post term birth on BE.



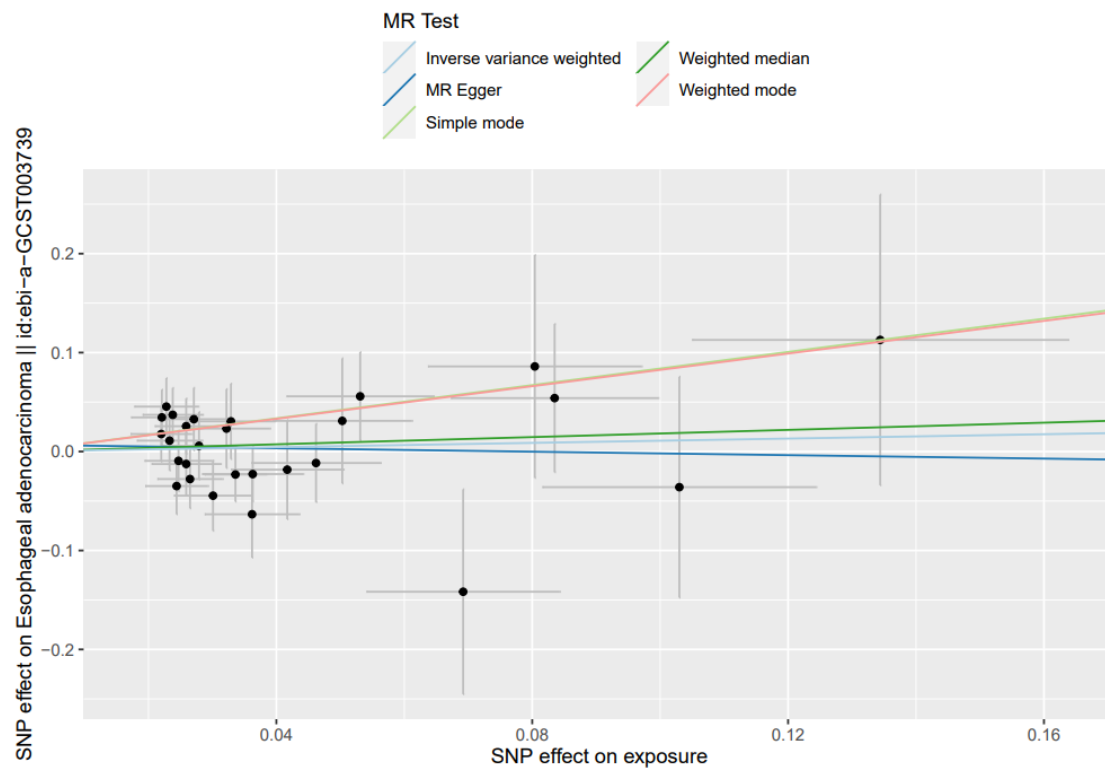


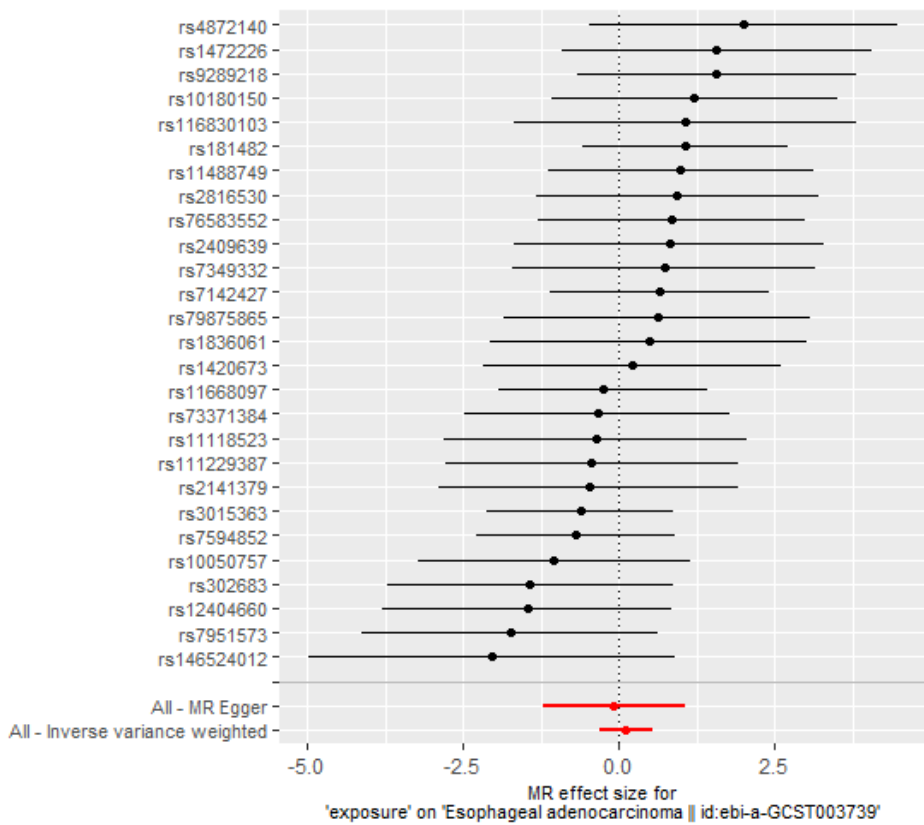
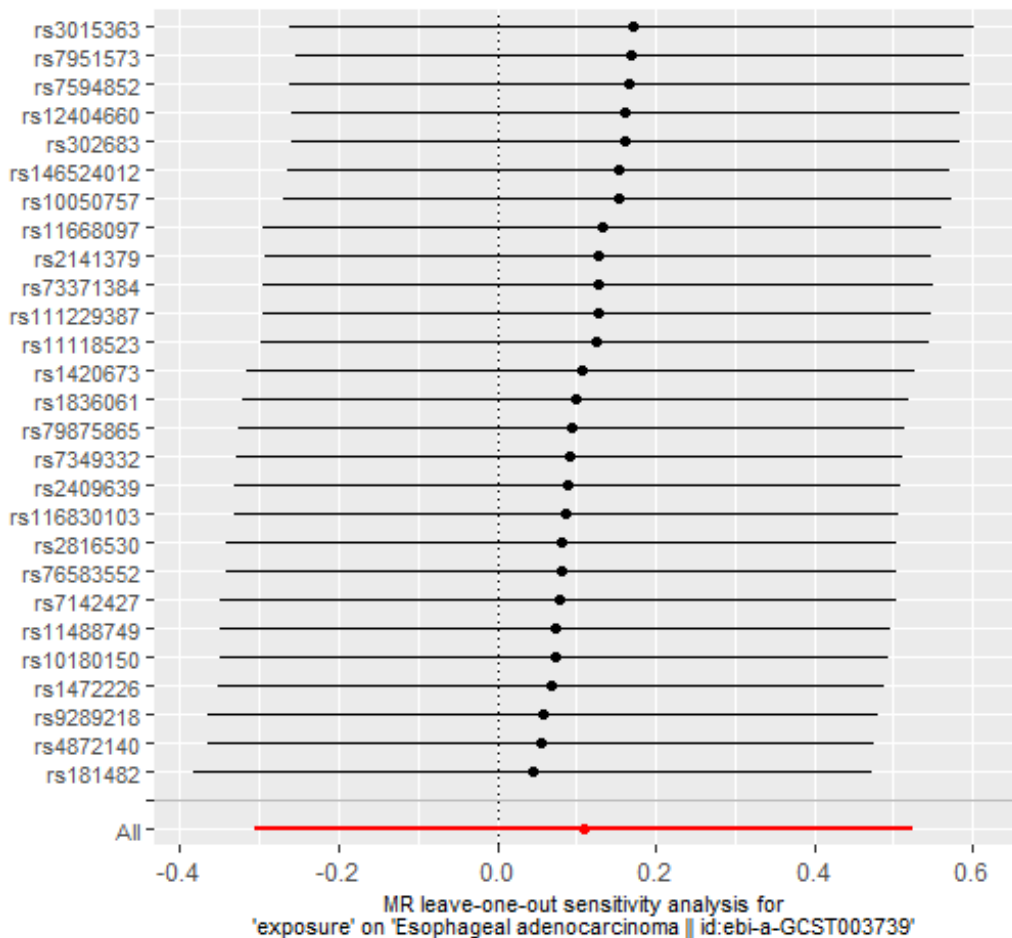
Supplementary Figure 10. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on BE.



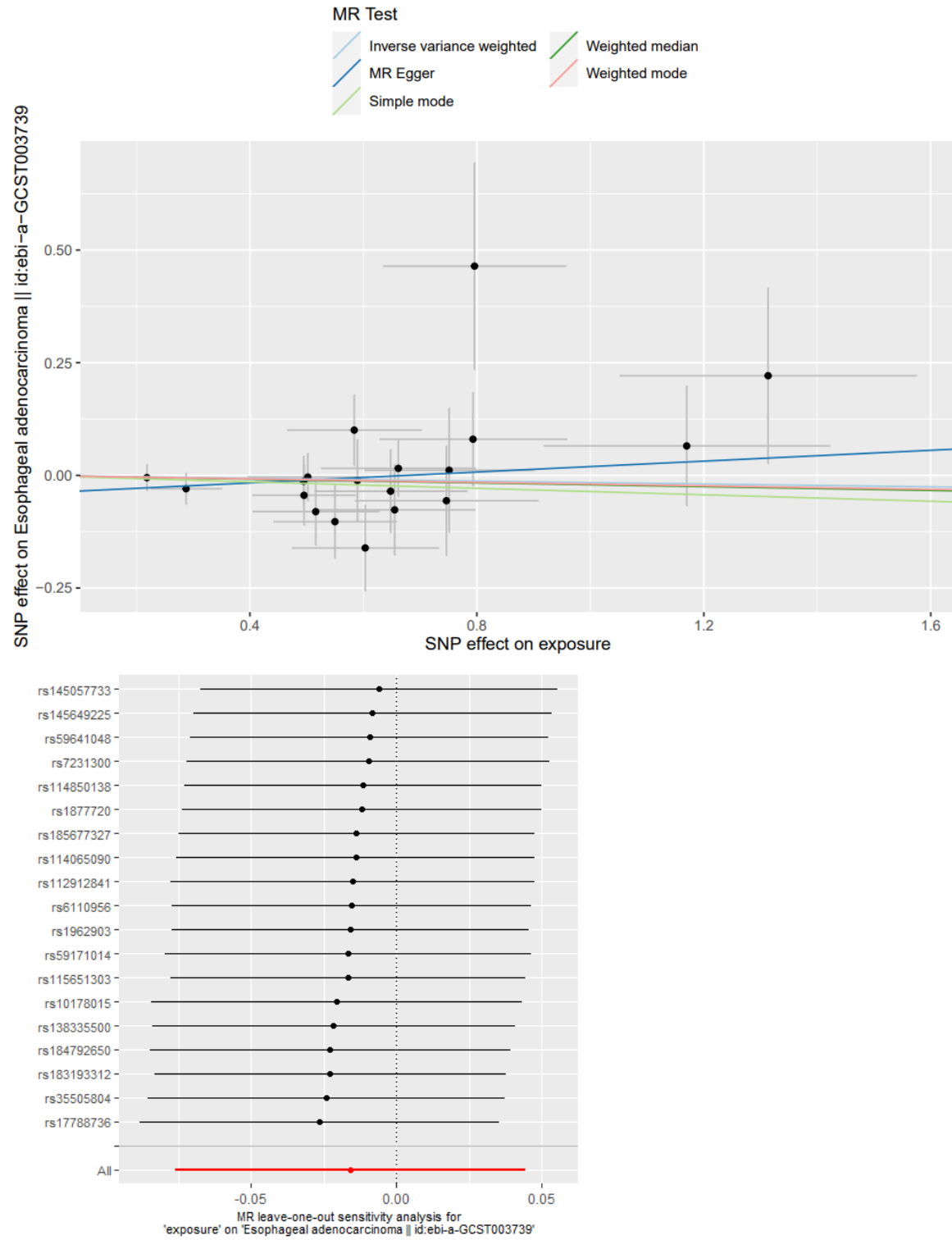


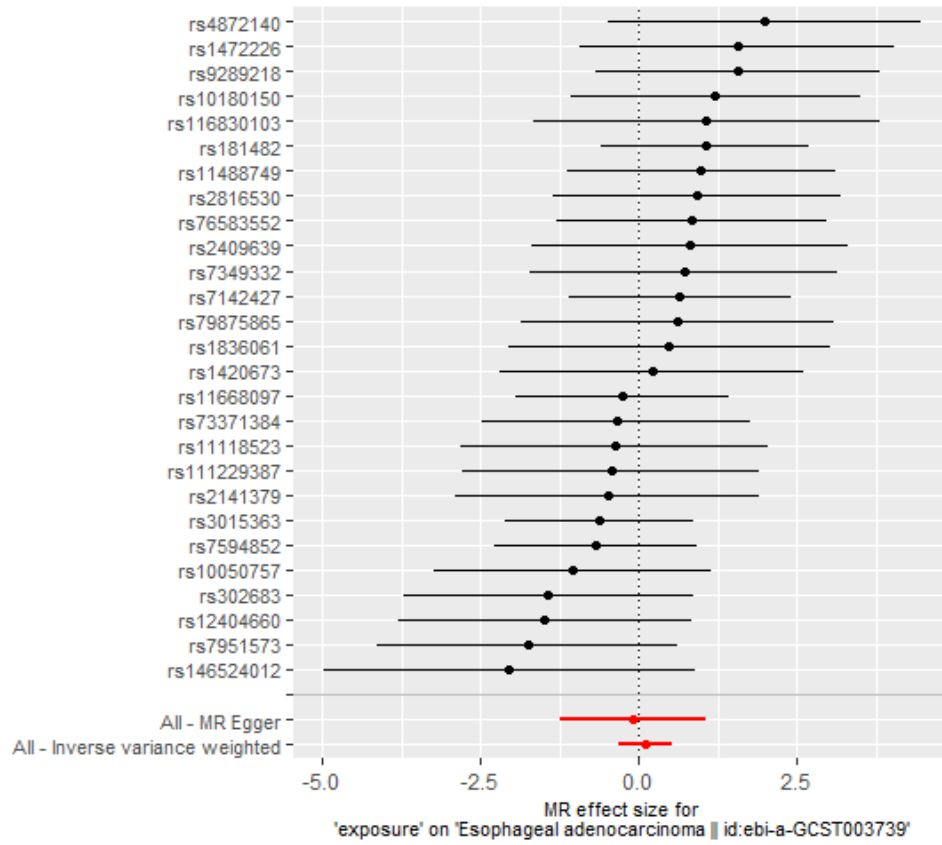
Supplementary Figure 11. Scatter plot, leave-one-out plot and forest plot for the effect of Gestational duration on EA.



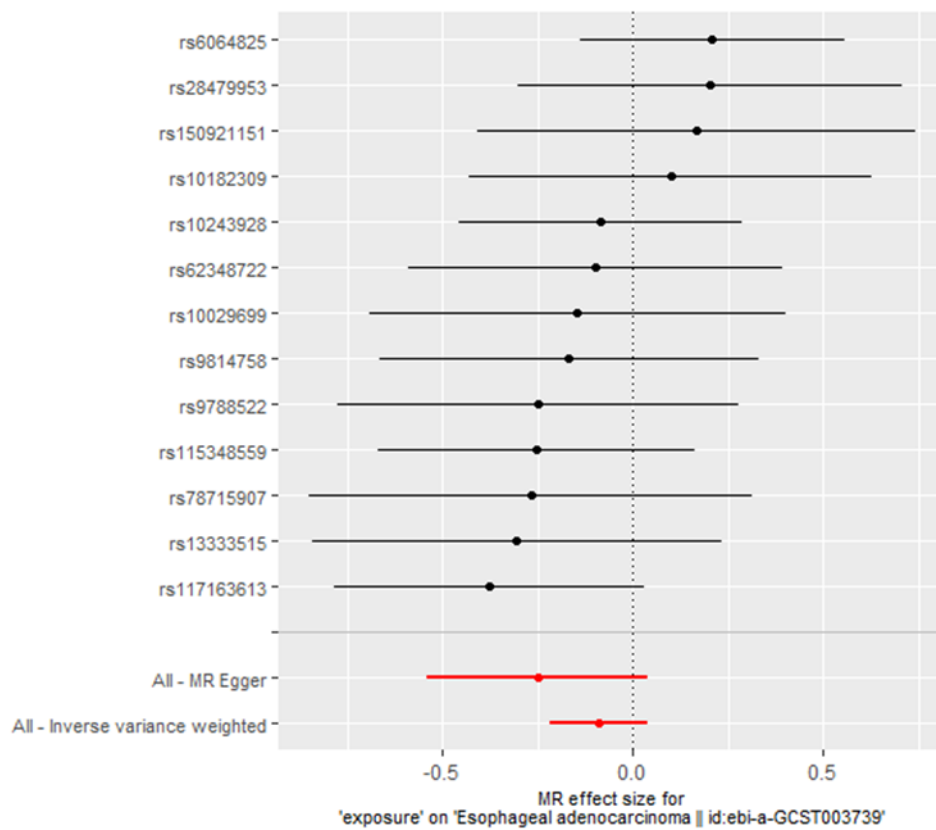
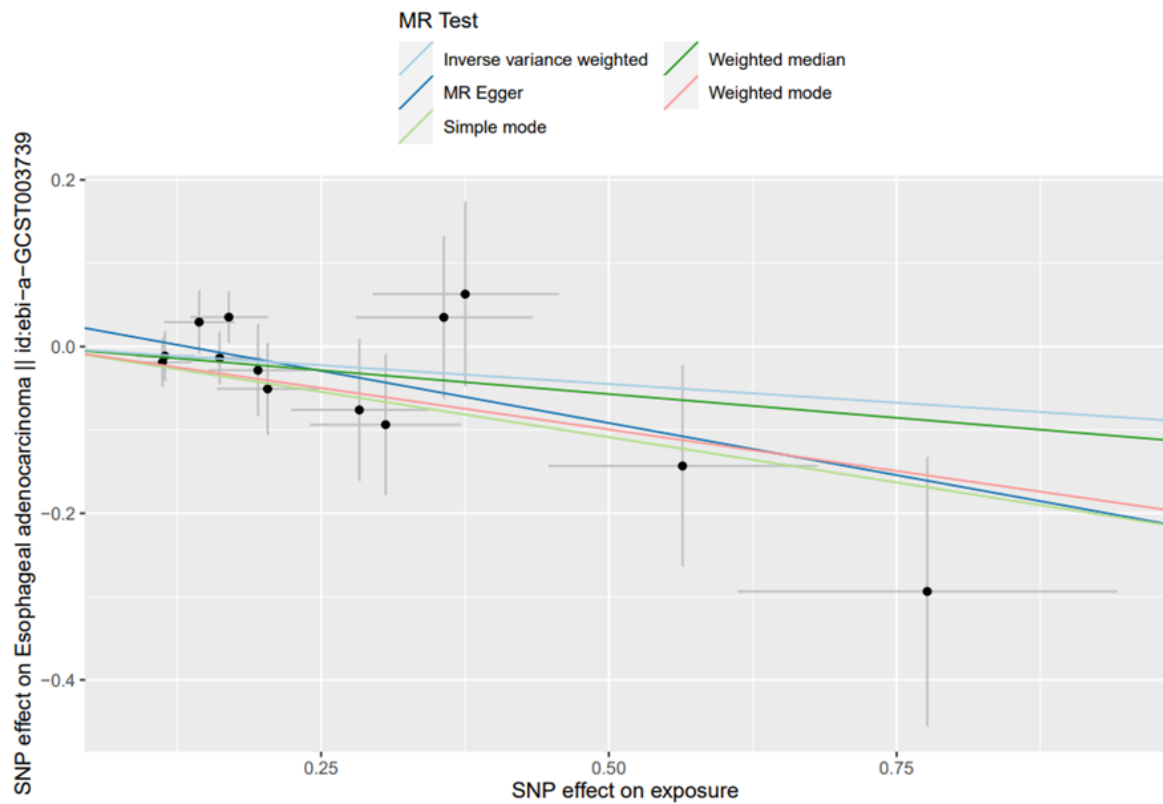


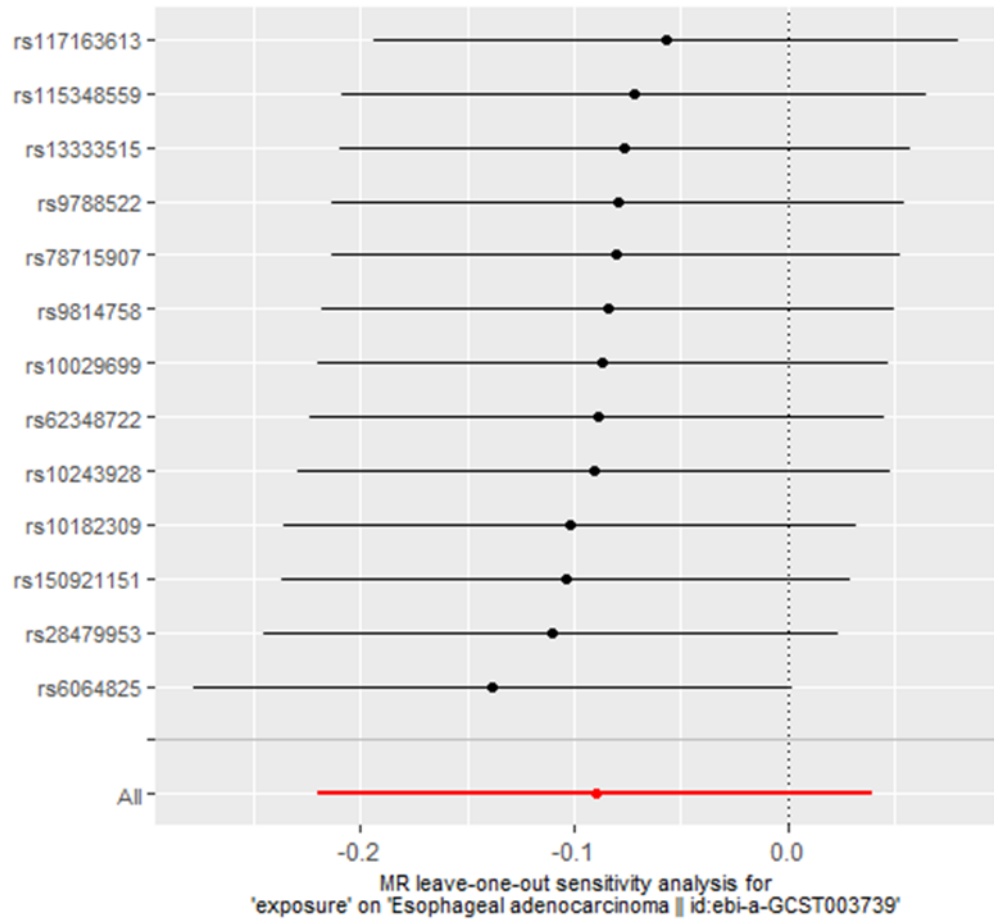
Supplementary Figure 12. Scatter plot, leave-one-out plot and forest plot for the effect of Early preterm birth on EA.



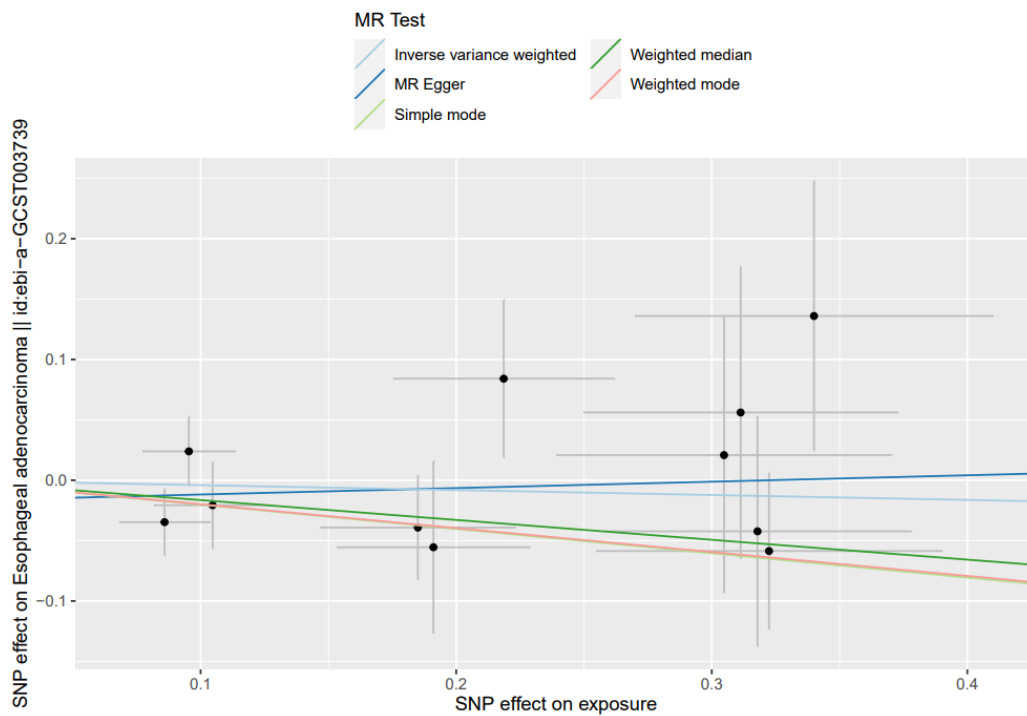


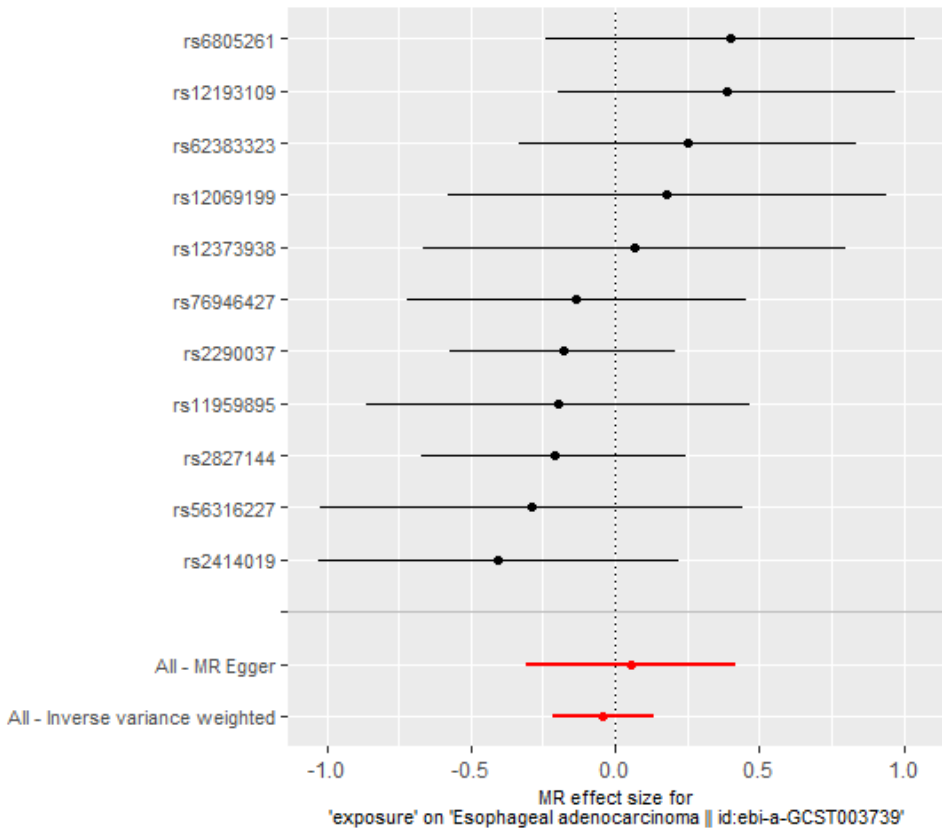
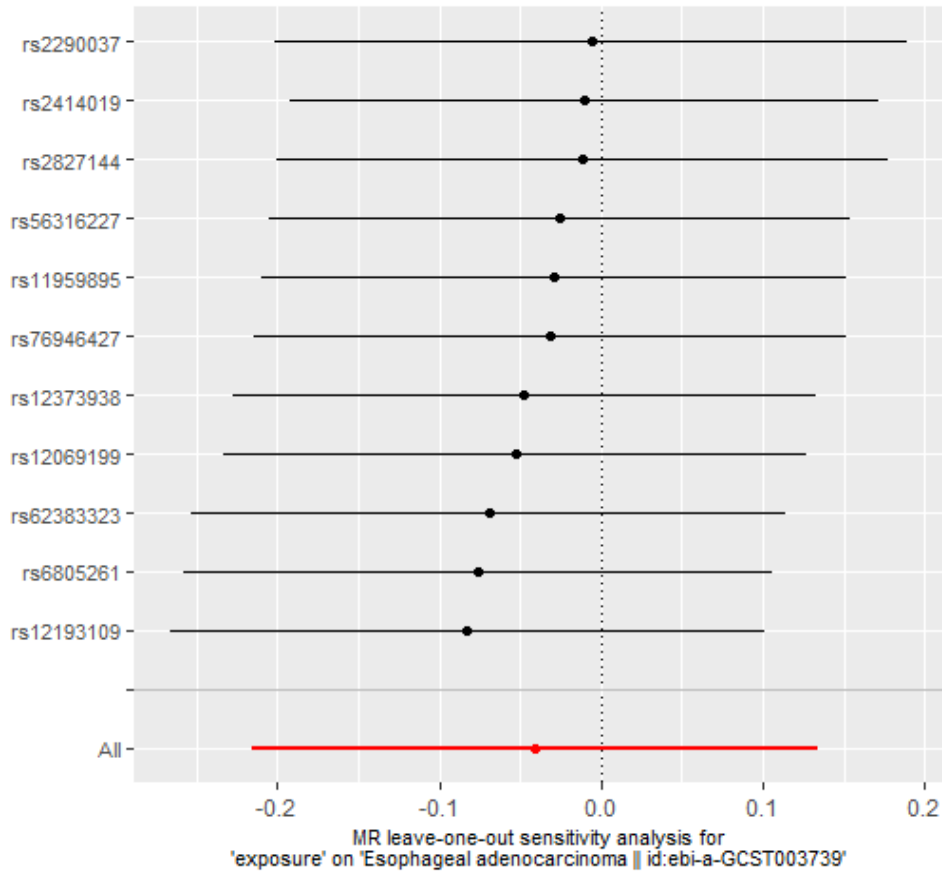
Supplementary Figure 13. Scatter plot, leave-one-out plot and forest plot for the effect of Preterm birth on EA.



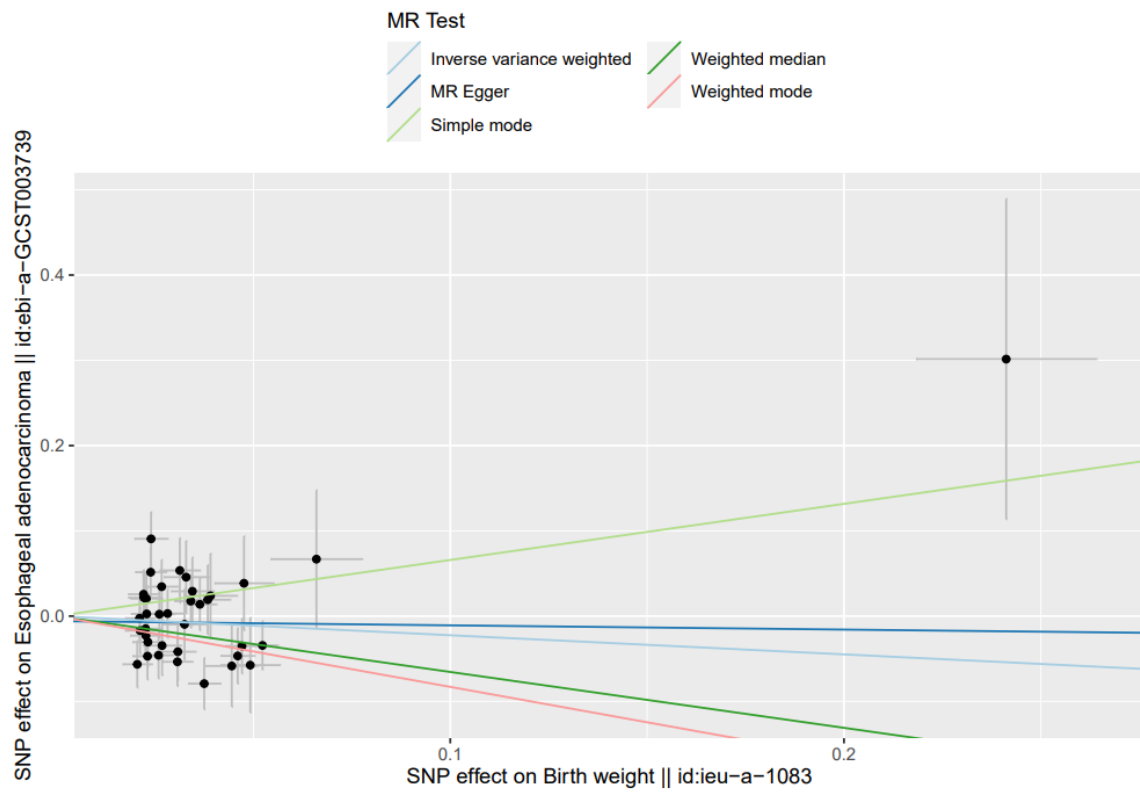


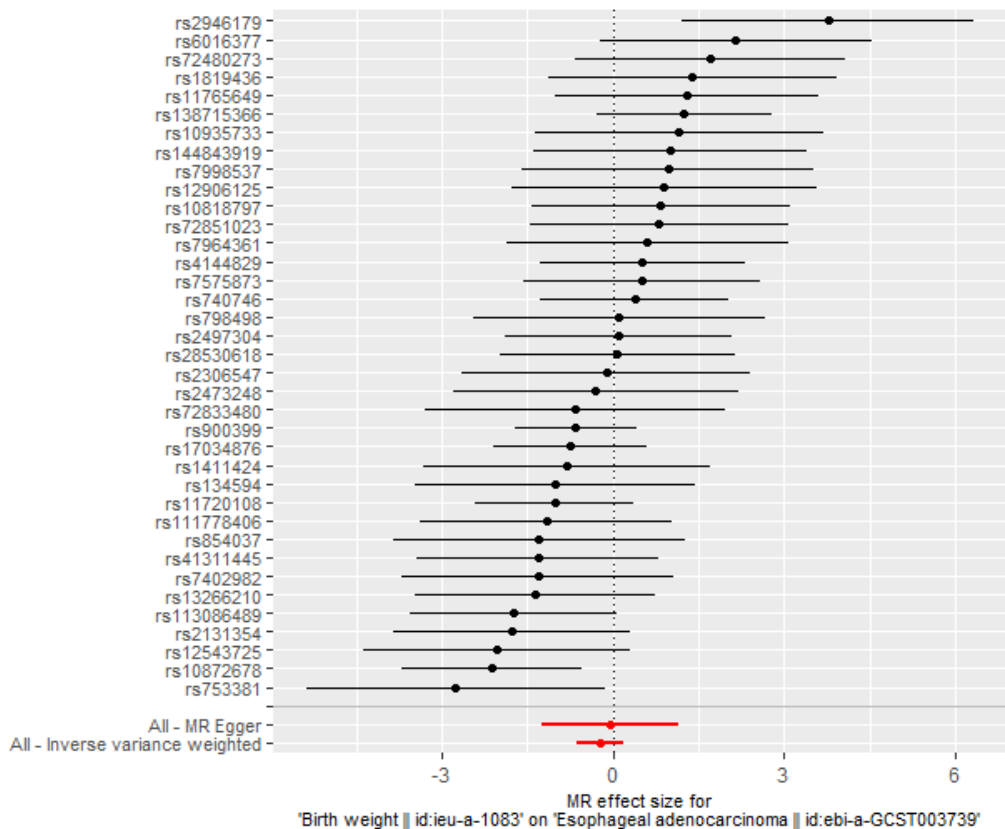
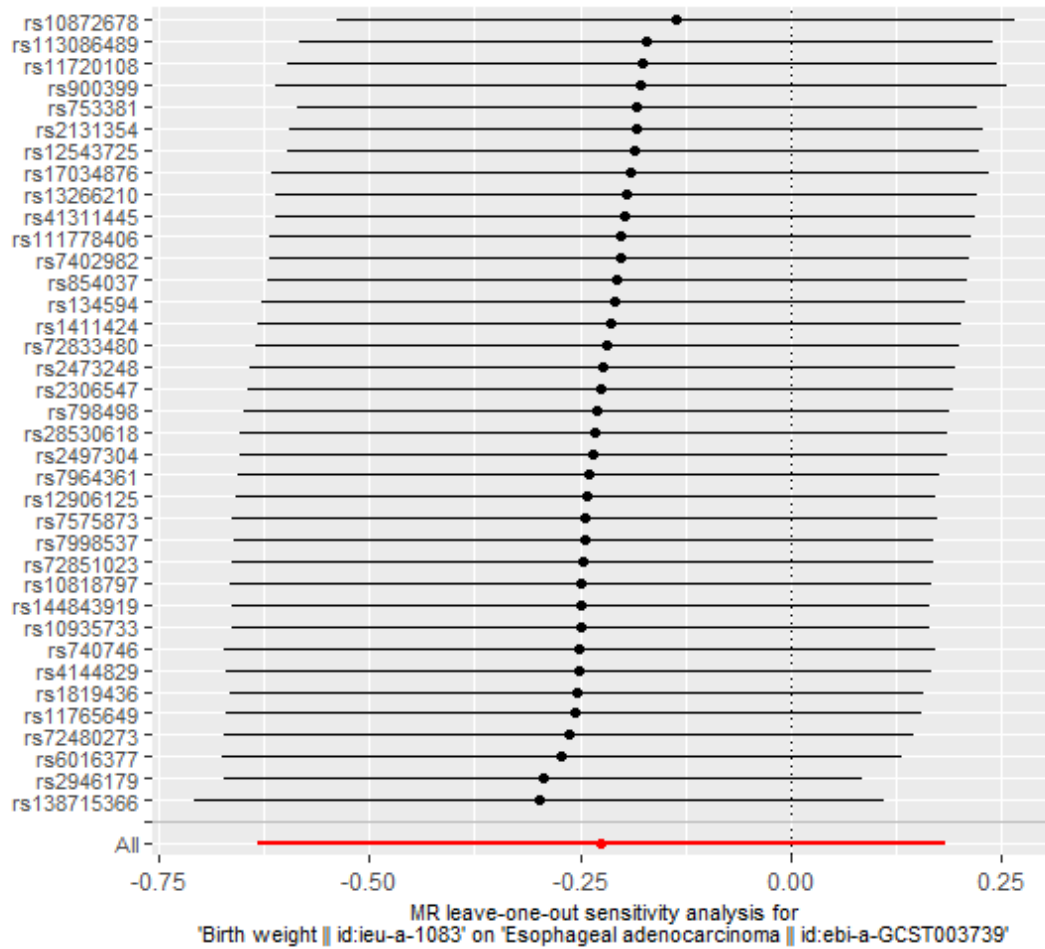
Supplementary Figure 14. Scatter plot, leave-one-out plot and forest plot for the effect of Post term birth on EA.



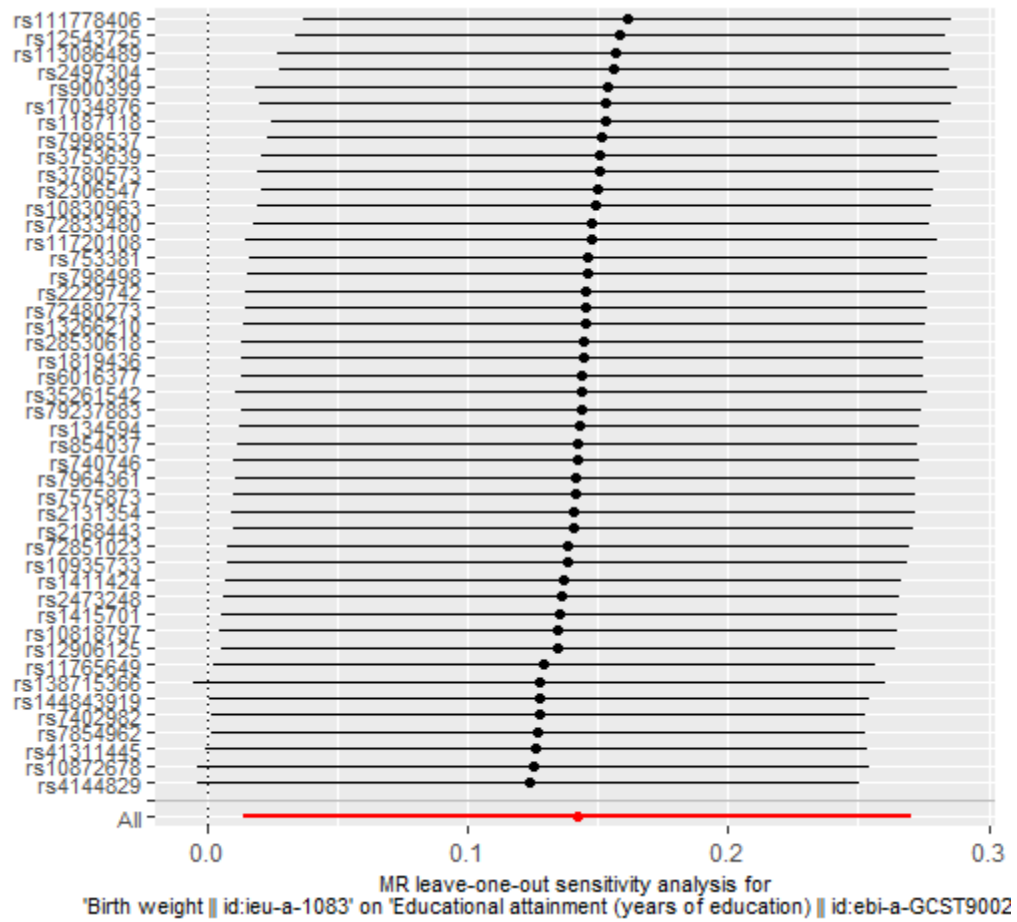
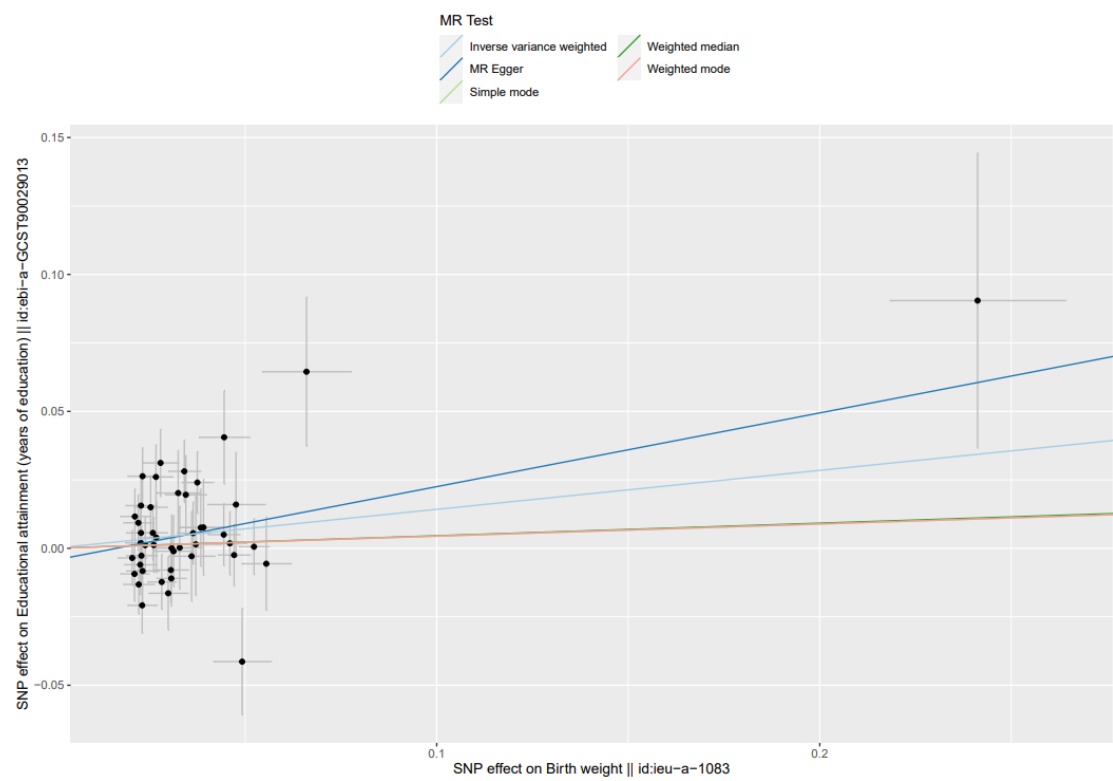


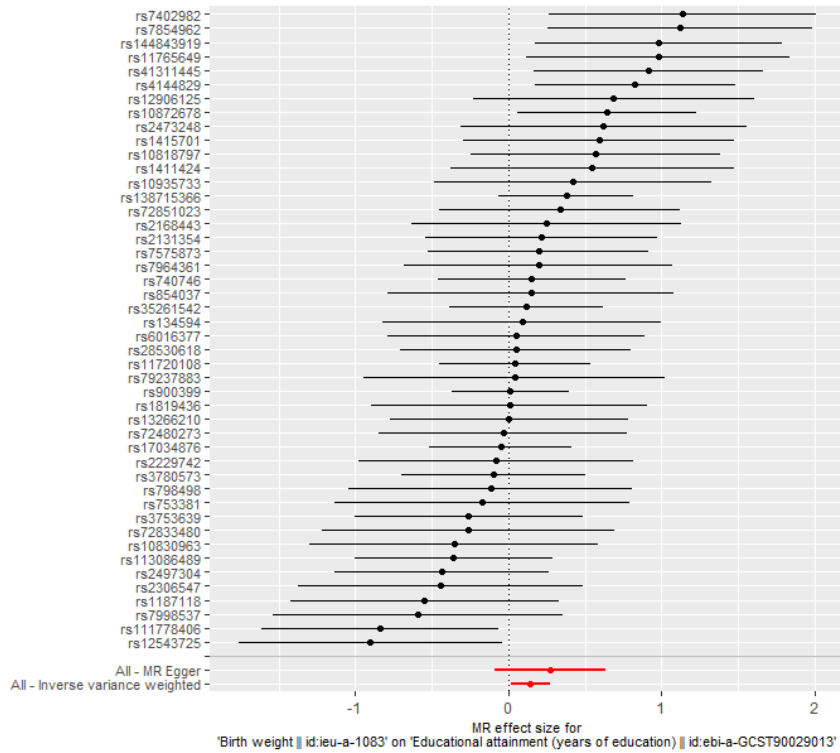
Supplementary Figure 15. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on EA.



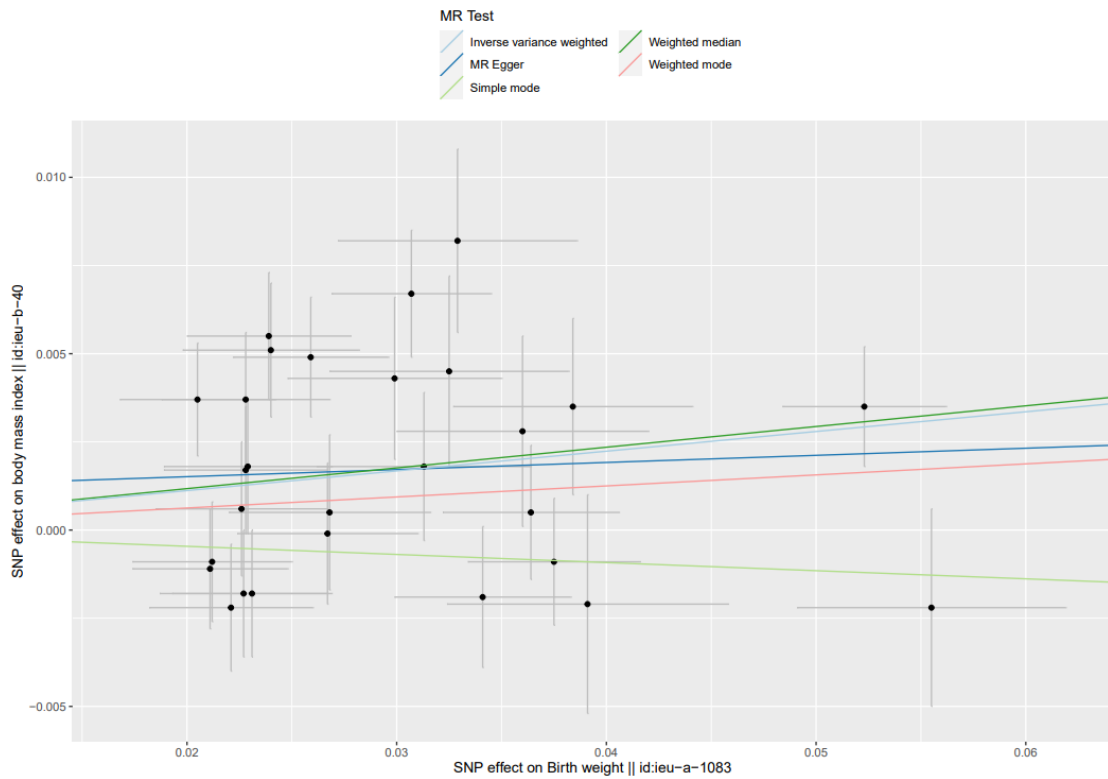


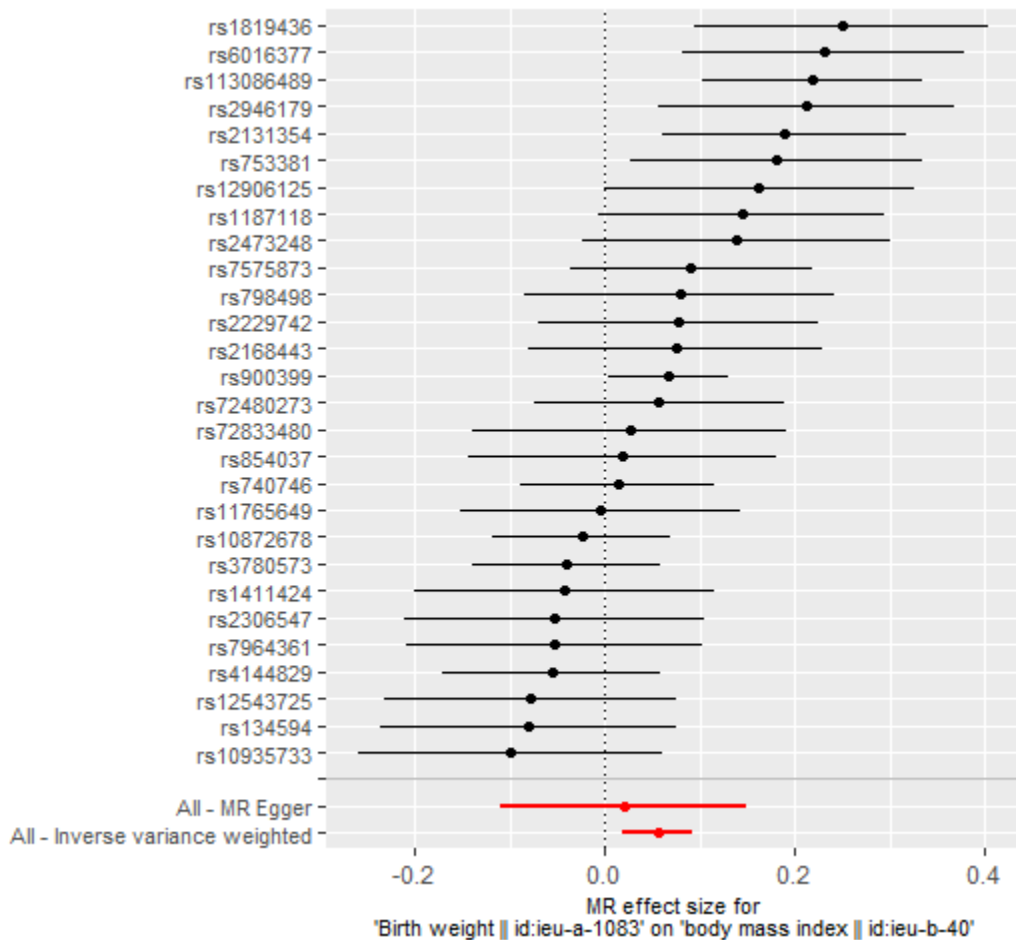
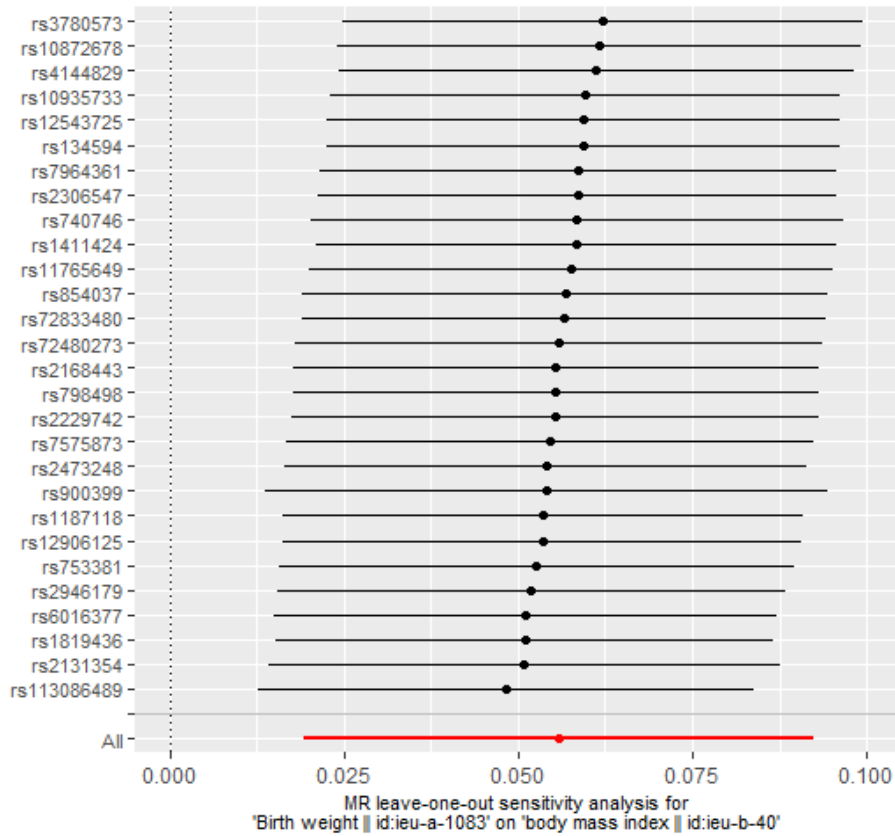
Supplementary Figure 16. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on Educational attainment (years of education).



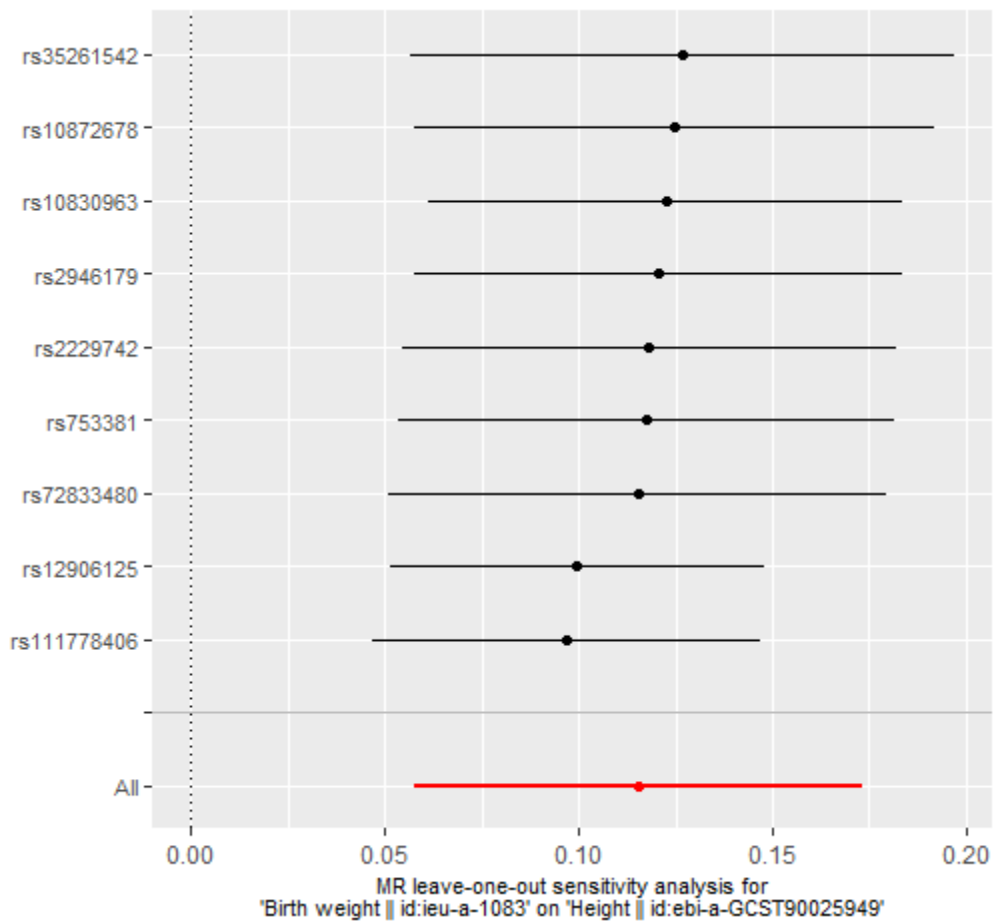
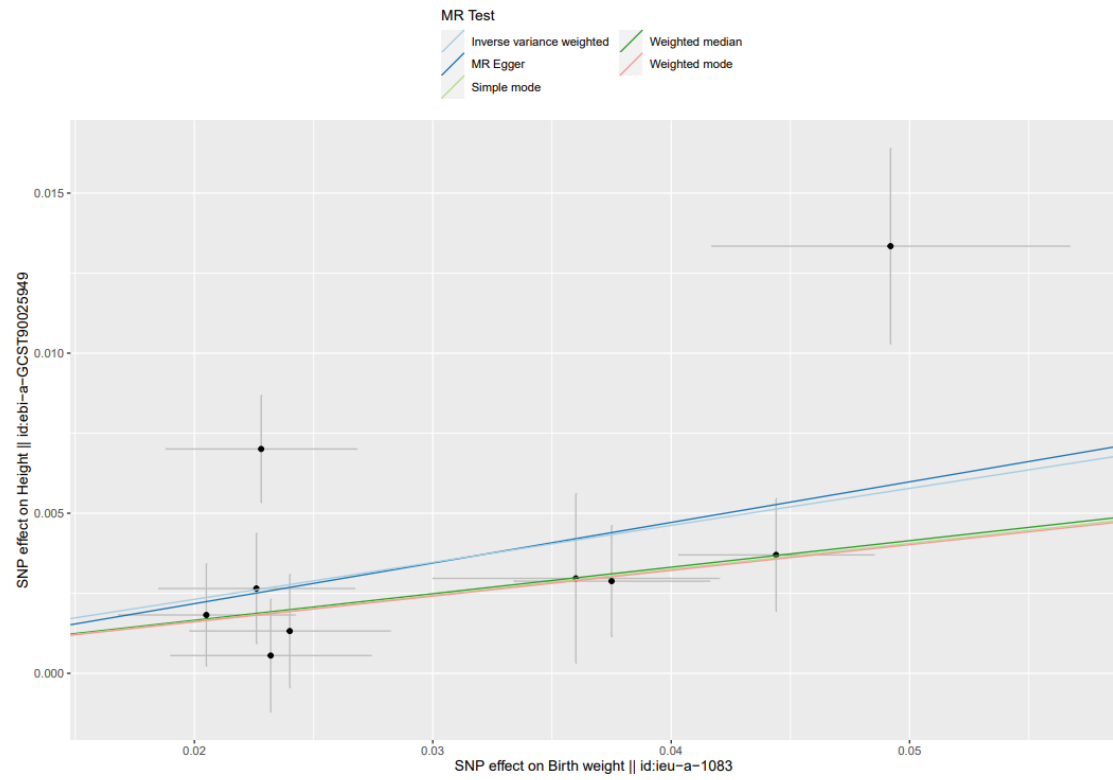


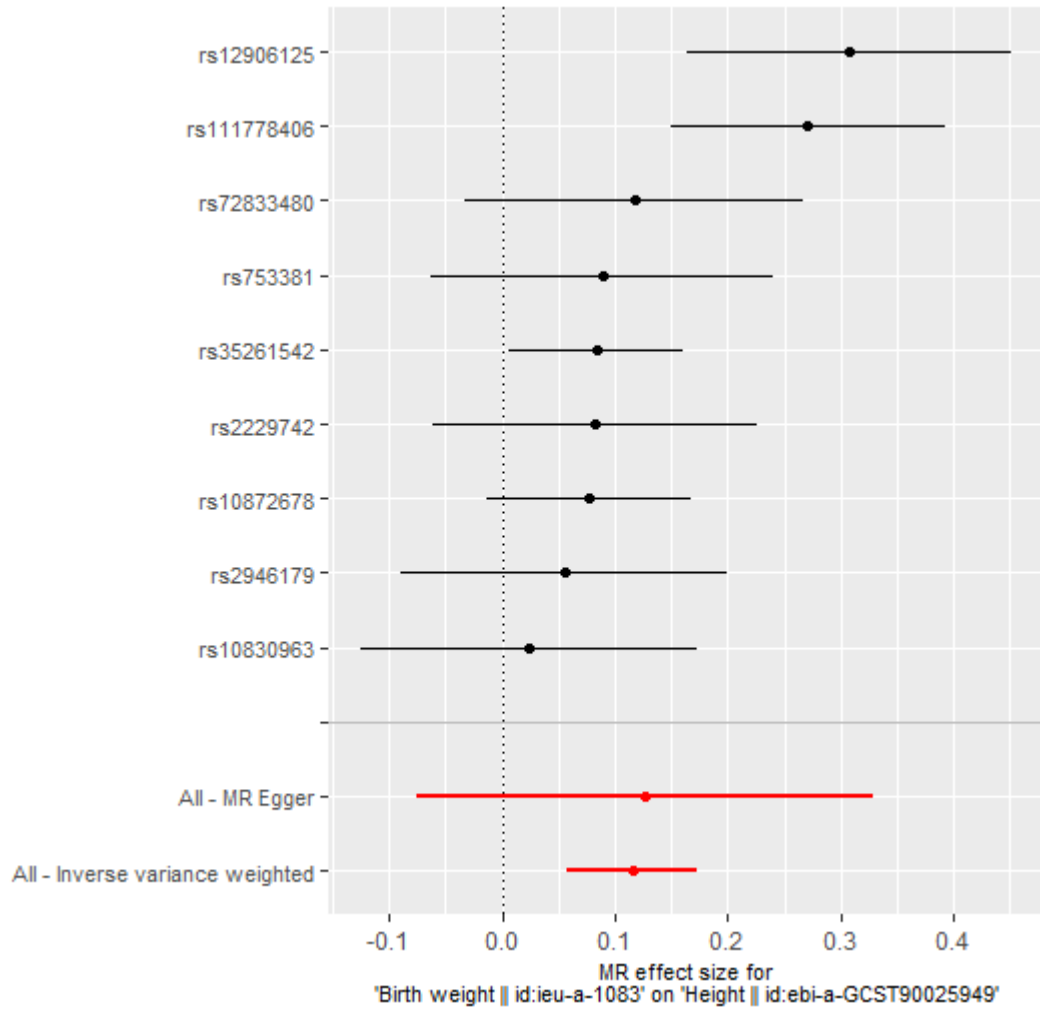
Supplementary Figure 17. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on Body mass index.



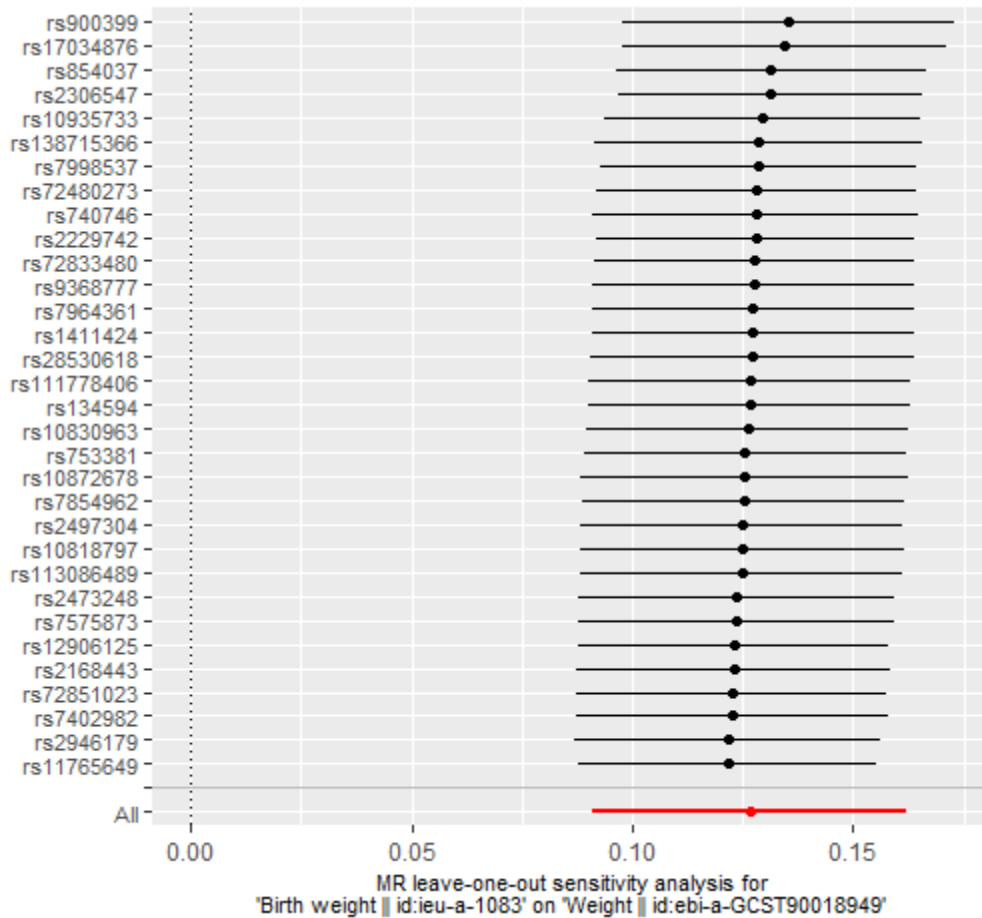
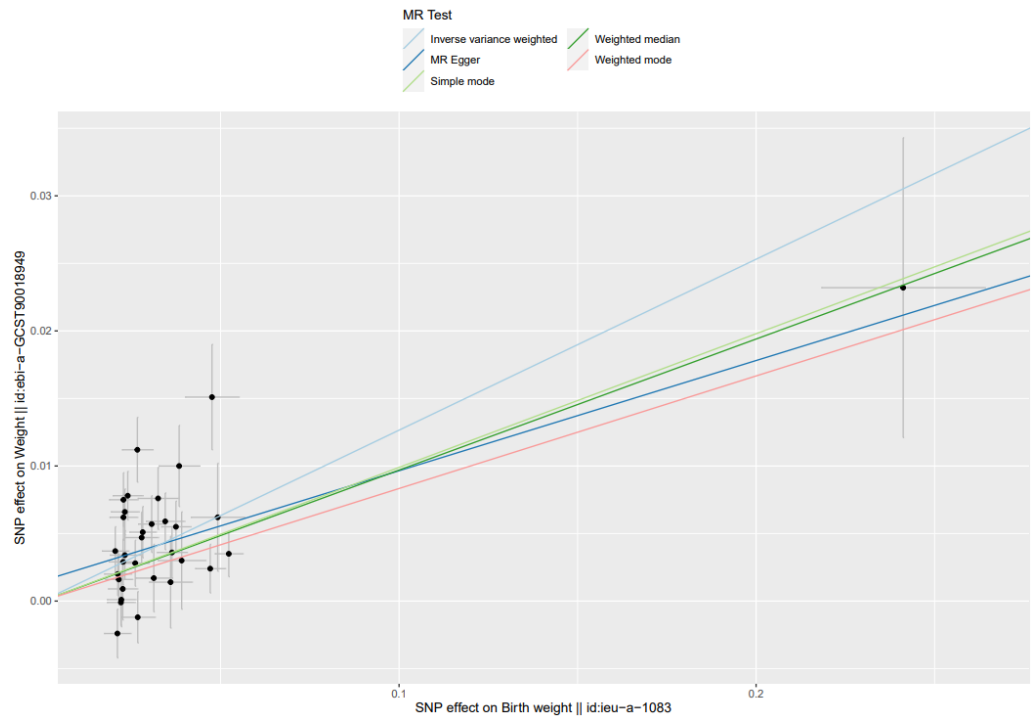


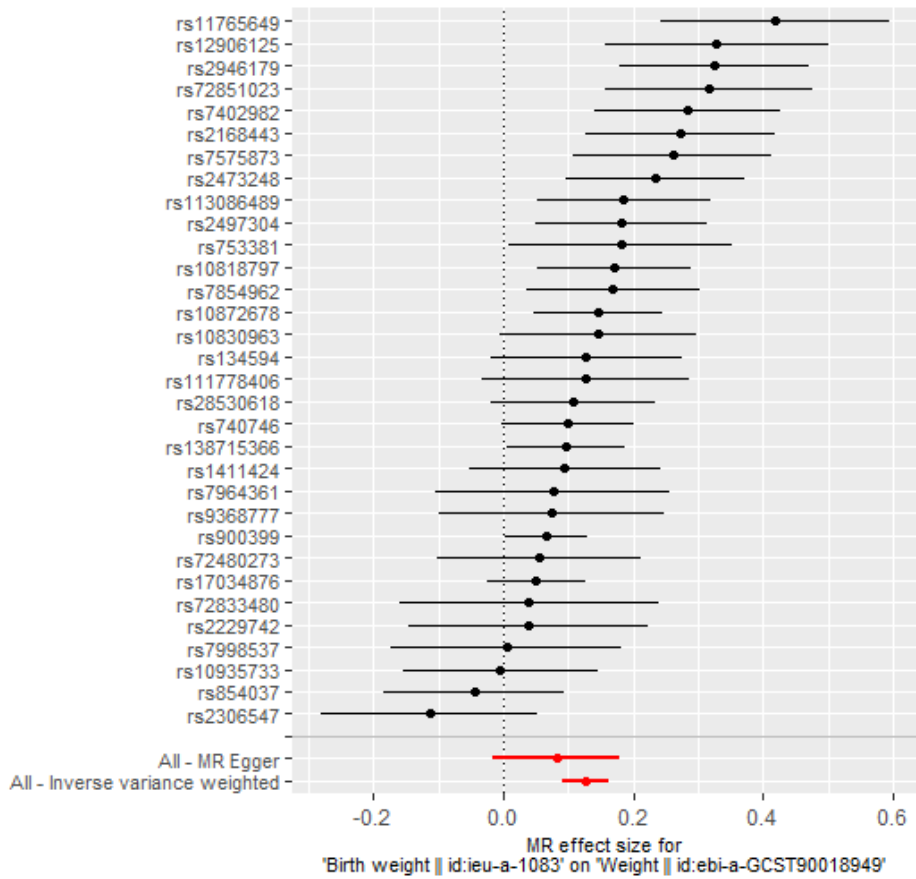
Supplementary Figure 18. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on Height.



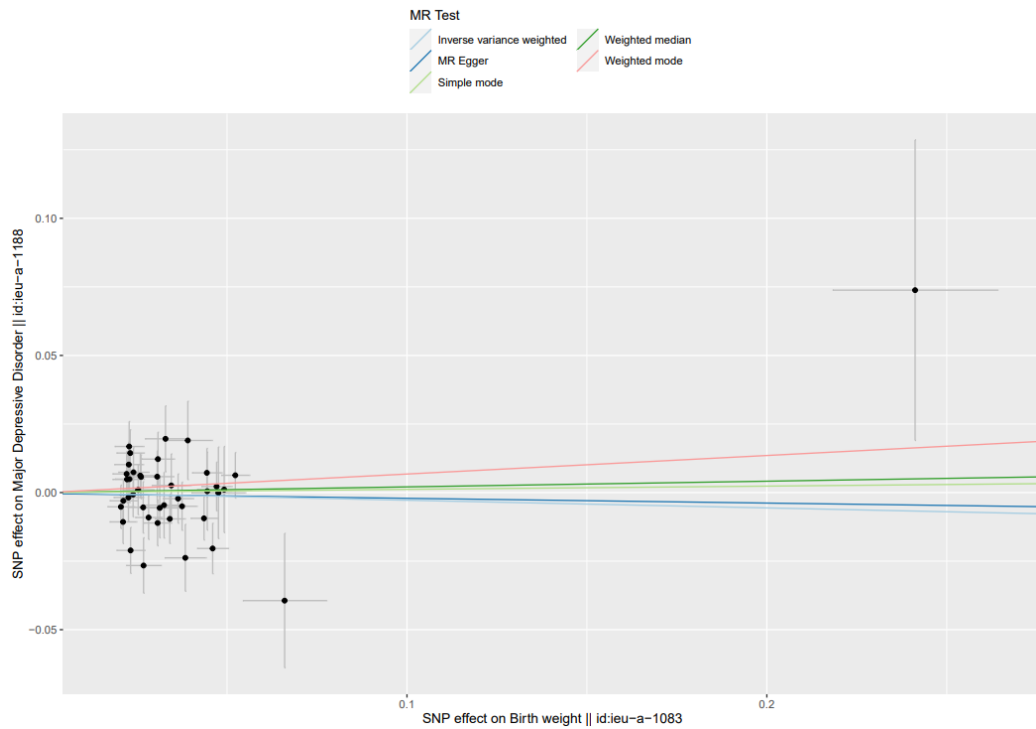


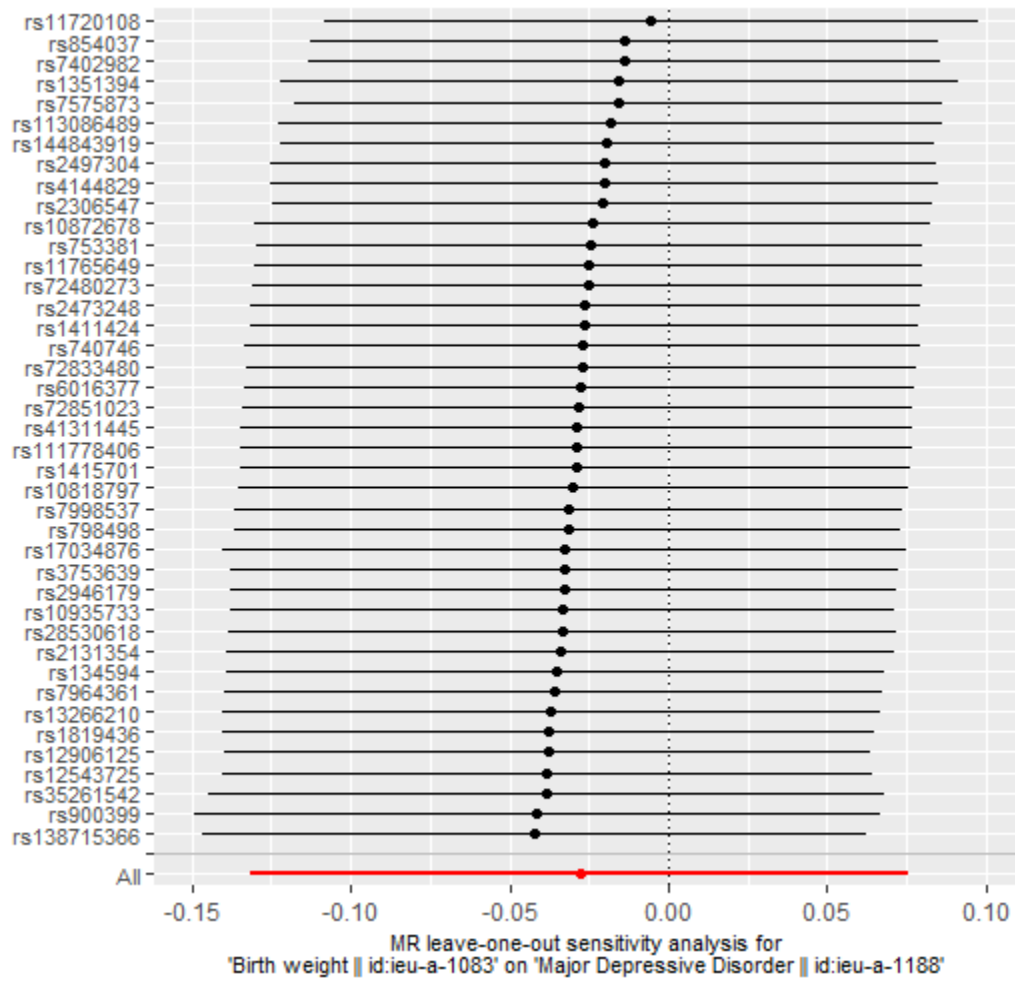
Supplementary Figure 19. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on weight.

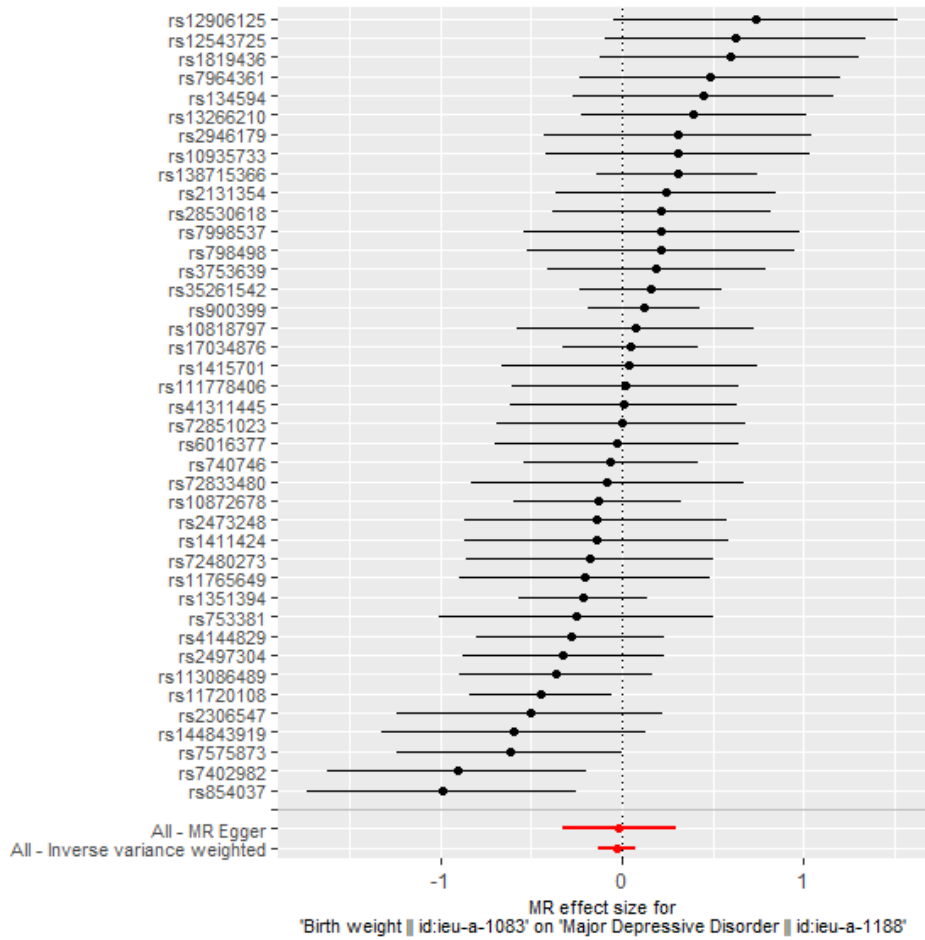




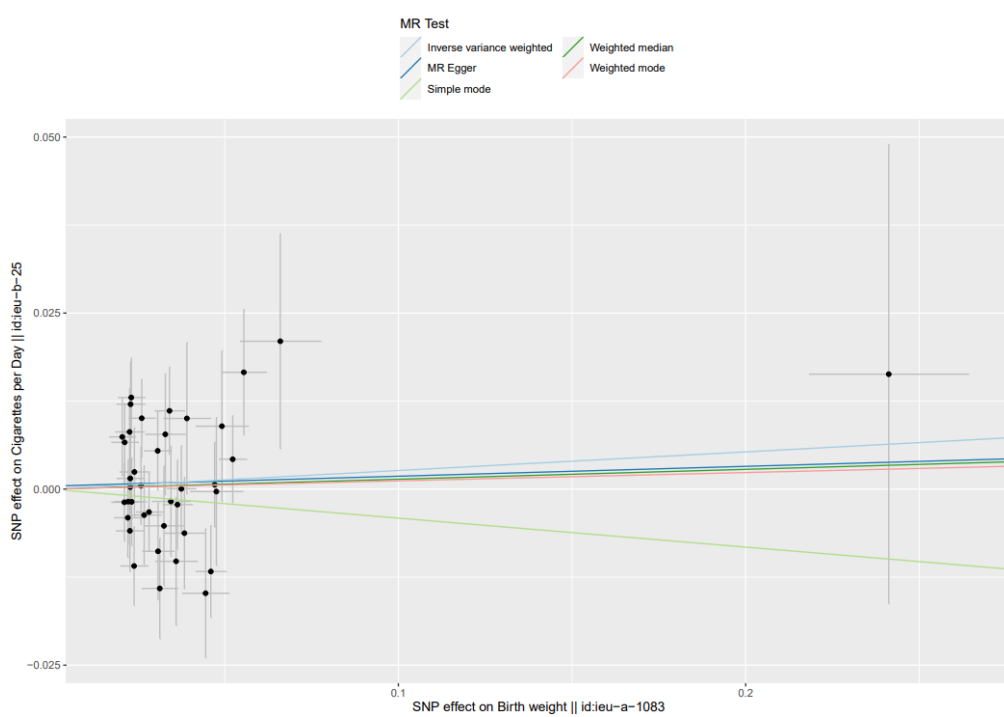
Supplementary Figure 20. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on Major Depressive Disorder.

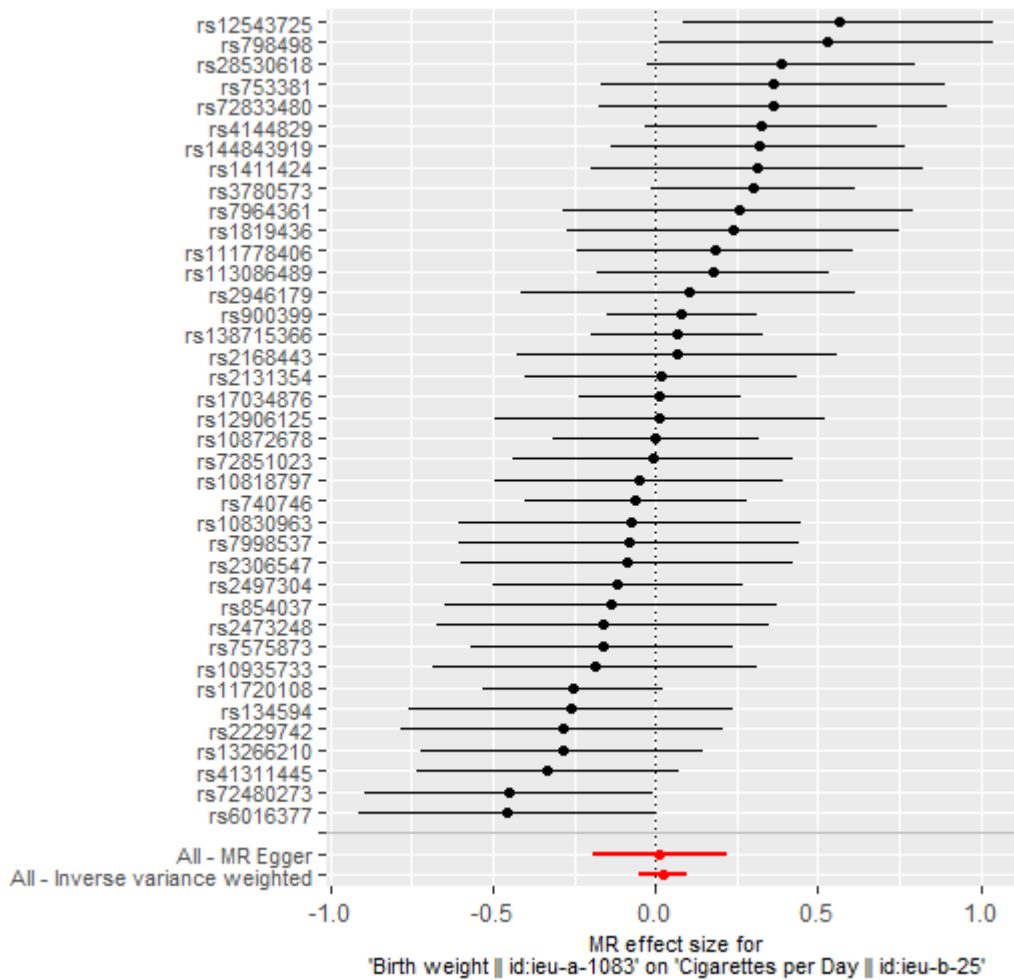
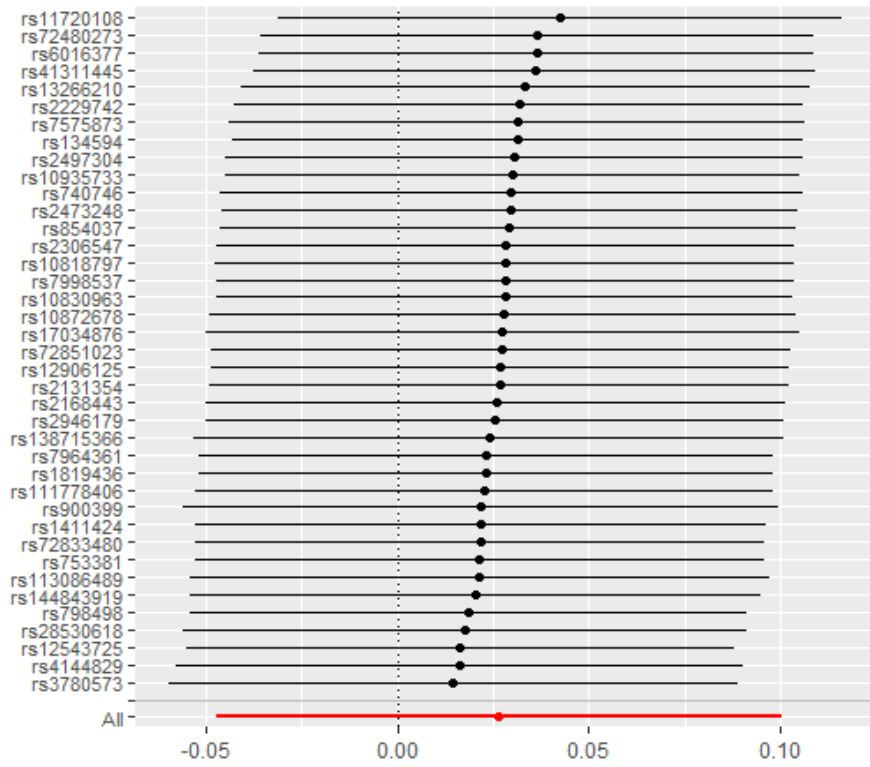




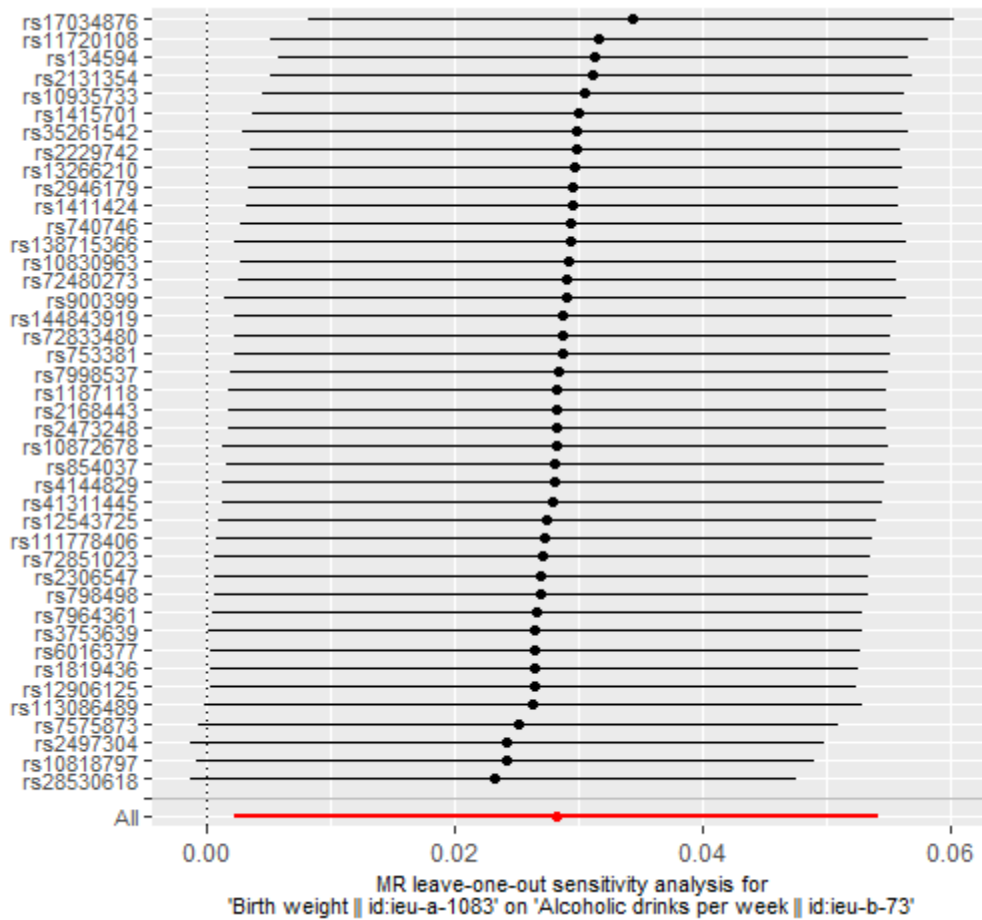
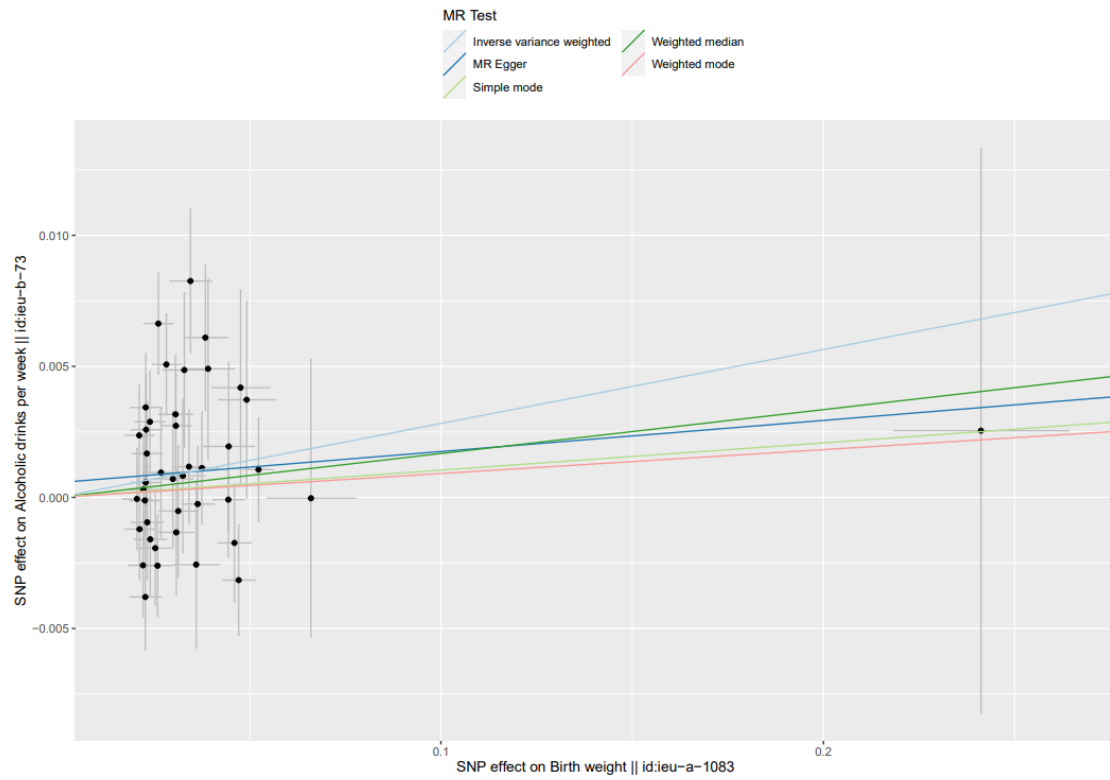


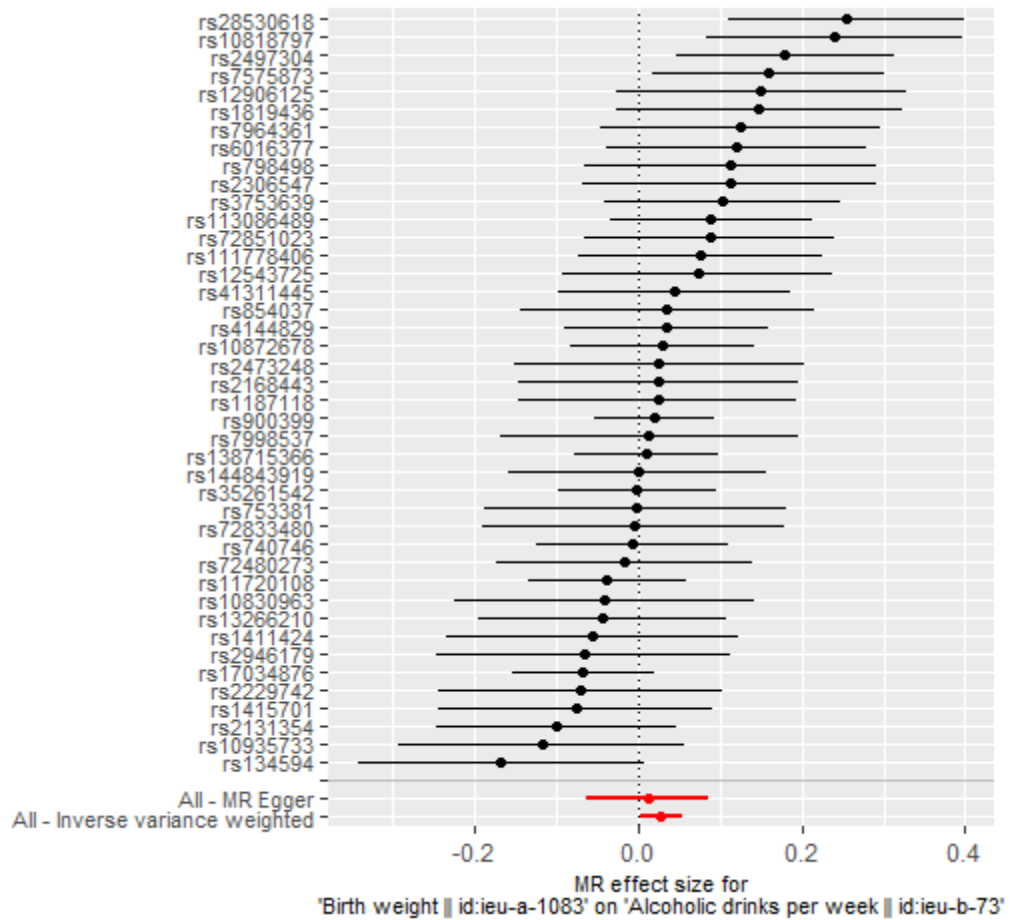
Supplementary Figure 21. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on Cigarettes smoked per day.



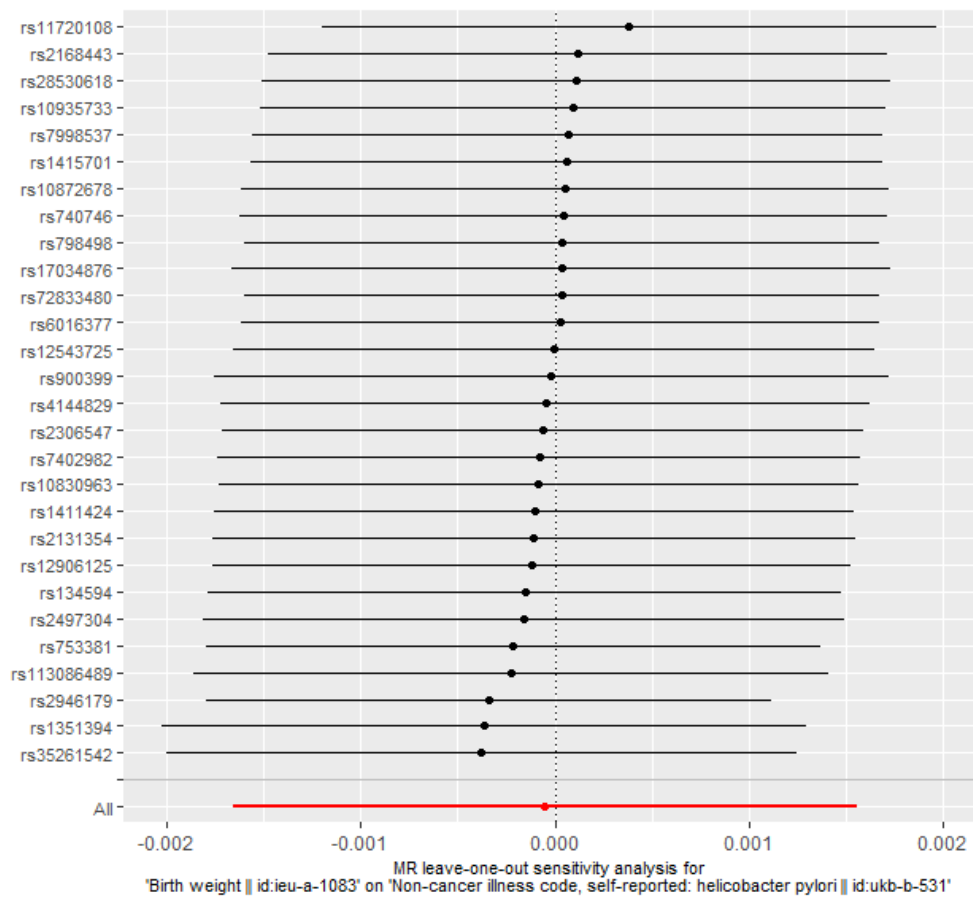
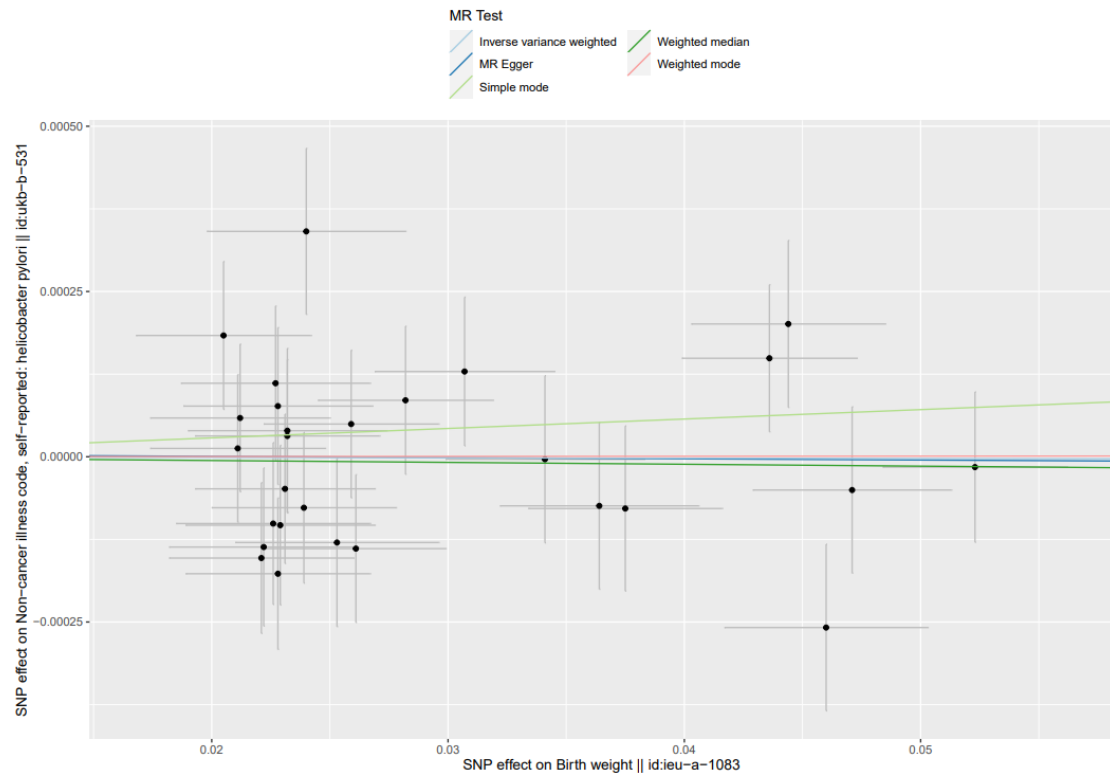


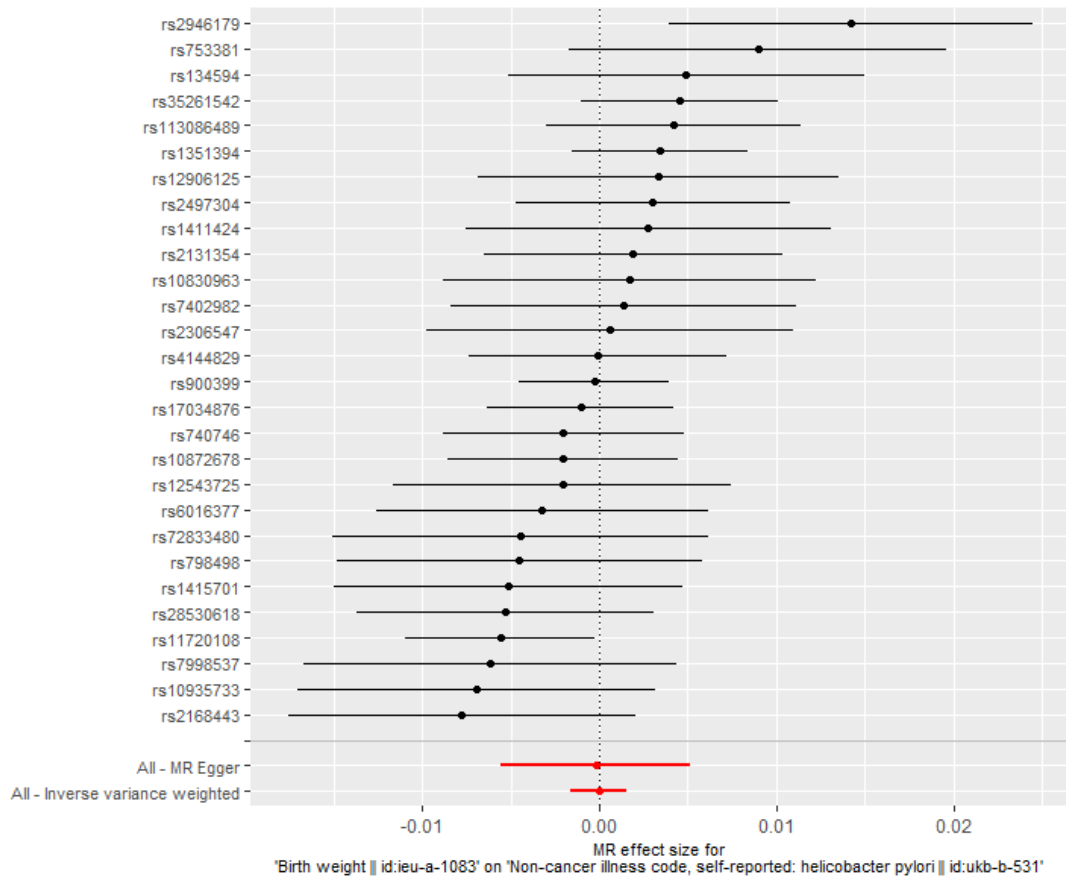
Supplementary Figure 22. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on Alcoholic drinks per week.



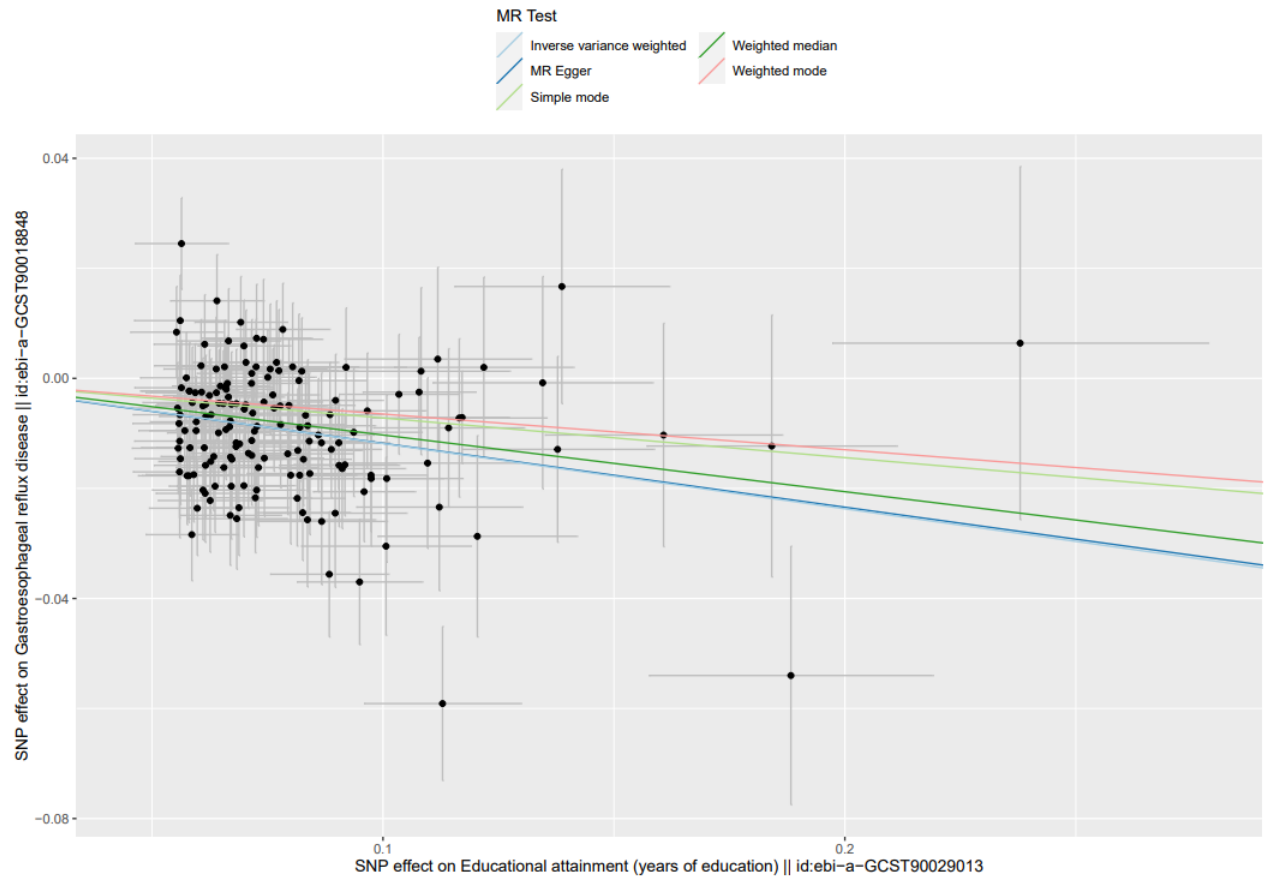


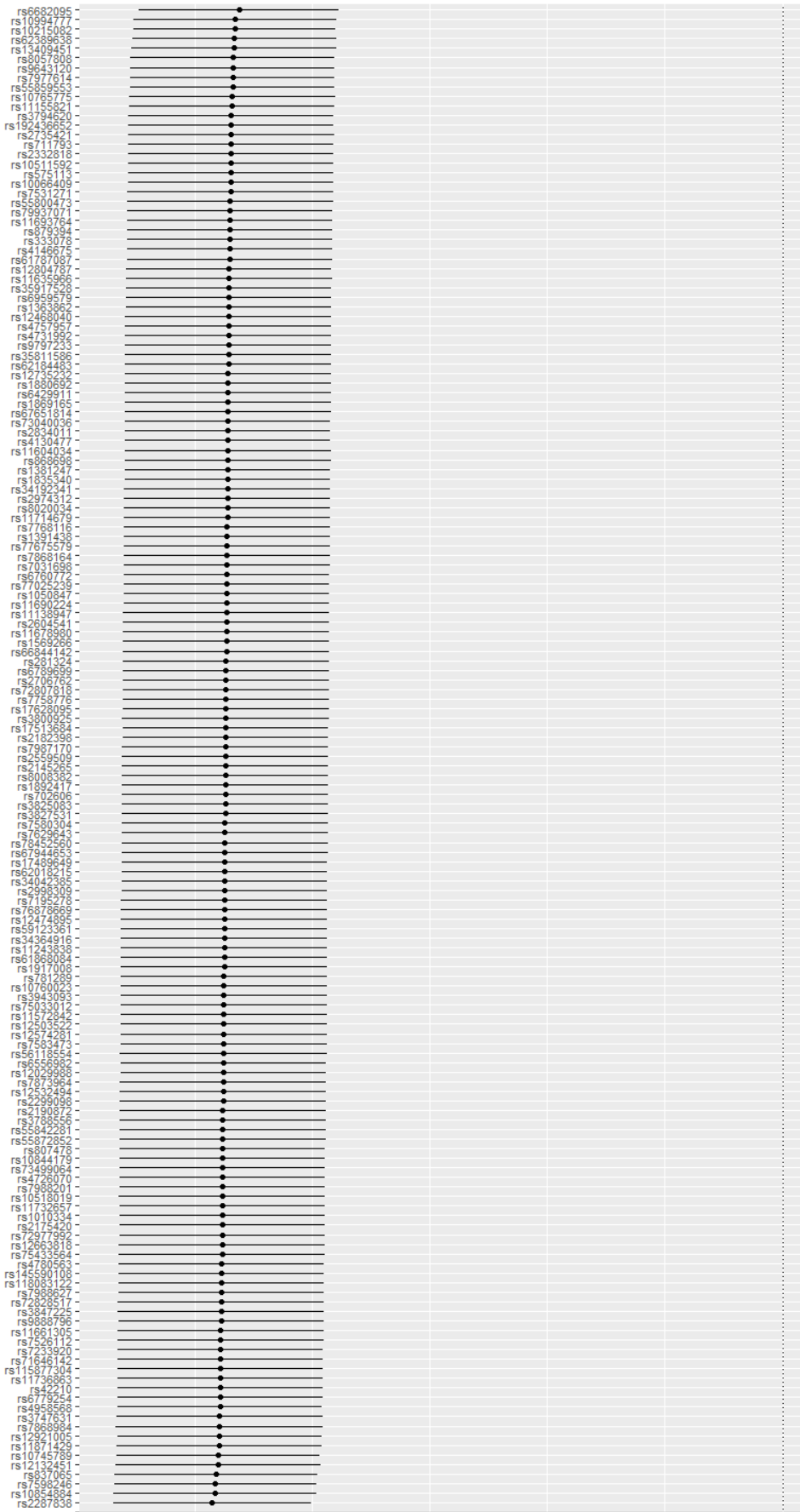
Supplementary Figure 23. Scatter plot, leave-one-out plot and forest plot for the effect of Birth Weight on *Helicobacter pylori*.



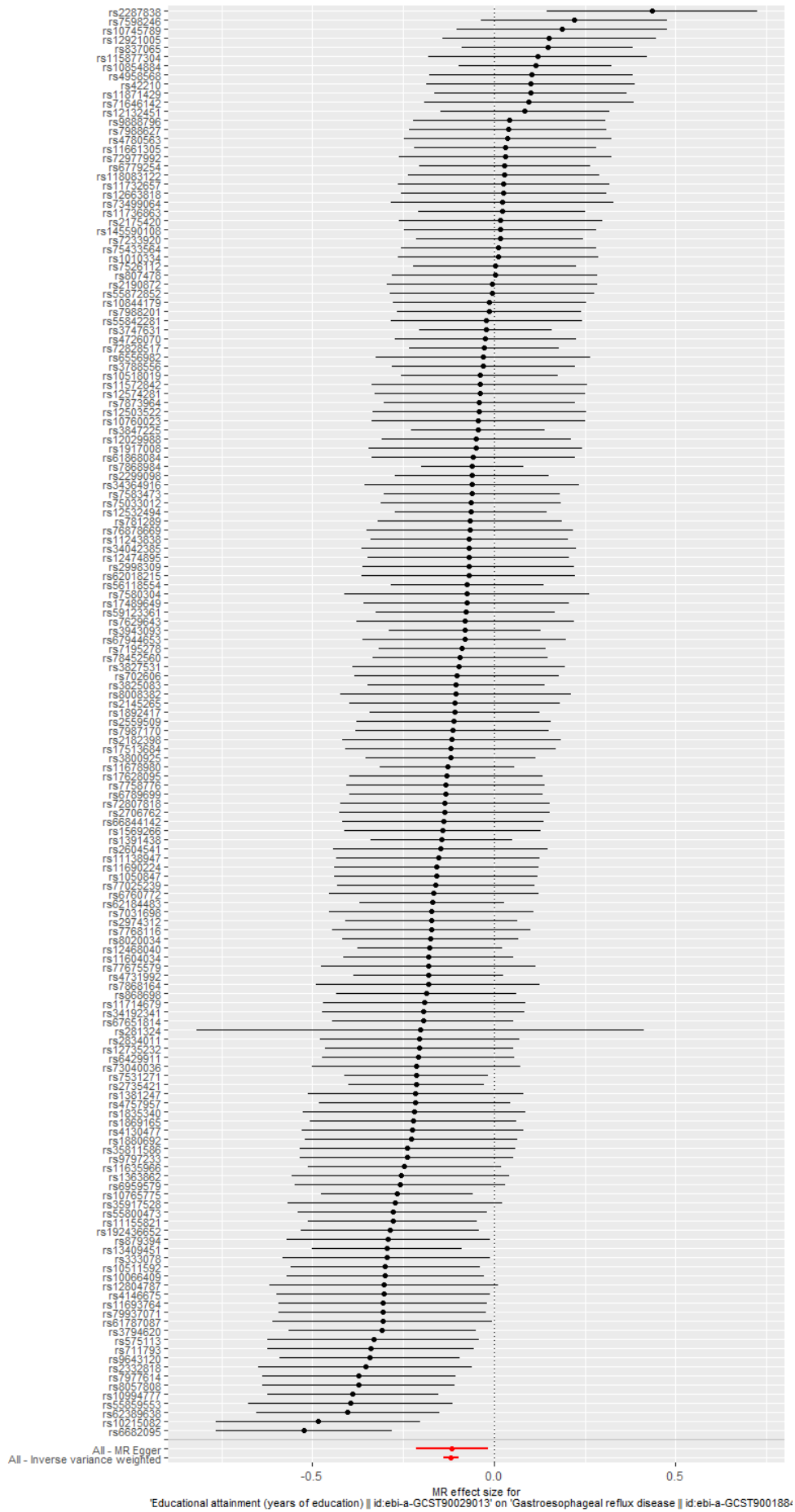


Supplementary Figure 24. Scatter plot, leave-one-out plot and forest plot for the effect of Educational attainment (years of education) on GERD.

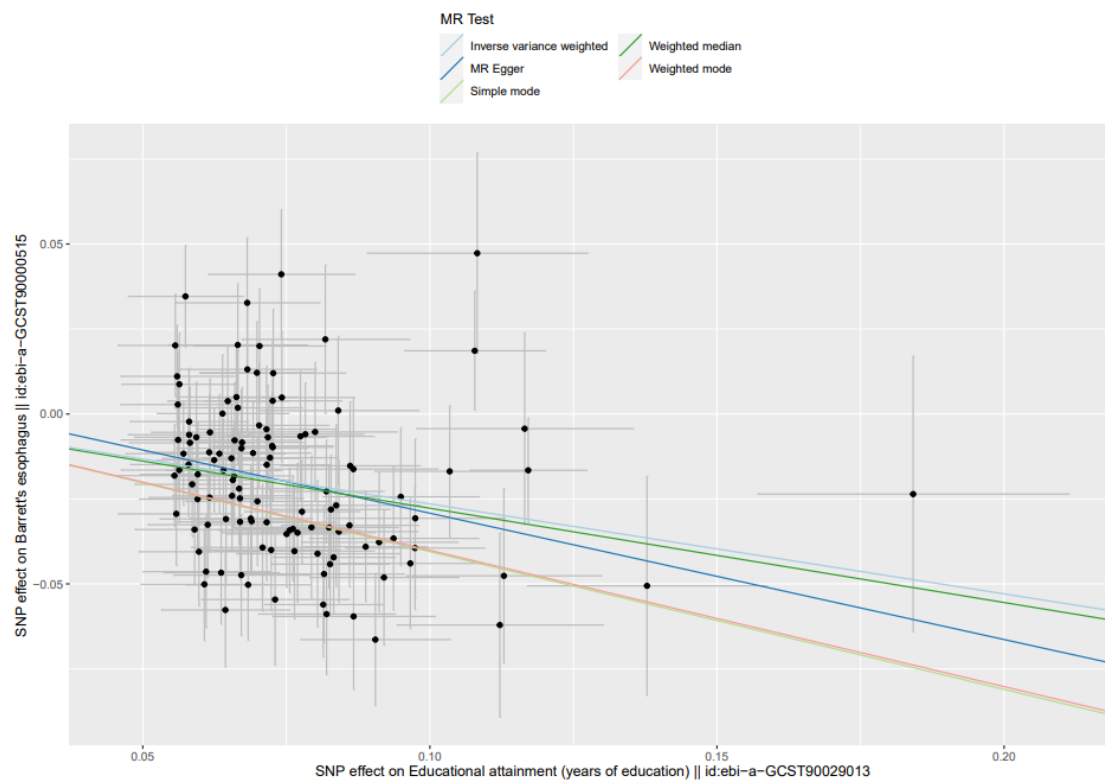


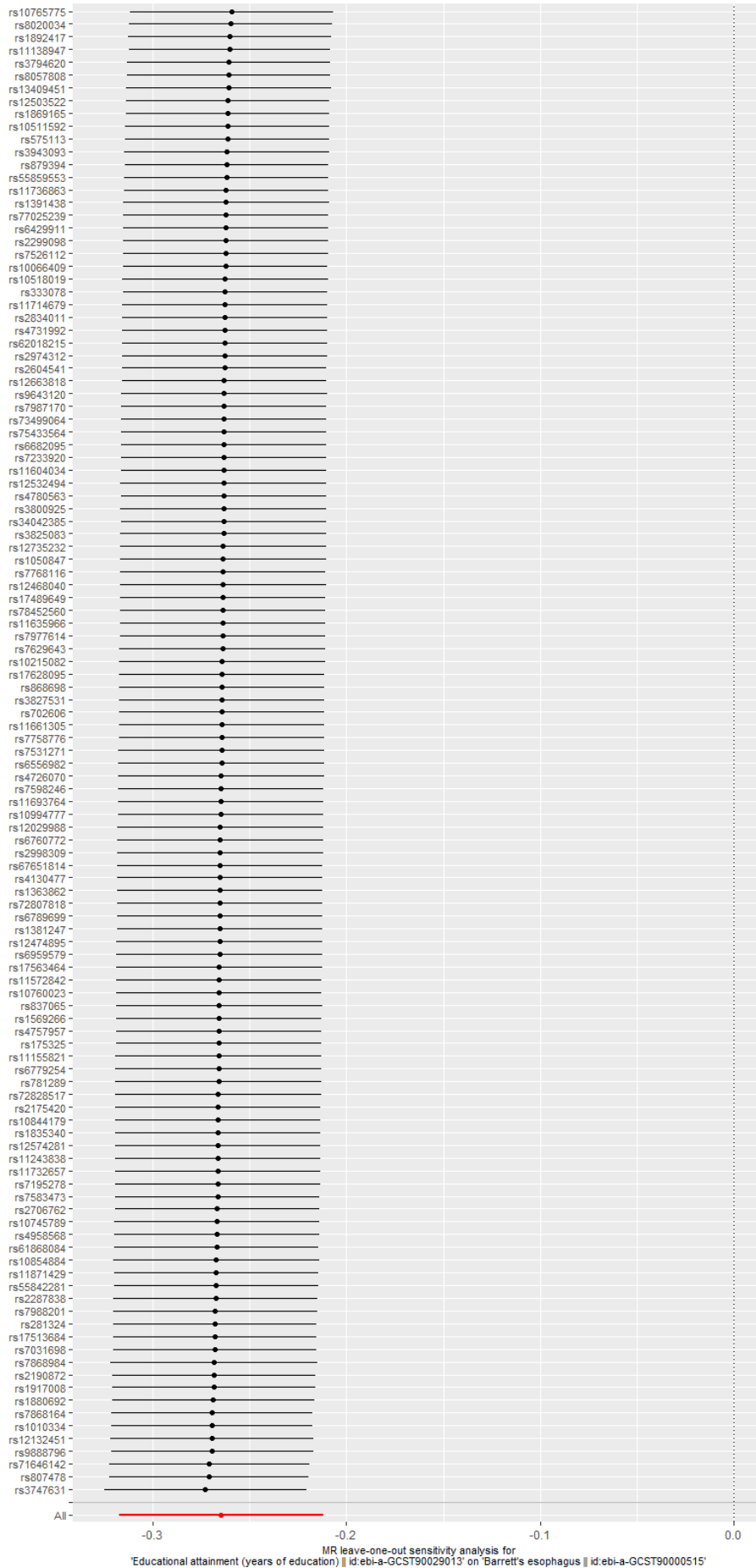


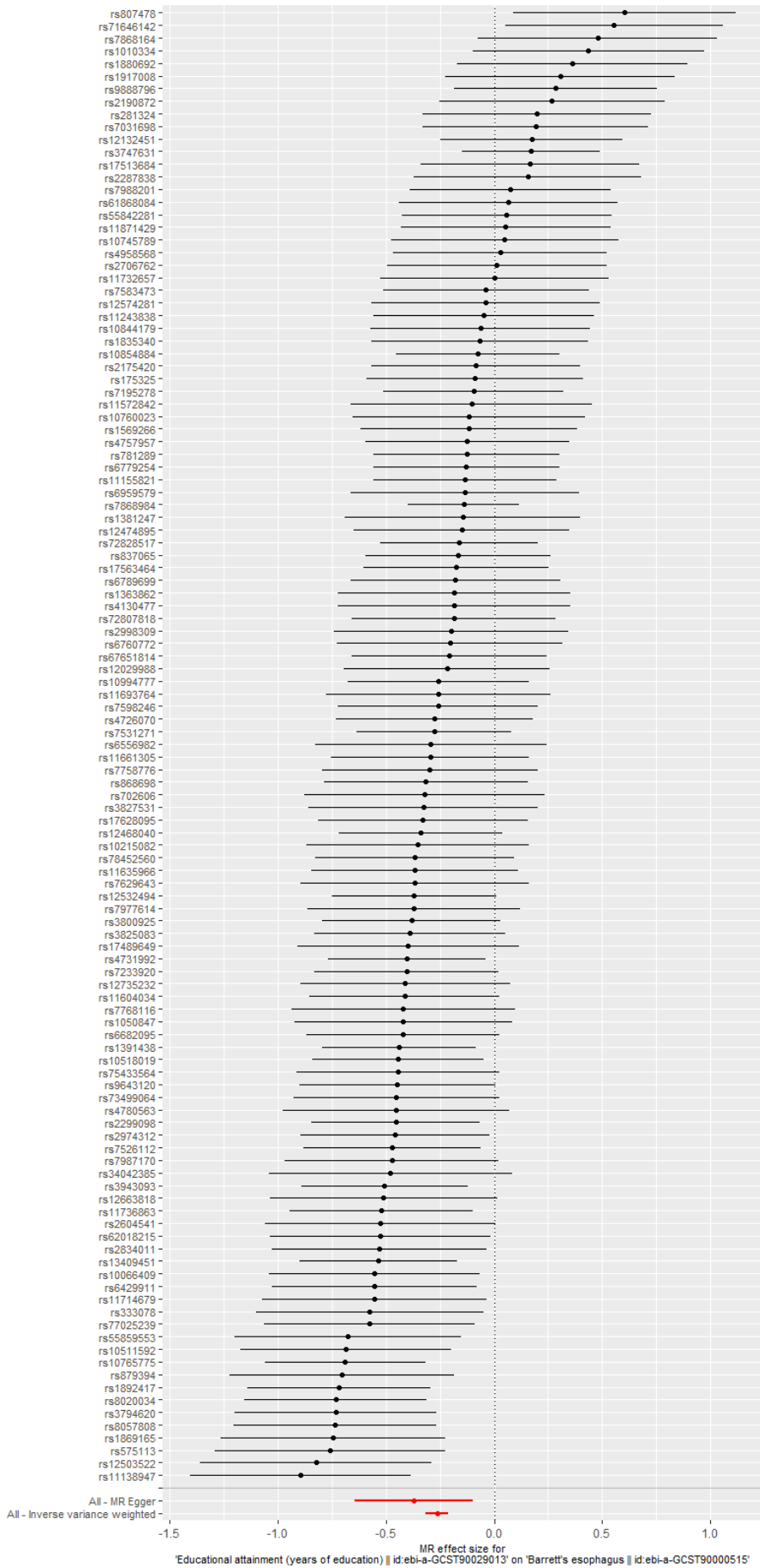
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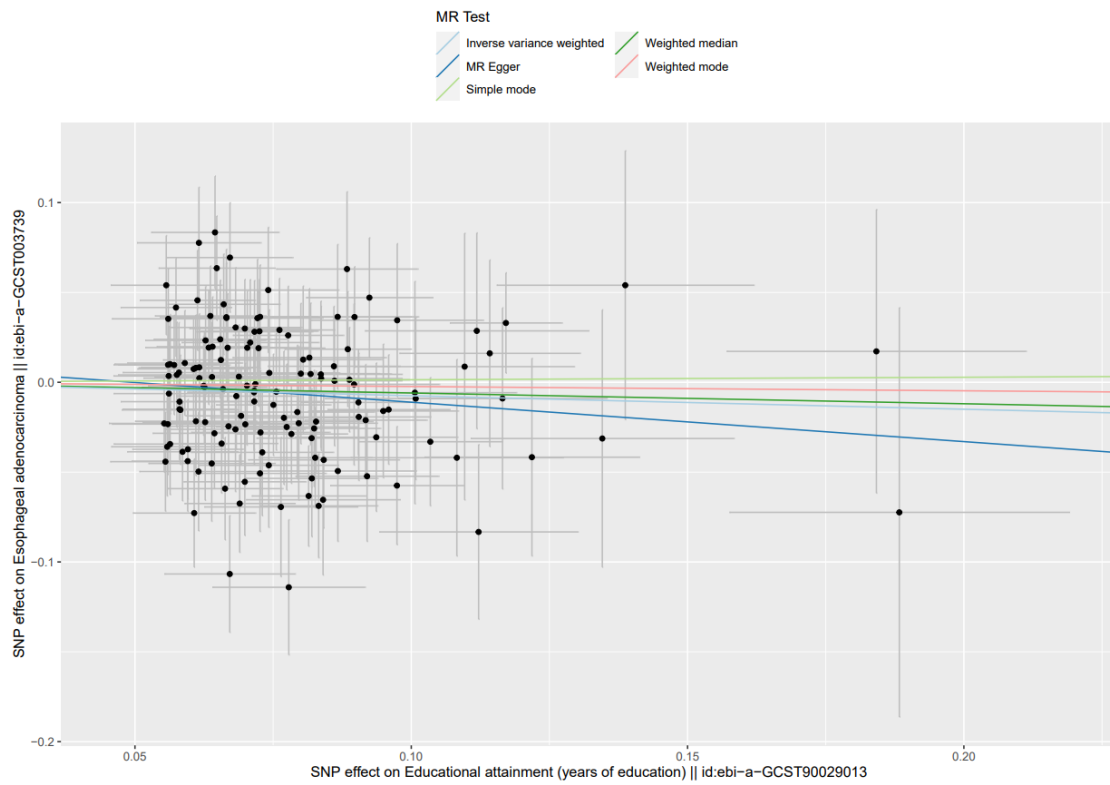
Supplementary Figure 25. Scatter plot, leave-one-out plot and forest plot for the effect of Educational attainment (years of education) on BE.

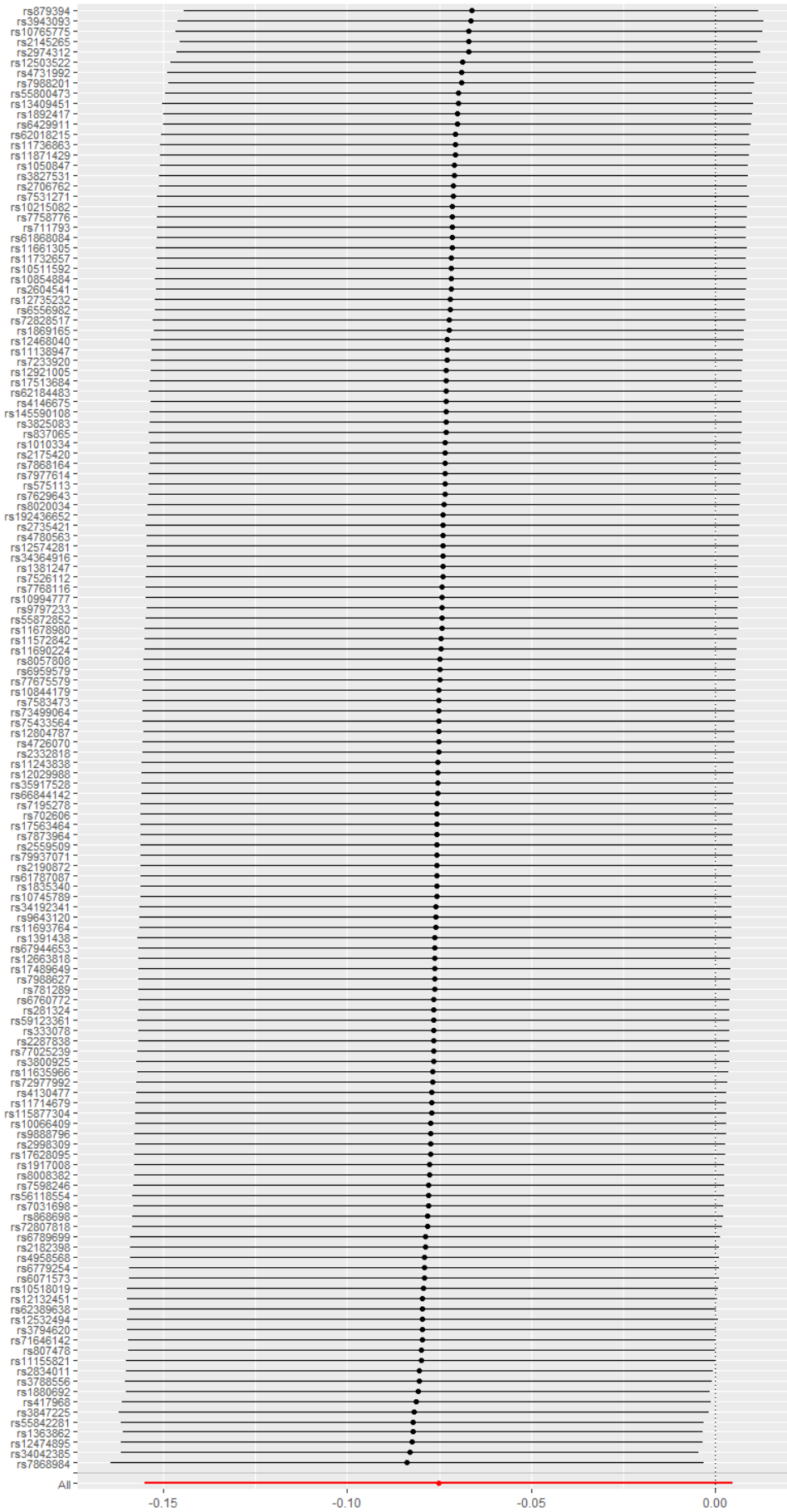


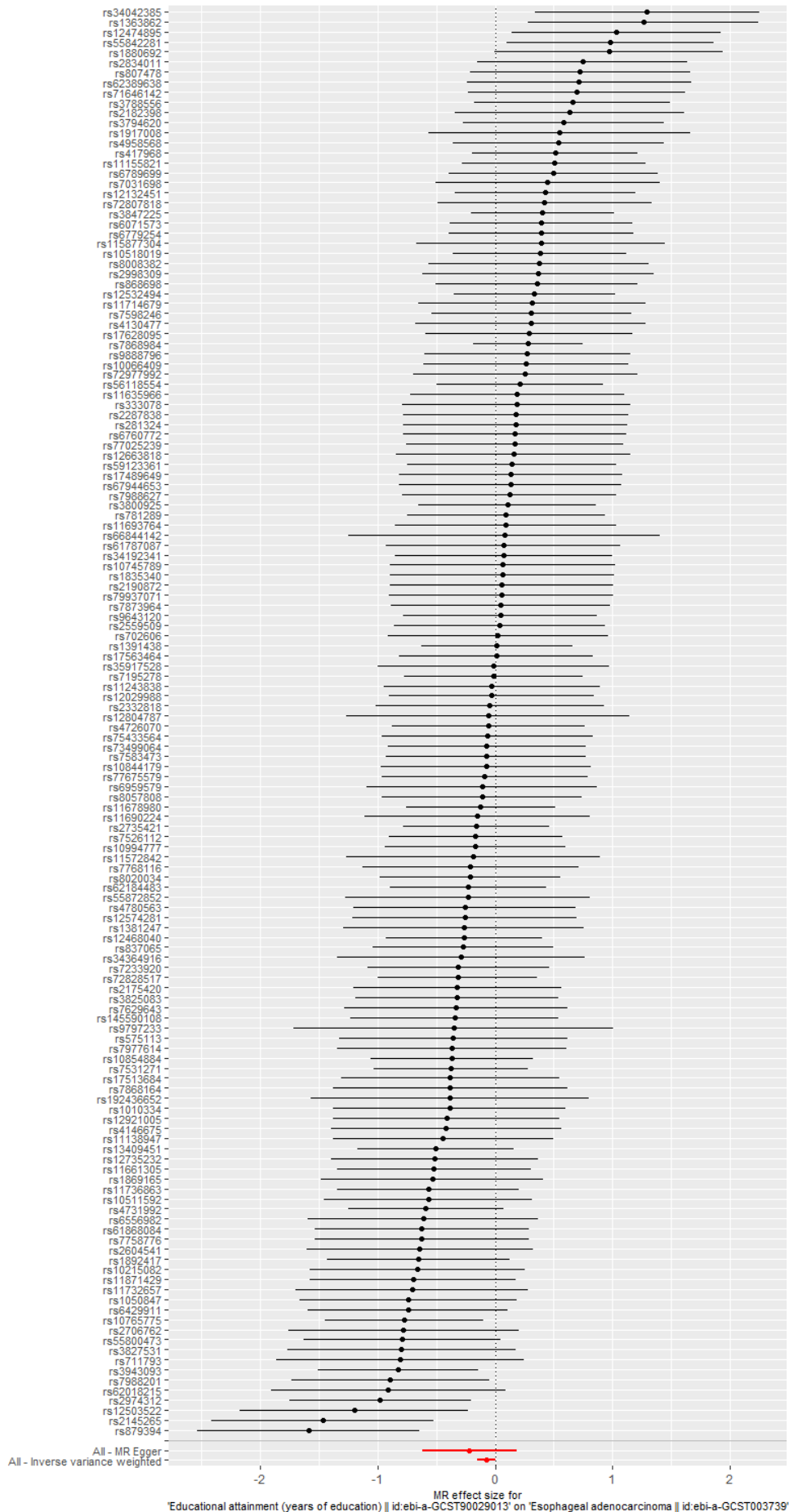




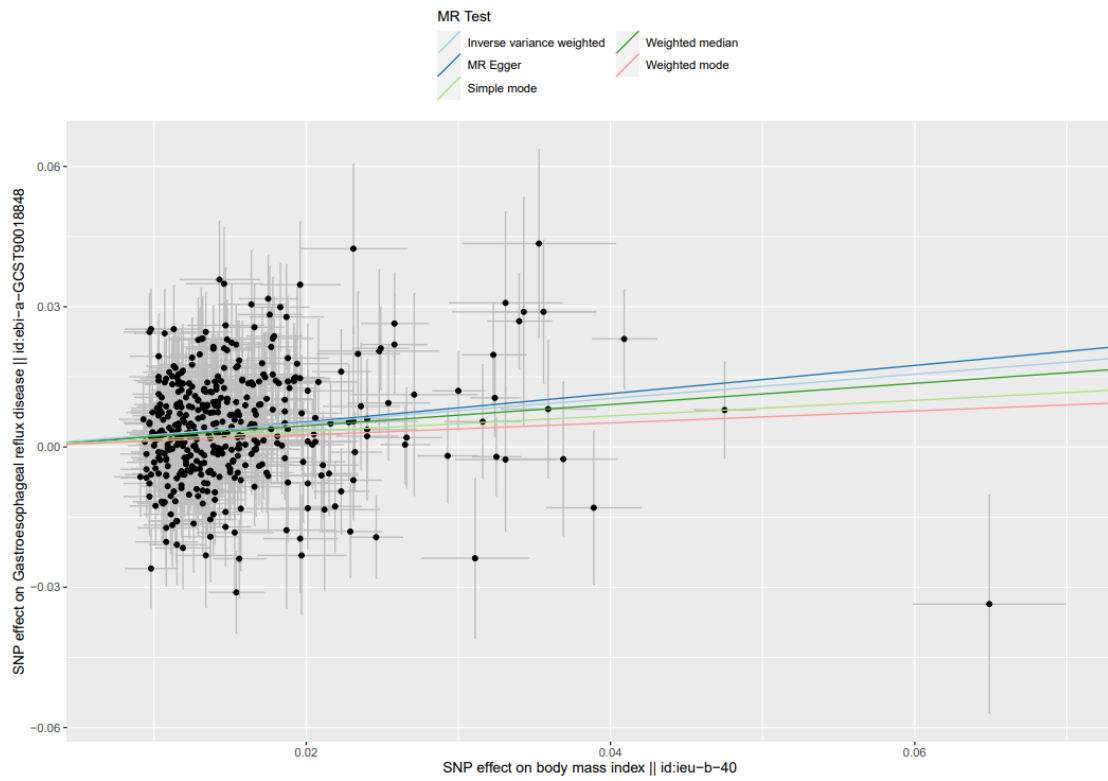
Supplementary Figure 26. Scatter plot, leave-one-out plot and forest plot for the effect of Educational attainment (years of education) on EA.

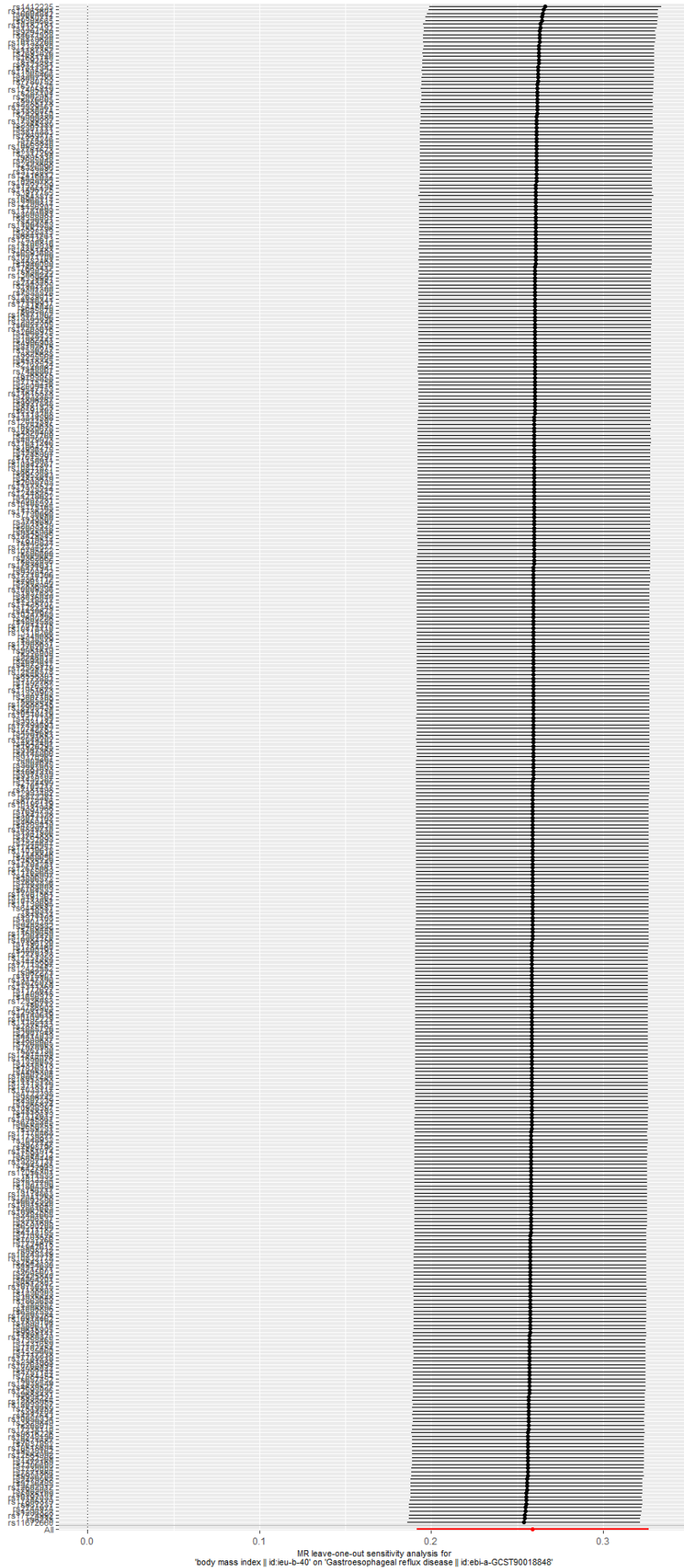


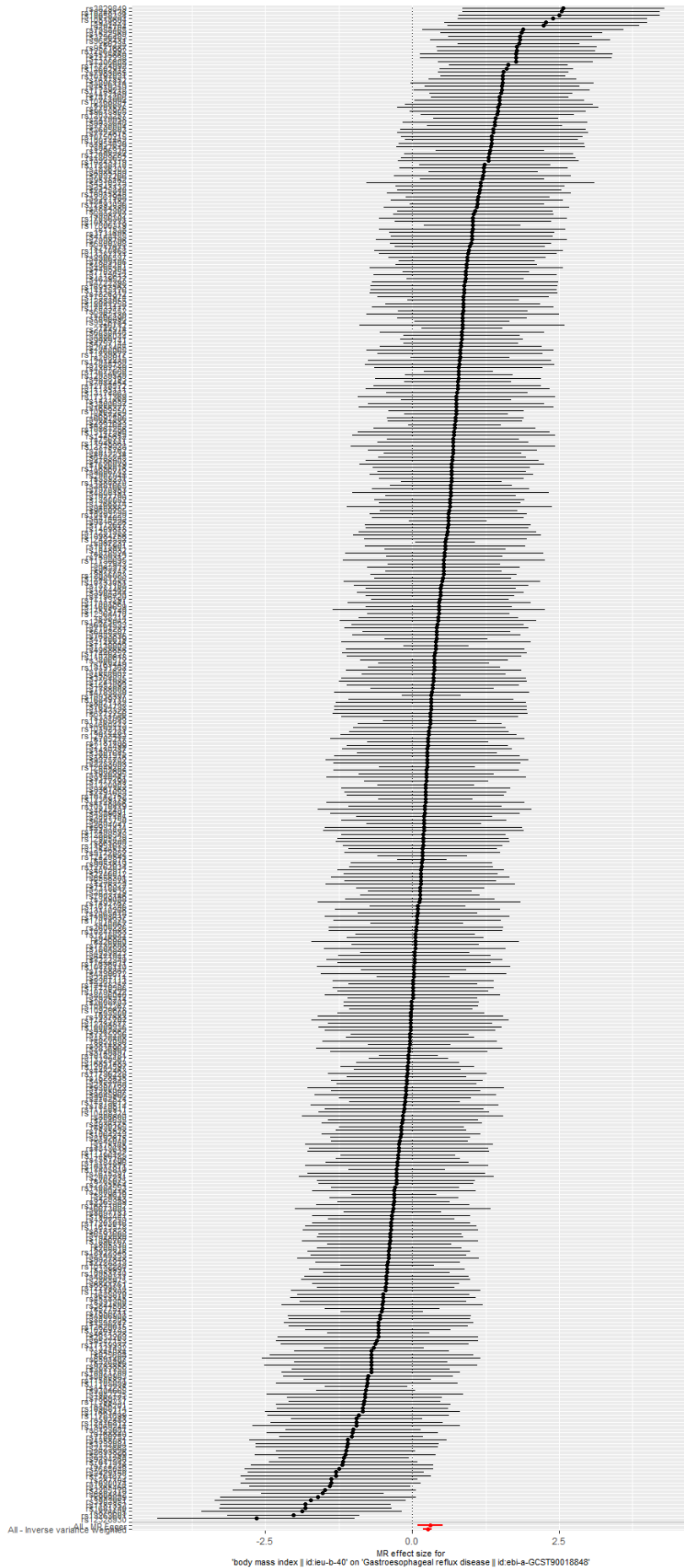




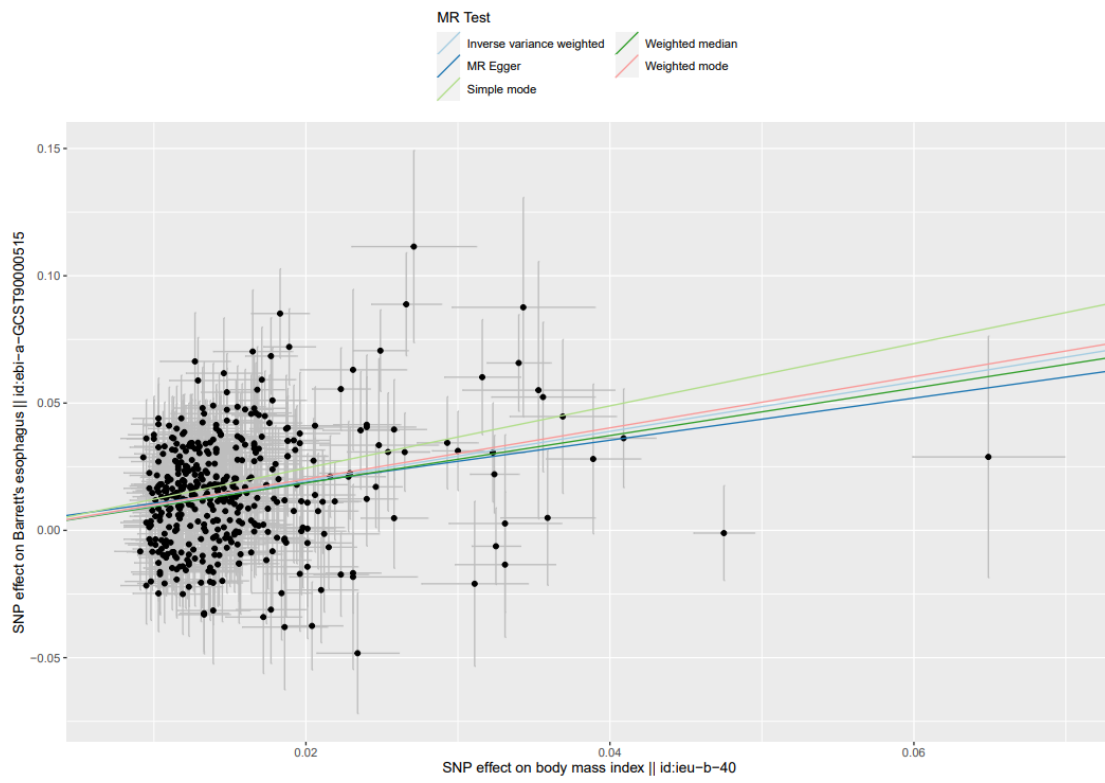
Supplementary Figure 27. Scatter plot, leave-one-out plot and forest plot for the effect of BMI on GERD.

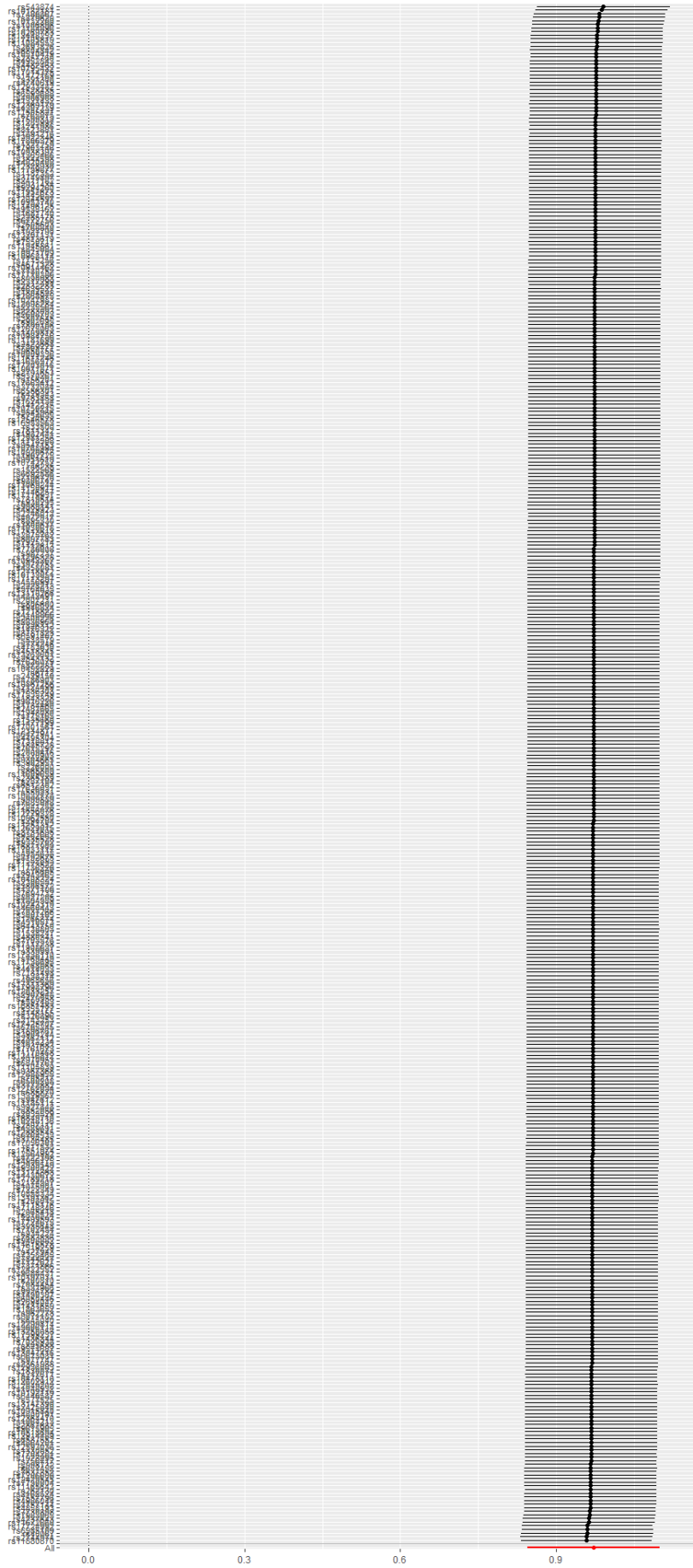


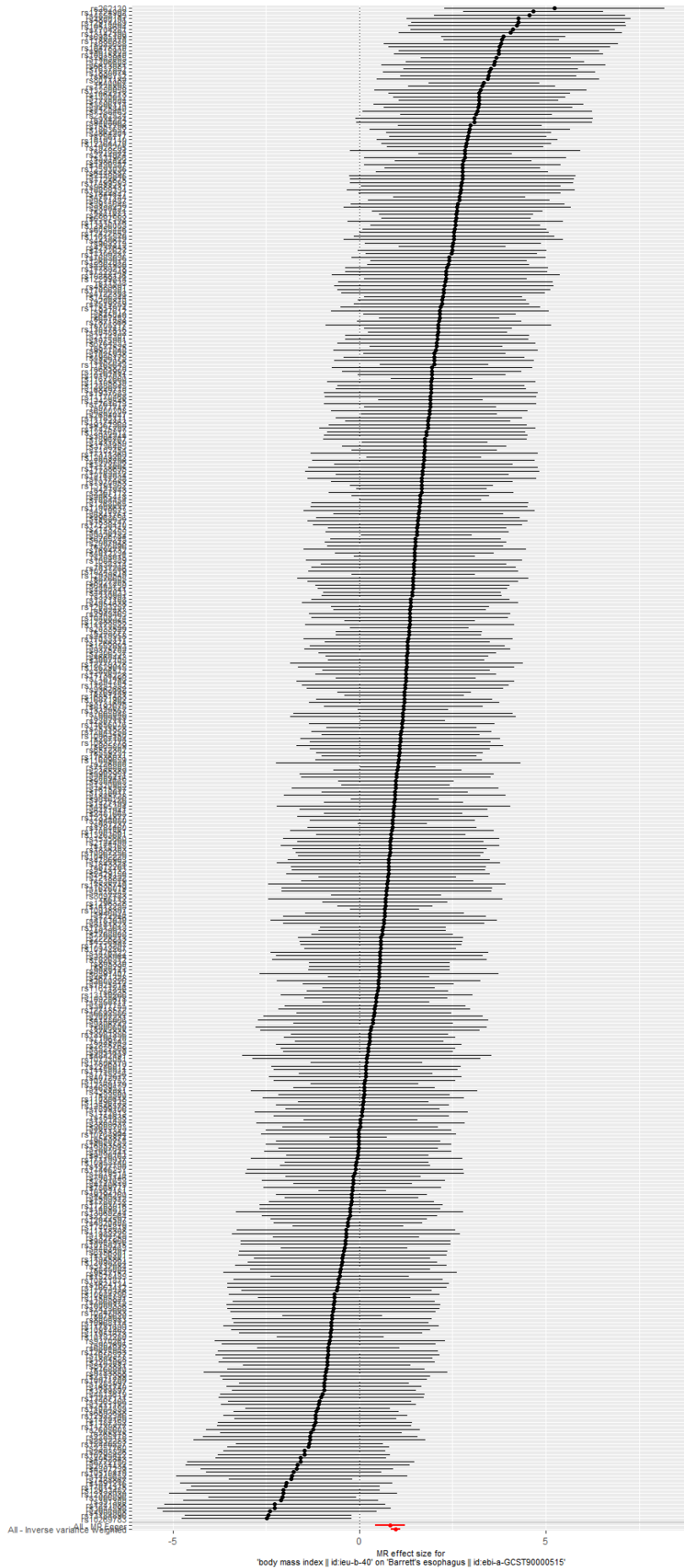




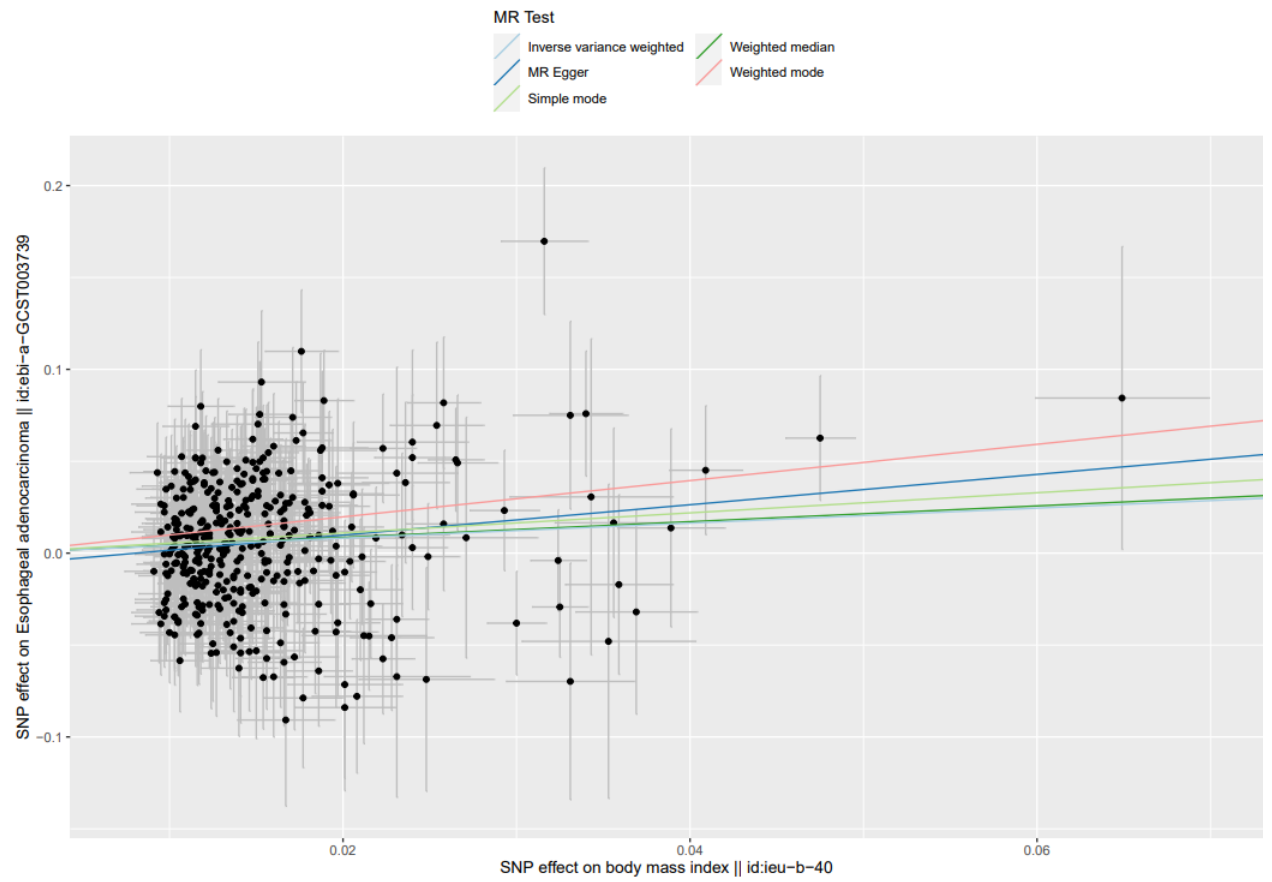
Supplementary Figure 28. Scatter plot, leave-one-out plot and forest plot for the effect of BMI on BE.

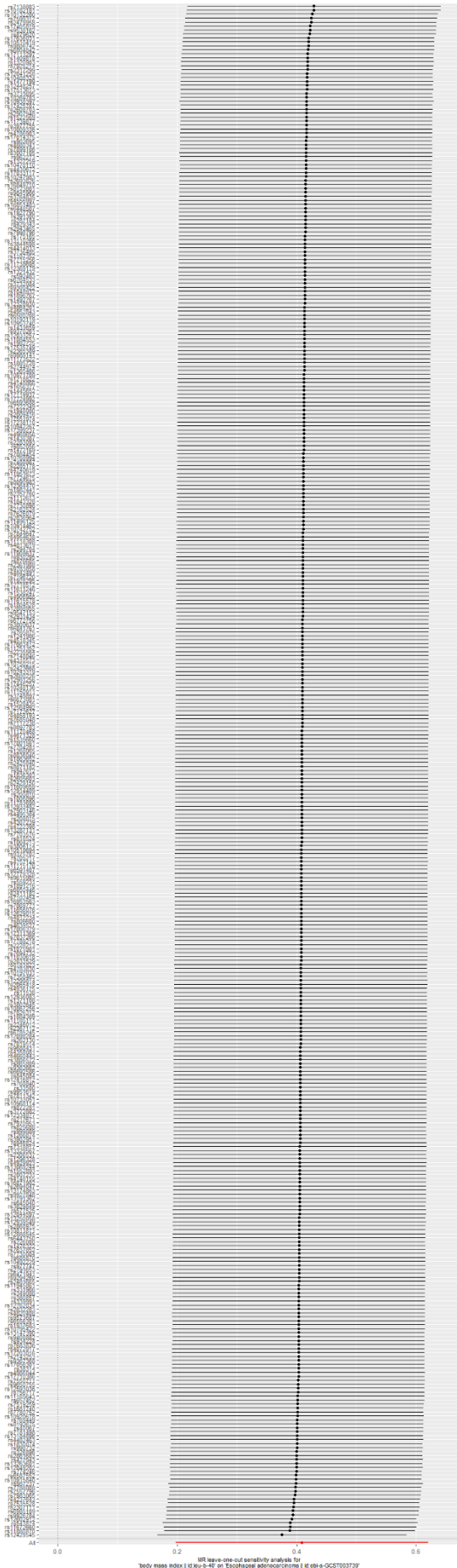


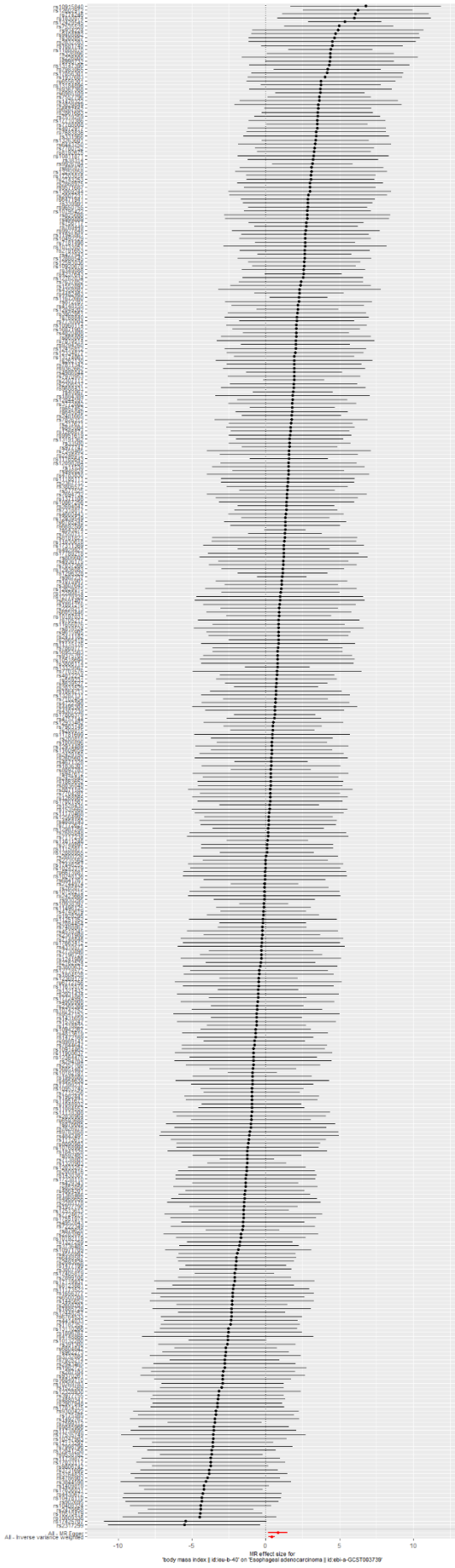




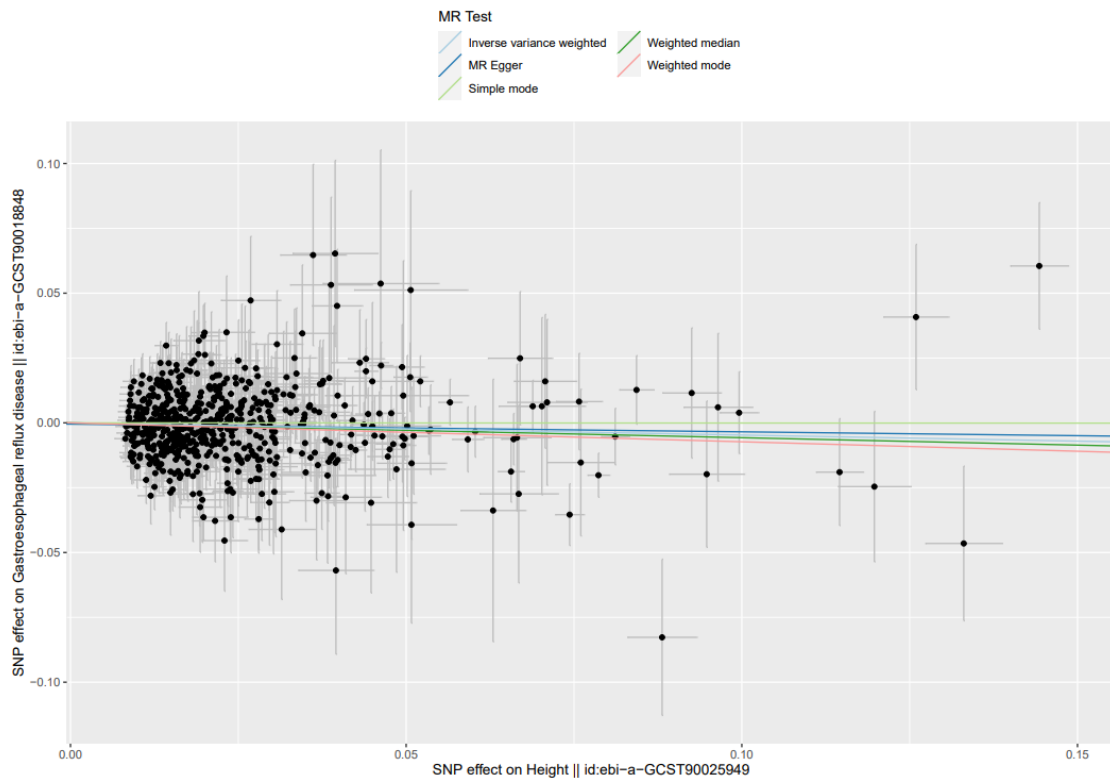
Supplementary Figure 29. Scatter plot, leave-one-out plot and forest plot for the effect of BMI on EA.

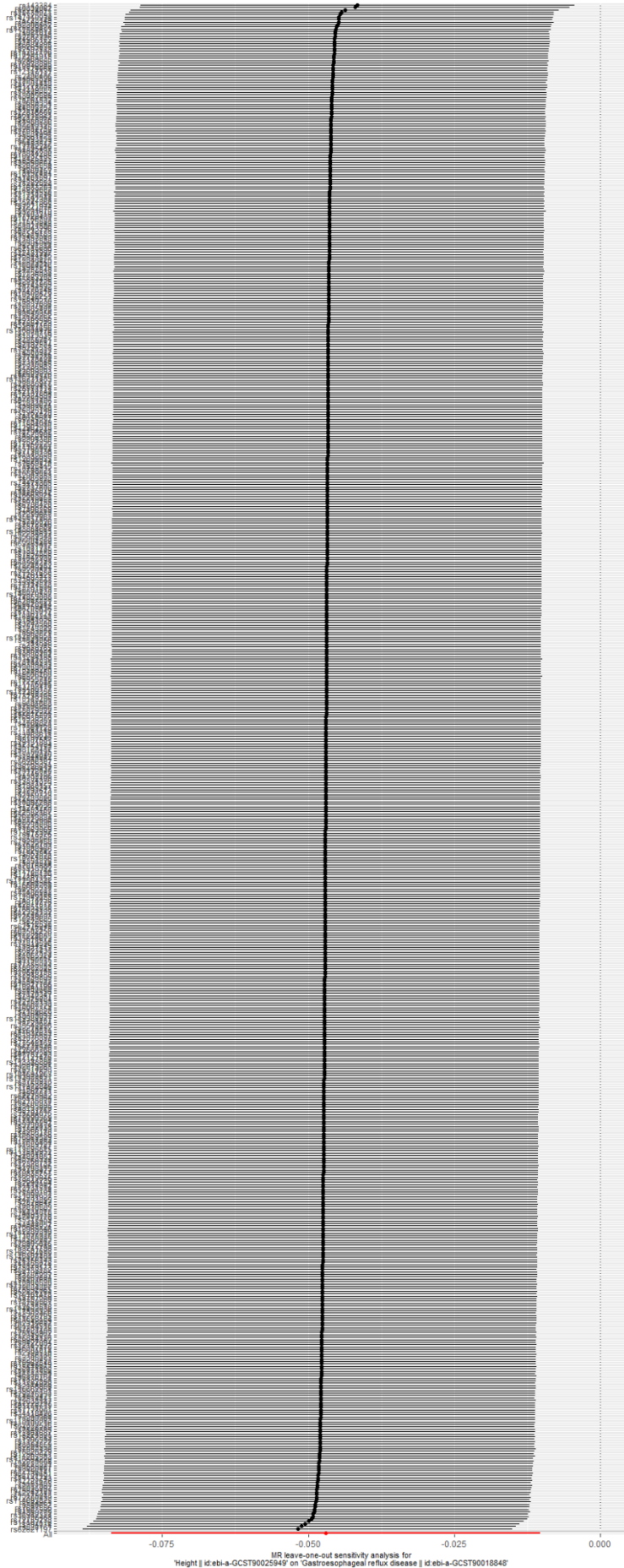


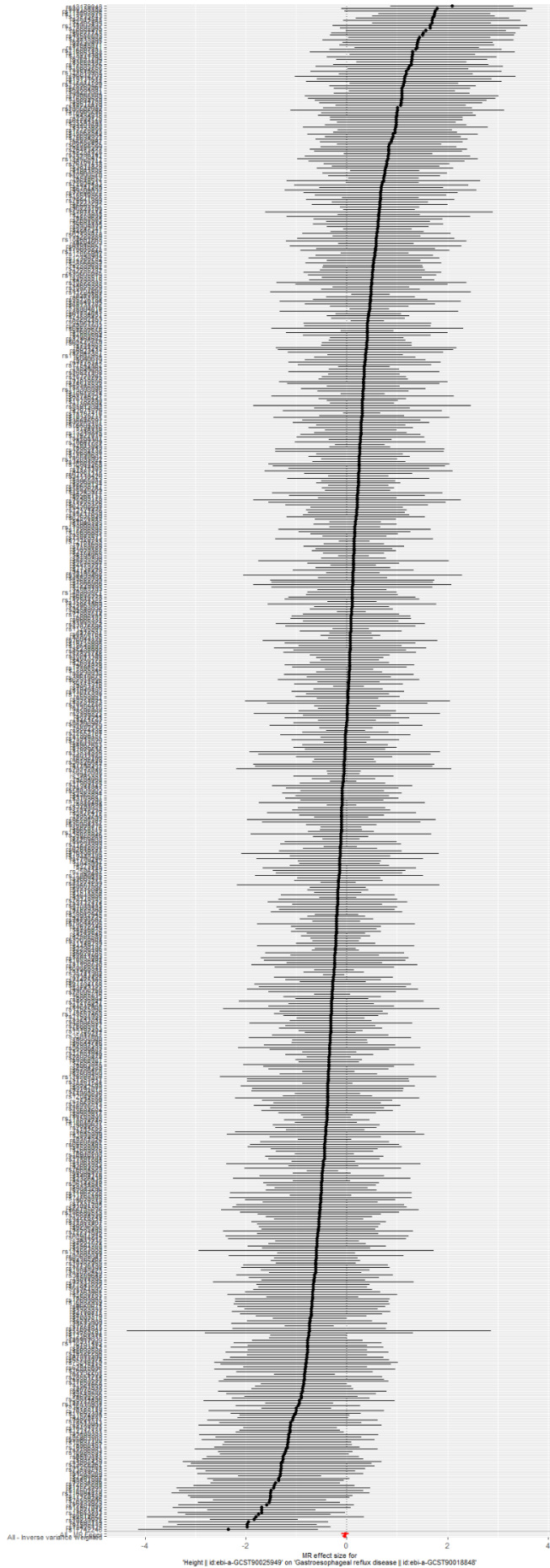




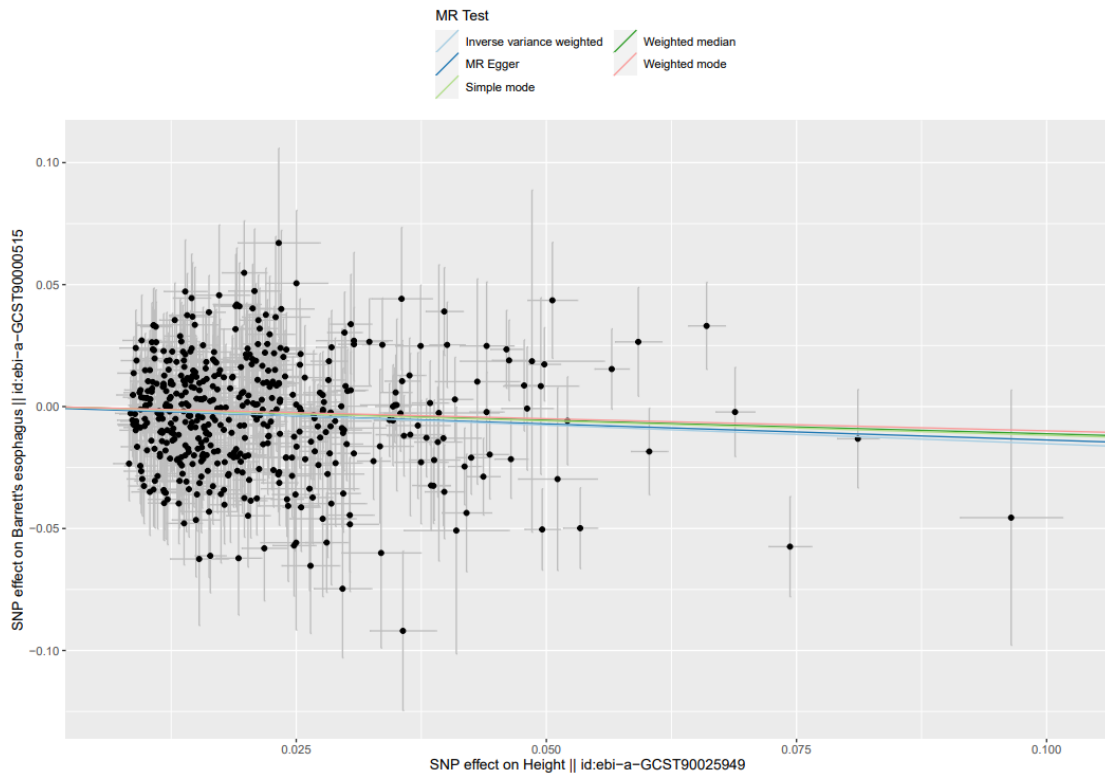
Supplementary Figure 30. Scatter plot, leave-one-out plot and forest plot for the effect of Height on GERD.

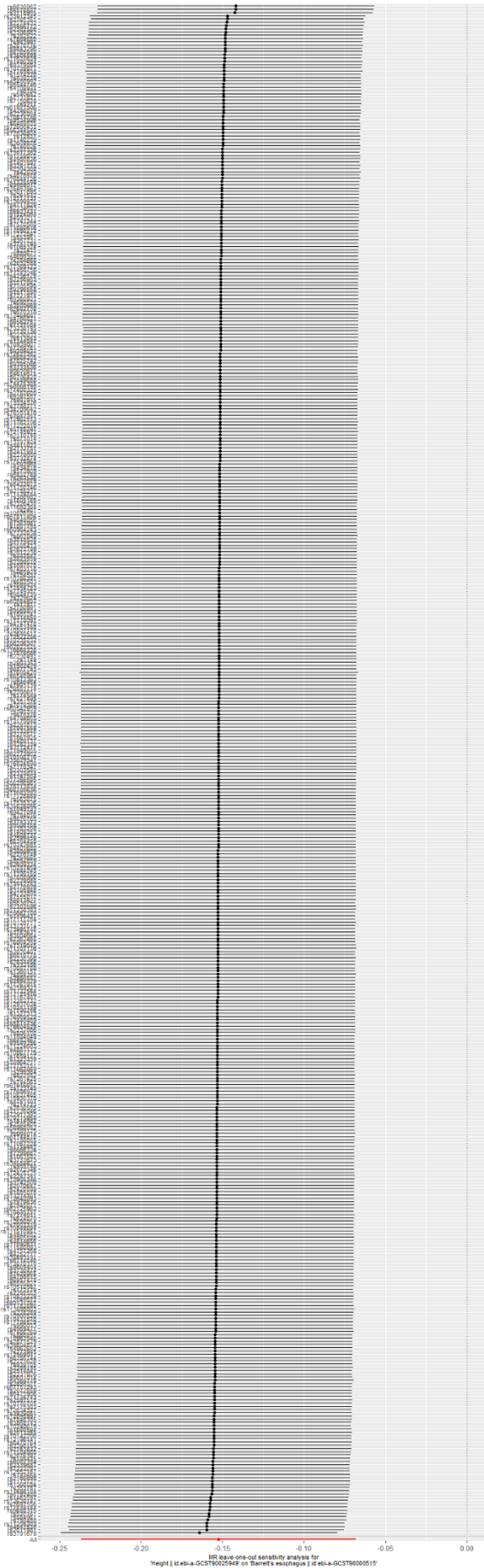


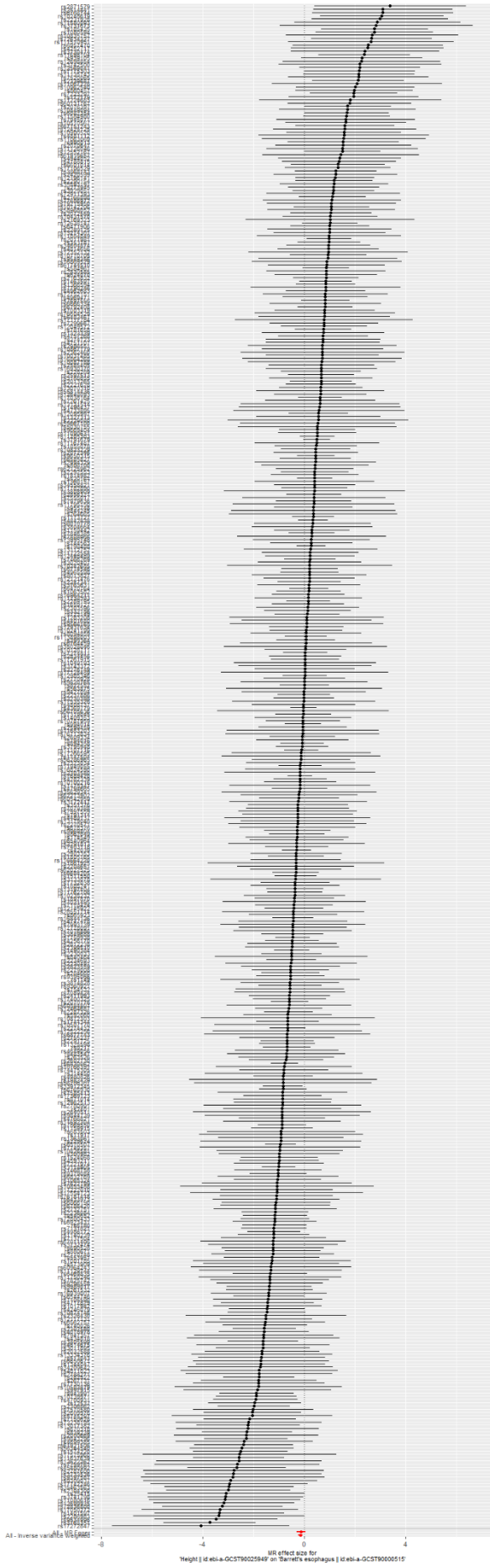




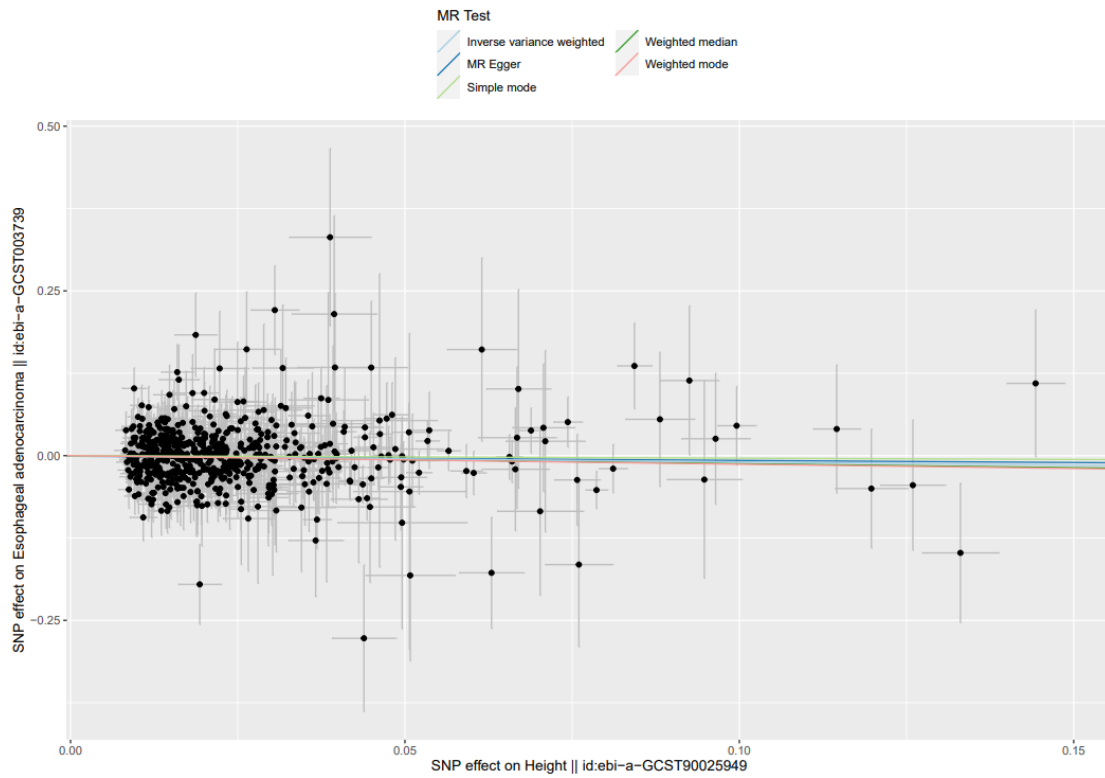
Supplementary Figure 31. Scatter plot, leave-one-out plot and forest plot for the effect of Height on BE.

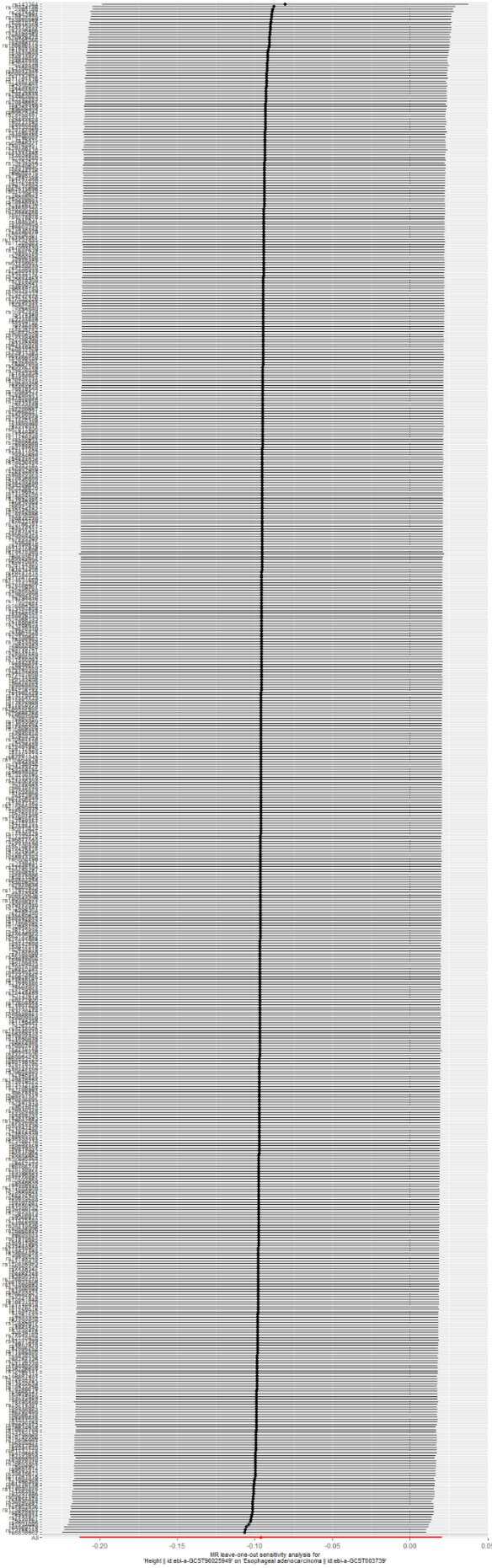


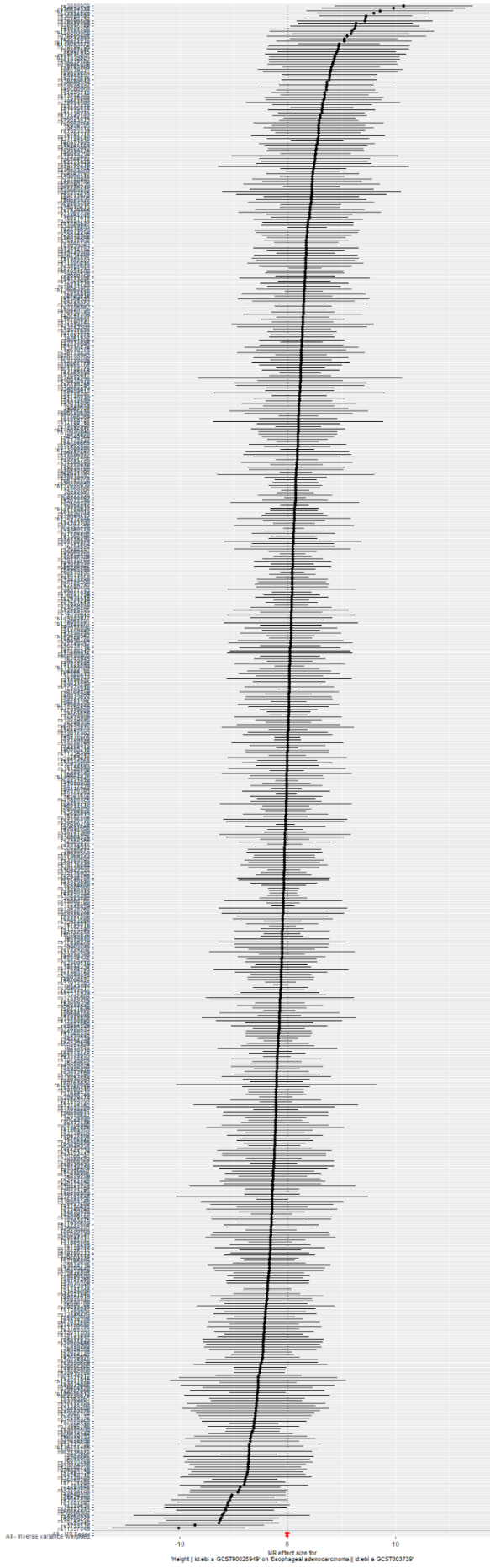




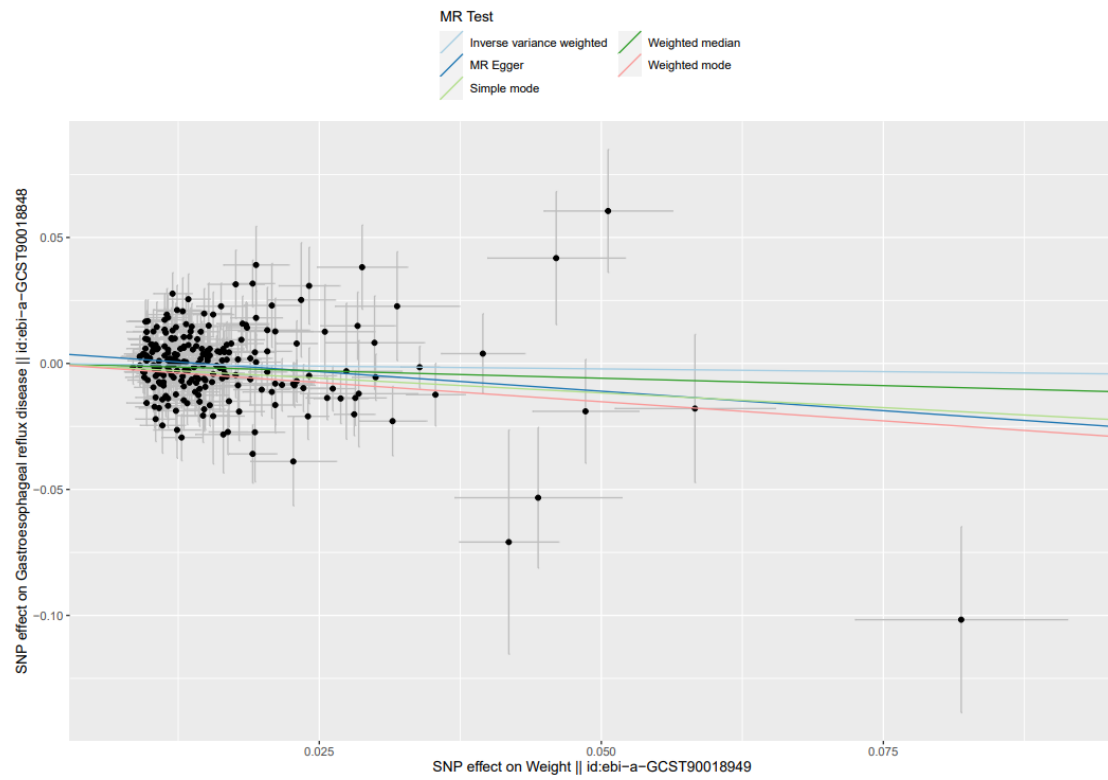
Supplementary Figure 32. Scatter plot, leave-one-out plot and forest plot for the effect of Height on EA.





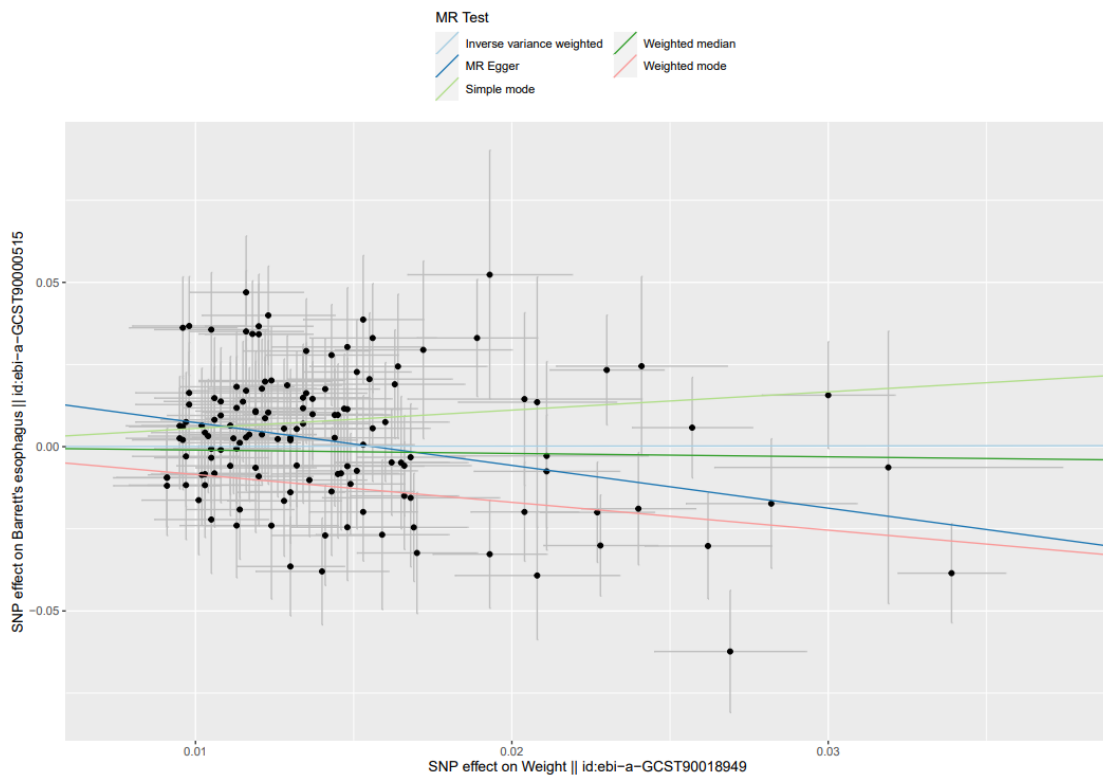


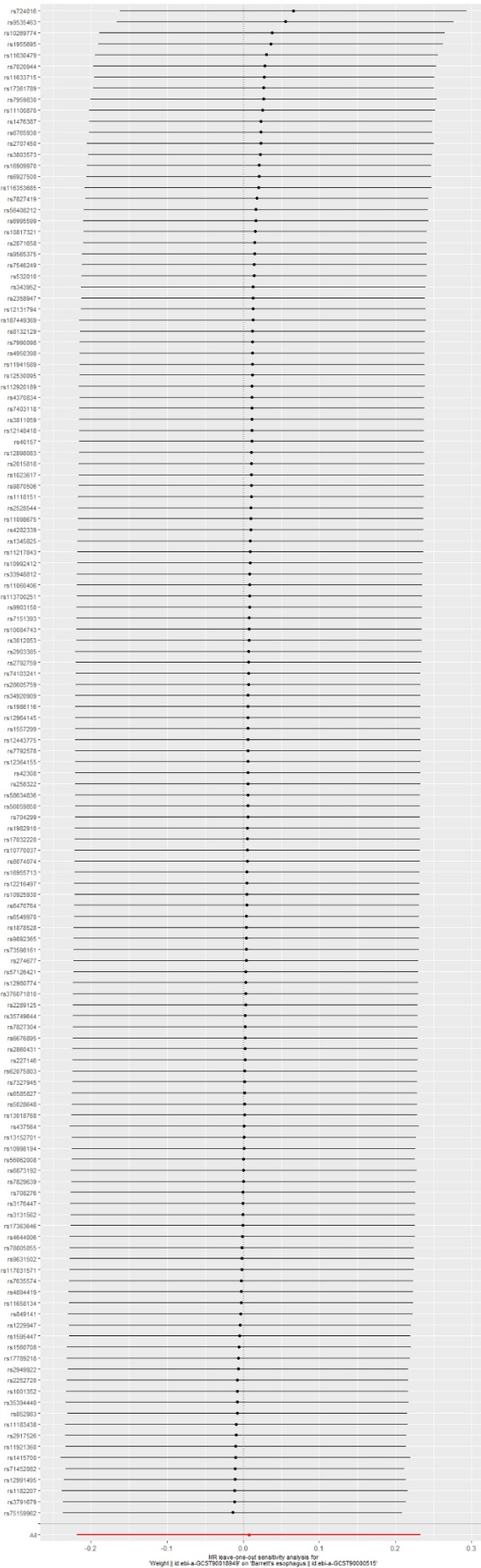
Supplementary Figure 33. Scatter plot, leave-one-out plot and forest plot for the effect of Weight on GERD.

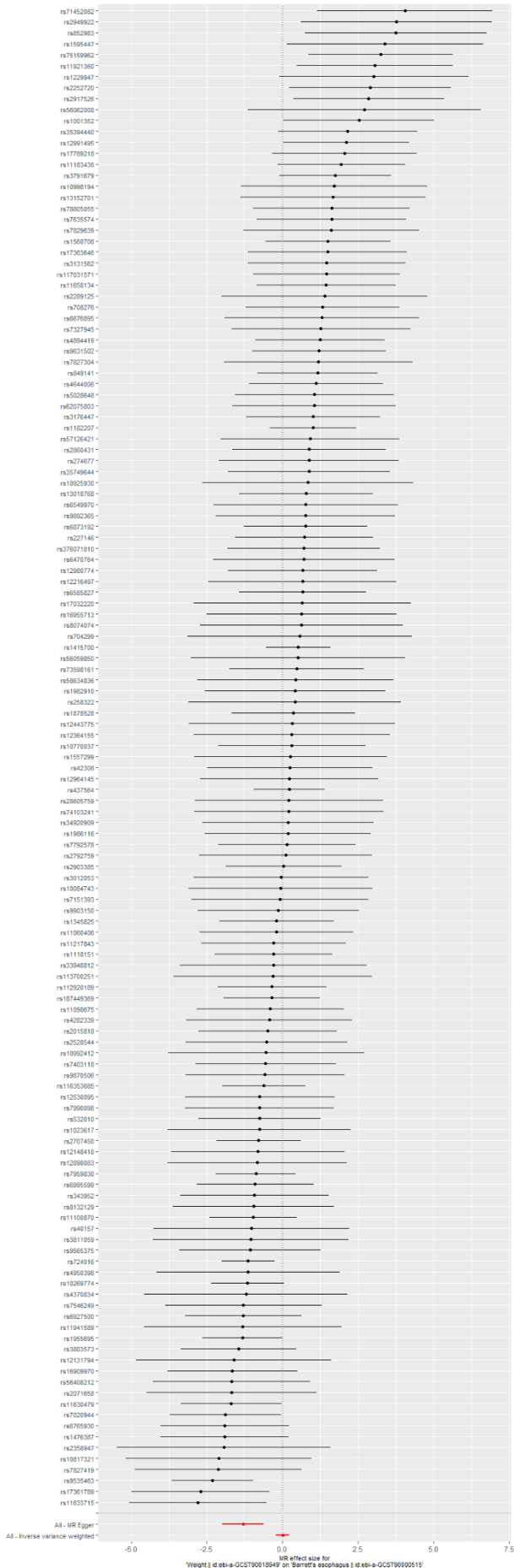




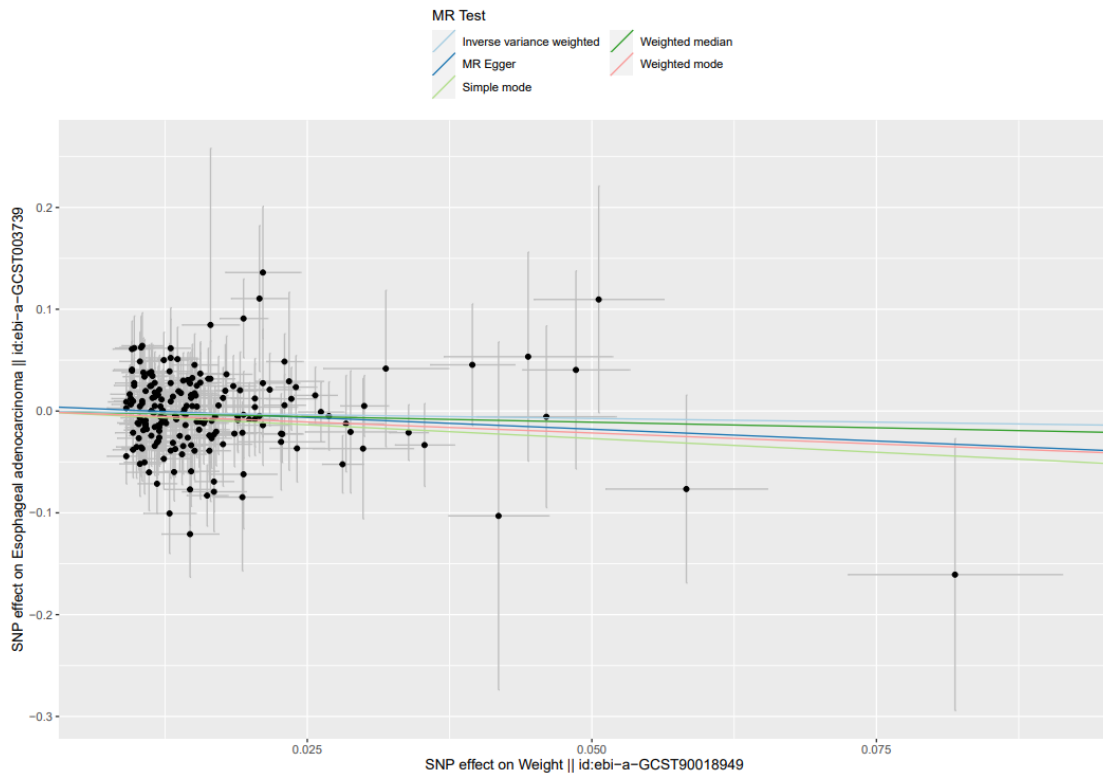
Supplementary Figure 34. Scatter plot, leave-one-out plot and forest plot for the effect of Weight on BE.

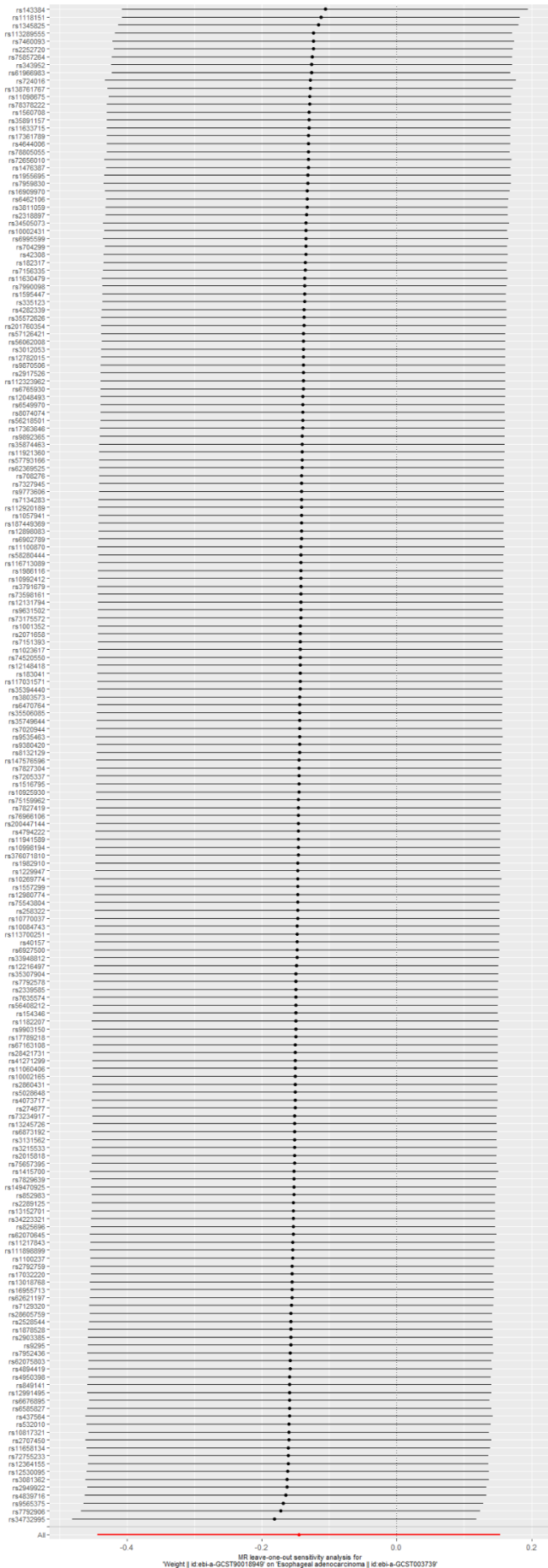


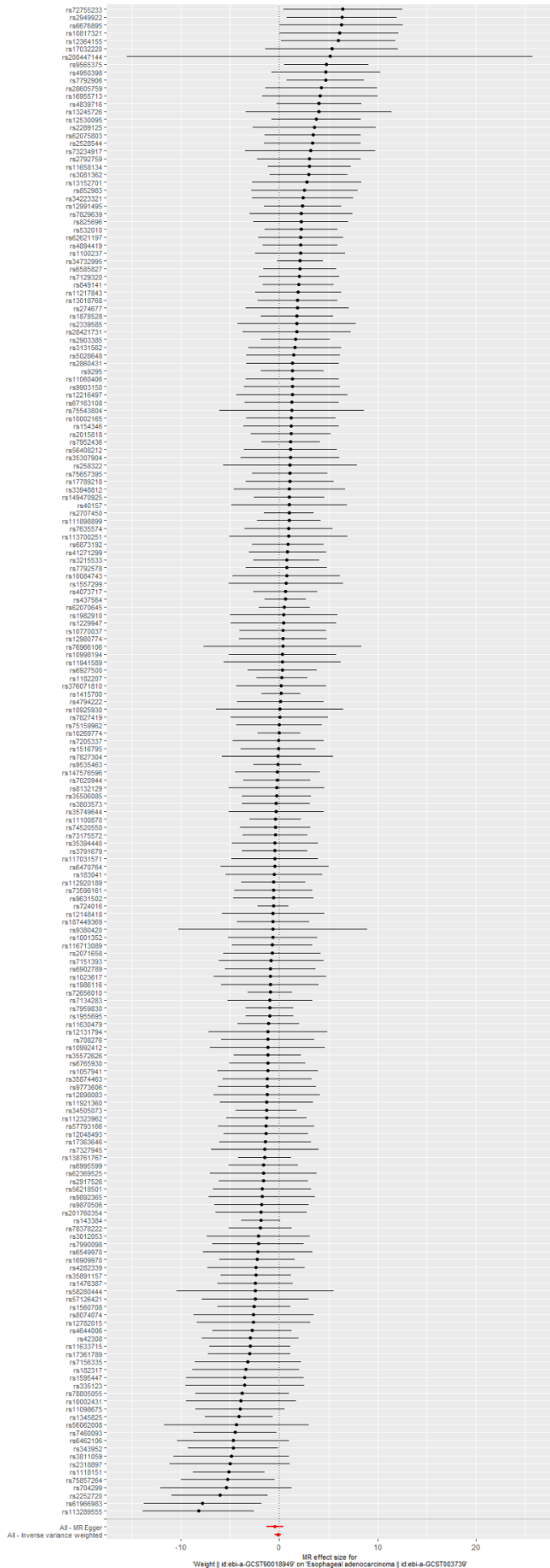




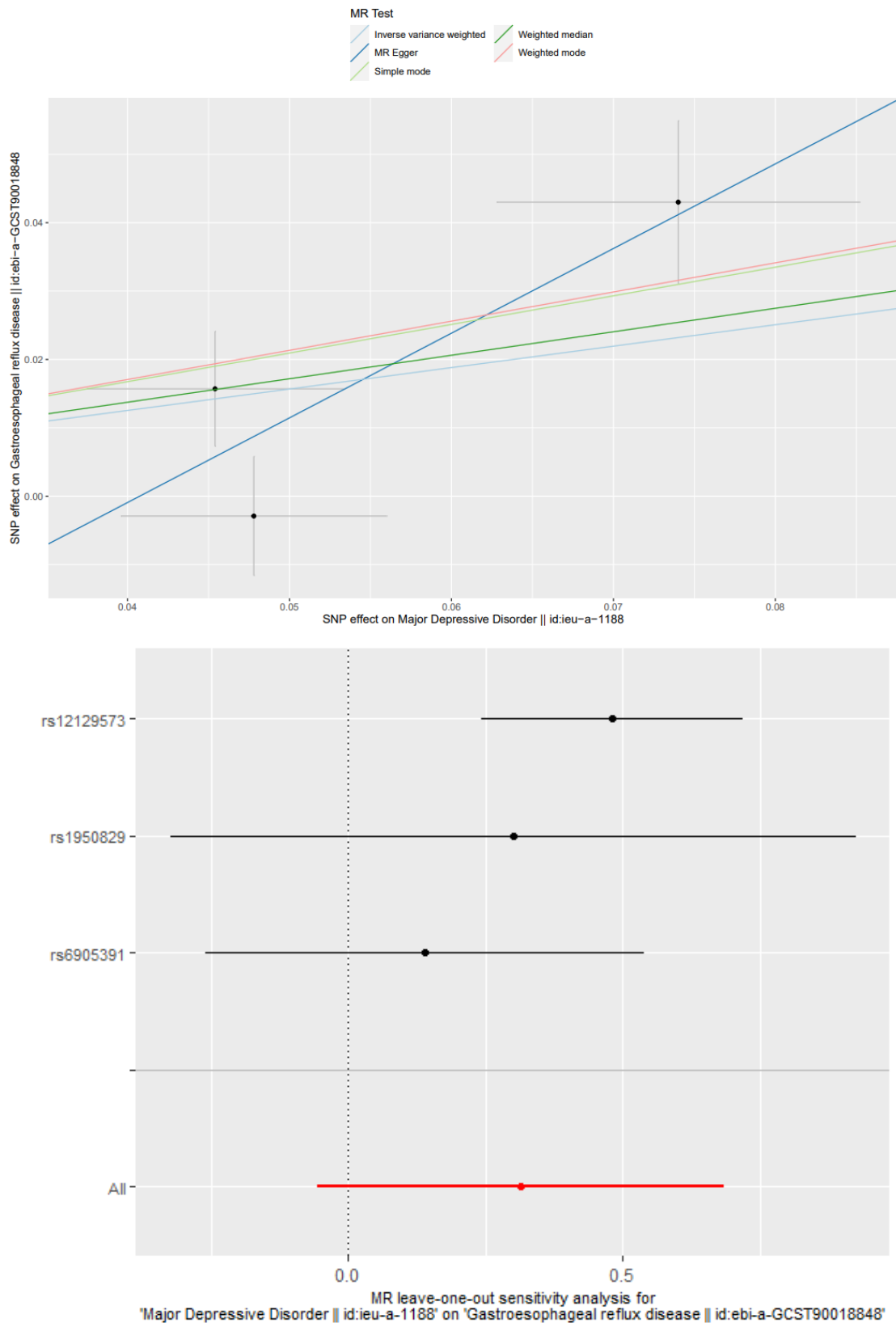
Supplementary Figure 35. Scatter plot, leave-one-out plot and forest plot for the effect of Weight on EA.

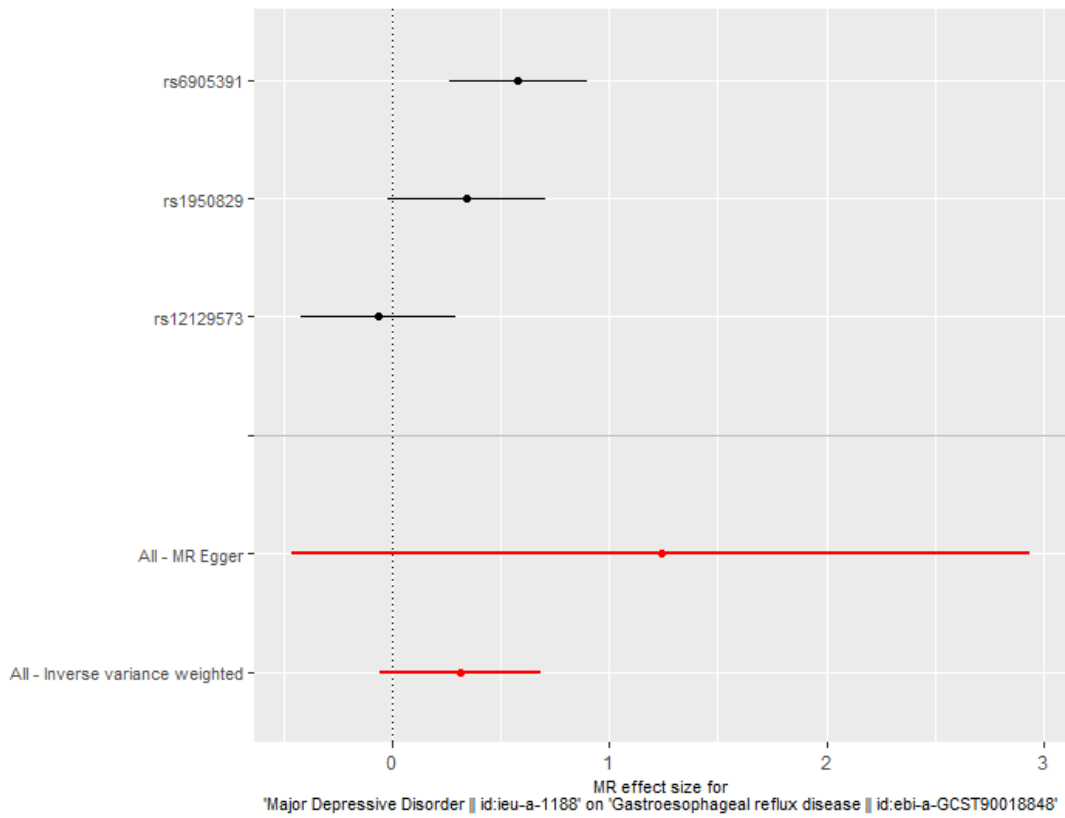




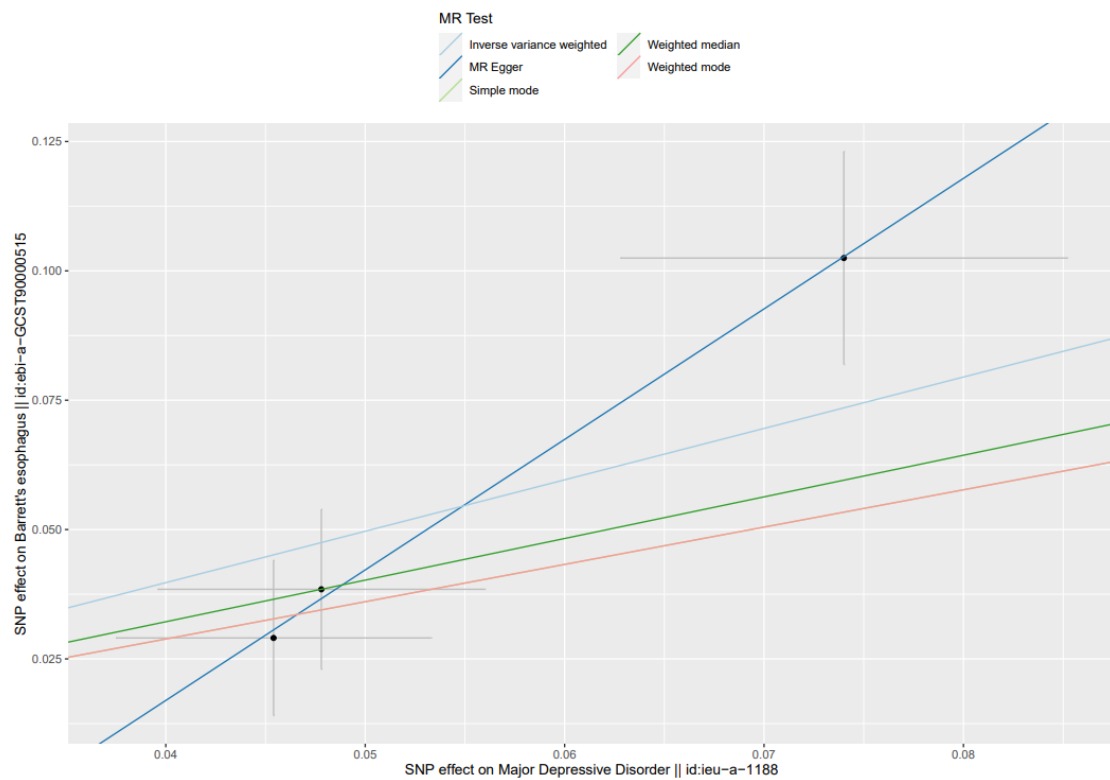


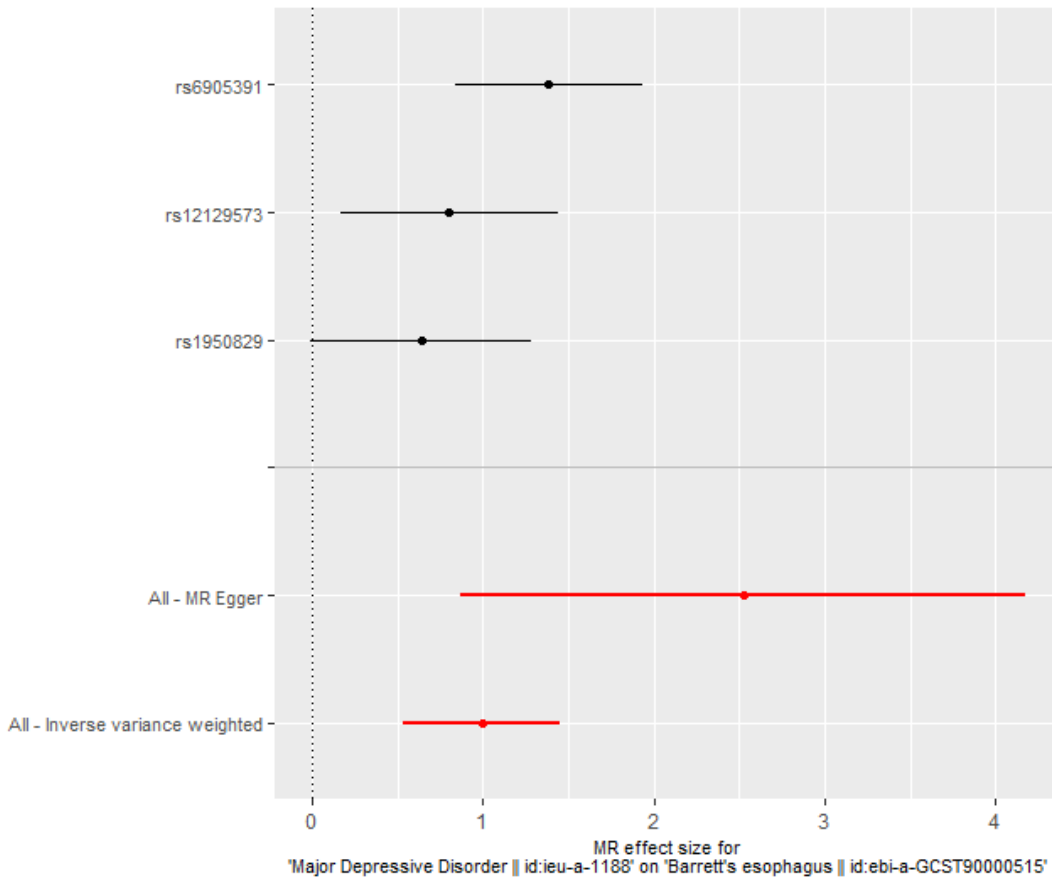
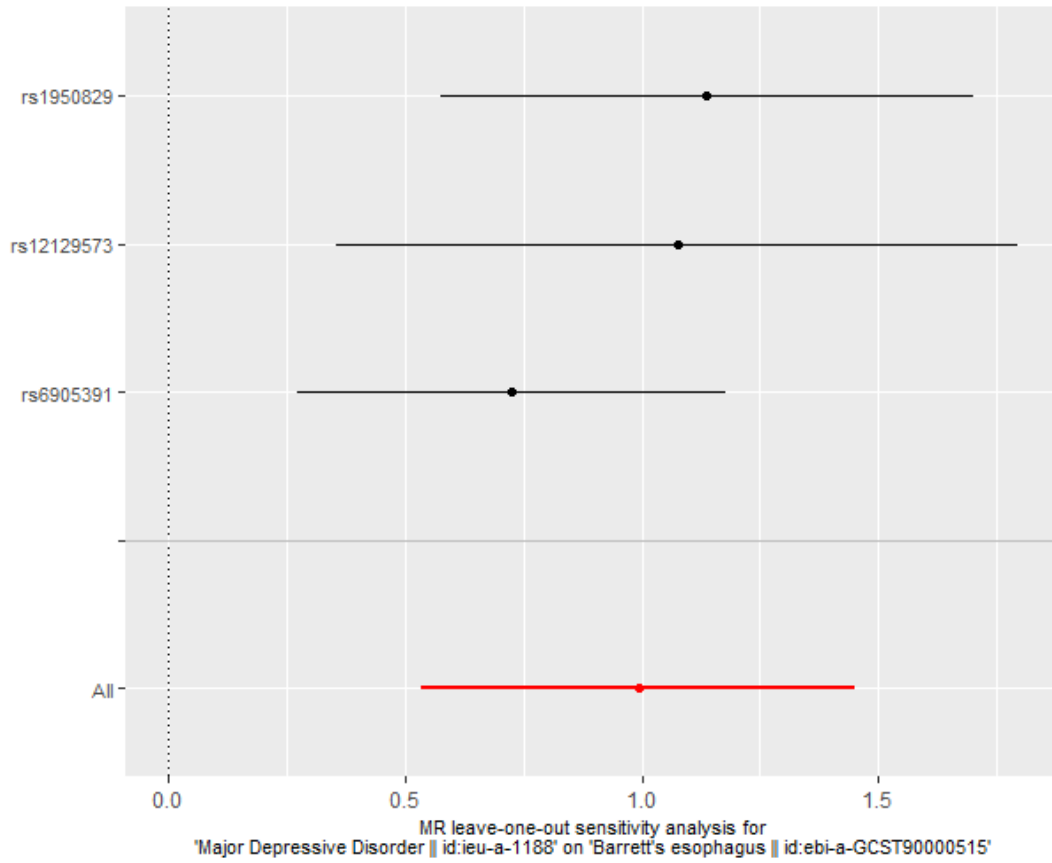
Supplementary Figure 36. Scatter plot, leave-one-out plot and forest plot for the effect of MDD on GERD.



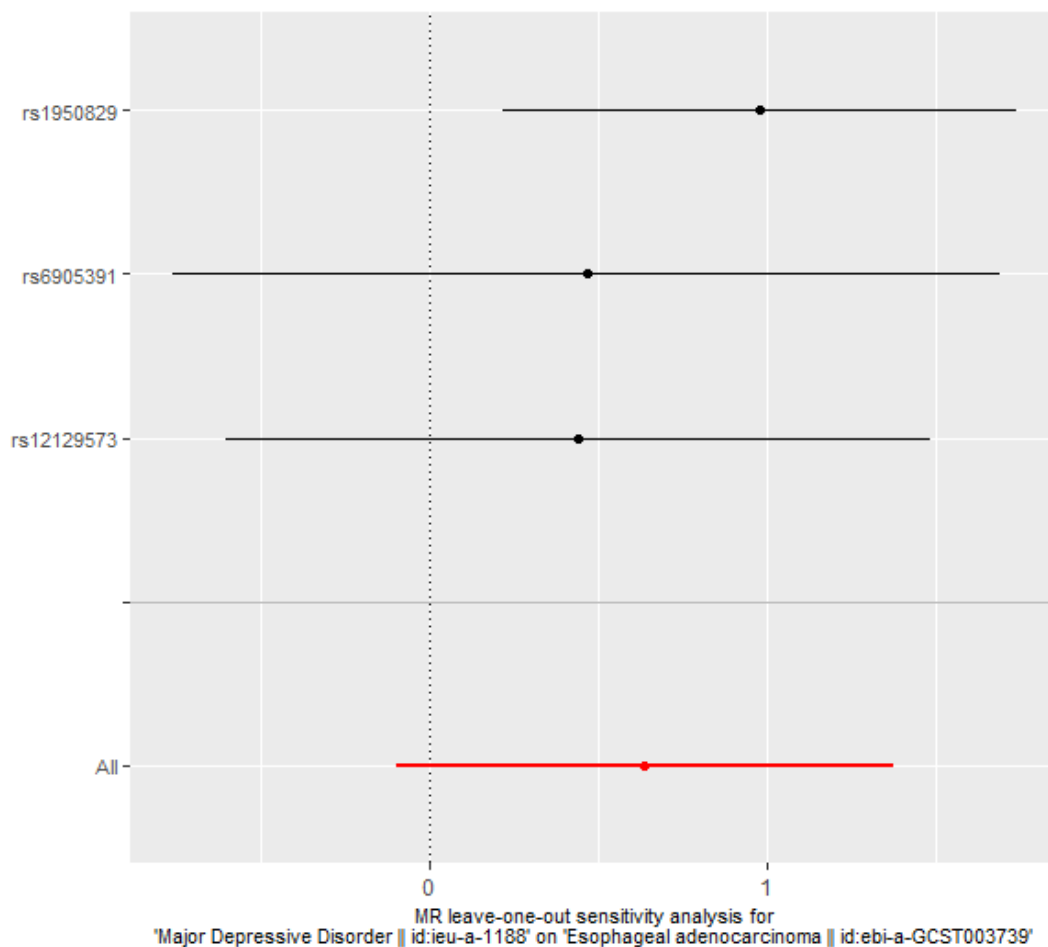
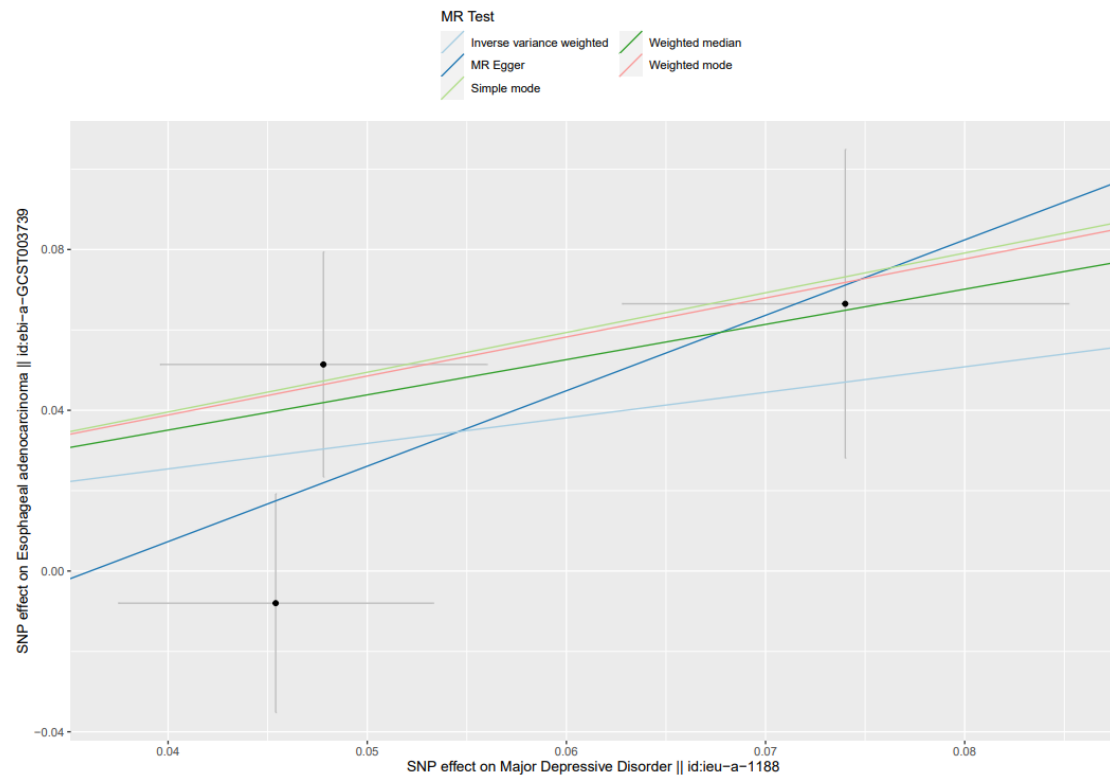


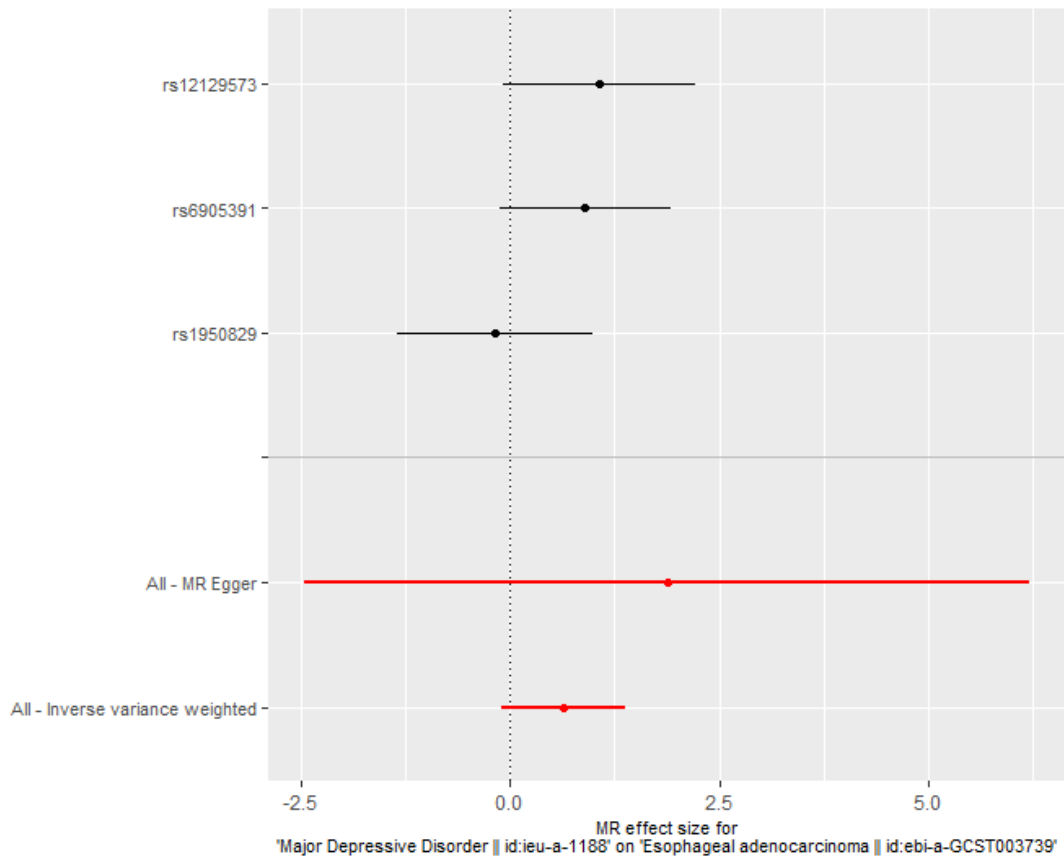
Supplementary Figure 37. Scatter plot, leave-one-out plot and forest plot for the effect of MDD on BE.



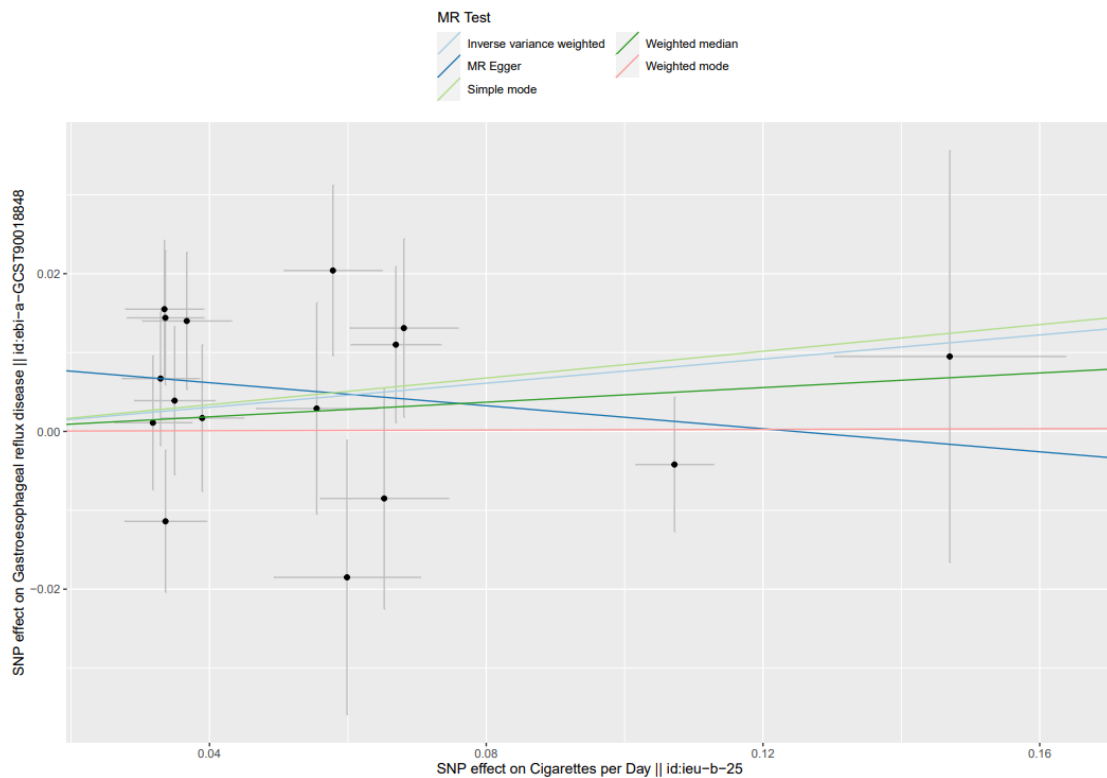


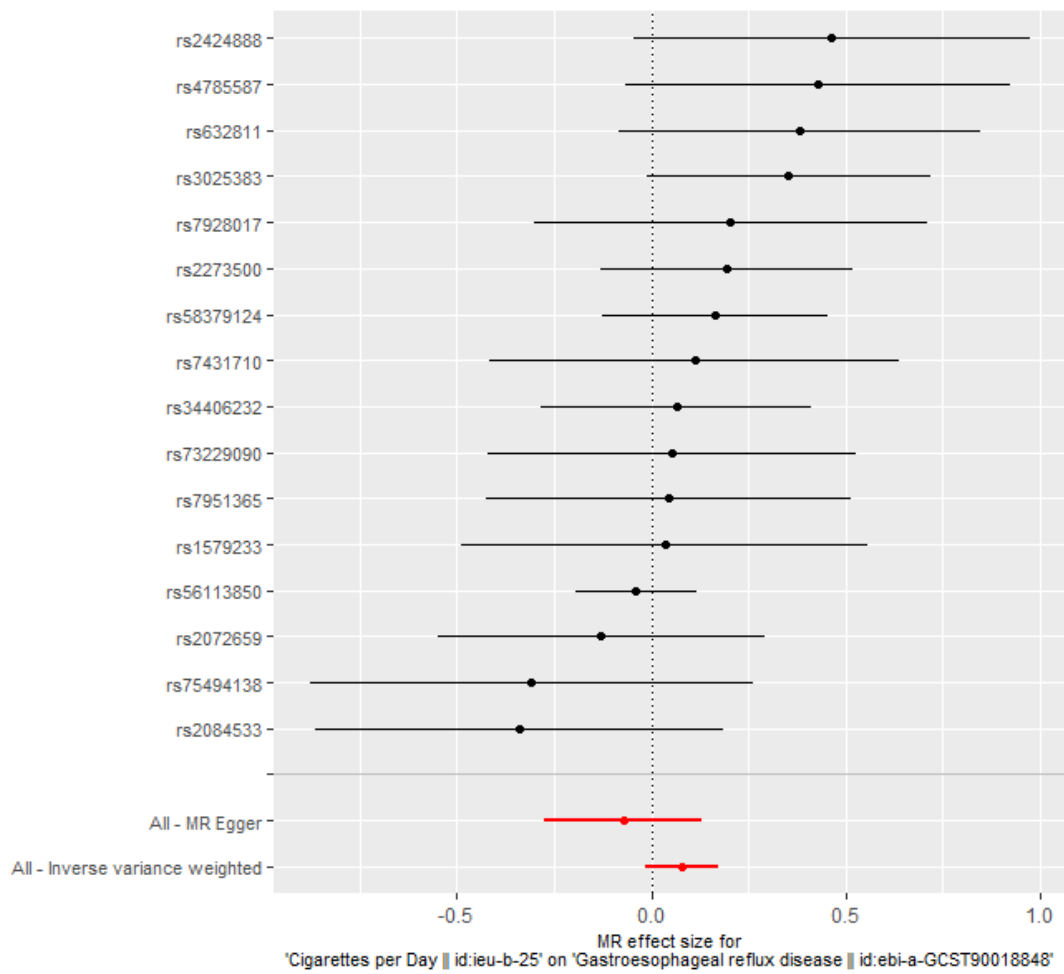
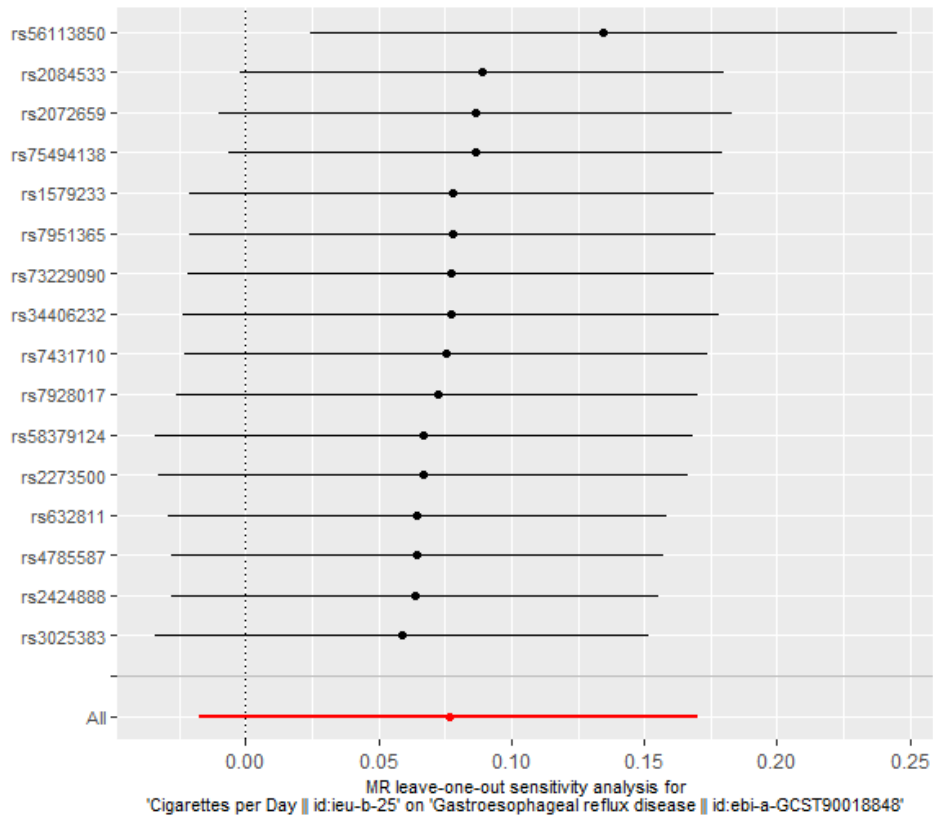
Supplementary Figure 38. Scatter plot, leave-one-out plot and forest plot for the effect of MDD on EA.



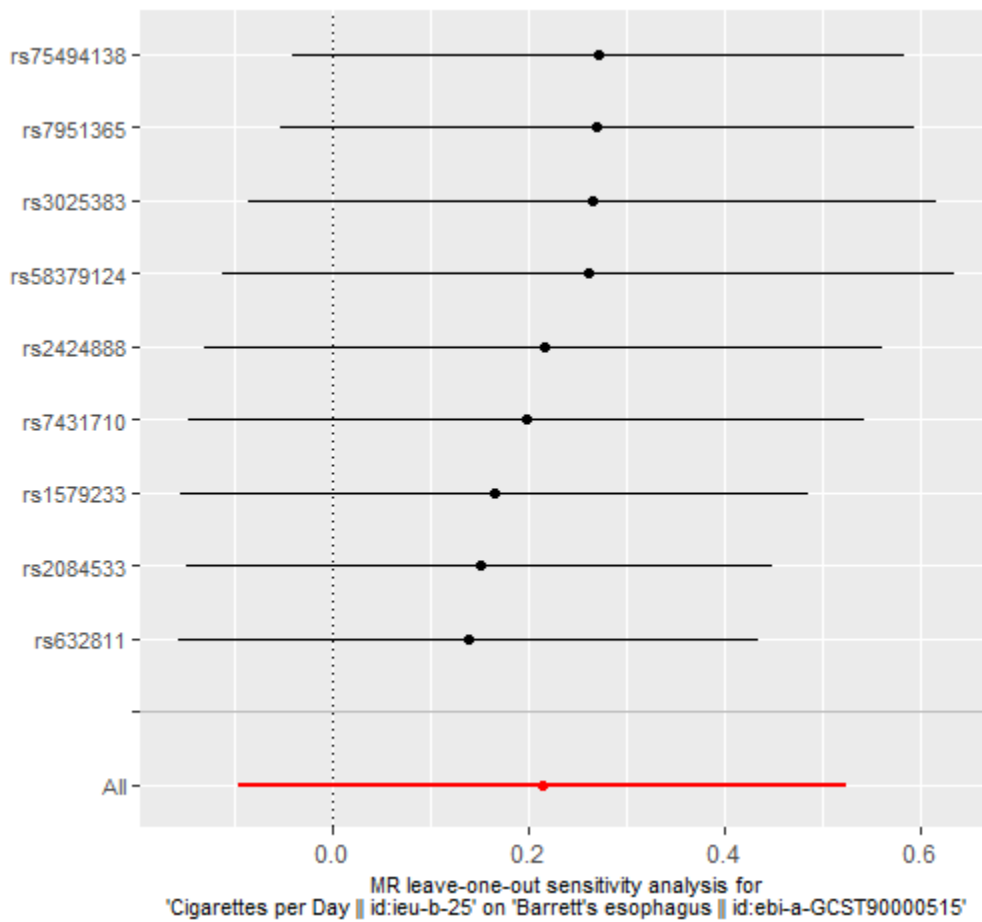
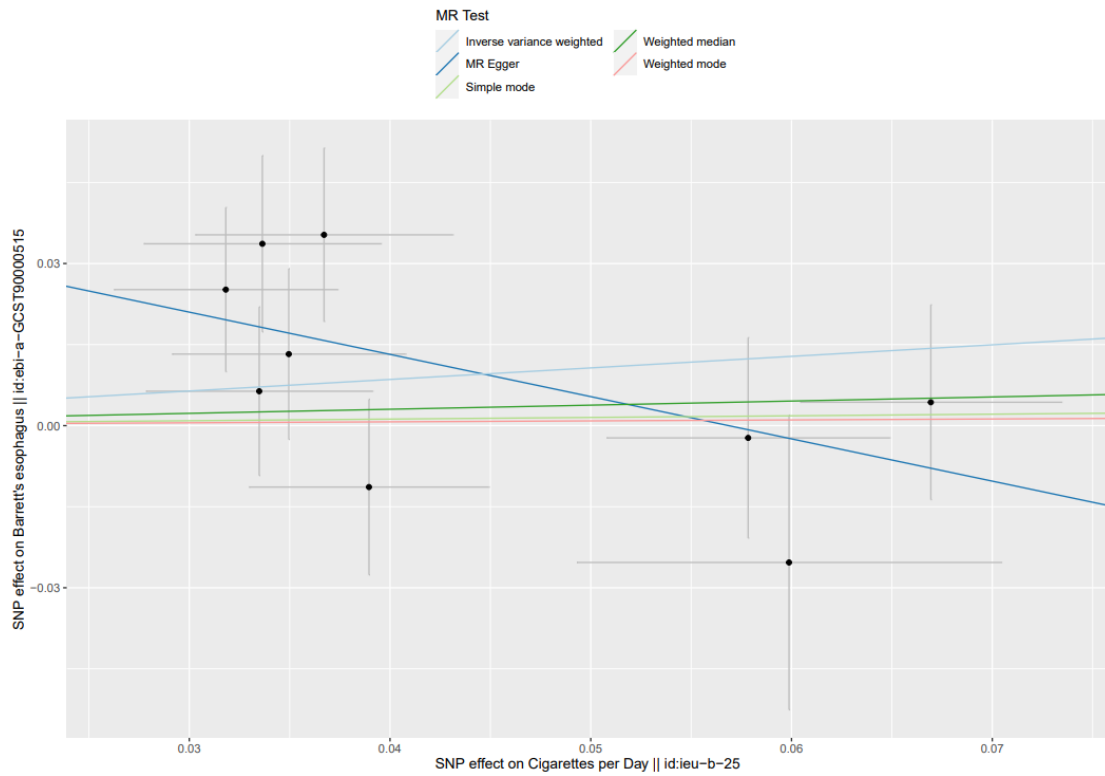


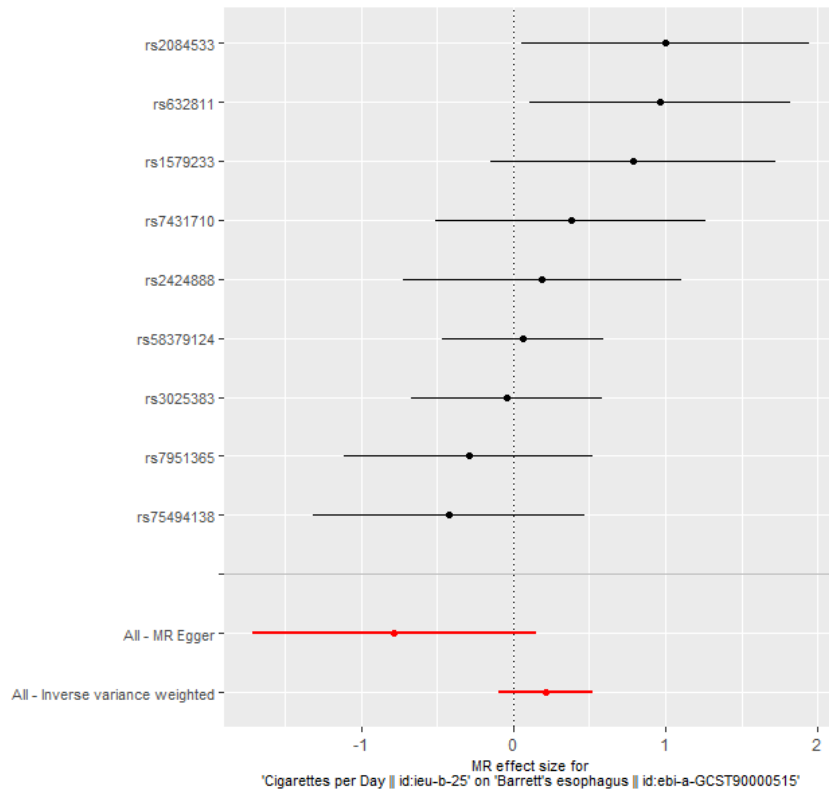
Supplementary Figure 39. Scatter plot, leave-one-out plot and forest plot for the effect of Cigarettes smoked per day on GERD.



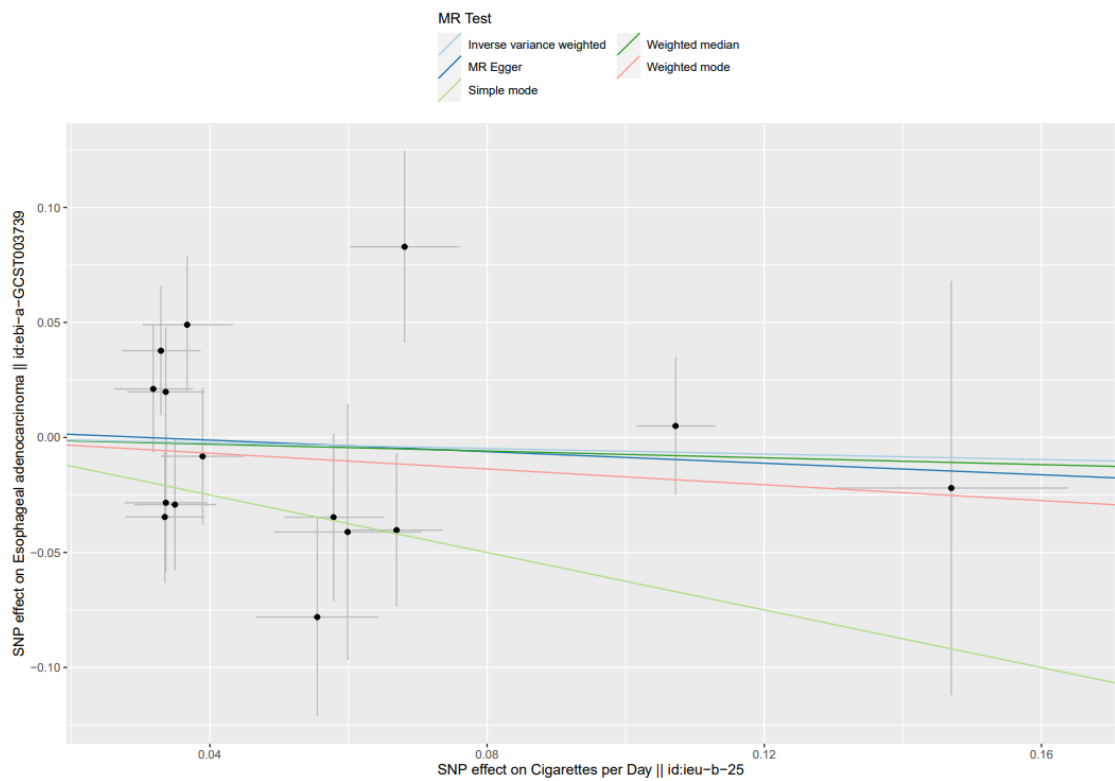


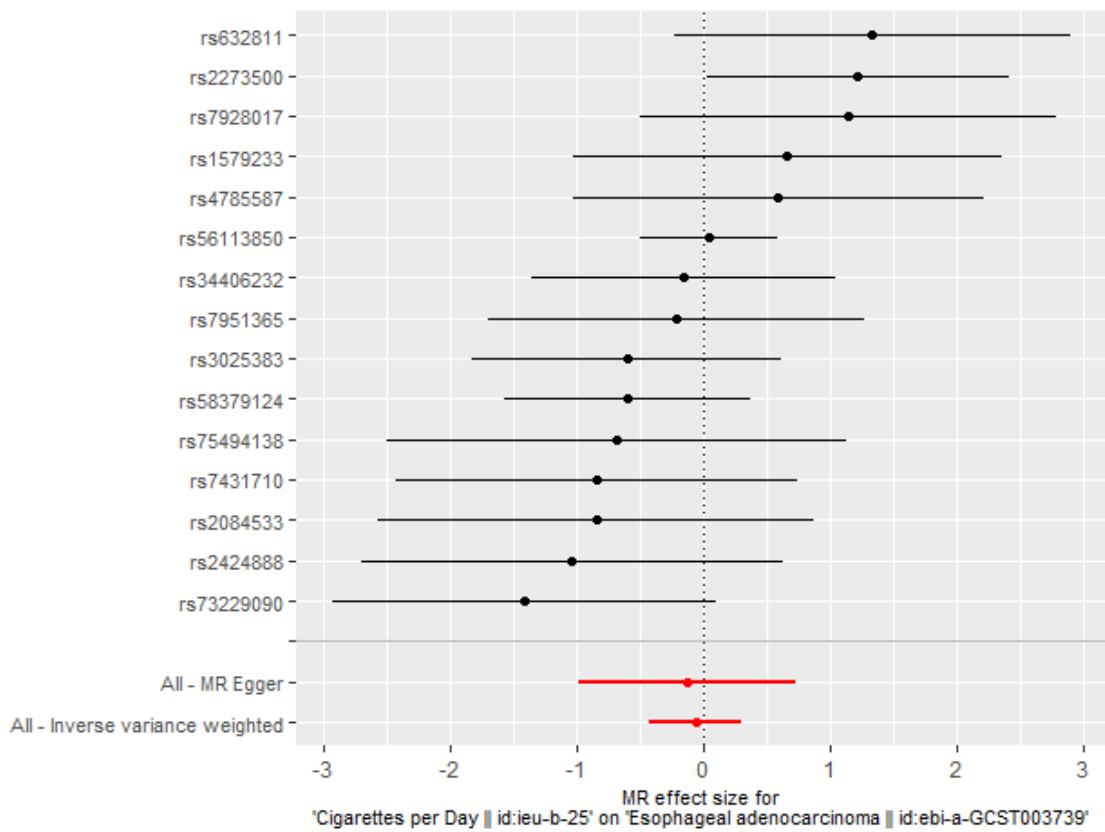
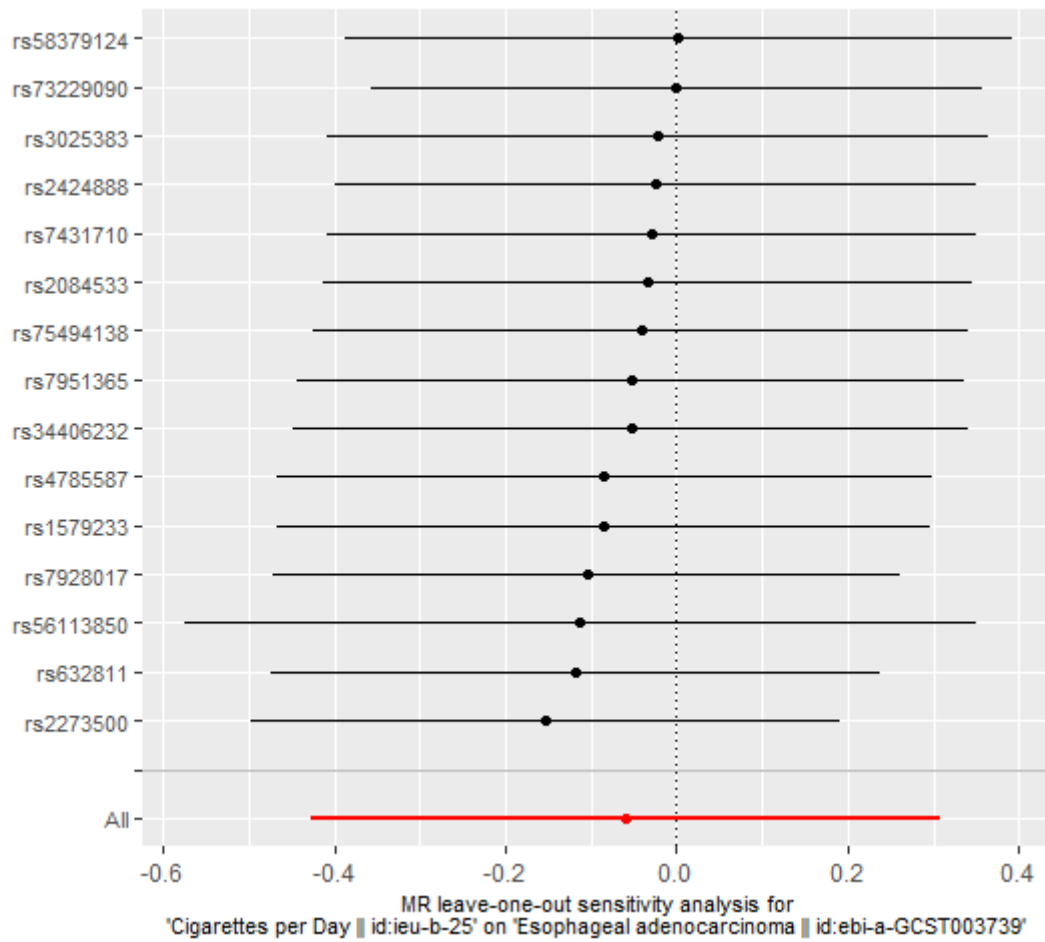
Supplementary Figure 40. Scatter plot, leave-one-out plot and forest plot for the effect of Cigarettes smoked per day on BE.



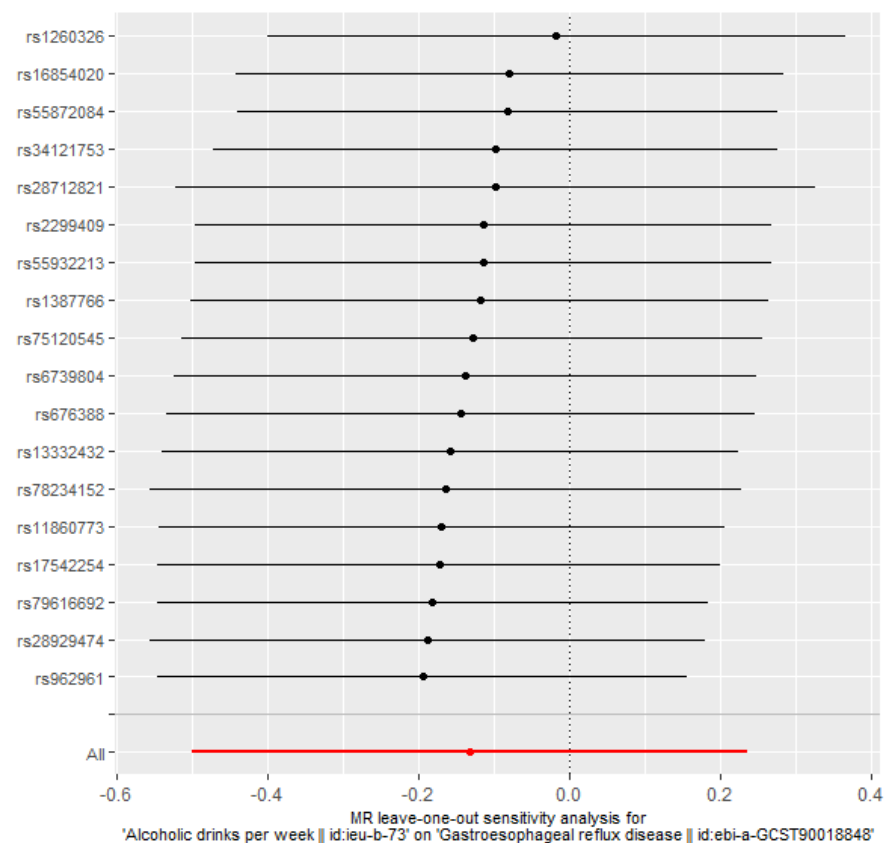
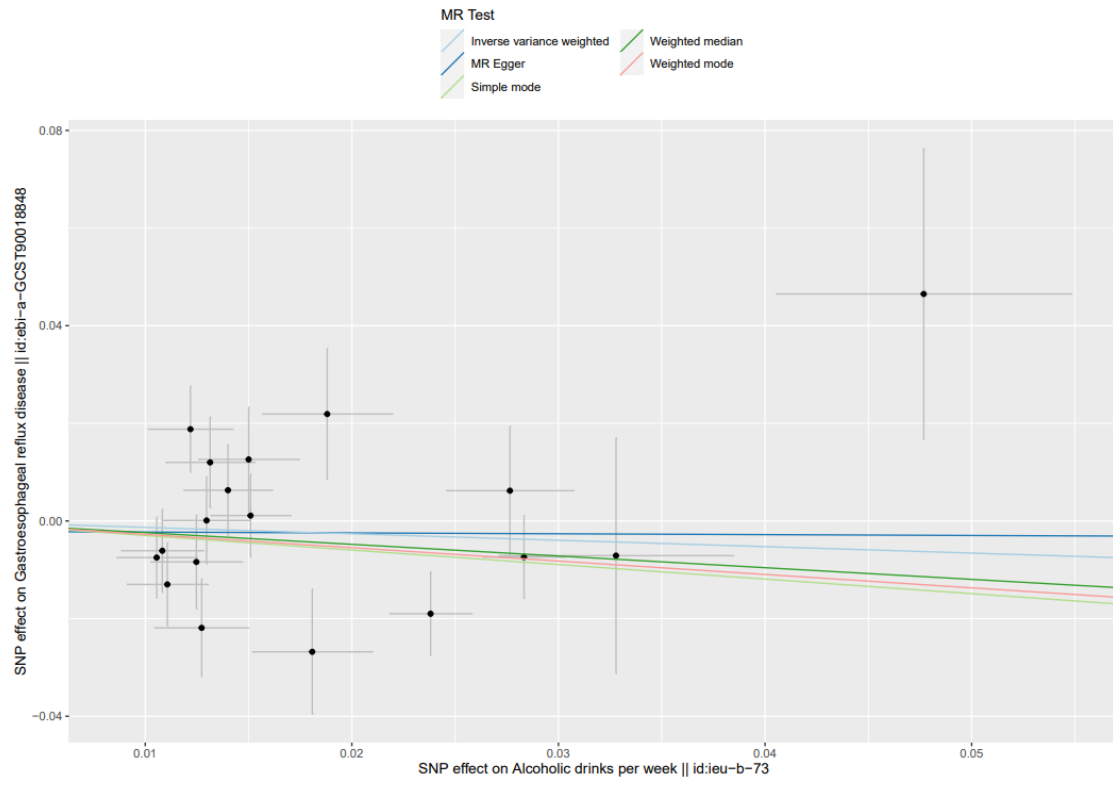


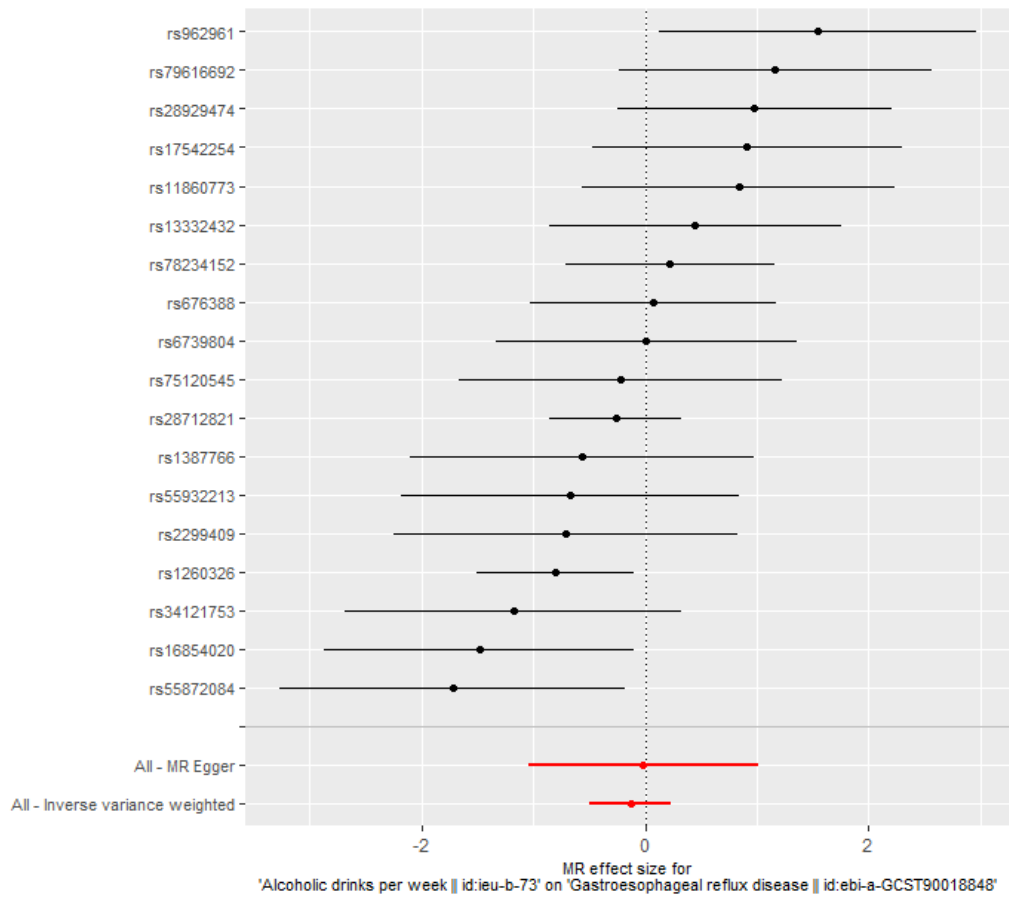
Supplementary Figure 41. Scatter plot, leave-one-out plot and forest plot for the effect of Cigarettes smoked per day on EA.



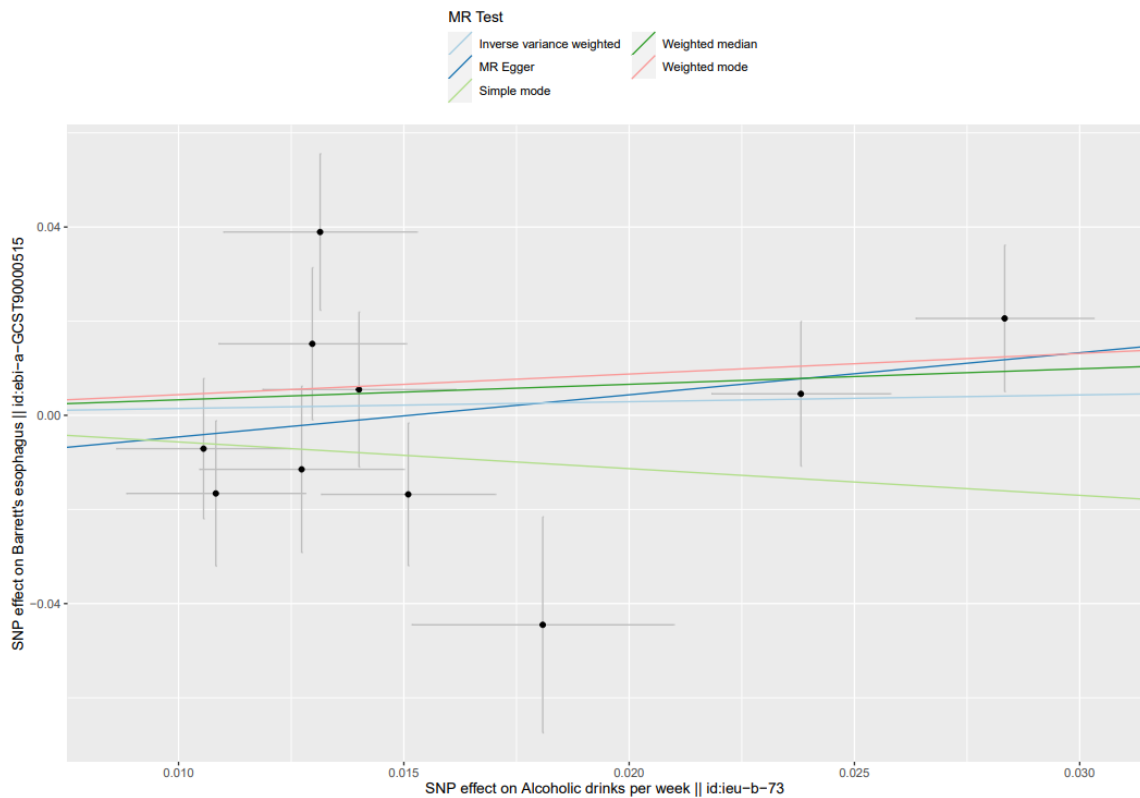


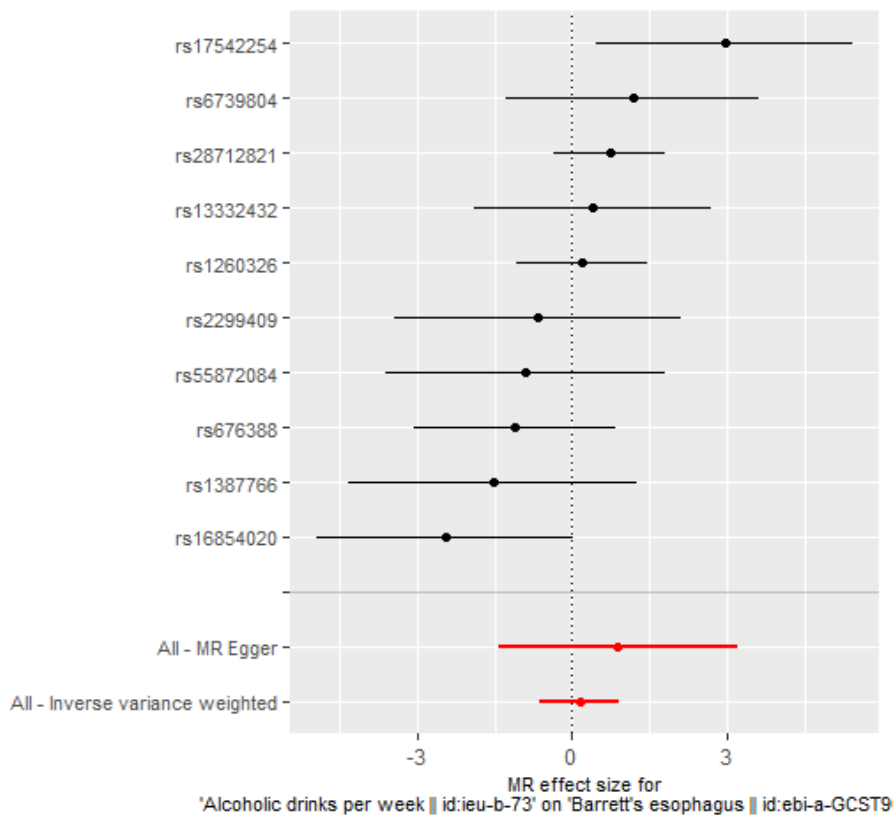
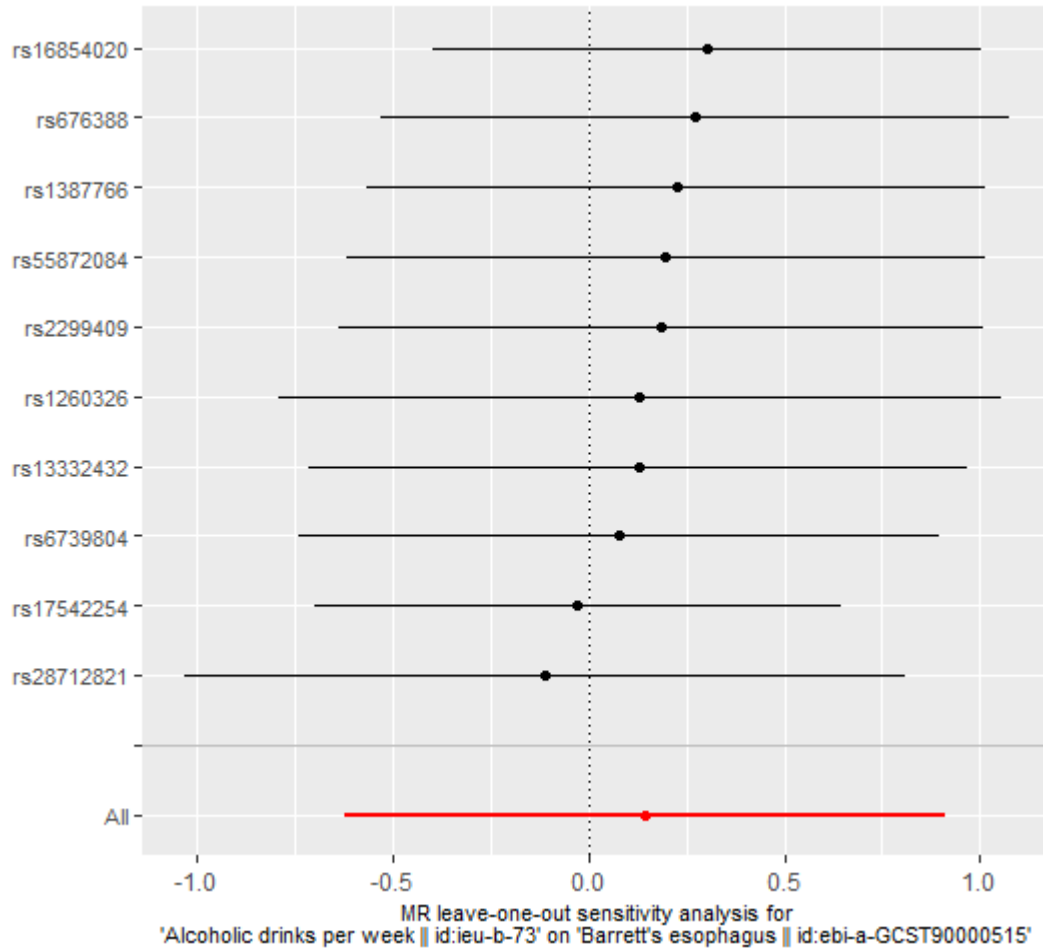
Supplementary Figure 42. Scatter plot, leave-one-out plot and forest plot for the effect of Alcoholic drinks per week on GERD.



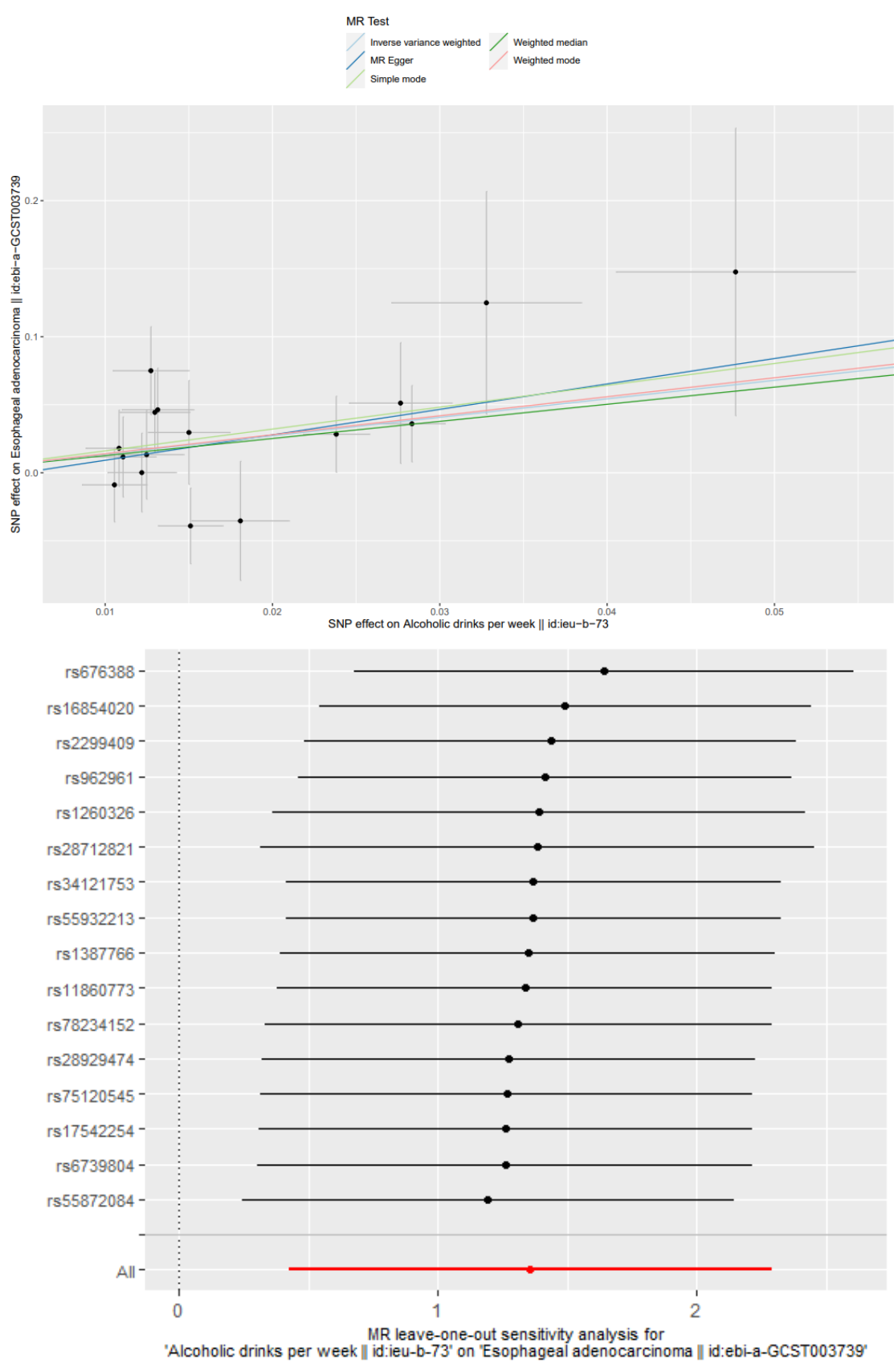


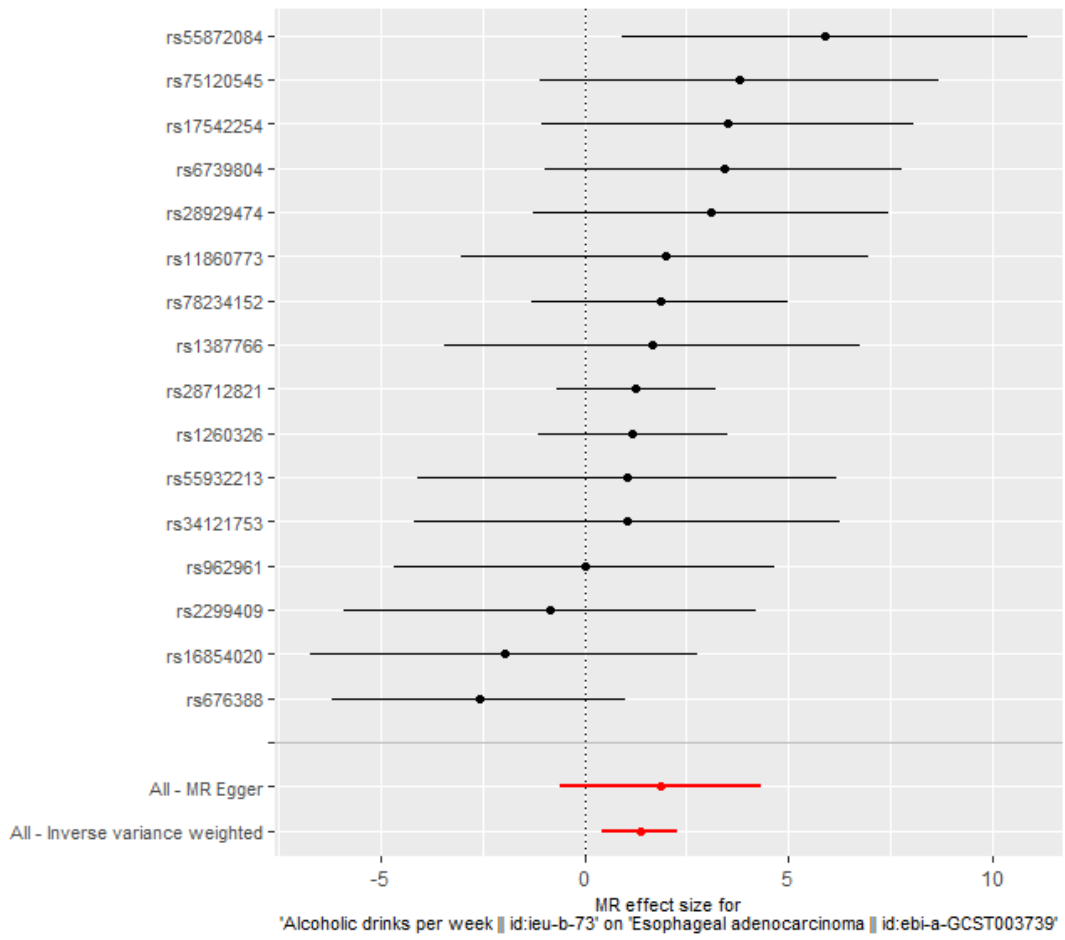
Supplementary Figure 43. Scatter plot, leave-one-out plot and forest plot for the effect of Alcoholic drinks per week on BE.



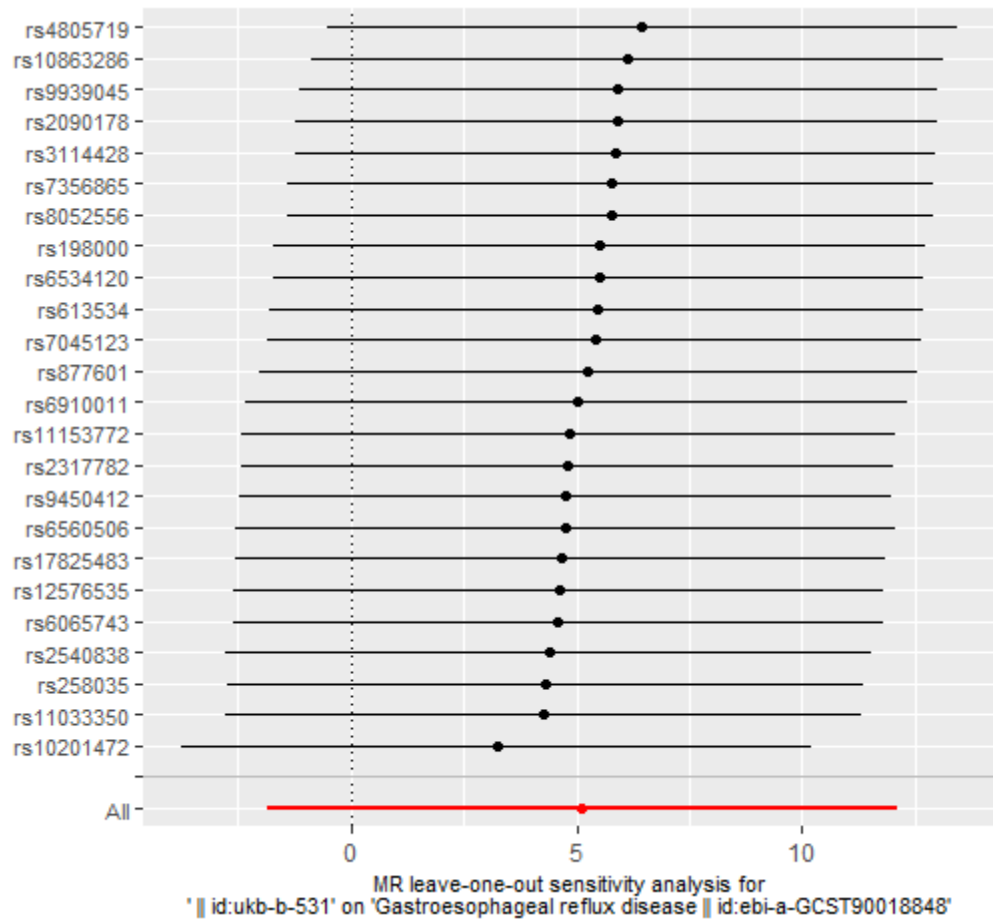
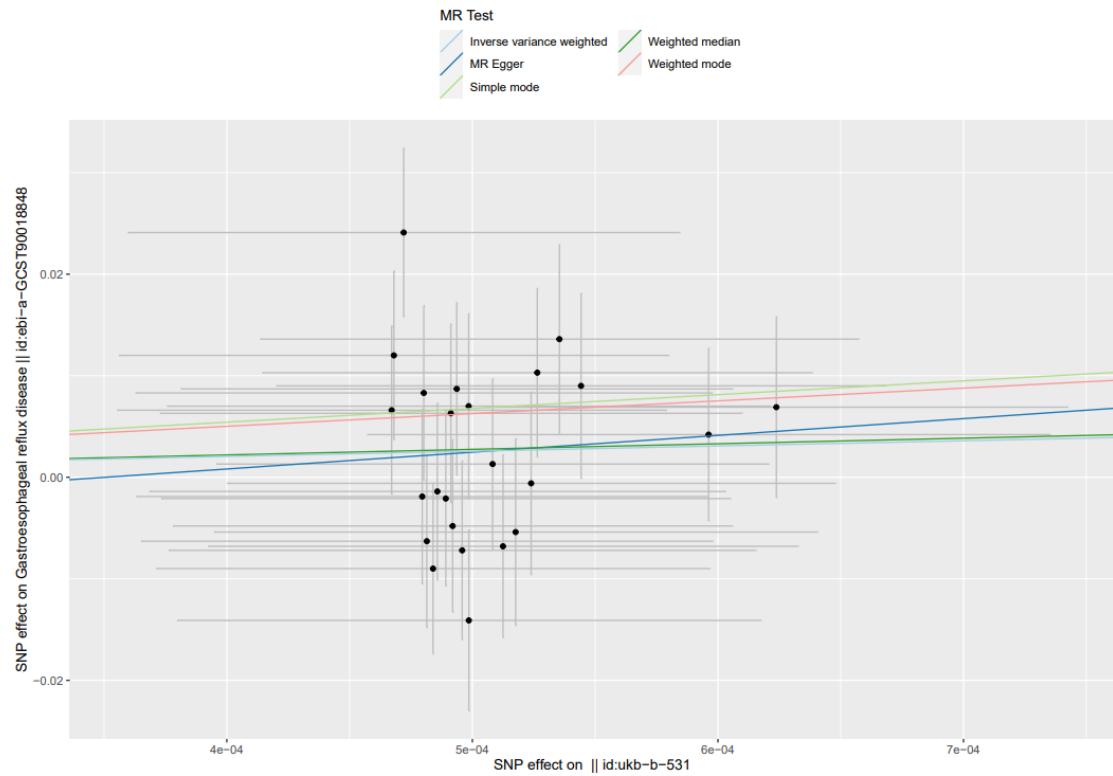


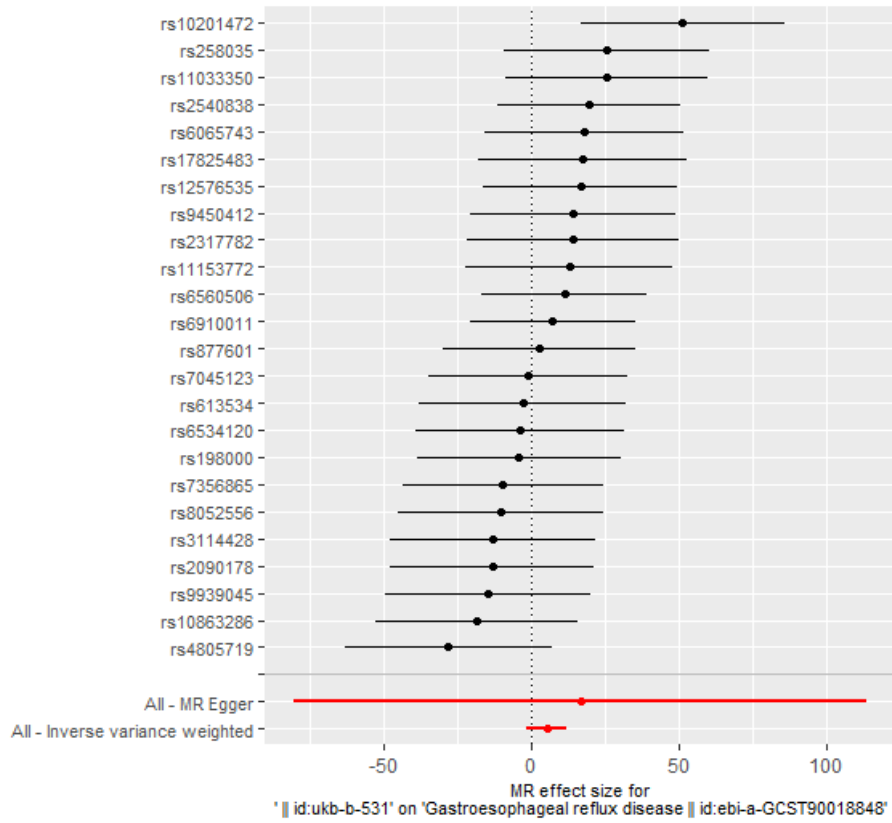
Supplementary Figure 44. Scatter plot, leave-one-out plot and forest plot for the effect of Alcoholic drinks per week on EA.



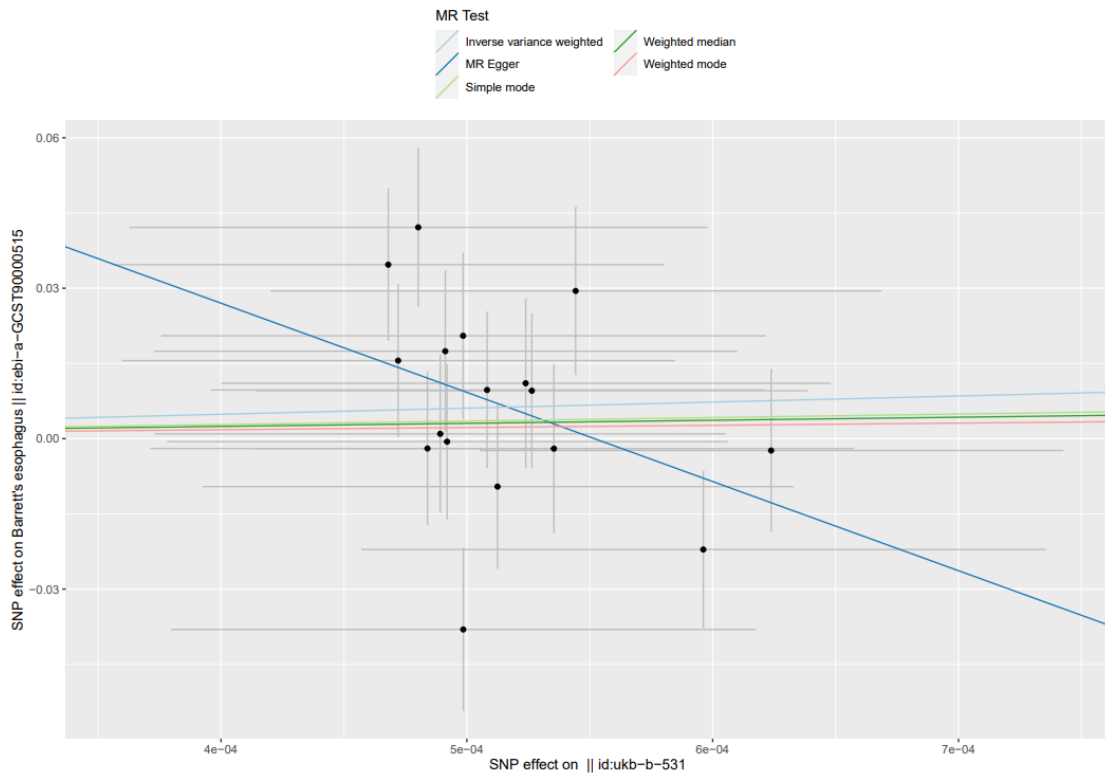


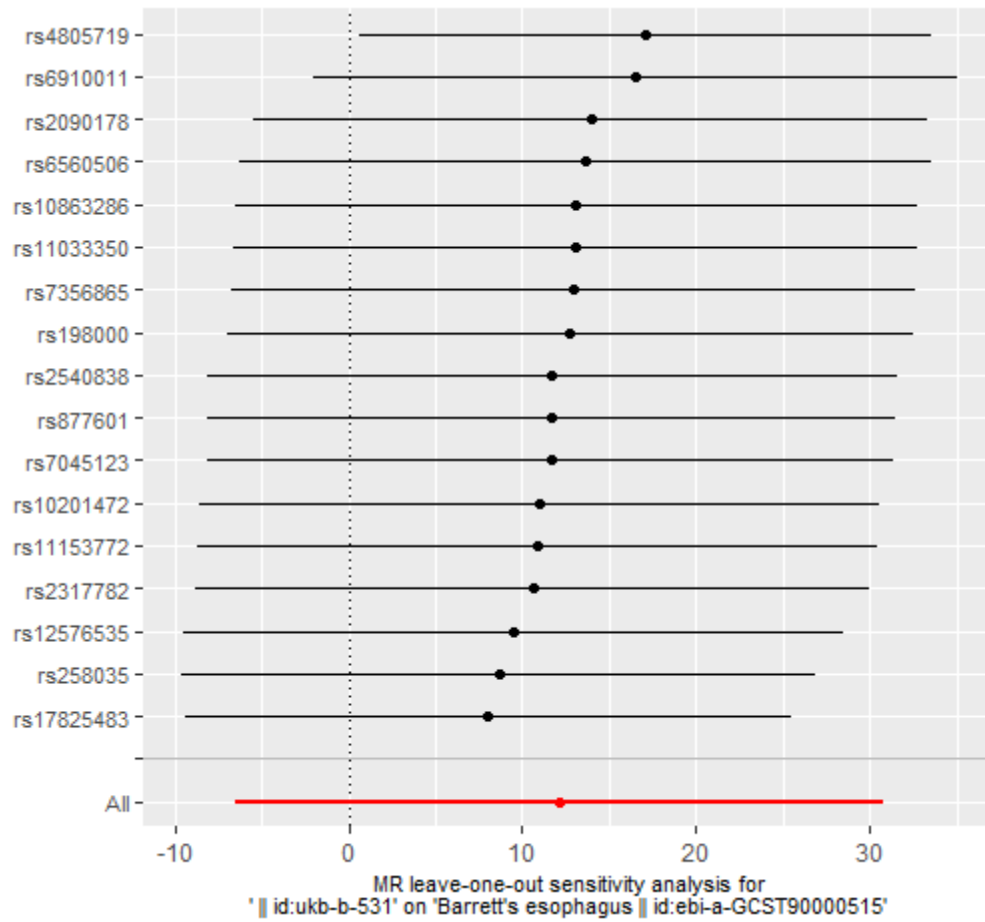
Supplementary Figure 45. Scatter plot, leave-one-out plot and forest plot for the effect of *Helicobacter pylori* on GERD.

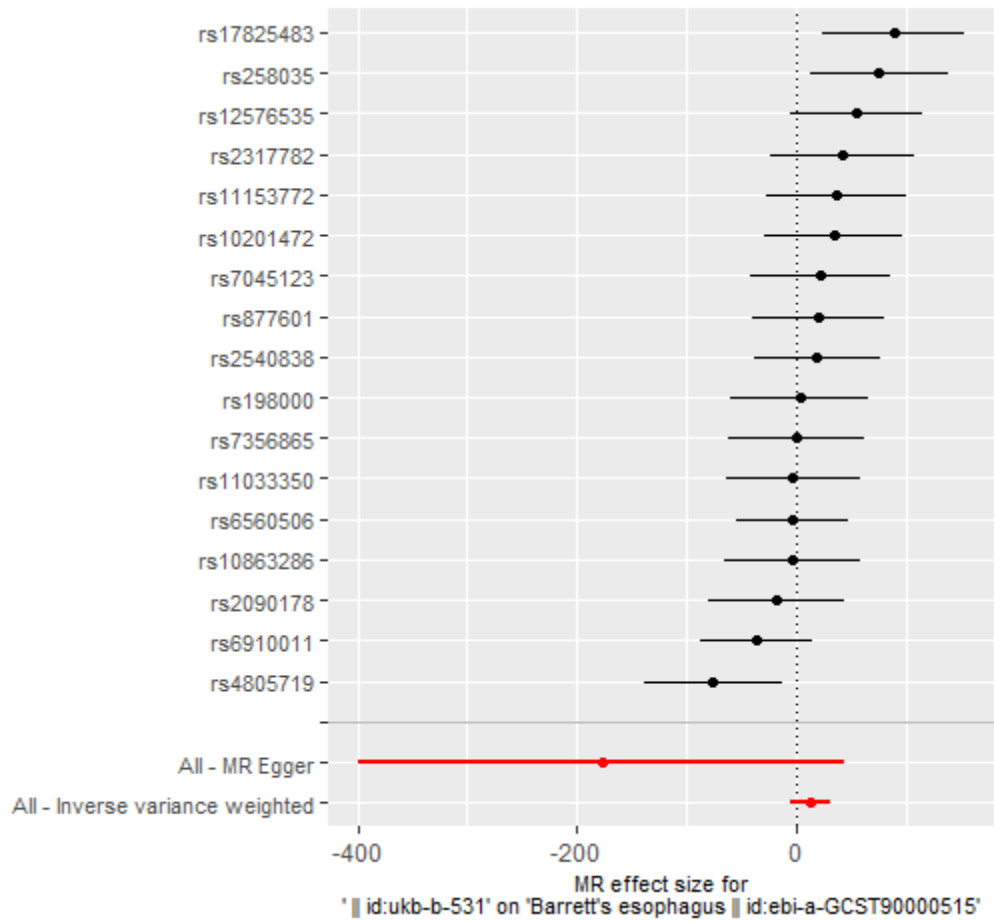




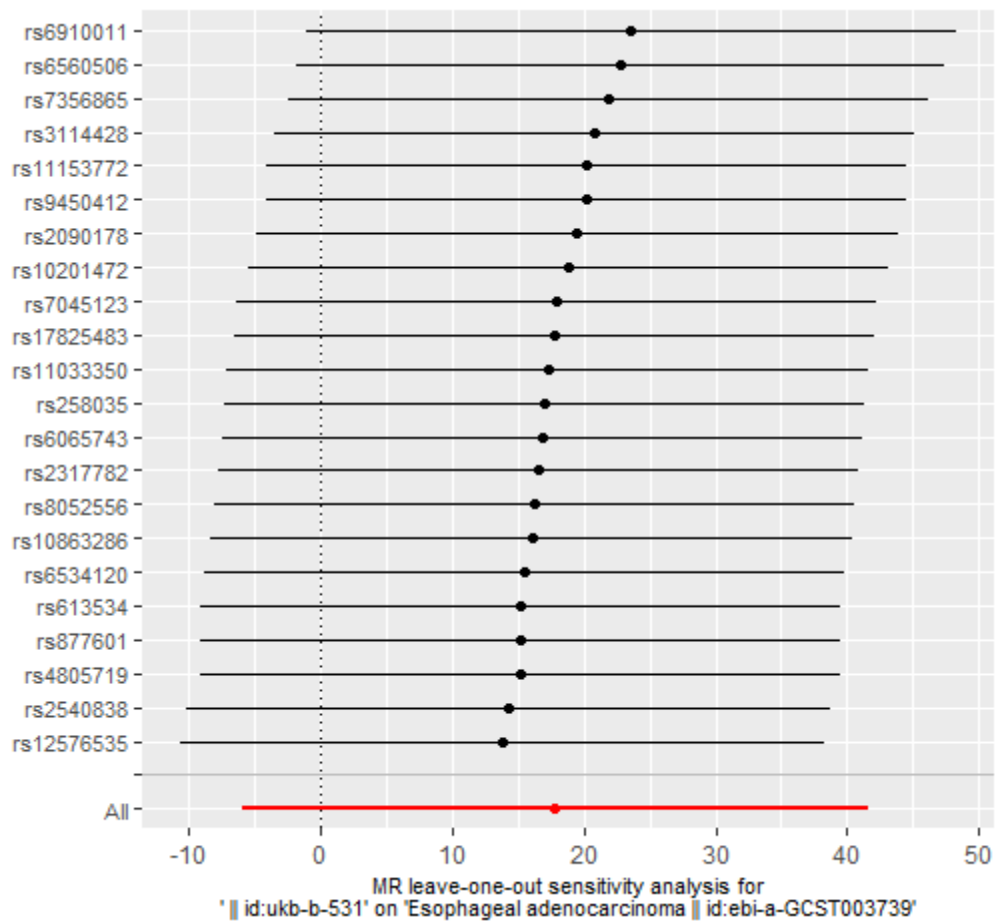
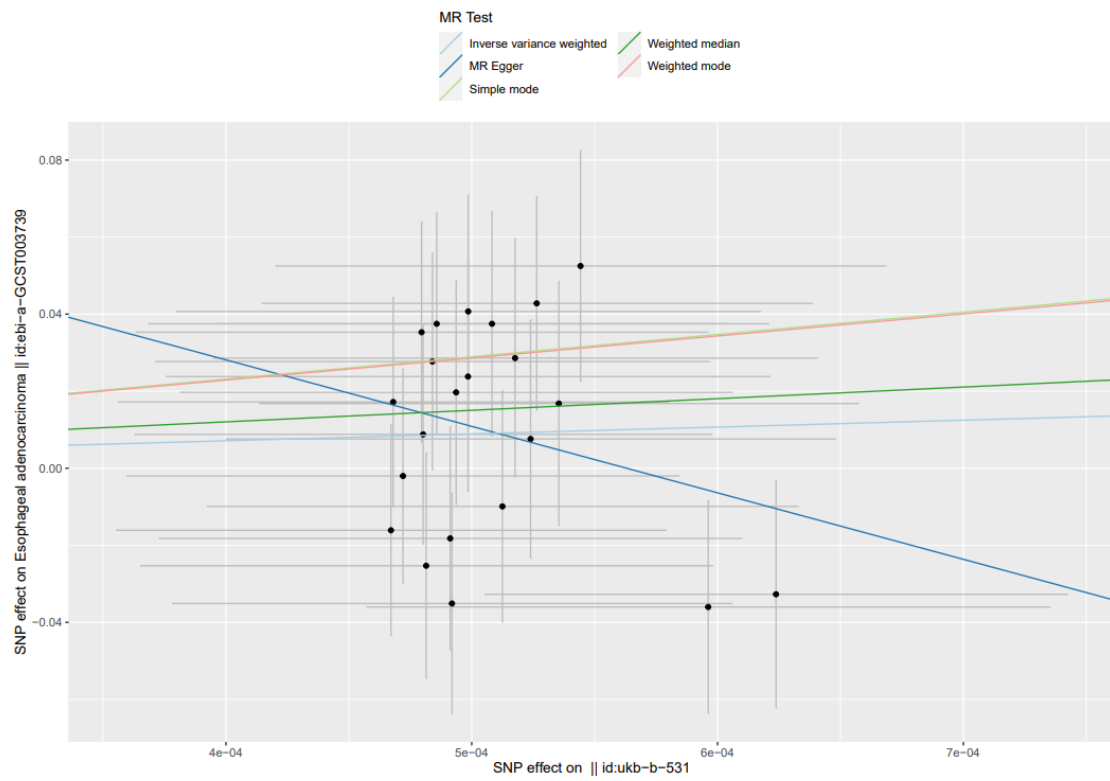
Supplementary Figure 46. Scatter plot, leave-one-out plot and forest plot for the effect of *Helicobacter pylori* on BE.

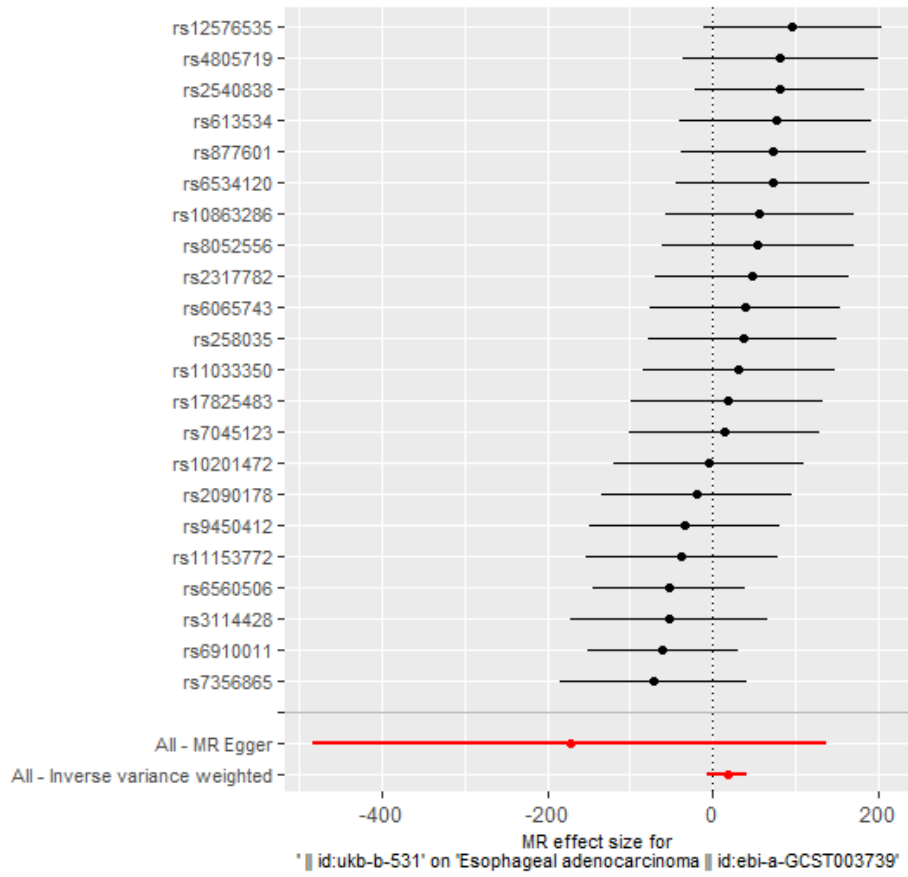






Supplementary Figure 47. Scatter plot, leave-one-out plot and forest plot for the effect of *Helicobacter pylori* on EA.





Supplementary Table 1 Gestational duration, gestational age, and birth weight removed SNPs in univariate Mendelian randomization of GERD, BE, and EA.

Exposure	Outcome	Remove ambiguous palindromic SNPs	Remove SNPs associated with confounders	Remove horizontal pleiotropic outliers SNPs
Gestational duration	GERD	rs12448482; rs1325908; rs8056893	rs1557256, rs6580962, rs79435328	NA
	BE	rs1557256; rs6580962	rs12448482 rs8056893	NA
	EA	rs1557256; rs6580962; rs79435328	rs12448482 rs1325908 rs8056893	NA
Early preterm birth	GERD	rs112090326; rs72697611; rs72916412; rs76614829	NA	NA
	BE	rs72697611	NA	NA
	EA	rs112090326; rs72697611; rs72916412; rs76614829	NA	NA
Preterm birth	GERD	rs113832094; rs11990475; rs150470665	NA	NA
	BE	rs11990475	NA	NA
	EA	rs113832094; rs11990475; rs150470665	NA	NA
Post term birth	GERD	rs113586587; rs12416129; rs7607470; rs76528922; rs79739890	NA	NA
	BE	NA	NA	NA
	EA	rs113586587; rs12416129; rs7607470; rs76528922; rs79739890	NA	NA
Birth Weight	GERD	rs6040076	rs1187118 rs1351394 rs1415701 rs35261542 rs3753639 rs79237883 rs3780573	rs72833480
	BE	rs6040076	rs1351394 rs1187118 rs1415701 rs35261542 rs7854962 rs3780573	NA
	EA	rs10830963; rs1187118; rs2168443; rs2229742; rs6040076; rs7854962; rs9368777	rs1351394 rs1187118 rs1415701 rs35261542 rs3753639 rs79237883 rs3780573	NA

Supplementary Table 2 The univariable MR analysis results of the causal effects of Gestational duration, gestational age, and birth weight

Exposure	Outcome	nSNPs	F-statistic	Pleiotropy test		Heterogeneity test			IVW method	Odds ratio (95%CI)	P-value
				MR-Egger Intercept	P-value	Cochran's Q-statistic	P of Cochran's Q-statistic	Q degrees of freedom			
Gestational duration	GERD	27	199.63	0.007599052	1.62E-01	13.71488	9.77E-01	26	fixed effects IVW	0.94(0.84-1.06)	3.45E-01
	BE	15	124.72	-0.007820909	8.00E-01	21.43235	9.11E-02	14	fixed effects IVW	1.13(0.82-1.55)	4.70E-01
	EA	27	199.63	0.006831787	7.21E-01	22.42189	6.65E-01	26	fixed effects IVW	1.12(0.76-1.64)	6.06E-01
Early preterm birth	GERD	19	47.36	-0.005918159	6.89E-01	14.60764	6.89E-01	18	fixed effects IVW	1.01(0.99-1.03)	3.06E-01
	BE	8	34.87	-0.01698727	6.05E-01	10.66845	1.54E-01	7	fixed effects IVW	1.02(0.98-1.07)	3.04E-01
	EA	19	47.36	-0.04087622	2.58E-01	15.58715	6.21E-01	18	fixed effects IVW	0.98(0.93-1.05)	6.04E-01
Preterm birth	GERD	13	60.31	-0.001931667	7.86E-01	9.873642	6.27E-01	12	fixed effects IVW	1.01(0.97-1.04)	6.46E-01
	BE	6	26.99	0.002123084	9.45E-01	1.631364	8.97E-01	5	fixed effects IVW	1.04(0.93-1.15)	5.29E-01
	EA	13	60.31	0.03335861	2.51E-01	9.389663	6.69E-01	12	fixed effects IVW	0.91(0.81-1.03)	1.75E-01
Post term birth	GERD	11	53.09	-0.01213559	1.93E-01	7.748294	6.53E-01	10	fixed effects IVW	1.01(0.96-1.06)	6.28E-01
	BE	4	34.29	0.0188836	4.84E-01	3.582608	3.10E-01	3	fixed effects IVW	0.91(0.79-1.05)	2.20E-01
	EA	11	53.09	-0.01713317	5.77E-01	8.302054	5.99E-01	10	fixed effects IVW	0.96(0.82-1.13)	6.48E-01
Birth Weight	GERD	41	740.38	0.006736529	2.53E-01	71.74164	1.52E-03	40	random effects IVW	0.78(0.69-0.89)	1.70E-04
	BE	32	607.81	-0.00922106	2.11E-01	108.4777	3.18E-02	83	random effects IVW	0.75(0.60-0.93)	7.74E-03
	EA	37	688.12	-0.005880528	7.63E-01	53.97534	2.75E-02	36	random effects IVW	0.80(0.53-1.20)	2.81E-01

on outcomes.

When there was significant pleiotropy (MR-Egger Intercept test $P < 0.05$), the MR-Egger model was used.

When there was significant heterogeneity ($P < 0.05$), the random-effect IVW model was used, otherwise the fixed-effect IVW model was used.

GERD, Gastroesophageal reflux disease; BE, Barrett's esophagus; EA, Esophageal adenocarcinoma.

Supplementary Table 3 The univariable MR analysis various methods of the causal effects of Gestational duration, gestational age, and birth weight on GERD, BE, EA.

Outcome	Exposure	nSNPs	OR (95%CI)	OR_lowci95%	OR_upci95%	P-value
GERD	Gestational duration					
	MR Egger	27	0.77	0.56	1.04	1.02E-01
	Weighted median	27	0.96	0.81	1.13	6.01E-01
	Inverse variance weighted (fixed effects)*	27	0.94	0.84	1.06	3.45E-01
	Inverse variance weighted (multiplicative random effects)	27	0.94	0.87	1.03	1.93E-01
	Early preterm birth					
	MR Egger	19	1.02	0.98	1.06	3.39E-01
	Weighted median	19	1.01	0.98	1.03	6.06E-01
	Inverse variance weighted (fixed effects)*	19	1.01	0.99	1.03	3.06E-01
	Inverse variance weighted (multiplicative random effects)	19	1.01	0.99	1.02	2.56E-01
	Preterm birth					
	MR Egger	13	1.02	0.95	1.09	6.44E-01
	Weighted median	13	1.01	0.96	1.06	6.79E-01
	Inverse variance weighted (fixed effects)*	13	1.01	0.97	1.04	6.46E-01
	Inverse variance weighted (multiplicative random effects)	13	1.01	0.98	1.04	6.13E-01
	Postterm birth					
	MR Egger	11	1.08	0.98	1.19	1.76E-01
	Weighted median	11	1.00	0.94	1.07	9.90E-01
	Inverse variance weighted (fixed effects)*	11	1.01	0.96	1.06	6.28E-01
	Inverse variance weighted (multiplicative random effects)	11	1.01	0.97	1.05	5.82E-01
Birth Weight						

	MR Egger	41	0.64	0.44	0.92	2.05E-02
	Weighted median	41	0.82	0.70	0.95	9.86E-03
	Inverse variance weighted (fixed effects)	41	0.78	0.71	0.86	4.78E-07
	Inverse variance weighted (multiplicative random effects)*	41	0.78	0.69	0.89	1.70E-04
Outcome						
BE	Gestational duration					
	MR Egger	15	1.48	0.18	12.16	7.22E-01
	Weighted median	15	1.46	0.94	2.27	9.32E-02
	Inverse variance weighted (fixed effects)*	15	1.13	0.82	1.55	4.70E-01
	Inverse variance weighted (multiplicative random effects)	15	1.13	0.76	1.67	5.59E-01
	Early preterm birth					
	MR Egger	8	1.06	0.91	1.24	4.51E-01
	Weighted median	8	1.01	0.95	1.08	6.79E-01
	Inverse variance weighted (fixed effects)*	8	1.02	0.98	1.07	3.04E-01
	Inverse variance weighted (multiplicative random effects)	8	1.02	0.97	1.08	4.05E-01
	Preterm birth					
	MR Egger	6	1.02	0.74	1.41	8.95E-01
	Weighted median	6	1.04	0.91	1.20	5.72E-01
	Inverse variance weighted (fixed effects)*	6	1.04	0.93	1.15	5.29E-01
	Inverse variance weighted (multiplicative random effects)	6	1.04	0.97	1.10	2.70E-01
	Postterm birth					
	MR Egger	4	0.80	0.56	1.13	3.37E-01
	Weighted median	4	0.84	0.70	1.01	6.94E-02
	Inverse variance weighted (fixed effects)*	4	0.91	0.79	1.05	2.20E-01
	Inverse variance weighted (multiplicative random effects)	4	0.91	0.78	1.07	2.61E-01

Birth Weight						
	MR Egger	32	0.62	0.27	1.39	2.54E-01
	Weighted median	32	0.65	0.49	0.86	2.79E-03
	Inverse variance weighted (fixed effects)	32	0.75	0.61	0.91	4.44E-03
	Inverse variance weighted (multiplicative random effects)*	32	0.75	0.60	0.93	7.74E-03
Outcome						
EA	Gestational duration					
	MR Egger	27	0.92	0.29	2.88	8.82E-01
	Weighted median	27	1.20	0.67	2.16	5.43E-01
	Inverse variance weighted (fixed effects)*	27	1.12	0.74	1.69	6.06E-01
	Inverse variance weighted (multiplicative random effects)	27	1.12	0.76	1.64	5.78E-01
	Early preterm birth					
	MR Egger	19	1.06	0.92	1.22	4.14E-01
	Weighted median	19	0.98	0.90	1.07	6.31E-01
	Inverse variance weighted (fixed effects)*	19	0.98	0.93	1.05	6.04E-01
	Inverse variance weighted (multiplicative random effects)	19	0.98	0.93	1.04	5.77E-01
	Preterm birth					
	MR Egger	13	0.78	0.58	1.04	1.19E-01
	Weighted median	13	0.89	0.74	1.07	2.17E-01
	Inverse variance weighted (fixed effects)*	13	0.91	0.80	1.04	1.75E-01
	Inverse variance weighted (multiplicative random effects)	13	0.91	0.81	1.03	1.25E-01
	Postterm birth					
	MR Egger	11	1.05	0.73	1.52	7.81E-01
	Weighted median	11	0.85	0.67	1.08	1.74E-01
	Inverse variance weighted (fixed effects)*	11	0.96	0.81	1.14	6.48E-01

Inverse variance weighted (multiplicative random effects)	11	0.96	0.82	1.13	6.16E-01
Birth Weight					
MR Egger	37	0.95	0.29	3.16	9.36E-01
Weighted median	37	0.52	0.31	0.88	1.46E-02
Inverse variance weighted (fixed effects)	37	0.80	0.57	1.12	1.87E-01
Inverse variance weighted (multiplicative random effects)*	37	0.80	0.53	1.20	2.81E-01

*: When there was significant pleiotropy (MR-Egger Intercept test $P < 0.05$), the MR-Egger model was used. When there was significant heterogeneity ($P < 0.05$), the random-effect IVW model was used, otherwise the fixed-effect IVW model was used.

GERD, Gastroesophageal reflux disease; BE, Barrett's esophagus; EA, Esophageal adenocarcinoma.

Supplementary Table 4 Removed SNPs in univariate Mendelian randomization of Birth weight on risk factors.

Exposure	Outcome	Remove ambiguous palindromic SNPs	Remove SNPs associated with confounders	Remove horizontal pleiotropic outliers SNPs
birth weight	Educational attainment	rs6040076, rs9368777	NA	rs1351394, rs2946179
birth weight	Body mass index	rs6040076	rs10830963, rs11720108, rs1351394, rs13266210, rs2497304, rs35261542	rs10818797, rs1415701, rs7854962, rs7998537
birth weight	Height	NA	rs10818797, rs11720108, rs1351394, rs1819436, rs2131354, rs2168443, rs3780573 rs41311445, rs4144829, rs7964361, rs798498	rs11765649, rs12543725, rs134594, rs7575873, rs900399
birth weight	Weight	rs6040076	rs1187118, rs1351394, rs1415701, rs144843919, rs2131354, rs3753639, rs3780573, rs41311445, rs4144829, rs79237883, rs798498	rs11720108, rs12543725, rs13266210, rs1819436, rs35261542, rs6016377
birth weight	Major Depressive Disorder	rs10830963, rs1187118, rs2168443, rs2229742, rs6040076, rs7854962, rs9368777	rs79237883, rs3780573, rs79237883,	NA
birth weight	Cigarettes smoked per day	rs6040076, rs9368777	rs1187118, rs1351394, rs1415701, rs35261542 rs3753639, rs79237883, rs7854962	rs11765649
birth weight	Alcoholic drinks per week	rs6040076, rs9368777	rs1351394, rs3780573, rs79237883, rs7854962	rs11765649
birth weight	Helicobacter pylori	rs6040076, rs9368777	NA	NA

Supplementary Table 5 The univariable MR analysis results of the causal effects of birth weight on risk factors.

Exposure	Outcome	nSNPs	F-statistic	Heterogeneity			Pleiotropy test		IVW method	Odds ratio (95%CI)	P-value
				Cochran's Q-statistic	Q degrees of freedom	P of Cochran's Q-statistic	MR-Egger Intercept	P-value			
Birth weight	Educational attainment	46	828.13	64.94806	45	2.73E-02	-4.40E-03	4.66E-01	random effects IVW	1.15(1.01-1.31)	2.96E-02
Birth weight	Body mass index	28	509.93	60.44129	27	2.31E-04	1.11E-03	5.76E-01	random effects IVW	1.06(1.02-1.10)	2.75E-03
Birth weight	Height	9	160.61	16.96410	8	3.05E-02	-3.61E-04	9.12E-01	random effects IVW	1.12(1.06-1.19)	9.06E-05
Birth weight	Weight	32	578.32	74.77627	31	1.76E-05	1.48E-03	3.45E-01	random effects IVW	1.13(1.10-1.18)	2.71E-12
Birth weight	Major Depressive Disorder	41	833.99	53.83634	40	7.07E-02	-3.66E-04	9.44E-01	fixed effects IVW	0.97(0.89-1.06)	5.38E-01
Birth weight	Cigarettes smoked per day	39	705.91	50.24968	38	8.82E-02	4.29E-04	9.00E-01	fixed effects IVW	1.03(0.96-1.09)	4.20E-01
Birth weight	Alcoholic drinks per week	42	779.00	60.19324	41	2.69E-02	5.63E-04	6.46E-01	random effects IVW	1.03(1.00-1.06)	3.35E-02
Birth weight	Helicobacter pylori	28	732.60	33.54063	27	1.80E-01	4.31E-06	9.59E-01	fixed effects IVW	1.00(1.00-1.00)	9.46E-01

Pleiotropy test: When there was significant pleiotropy (MR-Egger Intercept test $P < 0.05$), the MR-Egger model was used.

IVW method: When there was significant heterogeneity ($P < 0.05$), the random-effect IVW model was used, otherwise the fixed-effect IVW model was used.

GERD, Gastroesophageal reflux disease; BE, Barrett's esophagus; EA, Esophageal adenocarcinoma.

Supplementary Table 6 The univariable MR analysis various methods of the causal effects of birth weight on risk factors.

Exposure	Mediator	nSNPs	OR (95%CI)	OR_lowci95%	OR_upci95%	P-value
Birth Weight	Educational attainment (years of education)					
	MR Egger	46	1.31	0.91	1.88	1.52E-01
	Weighted median	46	1.05	0.89	1.23	5.83E-01
	Inverse variance weighted (fixed effects)	46	1.15	1.04	1.28	8.97E-03
	Inverse variance weighted (multiplicative random effects)*	46	1.15	1.01	1.31	2.96E-02
	Body mass index					
	MR Egger	28	1.02	0.90	1.16	7.62E-01
	Weighted median	28	1.06	1.02	1.10	4.43E-03
	Inverse variance weighted (fixed effects)	28	1.06	1.03	1.08	7.48E-06
	Inverse variance weighted (multiplicative random effects)*	28	1.06	1.02	1.10	2.75E-03

Height					
MR Egger	9	1.14	0.93	1.39	2.59E-01
Weighted median	9	1.09	1.03	1.15	3.97E-03
Inverse variance weighted (fixed effects)	9	1.12	1.08	1.17	1.20E-08
Inverse variance weighted (multiplicative random effects)*	9	1.12	1.06	1.19	9.06E-05
Weight					
MR Egger	32	1.09	0.98	1.20	1.15E-01
Weighted median	32	1.10	1.06	1.14	6.71E-08
Inverse variance weighted (fixed effects)	32	1.13	1.11	1.16	1.80E-27
Inverse variance weighted (multiplicative random effects)*	32	1.13	1.10	1.18	2.71E-12
Major Depressive Disorder					
MR Egger	41	0.98	0.72	1.34	9.14E-01
Weighted median	41	1.02	0.89	1.17	7.62E-01
Inverse variance weighted (fixed effects)*	41	0.97	0.89	1.06	5.38E-01
Inverse variance weighted (multiplicative random effects)	41	0.97	0.88	1.08	5.95E-01
Cigarettes smoked per day					
MR Egger	39	1.01	0.83	1.25	8.94E-01
Weighted median	39	1.01	0.92	1.12	7.74E-01
Inverse variance weighted (fixed effects)*	39	1.03	0.96	1.09	4.20E-01
Inverse variance weighted (multiplicative random effects)	39	1.03	0.95	1.11	4.83E-01
Alcoholic drinks per week					
MR Egger	42	1.01	0.94	1.09	7.55E-01
Weighted median	42	1.02	0.98	1.05	3.23E-01
Inverse variance weighted (fixed effects)*	42	1.03	1.01	1.05	9.98E-03

Inverse variance weighted (multiplicative random effects)*	42	1.03	1.00	1.06	3.35E-02
Helicobacter pylori					
MR Egger	28	1.00	0.99	1.01	9.47E-01
Weighted median	28	1.00	1.00	1.00	8.00E-01
Inverse variance weighted (fixed effects)*	28	1.00	1.00	1.00	9.46E-01
Inverse variance weighted (multiplicative random effects)	28	1.00	1.00	1.00	9.52E-01

*: When there was significant pleiotropy (MR-Egger Intercept test $P < 0.05$), the MR-Egger model was used. When there was significant heterogeneity ($P < 0.05$), the random-effect IVW model was used, otherwise the fixed-effect IVW model was used.

GERD, Gastroesophageal reflux disease; BE, Barrett's esophagus; EA, Esophageal adenocarcinoma.

Supplementary Table 7 Removed SNPs in univariate Mendelian randomization of risk factors on GERD, BE, and EA.

Exposure	Outcome	Remove ambiguous palindromic SNPs	Remove SNPs associated with confounders	Remove horizontal pleiotropic outliers SNPs
Educational attainment	GERD	rs10818604, rs11915747, rs12438542, rs1455350, rs175325, rs2545798, rs2614463, rs4917168, rs7548936	rs10058365 rs10189857 rs11214468 rs11249939 rs11720121 rs11764590 rs117799466 rs12076635 rs12967855 rs1334297 rs1369128 rs1452075 rs1566085 rs1620977 rs1689510 rs1788783 rs1812587 rs185291 rs1964927 rs1980251 rs215632 rs2309812 rs2411453 rs2570497 rs2725371 rs2820313 rs324801 rs34470581 rs34945223 rs35039375 rs35091253 rs35999162 rs363096 rs417968 rs4246167 rs4700393 rs4808766 rs6071573 rs613872 rs61787785 rs62182125 rs62253608 rs660001 rs6935954 rs7070693 rs72674898 rs76608582 rs7675394 rs7966054 rs9372625	NA
	BE	rs10818604, rs12438542, rs1455350, rs2545798, rs2614463, rs4917168	rs10058365 rs10189857 rs11214468 rs11249939 rs11720121 rs11764590 rs11915747 rs12076635 rs12967855 rs1334297 rs1369128 rs1452075 rs1566085 rs1620977 rs1689510 rs1788783 rs1812587 rs185291 rs1964927 rs215632 rs2309812 rs2411453 rs2570497 rs2820313 rs324801 rs34470581 rs34945223 rs35091253 rs35999162 rs363096 rs417968 rs4246167 rs4700393 rs6071573 rs613872 rs61787785 rs62182125 rs62253608 rs660001 rs6935954 rs7070693 rs7548936 rs7675394 rs7966054 rs9372625	NA
	EA	rs10760023, rs10818604, rs11604034, rs117799466, rs118083122, rs11915747, rs12076635, rs12438542, rs1455350, rs1569266, rs1689510, rs175325, rs2299098, rs2545798, rs2614463, rs35999162, rs3747631, rs42210, rs4757957, rs4808766, rs4917168, rs55859553, rs61787785, rs6682095, rs67651814, rs73040036, rs75033012, rs7548936, rs7580304, rs76878669, rs78452560, rs7987170	rs10058365 rs10189857 rs11214468 rs11249939 rs11720121 rs11764590 rs12967855 rs1334297 rs1369128 rs1452075 rs1566085 rs1620977 rs1788783 rs1812587 rs185291 rs1964927 rs1980251 rs215632 rs2309812 rs2411453 rs2570497 rs2725371 rs2820313 rs324801 rs34470581 rs34945223 rs35039375 rs35091253 rs35811586 rs363096 rs4246167 rs4700393 rs613872 rs62182125 rs62253608 rs660001 rs6935954 rs7070693 rs72674898 rs76608582 rs7675394 rs7966054 rs9372625	NA
BMI	GERD	rs705217, rs806600, rs10887578, rs1144387, rs13047416, rs138289, rs1436344, rs1454687, rs1521527, rs1624134, rs189843, rs2163188, rs2174307, rs2284746, rs2643452, rs355777, rs486359, rs6011457, rs6595205, rs6815910,	rs10169594 rs10747488 rs10878946 rs11066188 rs1158805 rs11713193 rs11855853 rs11889536 rs12150665 rs1260326 rs12680842 rs13021737 rs13107325 rs13132853 rs13240600 rs1421334 rs1452075 rs1465900 rs1503526 rs16903285 rs17207196 rs17424296 rs1993709 rs2051559 rs215634 rs2325036 rs273504 rs2820311 rs3754963 rs3800229 rs3828783 rs4516268 rs4653017 rs4818225 rs4851029	rs13250058

	rs7025938	rs491711 rs4937870 rs4981693 rs6265 rs6461115 rs6545714 rs6561943 rs663129 rs7024334 rs705704 rs709400 rs7124681 rs7144011 rs7239575 rs7334078 rs7498665 rs7551507 rs7640424 rs8047395 rs8097672 rs889398 rs901630 rs9379827 rs9478671 rs9522285	
BE	rs10887578, rs1144387, rs138289, rs1454687, rs1521527, rs189843, rs2163188, rs2284746, rs2643452, rs486359, rs6011457, rs6595205, rs6815910	rs10169594 rs10747488 rs10878946 rs11066188 rs1158805 rs11713193 rs11855853 rs11889536 rs12150665 rs1260326 rs12680842 rs12905439 rs13021737 rs13107325 rs13132853 rs13240600 rs1421334 rs1452075 rs1465900 rs1503526 rs16903285 rs17207196 rs17424296 rs1993709 rs2051559 rs215634 rs2325036 rs273504 rs2820311 rs3754963 rs3800229 rs3814883 rs3828783 rs4516268 rs4653017 rs4818225 rs4851029 rs491711 rs4937870 rs4981693 rs6265 rs6461115 rs6545714 rs6561943 rs663129 rs7024334 rs705704 rs709400 rs7124681 rs7144011 rs7239575 rs7334078 rs7498665 rs7551507 rs7640424 rs8047395 rs8097672 rs889398 rs901630 rs9379827 rs9478671 rs9522285	rs380857, rs3829849
EA	rs199783965, rs10832778, rs10858334, rs10887578, rs10962550, rs10984756, rs11105839, rs1144387, rs11505821, rs11736228, rs12422552, rs12546578, rs12675063, rs1285997, rs12905439, rs12922346, rs13047416, rs1330052, rs138289, rs1412235, rs1436344, rs1454687, rs1521527, rs156201, rs1624134, rs17499593, rs1784460, rs189843, rs2124499, rs2163188, rs2174307, rs2284746, rs2543132, rs2643452, rs2875762, rs355777, rs3754963, rs3904244, rs3935648, rs4589691, rs4800191, rs486359, rs538579, rs6011457, rs6235, rs6512302, rs6595205, rs6712, rs6815910, rs7025938, rs7206608, rs754635, rs7615297, rs7761673, rs7871866, rs8027205, rs8097672, rs895330, rs9304665, rs9816226	rs10169594 rs10747488 rs10878946 rs11066188 rs1158805 rs11713193 rs11855853 rs11889536 rs12150665 rs1260326 rs12680842 rs13021737 rs13107325 rs13132853 rs13240600 rs1421334 rs1452075 rs1465900 rs1503526 rs16903285 rs17207196 rs17424296 rs1993709 rs2051559 rs215634 rs2325036 rs273504 rs2820311 rs3800229 rs3814883 rs3828783 rs4516268 rs4653017 rs4818225 rs4851029 rs491711 rs4937870 rs4981693 rs6265 rs6461115 rs6545714 rs6561943 rs663129 rs7024334 rs705704 rs709400 rs7124681 rs7144011 rs7239575 rs7334078 rs7498665 rs7551507 rs7640424 rs8047395 rs889398 rs901630 rs9379827 rs9478671 rs9522285	NA
Height	GERD	rs10215082 rs10412176 rs10422762 rs1042725 rs10838738 rs11060333 rs11172113 rs11209745 rs116648994 rs11708067 rs12206717 rs12782153 rs13043958 rs13675 rs1443749 rs153663 rs16952251 rs17391694 rs17782313 rs2021965 rs2090409 rs2721939 rs2726491 rs2780226 rs28422051 rs34473884 rs35676314 rs3756668	rs10507170

		rs38015 rs4532349 rs45446698 rs4640244 rs4687657 rs4865614 rs4923590 rs522377 rs55786114 rs56199929 rs5742915 rs599839 rs6038557 rs61010704 rs6512577 rs6723226 rs67602344 rs6779903 rs6919434 rs7081213 rs708723 rs71385734 rs7153027 rs720390 rs72799376 rs757608 rs7643792 rs76602912 rs77169818 rs77330849 rs7953929 rs807024 rs9319153 rs9337 rs9384679 rs960006 rs9888258	
BE	rs1021312, rs11164662, rs11233117, rs1344672, rs2235547, rs2284746, rs7652177, rs809871, rs9844162	rs10215082 rs10422762 rs1042725 rs10740118 rs10838738 rs11060333 rs11172113 rs11209745 rs11708067 rs12206717 rs12782153 rs13043958 rs13675 rs1443749 rs16952251 rs17391694 rs17782313 rs2021965 rs2090409 rs2721939 rs2726491 rs2780226 rs28422051 rs3756668 rs38015 rs4532349 rs4640244 rs4687657 rs4865614 rs4923590 rs522377 rs56199929 rs5742915 rs599839 rs6038557 rs61010704 rs6512577 rs6723226 rs67602344 rs6779903 rs6919434 rs7081213 rs708723 rs71385734 rs7153027 rs720390 rs72799376 rs757608 rs7643792 rs77169818 rs7953929 rs807024 rs9319153 rs9337 rs9384679 rs960006 rs9888258	rs12328732, rs143384, rs848638
EA	rs1021312, rs1045396, rs1049193, rs10740118, rs10826581, rs10849094, rs11164662, rs111997837, rs11233117, rs113388806, rs114463080, rs1149, rs12121476, rs12638147, rs12962513, rs12985346, rs1327313, rs1344672, rs145557463, rs172179, rs184691263, rs2011981, rs2229080, rs2230008, rs2235547, rs2270571, rs2284746, rs2585405, rs2599459, rs2640511, rs2909787, rs351376, rs3763631, rs41284185, rs45480992, rs4788815, rs4969471, rs61748237, rs62273902, rs7261425, rs72733526, rs72921680, rs7403118, rs7652177, rs77169818, rs7953929, rs809871, rs822552, rs894358, rs9337, rs9517459, rs9844162	rs10215082 rs10412176 rs10422762 rs1042725 rs10838738 rs11060333 rs11172113 rs11209745 rs116648994 rs11708067 rs12206717 rs12782153 rs13043958 rs13675 rs1443749 rs153663 rs16952251 rs17391694 rs17782313 rs2021965 rs2090409 rs2721939 rs2726491 rs2780226 rs28422051 rs34473884 rs35676314 rs3756668 rs38015 rs4532349 rs45446698 rs4640244 rs4687657 rs4865614 rs4923590 rs522377 rs55786114 rs56199929 rs5742915 rs599839 rs6038557 rs61010704 rs6512577 rs6723226 rs67602344 rs6779903 rs6919434 rs7081213 rs708723 rs71385734 rs7153027 rs720390 rs72799376 rs757608 rs7643792 rs77330849 rs807024 rs9319153 rs9384679 rs960006 rs9888258	NA
Weight	GERD	rs10018743 rs10087241 rs10092992 rs10128597 rs10237306 rs10403370 rs10404726 rs10507483 rs1064213 rs10738451 rs10744145 rs10754132 rs10791098 rs10886022 rs10914684 rs10932351 rs10938398 rs10965250 rs11065983 rs11159347 rs11161044 rs11205614 rs11245450 rs113866544 rs11538 rs116374395 rs11642430 rs11673702 rs1187321 rs11907932 rs12034991 rs12044597 rs1209058 rs12140153 rs12193797 rs12254441 rs12375196 rs12435171 rs12444338	NA

	rs12467798 rs12516382 rs1260326 rs12613488 rs1266874 rs12682601 rs1285245 rs12879453 rs12926311 rs1294093 rs12995314 rs13022164 rs1376749 rs1412234 rs141622900 rs1421085 rs147143810 rs1521624 rs1575676 rs1592269 rs1652376 rs16903285 rs17024393 rs17041013 rs17320964 rs17399739 rs17615494 rs17724992 rs1789166 rs1967772 rs1973993 rs2016469 rs2070971 rs2102278 rs2168711 rs2182717 rs2227312 rs2237897 rs2277339 rs2289379 rs2293576 rs2307111 rs2307143 rs2340010 rs2373962 rs2465043 rs2482395 rs2568958 rs2600223 rs2644135 rs2693838 rs2733287 rs2737226 rs2744953 rs28375268 rs2838762 rs28462076 rs28530689 rs28671107 rs28706770 rs288180 rs2902406 rs2952863 rs2976384 rs3218036 rs329118 rs33503 rs33836 rs34172651 rs34178055 rs34421088 rs34517439 rs35560038 rs35735971 rs373907 rs3741499 rs3746759 rs3790116 rs3798519 rs3802858 rs3803286 rs3853475 rs4076427 rs4076457 rs4244585 rs4405740 rs4438748 rs4477562 rs4596205 rs4613239 rs4660443 rs4693327 rs4709746 rs4718964 rs4757142 rs4791212 rs4795608 rs4809327 rs4857330 rs491711 rs497756 rs5015933 rs543874 rs55928667 rs56784286 rs57307148 rs57774511 rs582399 rs6029180 rs60775983 rs61604727 rs61742688 rs61945850 rs62006962 rs6235 rs6265 rs640494 rs6428016 rs6477694 rs6489159 rs6542924 rs6602151 rs6658132 rs668871 rs6892616 rs6967626 rs7027304 rs7132908 rs71495039 rs721183 rs7232636 rs72697614 rs72784229 rs72948836 rs73455693 rs7377083 rs73985439 rs742642 rs7498798 rs750090 rs7527901 rs754635 rs7561278 rs7584391 rs75936148 rs76040012 rs7619139 rs7675491 rs76895963 rs7715256 rs77165542 rs7728095 rs7735800 rs77499859 rs778433 rs77860422 rs7793111 rs77936594 rs7808180 rs7845090 rs7857936 rs7922813 rs7957774 rs8020365 rs8030161 rs8064802 rs8088179 rs8118253 rs823118 rs869400 rs879620 rs925018 rs9379832 rs9407669 rs9463175 rs947612 rs9522183 rs960024 rs9815604 rs9843653 rs9857204 rs9876664 rs9948863 rs9977386		
BE	rs10091265, rs10176176, rs10193397, rs1026534, rs10429537, rs11695297, rs12048049, rs133015, rs1811852, rs2297674, rs2453763, rs2902406, rs368064533, rs4776970, rs6976031, rs7720894, rs9407669, rs9820572	rs10092992 rs10128597 rs10237306 rs10507483 rs1064213 rs10738451 rs10744145 rs10791098 rs10914684 rs10932351 rs10965250 rs11159347 rs11161044 rs11205614 rs11245450 rs11538 rs11642430 rs11673702 rs1187321 rs12034991 rs12044597 rs1209058 rs12193797 rs12375196 rs12435171 rs12444338 rs12467798 rs12516382 rs1260326 rs12613488 rs1266874 rs12682601 rs1285245 rs1294093 rs12995314 rs13022164 rs1376749 rs1412234 rs1421085 rs1521624 rs1575676 rs1592269 rs1652376 rs16903285 rs17024393 rs17041013 rs17320964 rs17615494 rs17724992 rs1789166 rs1967772 rs1973993 rs2016469 rs2070971 rs2102278	rs143384, rs4839716, rs9295

EA	rs10091265, rs10176176, rs10193397, rs1026534, rs10429537, rs10754132, rs10937149, rs11161335, rs11183438, rs11205614, rs1144710, rs116353685, rs11642430, rs11695297, rs1187321, rs12048049, rs12443775, rs1285245, rs12926311, rs12964145, rs12969846, rs133015, rs17041013, rs1811852, rs227146, rs2297674, rs2340010, rs2358947, rs2373962, rs2453763, rs2644135, rs2854217, rs2902406, rs3176447, rs34920909, rs35560038, rs368064533, rs373907, rs376114, rs4076427, rs4370834, rs4613239, rs4693327, rs4776970, rs497756, rs56059850, rs58634836, rs6235, rs640494, rs6658132, rs6976031, rs71452082, rs71495039, rs72666705, rs7403118, rs74103241, rs7546249, rs754635, rs7619139, rs7720894, rs78470967, rs7947973, rs8020365, rs8118253, rs925018,	NA
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rs2168711 rs2182717 rs2227312 rs2277339 rs2289379 rs2293576 rs2307111
rs2307143 rs2340010 rs2373962 rs2465043 rs2482395 rs2568958 rs2644135
rs2693838 rs2733287 rs2737226 rs2744953 rs2838762 rs28462076 rs28530689
rs28671107 rs28706770 rs288180 rs2952863 rs2976384 rs3218036 rs329118
rs33503 rs34172651 rs34178055 rs34421088 rs35735971 rs373907 rs3741499
rs3746759 rs3790116 rs3798519 rs3802858 rs3803286 rs3853475 rs4076427
rs4076457 rs4244585 rs4438748 rs4477562 rs4596205 rs4660443 rs4693327
rs4718964 rs4757142 rs4795608 rs4809327 rs4857330 rs491711 rs497756
rs5015933 rs543874 rs55928667 rs57774511 rs582399 rs6029180 rs60775983
rs61604727 rs61742688 rs6235 rs6265 rs640494 rs6428016 rs6477694 rs6489159
rs6542924 rs6602151 rs6658132 rs668871 rs7132908 rs71495039 rs721183
rs7232636 rs72948836 rs7377083 rs73985439 rs742642 rs750090 rs7527901
rs754635 rs7561278 rs7584391 rs7619139 rs7675491 rs7715256 rs7735800
rs778433 rs77860422 rs7793111 rs77936594 rs7808180 rs7857936 rs7922813
rs7957774 rs8020365 rs8030161 rs8088179 rs8118253 rs823118 rs869400 rs879620
rs925018 rs9463175 rs947612 rs960024 rs9815604 rs9843653 rs9857204 rs9876664
rs10018743 rs10087241 rs10092992 rs10128597 rs10237306 rs10403370
rs10404726 rs10507483 rs1064213 rs10738451 rs10744145 rs10791098 rs10914684
rs10932351 rs10938398 rs10965250 rs11065983 rs11159347 rs11245450
rs113866544 rs11538 rs116374395 rs11673702 rs11907932 rs12034991 rs12044597
rs1209058 rs12140153 rs12193797 rs12254441 rs12375196 rs12435171 rs12444338
rs12467798 rs12516382 rs1260326 rs12613488 rs1266874 rs12682601 rs12879453
rs1294093 rs12995314 rs13022164 rs1376749 rs1412234 rs141622900 rs1421085
rs147143810 rs1521624 rs1575676 rs1592269 rs1652376 rs16903285 rs17024393
rs17320964 rs17399739 rs17615494 rs17724992 rs1789166 rs1967772 rs1973993
rs2016469 rs2070971 rs2102278 rs2168711 rs2182717 rs2227312 rs2237897
rs2277339 rs2289379 rs2293576 rs2307111 rs2307143 rs2465043 rs2482395
rs2568958 rs2600223 rs2693838 rs2733287 rs2737226 rs2744953 rs28375268
rs2838762 rs28462076 rs28530689 rs28671107 rs28706770 rs288180 rs2952863
rs2976384 rs3218036 rs329118 rs33503 rs33836 rs34172651 rs34178055
rs34421088 rs34517439 rs35735971 rs3741499 rs3746759 rs3790116 rs3798519
rs3802858 rs3803286 rs3853475 rs4076457 rs4244585 rs4405740 rs4438748
rs4477562 rs4596205 rs4660443 rs4709746 rs4718964 rs4757142 rs4791212
rs4795608 rs4809327 rs4857330 rs491711 rs5015933 rs543874 rs55928667

		rs9407669, rs9820572	rs56784286 rs57307148 rs57774511 rs582399 rs6029180 rs60775983 rs61604727 rs61742688 rs61945850 rs62006962 rs6265 rs6428016 rs6477694 rs6489159 rs6542924 rs6602151 rs668871 rs6892616 rs6967626 rs7027304 rs7132908 rs721183 rs7232636 rs72697614 rs72784229 rs72948836 rs73455693 rs7377083 rs73985439 rs742642 rs7498798 rs750090 rs7527901 rs7561278 rs7584391 rs75936148 rs76040012 rs7675491 rs76895963 rs7715256 rs77165542 rs7728095 rs7735800 rs77499859 rs778433 rs77860422 rs7793111 rs77936594 rs7808180 rs7845090 rs7857936 rs7922813 rs7957774 rs8030161 rs8064802 rs8088179 rs823118 rs869400 rs879620 rs9379832 rs9463175 rs947612 rs9522183 rs960024 rs9815604 rs9843653 rs9857204 rs9876664 rs9948863 rs9977386	
Major Depressive Disorder	GERD BE EA	rs76025409 NA rs76025409	rs7531118 rs7531118 rs7531118	NA NA NA
Cigarettes smoked per day	GERD BE EA	rs787362 rs787362 rs2072659, rs787362, rs895330	rs11725618, rs215600, rs790564, rs806798, rs895330, rs8034191 rs11725618, rs215600, rs215600, rs790564, rs8034191, rs895330 rs11725618, rs215600, rs806798, rs790564, rs8034191	NA NA NA
Alcoholic drinks per week	GERD BE EA	NA NA rs13332432, rs2049045, rs28601761, rs79616692, rs9835772	rs10085696 rs1229984 rs13107325 rs153106 rs28601761 rs28680958 rs28732378 rs331939 rs4309187 rs4752999 rs494904 rs6106989 rs6969458 rs76640332 rs9835772 rs10085696 rs13107325 rs153106 rs2049045 rs28680958 rs28732378 rs331939 rs4309187 rs4752999 rs6106989 rs6969458 rs10085696 rs1229984 rs13107325 rs153106 rs28680958 rs28732378 rs331939 rs4309187 rs4752999 rs494904 rs6106989 rs6969458 rs76640332	NA NA NA
Helicobacter pylori	GERD BE EA	NA NA rs198000, rs9939045	rs7207400 NA rs7207400	NA NA NA

Supplementary Table 8 The univariable MR analysis results of the causal effects of risk factors on GERD, BE, and EA

Exposure	Outcome	Number of SNPs	F-statistic	Pleiotropy test		Heterogeneity test		IVW method	Odds ratio (95%CI)	P-value
				MR-Egger Intercept	P-value	Cochran's Q-statistic	P of Cochran's Q-statistic			
Educational attainment	GERD	157	2346.65	-0.0001802382	9.62E-01	174.9663	0.1422033	fixed effects IVW	0.89 (0.87-0.91)	1.56E-29
	BE	117	1840.84	0.007975642	4.33E-01	174.9300	0.0003364292	random effects IVW	0.76 (0.73-0.81)	6.02E-23
	EA	142	2193.51	0.01082888	4.74E-01	173.5530	0.03247062	random effects IVW	0.93 (0.86-1.00)	6.58E-02
BMI	GERD	425	10806.18	-0.0006950972	6.75E-01	570.3957	2.494193e-06	random effects IVW	1.29 (1.21-1.39)	6.05E-14
	BE	425	10802.85	0.002328357	4.60E-01	612.2595	5.307746e-09	random effects IVW	2.64 (2.32-3.00)	1.36E-50
	EA	387	9940.91	-0.006681168	1.92E-01	423.2357	0.09289559	fixed effects IVW	1.50 (1.22-1.86)	7.33E-05
Height	GERD	630	33505.81	-0.0004825662	5.88E-01	753.2730	0.0004583019	random effects IVW	0.95 (0.92-0.99)	1.21E-02
	BE	471	27270.52	-0.0005271872	7.99E-01	668.0959	4.516161e-09	random effects IVW	0.86 (0.79-0.93)	3.97E-04
	EA	598	32231.93	-0.000893355	7.52E-01	607.5567	0.3733499	fixed effects IVW	0.91 (0.81-1.02)	1.03E-01
Weight	GERD	228	5214.07	0.004438941	4.99E-02	342.5162	1.095419e-06	MR Egger	0.73 (0.55-0.97)	3.29E-02
	BE	137	3354.20	0.02033453	1.24E-04	186.6072	0.002610106	MR Egger	0.27 (0.14-0.54)	2.78E-04
	EA	192	4495.24	0.005287596	4.37E-01	198.2277	0.3448556	fixed effects IVW	0.86 (0.64-1.16)	3.33E-01
Major Depressive Disorder	GERD	3	39.19	-0.05045585	4.73E-01	7.025148	0.02982005	random effects IVW	1.37 (0.94-1.98)	9.77E-02
	BE	3	39.19	-0.08392502	3.15E-01	3.4699367	0.1764058	fixed effects IVW	2.70 (1.91-3.83)	2.24E-08
	EA	3	39.19	-0.06776666	6.68E-01	2.656713	0.2649123	fixed effects IVW	1.89 (0.99-3.58)	5.13E-02
Cigarettes smoked per day	GERD	16	417.31	0.009094999	1.32E-01	16.37549	0.3575446	fixed effects IVW	1.08 (0.99-1.18)	9.57E-02
	BE	9	160.38	0.04445423	6.61E-02	11.515770	0.1741515	fixed effects IVW	1.24 (0.96-1.60)	1.05E-01
	EA	15	407.95	0.003846694	8.71E-01	19.54076	0.1452976	fixed effects IVW	0.94 (0.69-1.29)	7.05E-01
Alcoholic drinks per week	GERD	18	376.94	-0.002104283	8.17E-01	31.95028	0.01526342	random effects IVW	1.08 (0.98-1.19)	1.11E-01
	BE	10	296.92	-0.01353507	5.19E-01	14.88387	0.09417571	fixed effects IVW	1.15 (0.64-2.10)	6.35E-01
	EA	16	352.13	-0.009511527	6.67E-01	14.22769	0.5083358	fixed effects IVW	3.88 (1.53-9.89)	4.33E-03
Helicobacter pylori	GERD	24	203.26	-0.005800323	8.20E-01	23.85324	0.4119722	fixed effects IVW	169.00 (0.18-1.58E+5)	1.42E-01
	BE	17	146.22	0.09811521	1.12E-01	25.89675	0.05549844	fixed effects IVW	1.89E+5 (0.08- 4.25E+11)	1.04E-01
	EA	22	187.22	0.09715328	2.42E-01	19.80752	0.5334807	fixed effects IVW	5.48E+7 (0.00-1.21E+18)	1.43E-01

Pleiotropy test: When there was significant pleiotropy (MR-Egger Intercept test $P < 0.05$), the MR-Egger model was used.

IVW method: When there was significant heterogeneity ($P < 0.05$), the random-effect IVW model was used, otherwise the fixed-effect IVW model was used.

GERD, Gastroesophageal reflux disease; BE, Barrett's esophagus; EA, Esophageal adenocarcinoma.

Supplementary Table 9 The univariable MR analysis various methods of the causal effects of risk factors on GERD, BE, EA.

Outcome	Exposure	nSNP	OR (95%CI)	OR_lowci95%	OR_upci95%	P-value
GERD	Educational attainment					
	MR Egger	157	8.90E-01	8.06E-01	9.83E-01	2.27E-02
	Weighted median	157	9.02E-01	8.75E-01	9.31E-01	8.52E-11
	Inverse variance weighted (fixed effects)*	157	8.88E-01	8.70E-01	9.07E-01	1.56E-29
	Inverse variance weighted (multiplicative random effects)	157	8.88E-01	8.69E-01	9.08E-01	1.64E-26
	Body mass index					
	MR Egger	425	1.35E+00	1.09E+00	1.67E+00	5.47E-03
	Weighted median	425	1.25E+00	1.14E+00	1.38E+00	6.97E-06
	Inverse variance weighted (fixed effects)	425	1.30E+00	1.22E+00	1.37E+00	3.12E-18
	Inverse variance weighted (multiplicative random effects)*	425	1.30E+00	1.21E+00	1.39E+00	6.05E-14
	Height					
	MR Egger	630	9.71E-01	9.03E-01	1.04E+00	4.21E-01
	Weighted median	630	9.44E-01	8.90E-01	1.00E+00	5.67E-02
	Inverse variance weighted (fixed effects)	630	9.54E-01	9.23E-01	9.87E-01	6.06E-03
	Inverse variance weighted (multiplicative random effects)*	630	9.54E-01	9.20E-01	9.90E-01	1.21E-02
	Weight					
MR Egger*	228	7.34E-01	5.53E-01	9.74E-01	3.29E-02	
Weighted median	228	8.89E-01	7.77E-01	1.02E+00	8.70E-02	
Inverse variance weighted (fixed effects)	228	9.57E-01	8.82E-01	1.04E+00	2.97E-01	
Inverse variance weighted (multiplicative random effects)	228	9.57E-01	8.66E-01	1.06E+00	3.96E-01	
Major Depressive Disorder						
MR Egger	3	3.45E+00	6.30E-01	1.89E+01	3.89E-01	

	Weighted median	3	1.41E+00	1.04E+00	1.92E+00	2.83E-02
	Inverse variance weighted (fixed effects)	3	1.37E+00	1.12E+00	1.67E+00	1.91E-03
	Inverse variance weighted (multiplicative random effects)*	3	1.37E+00	9.44E-01	1.98E+00	9.77E-02
	Cigarettes smoked per day					
	MR Egger	16	9.30E-01	7.58E-01	1.14E+00	4.95E-01
	Weighted median	16	1.05E+00	9.24E-01	1.19E+00	4.69E-01
	Inverse variance weighted (fixed effects)	16	1.08E+00	9.87E-01	1.18E+00	9.57E-02
	Inverse variance weighted (multiplicative random effects)*	16	1.08E+00	9.83E-01	1.19E+00	1.11E-01
	Alcoholic drinks per week					
	MR Egger	18	9.83E-01	3.52E-01	2.74E+00	9.74E-01
	Weighted median	18	7.87E-01	5.17E-01	1.20E+00	2.64E-01
	Inverse variance weighted (fixed effects)	18	8.77E-01	6.70E-01	1.15E+00	3.36E-01
	Inverse variance weighted (multiplicative random effects)*	18	8.77E-01	6.07E-01	1.27E+00	4.83E-01
	Helicobacter pylori					
	MR Egger	24	1.51E+07	1.01E-35	2.28E+49	7.42E-01
	Weighted median	24	2.43E+02	1.11E-02	5.33E+06	2.81E-01
	Inverse variance weighted (fixed effects)*	24	1.69E+02	1.80E-01	1.58E+05	1.42E-01
	Inverse variance weighted (multiplicative random effects)	24	1.69E+02	1.59E-01	1.80E+05	1.49E-01
BE	Educational attainment					
	MR Egger	117	6.90E-01	5.25E-01	9.05E-01	8.44E-03
	Weighted median	117	7.58E-01	7.09E-01	8.10E-01	3.87E-16
	Inverse variance weighted (fixed effects)	117	7.67E-01	7.35E-01	8.01E-01	9.14E-34
	Inverse variance weighted (multiplicative random effects)*	117	7.67E-01	7.28E-01	8.09E-01	6.02E-23

Body mass index					
MR Egger	425	2.29E+00	1.52E+00	3.43E+00	7.44E-05
Weighted median	425	2.54E+00	2.12E+00	3.03E+00	1.61E-24
Inverse variance weighted (fixed effects)	425	2.64E+00	2.38E+00	2.94E+00	3.01E-72
Inverse variance weighted (multiplicative random effects)*	425	2.64E+00	2.33E+00	3.00E+00	1.36E-50
Height					
MR Egger	471	8.77E-01	7.32E-01	1.05E+00	1.53E-01
Weighted median	471	8.95E-01	7.90E-01	1.01E+00	7.79E-02
Inverse variance weighted (fixed effects)	471	8.59E-01	8.00E-01	9.22E-01	2.41E-05
Inverse variance weighted (multiplicative random effects)*	471	8.59E-01	7.89E-01	9.34E-01	3.97E-04
Weight					
MR Egger*	137	2.72E-01	1.37E-01	5.39E-01	2.78E-04
Weighted median	137	9.02E-01	6.61E-01	1.23E+00	5.16E-01
Inverse variance weighted (fixed effects)	137	1.01E+00	8.31E-01	1.22E+00	9.41E-01
Inverse variance weighted (multiplicative random effects)*	137	1.01E+00	8.04E-01	1.26E+00	9.50E-01
Major Depressive Disorder					
MR Egger	3	1.25E+01	2.39E+00	6.50E+01	2.05E-01
Weighted median	3	2.24E+00	1.30E+00	3.84E+00	3.59E-03
Inverse variance weighted (fixed effects)*	3	2.70E+00	1.91E+00	3.83E+00	2.24E-08
Inverse variance weighted (multiplicative random effects)	3	2.70E+00	1.71E+00	4.27E+00	2.18E-05
Cigarettes smoked per day					
MR Egger	9	4.58E-01	1.80E-01	1.16E+00	1.45E-01
Weighted median	9	1.08E+00	7.59E-01	1.53E+00	6.73E-01
Inverse variance weighted (fixed effects)*	9	1.24E+00	9.56E-01	1.60E+00	1.05E-01
Inverse variance weighted (multiplicative random effects)	9	1.24E+00	9.08E-01	1.69E+00	1.77E-01

	Alcoholic drinks per week					
	MR Egger	10	2.45E+00	2.40E-01	2.49E+01	4.71E-01
	Weighted median	10	1.39E+00	6.38E-01	3.03E+00	4.07E-01
	Inverse variance weighted (fixed effects)*	10	1.16E+00	6.37E-01	2.10E+00	6.35E-01
	Inverse variance weighted (multiplicative random effects)	10	1.16E+00	5.37E-01	2.49E+00	7.12E-01
	Helicobacter pylori					
	MR Egger	17	6.20E-78	6.48E-174	5.94E+18	1.36E-01
	Weighted median	17	4.49E+02	3.43E-07	5.88E+11	5.69E-01
	Inverse variance weighted (fixed effects)*	17	1.89E+05	8.38E-02	4.25E+11	1.04E-01
	Inverse variance weighted (multiplicative random effects)	17	1.89E+05	1.56E-03	2.28E+13	2.01E-01
EA	Educational attainment					
	MR Egger	142	8.03E-01	5.37E-01	1.20E+00	2.87E-01
	Weighted median	142	9.42E-01	8.44E-01	1.05E+00	2.87E-01
	Inverse variance weighted (fixed effects)	142	9.28E-01	8.63E-01	9.97E-01	4.13E-02
	Inverse variance weighted (multiplicative random effects)*	142	9.28E-01	8.56E-01	1.00E+00	6.58E-02
	Body mass index					
	MR Egger	387	2.28E+00	1.18E+00	4.42E+00	1.48E-02
	Weighted median	387	1.53E+00	1.11E+00	2.12E+00	9.42E-03
	Inverse variance weighted (fixed effects)*	387	1.50E+00	1.23E+00	1.84E+00	7.33E-05
	Inverse variance weighted (multiplicative random effects)	387	1.50E+00	1.22E+00	1.86E+00	1.53E-04
	Height					
	MR Egger	598	9.38E-01	7.44E-01	1.18E+00	5.90E-01
	Weighted median	598	8.86E-01	7.32E-01	1.07E+00	2.11E-01

Inverse variance weighted (fixed effects)	598	9.08E-01	8.09E-01	1.02E+00	1.03E-01
Inverse variance weighted (multiplicative random effects)*	598	9.08E-01	8.08E-01	1.02E+00	1.06E-01
Weight					
MR Egger	192	6.29E-01	2.68E-01	1.48E+00	2.90E-01
Weighted median	192	8.03E-01	5.11E-01	1.26E+00	3.42E-01
Inverse variance weighted (fixed effects)*	192	8.65E-01	6.45E-01	1.16E+00	3.33E-01
Inverse variance weighted (multiplicative random effects)	192	8.65E-01	6.41E-01	1.17E+00	3.42E-01
Major Depressive Disorder					
MR Egger	3	6.53E+00	8.62E-02	4.95E+02	5.51E-01
Weighted median	3	2.40E+00	1.08E+00	5.33E+00	3.11E-02
Inverse variance weighted (fixed effects)*	3	1.89E+00	9.96E-01	3.58E+00	5.13E-02
Inverse variance weighted (multiplicative random effects)	3	1.89E+00	9.04E-01	3.94E+00	9.08E-02
Cigarettes smoked per day					
MR Egger	15	8.82E-01	3.73E-01	2.09E+00	7.80E-01
Weighted median	15	9.29E-01	5.94E-01	1.45E+00	7.46E-01
Inverse variance weighted (fixed effects)*	15	9.42E-01	6.90E-01	1.29E+00	7.05E-01
Inverse variance weighted (multiplicative random effects)	15	9.42E-01	6.52E-01	1.36E+00	7.49E-01
Alcoholic drinks per week					
MR Egger	16	6.48E+00	5.53E-01	7.60E+01	1.59E-01
Weighted median	16	3.52E+00	9.30E-01	1.33E+01	6.39E-02
Inverse variance weighted (fixed effects)*	16	3.89E+00	1.53E+00	9.89E+00	4.33E-03
Inverse variance weighted (multiplicative random effects)*	16	3.89E+00	1.57E+00	9.65E+00	3.40E-03
Helicobacter pylori					
MR Egger	22	1.15E-75	1.93E-210	6.89E+59	2.89E-01

Weighted median	22	1.19E+13	1.25E-02	1.13E+28	8.71E-02
Inverse variance weighted (fixed effects)*	22	5.48E+07	2.48E-03	1.21E+18	1.43E-01
Inverse variance weighted (multiplicative random effects)	22	5.48E+07	4.93E-03	6.09E+17	1.31E-01

*: When there was significant pleiotropy (MR-Egger Intercept test $P < 0.05$), the MR-Egger model was used. When there was significant heterogeneity ($P < 0.05$), the random-effect IVW model was used, otherwise the fixed-effect IVW model was used.

GERD, Gastroesophageal reflux disease; BE, Barrett's esophagus; EA, Esophageal adenocarcinoma.

Supplementary Table 10 The multivariable MR analysis results of the single causal effects of individual modifiable risk factors on GERD, BE, and EA after adjusting for birth weight.

Mediator	Adjustment factors	Outcome	Number of SNPs	Pleiotropy test		Heterogeneity test			multivariable IVW		multivariable MR Egger	
				MR-Egger Intercept	P-value	Cochran's Q-statistic	DF	P-value	OR (95% CI)	P-value	OR (95% CI)	P-value
Educational attainment	Birth weight	GERD	191	-0.001	0.622	283.0624	222	3.50E-03	0.89(0.87-0.91)	1.09E-30	0.91(0.86-0.95)	6.18E-05
		BE	150	0.003	0.578	311.5912	174	7.18E-10	0.75(0.71-0.78)	3.15E-34	0.72(0.64-0.82)	3.13E-07
		EA	171	0.010	0.151	261.2446	198	1.70E-03	0.90(0.84-0.96)	3.15E-03	0.79(0.65-0.95)	1.50E-02
BMI	Birth weight	GERD	451	-0.001	0.127	678.3111	466	4.29E-10	1.28(1.20-1.36)	4.53E-14	1.28(1.20-1.37)	2.20E-14
		BE	453	-0.0004	0.749	771.4912	468	3.11E-17	2.78(2.46-3.15)	1.05E-59	2.79(2.47-3.16)	1.37E-59
		EA	416	0.005	0.023*	493.2077	430	1.90E-02	1.64(1.35-1.99)	5.05E-07	1.60(1.32-1.94)	1.78E-06
Height	Birth weight	GERD	653	-0.001	0.359	839.8221	654	1.09E-06	0.97(0.93-1.01)	1.12E-01	0.99(0.92-1.07)	8.84E-01
		BE	498	0.001	0.520	813.2055	499	1.93E-17	0.87(0.79-0.96)	7.03E-03	0.83(0.69-1.00)	4.70E-02
		EA	620	-0.001	0.701	646.2135	620	2.30E-01	0.88(0.78-1.01)	6.70E-02	0.92(0.73-1.16)	4.83E-01
Weight	Birth weight	GERD	403	0.004	0.002*	695.0211	412	8.42E-17	1.21(1.11-1.31)	5.09E-06	0.95(0.80-1.12)	5.29E-01
		BE	293	0.008	0.017*	619.7463	300	2.05E-24	1.86(1.55-2.24)	5.59E-11	1.18(0.78-1.54)	4.30E-01
		EA	355	-0.004	0.320	435.4409	363	5.30E-03	1.63(1.28-2.06)	6.51E-05	2.04(1.23-3.40)	6.00E-03
MDD	Birth weight	GERD	43	0.005	0.225	54.3656	44	1.36E-01	0.79(0.72-0.88)	4.60E-06	0.70(0.55-0.88)	2.00E-03
		BE	33	0.001	0.912	46.9916	34	6.83E-02	0.76(0.61-0.95)	1.55E-02	0.74(0.42-1.30)	2.97E-01
		EA	43	-0.006	0.686	64.1495	44	2.53E-02	0.78(0.54-1.13)	1.86E-01	0.92(0.38-2.21)	8.56E-01
Smoking	Birth weight	GERD	20	0.002	0.533	96.6491	63	8.70E-02	1.07(0.99-1.16)	8.68E-02	1.08(0.99-1.17)	7.10E-02
		BE	13	0.002	0.775	79.5136	48	2.90E-03	1.23(1.04-1.46)	1.80E-02	1.24(1.03-1.50)	2.20E-02
		EA	18	0.001	0.880	86.4514	57	7.20E-03	1.13(0.87-1.47)	3.46E-01	1.14(0.87-1.49)	3.46E-01
Alcoholic Drinks	Birth weight	GERD	29	0.002	0.551	144.5541	73	1.25E-06	1.02(0.80-1.30)	8.57E-01	1.01(0.80-1.29)	9.15E-01
		BE	20	0.013	0.030	131.1686	55	3.64E-08	1.23(0.62-2.42)	5.52E-01	1.12(0.58-2.16)	7.46E-01
		EA	26	0.015	0.060	103.6638	65	1.60E-03	1.68(0.84-3.35)	1.43E-01	1.63(0.82-3.21)	1.61E-01
Helicobacter pylori	Birth weight	GERD	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		BE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

EA NA NA NA NA NA NA NA NA NA NA

Pleiotropy test: When there was significant pleiotropy (MR-Egger Intercept test $P < 0.05$), the MR-Egger model was used.
GERD, Gastroesophageal reflux disease; BE, Barrett's esophagus; EA, Esophageal adenocarcinoma.

Supplementary Table 11 The results of the mediation effect test that with statistically significant.

Exposure	Mediator	Outcome	Total Effect:	Direct Effect:	se_a^2	Direct Effect:	se_b^2	Mediation Effect (95% CI)	Proportion mediated (95% CI)
			β_c (95% CI) *	β_a (95% CI)		β_b (95% CI)			
Birth weight	Educational attainment	GERD	-0.246(-0.374, -0.118)	0.142(0.014, 0.271)	0.0043	-0.117(-0.137, -0.097)	0.0136	-0.017(-0.052, 0.019)	NA
Birth weight	Educational attainment	BE	-0.293(-0.509, -0.077)	0.142(0.014, 0.271)	0.0043	-0.292(-0.339, -0.245)	0.0006	-0.041(-0.080, -0.003)	13.99(3.90-15.72)
Birth weight	Height	BE	-0.293(-0.509, -0.077)	0.116(0.577, 0.173)	0.0009	-0.134(-0.231, -0.037)	0.0025	-0.016(-0.029, -0.002)	5.46(2.60-5.70)

Total Effect β_c : the effect of birth weight on the risk of GERD, BE. Only the results for which the total effect is statistically significant are shown here.

Direct effect β_a : the effect of birth weight on the risk of modifiable risk factors.

Direct effect β_b : The effect of risk factors on the risk of BE after combination of mediating factors.

Mediation effect: $\beta_a \times \beta_b$; 95% CI of mediation effect: $\beta_a \times \beta_b \pm 1.96 \times \sqrt{\beta_b^2 \times se_a^2 + \beta_a^2 \times se_b^2}$.

GERD, Gastroesophageal reflux disease; BE, Barrett's esophagus; EA, Esophageal adenocarcinoma.

Supplementary Table 12 Results of multivariate MR Analysis of significant risk factors

significant risk factors	Outcome	Number of SNPs	Pleiotropy test*		Heterogeneity test			multivariable IVW		multivariable MR Egger	
			MR-Egger Intercept	P-value	Cochran's Q-statistic	DF	P-value	OR (95% CI)	P-value	OR (95% CI)	P-value
Educational attainment	BE	15	0.001440936	0.492	806.4475	498	5.65E-17	0.89(0.81-0.97)	1.14E-15	0.73(0.67-0.79)	1.29E-15
Height	BE	490						0.73(0.68-0.79)	6.24E-03	0.84(0.71-1.00)	5.08E-02

Pleiotropy test: When there was significant pleiotropy (MR-Egger Intercept test $P < 0.05$), the MR-Egger model was used.

GERD, Gastroesophageal reflux disease; BE, Barrett's esophagus; EA, Esophageal adenocarcinoma.

Supplementary Table 13 The combined proportion of educational attainment and height-mediated effects of birth weight on BE.

Mediator	Outcome	Total Effect:	Direct Effect:	se_a^2	Direct Effect:	se_b^2	Mediation Effect (95% CI)	Proportion mediated (95%CI)
		β_c (95% CI)	β_a (95% CI)		β_b (95% CI)			
Educational attainment	BE	-0.293(-0.509, -0.077)	0.142(0.014, 0.271)	0.0043	-0.314(-0.391, -0.237)	0.0015	-0.045(-0.086, -0.003)	15.36(3.90-16.90)
Height	BE	-0.293(-0.509, -0.077)	0.116(0.577, 0.173)	0.0009	-0.120(-0.205, -0.034)	0.0019	-0.014(-0.026, -0.002)	4.78(2.60-5.11)

Total Effect β_c : the effect of birth weight on the risk of GERD, BE. Only the results for which the total effect is statistically significant are shown here.

Direct effect β_a : the effect of birth weight on the risk of modifiable risk factors.

Direct effect β_b : the effect of risk factors on the risk of GERD, BE after adjusting birth weight.

Mediation effect: $\beta_a \times \beta_b$; 95% CI of mediation effect: $\beta_a \times \beta_b \pm 1.96 \times \sqrt{\beta_b^2 \times se_a^2 + \beta_a^2 \times se_b^2}$

BE, Barrett's esophagus

Supplementary Table 14 Single nucleotide polymorphisms used in the main analysis.

Exposure	Outcome	SNP	Effect allele exposure	Effect allele outcome	Beta exposure	Beta outcome	Proxy SNP if used
Gestational duration	BE	rs10050757	T	T	-0.0265	0.00298576	NA
Gestational duration	BE	rs10180150	A	A	0.0271	0.0155482	NA
Gestational duration	BE	rs11118523	T	T	0.0247	0.0123816	NA
Gestational duration	BE	rs12404660	A	A	-0.0301	0.0316479	rs3820282
Gestational duration	BE	rs1325908	A	A	-0.0256	-0.0165427	NA
Gestational duration	BE	rs1420673	T	T	0.0279	-0.0634303	rs8050299
Gestational duration	BE	rs1472226	A	A	-0.0221	-0.0132334	NA
Gestational duration	BE	rs2409639	A	A	-0.022	-0.00717515	NA
Gestational duration	BE	rs2816530	A	A	0.0329	0.0367035	NA
Gestational duration	BE	rs3015363	A	A	0.0363	0.0155227	NA
Gestational duration	BE	rs302683	A	A	-0.0244	-0.00462767	NA
Gestational duration	BE	rs7349332	T	T	0.0322	-0.00849791	NA
Gestational duration	BE	rs7951573	A	A	0.0362	0.0120418	rs12574467
Gestational duration	BE	rs79875865	T	T	-0.0503	-0.0197118	rs17055610
Gestational duration	BE	rs9289218	T	T	0.0238	-0.0057228	NA
Early preterm birth	BE	rs10178015	A	A	-0.6616	-0.0878321	NA
Early preterm birth	BE	rs112912841	A	A	-0.4948	-0.00536053	rs6789758
Early preterm birth	BE	rs17788736	T	T	0.5839	-0.0557486	NA
Early preterm birth	BE	rs1877720	T	T	0.4954	0.0245322	NA
Early preterm birth	BE	rs59171014	A	A	0.5021	0.00709956	rs17070360
Early preterm birth	BE	rs59641048	A	A	-0.516	0.0512595	rs16852645
Early preterm birth	BE	rs6110956	A	A	-0.2185	-0.000300294	NA
Early preterm birth	BE	rs7231300	A	A	0.2875	0.00444799	NA
Preterm birth	BE	rs10029699	T	T	0.1951	0.0269105	NA

Preterm birth	BE	rs10182309	T	T	-0.3566	-0.0329522	NA
Preterm birth	BE	rs10243928	T	T	-0.1618	-0.0049072	NA
Preterm birth	BE	rs13333515	T	T	0.306	-0.000898418	NA
Preterm birth	BE	rs62348722	A	A	-0.1142	-0.00686433	rs4867069
Preterm birth	BE	rs9788522	A	A	0.2035	-0.0207663	NA
Preterm birth	EA	rs10029699	T	T	0.1951	-0.0284	NA
Preterm birth	EA	rs10182309	T	T	-0.3566	-0.0351	NA
Gestational duration	EA	rs10050757	T	T	-0.0265	0.0278	NA
Gestational duration	EA	rs10180150	A	A	0.0271	0.0327	NA
Gestational duration	EA	rs11118523	T	T	0.0247	-0.0094	NA
Gestational duration	EA	rs111229387	A	A	0.0417	-0.0183	NA
Gestational duration	EA	rs11488749	T	T	-0.0259	-0.0256	NA
Gestational duration	EA	rs11668097	T	T	-0.0462	0.0116	NA
Gestational duration	EA	rs116830103	T	T	0.0804	0.086	NA
Gestational duration	EA	rs12404660	A	A	-0.0301	0.0446	NA
Gestational duration	EA	rs1420673	T	T	0.0279	0.0058	NA
Gestational duration	EA	rs146524012	A	A	0.0692	-0.1417	NA
Gestational duration	EA	rs1472226	A	A	-0.0221	-0.0345	NA
Gestational duration	EA	rs181482	A	A	-0.0531	-0.0558	NA
Gestational duration	EA	rs1836061	T	T	-0.0233	-0.011	NA
Gestational duration	EA	rs2141379	T	T	0.0259	-0.0126	NA
Gestational duration	EA	rs2409639	A	A	-0.022	-0.0177	NA
Gestational duration	EA	rs2816530	A	A	0.0329	0.0305	NA
Gestational duration	EA	rs3015363	A	A	0.0363	-0.0228	NA
Gestational duration	EA	rs302683	A	A	-0.0244	0.0349	NA
Gestational duration	EA	rs4872140	T	T	-0.0228	-0.0454	NA
Gestational duration	EA	rs7142427	T	T	-0.0835	-0.054	NA
Gestational duration	EA	rs73371384	T	T	-0.103	0.036	NA
Gestational duration	EA	rs7349332	T	T	0.0322	0.0232	NA

Gestational duration	EA	rs7594852	T	T	-0.0336	0.0232	NA
Gestational duration	EA	rs76583552	T	T	-0.1344	-0.1128	NA
Gestational duration	EA	rs7951573	A	A	0.0362	-0.0634	NA
Gestational duration	EA	rs79875865	T	T	-0.0503	-0.031	NA
Gestational duration	EA	rs9289218	T	T	0.0238	0.0371	NA
Early preterm birth	EA	rs10178015	A	A	-0.6616	-0.0155	NA
Early preterm birth	EA	rs112912841	A	A	-0.4948	0.0131	NA
Early preterm birth	EA	rs114065090	T	T	-0.648	0.0352	NA
Early preterm birth	EA	rs114850138	A	A	-0.6551	0.0766	NA
Early preterm birth	EA	rs115651303	T	T	-0.7511	-0.0114	NA
Early preterm birth	EA	rs138335500	T	T	1.1698	0.0653	NA
Early preterm birth	EA	rs145057733	A	A	0.6032	-0.1611	NA
Early preterm birth	EA	rs145649225	T	T	-0.5499	0.1028	NA
Early preterm birth	EA	rs17788736	T	T	0.5839	0.1004	NA
Early preterm birth	EA	rs183193312	T	T	-0.7959	-0.4643	NA
Early preterm birth	EA	rs184792650	T	T	-0.7932	-0.0802	NA
Early preterm birth	EA	rs185677327	A	A	0.7463	-0.0563	NA
Early preterm birth	EA	rs1877720	T	T	0.4954	-0.0443	NA
Early preterm birth	EA	rs1962903	A	A	0.5894	-0.0115	NA
Early preterm birth	EA	rs35505804	T	T	-1.3133	-0.2211	NA
Early preterm birth	EA	rs59171014	A	A	0.5021	-0.0038	NA
Early preterm birth	EA	rs59641048	A	A	-0.516	0.0805	NA
Early preterm birth	EA	rs6110956	A	A	-0.2185	0.0051	NA
Early preterm birth	EA	rs7231300	A	A	0.2875	-0.0297	NA
Preterm birth	EA	rs10243928	T	T	-0.1618	0.0137	NA
Preterm birth	EA	rs115348559	T	T	0.564	-0.1432	NA
Preterm birth	EA	rs117163613	A	A	-0.7766	0.2938	NA
Preterm birth	EA	rs13333515	T	T	0.306	-0.0937	NA
Preterm birth	EA	rs150921151	T	T	-0.3752	-0.0629	NA

Preterm birth	EA	rs28479953	A	A	-0.144	-0.0294	NA
Preterm birth	EA	rs6064825	T	T	-0.1698	-0.0353	NA
Preterm birth	EA	rs62348722	A	A	-0.1142	0.0114	NA
Preterm birth	EA	rs78715907	A	A	0.2832	-0.076	NA
Preterm birth	EA	rs9788522	A	A	0.2035	-0.0508	NA
Preterm birth	EA	rs9814758	T	T	0.1121	-0.0189	NA
Preterm birth	GERD	rs10029699	T	T	0.1951	0.0126	NA
Preterm birth	GERD	rs10182309	T	T	-0.3566	-0.0071	NA
Preterm birth	GERD	rs10243928	T	T	-0.1618	-0.0162	NA
Preterm birth	GERD	rs115348559	T	T	0.564	0.0191	NA
Preterm birth	GERD	rs117163613	A	A	-0.7766	-0.0081	NA
Preterm birth	GERD	rs13333515	T	T	0.306	0.0181	NA
Preterm birth	GERD	rs150921151	T	T	-0.3752	0.0113	NA
Gestational duration	GERD	rs10050757	T	T	-0.0265	-9.00E-04	NA
Gestational duration	GERD	rs10180150	A	A	0.0271	0.0026	NA
Gestational duration	GERD	rs11118523	T	T	0.0247	0.0056	NA
Gestational duration	GERD	rs111229387	A	A	0.0417	0.0149	NA
Gestational duration	GERD	rs11488749	T	T	-0.0259	0.0108	NA
Gestational duration	GERD	rs11668097	T	T	-0.0462	0.002	NA
Gestational duration	GERD	rs116830103	T	T	0.0804	-0.0438	NA
Gestational duration	GERD	rs12404660	A	A	-0.0301	0.0039	NA
Gestational duration	GERD	rs1420673	T	T	0.0279	-0.0013	NA
Gestational duration	GERD	rs146524012	A	A	0.0692	-0.0142	NA
Gestational duration	GERD	rs1472226	A	A	-0.0221	-0.006	NA
Gestational duration	GERD	rs181482	A	A	-0.0531	0.0195	NA
Gestational duration	GERD	rs1836061	T	T	-0.0233	-0.0061	NA
Gestational duration	GERD	rs2141379	T	T	0.0259	-0.0018	NA
Gestational duration	GERD	rs2409639	A	A	-0.022	0.0024	NA
Gestational duration	GERD	rs2816530	A	A	0.0329	8.00E-04	NA

Gestational duration	GERD	rs3015363	A	A	0.0363	0.0071	NA
Gestational duration	GERD	rs302683	A	A	-0.0244	-7.00E-04	NA
Gestational duration	GERD	rs4872140	T	T	-0.0228	-0.003	NA
Gestational duration	GERD	rs7142427	T	T	-0.0835	0.0111	NA
Gestational duration	GERD	rs73371384	T	T	-0.103	0.0281	NA
Gestational duration	GERD	rs7349332	T	T	0.0322	-0.0227	NA
Gestational duration	GERD	rs7594852	T	T	-0.0336	4.00E-04	NA
Gestational duration	GERD	rs76583552	T	T	-0.1344	0.0151	NA
Gestational duration	GERD	rs7951573	A	A	0.0362	-0.003	NA
Gestational duration	GERD	rs79875865	T	T	-0.0503	-0.002	NA
Gestational duration	GERD	rs9289218	T	T	0.0238	0.0047	NA
Early preterm birth	GERD	rs10178015	A	A	-0.6616	-0.0271	NA
Early preterm birth	GERD	rs112912841	A	A	-0.4948	-0.003	NA
Early preterm birth	GERD	rs114065090	T	T	-0.648	0.0018	NA
Early preterm birth	GERD	rs114850138	A	A	-0.6551	-0.0084	NA
Early preterm birth	GERD	rs115651303	T	T	-0.7511	0.0184	NA
Early preterm birth	GERD	rs138335500	T	T	1.1698	-0.0057	NA
Early preterm birth	GERD	rs145057733	A	A	0.6032	0.0113	NA
Early preterm birth	GERD	rs145649225	T	T	-0.5499	-0.0419	NA
Early preterm birth	GERD	rs17788736	T	T	0.5839	-0.0124	NA
Early preterm birth	GERD	rs183193312	T	T	-0.7959	0.0717	rs186516546
Early preterm birth	GERD	rs184792650	T	T	-0.7932	-0.0882	NA
Early preterm birth	GERD	rs185677327	A	A	0.7463	0.0294	NA
Early preterm birth	GERD	rs1877720	T	T	0.4954	-0.0042	NA
Early preterm birth	GERD	rs1962903	A	A	0.5894	-0.008	NA
Early preterm birth	GERD	rs35505804	T	T	-1.3133	-0.0075	NA
Early preterm birth	GERD	rs59171014	A	A	0.5021	0.0043	NA
Early preterm birth	GERD	rs59641048	A	A	-0.516	0.0099	NA
Early preterm birth	GERD	rs6110956	A	A	-0.2185	-0.0016	NA

Early preterm birth	GERD	rs7231300	A	A	0.2875	-0.0073	NA
Preterm birth	GERD	rs28479953	A	A	-0.144	0.0181	NA
Preterm birth	GERD	rs6064825	T	T	-0.1698	-9.00E-04	NA
Preterm birth	GERD	rs62348722	A	A	-0.1142	-1.00E-04	NA
Preterm birth	GERD	rs78715907	A	A	0.2832	-0.0216	NA
Preterm birth	GERD	rs9788522	A	A	0.2035	-0.0165	NA
Preterm birth	GERD	rs9814758	T	T	0.1121	8.00E-04	NA
Post term birth	BE	rs11959895	A	A	0.1047	-0.0108549	NA
Post term birth	BE	rs2290037	T	T	0.3224	-0.0556065	NA
Post term birth	BE	rs2414019	T	T	-0.0859	0.0146235	NA
Post term birth	BE	rs62383323	A	A	0.0954	0.0172091	NA
Post term birth	EA	rs11959895	A	A	0.1047	-0.0207	NA
Post term birth	EA	rs12069199	A	A	-0.3113	-0.0561	NA
Post term birth	EA	rs12193109	A	A	0.2186	0.0841	NA
Post term birth	EA	rs12373938	T	T	0.3048	0.0208	NA
Post term birth	EA	rs2290037	T	T	0.3224	-0.0586	NA
Post term birth	EA	rs2414019	T	T	-0.0859	0.0347	NA
Post term birth	EA	rs2827144	T	T	-0.185	0.0392	NA
Post term birth	EA	rs56316227	A	A	0.1911	-0.0555	NA
Post term birth	EA	rs62383323	A	A	0.0954	0.0239	NA
Post term birth	EA	rs6805261	A	A	0.34	0.136	NA
Post term birth	EA	rs76946427	A	A	0.3179	-0.0423	NA
Post term birth	GERD	rs11959895	A	A	0.1047	-0.0045	NA
Post term birth	GERD	rs12069199	A	A	-0.3113	0.0168	NA
Post term birth	GERD	rs12193109	A	A	0.2186	0.0114	NA
Post term birth	GERD	rs12373938	T	T	0.3048	0.0596	NA
Post term birth	GERD	rs2290037	T	T	0.3224	-0.0031	NA
Post term birth	GERD	rs2414019	T	T	-0.0859	0.0107	NA
Post term birth	GERD	rs2827144	T	T	-0.185	-0.0136	NA

Post term birth	GERD	rs56316227	A	A	0.1911	0.0075	NA
Post term birth	GERD	rs62383323	A	A	0.0954	-0.0055	NA
Post term birth	GERD	rs6805261	A	A	0.34	0.0145	NA
Post term birth	GERD	rs76946427	A	A	0.3179	3.00E-04	NA
Birth weight	GERD	rs10818797	C	C	0.0345	-0.0232	NA
Birth weight	GERD	rs10830963	G	G	0.0232	0.0099	NA
Birth weight	GERD	rs10872678	C	C	-0.0375	0.0076	NA
Birth weight	GERD	rs10935733	C	C	-0.0221	0.0114	NA
Birth weight	GERD	rs111778406	G	G	0.0492	0.0213	NA
Birth weight	GERD	rs113086489	T	T	0.0307	-0.0101	NA
Birth weight	GERD	rs11720108	T	T	0.046	-0.015	NA
Birth weight	GERD	rs11765649	C	C	-0.0267	0.0272	NA
Birth weight	GERD	rs12543725	A	A	-0.0231	0.0073	NA
Birth weight	GERD	rs12906125	A	A	-0.0228	-0.01	NA
Birth weight	GERD	rs13266210	G	G	-0.0308	0.0047	NA
Birth weight	GERD	rs134594	T	T	-0.0227	3.00E-04	NA
Birth weight	GERD	rs138715366	T	T	-0.2412	0.1785	NA
Birth weight	GERD	rs1411424	A	A	0.0212	0.0026	NA
Birth weight	GERD	rs144843919	A	A	-0.066	0.0012	NA
Birth weight	GERD	rs17034876	T	T	0.0471	-0.0035	NA
Birth weight	GERD	rs1819436	C	C	0.0329	-0.0164	NA
Birth weight	GERD	rs2131354	A	A	0.0259	-0.0019	NA
Birth weight	GERD	rs2168443	A	A	-0.0228	0.025	NA
Birth weight	GERD	rs2229742	C	C	-0.036	-0.0297	NA
Birth weight	GERD	rs2306547	T	T	-0.0211	0.0166	NA
Birth weight	GERD	rs2473248	C	C	0.0325	-0.0077	NA
Birth weight	GERD	rs2497304	T	T	-0.0282	0.0015	NA
Birth weight	GERD	rs28530618	G	G	-0.0261	0.0084	NA
Birth weight	GERD	rs2946179	C	C	0.024	0.0022	NA

Birth weight	GERD	rs41311445	C	C	-0.0445	0.0055	NA
Birth weight	GERD	rs4144829	T	T	-0.0341	0.0209	NA
Birth weight	GERD	rs6016377	T	T	0.0239	4.00E-04	NA
Birth weight	GERD	rs72480273	C	C	0.0313	-0.0192	NA
Birth weight	GERD	rs72851023	T	T	0.0476	-0.0044	NA
Birth weight	GERD	rs7402982	G	G	-0.0232	0.0067	NA
Birth weight	GERD	rs740746	A	A	0.0364	5.00E-04	NA
Birth weight	GERD	rs753381	C	C	-0.0205	0.0012	NA
Birth weight	GERD	rs7575873	G	G	-0.0384	0.0054	NA
Birth weight	GERD	rs7854962	G	G	-0.0279	0.0436	NA
Birth weight	GERD	rs7964361	A	A	0.0391	-0.0356	NA
Birth weight	GERD	rs798498	G	G	-0.0229	-0.0106	NA
Birth weight	GERD	rs7998537	A	A	-0.0222	-0.0041	NA
Birth weight	GERD	rs854037	G	G	-0.0268	-0.0152	NA
Birth weight	GERD	rs900399	G	G	-0.0523	0.0181	NA
Birth weight	GERD	rs9368777	C	C	0.0215	-0.0034	NA
Birth weight	BE	rs10818797	C	C	0.0345	-0.0191809	NA
Birth weight	BE	rs10830963	G	G	0.0232	-0.0182248	NA
Birth weight	BE	rs10872678	C	C	-0.0375	0.00073846	NA
Birth weight	BE	rs10935733	C	C	-0.0221	0.000331924	rs7647558
Birth weight	BE	rs113086489	T	T	0.0307	-0.0106098	rs5417
Birth weight	BE	rs11720108	T	T	0.046	-0.0126753	rs2877716
Birth weight	BE	rs11765649	C	C	-0.0267	0.0553191	rs12540730
Birth weight	BE	rs12543725	A	A	-0.0231	0.0130467	NA
Birth weight	BE	rs12906125	A	A	-0.0228	-0.00367772	rs1894400
Birth weight	BE	rs13266210	G	G	-0.0308	0.0160189	NA
Birth weight	BE	rs134594	T	T	-0.0227	0.0278977	NA
Birth weight	BE	rs1411424	A	A	0.0212	-0.0113219	NA
Birth weight	BE	rs1819436	C	C	0.0329	-0.022095	rs9530711

Birth weight	BE	rs2131354	A	A	0.0259	-0.0132699	rs13131837
Birth weight	BE	rs2168443	A	A	-0.0228	0.0185844	rs9852082
Birth weight	BE	rs2229742	C	C	-0.036	-0.0434298	NA
Birth weight	BE	rs2306547	T	T	-0.0211	-0.0206903	NA
Birth weight	BE	rs2473248	C	C	0.0325	-0.015579	rs2744726
Birth weight	BE	rs2497304	T	T	-0.0282	0.00119093	NA
Birth weight	BE	rs2946179	C	C	0.024	0.0420639	rs2946160
Birth weight	BE	rs4144829	T	T	-0.0341	0.0201321	rs2174633
Birth weight	BE	rs6016377	T	T	0.0239	0.00846589	rs4812444
Birth weight	BE	rs72480273	C	C	0.0313	-0.0150657	rs12118043
Birth weight	BE	rs72833480	A	A	0.0226	-0.0248353	rs2325748
Birth weight	BE	rs740746	A	A	0.0364	-0.000650236	NA
Birth weight	BE	rs753381	C	C	-0.0205	0.0115729	NA
Birth weight	BE	rs7575873	G	G	-0.0384	0.0176126	rs12619525
Birth weight	BE	rs7964361	A	A	0.0391	-0.0338056	NA
Birth weight	BE	rs798498	G	G	-0.0229	-0.0105809	NA
Birth weight	BE	rs7998537	A	A	-0.0222	0.0015725	NA
Birth weight	BE	rs854037	G	G	-0.0268	-0.0182001	NA
Birth weight	BE	rs900399	G	G	-0.0523	0.0232288	NA
Birth weight	EA	rs10818797	C	C	0.0345	0.0291	NA
Birth weight	EA	rs10872678	C	C	-0.0375	0.0792	NA
Birth weight	EA	rs10935733	C	C	-0.0221	-0.0256	NA
Birth weight	EA	rs111778406	G	G	0.0492	-0.0575	NA
Birth weight	EA	rs113086489	T	T	0.0307	-0.0536	NA
Birth weight	EA	rs11720108	T	T	0.046	-0.0467	NA
Birth weight	EA	rs11765649	C	C	-0.0267	-0.0345	NA
Birth weight	EA	rs12543725	A	A	-0.0231	0.047	NA
Birth weight	EA	rs12906125	A	A	-0.0228	-0.0204	NA
Birth weight	EA	rs13266210	G	G	-0.0308	0.0418	NA

Birth weight	EA	rs134594	T	T	-0.0227	0.0229	NA
Birth weight	EA	rs138715366	T	T	-0.2412	-0.3014	NA
Birth weight	EA	rs1411424	A	A	0.0212	-0.017	NA
Birth weight	EA	rs144843919	A	A	-0.066	-0.0668	NA
Birth weight	EA	rs17034876	T	T	0.0471	-0.0351	NA
Birth weight	EA	rs1819436	C	C	0.0329	0.0457	NA
Birth weight	EA	rs2131354	A	A	0.0259	-0.0459	NA
Birth weight	EA	rs2306547	T	T	-0.0211	0.0025	NA
Birth weight	EA	rs2473248	C	C	0.0325	-0.0097	NA
Birth weight	EA	rs2497304	T	T	-0.0282	-0.003	NA
Birth weight	EA	rs28530618	G	G	-0.0261	-0.0022	NA
Birth weight	EA	rs2946179	C	C	0.024	0.0906	NA
Birth weight	EA	rs41311445	C	C	-0.0445	0.0585	NA
Birth weight	EA	rs4144829	T	T	-0.0341	-0.0176	NA
Birth weight	EA	rs6016377	T	T	0.0239	0.0515	NA
Birth weight	EA	rs72480273	C	C	0.0313	0.0535	NA
Birth weight	EA	rs72833480	A	A	0.0226	-0.0148	NA
Birth weight	EA	rs72851023	T	T	0.0476	0.0385	NA
Birth weight	EA	rs7402982	G	G	-0.0232	0.0305	NA
Birth weight	EA	rs740746	A	A	0.0364	0.0138	NA
Birth weight	EA	rs753381	C	C	-0.0205	0.0565	NA
Birth weight	EA	rs7575873	G	G	-0.0384	-0.0192	NA
Birth weight	EA	rs7964361	A	A	0.0391	0.0238	NA
Birth weight	EA	rs798498	G	G	-0.0229	-0.0026	NA
Birth weight	EA	rs7998537	A	A	-0.0222	-0.0216	NA
Birth weight	EA	rs854037	G	G	-0.0268	0.0346	NA
Birth weight	EA	rs900399	G	G	-0.0523	0.0344	NA
Birth weight	Educational attainment	rs10818797	C	C	0.0345	0.0195407	NA
Birth weight	Educational attainment	rs10830963	G	G	0.0232	-0.00828793	NA

Birth weight	Educational attainment	rs10872678	C	C	-0.0375	-0.0240224	NA
Birth weight	Educational attainment	rs10935733	C	C	-0.0221	-0.00931438	NA
Birth weight	Educational attainment	rs111778406	G	G	0.0492	-0.0413845	NA
Birth weight	Educational attainment	rs113086489	T	T	0.0307	-0.0110026	NA
Birth weight	Educational attainment	rs11720108	T	T	0.046	0.00181776	NA
Birth weight	Educational attainment	rs11765649	C	C	-0.0267	-0.0260562	rs12533936
Birth weight	Educational attainment	rs1187118	T	T	-0.0299	0.0164307	NA
Birth weight	Educational attainment	rs12543725	A	A	-0.0231	0.0208231	NA
Birth weight	Educational attainment	rs12906125	A	A	-0.0228	-0.0155961	rs1894400
Birth weight	Educational attainment	rs13266210	G	G	-0.0308	-5.04E-05	NA
Birth weight	Educational attainment	rs134594	T	T	-0.0227	-0.0019999	NA
Birth weight	Educational attainment	rs138715366	T	T	-0.2412	-0.0904534	NA
Birth weight	Educational attainment	rs1411424	A	A	0.0212	0.0116029	NA
Birth weight	Educational attainment	rs1415701	A	A	-0.0253	-0.0149875	NA
Birth weight	Educational attainment	rs144843919	A	A	-0.066	-0.0644845	NA
Birth weight	Educational attainment	rs17034876	T	T	0.0471	-0.00247681	NA
Birth weight	Educational attainment	rs1819436	C	C	0.0329	0.000213323	NA
Birth weight	Educational attainment	rs2131354	A	A	0.0259	0.00562311	NA
Birth weight	Educational attainment	rs2168443	A	A	-0.0228	-0.00561918	NA
Birth weight	Educational attainment	rs2229742	C	C	-0.036	0.00290506	NA
Birth weight	Educational attainment	rs2306547	T	T	-0.0211	0.00935466	NA
Birth weight	Educational attainment	rs2473248	C	C	0.0325	0.0201825	NA
Birth weight	Educational attainment	rs2497304	T	T	-0.0282	0.0122907	NA
Birth weight	Educational attainment	rs28530618	G	G	-0.0261	-0.00119799	NA
Birth weight	Educational attainment	rs35261542	A	A	-0.0444	-0.00499565	NA
Birth weight	Educational attainment	rs3753639	C	C	0.0306	-0.00793259	NA
Birth weight	Educational attainment	rs3780573	A	A	0.0555	-0.00562845	NA
Birth weight	Educational attainment	rs41311445	C	C	-0.0445	-0.0405348	NA
Birth weight	Educational attainment	rs4144829	T	T	-0.0341	-0.0281117	NA

Birth weight	Educational attainment	rs6016377	T	T	0.0239	0.00115583	NA
Birth weight	Educational attainment	rs72480273	C	C	0.0313	-0.00107135	NA
Birth weight	Educational attainment	rs72833480	A	A	0.0226	-0.00599659	NA
Birth weight	Educational attainment	rs72851023	T	T	0.0476	0.0159724	NA
Birth weight	Educational attainment	rs7402982	G	G	-0.0232	-0.0263312	rs7402983
Birth weight	Educational attainment	rs740746	A	A	0.0364	0.00554494	NA
Birth weight	Educational attainment	rs753381	C	C	-0.0205	0.00351828	NA
Birth weight	Educational attainment	rs7575873	G	G	-0.0384	-0.00753136	rs72798064
Birth weight	Educational attainment	rs7854962	G	G	-0.0279	-0.031175	NA
Birth weight	Educational attainment	rs79237883	C	C	0.0371	0.00145035	NA
Birth weight	Educational attainment	rs7964361	A	A	0.0391	0.00763265	NA
Birth weight	Educational attainment	rs798498	G	G	-0.0229	0.00268206	NA
Birth weight	Educational attainment	rs7998537	A	A	-0.0222	0.0131987	NA
Birth weight	Educational attainment	rs854037	G	G	-0.0268	-0.0039053	NA
Birth weight	Educational attainment	rs900399	G	G	-0.0523	-0.000568677	NA
Birth weight	BMI	rs10872678	C	C	-0.0375	9.00E-04	NA
Birth weight	BMI	rs10935733	C	C	-0.0221	0.0022	rs7647558
Birth weight	BMI	rs113086489	T	T	0.0307	0.0067	rs5417
Birth weight	BMI	rs11765649	C	C	-0.0267	1.00E-04	rs12540730
Birth weight	BMI	rs1187118	T	T	-0.0299	-0.0043	rs1776877
Birth weight	BMI	rs12543725	A	A	-0.0231	0.0018	NA
Birth weight	BMI	rs12906125	A	A	-0.0228	-0.0037	rs1894400
Birth weight	BMI	rs134594	T	T	-0.0227	0.0018	NA
Birth weight	BMI	rs1411424	A	A	0.0212	-9.00E-04	NA
Birth weight	BMI	rs1819436	C	C	0.0329	0.0082	rs9530711
Birth weight	BMI	rs2131354	A	A	0.0259	0.0049	rs13131837
Birth weight	BMI	rs2168443	A	A	-0.0228	-0.0017	rs6442038
Birth weight	BMI	rs2229742	C	C	-0.036	-0.0028	NA
Birth weight	BMI	rs2306547	T	T	-0.0211	0.0011	NA

Birth weight	BMI	rs2473248	C	C	0.0325	0.0045	rs2744726
Birth weight	BMI	rs2946179	C	C	0.024	0.0051	rs2946160
Birth weight	BMI	rs3780573	A	A	0.0555	-0.0022	rs2282041
Birth weight	BMI	rs4144829	T	T	-0.0341	0.0019	rs2174633
Birth weight	BMI	rs6016377	T	T	0.0239	0.0055	rs4812444
Birth weight	BMI	rs72480273	C	C	0.0313	0.0018	rs12118043
Birth weight	BMI	rs72833480	A	A	0.0226	6.00E-04	rs2325748
Birth weight	BMI	rs740746	A	A	0.0364	5.00E-04	NA
Birth weight	BMI	rs753381	C	C	-0.0205	-0.0037	NA
Birth weight	BMI	rs7575873	G	G	-0.0384	-0.0035	rs12619525
Birth weight	BMI	rs7964361	A	A	0.0391	-0.0021	NA
Birth weight	BMI	rs798498	G	G	-0.0229	-0.0018	NA
Birth weight	BMI	rs854037	G	G	-0.0268	-5.00E-04	NA
Birth weight	BMI	rs900399	G	G	-0.0523	-0.0035	NA
Birth weight	Height	rs10830963	G	G	0.0232	0.00055496	NA
Birth weight	Height	rs10872678	C	C	-0.0375	-0.00287942	rs7772579
Birth weight	Height	rs111778406	G	G	0.0492	0.013343	rs61738649
Birth weight	Height	rs12906125	A	A	-0.0228	-0.00700718	rs7497304
Birth weight	Height	rs2229742	C	C	-0.036	-0.00296504	NA
Birth weight	Height	rs2946179	C	C	0.024	0.00132012	rs2964481
Birth weight	Height	rs35261542	A	A	-0.0444	-0.00369873	rs9368222
Birth weight	Height	rs72833480	A	A	0.0226	0.00264949	rs11079802
Birth weight	Height	rs753381	C	C	-0.0205	-0.00182155	NA
Birth weight	Weight	rs10818797	C	C	0.0345	0.0059	NA
Birth weight	Weight	rs10830963	G	G	0.0232	0.0034	NA
Birth weight	Weight	rs10872678	C	C	-0.0375	-0.0055	NA
Birth weight	Weight	rs10935733	C	C	-0.0221	1.00E-04	NA
Birth weight	Weight	rs111778406	G	G	0.0492	0.0062	NA
Birth weight	Weight	rs113086489	T	T	0.0307	0.0057	NA

Birth weight	Weight	rs11765649	C	C	-0.0267	-0.0112	NA
Birth weight	Weight	rs12906125	A	A	-0.0228	-0.0075	NA
Birth weight	Weight	rs134594	T	T	-0.0227	-0.0029	NA
Birth weight	Weight	rs138715366	T	T	-0.2412	-0.0232	NA
Birth weight	Weight	rs1411424	A	A	0.0212	0.002	NA
Birth weight	Weight	rs17034876	T	T	0.0471	0.0024	NA
Birth weight	Weight	rs2168443	A	A	-0.0228	-0.0062	NA
Birth weight	Weight	rs2229742	C	C	-0.036	-0.0014	NA
Birth weight	Weight	rs2306547	T	T	-0.0211	0.0024	NA
Birth weight	Weight	rs2473248	C	C	0.0325	0.0076	NA
Birth weight	Weight	rs2497304	T	T	-0.0282	-0.0051	NA
Birth weight	Weight	rs28530618	G	G	-0.0261	-0.0028	NA
Birth weight	Weight	rs2946179	C	C	0.024	0.0078	NA
Birth weight	Weight	rs72480273	C	C	0.0313	0.0017	NA
Birth weight	Weight	rs72833480	A	A	0.0226	9.00E-04	NA
Birth weight	Weight	rs72851023	T	T	0.0476	0.0151	NA
Birth weight	Weight	rs7402982	G	G	-0.0232	-0.0066	NA
Birth weight	Weight	rs740746	A	A	0.0364	0.0036	NA
Birth weight	Weight	rs753381	C	C	-0.0205	-0.0037	NA
Birth weight	Weight	rs7575873	G	G	-0.0384	-0.01	NA
Birth weight	Weight	rs7854962	G	G	-0.0279	-0.0047	NA
Birth weight	Weight	rs7964361	A	A	0.0391	0.003	NA
Birth weight	Weight	rs7998537	A	A	-0.0222	-1.00E-04	NA
Birth weight	Weight	rs854037	G	G	-0.0268	0.0012	NA
Birth weight	Weight	rs900399	G	G	-0.0523	-0.0035	NA
Birth weight	Weight	rs9368777	C	C	0.0215	0.0016	NA
Birth weight	MDD	rs10818797	C	C	0.0345	0.00260339	NA
Birth weight	MDD	rs10872678	C	C	-0.0375	0.00500249	NA
Birth weight	MDD	rs10935733	C	C	-0.0221	-0.00679685	NA

Birth weight	MDD	rs111778406	G	G	0.0492	0.00110061	NA
Birth weight	MDD	rs113086489	T	T	0.0307	-0.0111014	NA
Birth weight	MDD	rs11720108	T	T	0.046	-0.0203966	NA
Birth weight	MDD	rs11765649	C	C	-0.0267	0.00540458	NA
Birth weight	MDD	rs12543725	A	A	-0.0231	-0.0144032	NA
Birth weight	MDD	rs12906125	A	A	-0.0228	-0.0168003	NA
Birth weight	MDD	rs13266210	G	G	-0.0308	-0.0121953	NA
Birth weight	MDD	rs134594	T	T	-0.0227	-0.0102019	NA
Birth weight	MDD	rs1351394	C	C	-0.0436	0.00940408	NA
Birth weight	MDD	rs138715366	T	T	-0.2412	-0.0737972	NA
Birth weight	MDD	rs1411424	A	A	0.0212	-0.00300451	NA
Birth weight	MDD	rs1415701	A	A	-0.0253	-0.0010005	NA
Birth weight	MDD	rs144843919	A	A	-0.066	0.0394034	NA
Birth weight	MDD	rs17034876	T	T	0.0471	0.00219758	NA
Birth weight	MDD	rs1819436	C	C	0.0329	0.0196008	NA
Birth weight	MDD	rs2131354	A	A	0.0259	0.00620074	NA
Birth weight	MDD	rs2306547	T	T	-0.0211	0.0107025	NA
Birth weight	MDD	rs2473248	C	C	0.0325	-0.00459941	NA
Birth weight	MDD	rs2497304	T	T	-0.0282	0.00909848	NA
Birth weight	MDD	rs28530618	G	G	-0.0261	-0.0057037	NA
Birth weight	MDD	rs2946179	C	C	0.024	0.00739729	NA
Birth weight	MDD	rs35261542	A	A	-0.0444	-0.00719583	NA
Birth weight	MDD	rs3753639	C	C	0.0306	0.00579677	NA
Birth weight	MDD	rs41311445	C	C	-0.0445	-0.000499875	NA
Birth weight	MDD	rs4144829	T	T	-0.0341	0.00960374	NA
Birth weight	MDD	rs6016377	T	T	0.0239	-0.000700245	NA
Birth weight	MDD	rs72480273	C	C	0.0313	-0.00560427	NA
Birth weight	MDD	rs72833480	A	A	0.0226	-0.00180162	NA
Birth weight	MDD	rs72851023	T	T	0.0476	-0.000100005	NA

Birth weight	MDD	rs7402982	G	G	-0.0232	0.0211011	NA
Birth weight	MDD	rs740746	A	A	0.0364	-0.00220242	NA
Birth weight	MDD	rs753381	C	C	-0.0205	0.00520351	NA
Birth weight	MDD	rs7575873	G	G	-0.0384	0.023801	NA
Birth weight	MDD	rs7964361	A	A	0.0391	0.0189984	NA
Birth weight	MDD	rs798498	G	G	-0.0229	-0.00489799	NA
Birth weight	MDD	rs7998537	A	A	-0.0222	-0.00480151	NA
Birth weight	MDD	rs854037	G	G	-0.0268	0.0266007	NA
Birth weight	MDD	rs900399	G	G	-0.0523	-0.00630011	NA
Birth weight	Smoke	rs10818797	C	C	0.0345	-0.00174835	NA
Birth weight	Smoke	rs10830963	G	G	0.0232	-0.00180552	NA
Birth weight	Smoke	rs10872678	C	C	-0.0375	-4.49E-05	NA
Birth weight	Smoke	rs10935733	C	C	-0.0221	0.00406649	NA
Birth weight	Smoke	rs111778406	G	G	0.0492	0.00893443	NA
Birth weight	Smoke	rs113086489	T	T	0.0307	0.00543448	NA
Birth weight	Smoke	rs11720108	T	T	0.046	-0.0117024	NA
Birth weight	Smoke	rs12543725	A	A	-0.0231	-0.0130056	NA
Birth weight	Smoke	rs12906125	A	A	-0.0228	-0.000289212	rs1894400
Birth weight	Smoke	rs13266210	G	G	-0.0308	0.0088334	NA
Birth weight	Smoke	rs134594	T	T	-0.0227	0.00592633	NA
Birth weight	Smoke	rs138715366	T	T	-0.2412	-0.0163226	NA
Birth weight	Smoke	rs1411424	A	A	0.0212	0.00664464	NA
Birth weight	Smoke	rs144843919	A	A	-0.066	-0.0209962	NA
Birth weight	Smoke	rs17034876	T	T	0.0471	0.000627725	NA
Birth weight	Smoke	rs1819436	C	C	0.0329	0.00778337	NA
Birth weight	Smoke	rs2131354	A	A	0.0259	0.000477434	NA
Birth weight	Smoke	rs2168443	A	A	-0.0228	-0.00151857	NA
Birth weight	Smoke	rs2229742	C	C	-0.036	0.0102498	NA
Birth weight	Smoke	rs2306547	T	T	-0.0211	0.00186875	NA

Birth weight	Smoke	rs2473248	C	C	0.0325	-0.00521537	NA
Birth weight	Smoke	rs2497304	T	T	-0.0282	0.00326014	NA
Birth weight	Smoke	rs28530618	G	G	-0.0261	-0.0100686	NA
Birth weight	Smoke	rs2946179	C	C	0.024	0.0024366	NA
Birth weight	Smoke	rs3780573	A	A	0.0555	0.0165882	NA
Birth weight	Smoke	rs41311445	C	C	-0.0445	0.0147864	NA
Birth weight	Smoke	rs4144829	T	T	-0.0341	-0.0111174	NA
Birth weight	Smoke	rs6016377	T	T	0.0239	-0.0109176	NA
Birth weight	Smoke	rs72480273	C	C	0.0313	-0.0141054	NA
Birth weight	Smoke	rs72833480	A	A	0.0226	0.00812284	NA
Birth weight	Smoke	rs72851023	T	T	0.0476	-0.000344932	NA
Birth weight	Smoke	rs740746	A	A	0.0364	-0.00220305	NA
Birth weight	Smoke	rs753381	C	C	-0.0205	-0.0074136	NA
Birth weight	Smoke	rs7575873	G	G	-0.0384	0.00625795	rs72798064
Birth weight	Smoke	rs7964361	A	A	0.0391	0.0100397	NA
Birth weight	Smoke	rs798498	G	G	-0.0229	-0.0120551	NA
Birth weight	Smoke	rs7998537	A	A	-0.0222	0.00177815	NA
Birth weight	Smoke	rs854037	G	G	-0.0268	0.00369145	NA
Birth weight	Smoke	rs900399	G	G	-0.0523	-0.00424271	NA
Birth weight	Alcoholic drinks	rs10818797	C	C	0.0345	0.00825624	NA
Birth weight	Alcoholic drinks	rs10830963	G	G	0.0232	-0.000951233	NA
Birth weight	Alcoholic drinks	rs10872678	C	C	-0.0375	-0.00112009	NA
Birth weight	Alcoholic drinks	rs10935733	C	C	-0.0221	0.00259314	NA
Birth weight	Alcoholic drinks	rs111778406	G	G	0.0492	0.00372578	NA
Birth weight	Alcoholic drinks	rs113086489	T	T	0.0307	0.00273312	NA
Birth weight	Alcoholic drinks	rs11720108	T	T	0.046	-0.00173796	NA
Birth weight	Alcoholic drinks	rs1187118	T	T	-0.0299	-0.000703545	NA
Birth weight	Alcoholic drinks	rs12543725	A	A	-0.0231	-0.00167334	NA
Birth weight	Alcoholic drinks	rs12906125	A	A	-0.0228	-0.00343388	rs1894400

Birth weight	Alcoholic drinks	rs13266210	G	G	-0.0308	0.00133575	NA
Birth weight	Alcoholic drinks	rs134594	T	T	-0.0227	0.00380014	NA
Birth weight	Alcoholic drinks	rs138715366	T	T	-0.2412	-0.00254668	NA
Birth weight	Alcoholic drinks	rs1411424	A	A	0.0212	-0.00121261	NA
Birth weight	Alcoholic drinks	rs1415701	A	A	-0.0253	0.0019373	NA
Birth weight	Alcoholic drinks	rs144843919	A	A	-0.066	3.22E-05	NA
Birth weight	Alcoholic drinks	rs17034876	T	T	0.0471	-0.00315746	NA
Birth weight	Alcoholic drinks	rs1819436	C	C	0.0329	0.00486087	NA
Birth weight	Alcoholic drinks	rs2131354	A	A	0.0259	-0.00260739	NA
Birth weight	Alcoholic drinks	rs2168443	A	A	-0.0228	-0.000569829	NA
Birth weight	Alcoholic drinks	rs2229742	C	C	-0.036	0.00256372	NA
Birth weight	Alcoholic drinks	rs2306547	T	T	-0.0211	-0.00236603	NA
Birth weight	Alcoholic drinks	rs2473248	C	C	0.0325	0.000823312	NA
Birth weight	Alcoholic drinks	rs2497304	T	T	-0.0282	-0.00507262	NA
Birth weight	Alcoholic drinks	rs28530618	G	G	-0.0261	-0.00663247	NA
Birth weight	Alcoholic drinks	rs2946179	C	C	0.024	-0.00160048	NA
Birth weight	Alcoholic drinks	rs35261542	A	A	-0.0444	8.60E-05	NA
Birth weight	Alcoholic drinks	rs3753639	C	C	0.0306	0.00317042	NA
Birth weight	Alcoholic drinks	rs41311445	C	C	-0.0445	-0.00194525	NA
Birth weight	Alcoholic drinks	rs4144829	T	T	-0.0341	-0.00117219	NA
Birth weight	Alcoholic drinks	rs6016377	T	T	0.0239	0.00288452	NA
Birth weight	Alcoholic drinks	rs72480273	C	C	0.0313	-0.000522444	NA
Birth weight	Alcoholic drinks	rs72833480	A	A	0.0226	-0.000119434	NA
Birth weight	Alcoholic drinks	rs72851023	T	T	0.0476	0.00418679	NA
Birth weight	Alcoholic drinks	rs740746	A	A	0.0364	-0.00025299	NA
Birth weight	Alcoholic drinks	rs753381	C	C	-0.0205	5.77E-05	NA
Birth weight	Alcoholic drinks	rs7575873	G	G	-0.0384	-0.0060978	rs72798064
Birth weight	Alcoholic drinks	rs7964361	A	A	0.0391	0.00490815	NA
Birth weight	Alcoholic drinks	rs798498	G	G	-0.0229	-0.00258546	NA

Birth weight	Alcoholic drinks	rs7998537	A	A	-0.0222	-0.000302757	NA
Birth weight	Alcoholic drinks	rs854037	G	G	-0.0268	-0.000947865	NA
Birth weight	Alcoholic drinks	rs900399	G	G	-0.0523	-0.00106221	NA
Birth weight	Helicobacter pylori	rs10830963	G	G	0.0232	3.94E-05	NA
Birth weight	Helicobacter pylori	rs10872678	C	C	-0.0375	7.83E-05	NA
Birth weight	Helicobacter pylori	rs10935733	C	C	-0.0221	0.000153244	NA
Birth weight	Helicobacter pylori	rs113086489	T	T	0.0307	0.000128945	NA
Birth weight	Helicobacter pylori	rs11720108	T	T	0.046	-0.000258386	rs34970607
Birth weight	Helicobacter pylori	rs12543725	A	A	-0.0231	4.86E-05	NA
Birth weight	Helicobacter pylori	rs12906125	A	A	-0.0228	-7.66E-05	rs1894400
Birth weight	Helicobacter pylori	rs134594	T	T	-0.0227	-0.000111222	NA
Birth weight	Helicobacter pylori	rs1351394	C	C	-0.0436	-0.000149012	NA
Birth weight	Helicobacter pylori	rs1411424	A	A	0.0212	5.87E-05	NA
Birth weight	Helicobacter pylori	rs1415701	A	A	-0.0253	0.000129756	NA
Birth weight	Helicobacter pylori	rs17034876	T	T	0.0471	-5.03E-05	NA
Birth weight	Helicobacter pylori	rs2131354	A	A	0.0259	4.95E-05	NA
Birth weight	Helicobacter pylori	rs2168443	A	A	-0.0228	0.000176972	NA
Birth weight	Helicobacter pylori	rs2306547	T	T	-0.0211	-1.26E-05	NA
Birth weight	Helicobacter pylori	rs2497304	T	T	-0.0282	-8.54E-05	NA
Birth weight	Helicobacter pylori	rs28530618	G	G	-0.0261	0.000138992	NA
Birth weight	Helicobacter pylori	rs2946179	C	C	0.024	0.000340926	rs2963462
Birth weight	Helicobacter pylori	rs35261542	A	A	-0.0444	-0.000200904	rs6931514
Birth weight	Helicobacter pylori	rs4144829	T	T	-0.0341	3.80E-06	rs2174633
Birth weight	Helicobacter pylori	rs6016377	T	T	0.0239	-7.72E-05	NA
Birth weight	Helicobacter pylori	rs72833480	A	A	0.0226	-0.000101061	NA
Birth weight	Helicobacter pylori	rs7402982	G	G	-0.0232	-3.15E-05	rs7402983
Birth weight	Helicobacter pylori	rs740746	A	A	0.0364	-7.43E-05	NA
Birth weight	Helicobacter pylori	rs753381	C	C	-0.0205	-0.000183461	NA
Birth weight	Helicobacter pylori	rs798498	G	G	-0.0229	0.000103551	NA

Birth weight	Helicobacter pylori	rs7998537	A	A	-0.0222	0.000136588	NA
Birth weight	Helicobacter pylori	rs900399	G	G	-0.0523	1.57E-05	NA
Educational attainment	GERD	rs10066409	T	T	-0.0723639	0.0217	NA
Educational attainment	GERD	rs1010334	C	C	0.108246	0.0013	NA
Educational attainment	GERD	rs10215082	G	G	0.0586084	-0.0284	NA
Educational attainment	GERD	rs1050847	T	T	0.0595428	-0.0095	NA
Educational attainment	GERD	rs10511592	G	G	-0.0867155	0.026	NA
Educational attainment	GERD	rs10518019	G	G	0.0761471	-0.003	NA
Educational attainment	GERD	rs10745789	T	T	-0.0561053	-0.0105	NA
Educational attainment	GERD	rs10760023	G	G	0.0593368	-0.0026	NA
Educational attainment	GERD	rs10765775	A	A	0.081432	-0.0218	NA
Educational attainment	GERD	rs10844179	G	G	-0.0715466	9.00E-04	NA
Educational attainment	GERD	rs10854884	A	A	0.078312	0.0089	NA
Educational attainment	GERD	rs10994777	A	A	0.0949361	-0.037	NA
Educational attainment	GERD	rs11138947	T	T	0.0643824	-0.0099	NA
Educational attainment	GERD	rs11155821	C	C	0.0726364	-0.0203	NA
Educational attainment	GERD	rs11243838	A	A	0.0702729	-0.0048	NA
Educational attainment	GERD	rs11572842	C	C	0.0580733	-0.0023	NA
Educational attainment	GERD	rs115877304	T	T	0.138726	0.0167	NA
Educational attainment	GERD	rs11604034	C	C	-0.0911645	0.0164	NA
Educational attainment	GERD	rs11635966	T	T	-0.0655518	0.0162	NA
Educational attainment	GERD	rs11661305	G	G	-0.0656792	-0.0021	NA
Educational attainment	GERD	rs11678980	A	A	-0.0904398	0.0117	NA
Educational attainment	GERD	rs11690224	T	T	0.0715849	-0.0113	NA
Educational attainment	GERD	rs11693764	C	C	-0.0579596	0.0177	NA
Educational attainment	GERD	rs11714679	G	G	-0.0708595	0.0136	NA
Educational attainment	GERD	rs11732657	A	A	-0.0638885	-0.0017	NA
Educational attainment	GERD	rs11736863	G	G	-0.0920035	-0.002	NA
Educational attainment	GERD	rs118083122	C	C	0.237951	0.0064	NA

Educational attainment	GERD	rs11871429	G	G	-0.072623	-0.0073	NA
Educational attainment	GERD	rs12029988	C	C	0.0624359	-0.0031	NA
Educational attainment	GERD	rs12132451	A	A	-0.0698831	-0.0059	NA
Educational attainment	GERD	rs12468040	G	G	-0.0827748	0.0147	NA
Educational attainment	GERD	rs12474895	C	C	0.0671895	-0.0047	NA
Educational attainment	GERD	rs12503522	T	T	-0.0607185	0.0025	NA
Educational attainment	GERD	rs12532494	T	T	-0.0777275	0.005	NA
Educational attainment	GERD	rs12574281	C	C	0.0580683	-0.0023	NA
Educational attainment	GERD	rs12663818	C	C	-0.0804379	-0.0021	NA
Educational attainment	GERD	rs12735232	C	C	0.0841563	-0.0173	NA
Educational attainment	GERD	rs12804787	G	G	-0.100654	0.0305	NA
Educational attainment	GERD	rs12921005	G	G	-0.0552939	-0.0084	NA
Educational attainment	GERD	rs13409451	G	G	0.0826177	-0.0244	NA
Educational attainment	GERD	rs1363862	A	A	-0.0615747	0.0158	NA
Educational attainment	GERD	rs1381247	C	C	-0.0582167	0.0126	NA
Educational attainment	GERD	rs1391438	C	C	-0.0888146	0.0129	NA
Educational attainment	GERD	rs145590108	T	T	0.12183	0.002	NA
Educational attainment	GERD	rs1569266	G	G	0.0659991	-0.0093	NA
Educational attainment	GERD	rs17489649	G	G	-0.0616343	0.0047	NA
Educational attainment	GERD	rs17513684	C	C	0.0727171	-0.0087	NA
Educational attainment	GERD	rs17628095	A	A	0.0667793	-0.0088	NA
Educational attainment	GERD	rs1835340	A	A	-0.0800164	0.0176	NA
Educational attainment	GERD	rs1869165	C	C	-0.0730433	0.0162	NA
Educational attainment	GERD	rs1880692	G	G	-0.0556627	0.0127	NA
Educational attainment	GERD	rs1892417	C	C	-0.0820081	0.0089	NA
Educational attainment	GERD	rs1917008	T	T	-0.0665413	0.0034	NA
Educational attainment	GERD	rs192436652	T	T	-0.188318	0.054	NA
Educational attainment	GERD	rs2145265	C	C	-0.0778339	0.0084	NA
Educational attainment	GERD	rs2175420	T	T	0.0774604	0.0014	NA

Educational attainment	GERD	rs2182398	G	G	-0.056024	0.0066	NA
Educational attainment	GERD	rs2190872	C	C	0.0817918	-4.00E-04	NA
Educational attainment	GERD	rs2287838	A	A	-0.0563684	-0.0245	NA
Educational attainment	GERD	rs2299098	C	C	0.0965963	-0.0059	NA
Educational attainment	GERD	rs2332818	C	C	-0.0625738	0.0222	NA
Educational attainment	GERD	rs2559509	A	A	-0.0616624	0.0069	NA
Educational attainment	GERD	rs2604541	T	T	0.0558366	-0.0082	NA
Educational attainment	GERD	rs2706762	T	T	0.0840388	-0.0114	NA
Educational attainment	GERD	rs2735421	G	G	-0.0959075	0.0206	NA
Educational attainment	GERD	rs281324	C	C	-0.0559874	0.0114	NA
Educational attainment	GERD	rs2834011	T	T	0.0613128	-0.0126	NA
Educational attainment	GERD	rs2974312	T	T	0.0689528	-0.0119	NA
Educational attainment	GERD	rs2998309	A	A	0.0654363	-0.0046	NA
Educational attainment	GERD	rs333078	A	A	-0.0590261	0.0175	NA
Educational attainment	GERD	rs34042385	A	A	0.0644879	-0.0045	NA
Educational attainment	GERD	rs34192341	C	C	0.0743144	-0.0145	NA
Educational attainment	GERD	rs34364916	T	T	-0.0796391	0.0049	NA
Educational attainment	GERD	rs35811586	T	T	0.120428	-0.0287	NA
Educational attainment	GERD	rs35917528	A	A	0.0896539	-0.0245	NA
Educational attainment	GERD	rs3747631	C	C	0.107813	-0.0025	NA
Educational attainment	GERD	rs3788556	C	C	-0.0660593	0.002	NA
Educational attainment	GERD	rs3794620	C	C	-0.0636456	0.0196	NA
Educational attainment	GERD	rs3800925	C	C	-0.0860039	0.0103	NA
Educational attainment	GERD	rs3825083	T	T	0.0936692	-0.0098	NA
Educational attainment	GERD	rs3827531	C	C	0.0555168	-0.0054	NA
Educational attainment	GERD	rs3847225	C	C	0.0897348	-0.004	NA
Educational attainment	GERD	rs3943093	T	T	-0.0832401	0.0067	NA
Educational attainment	GERD	rs4130477	C	C	-0.0633443	0.0142	NA
Educational attainment	GERD	rs4146675	T	T	0.0559491	-0.017	NA

Educational attainment	GERD	rs42210	C	C	-0.0614002	-0.0062	NA
Educational attainment	GERD	rs4726070	A	A	0.0659343	-0.0016	NA
Educational attainment	GERD	rs4731992	G	G	0.0974098	-0.0176	NA
Educational attainment	GERD	rs4757957	C	C	0.0672869	-0.0147	NA
Educational attainment	GERD	rs4780563	G	G	0.076958	0.0029	NA
Educational attainment	GERD	rs4958568	A	A	-0.066563	-0.0068	NA
Educational attainment	GERD	rs55800473	C	C	-0.0698778	0.0195	NA
Educational attainment	GERD	rs55842281	G	G	0.0648012	-0.0014	NA
Educational attainment	GERD	rs55859553	A	A	0.059787	-0.0236	NA
Educational attainment	GERD	rs55872852	G	G	0.134572	-8.00E-04	NA
Educational attainment	GERD	rs56118554	T	T	0.0885165	-0.0066	NA
Educational attainment	GERD	rs575113	A	A	0.0610304	-0.0203	NA
Educational attainment	GERD	rs59123361	A	A	-0.114204	0.009	NA
Educational attainment	GERD	rs61787087	A	A	0.057584	-0.0177	NA
Educational attainment	GERD	rs61868084	A	A	0.0742181	-0.0043	NA
Educational attainment	GERD	rs62018215	T	T	0.0764139	-0.0054	NA
Educational attainment	GERD	rs62184483	G	G	-0.0917504	0.0157	NA
Educational attainment	GERD	rs62389638	C	C	0.0883714	-0.0356	NA
Educational attainment	GERD	rs6429911	C	C	0.112184	-0.0234	NA
Educational attainment	GERD	rs6556982	G	G	0.0563562	-0.0017	NA
Educational attainment	GERD	rs6682095	C	C	0.112892	-0.0591	NA
Educational attainment	GERD	rs66844142	A	A	0.109658	-0.0154	NA
Educational attainment	GERD	rs6760772	G	G	-0.0570927	0.0095	NA
Educational attainment	GERD	rs67651814	C	C	-0.0715902	0.014	NA
Educational attainment	GERD	rs6779254	C	C	-0.072527	-0.0021	NA
Educational attainment	GERD	rs6789699	C	C	-0.0721689	0.0096	NA
Educational attainment	GERD	rs67944653	T	T	0.0610074	-0.005	NA
Educational attainment	GERD	rs6959579	A	A	0.0561469	-0.0146	NA
Educational attainment	GERD	rs702606	C	C	-0.0836973	0.0086	NA

Educational attainment	GERD	rs7031698	C	C	0.068215	-0.0117	NA
Educational attainment	GERD	rs711793	T	T	0.0615126	-0.0209	NA
Educational attainment	GERD	rs71646142	T	T	0.0741249	0.0071	NA
Educational attainment	GERD	rs7195278	T	T	0.0717956	-0.0063	NA
Educational attainment	GERD	rs7233920	A	A	-0.0824232	-0.0013	NA
Educational attainment	GERD	rs72807818	A	A	0.0866801	-0.0117	NA
Educational attainment	GERD	rs72828517	C	C	0.103447	-0.0029	NA
Educational attainment	GERD	rs72977992	A	A	-0.111858	-0.0035	NA
Educational attainment	GERD	rs73040036	G	G	0.0669769	-0.0143	NA
Educational attainment	GERD	rs73499064	T	T	-0.075576	-0.0017	NA
Educational attainment	GERD	rs75033012	C	C	-0.160743	0.0103	NA
Educational attainment	GERD	rs7526112	G	G	-0.0750504	-2.00E-04	NA
Educational attainment	GERD	rs7531271	T	T	0.0819718	-0.0176	NA
Educational attainment	GERD	rs75433564	A	A	-0.0715892	-9.00E-04	NA
Educational attainment	GERD	rs7580304	T	T	0.0587154	-0.0044	NA
Educational attainment	GERD	rs7583473	T	T	-0.116511	0.0072	NA
Educational attainment	GERD	rs7598246	C	C	-0.0640455	-0.0141	NA
Educational attainment	GERD	rs7629643	A	A	-0.0699667	0.0056	NA
Educational attainment	GERD	rs76878669	G	G	-0.0682422	0.0046	NA
Educational attainment	GERD	rs77025239	A	A	-0.0815591	0.0131	NA
Educational attainment	GERD	rs7758776	T	T	0.0595829	-0.0079	NA
Educational attainment	GERD	rs77675579	T	T	-0.100803	0.0182	NA
Educational attainment	GERD	rs7768116	T	T	-0.0793815	0.0137	NA
Educational attainment	GERD	rs781289	G	G	-0.184166	0.0123	NA
Educational attainment	GERD	rs78452560	C	C	-0.137808	0.0129	NA
Educational attainment	GERD	rs7868164	C	C	-0.0681872	0.0124	NA
Educational attainment	GERD	rs7868984	C	C	0.117128	-0.0071	NA
Educational attainment	GERD	rs7873964	C	C	-0.0639414	0.0026	NA
Educational attainment	GERD	rs7977614	G	G	0.0669302	-0.0249	NA

Educational attainment	GERD	rs7987170	C	C	-0.0669399	0.0077	NA
Educational attainment	GERD	rs7988201	C	C	0.0663096	-9.00E-04	NA
Educational attainment	GERD	rs7988627	A	A	-0.0606172	-0.0023	NA
Educational attainment	GERD	rs79937071	A	A	-0.0836439	0.0257	NA
Educational attainment	GERD	rs8008382	C	C	0.0627837	-0.0066	NA
Educational attainment	GERD	rs8020034	A	A	0.0905004	-0.0158	NA
Educational attainment	GERD	rs8057808	A	A	0.0683413	-0.0255	NA
Educational attainment	GERD	rs807478	G	G	0.0574274	1.00E-04	NA
Educational attainment	GERD	rs837065	T	T	0.0692074	0.0102	NA
Educational attainment	GERD	rs868698	T	T	-0.0974573	0.0182	NA
Educational attainment	GERD	rs879394	T	T	-0.0671522	0.0196	NA
Educational attainment	GERD	rs9643120	A	A	0.068805	-0.0235	NA
Educational attainment	GERD	rs9797233	C	C	0.0627097	-0.0151	NA
Educational attainment	GERD	rs9888796	C	C	-0.0703321	-0.0029	NA
Educational attainment	BE	rs10066409	T	T	-0.0723639	0.0400183	NA
Educational attainment	BE	rs1010334	C	C	0.108246	0.0473001	NA
Educational attainment	BE	rs10215082	G	G	0.0586084	-0.0207038	rs2188177
Educational attainment	BE	rs1050847	T	T	0.0595428	-0.025059	NA
Educational attainment	BE	rs10511592	G	G	-0.0867155	0.0595704	NA
Educational attainment	BE	rs10518019	G	G	0.0761471	-0.0337994	NA
Educational attainment	BE	rs10745789	T	T	-0.0561053	-0.00277572	rs1558727
Educational attainment	BE	rs10760023	G	G	0.0593368	-0.00684927	NA
Educational attainment	BE	rs10765775	A	A	0.081432	-0.0560948	rs10765777
Educational attainment	BE	rs10844179	G	G	-0.0715466	0.00448756	rs11051944
Educational attainment	BE	rs10854884	A	A	0.078312	-0.00597406	NA
Educational attainment	BE	rs10994777	A	A	0.0949361	-0.0243733	rs2650725
Educational attainment	BE	rs11138947	T	T	0.0643824	-0.0576736	NA
Educational attainment	BE	rs11155821	C	C	0.0726364	-0.00982331	rs12204714
Educational attainment	BE	rs11243838	A	A	0.0702729	-0.00336988	NA

Educational attainment	BE	rs11572842	C	C	0.0580733	-0.00611083	NA
Educational attainment	BE	rs11604034	C	C	-0.0911645	0.037747	rs184654
Educational attainment	BE	rs11635966	T	T	-0.0655518	0.0240854	NA
Educational attainment	BE	rs11661305	G	G	-0.0656792	0.0194538	rs1393330
Educational attainment	BE	rs11693764	C	C	-0.0579596	0.0148927	NA
Educational attainment	BE	rs11714679	G	G	-0.0708595	0.039289	NA
Educational attainment	BE	rs11732657	A	A	-0.0638885	-0.000114021	rs13116970
Educational attainment	BE	rs11736863	G	G	-0.0920035	0.0481109	rs10805248
Educational attainment	BE	rs11871429	G	G	-0.072623	-0.00386772	NA
Educational attainment	BE	rs12029988	C	C	0.0624359	-0.0135941	NA
Educational attainment	BE	rs12132451	A	A	-0.0698831	-0.0121145	NA
Educational attainment	BE	rs12468040	G	G	-0.0827748	0.0281019	rs2138591
Educational attainment	BE	rs12474895	C	C	0.0671895	-0.0101205	rs7576898
Educational attainment	BE	rs12503522	T	T	-0.0607185	0.0501155	NA
Educational attainment	BE	rs12532494	T	T	-0.0777275	0.0287501	rs6979866
Educational attainment	BE	rs12574281	C	C	0.0580683	-0.00224589	rs7947194
Educational attainment	BE	rs12663818	C	C	-0.0804379	0.0411086	NA
Educational attainment	BE	rs12735232	C	C	0.0841563	-0.0346153	NA
Educational attainment	BE	rs13409451	G	G	0.0826177	-0.0441899	NA
Educational attainment	BE	rs1363862	A	A	-0.0615747	0.0112783	NA
Educational attainment	BE	rs1381247	C	C	-0.0582167	0.00847367	NA
Educational attainment	BE	rs1391438	C	C	-0.0888146	0.0390799	NA
Educational attainment	BE	rs1569266	G	G	0.0659991	-0.00775234	NA
Educational attainment	BE	rs17489649	G	G	-0.0616343	0.0245833	NA
Educational attainment	BE	rs17513684	C	C	0.0727171	0.012015	NA
Educational attainment	BE	rs175325	A	A	-0.0617016	0.00540811	rs199815
Educational attainment	BE	rs17563464	A	A	-0.0861095	0.015247	NA
Educational attainment	BE	rs17628095	A	A	0.0667793	-0.0219729	NA
Educational attainment	BE	rs1835340	A	A	-0.0800164	0.00530145	rs1430155

Educational attainment	BE	rs1869165	C	C	-0.0730433	0.0546034	NA
Educational attainment	BE	rs1880692	G	G	-0.0556627	-0.020167	NA
Educational attainment	BE	rs1892417	C	C	-0.0820081	0.0588866	NA
Educational attainment	BE	rs1917008	T	T	-0.0665413	-0.0202945	NA
Educational attainment	BE	rs2175420	T	T	0.0774604	-0.00658411	NA
Educational attainment	BE	rs2190872	C	C	0.0817918	0.0219482	NA
Educational attainment	BE	rs2287838	A	A	-0.0563684	-0.00873269	NA
Educational attainment	BE	rs2299098	C	C	0.0965963	-0.0439692	NA
Educational attainment	BE	rs2604541	T	T	0.0558366	-0.0293862	NA
Educational attainment	BE	rs2706762	T	T	0.0840388	0.000995912	NA
Educational attainment	BE	rs281324	C	C	-0.0559874	-0.0110669	rs281320
Educational attainment	BE	rs2834011	T	T	0.0613128	-0.0325896	NA
Educational attainment	BE	rs2974312	T	T	0.0689528	-0.0315626	NA
Educational attainment	BE	rs2998309	A	A	0.0654363	-0.0130399	NA
Educational attainment	BE	rs333078	A	A	-0.0590261	0.0340144	rs2360635
Educational attainment	BE	rs34042385	A	A	0.0644879	-0.0309048	rs4866539
Educational attainment	BE	rs3747631	C	C	0.107813	0.0185869	rs3747630
Educational attainment	BE	rs3794620	C	C	-0.0636456	0.046708	rs3794621
Educational attainment	BE	rs3800925	C	C	-0.0860039	0.0327805	rs13230911
Educational attainment	BE	rs3825083	T	T	0.0936692	-0.036613	rs1986946
Educational attainment	BE	rs3827531	C	C	0.0555168	-0.0181392	NA
Educational attainment	BE	rs3943093	T	T	-0.0832401	0.0421909	rs10926987
Educational attainment	BE	rs4130477	C	C	-0.0633443	0.0116699	NA
Educational attainment	BE	rs4726070	A	A	0.0659343	-0.0182407	NA
Educational attainment	BE	rs4731992	G	G	0.0974098	-0.039451	NA
Educational attainment	BE	rs4757957	C	C	0.0672869	-0.00839048	NA
Educational attainment	BE	rs4780563	G	G	0.076958	-0.0349479	NA
Educational attainment	BE	rs4958568	A	A	-0.066563	-0.00181128	NA
Educational attainment	BE	rs55842281	G	G	0.0648012	0.00377943	rs2196961

Educational attainment	BE	rs55859553	A	A	0.059787	-0.0405401	rs17048855
Educational attainment	BE	rs575113	A	A	0.0610304	-0.0464026	rs3738772
Educational attainment	BE	rs61868084	A	A	0.0742181	0.00482993	rs11201590
Educational attainment	BE	rs62018215	T	T	0.0764139	-0.0403509	rs17600549
Educational attainment	BE	rs6429911	C	C	0.112184	-0.0621006	NA
Educational attainment	BE	rs6556982	G	G	0.0563562	-0.0164979	NA
Educational attainment	BE	rs6682095	C	C	0.112892	-0.0476217	rs9803974
Educational attainment	BE	rs6760772	G	G	-0.0570927	0.0116833	NA
Educational attainment	BE	rs67651814	C	C	-0.0715902	0.0149509	rs6073615
Educational attainment	BE	rs6779254	C	C	-0.072527	0.00939874	NA
Educational attainment	BE	rs6789699	C	C	-0.0721689	0.0128855	NA
Educational attainment	BE	rs6959579	A	A	0.0561469	-0.00764654	NA
Educational attainment	BE	rs702606	C	C	-0.0836973	0.0269056	rs702613
Educational attainment	BE	rs7031698	C	C	0.068215	0.0131088	NA
Educational attainment	BE	rs71646142	T	T	0.0741249	0.0410885	rs12740519
Educational attainment	BE	rs7195278	T	T	0.0717956	-0.00686677	NA
Educational attainment	BE	rs7233920	A	A	-0.0824232	0.0334175	NA
Educational attainment	BE	rs72807818	A	A	0.0866801	-0.0162176	rs9973354
Educational attainment	BE	rs72828517	C	C	0.103447	-0.0168817	rs9477970
Educational attainment	BE	rs73499064	T	T	-0.075576	0.0342444	rs17208030
Educational attainment	BE	rs7526112	G	G	-0.0750504	0.0353268	rs6680107
Educational attainment	BE	rs7531271	T	T	0.0819718	-0.022781	rs487917
Educational attainment	BE	rs75433564	A	A	-0.0715892	0.031874	rs10795835
Educational attainment	BE	rs7583473	T	T	-0.116511	0.00432954	NA
Educational attainment	BE	rs7598246	C	C	-0.0640455	0.0166383	rs6718013
Educational attainment	BE	rs7629643	A	A	-0.0699667	0.0257267	NA
Educational attainment	BE	rs77025239	A	A	-0.0815591	0.0470958	rs741501
Educational attainment	BE	rs7758776	T	T	0.0595829	-0.0177695	rs1328688

Educational attainment	BE	rs7768116	T	T	-0.0793815	0.033363	rs9383520
Educational attainment	BE	rs781289	G	G	-0.184166	0.0235696	NA
Educational attainment	BE	rs78452560	C	C	-0.137808	0.0505696	rs2787923
Educational attainment	BE	rs7868164	C	C	-0.0681872	-0.0326995	rs1516886
Educational attainment	BE	rs7868984	C	C	0.117128	-0.0165796	NA
Educational attainment	BE	rs7977614	G	G	0.0669302	-0.0248391	NA
Educational attainment	BE	rs7987170	C	C	-0.0669399	0.0317433	rs4943293
Educational attainment	BE	rs7988201	C	C	0.0663096	0.00496275	NA
Educational attainment	BE	rs8020034	A	A	0.0905004	-0.0663909	NA
Educational attainment	BE	rs8057808	A	A	0.0683413	-0.0502691	NA
Educational attainment	BE	rs807478	G	G	0.0574274	0.034602	rs807479
Educational attainment	BE	rs837065	T	T	0.0692074	-0.0115154	NA
Educational attainment	BE	rs868698	T	T	-0.0974573	0.030704	rs16960499
Educational attainment	BE	rs879394	T	T	-0.0671522	0.0474217	NA
Educational attainment	BE	rs9643120	A	A	0.068805	-0.0307822	NA
Educational attainment	BE	rs9888796	C	C	-0.0703321	-0.0199937	rs3961283
Educational attainment	EA	rs10066409	T	T	-0.0723639	-0.019	NA
Educational attainment	EA	rs1010334	C	C	0.108246	-0.042	NA
Educational attainment	EA	rs10215082	G	G	0.0586084	-0.0387	NA
Educational attainment	EA	rs1050847	T	T	0.0595428	-0.0439	NA
Educational attainment	EA	rs10511592	G	G	-0.0867155	0.0494	NA
Educational attainment	EA	rs10518019	G	G	0.0761471	0.0291	NA
Educational attainment	EA	rs10745789	T	T	-0.0561053	-0.0035	NA
Educational attainment	EA	rs10765775	A	A	0.081432	-0.0633	NA
Educational attainment	EA	rs10844179	G	G	-0.0715466	0.0056	NA
Educational attainment	EA	rs10854884	A	A	0.078312	-0.0288	NA
Educational attainment	EA	rs10994777	A	A	0.0949361	-0.016	NA
Educational attainment	EA	rs11138947	T	T	0.0643824	-0.0284	NA
Educational attainment	EA	rs11155821	C	C	0.0726364	0.0364	NA

Educational attainment	EA	rs11243838	A	A	0.0702729	-0.0019	NA
Educational attainment	EA	rs11572842	C	C	0.0580733	-0.0108	NA
Educational attainment	EA	rs115877304	T	T	0.138726	0.054	NA
Educational attainment	EA	rs11635966	T	T	-0.0655518	-0.0124	NA
Educational attainment	EA	rs11661305	G	G	-0.0656792	0.0341	NA
Educational attainment	EA	rs11678980	A	A	-0.0904398	0.0112	NA
Educational attainment	EA	rs11690224	T	T	0.0715849	-0.0107	NA
Educational attainment	EA	rs11693764	C	C	-0.0579596	-0.0054	NA
Educational attainment	EA	rs11714679	G	G	-0.0708595	-0.0221	NA
Educational attainment	EA	rs11732657	A	A	-0.0638885	0.0452	NA
Educational attainment	EA	rs11736863	G	G	-0.0920035	0.0523	NA
Educational attainment	EA	rs11871429	G	G	-0.072623	0.0507	NA
Educational attainment	EA	rs12029988	C	C	0.0624359	-0.002	NA
Educational attainment	EA	rs12132451	A	A	-0.0698831	-0.0299	NA
Educational attainment	EA	rs12468040	G	G	-0.0827748	0.0219	NA
Educational attainment	EA	rs12474895	C	C	0.0671895	0.0694	NA
Educational attainment	EA	rs12503522	T	T	-0.0607185	0.0728	NA
Educational attainment	EA	rs12532494	T	T	-0.0777275	-0.0261	NA
Educational attainment	EA	rs12574281	C	C	0.0580683	-0.015	NA
Educational attainment	EA	rs12663818	C	C	-0.0804379	-0.0126	NA
Educational attainment	EA	rs12735232	C	C	0.0841563	-0.0432	NA
Educational attainment	EA	rs12804787	G	G	-0.100654	0.0058	NA
Educational attainment	EA	rs12921005	G	G	-0.0552939	0.0229	NA
Educational attainment	EA	rs13409451	G	G	0.0826177	-0.042	NA
Educational attainment	EA	rs1363862	A	A	-0.0615747	-0.0776	NA
Educational attainment	EA	rs1381247	C	C	-0.0582167	0.0154	NA
Educational attainment	EA	rs1391438	C	C	-0.0888146	-0.0014	NA
Educational attainment	EA	rs145590108	T	T	0.12183	-0.0417	NA
Educational attainment	EA	rs17489649	G	G	-0.0616343	-0.0083	NA

Educational attainment	EA	rs17513684	C	C	0.0727171	-0.0279	NA
Educational attainment	EA	rs17563464	A	A	-0.0861095	-8.00E-04	NA
Educational attainment	EA	rs17628095	A	A	0.0667793	0.0192	NA
Educational attainment	EA	rs1835340	A	A	-0.0800164	-0.0048	NA
Educational attainment	EA	rs1869165	C	C	-0.0730433	0.039	NA
Educational attainment	EA	rs1880692	G	G	-0.0556627	-0.054	NA
Educational attainment	EA	rs1892417	C	C	-0.0820081	0.0535	NA
Educational attainment	EA	rs1917008	T	T	-0.0665413	-0.0362	NA
Educational attainment	EA	rs192436652	T	T	-0.188318	0.0724	NA
Educational attainment	EA	rs2145265	C	C	-0.0778339	0.1141	NA
Educational attainment	EA	rs2175420	T	T	0.0774604	-0.0249	NA
Educational attainment	EA	rs2182398	G	G	-0.056024	-0.0353	NA
Educational attainment	EA	rs2190872	C	C	0.0817918	0.0046	NA
Educational attainment	EA	rs2287838	A	A	-0.0563684	-0.0101	NA
Educational attainment	EA	rs2332818	C	C	-0.0625738	0.0028	NA
Educational attainment	EA	rs2559509	A	A	-0.0616624	-0.0023	NA
Educational attainment	EA	rs2604541	T	T	0.0558366	-0.0359	NA
Educational attainment	EA	rs2706762	T	T	0.0840388	-0.0654	NA
Educational attainment	EA	rs2735421	G	G	-0.0959075	0.0152	NA
Educational attainment	EA	rs281324	C	C	-0.0559874	-0.0097	NA
Educational attainment	EA	rs2834011	T	T	0.0613128	0.0456	NA
Educational attainment	EA	rs2974312	T	T	0.0689528	-0.0675	NA
Educational attainment	EA	rs2998309	A	A	0.0654363	0.0239	NA
Educational attainment	EA	rs333078	A	A	-0.0590261	-0.0107	NA
Educational attainment	EA	rs34042385	A	A	0.0644879	0.0834	NA
Educational attainment	EA	rs34192341	C	C	0.0743144	0.0052	NA
Educational attainment	EA	rs34364916	T	T	-0.0796391	0.0228	NA
Educational attainment	EA	rs35917528	A	A	0.0896539	-0.0012	NA
Educational attainment	EA	rs3788556	C	C	-0.0660593	-0.0434	NA

Educational attainment	EA	rs3794620	C	C	-0.0636456	-0.0369	NA
Educational attainment	EA	rs3800925	C	C	-0.0860039	-0.0089	NA
Educational attainment	EA	rs3825083	T	T	0.0936692	-0.0306	NA
Educational attainment	EA	rs3827531	C	C	0.0555168	-0.0442	NA
Educational attainment	EA	rs3847225	C	C	0.0897348	0.0363	NA
Educational attainment	EA	rs3943093	T	T	-0.0832401	0.0688	NA
Educational attainment	EA	rs4130477	C	C	-0.0633443	-0.0193	NA
Educational attainment	EA	rs4146675	T	T	0.0559491	-0.0233	NA
Educational attainment	EA	rs417968	A	A	0.0924249	0.0471	rs241027
Educational attainment	EA	rs4726070	A	A	0.0659343	-0.0038	NA
Educational attainment	EA	rs4731992	G	G	0.0974098	-0.0575	NA
Educational attainment	EA	rs4780563	G	G	0.076958	-0.0198	NA
Educational attainment	EA	rs4958568	A	A	-0.066563	-0.0358	NA
Educational attainment	EA	rs55800473	C	C	-0.0698778	0.0554	NA
Educational attainment	EA	rs55842281	G	G	0.0648012	0.0635	NA
Educational attainment	EA	rs55872852	G	G	0.134572	-0.0313	NA
Educational attainment	EA	rs56118554	T	T	0.0885165	0.0184	NA
Educational attainment	EA	rs575113	A	A	0.0610304	-0.0217	NA
Educational attainment	EA	rs59123361	A	A	-0.114204	-0.0161	NA
Educational attainment	EA	rs6071573	T	T	0.071632	0.0281	NA
Educational attainment	EA	rs61787087	A	A	0.057584	0.0041	NA
Educational attainment	EA	rs61868084	A	A	0.0742181	-0.0462	NA
Educational attainment	EA	rs62018215	T	T	0.0764139	-0.0694	NA
Educational attainment	EA	rs62184483	G	G	-0.0917504	0.0211	NA
Educational attainment	EA	rs62389638	C	C	0.0883714	0.063	NA
Educational attainment	EA	rs6429911	C	C	0.112184	-0.0833	NA
Educational attainment	EA	rs6556982	G	G	0.0563562	-0.0344	NA
Educational attainment	EA	rs66844142	A	A	0.109658	0.0087	NA
Educational attainment	EA	rs6760772	G	G	-0.0570927	-0.0096	NA

Educational attainment	EA	rs6779254	C	C	-0.072527	-0.0284	NA
Educational attainment	EA	rs6789699	C	C	-0.0721689	-0.0357	NA
Educational attainment	EA	rs67944653	T	T	0.0610074	0.008	NA
Educational attainment	EA	rs6959579	A	A	0.0561469	-0.0063	NA
Educational attainment	EA	rs702606	C	C	-0.0836973	-0.0021	NA
Educational attainment	EA	rs7031698	C	C	0.068215	0.0305	NA
Educational attainment	EA	rs711793	T	T	0.0615126	-0.0497	NA
Educational attainment	EA	rs71646142	T	T	0.0741249	0.0513	NA
Educational attainment	EA	rs7195278	T	T	0.0717956	-0.001	NA
Educational attainment	EA	rs7233920	A	A	-0.0824232	0.0257	NA
Educational attainment	EA	rs72807818	A	A	0.0866801	0.0364	NA
Educational attainment	EA	rs72828517	C	C	0.103447	-0.0331	NA
Educational attainment	EA	rs72977992	A	A	-0.111858	-0.0286	NA
Educational attainment	EA	rs73499064	T	T	-0.075576	0.0053	NA
Educational attainment	EA	rs7526112	G	G	-0.0750504	0.0126	NA
Educational attainment	EA	rs7531271	T	T	0.0819718	-0.0311	NA
Educational attainment	EA	rs75433564	A	A	-0.0715892	0.0047	NA
Educational attainment	EA	rs7583473	T	T	-0.116511	0.009	NA
Educational attainment	EA	rs7598246	C	C	-0.0640455	-0.0198	NA
Educational attainment	EA	rs7629643	A	A	-0.0699667	0.0234	NA
Educational attainment	EA	rs77025239	A	A	-0.0815591	-0.0137	NA
Educational attainment	EA	rs7758776	T	T	0.0595829	-0.0373	NA
Educational attainment	EA	rs77675579	T	T	-0.100803	0.0091	NA
Educational attainment	EA	rs7768116	T	T	-0.0793815	0.0166	NA
Educational attainment	EA	rs781289	G	G	-0.184166	-0.0172	NA
Educational attainment	EA	rs7868164	C	C	-0.0681872	0.0262	NA
Educational attainment	EA	rs7868984	C	C	0.117128	0.033	NA
Educational attainment	EA	rs7873964	C	C	-0.0639414	-0.0029	NA
Educational attainment	EA	rs7977614	G	G	0.0669302	-0.0245	NA

Educational attainment	EA	rs7988201	C	C	0.0663096	-0.0592	NA
Educational attainment	EA	rs7988627	A	A	-0.0606172	-0.0074	NA
Educational attainment	EA	rs79937071	A	A	-0.0836439	-0.0044	NA
Educational attainment	EA	rs8008382	C	C	0.0627837	0.0233	NA
Educational attainment	EA	rs8020034	A	A	0.0905004	-0.0193	NA
Educational attainment	EA	rs8057808	A	A	0.0683413	-0.0077	NA
Educational attainment	EA	rs807478	G	G	0.0574274	0.0416	NA
Educational attainment	EA	rs837065	T	T	0.0692074	-0.0187	NA
Educational attainment	EA	rs868698	T	T	-0.0974573	-0.0345	NA
Educational attainment	EA	rs879394	T	T	-0.0671522	0.1067	NA
Educational attainment	EA	rs9643120	A	A	0.068805	0.0031	NA
Educational attainment	EA	rs9797233	C	C	0.0627097	-0.0222	NA
Educational attainment	EA	rs9888796	C	C	-0.0703321	-0.0192	NA
BMI	GERD	rs10009336	T	T	-0.014	5.00E-04	NA
BMI	GERD	rs1006896	C	C	-0.0234	-0.0199	NA
BMI	GERD	rs10132280	A	A	-0.0223	0.0095	NA
BMI	GERD	rs10182181	G	G	0.0325	-0.0021	NA
BMI	GERD	rs10192119	G	G	0.0166	0.0048	NA
BMI	GERD	rs10197031	C	C	0.0166	0.0256	NA
BMI	GERD	rs10243319	C	C	-0.0107	-0.0138	NA
BMI	GERD	rs10247983	A	A	0.0201	0.0012	NA
BMI	GERD	rs10248136	T	T	-0.0097	-0.0246	NA
BMI	GERD	rs10269783	A	A	0.0133	-0.0077	NA
BMI	GERD	rs10408324	T	T	-0.0124	0.0018	NA
BMI	GERD	rs10478110	C	C	0.01	3.00E-04	NA
BMI	GERD	rs1048932	A	A	-0.016	-0.0089	NA
BMI	GERD	rs10492229	T	T	0.0142	0.0087	NA
BMI	GERD	rs10510419	T	T	-0.0177	-0.0038	NA
BMI	GERD	rs10518694	A	A	0.0146	0.0349	NA

BMI	GERD	rs1064213	A	A	0.012	-0.0023	NA
BMI	GERD	rs10733051	G	G	-0.0097	-0.0049	NA
BMI	GERD	rs10742752	C	C	0.0124	0.0028	NA
BMI	GERD	rs10750215	T	T	0.0108	0.0146	NA
BMI	GERD	rs1075901	C	C	0.0121	0.0068	NA
BMI	GERD	rs10768994	C	C	-0.0114	-0.0169	NA
BMI	GERD	rs10795422	G	G	0.0139	2.00E-04	NA
BMI	GERD	rs10811871	G	G	-0.0108	0.0028	NA
BMI	GERD	rs10832778	G	G	0.0125	0.0129	NA
BMI	GERD	rs10858334	G	G	0.0143	0.0358	NA
BMI	GERD	rs10867256	T	T	-0.0118	-0.0085	NA
BMI	GERD	rs10914462	G	G	-0.0112	-0.0151	NA
BMI	GERD	rs10915840	A	A	-0.0118	-0.0134	NA
BMI	GERD	rs10920678	G	G	-0.0155	3.00E-04	NA
BMI	GERD	rs10938397	G	G	0.0324	0.0105	NA
BMI	GERD	rs10942267	G	G	-0.0156	3.00E-04	NA
BMI	GERD	rs10953740	G	G	-0.0153	0.0066	NA
BMI	GERD	rs10962550	C	C	0.0182	0.0136	NA
BMI	GERD	rs10968114	C	C	-0.0113	0.0095	NA
BMI	GERD	rs10971709	T	T	0.0132	-0.0093	NA
BMI	GERD	rs10984756	G	G	0.0174	0.0103	NA
BMI	GERD	rs11030618	T	T	0.011	0.0041	NA
BMI	GERD	rs11084553	G	G	-0.021	0.0061	NA
BMI	GERD	rs11105839	A	A	-0.0109	0.0084	NA
BMI	GERD	rs11115176	C	C	-0.0121	-0.0106	NA
BMI	GERD	rs11118308	G	G	-0.0101	0.0046	NA
BMI	GERD	rs1112613	A	A	-0.0133	-0.012	NA
BMI	GERD	rs11150911	C	C	-0.0133	0.0018	NA
BMI	GERD	rs11165643	T	T	0.0206	0.0062	NA

BMI	GERD	rs11170468	C	C	-0.0123	-0.0118	NA
BMI	GERD	rs11173522	A	A	0.0128	-0.003	NA
BMI	GERD	rs11185111	A	A	-0.0129	-0.0099	NA
BMI	GERD	rs11251352	G	G	0.0109	0.0065	NA
BMI	GERD	rs11496125	T	T	0.0169	-0.0041	NA
BMI	GERD	rs11505821	T	T	0.0311	-0.0238	NA
BMI	GERD	rs11538	G	G	0.0135	0.0138	NA
BMI	GERD	rs11609659	C	C	-0.0154	-0.007	NA
BMI	GERD	rs11611246	T	T	0.024	0.0023	NA
BMI	GERD	rs11615578	T	T	0.013	-0.0047	NA
BMI	GERD	rs11656076	A	A	-0.0142	-0.0095	NA
BMI	GERD	rs11672660	T	T	-0.034	-0.0269	NA
BMI	GERD	rs11736228	T	T	-0.0139	0.0012	NA
BMI	GERD	rs11738695	A	A	0.0097	0.0052	NA
BMI	GERD	rs11739877	T	T	0.0117	0.0095	NA
BMI	GERD	rs11781699	C	C	0.0132	-0.0121	NA
BMI	GERD	rs1187352	C	C	0.0119	-0.0216	NA
BMI	GERD	rs11880870	G	G	-0.0189	-0.0126	NA
BMI	GERD	rs11908637	A	A	-0.012	-0.001	NA
BMI	GERD	rs11945861	A	A	-0.0148	-0.0103	NA
BMI	GERD	rs11951673	T	T	-0.0123	-0.0022	NA
BMI	GERD	rs12033257	G	G	-0.0146	-0.0211	NA
BMI	GERD	rs12041258	C	C	-0.0146	-0.0126	NA
BMI	GERD	rs12044597	G	G	0.0143	-0.0011	NA
BMI	GERD	rs12049202	T	T	0.024	0.006	NA
BMI	GERD	rs12098284	T	T	0.0178	0.0232	NA
BMI	GERD	rs1218822	A	A	0.0168	9.00E-04	NA
BMI	GERD	rs12299814	A	A	-0.0157	0.0071	NA
BMI	GERD	rs12328930	C	C	0.0098	-0.026	NA

BMI	GERD	rs12334877	A	A	-0.0144	5.00E-04	NA
BMI	GERD	rs12364470	G	G	0.0178	0.008	NA
BMI	GERD	rs12369179	T	T	-0.0359	-0.0081	NA
BMI	GERD	rs12416812	A	A	0.0111	-0.0105	NA
BMI	GERD	rs1241986	A	A	-0.0139	-0.0049	NA
BMI	GERD	rs12422552	C	C	-0.0134	-0.0076	NA
BMI	GERD	rs12429545	A	A	0.0316	0.0054	NA
BMI	GERD	rs12448257	A	A	0.0184	3.00E-04	NA
BMI	GERD	rs12546578	A	A	0.0146	0.0026	NA
BMI	GERD	rs12564992	G	G	0.0196	0.0347	NA
BMI	GERD	rs12593036	G	G	-0.0154	-0.017	NA
BMI	GERD	rs12602912	T	T	0.0176	0.0283	NA
BMI	GERD	rs12629015	G	G	-0.0135	0.0078	NA
BMI	GERD	rs1266874	G	G	0.014	0.0089	NA
BMI	GERD	rs12675063	T	T	0.0156	0.0068	NA
BMI	GERD	rs1268065	A	A	-0.0102	-0.0083	NA
BMI	GERD	rs12718572	T	T	-0.0117	-0.009	NA
BMI	GERD	rs12762034	C	C	0.024	0.0037	NA
BMI	GERD	rs12779328	T	T	0.0105	0.0073	NA
BMI	GERD	rs1285997	G	G	0.0142	-0.0016	NA
BMI	GERD	rs12888545	G	G	0.0136	0.0026	NA
BMI	GERD	rs12888955	A	A	-0.0178	-0.0155	NA
BMI	GERD	rs12905439	G	G	-0.0118	-0.0022	NA
BMI	GERD	rs12914489	A	A	0.0165	0.0133	NA
BMI	GERD	rs12922346	C	C	0.0136	-0.0054	NA
BMI	GERD	rs12933482	G	G	0.0186	0.0051	NA
BMI	GERD	rs12936083	G	G	0.0139	0.0074	NA
BMI	GERD	rs12939549	G	G	-0.018	-0.0142	NA
BMI	GERD	rs1296328	C	C	-0.0179	-0.0237	NA

BMI	GERD	rs12981256	A	A	0.0142	0.0074	NA
BMI	GERD	rs13069244	A	A	0.0187	-0.0178	NA
BMI	GERD	rs13110266	A	A	-0.0117	-0.0011	NA
BMI	GERD	rs13147390	C	C	0.0103	0.0073	NA
BMI	GERD	rs13174863	G	G	0.0192	0.0146	NA
BMI	GERD	rs13184896	T	T	-0.0133	0.0034	NA
BMI	GERD	rs13191362	G	G	-0.0236	-0.0087	NA
BMI	GERD	rs1320903	A	A	0.0216	0.005	NA
BMI	GERD	rs1321432	C	C	0.0201	-0.0131	NA
BMI	GERD	rs13263601	C	C	0.0154	-0.0311	NA
BMI	GERD	rs1327259	G	G	-0.0155	0.0055	NA
BMI	GERD	rs13287131	C	C	0.0123	0.0116	NA
BMI	GERD	rs1330052	G	G	0.0132	0.0084	NA
BMI	GERD	rs13329567	T	T	-0.0293	0.0019	NA
BMI	GERD	rs1365466	T	T	-0.0137	0.0192	NA
BMI	GERD	rs1371108	A	A	0.0119	0.0059	NA
BMI	GERD	rs1409818	T	T	0.0201	0.012	NA
BMI	GERD	rs1412235	C	C	0.0246	-0.0193	NA
BMI	GERD	rs1430387	C	C	-0.0114	-0.0029	NA
BMI	GERD	rs1431659	G	G	-0.0196	-0.0147	NA
BMI	GERD	rs1445652	A	A	0.0123	0.0087	NA
BMI	GERD	rs1472169	T	T	-0.0139	-0.021	NA
BMI	GERD	rs1476322	A	A	0.0101	0.0014	NA
BMI	GERD	rs1477199	G	G	0.0228	0.0053	NA
BMI	GERD	rs1492767	T	T	0.0094	0.0011	NA
BMI	GERD	rs1522569	G	G	-0.0164	-0.0305	NA
BMI	GERD	rs1528435	T	T	0.0164	-0.0015	NA
BMI	GERD	rs1535660	C	C	-0.0147	-0.026	NA
BMI	GERD	rs1538247	C	C	0.0108	-0.0062	NA

BMI	GERD	rs1552893	G	G	-0.0126	-0.0044	NA
BMI	GERD	rs156201	C	C	0.0123	-0.0102	NA
BMI	GERD	rs1656377	C	C	0.0099	0.0074	NA
BMI	GERD	rs1681740	C	C	-0.0115	0.0209	NA
BMI	GERD	rs16849710	G	G	-0.0116	-0.0037	NA
BMI	GERD	rs16851483	T	T	0.0369	-0.0026	NA
BMI	GERD	rs16871902	A	A	0.0125	-0.0041	NA
BMI	GERD	rs16953563	A	A	-0.0134	-0.0118	NA
BMI	GERD	rs17001561	A	A	0.0151	0.0069	NA
BMI	GERD	rs17014375	G	G	0.0172	0.0014	NA
BMI	GERD	rs17033117	T	T	0.0137	0.0118	NA
BMI	GERD	rs17056301	C	C	0.0118	0.0122	NA
BMI	GERD	rs17113297	T	T	0.0166	0.0078	NA
BMI	GERD	rs17119937	C	C	0.0212	-0.0134	NA
BMI	GERD	rs17203016	G	G	0.015	-0.0054	NA
BMI	GERD	rs17238110	G	G	-0.0353	-0.0435	NA
BMI	GERD	rs17311369	T	T	-0.0104	-0.0078	NA
BMI	GERD	rs17399237	C	C	-0.0129	0.0105	NA
BMI	GERD	rs17405819	C	C	-0.0215	0.0057	NA
BMI	GERD	rs17425707	C	C	0.0167	-5.00E-04	NA
BMI	GERD	rs17446257	A	A	0.0153	0.0058	NA
BMI	GERD	rs17499593	G	G	0.0125	0.0024	NA
BMI	GERD	rs17513613	C	C	0.0186	-0.0024	NA
BMI	GERD	rs175165	G	G	-0.0103	0.0023	NA
BMI	GERD	rs17535749	A	A	0.015	0.0068	NA
BMI	GERD	rs17551974	A	A	-0.0141	-0.0123	NA
BMI	GERD	rs17636031	C	C	0.016	5.00E-04	NA
BMI	GERD	rs17663412	A	A	0.0157	-0.0132	NA
BMI	GERD	rs17710386	C	C	0.0126	2.00E-04	NA

BMI	GERD	rs17724992	G	G	-0.0183	-0.0299	NA
BMI	GERD	rs17789218	C	C	0.013	0.0198	NA
BMI	GERD	rs17806379	T	T	-0.0258	-0.0264	NA
BMI	GERD	rs1784460	A	A	0.0132	0.0064	NA
BMI	GERD	rs1804528	A	A	0.0109	5.00E-04	NA
BMI	GERD	rs1830074	C	C	0.0115	-0.0159	NA
BMI	GERD	rs1836303	G	G	0.0116	0.0141	NA
BMI	GERD	rs1843328	A	A	-0.0099	-0.0031	NA
BMI	GERD	rs1863652	A	A	-0.0115	-0.0149	NA
BMI	GERD	rs1884389	T	T	-0.0103	-0.0113	NA
BMI	GERD	rs1885728	A	A	0.0108	0.0087	NA
BMI	GERD	rs1891216	G	G	0.0107	0.0027	NA
BMI	GERD	rs1896767	A	A	-0.0109	0.0041	NA
BMI	GERD	rs1927790	C	C	0.0148	0.0096	NA
BMI	GERD	rs1928295	C	C	-0.0141	-0.0034	NA
BMI	GERD	rs1937683	T	T	0.0109	-3.00E-04	rs10762499
BMI	GERD	rs1948080	G	G	-0.0137	0.0051	NA
BMI	GERD	rs1982441	T	T	0.0175	-0.0062	NA
BMI	GERD	rs1982725	T	T	0.0097	-0.0078	NA
BMI	GERD	rs2007231	T	T	-0.0104	0.0028	NA
BMI	GERD	rs200810	C	C	-0.0136	0.0053	NA
BMI	GERD	rs2009416	T	T	-0.0121	0.0037	NA
BMI	GERD	rs2033529	G	G	0.0205	0.0027	NA
BMI	GERD	rs2065418	G	G	-0.0166	-0.0015	NA
BMI	GERD	rs208015	C	C	-0.0356	-0.0289	NA
BMI	GERD	rs2124499	C	C	-0.0123	-0.0032	NA
BMI	GERD	rs2143253	A	A	-0.0188	0.0076	NA
BMI	GERD	rs2162524	C	C	0.0155	-0.0019	NA
BMI	GERD	rs217671	G	G	0.0144	0.0141	NA

BMI	GERD	rs2228213	A	A	-0.0139	0.0058	NA
BMI	GERD	rs2235564	T	T	0.0131	-0.0036	NA
BMI	GERD	rs2246012	C	C	0.0158	0.0023	NA
BMI	GERD	rs226000	T	T	0.0119	6.00E-04	NA
BMI	GERD	rs2283093	T	T	0.0127	0.0032	NA
BMI	GERD	rs2285178	C	C	0.0112	-0.0167	NA
BMI	GERD	rs2306537	G	G	0.0133	0.0124	NA
BMI	GERD	rs2307111	C	C	-0.0265	-5.00E-04	NA
BMI	GERD	rs2317299	C	C	-0.0106	0.0121	NA
BMI	GERD	rs2357760	A	A	0.0145	-0.0014	NA
BMI	GERD	rs2361988	C	C	-0.0155	-0.0173	NA
BMI	GERD	rs2365389	T	T	-0.0174	0.0055	NA
BMI	GERD	rs2367112	G	G	-0.0119	-2.00E-04	NA
BMI	GERD	rs2411182	A	A	0.0123	0.0136	rs2411181
BMI	GERD	rs2423668	C	C	-0.0105	0.0117	NA
BMI	GERD	rs2425840	C	C	0.0119	0.0136	NA
BMI	GERD	rs2429150	C	C	0.0111	-0.0144	NA
BMI	GERD	rs2479958	G	G	-0.0154	-0.0219	NA
BMI	GERD	rs2481665	C	C	-0.0161	-0.0106	NA
BMI	GERD	rs2543132	C	C	0.0146	0.0169	NA
BMI	GERD	rs2600226	T	T	-0.0116	-7.00E-04	NA
BMI	GERD	rs2605603	A	A	-0.0103	-0.0142	NA
BMI	GERD	rs2608703	A	A	0.0142	-2.00E-04	NA
BMI	GERD	rs262130	T	T	0.0127	0.0109	NA
BMI	GERD	rs2693826	A	A	-0.0137	0.0155	NA
BMI	GERD	rs2694047	G	G	0.0188	0.0037	NA
BMI	GERD	rs2744974	T	T	0.0249	0.0211	NA
BMI	GERD	rs2791653	G	G	-0.0141	-0.0032	NA
BMI	GERD	rs2832283	A	A	0.0115	-0.0067	NA

BMI	GERD	rs2836964	C	C	-0.011	6.00E-04	NA
BMI	GERD	rs2861683	C	C	-0.0144	-0.0105	NA
BMI	GERD	rs2868975	A	A	-0.0143	0.0064	NA
BMI	GERD	rs287104	A	A	0.0115	-0.0158	NA
BMI	GERD	rs2875762	C	C	0.0139	0.0096	NA
BMI	GERD	rs2907948	A	A	-0.0141	-0.0094	NA
BMI	GERD	rs2931434	T	T	-0.0104	-0.002	NA
BMI	GERD	rs2943465	C	C	0.0248	0.0205	NA
BMI	GERD	rs294704	T	T	-0.0113	-0.0252	NA
BMI	GERD	rs3007105	T	T	0.0142	0.0029	NA
BMI	GERD	rs326896	T	T	-0.0128	0.009	NA
BMI	GERD	rs331966	C	C	0.0112	0.0034	NA
BMI	GERD	rs33500	T	T	-0.0167	4.00E-04	NA
BMI	GERD	rs339991	G	G	0.0124	-0.0053	NA
BMI	GERD	rs349088	A	A	-0.0128	-0.0016	NA
BMI	GERD	rs3731695	C	C	0.0116	0.0118	NA
BMI	GERD	rs3732084	C	C	0.0107	-0.0118	NA
BMI	GERD	rs3736485	G	G	-0.0134	-0.0246	NA
BMI	GERD	rs3749897	T	T	0.0122	-7.00E-04	NA
BMI	GERD	rs3764835	A	A	-0.0141	-0.0051	NA
BMI	GERD	rs3772882	A	A	0.0127	0.0022	rs2316037
BMI	GERD	rs3800637	C	C	0.0115	0.0086	NA
BMI	GERD	rs3806114	A	A	-0.0113	-0.0173	NA
BMI	GERD	rs3806572	A	A	-0.0145	-0.0054	NA
BMI	GERD	rs3807645	A	A	-0.0166	-0.0042	NA
BMI	GERD	rs380857	A	A	-0.0151	-0.0223	NA
BMI	GERD	rs3814883	T	T	0.0232	-0.0011	NA
BMI	GERD	rs3829849	T	T	0.0098	0.0252	NA
BMI	GERD	rs38314	A	A	-0.012	-0.0053	NA

BMI	GERD	rs3844598	G	G	0.0095	-0.0048	NA
BMI	GERD	rs3902951	G	G	0.0134	-0.0232	NA
BMI	GERD	rs3904244	A	A	0.0155	0.0075	NA
BMI	GERD	rs391300	C	C	-0.0119	0.0059	NA
BMI	GERD	rs3935648	G	G	-0.0125	-0.0176	NA
BMI	GERD	rs3977755	T	T	-0.0135	0.0095	NA
BMI	GERD	rs40067	A	A	-0.0266	-0.002	NA
BMI	GERD	rs4012234	G	G	0.0141	0.0097	NA
BMI	GERD	rs4072917	A	A	0.0115	0.0017	NA
BMI	GERD	rs4148155	G	G	-0.0188	-0.019	NA
BMI	GERD	rs4148866	T	T	0.0098	0.0022	NA
BMI	GERD	rs4237643	G	G	-0.0223	-0.0161	NA
BMI	GERD	rs427943	C	C	0.017	0.0091	NA
BMI	GERD	rs429343	G	G	-0.015	0.0047	NA
BMI	GERD	rs4307239	G	G	0.0115	0.0091	NA
BMI	GERD	rs4310573	T	T	0.0116	0.0135	NA
BMI	GERD	rs4358081	C	C	0.0097	-0.0106	NA
BMI	GERD	rs4414033	A	A	0.0129	0.0079	NA
BMI	GERD	rs4430672	C	C	-0.0127	-3.00E-04	NA
BMI	GERD	rs4482463	A	A	-0.0331	0.0027	NA
BMI	GERD	rs4495304	C	C	-0.0194	-0.0178	NA
BMI	GERD	rs4518345	A	A	-0.0117	0.0058	NA
BMI	GERD	rs4556997	A	A	0.0197	0.0072	NA
BMI	GERD	rs4589691	G	G	0.0141	0.003	NA
BMI	GERD	rs4639527	G	G	0.0172	0.0155	NA
BMI	GERD	rs4660443	T	T	0.0164	0.0049	NA
BMI	GERD	rs4671328	G	G	-0.0219	0.0127	NA
BMI	GERD	rs4722398	T	T	0.0158	0.0142	NA
BMI	GERD	rs4740619	C	C	-0.0186	-0.0076	NA

BMI	GERD	rs4757144	A	A	0.0169	0.014	NA
BMI	GERD	rs4783830	A	A	-0.0105	-0.0035	NA
BMI	GERD	rs4786903	G	G	0.0125	0.0085	NA
BMI	GERD	rs4800191	C	C	0.0103	0.0067	NA
BMI	GERD	rs4813619	T	T	-0.0108	0.0025	NA
BMI	GERD	rs4820408	G	G	-0.0151	6.00E-04	NA
BMI	GERD	rs4842491	T	T	0.0098	0.0021	NA
BMI	GERD	rs4858193	C	C	-0.0129	-0.0101	NA
BMI	GERD	rs4864201	C	C	-0.0141	-0.013	NA
BMI	GERD	rs4880341	T	T	-0.0118	0.0052	NA
BMI	GERD	rs4906908	G	G	0.0103	-0.0057	NA
BMI	GERD	rs4929923	C	C	0.0181	8.00E-04	NA
BMI	GERD	rs4936175	C	C	0.0122	-0.0022	NA
BMI	GERD	rs4952843	G	G	-0.0131	0.0012	NA
BMI	GERD	rs4954638	C	C	-0.0118	-0.0159	NA
BMI	GERD	rs4968656	G	G	0.0116	0.0046	NA
BMI	GERD	rs4986044	T	T	-0.0164	-0.0138	NA
BMI	GERD	rs538579	C	C	0.0137	0.0019	NA
BMI	GERD	rs543874	G	G	0.0475	0.0079	NA
BMI	GERD	rs559231	T	T	0.0135	0.009	NA
BMI	GERD	rs577525	C	C	0.0166	-0.0085	NA
BMI	GERD	rs592483	T	T	-0.0147	0.0139	NA
BMI	GERD	rs6050446	G	G	0.0343	0.0289	NA
BMI	GERD	rs6235	G	G	0.0175	0.0317	NA
BMI	GERD	rs6443750	C	C	0.0148	0.003	NA
BMI	GERD	rs6448587	C	C	-0.0167	-0.0069	NA
BMI	GERD	rs645040	T	T	0.0171	-0.0037	NA
BMI	GERD	rs6471941	A	A	0.0156	6.00E-04	NA
BMI	GERD	rs6500208	A	A	0.014	0.014	NA

BMI	GERD	rs6512302	C	C	0.0142	0.0151	NA
BMI	GERD	rs6556301	T	T	-0.0111	-0.0016	NA
BMI	GERD	rs657452	G	G	-0.0188	-0.014	NA
BMI	GERD	rs6587552	G	G	-0.0173	-0.0149	NA
BMI	GERD	rs6591407	A	A	-0.0118	0.0082	NA
BMI	GERD	rs6593688	G	G	0.0137	-0.0051	NA
BMI	GERD	rs6673081	C	C	-0.01	0.0033	NA
BMI	GERD	rs6692586	G	G	-0.0192	-0.0141	NA
BMI	GERD	rs6712	C	C	0.0138	0.0117	NA
BMI	GERD	rs6764533	A	A	0.0116	0.005	NA
BMI	GERD	rs6772756	G	G	-0.0104	-0.0032	NA
BMI	GERD	rs6785245	C	C	0.0132	0.009	NA
BMI	GERD	rs6804842	G	G	0.0156	-0.0239	NA
BMI	GERD	rs6841761	T	T	-0.0131	0.0059	NA
BMI	GERD	rs685870	C	C	0.012	-0.0059	NA
BMI	GERD	rs6985109	A	A	-0.0177	-0.0214	NA
BMI	GERD	rs7037266	A	A	-0.0112	-0.0134	NA
BMI	GERD	rs705217	G	G	-0.0102	-0.0027	NA
BMI	GERD	rs7084454	A	A	0.0193	0.0149	NA
BMI	GERD	rs7102454	C	C	0.0158	0.0144	NA
BMI	GERD	rs7117238	A	A	-0.0131	-0.0231	NA
BMI	GERD	rs7138803	A	A	0.03	0.012	NA
BMI	GERD	rs7148846	G	G	0.0124	0.005	NA
BMI	GERD	rs7172627	G	G	0.0117	0.0071	NA
BMI	GERD	rs7181498	C	C	-0.0163	-0.0043	NA
BMI	GERD	rs7196720	C	C	-0.0129	-0.0061	NA
BMI	GERD	rs7206608	G	G	0.0132	0.0232	NA
BMI	GERD	rs7222349	A	A	0.0115	4.00E-04	NA
BMI	GERD	rs7318817	T	T	-0.0155	-0.0021	NA

BMI	GERD	rs7358465	T	T	0.0103	0.0194	NA
BMI	GERD	rs7488867	T	T	-0.0204	-5.00E-04	NA
BMI	GERD	rs7519259	A	A	0.0125	0.0191	NA
BMI	GERD	rs7535528	A	A	-0.0152	0.0029	NA
BMI	GERD	rs754635	G	G	0.0198	-0.0032	NA
BMI	GERD	rs7550711	T	T	0.0649	-0.0336	NA
BMI	GERD	rs7557796	C	C	-0.016	0.0039	NA
BMI	GERD	rs756717	A	A	-0.0148	-0.0103	NA
BMI	GERD	rs7599312	A	A	-0.0186	-0.0101	NA
BMI	GERD	rs7615297	G	G	-0.0149	0.004	NA
BMI	GERD	rs7626079	T	T	0.011	0.0074	NA
BMI	GERD	rs7637852	G	G	-0.0139	-0.0214	NA
BMI	GERD	rs765875	T	T	-0.0121	0.0033	NA
BMI	GERD	rs7683836	A	A	-0.0114	-0.0047	NA
BMI	GERD	rs7685048	T	T	-0.0101	0.0126	NA
BMI	GERD	rs768840	A	A	0.0114	-0.0116	NA
BMI	GERD	rs769449	A	A	-0.0254	-0.0094	NA
BMI	GERD	rs7694732	G	G	-0.0099	-0.0031	NA
BMI	GERD	rs7703576	C	C	0.0103	0.015	NA
BMI	GERD	rs7704281	A	A	0.0271	0.0112	NA
BMI	GERD	rs7715256	T	T	-0.0166	6.00E-04	NA
BMI	GERD	rs7724675	A	A	-0.0119	-0.0163	NA
BMI	GERD	rs7730004	T	T	0.0148	0.0207	NA
BMI	GERD	rs7730898	A	A	0.0168	8.00E-04	NA
BMI	GERD	rs774246	G	G	0.0153	-0.0183	NA
BMI	GERD	rs7761673	A	A	-0.0126	0.0164	NA
BMI	GERD	rs7780752	C	C	0.0139	-0.0144	NA
BMI	GERD	rs7788008	A	A	-0.0157	-0.0054	NA
BMI	GERD	rs7811342	C	C	-0.0197	0.0232	NA

BMI	GERD	rs7819514	A	A	-0.0107	0.0014	NA
BMI	GERD	rs7826312	C	C	0.0104	0.0091	NA
BMI	GERD	rs7844647	C	C	-0.0123	-0.0045	NA
BMI	GERD	rs7869771	C	C	-0.014	0.0113	NA
BMI	GERD	rs7871866	C	C	0.0187	0.0278	NA
BMI	GERD	rs7899106	G	G	0.0331	0.0308	NA
BMI	GERD	rs7903146	T	T	-0.0181	-0.0023	NA
BMI	GERD	rs7925214	T	T	0.0147	1.00E-04	NA
BMI	GERD	rs7970953	A	A	0.0135	0.0088	NA
BMI	GERD	rs7983065	T	T	-0.0148	-0.023	NA
BMI	GERD	rs7998796	G	G	0.0105	0.0106	NA
BMI	GERD	rs8027205	G	G	-0.0108	0.006	NA
BMI	GERD	rs8036040	A	A	0.0109	1.00E-04	NA
BMI	GERD	rs806600	G	G	-0.0095	0.0015	NA
BMI	GERD	rs8071182	A	A	0.0133	0.0042	NA
BMI	GERD	rs8090983	G	G	0.0118	-0.0088	NA
BMI	GERD	rs8097783	A	A	-0.0389	0.013	NA
BMI	GERD	rs8123881	G	G	0.0196	-0.0196	NA
BMI	GERD	rs8181823	C	C	0.0127	-0.0047	NA
BMI	GERD	rs818524	C	C	0.0106	0.0058	NA
BMI	GERD	rs8192675	C	C	0.0152	-0.0031	NA
BMI	GERD	rs825688	T	T	-0.0095	0.0066	NA
BMI	GERD	rs845084	A	A	0.014	-0.0097	NA
BMI	GERD	rs852056	C	C	-0.0128	6.00E-04	NA
BMI	GERD	rs865809	G	G	-0.0127	-0.0023	NA
BMI	GERD	rs872281	T	T	-0.0151	-0.0043	NA
BMI	GERD	rs876605	G	G	-0.0108	0.0203	NA
BMI	GERD	rs879620	T	T	0.0231	-0.0071	NA
BMI	GERD	rs895330	G	G	-0.0201	0.0078	NA

BMI	GERD	rs902695	A	A	-0.0103	-0.0025	NA
BMI	GERD	rs9294260	A	A	0.0147	-0.0171	NA
BMI	GERD	rs9300422	G	G	-0.0103	0.0011	NA
BMI	GERD	rs930295	C	C	-0.0211	0.0039	NA
BMI	GERD	rs9304665	A	A	0.0229	-0.0181	NA
BMI	GERD	rs934224	T	T	0.0107	0.0243	NA
BMI	GERD	rs9362662	G	G	-0.0112	4.00E-04	NA
BMI	GERD	rs9367368	C	C	-0.0121	-0.0028	NA
BMI	GERD	rs9370261	T	T	0.0231	0.0055	NA
BMI	GERD	rs9375702	T	T	-0.0115	-0.0029	NA
BMI	GERD	rs9408882	A	A	-0.0093	-0.0059	NA
BMI	GERD	rs946824	C	C	-0.0206	-0.0011	NA
BMI	GERD	rs947612	A	A	-0.0116	-0.0155	NA
BMI	GERD	rs9538162	C	C	-0.0156	-0.0185	NA
BMI	GERD	rs9547153	G	G	0.0098	-0.0059	NA
BMI	GERD	rs9571687	A	A	-0.0129	-0.0229	NA
BMI	GERD	rs9615905	T	T	0.011	0.016	NA
BMI	GERD	rs962273	C	C	0.0137	0.0073	NA
BMI	GERD	rs9650755	G	G	0.0154	0.0096	NA
BMI	GERD	rs9688431	C	C	-0.0231	-0.0424	NA
BMI	GERD	rs977747	G	G	-0.0169	-0.009	NA
BMI	GERD	rs9783858	T	T	0.0091	-0.0064	NA
BMI	GERD	rs9806742	A	A	0.0208	0.0139	NA
BMI	GERD	rs9816226	T	T	0.0323	0.0197	NA
BMI	GERD	rs9845966	G	G	-0.0105	0.0012	NA
BMI	GERD	rs987237	G	G	0.0409	0.0231	NA
BMI	GERD	rs9926784	C	C	-0.0258	-0.0219	NA
BMI	GERD	rs9927848	A	A	-0.0122	0.005	NA
BMI	GERD	rs9951619	G	G	0.0156	0.0025	NA

BMI	GERD	rs998732	G	G	-0.0171	-0.0179	NA
BMI	GERD	rs9989141	T	T	0.0162	0.0136	NA
BMI	GERD	rs999889	A	A	-0.0108	0.0173	NA
BMI	BE	rs10009336	T	T	-0.014	0.00963325	NA
BMI	BE	rs1006896	C	C	-0.0234	0.0482531	NA
BMI	BE	rs10132280	A	A	-0.0223	0.0173453	NA
BMI	BE	rs10182181	G	G	0.0325	-0.00623862	NA
BMI	BE	rs10192119	G	G	0.0166	0.0479321	NA
BMI	BE	rs10197031	C	C	0.0166	0.0321445	NA
BMI	BE	rs10243319	C	C	-0.0107	-0.0155052	NA
BMI	BE	rs10247983	A	A	0.0201	-0.0143014	NA
BMI	BE	rs10248136	T	T	-0.0097	-0.0225532	NA
BMI	BE	rs10269783	A	A	0.0133	-0.0330764	NA
BMI	BE	rs10408324	T	T	-0.0124	-0.0167032	NA
BMI	BE	rs10478110	C	C	0.01	0.0375552	NA
BMI	BE	rs1048932	A	A	-0.016	-0.0336499	NA
BMI	BE	rs10492229	T	T	0.0142	0.0114389	NA
BMI	BE	rs10510419	T	T	-0.0177	0.0311422	NA
BMI	BE	rs10518694	A	A	0.0146	0.0617275	NA
BMI	BE	rs1064213	A	A	0.012	0.0385735	NA
BMI	BE	rs10733051	G	G	-0.0097	-0.00186515	NA
BMI	BE	rs10742752	C	C	0.0124	0.00175773	NA
BMI	BE	rs10750215	T	T	0.0108	-0.00402076	NA
BMI	BE	rs1075901	C	C	0.0121	0.0252081	NA
BMI	BE	rs10768994	C	C	-0.0114	0.000219934	NA
BMI	BE	rs10795422	G	G	0.0139	-0.0206161	NA
BMI	BE	rs10811871	G	G	-0.0108	0.00606502	NA
BMI	BE	rs10832778	G	G	0.0125	0.0137326	NA
BMI	BE	rs10858334	G	G	0.0143	0.0389007	NA

BMI	BE	rs10867256	T	T	-0.0118	-0.00961751	NA
BMI	BE	rs10914462	G	G	-0.0112	0.0085533	NA
BMI	BE	rs10915840	A	A	-0.0118	-0.044019	NA
BMI	BE	rs10920678	G	G	-0.0155	-0.0069414	NA
BMI	BE	rs10938397	G	G	0.0324	0.0220343	NA
BMI	BE	rs10942267	G	G	-0.0156	-0.0088736	NA
BMI	BE	rs10953740	G	G	-0.0153	0.00111565	NA
BMI	BE	rs10962550	C	C	0.0182	0.0201321	NA
BMI	BE	rs10968114	C	C	-0.0113	0.00851885	NA
BMI	BE	rs10971709	T	T	0.0132	-0.012202	NA
BMI	BE	rs10984756	G	G	0.0174	-0.0116863	NA
BMI	BE	rs11030618	T	T	0.011	0.00126577	NA
BMI	BE	rs11084553	G	G	-0.021	0.0234267	NA
BMI	BE	rs11105839	A	A	-0.0109	-0.0210351	NA
BMI	BE	rs11115176	C	C	-0.0121	-0.0311563	NA
BMI	BE	rs11118308	G	G	-0.0101	0.00351124	NA
BMI	BE	rs1112613	A	A	-0.0133	-0.000801141	NA
BMI	BE	rs11150911	C	C	-0.0133	-0.0023168	NA
BMI	BE	rs11165643	T	T	0.0206	0.0411097	NA
BMI	BE	rs11170468	C	C	-0.0123	-0.023439	NA
BMI	BE	rs11173522	A	A	0.0128	0.0171811	NA
BMI	BE	rs11185111	A	A	-0.0129	-0.0240974	NA
BMI	BE	rs11251352	G	G	0.0109	0.013458	NA
BMI	BE	rs11496125	T	T	0.0169	0.00180638	NA
BMI	BE	rs11505821	T	T	0.0311	-0.0209707	NA
BMI	BE	rs11538	G	G	0.0135	0.0311125	NA
BMI	BE	rs11609659	C	C	-0.0154	-0.0162446	NA
BMI	BE	rs11611246	T	T	0.024	0.0123478	NA
BMI	BE	rs11615578	T	T	0.013	0.0329921	NA

BMI	BE	rs11656076	A	A	-0.0142	-0.0162423	NA
BMI	BE	rs11672660	T	T	-0.034	-0.0657563	NA
BMI	BE	rs11736228	T	T	-0.0139	-0.0173832	NA
BMI	BE	rs11738695	A	A	0.0097	0.0165142	NA
BMI	BE	rs11739877	T	T	0.0117	-0.0142421	NA
BMI	BE	rs11781699	C	C	0.0132	-0.00998227	NA
BMI	BE	rs1187352	C	C	0.0119	-0.0141089	NA
BMI	BE	rs11880870	G	G	-0.0189	-0.072067	NA
BMI	BE	rs11908637	A	A	-0.012	-0.0192443	NA
BMI	BE	rs11945861	A	A	-0.0148	0.00681397	NA
BMI	BE	rs11951673	T	T	-0.0123	0.00948255	NA
BMI	BE	rs12033257	G	G	-0.0146	-0.0198969	NA
BMI	BE	rs12041258	C	C	-0.0146	-0.0164531	NA
BMI	BE	rs12044597	G	G	0.0143	-0.00410595	NA
BMI	BE	rs12049202	T	T	0.024	0.0415002	NA
BMI	BE	rs12098284	T	T	0.0178	-0.00820253	NA
BMI	BE	rs1218822	A	A	0.0168	0.0127329	NA
BMI	BE	rs12299814	A	A	-0.0157	-0.0362854	NA
BMI	BE	rs12328930	C	C	0.0098	-0.0200644	NA
BMI	BE	rs12334877	A	A	-0.0144	-0.0129692	NA
BMI	BE	rs12364470	G	G	0.0178	0.0510569	NA
BMI	BE	rs12369179	T	T	-0.0359	-0.00490289	NA
BMI	BE	rs12416812	A	A	0.0111	0.019955	NA
BMI	BE	rs1241986	A	A	-0.0139	0.0314728	NA
BMI	BE	rs12422552	C	C	-0.0134	-0.0340305	NA
BMI	BE	rs12429545	A	A	0.0316	0.0601805	NA
BMI	BE	rs12448257	A	A	0.0184	-0.0246635	NA
BMI	BE	rs12546578	A	A	0.0146	0.00122754	NA
BMI	BE	rs12564992	G	G	0.0196	0.0380514	NA

BMI	BE	rs12593036	G	G	-0.0154	-0.0425289	NA
BMI	BE	rs12602912	T	T	0.0176	0.0421782	NA
BMI	BE	rs12629015	G	G	-0.0135	-0.0169788	NA
BMI	BE	rs1266874	G	G	0.014	0.0181083	NA
BMI	BE	rs12675063	T	T	0.0156	-0.0130691	NA
BMI	BE	rs1268065	A	A	-0.0102	-0.0165872	NA
BMI	BE	rs12718572	T	T	-0.0117	-0.00464881	NA
BMI	BE	rs12762034	C	C	0.024	0.0405761	NA
BMI	BE	rs12779328	T	T	0.0105	0.0132446	NA
BMI	BE	rs1285997	G	G	0.0142	-0.0134044	NA
BMI	BE	rs12888545	G	G	0.0136	0.0261469	NA
BMI	BE	rs12888955	A	A	-0.0178	-0.0239736	NA
BMI	BE	rs12914489	A	A	0.0165	0.0702508	NA
BMI	BE	rs12922346	C	C	0.0136	-0.015958	NA
BMI	BE	rs12933482	G	G	0.0186	-0.0379829	NA
BMI	BE	rs12936083	G	G	0.0139	0.0356682	NA
BMI	BE	rs12939549	G	G	-0.018	-0.0260515	NA
BMI	BE	rs1296328	C	C	-0.0179	-0.0124588	NA
BMI	BE	rs12981256	A	A	0.0142	0.00390601	NA
BMI	BE	rs13047416	G	G	-0.0154	-0.0325022	NA
BMI	BE	rs13069244	A	A	0.0187	-0.00481268	NA
BMI	BE	rs13110266	A	A	-0.0117	-0.00541393	NA
BMI	BE	rs13147390	C	C	0.0103	0.0417103	NA
BMI	BE	rs13174863	G	G	0.0192	0.035366	NA
BMI	BE	rs13184896	T	T	-0.0133	0.0325495	NA
BMI	BE	rs13191362	G	G	-0.0236	-0.0392969	NA
BMI	BE	rs1320903	A	A	0.0216	0.0211514	NA
BMI	BE	rs1321432	C	C	0.0201	0.000687783	NA
BMI	BE	rs13250058	T	T	0.0112	0.0364234	NA

BMI	BE	rs13263601	C	C	0.0154	0.0131353	NA
BMI	BE	rs1327259	G	G	-0.0155	0.00553889	NA
BMI	BE	rs13287131	C	C	0.0123	-0.0125492	NA
BMI	BE	rs1330052	G	G	0.0132	0.0424059	NA
BMI	BE	rs13329567	T	T	-0.0293	-0.0343791	NA
BMI	BE	rs1365466	T	T	-0.0137	0.0145997	NA
BMI	BE	rs1371108	A	A	0.0119	0.0163734	NA
BMI	BE	rs1409818	T	T	0.0201	-0.00497305	NA
BMI	BE	rs1412235	C	C	0.0246	0.017093	NA
BMI	BE	rs1430387	C	C	-0.0114	-0.0314999	NA
BMI	BE	rs1431659	G	G	-0.0196	-0.0342316	NA
BMI	BE	rs1436344	C	C	0.0141	0.0316601	NA
BMI	BE	rs1445652	A	A	0.0123	-0.022171	NA
BMI	BE	rs1472169	T	T	-0.0139	0.0163836	NA
BMI	BE	rs1476322	A	A	0.0101	0.00553359	NA
BMI	BE	rs1477199	G	G	0.0228	0.0210824	NA
BMI	BE	rs1522569	G	G	-0.0164	-0.0038884	NA
BMI	BE	rs1528435	T	T	0.0164	-0.0086694	NA
BMI	BE	rs1535660	C	C	-0.0147	-0.0125032	NA
BMI	BE	rs1538247	C	C	0.0108	0.0168853	NA
BMI	BE	rs1552893	G	G	-0.0126	-0.0162967	NA
BMI	BE	rs156201	C	C	0.0123	-0.00547876	NA
BMI	BE	rs1624134	C	C	0.0101	-0.00567955	NA
BMI	BE	rs1656377	C	C	0.0099	-0.00841181	NA
BMI	BE	rs1681740	C	C	-0.0115	0.0108704	NA
BMI	BE	rs16849710	G	G	-0.0116	-0.0221939	NA
BMI	BE	rs16851483	T	T	0.0369	0.0447271	NA
BMI	BE	rs16871902	A	A	0.0125	0.0150991	NA
BMI	BE	rs16953563	A	A	-0.0134	0.000344241	NA

BMI	BE	rs17001561	A	A	0.0151	0.0132045	NA
BMI	BE	rs17014375	G	G	0.0172	-0.0340527	NA
BMI	BE	rs17033117	T	T	0.0137	0.0179947	NA
BMI	BE	rs17056301	C	C	0.0118	0.0267594	NA
BMI	BE	rs17113297	T	T	0.0166	0.00962112	NA
BMI	BE	rs17119937	C	C	0.0212	-0.00137981	NA
BMI	BE	rs17203016	G	G	0.015	-0.00330773	NA
BMI	BE	rs17238110	G	G	-0.0353	-0.0550708	NA
BMI	BE	rs17311369	T	T	-0.0104	-0.0180625	NA
BMI	BE	rs17399237	C	C	-0.0129	-0.0319308	NA
BMI	BE	rs17405819	C	C	-0.0215	0.00661214	NA
BMI	BE	rs17425707	C	C	0.0167	0.0305372	NA
BMI	BE	rs17446257	A	A	0.0153	-0.00167118	NA
BMI	BE	rs17499593	G	G	0.0125	0.0343481	NA
BMI	BE	rs17513613	C	C	0.0186	0.0118066	NA
BMI	BE	rs175165	G	G	-0.0103	-0.00855236	NA
BMI	BE	rs17535749	A	A	0.015	0.0111923	NA
BMI	BE	rs17551974	A	A	-0.0141	-0.0306231	NA
BMI	BE	rs17636031	C	C	0.016	0.0169355	NA
BMI	BE	rs17663412	A	A	0.0157	-0.00937793	NA
BMI	BE	rs17710386	C	C	0.0126	-0.00754601	NA
BMI	BE	rs17724992	G	G	-0.0183	-0.0851696	NA
BMI	BE	rs17789218	C	C	0.013	0.0303349	NA
BMI	BE	rs17806379	T	T	-0.0258	-0.00480208	NA
BMI	BE	rs1784460	A	A	0.0132	0.0116004	NA
BMI	BE	rs1804528	A	A	0.0109	-0.00929392	NA
BMI	BE	rs1830074	C	C	0.0115	0.0399627	NA
BMI	BE	rs1836303	G	G	0.0116	0.00948912	NA
BMI	BE	rs1843328	A	A	-0.0099	-0.00776611	NA

BMI	BE	rs1863652	A	A	-0.0115	-0.0340301	NA
BMI	BE	rs1884389	T	T	-0.0103	-0.0151465	NA
BMI	BE	rs1885728	A	A	0.0108	0.0102563	NA
BMI	BE	rs1891216	G	G	0.0107	-0.020854	NA
BMI	BE	rs1896767	A	A	-0.0109	-0.0192097	NA
BMI	BE	rs1927790	C	C	0.0148	-0.00158387	NA
BMI	BE	rs1928295	C	C	-0.0141	-0.0400346	NA
BMI	BE	rs1937683	T	T	0.0109	0.0208333	NA
BMI	BE	rs1948080	G	G	-0.0137	-0.0121797	NA
BMI	BE	rs1982441	T	T	0.0175	-0.000575509	NA
BMI	BE	rs1982725	T	T	0.0097	-0.00346496	NA
BMI	BE	rs2007231	T	T	-0.0104	-0.00391652	NA
BMI	BE	rs200810	C	C	-0.0136	-0.0301562	NA
BMI	BE	rs2009416	T	T	-0.0121	-0.0119198	NA
BMI	BE	rs2033529	G	G	0.0205	0.0273783	rs751414
BMI	BE	rs2065418	G	G	-0.0166	-0.0271652	NA
BMI	BE	rs208015	C	C	-0.0356	-0.0523639	NA
BMI	BE	rs2124499	C	C	-0.0123	-0.0102221	NA
BMI	BE	rs2143253	A	A	-0.0188	-0.0291274	NA
BMI	BE	rs2162524	C	C	0.0155	0.0485387	NA
BMI	BE	rs2174307	C	C	0.0121	0.0252999	NA
BMI	BE	rs217671	G	G	0.0144	0.0377551	NA
BMI	BE	rs2228213	A	A	-0.0139	-0.00807827	NA
BMI	BE	rs2235564	T	T	0.0131	-0.00341055	NA
BMI	BE	rs2246012	C	C	0.0158	0.00280211	NA
BMI	BE	rs226000	T	T	0.0119	0.0124287	NA
BMI	BE	rs2283093	T	T	0.0127	-0.0110455	NA
BMI	BE	rs2285178	C	C	0.0112	-0.0147781	NA
BMI	BE	rs2306537	G	G	0.0133	0.0170641	NA

BMI	BE	rs2307111	C	C	-0.0265	-0.0307399	NA
BMI	BE	rs2317299	C	C	-0.0106	0.00972346	NA
BMI	BE	rs2357760	A	A	0.0145	-0.0198497	NA
BMI	BE	rs2361988	C	C	-0.0155	-0.0369764	NA
BMI	BE	rs2365389	T	T	-0.0174	-0.017826	NA
BMI	BE	rs2367112	G	G	-0.0119	-0.0197552	NA
BMI	BE	rs2411182	A	A	0.0123	-0.0134585	rs2411181
BMI	BE	rs2423668	C	C	-0.0105	0.00730168	NA
BMI	BE	rs2425840	C	C	0.0119	0.0378536	NA
BMI	BE	rs2429150	C	C	0.0111	0.00858463	NA
BMI	BE	rs2479958	G	G	-0.0154	-0.0203372	NA
BMI	BE	rs2481665	C	C	-0.0161	-0.0146621	NA
BMI	BE	rs2543132	C	C	0.0146	0.0113104	NA
BMI	BE	rs2600226	T	T	-0.0116	-0.00598903	NA
BMI	BE	rs2605603	A	A	-0.0103	0.0127658	NA
BMI	BE	rs2608703	A	A	0.0142	0.000341066	NA
BMI	BE	rs262130	T	T	0.0127	0.0663705	NA
BMI	BE	rs2693826	A	A	-0.0137	0.0201744	NA
BMI	BE	rs2694047	G	G	0.0188	0.0351564	NA
BMI	BE	rs2744974	T	T	0.0249	0.0705813	NA
BMI	BE	rs2791653	G	G	-0.0141	0.00228017	NA
BMI	BE	rs2832283	A	A	0.0115	-0.0153249	NA
BMI	BE	rs2836964	C	C	-0.011	-0.00601949	NA
BMI	BE	rs2861683	C	C	-0.0144	-0.0374459	NA
BMI	BE	rs2868975	A	A	-0.0143	0.00972319	NA
BMI	BE	rs287104	A	A	0.0115	0.0126432	NA
BMI	BE	rs2875762	C	C	0.0139	0.00355527	NA
BMI	BE	rs2907948	A	A	-0.0141	-0.0212555	NA
BMI	BE	rs2931434	T	T	-0.0104	0.0172343	NA

BMI	BE	rs2943465	C	C	0.0248	0.0334619	NA
BMI	BE	rs294704	T	T	-0.0113	-0.0140246	NA
BMI	BE	rs3007105	T	T	0.0142	0.0179242	NA
BMI	BE	rs326896	T	T	-0.0128	-0.0192074	NA
BMI	BE	rs331966	C	C	0.0112	0.0317126	NA
BMI	BE	rs33500	T	T	-0.0167	-0.00208333	NA
BMI	BE	rs339991	G	G	0.0124	0.0174422	NA
BMI	BE	rs355777	C	C	0.0153	0.0204246	NA
BMI	BE	rs3731695	C	C	0.0116	0.0139601	NA
BMI	BE	rs3732084	C	C	0.0107	-0.00516609	NA
BMI	BE	rs3736485	G	G	-0.0134	-0.0233756	NA
BMI	BE	rs3749897	T	T	0.0122	-0.0115619	NA
BMI	BE	rs3764835	A	A	-0.0141	-0.00410745	NA
BMI	BE	rs3772882	A	A	0.0127	0.0218521	NA
BMI	BE	rs3800637	C	C	0.0115	0.000365499	NA
BMI	BE	rs3806114	A	A	-0.0113	-0.0361363	NA
BMI	BE	rs3806572	A	A	-0.0145	-0.0182	NA
BMI	BE	rs3807645	A	A	-0.0166	0.000450768	NA
BMI	BE	rs38314	A	A	-0.012	-0.0175429	NA
BMI	BE	rs3844598	G	G	0.0095	-0.0216793	NA
BMI	BE	rs3902951	G	G	0.0134	0.0134246	NA
BMI	BE	rs3904244	A	A	0.0155	0.0277368	NA
BMI	BE	rs391300	C	C	-0.0119	0.0250258	NA
BMI	BE	rs3935648	G	G	-0.0125	-0.0330224	NA
BMI	BE	rs3977755	T	T	-0.0135	-0.00567925	NA
BMI	BE	rs40067	A	A	-0.0266	-0.0888078	NA
BMI	BE	rs4012234	G	G	0.0141	0.0208559	NA
BMI	BE	rs4072917	A	A	0.0115	0.00185572	NA
BMI	BE	rs4148155	G	G	-0.0188	-0.0291139	NA

BMI	BE	rs4148866	T	T	0.0098	0.00361747	NA
BMI	BE	rs4237643	G	G	-0.0223	-0.055507	NA
BMI	BE	rs427943	C	C	0.017	0.0282728	NA
BMI	BE	rs429343	G	G	-0.015	-0.00401867	NA
BMI	BE	rs4307239	G	G	0.0115	-0.019279	NA
BMI	BE	rs4310573	T	T	0.0116	0.0185952	NA
BMI	BE	rs4358081	C	C	0.0097	0.00124685	NA
BMI	BE	rs4414033	A	A	0.0129	0.0182521	NA
BMI	BE	rs4430672	C	C	-0.0127	-0.0320787	NA
BMI	BE	rs4482463	A	A	-0.0331	0.0134585	NA
BMI	BE	rs4495304	C	C	-0.0194	-0.0179262	NA
BMI	BE	rs4518345	A	A	-0.0117	-0.00846936	NA
BMI	BE	rs4556997	A	A	0.0197	0.0114386	NA
BMI	BE	rs4589691	G	G	0.0141	0.0319932	NA
BMI	BE	rs4639527	G	G	0.0172	0.00225284	NA
BMI	BE	rs4660443	T	T	0.0164	0.0208267	NA
BMI	BE	rs4671328	G	G	-0.0219	-0.0113831	NA
BMI	BE	rs4722398	T	T	0.0158	0.0356003	NA
BMI	BE	rs4740619	C	C	-0.0186	0.00325482	NA
BMI	BE	rs4757144	A	A	0.0169	0.045306	NA
BMI	BE	rs4783830	A	A	-0.0105	-0.00696605	NA
BMI	BE	rs4786903	G	G	0.0125	0.00982686	NA
BMI	BE	rs4800191	C	C	0.0103	0.0439911	NA
BMI	BE	rs4813619	T	T	-0.0108	0.0106935	NA
BMI	BE	rs4820408	G	G	-0.0151	0.00463132	NA
BMI	BE	rs4842491	T	T	0.0098	0.00199902	NA
BMI	BE	rs4858193	C	C	-0.0129	-0.0588701	NA
BMI	BE	rs4864201	C	C	-0.0141	-0.0414171	NA
BMI	BE	rs4880341	T	T	-0.0118	-0.0168342	NA

BMI	BE	rs4906908	G	G	0.0103	-0.0247619	NA
BMI	BE	rs4929923	C	C	0.0181	0.011119	NA
BMI	BE	rs4936175	C	C	0.0122	0.0244956	NA
BMI	BE	rs4952843	G	G	-0.0131	0.0205473	NA
BMI	BE	rs4954638	C	C	-0.0118	-0.01611	NA
BMI	BE	rs4968656	G	G	0.0116	0.0182644	NA
BMI	BE	rs4986044	T	T	-0.0164	-0.0457812	NA
BMI	BE	rs538579	C	C	0.0137	0.0103437	NA
BMI	BE	rs543874	G	G	0.0475	-0.00106562	NA
BMI	BE	rs559231	T	T	0.0135	0.0144887	NA
BMI	BE	rs577525	C	C	0.0166	0.0342057	NA
BMI	BE	rs592483	T	T	-0.0147	-0.0198967	NA
BMI	BE	rs6050446	G	G	0.0343	0.0876195	NA
BMI	BE	rs6235	G	G	0.0175	0.0085158	NA
BMI	BE	rs6443750	C	C	0.0148	0.0211223	NA
BMI	BE	rs6448587	C	C	-0.0167	-0.0461156	NA
BMI	BE	rs645040	T	T	0.0171	0.0368012	NA
BMI	BE	rs6471941	A	A	0.0156	0.0142859	NA
BMI	BE	rs6500208	A	A	0.014	0.026188	NA
BMI	BE	rs6512302	C	C	0.0142	0.0153319	NA
BMI	BE	rs6556301	T	T	-0.0111	0.00473984	NA
BMI	BE	rs657452	G	G	-0.0188	-0.0402879	NA
BMI	BE	rs6587552	G	G	-0.0173	-0.0448931	NA
BMI	BE	rs6591407	A	A	-0.0118	-0.00623907	NA
BMI	BE	rs6593688	G	G	0.0137	-0.0157479	NA
BMI	BE	rs6673081	C	C	-0.01	-0.0359724	NA
BMI	BE	rs6692586	G	G	-0.0192	-0.00759539	NA
BMI	BE	rs6712	C	C	0.0138	0.00965663	NA
BMI	BE	rs6764533	A	A	0.0116	0.0239825	NA

BMI	BE	rs6772756	G	G	-0.0104	0.0163549	NA
BMI	BE	rs6785245	C	C	0.0132	0.0199316	NA
BMI	BE	rs6804842	G	G	0.0156	-0.0129825	NA
BMI	BE	rs6841761	T	T	-0.0131	-0.0207627	NA
BMI	BE	rs685870	C	C	0.012	0.0233986	NA
BMI	BE	rs6985109	A	A	-0.0177	-0.0684647	NA
BMI	BE	rs7025938	G	G	0.0166	0.0334146	NA
BMI	BE	rs7037266	A	A	-0.0112	-0.0163466	NA
BMI	BE	rs705217	G	G	-0.0102	-0.0216048	NA
BMI	BE	rs7084454	A	A	0.0193	0.0315721	NA
BMI	BE	rs7102454	C	C	0.0158	0.0275497	NA
BMI	BE	rs7117238	A	A	-0.0131	-0.0218873	NA
BMI	BE	rs7138803	A	A	0.03	0.0312187	NA
BMI	BE	rs7148846	G	G	0.0124	0.0342163	NA
BMI	BE	rs7172627	G	G	0.0117	0.0290952	NA
BMI	BE	rs7181498	C	C	-0.0163	-0.0203085	NA
BMI	BE	rs7196720	C	C	-0.0129	-0.00351119	NA
BMI	BE	rs7206608	G	G	0.0132	0.0480325	NA
BMI	BE	rs7222349	A	A	0.0115	0.0267981	NA
BMI	BE	rs7318817	T	T	-0.0155	-0.0148425	NA
BMI	BE	rs7358465	T	T	0.0103	0.0326428	NA
BMI	BE	rs7488867	T	T	-0.0204	0.0375204	NA
BMI	BE	rs7519259	A	A	0.0125	0.0276338	NA
BMI	BE	rs7535528	A	A	-0.0152	-0.0171847	NA
BMI	BE	rs754635	G	G	0.0198	0.00112598	NA
BMI	BE	rs7550711	T	T	0.0649	0.0288477	NA
BMI	BE	rs7557796	C	C	-0.016	-0.047491	NA
BMI	BE	rs756717	A	A	-0.0148	-0.0431322	NA
BMI	BE	rs7599312	A	A	-0.0186	0.00396759	NA

BMI	BE	rs7615297	G	G	-0.0149	-0.0144193	NA
BMI	BE	rs7626079	T	T	0.011	0.0081137	NA
BMI	BE	rs7637852	G	G	-0.0139	-0.0490081	NA
BMI	BE	rs765875	T	T	-0.0121	0.0156536	NA
BMI	BE	rs7683836	A	A	-0.0114	-0.0273231	NA
BMI	BE	rs7685048	T	T	-0.0101	-0.0118314	NA
BMI	BE	rs768840	A	A	0.0114	-0.0101642	NA
BMI	BE	rs769449	A	A	-0.0254	-0.0307899	NA
BMI	BE	rs7694732	G	G	-0.0099	-0.0146951	NA
BMI	BE	rs7703576	C	C	0.0103	0.0174197	NA
BMI	BE	rs7704281	A	A	0.0271	0.11147	NA
BMI	BE	rs7715256	T	T	-0.0166	-0.00276001	NA
BMI	BE	rs7724675	A	A	-0.0119	-0.0328039	NA
BMI	BE	rs7730004	T	T	0.0148	0.0473674	NA
BMI	BE	rs7730898	A	A	0.0168	0.0552505	NA
BMI	BE	rs774246	G	G	0.0153	0.0103189	NA
BMI	BE	rs7761673	A	A	-0.0126	-0.0239397	NA
BMI	BE	rs7780752	C	C	0.0139	-0.0029768	NA
BMI	BE	rs7788008	A	A	-0.0157	-0.00950542	NA
BMI	BE	rs7811342	C	C	-0.0197	0.000295197	NA
BMI	BE	rs7819514	A	A	-0.0107	0.0013387	NA
BMI	BE	rs7826312	C	C	0.0104	0.00563663	NA
BMI	BE	rs7844647	C	C	-0.0123	-0.0331051	NA
BMI	BE	rs7869771	C	C	-0.014	0.00257224	NA
BMI	BE	rs7871866	C	C	0.0187	0.0399138	NA
BMI	BE	rs7899106	G	G	0.0331	0.00270318	NA
BMI	BE	rs7903146	T	T	-0.0181	0.00287956	NA
BMI	BE	rs7925214	T	T	0.0147	0.00756651	NA
BMI	BE	rs7970953	A	A	0.0135	0.0225547	NA

BMI	BE	rs7983065	T	T	-0.0148	-0.0542541	NA
BMI	BE	rs7998796	G	G	0.0105	0.0181392	NA
BMI	BE	rs8027205	G	G	-0.0108	-0.0155061	NA
BMI	BE	rs8066600	G	G	-0.0095	-0.00305425	NA
BMI	BE	rs8071182	A	A	0.0133	0.0458492	NA
BMI	BE	rs8090983	G	G	0.0118	-0.0086876	NA
BMI	BE	rs8097783	A	A	-0.0389	-0.0280442	NA
BMI	BE	rs8123881	G	G	0.0196	-0.0170837	NA
BMI	BE	rs8181823	C	C	0.0127	0.00831041	NA
BMI	BE	rs818524	C	C	0.0106	0.0300512	NA
BMI	BE	rs8192675	C	C	0.0152	0.0179887	NA
BMI	BE	rs825688	T	T	-0.0095	-0.0361014	NA
BMI	BE	rs845084	A	A	0.014	-0.00713332	NA
BMI	BE	rs852056	C	C	-0.0128	-0.0255802	NA
BMI	BE	rs865809	G	G	-0.0127	-0.0137699	NA
BMI	BE	rs872281	T	T	-0.0151	-0.0117287	NA
BMI	BE	rs876605	G	G	-0.0108	-0.015552	NA
BMI	BE	rs879620	T	T	0.0231	-0.0167657	NA
BMI	BE	rs895330	G	G	-0.0201	-0.0108764	NA
BMI	BE	rs902695	A	A	-0.0103	0.0084849	NA
BMI	BE	rs9294260	A	A	0.0147	-0.00305582	NA
BMI	BE	rs9300422	G	G	-0.0103	-0.0270129	NA
BMI	BE	rs930295	C	C	-0.0211	-0.0112268	NA
BMI	BE	rs9304665	A	A	0.0229	0.022447	NA
BMI	BE	rs934224	T	T	0.0107	0.0329943	NA
BMI	BE	rs9362662	G	G	-0.0112	-0.0136699	NA
BMI	BE	rs9367368	C	C	-0.0121	-0.0222378	NA
BMI	BE	rs9370261	T	T	0.0231	-0.0182887	rs9357788
BMI	BE	rs9375702	T	T	-0.0115	-0.0148333	NA

BMI	BE	rs9408882	A	A	-0.0093	-0.028669	NA
BMI	BE	rs946824	C	C	-0.0206	-0.0139009	NA
BMI	BE	rs947612	A	A	-0.0116	-0.0250608	NA
BMI	BE	rs9538162	C	C	-0.0156	0.000697397	NA
BMI	BE	rs9547153	G	G	0.0098	-0.00508342	NA
BMI	BE	rs9571687	A	A	-0.0129	-0.0344554	NA
BMI	BE	rs9615905	T	T	0.011	0.0411291	NA
BMI	BE	rs962273	C	C	0.0137	0.0345052	NA
BMI	BE	rs9650755	G	G	0.0154	-0.000387388	NA
BMI	BE	rs9688431	C	C	-0.0231	-0.0630704	NA
BMI	BE	rs977747	G	G	-0.0169	-0.0320623	NA
BMI	BE	rs9783858	T	T	0.0091	-0.00826616	NA
BMI	BE	rs9806742	A	A	0.0208	0.0075611	NA
BMI	BE	rs9816226	T	T	0.0323	0.0305845	NA
BMI	BE	rs9845966	G	G	-0.0105	0.00385893	NA
BMI	BE	rs987237	G	G	0.0409	0.0361953	NA
BMI	BE	rs9926784	C	C	-0.0258	-0.0396211	NA
BMI	BE	rs9927848	A	A	-0.0122	-0.0249196	NA
BMI	BE	rs9951619	G	G	0.0156	0.00362532	NA
BMI	BE	rs998732	G	G	-0.0171	-0.0591847	NA
BMI	BE	rs9989141	T	T	0.0162	0.00861127	NA
BMI	BE	rs999889	A	A	-0.0108	-0.0126465	NA
BMI	EA	rs10009336	T	T	-0.014	0.0626	NA
BMI	EA	rs1006896	C	C	-0.0234	-0.0099	NA
BMI	EA	rs10132280	A	A	-0.0223	0.0575	NA
BMI	EA	rs10182181	G	G	0.0325	-0.0293	NA
BMI	EA	rs10192119	G	G	0.0166	-0.028	NA
BMI	EA	rs10197031	C	C	0.0166	0.0147	NA
BMI	EA	rs10243319	C	C	-0.0107	2.00E-04	NA

BMI	EA	rs10247983	A	A	0.0201	-0.0715	NA
BMI	EA	rs10248136	T	T	-0.0097	6.00E-04	NA
BMI	EA	rs10269783	A	A	0.0133	-0.0388	NA
BMI	EA	rs10408324	T	T	-0.0124	0.0545	NA
BMI	EA	rs10478110	C	C	0.01	-0.0432	NA
BMI	EA	rs1048932	A	A	-0.016	0.0151	NA
BMI	EA	rs10492229	T	T	0.0142	0.0379	NA
BMI	EA	rs10510419	T	T	-0.0177	0.0788	NA
BMI	EA	rs10518694	A	A	0.0146	0.0118	NA
BMI	EA	rs1064213	A	A	0.012	0.0083	NA
BMI	EA	rs10733051	G	G	-0.0097	-0.0258	NA
BMI	EA	rs10742752	C	C	0.0124	-0.0072	NA
BMI	EA	rs10750215	T	T	0.0108	-9.00E-04	NA
BMI	EA	rs1075901	C	C	0.0121	0.0131	NA
BMI	EA	rs10768994	C	C	-0.0114	0.0139	NA
BMI	EA	rs10795422	G	G	0.0139	0.0393	NA
BMI	EA	rs10811871	G	G	-0.0108	-0.0348	NA
BMI	EA	rs10867256	T	T	-0.0118	-0.0166	NA
BMI	EA	rs10914462	G	G	-0.0112	0.0092	NA
BMI	EA	rs10915840	A	A	-0.0118	-0.0799	NA
BMI	EA	rs10920678	G	G	-0.0155	-0.0403	NA
BMI	EA	rs10938397	G	G	0.0324	-0.004	NA
BMI	EA	rs10942267	G	G	-0.0156	0.0105	NA
BMI	EA	rs10953740	G	G	-0.0153	0.0141	NA
BMI	EA	rs10968114	C	C	-0.0113	-0.0235	NA
BMI	EA	rs10971709	T	T	0.0132	-0.0245	NA
BMI	EA	rs11030618	T	T	0.011	0.0137	NA
BMI	EA	rs11084553	G	G	-0.021	0.0199	NA
BMI	EA	rs11115176	C	C	-0.0121	-0.0103	NA

BMI	EA	rs11118308	G	G	-0.0101	0.0096	NA
BMI	EA	rs1112613	A	A	-0.0133	0.0154	NA
BMI	EA	rs11150911	C	C	-0.0133	-0.0014	NA
BMI	EA	rs11165643	T	T	0.0206	0.0323	NA
BMI	EA	rs11170468	C	C	-0.0123	-0.003	NA
BMI	EA	rs11173522	A	A	0.0128	-0.0284	NA
BMI	EA	rs11185111	A	A	-0.0129	-0.0193	NA
BMI	EA	rs11251352	G	G	0.0109	-0.002	NA
BMI	EA	rs11496125	T	T	0.0169	-0.0023	NA
BMI	EA	rs11538	G	G	0.0135	0.0208	NA
BMI	EA	rs11609659	C	C	-0.0154	-0.0063	NA
BMI	EA	rs11611246	T	T	0.024	0.003	NA
BMI	EA	rs11615578	T	T	0.013	-0.0064	NA
BMI	EA	rs11656076	A	A	-0.0142	-0.0125	NA
BMI	EA	rs11672660	T	T	-0.034	-0.0759	NA
BMI	EA	rs11738695	A	A	0.0097	-0.0343	NA
BMI	EA	rs11739877	T	T	0.0117	-0.0435	NA
BMI	EA	rs11781699	C	C	0.0132	0.0058	NA
BMI	EA	rs1187352	C	C	0.0119	-0.0285	NA
BMI	EA	rs11880870	G	G	-0.0189	-0.083	NA
BMI	EA	rs11908637	A	A	-0.012	0.0099	NA
BMI	EA	rs11945861	A	A	-0.0148	-0.0396	NA
BMI	EA	rs11951673	T	T	-0.0123	0.0115	NA
BMI	EA	rs12033257	G	G	-0.0146	0.0187	NA
BMI	EA	rs12041258	C	C	-0.0146	0.0536	NA
BMI	EA	rs12044597	G	G	0.0143	0.0259	NA
BMI	EA	rs12049202	T	T	0.024	0.052	NA
BMI	EA	rs12098284	T	T	0.0178	0.0277	NA
BMI	EA	rs1218822	A	A	0.0168	-0.0106	NA

BMI	EA	rs12299814	A	A	-0.0157	-0.0159	NA
BMI	EA	rs12328930	C	C	0.0098	-0.0309	NA
BMI	EA	rs12334877	A	A	-0.0144	-0.0288	NA
BMI	EA	rs12364470	G	G	0.0178	-0.0149	NA
BMI	EA	rs12369179	T	T	-0.0359	0.0171	NA
BMI	EA	rs12416812	A	A	0.0111	0.0224	NA
BMI	EA	rs1241986	A	A	-0.0139	0.0044	NA
BMI	EA	rs12429545	A	A	0.0316	0.1697	NA
BMI	EA	rs12448257	A	A	0.0184	-0.0425	NA
BMI	EA	rs12564992	G	G	0.0196	0.0038	NA
BMI	EA	rs12593036	G	G	-0.0154	-0.0402	NA
BMI	EA	rs12602912	T	T	0.0176	0.1098	NA
BMI	EA	rs12629015	G	G	-0.0135	-0.014	NA
BMI	EA	rs1266874	G	G	0.014	0.0234	NA
BMI	EA	rs1268065	A	A	-0.0102	-0.003	NA
BMI	EA	rs12718572	T	T	-0.0117	0.0053	NA
BMI	EA	rs12762034	C	C	0.024	0.0604	NA
BMI	EA	rs12779328	T	T	0.0105	0.0101	NA
BMI	EA	rs12888545	G	G	0.0136	0.0358	NA
BMI	EA	rs12888955	A	A	-0.0178	-0.0014	NA
BMI	EA	rs12914489	A	A	0.0165	0.0068	NA
BMI	EA	rs12933482	G	G	0.0186	0.0098	NA
BMI	EA	rs12936083	G	G	0.0139	0.0162	NA
BMI	EA	rs12939549	G	G	-0.018	-0.0241	NA
BMI	EA	rs1296328	C	C	-0.0179	-0.0206	NA
BMI	EA	rs12981256	A	A	0.0142	0.0025	NA
BMI	EA	rs13069244	A	A	0.0187	0.0559	NA
BMI	EA	rs13110266	A	A	-0.0117	0.0294	NA
BMI	EA	rs13147390	C	C	0.0103	0.0444	NA

BMI	EA	rs13174863	G	G	0.0192	0.0371	NA
BMI	EA	rs13184896	T	T	-0.0133	-0.0497	NA
BMI	EA	rs13191362	G	G	-0.0236	-0.0384	NA
BMI	EA	rs1320903	A	A	0.0216	-0.0275	NA
BMI	EA	rs1321432	C	C	0.0201	-0.0103	NA
BMI	EA	rs13250058	T	T	0.0112	0.0346	NA
BMI	EA	rs13263601	C	C	0.0154	0.0519	NA
BMI	EA	rs1327259	G	G	-0.0155	0.0271	NA
BMI	EA	rs13287131	C	C	0.0123	0.0083	NA
BMI	EA	rs13329567	T	T	-0.0293	-0.0232	NA
BMI	EA	rs1365466	T	T	-0.0137	0.0197	NA
BMI	EA	rs1371108	A	A	0.0119	0.017	NA
BMI	EA	rs1409818	T	T	0.0201	-0.084	NA
BMI	EA	rs1430387	C	C	-0.0114	0.0152	NA
BMI	EA	rs1431659	G	G	-0.0196	0.0121	NA
BMI	EA	rs1445652	A	A	0.0123	-0.028	NA
BMI	EA	rs1472169	T	T	-0.0139	0.0098	NA
BMI	EA	rs1476322	A	A	0.0101	0.0365	NA
BMI	EA	rs1477199	G	G	0.0228	-0.046	NA
BMI	EA	rs1492767	T	T	0.0094	-0.0323	NA
BMI	EA	rs1522569	G	G	-0.0164	0.0488	NA
BMI	EA	rs1528435	T	T	0.0164	0.0043	NA
BMI	EA	rs1535660	C	C	-0.0147	-0.0038	NA
BMI	EA	rs1538247	C	C	0.0108	-0.0067	NA
BMI	EA	rs1552893	G	G	-0.0126	-0.0298	NA
BMI	EA	rs1656377	C	C	0.0099	-0.0221	NA
BMI	EA	rs1681740	C	C	-0.0115	-0.0517	NA
BMI	EA	rs16849710	G	G	-0.0116	0.0338	NA
BMI	EA	rs16851483	T	T	0.0369	-0.032	NA

BMI	EA	rs16871902	A	A	0.0125	0.0259	NA
BMI	EA	rs16953563	A	A	-0.0134	-0.0109	NA
BMI	EA	rs17001561	A	A	0.0151	0.0043	NA
BMI	EA	rs17014375	G	G	0.0172	-0.0565	NA
BMI	EA	rs17033117	T	T	0.0137	-0.051	NA
BMI	EA	rs17056301	C	C	0.0118	0.0491	NA
BMI	EA	rs17113297	T	T	0.0166	-0.0594	NA
BMI	EA	rs17119937	C	C	0.0212	-0.0449	NA
BMI	EA	rs17203016	G	G	0.015	0.046	NA
BMI	EA	rs17238110	G	G	-0.0353	0.048	NA
BMI	EA	rs17311369	T	T	-0.0104	-0.0128	NA
BMI	EA	rs17399237	C	C	-0.0129	0.0117	NA
BMI	EA	rs17405819	C	C	-0.0215	0.0451	NA
BMI	EA	rs17425707	C	C	0.0167	-0.0908	NA
BMI	EA	rs17446257	A	A	0.0153	-2.00E-04	NA
BMI	EA	rs17513613	C	C	0.0186	-0.0278	NA
BMI	EA	rs175165	G	G	-0.0103	0.0347	NA
BMI	EA	rs17535749	A	A	0.015	-0.0531	NA
BMI	EA	rs17551974	A	A	-0.0141	0.0213	NA
BMI	EA	rs17636031	C	C	0.016	-0.0673	NA
BMI	EA	rs17663412	A	A	0.0157	-0.0043	NA
BMI	EA	rs17710386	C	C	0.0126	0.044	NA
BMI	EA	rs17724992	G	G	-0.0183	0.0097	NA
BMI	EA	rs17789218	C	C	0.013	0.0158	NA
BMI	EA	rs17806379	T	T	-0.0258	-0.0159	NA
BMI	EA	rs1804528	A	A	0.0109	-0.005	NA
BMI	EA	rs1830074	C	C	0.0115	0.069	NA
BMI	EA	rs1836303	G	G	0.0116	0.0043	NA
BMI	EA	rs1843328	A	A	-0.0099	0.0123	NA

BMI	EA	rs1863652	A	A	-0.0115	-0.0037	NA
BMI	EA	rs1884389	T	T	-0.0103	-0.0188	NA
BMI	EA	rs1885728	A	A	0.0108	-0.0249	NA
BMI	EA	rs1891216	G	G	0.0107	0.01	NA
BMI	EA	rs1896767	A	A	-0.0109	0.0277	NA
BMI	EA	rs1927790	C	C	0.0148	-0.0219	NA
BMI	EA	rs1928295	C	C	-0.0141	0.0024	NA
BMI	EA	rs1937683	T	T	0.0109	0.0437	NA
BMI	EA	rs1948080	G	G	-0.0137	0.0124	NA
BMI	EA	rs1982441	T	T	0.0175	-0.0163	NA
BMI	EA	rs1982725	T	T	0.0097	-0.027	NA
BMI	EA	rs2007231	T	T	-0.0104	-0.03	NA
BMI	EA	rs200810	C	C	-0.0136	-0.0058	NA
BMI	EA	rs2009416	T	T	-0.0121	0.0157	NA
BMI	EA	rs2033529	G	G	0.0205	0.0142	NA
BMI	EA	rs2065418	G	G	-0.0166	-0.0143	NA
BMI	EA	rs208015	C	C	-0.0356	-0.0165	NA
BMI	EA	rs2143253	A	A	-0.0188	-0.0573	NA
BMI	EA	rs2162524	C	C	0.0155	-0.0052	NA
BMI	EA	rs217671	G	G	0.0144	0.0247	NA
BMI	EA	rs2228213	A	A	-0.0139	-0.0127	NA
BMI	EA	rs2235564	T	T	0.0131	-1.00E-04	NA
BMI	EA	rs2246012	C	C	0.0158	0.0248	NA
BMI	EA	rs226000	T	T	0.0119	0.0518	NA
BMI	EA	rs2283093	T	T	0.0127	-0.0212	NA
BMI	EA	rs2285178	C	C	0.0112	-0.0165	NA
BMI	EA	rs2306537	G	G	0.0133	0.0252	NA
BMI	EA	rs2307111	C	C	-0.0265	-0.0508	NA
BMI	EA	rs2317299	C	C	-0.0106	0.0585	NA

BMI	EA	rs2357760	A	A	0.0145	-0.0123	NA
BMI	EA	rs2361988	C	C	-0.0155	0.0038	NA
BMI	EA	rs2365389	T	T	-0.0174	0.01	NA
BMI	EA	rs2367112	G	G	-0.0119	-0.0178	NA
BMI	EA	rs2411182	A	A	0.0123	0.0106	rs2411181
BMI	EA	rs2423668	C	C	-0.0105	9.00E-04	NA
BMI	EA	rs2425840	C	C	0.0119	0.004	NA
BMI	EA	rs2429150	C	C	0.0111	0.0045	NA
BMI	EA	rs2479958	G	G	-0.0154	0.0677	NA
BMI	EA	rs2481665	C	C	-0.0161	-0.0283	NA
BMI	EA	rs2600226	T	T	-0.0116	-2.00E-04	NA
BMI	EA	rs2605603	A	A	-0.0103	-0.004	NA
BMI	EA	rs2608703	A	A	0.0142	-0.0324	NA
BMI	EA	rs262130	T	T	0.0127	0.0245	NA
BMI	EA	rs2693826	A	A	-0.0137	0.0273	NA
BMI	EA	rs2694047	G	G	0.0188	0.026	NA
BMI	EA	rs2744974	T	T	0.0249	-0.0019	NA
BMI	EA	rs2791653	G	G	-0.0141	-0.0374	NA
BMI	EA	rs2832283	A	A	0.0115	0.0519	NA
BMI	EA	rs2836964	C	C	-0.011	0.0106	NA
BMI	EA	rs2861683	C	C	-0.0144	-0.0506	NA
BMI	EA	rs2868975	A	A	-0.0143	-0.043	NA
BMI	EA	rs287104	A	A	0.0115	-0.0332	NA
BMI	EA	rs2907948	A	A	-0.0141	0.0463	NA
BMI	EA	rs2931434	T	T	-0.0104	0.0055	NA
BMI	EA	rs2943465	C	C	0.0248	-0.0687	NA
BMI	EA	rs294704	T	T	-0.0113	0.0095	NA
BMI	EA	rs3007105	T	T	0.0142	-0.0291	NA
BMI	EA	rs326896	T	T	-0.0128	-0.056	NA

BMI	EA	rs331966	C	C	0.0112	0.0383	NA
BMI	EA	rs33500	T	T	-0.0167	-0.0271	NA
BMI	EA	rs339991	G	G	0.0124	0.0352	NA
BMI	EA	rs349088	A	A	-0.0128	-0.0329	NA
BMI	EA	rs3731695	C	C	0.0116	-0.0444	NA
BMI	EA	rs3732084	C	C	0.0107	-0.0292	NA
BMI	EA	rs3736485	G	G	-0.0134	0.024	NA
BMI	EA	rs3749897	T	T	0.0122	0.0013	NA
BMI	EA	rs3764835	A	A	-0.0141	0.0543	NA
BMI	EA	rs3772882	A	A	0.0127	0.0229	NA
BMI	EA	rs3800637	C	C	0.0115	-0.0042	NA
BMI	EA	rs3806114	A	A	-0.0113	-0.009	NA
BMI	EA	rs3806572	A	A	-0.0145	-0.0212	NA
BMI	EA	rs3807645	A	A	-0.0166	-0.0177	NA
BMI	EA	rs380857	A	A	-0.0151	-0.0702	NA
BMI	EA	rs3829849	T	T	0.0098	0.0348	NA
BMI	EA	rs38314	A	A	-0.012	-0.0384	NA
BMI	EA	rs3844598	G	G	0.0095	-0.0385	NA
BMI	EA	rs3902951	G	G	0.0134	0.0286	NA
BMI	EA	rs391300	C	C	-0.0119	0.0311	NA
BMI	EA	rs3977755	T	T	-0.0135	0.0433	NA
BMI	EA	rs40067	A	A	-0.0266	-0.0491	NA
BMI	EA	rs4012234	G	G	0.0141	0.0109	NA
BMI	EA	rs4072917	A	A	0.0115	0.0399	NA
BMI	EA	rs4148155	G	G	-0.0188	-0.041	NA
BMI	EA	rs4148866	T	T	0.0098	-0.0252	NA
BMI	EA	rs4237643	G	G	-0.0223	-0.057	NA
BMI	EA	rs427943	C	C	0.017	0.0448	NA
BMI	EA	rs429343	G	G	-0.015	0.0206	NA

BMI	EA	rs4307239	G	G	0.0115	0.0071	NA
BMI	EA	rs4310573	T	T	0.0116	-0.0033	NA
BMI	EA	rs4358081	C	C	0.0097	0.0223	NA
BMI	EA	rs4414033	A	A	0.0129	-0.0302	NA
BMI	EA	rs4430672	C	C	-0.0127	0.0541	NA
BMI	EA	rs4482463	A	A	-0.0331	-0.075	NA
BMI	EA	rs4495304	C	C	-0.0194	-0.012	NA
BMI	EA	rs4518345	A	A	-0.0117	0.0026	NA
BMI	EA	rs4556997	A	A	0.0197	-0.0379	NA
BMI	EA	rs4639527	G	G	0.0172	0.0125	NA
BMI	EA	rs4660443	T	T	0.0164	0.0224	NA
BMI	EA	rs4671328	G	G	-0.0219	-0.0082	NA
BMI	EA	rs4722398	T	T	0.0158	0.0105	NA
BMI	EA	rs4740619	C	C	-0.0186	0.0031	NA
BMI	EA	rs4757144	A	A	0.0169	0.0097	NA
BMI	EA	rs4783830	A	A	-0.0105	-0.016	NA
BMI	EA	rs4786903	G	G	0.0125	-0.0493	NA
BMI	EA	rs4813619	T	T	-0.0108	0.0076	NA
BMI	EA	rs4820408	G	G	-0.0151	-0.0311	NA
BMI	EA	rs4842491	T	T	0.0098	-0.011	NA
BMI	EA	rs4858193	C	C	-0.0129	-0.0024	NA
BMI	EA	rs4864201	C	C	-0.0141	0.0199	NA
BMI	EA	rs4880341	T	T	-0.0118	0.0383	NA
BMI	EA	rs4906908	G	G	0.0103	-0.0057	NA
BMI	EA	rs4929923	C	C	0.0181	0.022	NA
BMI	EA	rs4936175	C	C	0.0122	0.0146	NA
BMI	EA	rs4952843	G	G	-0.0131	0.02	NA
BMI	EA	rs4954638	C	C	-0.0118	0.0107	NA
BMI	EA	rs4968656	G	G	0.0116	-0.0168	NA

BMI	EA	rs4986044	T	T	-0.0164	-0.0316	NA
BMI	EA	rs543874	G	G	0.0475	0.0626	NA
BMI	EA	rs559231	T	T	0.0135	0.0099	NA
BMI	EA	rs577525	C	C	0.0166	0.0241	NA
BMI	EA	rs592483	T	T	-0.0147	0.0185	NA
BMI	EA	rs6050446	G	G	0.0343	0.0306	NA
BMI	EA	rs6443750	C	C	0.0148	0.0494	NA
BMI	EA	rs6448587	C	C	-0.0167	0.0332	NA
BMI	EA	rs645040	T	T	0.0171	0.0303	NA
BMI	EA	rs6471941	A	A	0.0156	0.0445	NA
BMI	EA	rs6500208	A	A	0.014	-0.0314	NA
BMI	EA	rs6556301	T	T	-0.0111	-0.0416	NA
BMI	EA	rs657452	G	G	-0.0188	-0.0337	NA
BMI	EA	rs6587552	G	G	-0.0173	-0.0613	NA
BMI	EA	rs6591407	A	A	-0.0118	-0.0113	NA
BMI	EA	rs6593688	G	G	0.0137	-0.0135	NA
BMI	EA	rs6673081	C	C	-0.01	5.00E-04	NA
BMI	EA	rs6692586	G	G	-0.0192	-0.0255	NA
BMI	EA	rs6764533	A	A	0.0116	-0.0269	NA
BMI	EA	rs6772756	G	G	-0.0104	0.0051	NA
BMI	EA	rs6785245	C	C	0.0132	0.0176	NA
BMI	EA	rs6804842	G	G	0.0156	-0.0422	NA
BMI	EA	rs6841761	T	T	-0.0131	9.00E-04	NA
BMI	EA	rs685870	C	C	0.012	0.0372	NA
BMI	EA	rs6985109	A	A	-0.0177	-0.0654	NA
BMI	EA	rs7037266	A	A	-0.0112	-0.0132	NA
BMI	EA	rs705217	G	G	-0.0102	-0.009	NA
BMI	EA	rs7084454	A	A	0.0193	-0.0039	NA
BMI	EA	rs7102454	C	C	0.0158	0.0105	NA

BMI	EA	rs7117238	A	A	-0.0131	-0.002	NA
BMI	EA	rs7138803	A	A	0.03	-0.0381	NA
BMI	EA	rs7148846	G	G	0.0124	-0.0031	NA
BMI	EA	rs7172627	G	G	0.0117	0.0021	NA
BMI	EA	rs7181498	C	C	-0.0163	-0.0435	NA
BMI	EA	rs7196720	C	C	-0.0129	0.0039	NA
BMI	EA	rs7222349	A	A	0.0115	-0.0178	NA
BMI	EA	rs7318817	T	T	-0.0155	-0.0214	NA
BMI	EA	rs7358465	T	T	0.0103	0.0162	NA
BMI	EA	rs7488867	T	T	-0.0204	0.0045	NA
BMI	EA	rs7519259	A	A	0.0125	0.0438	NA
BMI	EA	rs7535528	A	A	-0.0152	-0.0755	NA
BMI	EA	rs7550711	T	T	0.0649	0.0844	NA
BMI	EA	rs7557796	C	C	-0.016	-0.0582	NA
BMI	EA	rs756717	A	A	-0.0148	-0.0406	NA
BMI	EA	rs7599312	A	A	-0.0186	0.0641	NA
BMI	EA	rs7626079	T	T	0.011	-0.0112	NA
BMI	EA	rs7637852	G	G	-0.0139	-0.0333	NA
BMI	EA	rs765875	T	T	-0.0121	0.001	NA
BMI	EA	rs7683836	A	A	-0.0114	-0.0391	NA
BMI	EA	rs7685048	T	T	-0.0101	-0.0016	NA
BMI	EA	rs768840	A	A	0.0114	0.0241	NA
BMI	EA	rs769449	A	A	-0.0254	-0.0695	NA
BMI	EA	rs7694732	G	G	-0.0099	-0.0142	NA
BMI	EA	rs7703576	C	C	0.0103	0.008	NA
BMI	EA	rs7704281	A	A	0.0271	0.0084	NA
BMI	EA	rs7715256	T	T	-0.0166	0.0154	NA
BMI	EA	rs7724675	A	A	-0.0119	0.0179	NA
BMI	EA	rs7730004	T	T	0.0148	0.0312	NA

BMI	EA	rs7730898	A	A	0.0168	-0.0049	NA
BMI	EA	rs774246	G	G	0.0153	0.0931	NA
BMI	EA	rs7780752	C	C	0.0139	0.046	NA
BMI	EA	rs7788008	A	A	-0.0157	-0.0547	NA
BMI	EA	rs7811342	C	C	-0.0197	-0.038	NA
BMI	EA	rs7819514	A	A	-0.0107	-0.0217	NA
BMI	EA	rs7826312	C	C	0.0104	0.0182	NA
BMI	EA	rs7844647	C	C	-0.0123	0.0095	NA
BMI	EA	rs7869771	C	C	-0.014	-0.0114	NA
BMI	EA	rs7899106	G	G	0.0331	-0.0698	NA
BMI	EA	rs7903146	T	T	-0.0181	-0.0087	NA
BMI	EA	rs7925214	T	T	0.0147	-0.0407	NA
BMI	EA	rs7970953	A	A	0.0135	0.026	NA
BMI	EA	rs7983065	T	T	-0.0148	-0.062	NA
BMI	EA	rs7998796	G	G	0.0105	-0.0378	NA
BMI	EA	rs8036040	A	A	0.0109	0.0035	NA
BMI	EA	rs806600	G	G	-0.0095	-0.0115	NA
BMI	EA	rs8071182	A	A	0.0133	0.0042	NA
BMI	EA	rs8090983	G	G	0.0118	-0.0139	NA
BMI	EA	rs8097783	A	A	-0.0389	-0.0137	NA
BMI	EA	rs8123881	G	G	0.0196	-0.0429	NA
BMI	EA	rs8181823	C	C	0.0127	0.0164	NA
BMI	EA	rs818524	C	C	0.0106	0.0093	NA
BMI	EA	rs8192675	C	C	0.0152	0.0498	NA
BMI	EA	rs825688	T	T	-0.0095	-0.0267	NA
BMI	EA	rs845084	A	A	0.014	0.0236	NA
BMI	EA	rs852056	C	C	-0.0128	0.0176	NA
BMI	EA	rs865809	G	G	-0.0127	-0.0261	NA
BMI	EA	rs872281	T	T	-0.0151	-0.0337	NA

BMI	EA	rs876605	G	G	-0.0108	0.0108	NA
BMI	EA	rs879620	T	T	0.0231	-0.036	NA
BMI	EA	rs902695	A	A	-0.0103	0.0445	NA
BMI	EA	rs9294260	A	A	0.0147	0.0297	NA
BMI	EA	rs9300422	G	G	-0.0103	0.0347	NA
BMI	EA	rs930295	C	C	-0.0211	0.002	NA
BMI	EA	rs934224	T	T	0.0107	0.0525	NA
BMI	EA	rs9362662	G	G	-0.0112	-0.0216	NA
BMI	EA	rs9367368	C	C	-0.0121	-0.0448	NA
BMI	EA	rs9370261	T	T	0.0231	-0.0672	NA
BMI	EA	rs9375702	T	T	-0.0115	-0.0093	NA
BMI	EA	rs9408882	A	A	-0.0093	-0.0438	NA
BMI	EA	rs946824	C	C	-0.0206	-0.0316	NA
BMI	EA	rs947612	A	A	-0.0116	-0.0039	NA
BMI	EA	rs9538162	C	C	-0.0156	0.0573	NA
BMI	EA	rs9547153	G	G	0.0098	-0.006	NA
BMI	EA	rs9571687	A	A	-0.0129	-0.0387	NA
BMI	EA	rs9615905	T	T	0.011	0.0095	NA
BMI	EA	rs962273	C	C	0.0137	-0.0371	NA
BMI	EA	rs9650755	G	G	0.0154	0.0437	NA
BMI	EA	rs9688431	C	C	-0.0231	-0.0435	NA
BMI	EA	rs977747	G	G	-0.0169	-0.0273	NA
BMI	EA	rs9783858	T	T	0.0091	-0.0099	NA
BMI	EA	rs9806742	A	A	0.0208	-0.0779	NA
BMI	EA	rs9845966	G	G	-0.0105	0.0369	NA
BMI	EA	rs987237	G	G	0.0409	0.0451	NA
BMI	EA	rs9926784	C	C	-0.0258	-0.0818	NA
BMI	EA	rs9927848	A	A	-0.0122	-0.0331	NA
BMI	EA	rs9951619	G	G	0.0156	0.0259	NA

BMI	EA	rs998732	G	G	-0.0171	-0.0739	NA
BMI	EA	rs9989141	T	T	0.0162	-0.0123	NA
BMI	EA	rs999889	A	A	-0.0108	-0.0303	NA
Height	GERD	rs1001785	A	A	-0.0263342	0.0138	NA
Height	GERD	rs10036895	A	A	0.0155472	0.0024	NA
Height	GERD	rs10037485	T	T	-0.0160439	0.0186	NA
Height	GERD	rs10087788	A	A	0.0116855	2.00E-04	NA
Height	GERD	rs10100216	T	T	-0.0213822	-0.0097	NA
Height	GERD	rs10128711	C	C	-0.0211193	-0.0064	NA
Height	GERD	rs10142206	G	G	-0.0199676	0.0018	NA
Height	GERD	rs1017942	G	G	-0.0155115	0.0089	NA
Height	GERD	rs10235232	G	G	0.0150931	-0.0058	NA
Height	GERD	rs10241199	T	T	0.0233586	0.0015	NA
Height	GERD	rs10242685	C	C	0.0150426	0.0045	NA
Height	GERD	rs10248619	C	C	-0.0145417	-0.0156	NA
Height	GERD	rs10431570	C	C	0.0234305	-0.0263	NA
Height	GERD	rs1045396	G	G	0.016236	-0.0068	NA
Height	GERD	rs1049193	C	C	-0.0142212	-0.0016	NA
Height	GERD	rs10502879	T	T	0.00910199	-0.0136	NA
Height	GERD	rs10510567	C	C	0.0145557	0.0098	NA
Height	GERD	rs1063582	G	G	-0.0276528	-0.021	NA
Height	GERD	rs1065324	A	A	0.0171647	0.0014	NA
Height	GERD	rs10739971	A	A	-0.0198204	0.0364	NA
Height	GERD	rs10755086	C	C	-0.0128724	-9.00E-04	NA
Height	GERD	rs10766391	G	G	-0.0121115	0.0143	NA
Height	GERD	rs1076710	G	G	0.0117356	-1.00E-04	NA
Height	GERD	rs10770705	C	C	-0.0206356	-0.0071	NA
Height	GERD	rs10787959	G	G	-0.023035	0.0141	NA
Height	GERD	rs1080594	C	C	-0.0128636	-0.0052	NA

Height	GERD	rs10823229	G	G	0.0220626	0.0107	NA
Height	GERD	rs10826581	G	G	-0.0164506	0.02	NA
Height	GERD	rs10835757	A	A	0.00896309	0.0111	NA
Height	GERD	rs10836404	G	G	0.0121579	-0.0029	NA
Height	GERD	rs10840195	A	A	-0.011345	-0.0053	NA
Height	GERD	rs10846657	A	A	-0.0269951	0.0109	NA
Height	GERD	rs10849094	G	G	0.0235087	-0.0145	NA
Height	GERD	rs10853488	C	C	-0.0184235	-0.0241	NA
Height	GERD	rs10867779	C	C	-0.0126534	-0.0034	NA
Height	GERD	rs10872303	T	T	0.00863294	0.0043	NA
Height	GERD	rs10874746	C	C	0.0202969	-0.008	NA
Height	GERD	rs10900520	G	G	0.0144258	0.0109	NA
Height	GERD	rs10916208	C	C	-0.0368539	0.0163	NA
Height	GERD	rs10962540	C	C	0.0250196	0.024	NA
Height	GERD	rs11063069	G	G	-0.0120593	-0.0013	NA
Height	GERD	rs11067228	G	G	0.00904264	-0.0046	NA
Height	GERD	rs11080616	A	A	-0.0121382	0.0018	NA
Height	GERD	rs11090631	T	T	0.0238845	0.0061	NA
Height	GERD	rs11107116	T	T	0.052108	0.016	NA
Height	GERD	rs11126046	A	A	-0.00989858	0.0024	NA
Height	GERD	rs11129744	A	A	-0.0105256	-0.0016	NA
Height	GERD	rs11135743	G	G	-0.0133991	-0.0231	NA
Height	GERD	rs111510951	G	G	-0.0172968	-0.0204	NA
Height	GERD	rs111588693	A	A	0.0394893	-0.0154	NA
Height	GERD	rs11161724	A	A	-0.0175361	0.0065	NA
Height	GERD	rs11167487	C	C	0.0166702	-0.0092	NA
Height	GERD	rs111997837	C	C	0.0191233	0.0317	NA
Height	GERD	rs112035922	T	T	-0.0254854	-0.0064	NA
Height	GERD	rs11205303	C	C	0.0460153	0.0036	NA

Height	GERD	rs11224683	T	T	-0.0108485	-0.0052	NA
Height	GERD	rs112309350	T	T	0.0222969	-0.0082	NA
Height	GERD	rs11238393	T	T	0.016694	-0.002	NA
Height	GERD	rs113388806	T	T	0.0327108	0.0108	NA
Height	GERD	rs113595815	G	G	-0.029453	-0.0149	NA
Height	GERD	rs113898003	C	C	-0.0408633	-0.0067	NA
Height	GERD	rs1140239	T	T	0.0212934	-0.0046	NA
Height	GERD	rs114463080	A	A	-0.0268358	-0.0472	NA
Height	GERD	rs114531920	G	G	-0.0280174	0.0169	NA
Height	GERD	rs114693875	G	G	-0.0199819	-0.0348	NA
Height	GERD	rs1147504	A	A	-0.00943419	-0.0065	NA
Height	GERD	rs1149	C	C	-0.0124748	0.0018	NA
Height	GERD	rs114925571	G	G	0.0260017	0.0212	NA
Height	GERD	rs11557049	T	T	-0.019317	0.0325	NA
Height	GERD	rs11575580	T	T	-0.0395409	0.0569	NA
Height	GERD	rs11580093	C	C	-0.0232489	-0.0349	NA
Height	GERD	rs11584980	T	T	-0.0212168	0.0066	NA
Height	GERD	rs1159442	C	C	-0.0197187	0.0027	NA
Height	GERD	rs1159915	G	G	-0.0272204	-4.00E-04	NA
Height	GERD	rs11637639	T	T	-0.0356657	-0.0068	NA
Height	GERD	rs11655330	C	C	-0.0207872	-5.00E-04	NA
Height	GERD	rs116662954	A	A	-0.0669719	-0.0249	NA
Height	GERD	rs116664220	G	G	-0.0397121	-0.0451	NA
Height	GERD	rs116731485	C	C	0.0507885	-0.0393	NA
Height	GERD	rs116804470	A	A	0.0182505	-0.0275	NA
Height	GERD	rs116807401	C	C	0.0388096	0.0532	NA
Height	GERD	rs11683203	T	T	-0.00993029	0.0168	NA
Height	GERD	rs11692304	A	A	0.0127453	-0.0129	NA
Height	GERD	rs11698104	A	A	-0.0162797	-0.0084	NA

Height	GERD	rs11722554	A	A	-0.0430951	-0.0232	NA
Height	GERD	rs11725126	T	T	-0.0101208	-0.0021	NA
Height	GERD	rs1173727	C	C	-0.0363219	-0.0048	NA
Height	GERD	rs11750246	A	A	0.0147871	-0.0224	NA
Height	GERD	rs117564322	A	A	-0.0370475	-0.0041	NA
Height	GERD	rs11762106	C	C	-0.0279652	0.0143	NA
Height	GERD	rs11780194	T	T	0.00817915	-0.0061	NA
Height	GERD	rs11782890	C	C	-0.0232802	-0.0073	NA
Height	GERD	rs117972846	G	G	0.0336623	0.019	NA
Height	GERD	rs11884849	C	C	0.0159537	-0.0118	NA
Height	GERD	rs11917	A	A	0.00942053	-0.0055	NA
Height	GERD	rs11949055	C	C	0.0343147	-8.00E-04	NA
Height	GERD	rs12049572	C	C	-0.0216175	0.0082	NA
Height	GERD	rs12051048	A	A	0.0344973	-0.0118	NA
Height	GERD	rs12095997	T	T	0.044028	0.0247	NA
Height	GERD	rs12117131	T	T	-0.0182546	0.0205	NA
Height	GERD	rs12121476	G	G	-0.0193081	-0.0038	NA
Height	GERD	rs12145922	A	A	0.0253332	0.0056	NA
Height	GERD	rs12196141	G	G	0.0211794	0.0175	NA
Height	GERD	rs12328732	T	T	0.0321909	0.0176	NA
Height	GERD	rs12348423	C	C	-0.0176179	0.0109	NA
Height	GERD	rs12352132	G	G	0.0106566	0.0028	NA
Height	GERD	rs12425125	T	T	0.0229444	-0.0454	NA
Height	GERD	rs12448489	A	A	0.0202291	-0.0027	NA
Height	GERD	rs12464687	G	G	-0.0374763	-0.0151	NA
Height	GERD	rs12481997	A	A	-0.00936054	0.0149	NA
Height	GERD	rs12522256	A	A	0.0100891	-0.0079	NA
Height	GERD	rs12537	T	T	0.016678	0.0013	NA
Height	GERD	rs12552167	T	T	0.0213485	-4.00E-04	NA

Height	GERD	rs12569041	A	A	0.0190582	0.0265	NA
Height	GERD	rs12622262	G	G	-0.0094213	0.0122	NA
Height	GERD	rs12638147	G	G	-0.0298283	-0.0068	NA
Height	GERD	rs12648093	G	G	-0.0186162	-0.0013	NA
Height	GERD	rs12698854	T	T	-0.0148697	-0.0136	NA
Height	GERD	rs12699935	T	T	-0.0107393	0.0073	NA
Height	GERD	rs1283208	G	G	-0.0103348	0.0136	NA
Height	GERD	rs12937634	C	C	-0.0201094	0.0063	NA
Height	GERD	rs12962513	C	C	0.015994	-0.0061	NA
Height	GERD	rs12985346	A	A	0.0348536	0.0019	NA
Height	GERD	rs13017382	C	C	0.0201819	5.00E-04	NA
Height	GERD	rs13053084	A	A	-0.0160185	0.0038	NA
Height	GERD	rs13070310	T	T	-0.0186576	-0.0061	NA
Height	GERD	rs13112752	T	T	-0.0123488	-0.001	NA
Height	GERD	rs13131514	G	G	0.0101769	0.0117	NA
Height	GERD	rs13179048	A	A	0.0142543	0.0298	NA
Height	GERD	rs13197404	G	G	0.0391549	-0.0125	NA
Height	GERD	rs13219845	G	G	-0.0291144	-0.0081	NA
Height	GERD	rs1323339	T	T	0.0124537	-0.0087	NA
Height	GERD	rs1325598	G	G	0.0268585	-0.0224	NA
Height	GERD	rs1327313	A	A	0.0145415	0.0034	NA
Height	GERD	rs13274301	C	C	-0.0200368	-0.0262	NA
Height	GERD	rs13334376	A	A	0.0130836	-5.00E-04	NA
Height	GERD	rs1344047	A	A	0.0123969	-0.001	NA
Height	GERD	rs1360157	A	A	0.0130295	-3.00E-04	NA
Height	GERD	rs1363061	A	A	-0.0190008	0.0128	NA
Height	GERD	rs1366594	C	C	-0.0254391	-0.0079	NA
Height	GERD	rs1401597	G	G	0.0117999	-0.0159	NA
Height	GERD	rs1409353	A	A	0.0174197	-0.0196	NA

Height	GERD	rs143384	G	G	0.078647	-0.0202	NA
Height	GERD	rs145557463	G	G	0.0508116	-0.0156	NA
Height	GERD	rs1463597	G	G	-0.0285313	-2.00E-04	rs941873
Height	GERD	rs1468758	T	T	-0.0198784	0.0048	NA
Height	GERD	rs147110934	T	T	-0.088127	0.0827	NA
Height	GERD	rs1490384	T	T	0.0424878	-0.0105	NA
Height	GERD	rs149380977	C	C	-0.0709882	-0.0079	NA
Height	GERD	rs1496437	A	A	0.00934987	-5.00E-04	NA
Height	GERD	rs149870557	T	T	0.0453006	-0.0049	NA
Height	GERD	rs1511550	A	A	-0.0380129	0.0066	NA
Height	GERD	rs1524068	C	C	0.0202053	-0.0172	NA
Height	GERD	rs1574220	C	C	0.0296332	-0.0307	NA
Height	GERD	rs1659127	A	A	0.0225843	0.0033	NA
Height	GERD	rs16824590	A	A	-0.020775	0.0112	NA
Height	GERD	rs16827168	G	G	0.0317344	0.011	NA
Height	GERD	rs16844126	C	C	0.04434	0.0034	NA
Height	GERD	rs16864268	G	G	-0.0105985	-0.0026	NA
Height	GERD	rs16865925	C	C	0.013636	-0.0112	NA
Height	GERD	rs16869529	T	T	-0.0209799	-0.0229	NA
Height	GERD	rs16930370	C	C	0.0177619	-0.0022	NA
Height	GERD	rs16932959	G	G	-0.044777	0.0308	NA
Height	GERD	rs16939007	C	C	-0.0285064	0.0274	NA
Height	GERD	rs16942324	A	A	-0.125948	-0.0408	NA
Height	GERD	rs16964211	A	A	-0.0494458	0.0053	NA
Height	GERD	rs17038164	C	C	-0.0400845	0.0086	NA
Height	GERD	rs17050272	A	A	-0.00978632	0.0083	NA
Height	GERD	rs17101804	G	G	-0.0271941	0.0121	NA
Height	GERD	rs17106529	C	C	-0.0223485	-0.0013	NA
Height	GERD	rs17117784	C	C	-0.0137432	-0.0157	NA

Height	GERD	rs17128489	C	C	0.0196392	-0.0297	NA
Height	GERD	rs17222010	G	G	-0.0191204	-0.0053	NA
Height	GERD	rs17261915	C	C	-0.0250027	0.0188	NA
Height	GERD	rs17266595	A	A	0.0225736	0.0036	NA
Height	GERD	rs17272847	A	A	-0.0152994	0.0046	NA
Height	GERD	rs17369123	T	T	0.0245795	-0.0019	NA
Height	GERD	rs17400325	C	C	0.0511175	-0.005	NA
Height	GERD	rs1741344	T	T	-0.0250321	0.0078	NA
Height	GERD	rs174549	A	A	-0.0156135	0.0066	NA
Height	GERD	rs17535326	C	C	0.0179599	0.0229	NA
Height	GERD	rs17554723	G	G	-0.00896588	0.013	NA
Height	GERD	rs17575960	T	T	0.01115	-0.0034	NA
Height	GERD	rs17742246	G	G	0.0119552	-0.0281	NA
Height	GERD	rs17778091	C	C	0.0162213	0.0156	NA
Height	GERD	rs1805165	A	A	-0.0297805	-0.0023	NA
Height	GERD	rs1814982	C	C	-0.0171185	-0.0053	NA
Height	GERD	rs184691263	C	C	-0.0149558	-0.0088	NA
Height	GERD	rs185435	G	G	0.019801	0.0335	NA
Height	GERD	rs1855078	C	C	0.0258584	0.0087	NA
Height	GERD	rs1861925	T	T	0.00844647	-0.0039	NA
Height	GERD	rs186606513	A	A	-0.0629447	0.0338	NA
Height	GERD	rs188507692	A	A	-0.0506829	-0.0512	NA
Height	GERD	rs1885241	G	G	-0.0296831	9.00E-04	NA
Height	GERD	rs1897870	T	T	-0.0197907	0.0068	NA
Height	GERD	rs1982429	C	C	-0.00904349	0.0115	NA
Height	GERD	rs2000669	T	T	0.0133432	0.0054	NA
Height	GERD	rs2011077	T	T	0.0449804	-0.0013	NA
Height	GERD	rs2011981	T	T	-0.0397965	-0.0105	NA
Height	GERD	rs2013265	T	T	-0.0282677	-0.0018	NA

Height	GERD	rs2032588	A	A	0.0276486	-0.0216	NA
Height	GERD	rs2070647	G	G	0.0123432	0.011	NA
Height	GERD	rs2070776	G	G	0.041822	-0.0045	NA
Height	GERD	rs2072346	T	T	0.0226637	-0.0047	NA
Height	GERD	rs2072559	G	G	-0.0203561	0.0126	NA
Height	GERD	rs2076397	C	C	0.0219701	0.003	NA
Height	GERD	rs2110748	A	A	-0.0409998	0.0287	NA
Height	GERD	rs2163832	C	C	-0.0237178	-0.0025	NA
Height	GERD	rs2166898	A	A	-0.0304561	-0.0102	NA
Height	GERD	rs2169323	A	A	0.0101938	1.00E-04	NA
Height	GERD	rs2208651	A	A	0.0168875	-0.0073	NA
Height	GERD	rs2221628	A	A	0.0228815	0.0153	NA
Height	GERD	rs2229080	G	G	-0.00868808	-0.001	NA
Height	GERD	rs2230008	T	T	0.015798	0.0011	NA
Height	GERD	rs2230033	A	A	-0.0247895	-0.0013	NA
Height	GERD	rs2230398	C	C	-0.0253517	-0.0035	NA
Height	GERD	rs2230491	T	T	-0.0157936	-0.0223	NA
Height	GERD	rs2231928	G	G	0.0109695	0.0091	NA
Height	GERD	rs2234693	C	C	0.0300461	-0.0031	NA
Height	GERD	rs2236084	G	G	-0.0227264	0.0067	NA
Height	GERD	rs2236406	C	C	0.0417436	-0.0093	NA
Height	GERD	rs2237886	T	T	0.0480784	-0.0082	NA
Height	GERD	rs2247341	A	A	0.0246613	0.0151	NA
Height	GERD	rs2270571	T	T	0.0114636	-0.0044	NA
Height	GERD	rs2274432	A	A	0.0437053	-7.00E-04	NA
Height	GERD	rs2276749	C	C	0.035044	-0.0191	NA
Height	GERD	rs2279008	C	C	-0.0222641	-0.0142	NA
Height	GERD	rs228289	G	G	-0.0222097	-0.0131	NA
Height	GERD	rs2286983	A	A	0.0103745	-0.0124	NA

Height	GERD	rs2287326	G	G	-0.0307605	0.0132	NA
Height	GERD	rs2289125	C	C	0.014712	0.0145	NA
Height	GERD	rs2289195	A	A	0.0349421	-0.0078	NA
Height	GERD	rs2290154	C	C	-0.0201438	-0.0046	NA
Height	GERD	rs2291725	C	C	-0.0283493	0.0056	NA
Height	GERD	rs2291813	T	T	0.029565	-0.0111	NA
Height	GERD	rs2292553	A	A	0.022544	0.0095	NA
Height	GERD	rs229624	A	A	0.0116271	0.0073	NA
Height	GERD	rs2302580	T	T	-0.0240798	0.0051	NA
Height	GERD	rs2303580	T	T	0.0123415	-0.0104	NA
Height	GERD	rs2303596	C	C	-0.0164057	0.0083	NA
Height	GERD	rs2304300	A	A	0.0132684	-0.0078	NA
Height	GERD	rs2305073	C	C	0.0168964	0.0105	NA
Height	GERD	rs2306862	T	T	-0.0280436	0.0371	NA
Height	GERD	rs2323034	A	A	0.0137417	-0.0012	NA
Height	GERD	rs2326430	A	A	0.0119347	-0.0059	NA
Height	GERD	rs2339687	G	G	-0.0193208	-0.0101	NA
Height	GERD	rs2362460	C	C	0.0094459	0.016	NA
Height	GERD	rs2399510	A	A	-0.0333694	-0.025	NA
Height	GERD	rs2401	C	C	0.0239984	-0.0035	NA
Height	GERD	rs2411993	C	C	0.0185483	-0.0044	NA
Height	GERD	rs2420599	G	G	0.0122439	0.0102	NA
Height	GERD	rs2514841	T	T	0.0107319	0.0183	NA
Height	GERD	rs25415	G	G	-0.00961622	0.0078	NA
Height	GERD	rs2585405	G	G	0.0253716	-0.0143	NA
Height	GERD	rs2586252	A	A	-0.0131092	0.0019	NA
Height	GERD	rs2597513	T	T	-0.0374372	0.0271	NA
Height	GERD	rs2599459	G	G	0.0216505	-0.0078	NA
Height	GERD	rs2602730	A	A	-0.0216978	0.0127	NA

Height	GERD	rs2609334	C	C	-0.0276567	0.0128	NA
Height	GERD	rs2609383	A	A	-0.0128969	0.0148	NA
Height	GERD	rs2609976	T	T	0.015337	-0.0067	NA
Height	GERD	rs261532	T	T	0.0191187	-0.0165	NA
Height	GERD	rs263526	C	C	0.016296	-0.005	NA
Height	GERD	rs2635518	A	A	-0.0163253	-0.0082	NA
Height	GERD	rs2640511	G	G	0.00887563	0.0065	NA
Height	GERD	rs264665	C	C	0.0100783	0.0059	NA
Height	GERD	rs267731	G	G	-0.0334837	-0.0138	NA
Height	GERD	rs2732751	G	G	-0.0139243	0.0116	NA
Height	GERD	rs273945	C	C	0.0166944	-0.0024	NA
Height	GERD	rs274723	G	G	-0.0138443	-1.00E-04	NA
Height	GERD	rs2755237	C	C	-0.0221594	-0.0114	NA
Height	GERD	rs2770928	T	T	0.0295095	0.0043	NA
Height	GERD	rs2780991	G	G	-0.0115559	0.0129	NA
Height	GERD	rs2787600	G	G	0.00950939	-0.0089	NA
Height	GERD	rs2788271	G	G	-0.0135754	0.0095	NA
Height	GERD	rs2812238	C	C	-0.0233711	0.0023	NA
Height	GERD	rs2823559	G	G	-0.0177686	0.0107	NA
Height	GERD	rs282522	G	G	0.0210638	-0.0088	NA
Height	GERD	rs2830585	T	T	-0.0173874	-0.0109	NA
Height	GERD	rs2834456	A	A	0.0209188	0.0013	NA
Height	GERD	rs284660	T	T	-0.0264835	0.0017	NA
Height	GERD	rs28473477	G	G	-0.0221427	-0.0184	NA
Height	GERD	rs28551714	A	A	0.0116412	-0.0098	NA
Height	GERD	rs2856321	A	A	-0.0282205	0.0099	NA
Height	GERD	rs2871579	A	A	0.0139076	0.0043	NA
Height	GERD	rs2883052	A	A	-0.0160109	0.0125	NA
Height	GERD	rs28929474	T	T	0.133058	-0.0465	NA

Height	GERD	rs2903353	G	G	0.0363973	-0.0115	NA
Height	GERD	rs2986551	T	T	-0.0117721	0.0037	NA
Height	GERD	rs299364	G	G	-0.0277706	-0.0075	NA
Height	GERD	rs2994329	T	T	0.0153231	-0.0054	NA
Height	GERD	rs300982	A	A	-0.0281361	0.0181	NA
Height	GERD	rs3011895	A	A	-0.0161599	0.0106	NA
Height	GERD	rs3020407	A	A	-0.0158223	-0.0203	NA
Height	GERD	rs3118905	A	A	-0.0495846	0.0087	NA
Height	GERD	rs3133078	A	A	0.00888225	0.0086	NA
Height	GERD	rs314450	G	G	-0.00984395	-0.0024	NA
Height	GERD	rs3172417	T	T	0.0111534	-0.0011	NA
Height	GERD	rs3188055	G	G	0.0157111	-0.0079	NA
Height	GERD	rs332186	G	G	-0.0215567	0.001	NA
Height	GERD	rs33912345	A	A	-0.0387203	0.0076	NA
Height	GERD	rs34118426	G	G	-0.0294047	-0.0069	NA
Height	GERD	rs34209642	A	A	-0.0133982	0.0085	NA
Height	GERD	rs34223321	A	A	0.0165924	0.0182	NA
Height	GERD	rs34493480	A	A	-0.016446	-0.002	NA
Height	GERD	rs34558821	T	T	0.0184094	-0.0101	NA
Height	GERD	rs34604874	A	A	-0.0227887	-0.0056	NA
Height	GERD	rs35028046	T	T	0.00995281	-0.0011	NA
Height	GERD	rs351376	G	G	-0.0152144	-6.00E-04	NA
Height	GERD	rs35154152	C	C	0.0179181	-0.0019	NA
Height	GERD	rs353787	A	A	0.0240145	0.0027	NA
Height	GERD	rs35463563	A	A	-0.0118102	0.0136	NA
Height	GERD	rs35548026	A	A	0.0348847	0.0033	NA
Height	GERD	rs35593191	C	C	0.013813	0.0136	NA
Height	GERD	rs35616673	CT	CT	0.0254514	0.0012	NA
Height	GERD	rs35629341	C	C	-0.0114161	0.0069	NA

Height	GERD	rs35650604	G	G	-0.0475572	0.0102	NA
Height	GERD	rs35665085	A	A	-0.0261211	-0.0133	NA
Height	GERD	rs35741360	A	A	-0.0305196	0.0077	NA
Height	GERD	rs35874463	G	G	0.0757524	0.0082	NA
Height	GERD	rs35917062	A	A	-0.0241757	0.0078	NA
Height	GERD	rs36046591	G	G	-0.0305438	-0.0091	NA
Height	GERD	rs36226649	C	C	0.05364	-0.0026	NA
Height	GERD	rs3730474	C	C	0.0110005	0.009	NA
Height	GERD	rs3731673	A	A	0.00955785	2.00E-04	NA
Height	GERD	rs3732474	A	A	-0.0120463	0.0022	NA
Height	GERD	rs3733526	A	A	-0.010874	-0.0015	NA
Height	GERD	rs3741798	T	T	0.0149789	0.0194	NA
Height	GERD	rs3742500	T	T	-0.0106681	0.004	NA
Height	GERD	rs3743372	T	T	0.0119371	-0.0033	NA
Height	GERD	rs3763631	G	G	-0.0156074	0.0014	NA
Height	GERD	rs3765351	T	T	-0.0164119	0.001	NA
Height	GERD	rs3791679	G	G	-0.0660137	0.0063	NA
Height	GERD	rs3795948	C	C	0.0284457	-0.0141	NA
Height	GERD	rs3804664	A	A	0.0124585	-0.0048	NA
Height	GERD	rs3805599	G	G	0.0254949	-0.0154	NA
Height	GERD	rs3808909	A	A	0.00950914	-0.004	NA
Height	GERD	rs3814828	G	G	-0.0158173	-0.0123	NA
Height	GERD	rs3849688	G	G	0.0274014	0.0095	NA
Height	GERD	rs3868143	C	C	-0.0355317	-0.0061	NA
Height	GERD	rs3929051	T	T	0.0221194	0.0034	NA
Height	GERD	rs4078978	T	T	-0.0303721	0.0266	NA
Height	GERD	rs41271299	T	T	0.114561	-0.019	NA
Height	GERD	rs41284185	G	G	-0.0195479	0.0054	NA
Height	GERD	rs41311445	C	C	-0.0300825	0.0055	NA

Height	GERD	rs41317929	T	T	-0.0280721	0.0217	NA
Height	GERD	rs42039	T	T	0.0602836	-0.0034	NA
Height	GERD	rs4246079	G	G	0.0303615	-0.0063	NA
Height	GERD	rs4252548	T	T	-0.0947696	0.0198	NA
Height	GERD	rs4252717	C	C	0.010572	0.0023	NA
Height	GERD	rs4256170	A	A	0.0964521	0.006	NA
Height	GERD	rs4282339	A	A	-0.0346632	-5.00E-04	NA
Height	GERD	rs434818	A	A	0.0146426	0.0146	NA
Height	GERD	rs4369779	C	C	0.0688603	0.0064	NA
Height	GERD	rs4395467	T	T	-0.0183365	0.0112	NA
Height	GERD	rs4401680	G	G	0.0139899	0.0137	NA
Height	GERD	rs4464248	A	A	0.014494	-0.0071	NA
Height	GERD	rs4489137	A	A	-0.0114589	0.0025	NA
Height	GERD	rs45480992	C	C	0.0218132	0.0015	NA
Height	GERD	rs45528934	T	T	0.0327857	0.0039	NA
Height	GERD	rs45545532	T	T	0.016382	0.0055	NA
Height	GERD	rs4588	T	T	-0.0099725	0.0038	NA
Height	GERD	rs4593211	G	G	0.0194038	-0.0032	NA
Height	GERD	rs4614675	C	C	0.013182	-0.0173	NA
Height	GERD	rs4647930	A	A	-0.0147791	0.0045	NA
Height	GERD	rs4649056	A	A	0.0159953	-0.0028	NA
Height	GERD	rs4699385	G	G	0.0142782	0.007	NA
Height	GERD	rs4700931	C	C	0.0177764	0.0036	NA
Height	GERD	rs4717829	T	T	-0.024926	-0.0048	NA
Height	GERD	rs4733895	T	T	-0.010557	-0.015	NA
Height	GERD	rs4747478	G	G	0.0145861	0.0019	NA
Height	GERD	rs4751107	T	T	-0.0144481	-0.004	NA
Height	GERD	rs4757268	G	G	-0.016829	-0.0081	NA
Height	GERD	rs4766821	A	A	0.0239667	-0.0021	NA

Height	GERD	rs4788815	T	T	-0.0137814	-0.0069	NA
Height	GERD	rs4794665	G	G	-0.0268276	-0.0038	NA
Height	GERD	rs4808737	T	T	-0.0174573	0.0186	NA
Height	GERD	rs4811023	G	G	0.0100969	-4.00E-04	rs6012892
Height	GERD	rs4814656	A	A	-0.0149071	0.0269	NA
Height	GERD	rs4821083	C	C	-0.0280499	-0.005	NA
Height	GERD	rs483547	T	T	0.0127235	-0.0157	NA
Height	GERD	rs4842838	T	T	0.0498026	-0.0061	NA
Height	GERD	rs4881112	T	T	-0.00874967	-0.0021	NA
Height	GERD	rs4944052	C	C	0.0130389	0.01	NA
Height	GERD	rs4962683	T	T	0.0205591	-6.00E-04	NA
Height	GERD	rs4965598	T	T	-0.027377	0.0126	NA
Height	GERD	rs4969471	G	G	0.0194803	0.0118	NA
Height	GERD	rs4980826	A	A	0.0258971	-0.0098	NA
Height	GERD	rs4986172	T	T	-0.0297049	0.0145	NA
Height	GERD	rs5030755	G	G	0.0147982	-0.01	NA
Height	GERD	rs513043	G	G	0.0241928	-0.0269	NA
Height	GERD	rs520161	C	C	-0.046272	-0.0221	NA
Height	GERD	rs52826764	T	T	-0.0707078	-0.016	NA
Height	GERD	rs540652	T	T	0.0233006	0.0171	NA
Height	GERD	rs553951	C	C	0.0178517	4.00E-04	NA
Height	GERD	rs55667100	G	G	-0.0120089	0.0139	NA
Height	GERD	rs55675201	T	T	0.00912555	-0.0068	NA
Height	GERD	rs55726184	A	A	-0.0239057	-0.0112	NA
Height	GERD	rs55780974	A	A	0.01608	-0.0129	NA
Height	GERD	rs55814436	T	T	-0.0138998	0.0126	NA
Height	GERD	rs55913392	T	T	0.0128838	0.004	NA
Height	GERD	rs561821	T	T	-0.0186964	0.0127	NA
Height	GERD	rs56206307	A	A	0.00871859	-9.00E-04	NA

Height	GERD	rs56286965	A	A	-0.0267353	1.00E-04	NA
Height	GERD	rs56344540	T	T	0.0264299	-0.0132	NA
Height	GERD	rs563875	C	C	0.00995721	-0.0035	NA
Height	GERD	rs56398433	A	A	0.0154002	-0.0052	NA
Height	GERD	rs573909	A	A	-0.0156055	0.0115	NA
Height	GERD	rs5745297	A	A	-0.0174821	0.0154	NA
Height	GERD	rs58029322	A	A	-0.0665147	0.0057	NA
Height	GERD	rs584961	G	G	-0.0506007	-0.0176	NA
Height	GERD	rs58968052	C	C	0.0170045	0.009	NA
Height	GERD	rs592060	T	T	0.0198706	2.00E-04	NA
Height	GERD	rs6010778	C	C	0.0135454	0.0015	NA
Height	GERD	rs60131767	A	A	0.0126145	0.0058	NA
Height	GERD	rs6019321	G	G	0.0215429	-0.0378	NA
Height	GERD	rs60542959	T	T	0.0371587	0.0149	NA
Height	GERD	rs60628344	G	G	-0.013888	0.0034	NA
Height	GERD	rs6082354	C	C	-0.0189313	-0.0021	NA
Height	GERD	rs60884807	C	C	-0.0144883	-0.0159	NA
Height	GERD	rs60964243	C	C	-0.0142598	0.0083	NA
Height	GERD	rs61732778	A	A	0.047274	-0.013	NA
Height	GERD	rs61734651	T	T	0.0493971	0.0215	NA
Height	GERD	rs61744510	A	A	-0.030766	-0.0303	NA
Height	GERD	rs61748237	T	T	0.0153551	0.0049	NA
Height	GERD	rs61776719	A	A	-0.0213851	-0.0086	NA
Height	GERD	rs6180	C	C	-0.0232233	-0.0065	NA
Height	GERD	rs61916657	A	A	-0.0103786	-0.006	NA
Height	GERD	rs61921506	T	T	0.0150861	-0.0101	NA
Height	GERD	rs620014	A	A	-0.0140915	0.0097	NA
Height	GERD	rs62022525	T	T	0.0217335	0.0183	NA
Height	GERD	rs62048221	T	T	-0.0266806	0.0033	NA

Height	GERD	rs62125962	G	G	0.0232527	-0.0141	NA
Height	GERD	rs62135070	T	T	-0.0265724	-0.0158	NA
Height	GERD	rs62236670	T	T	0.0189747	0.0078	NA
Height	GERD	rs62273902	G	G	-0.0288926	-0.0119	NA
Height	GERD	rs62354996	A	A	0.0237951	0.001	NA
Height	GERD	rs62385405	C	C	0.0230447	-0.01	NA
Height	GERD	rs624070	C	C	0.0146279	9.00E-04	NA
Height	GERD	rs62502258	G	G	-0.023187	-0.0047	NA
Height	GERD	rs62515696	T	T	-0.0366513	0.03	NA
Height	GERD	rs62576049	A	A	-0.0134025	-0.0025	NA
Height	GERD	rs62621197	T	T	-0.144304	-0.0605	NA
Height	GERD	rs6433973	T	T	-0.0126324	0.0194	NA
Height	GERD	rs6469835	G	G	0.0233088	-0.0179	NA
Height	GERD	rs6470764	T	T	-0.0477809	-0.0037	NA
Height	GERD	rs6471906	A	A	0.0218803	0.0104	NA
Height	GERD	rs6482467	G	G	0.0117405	0.0104	NA
Height	GERD	rs6505216	T	T	-0.065625	0.0188	NA
Height	GERD	rs6519183	A	A	-0.0149226	0.0188	NA
Height	GERD	rs6540964	T	T	-0.0182649	-0.0046	NA
Height	GERD	rs6544746	A	A	-0.0266455	0.0089	NA
Height	GERD	rs6562757	A	A	0.0135293	0.0029	NA
Height	GERD	rs6570507	A	A	-0.0533827	0.003	NA
Height	GERD	rs6585827	A	A	0.0217055	0.0126	NA
Height	GERD	rs6601014	C	C	-0.0167877	-0.0105	NA
Height	GERD	rs6605522	G	G	0.0162673	0.0107	NA
Height	GERD	rs6650671	G	G	0.0113826	-0.0079	NA
Height	GERD	rs6666334	T	T	0.0141211	0.0012	NA
Height	GERD	rs66705636	G	G	0.0171255	-0.0091	NA
Height	GERD	rs6684205	G	G	0.0357665	-0.0134	NA

Height	GERD	rs67011406	T	T	-0.0115884	0.0091	NA
Height	GERD	rs670318	C	C	0.0249926	-0.013	NA
Height	GERD	rs6714546	G	G	0.0301285	0.0012	NA
Height	GERD	rs6721191	G	G	-0.0215029	-0.0141	NA
Height	GERD	rs6764459	T	T	0.0206952	0.0142	NA
Height	GERD	rs6765930	G	G	0.0384845	-0.015	NA
Height	GERD	rs6766744	T	T	-0.0107606	-0.0086	NA
Height	GERD	rs67751243	A	A	-0.0156886	-0.0037	NA
Height	GERD	rs678376	G	G	0.0143528	7.00E-04	NA
Height	GERD	rs6786420	T	T	-0.0151707	0.0054	NA
Height	GERD	rs6792408	A	A	-0.0323106	0.0015	NA
Height	GERD	rs6830062	C	C	-0.0743515	0.0354	NA
Height	GERD	rs6832769	A	A	0.0128314	0.0151	NA
Height	GERD	rs683503	T	T	0.0114438	-0.0037	NA
Height	GERD	rs6866190	G	G	0.0187456	-0.0083	NA
Height	GERD	rs6877743	C	C	-0.0090036	-0.0137	NA
Height	GERD	rs690528	G	G	0.0156992	-0.0142	NA
Height	GERD	rs6923431	C	C	0.0194605	0.0074	NA
Height	GERD	rs6957470	G	G	0.0146364	0.023	NA
Height	GERD	rs7003319	C	C	0.0150205	-0.0106	NA
Height	GERD	rs7021495	A	A	-0.0129343	-0.0167	NA
Height	GERD	rs7071514	A	A	0.0255264	0.0164	NA
Height	GERD	rs7076886	C	C	-0.0139218	-0.0011	NA
Height	GERD	rs7079388	C	C	-0.0210445	0.004	NA
Height	GERD	rs7089424	G	G	0.0144236	-0.0027	NA
Height	GERD	rs7105590	C	C	0.0139167	-0.0109	NA
Height	GERD	rs7131821	G	G	-0.0232139	-0.008	NA
Height	GERD	rs7137504	T	T	-0.0142033	0.0074	NA
Height	GERD	rs7150628	T	T	0.0163339	0.0024	NA

Height	GERD	rs7175303	A	A	-0.0189546	-0.0046	NA
Height	GERD	rs7178347	C	C	-0.0112909	-0.0041	NA
Height	GERD	rs7178424	T	T	-0.0193797	0.0059	NA
Height	GERD	rs7221974	G	G	-0.0187885	0.011	NA
Height	GERD	rs7223297	C	C	0.0206452	0.0137	NA
Height	GERD	rs723149	G	G	-0.0233993	0.0233	NA
Height	GERD	rs7259761	A	A	0.0162869	-0.0212	NA
Height	GERD	rs7261425	G	G	-0.0153204	0.004	NA
Height	GERD	rs72634327	G	G	-0.0141052	-0.0129	NA
Height	GERD	rs72666768	A	A	0.018859	0.019	NA
Height	GERD	rs72731506	T	T	0.0249729	-0.0141	NA
Height	GERD	rs72733526	C	C	0.0501542	-0.0012	NA
Height	GERD	rs72745352	T	T	0.0382909	-0.0203	NA
Height	GERD	rs7274811	T	T	-0.038377	0.0283	NA
Height	GERD	rs72752151	C	C	0.012475	0.0036	NA
Height	GERD	rs72755233	A	A	-0.0843156	-0.0127	NA
Height	GERD	rs72800433	C	C	0.0245874	0.0174	NA
Height	GERD	rs72836800	C	C	0.0192356	-0.0272	NA
Height	GERD	rs72843872	G	G	0.0160676	-0.0107	NA
Height	GERD	rs72885917	C	C	-0.0215377	0.0068	NA
Height	GERD	rs72911393	T	T	-0.0160134	-0.0107	NA
Height	GERD	rs7299667	A	A	-0.0172659	0.0059	NA
Height	GERD	rs73188218	G	G	0.0314566	-0.0411	NA
Height	GERD	rs7319045	G	G	-0.0276746	0.0048	NA
Height	GERD	rs73238195	C	C	0.0140195	-0.0029	NA
Height	GERD	rs73995748	A	A	-0.0195608	0.0056	NA
Height	GERD	rs740026	A	A	0.0182007	-0.0038	NA
Height	GERD	rs7403118	T	T	-0.0271579	-0.0058	NA
Height	GERD	rs744563	G	G	0.0299308	0.0119	NA

Height	GERD	rs74475305	C	C	-0.0289319	0.0078	NA
Height	GERD	rs7466269	G	G	-0.0304527	0.0034	NA
Height	GERD	rs74796687	C	C	-0.0760142	0.0153	NA
Height	GERD	rs74819596	T	T	-0.0154581	-0.0052	NA
Height	GERD	rs74836424	T	T	-0.0376366	-0.0162	NA
Height	GERD	rs74853008	A	A	0.0305757	-0.0157	NA
Height	GERD	rs75073573	A	A	-0.032054	-0.0049	NA
Height	GERD	rs7520065	G	G	0.0107839	-0.0047	NA
Height	GERD	rs754532	A	A	0.0149305	-0.01	NA
Height	GERD	rs7555017	G	G	-0.0485623	0.0179	NA
Height	GERD	rs7570580	A	A	0.0136357	-0.0052	NA
Height	GERD	rs75810459	A	A	0.016899	-0.0136	NA
Height	GERD	rs7585413	G	G	-0.0125084	0.0247	NA
Height	GERD	rs76156143	T	T	0.0330601	0.0105	NA
Height	GERD	rs76181418	T	T	0.0167873	0.0133	NA
Height	GERD	rs7622799	A	A	0.0155666	0.0018	NA
Height	GERD	rs76325149	T	T	-0.018829	0.0188	NA
Height	GERD	rs76604529	A	A	0.0145165	-0.0069	NA
Height	GERD	rs76634538	T	T	-0.0187181	-0.0048	NA
Height	GERD	rs76668221	T	T	0.0267435	0.0153	NA
Height	GERD	rs76693355	C	C	-0.0281081	-0.0081	NA
Height	GERD	rs76713834	C	C	0.0392549	0.0028	NA
Height	GERD	rs7689420	C	C	0.0811325	-0.0053	NA
Height	GERD	rs76938895	C	C	-0.0238837	0.0364	NA
Height	GERD	rs7697556	C	C	-0.0307738	-0.0126	NA
Height	GERD	rs77124518	C	C	0.0182548	-0.0069	NA
Height	GERD	rs77187680	A	A	-0.0302342	0.0199	NA
Height	GERD	rs7730136	T	T	0.0113816	-0.007	NA
Height	GERD	rs7732038	C	C	-0.0221444	-0.0029	NA

Height	GERD	rs7744288	A	A	0.0667661	-0.0274	NA
Height	GERD	rs7749357	G	G	0.0155132	-8.00E-04	NA
Height	GERD	rs77542162	G	G	0.0449637	0.016	NA
Height	GERD	rs7759938	T	T	-0.0464608	0.0052	NA
Height	GERD	rs77686972	A	A	0.0168671	0.0114	NA
Height	GERD	rs77885044	T	T	-0.0702153	-0.0064	rs74385072
Height	GERD	rs7790246	T	T	0.0110579	-0.0015	NA
Height	GERD	rs7808966	C	C	-0.0104193	-0.0012	NA
Height	GERD	rs781658	A	A	0.0336083	0.005	NA
Height	GERD	rs78198962	T	T	0.0925331	0.0115	NA
Height	GERD	rs7825742	C	C	-0.0171287	-0.0011	NA
Height	GERD	rs7846385	C	C	0.0355864	0.0062	NA
Height	GERD	rs78514293	T	T	0.0462035	0.0537	NA
Height	GERD	rs78588220	T	T	0.0189201	-0.0037	NA
Height	GERD	rs78592865	A	A	-0.0394195	-0.0653	NA
Height	GERD	rs7869550	G	G	-0.0398017	0.0143	NA
Height	GERD	rs78743535	T	T	-0.0438749	0.0077	NA
Height	GERD	rs78760367	A	A	-0.0178342	-0.0199	NA
Height	GERD	rs78844280	A	A	0.119744	-0.0246	NA
Height	GERD	rs78905646	A	A	0.0345316	0.0345	NA
Height	GERD	rs79098569	A	A	0.0161956	0.0177	NA
Height	GERD	rs791314	C	C	0.0144126	-0.0112	NA
Height	GERD	rs79131883	C	C	-0.0223786	0.0019	NA
Height	GERD	rs79172040	T	T	0.0288919	-0.0016	NA
Height	GERD	rs79199195	A	A	-0.00940238	0.0012	NA
Height	GERD	rs79215950	A	A	-0.0118103	-0.017	NA
Height	GERD	rs79293458	A	A	0.0495786	0.0105	NA
Height	GERD	rs794016	T	T	0.0254961	0.0072	NA
Height	GERD	rs7945071	T	T	0.0136929	0.0191	NA

Height	GERD	rs7947357	G	G	-0.0108428	-0.0041	NA
Height	GERD	rs7948458	C	C	0.0298901	9.00E-04	NA
Height	GERD	rs7952436	T	T	-0.0996006	-0.0039	NA
Height	GERD	rs79741311	A	A	0.0238044	-0.0255	NA
Height	GERD	rs7979636	G	G	0.023036	-7.00E-04	NA
Height	GERD	rs798488	C	C	-0.0565342	-0.0079	NA
Height	GERD	rs79849109	T	T	-0.0278905	-0.018	NA
Height	GERD	rs7993139	G	G	-0.0112723	0.022	NA
Height	GERD	rs7997559	G	G	-0.0166604	0.0056	NA
Height	GERD	rs80138182	T	T	-0.0361437	-0.0647	NA
Height	GERD	rs8013827	G	G	0.0153987	-0.0085	NA
Height	GERD	rs80292045	A	A	0.038544	0.0173	NA
Height	GERD	rs806100	C	C	-0.0139416	-0.0012	NA
Height	GERD	rs8094859	T	T	0.0135606	0.0165	NA
Height	GERD	rs822552	G	G	0.0346727	-5.00E-04	NA
Height	GERD	rs839239	T	T	-0.0178262	0.0078	NA
Height	GERD	rs840464	T	T	-0.0098721	9.00E-04	NA
Height	GERD	rs844245	T	T	-0.00997957	-0.0039	NA
Height	GERD	rs848638	T	T	0.0168069	0.0062	NA
Height	GERD	rs860457	C	C	0.0135179	-0.0159	NA
Height	GERD	rs862049	T	T	0.0284362	0.0075	NA
Height	GERD	rs865923	C	C	-0.0174314	0.005	NA
Height	GERD	rs871014	C	C	-0.0152313	0.0257	NA
Height	GERD	rs879544	C	C	0.0213884	2.00E-04	NA
Height	GERD	rs880671	A	A	0.0160497	-0.0065	NA
Height	GERD	rs8904	A	A	-0.0144319	-0.008	NA
Height	GERD	rs9217	C	C	0.0327218	-0.0105	NA
Height	GERD	rs9296558	T	T	0.0157066	-0.0087	NA
Height	GERD	rs9309037	T	T	-0.0117581	-0.008	NA

Height	GERD	rs9360921	G	G	0.0387839	-0.0136	NA
Height	GERD	rs9379084	A	A	-0.0420195	-9.00E-04	NA
Height	GERD	rs939105	T	T	0.0208311	0.013	NA
Height	GERD	rs9395066	C	C	0.0222241	-0.0074	NA
Height	GERD	rs9397587	A	A	-0.0082964	0.0014	NA
Height	GERD	rs9427094	T	T	-0.0120723	-0.0132	NA
Height	GERD	rs943991	T	T	0.0204552	-0.0029	NA
Height	GERD	rs9517459	C	C	0.0122351	0.0132	NA
Height	GERD	rs9534996	A	A	0.0137905	-0.0186	NA
Height	GERD	rs9549356	G	G	0.013498	-0.0122	NA
Height	GERD	rs955748	G	G	0.0223584	-0.0023	NA
Height	GERD	rs9566168	C	C	0.0120204	-0.0034	NA
Height	GERD	rs9650315	T	T	-0.0591853	0.0064	NA
Height	GERD	rs9669404	A	A	0.0211394	-0.0033	NA
Height	GERD	rs9681668	A	A	0.0170815	-0.002	NA
Height	GERD	rs9745989	C	C	0.0140931	-0.0103	NA
Height	GERD	rs9820765	A	A	0.0123948	-0.0029	NA
Height	GERD	rs9843296	C	C	0.0247824	-0.0125	NA
Height	GERD	rs9844739	A	A	-0.0132475	-0.0143	NA
Height	GERD	rs990013	G	G	-0.0139087	-0.0051	NA
Height	GERD	rs994014	C	C	0.0440273	0.0199	NA
Height	GERD	rs9969804	C	C	-0.022469	-0.0052	NA
Height	GERD	rs997915	T	T	0.0155184	-0.0196	NA
Height	GERD	rs9989017	T	T	0.0196275	-0.0076	NA
Height	BE	rs1001785	A	A	-0.0263342	0.0336891	rs12422234
Height	BE	rs10037485	T	T	-0.0160439	-0.0113271	NA
Height	BE	rs10087788	A	A	0.0116855	0.00804275	NA
Height	BE	rs10100216	T	T	-0.0213822	0.00356083	NA
Height	BE	rs10128711	C	C	-0.0211193	-0.000954179	NA

Height	BE	rs10142206	G	G	-0.0199676	-0.0214029	rs7148764
Height	BE	rs1017942	G	G	-0.0155115	0.022473	rs4874105
Height	BE	rs10235232	G	G	0.0150931	-0.00569753	rs10275439
Height	BE	rs10241199	T	T	0.0233586	0.00184728	rs2709331
Height	BE	rs10242685	C	C	0.0150426	0.00323122	NA
Height	BE	rs10248619	C	C	-0.0145417	-0.0444644	NA
Height	BE	rs10431570	C	C	0.0234305	0.024022	rs2358947
Height	BE	rs1049193	C	C	-0.0142212	-0.000361558	NA
Height	BE	rs10502879	T	T	0.00910199	-0.0164779	NA
Height	BE	rs10507170	A	A	0.0160148	-0.0105211	NA
Height	BE	rs10510567	C	C	0.0145557	0.0238365	NA
Height	BE	rs1063582	G	G	-0.0276528	-0.00474689	NA
Height	BE	rs1065324	A	A	0.0171647	-0.0181844	rs7584473
Height	BE	rs10739971	A	A	-0.0198204	0.037517	NA
Height	BE	rs10766391	G	G	-0.0121115	0.00966055	NA
Height	BE	rs10770705	C	C	-0.0206356	-0.0194717	NA
Height	BE	rs10787959	G	G	-0.023035	0.00114321	NA
Height	BE	rs1080594	C	C	-0.0128636	-0.0354474	NA
Height	BE	rs10823229	G	G	0.0220626	0.0099627	NA
Height	BE	rs10826581	G	G	-0.0164506	0.0158918	NA
Height	BE	rs10835757	A	A	0.00896309	0.0240042	NA
Height	BE	rs10849094	G	G	0.0235087	0.0400006	NA
Height	BE	rs10853488	C	C	-0.0184235	0.0198649	NA
Height	BE	rs10867779	C	C	-0.0126534	-0.00910149	rs870713
Height	BE	rs10872303	T	T	0.00863294	-0.00558401	NA
Height	BE	rs10874746	C	C	0.0202969	-0.0300525	NA
Height	BE	rs10900520	G	G	0.0144258	0.0226132	NA
Height	BE	rs10962540	C	C	0.0250196	0.0505316	NA
Height	BE	rs11063069	G	G	-0.0120593	-0.0187231	NA

Height	BE	rs11067228	G	G	0.00904264	0.0188518	NA
Height	BE	rs11080616	A	A	-0.0121382	0.0380488	NA
Height	BE	rs11090631	T	T	0.0238845	0.0123588	NA
Height	BE	rs11107116	T	T	0.052108	-0.00586066	NA
Height	BE	rs11126046	A	A	-0.00989858	-0.0148858	NA
Height	BE	rs11129744	A	A	-0.0105256	0.0139798	NA
Height	BE	rs11135743	G	G	-0.0133991	-0.0288833	NA
Height	BE	rs111510951	G	G	-0.0172968	-0.0456484	rs12417694
Height	BE	rs11167487	C	C	0.0166702	0.00833197	NA
Height	BE	rs11205303	C	C	0.0460153	0.0234541	NA
Height	BE	rs11224683	T	T	-0.0108485	-0.0197151	NA
Height	BE	rs11238393	T	T	0.016694	0.00276077	NA
Height	BE	rs113898003	C	C	-0.0408633	-0.00291813	rs1415701
Height	BE	rs1140239	T	T	0.0212934	-0.0255902	rs11642612
Height	BE	rs1147504	A	A	-0.00943419	0.00119024	NA
Height	BE	rs1149	C	C	-0.0124748	0.00691981	NA
Height	BE	rs11580093	C	C	-0.0232489	-0.0670708	NA
Height	BE	rs11584980	T	T	-0.0212168	-0.0354108	NA
Height	BE	rs1159442	C	C	-0.0197187	-0.00595855	rs6903707
Height	BE	rs1159915	G	G	-0.0272204	0.02398	rs7740129
Height	BE	rs11637639	T	T	-0.0356657	0.0919571	NA
Height	BE	rs116664220	G	G	-0.0397121	0.0129779	rs7666221
Height	BE	rs11683203	T	T	-0.00993029	0.000652266	NA
Height	BE	rs11692304	A	A	0.0127453	-0.0111949	NA
Height	BE	rs11698104	A	A	-0.0162797	-0.038656	rs11087740
Height	BE	rs11722554	A	A	-0.0430951	-0.010224	NA
Height	BE	rs1173727	C	C	-0.0363219	-0.0127602	NA
Height	BE	rs11750246	A	A	0.0147871	-0.0200039	NA
Height	BE	rs11762106	C	C	-0.0279652	0.010468	rs10950947

Height	BE	rs11782890	C	C	-0.0232802	-0.00935316	rs3935755
Height	BE	rs11795150	G	G	0.00972749	0.003603	NA
Height	BE	rs11884849	C	C	0.0159537	0.0156433	rs12996450
Height	BE	rs11917	A	A	0.00942053	-0.00860785	NA
Height	BE	rs11949055	C	C	0.0343147	-0.00550645	rs17622208
Height	BE	rs12049572	C	C	-0.0216175	-0.0167162	NA
Height	BE	rs12095997	T	T	0.044028	0.0248611	rs3176466
Height	BE	rs12117131	T	T	-0.0182546	0.0276528	rs2815351
Height	BE	rs12121476	G	G	-0.0193081	-0.0037849	rs6688233
Height	BE	rs12145922	A	A	0.0253332	-0.0102699	NA
Height	BE	rs12196141	G	G	0.0211794	0.0256092	NA
Height	BE	rs12352132	G	G	0.0106566	0.0100604	NA
Height	BE	rs12425125	T	T	0.0229444	0.0366678	NA
Height	BE	rs12448489	A	A	0.0202291	0.00454104	rs3751759
Height	BE	rs12464687	G	G	-0.0374763	0.0228234	rs11891205
Height	BE	rs12522256	A	A	0.0100891	-0.00665896	rs10059748
Height	BE	rs12537	T	T	0.016678	-0.032643	NA
Height	BE	rs12552167	T	T	0.0213485	0.0319695	rs3923776
Height	BE	rs12569041	A	A	0.0190582	0.0418693	NA
Height	BE	rs12622262	G	G	-0.0094213	0.0243146	NA
Height	BE	rs12638147	G	G	-0.0298283	-0.0303286	NA
Height	BE	rs12648093	G	G	-0.0186162	-0.0118679	NA
Height	BE	rs12698854	T	T	-0.0148697	-0.03351	NA
Height	BE	rs12699935	T	T	-0.0107393	0.0340164	NA
Height	BE	rs1283208	G	G	-0.0103348	-0.00101078	NA
Height	BE	rs12937634	C	C	-0.0201094	-0.00179003	NA
Height	BE	rs12962513	C	C	0.015994	-0.0136849	rs878971
Height	BE	rs12985346	A	A	0.0348536	0.000606177	rs12976923
Height	BE	rs13017382	C	C	0.0201819	-0.0447658	rs13018816

Height	BE	rs13070310	T	T	-0.0186576	-0.012226	rs4413343
Height	BE	rs13112752	T	T	-0.0123488	-0.00320919	rs7661471
Height	BE	rs13131514	G	G	0.0101769	0.00635048	rs13107292
Height	BE	rs13179048	A	A	0.0142543	-0.00374259	NA
Height	BE	rs13197404	G	G	0.0391549	-0.014552	NA
Height	BE	rs1323339	T	T	0.0124537	0.00932348	NA
Height	BE	rs1325598	G	G	0.0268585	-0.0183449	NA
Height	BE	rs1327313	A	A	0.0145415	0.00806233	NA
Height	BE	rs13274301	C	C	-0.0200368	-0.0200443	rs13270017
Height	BE	rs13334376	A	A	0.0130836	-0.0218613	rs3751668
Height	BE	rs1344047	A	A	0.0123969	-0.021322	NA
Height	BE	rs1360157	A	A	0.0130295	0.00533121	NA
Height	BE	rs1363061	A	A	-0.0190008	0.0174111	NA
Height	BE	rs1366594	C	C	-0.0254391	-0.0215436	NA
Height	BE	rs1401597	G	G	0.0117999	-0.039593	NA
Height	BE	rs1409353	A	A	0.0174197	-0.00086132	NA
Height	BE	rs1463597	G	G	-0.0285313	-0.0243018	rs941873
Height	BE	rs1468758	T	T	-0.0198784	0.0204686	NA
Height	BE	rs1490384	T	T	0.0424878	-0.0209512	NA
Height	BE	rs1496437	A	A	0.00934987	0.00570973	NA
Height	BE	rs1511550	A	A	-0.0380129	0.0128075	NA
Height	BE	rs1524068	C	C	0.0202053	-0.02004	NA
Height	BE	rs1574220	C	C	0.0296332	-0.0746834	NA
Height	BE	rs1659127	A	A	0.0225843	0.00350731	rs246185
Height	BE	rs16824590	A	A	-0.020775	0.00336074	rs6753044
Height	BE	rs16844126	C	C	0.04434	-0.0196738	NA
Height	BE	rs16864268	G	G	-0.0105985	-0.00743531	NA
Height	BE	rs16869529	T	T	-0.0209799	-0.018763	NA
Height	BE	rs16930370	C	C	0.0177619	0.0119889	NA

Height	BE	rs16939007	C	C	-0.0285064	0.039775	NA
Height	BE	rs16964211	A	A	-0.0494458	-0.00838482	NA
Height	BE	rs17038164	C	C	-0.0400845	-0.0252885	NA
Height	BE	rs17050272	A	A	-0.00978632	0.032563	NA
Height	BE	rs17106529	C	C	-0.0223485	-0.0296246	NA
Height	BE	rs17117784	C	C	-0.0137432	-0.0106846	NA
Height	BE	rs17128489	C	C	0.0196392	0.000351931	NA
Height	BE	rs172179	C	C	-0.0117504	-0.0227719	NA
Height	BE	rs17222010	G	G	-0.0191204	0.0206261	NA
Height	BE	rs17261915	C	C	-0.0250027	-0.000815385	NA
Height	BE	rs17266595	A	A	0.0225736	-0.00260065	NA
Height	BE	rs17272847	A	A	-0.0152994	0.0624854	NA
Height	BE	rs17369123	T	T	0.0245795	-0.0209125	NA
Height	BE	rs17400325	C	C	0.0511175	-0.029729	NA
Height	BE	rs1741344	T	T	-0.0250321	0.01642	NA
Height	BE	rs174549	A	A	-0.0156135	0.00445639	NA
Height	BE	rs17535326	C	C	0.0179599	-0.000376206	NA
Height	BE	rs17554723	G	G	-0.00896588	0.00971542	NA
Height	BE	rs17575960	T	T	0.01115	-0.0284759	NA
Height	BE	rs17742246	G	G	0.0119552	-0.0353856	NA
Height	BE	rs17778091	C	C	0.0162213	-0.0073531	rs735361
Height	BE	rs1805165	A	A	-0.0297805	0.00959672	NA
Height	BE	rs1814982	C	C	-0.0171185	-0.007048	rs10935664
Height	BE	rs185435	G	G	0.019801	0.0548273	NA
Height	BE	rs1855078	C	C	0.0258584	0.0118727	NA
Height	BE	rs1861925	T	T	0.00844647	-0.00278674	rs4737021
Height	BE	rs1885241	G	G	-0.0296831	0.010835	NA
Height	BE	rs1897870	T	T	-0.0197907	0.0077269	NA
Height	BE	rs1982429	C	C	-0.00904349	0.00754994	rs13127292

Height	BE	rs2000669	T	T	0.0133432	-0.030478	NA
Height	BE	rs2011981	T	T	-0.0397965	-0.0389764	rs578348
Height	BE	rs2013265	T	T	-0.0282677	-0.0186009	NA
Height	BE	rs2032588	A	A	0.0276486	-0.0460085	NA
Height	BE	rs2070647	G	G	0.0123432	0.0189481	rs2243490
Height	BE	rs2070776	G	G	0.041822	-0.0245737	NA
Height	BE	rs2072346	T	T	0.0226637	0.0102284	NA
Height	BE	rs2072559	G	G	-0.0203561	-0.0214032	rs10861681
Height	BE	rs2076397	C	C	0.0219701	0.0376396	NA
Height	BE	rs2110748	A	A	-0.0409998	0.0508287	rs10185962
Height	BE	rs2163832	C	C	-0.0237178	-0.0203455	rs3859514
Height	BE	rs2166898	A	A	-0.0304561	-0.0337724	NA
Height	BE	rs2169323	A	A	0.0101938	0.0103922	NA
Height	BE	rs2208651	A	A	0.0168875	-0.0055757	NA
Height	BE	rs2221628	A	A	0.0228815	0.0150365	NA
Height	BE	rs2229080	G	G	-0.00868808	-0.00475946	NA
Height	BE	rs2230033	A	A	-0.0247895	0.0123725	NA
Height	BE	rs2230398	C	C	-0.0253517	0.000527437	rs3807947
Height	BE	rs2230491	T	T	-0.0157936	0.00817177	NA
Height	BE	rs2231928	G	G	0.0109695	0.0327383	NA
Height	BE	rs2234693	C	C	0.0300461	-0.0153857	NA
Height	BE	rs2236084	G	G	-0.0227264	0.0260393	NA
Height	BE	rs2237886	T	T	0.0480784	-0.000809151	NA
Height	BE	rs2247341	A	A	0.0246613	0.00482562	NA
Height	BE	rs2270571	T	T	0.0114636	-0.00308226	NA
Height	BE	rs2274432	A	A	0.0437053	-0.0287377	NA
Height	BE	rs2276749	C	C	0.035044	0.000638039	NA
Height	BE	rs2279008	C	C	-0.0222641	0.0119844	NA
Height	BE	rs228289	G	G	-0.0222097	-0.0147647	NA

Height	BE	rs2286983	A	A	0.0103745	-0.0349893	NA
Height	BE	rs2287326	G	G	-0.0307605	0.0192127	NA
Height	BE	rs2289125	C	C	0.014712	0.0147746	rs2289123
Height	BE	rs2289195	A	A	0.0349421	0.00577289	NA
Height	BE	rs2290154	C	C	-0.0201438	-0.0237526	NA
Height	BE	rs2291725	C	C	-0.0283493	0.0191921	NA
Height	BE	rs2291813	T	T	0.029565	-0.00881464	NA
Height	BE	rs2292553	A	A	0.022544	0.00933303	rs7559525
Height	BE	rs229624	A	A	0.0116271	-0.0107566	NA
Height	BE	rs2302580	T	T	-0.0240798	0.0380288	NA
Height	BE	rs2303580	T	T	0.0123415	-0.00200152	NA
Height	BE	rs2303596	C	C	-0.0164057	-0.00223706	NA
Height	BE	rs2304300	A	A	0.0132684	-0.0397337	rs7813520
Height	BE	rs2306862	T	T	-0.0280436	0.0557602	NA
Height	BE	rs2323034	A	A	0.0137417	-0.00192928	rs7751048
Height	BE	rs2326430	A	A	0.0119347	-0.0180037	rs7846263
Height	BE	rs2339687	G	G	-0.0193208	-0.0411049	NA
Height	BE	rs2362460	C	C	0.0094459	0.00677223	NA
Height	BE	rs2399510	A	A	-0.0333694	0.016312	NA
Height	BE	rs2401	C	C	0.0239984	-0.0208612	NA
Height	BE	rs2411993	C	C	0.0185483	-0.0107574	rs8022528
Height	BE	rs2420599	G	G	0.0122439	0.0151562	rs7789768
Height	BE	rs2514841	T	T	0.0107319	0.0332885	NA
Height	BE	rs25415	G	G	-0.00961622	0.0297011	NA
Height	BE	rs2585405	G	G	0.0253716	0.0171376	rs1061032
Height	BE	rs2597513	T	T	-0.0374372	-0.0248467	NA
Height	BE	rs2599459	G	G	0.0216505	-0.00122831	rs3213285
Height	BE	rs2602730	A	A	-0.0216978	0.0154553	rs2602731
Height	BE	rs2609334	C	C	-0.0276567	0.00200457	NA

Height	BE	rs2609976	T	T	0.015337	-0.0313492	NA
Height	BE	rs261532	T	T	0.0191187	-0.0263471	NA
Height	BE	rs263526	C	C	0.016296	-0.0115113	NA
Height	BE	rs2640511	G	G	0.00887563	-0.00775804	rs6580803
Height	BE	rs264665	C	C	0.0100783	0.00354188	NA
Height	BE	rs267731	G	G	-0.0334837	0.0600251	NA
Height	BE	rs2732751	G	G	-0.0139243	0.0158941	rs2159579
Height	BE	rs273945	C	C	0.0166944	0.0193842	NA
Height	BE	rs274723	G	G	-0.0138443	-0.0102001	rs274713
Height	BE	rs2755237	C	C	-0.0221594	0.0150004	NA
Height	BE	rs2770928	T	T	0.0295095	0.000106368	rs1199735
Height	BE	rs2780991	G	G	-0.0115559	0.00989589	NA
Height	BE	rs2787600	G	G	0.00950939	-0.0264784	rs2787602
Height	BE	rs2788271	G	G	-0.0135754	0.0241655	NA
Height	BE	rs2812238	C	C	-0.0233711	0.0111746	NA
Height	BE	rs2823559	G	G	-0.0177686	0.00953438	rs7282765
Height	BE	rs282522	G	G	0.0210638	-0.0376476	rs4681994
Height	BE	rs2830585	T	T	-0.0173874	-0.0149459	NA
Height	BE	rs2834456	A	A	0.0209188	0.000760157	NA
Height	BE	rs284660	T	T	-0.0264835	0.014396	NA
Height	BE	rs28551714	A	A	0.0116412	-0.00499219	rs13107115
Height	BE	rs2856321	A	A	-0.0282205	-0.0108665	NA
Height	BE	rs2871579	A	A	0.0139076	0.0471591	rs7587318
Height	BE	rs2903353	G	G	0.0363973	-0.0115167	NA
Height	BE	rs2986551	T	T	-0.0117721	-0.00847941	NA
Height	BE	rs299364	G	G	-0.0277706	-0.00183933	NA
Height	BE	rs2994329	T	T	0.0153231	0.00671404	NA
Height	BE	rs300982	A	A	-0.0281361	0.0276552	NA
Height	BE	rs3011895	A	A	-0.0161599	0.0263583	NA

Height	BE	rs3020407	A	A	-0.0158223	-0.00340534	NA
Height	BE	rs3118905	A	A	-0.0495846	0.0503771	NA
Height	BE	rs3133078	A	A	0.00888225	-0.00303457	rs2658535
Height	BE	rs314450	G	G	-0.00984395	0.0080173	NA
Height	BE	rs3172417	T	T	0.0111534	-0.00264994	NA
Height	BE	rs3188055	G	G	0.0157111	0.0103591	NA
Height	BE	rs332186	G	G	-0.0215567	-0.00278418	rs332189
Height	BE	rs33912345	A	A	-0.0387203	0.032479	rs2351174
Height	BE	rs34209642	A	A	-0.0133982	0.0232121	rs7703879
Height	BE	rs34558821	T	T	0.0184094	0.00745621	rs6843340
Height	BE	rs34604874	A	A	-0.0227887	-0.0218543	rs13258507
Height	BE	rs35028046	T	T	0.00995281	0.000538649	rs17103267
Height	BE	rs351376	G	G	-0.0152144	0.00383242	NA
Height	BE	rs353787	A	A	0.0240145	0.0233671	NA
Height	BE	rs35463563	A	A	-0.0118102	0.035018	rs1808141
Height	BE	rs35593191	C	C	0.013813	0.0162738	rs1881942
Height	BE	rs35629341	C	C	-0.0114161	0.00230044	rs7779670
Height	BE	rs3730474	C	C	0.0110005	0.0263904	NA
Height	BE	rs3731673	A	A	0.00955785	0.027118	NA
Height	BE	rs3732474	A	A	-0.0120463	0.014888	NA
Height	BE	rs3733526	A	A	-0.010874	0.0304656	NA
Height	BE	rs3741798	T	T	0.0149789	-0.0465044	NA
Height	BE	rs3742500	T	T	-0.0106681	-0.0234805	NA
Height	BE	rs3743372	T	T	0.0119371	0.000274262	NA
Height	BE	rs3763631	G	G	-0.0156074	-0.0029213	NA
Height	BE	rs3765351	T	T	-0.0164119	0.0611856	NA
Height	BE	rs3791679	G	G	-0.0660137	-0.0330729	NA
Height	BE	rs3795948	C	C	0.0284457	-0.00242414	NA
Height	BE	rs3804664	A	A	0.0124585	0.00392697	NA

Height	BE	rs3805599	G	G	0.0254949	-0.0413013	NA
Height	BE	rs3808909	A	A	0.00950914	0.00380962	NA
Height	BE	rs3814828	G	G	-0.0158173	0.00893657	rs1043542
Height	BE	rs3849688	G	G	0.0274014	-0.0127079	rs10040884
Height	BE	rs3868143	C	C	-0.0355317	-0.044179	NA
Height	BE	rs3929051	T	T	0.0221194	0.0256564	NA
Height	BE	rs4078978	T	T	-0.0303721	0.0482767	NA
Height	BE	rs42039	T	T	0.0602836	-0.0184269	NA
Height	BE	rs4246079	G	G	0.0303615	-0.0445159	NA
Height	BE	rs4252717	C	C	0.010572	0.0263633	NA
Height	BE	rs4256170	A	A	0.0964521	-0.0455418	NA
Height	BE	rs4282339	A	A	-0.0346632	0.00573048	NA
Height	BE	rs434818	A	A	0.0146426	-0.0235574	NA
Height	BE	rs4369779	C	C	0.0688603	-0.00224093	NA
Height	BE	rs4401680	G	G	0.0139899	0.00128482	NA
Height	BE	rs4489137	A	A	-0.0114589	0.00299155	rs9363639
Height	BE	rs45480992	C	C	0.0218132	-0.0581102	rs175886
Height	BE	rs4593211	G	G	0.0194038	-0.0192594	rs17583662
Height	BE	rs4614675	C	C	0.013182	-0.0214663	NA
Height	BE	rs4649056	A	A	0.0159953	-0.0109415	rs7520145
Height	BE	rs4699385	G	G	0.0142782	-0.033871	NA
Height	BE	rs4700931	C	C	0.0177764	-0.0341363	NA
Height	BE	rs4717829	T	T	-0.024926	0.0360502	NA
Height	BE	rs4733895	T	T	-0.010557	-0.00609594	NA
Height	BE	rs4747478	G	G	0.0145861	-0.00650348	NA
Height	BE	rs4751107	T	T	-0.0144481	-0.0105916	rs10829610
Height	BE	rs4757268	G	G	-0.016829	-0.0124859	NA
Height	BE	rs4766821	A	A	0.0239667	-0.0209951	NA
Height	BE	rs4788815	T	T	-0.0137814	-0.0189085	NA

Height	BE	rs4794665	G	G	-0.0268276	0.00480824	NA
Height	BE	rs4808737	T	T	-0.0174573	0.000487334	NA
Height	BE	rs4811023	G	G	0.0100969	-0.0179315	NA
Height	BE	rs4814656	A	A	-0.0149071	-0.0141042	rs4814658
Height	BE	rs483547	T	T	0.0127235	-0.00898421	NA
Height	BE	rs4842838	T	T	0.0498026	0.0173048	NA
Height	BE	rs4881112	T	T	-0.00874967	-0.0136847	NA
Height	BE	rs4944052	C	C	0.0130389	0.0182936	rs11236173
Height	BE	rs4962683	T	T	0.0205591	0.0173474	NA
Height	BE	rs4965598	T	T	-0.027377	-0.00569957	NA
Height	BE	rs4969471	G	G	0.0194803	0.0161754	rs4077074
Height	BE	rs4980826	A	A	0.0258971	-0.0215992	NA
Height	BE	rs4986172	T	T	-0.0297049	0.0356475	NA
Height	BE	rs5030755	G	G	0.0147982	0.00770912	NA
Height	BE	rs513043	G	G	0.0241928	-0.0407328	rs505058
Height	BE	rs520161	C	C	-0.046272	-0.0189412	rs508347
Height	BE	rs540652	T	T	0.0233006	-0.026896	NA
Height	BE	rs553951	C	C	0.0178517	-0.0227719	NA
Height	BE	rs55667100	G	G	-0.0120089	-0.0063484	rs16886236
Height	BE	rs55814436	T	T	-0.0138998	-0.00892224	rs12491930
Height	BE	rs56206307	A	A	0.00871859	-0.00730341	rs1154999
Height	BE	rs56286965	A	A	-0.0267353	0.00350073	rs12563523
Height	BE	rs56344540	T	T	0.0264299	-0.0652748	rs17788230
Height	BE	rs563875	C	C	0.00995721	-2.52E-05	rs11934855
Height	BE	rs573909	A	A	-0.0156055	0.0203288	rs7985150
Height	BE	rs5745297	A	A	-0.0174821	0.035882	NA
Height	BE	rs584961	G	G	-0.0506007	-0.0435485	NA
Height	BE	rs58968052	C	C	0.0170045	0.0180091	rs7256654
Height	BE	rs592060	T	T	0.0198706	-0.0128517	NA

Height	BE	rs6010778	C	C	0.0135454	0.00452733	NA
Height	BE	rs60131767	A	A	0.0126145	0.0225433	rs2030146
Height	BE	rs60542959	T	T	0.0371587	-0.00779173	rs2306693
Height	BE	rs6082354	C	C	-0.0189313	-0.0317413	rs6047319
Height	BE	rs60884807	C	C	-0.0144883	0.0086396	rs1045147
Height	BE	rs60964243	C	C	-0.0142598	0.0186351	rs2861630
Height	BE	rs61744510	A	A	-0.030766	-0.0270075	rs17331388
Height	BE	rs6180	C	C	-0.0232233	0.0273036	NA
Height	BE	rs61916657	A	A	-0.0103786	-0.0149432	rs2279018
Height	BE	rs61921506	T	T	0.0150861	-0.036026	rs1318815
Height	BE	rs62022525	T	T	0.0217335	-0.00719211	rs12900736
Height	BE	rs62125962	G	G	0.0232527	0.00964733	rs12982509
Height	BE	rs62273902	G	G	-0.0288926	0.00595857	rs17442045
Height	BE	rs624070	C	C	0.0146279	0.0125486	rs486304
Height	BE	rs6433973	T	T	-0.0126324	0.0139318	rs1560374
Height	BE	rs6469835	G	G	0.0233088	-0.0312699	NA
Height	BE	rs6470764	T	T	-0.0477809	-0.00864725	NA
Height	BE	rs6471906	A	A	0.0218803	0.0220984	NA
Height	BE	rs6482467	G	G	0.0117405	0.00937035	NA
Height	BE	rs6540964	T	T	-0.0182649	0.00544229	rs1148480
Height	BE	rs6544746	A	A	-0.0266455	0.03729	NA
Height	BE	rs6562757	A	A	0.0135293	-0.020742	NA
Height	BE	rs6570507	A	A	-0.0533827	0.049856	NA
Height	BE	rs6585827	A	A	0.0217055	0.00965564	NA
Height	BE	rs6601014	C	C	-0.0167877	-0.0223497	NA
Height	BE	rs6650671	G	G	0.0113826	-0.0194014	rs1460511
Height	BE	rs6666334	T	T	0.0141211	0.0116929	rs6656673
Height	BE	rs66705636	G	G	0.0171255	-0.000775385	rs16887114
Height	BE	rs6684205	G	G	0.0357665	-0.0119798	NA

Height	BE	rs67011406	T	T	-0.0115884	0.0141706	rs17039713
Height	BE	rs670318	C	C	0.0249926	-0.0557917	NA
Height	BE	rs6714546	G	G	0.0301285	0.00639229	NA
Height	BE	rs6764459	T	T	0.0206952	0.00134187	rs9836433
Height	BE	rs6765930	G	G	0.0384845	-0.0323524	NA
Height	BE	rs6766744	T	T	-0.0107606	-0.0333208	rs9985266
Height	BE	rs67751243	A	A	-0.0156886	-0.0251388	rs10101476
Height	BE	rs678376	G	G	0.0143528	-0.00388146	NA
Height	BE	rs6786420	T	T	-0.0151707	0.0172917	NA
Height	BE	rs6792408	A	A	-0.0323106	-0.02655	NA
Height	BE	rs6830062	C	C	-0.0743515	0.0574267	NA
Height	BE	rs6832769	A	A	0.0128314	-0.0133389	NA
Height	BE	rs683503	T	T	0.0114438	-0.0104389	NA
Height	BE	rs6866190	G	G	0.0187456	-0.020813	NA
Height	BE	rs6877743	C	C	-0.0090036	0.00600524	NA
Height	BE	rs690528	G	G	0.0156992	-0.0194232	rs1327996
Height	BE	rs6923431	C	C	0.0194605	-0.0225685	rs11154483
Height	BE	rs6957470	G	G	0.0146364	0.036853	rs11978068
Height	BE	rs7003319	C	C	0.0150205	0.0121746	NA
Height	BE	rs7021495	A	A	-0.0129343	0.00507131	NA
Height	BE	rs7076886	C	C	-0.0139218	0.00633069	NA
Height	BE	rs7079388	C	C	-0.0210445	0.00533035	NA
Height	BE	rs7089424	G	G	0.0144236	-0.00820873	NA
Height	BE	rs7105590	C	C	0.0139167	-0.0200027	NA
Height	BE	rs7131821	G	G	-0.0232139	0.0278472	rs7979370
Height	BE	rs7137504	T	T	-0.0142033	0.01725	NA
Height	BE	rs7150628	T	T	0.0163339	-0.0351266	NA
Height	BE	rs7175303	A	A	-0.0189546	-0.0412217	rs2170625
Height	BE	rs7178347	C	C	-0.0112909	0.00188546	NA

Height	BE	rs7178424	T	T	-0.0193797	0.00782101	NA
Height	BE	rs7221974	G	G	-0.0187885	0.0187667	NA
Height	BE	rs7223297	C	C	0.0206452	0.0402249	rs7209111
Height	BE	rs723149	G	G	-0.0233993	-0.00285867	NA
Height	BE	rs7259761	A	A	0.0162869	-0.0430995	NA
Height	BE	rs7261425	G	G	-0.0153204	-0.00962948	NA
Height	BE	rs72634327	G	G	-0.0141052	-0.037458	rs11664
Height	BE	rs7274811	T	T	-0.038377	-0.00145727	NA
Height	BE	rs72752151	C	C	0.012475	0.0103697	rs1888637
Height	BE	rs72800433	C	C	0.0245874	-0.028423	rs4921010
Height	BE	rs72836800	C	C	0.0192356	-0.0621705	rs2569881
Height	BE	rs72911393	T	T	-0.0160134	-0.0182525	rs12453219
Height	BE	rs7299667	A	A	-0.0172659	-0.0133953	rs11116983
Height	BE	rs7319045	G	G	-0.0276746	0.00128736	NA
Height	BE	rs73238195	C	C	0.0140195	-0.0307529	rs2229032
Height	BE	rs73995748	A	A	-0.0195608	-0.00548564	rs6748986
Height	BE	rs740026	A	A	0.0182007	-0.028227	NA
Height	BE	rs7403118	T	T	-0.0271579	0.00812489	rs10220738
Height	BE	rs744563	G	G	0.0299308	0.00839174	NA
Height	BE	rs74475305	C	C	-0.0289319	0.0231816	rs10492237
Height	BE	rs7466269	G	G	-0.0304527	-0.00668909	NA
Height	BE	rs7520065	G	G	0.0107839	0.0230835	rs6689960
Height	BE	rs754532	A	A	0.0149305	-0.00846644	NA
Height	BE	rs7555017	G	G	-0.0485623	-0.0185862	NA
Height	BE	rs7570580	A	A	0.0136357	-0.0275389	rs6738747
Height	BE	rs7585413	G	G	-0.0125084	0.0105692	rs6546572
Height	BE	rs76181418	T	T	0.0167873	-0.0184898	rs13245899
Height	BE	rs7622799	A	A	0.0155666	-0.0167479	NA
Height	BE	rs76604529	A	A	0.0145165	0.0117265	rs4761553

Height	BE	rs76713834	C	C	0.0392549	-0.00261394	rs7268225
Height	BE	rs7689420	C	C	0.0811325	-0.0131906	NA
Height	BE	rs7697556	C	C	-0.0307738	-0.0255206	NA
Height	BE	rs7730136	T	T	0.0113816	-0.0204313	NA
Height	BE	rs7732038	C	C	-0.0221444	0.00797614	rs7717406
Height	BE	rs7749357	G	G	0.0155132	-0.0148133	NA
Height	BE	rs7759938	T	T	-0.0464608	0.0215526	NA
Height	BE	rs77686972	A	A	0.0168671	0.0185255	rs4581549
Height	BE	rs7790246	T	T	0.0110579	0.00934853	NA
Height	BE	rs7808966	C	C	-0.0104193	-0.00303777	NA
Height	BE	rs781658	A	A	0.0336083	0.0253192	rs781663
Height	BE	rs7825742	C	C	-0.0171287	0.023299	NA
Height	BE	rs7846385	C	C	0.0355864	0.0104235	NA
Height	BE	rs7869550	G	G	-0.0398017	0.0349627	NA
Height	BE	rs791314	C	C	0.0144126	-0.00375218	NA
Height	BE	rs79215950	A	A	-0.0118103	-0.0127098	rs2215614
Height	BE	rs794016	T	T	0.0254961	-0.00191329	NA
Height	BE	rs7945071	T	T	0.0136929	0.0224838	NA
Height	BE	rs7947357	G	G	-0.0108428	0.0173061	NA
Height	BE	rs7979636	G	G	0.023036	0.00859347	NA
Height	BE	rs798488	C	C	-0.0565342	-0.0153831	NA
Height	BE	rs7993139	G	G	-0.0112723	0.00503899	rs2874916
Height	BE	rs7997559	G	G	-0.0166604	0.00432135	rs7336104
Height	BE	rs8013827	G	G	0.0153987	0.00302454	NA
Height	BE	rs806100	C	C	-0.0139416	-0.00591043	NA
Height	BE	rs8094859	T	T	0.0135606	0.000998609	NA
Height	BE	rs822552	G	G	0.0346727	2.97E-05	NA
Height	BE	rs839239	T	T	-0.0178262	0.040243	NA
Height	BE	rs840464	T	T	-0.0098721	0.00505493	NA

Height	BE	rs844245	T	T	-0.00997957	-0.00353182	rs831450
Height	BE	rs860457	C	C	0.0135179	0.0266641	NA
Height	BE	rs862049	T	T	0.0284362	-0.00809285	NA
Height	BE	rs865923	C	C	-0.0174314	0.00754025	NA
Height	BE	rs871014	C	C	-0.0152313	0.0130163	NA
Height	BE	rs880671	A	A	0.0160497	-0.0198746	NA
Height	BE	rs894358	G	G	-0.0354194	0.00277002	NA
Height	BE	rs9217	C	C	0.0327218	-0.0223802	NA
Height	BE	rs9296558	T	T	0.0157066	-0.0214752	NA
Height	BE	rs9309037	T	T	-0.0117581	0.0342067	NA
Height	BE	rs9360921	G	G	0.0387839	-0.021928	NA
Height	BE	rs9379084	A	A	-0.0420195	0.0436087	NA
Height	BE	rs939105	T	T	0.0208311	0.0473648	NA
Height	BE	rs9395066	C	C	0.0222241	-0.0122199	NA
Height	BE	rs9397587	A	A	-0.0082964	0.0233879	NA
Height	BE	rs9427094	T	T	-0.0120723	0.000162493	NA
Height	BE	rs943991	T	T	0.0204552	-0.0386006	NA
Height	BE	rs9534996	A	A	0.0137905	-0.0478812	NA
Height	BE	rs9549356	G	G	0.013498	0.012728	rs4907598
Height	BE	rs955748	G	G	0.0223584	0.00809838	NA
Height	BE	rs9566168	C	C	0.0120204	0.00109524	NA
Height	BE	rs9650315	T	T	-0.0591853	-0.0265207	NA
Height	BE	rs9669404	A	A	0.0211394	0.0109514	NA
Height	BE	rs9820765	A	A	0.0123948	1.40E-05	NA
Height	BE	rs9843296	C	C	0.0247824	-0.05699	NA
Height	BE	rs9844739	A	A	-0.0132475	0.0115851	NA
Height	BE	rs990013	G	G	-0.0139087	-0.0214011	rs12893199
Height	BE	rs994014	C	C	0.0440273	-0.00226339	NA
Height	BE	rs9969804	C	C	-0.022469	0.00617053	NA

Height	BE	rs997915	T	T	0.0155184	-0.0286874	NA
Height	BE	rs9989017	T	T	0.0196275	-0.0270184	rs10843390
Height	EA	rs1001785	A	A	-0.0263342	-0.1613	NA
Height	EA	rs10036895	A	A	0.0155472	0.0146	NA
Height	EA	rs10037485	T	T	-0.0160439	-0.0138	NA
Height	EA	rs10087788	A	A	0.0116855	0.0735	NA
Height	EA	rs10100216	T	T	-0.0213822	0.0233	NA
Height	EA	rs10128711	C	C	-0.0211193	0.0348	NA
Height	EA	rs10142206	G	G	-0.0199676	-0.0333	NA
Height	EA	rs1017942	G	G	-0.0155115	-0.0199	NA
Height	EA	rs10235232	G	G	0.0150931	-0.0252	NA
Height	EA	rs10241199	T	T	0.0233586	0.0088	NA
Height	EA	rs10242685	C	C	0.0150426	-0.0419	NA
Height	EA	rs10248619	C	C	-0.0145417	-0.0553	NA
Height	EA	rs10431570	C	C	0.0234305	0.0355	NA
Height	EA	rs10502879	T	T	0.00910199	-0.0273	NA
Height	EA	rs10507170	A	A	0.0160148	-0.0039	NA
Height	EA	rs10510567	C	C	0.0145557	0.0111	NA
Height	EA	rs1063582	G	G	-0.0276528	-0.0196	NA
Height	EA	rs1065324	A	A	0.0171647	-0.0144	NA
Height	EA	rs10739971	A	A	-0.0198204	-0.0143	NA
Height	EA	rs10755086	C	C	-0.0128724	0.0129	NA
Height	EA	rs10766391	G	G	-0.0121115	0.0153	NA
Height	EA	rs1076710	G	G	0.0117356	0.04	NA
Height	EA	rs10770705	C	C	-0.0206356	-0.009	NA
Height	EA	rs10787959	G	G	-0.023035	0.0335	NA
Height	EA	rs1080594	C	C	-0.0128636	-0.0239	NA
Height	EA	rs10823229	G	G	0.0220626	-0.072	NA
Height	EA	rs10835757	A	A	0.00896309	-0.0321	NA

Height	EA	rs10836404	G	G	0.0121579	0.0032	NA
Height	EA	rs10840195	A	A	-0.011345	-0.0129	NA
Height	EA	rs10846657	A	A	-0.0269951	0.0303	NA
Height	EA	rs10853488	C	C	-0.0184235	0.0262	NA
Height	EA	rs10867779	C	C	-0.0126534	-0.0153	NA
Height	EA	rs10872303	T	T	0.00863294	-0.022	NA
Height	EA	rs10874746	C	C	0.0202969	0.0048	NA
Height	EA	rs10900520	G	G	0.0144258	-0.0065	NA
Height	EA	rs10916208	C	C	-0.0368539	0.0971	NA
Height	EA	rs10962540	C	C	0.0250196	-0.0138	NA
Height	EA	rs11063069	G	G	-0.0120593	0.0067	NA
Height	EA	rs11067228	G	G	0.00904264	0.0183	NA
Height	EA	rs11080616	A	A	-0.0121382	-0.0199	NA
Height	EA	rs11090631	T	T	0.0238845	-0.0077	NA
Height	EA	rs11107116	T	T	0.052108	-0.0259	NA
Height	EA	rs11126046	A	A	-0.00989858	8.00E-04	NA
Height	EA	rs11129744	A	A	-0.0105256	0.0173	NA
Height	EA	rs11135743	G	G	-0.0133991	-0.0418	NA
Height	EA	rs111510951	G	G	-0.0172968	-0.0749	NA
Height	EA	rs111588693	A	A	0.0394893	0.0063	NA
Height	EA	rs11161724	A	A	-0.0175361	0.0218	NA
Height	EA	rs11167487	C	C	0.0166702	0.0275	NA
Height	EA	rs112035922	T	T	-0.0254854	-0.0182	NA
Height	EA	rs11205303	C	C	0.0460153	-0.0179	NA
Height	EA	rs11224683	T	T	-0.0108485	-0.0149	NA
Height	EA	rs112309350	T	T	0.0222969	0.1323	NA
Height	EA	rs11238393	T	T	0.016694	-8.00E-04	NA
Height	EA	rs113595815	G	G	-0.029453	-0.028	NA
Height	EA	rs113898003	C	C	-0.0408633	-0.0362	NA

Height	EA	rs1140239	T	T	0.0212934	0.0227	NA
Height	EA	rs114531920	G	G	-0.0280174	0.0774	NA
Height	EA	rs114693875	G	G	-0.0199819	-0.0951	NA
Height	EA	rs1147504	A	A	-0.00943419	0.0138	NA
Height	EA	rs114925571	G	G	0.0260017	0.0077	NA
Height	EA	rs11557049	T	T	-0.019317	0.1954	NA
Height	EA	rs11575580	T	T	-0.0395409	-0.1338	NA
Height	EA	rs11580093	C	C	-0.0232489	0.0184	NA
Height	EA	rs11584980	T	T	-0.0212168	-0.0191	NA
Height	EA	rs1159442	C	C	-0.0197187	-0.0055	NA
Height	EA	rs1159915	G	G	-0.0272204	-0.0163	NA
Height	EA	rs11637639	T	T	-0.0356657	0.0546	NA
Height	EA	rs11655330	C	C	-0.0207872	-0.0109	NA
Height	EA	rs116662954	A	A	-0.0669719	-0.1012	NA
Height	EA	rs116664220	G	G	-0.0397121	0.0041	NA
Height	EA	rs116731485	C	C	0.0507885	-0.1818	NA
Height	EA	rs116804470	A	A	0.0182505	0.0949	NA
Height	EA	rs116807401	C	C	0.0388096	0.3314	NA
Height	EA	rs11683203	T	T	-0.00993029	0.0111	NA
Height	EA	rs11692304	A	A	0.0127453	-0.0142	NA
Height	EA	rs11698104	A	A	-0.0162797	-0.0065	NA
Height	EA	rs11722554	A	A	-0.0430951	0.0661	NA
Height	EA	rs11725126	T	T	-0.0101208	0.0362	NA
Height	EA	rs1173727	C	C	-0.0363219	0.0405	NA
Height	EA	rs11750246	A	A	0.0147871	-0.0322	NA
Height	EA	rs117564322	A	A	-0.0370475	-0.0027	NA
Height	EA	rs11762106	C	C	-0.0279652	-0.016	NA
Height	EA	rs11780194	T	T	0.00817915	0.008	NA
Height	EA	rs11782890	C	C	-0.0232802	0.0604	NA

Height	EA	rs11795150	G	G	0.00972749	0.0273	NA
Height	EA	rs117972846	G	G	0.0336623	0.0199	NA
Height	EA	rs11884849	C	C	0.0159537	0.1267	NA
Height	EA	rs11917	A	A	0.00942053	0.0029	NA
Height	EA	rs11949055	C	C	0.0343147	0.0114	NA
Height	EA	rs12049572	C	C	-0.0216175	-0.0129	NA
Height	EA	rs12051048	A	A	0.0344973	0.013	NA
Height	EA	rs12095997	T	T	0.044028	0.0428	NA
Height	EA	rs12117131	T	T	-0.0182546	0.006	NA
Height	EA	rs12145922	A	A	0.0253332	-0.0095	NA
Height	EA	rs12196141	G	G	0.0211794	0.0294	NA
Height	EA	rs12328732	T	T	0.0321909	0.0722	NA
Height	EA	rs12348423	C	C	-0.0176179	0.0371	NA
Height	EA	rs12352132	G	G	0.0106566	0.0763	NA
Height	EA	rs12425125	T	T	0.0229444	0.0074	NA
Height	EA	rs12448489	A	A	0.0202291	0.0083	NA
Height	EA	rs12464687	G	G	-0.0374763	-0.087	NA
Height	EA	rs12481997	A	A	-0.00936054	0.0024	NA
Height	EA	rs12522256	A	A	0.0100891	0.0588	NA
Height	EA	rs12537	T	T	0.016678	-0.0288	NA
Height	EA	rs12552167	T	T	0.0213485	0.0032	NA
Height	EA	rs12569041	A	A	0.0190582	0.035	NA
Height	EA	rs12622262	G	G	-0.0094213	0.0042	NA
Height	EA	rs12648093	G	G	-0.0186162	0.0329	NA
Height	EA	rs12698854	T	T	-0.0148697	-0.0215	NA
Height	EA	rs12699935	T	T	-0.0107393	-0.0022	NA
Height	EA	rs1283208	G	G	-0.0103348	0.0304	NA
Height	EA	rs12937634	C	C	-0.0201094	-0.0268	NA
Height	EA	rs13017382	C	C	0.0201819	1.00E-04	NA

Height	EA	rs13053084	A	A	-0.0160185	0.0168	NA
Height	EA	rs13070310	T	T	-0.0186576	-0.0424	NA
Height	EA	rs13112752	T	T	-0.0123488	-0.0209	NA
Height	EA	rs13131514	G	G	0.0101769	-0.0587	NA
Height	EA	rs13179048	A	A	0.0142543	-0.0047	NA
Height	EA	rs13197404	G	G	0.0391549	-0.0089	NA
Height	EA	rs13219845	G	G	-0.0291144	-0.0014	NA
Height	EA	rs1323339	T	T	0.0124537	0.0351	NA
Height	EA	rs1325598	G	G	0.0268585	-0.0135	NA
Height	EA	rs13274301	C	C	-0.0200368	-0.068	NA
Height	EA	rs13334376	A	A	0.0130836	-0.0482	NA
Height	EA	rs1344047	A	A	0.0123969	-0.0256	NA
Height	EA	rs1360157	A	A	0.0130295	-0.0082	NA
Height	EA	rs1363061	A	A	-0.0190008	0.0541	NA
Height	EA	rs1366594	C	C	-0.0254391	-0.013	NA
Height	EA	rs1401597	G	G	0.0117999	-0.066	NA
Height	EA	rs1409353	A	A	0.0174197	-0.0204	NA
Height	EA	rs143384	G	G	0.078647	-0.0523	NA
Height	EA	rs1463597	G	G	-0.0285313	-0.0329	NA
Height	EA	rs1468758	T	T	-0.0198784	0.0215	NA
Height	EA	rs147110934	T	T	-0.088127	-0.0551	NA
Height	EA	rs1490384	T	T	0.0424878	-0.0177	NA
Height	EA	rs149380977	C	C	-0.0709882	-0.0218	NA
Height	EA	rs1496437	A	A	0.00934987	0.0013	NA
Height	EA	rs149870557	T	T	0.0453006	0.0126	NA
Height	EA	rs1511550	A	A	-0.0380129	-0.0156	NA
Height	EA	rs1524068	C	C	0.0202053	-0.0011	NA
Height	EA	rs1574220	C	C	0.0296332	-0.0637	NA
Height	EA	rs1659127	A	A	0.0225843	-0.0247	NA

Height	EA	rs16824590	A	A	-0.020775	0.0217	NA
Height	EA	rs16827168	G	G	0.0317344	0.1329	NA
Height	EA	rs16844126	C	C	0.04434	-0.0647	NA
Height	EA	rs16864268	G	G	-0.0105985	0.0155	NA
Height	EA	rs16865925	C	C	0.013636	0.0566	NA
Height	EA	rs16869529	T	T	-0.0209799	0.0059	NA
Height	EA	rs16930370	C	C	0.0177619	0.0204	NA
Height	EA	rs16932959	G	G	-0.044777	0.0779	NA
Height	EA	rs16939007	C	C	-0.0285064	0.0016	NA
Height	EA	rs16942324	A	A	-0.125948	0.0449	NA
Height	EA	rs16964211	A	A	-0.0494458	0.033	NA
Height	EA	rs17038164	C	C	-0.0400845	0.0174	NA
Height	EA	rs17050272	A	A	-0.00978632	0.0052	NA
Height	EA	rs17101804	G	G	-0.0271941	-0.0129	NA
Height	EA	rs17106529	C	C	-0.0223485	-0.0016	NA
Height	EA	rs17117784	C	C	-0.0137432	0.0403	NA
Height	EA	rs17128489	C	C	0.0196392	-0.0763	NA
Height	EA	rs17222010	G	G	-0.0191204	-0.0025	NA
Height	EA	rs17261915	C	C	-0.0250027	-0.0388	NA
Height	EA	rs17266595	A	A	0.0225736	0.0187	NA
Height	EA	rs17272847	A	A	-0.0152994	-0.0387	NA
Height	EA	rs17369123	T	T	0.0245795	-0.0079	NA
Height	EA	rs17400325	C	C	0.0511175	-0.0076	NA
Height	EA	rs1741344	T	T	-0.0250321	0.0476	NA
Height	EA	rs174549	A	A	-0.0156135	0.0256	NA
Height	EA	rs17535326	C	C	0.0179599	-0.0552	NA
Height	EA	rs17554723	G	G	-0.00896588	0.0056	NA
Height	EA	rs17575960	T	T	0.01115	-0.008	NA
Height	EA	rs17742246	G	G	0.0119552	-0.0158	NA

Height	EA	rs17778091	C	C	0.0162213	0.0227	NA
Height	EA	rs1805165	A	A	-0.0297805	0.0486	NA
Height	EA	rs1814982	C	C	-0.0171185	-0.0179	NA
Height	EA	rs185435	G	G	0.019801	0.0193	NA
Height	EA	rs1855078	C	C	0.0258584	0.0822	NA
Height	EA	rs1861925	T	T	0.00844647	-0.0098	NA
Height	EA	rs186606513	A	A	-0.0629447	0.1779	NA
Height	EA	rs188507692	A	A	-0.0506829	0.0545	NA
Height	EA	rs1885241	G	G	-0.0296831	0.0483	NA
Height	EA	rs1897870	T	T	-0.0197907	-0.0258	NA
Height	EA	rs1982429	C	C	-0.00904349	0.0066	NA
Height	EA	rs2000669	T	T	0.0133432	-0.0325	NA
Height	EA	rs2011077	T	T	0.0449804	-0.0346	NA
Height	EA	rs2013265	T	T	-0.0282677	-0.0026	NA
Height	EA	rs2032588	A	A	0.0276486	0.0488	NA
Height	EA	rs2070647	G	G	0.0123432	-0.0139	NA
Height	EA	rs2070776	G	G	0.041822	-0.0395	NA
Height	EA	rs2072346	T	T	0.0226637	0.0154	NA
Height	EA	rs2072559	G	G	-0.0203561	0.021	NA
Height	EA	rs2076397	C	C	0.0219701	-0.0231	NA
Height	EA	rs2110748	A	A	-0.0409998	-0.0437	NA
Height	EA	rs2163832	C	C	-0.0237178	0.0253	NA
Height	EA	rs2166898	A	A	-0.0304561	0.052	NA
Height	EA	rs2169323	A	A	0.0101938	0.0149	NA
Height	EA	rs2208651	A	A	0.0168875	-0.0489	NA
Height	EA	rs2221628	A	A	0.0228815	-0.0176	NA
Height	EA	rs2230033	A	A	-0.0247895	0.0327	NA
Height	EA	rs2230398	C	C	-0.0253517	0.0141	NA
Height	EA	rs2230491	T	T	-0.0157936	-0.0044	NA

Height	EA	rs2231928	G	G	0.0109695	0.0272	NA
Height	EA	rs2234693	C	C	0.0300461	0.0541	NA
Height	EA	rs2236084	G	G	-0.0227264	0.0353	NA
Height	EA	rs2236406	C	C	0.0417436	-0.0379	NA
Height	EA	rs2237886	T	T	0.0480784	0.062	NA
Height	EA	rs2247341	A	A	0.0246613	-0.0168	NA
Height	EA	rs2274432	A	A	0.0437053	-0.0437	NA
Height	EA	rs2276749	C	C	0.035044	-0.0435	NA
Height	EA	rs2279008	C	C	-0.0222641	0.0263	NA
Height	EA	rs228289	G	G	-0.0222097	0.0251	NA
Height	EA	rs2286983	A	A	0.0103745	0.0371	NA
Height	EA	rs2287326	G	G	-0.0307605	-0.0139	NA
Height	EA	rs2289125	C	C	0.014712	0.0379	NA
Height	EA	rs2289195	A	A	0.0349421	-0.0032	NA
Height	EA	rs2290154	C	C	-0.0201438	-0.0322	NA
Height	EA	rs2291725	C	C	-0.0283493	-0.0238	NA
Height	EA	rs2291813	T	T	0.029565	-0.0576	NA
Height	EA	rs2292553	A	A	0.022544	-0.0326	NA
Height	EA	rs229624	A	A	0.0116271	-0.0653	NA
Height	EA	rs2302580	T	T	-0.0240798	0.0069	NA
Height	EA	rs2303580	T	T	0.0123415	-0.0668	NA
Height	EA	rs2303596	C	C	-0.0164057	0.0053	NA
Height	EA	rs2304300	A	A	0.0132684	-0.0184	NA
Height	EA	rs2305073	C	C	0.0168964	-5.00E-04	NA
Height	EA	rs2306862	T	T	-0.0280436	-0.04	NA
Height	EA	rs2323034	A	A	0.0137417	0.0532	NA
Height	EA	rs2326430	A	A	0.0119347	-0.0029	NA
Height	EA	rs2339687	G	G	-0.0193208	0.0067	NA
Height	EA	rs2362460	C	C	0.0094459	0.027	NA

Height	EA	rs2399510	A	A	-0.0333694	0.02	NA
Height	EA	rs2401	C	C	0.0239984	-0.0172	NA
Height	EA	rs2411993	C	C	0.0185483	0.0107	NA
Height	EA	rs2420599	G	G	0.0122439	-0.0567	NA
Height	EA	rs2514841	T	T	0.0107319	0.0559	NA
Height	EA	rs25415	G	G	-0.00961622	0.0614	NA
Height	EA	rs2586252	A	A	-0.0131092	-0.0464	NA
Height	EA	rs2597513	T	T	-0.0374372	-0.0132	NA
Height	EA	rs2602730	A	A	-0.0216978	0.0502	NA
Height	EA	rs2609334	C	C	-0.0276567	0.0204	NA
Height	EA	rs2609383	A	A	-0.0128969	-0.0085	NA
Height	EA	rs2609976	T	T	0.015337	-0.036	NA
Height	EA	rs261532	T	T	0.0191187	0.0249	NA
Height	EA	rs263526	C	C	0.016296	-0.0024	NA
Height	EA	rs2635518	A	A	-0.0163253	-0.006	NA
Height	EA	rs264665	C	C	0.0100783	-0.0366	NA
Height	EA	rs267731	G	G	-0.0334837	-0.0341	NA
Height	EA	rs2732751	G	G	-0.0139243	0.0073	NA
Height	EA	rs273945	C	C	0.0166944	0.0032	NA
Height	EA	rs274723	G	G	-0.0138443	-0.0212	NA
Height	EA	rs2755237	C	C	-0.0221594	-0.0089	NA
Height	EA	rs2770928	T	T	0.0295095	0.0357	NA
Height	EA	rs2780991	G	G	-0.0115559	-0.0261	NA
Height	EA	rs2787600	G	G	0.00950939	-0.0267	NA
Height	EA	rs2788271	G	G	-0.0135754	0.0837	NA
Height	EA	rs2812238	C	C	-0.0233711	-0.06	NA
Height	EA	rs2823559	G	G	-0.0177686	0.0057	NA
Height	EA	rs282522	G	G	0.0210638	-0.0271	NA
Height	EA	rs2830585	T	T	-0.0173874	0.0177	NA

Height	EA	rs2834456	A	A	0.0209188	-0.0079	NA
Height	EA	rs284660	T	T	-0.0264835	0.0102	NA
Height	EA	rs28473477	G	G	-0.0221427	0.0011	NA
Height	EA	rs28551714	A	A	0.0116412	0.0221	NA
Height	EA	rs2856321	A	A	-0.0282205	-0.0122	NA
Height	EA	rs2871579	A	A	0.0139076	0.0144	NA
Height	EA	rs2883052	A	A	-0.0160109	0.0499	NA
Height	EA	rs28929474	T	T	0.133058	-0.1476	NA
Height	EA	rs2903353	G	G	0.0363973	-0.0055	NA
Height	EA	rs2986551	T	T	-0.0117721	-0.0055	NA
Height	EA	rs299364	G	G	-0.0277706	-0.0013	NA
Height	EA	rs2994329	T	T	0.0153231	-0.0122	NA
Height	EA	rs300982	A	A	-0.0281361	0.0153	NA
Height	EA	rs3011895	A	A	-0.0161599	-0.0022	NA
Height	EA	rs3020407	A	A	-0.0158223	-0.0052	NA
Height	EA	rs3118905	A	A	-0.0495846	9.00E-04	NA
Height	EA	rs3133078	A	A	0.00888225	2.00E-04	NA
Height	EA	rs314450	G	G	-0.00984395	0.0358	NA
Height	EA	rs3172417	T	T	0.0111534	-0.014	NA
Height	EA	rs3188055	G	G	0.0157111	0.0186	NA
Height	EA	rs332186	G	G	-0.0215567	0.025	NA
Height	EA	rs33912345	A	A	-0.0387203	0.0257	NA
Height	EA	rs34118426	G	G	-0.0294047	-0.0143	NA
Height	EA	rs34209642	A	A	-0.0133982	0.0232	NA
Height	EA	rs34223321	A	A	0.0165924	0.0277	NA
Height	EA	rs34493480	A	A	-0.016446	0.0487	NA
Height	EA	rs34558821	T	T	0.0184094	0.0058	NA
Height	EA	rs34604874	A	A	-0.0227887	-0.0256	NA
Height	EA	rs35028046	T	T	0.00995281	-0.0346	NA

Height	EA	rs35154152	C	C	0.0179181	-0.0252	NA
Height	EA	rs353787	A	A	0.0240145	-0.0101	NA
Height	EA	rs35463563	A	A	-0.0118102	-0.0311	NA
Height	EA	rs35548026	A	A	0.0348847	-0.0221	NA
Height	EA	rs35593191	C	C	0.013813	0.0165	NA
Height	EA	rs35616673	CT	CT	0.0254514	0.0522	NA
Height	EA	rs35629341	C	C	-0.0114161	0.0182	NA
Height	EA	rs35650604	G	G	-0.0475572	-6.00E-04	NA
Height	EA	rs35665085	A	A	-0.0261211	-0.0573	NA
Height	EA	rs35741360	A	A	-0.0305196	0.0078	NA
Height	EA	rs35874463	G	G	0.0757524	-0.0369	NA
Height	EA	rs35917062	A	A	-0.0241757	-0.0413	NA
Height	EA	rs36046591	G	G	-0.0305438	-0.2208	NA
Height	EA	rs36226649	C	C	0.05364	0.0384	NA
Height	EA	rs3730474	C	C	0.0110005	0.014	NA
Height	EA	rs3731673	A	A	0.00955785	0.0209	NA
Height	EA	rs3732474	A	A	-0.0120463	-0.0386	NA
Height	EA	rs3733526	A	A	-0.010874	0.0938	NA
Height	EA	rs3741798	T	T	0.0149789	0.0212	NA
Height	EA	rs3742500	T	T	-0.0106681	-0.0143	NA
Height	EA	rs3743372	T	T	0.0119371	0.0174	NA
Height	EA	rs3765351	T	T	-0.0164119	0.0359	NA
Height	EA	rs3791679	G	G	-0.0660137	0.0089	NA
Height	EA	rs3795948	C	C	0.0284457	-0.0055	NA
Height	EA	rs3804664	A	A	0.0124585	0.0204	NA
Height	EA	rs3805599	G	G	0.0254949	-0.0812	NA
Height	EA	rs3808909	A	A	0.00950914	0.102	NA
Height	EA	rs3814828	G	G	-0.0158173	0.0438	NA
Height	EA	rs3849688	G	G	0.0274014	-0.0522	NA

Height	EA	rs3868143	C	C	-0.0355317	-0.0606	NA
Height	EA	rs3929051	T	T	0.0221194	0.0375	NA
Height	EA	rs4078978	T	T	-0.0303721	0.0448	NA
Height	EA	rs41271299	T	T	0.114561	0.0404	NA
Height	EA	rs41311445	C	C	-0.0300825	0.0585	NA
Height	EA	rs41317929	T	T	-0.0280721	0.0196	NA
Height	EA	rs42039	T	T	0.0602836	-0.0263	NA
Height	EA	rs4246079	G	G	0.0303615	-0.0368	NA
Height	EA	rs4252548	T	T	-0.0947696	0.0364	NA
Height	EA	rs4252717	C	C	0.010572	-0.04	NA
Height	EA	rs4256170	A	A	0.0964521	0.0256	NA
Height	EA	rs4262938	T	T	0.0121184	-0.0738	NA
Height	EA	rs4282339	A	A	-0.0346632	0.0312	NA
Height	EA	rs434818	A	A	0.0146426	0.0216	NA
Height	EA	rs4369779	C	C	0.0688603	0.0381	NA
Height	EA	rs4395467	T	T	-0.0183365	0.0429	NA
Height	EA	rs4401680	G	G	0.0139899	-0.0066	NA
Height	EA	rs4464248	A	A	0.014494	0.0291	NA
Height	EA	rs4489137	A	A	-0.0114589	0.0348	NA
Height	EA	rs45528934	T	T	0.0327857	-0.0332	NA
Height	EA	rs45545532	T	T	0.016382	0.0164	NA
Height	EA	rs4588	T	T	-0.0099725	0.0405	NA
Height	EA	rs4593211	G	G	0.0194038	0.0412	NA
Height	EA	rs4614675	C	C	0.013182	0.0234	NA
Height	EA	rs4647930	A	A	-0.0147791	0.0786	NA
Height	EA	rs4649056	A	A	0.0159953	-0.0706	NA
Height	EA	rs4699385	G	G	0.0142782	-0.074	NA
Height	EA	rs4700931	C	C	0.0177764	-0.0147	NA
Height	EA	rs4717829	T	T	-0.024926	0.0031	NA

Height	EA	rs4733895	T	T	-0.010557	-0.0165	NA
Height	EA	rs4747478	G	G	0.0145861	-0.0271	NA
Height	EA	rs4751107	T	T	-0.0144481	-0.0012	NA
Height	EA	rs4757268	G	G	-0.016829	0.031	NA
Height	EA	rs4766821	A	A	0.0239667	-0.0158	NA
Height	EA	rs4794665	G	G	-0.0268276	-0.0243	NA
Height	EA	rs4808737	T	T	-0.0174573	-0.0171	NA
Height	EA	rs4811023	G	G	0.0100969	-0.0229	NA
Height	EA	rs4814656	A	A	-0.0149071	-0.0065	NA
Height	EA	rs483547	T	T	0.0127235	-0.0288	NA
Height	EA	rs4842838	T	T	0.0498026	-0.0059	NA
Height	EA	rs4881112	T	T	-0.00874967	0.0015	NA
Height	EA	rs4944052	C	C	0.0130389	0.0505	NA
Height	EA	rs4962683	T	T	0.0205591	-0.0435	NA
Height	EA	rs4965598	T	T	-0.027377	-0.0115	NA
Height	EA	rs4980826	A	A	0.0258971	-0.0266	NA
Height	EA	rs4986172	T	T	-0.0297049	0.0448	NA
Height	EA	rs5030755	G	G	0.0147982	0.0923	NA
Height	EA	rs513043	G	G	0.0241928	-0.0128	NA
Height	EA	rs520161	C	C	-0.046272	-0.0327	NA
Height	EA	rs52826764	T	T	-0.0707078	-0.0423	NA
Height	EA	rs540652	T	T	0.0233006	-0.0234	NA
Height	EA	rs553951	C	C	0.0178517	-0.0164	NA
Height	EA	rs55667100	G	G	-0.0120089	0.0363	NA
Height	EA	rs55675201	T	T	0.00912555	0.0405	NA
Height	EA	rs55726184	A	A	-0.0239057	0.0091	NA
Height	EA	rs55780974	A	A	0.01608	0.0077	NA
Height	EA	rs55814436	T	T	-0.0138998	-0.0246	NA
Height	EA	rs55913392	T	T	0.0128838	0.0095	NA

Height	EA	rs561821	T	T	-0.0186964	-0.0057	NA
Height	EA	rs56206307	A	A	0.00871859	-0.0515	NA
Height	EA	rs56286965	A	A	-0.0267353	-0.0115	NA
Height	EA	rs56344540	T	T	0.0264299	-0.0195	NA
Height	EA	rs563875	C	C	0.00995721	-0.0151	NA
Height	EA	rs56398433	A	A	0.0154002	0.034	NA
Height	EA	rs573909	A	A	-0.0156055	-8.00E-04	NA
Height	EA	rs5745297	A	A	-0.0174821	-0.0189	NA
Height	EA	rs58029322	A	A	-0.0665147	0.0207	NA
Height	EA	rs584961	G	G	-0.0506007	-0.0354	NA
Height	EA	rs58968052	C	C	0.0170045	0.0154	NA
Height	EA	rs592060	T	T	0.0198706	-0.0158	NA
Height	EA	rs6010778	C	C	0.0135454	-2.00E-04	NA
Height	EA	rs60131767	A	A	0.0126145	0.021	NA
Height	EA	rs6019321	G	G	0.0215429	0.0851	NA
Height	EA	rs60542959	T	T	0.0371587	-0.034	NA
Height	EA	rs60628344	G	G	-0.013888	0.0474	NA
Height	EA	rs6082354	C	C	-0.0189313	0.0754	NA
Height	EA	rs60884807	C	C	-0.0144883	0.084	NA
Height	EA	rs60964243	C	C	-0.0142598	-0.0309	NA
Height	EA	rs61732778	A	A	0.047274	0.0562	NA
Height	EA	rs61734651	T	T	0.0493971	-0.0475	NA
Height	EA	rs61744510	A	A	-0.030766	0.0833	NA
Height	EA	rs61776719	A	A	-0.0213851	-0.0472	NA
Height	EA	rs6180	C	C	-0.0232233	0.073	NA
Height	EA	rs61916657	A	A	-0.0103786	-0.0447	NA
Height	EA	rs61921506	T	T	0.0150861	0.0243	NA
Height	EA	rs620014	A	A	-0.0140915	-0.04	NA
Height	EA	rs62022525	T	T	0.0217335	0.0152	NA

Height	EA	rs62048221	T	T	-0.0266806	0.0327	NA
Height	EA	rs62125962	G	G	0.0232527	0.0047	NA
Height	EA	rs62135070	T	T	-0.0265724	0.0955	NA
Height	EA	rs62236670	T	T	0.0189747	-0.054	NA
Height	EA	rs62354996	A	A	0.0237951	-0.0276	NA
Height	EA	rs62385405	C	C	0.0230447	-0.0104	NA
Height	EA	rs624070	C	C	0.0146279	0.0137	NA
Height	EA	rs62502258	G	G	-0.023187	-0.0131	NA
Height	EA	rs62515696	T	T	-0.0366513	0.1288	NA
Height	EA	rs62576049	A	A	-0.0134025	-6.00E-04	NA
Height	EA	rs62621197	T	T	-0.144304	-0.1096	NA
Height	EA	rs6433973	T	T	-0.0126324	0.0179	NA
Height	EA	rs6469835	G	G	0.0233088	0.0341	NA
Height	EA	rs6470764	T	T	-0.0477809	0.0061	NA
Height	EA	rs6471906	A	A	0.0218803	0.0063	NA
Height	EA	rs6482467	G	G	0.0117405	0.0104	NA
Height	EA	rs6505216	T	T	-0.065625	0.002	NA
Height	EA	rs6519183	A	A	-0.0149226	0.0513	NA
Height	EA	rs6540964	T	T	-0.0182649	-0.0171	NA
Height	EA	rs6544746	A	A	-0.0266455	0.0306	NA
Height	EA	rs6562757	A	A	0.0135293	0.0313	NA
Height	EA	rs6570507	A	A	-0.0533827	-0.0222	NA
Height	EA	rs6585827	A	A	0.0217055	0.0304	NA
Height	EA	rs6601014	C	C	-0.0167877	-0.0497	NA
Height	EA	rs6605522	G	G	0.0162673	0.0354	NA
Height	EA	rs6650671	G	G	0.0113826	-0.0128	NA
Height	EA	rs6666334	T	T	0.0141211	0.0507	NA
Height	EA	rs66705636	G	G	0.0171255	0.0172	NA
Height	EA	rs6684205	G	G	0.0357665	0.0027	NA

Height	EA	rs67011406	T	T	-0.0115884	0.0251	NA
Height	EA	rs670318	C	C	0.0249926	-0.0235	NA
Height	EA	rs6714546	G	G	0.0301285	-0.0053	NA
Height	EA	rs6721191	G	G	-0.0215029	0.031	NA
Height	EA	rs6764459	T	T	0.0206952	0.0024	NA
Height	EA	rs6765930	G	G	0.0384845	-0.0203	NA
Height	EA	rs6766744	T	T	-0.0107606	-0.027	NA
Height	EA	rs67751243	A	A	-0.0156886	0.0018	NA
Height	EA	rs678376	G	G	0.0143528	0.0179	NA
Height	EA	rs6786420	T	T	-0.0151707	6.00E-04	NA
Height	EA	rs6792408	A	A	-0.0323106	-0.0232	NA
Height	EA	rs6830062	C	C	-0.0743515	-0.0509	NA
Height	EA	rs6832769	A	A	0.0128314	-0.0254	NA
Height	EA	rs683503	T	T	0.0114438	0.0379	NA
Height	EA	rs6866190	G	G	0.0187456	0.0027	NA
Height	EA	rs6877743	C	C	-0.0090036	-0.0035	NA
Height	EA	rs690528	G	G	0.0156992	0.0251	NA
Height	EA	rs6923431	C	C	0.0194605	-0.0124	NA
Height	EA	rs6957470	G	G	0.0146364	0.0396	NA
Height	EA	rs7003319	C	C	0.0150205	-0.0282	NA
Height	EA	rs7021495	A	A	-0.0129343	-0.0022	NA
Height	EA	rs7071514	A	A	0.0255264	-0.07	NA
Height	EA	rs7076886	C	C	-0.0139218	-0.004	NA
Height	EA	rs7079388	C	C	-0.0210445	0.0393	NA
Height	EA	rs7089424	G	G	0.0144236	-0.0081	NA
Height	EA	rs7105590	C	C	0.0139167	0.0072	NA
Height	EA	rs7131821	G	G	-0.0232139	-0.063	NA
Height	EA	rs7137504	T	T	-0.0142033	0.057	NA
Height	EA	rs7150628	T	T	0.0163339	-0.0239	NA

Height	EA	rs7175303	A	A	-0.0189546	0.0025	NA
Height	EA	rs7178347	C	C	-0.0112909	-0.0356	NA
Height	EA	rs7178424	T	T	-0.0193797	-0.0177	NA
Height	EA	rs7221974	G	G	-0.0187885	-0.0248	NA
Height	EA	rs7223297	C	C	0.0206452	-0.0114	NA
Height	EA	rs723149	G	G	-0.0233993	0.0142	NA
Height	EA	rs7259761	A	A	0.0162869	-0.0239	NA
Height	EA	rs72634327	G	G	-0.0141052	-0.0506	NA
Height	EA	rs72666768	A	A	0.018859	-0.008	NA
Height	EA	rs72731506	T	T	0.0249729	0.0813	NA
Height	EA	rs72745352	T	T	0.0382909	-0.0428	NA
Height	EA	rs7274811	T	T	-0.038377	0.0114	NA
Height	EA	rs72752151	C	C	0.012475	-0.0565	NA
Height	EA	rs72755233	A	A	-0.0843156	-0.1361	NA
Height	EA	rs72800433	C	C	0.0245874	-0.0202	NA
Height	EA	rs72836800	C	C	0.0192356	-0.0263	NA
Height	EA	rs72843872	G	G	0.0160676	0.0464	NA
Height	EA	rs72885917	C	C	-0.0215377	-0.0248	NA
Height	EA	rs72911393	T	T	-0.0160134	0.0352	NA
Height	EA	rs7299667	A	A	-0.0172659	0.0232	NA
Height	EA	rs73188218	G	G	0.0314566	0.0755	NA
Height	EA	rs7319045	G	G	-0.0276746	0.0217	NA
Height	EA	rs73238195	C	C	0.0140195	-4.00E-04	NA
Height	EA	rs73995748	A	A	-0.0195608	0.0618	NA
Height	EA	rs740026	A	A	0.0182007	-0.0219	NA
Height	EA	rs744563	G	G	0.0299308	-0.0018	NA
Height	EA	rs74475305	C	C	-0.0289319	0.0164	NA
Height	EA	rs7466269	G	G	-0.0304527	-0.03	NA
Height	EA	rs74796687	C	C	-0.0760142	0.1654	NA

Height	EA	rs74819596	T	T	-0.0154581	0.0234	NA
Height	EA	rs74836424	T	T	-0.0376366	0.0231	NA
Height	EA	rs74853008	A	A	0.0305757	-0.024	NA
Height	EA	rs75073573	A	A	-0.032054	-0.0133	NA
Height	EA	rs7520065	G	G	0.0107839	0.0221	NA
Height	EA	rs754532	A	A	0.0149305	0.007	NA
Height	EA	rs7555017	G	G	-0.0485623	-0.01	NA
Height	EA	rs7570580	A	A	0.0136357	-0.0052	NA
Height	EA	rs75810459	A	A	0.016899	-0.0615	NA
Height	EA	rs7585413	G	G	-0.0125084	-0.0018	rs6546572
Height	EA	rs76156143	T	T	0.0330601	0.0469	NA
Height	EA	rs76181418	T	T	0.0167873	-0.0284	NA
Height	EA	rs7622799	A	A	0.0155666	-0.0242	NA
Height	EA	rs76325149	T	T	-0.018829	0.0701	NA
Height	EA	rs76602912	C	C	-0.0614919	-0.161	NA
Height	EA	rs76604529	A	A	0.0145165	-0.0405	NA
Height	EA	rs76634538	T	T	-0.0187181	-0.1832	NA
Height	EA	rs76668221	T	T	0.0267435	-0.0415	NA
Height	EA	rs76693355	C	C	-0.0281081	-0.0665	NA
Height	EA	rs76713834	C	C	0.0392549	0.0484	NA
Height	EA	rs7689420	C	C	0.0811325	-0.0198	NA
Height	EA	rs76938895	C	C	-0.0238837	-0.0411	NA
Height	EA	rs7697556	C	C	-0.0307738	-0.0457	NA
Height	EA	rs77124518	C	C	0.0182548	0.051	NA
Height	EA	rs77187680	A	A	-0.0302342	0.0441	NA
Height	EA	rs7730136	T	T	0.0113816	0.0024	NA
Height	EA	rs7732038	C	C	-0.0221444	-0.0179	NA
Height	EA	rs7744288	A	A	0.0667661	0.0272	NA
Height	EA	rs7749357	G	G	0.0155132	0.0038	NA

Height	EA	rs77542162	G	G	0.0449637	0.1336	NA
Height	EA	rs7759938	T	T	-0.0464608	0.0012	NA
Height	EA	rs77686972	A	A	0.0168671	0.0147	NA
Height	EA	rs77885044	T	T	-0.0702153	0.0845	NA
Height	EA	rs7790246	T	T	0.0110579	0.0126	NA
Height	EA	rs7808966	C	C	-0.0104193	0.0239	NA
Height	EA	rs781658	A	A	0.0336083	0.0023	NA
Height	EA	rs78198962	T	T	0.0925331	0.1139	NA
Height	EA	rs7825742	C	C	-0.0171287	0.0335	NA
Height	EA	rs7846385	C	C	0.0355864	-0.0089	NA
Height	EA	rs78514293	T	T	0.0462035	0.0532	NA
Height	EA	rs78588220	T	T	0.0189201	-0.0699	NA
Height	EA	rs78592865	A	A	-0.0394195	-0.2148	NA
Height	EA	rs7869550	G	G	-0.0398017	-0.0024	NA
Height	EA	rs78743535	T	T	-0.0438749	0.2772	NA
Height	EA	rs78760367	A	A	-0.0178342	0.0233	NA
Height	EA	rs78844280	A	A	0.119744	-0.05	NA
Height	EA	rs78905646	A	A	0.0345316	-0.0788	NA
Height	EA	rs79098569	A	A	0.0161956	0.1152	NA
Height	EA	rs791314	C	C	0.0144126	0.0406	NA
Height	EA	rs79131883	C	C	-0.0223786	0.0502	NA
Height	EA	rs79172040	T	T	0.0288919	0.0692	NA
Height	EA	rs79199195	A	A	-0.00940238	-0.0443	NA
Height	EA	rs79215950	A	A	-0.0118103	0.0286	NA
Height	EA	rs79293458	A	A	0.0495786	-0.1019	NA
Height	EA	rs794016	T	T	0.0254961	-0.0125	NA
Height	EA	rs7945071	T	T	0.0136929	0.0226	NA
Height	EA	rs7947357	G	G	-0.0108428	0.0145	NA
Height	EA	rs7948458	C	C	0.0298901	-0.0037	NA

Height	EA	rs7952436	T	T	-0.0996006	-0.0454	NA
Height	EA	rs79741311	A	A	0.0238044	-0.0385	NA
Height	EA	rs7979636	G	G	0.023036	0.0016	NA
Height	EA	rs798488	C	C	-0.0565342	-0.0072	NA
Height	EA	rs79849109	T	T	-0.0278905	-0.0396	NA
Height	EA	rs7993139	G	G	-0.0112723	0.0423	NA
Height	EA	rs7997559	G	G	-0.0166604	0.0078	NA
Height	EA	rs80138182	T	T	-0.0361437	-0.0444	NA
Height	EA	rs8013827	G	G	0.0153987	0.0013	NA
Height	EA	rs80292045	A	A	0.038544	0.0845	NA
Height	EA	rs806100	C	C	-0.0139416	0.0279	NA
Height	EA	rs8094859	T	T	0.0135606	0.0176	NA
Height	EA	rs839239	T	T	-0.0178262	0.0247	NA
Height	EA	rs840464	T	T	-0.0098721	0.0228	NA
Height	EA	rs844245	T	T	-0.00997957	0.001	NA
Height	EA	rs848638	T	T	0.0168069	0.0173	NA
Height	EA	rs860457	C	C	0.0135179	-0.0039	NA
Height	EA	rs862049	T	T	0.0284362	-0.015	NA
Height	EA	rs865923	C	C	-0.0174314	-0.0025	NA
Height	EA	rs871014	C	C	-0.0152313	-0.0304	NA
Height	EA	rs879544	C	C	0.0213884	-0.0191	NA
Height	EA	rs880671	A	A	0.0160497	-0.005	NA
Height	EA	rs8904	A	A	-0.0144319	0.0303	NA
Height	EA	rs9217	C	C	0.0327218	-0.0016	NA
Height	EA	rs9296558	T	T	0.0157066	-0.0279	NA
Height	EA	rs9309037	T	T	-0.0117581	-0.0462	NA
Height	EA	rs9360921	G	G	0.0387839	0.0179	NA
Height	EA	rs9379084	A	A	-0.0420195	-0.0074	NA
Height	EA	rs939105	T	T	0.0208311	0.0595	NA

Height	EA	rs9395066	C	C	0.0222241	-0.057	NA
Height	EA	rs9397587	A	A	-0.0082964	-0.0385	NA
Height	EA	rs9427094	T	T	-0.0120723	0.0144	NA
Height	EA	rs943991	T	T	0.0204552	-0.0741	NA
Height	EA	rs9534996	A	A	0.0137905	0.0301	NA
Height	EA	rs9549356	G	G	0.013498	-0.0312	NA
Height	EA	rs955748	G	G	0.0223584	-0.0246	NA
Height	EA	rs9566168	C	C	0.0120204	-0.0093	NA
Height	EA	rs9650315	T	T	-0.0591853	0.0234	NA
Height	EA	rs9669404	A	A	0.0211394	-0.0359	NA
Height	EA	rs9681668	A	A	0.0170815	-0.0042	NA
Height	EA	rs9745989	C	C	0.0140931	0.0568	NA
Height	EA	rs9820765	A	A	0.0123948	0.01	NA
Height	EA	rs9843296	C	C	0.0247824	0.0033	NA
Height	EA	rs9844739	A	A	-0.0132475	0.0229	NA
Height	EA	rs990013	G	G	-0.0139087	0.0027	NA
Height	EA	rs994014	C	C	0.0440273	0.0278	NA
Height	EA	rs9969804	C	C	-0.022469	0.0042	NA
Height	EA	rs997915	T	T	0.0155184	0.0706	NA
Height	EA	rs9989017	T	T	0.0196275	0.0215	NA
Weight	GERD	rs10002165	C	C	-0.0444	0.0533	NA
Weight	GERD	rs10002431	A	A	0.0097	0.0125	NA
Weight	GERD	rs1001352	T	T	0.0153	0.0032	NA
Weight	GERD	rs10084743	G	G	0.0105	0.0074	NA
Weight	GERD	rs1023617	A	A	-0.0106	0.0011	NA
Weight	GERD	rs10269774	A	A	0.0262	-0.01	NA
Weight	GERD	rs1057941	A	A	-0.0108	0.0177	NA
Weight	GERD	rs10754132	T	T	-0.0116	-0.0055	NA
Weight	GERD	rs10770037	A	A	0.0121	-6.00E-04	NA

Weight	GERD	rs10817321	A	A	-0.0105	0.0221	NA
Weight	GERD	rs10925930	G	G	0.0123	-0.0188	NA
Weight	GERD	rs10937149	G	G	-0.0094	0.0033	NA
Weight	GERD	rs10992412	T	T	-0.0119	-0.01	NA
Weight	GERD	rs10998194	C	C	-0.0172	-0.0079	NA
Weight	GERD	rs1100237	C	C	-0.013	-7.00E-04	NA
Weight	GERD	rs11060406	T	T	-0.0319	-0.0227	NA
Weight	GERD	rs11098675	G	G	-0.0148	-0.0036	NA
Weight	GERD	rs11100870	G	G	-0.0204	0.0034	NA
Weight	GERD	rs1118151	G	G	0.0162	0.0045	NA
Weight	GERD	rs11183438	T	T	0.0143	1.00E-04	NA
Weight	GERD	rs111898899	AC	AC	-0.0217	0.0085	NA
Weight	GERD	rs11217843	G	G	-0.0165	0.002	NA
Weight	GERD	rs112323962	AC	AC	0.0227	-0.0389	NA
Weight	GERD	rs112920189	C	C	0.0166	0.0045	NA
Weight	GERD	rs113289555	T	T	-0.0147	-0.0037	NA
Weight	GERD	rs11369029	CT	CT	-0.0182	-0.0158	NA
Weight	GERD	rs113700251	A	A	-0.0105	0.0135	NA
Weight	GERD	rs1144710	A	A	0.0315	-0.0229	NA
Weight	GERD	rs11630479	A	A	-0.0193	-0.0044	NA
Weight	GERD	rs11633715	G	G	0.013	-0.0091	NA
Weight	GERD	rs116353685	C	C	-0.0282	0.0137	NA
Weight	GERD	rs11658134	A	A	-0.0129	0.0051	NA
Weight	GERD	rs116713089	A	A	-0.0288	-0.0382	NA
Weight	GERD	rs117031571	C	C	0.0121	-0.0056	NA
Weight	GERD	rs1182207	A	A	-0.023	-0.0079	NA
Weight	GERD	rs11921360	A	A	-0.012	-0.0013	NA
Weight	GERD	rs11941589	A	A	-0.0091	8.00E-04	NA
Weight	GERD	rs12048493	C	C	0.0168	0.0015	NA

Weight	GERD	rs12131794	A	A	0.0101	0.0076	NA
Weight	GERD	rs12148418	A	A	-0.0103	7.00E-04	NA
Weight	GERD	rs12216497	T	T	-0.0095	0.0055	NA
Weight	GERD	rs1229947	C	C	0.0116	0.0042	NA
Weight	GERD	rs12364155	T	T	0.0104	-0.0023	NA
Weight	GERD	rs12443775	C	C	0.0117	-0.0029	NA
Weight	GERD	rs12530095	A	A	-0.0136	-0.0127	NA
Weight	GERD	rs12782015	G	G	0.0118	-5.00E-04	NA
Weight	GERD	rs12898083	T	T	0.0102	0.0045	NA
Weight	GERD	rs12964145	G	G	-0.0112	0.0047	NA
Weight	GERD	rs12969846	C	C	-0.0096	-0.0166	NA
Weight	GERD	rs12980774	C	C	0.0144	-0.0152	NA
Weight	GERD	rs12991495	C	C	-0.0156	0.0042	NA
Weight	GERD	rs13018768	G	G	-0.0147	0.0207	NA
Weight	GERD	rs13152701	A	A	-0.0098	-0.0168	NA
Weight	GERD	rs13245726	G	G	-0.013	-0.0062	NA
Weight	GERD	rs133015	G	G	0.0127	0.0058	NA
Weight	GERD	rs1345825	C	C	0.0168	0.0074	NA
Weight	GERD	rs138137055	CATTTATTTATTT	CATTTATTTATTT	-0.017	-0.0044	NA
Weight	GERD	rs138761767	C	C	0.0241	-0.0049	NA
Weight	GERD	rs140602294	TTG	TTG	-0.0112	0.0088	NA
Weight	GERD	rs1415700	A	A	-0.03	0.0055	NA
Weight	GERD	rs143384	G	G	0.0281	-0.0202	NA
Weight	GERD	rs147576596	G	G	-0.0194	-0.0181	NA
Weight	GERD	rs1476387	T	T	-0.0141	0.0053	NA
Weight	GERD	rs149470925	CCATAATAAGAATATGTAATT AA	CCATAATAAGAATATGTAATT AA	-0.0152	-0.015	NA
Weight	GERD	rs1516795	C	C	-0.046	-0.0418	NA
Weight	GERD	rs154346	G	G	0.0116	0.0015	NA
Weight	GERD	rs1557299	C	C	0.0095	-0.0035	NA

Weight	GERD	rs1560708	C	C	-0.0151	-0.001	NA
Weight	GERD	rs1595447	C	C	-0.0105	0.005	NA
Weight	GERD	rs16909970	G	G	0.0148	-0.0182	NA
Weight	GERD	rs16955713	G	G	0.0096	0.0059	NA
Weight	GERD	rs17032220	C	C	-0.0208	-0.023	NA
Weight	GERD	rs17361789	G	G	0.014	-0.0113	NA
Weight	GERD	rs17363646	G	G	0.0164	-0.0059	NA
Weight	GERD	rs17789218	C	C	0.0148	0.0198	NA
Weight	GERD	rs182317	T	T	0.0104	-0.0172	NA
Weight	GERD	rs183041	A	A	0.0125	6.00E-04	NA
Weight	GERD	rs187449369	A	A	-0.0211	0.0165	NA
Weight	GERD	rs1878528	G	G	0.0156	0.0194	NA
Weight	GERD	rs1955695	G	G	-0.0228	0.0087	NA
Weight	GERD	rs1982910	T	T	0.0103	-0.0095	NA
Weight	GERD	rs1986116	C	C	0.0126	2.00E-04	NA
Weight	GERD	rs200447144	GCA	GCA	0.0165	-0.0282	NA
Weight	GERD	rs2015818	A	A	-0.0151	-0.005	NA
Weight	GERD	rs201760354	C	C	0.0176	0.0314	NA
Weight	GERD	rs2071658	G	G	-0.0159	9.00E-04	NA
Weight	GERD	rs2252720	T	T	-0.0118	-0.0019	NA
Weight	GERD	rs227146	G	G	-0.0137	-0.0146	NA
Weight	GERD	rs2289125	C	C	0.0106	0.0145	NA
Weight	GERD	rs2318897	G	G	0.0103	0.0055	NA
Weight	GERD	rs2339585	A	A	-0.0094	-0.0038	NA
Weight	GERD	rs2358947	G	G	-0.0124	0.0264	NA
Weight	GERD	rs2528544	T	T	0.0111	-0.0143	NA
Weight	GERD	rs258322	G	G	0.0132	0.0156	NA
Weight	GERD	rs2707450	T	T	-0.024	0.021	NA
Weight	GERD	rs274677	C	C	-0.0108	-0.001	NA

Weight	GERD	rs2792759	T	T	0.0114	0.0122	NA
Weight	GERD	rs28421731	T	T	-0.012	-0.0131	NA
Weight	GERD	rs2854217	C	C	-0.0123	0.0123	NA
Weight	GERD	rs2860431	T	T	-0.0119	0.0046	NA
Weight	GERD	rs28605759	A	A	-0.0096	-0.0098	NA
Weight	GERD	rs2902406	C	C	0.0181	0.0094	NA
Weight	GERD	rs2903385	A	A	0.0153	0.0058	NA
Weight	GERD	rs2917526	A	A	-0.012	-0.0277	NA
Weight	GERD	rs2949922	T	T	0.0096	0.0032	NA
Weight	GERD	rs3012053	G	G	-0.0113	-0.0031	NA
Weight	GERD	rs3081362	ATAT	ATAT	0.0151	0.002	NA
Weight	GERD	rs3131562	T	T	0.0116	-0.0139	NA
Weight	GERD	rs3176447	A	A	0.0241	0.0308	NA
Weight	GERD	rs3215533	GA	GA	-0.0176	0.0046	NA
Weight	GERD	rs335123	C	C	-0.01	-0.0021	NA
Weight	GERD	rs33948812	T	T	-0.0097	-0.0011	NA
Weight	GERD	rs34223321	A	A	0.0116	0.0182	NA
Weight	GERD	rs343952	A	A	0.0168	-0.0052	NA
Weight	GERD	rs34505073	A	A	0.0583	-0.0179	NA
Weight	GERD	rs34732995	CTA	CTA	-0.023	0.007	NA
Weight	GERD	rs34920909	C	C	-0.0144	0.0101	NA
Weight	GERD	rs35307904	A	A	-0.0178	0.0087	NA
Weight	GERD	rs35394440	A	A	0.0135	0.0106	NA
Weight	GERD	rs35506085	A	A	-0.0189	-0.002	NA
Weight	GERD	rs35572626	CATTT	CATTT	0.0186	0.0142	NA
Weight	GERD	rs35749644	A	A	-0.0134	-0.0255	NA
Weight	GERD	rs35772885	TA	TA	-0.0124	0.0029	NA
Weight	GERD	rs35874463	G	G	0.0299	0.0082	NA
Weight	GERD	rs35891157	CTAT	CTAT	0.0164	0.0012	NA

Weight	GERD	rs376071810	C	C	-0.0204	-0.0132	NA
Weight	GERD	rs3791679	G	G	-0.0189	0.0063	NA
Weight	GERD	rs3803573	T	T	-0.0169	0.0272	NA
Weight	GERD	rs3811059	T	T	-0.0091	-0.0026	NA
Weight	GERD	rs3839954	TC	TC	-0.0165	-0.0058	NA
Weight	GERD	rs40157	C	C	-0.0091	-0.0028	NA
Weight	GERD	rs4073717	T	T	-0.0204	-0.0048	NA
Weight	GERD	rs41271299	T	T	0.0486	-0.019	NA
Weight	GERD	rs42308	C	C	0.0116	-0.0168	NA
Weight	GERD	rs4282339	A	A	-0.0132	-5.00E-04	NA
Weight	GERD	rs4370834	G	G	0.0097	-0.0157	NA
Weight	GERD	rs437564	T	T	0.0257	-0.0137	NA
Weight	GERD	rs4644006	T	T	-0.0134	0.0028	NA
Weight	GERD	rs4794222	G	G	-0.0142	-0.0096	NA
Weight	GERD	rs4839716	C	C	-0.0124	-0.0212	NA
Weight	GERD	rs4894419	G	G	-0.0141	-0.0069	NA
Weight	GERD	rs4950398	A	A	-0.0103	-0.0127	NA
Weight	GERD	rs5028648	A	A	-0.0137	0.0064	NA
Weight	GERD	rs532010	G	G	0.0149	-0.0067	NA
Weight	GERD	rs56059850	C	C	0.0134	0.0073	NA
Weight	GERD	rs56062008	T	T	-0.0193	0.0273	NA
Weight	GERD	rs56218501	T	T	-0.0138	-0.0055	NA
Weight	GERD	rs56408212	T	T	-0.0114	0.0129	NA
Weight	GERD	rs57126421	G	G	-0.0119	-0.0098	NA
Weight	GERD	rs57793166	G	G	-0.0116	0.0016	NA
Weight	GERD	rs5804250	CT	CT	-0.0131	0.0026	NA
Weight	GERD	rs58280444	A	A	0.0418	-0.0709	NA
Weight	GERD	rs58634836	C	C	0.0128	-0.0069	NA
Weight	GERD	rs5915079	C	C	-0.0085	0.0015	NA

Weight	GERD	rs60040110	TA	TA	0.0151	0.0049	NA
Weight	GERD	rs61966983	A	A	-0.0129	-0.0207	NA
Weight	GERD	rs62070645	A	A	-0.0236	0.0098	NA
Weight	GERD	rs62075803	T	T	-0.0113	-0.0068	NA
Weight	GERD	rs6235	G	G	0.0191	0.0317	NA
Weight	GERD	rs62369525	A	A	-0.0109	0.008	NA
Weight	GERD	rs62621197	T	T	-0.0506	-0.0605	NA
Weight	GERD	rs640494	A	A	0.0178	0.0016	NA
Weight	GERD	rs6462106	T	T	-0.0107	-0.006	NA
Weight	GERD	rs6470764	T	T	-0.0122	-0.0037	NA
Weight	GERD	rs6549970	T	T	0.0097	0.0031	NA
Weight	GERD	rs6585827	A	A	0.0145	0.0126	NA
Weight	GERD	rs6676895	A	A	0.0098	0.0095	NA
Weight	GERD	rs67163108	G	G	-0.0139	0.0015	NA
Weight	GERD	rs6765930	G	G	0.017	-0.015	NA
Weight	GERD	rs6873192	G	G	-0.0148	0.0061	NA
Weight	GERD	rs6902789	A	A	0.0122	0.0019	NA
Weight	GERD	rs6927500	A	A	0.0153	-0.0166	NA
Weight	GERD	rs6995599	T	T	-0.0166	0.0038	NA
Weight	GERD	rs7020944	A	A	-0.0208	0.0113	NA
Weight	GERD	rs704299	T	T	-0.0111	0.0246	NA
Weight	GERD	rs708276	G	G	-0.0155	0.0074	NA
Weight	GERD	rs7129320	A	A	-0.0179	0.0191	NA
Weight	GERD	rs7134283	A	A	-0.0143	0.0061	NA
Weight	GERD	rs71452082	G	G	0.0116	0.0013	NA
Weight	GERD	rs7151393	A	A	0.0108	-0.0074	NA
Weight	GERD	rs7156335	C	C	0.0194	0.0391	NA
Weight	GERD	rs7205337	G	G	0.0141	-0.0077	NA
Weight	GERD	rs724016	G	G	0.0339	-0.0015	NA

Weight	GERD	rs72656010	C	C	-0.0353	0.0124	NA
Weight	GERD	rs72666705	C	C	0.0255	0.0126	NA
Weight	GERD	rs72755233	A	A	-0.0211	-0.0127	NA
Weight	GERD	rs73175572	G	G	0.0284	0.0149	NA
Weight	GERD	rs73234917	T	T	0.0107	-0.0041	NA
Weight	GERD	rs7327945	C	C	-0.0108	0.0015	NA
Weight	GERD	rs73598161	G	G	0.016	0.0048	NA
Weight	GERD	rs7403118	T	T	-0.0146	-0.0058	NA
Weight	GERD	rs74103241	A	A	0.013	-0.0146	NA
Weight	GERD	rs74520550	A	A	0.0199	-0.0104	NA
Weight	GERD	rs7460093	A	A	0.0133	-0.0158	NA
Weight	GERD	rs74912940	CA	CA	-0.0162	0.0018	NA
Weight	GERD	rs75159962	A	A	0.0123	0.0144	NA
Weight	GERD	rs7546249	A	A	0.0128	-0.0294	NA
Weight	GERD	rs75543804	T	T	-0.0234	-0.0252	NA
Weight	GERD	rs75657395	T	T	-0.0191	0.0359	NA
Weight	GERD	rs75857264	T	T	0.0147	-7.00E-04	NA
Weight	GERD	rs7635574	A	A	0.0122	0.0099	NA
Weight	GERD	rs76966106	T	T	0.0149	-0.0093	NA
Weight	GERD	rs7792578	T	T	-0.013	-0.0105	NA
Weight	GERD	rs7792906	T	T	-0.0194	-5.00E-04	NA
Weight	GERD	rs7827304	G	G	0.0115	0.0194	NA
Weight	GERD	rs7827419	A	A	-0.0113	-0.0134	NA
Weight	GERD	rs7829639	G	G	-0.0113	-0.0173	NA
Weight	GERD	rs78378222	G	G	0.0819	-0.1017	NA
Weight	GERD	rs78470967	A	A	0.0285	-0.012	NA
Weight	GERD	rs78805055	T	T	0.0124	0.0034	NA
Weight	GERD	rs7947973	G	G	-0.0274	0.0031	NA
Weight	GERD	rs7952436	T	T	-0.0395	-0.0039	NA

Weight	GERD	rs7959830	T	T	-0.0227	0.0081	NA
Weight	GERD	rs7990098	G	G	0.012	0.0097	NA
Weight	GERD	rs8074074	T	T	0.0102	0.0074	NA
Weight	GERD	rs8132129	T	T	-0.0143	0.0126	NA
Weight	GERD	rs825696	C	C	-0.0112	0.0074	NA
Weight	GERD	rs849141	G	G	-0.0163	-0.0227	NA
Weight	GERD	rs852983	A	A	-0.0098	0.0066	NA
Weight	GERD	rs9295	A	A	0.0185	0.0153	NA
Weight	GERD	rs9380420	T	T	-0.0156	0.0209	NA
Weight	GERD	rs9535463	A	A	-0.0269	0.0139	NA
Weight	GERD	rs9565375	G	G	0.013	0.0067	NA
Weight	GERD	rs9631502	C	C	-0.0135	0.0076	NA
Weight	GERD	rs9773606	T	T	-0.0108	0.0037	NA
Weight	GERD	rs9870506	A	A	0.0145	0.0018	NA
Weight	GERD	rs9892365	G	G	-0.0106	-0.0056	NA
Weight	GERD	rs9903150	C	C	-0.0211	0.008	NA
Weight	BE	rs1001352	T	T	0.0153	0.0386755	NA
Weight	BE	rs10084743	G	G	0.0105	-0.000656052	NA
Weight	BE	rs1023617	A	A	-0.0106	0.00812169	NA
Weight	BE	rs10269774	A	A	0.0262	-0.0302205	NA
Weight	BE	rs10770037	A	A	0.0121	0.00370552	rs7939724
Weight	BE	rs10817321	A	A	-0.0105	0.0221745	rs12338706
Weight	BE	rs10925930	G	G	0.0123	0.0104031	rs10802790
Weight	BE	rs10992412	T	T	-0.0119	0.00643089	rs10992414
Weight	BE	rs10998194	C	C	-0.0172	-0.0294566	NA
Weight	BE	rs11060406	T	T	-0.0319	0.00631555	NA
Weight	BE	rs11098675	G	G	-0.0148	0.00594805	rs11098676
Weight	BE	rs11100870	G	G	-0.0204	0.0198608	NA
Weight	BE	rs1118151	G	G	0.0162	-0.00479719	rs994532

Weight	BE	rs11183438	T	T	0.0143	0.0278717	rs4768696
Weight	BE	rs11217843	G	G	-0.0165	0.0048692	rs10892575
Weight	BE	rs112920189	C	C	0.0166	-0.00579495	rs17207196
Weight	BE	rs113700251	A	A	-0.0105	0.00337824	rs950081
Weight	BE	rs11630479	A	A	-0.0193	0.0327217	NA
Weight	BE	rs11633715	G	G	0.013	-0.0364543	rs12050772
Weight	BE	rs116353685	C	C	-0.0282	0.0173316	rs258281
Weight	BE	rs11658134	A	A	-0.0129	-0.0186836	rs7218899
Weight	BE	rs117031571	C	C	0.0121	0.0176507	rs7183263
Weight	BE	rs1182207	A	A	-0.023	-0.0233334	rs2107964
Weight	BE	rs11921360	A	A	-0.012	-0.0366488	NA
Weight	BE	rs11941589	A	A	-0.0091	0.0118914	NA
Weight	BE	rs12131794	A	A	0.0101	-0.0162731	rs7538503
Weight	BE	rs12148418	A	A	-0.0103	0.00836299	rs1018135
Weight	BE	rs12216497	T	T	-0.0095	-0.00632885	NA
Weight	BE	rs1229947	C	C	0.0116	0.03506	rs4927305
Weight	BE	rs12364155	T	T	0.0104	0.00322312	rs10899013
Weight	BE	rs12443775	C	C	0.0117	0.00368597	NA
Weight	BE	rs12530095	A	A	-0.0136	0.0101656	NA
Weight	BE	rs12898083	T	T	0.0102	-0.00856964	NA
Weight	BE	rs12964145	G	G	-0.0112	-0.00253499	NA
Weight	BE	rs12980774	C	C	0.0144	0.00964733	rs12982509
Weight	BE	rs12991495	C	C	-0.0156	-0.0330687	NA
Weight	BE	rs13018768	G	G	-0.0147	-0.0115585	rs10174525
Weight	BE	rs13152701	A	A	-0.0098	-0.0163751	NA
Weight	BE	rs1345825	C	C	0.0168	-0.0032179	NA
Weight	BE	rs1415700	A	A	-0.03	-0.0156604	rs9388766
Weight	BE	rs1476387	T	T	-0.0141	0.0270199	NA
Weight	BE	rs1557299	C	C	0.0095	0.00254544	NA

Weight	BE	rs1560708	C	C	-0.0151	-0.0227233	rs10405617
Weight	BE	rs1595447	C	C	-0.0105	-0.0356218	rs16823047
Weight	BE	rs16909970	G	G	0.0148	-0.0245327	NA
Weight	BE	rs16955713	G	G	0.0096	0.00609199	NA
Weight	BE	rs17032220	C	C	-0.0208	-0.0135432	NA
Weight	BE	rs17361789	G	G	0.014	-0.037965	NA
Weight	BE	rs17363646	G	G	0.0164	0.0244185	NA
Weight	BE	rs17789218	C	C	0.0148	0.0303349	NA
Weight	BE	rs187449369	A	A	-0.0211	0.0075159	rs1074683
Weight	BE	rs1878528	G	G	0.0156	0.00558177	NA
Weight	BE	rs1955695	G	G	-0.0228	0.0300879	rs10483727
Weight	BE	rs1982910	T	T	0.0103	0.00428677	rs12424989
Weight	BE	rs1986116	C	C	0.0126	0.00231679	NA
Weight	BE	rs2015818	A	A	-0.0151	0.00735797	rs6701524
Weight	BE	rs2071658	G	G	-0.0159	0.026796	rs3762939
Weight	BE	rs2252720	T	T	-0.0118	-0.0342973	NA
Weight	BE	rs227146	G	G	-0.0137	-0.00986492	rs226473
Weight	BE	rs2289125	C	C	0.0106	0.0147746	rs2289123
Weight	BE	rs2358947	G	G	-0.0124	0.024022	NA
Weight	BE	rs2528544	T	T	0.0111	-0.00583505	rs6975111
Weight	BE	rs258322	G	G	0.0132	0.00540091	NA
Weight	BE	rs2707450	T	T	-0.024	0.0188806	NA
Weight	BE	rs274677	C	C	-0.0108	-0.00949846	rs13163920
Weight	BE	rs2792759	T	T	0.0114	0.00117854	rs4917628
Weight	BE	rs2860431	T	T	-0.0119	-0.0105312	NA
Weight	BE	rs28605759	A	A	-0.0096	-0.00206969	rs17465651
Weight	BE	rs2903385	A	A	0.0153	0.000593708	rs10010325
Weight	BE	rs2917526	A	A	-0.012	-0.0342075	rs1813212
Weight	BE	rs2949922	T	T	0.0096	0.0361853	rs2916148

Weight	BE	rs3012053	G	G	-0.0113	0.000568575	NA
Weight	BE	rs3131562	T	T	0.0116	0.0170246	NA
Weight	BE	rs3176447	A	A	0.0241	0.0245045	NA
Weight	BE	rs33948812	T	T	-0.0097	0.00295078	rs10939676
Weight	BE	rs343952	A	A	0.0168	-0.0155688	NA
Weight	BE	rs34920909	C	C	-0.0144	-0.00270036	rs151945
Weight	BE	rs35394440	A	A	0.0135	0.0291195	rs11113472
Weight	BE	rs35749644	A	A	-0.0134	-0.0116977	rs1160659
Weight	BE	rs376071810	C	C	-0.0204	-0.0144777	rs8034029
Weight	BE	rs3791679	G	G	-0.0189	-0.0330729	NA
Weight	BE	rs3803573	T	T	-0.0169	0.0245677	NA
Weight	BE	rs3811059	T	T	-0.0091	0.00947508	rs12620738
Weight	BE	rs40157	C	C	-0.0091	0.00938502	rs36160
Weight	BE	rs42308	C	C	0.0116	0.00282868	NA
Weight	BE	rs4282339	A	A	-0.0132	0.00573048	NA
Weight	BE	rs4370834	G	G	0.0097	-0.0116981	rs9787624
Weight	BE	rs437564	T	T	0.0257	0.00578842	rs4451951
Weight	BE	rs4644006	T	T	-0.0134	-0.014892	rs6580036
Weight	BE	rs4894419	G	G	-0.0141	-0.0175328	rs1403637
Weight	BE	rs4950398	A	A	-0.0103	0.0117242	NA
Weight	BE	rs5028648	A	A	-0.0137	-0.0145612	NA
Weight	BE	rs532010	G	G	0.0149	-0.011365	NA
Weight	BE	rs56059850	C	C	0.0134	0.0069847	rs12022116
Weight	BE	rs56062008	T	T	-0.0193	-0.0523341	rs16910109
Weight	BE	rs56408212	T	T	-0.0114	0.0191324	rs7568069
Weight	BE	rs57126421	G	G	-0.0119	-0.0108236	rs1561821
Weight	BE	rs58634836	C	C	0.0128	0.00550427	rs1858919
Weight	BE	rs62075803	T	T	-0.0113	-0.0118091	rs2301647
Weight	BE	rs6470764	T	T	-0.0122	-0.00864725	NA

Weight	BE	rs6549970	T	T	0.0097	0.00750001	NA
Weight	BE	rs6585827	A	A	0.0145	0.00965564	NA
Weight	BE	rs6676895	A	A	0.0098	0.0128275	rs2780797
Weight	BE	rs6765930	G	G	0.017	-0.0323524	NA
Weight	BE	rs6873192	G	G	-0.0148	-0.011401	rs34292
Weight	BE	rs6927500	A	A	0.0153	-0.0198608	NA
Weight	BE	rs6995599	T	T	-0.0166	0.0149896	NA
Weight	BE	rs7020944	A	A	-0.0208	0.0392067	NA
Weight	BE	rs704299	T	T	-0.0111	-0.00642564	NA
Weight	BE	rs708276	G	G	-0.0155	-0.0205535	NA
Weight	BE	rs71452082	G	G	0.0116	0.0469677	rs7138497
Weight	BE	rs7151393	A	A	0.0108	-0.000959995	NA
Weight	BE	rs724016	G	G	0.0339	-0.038498	NA
Weight	BE	rs7327945	C	C	-0.0108	-0.0137624	rs7318578
Weight	BE	rs73598161	G	G	0.016	0.00748491	rs4077818
Weight	BE	rs7403118	T	T	-0.0146	0.00812489	rs10220738
Weight	BE	rs74103241	A	A	0.013	0.00271012	rs2369463
Weight	BE	rs75159962	A	A	0.0123	0.0399553	rs12630070
Weight	BE	rs7546249	A	A	0.0128	-0.0164962	NA
Weight	BE	rs7635574	A	A	0.0122	0.0197982	rs716763
Weight	BE	rs7792578	T	T	-0.013	-0.00197131	rs11575334
Weight	BE	rs7827304	G	G	0.0115	0.0136992	NA
Weight	BE	rs7827419	A	A	-0.0113	0.0240056	NA
Weight	BE	rs7829639	G	G	-0.0113	-0.0182183	rs7005777
Weight	BE	rs78805055	T	T	0.0124	0.0201458	rs17488724
Weight	BE	rs7959830	T	T	-0.0227	0.0199796	NA
Weight	BE	rs7990098	G	G	0.012	-0.00903882	rs4771934
Weight	BE	rs8074074	T	T	0.0102	0.00641813	NA
Weight	BE	rs8132129	T	T	-0.0143	0.0136527	NA

Weight	BE	rs849141	G	G	-0.0163	-0.0189848	NA
Weight	BE	rs852983	A	A	-0.0098	-0.0367263	rs4634384
Weight	BE	rs9535463	A	A	-0.0269	0.062333	rs1341637
Weight	BE	rs9565375	G	G	0.013	-0.0138796	NA
Weight	BE	rs9631502	C	C	-0.0135	-0.0162784	rs815710
Weight	BE	rs9870506	A	A	0.0145	-0.00832678	NA
Weight	BE	rs9892365	G	G	-0.0106	-0.00817793	NA
Weight	BE	rs9903150	C	C	-0.0211	0.00280913	rs13894
Weight	EA	rs10002165	C	C	-0.0444	-0.0534	NA
Weight	EA	rs10002431	A	A	0.0097	-0.038	NA
Weight	EA	rs1001352	T	T	0.0153	-0.0104	NA
Weight	EA	rs10084743	G	G	0.0105	0.0075	NA
Weight	EA	rs1023617	A	A	-0.0106	0.01	NA
Weight	EA	rs10269774	A	A	0.0262	-9.00E-04	NA
Weight	EA	rs1057941	A	A	-0.0108	0.0129	NA
Weight	EA	rs10770037	A	A	0.0121	0.0045	NA
Weight	EA	rs10817321	A	A	-0.0105	-0.0641	NA
Weight	EA	rs10925930	G	G	0.0123	5.00E-04	NA
Weight	EA	rs10992412	T	T	-0.0119	0.0142	NA
Weight	EA	rs10998194	C	C	-0.0172	-0.0055	NA
Weight	EA	rs1100237	C	C	-0.013	-0.0275	NA
Weight	EA	rs11060406	T	T	-0.0319	-0.0417	NA
Weight	EA	rs11098675	G	G	-0.0148	0.0592	NA
Weight	EA	rs11100870	G	G	-0.0204	0.008	NA
Weight	EA	rs1118151	G	G	0.0162	-0.083	NA
Weight	EA	rs111898899	AC	AC	-0.0217	-0.021	NA
Weight	EA	rs11217843	G	G	-0.0165	-0.0317	NA
Weight	EA	rs112323962	AC	AC	0.0227	-0.0303	NA
Weight	EA	rs112920189	C	C	0.0166	-0.0096	NA

Weight	EA	rs113289555	T	T	-0.0147	0.1209	NA
Weight	EA	rs113700251	A	A	-0.0105	-0.0098	NA
Weight	EA	rs11630479	A	A	-0.0193	0.0213	NA
Weight	EA	rs11633715	G	G	0.013	-0.0389	NA
Weight	EA	rs11658134	A	A	-0.0129	-0.039	NA
Weight	EA	rs116713089	A	A	-0.0288	0.0205	NA
Weight	EA	rs117031571	C	C	0.0121	-0.0057	NA
Weight	EA	rs1182207	A	A	-0.023	-0.0057	NA
Weight	EA	rs11921360	A	A	-0.012	0.0157	NA
Weight	EA	rs11941589	A	A	-0.0091	-0.0029	NA
Weight	EA	rs12048493	C	C	0.0168	-0.0231	NA
Weight	EA	rs12131794	A	A	0.0101	-0.0117	NA
Weight	EA	rs12148418	A	A	-0.0103	0.0067	NA
Weight	EA	rs12216497	T	T	-0.0095	-0.0122	NA
Weight	EA	rs1229947	C	C	0.0116	0.005	NA
Weight	EA	rs12364155	T	T	0.0104	0.0624	NA
Weight	EA	rs12530095	A	A	-0.0136	-0.051	NA
Weight	EA	rs12782015	G	G	0.0118	-0.0309	NA
Weight	EA	rs12898083	T	T	0.0102	-0.0128	NA
Weight	EA	rs12980774	C	C	0.0144	0.0051	NA
Weight	EA	rs12991495	C	C	-0.0156	-0.0368	NA
Weight	EA	rs13018768	G	G	-0.0147	-0.0272	NA
Weight	EA	rs13152701	A	A	-0.0098	-0.0275	NA
Weight	EA	rs13245726	G	G	-0.013	-0.0522	NA
Weight	EA	rs1345825	C	C	0.0168	-0.0693	NA
Weight	EA	rs138761767	C	C	0.0241	-0.0367	NA
Weight	EA	rs1415700	A	A	-0.03	-0.005	NA
Weight	EA	rs143384	G	G	0.0281	-0.0523	NA
Weight	EA	rs147576596	G	G	-0.0194	0.0037	NA

Weight	EA	rs1476387	T	T	-0.0141	0.0344	NA
Weight	EA	rs149470925	CCATAATAAGAATATGTAATT AA	CCATAATAAGAATATGTAATT AA	-0.0152	-0.0152	NA
Weight	EA	rs1516795	C	C	-0.046	0.0056	NA
Weight	EA	rs154346	G	G	0.0116	0.0138	NA
Weight	EA	rs1557299	C	C	0.0095	0.0065	NA
Weight	EA	rs1560708	C	C	-0.0151	0.039	NA
Weight	EA	rs1595447	C	C	-0.0105	0.0369	NA
Weight	EA	rs16909970	G	G	0.0148	-0.0336	NA
Weight	EA	rs16955713	G	G	0.0096	0.0396	NA
Weight	EA	rs17032220	C	C	-0.0208	-0.1105	NA
Weight	EA	rs17361789	G	G	0.014	-0.0425	NA
Weight	EA	rs17363646	G	G	0.0164	-0.0239	NA
Weight	EA	rs17789218	C	C	0.0148	0.0158	NA
Weight	EA	rs182317	T	T	0.0104	-0.0356	NA
Weight	EA	rs183041	A	A	0.0125	-0.007	NA
Weight	EA	rs187449369	A	A	-0.0211	0.0139	NA
Weight	EA	rs1878528	G	G	0.0156	0.0279	NA
Weight	EA	rs1955695	G	G	-0.0228	0.0226	NA
Weight	EA	rs1982910	T	T	0.0103	0.0046	NA
Weight	EA	rs1986116	C	C	0.0126	-0.0119	NA
Weight	EA	rs200447144	GCA	GCA	0.0165	0.0846	NA
Weight	EA	rs2015818	A	A	-0.0151	-0.0175	NA
Weight	EA	rs201760354	C	C	0.0176	-0.0326	rs61826817
Weight	EA	rs2071658	G	G	-0.0159	0.012	NA
Weight	EA	rs2252720	T	T	-0.0118	0.0714	NA
Weight	EA	rs2289125	C	C	0.0106	0.0379	NA
Weight	EA	rs2318897	G	G	0.0103	-0.0519	NA
Weight	EA	rs2339585	A	A	-0.0094	-0.0165	NA
Weight	EA	rs2528544	T	T	0.0111	0.0371	NA

Weight	EA	rs258322	G	G	0.0132	0.0142	NA
Weight	EA	rs2707450	T	T	-0.024	-0.0235	NA
Weight	EA	rs274677	C	C	-0.0108	-0.0197	NA
Weight	EA	rs2792759	T	T	0.0114	0.0345	NA
Weight	EA	rs28421731	T	T	-0.012	-0.021	NA
Weight	EA	rs2860431	T	T	-0.0119	-0.0158	NA
Weight	EA	rs28605759	A	A	-0.0096	-0.0407	NA
Weight	EA	rs2903385	A	A	0.0153	0.0249	NA
Weight	EA	rs2917526	A	A	-0.012	0.0195	NA
Weight	EA	rs2949922	T	T	0.0096	0.0609	NA
Weight	EA	rs3012053	G	G	-0.0113	0.0242	NA
Weight	EA	rs3081362	ATAT	ATAT	0.0151	0.0453	NA
Weight	EA	rs3131562	T	T	0.0116	0.0183	NA
Weight	EA	rs3215533	GA	GA	-0.0176	-0.0128	NA
Weight	EA	rs335123	C	C	-0.01	0.0353	NA
Weight	EA	rs33948812	T	T	-0.0097	-0.0097	NA
Weight	EA	rs34223321	A	A	0.0116	0.0277	NA
Weight	EA	rs343952	A	A	0.0168	-0.0793	NA
Weight	EA	rs34505073	A	A	0.0583	-0.0766	NA
Weight	EA	rs34732995	CTA	CTA	-0.023	-0.0486	NA
Weight	EA	rs35307904	A	A	-0.0178	-0.0199	NA
Weight	EA	rs35394440	A	A	0.0135	-0.006	NA
Weight	EA	rs35506085	A	A	-0.0189	0.0053	NA
Weight	EA	rs35572626	CATTT	CATTT	0.0186	-0.0222	NA
Weight	EA	rs35749644	A	A	-0.0134	0.0044	rs1160659
Weight	EA	rs35874463	G	G	0.0299	-0.0369	NA
Weight	EA	rs35891157	CTAT	CTAT	0.0164	-0.039	NA
Weight	EA	rs376071810	C	C	-0.0204	-0.0039	rs60925254
Weight	EA	rs3791679	G	G	-0.0189	0.0089	NA

Weight	EA	rs3803573	T	T	-0.0169	0.0055	NA
Weight	EA	rs3811059	T	T	-0.0091	0.0444	NA
Weight	EA	rs40157	C	C	-0.0091	-0.009	NA
Weight	EA	rs4073717	T	T	-0.0204	-0.0123	NA
Weight	EA	rs41271299	T	T	0.0486	0.0404	NA
Weight	EA	rs42308	C	C	0.0116	-0.0343	NA
Weight	EA	rs4282339	A	A	-0.0132	0.0312	NA
Weight	EA	rs437564	T	T	0.0257	0.0154	rs4451951
Weight	EA	rs4644006	T	T	-0.0134	0.0373	rs6580036
Weight	EA	rs4794222	G	G	-0.0142	-0.0015	NA
Weight	EA	rs4839716	C	C	-0.0124	-0.05	rs6650999
Weight	EA	rs4894419	G	G	-0.0141	-0.0299	NA
Weight	EA	rs4950398	A	A	-0.0103	-0.0487	NA
Weight	EA	rs5028648	A	A	-0.0137	-0.0195	NA
Weight	EA	rs532010	G	G	0.0149	0.0325	NA
Weight	EA	rs56062008	T	T	-0.0193	0.0846	NA
Weight	EA	rs56218501	T	T	-0.0138	0.0244	NA
Weight	EA	rs56408212	T	T	-0.0114	-0.0129	NA
Weight	EA	rs57126421	G	G	-0.0119	0.0296	NA
Weight	EA	rs57793166	G	G	-0.0116	0.0157	NA
Weight	EA	rs58280444	A	A	0.0418	-0.103	NA
Weight	EA	rs61966983	A	A	-0.0129	0.1006	NA
Weight	EA	rs62070645	A	A	-0.0236	-0.012	NA
Weight	EA	rs62075803	T	T	-0.0113	-0.0384	NA
Weight	EA	rs62369525	A	A	-0.0109	0.0177	NA
Weight	EA	rs62621197	T	T	-0.0506	-0.1096	NA
Weight	EA	rs6462106	T	T	-0.0107	0.0504	NA
Weight	EA	rs6470764	T	T	-0.0122	0.0061	NA
Weight	EA	rs6549970	T	T	0.0097	-0.0213	NA

Weight	EA	rs6585827	A	A	0.0145	0.0304	NA
Weight	EA	rs6676895	A	A	0.0098	0.0619	NA
Weight	EA	rs67163108	G	G	-0.0139	-0.0177	NA
Weight	EA	rs6765930	G	G	0.017	-0.0203	NA
Weight	EA	rs6873192	G	G	-0.0148	-0.0129	NA
Weight	EA	rs6902789	A	A	0.0122	-0.0113	NA
Weight	EA	rs6927500	A	A	0.0153	0.0044	NA
Weight	EA	rs6995599	T	T	-0.0166	0.0267	NA
Weight	EA	rs7020944	A	A	-0.0208	0.0048	NA
Weight	EA	rs704299	T	T	-0.0111	0.0602	NA
Weight	EA	rs708276	G	G	-0.0155	0.0183	NA
Weight	EA	rs7129320	A	A	-0.0179	-0.0361	NA
Weight	EA	rs7134283	A	A	-0.0143	0.0138	NA
Weight	EA	rs7151393	A	A	0.0108	-0.0092	NA
Weight	EA	rs7156335	C	C	0.0194	-0.0621	NA
Weight	EA	rs7205337	G	G	0.0141	-0.0017	NA
Weight	EA	rs724016	G	G	0.0339	-0.0212	NA
Weight	EA	rs72656010	C	C	-0.0353	0.0334	NA
Weight	EA	rs72755233	A	A	-0.0211	-0.1361	NA
Weight	EA	rs73175572	G	G	0.0284	-0.0124	NA
Weight	EA	rs73234917	T	T	0.0107	0.0338	NA
Weight	EA	rs7327945	C	C	-0.0108	0.016	NA
Weight	EA	rs73598161	G	G	0.016	-0.0094	NA
Weight	EA	rs74520550	A	A	0.0199	-0.0082	NA
Weight	EA	rs7460093	A	A	0.0133	-0.0599	NA
Weight	EA	rs75159962	A	A	0.0123	-3.00E-04	NA
Weight	EA	rs75543804	T	T	-0.0234	-0.0292	NA
Weight	EA	rs75657395	T	T	-0.0191	-0.0204	NA
Weight	EA	rs75857264	T	T	0.0147	-0.077	NA

Weight	EA	rs7635574	A	A	0.0122	0.0114	NA
Weight	EA	rs76966106	T	T	0.0149	0.0049	NA
Weight	EA	rs7792578	T	T	-0.013	-0.0094	NA
Weight	EA	rs7792906	T	T	-0.0194	-0.0909	NA
Weight	EA	rs7827304	G	G	0.0115	-0.002	NA
Weight	EA	rs7827419	A	A	-0.0113	-2.00E-04	NA
Weight	EA	rs7829639	G	G	-0.0113	-0.0249	rs7005777
Weight	EA	rs78378222	G	G	0.0819	-0.1607	NA
Weight	EA	rs78805055	T	T	0.0124	-0.0469	rs72949518
Weight	EA	rs7952436	T	T	-0.0395	-0.0454	NA
Weight	EA	rs7959830	T	T	-0.0227	0.0222	NA
Weight	EA	rs7990098	G	G	0.012	-0.026	NA
Weight	EA	rs8074074	T	T	0.0102	-0.0267	NA
Weight	EA	rs8132129	T	T	-0.0143	0.0039	NA
Weight	EA	rs825696	C	C	-0.0112	-0.0245	NA
Weight	EA	rs849141	G	G	-0.0163	-0.0317	NA
Weight	EA	rs852983	A	A	-0.0098	-0.025	NA
Weight	EA	rs9295	A	A	0.0185	0.0245	NA
Weight	EA	rs9380420	T	T	-0.0156	0.0103	NA
Weight	EA	rs9535463	A	A	-0.0269	0.0049	rs3118918
Weight	EA	rs9565375	G	G	0.013	0.0617	NA
Weight	EA	rs9631502	C	C	-0.0135	0.0081	NA
Weight	EA	rs9773606	T	T	-0.0108	0.0135	NA
Weight	EA	rs9870506	A	A	0.0145	-0.0262	NA
Weight	EA	rs9892365	G	G	-0.0106	0.0188	NA
Weight	EA	rs9903150	C	C	-0.0211	-0.0274	NA
MDD	GERD	rs12129573	A	A	0.0477992	-0.0029	NA
MDD	GERD	rs1950829	G	G	-0.0454035	-0.0157	NA
MDD	GERD	rs6905391	A	A	-0.0740018	-0.043	NA

MDD	BE	rs12129573	A	A	0.0477992	0.0384531	rs1475061
MDD	BE	rs1950829	G	G	-0.0454035	-0.0290469	NA
MDD	BE	rs6905391	A	A	-0.0740018	-0.102474	rs1936365
MDD	EA	rs12129573	A	A	0.0477992	0.0514	NA
MDD	EA	rs1950829	G	G	-0.0454035	0.008	NA
MDD	EA	rs6905391	A	A	-0.0740018	-0.0665	NA
Smoke	GERD	rs1579233	G	G	-0.0318201	-0.0011	NA
Smoke	GERD	rs2072659	G	G	-0.0652518	0.0085	NA
Smoke	GERD	rs2084533	T	T	0.0336406	-0.0114	NA
Smoke	GERD	rs2273500	C	C	0.0680938	0.0131	NA
Smoke	GERD	rs2424888	A	A	0.0334848	0.0155	NA
Smoke	GERD	rs3025383	C	C	-0.0578394	-0.0204	NA
Smoke	GERD	rs34406232	A	A	-0.146992	-0.0095	NA
Smoke	GERD	rs4785587	A	A	-0.0336223	-0.0144	NA
Smoke	GERD	rs56113850	C	C	0.107205	-0.0042	NA
Smoke	GERD	rs58379124	C	C	0.0669394	0.011	NA
Smoke	GERD	rs632811	G	G	-0.0367137	-0.014	NA
Smoke	GERD	rs73229090	A	A	0.0554895	0.0029	NA
Smoke	GERD	rs7431710	A	A	-0.0349579	-0.0039	NA
Smoke	GERD	rs75494138	T	T	0.0598763	-0.0185	NA
Smoke	GERD	rs7928017	A	A	-0.0329314	-0.0067	NA
Smoke	GERD	rs7951365	C	C	0.0389511	0.0017	NA
Smoke	BE	rs1579233	G	G	-0.0318201	-0.0251704	rs1582316
Smoke	BE	rs2084533	T	T	0.0336406	0.0336514	NA
Smoke	BE	rs2424888	A	A	0.0334848	0.00636648	rs1742983
Smoke	BE	rs3025383	C	C	-0.0578394	0.00226973	rs1108581
Smoke	BE	rs58379124	C	C	0.0669394	0.00432409	rs16891561
Smoke	BE	rs632811	G	G	-0.0367137	-0.0353092	rs964285
Smoke	BE	rs7431710	A	A	-0.0349579	-0.0132414	NA

Smoke	BE	rs75494138	T	T	0.0598763	-0.0253189	rs17197116
Smoke	BE	rs7951365	C	C	0.0389511	-0.0113644	rs7933830
Smoke	EA	rs1579233	G	G	-0.0318201	-0.0211	NA
Smoke	EA	rs2084533	T	T	0.0336406	-0.0284	NA
Smoke	EA	rs2273500	C	C	0.0680938	0.0829	NA
Smoke	EA	rs2424888	A	A	0.0334848	-0.0346	NA
Smoke	EA	rs3025383	C	C	-0.0578394	0.0347	NA
Smoke	EA	rs34406232	A	A	-0.146992	0.022	NA
Smoke	EA	rs4785587	A	A	-0.0336223	-0.0198	NA
Smoke	EA	rs56113850	C	C	0.107205	0.005	NA
Smoke	EA	rs58379124	C	C	0.0669394	-0.0403	NA
Smoke	EA	rs632811	G	G	-0.0367137	-0.049	NA
Smoke	EA	rs73229090	A	A	0.0554895	-0.0781	NA
Smoke	EA	rs7431710	A	A	-0.0349579	0.0292	NA
Smoke	EA	rs75494138	T	T	0.0598763	-0.0411	NA
Smoke	EA	rs7928017	A	A	-0.0329314	-0.0377	NA
Smoke	EA	rs7951365	C	C	0.0389511	-0.0082	NA
Alcoholic drinks	GERD	rs11860773	C	C	-0.0150051	-0.0126	NA
Alcoholic drinks	GERD	rs1260326	C	C	0.023812	-0.019	NA
Alcoholic drinks	GERD	rs13332432	G	G	0.014005	0.0063	NA
Alcoholic drinks	GERD	rs1387766	A	A	-0.010827	0.0061	NA
Alcoholic drinks	GERD	rs16854020	A	A	0.018083	-0.0268	NA
Alcoholic drinks	GERD	rs17542254	G	G	0.0131418	0.012	NA
Alcoholic drinks	GERD	rs2299409	A	A	-0.0105546	0.0075	NA
Alcoholic drinks	GERD	rs28712821	A	A	0.0283339	-0.0074	NA
Alcoholic drinks	GERD	rs28929474	T	T	-0.0476809	-0.0465	NA
Alcoholic drinks	GERD	rs34121753	G	G	0.0110694	-0.013	NA
Alcoholic drinks	GERD	rs55872084	T	T	0.0127314	-0.0219	NA
Alcoholic drinks	GERD	rs55932213	G	G	0.0124767	-0.0084	NA

Alcoholic drinks	GERD	rs6739804	C	C	-0.0129688	-1.00E-04	NA
Alcoholic drinks	GERD	rs676388	C	C	0.0150976	0.0011	NA
Alcoholic drinks	GERD	rs75120545	T	T	-0.0327862	0.0071	NA
Alcoholic drinks	GERD	rs78234152	A	A	0.0276538	0.0062	NA
Alcoholic drinks	GERD	rs79616692	C	C	0.0188085	0.0219	NA
Alcoholic drinks	GERD	rs962961	T	T	-0.0121885	-0.0188	NA
Alcoholic drinks	BE	rs1260326	C	C	0.023812	0.0045603	NA
Alcoholic drinks	BE	rs13332432	G	G	0.014005	0.00547358	rs1868871
Alcoholic drinks	BE	rs1387766	A	A	-0.010827	0.016599	NA
Alcoholic drinks	BE	rs16854020	A	A	0.018083	-0.0445114	NA
Alcoholic drinks	BE	rs17542254	G	G	0.0131418	0.038948	NA
Alcoholic drinks	BE	rs2299409	A	A	-0.0105546	0.00708764	rs1035169
Alcoholic drinks	BE	rs28712821	A	A	0.0283339	0.0205849	rs12639940
Alcoholic drinks	BE	rs55872084	T	T	0.0127314	-0.0114815	rs17638584
Alcoholic drinks	BE	rs6739804	C	C	-0.0129688	-0.0151842	NA
Alcoholic drinks	BE	rs676388	C	C	0.0150976	-0.0167981	NA
Alcoholic drinks	EA	rs11860773	C	C	-0.0150051	-0.0296	NA
Alcoholic drinks	EA	rs1260326	C	C	0.023812	0.0283	NA
Alcoholic drinks	EA	rs1387766	A	A	-0.010827	-0.018	NA
Alcoholic drinks	EA	rs16854020	A	A	0.018083	-0.0354	NA
Alcoholic drinks	EA	rs17542254	G	G	0.0131418	0.0463	NA
Alcoholic drinks	EA	rs2299409	A	A	-0.0105546	0.0089	NA
Alcoholic drinks	EA	rs28712821	A	A	0.0283339	0.036	NA
Alcoholic drinks	EA	rs28929474	T	T	-0.0476809	-0.1476	NA
Alcoholic drinks	EA	rs34121753	G	G	0.0110694	0.0116	NA
Alcoholic drinks	EA	rs55872084	T	T	0.0127314	0.075	NA
Alcoholic drinks	EA	rs55932213	G	G	0.0124767	0.0133	NA
Alcoholic drinks	EA	rs6739804	C	C	-0.0129688	-0.0444	NA
Alcoholic drinks	EA	rs676388	C	C	0.0150976	-0.0391	NA

Alcoholic drinks	EA	rs75120545	T	T	-0.0327862	-0.1249	NA
Alcoholic drinks	EA	rs78234152	A	A	0.0276538	0.0512	NA
Alcoholic drinks	EA	rs962961	T	T	-0.0121885	-1.00E-04	NA
Helicobacter pylori	GERD	rs10201472	G	G	0.00047203	0.0241	NA
Helicobacter pylori	GERD	rs10863286	C	C	0.000483977	-0.009	NA
Helicobacter pylori	GERD	rs11033350	C	C	0.000535431	0.0136	NA
Helicobacter pylori	GERD	rs11153772	C	C	0.00049123	0.0063	NA
Helicobacter pylori	GERD	rs12576535	G	G	0.00054425	0.009	NA
Helicobacter pylori	GERD	rs17825483	A	A	0.000480217	0.0083	NA
Helicobacter pylori	GERD	rs198000	T	T	0.000489174	-0.0021	NA
Helicobacter pylori	GERD	rs2090178	C	C	-0.000512474	0.0068	NA
Helicobacter pylori	GERD	rs2317782	T	T	0.000498486	0.007	NA
Helicobacter pylori	GERD	rs2540838	A	A	0.000526433	0.0103	NA
Helicobacter pylori	GERD	rs258035	G	G	0.000468031	0.012	NA
Helicobacter pylori	GERD	rs3114428	G	G	0.000481446	-0.0063	NA
Helicobacter pylori	GERD	rs4805719	T	T	-0.000498557	0.0141	NA
Helicobacter pylori	GERD	rs6065743	A	A	0.000493643	0.0087	NA
Helicobacter pylori	GERD	rs613534	G	G	-0.000485738	0.0014	rs491626
Helicobacter pylori	GERD	rs6534120	G	G	-0.000479589	0.0019	NA
Helicobacter pylori	GERD	rs6560506	T	T	0.000623792	0.0069	NA
Helicobacter pylori	GERD	rs6910011	T	T	0.000596199	0.0042	rs1925919
Helicobacter pylori	GERD	rs7045123	A	A	-0.000523933	6.00E-04	NA
Helicobacter pylori	GERD	rs7356865	G	G	-0.000491961	0.0048	NA
Helicobacter pylori	GERD	rs8052556	T	T	0.000517611	-0.0054	NA
Helicobacter pylori	GERD	rs877601	C	C	-0.000508242	-0.0013	NA
Helicobacter pylori	GERD	rs9450412	T	T	-0.000467123	-0.0066	NA
Helicobacter pylori	GERD	rs9939045	T	T	-0.000495853	0.0072	NA
Helicobacter pylori	BE	rs10201472	G	G	0.00047203	0.0155619	rs11676582
Helicobacter pylori	BE	rs10863286	C	C	0.000483977	-0.00195903	NA

Helicobacter pylori	BE	rs11033350	C	C	0.000535431	-0.001984	rs11033352
Helicobacter pylori	BE	rs11153772	C	C	0.00049123	0.0174365	rs11153773
Helicobacter pylori	BE	rs12576535	G	G	0.00054425	0.0294621	NA
Helicobacter pylori	BE	rs17825483	A	A	0.000480217	0.0421375	NA
Helicobacter pylori	BE	rs198000	T	T	0.000489174	0.000961507	NA
Helicobacter pylori	BE	rs2090178	C	C	-0.000512474	0.00956357	NA
Helicobacter pylori	BE	rs2317782	T	T	0.000498486	0.0205034	rs1567234
Helicobacter pylori	BE	rs2540838	A	A	0.000526433	0.00955623	rs2540846
Helicobacter pylori	BE	rs258035	G	G	0.000468031	0.0346914	rs27219
Helicobacter pylori	BE	rs4805719	T	T	-0.000498557	0.0380479	NA
Helicobacter pylori	BE	rs6560506	T	T	0.000623792	-0.00236424	NA
Helicobacter pylori	BE	rs6910011	T	T	0.000596199	-0.0221093	rs1925919
Helicobacter pylori	BE	rs7045123	A	A	-0.000523933	-0.0110498	NA
Helicobacter pylori	BE	rs7356865	G	G	-0.000491961	0.000601049	NA
Helicobacter pylori	BE	rs877601	C	C	-0.000508242	-0.0097039	NA
Helicobacter pylori	EA	rs10201472	G	G	0.00047203	-0.002	NA
Helicobacter pylori	EA	rs10863286	C	C	0.000483977	0.0277	NA
Helicobacter pylori	EA	rs11033350	C	C	0.000535431	0.0168	NA
Helicobacter pylori	EA	rs11153772	C	C	0.00049123	-0.0182	NA
Helicobacter pylori	EA	rs12576535	G	G	0.00054425	0.0525	NA
Helicobacter pylori	EA	rs17825483	A	A	0.000480217	0.0088	NA
Helicobacter pylori	EA	rs2090178	C	C	-0.000512474	0.0099	NA
Helicobacter pylori	EA	rs2317782	T	T	0.000498486	0.0238	NA
Helicobacter pylori	EA	rs2540838	A	A	0.000526433	0.0428	NA
Helicobacter pylori	EA	rs258035	G	G	0.000468031	0.0172	NA
Helicobacter pylori	EA	rs3114428	G	G	0.000481446	-0.0253	NA
Helicobacter pylori	EA	rs4805719	T	T	-0.000498557	-0.0407	NA
Helicobacter pylori	EA	rs6065743	A	A	0.000493643	0.0197	NA
Helicobacter pylori	EA	rs613534	G	G	-0.000485738	-0.0375	rs491626

Helicobacter pylori	EA	rs6534120	G	G	-0.000479589	-0.0353	NA
Helicobacter pylori	EA	rs6560506	T	T	0.000623792	-0.0327	NA
Helicobacter pylori	EA	rs6910011	T	T	0.000596199	-0.036	NA
Helicobacter pylori	EA	rs7045123	A	A	-0.000523933	-0.0076	NA
Helicobacter pylori	EA	rs7356865	G	G	-0.000491961	0.0351	NA
Helicobacter pylori	EA	rs8052556	T	T	0.000517611	0.0286	NA
Helicobacter pylori	EA	rs877601	C	C	-0.000508242	-0.0375	NA
Helicobacter pylori	EA	rs9450412	T	T	-0.000467123	0.0161	NA