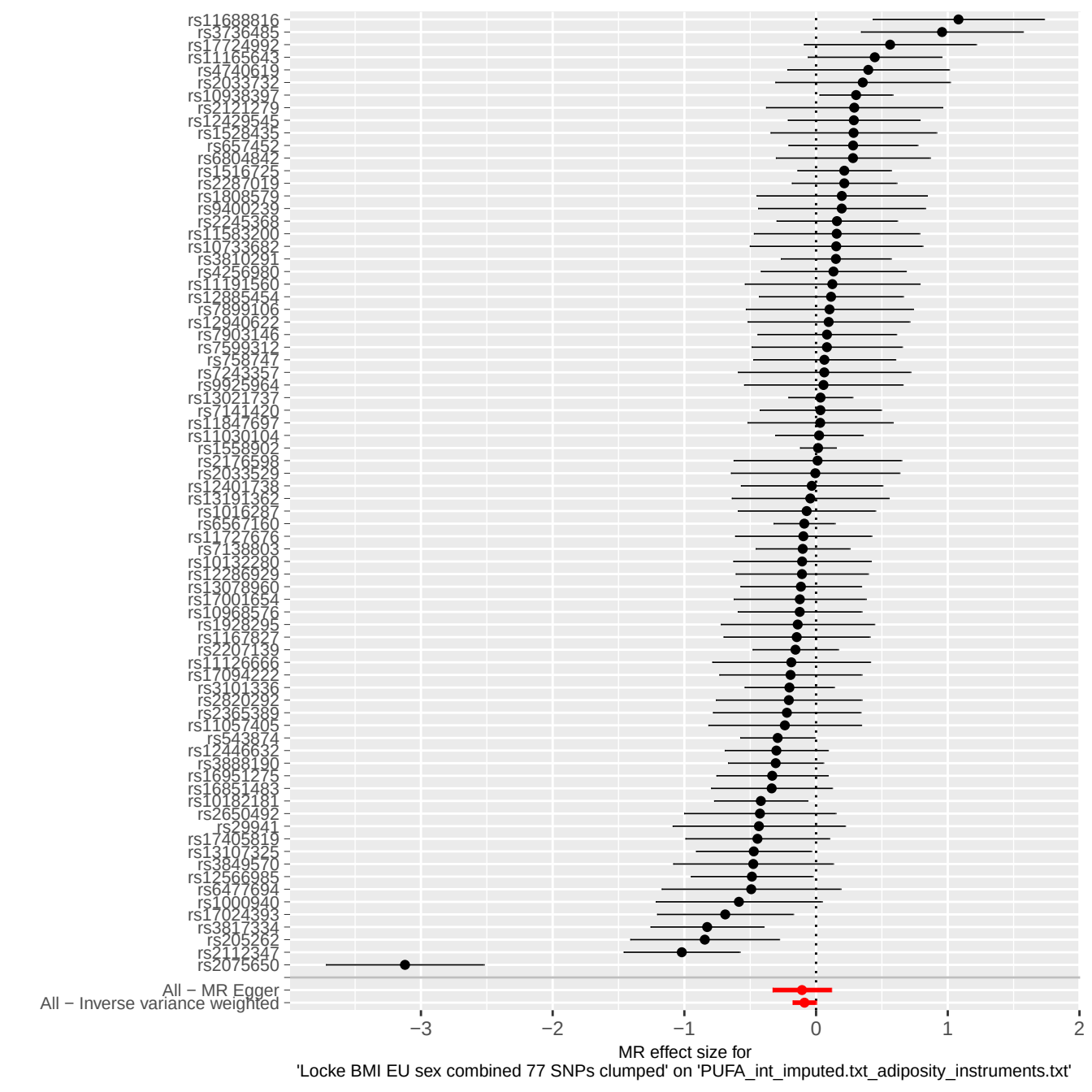
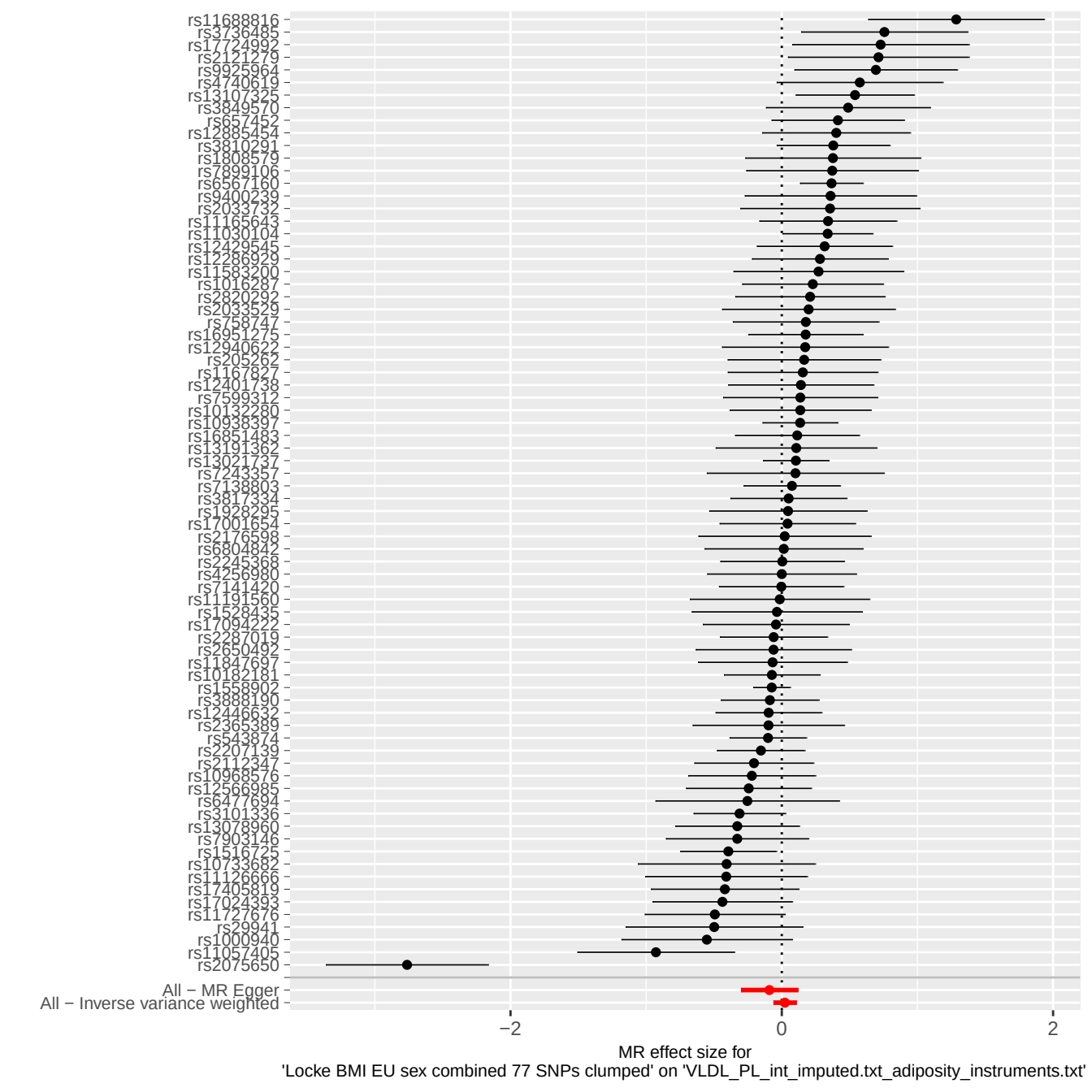
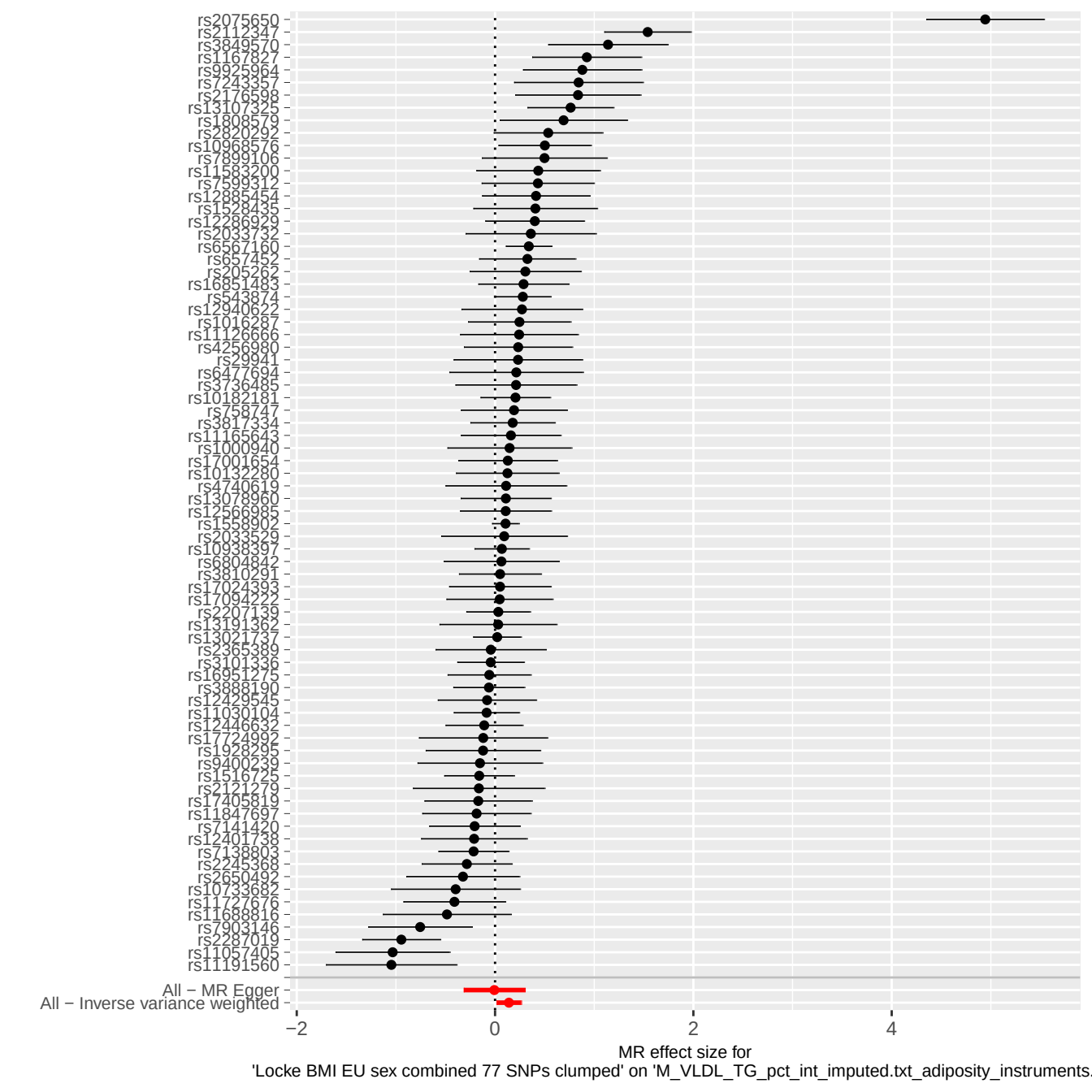
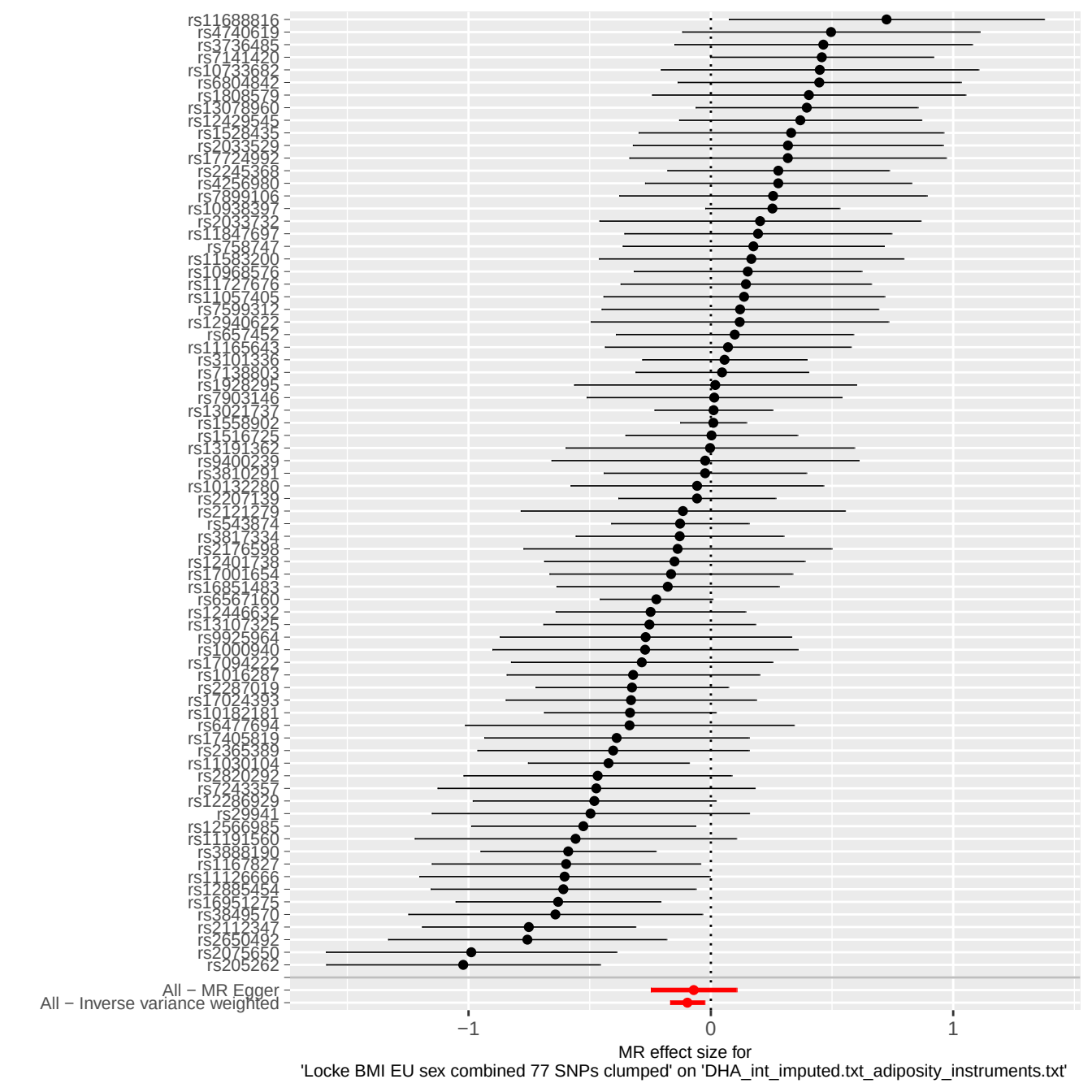
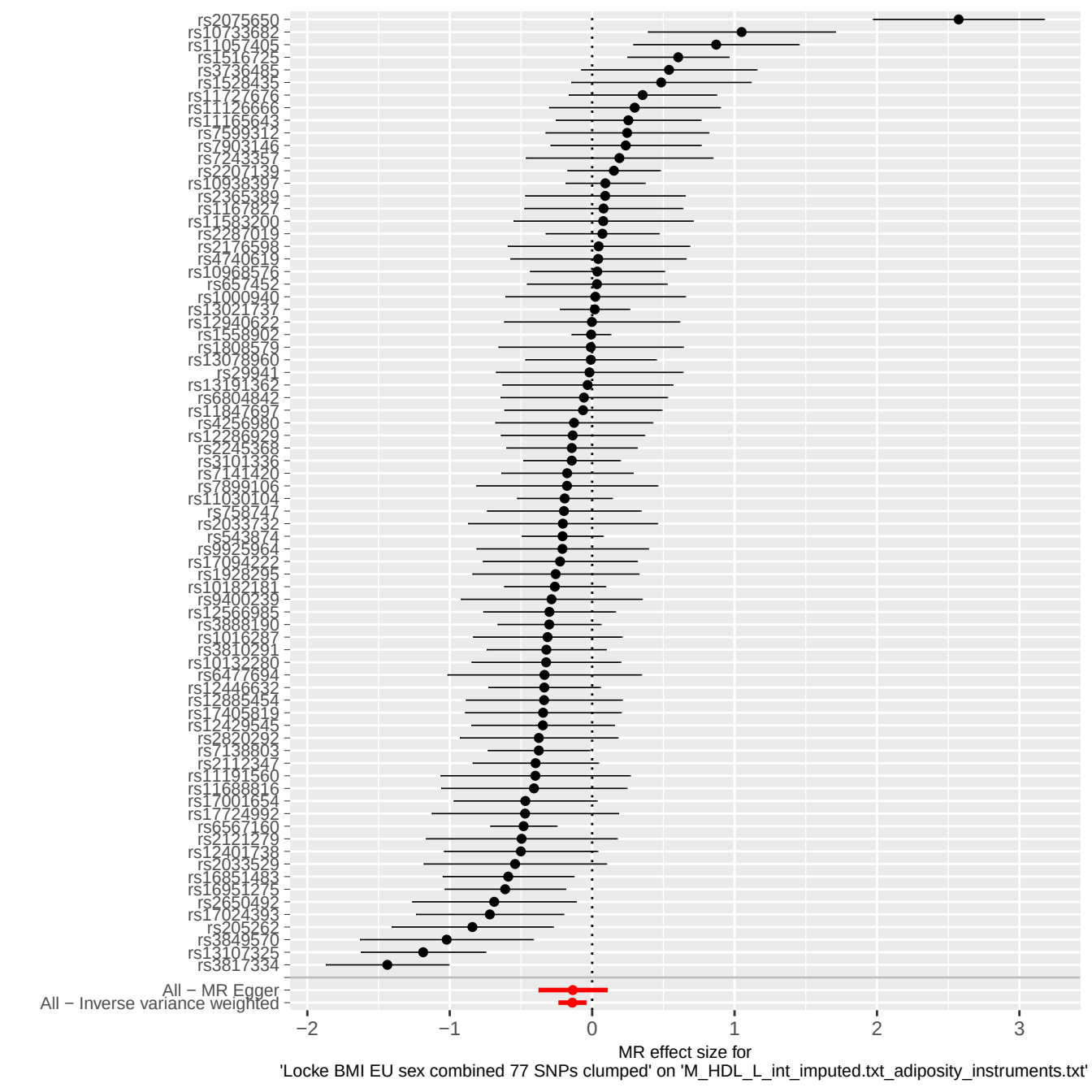
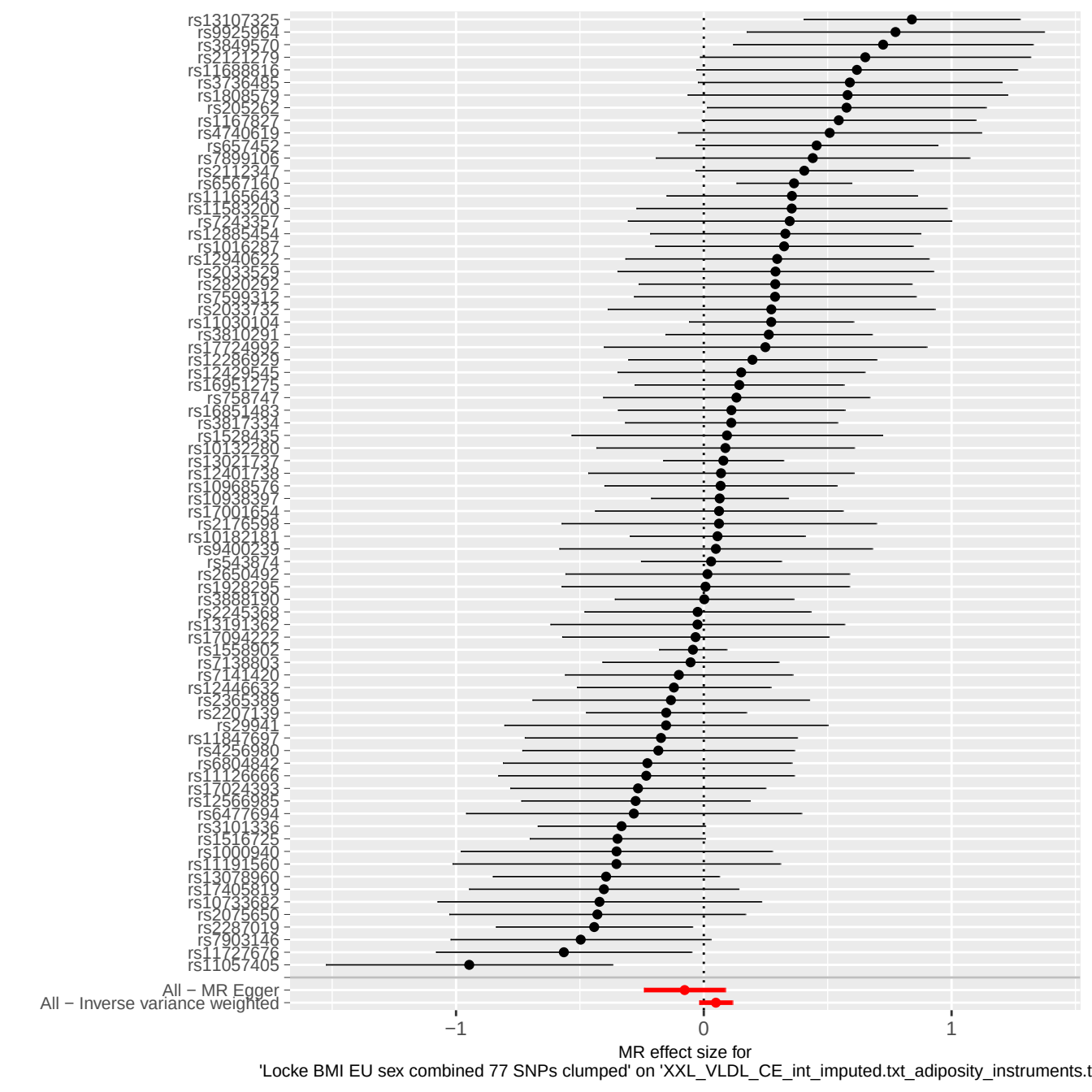

rs11688816
rs3736485
rs17724992
rs11165643
rs4740619
rs2033732
rs10938397
rs2121279
rs12429545
rs1528435
rs657452
rs6804842
rs1516725
rs2287019
rs1808579
rs9400239
rs2245368
rs11583200
rs10733682
rs3810291
rs4256980
rs11191560
rs12885454
rs7899106
rs12940622
rs7903146
rs7599312
rs758747
rs7243357
rs9925964
rs13021737
rs7141420
rs11847697
rs11030104
rs1558902
rs2176598
rs2033529
rs12401738
rs13191362
rs1016287
rs6567160
rs11727676
rs7138803
rs10132280
rs12286929
rs13078960
rs17001654
rs10968576
rs1928295
rs1167827
rs2207139
rs11126666
rs17094222
rs3101336
rs2820292
rs2365389
rs11057405
rs543874
rs12446632
rs3888190
rs16951275
rs16851483
rs10182181
rs2650492
rs29941
rs17405819
rs13107325
rs3849570
rs12566985
rs6477694
rs1000940
rs17024393
rs3817334
rs205262
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'PUFA_int_imputed.txt_adiposity_instruments.txt'

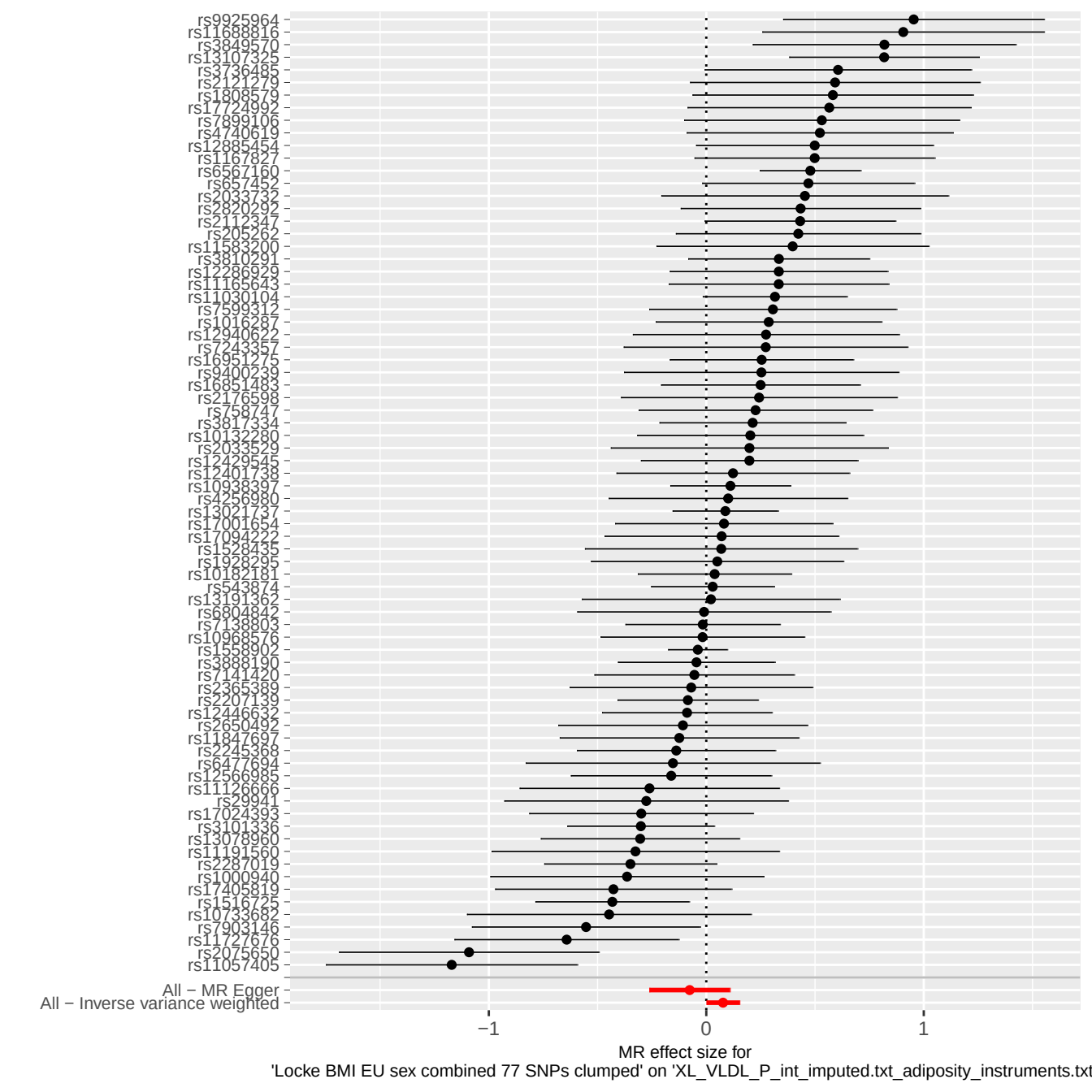

rs11688816
rs3736485
rs17724992
rs2121279
rs9925964
rs4740619
rs13107325
rs3849570
rs657452
rs12885454
rs3810291
rs1808579
rs7899106
rs6567160
rs9400239
rs2033732
rs11165643
rs11030104
rs12429545
rs12286929
rs11583200
rs1016287
rs2820292
rs2033529
rs758747
rs16951275
rs12940622
rs205262
rs1167827
rs12401738
rs7599312
rs10132280
rs10938397
rs16851483
rs13191362
rs13021737
rs7243357
rs7138803
rs3817334
rs1928295
rs17001654
rs2176598
rs6804842
rs2245368
rs4256980
rs7141420
rs1191560
rs1528435
rs17094222
rs2287019
rs2650492
rs11847697
rs10182181
rs1558902
rs3888190
rs12446632
rs2365389
rs543874
rs2207139
rs2112347
rs10968576
rs12566985
rs6477694
rs3101336
rs13078960
rs7903146
rs1516725
rs10733682
rs11126666
rs17405819
rs17024393
rs11727676
rs29941
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'VLDL_PL_int_imputed.txt_adiposity_instruments.txt'

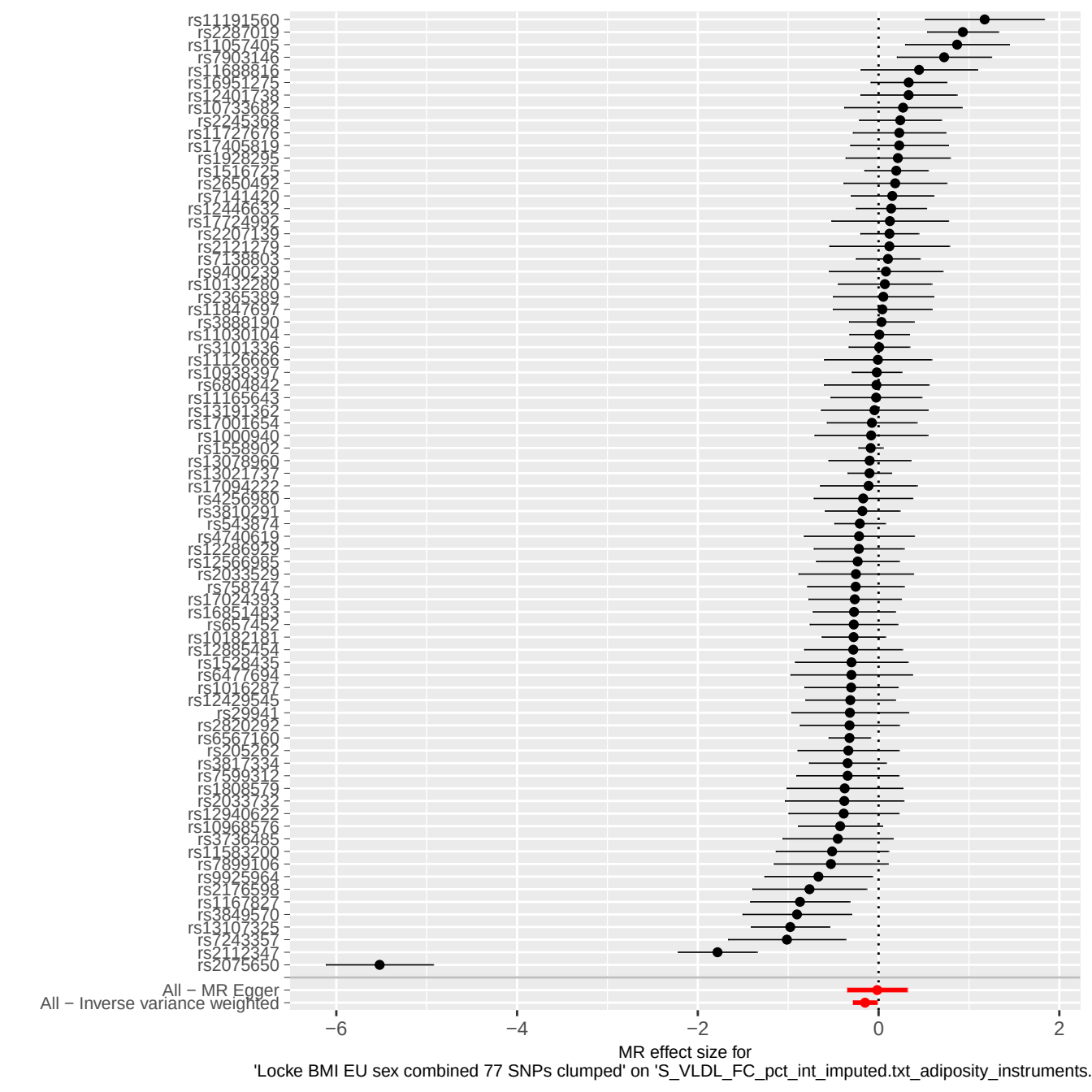

rs2075650
rs2112347
rs3849570
rs1167827
rs9925964
rs7243357
rs2176598
rs13107325
rs1808579
rs2820292
rs10968576
rs7899106
rs11583200
rs7599312
rs12885454
rs1528435
rs12286929
rs2033732
rs6567160
rs657452
rs205262
rs16851483
rs543874
rs12940622
rs1016287
rs11126666
rs4256980
rs29941
rs6477694
rs3736485
rs10182181
rs758747
rs3817334
rs11165643
rs1000940
rs17001654
rs10132280
rs4740619
rs13078960
rs12566985
rs1558902
rs2033529
rs10938397
rs6804842
rs3810291
rs17024393
rs17094222
rs2207139
rs13191362
rs13021737
rs2365389
rs3101336
rs16951275
rs3888190
rs12429545
rs11030104
rs12446632
rs17724992
rs1928295
rs9400239
rs1516725
rs2121279
rs17405819
rs11847697
rs7141420
rs12401738
rs7138803
rs2245368
rs2650492
rs10733682
rs11727676
rs11688816
rs7903146
rs2287019
rs11057405
rs11191560
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_TG_pct_int_imputed.txt_adiposity_instruments.

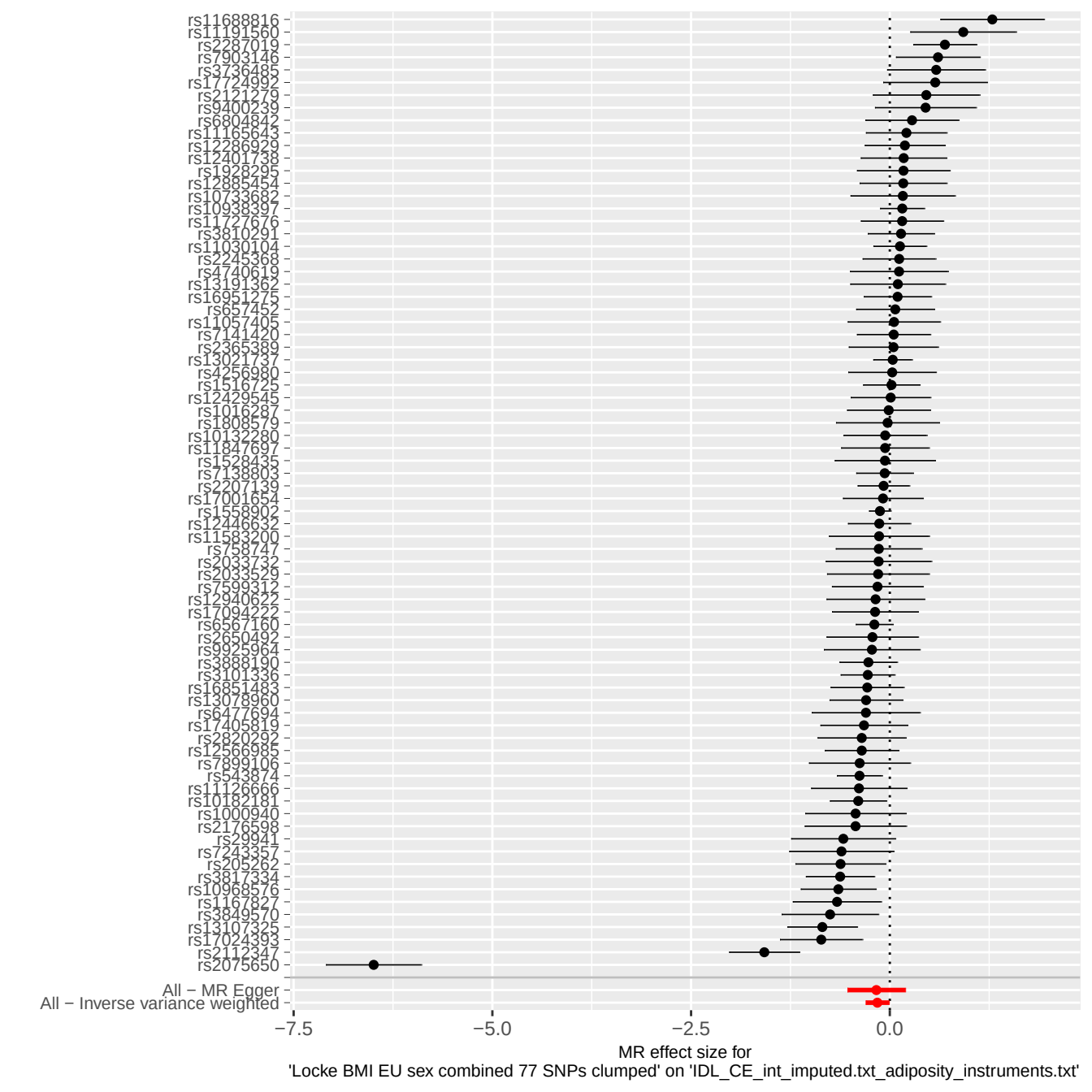

rs11688816
rs4740619
rs3736485
rs7141420
rs10733682
rs6804842
rs1808579
rs13078960
rs12429545
rs1528435
rs2033529
rs17724992
rs2245368
rs4256980
rs7899106
rs10938397
rs2033732
rs11847697
rs758747
rs11583200
rs10968576
rs11727676
rs11057405
rs7599312
rs12940622
rs657452
rs11165643
rs3101336
rs7138803
rs1928295
rs7903146
rs13021737
rs1558902
rs1516725
rs13191362
rs9400239
rs3810291
rs10132280
rs2207139
rs2212179
rs543874
rs3817334
rs2176598
rs12401738
rs17001654
rs16851483
rs6567160
rs12446632
rs13107325
rs9925964
rs1000940
rs17094222
rs1016287
rs2287019
rs17024393
rs10182181
rs6477694
rs17405819
rs2365389
rs11030104
rs2820292
rs7243357
rs12286929
rs29941
rs12566985
rs11191560
rs3888190
rs1167827
rs11126666
rs12885454
rs16951275
rs3849570
rs2112347
rs2650492
rs2075650
rs205262
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'DHA_int_imputed.txt_adiposity_instruments.txt'

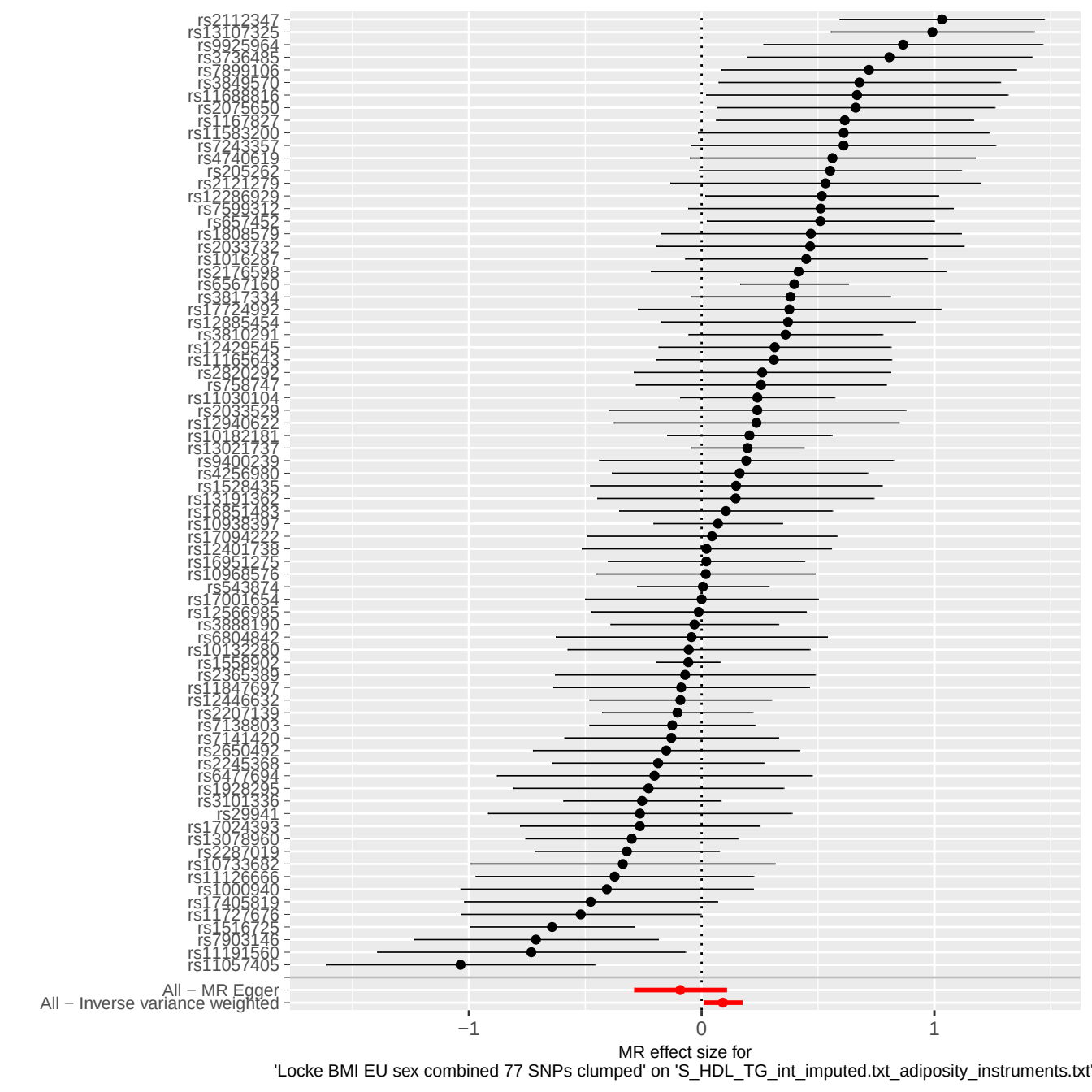

rs2075650
rs10733682
rs11057405
rs1516725
rs3736485
rs1528435
rs11727676
rs11126666
rs11165643
rs7599312
rs7903146
rs7243357
rs2207139
rs10938397
rs2365389
rs1167827
rs11583200
rs2287019
rs2176598
rs4740619
rs10968576
rs657452
rs1000940
rs13021737
rs12940622
rs1558902
rs1808579
rs13078960
rs29941
rs13191362
rs6804842
rs11847697
rs4256980
rs12286929
rs2245368
rs3101336
rs7141420
rs7899106
rs11030104
rs758747
rs2033732
rs543874
rs9925964
rs17094222
rs1928295
rs10182181
rs9400239
rs12566985
rs3888190
rs1016287
rs3810291
rs10132280
rs6477694
rs12446632
rs12885454
rs17405819
rs12429545
rs2820292
rs7138803
rs2112347
rs11191560
rs11688816
rs17001654
rs17724992
rs6567160
rs2121279
rs12401738
rs2033529
rs16851483
rs16951275
rs2650492
rs17024393
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_L_int_imputed.txt_adiposity_instruments.txt'

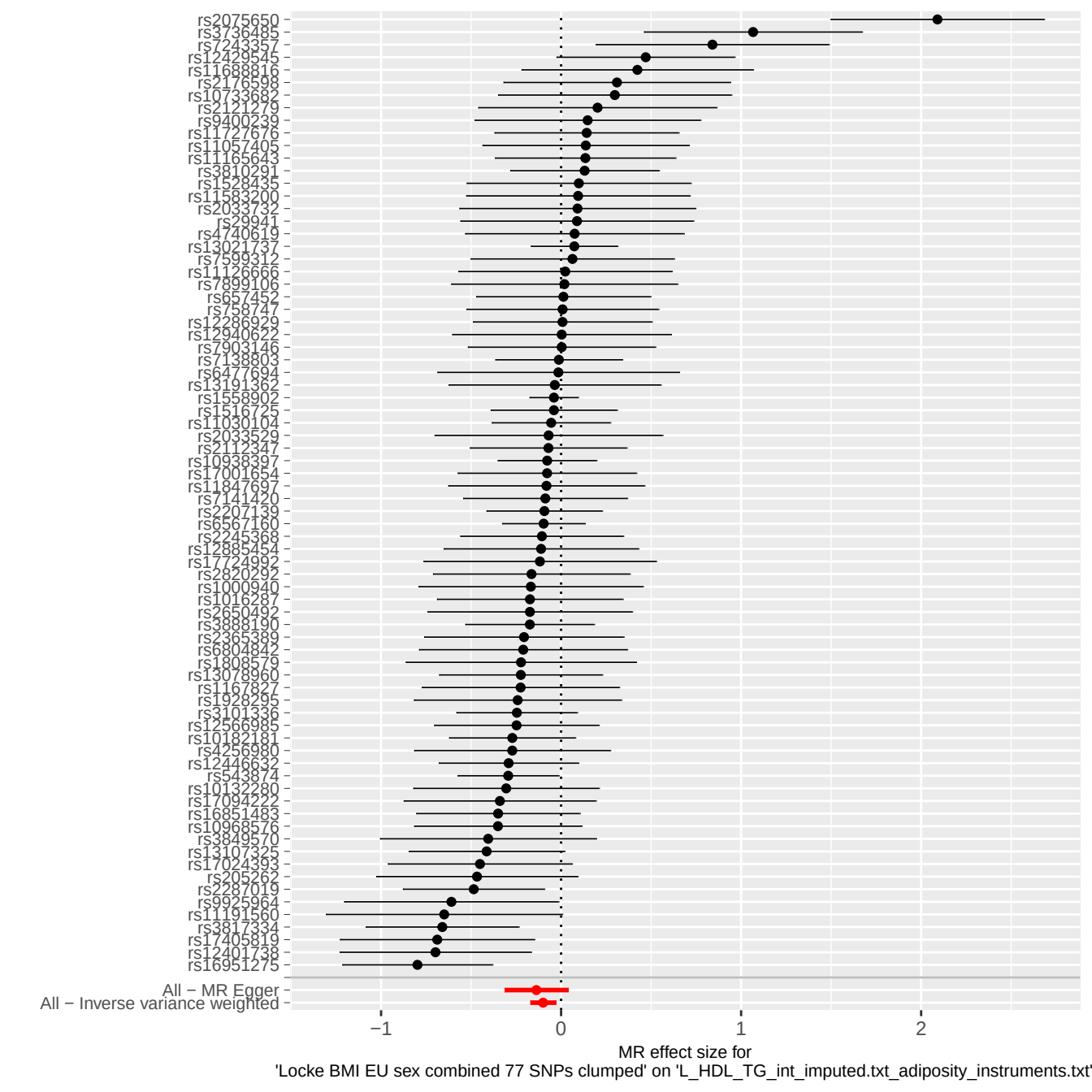

rs13107325
rs9925964
rs3849570
rs2121279
rs11688816
rs3736485
rs1808579
rs205262
rs1167827
rs4740619
rs657452
rs7899106
rs2112347
rs6567160
rs11165643
rs11583200
rs7243357
rs12885454
rs1016287
rs12940622
rs2033529
rs2820292
rs7599312
rs2033732
rs11030104
rs3810291
rs17724992
rs12286929
rs12429545
rs16951275
rs758747
rs16851483
rs3817334
rs1528435
rs10132280
rs13021737
rs12401738
rs10968576
rs10938397
rs17001654
rs2176598
rs10182181
rs9400239
rs543874
rs2650492
rs1928295
rs3888190
rs2245368
rs13191362
rs17094222
rs1558902
rs7138803
rs7141420
rs12446632
rs2365389
rs2207139
rs29941
rs11847697
rs4256980
rs6804842
rs11126666
rs17024393
rs12566985
rs6477694
rs3101336
rs1516725
rs1000940
rs11191560
rs13078960
rs17405819
rs10733682
rs2075650
rs2287019
rs7903146
rs11727676
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_CE_int_imputed.txt_adiposity_instruments.t

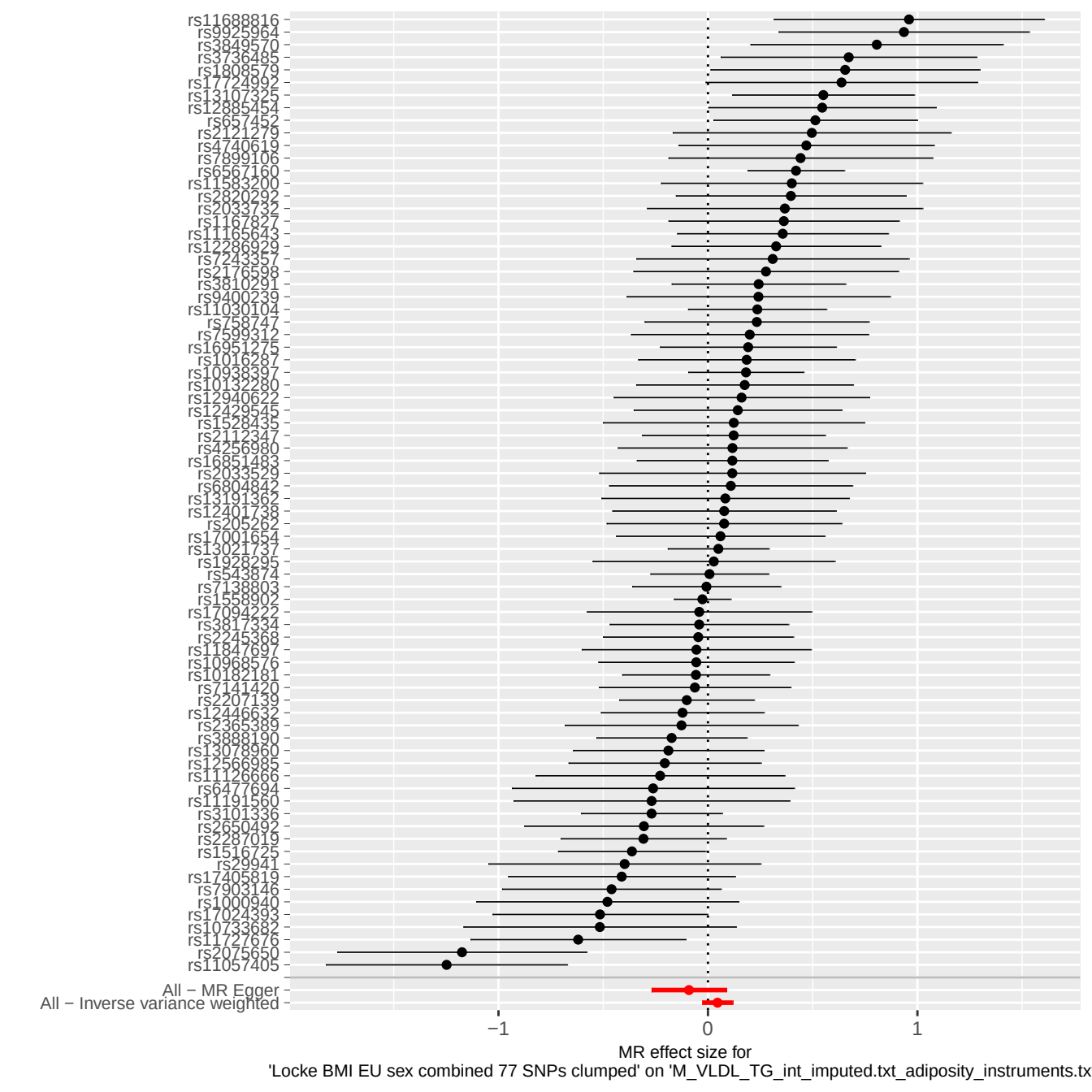

rs9925964
rs11688816
rs3849570
rs13107325
rs3736485
rs2121279
rs1808579
rs17724992
rs7899106
rs4740619
rs12885454
rs1167827
rs6567160
rs657452
rs2033732
rs2820292
rs2112347
rs205262
rs11583200
rs3810291
rs12286929
rs11165643
rs11030104
rs7599312
rs1016287
rs12940622
rs7243357
rs16951275
rs9400239
rs16851483
rs2176598
rs758747
rs3817334
rs10132280
rs2033529
rs12429545
rs12401738
rs10938397
rs4256980
rs13021737
rs17001654
rs17094222
rs1528435
rs1928295
rs10182181
rs543874
rs13191362
rs6804842
rs7138803
rs10968576
rs1558902
rs3888190
rs7141420
rs2365389
rs2207139
rs12446632
rs2650492
rs11847697
rs2245368
rs6477694
rs12566985
rs11126666
rs29941
rs17024393
rs3101336
rs13078960
rs11191560
rs2287019
rs1000940
rs17405819
rs1516725
rs10733682
rs7903146
rs11727676
rs2075650
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_P_int_imputed.txt_adiposity_instruments.txt

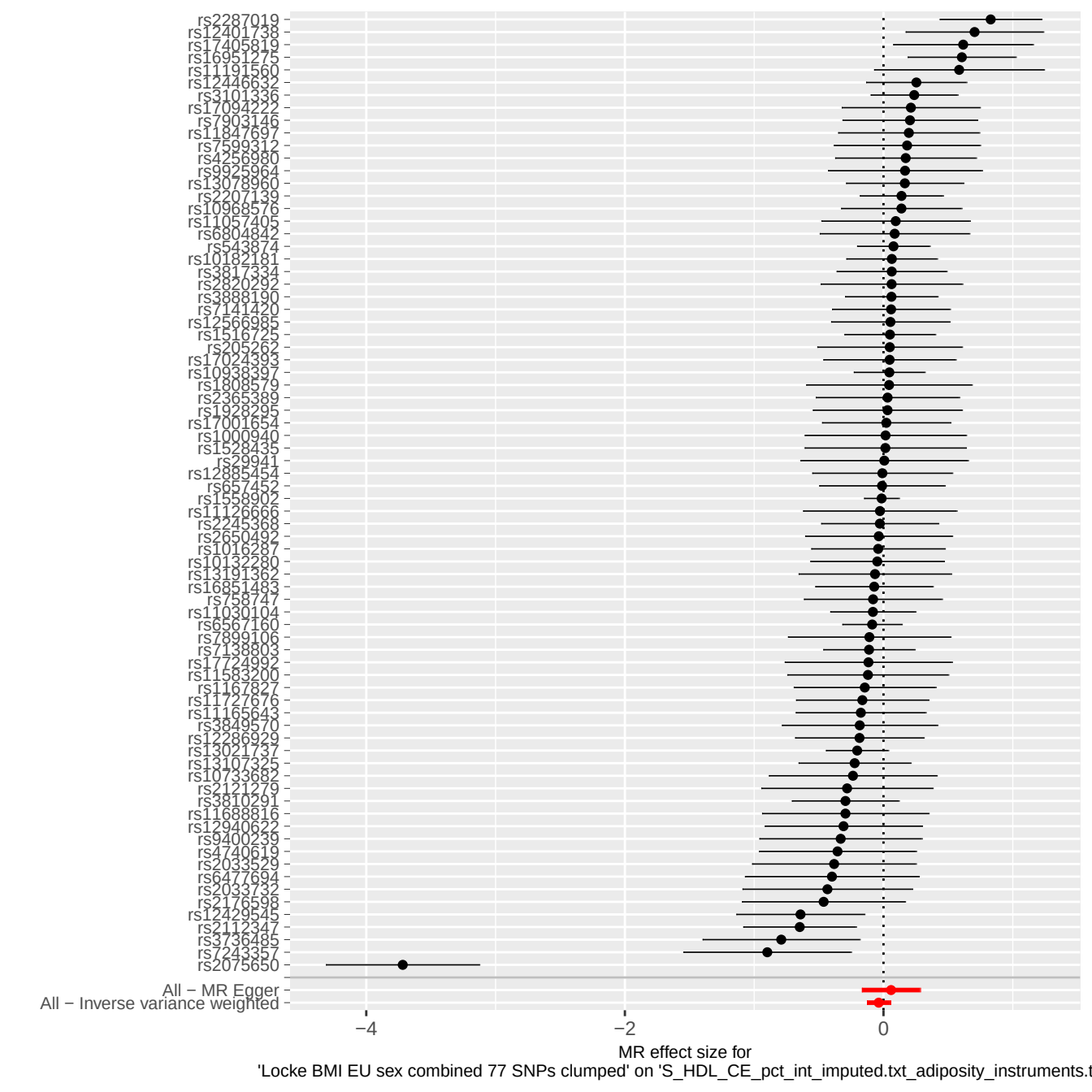

rs11191560
rs2287019
rs11057405
rs7903146
rs11688816
rs16951275
rs12401738
rs10733682
rs2245368
rs11727676
rs17405819
rs1928295
rs1516725
rs2650492
rs7141420
rs12446632
rs17724992
rs2207139
rs2121279
rs7138803
rs9400239
rs10132280
rs2365389
rs11847697
rs3888190
rs11030104
rs3101336
rs11126666
rs10938397
rs6804842
rs11165643
rs13191362
rs17001654
rs1000940
rs1558902
rs13078960
rs13021737
rs17094222
rs4256980
rs3810291
rs543874
rs4740619
rs12286929
rs12566985
rs2033529
rs758747
rs17024393
rs16851483
rs657452
rs10182181
rs12885454
rs1528435
rs6477694
rs1016287
rs12429545
rs29941
rs2820292
rs6567160
rs205262
rs3817334
rs7599312
rs1808579
rs2033732
rs12940622
rs10968576
rs3736485
rs11583200
rs7899106
rs9925964
rs2176598
rs1167827
rs3849570
rs13107325
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_FC_pct_int_imputed.txt_adiposity_instruments.

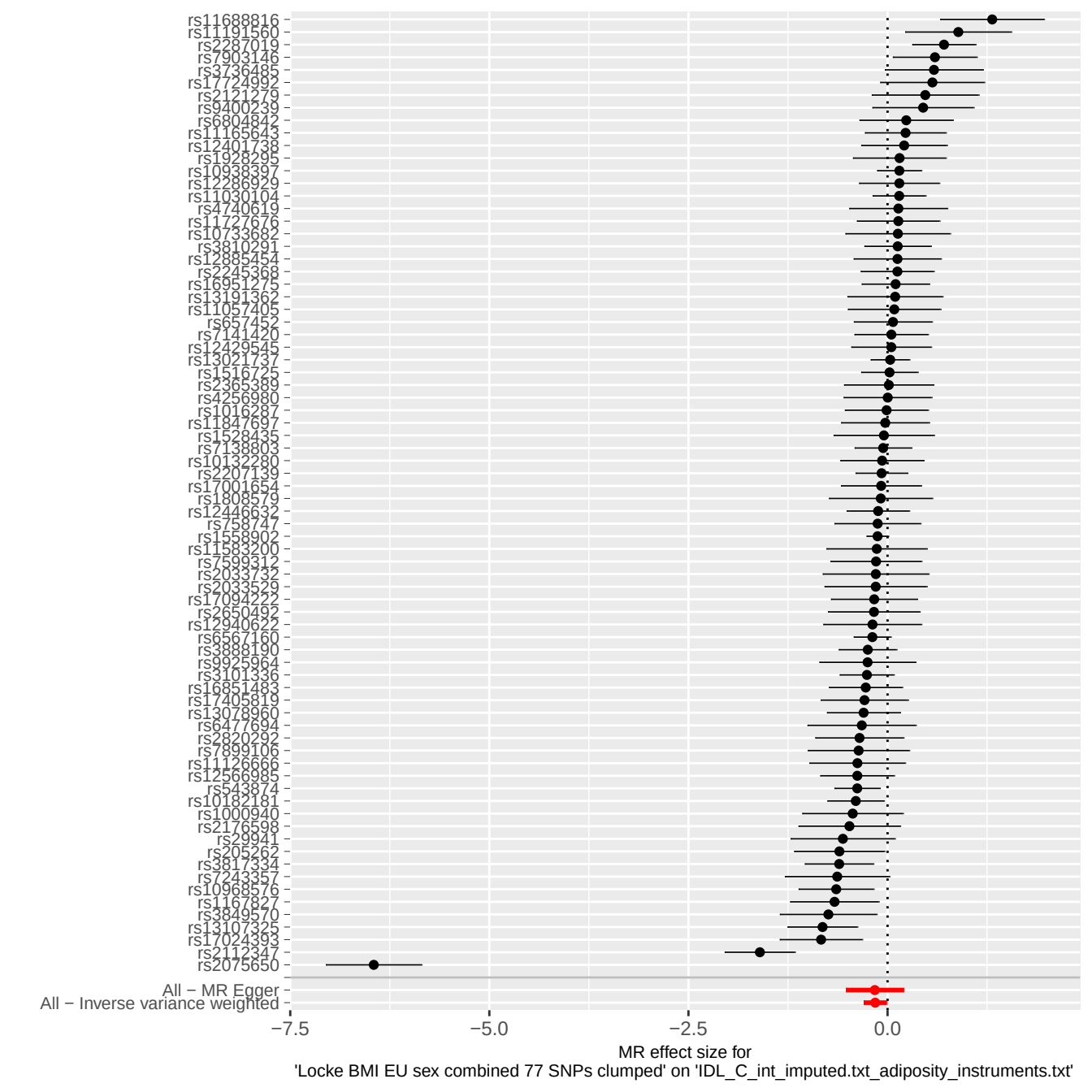

rs11688816
rs11191560
rs2287019
rs7903146
rs3736485
rs17724992
rs2121279
rs9400239
rs6804842
rs11165643
rs12286929
rs12401738
rs1928295
rs12885454
rs10733682
rs10938397
rs11727676
rs3810291
rs11030104
rs2245368
rs4740619
rs13191362
rs16951275
rs657452
rs11057405
rs7141420
rs2365389
rs13021737
rs4256980
rs1516725
rs12429545
rs1016287
rs1808579
rs10132280
rs11847697
rs1528435
rs7138803
rs2207139
rs17001654
rs1558902
rs12446632
rs11583200
rs758747
rs2033732
rs2033529
rs7599312
rs12940622
rs17094222
rs6567160
rs2650492
rs9925964
rs3888190
rs3101336
rs16851483
rs13078960
rs6477694
rs17405819
rs2820292
rs12566985
rs7899106
rs543874
rs11126666
rs10182181
rs1000940
rs2176598
rs29941
rs7243357
rs205262
rs3817334
rs10968576
rs1167827
rs3849570
rs13107325
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_CE_int_imputed.txt_adiposity_instruments.txt'

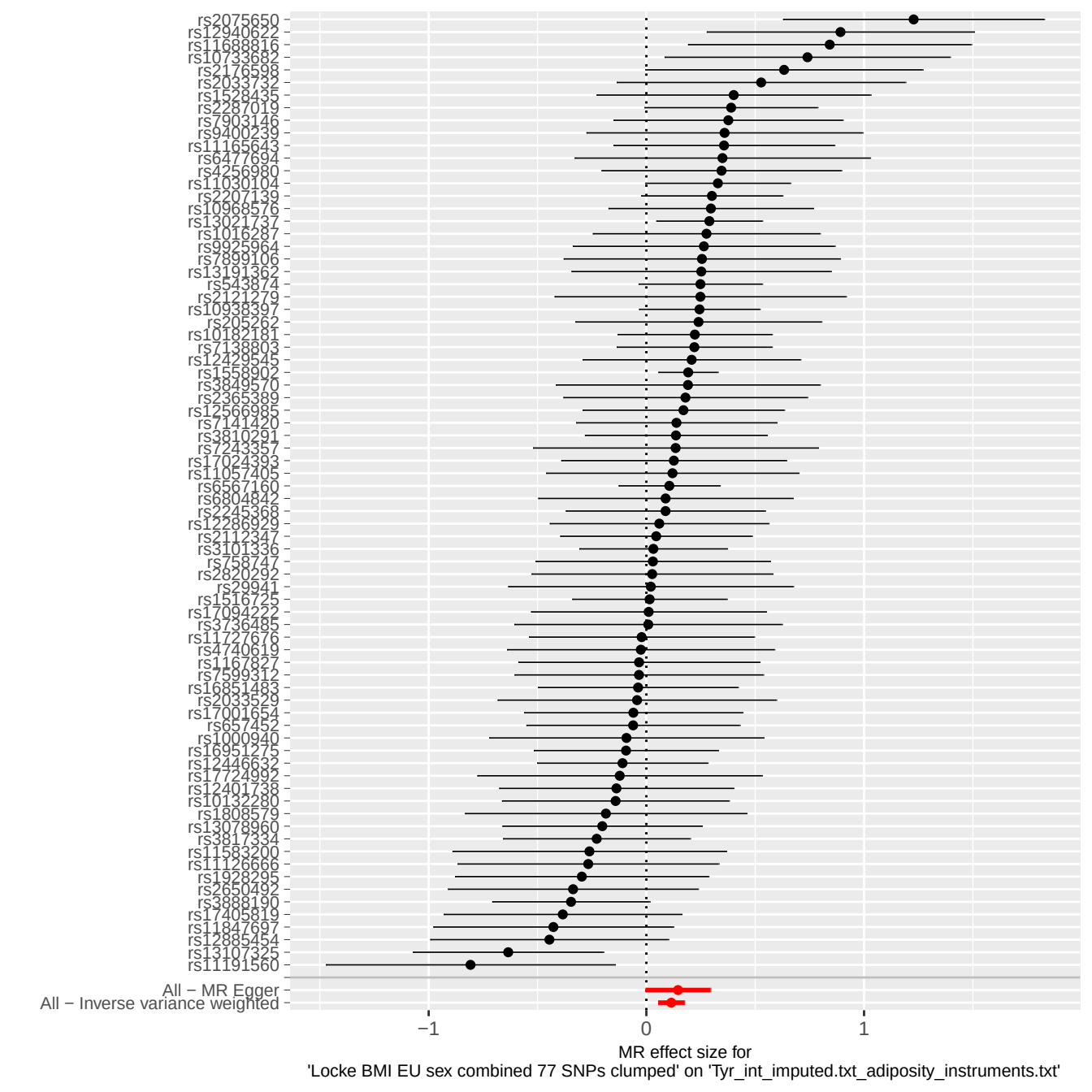

rs2112347
rs13107325
rs9925964
rs3736485
rs7899106
rs3849570
rs11688816
rs2075650
rs1167827
rs11583200
rs7243357
rs4740619
rs205262
rs2121279
rs12286929
rs7599312
rs657452
rs1808579
rs2033732
rs1016287
rs2176598
rs6567160
rs3817334
rs17724992
rs12885454
rs3810291
rs12429545
rs11165643
rs2820292
rs758747
rs11030104
rs2033529
rs12940622
rs10182181
rs13021737
rs9400239
rs4256980
rs1528435
rs13191362
rs16851483
rs10938397
rs17094222
rs12401738
rs16951275
rs10968576
rs543874
rs17001654
rs12566985
rs3888190
rs6804842
rs10132280
rs1558902
rs2365389
rs11847697
rs12446632
rs2207139
rs7138803
rs7141420
rs2650492
rs2245368
rs6477694
rs1928295
rs3101336
rs29941
rs17024393
rs13078960
rs2287019
rs10733682
rs11126666
rs1000940
rs17405819
rs11727676
rs1516725
rs7903146
rs11191560
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_TG_int_imputed.txt_adiposity_instruments.txt'

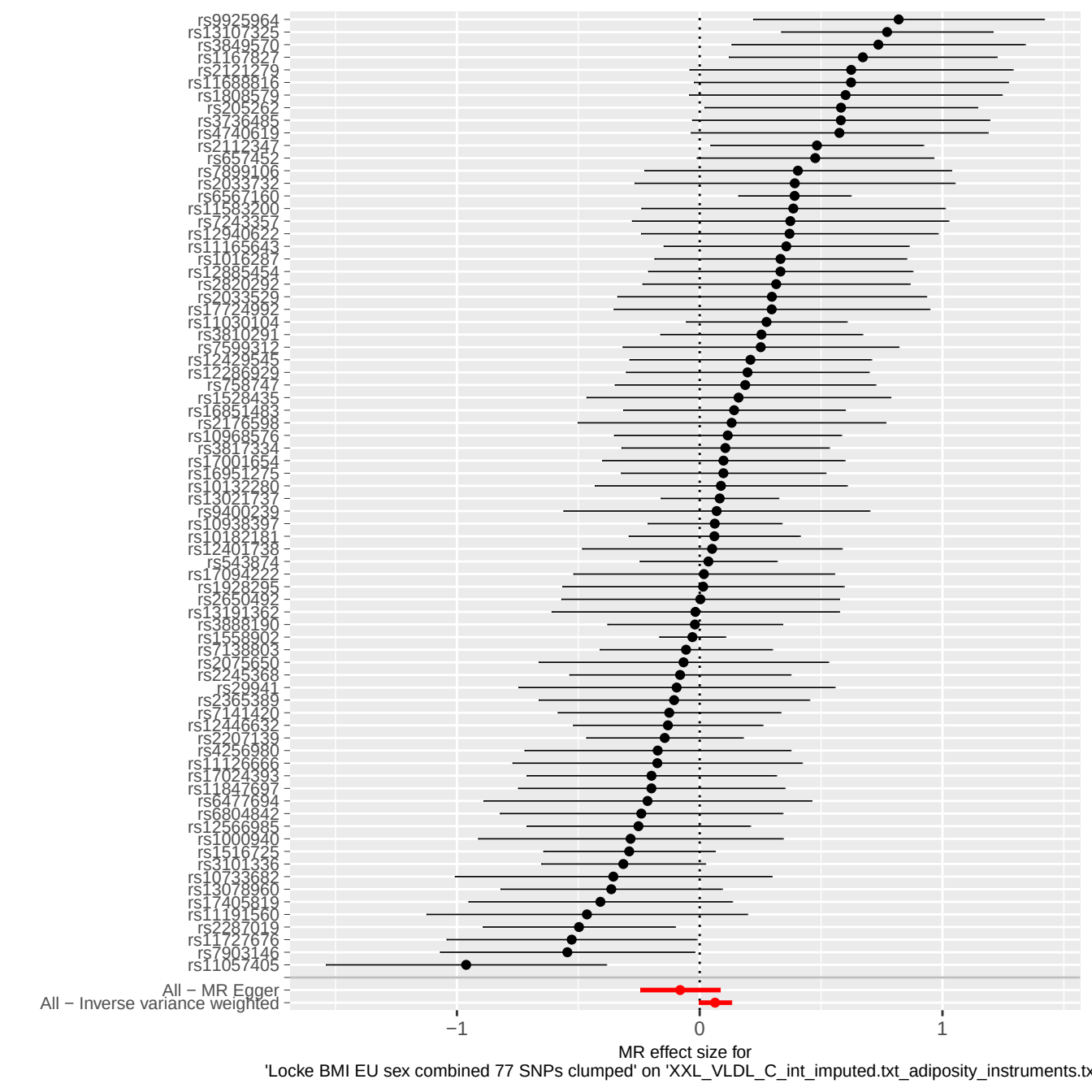

rs2075650
rs3736485
rs7243357
rs12429545
rs11688816
rs2176598
rs10733682
rs2121279
rs9400239
rs11727676
rs11057405
rs11165643
rs3810291
rs1528435
rs11583200
rs2033732
rs29941
rs4740619
rs13021737
rs7599312
rs11126666
rs7899106
rs657452
rs758747
rs12286929
rs12940622
rs7903146
rs7138803
rs6477694
rs13191362
rs1558902
rs1516725
rs11030104
rs2033529
rs2112347
rs10938397
rs17001654
rs11847697
rs7141420
rs2207139
rs6567160
rs2245368
rs12885454
rs17724992
rs2820292
rs1000940
rs1016287
rs2650492
rs3888190
rs2365369
rs6804842
rs1808579
rs13078960
rs1167827
rs1928295
rs3101336
rs12566985
rs10182181
rs4256980
rs12446632
rs543874
rs10132280
rs17094222
rs16851483
rs10968576
rs3849570
rs13107325
rs17024393
rs205262
rs2287019
rs9925964
rs11191560
rs3817334
rs17405819
rs12401738
rs16951275
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_TG_int_imputed.txt_adiposity_instruments.txt'

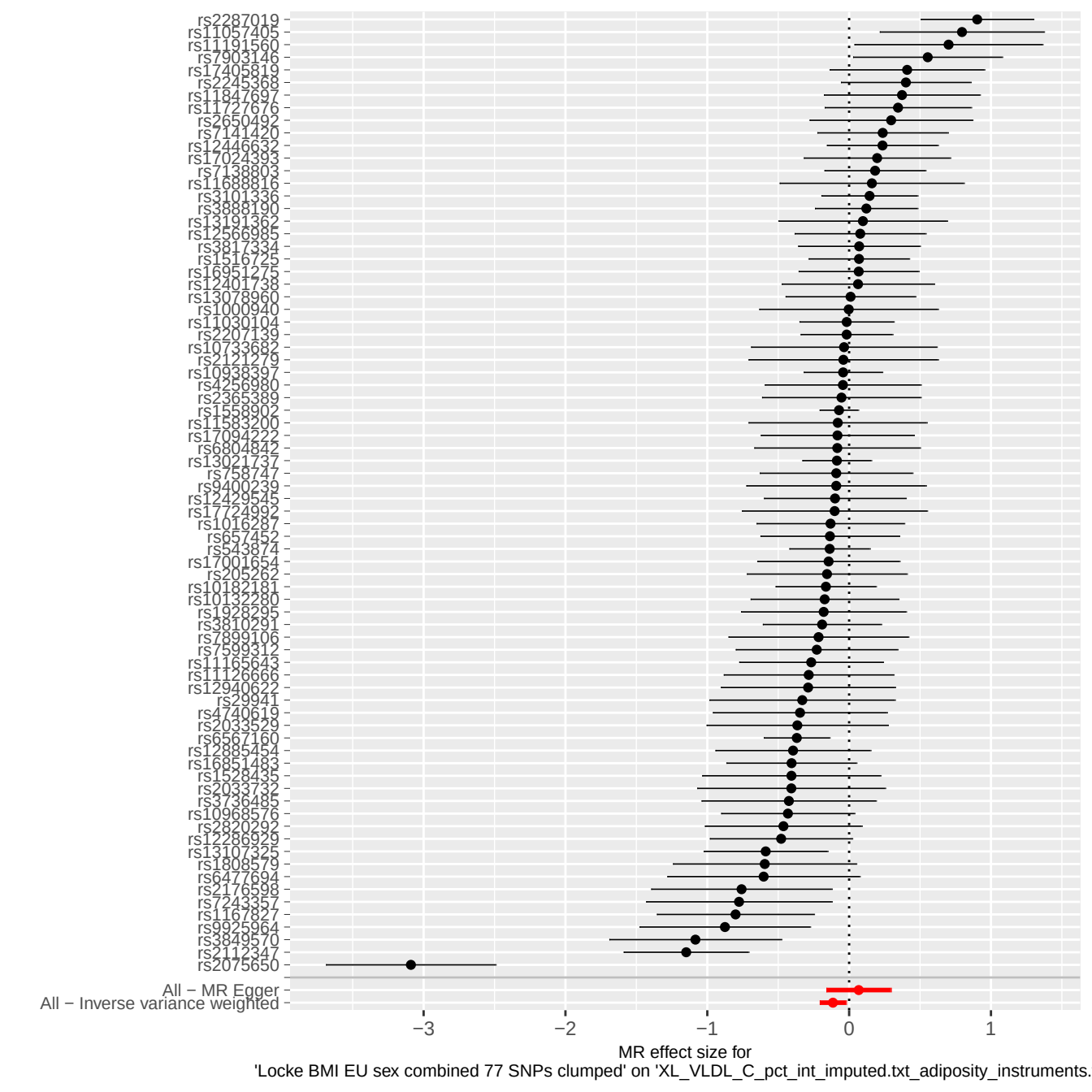

rs11688816
rs9925964
rs3849570
rs3736485
rs1808579
rs17724992
rs13107325
rs12885454
rs657452
rs2121279
rs4740619
rs7899106
rs6567160
rs11583200
rs2820292
rs2033732
rs1167827
rs11165643
rs12286929
rs7243357
rs2176598
rs3810291
rs9400239
rs11030104
rs758747
rs7599312
rs16951275
rs1016287
rs10938397
rs10132280
rs12940622
rs12429545
rs1528435
rs2112347
rs4256980
rs16851483
rs2033529
rs6804842
rs13191362
rs12401738
rs205262
rs17001654
rs13021737
rs1928295
rs543874
rs7138803
rs1558902
rs17094222
rs3817334
rs2245368
rs11847697
rs10968576
rs10182181
rs7141420
rs2207139
rs12446632
rs2365389
rs3888190
rs13078960
rs12566985
rs11126666
rs6477694
rs11191560
rs3101336
rs2650492
rs2287019
rs1516725
rs29941
rs17405819
rs7903146
rs1000940
rs17024393
rs10733682
rs11727676
rs2075650
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_TG_int_imputed.txt_adiposity_instruments.tx

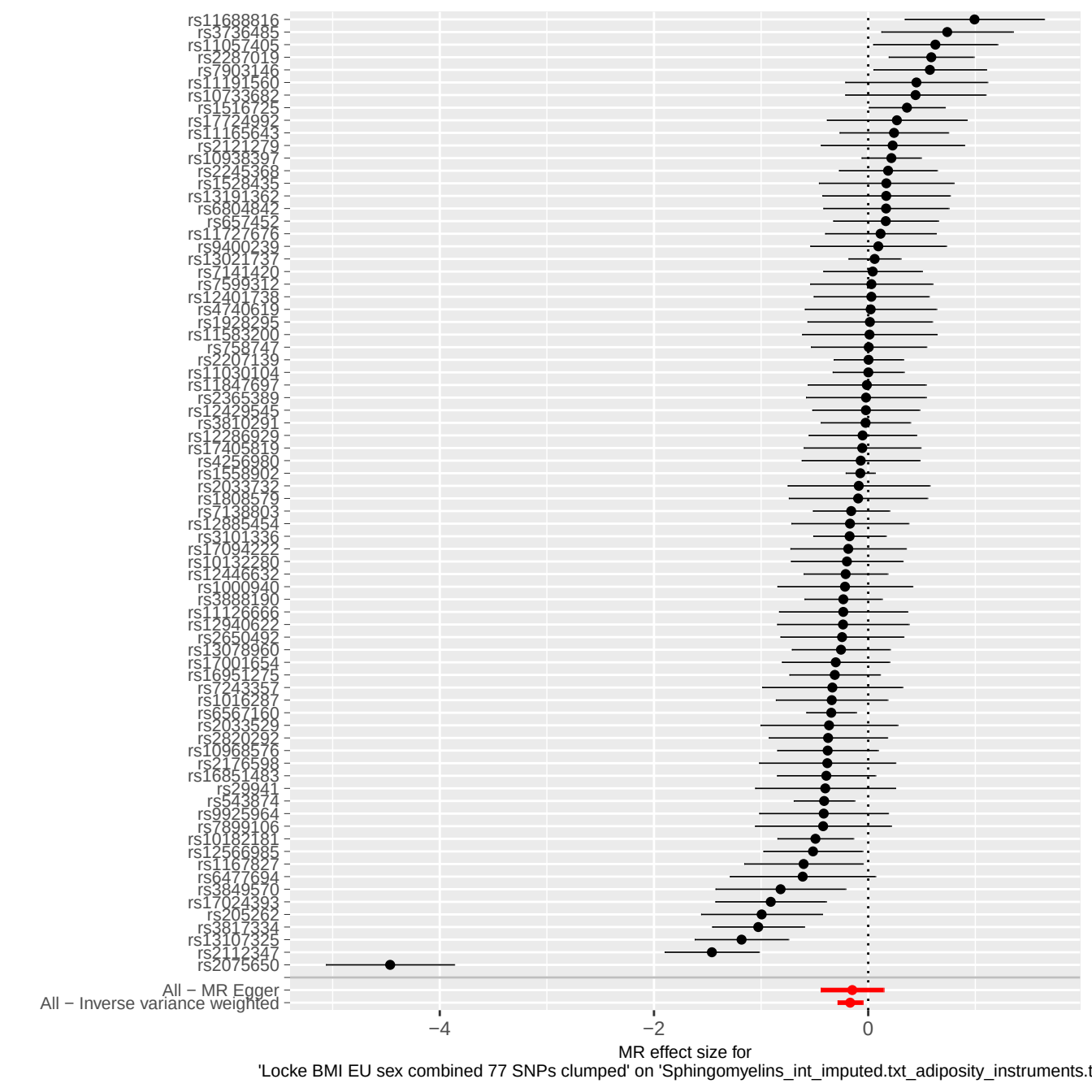

rs2287019
rs12401738
rs17405819
rs16951275
rs11191560
rs12446632
rs3101336
rs17094222
rs7903146
rs11847697
rs7599312
rs4256980
rs9925964
rs13078960
rs2207139
rs10968576
rs11057405
rs6804842
rs543874
rs10182181
rs3817334
rs2820292
rs3888190
rs7141420
rs12566985
rs1516725
rs205262
rs17024393
rs10938397
rs1808579
rs2365389
rs1928295
rs17001654
rs1000940
rs1528435
rs29941
rs12885454
rs657452
rs1558902
rs11126666
rs2245368
rs2650492
rs1016287
rs10132280
rs13191362
rs16851483
rs758747
rs11030104
rs6567160
rs7899106
rs7138803
rs17724992
rs11583200
rs1167827
rs11727676
rs11165643
rs3849570
rs12286929
rs13021737
rs13107325
rs10733682
rs2121279
rs3810291
rs11688816
rs12940622
rs9400239
rs4740619
rs2033529
rs6477694
rs2033732
rs2176598
rs12429545
rs2112347
rs3736485
rs7243357
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_CE_pct_int_imputed.txt_adiposity_instruments.t

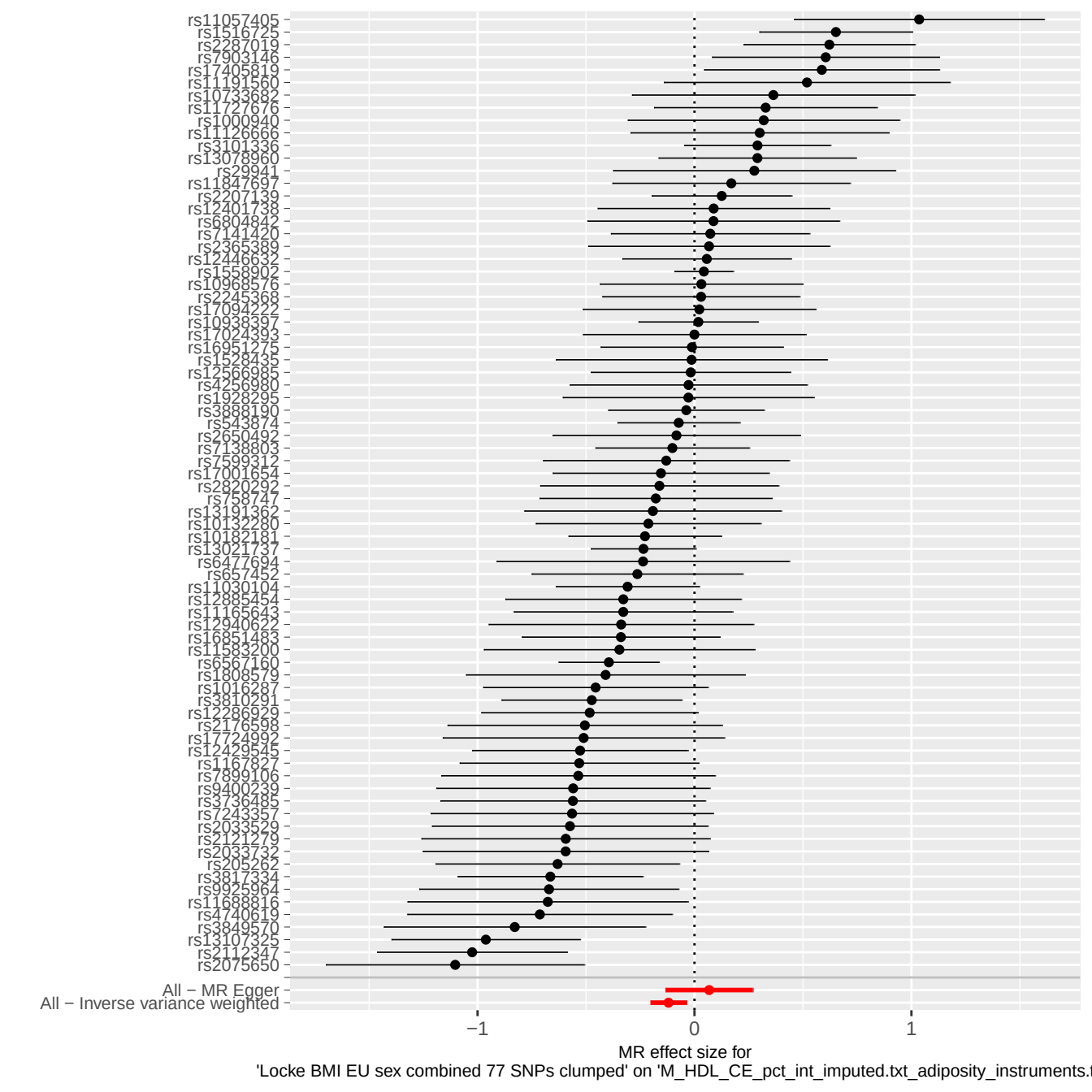

rs11688816
rs11191560
rs2287019
rs7903146
rs3736485
rs17724992
rs2121279
rs9400239
rs6804842
rs11165643
rs12401738
rs1928295
rs10938397
rs12286929
rs11030104
rs4740619
rs11727676
rs10733682
rs3810291
rs12885454
rs2245368
rs16951275
rs13191362
rs11057405
rs657452
rs7141420
rs12429545
rs13021737
rs1516725
rs2365389
rs4256980
rs1016287
rs11847697
rs1528435
rs7138803
rs10132280
rs2207139
rs17001654
rs1808579
rs12446632
rs758747
rs1558902
rs11583200
rs7599312
rs2033732
rs2033529
rs17094222
rs2650492
rs12940622
rs6567160
rs3888190
rs9925964
rs3101336
rs16851483
rs17405819
rs13078960
rs6477694
rs2820292
rs7899106
rs11126666
rs12566985
rs543874
rs10182181
rs1000940
rs2176598
rs29941
rs205262
rs3817334
rs7243357
rs10968576
rs1167827
rs3849570
rs13107325
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_C_int_imputed.txt_adiposity_instruments.txt'

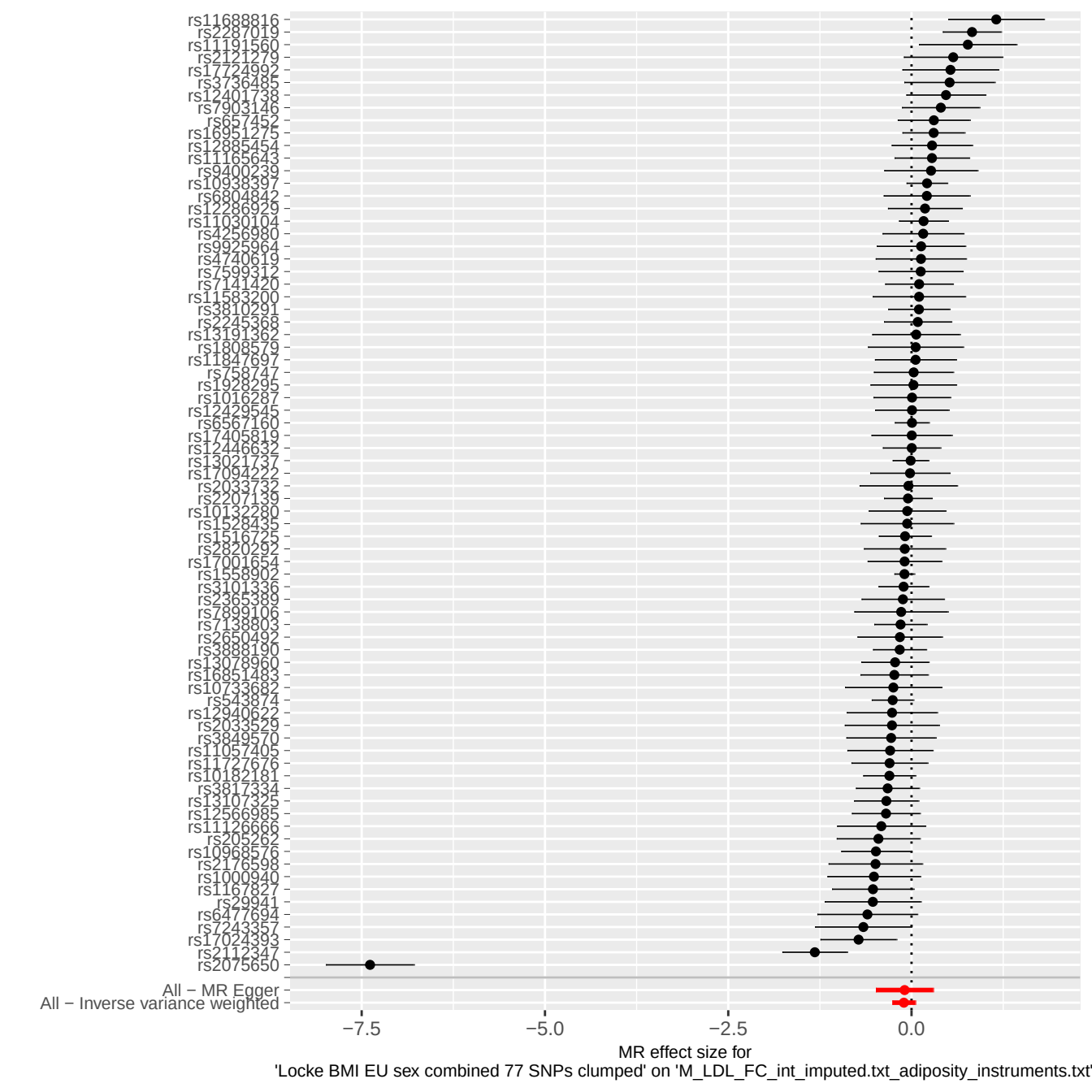

rs2075650
rs12940622
rs11688816
rs10733682
rs2176598
rs2033732
rs1528435
rs2287019
rs7903146
rs9400239
rs11165643
rs6477694
rs4256980
rs11030104
rs2207139
rs10968576
rs13021737
rs1016287
rs9925964
rs7899106
rs13191362
rs543874
rs2121279
rs10938397
rs205262
rs10182181
rs7138803
rs12429545
rs1558902
rs3849570
rs2365389
rs12566985
rs7141420
rs3810291
rs7243357
rs17024393
rs11057405
rs6567160
rs6804842
rs2245368
rs12286929
rs2112347
rs3101336
rs758747
rs2820292
rs29941
rs1516725
rs17094222
rs3736485
rs11727676
rs4740619
rs1167827
rs7599312
rs16851483
rs2033529
rs17001654
rs657452
rs1000940
rs16951275
rs12446632
rs17724992
rs12401738
rs10132280
rs1808579
rs13078960
rs3817334
rs11583200
rs11126666
rs1928295
rs2650492
rs3888190
rs17405819
rs11847697
rs12885454
rs13107325
rs11191560
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Tyr_int_imputed.txt_adiposity_instruments.txt'

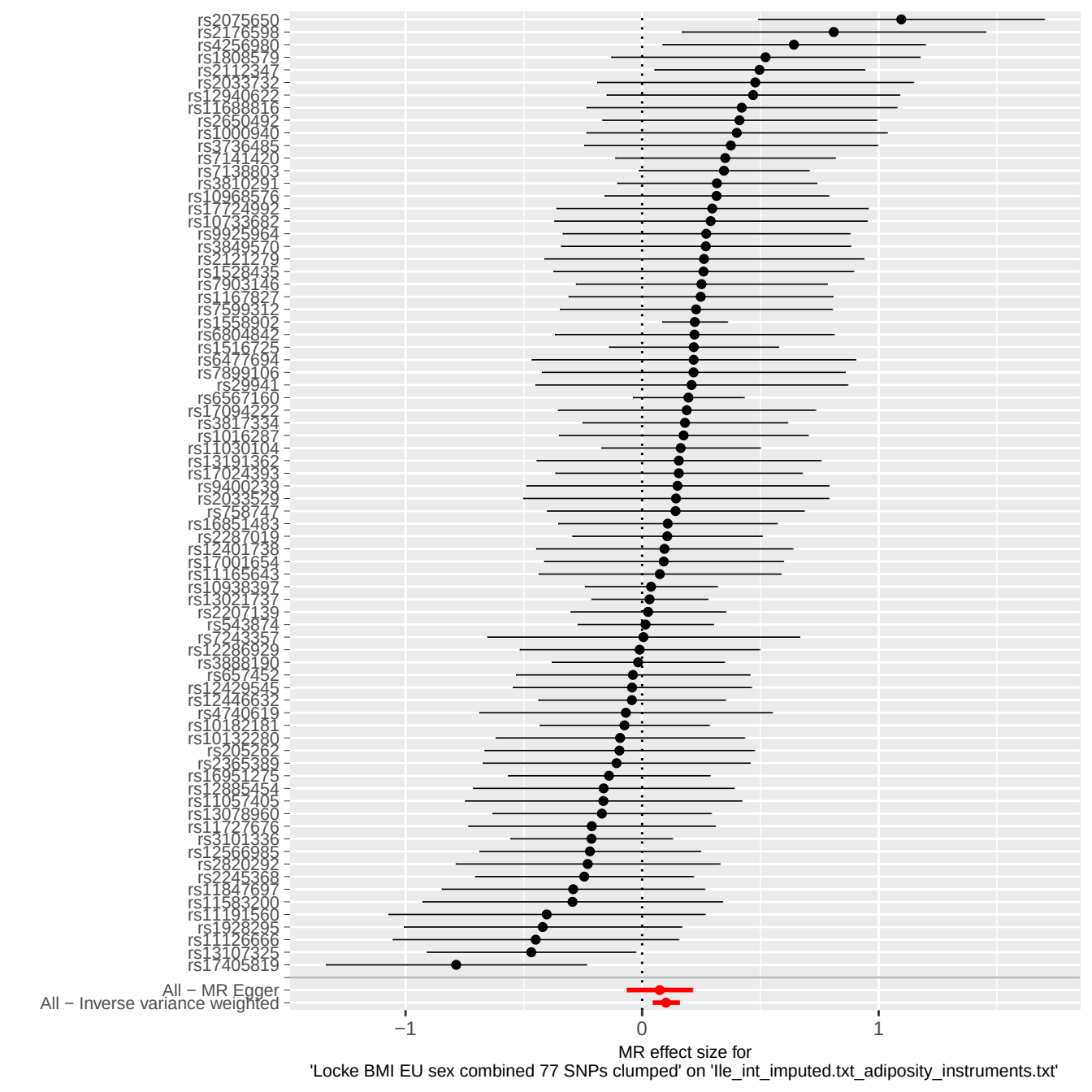

rs9925964
rs13107325
rs3849570
rs1167827
rs2121279
rs11688816
rs1808579
rs205262
rs3736485
rs4740619
rs2112347
rs657452
rs7899106
rs2033732
rs6567160
rs11583200
rs7243357
rs12940622
rs11165643
rs1016287
rs12885454
rs2820292
rs2033529
rs17724992
rs11030104
rs3810291
rs7599312
rs12429545
rs12286929
rs758747
rs1528435
rs16851483
rs2176598
rs10968576
rs3817334
rs17001654
rs16951275
rs10132280
rs13021737
rs9400239
rs10938397
rs10182181
rs12401738
rs543874
rs17094222
rs1928295
rs2650492
rs13191362
rs3888190
rs1558902
rs7138803
rs2075650
rs2245368
rs29941
rs2365389
rs7141420
rs12446632
rs2207139
rs4256980
rs11126666
rs17024393
rs11847697
rs6477694
rs6804842
rs12566985
rs1000940
rs1516725
rs3101336
rs10733682
rs13078960
rs17405819
rs11191560
rs2287019
rs11727676
rs7903146
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_C_int_imputed.txt_adiposity_instruments.tx

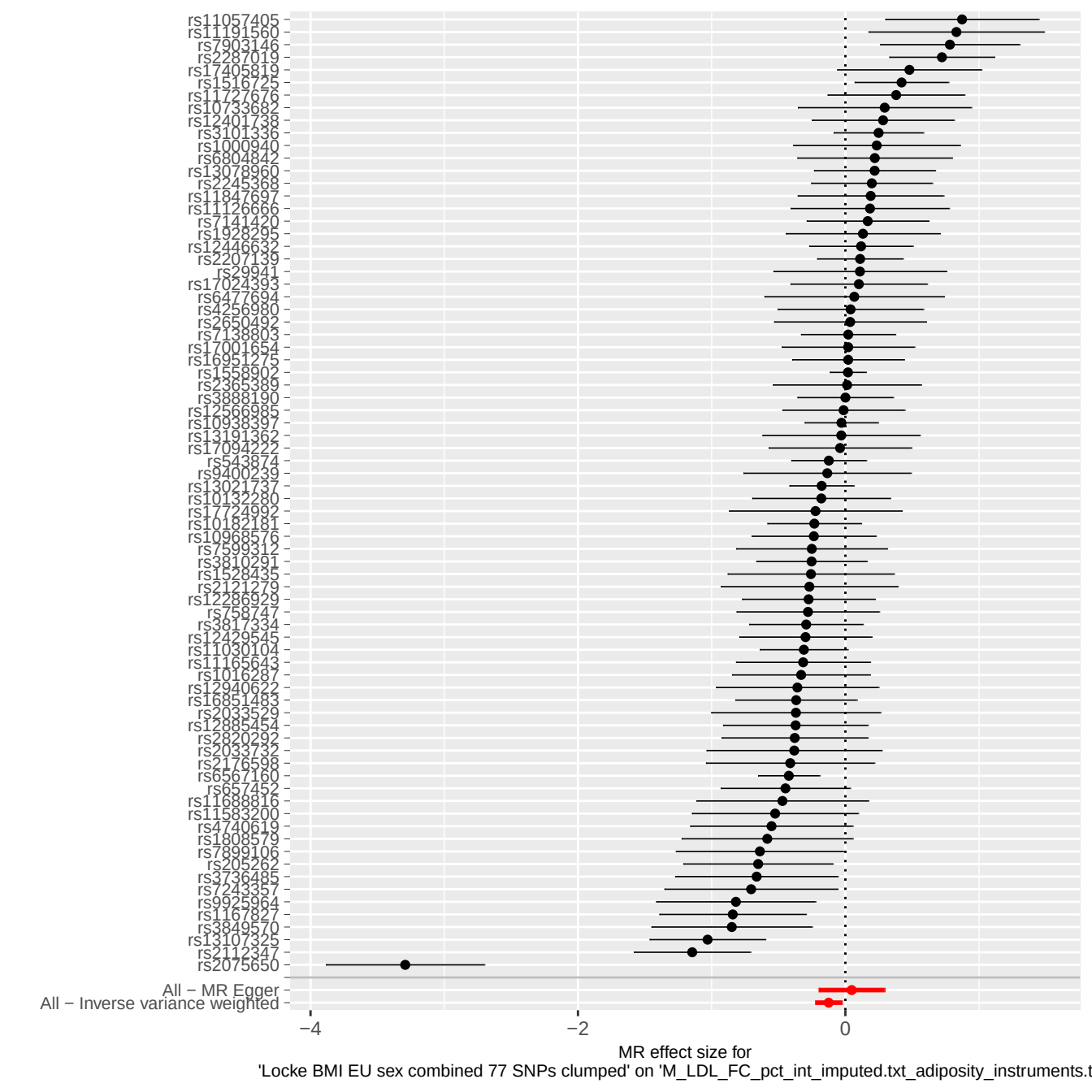

rs2287019
rs11057405
rs11191560
rs7903146
rs17405819
rs2245368
rs11847697
rs11727676
rs2650492
rs7141420
rs12446632
rs17024393
rs7138803
rs11688816
rs3101336
rs3888190
rs13191362
rs12566985
rs3817334
rs1516725
rs16951275
rs12401738
rs13078960
rs1000940
rs11030104
rs2207139
rs10733682
rs2121279
rs10938397
rs4256980
rs2365389
rs1558902
rs11583200
rs17094222
rs6804842
rs13021737
rs758747
rs9400239
rs12429545
rs17724992
rs1016287
rs657452
rs543874
rs17001654
rs205262
rs10182181
rs10132280
rs1928295
rs3810291
rs7899106
rs7599312
rs11165643
rs11126666
rs12940622
rs29941
rs4740619
rs2033529
rs6567160
rs12885454
rs16851483
rs1528435
rs2033732
rs3736485
rs10968576
rs2820292
rs12286929
rs13107325
rs1808579
rs6477694
rs2176598
rs7243357
rs1167827
rs9925964
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_C_pct_int_imputed.txt_adiposity_instruments.

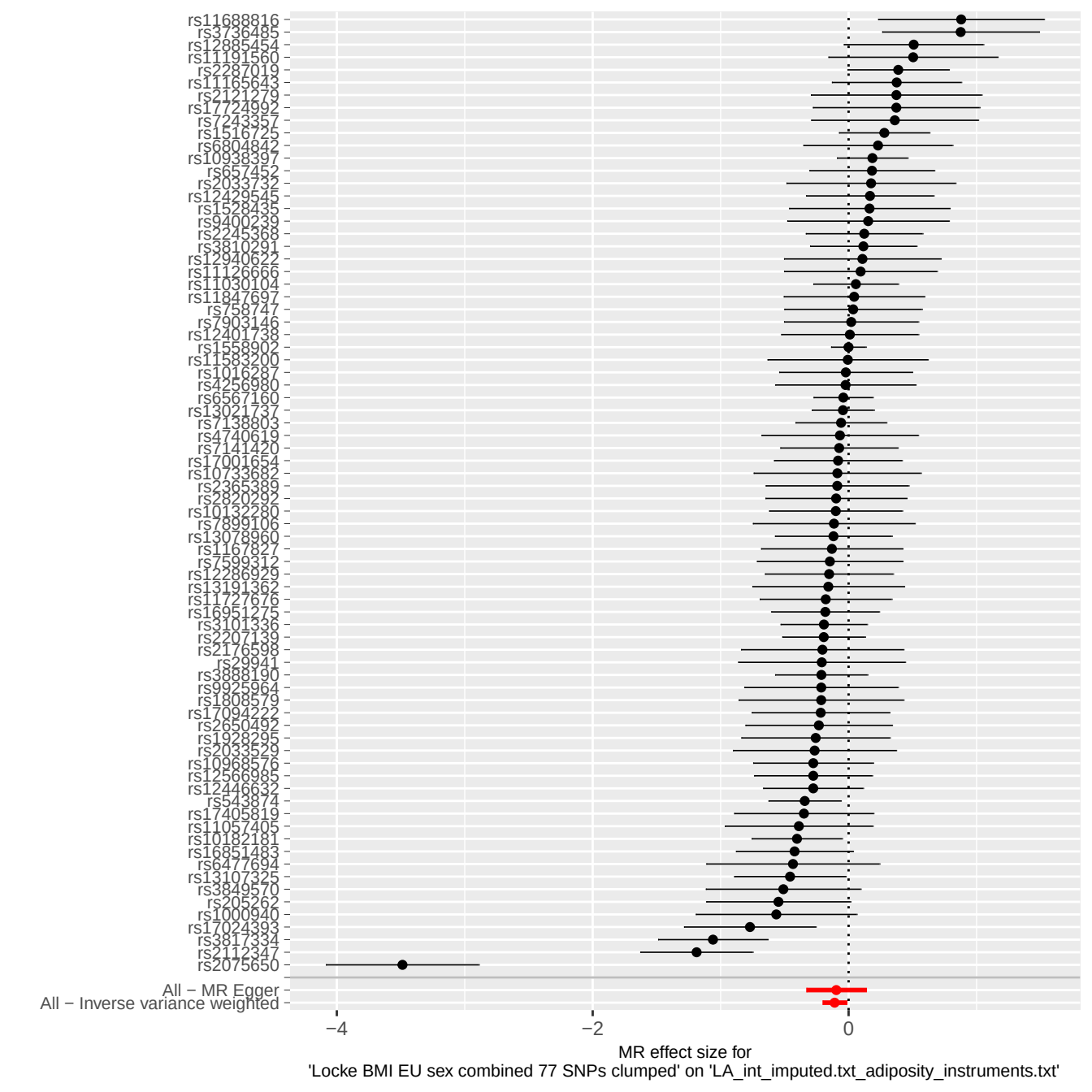

rs11688816
rs3736485
rs11057405
rs2287019
rs7903146
rs11191560
rs10733682
rs1516725
rs17724992
rs11165643
rs2121279
rs10938397
rs2245368
rs1528435
rs13191362
rs6804842
rs657452
rs11727676
rs9400239
rs13021737
rs7141420
rs7599312
rs12401738
rs4740619
rs1928295
rs11583200
rs758747
rs2207139
rs11030104
rs11847697
rs2365389
rs12429545
rs3810291
rs12286929
rs17405819
rs4256980
rs1558902
rs2033732
rs1808579
rs7138803
rs12885454
rs3101336
rs17094222
rs10132280
rs12446632
rs1000940
rs3888190
rs11126666
rs12940622
rs2650492
rs13078960
rs17001654
rs16951275
rs7243357
rs1016287
rs6567160
rs2033529
rs2820292
rs10968576
rs2176598
rs16851483
rs29941
rs543874
rs9925964
rs7899106
rs10182181
rs12566985
rs1167827
rs6477694
rs3849570
rs17024393
rs205262
rs3817334
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Sphingomyelins_int_imputed.txt_adiposity_instruments.t

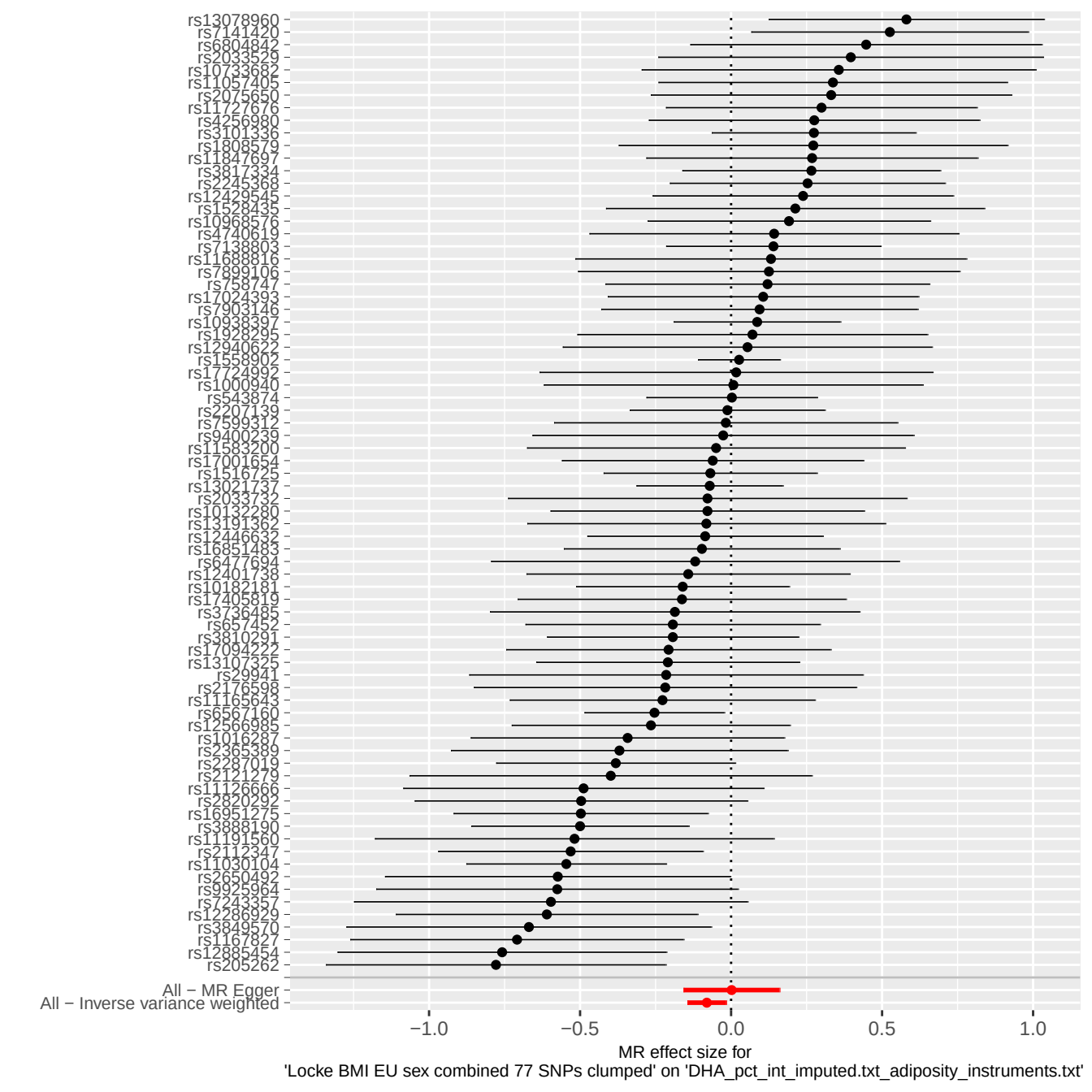

rs11057405
rs1516725
rs2287019
rs7903146
rs17405819
rs11191560
rs10733682
rs11727676
rs1000940
rs11126666
rs3101336
rs13078960
rs29941
rs11847697
rs2207139
rs12401738
rs6804842
rs7141420
rs2365389
rs12446632
rs1558902
rs10968576
rs2245368
rs17094222
rs10938397
rs17024393
rs16951275
rs1528435
rs12566985
rs4256980
rs1928295
rs3888190
rs543874
rs2650492
rs7138803
rs7599312
rs17001654
rs2820292
rs758747
rs13191362
rs10132280
rs10182181
rs13021737
rs6477694
rs657452
rs11030104
rs12885454
rs11165643
rs12940622
rs16851483
rs11583200
rs6567160
rs1808579
rs1016287
rs3810291
rs12286929
rs2176598
rs17724992
rs12429545
rs1167827
rs7899106
rs9400239
rs3736485
rs7243357
rs2033529
rs2121279
rs2033732
rs205262
rs3817334
rs9925964
rs11688816
rs4740619
rs3849570
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_CE_pct_int_imputed.txt_adiposity_instruments.t

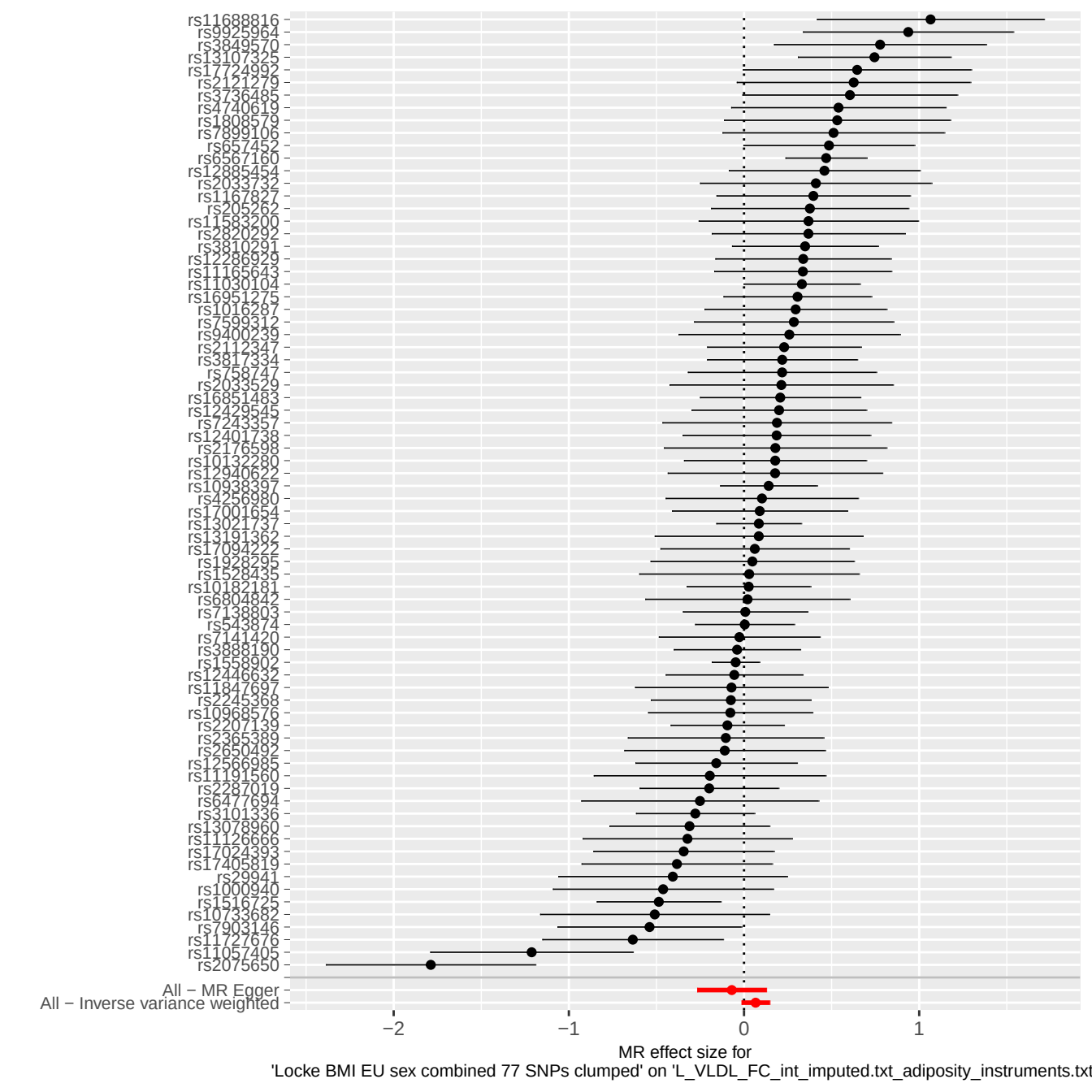

rs11688816
rs2287019
rs11191560
rs2121279
rs17724992
rs3736485
rs12401738
rs7903146
rs657452
rs16951275
rs12885454
rs11165643
rs9400239
rs10938397
rs6804842
rs12286929
rs11030104
rs4256980
rs9925964
rs4740619
rs7599312
rs7141420
rs11583200
rs3810291
rs2245368
rs13191362
rs1808579
rs11847697
rs758747
rs1928295
rs1016287
rs12429545
rs6567160
rs17405819
rs12446632
rs13021737
rs17094222
rs2033732
rs2207139
rs10132280
rs1528435
rs1516725
rs2820292
rs17001654
rs1558902
rs3101336
rs2365389
rs7899106
rs7138803
rs2650492
rs3888190
rs13078960
rs16851483
rs10733682
rs543874
rs12940622
rs2033529
rs3849570
rs11057405
rs11727676
rs10182181
rs3817334
rs13107325
rs12566985
rs11126666
rs205262
rs10968576
rs2176598
rs1000940
rs1167827
rs29941
rs6477694
rs7243357
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_FC_int_imputed.txt_adiposity_instruments.txt'

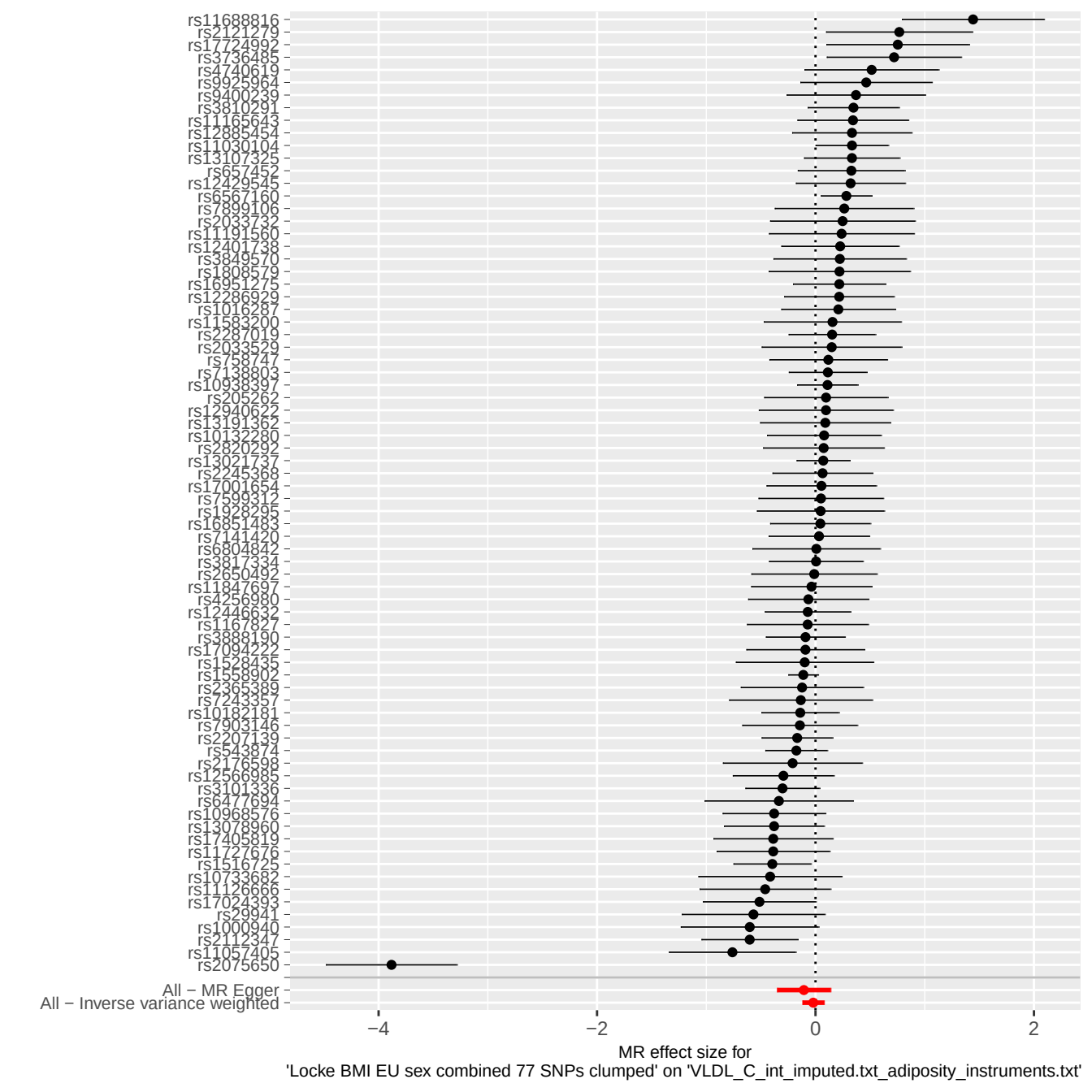

rs2075650
rs2176598
rs4256980
rs1808579
rs2112347
rs2033732
rs12940622
rs11688816
rs2650492
rs1000940
rs3736485
rs7141420
rs7138803
rs3810291
rs10968576
rs17724992
rs10733682
rs9925964
rs3849570
rs2121279
rs1528435
rs7903146
rs1167827
rs7599312
rs1558902
rs6804842
rs1516725
rs6477694
rs7899106
rs29941
rs6567160
rs17094222
rs3817334
rs1016287
rs11030104
rs13191362
rs17024393
rs9400239
rs2033529
rs75747
rs16851483
rs2287019
rs12401738
rs17001654
rs11165643
rs10938397
rs13021737
rs2207139
rs543874
rs7243357
rs12286929
rs3888190
rs657452
rs12429545
rs12446632
rs4740619
rs10182181
rs10132280
rs205262
rs2365389
rs16951275
rs12885454
rs11057405
rs13078960
rs11727676
rs3101336
rs12566985
rs2820292
rs2245368
rs11847697
rs11583200
rs11191560
rs1928295
rs11126666
rs13107325
rs17405819
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Ile_int_imputed.txt_adiposity_instruments.txt'

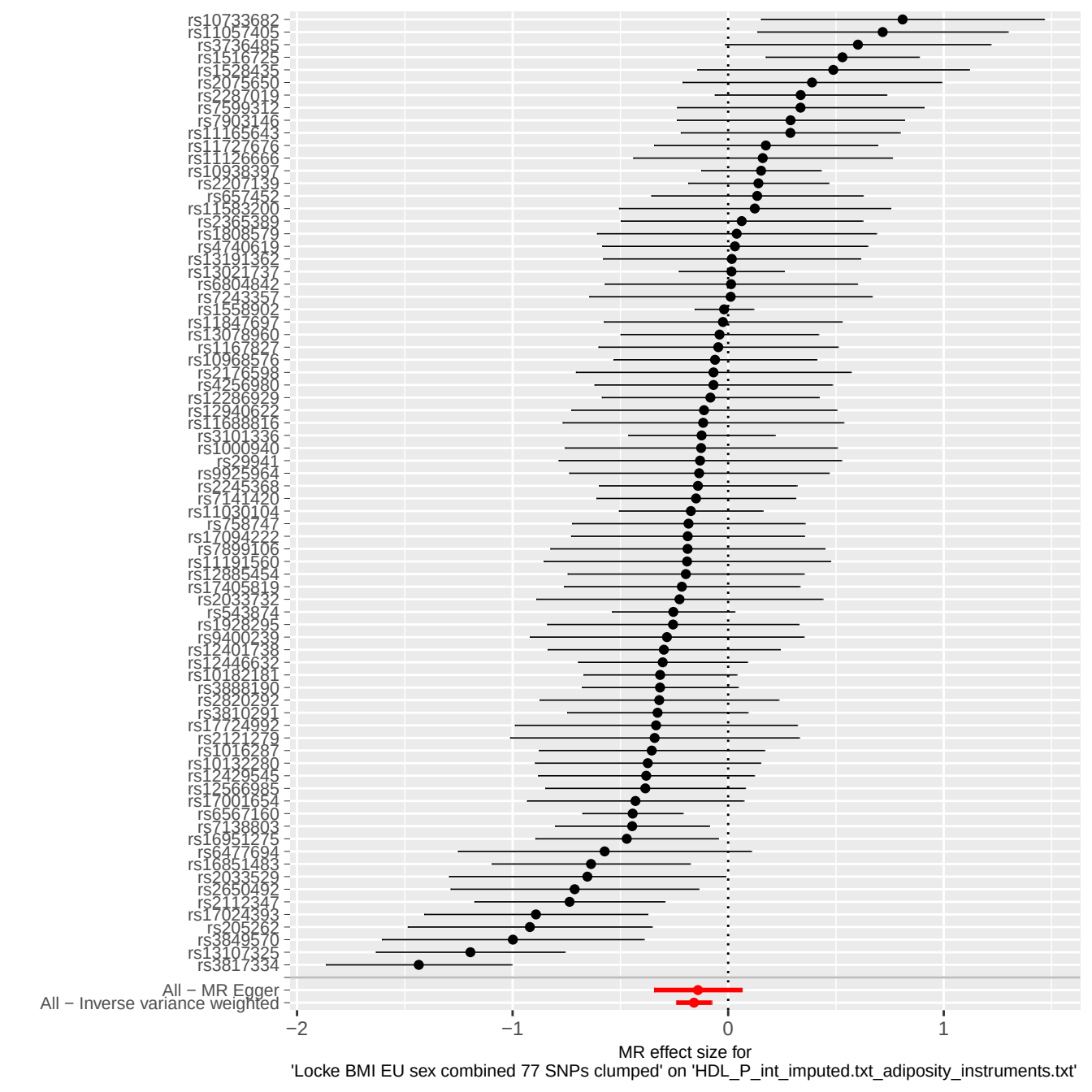

rs11057405
rs11191560
rs7903146
rs2287019
rs17405819
rs1516725
rs11727676
rs10733682
rs12401738
rs3101336
rs1000940
rs6804842
rs13078960
rs2245368
rs11847697
rs11126666
rs7141420
rs1928295
rs12446632
rs2207139
rs29941
rs17024393
rs6477694
rs4256980
rs2650492
rs7138803
rs17001654
rs16951275
rs1558902
rs2365389
rs3888190
rs12566985
rs10938397
rs13191362
rs17094222
rs543874
rs9400239
rs13021737
rs10132280
rs17724992
rs10182181
rs10968576
rs7599312
rs3810291
rs1528435
rs2121279
rs12286929
rs758747
rs3817334
rs12429545
rs11030104
rs11165643
rs1016287
rs12940622
rs16851483
rs2033529
rs12885454
rs2820292
rs2033732
rs2176598
rs6567160
rs657452
rs11688816
rs11583200
rs4740619
rs1808579
rs7899106
rs205262
rs3736485
rs7243357
rs9925964
rs1167827
rs3849570
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_FC_pct_int_imputed.txt_adiposity_instruments.t

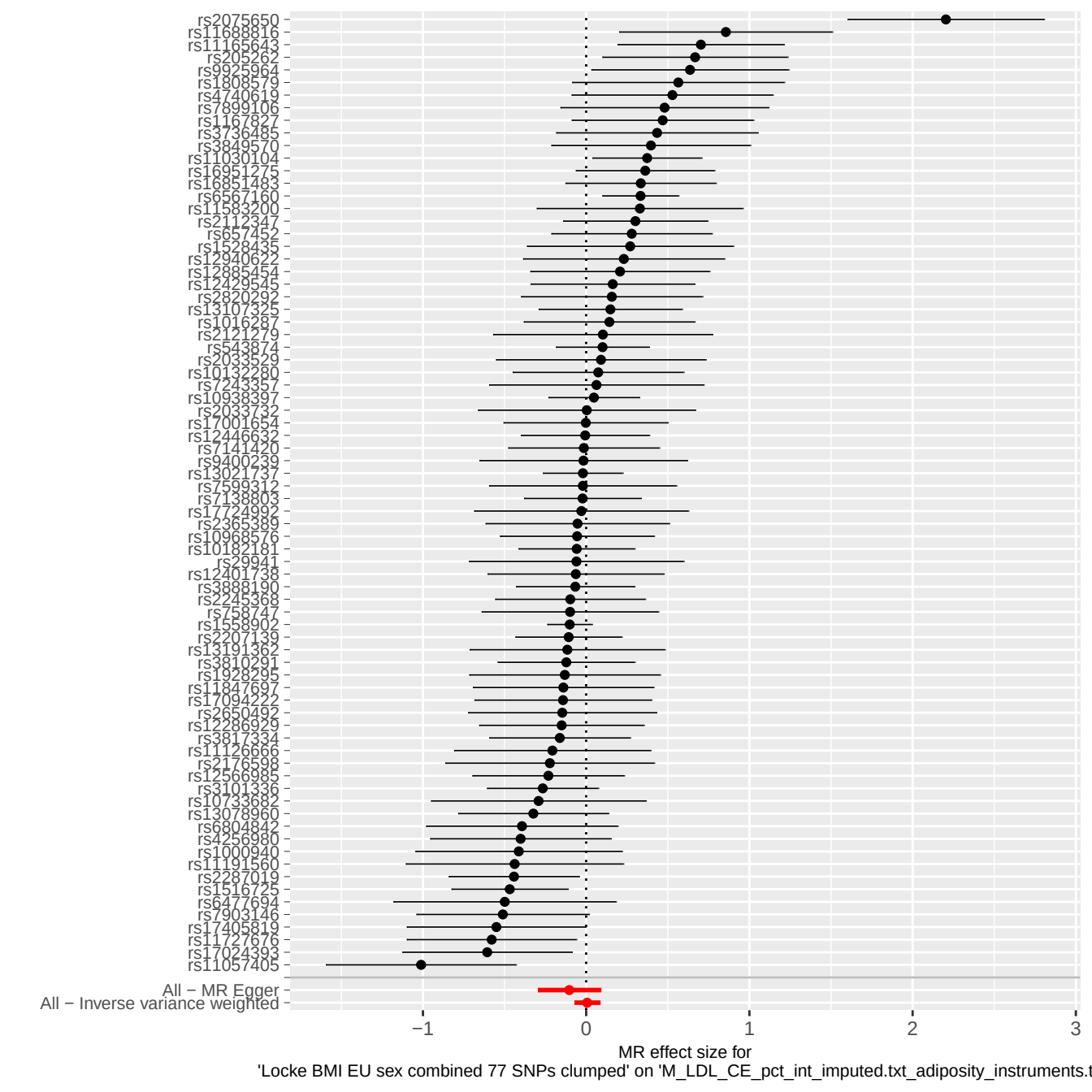

rs11688816
rs3736485
rs12885454
rs11191560
rs2287019
rs11165643
rs2121279
rs17724992
rs7243357
rs1516725
rs6804842
rs10938397
rs657452
rs2033732
rs12429545
rs1528435
rs9400239
rs2245368
rs3810291
rs12940622
rs11126666
rs11030104
rs11847697
rs758747
rs7903146
rs12401738
rs1558902
rs11583200
rs1016287
rs4256980
rs6567160
rs13021737
rs7138803
rs4740619
rs7141420
rs17001654
rs10733682
rs2365389
rs2820292
rs10132280
rs7899106
rs13078960
rs1167827
rs7599312
rs12286929
rs13191362
rs11727676
rs16951275
rs3101336
rs2207139
rs2176598
rs29941
rs3888190
rs9925964
rs1808579
rs17094222
rs2650492
rs1928295
rs2033529
rs10968576
rs12566985
rs12446632
rs543874
rs17405819
rs11057405
rs10182181
rs16851483
rs6477694
rs13107325
rs3849570
rs205262
rs1000940
rs17024393
rs3817334
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LA_int_imputed.txt_adiposity_instruments.txt'

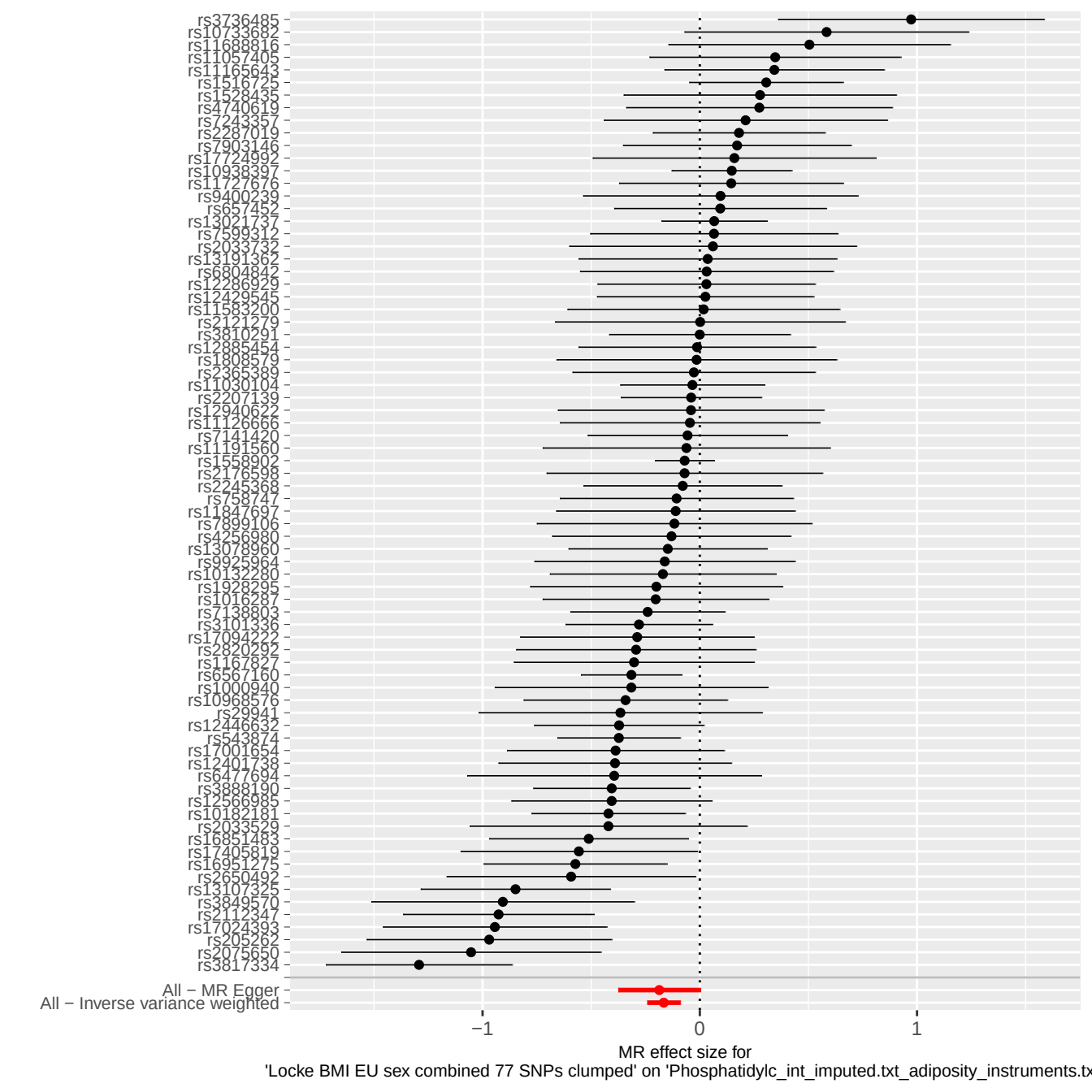

rs13078960
rs7141420
rs6804842
rs2033529
rs10733682
rs11057405
rs2075650
rs11727676
rs4256980
rs3101336
rs1808579
rs11847697
rs3817334
rs2245368
rs12429545
rs1528435
rs10968576
rs4740619
rs7138803
rs11688816
rs7899106
rs758747
rs17024393
rs7903146
rs10938397
rs1928295
rs12940622
rs1558902
rs17724992
rs1000940
rs543874
rs2207139
rs7599312
rs9400239
rs11583200
rs17001654
rs1516725
rs13021737
rs2033732
rs10132280
rs13191362
rs12446632
rs16851483
rs6477694
rs12401738
rs10182181
rs17405819
rs3736485
rs657452
rs3810291
rs17094222
rs13107325
rs29941
rs2176598
rs11165643
rs6567160
rs12566985
rs1016287
rs2365389
rs2287019
rs2121279
rs11126666
rs2820292
rs16951275
rs3888190
rs1191560
rs2112347
rs11030104
rs2650492
rs9925964
rs7243357
rs12286929
rs3849570
rs1167827
rs12885454
rs205262
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'DHA_pct_int_imputed.txt_adiposity_instruments.txt'

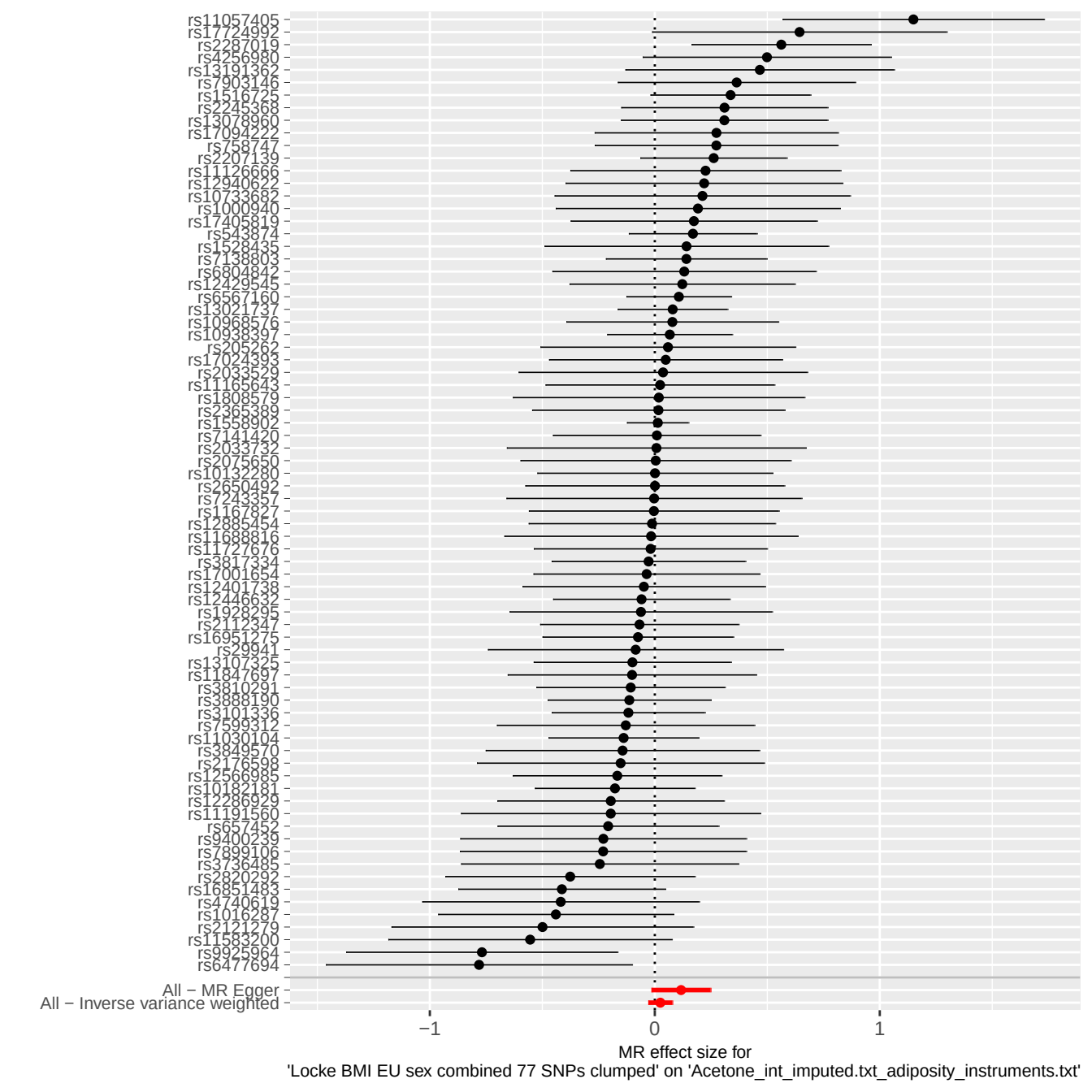

rs11688816
rs9925964
rs3849570
rs13107325
rs17724992
rs2121279
rs3736485
rs4740619
rs1808579
rs7899106
rs657452
rs6567160
rs12885454
rs2033732
rs1167827
rs205262
rs11583200
rs2820292
rs3810291
rs12286929
rs11165643
rs11030104
rs16951275
rs1016287
rs7599312
rs9400239
rs2112347
rs3817334
rs758747
rs2033529
rs16851483
rs12429545
rs7243357
rs12401738
rs2176598
rs10132280
rs12940622
rs10938397
rs4256980
rs17001654
rs13021737
rs13191362
rs17094222
rs1928295
rs1528435
rs10182181
rs6804842
rs7138803
rs543874
rs7141420
rs3888190
rs1558902
rs12446632
rs11847697
rs2245368
rs10968576
rs2207139
rs2365389
rs2650492
rs12566985
rs11191560
rs2287019
rs6477694
rs3101336
rs13078960
rs11126666
rs17024393
rs17405819
rs29941
rs1000940
rs1516725
rs10733682
rs7903146
rs11727676
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_FC_int_imputed.txt_adiposity_instruments.txt

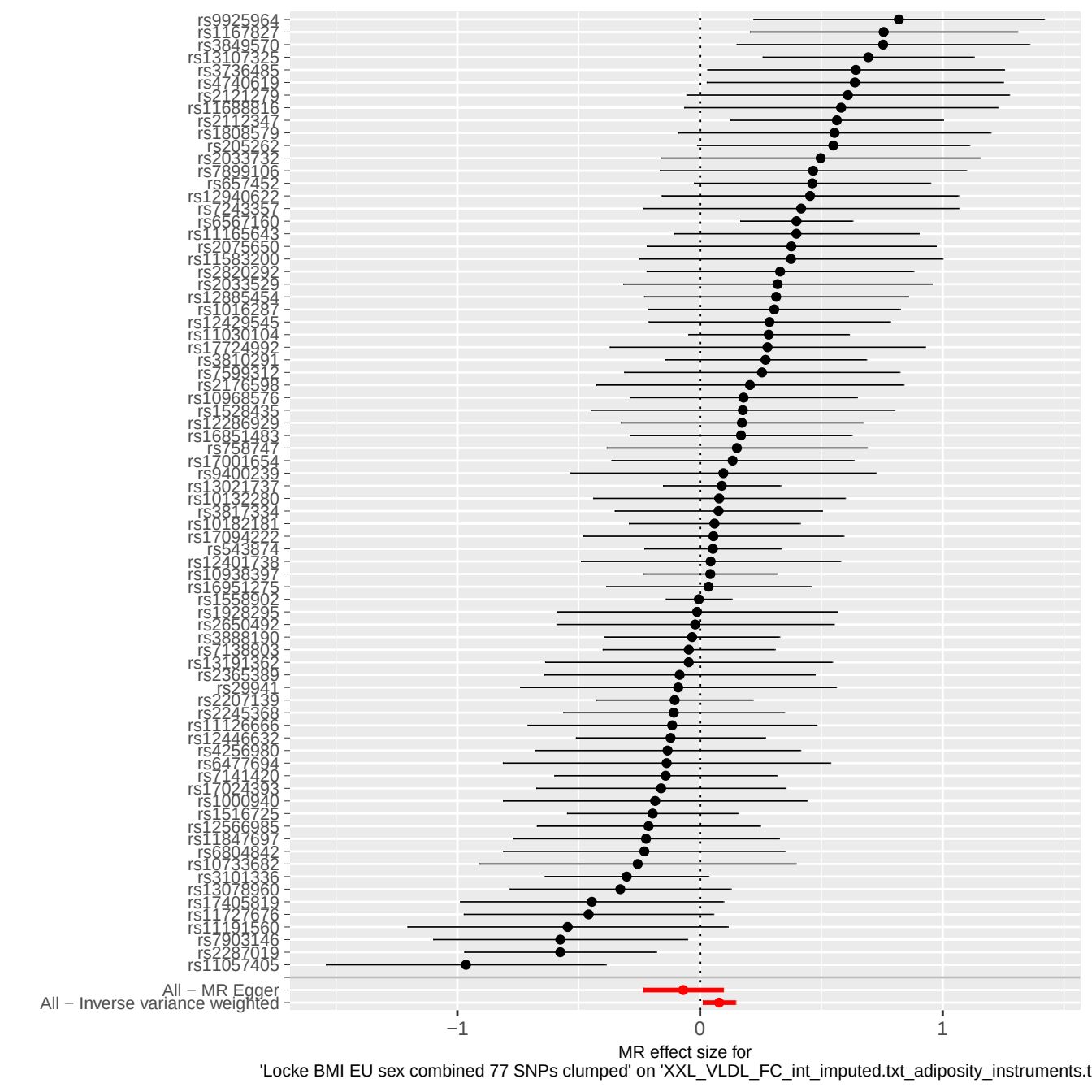

rs11688816
rs2121279
rs17224692
rs3736485
rs4740619
rs9925964
rs9400239
rs3810291
rs11165643
rs12885454
rs11030104
rs13107325
rs657452
rs12429545
rs6567160
rs7899106
rs2033732
rs11191560
rs12401738
rs3849570
rs1808579
rs16951275
rs12286929
rs1016287
rs11583200
rs2287019
rs2033529
rs758747
rs7138803
rs10938397
rs205262
rs12940622
rs13191362
rs10132280
rs2820292
rs13021737
rs2245368
rs17001654
rs7599312
rs16851483
rs7141420
rs6804842
rs3817334
rs2650492
rs11847697
rs4256980
rs12446632
rs1167827
rs3888190
rs17094222
rs1528435
rs1558902
rs2365389
rs7243357
rs10182181
rs7903146
rs2207139
rs543874
rs2176598
rs12566985
rs3101336
rs6477694
rs10968576
rs13078960
rs17405819
rs11727676
rs1516725
rs10733682
rs11126666
rs17024393
rs29941
rs1000940
rs2112347
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'VLDL_C_int_imputed.txt_adiposity_instruments.txt'

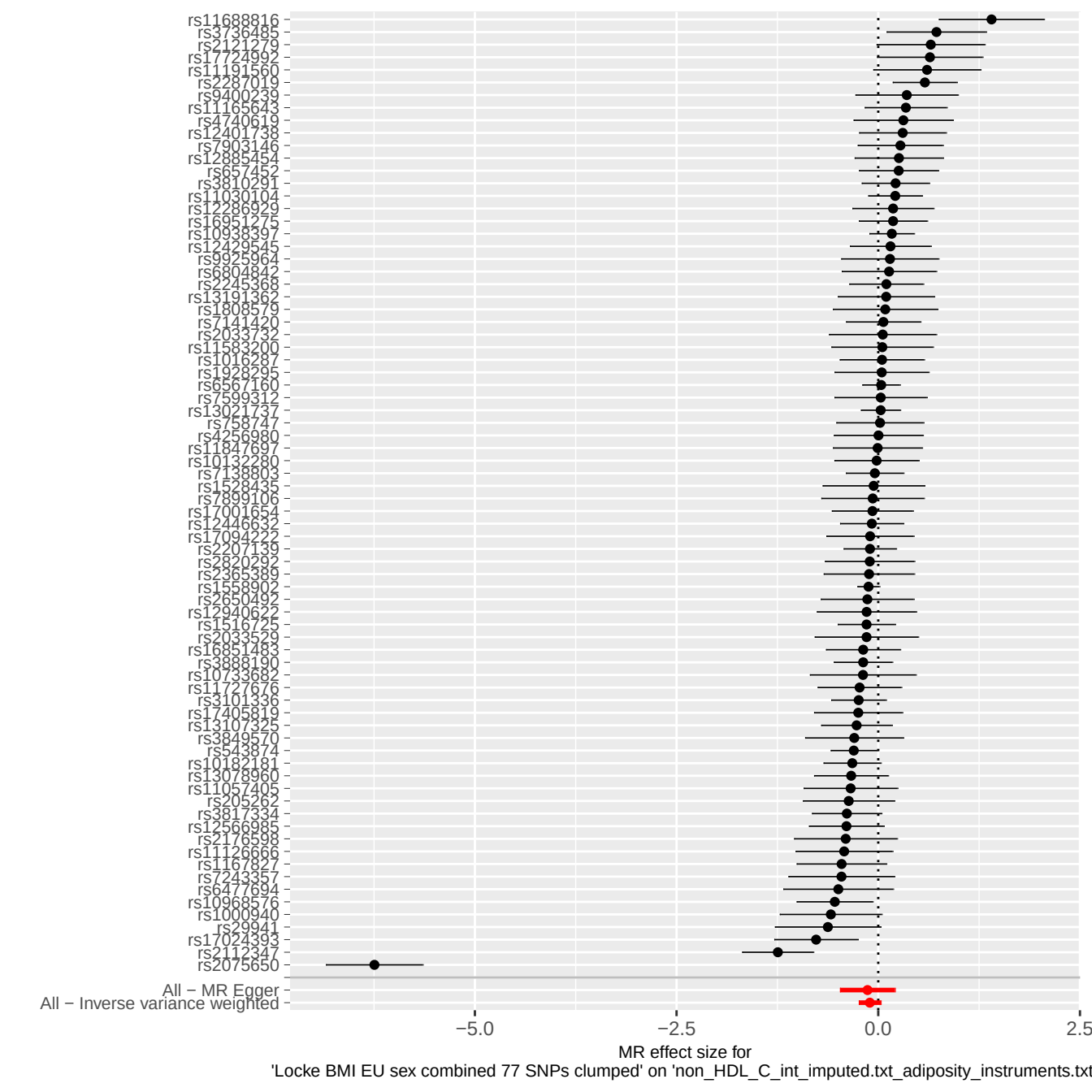

rs10733682
rs11057405
rs3736485
rs1516725
rs1528435
rs2075650
rs2287019
rs7599312
rs7903146
rs11165643
rs11727676
rs11126666
rs10938397
rs2207139
rs657452
rs11583200
rs2365389
rs1808579
rs4740619
rs13191362
rs13021737
rs6804842
rs7243357
rs1558902
rs11847697
rs13078960
rs1167827
rs10968576
rs2176598
rs4256980
rs12286929
rs12940622
rs11688816
rs3101336
rs1000940
rs29941
rs9925964
rs2245368
rs7141420
rs11030104
rs758747
rs17094222
rs7899106
rs11191560
rs12885454
rs17405819
rs2033732
rs543874
rs1928295
rs9400239
rs12401738
rs12446632
rs10182181
rs3888190
rs2820292
rs3810291
rs17724992
rs2121279
rs1016287
rs10132280
rs12429545
rs12566985
rs17001654
rs6567160
rs7138803
rs16951275
rs6477694
rs16851483
rs2033529
rs2650492
rs2112347
rs17024393
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'HDL_P_int_imputed.txt_adiposity_instruments.txt'

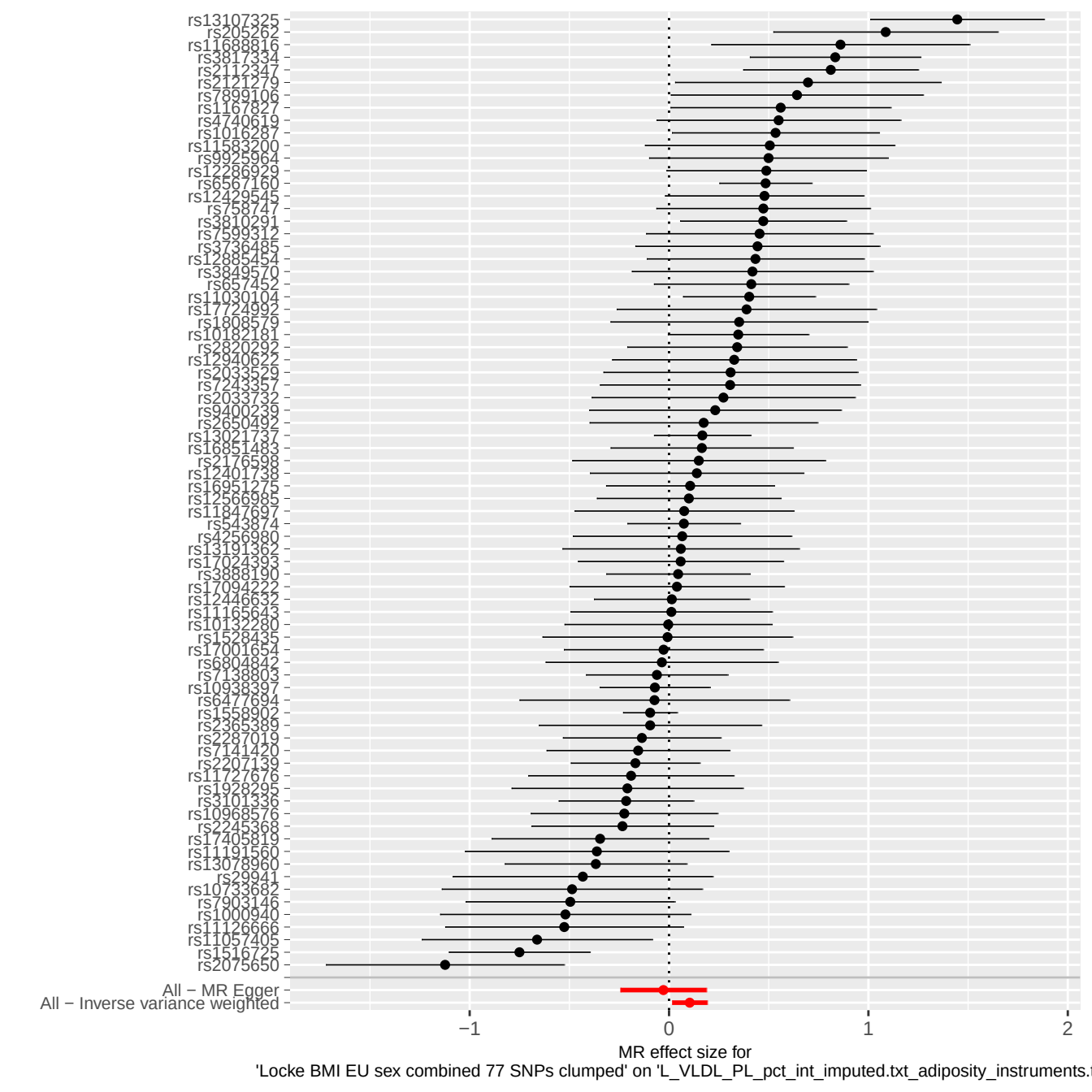

rs2075650
rs11688816
rs11165643
rs205262
rs9925964
rs1808579
rs4740619
rs7899106
rs1167827
rs3736485
rs3849570
rs11030104
rs16951275
rs16851483
rs6567160
rs11583200
rs2112347
rs657452
rs1528435
rs12940622
rs12885454
rs12429545
rs2820292
rs13107325
rs1016287
rs2121279
rs543874
rs2033529
rs10132280
rs7243357
rs10938397
rs2033732
rs17001654
rs12446632
rs7141420
rs9400239
rs13021737
rs7599312
rs7138803
rs17724992
rs2365389
rs10968576
rs10182181
rs29941
rs12401738
rs3888190
rs2245368
rs758747
rs1558902
rs2207139
rs13191362
rs3810291
rs1928295
rs11847697
rs17094222
rs2650492
rs12286929
rs3817334
rs11126666
rs2176598
rs12566985
rs3101336
rs10733682
rs13078960
rs6804842
rs4256980
rs1000940
rs11191560
rs2287019
rs1516725
rs6477694
rs7903146
rs17405819
rs11727676
rs17024393
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_CE_pct_int_imputed.txt_adiposity_instruments.t

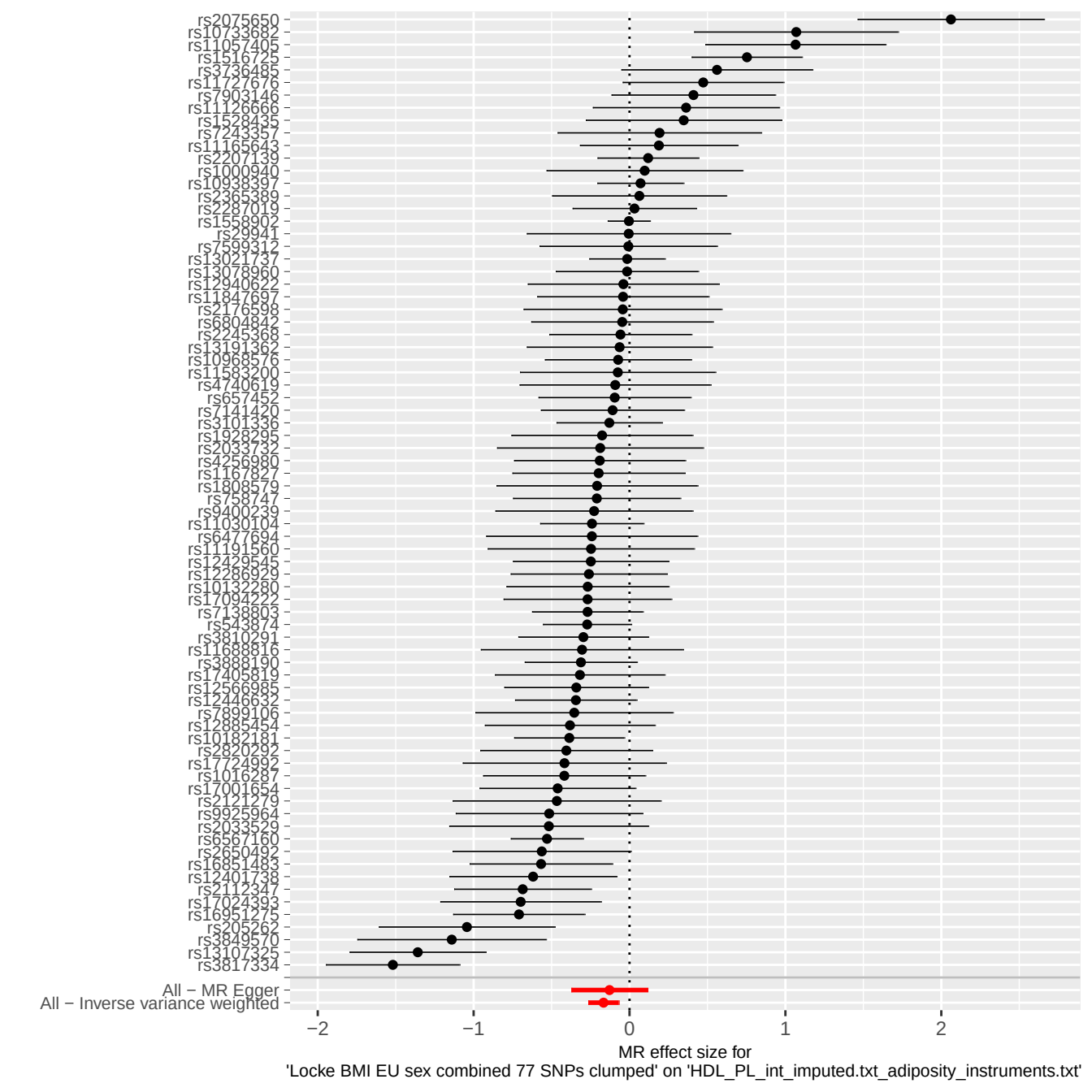

rs3736485
rs10733682
rs11688816
rs11057405
rs11165643
rs1516725
rs1528435
rs4740619
rs7243357
rs2287019
rs7903146
rs17724992
rs10938397
rs11727676
rs9400239
rs657452
rs13021737
rs7599312
rs2033732
rs13191362
rs6804842
rs12286929
rs12429545
rs11583200
rs2121279
rs3810291
rs12885454
rs1808579
rs2365389
rs11030104
rs2207139
rs12940622
rs11126666
rs7141420
rs11191560
rs1558902
rs2176598
rs2245368
rs75847
rs11847697
rs7899106
rs4256980
rs13078960
rs9925964
rs10132280
rs1928295
rs1016287
rs7138803
rs3101336
rs17094222
rs2820292
rs1167827
rs6567160
rs1000940
rs10968576
rs29941
rs12446632
rs543874
rs17001654
rs12401738
rs6477694
rs3888190
rs12566985
rs10182181
rs2033529
rs16851483
rs17405819
rs16951275
rs2650492
rs13107325
rs3849570
rs2112347
rs17024393
rs205262
rs2075650
rs3817334
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Phosphatidylc_int_imputed.txt_adiposity_instruments.tx

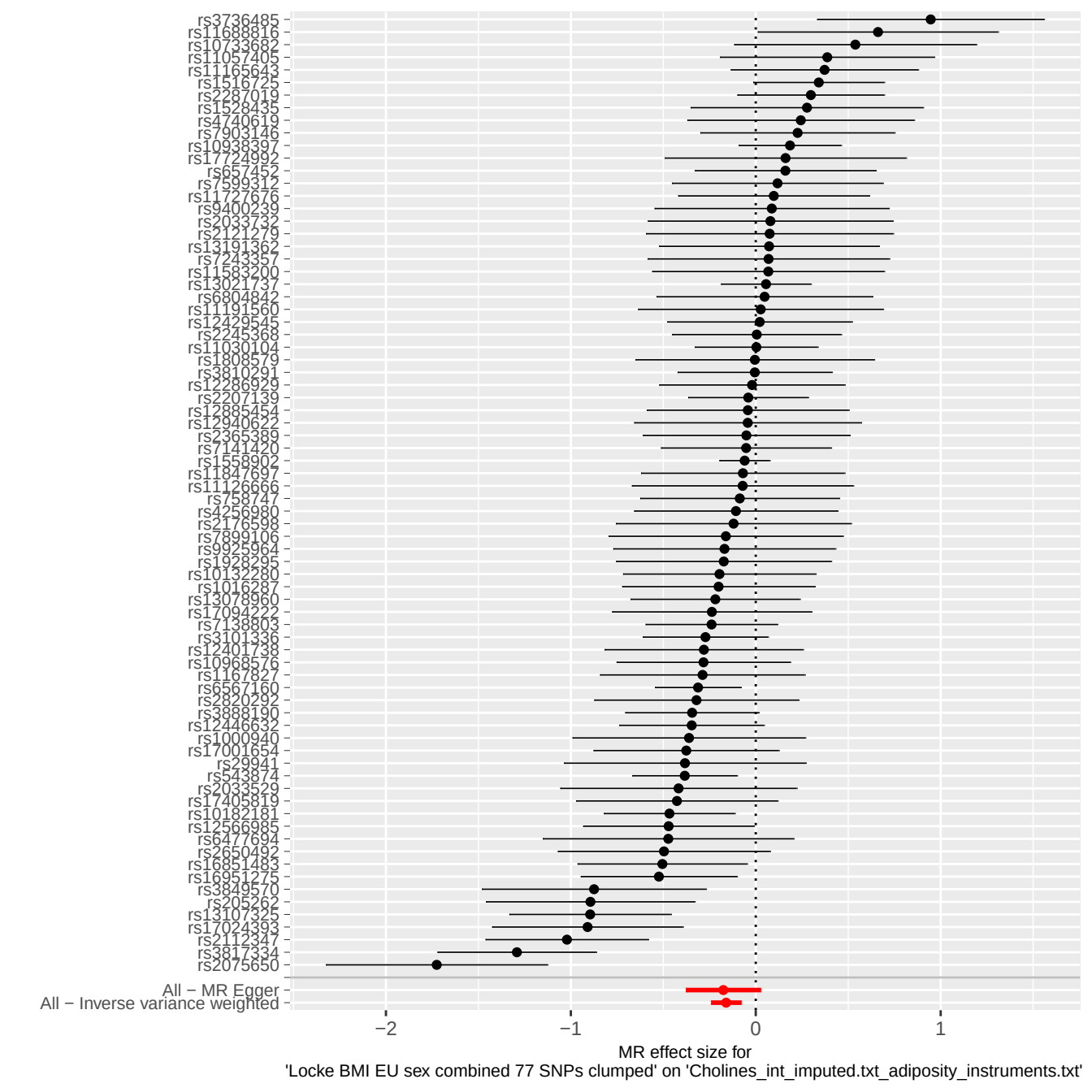

rs11057405
rs17724992
rs2287019
rs4256980
rs13191362
rs7903146
rs1516725
rs2245368
rs13078960
rs17094222
rs758747
rs2207139
rs11126666
rs12940622
rs10733682
rs1000940
rs17405819
rs543874
rs1528435
rs7138803
rs6804842
rs12429545
rs6567160
rs13021737
rs10968576
rs10938397
rs205262
rs17024393
rs2033529
rs11165643
rs1808579
rs2365389
rs1558902
rs7141420
rs2033732
rs2075650
rs10132280
rs2650492
rs7243357
rs1167827
rs12885454
rs11688816
rs11727676
rs3817334
rs17001654
rs12401738
rs12446632
rs1928295
rs2112347
rs16951275
rs29941
rs13107325
rs11847697
rs3810291
rs3888190
rs3101336
rs7599312
rs11030104
rs3849570
rs2176598
rs12566985
rs10182181
rs12286929
rs11191560
rs657452
rs9400239
rs7899106
rs3736485
rs2820292
rs16851483
rs4740619
rs1016287
rs2121279
rs11583200
rs9925964
rs6477694
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Acetone_int_imputed.txt_adiposity_instruments.txt'

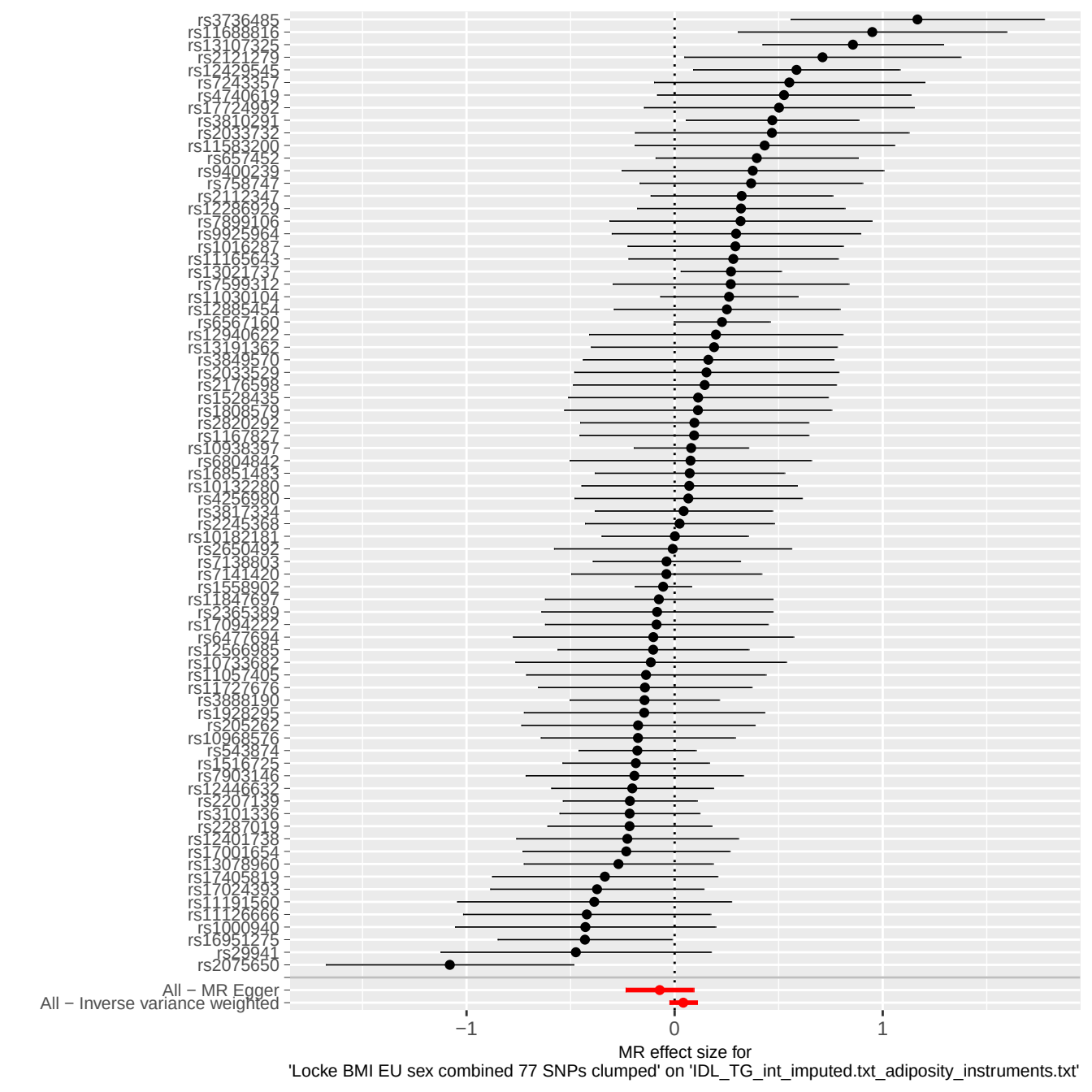

rs9925964
rs1167827
rs3849570
rs13107325
rs3736485
rs4740619
rs2121279
rs11688816
rs2112347
rs1808579
rs205262
rs2033732
rs7899106
rs657452
rs12940622
rs7243357
rs6567160
rs11165643
rs2075650
rs11583200
rs2820292
rs2033529
rs12885454
rs1016287
rs12429545
rs11030104
rs17724992
rs3810291
rs7599312
rs2176598
rs10968576
rs1528435
rs12286929
rs16851483
rs758747
rs17001654
rs9400239
rs13021737
rs10132280
rs3817334
rs10182181
rs17094222
rs543874
rs12401738
rs10938397
rs16951275
rs1558902
rs1928295
rs2650492
rs3888190
rs7138803
rs13191362
rs2365389
rs29941
rs2207139
rs2245368
rs11126666
rs12446632
rs4256980
rs6477694
rs7141420
rs17024393
rs1000940
rs1516725
rs12566985
rs11847697
rs6804842
rs10733682
rs3101336
rs13078960
rs17405819
rs11727676
rs11191560
rs7903146
rs2287019
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_FC_int_imputed.txt_adiposity_instruments.t

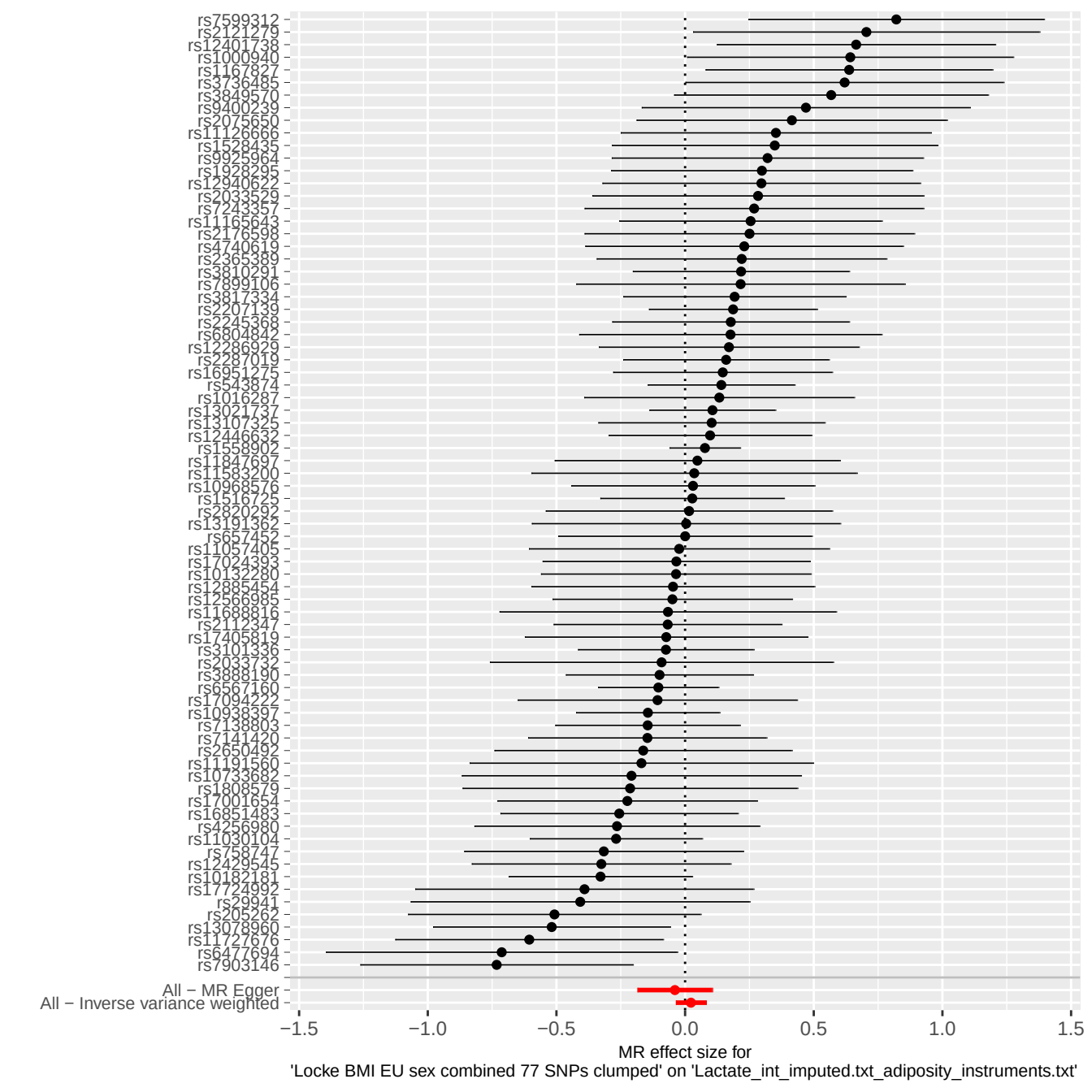

rs11688816
rs3736485
rs2121279
rs17724992
rs11191560
rs2287019
rs9400239
rs11165643
rs4740619
rs12401738
rs7903146
rs12885454
rs657452
rs3810291
rs11030104
rs12286929
rs16951275
rs10938397
rs12429545
rs9925964
rs6804842
rs2245368
rs13191362
rs1808579
rs7141420
rs2033732
rs11583200
rs1016287
rs1928295
rs6567160
rs7599312
rs13021737
rs758747
rs4256980
rs11847697
rs10132280
rs7138803
rs1528435
rs7899106
rs17001654
rs12446632
rs17094222
rs2207139
rs2820292
rs2365389
rs1558902
rs2650492
rs12940622
rs1516725
rs2033529
rs16851483
rs3888190
rs10733682
rs11727676
rs3101336
rs17405819
rs13107325
rs3849570
rs543874
rs10182181
rs13078960
rs11057405
rs205262
rs3817334
rs12566985
rs2176598
rs11126666
rs1167827
rs7243357
rs6477694
rs10968576
rs1000940
rs29941
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'non_HDL_C_int_imputed.txt_adiposity_instruments.txt

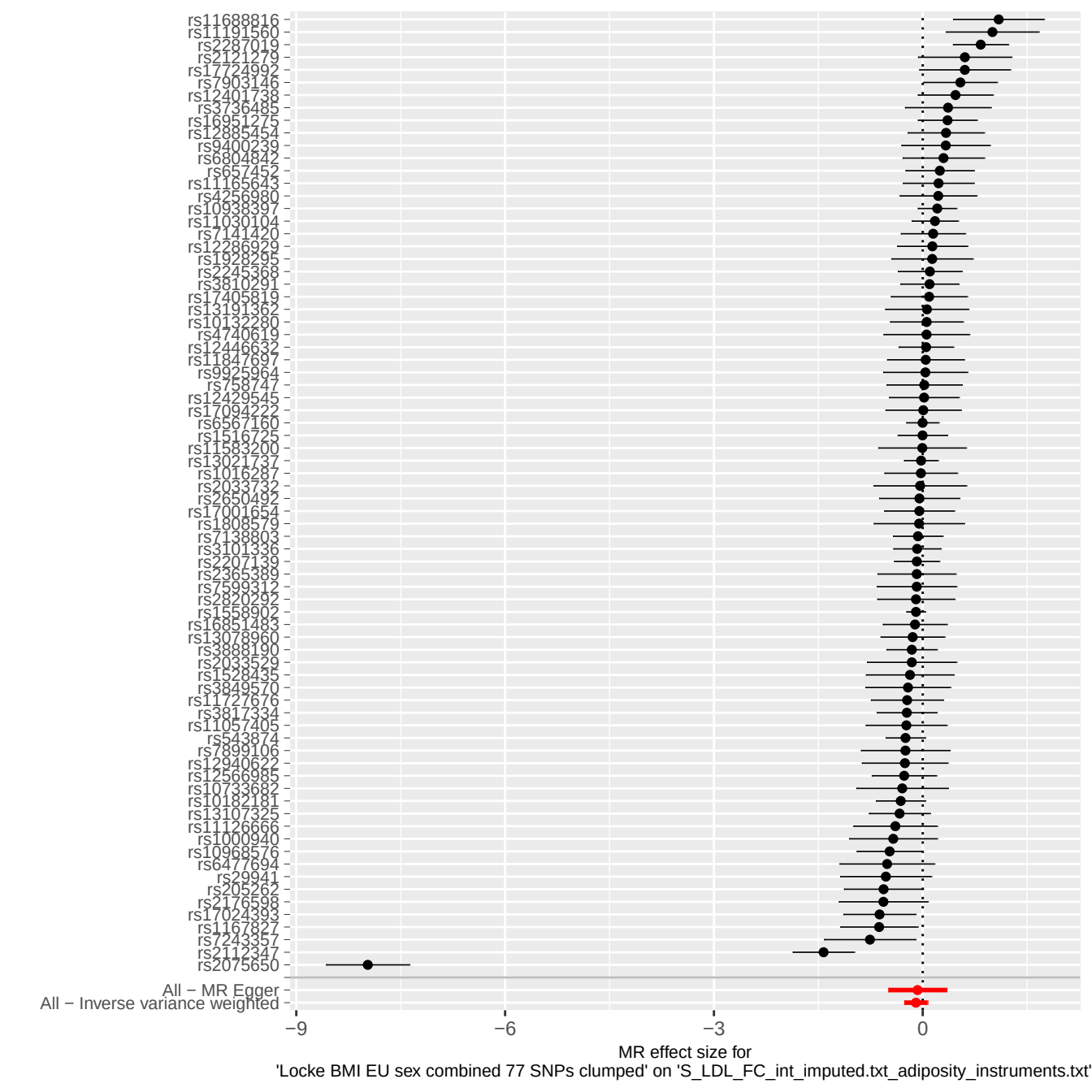

rs13107325
rs205262
rs11688816
rs3817334
rs2112347
rs2121279
rs7899106
rs1167827
rs4740619
rs1016287
rs11583200
rs9925964
rs12286929
rs6567160
rs12429545
rs758747
rs3810291
rs7599312
rs3736485
rs12885454
rs3849570
rs657452
rs11030104
rs17724992
rs1808579
rs10182181
rs2820292
rs12940622
rs2033529
rs7243357
rs2033732
rs9400239
rs2650492
rs13021737
rs16851483
rs2176598
rs12401738
rs16951275
rs12566985
rs11847697
rs543874
rs4256980
rs13191362
rs17024393
rs3888190
rs17094222
rs12446632
rs11165643
rs10132280
rs1528435
rs17001654
rs6804842
rs7138803
rs10938397
rs6477694
rs1558902
rs2365389
rs2287019
rs7141420
rs2207139
rs11727676
rs1928295
rs3101336
rs10968576
rs2245368
rs17405819
rs11191560
rs13078960
rs29941
rs10733682
rs7903146
rs1000940
rs11126666
rs11057405
rs1516725
rs2075650
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_PL_pct_int_imputed.txt_adiposity_instruments.

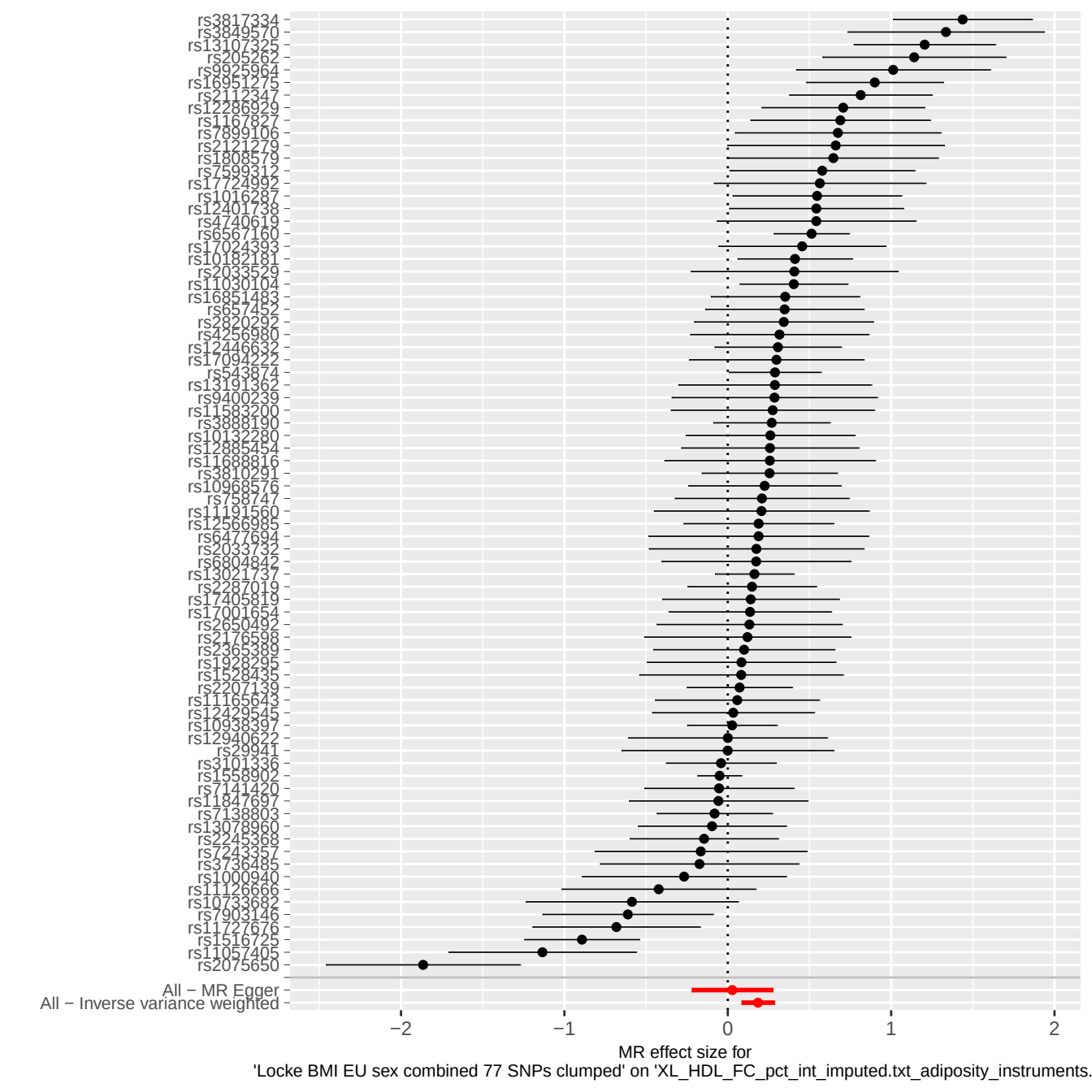

rs2075650
rs10733682
rs11057405
rs1516725
rs3736485
rs11727676
rs7903146
rs11126666
rs1528435
rs7243357
rs11165643
rs2207139
rs1000940
rs10938397
rs2365389
rs2287019
rs1558902
rs29941
rs7599312
rs13021737
rs13078960
rs12940622
rs11847697
rs2176598
rs6804842
rs2245368
rs13191362
rs10968576
rs11583200
rs4740619
rs657452
rs7141420
rs3101336
rs1928295
rs2033732
rs4256980
rs1167827
rs1808579
rs758747
rs9400239
rs11030104
rs6477694
rs11191560
rs12429545
rs12286929
rs10132280
rs17094222
rs7138803
rs543874
rs3810291
rs11688816
rs3888190
rs17405819
rs12566985
rs12446632
rs7899106
rs12885454
rs10182181
rs2820292
rs17724992
rs1016287
rs17001654
rs2121279
rs9925964
rs2033529
rs6567160
rs2650492
rs16851483
rs12401738
rs2112347
rs17024393
rs16951275
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'HDL_PL_int_imputed.txt_adiposity_instruments.txt'

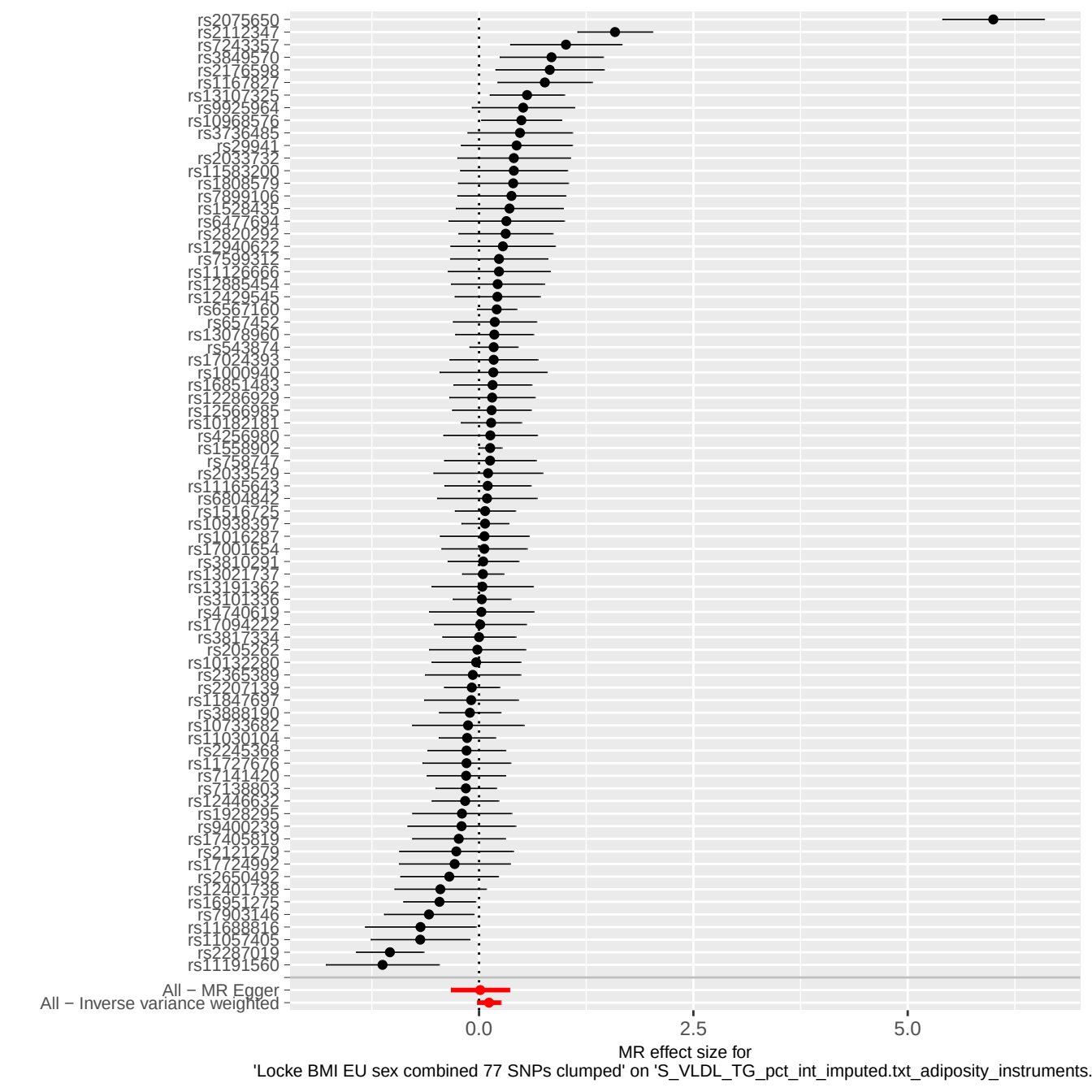

rs3736485
rs11688816
rs10733682
rs11057405
rs11165643
rs1516725
rs2287019
rs1528435
rs4740619
rs7903146
rs10938397
rs17724992
rs857452
rs7599312
rs11727676
rs9400239
rs2033732
rs2121279
rs13191362
rs7243357
rs11583200
rs13021737
rs6804842
rs11191560
rs12429545
rs2245368
rs11030104
rs1808579
rs3810291
rs12286929
rs2207139
rs12885454
rs12940622
rs2365389
rs7141420
rs1558902
rs11847697
rs11126666
rs758747
rs4256980
rs2176598
rs7899106
rs9925964
rs1928295
rs10132280
rs1016287
rs13078960
rs17094222
rs7138803
rs3101336
rs12401738
rs10968576
rs1167827
rs6567160
rs2820292
rs3888190
rs12446632
rs1000940
rs17001654
rs29941
rs543874
rs2033529
rs17405819
rs10182181
rs12566985
rs6477694
rs2650492
rs16851483
rs16951275
rs3849570
rs205262
rs13107325
rs17024393
rs2112347
rs3817334
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Cholines_int_imputed.txt_adiposity_instruments.txt'

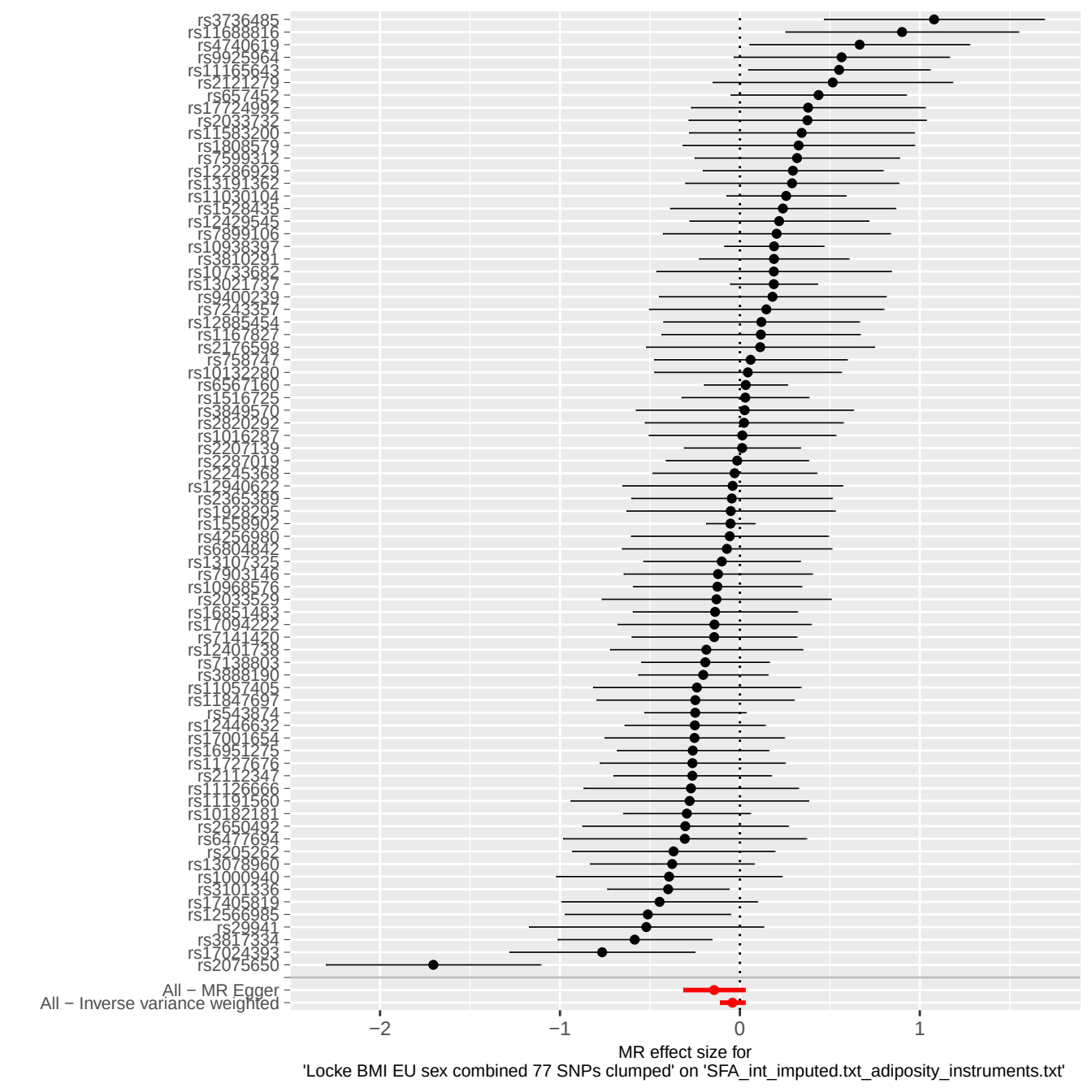

rs3736485
rs11688816
rs13107325
rs2121279
rs12429545
rs7243357
rs4740619
rs17724992
rs3810291
rs2033732
rs11583200
rs657452
rs9400239
rs758747
rs2112347
rs12286929
rs7899106
rs9925964
rs1016287
rs11165643
rs13021737
rs7599312
rs11030104
rs12885454
rs6567160
rs12940622
rs13191362
rs3849570
rs2033529
rs2176598
rs1528435
rs1808579
rs2820292
rs1167827
rs10938397
rs6804842
rs16851483
rs10132280
rs4256980
rs3817334
rs2245368
rs10182181
rs2650492
rs7138803
rs7141420
rs1558902
rs11847697
rs2365389
rs17094222
rs6477694
rs12566985
rs10733682
rs11057405
rs11727676
rs3888190
rs1928295
rs205262
rs10968576
rs543874
rs1516725
rs7903146
rs12446632
rs2207139
rs3101336
rs2287019
rs12401738
rs17001654
rs13078960
rs17405819
rs17024393
rs11191560
rs11126666
rs1000940
rs16951275
rs29941
rs2075650
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_TG_int_imputed.txt_adiposity_instruments.txt'

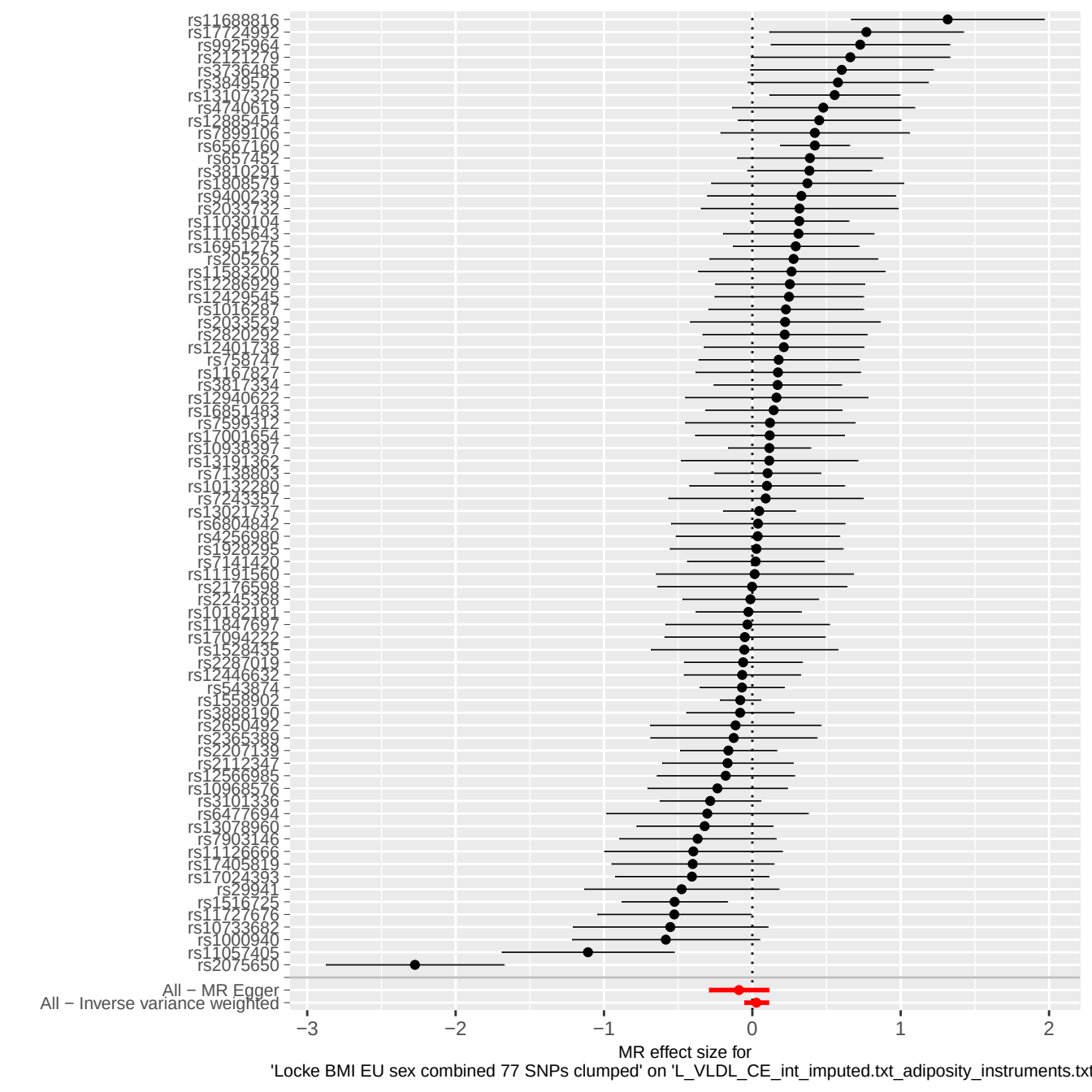

rs7599312
rs2121279
rs12401738
rs1000940
rs1167827
rs3736485
rs3849570
rs9400239
rs2075650
rs11126666
rs1528435
rs9925964
rs1928295
rs12940622
rs2033529
rs7243357
rs11165643
rs2176598
rs4740619
rs2365389
rs3810291
rs7899106
rs3817334
rs2207139
rs2245368
rs6804842
rs12286929
rs2287019
rs16951275
rs543874
rs1016287
rs13021737
rs13107325
rs12446632
rs1558902
rs11847697
rs11583200
rs10968576
rs1516725
rs2820292
rs13191362
rs657452
rs11057405
rs17024393
rs10132280
rs12885454
rs12566985
rs11688816
rs2112347
rs17405819
rs3101336
rs2033732
rs3888190
rs6567160
rs17094222
rs10938397
rs7138803
rs7141420
rs2650492
rs11191560
rs10733682
rs1808579
rs17001654
rs16851483
rs4256980
rs11030104
rs758747
rs12429545
rs10182181
rs17724992
rs29941
rs205262
rs13078960
rs11727676
rs6477694
rs7903146
All − MR Egger
All − Inverse variance weighted
−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Lactate_int_imputed.txt_adiposity_instruments.txt'

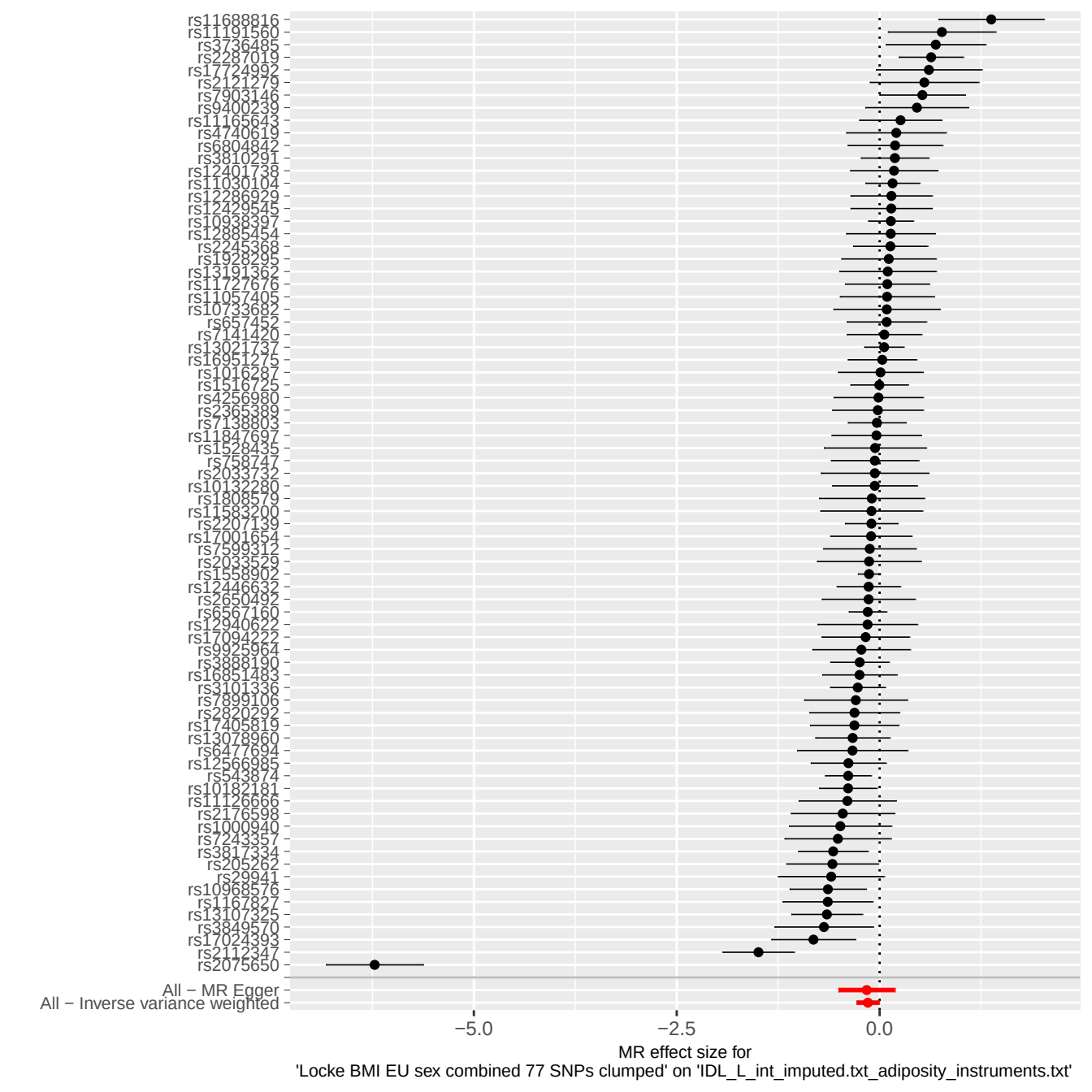

rs11688816
rs11191560
rs2287019
rs2121279
rs17724992
rs7903146
rs12401738
rs3736485
rs16951275
rs12885454
rs9400239
rs6804842
rs657452
rs11165643
rs4256980
rs10938397
rs11030104
rs7141420
rs12286929
rs1928295
rs2245368
rs3810291
rs17405819
rs13191362
rs10132280
rs4740619
rs12446632
rs11847697
rs9925964
rs758747
rs12429545
rs17094222
rs6567160
rs1516725
rs11583200
rs13021737
rs1016287
rs2033732
rs2650492
rs17001654
rs1808579
rs7138803
rs3101336
rs2207139
rs2365389
rs7599312
rs2820292
rs1558902
rs16851483
rs13078960
rs3888190
rs2033529
rs1528435
rs3849570
rs11727676
rs3817334
rs11057405
rs543874
rs7899106
rs12940622
rs12566985
rs10733682
rs10182181
rs13107325
rs11126666
rs1000940
rs10968576
rs6477694
rs29941
rs205262
rs2176598
rs17024393
rs1167827
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−9
−6
−3
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_FC_int_imputed.txt_adiposity_instruments.txt'

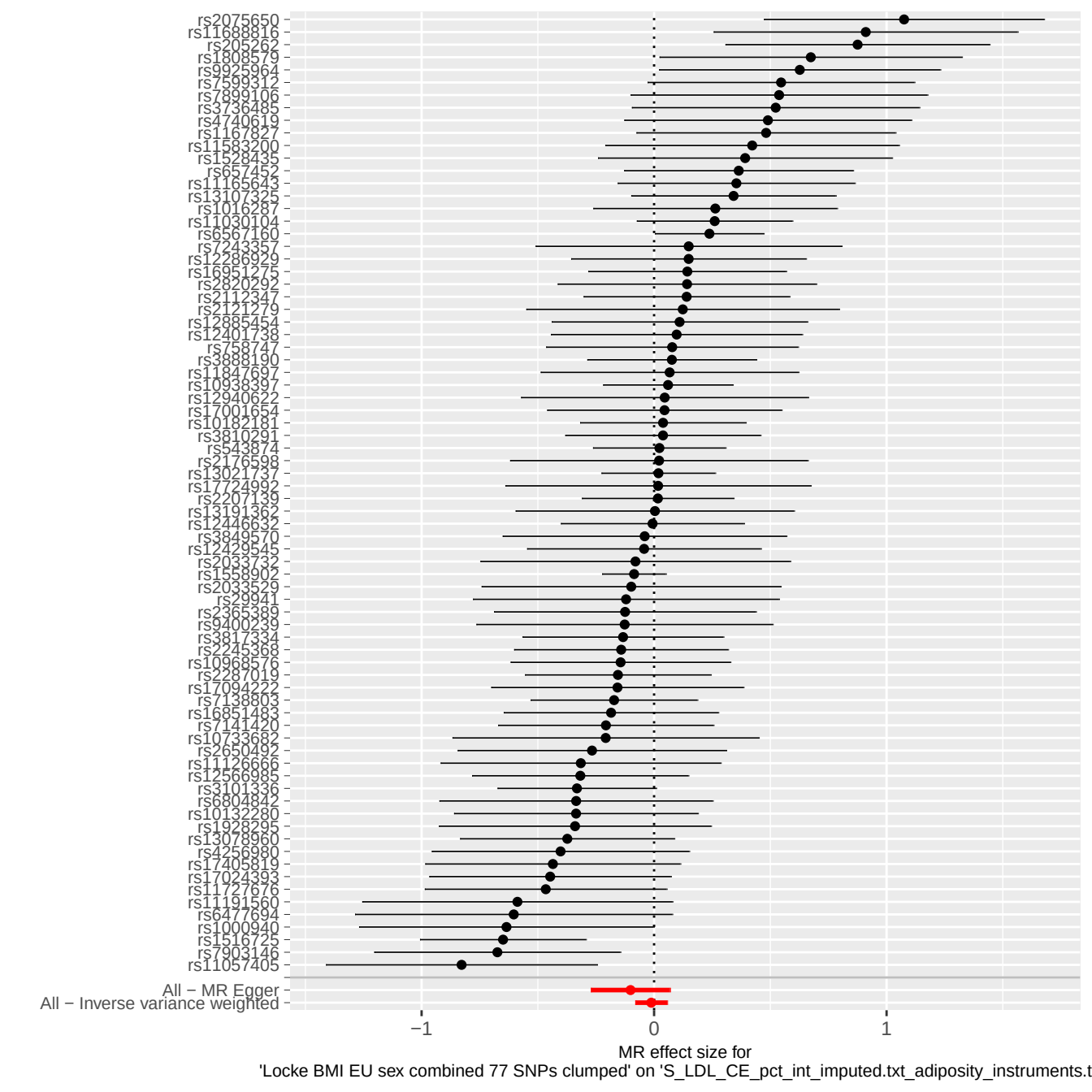

rs3817334
rs3849570
rs13107325
rs205262
rs9925964
rs16951275
rs2112347
rs12286929
rs1167827
rs7899106
rs2121279
rs1808579
rs7599312
rs17724992
rs1016287
rs12401738
rs4740619
rs6567160
rs17024393
rs10182181
rs2033529
rs11030104
rs16851483
rs657452
rs2820292
rs4256980
rs12446632
rs17094222
rs543874
rs13191362
rs9400239
rs11583200
rs3888190
rs10132280
rs12885454
rs11688816
rs3810291
rs10968576
rs758747
rs11191560
rs12566985
rs6477694
rs2033732
rs6804842
rs13021737
rs2287019
rs17405819
rs17001654
rs2650492
rs2176598
rs2365389
rs1928295
rs1528435
rs2207139
rs11165643
rs12429545
rs10938397
rs12940622
rs29941
rs3101336
rs1558902
rs7141420
rs11847697
rs7138803
rs13078960
rs2245368
rs7243357
rs3736485
rs1000940
rs11126666
rs10733682
rs7903146
rs11727676
rs1516725
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_FC_pct_int_imputed.txt_adiposity_instruments.

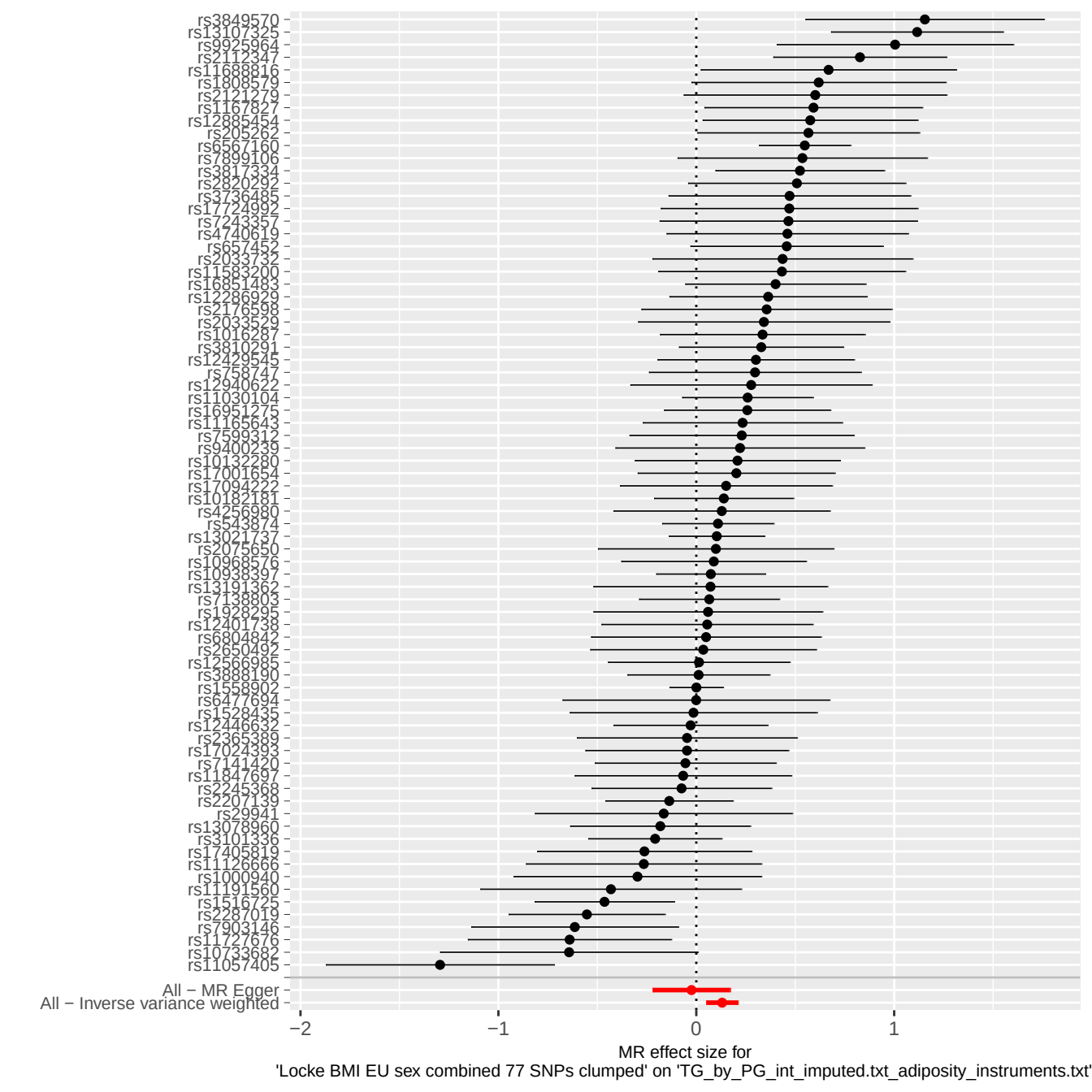

rs2075650
rs2112347
rs7243357
rs3849570
rs2176598
rs1167827
rs13107325
rs9925964
rs10968576
rs3736485
rs29941
rs2033732
rs11583200
rs1808579
rs7899106
rs1528435
rs6477694
rs2820292
rs12940622
rs7599312
rs11126666
rs12885454
rs12429545
rs6567160
rs657452
rs13078960
rs543874
rs17024393
rs1000940
rs16851483
rs12286929
rs12566985
rs10182181
rs4256980
rs1558902
rs758747
rs2033529
rs11165643
rs6804842
rs1516725
rs10938397
rs1016287
rs17001654
rs3810291
rs13021737
rs13191362
rs3101336
rs4740619
rs17094222
rs3817334
rs205262
rs10132280
rs2365389
rs2207139
rs11847697
rs3888190
rs10733682
rs11030104
rs2245368
rs11727676
rs7141420
rs7138803
rs12446632
rs1928295
rs9400239
rs17405819
rs2121279
rs17724992
rs2650492
rs12401738
rs16951275
rs7903146
rs11688816
rs11057405
rs2287019
rs11191560
All − MR Egger
All − Inverse variance weighted
0.0
2.5
5.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_TG_pct_int_imputed.txt_adiposity_instruments.

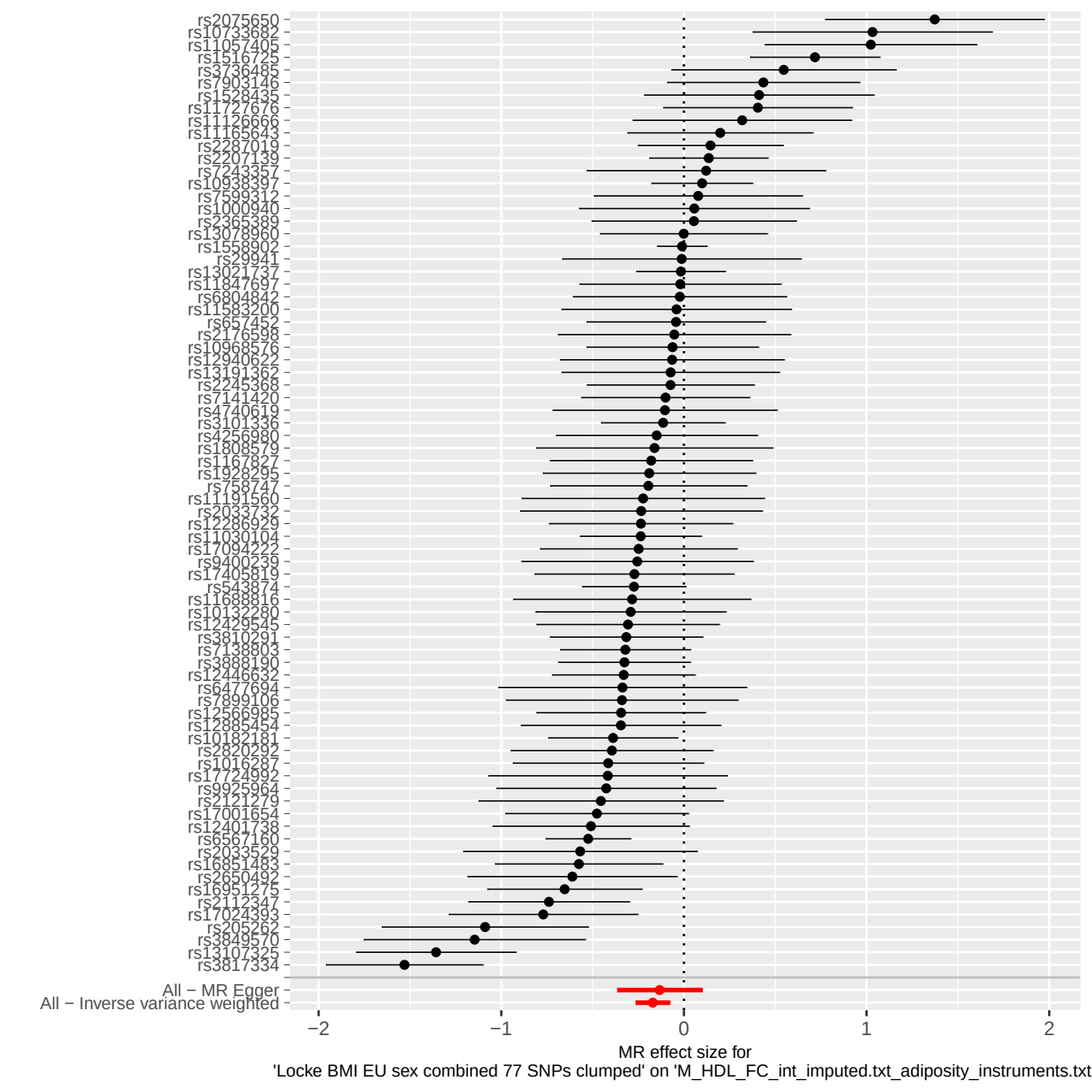

rs3736485
rs11688816
rs4740619
rs9925964
rs11165643
rs2121279
rs657452
rs17724992
rs2033732
rs11583200
rs1808579
rs7599312
rs12286929
rs13191362
rs11030104
rs1528435
rs12429545
rs7899106
rs10938397
rs3810291
rs10733682
rs13021737
rs9400239
rs7243357
rs12885454
rs1167827
rs2176598
rs758747
rs10132280
rs6567160
rs1516725
rs3849570
rs2820292
rs1016287
rs2207139
rs2287019
rs2245368
rs12940622
rs2365389
rs1928295
rs1558902
rs4256980
rs6804842
rs13107325
rs7903146
rs10968576
rs2033529
rs16851483
rs17094222
rs7141420
rs12401738
rs7138803
rs3888190
rs11057405
rs11847697
rs543874
rs12446632
rs17001654
rs16951275
rs11727676
rs2112347
rs11126666
rs11191560
rs10182181
rs2650492
rs6477694
rs205262
rs13078960
rs1000940
rs3101336
rs17405819
rs12566985
rs29941
rs3817334
rs17024393
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'SFA_int_imputed.txt_adiposity_instruments.txt'

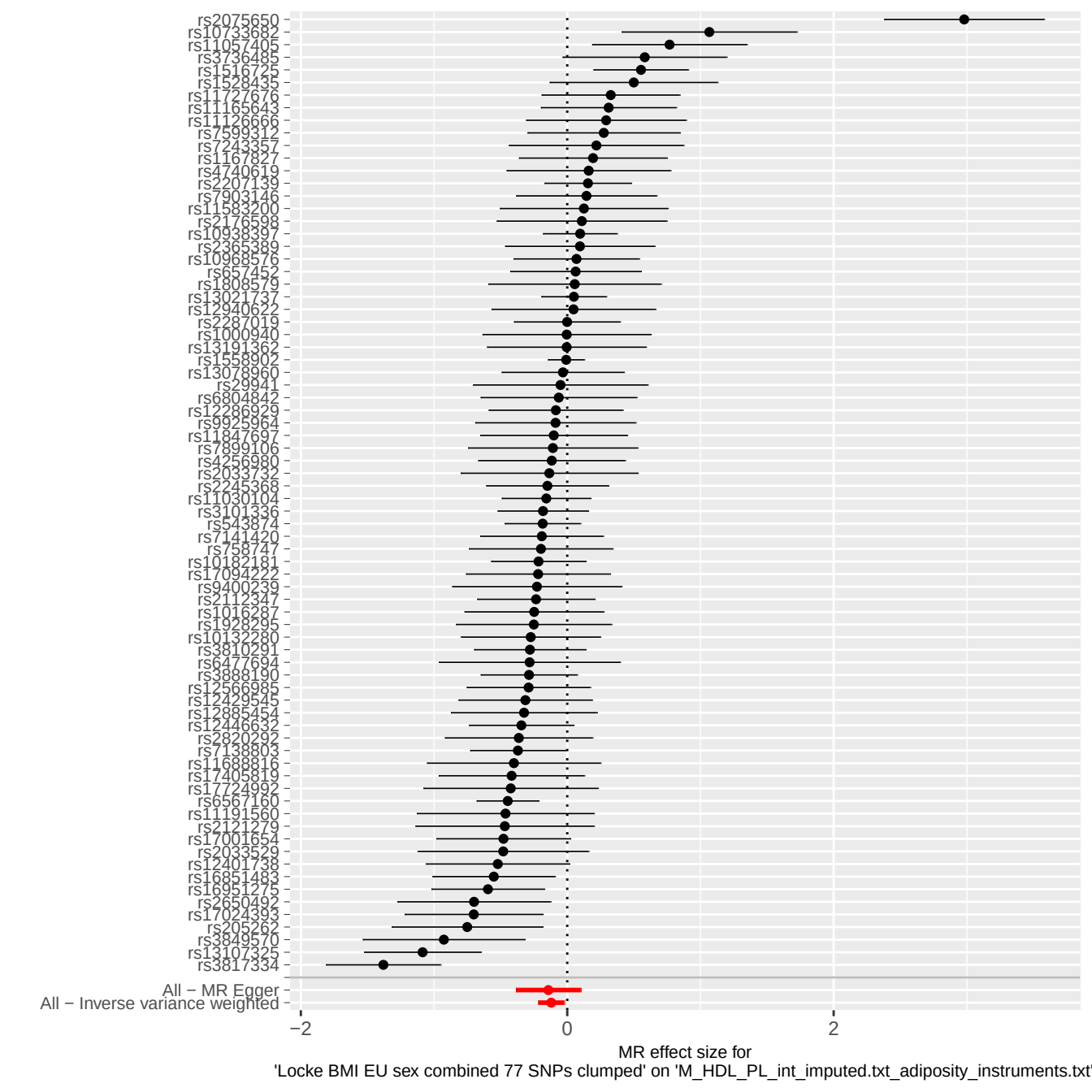

rs11688816
rs17724992
rs9925964
rs2121279
rs3736485
rs3849570
rs13107325
rs4740619
rs12885454
rs7899106
rs6567160
rs657452
rs3810291
rs1808579
rs9400239
rs2033732
rs11030104
rs11165643
rs16951275
rs205262
rs11583200
rs12286929
rs12429545
rs1016287
rs2033529
rs2820292
rs12401738
rs758747
rs1167827
rs3817334
rs12940622
rs16851483
rs7599312
rs17001654
rs10938397
rs13191362
rs7138803
rs10132280
rs7243357
rs13021737
rs6804842
rs4256980
rs1928295
rs7141420
rs11191560
rs2176598
rs2245368
rs10182181
rs11847697
rs17094222
rs1528435
rs2287019
rs12446632
rs543874
rs1558902
rs3888190
rs2650492
rs2365389
rs2207139
rs2112347
rs12566985
rs10968576
rs3101336
rs6477694
rs13078960
rs7903146
rs11126666
rs17405819
rs17024393
rs29941
rs1516725
rs11727676
rs10733682
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_CE_int_imputed.txt_adiposity_instruments.txt

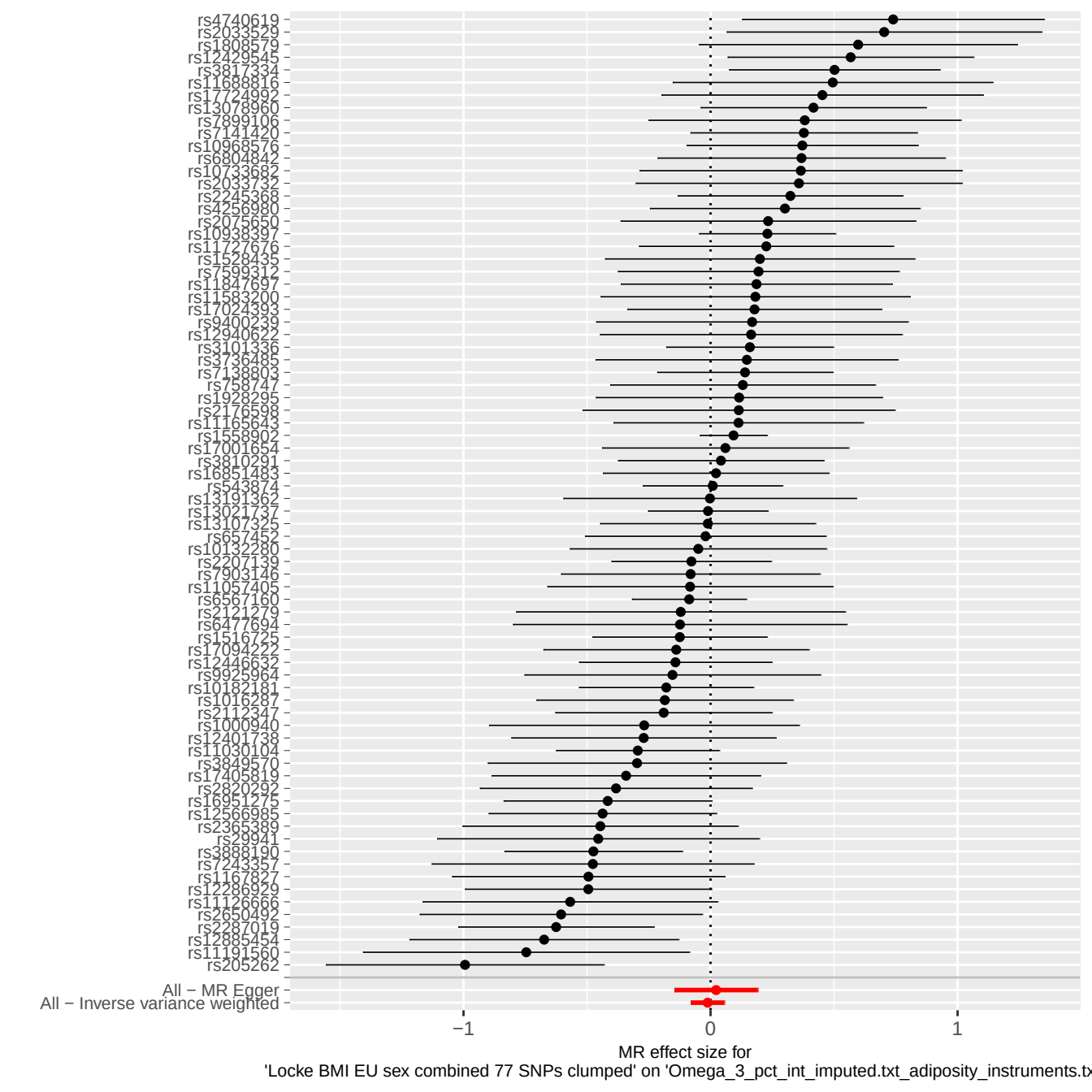

rs11688816
rs11191560
rs3736485
rs2287019
rs17724992
rs2121279
rs7903146
rs9400239
rs11165643
rs4740619
rs6804842
rs3810291
rs12401738
rs11030104
rs12286929
rs12429545
rs10938397
rs12885454
rs2245368
rs1928295
rs13191362
rs11727676
rs11057405
rs10733682
rs657452
rs7141420
rs13021737
rs16951275
rs1016287
rs1516725
rs4256980
rs2365389
rs7138803
rs11847697
rs1528435
rs758747
rs2033732
rs10132280
rs1808579
rs11583200
rs2207139
rs17001654
rs7599312
rs2033529
rs1558902
rs12446632
rs2650492
rs6567160
rs12940622
rs17094222
rs9925964
rs3888190
rs16851483
rs3101336
rs7899106
rs2820292
rs17405819
rs13078960
rs6477694
rs12566985
rs543874
rs10182181
rs11126666
rs2176598
rs1000940
rs7243357
rs3817334
rs205262
rs29941
rs10968576
rs1167827
rs13107325
rs3849570
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_L_int_imputed.txt_adiposity_instruments.txt'

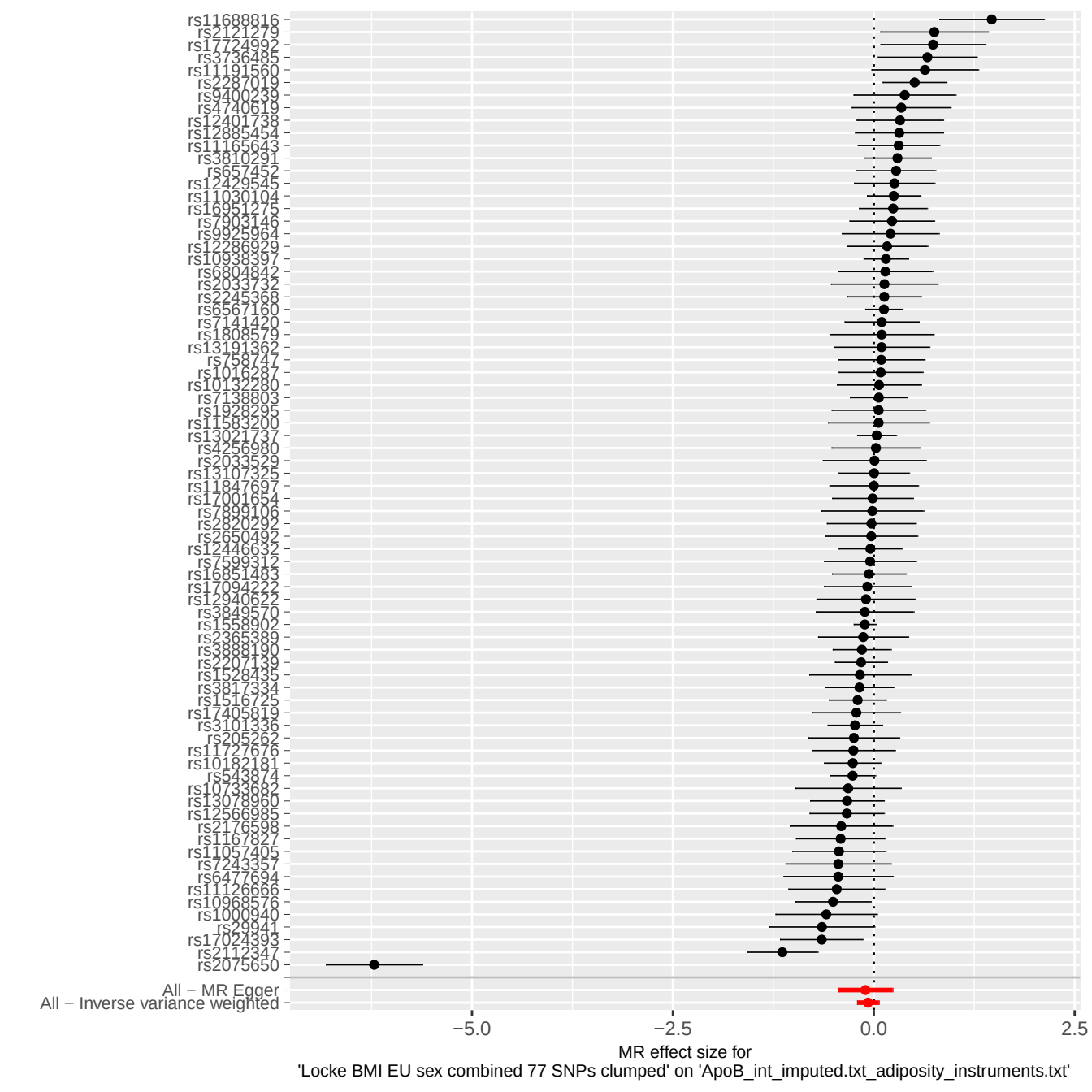

rs2075650
rs11688816
rs205262
rs1808579
rs9925964
rs7599312
rs7899106
rs3736485
rs4740619
rs1167827
rs11583200
rs1528435
rs657452
rs11165643
rs13107325
rs1016287
rs11030104
rs6567160
rs7243357
rs12286929
rs16951275
rs2820292
rs2112347
rs2121279
rs12885454
rs12401738
rs758747
rs3888190
rs11847697
rs10938397
rs12940622
rs17001654
rs10182181
rs3810291
rs543874
rs2176598
rs13021737
rs17724992
rs2207139
rs13191362
rs12446632
rs3849570
rs12429545
rs2033732
rs1558902
rs2033529
rs29941
rs2365389
rs9400239
rs3817334
rs2245368
rs10968576
rs2287019
rs17094222
rs7138803
rs16851483
rs7141420
rs10733682
rs2650492
rs11126666
rs12566985
rs3101336
rs6804842
rs10132280
rs1928295
rs13078960
rs4256980
rs17405819
rs17024393
rs11727676
rs11191560
rs6477694
rs1000940
rs1516725
rs7903146
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_CE_pct_int_imputed.txt_adiposity_instruments.t

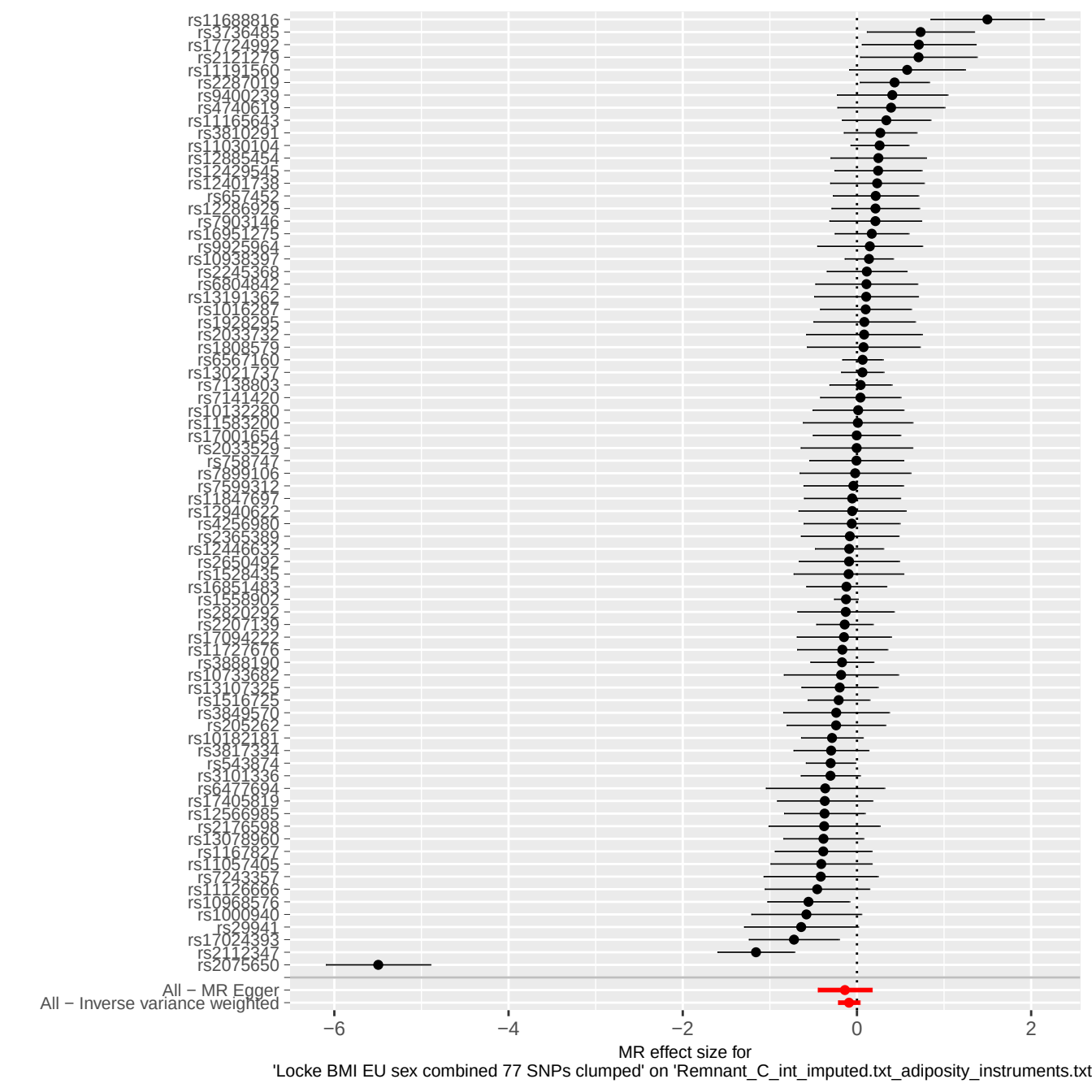

rs3849570
rs13107325
rs9925964
rs2112347
rs11688816
rs1808579
rs2121279
rs1167827
rs12885454
rs205262
rs6567160
rs7899106
rs3817334
rs2820292
rs3736485
rs17724992
rs7243357
rs4740619
rs657452
rs2033732
rs11583200
rs16851483
rs12286929
rs2176598
rs2033529
rs1016287
rs3810291
rs12429545
rs758747
rs12940622
rs11030104
rs16951275
rs11165643
rs7599312
rs9400239
rs10132280
rs17001654
rs17094222
rs10182181
rs4256980
rs543874
rs13021737
rs2075650
rs10968576
rs10938397
rs13191362
rs7138803
rs1928295
rs12401738
rs6804842
rs2650492
rs12566985
rs3888190
rs1558902
rs6477694
rs1528435
rs12446632
rs2365389
rs17024393
rs7141420
rs11847697
rs2245368
rs2207139
rs29941
rs13078960
rs3101336
rs17405819
rs11126666
rs1000940
rs11191560
rs1516725
rs2287019
rs7903146
rs11727676
rs10733682
rs11057405
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'TG_by_PG_int_imputed.txt_adiposity_instruments.txt'

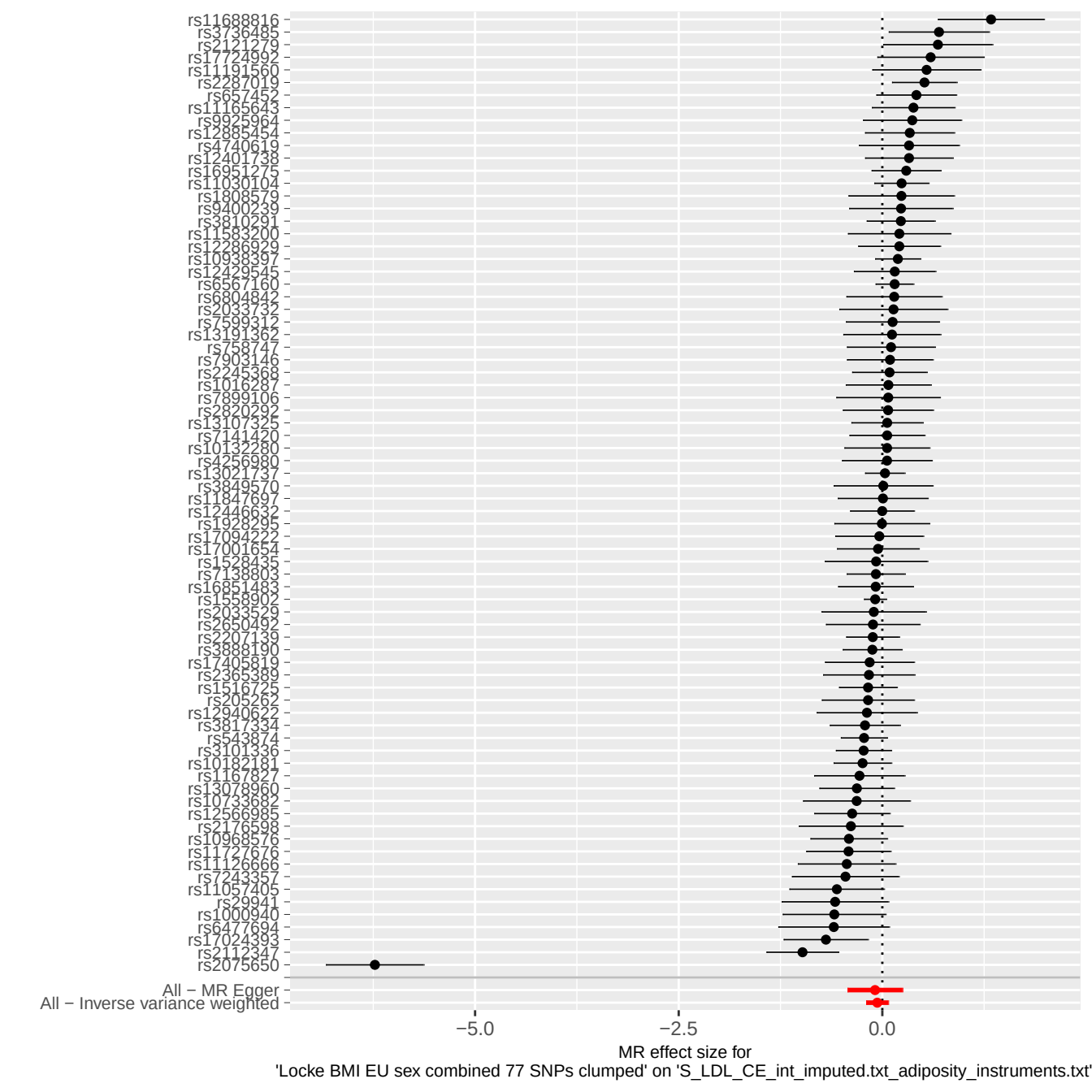

rs2075650
rs10733682
rs11057405
rs1516725
rs3736485
rs7903146
rs1528435
rs11727676
rs11126666
rs11165643
rs2287019
rs2207139
rs7243357
rs10938397
rs7599312
rs1000940
rs2365389
rs13078960
rs1558902
rs29941
rs13021737
rs11847697
rs6804842
rs11583200
rs657452
rs2176598
rs10968576
rs12940622
rs13191362
rs2245368
rs7141420
rs4740619
rs3101336
rs4256980
rs1808579
rs1167827
rs1928295
rs758747
rs11191560
rs2033732
rs12286929
rs11030104
rs17094222
rs9400239
rs17405819
rs543874
rs11688816
rs10132280
rs12429545
rs3810291
rs7138803
rs3888190
rs12446632
rs6477694
rs7899106
rs12566985
rs12885454
rs10182181
rs2820292
rs1016287
rs17724992
rs9925964
rs2121279
rs17001654
rs12401738
rs6567160
rs2033529
rs16851483
rs2650492
rs16951275
rs2112347
rs17024393
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_FC_int_imputed.txt_adiposity_instruments.txt

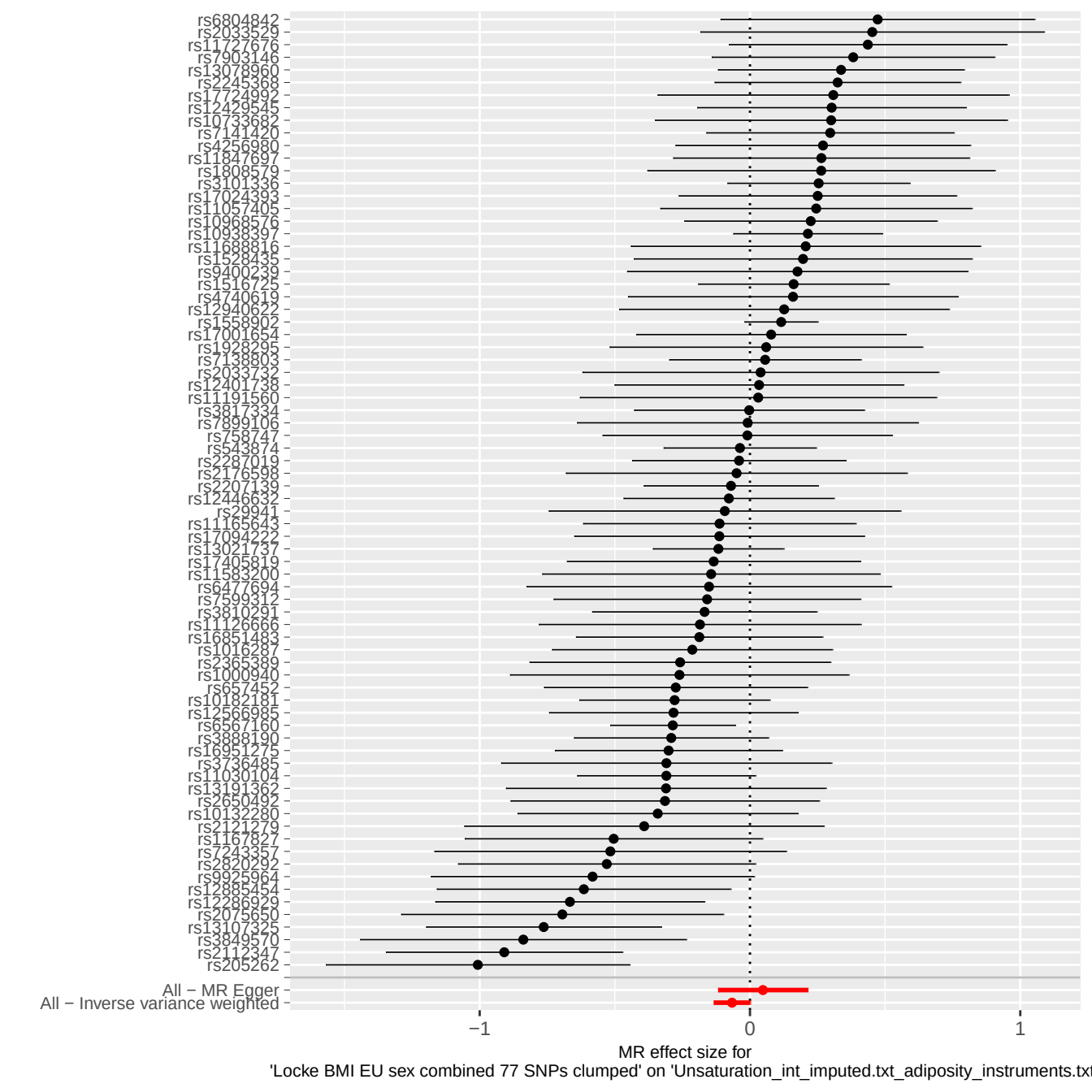

rs2075650
rs10733682
rs11057405
rs3736485
rs1516725
rs1528435
rs11727676
rs11165643
rs11126666
rs7599312
rs7243357
rs1167827
rs4740619
rs2207139
rs7903146
rs11583200
rs2176598
rs10938397
rs2365389
rs10968576
rs657452
rs1808579
rs13021737
rs12940622
rs2287019
rs1000940
rs13191362
rs1558902
rs13078960
rs29941
rs6804842
rs12286929
rs9925964
rs11847697
rs7899106
rs4256980
rs2033732
rs2245368
rs11030104
rs3101336
rs543874
rs7141420
rs758747
rs10182181
rs17094222
rs9400239
rs2112347
rs1016287
rs1928295
rs10132280
rs3810291
rs6477694
rs3888190
rs12566985
rs12429545
rs12885454
rs12446632
rs2820292
rs7138803
rs11688816
rs17405819
rs17724992
rs6567160
rs11191560
rs2121279
rs17001654
rs2033529
rs12401738
rs16851483
rs16951275
rs2650492
rs17024393
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_PL_int_imputed.txt_adiposity_instruments.txt'

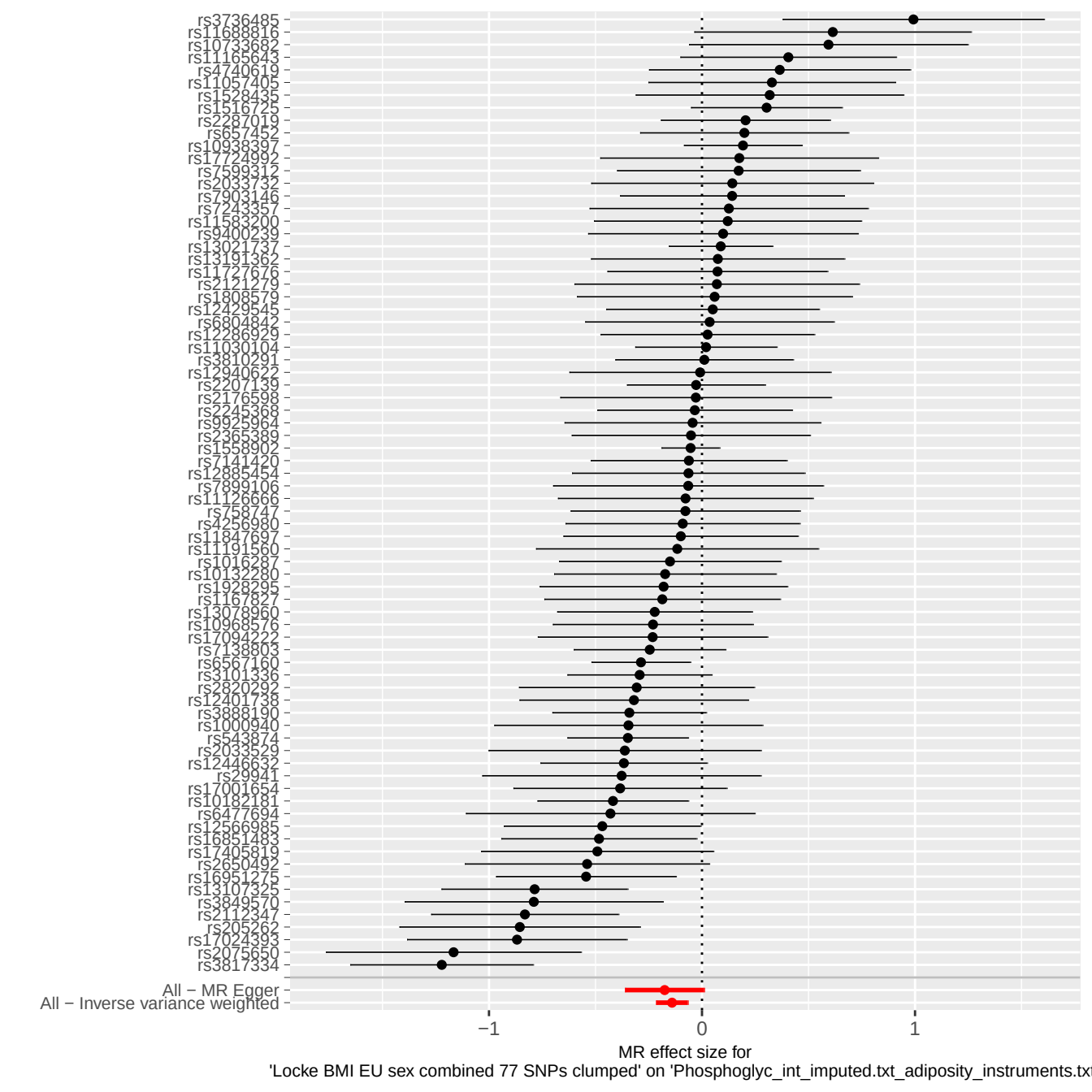

rs4740619
rs2033529
rs1808579
rs12429545
rs3817334
rs11688816
rs17724992
rs13078960
rs7899106
rs7141420
rs10968576
rs6804842
rs10733682
rs2033732
rs2245368
rs4256980
rs2075650
rs10938397
rs11727676
rs1528435
rs7569312
rs11847697
rs11583200
rs17024393
rs9400239
rs12940622
rs3101336
rs3736485
rs7138803
rs758747
rs1928295
rs2176598
rs11165643
rs1558902
rs17001654
rs3810291
rs16851483
rs543874
rs13191362
rs13021737
rs13107325
rs657452
rs10132280
rs2207139
rs7903146
rs11057405
rs6567160
rs2121279
rs6477694
rs1516725
rs17094222
rs12446632
rs9925964
rs10182181
rs1016287
rs2112347
rs1000940
rs12401738
rs11030104
rs3849570
rs17405819
rs2820292
rs16951275
rs12566985
rs2365389
rs29941
rs3888190
rs7243357
rs1167827
rs12286929
rs11126666
rs2650492
rs2287019
rs12885454
rs11191560
rs205262
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Omega_3_pct_int_imputed.txt_adiposity_instruments.tx

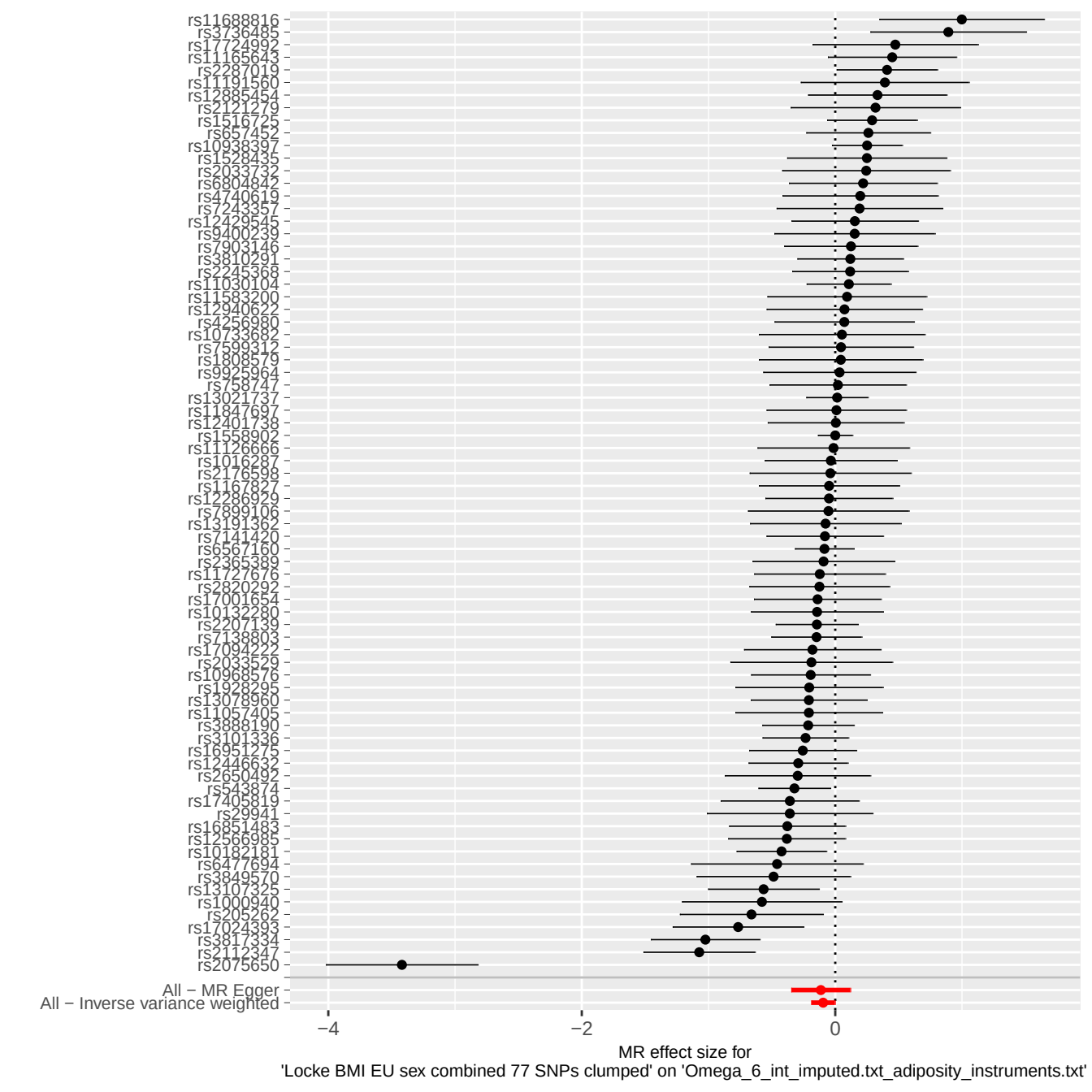

rs11688816
rs2121279
rs17224692
rs3736485
rs11191560
rs2287019
rs9400239
rs4740619
rs12401738
rs12885454
rs11165643
rs3810291
rs657452
rs12429545
rs11030104
rs16951275
rs7903146
rs9925964
rs12286929
rs10938397
rs6804842
rs2033732
rs2245368
rs6567160
rs7141420
rs1808579
rs13191362
rs758747
rs1016287
rs10132280
rs7138803
rs1928295
rs11583200
rs13021737
rs4256980
rs2033529
rs13107325
rs11847697
rs17001654
rs7899106
rs2820292
rs2650492
rs12446632
rs7599312
rs16851483
rs17094222
rs12940622
rs3849570
rs1558902
rs2365389
rs3888190
rs2207139
rs1528435
rs3817334
rs1516725
rs17405819
rs3101336
rs205262
rs11727676
rs10182181
rs543874
rs10733682
rs13078960
rs12566985
rs2176598
rs1167827
rs11057405
rs7243357
rs6477694
rs11126666
rs10968576
rs1000940
rs29941
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'ApoB_int_imputed.txt_adiposity_instruments.txt'

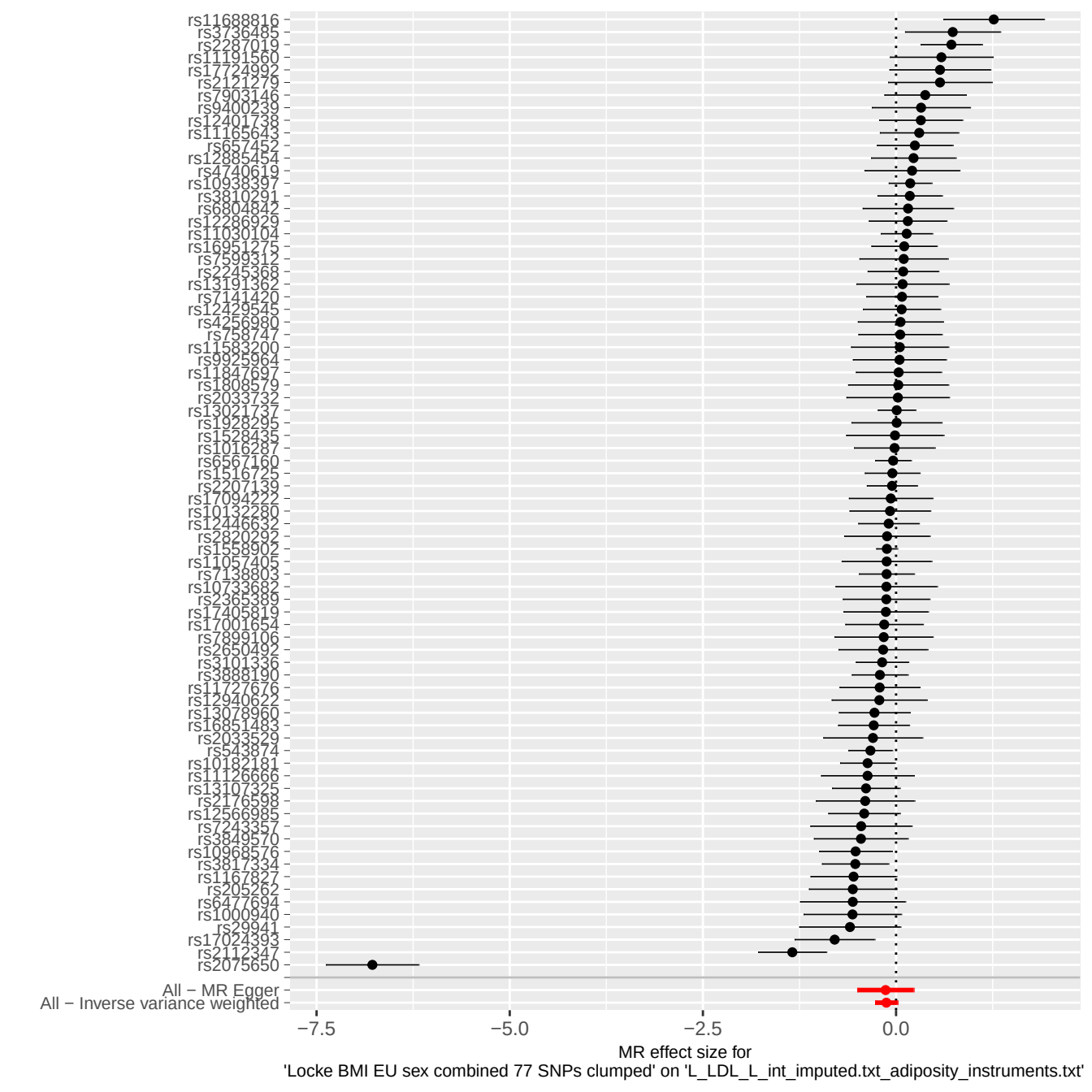

rs11688816
rs3736485
rs17724992
rs2121279
rs11191560
rs2287019
rs9400239
rs4740619
rs11165643
rs3810291
rs11030104
rs12885454
rs12429545
rs12401738
rs657452
rs12286929
rs7903146
rs16951275
rs9925964
rs10938397
rs2245368
rs6804842
rs13191362
rs1016287
rs1928295
rs2033732
rs1808579
rs6567160
rs13021737
rs7138803
rs7141420
rs10132280
rs11583200
rs17001654
rs2033529
rs758747
rs7899106
rs7599312
rs11847697
rs12940622
rs4256980
rs2365389
rs12446632
rs2650492
rs1528435
rs16851483
rs1558902
rs2820292
rs2207139
rs17094222
rs11727676
rs3888190
rs10733682
rs13107325
rs1516725
rs3849570
rs205262
rs10182181
rs3817334
rs543874
rs3101336
rs6477694
rs17405819
rs12566985
rs2176598
rs13078960
rs1167827
rs11057405
rs7243357
rs11126666
rs10968576
rs1000940
rs29941
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Remnant_C_int_imputed.txt_adiposity_instruments.txt

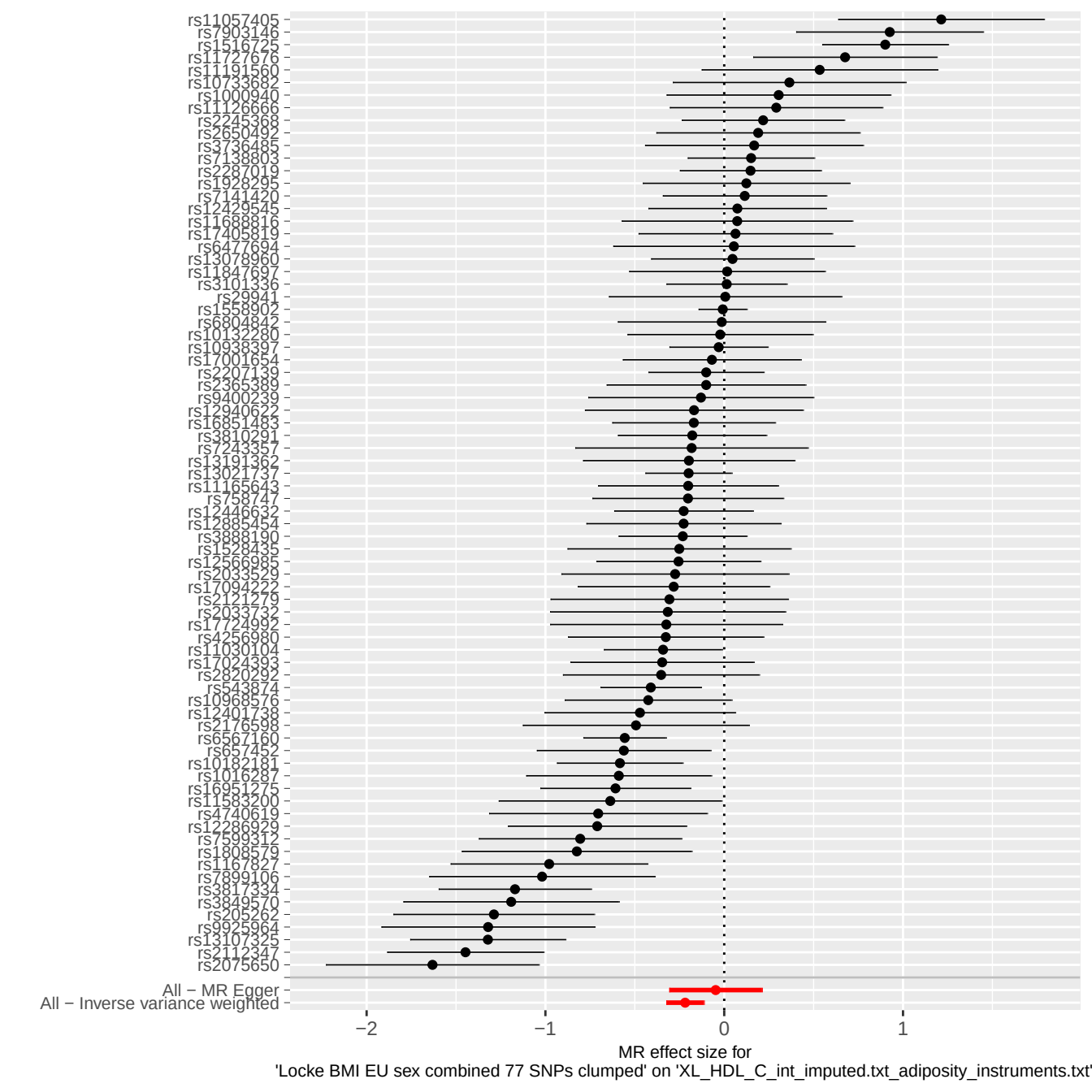

rs11688816
rs3736485
rs2121279
rs17724992
rs11191560
rs2287019
rs657452
rs11165643
rs9925964
rs12885454
rs4740619
rs12401738
rs16951275
rs11030104
rs1808579
rs9400239
rs3810291
rs11583200
rs12286929
rs10938397
rs12429545
rs6567160
rs6804842
rs2033732
rs7599312
rs13191362
rs758747
rs7903146
rs2245368
rs1016287
rs7899106
rs2820292
rs13107325
rs7141420
rs10132280
rs4256980
rs13021737
rs3849570
rs11847697
rs12446632
rs1928295
rs17094222
rs17001654
rs1528435
rs7138803
rs16851483
rs1558902
rs2033529
rs2650492
rs2207139
rs3888190
rs17405819
rs2365389
rs1516725
rs205262
rs12940622
rs3817334
rs543874
rs3101336
rs10182181
rs1167827
rs13078960
rs10733682
rs12566985
rs2176598
rs10968576
rs11727676
rs11126666
rs7243357
rs11057405
rs29941
rs1000940
rs6477694
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_CE_int_imputed.txt_adiposity_instruments.txt'

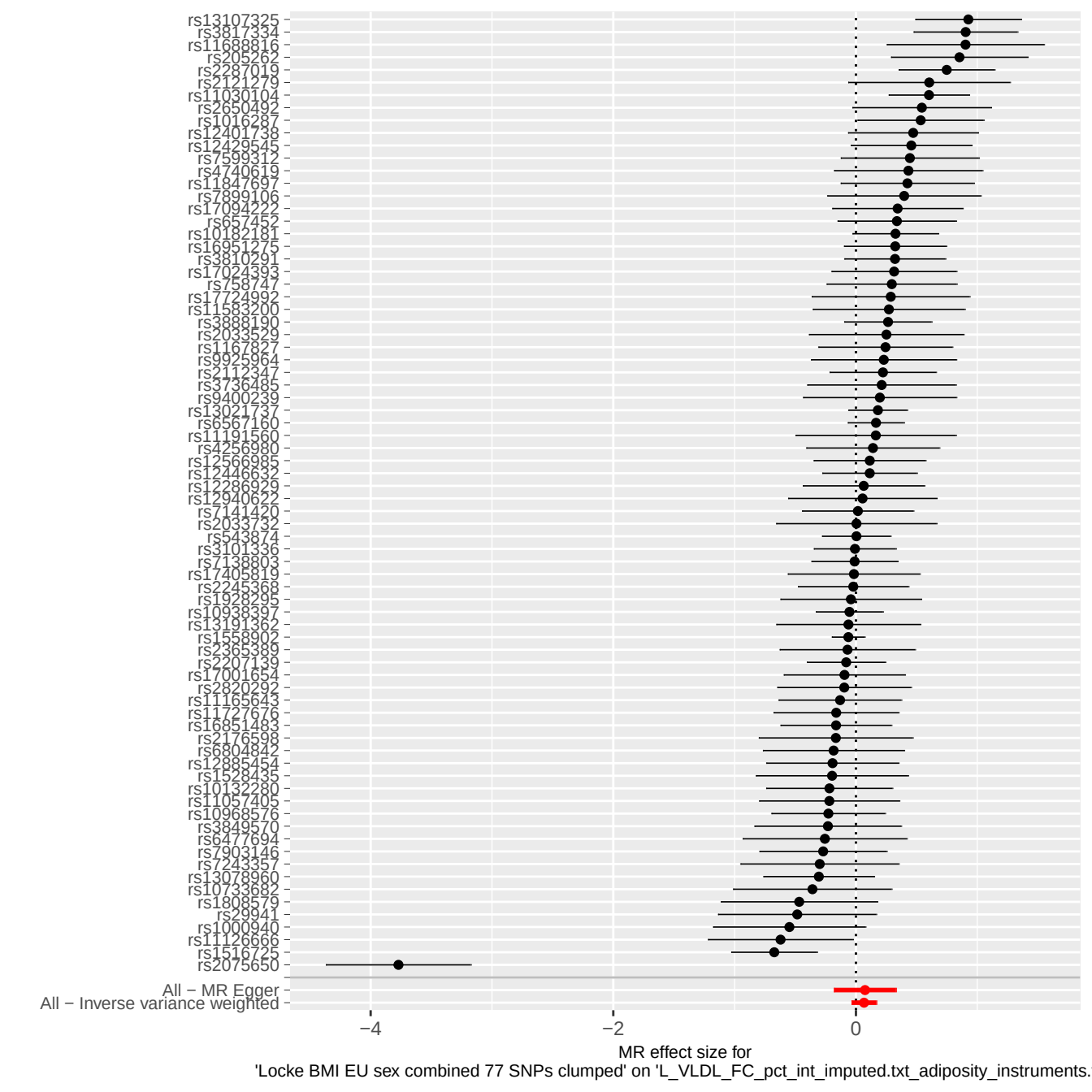

rs6804842
rs2033529
rs11727676
rs7903146
rs13078960
rs2245368
rs17724992
rs12429545
rs10733682
rs7141420
rs4256980
rs11847697
rs1808579
rs3101336
rs17024393
rs11057405
rs10968576
rs10938397
rs11688816
rs1528435
rs9400239
rs1516725
rs4740619
rs12940622
rs1558902
rs17001654
rs1928295
rs7138803
rs2033732
rs12401738
rs11191560
rs3817334
rs7899106
rs758747
rs543874
rs2287019
rs2176598
rs2207139
rs12446632
rs29941
rs11165643
rs17094222
rs13021737
rs17405819
rs11583200
rs6477694
rs7599312
rs3810291
rs11126666
rs16851483
rs1016287
rs2365389
rs1000940
rs657452
rs10182181
rs12566985
rs6567160
rs3888190
rs16951275
rs3736485
rs11030104
rs13191362
rs2650492
rs10132280
rs2121279
rs1167827
rs7243357
rs2820292
rs9925964
rs12885454
rs12286929
rs2075650
rs13107325
rs3849570
rs2112347
rs205262
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Unsaturation_int_imputed.txt_adiposity_instruments.txt'

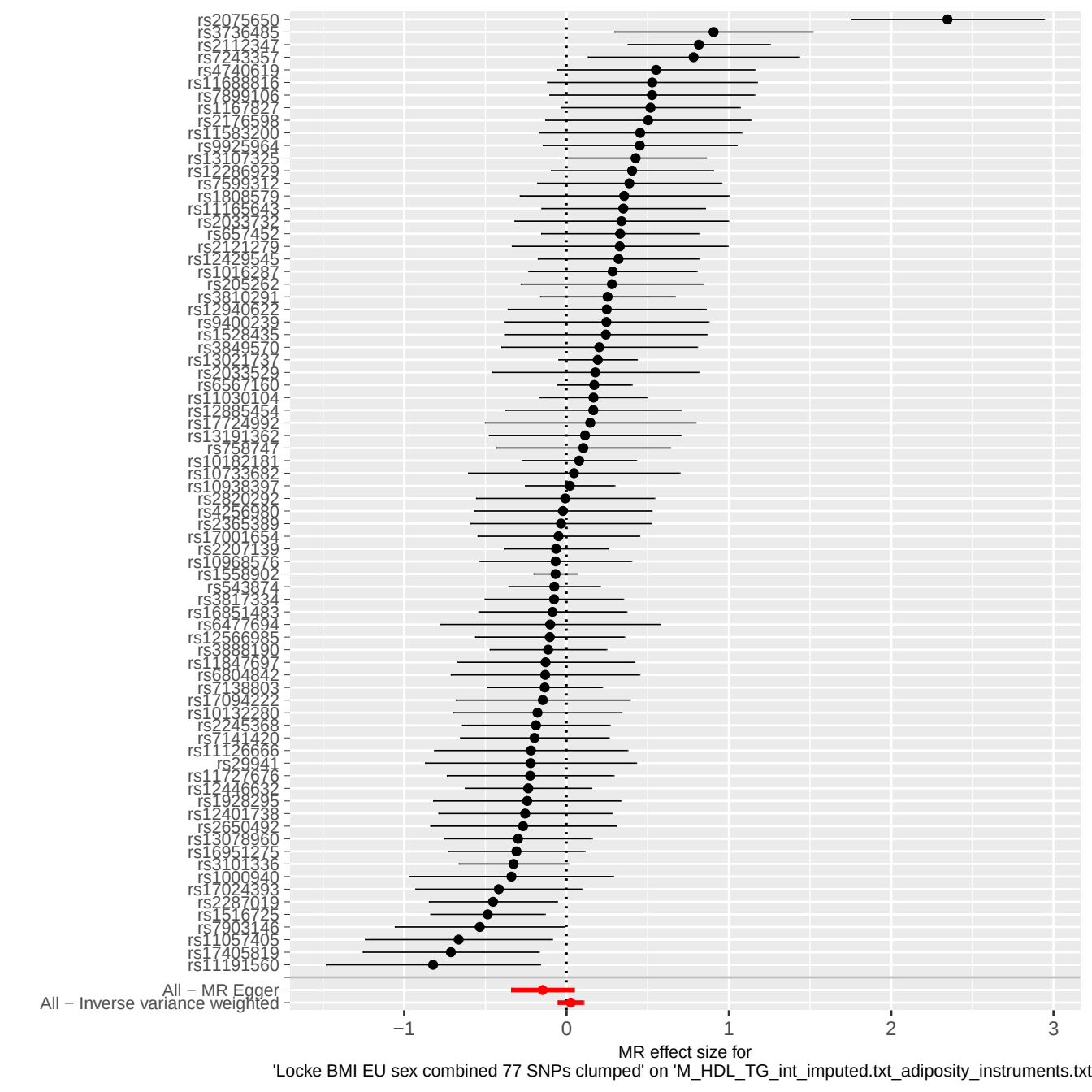

rs3736485
rs11688816
rs10733682
rs11165643
rs4740619
rs11057405
rs1528435
rs1516725
rs2287019
rs657452
rs10938397
rs17724992
rs7559312
rs2033732
rs7903146
rs7243357
rs11583200
rs9400239
rs13021737
rs13191362
rs11727676
rs2121279
rs1808579
rs12429545
rs6804842
rs12286929
rs11030104
rs3810291
rs12940622
rs2207139
rs2176598
rs2245368
rs9925964
rs2365389
rs1558902
rs7141420
rs12885454
rs7899106
rs11126666
rs758747
rs4256980
rs11847697
rs11191560
rs1016287
rs10132280
rs1928295
rs1167827
rs13078960
rs10968576
rs17094222
rs7138803
rs6567160
rs3101336
rs2820292
rs12401738
rs3888190
rs1000940
rs543874
rs2033529
rs12446632
rs29941
rs17001654
rs10182181
rs6477694
rs12566985
rs16851483
rs17405819
rs2650492
rs16951275
rs13107325
rs3849570
rs2112347
rs205262
rs17024393
rs2075650
rs3817334
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Phosphoglyc_int_imputed.txt_adiposity_instruments.txt

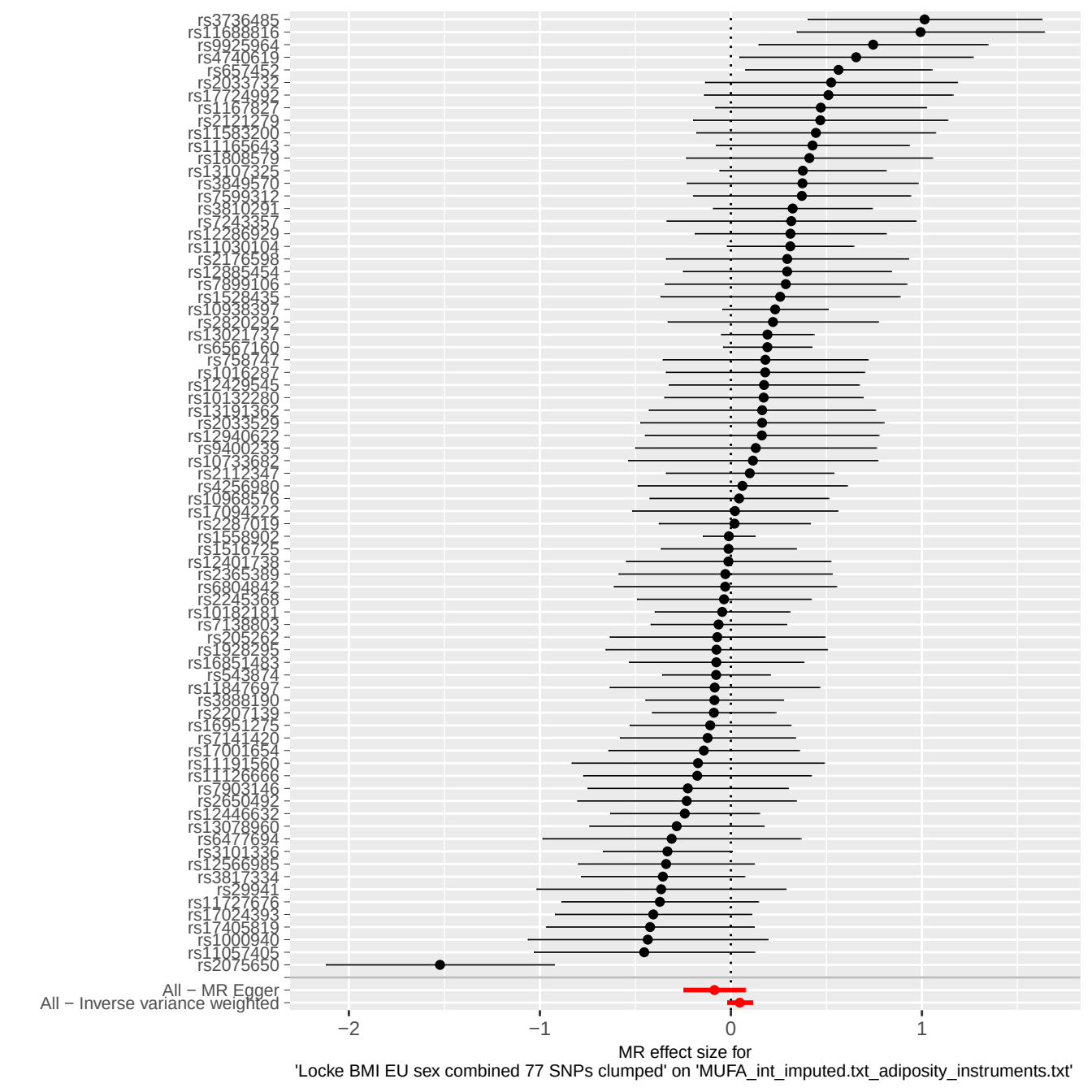

rs11688816
rs3736485
rs17724992
rs11165643
rs2287019
rs11191560
rs12885454
rs2121279
rs1516725
rs657452
rs10938397
rs1528435
rs2033732
rs6804842
rs4740619
rs7243357
rs12429545
rs9400239
rs7903146
rs3810291
rs2245368
rs11030104
rs11583200
rs12940622
rs4256980
rs10733682
rs7599312
rs1808579
rs9925964
rs758747
rs13021737
rs11847697
rs12401738
rs1558902
rs11126666
rs1016287
rs2176598
rs1167827
rs12286929
rs7899106
rs13191362
rs7141420
rs6567160
rs2365389
rs11727676
rs2820292
rs17001654
rs10132280
rs2207139
rs7138803
rs17094222
rs2033529
rs10968576
rs1928295
rs13078960
rs11057405
rs3888190
rs3101336
rs16951275
rs12446632
rs2650492
rs543874
rs17405819
rs29941
rs16851483
rs12566985
rs10182181
rs6477694
rs3849570
rs13107325
rs1000940
rs205262
rs17024393
rs3817334
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Omega_6_int_imputed.txt_adiposity_instruments.txt'

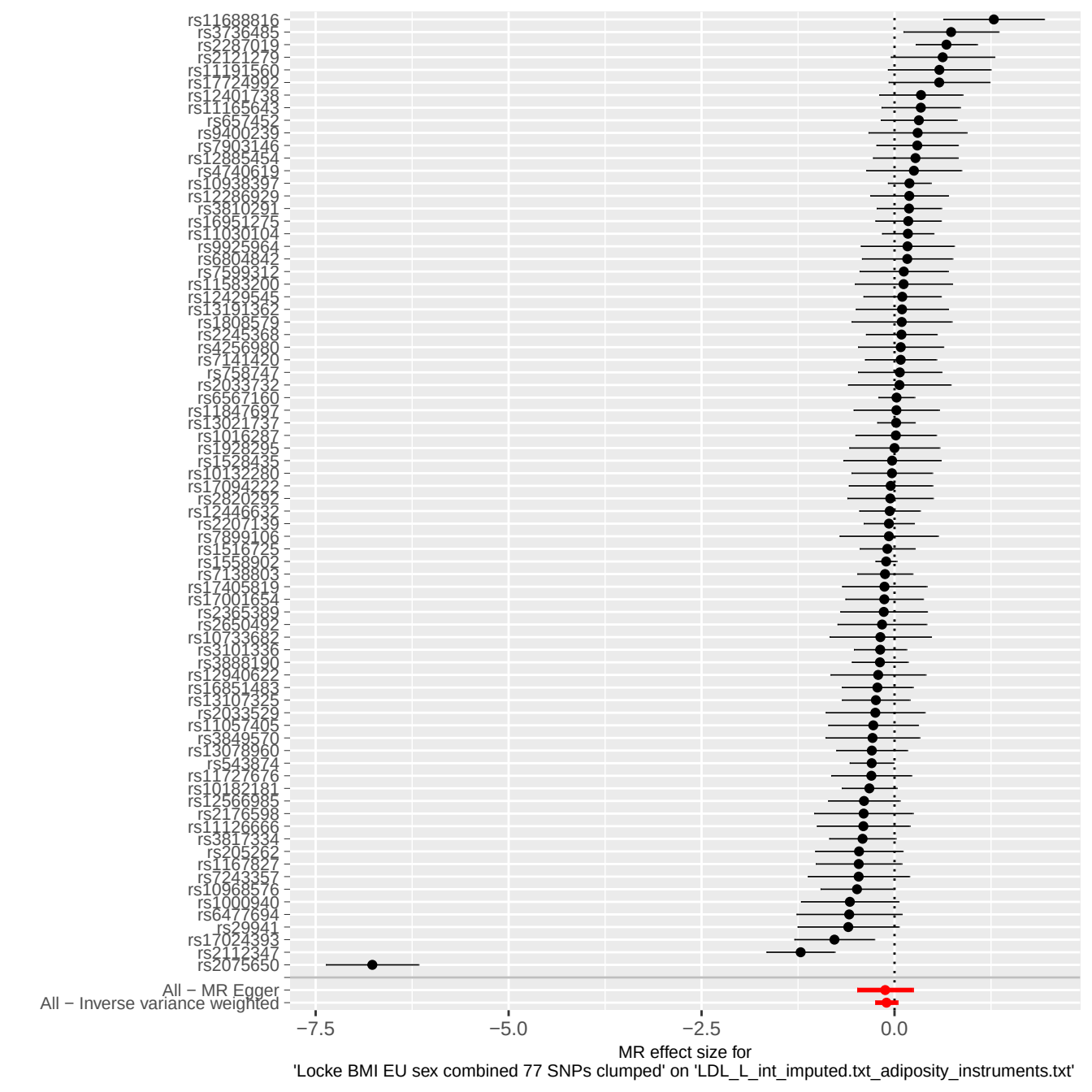

rs11688816
rs3736485
rs2287019
rs11191560
rs17724992
rs2121279
rs7903146
rs9400239
rs12401738
rs11165643
rs657452
rs12885454
rs4740619
rs10938397
rs3810291
rs6804842
rs12286929
rs11030104
rs16951275
rs7599312
rs2245368
rs13191362
rs7141420
rs12429545
rs4256980
rs758747
rs11583200
rs9925964
rs11847697
rs1808579
rs2033732
rs13021737
rs1928295
rs1528435
rs1016287
rs6567160
rs1516725
rs2207139
rs17094222
rs10132280
rs12446632
rs2820292
rs1558902
rs11057405
rs7138803
rs10733682
rs2365389
rs17405819
rs17001654
rs7899106
rs2650492
rs3101336
rs3888190
rs11727676
rs12940622
rs13078960
rs16851483
rs2033529
rs543874
rs10182181
rs11126666
rs13107325
rs2176598
rs12566985
rs7243357
rs3849570
rs10968576
rs3817334
rs1167827
rs205262
rs6477694
rs1000940
rs29941
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_L_int_imputed.txt_adiposity_instruments.txt'

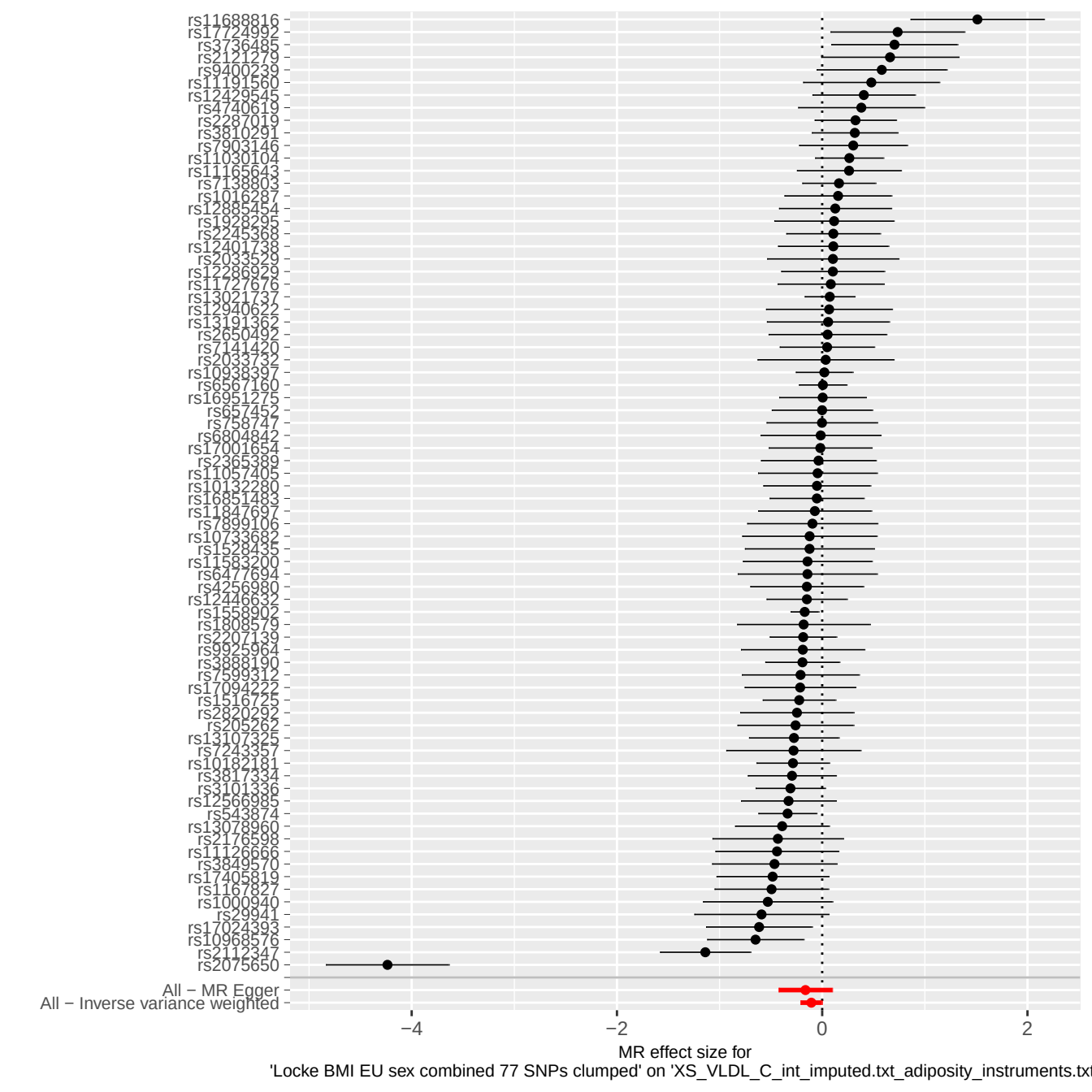

rs11057405
rs7903146
rs1516725
rs11727676
rs11191560
rs10733682
rs1000940
rs11126666
rs2245368
rs2650492
rs3736485
rs7138803
rs2287019
rs1928295
rs7141420
rs12429545
rs11688816
rs17405819
rs6477694
rs13078960
rs11847697
rs3101336
rs29941
rs1558902
rs6804842
rs10132280
rs10938397
rs17001654
rs2207139
rs2365389
rs9400239
rs12940622
rs16851483
rs3810291
rs7243357
rs13191362
rs13021737
rs11165643
rs758747
rs12446632
rs12885454
rs3888190
rs1528435
rs12566985
rs2033529
rs17094222
rs2121279
rs2033732
rs17724992
rs4256980
rs11030104
rs17024393
rs2820292
rs543874
rs10968576
rs12401738
rs2176598
rs6567160
rs657452
rs10182181
rs1016287
rs16951275
rs11583200
rs4740619
rs12286929
rs7599312
rs1808579
rs1167827
rs7899106
rs3817334
rs3849570
rs205262
rs9925964
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_C_int_imputed.txt_adiposity_instruments.txt'

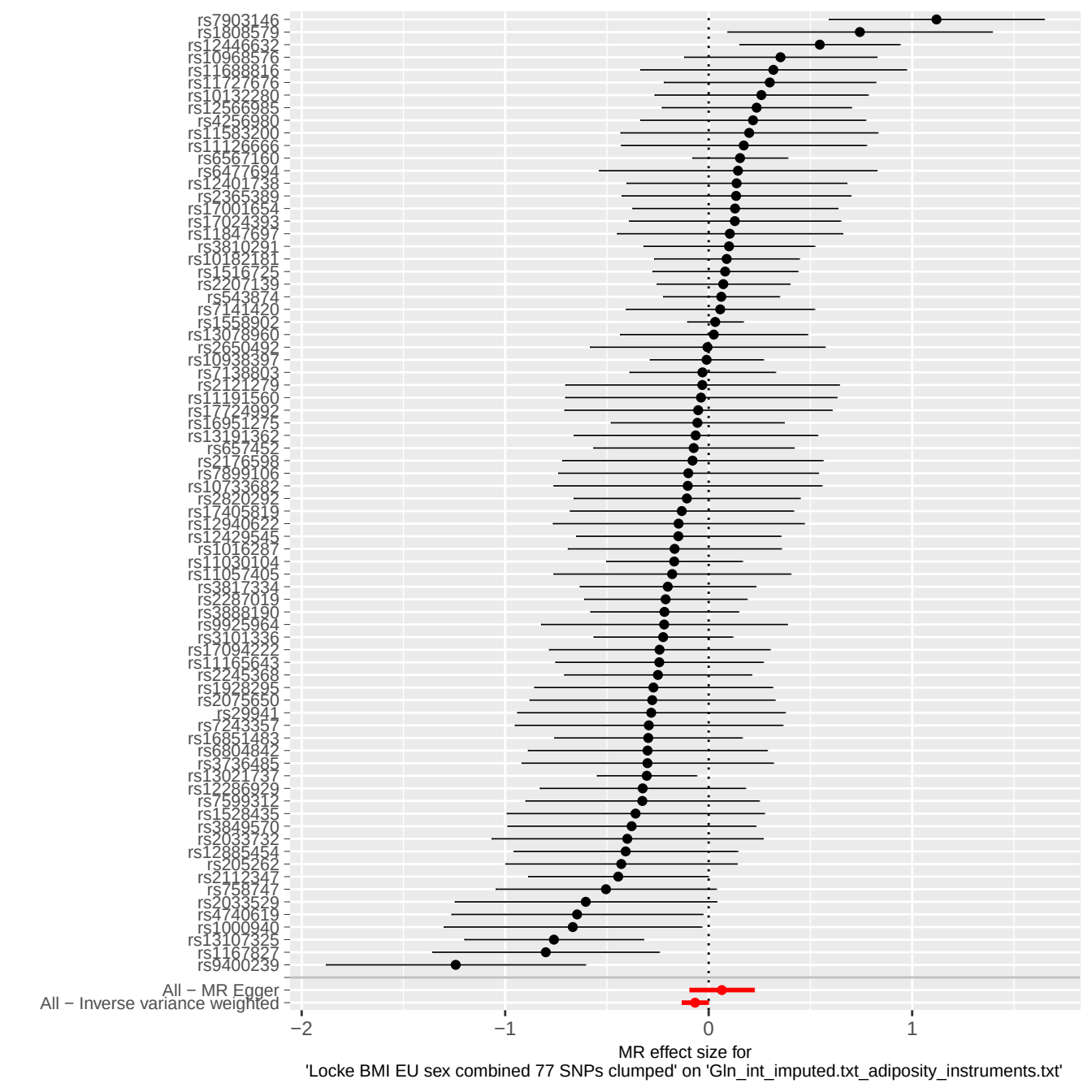

rs13107325
rs3817334
rs11688816
rs205262
rs2287019
rs2121279
rs11030104
rs2650492
rs1016287
rs12401738
rs12429545
rs7599312
rs4740619
rs11847697
rs7899106
rs17094222
rs657452
rs10182181
rs16951275
rs3810291
rs17024393
rs758747
rs17724992
rs11583200
rs3888190
rs2033529
rs1167827
rs9925964
rs2112347
rs3736485
rs9400239
rs13021737
rs6567160
rs11191560
rs4256980
rs12566985
rs12446632
rs12286929
rs12940622
rs7141420
rs2033732
rs543874
rs3101336
rs7138803
rs17405819
rs2245368
rs1928295
rs10938397
rs13191362
rs1558902
rs2365389
rs2207139
rs17001654
rs2820292
rs11165643
rs11727676
rs16851483
rs2176598
rs6804842
rs12885454
rs1528435
rs10132280
rs11057405
rs10968576
rs3849570
rs6477694
rs7903146
rs7243357
rs13078960
rs10733682
rs1808579
rs29941
rs1000940
rs11126666
rs1516725
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_FC_pct_int_imputed.txt_adiposity_instruments.

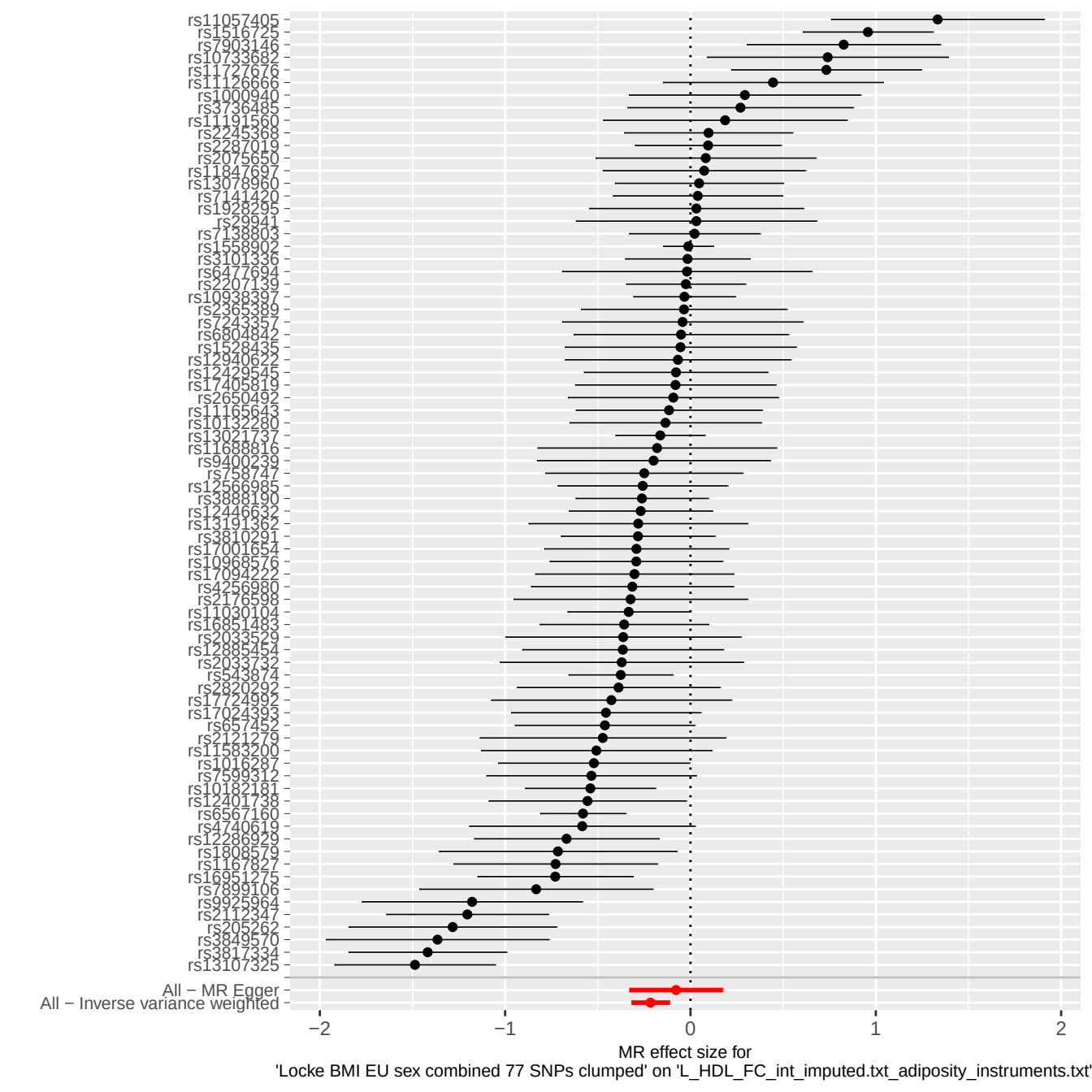

rs2075650
rs3736485
rs2112347
rs7243357
rs4740619
rs11688816
rs7899106
rs1167827
rs2176598
rs11583200
rs9925964
rs13107325
rs12286929
rs7599312
rs1808579
rs11165643
rs2033732
rs657452
rs2121279
rs12429545
rs1016287
rs205262
rs3810291
rs12940622
rs9400239
rs1528435
rs3849570
rs13021737
rs2033529
rs6567160
rs11030104
rs12885454
rs17724992
rs13191362
rs758747
rs10182181
rs10733682
rs10938397
rs2820292
rs4256980
rs2365389
rs17001654
rs2207139
rs10968576
rs1558902
rs543874
rs3817334
rs16851483
rs6477694
rs12566985
rs3888190
rs11847697
rs6804842
rs7138803
rs17094222
rs10132280
rs2245368
rs7141420
rs11126666
rs29941
rs11727676
rs12446632
rs1928295
rs12401738
rs2650492
rs13078960
rs16951275
rs3101336
rs1000940
rs17024393
rs2287019
rs1516725
rs7903146
rs11057405
rs17405819
rs11191560
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_TG_int_imputed.txt_adiposity_instruments.txt

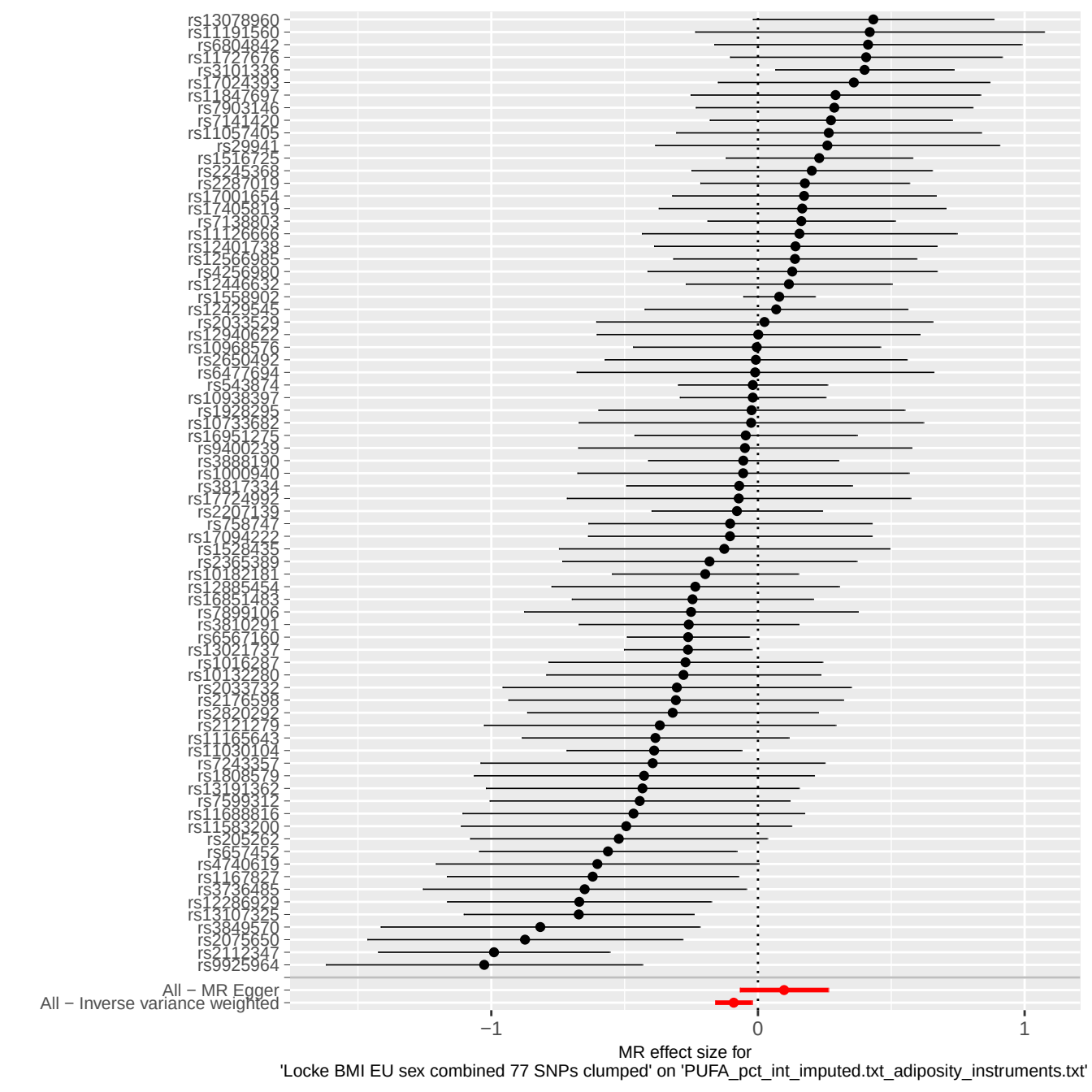

rs3736485
rs11688816
rs9925964
rs4740619
rs657452
rs2033732
rs17724992
rs1167827
rs2121279
rs11583200
rs11165643
rs1808579
rs13107325
rs3849570
rs7599312
rs3810291
rs7243357
rs12286929
rs11030104
rs2176598
rs12885454
rs7899106
rs1528435
rs10938397
rs2820292
rs13021737
rs6567160
rs758747
rs1016287
rs12429545
rs10132280
rs13191362
rs2033529
rs12940622
rs9400239
rs10733682
rs2112347
rs4256980
rs10968576
rs17094222
rs2287019
rs1558902
rs1516725
rs12401738
rs2365389
rs6804842
rs2245368
rs10182181
rs7138803
rs205262
rs1928295
rs16851483
rs543874
rs11847697
rs3888190
rs2207139
rs16951275
rs7141420
rs17001654
rs11191560
rs11126666
rs7903146
rs2650492
rs12446632
rs13078960
rs6477694
rs3101336
rs12566985
rs3817334
rs29941
rs11727676
rs17024393
rs17405819
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'MUFA_int_imputed.txt_adiposity_instruments.txt'

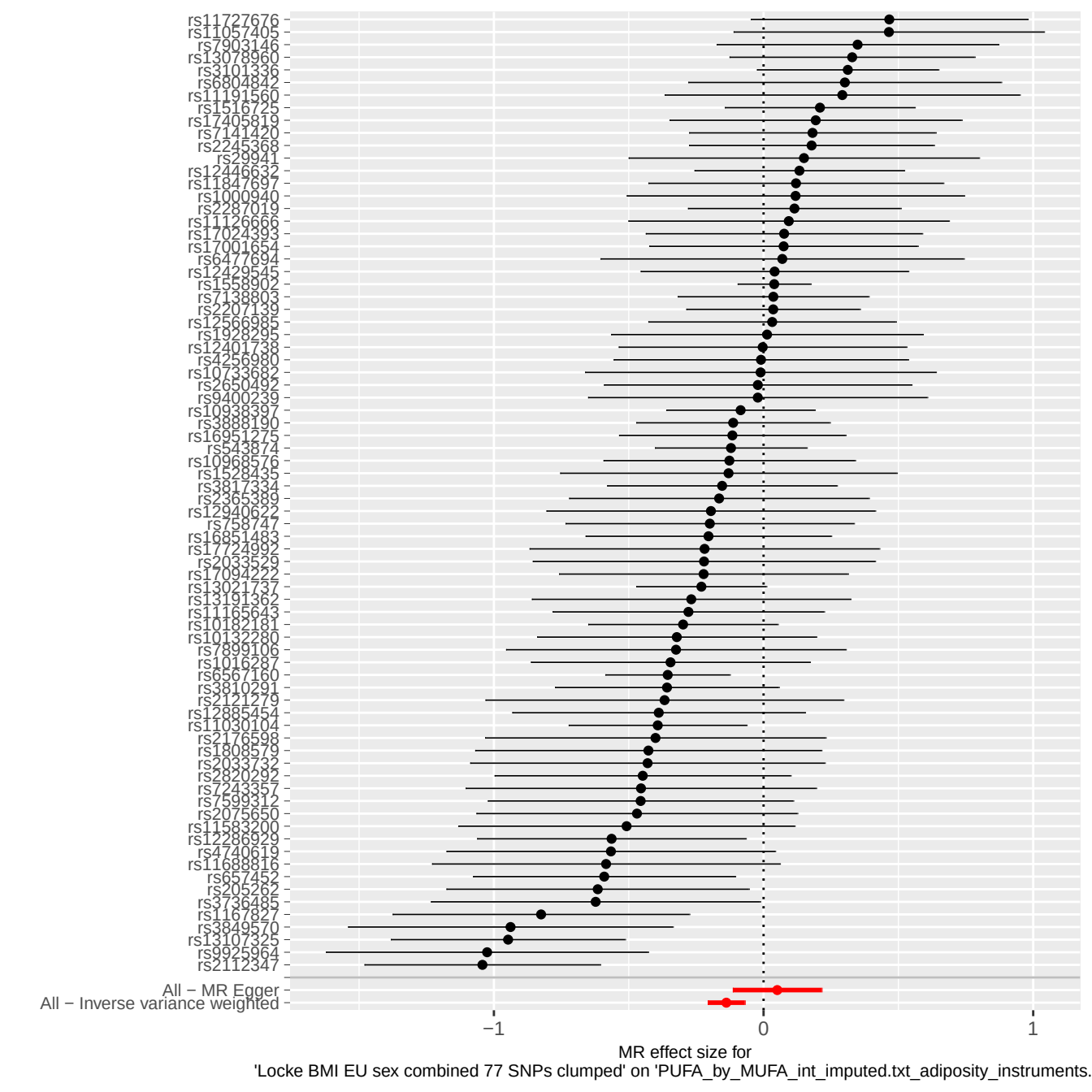

rs11688816
rs3736485
rs2287019
rs2121279
rs11191560
rs17724992
rs12401738
rs11165643
rs657452
rs9400239
rs7903146
rs12885454
rs4740619
rs10938397
rs12286929
rs3810291
rs16951275
rs11030104
rs9925964
rs6804842
rs7599312
rs11583200
rs12429545
rs13191362
rs1808579
rs2245368
rs4256980
rs7141420
rs758747
rs2033732
rs6567160
rs11847697
rs13021737
rs1016287
rs1928295
rs1528435
rs10132280
rs17094222
rs2820292
rs12446632
rs2207139
rs7899106
rs1516725
rs1558902
rs7138803
rs17405819
rs17001654
rs2365389
rs2650492
rs10733682
rs3101336
rs3888190
rs12940622
rs16851483
rs13107325
rs2033529
rs11057405
rs3849570
rs13078960
rs543874
rs11727676
rs10182181
rs12566985
rs2176598
rs11126666
rs3817334
rs205262
rs1167827
rs7243357
rs10968576
rs1000940
rs6477694
rs29941
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LDL_L_int_imputed.txt_adiposity_instruments.txt'

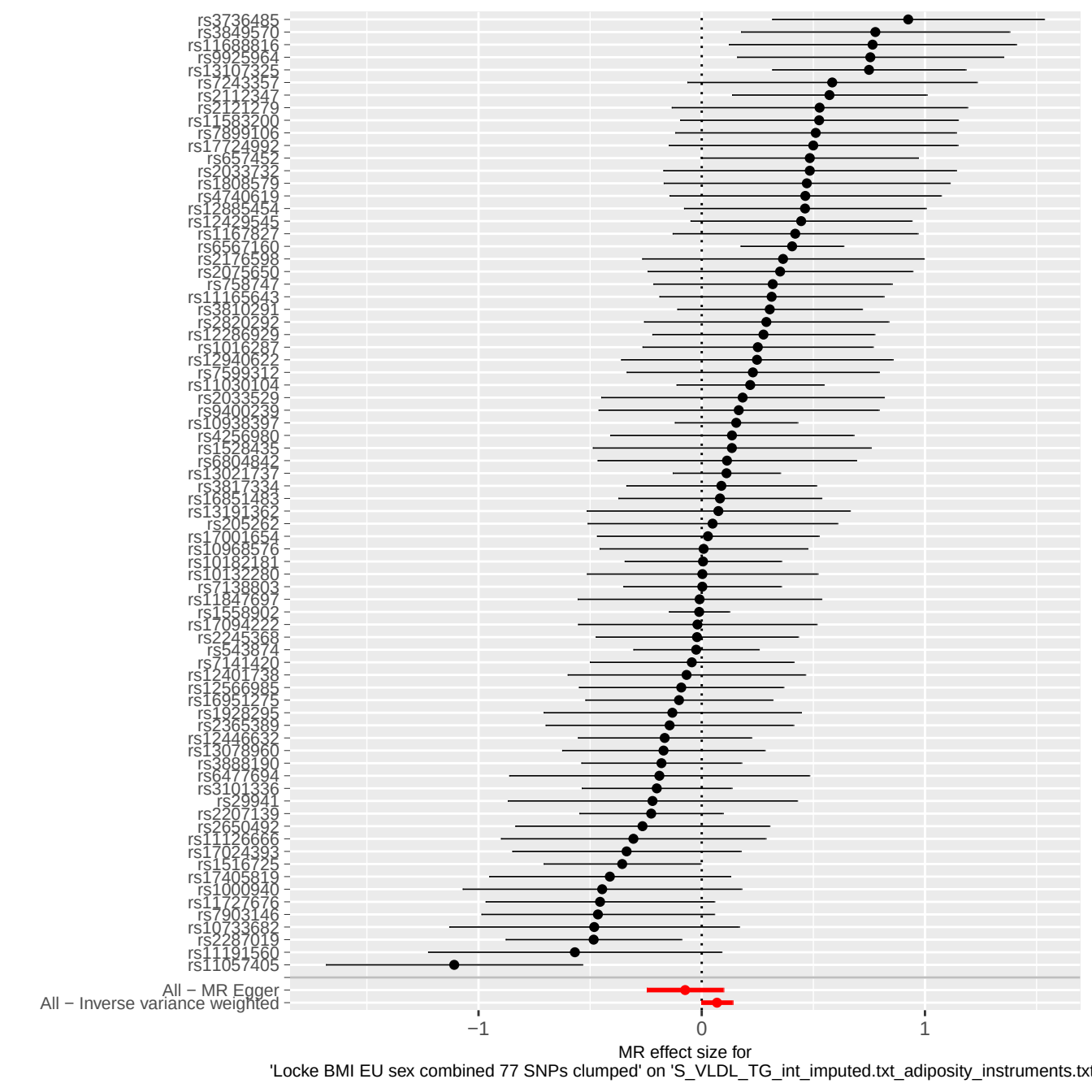

rs11688816
rs17724992
rs3736485
rs2121279
rs9400239
rs11191560
rs12429545
rs4740619
rs2287019
rs3810291
rs7903146
rs11030104
rs11165643
rs7138803
rs1016287
rs12885454
rs1928295
rs2245368
rs12401738
rs2033529
rs12286929
rs11727676
rs13021737
rs12940622
rs13191362
rs2650492
rs7141420
rs2033732
rs10938397
rs6567160
rs16951275
rs657452
rs758747
rs6804842
rs17001654
rs2365389
rs11057405
rs10132280
rs16851483
rs11847697
rs7899106
rs10733682
rs1528435
rs11583200
rs6477694
rs4256980
rs12446632
rs1558902
rs1808579
rs2207139
rs9925964
rs3888190
rs7599312
rs17094222
rs1516725
rs2820292
rs205262
rs13107325
rs7243357
rs10182181
rs3817334
rs3101336
rs12566985
rs543874
rs13078960
rs2176598
rs11126666
rs3849570
rs17405819
rs1167827
rs1000940
rs29941
rs17024393
rs10968576
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_C_int_imputed.txt_adiposity_instruments.txt

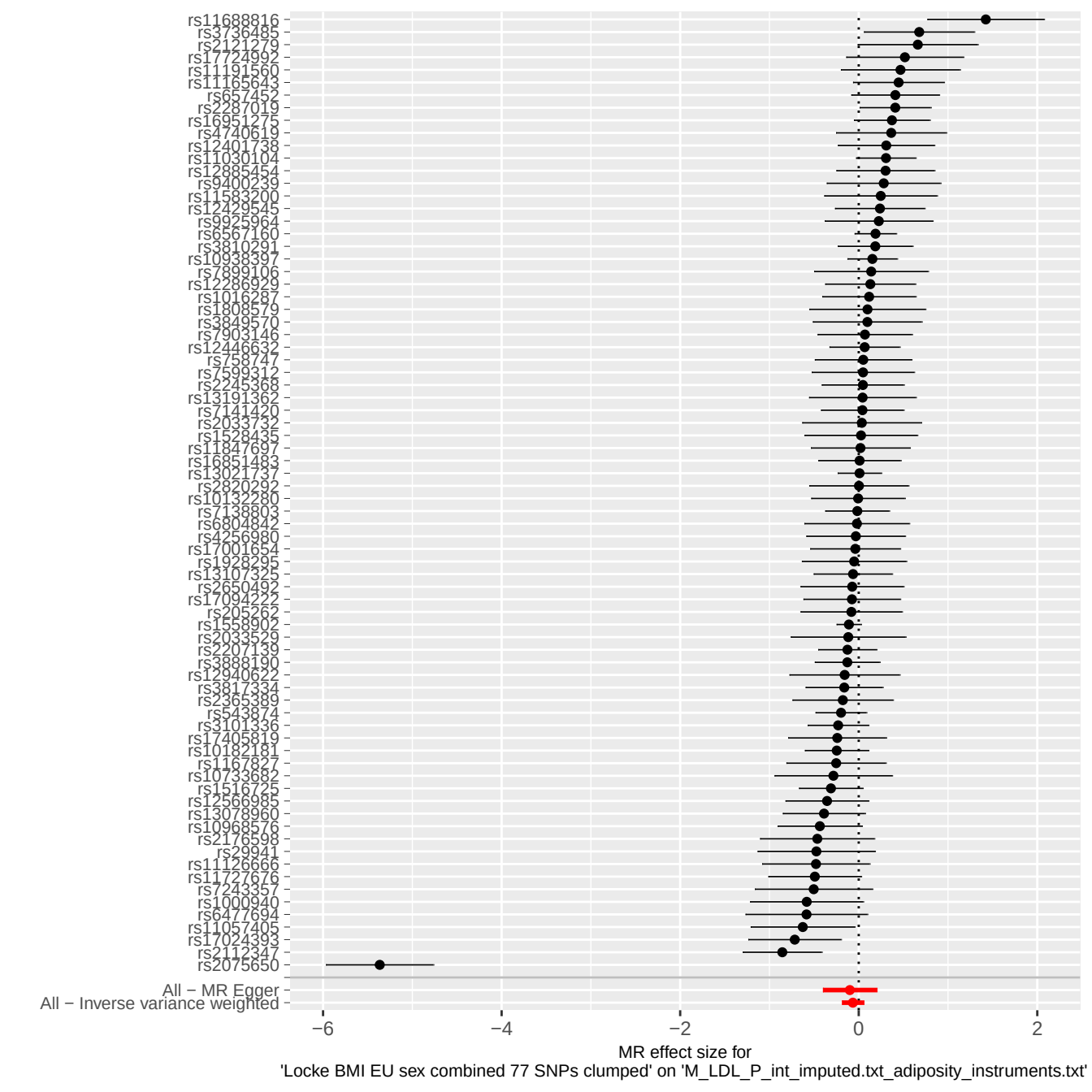

rs7903146
rs1808579
rs12446632
rs10968576
rs11688816
rs11727676
rs10132280
rs12566985
rs4256980
rs11583200
rs11126666
rs6567160
rs6477694
rs12401738
rs2365389
rs17001654
rs17024393
rs11847697
rs3810291
rs10182181
rs1516725
rs2207139
rs543874
rs7141420
rs1558902
rs13078960
rs2650492
rs10938397
rs7138803
rs2121279
rs11191560
rs17724992
rs16951275
rs13191362
rs657452
rs2176598
rs7899106
rs10733682
rs2820292
rs17405819
rs12940622
rs12429545
rs1016287
rs11030104
rs11057405
rs3817334
rs2287019
rs3888190
rs9925964
rs3101336
rs17094222
rs11165643
rs2245368
rs1928295
rs2075650
rs29941
rs7243357
rs16851483
rs6804842
rs3736485
rs13021737
rs12286929
rs7599312
rs1528435
rs3849570
rs2033732
rs12885454
rs205262
rs2112347
rs758747
rs2033529
rs4740619
rs1000940
rs13107325
rs1167827
rs9400239
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Gln_int_imputed.txt_adiposity_instruments.txt'

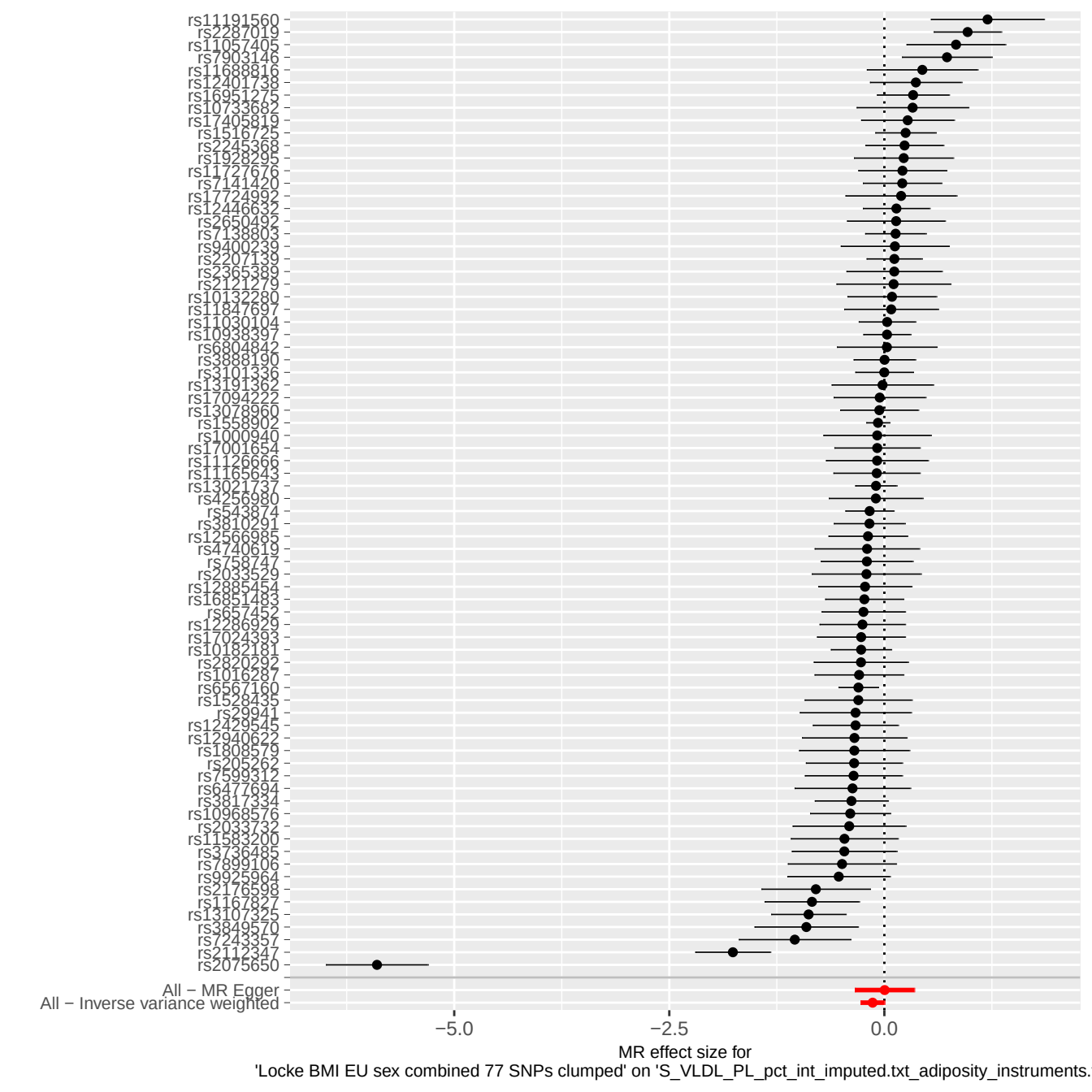

rs11057405
rs1516725
rs7903146
rs10733682
rs11727676
rs11126666
rs1000940
rs3736485
rs11191560
rs2245368
rs2287019
rs2075650
rs11847697
rs13078960
rs7141420
rs1928295
rs29941
rs7138803
rs1558902
rs3101336
rs6477694
rs2207139
rs10938397
rs2365389
rs7243357
rs6804842
rs1528435
rs12940622
rs12429545
rs17405819
rs2650492
rs11165643
rs10132280
rs13021737
rs11688816
rs9400239
rs758747
rs12566985
rs3888190
rs12446632
rs13191362
rs3810291
rs17001654
rs10968576
rs17094222
rs4256980
rs2176598
rs11030104
rs16851483
rs2033529
rs12885454
rs2033732
rs543874
rs2820292
rs17724992
rs17024393
rs657452
rs2121279
rs11583200
rs1016287
rs7599312
rs10182181
rs12401738
rs6567160
rs4740619
rs12286929
rs1808579
rs1167827
rs16951275
rs7899106
rs9925964
rs2112347
rs205262
rs3849570
rs3817334
rs13107325
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_FC_int_imputed.txt_adiposity_instruments.txt'

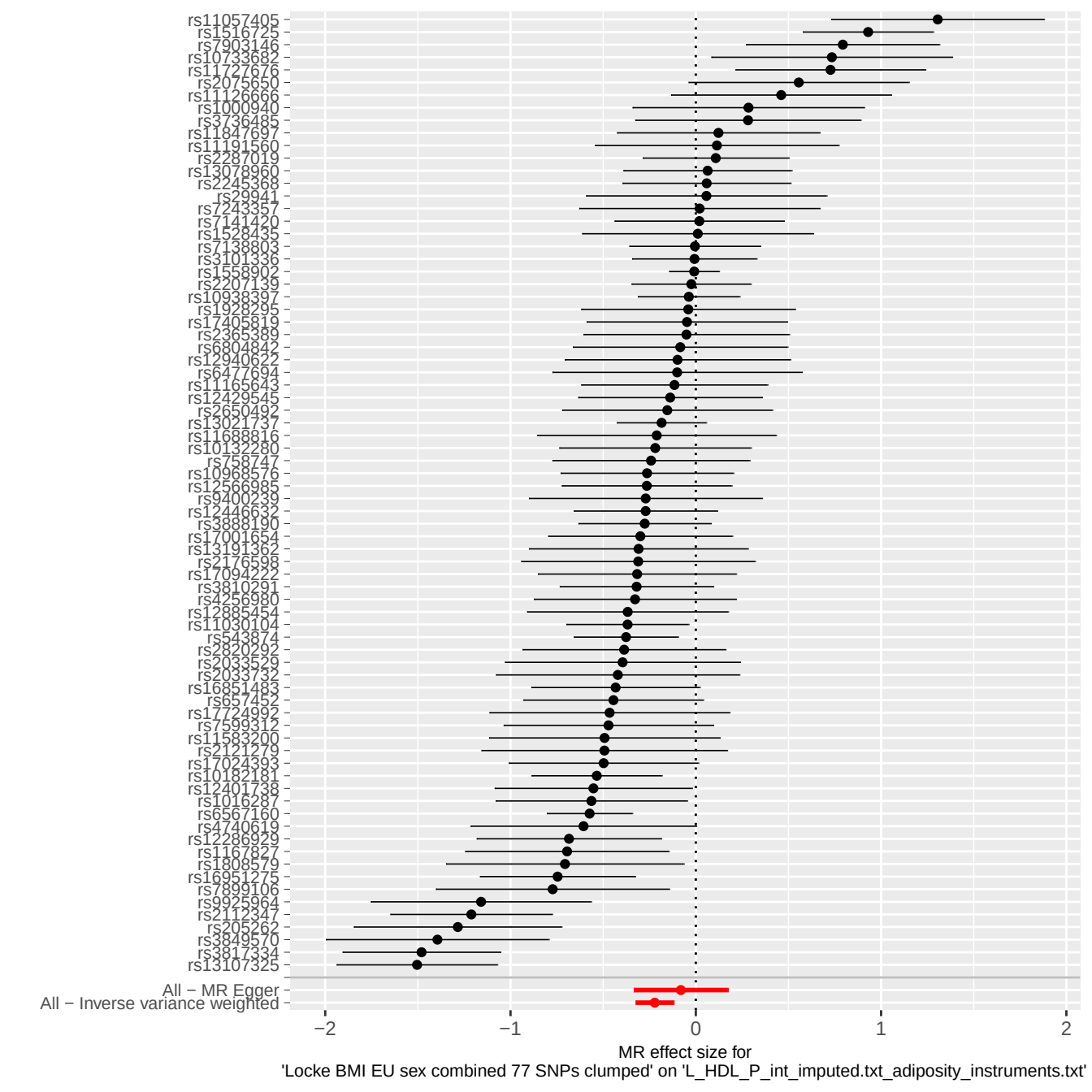

rs13078960
rs11191560
rs6804842
rs11727676
rs3101336
rs17024393
rs11847697
rs7903146
rs7141420
rs11057405
rs29941
rs1516725
rs2245368
rs2287019
rs17001654
rs17405819
rs7138803
rs11126666
rs12401738
rs12566985
rs4256980
rs12446632
rs1558902
rs12429545
rs2033529
rs12940622
rs10968576
rs2650492
rs6477694
rs543874
rs10938397
rs1928295
rs10733682
rs16951275
rs9400239
rs3888190
rs1000940
rs3817334
rs17724992
rs2207139
rs758747
rs17094222
rs1528435
rs2365389
rs10182181
rs12885454
rs16851483
rs7899106
rs3810291
rs6567160
rs13021737
rs1016287
rs10132280
rs2033732
rs2176598
rs2820292
rs2121279
rs11165643
rs11030104
rs7243357
rs1808579
rs13191362
rs7599312
rs11688816
rs11583200
rs205262
rs657452
rs4740619
rs1167827
rs3736485
rs12286929
rs13107325
rs3849570
rs2075650
rs2112347
rs9925964
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'PUFA_pct_int_imputed.txt_adiposity_instruments.txt'

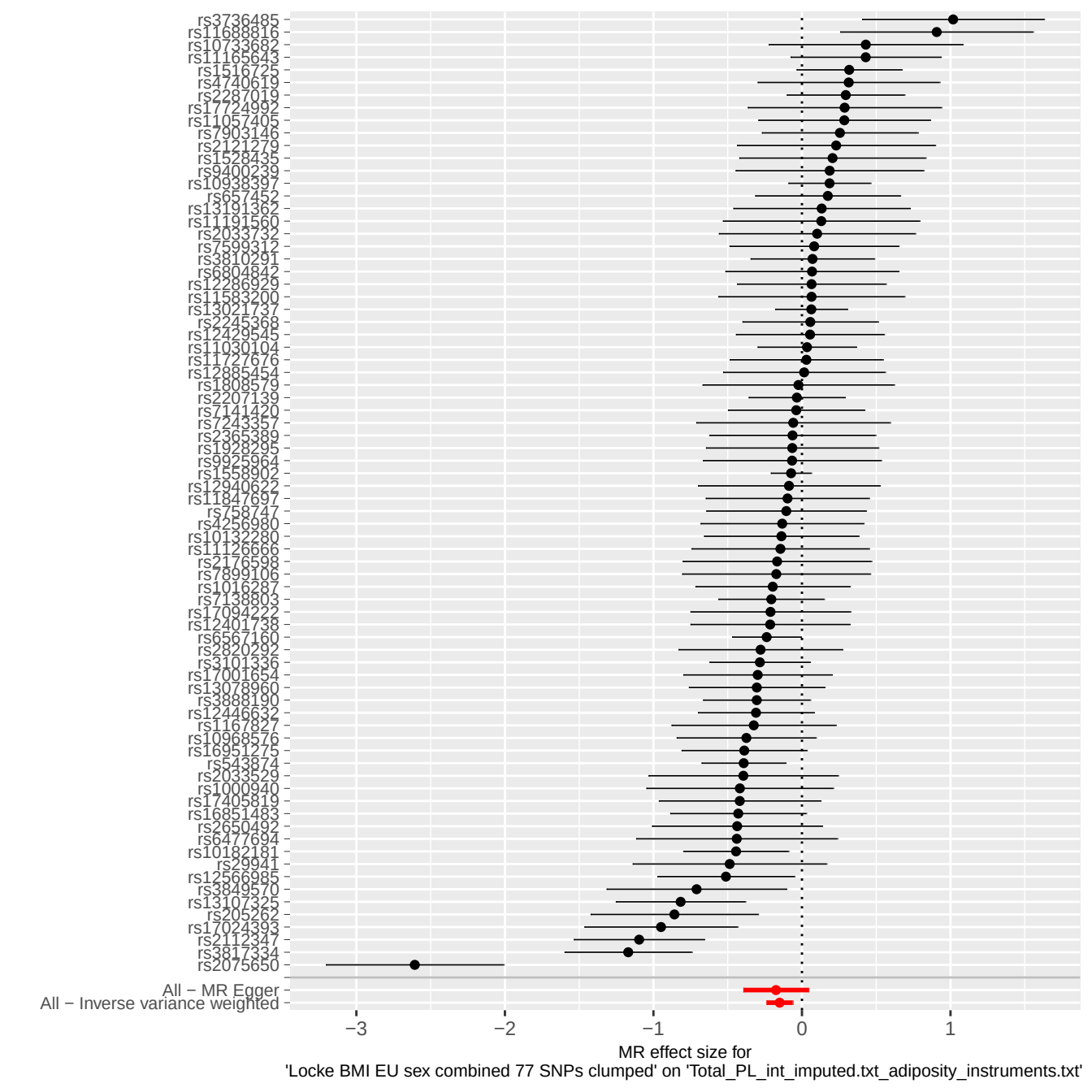

rs11727676
rs11057405
rs7903146
rs13078960
rs3101336
rs6804842
rs11191560
rs1516725
rs17405819
rs7141420
rs2245368
rs29941
rs12446632
rs11847697
rs1000940
rs2287019
rs11126666
rs17024393
rs17001654
rs6477694
rs12429545
rs1558902
rs7138803
rs2207139
rs12566985
rs1928295
rs12401738
rs4256980
rs10733682
rs2650492
rs9400239
rs10938397
rs3888190
rs16951275
rs543874
rs10968576
rs1528435
rs3817334
rs2365389
rs12940622
rs758747
rs16851483
rs17724992
rs2033529
rs17094222
rs13021737
rs13191362
rs11165643
rs10182181
rs10132280
rs7899106
rs1016287
rs6567160
rs3810291
rs2121279
rs12885454
rs11030104
rs2176598
rs1808579
rs2033732
rs2820292
rs7243357
rs7599312
rs2075650
rs11583200
rs12286929
rs4740619
rs11688816
rs657452
rs205262
rs3736485
rs1167827
rs3849570
rs13107325
rs9925964
rs2112347
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'PUFA_by_MUFA_int_imputed.txt_adiposity_instruments.

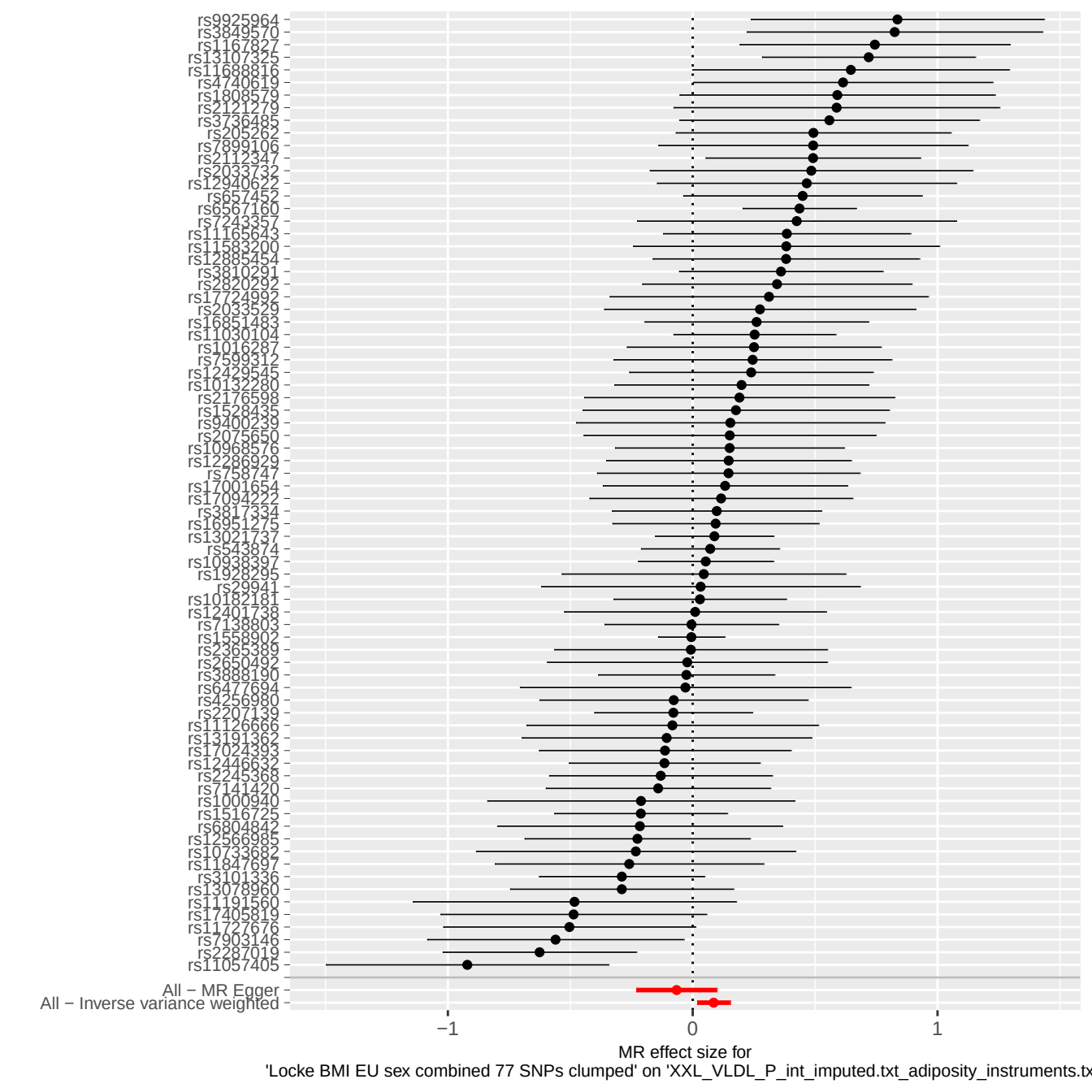

rs3736485
rs3849570
rs11688816
rs9925964
rs13107325
rs7243357
rs2112347
rs2121279
rs11583200
rs7899106
rs17724992
rs657452
rs2033732
rs1808579
rs4740619
rs12885454
rs12429545
rs1167827
rs6567160
rs2176598
rs2075650
rs758747
rs11165643
rs3810291
rs2820292
rs12286929
rs1016287
rs12940622
rs7599312
rs11030104
rs2033529
rs9400239
rs10938397
rs4256980
rs1528435
rs6804842
rs13021737
rs3817334
rs16851483
rs13191362
rs205262
rs17001654
rs10968576
rs10182181
rs10132280
rs7138803
rs11847697
rs1558902
rs17094222
rs2245368
rs543874
rs7141420
rs12401738
rs12566985
rs16951275
rs1928295
rs2365389
rs12446632
rs13078960
rs3888190
rs6477694
rs3101336
rs29941
rs2207139
rs2650492
rs11126666
rs17024393
rs1516725
rs17405819
rs1000940
rs11727676
rs7903146
rs10733682
rs2287019
rs11191560
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_TG_int_imputed.txt_adiposity_instruments.txt

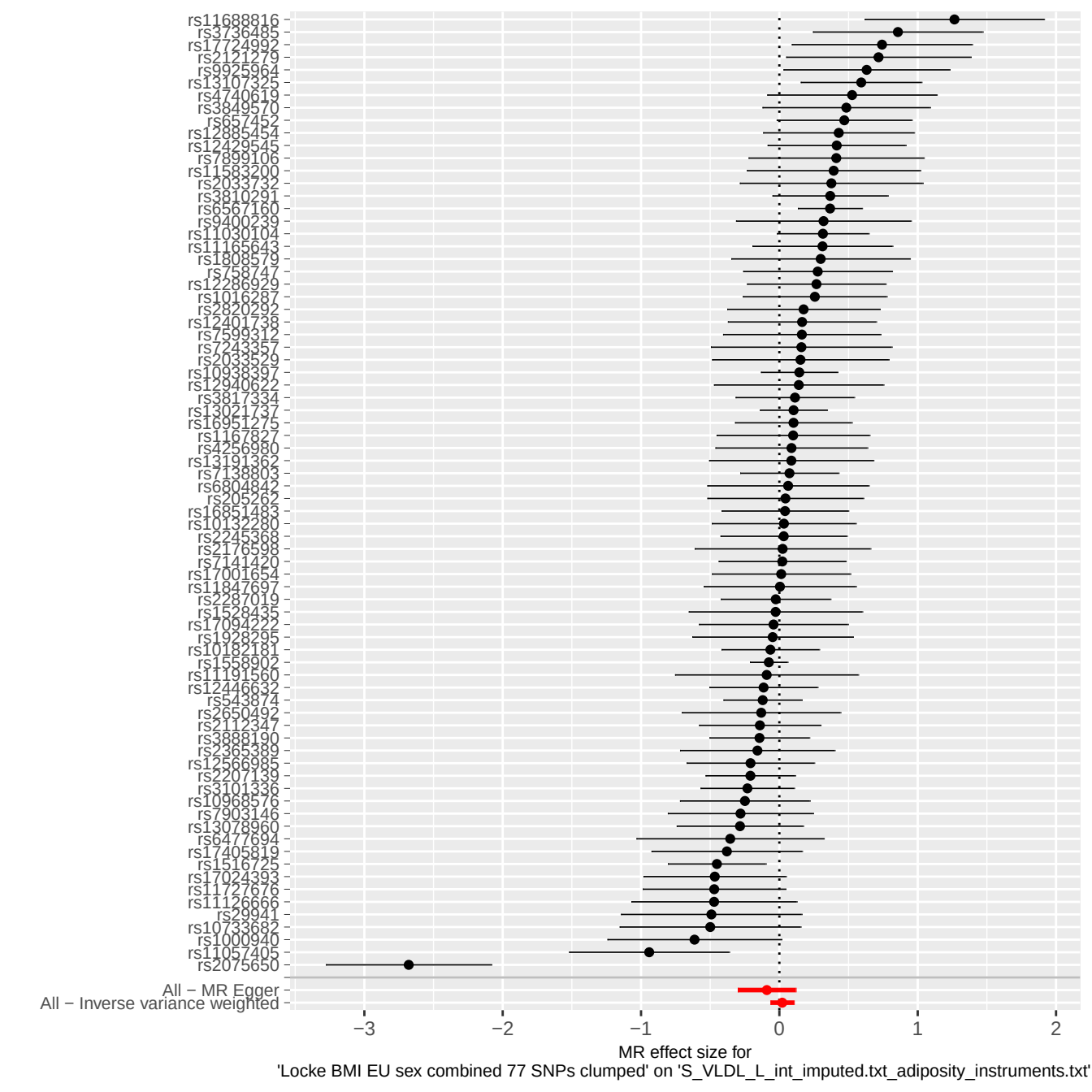

rs11688816
rs3736485
rs2121279
rs17724992
rs11191560
rs11165643
rs657452
rs2287019
rs16951275
rs4740619
rs12401738
rs11030104
rs12885454
rs9400239
rs11583200
rs12429545
rs9925964
rs6567160
rs3810291
rs10938397
rs7899106
rs12286929
rs1016287
rs1808579
rs3849570
rs7903146
rs12446632
rs758747
rs7599312
rs2245368
rs13191362
rs7141420
rs2033732
rs1528435
rs11847697
rs16851483
rs13021737
rs2820292
rs10132280
rs7138803
rs6804842
rs4256980
rs17001654
rs1928295
rs13107325
rs2650492
rs17094222
rs205262
rs1558902
rs2033529
rs2207139
rs3888190
rs12940622
rs3817334
rs2365389
rs543874
rs3101336
rs17405819
rs10182181
rs1167827
rs10733682
rs1516725
rs12566985
rs13078960
rs10968576
rs2176598
rs29941
rs11126666
rs11727676
rs7243357
rs1000940
rs6477694
rs11057405
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_P_int_imputed.txt_adiposity_instruments.txt'

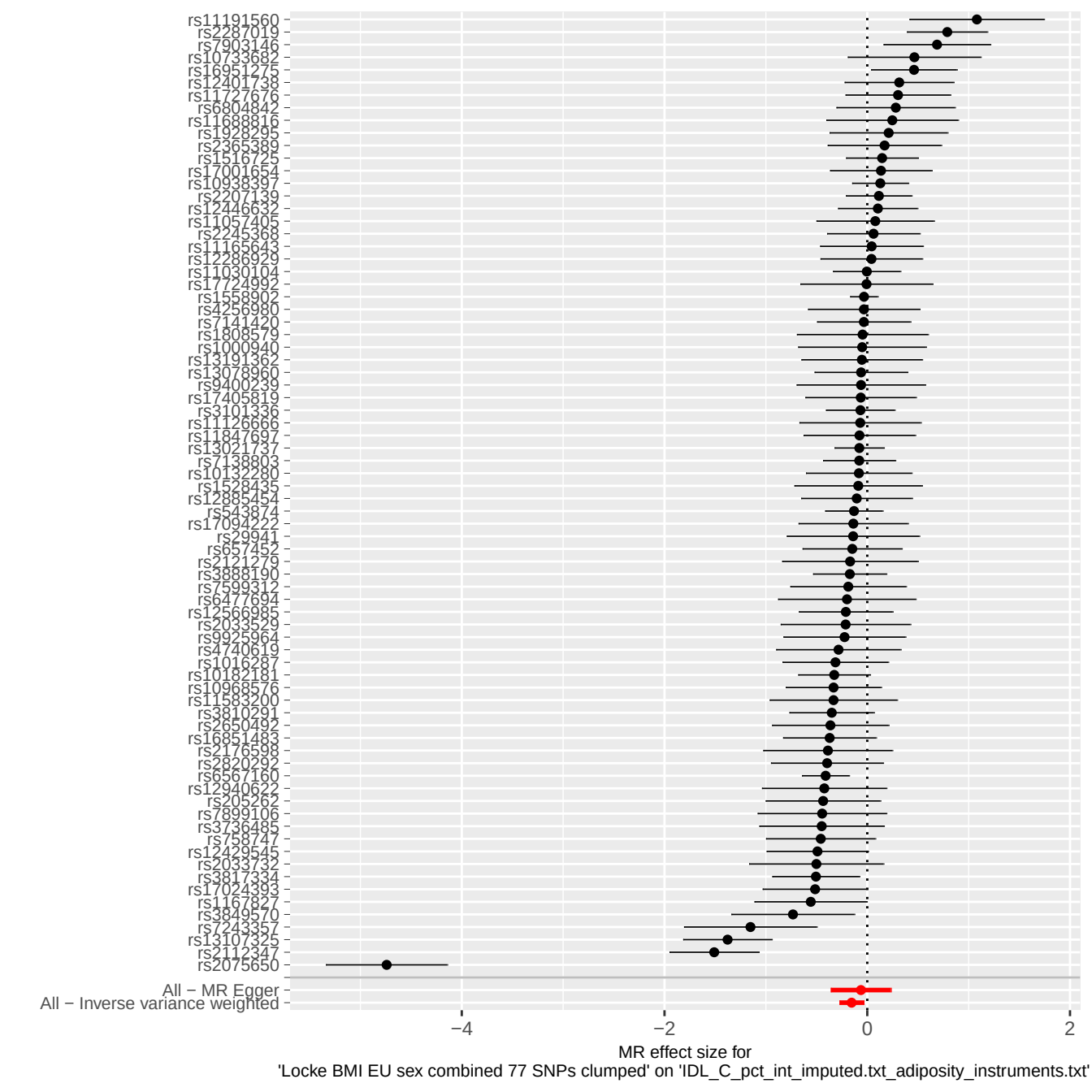

rs11191560
rs2287019
rs11057405
rs7903146
rs11688816
rs12401738
rs16951275
rs10733682
rs17405819
rs1516725
rs2245368
rs1928295
rs11727676
rs7141420
rs17724992
rs12446632
rs2650492
rs7138803
rs9400239
rs2207139
rs2365389
rs2121279
rs10132280
rs11847697
rs11030104
rs10938397
rs6804842
rs3888190
rs3101336
rs13191362
rs17094222
rs13078960
rs1558902
rs1000940
rs17001654
rs11126666
rs11165643
rs13021737
rs4256980
rs543874
rs3810291
rs12566985
rs4740619
rs758747
rs2033529
rs12885454
rs16851483
rs657452
rs12286929
rs17024393
rs10182181
rs2820292
rs1016287
rs6567160
rs1528435
rs29941
rs12429545
rs12940622
rs1808579
rs205262
rs7599312
rs6477694
rs3817334
rs10968576
rs2033732
rs11583200
rs3736485
rs7899106
rs9925964
rs2176598
rs1167827
rs13107325
rs3849570
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_PL_pct_int_imputed.txt_adiposity_instruments.

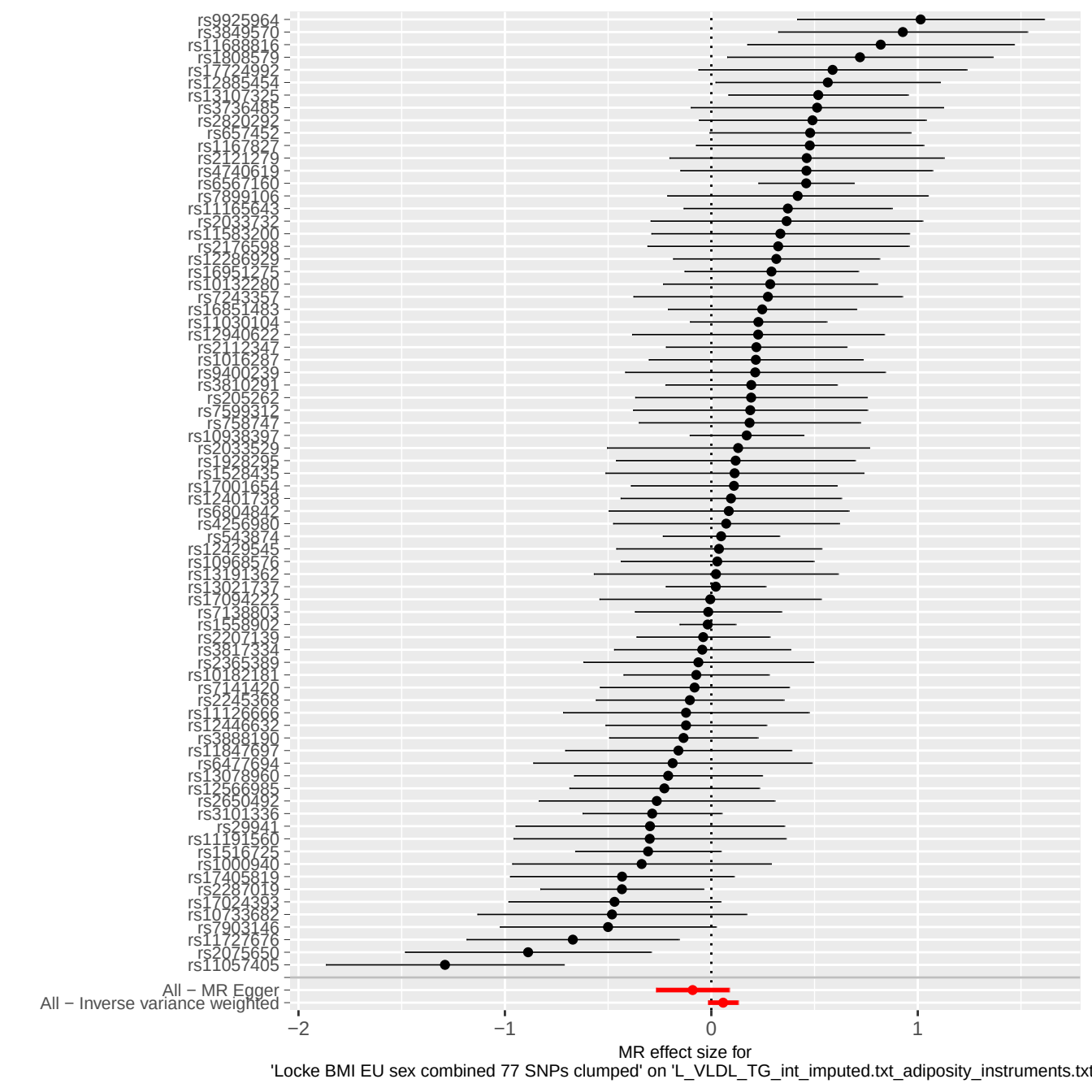

rs11057405
rs1516725
rs7903146
rs10733682
rs11727676
rs2075650
rs11126666
rs1000940
rs3736485
rs11847697
rs11191560
rs2287019
rs13078960
rs2245368
rs29941
rs7243357
rs7141420
rs1528435
rs7138803
rs3101336
rs1558902
rs2207139
rs10938397
rs1928295
rs17405819
rs2365389
rs6804842
rs12940622
rs6477694
rs11165643
rs12429545
rs2650492
rs13021737
rs11688816
rs10132280
rs758747
rs10968576
rs12566985
rs9400239
rs12446632
rs3888190
rs17001654
rs13191362
rs2176598
rs17094222
rs3810291
rs4256980
rs12885454
rs11030104
rs543874
rs2820292
rs2033529
rs2033732
rs16851483
rs657452
rs17724992
rs7599312
rs11583200
rs2121279
rs17024393
rs10182181
rs12401738
rs1016287
rs6567160
rs4740619
rs12286929
rs1167827
rs1808579
rs16951275
rs7899106
rs9925964
rs2112347
rs205262
rs3849570
rs3817334
rs13107325
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_P_int_imputed.txt_adiposity_instruments.txt'

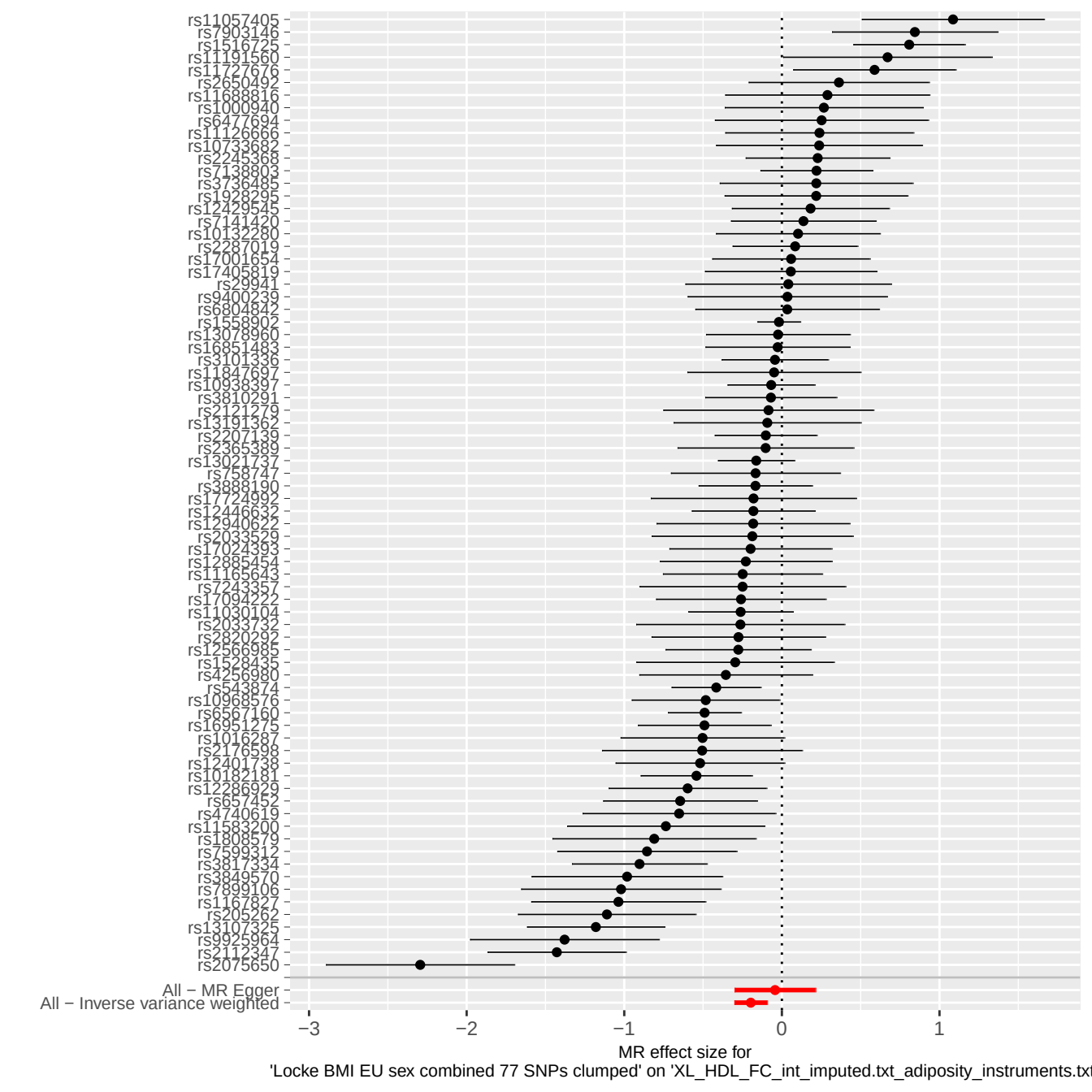

rs3736485
rs11688816
rs10733682
rs11165643
rs1516725
rs4740619
rs2287019
rs17724992
rs11057405
rs7903146
rs2121279
rs1528435
rs9400239
rs10938397
rs657452
rs13191362
rs11191560
rs2033732
rs7599312
rs3810291
rs6804842
rs12286929
rs11583200
rs13021737
rs2245368
rs12429545
rs11030104
rs11727676
rs12885454
rs1808579
rs2207139
rs7141420
rs7243357
rs2365389
rs1928295
rs9925964
rs1558902
rs12940622
rs11847697
rs758747
rs4256980
rs10132280
rs11126666
rs2176598
rs7899106
rs1016287
rs7138803
rs17094222
rs12401738
rs6567160
rs2820292
rs3101336
rs17001654
rs13078960
rs3888190
rs12446632
rs1167827
rs10968576
rs16951275
rs543874
rs2033529
rs1000940
rs17405819
rs16851483
rs2650492
rs6477694
rs10182181
rs29941
rs12566985
rs3849570
rs13107325
rs205262
rs17024393
rs2112347
rs3817334
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Total_PL_int_imputed.txt_adiposity_instruments.txt'

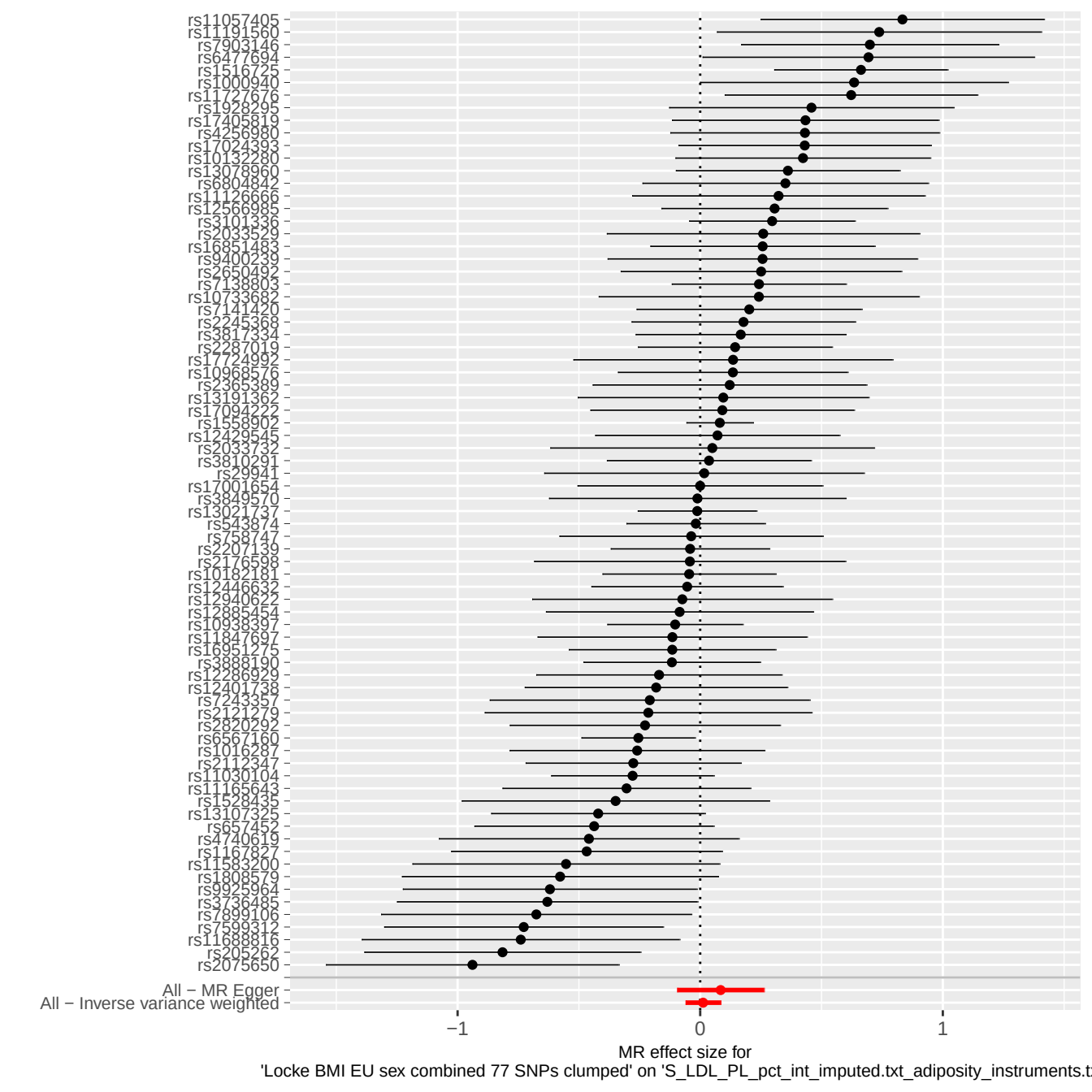

rs9925964
rs3849570
rs1167827
rs13107325
rs11688816
rs4740619
rs1808579
rs2121279
rs3736485
rs205262
rs7899106
rs2112347
rs2033732
rs12940622
rs657452
rs6567160
rs7243357
rs11165643
rs11583200
rs12885454
rs3810291
rs2820292
rs17724992
rs2033529
rs16851483
rs11030104
rs1016287
rs7599312
rs12429545
rs10132280
rs2176598
rs1528435
rs9400239
rs2075650
rs10968576
rs12286929
rs758747
rs17001654
rs17094222
rs3817334
rs16951275
rs13021737
rs543874
rs10938397
rs1928295
rs29941
rs10182181
rs12401738
rs7138803
rs1558902
rs2365389
rs2650492
rs3888190
rs6477694
rs4256980
rs2207139
rs11126666
rs13191362
rs17024393
rs12446632
rs2245368
rs7141420
rs1000940
rs1516725
rs6804842
rs12566985
rs10733682
rs11847697
rs3101336
rs13078960
rs11191560
rs17405819
rs11727676
rs7903146
rs2287019
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_P_int_imputed.txt_adiposity_instruments.tx

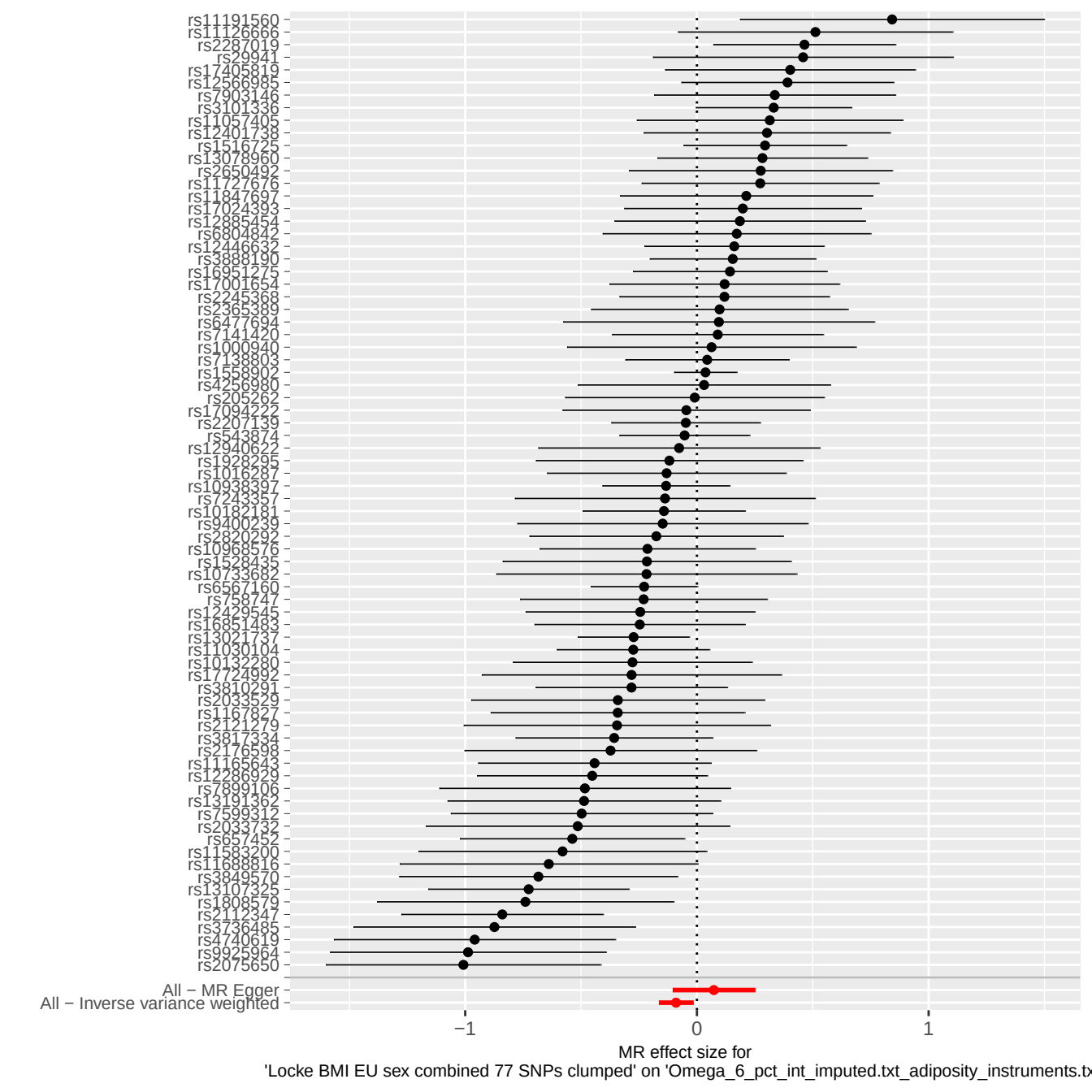

rs11688816
rs3736485
rs17724992
rs2121279
rs9925964
rs13107325
rs4740619
rs3849570
rs657452
rs12885454
rs12429545
rs7899106
rs11583200
rs2033732
rs3810291
rs6567160
rs9400239
rs11030104
rs11165643
rs1808579
rs758747
rs12286929
rs1016287
rs2820292
rs12401738
rs7599312
rs7243357
rs2033529
rs10938397
rs12940622
rs3817334
rs13021737
rs16951275
rs1167827
rs4256980
rs13191362
rs7138803
rs6804842
rs205262
rs16851483
rs10132280
rs2245368
rs2176598
rs7141420
rs17001654
rs11847697
rs2287019
rs1528435
rs17094222
rs1928295
rs10182181
rs1558902
rs11191560
rs12446632
rs543874
rs2650492
rs2112347
rs3888190
rs2365389
rs12566985
rs2207139
rs3101336
rs10968576
rs7903146
rs13078960
rs6477694
rs17405819
rs1516725
rs17024393
rs11727676
rs11126666
rs29941
rs10733682
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_L_int_imputed.txt_adiposity_instruments.txt'

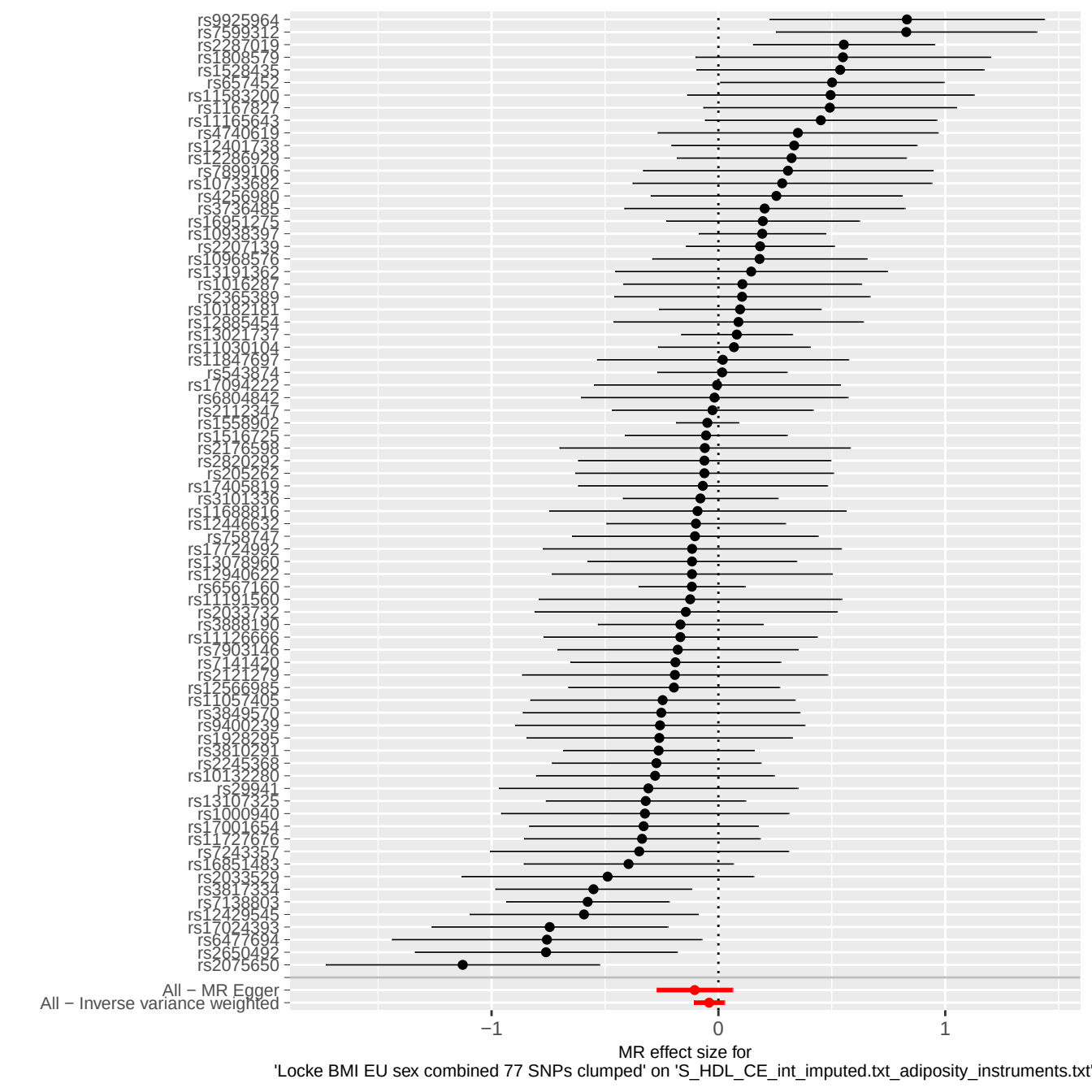

rs11191560
rs2287019
rs7903146
rs10733682
rs16951275
rs12401738
rs11727676
rs6804842
rs11688816
rs1928295
rs2365389
rs1516725
rs17001654
rs10938397
rs2207139
rs12446632
rs11057405
rs2245368
rs11165643
rs12286929
rs11030104
rs17724992
rs1558902
rs4256980
rs7141420
rs1808579
rs1000940
rs13191362
rs13078960
rs9400239
rs17405819
rs3101336
rs11126666
rs11847697
rs13021737
rs7138803
rs10132280
rs1528435
rs12885454
rs543874
rs17094222
rs29941
rs657452
rs2121279
rs3888190
rs7599312
rs6477694
rs12566985
rs2033529
rs9925964
rs4740619
rs1016287
rs10182181
rs10968576
rs11583200
rs3810291
rs2650492
rs16851483
rs2176598
rs2820292
rs6567160
rs12940622
rs205262
rs7899106
rs3736485
rs758747
rs12429545
rs2033732
rs3817334
rs17024393
rs1167827
rs3849570
rs7243357
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_C_pct_int_imputed.txt_adiposity_instruments.txt'

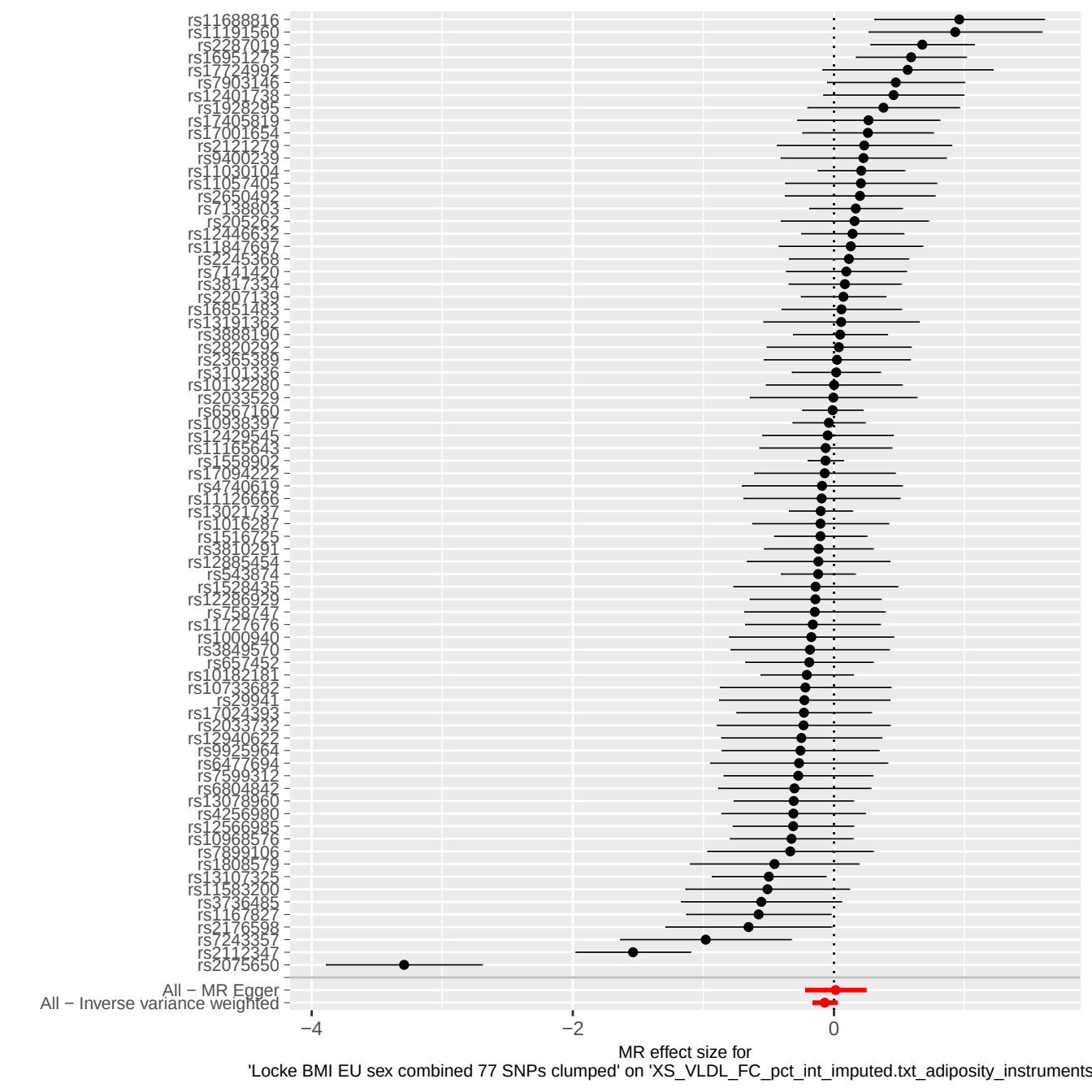

rs9925964
rs3849570
rs11688816
rs1808579
rs17724992
rs12885454
rs13107325
rs3736485
rs2820292
rs657452
rs1167827
rs2121279
rs4740619
rs6567160
rs7899106
rs11165643
rs2033732
rs11583200
rs2176598
rs12286929
rs16951275
rs10132280
rs7243357
rs16851483
rs11030104
rs12940622
rs2112347
rs1016287
rs9400239
rs3810291
rs205262
rs7599312
rs758747
rs10938397
rs2033529
rs1928295
rs1528435
rs17001654
rs12401738
rs6804842
rs4256980
rs543874
rs12429545
rs10968576
rs13191362
rs13021737
rs17094222
rs7138803
rs1558902
rs2207139
rs3817334
rs2365389
rs10182181
rs7141420
rs2245368
rs11126666
rs12446632
rs3888190
rs11847697
rs6477694
rs13078960
rs12566985
rs2650492
rs3101336
rs29941
rs11191560
rs1516725
rs1000940
rs17405819
rs2287019
rs17024393
rs10733682
rs7903146
rs11727676
rs2075650
rs11057405
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_TG_int_imputed.txt_adiposity_instruments.txt

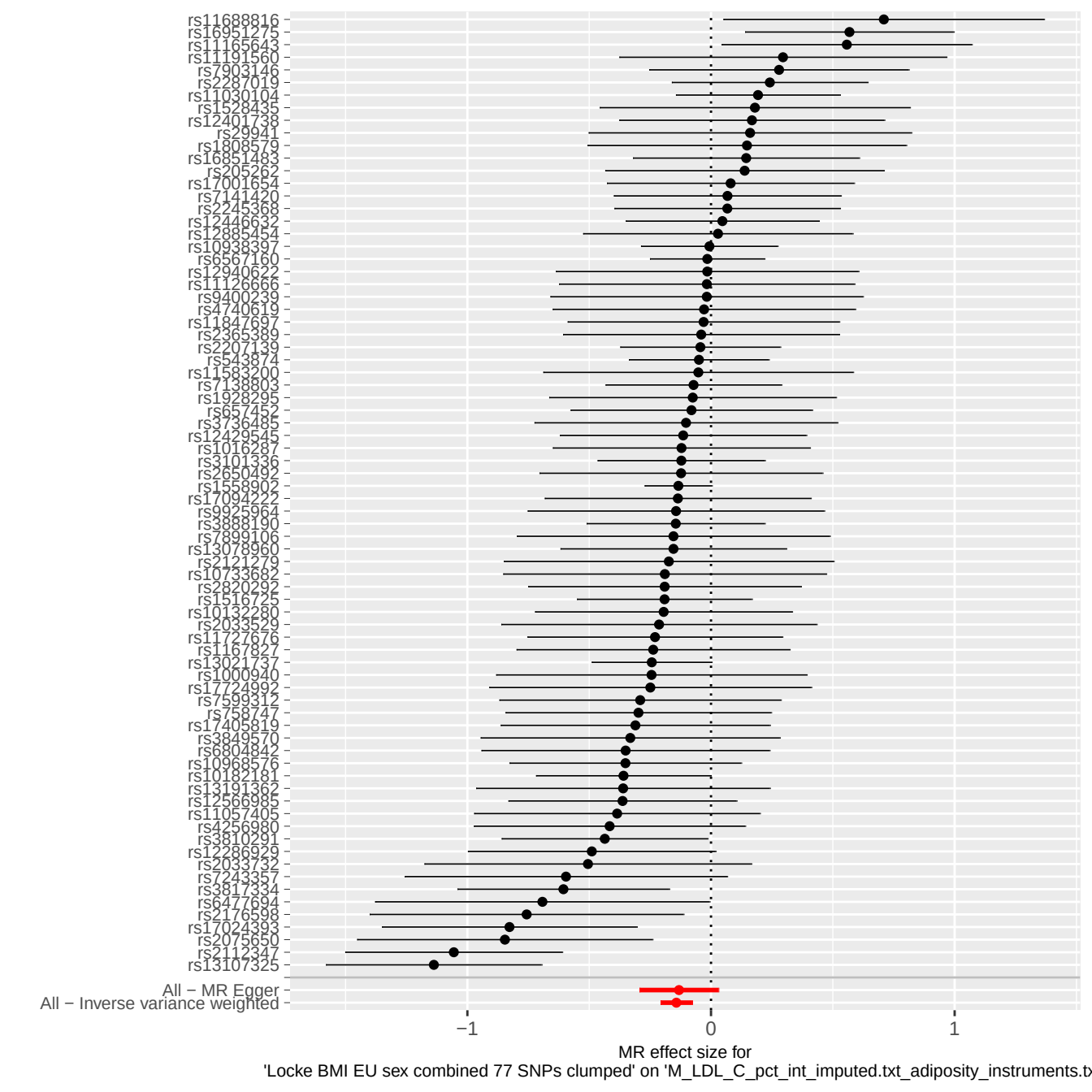

rs11057405
rs7903146
rs151672
rs11191560
rs11727676
rs2650492
rs11688816
rs1000940
rs6477694
rs11126666
rs10733682
rs2245368
rs7138803
rs3736485
rs1928295
rs12429545
rs7141420
rs10132280
rs2287019
rs17001654
rs17405819
rs29941
rs9400239
rs6804842
rs1558902
rs13078960
rs16851483
rs3101336
rs11847697
rs10938397
rs3810291
rs2121279
rs13191362
rs2207139
rs2365389
rs13021737
rs758747
rs3888190
rs17724992
rs12940622
rs2033529
rs17024393
rs12885454
rs11165643
rs7243357
rs17094222
rs11030104
rs2033732
rs2820292
rs12566985
rs1528435
rs4256980
rs543874
rs10968576
rs6567160
rs16951275
rs1016287
rs2176598
rs12401738
rs10182181
rs12286929
rs657452
rs4740619
rs11583200
rs1808579
rs7599312
rs3817334
rs3849570
rs7899106
rs1167827
rs205262
rs13107325
rs9925964
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_FC_int_imputed.txt_adiposity_instruments.txt

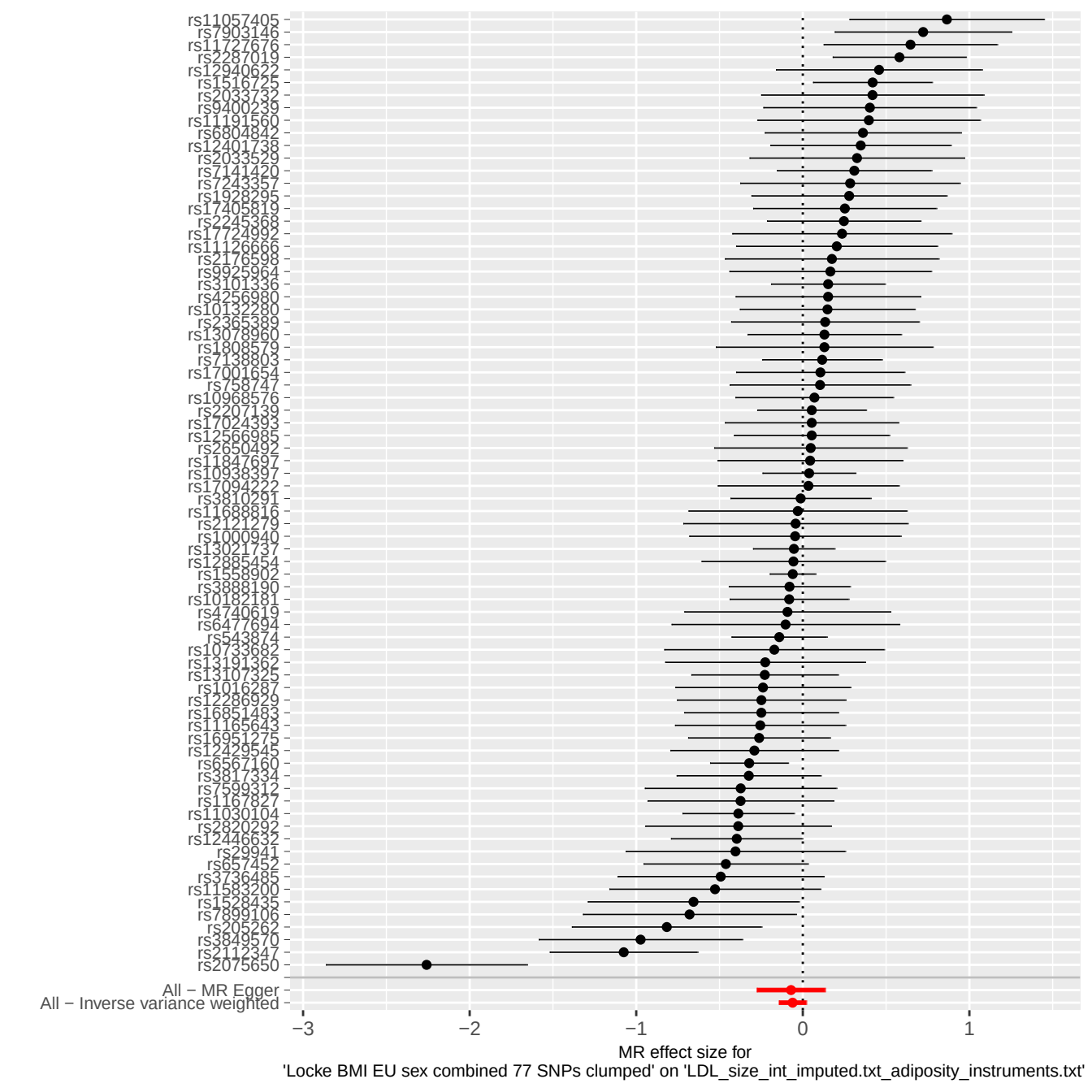

rs11057405
rs11191560
rs7903146
rs6477694
rs1516725
rs1000940
rs11727676
rs1928295
rs17405819
rs4256980
rs17024393
rs10132280
rs13078960
rs6804842
rs11126666
rs12566985
rs3101336
rs2033529
rs16851483
rs9400239
rs2650492
rs7138803
rs10733682
rs7141420
rs2245368
rs3817334
rs2287019
rs17724992
rs10968576
rs2365389
rs13191362
rs17094222
rs1558902
rs12429545
rs2033732
rs3810291
rs29941
rs17001654
rs3849570
rs13021737
rs543874
rs758747
rs2207139
rs2176598
rs10182181
rs12446632
rs12940622
rs12885454
rs10938397
rs11847697
rs16951275
rs3888190
rs12286929
rs12401738
rs7243357
rs2121279
rs2820292
rs6567160
rs1016287
rs2112347
rs11030104
rs11165643
rs1528435
rs13107325
rs657452
rs4740619
rs1167827
rs11583200
rs1808579
rs9925964
rs3736485
rs7899106
rs7599312
rs11688816
rs205262
rs2075650
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_PL_pct_int_imputed.txt_adiposity_instruments.t

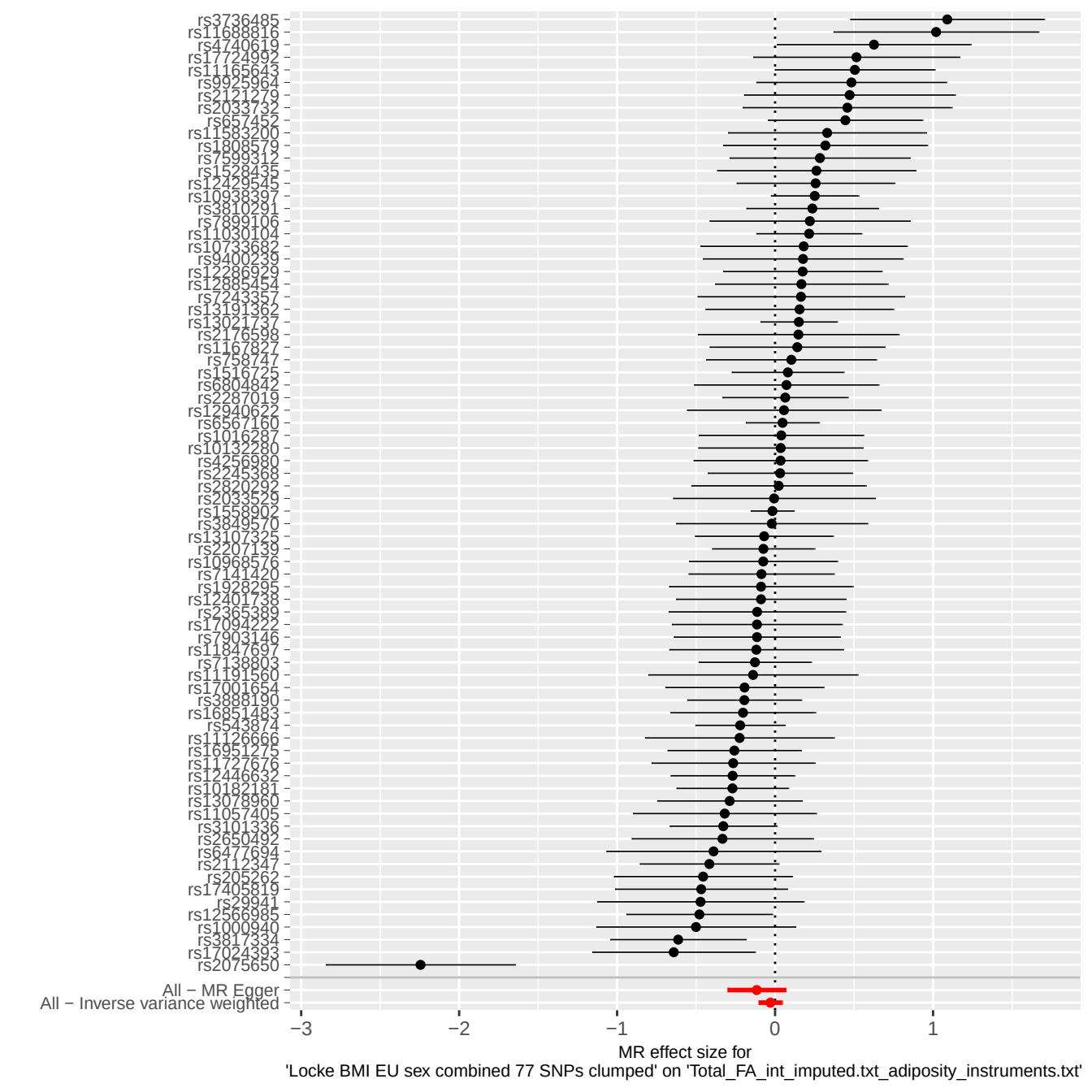

rs11191560
rs11126666
rs2287019
rs29941
rs17405819
rs12566985
rs7903146
rs3101336
rs11057405
rs12401738
rs1516725
rs13078960
rs2650492
rs11727676
rs11847697
rs17024393
rs12885454
rs6804842
rs12446632
rs3888190
rs16951275
rs17001654
rs2245368
rs2365389
rs6477694
rs7141420
rs1000940
rs7138803
rs1558902
rs4256980
rs205262
rs17094222
rs2207139
rs543874
rs12940622
rs1928295
rs1016287
rs10938397
rs7243357
rs10182181
rs9400239
rs2820292
rs10968576
rs1528435
rs10733682
rs6567160
rs758747
rs12429545
rs16851483
rs13021737
rs11030104
rs10132280
rs17724992
rs3810291
rs2033529
rs1167827
rs2121279
rs3817334
rs2176598
rs11165643
rs12286929
rs7899106
rs13191362
rs7599312
rs2033732
rs657452
rs11583200
rs11688816
rs3849570
rs13107325
rs1808579
rs2112347
rs3736485
rs4740619
rs9925964
rs2075650
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Omega_6_pct_int_imputed.txt_adiposity_instruments.tx

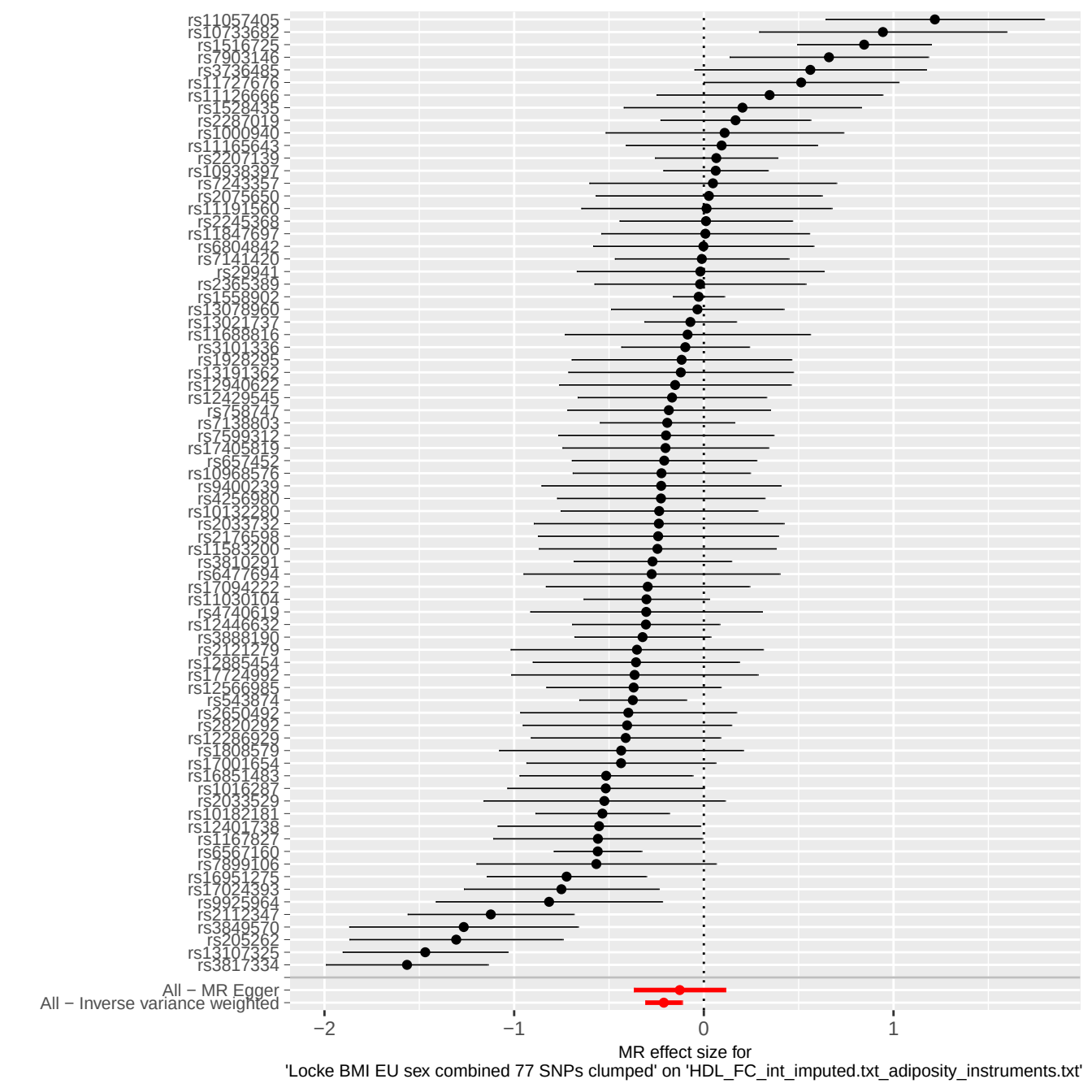

rs9925964
rs7559312
rs2287019
rs1808579
rs1528435
rs657452
rs11583200
rs1167827
rs11165643
rs4740619
rs12401738
rs12286929
rs7899106
rs10733682
rs4256980
rs3736485
rs16951275
rs10938397
rs2207139
rs10968576
rs13191362
rs1016287
rs2365389
rs10182181
rs12885454
rs13021737
rs11030104
rs11847697
rs543874
rs17094222
rs6804842
rs2112347
rs1558902
rs1516725
rs2176598
rs2820292
rs205262
rs17405819
rs3101336
rs11688816
rs12446632
rs758747
rs17724992
rs13078960
rs12940622
rs6567160
rs11191560
rs2033732
rs3888190
rs11126666
rs7903146
rs7141420
rs2121279
rs12566985
rs11057405
rs3849570
rs9400239
rs1928295
rs3810291
rs2245368
rs10132280
rs29941
rs13107325
rs1000940
rs17001654
rs11727676
rs7243357
rs16851483
rs2033529
rs3817334
rs7138803
rs12429545
rs17024393
rs6477694
rs2650492
rs2075650
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_CE_int_imputed.txt_adiposity_instruments.txt'

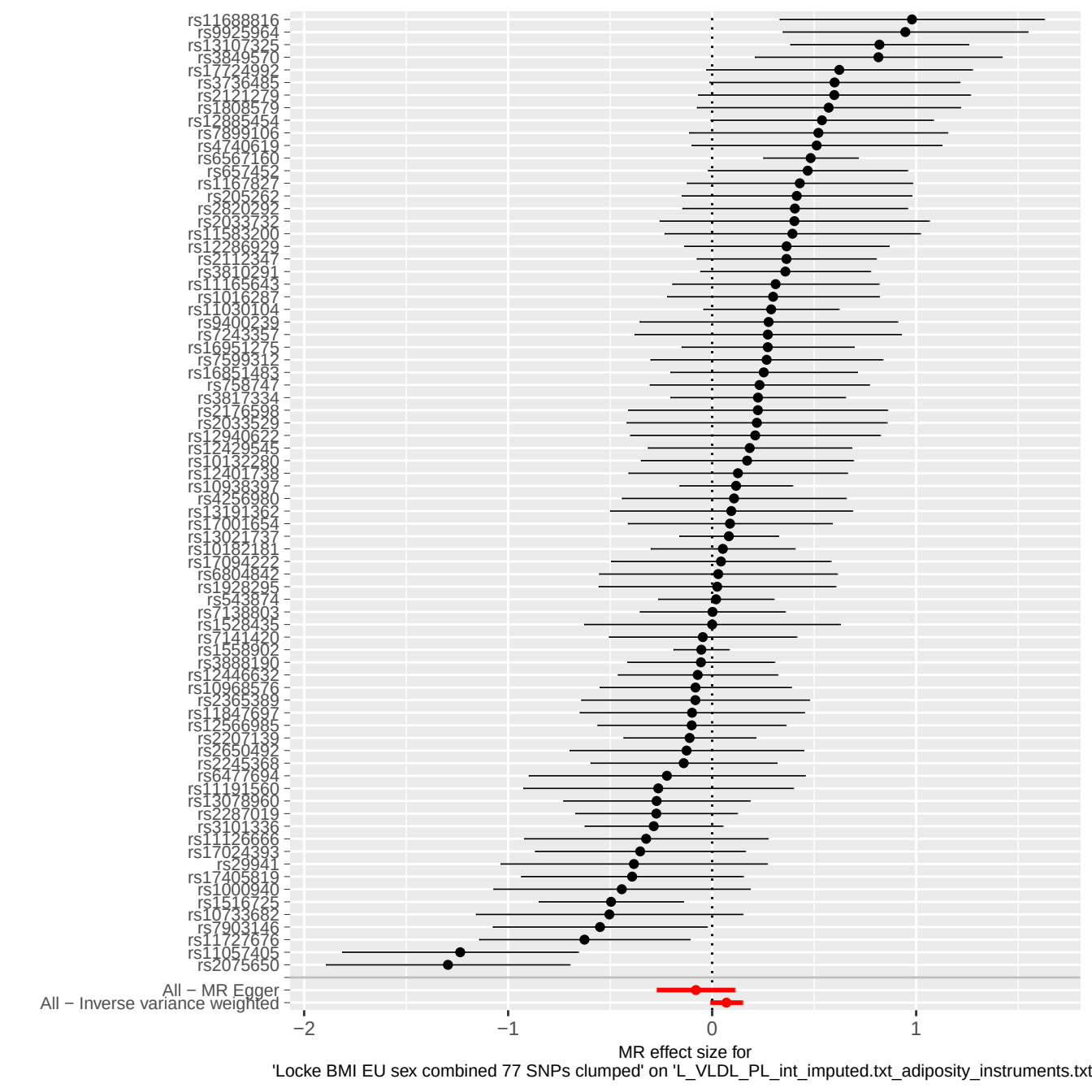

rs11688816
rs11191560
rs2287019
rs16951275
rs17724992
rs7903146
rs12401738
rs1928295
rs17405819
rs17001654
rs2121279
rs9400239
rs11030104
rs11057405
rs2650492
rs7138803
rs205262
rs12446632
rs11847697
rs2245368
rs7141420
rs3817334
rs2207139
rs16851483
rs13191362
rs3888190
rs2820292
rs2365389
rs3101336
rs10132280
rs2033529
rs6567160
rs10938397
rs12429545
rs11165643
rs1558902
rs17094222
rs4740619
rs11126666
rs13021737
rs1016287
rs1516725
rs3810291
rs12885454
rs543874
rs1528435
rs12286929
rs758747
rs11727676
rs1000940
rs3849570
rs657452
rs10182181
rs10733682
rs29941
rs17024393
rs2033732
rs12940622
rs9925964
rs6477694
rs7599312
rs6804842
rs13078960
rs4256980
rs12566985
rs10968576
rs7899106
rs1808579
rs13107325
rs11583200
rs3736485
rs1167827
rs2176598
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_FC_pct_int_imputed.txt_adiposity_instruments

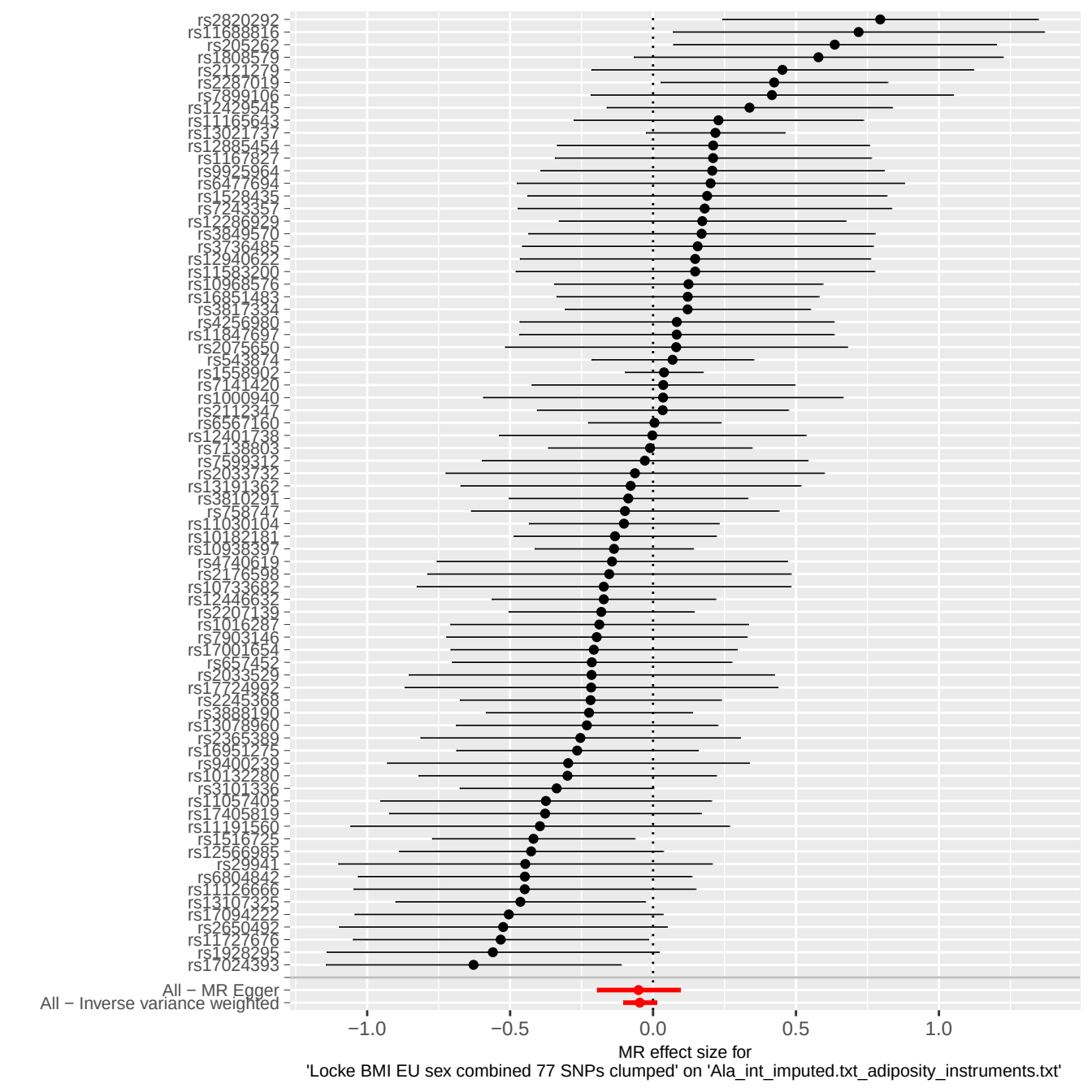

rs11688816
rs16951275
rs11165643
rs11191560
rs7903146
rs2287019
rs11030104
rs1528435
rs12401738
rs29941
rs1808579
rs16851483
rs205262
rs17001654
rs7141420
rs2245368
rs12446632
rs12885454
rs10938397
rs6567160
rs12940622
rs11126666
rs9400239
rs4740619
rs11847697
rs2365389
rs2207139
rs543874
rs11583200
rs7138803
rs1928295
rs657452
rs3736485
rs12429545
rs1016287
rs3101336
rs2650492
rs1558902
rs17094222
rs9925964
rs3888190
rs7899106
rs13078960
rs2121279
rs10733682
rs2820292
rs1516725
rs10132280
rs2033529
rs11727676
rs1167827
rs13021737
rs1000940
rs17724992
rs7599312
rs758747
rs17405819
rs3849570
rs6804842
rs10968576
rs10182181
rs13191362
rs12566985
rs11057405
rs4256980
rs3810291
rs12286929
rs2033732
rs7243357
rs3817334
rs6477694
rs2176598
rs17024393
rs2075650
rs2112347
rs13107325
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_C_pct_int_imputed.txt_adiposity_instruments.tx

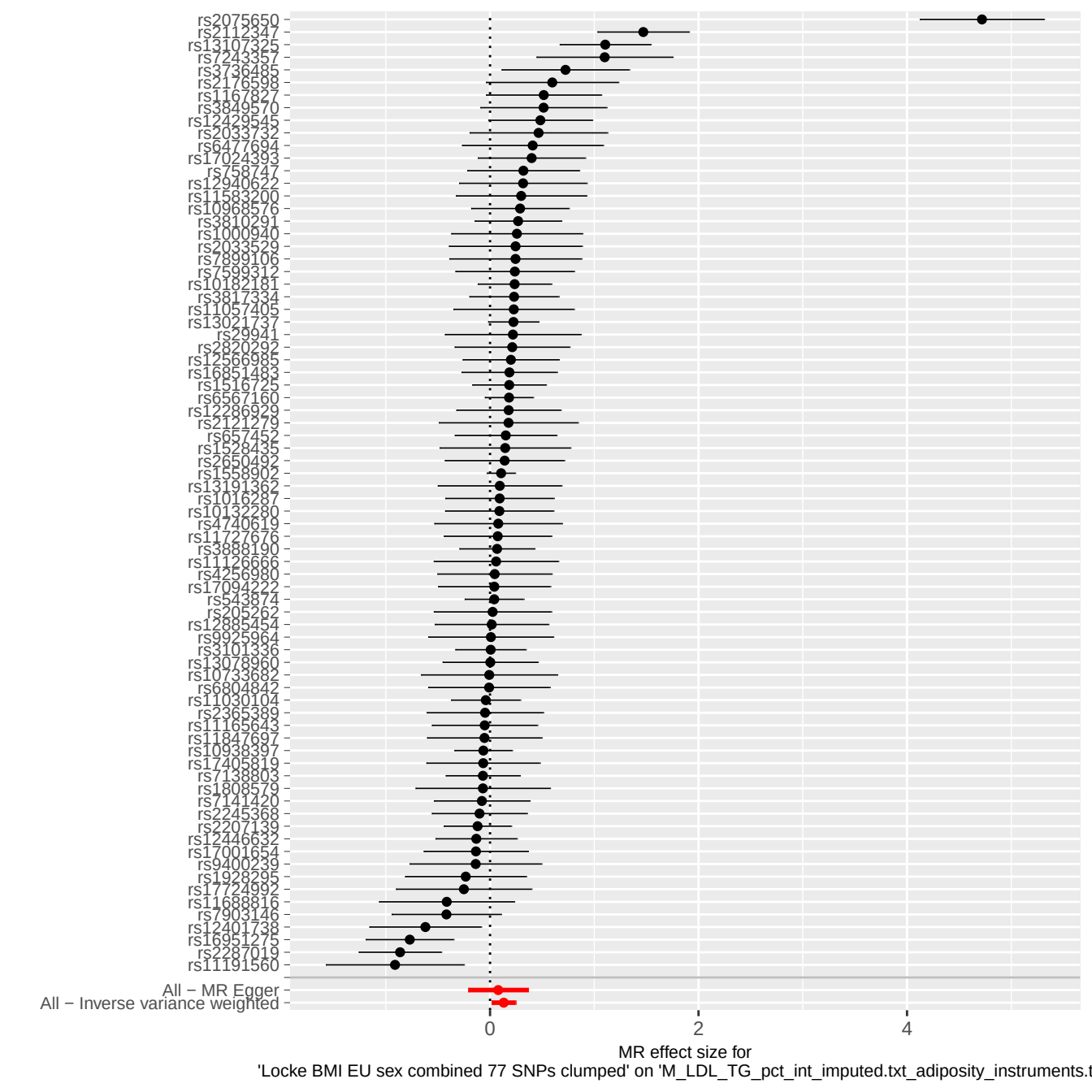

rs11057405
rs7903146
rs11727676
rs2287019
rs12940622
rs1516725
rs2033732
rs9400239
rs11191560
rs6804842
rs12401738
rs2033529
rs7141420
rs7243357
rs1928295
rs17405819
rs2245368
rs17724992
rs11126666
rs2176598
rs9925964
rs3101336
rs4256980
rs10132280
rs2365389
rs13078960
rs1808579
rs7138803
rs17001654
rs758747
rs10968576
rs2207139
rs17024393
rs12566985
rs2650492
rs11847697
rs10938397
rs17094222
rs3810291
rs11688816
rs2121279
rs1000940
rs13021737
rs12885454
rs1558902
rs3888190
rs10182181
rs4740619
rs6477694
rs543874
rs10733682
rs13191362
rs13107325
rs1016287
rs12286929
rs16851483
rs11165643
rs16951275
rs12429545
rs6567160
rs3817334
rs7599312
rs1167827
rs11030104
rs2820292
rs12446632
rs29941
rs657452
rs3736485
rs11583200
rs1528435
rs7899106
rs205262
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LDL_size_int_imputed.txt_adiposity_instruments.txt'

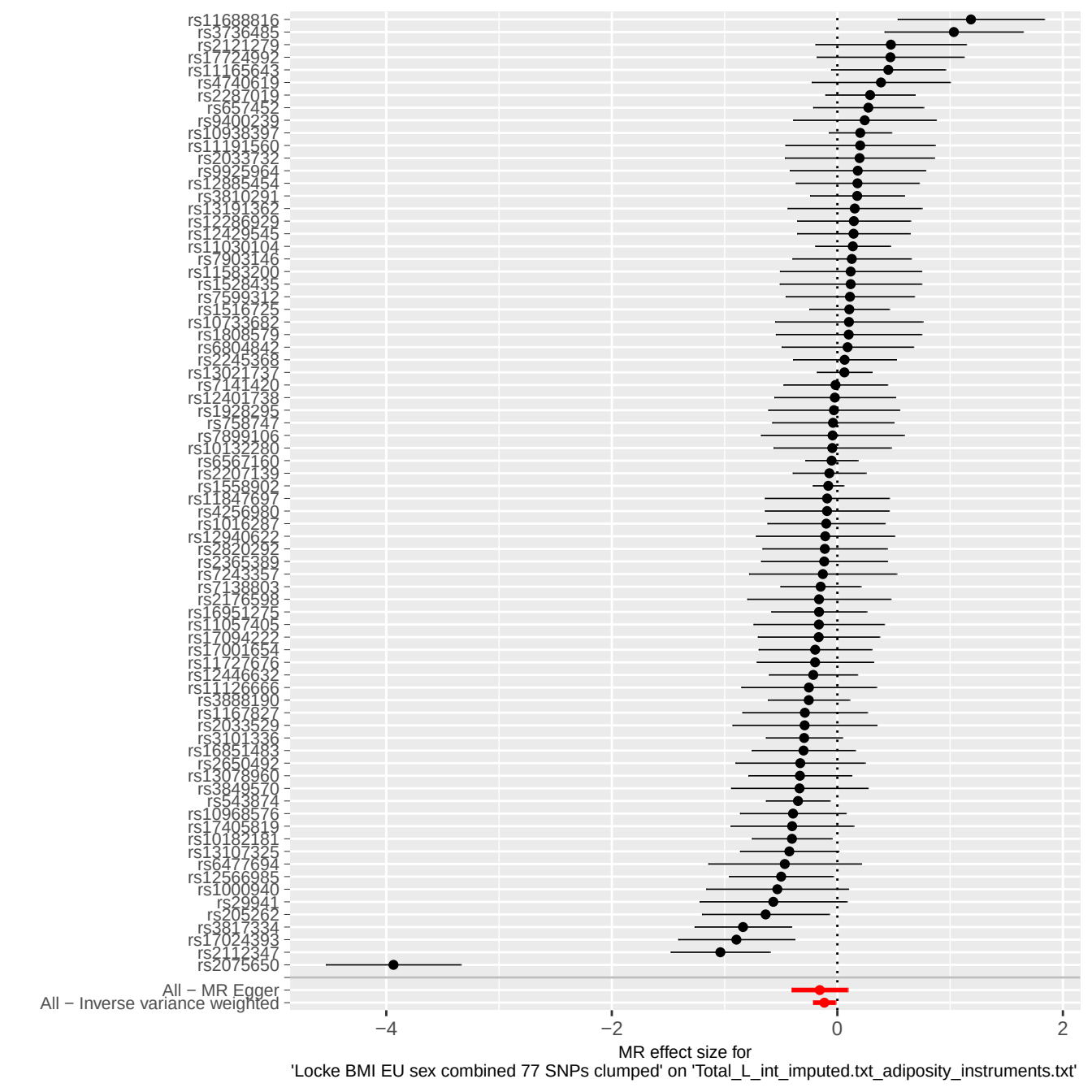

rs3736485
rs11688816
rs4740619
rs17724992
rs11165643
rs9925964
rs2121279
rs2033732
rs657452
rs11583200
rs1808579
rs7599312
rs1528435
rs12429545
rs10938397
rs3810291
rs7899106
rs11030104
rs10733682
rs9400239
rs12286929
rs12885454
rs7243357
rs13191362
rs13021737
rs2176598
rs1167827
rs758747
rs1516725
rs6804842
rs2287019
rs12940622
rs6567160
rs1016287
rs10132280
rs4256980
rs2245368
rs2820292
rs2033529
rs1558902
rs3849570
rs13107325
rs2207139
rs10968576
rs7141420
rs1928295
rs12401738
rs2365389
rs17094222
rs7903146
rs11847697
rs7138803
rs11191560
rs17001654
rs3888190
rs16851483
rs543874
rs11126666
rs16951275
rs11727676
rs12446632
rs10182181
rs13078960
rs11057405
rs3101336
rs2650492
rs6477694
rs2112347
rs205262
rs17405819
rs29941
rs12566985
rs1000940
rs3817334
rs17024393
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Total_FA_int_imputed.txt_adiposity_instruments.txt'

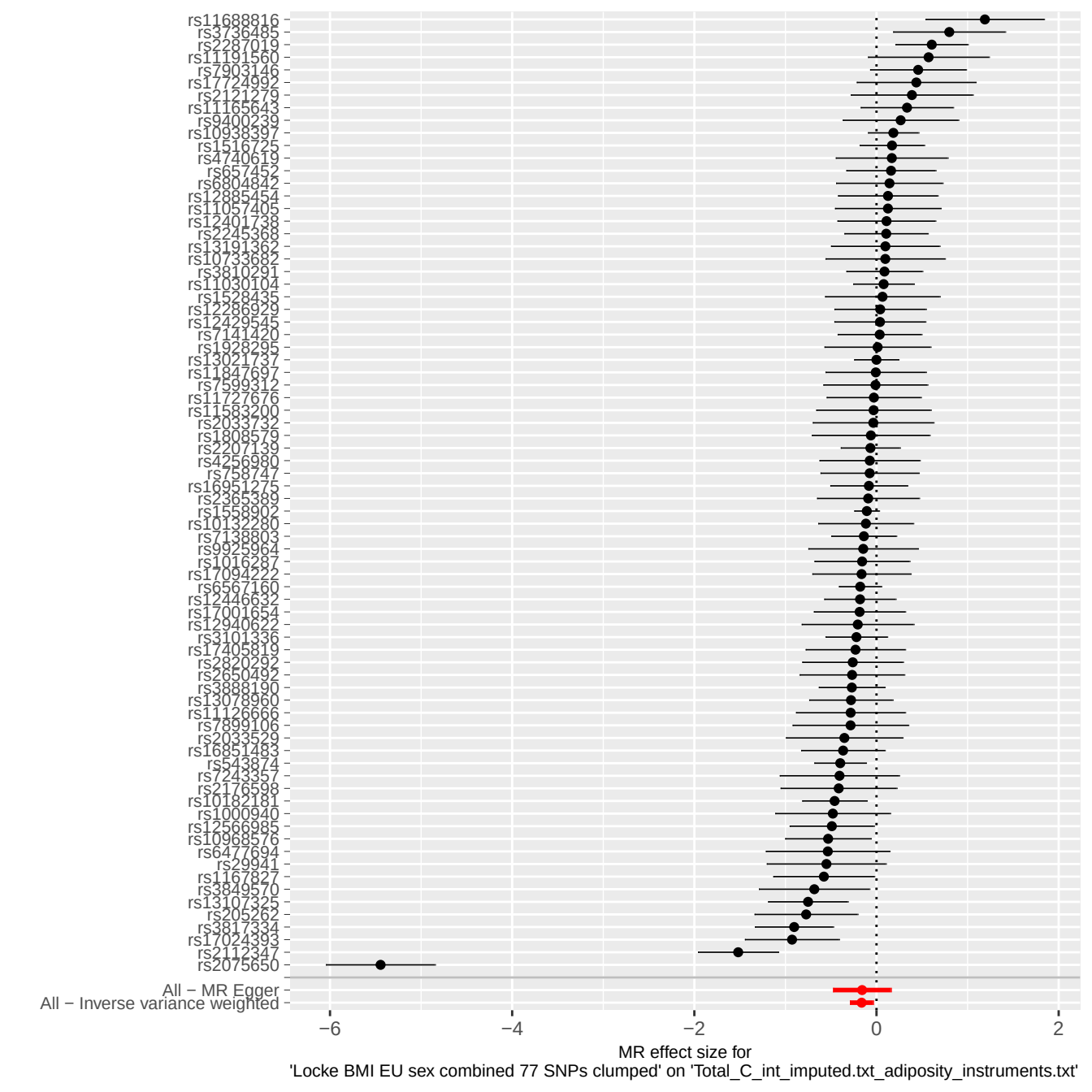

rs11057405
rs10733682
rs1516725
rs7903146
rs3736485
rs11727676
rs11126666
rs1528435
rs2287019
rs1000940
rs11165643
rs2207139
rs10938397
rs7243357
rs2075650
rs11191560
rs2245368
rs11847697
rs6804842
rs7141420
rs29941
rs2365389
rs1558902
rs13078960
rs13021737
rs11688816
rs3101336
rs1928295
rs13191362
rs12940622
rs12429545
rs758747
rs7138803
rs7599312
rs17405819
rs657452
rs10968576
rs9400239
rs4256980
rs10132280
rs2033732
rs2176598
rs11583200
rs3810291
rs6477694
rs17094222
rs11030104
rs4740619
rs12446632
rs3888190
rs2121279
rs12885454
rs17724992
rs12566985
rs543874
rs2650492
rs2820292
rs12286929
rs1808579
rs17001654
rs16851483
rs1016287
rs2033529
rs10182181
rs12401738
rs1167827
rs6567160
rs7899106
rs16951275
rs17024393
rs9925964
rs2112347
rs3849570
rs205262
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'HDL_FC_int_imputed.txt_adiposity_instruments.txt'

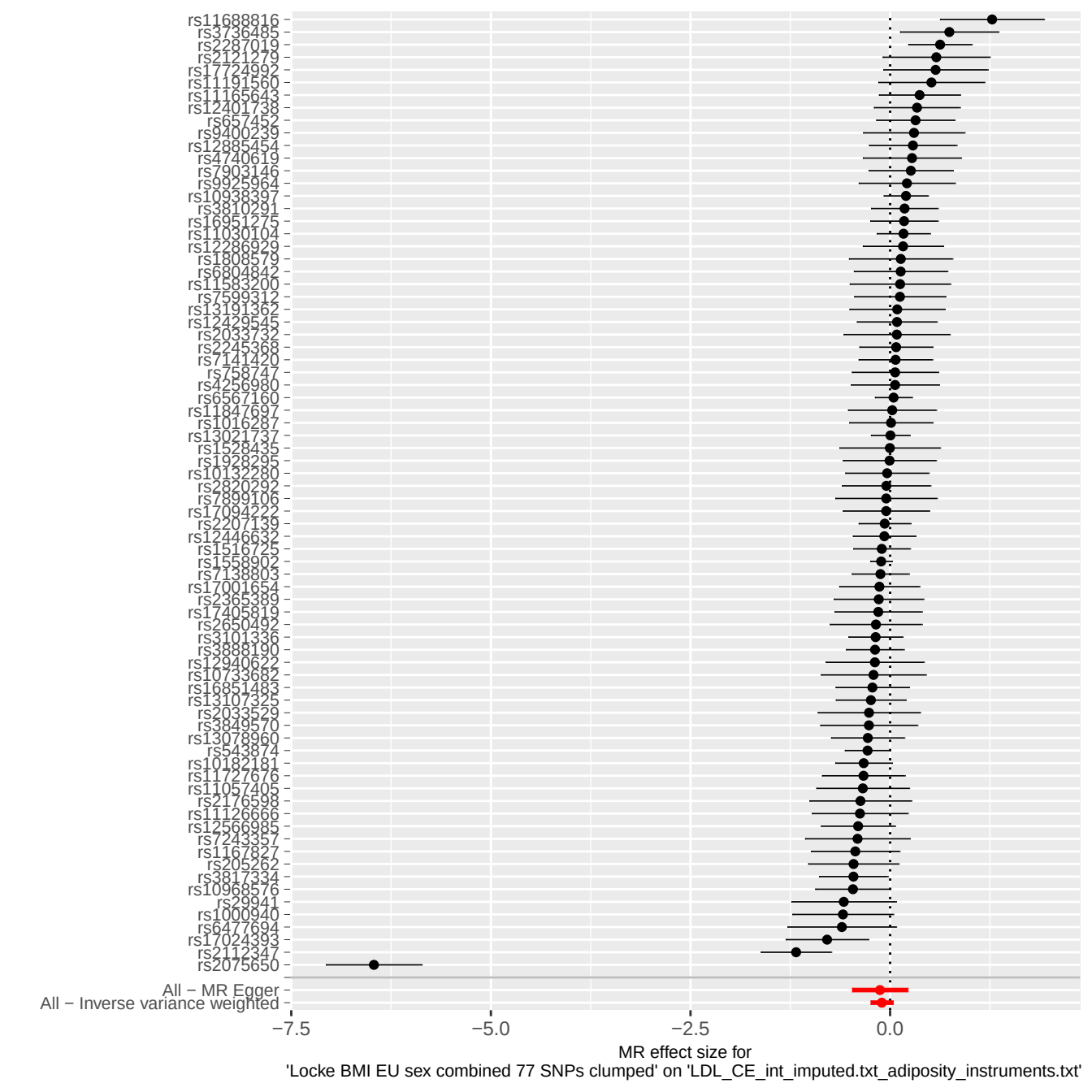

rs11688816
rs9925964
rs13107325
rs3849570
rs17724992
rs3736485
rs2121279
rs1808579
rs12885454
rs7899106
rs4740619
rs6567160
rs657452
rs1167827
rs205262
rs2820292
rs2033732
rs11583200
rs12286929
rs2112347
rs3810291
rs11165643
rs1016287
rs11030104
rs9400239
rs7243357
rs16951275
rs7599312
rs16851483
rs758747
rs3817334
rs2176598
rs2033529
rs12940622
rs12429545
rs10132280
rs12401738
rs10938397
rs4256980
rs13191362
rs17001654
rs13021737
rs10182181
rs17094222
rs6804842
rs1928295
rs543874
rs7138803
rs1528435
rs7141420
rs1558902
rs3888190
rs12446632
rs10968576
rs2365389
rs11847697
rs12566985
rs2207139
rs2650492
rs2245368
rs6477694
rs11191560
rs13078960
rs2287019
rs3101336
rs11126666
rs17024393
rs29941
rs17405819
rs1000940
rs1516725
rs10733682
rs7903146
rs11727676
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_PL_int_imputed.txt_adiposity_instruments.txt

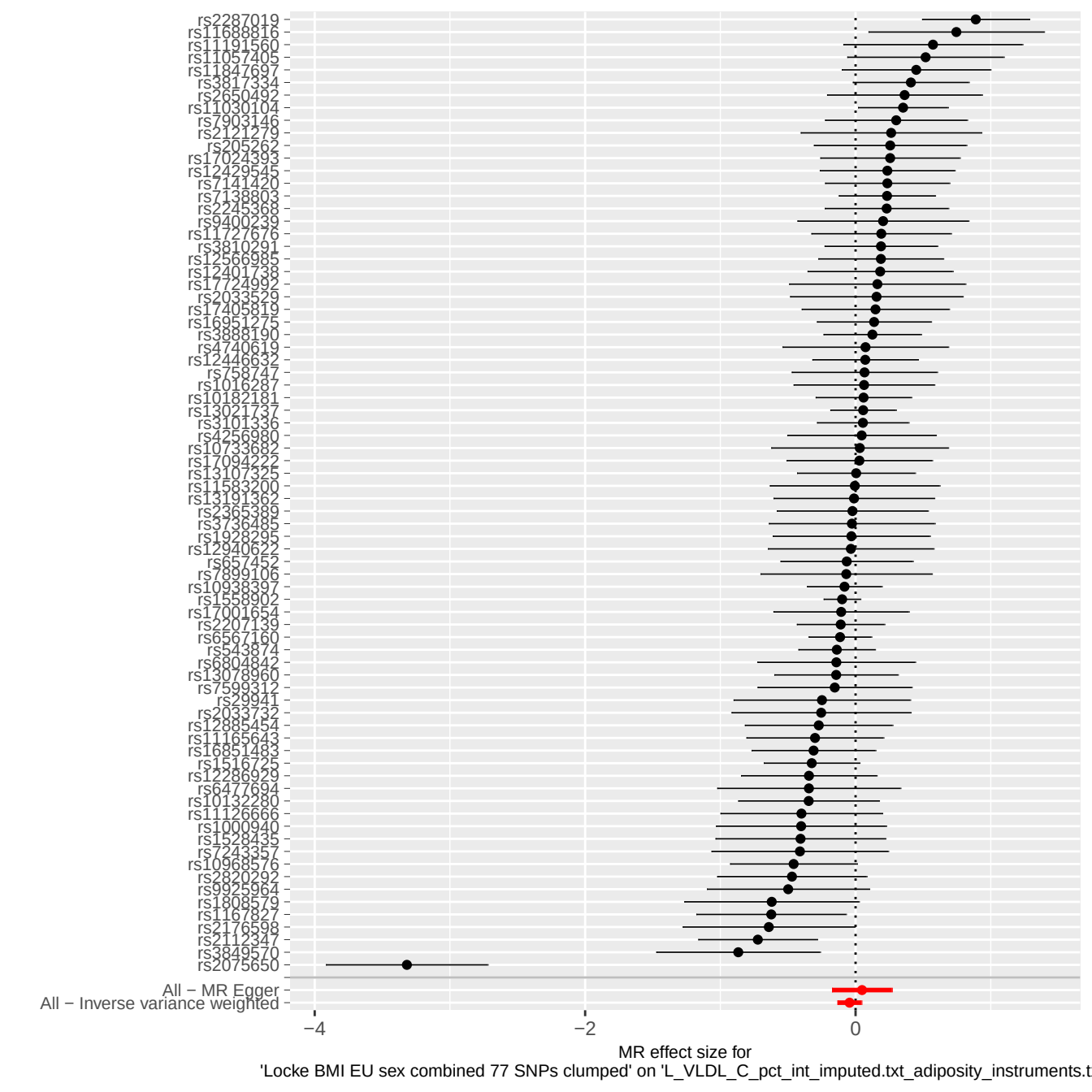

rs2820292
rs11688816
rs205262
rs1808579
rs2121279
rs2287019
rs7899106
rs12429545
rs11165643
rs13021737
rs12885454
rs1167827
rs9925964
rs6477694
rs1528435
rs7243357
rs12286929
rs3849570
rs3736485
rs12940622
rs11583200
rs10968576
rs16851483
rs3817334
rs4256980
rs11847697
rs2075650
rs543874
rs1558902
rs7141420
rs1000940
rs2112347
rs6567160
rs12401738
rs7138803
rs7599312
rs2033732
rs13191362
rs3810291
rs758747
rs11030104
rs10182181
rs10938397
rs4740619
rs2176598
rs10733682
rs12446632
rs2207139
rs1016287
rs7903146
rs17001654
rs657452
rs2033529
rs17724992
rs2245368
rs3888190
rs13078960
rs2365389
rs16951275
rs9400239
rs10132280
rs3101336
rs11057405
rs17405819
rs11191560
rs1516725
rs12566985
rs29941
rs6804842
rs11126666
rs13107325
rs17094222
rs2650492
rs11727676
rs1928295
rs17024393
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Ala_int_imputed.txt_adiposity_instruments.txt'

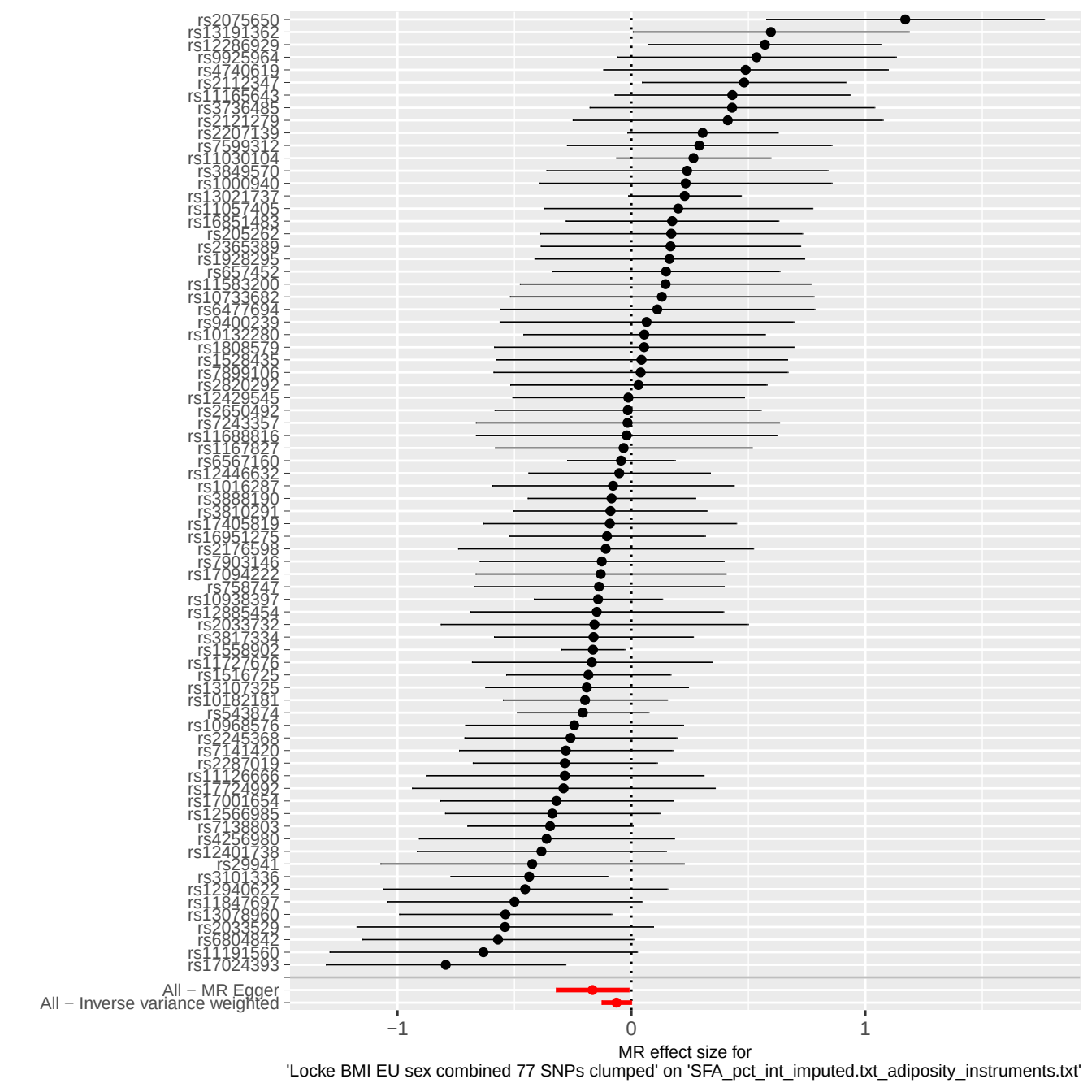

rs2075650
rs2112347
rs13107325
rs7243357
rs3736485
rs2176598
rs1167827
rs3849570
rs12429545
rs2033732
rs6477694
rs17024393
rs758747
rs12940622
rs11583200
rs10968576
rs3810291
rs1000940
rs2033529
rs7899106
rs7599312
rs10182181
rs3817334
rs11057405
rs13021737
rs29941
rs2820292
rs12566985
rs16851483
rs1516725
rs6567160
rs12286929
rs2121279
rs657452
rs1528435
rs2650492
rs1558902
rs13191362
rs1016287
rs10132280
rs4740619
rs11727676
rs3888190
rs11126666
rs4256980
rs17094222
rs543874
rs205262
rs12885454
rs9925964
rs3101336
rs13078960
rs10733682
rs6804842
rs11030104
rs2365389
rs11165643
rs11847697
rs10938397
rs17405819
rs7138803
rs1808579
rs7141420
rs2245368
rs2207139
rs12446632
rs17001654
rs9400239
rs1928295
rs17724992
rs11688816
rs7903146
rs12401738
rs16951275
rs2287019
rs11191560
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_TG_pct_int_imputed.txt_adiposity_instruments.t

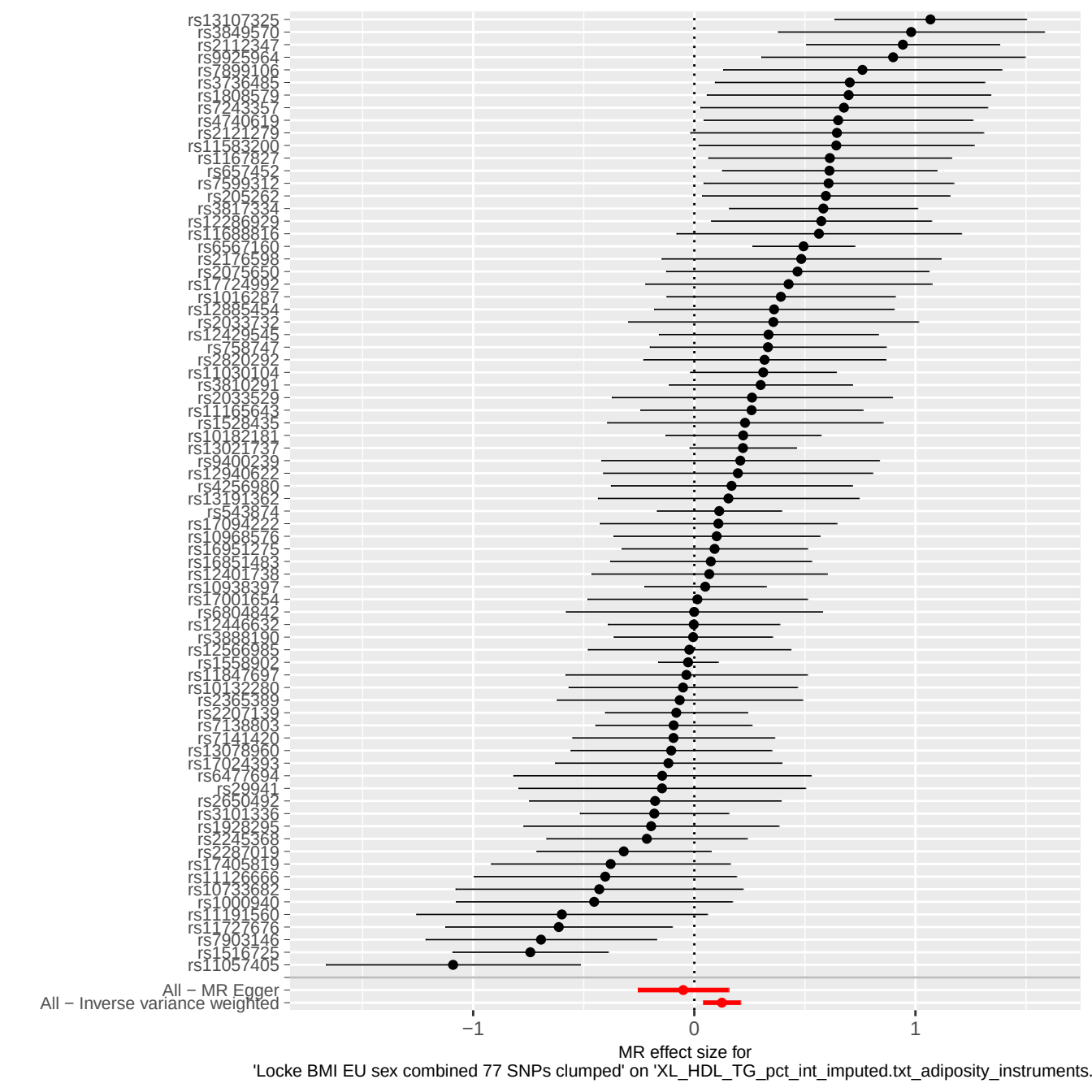

rs11688816
rs3736485
rs212279
rs17724992
rs11165643
rs4740619
rs2287019
rs657452
rs9400239
rs10938397
rs11191560
rs2033732
rs9925964
rs12885454
rs3810291
rs13191362
rs12286929
rs12429545
rs11030104
rs7903146
rs11583200
rs1528435
rs7599312
rs1516725
rs10733682
rs1808579
rs6804842
rs2245368
rs13021737
rs7141420
rs12401738
rs1928295
rs758747
rs7899106
rs10132280
rs6567160
rs2207139
rs1558902
rs11847697
rs4256980
rs1016287
rs12940622
rs2820292
rs2365389
rs7243357
rs7138803
rs2176598
rs16951275
rs11057405
rs17094222
rs17001654
rs11727676
rs12446632
rs11126666
rs3888190
rs1167827
rs2033529
rs3101336
rs16851483
rs2650492
rs13078960
rs3849570
rs543874
rs10968576
rs17405819
rs10182181
rs13107325
rs6477694
rs12566985
rs1000940
rs29941
rs205262
rs3817334
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Total_L_int_imputed.txt_adiposity_instruments.txt'

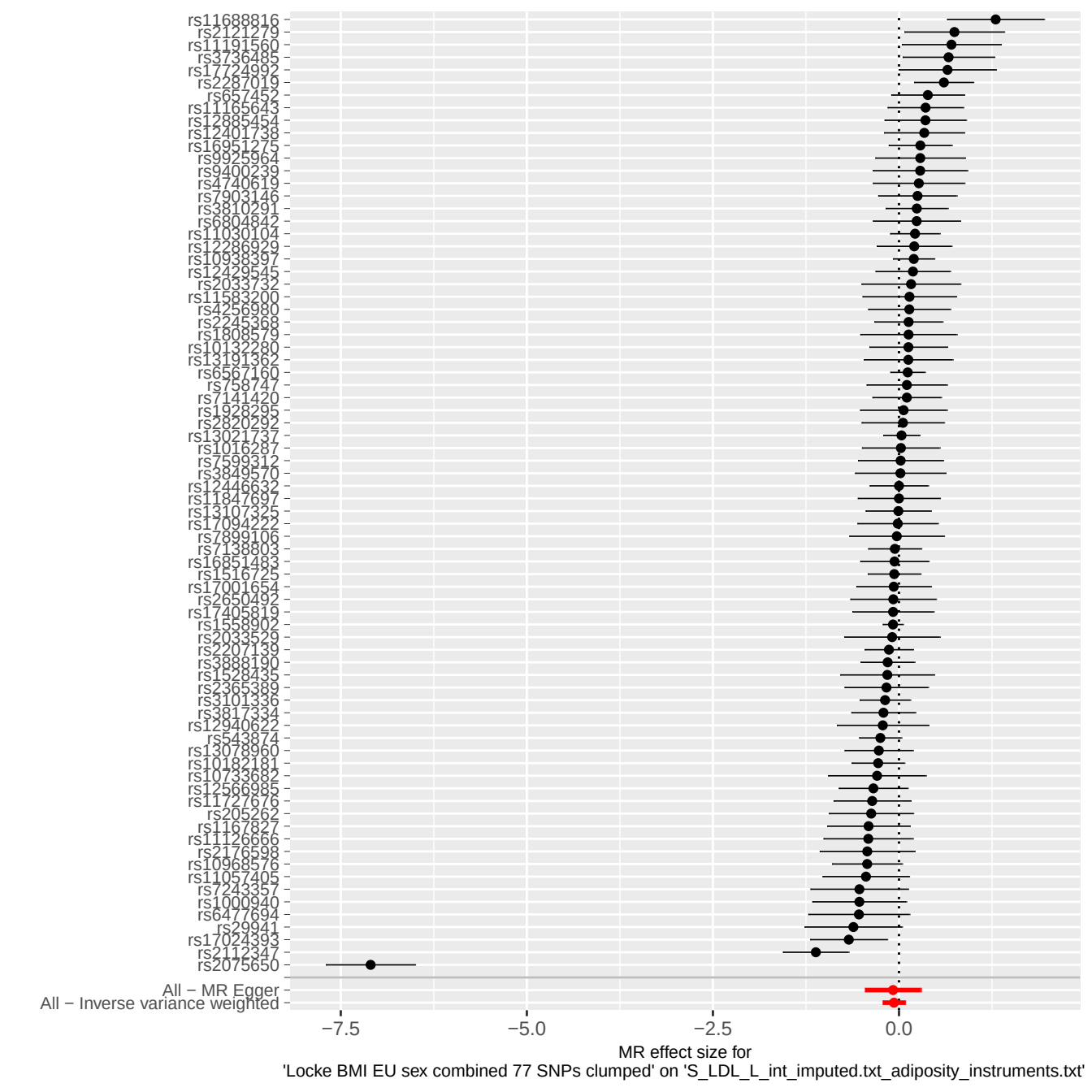

rs11688816
rs3736485
rs2287019
rs11191560
rs7903146
rs17724992
rs2121279
rs11165643
rs9400239
rs10938397
rs1516725
rs4740619
rs657452
rs6804842
rs12885454
rs11057405
rs12401738
rs2245368
rs13191362
rs10733682
rs3810291
rs11030104
rs1528435
rs12286929
rs12429545
rs7141420
rs1928295
rs13021737
rs11847697
rs7599312
rs11727676
rs11583200
rs2033732
rs1808579
rs2207139
rs4256980
rs758747
rs16951275
rs2365389
rs1558902
rs10132280
rs7138803
rs9925964
rs1016287
rs17094222
rs6567160
rs12446632
rs17001654
rs12940622
rs3101336
rs17405819
rs2820292
rs2650492
rs3888190
rs13078960
rs11126666
rs7899106
rs2033529
rs16851483
rs543874
rs7243357
rs2176598
rs10182181
rs1000940
rs12566985
rs10968576
rs6477694
rs29941
rs1167827
rs3849570
rs13107325
rs205262
rs3817334
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Total_C_int_imputed.txt_adiposity_instruments.txt'

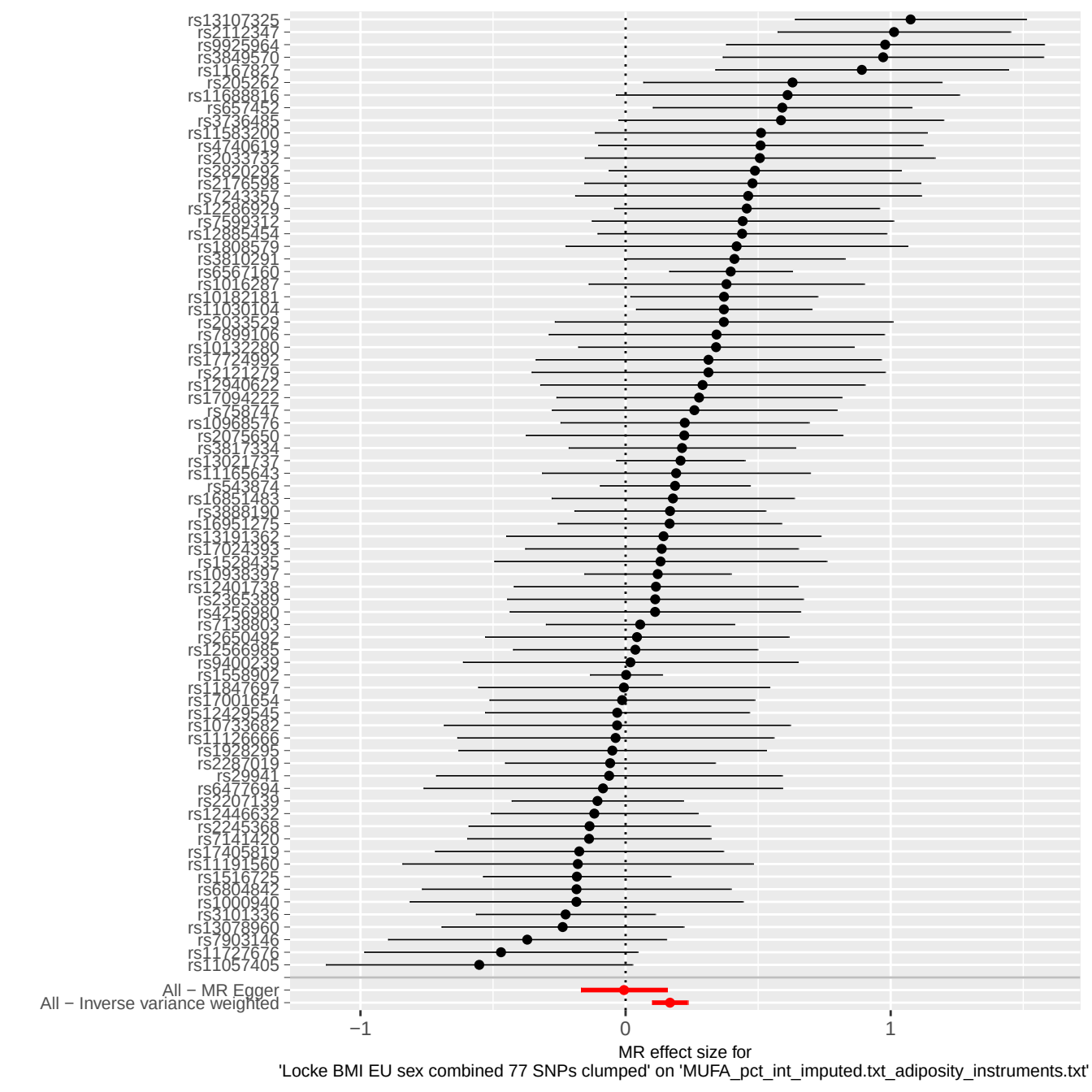

rs11688816
rs3736485
rs2287019
rs2121279
rs17724992
rs11191560
rs11165643
rs12401738
rs657452
rs9400239
rs12885454
rs4740619
rs7903146
rs9925964
rs10938397
rs3810291
rs16951275
rs11030104
rs12286929
rs1808579
rs6804842
rs11583200
rs7599312
rs13191362
rs12429545
rs2033732
rs2245368
rs7141420
rs758747
rs4256980
rs6567160
rs11847697
rs1016287
rs13021737
rs1528435
rs1928295
rs10132280
rs2820292
rs7899106
rs17094222
rs2207139
rs12446632
rs1516725
rs1558902
rs7138803
rs17001654
rs2365389
rs17405819
rs2650492
rs3101336
rs3888190
rs12940622
rs10733682
rs16851483
rs13107325
rs2033529
rs3849570
rs13078960
rs543874
rs10182181
rs11727676
rs11057405
rs2176598
rs11126666
rs12566985
rs7243357
rs1167827
rs205262
rs3817334
rs10968576
rs29941
rs1000940
rs6477694
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LDL_CE_int_imputed.txt_adiposity_instruments.txt'

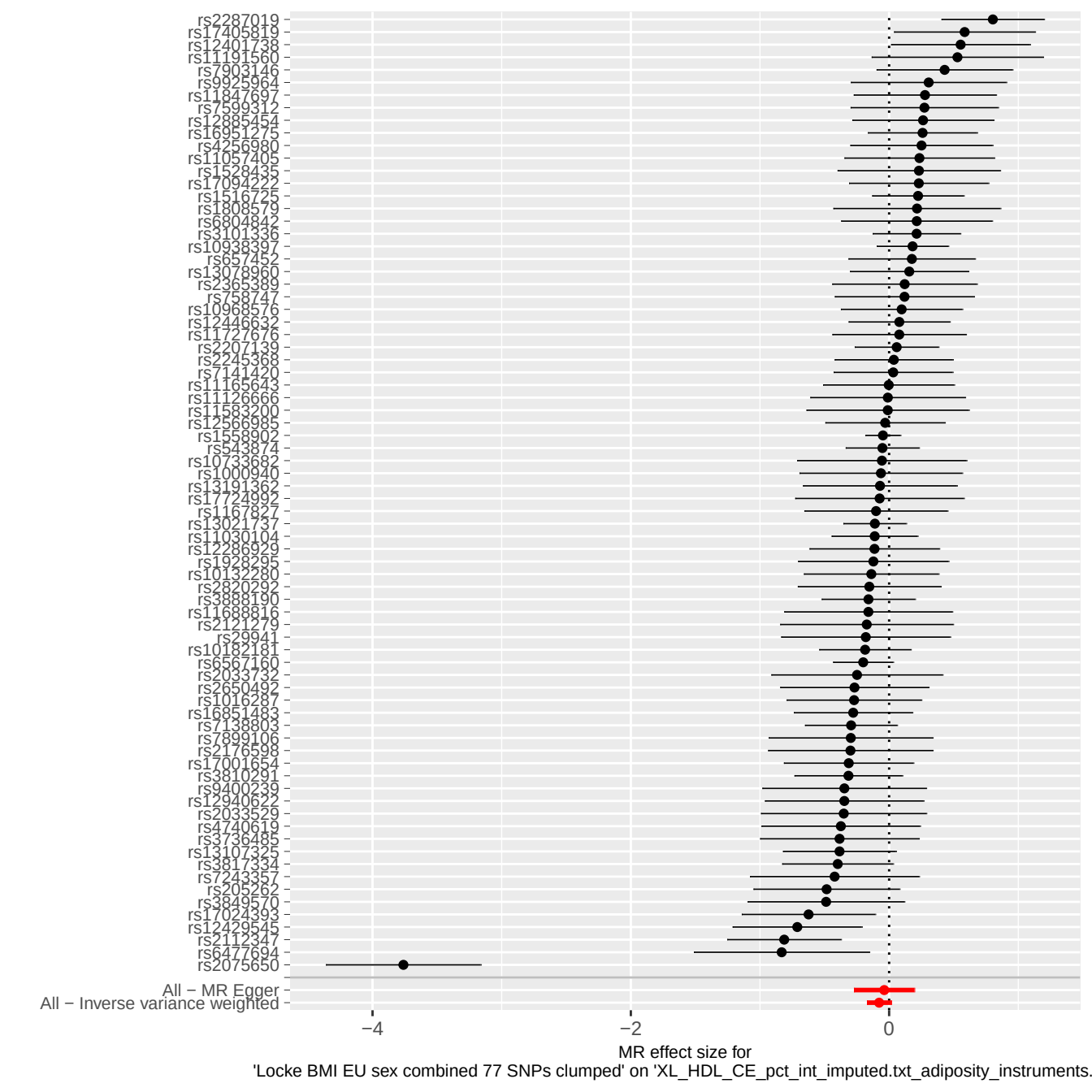

rs2287019
rs11688816
rs11191560
rs11057405
rs11847697
rs3817334
rs2650492
rs11030104
rs7903146
rs2121279
rs205262
rs17024393
rs12429545
rs7141420
rs7138803
rs2245368
rs9400239
rs11727676
rs3810291
rs12566985
rs12401738
rs17724992
rs2033529
rs17405819
rs16951275
rs3888190
rs4740619
rs12446632
rs758747
rs1016287
rs10182181
rs13021737
rs3101336
rs4256980
rs10733682
rs17094222
rs13107325
rs11583200
rs13191362
rs2365389
rs3736485
rs1928295
rs12940622
rs657452
rs7899106
rs10938397
rs1558902
rs17001654
rs2207139
rs6567160
rs543874
rs6804842
rs13078960
rs7599312
rs29941
rs2033732
rs12885454
rs11165643
rs16851483
rs1516725
rs12286929
rs6477694
rs10132280
rs11126666
rs1000940
rs1528435
rs7243357
rs10968576
rs2820292
rs9925964
rs1808579
rs1167827
rs2176598
rs2112347
rs3849570
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_C_pct_int_imputed.txt_adiposity_instruments.t

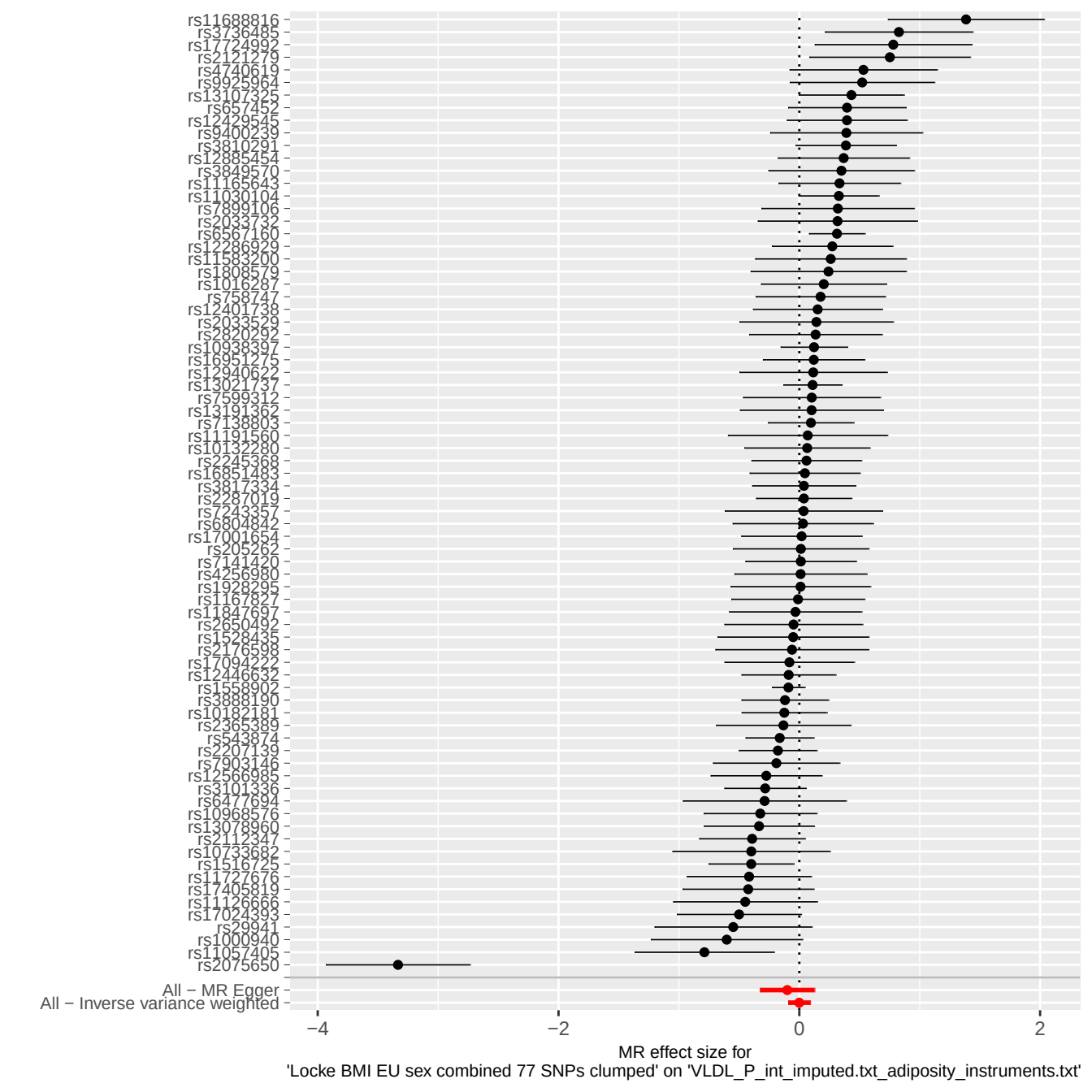

rs2075650
rs13191362
rs12286929
rs9925964
rs4740619
rs2112347
rs11165643
rs3736485
rs2121279
rs2207139
rs7599312
rs11030104
rs3849570
rs1000940
rs13021737
rs11057405
rs16851483
rs205262
rs2365389
rs1928295
rs657452
rs11583200
rs10733682
rs6477694
rs9400239
rs10132280
rs1808579
rs1528435
rs7899106
rs2820292
rs12429545
rs2650492
rs7243357
rs11688816
rs1167827
rs6567160
rs12446632
rs1016287
rs3888190
rs3810291
rs17405819
rs16951275
rs2176598
rs7903146
rs17094222
rs758747
rs10938397
rs12885454
rs2033732
rs3817334
rs1558902
rs11727676
rs1516725
rs13107325
rs10182181
rs543874
rs10968576
rs2245368
rs7141420
rs2287019
rs11126666
rs17724992
rs17001654
rs12566985
rs7138803
rs4256980
rs12401738
rs29941
rs3101336
rs12940622
rs11847697
rs13078960
rs2033529
rs6804842
rs11191560
rs17024393
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'SFA_pct_int_imputed.txt_adiposity_instruments.txt'

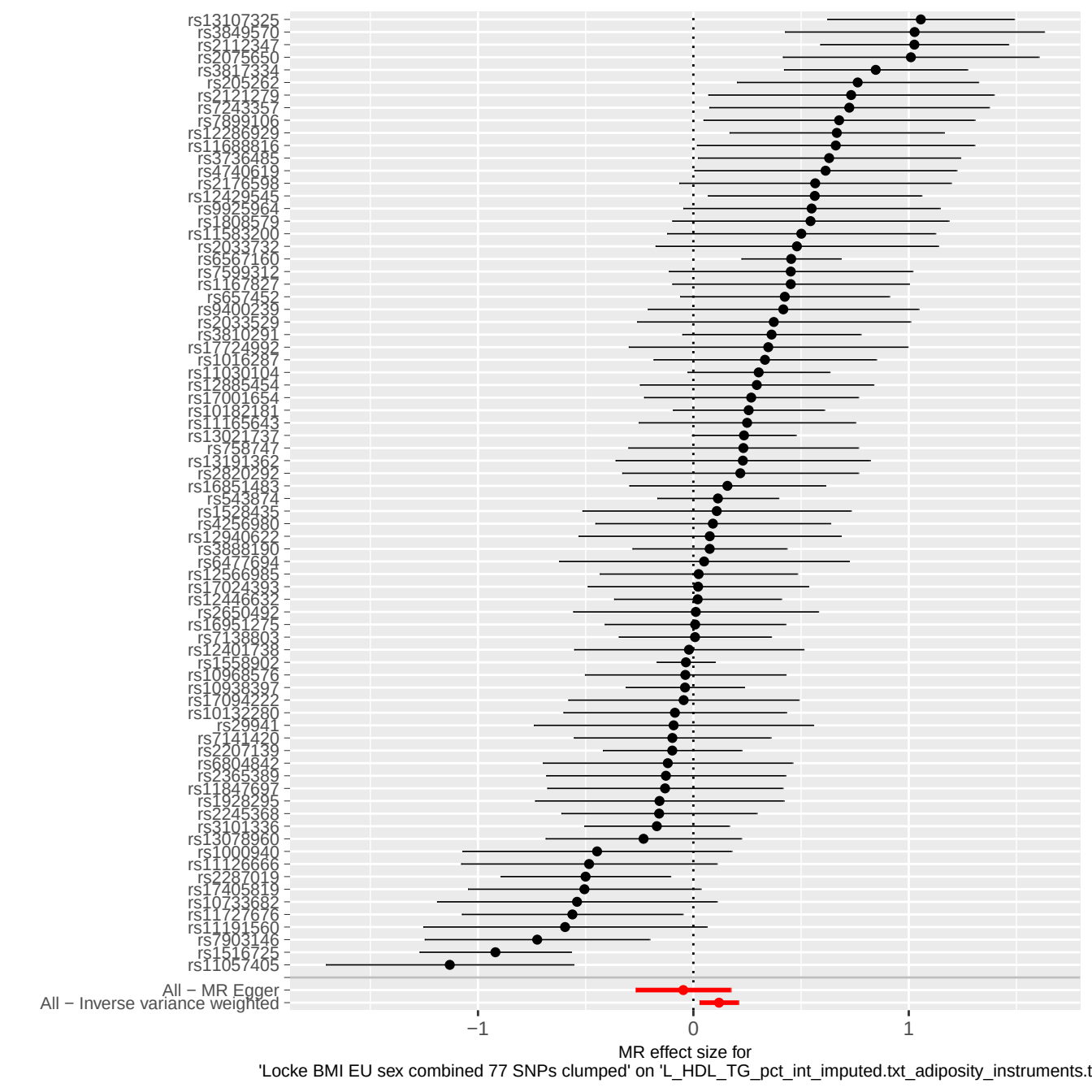

rs13107325
rs3849570
rs2112347
rs9925964
rs7899106
rs3736485
rs1808579
rs7243357
rs4740619
rs2121279
rs11583200
rs1167827
rs657452
rs7599312
rs205262
rs3817334
rs12286929
rs11688816
rs6567160
rs2176598
rs2075650
rs17724992
rs1016287
rs12885454
rs2033732
rs12429545
rs758747
rs2820292
rs11030104
rs3810291
rs2033529
rs11165643
rs1528435
rs10182181
rs13021737
rs9400239
rs12940622
rs4256980
rs13191362
rs543874
rs17094229
rs10968576
rs16951275
rs16851483
rs12401738
rs10938397
rs17001654
rs6804842
rs12446632
rs3888190
rs12566985
rs1558902
rs11847697
rs10132280
rs2365389
rs2207139
rs7138803
rs7141420
rs13078960
rs17024393
rs6477694
rs29941
rs2650492
rs3101336
rs1928295
rs2245368
rs2287019
rs17405819
rs11126666
rs10733682
rs1000940
rs11191560
rs11727676
rs7903146
rs1516725
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_TG_pct_int_imputed.txt_adiposity_instruments.

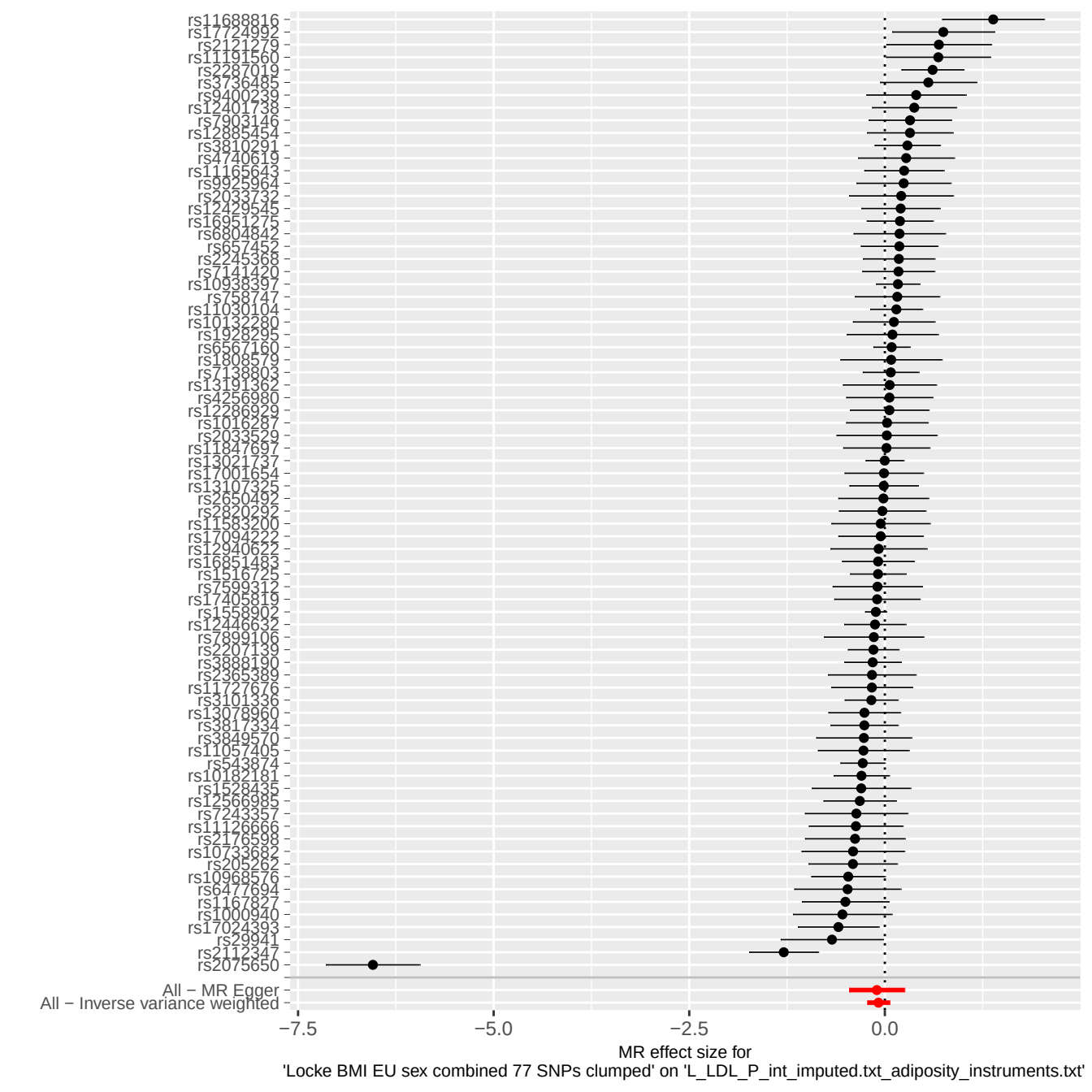

rs11688816
rs2121279
rs11191560
rs3736485
rs17724992
rs2287019
rs657452
rs11165643
rs12885454
rs12401738
rs16951275
rs9925964
rs9400239
rs4740619
rs7903146
rs3810291
rs6804842
rs11030104
rs12286929
rs10938397
rs12429545
rs2033732
rs11583200
rs4256980
rs2245368
rs1808579
rs10132280
rs13191362
rs6567160
rs758747
rs7141420
rs1928295
rs2820292
rs13021737
rs1016287
rs7599312
rs3849570
rs12446632
rs11847697
rs13107325
rs17094222
rs7899106
rs7138803
rs16851483
rs1516725
rs17001654
rs2650492
rs17405819
rs1558902
rs2033529
rs2207139
rs3888190
rs1528435
rs2365389
rs3101336
rs3817334
rs12940622
rs543874
rs8048874
rs13078960
rs10182181
rs10733682
rs12566985
rs11727676
rs205262
rs1167827
rs11126666
rs2176598
rs10968576
rs11057405
rs7243357
rs1000940
rs6477694
rs29941
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_L_int_imputed.txt_adiposity_instruments.txt'

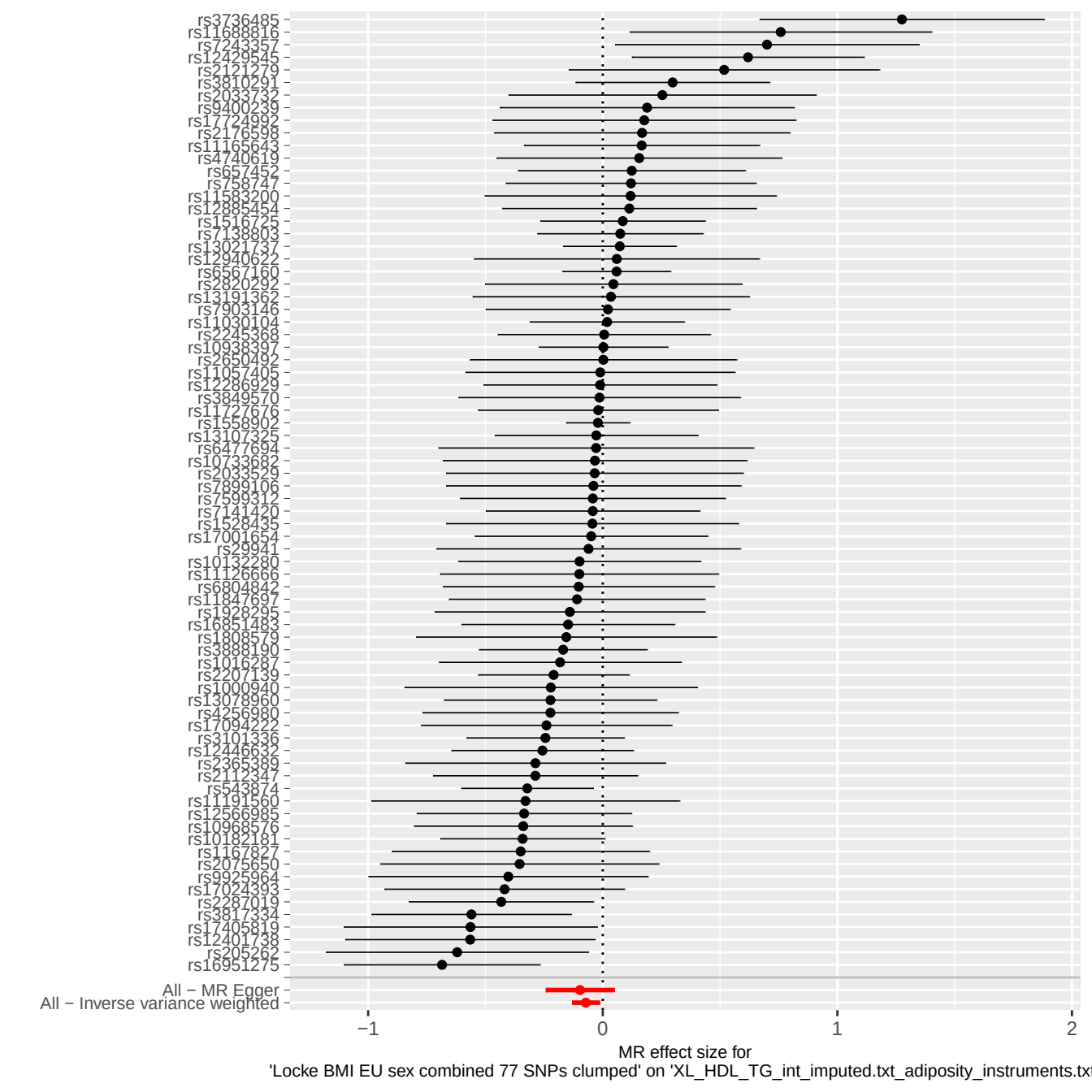

rs13107325
rs2112347
rs9925964
rs3849570
rs1167827
rs205262
rs11688816
rs657452
rs3736485
rs11583200
rs4740619
rs2033732
rs2820292
rs2176598
rs7243357
rs12286929
rs7599312
rs12885454
rs1808579
rs3810291
rs6567160
rs1016287
rs10182181
rs11030104
rs2033529
rs7899106
rs10132280
rs17724992
rs2121279
rs12940622
rs17094222
rs758747
rs10968576
rs2075650
rs3817334
rs13021737
rs11165643
rs543874
rs16851483
rs3888190
rs16951275
rs13191362
rs17024393
rs1528435
rs10938397
rs12401738
rs2365389
rs4256980
rs7138803
rs2650492
rs12566985
rs9400239
rs1558902
rs11847697
rs17001654
rs12429545
rs10733682
rs11126666
rs1928295
rs2287019
rs29941
rs6477694
rs2207139
rs12446632
rs2245368
rs7141420
rs17405819
rs11191560
rs1516725
rs6804842
rs1000940
rs3101336
rs13078960
rs7903146
rs11727676
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'MUFA_pct_int_imputed.txt_adiposity_instruments.txt'

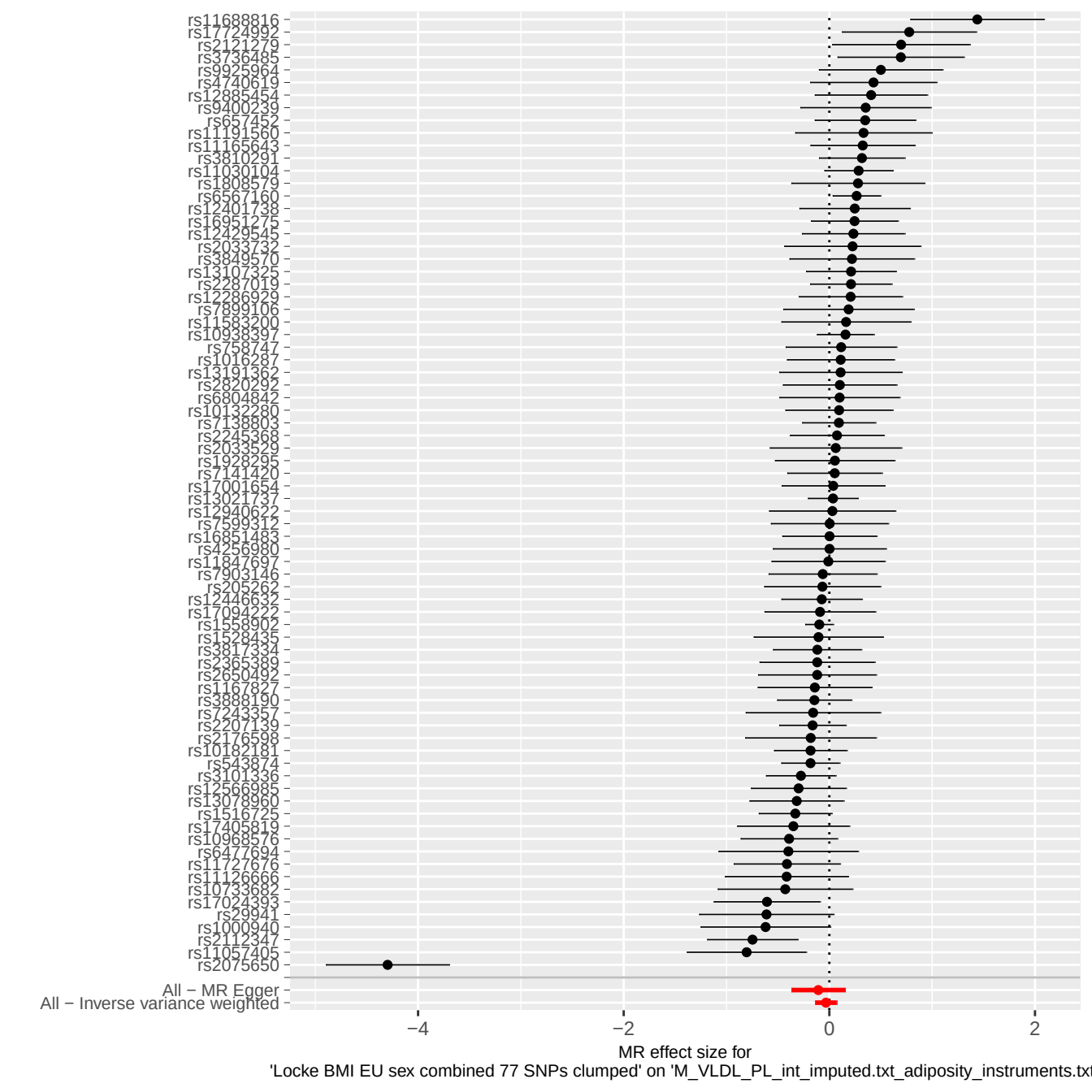

rs2287019
rs17405819
rs12401738
rs11191560
rs7903146
rs9925964
rs11847697
rs7599312
rs12885454
rs16951275
rs4256980
rs11057405
rs1528435
rs17094222
rs1516725
rs1808579
rs6804842
rs3101336
rs10938397
rs657452
rs13078960
rs2365389
rs758747
rs10968576
rs12446632
rs11727676
rs2207139
rs2245368
rs7141420
rs11165643
rs11126666
rs11583200
rs12566985
rs1558902
rs543874
rs10733682
rs1000940
rs13191362
rs17724992
rs1167827
rs13021737
rs11030104
rs12286929
rs1928295
rs10132280
rs2820292
rs3888190
rs11688816
rs2121279
rs29941
rs10182181
rs6567160
rs2033732
rs2650492
rs1016287
rs16851483
rs7138803
rs7899106
rs2176598
rs17001654
rs3810291
rs9400239
rs12940622
rs2033529
rs4740619
rs3736485
rs13107325
rs3817334
rs7243357
rs205262
rs3849570
rs17024393
rs12429545
rs2112347
rs6477694
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_CE_pct_int_imputed.txt_adiposity_instruments.

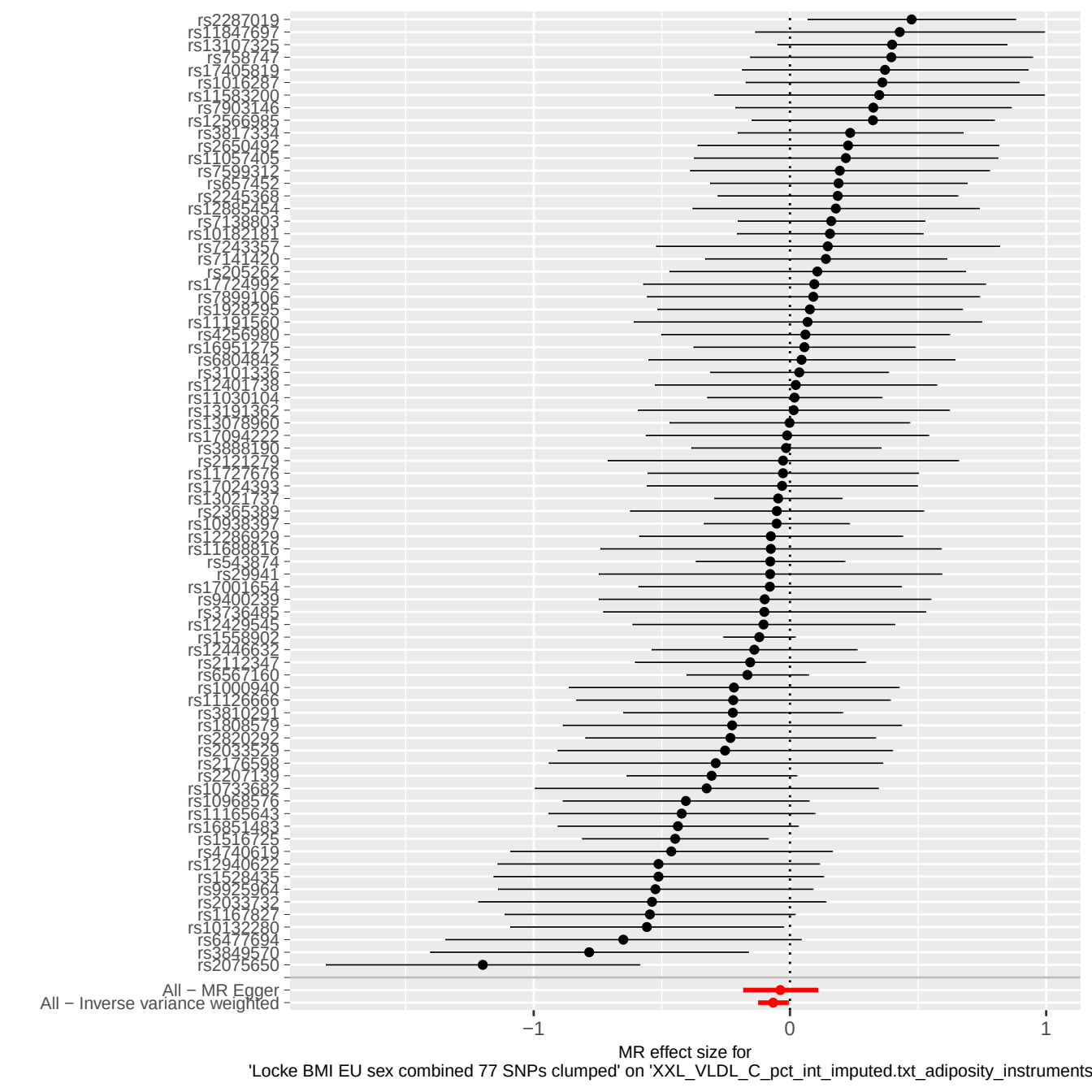

rs11688816
rs3736485
rs17724992
rs2121279
rs4740619
rs9925964
rs13107325
rs657452
rs12429545
rs9400239
rs3810291
rs12885454
rs3849570
rs11165643
rs11030104
rs7899106
rs2033732
rs6567160
rs12286929
rs11583200
rs1808579
rs1016287
rs758747
rs12401738
rs2033529
rs2820292
rs10938397
rs16951275
rs12940622
rs13021737
rs7599312
rs13191362
rs7138803
rs11191560
rs10132280
rs2245368
rs16851483
rs3817334
rs2287019
rs7243357
rs6804842
rs17001654
rs205262
rs7141420
rs4256980
rs1928295
rs1167827
rs11847697
rs2650492
rs1528435
rs2176598
rs17094222
rs12446632
rs1558902
rs3888190
rs10182181
rs2365389
rs543874
rs2207139
rs7903146
rs12566985
rs3101336
rs6477694
rs10968576
rs13078960
rs2112347
rs10733682
rs1516725
rs11727676
rs17405819
rs11126666
rs17024393
rs29941
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'VLDL_P_int_imputed.txt_adiposity_instruments.txt'

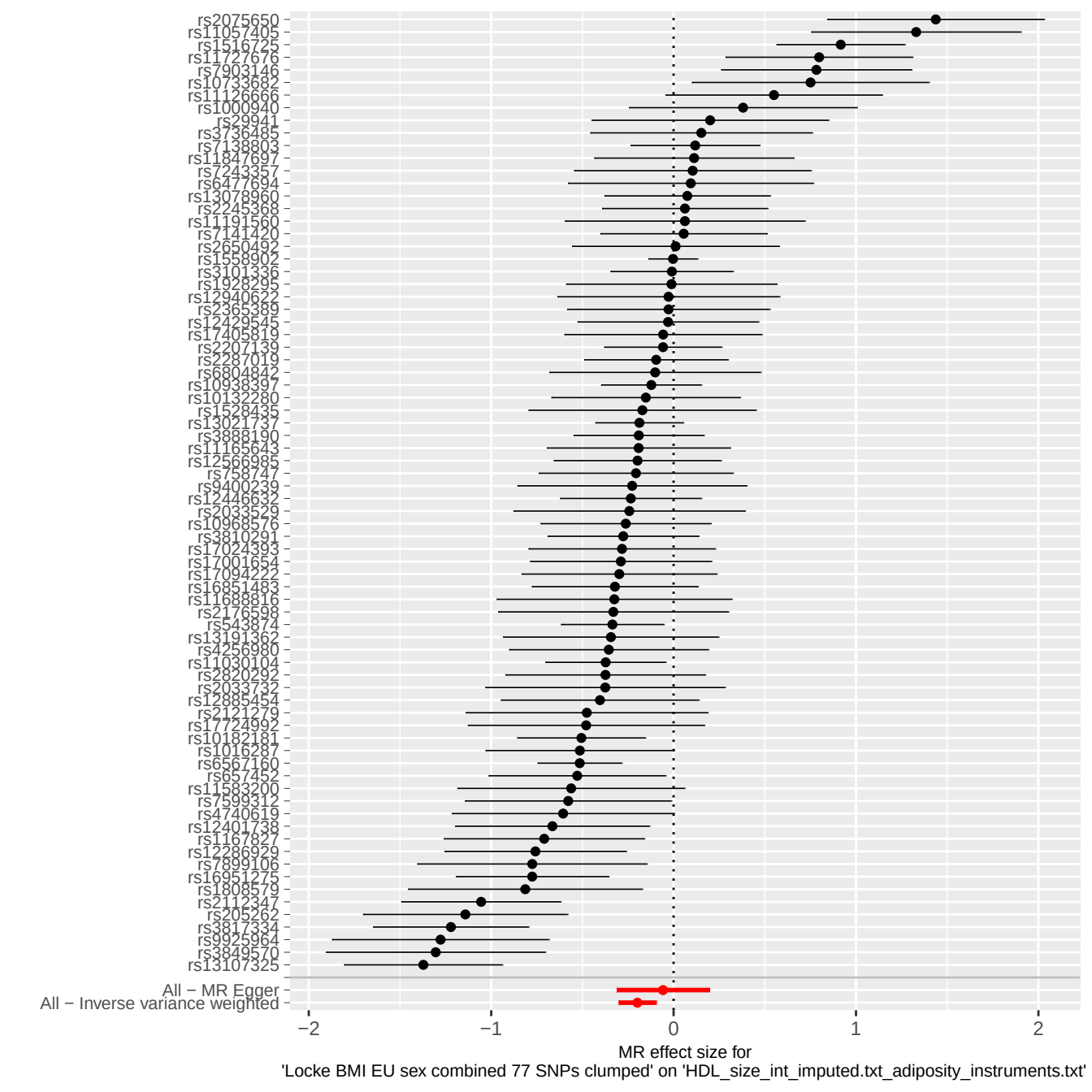

rs13107325
rs3849570
rs2112347
rs2075650
rs3817334
rs205262
rs2121279
rs7243357
rs7899106
rs12286929
rs11688816
rs3736485
rs4740619
rs2176598
rs12429545
rs9925964
rs1808579
rs11583200
rs2033732
rs6567160
rs7599312
rs1167827
rs657452
rs9400239
rs2033529
rs3810291
rs17724992
rs1016287
rs11030104
rs12885454
rs17001654
rs10182181
rs11165643
rs13021737
rs758747
rs13191362
rs2820292
rs16851483
rs543874
rs1528435
rs4256980
rs12940622
rs3888190
rs6477694
rs12566985
rs17024393
rs12446632
rs2650492
rs16951275
rs7138803
rs12401738
rs1558902
rs10968576
rs10938397
rs17094222
rs10132280
rs29941
rs7141420
rs2207139
rs6804842
rs2365389
rs11847697
rs1928295
rs2245368
rs3101336
rs13078960
rs1000940
rs11126666
rs2287019
rs17405819
rs10733682
rs11727676
rs11191560
rs7903146
rs1516725
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_TG_pct_int_imputed.txt_adiposity_instruments.t

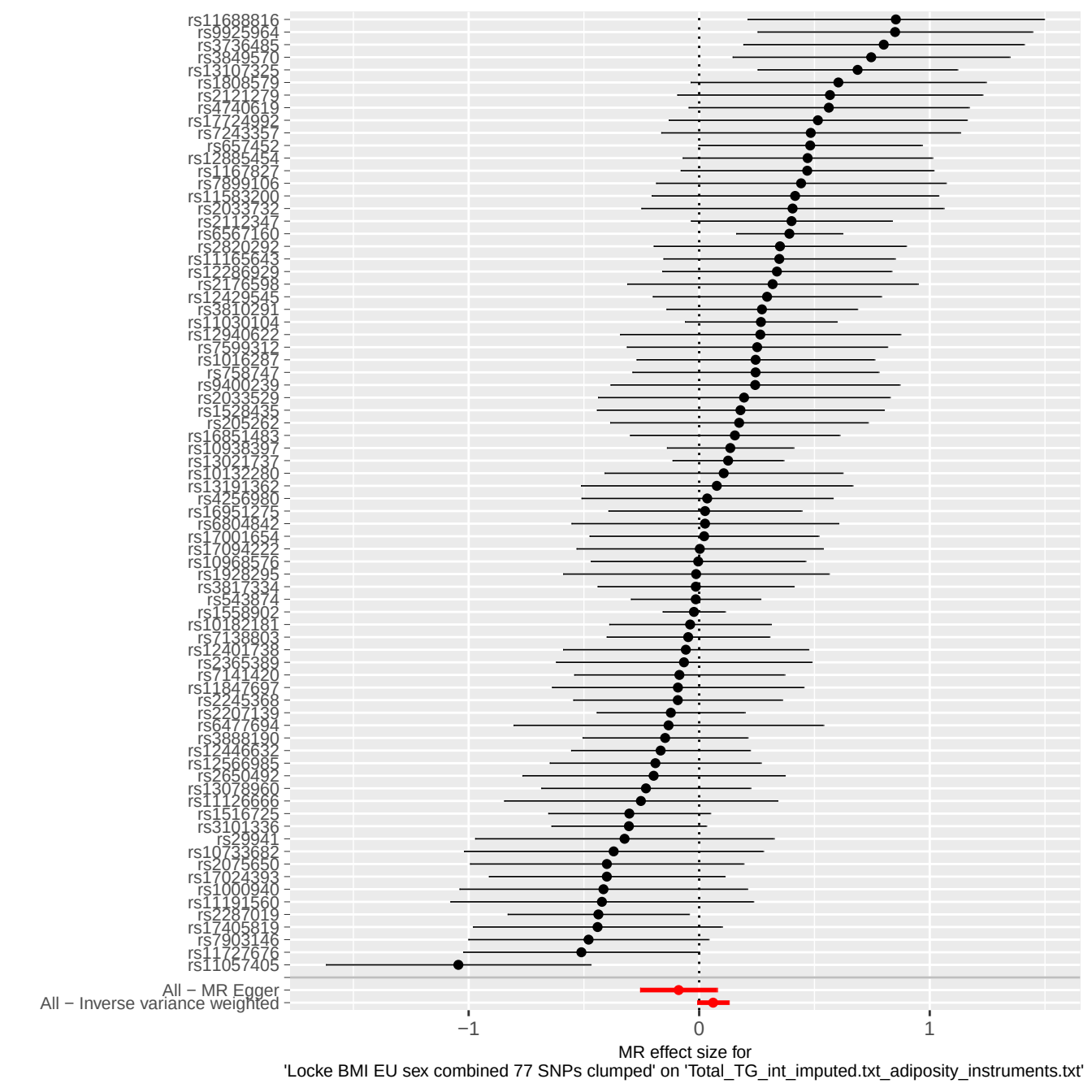

rs11688816
rs17724992
rs2121279
rs11191560
rs2287019
rs3736485
rs9400239
rs12401738
rs7903146
rs12885454
rs3810291
rs4740619
rs11165643
rs9925964
rs2033732
rs12429545
rs16951275
rs6804842
rs657452
rs2245368
rs7141420
rs10938397
rs758747
rs11030104
rs10132280
rs1928295
rs6567160
rs1808579
rs7138803
rs13191362
rs4256980
rs12286929
rs1016287
rs2033529
rs11847697
rs13021737
rs17001654
rs13107325
rs2650492
rs2820292
rs11583200
rs17094222
rs12940622
rs16851483
rs1516725
rs7599312
rs17405819
rs1558902
rs12446632
rs7899106
rs2207139
rs3888190
rs2365389
rs11727676
rs3101336
rs13078960
rs3817334
rs3849570
rs11057405
rs543874
rs10182181
rs1528435
rs12566985
rs7243357
rs11126666
rs2176598
rs10733682
rs205262
rs10968576
rs6477694
rs1167827
rs1000940
rs17024393
rs29941
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_P_int_imputed.txt_adiposity_instruments.txt'

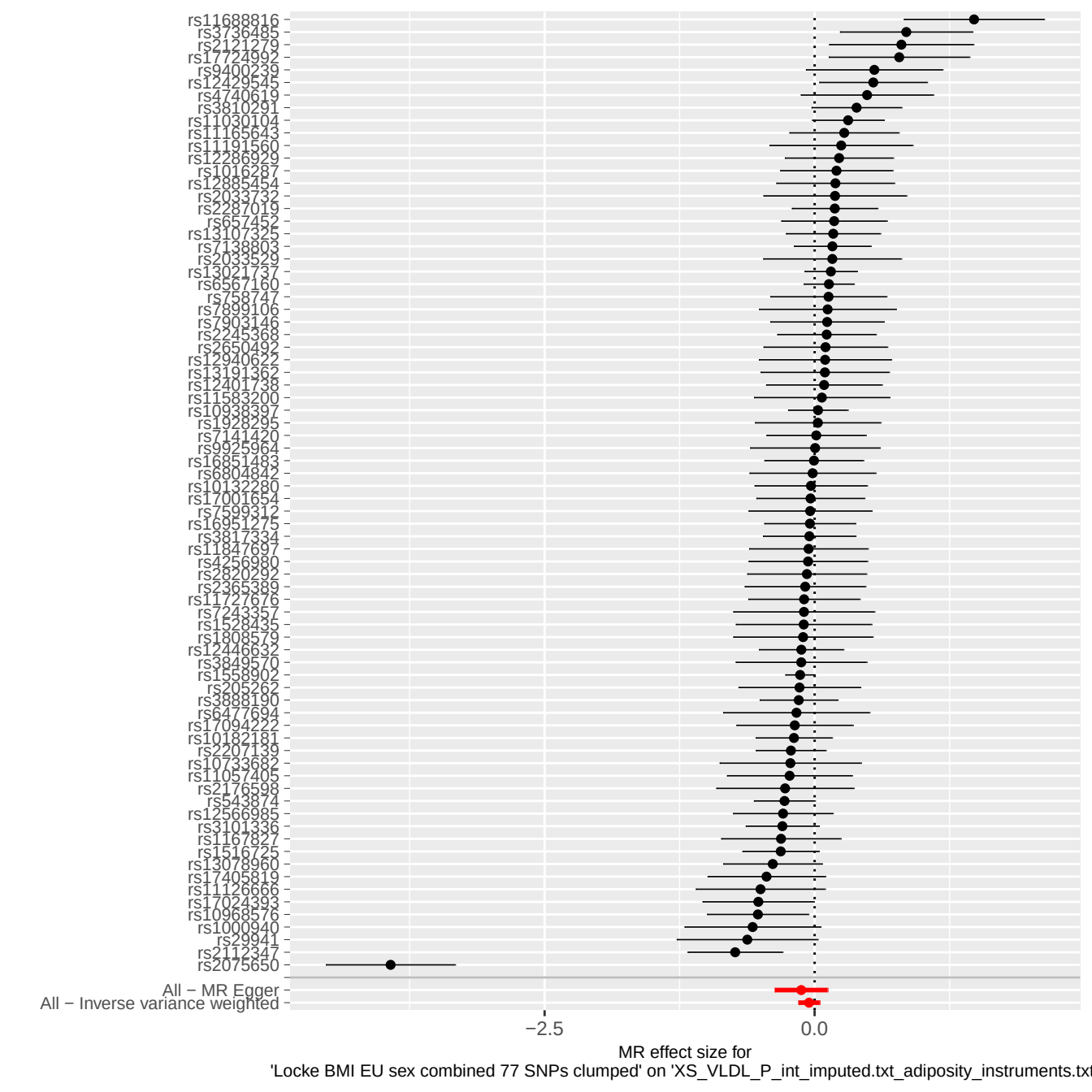

rs3736485
rs11688816
rs7243357
rs12429545
rs2121279
rs3810291
rs2033732
rs9400239
rs17724992
rs2176598
rs11165643
rs4740619
rs657452
rs758747
rs11583200
rs12885454
rs1516725
rs7138803
rs13021737
rs12940622
rs6567160
rs2820292
rs13191362
rs7903146
rs11030104
rs2245368
rs10938397
rs2650492
rs11057405
rs12286929
rs3849570
rs11727676
rs1558902
rs13107325
rs6477694
rs10733682
rs2033529
rs7899106
rs7589312
rs7141420
rs1528435
rs17001654
rs29941
rs10132280
rs11126666
rs6804842
rs11847697
rs1928295
rs16851483
rs1808579
rs3888190
rs1016287
rs2207139
rs1000940
rs13078960
rs4256980
rs17094222
rs3101336
rs12446632
rs2365389
rs2112347
rs543874
rs11191560
rs12566985
rs10968576
rs10182181
rs1167827
rs2075650
rs9925964
rs17024393
rs2287019
rs3817334
rs17405819
rs12401738
rs205262
rs16951275
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_TG_int_imputed.txt_adiposity_instruments.txt'

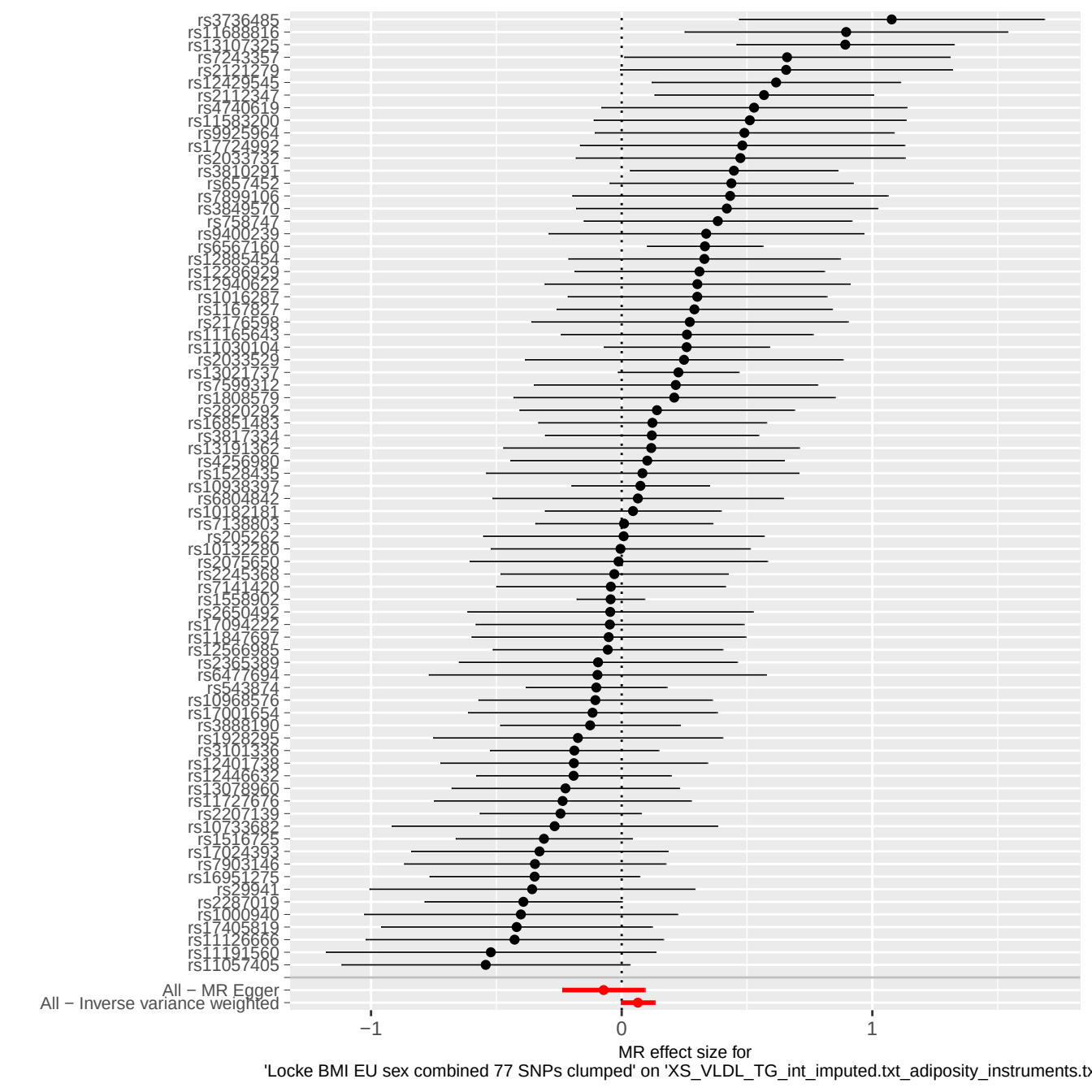

rs11688816
rs17724992
rs2121279
rs3736485
rs9925964
rs4740619
rs12885454
rs9400239
rs657452
rs11191560
rs11165643
rs3810291
rs11030104
rs1808579
rs6567160
rs12401738
rs16951275
rs12429545
rs2033732
rs3849570
rs13107325
rs2287019
rs12286929
rs7899106
rs11583200
rs10938397
rs758747
rs1016287
rs13191362
rs2820292
rs6804842
rs10132280
rs7138803
rs2245368
rs2033529
rs1928295
rs7141420
rs17001654
rs13021737
rs12940622
rs7599312
rs16851483
rs4256980
rs11847697
rs7903146
rs205262
rs12446632
rs17094222
rs1558902
rs1528435
rs3817334
rs2365389
rs2650492
rs1167827
rs3888190
rs7243357
rs2207139
rs2176598
rs10182181
rs543874
rs3101336
rs12566985
rs13078960
rs1516725
rs17405819
rs10968576
rs6477694
rs11727676
rs11126666
rs10733682
rs17024393
rs29941
rs1000940
rs2112347
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_PL_int_imputed.txt_adiposity_instruments.txt'

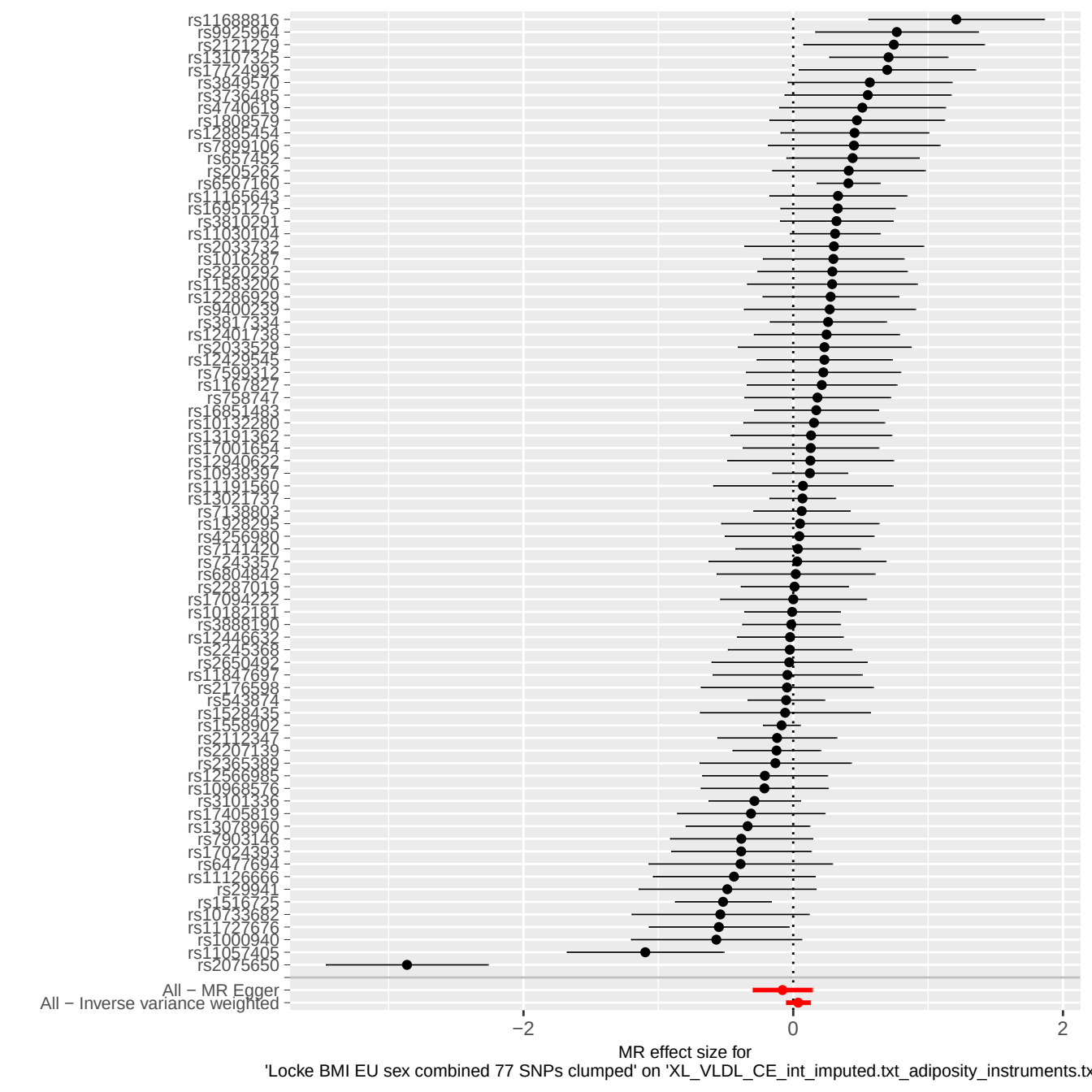

rs2287019
rs11847697
rs13107325
rs758747
rs17405819
rs1016287
rs11583200
rs7903146
rs12566985
rs3817334
rs2650492
rs11057405
rs7599312
rs657452
rs2245368
rs12885454
rs7138803
rs10182181
rs7243357
rs7141420
rs205262
rs17724992
rs7899106
rs1928295
rs11191560
rs4256980
rs16951275
rs6804842
rs3101336
rs12401738
rs11030104
rs13191362
rs13078960
rs17094222
rs3888190
rs2121279
rs11727676
rs17024393
rs13021737
rs2365389
rs10938397
rs12286929
rs11688816
rs543874
rs29941
rs17001654
rs9400239
rs3736485
rs12428545
rs1558902
rs12446632
rs2112347
rs6567160
rs1000940
rs11126666
rs3810291
rs1808579
rs2820292
rs2033529
rs2176598
rs2207139
rs10733682
rs10968576
rs11165643
rs16851483
rs1516725
rs4740619
rs12940622
rs1528435
rs9925964
rs2033732
rs1167827
rs10132280
rs6477694
rs3849570
rs2075650
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_C_pct_int_imputed.txt_adiposity_instruments

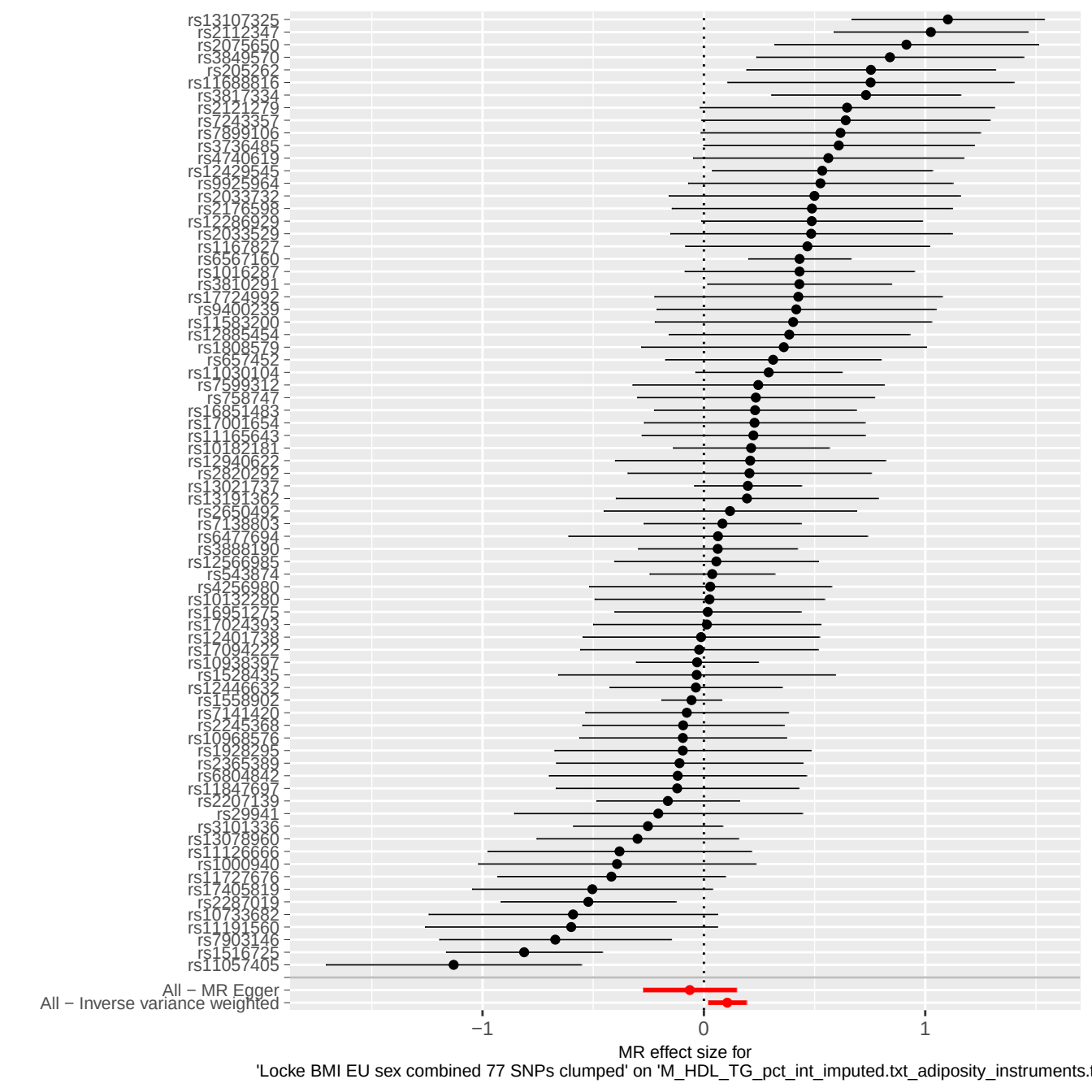

rs2075650
rs11057405
rs1516725
rs11727676
rs7903146
rs10733682
rs11126666
rs1000940
rs29941
rs3736485
rs7138803
rs11847697
rs7243357
rs6477694
rs13078960
rs2245368
rs11191560
rs7141420
rs2650492
rs1558902
rs3101336
rs1928295
rs12940622
rs2365389
rs12429545
rs17405819
rs2207139
rs2287019
rs6804842
rs10938397
rs10132280
rs1528435
rs13021737
rs3888190
rs11165643
rs12566985
rs758747
rs9400239
rs12446632
rs2033529
rs10968576
rs3810291
rs17024393
rs17001654
rs17094222
rs16851483
rs11688816
rs2176598
rs543874
rs13191362
rs4256980
rs11030104
rs2820292
rs2033732
rs12885454
rs2121279
rs17724992
rs10182181
rs1016287
rs6567160
rs657452
rs11583200
rs7599312
rs4740619
rs12401738
rs1167827
rs12286929
rs7899106
rs16951275
rs1808579
rs2112347
rs205262
rs3817334
rs9925964
rs3849570
rs13107325
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'HDL_size_int_imputed.txt_adiposity_instruments.txt'

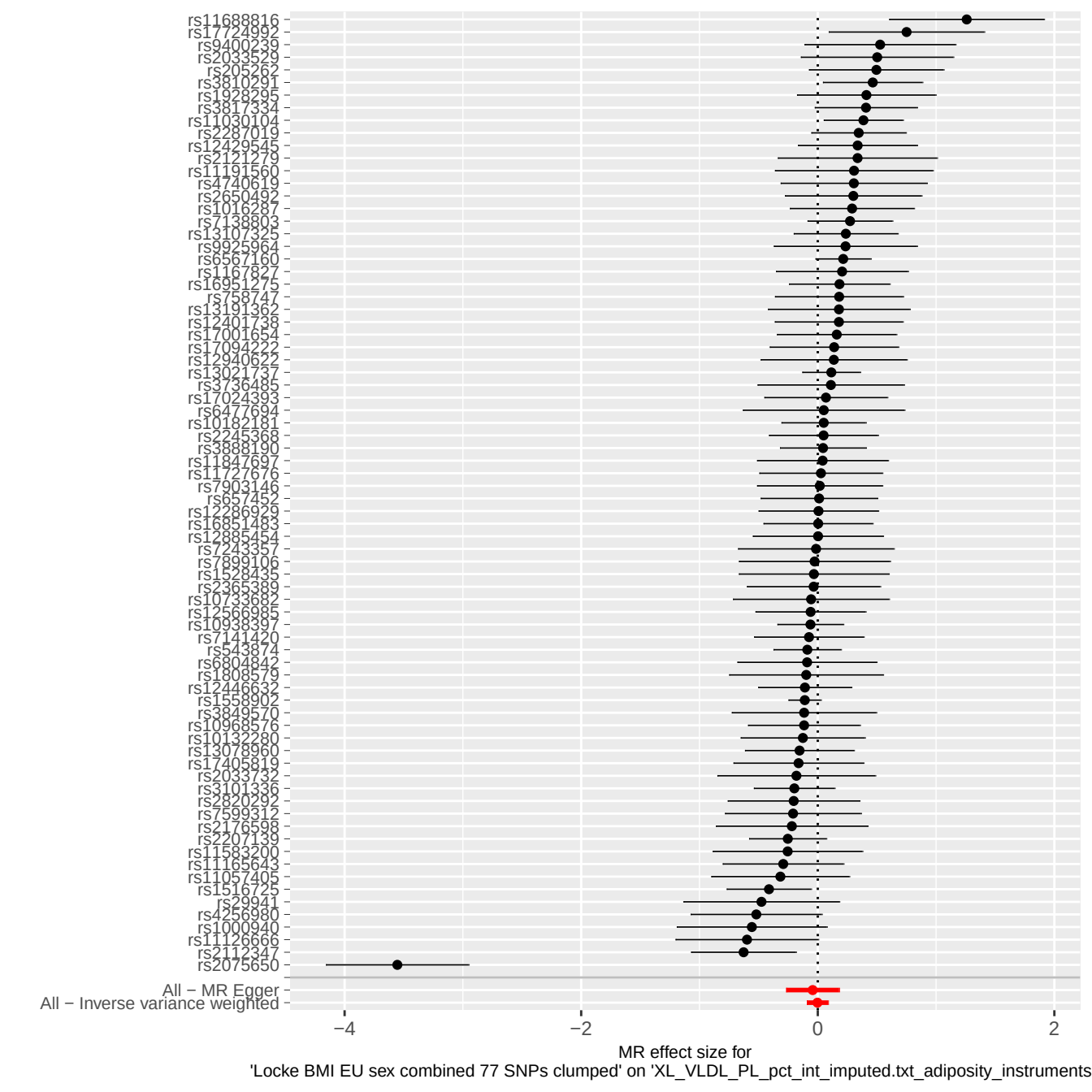

rs11688816
rs9925964
rs3736485
rs3849570
rs13107325
rs1808579
rs2121279
rs4740619
rs17724992
rs7243357
rs657452
rs12885454
rs1167827
rs7899106
rs11583200
rs2033732
rs2112347
rs6567160
rs2820292
rs11165643
rs12286929
rs2176598
rs12429545
rs3810291
rs11030104
rs12940622
rs7599312
rs1016287
rs758747
rs9400239
rs2033529
rs1528435
rs205262
rs16851483
rs10938397
rs13021737
rs10132280
rs13191362
rs4256980
rs16951275
rs6804842
rs17001654
rs17094222
rs10968576
rs1928295
rs3817334
rs543874
rs1558902
rs10182181
rs7138803
rs12401738
rs2365389
rs7141420
rs11847697
rs2245368
rs2207139
rs6477694
rs3888190
rs12446632
rs12566985
rs2650492
rs13078960
rs11126666
rs1516725
rs3101336
rs29941
rs10733682
rs2075650
rs17024393
rs1000940
rs11191560
rs2287019
rs17405819
rs7903146
rs11727676
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Total_TG_int_imputed.txt_adiposity_instruments.txt'

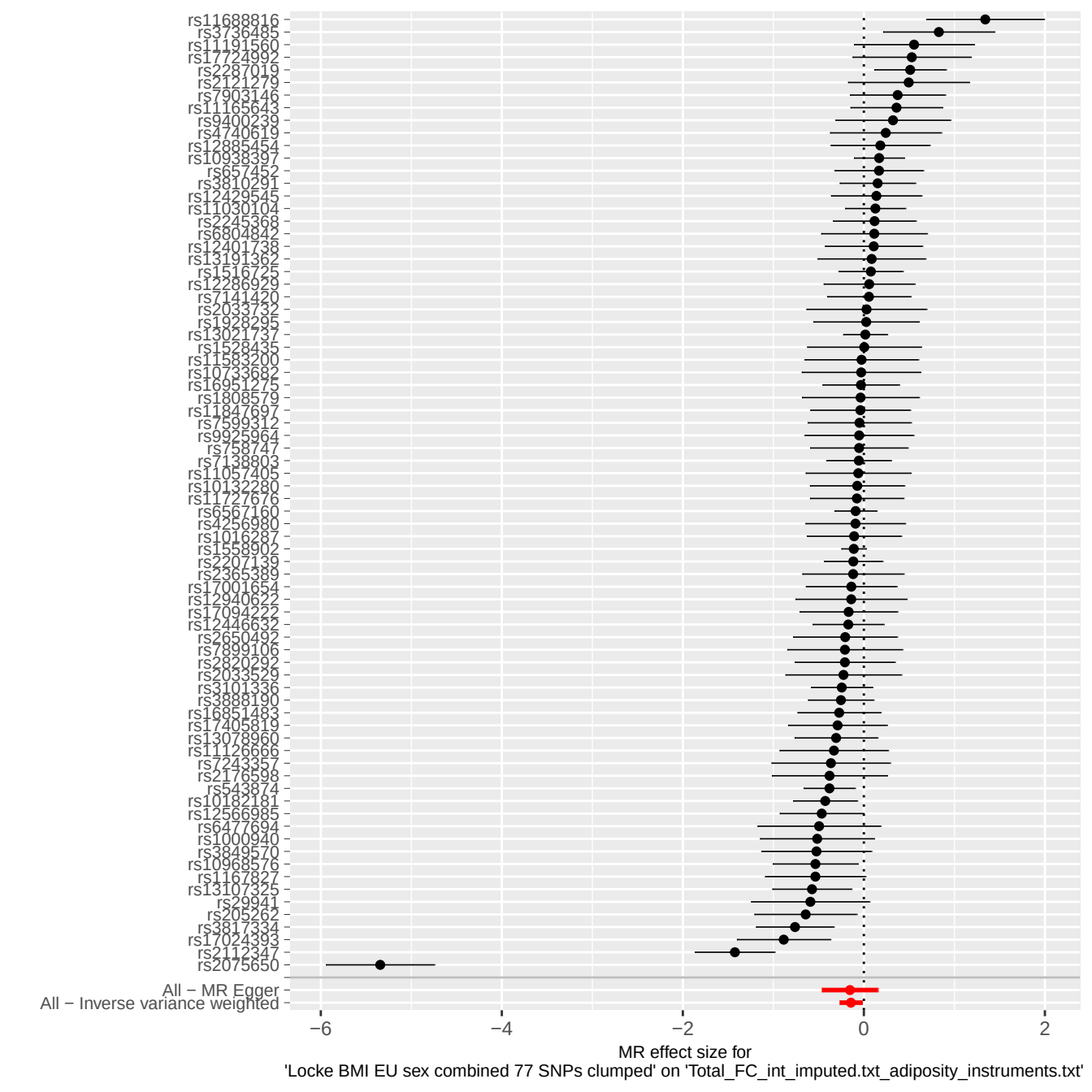

rs11688816
rs3736485
rs2112279
rs17724992
rs9400239
rs12429545
rs4740619
rs3810291
rs11030104
rs11165643
rs11191560
rs12286929
rs1016287
rs12885454
rs2033732
rs2287019
rs657452
rs13107325
rs7138803
rs2033529
rs13021737
rs6567160
rs758747
rs7899106
rs7903146
rs2245368
rs2650492
rs12940622
rs13191362
rs12401738
rs11583200
rs10938397
rs1928295
rs7141420
rs9925964
rs16851483
rs6804842
rs10132280
rs17001654
rs7599312
rs16951275
rs3817334
rs11847697
rs4256980
rs2820292
rs2365389
rs11727676
rs7243357
rs1528435
rs1808579
rs12446632
rs3849570
rs1558902
rs205262
rs3888190
rs6477694
rs17094222
rs10182181
rs2207139
rs10733682
rs11057405
rs2176598
rs543874
rs12566985
rs3101336
rs1167827
rs1516725
rs13078960
rs17405819
rs11126666
rs17024393
rs10968576
rs1000940
rs29941
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_P_int_imputed.txt_adiposity_instruments.txt

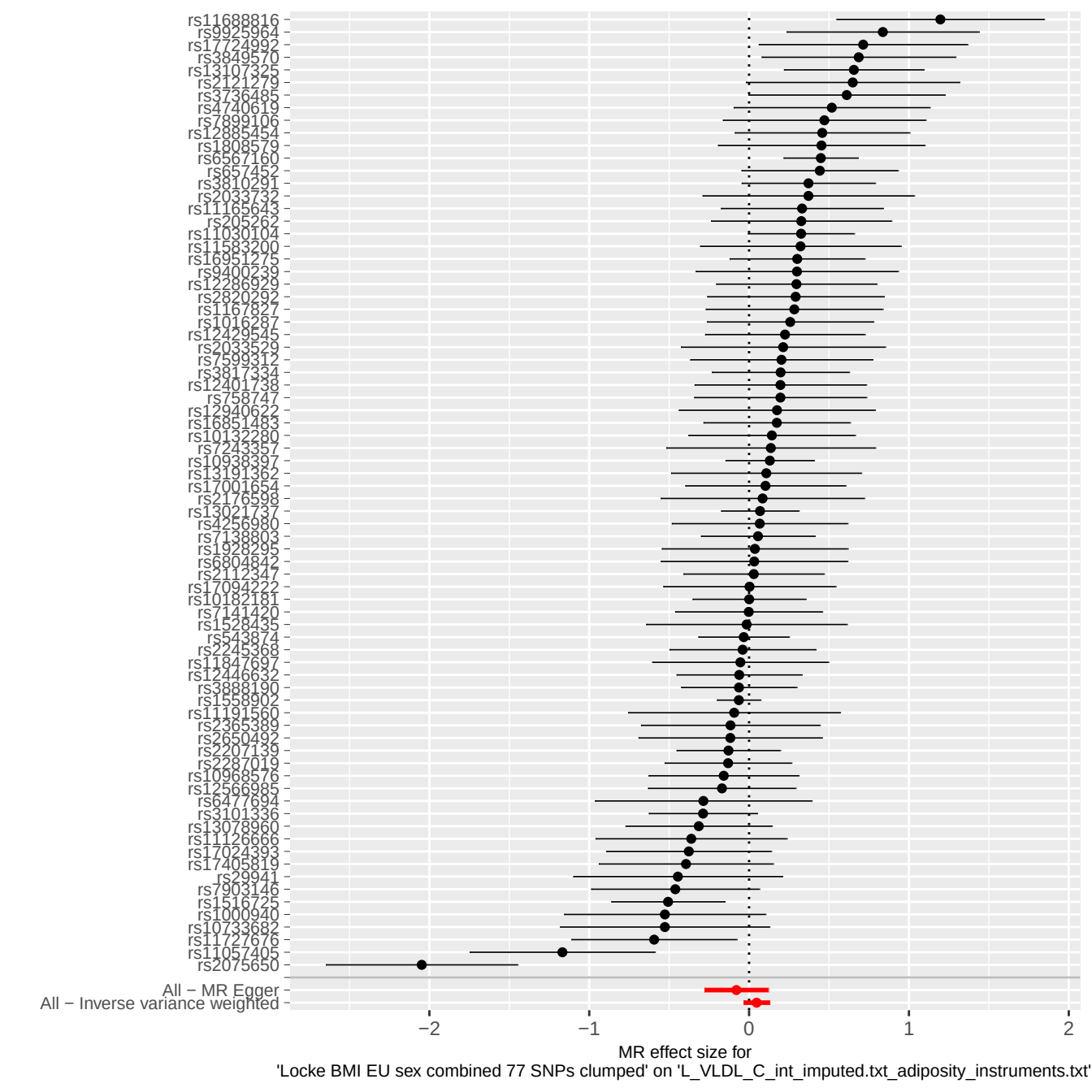

rs3736485
rs11688816
rs13107325
rs7243357
rs2121279
rs12429545
rs2112347
rs4740619
rs11583200
rs9925964
rs17724992
rs2033732
rs3810291
rs657452
rs7899106
rs3849570
rs758747
rs9400239
rs6567160
rs12885454
rs12286929
rs12940622
rs1016287
rs1167827
rs2176598
rs11165643
rs11030104
rs2033529
rs13021737
rs7599312
rs1808579
rs2820292
rs16851483
rs3817334
rs13191362
rs4256980
rs1528435
rs10938397
rs6804842
rs10182181
rs7138803
rs205262
rs10132280
rs2075650
rs2245368
rs7141420
rs1558902
rs2650492
rs17094222
rs11847697
rs12566985
rs2365389
rs6477694
rs543874
rs10968576
rs17001654
rs3888190
rs1928295
rs3101336
rs12401738
rs12446632
rs13078960
rs11727676
rs2207139
rs10733682
rs1516725
rs17024393
rs7903146
rs16951275
rs29941
rs2287019
rs1000940
rs17405819
rs11126666
rs11191560
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_TG_int_imputed.txt_adiposity_instruments.tx

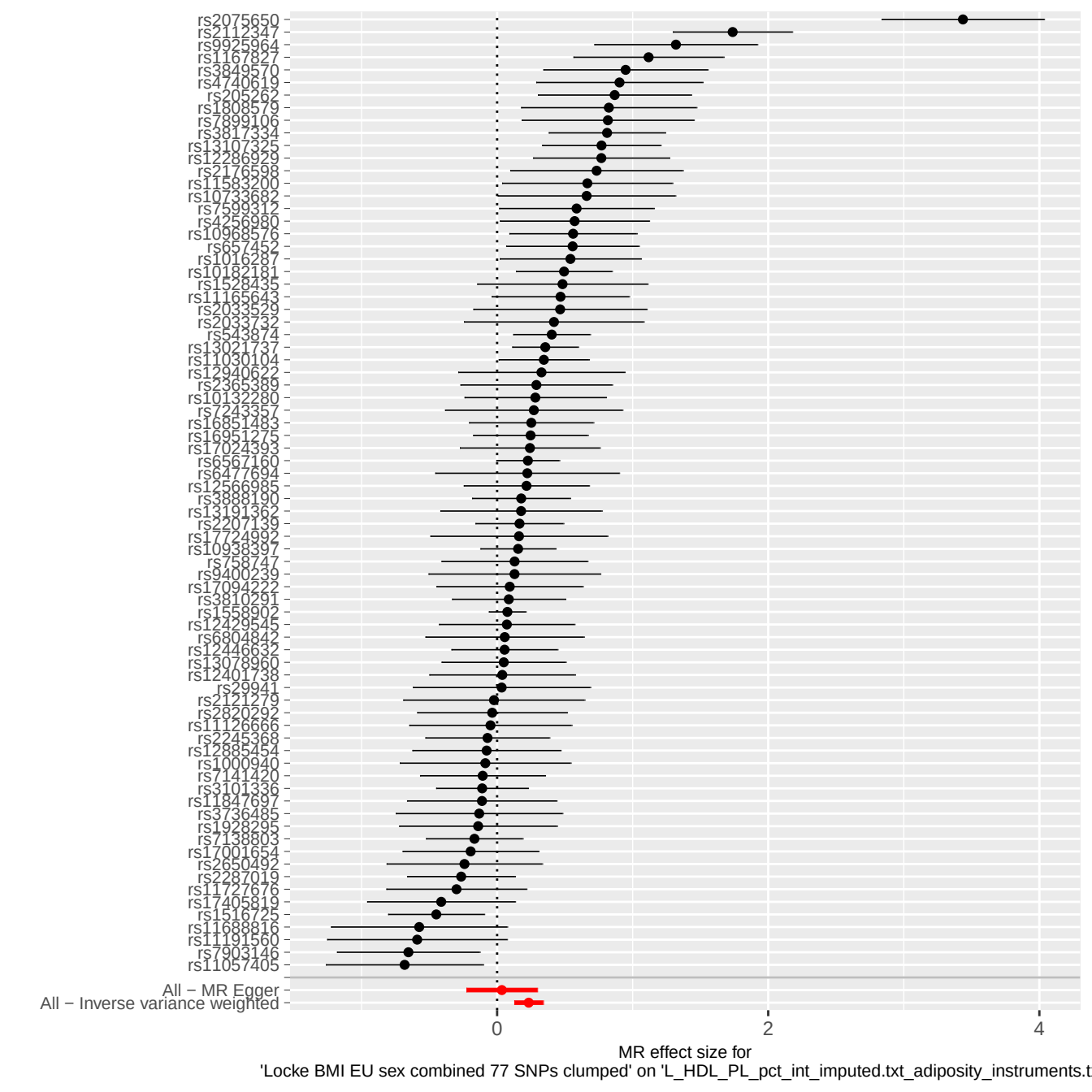

rs11688816
rs9925964
rs2121279
rs13107325
rs17724992
rs3849570
rs3736485
rs4740619
rs1808579
rs12885454
rs7899106
rs657452
rs205262
rs6567160
rs11165643
rs16951275
rs3810291
rs11030104
rs2033732
rs1016287
rs2820292
rs11583200
rs12286929
rs9400239
rs3817334
rs12401738
rs2033529
rs12429545
rs7599312
rs1167827
rs758747
rs16851483
rs10132280
rs13191362
rs17001654
rs12940622
rs10938397
rs11191560
rs13021737
rs7138803
rs1928295
rs4256980
rs7141420
rs7243357
rs6804842
rs2287019
rs17094222
rs10182181
rs3888190
rs12446632
rs2245368
rs2650492
rs11847697
rs2176598
rs543874
rs1528435
rs1558902
rs2112347
rs2207139
rs2365389
rs12566985
rs10968576
rs3101336
rs17405819
rs13078960
rs7903146
rs17024393
rs6477694
rs11126666
rs29941
rs1516725
rs10733682
rs11727676
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_CE_int_imputed.txt_adiposity_instruments.tx

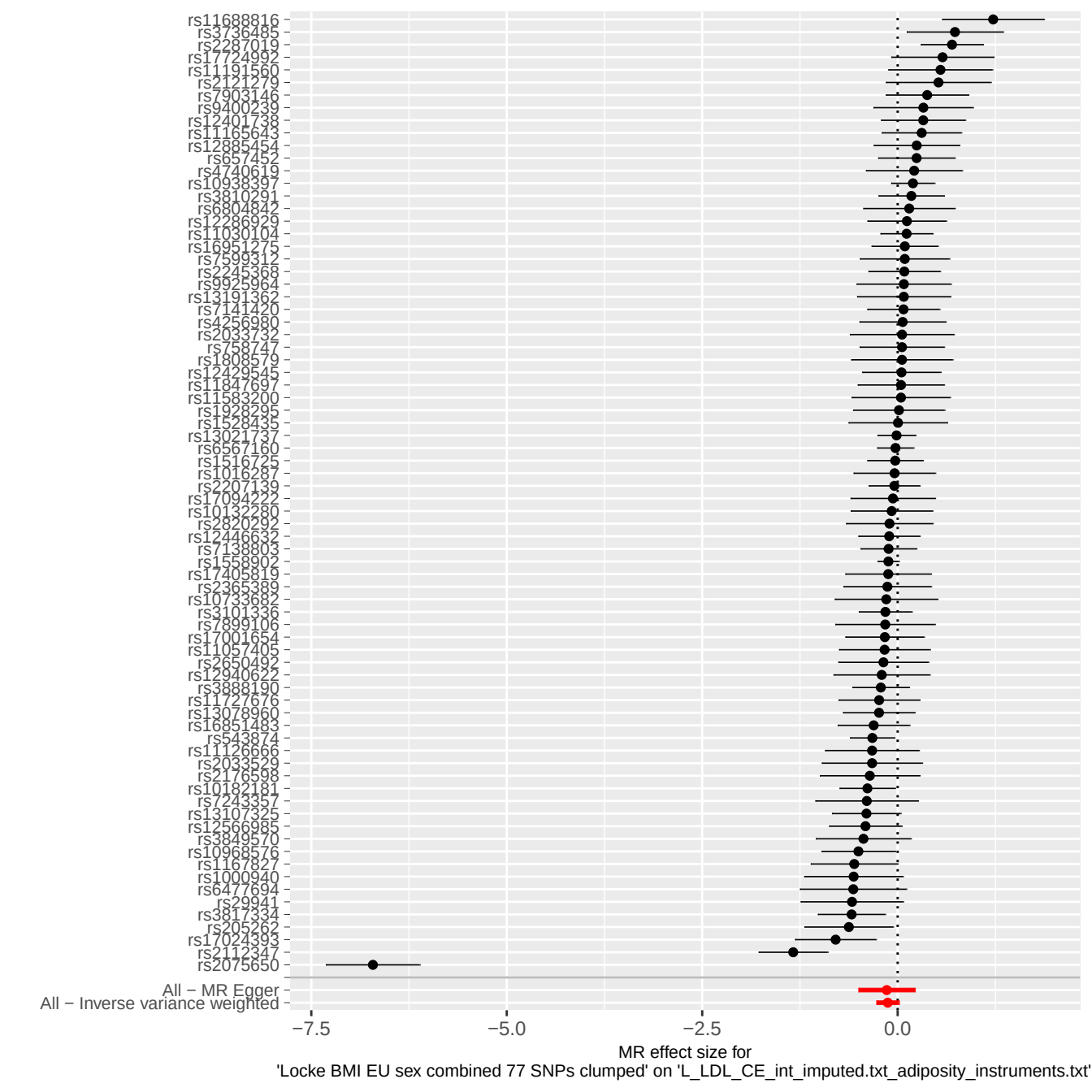

rs13107325
rs2112347
rs2075650
rs3849570
rs205262
rs11688816
rs3817334
rs2121279
rs7243357
rs7899106
rs3736485
rs4740619
rs12429545
rs9925964
rs2033732
rs2176598
rs12286929
rs2033529
rs1167827
rs6567160
rs1016287
rs3810291
rs17724992
rs9400239
rs11583200
rs12885454
rs1808579
rs657452
rs11030104
rs7599312
rs758747
rs16851483
rs17001654
rs11165643
rs10182181
rs12940622
rs2820292
rs13021737
rs13191362
rs2650492
rs7138803
rs6477694
rs3888190
rs12566985
rs543874
rs4256980
rs10132280
rs16951275
rs17024393
rs12401738
rs17094222
rs10938397
rs1528435
rs12446632
rs1558902
rs7141420
rs2245368
rs10968576
rs1928295
rs2365389
rs6804842
rs11847697
rs2207139
rs29941
rs3101336
rs13078960
rs11126666
rs1000940
rs11727676
rs17405819
rs2287019
rs10733682
rs11191560
rs7903146
rs1516725
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_TG_pct_int_imputed.txt_adiposity_instruments.t

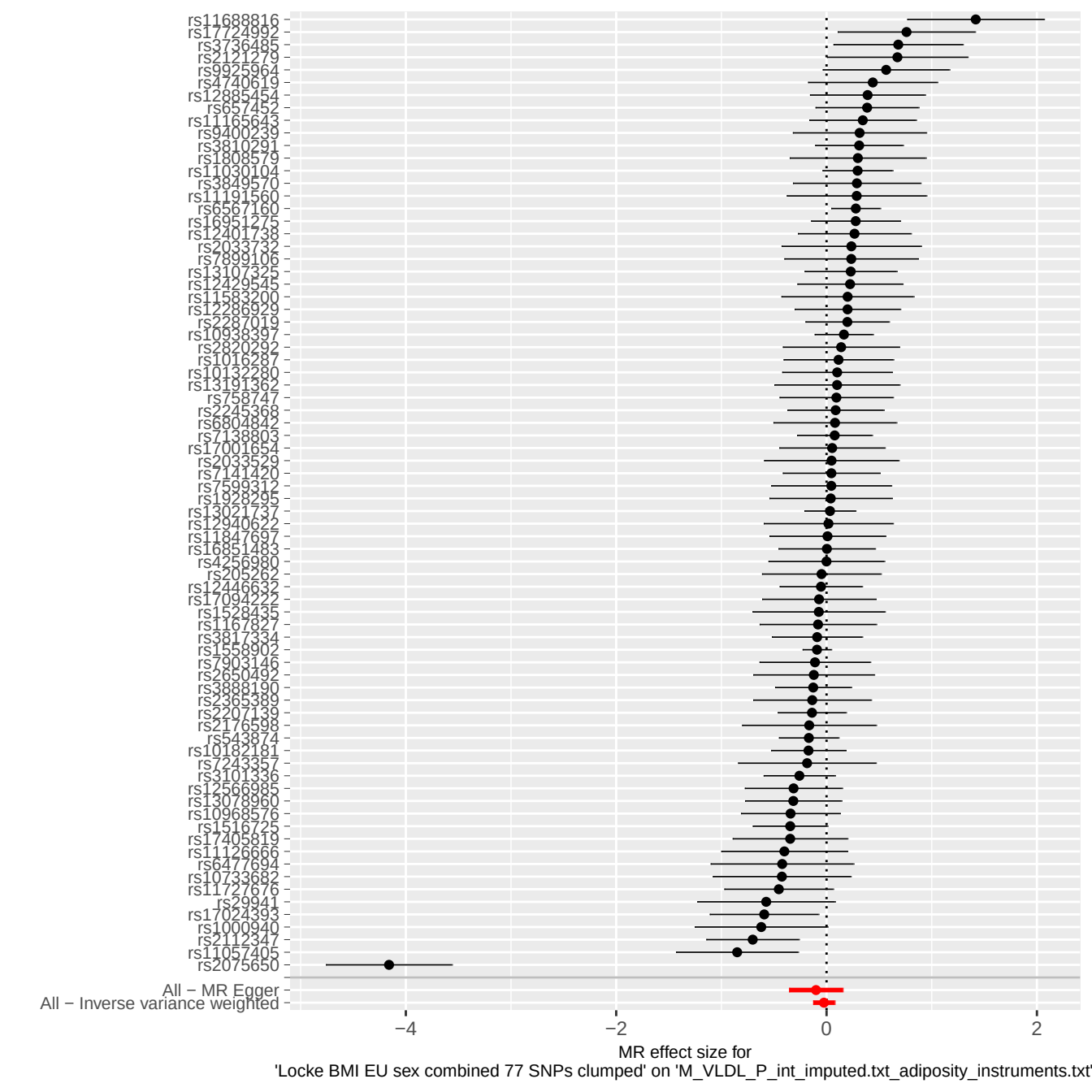

rs11688816
rs17724992
rs9400239
rs2033529
rs205262
rs3810291
rs1928295
rs3817334
rs11030104
rs2287019
rs12429545
rs2121279
rs11191560
rs4740619
rs2650492
rs1016287
rs7138803
rs13107325
rs9925964
rs6567160
rs1167827
rs16951275
rs758747
rs13191362
rs12401738
rs17001654
rs17094222
rs12940622
rs13021737
rs3736485
rs17024393
rs6477694
rs10182181
rs2245368
rs3888190
rs11847697
rs11727676
rs7903146
rs657452
rs12286029
rs16851483
rs12885454
rs7243357
rs7899106
rs1528435
rs2365389
rs10733682
rs12566985
rs10938397
rs7141420
rs543874
rs6804842
rs1808579
rs12446632
rs1558902
rs3849570
rs10968576
rs10132280
rs13078960
rs17405819
rs2033732
rs3101336
rs2820292
rs7599312
rs2176598
rs2207139
rs11583200
rs11165643
rs11057405
rs1516725
rs29941
rs4256980
rs1000940
rs11126666
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_PL_pct_int_imputed.txt_adiposity_instruments

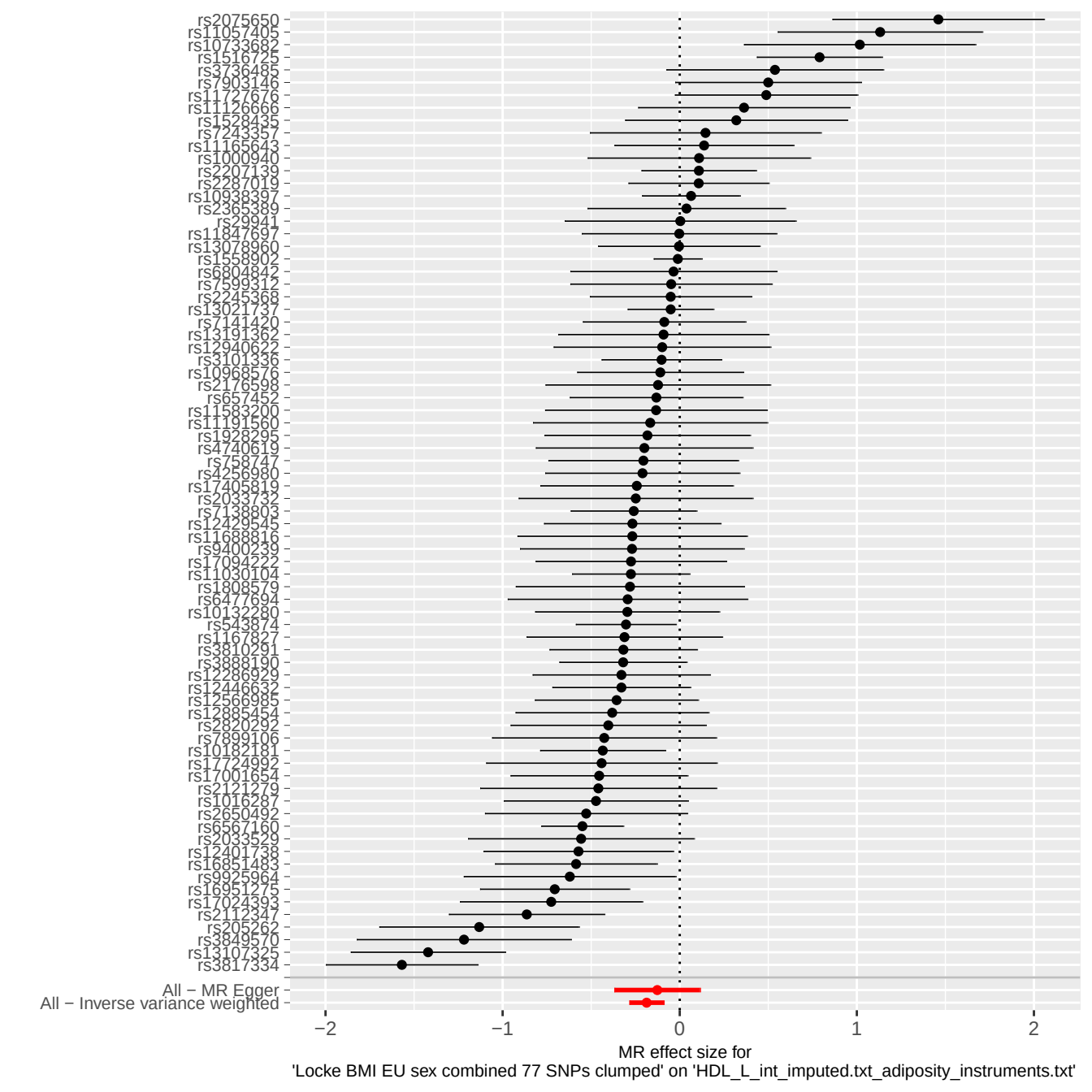

rs11688816
rs3736485
rs11191560
rs17724992
rs2287019
rs2121279
rs7903146
rs11165643
rs9400239
rs4740619
rs12885454
rs10938397
rs657452
rs3810291
rs12429545
rs11030104
rs2245368
rs6804842
rs12401738
rs13191362
rs1516725
rs12286929
rs7141420
rs2033732
rs1928295
rs13021737
rs1528435
rs11583200
rs10733682
rs16951275
rs1808579
rs11847697
rs7599312
rs9925964
rs758747
rs7138803
rs11057405
rs10132280
rs11727676
rs6567160
rs4256980
rs1016287
rs1558902
rs2207139
rs2365389
rs17001654
rs12940622
rs17094222
rs12446632
rs2650492
rs7899106
rs2820292
rs2033529
rs3101336
rs3888190
rs16851483
rs17405819
rs13078960
rs11126666
rs7243357
rs2176598
rs543874
rs10182181
rs12566985
rs6477694
rs1000940
rs3849570
rs10968576
rs1167827
rs13107325
rs29941
rs205262
rs3817334
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Total_FC_int_imputed.txt_adiposity_instruments.txt'

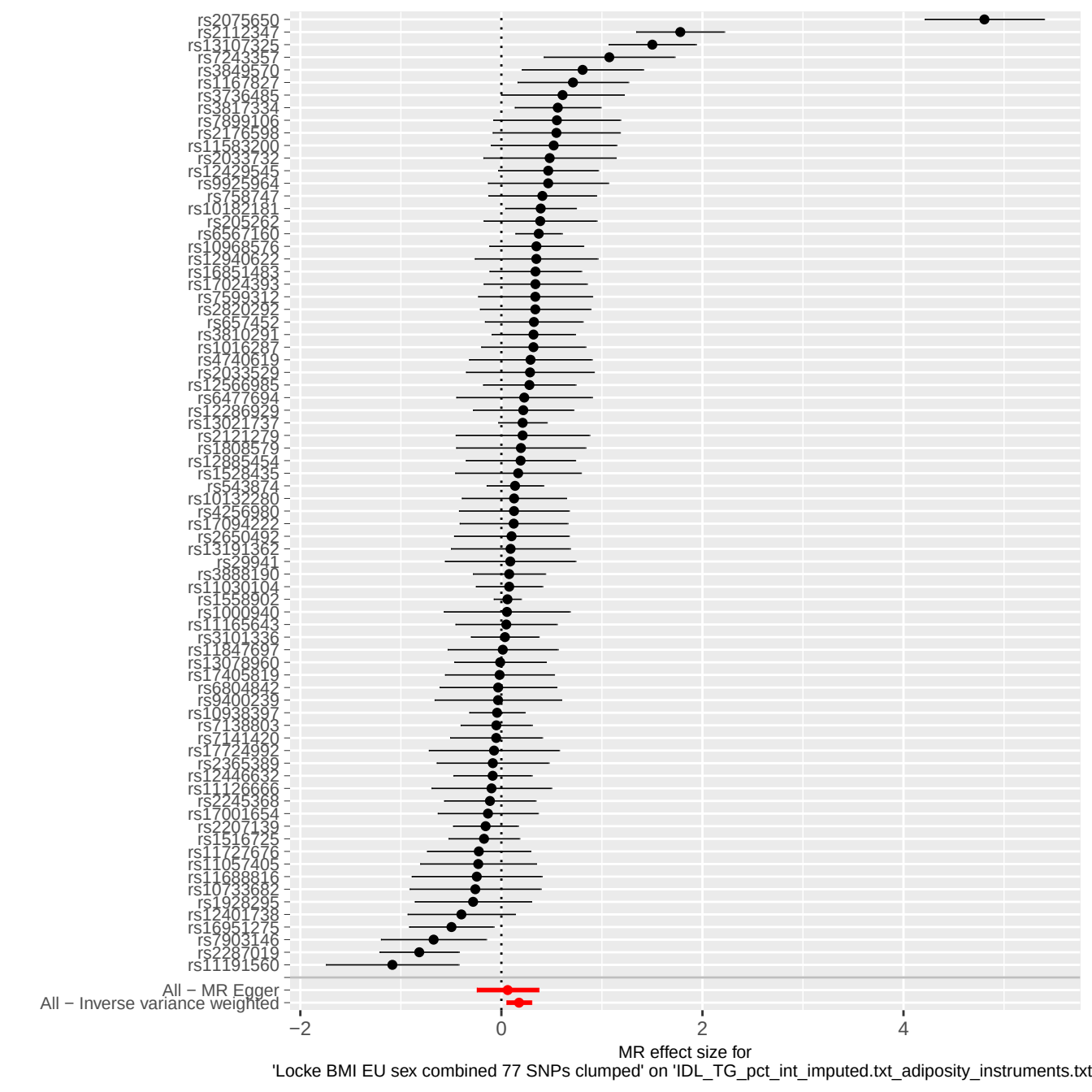

rs11688816
rs9925964
rs17724992
rs3849570
rs13107325
rs2121279
rs3736485
rs4740619
rs7899106
rs12885454
rs1808579
rs6567160
rs657452
rs3810291
rs2033732
rs11165643
rs205262
rs11030104
rs11583200
rs16951275
rs9400239
rs12286929
rs2820292
rs1167827
rs1016287
rs12429545
rs2033529
rs7599312
rs3817334
rs12401738
rs758747
rs12940622
rs16851483
rs10132280
rs7243357
rs10938397
rs13191362
rs17001654
rs2176598
rs13021737
rs4256980
rs7138803
rs1928295
rs6804842
rs2112347
rs17094222
rs10182181
rs7141420
rs1528435
rs543874
rs2245368
rs11847697
rs12446632
rs3888190
rs1558902
rs11191560
rs2365389
rs2650492
rs2207139
rs2287019
rs10968576
rs12566985
rs6477694
rs3101336
rs13078960
rs11126666
rs17024393
rs17405819
rs29941
rs7903146
rs1516725
rs1000940
rs10733682
rs11727676
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_C_int_imputed.txt_adiposity_instruments.txt'

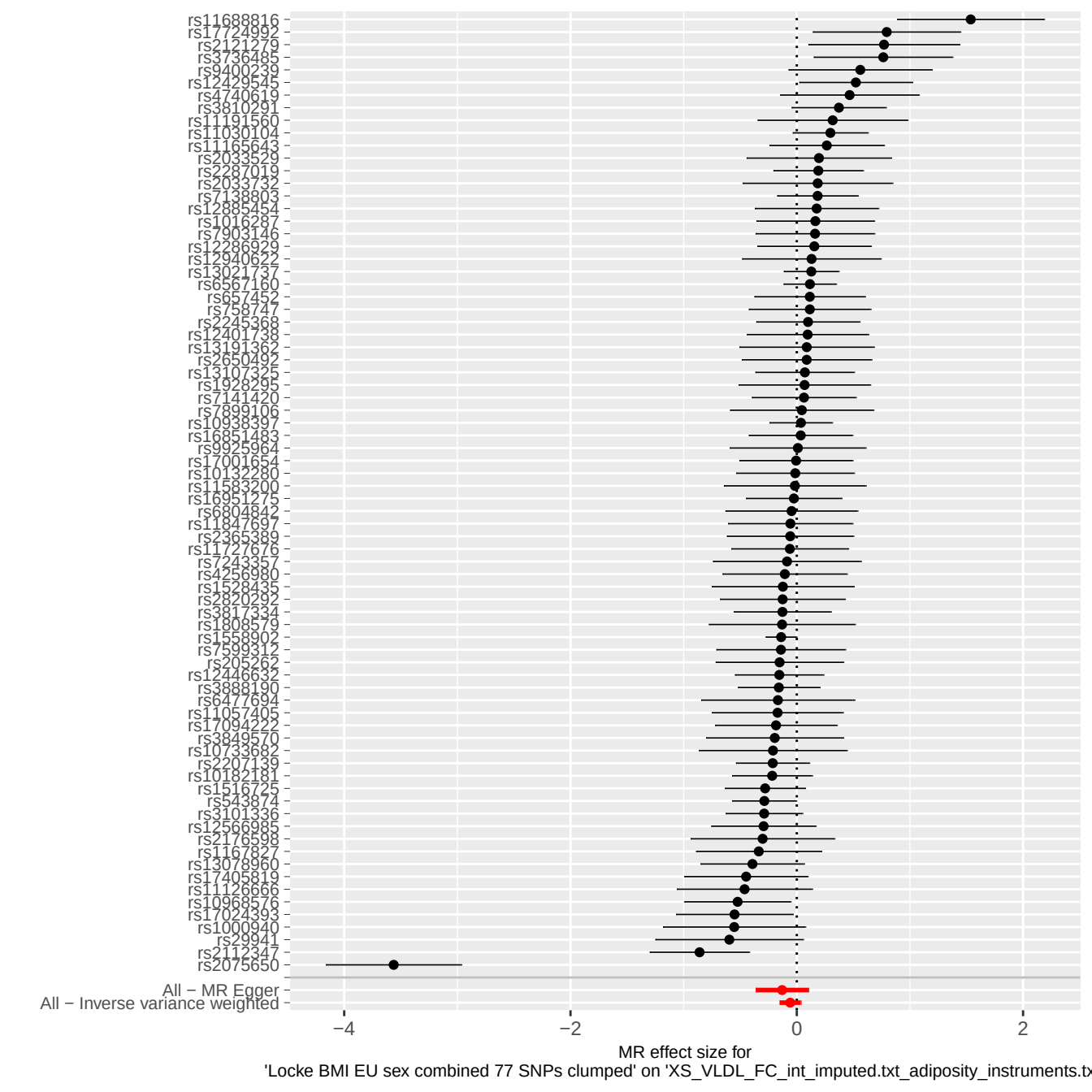

rs2075650
rs2112347
rs9925964
rs11167827
rs3849570
rs4740619
rs205262
rs1808579
rs7899106
rs3817334
rs13107325
rs12286929
rs2176598
rs11583200
rs10733682
rs7599312
rs4256980
rs10968576
rs657452
rs1016287
rs10182181
rs1528435
rs11165643
rs2033529
rs2033732
rs543874
rs13021737
rs11030104
rs12940622
rs2365389
rs10132280
rs7243357
rs16851483
rs16951275
rs17024393
rs6567160
rs6477694
rs12566985
rs3888190
rs13191362
rs2207139
rs17724992
rs10938397
rs758747
rs9400239
rs17094222
rs3810291
rs1558902
rs12429545
rs6804842
rs12446632
rs13078960
rs12401738
rs29941
rs2121279
rs2820292
rs11126666
rs2245368
rs12885454
rs1000940
rs7141420
rs3101336
rs11847697
rs3736485
rs1928295
rs7138803
rs17001654
rs2650492
rs2287019
rs11727676
rs17405819
rs1516725
rs11688816
rs11191560
rs7903146
rs11057405
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_PL_pct_int_imputed.txt_adiposity_instruments.t

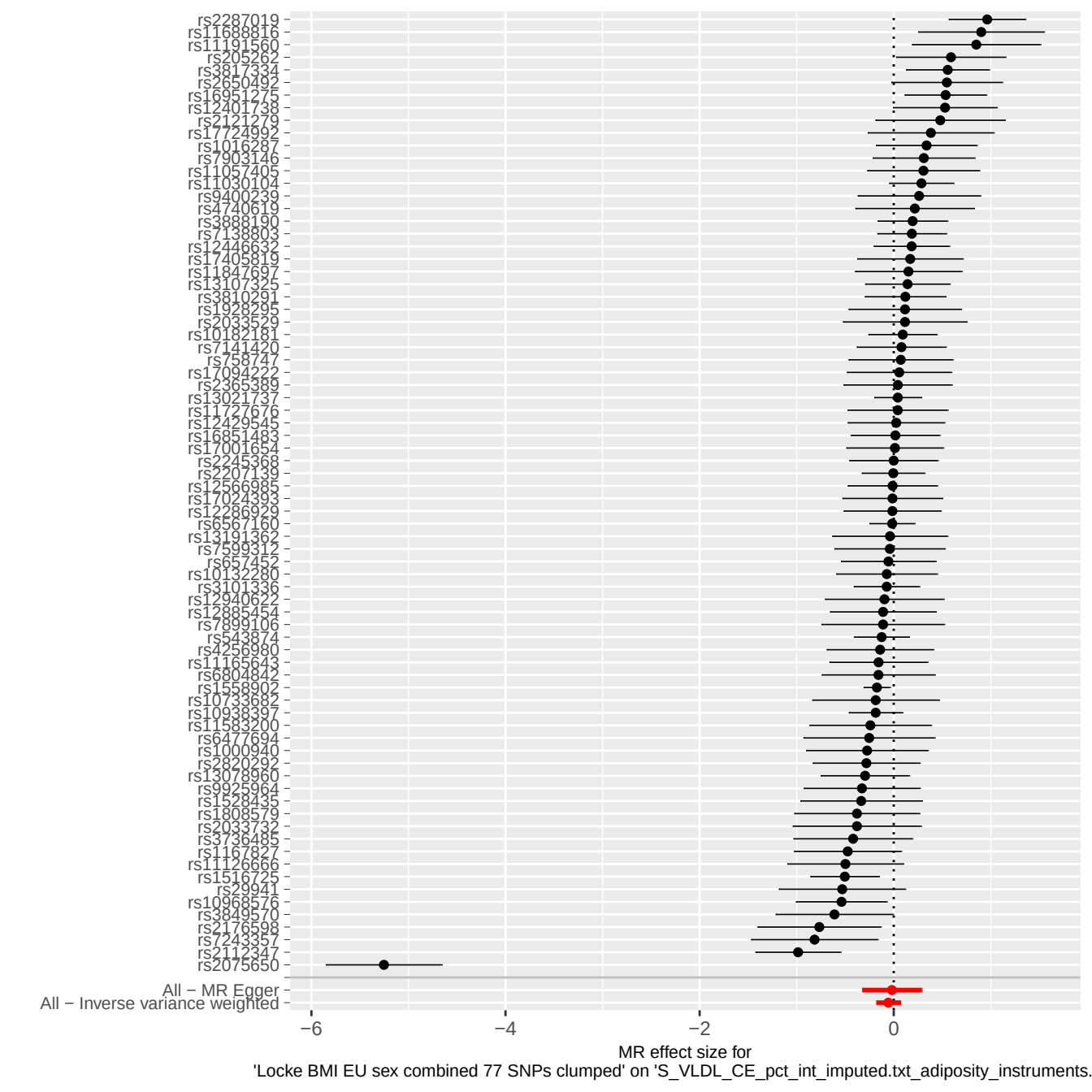

rs11688816
rs3736485
rs2287019
rs17724992
rs11191560
rs2121279
rs7903146
rs9400239
rs12401738
rs11165643
rs12885454
rs657452
rs4740619
rs10938397
rs3810291
rs6804842
rs12286929
rs11030104
rs16951275
rs7599312
rs2245368
rs9925964
rs13191362
rs7141420
rs4256980
rs2033732
rs758747
rs1808579
rs12429545
rs11847697
rs11583200
rs1928295
rs1528435
rs13021737
rs6567160
rs1516725
rs1016287
rs2207139
rs17094222
rs10132280
rs2820292
rs12446632
rs7138803
rs1558902
rs17405819
rs2365389
rs10733682
rs3101336
rs7899106
rs17001654
rs11057405
rs2650492
rs12940622
rs3888190
rs11727676
rs13078960
rs16851483
rs543874
rs11126666
rs2033529
rs2176598
rs10182181
rs7243357
rs13107325
rs12566985
rs3849570
rs10968576
rs1167827
rs1000940
rs6477694
rs29941
rs3817334
rs205262
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_CE_int_imputed.txt_adiposity_instruments.txt'

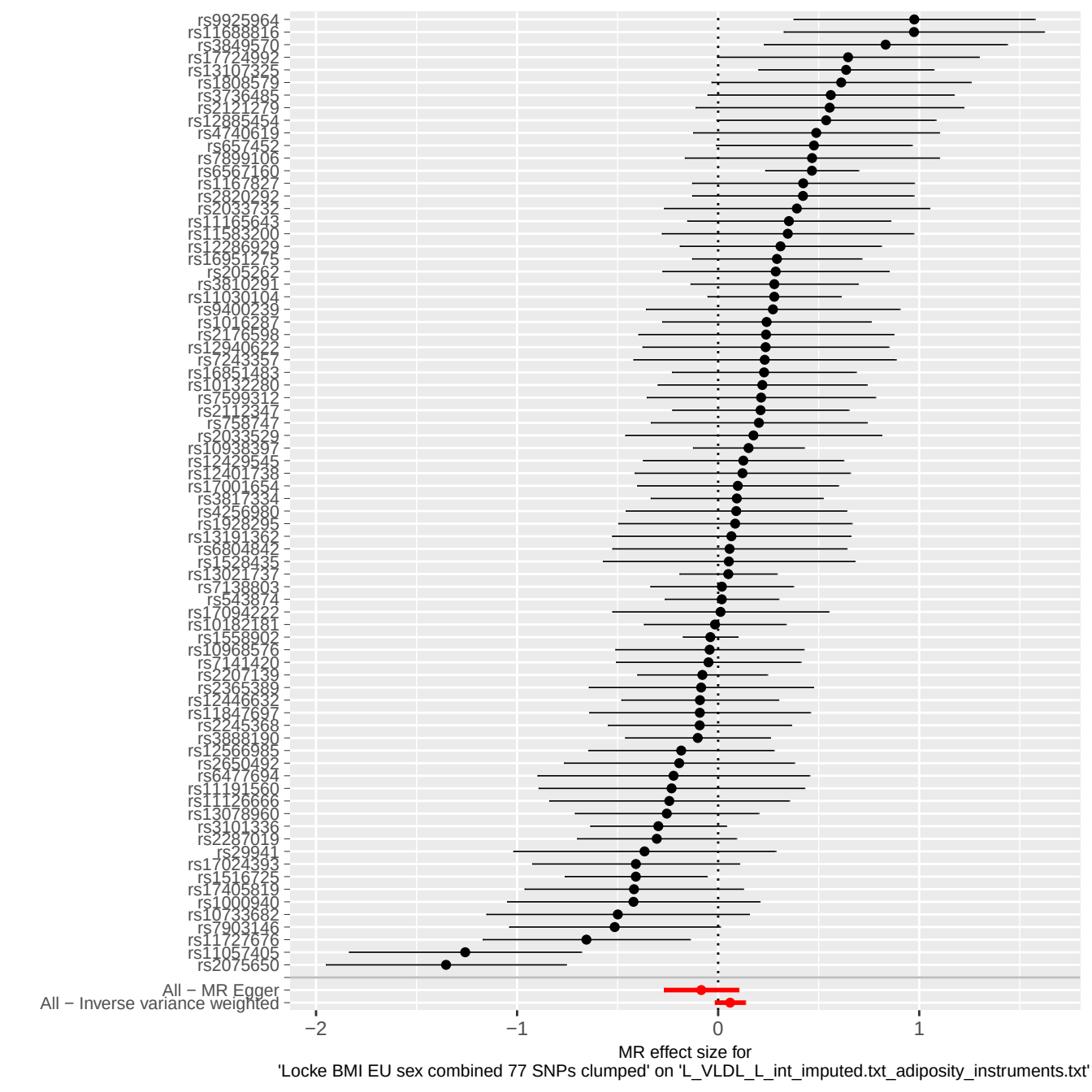

rs11688816
rs17724992
rs3736485
rs2121279
rs9925964
rs4740619
rs12885454
rs657452
rs11165643
rs9400239
rs3810291
rs1808579
rs11030104
rs3849570
rs11191560
rs6567160
rs16951275
rs12401738
rs2033732
rs7899106
rs13107325
rs12429545
rs11583200
rs12286929
rs2287019
rs10938397
rs2820292
rs1016287
rs10132280
rs13191362
rs758747
rs2245368
rs6804842
rs7138803
rs17001654
rs2033529
rs7141420
rs7599312
rs1928295
rs13021737
rs12940622
rs11847697
rs16851483
rs4256980
rs205262
rs12446632
rs17094222
rs1528435
rs1167827
rs3817334
rs1558902
rs7903146
rs2650492
rs3888190
rs2365389
rs2207139
rs2176598
rs543874
rs10182181
rs7243357
rs3101336
rs12566985
rs13078960
rs10968576
rs1516725
rs17405819
rs11126666
rs6477694
rs10733682
rs11727676
rs29941
rs17024393
rs1000940
rs2112347
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_P_int_imputed.txt_adiposity_instruments.txt'

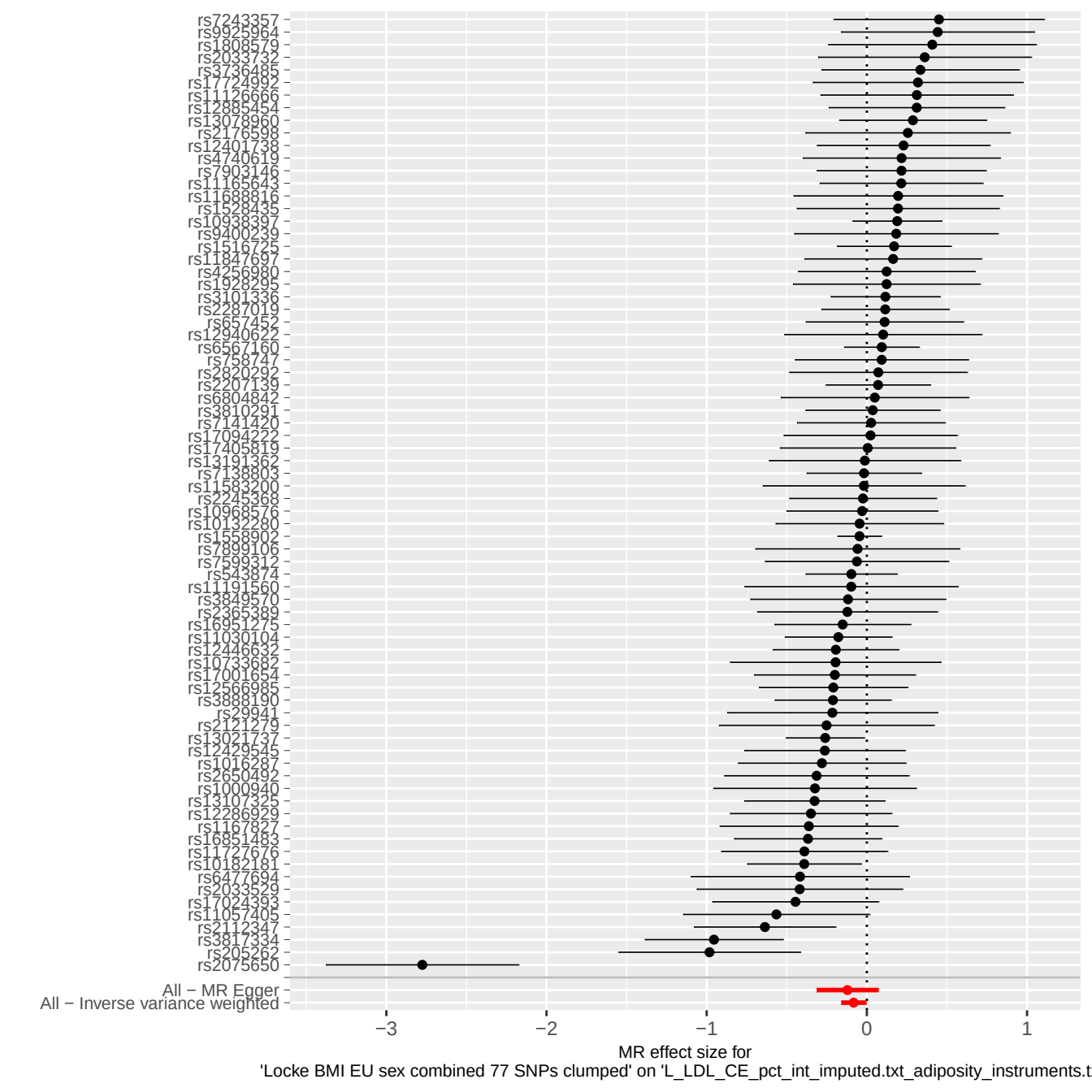

rs2075650
rs11057405
rs10733682
rs1516725
rs3736485
rs7903146
rs11727676
rs11126666
rs1528435
rs7243357
rs11165643
rs1000940
rs2207139
rs2287019
rs10938397
rs2365389
rs29941
rs11847697
rs13078960
rs1558902
rs6804842
rs7599312
rs2245368
rs13021737
rs7141420
rs13191362
rs12940622
rs3101336
rs10968576
rs2176598
rs657452
rs11583200
rs11191560
rs1928295
rs4740619
rs758747
rs4256980
rs17405819
rs2033732
rs7138803
rs12429545
rs11688816
rs9400239
rs17094222
rs11030104
rs1808579
rs6477694
rs10132280
rs543874
rs1167827
rs3810291
rs3888190
rs12286929
rs12446632
rs12566985
rs12885454
rs2820292
rs7899106
rs10182181
rs17724992
rs17001654
rs2121279
rs1016287
rs2650492
rs6567160
rs2033529
rs12401738
rs16851483
rs9925964
rs16951275
rs17024393
rs2112347
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'HDL_L_int_imputed.txt_adiposity_instruments.txt'

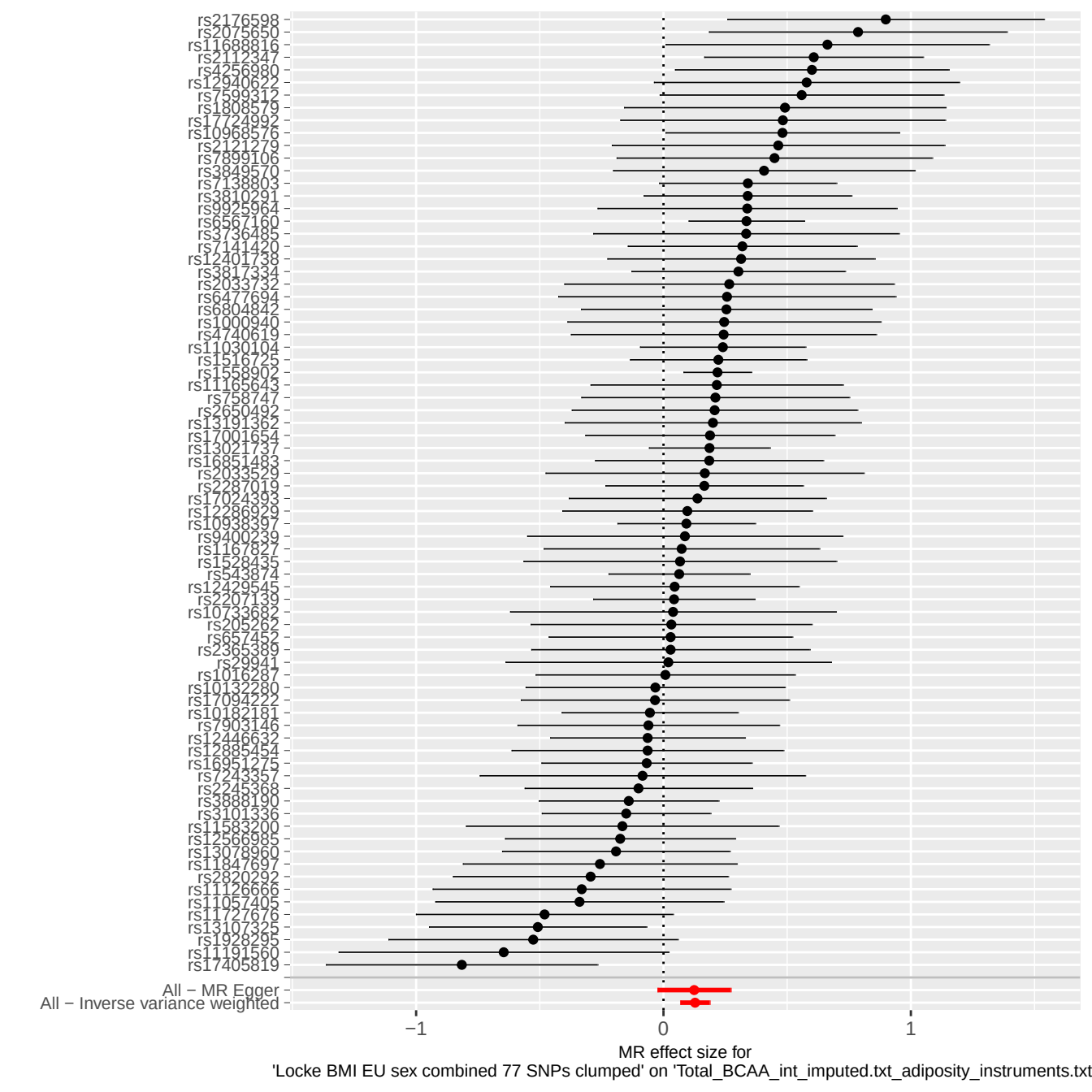

rs2075650
rs2112347
rs13107325
rs7243357
rs3849570
rs1167827
rs3736485
rs3817334
rs7899106
rs2176598
rs11583200
rs2033732
rs12429545
rs9925964
rs758747
rs10182181
rs205262
rs6567160
rs10968576
rs12940622
rs16851483
rs17024393
rs7599312
rs2820292
rs657452
rs3810291
rs1016287
rs4740619
rs2033529
rs12566985
rs6477694
rs12286929
rs13021737
rs2121279
rs1808579
rs12885454
rs1528435
rs543874
rs10132280
rs4256980
rs17094222
rs2650492
rs13191362
rs29941
rs3888190
rs11030104
rs1558902
rs1000940
rs11165643
rs3101336
rs11847697
rs13078960
rs17405819
rs6804842
rs9400239
rs10938397
rs7138803
rs7141420
rs17724992
rs2365389
rs12446632
rs11126666
rs2245368
rs17001654
rs2207139
rs1516725
rs11727676
rs11057405
rs11688816
rs10733682
rs1928295
rs12401738
rs16951275
rs7903146
rs2287019
rs11191560
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_TG_pct_int_imputed.txt_adiposity_instruments.txt

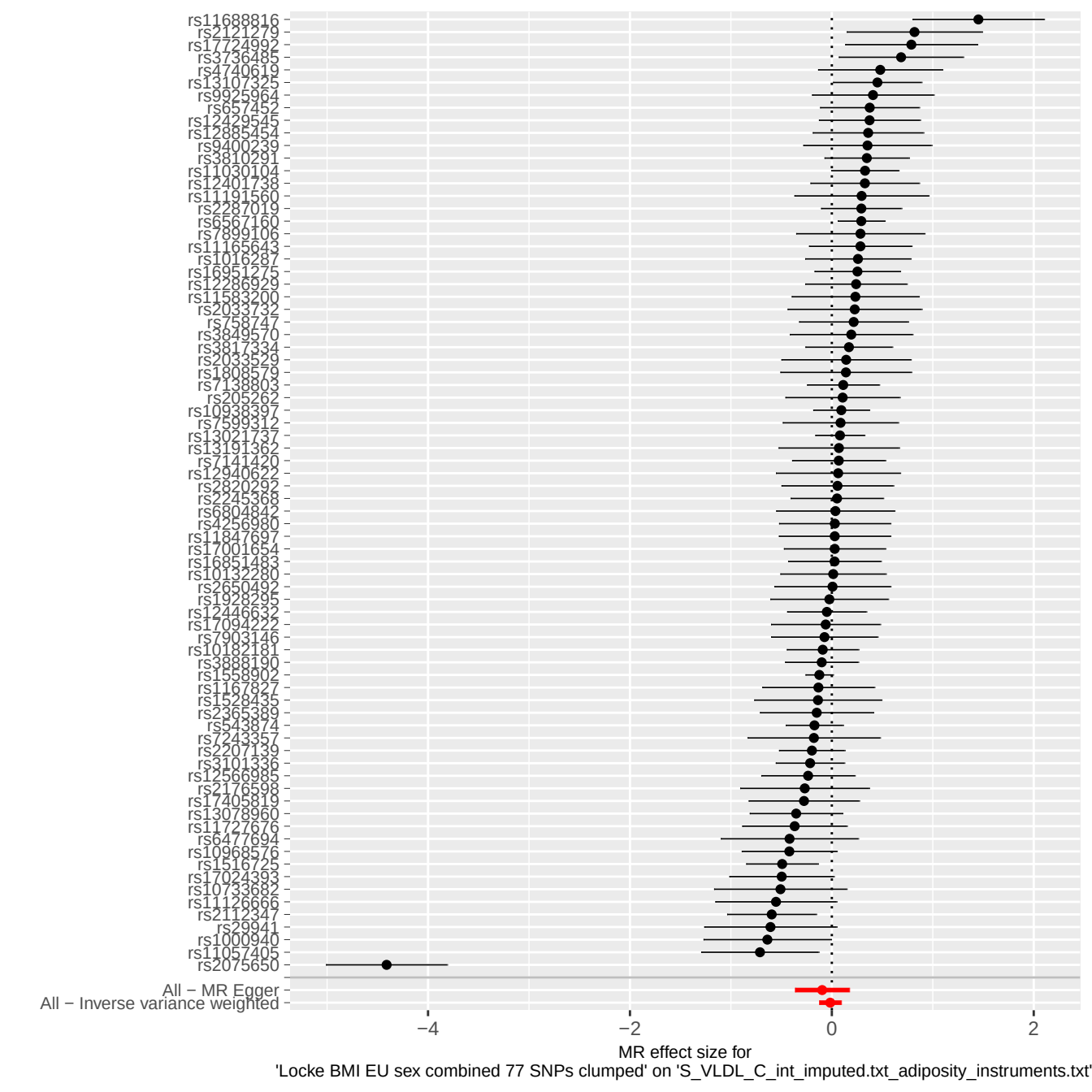

rs11688816
rs17724992
rs2121279
rs3736485
rs9400239
rs12429545
rs4740619
rs3810291
rs11191560
rs11030104
rs11165643
rs2033529
rs2287019
rs2033732
rs7138803
rs12885454
rs1016287
rs7903146
rs12286929
rs12940622
rs13021737
rs6567160
rs657452
rs758747
rs2245368
rs12401738
rs13191362
rs2650492
rs13107325
rs1928295
rs7141420
rs7899106
rs10938397
rs16851483
rs9925964
rs17001654
rs10132280
rs11583200
rs16951275
rs6804842
rs11847697
rs2365389
rs11727676
rs7243357
rs4256980
rs1528435
rs2820292
rs3817334
rs1808579
rs1558902
rs7599312
rs205262
rs12446632
rs3888190
rs6477694
rs11057405
rs17094222
rs3849570
rs10733682
rs2207139
rs10182181
rs1516725
rs543874
rs3101336
rs12566985
rs2176598
rs1167827
rs13078960
rs17405819
rs11126666
rs10968576
rs17024393
rs1000940
rs29941
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_FC_int_imputed.txt_adiposity_instruments.tx

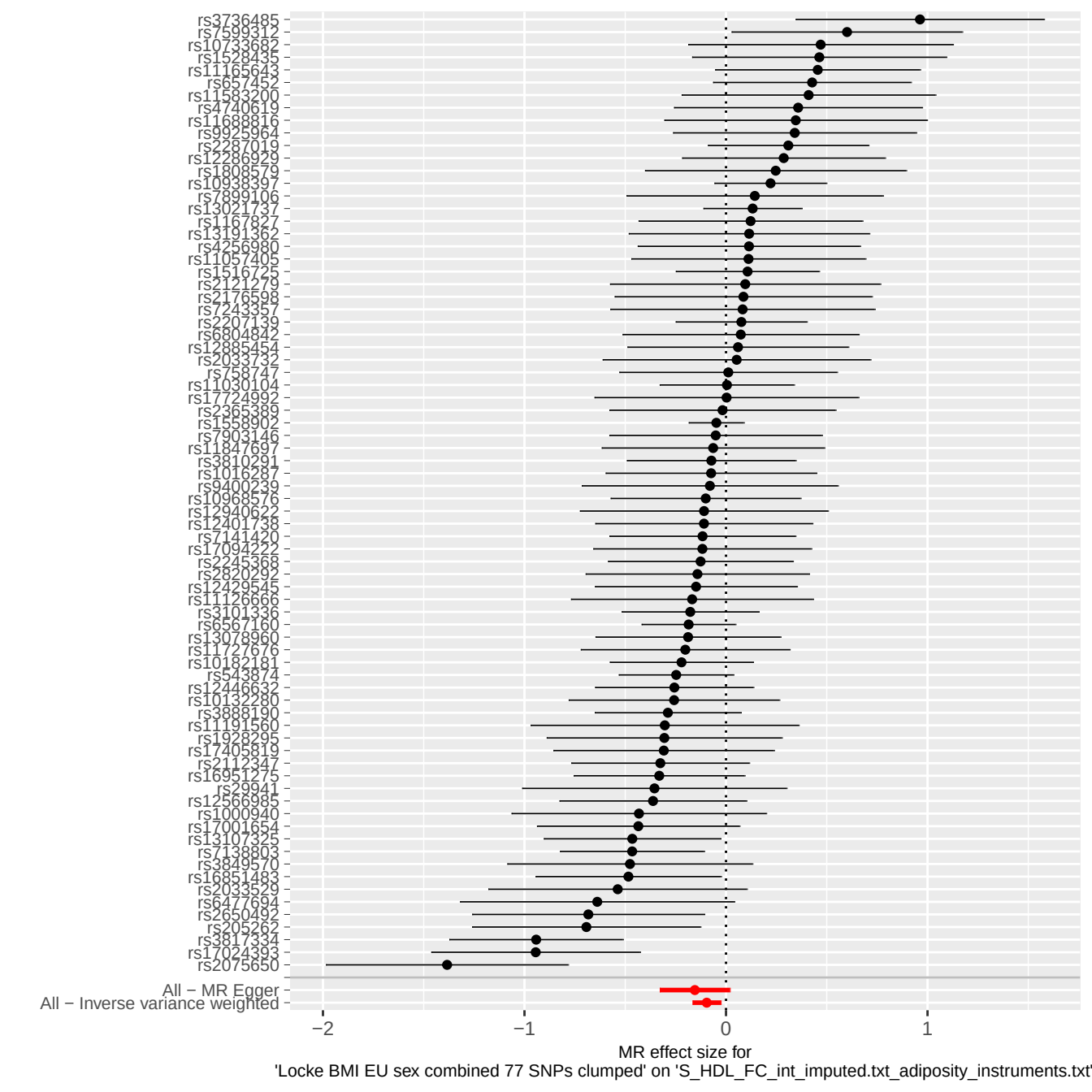

rs2287019
rs11688816
rs11191560
rs205262
rs3817334
rs2650492
rs16951275
rs12401738
rs2121279
rs17724992
rs1016287
rs7903146
rs11057405
rs11030104
rs9400239
rs4740619
rs3888190
rs7138803
rs12446632
rs17405819
rs11847697
rs13107325
rs3810291
rs1928295
rs2033529
rs10182181
rs7141420
rs758747
rs17094222
rs2365389
rs13021737
rs11727676
rs12429545
rs16851483
rs17001654
rs2245368
rs2207139
rs12566985
rs17024393
rs12286929
rs6567160
rs13191362
rs7599312
rs657452
rs10132280
rs3101336
rs12940622
rs12885454
rs7899106
rs543874
rs4256980
rs11165643
rs6804842
rs1558902
rs10733682
rs10938397
rs11583200
rs6477694
rs1000940
rs2820292
rs13078960
rs9925964
rs1528435
rs1808579
rs2033732
rs3736485
rs1167827
rs11126666
rs1516725
rs29941
rs10968576
rs3849570
rs2176598
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_CE_pct_int_imputed.txt_adiposity_instruments.

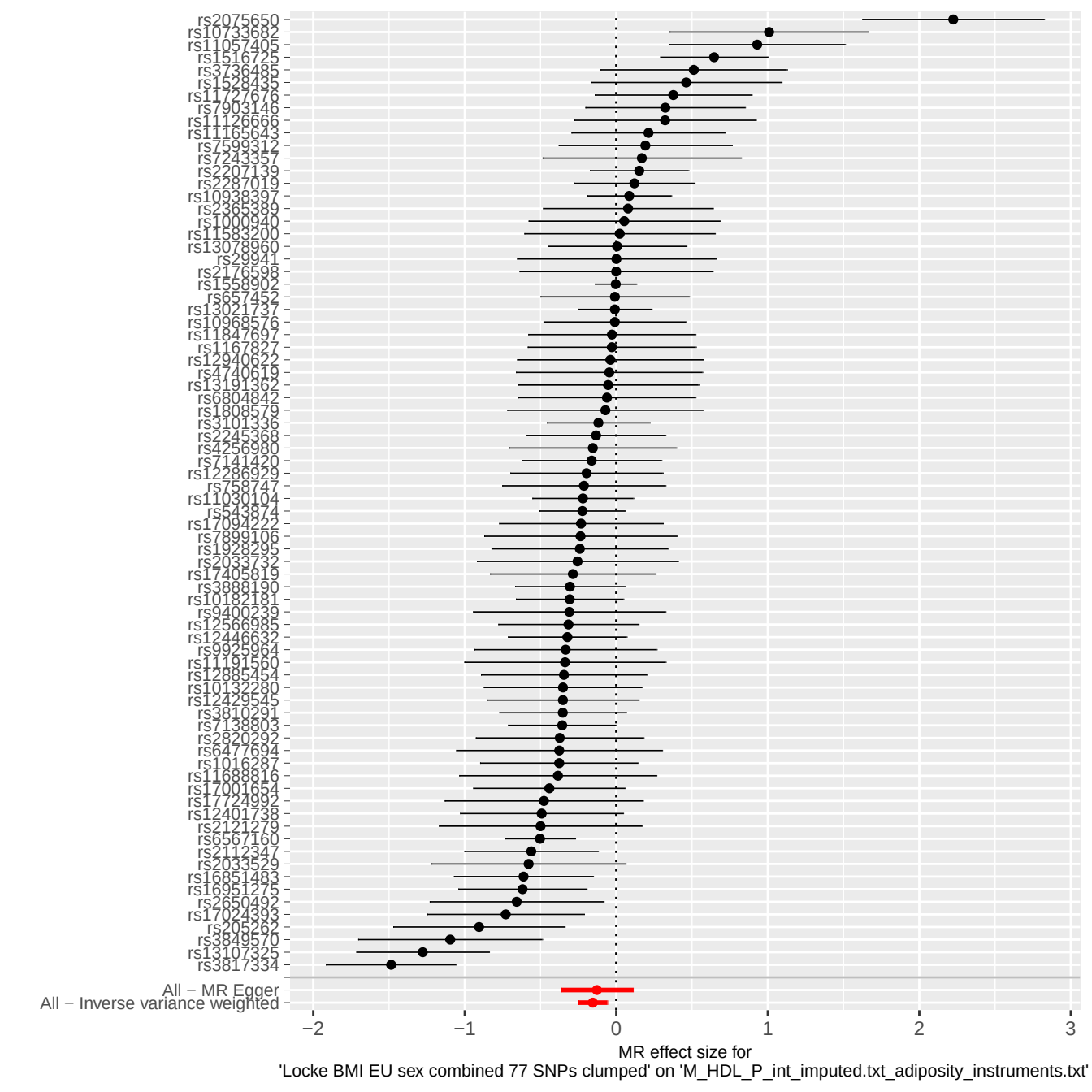

rs9925964
rs11688816
rs3849570
rs17724992
rs13107325
rs1808579
rs3736485
rs2121279
rs12885454
rs4740619
rs657452
rs7899106
rs6567160
rs1167827
rs2820292
rs2033732
rs11165643
rs11583200
rs12286929
rs16951275
rs205262
rs3810291
rs11030104
rs9400239
rs1016287
rs2176598
rs12940622
rs7243357
rs16851483
rs10132280
rs7599312
rs2112347
rs758747
rs2033529
rs10938397
rs12429545
rs12401738
rs17001654
rs3817334
rs4256980
rs1928295
rs13191362
rs6804842
rs1528435
rs13021737
rs7138803
rs543874
rs17094222
rs10182181
rs1558902
rs10968576
rs7141420
rs2207139
rs2365389
rs12446632
rs11847697
rs2245368
rs3888190
rs12566985
rs2650492
rs6477694
rs11191560
rs11126666
rs13078960
rs3101336
rs2287019
rs29941
rs17024393
rs1516725
rs17405819
rs1000940
rs10733682
rs7903146
rs11727676
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_L_int_imputed.txt_adiposity_instruments.txt'

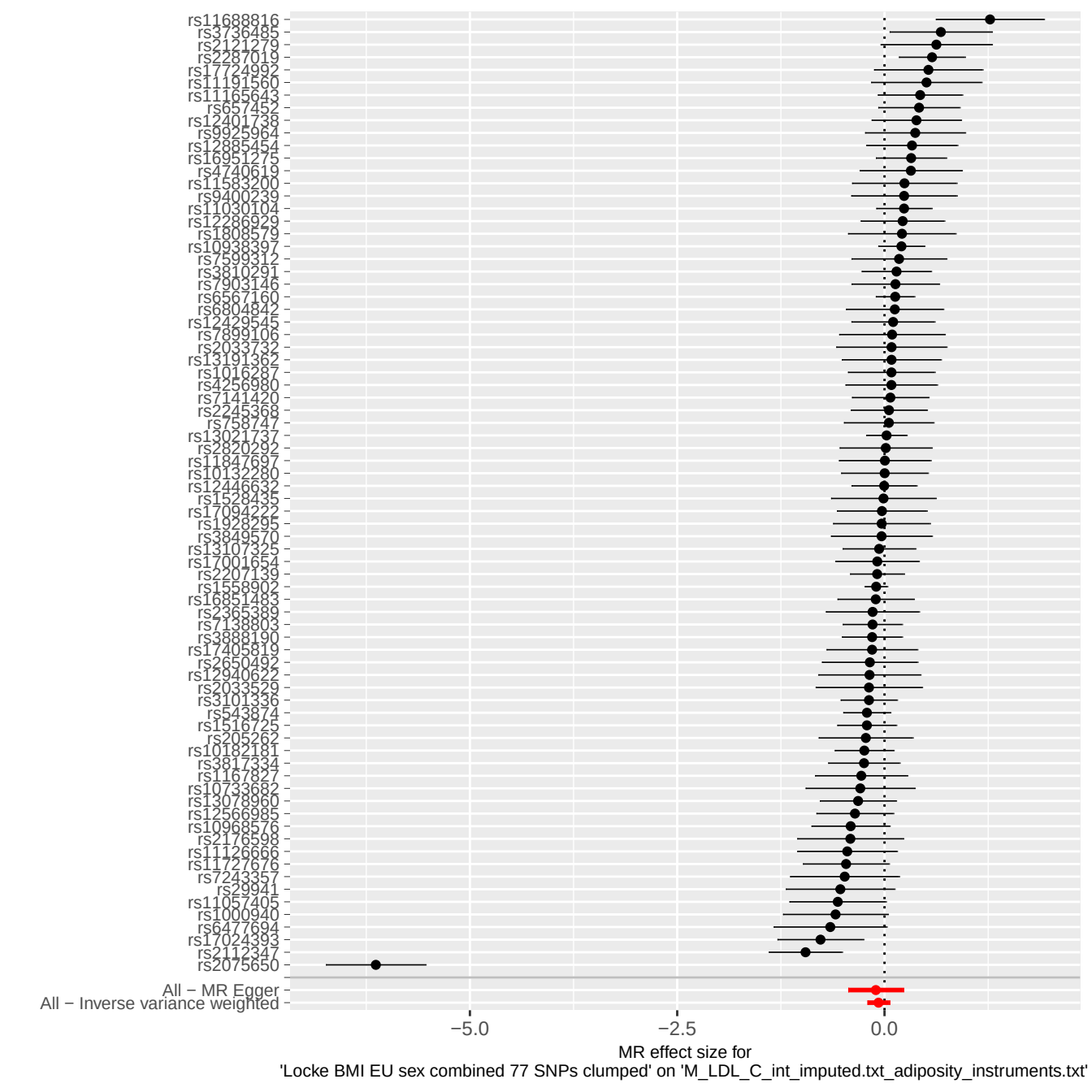

rs7243357
rs9925964
rs1808579
rs2033732
rs3736485
rs17724992
rs11126666
rs12885454
rs13078960
rs2176598
rs12401738
rs4740619
rs7903146
rs11165643
rs11688816
rs1528435
rs10938397
rs9400239
rs1516725
rs11847697
rs4256980
rs1928295
rs3101336
rs2287019
rs657452
rs12940622
rs6567160
rs758747
rs2820292
rs2207139
rs6804842
rs3810291
rs7141420
rs17094222
rs17405819
rs13191362
rs7138803
rs11583200
rs2245368
rs10968576
rs10132280
rs1558902
rs7899106
rs7599312
rs543874
rs11191560
rs3849570
rs2365389
rs16951275
rs11030104
rs12446632
rs10733682
rs17001654
rs12566985
rs3888190
rs29941
rs2121279
rs13021737
rs12429545
rs1016287
rs2650492
rs1000940
rs13107325
rs12286929
rs1167827
rs16851483
rs11727676
rs10182181
rs6477694
rs2033529
rs17024393
rs11057405
rs2112347
rs3817334
rs205262
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_CE_pct_int_imputed.txt_adiposity_instruments.t

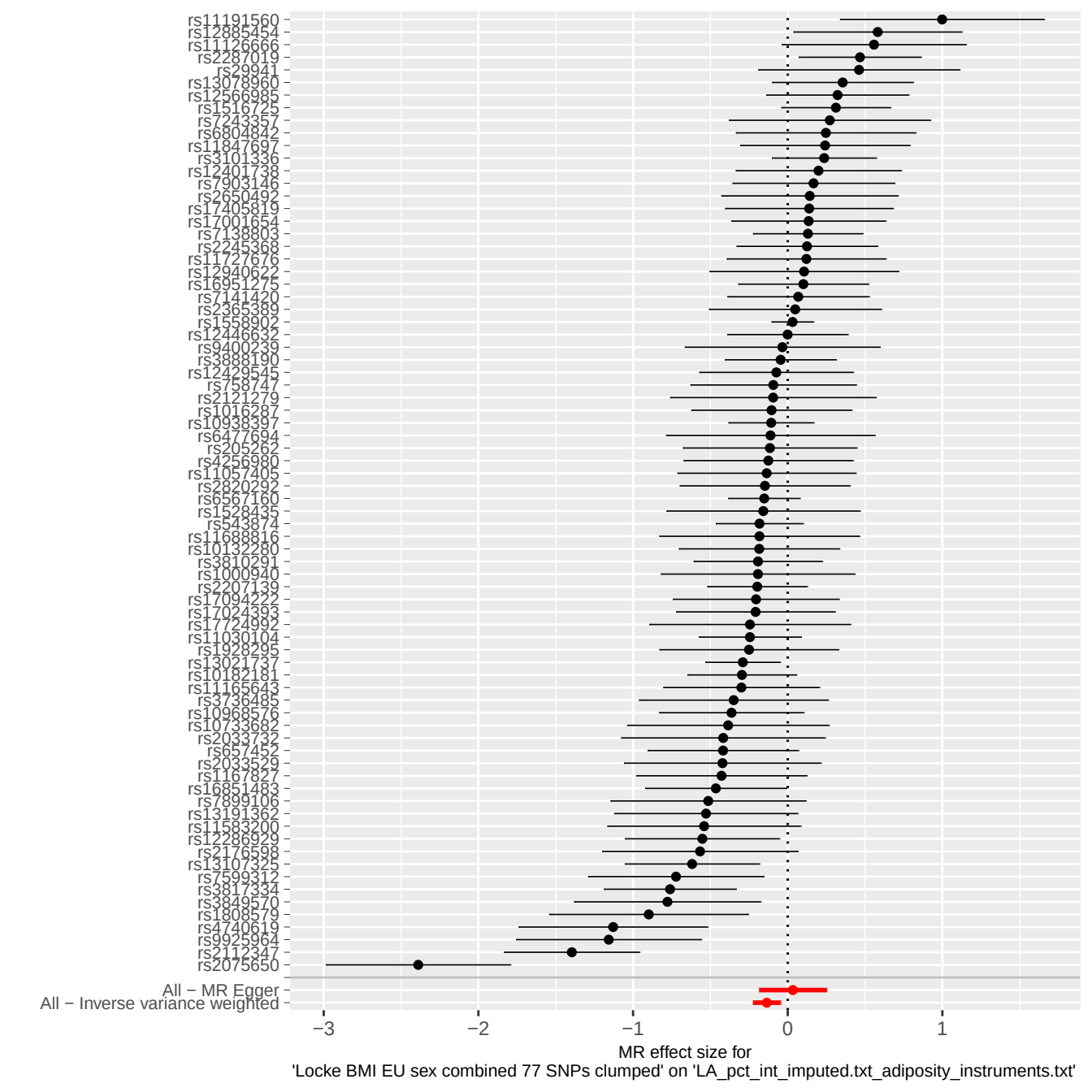

rs2176598
rs2075650
rs11688816
rs2112347
rs4256980
rs12940622
rs7599312
rs1808579
rs17724992
rs10968576
rs2121279
rs7899106
rs9848570
rs7138803
rs3810291
rs9925964
rs6567160
rs3736485
rs7141420
rs12401738
rs3817334
rs2033732
rs6477694
rs6804842
rs1000940
rs4740619
rs11030104
rs1516725
rs1558902
rs11165643
rs758747
rs2650492
rs13191362
rs17001654
rs13021737
rs16851483
rs2033529
rs2287019
rs17024393
rs10938397
rs9400239
rs1167827
rs1528435
rs543874
rs12429545
rs2207139
rs10733682
rs205262
rs657452
rs2365389
rs29941
rs1016287
rs10132280
rs17094222
rs10182181
rs7903146
rs12446632
rs12885454
rs16951275
rs7243357
rs2245368
rs3888190
rs3101336
rs11583200
rs12566985
rs13078960
rs11847697
rs2820292
rs11126666
rs11057405
rs11727676
rs13107325
rs1928295
rs11191560
rs17405819
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Total_BCAA_int_imputed.txt_adiposity_instruments.txt

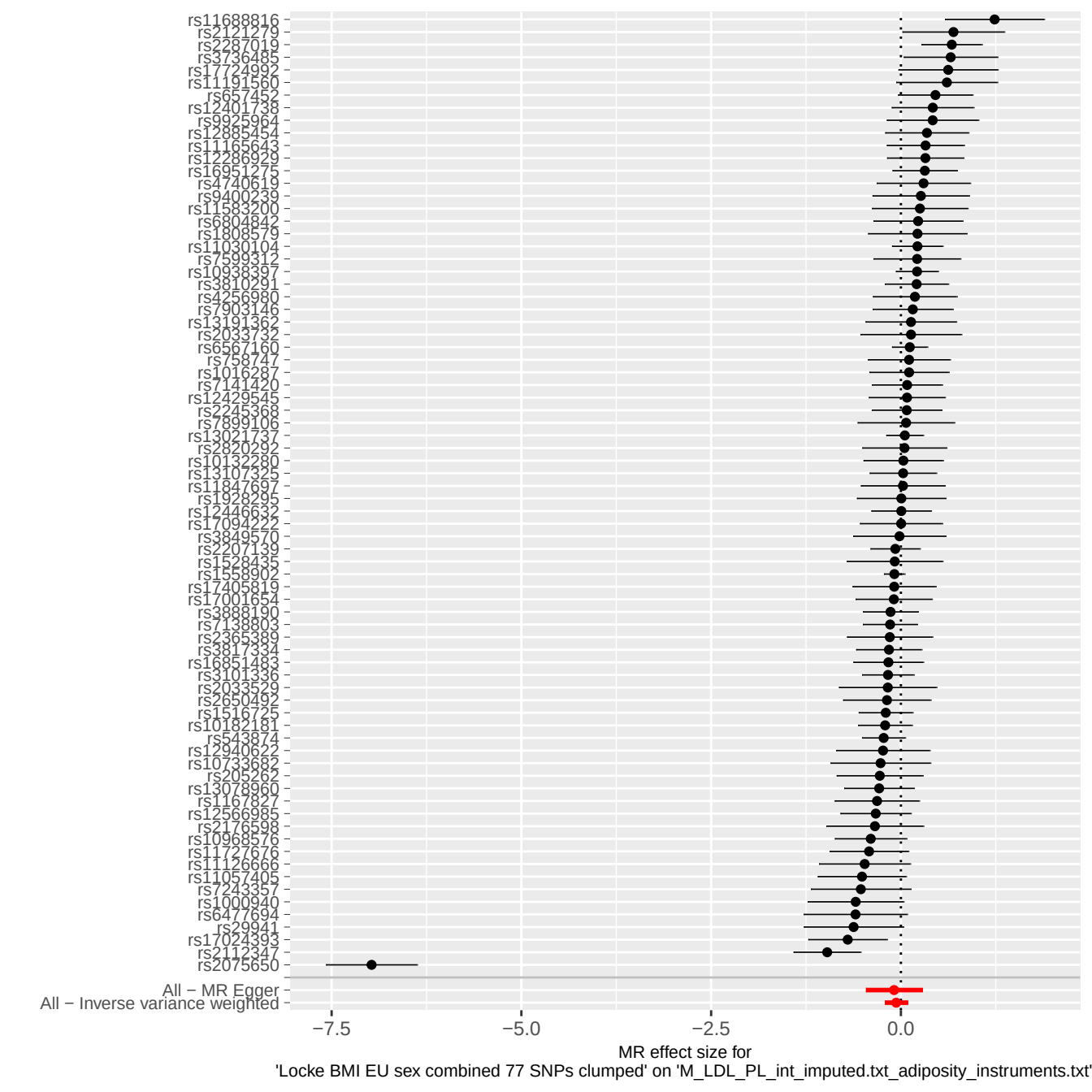

rs11688816
rs2121279
rs17224992
rs3736485
rs4740619
rs13107325
rs9925964
rs657452
rs12429545
rs12885454
rs9400239
rs3810291
rs11030104
rs12401738
rs11191560
rs2287019
rs6567160
rs7899106
rs11165643
rs1016287
rs16951275
rs12286929
rs11583200
rs2033732
rs758747
rs3849570
rs3817334
rs2033529
rs1808579
rs7138803
rs205262
rs10938397
rs7599312
rs13021737
rs13191362
rs7141420
rs12940622
rs2820292
rs2245368
rs6804842
rs4256980
rs11847697
rs17001654
rs16851483
rs10132280
rs2650492
rs1928295
rs12446632
rs17094222
rs7903146
rs10182181
rs3888190
rs1558902
rs1167827
rs1528435
rs2365389
rs543874
rs7243357
rs2207139
rs3101336
rs12566985
rs2176598
rs17405819
rs13078960
rs11727676
rs6477694
rs10968576
rs1516725
rs17024393
rs10733682
rs11126666
rs2112347
rs29941
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_C_int_imputed.txt_adiposity_instruments.txt'

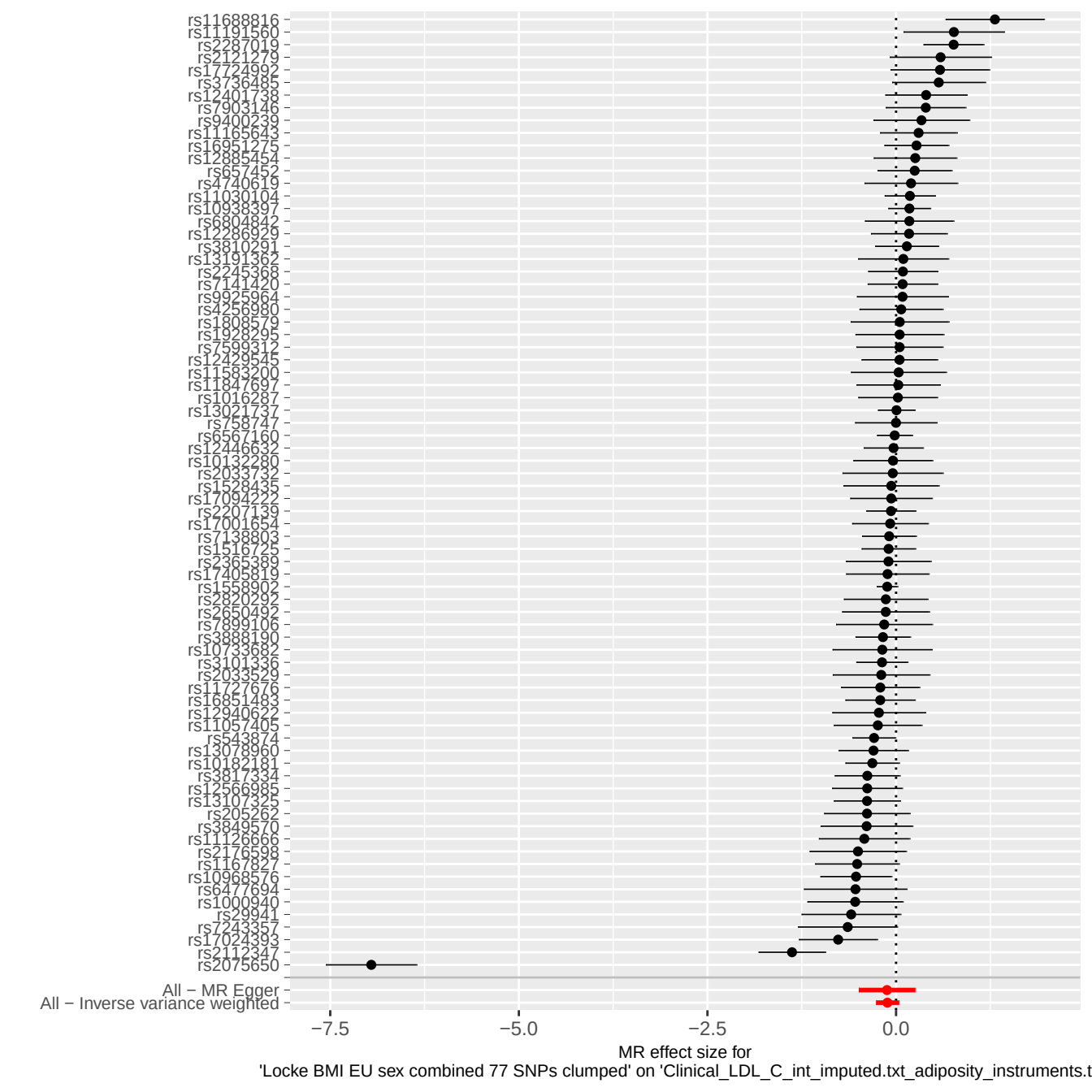

rs3736485
rs7599312
rs10733682
rs1528435
rs11165643
rs657452
rs11583200
rs4740619
rs11688816
rs9925964
rs2287019
rs12286929
rs1808579
rs10938397
rs7899106
rs13021737
rs1167827
rs13191362
rs4256980
rs11057405
rs1516725
rs2121279
rs2176598
rs7243357
rs2207139
rs6804842
rs12885454
rs2033732
rs758747
rs11030104
rs17724992
rs2365389
rs1558902
rs7903146
rs11847697
rs3810291
rs1016287
rs9400239
rs10968576
rs12940622
rs12401738
rs7141420
rs17094222
rs2245368
rs2820292
rs12429545
rs11126666
rs3101336
rs6567160
rs13078960
rs11727676
rs10182181
rs543874
rs12446632
rs10132280
rs3888190
rs11191560
rs1928295
rs17405819
rs2112347
rs16951275
rs29941
rs12566985
rs1000940
rs17001654
rs13107325
rs7138803
rs3849570
rs16851483
rs2033529
rs6477694
rs2650492
rs205262
rs3817334
rs17024393
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_FC_int_imputed.txt_adiposity_instruments.txt'

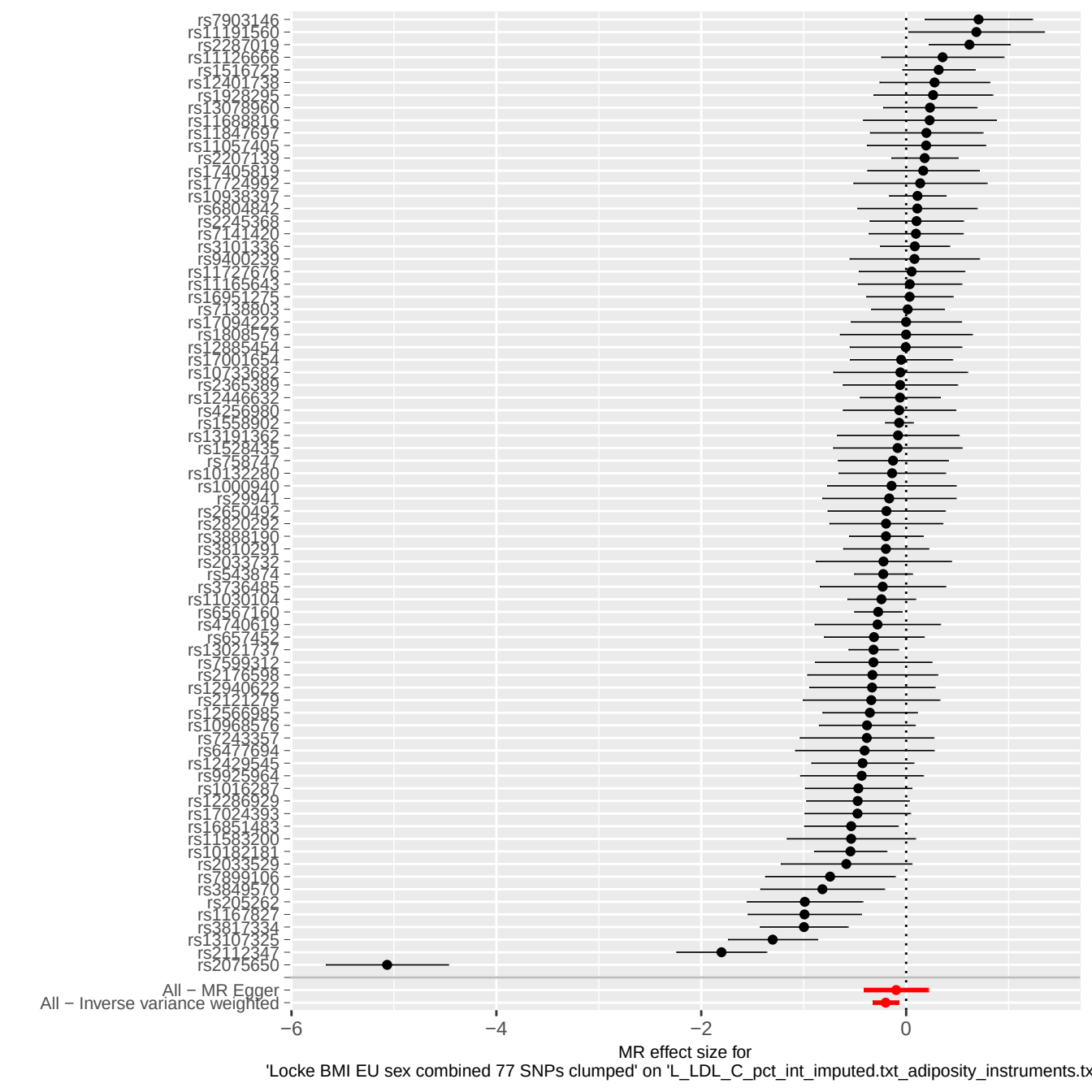

rs2075650
rs10733682
rs11057405
rs1516725
rs3736485
rs1528435
rs11727676
rs7903146
rs11126666
rs11165643
rs7599312
rs7243357
rs2207139
rs2287019
rs10938397
rs2365389
rs1000940
rs11583200
rs13078960
rs29941
rs2176598
rs1558902
rs657452
rs13021737
rs10968576
rs11847697
rs1167827
rs12940622
rs4740619
rs13191362
rs6804842
rs1808579
rs3101336
rs2245368
rs4256980
rs7141420
rs12286929
rs758747
rs11030104
rs543874
rs17094222
rs7899106
rs1928295
rs2033732
rs17405819
rs3888190
rs10182181
rs9400239
rs12566985
rs12446632
rs9925964
rs11191560
rs12885454
rs10132280
rs12429545
rs3810291
rs7138803
rs2820292
rs6477694
rs1016287
rs11688816
rs17001654
rs17724992
rs12401738
rs2121279
rs6567160
rs2112347
rs2033529
rs16851483
rs16951275
rs2650492
rs17024393
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_P_int_imputed.txt_adiposity_instruments.txt'

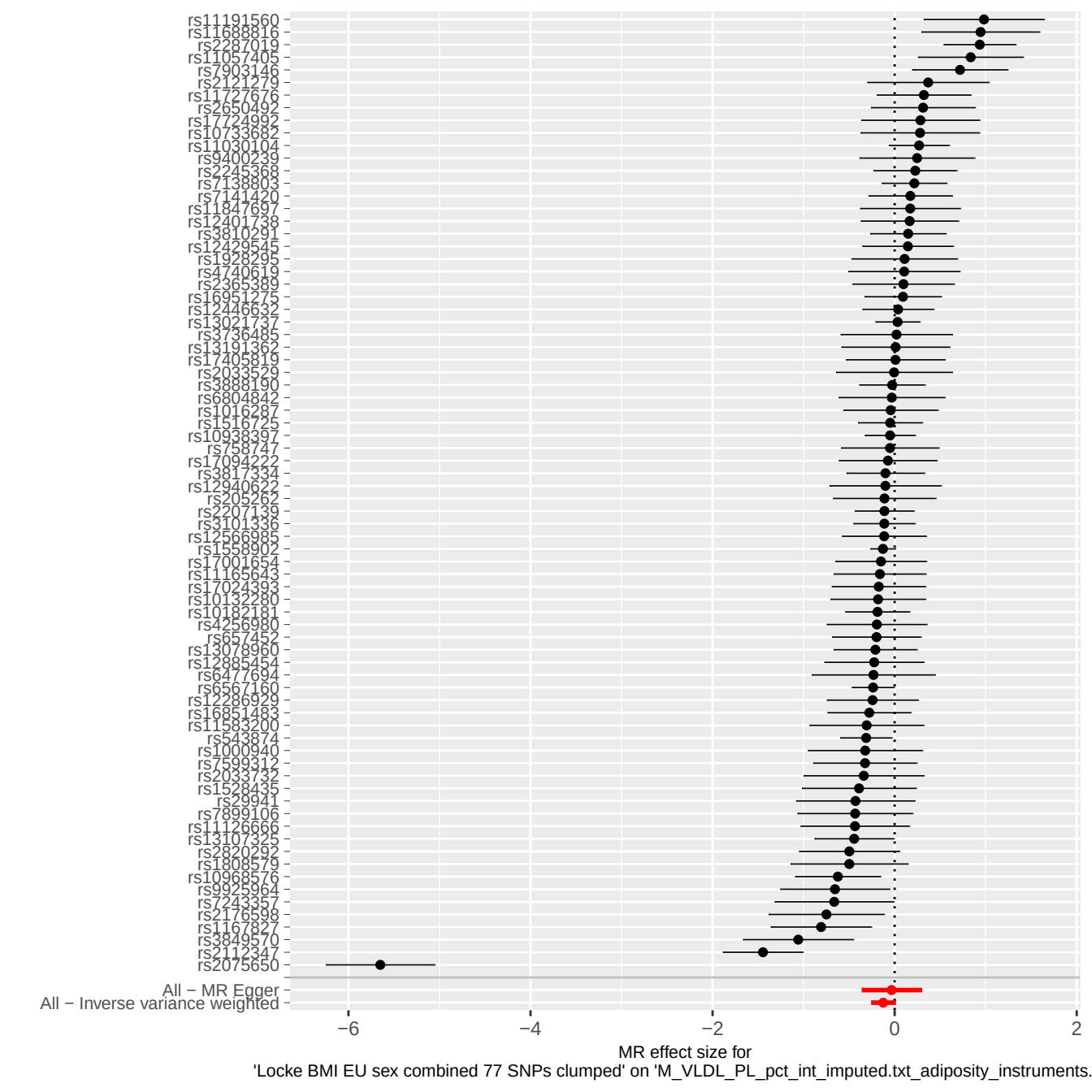

rs11688816
rs3736485
rs2112279
rs2287019
rs17724992
rs11191560
rs11165643
rs657452
rs12401738
rs9925964
rs12885454
rs16951275
rs4740619
rs11583200
rs9400239
rs11030104
rs12286929
rs1808579
rs10938397
rs7599312
rs3810291
rs7903146
rs6567160
rs6804842
rs12429545
rs7899106
rs2033732
rs13191362
rs1016287
rs4256980
rs7141420
rs2245368
rs758747
rs13021737
rs2820292
rs11847697
rs10132280
rs12446632
rs1528435
rs17094222
rs1928295
rs3849570
rs13107325
rs17001654
rs2207139
rs1558902
rs16851483
rs2365389
rs7138803
rs3888190
rs17405819
rs2650492
rs12940622
rs2033529
rs3101336
rs543874
rs1516725
rs205262
rs10182181
rs3817334
rs1167827
rs10733682
rs13078960
rs12566985
rs10968576
rs2176598
rs1126666
rs11727676
rs7243357
rs29941
rs11057405
rs1000940
rs6477694
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_C_int_imputed.txt_adiposity_instruments.txt'

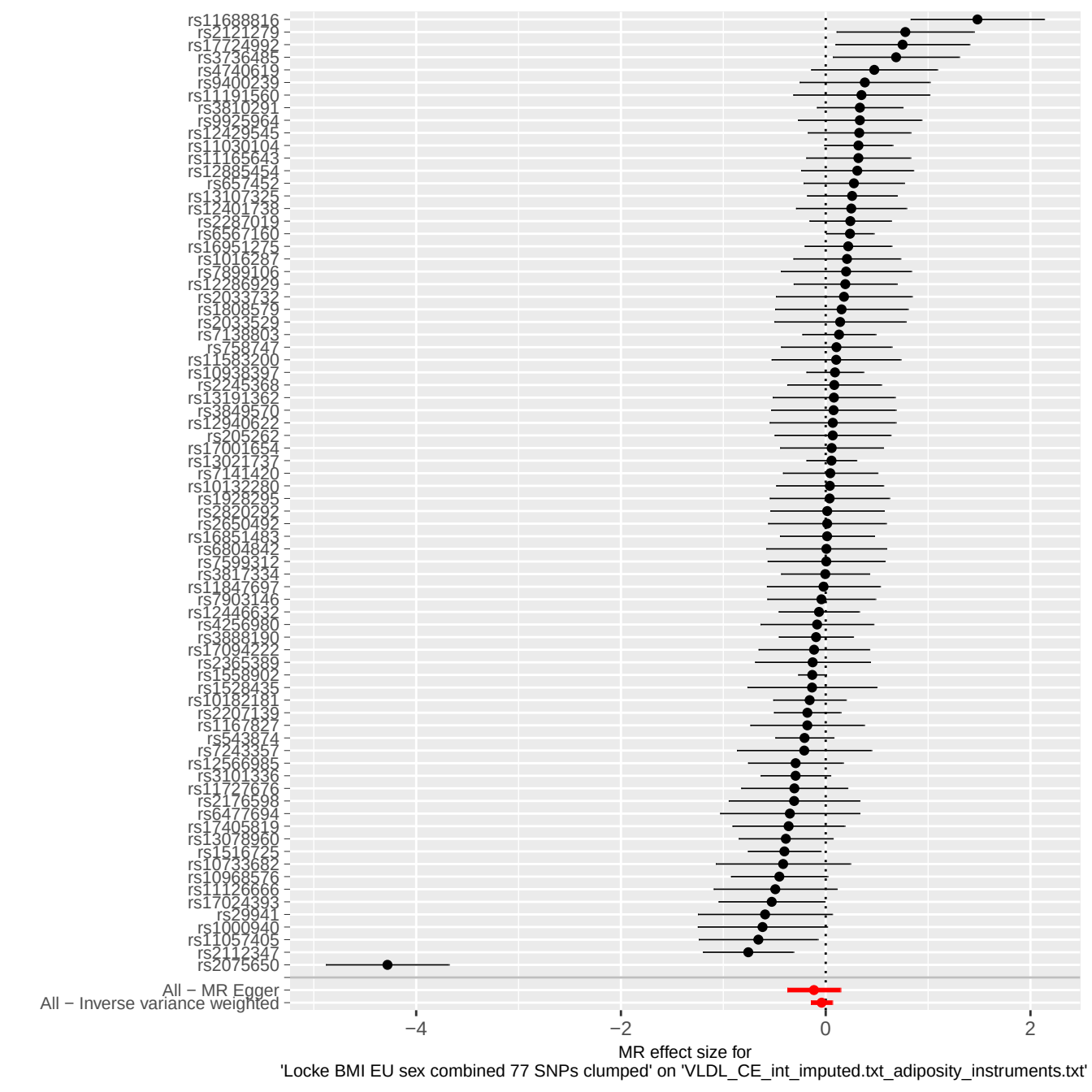

rs11191560
rs12885454
rs111126666
rs2287019
rs29941
rs13078960
rs12566985
rs1516725
rs7243357
rs6804842
rs11847697
rs3101336
rs12401738
rs7903146
rs2650492
rs17405819
rs17001654
rs7138803
rs2245368
rs11727676
rs12940622
rs16951275
rs7141420
rs2365389
rs1558902
rs12446632
rs9400239
rs3888190
rs12429545
rs758747
rs2121279
rs1016287
rs10938397
rs6477694
rs205262
rs4256980
rs11057405
rs2820292
rs6567160
rs1528435
rs543874
rs11688816
rs10132280
rs3810291
rs1000940
rs2207139
rs17094222
rs17024393
rs17724992
rs11030104
rs1928295
rs13021737
rs10182181
rs11165643
rs3736485
rs10968576
rs10733682
rs2033732
rs657452
rs2033529
rs1167827
rs16851483
rs7899106
rs13191362
rs11583200
rs12286929
rs2176598
rs13107325
rs7599312
rs3817334
rs3849570
rs1808579
rs4740619
rs9925964
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LA_pct_int_imputed.txt_adiposity_instruments.txt'

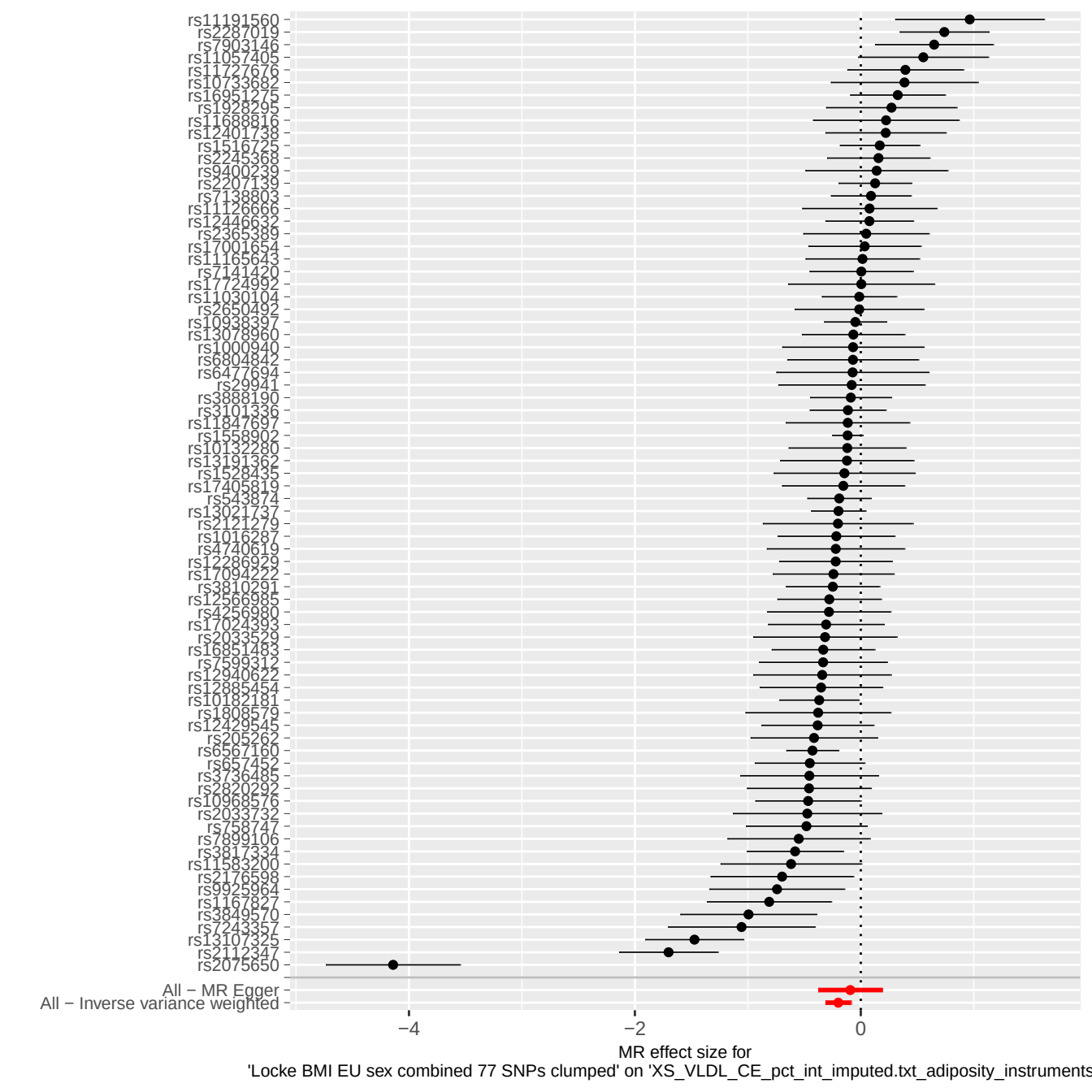

rs11688816
rs2121279
rs2287019
rs3736485
rs17724992
rs11191560
rs657452
rs12401738
rs9925964
rs12885454
rs11165643
rs12286929
rs16951275
rs4740619
rs9400239
rs11583200
rs6804842
rs1808579
rs11030104
rs7599312
rs10938397
rs3810291
rs4256980
rs7903146
rs13191362
rs2033732
rs6567160
rs758747
rs1016287
rs7141420
rs12429545
rs2245368
rs7899106
rs13021737
rs2820292
rs10132280
rs13107325
rs11847697
rs1928295
rs12446632
rs17094222
rs3849570
rs2207139
rs1528435
rs1558902
rs17405819
rs17001654
rs3888190
rs7138803
rs2365389
rs3817334
rs16851483
rs3101336
rs2033529
rs2650492
rs1516725
rs10182181
rs543874
rs12940622
rs10733682
rs205262
rs13078960
rs1167827
rs12566985
rs2176598
rs10968576
rs11727676
rs11126666
rs11057405
rs7243357
rs1000940
rs6477694
rs29941
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_PL_int_imputed.txt_adiposity_instruments.txt'

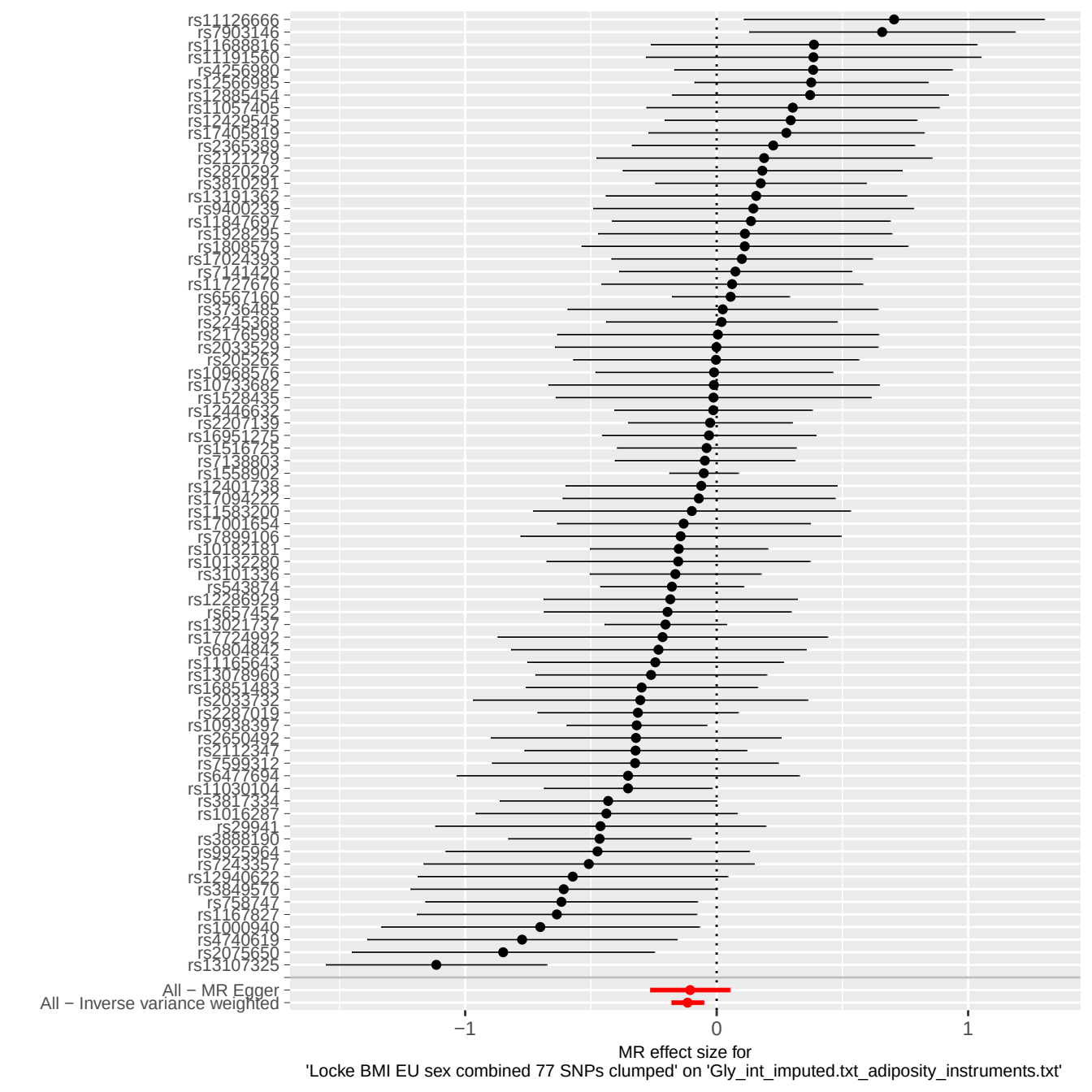

rs11688816
rs11191560
rs2287019
rs2121279
rs17724992
rs3736485
rs12401738
rs7903146
rs9400239
rs11165643
rs16951275
rs12885454
rs657452
rs4740619
rs11030104
rs10938397
rs6804842
rs12286929
rs3810291
rs13191362
rs2245368
rs7141420
rs9925964
rs4256980
rs1808579
rs1928295
rs7599312
rs12429545
rs11583200
rs11847697
rs1016287
rs13021737
rs758747
rs6567160
rs12446632
rs10132280
rs2033732
rs1528435
rs17094222
rs2207139
rs17001654
rs7138803
rs1516725
rs2365389
rs17405819
rs1558902
rs2820292
rs2650492
rs7899106
rs3888190
rs10733682
rs3101336
rs2033529
rs11727676
rs16851483
rs12940622
rs11057405
rs543874
rs13078960
rs10182181
rs3817334
rs12566985
rs13107325
rs205262
rs3849570
rs11126666
rs2176598
rs1167827
rs10968576
rs6477694
rs1000940
rs29941
rs7243357
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Clinical_LDL_C_int_imputed.txt_adiposity_instruments.t

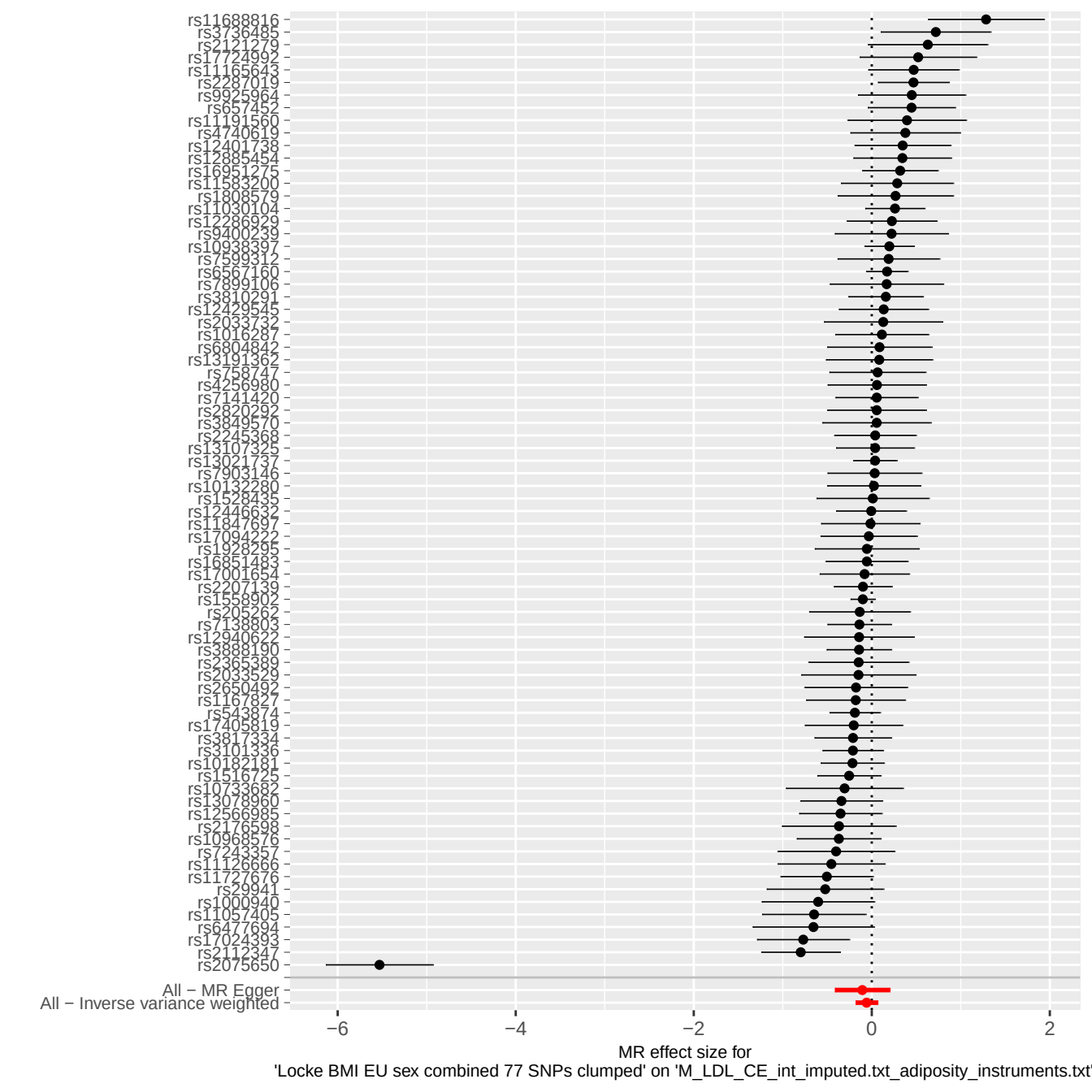

rs7903146
rs11191560
rs2287019
rs11126666
rs1516725
rs12401738
rs1928295
rs13078960
rs11688816
rs11847697
rs11057405
rs2207139
rs17405819
rs17724992
rs10938397
rs6804842
rs2245368
rs7141420
rs3101336
rs9400239
rs11727676
rs11165643
rs16951275
rs7138803
rs17094222
rs1808579
rs12885454
rs17001654
rs10733682
rs2365389
rs12446632
rs4256980
rs1558902
rs13191362
rs1528435
rs758747
rs10132280
rs1000940
rs29941
rs2650492
rs2820292
rs3888190
rs3810291
rs2033732
rs543874
rs3736485
rs11030104
rs6567160
rs4740619
rs657452
rs13021737
rs7599312
rs2176598
rs12940622
rs2121279
rs12566985
rs10968576
rs7243357
rs6477694
rs12429545
rs9925964
rs1016287
rs12286929
rs17024393
rs16851483
rs11583200
rs10182181
rs2033529
rs7899106
rs3849570
rs205262
rs1167827
rs3817334
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_C_pct_int_imputed.txt_adiposity_instruments.tx

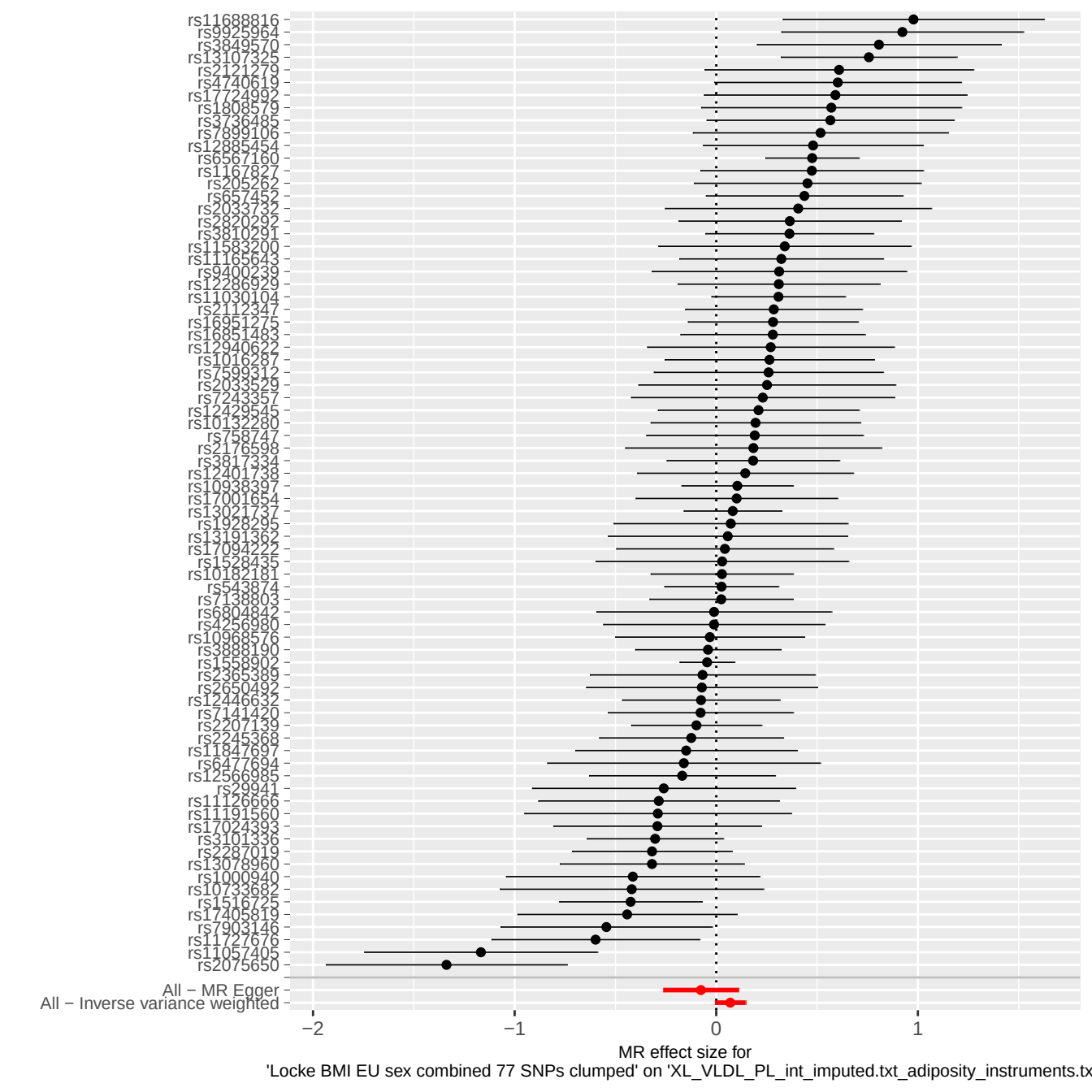

rs11191560
rs11688816
rs2287019
rs11057405
rs7903146
rs2121279
rs11727676
rs2650492
rs17724992
rs10733682
rs11030104
rs9400239
rs2245368
rs7138803
rs7141420
rs11847697
rs12401738
rs3810291
rs12429545
rs1928295
rs4740619
rs2365389
rs16951275
rs12446632
rs13021737
rs3736485
rs13191362
rs17405819
rs2033529
rs3888190
rs6804842
rs1016287
rs1516725
rs10938397
rs758747
rs17094222
rs3817334
rs12940622
rs205262
rs2207139
rs3101336
rs12566985
rs1558902
rs17001654
rs11165643
rs17024393
rs10132280
rs10182181
rs4256980
rs657452
rs13078960
rs12885454
rs6477694
rs6567160
rs12286929
rs16851483
rs11583200
rs543874
rs1000940
rs7599312
rs2033732
rs1528435
rs29941
rs7899106
rs11126666
rs13107325
rs2820292
rs1808579
rs10968576
rs9925964
rs7243357
rs2176598
rs1167827
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_PL_pct_int_imputed.txt_adiposity_instruments.

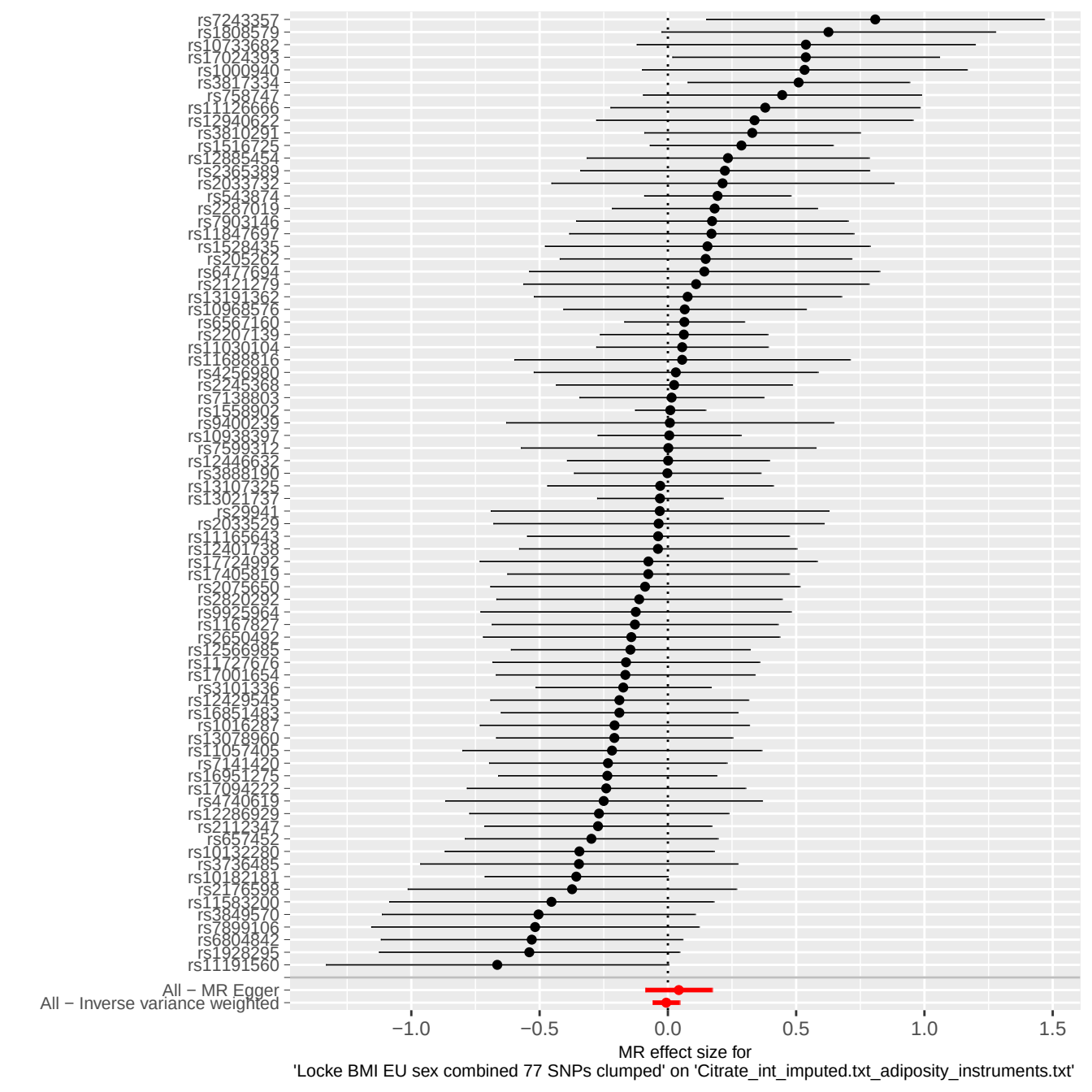

rs11688816
rs2121279
rs17224692
rs3736485
rs4740619
rs9400239
rs11191560
rs3810291
rs9925964
rs12429545
rs11030104
rs11165643
rs12885454
rs657452
rs13107325
rs12401738
rs2287019
rs6567160
rs16951275
rs1016287
rs7899106
rs12286929
rs2033732
rs1808579
rs2033529
rs7138803
rs758747
rs11583200
rs10938397
rs2245368
rs13191362
rs3849570
rs12940622
rs205262
rs17001654
rs13021737
rs7141420
rs10132280
rs1928295
rs2820292
rs2650492
rs16851483
rs6804842
rs7599312
rs3817334
rs11847697
rs7903146
rs12446632
rs4256980
rs3888190
rs17094222
rs2365389
rs1558902
rs1528435
rs10182181
rs2207139
rs1167827
rs543874
rs7243357
rs12566985
rs3101336
rs11727676
rs2176598
rs6477694
rs17405819
rs13078960
rs1516725
rs10733682
rs10968576
rs11126666
rs17024393
rs29941
rs1000940
rs11057405
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'VLDL_CE_int_imputed.txt_adiposity_instruments.txt'

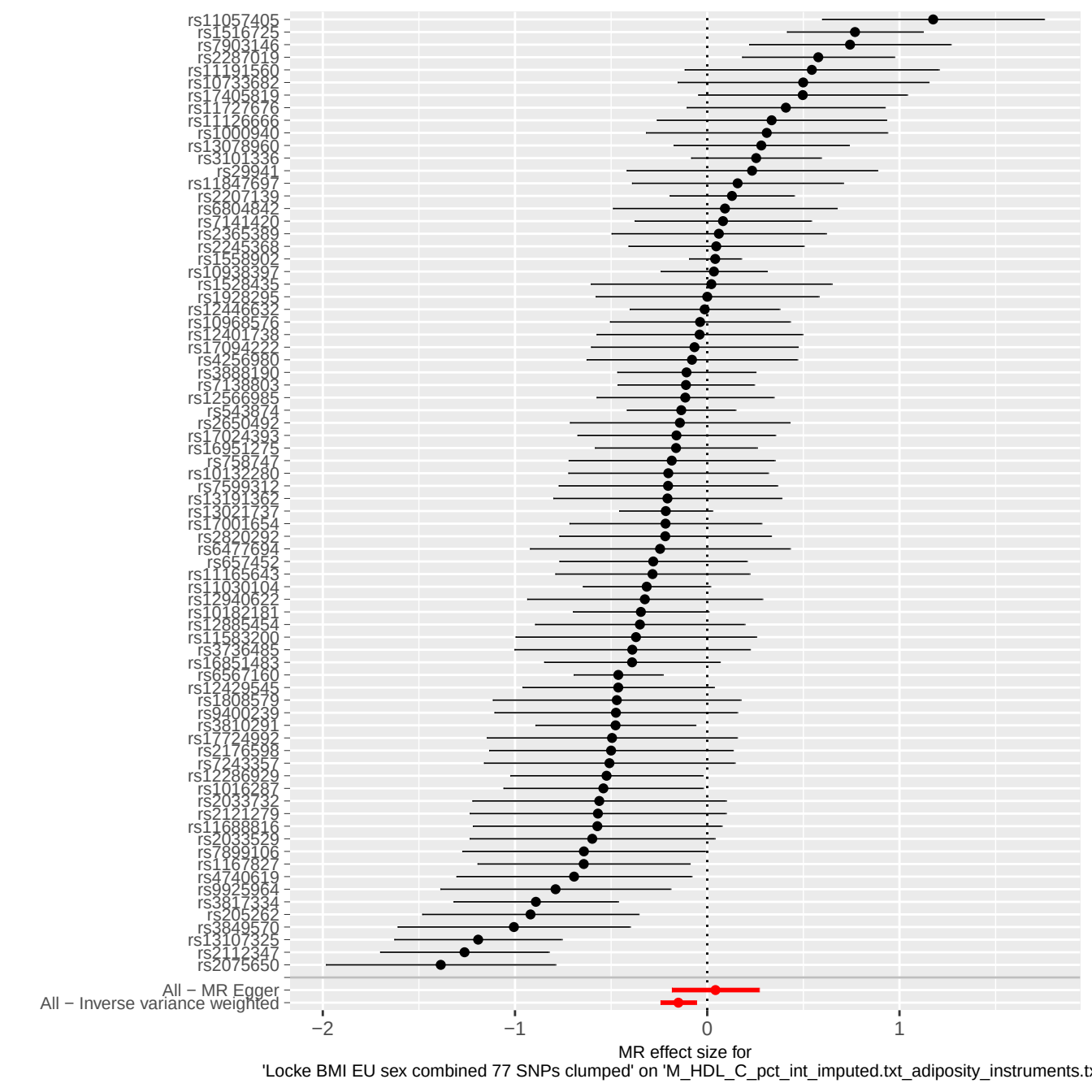

rs11191560
rs2287019
rs7903146
rs11057405
rs11727676
rs10733682
rs16951275
rs1928295
rs11688816
rs12401738
rs1516725
rs2245368
rs9400239
rs2207139
rs7138803
rs11126666
rs12446632
rs2365389
rs17001654
rs11165643
rs7141420
rs17724992
rs11030104
rs2650492
rs10938397
rs13078960
rs1000940
rs6804842
rs6477694
rs29941
rs3888190
rs3101336
rs11847697
rs1558902
rs10132280
rs13191362
rs1528435
rs17405819
rs543874
rs13021737
rs2121279
rs1016287
rs4740619
rs12286929
rs17094222
rs3810291
rs12566985
rs4256980
rs17024393
rs2033529
rs16851483
rs7599312
rs12940622
rs12885454
rs10182181
rs1808579
rs12429545
rs205262
rs6567160
rs657452
rs3736485
rs2820292
rs10968576
rs2033732
rs758747
rs7899106
rs3817334
rs11583200
rs2176598
rs9925964
rs1167827
rs3849570
rs7243357
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_CE_pct_int_imputed.txt_adiposity_instruments

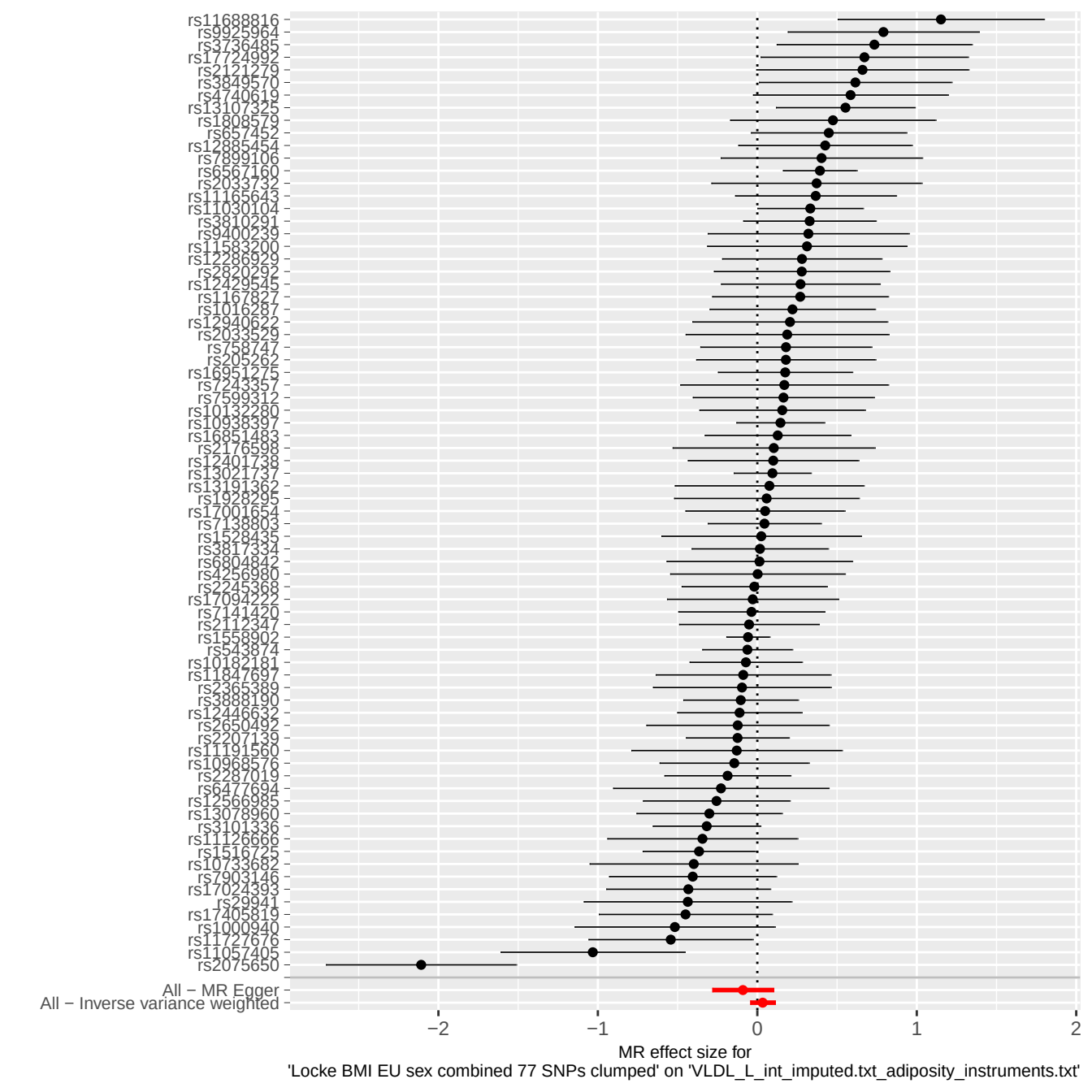

rs11126666
rs7903146
rs11688816
rs11191560
rs4256980
rs12566985
rs12885454
rs11057405
rs12429545
rs17405819
rs2365389
rs2121279
rs2820292
rs3810291
rs13191362
rs9400239
rs11847697
rs1928295
rs1808579
rs17024393
rs7141420
rs11727676
rs6567160
rs3736485
rs2245368
rs2176598
rs2033529
rs205262
rs10968576
rs10733682
rs1528435
rs12446632
rs2207139
rs16951275
rs1516725
rs7138803
rs1558902
rs12401738
rs17094222
rs11583200
rs17001654
rs7899106
rs10182181
rs10132280
rs3101336
rs543874
rs12286929
rs657452
rs13021737
rs17724992
rs6804842
rs11165643
rs13078960
rs16851483
rs2033732
rs2287019
rs10938397
rs2650492
rs2112347
rs7599312
rs6477694
rs11030104
rs3817334
rs1016287
rs29941
rs3888190
rs9925964
rs9923964
rs7243357
rs12940622
rs3849570
rs758747
rs1167827
rs1000940
rs4740619
rs2075650
rs13107325
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Gly_int_imputed.txt_adiposity_instruments.txt'

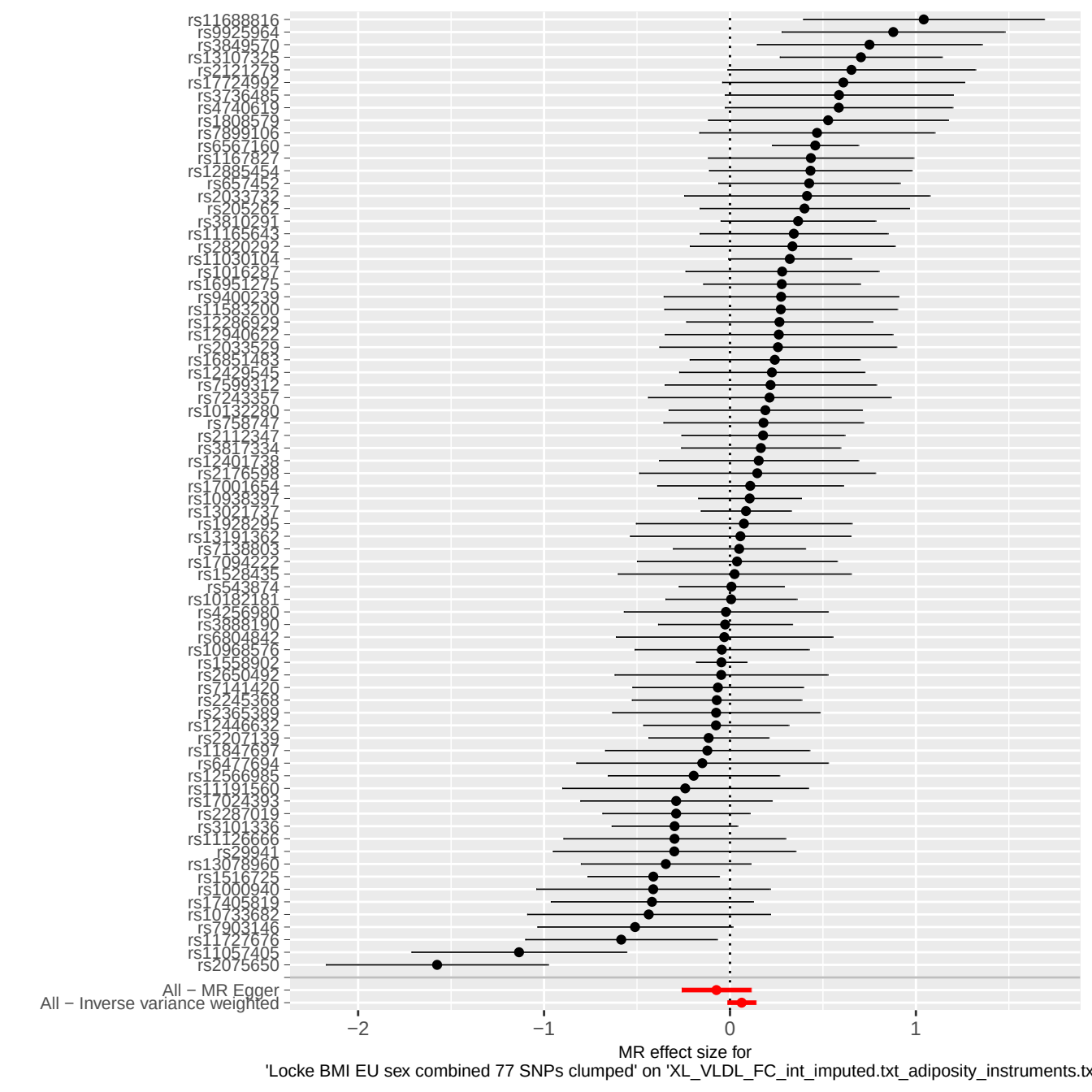

rs11688816
rs3736485
rs2112779
rs17724992
rs11165643
rs2287019
rs9925964
rs657452
rs11191560
rs4740619
rs12401738
rs12885454
rs16951275
rs11583200
rs1808579
rs11030104
rs12286929
rs9400239
rs10938397
rs7599312
rs6567160
rs7899106
rs3810291
rs12429545
rs2033732
rs1016287
rs6804842
rs13191362
rs758747
rs4256980
rs7141420
rs2820292
rs3849570
rs2245368
rs13107325
rs13021737
rs7903146
rs10132280
rs1528435
rs12446632
rs11847697
rs17094222
rs1928295
rs16851483
rs17001654
rs2207139
rs1558902
rs205262
rs7138803
rs12940622
rs3888190
rs2365389
rs2033529
rs2650492
rs1167827
rs543874
rs17405819
rs3817334
rs3101336
rs10182181
rs1516725
rs10733682
rs13078960
rs12566985
rs2176598
rs10968576
rs7243357
rs11126666
rs11727676
rs29941
rs1000940
rs11057405
rs6477694
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_CE_int_imputed.txt_adiposity_instruments.txt'

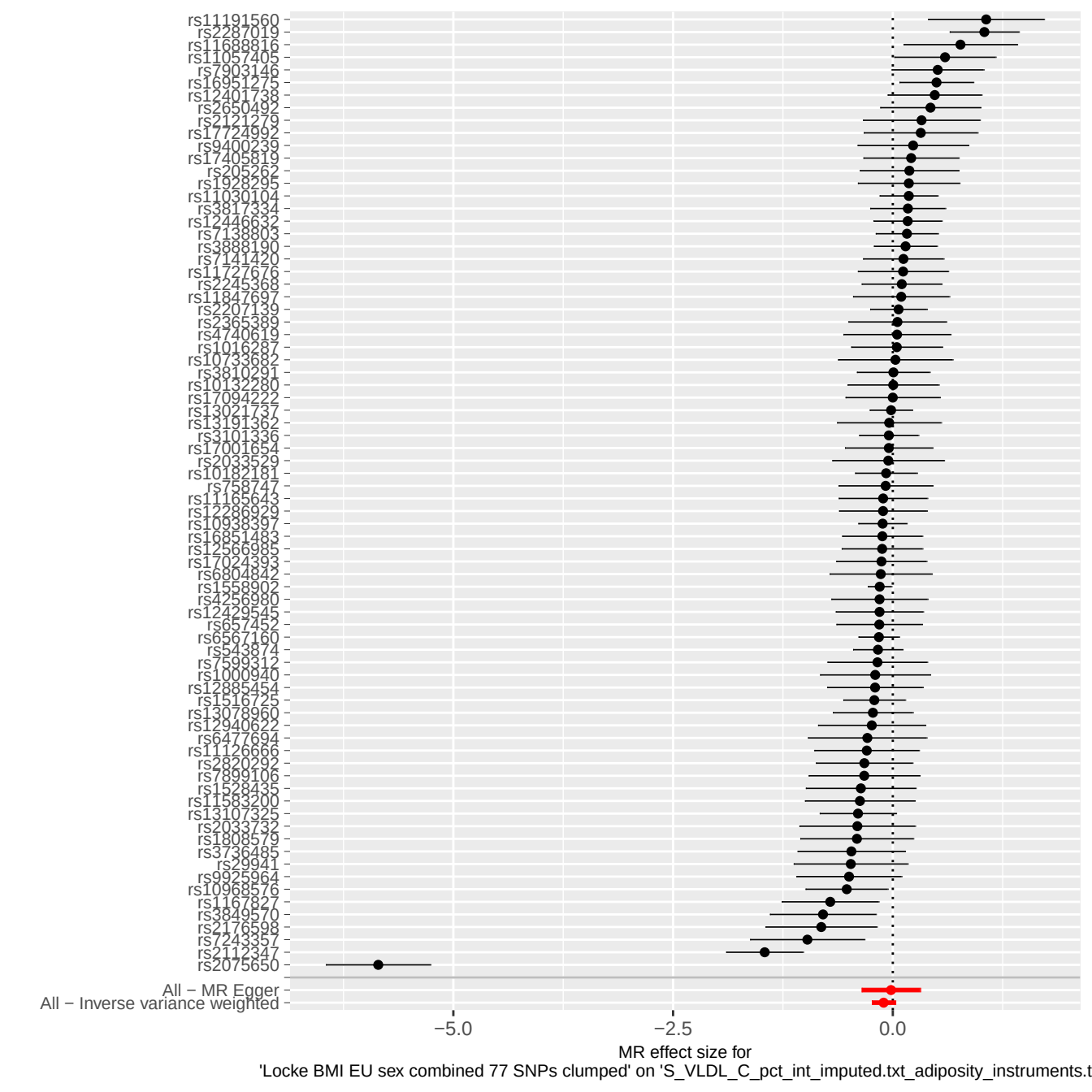

rs11688816
rs9925964
rs3849570
rs13107325
rs2121279
rs4740619
rs17724992
rs1808579
rs3736485
rs7899106
rs12885454
rs6567160
rs1167827
rs205262
rs657452
rs2033732
rs2820292
rs3810291
rs11583200
rs11165643
rs9400239
rs12286929
rs11030104
rs2112347
rs16951275
rs16851483
rs12940622
rs1016287
rs7599312
rs2033529
rs7243357
rs12429545
rs10132280
rs758747
rs2176598
rs3817334
rs12401738
rs10938397
rs17001654
rs13021737
rs1928295
rs13191362
rs17094222
rs1528435
rs10182181
rs543874
rs7138803
rs6804842
rs4256980
rs10968576
rs3888190
rs1558902
rs2365389
rs2650492
rs12446632
rs7141420
rs2207139
rs2245368
rs11847697
rs6477694
rs12566985
rs29941
rs11126666
rs11191560
rs17024393
rs3101336
rs2287019
rs13078960
rs1000940
rs10733682
rs1516725
rs17405819
rs7903146
rs11727676
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_PL_int_imputed.txt_adiposity_instruments.tx

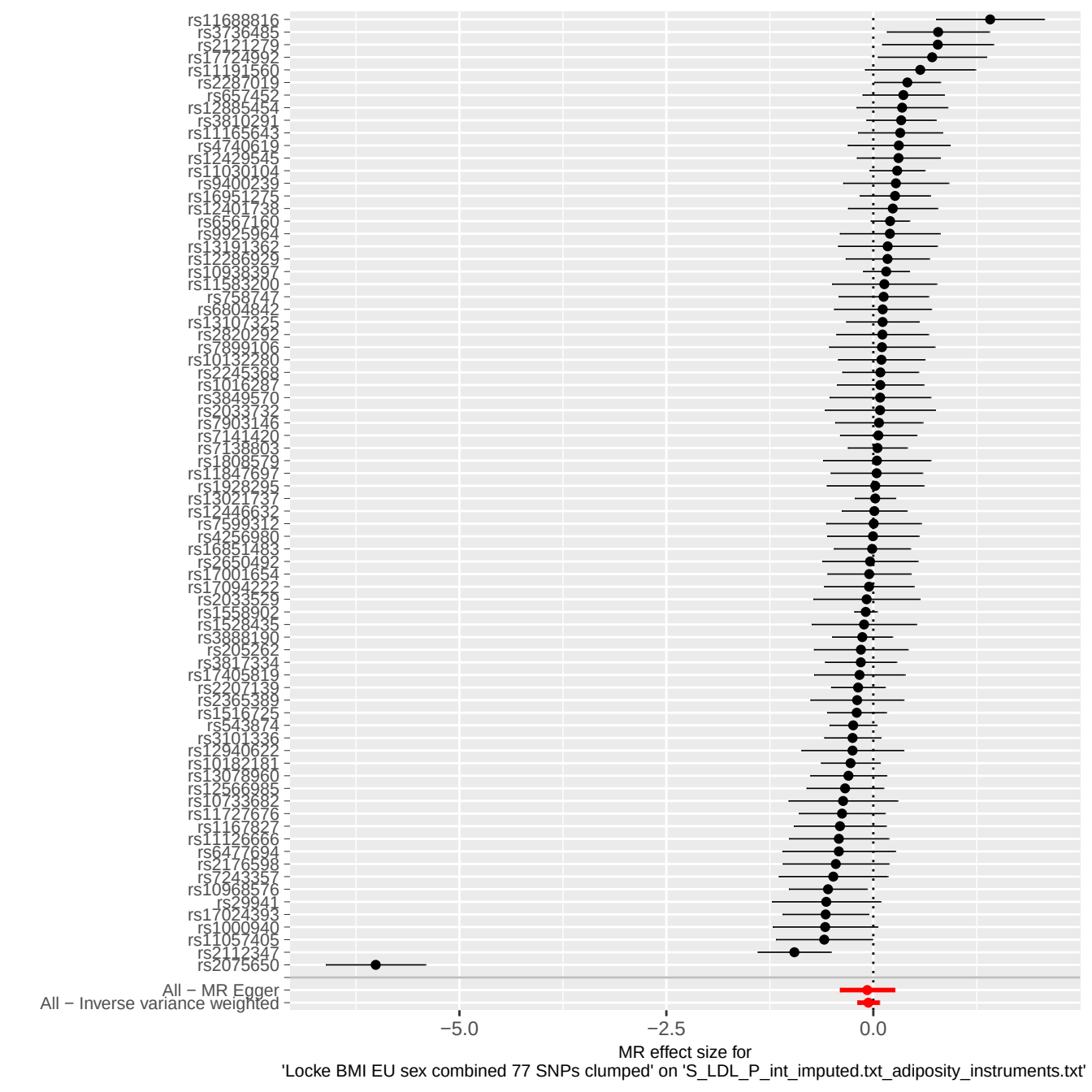

rs7243357
rs1808579
rs10733682
rs17024393
rs1000940
rs3817334
rs758747
rs11126666
rs12940622
rs3810291
rs1516725
rs12885454
rs2365389
rs2033732
rs543874
rs2287019
rs7903146
rs11847697
rs1528435
rs205262
rs6477694
rs2121279
rs13191362
rs10968576
rs6567160
rs2207139
rs11030104
rs11688816
rs4256980
rs2245368
rs7138803
rs1558902
rs9400239
rs10938397
rs7599312
rs12446632
rs3888190
rs13107325
rs13021737
rs29941
rs2033529
rs11165643
rs12401738
rs17724992
rs17405819
rs2075650
rs2820292
rs9925964
rs1167827
rs2650492
rs12566985
rs11727676
rs17001654
rs3101336
rs12429545
rs16851483
rs1016287
rs13078960
rs11057405
rs7141420
rs16951275
rs17094222
rs4740619
rs12286929
rs2112347
rs657452
rs10132280
rs3736485
rs10182181
rs2176598
rs11583200
rs3849570
rs7899106
rs6804842
rs1928295
rs11191560
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Citrate_int_imputed.txt_adiposity_instruments.txt'

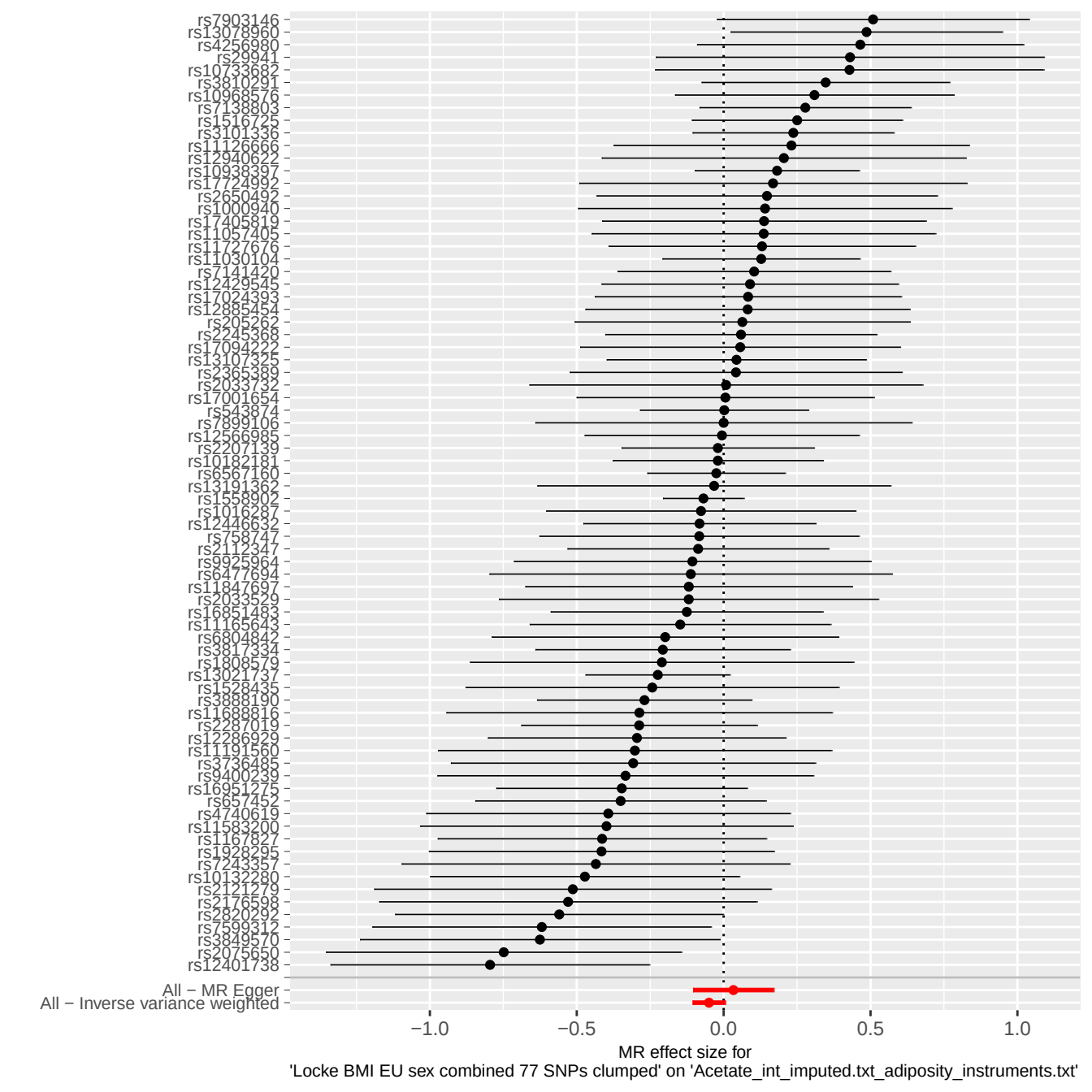

rs11057405
rs1516725
rs7903146
rs2287019
rs11191560
rs10733682
rs17405819
rs11727676
rs11126666
rs1000940
rs13078960
rs3101336
rs29941
rs11847697
rs2207139
rs6804842
rs7141420
rs2365389
rs2245368
rs1558902
rs10938397
rs1528435
rs1928295
rs12446632
rs10968576
rs12401738
rs17094222
rs4256980
rs3888190
rs7138803
rs12566985
rs543874
rs2650492
rs17024393
rs16951275
rs758747
rs10132280
rs7599312
rs13191362
rs13021737
rs17001654
rs2820292
rs6477694
rs657452
rs11165643
rs11030104
rs12940622
rs10182181
rs12885454
rs11583200
rs3736485
rs16851483
rs6567160
rs12429545
rs1808579
rs9400239
rs3810291
rs17724992
rs2176598
rs7243357
rs12286929
rs1016287
rs2033732
rs2121279
rs11688816
rs2033529
rs7899106
rs1167827
rs4740619
rs9925964
rs3817334
rs205262
rs3849570
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_C_pct_int_imputed.txt_adiposity_instruments.tx

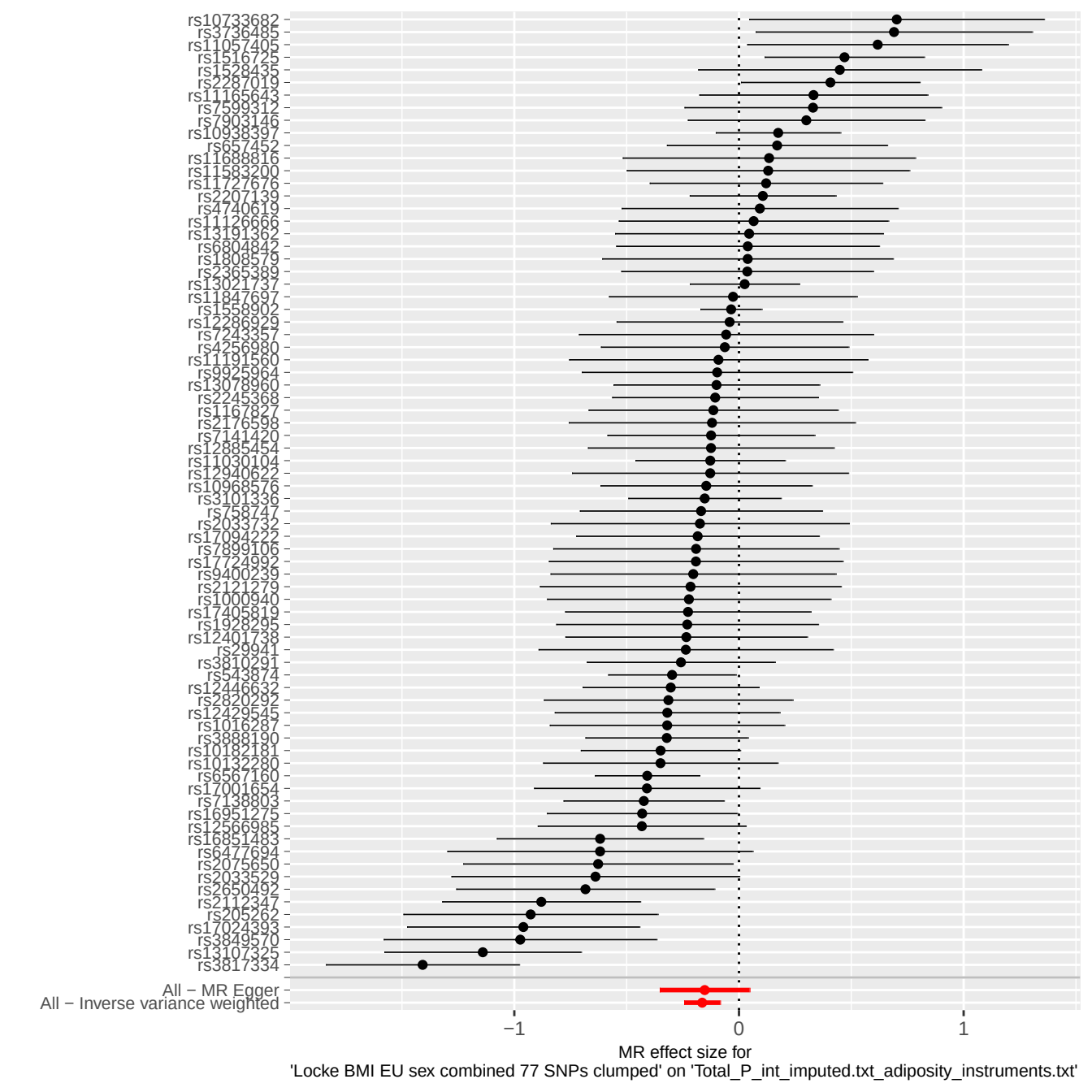

rs11688816
rs9925964
rs3736485
rs17724992
rs2121279
rs3849570
rs4740619
rs13107325
rs1808579
rs657452
rs12885454
rs7899106
rs6567160
rs2033732
rs11165643
rs11030104
rs3810291
rs9400239
rs11583200
rs12286929
rs2820292
rs12429545
rs1167827
rs1016287
rs12940622
rs2033529
rs758747
rs205262
rs16951275
rs7243357
rs7599312
rs10132280
rs10938397
rs16851483
rs2176598
rs12401738
rs13021737
rs13191362
rs1928295
rs17001654
rs7138803
rs1528435
rs3817334
rs6804842
rs4256980
rs2245368
rs17094222
rs7141420
rs2112347
rs1558902
rs543874
rs10182181
rs11847697
rs2365389
rs3888190
rs12446632
rs2650492
rs2207139
rs11191560
rs10968576
rs2287019
rs6477694
rs12566985
rs13078960
rs3101336
rs11126666
rs1516725
rs10733682
rs7903146
rs17024393
rs29941
rs17405819
rs1000940
rs11727676
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'VLDL_L_int_imputed.txt_adiposity_instruments.txt'

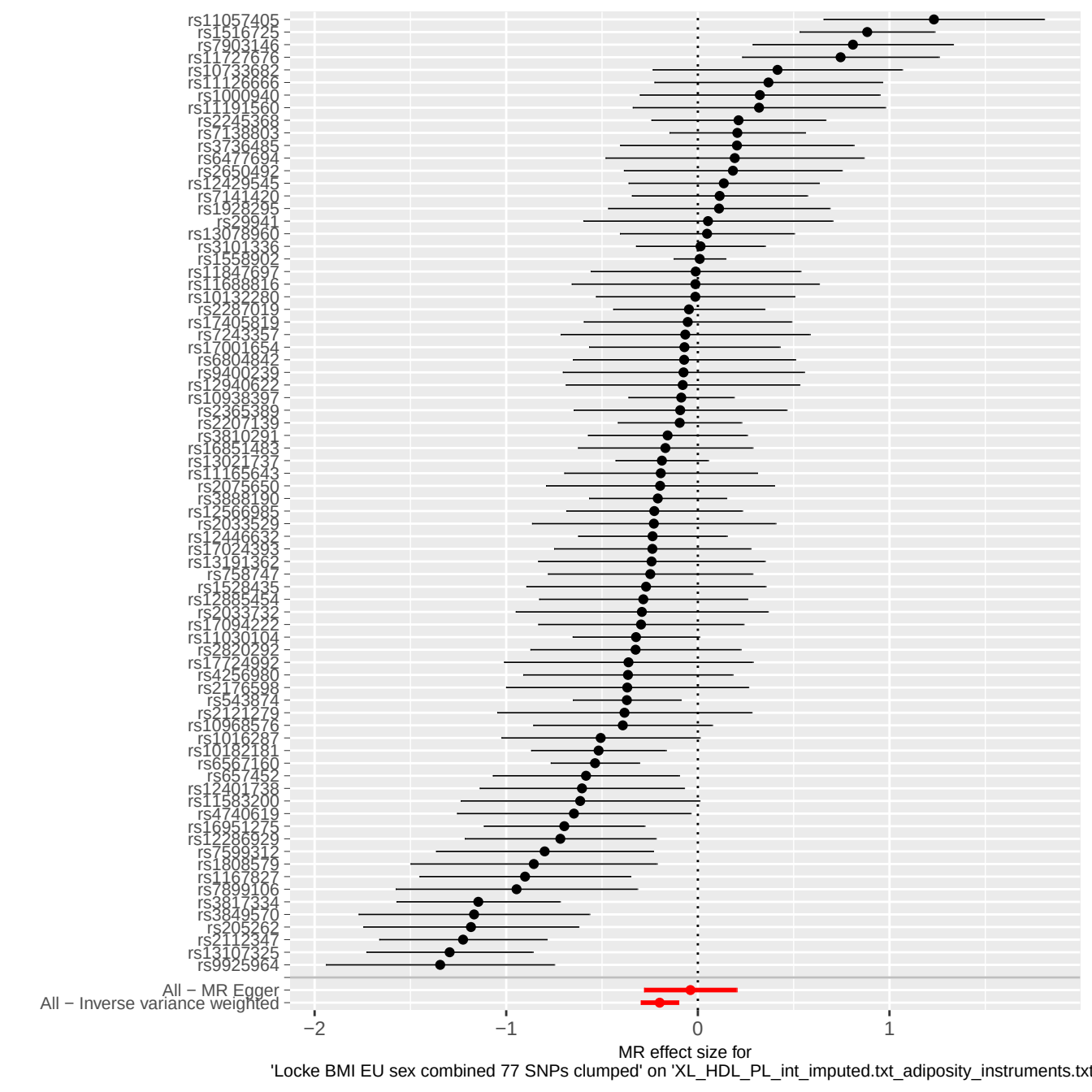

rs11688816
rs9925964
rs3849570
rs13107325
rs2121279
rs17724992
rs3736485
rs4740619
rs1808579
rs7899106
rs6567160
rs1167827
rs12885454
rs657452
rs2033732
rs205262
rs3810291
rs11165643
rs2820292
rs11030104
rs10016287
rs16951275
rs9400239
rs11583200
rs12286929
rs12940622
rs2033529
rs16851483
rs12429545
rs7559312
rs7243357
rs10132280
rs758747
rs2112347
rs3817334
rs12401738
rs2176598
rs17001654
rs10938397
rs13021737
rs1928295
rs13191362
rs7138803
rs17094222
rs1528435
rs543874
rs10182181
rs4256980
rs3888190
rs6804842
rs10968576
rs1558902
rs2650492
rs7141420
rs2245368
rs2365389
rs12446632
rs2207139
rs11847697
rs6477694
rs12566985
rs11191560
rs17024393
rs2287019
rs3101336
rs11126666
rs29941
rs13078960
rs1516725
rs1000940
rs17405819
rs10733682
rs7903146
rs11727676
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_FC_int_imputed.txt_adiposity_instruments.tx

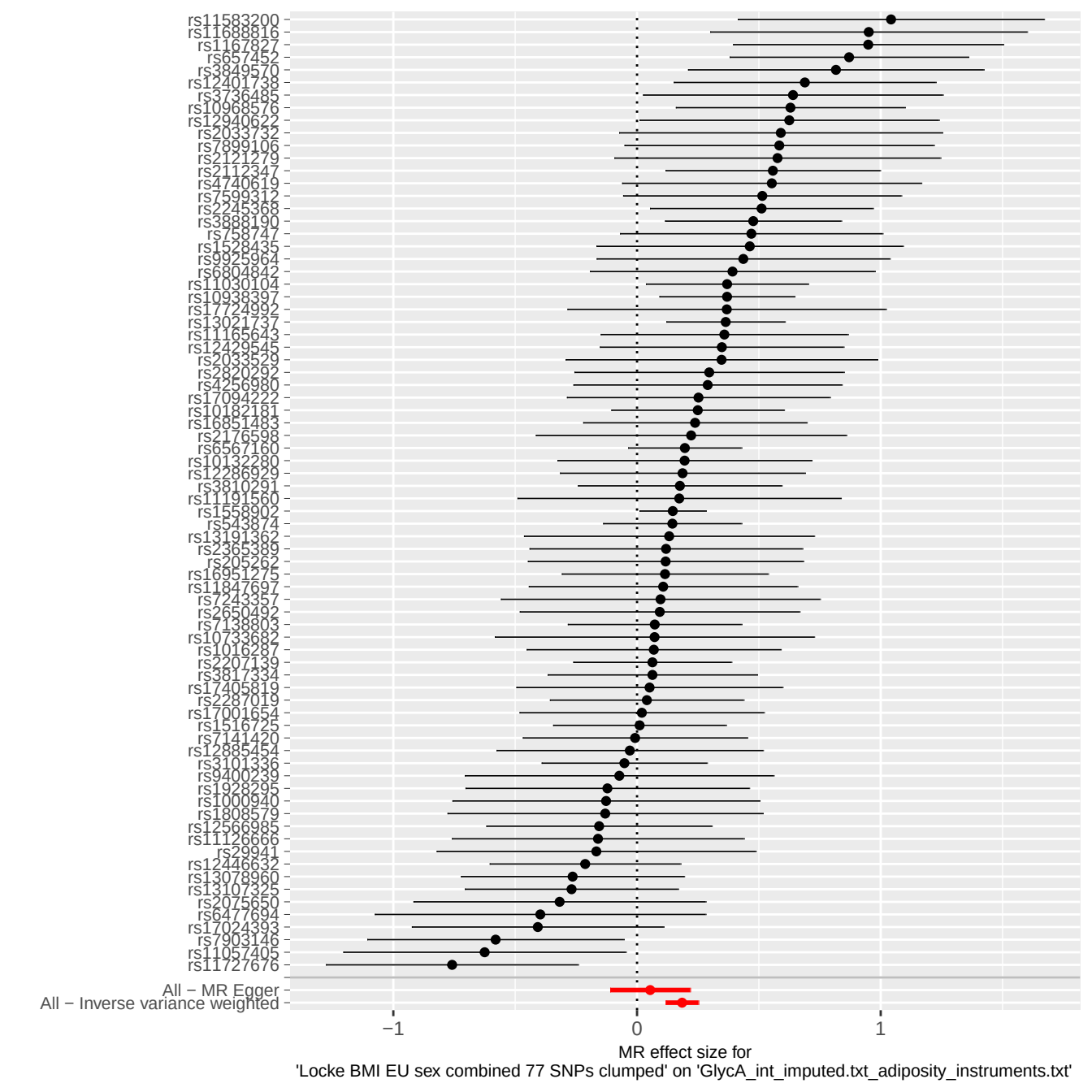

rs11191560
rs2287019
rs11688816
rs11057405
rs7903146
rs16951275
rs12401738
rs2650492
rs2121279
rs17724992
rs9400239
rs17405819
rs205262
rs1928295
rs11030104
rs3817334
rs12446632
rs7138803
rs3888190
rs7141420
rs11727676
rs2245368
rs11847697
rs2207139
rs2365389
rs4740619
rs1016287
rs10733682
rs3810291
rs10132280
rs17094222
rs13021737
rs13191362
rs3101336
rs17001654
rs2033529
rs10182181
rs758747
rs11165643
rs12286929
rs10938397
rs16851483
rs12566985
rs17024393
rs6804842
rs1558902
rs4256980
rs12429545
rs657452
rs6567160
rs543874
rs7599312
rs1000940
rs12885454
rs1516725
rs13078960
rs12940622
rs6477694
rs11126666
rs2820292
rs7899106
rs1528435
rs11583200
rs13107325
rs2033732
rs1808579
rs3736485
rs29941
rs9925964
rs10968576
rs1167827
rs3849570
rs2176598
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_C_pct_int_imputed.txt_adiposity_instruments.t

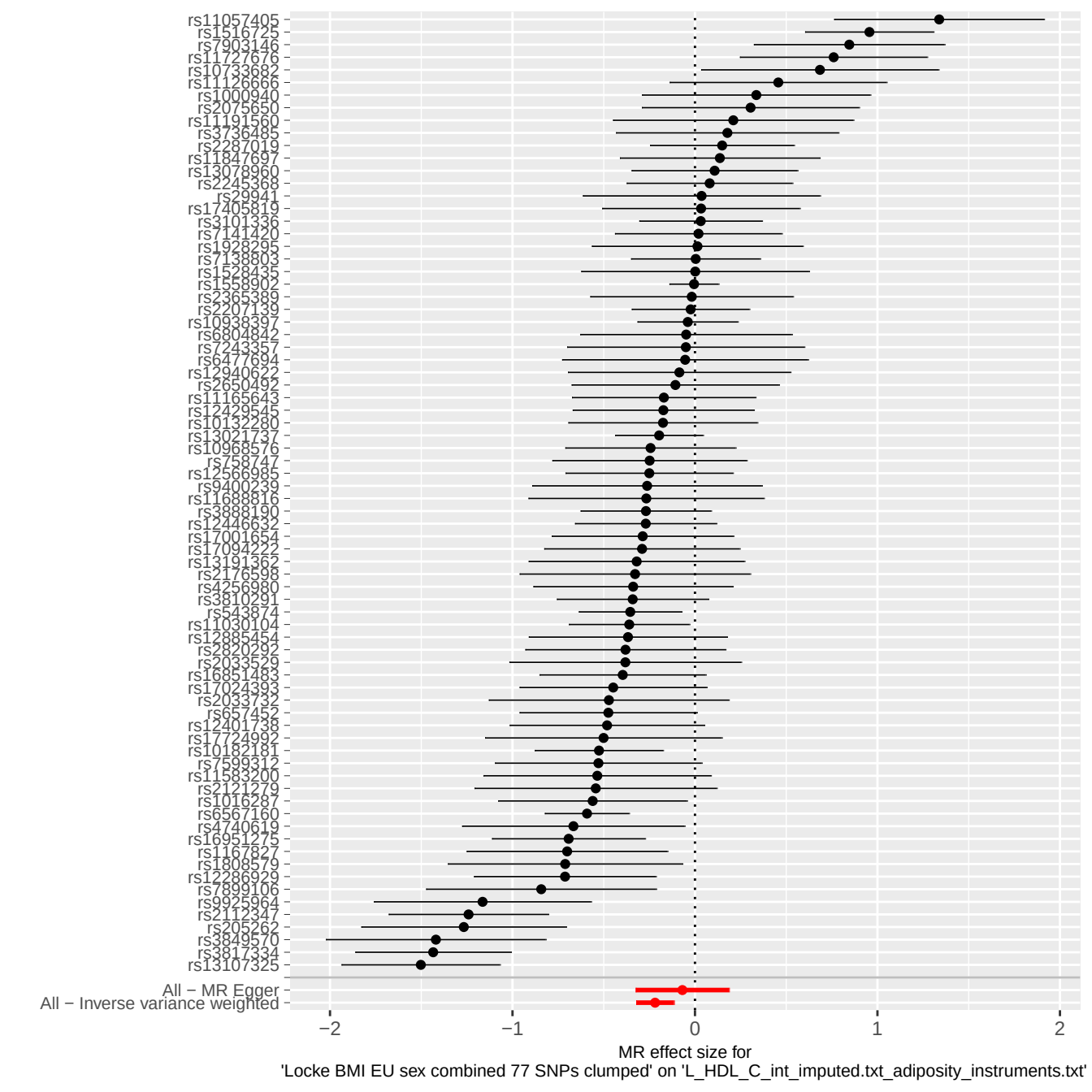

rs11688816
rs3736485
rs2121279
rs17724992
rs11191560
rs2287019
rs657452
rs12885454
rs3810291
rs11165643
rs4740619
rs12429545
rs11030104
rs9400239
rs16951275
rs12401738
rs6567160
rs9925964
rs13191362
rs12286929
rs10938397
rs11583200
rs758747
rs6804842
rs13107325
rs2820292
rs7899106
rs10132280
rs2245368
rs1016287
rs3849570
rs2033732
rs7903146
rs7141420
rs7138803
rs1808579
rs11847697
rs1928295
rs13021737
rs12446632
rs7599312
rs4256980
rs16851483
rs2650492
rs17001654
rs17094222
rs2033529
rs1558902
rs1528435
rs3888190
rs205262
rs3817334
rs17405819
rs2207139
rs2365389
rs1516725
rs543874
rs3101336
rs12940622
rs10182181
rs13078960
rs12566985
rs10733682
rs11727676
rs1167827
rs11126666
rs6477694
rs2176598
rs7243357
rs10968576
rs29941
rs17024393
rs1000940
rs11057405
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_P_int_imputed.txt_adiposity_instruments.txt'

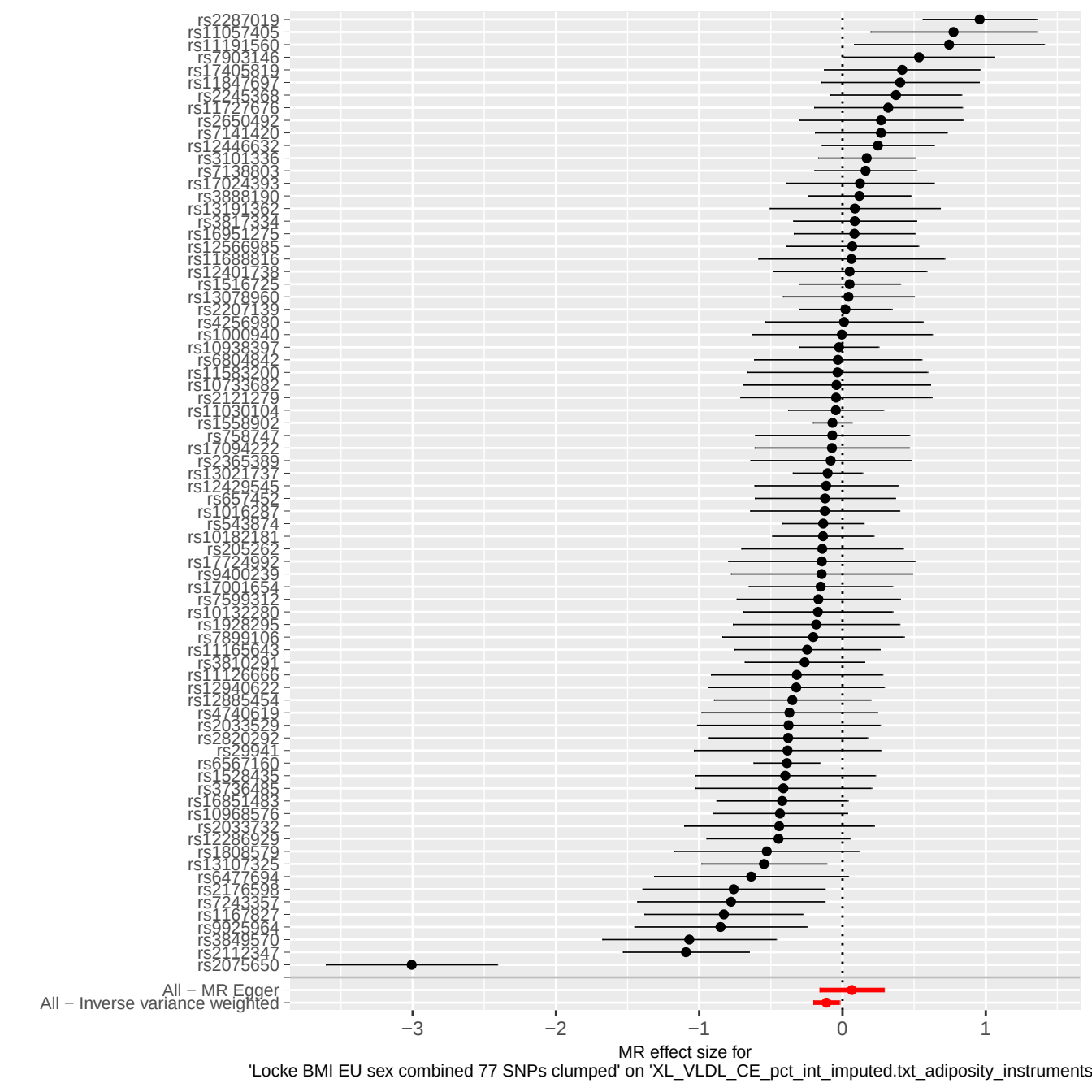

rs7903146
rs13078960
rs4256980
rs29941
rs10733682
rs3810291
rs10968576
rs7138803
rs1516725
rs3101336
rs11126666
rs12940622
rs10938397
rs17724992
rs2650492
rs1000940
rs17405819
rs11057405
rs11727676
rs11030104
rs7141420
rs12429545
rs17024393
rs12885454
rs205262
rs2245368
rs17094222
rs13107325
rs2365389
rs2033732
rs17001654
rs543874
rs7899106
rs12566985
rs2207139
rs10182181
rs6567160
rs13191362
rs1558902
rs1016287
rs12446632
rs758747
rs2112347
rs9925964
rs6477694
rs11847697
rs2033529
rs16851483
rs11165643
rs6804842
rs3817334
rs1808579
rs13021737
rs1528435
rs3888190
rs11688816
rs2287019
rs12286929
rs11191560
rs3736485
rs9400239
rs16951275
rs657452
rs4740619
rs11583200
rs1167827
rs1928295
rs7243357
rs10132280
rs2121279
rs2176598
rs2820292
rs7599312
rs3849570
rs2075650
rs12401738
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Acetate_int_imputed.txt_adiposity_instruments.txt'

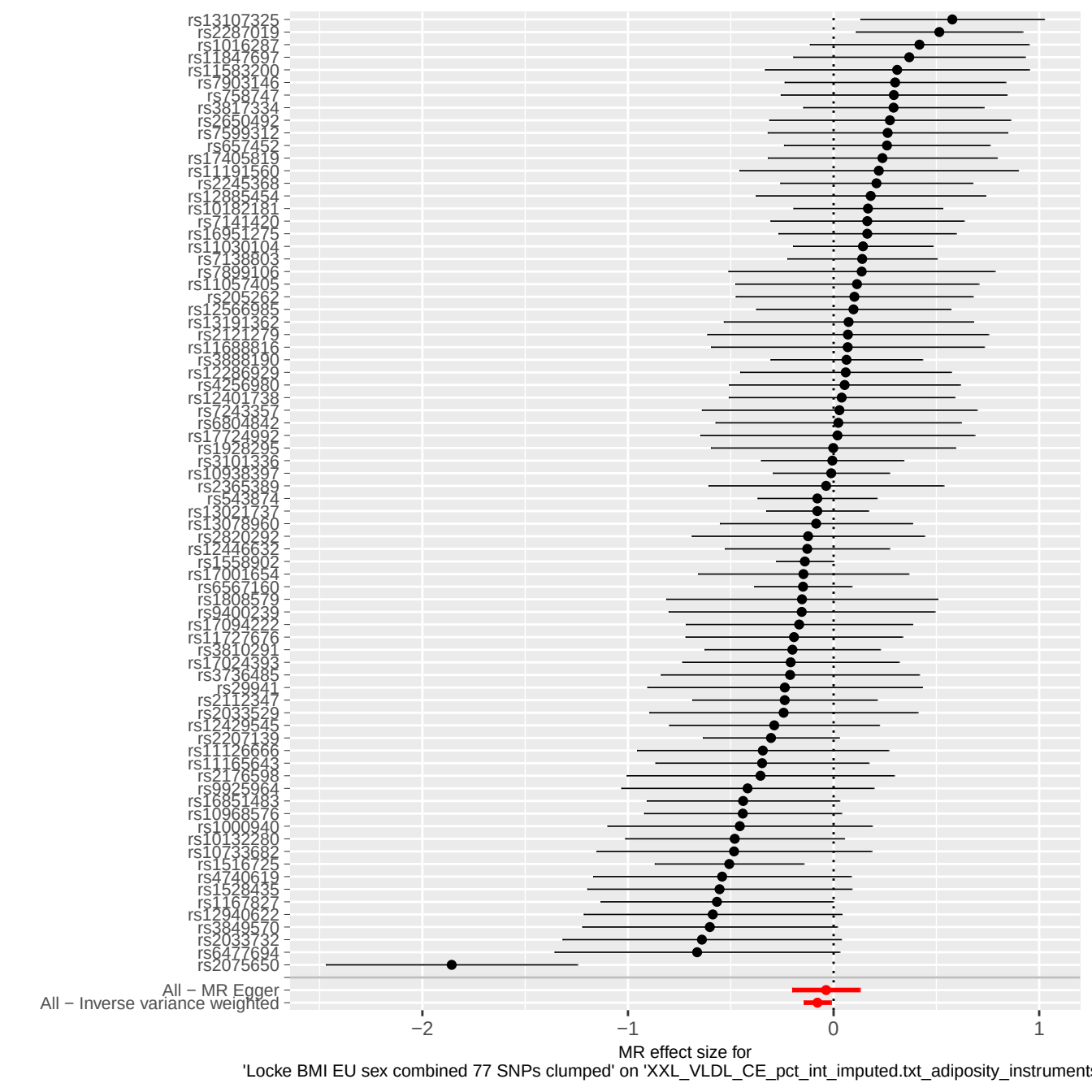

rs10733682
rs3736485
rs11057405
rs1516725
rs1528435
rs2287019
rs11165643
rs7599312
rs7903146
rs10938397
rs657452
rs11688816
rs11583200
rs11727676
rs2207139
rs4740619
rs11126666
rs13191362
rs6804842
rs1808579
rs2365389
rs13021737
rs11847697
rs1558902
rs12286929
rs7243357
rs4256980
rs11191560
rs9925964
rs13078960
rs2245368
rs1167827
rs2176598
rs7141420
rs12885454
rs11030104
rs12940622
rs10968576
rs3101336
rs758747
rs2033732
rs17094222
rs7899106
rs17724992
rs9400239
rs2121279
rs1000940
rs17405819
rs1928295
rs12401738
rs29941
rs3810291
rs543874
rs12446632
rs2820292
rs12429545
rs1016287
rs3888190
rs10182181
rs10132280
rs6567160
rs17001654
rs7138803
rs16951275
rs12566985
rs16851483
rs6477694
rs2075650
rs2033529
rs2650492
rs2112347
rs205262
rs17024393
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Total_P_int_imputed.txt_adiposity_instruments.txt'

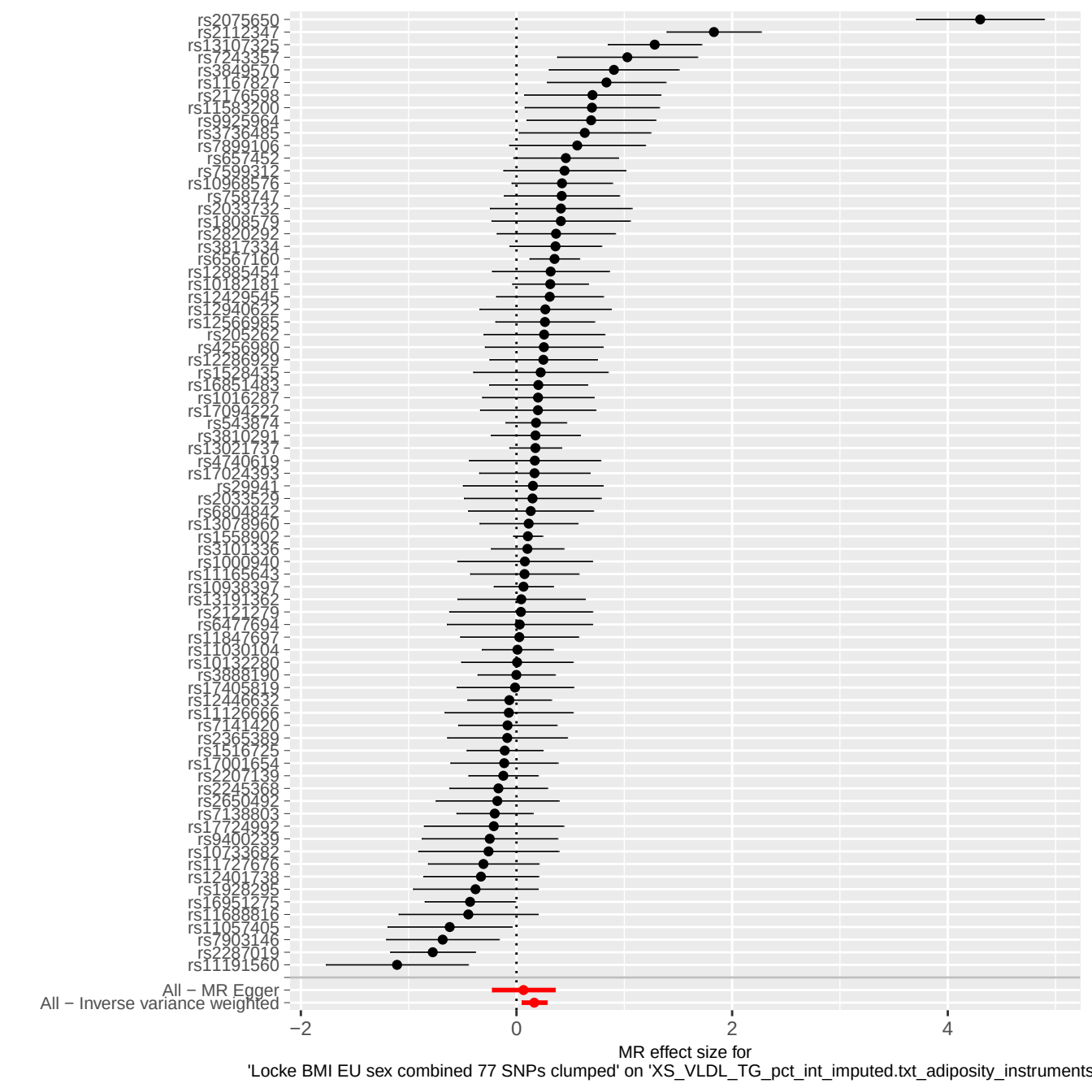

rs11057405
rs1516725
rs7903146
rs11727676
rs10733682
rs11126666
rs1000940
rs11191560
rs2245368
rs7138803
rs3736485
rs6477694
rs2650492
rs12429545
rs7141420
rs1928295
rs29941
rs13078960
rs3101336
rs1558902
rs11847697
rs11688816
rs10132280
rs2287019
rs17405819
rs7243357
rs17001654
rs6804842
rs9400239
rs12940622
rs10938397
rs2365389
rs2207139
rs3810291
rs16851483
rs13021737
rs11165643
rs2075650
rs3888190
rs12566985
rs2033529
rs12446632
rs17024393
rs13191362
rs758747
rs1528435
rs12885454
rs2033732
rs17094222
rs11030104
rs2820292
rs17724992
rs4256980
rs2176598
rs543874
rs2121279
rs10968576
rs1016287
rs10182181
rs6567160
rs657452
rs12401738
rs11583200
rs4740619
rs16951275
rs12286929
rs7599312
rs1808579
rs1167827
rs7899106
rs3817334
rs3849570
rs205262
rs2112347
rs13107325
rs9925964
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_PL_int_imputed.txt_adiposity_instruments.txt

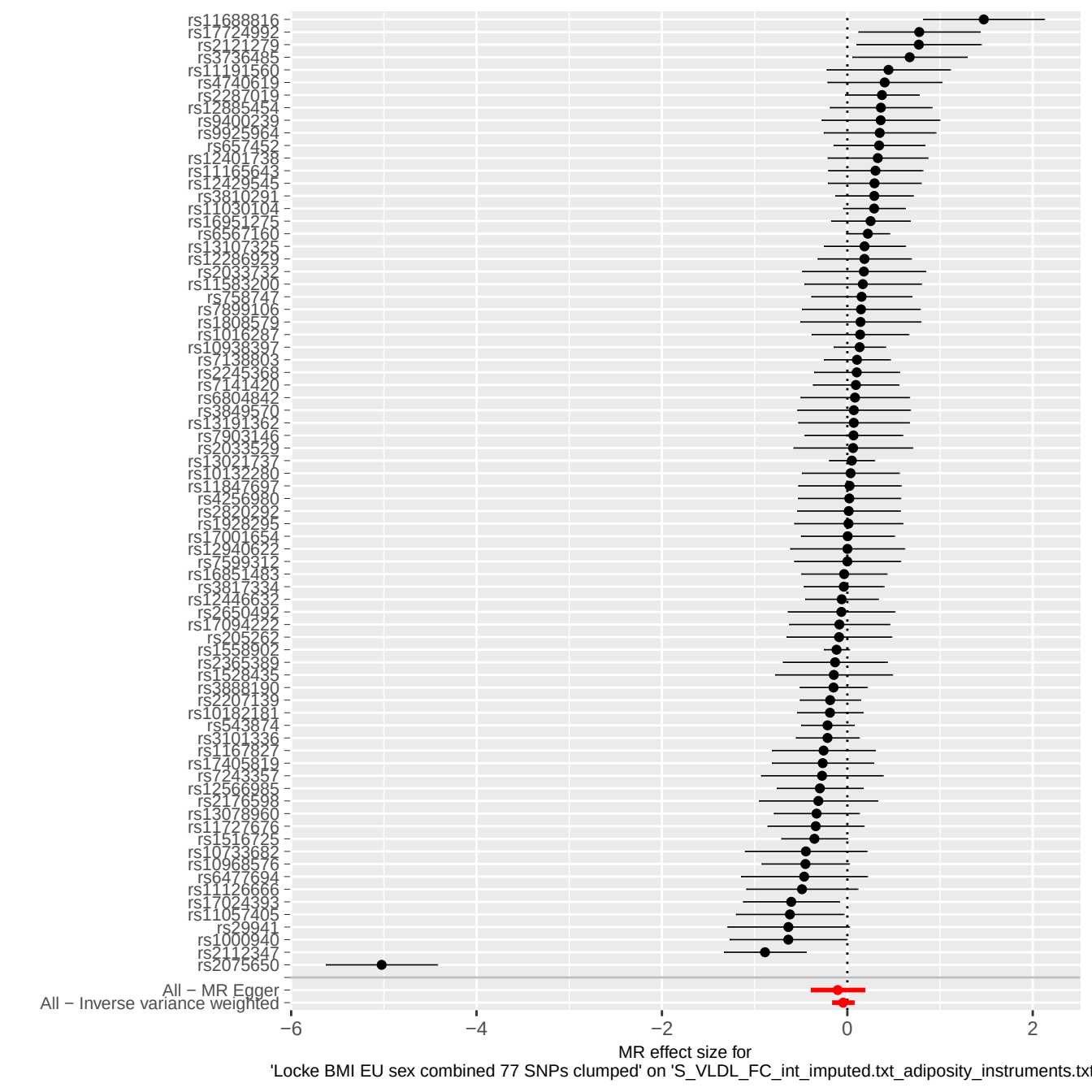

rs11583200
rs11688816
rs1167827
rs657452
rs3849570
rs12401738
rs3736485
rs10968576
rs12940622
rs2033732
rs7899106
rs2121279
rs2112347
rs4740619
rs7599312
rs2245368
rs3888190
rs758747
rs1528435
rs9925964
rs6804842
rs11030104
rs10938397
rs17724992
rs13021737
rs11165643
rs12429545
rs2033529
rs2820292
rs4256980
rs17094222
rs10182181
rs16851483
rs2176598
rs6567160
rs10132280
rs12286929
rs3810291
rs11191560
rs1558902
rs543874
rs13191362
rs2365389
rs205262
rs16951275
rs11847697
rs7243357
rs2650492
rs7138803
rs10733682
rs1016287
rs2207139
rs3817334
rs17405819
rs2287019
rs17001654
rs1516725
rs7141420
rs12885454
rs3101336
rs9400239
rs1928295
rs1000940
rs1808579
rs12566985
rs11126666
rs29941
rs12446632
rs13078960
rs13107325
rs2075650
rs6477694
rs17024393
rs7903146
rs11057405
rs11727676
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'GlycA_int_imputed.txt_adiposity_instruments.txt'

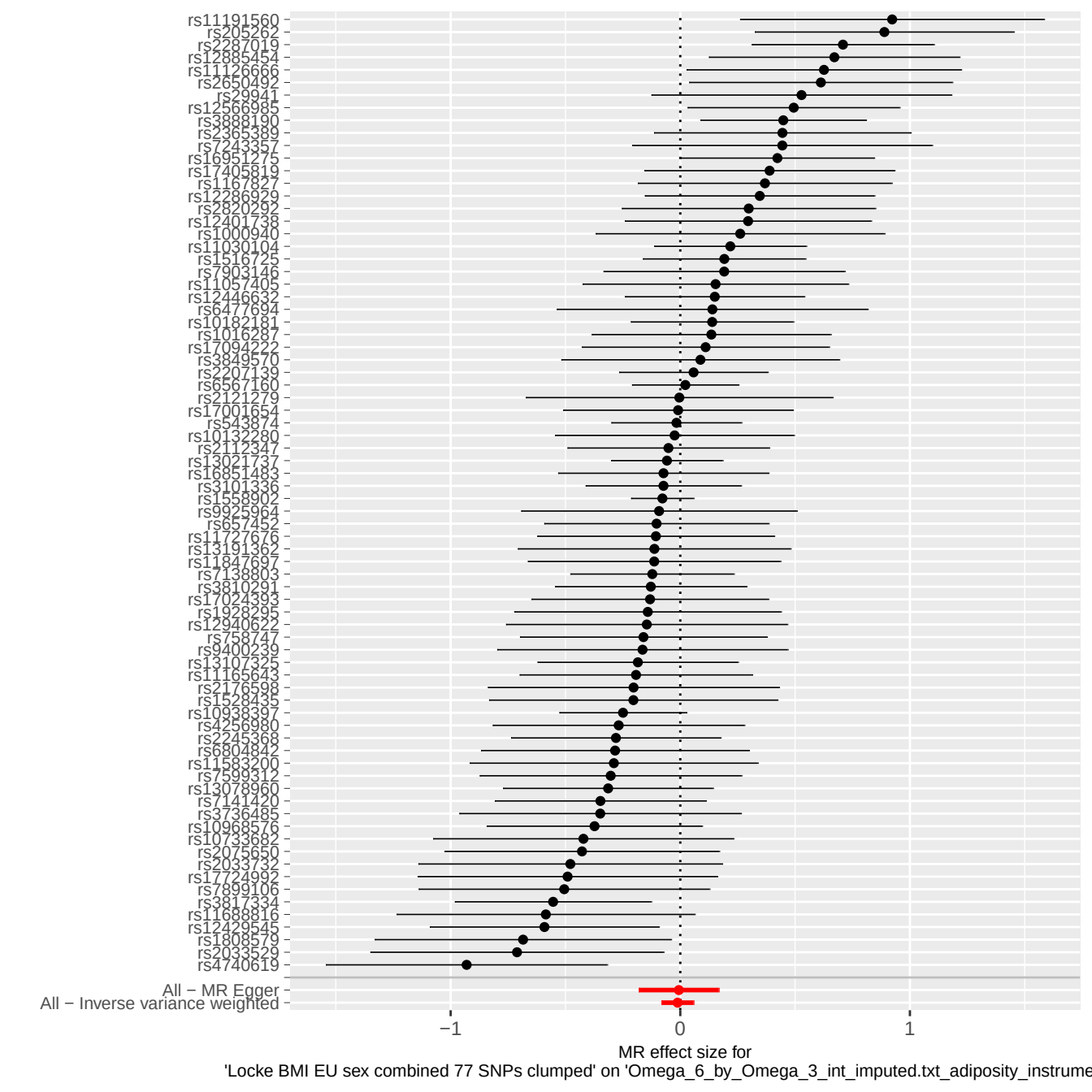

rs11057405
rs1516725
rs7903146
rs11727676
rs10733682
rs11126666
rs1000940
rs2075650
rs11191560
rs3736485
rs2287019
rs11847697
rs13078960
rs2245368
rs29941
rs17405819
rs3101336
rs7141420
rs1928295
rs7138803
rs1528435
rs1558902
rs2365389
rs2207139
rs10938397
rs6804842
rs7243357
rs6477694
rs12940622
rs2650492
rs11165643
rs12429545
rs10132280
rs13021737
rs10968576
rs758747
rs12566985
rs9400239
rs11688816
rs3888190
rs12446632
rs17001654
rs17094222
rs13191362
rs2176598
rs4256980
rs3810291
rs543874
rs11030104
rs12885454
rs2820292
rs2033529
rs16851483
rs17024393
rs2033732
rs657452
rs12401738
rs17724992
rs10182181
rs7599312
rs11583200
rs2121279
rs1016287
rs6567160
rs4740619
rs16951275
rs1167827
rs1808579
rs12286929
rs7899106
rs9925964
rs2112347
rs205262
rs3849570
rs3817334
rs13107325
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_C_int_imputed.txt_adiposity_instruments.txt'

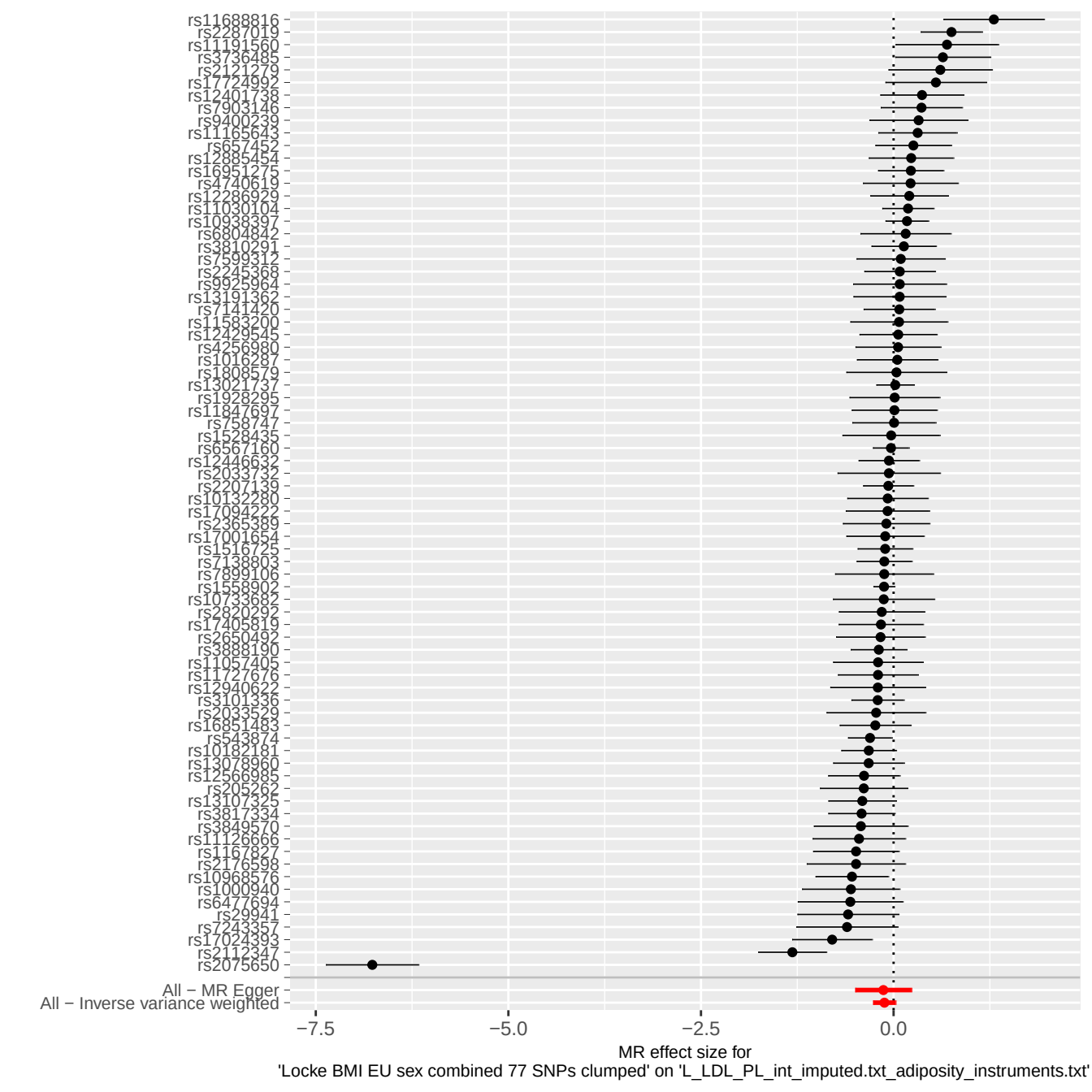

rs2287019
rs11057405
rs11191560
rs7903146
rs17405819
rs11847697
rs2245368
rs11727676
rs2650492
rs7141420
rs12446632
rs3101336
rs7138803
rs17024393
rs3888190
rs13191362
rs3817334
rs16951275
rs12566985
rs11688816
rs12401738
rs1516725
rs13078960
rs2207139
rs4256980
rs1000940
rs10938397
rs6804842
rs11583200
rs10733682
rs2121279
rs11030104
rs1558902
rs758747
rs17094222
rs2365389
rs13021737
rs12429545
rs657452
rs1016287
rs543874
rs10182181
rs205262
rs17724992
rs9400239
rs17001654
rs7599312
rs10132280
rs1928295
rs7899106
rs11165643
rs3810291
rs11126666
rs12940622
rs12885454
rs4740619
rs2033529
rs2820292
rs29941
rs6567160
rs1528435
rs3736485
rs16851483
rs10968576
rs2033732
rs12286929
rs1808579
rs13107325
rs6477694
rs2176598
rs7243357
rs1167827
rs9925964
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_CE_pct_int_imputed.txt_adiposity_instruments

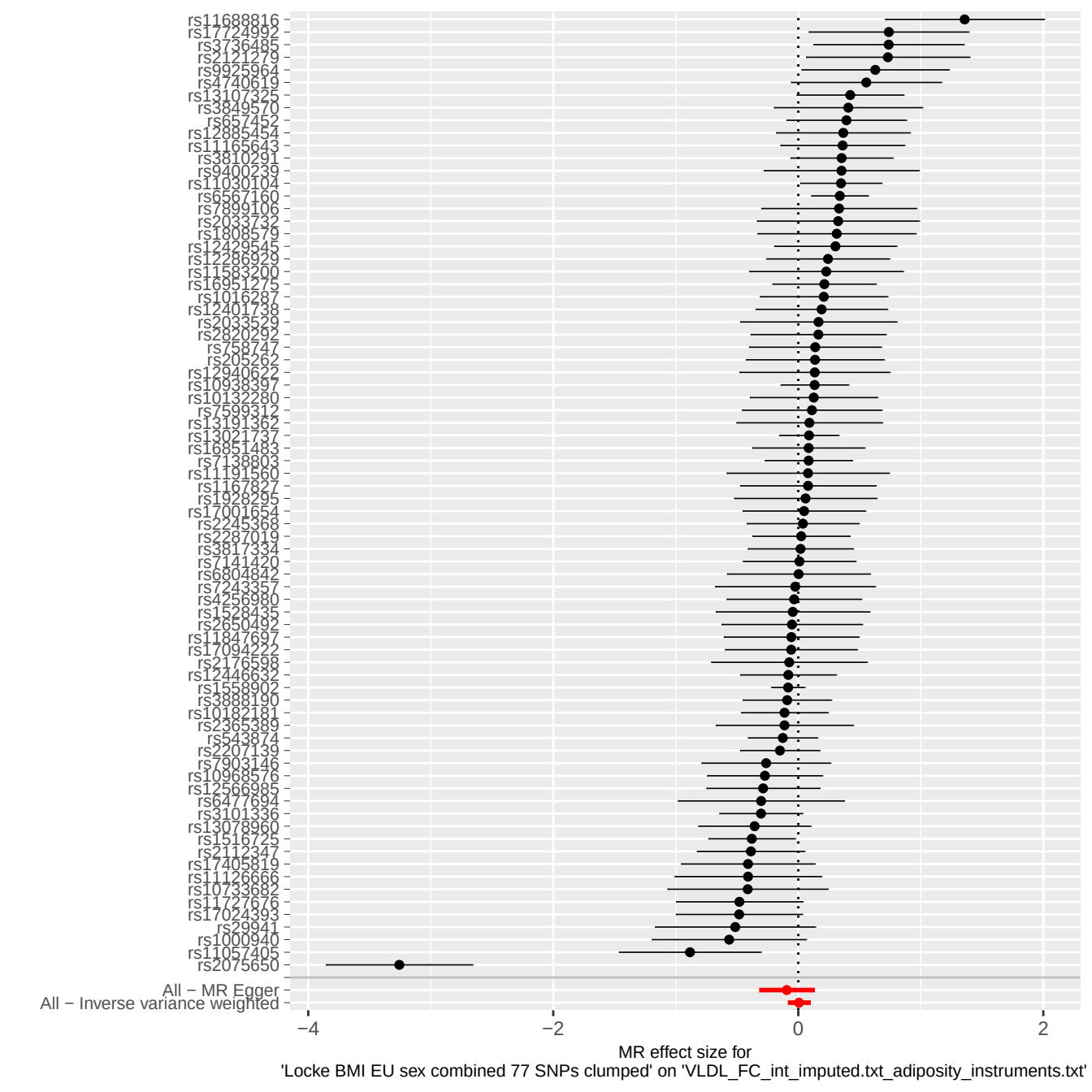

rs13107325
rs2287019
rs1016287
rs11847697
rs11583200
rs7903146
rs758747
rs3817334
rs2650492
rs7599312
rs657452
rs17405819
rs11191560
rs2245368
rs12885454
rs10182181
rs7141420
rs16951275
rs11030104
rs7138803
rs7899106
rs11057405
rs205262
rs12566985
rs13191362
rs2121279
rs11688816
rs3888190
rs12286929
rs4256980
rs12401738
rs7243357
rs6804842
rs17724992
rs1928295
rs3101336
rs10938397
rs2365389
rs543874
rs13021737
rs13078960
rs2820292
rs12446632
rs1558902
rs17001654
rs6567160
rs1808579
rs9400239
rs17094222
rs11727676
rs3810291
rs17024393
rs3736485
rs29941
rs2112347
rs2033529
rs12429545
rs2207139
rs11126666
rs11165643
rs2176598
rs9925964
rs16851483
rs10968576
rs1000940
rs10132280
rs10733682
rs1516725
rs4740619
rs1528435
rs1167827
rs12940622
rs3849570
rs2033732
rs6477694
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_CE_pct_int_imputed.txt_adiposity_instruments

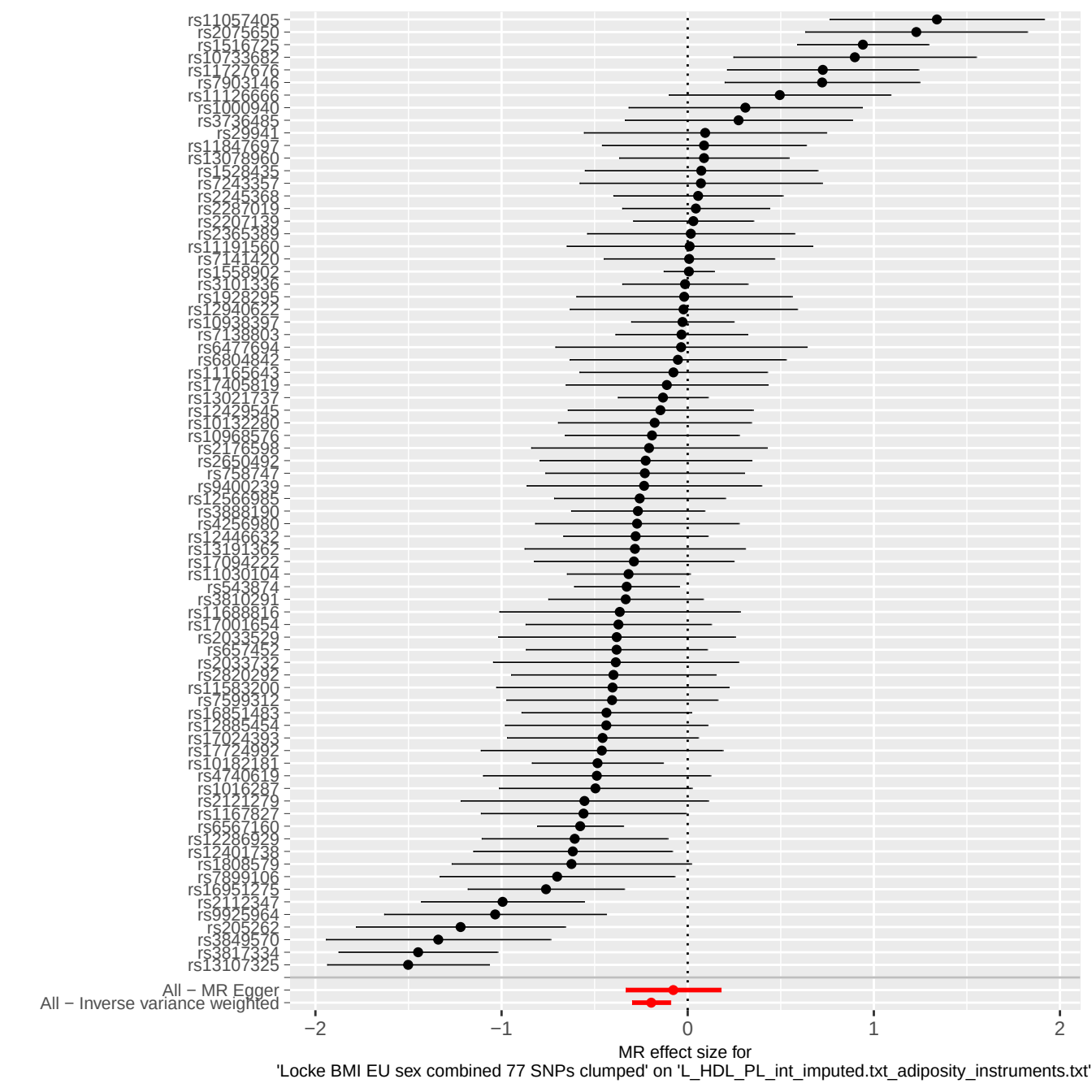

rs2075650
rs2112347
rs13107325
rs7243357
rs3849570
rs1167827
rs2176598
rs11583200
rs9925964
rs3736485
rs7899106
rs657452
rs7599312
rs10968576
rs758747
rs2033732
rs1808579
rs2820292
rs3817334
rs6567160
rs12885454
rs10182181
rs12429545
rs12940622
rs12566985
rs205262
rs4256980
rs12286929
rs1528435
rs16851483
rs1016287
rs17094222
rs543874
rs3810291
rs13021737
rs4740619
rs17024393
rs29941
rs2033529
rs6804842
rs13078960
rs1558902
rs3101336
rs1000940
rs11165643
rs10938397
rs13191362
rs2121279
rs6477694
rs11847697
rs11030104
rs10132280
rs3888190
rs17405819
rs12446632
rs11126666
rs7141420
rs2365389
rs1516725
rs17001654
rs2207139
rs2245368
rs2650492
rs7138803
rs17724992
rs9400239
rs10733682
rs11727676
rs12401738
rs1928295
rs16951275
rs11688816
rs11057405
rs7903146
rs2287019
rs11191560
All − MR Egger
All − Inverse variance weighted
−2
0
2
4
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_TG_pct_int_imputed.txt_adiposity_instruments

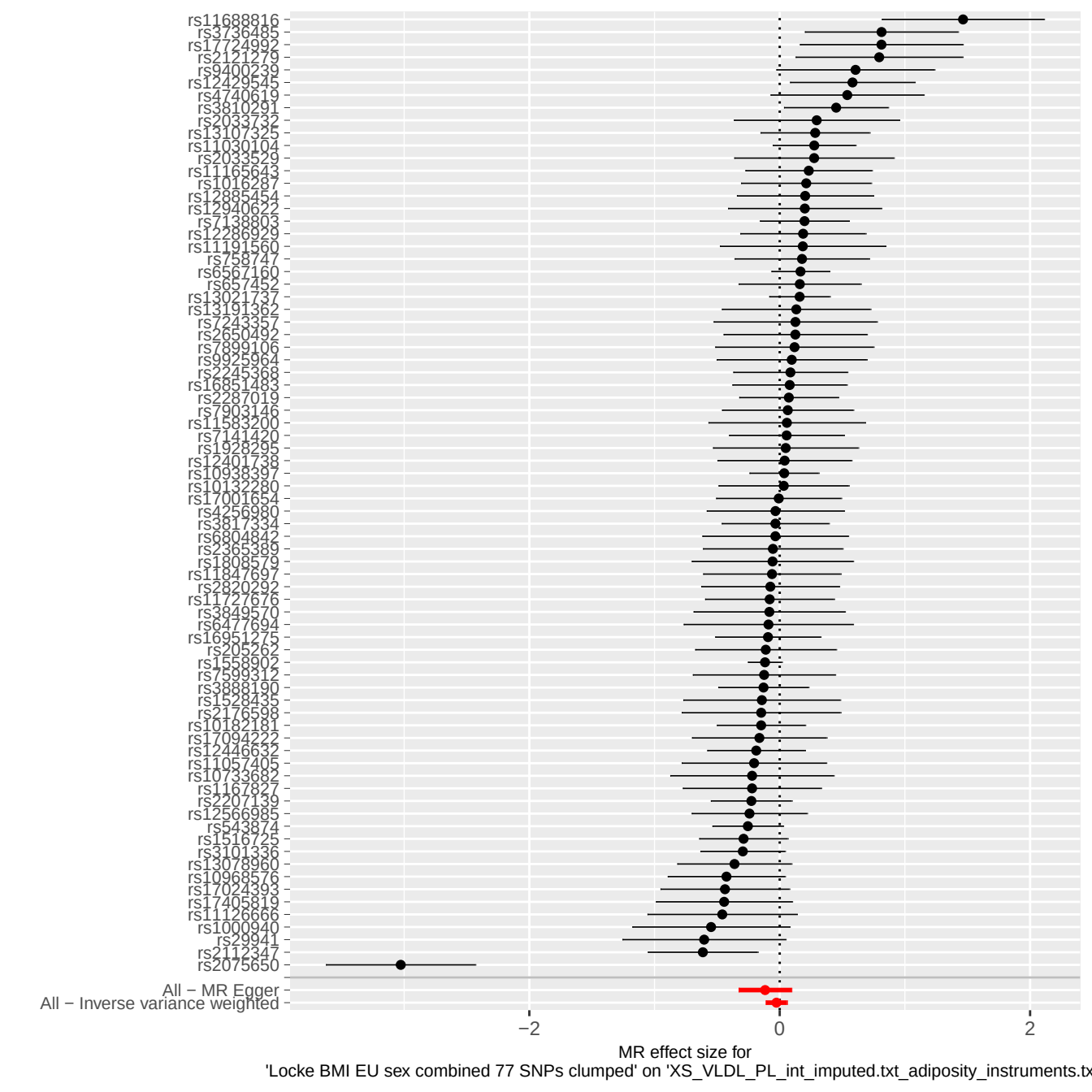

rs11688816
rs17724992
rs2121279
rs3736485
rs11191560
rs4740619
rs2287019
rs12885454
rs9400239
rs9925964
rs657452
rs12401738
rs11165643
rs12429545
rs3810291
rs11030104
rs16951275
rs6567160
rs13107325
rs12286929
rs2033732
rs11583200
rs758747
rs7899106
rs1808579
rs1016287
rs10938397
rs7138803
rs2245368
rs7141420
rs6804842
rs3849570
rs13191362
rs7903146
rs2033529
rs13021737
rs10132280
rs11847697
rs4256980
rs2820292
rs1928295
rs17001654
rs12940622
rs7599312
rs16851483
rs3817334
rs12446632
rs2650492
rs17094222
rs205262
rs1558902
rs2365389
rs1528435
rs3888190
rs2207139
rs10182181
rs543874
rs3101336
rs1167827
rs17405819
rs7243357
rs12566985
rs2176598
rs13078960
rs11727676
rs1516725
rs10733682
rs10968576
rs6477694
rs11126666
rs17024393
rs11057405
rs29941
rs1000940
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_FC_int_imputed.txt_adiposity_instruments.txt

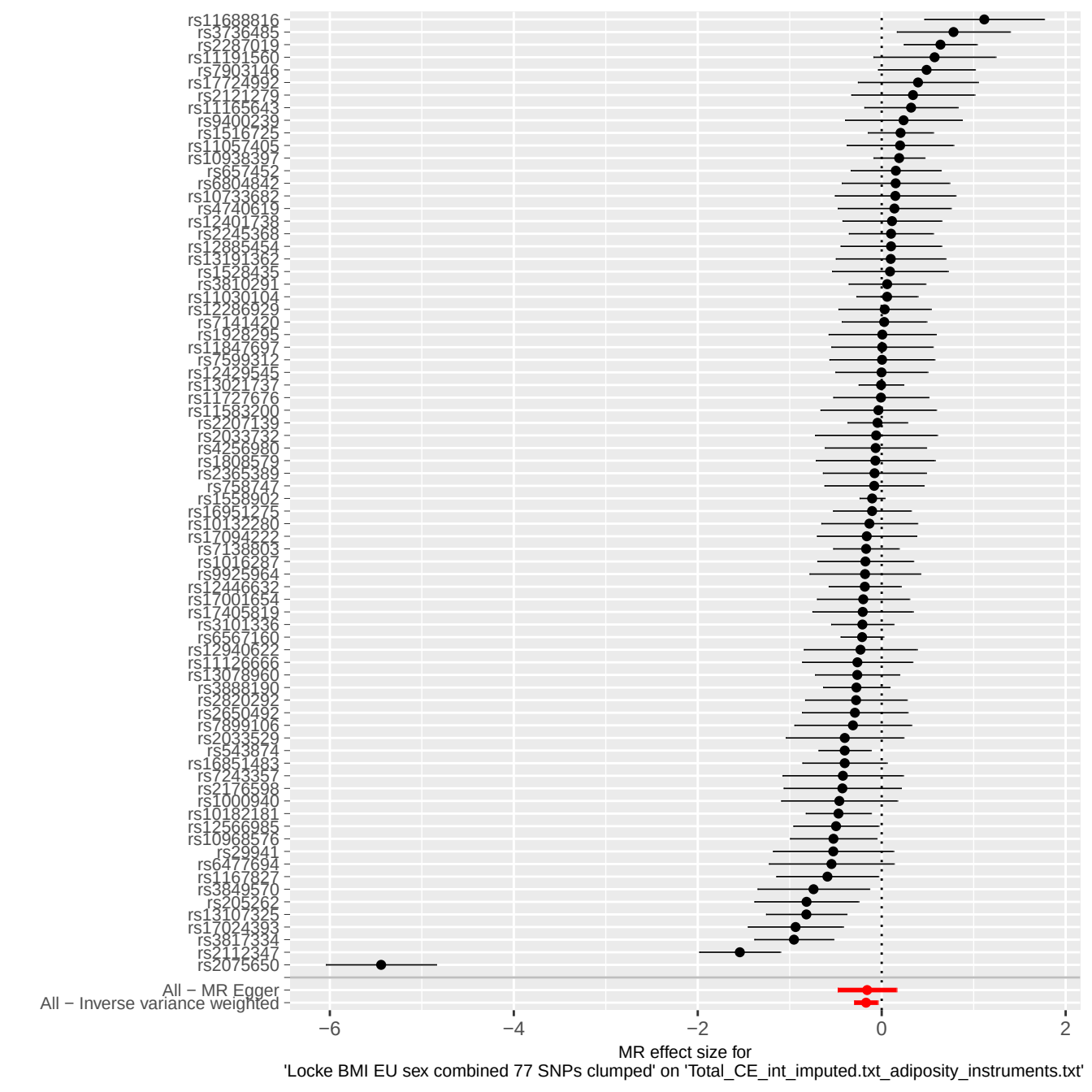

rs11191560
rs205262
rs2287019
rs12885454
rs11126666
rs2650492
rs29941
rs12566985
rs3888190
rs2365389
rs7243357
rs16951275
rs17405819
rs1167827
rs12286929
rs2820292
rs12401738
rs1000940
rs11030104
rs1516725
rs7903146
rs11057405
rs12446632
rs6477694
rs10182181
rs1016287
rs17094222
rs3849570
rs2207139
rs6567160
rs2121279
rs17001654
rs543874
rs10132280
rs2112347
rs13021737
rs16851483
rs3101336
rs1558902
rs9925964
rs657452
rs11727676
rs13191362
rs11847697
rs7138803
rs3810291
rs17024393
rs1928295
rs12940622
rs758747
rs9400239
rs13107325
rs11165643
rs2176598
rs1528435
rs10938397
rs4256980
rs2245368
rs6804842
rs11583200
rs7599312
rs13078960
rs7141420
rs3736485
rs10968576
rs10733682
rs2075650
rs2033732
rs17724992
rs7899106
rs3817334
rs11688816
rs12429545
rs1808579
rs2033529
rs4740619
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Omega_6_by_Omega_3_int_imputed.txt_adiposity_instrume

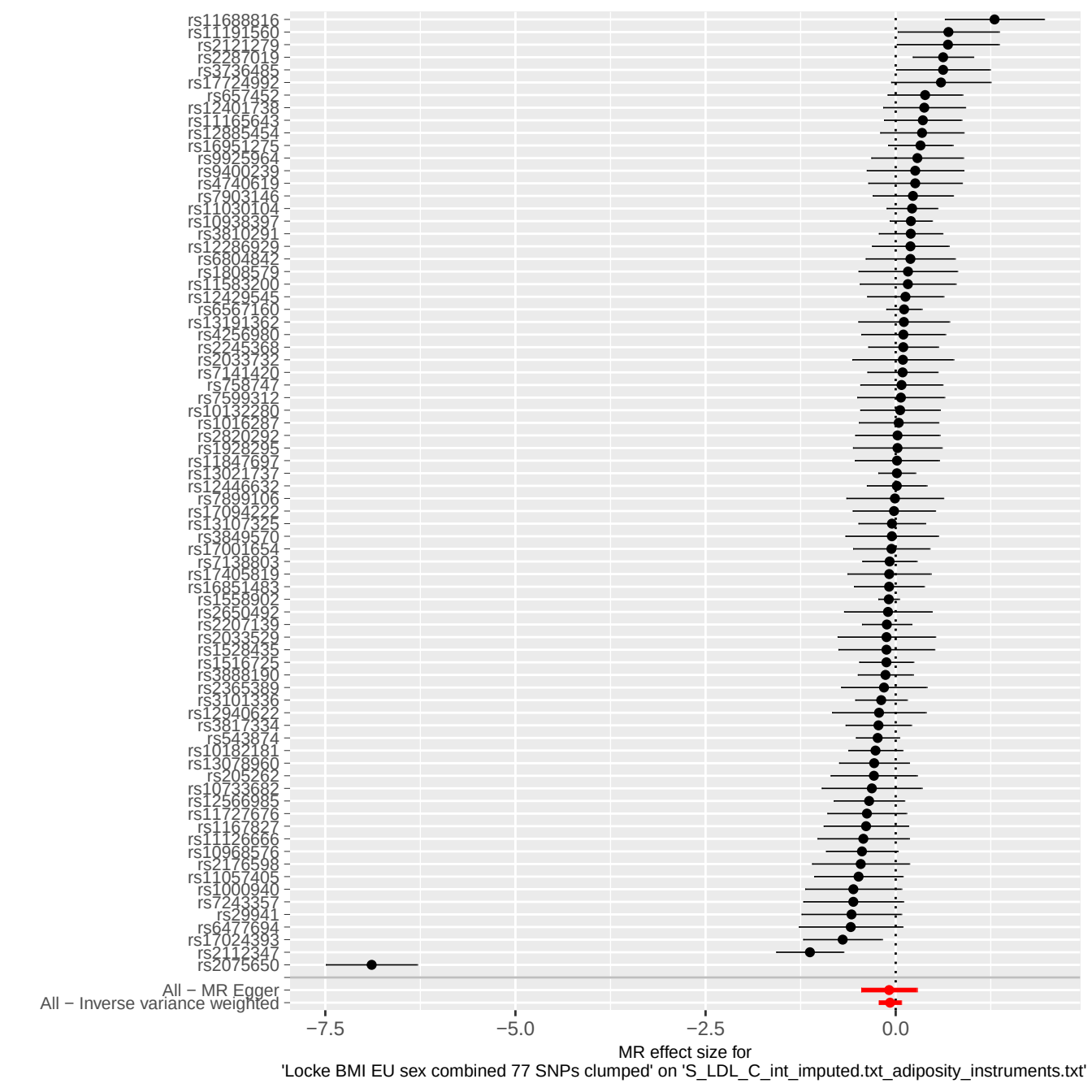

rs11688816
rs2287019
rs11191560
rs3736485
rs2121279
rs17724992
rs12401738
rs7903146
rs9400239
rs11165643
rs657452
rs12885454
rs16951275
rs4740619
rs12286929
rs11030104
rs10938397
rs6804842
rs3810291
rs7599312
rs2245368
rs9925964
rs13191362
rs7141420
rs11583200
rs12429545
rs4256980
rs1016287
rs1808579
rs13021737
rs1928295
rs11847697
rs758747
rs1528435
rs6567160
rs12446632
rs2033732
rs2207139
rs10132280
rs17094222
rs2365389
rs17001654
rs1516725
rs7138803
rs7899106
rs1558902
rs10733682
rs2820292
rs17405819
rs2650492
rs3888190
rs11057405
rs11727676
rs12940622
rs3101336
rs2033529
rs16851483
rs543874
rs10182181
rs13078960
rs12566985
rs205262
rs13107325
rs3817334
rs3849570
rs11126666
rs1167827
rs2176598
rs10968576
rs1000940
rs6477694
rs29941
rs7243357
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_PL_int_imputed.txt_adiposity_instruments.txt'

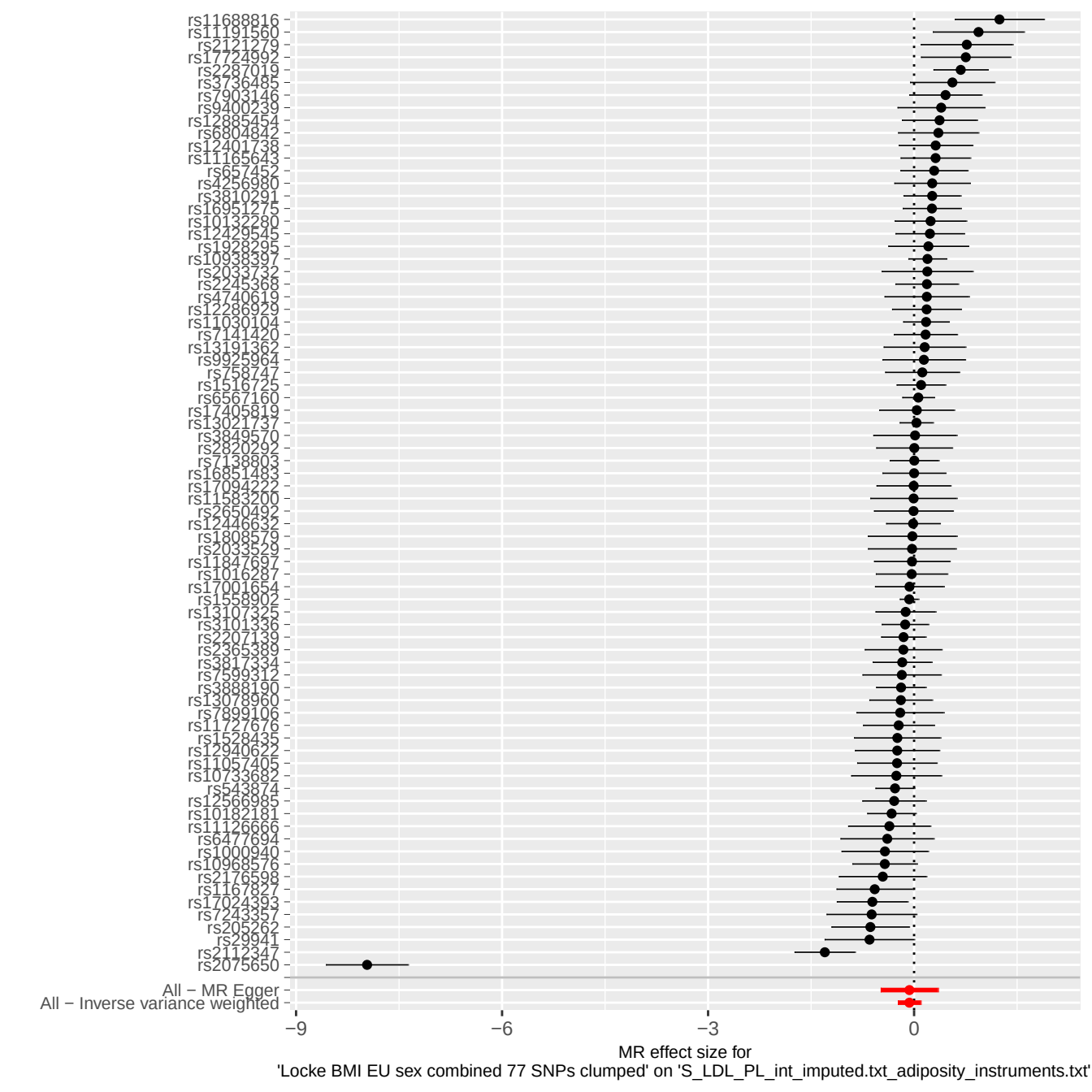

rs11688816
rs17724992
rs3736485
rs2121279
rs9925964
rs4740619
rs13107325
rs3849570
rs657452
rs12885454
rs11165643
rs3810291
rs9400239
rs11030104
rs6567160
rs7899106
rs2033732
rs1808579
rs12429545
rs12286929
rs11583200
rs16951275
rs1016287
rs12401738
rs2033529
rs2820292
rs758747
rs205262
rs12940622
rs10938397
rs10132280
rs7599312
rs13191362
rs13021737
rs16851483
rs7138803
rs11191560
rs1167827
rs1928295
rs17001654
rs2245368
rs2287019
rs3817334
rs7141420
rs6804842
rs7243357
rs4256980
rs1528435
rs2650492
rs11847697
rs17094222
rs2176598
rs12446632
rs1558902
rs3888190
rs10182181
rs2365389
rs543874
rs2207139
rs7903146
rs10968576
rs12566985
rs6477694
rs3101336
rs13078960
rs1516725
rs2112347
rs17405819
rs11126666
rs10733682
rs11727676
rs17024393
rs29941
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'VLDL_FC_int_imputed.txt_adiposity_instruments.txt'

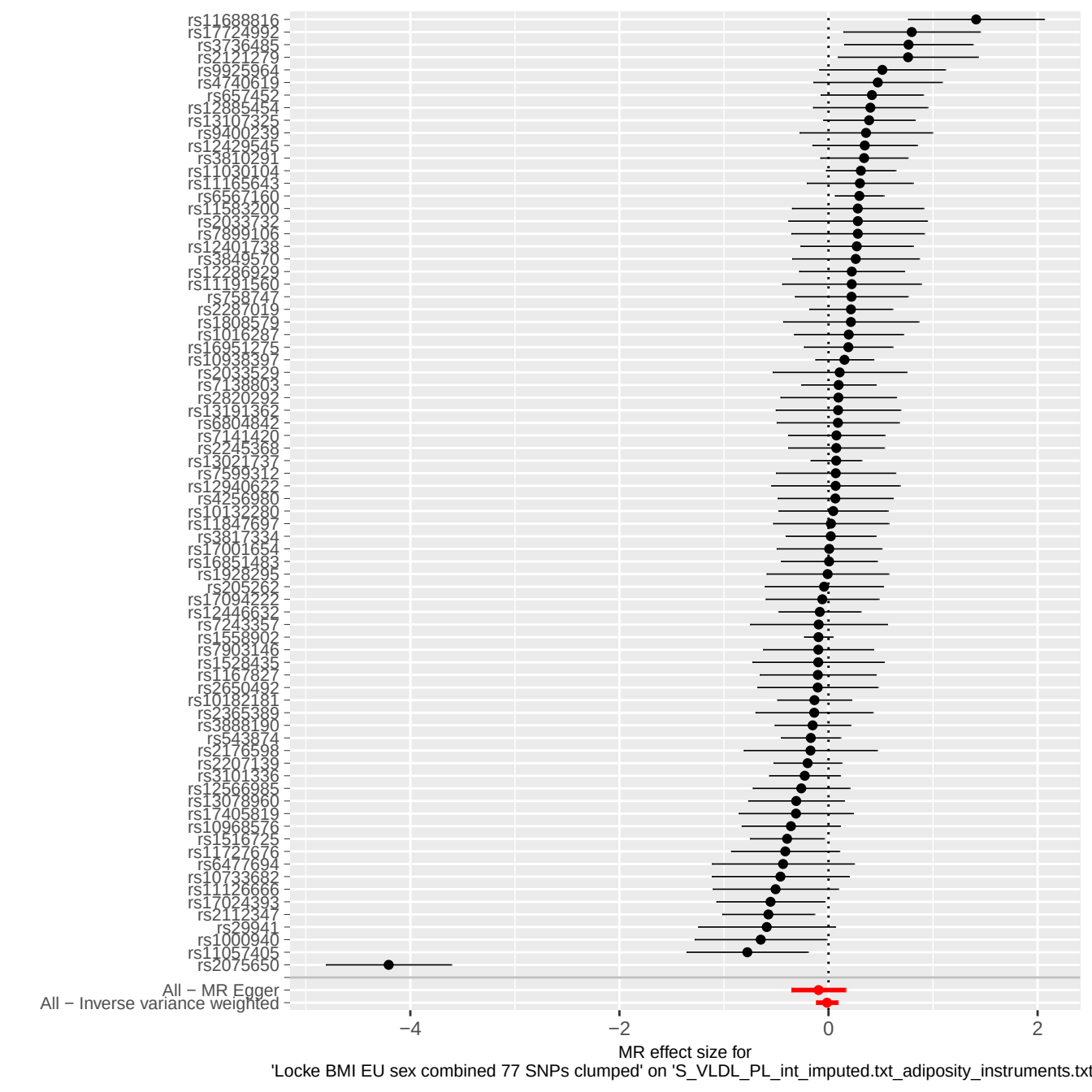

rs11057405
rs2075650
rs1516725
rs10733682
rs11727676
rs7903146
rs11126666
rs1000940
rs3736485
rs29941
rs11847697
rs13078960
rs1528435
rs7243357
rs2245368
rs2287019
rs2207139
rs2365389
rs11191560
rs7141420
rs1558902
rs3101336
rs1928295
rs12940622
rs10938397
rs7138803
rs6477694
rs6804842
rs11165643
rs17405819
rs13021737
rs12429545
rs10132280
rs10968576
rs2176598
rs2650492
rs758747
rs9400239
rs12566985
rs3888190
rs4256980
rs12446632
rs13191362
rs17094222
rs11030104
rs543874
rs3810291
rs11688816
rs17001654
rs2033529
rs657452
rs2033732
rs2820292
rs11583200
rs7599312
rs16851483
rs12885454
rs17024393
rs17724992
rs10182181
rs4740619
rs1016287
rs2121279
rs1167827
rs6567160
rs12286929
rs12401738
rs1808579
rs7899106
rs16951275
rs2112347
rs9925964
rs205262
rs3849570
rs3817334
rs13107325
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_PL_int_imputed.txt_adiposity_instruments.txt'

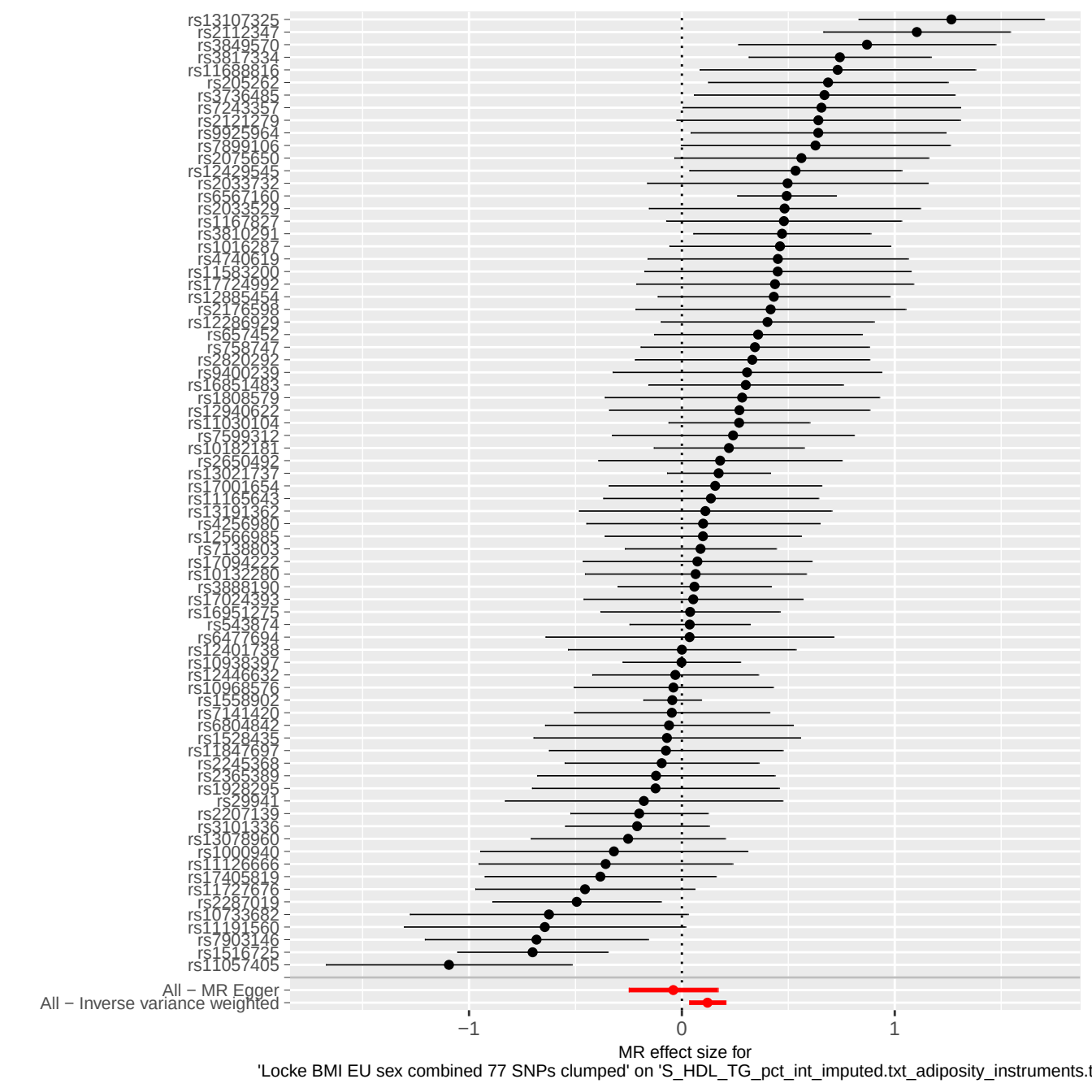

rs11688816
rs3736485
rs17724992
rs2121279
rs9400239
rs12429545
rs4740619
rs3810291
rs2033732
rs13107325
rs11030104
rs2033529
rs11165643
rs1016287
rs12885454
rs12940622
rs7138803
rs12286929
rs11191560
rs758747
rs6567160
rs657452
rs13021737
rs13191362
rs7243357
rs2650492
rs7899106
rs9925964
rs2245368
rs16851483
rs2287019
rs7903146
rs11583200
rs7141420
rs1928295
rs12401738
rs10938397
rs10132280
rs17001654
rs4256980
rs3817334
rs6804842
rs2365389
rs1808579
rs11847697
rs2820292
rs11727676
rs3849570
rs6477694
rs16951275
rs205262
rs1558902
rs7599312
rs3888190
rs1528435
rs2176598
rs10182181
rs17094222
rs12446632
rs11057405
rs10733682
rs1167827
rs2207139
rs12566985
rs543874
rs1516725
rs3101336
rs13078960
rs10968576
rs17024393
rs17405819
rs11126666
rs1000940
rs29941
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_PL_int_imputed.txt_adiposity_instruments.tx

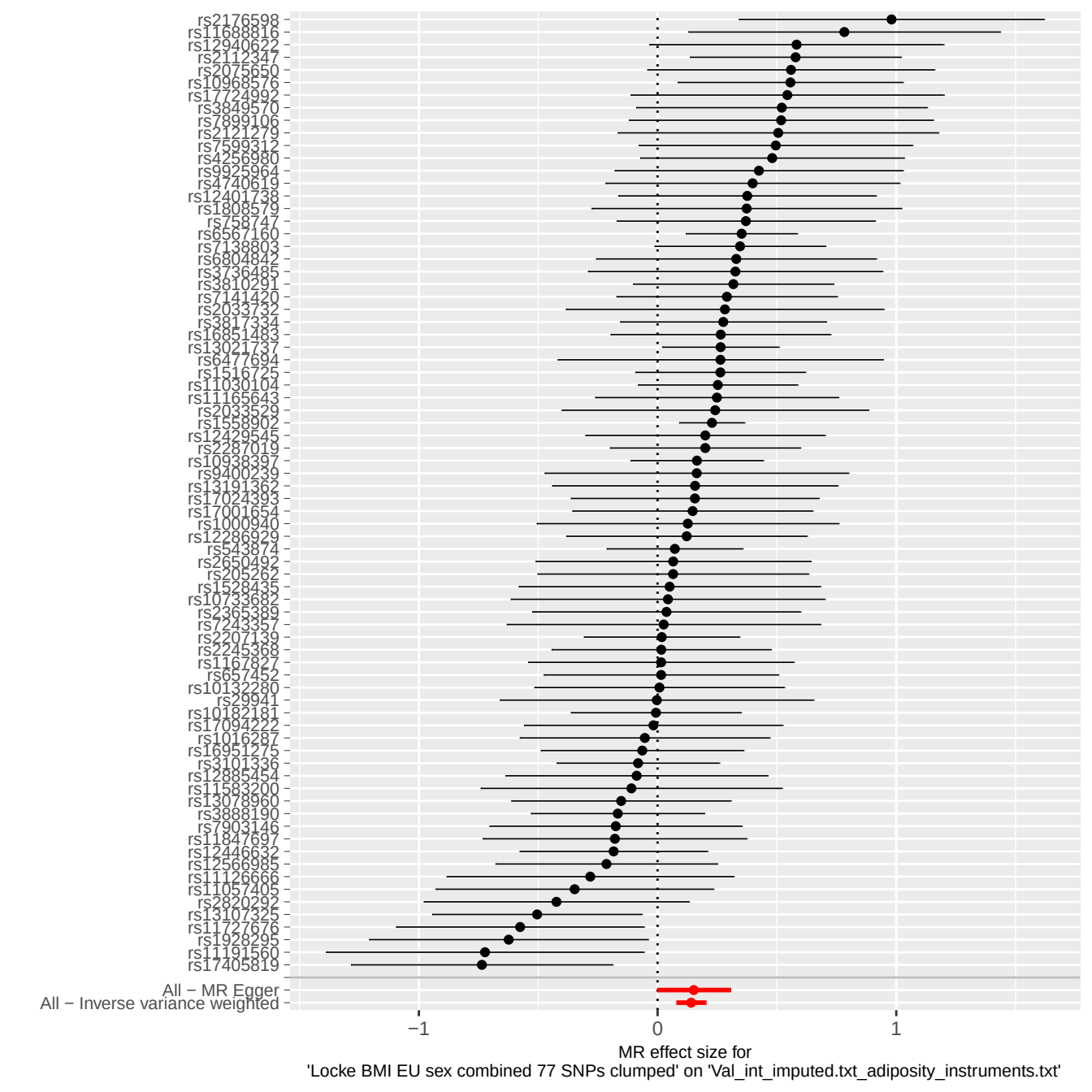

rs11688816
rs3736485
rs2287019
rs11191560
rs7903146
rs17724992
rs2121279
rs11165643
rs9400239
rs1516725
rs11057405
rs10938397
rs657452
rs6804842
rs10733682
rs4740619
rs12401738
rs2245368
rs12885454
rs13191362
rs1528435
rs3810291
rs11030104
rs12286929
rs7141420
rs1928295
rs11847697
rs7599312
rs12429545
rs13021737
rs11727676
rs11583200
rs2207139
rs2033732
rs4256980
rs1808579
rs2365389
rs758747
rs1558902
rs16951275
rs10132280
rs17094222
rs7138803
rs1016287
rs9925964
rs12446632
rs17001654
rs17405819
rs3101336
rs6567160
rs12940622
rs11126666
rs13078960
rs3888190
rs2820292
rs2650492
rs7899106
rs2033529
rs543874
rs16851483
rs7243357
rs2176598
rs1000940
rs10182181
rs12566985
rs10968576
rs29941
rs6477694
rs1167827
rs3849570
rs205262
rs13107325
rs17024393
rs3817334
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Total_CE_int_imputed.txt_adiposity_instruments.txt'

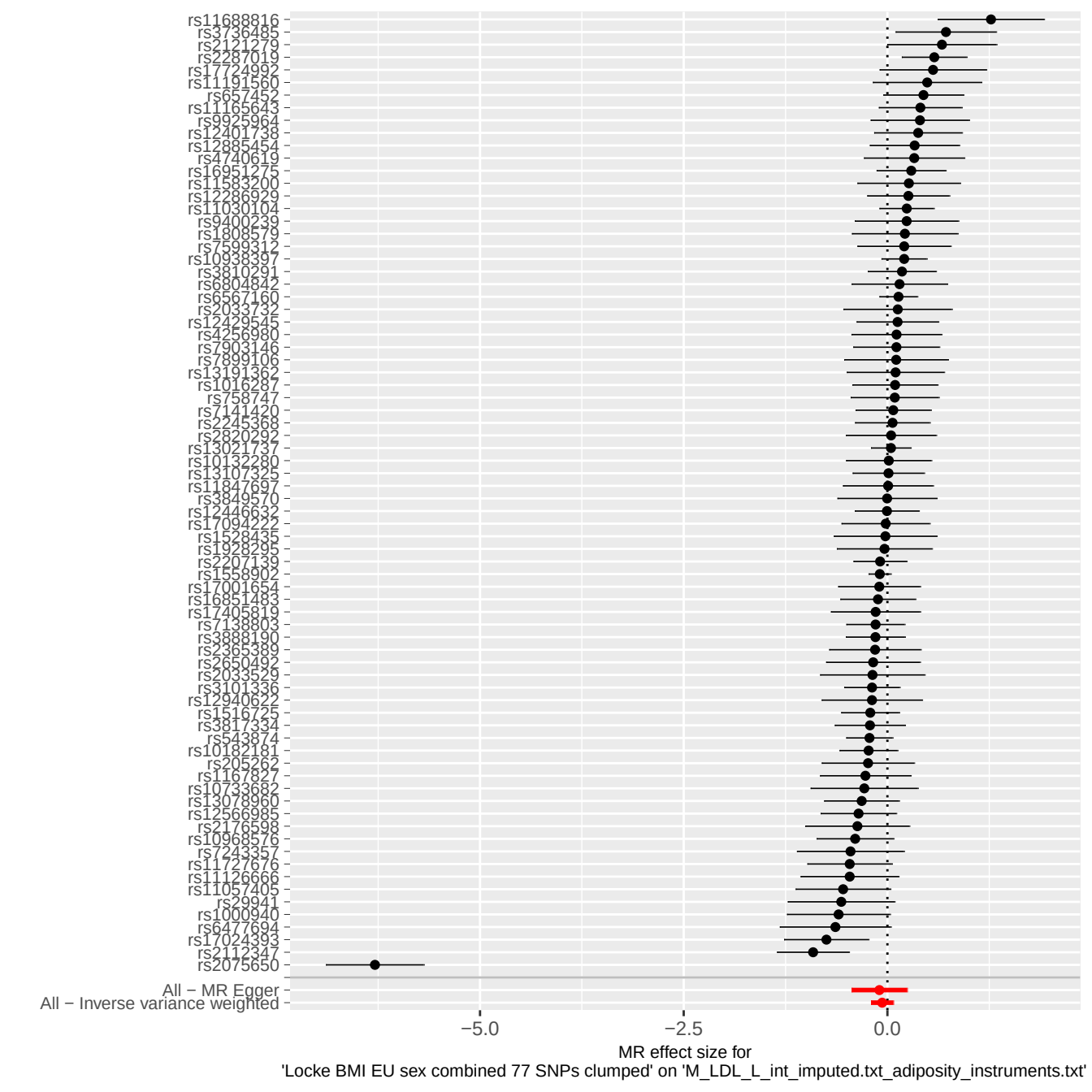

rs11688816
rs11191560
rs2212179
rs2287019
rs3736485
rs17724992
rs657452
rs12401738
rs11165643
rs12885454
rs16951275
rs9925964
rs9400239
rs4740619
rs7903146
rs11030104
rs10938397
rs3810291
rs12286929
rs6804842
rs1808579
rs11583200
rs12429545
rs6567160
rs13191362
rs4256980
rs2245368
rs2033732
rs7141420
rs758747
rs7599312
rs10132280
rs1016287
rs2820292
rs1928295
rs11847697
rs13021737
rs12446632
rs7899106
rs17094222
rs13107325
rs3849570
rs17001654
rs7138803
rs17405819
rs16851483
rs1558902
rs2650492
rs2207139
rs2033529
rs1528435
rs1516725
rs3888190
rs2365389
rs3101336
rs12940622
rs3817334
rs543874
rs10182181
rs13078960
rs205262
rs10733682
rs12566985
rs11727676
rs1167827
rs11126666
rs10968576
rs2176598
rs11057405
rs1000940
rs7243357
rs29941
rs6477694
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_C_int_imputed.txt_adiposity_instruments.txt'

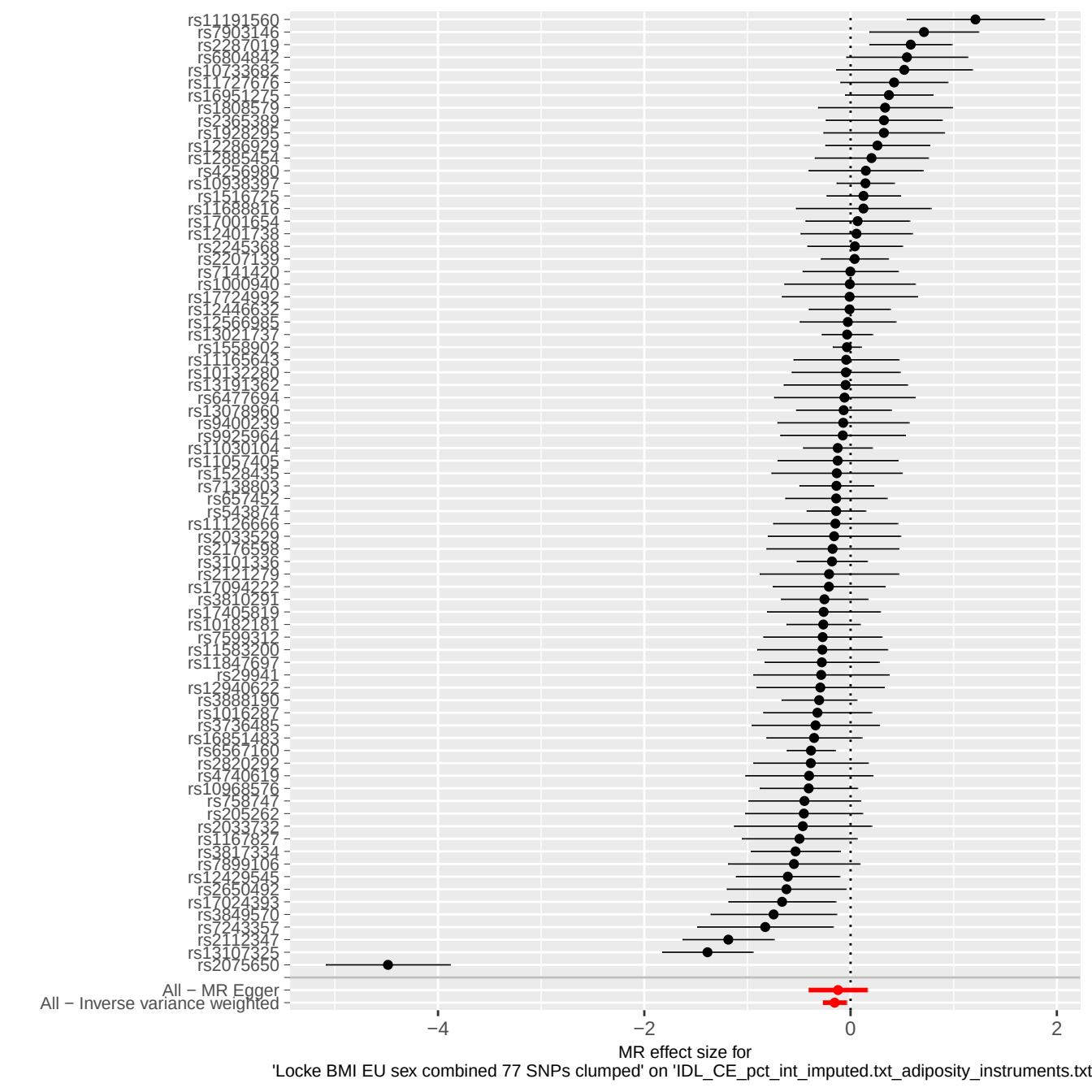

rs11688816
rs11191560
rs2121279
rs17724992
rs2287019
rs3736485
rs7903146
rs9400239
rs12885454
rs6804842
rs12401738
rs11165643
rs657452
rs4256980
rs3810291
rs16951275
rs10132280
rs12429545
rs1928295
rs10938397
rs2033732
rs2245368
rs4740619
rs12286929
rs11030104
rs7141420
rs13191362
rs9925964
rs758747
rs1516725
rs6567160
rs17405819
rs13021737
rs3849570
rs2820292
rs7138803
rs16851483
rs17094222
rs11583200
rs2650492
rs12446632
rs1808579
rs2033529
rs11847697
rs1016287
rs17001654
rs1558902
rs13107325
rs3101336
rs2207139
rs2365389
rs3817334
rs7599312
rs3888190
rs13078960
rs7899106
rs11727676
rs1528435
rs12940622
rs11057405
rs10733682
rs543874
rs12566985
rs10182181
rs11126666
rs6477694
rs1000940
rs10968576
rs2176598
rs1167827
rs17024393
rs7243357
rs205262
rs29941
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−9
−6
−3
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_PL_int_imputed.txt_adiposity_instruments.txt'

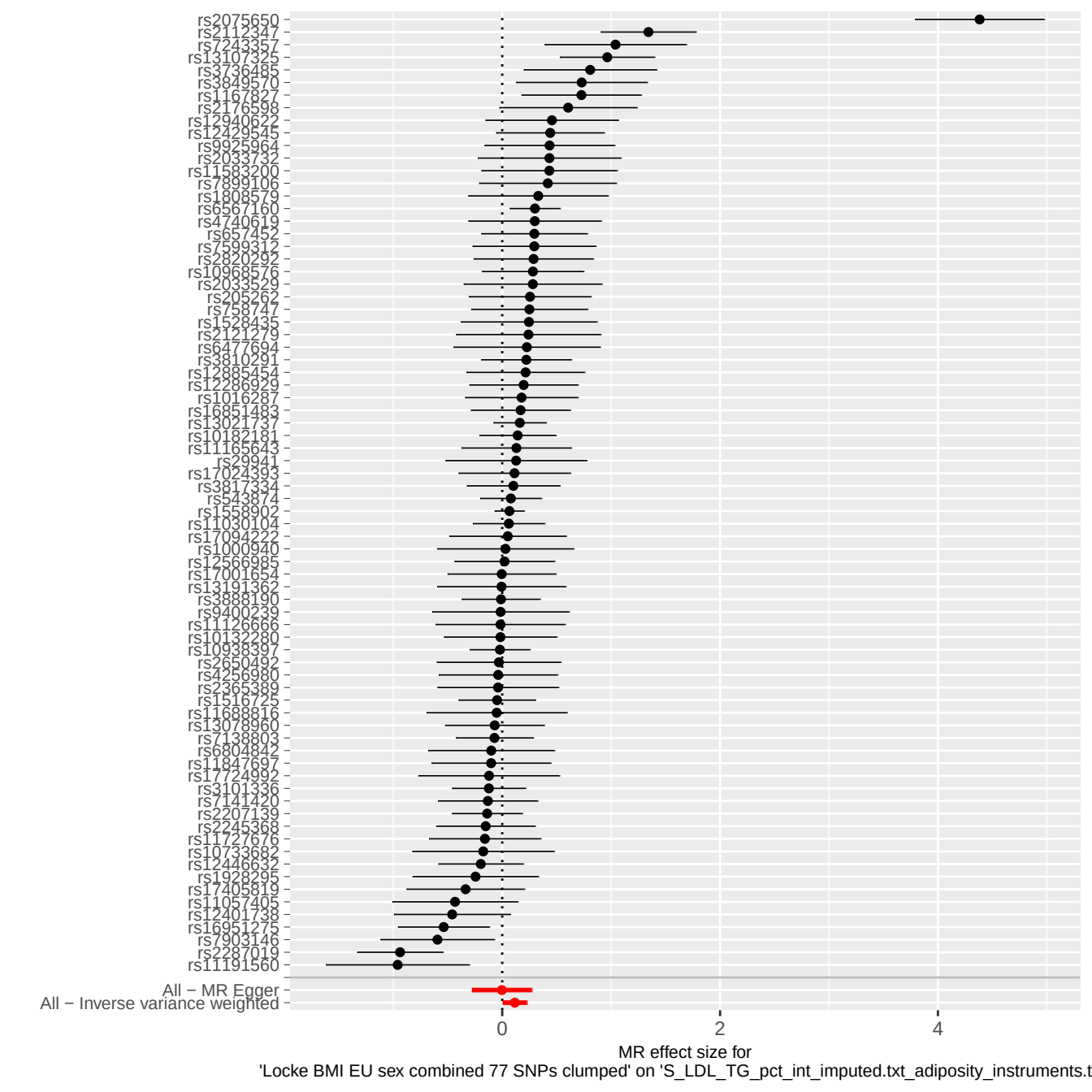

rs11688816
rs17724992
rs3736485
rs2121279
rs9925964
rs4740619
rs657452
rs12885454
rs13107325
rs9400239
rs12429545
rs3810291
rs11030104
rs11165643
rs6567160
rs11583200
rs2033732
rs7899106
rs12401738
rs3849570
rs12286929
rs11191560
rs758747
rs2287019
rs1808579
rs1016287
rs16951275
rs10938397
rs2033529
rs7138803
rs2820292
rs13191362
rs6804842
rs7141420
rs2245368
rs13021737
rs7599312
rs12940622
rs4256980
rs10132280
rs11847697
rs3817334
rs17001654
rs16851483
rs1928295
rs205262
rs17094222
rs12446632
rs7243357
rs1558902
rs7903146
rs1528435
rs1167827
rs2650492
rs10182181
rs2365389
rs3888190
rs543874
rs2176598
rs2207139
rs3101336
rs12566985
rs13078960
rs17405819
rs10968576
rs1516725
rs11727676
rs6477694
rs10733682
rs11126666
rs17024393
rs2112347
rs29941
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_PL_int_imputed.txt_adiposity_instruments.txt

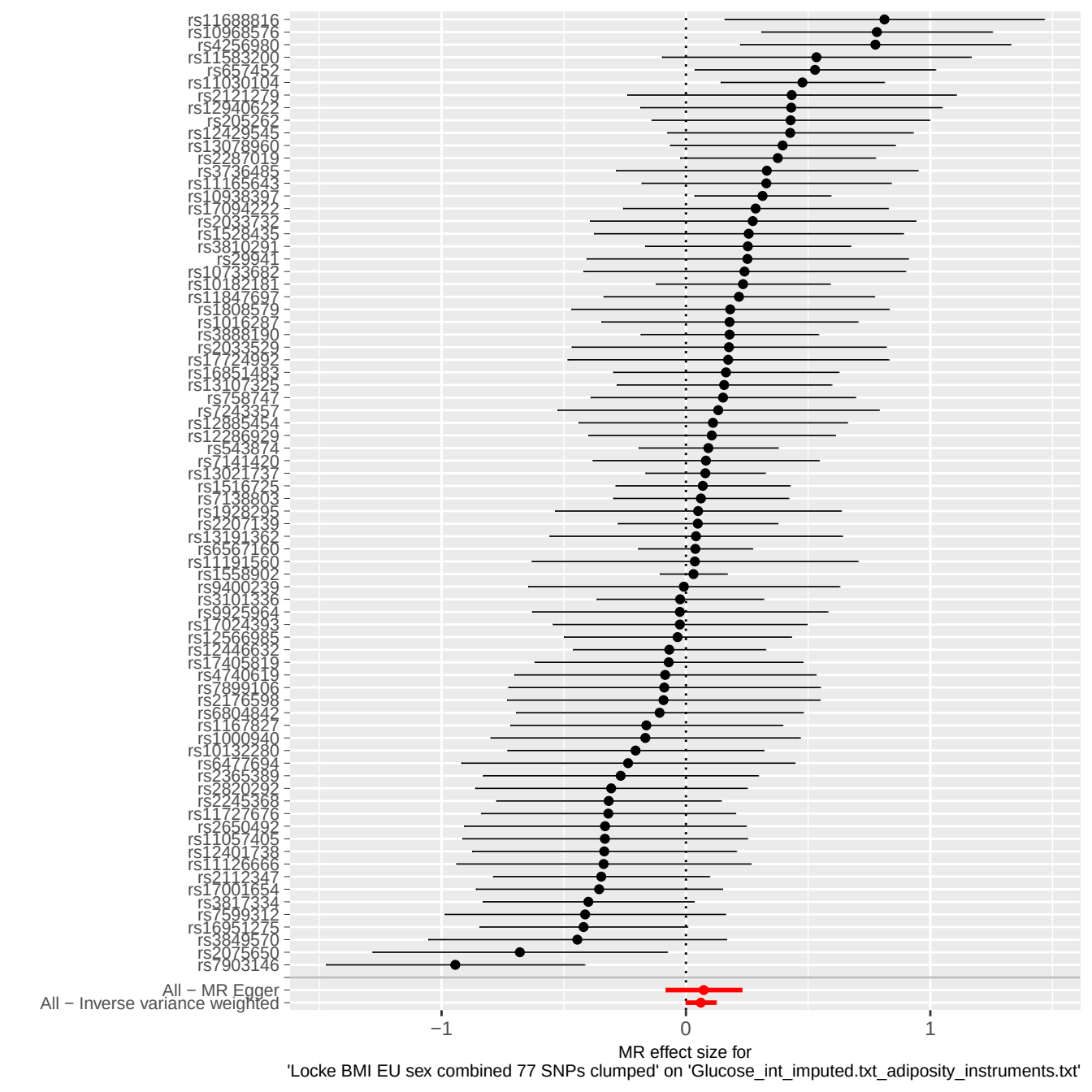

rs13107325
rs2112347
rs3849570
rs3817334
rs11688816
rs205262
rs3736485
rs7243357
rs2121279
rs9925964
rs7899106
rs2075650
rs12429545
rs2033732
rs6567160
rs2033529
rs1167827
rs3810291
rs1016287
rs4740619
rs11583200
rs17724992
rs12985454
rs2176598
rs12286929
rs657452
rs758747
rs2820292
rs9400239
rs16851483
rs1808579
rs12940622
rs11030104
rs7599312
rs10182181
rs2650492
rs13021737
rs17001654
rs11165643
rs13191362
rs4256980
rs12566985
rs7138803
rs17094222
rs10132280
rs3888190
rs17024393
rs16951275
rs543874
rs6477694
rs12401738
rs10938397
rs12446632
rs10968576
rs1558902
rs7141420
rs6804842
rs1528435
rs11847697
rs2245368
rs2365389
rs1928295
rs29941
rs2207139
rs3101336
rs13078960
rs1000940
rs11126666
rs17405819
rs11727676
rs2287019
rs10733682
rs11191560
rs7903146
rs1516725
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_TG_pct_int_imputed.txt_adiposity_instruments.t

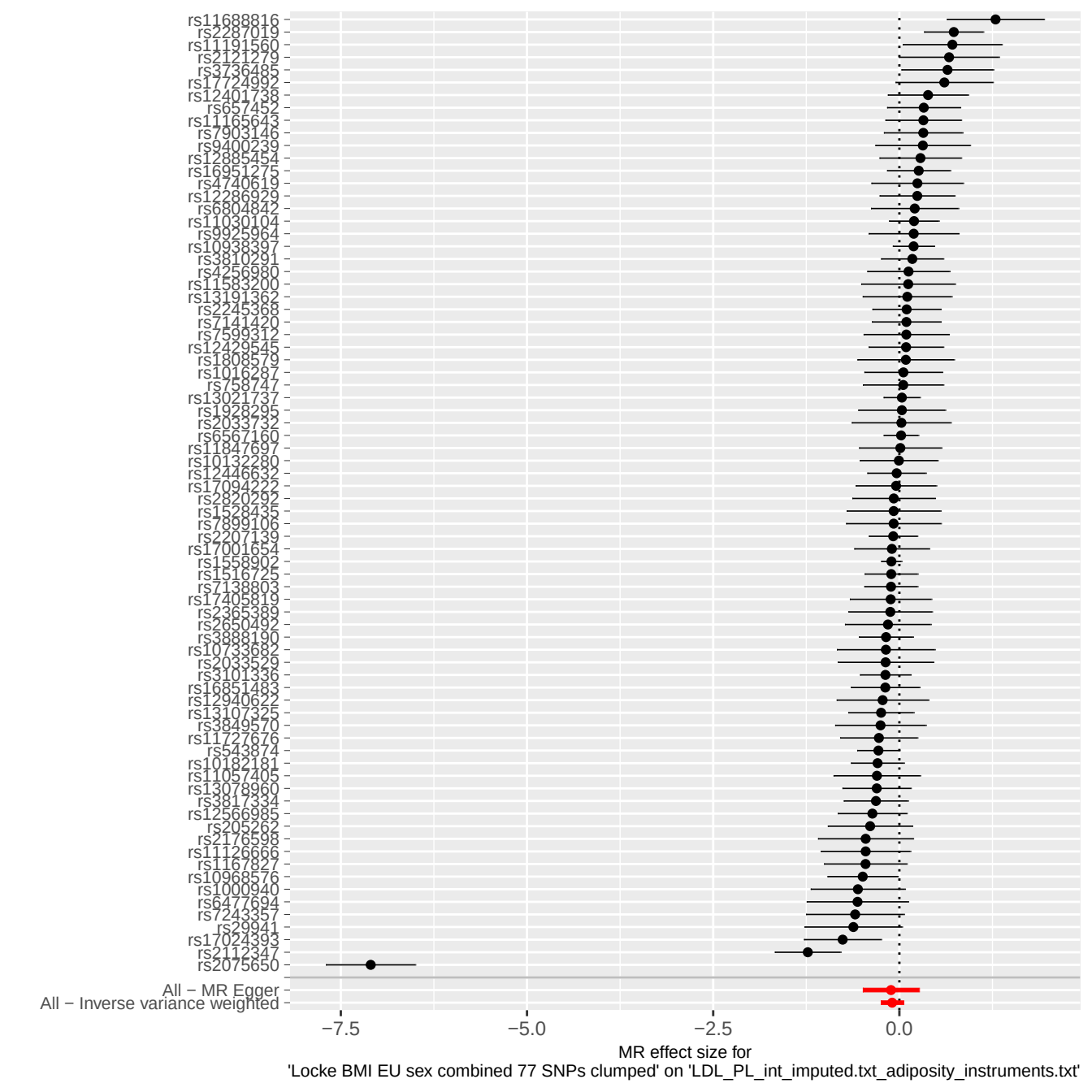

rs2176598
rs11688816
rs12940622
rs2112347
rs2075650
rs10968576
rs17724992
rs3849570
rs7899106
rs2121279
rs7599312
rs4256980
rs9925964
rs4740619
rs12401738
rs1808579
rs758747
rs6567160
rs7138803
rs6804842
rs3736485
rs3810291
rs7141420
rs2033732
rs3817334
rs16851483
rs13021737
rs6477694
rs1516725
rs11030104
rs11165643
rs2033529
rs1558902
rs12429545
rs2287019
rs10938397
rs9400239
rs13191362
rs17024393
rs17001654
rs1000940
rs12286929
rs543874
rs2650492
rs205262
rs1528435
rs10733682
rs2365389
rs7243357
rs2207139
rs2245368
rs1167827
rs657452
rs10132280
rs29941
rs10182181
rs17094222
rs1016287
rs16951275
rs3101336
rs12885454
rs11583200
rs13078960
rs3888190
rs7903146
rs11847697
rs12446632
rs12566985
rs11126666
rs11057405
rs2820292
rs13107325
rs11727676
rs1928295
rs11191560
rs17405819
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Val_int_imputed.txt_adiposity_instruments.txt'

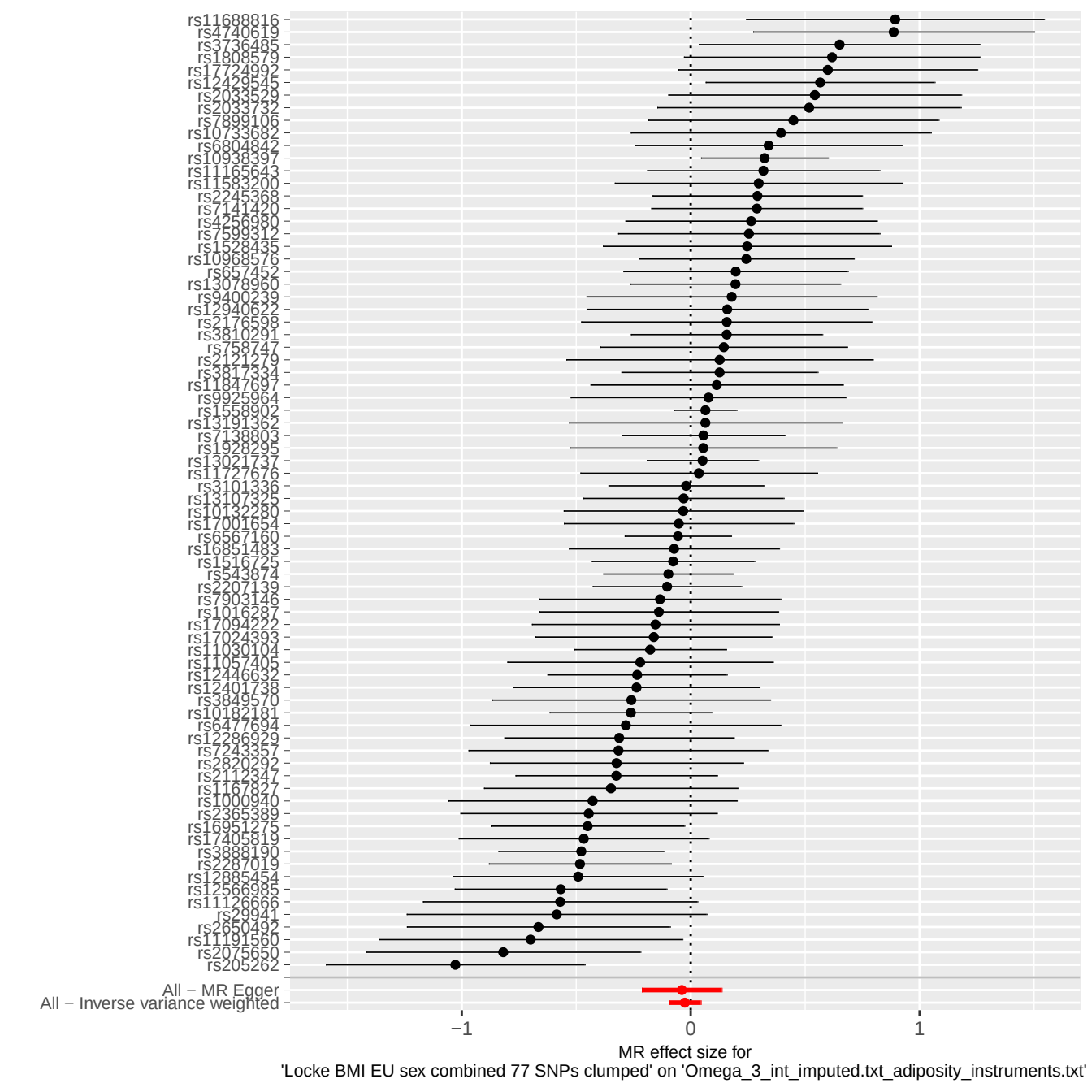

rs11688816
rs3736485
rs212279
rs2287019
rs17724992
rs11191560
rs657452
rs11165643
rs9925964
rs12401738
rs12885454
rs4740619
rs16951275
rs11583200
rs12286929
rs11030104
rs9400239
rs1808579
rs7599312
rs10938397
rs3810291
rs6804842
rs6567160
rs2033732
rs12429545
rs4256980
rs7903146
rs7899106
rs13191362
rs1016287
rs758747
rs7141420
rs2245368
rs2820292
rs13021737
rs10132280
rs13107325
rs11847697
rs3849570
rs12446632
rs17094222
rs1528435
rs1928295
rs2207139
rs1558902
rs17001654
rs16851483
rs17405819
rs7138803
rs3888190
rs2365389
rs2650492
rs2033529
rs3101336
rs12940622
rs1516725
rs3817334
rs543874
rs10182181
rs205262
rs1167827
rs10733682
rs13078960
rs12566985
rs2176598
rs10968576
rs7243357
rs11727676
rs11126666
rs11057405
rs29941
rs1000940
rs6477694
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_L_int_imputed.txt_adiposity_instruments.txt'

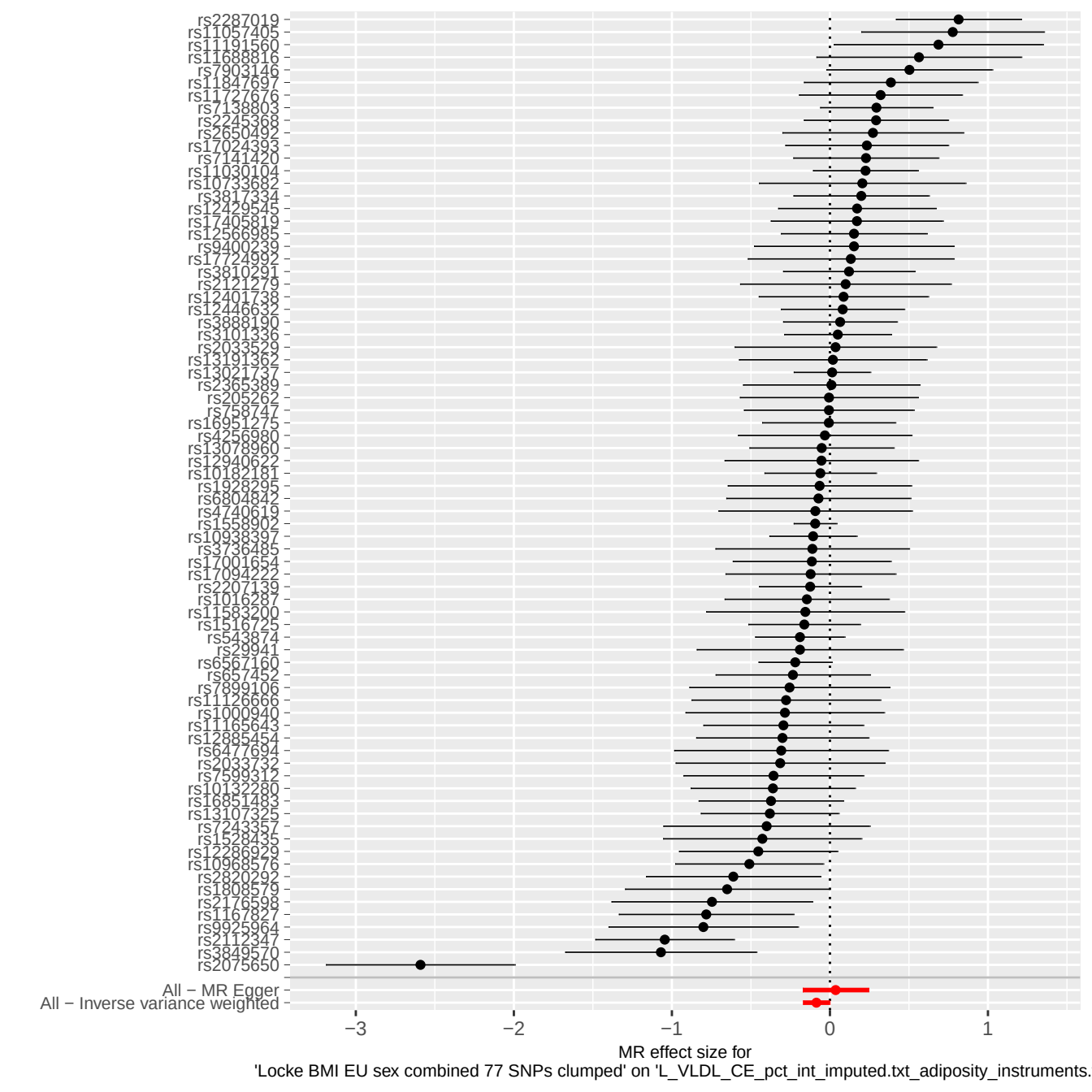

rs11191560
rs7903146
rs2287019
rs6804842
rs10733682
rs11727676
rs16951275
rs1808579
rs2365389
rs1928295
rs12286929
rs12885454
rs4256980
rs10938397
rs1516725
rs11688816
rs17001654
rs12401738
rs2245368
rs2207139
rs7141420
rs1000940
rs17724992
rs12446632
rs12566985
rs13021737
rs1558902
rs11165643
rs10132280
rs13191362
rs6477694
rs13078960
rs9400239
rs9925964
rs11030104
rs11057405
rs1528435
rs7138803
rs657452
rs543874
rs11126666
rs2033529
rs2176598
rs3101336
rs2121279
rs17094222
rs3810291
rs17405819
rs10182181
rs7599312
rs11583200
rs11847697
rs29941
rs12940622
rs3888190
rs1016287
rs3736485
rs16951483
rs6567160
rs2820292
rs4740619
rs10968576
rs758747
rs205262
rs2033732
rs1167827
rs3817334
rs7899106
rs12429545
rs2650492
rs17024393
rs3849570
rs7243357
rs2112347
rs13107325
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_CE_pct_int_imputed.txt_adiposity_instruments.txt

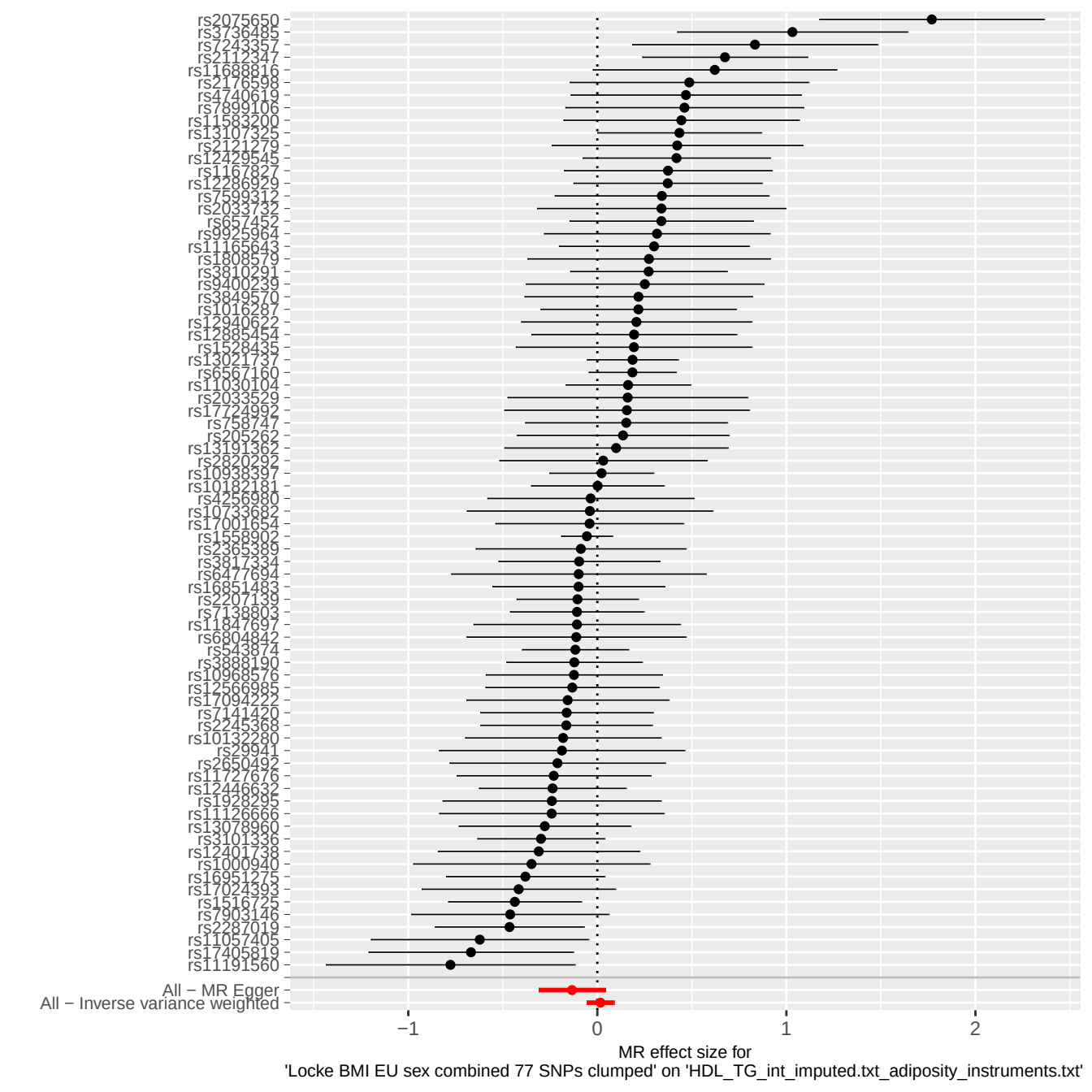

rs2075650
rs2112347
rs7243357
rs13107325
rs3736485
rs3849570
rs1167827
rs2176598
rs12940622
rs12429545
rs9925964
rs2033732
rs11583200
rs7899106
rs1808579
rs6567160
rs4740619
rs657452
rs7599312
rs2820292
rs10968576
rs2033529
rs205262
rs758747
rs1528435
rs2121279
rs6477694
rs3810291
rs12885454
rs12286929
rs1016287
rs16851483
rs13021737
rs10182181
rs11165643
rs29941
rs17024393
rs3817334
rs543874
rs1558902
rs11030104
rs17094222
rs1000940
rs12566985
rs17001654
rs13191362
rs3888190
rs9400239
rs11126666
rs10132280
rs10938397
rs2650492
rs4256980
rs2365389
rs1516725
rs11688816
rs13078960
rs7138803
rs6804842
rs11847697
rs17724992
rs3101336
rs7141420
rs2207139
rs2245368
rs11727676
rs10733682
rs12446632
rs1928295
rs17405819
rs11057405
rs12401738
rs16951275
rs7903146
rs2287019
rs11191560
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_TG_pct_int_imputed.txt_adiposity_instruments.t

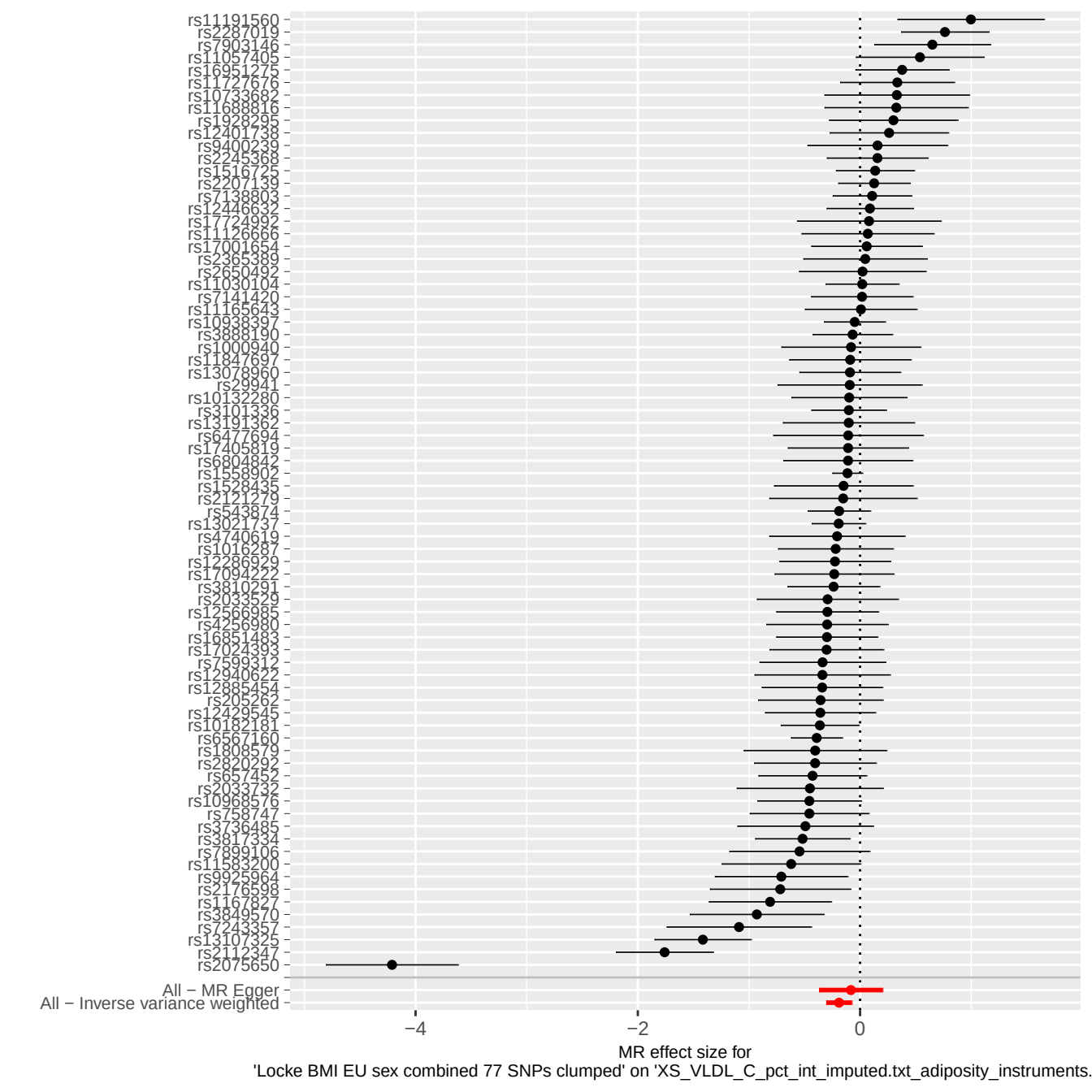

rs11688816
rs10968576
rs4256980
rs11583200
rs657452
rs11030104
rs2121279
rs12940622
rs205262
rs12429545
rs13078960
rs2287019
rs3736485
rs11165643
rs10938397
rs17094222
rs2033732
rs1528435
rs3810291
rs29941
rs10733682
rs10182181
rs11847697
rs1808579
rs1016287
rs3888190
rs2033529
rs17724992
rs16851483
rs13107325
rs758747
rs7243357
rs12885454
rs12286929
rs543874
rs7141420
rs13021737
rs1516725
rs7138803
rs1928295
rs2207139
rs13191362
rs6567160
rs11191560
rs1558902
rs9400239
rs3101336
rs9925964
rs17024393
rs12566985
rs12446632
rs17405819
rs4740619
rs7899106
rs2176598
rs6804842
rs1167827
rs1000940
rs10132280
rs6477694
rs2365389
rs2820292
rs2245368
rs11727676
rs2650492
rs11057405
rs12401738
rs11126666
rs2112347
rs17001654
rs3817334
rs7599312
rs16951275
rs3849570
rs2075650
rs7903146
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Glucose_int_imputed.txt_adiposity_instruments.txt'

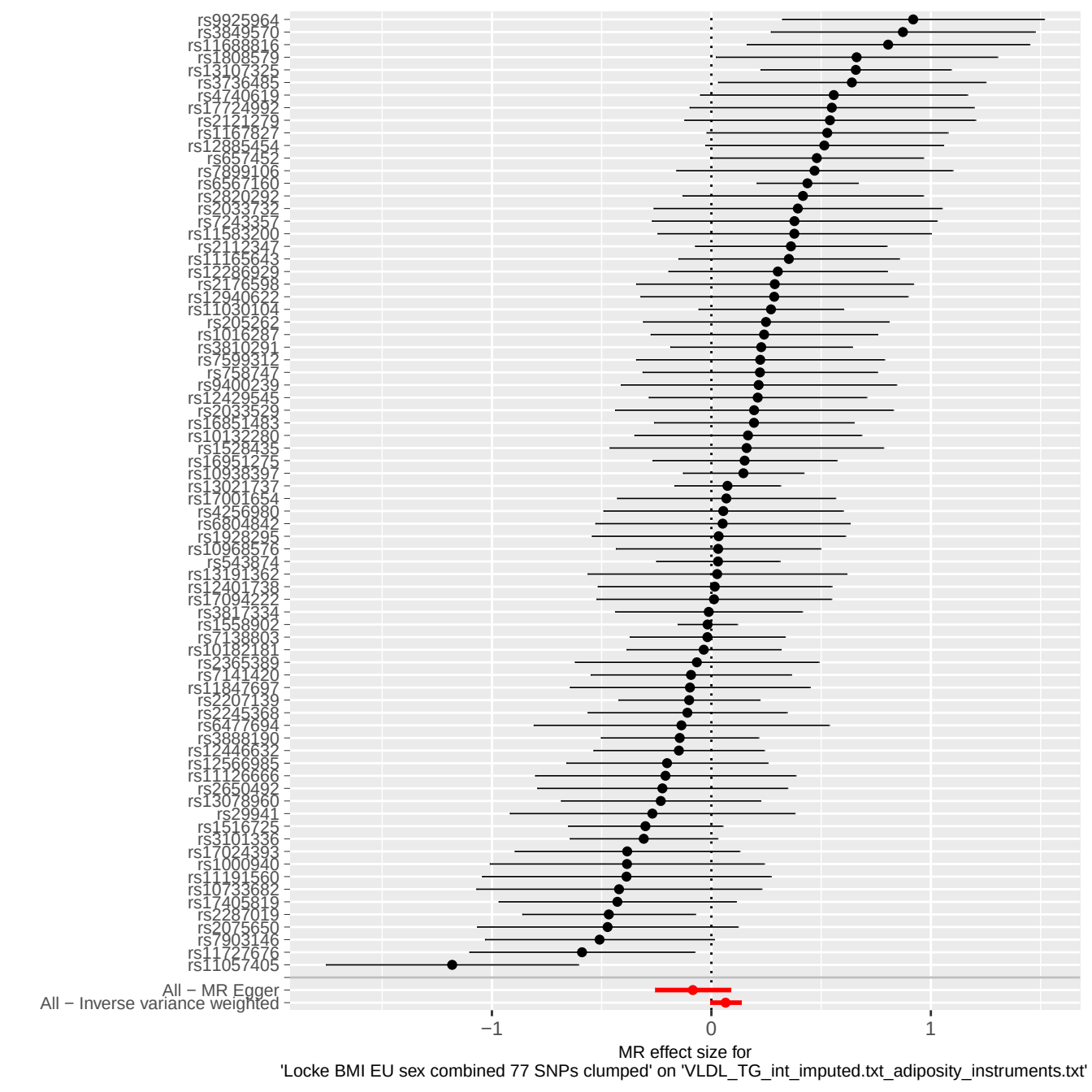

rs11688816
rs2287019
rs11191560
rs2121279
rs3736485
rs17724992
rs12401738
rs657452
rs11165643
rs7903146
rs9400239
rs12885454
rs16951275
rs4740619
rs12286929
rs6804842
rs11030104
rs9925964
rs10938397
rs3810291
rs4256980
rs11583200
rs13191362
rs2245368
rs7141420
rs7599312
rs12429545
rs1808579
rs1016287
rs758747
rs13021737
rs1928295
rs2033732
rs6567160
rs11847697
rs10132280
rs12446632
rs17094222
rs2820292
rs1528435
rs7899106
rs2207139
rs17001654
rs1558902
rs1516725
rs7138803
rs17405819
rs2365389
rs2650492
rs3888190
rs10733682
rs2033529
rs3101336
rs16851483
rs12940622
rs13107325
rs3849570
rs11727676
rs543874
rs10182181
rs11057405
rs13078960
rs3817334
rs12566985
rs205262
rs2176598
rs11126666
rs1167827
rs10968576
rs1000940
rs6477694
rs7243357
rs29941
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LDL_PL_int_imputed.txt_adiposity_instruments.txt'

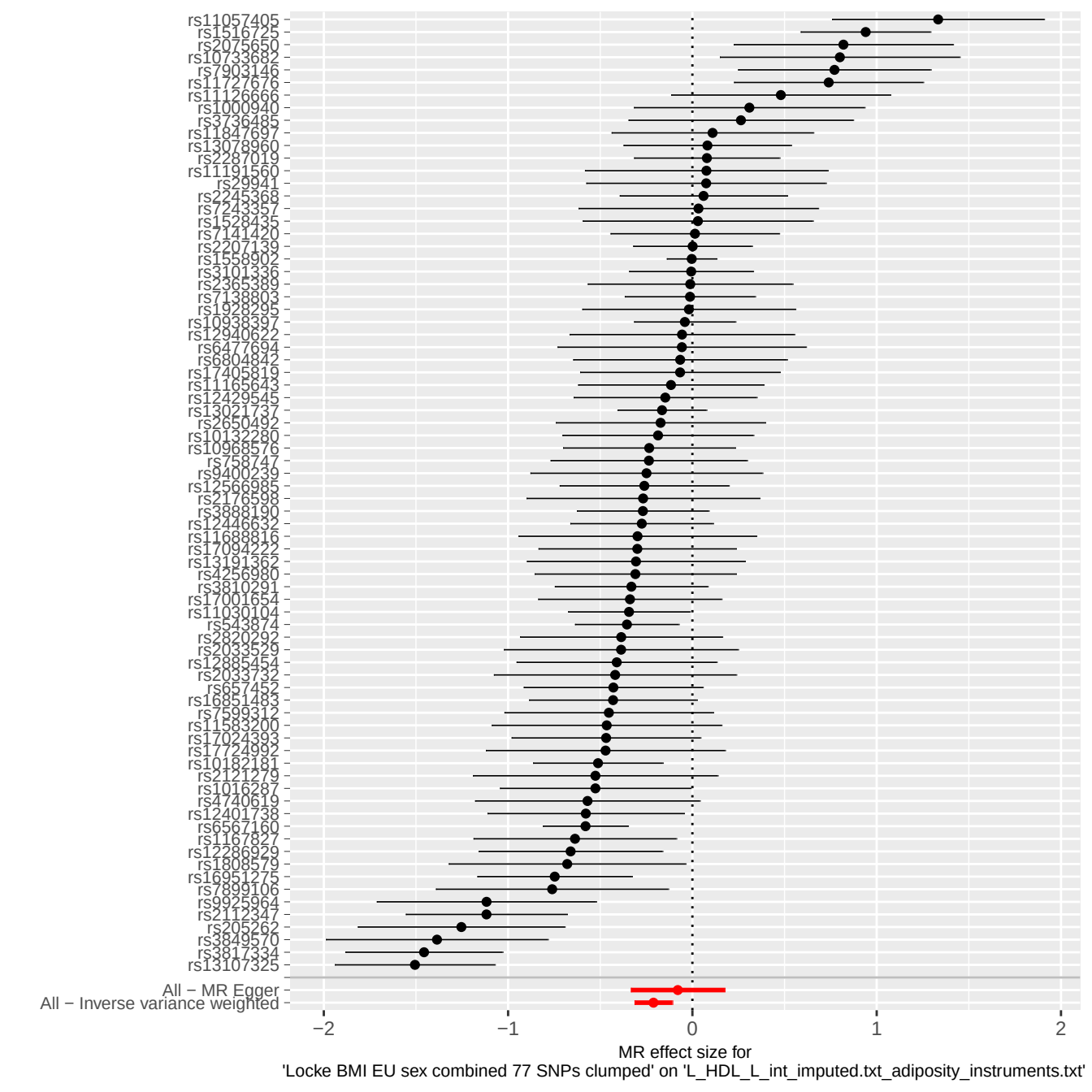

rs11688816
rs4740619
rs3736485
rs1808579
rs17724992
rs12429545
rs2033529
rs2033732
rs7899106
rs10733682
rs6804842
rs10938397
rs1165643
rs11583200
rs2245368
rs7141420
rs4256980
rs7599312
rs1528435
rs10968576
rs657452
rs13078960
rs9400239
rs12940622
rs2176598
rs3810291
rs758747
rs2121279
rs3817334
rs11847697
rs9925964
rs1558902
rs13191362
rs7138803
rs1928295
rs13021737
rs11727676
rs3101336
rs13107325
rs10132280
rs17001654
rs6567160
rs16851483
rs1516725
rs543874
rs2207139
rs7903146
rs1016287
rs17094222
rs17024393
rs11030104
rs11057405
rs12446632
rs12401738
rs3849570
rs10182181
rs6477694
rs12286929
rs7243357
rs2820292
rs2112347
rs1167827
rs1000940
rs2365389
rs16951275
rs17405819
rs3888190
rs2287019
rs12885454
rs12566985
rs11126666
rs29941
rs2650492
rs11191560
rs2075650
rs205262
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Omega_3_int_imputed.txt_adiposity_instruments.txt'

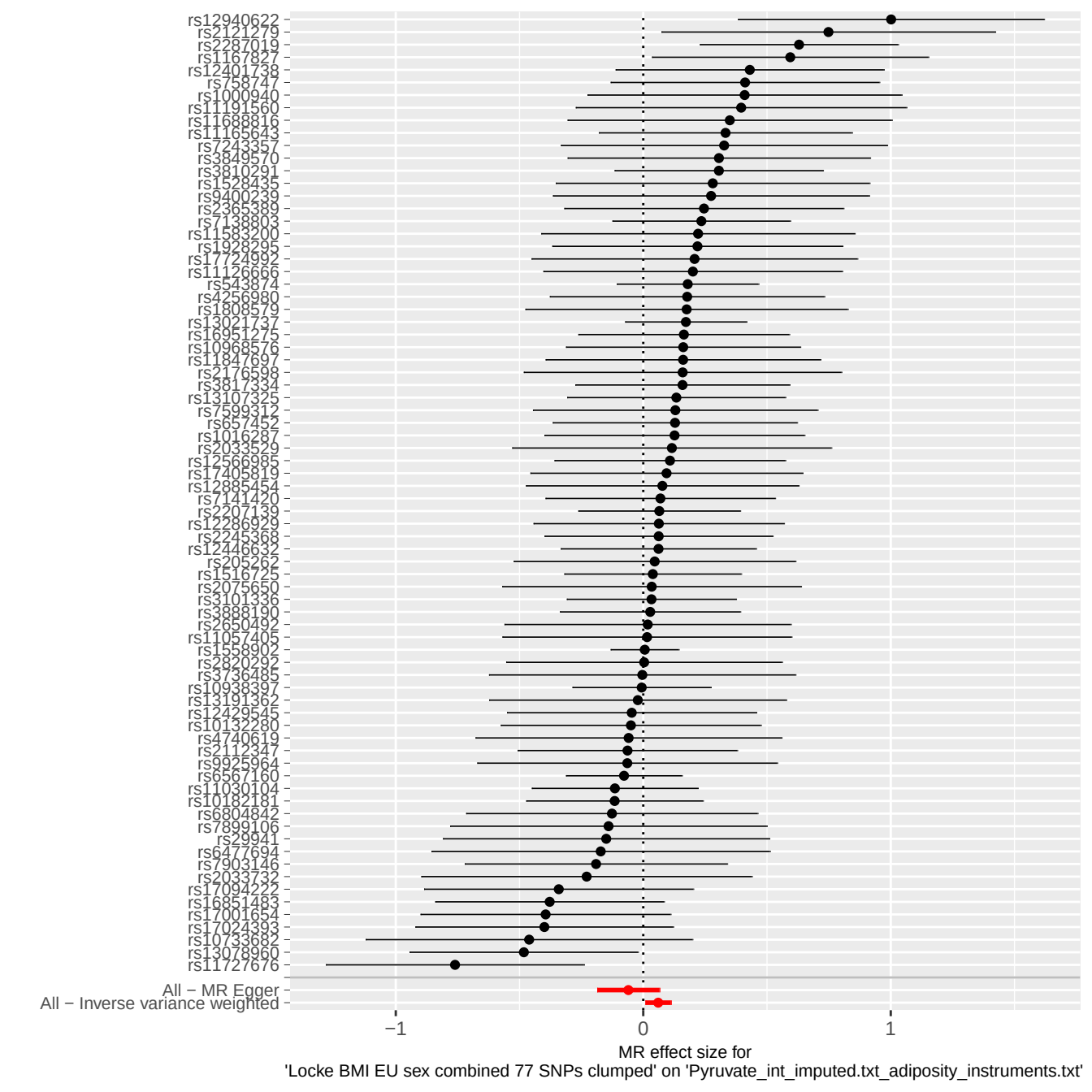

rs2287019
rs11057405
rs11191560
rs11688816
rs7903146
rs11847697
rs11727676
rs7138803
rs2245368
rs2650492
rs17024393
rs7141420
rs11030104
rs10733682
rs3817334
rs12429545
rs17405819
rs12566985
rs9400239
rs17724992
rs3810291
rs2121279
rs12401738
rs12446632
rs3888190
rs3101336
rs2033529
rs13191362
rs13021737
rs2365389
rs205262
rs758747
rs16951275
rs4256980
rs13078960
rs12940622
rs10182181
rs1928295
rs6804842
rs4740619
rs1558902
rs10938397
rs3736485
rs17001654
rs17094222
rs2207139
rs1016287
rs11583200
rs1516725
rs543874
rs29941
rs6567160
rs657452
rs7899106
rs11126666
rs1000940
rs11165643
rs12885454
rs6477694
rs2033732
rs7599312
rs10132280
rs16851483
rs13107325
rs7243357
rs1528435
rs12286929
rs10968576
rs2820292
rs1808579
rs2176598
rs1167827
rs9925964
rs2112347
rs3849570
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_CE_pct_int_imputed.txt_adiposity_instruments.

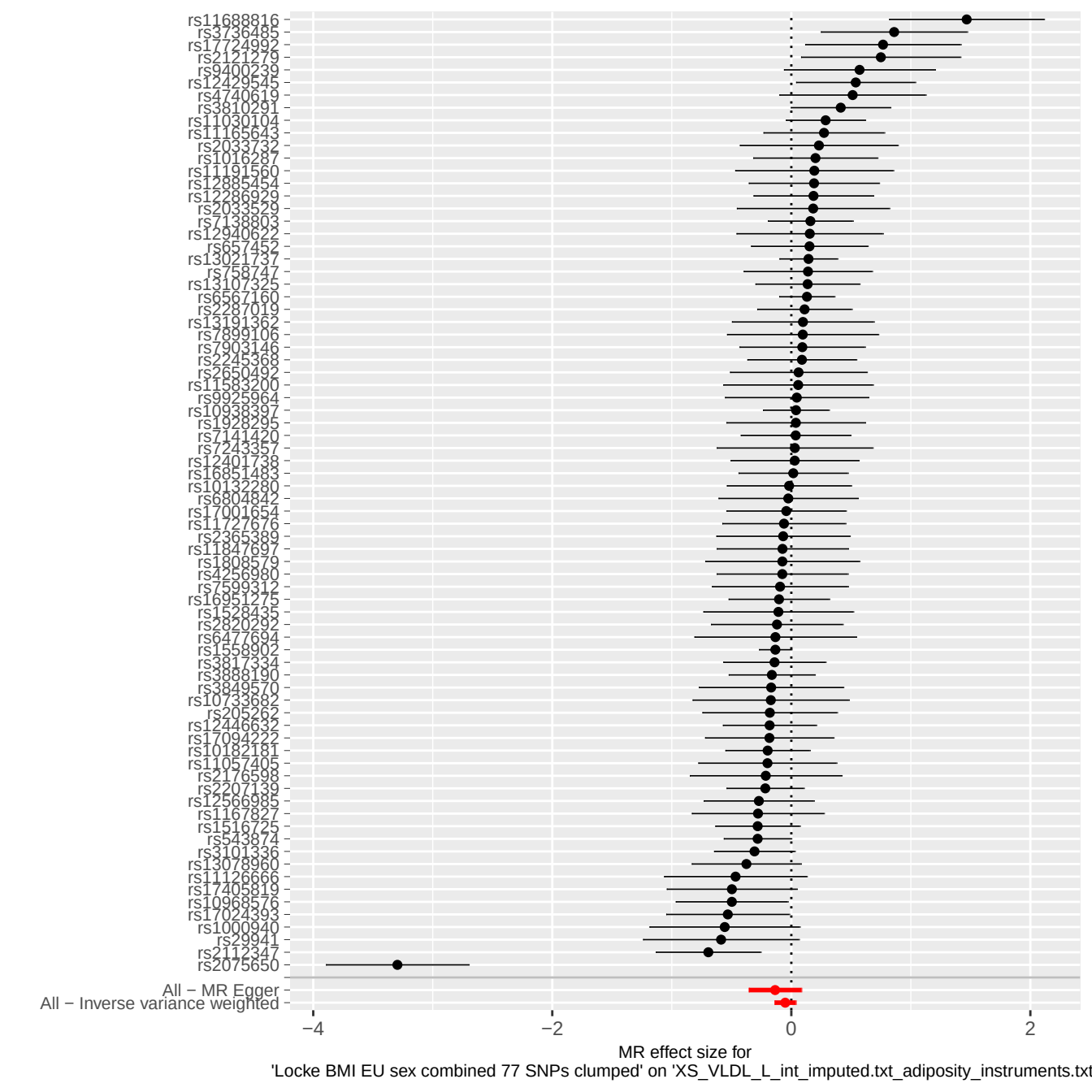

rs2075650
rs3736485
rs7243357
rs2112347
rs11689816
rs2176598
rs4740619
rs7899106
rs11583200
rs13107325
rs2121279
rs12429545
rs1167827
rs12286929
rs7599312
rs2033732
rs657452
rs9925964
rs11165643
rs1808579
rs3810291
rs9400239
rs3849570
rs1016287
rs12940622
rs12885454
rs1528435
rs13021737
rs6567160
rs11030104
rs2033529
rs17724992
rs758747
rs205262
rs13191362
rs2820292
rs10938397
rs10182181
rs4256980
rs10733682
rs17001654
rs1558902
rs2365389
rs3817334
rs6477694
rs16851483
rs2207139
rs7138803
rs11847697
rs6804842
rs543874
rs3888190
rs10968576
rs12566985
rs17094222
rs7141420
rs2245368
rs10132280
rs29941
rs2650492
rs11727676
rs12446632
rs1928295
rs11126666
rs13078960
rs3101336
rs12401738
rs1000940
rs16951275
rs17024393
rs1516725
rs7903146
rs2287019
rs11057405
rs17405819
rs11191560
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'HDL_TG_int_imputed.txt_adiposity_instruments.txt'

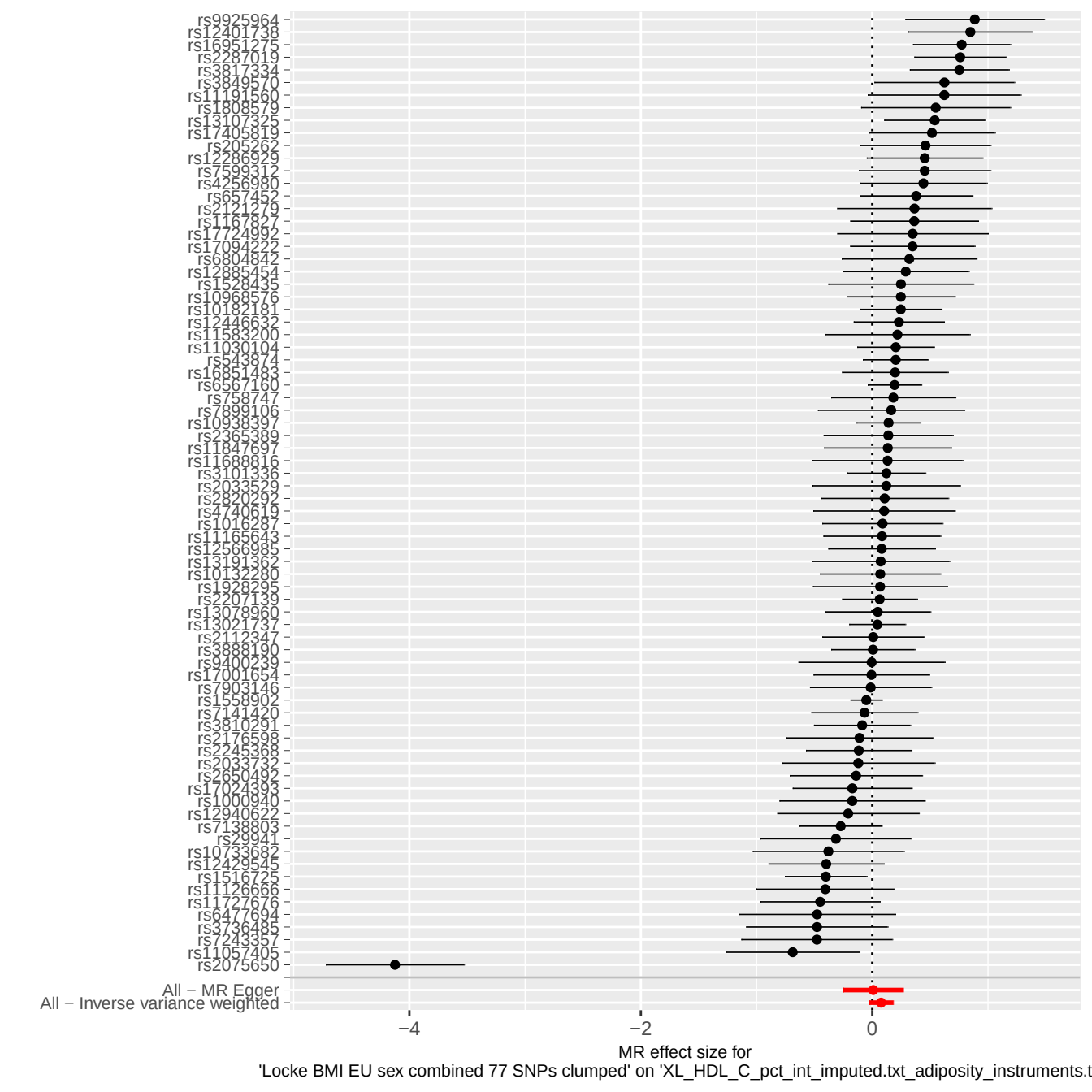

rs11191560
rs2287019
rs7903146
rs11057405
rs16951275
rs11727676
rs10733682
rs11688816
rs1928295
rs12401738
rs9400239
rs2245368
rs1516725
rs2207139
rs7138803
rs12446632
rs17724992
rs11126666
rs17001654
rs2365389
rs2650492
rs11030104
rs7141420
rs11165643
rs10938397
rs3888190
rs1000940
rs11847697
rs13078960
rs29941
rs10132280
rs3101336
rs13191362
rs6477694
rs17405819
rs6804842
rs1558902
rs1528435
rs2121279
rs543874
rs13021737
rs4740619
rs1016287
rs12286929
rs17094222
rs3810291
rs2033529
rs12566985
rs4256980
rs16851483
rs17024393
rs7599312
rs12940622
rs12885454
rs205262
rs12429545
rs10182181
rs6567160
rs1808579
rs2820292
rs657452
rs2033732
rs10968576
rs758747
rs3736485
rs3817334
rs7899106
rs11583200
rs9925964
rs2176598
rs1167827
rs3849570
rs7243357
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_C_pct_int_imputed.txt_adiposity_instruments.

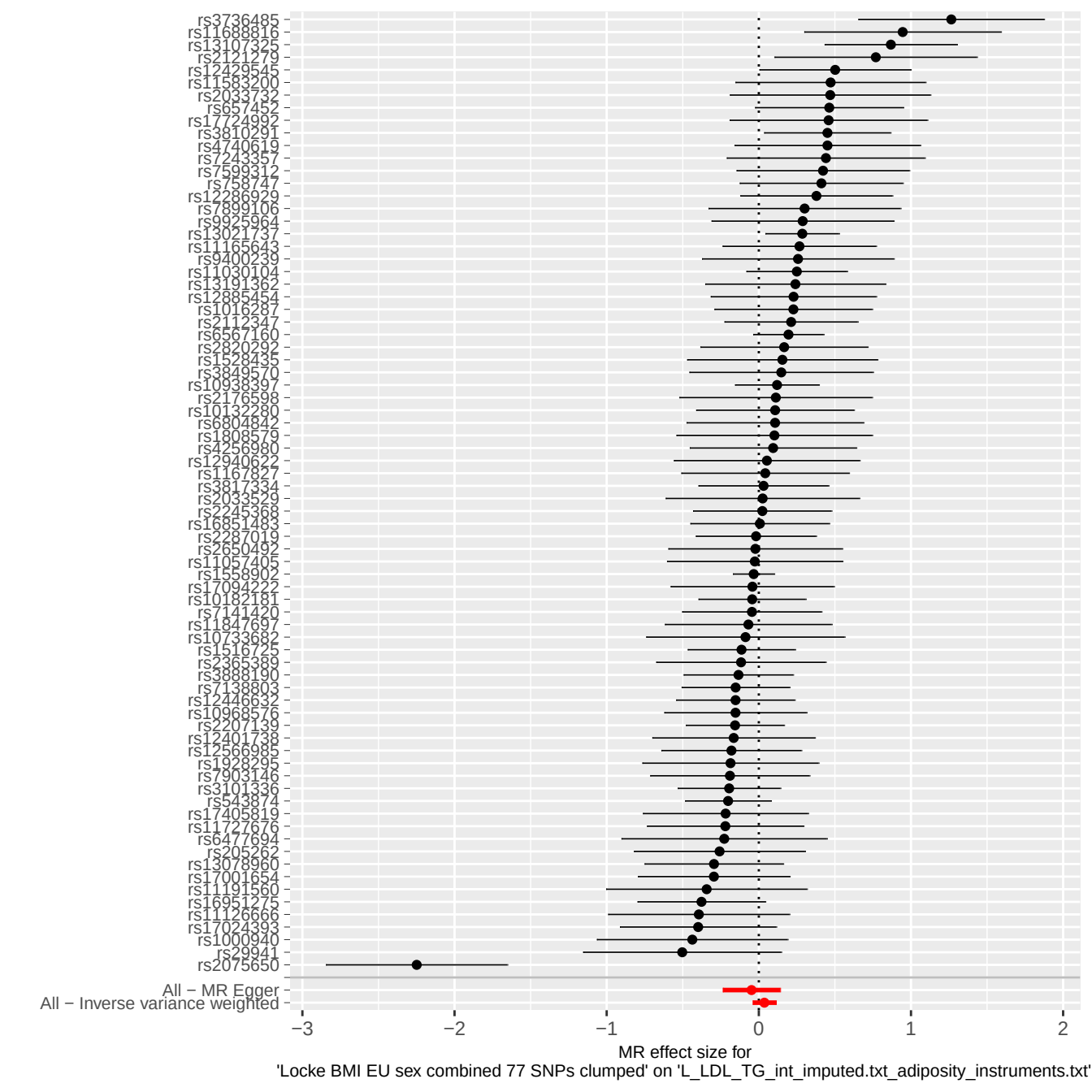

rs9925964
rs3849570
rs11688816
rs1808579
rs13107325
rs3736485
rs4740619
rs17724992
rs2121279
rs1167827
rs12885454
rs657452
rs7899106
rs6567160
rs2820292
rs2033732
rs7243357
rs11583200
rs2112347
rs11165643
rs12286929
rs2176598
rs12940622
rs11030104
rs205262
rs1016287
rs3810291
rs7599312
rs758747
rs8400239
rs12429545
rs2033529
rs16851483
rs10132280
rs1528435
rs16951275
rs10938397
rs13021737
rs17001654
rs4256980
rs6804842
rs1928295
rs10968576
rs543874
rs13191362
rs12401738
rs17094222
rs3817334
rs1558902
rs7138803
rs10182181
rs2365389
rs7141420
rs11847697
rs2207139
rs2245368
rs6477694
rs3888190
rs12446632
rs12566985
rs11126666
rs2650492
rs13078960
rs29941
rs1516725
rs3101336
rs17024393
rs1000940
rs11191560
rs10733682
rs17405819
rs2287019
rs2075650
rs7903146
rs11727676
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'VLDL_TG_int_imputed.txt_adiposity_instruments.txt'

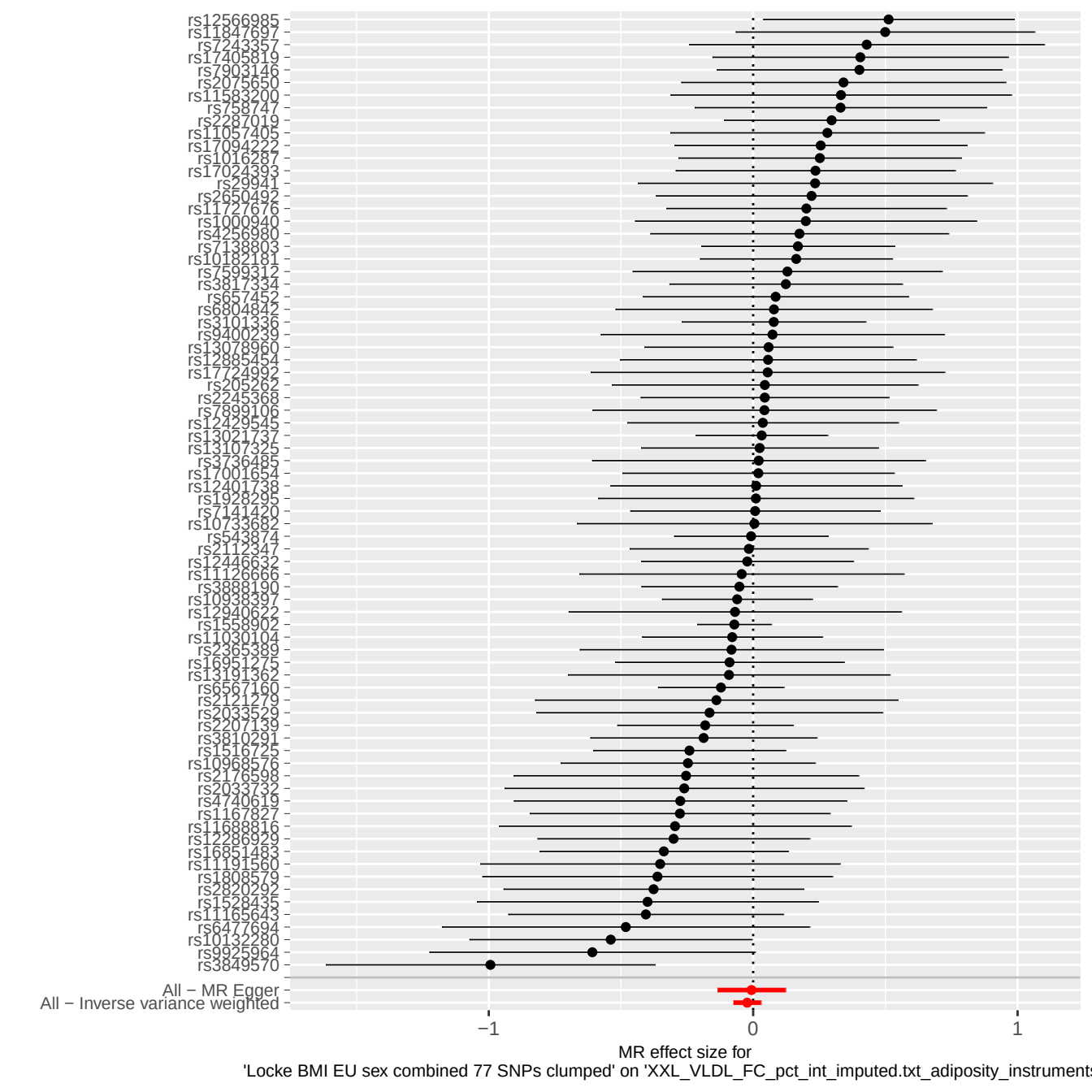

rs11057405
rs1516725
rs2075650
rs10733682
rs7903146
rs11727676
rs11126666
rs1000940
rs3736485
rs11847697
rs13078960
rs2287019
rs11191560
rs29941
rs2245368
rs7243357
rs1528435
rs7141420
rs2207139
rs1558902
rs3101336
rs2365389
rs7138803
rs1928295
rs10938397
rs12940622
rs6477694
rs6804842
rs17405819
rs11165643
rs12429545
rs13021737
rs2650492
rs10132280
rs10968576
rs758747
rs9400239
rs12566985
rs2176598
rs3888190
rs12446632
rs11688816
rs17094222
rs13191362
rs4256980
rs3810291
rs17001654
rs11030104
rs543874
rs2820292
rs2033529
rs12885454
rs2033732
rs657452
rs16851483
rs7599312
rs11583200
rs17024393
rs17724992
rs10182181
rs2121279
rs1016287
rs4740619
rs12401738
rs6567160
rs1167827
rs12286929
rs1808579
rs16951275
rs7899106
rs9925964
rs2112347
rs205262
rs3849570
rs3817334
rs13107325
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_L_int_imputed.txt_adiposity_instruments.txt'

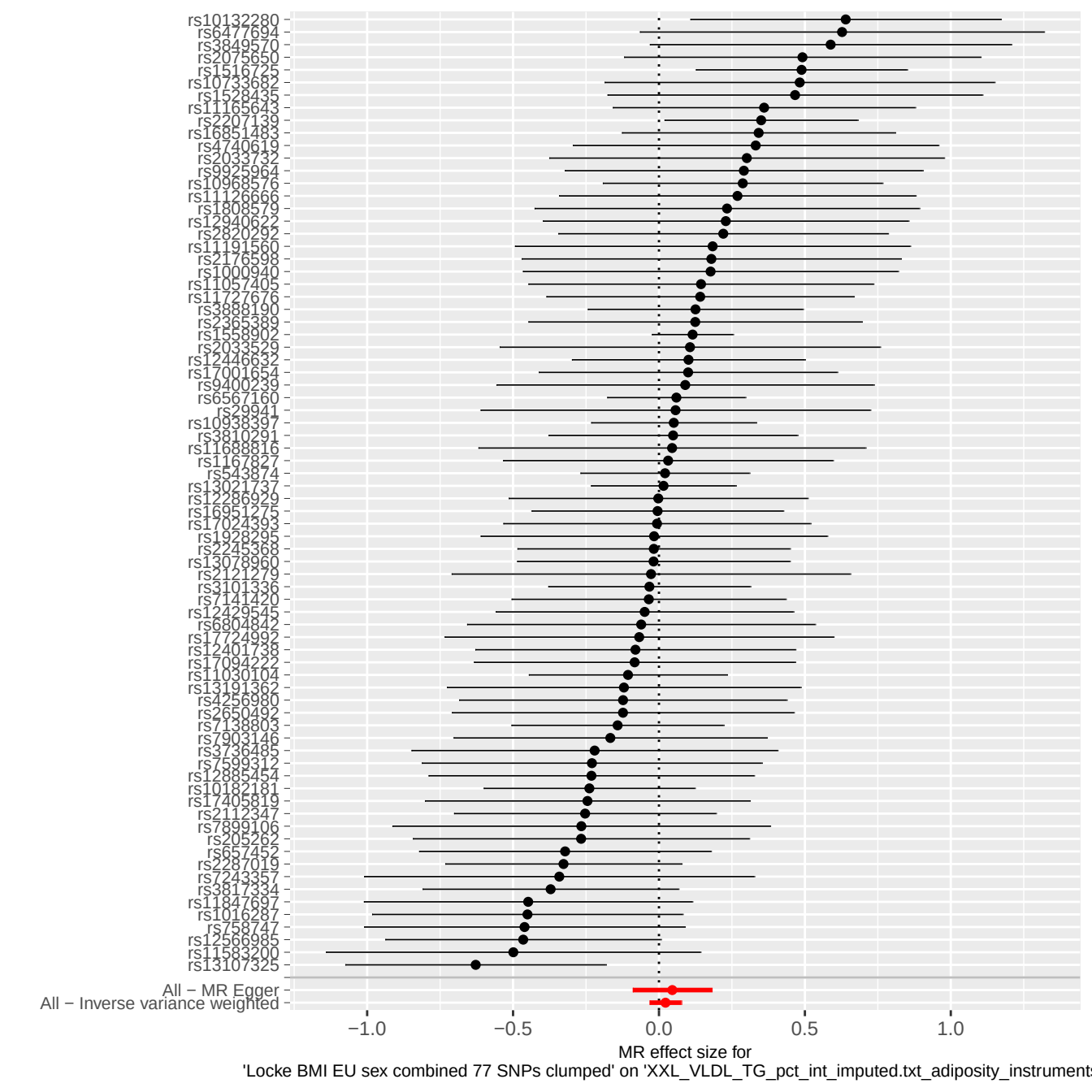

rs12940622
rs2121279
rs2287019
rs1167827
rs12401738
rs758747
rs1000940
rs11191560
rs11688816
rs11165643
rs7243357
rs3849570
rs3810291
rs1528435
rs9400239
rs2365389
rs7138803
rs11583200
rs1928295
rs17724992
rs11126666
rs543874
rs4256980
rs1808579
rs13021737
rs16951275
rs10968576
rs11847697
rs2176598
rs3817334
rs13107325
rs759312
rs657452
rs1016287
rs2033529
rs12566985
rs17405819
rs12885454
rs7141420
rs2207139
rs12286929
rs2245368
rs12446632
rs205262
rs1516725
rs2075650
rs3101336
rs3888190
rs2650492
rs11057405
rs1558902
rs2820292
rs3736485
rs10938397
rs13191362
rs12429545
rs10132280
rs4740619
rs2112347
rs9925964
rs6567160
rs11030104
rs10182181
rs6804842
rs7899106
rs29941
rs6477694
rs7903146
rs2033732
rs17094222
rs16851483
rs17001654
rs17024393
rs10733682
rs13078960
rs11727676
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Pyruvate_int_imputed.txt_adiposity_instruments.txt'

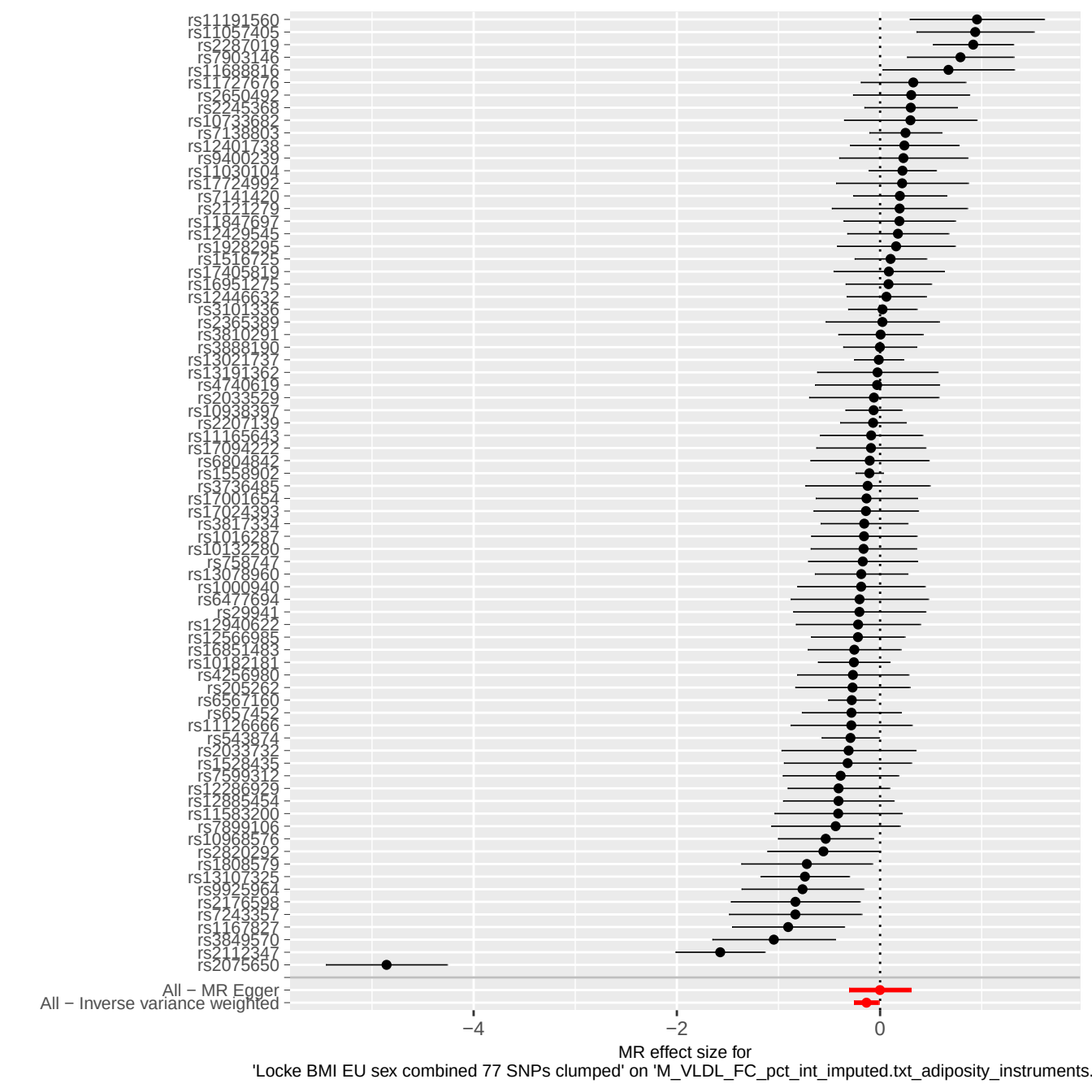

rs11688816
rs3736485
rs17724992
rs2121279
rs9400239
rs12429545
rs4740619
rs3810291
rs11030104
rs11165643
rs2033732
rs1016287
rs11191560
rs12885454
rs12286929
rs2033529
rs7138803
rs12940622
rs657452
rs13021737
rs758747
rs13107325
rs6567160
rs2287019
rs13191362
rs7899106
rs7903146
rs2245368
rs2650492
rs11583200
rs9925964
rs10938397
rs1928295
rs7141420
rs7243357
rs12401738
rs16851483
rs10132280
rs6804842
rs17001654
rs11727676
rs2365389
rs11847697
rs1808579
rs4256980
rs7599312
rs16951275
rs1528435
rs2820292
rs6477694
rs1558902
rs3817334
rs3888190
rs3849570
rs10733682
rs205262
rs12446632
rs17094222
rs10182181
rs11057405
rs2176598
rs2207139
rs12566985
rs1167827
rs1516725
rs543874
rs3101336
rs13078960
rs11126666
rs17405819
rs10968576
rs17024393
rs1000940
rs29941
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_L_int_imputed.txt_adiposity_instruments.txt

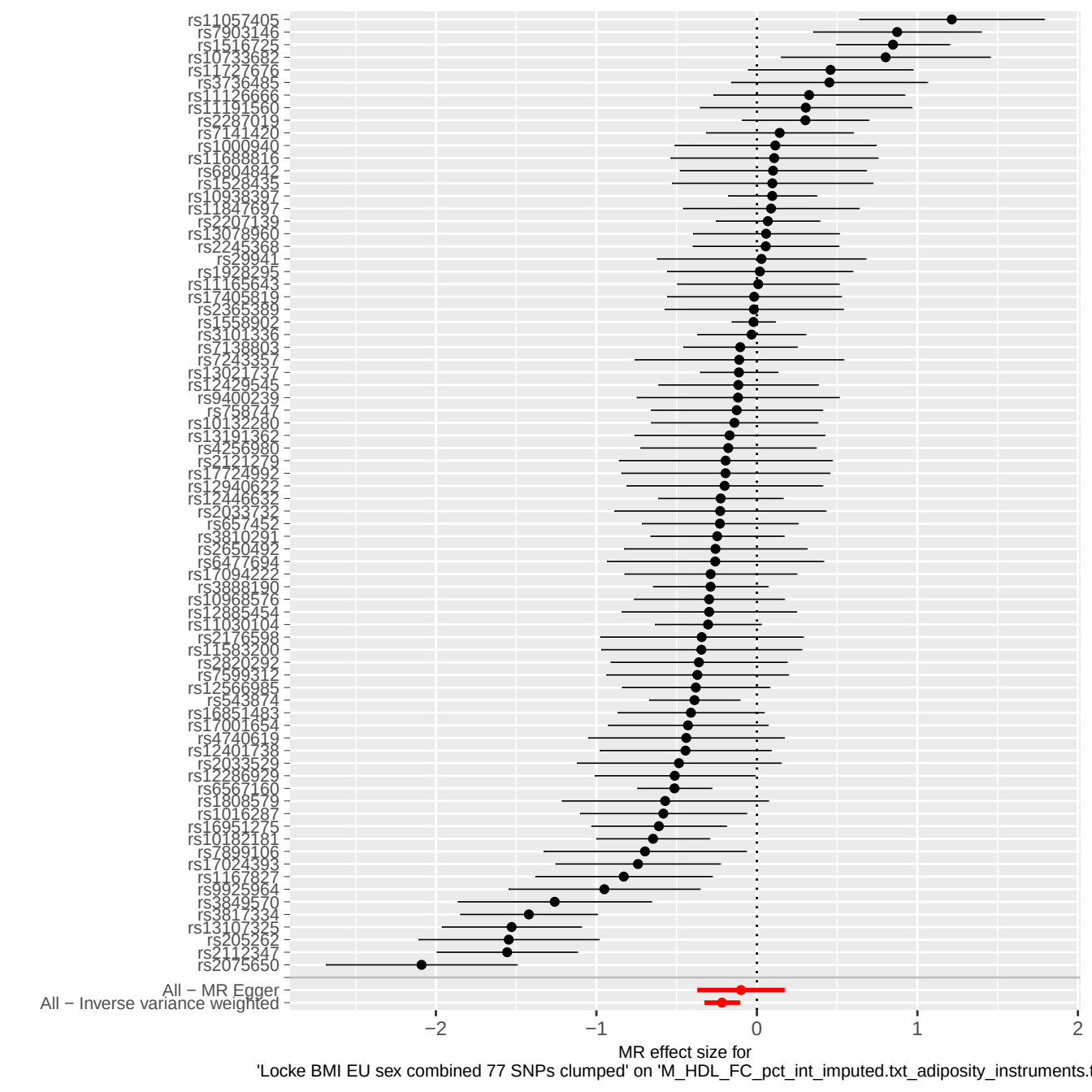

rs9925964
rs12401738
rs16951275
rs2287019
rs3817334
rs3849570
rs11191560
rs1808579
rs13107325
rs17405819
rs205262
rs12286929
rs7599312
rs4256980
rs657452
rs2121279
rs1167827
rs17724992
rs17094222
rs6804842
rs12885454
rs1528435
rs10968576
rs10182181
rs12446632
rs11583200
rs11030104
rs543874
rs16851483
rs6567160
rs758747
rs7899106
rs10938397
rs2365389
rs11847697
rs11688816
rs3101336
rs2033529
rs2820292
rs4740619
rs1016287
rs11165643
rs12566985
rs13191362
rs10132280
rs1928295
rs2207139
rs13078960
rs13021737
rs2112347
rs3888190
rs9400239
rs17001654
rs7903146
rs1558902
rs7141420
rs3810291
rs2176598
rs2245368
rs2033732
rs2650492
rs17024393
rs1000940
rs12940622
rs7138803
rs29941
rs10733682
rs12429545
rs1516725
rs11126666
rs11727676
rs6477694
rs3736485
rs7243357
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_C_pct_int_imputed.txt_adiposity_instruments.t

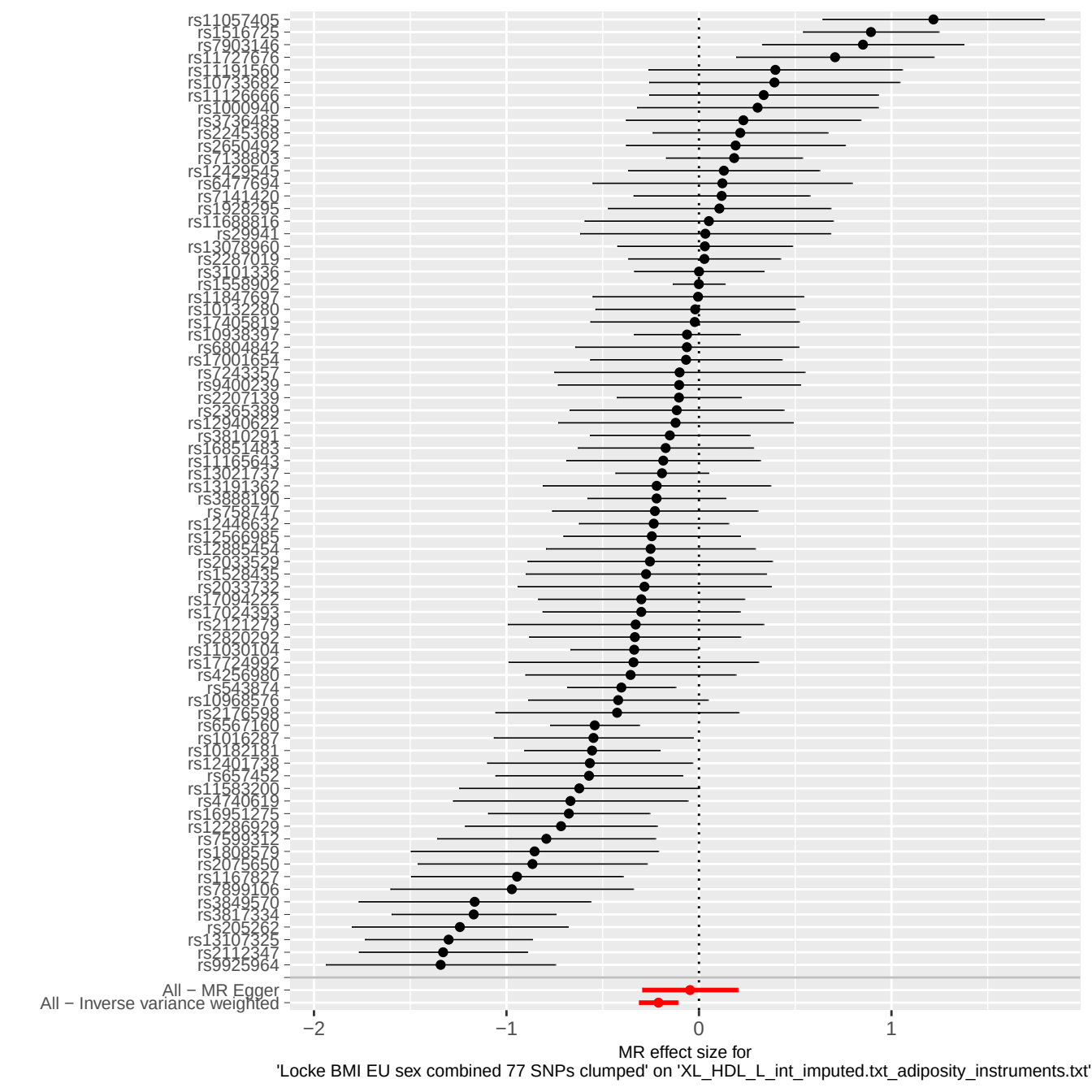

rs3736485
rs11688816
rs13107325
rs2121279
rs12429545
rs11583200
rs2033732
rs657452
rs17724992
rs3810291
rs4740619
rs7243357
rs7599312
rs758747
rs12286929
rs7899106
rs9925964
rs13021737
rs11165643
rs9400239
rs11030104
rs13191362
rs12885454
rs1016287
rs2112347
rs6567160
rs2820292
rs1528435
rs3849570
rs10938397
rs2176598
rs10132280
rs6804842
rs1808579
rs4256980
rs12940622
rs1167827
rs3817334
rs2033529
rs2245368
rs16851483
rs2287019
rs2650492
rs11057405
rs1558902
rs17094222
rs10182181
rs7141420
rs11847697
rs10733682
rs1516725
rs2365389
rs3888190
rs7138803
rs12446632
rs10968576
rs2207139
rs12401738
rs12566985
rs1928295
rs7903146
rs3101336
rs543874
rs17405819
rs11727676
rs6477694
rs205262
rs13078960
rs17001654
rs11191560
rs16951275
rs11126666
rs17024393
rs1000940
rs29941
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_TG_int_imputed.txt_adiposity_instruments.txt'

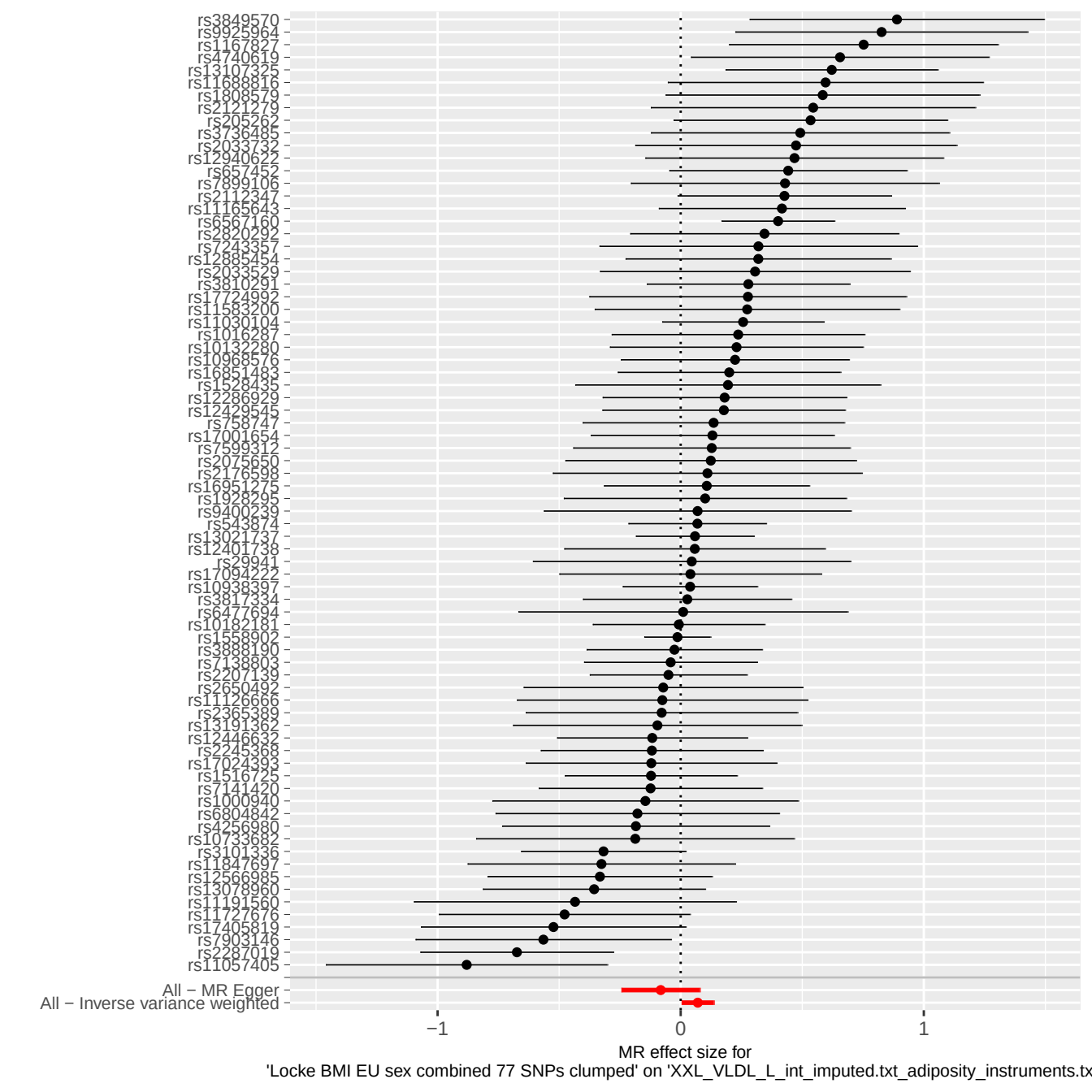

rs12566985
rs11847697
rs7243357
rs17405819
rs7903146
rs2075650
rs11583200
rs758747
rs2287019
rs11057405
rs17094222
rs1016287
rs17024393
rs29941
rs2650492
rs11727676
rs1000940
rs4256980
rs7138803
rs10182181
rs7599312
rs3817334
rs657452
rs6804842
rs3101336
rs9400239
rs13078960
rs12885454
rs17724992
rs205262
rs2245368
rs7899106
rs12429545
rs13021737
rs13107325
rs3736485
rs17001654
rs12401738
rs1928295
rs7141420
rs10733682
rs543874
rs2112347
rs12446632
rs11126666
rs3888190
rs10938397
rs12940622
rs1558902
rs11030104
rs2365389
rs16951275
rs13191362
rs6567160
rs2121279
rs2033529
rs2207139
rs3810291
rs1516725
rs10968576
rs2176598
rs2033732
rs4740619
rs1167827
rs11688816
rs12286929
rs16851483
rs11191560
rs1808579
rs2820292
rs1528435
rs11165643
rs6477694
rs10132280
rs9925964
rs3849570
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_FC_pct_int_imputed.txt_adiposity_instruments

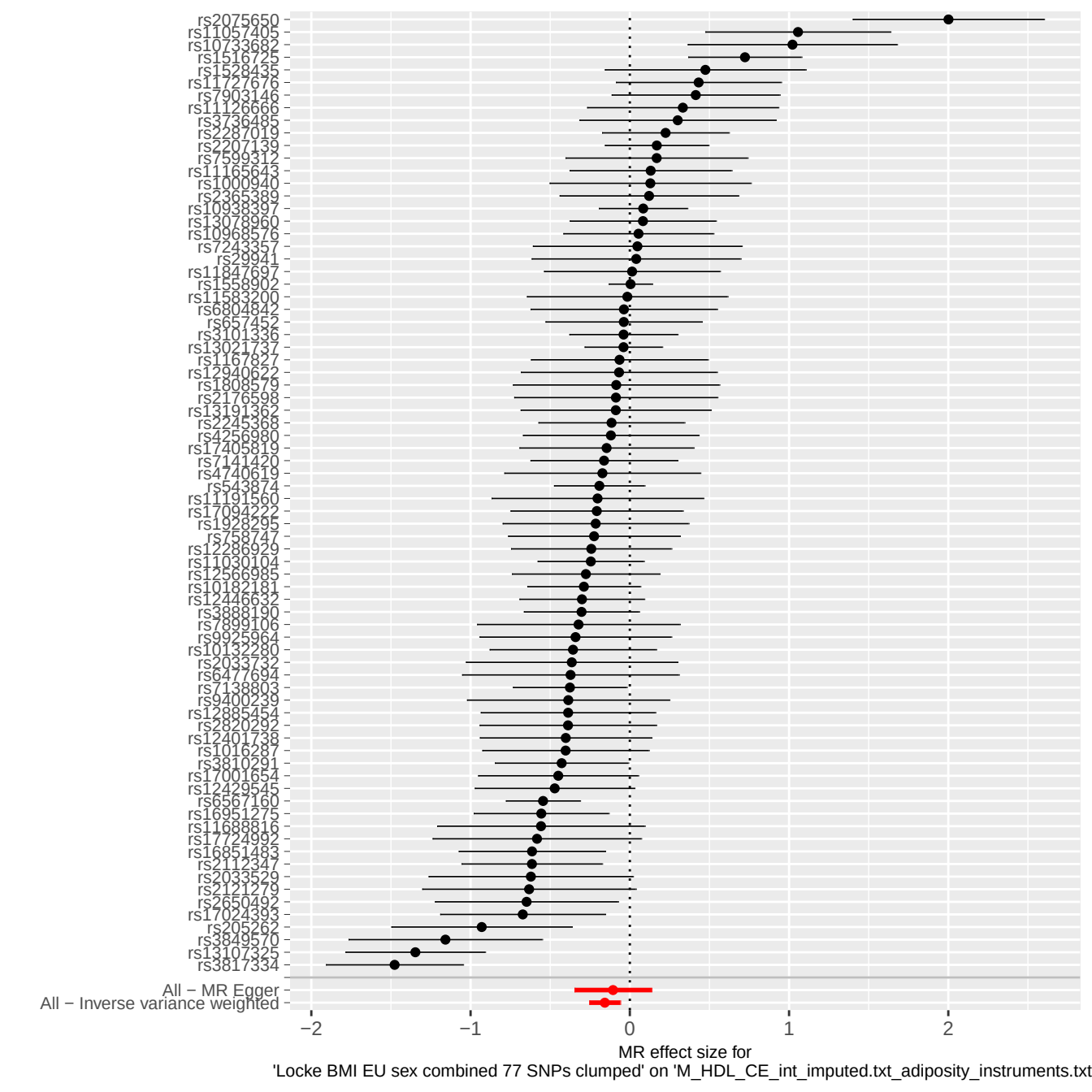

rs10132280
rs6477694
rs3849570
rs2075650
rs1516725
rs10733682
rs1528435
rs11165643
rs2207139
rs16851483
rs4740619
rs2033732
rs9925964
rs10968576
rs11126666
rs1808579
rs12940622
rs2820292
rs11191560
rs2176598
rs1000940
rs11057405
rs11727676
rs3888190
rs2365389
rs1558902
rs2033529
rs12446632
rs17001654
rs9400239
rs6567160
rs29941
rs10938397
rs3810291
rs11688816
rs1167827
rs543874
rs13021737
rs12286929
rs16951275
rs17024393
rs1928295
rs2245368
rs13078960
rs2121279
rs3101336
rs7141420
rs12429545
rs6804842
rs17724992
rs12401738
rs17094222
rs11030104
rs13191362
rs4256980
rs2650492
rs7138803
rs7903146
rs3736485
rs7599312
rs12885454
rs10182181
rs17405819
rs2112347
rs7899106
rs205262
rs657452
rs2287019
rs7243357
rs3817334
rs11847697
rs1016287
rs758747
rs12566985
rs11583200
rs13107325
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_TG_pct_int_imputed.txt_adiposity_instruments

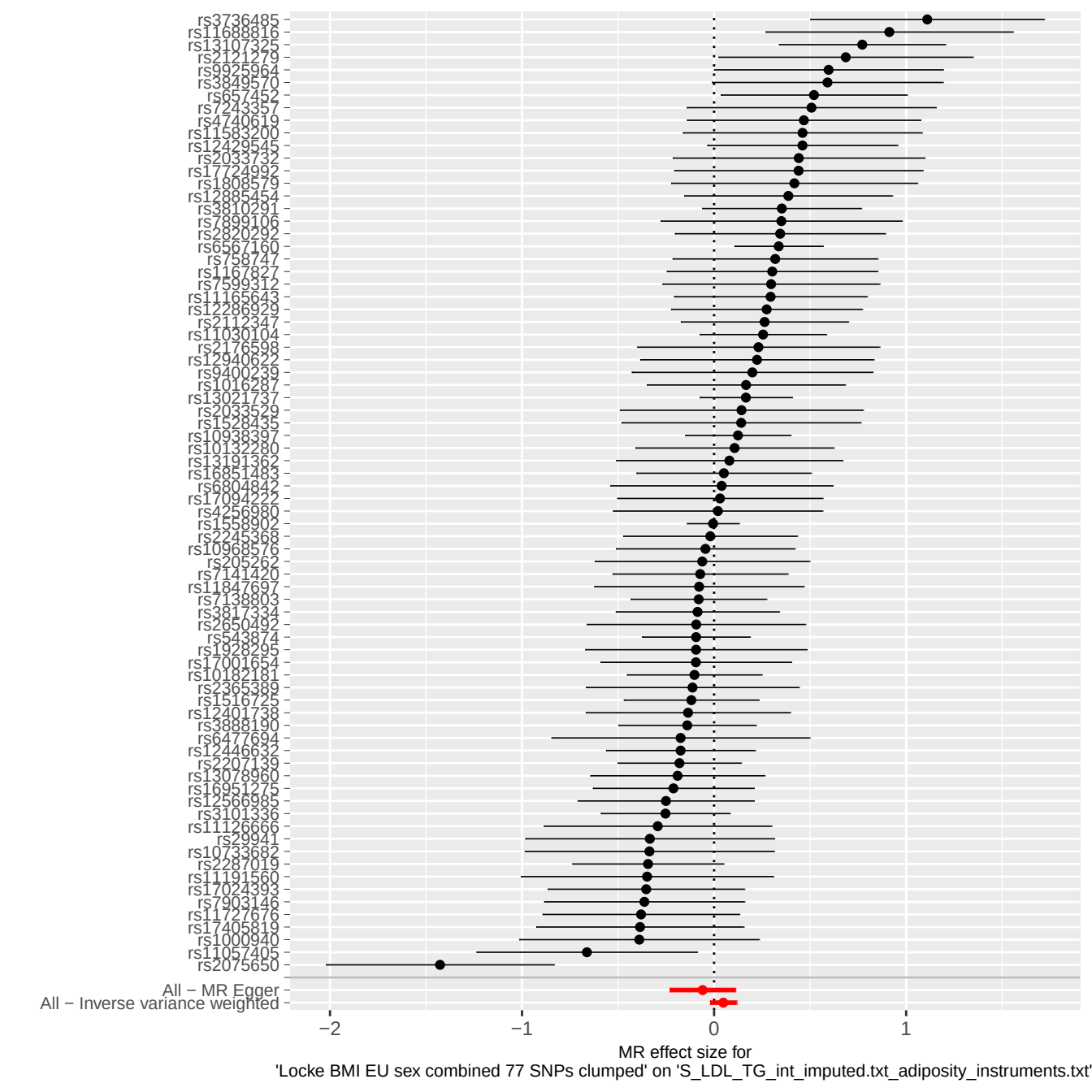

rs11191560
rs11057405
rs2287019
rs7903146
rs11688816
rs11727676
rs2650492
rs2245368
rs10733682
rs7138803
rs12401738
rs9400239
rs11030104
rs17724992
rs7141420
rs2121279
rs11847697
rs12429545
rs1928295
rs1516725
rs17405819
rs16951275
rs12446632
rs3101336
rs2365389
rs3810291
rs3888190
rs13021737
rs13191362
rs4740619
rs2033529
rs10938397
rs2207139
rs11165643
rs17094222
rs6804842
rs1558902
rs3736485
rs17001654
rs17024393
rs3817334
rs1016287
rs10132280
rs758747
rs13078960
rs1000940
rs6477694
rs29941
rs12940622
rs12566985
rs16851483
rs10182181
rs4256980
rs205262
rs6567160
rs657452
rs11126666
rs543874
rs2033732
rs1528435
rs7599312
rs12286929
rs12885454
rs11583200
rs7899106
rs10968576
rs2820292
rs1808579
rs13107325
rs9925964
rs2176598
rs7243357
rs1167827
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_FC_pct_int_imputed.txt_adiposity_instruments.

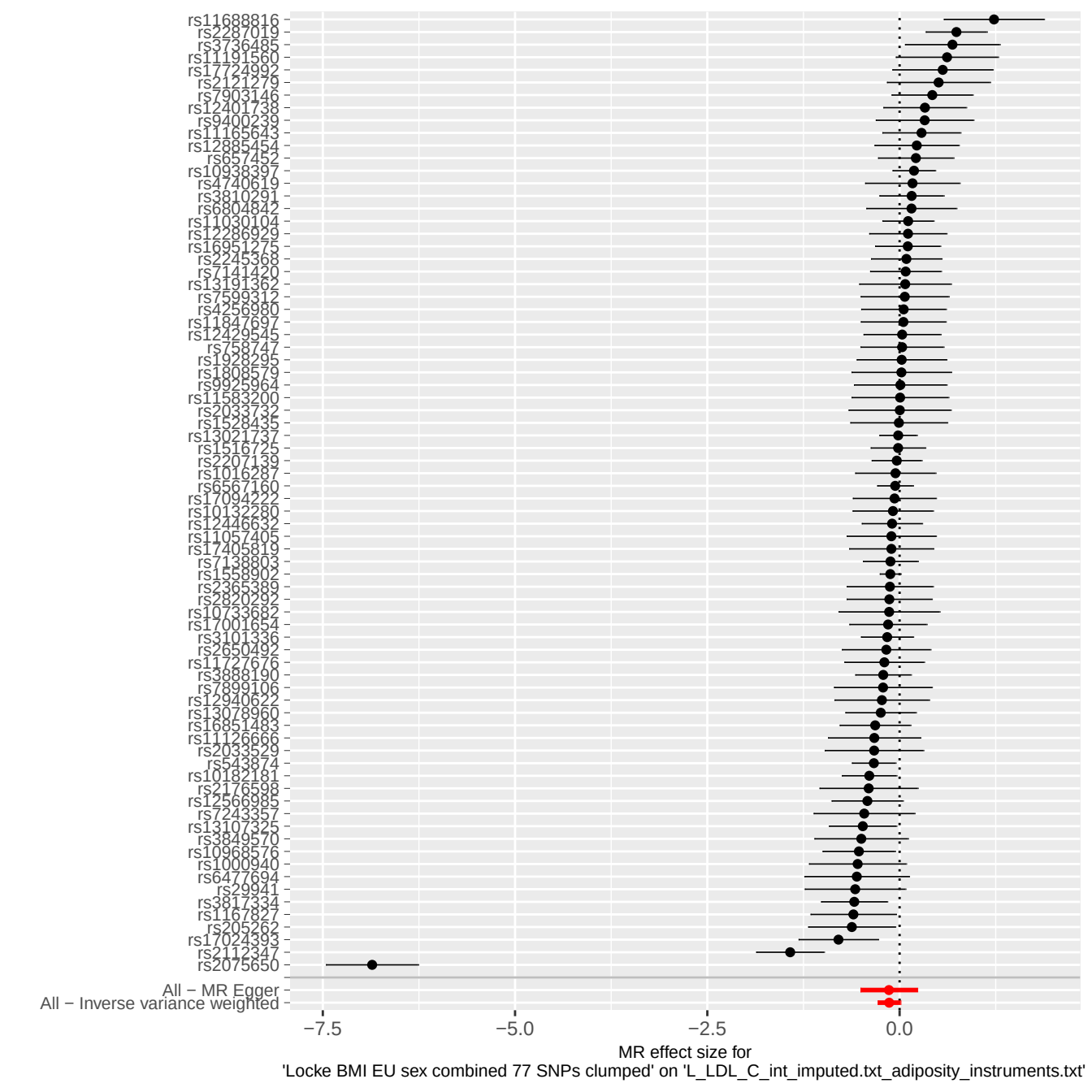

rs11057405
rs7903146
rs1516725
rs10733682
rs11727676
rs3736485
rs11126666
rs11191560
rs2287019
rs7141420
rs1000940
rs11688816
rs6804842
rs1528435
rs10938397
rs11847697
rs2207139
rs13078960
rs2245368
rs29941
rs1928295
rs11165643
rs17405819
rs2365389
rs1558902
rs3101336
rs7138803
rs7243357
rs13021737
rs12429545
rs9400239
rs758747
rs10132280
rs13191362
rs4256980
rs2121279
rs17724992
rs12940622
rs12446632
rs2033732
rs657452
rs3810291
rs2650492
rs6477694
rs17094222
rs3888190
rs10968576
rs12885454
rs11030104
rs2176598
rs11583200
rs2820292
rs7599312
rs12566985
rs543874
rs16851483
rs17001654
rs4740619
rs12401738
rs2033529
rs12286929
rs6567160
rs1808579
rs1016287
rs16951275
rs10182181
rs7899106
rs17024393
rs1167827
rs9925964
rs3849570
rs3817334
rs13107325
rs205262
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_FC_pct_int_imputed.txt_adiposity_instruments.t

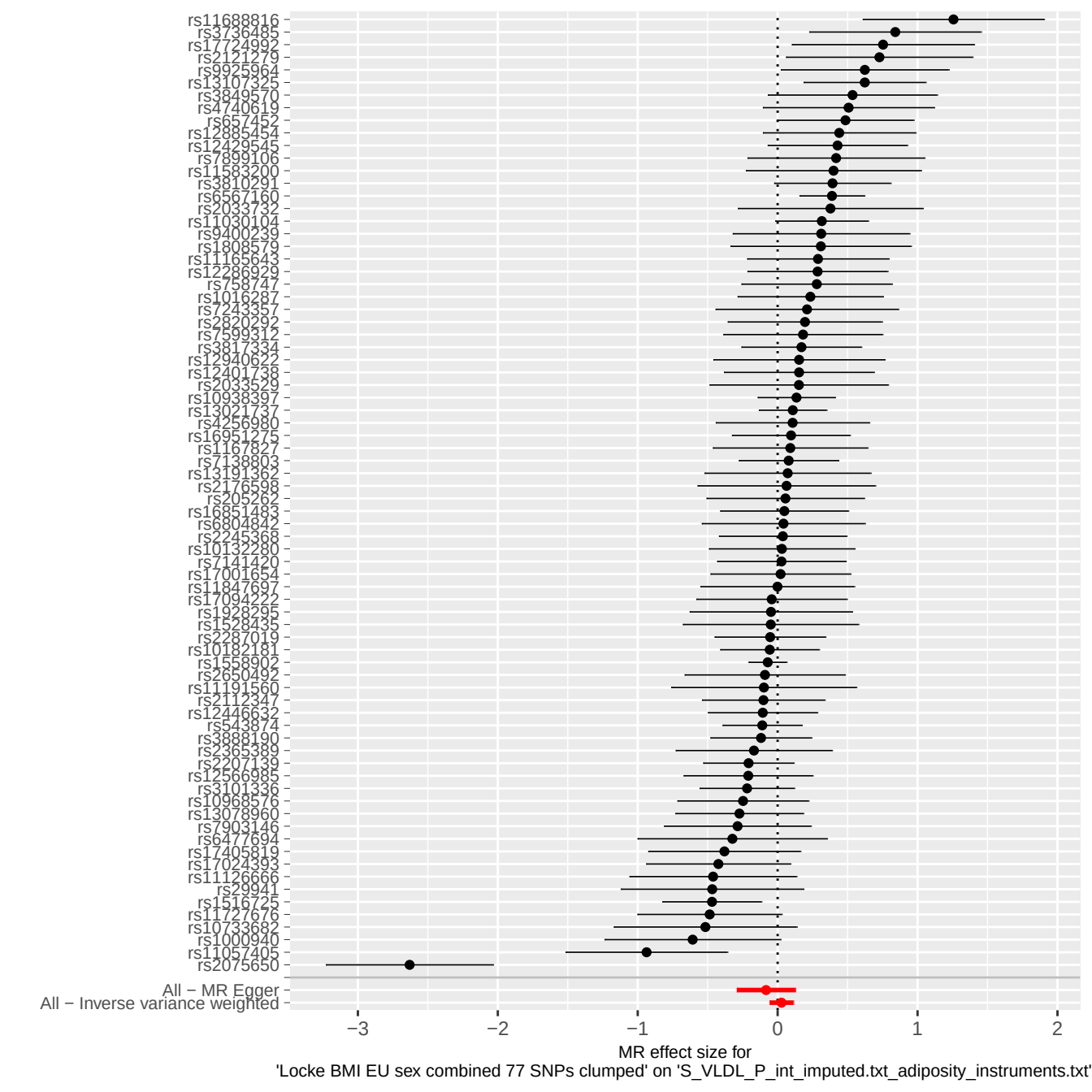

rs11057405
rs1516725
rs7903146
rs11727676
rs11191560
rs10733682
rs11126666
rs1000940
rs3736485
rs2245368
rs2650492
rs7138803
rs12429545
rs6477694
rs7141420
rs1928295
rs11688816
rs29941
rs13078960
rs2287019
rs3101336
rs1558902
rs11847697
rs10132280
rs17405819
rs10938397
rs6804842
rs17001654
rs7243357
rs9400239
rs2207139
rs2365389
rs12940622
rs3810291
rs16851483
rs11165643
rs13021737
rs13191362
rs3888190
rs758747
rs12446632
rs12566985
rs12885454
rs2033529
rs1528435
rs2033732
rs17094222
rs17024393
rs2121279
rs2820292
rs11030104
rs17724992
rs4256980
rs543874
rs10968576
rs2176598
rs6567160
rs1016287
rs10182181
rs12401738
rs657452
rs11583200
rs4740619
rs16951275
rs12286929
rs7599312
rs1808579
rs2075650
rs1167827
rs7899106
rs3849570
rs3817334
rs205262
rs13107325
rs2112347
rs9925964
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_L_int_imputed.txt_adiposity_instruments.txt'

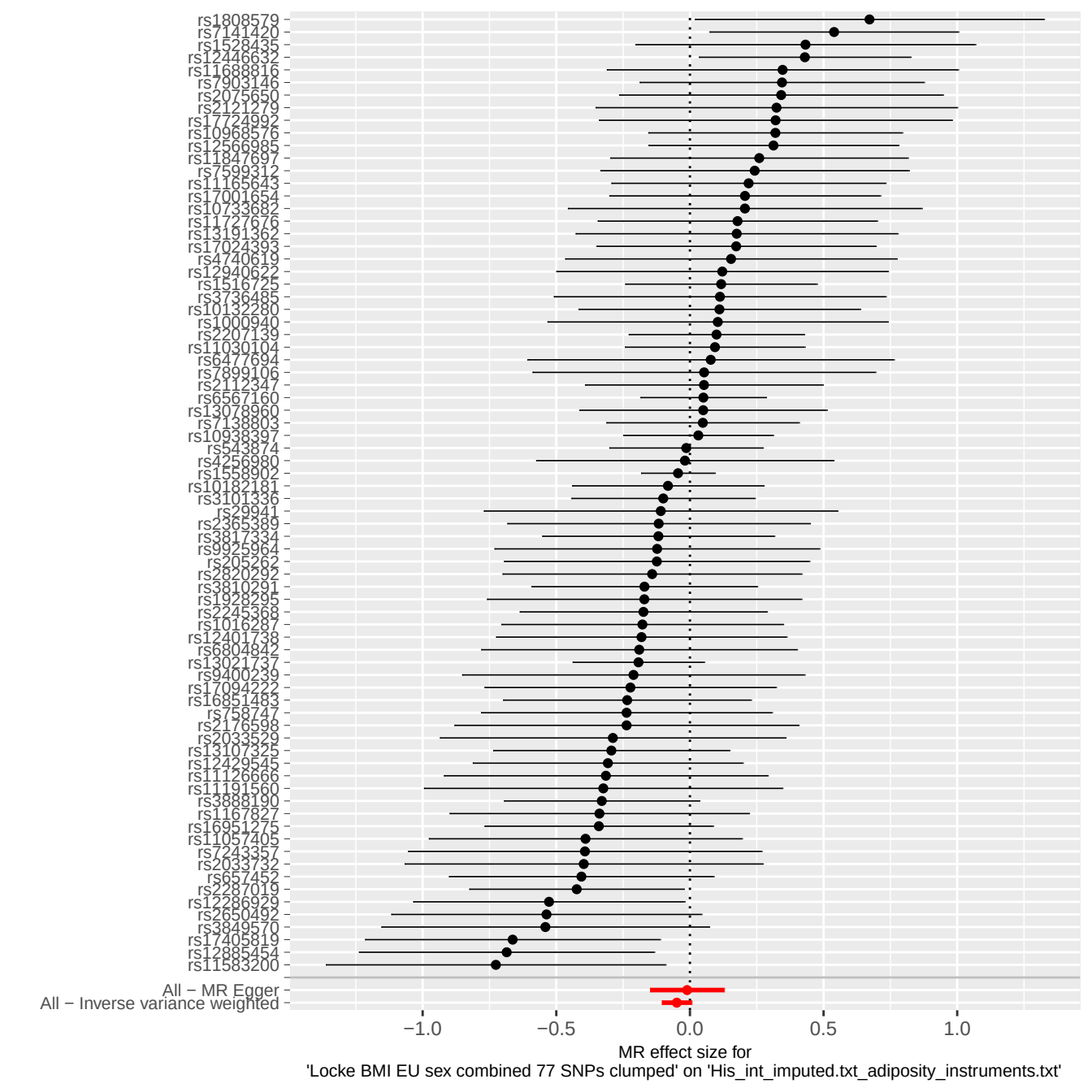

rs3849570
rs9925964
rs1167827
rs4740619
rs13107325
rs11688816
rs1808579
rs2121279
rs205262
rs3736485
rs2033732
rs12940622
rs657452
rs7899106
rs2112347
rs11165643
rs6567160
rs2820292
rs7243357
rs12885454
rs2033529
rs3810291
rs17724992
rs11583200
rs11030104
rs1016287
rs10132280
rs10968576
rs16851483
rs1528435
rs12286929
rs12429545
rs758747
rs17001654
rs7599312
rs2075650
rs2176598
rs16951275
rs1928295
rs9400239
rs543874
rs13021737
rs12401738
rs29941
rs17094222
rs10938397
rs3817334
rs6477694
rs10182181
rs1558902
rs3888190
rs7138803
rs2207139
rs2650492
rs11126666
rs2365389
rs13191362
rs12446632
rs2245368
rs17024393
rs1516725
rs7141420
rs1000940
rs6804842
rs4256980
rs10733682
rs3101336
rs11847697
rs12566985
rs13078960
rs11191560
rs11727676
rs17405819
rs7903146
rs2287019
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_L_int_imputed.txt_adiposity_instruments.tx

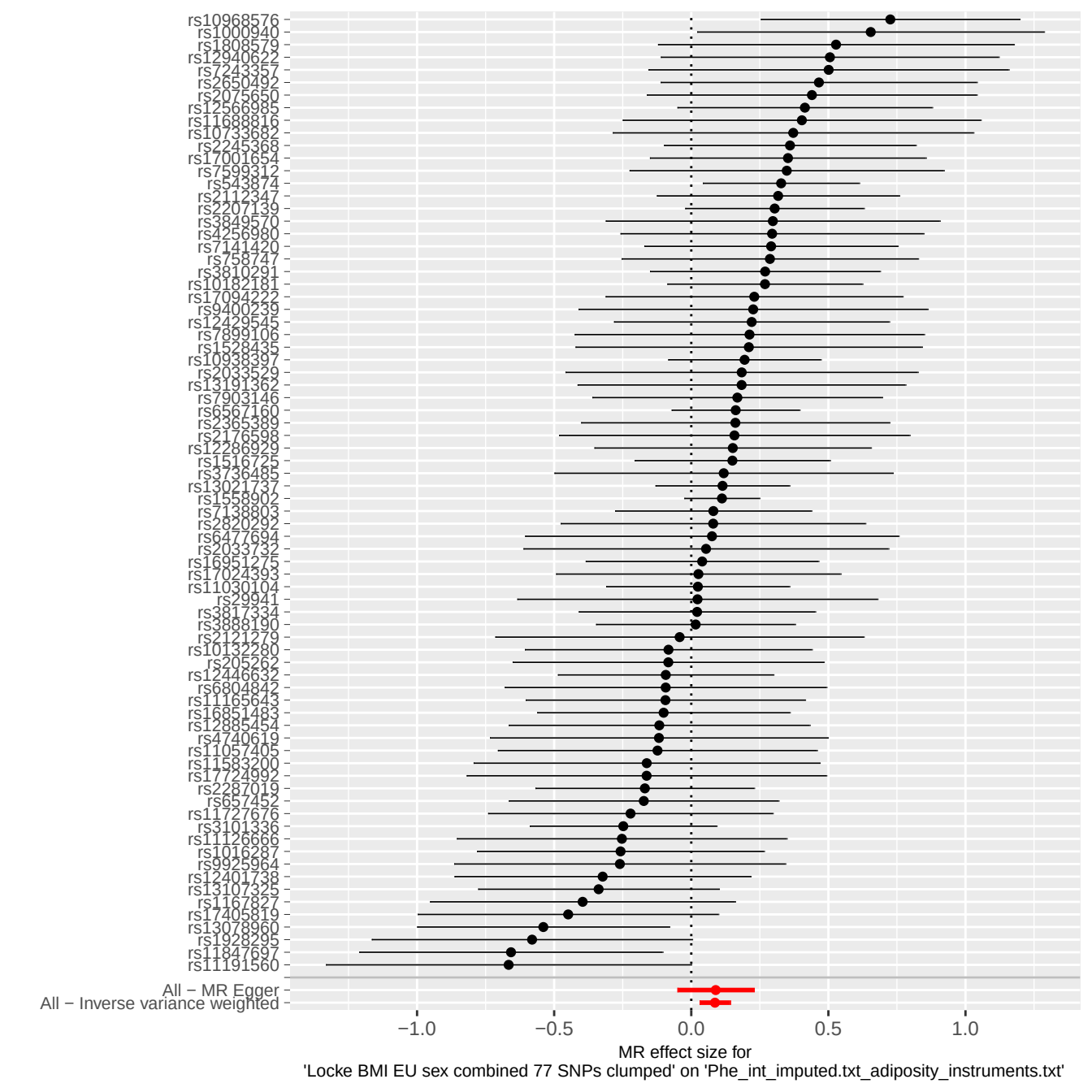

rs2075650
rs11057405
rs10733682
rs1516725
rs1528435
rs11727676
rs7903146
rs11126666
rs3736485
rs2287019
rs2207139
rs7599312
rs11165643
rs1000940
rs2365389
rs10938397
rs13078960
rs10968576
rs7243357
rs29941
rs11847697
rs1558902
rs11583200
rs6804842
rs657452
rs3101336
rs13021737
rs1167827
rs12940622
rs1808579
rs2176598
rs13191362
rs2245368
rs4256980
rs17405819
rs7141420
rs4740619
rs543874
rs11191560
rs17094222
rs1928295
rs758747
rs12286929
rs11030104
rs12566985
rs10182181
rs12446632
rs3888190
rs7899106
rs9925964
rs10132280
rs2033732
rs6477694
rs7138803
rs9400239
rs12885454
rs2820292
rs12401738
rs1016287
rs3810291
rs17001654
rs12429545
rs6567160
rs16951275
rs11688816
rs17724992
rs16951483
rs2112347
rs2033529
rs2121279
rs2650492
rs17024393
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_CE_int_imputed.txt_adiposity_instruments.txt

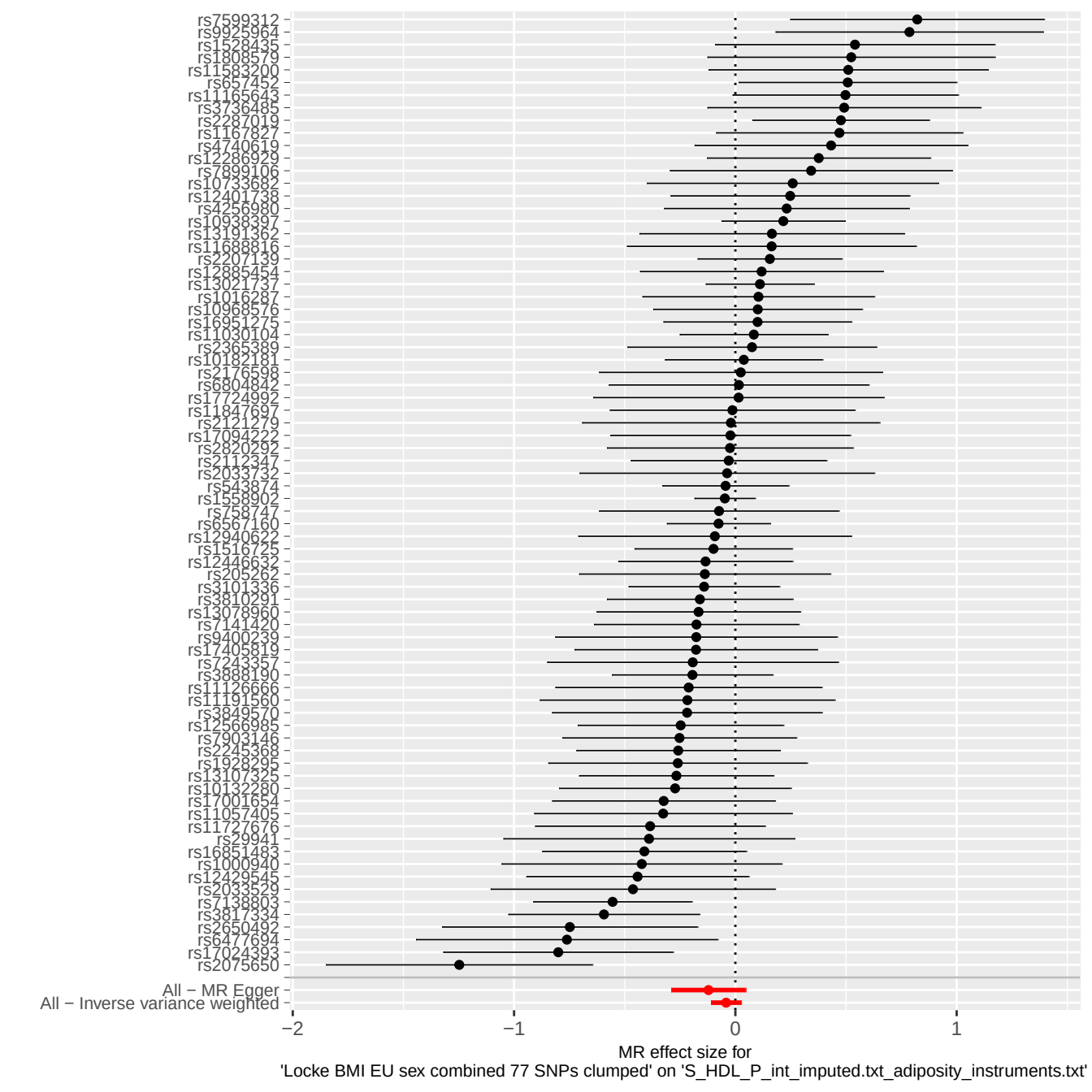

rs3736485
rs11688816
rs13107325
rs2121279
rs9925964
rs3849570
rs657452
rs7243357
rs4740619
rs11583200
rs12429545
rs2033732
rs17724992
rs1808579
rs12885454
rs3810291
rs7899106
rs2820292
rs6567160
rs758747
rs1167827
rs7599312
rs11165643
rs12286929
rs2112347
rs11030104
rs2176598
rs12940622
rs9400239
rs1016287
rs13021737
rs2033529
rs1528435
rs10938397
rs10132280
rs13191362
rs16851483
rs6804842
rs17094222
rs4256980
rs1558902
rs2245368
rs10968576
rs205262
rs7141420
rs11847697
rs7138803
rs3817334
rs2650492
rs543874
rs1928295
rs17001654
rs10182181
rs2365389
rs1516725
rs12401738
rs3888190
rs6477694
rs12446632
rs2207139
rs13078960
rs16951275
rs12566985
rs3101336
rs11126666
rs29941
rs10733682
rs2287019
rs11191560
rs17024393
rs7903146
rs11727676
rs17405819
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_TG_int_imputed.txt_adiposity_instruments.txt'

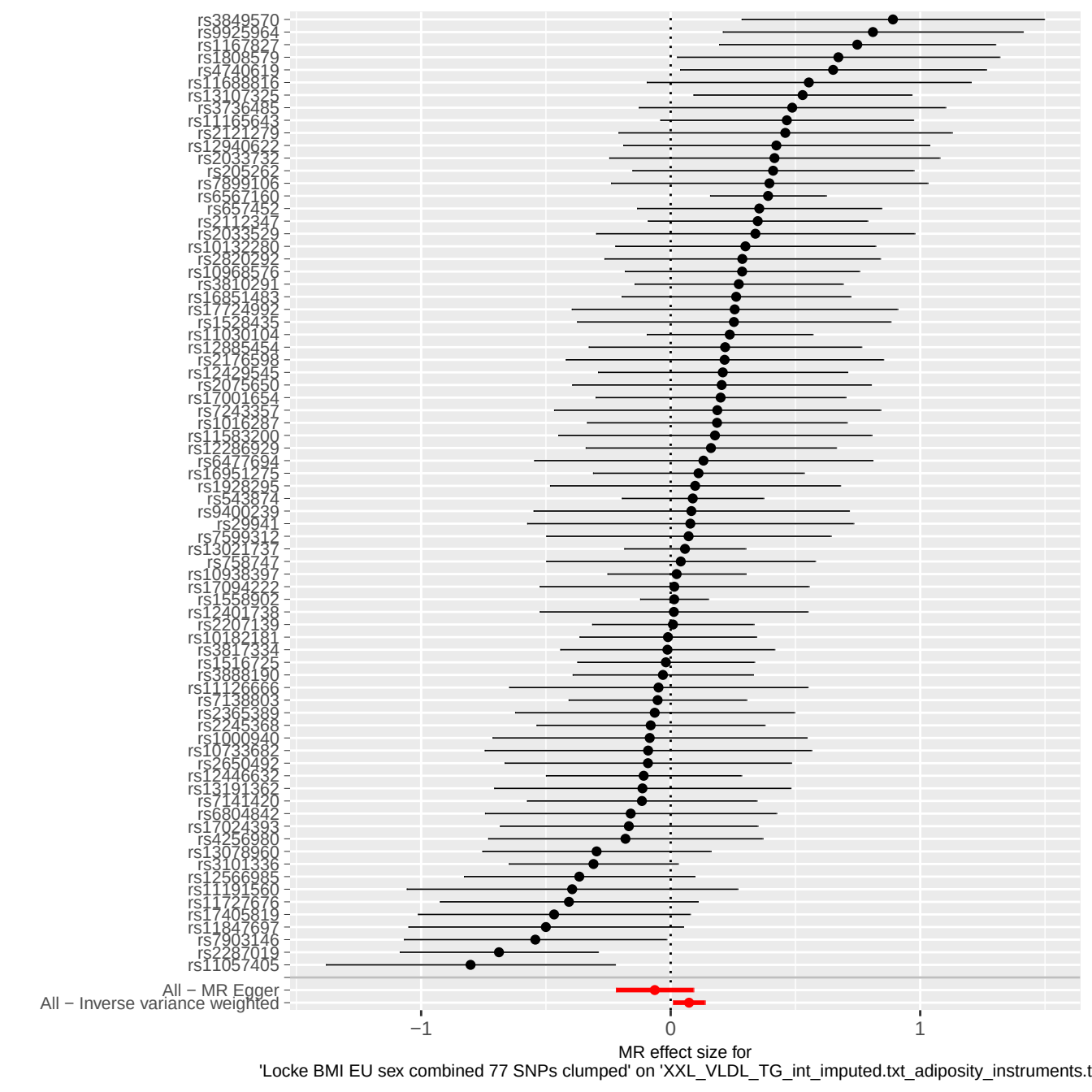

rs11688816
rs2287019
rs3736485
rs11191560
rs17724992
rs2121279
rs7903146
rs12401738
rs9400239
rs11165643
rs12885454
rs8057452
rs10938397
rs4740619
rs3810291
rs6804842
rs11030104
rs12286929
rs16951275
rs2245368
rs7141420
rs13191362
rs7599312
rs4256980
rs11847697
rs12429545
rs758747
rs1928295
rs1808579
rs9925964
rs11583200
rs2033732
rs1528435
rs13021737
rs1516725
rs2207139
rs1016287
rs6567160
rs17094222
rs10132280
rs12446632
rs11057405
rs17405819
rs7138803
rs1558902
rs2365389
rs2820292
rs10733682
rs17001654
rs3101336
rs2650492
rs11727676
rs3888190
rs7899106
rs12940622
rs13078960
rs16851483
rs11126666
rs2033529
rs543874
rs10182181
rs2176598
rs12566985
rs7243357
rs13107325
rs3849570
rs10968576
rs1000940
rs6477694
rs29941
rs3817334
rs1167827
rs205262
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_C_int_imputed.txt_adiposity_instruments.txt'

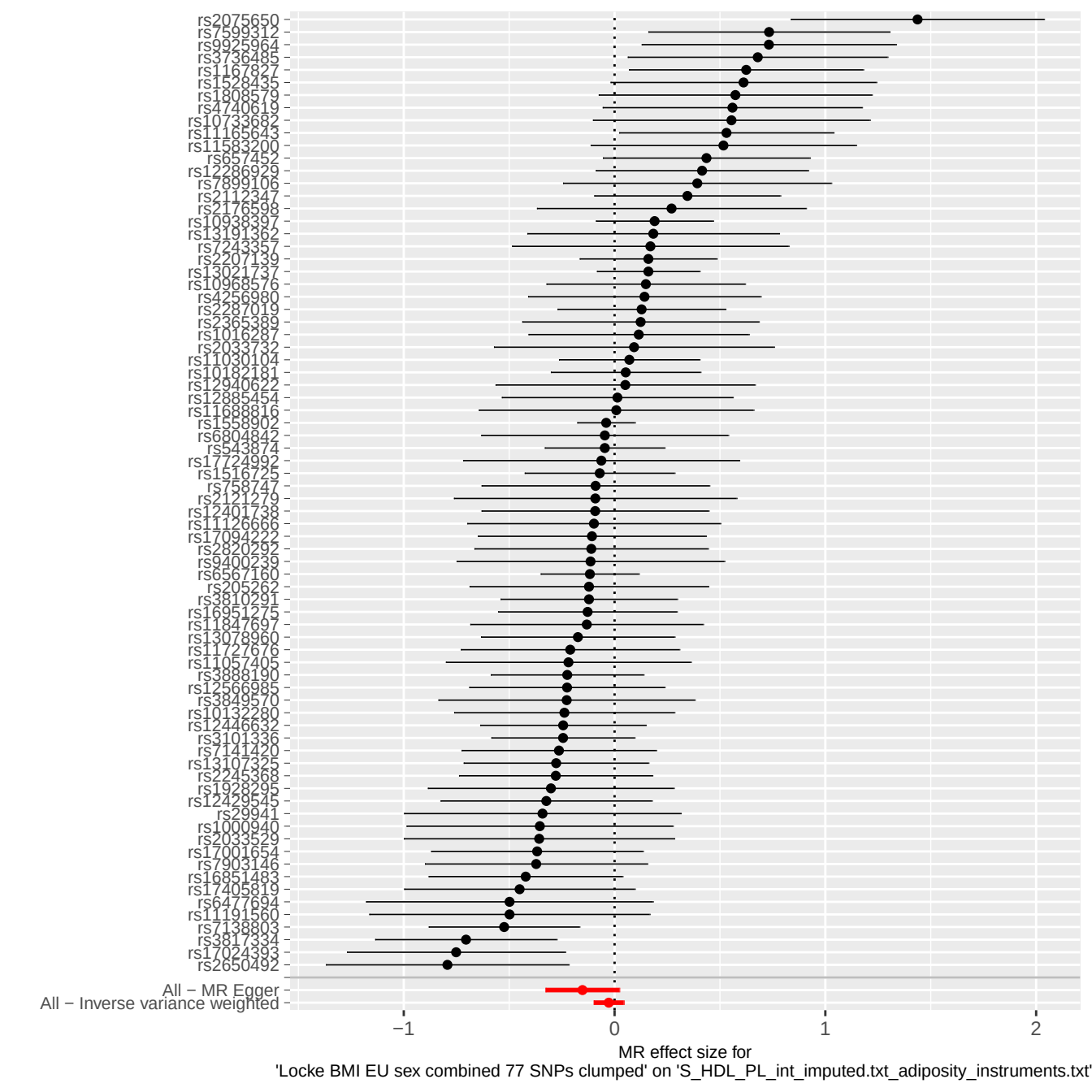

rs11688816
rs3736485
rs17724992
rs2121279
rs9925964
rs13107325
rs3849570
rs4740619
rs657452
rs12885454
rs12429545
rs7899106
rs11583200
rs3810291
rs6567160
rs2033732
rs11030104
rs9400239
rs1808579
rs11165643
rs12286929
rs758747
rs1016287
rs7243357
rs2820292
rs7599312
rs3817334
rs12940622
rs12401738
rs2033529
rs10938397
rs13021737
rs4256980
rs16951275
rs1167827
rs7138803
rs13191362
rs2176598
rs205262
rs16851483
rs6804842
rs2245368
rs10132280
rs7141420
rs17001654
rs11847697
rs17094222
rs1928295
rs1528435
rs2287019
rs10182181
rs1558902
rs2650492
rs11191560
rs2112347
rs12446632
rs543874
rs3888190
rs2365389
rs2207139
rs12566985
rs3101336
rs10968576
rs13078960
rs7903146
rs6477694
rs17405819
rs17024393
rs11126666
rs29941
rs1516725
rs11727676
rs10733682
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_P_int_imputed.txt_adiposity_instruments.txt'

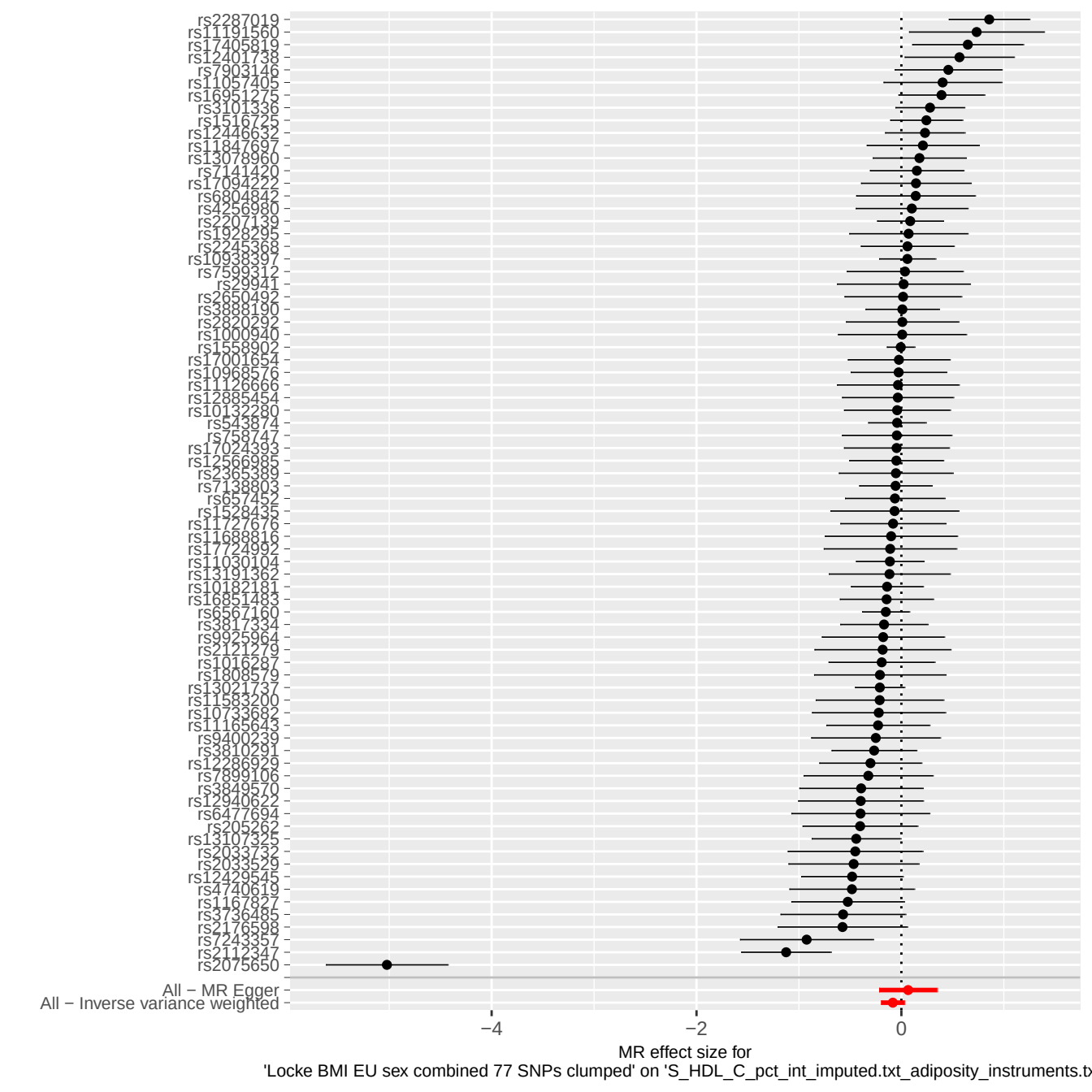

rs1808579
rs7141420
rs1528435
rs12446632
rs11688816
rs7903146
rs2075650
rs2121279
rs17724992
rs10968576
rs12566985
rs11847697
rs7599312
rs11165643
rs17001654
rs10733682
rs11727676
rs13191362
rs17024393
rs4740619
rs12940622
rs1516725
rs3736485
rs10132280
rs1000940
rs2207139
rs11030104
rs6477694
rs7899106
rs2112347
rs6567160
rs13078960
rs7138803
rs10938397
rs543874
rs4256980
rs1558902
rs10182181
rs3101336
rs29941
rs2365389
rs3817334
rs9925964
rs205262
rs2820292
rs3810291
rs1928295
rs2245368
rs1016287
rs12401738
rs6804842
rs13021737
rs9400239
rs17094222
rs16851483
rs758747
rs2176598
rs2033529
rs13107325
rs12429545
rs11126666
rs11191560
rs3888190
rs1167827
rs16951275
rs11057405
rs7243357
rs2033732
rs657452
rs2287019
rs12286929
rs2650492
rs3849570
rs17405819
rs12885454
rs11583200
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'His_int_imputed.txt_adiposity_instruments.txt'

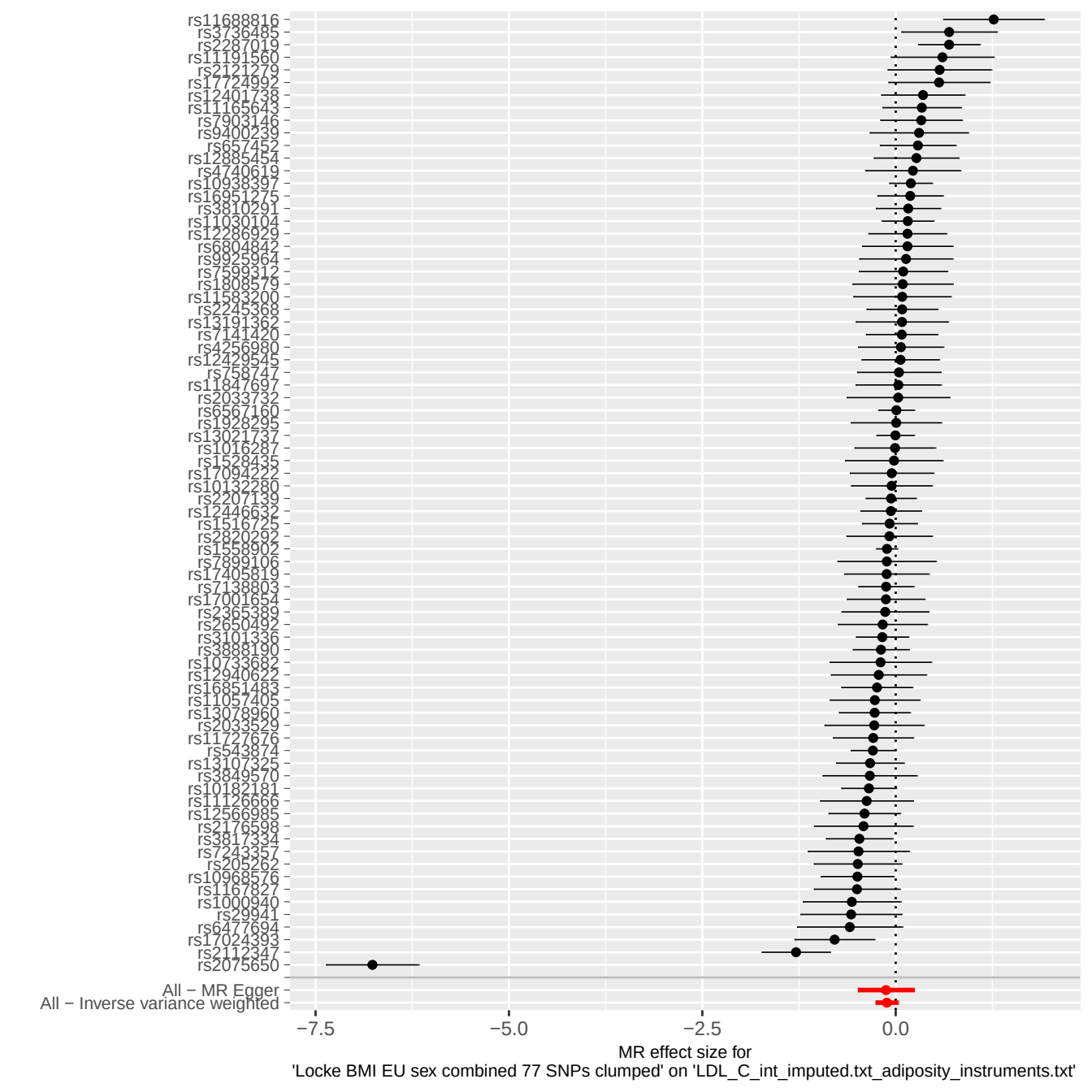

rs10968576
rs1000940
rs1808579
rs12940622
rs7243357
rs2650492
rs2075650
rs12566985
rs11688816
rs10733682
rs2245368
rs17001654
rs759312
rs543874
rs2112347
rs2207139
rs3849570
rs4256980
rs7141420
rs758747
rs3810291
rs10182181
rs17094222
rs9400239
rs12429545
rs7899106
rs1528435
rs10938397
rs2033529
rs13191362
rs7903146
rs6567160
rs2365389
rs2176598
rs12286929
rs1516725
rs3736485
rs13021737
rs1558902
rs7138803
rs2820292
rs6477694
rs2033732
rs16951275
rs17024393
rs11030104
rs29941
rs3817334
rs3888190
rs2121279
rs10132280
rs205262
rs12446632
rs6804842
rs11165643
rs16851483
rs12885454
rs4740619
rs11057405
rs11583200
rs17724992
rs2287019
rs657452
rs11727676
rs3101336
rs11126666
rs1016287
rs9925964
rs12401738
rs13107325
rs1167827
rs17405819
rs13078960
rs1928295
rs11847697
rs11191560
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Phe_int_imputed.txt_adiposity_instruments.txt'

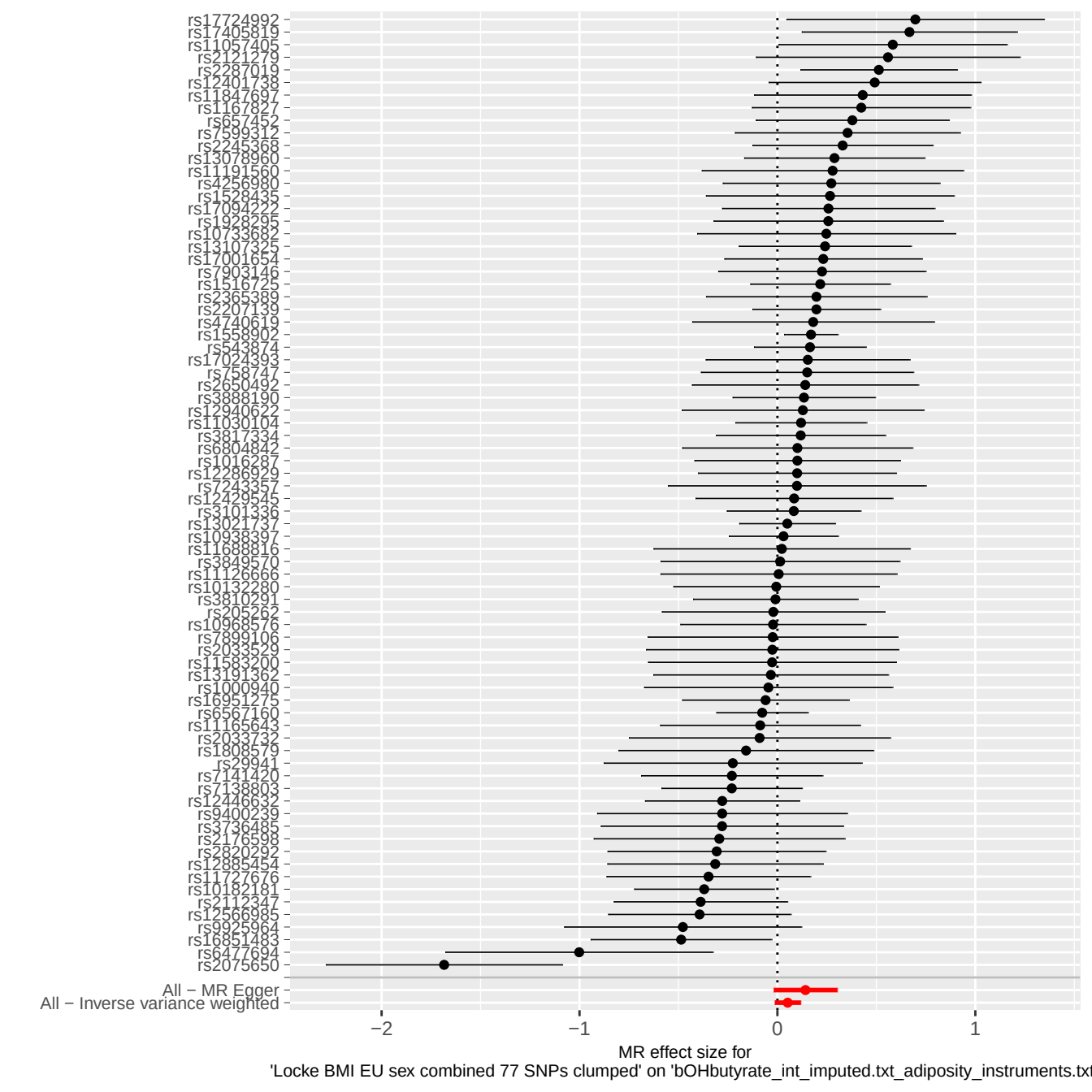

rs7599312
rs9925964
rs1528435
rs1808579
rs11583200
rs657452
rs11165643
rs3736485
rs2287019
rs1167827
rs4740619
rs12286929
rs7899106
rs10733682
rs12401738
rs4256980
rs10938397
rs13191362
rs11688816
rs2207139
rs12885454
rs13021737
rs1016287
rs10968576
rs16951275
rs11030104
rs2365389
rs10182181
rs2176598
rs6804842
rs17724992
rs11947697
rs2121279
rs17094222
rs2820292
rs2112347
rs2033732
rs543874
rs1558902
rs758747
rs6567160
rs12940622
rs1516725
rs12446632
rs205262
rs3101336
rs3810291
rs13078960
rs7141420
rs9400239
rs17405819
rs7243357
rs3888190
rs11126666
rs11191560
rs3849570
rs12566985
rs7903146
rs2245368
rs1928295
rs13107325
rs10132280
rs17001654
rs11057405
rs11727676
rs29941
rs16851483
rs1000940
rs12429545
rs2033529
rs7138803
rs3817334
rs2650492
rs6477694
rs17024393
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_P_int_imputed.txt_adiposity_instruments.txt'

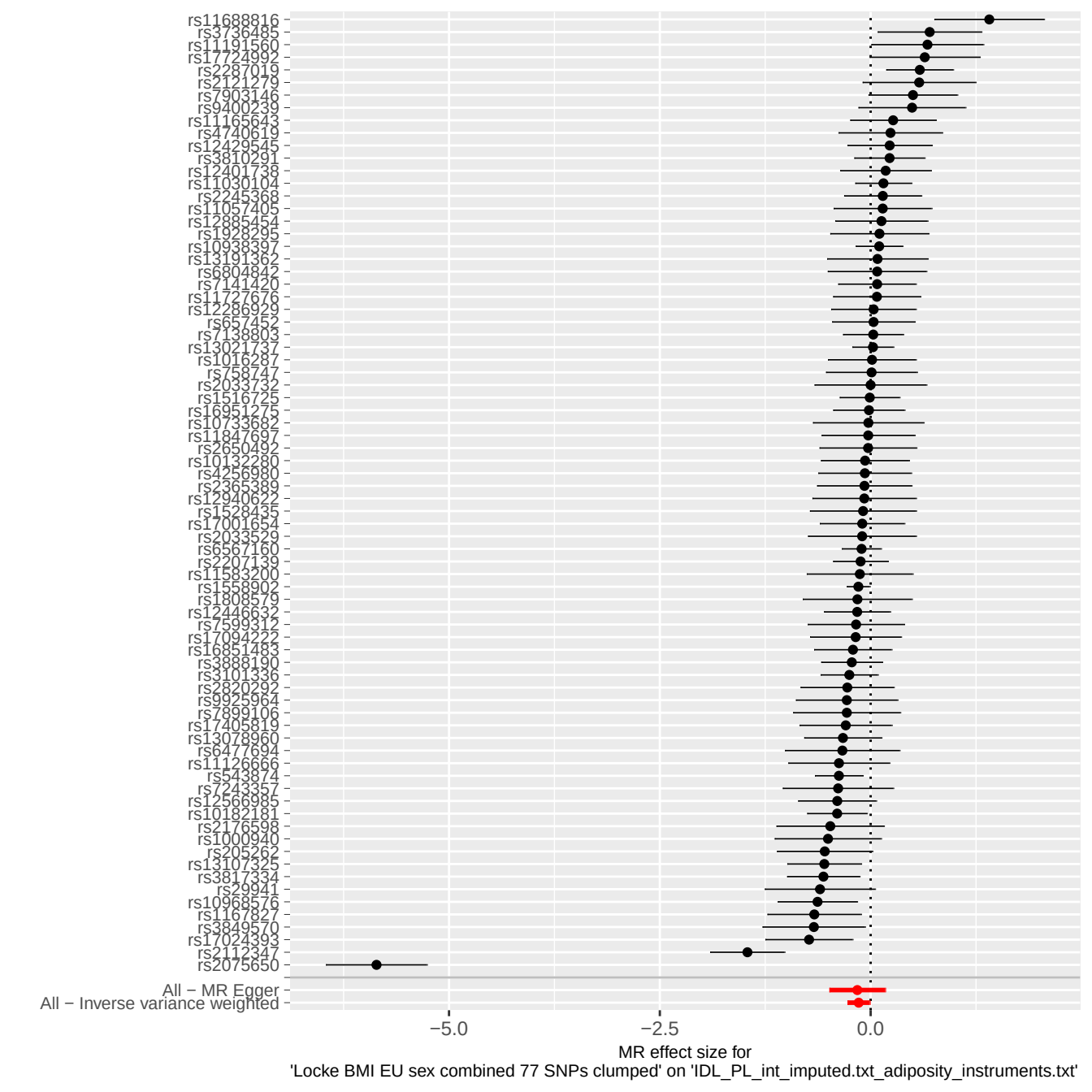

rs3849570
rs9925964
rs1167827
rs1808579
rs4740619
rs11688816
rs13107325
rs3736485
rs11165643
rs2121279
rs12940622
rs2033732
rs205262
rs7899106
rs6567160
rs657452
rs2112347
rs2033529
rs10132280
rs2820292
rs10968576
rs3810291
rs16851483
rs17724992
rs1528435
rs11030104
rs12885454
rs2176598
rs12429545
rs2075650
rs17001654
rs7243357
rs1016287
rs11583200
rs12286929
rs6477694
rs16951275
rs1928295
rs543874
rs9400239
rs29941
rs7599312
rs13021737
rs758747
rs10938397
rs17094222
rs1558902
rs12401738
rs2207139
rs10182181
rs3817334
rs1516725
rs3888190
rs11126666
rs7138803
rs2365389
rs2245368
rs1000940
rs10733682
rs2650492
rs12446632
rs13191362
rs7141420
rs6804842
rs17024393
rs4256980
rs13078960
rs3101336
rs12566985
rs11191560
rs11727676
rs17405819
rs11847697
rs7903146
rs2287019
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_TG_int_imputed.txt_adiposity_instruments.t

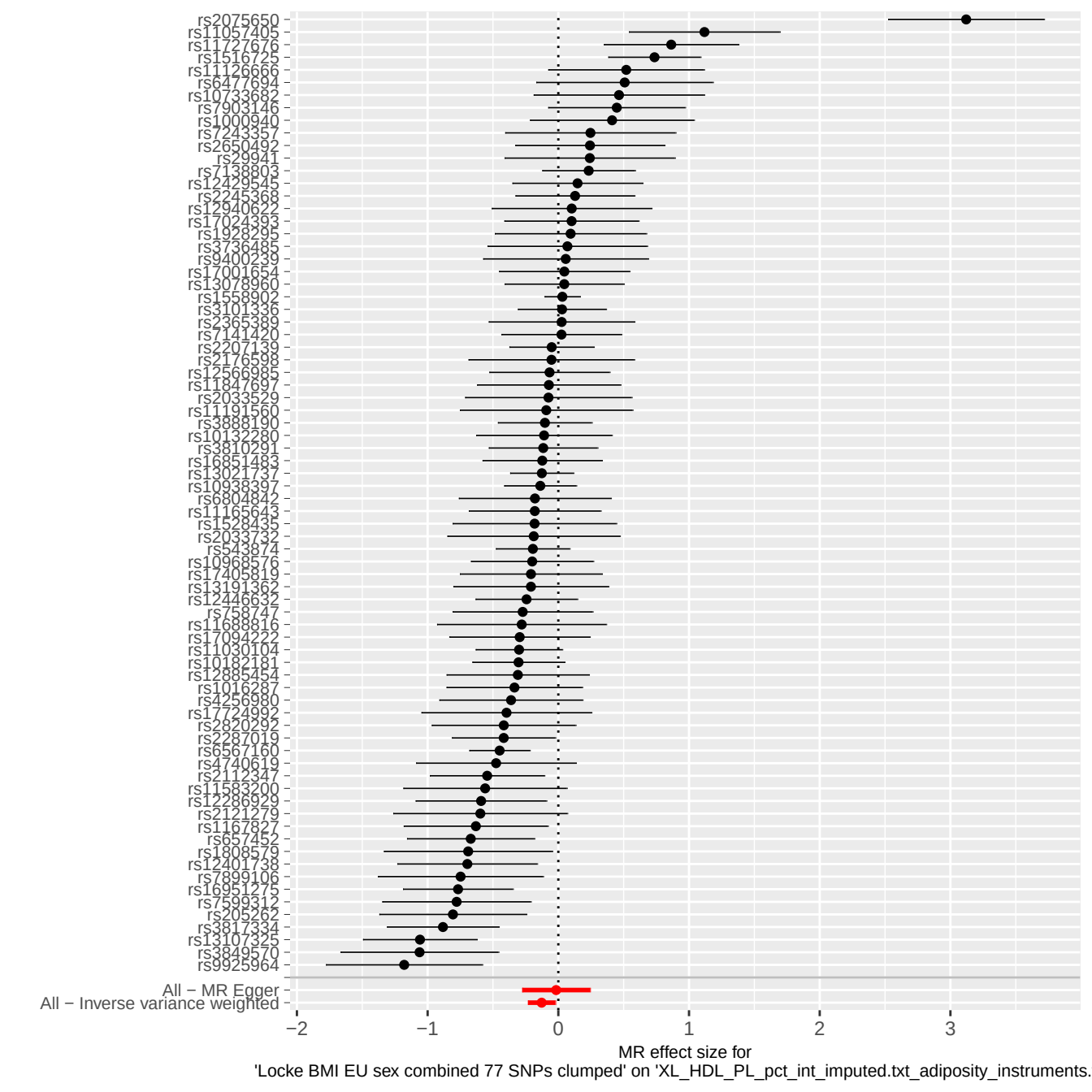

rs2075650
rs7599312
rs9925964
rs3736485
rs1167827
rs1528435
rs1808579
rs4740619
rs10733682
rs11165643
rs11583200
rs657452
rs12286929
rs7899106
rs2112347
rs2176598
rs10938397
rs13191362
rs7243357
rs2207139
rs13021737
rs10968576
rs4256980
rs2287019
rs2365389
rs1016287
rs2033732
rs11030104
rs10182181
rs12940622
rs12885454
rs11688816
rs1558902
rs6804842
rs543874
rs17724992
rs1516725
rs758747
rs2121279
rs12401738
rs11126666
rs17094222
rs2820292
rs9400239
rs6567160
rs205262
rs3810291
rs16951275
rs11847697
rs13078960
rs11727676
rs11057405
rs3888190
rs12566985
rs3849570
rs10132280
rs12446632
rs3101336
rs7141420
rs13107325
rs2245368
rs1928295
rs12429545
rs29941
rs1000940
rs2033529
rs17001654
rs7903146
rs16851483
rs17405819
rs6477694
rs11191560
rs7138803
rs3817334
rs17024393
rs2650492
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_PL_int_imputed.txt_adiposity_instruments.txt'

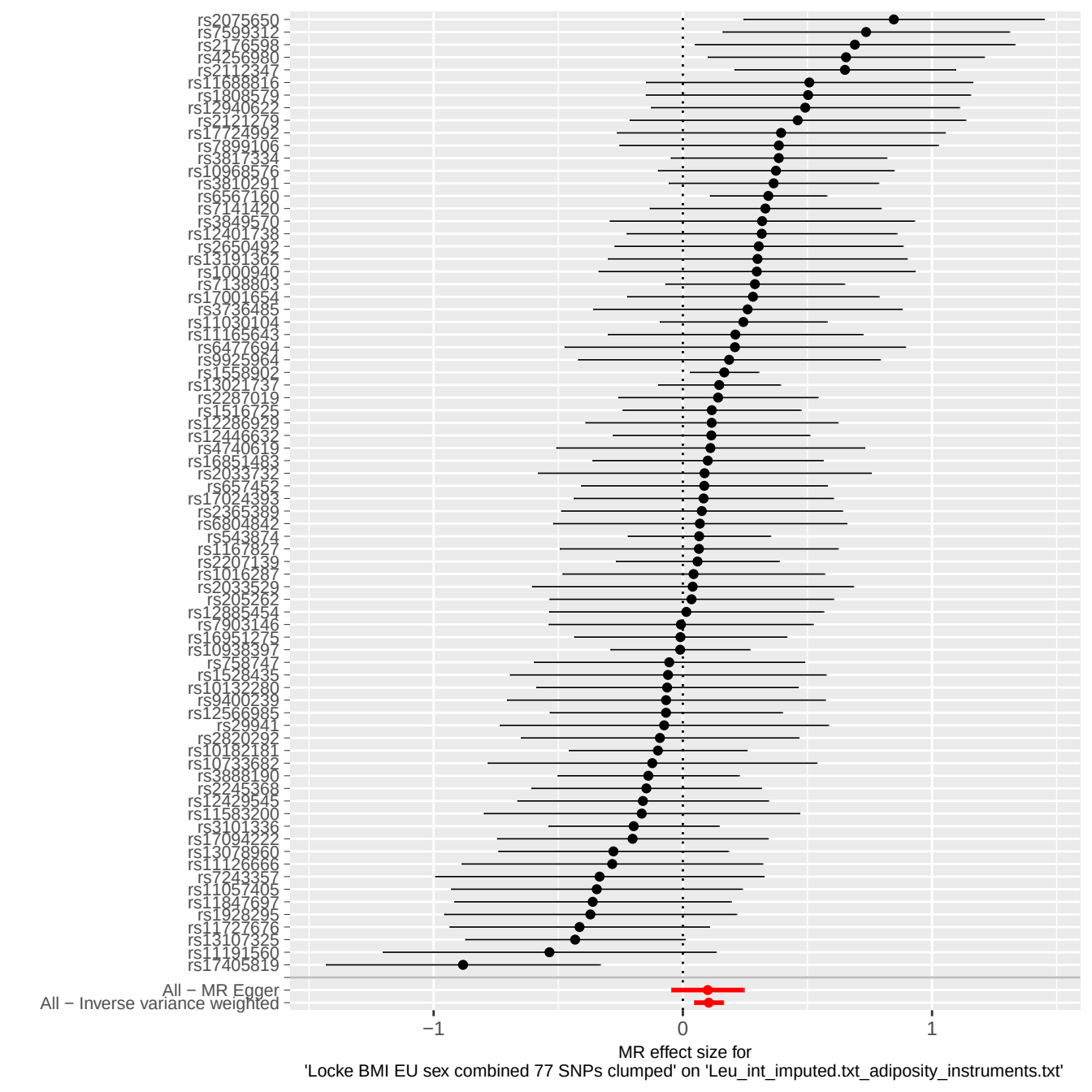

rs2287019
rs11191560
rs17405819
rs12401738
rs7903146
rs11057405
rs16951275
rs3101336
rs1516725
rs12446632
rs11847697
rs13078960
rs7141420
rs17094222
rs6804842
rs4256980
rs2207139
rs1928295
rs2245368
rs10938397
rs7599312
rs29941
rs2650492
rs3888190
rs2820292
rs1000940
rs1558902
rs17001654
rs10968576
rs11126666
rs12885454
rs10132280
rs543874
rs758747
rs17024393
rs12566985
rs2365389
rs7138803
rs657452
rs1528435
rs11727676
rs11688816
rs17724992
rs11030104
rs13191362
rs10182181
rs16851483
rs6567160
rs3817334
rs9925964
rs2121279
rs1016287
rs1808579
rs13021737
rs11583200
rs10733682
rs11165643
rs9400239
rs3810291
rs12286929
rs7899106
rs3849570
rs12940622
rs6477694
rs205262
rs13107325
rs2033732
rs2033529
rs12429545
rs4740619
rs1167827
rs3736485
rs2176598
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_C_pct_int_imputed.txt_adiposity_instruments.tx

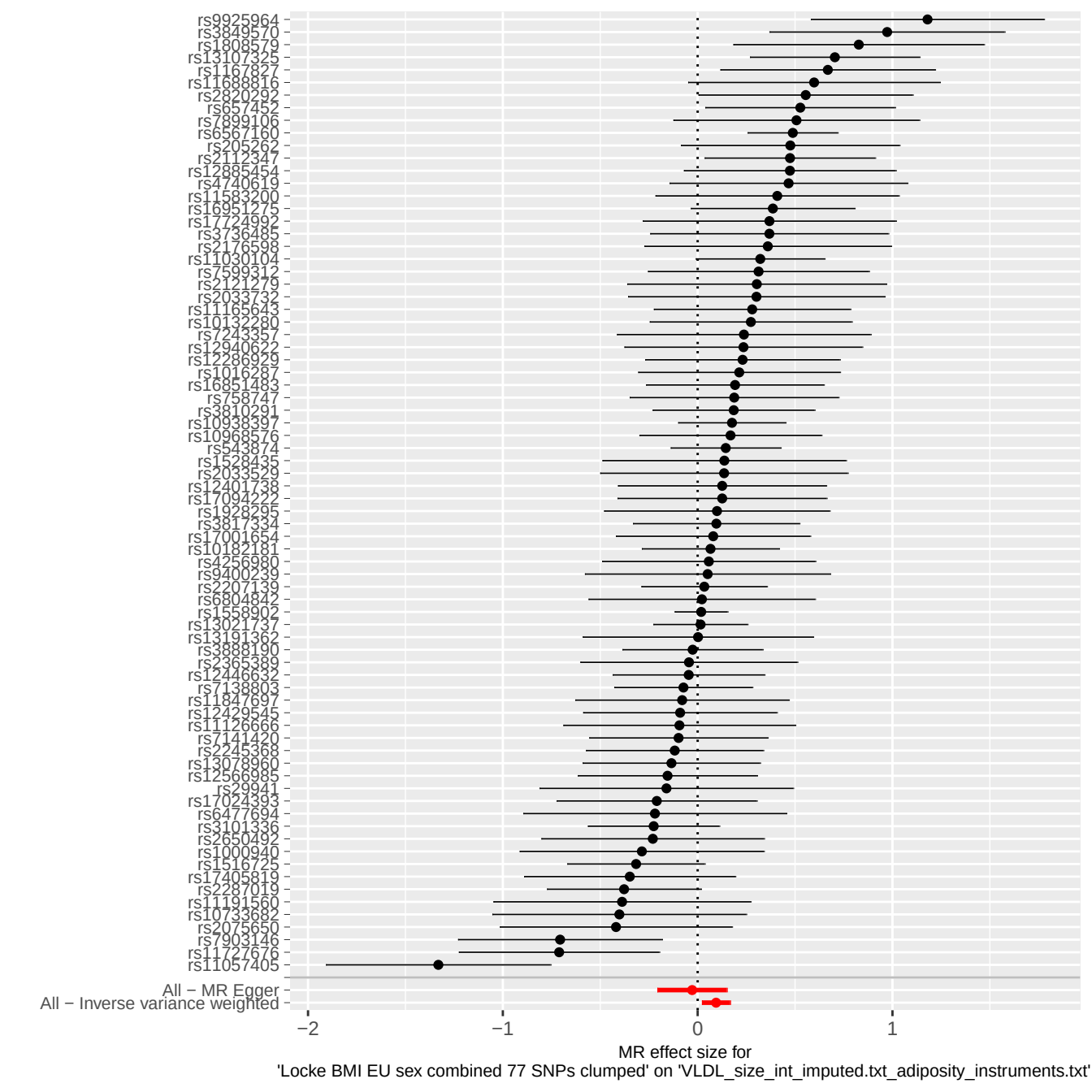

rs11688816
rs3736485
rs2287019
rs11191560
rs2121279
rs17724992
rs12401738
rs11165643
rs7903146
rs9400239
rs657452
rs12885454
rs4740619
rs10938397
rs16951275
rs3810291
rs11030104
rs12286929
rs6804842
rs9925964
rs7569312
rs1808579
rs11583200
rs2245368
rs13191362
rs7141420
rs4256980
rs12429545
rs758747
rs11847697
rs2033732
rs6567160
rs1928295
rs13021737
rs1016287
rs1528435
rs17094222
rs10132280
rs2207139
rs12446632
rs1516725
rs2820292
rs1558902
rs7899106
rs17405819
rs7138803
rs17001654
rs2365389
rs2650492
rs3101336
rs3888190
rs10733682
rs12940622
rs16851483
rs11057405
rs13078960
rs2033529
rs11727676
rs543874
rs13107325
rs3849570
rs10182181
rs11126666
rs12566985
rs2176598
rs3817334
rs7243357
rs205262
rs10968576
rs1167827
rs1000940
rs29941
rs6477694
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LDL_C_int_imputed.txt_adiposity_instruments.txt'

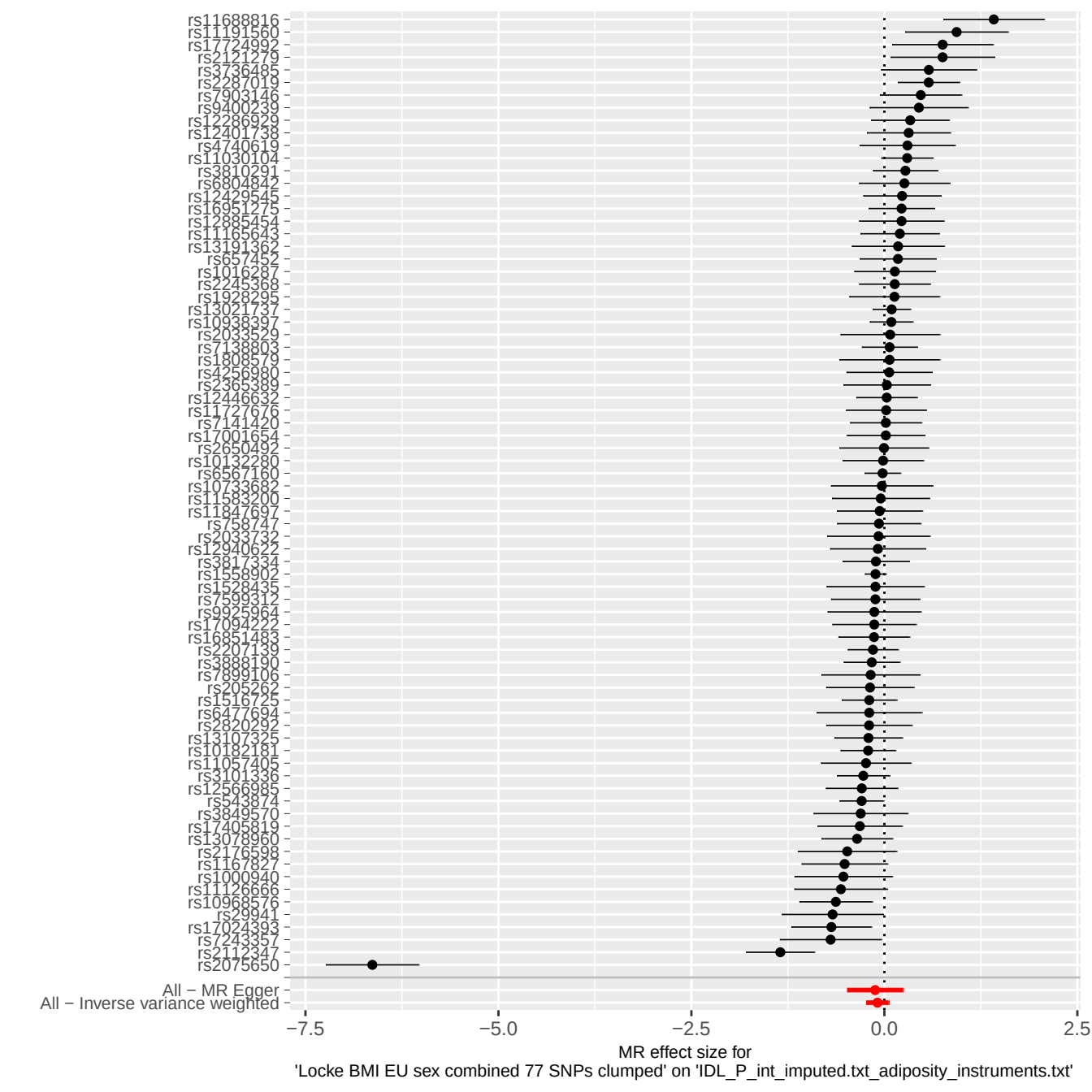

rs17724992
rs17405819
rs11057405
rs2121279
rs2287019
rs12401738
rs11847697
rs1167827
rs657452
rs7599312
rs2245368
rs13078960
rs11191560
rs4256980
rs1528435
rs17094222
rs1928295
rs10733682
rs13107325
rs17001654
rs7903146
rs1516725
rs2365389
rs2207139
rs4740619
rs1558902
rs543874
rs17024393
rs758747
rs2650492
rs3888190
rs12940622
rs11030104
rs3817334
rs6804842
rs1016287
rs12286929
rs7243357
rs12429545
rs3101336
rs13021737
rs10938397
rs11688816
rs3849570
rs11126666
rs10132280
rs3810291
rs205262
rs10968576
rs7899106
rs2033529
rs11583200
rs13191362
rs1000940
rs16951275
rs6567160
rs11165643
rs2033732
rs1808579
rs29941
rs7141420
rs7138803
rs12446632
rs9400239
rs3736485
rs2176598
rs2820292
rs12885454
rs11727676
rs10182181
rs2112347
rs12566985
rs9925964
rs16851483
rs6477694
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'bOHbutyrate_int_imputed.txt_adiposity_instruments.txt

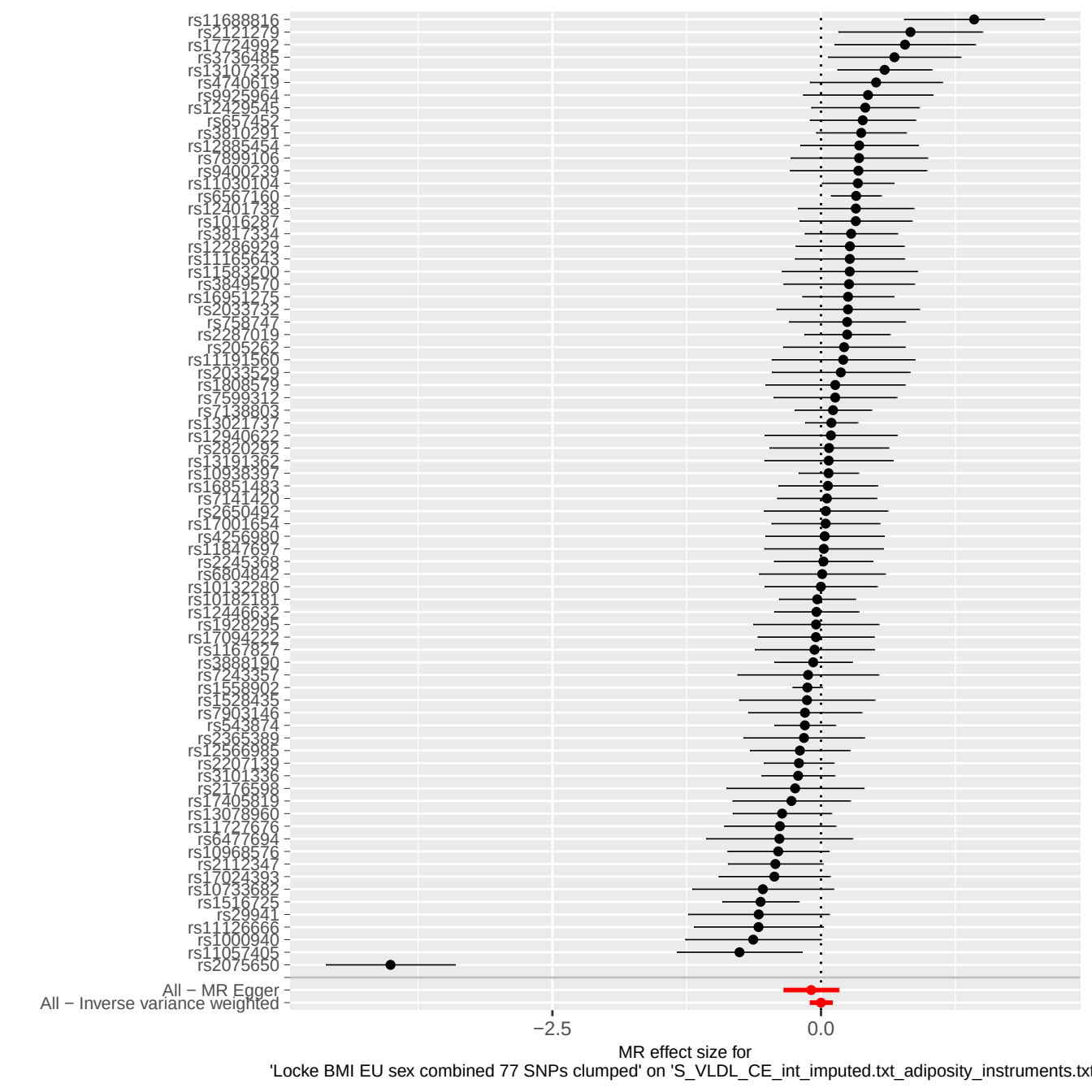

rs11688816
rs3736485
rs11191560
rs17724992
rs2287019
rs2121279
rs7903146
rs9400239
rs11165643
rs4740619
rs12429545
rs3810291
rs12401738
rs11030104
rs2245368
rs11057405
rs12885454
rs1928295
rs10938397
rs13191362
rs6804842
rs7141420
rs11727676
rs12286929
rs657452
rs7138803
rs13021737
rs1016287
rs758747
rs2033732
rs1516725
rs16951275
rs10733682
rs11847697
rs2650492
rs10132280
rs4256980
rs2365389
rs12940622
rs1528435
rs17001654
rs2033529
rs6567160
rs2207139
rs11583200
rs1558902
rs1808579
rs12446632
rs7599312
rs17094222
rs16851483
rs3888190
rs3101336
rs2820292
rs9925964
rs7899106
rs17405819
rs13078960
rs6477694
rs11126666
rs543874
rs7243357
rs12566985
rs10182181
rs2176598
rs1000940
rs205262
rs13107325
rs3817334
rs29941
rs10968576
rs1167827
rs3849570
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_PL_int_imputed.txt_adiposity_instruments.txt'

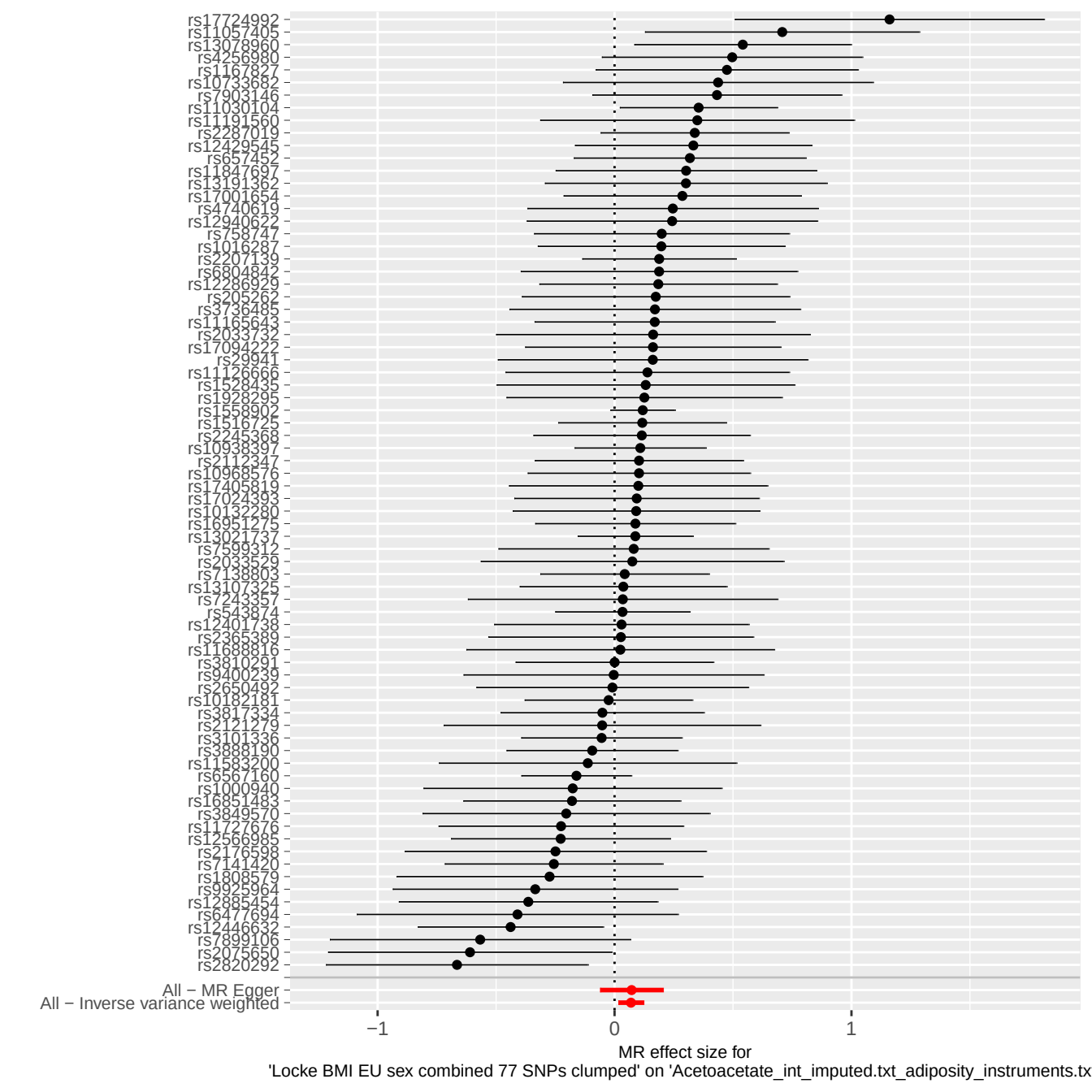

rs2075650
rs11057405
rs11227676
rs1516725
rs11126666
rs6477694
rs10733682
rs7903146
rs1000940
rs7243357
rs2650492
rs29941
rs7138803
rs12429545
rs2245368
rs12940622
rs17024393
rs1928295
rs3736485
rs9400239
rs17001654
rs13078960
rs1558902
rs3101336
rs2365389
rs7141420
rs2207139
rs2176598
rs12566985
rs11847697
rs2033529
rs11191560
rs3888190
rs10132280
rs3810291
rs16851483
rs13021737
rs10938397
rs6804842
rs11165643
rs1528435
rs2033732
rs543874
rs10968576
rs17405819
rs13191362
rs12446632
rs758747
rs11688816
rs17094222
rs11030104
rs10182181
rs12885454
rs1016287
rs4256980
rs17724992
rs2820292
rs2287019
rs6567160
rs4740619
rs2112347
rs11583200
rs12286929
rs2121279
rs1167827
rs657452
rs1808579
rs12401738
rs7899106
rs16951275
rs7599312
rs205262
rs3817334
rs13107325
rs3849570
rs9925964
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
3
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_PL_pct_int_imputed.txt_adiposity_instruments.

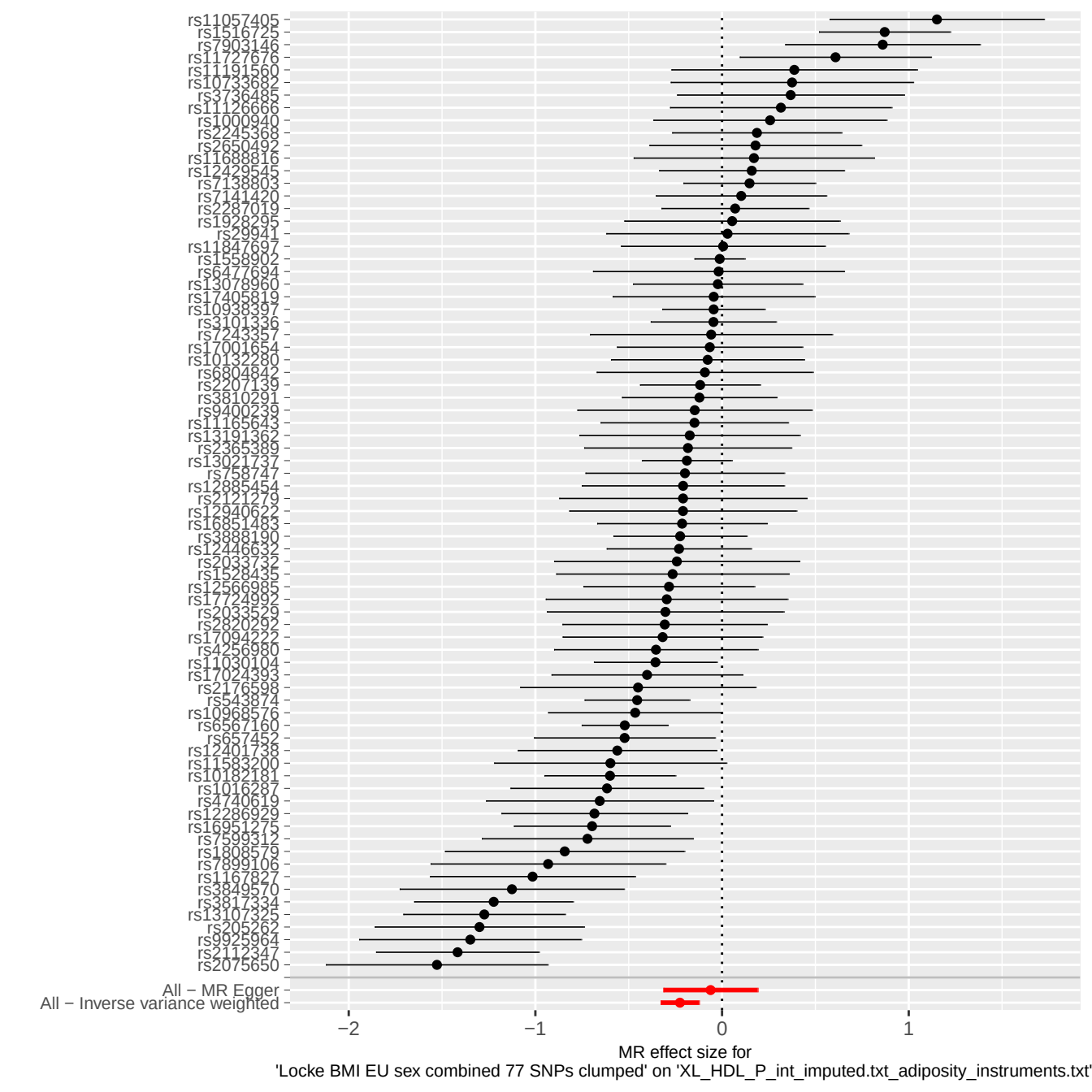

rs2075650
rs7599312
rs2176598
rs4256980
rs2112347
rs11688816
rs1808579
rs12940622
rs2121279
rs17724992
rs7899106
rs3817334
rs10968576
rs3810291
rs6567160
rs7141420
rs3849570
rs12401738
rs2650492
rs13191362
rs1000940
rs7138803
rs17001654
rs3736485
rs11030104
rs11165643
rs6477694
rs9925964
rs1558902
rs13021737
rs2287019
rs1516725
rs12286929
rs12446632
rs4740619
rs16851483
rs2033732
rs657452
rs17024393
rs2365389
rs6804842
rs543874
rs1167827
rs2207139
rs1016287
rs2033529
rs205262
rs12885454
rs7903146
rs16951275
rs10938397
rs758747
rs1528435
rs10132280
rs9400239
rs12566985
rs29941
rs2820292
rs10182181
rs10733682
rs3888190
rs2245368
rs12429545
rs11583200
rs3101336
rs17094222
rs13078960
rs11126666
rs7243357
rs11057405
rs11847697
rs1928295
rs11727676
rs13107325
rs11191560
rs17405819
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Leu_int_imputed.txt_adiposity_instruments.txt'

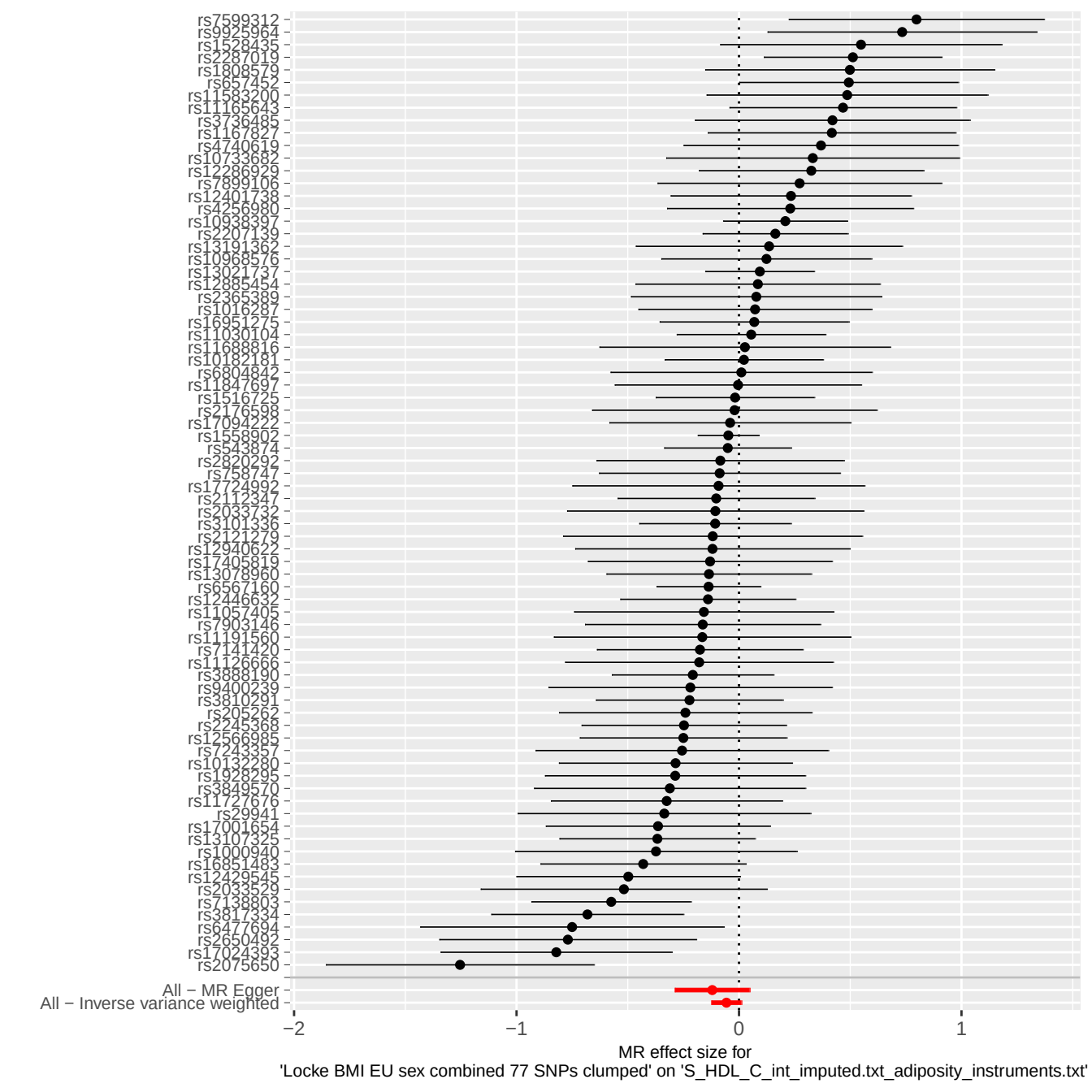

rs9925964
rs3849570
rs1808579
rs13107325
rs1167827
rs11688816
rs2820292
rs657452
rs7899106
rs6567160
rs205262
rs2112347
rs12885454
rs4740619
rs11583200
rs16951275
rs17724992
rs3736485
rs2176598
rs11030104
rs7599312
rs2121279
rs2033732
rs11165643
rs10132280
rs7243357
rs12940622
rs12286929
rs1016287
rs16851483
rs758747
rs3810291
rs10938397
rs10968576
rs543874
rs1528435
rs2033529
rs12401738
rs17094222
rs1928295
rs3817334
rs17001654
rs10182181
rs4256980
rs9400239
rs2207139
rs6804842
rs1558902
rs13021737
rs13191362
rs3888190
rs2365389
rs12446632
rs7138803
rs11847697
rs12429545
rs11126666
rs7141420
rs2245368
rs13078960
rs12566985
rs29941
rs17024393
rs6477694
rs3101336
rs2650492
rs1000940
rs1516725
rs17405819
rs2287019
rs11191560
rs10733682
rs2075650
rs7903146
rs11727676
rs11057405
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'VLDL_size_int_imputed.txt_adiposity_instruments.txt'

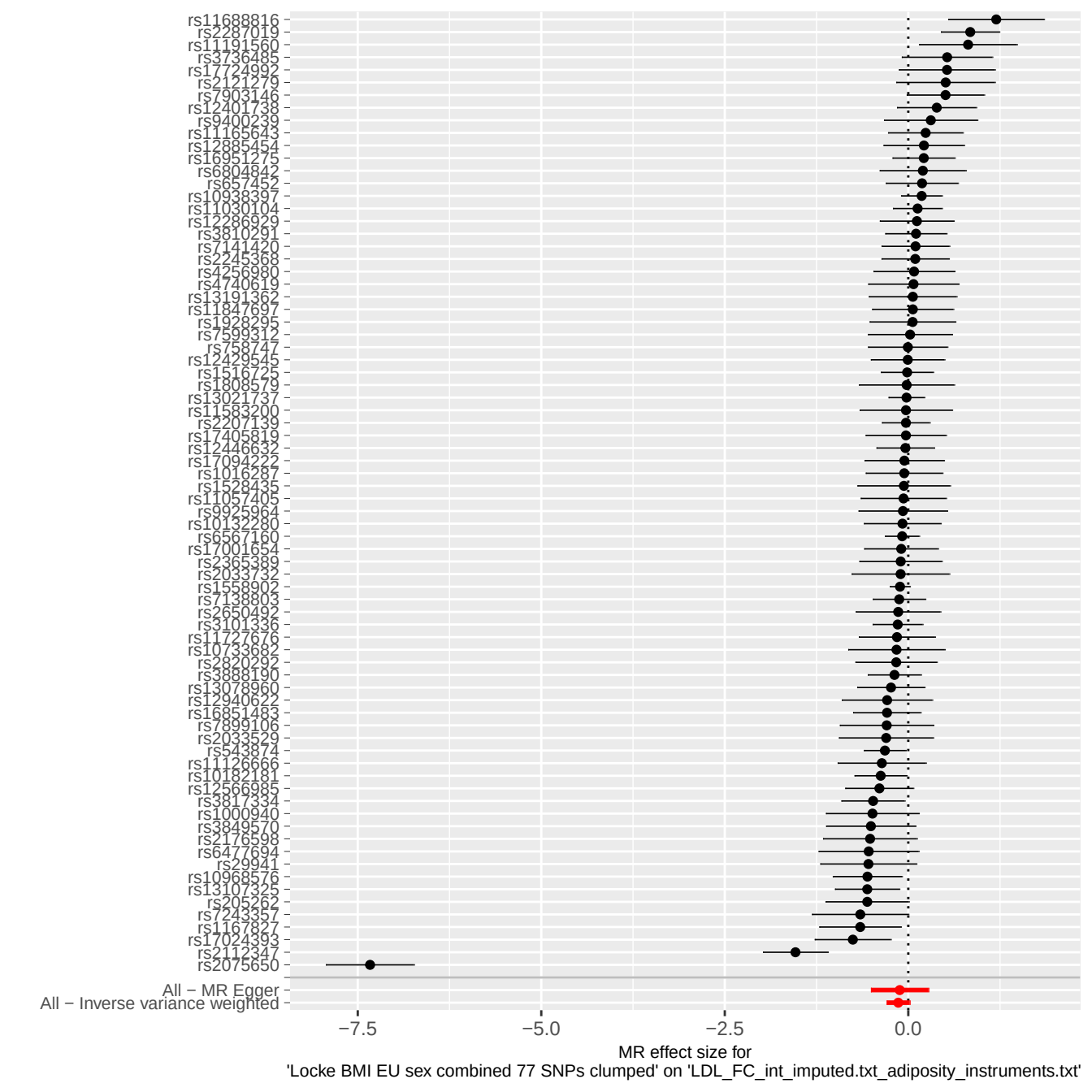

rs11688816
rs11191560
rs17724992
rs2121279
rs3736485
rs2287019
rs7903146
rs9400239
rs12286929
rs12401738
rs4740619
rs11030104
rs3810291
rs6804842
rs12429545
rs16951275
rs12885454
rs11165643
rs13191362
rs657452
rs1016287
rs2245368
rs1928295
rs13021737
rs10938397
rs2033529
rs7138803
rs1808579
rs4256980
rs2365389
rs12446632
rs11727676
rs7141420
rs17001654
rs2650492
rs10132280
rs6567160
rs10733682
rs11583200
rs11847697
rs758747
rs2033732
rs12940622
rs3817334
rs1558902
rs1528435
rs7599312
rs9925964
rs17094222
rs16851483
rs2207139
rs3888190
rs7899106
rs205262
rs1516725
rs6477694
rs2820292
rs13107325
rs10182181
rs11057405
rs3101336
rs12566985
rs543874
rs3849570
rs17405819
rs13078960
rs2176598
rs1167827
rs1000940
rs11126666
rs10968576
rs29941
rs17024393
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
2.5
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_P_int_imputed.txt_adiposity_instruments.txt'

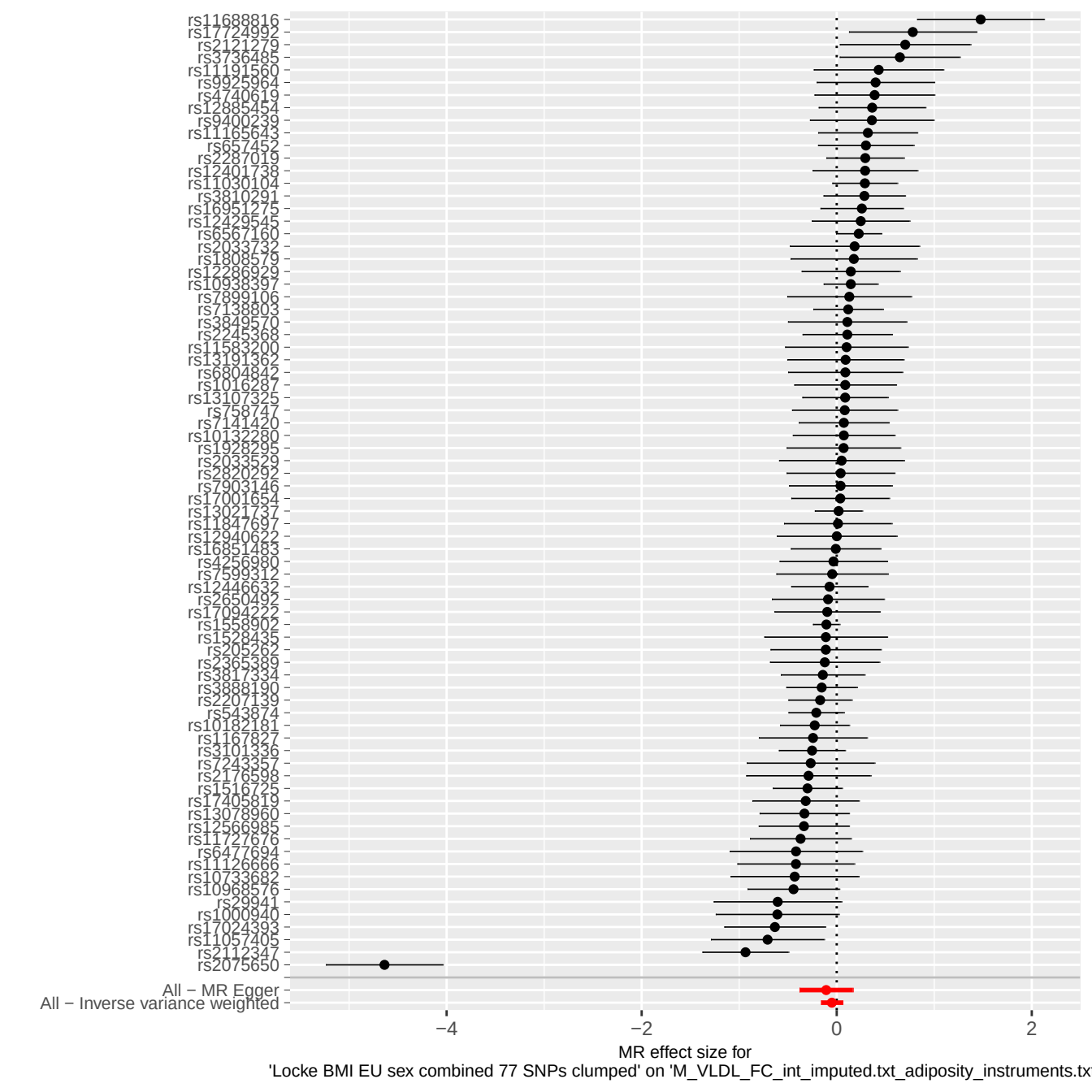

rs11688816
rs2121279
rs17224692
rs3736485
rs13107325
rs4740619
rs9925964
rs12429545
rs657452
rs3810291
rs12885454
rs7899106
rs9400239
rs11030104
rs6567160
rs12401738
rs1016287
rs3817334
rs12286929
rs11165643
rs11583200
rs3849570
rs16951275
rs2033732
rs758747
rs2287019
rs205262
rs11191560
rs2033529
rs1808579
rs7599312
rs7138803
rs13021737
rs12940622
rs2820292
rs13191362
rs10938397
rs16851483
rs7141420
rs2650492
rs17001654
rs4256980
rs11847697
rs2245368
rs6804842
rs10132280
rs10182181
rs12446632
rs1928295
rs17094222
rs1167827
rs3888190
rs7243357
rs1558902
rs1528435
rs7903146
rs543874
rs2365389
rs12566985
rs2207139
rs3101336
rs2176598
rs17405819
rs13078960
rs11727676
rs6477694
rs10968576
rs2112347
rs17024393
rs10733682
rs1516725
rs29941
rs11126666
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_VLDL_CE_int_imputed.txt_adiposity_instruments.txt

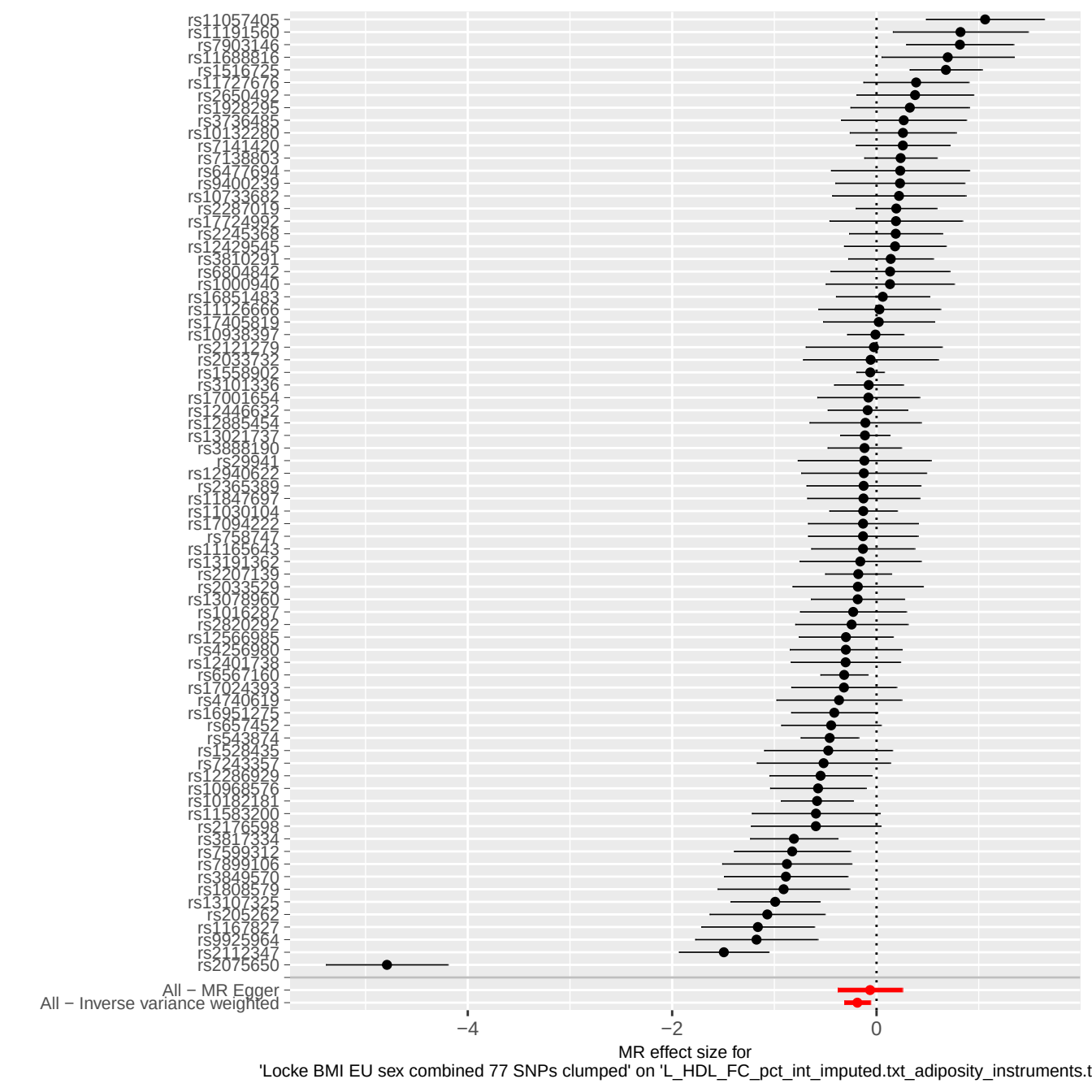

rs17724992
rs11057405
rs13078960
rs4256980
rs1167827
rs10733682
rs7903146
rs11030104
rs11191560
rs2287019
rs12429545
rs657452
rs11847697
rs13191362
rs17001654
rs4740619
rs12940622
rs758747
rs1016287
rs2207139
rs6804842
rs12286929
rs205262
rs3736485
rs11165643
rs2033732
rs17094222
rs29941
rs11126666
rs1528435
rs1928295
rs1558902
rs1516725
rs2245368
rs10938397
rs2112347
rs10968576
rs17405819
rs17024393
rs10132280
rs16951275
rs13021737
rs7599312
rs2033529
rs7138803
rs13107325
rs7243357
rs543874
rs12401738
rs2365389
rs11688816
rs3810291
rs9400239
rs2650492
rs10182181
rs3817334
rs2121279
rs3101336
rs3888190
rs11583200
rs6567160
rs1000940
rs16851483
rs3849570
rs11727676
rs12566985
rs2176598
rs7141420
rs1808579
rs9925964
rs12885454
rs6477694
rs12446632
rs7899106
rs2075650
rs2820292
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Acetoacetate_int_imputed.txt_adiposity_instruments.tx

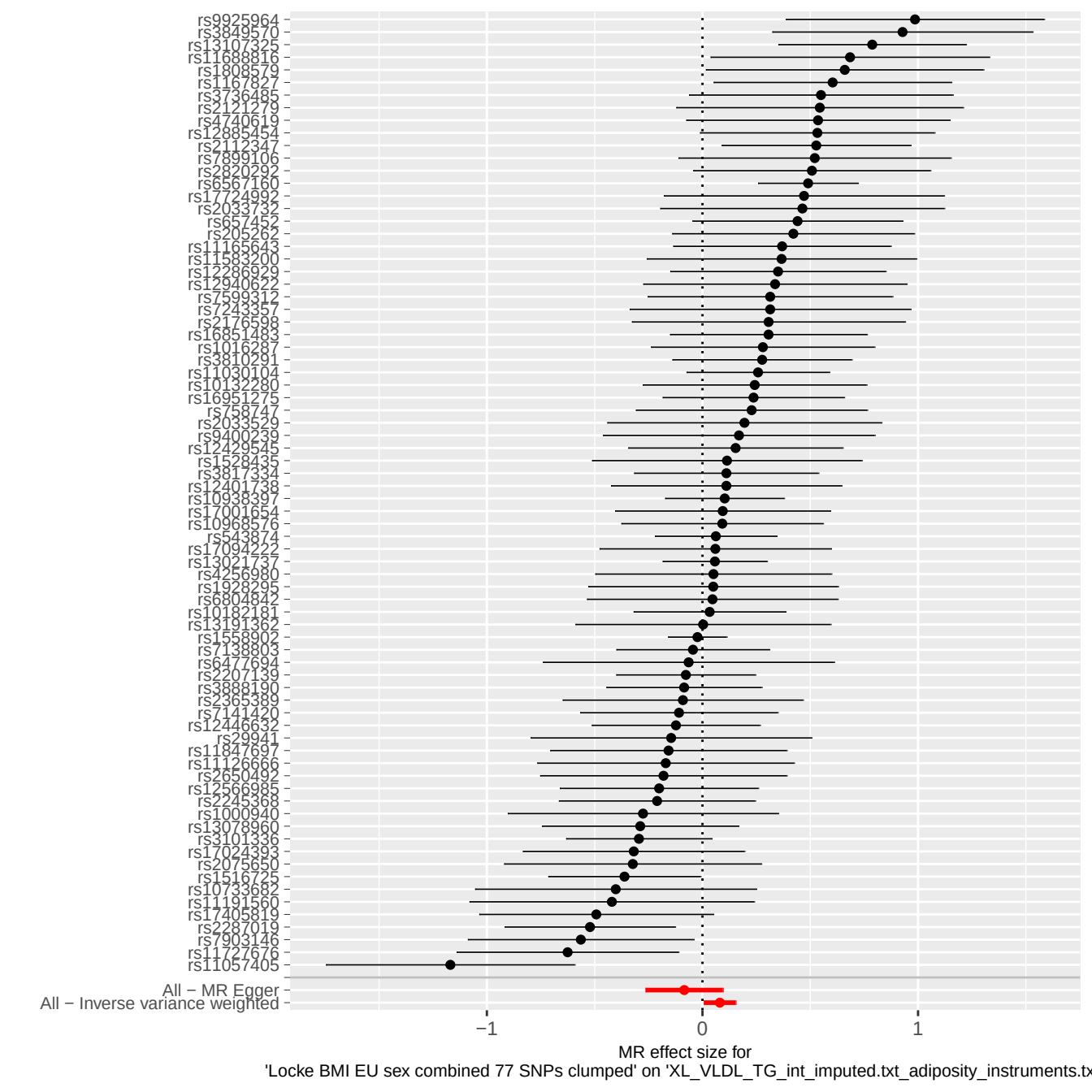

rs11057405
rs1516725
rs7903146
rs11727676
rs11191560
rs10733682
rs3736485
rs11126666
rs1000940
rs2245368
rs2650492
rs11688816
rs12429545
rs7138803
rs7141420
rs2287019
rs1928295
rs29941
rs11847697
rs1558902
rs6477694
rs13078960
rs17405819
rs10938397
rs3101336
rs7243357
rs17001654
rs10132280
rs6804842
rs2207139
rs3810291
rs9400239
rs11165643
rs13191362
rs2365389
rs13021737
rs758747
rs12885454
rs2121279
rs12940622
rs16851483
rs3888190
rs12446632
rs2033732
rs1528435
rs12566985
rs17724992
rs2033529
rs2820292
rs17094222
rs4256980
rs11030104
rs17024393
rs2176598
rs543874
rs10968576
rs6567160
rs657452
rs12401738
rs11583200
rs10182181
rs1016287
rs4740619
rs12286929
rs16951275
rs7599312
rs1808579
rs7899106
rs1167827
rs3849570
rs3817334
rs13107325
rs205262
rs9925964
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_P_int_imputed.txt_adiposity_instruments.txt'

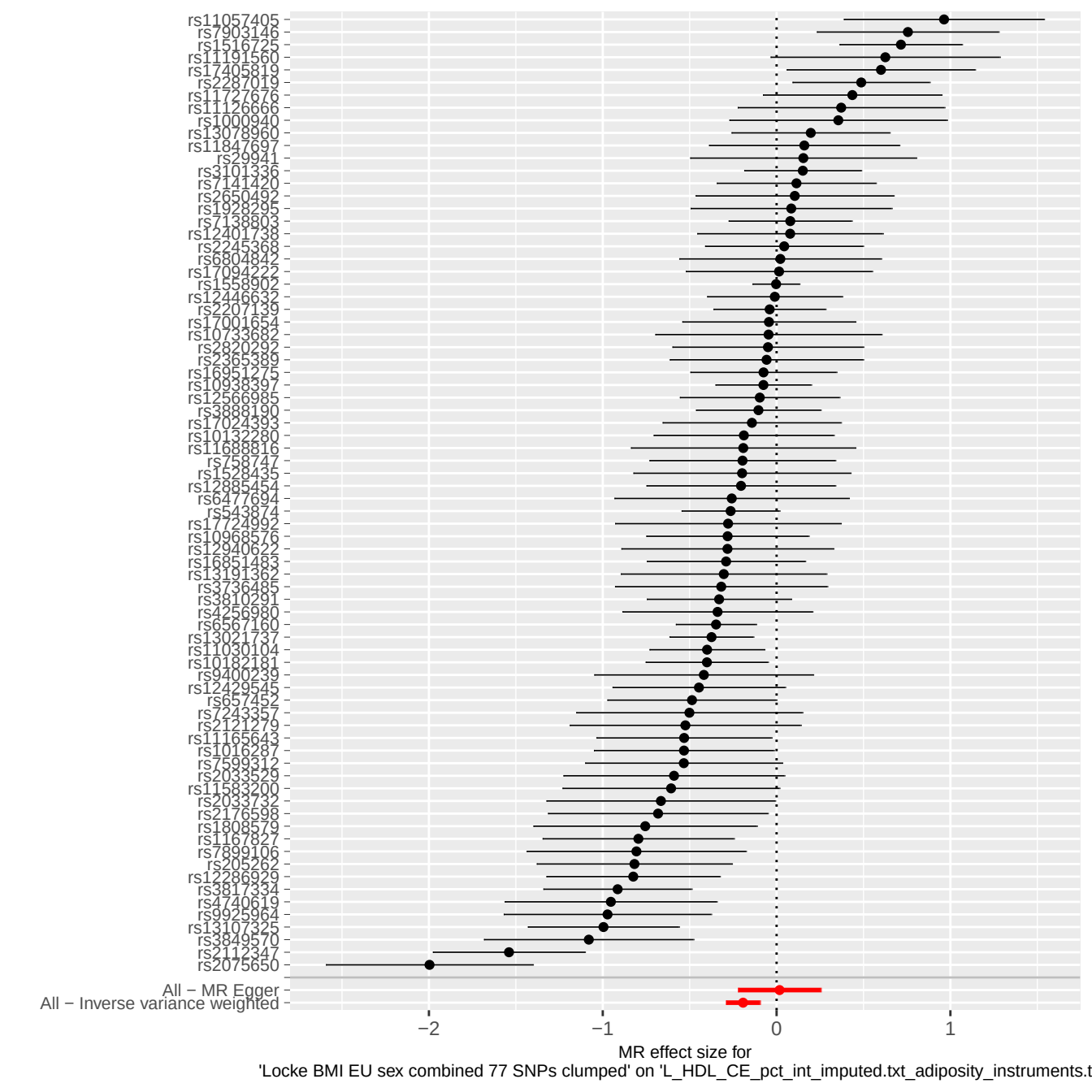

rs7599312
rs9925964
rs1528435
rs2287019
rs1808579
rs657452
rs11583200
rs11165643
rs3736485
rs1167827
rs4740619
rs10733682
rs12286929
rs7899106
rs12401738
rs4256980
rs10938397
rs2207139
rs13191362
rs10968576
rs13021737
rs12885454
rs2365389
rs1016287
rs16951275
rs11030104
rs11688816
rs10182181
rs6804842
rs11847697
rs1516725
rs2176598
rs17094222
rs1558902
rs543874
rs2820292
rs758747
rs17724992
rs2112347
rs2033732
rs3101336
rs2121279
rs12940622
rs17405819
rs13078960
rs6567160
rs12446632
rs11057405
rs7903146
rs11191560
rs7141420
rs11126666
rs3888190
rs9400239
rs3810291
rs205262
rs2245368
rs12566985
rs7243357
rs10132280
rs1928295
rs3849570
rs11727676
rs29941
rs17001654
rs13107325
rs1000940
rs16851483
rs12429545
rs2033529
rs7138803
rs3817334
rs6477694
rs2650492
rs17024393
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_C_int_imputed.txt_adiposity_instruments.txt'

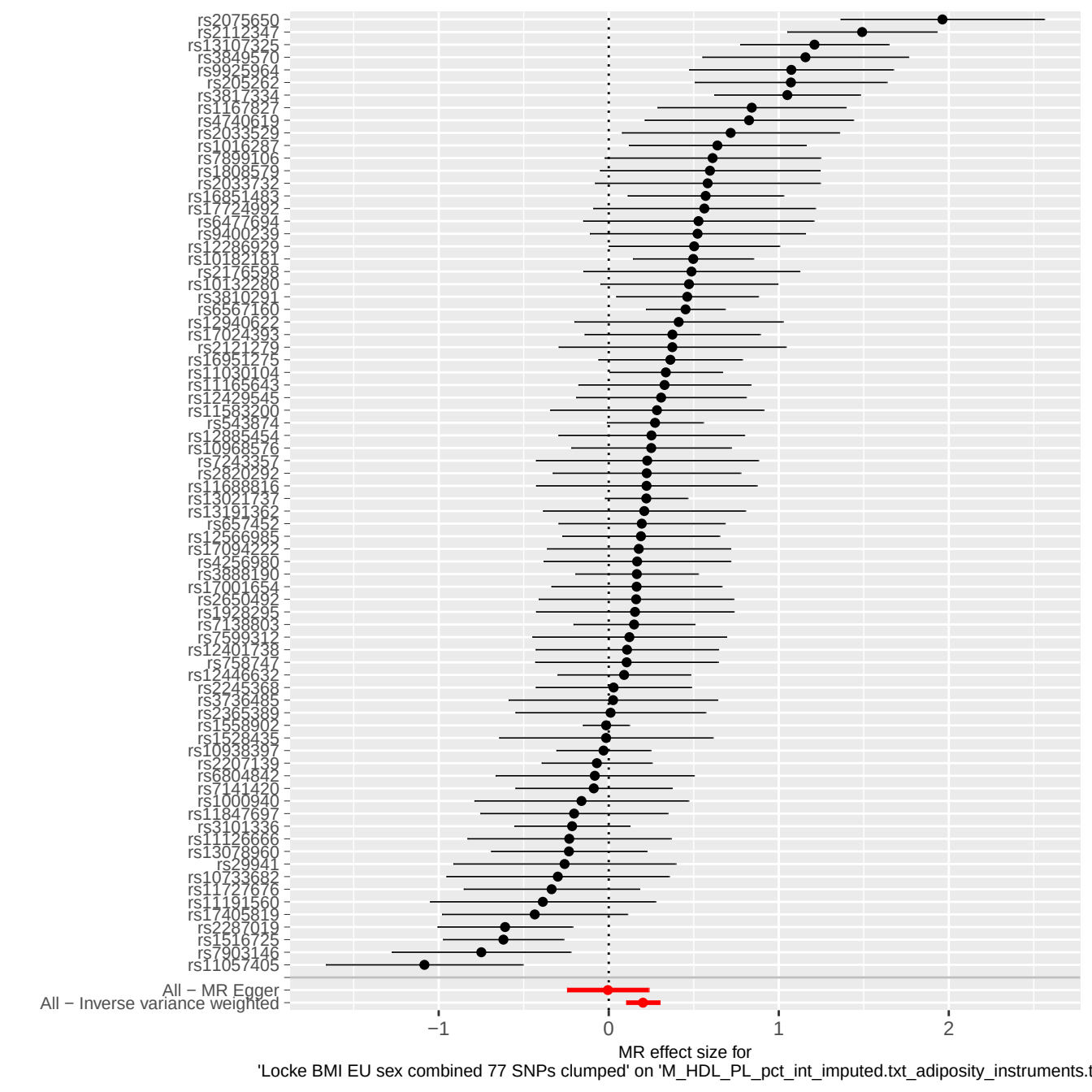

rs11688816
rs2287019
rs11191560
rs3736485
rs17724992
rs2121279
rs7903146
rs12401738
rs9400239
rs11165643
rs12885454
rs16951275
rs6804842
rs657452
rs10938397
rs11030104
rs12286929
rs3810291
rs7141420
rs2245368
rs4256980
rs4740619
rs13191362
rs11847697
rs1928295
rs7599312
rs758747
rs12429545
rs1516725
rs1808579
rs13021737
rs11583200
rs2207139
rs17405819
rs12446632
rs17094222
rs1016287
rs1528435
rs11057405
rs9925964
rs10132280
rs6567160
rs17001654
rs2365389
rs2033732
rs1558902
rs7138803
rs2650492
rs3101336
rs11727676
rs10733682
rs2820292
rs3888190
rs13078960
rs12940622
rs16851483
rs7899106
rs2033529
rs543874
rs11126666
rs10182181
rs12566985
rs3817334
rs1000940
rs3849570
rs2176598
rs6477694
rs29941
rs10968576
rs13107325
rs205262
rs7243357
rs1167827
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LDL_FC_int_imputed.txt_adiposity_instruments.txt'

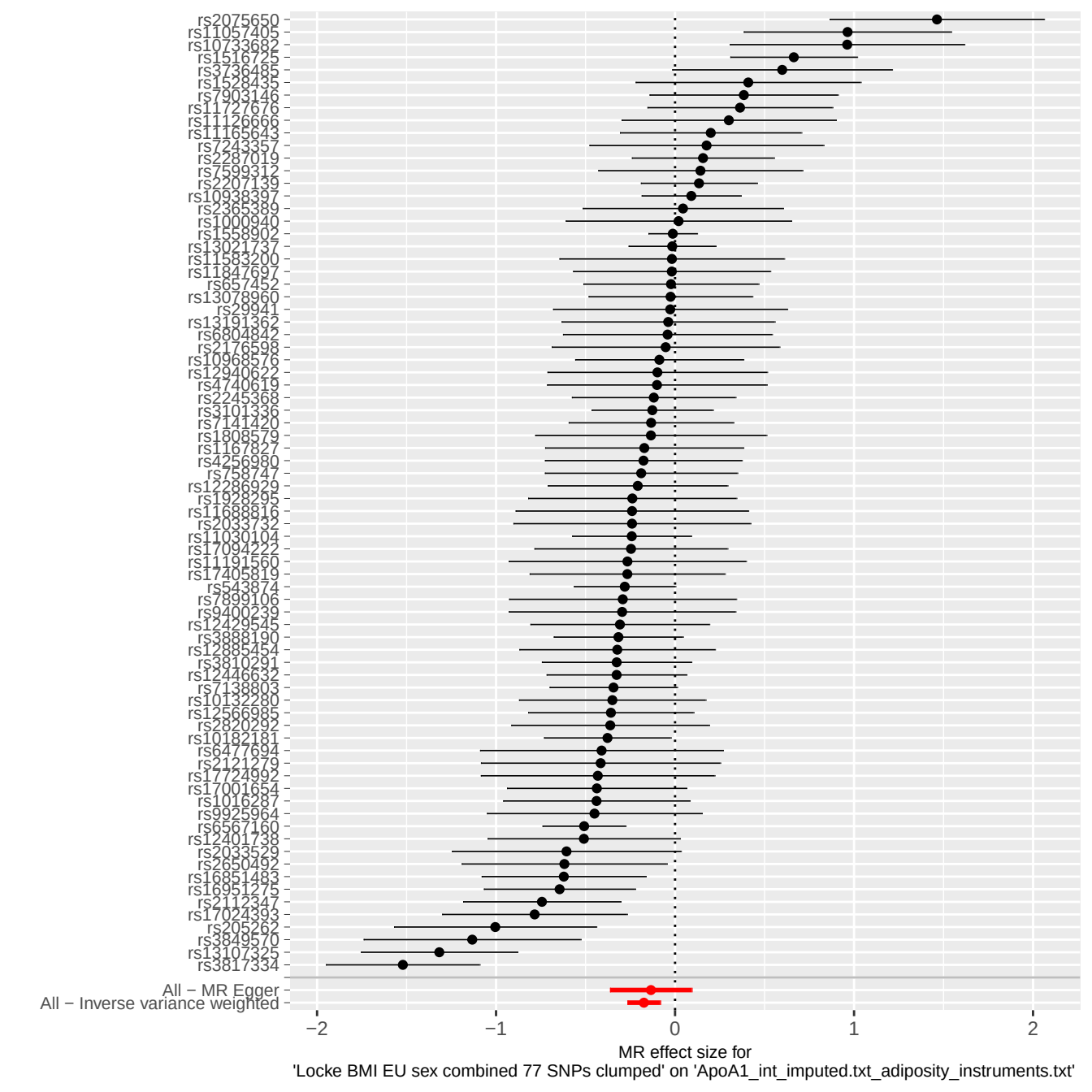

rs11688816
rs17724992
rs2121279
rs3736485
rs11191560
rs9925964
rs4740619
rs12885454
rs9400239
rs11165643
rs657452
rs2287019
rs12401738
rs11030104
rs3810291
rs16951275
rs12429545
rs6567160
rs2033732
rs1808579
rs12286929
rs10938397
rs7899106
rs7138803
rs3849570
rs2245368
rs11583200
rs13191362
rs6804842
rs1016287
rs13107325
rs758747
rs7141420
rs10132280
rs1928295
rs2033529
rs2820292
rs7903146
rs17001654
rs13021737
rs11847697
rs12940622
rs16851483
rs4256980
rs7599312
rs12446632
rs2650492
rs17094222
rs1558902
rs1528435
rs205262
rs2365389
rs3817334
rs3888190
rs2207139
rs543874
rs10182181
rs1167827
rs3101336
rs7243357
rs2176598
rs1516725
rs17405819
rs13078960
rs12566985
rs11727676
rs6477694
rs11126666
rs10733682
rs10968576
rs29941
rs1000940
rs17024393
rs11057405
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_FC_int_imputed.txt_adiposity_instruments.tx

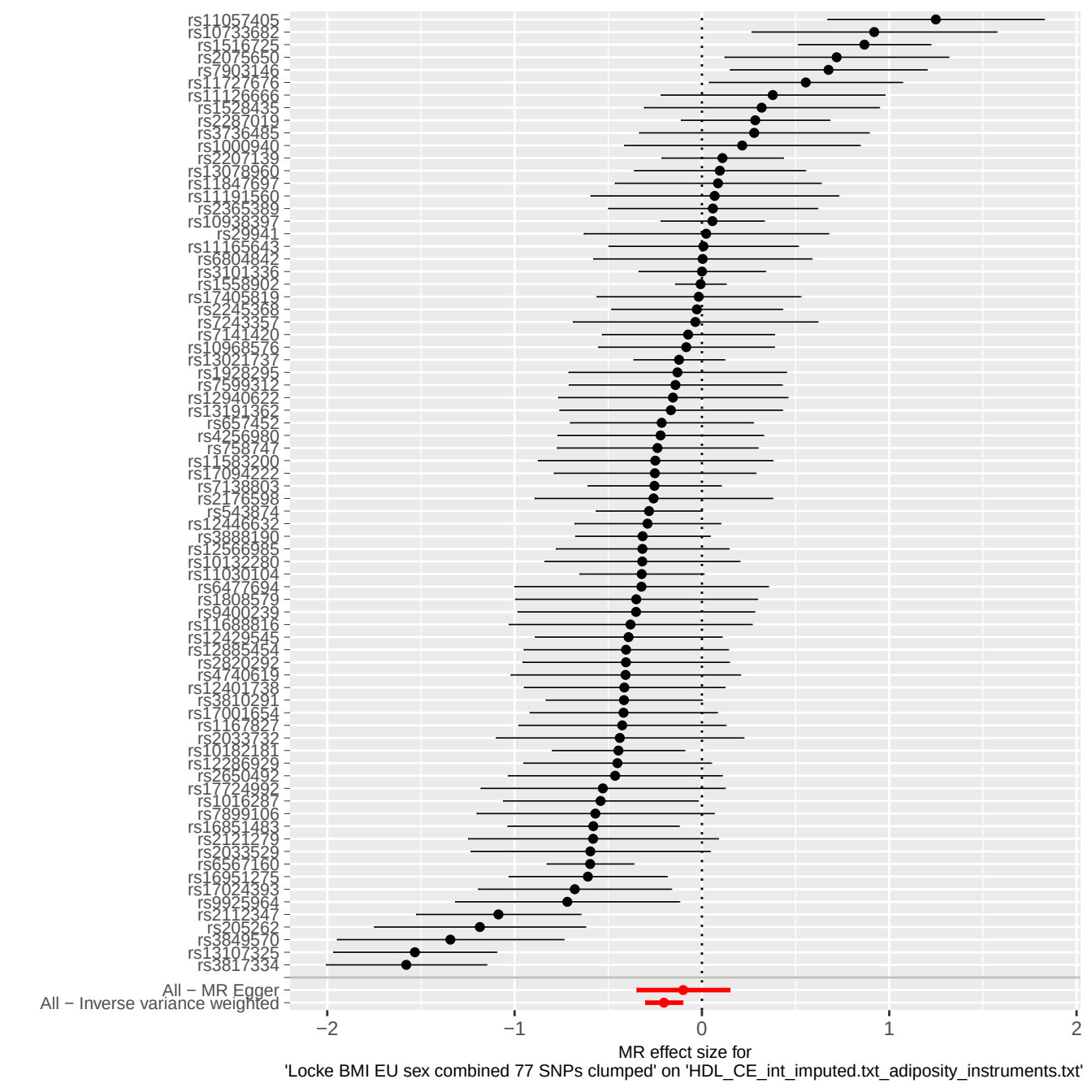

rs11057405
rs11191560
rs7903146
rs11688816
rs1516725
rs11727676
rs2650492
rs1928295
rs3736485
rs10132280
rs7141420
rs7138803
rs6477694
rs9400239
rs10733682
rs2287019
rs17724992
rs2245368
rs12429545
rs3810291
rs6804842
rs1000940
rs16851483
rs11126666
rs17405819
rs10938397
rs2121279
rs2033732
rs1558902
rs3101336
rs17001654
rs12446632
rs12885454
rs13021737
rs3888190
rs29941
rs12940622
rs2365389
rs11847697
rs11030104
rs17094222
rs758747
rs11165643
rs13191362
rs2207139
rs2033529
rs13078960
rs1016287
rs2820282
rs12566985
rs4256980
rs12401738
rs6567160
rs17024393
rs4740619
rs16951275
rs657452
rs543874
rs1528435
rs7243357
rs12286929
rs10968576
rs10182181
rs11583200
rs2176598
rs3817334
rs7599312
rs7899106
rs3849570
rs1808579
rs13107325
rs205262
rs1167827
rs9925964
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_FC_pct_int_imputed.txt_adiposity_instruments.t

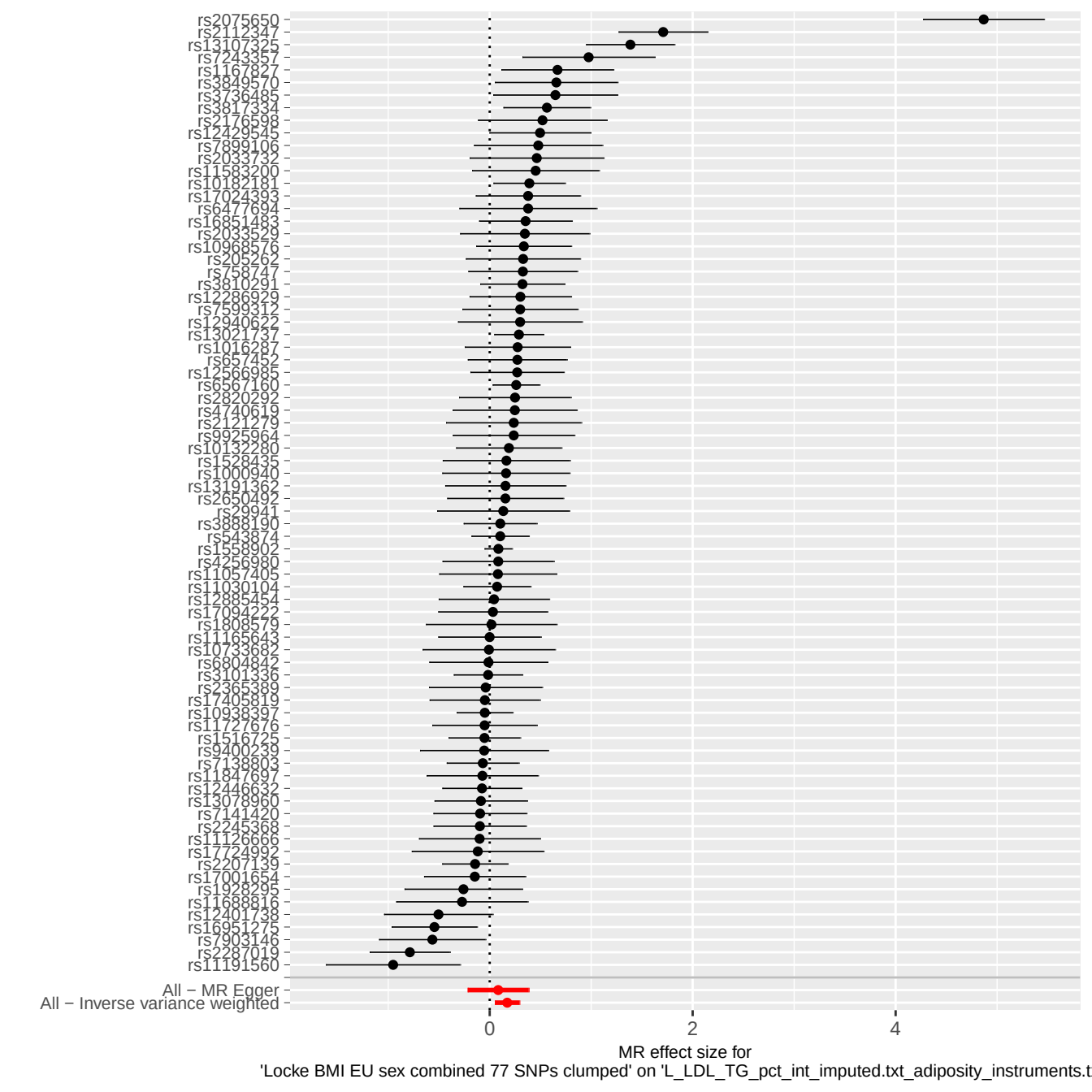

rs9925964
rs3849570
rs13107325
rs11688816
rs1808579
rs1167827
rs3736485
rs2121279
rs4740619
rs12885454
rs2112347
rs7899106
rs2820292
rs6567160
rs17724992
rs2033732
rs657452
rs205262
rs11165643
rs11583200
rs12286929
rs12940622
rs7599312
rs7243357
rs2176598
rs16851483
rs1016287
rs3810291
rs11030104
rs10132280
rs16951275
rs758747
rs2033529
rs9400239
rs12429545
rs1528435
rs3817334
rs12401738
rs10938397
rs17001654
rs10968576
rs543874
rs17094222
rs13021737
rs4256980
rs1928295
rs6804842
rs10182181
rs13191362
rs1558902
rs7138803
rs6477694
rs2207139
rs3888190
rs2365389
rs7141420
rs12446632
rs29941
rs11847697
rs11126666
rs2650492
rs12566985
rs2245368
rs1000940
rs13078960
rs3101336
rs17024393
rs2075650
rs1516725
rs10733682
rs11191560
rs17405819
rs2287019
rs7903146
rs11727676
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_TG_int_imputed.txt_adiposity_instruments.tx

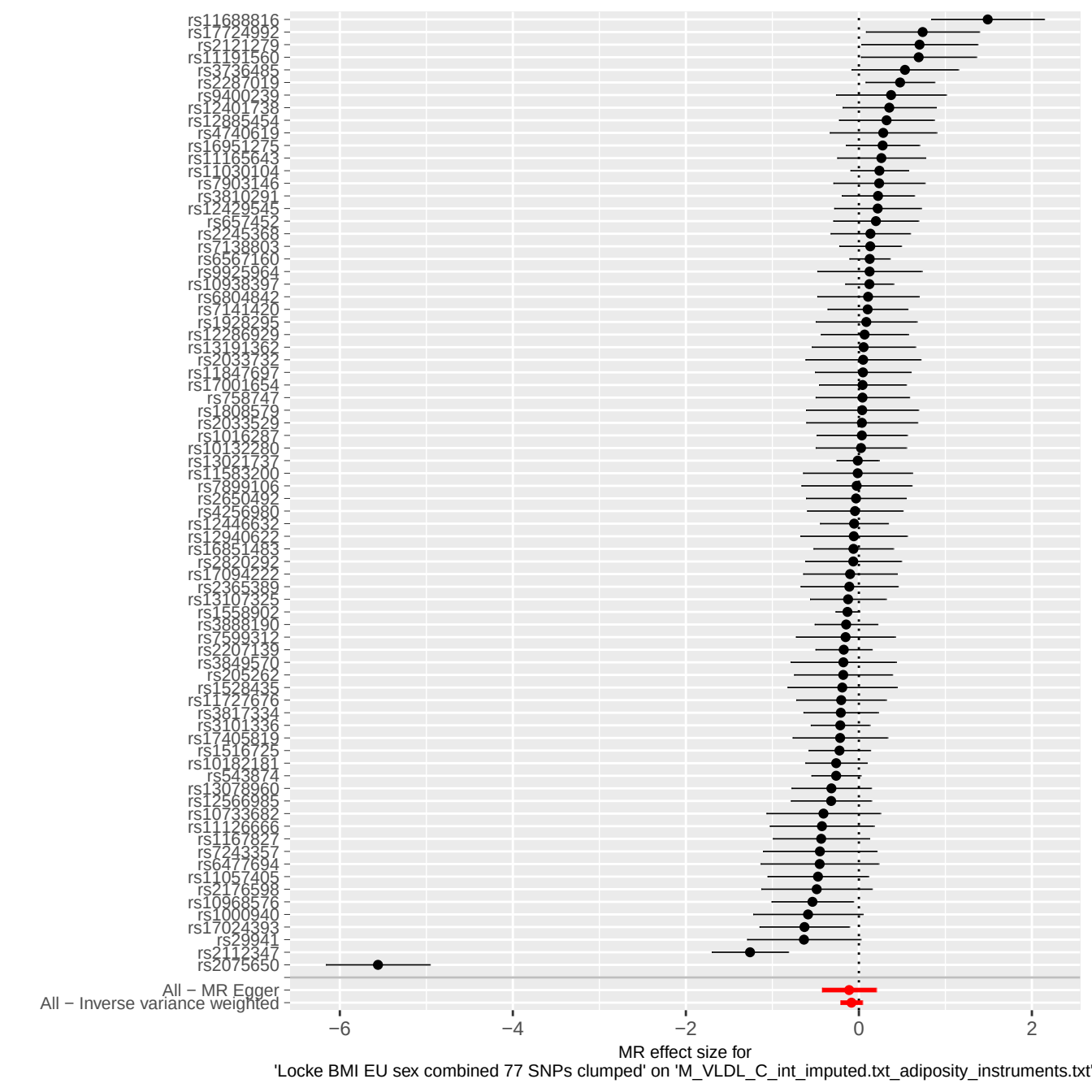

rs11057405
rs7903146
rs1516725
rs11191560
rs17405819
rs2287019
rs11727676
rs11126666
rs1000940
rs13078960
rs11847697
rs29941
rs3101336
rs7141420
rs2650492
rs1928295
rs7138803
rs12401738
rs2245368
rs6804842
rs17094222
rs1558902
rs12446632
rs2207139
rs17001654
rs10733682
rs2820292
rs2365389
rs16951275
rs10938397
rs12566985
rs3888190
rs17024393
rs10132280
rs11688816
rs758747
rs1528435
rs12885454
rs6477694
rs543874
rs17724992
rs10968576
rs12940622
rs16851483
rs13191362
rs3736485
rs3810291
rs4256980
rs6567160
rs13021737
rs11030104
rs10182181
rs9400239
rs12429545
rs657452
rs7243357
rs2121279
rs11165643
rs1016287
rs7599312
rs2033529
rs11583200
rs2033732
rs2176598
rs1808579
rs1167827
rs7899106
rs205262
rs12286929
rs3817334
rs4740619
rs9925964
rs13107325
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_CE_pct_int_imputed.txt_adiposity_instruments.t

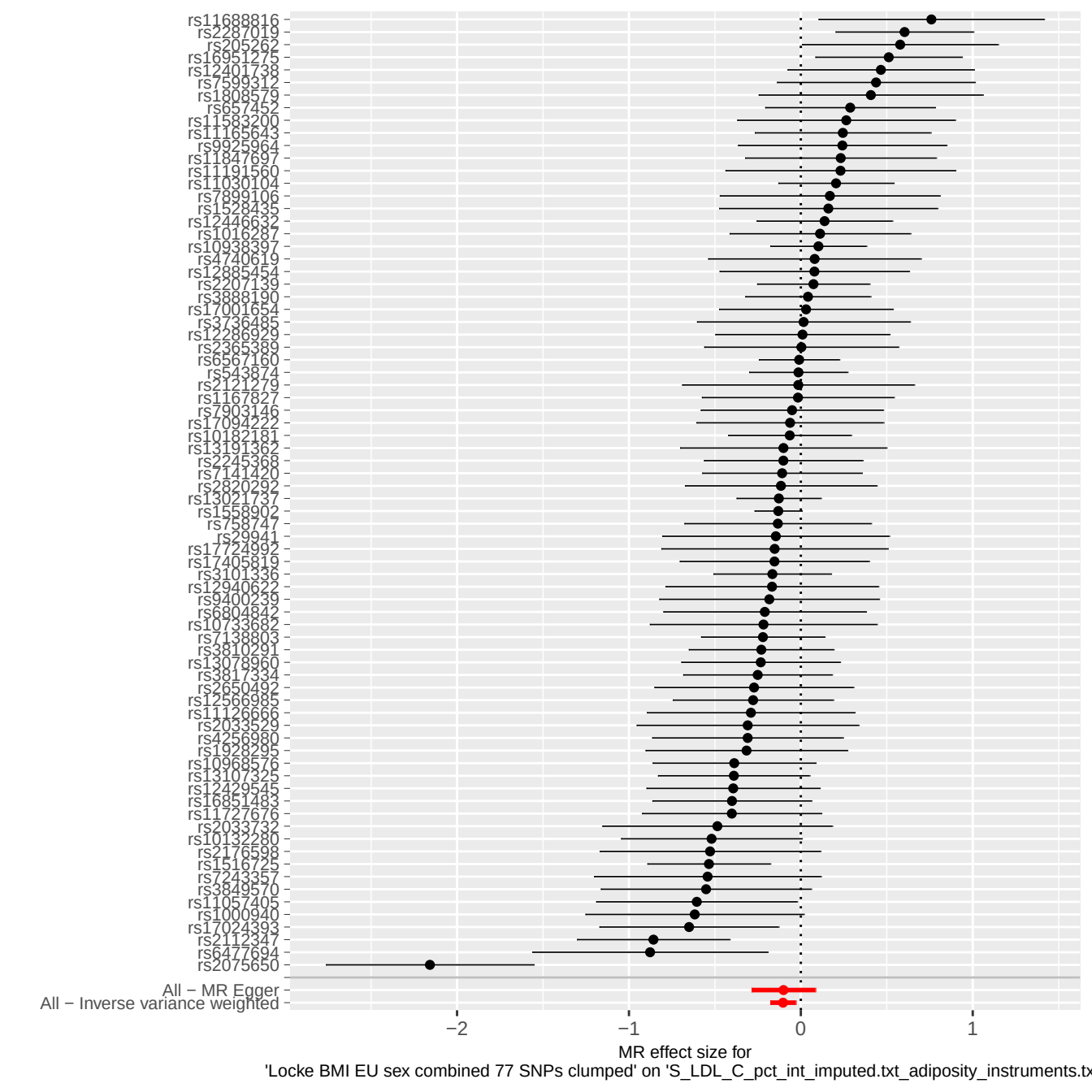

rs2075650
rs2112347
rs13107325
rs3849570
rs9925964
rs205262
rs3817334
rs1167827
rs4740619
rs2033529
rs1016287
rs7899106
rs1808579
rs2033732
rs16851483
rs17724992
rs6477694
rs9400239
rs12286929
rs10182181
rs2176598
rs10132280
rs3810291
rs6567160
rs12940622
rs17024393
rs2121279
rs16951275
rs11030104
rs11165643
rs12429545
rs11583200
rs543874
rs12885454
rs10968576
rs7243357
rs2820292
rs11688816
rs13021737
rs13191362
rs657452
rs12566985
rs17094222
rs4256980
rs3888190
rs17001654
rs2650492
rs1928295
rs7138803
rs7599312
rs12401738
rs758747
rs12446632
rs2245368
rs3736485
rs2365389
rs1558902
rs1528435
rs10938397
rs2207139
rs6804842
rs7141420
rs1000940
rs11847697
rs3101336
rs11126666
rs13078960
rs29941
rs10733682
rs11727676
rs11191560
rs17405819
rs2287019
rs1516725
rs7903146
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_PL_pct_int_imputed.txt_adiposity_instruments.t

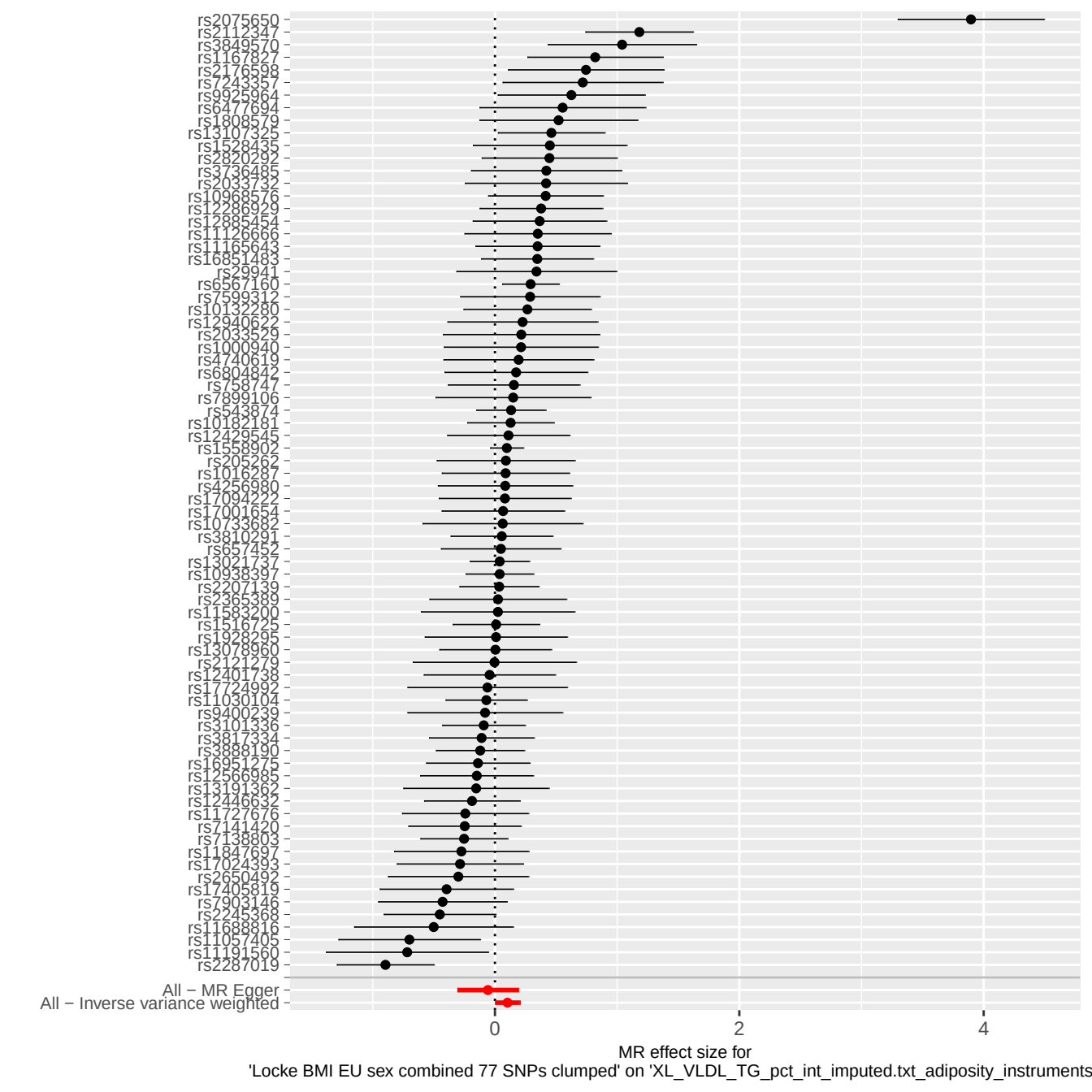

rs2075650
rs11057405
rs10733682
rs1516725
rs3736485
rs1528435
rs7903146
rs11727676
rs11126666
rs11165643
rs7243357
rs2287019
rs7599312
rs2207139
rs10938397
rs2365389
rs1000940
rs1558902
rs13021737
rs11583200
rs11847697
rs657452
rs13078960
rs29941
rs13191362
rs6804842
rs2176598
rs10968576
rs12940622
rs4740619
rs2245368
rs3101336
rs7141420
rs1808579
rs1167827
rs4256980
rs758747
rs12286929
rs1928295
rs11688816
rs2033732
rs11030104
rs17094222
rs11191560
rs17405819
rs543874
rs7899106
rs9400239
rs12429545
rs3888190
rs12885454
rs3810291
rs12446632
rs7138803
rs10132280
rs12566985
rs2820292
rs10182181
rs6477694
rs2121279
rs17724992
rs17001654
rs1016287
rs9925964
rs6567160
rs12401738
rs2033529
rs2650492
rs16851483
rs16951275
rs2112347
rs17024393
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'ApoA1_int_imputed.txt_adiposity_instruments.txt'

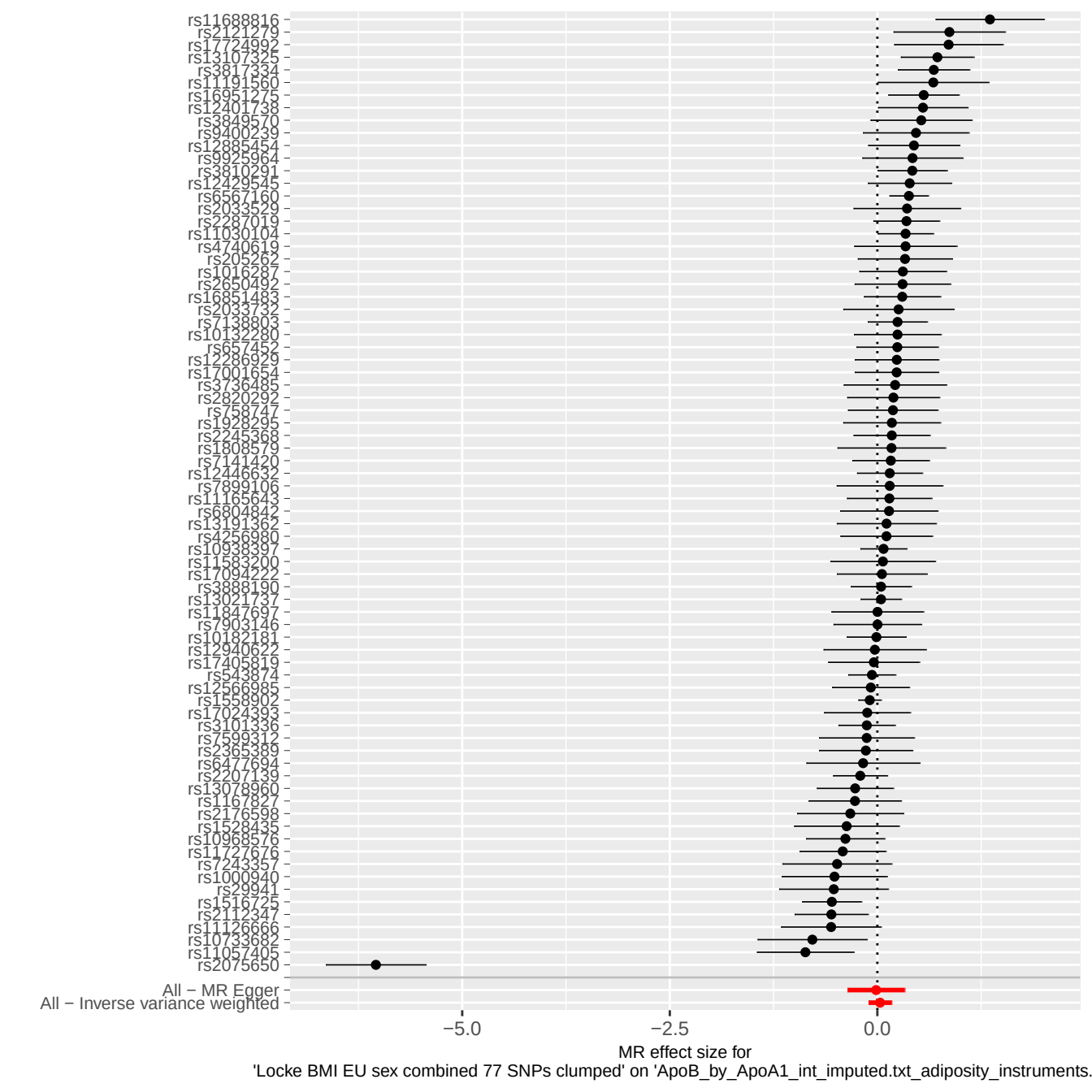

rs11057405
rs10733682
rs1516725
rs2075650
rs7903146
rs11727676
rs11126666
rs1528435
rs2287019
rs3736485
rs1000940
rs2207139
rs13078960
rs11847697
rs11191560
rs2365389
rs10938397
rs29941
rs11165643
rs6804842
rs3101336
rs1558902
rs17405819
rs2245368
rs7243357
rs7141420
rs10968576
rs13021737
rs1928295
rs7559312
rs12940622
rs13191362
rs657452
rs4256980
rs758747
rs11583200
rs17094222
rs7138803
rs2176598
rs543874
rs12446632
rs3888190
rs12566985
rs10132280
rs11030104
rs6477694
rs1808579
rs9400239
rs11688816
rs12429545
rs12885454
rs2820292
rs4740619
rs12401738
rs3810291
rs17001654
rs1167827
rs2033732
rs10182181
rs12286929
rs2650492
rs17724992
rs1016287
rs7899106
rs16851483
rs2121279
rs2033529
rs6567160
rs16951275
rs17024393
rs9925964
rs2112347
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'HDL_CE_int_imputed.txt_adiposity_instruments.txt'

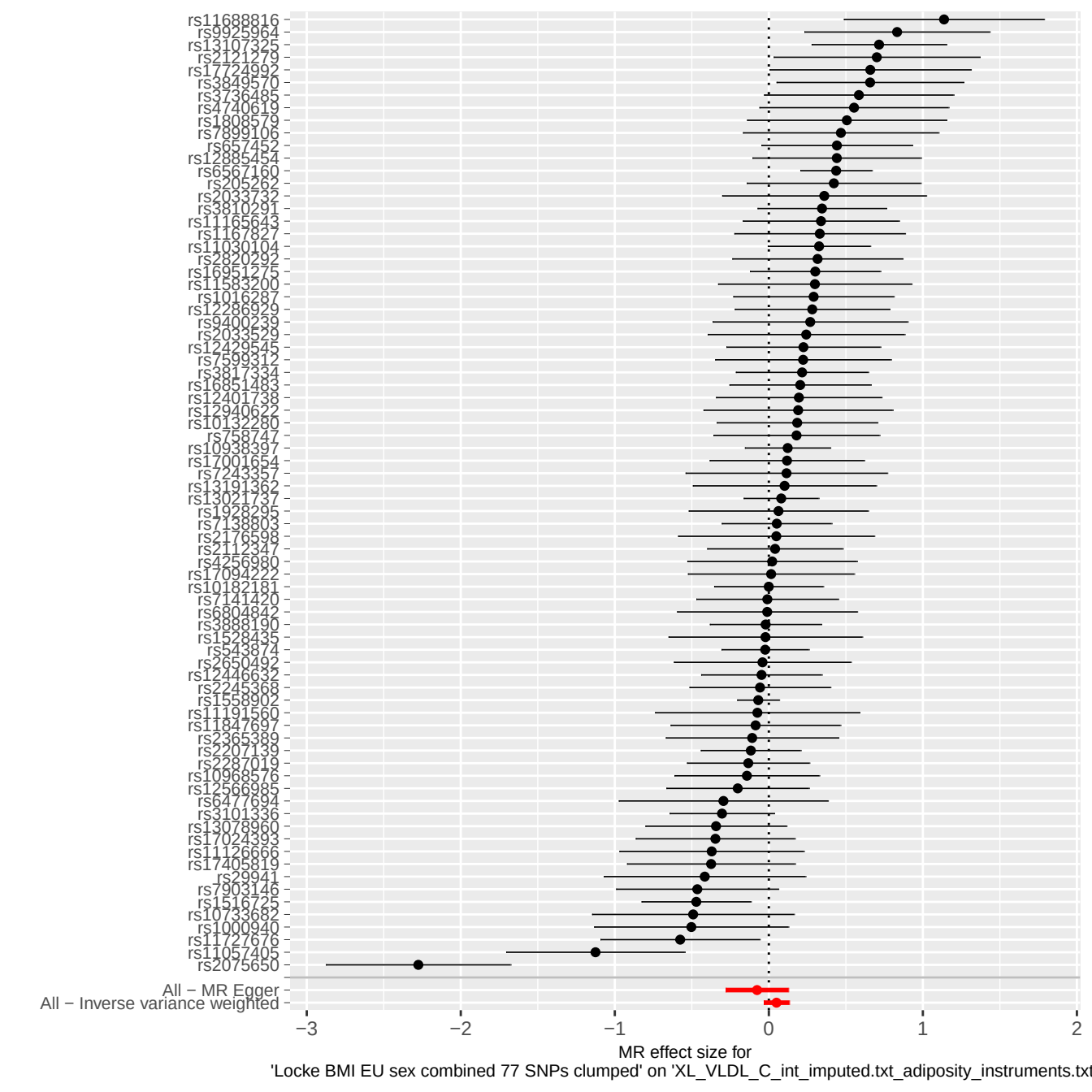

rs2075650
rs2112347
rs13107325
rs7243357
rs1167827
rs3849570
rs3736485
rs3817334
rs2176598
rs12429545
rs7899106
rs2033732
rs11583200
rs10182181
rs17024393
rs6477694
rs16851483
rs2033529
rs10968576
rs205262
rs758747
rs3810291
rs12286929
rs7599312
rs12940622
rs13021737
rs1016287
rs657452
rs12566985
rs6567160
rs2820292
rs4740619
rs2121279
rs9925964
rs10132280
rs1528435
rs1000940
rs13191362
rs2650492
rs29941
rs3888190
rs543874
rs1558902
rs4256980
rs11057405
rs11030104
rs12885454
rs17094222
rs1808579
rs11165643
rs10733682
rs6804842
rs3101336
rs2365389
rs17405819
rs10938397
rs11727676
rs1516725
rs9400239
rs7138803
rs11847697
rs12446632
rs13078960
rs7141420
rs2245368
rs11126666
rs17724992
rs2207139
rs17001654
rs1928295
rs11688816
rs12401738
rs16951275
rs7903146
rs2287019
rs11191560
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_TG_pct_int_imputed.txt_adiposity_instruments.t

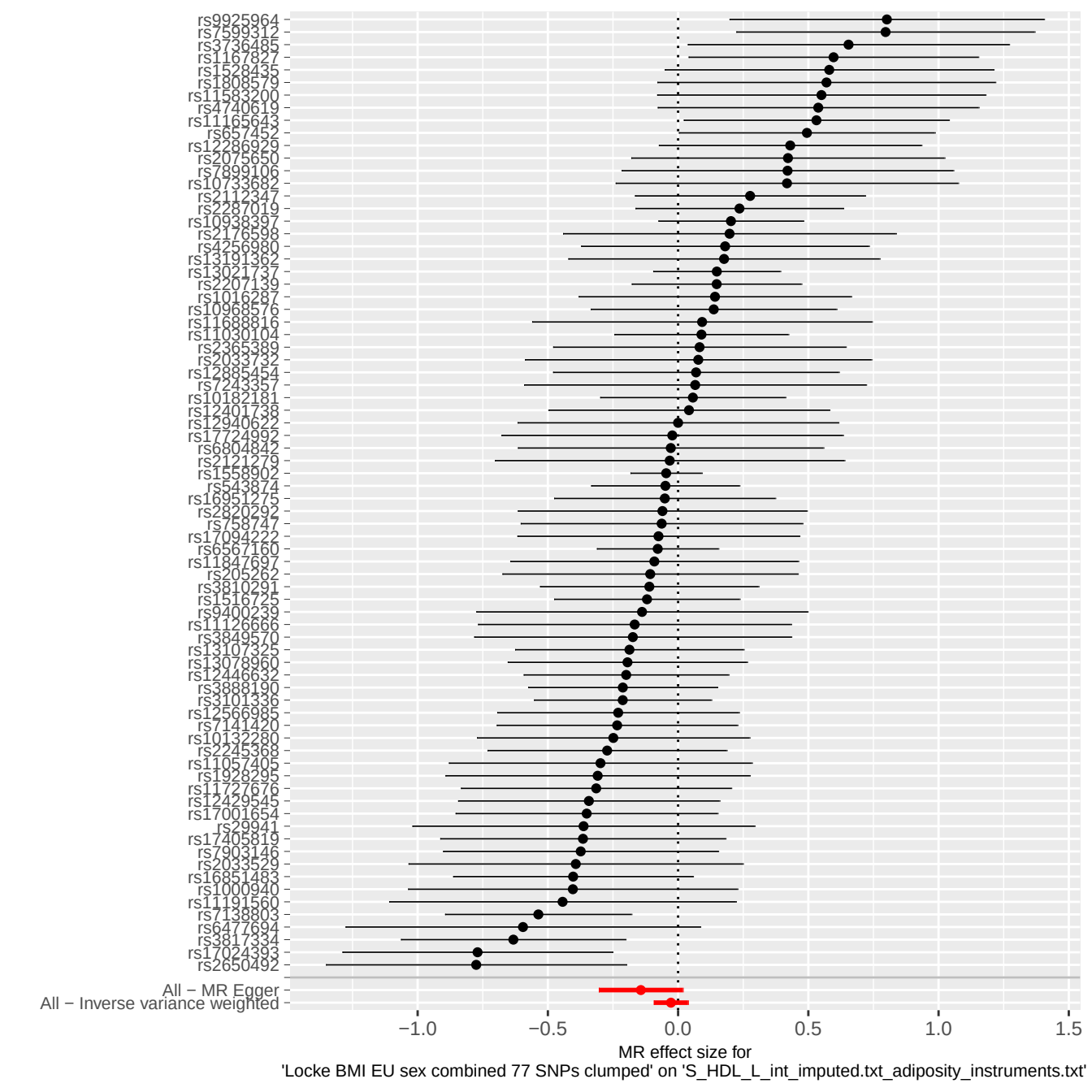

rs11688816
rs17724992
rs2121279
rs11191560
rs3736485
rs2287019
rs9400239
rs12401738
rs12885454
rs4740619
rs16951275
rs11165643
rs11030104
rs7903146
rs3810291
rs12429545
rs657452
rs2245368
rs7138803
rs6567160
rs9925964
rs10938397
rs6804842
rs7141420
rs1928295
rs12286929
rs13191362
rs2033732
rs11847697
rs17001654
rs758747
rs1808579
rs2033529
rs1016287
rs10132280
rs13021737
rs11583200
rs7899106
rs2650492
rs4256980
rs12446632
rs12940622
rs16851483
rs2820292
rs17094222
rs2365389
rs13107325
rs1558902
rs3888190
rs7599312
rs2207139
rs3849570
rs205262
rs1528435
rs11727676
rs3817334
rs3101336
rs17405819
rs1516725
rs10182181
rs543874
rs13078960
rs12566985
rs10733682
rs11126666
rs1167827
rs7243357
rs6477694
rs11057405
rs2176598
rs10968576
rs1000940
rs17024393
rs29941
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−6
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_C_int_imputed.txt_adiposity_instruments.txt'

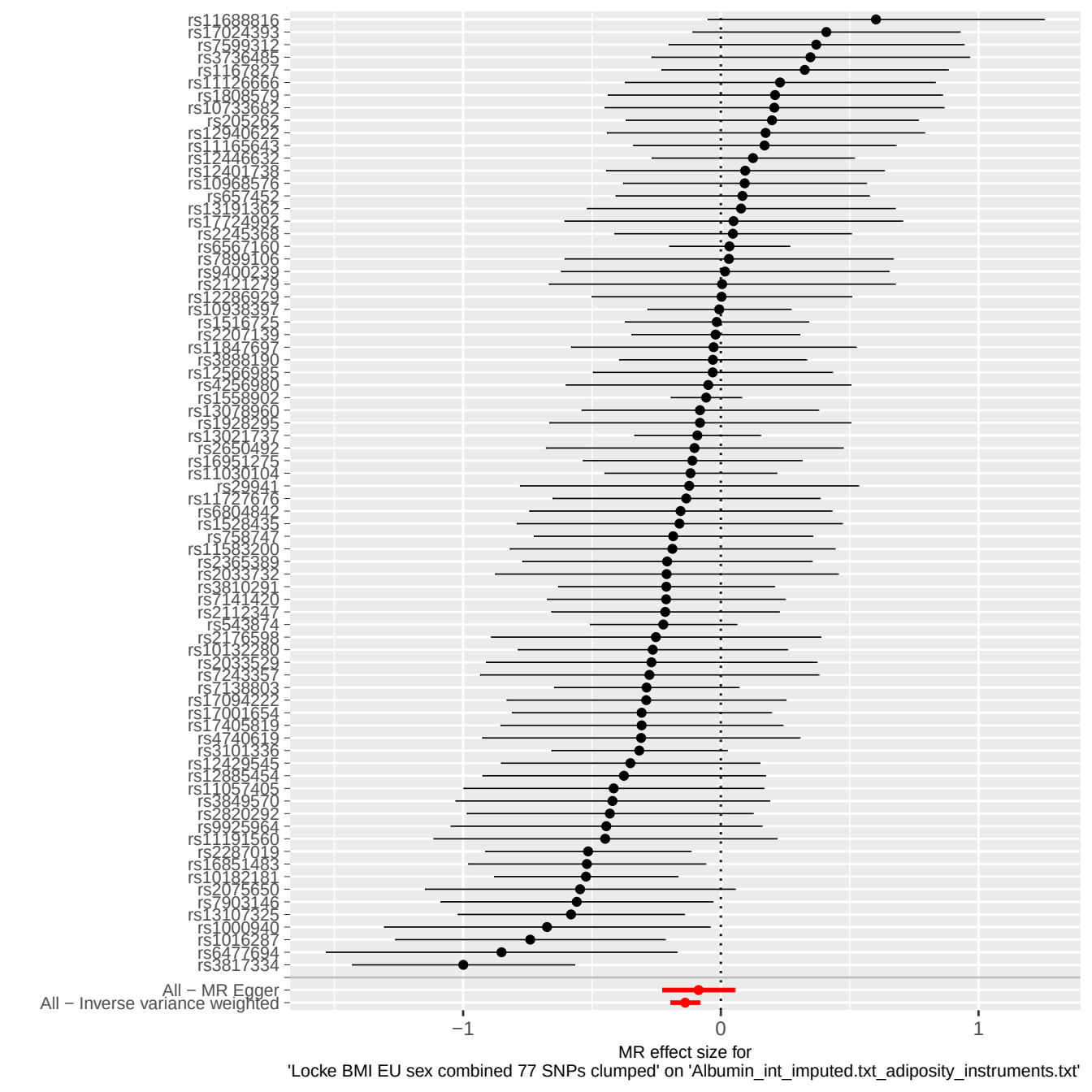

rs11688816
rs2287019
rs205262
rs16951275
rs12401738
rs7599312
rs1808579
rs657452
rs11583200
rs11165643
rs9925964
rs11847697
rs11191560
rs11030104
rs7899106
rs1528435
rs12446632
rs1016287
rs10938397
rs4740619
rs12885454
rs2207139
rs3888190
rs17001654
rs3736485
rs12286929
rs2365389
rs6567160
rs543874
rs2121279
rs1167827
rs7903146
rs17094222
rs10182181
rs13191362
rs2245368
rs7141420
rs2820292
rs13021737
rs1558902
rs758747
rs29941
rs17724992
rs17405819
rs3101336
rs12940622
rs9400239
rs6804842
rs10733682
rs7138803
rs3810291
rs13078960
rs3817334
rs2650492
rs12566985
rs11126666
rs2033529
rs4256980
rs1928295
rs10968576
rs13107325
rs12429545
rs16851483
rs11727676
rs2033732
rs10132280
rs2176598
rs1516725
rs7243357
rs3849570
rs11057405
rs1000940
rs17024393
rs2112347
rs6477694
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_C_pct_int_imputed.txt_adiposity_instruments.tx

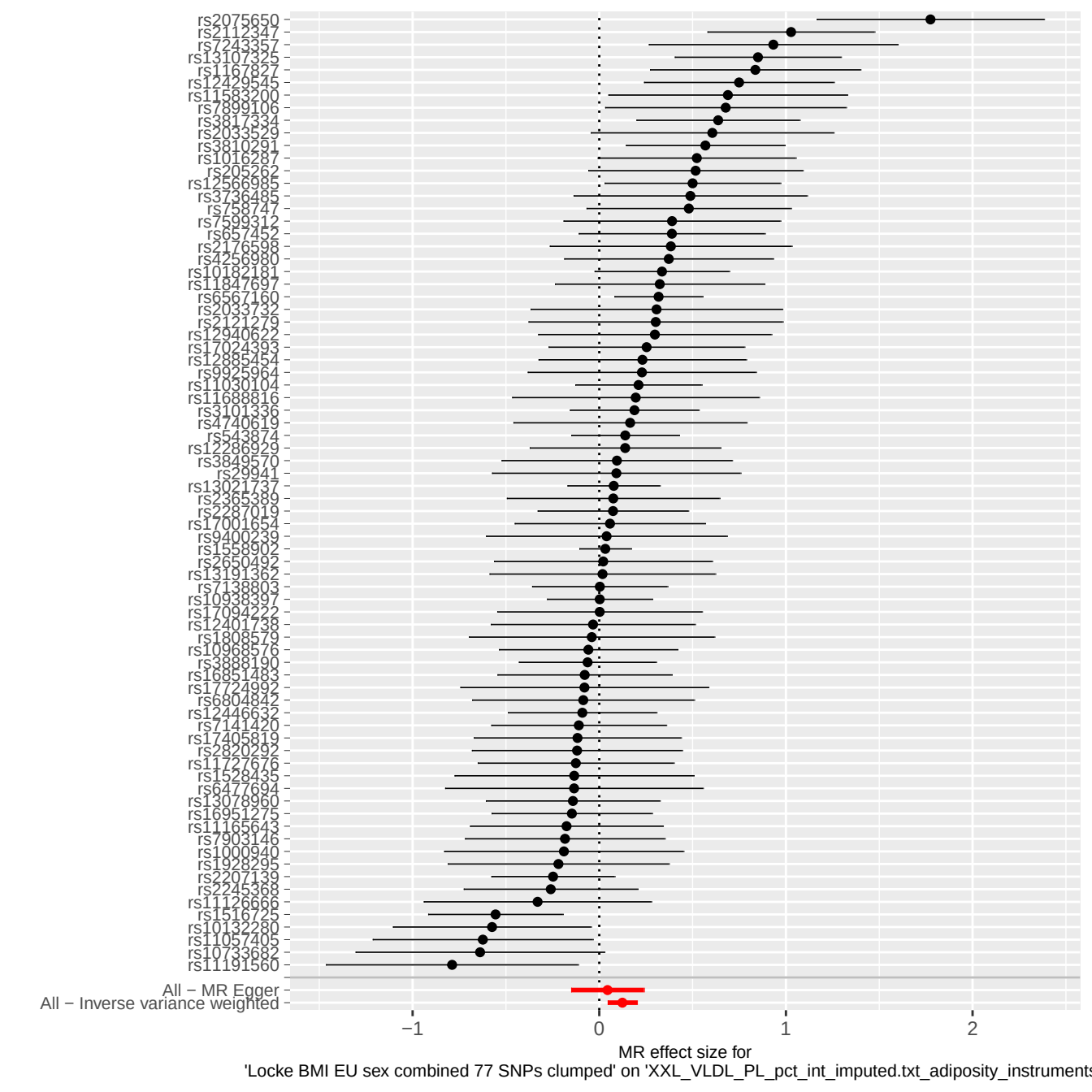

rs2075650
rs2112347
rs3849570
rs1167827
rs2176598
rs7243357
rs9925964
rs6477694
rs1808579
rs13107325
rs1528435
rs2820292
rs2736485
rs2033732
rs10968576
rs12286929
rs12885454
rs11126666
rs11165643
rs16851483
rs29941
rs6567160
rs7599312
rs10132280
rs12940622
rs2033529
rs1000940
rs4740619
rs6804842
rs758747
rs7899106
rs543874
rs10182181
rs12429545
rs1558902
rs205262
rs1016287
rs4256980
rs17094222
rs17001654
rs10733682
rs3810291
rs657452
rs13021737
rs10938397
rs2207139
rs2365389
rs11583200
rs1516725
rs1928295
rs13078960
rs2121279
rs12401738
rs17724992
rs11030104
rs9400239
rs3101336
rs3817334
rs3888190
rs16951275
rs12566985
rs13191362
rs12446632
rs11727676
rs7141420
rs7138803
rs11847697
rs17024393
rs2650492
rs17405819
rs7903146
rs2245368
rs11688816
rs11057405
rs11191560
rs2287019
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_TG_pct_int_imputed.txt_adiposity_instruments

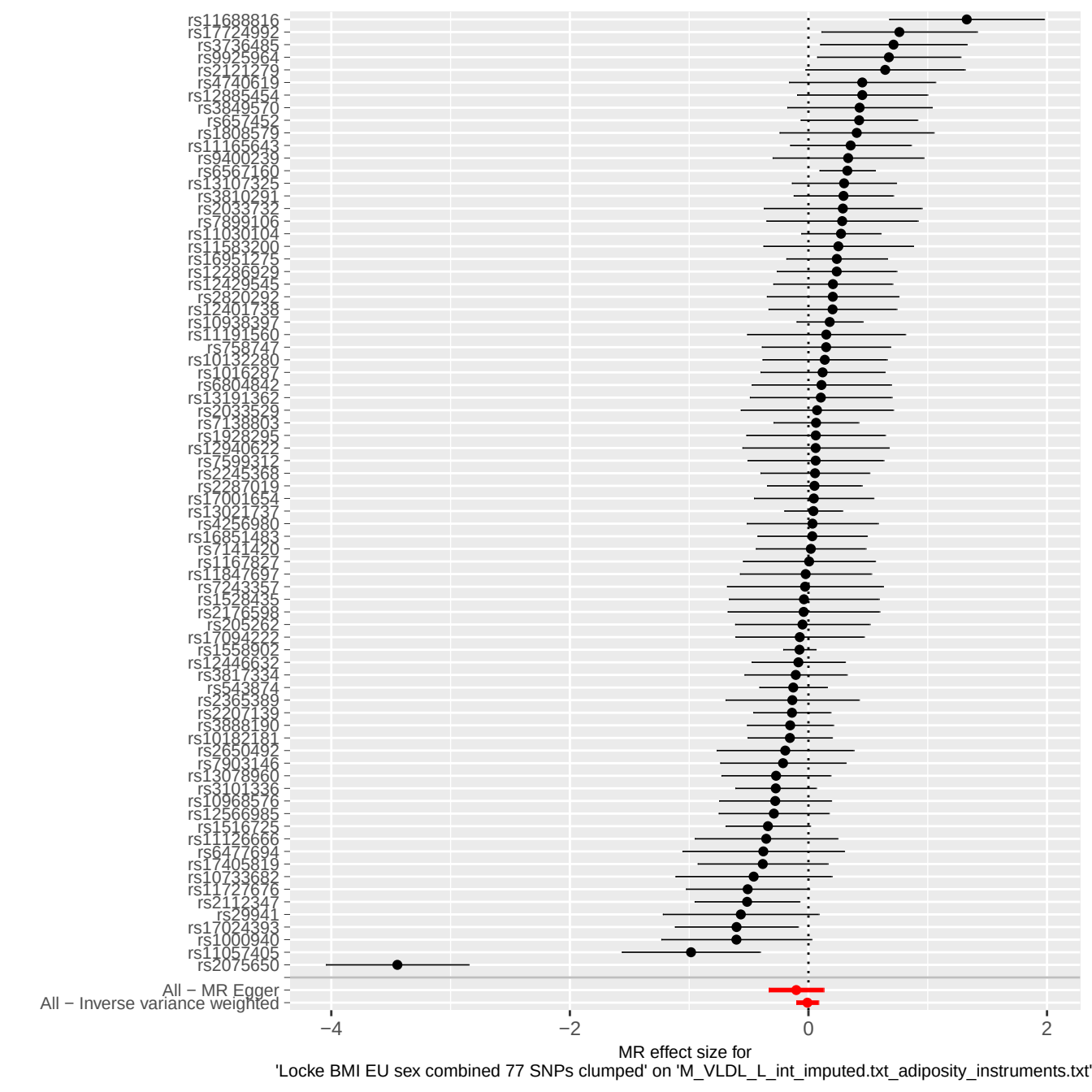

rs11688816
rs2121279
rs17724992
rs13107325
rs3817334
rs11191560
rs16951275
rs12401738
rs3849570
rs9400239
rs12885454
rs9925964
rs3810291
rs12429545
rs6567160
rs2033529
rs2287019
rs11030104
rs4740619
rs205262
rs1016287
rs2650492
rs16851483
rs2033732
rs7138803
rs10132280
rs657452
rs12286929
rs17001654
rs3736485
rs2820292
rs758747
rs1928295
rs2245368
rs1808579
rs7141420
rs12446632
rs7899106
rs11165643
rs6804842
rs13191362
rs4256980
rs10938397
rs11583200
rs17094222
rs3888190
rs13021737
rs11847697
rs7903146
rs10182181
rs12940622
rs17405819
rs543874
rs12566985
rs1558902
rs17024393
rs3101336
rs7599312
rs2365389
rs6477694
rs2207139
rs13078960
rs1167827
rs2176598
rs1528435
rs10968576
rs11727676
rs7243357
rs1000940
rs29941
rs1516725
rs2112347
rs11126666
rs10733682
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'ApoB_by_ApoA1_int_imputed.txt_adiposity_instruments.

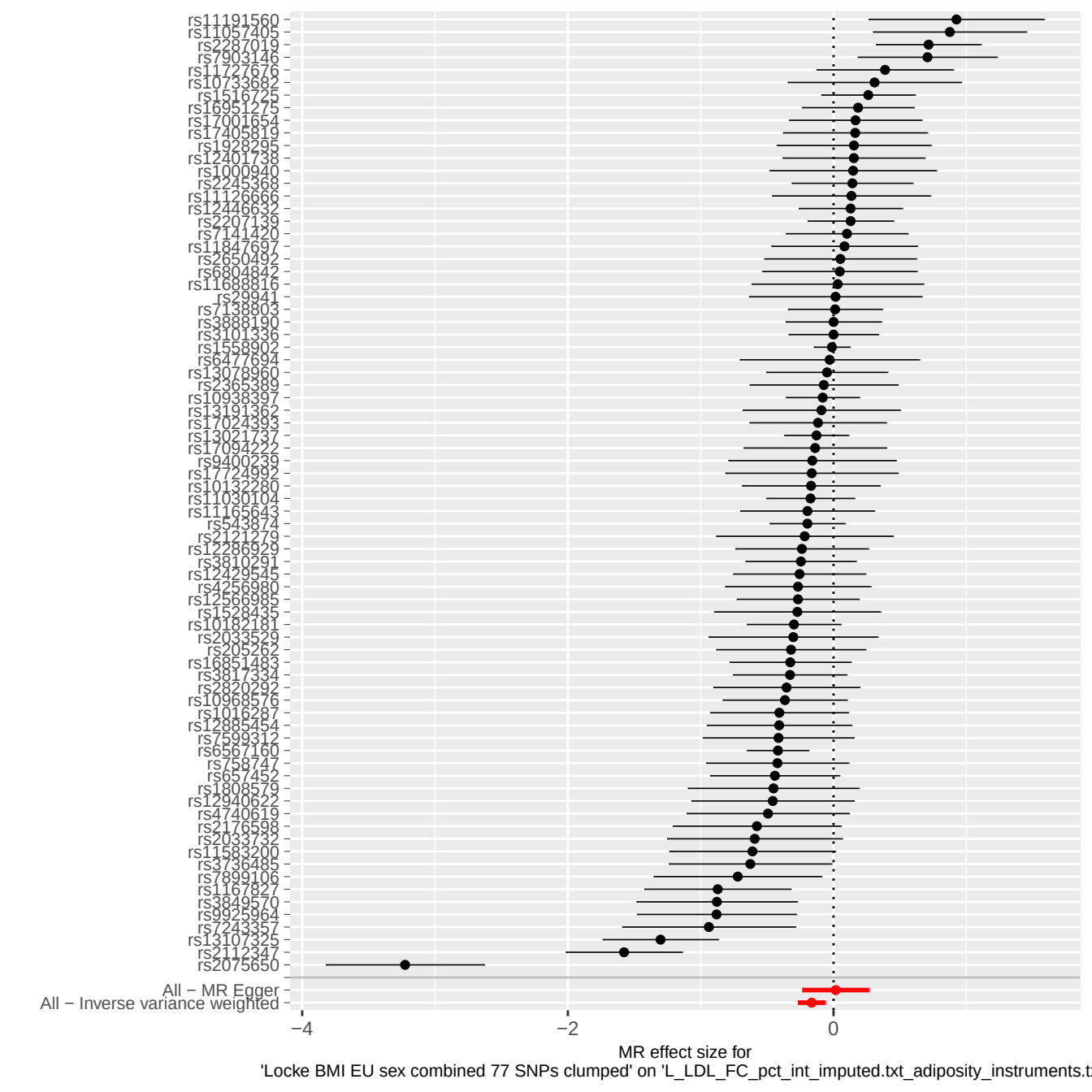

rs11688816
rs9925964
rs13107325
rs2121279
rs17724992
rs3849570
rs3736485
rs4740619
rs1808579
rs7899106
rs657452
rs12885454
rs6567160
rs205262
rs2033732
rs3810291
rs11165643
rs1167827
rs11030104
rs2820292
rs16951275
rs11583200
rs1016287
rs12286929
rs9400239
rs2033529
rs12429545
rs7599312
rs3817334
rs16851483
rs12401738
rs12940622
rs10132280
rs758747
rs10938397
rs17001654
rs7243357
rs13191362
rs13021737
rs1928295
rs7138803
rs2176598
rs2112347
rs4256980
rs17094222
rs10182181
rs7141420
rs6804842
rs3888190
rs1528435
rs543874
rs2650492
rs12446632
rs2245368
rs1558902
rs11191560
rs11847697
rs2365389
rs2207139
rs2287019
rs10968576
rs12566985
rs6477694
rs3101336
rs13078960
rs17024393
rs11126666
rs17405819
rs29941
rs7903146
rs1516725
rs10733682
rs1000940
rs11727676
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_C_int_imputed.txt_adiposity_instruments.txt

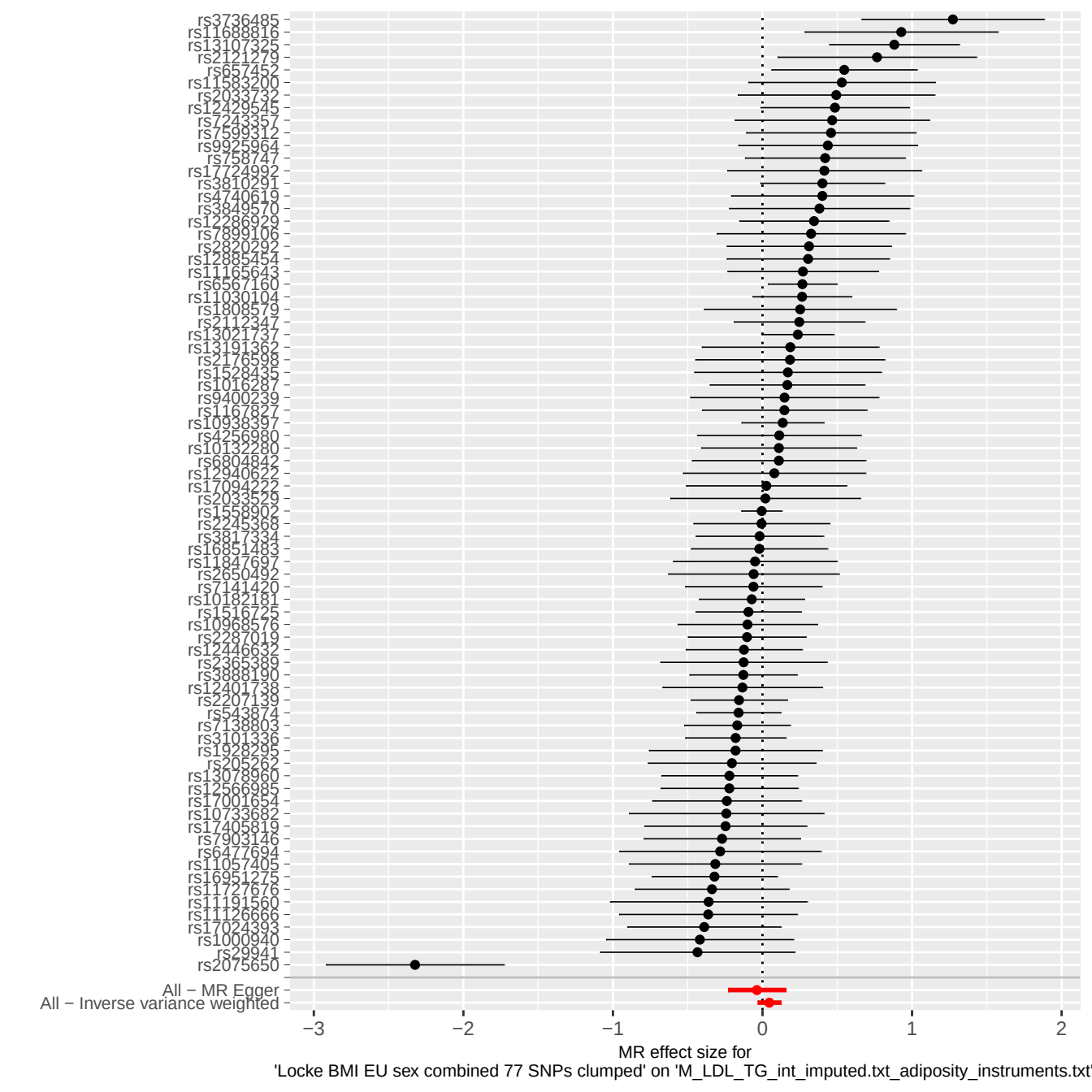

rs9925964
rs7559312
rs3736485
rs1167827
rs1529435
rs1528435
rs1808579
rs11583200
rs4740619
rs11165643
rs657452
rs12286929
rs2075650
rs7899106
rs10733682
rs2112347
rs2287019
rs10938397
rs2176598
rs4256980
rs13191362
rs13021737
rs2207139
rs1016287
rs10968576
rs11688816
rs11030104
rs2365389
rs2033732
rs12885454
rs7243357
rs10182181
rs12401738
rs12940622
rs17724992
rs6804842
rs2121279
rs1558902
rs543874
rs16951275
rs2820292
rs758747
rs17094222
rs6567160
rs11847697
rs205262
rs3810291
rs1516725
rs9400239
rs11126666
rs3849570
rs13107325
rs13078960
rs12446632
rs3888190
rs3101336
rs12566985
rs7141420
rs10132280
rs2245368
rs11057405
rs1928295
rs11727676
rs12429545
rs17001654
rs29941
rs17405819
rs7903146
rs2033529
rs16851483
rs1000940
rs11191560
rs7138803
rs6477694
rs3817334
rs17024393
rs2650492
All − MR Egger
All − Inverse variance weighted
−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_L_int_imputed.txt_adiposity_instruments.txt'

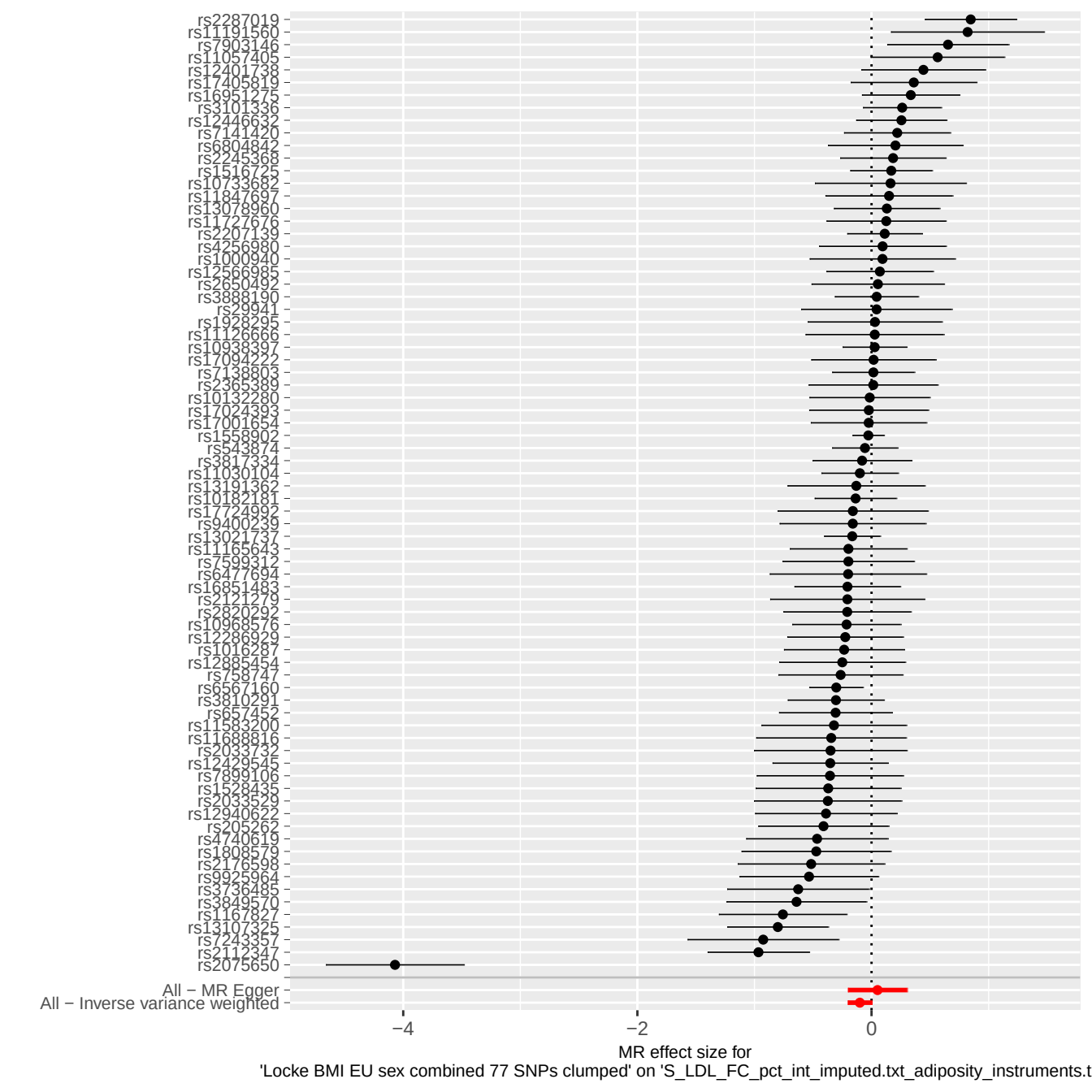

rs11688816
rs17024393
rs7599312
rs3736485
rs1167827
rs11126666
rs1808579
rs10733682
rs205262
rs12940622
rs11165643
rs12446632
rs12401738
rs10968576
rs657452
rs13191362
rs17724992
rs2245368
rs6567160
rs7899106
rs9400239
rs2121279
rs12286929
rs10938397
rs1516725
rs2207139
rs11847697
rs3888190
rs12566985
rs4256980
rs1558902
rs13078960
rs1928295
rs13021737
rs2650492
rs16951275
rs11030104
rs29941
rs11727676
rs6804842
rs1528435
rs758747
rs11583200
rs2365389
rs2033732
rs3810291
rs7141420
rs2112347
rs543874
rs2176598
rs10132280
rs2033529
rs7243357
rs7138803
rs17094222
rs17001654
rs17405819
rs4740619
rs3101336
rs12429545
rs12885454
rs11057405
rs3849570
rs2820292
rs9925964
rs11191560
rs2287019
rs16851483
rs10182181
rs2075650
rs7903146
rs13107325
rs1000940
rs1016287
rs6477694
rs3817334
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Albumin_int_imputed.txt_adiposity_instruments.txt'

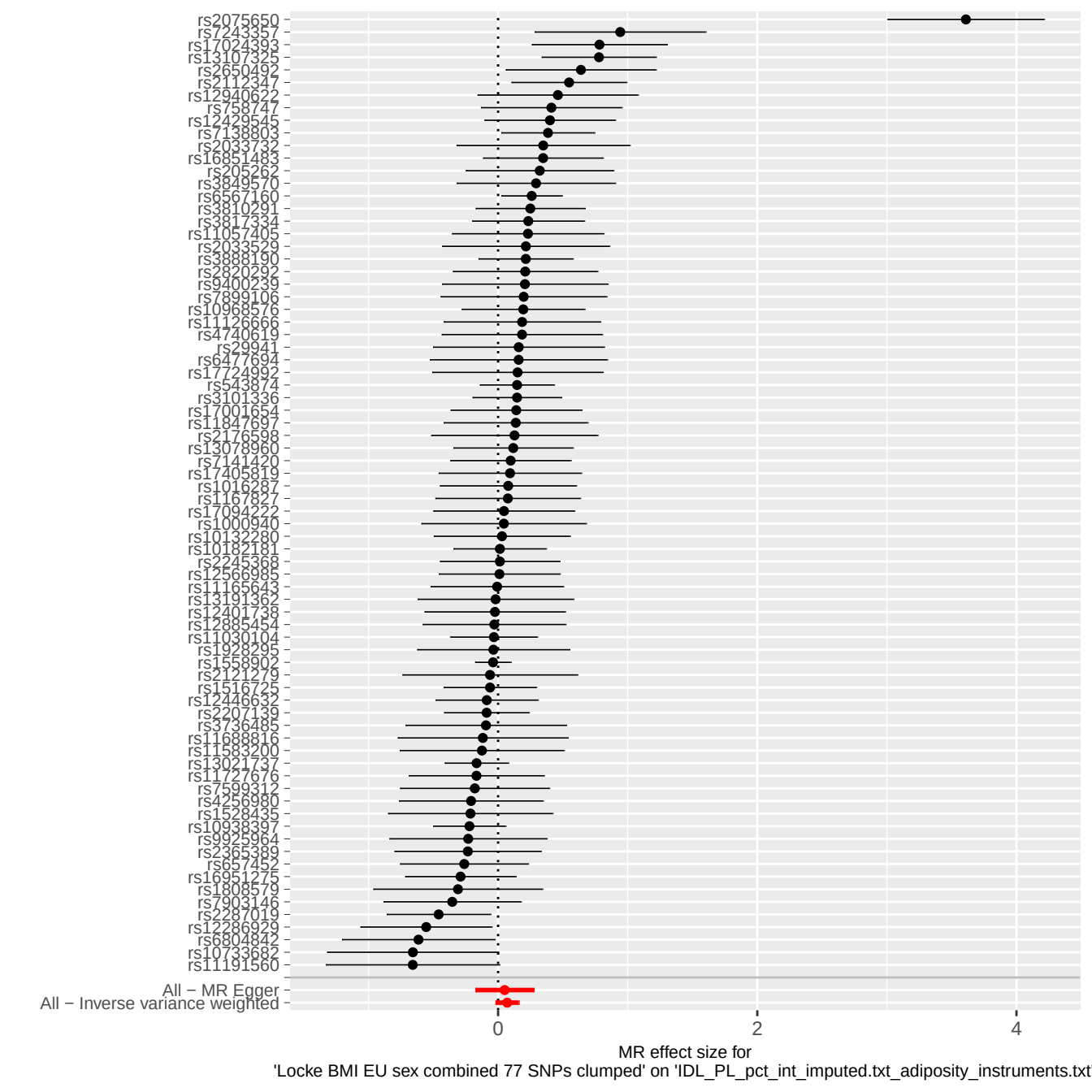

rs2075650
rs2112347
rs7243357
rs13107325
rs1167827
rs12429545
rs11583200
rs7899106
rs3817334
rs2033529
rs3810291
rs1016287
rs205262
rs12566985
rs3736485
rs758747
rs7599312
rs657452
rs2176598
rs4256980
rs10182181
rs11847697
rs6567160
rs2033732
rs2121279
rs12940622
rs17024393
rs12885454
rs9925964
rs11030104
rs11688816
rs3101336
rs4740619
rs543874
rs12286929
rs3849570
rs29941
rs13021737
rs2365389
rs2287019
rs17001654
rs9400239
rs1558902
rs2650492
rs13191362
rs7138803
rs10938397
rs17094222
rs12401738
rs1808579
rs10968576
rs3888190
rs16851483
rs17724992
rs6804842
rs12446632
rs7141420
rs17405819
rs2820292
rs11727676
rs1528435
rs6477694
rs13078960
rs16951275
rs11165643
rs7903146
rs1000940
rs1928295
rs2207139
rs2245368
rs11126666
rs1516725
rs10132280
rs11057405
rs10733682
rs11191560
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_PL_pct_int_imputed.txt_adiposity_instruments

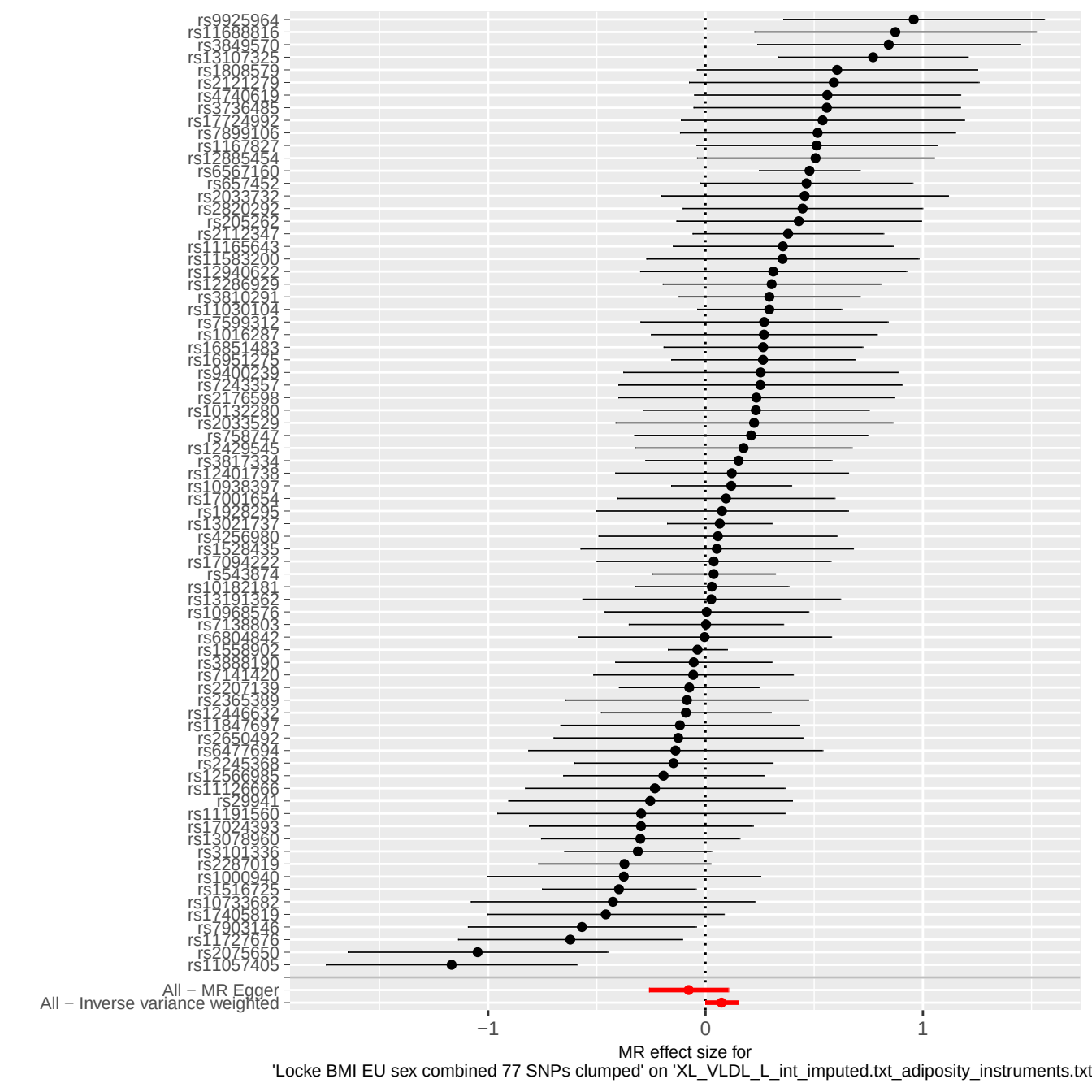

rs11688816
rs17724992
rs3736485
rs9925964
rs2121279
rs4740619
rs12885454
rs3849570
rs657452
rs1808579
rs11165643
rs9400239
rs6567160
rs13107325
rs3810291
rs2033732
rs7899106
rs11030104
rs11583200
rs16951275
rs12286929
rs12429545
rs2820292
rs12401738
rs10938397
rs11191560
rs758747
rs10132280
rs1016287
rs6804842
rs13191362
rs2033529
rs7138803
rs1928295
rs12940622
rs7599312
rs2245368
rs2287019
rs17001654
rs13021737
rs4256980
rs16851483
rs7141420
rs1167827
rs11847697
rs7243357
rs1528435
rs2176598
rs205262
rs17094222
rs1558902
rs12446632
rs3817334
rs543874
rs2365389
rs2207139
rs3888190
rs10182181
rs2650492
rs7903146
rs13078960
rs3101336
rs10968576
rs12566985
rs1516725
rs11126666
rs6477694
rs17405819
rs10733682
rs11727676
rs2112347
rs29941
rs17024393
rs1000940
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_L_int_imputed.txt_adiposity_instruments.txt'

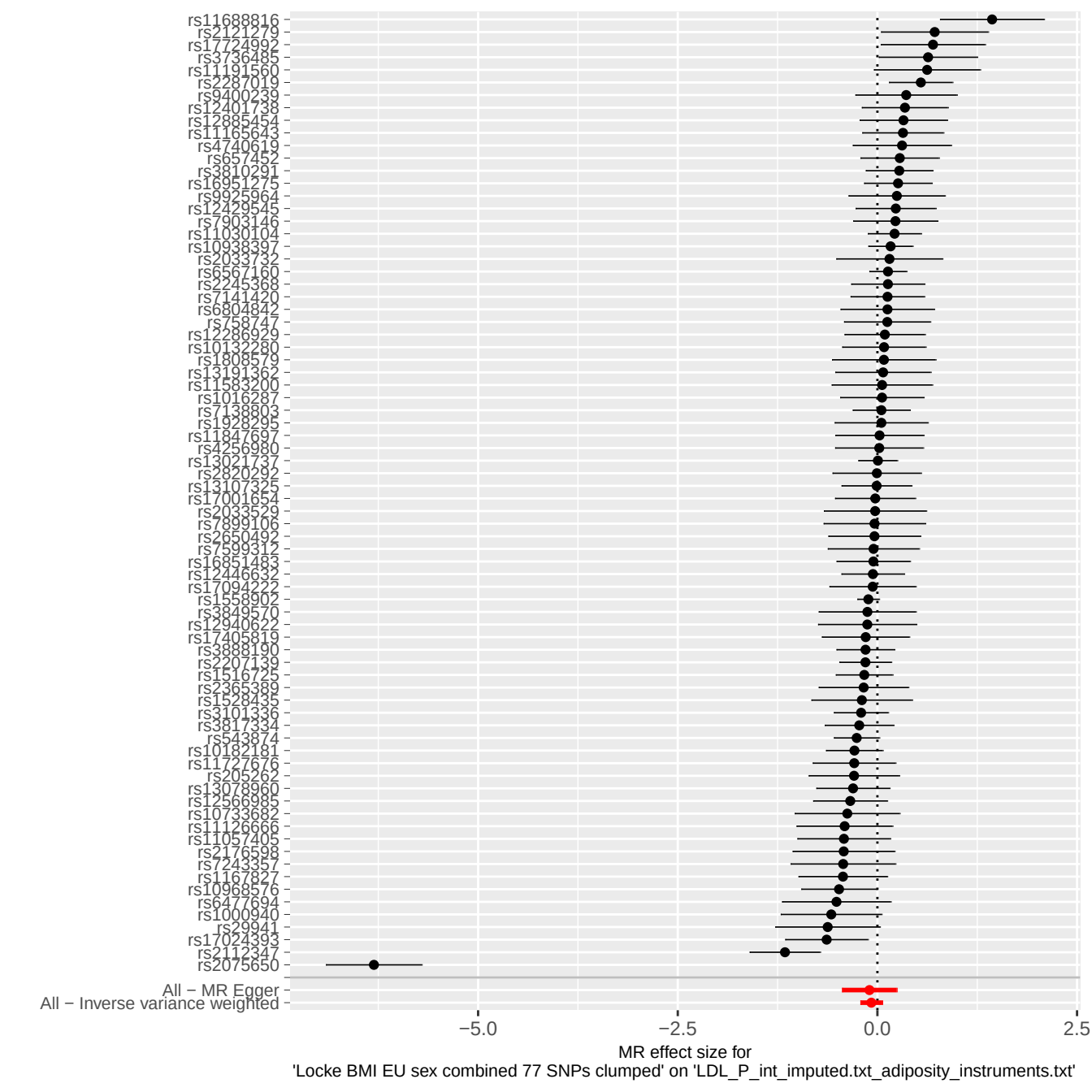

rs11191560
rs11057405
rs2287019
rs7903146
rs11727676
rs10733682
rs1516725
rs16951275
rs17001654
rs17405819
rs1928295
rs12401738
rs1000940
rs2245368
rs11126666
rs12446632
rs2207139
rs7141420
rs11847697
rs2650492
rs6804842
rs11688816
rs29941
rs7138803
rs3888190
rs3101336
rs1558902
rs6477694
rs13078960
rs2365389
rs10938397
rs13191362
rs17024393
rs13021737
rs17094222
rs9400239
rs17724992
rs10132280
rs11030104
rs11165643
rs543874
rs2121279
rs12286929
rs3810291
rs12429545
rs4256980
rs12566985
rs1528435
rs10182181
rs2033529
rs205262
rs16851483
rs3817334
rs2820292
rs10968576
rs1016287
rs12885454
rs7599312
rs6567160
rs758747
rs657452
rs1808579
rs12940622
rs4740619
rs2176598
rs2033732
rs11583200
rs3736485
rs7899106
rs1167827
rs3849570
rs9925964
rs7243357
rs13107325
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_FC_pct_int_imputed.txt_adiposity_instruments.t

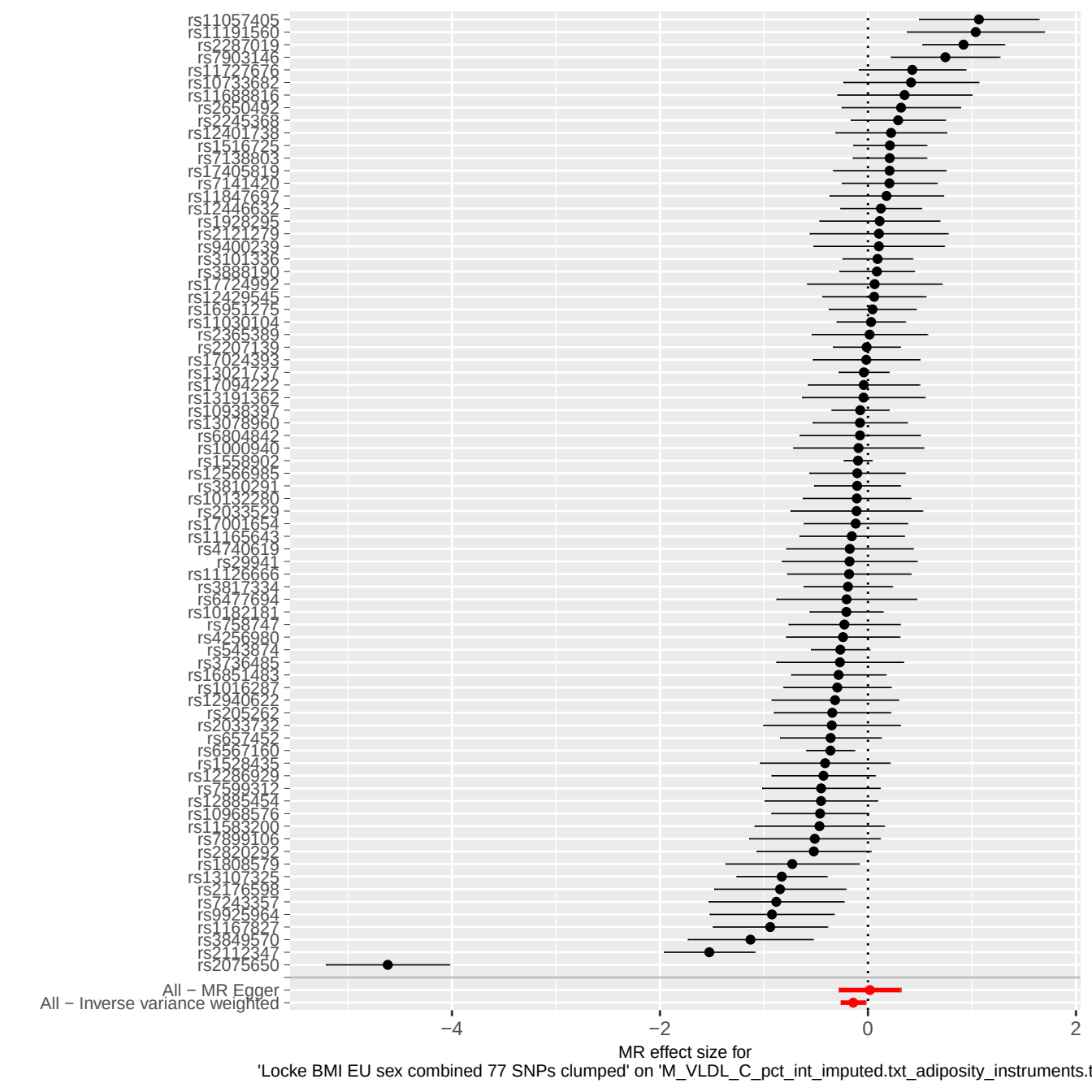

rs3736485
rs11688816
rs13107325
rs2121279
rs657452
rs11583200
rs2033732
rs12429545
rs7243357
rs7599312
rs9925964
rs758747
rs17724992
rs3810291
rs4740619
rs3849570
rs12286929
rs7899106
rs2820292
rs12885454
rs11165643
rs6567160
rs11030104
rs1808579
rs2112347
rs13021737
rs13191362
rs2176598
rs1528435
rs1016287
rs9400239
rs1167827
rs10938397
rs4256980
rs10132280
rs6804842
rs12940622
rs17094222
rs2033529
rs1558902
rs2245368
rs3817334
rs16851483
rs11847697
rs2650492
rs7141420
rs10182181
rs1516725
rs10968576
rs2287019
rs12446632
rs2365389
rs3888190
rs12401738
rs2207139
rs543874
rs7138803
rs3101336
rs1928295
rs205262
rs13078960
rs12566985
rs17001654
rs10733682
rs17405819
rs7903146
rs6477694
rs11057405
rs16951275
rs11727676
rs11191560
rs11126666
rs17024393
rs1000940
rs29941
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_TG_int_imputed.txt_adiposity_instruments.txt'

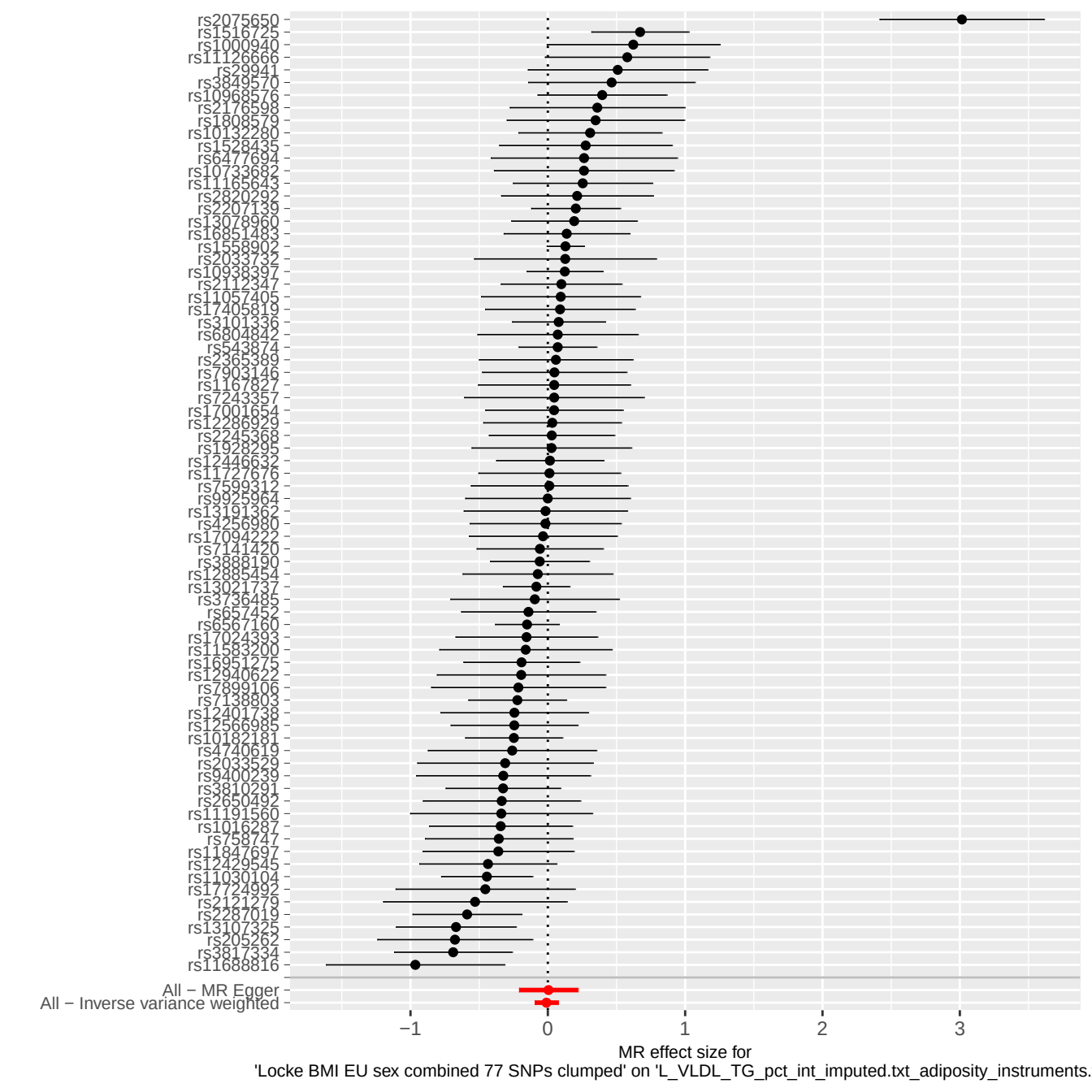

rs2287019
rs11191560
rs7903146
rs11057405
rs12401738
rs17405819
rs16951275
rs3101336
rs12446632
rs7141420
rs6804842
rs2245368
rs1516725
rs10733682
rs11847697
rs13078960
rs11727676
rs2207139
rs4256980
rs1000940
rs12566985
rs2650492
rs3888190
rs29941
rs1928295
rs11126666
rs10938397
rs17094222
rs7138803
rs2365389
rs10132280
rs17024393
rs17001654
rs1558902
rs543874
rs3817334
rs11030104
rs13191362
rs10182181
rs17724992
rs9400239
rs13021737
rs11165643
rs7599312
rs6477694
rs16851483
rs2121279
rs2820292
rs10968576
rs12286929
rs1016287
rs12885454
rs758747
rs6567160
rs3810291
rs657452
rs11583200
rs11688816
rs2033732
rs12429545
rs7899106
rs1528435
rs2033529
rs12940622
rs205262
rs4740619
rs1808579
rs2176598
rs9925964
rs3736485
rs3849570
rs1167827
rs13107325
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_LDL_FC_pct_int_imputed.txt_adiposity_instruments.t

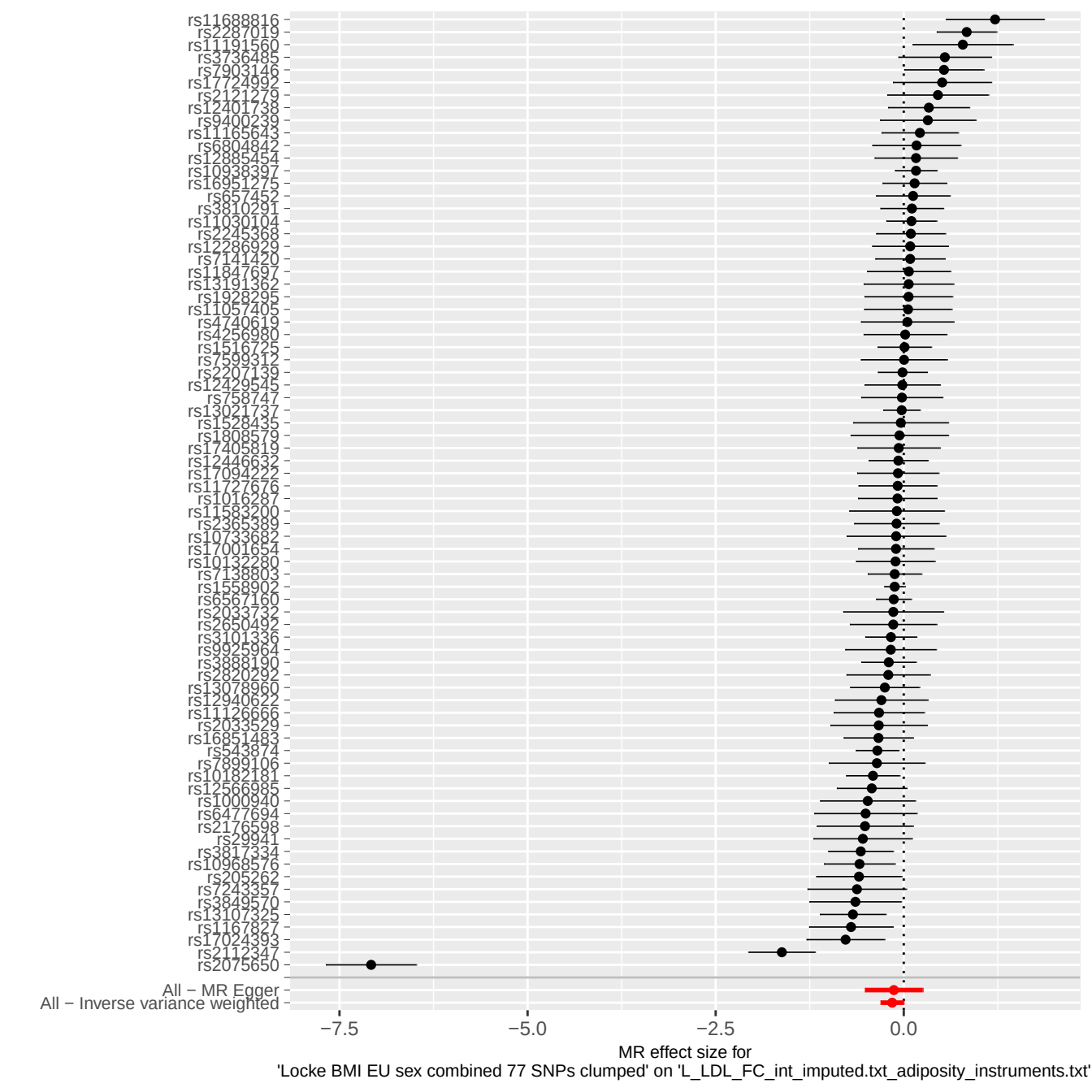

rs2075650
rs7243357
rs17024393
rs13107325
rs2650492
rs2112347
rs12940622
rs758747
rs12429545
rs7138803
rs2033732
rs16851483
rs205262
rs3849570
rs6567160
rs3810291
rs3817334
rs11057405
rs2033529
rs3888190
rs2820292
rs9400239
rs7899106
rs10968576
rs11126666
rs4740619
rs29941
rs6477694
rs17724992
rs543874
rs3101336
rs17001654
rs11847697
rs2176598
rs13078960
rs7141420
rs17405819
rs1016287
rs1167827
rs17094222
rs1000940
rs10132280
rs10182181
rs2245368
rs12566985
rs11165643
rs13191362
rs12401738
rs12885454
rs11030104
rs1928295
rs1558902
rs2121279
rs1516725
rs12446632
rs2207139
rs3736485
rs11688816
rs11583200
rs13021737
rs11727676
rs7599312
rs4256980
rs1528435
rs10938397
rs9925964
rs2365389
rs657452
rs16951275
rs1808579
rs7903146
rs2287019
rs12286929
rs6804842
rs10733682
rs11191560
All − MR Egger
All − Inverse variance weighted
0
2
4
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_PL_pct_int_imputed.txt_adiposity_instruments.txt'

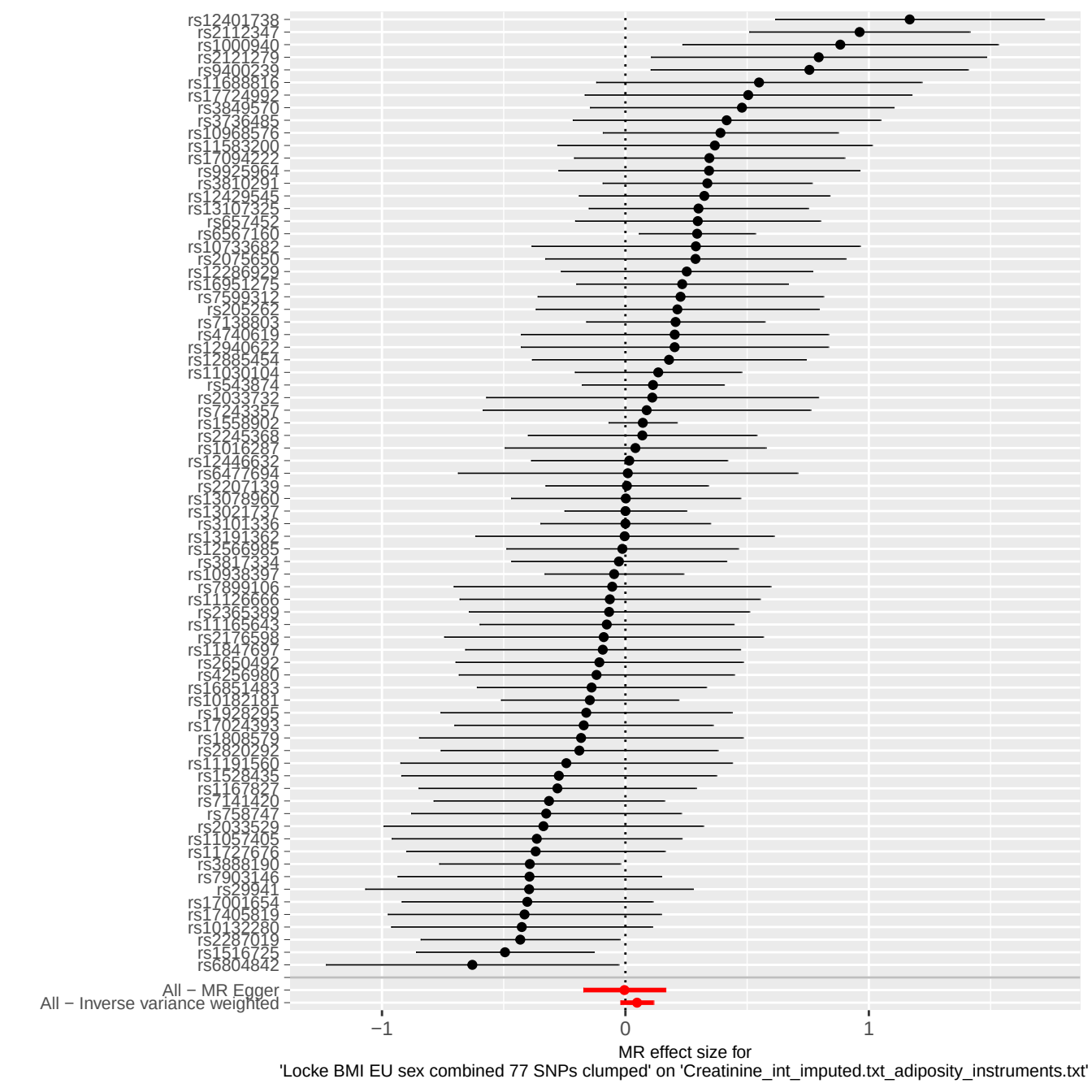

rs9925964
rs11688816
rs3849570
rs13107325
rs1808579
rs2121279
rs4740619
rs3736485
rs17724992
rs7899106
rs1167827
rs12885454
rs6567160
rs657452
rs2033732
rs2820292
rs205262
rs2112347
rs11165643
rs11583200
rs12940622
rs12286929
rs3810291
rs11030104
rs7599312
rs1016287
rs16851483
rs16951275
rs9400239
rs7243357
rs2176598
rs10132280
rs2033529
rs758747
rs12429545
rs3817334
rs12401738
rs10938397
rs17001654
rs1928295
rs13021737
rs4256980
rs1528435
rs17094222
rs543874
rs10182181
rs13191362
rs10968576
rs7138803
rs6804842
rs1558902
rs3888190
rs7141420
rs2207139
rs2365389
rs12446632
rs11847697
rs2650492
rs6477694
rs2245368
rs12566985
rs11126666
rs29941
rs11191560
rs17024393
rs13078960
rs3101336
rs2287019
rs1000940
rs1516725
rs10733682
rs17405819
rs7903146
rs11727676
rs2075650
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_L_int_imputed.txt_adiposity_instruments.txt

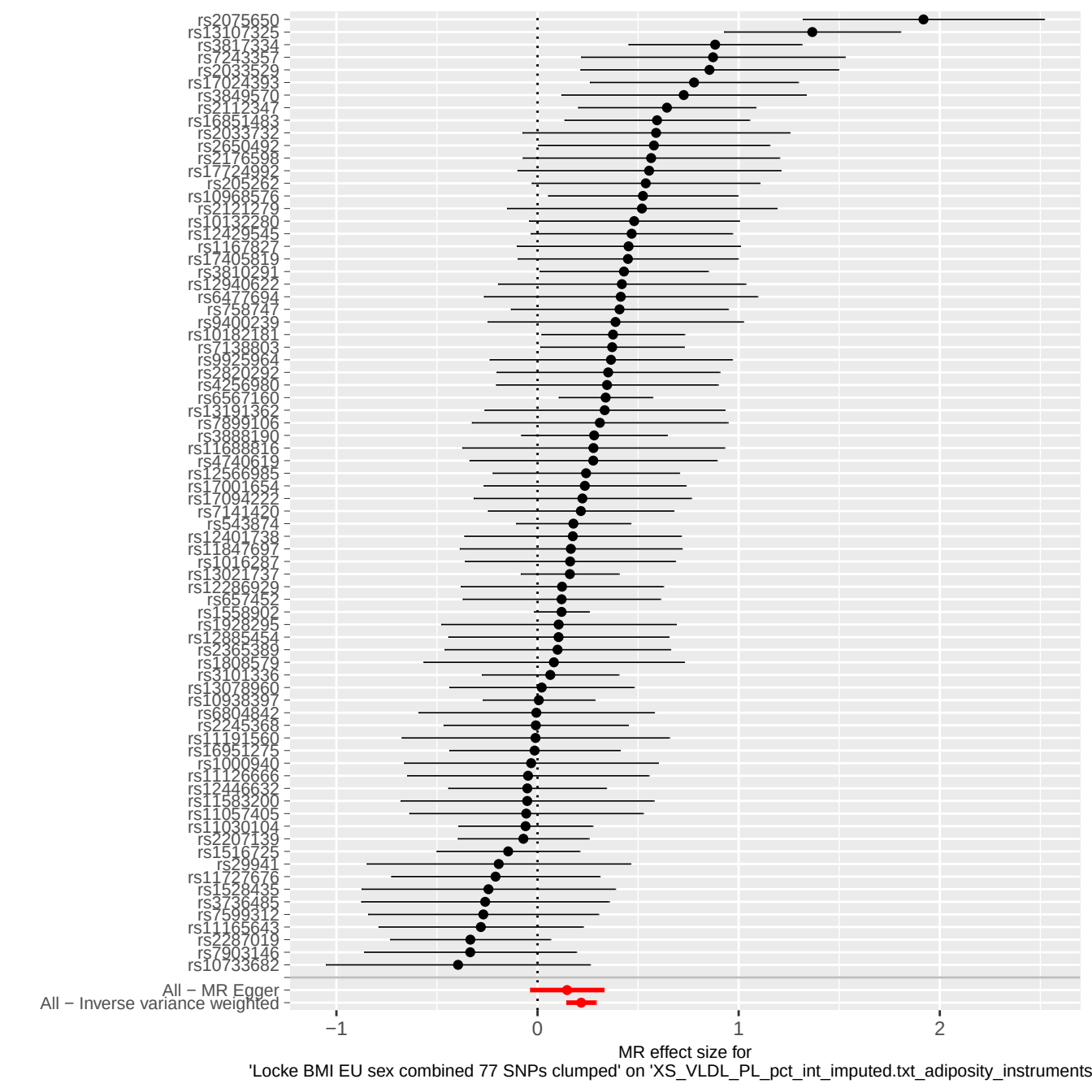

rs11688816
rs2121279
rs17224692
rs3736485
rs11191560
rs2287019
rs9400239
rs12401738
rs12885454
rs11165643
rs4740619
rs657452
rs3810291
rs16951275
rs9925964
rs12429545
rs7903146
rs11030104
rs10938397
rs2033732
rs6567160
rs2245368
rs7141420
rs6804842
rs758747
rs12286929
rs10132280
rs1808579
rs13191362
rs11583200
rs1016287
rs7138803
rs1928295
rs11847697
rs4256980
rs13021737
rs2820292
rs13107325
rs17001654
rs2033529
rs7899106
rs2650492
rs7599312
rs16851483
rs12446632
rs17094222
rs1558902
rs3849570
rs12940622
rs17405819
rs3888190
rs2207139
rs1516725
rs2365389
rs1528435
rs3101336
rs3817334
rs543874
rs10182181
rs11727676
rs205262
rs13078960
rs12566985
rs10733682
rs11126666
rs11057405
rs2176598
rs7243357
rs1167827
rs10968576
rs6477694
rs1000940
rs29941
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LDL_P_int_imputed.txt_adiposity_instruments.txt'

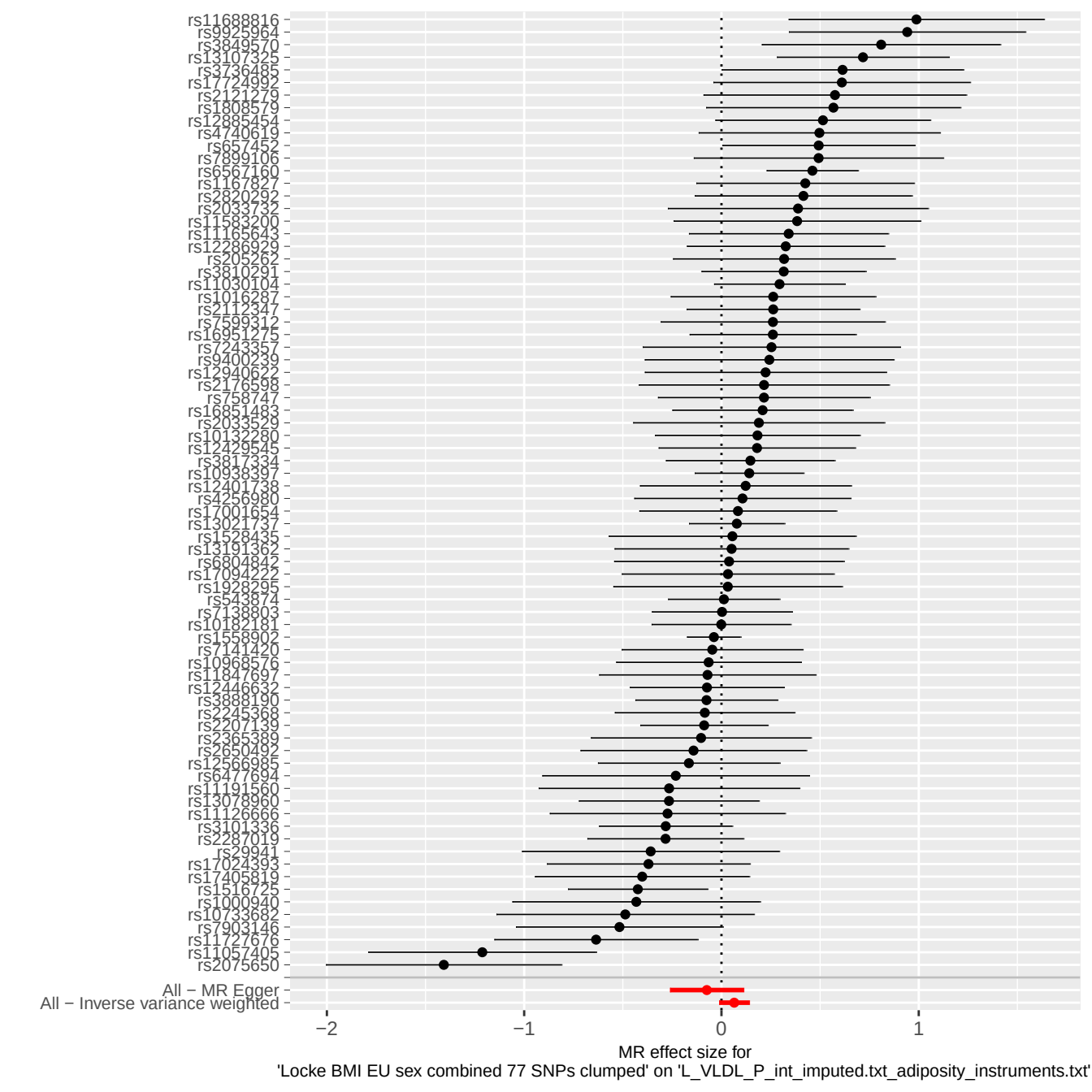

rs11057405
rs11191560
rs2287019
rs7903146
rs11727676
rs10733682
rs11688816
rs2650492
rs2245368
rs12401738
rs1516725
rs7138803
rs17405819
rs7141420
rs11847697
rs12446632
rs1928295
rs2121279
rs9400239
rs3101336
rs3888190
rs17724992
rs12429545
rs16951275
rs11030104
rs2365389
rs2207139
rs17024393
rs13021737
rs17094222
rs13191362
rs10938397
rs13078960
rs6804842
rs1000940
rs1558902
rs12566985
rs3810291
rs10132280
rs2033529
rs17001654
rs11165643
rs4740619
rs29941
rs11126666
rs3817334
rs6477694
rs10182181
rs758747
rs4256980
rs543874
rs3736485
rs16851483
rs1016287
rs12940622
rs205262
rs2033732
rs657452
rs6567160
rs1528435
rs12286929
rs7599312
rs12885454
rs10968576
rs11583200
rs7899106
rs2820292
rs1808579
rs13107325
rs2176598
rs7243357
rs9925964
rs1167827
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_C_pct_int_imputed.txt_adiposity_instruments.t

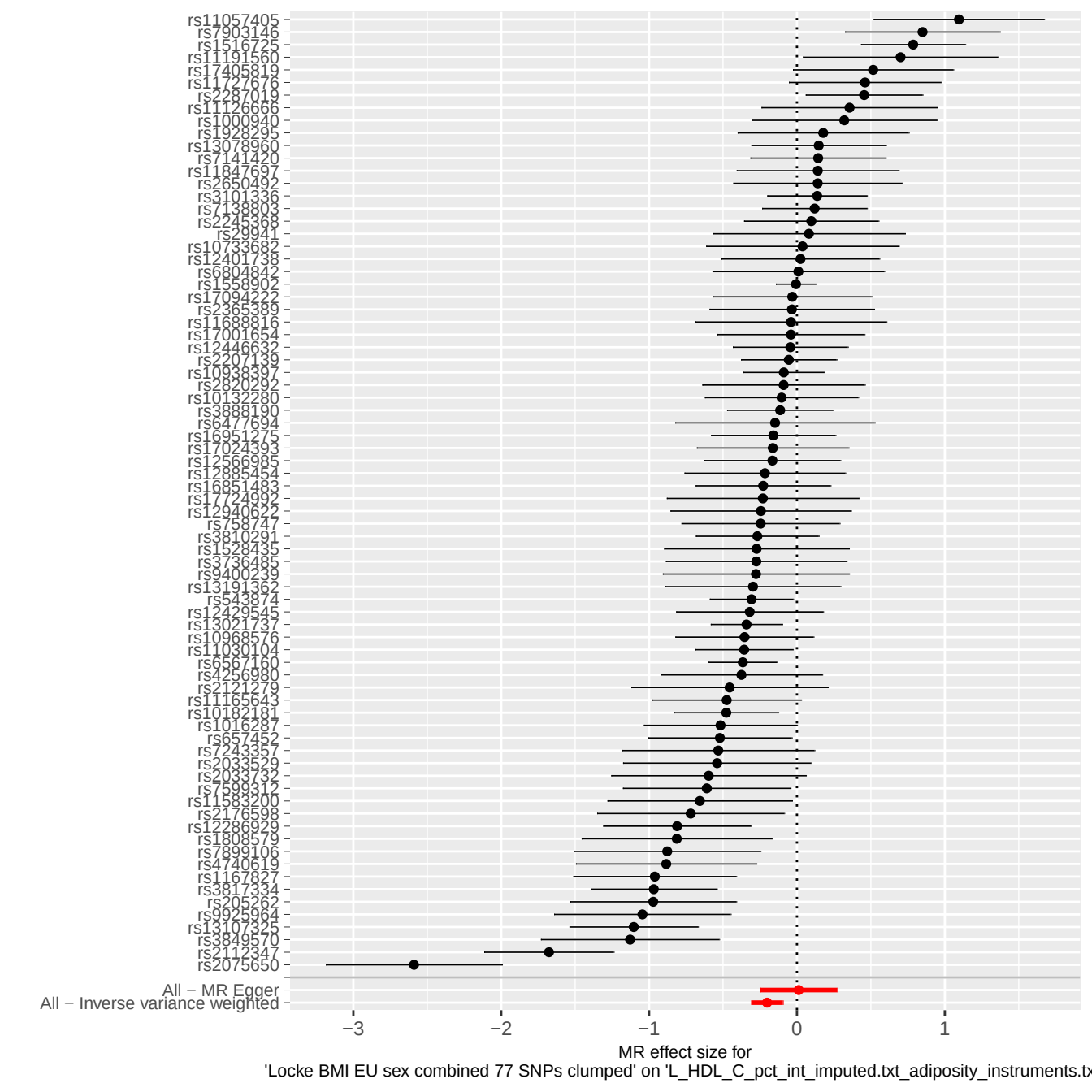

rs2075650
rs1516725
rs1000940
rs11126666
rs29941
rs3849570
rs10968576
rs2176598
rs1808579
rs10132280
rs1528435
rs6477694
rs10733682
rs11165643
rs2820292
rs2207139
rs13078960
rs16851483
rs1558902
rs2033732
rs10938397
rs2112347
rs11057405
rs17405819
rs3101336
rs6804842
rs543874
rs2365389
rs7903146
rs1167827
rs7243357
rs17001654
rs12286929
rs2245368
rs1928295
rs12446632
rs11727676
rs7599312
rs9925964
rs13161362
rs4256980
rs17094222
rs7141420
rs3888190
rs12885454
rs13021737
rs3736485
rs657452
rs6567160
rs17024393
rs11583200
rs16951275
rs12940622
rs7899106
rs7138803
rs12401738
rs12566985
rs10182181
rs4740619
rs2033529
rs9400239
rs3810291
rs2650492
rs11191560
rs1016287
rs758747
rs11847697
rs12429545
rs11030104
rs17724992
rs2121279
rs2287019
rs13107325
rs205262
rs3817334
rs11688816
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
3
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_TG_pct_int_imputed.txt_adiposity_instruments.

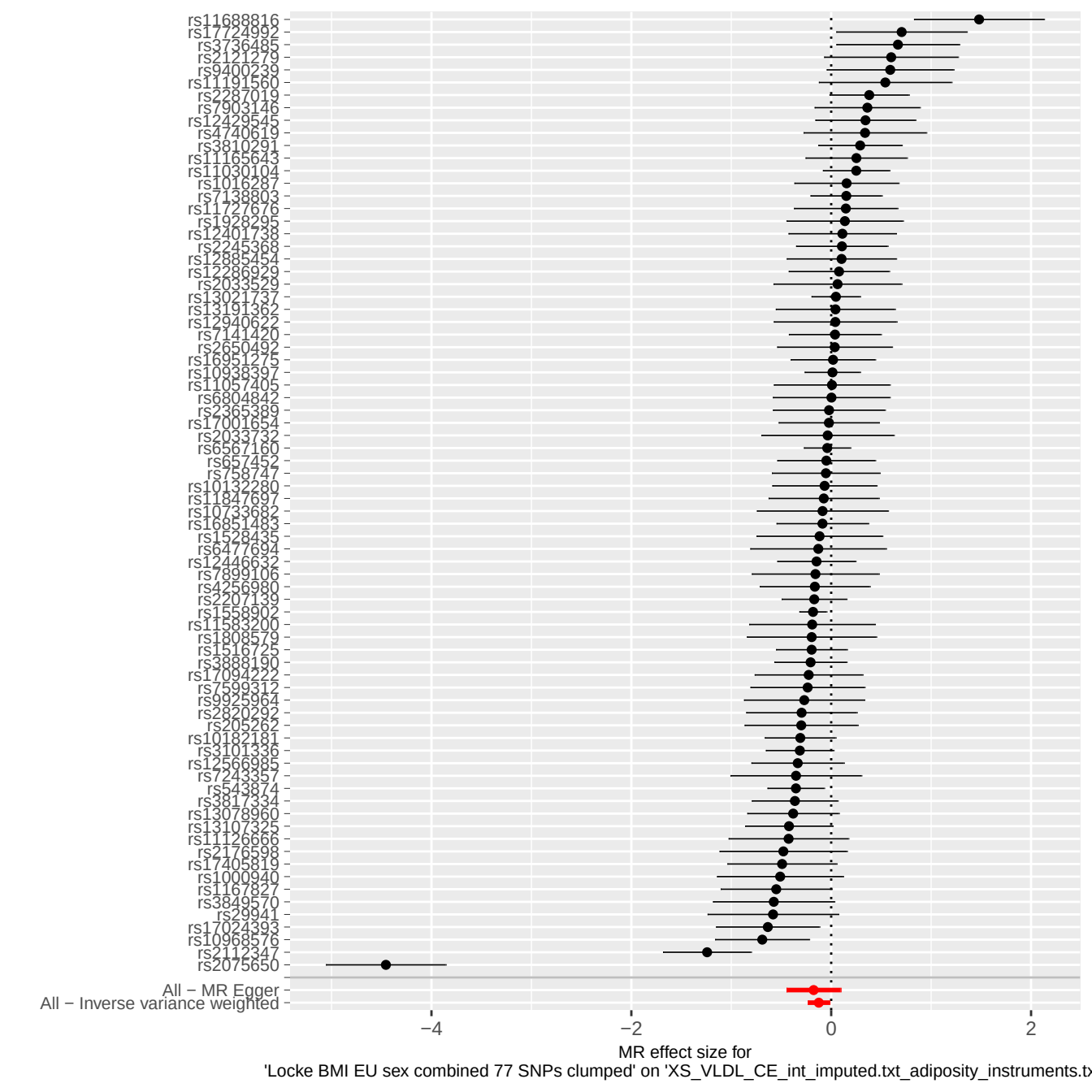

rs11688816
rs2287019
rs11191560
rs3736485
rs7903146
rs17724992
rs2121279
rs12401738
rs9400239
rs11165643
rs6804842
rs12885454
rs10938397
rs16951275
rs657452
rs3810291
rs11030104
rs2245368
rs12286929
rs7141420
rs11847697
rs13191362
rs1928295
rs11057405
rs4740619
rs4256980
rs1516725
rs7599312
rs2207139
rs12429545
rs758747
rs13021737
rs1528435
rs1808579
rs17405819
rs12446632
rs17094222
rs11727676
rs1016287
rs11583200
rs2365389
rs10733682
rs17001654
rs10132280
rs7138803
rs1558902
rs6567160
rs2033732
rs2650492
rs3101336
rs9925964
rs3888190
rs2820292
rs13078960
rs12940622
rs11126666
rs2033529
rs16851483
rs543874
rs7899106
rs10182181
rs12566985
rs1000940
rs6477694
rs2176598
rs29941
rs3817334
rs10968576
rs205262
rs7243357
rs3849570
rs13107325
rs1167827
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−7.5
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_FC_int_imputed.txt_adiposity_instruments.txt'

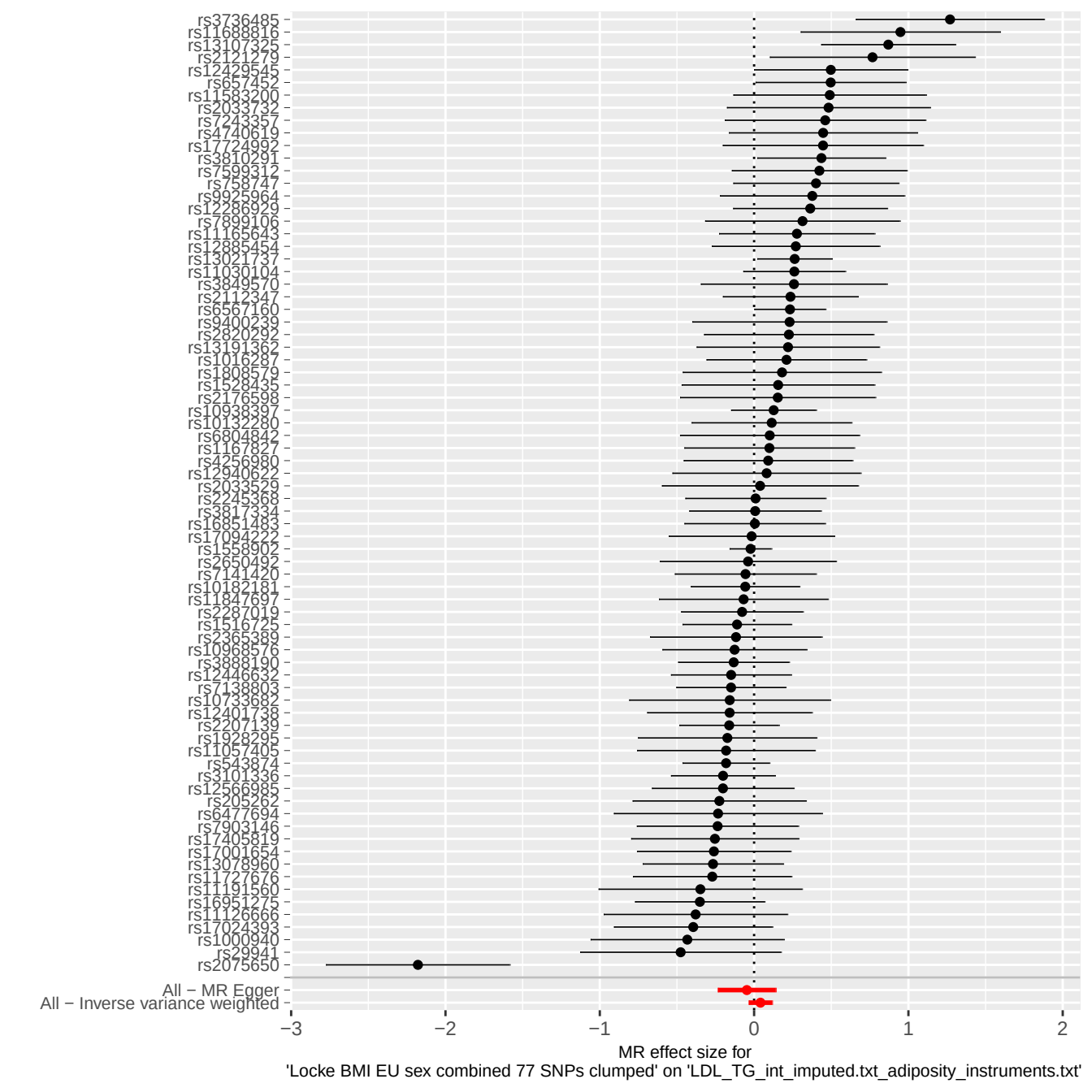

rs12401738
rs2112347
rs1000940
rs2121279
rs9400239
rs11688816
rs17724992
rs3849570
rs3736485
rs10968576
rs11583200
rs17094222
rs9925964
rs3810291
rs12429545
rs13107325
rs657452
rs6567160
rs10733682
rs2075650
rs12286929
rs16951275
rs7599312
rs205262
rs7138803
rs4740619
rs12940622
rs12885454
rs11030104
rs543874
rs2033732
rs7243357
rs1558902
rs2245368
rs1016287
rs12446632
rs6477694
rs2207139
rs13078960
rs13021737
rs3101336
rs13191362
rs12566985
rs3817334
rs10938397
rs7899106
rs11126666
rs2365389
rs11165643
rs2176598
rs11847697
rs2650492
rs4256980
rs16851483
rs10182181
rs1928295
rs17024393
rs1808579
rs2820292
rs11191560
rs1528435
rs1167827
rs7141420
rs758747
rs2033529
rs11057405
rs11727676
rs3888190
rs7903146
rs29941
rs17001654
rs17405819
rs10132280
rs2287019
rs1516725
rs6804842
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'Creatinine_int_imputed.txt_adiposity_instruments.txt'

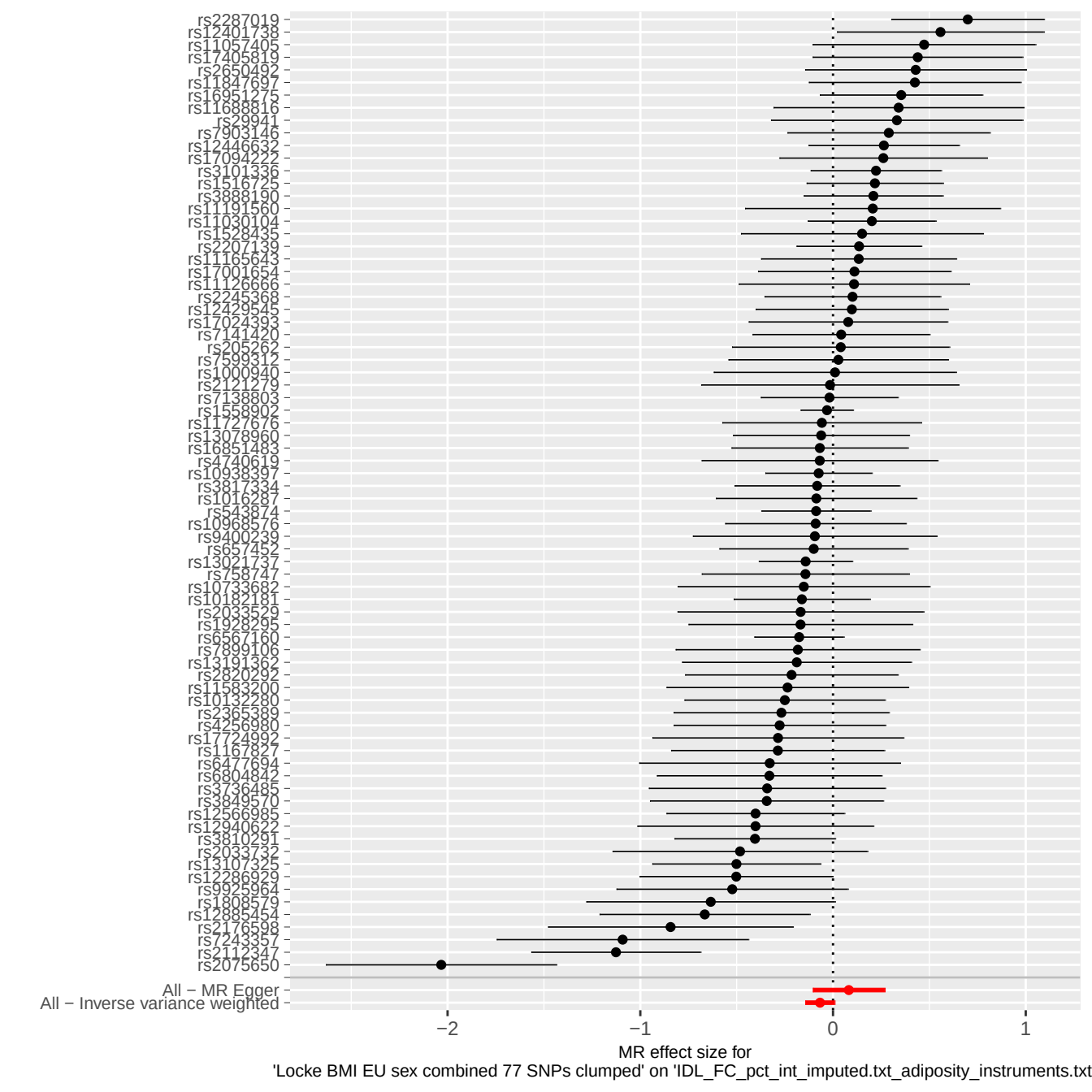

rs2075650
rs13107325
rs3817334
rs7243357
rs2033529
rs17024393
rs3849570
rs2112347
rs16851483
rs2033732
rs2650492
rs2176598
rs17724992
rs205262
rs10968576
rs2121279
rs10132280
rs12429545
rs1167827
rs17405819
rs3810291
rs12940622
rs6477694
rs758747
rs9400239
rs10182181
rs7138803
rs9925964
rs2820292
rs4256980
rs6567160
rs13191362
rs7899106
rs3888190
rs11688816
rs4740619
rs12566985
rs17001654
rs17094222
rs7141420
rs543874
rs12401738
rs11847697
rs1016287
rs13021737
rs12286929
rs657452
rs1558902
rs1928295
rs12885454
rs2365389
rs1808579
rs3101336
rs13078960
rs10938397
rs6804842
rs2245368
rs11191560
rs16951275
rs1000940
rs11126666
rs12446632
rs11583200
rs11057405
rs11030104
rs2207139
rs1516725
rs29941
rs11727676
rs1528435
rs3736485
rs7599312
rs11165643
rs2287019
rs7903146
rs10733682
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_PL_pct_int_imputed.txt_adiposity_instruments

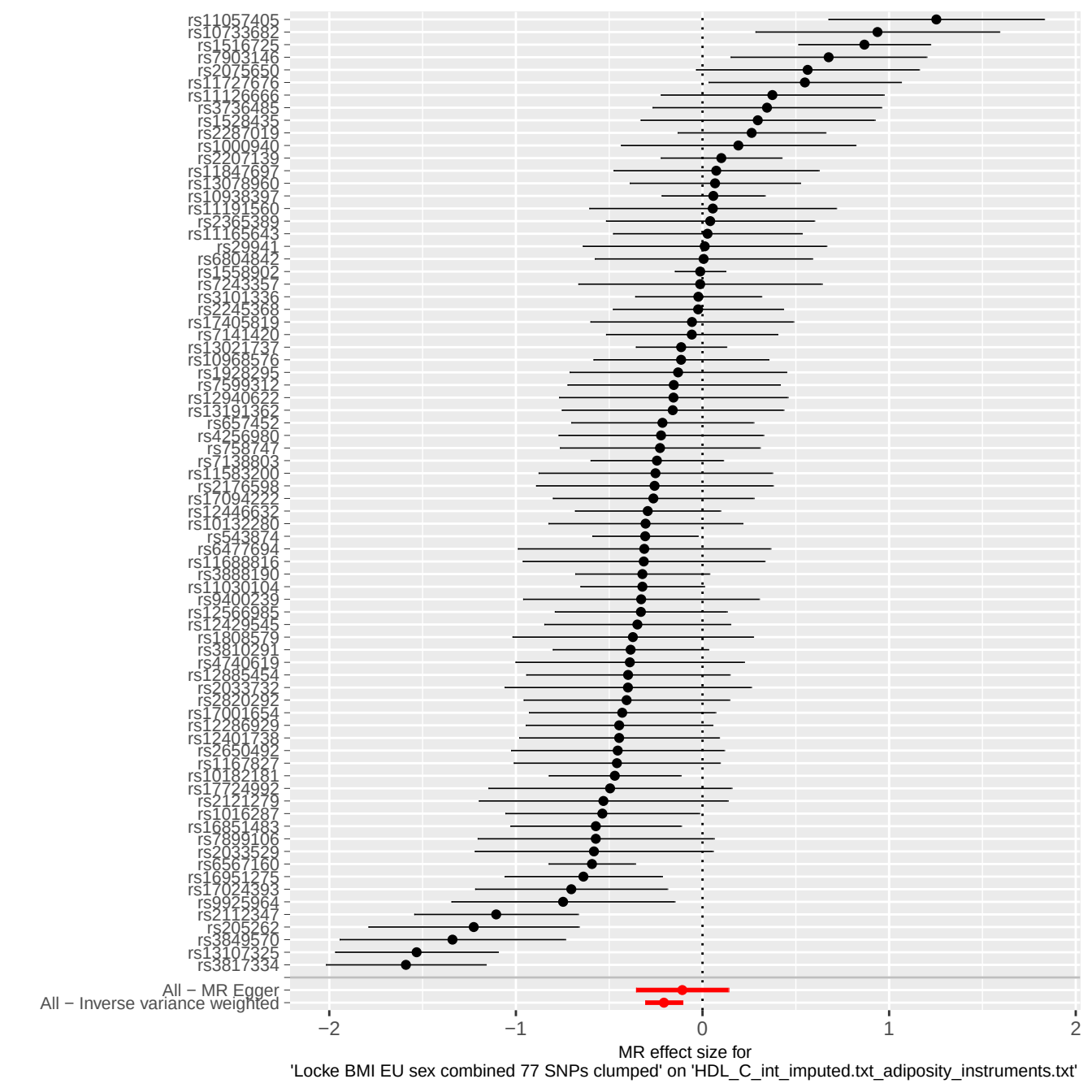

rs11688816
rs9925964
rs3849570
rs13107325
rs3736485
rs17724992
rs2121279
rs1808579
rs12885454
rs4740619
rs657452
rs7899106
rs6567160
rs1167827
rs2820292
rs2033732
rs11583200
rs11165643
rs12286929
rs205262
rs3810291
rs11030104
rs1016287
rs2112347
rs7599312
rs16951275
rs7243357
rs9400239
rs12940622
rs2176598
rs758747
rs16851483
rs2033529
rs10132280
rs12429545
rs3817334
rs10938397
rs12401738
rs4256980
rs17001654
rs13021737
rs1528435
rs13191362
rs6804842
rs17094222
rs1928295
rs543874
rs7138803
rs10182181
rs1558902
rs7141420
rs10968576
rs11847697
rs12446632
rs3888190
rs2245368
rs2207139
rs2365389
rs2650492
rs12566985
rs6477694
rs11191560
rs13078960
rs11126666
rs3101336
rs2287019
rs29941
rs17024393
rs17405819
rs1516725
rs1000940
rs10733682
rs7903146
rs11727676
rs11057405
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_VLDL_P_int_imputed.txt_adiposity_instruments.txt'

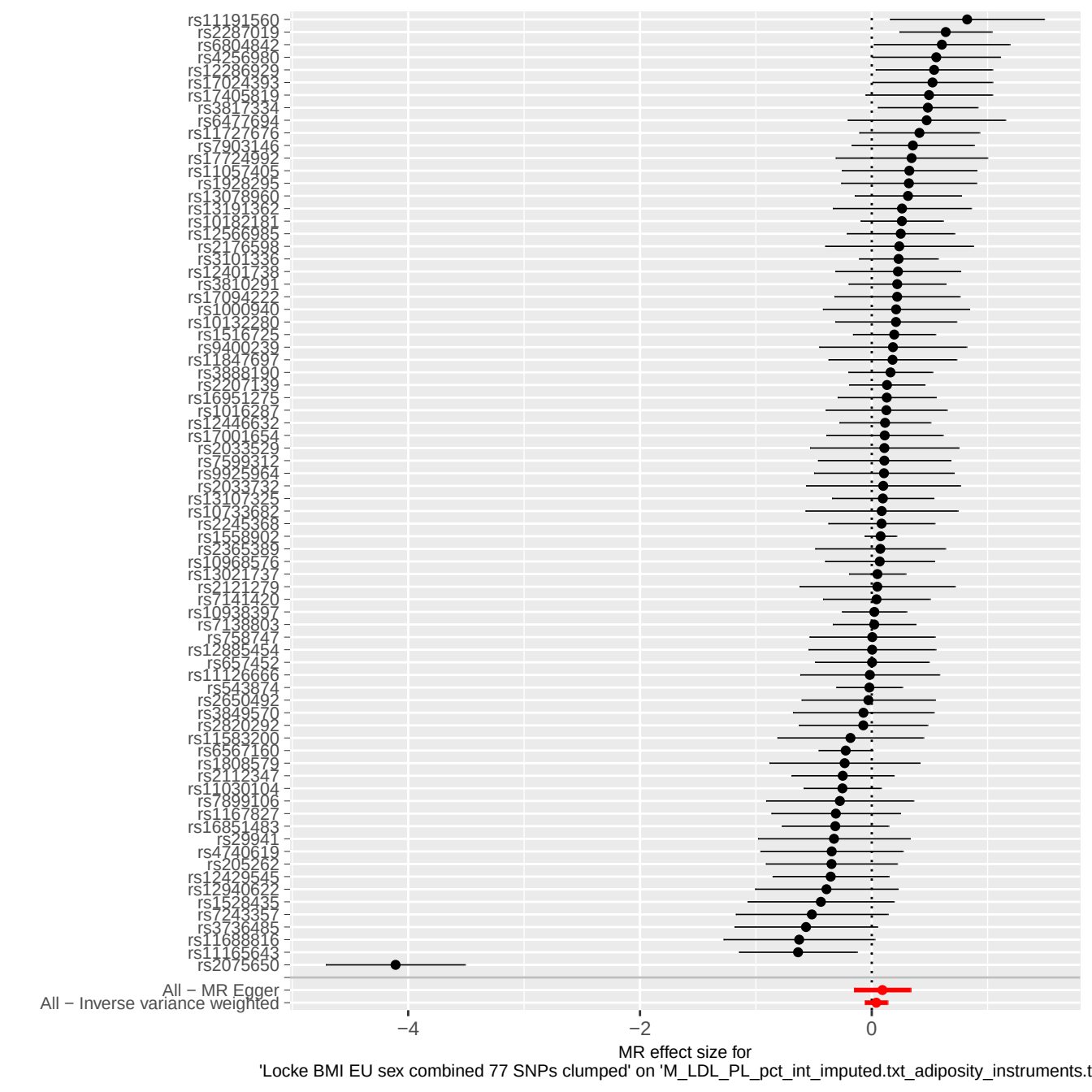

rs11057405
rs7903146
rs1516725
rs11191560
rs17405819
rs11727676
rs2287019
rs11126666
rs1000940
rs1928295
rs13078960
rs7141420
rs11847697
rs2650492
rs3101336
rs7138803
rs2245368
rs29941
rs10733682
rs12401738
rs6804842
rs1558902
rs17094222
rs2365389
rs11688816
rs17001654
rs12446632
rs2207139
rs10938397
rs2820292
rs10132280
rs3888190
rs6477694
rs16951275
rs17024393
rs12566985
rs12885454
rs16851483
rs17724992
rs12940622
rs758747
rs3810291
rs1528435
rs3736485
rs9400239
rs13191362
rs543874
rs12429545
rs13021737
rs10968576
rs11030104
rs6567160
rs4256980
rs2121279
rs11165643
rs10182181
rs1016287
rs657452
rs7243357
rs2033529
rs2033732
rs7599312
rs11583200
rs2176598
rs12286929
rs1808579
rs7899106
rs4740619
rs1167827
rs3817334
rs205262
rs9925964
rs13107325
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_C_pct_int_imputed.txt_adiposity_instruments.tx

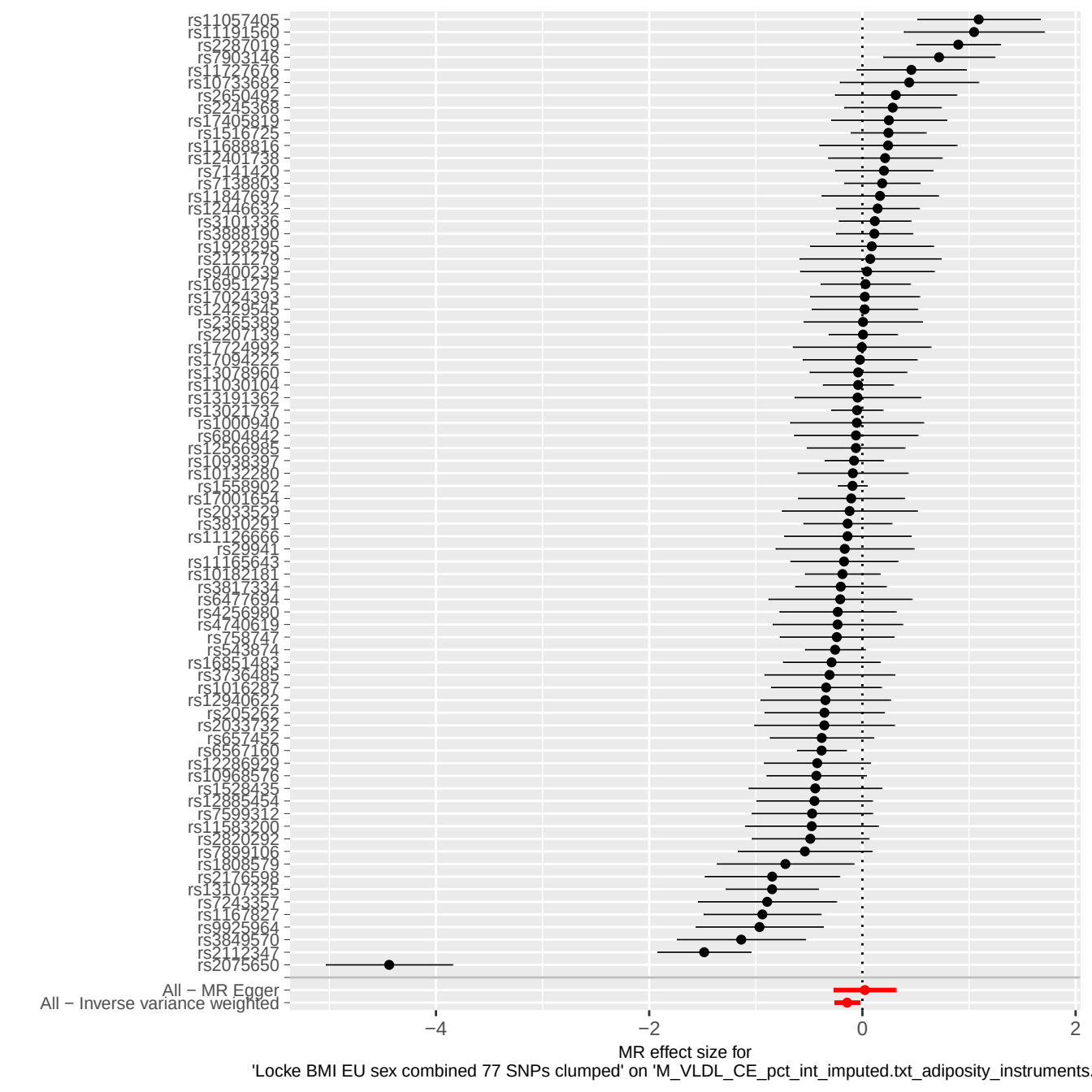

rs11688816
rs17724992
rs3736485
rs2121279
rs9400239
rs11191560
rs2287019
rs7903146
rs12429545
rs4740619
rs3810291
rs11165643
rs11030104
rs1016287
rs7138803
rs11727676
rs1928295
rs12401738
rs2245368
rs12885454
rs12286929
rs2033529
rs13021737
rs13191362
rs12940622
rs7141420
rs2650492
rs16951275
rs10938397
rs11057405
rs6804842
rs2365389
rs17001654
rs2033732
rs6567160
rs657452
rs758747
rs10132280
rs11847697
rs10733682
rs16851483
rs1528435
rs6477694
rs12446632
rs7899106
rs4256980
rs2207139
rs1558902
rs11583200
rs1808579
rs1516725
rs3888190
rs17094222
rs7599312
rs9925964
rs2820292
rs205262
rs10182181
rs3101336
rs12566985
rs7243357
rs543874
rs3817334
rs13078960
rs13107325
rs11126666
rs2176598
rs17405819
rs1000940
rs1167827
rs3849570
rs29941
rs17024393
rs10968576
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XS_VLDL_CE_int_imputed.txt_adiposity_instruments.tx

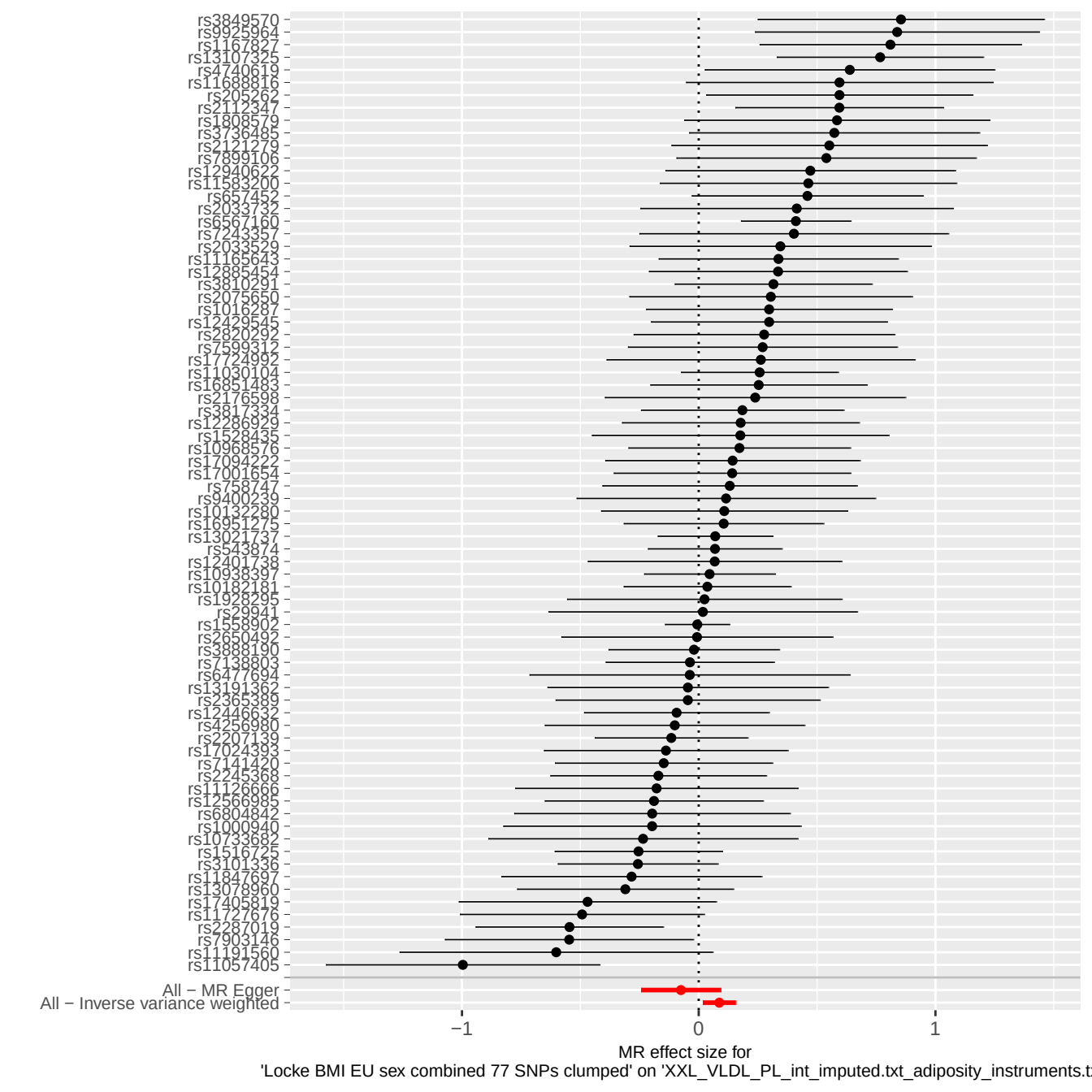

rs3736485
rs11688816
rs13107325
rs2121279
rs12429545
rs657452
rs11583200
rs2033732
rs7243357
rs4740619
rs17724992
rs3810291
rs7599312
rs758747
rs9925964
rs12286929
rs7899106
rs11165643
rs12885454
rs13021737
rs11030104
rs3849570
rs2112347
rs6567160
rs9400239
rs2820292
rs13191362
rs1016287
rs1808579
rs1528435
rs2176598
rs10938397
rs10132280
rs6804842
rs1167827
rs4256980
rs12940622
rs2033529
rs2245368
rs3817334
rs16851483
rs17094222
rs1558902
rs2650492
rs7141420
rs10182181
rs11847697
rs2287019
rs1516725
rs2365389
rs10968576
rs3888190
rs12446632
rs7138803
rs10733682
rs12401738
rs2207139
rs1928295
rs11057405
rs543874
rs3101336
rs12566985
rs205262
rs6477694
rs7903146
rs17405819
rs17001654
rs13078960
rs11727676
rs11191560
rs16951275
rs11126666
rs17024393
rs1000940
rs29941
rs2075650
All − MR Egger
All − Inverse variance weighted
−3
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'LDL_TG_int_imputed.txt_adiposity_instruments.txt'

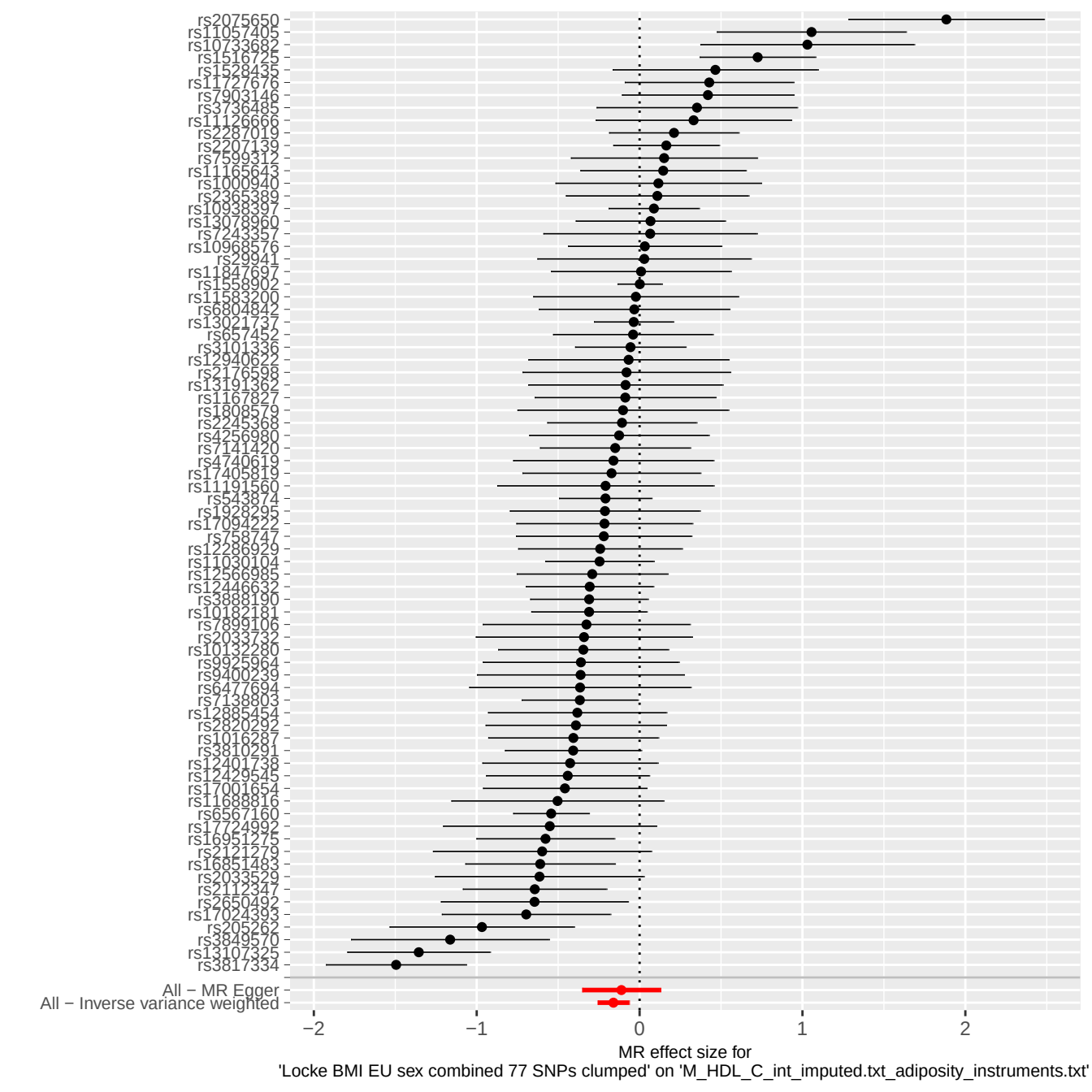

rs2287019
rs12401738
rs11057405
rs17405819
rs2650492
rs11847697
rs16951275
rs11688816
rs29941
rs7903146
rs12446632
rs17094222
rs3101336
rs1516725
rs3888190
rs11191560
rs11030104
rs1528435
rs2207139
rs11165643
rs17001654
rs11126666
rs2245368
rs12429545
rs17024393
rs7141420
rs205262
rs7599312
rs1000940
rs2121279
rs7138803
rs1558902
rs11727676
rs13078960
rs16851483
rs4740619
rs10938397
rs3817334
rs1016287
rs543874
rs10968576
rs9400239
rs657452
rs13021737
rs758747
rs10733682
rs10182181
rs2033529
rs1928295
rs6567160
rs7899106
rs13191362
rs2820292
rs11583200
rs10132280
rs2365389
rs4256980
rs17724992
rs1167827
rs6477694
rs6804842
rs3736485
rs3849570
rs12566985
rs12940622
rs3810291
rs2033732
rs13107325
rs12286929
rs9925964
rs1808579
rs12885454
rs2176598
rs7243357
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_FC_pct_int_imputed.txt_adiposity_instruments.txt

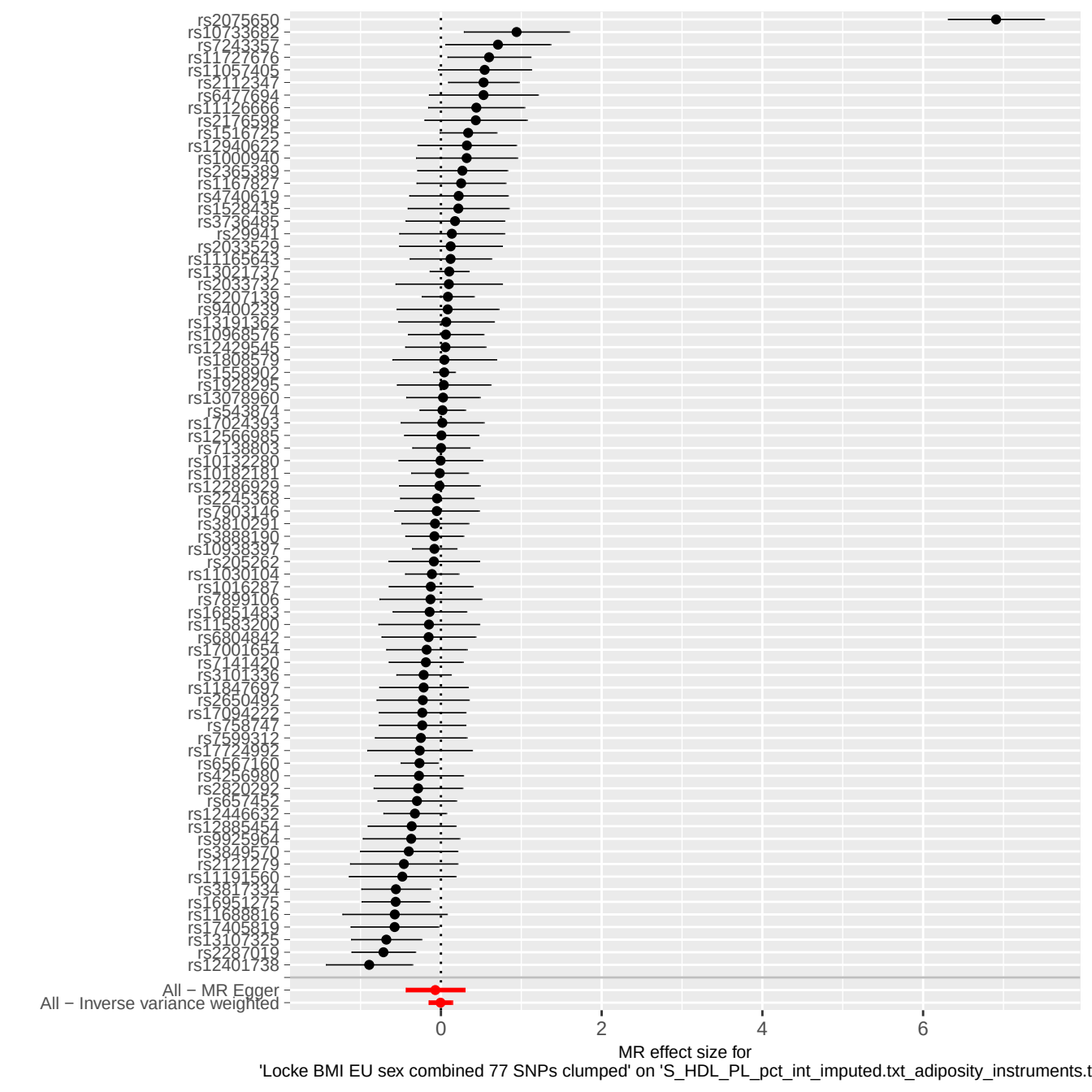

rs11057405
rs10733682
rs1516725
rs7903146
rs2075650
rs11727676
rs11126666
rs3736485
rs1528435
rs2287019
rs1000940
rs2207139
rs11847697
rs13078960
rs10938397
rs11191560
rs2365389
rs11165643
rs29941
rs6804842
rs1558902
rs7243357
rs3101336
rs2245368
rs17405819
rs7141420
rs13021737
rs10968576
rs1928295
rs7599312
rs12940622
rs13191362
rs657452
rs4256980
rs758747
rs7138803
rs11583200
rs2176598
rs17094222
rs12446632
rs10132280
rs543874
rs6477694
rs11688816
rs3888190
rs11030104
rs9400239
rs12566985
rs12429545
rs1808579
rs3810291
rs4740619
rs12885454
rs2033732
rs2820292
rs17001654
rs12286929
rs12401738
rs2650492
rs1167827
rs10182181
rs17724992
rs2121279
rs1016287
rs16851483
rs7899106
rs2033529
rs6567160
rs16951275
rs17024393
rs9925964
rs2112347
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'HDL_C_int_imputed.txt_adiposity_instruments.txt'

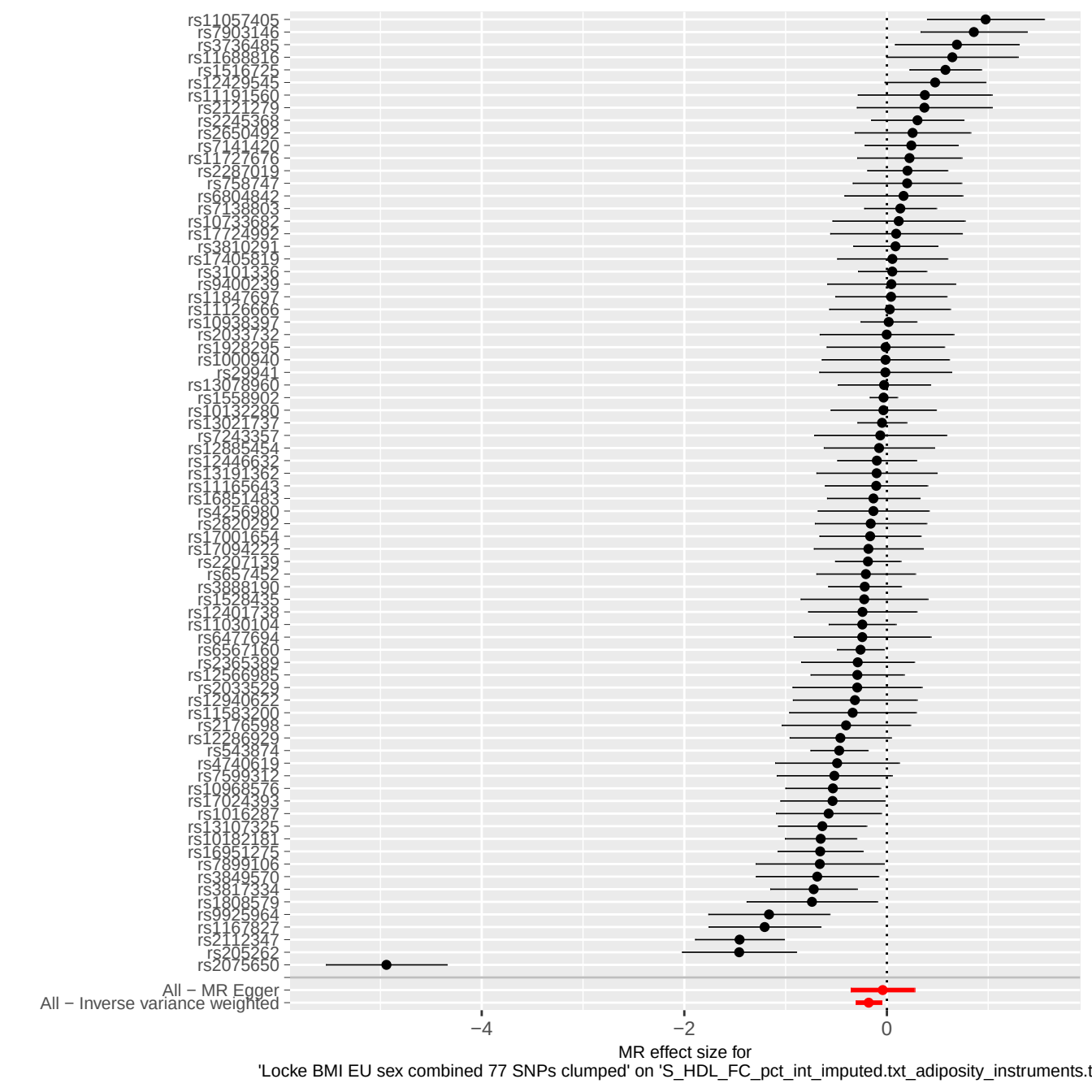

rs11191560
rs2287019
rs6804842
rs4256980
rs12286929
rs17024393
rs17405819
rs3817334
rs6477694
rs11727676
rs7903146
rs17724992
rs11057405
rs1928295
rs13078960
rs13191362
rs10182181
rs12566985
rs2176598
rs3101336
rs12401738
rs3810291
rs17094222
rs1000940
rs10132280
rs1516725
rs9400239
rs11847697
rs3888190
rs2207139
rs16951275
rs1016287
rs12446632
rs17001654
rs2033529
rs7599312
rs9925964
rs2033732
rs13107325
rs10733682
rs2245368
rs1558902
rs2365389
rs10968576
rs13021737
rs2121279
rs7141420
rs10938397
rs7138803
rs758747
rs12885454
rs657452
rs11126666
rs543874
rs2650492
rs3849570
rs2820292
rs11583200
rs6567160
rs1808579
rs2112347
rs11030104
rs7899106
rs1167827
rs16851483
rs29941
rs4740619
rs205262
rs12429545
rs12940622
rs1528435
rs7243357
rs3736485
rs11688816
rs11165643
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_LDL_PL_pct_int_imputed.txt_adiposity_instruments.t

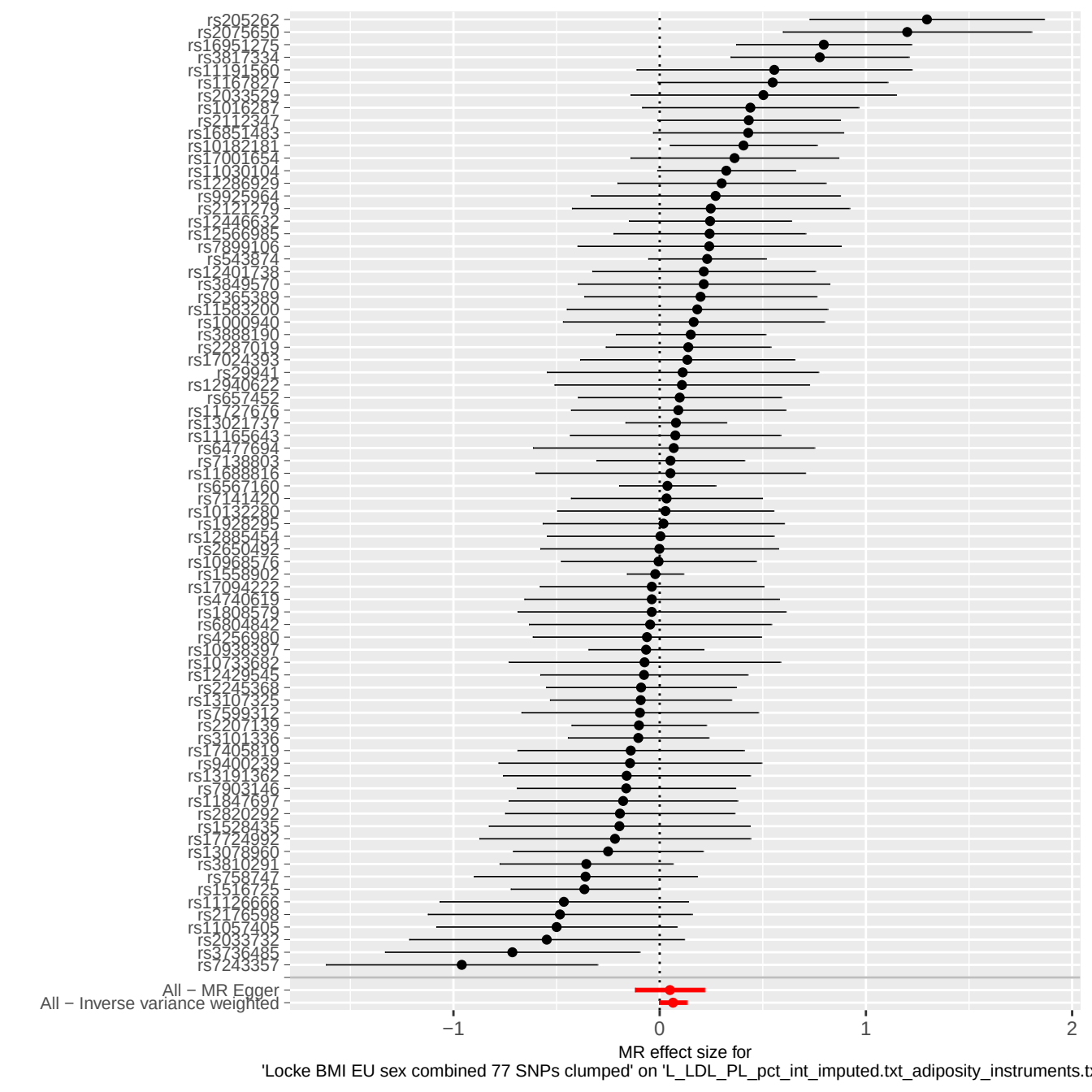

rs11057405
rs11191560
rs2287019
rs7903146
rs11727676
rs10733682
rs2650492
rs2245368
rs17405819
rs1516725
rs11688816
rs12401738
rs7141420
rs7138803
rs11847697
rs12446632
rs3101336
rs3888190
rs1928295
rs2121279
rs9400239
rs16951275
rs17024393
rs12429545
rs2365389
rs2207139
rs17724992
rs17094222
rs13078960
rs11030104
rs13191362
rs13021737
rs1000940
rs6804842
rs12566985
rs10938397
rs10132280
rs1558902
rs17001654
rs2033529
rs3810291
rs11126666
rs29941
rs11165643
rs10182181
rs3817334
rs6477694
rs4256980
rs4740619
rs758747
rs543874
rs16851483
rs3736485
rs1016287
rs12940622
rs205262
rs2033732
rs657452
rs6567160
rs12286929
rs10968576
rs1528435
rs12885454
rs7599312
rs11583200
rs2820292
rs7899106
rs1808579
rs2176598
rs13107325
rs7243357
rs1167827
rs9925964
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_CE_pct_int_imputed.txt_adiposity_instruments.

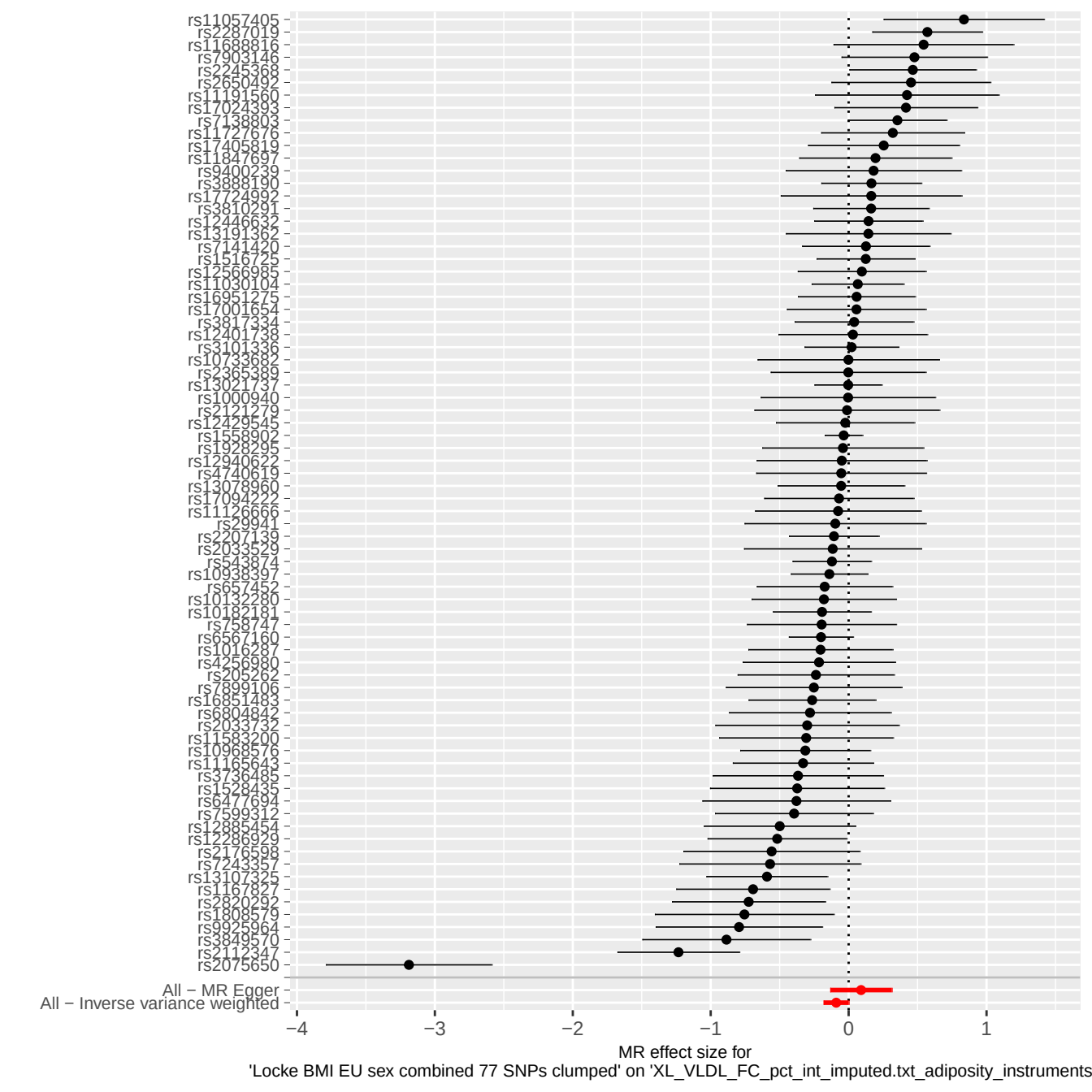

rs3849570
rs9925964
rs1167827
rs13107325
rs4740619
rs11688816
rs205262
rs2112347
rs1808579
rs3736485
rs2121279
rs7899106
rs12940622
rs11583200
rs657452
rs2033732
rs6567160
rs7243357
rs2033529
rs11165643
rs12885454
rs3810291
rs2075650
rs1016287
rs12429545
rs2820292
rs7599312
rs17724992
rs11030104
rs16851483
rs2176598
rs3817334
rs12286929
rs1528435
rs10968576
rs17094222
rs17001654
rs758747
rs8400239
rs10132280
rs16951275
rs13021737
rs543874
rs12401738
rs10938397
rs10182181
rs1928295
rs29941
rs1558902
rs2650492
rs3888190
rs7138803
rs6477694
rs13191362
rs2365389
rs12446632
rs4256980
rs2207139
rs17024393
rs7141420
rs2245368
rs11126666
rs12566985
rs6804842
rs1000940
rs10733682
rs1516725
rs3101336
rs11847697
rs13078960
rs17405819
rs11727676
rs2287019
rs7903146
rs11191560
rs11057405
All − MR Egger
All − Inverse variance weighted
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XXL_VLDL_PL_int_imputed.txt_adiposity_instruments.t

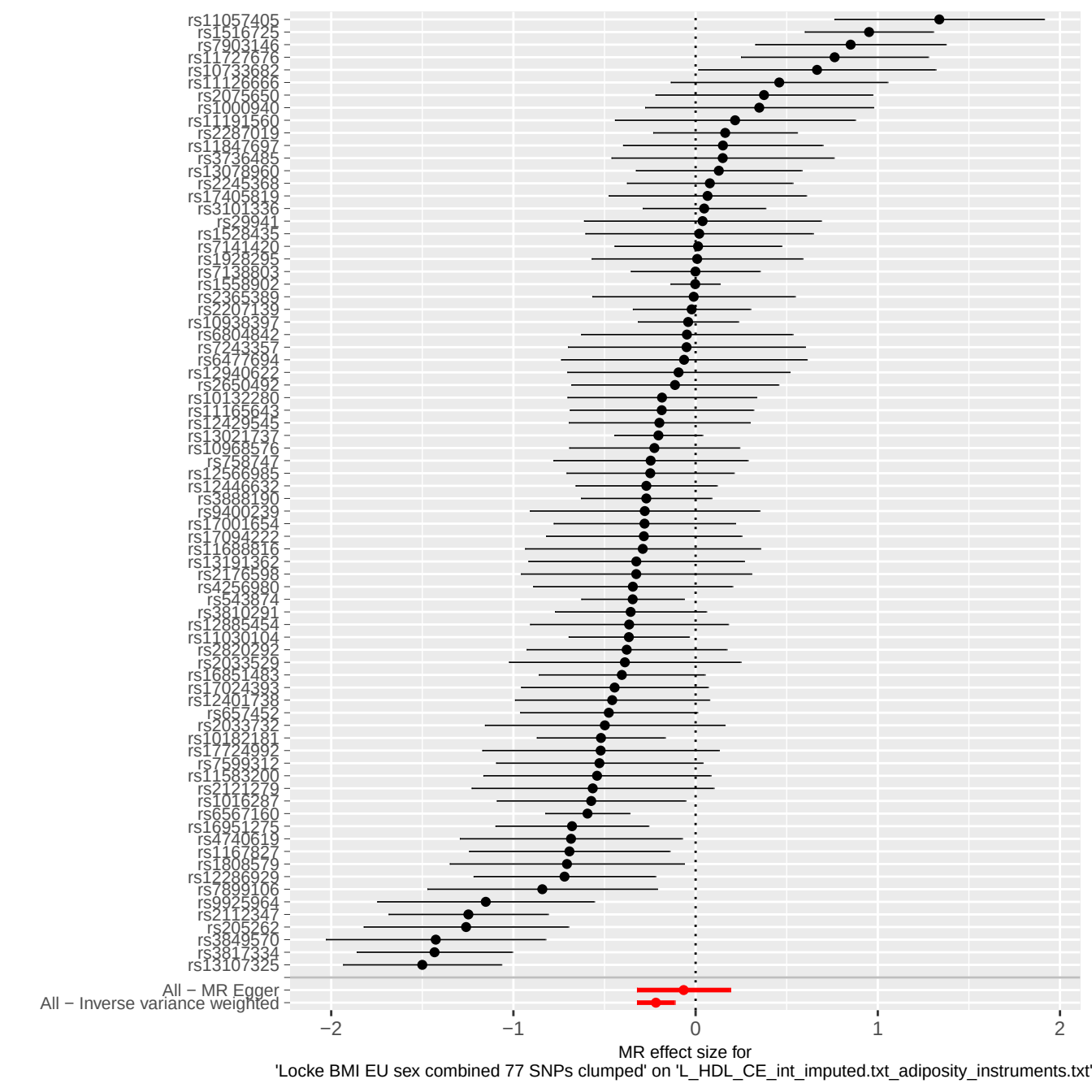

rs2075650
rs11057405
rs10733682
rs1516725
rs1528435
rs11727676
rs7903146
rs3736485
rs11126666
rs2287019
rs2207139
rs7599312
rs11165643
rs1000940
rs2365389
rs10938397
rs13078960
rs7243357
rs10968576
rs29941
rs11847697
rs1558902
rs11583200
rs6804842
rs13021737
rs657452
rs3101336
rs12940622
rs2176598
rs13191362
rs1167827
rs1808579
rs2245368
rs4256980
rs7141420
rs4740619
rs17405819
rs11191560
rs543874
rs1928295
rs17094222
rs758747
rs12286929
rs11030104
rs12566985
rs12446632
rs3888190
rs10182181
rs7899106
rs2033732
rs10132280
rs9925964
rs9400239
rs6477694
rs7138803
rs12885454
rs2820292
rs1016287
rs3810291
rs12401738
rs12429545
rs17001654
rs11688816
rs6567160
rs17724992
rs16951275
rs2121279
rs16851483
rs2033529
rs2112347
rs2650492
rs17024393
rs205262
rs3849570
rs13107325
rs3817334
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_HDL_C_int_imputed.txt_adiposity_instruments.txt'

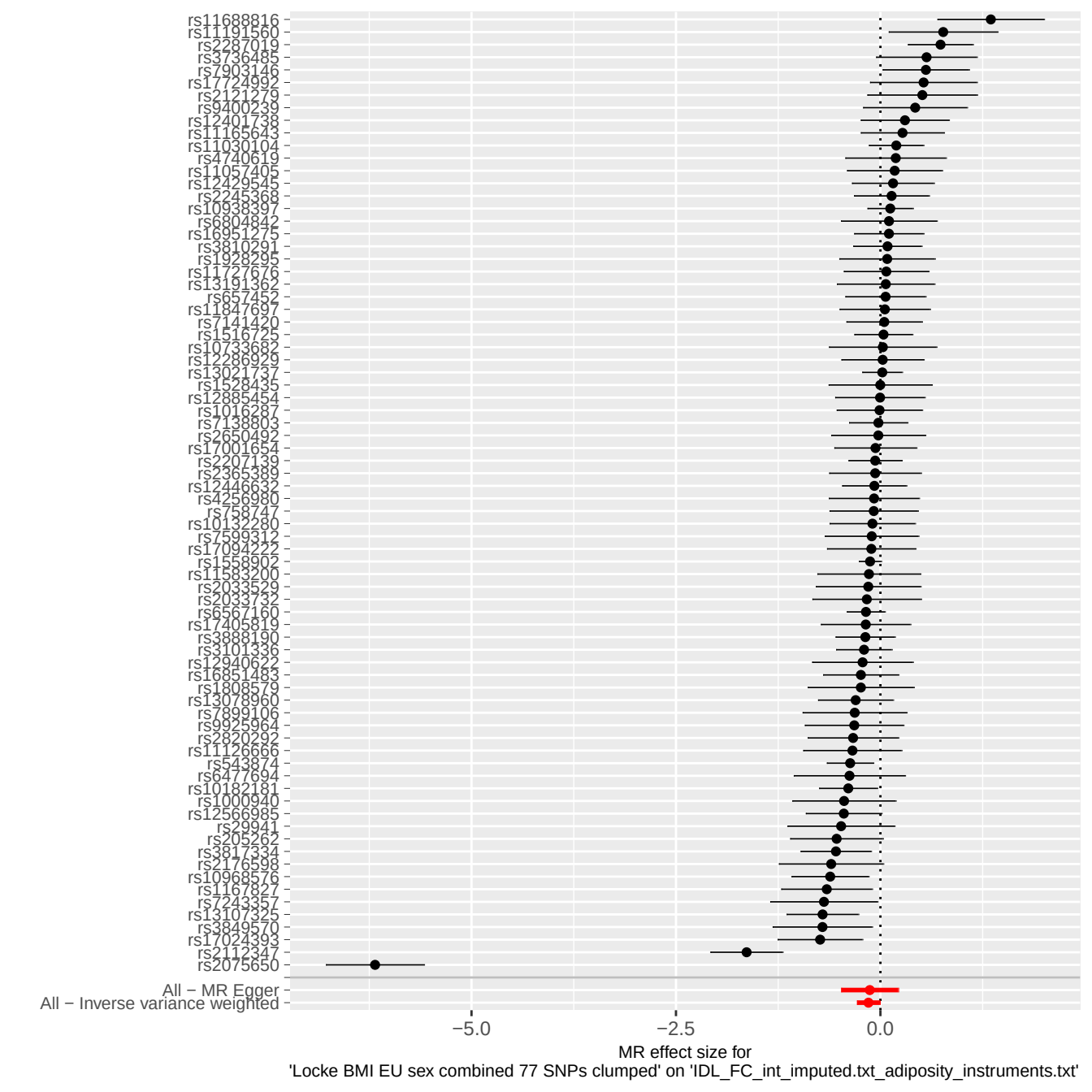

rs2075650
rs10733682
rs7243357
rs11727676
rs11057405
rs2112347
rs6477694
rs11126666
rs2176598
rs1516725
rs12940622
rs1000940
rs2365389
rs1167827
rs4740619
rs1528435
rs3736485
rs29941
rs2033529
rs11165643
rs13021737
rs2033732
rs2207139
rs9400239
rs13191362
rs10968576
rs12429545
rs1808579
rs1558902
rs1928295
rs13078960
rs543874
rs17024393
rs12566985
rs7138803
rs10132280
rs10182181
rs12286929
rs2245368
rs7903146
rs3810291
rs3888190
rs10938397
rs205262
rs11030104
rs1016287
rs7899106
rs16851483
rs11583200
rs6804842
rs17001654
rs7141420
rs3101336
rs11847697
rs2650492
rs17094222
rs758747
rs7599312
rs17724992
rs6567160
rs4256980
rs2820292
rs657452
rs12446632
rs12885454
rs9925964
rs3849570
rs2121279
rs11191560
rs3817334
rs16951275
rs11688816
rs17405819
rs13107325
rs2287019
rs12401738
All − MR Egger
All − Inverse variance weighted
0
2
4
6
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_PL_pct_int_imputed.txt_adiposity_instruments.t

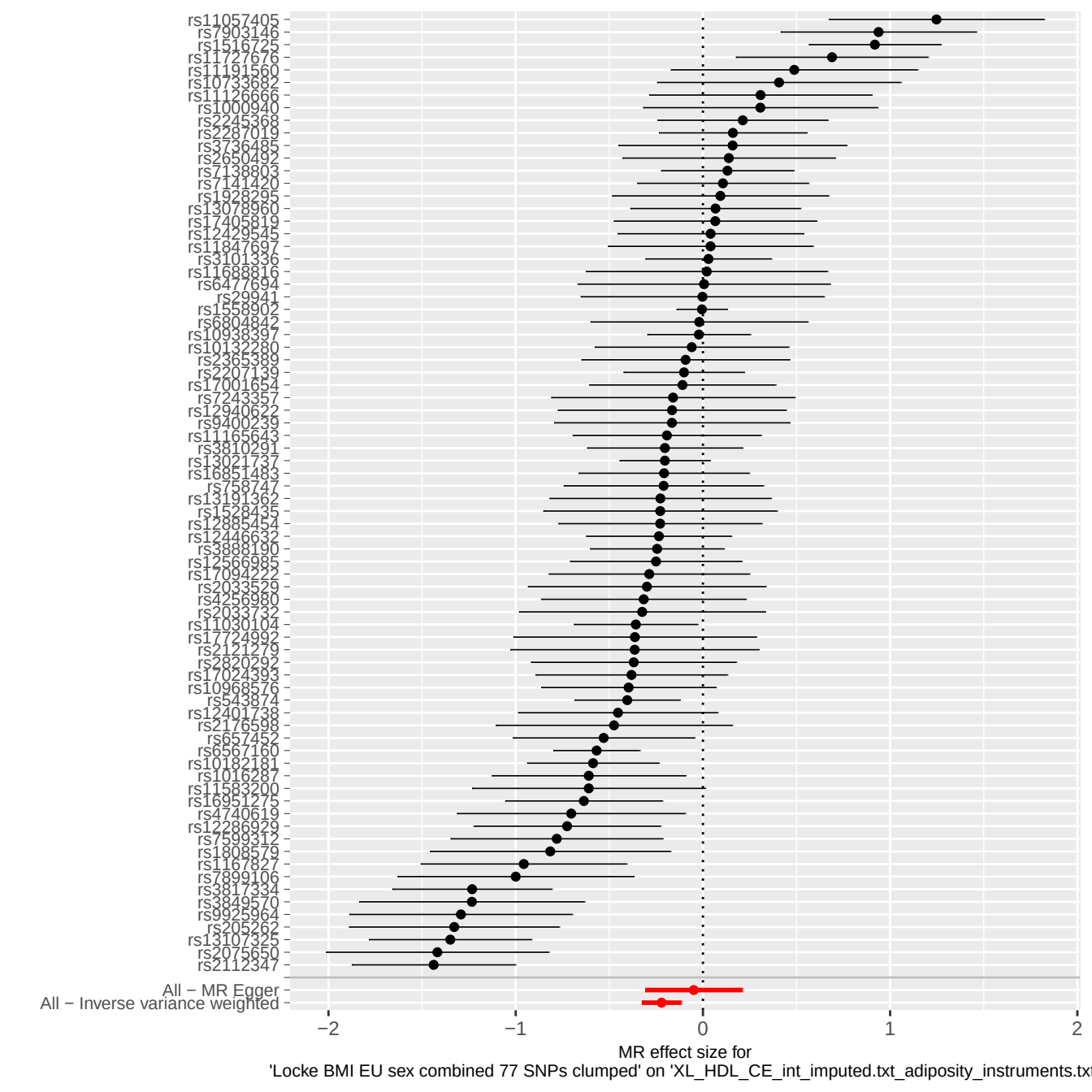

rs11057405
rs7903146
rs3736485
rs11688816
rs1516725
rs12429545
rs11191560
rs2121279
rs2245368
rs2650492
rs7141420
rs11727676
rs2287019
rs758747
rs6804842
rs7138803
rs10733682
rs17724992
rs3810291
rs17405819
rs3101336
rs9400239
rs11847697
rs11126666
rs10938397
rs2033732
rs1928295
rs1000940
rs29941
rs13078960
rs1558902
rs10132280
rs13021737
rs7243357
rs12885454
rs12446632
rs13191362
rs11165643
rs16851483
rs4256980
rs2820292
rs17001654
rs17094222
rs2207139
rs657452
rs3888190
rs1528435
rs12401738
rs11030104
rs6477694
rs6567160
rs2365389
rs12566985
rs2033529
rs12940622
rs11583200
rs2176598
rs12286929
rs543874
rs4740619
rs7599312
rs10968576
rs17024393
rs1016287
rs13107325
rs10182181
rs16951275
rs7899106
rs3849570
rs3817334
rs1808579
rs9925964
rs1167827
rs2112347
rs205262
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−2
0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'S_HDL_FC_pct_int_imputed.txt_adiposity_instruments.t

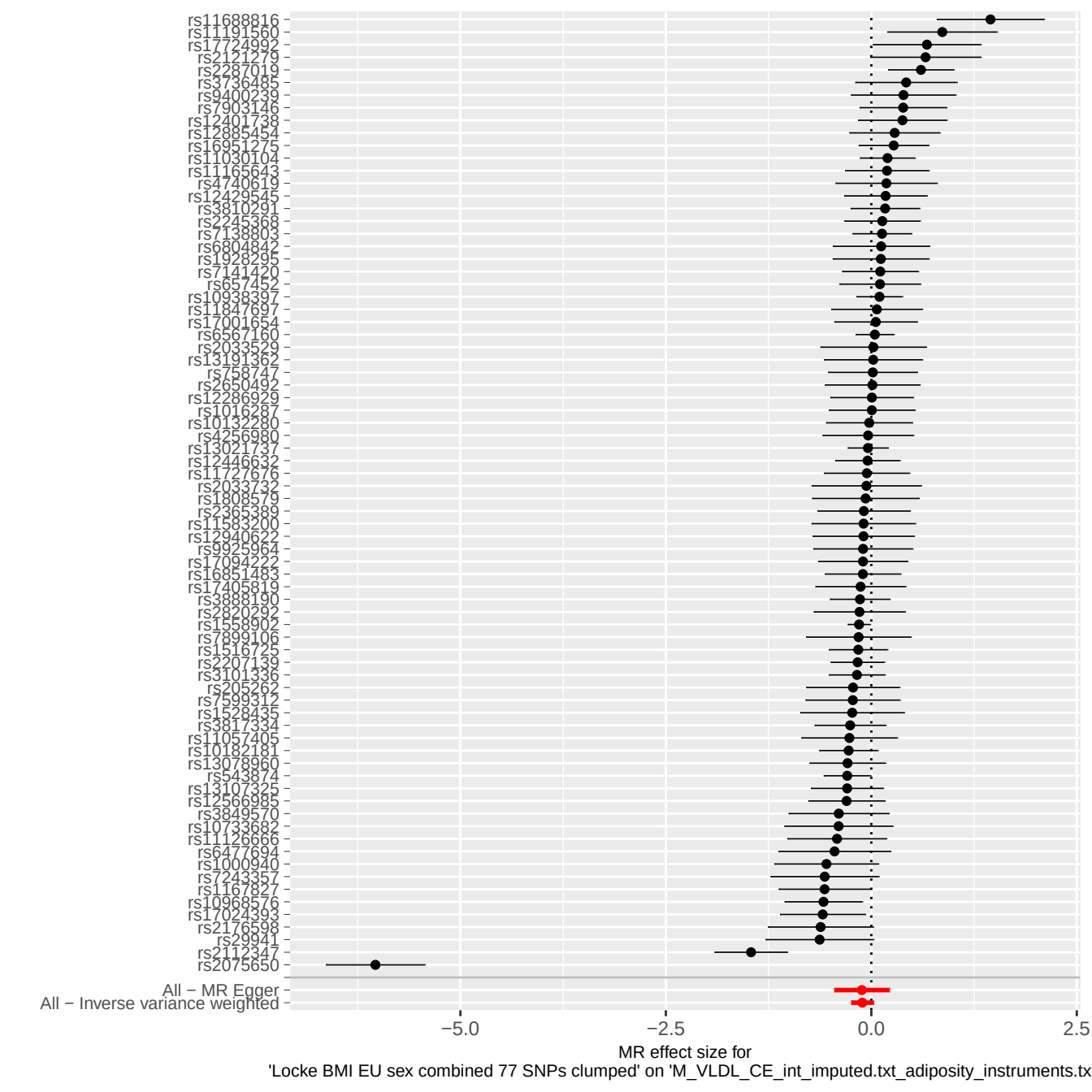

rs205262
rs2075650
rs16951275
rs3817334
rs11191560
rs1167827
rs2033529
rs1016287
rs2112347
rs16851483
rs10182181
rs17001654
rs11030104
rs12286929
rs9925964
rs2121279
rs12446632
rs12566985
rs7899106
rs543874
rs12401738
rs3849570
rs2365389
rs11583200
rs1000940
rs3888190
rs2287019
rs17024393
rs29941
rs12940622
rs657452
rs11727676
rs13021737
rs11165643
rs6477694
rs7138803
rs11688816
rs6567160
rs7141420
rs10132280
rs1928295
rs12885454
rs2650492
rs10968576
rs1558902
rs17094222
rs4740619
rs1808579
rs6804842
rs4256980
rs10938397
rs10733682
rs12429545
rs2245368
rs13107325
rs7599312
rs2207139
rs3101336
rs17405819
rs9400239
rs13191362
rs7903146
rs11847697
rs2820292
rs1528435
rs17724992
rs13078960
rs3810291
rs758747
rs1516725
rs11126666
rs2176598
rs11057405
rs2033732
rs3736485
rs7243357
All − MR Egger
All − Inverse variance weighted
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_LDL_PL_pct_int_imputed.txt_adiposity_instruments.tx


rs11057405
rs2287019
rs11688816
rs7903146
rs2245368
rs2650492
rs11191560
rs17024393
rs7138803
rs11727676
rs17405819
rs11847697
rs9400239
rs3888190
rs17724992
rs3810291
rs12446632
rs13191362
rs7141420
rs1516725
rs12566985
rs11030104
rs16951275
rs17001654
rs3817334
rs12401738
rs3101336
rs10733682
rs2365389
rs13021737
rs1000940
rs2121279
rs12429545
rs1558902
rs1928295
rs12940622
rs4740619
rs13078960
rs17094222
rs11126666
rs29941
rs2207139
rs2033529
rs543874
rs10938397
rs657452
rs10132280
rs10182181
rs758747
rs6567160
rs1016287
rs4256980
rs205262
rs7899106
rs16851483
rs6804842
rs2033732
rs11583200
rs10968576
rs11165643
rs3736485
rs1528435
rs6477694
rs7599312
rs12885454
rs12286929
rs2176598
rs7243357
rs13107325
rs1167827
rs2820292
rs1808579
rs9925964
rs3849570
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−4
−3
−2
−1
0
1
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_VLDL_FC_pct_int_imputed.txt_adiposity_instruments


rs11057405
rs1516725
rs7903146
rs11727676
rs10733682
rs11126666
rs2075650
rs1000940
rs11191560
rs2287019
rs11847697
rs3736485
rs13078960
rs2245368
rs17405819
rs3101336
rs29941
rs1528435
rs7141420
rs1928295
rs7138803
rs1558902
rs2365389
rs2207139
rs10938397
rs6804842
rs7243357
rs6477694
rs12940622
rs2650492
rs10132280
rs11165643
rs12429545
rs13021737
rs10968576
rs758747
rs12566985
rs12446632
rs3888190
rs9400239
rs17001654
rs17094222
rs11688816
rs13191362
rs2176598
rs4256980
rs543874
rs3810291
rs12885454
rs11030104
rs2820292
rs2033529
rs16851483
rs17024393
rs12401738
rs657452
rs2033732
rs10182181
rs17724992
rs7599312
rs11583200
rs2121279
rs1016287
rs6567160
rs16951275
rs4740619
rs1167827
rs1808579
rs12286929
rs7899106
rs9925964
rs2112347
rs205262
rs3849570
rs3817334
rs13107325
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'L_HDL_CE_int_imputed.txt_adiposity_instruments.txt'


rs11688816
rs11191560
rs2287019
rs3736485
rs7903146
rs17724992
rs2121279
rs9400239
rs12401738
rs11165643
rs11030104
rs4740619
rs11057405
rs12429545
rs2245368
rs10938397
rs6804842
rs16951275
rs3810291
rs1928295
rs11727676
rs13191362
rs657452
rs11847697
rs7141420
rs1516725
rs10733682
rs12286929
rs13021737
rs1528435
rs12885454
rs1016287
rs7138803
rs2650492
rs17001654
rs2207139
rs2365389
rs12446632
rs4256980
rs758747
rs10132280
rs7599312
rs17094222
rs1558902
rs11583200
rs2033529
rs2033732
rs6567160
rs17405819
rs3888190
rs3101336
rs12940622
rs16851483
rs1808579
rs13078960
rs7899106
rs9925964
rs2820292
rs11126666
rs543874
rs6477694
rs10182181
rs1000940
rs12566985
rs29941
rs205262
rs3817334
rs2176598
rs10968576
rs1167827
rs7243357
rs13107325
rs3849570
rs17024393
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'IDL_FC_int_imputed.txt_adiposity_instruments.txt'


rs11057405
rs7903146
rs1516725
rs11727676
rs11191560
rs10733682
rs11126666
rs1000940
rs2245368
rs2287019
rs3736485
rs2650492
rs7138803
rs7141420
rs1928295
rs13078960
rs17405819
rs12429545
rs11847697
rs3101336
rs11688816
rs6477694
rs29941
rs1558902
rs6804842
rs10938397
rs10132280
rs2365389
rs2207139
rs17001654
rs7243357
rs12940622
rs9400239
rs11165643
rs3810291
rs13021737
rs16851483
rs758747
rs13191362
rs1528435
rs12885454
rs12446632
rs3888190
rs12566985
rs17094222
rs2033529
rs4256980
rs2033732
rs11030104
rs17724992
rs2121279
rs2820292
rs17024393
rs10968576
rs543874
rs12401738
rs2176598
rs657452
rs6567160
rs10182181
rs1016287
rs11583200
rs16951275
rs4740619
rs12286929
rs7599312
rs1808579
rs1167827
rs7899106
rs3817334
rs3849570
rs9925964
rs205262
rs13107325
rs2075650
rs2112347
All − MR Egger
All − Inverse variance weighted
−2
−1
0
1
2
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'XL_HDL_CE_int_imputed.txt_adiposity_instruments.txt


rs11688816
rs11191560
rs17724992
rs2121279
rs2287019
rs3736485
rs9400239
rs7903146
rs12401738
rs12885454
rs16951275
rs11030104
rs11165643
rs4740619
rs12429545
rs3810291
rs2245368
rs7138803
rs6804842
rs1928295
rs7141420
rs6574525
rs10938397
rs11847697
rs17001654
rs6567160
rs2033529
rs13191362
rs758747
rs2650492
rs12286929
rs1016287
rs10132280
rs4256980
rs13021737
rs12446632
rs11727676
rs2033732
rs1808579
rs2365389
rs11583200
rs12940622
rs9925964
rs17094222
rs16851483
rs17405819
rs3888190
rs2820292
rs1558902
rs7899106
rs1516725
rs2207139
rs3101336
rs205262
rs7599312
rs1528435
rs3817334
rs11057405
rs10182181
rs13078960
rs543874
rs13107325
rs12566985
rs3849570
rs10733682
rs11126666
rs6477694
rs1000940
rs7243357
rs1167827
rs10968576
rs17024393
rs2176598
rs29941
rs2112347
rs2075650
All − MR Egger
All − Inverse variance weighted
−5.0
−2.5
0.0
2.5
MR effect size for
'Locke BMI EU sex combined 77 SNPs clumped' on 'M_VLDL_CE_int_imputed.txt_adiposity_instruments.tx