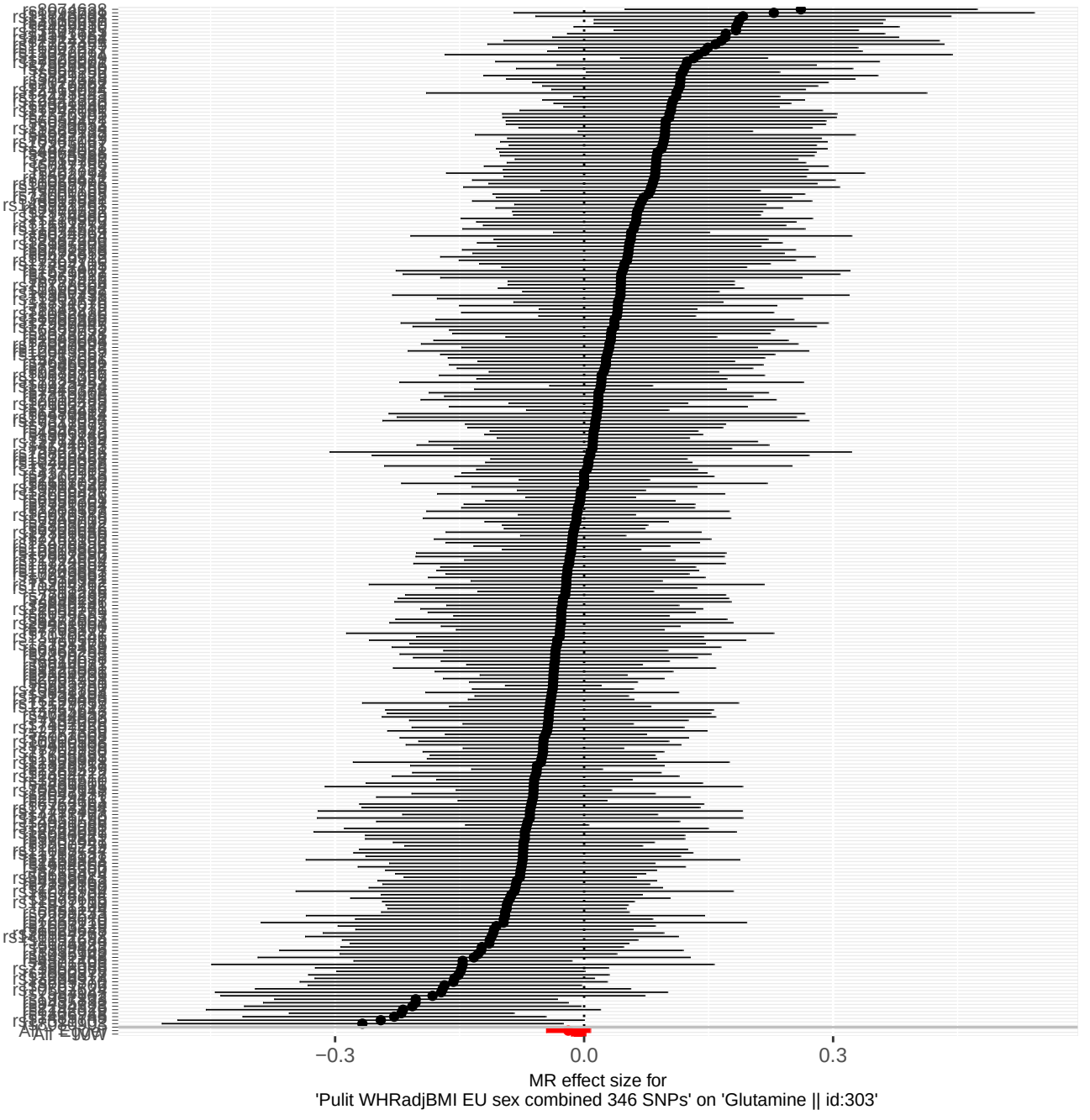
−0.3
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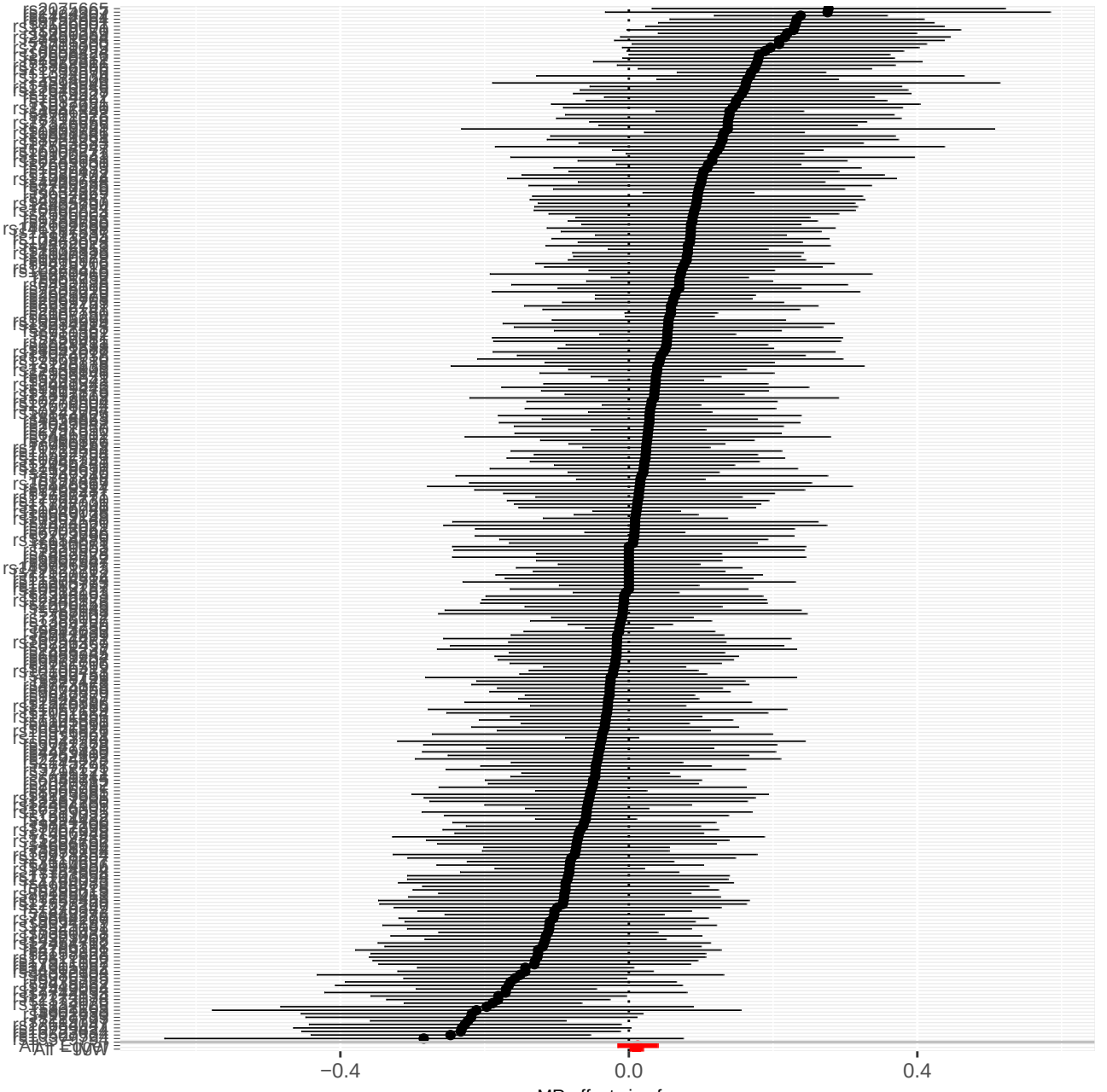
0.3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glutamine || id:303'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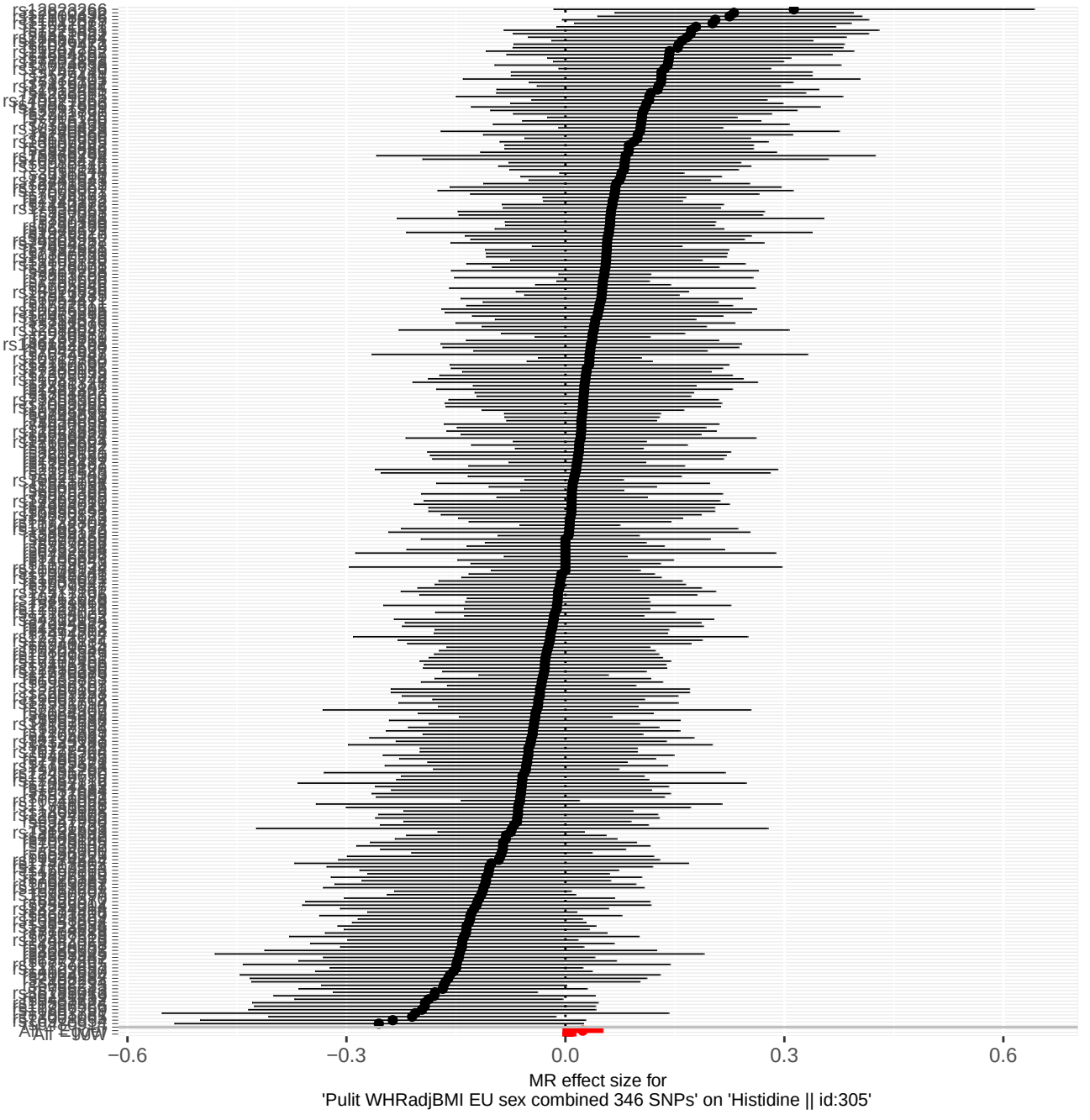
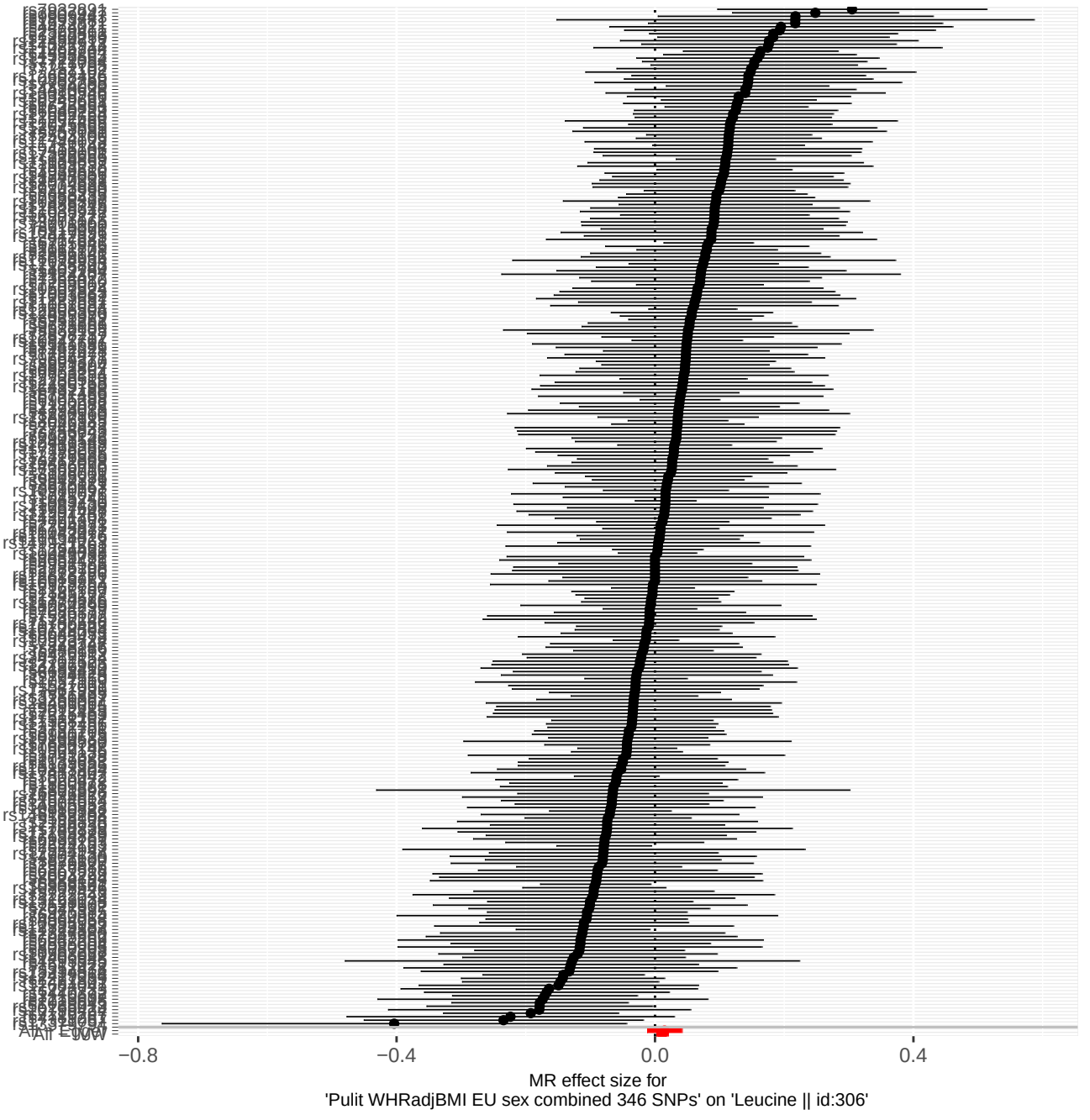
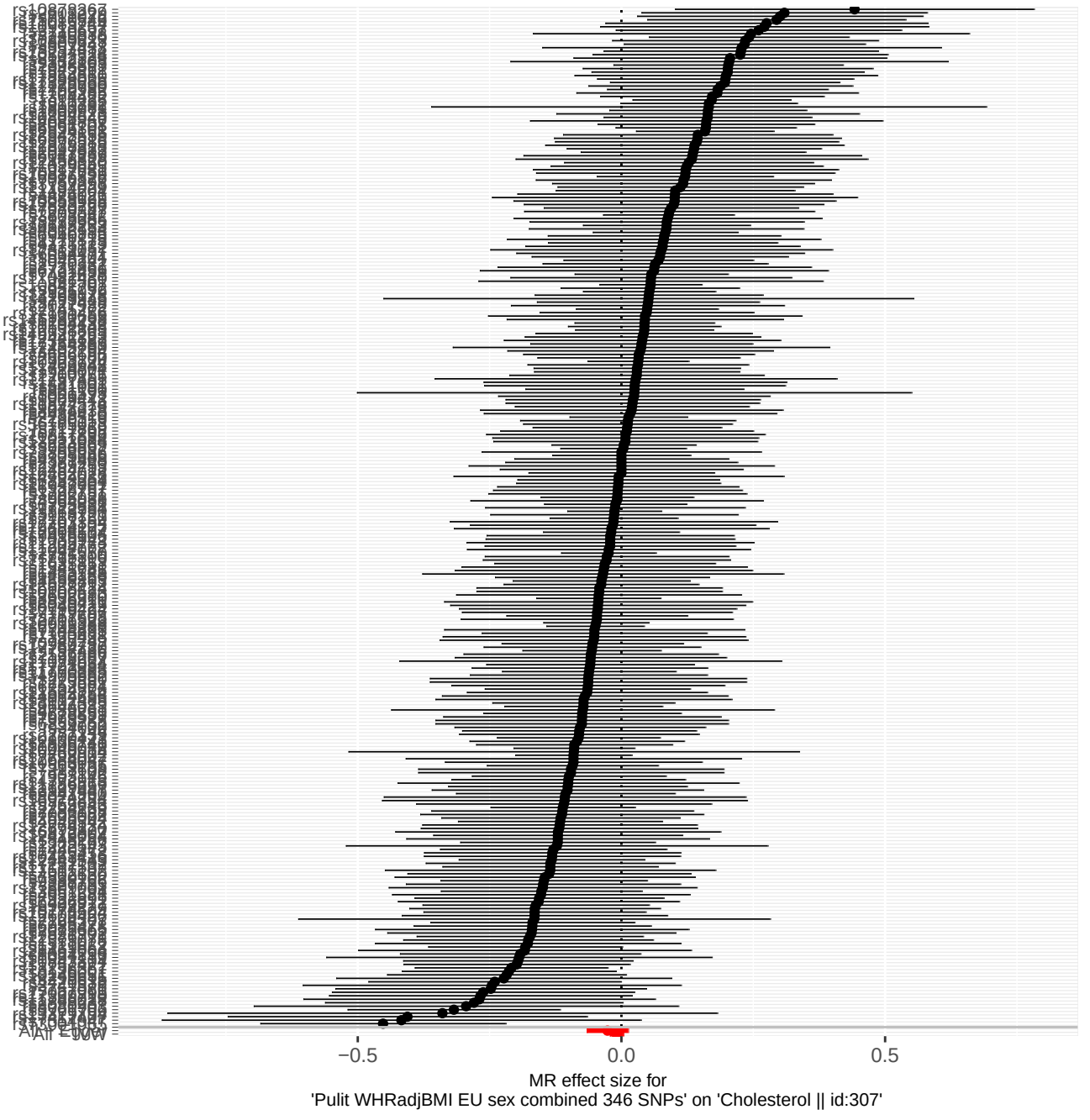
0.4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Tryptophan || id:304'


−0.6
−0.3
0.0
0.3
0.6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Histidine || id:305'


−0.8
−0.4
0.0
0.4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Leucine || id:306'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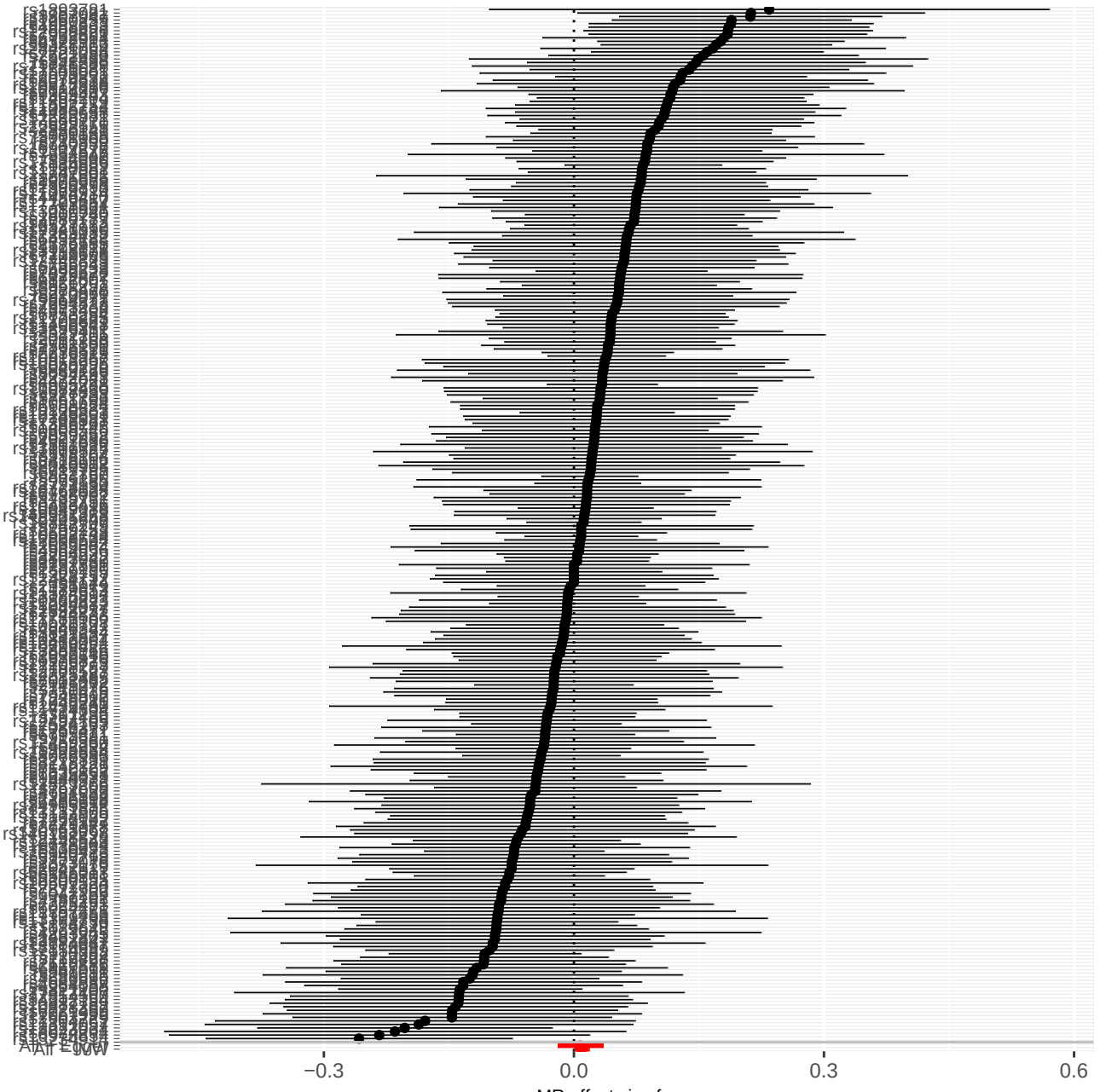
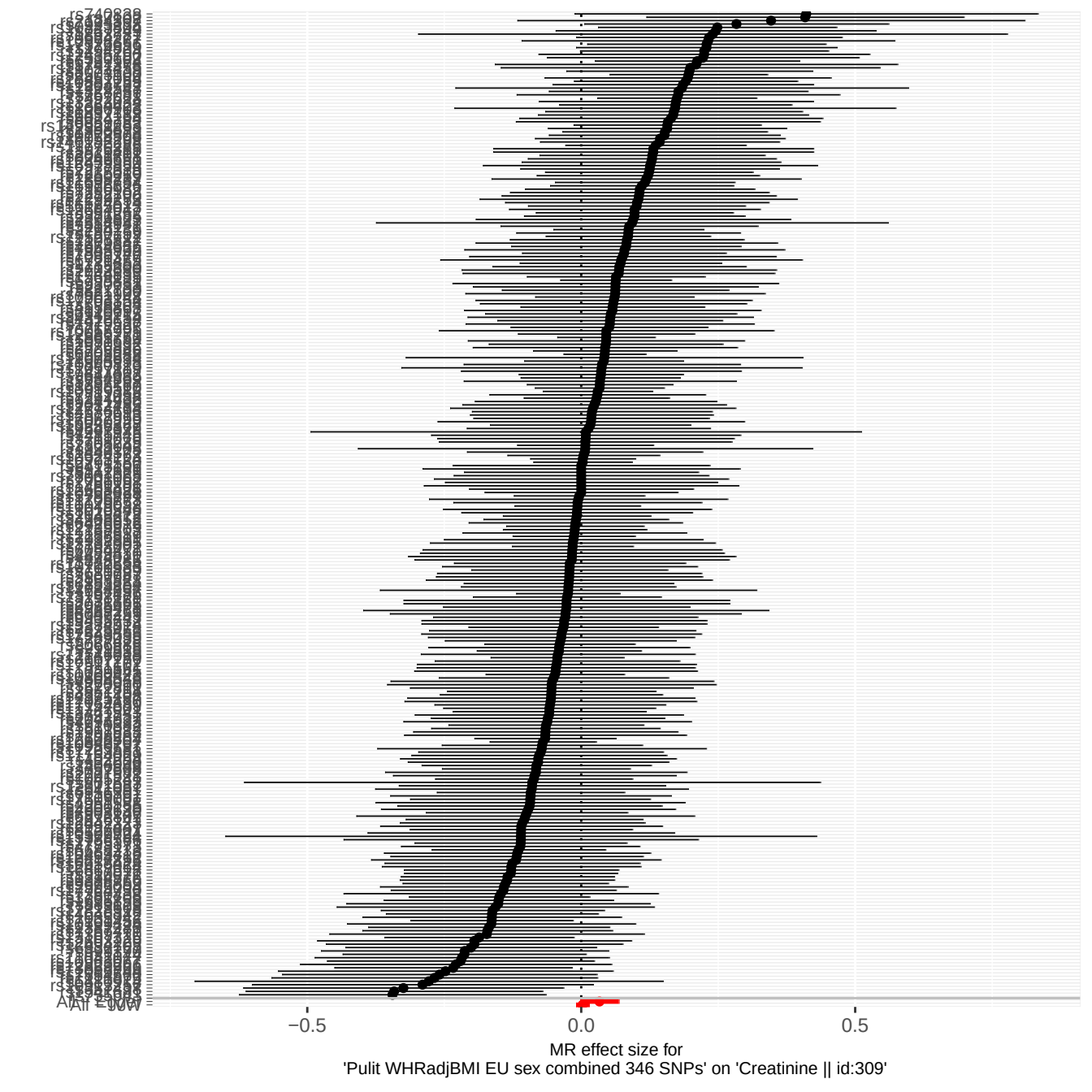
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Cholesterol || id:307'


−0.3
0.0
0.3
0.6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Phenylalanine || id:308'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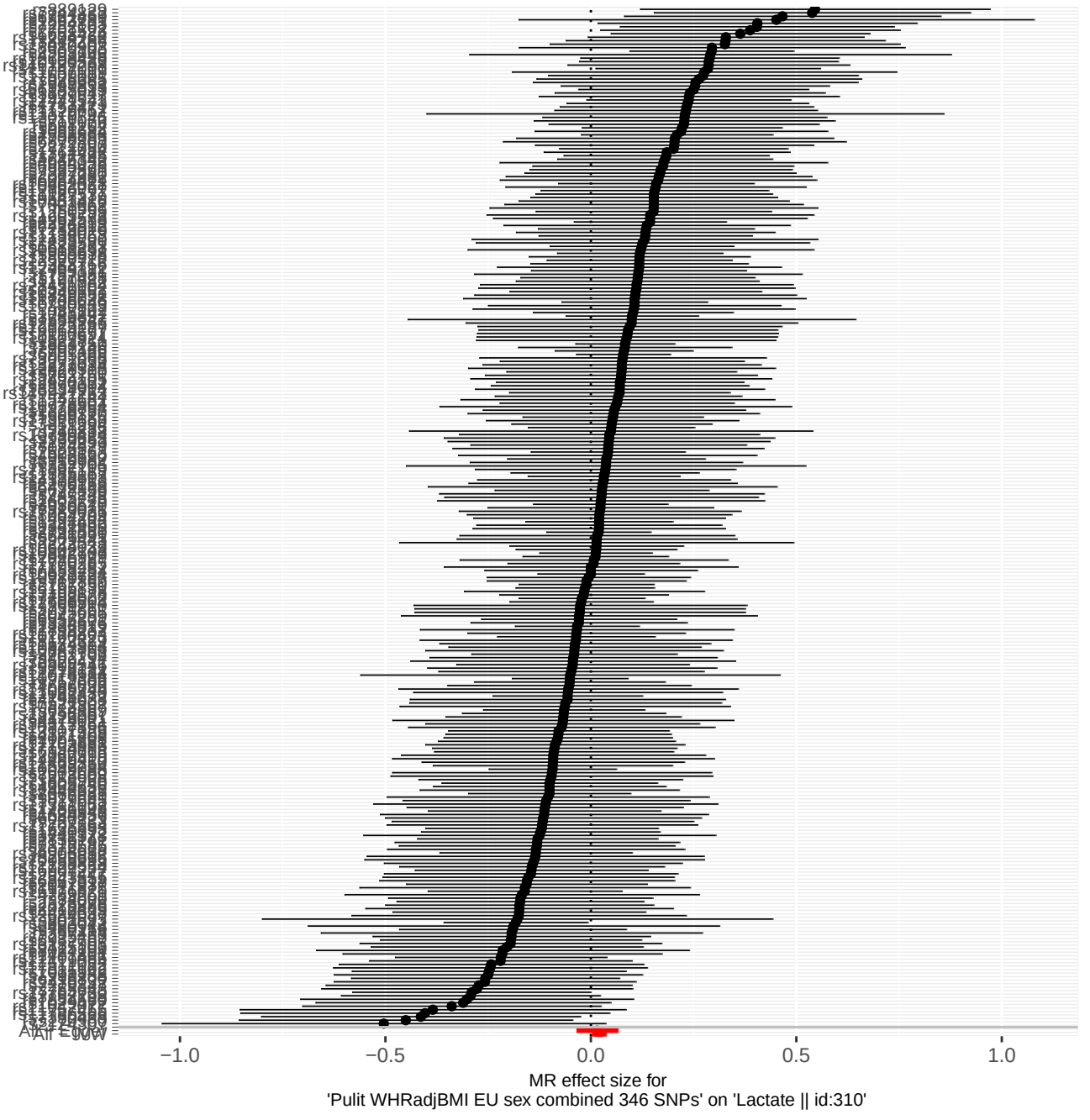
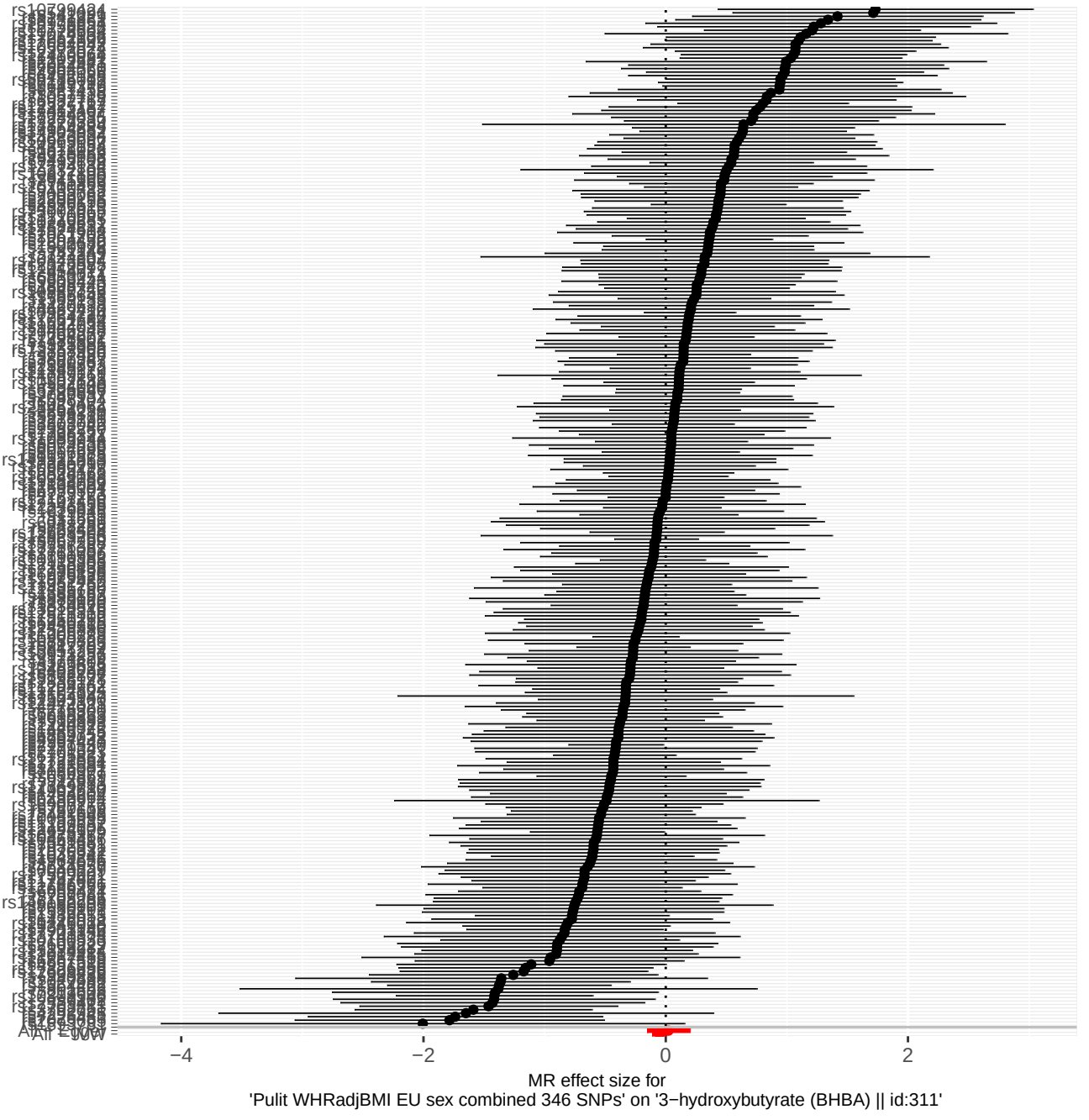
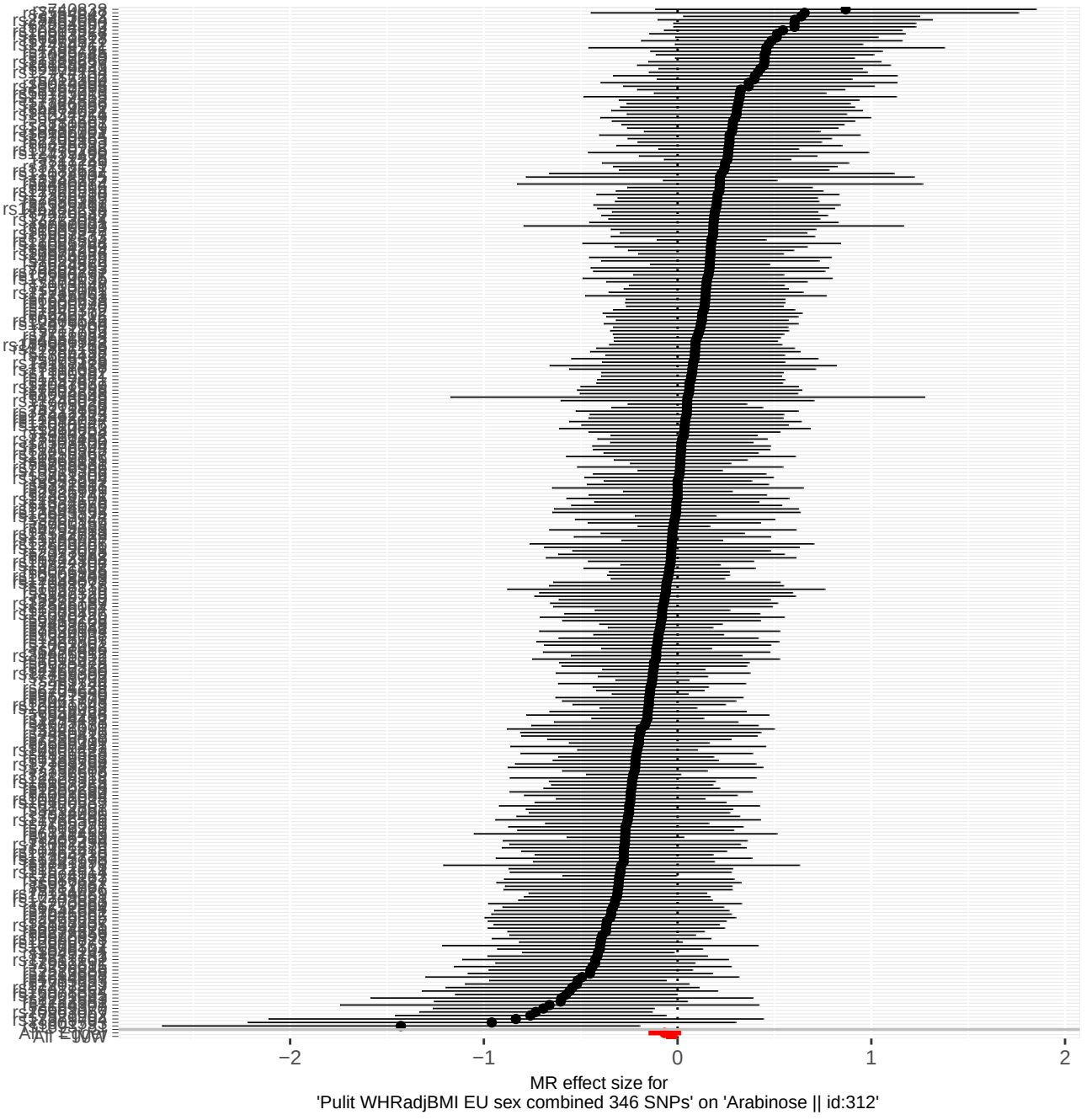
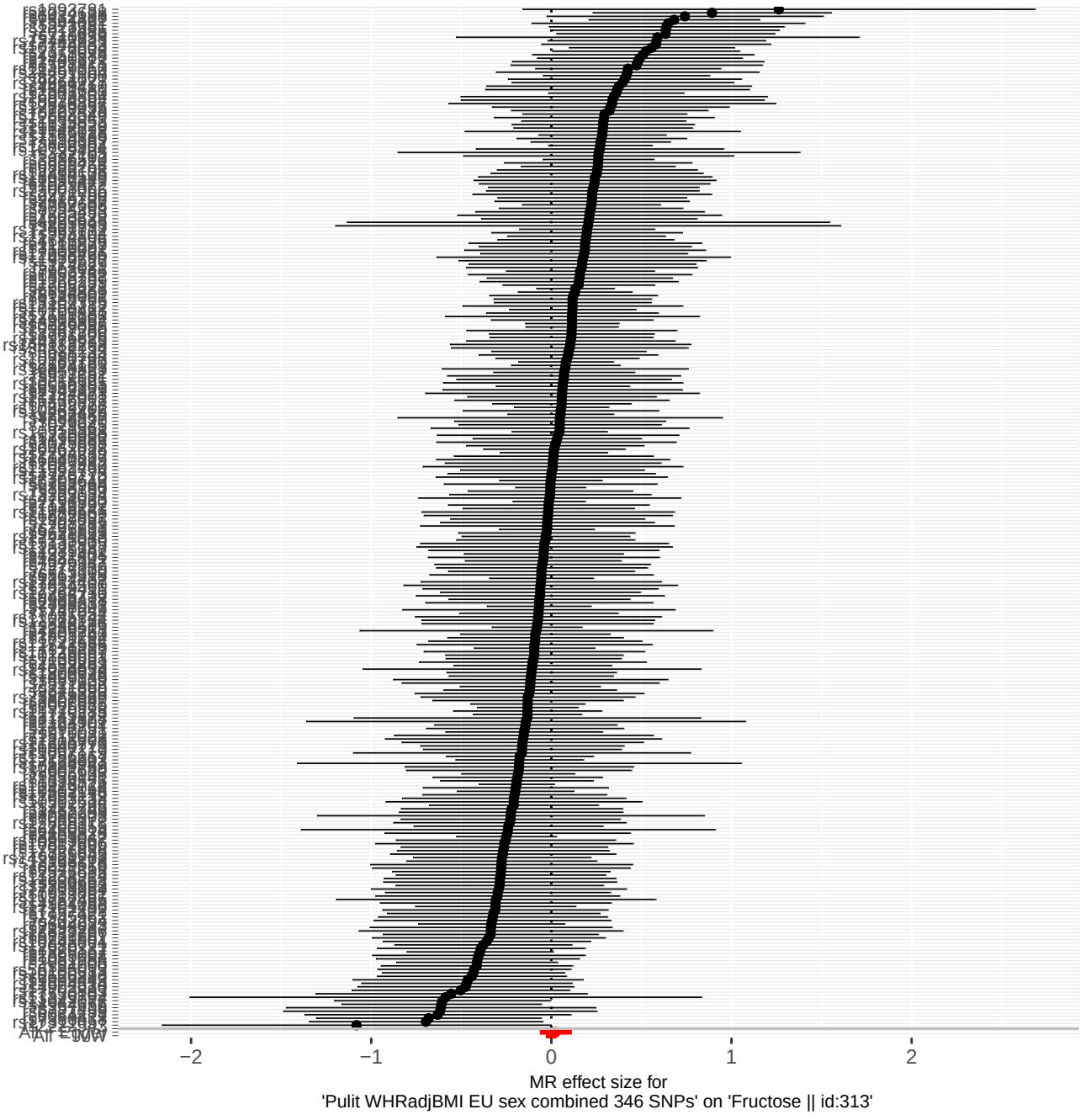
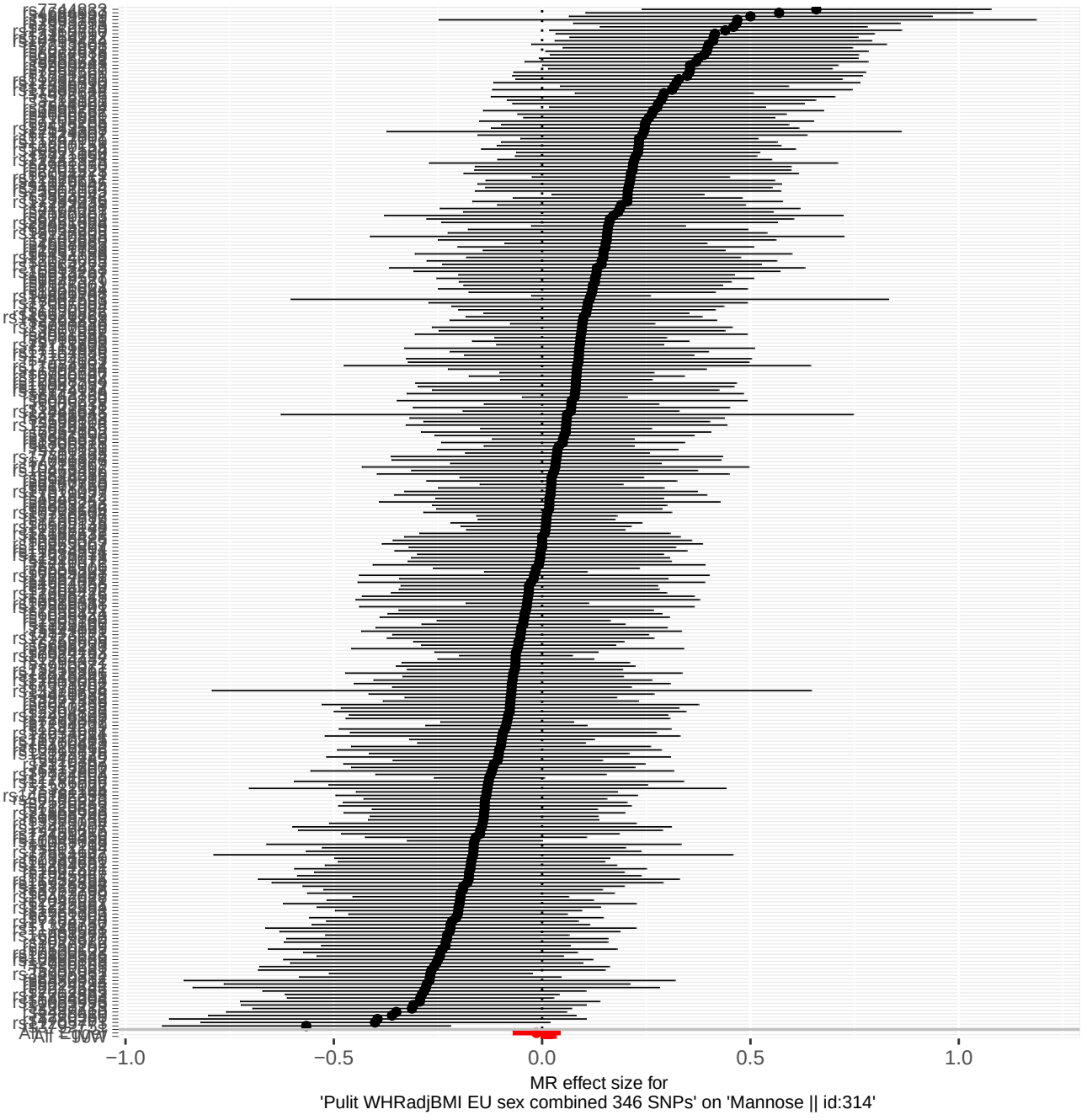
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Creatinine || id:309'

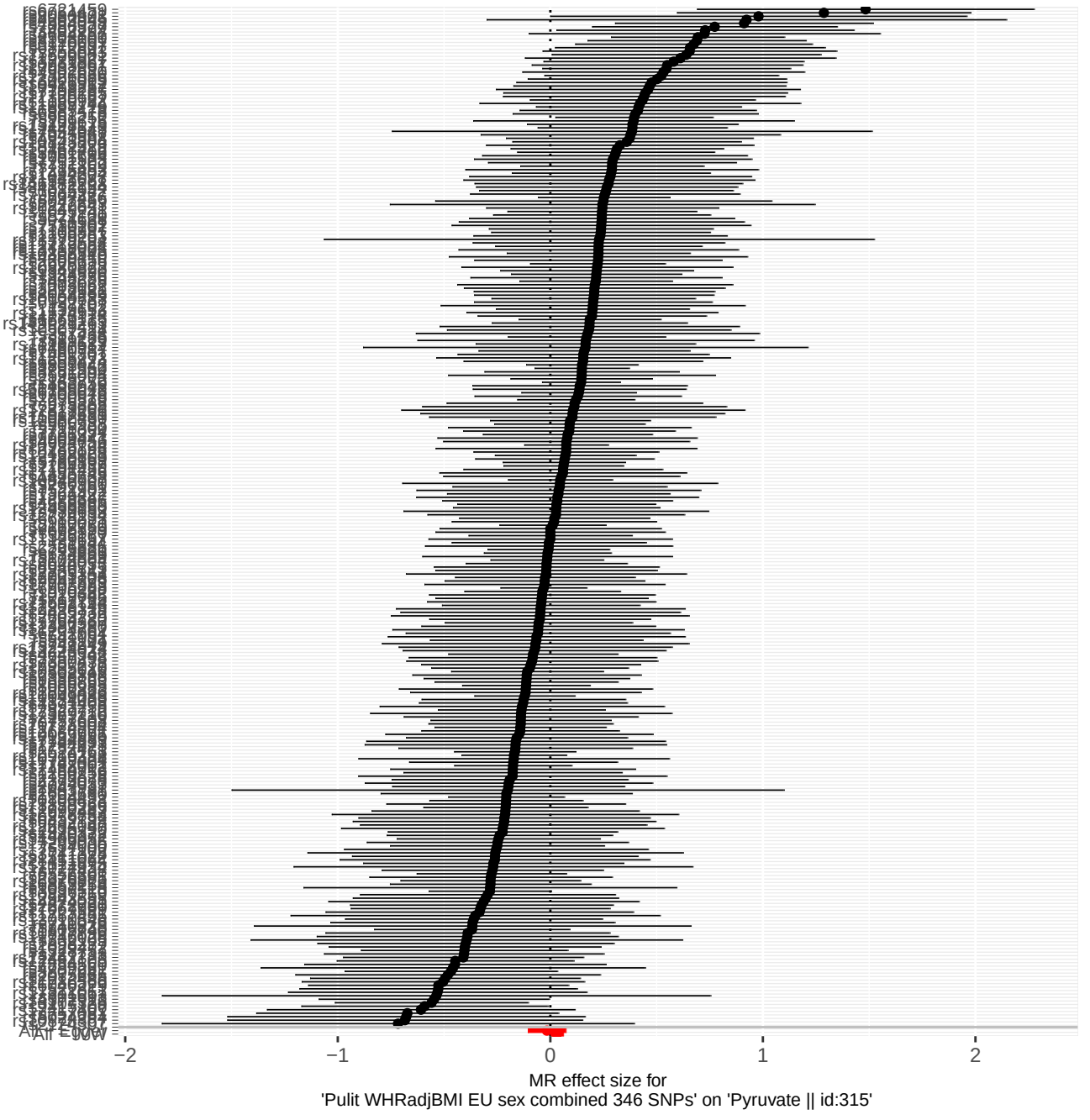

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Lactate || id:310'

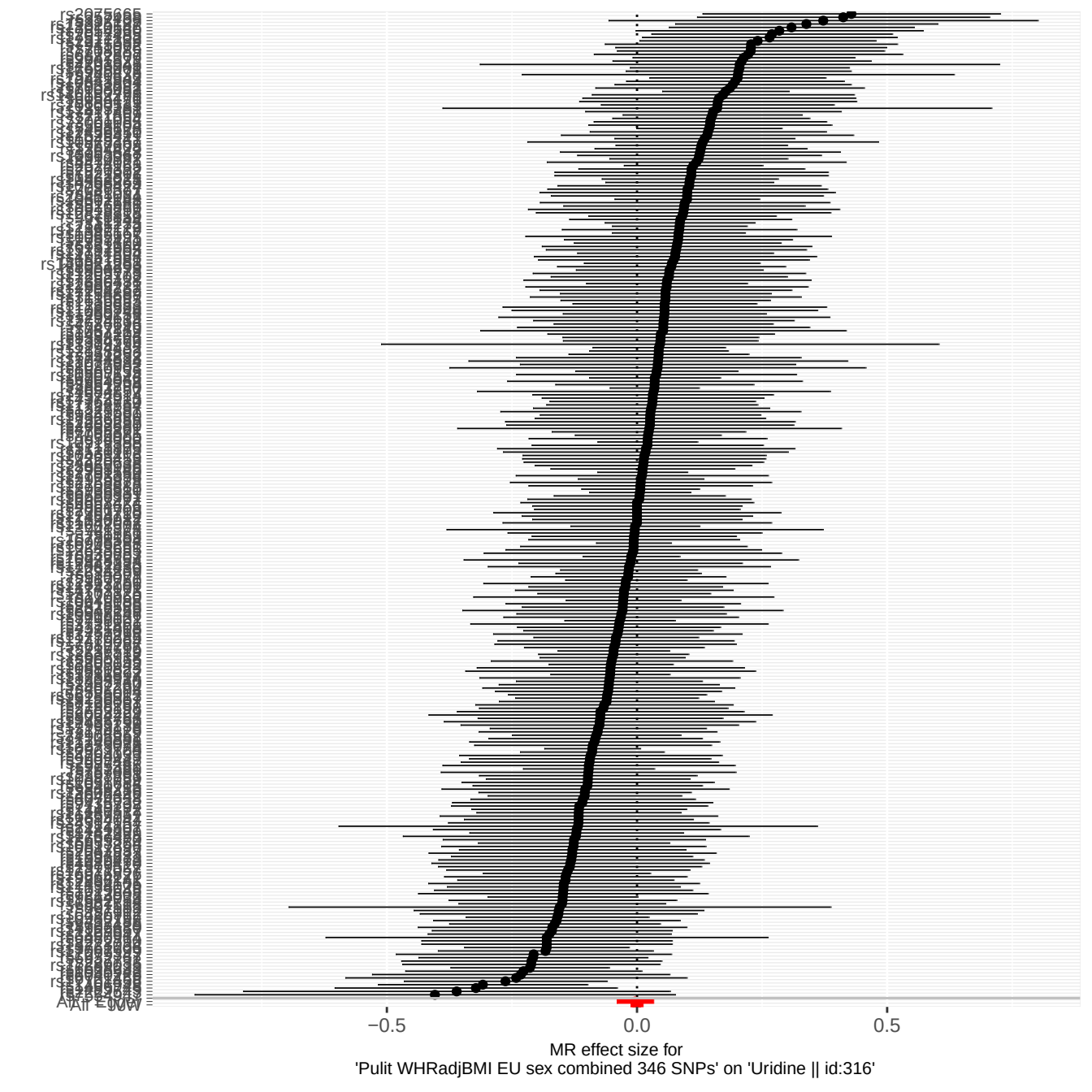

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−hydroxybutyrate (BHBA) || id:311'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Arabinose || id:312'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Fructose || id:313'


−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Mannose || id:314'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pyruvate || id:315'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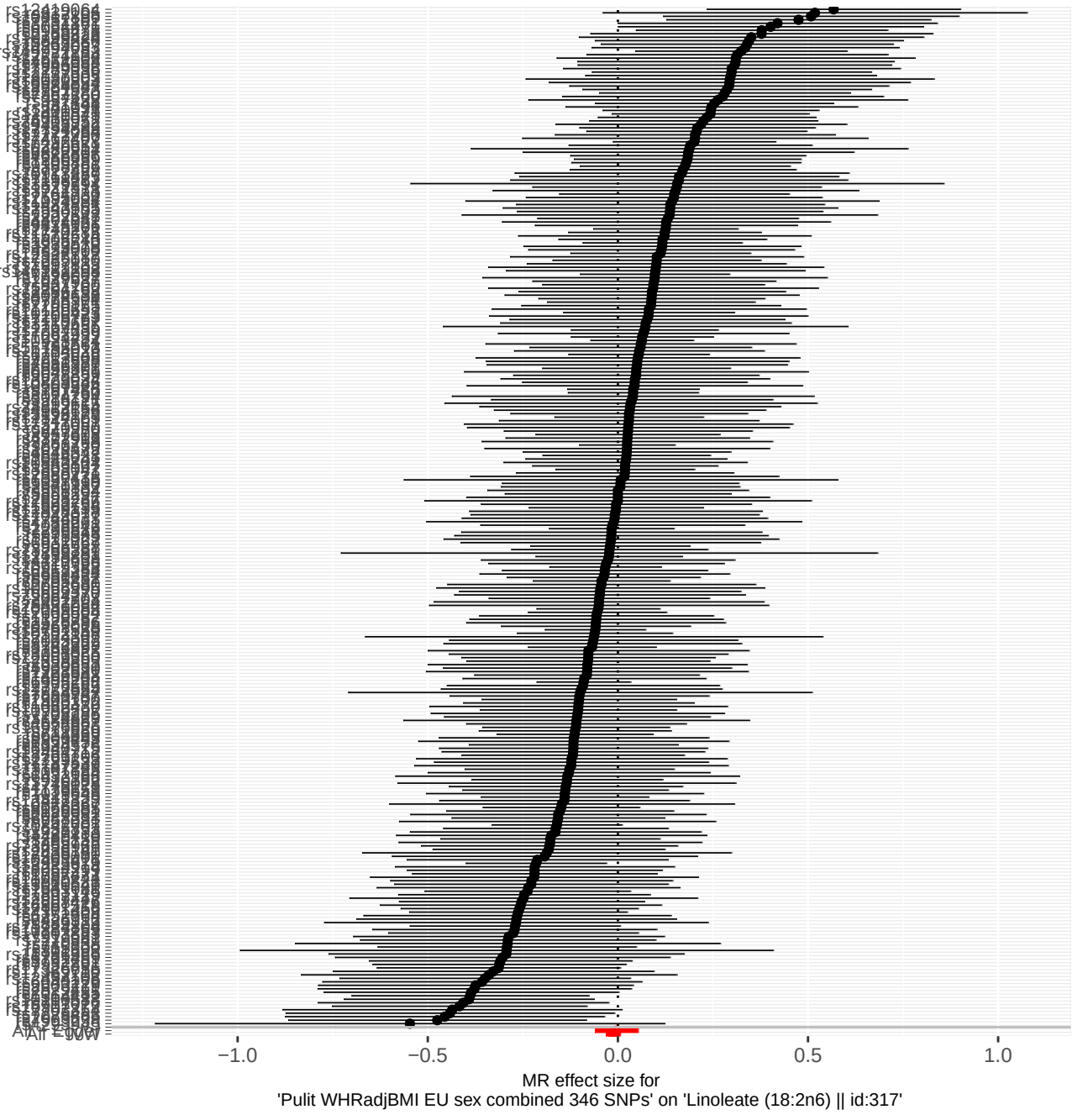
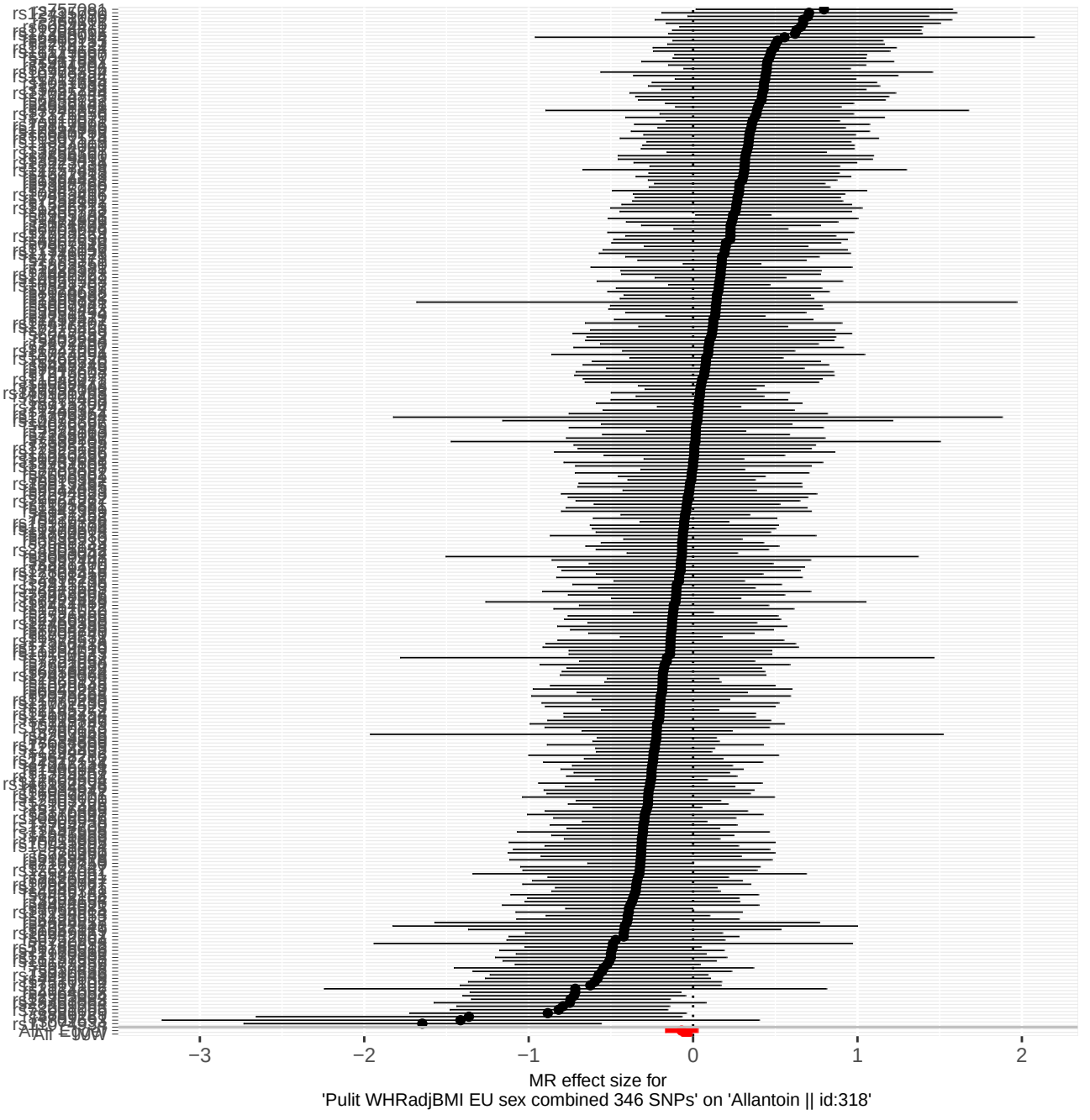
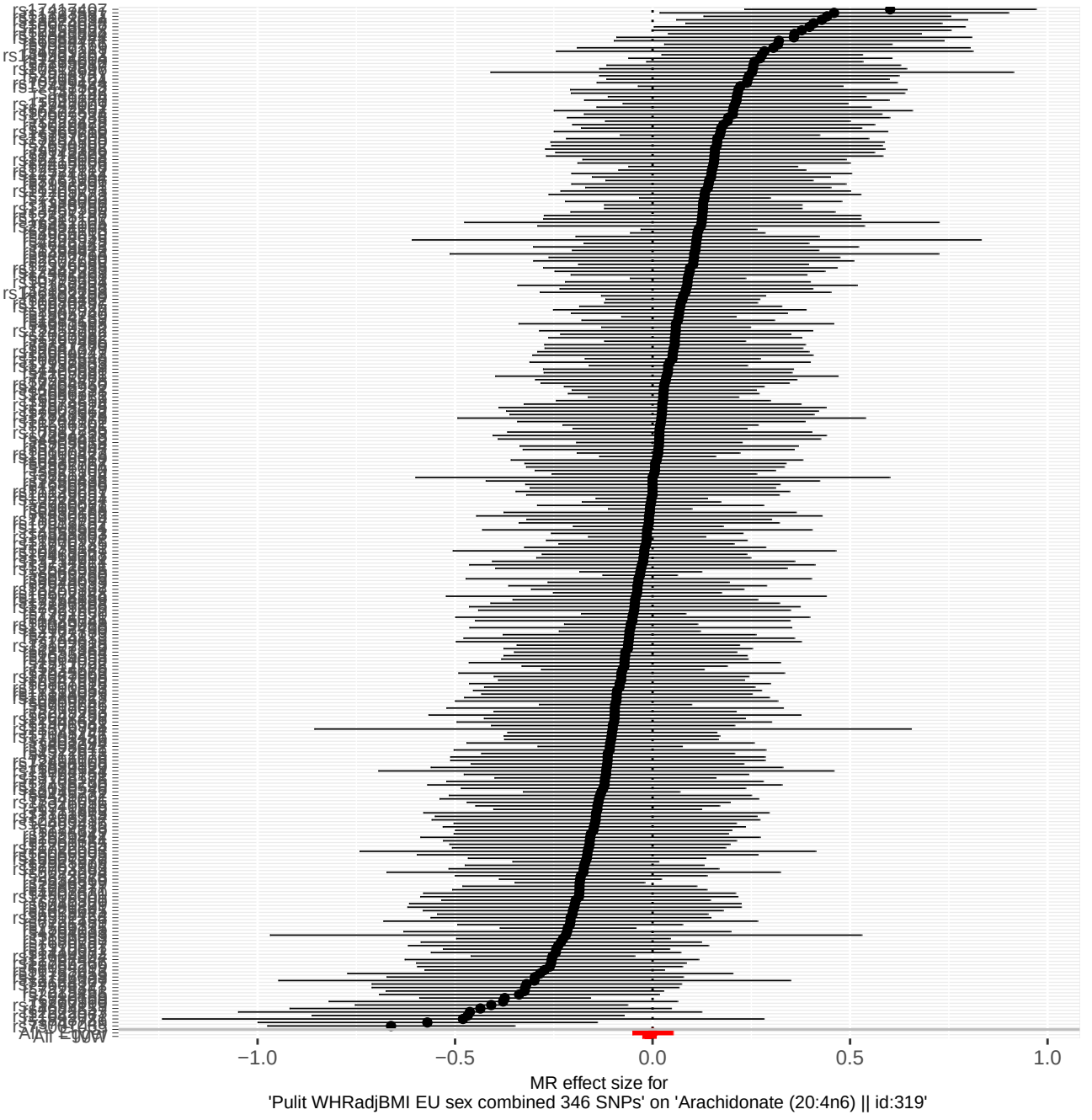
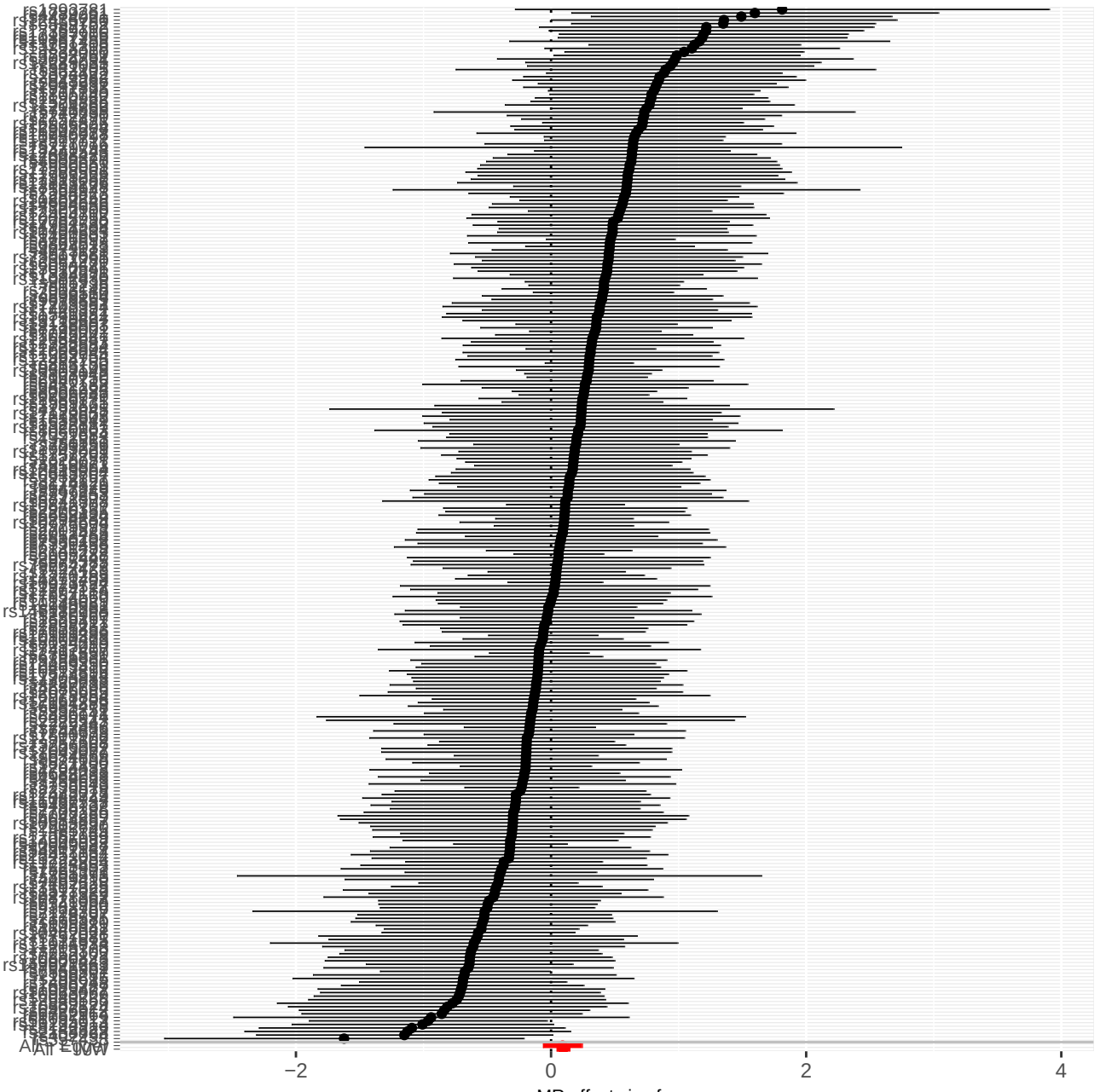
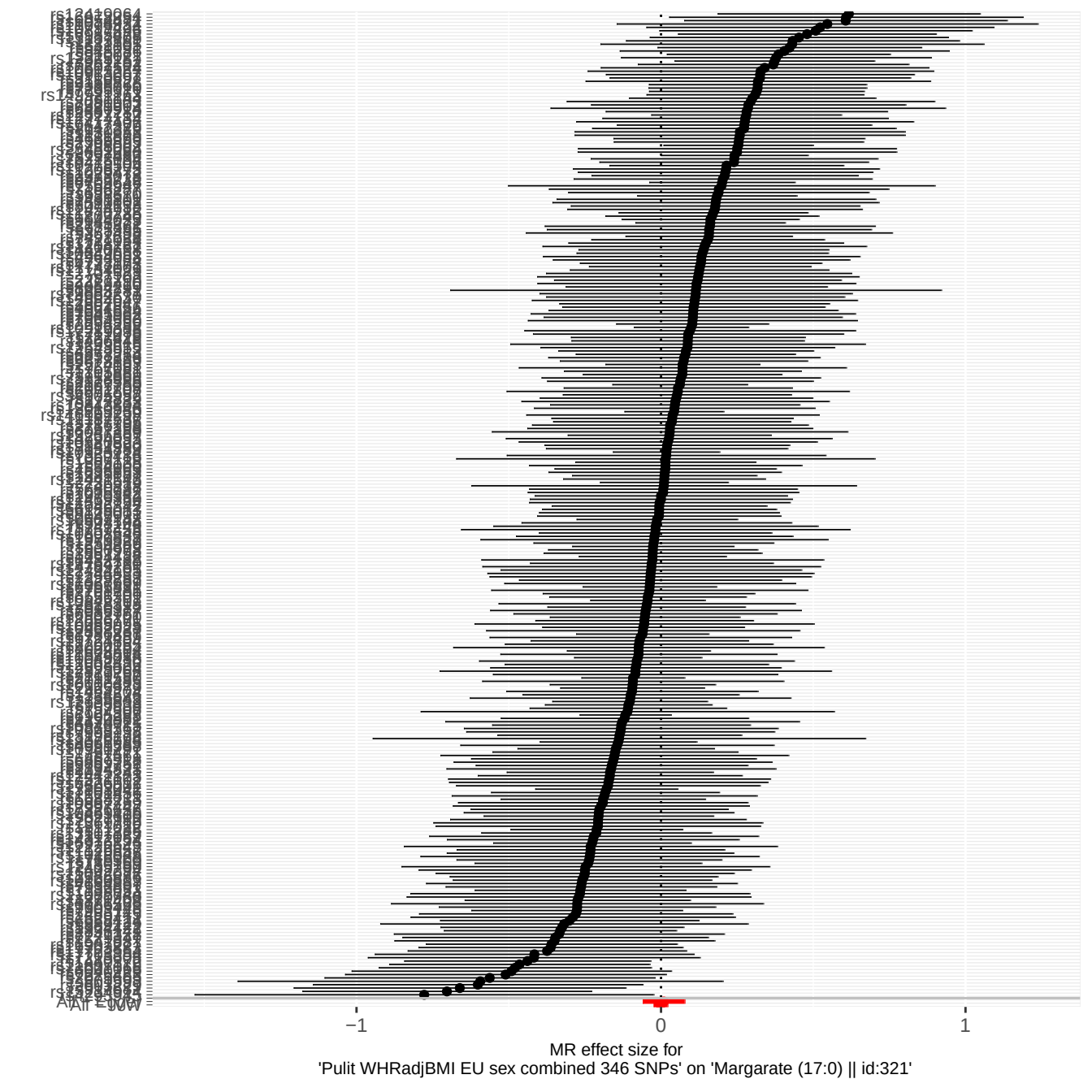
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Uridine || id:316'

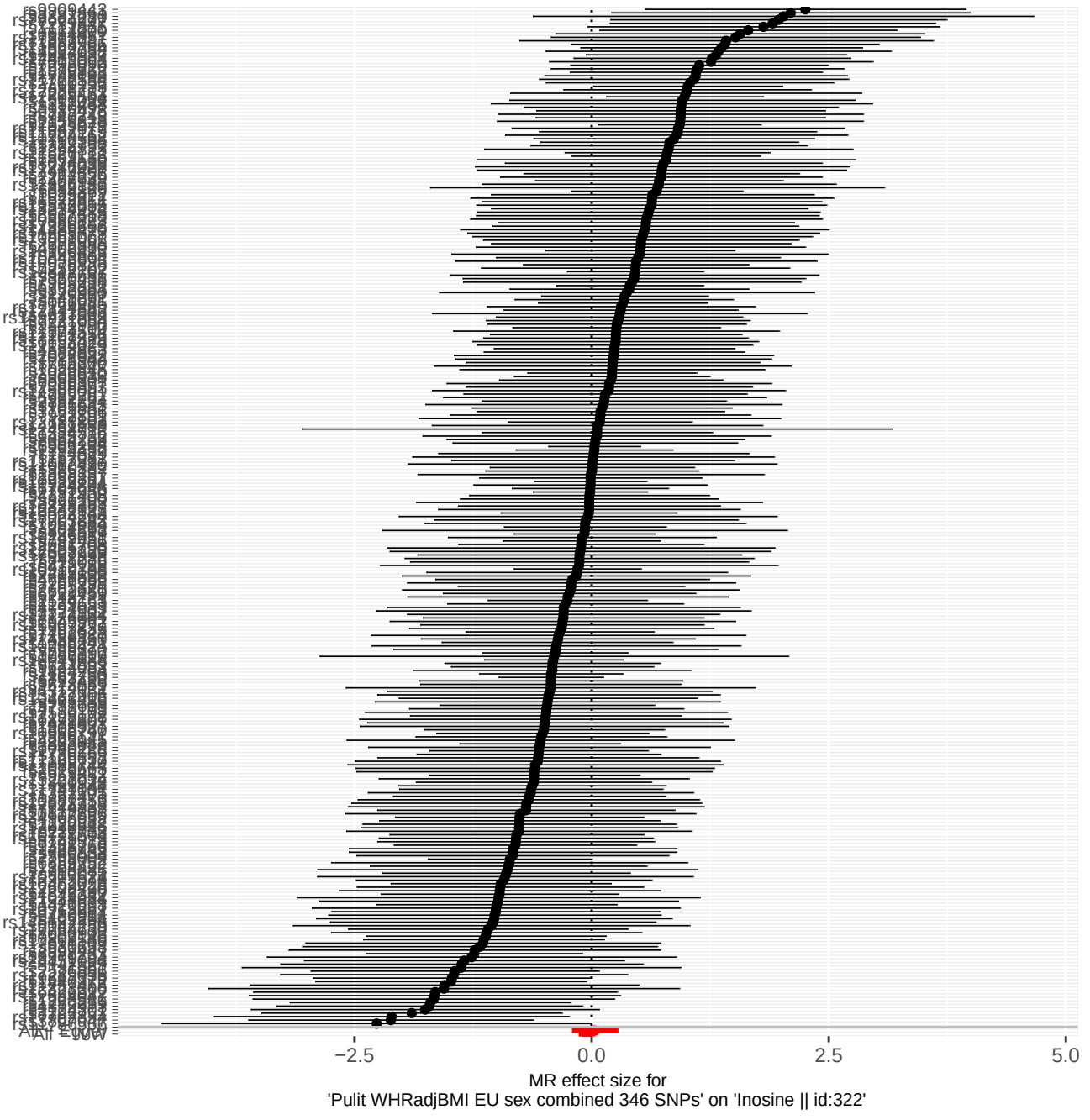

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Linoleate (18:2n6) || id:317'

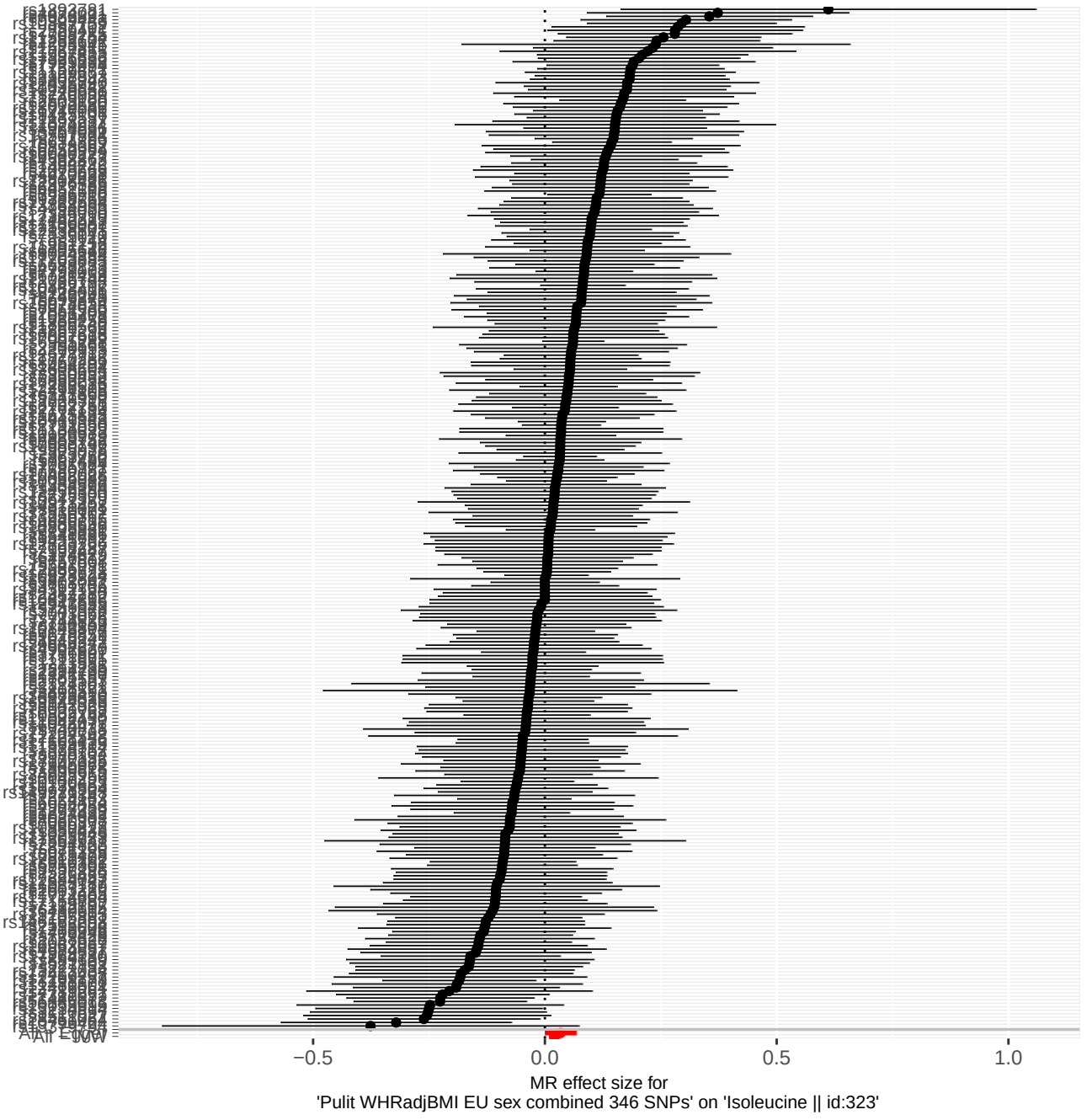

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Allantoin || id:318'

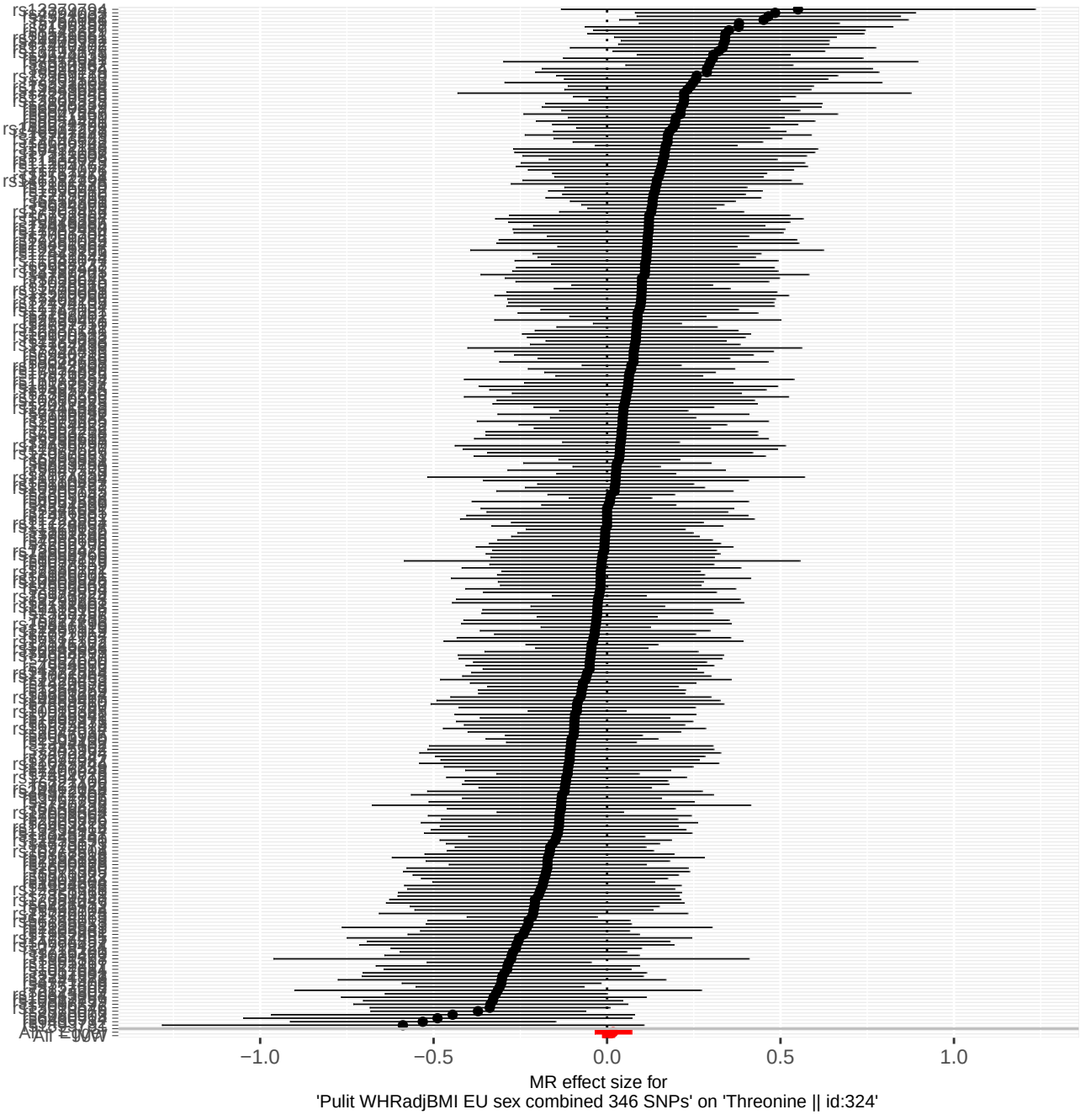

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Arachidonate (20:4n6) || id:319'

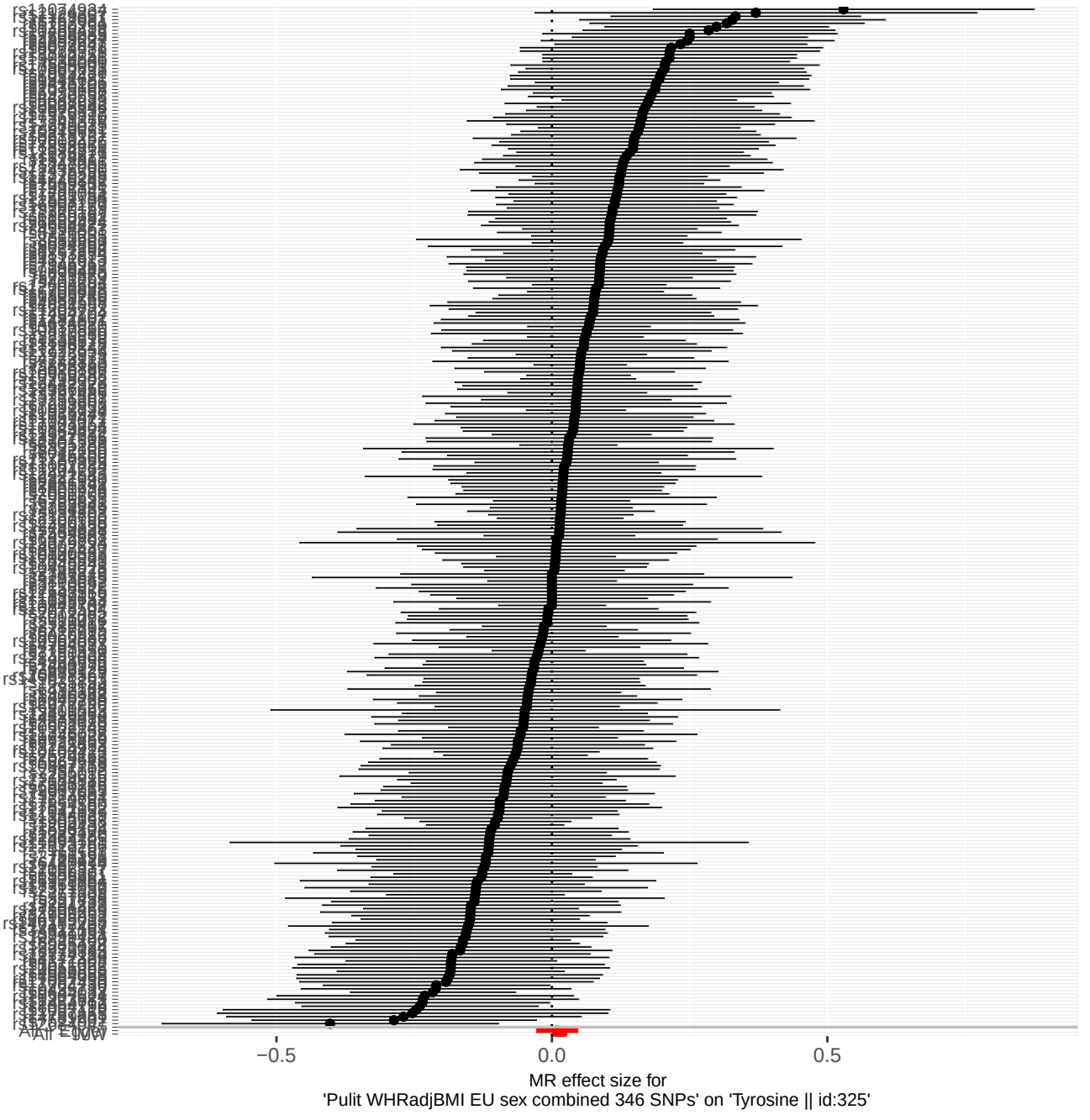

−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Deoxycholate || id:320'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Margarate (17:0) || id:321'


−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Inosine || id:322'


−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Isoleucine || id:323'


−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Threonine || id:324'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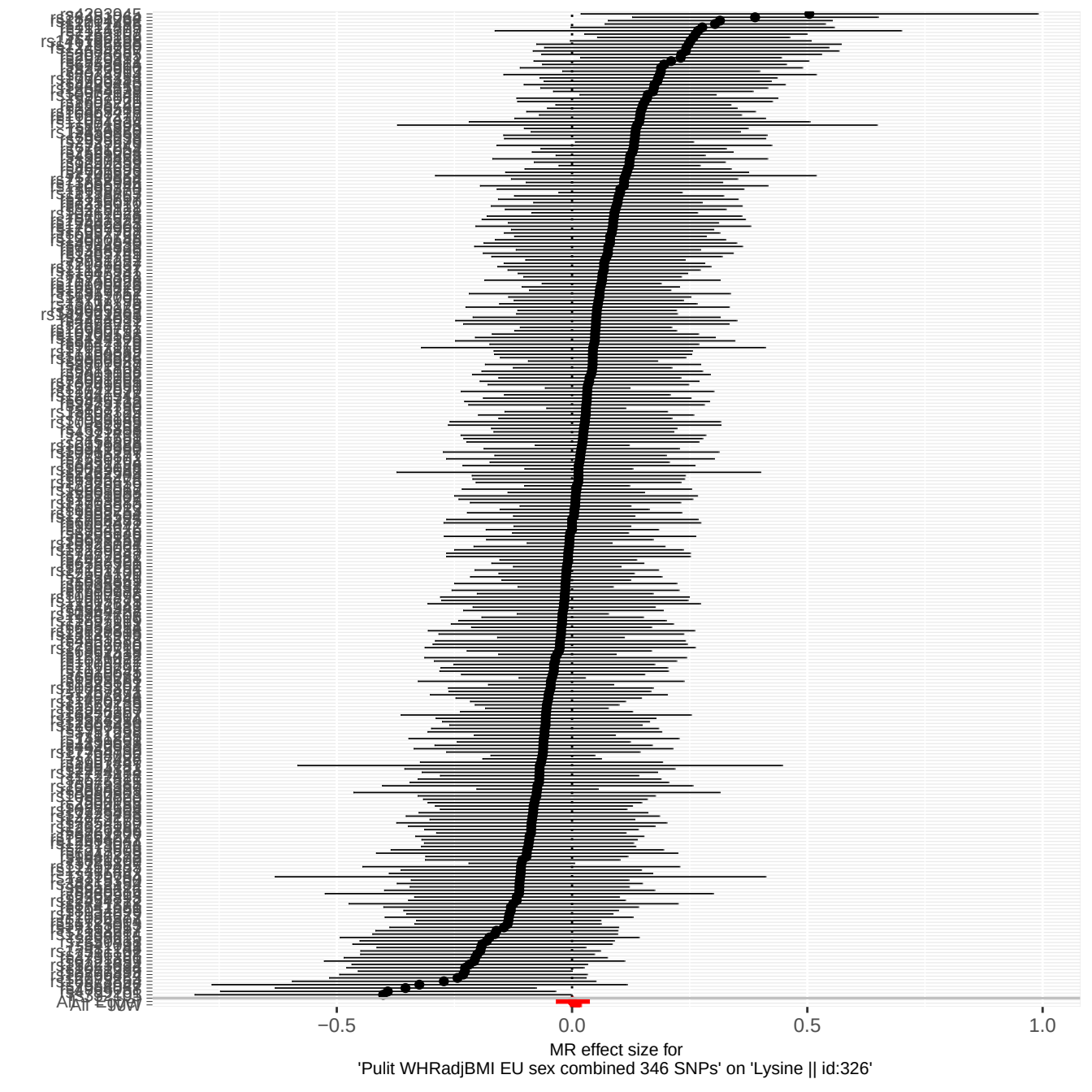
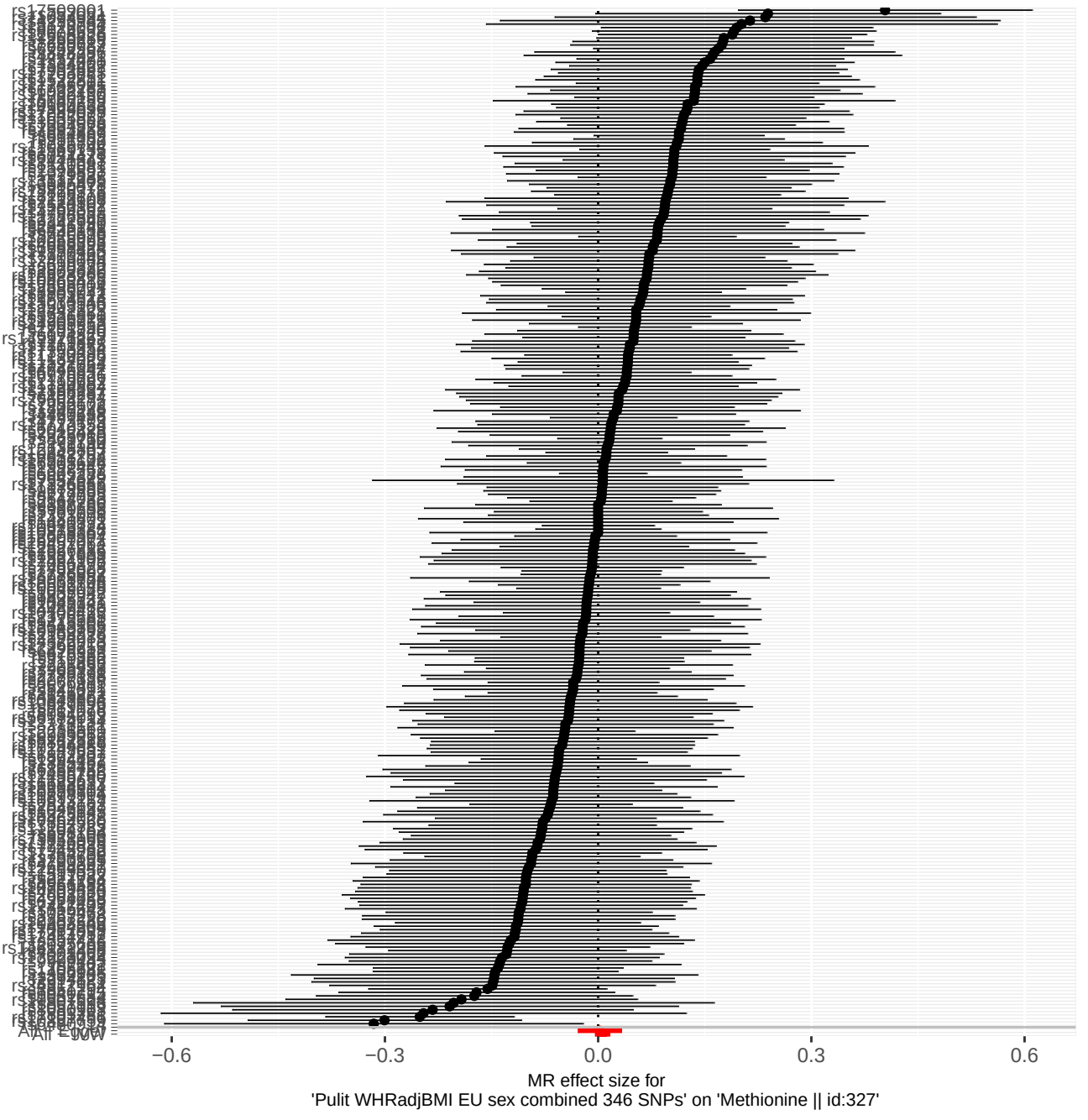
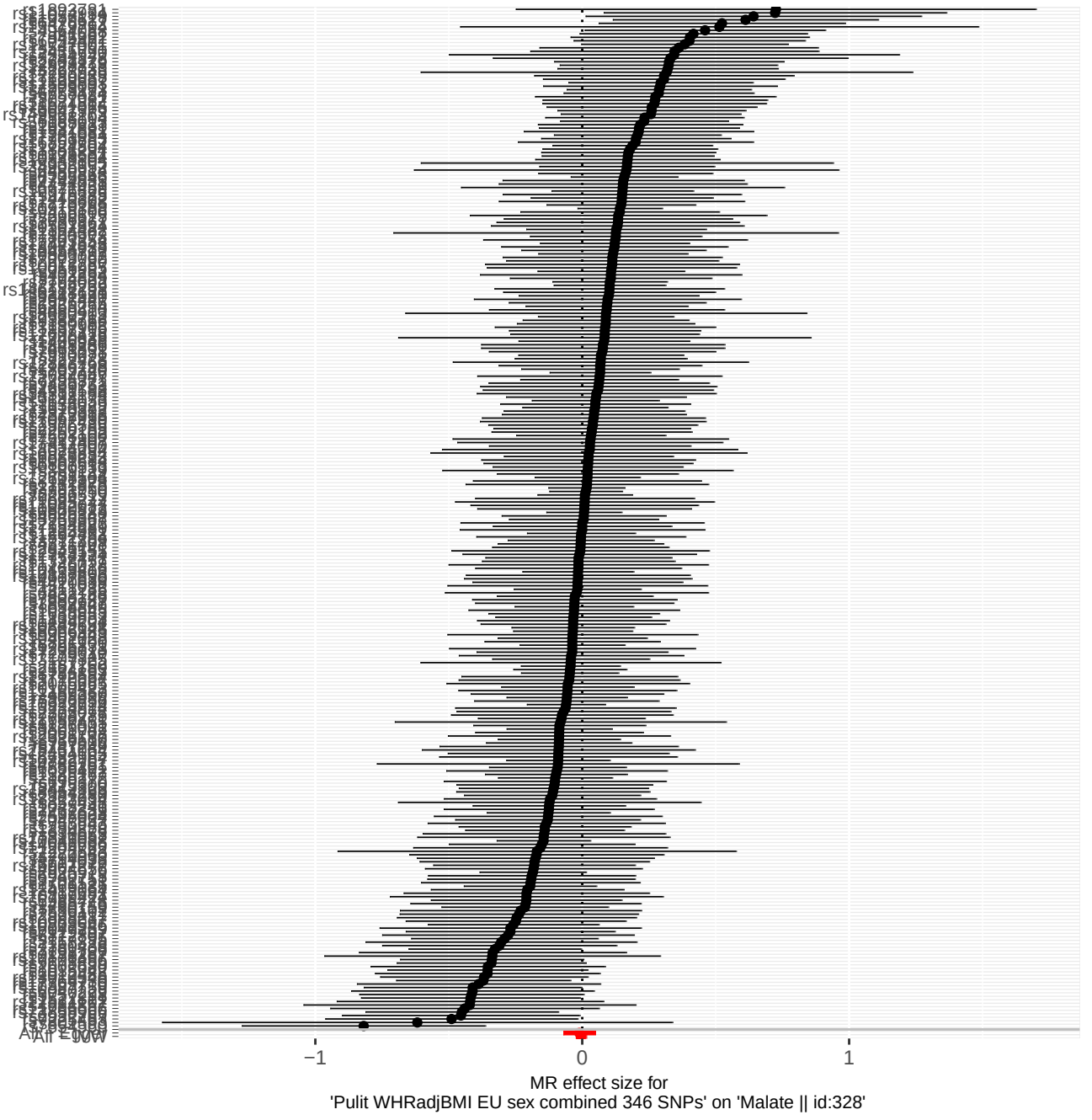
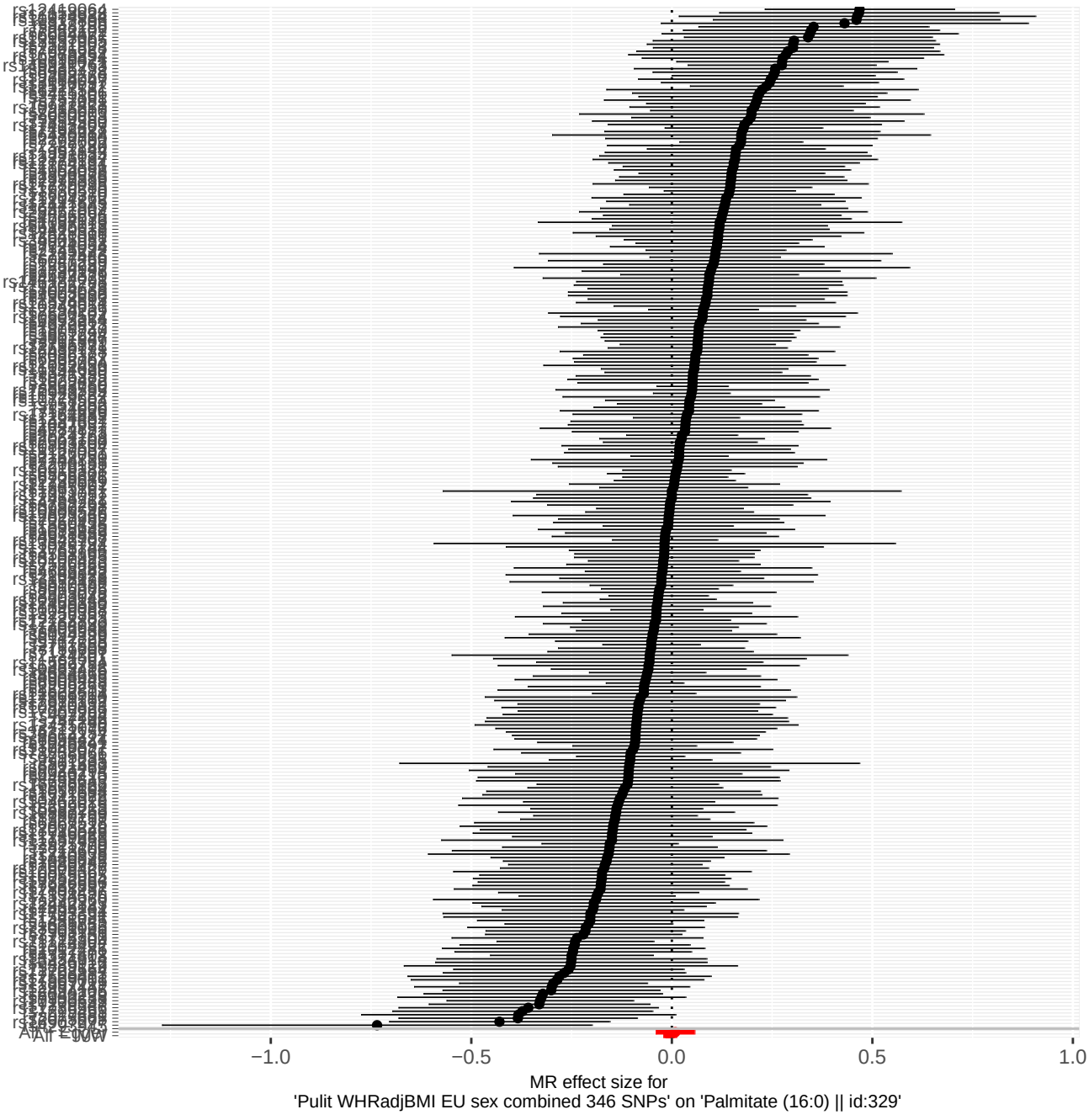
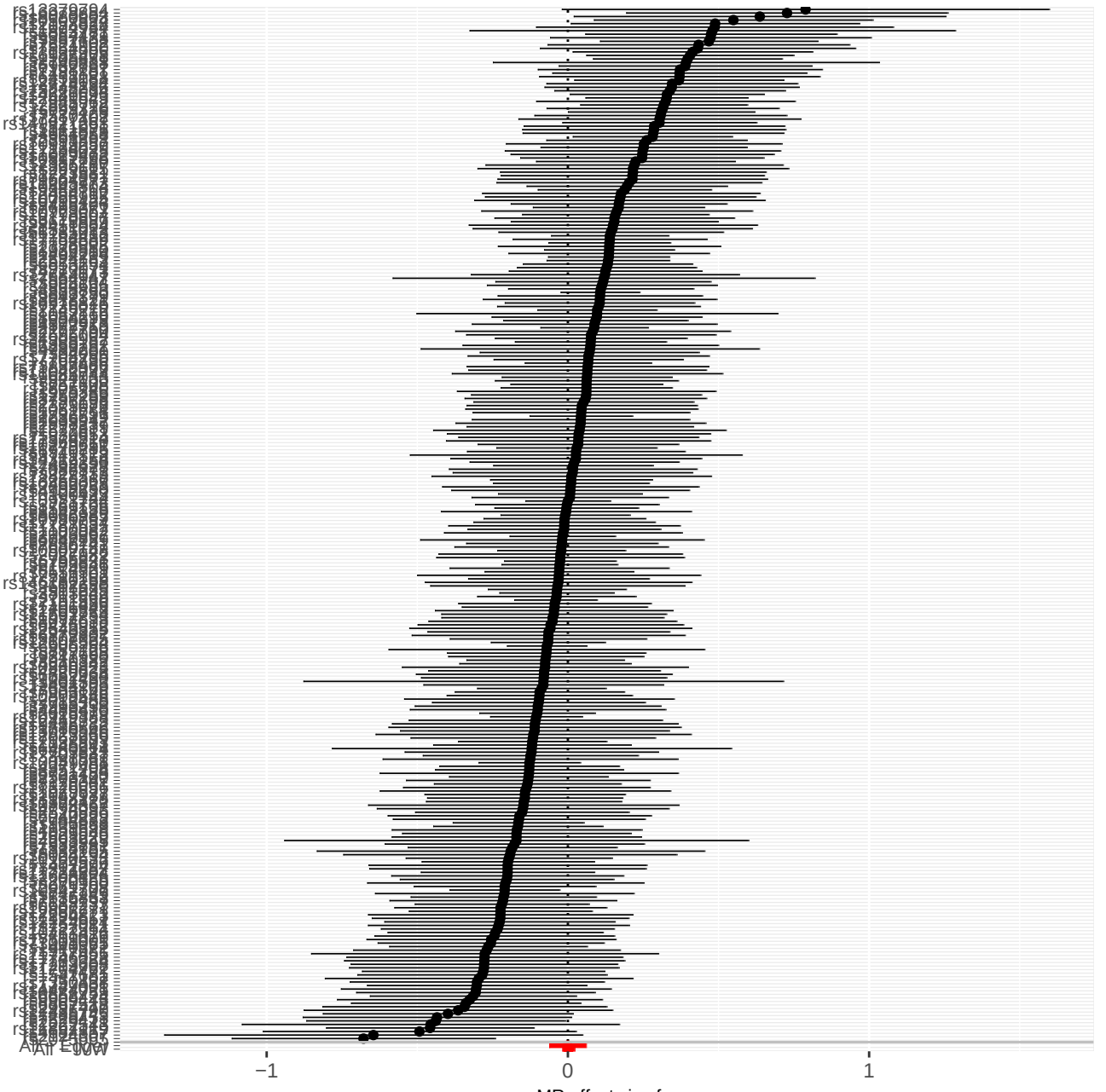
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Tyrosine || id:325'

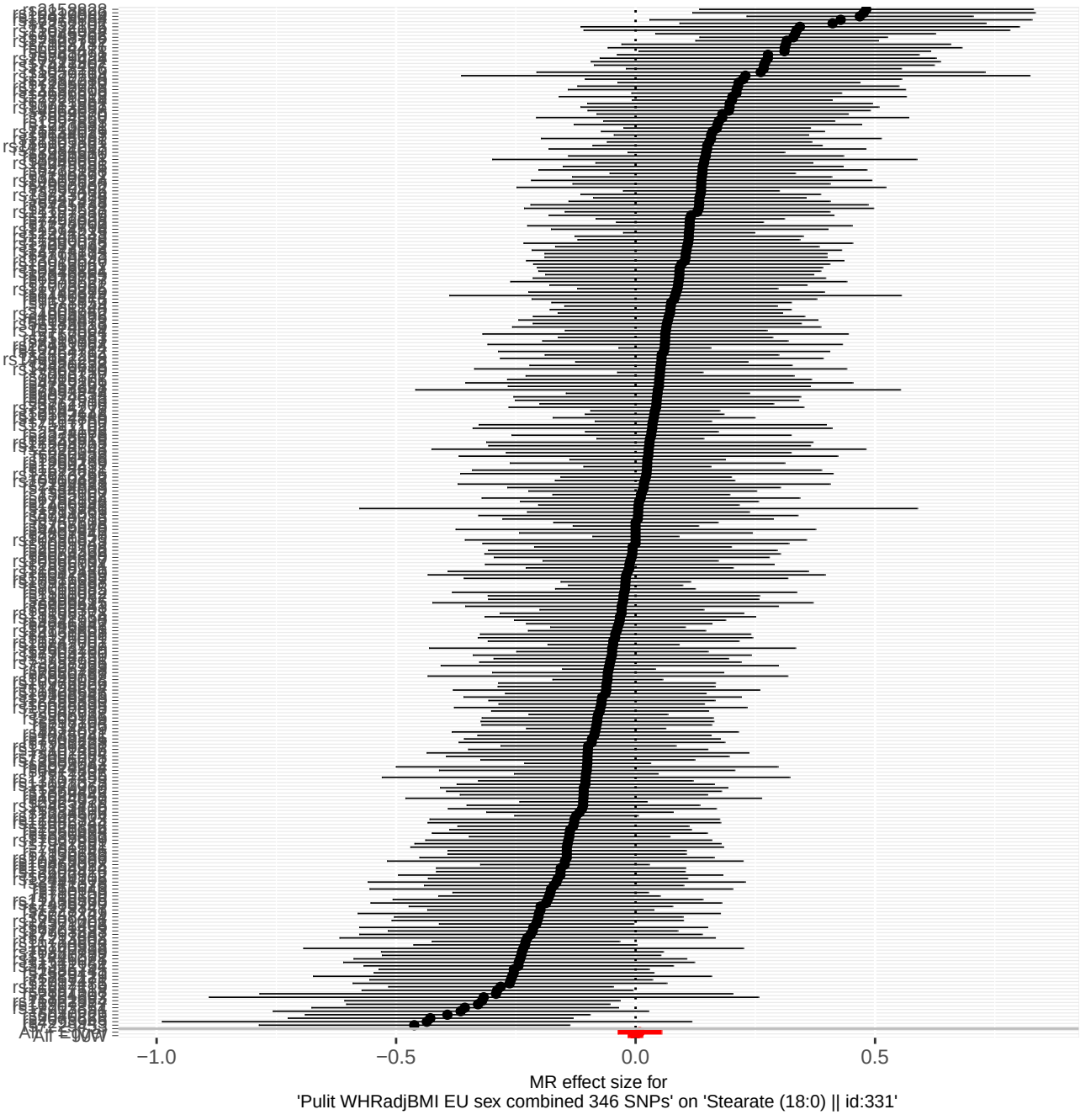

−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Lysine || id:326'

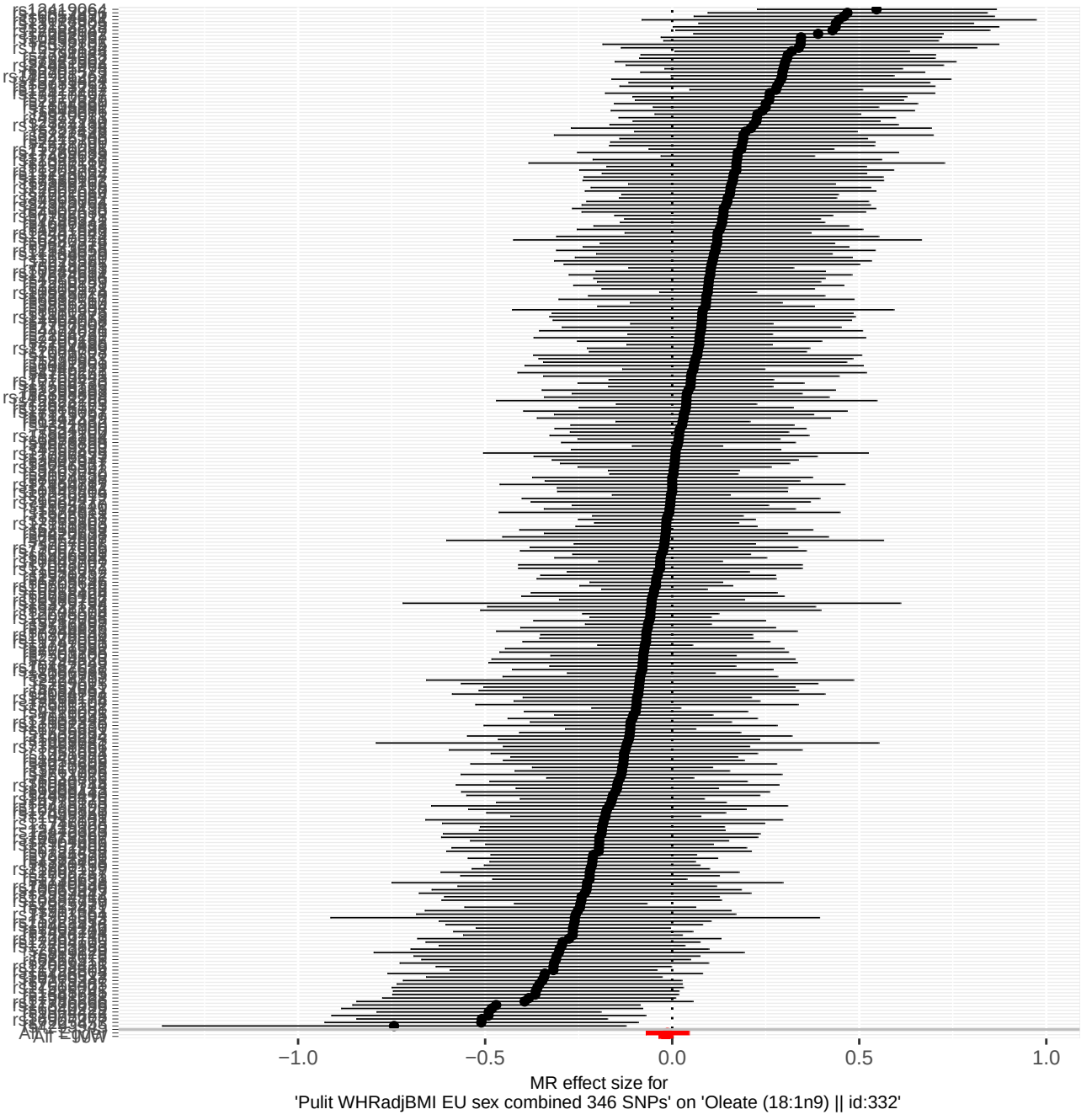

−0.6
−0.3
0.0
0.3
0.6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Methionine || id:327'

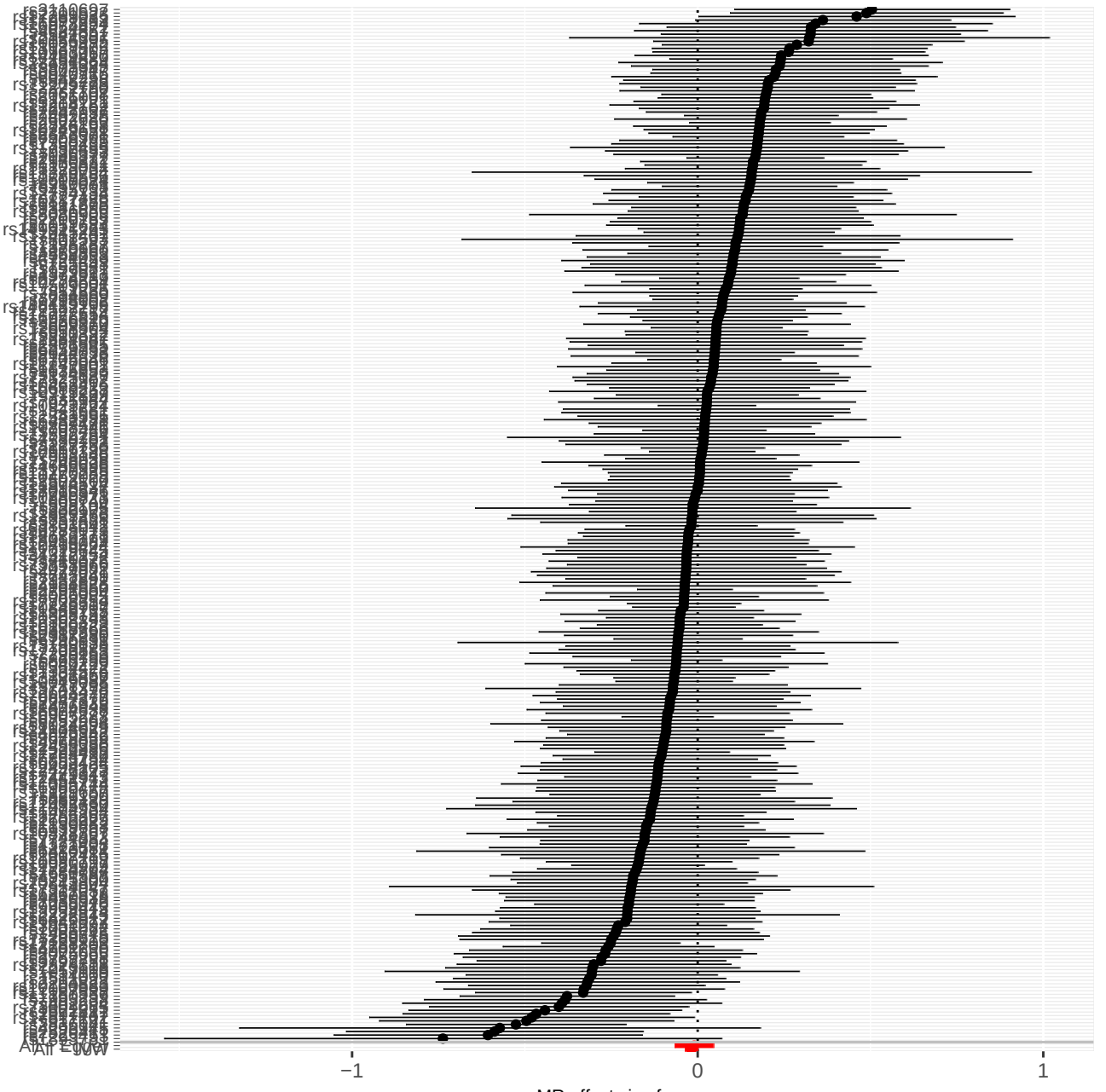

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Malate || id:328'

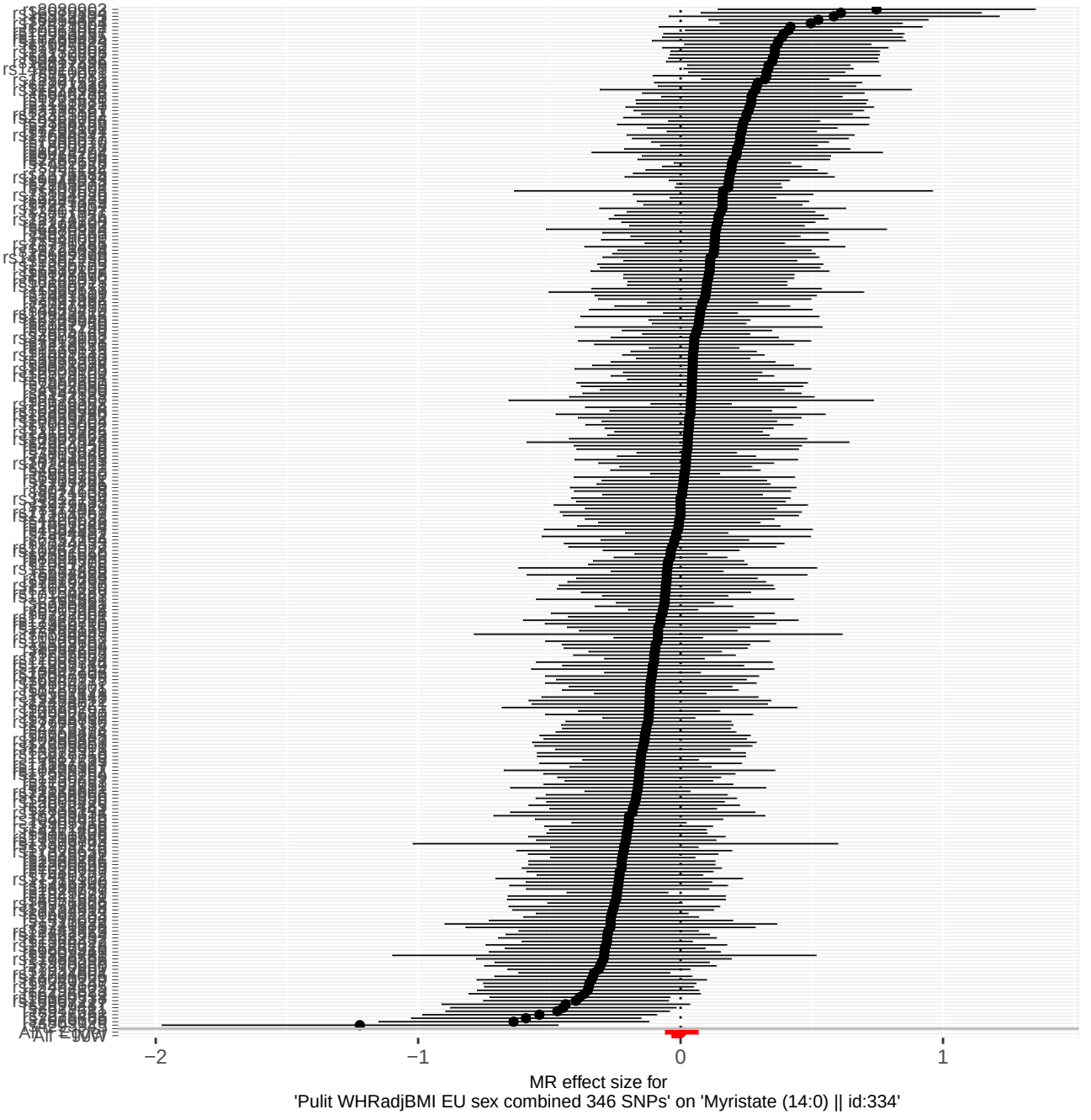

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Palmitate (16:0) || id:329'

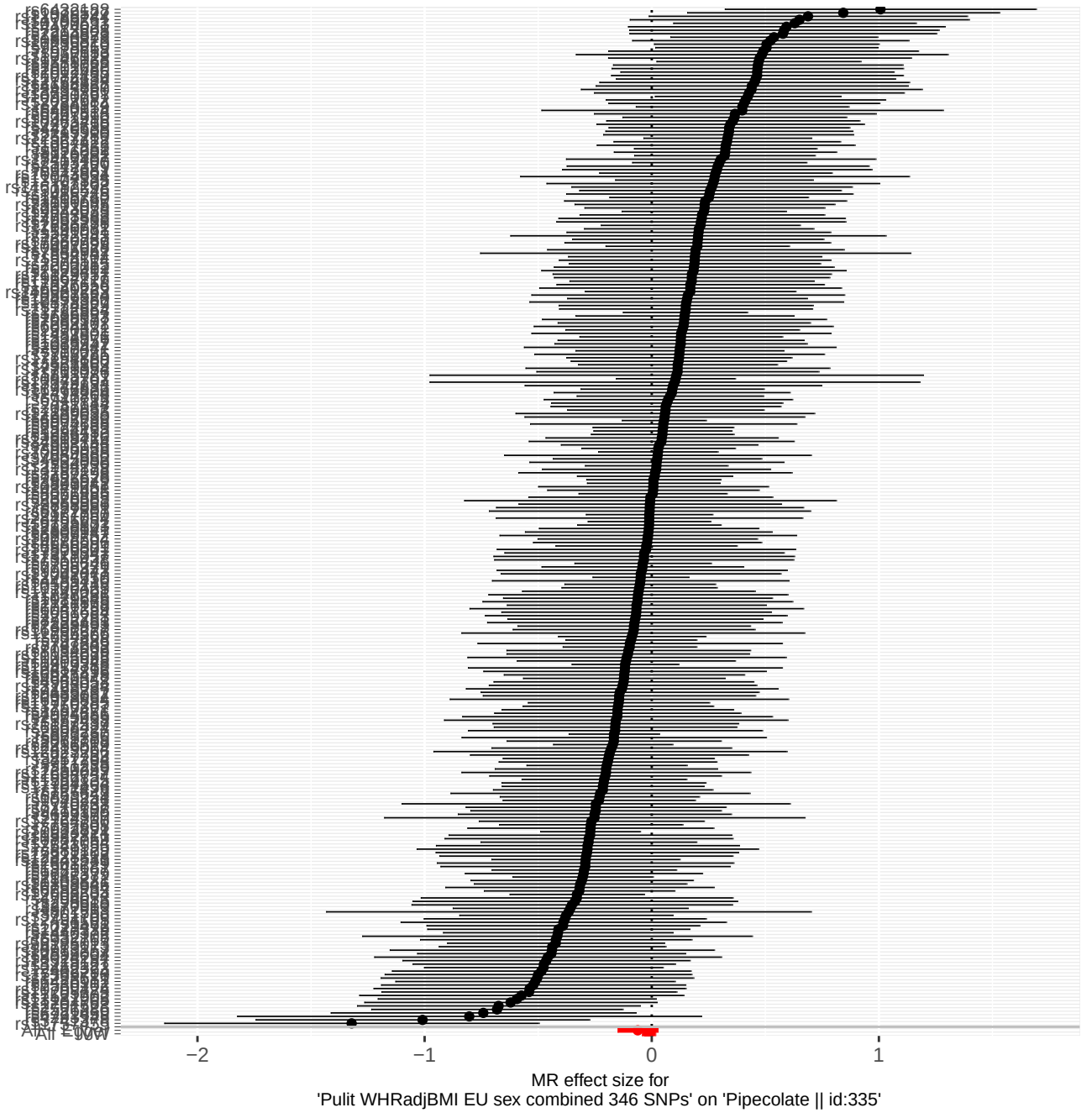

All - IVW
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Nonadecanoate (19:0) || id:330'

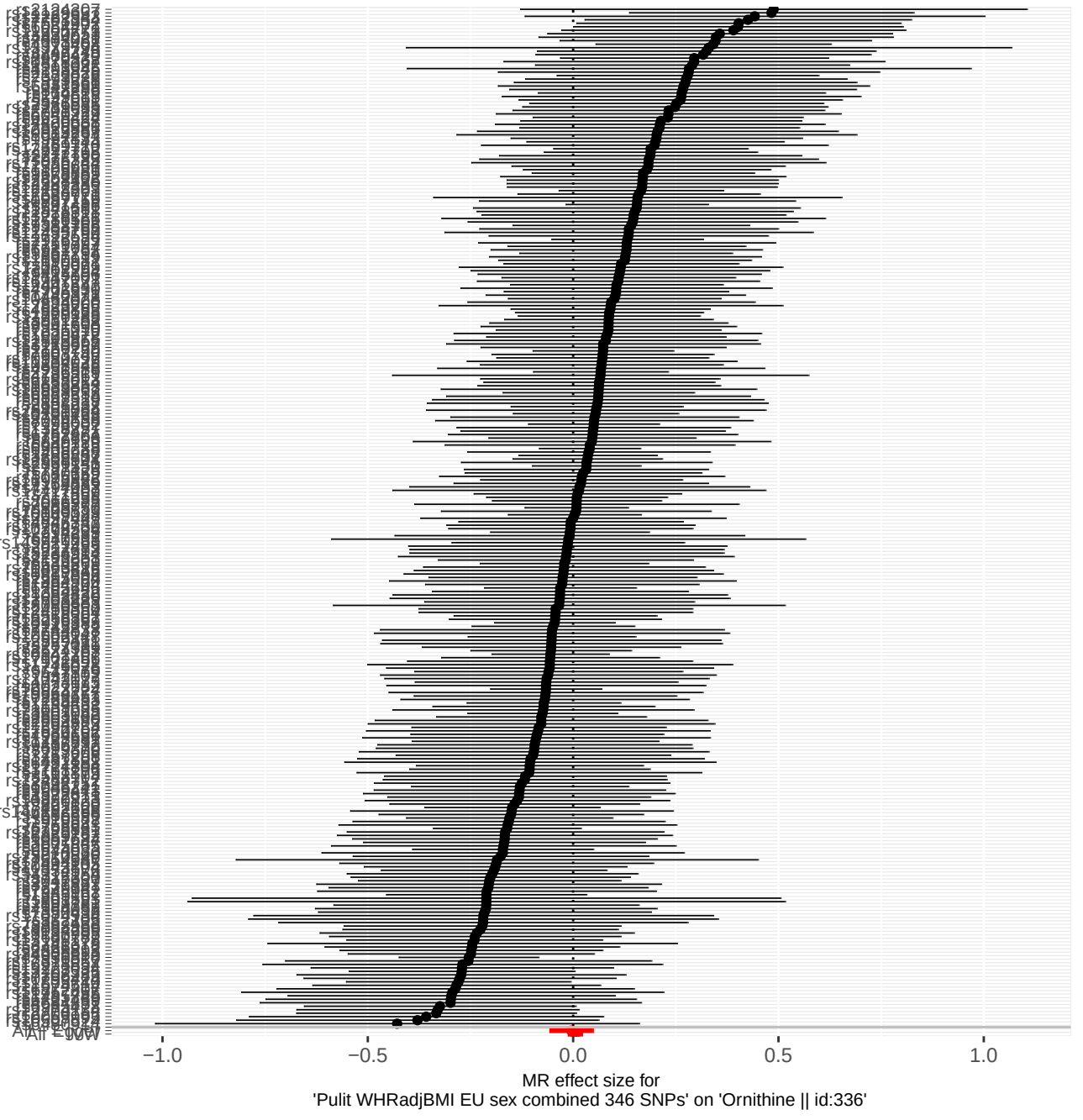

−1.0
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Stearate (18:0) || id:331'

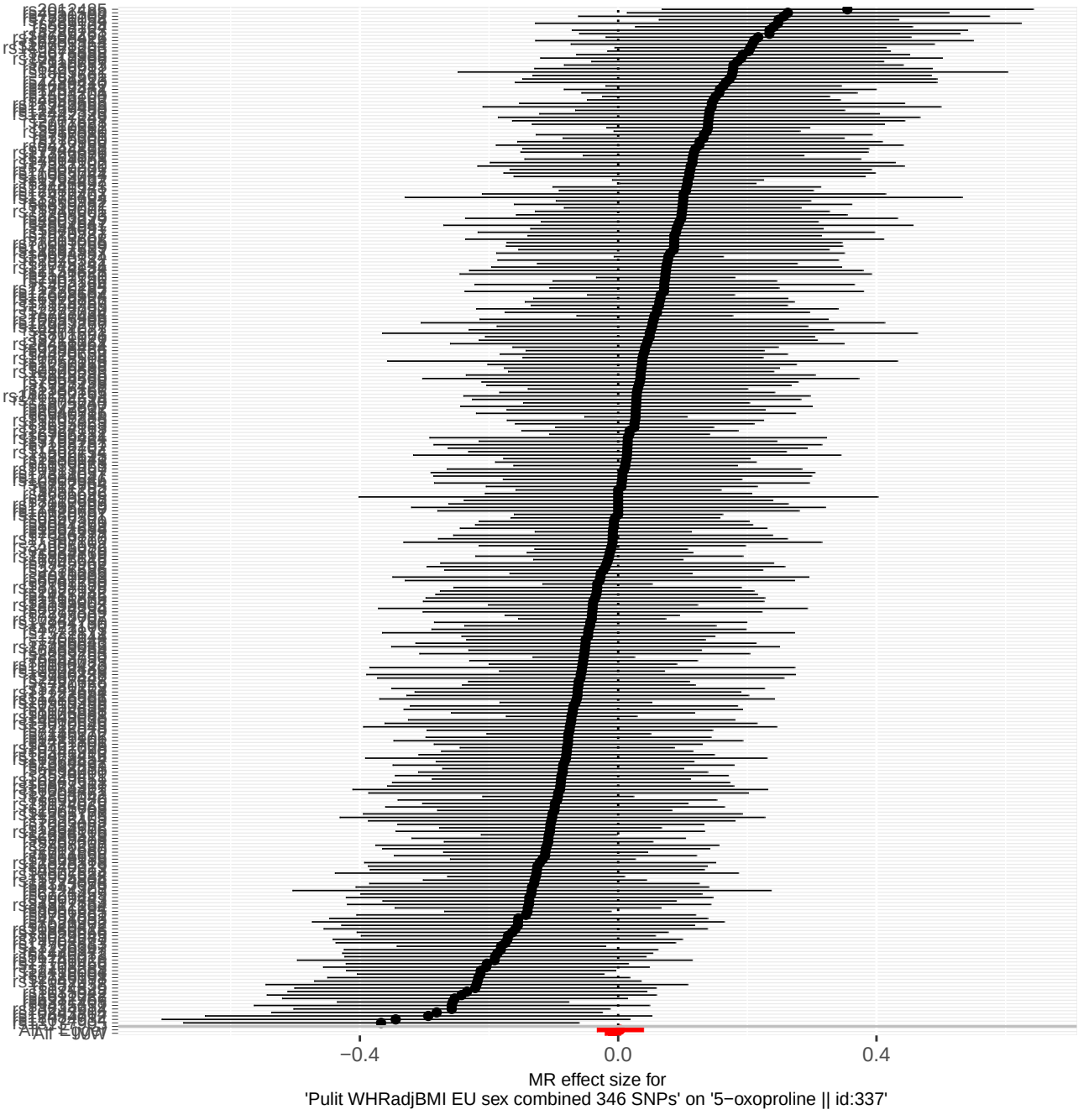

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Oleate (18:1n9) || id:332'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pentadecanoate (15:0) || id:333'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Myristate (14:0) || id:334'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pipecolate || id:335'


−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Ornithine || id:336'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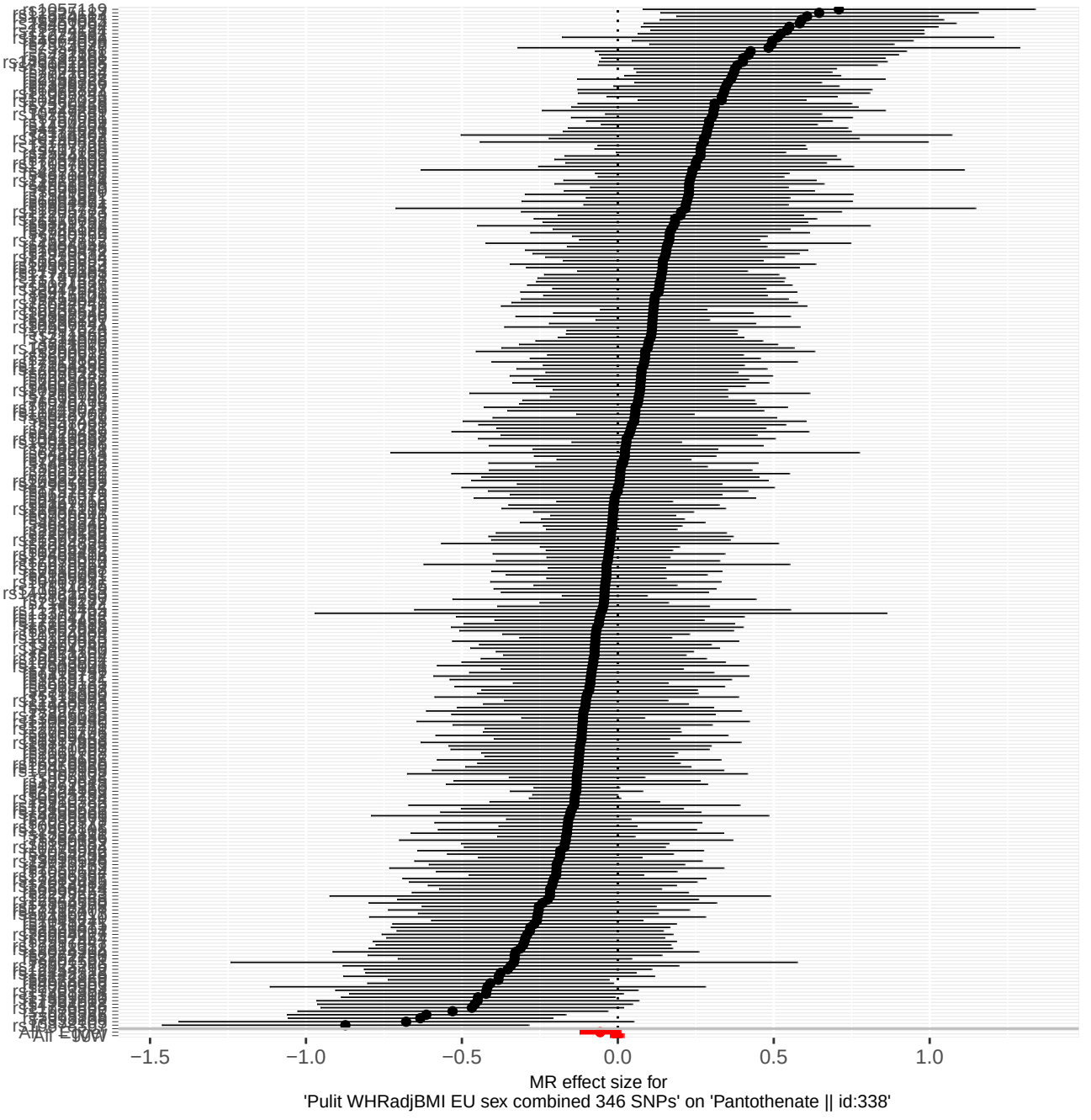
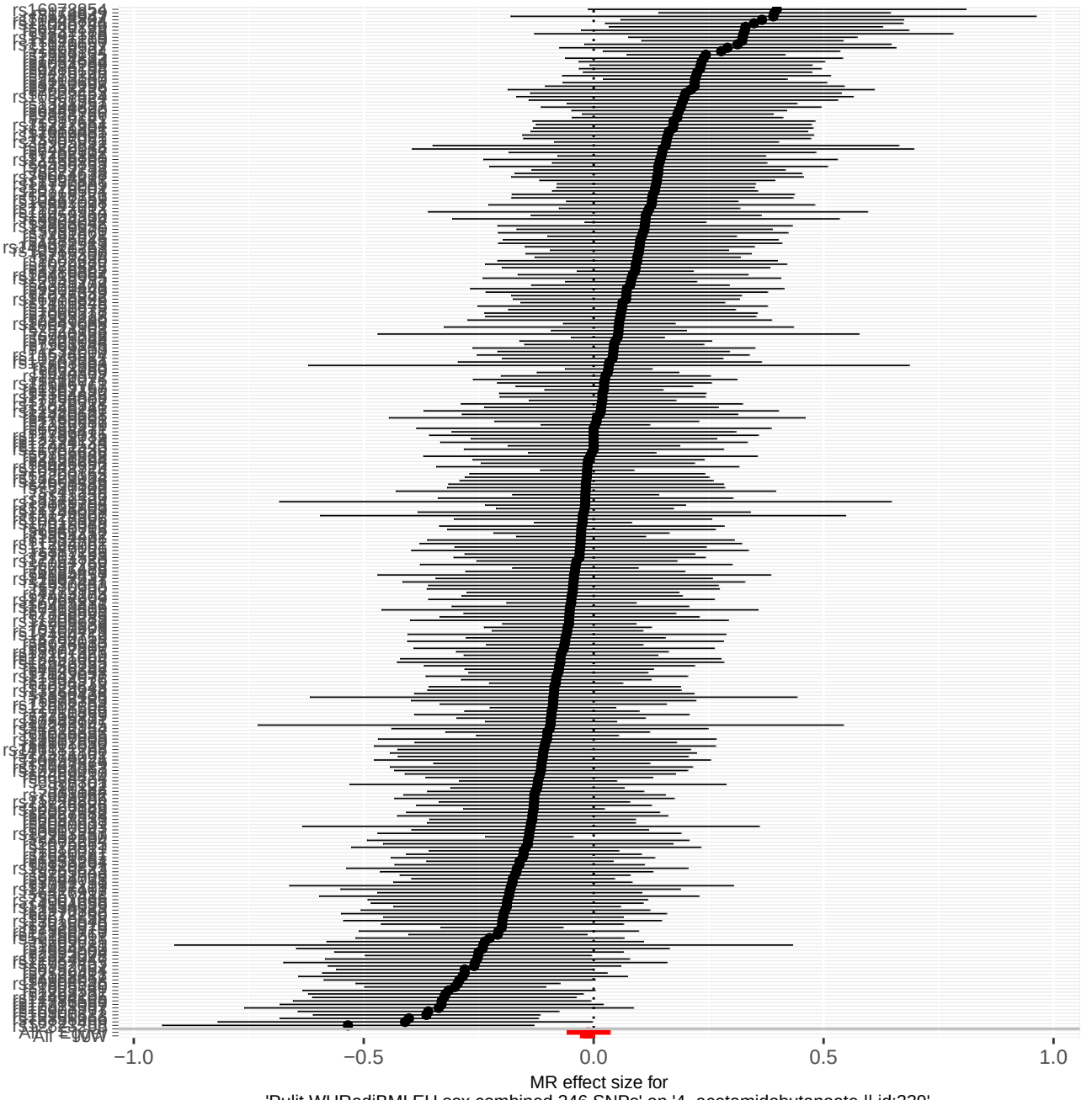
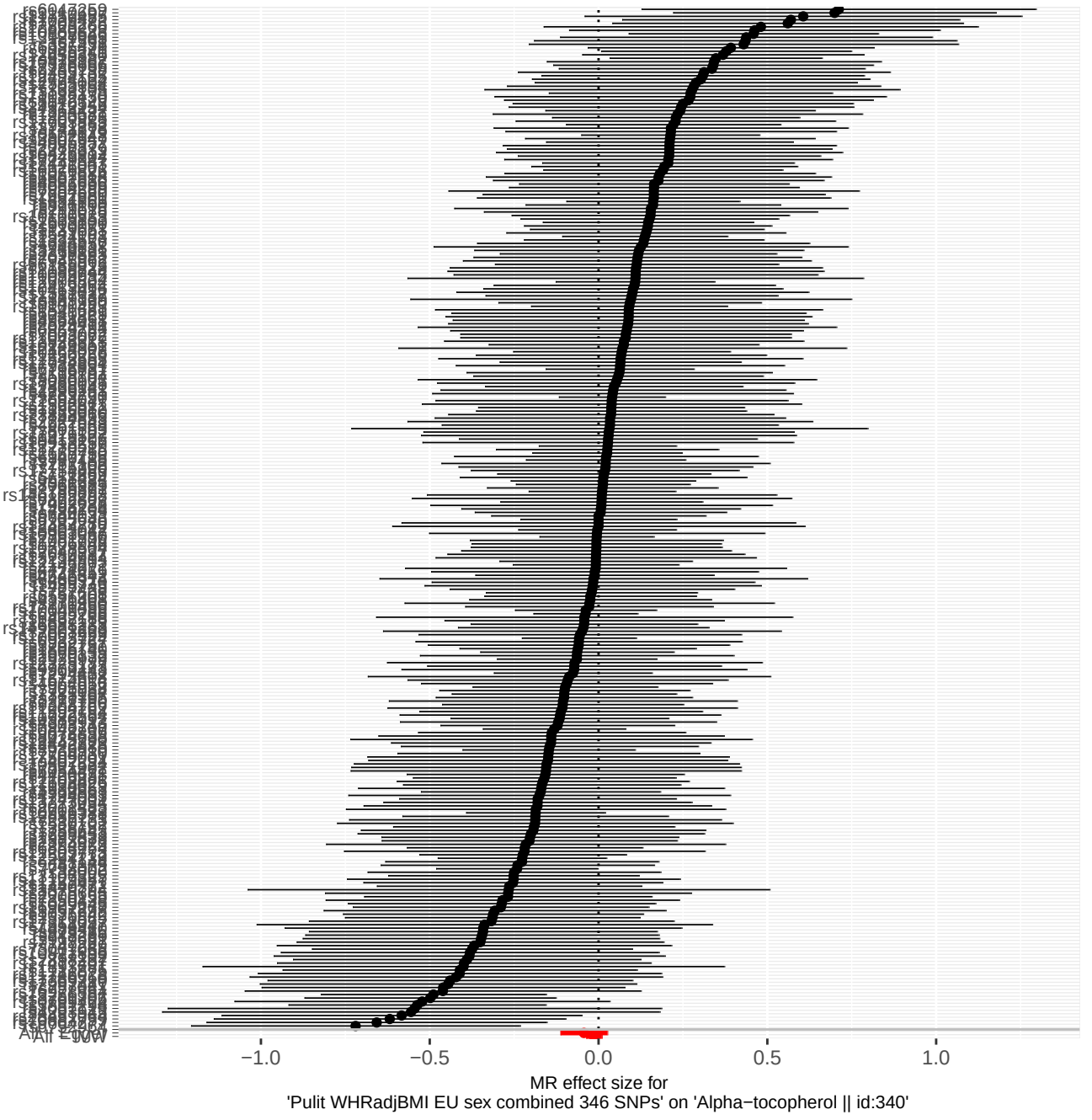
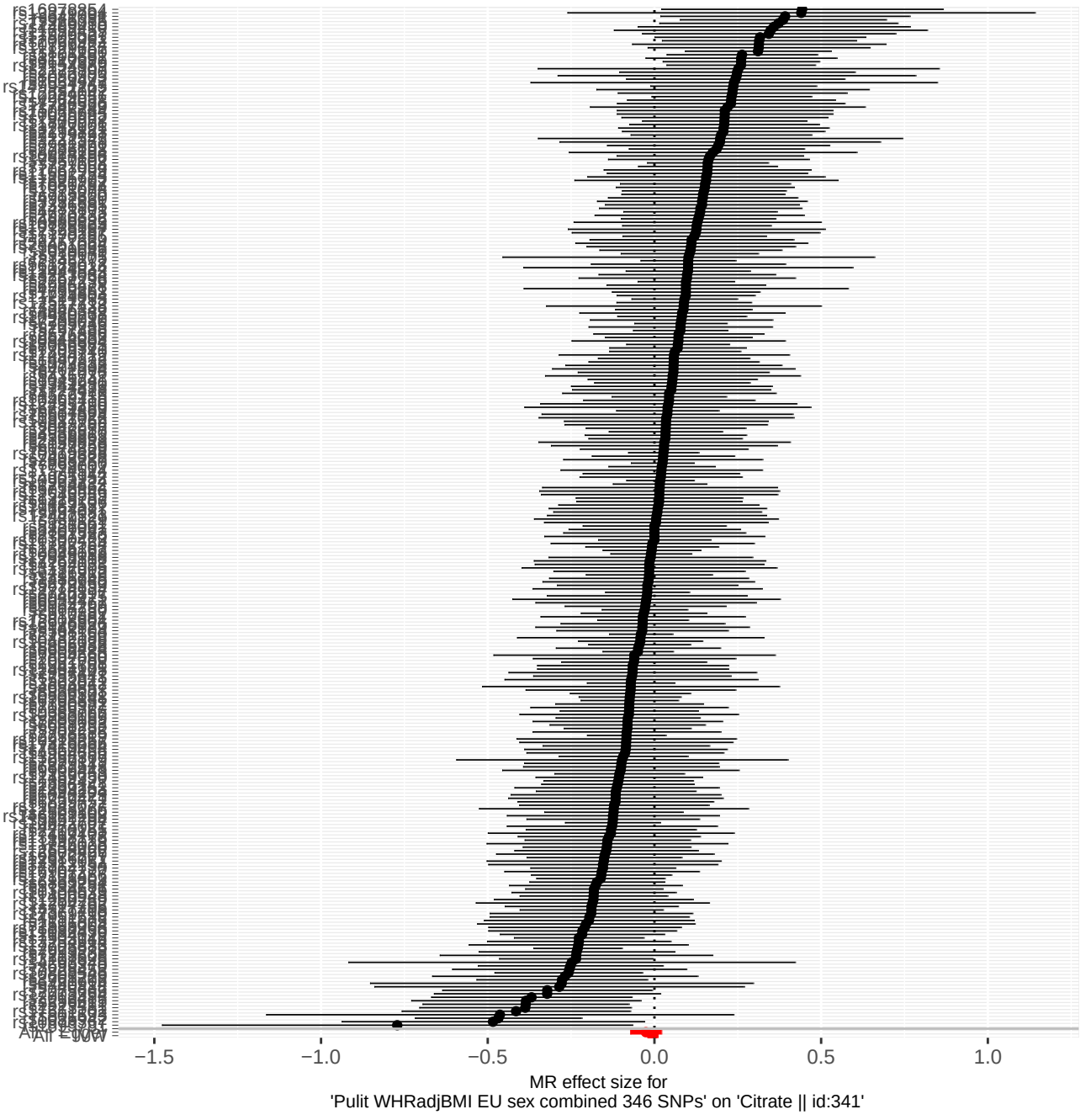
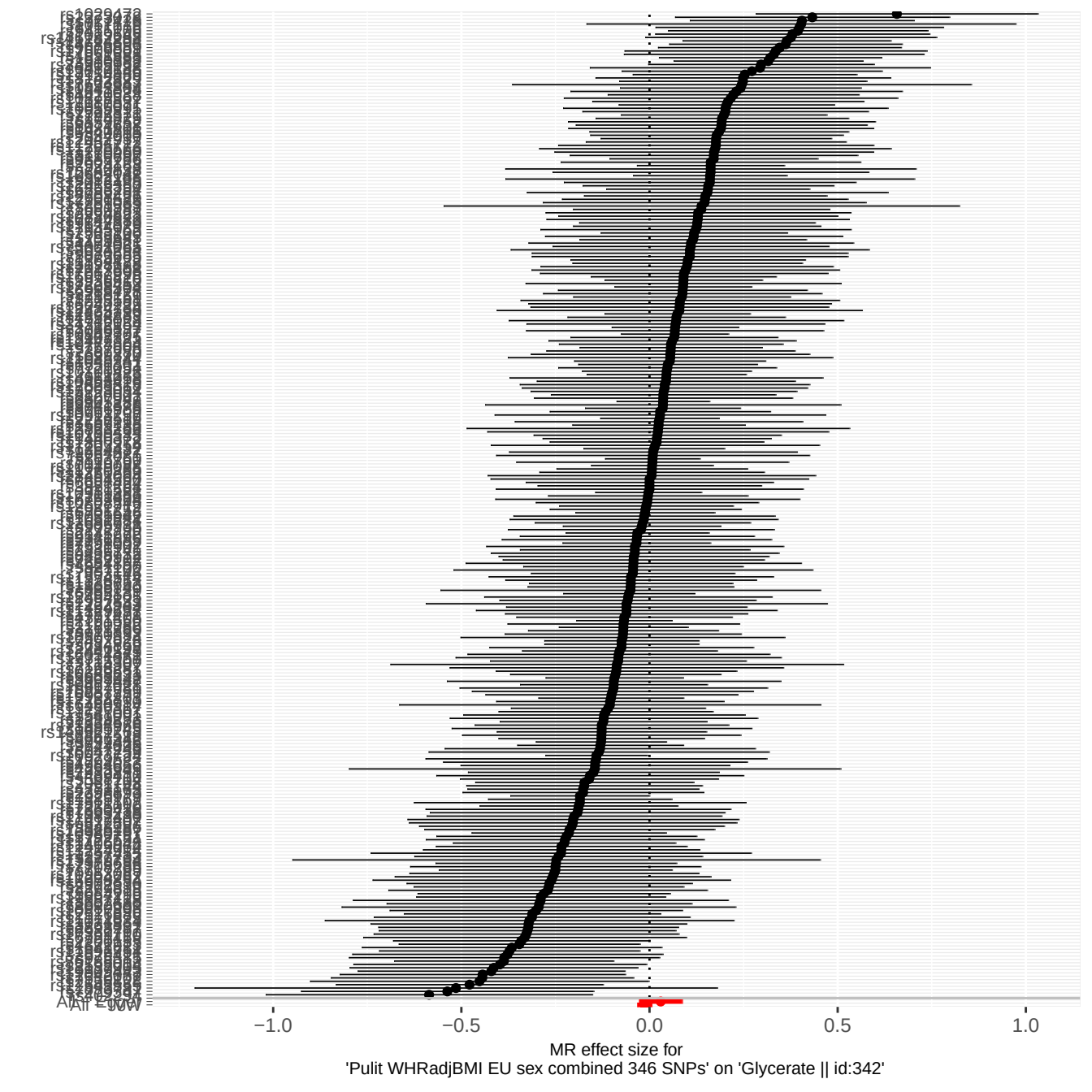
0.0
0.4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '5−oxoproline || id:337'

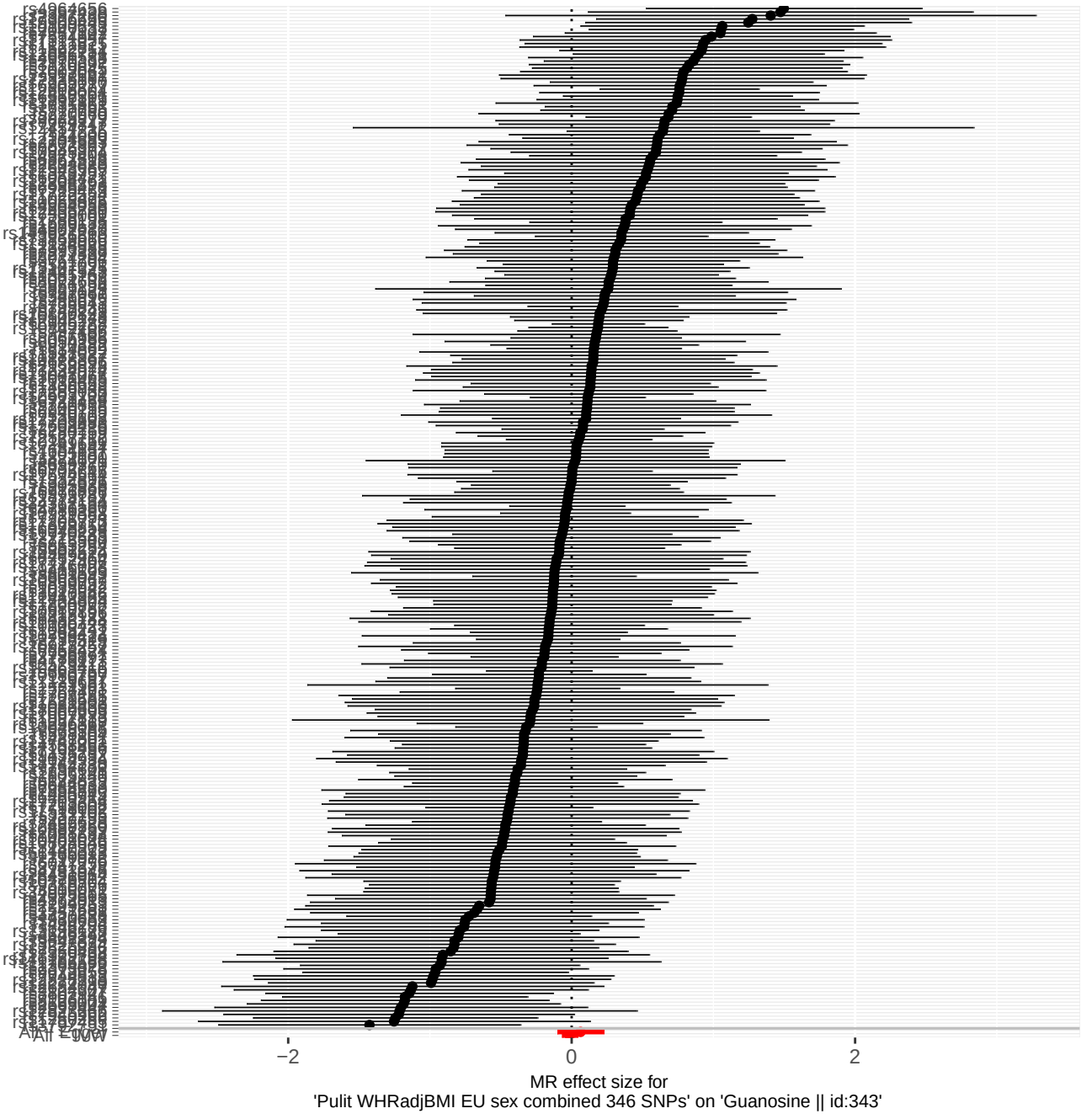

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pantothenate || id:338'

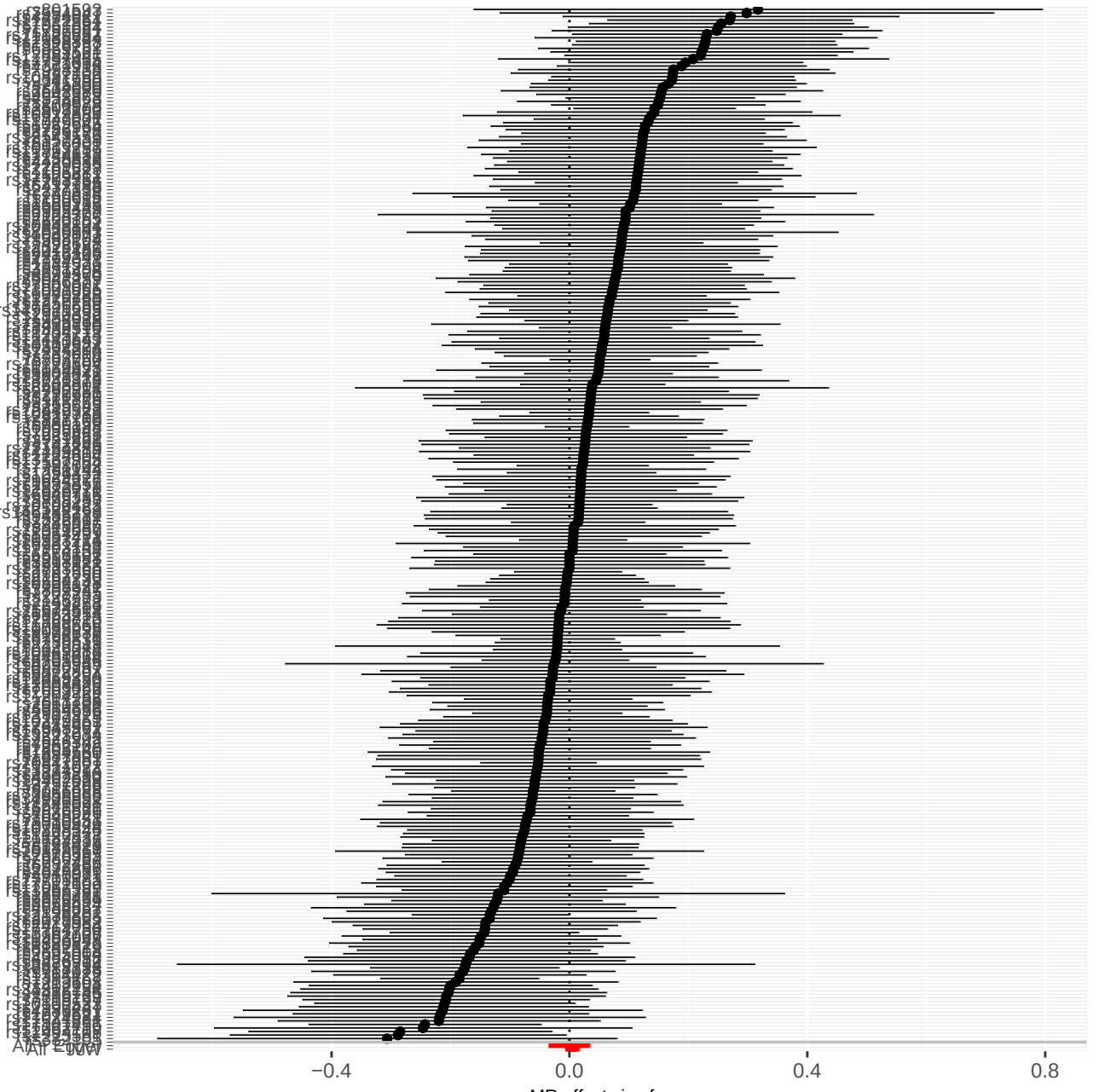

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '4−acetamidobutanoate || id:339'

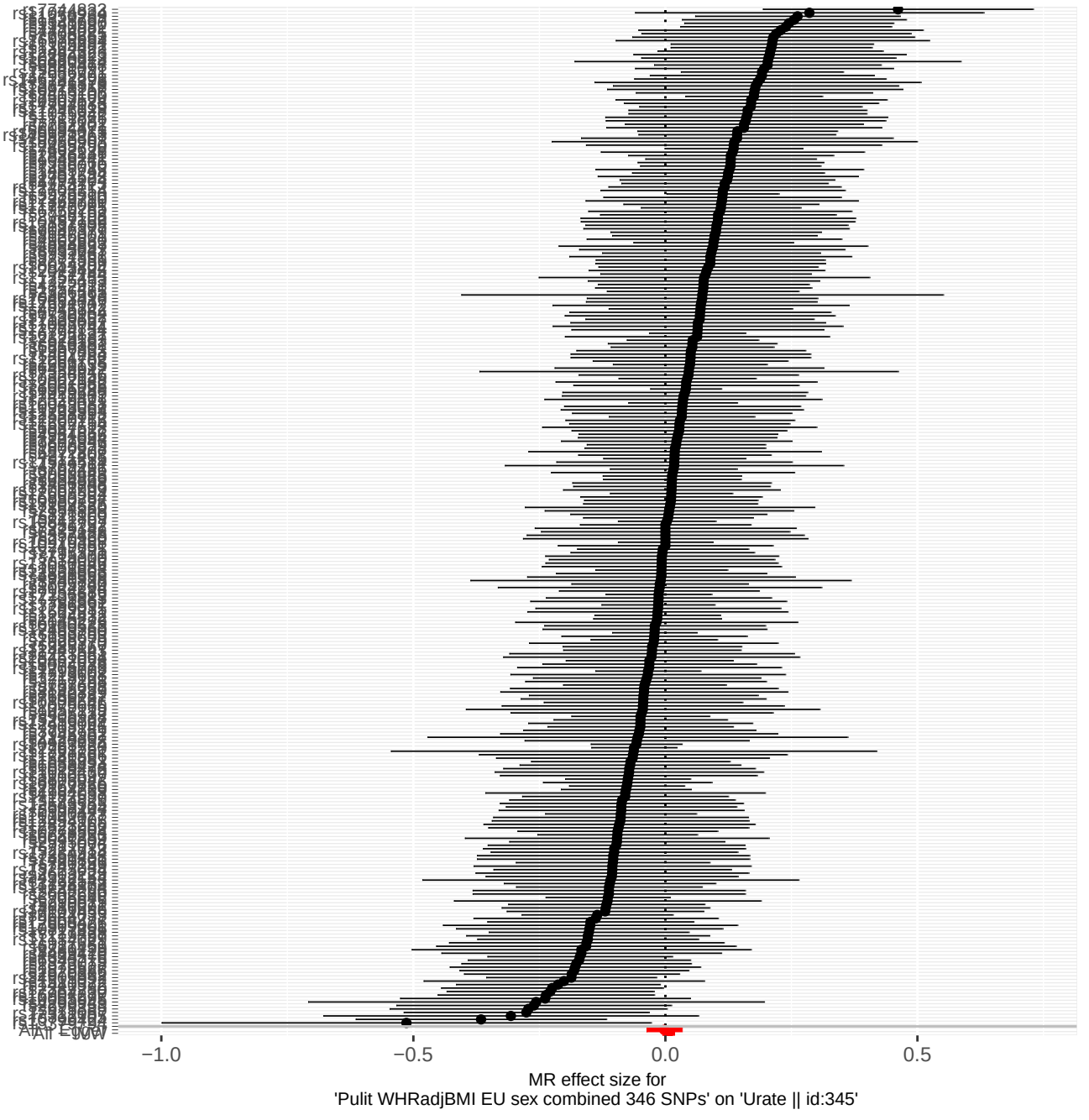

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Alpha−tocopherol || id:340'

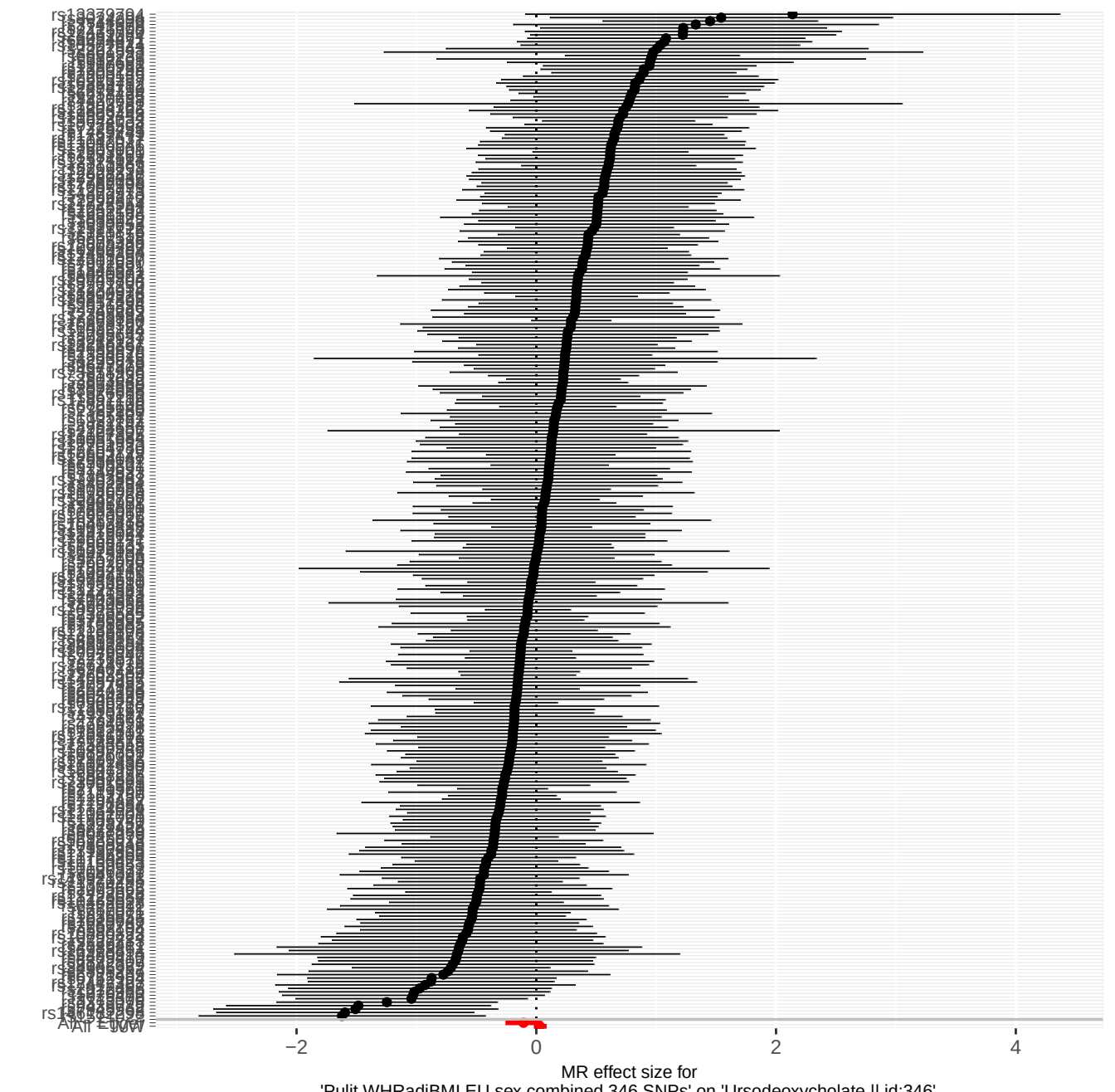

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Citrate || id:341'

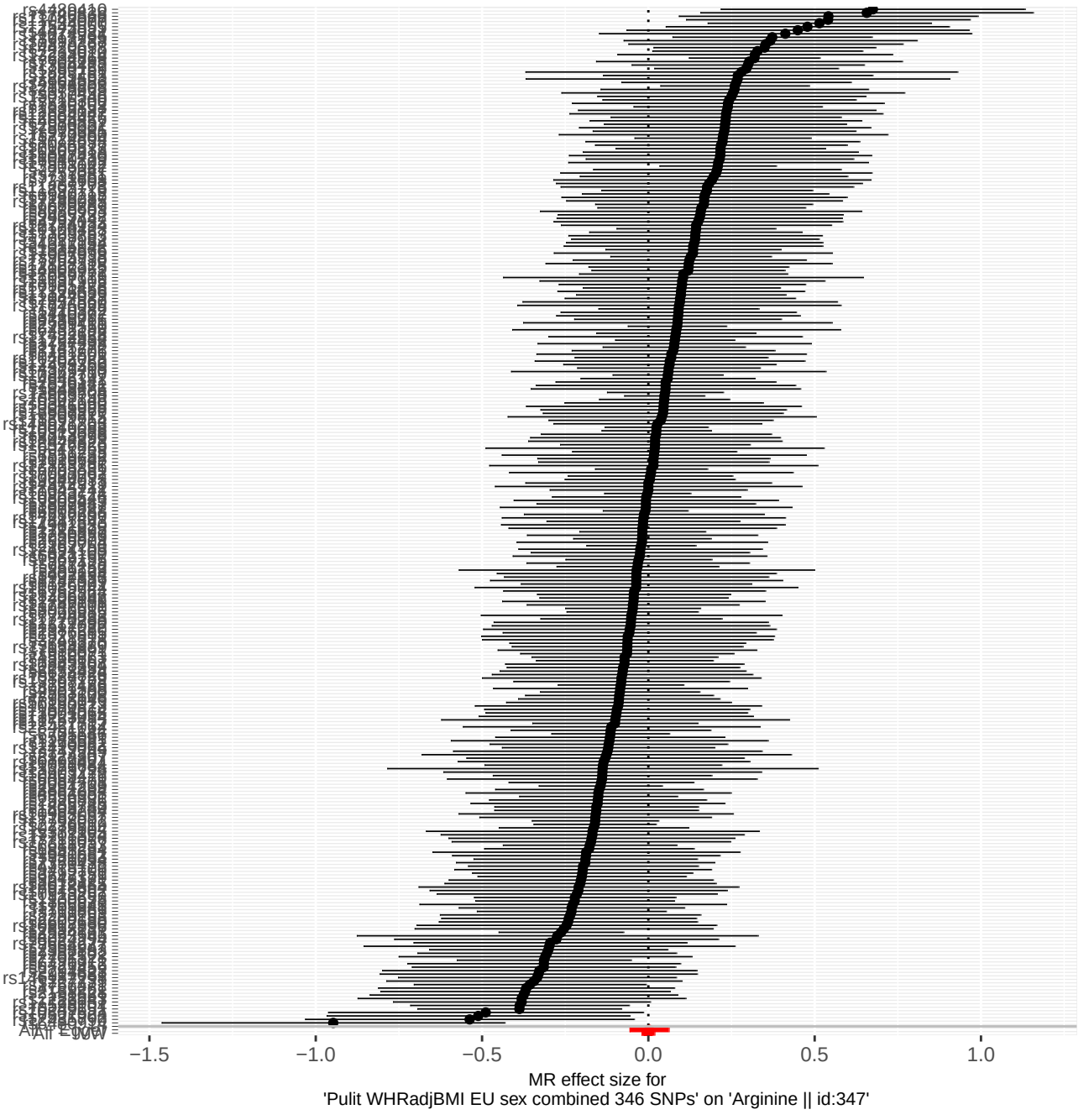

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glycerate || id:342'

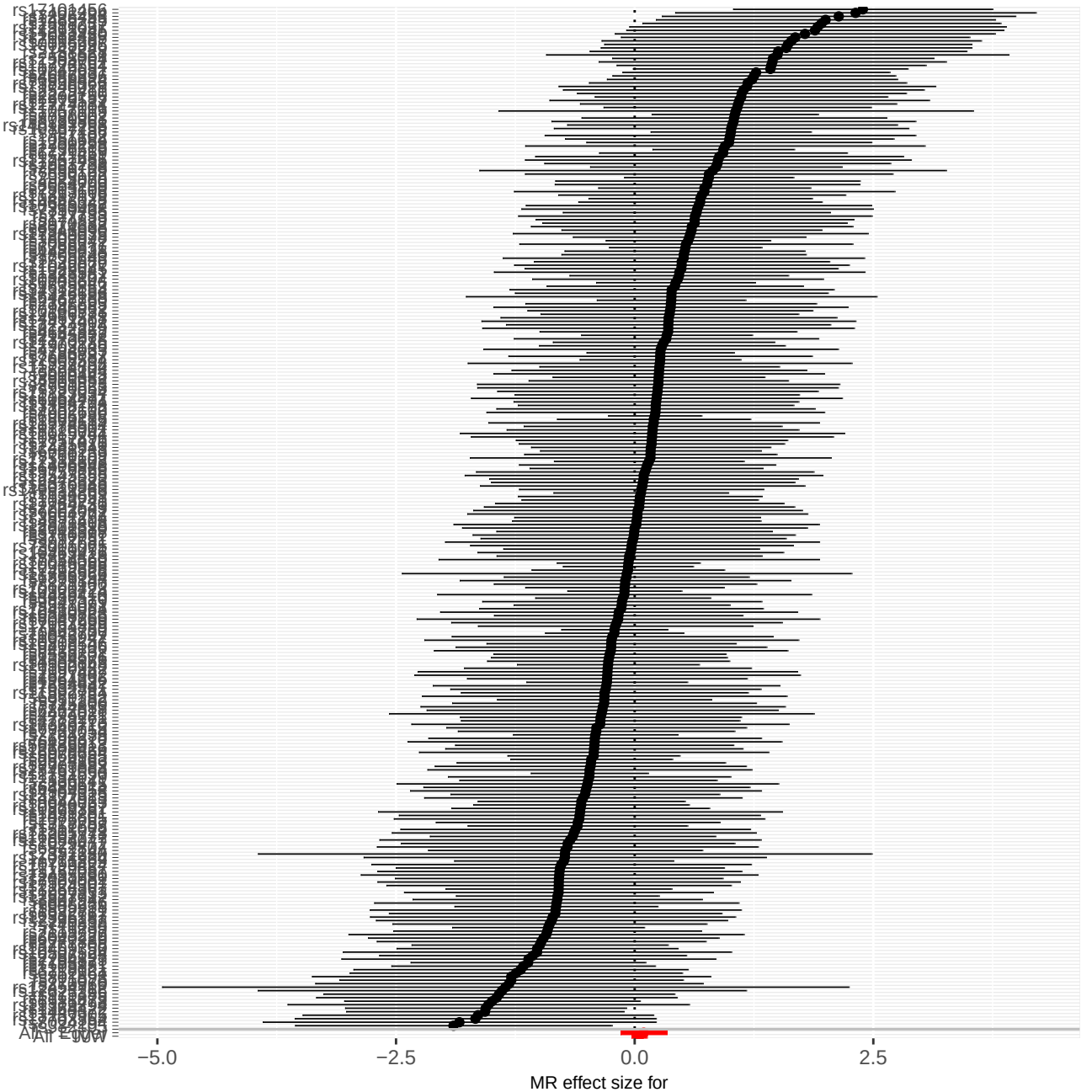

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Guanosine || id:343'

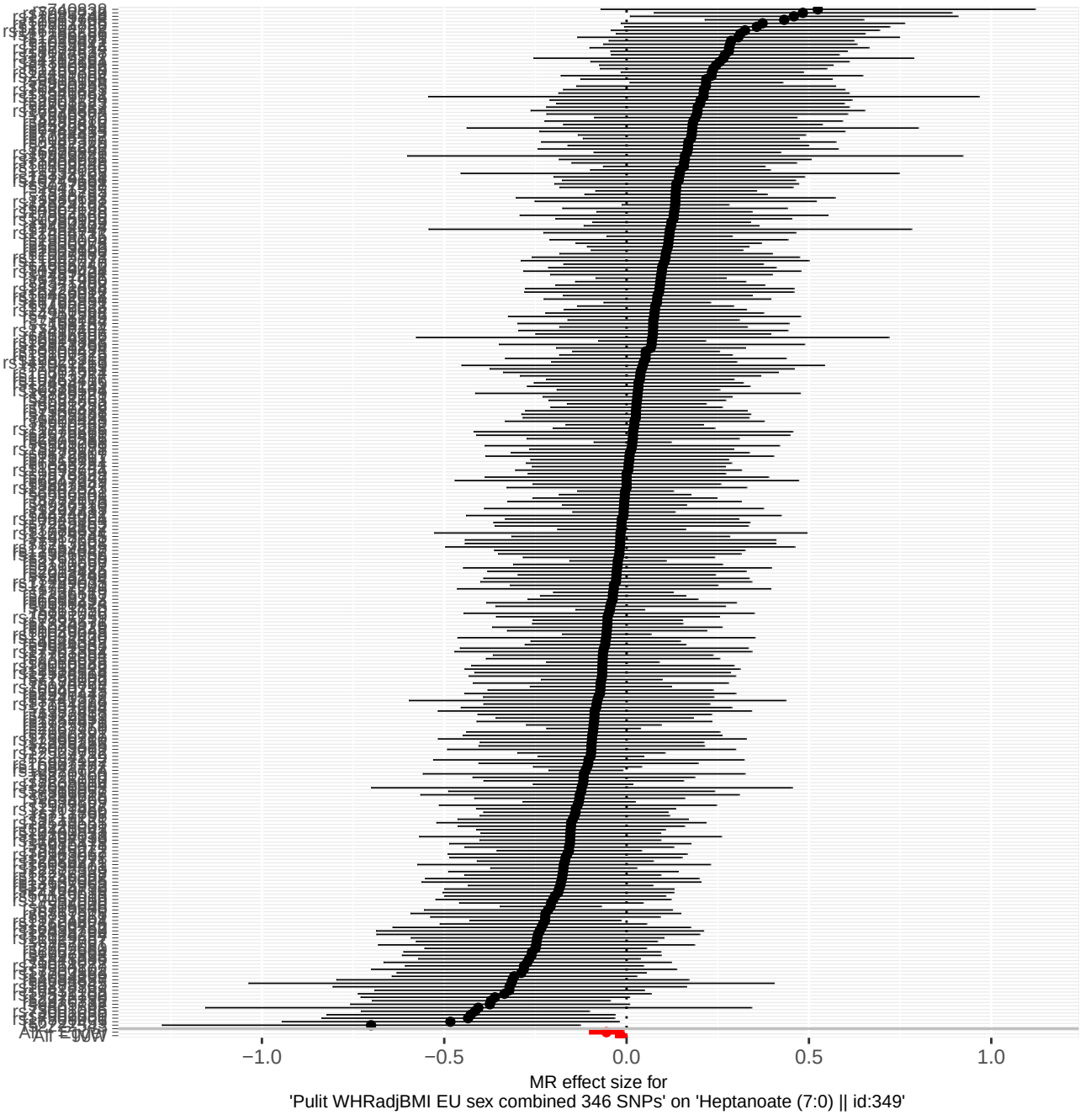

−0.4
0.0
0.4
0.8
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'N−acetylalanine || id:344'

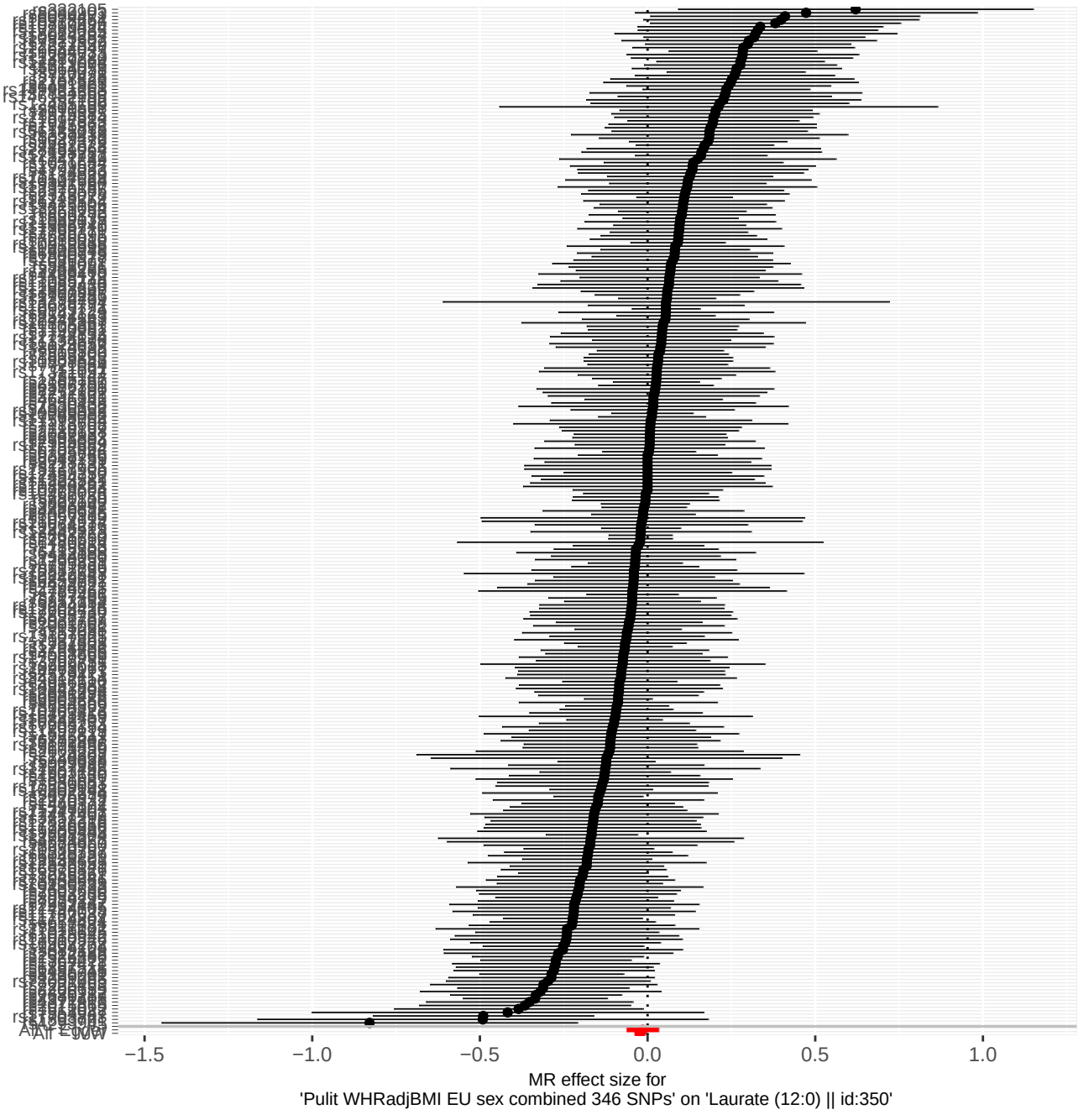

−1.0
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Urate || id:345'

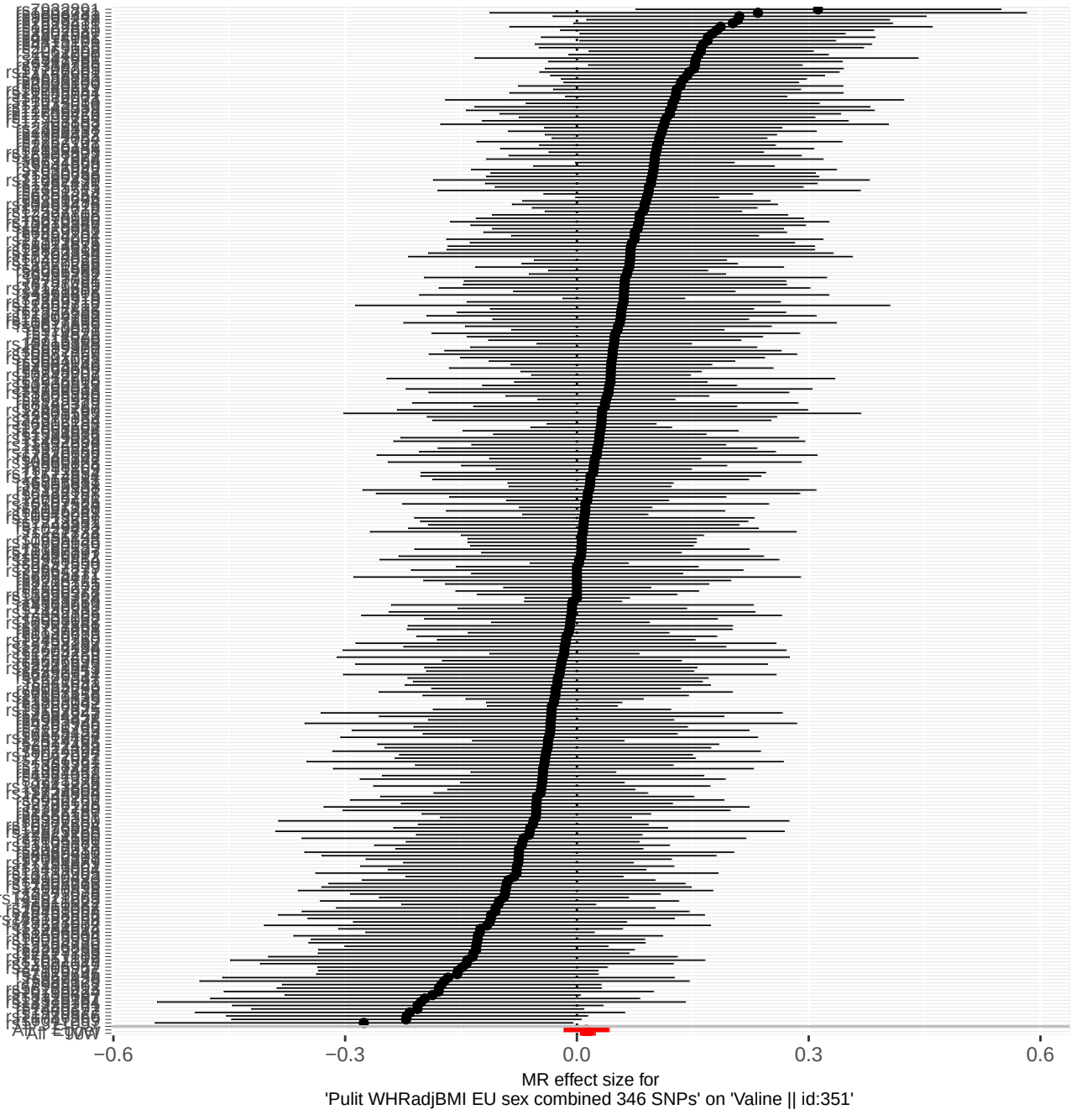

−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Ursodeoxycholate || id:346'

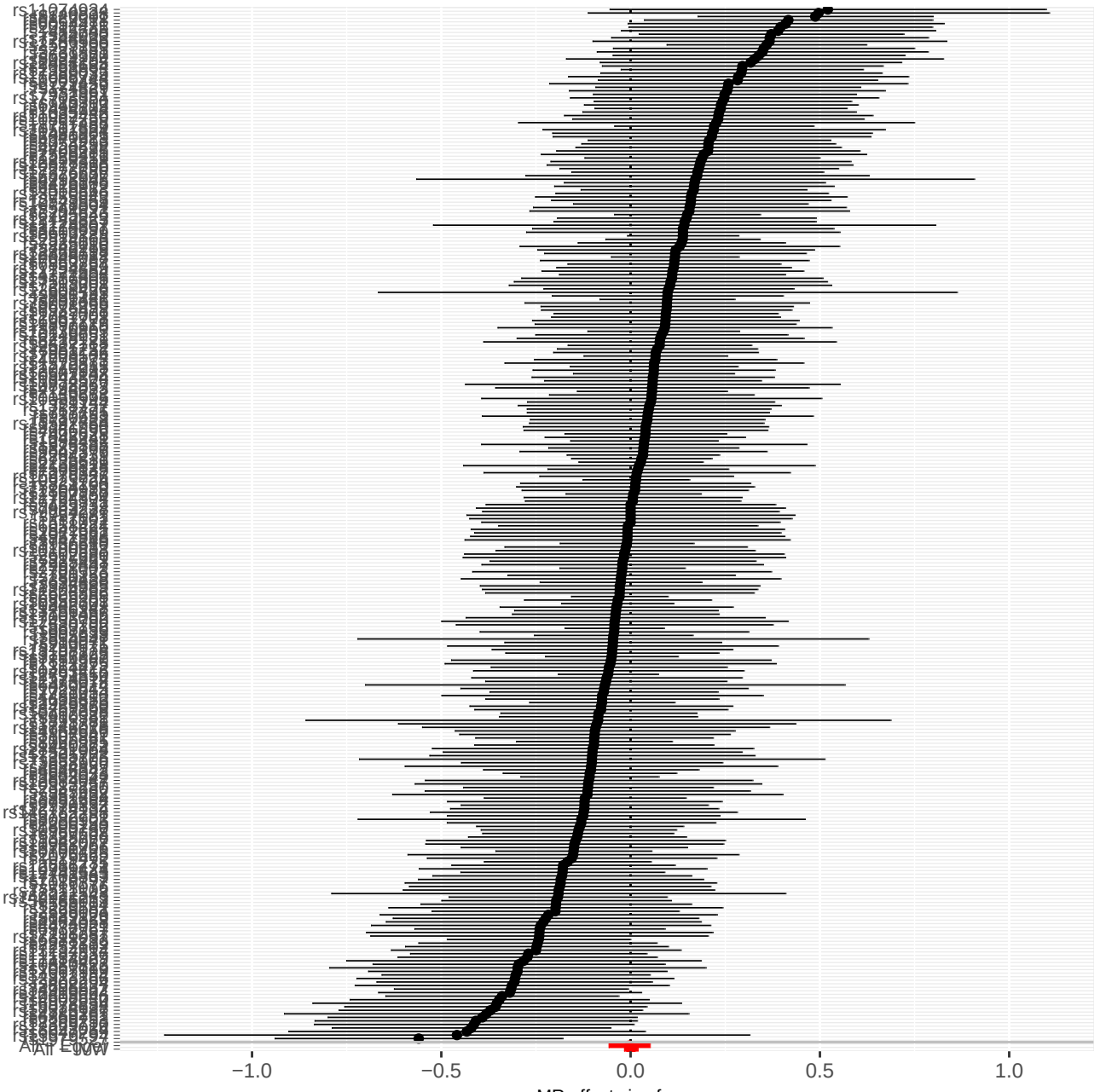

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Arginine || id:347'

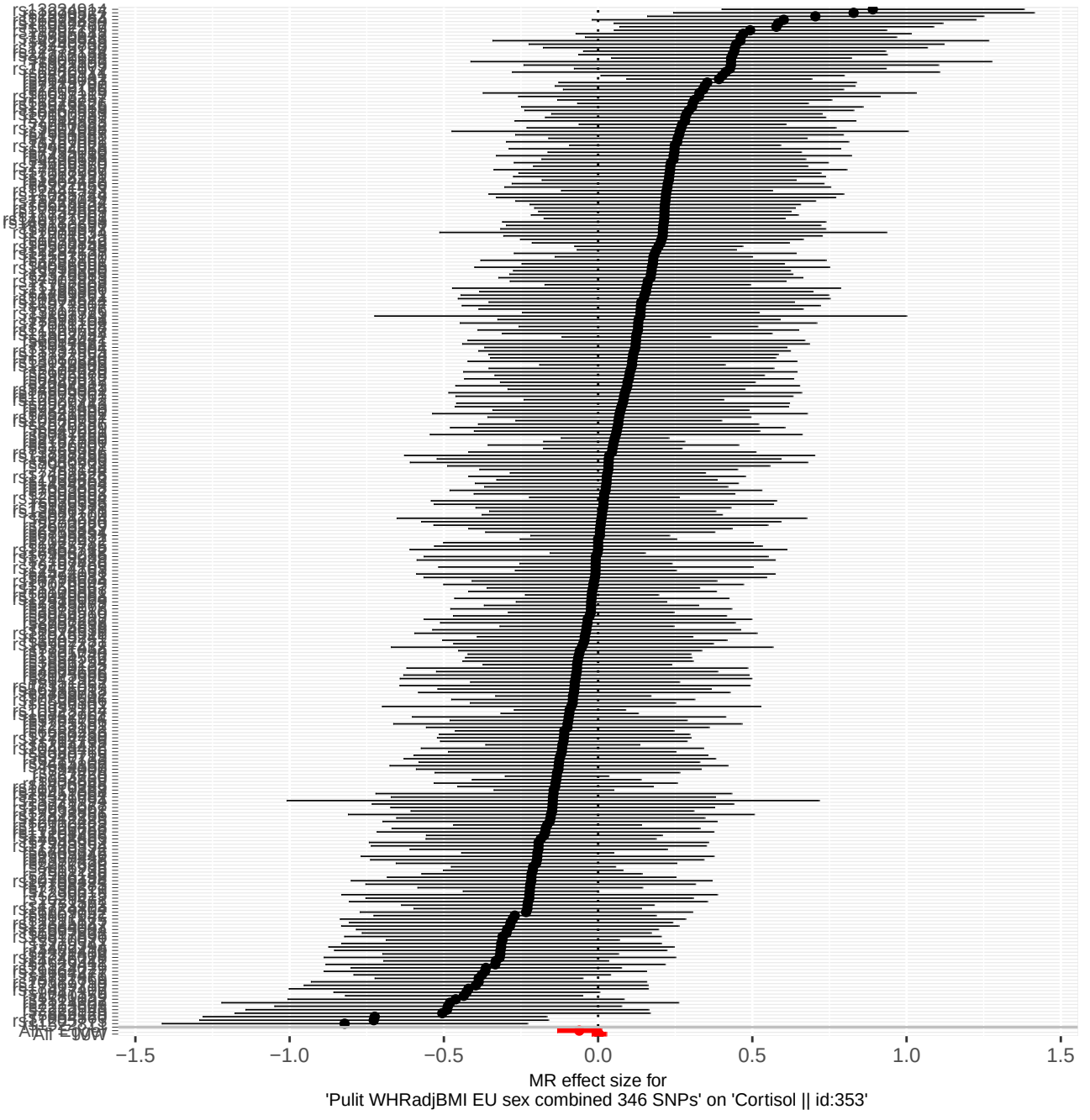

−5.0
−2.5
0.0
2.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Ascorbate (Vitamin C) || id:348'

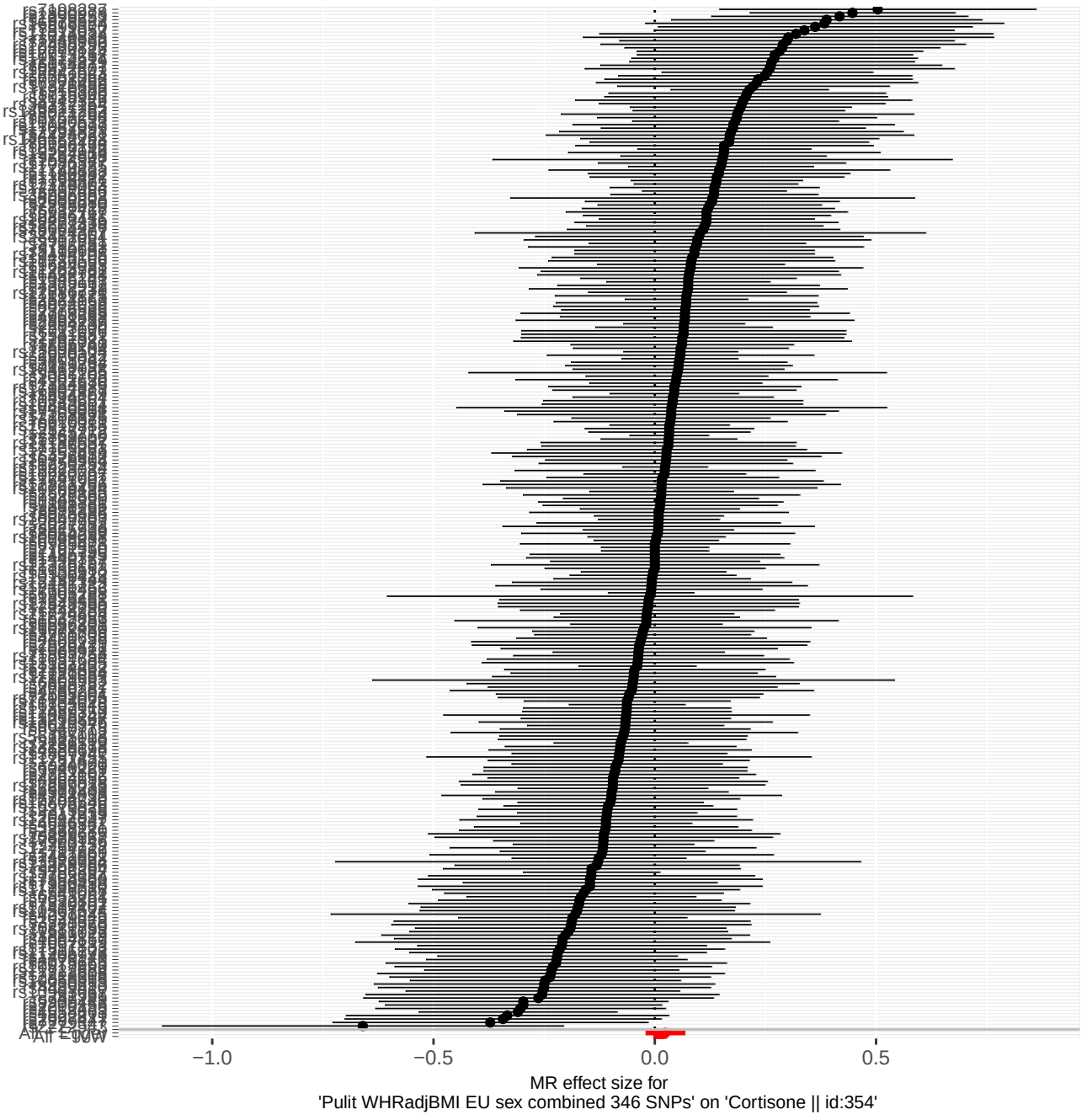

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Heptanoate (7:0) || id:349'

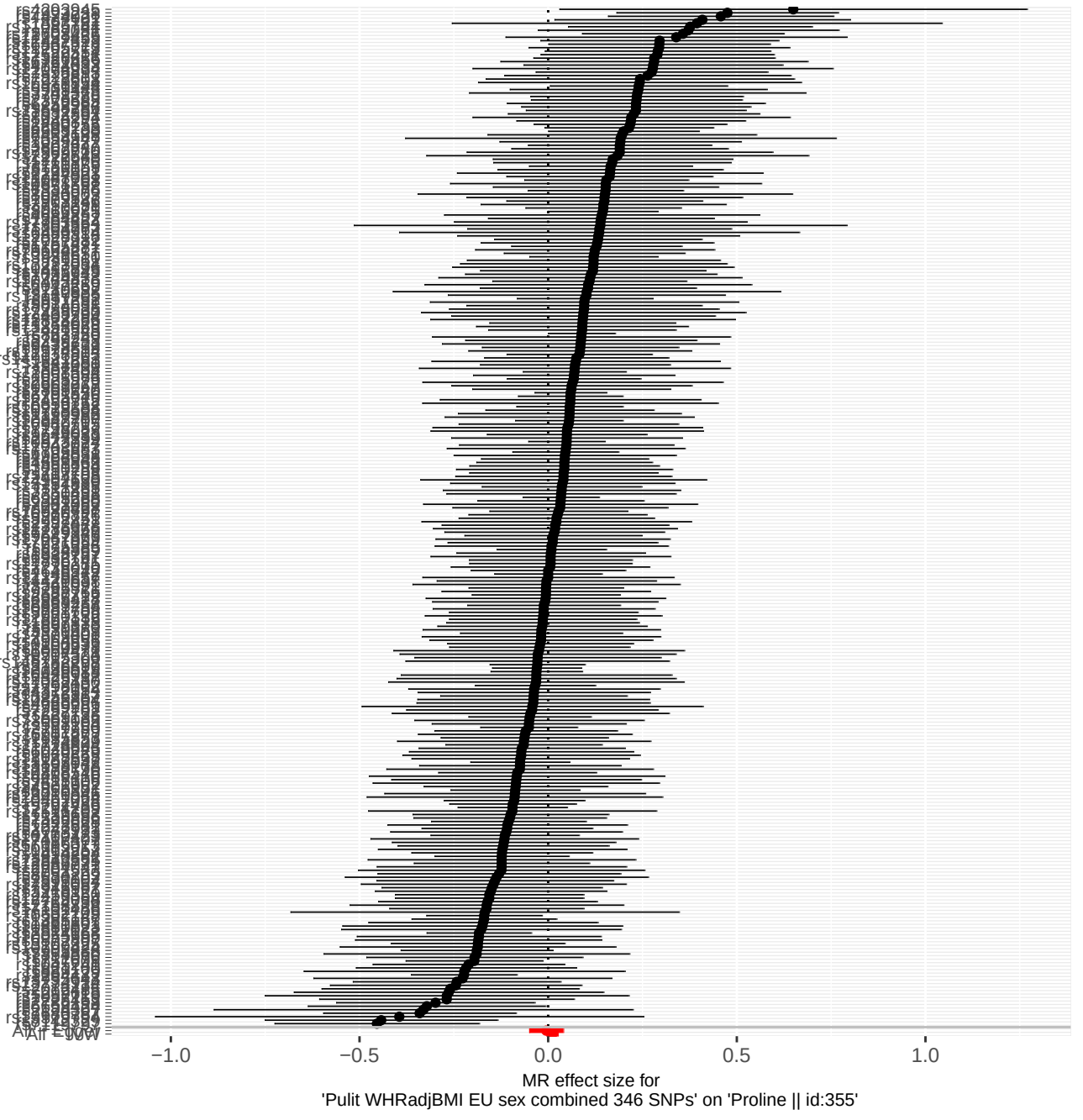

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Laurate (12:0) || id:350'

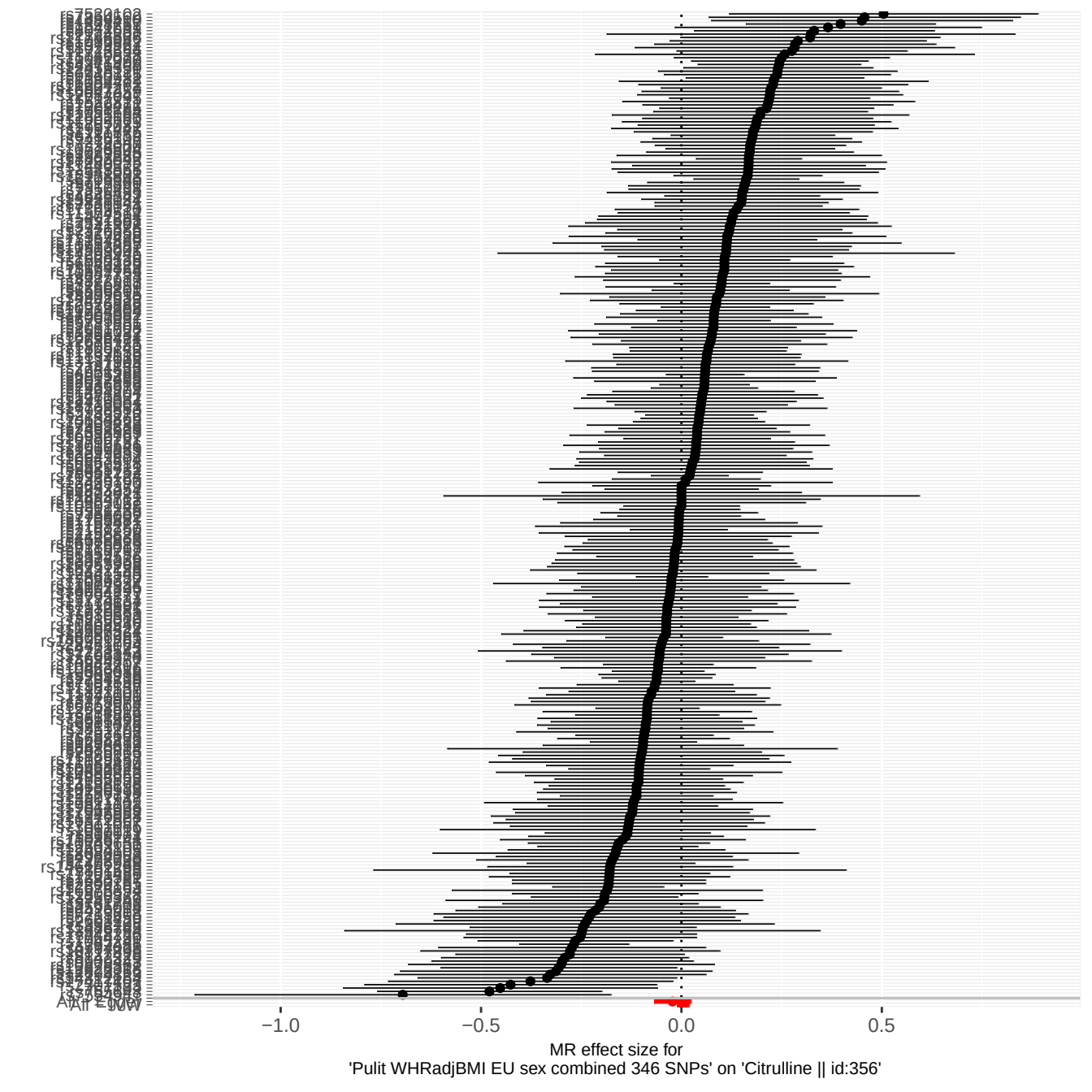

−0.6
−0.3
0.0
0.3
0.6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Valine || id:351'

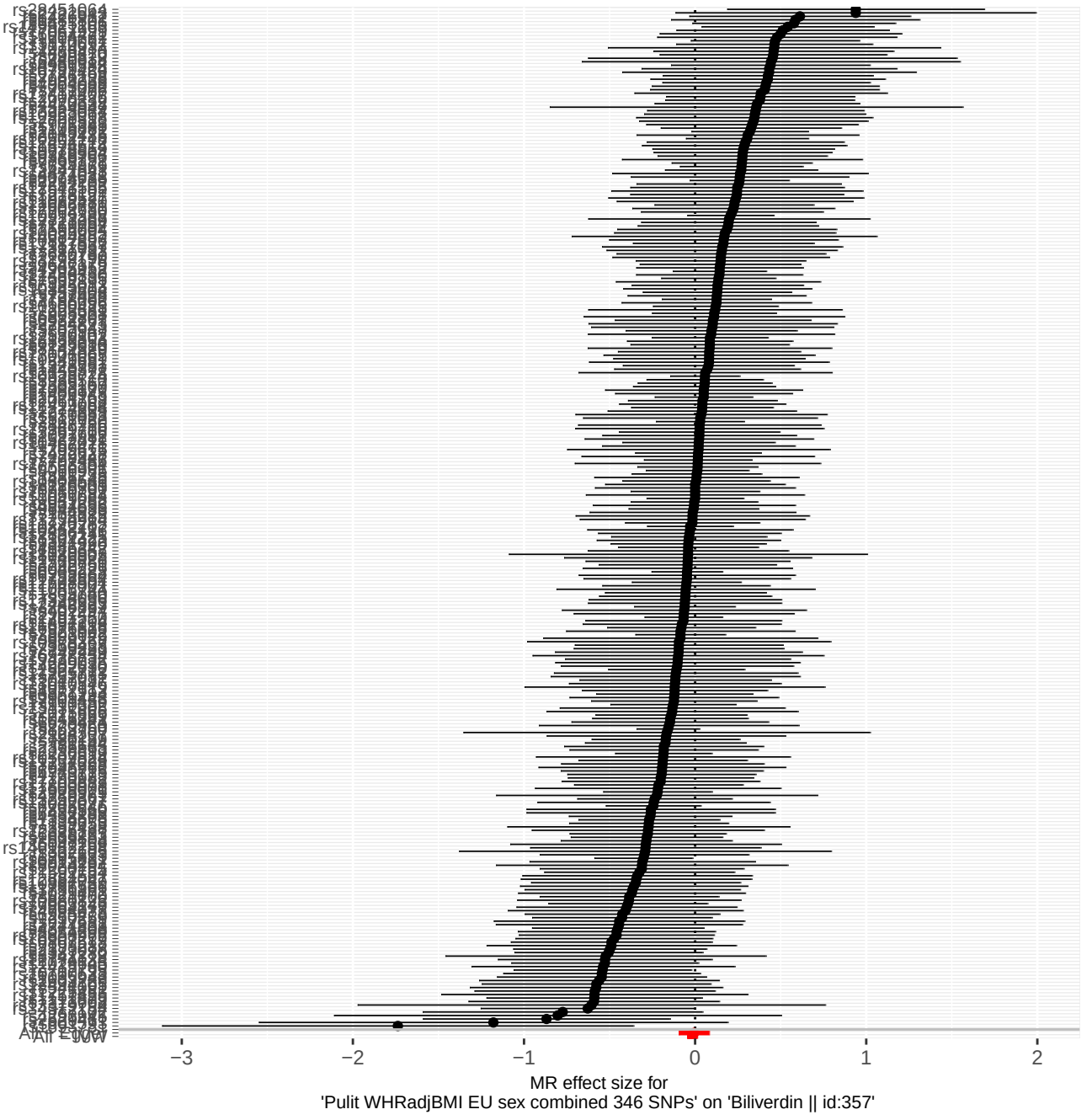

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Urea || id:352'

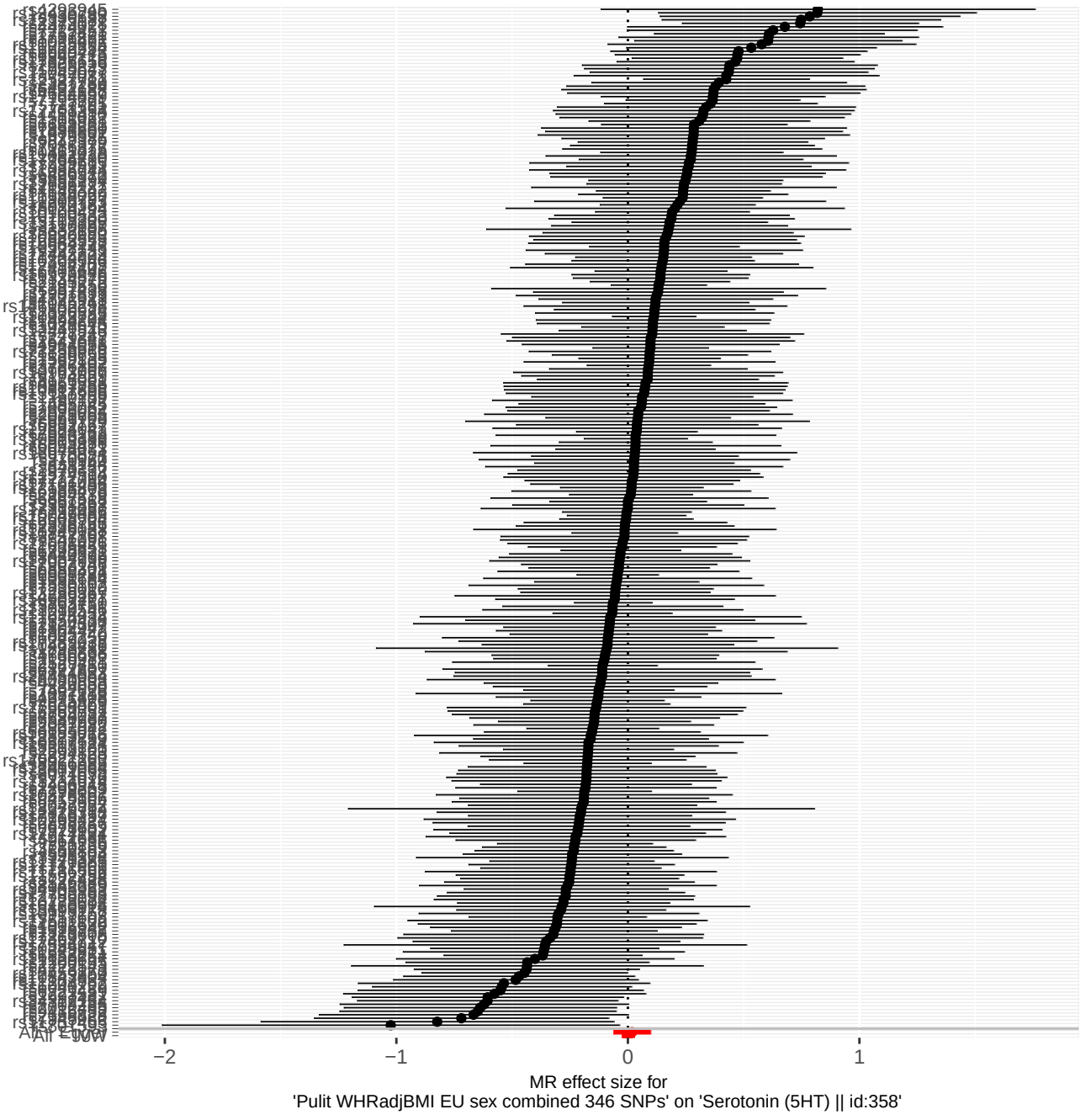

−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Cortisol || id:353'

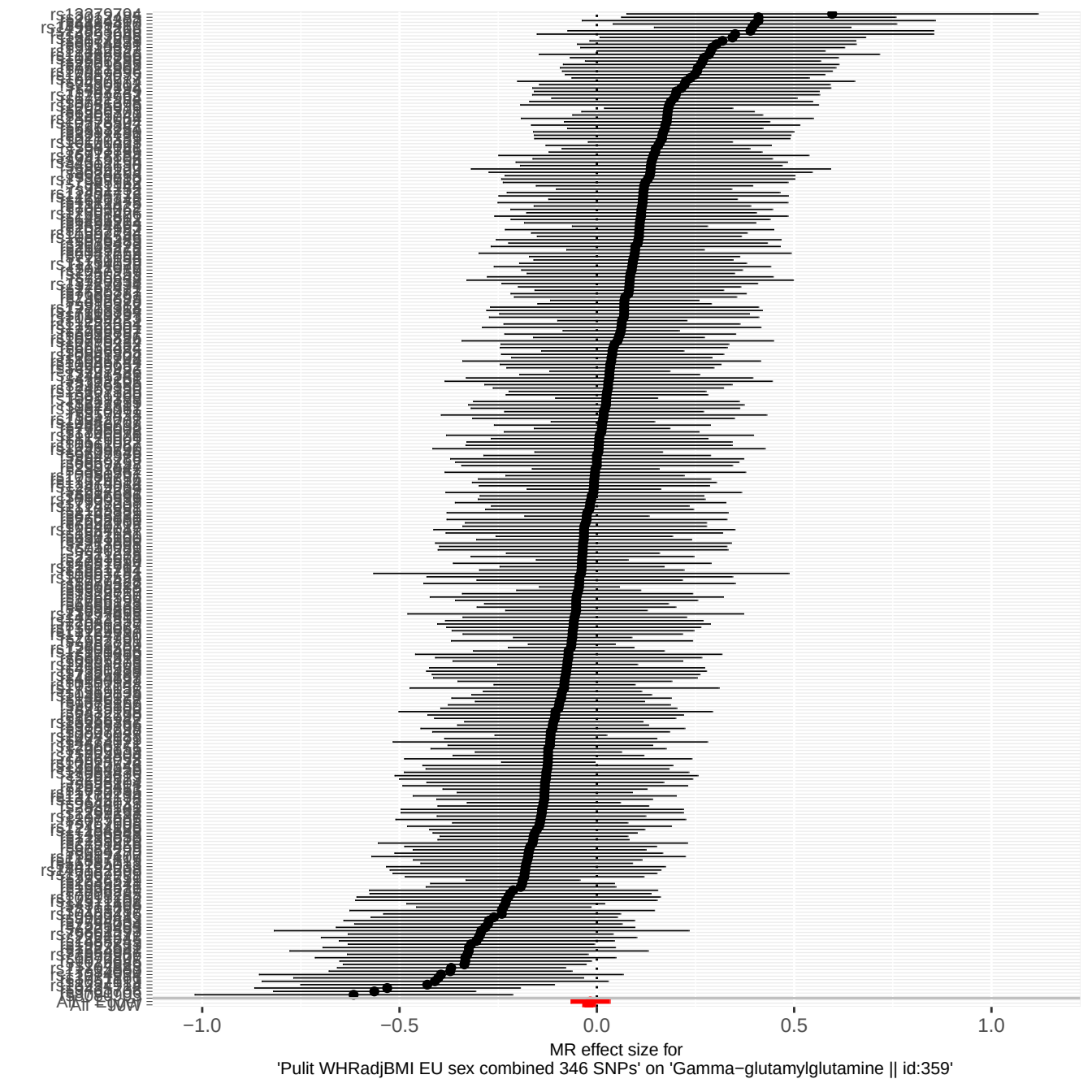

−1.0
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Cortisone || id:354'

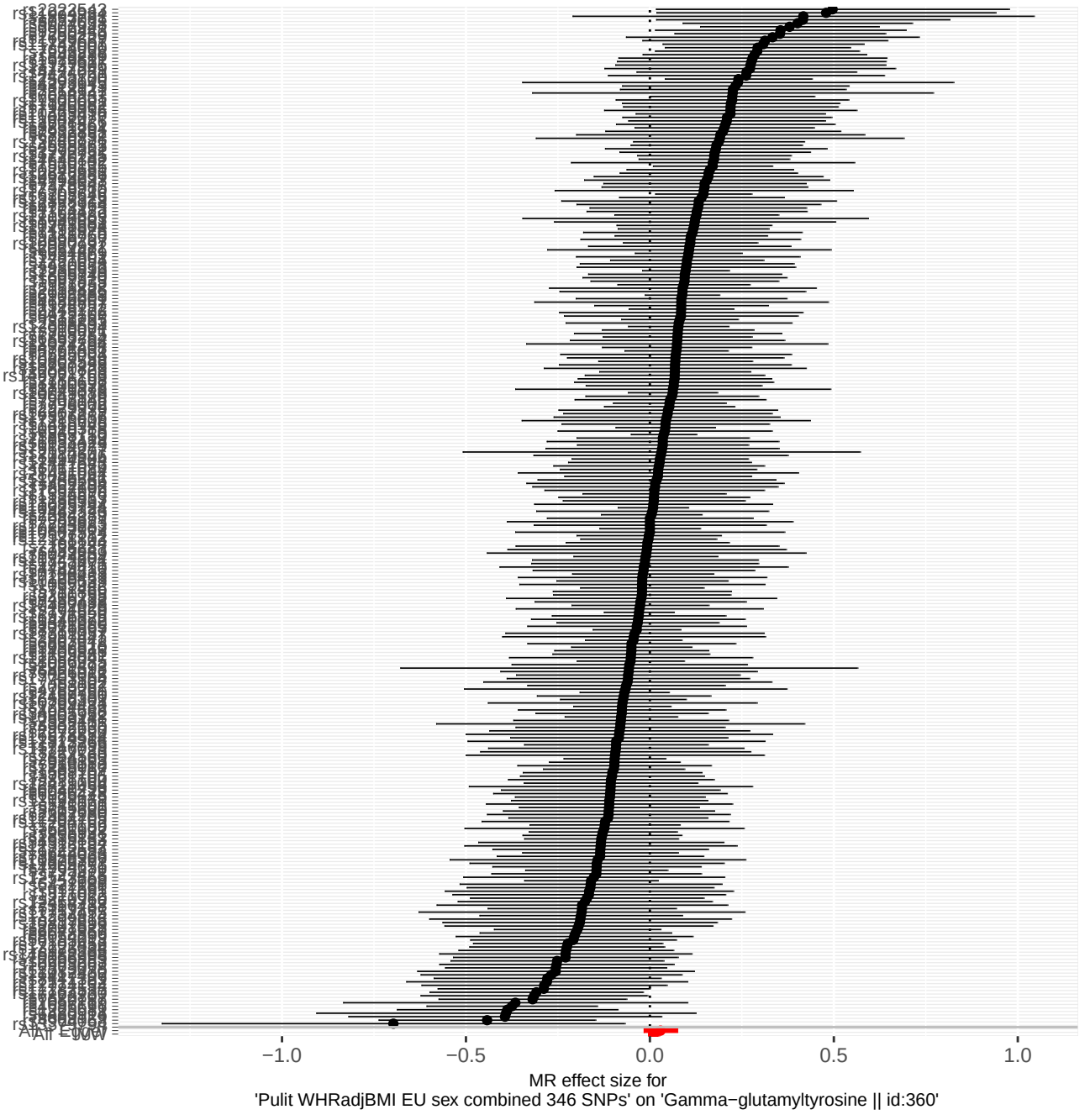

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Proline || id:355'

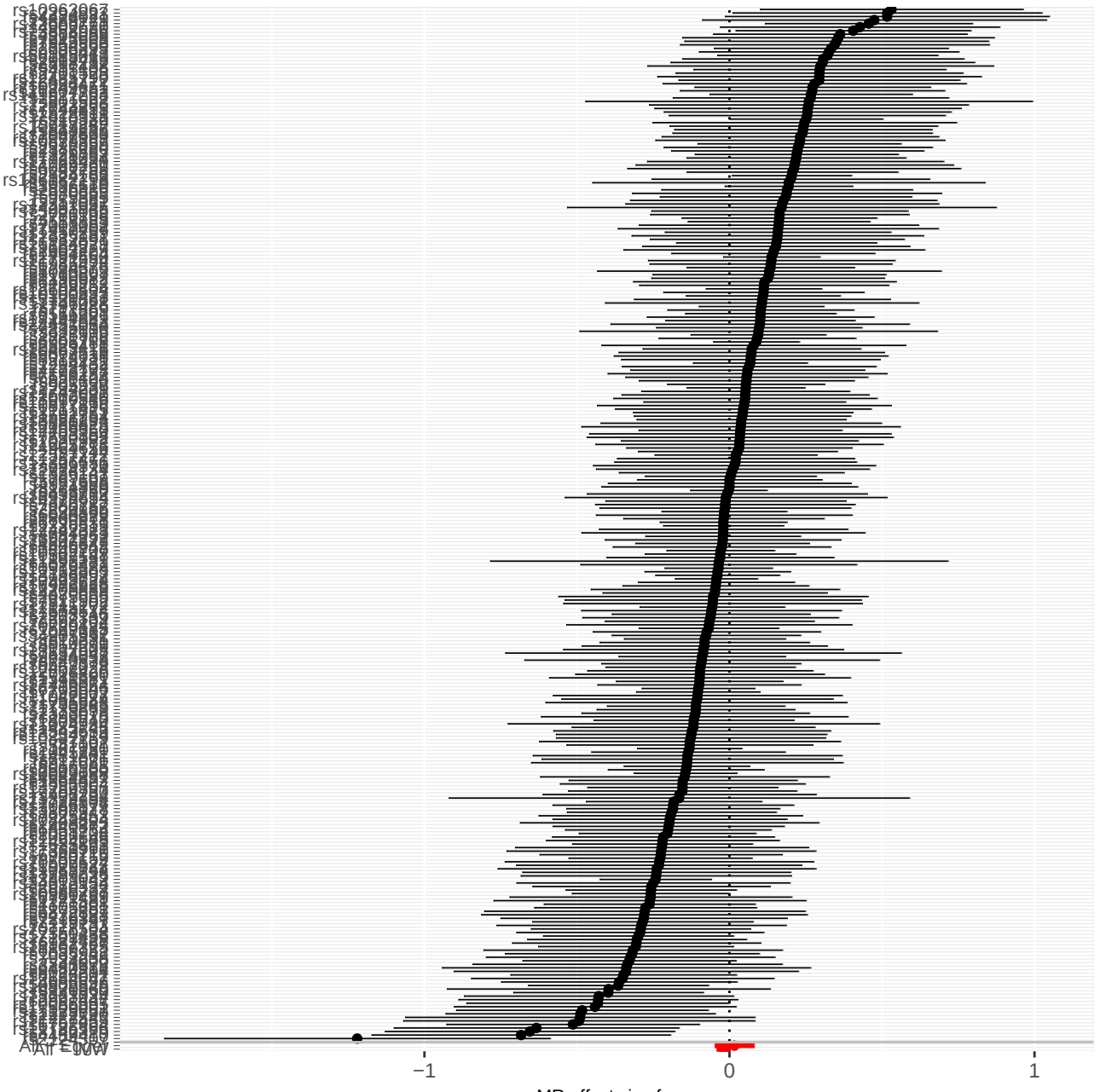

−1.0
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Citrulline || id:356'

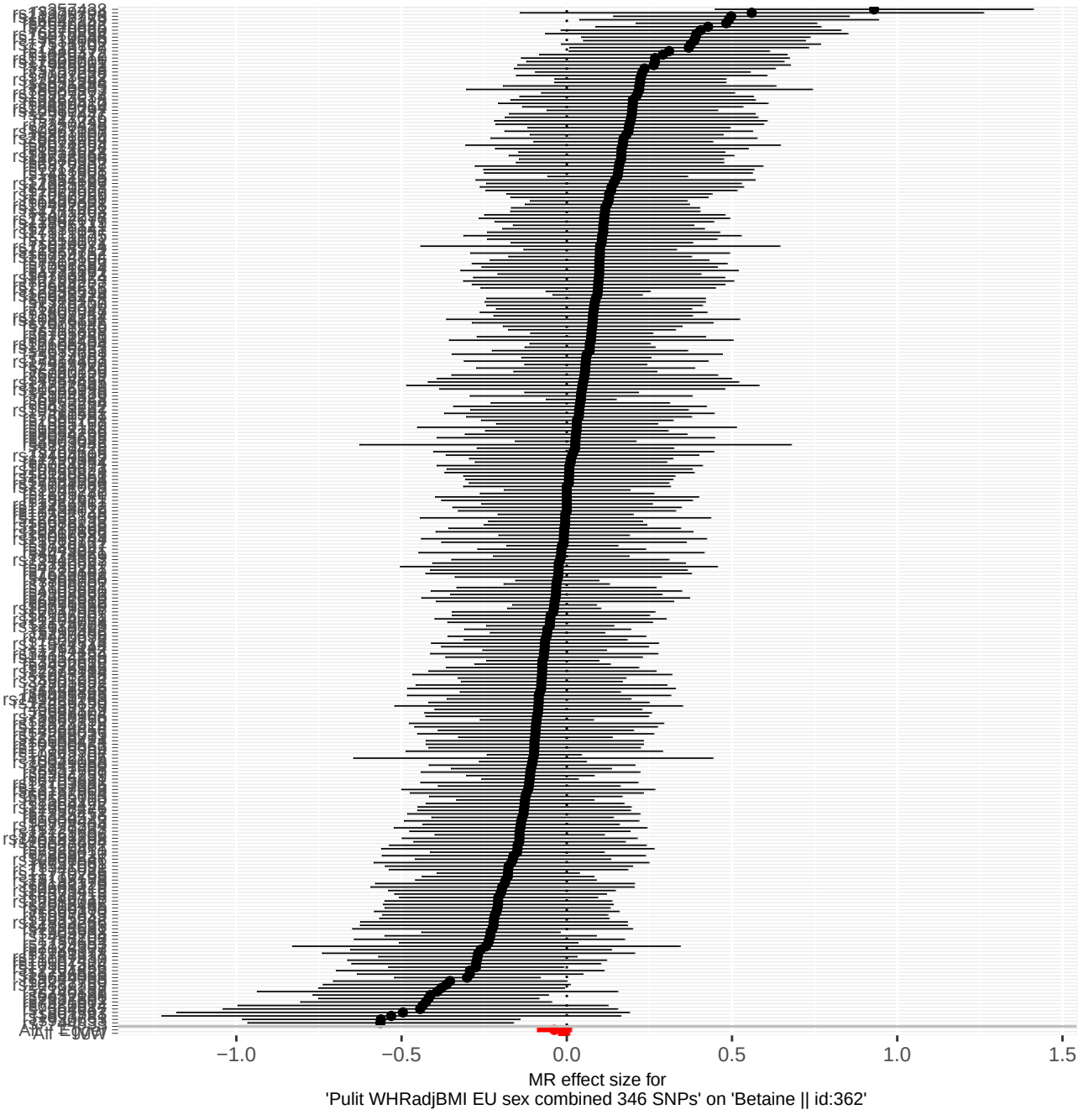

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Biliverdin || id:357'

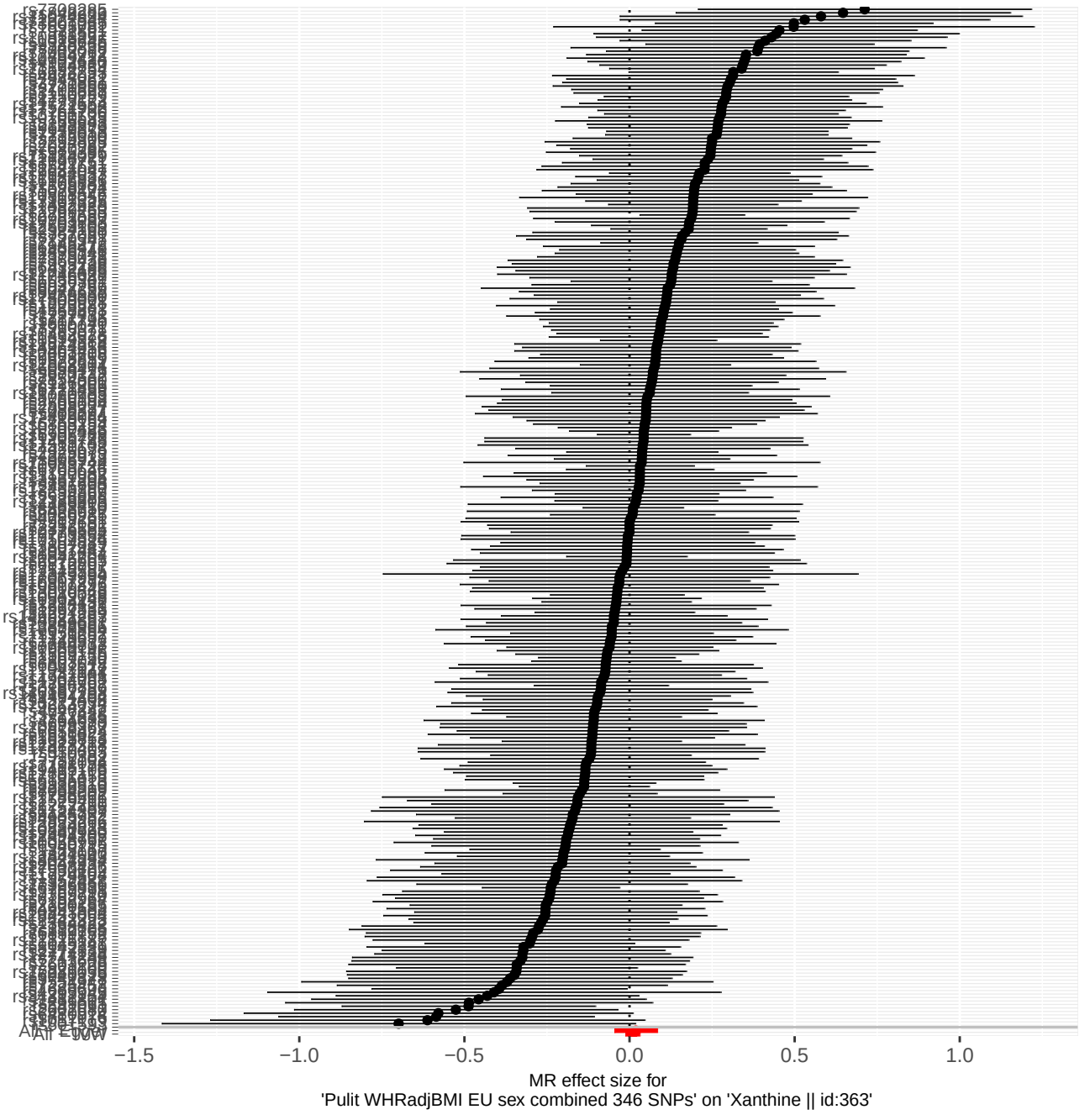

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Serotonin (5HT) || id:358'

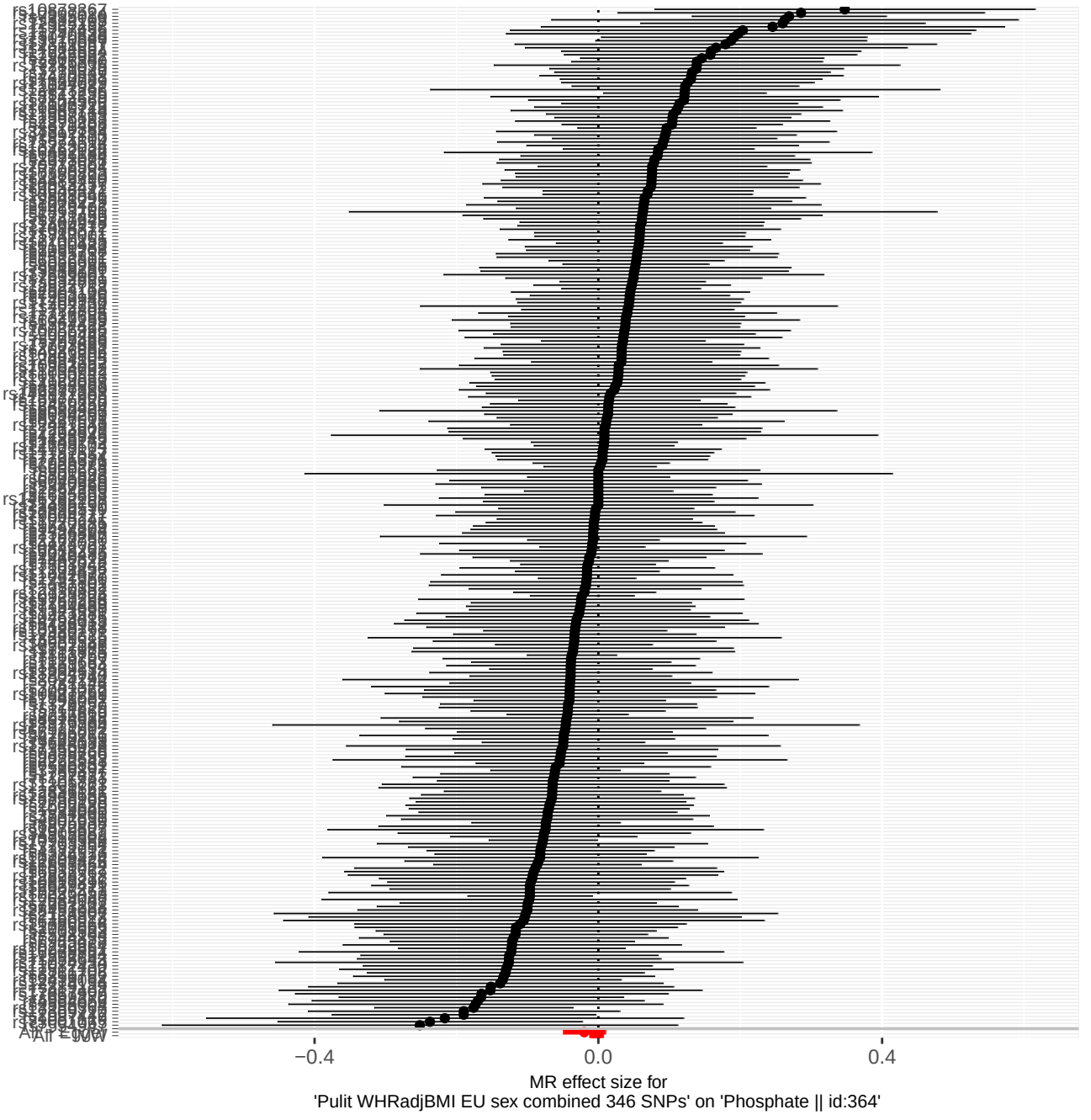

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−glutamylglutamine || id:359'

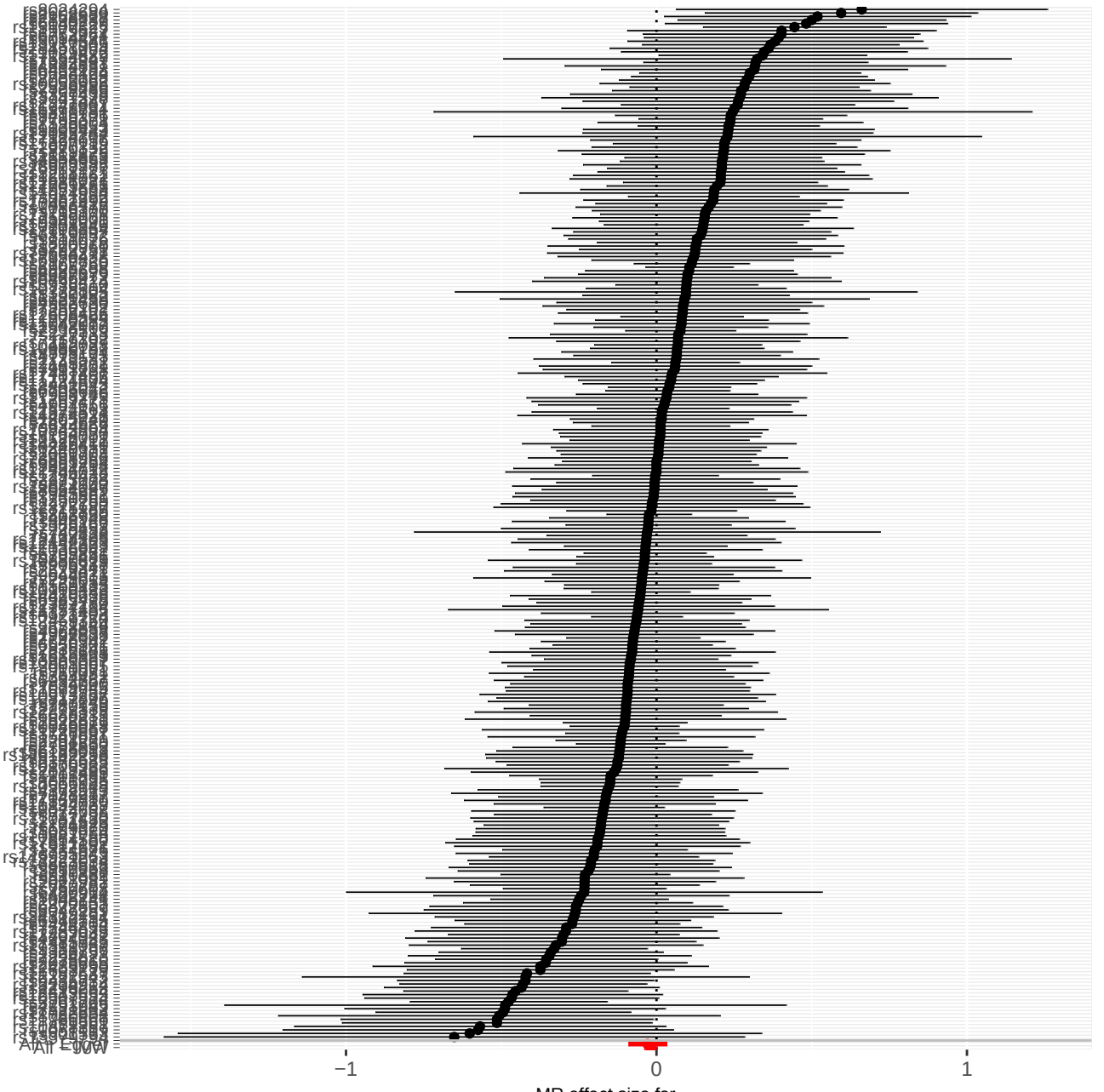

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−glutamyltyrosine || id:360'

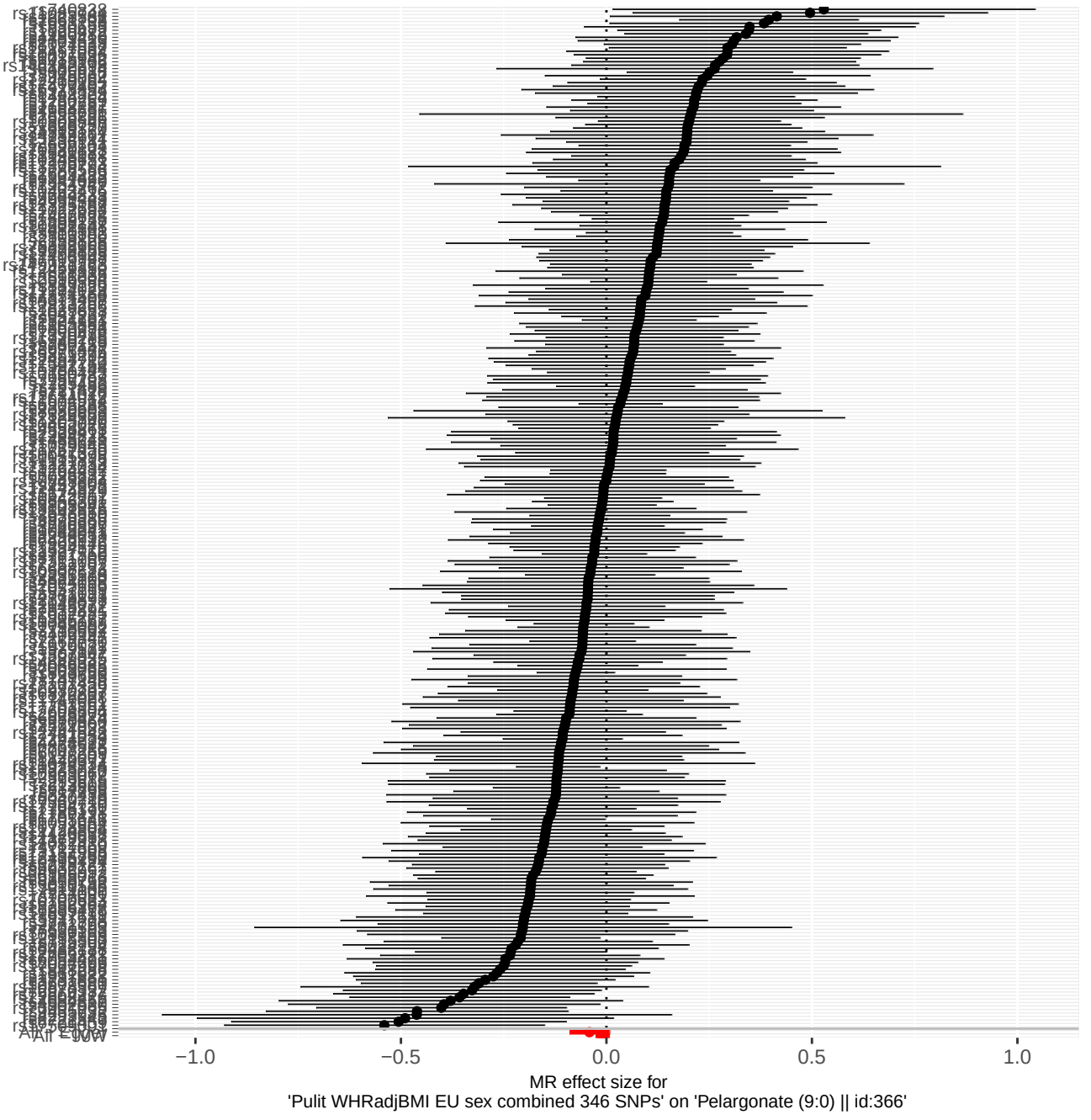

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Hypoxanthine || id:361'

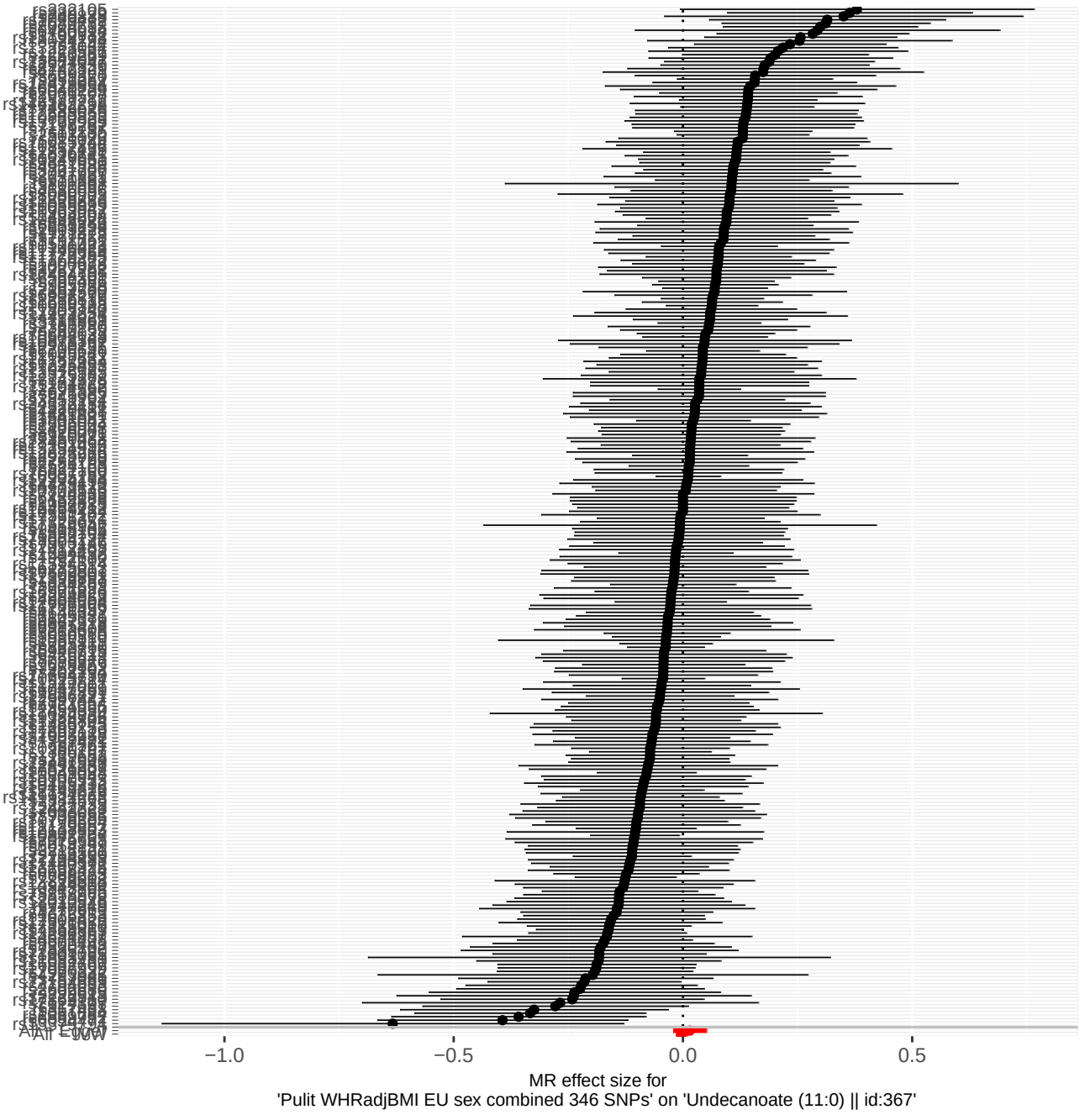

−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Betaine || id:362'

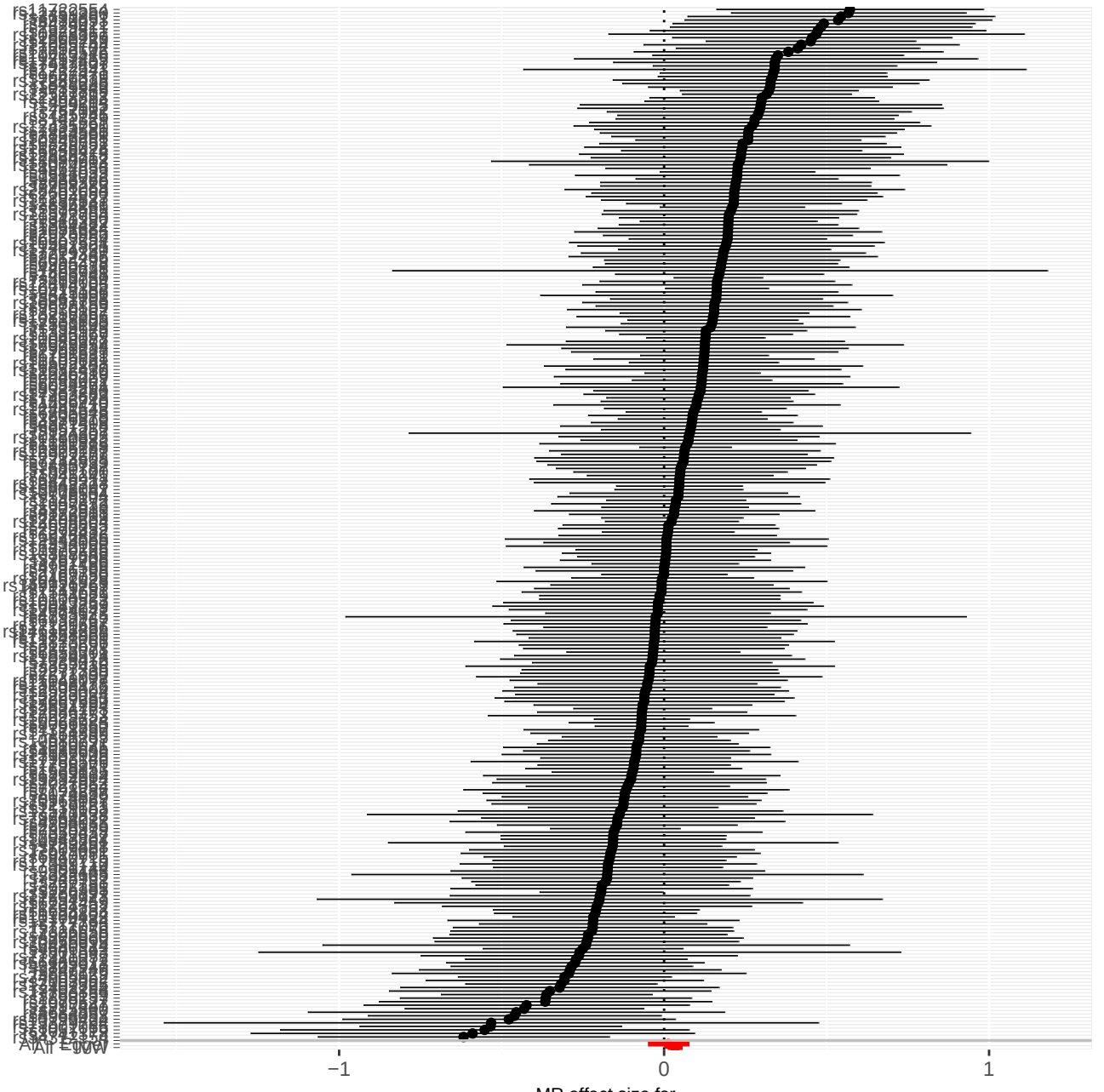

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Xanthine || id:363'

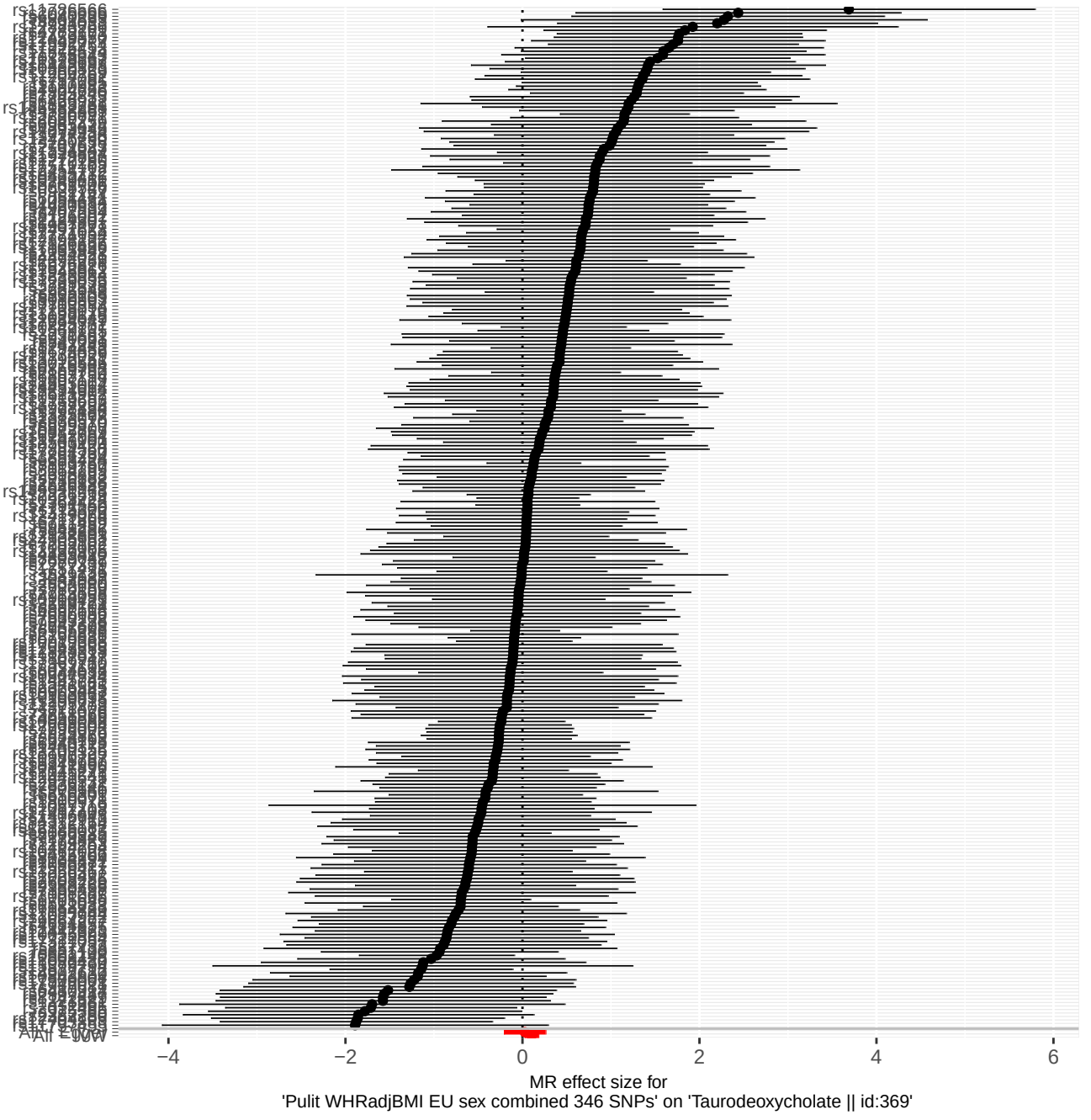

−0.4
0.0
0.4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Phosphate || id:364'

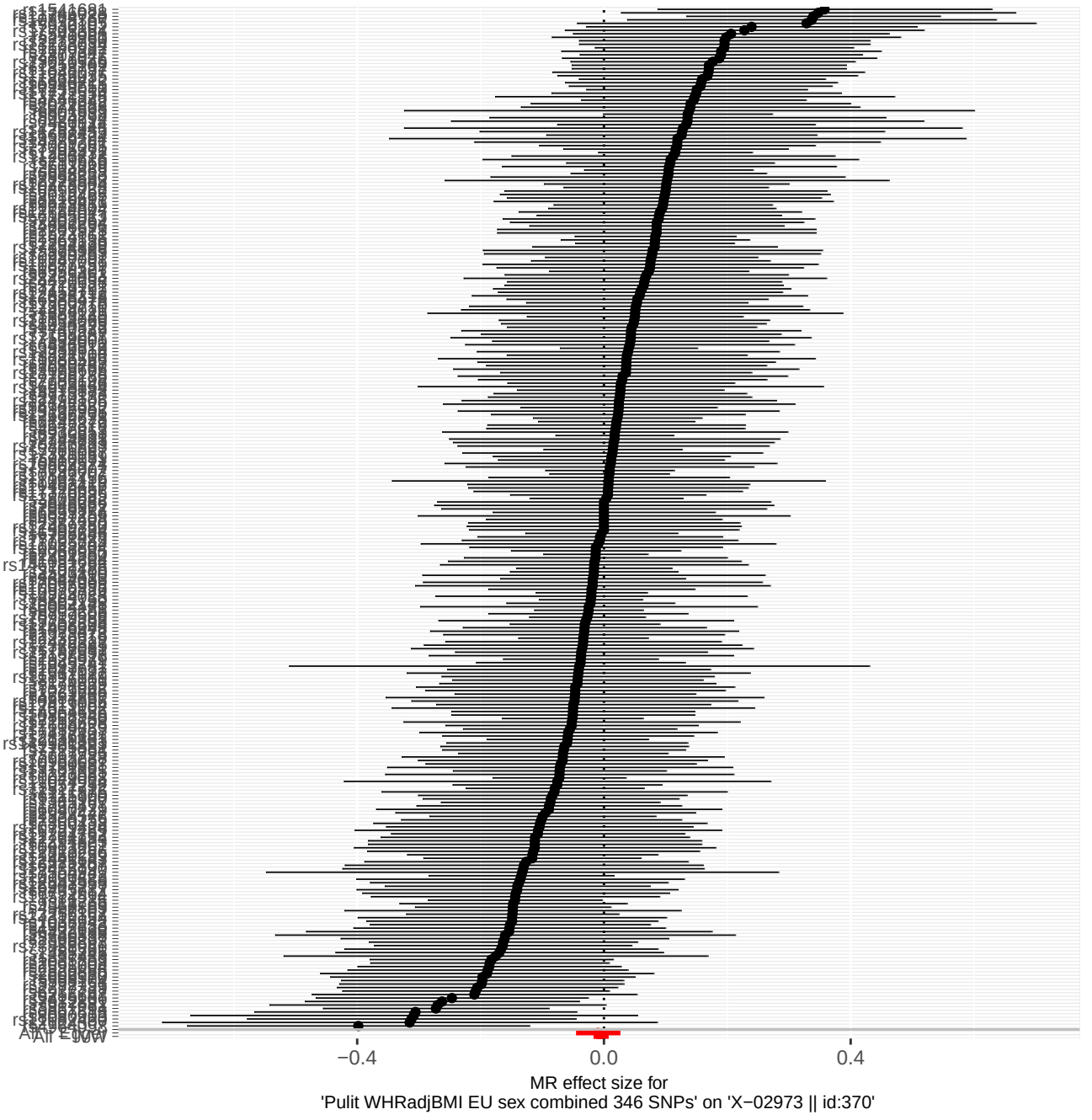

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−methoxytyrosine || id:365'

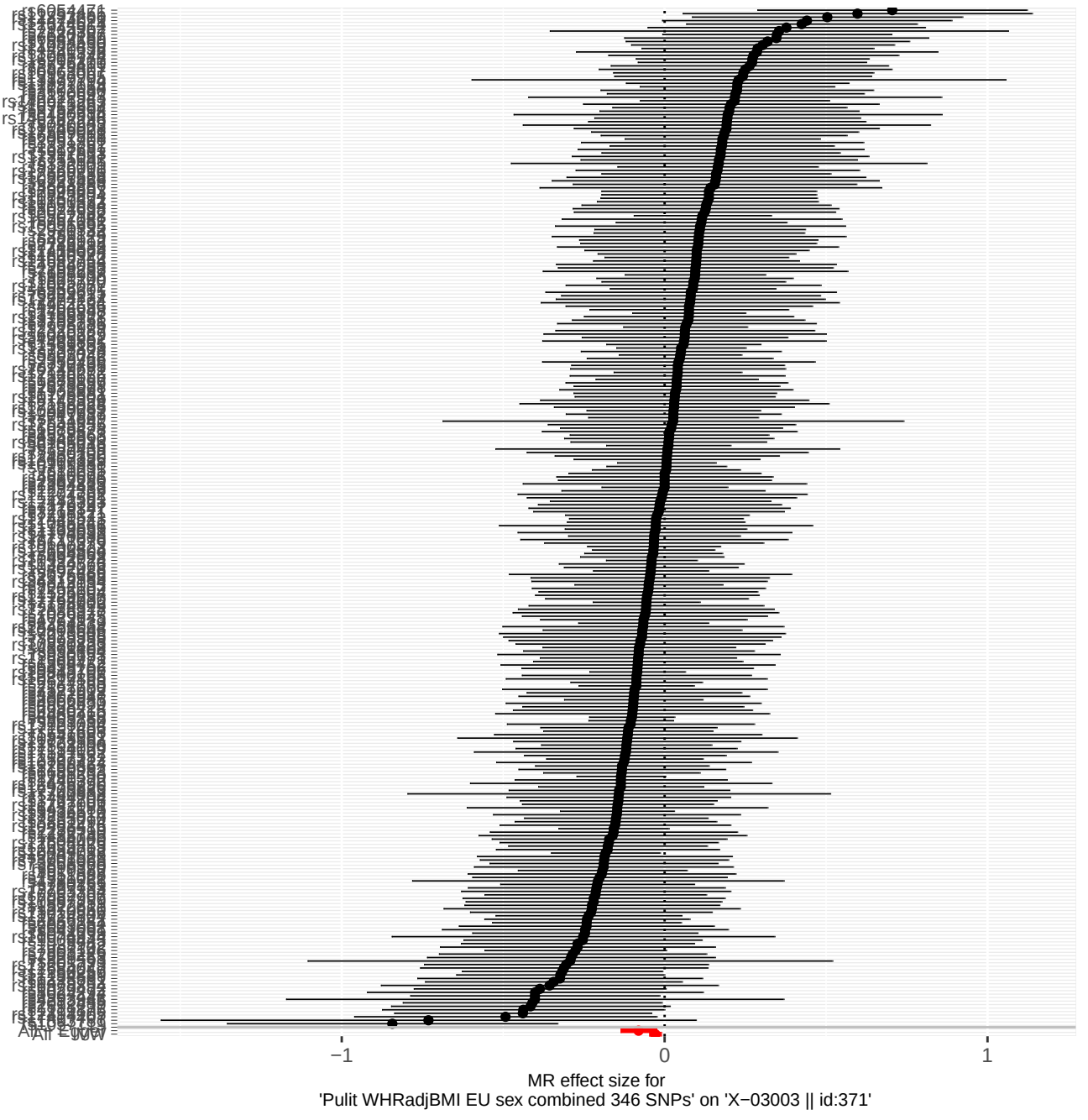

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pelargonate (9:0) || id:366'

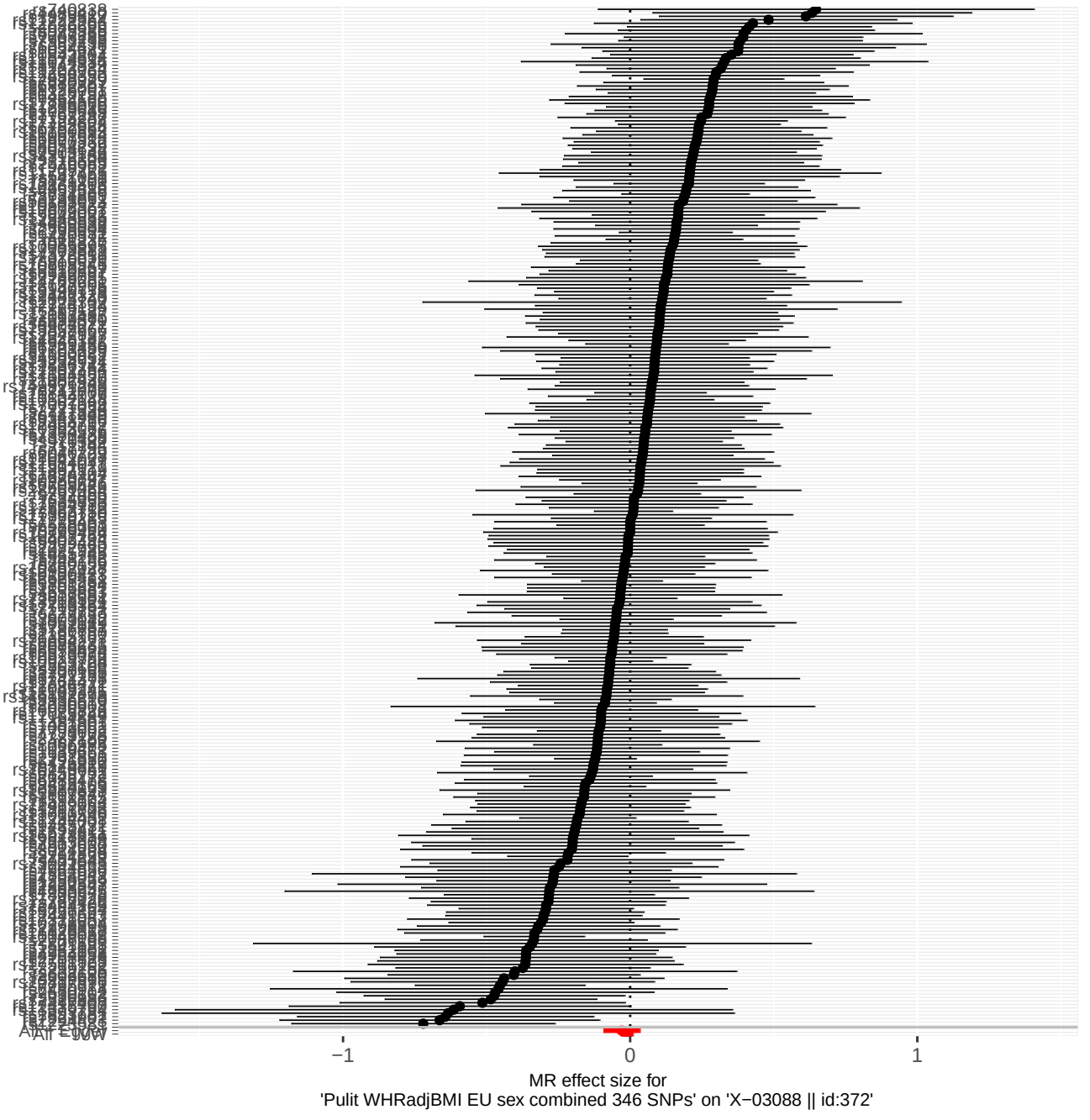

−1.0
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Undecanoate (11:0) || id:367'

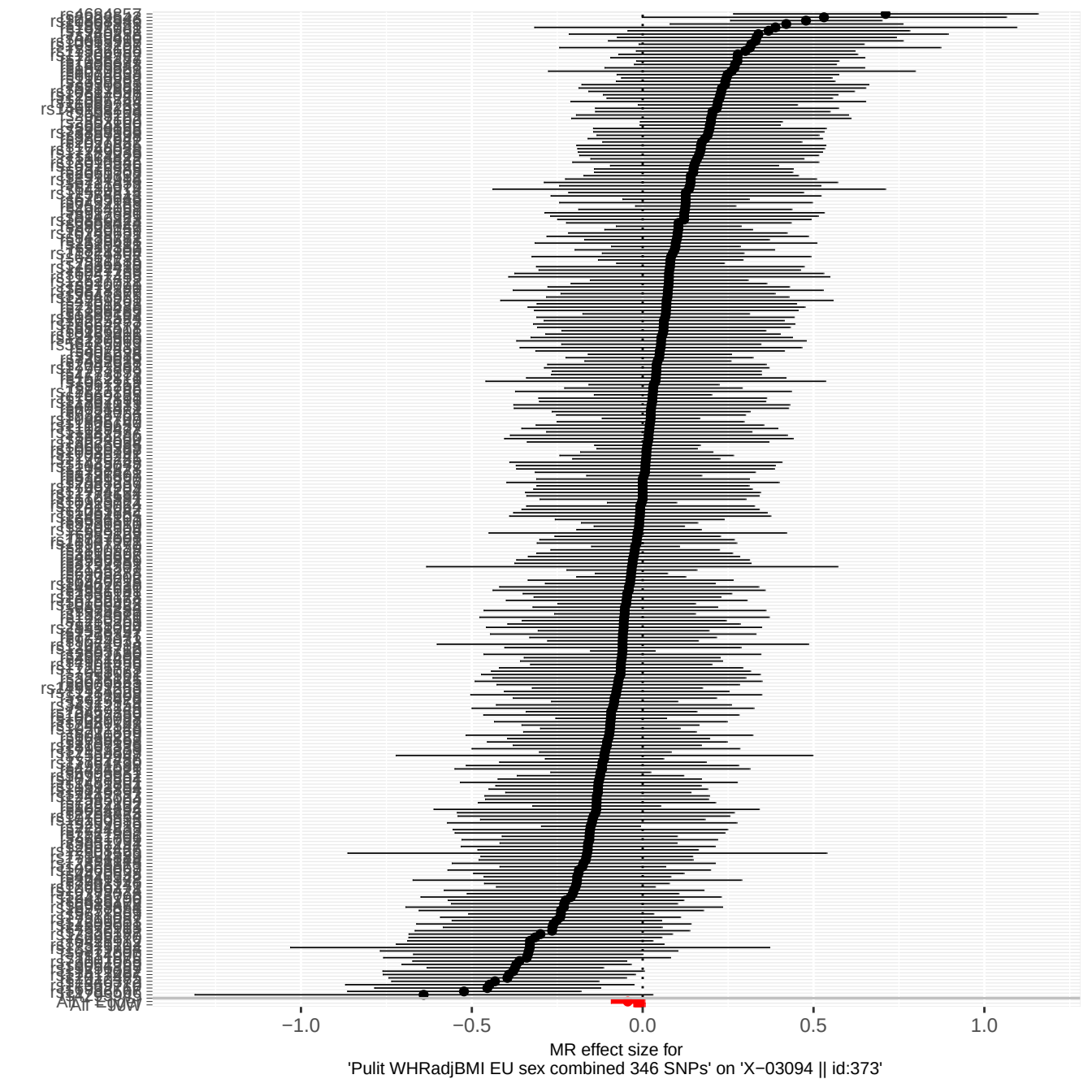

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Beta−hydroxyisovalerate || id:368'

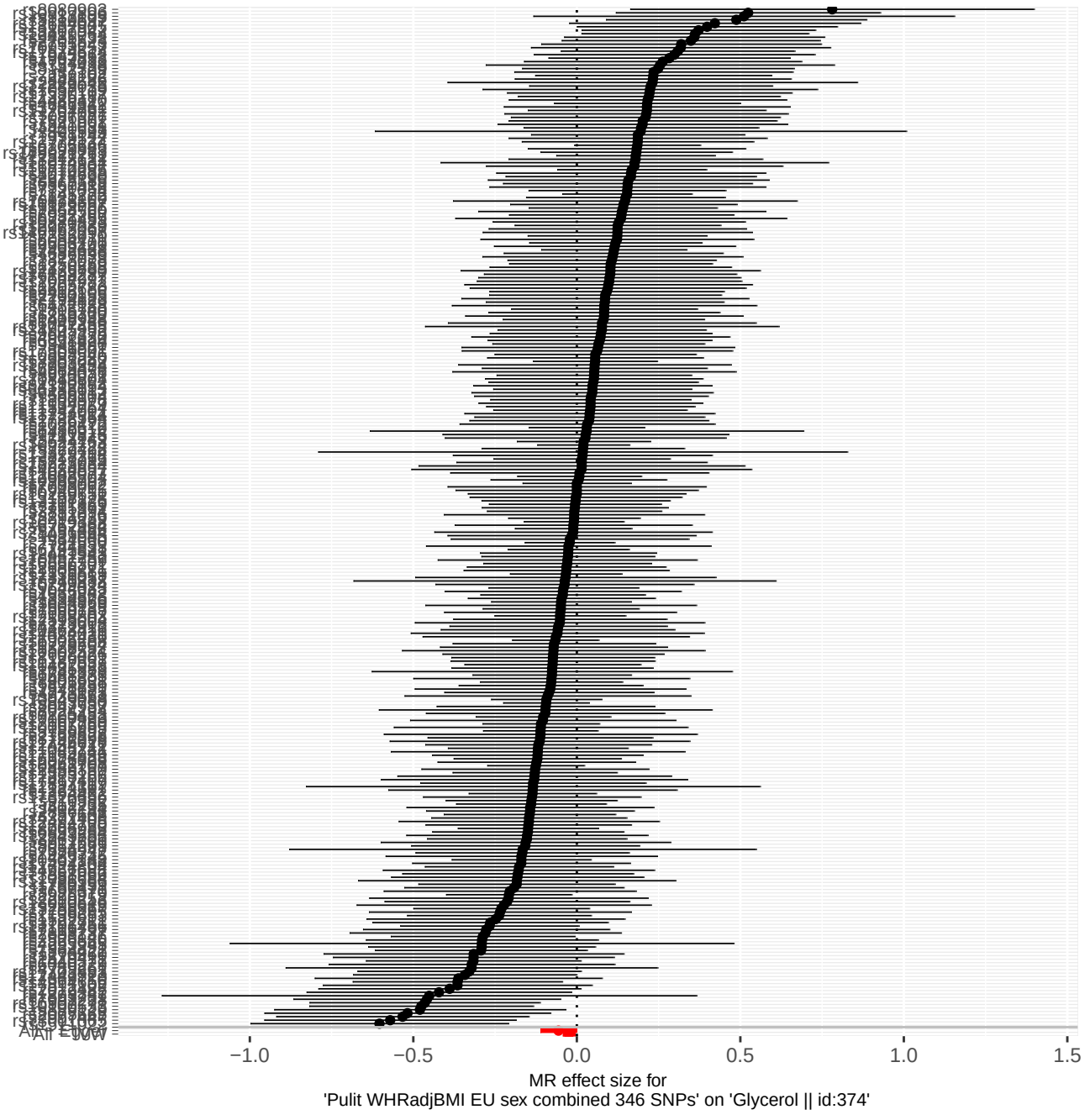

−4
−2
0
2
4
6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Taurodeoxycholate || id:369'

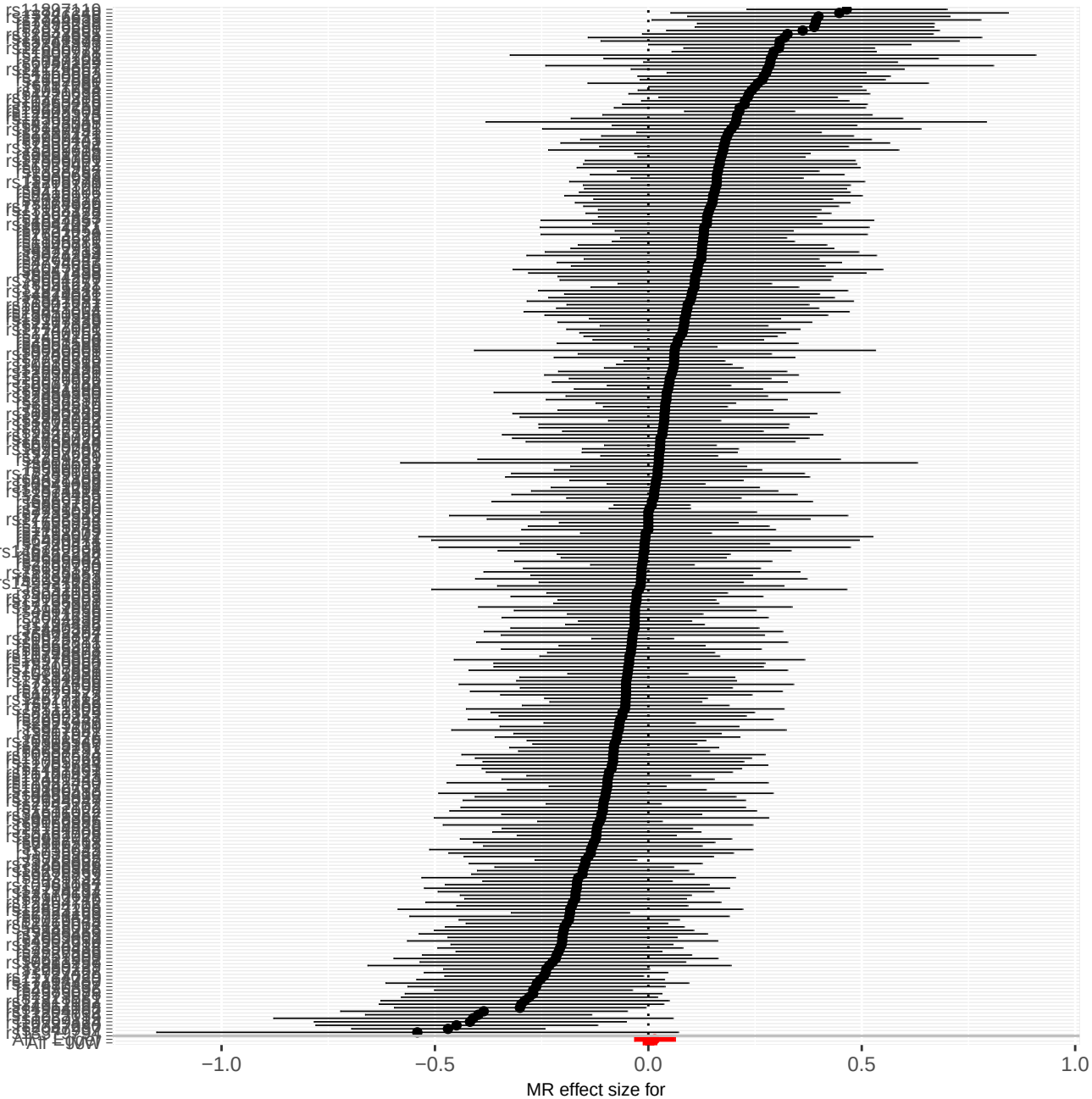

−0.4
0.0
0.4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−02973 || id:370'

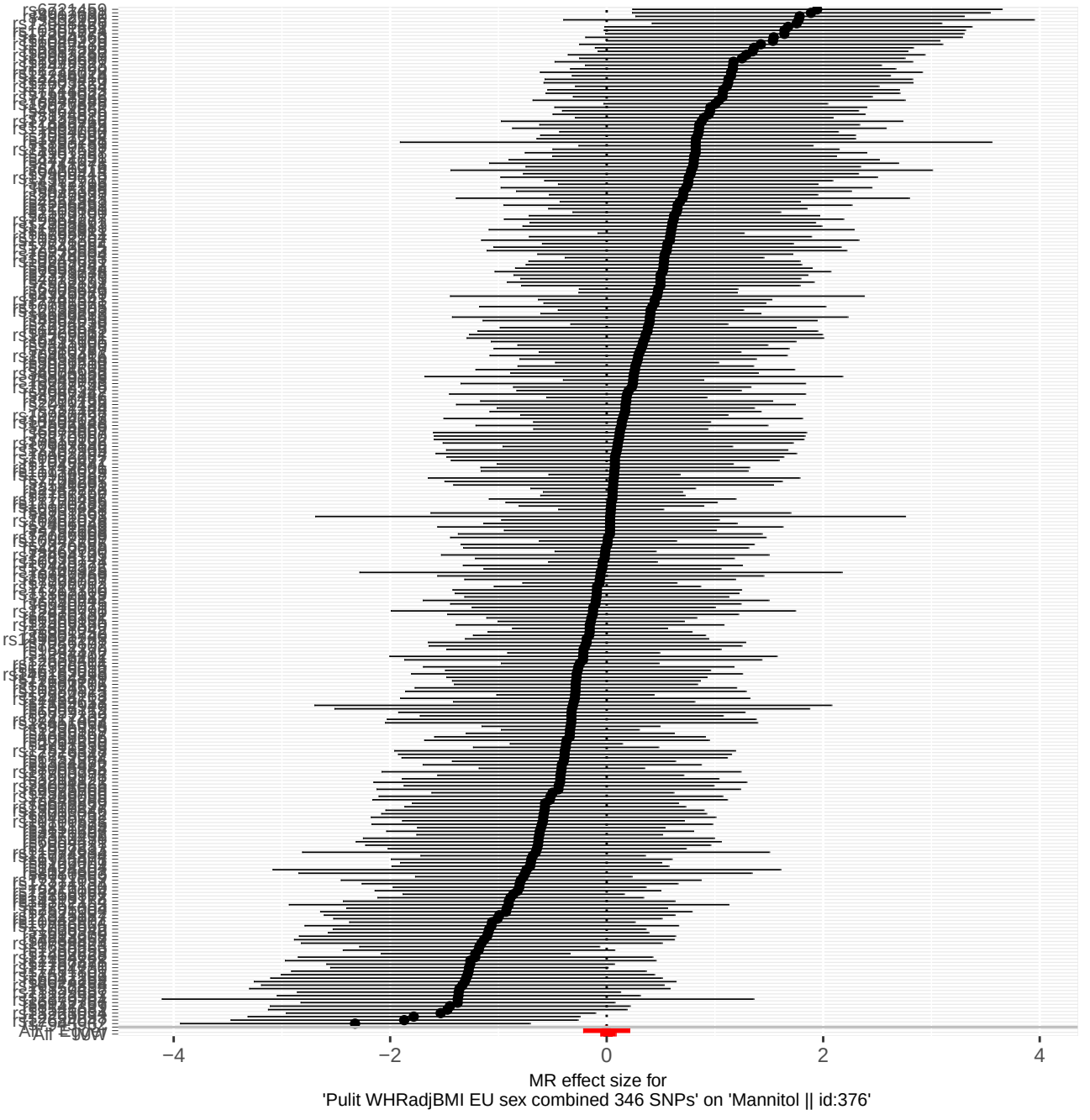

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−03003 || id:371'

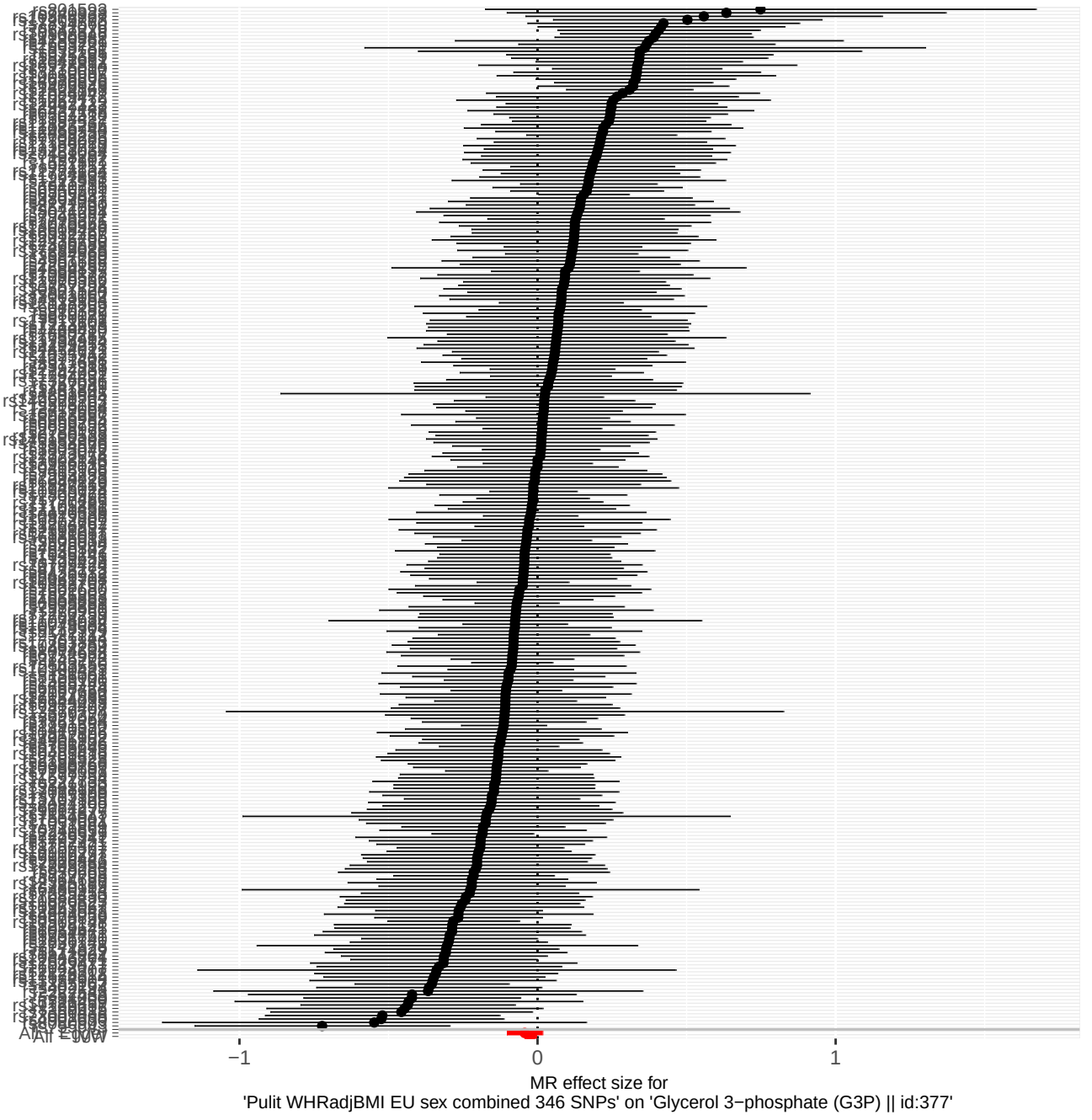

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−03088 || id:372'

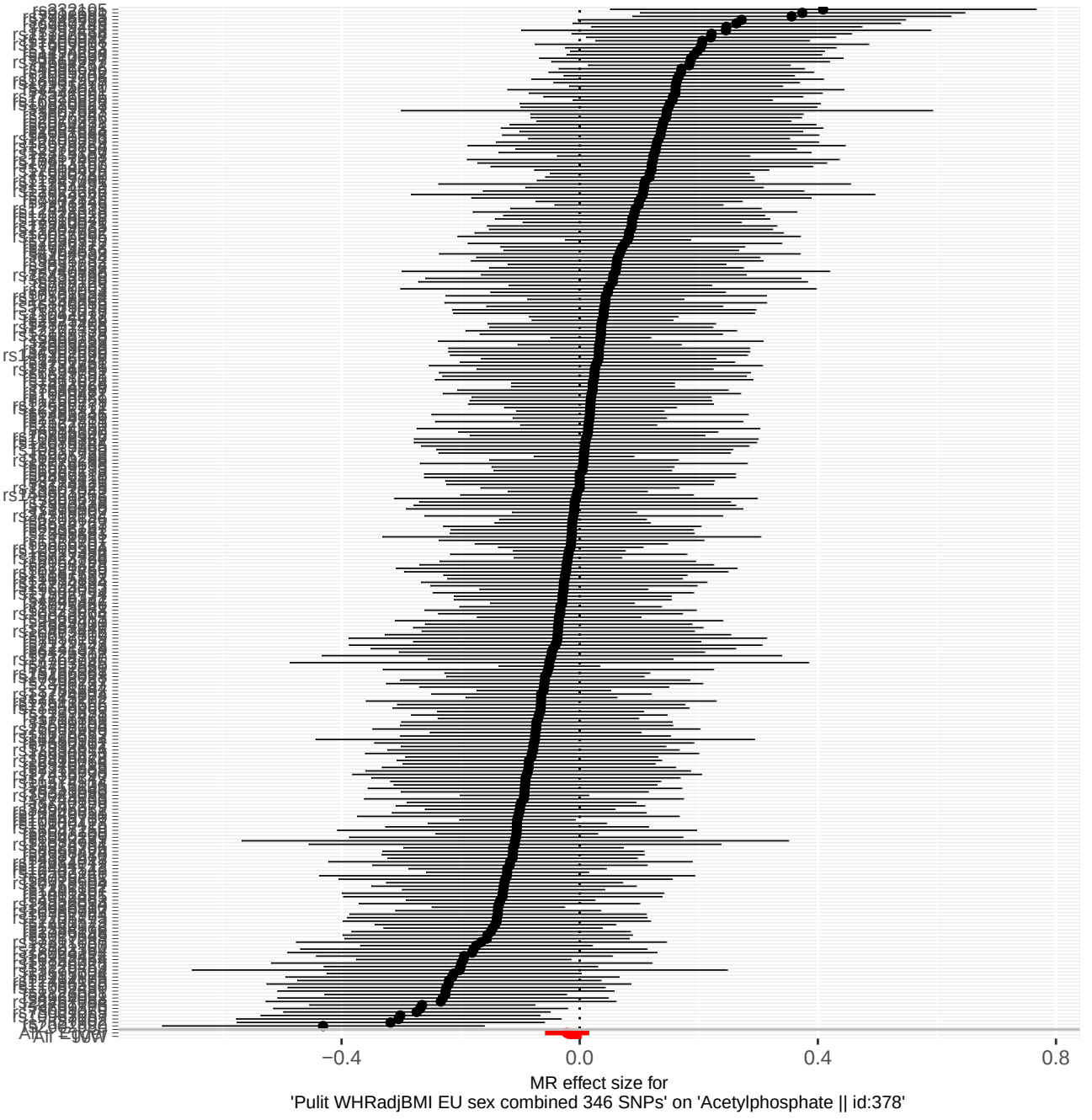

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−03094 || id:373'

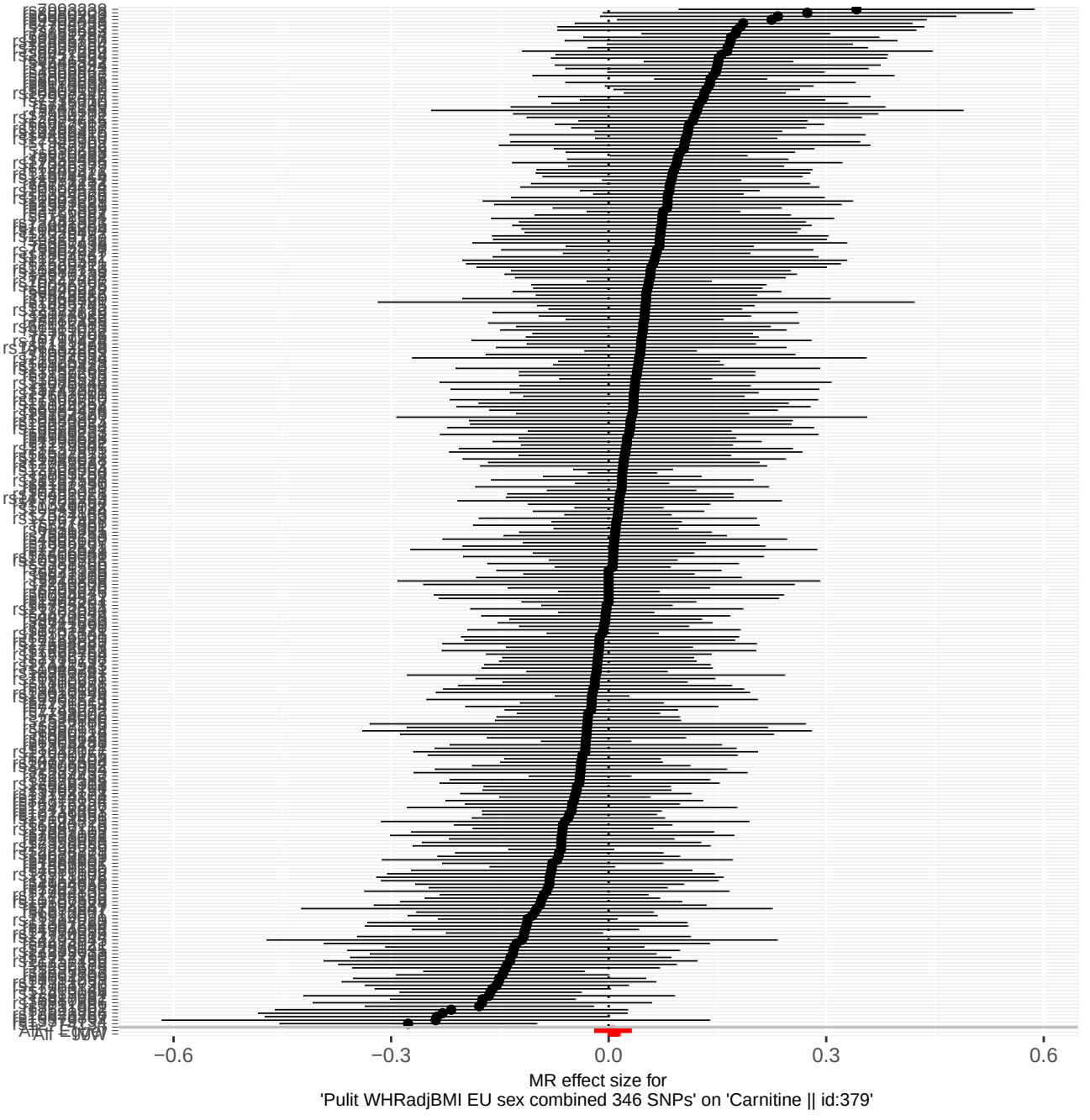

−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glycerol || id:374'

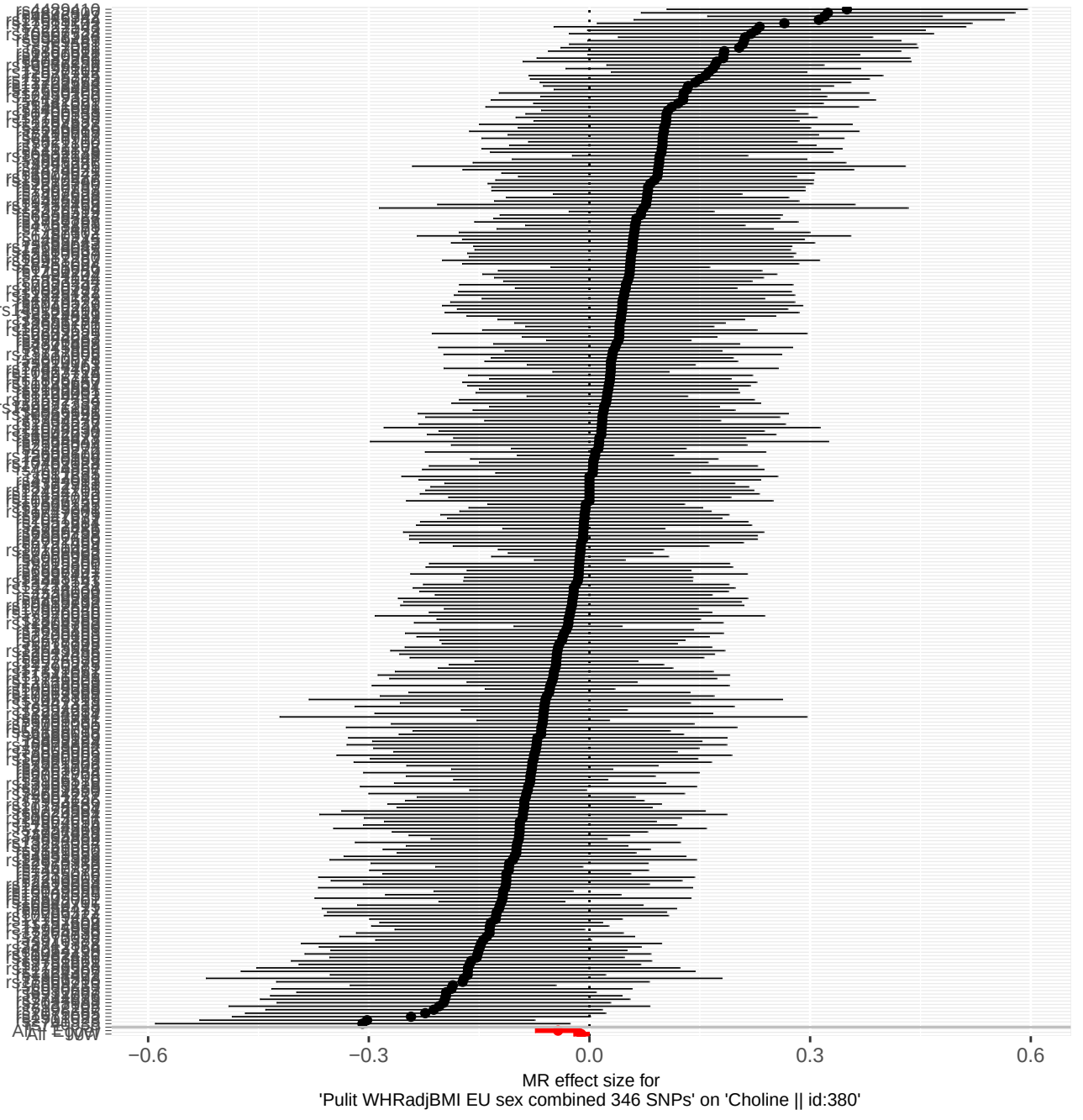

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Kynurenine || id:375'

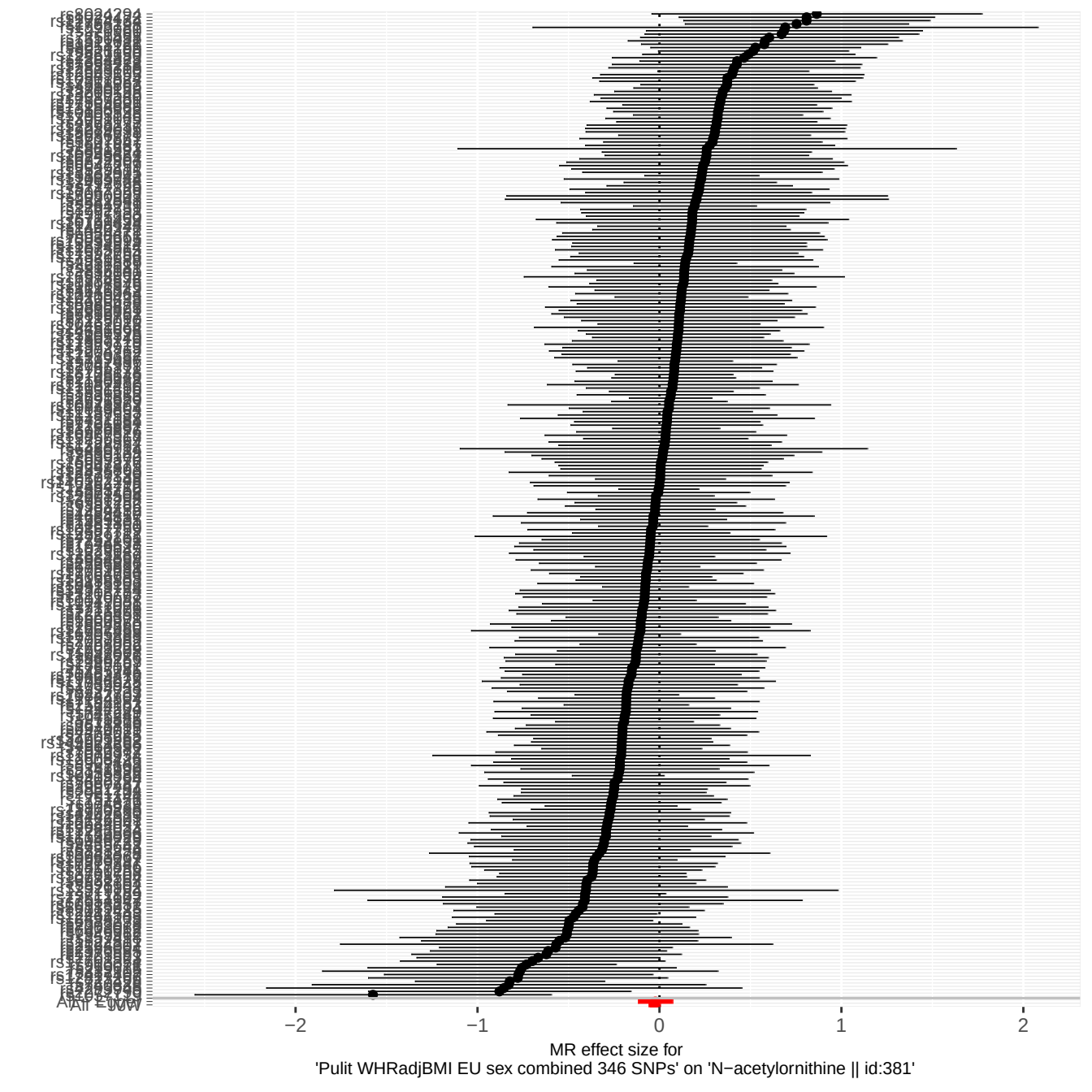

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Mannitol || id:376'

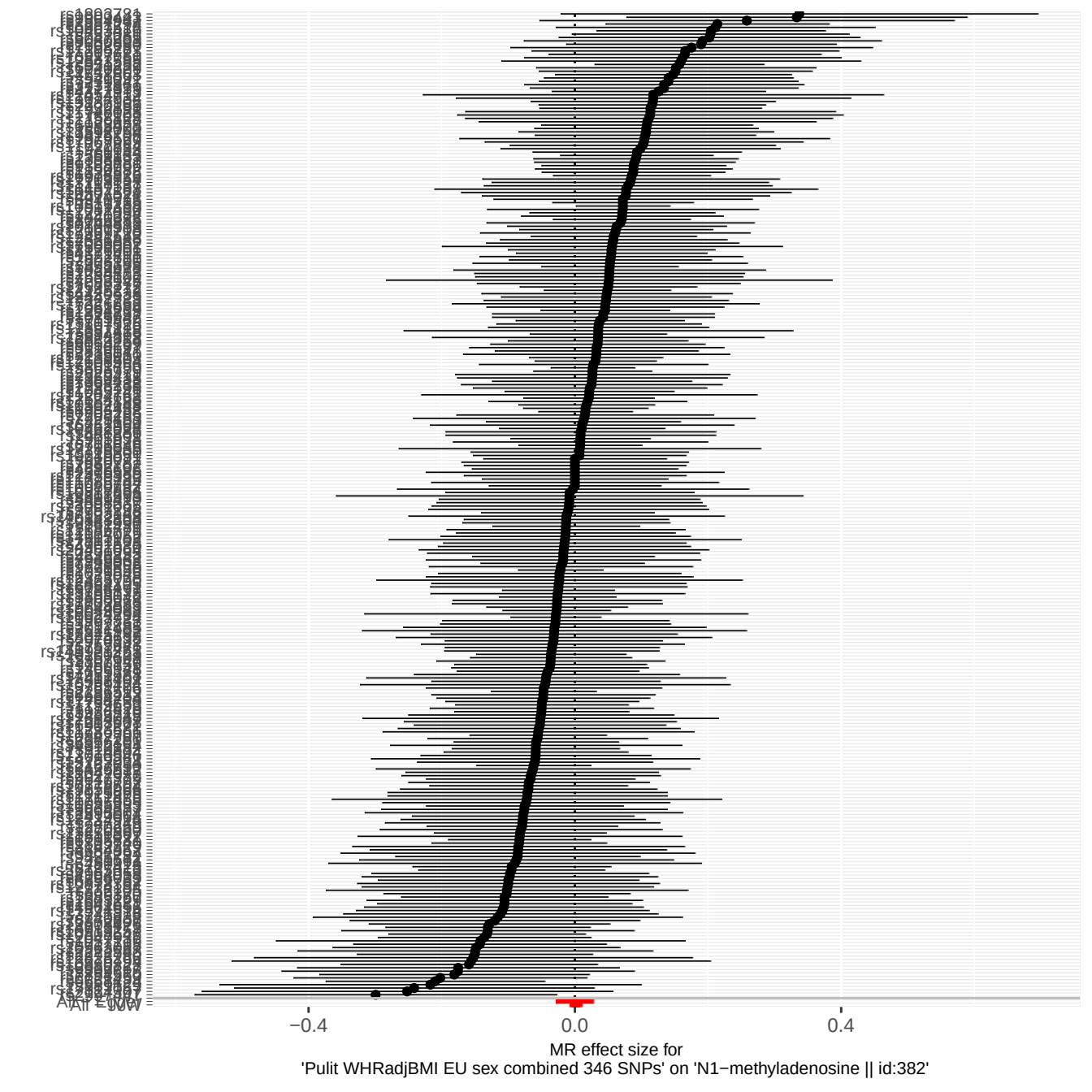

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glycerol 3−phosphate (G3P) || id:377'

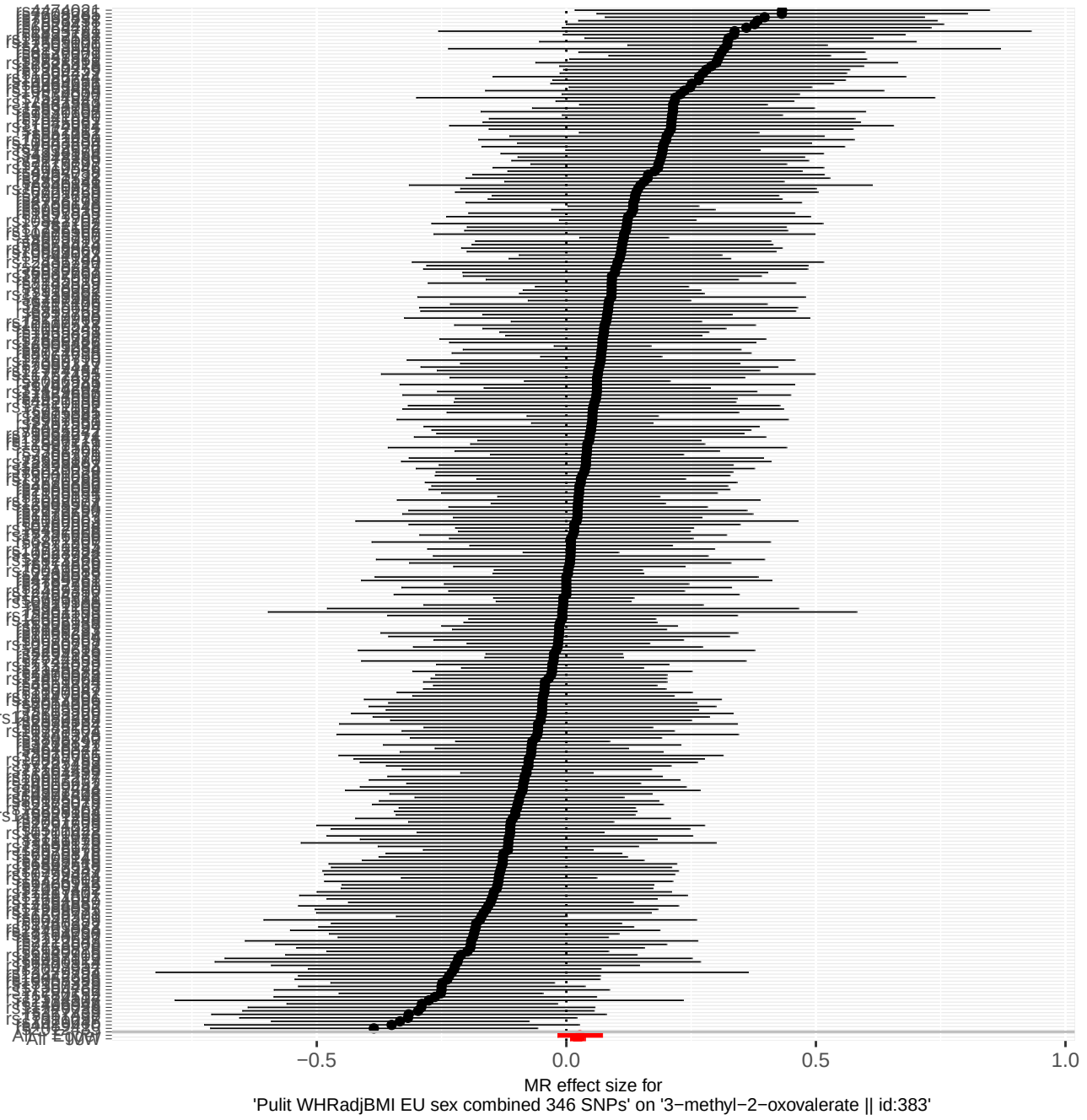

−0.4
0.0
0.4
0.8
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Acetylphosphate || id:378'

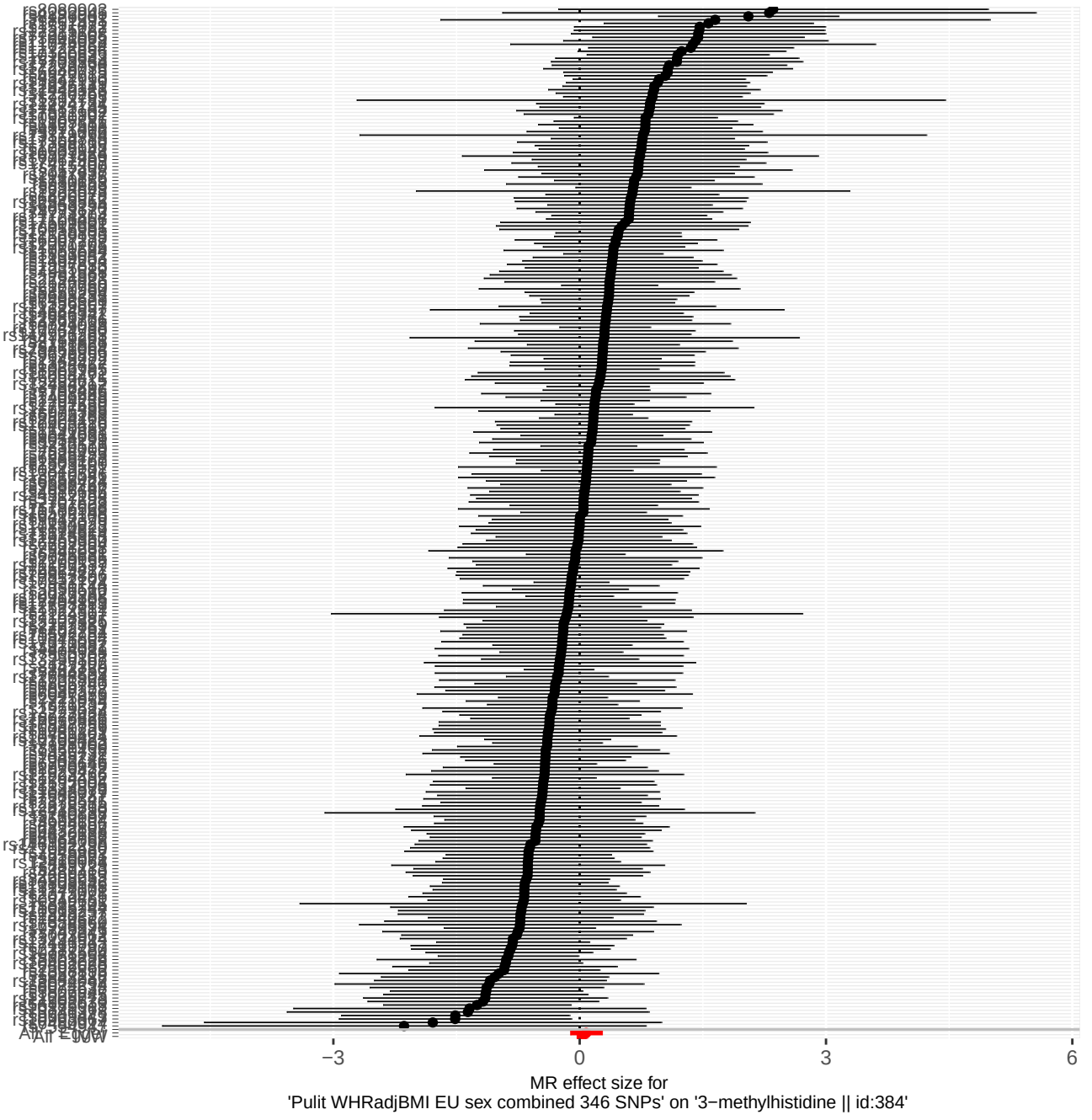

−0.6
−0.3
0.0
0.3
0.6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Carnitine || id:379'

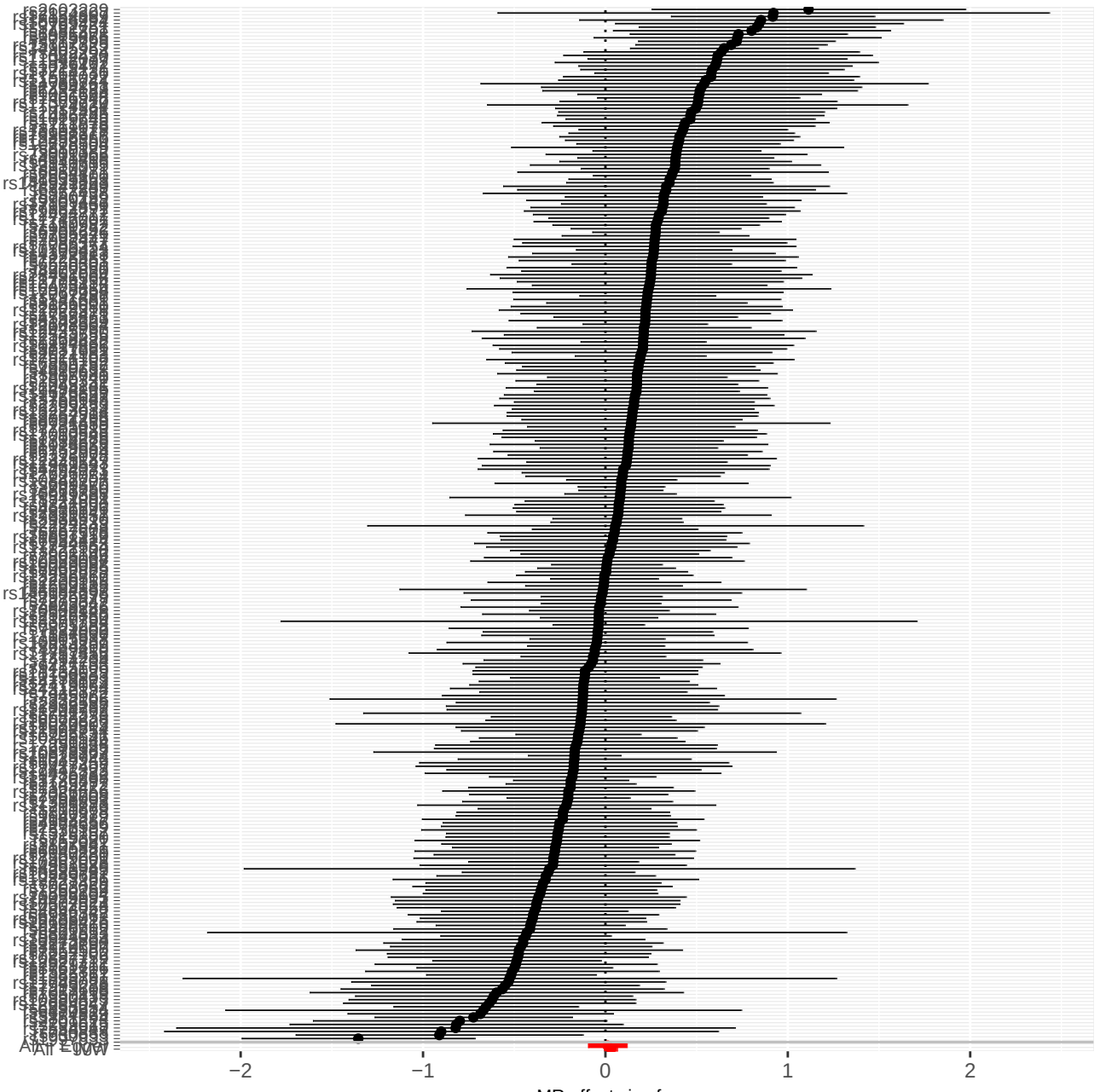

−0.6
−0.3
0.0
0.3
0.6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Choline || id:380'

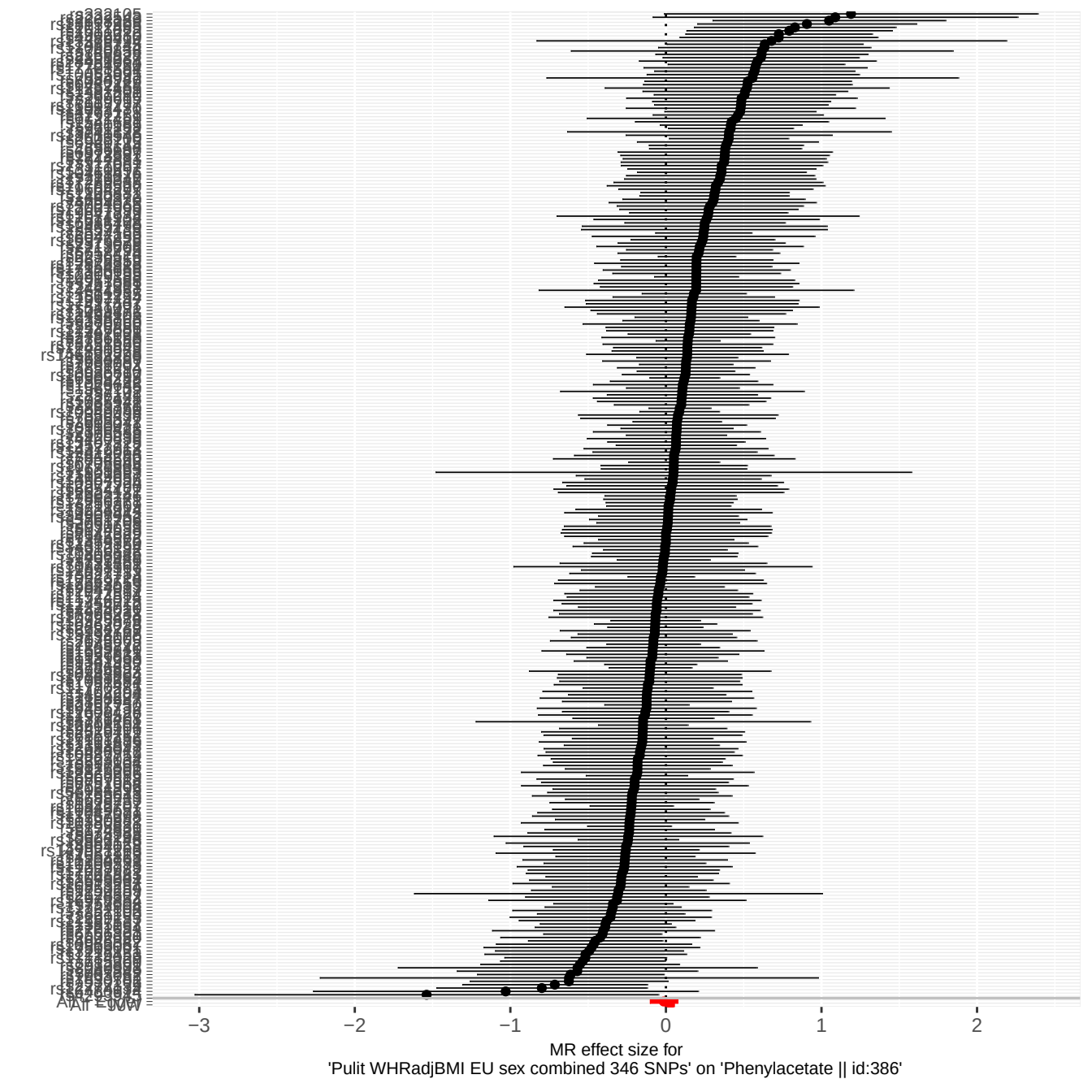

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'N−acetylornithine || id:381'

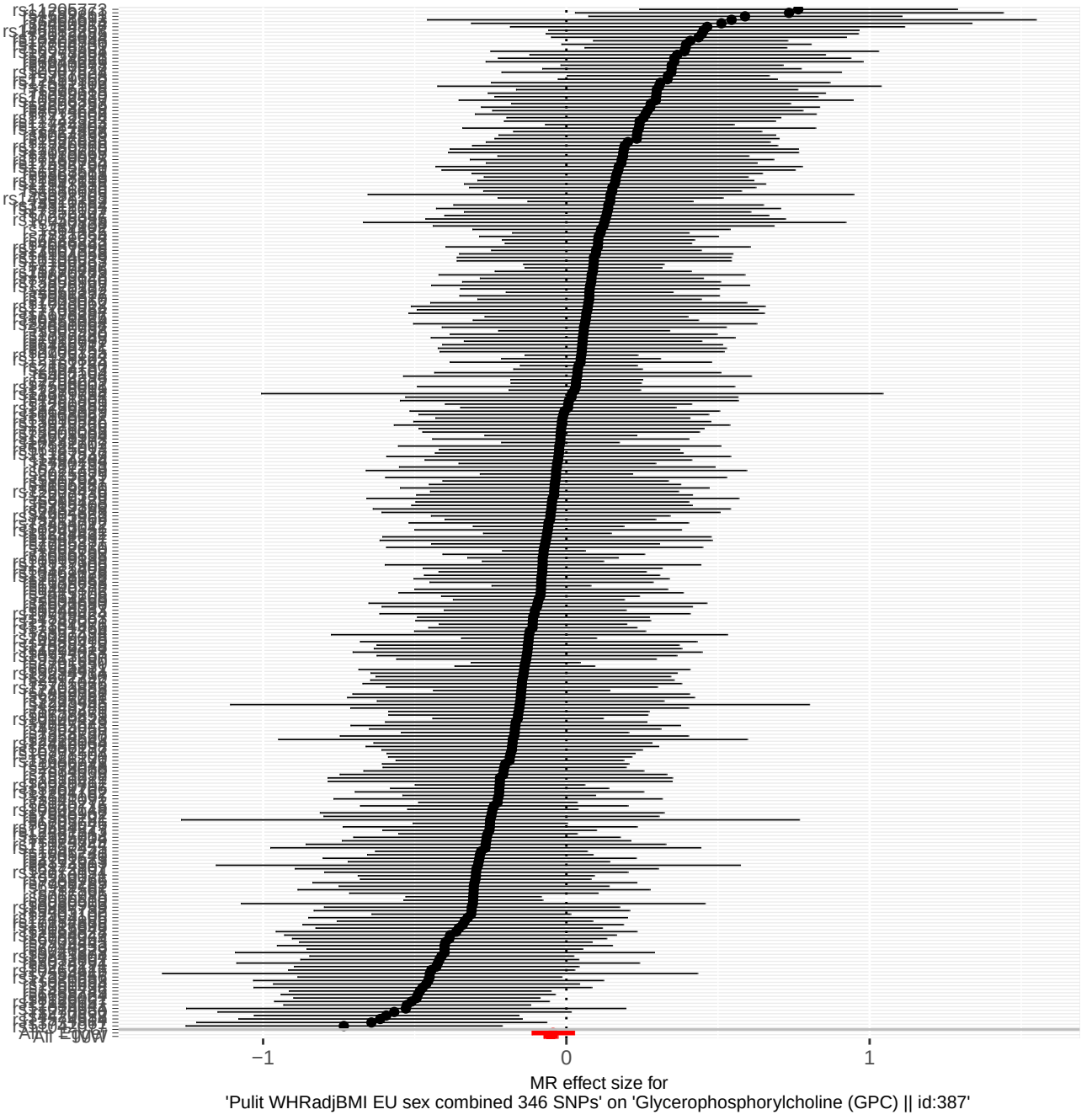

−0.4
0.0
0.4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'N1−methyladenosine || id:382'

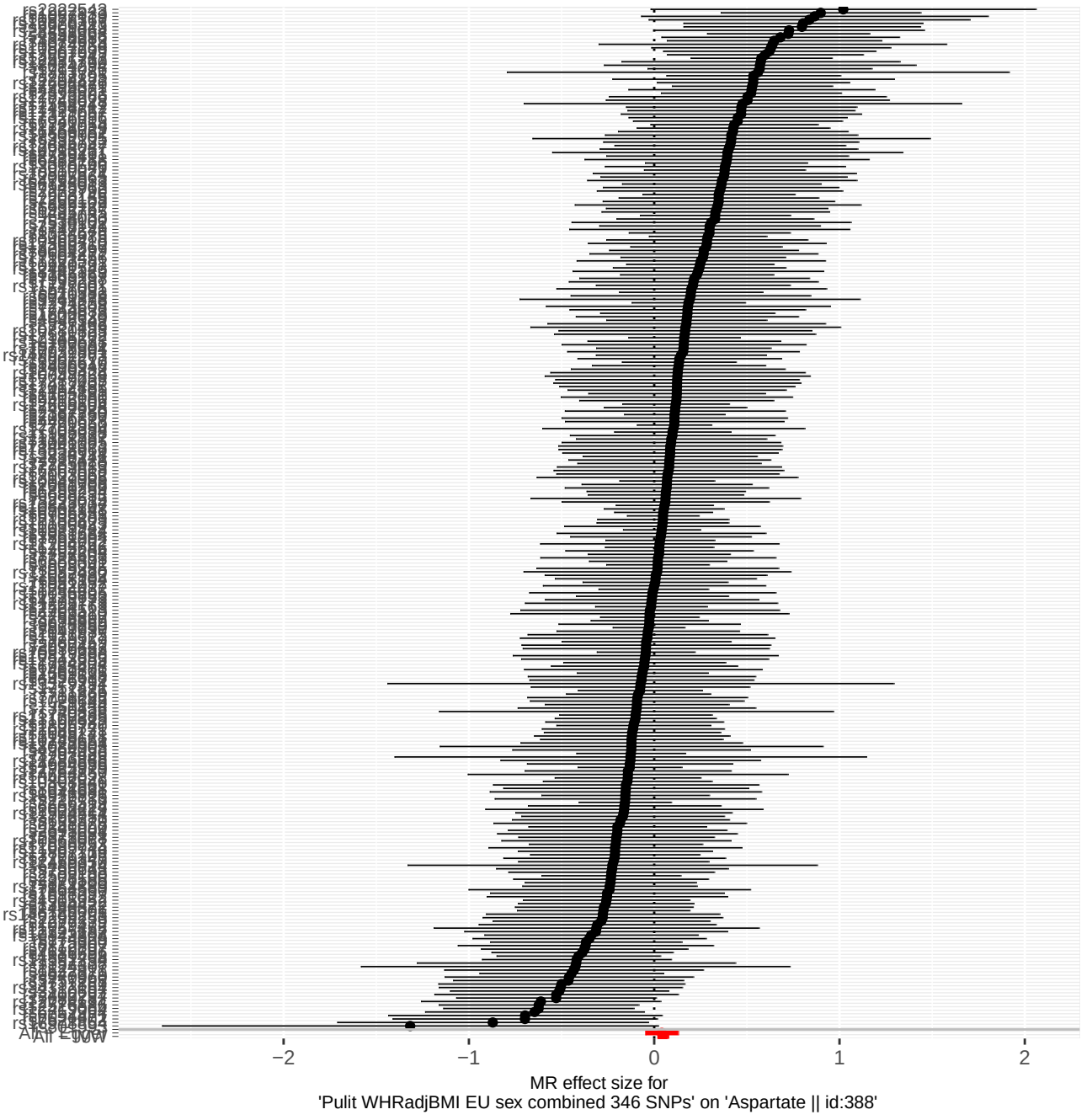

−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−methyl−2−oxovalerate || id:383'

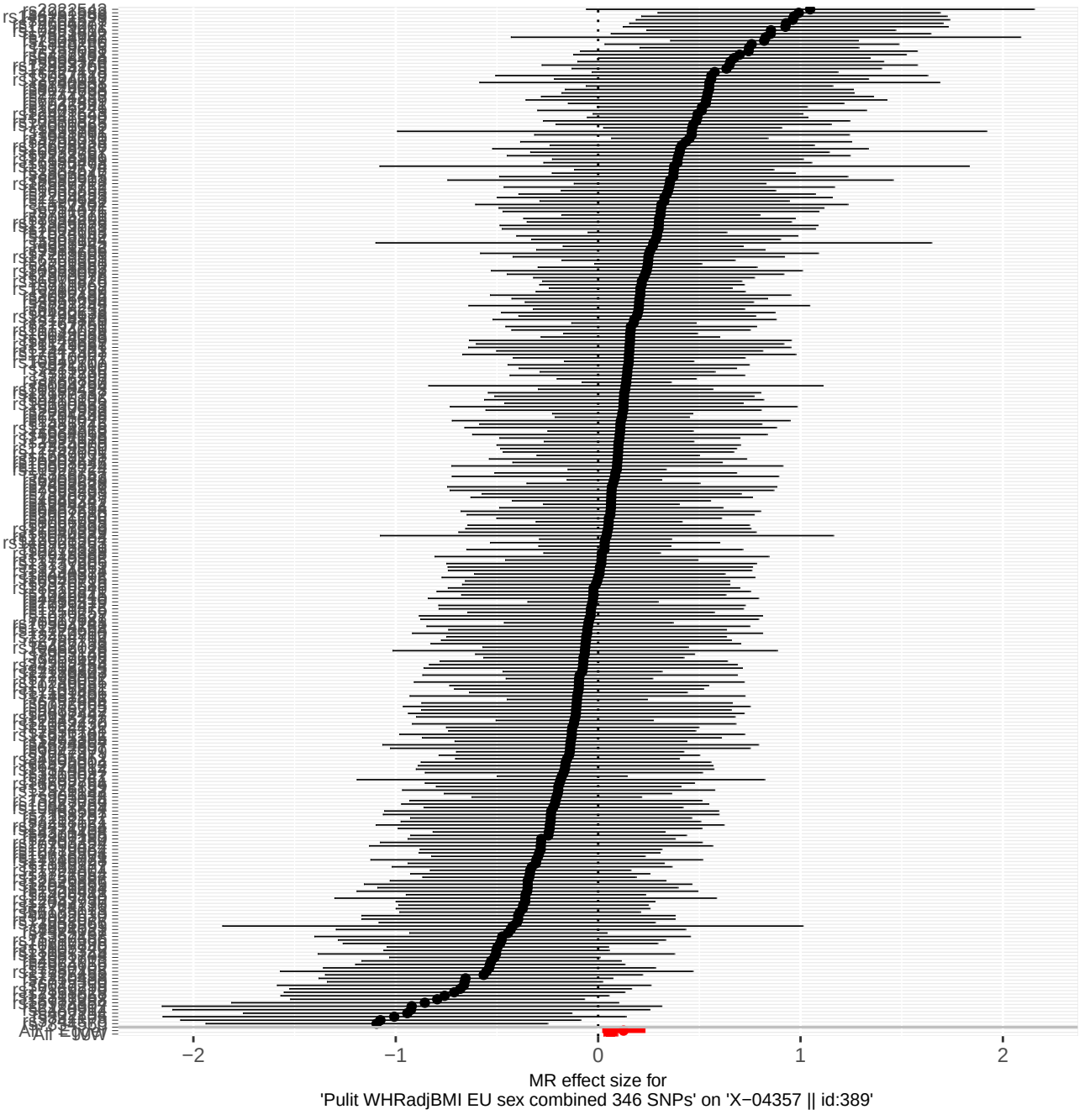

−3
0
3
6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−methylhistidine || id:384'

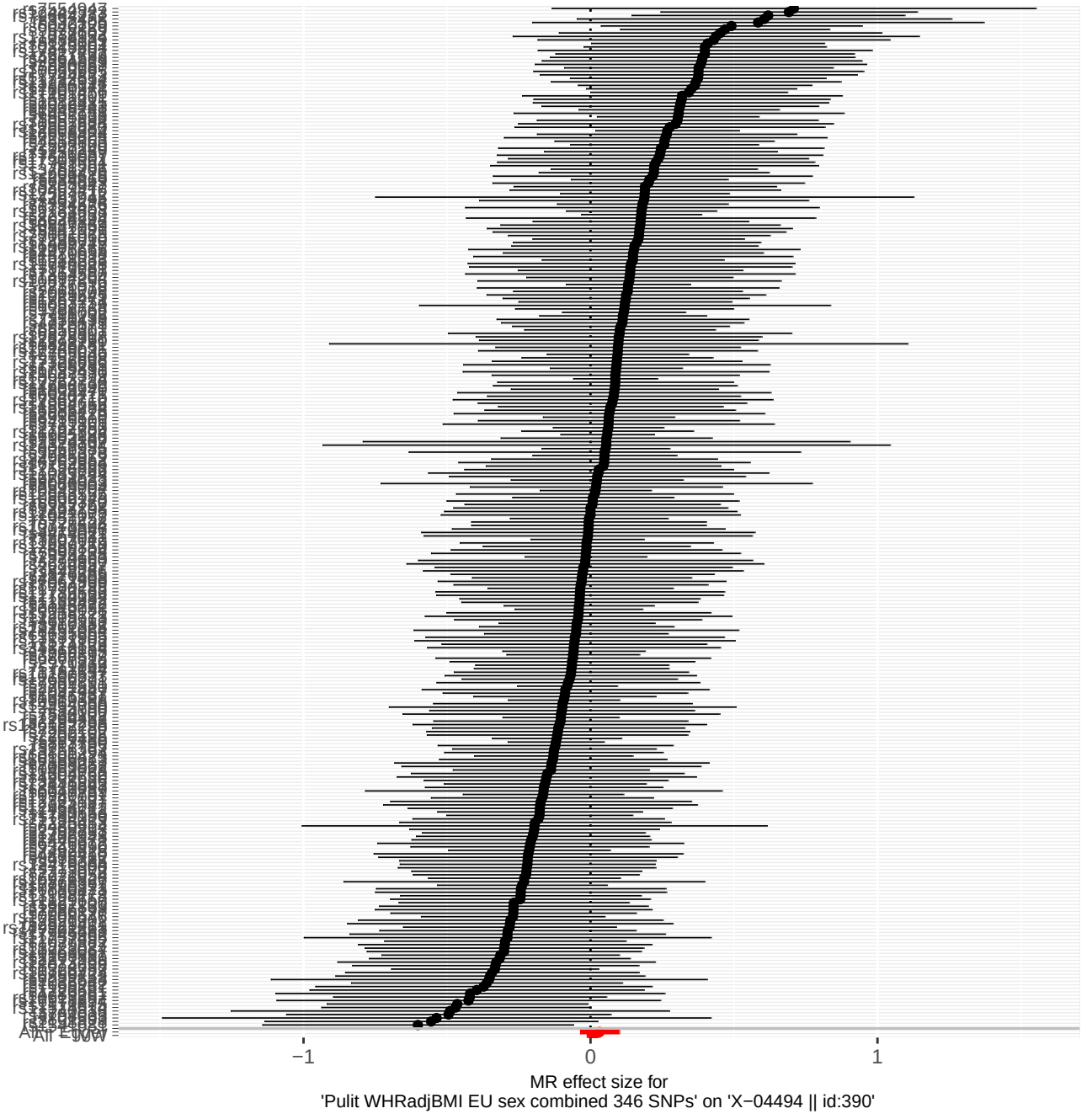

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−phenylpropionate (hydrocinnamate) || id:385'

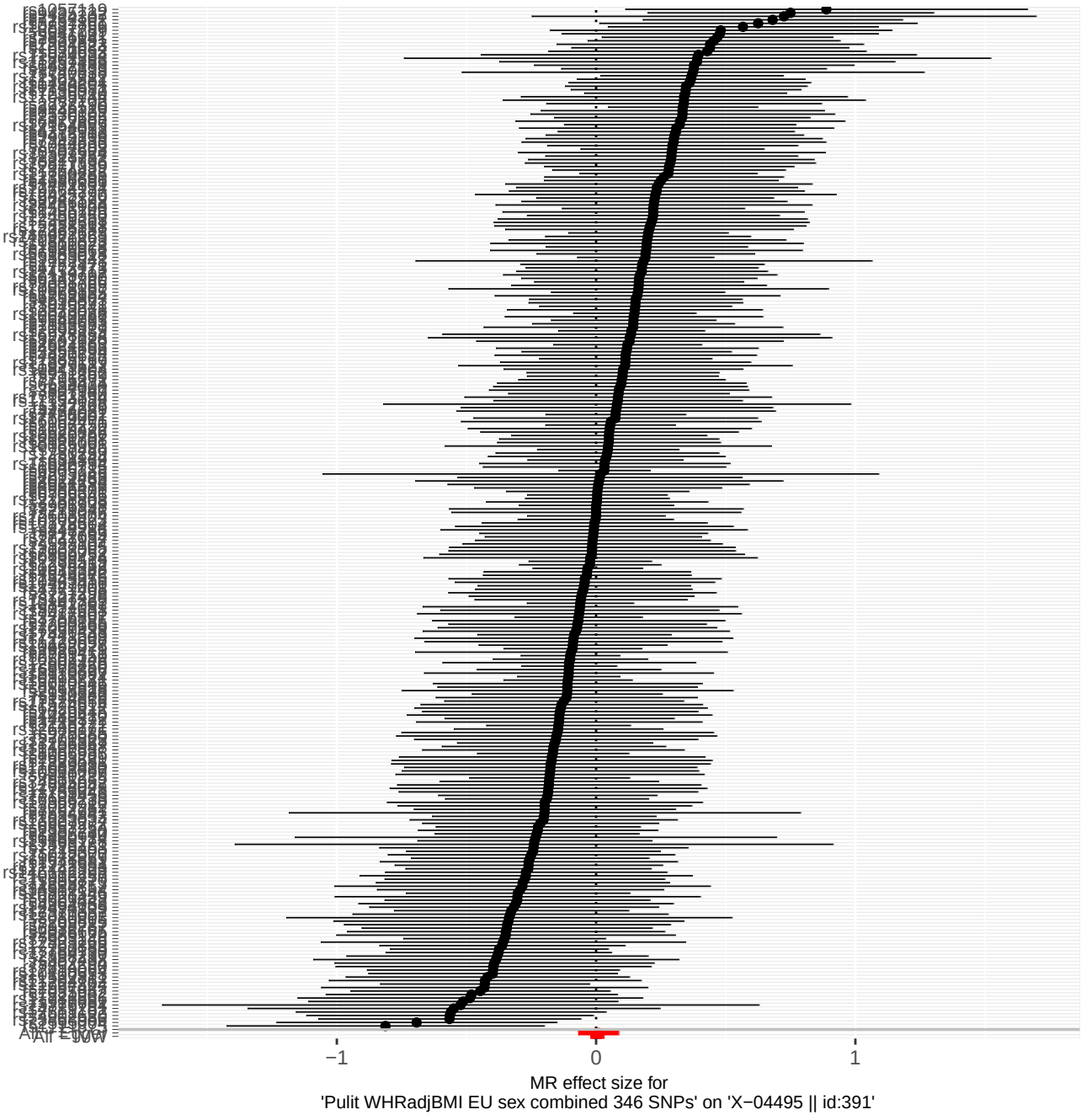

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Phenylacetate || id:386'

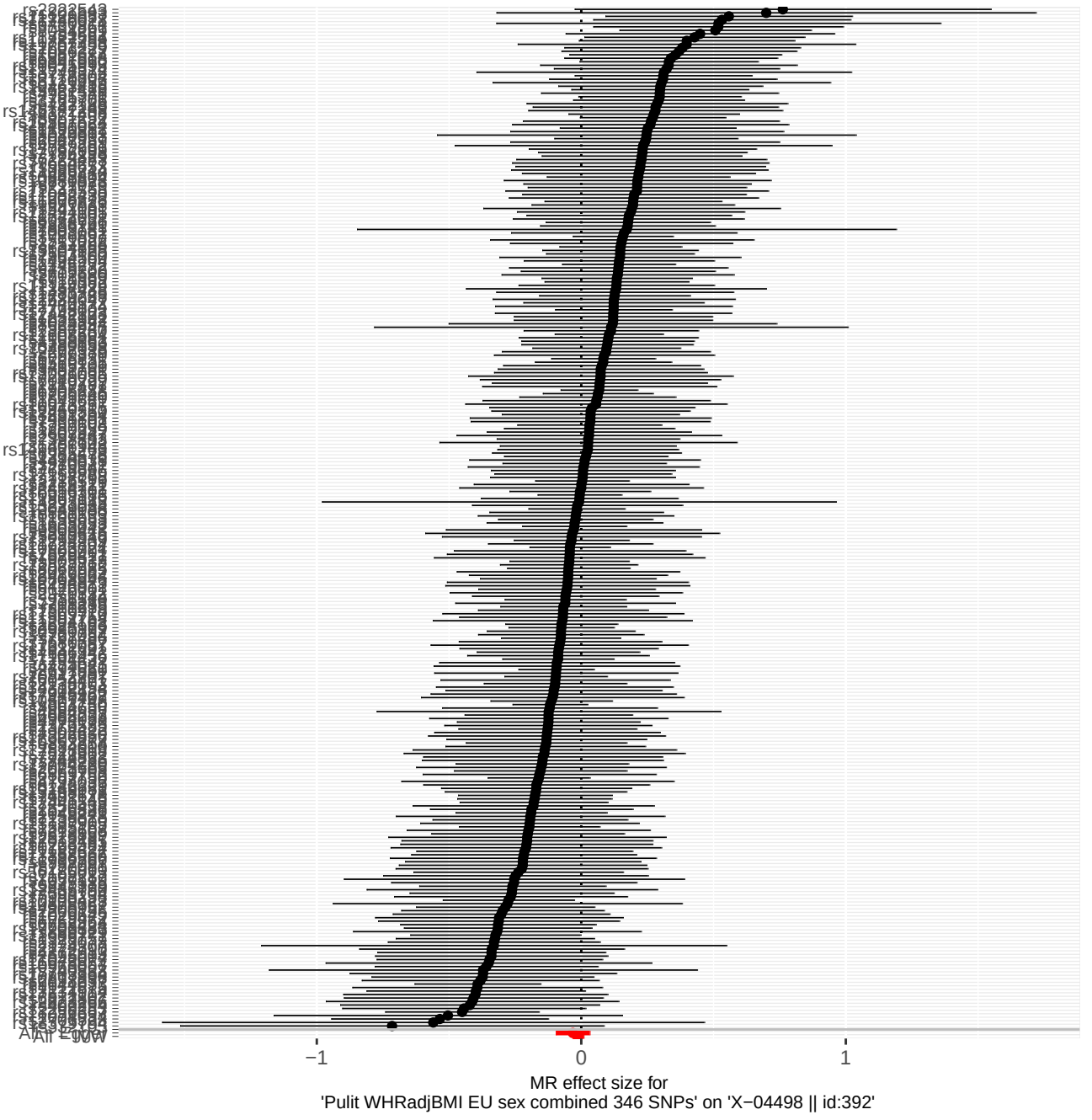

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glycerophosphorylcholine (GPC) || id:387'

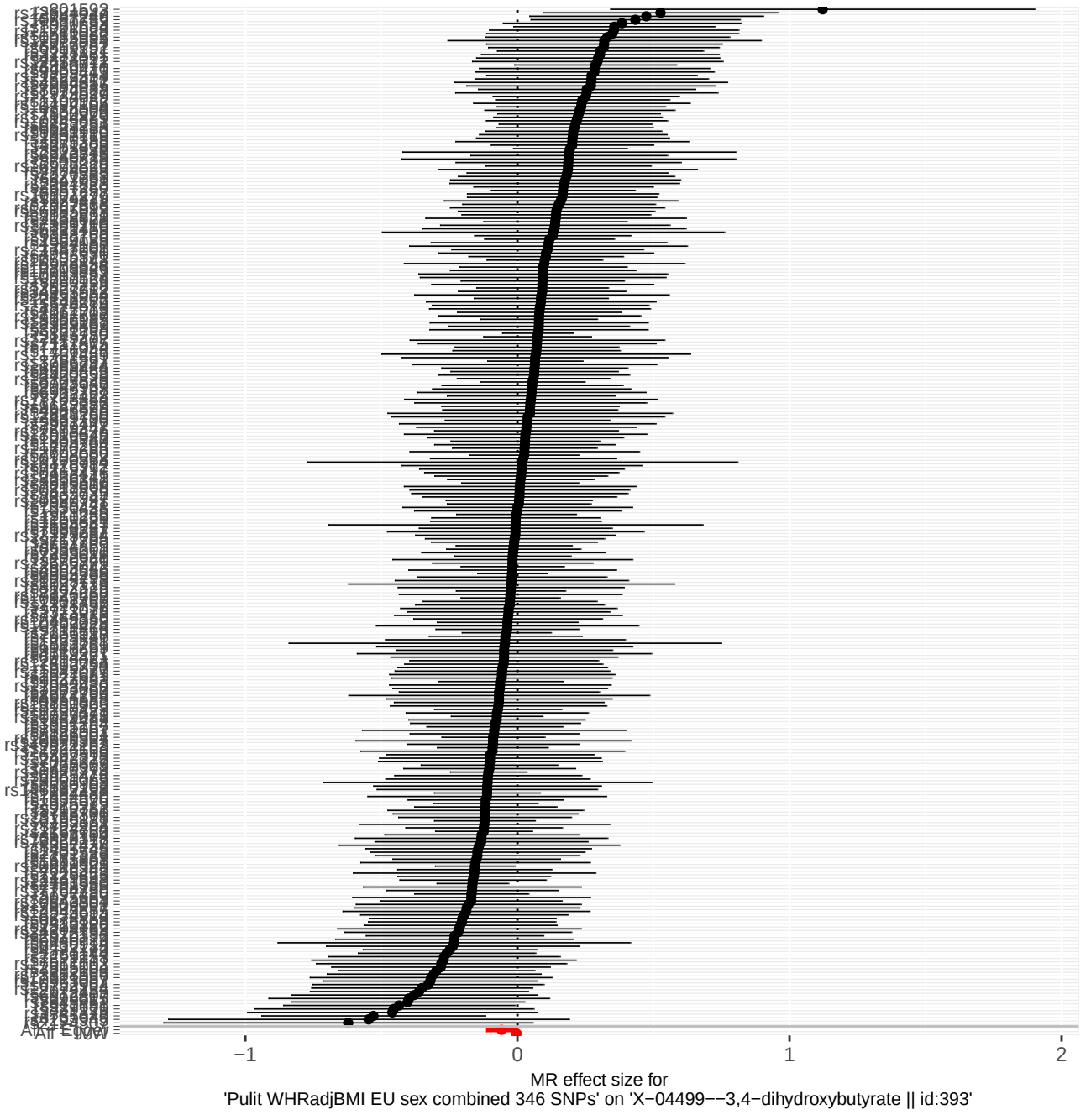

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Aspartate || id:388'

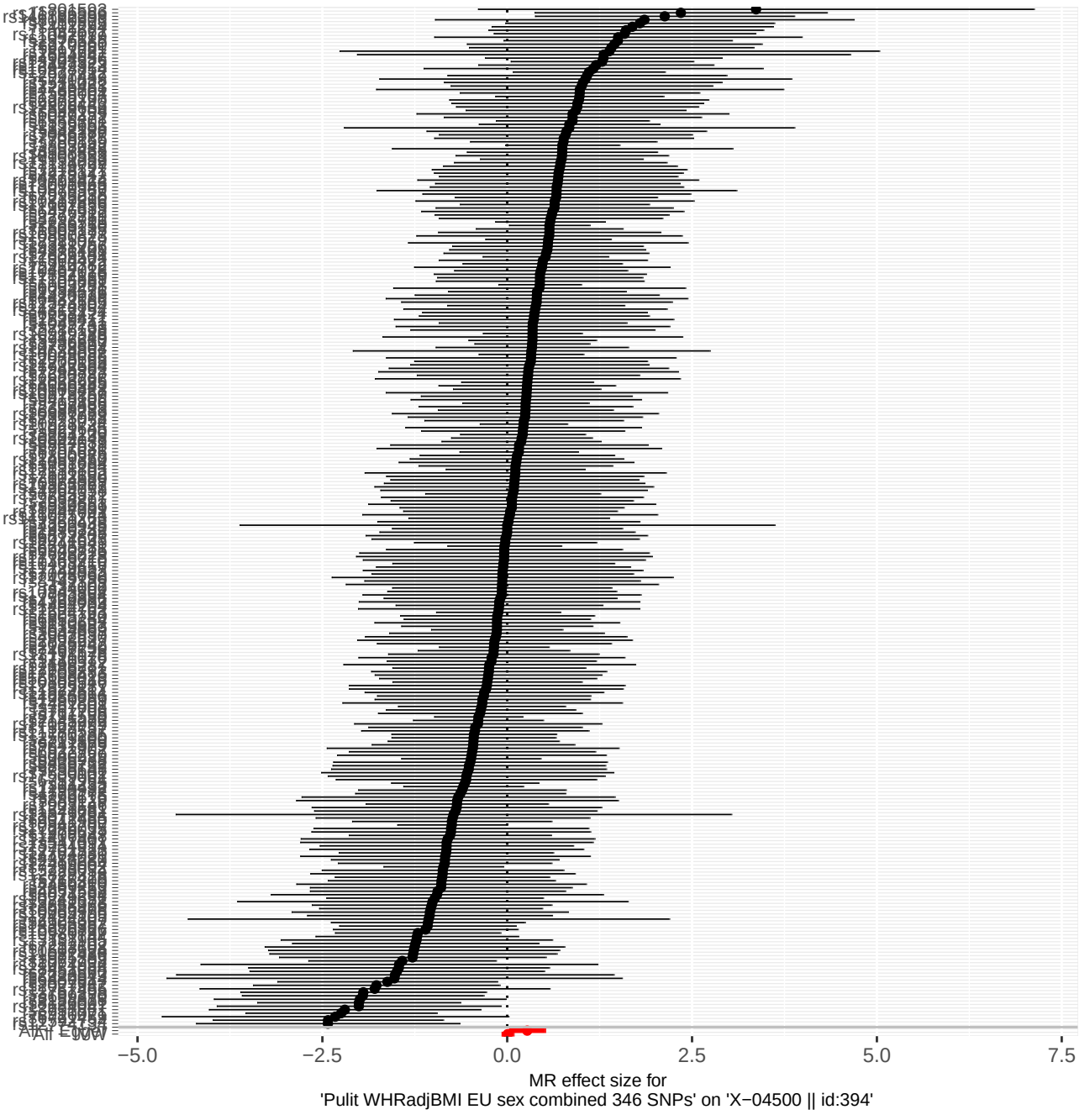

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−04357 || id:389'

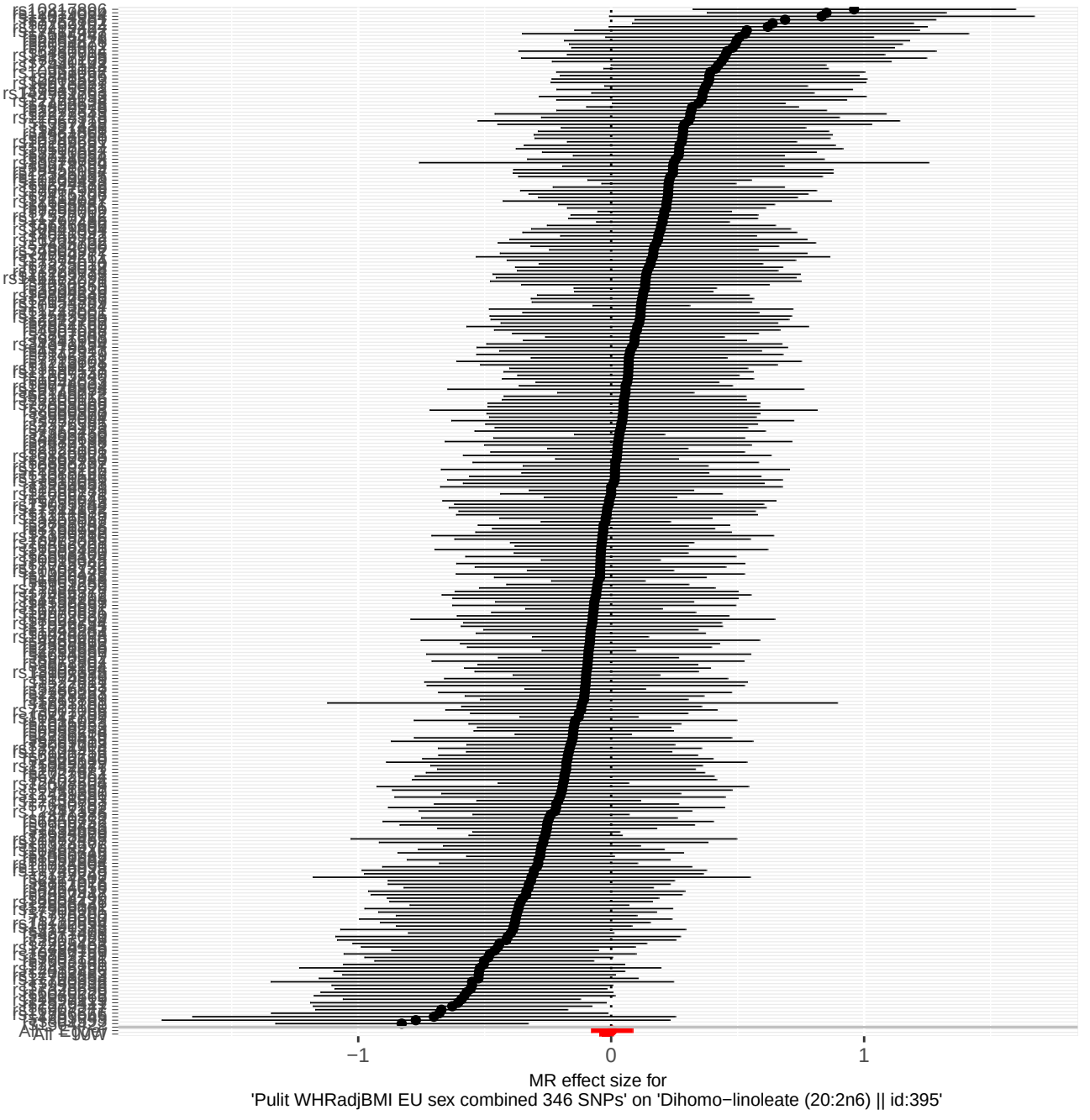

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−04494 || id:390'

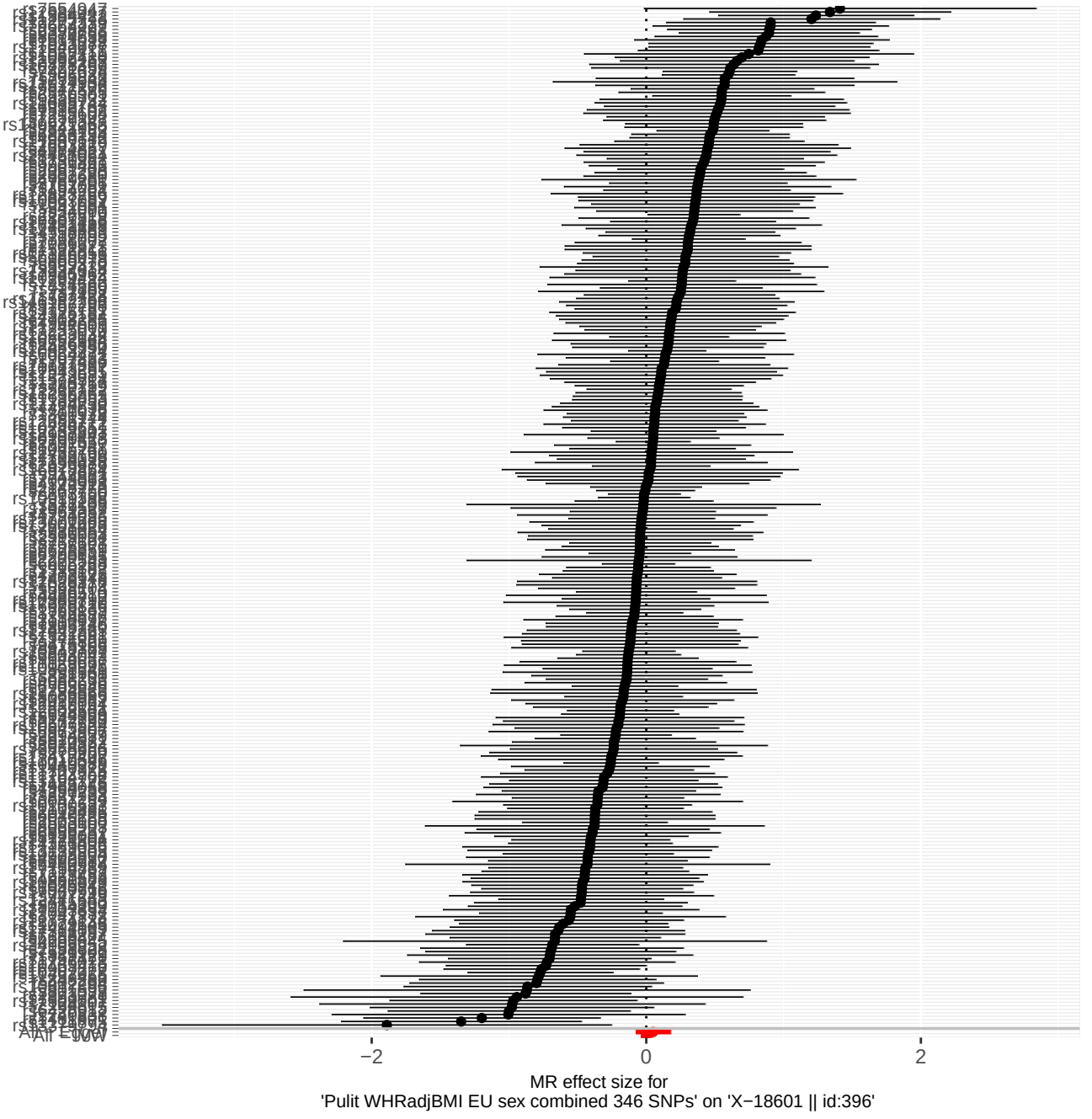

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−04495 || id:391'

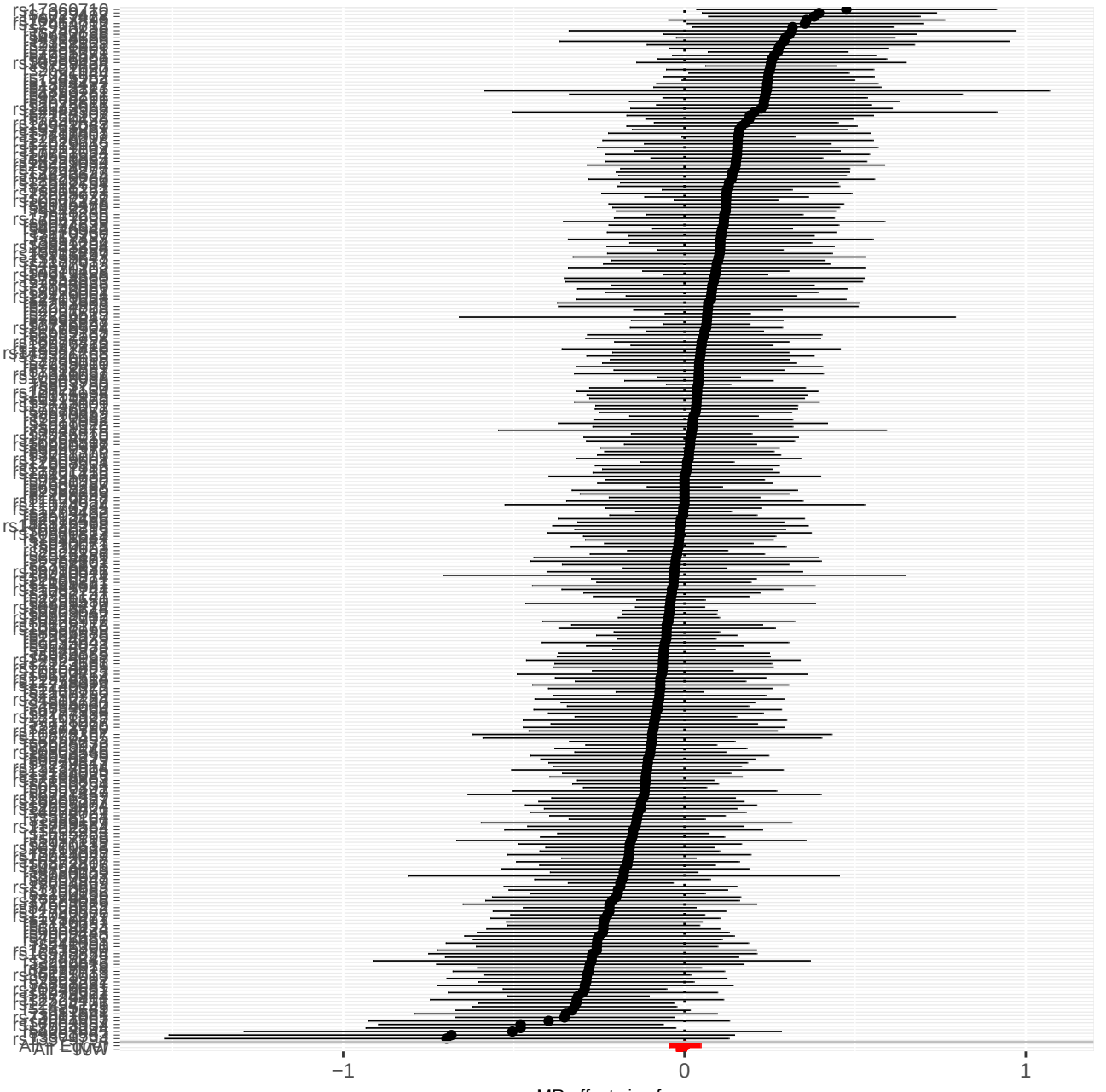

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−04498 || id:392'

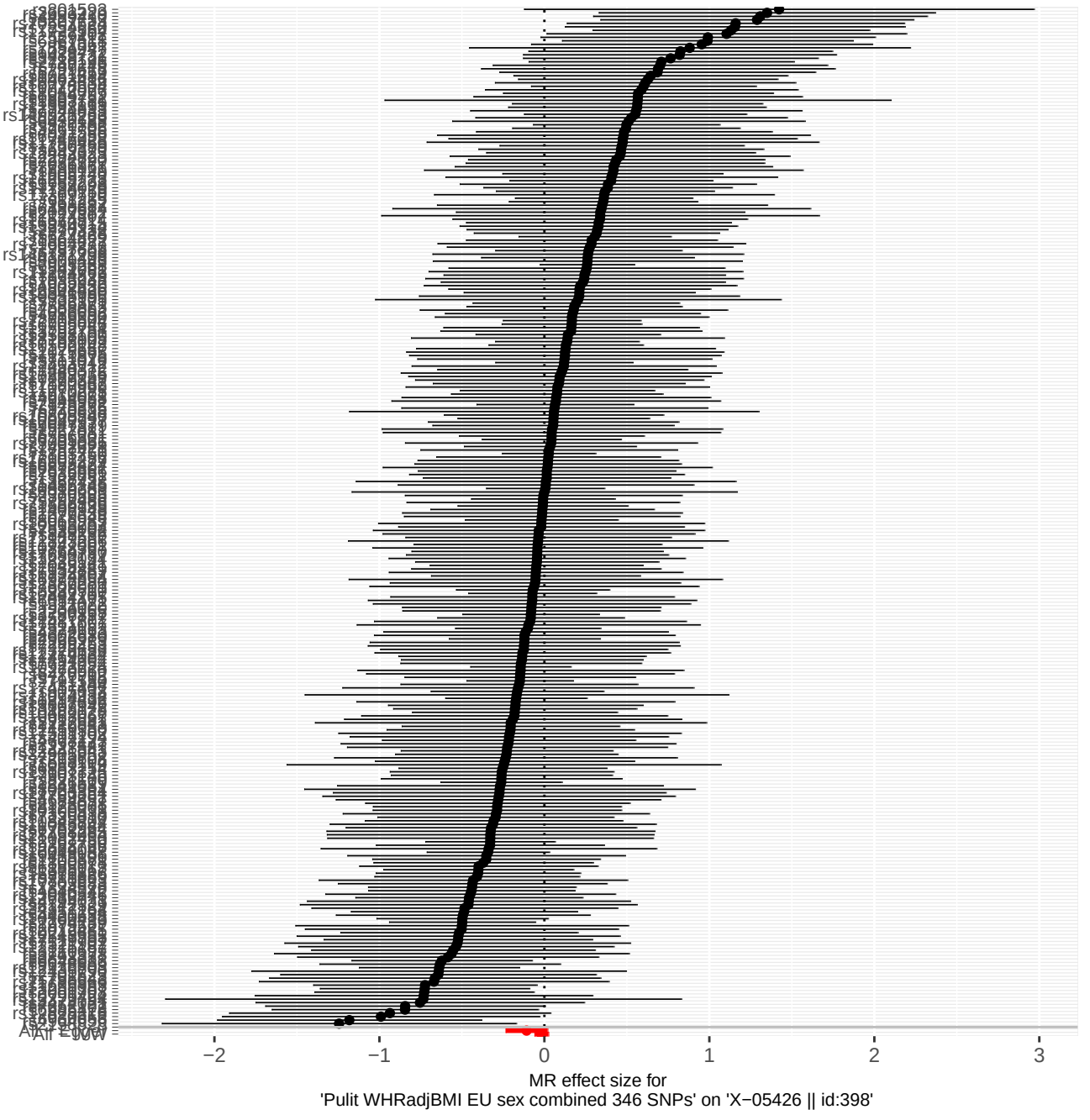

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−04499−−3,4−dihydroxybutyrate || id:393'

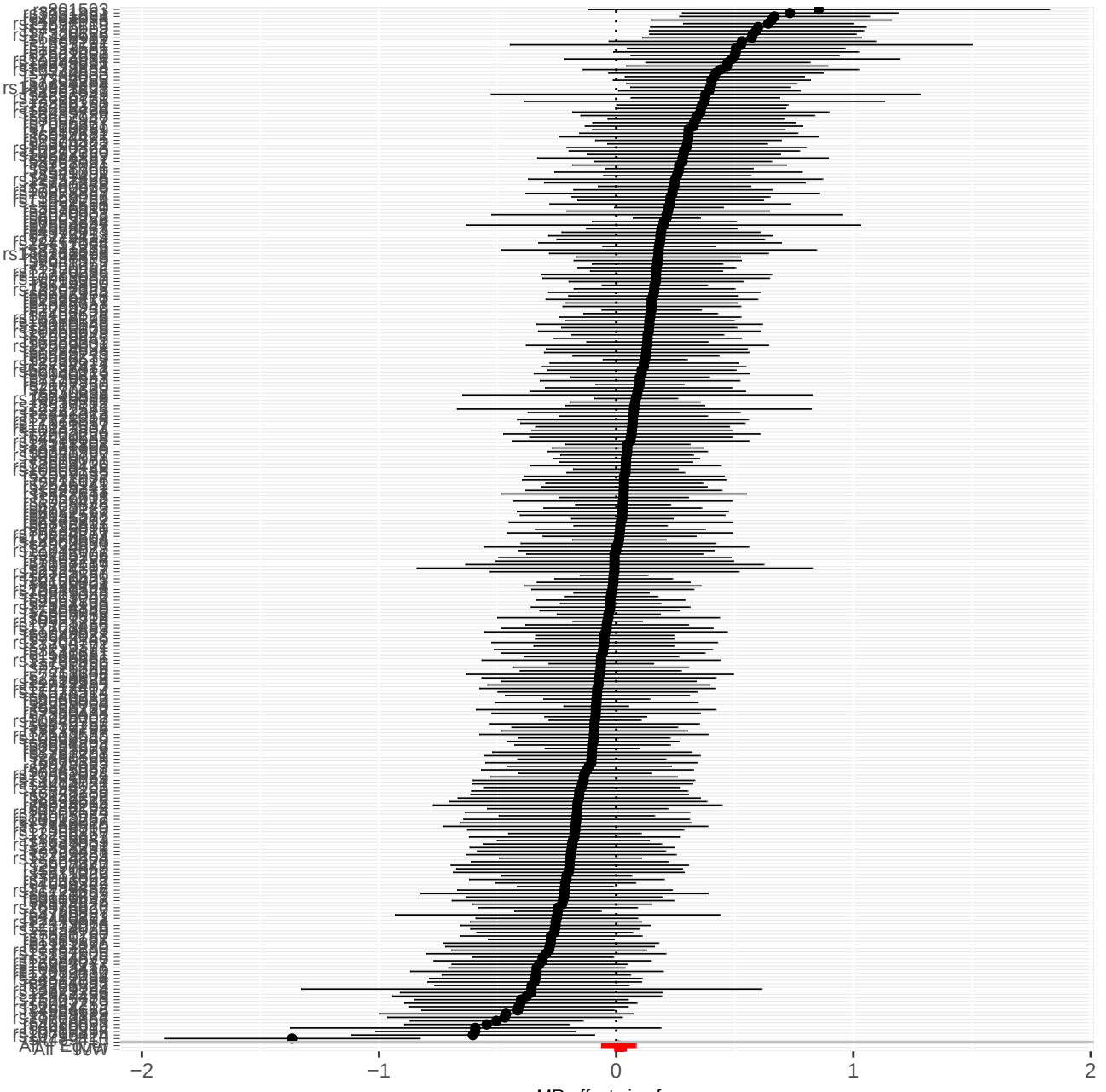

−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−04500 || id:394'

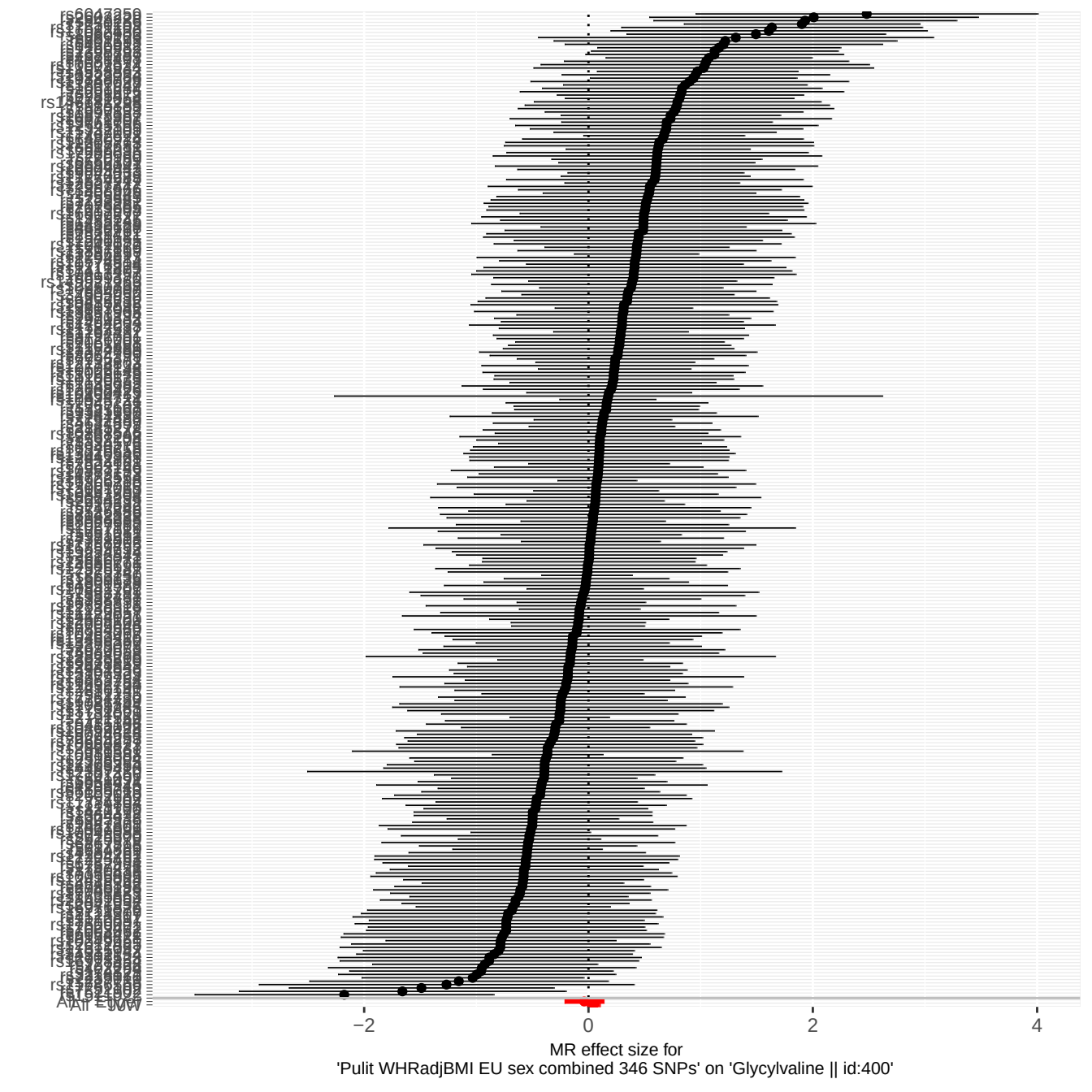

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Dihomo−linoleate (20:2n6) || id:395'

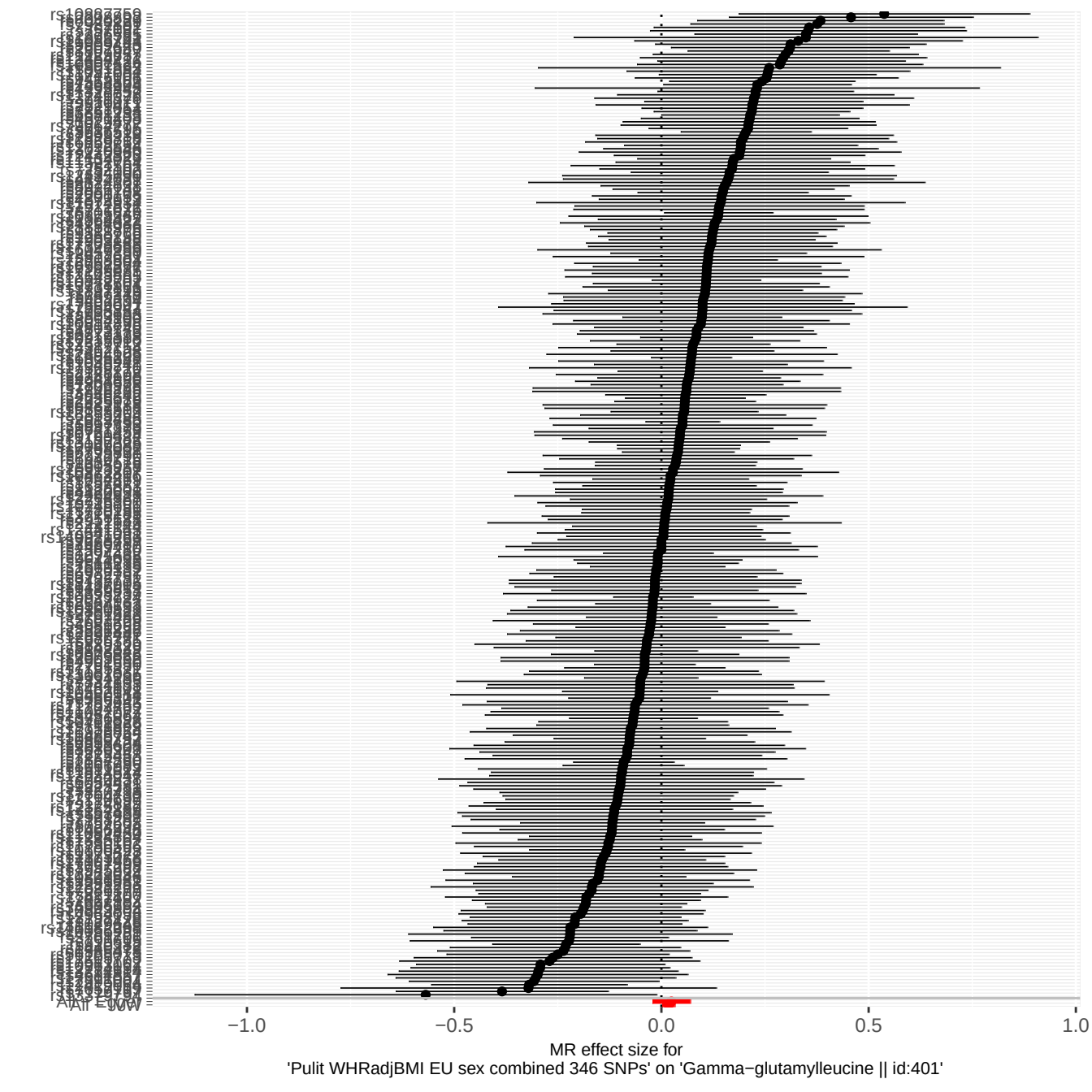

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−18601 || id:396'

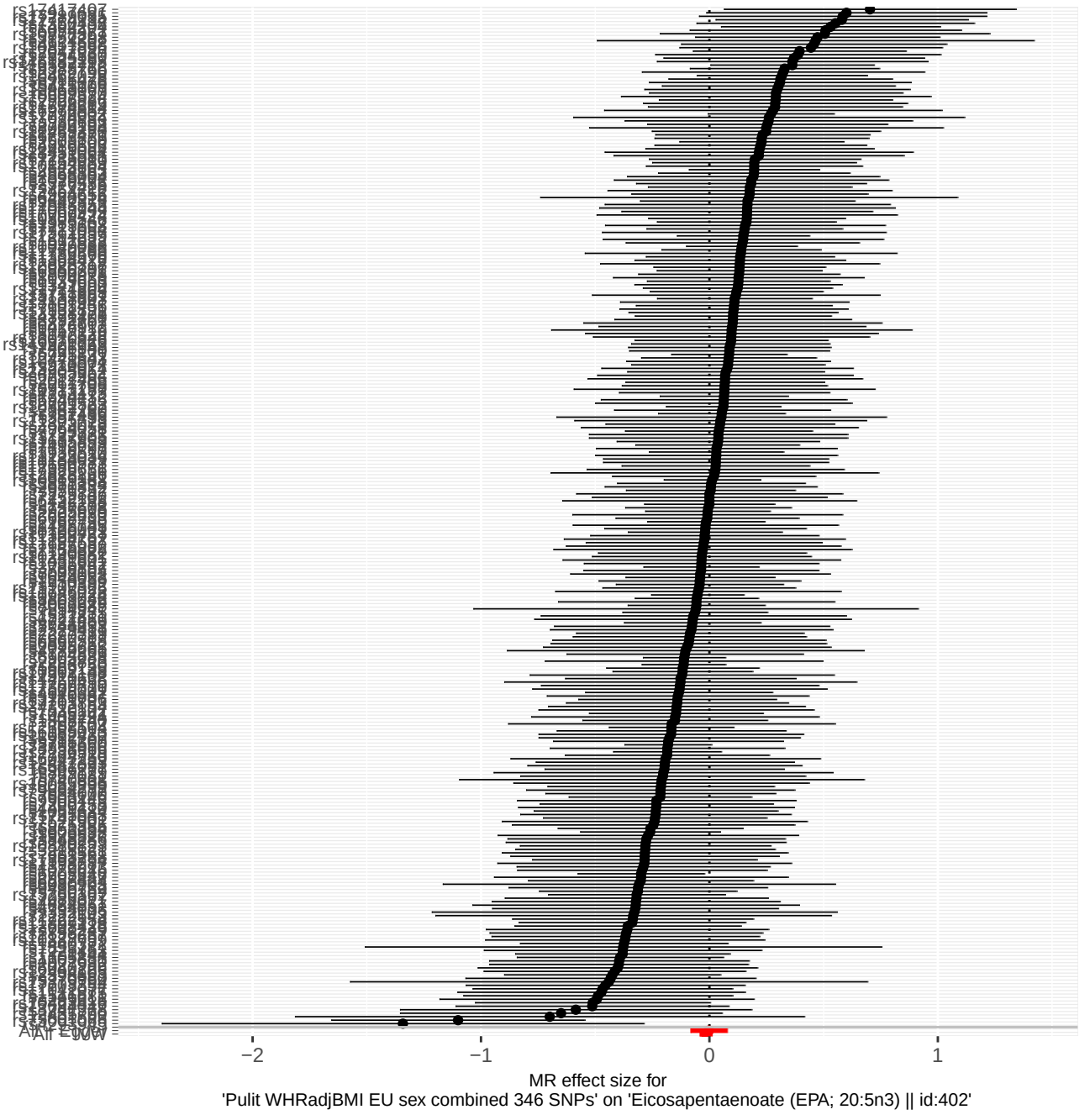

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−hydroxystearate || id:397'

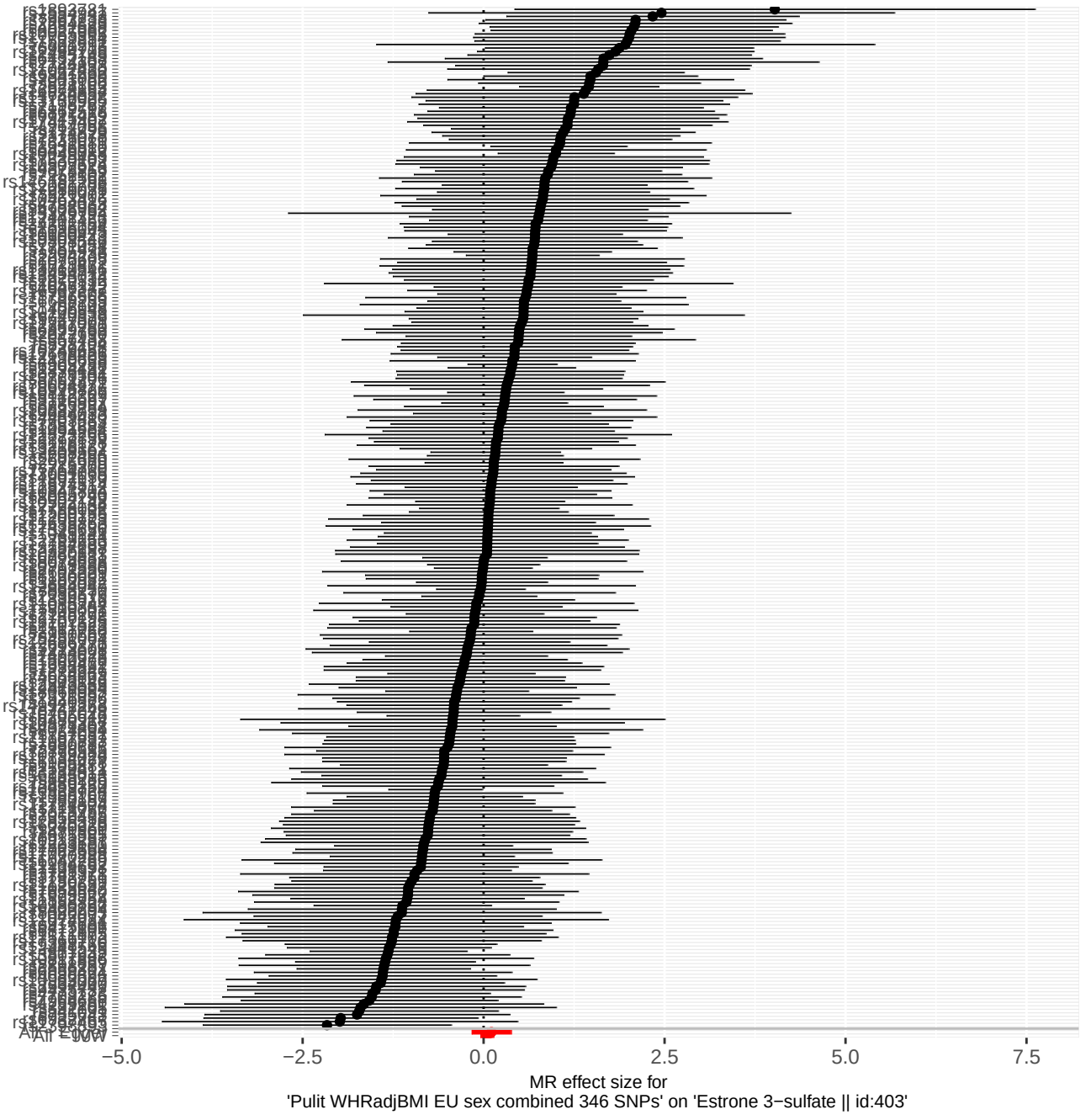

−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−05426 || id:398'

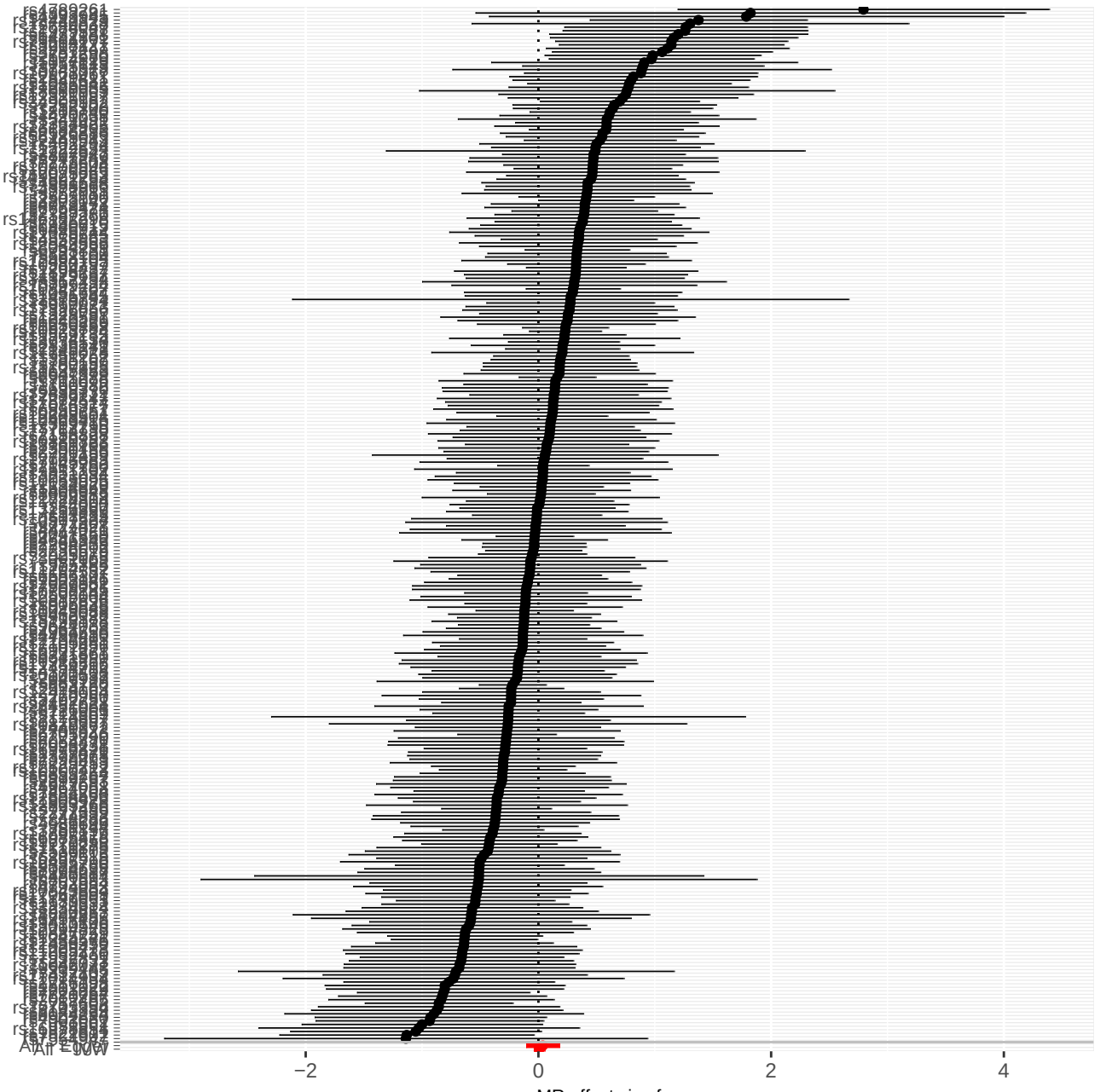

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Indolelactate || id:399'

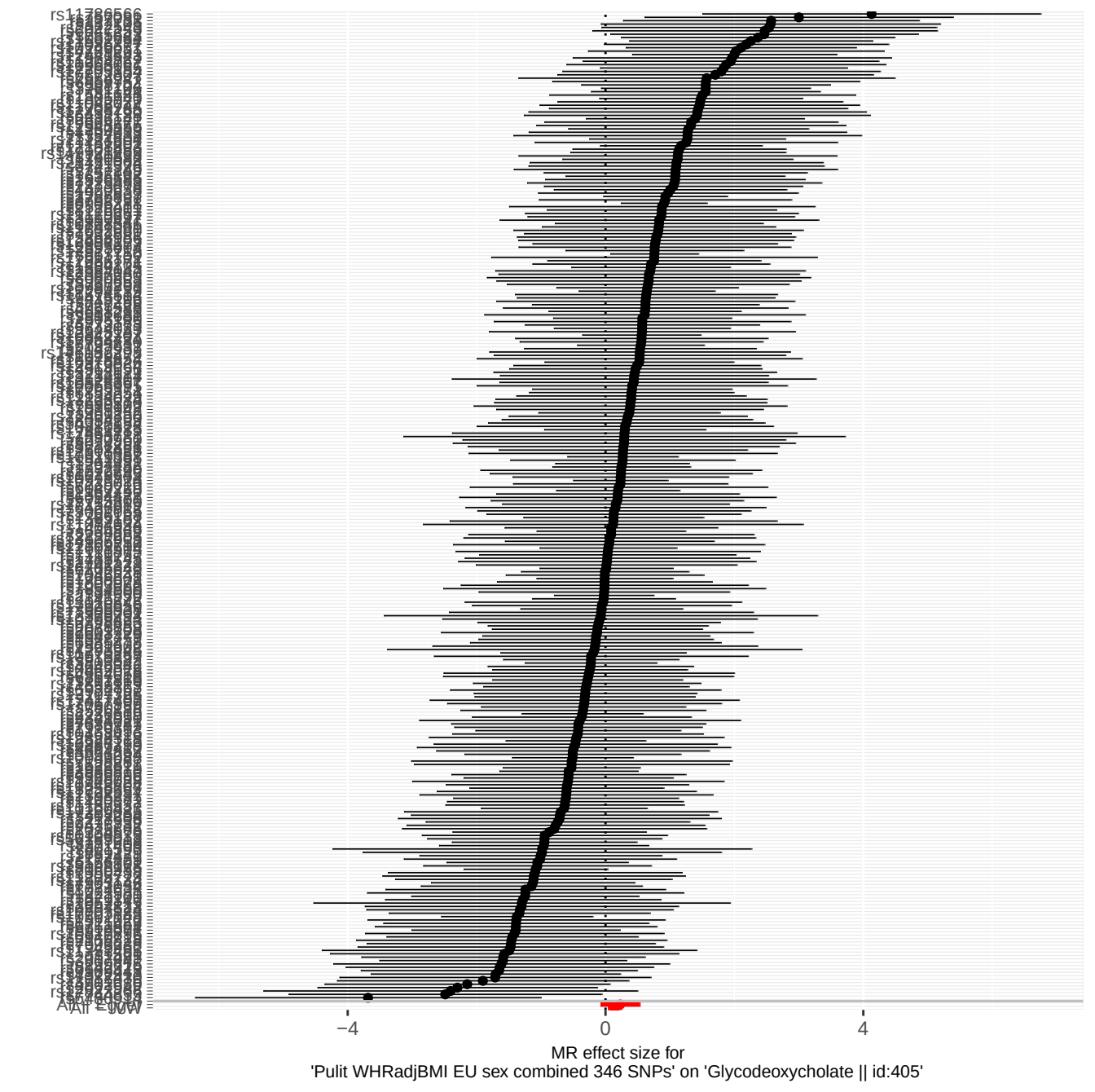

−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glycylvaline || id:400'

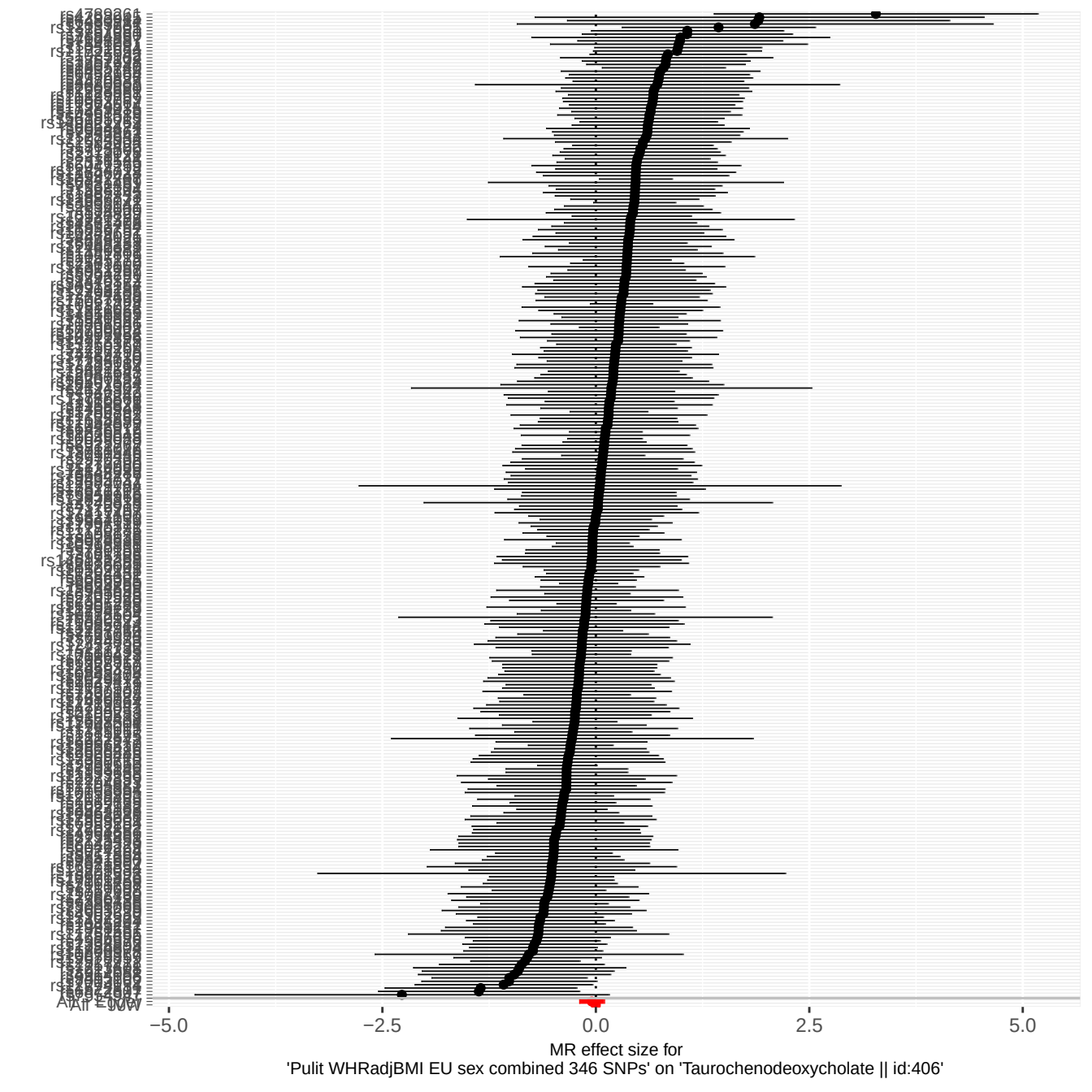

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−glutamylleucine || id:401'

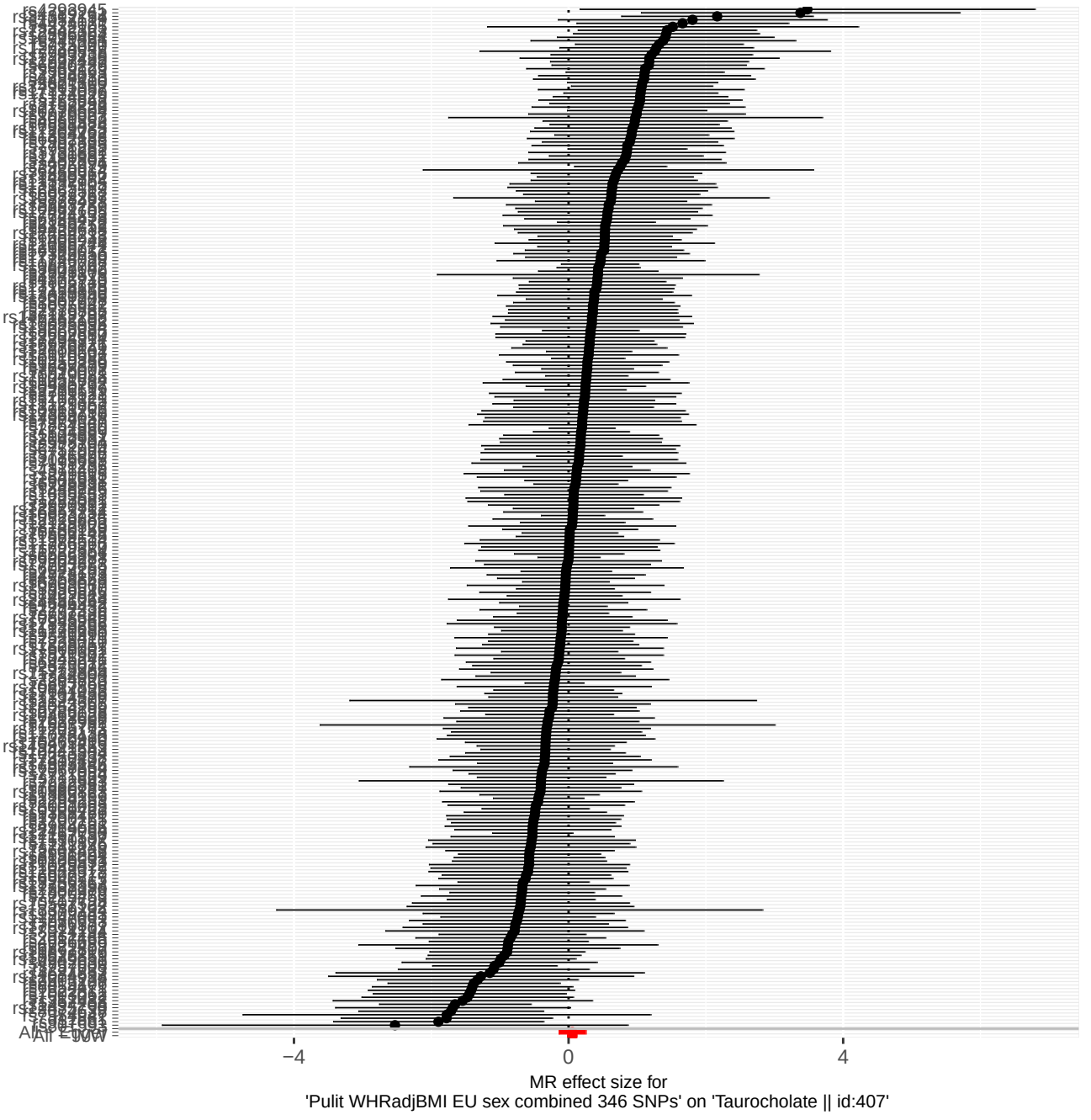

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Eicosapentaenoate (EPA; 20:5n3) || id:402'

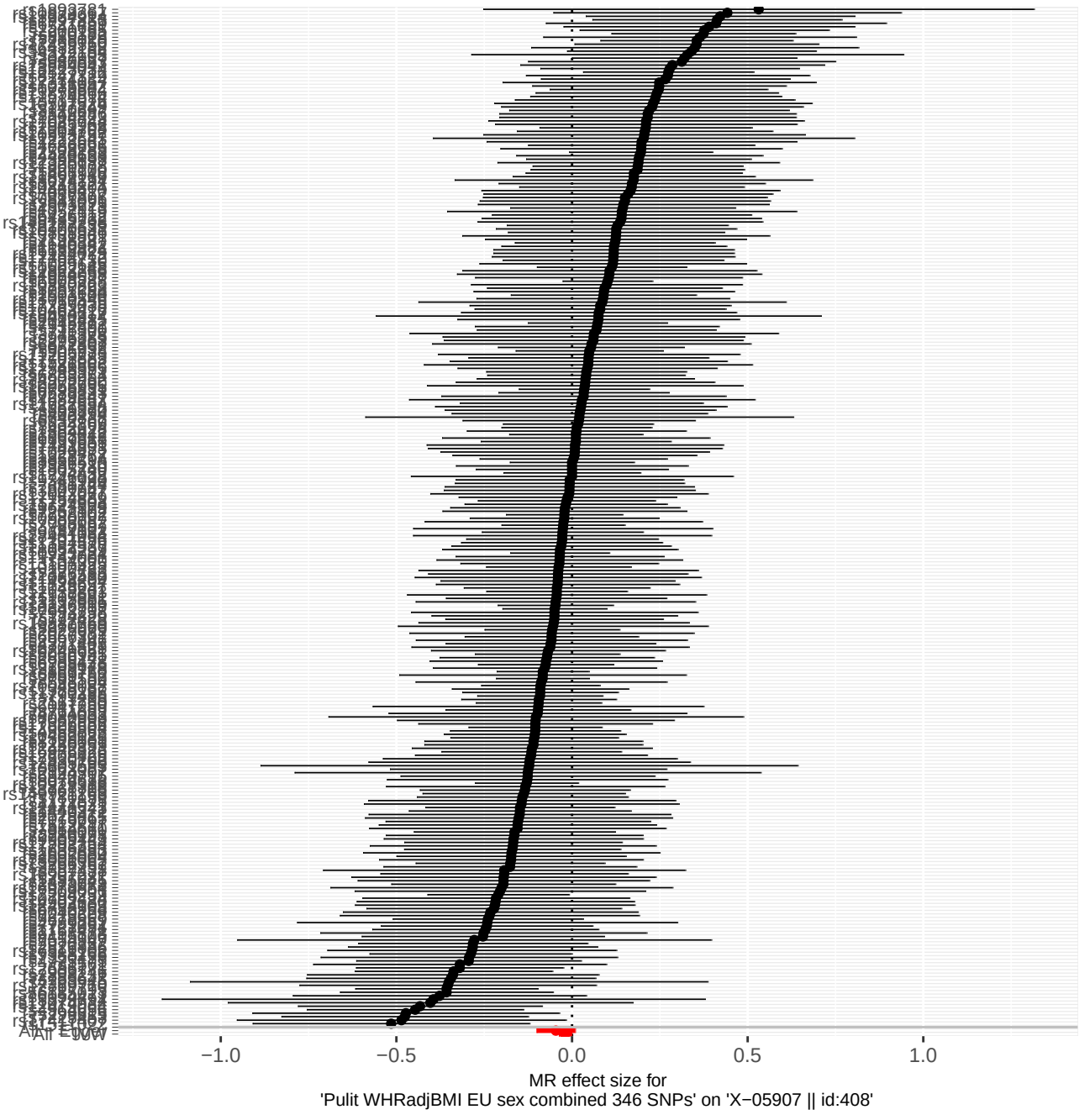

−5.0
−2.5
0.0
2.5
5.0
7.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Estrone 3−sulfate || id:403'

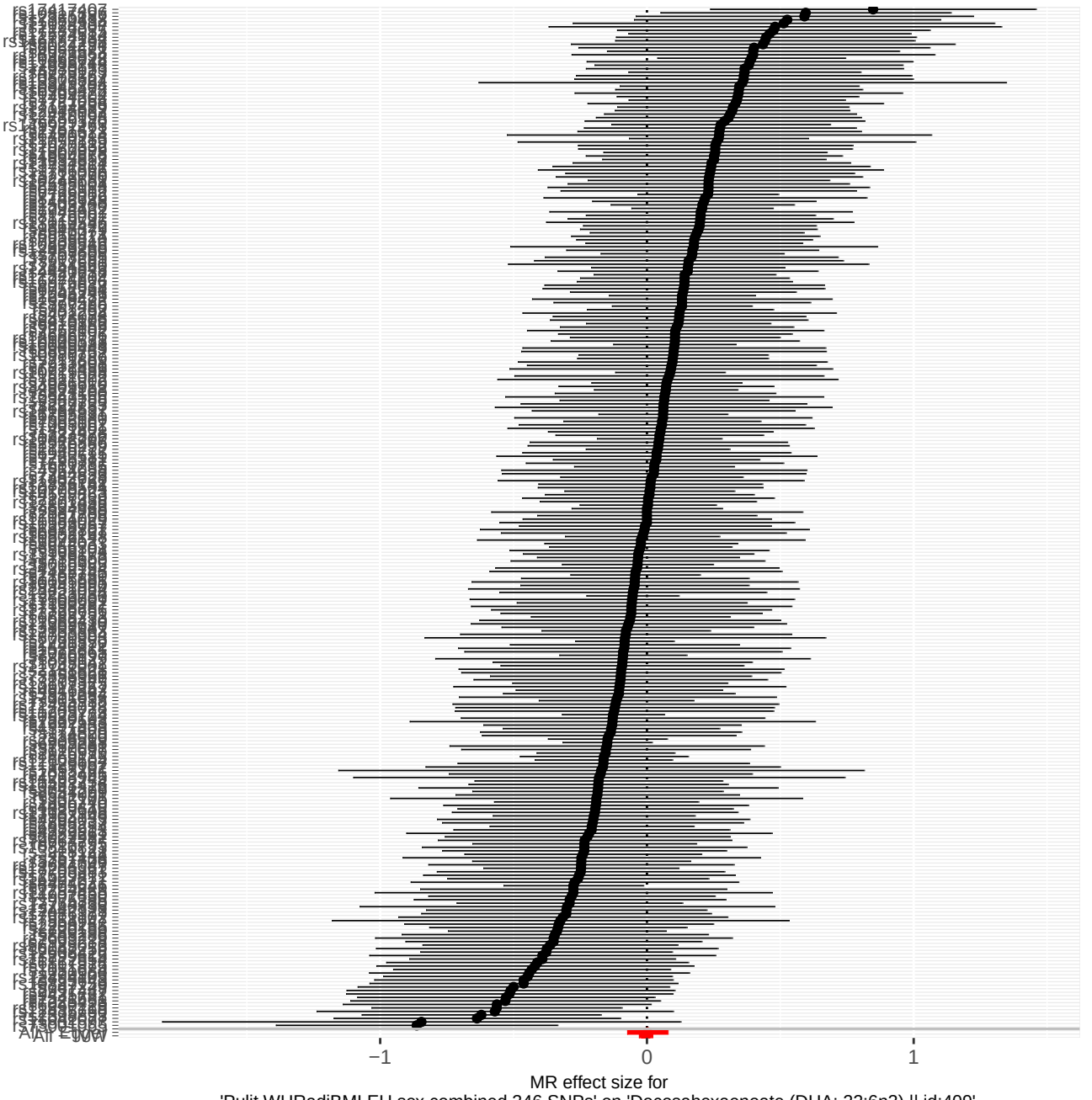

−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glycocholate || id:404'

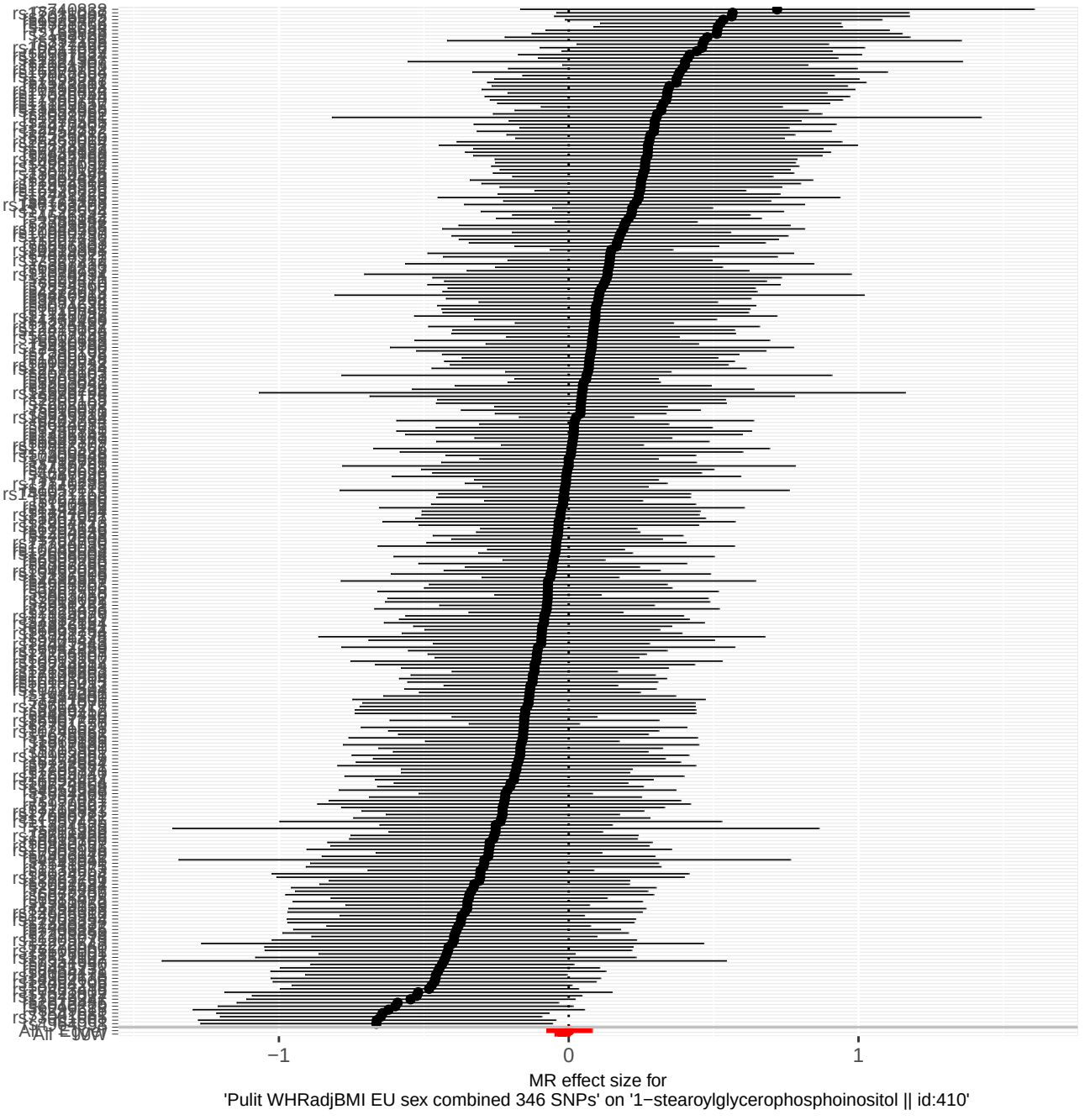

−4
0
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glycodeoxycholate || id:405'

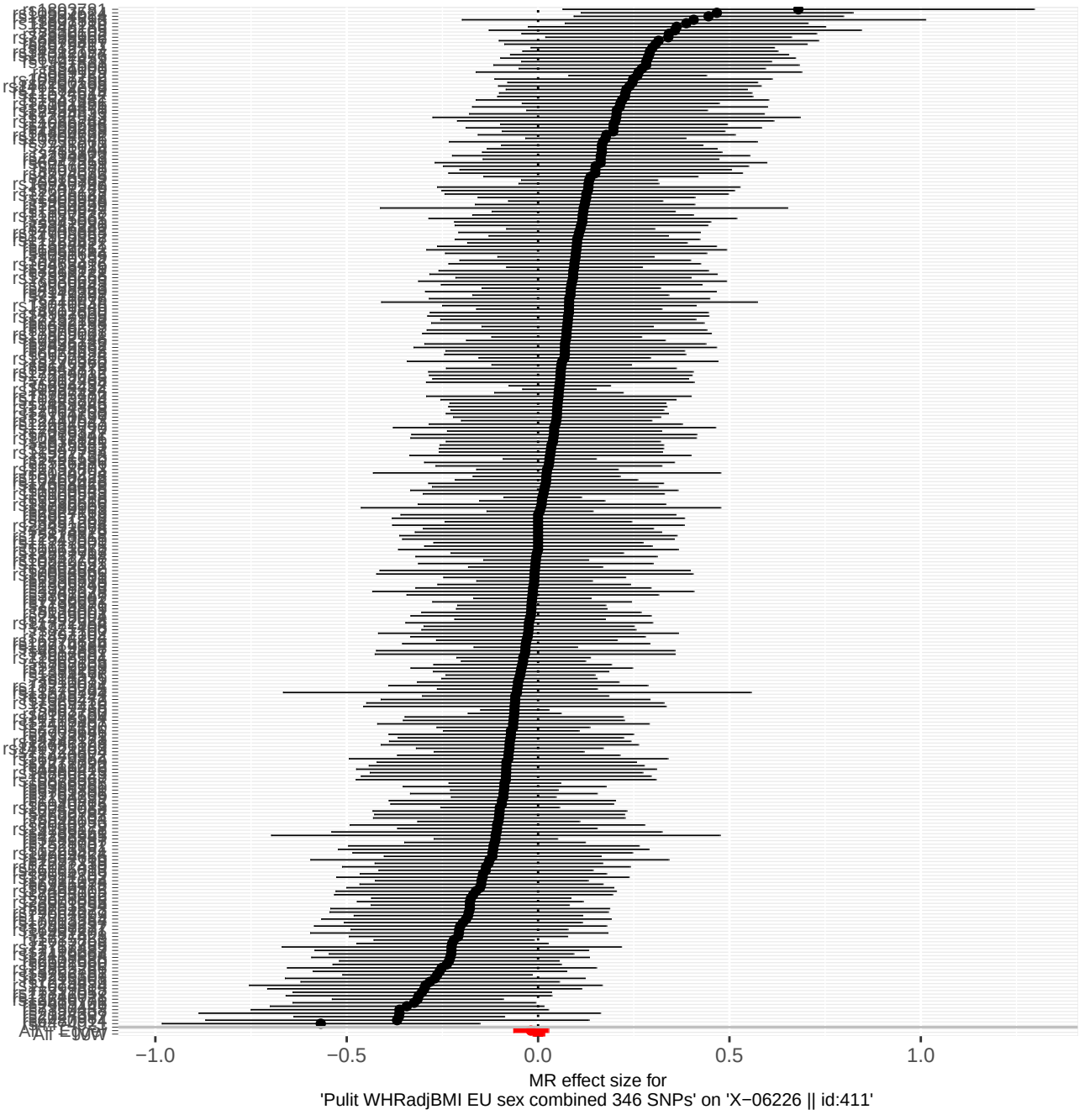

−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Taurochenodeoxycholate || id:406'

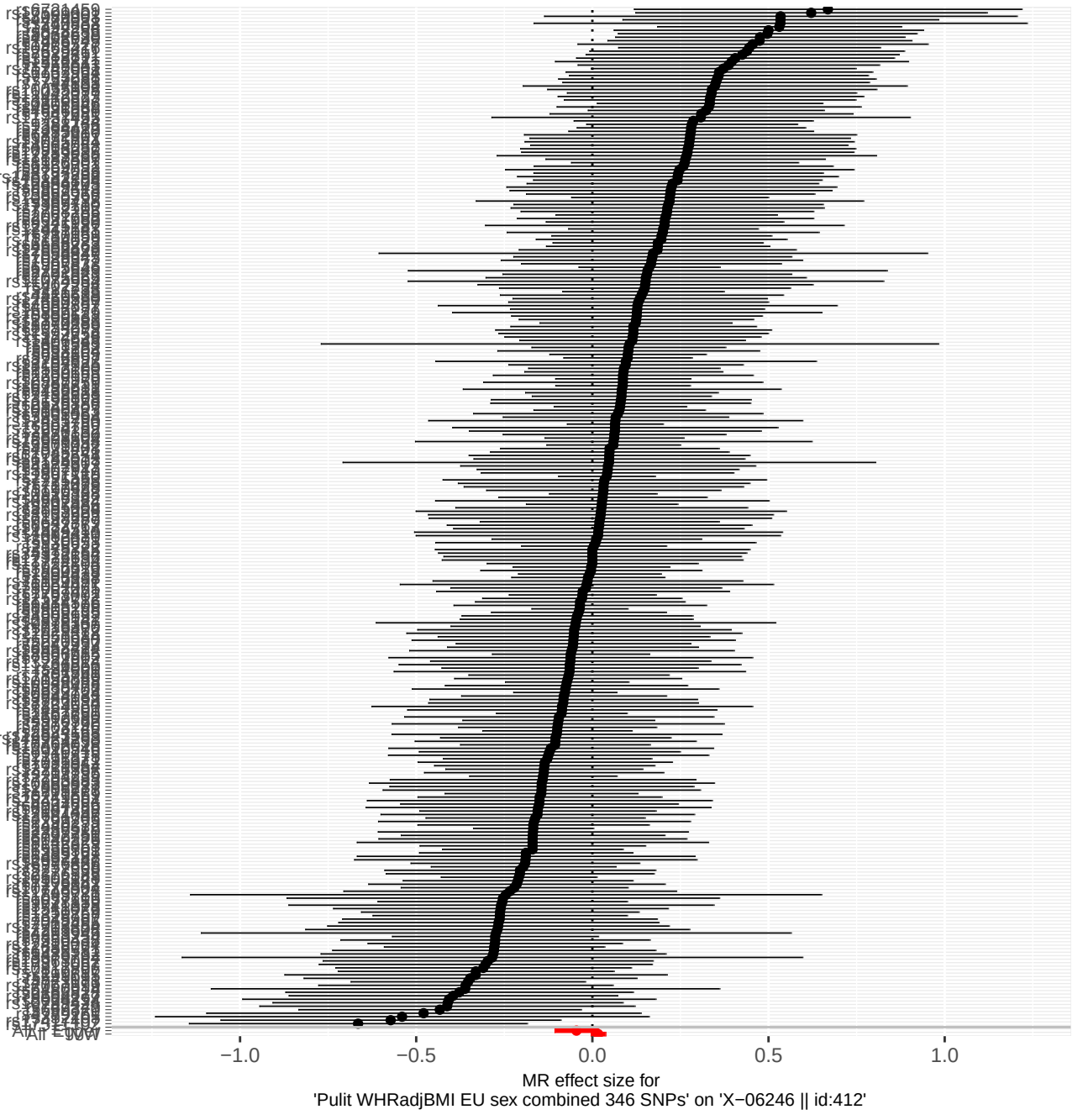

−4
0
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Taurocholate || id:407'

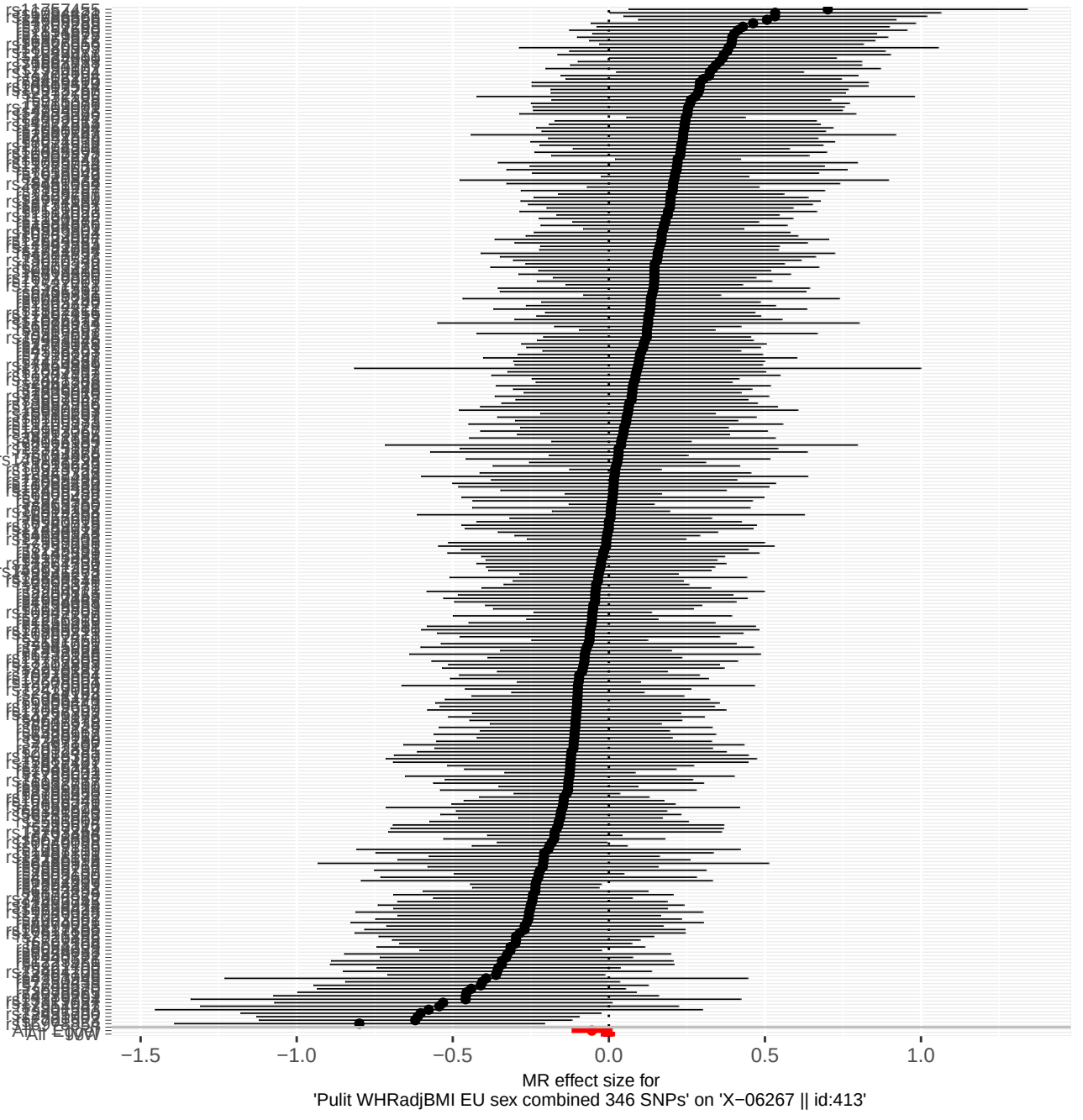

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−05907 || id:408'

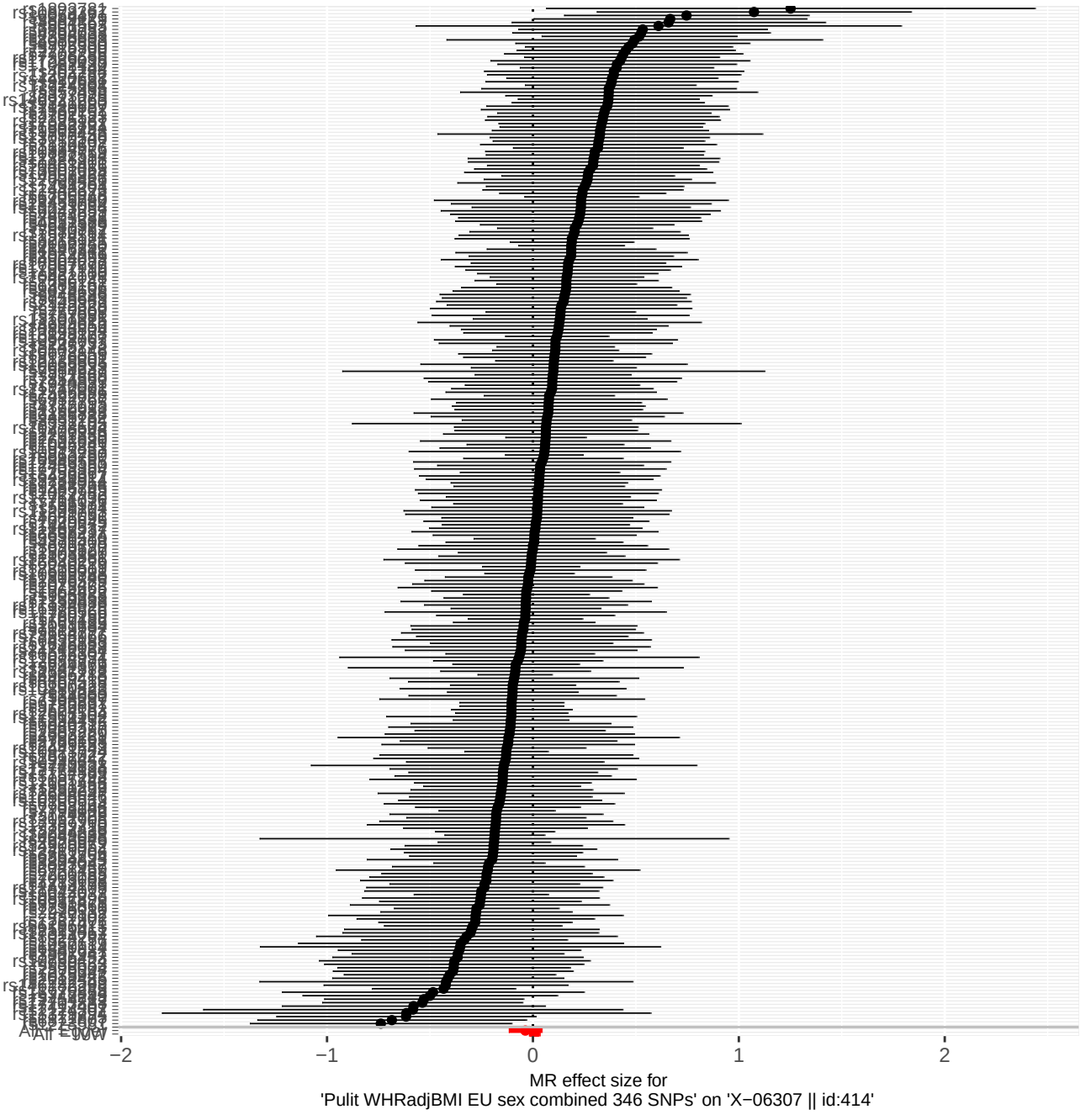

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Docosahexaenoate (DHA; 22:6n3) || id:409'

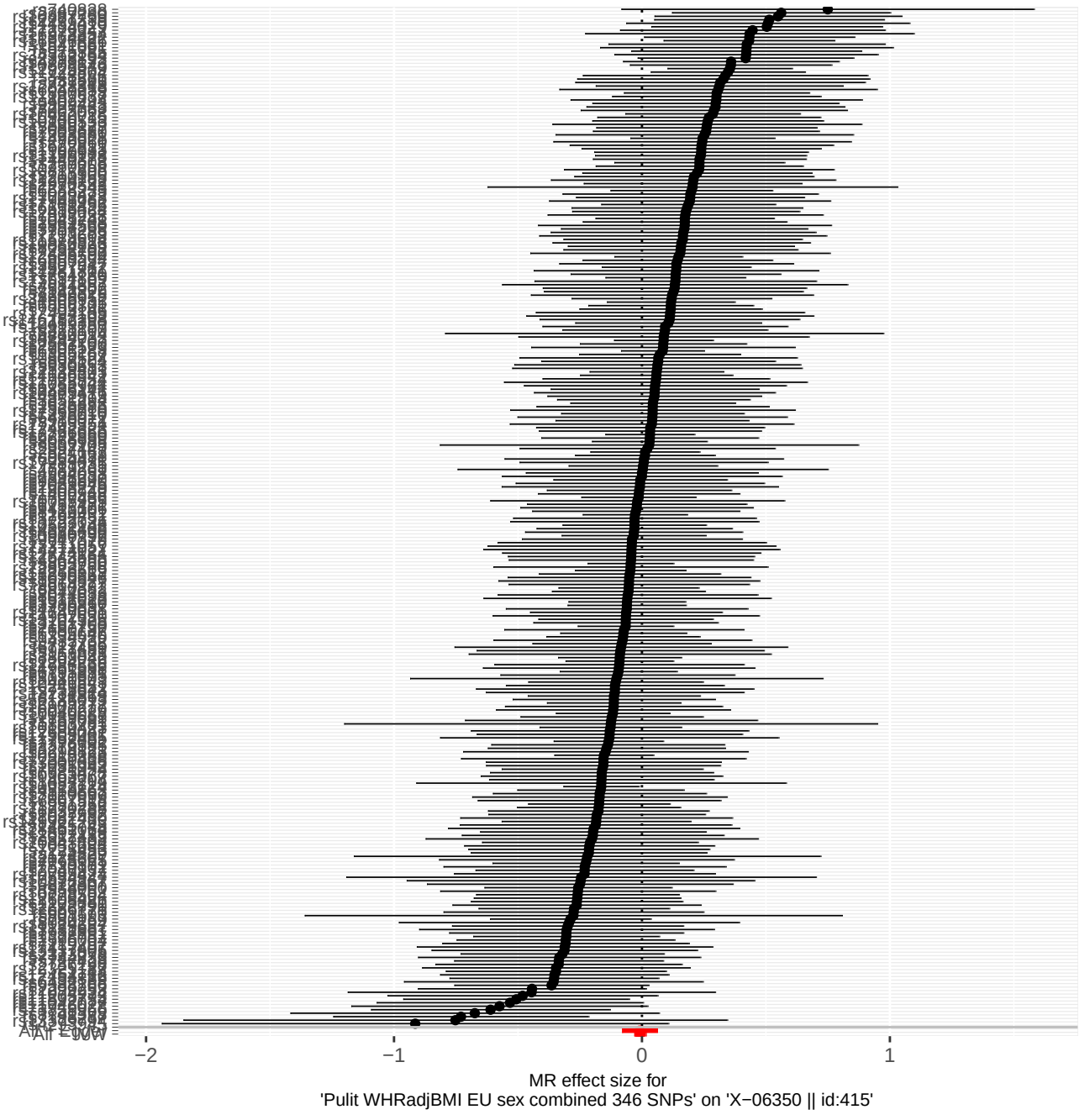

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−stearoylglycerophosphoinositol || id:410'

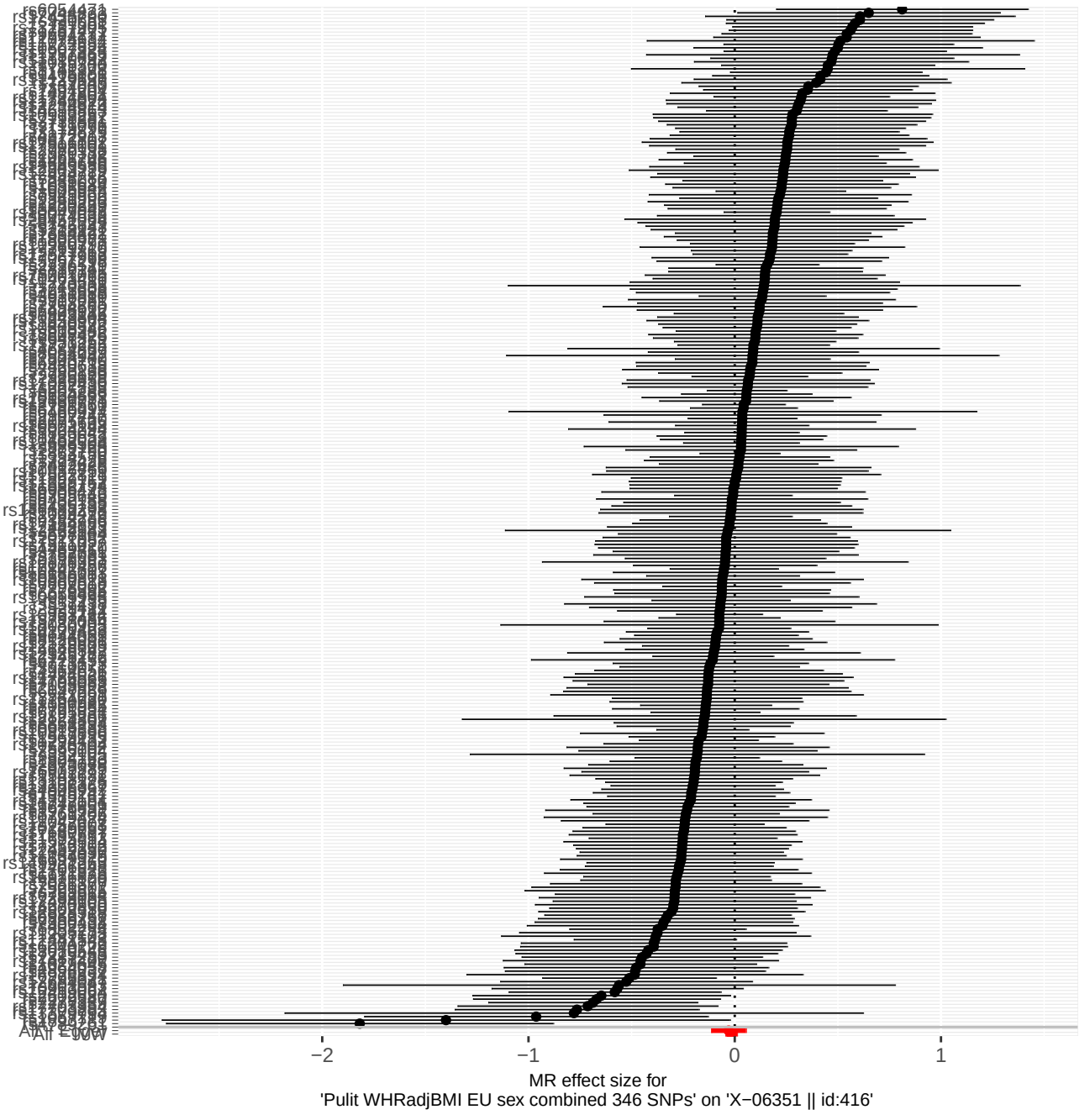

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−06226 || id:411'

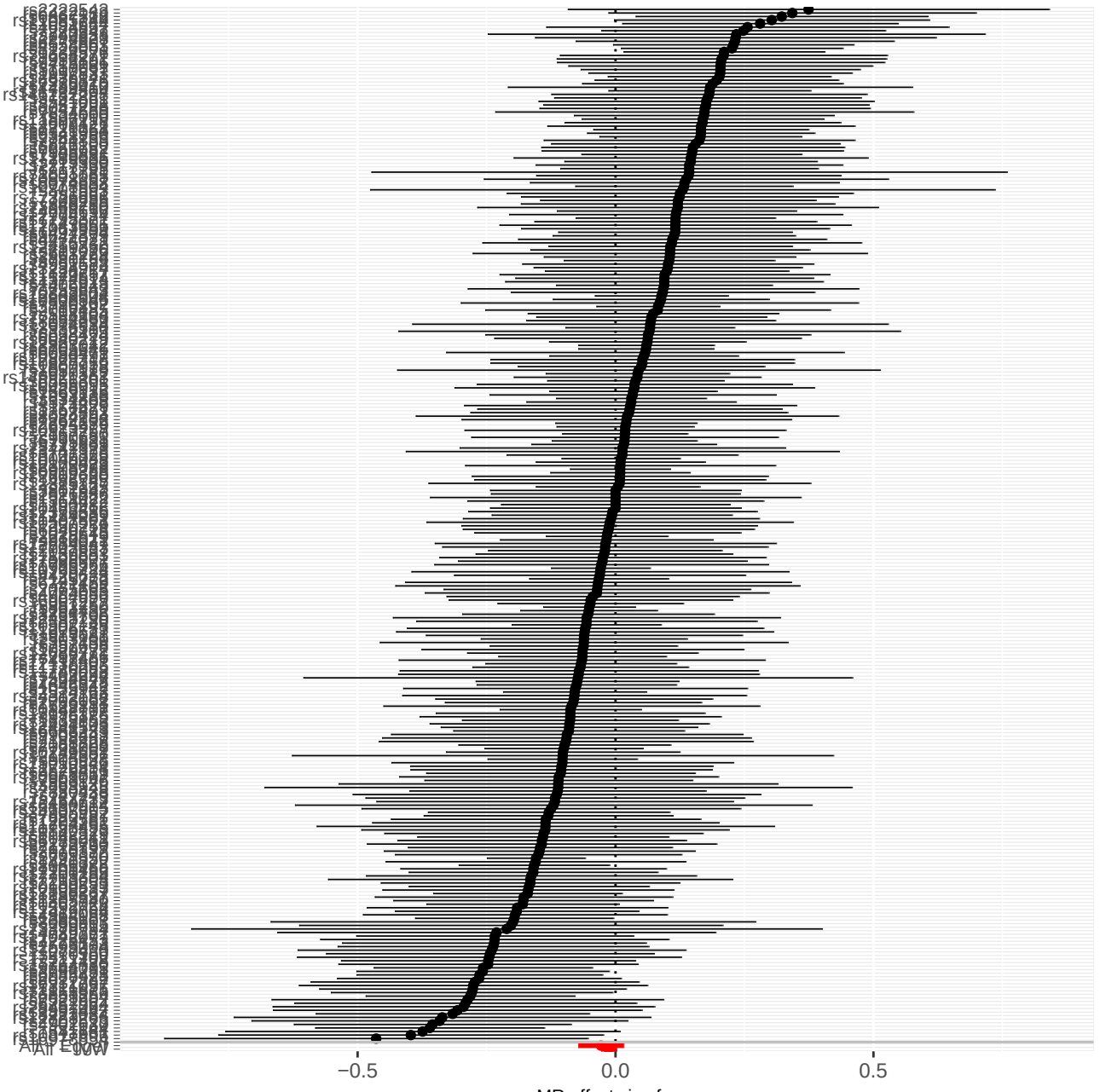

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−06246 || id:412'

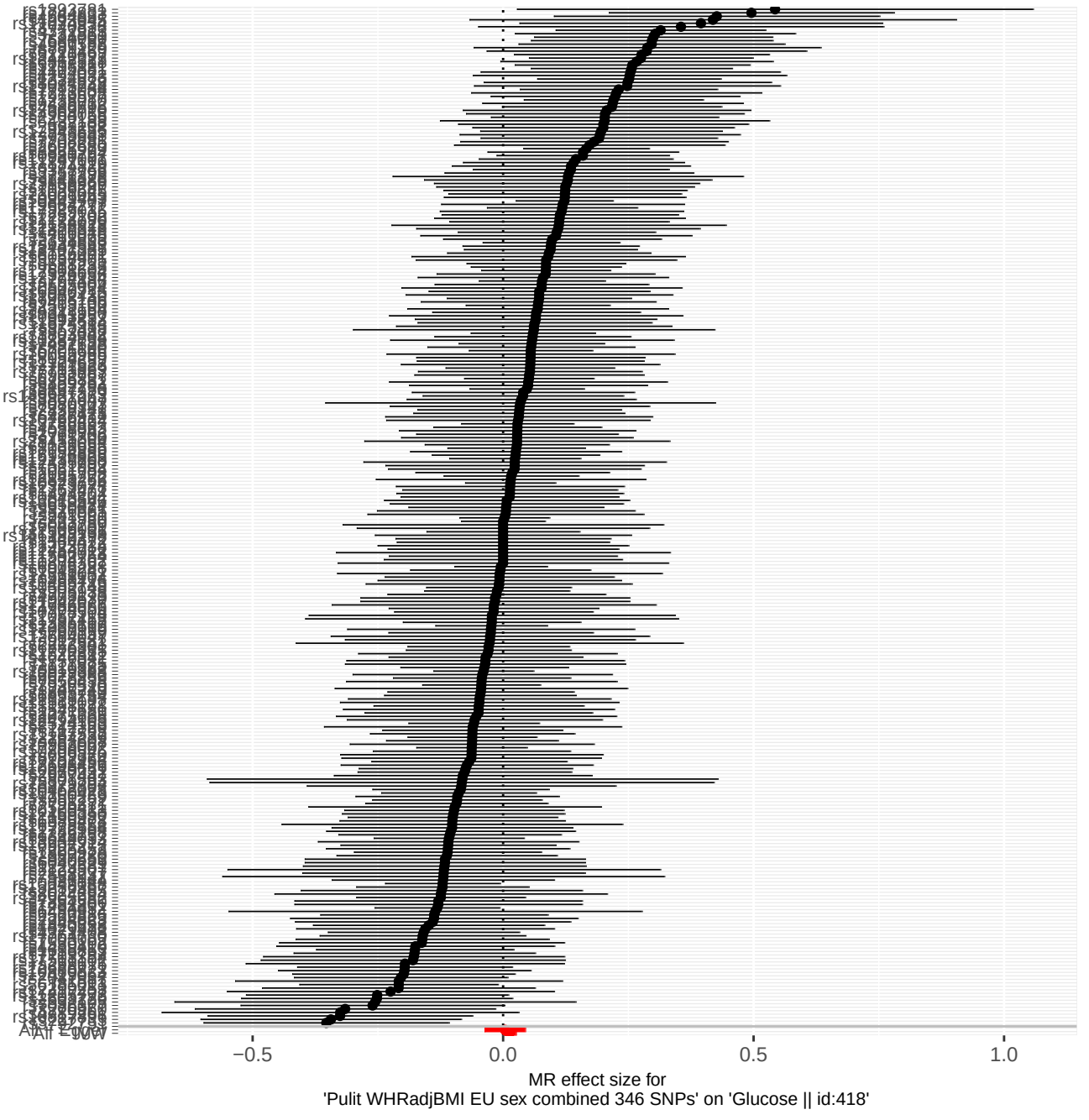

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−06267 || id:413'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−06307 || id:414'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−06350 || id:415'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−06351 || id:416'


−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Myo−inositol || id:417'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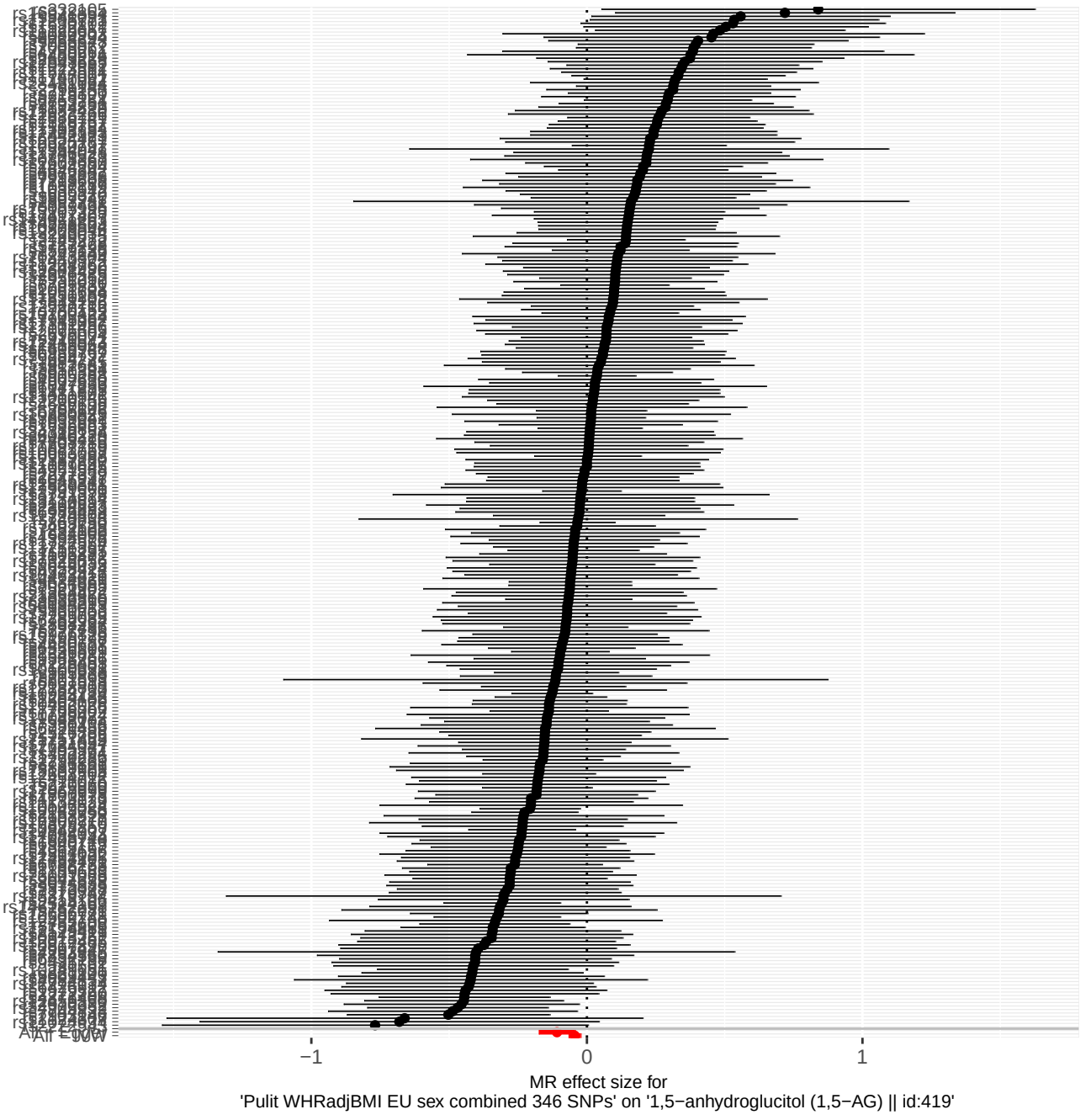
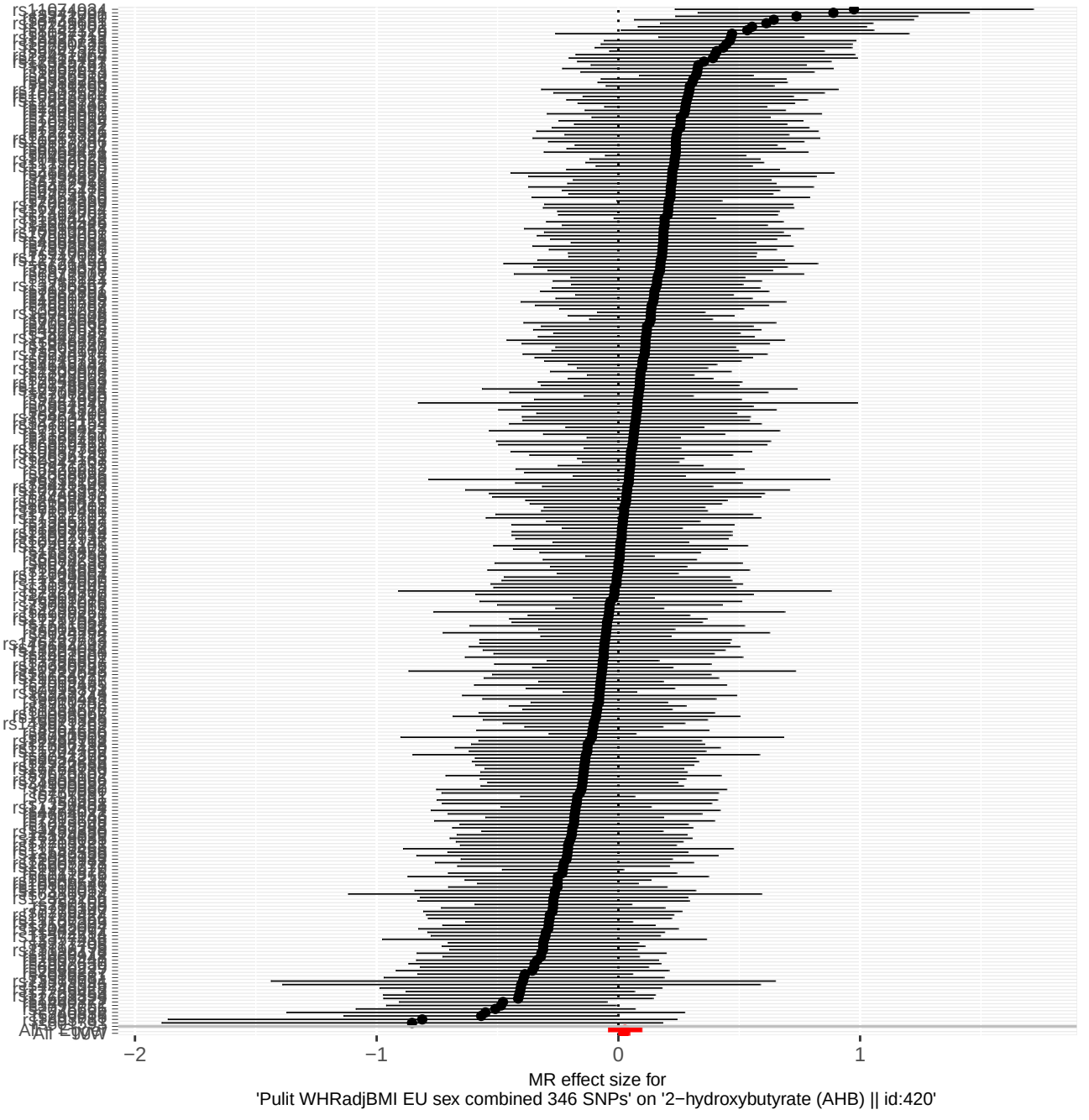
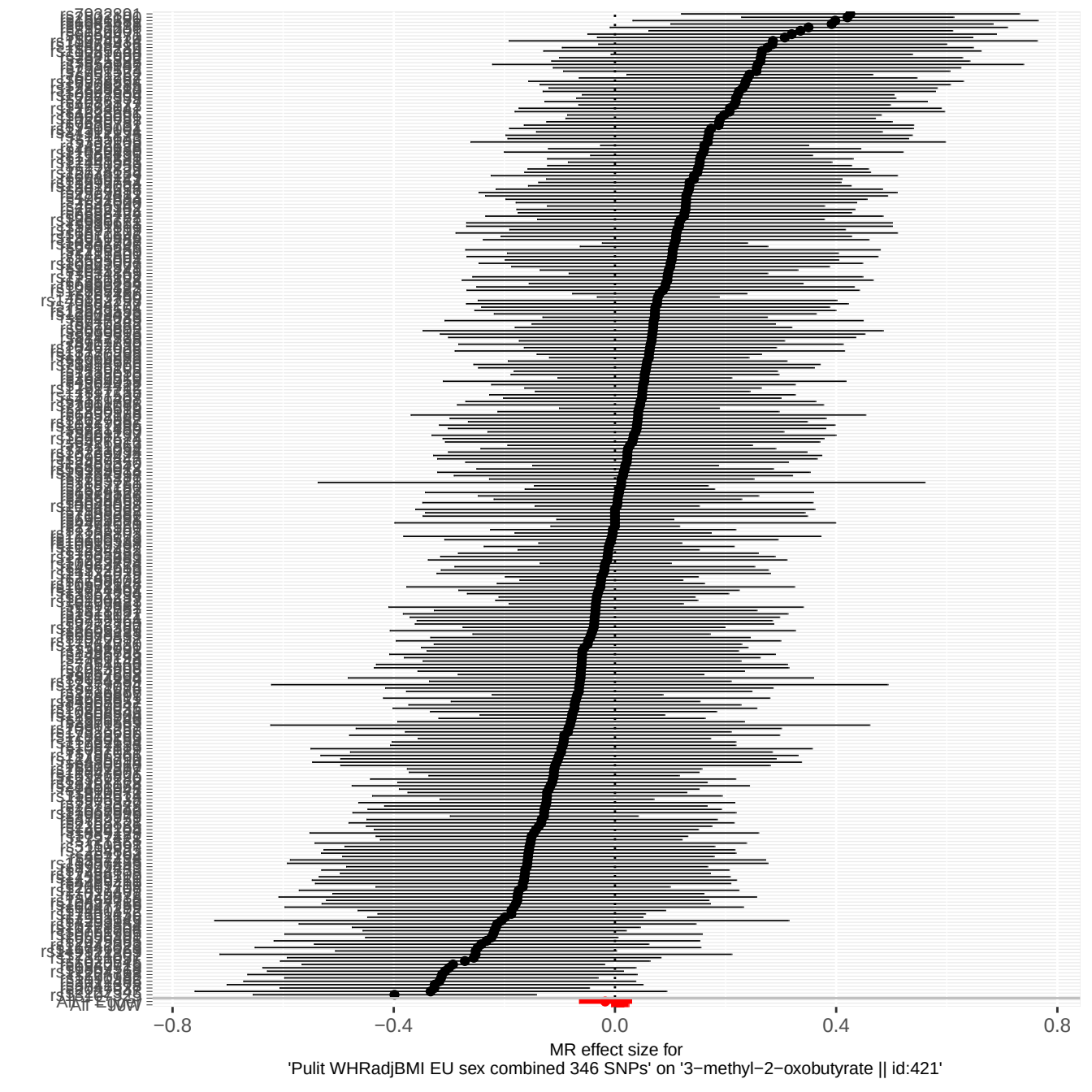
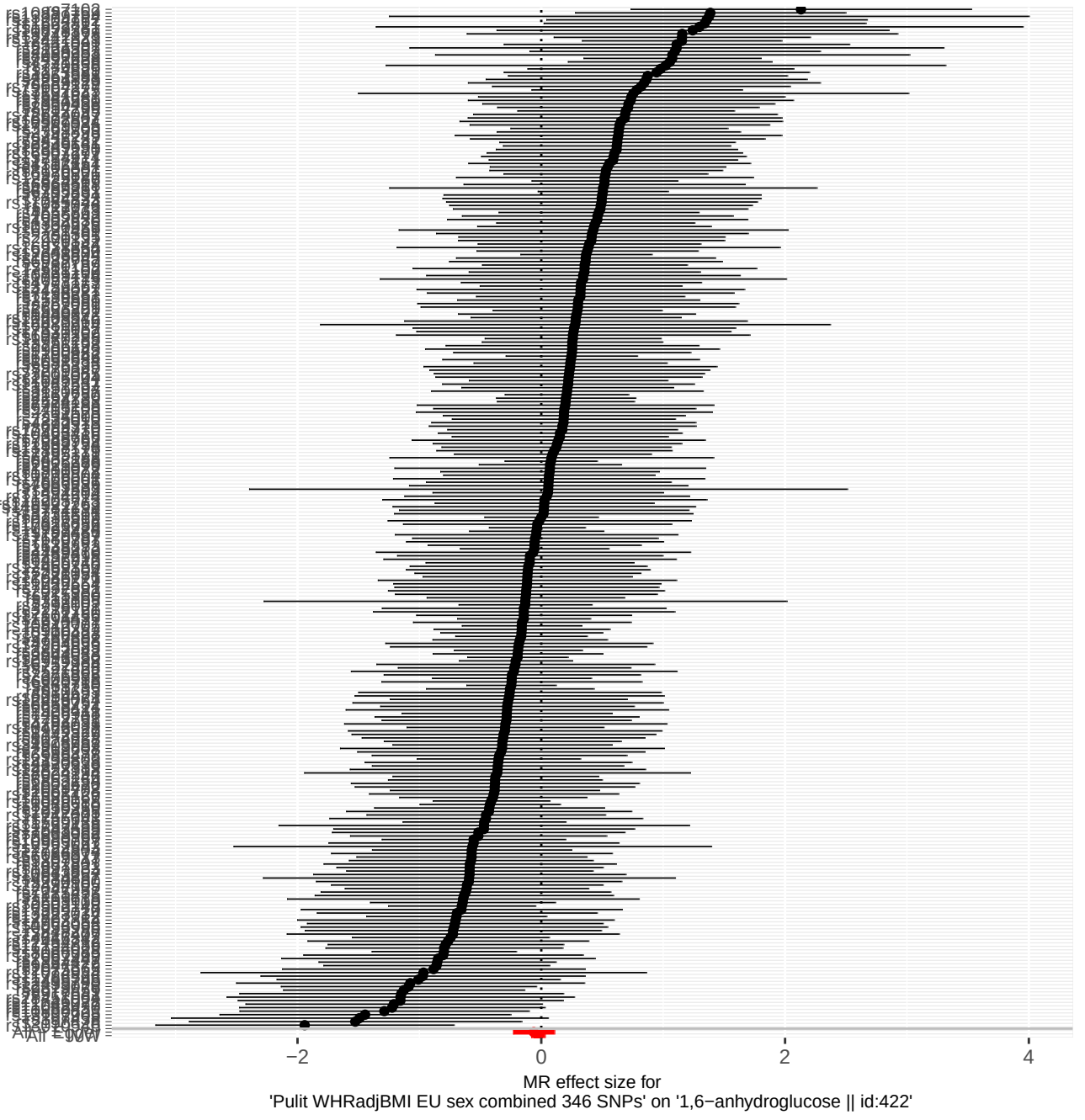
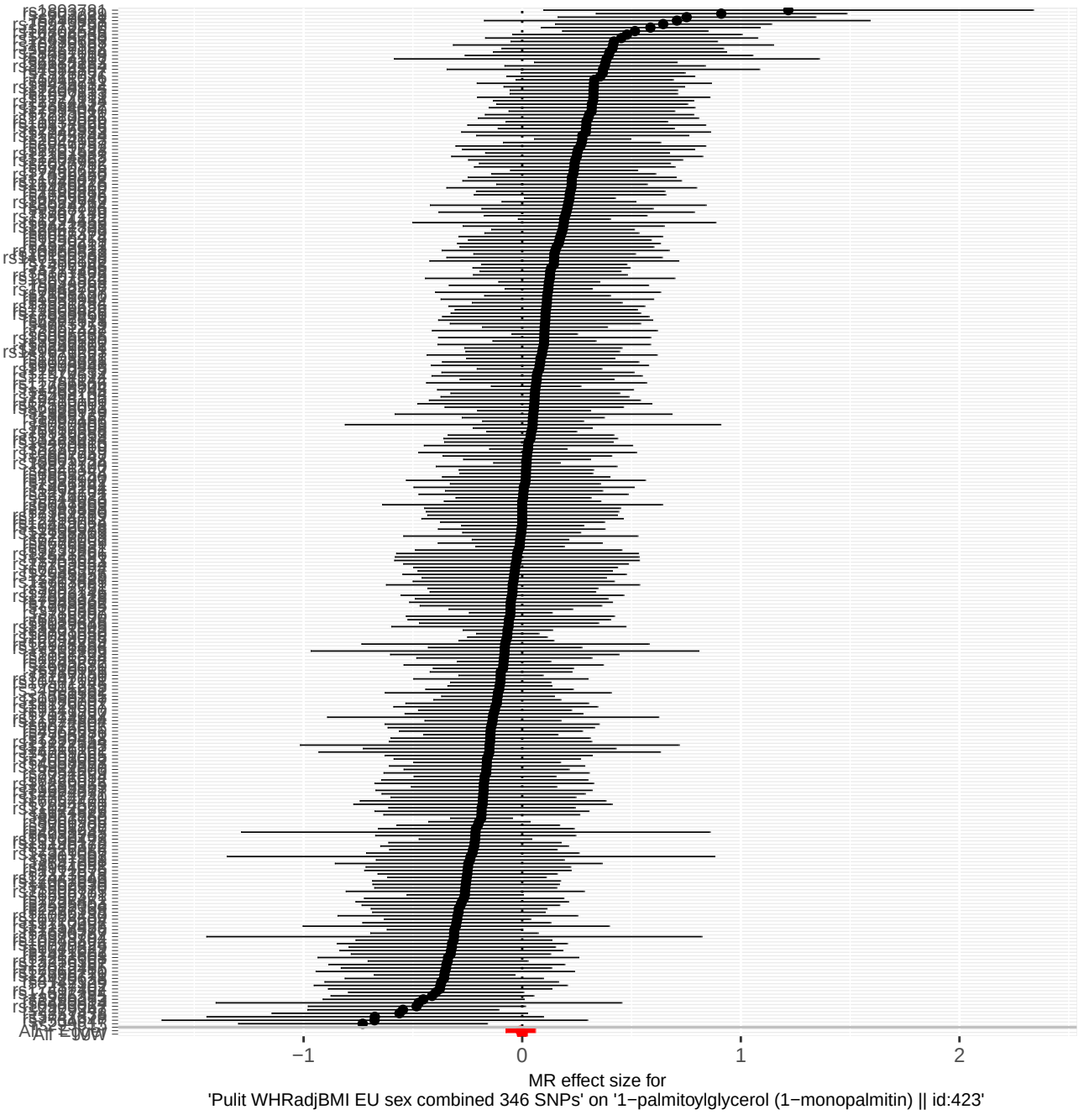
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glucose || id:418'

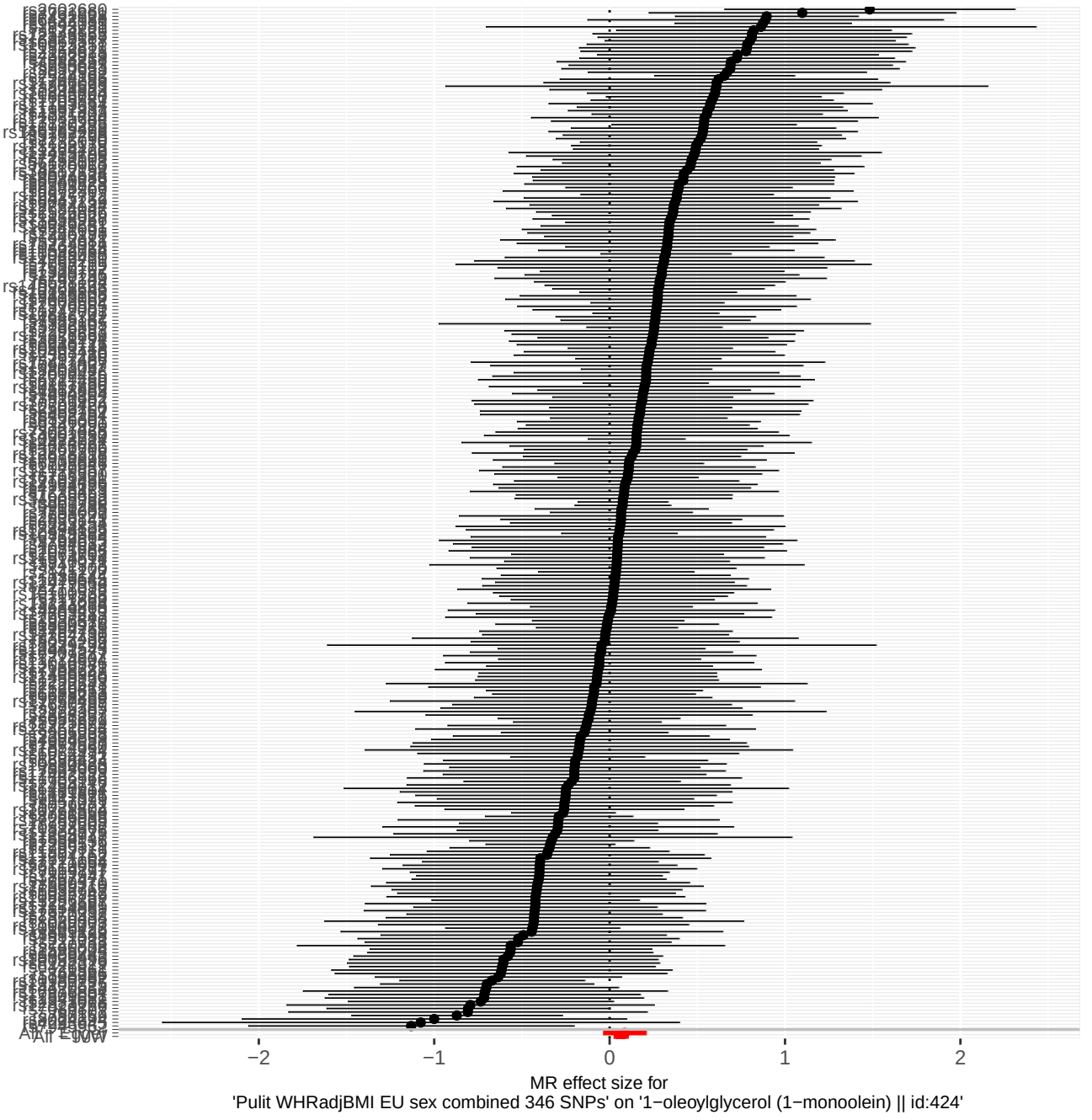

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1,5−anhydroglucitol (1,5−AG) || id:419'

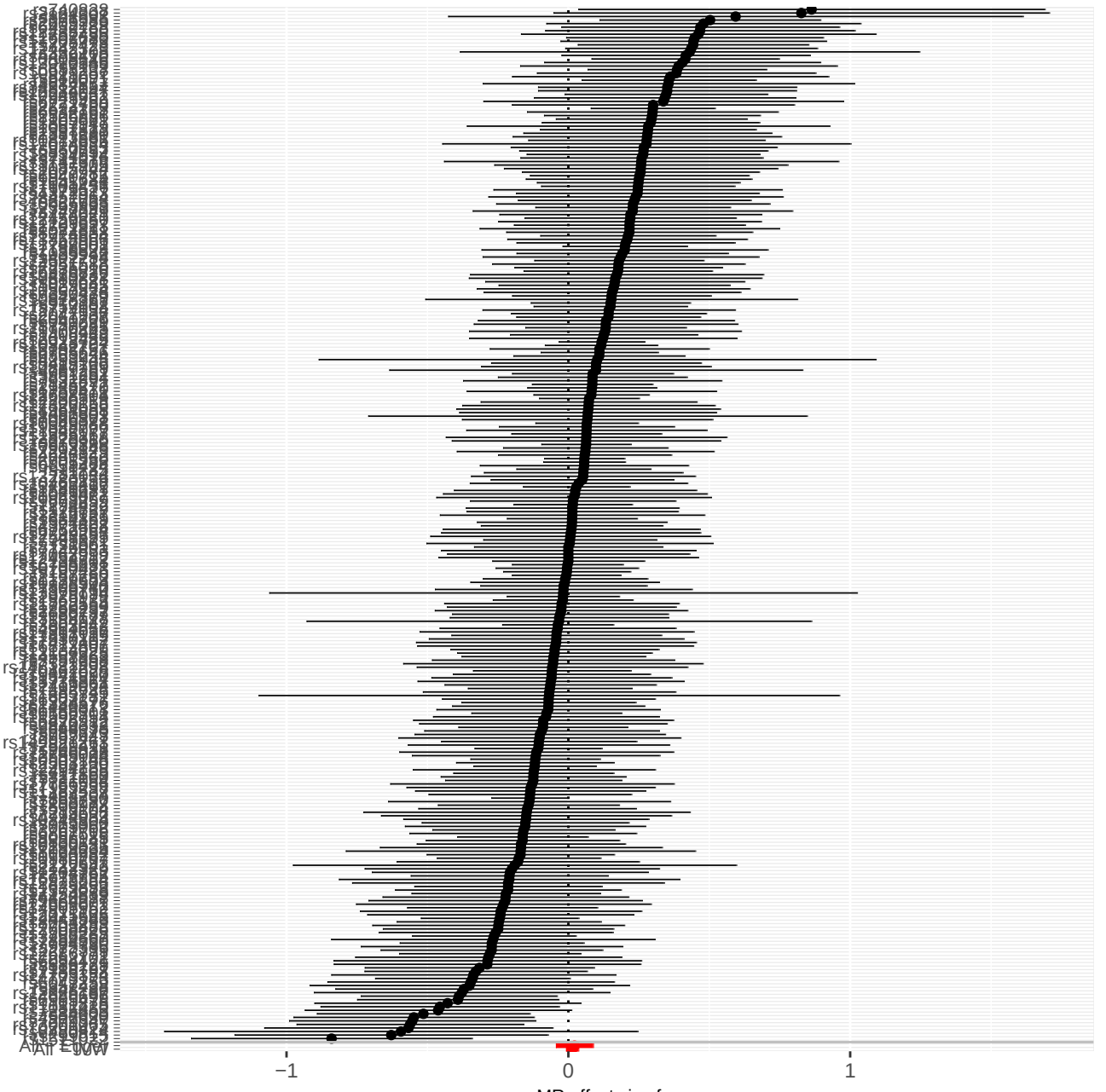

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−hydroxybutyrate (AHB) || id:420'

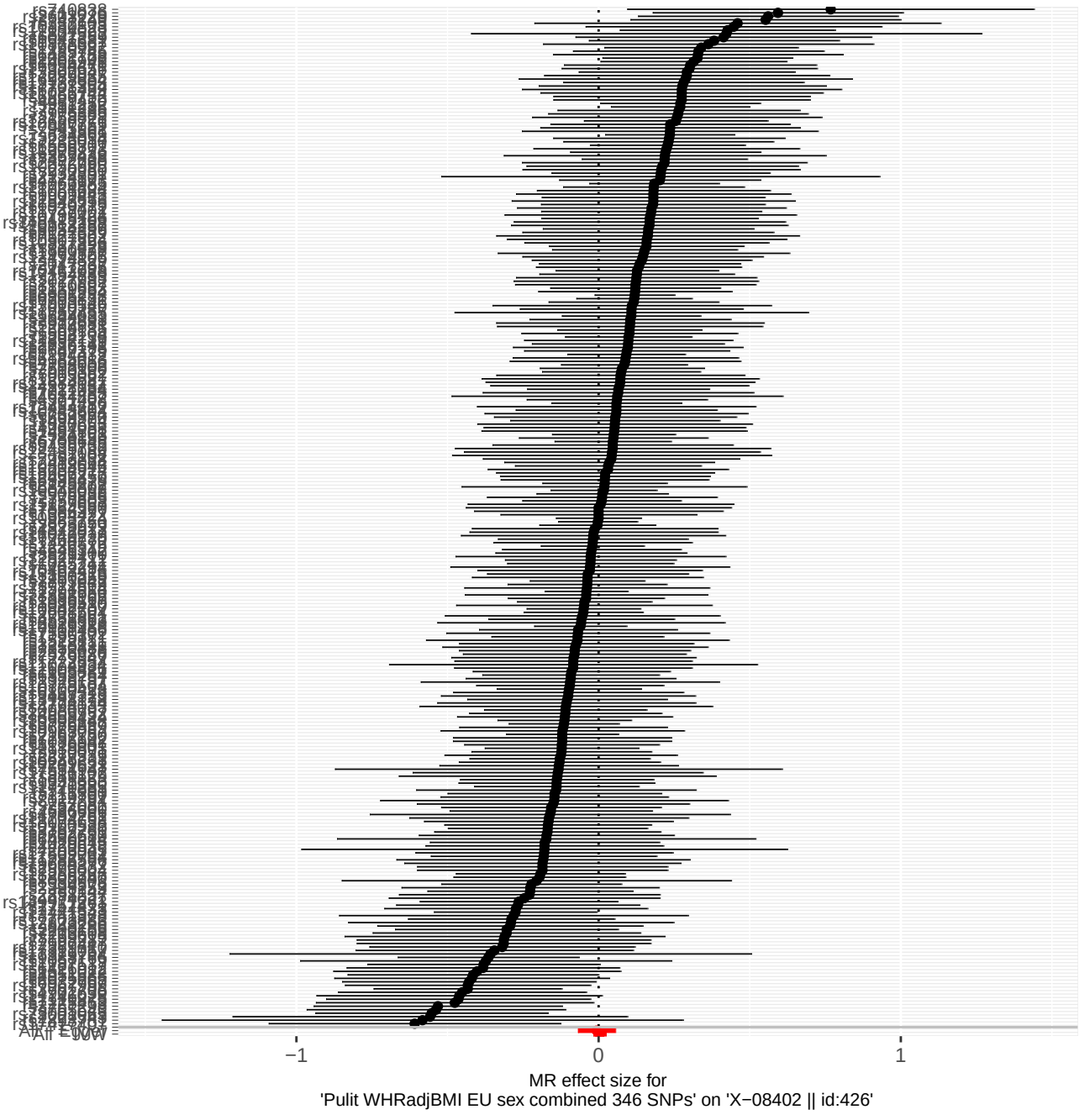

−0.8
−0.4
0.0
0.4
0.8
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−methyl−2−oxobutyrate || id:421'

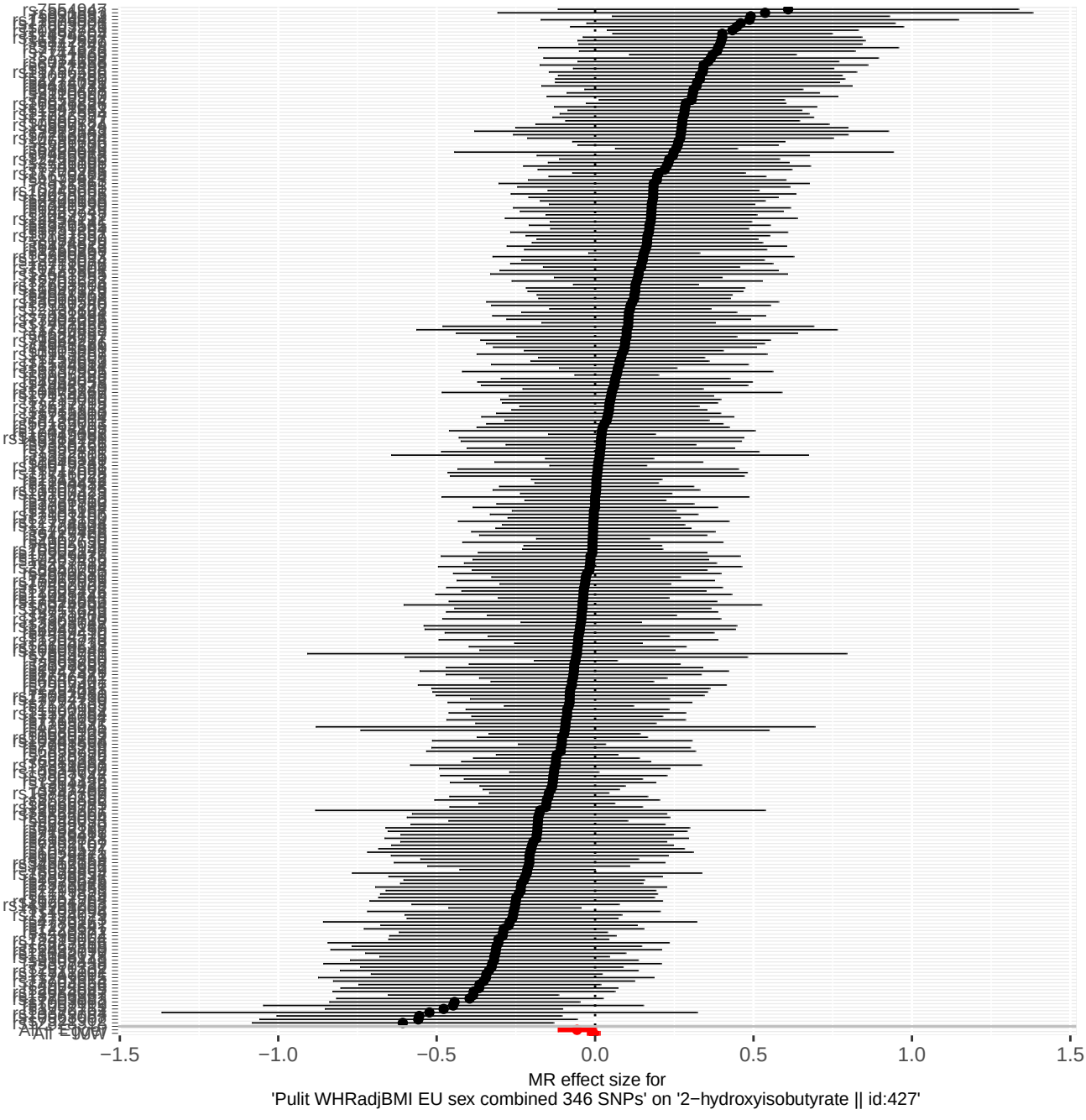

−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1,6−anhydroglucose || id:422'

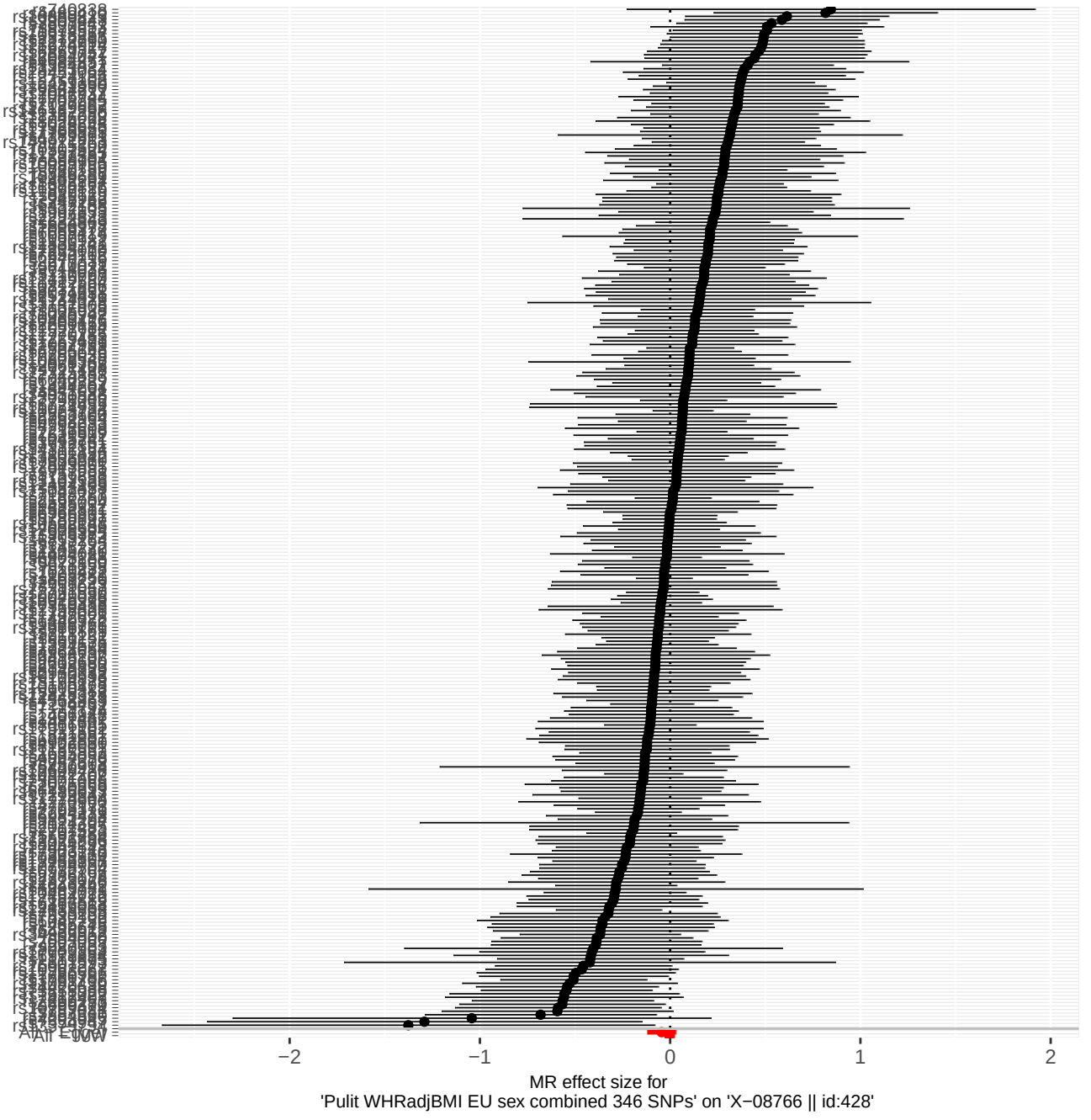

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−palmitoylglycerol (1−monopalmitin) || id:423'

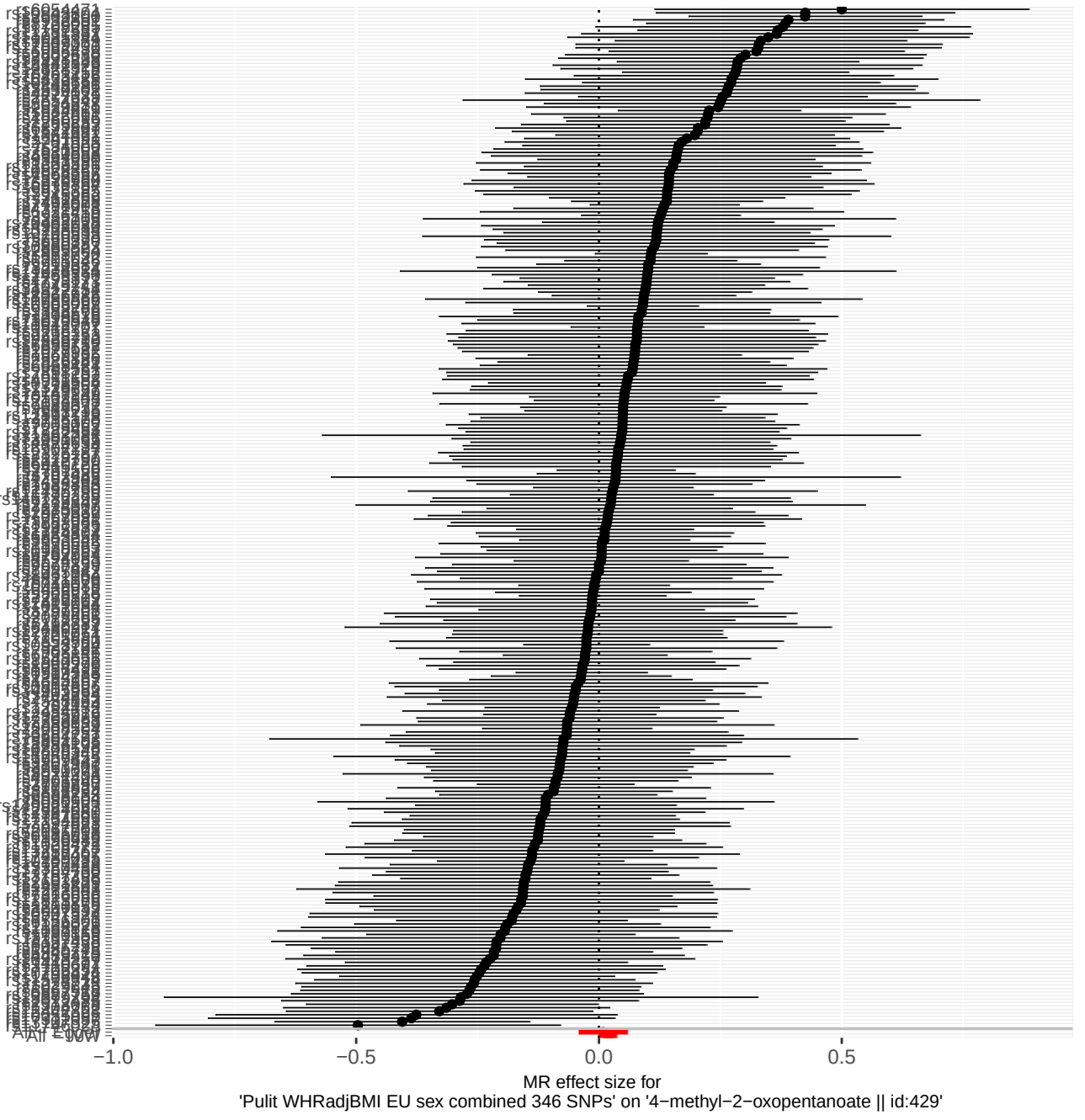

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−oleoylglycerol (1−monoolein) || id:424'

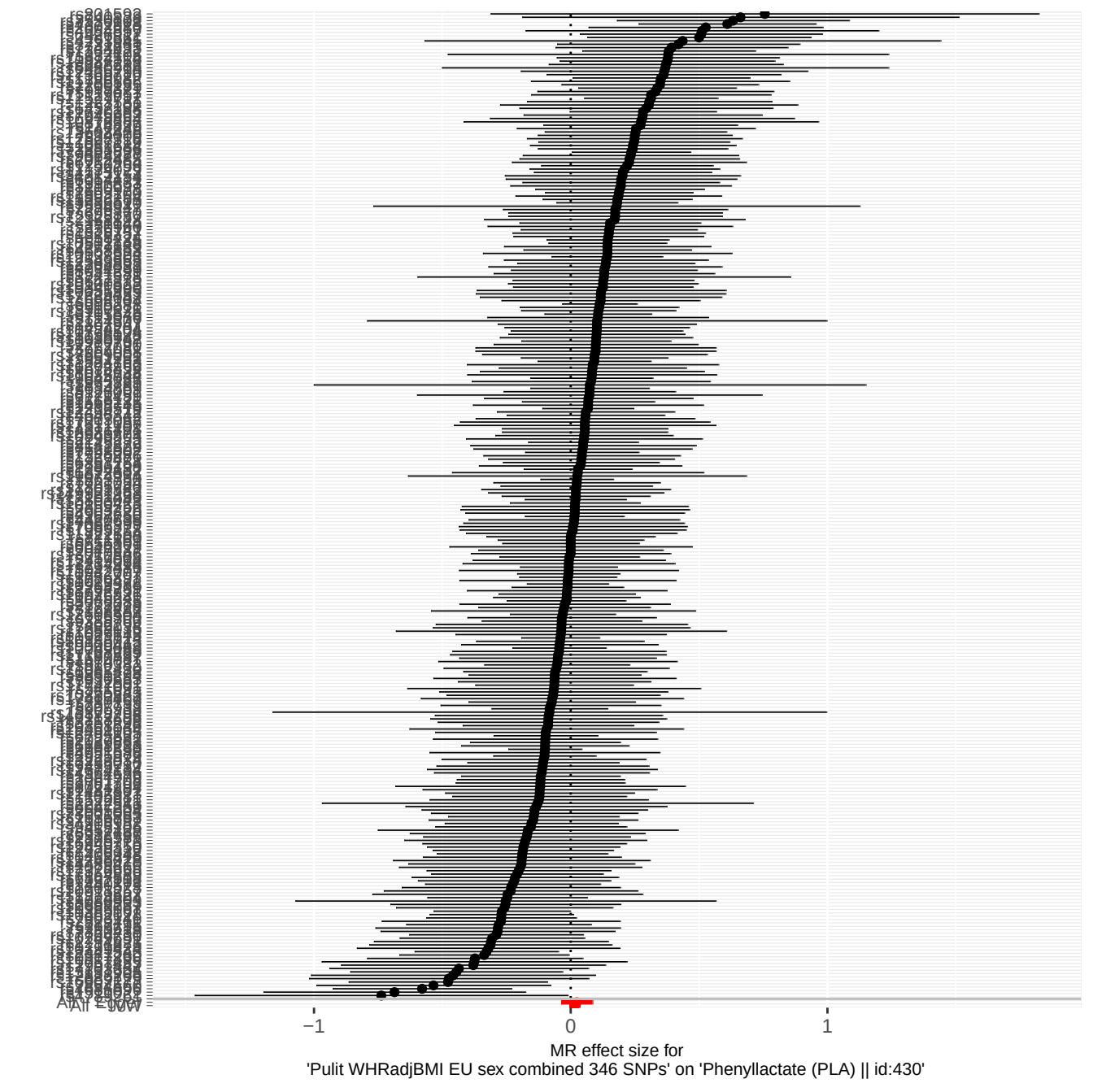

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−stearoylglycerol (1−monostearin) || id:425'

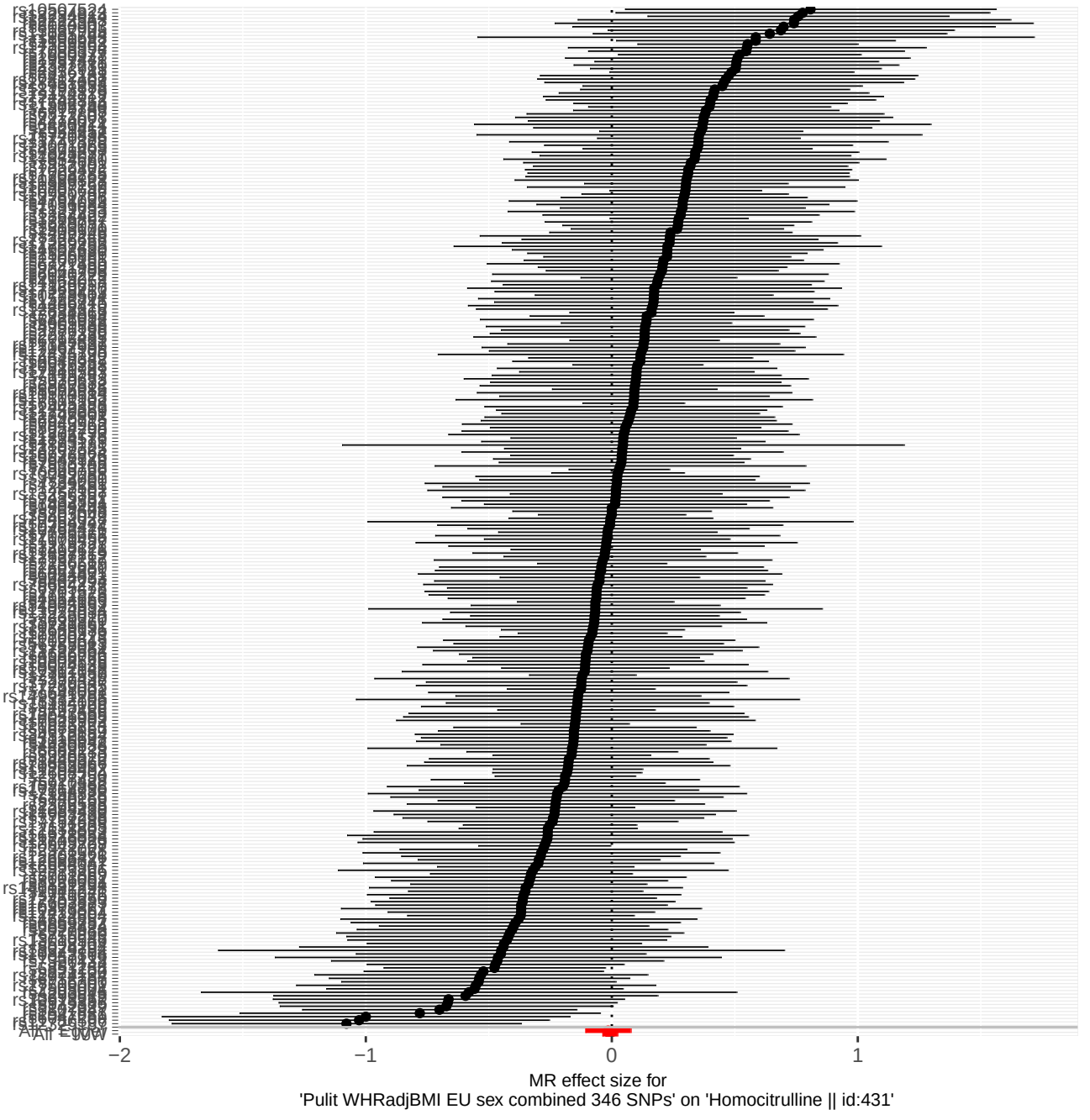

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−08402 || id:426'

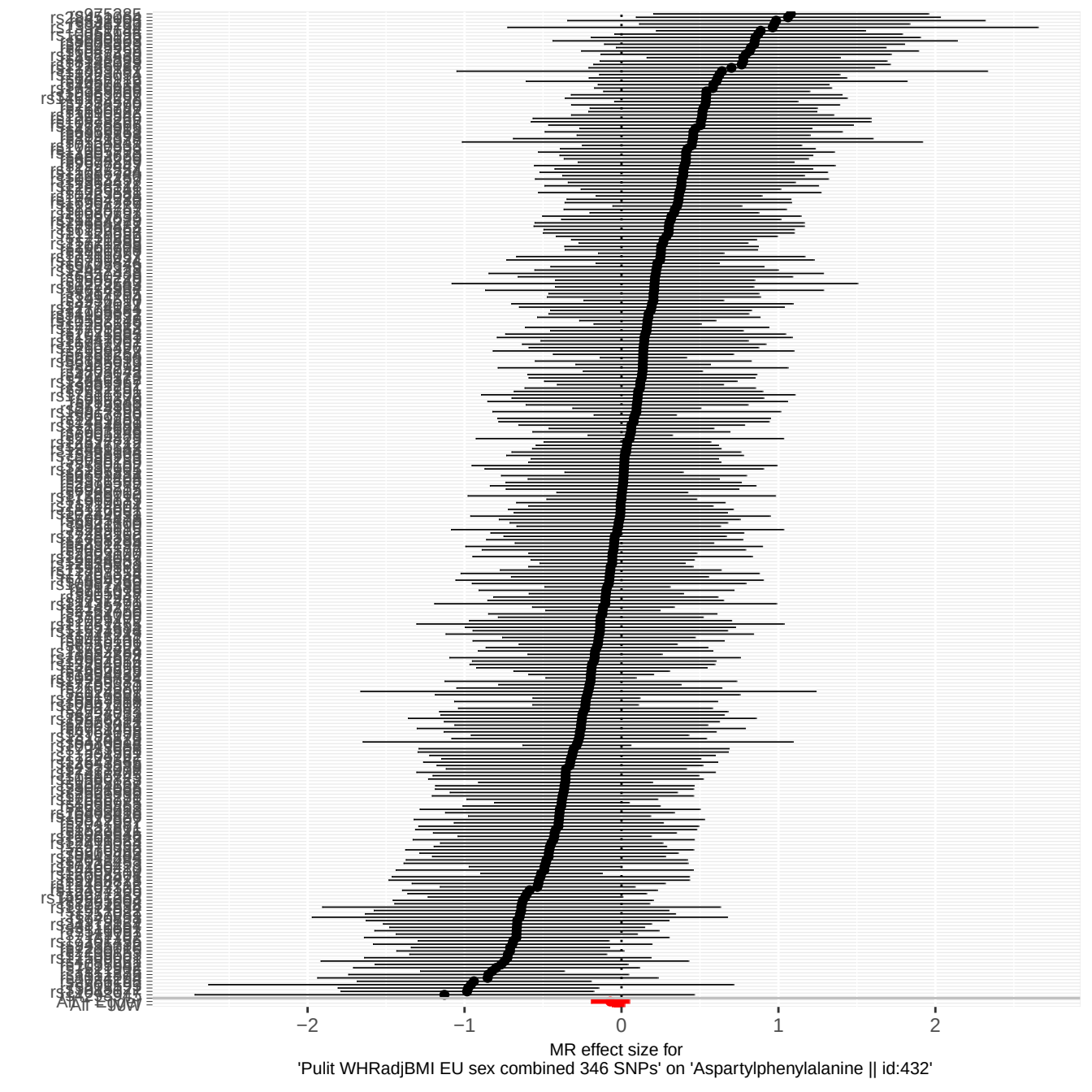

−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−hydroxyisobutyrate || id:427'

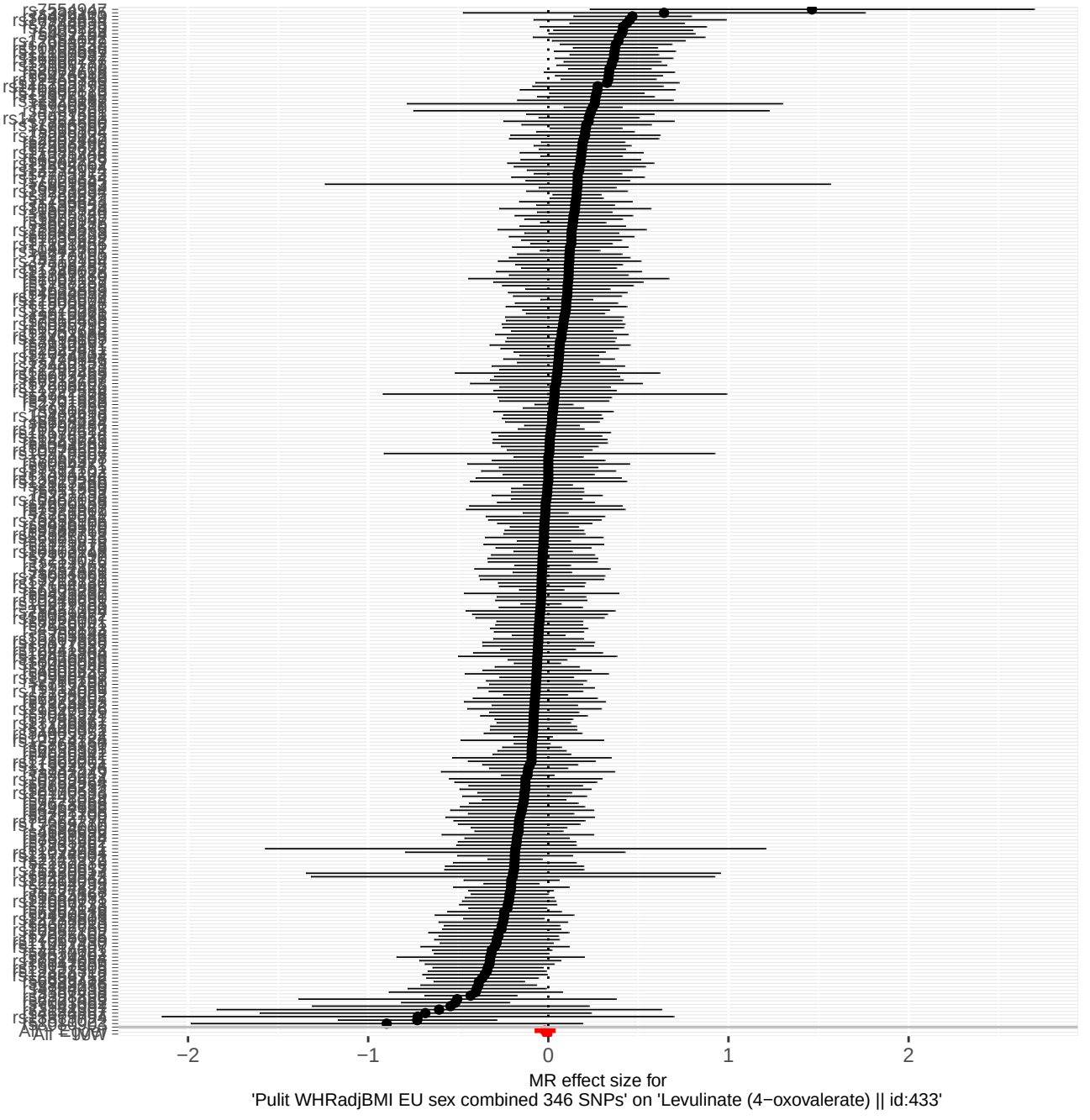

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−08766 || id:428'

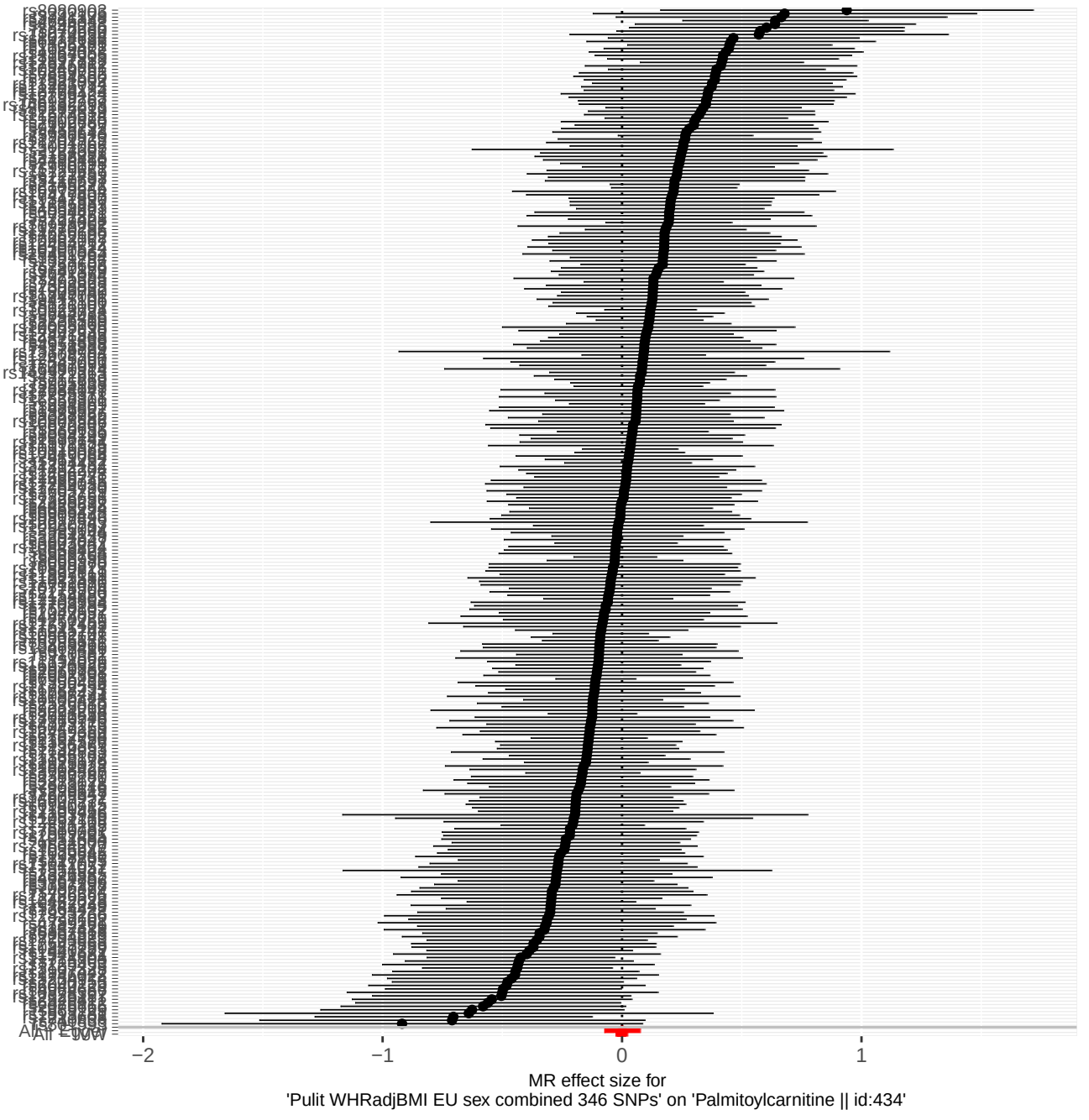

−1.0
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '4−methyl−2−oxopentanoate || id:429'

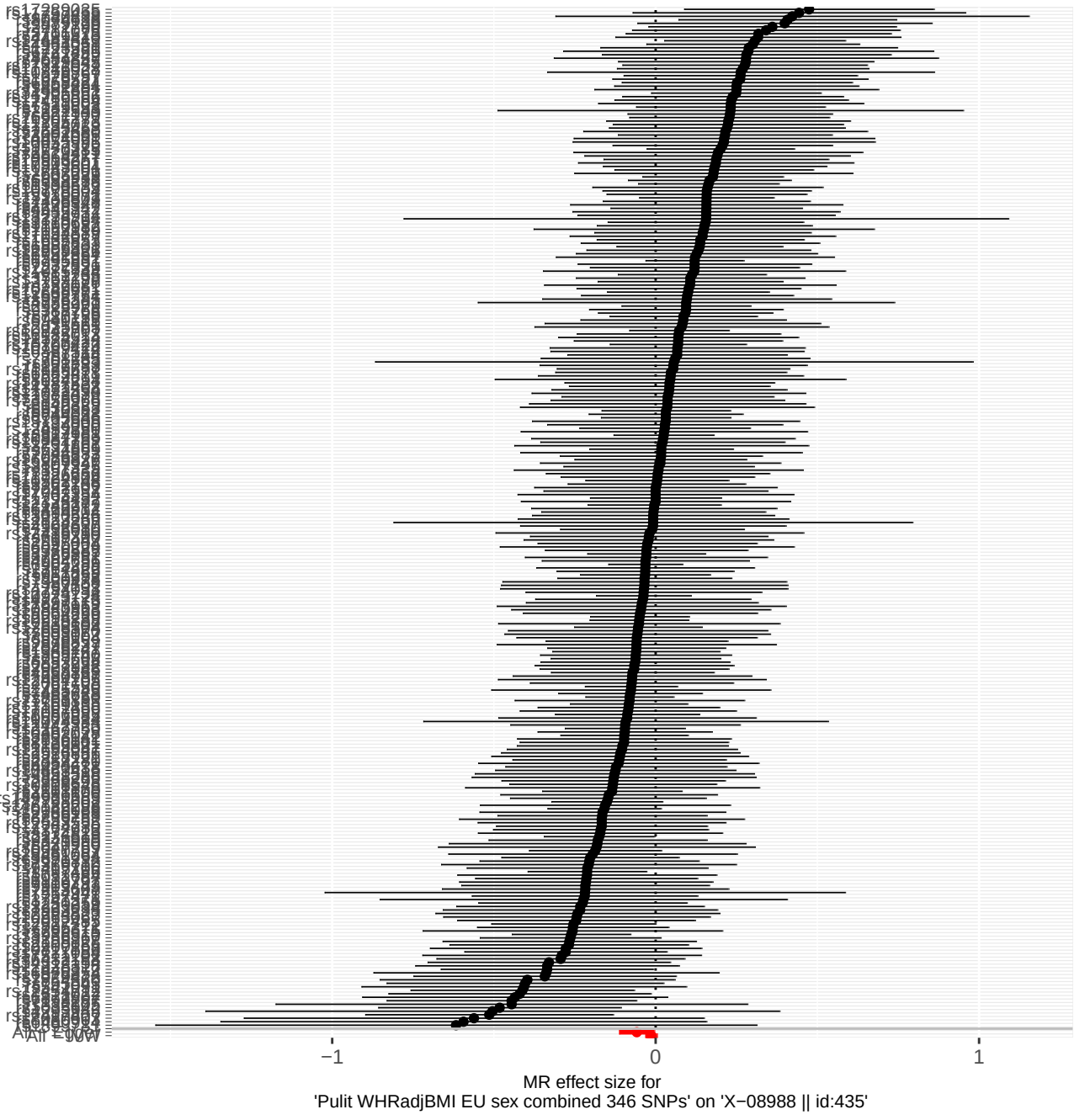

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Phenyllactate (PLA) || id:430'

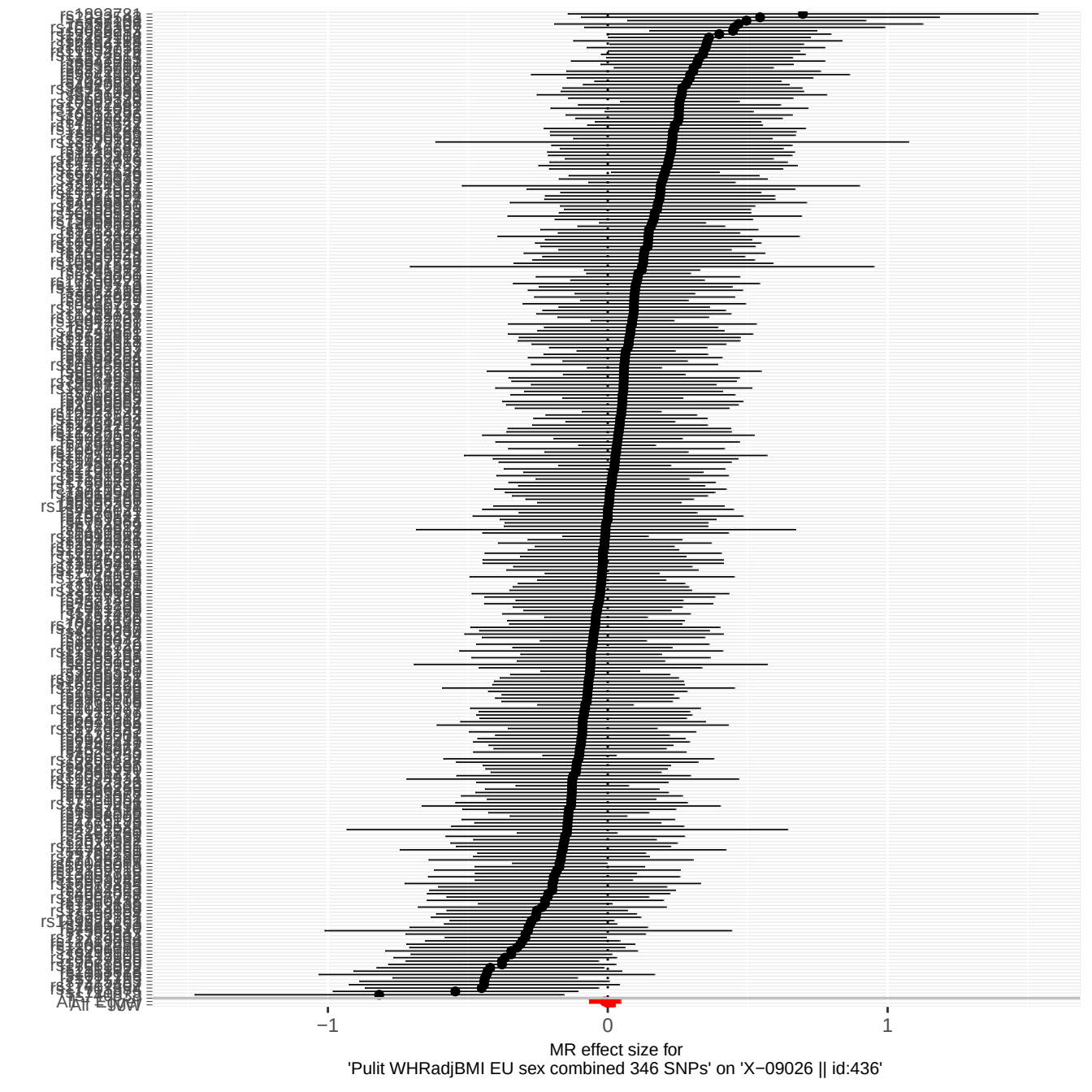

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Homocitrulline || id:431'

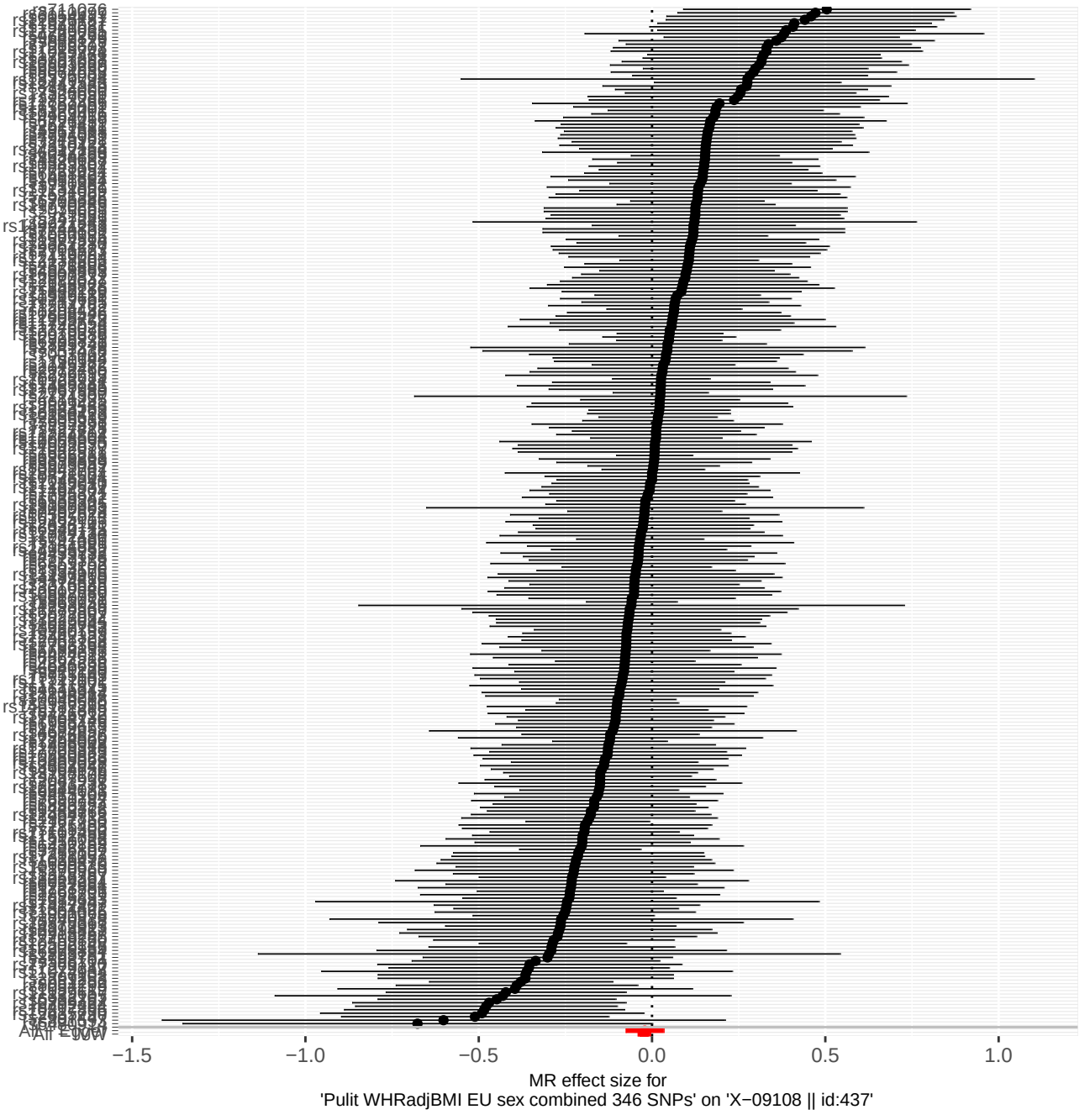

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Aspartylphenylalanine || id:432'

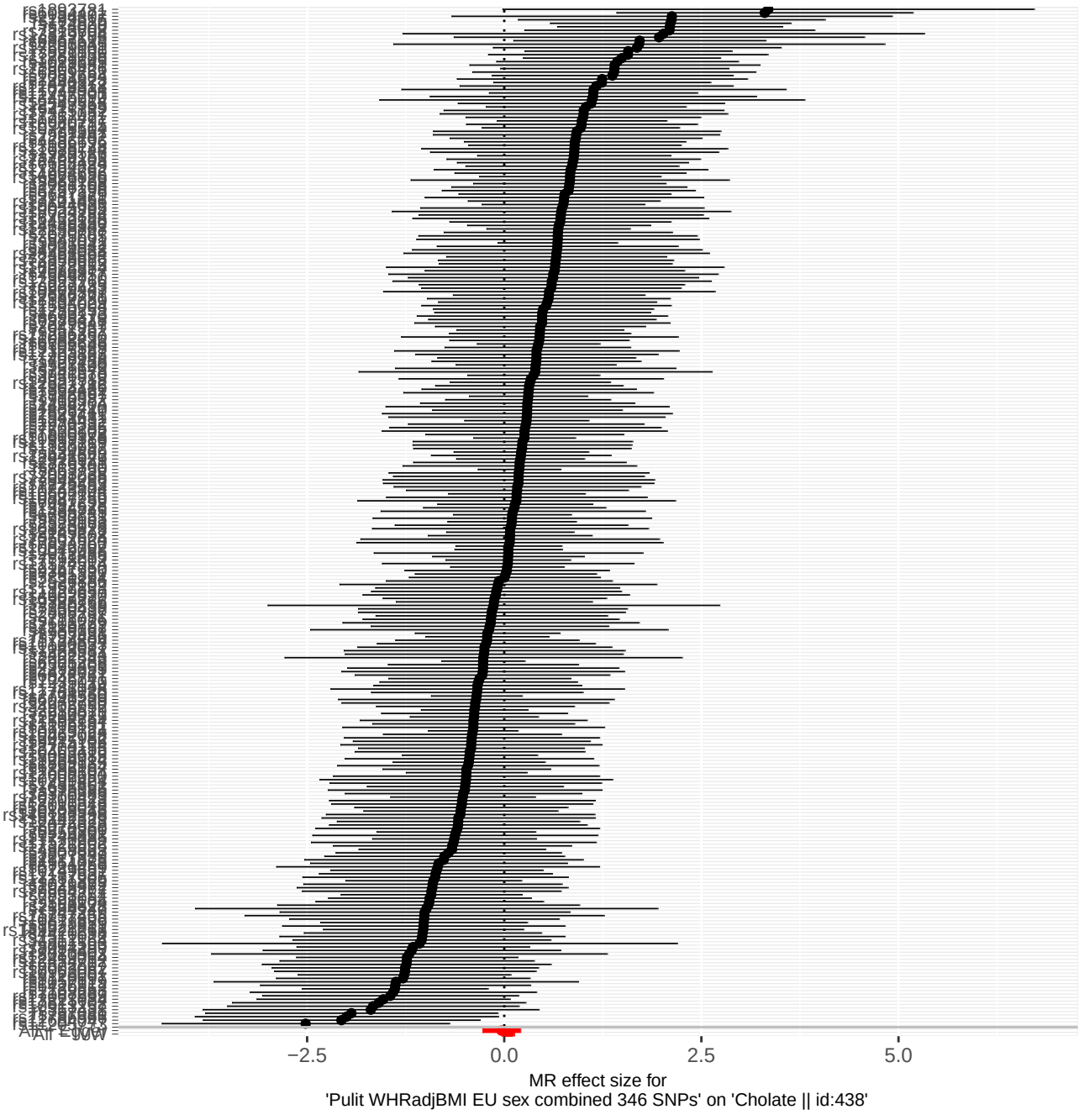

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Levulinate (4−oxovalerate) || id:433'

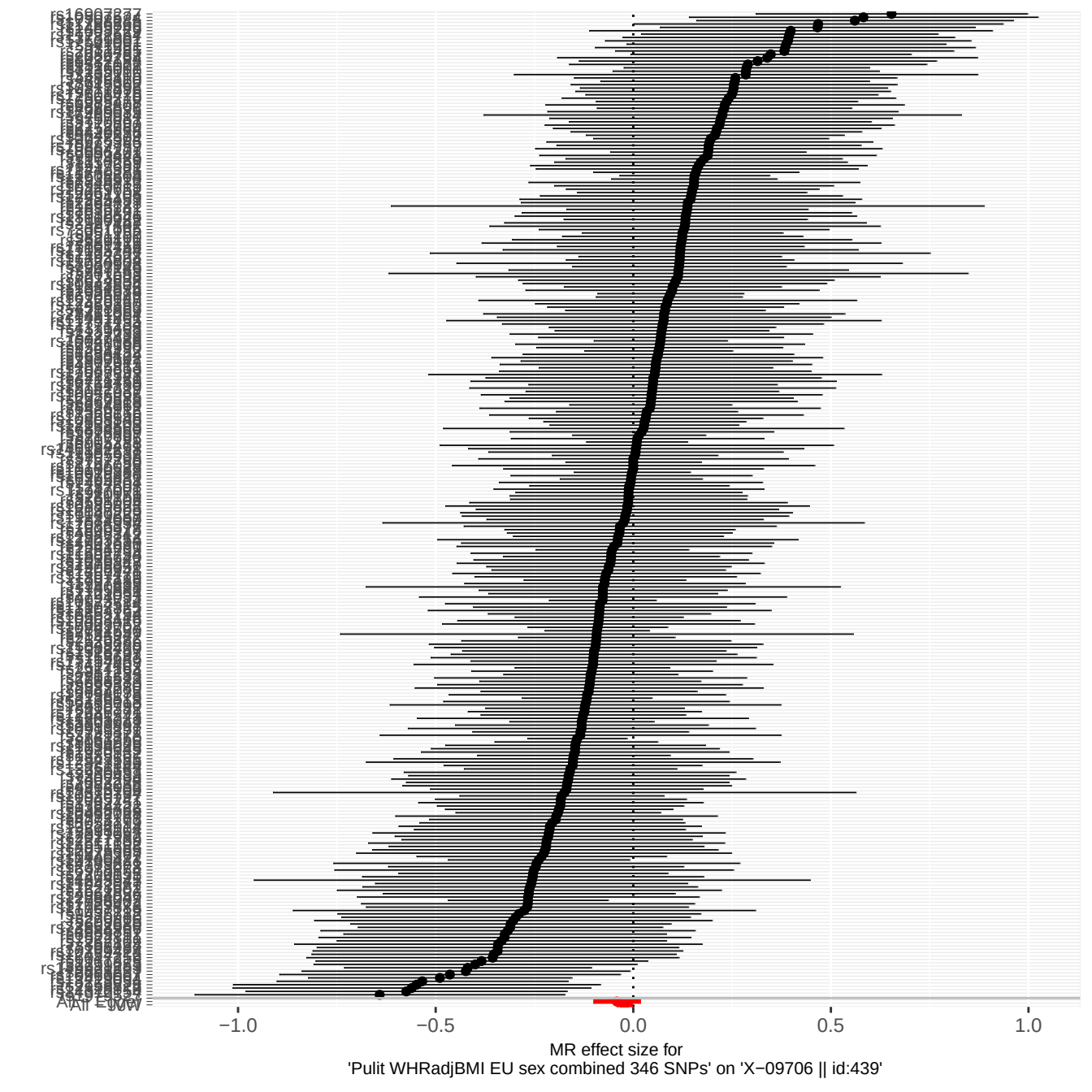

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Palmitoylcarnitine || id:434'

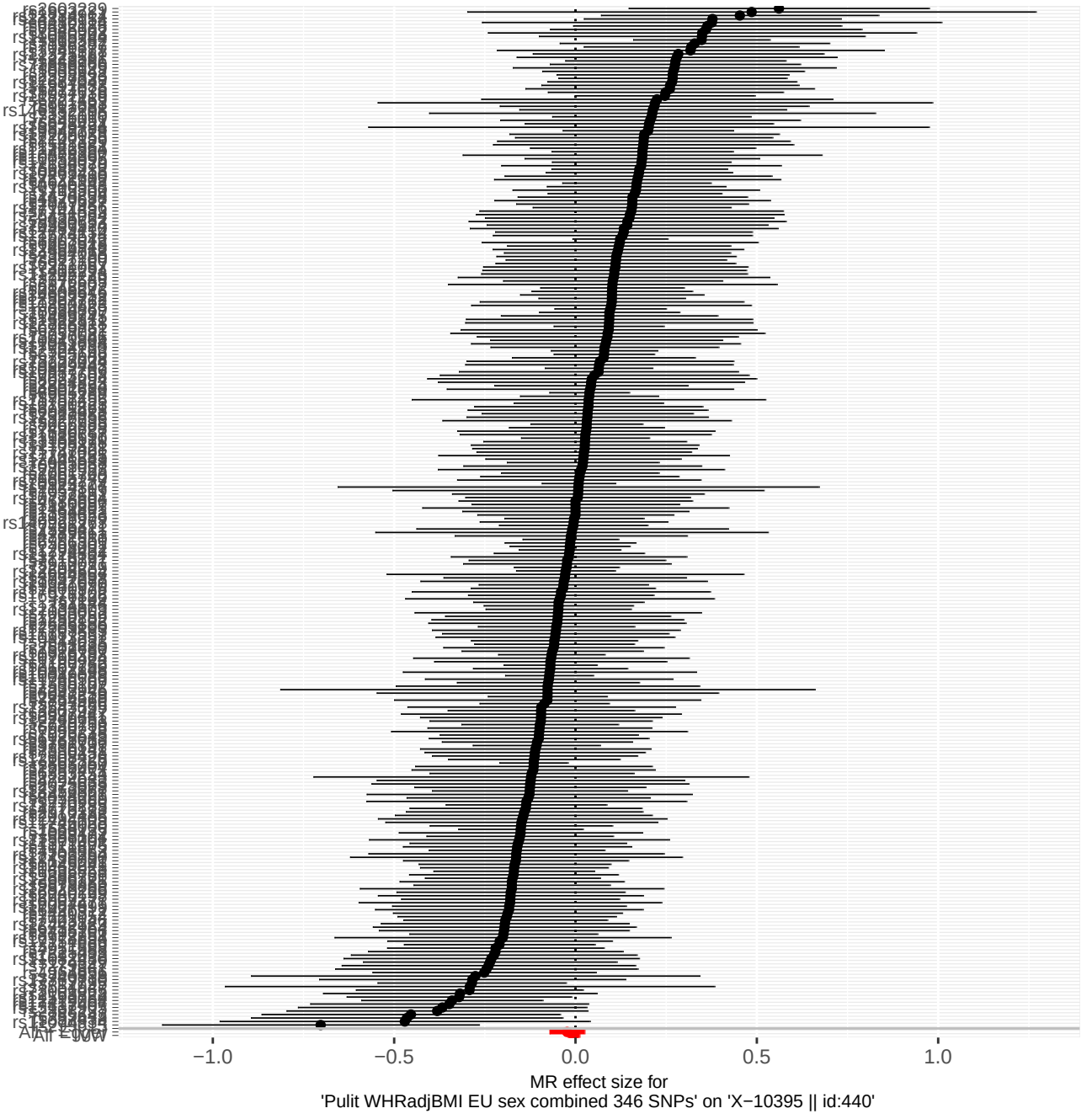

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−08988 || id:435'

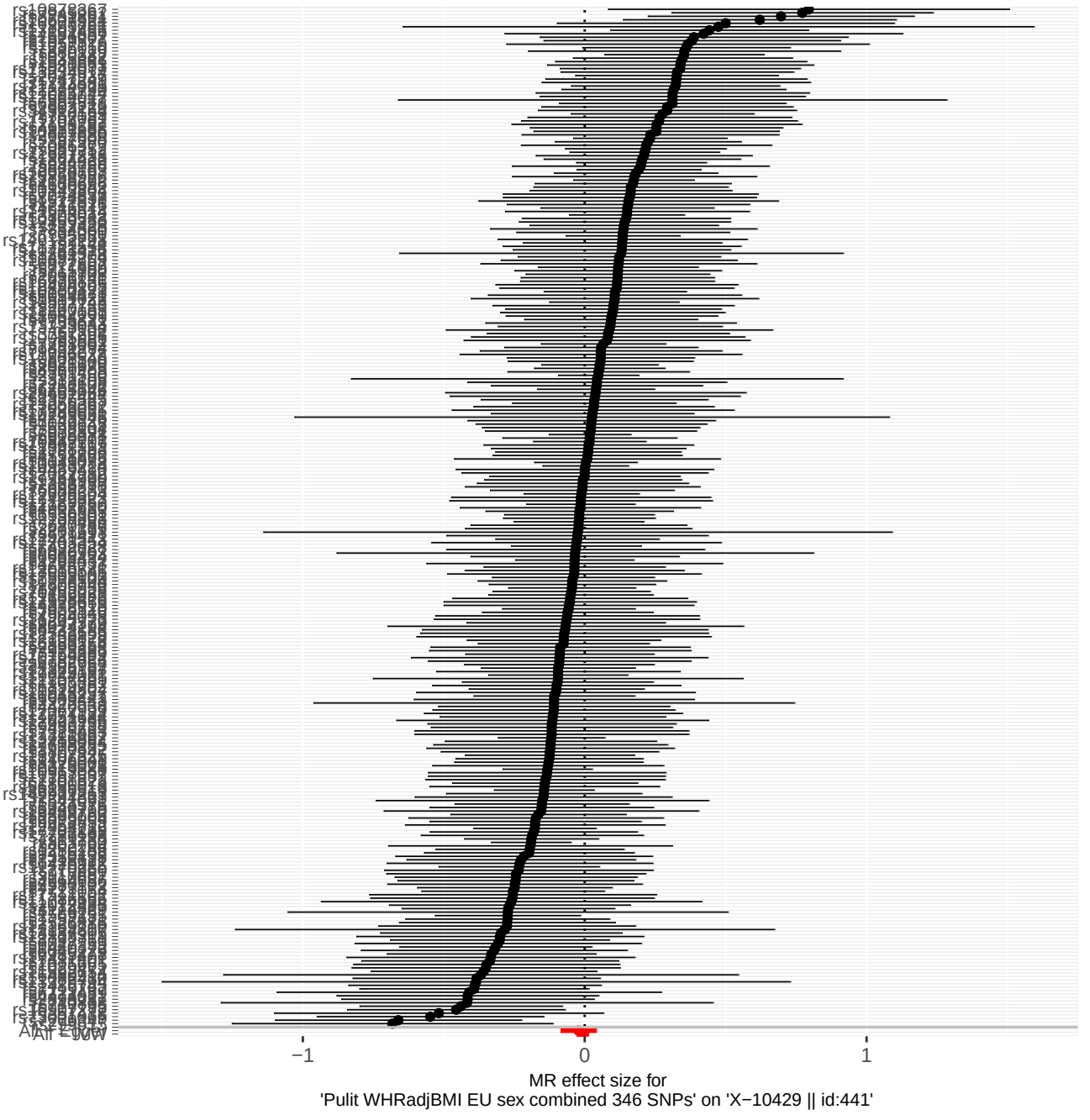

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−09026 || id:436'

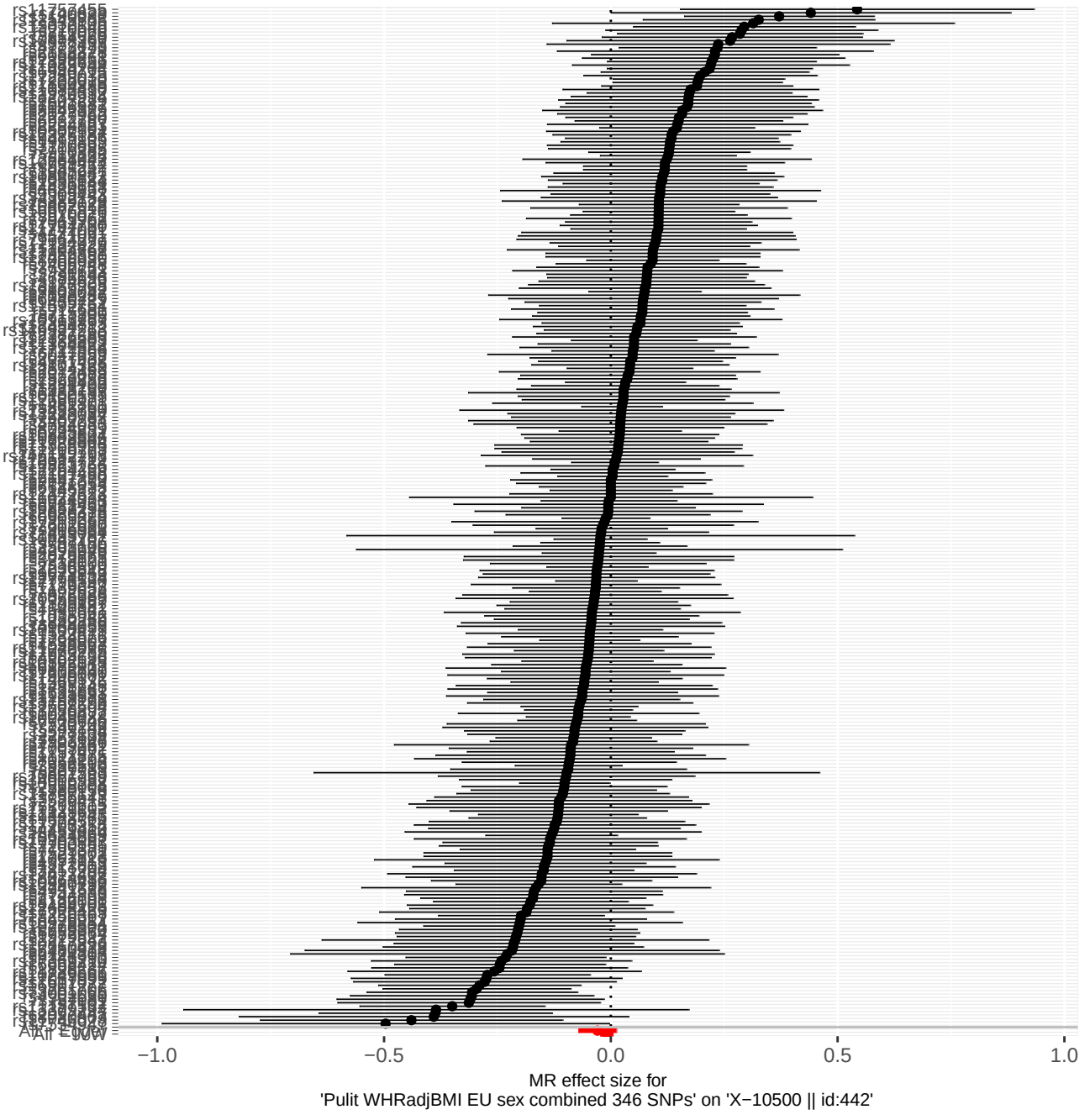

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−09108 || id:437'

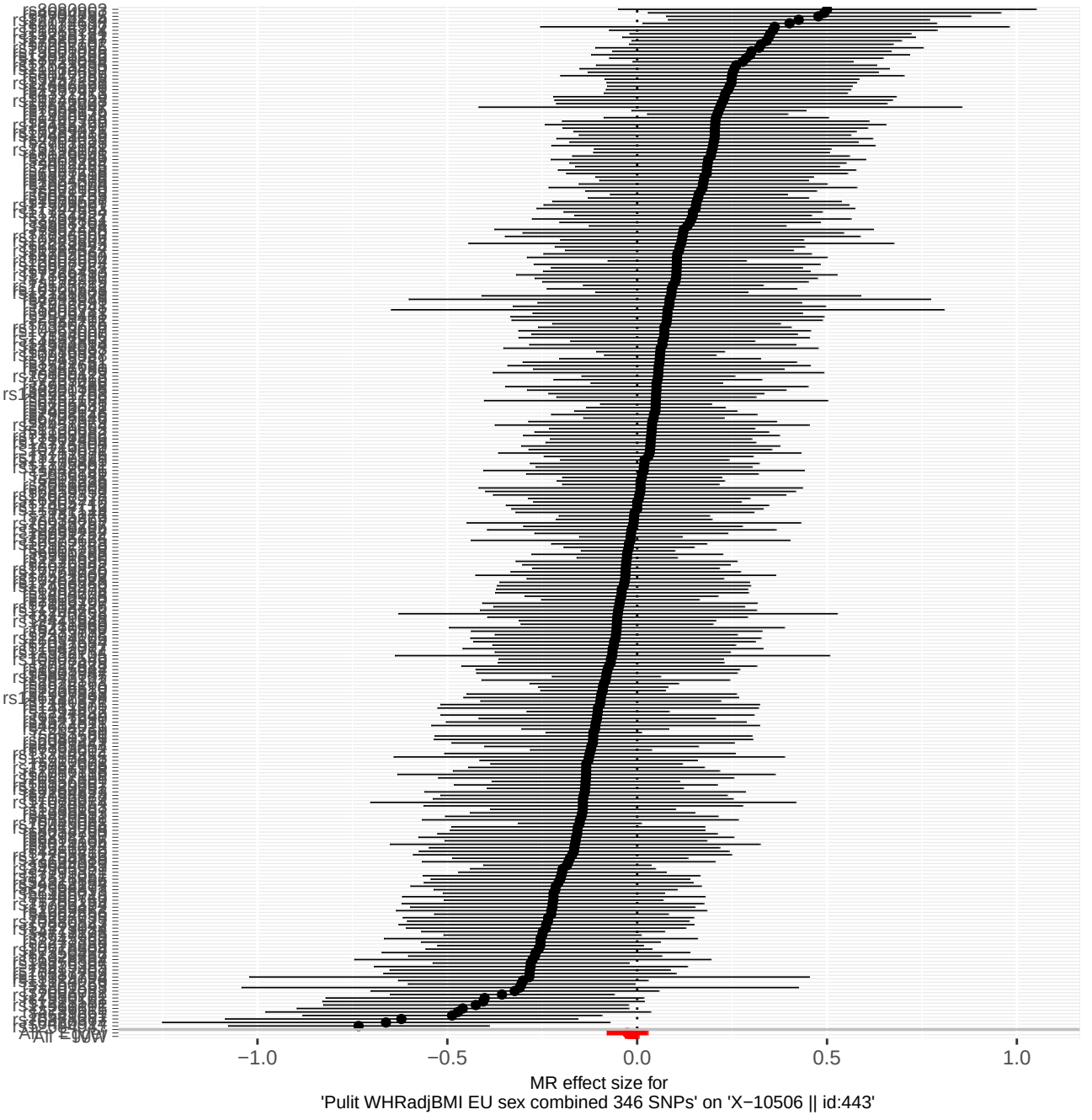

−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Cholate || id:438'

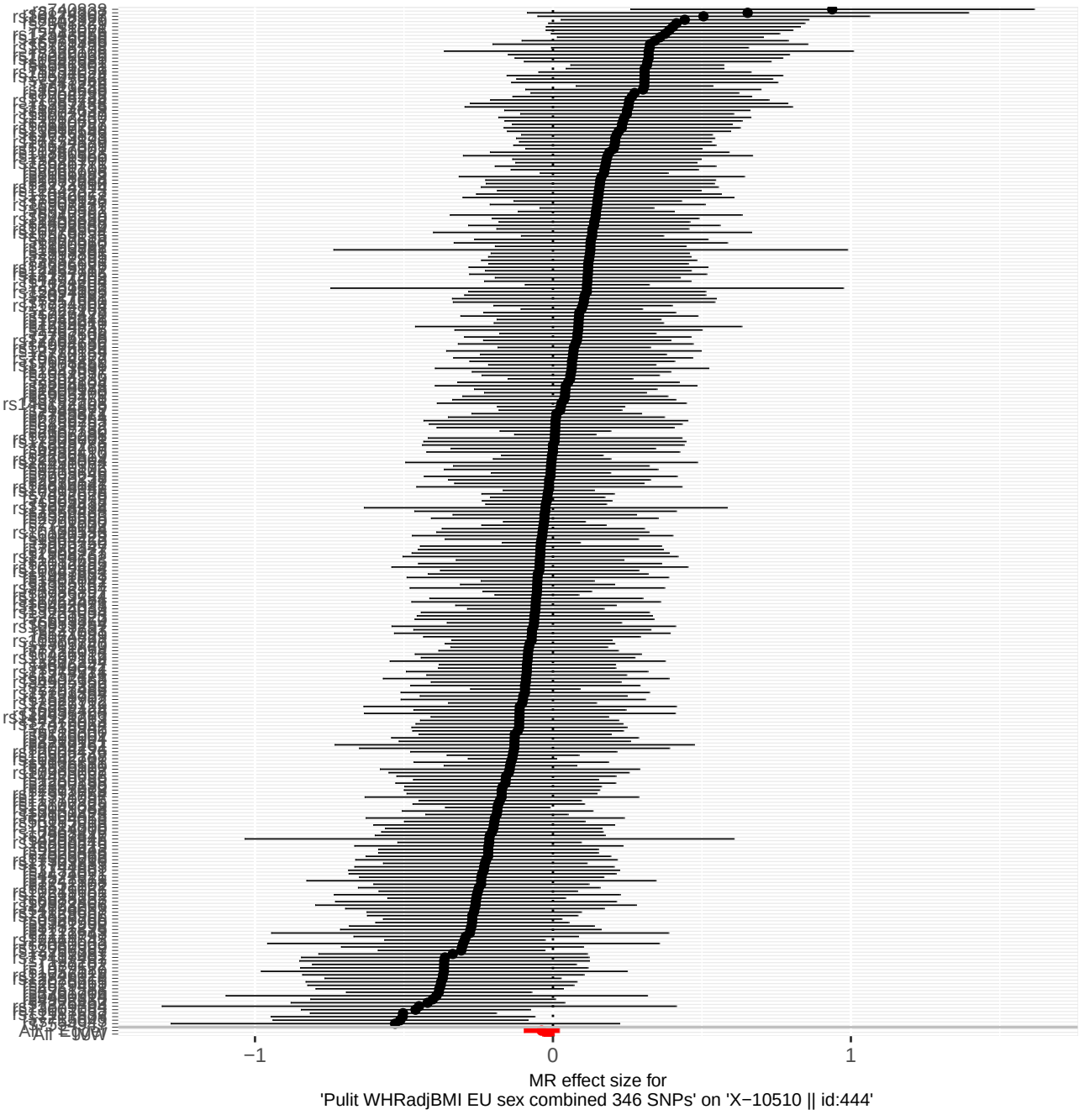

All - IVW
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−09706 || id:439'

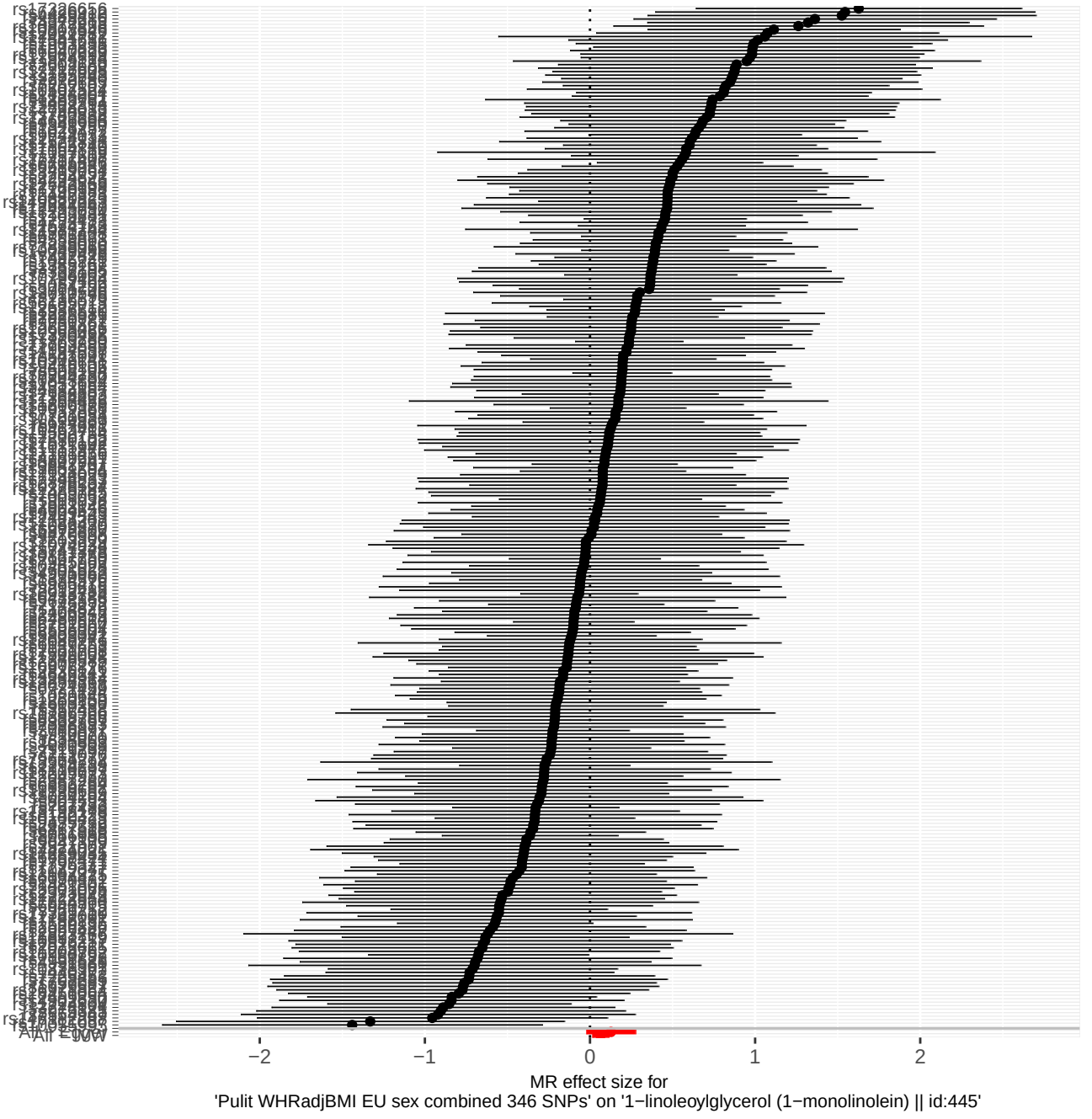

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−10395 || id:440'

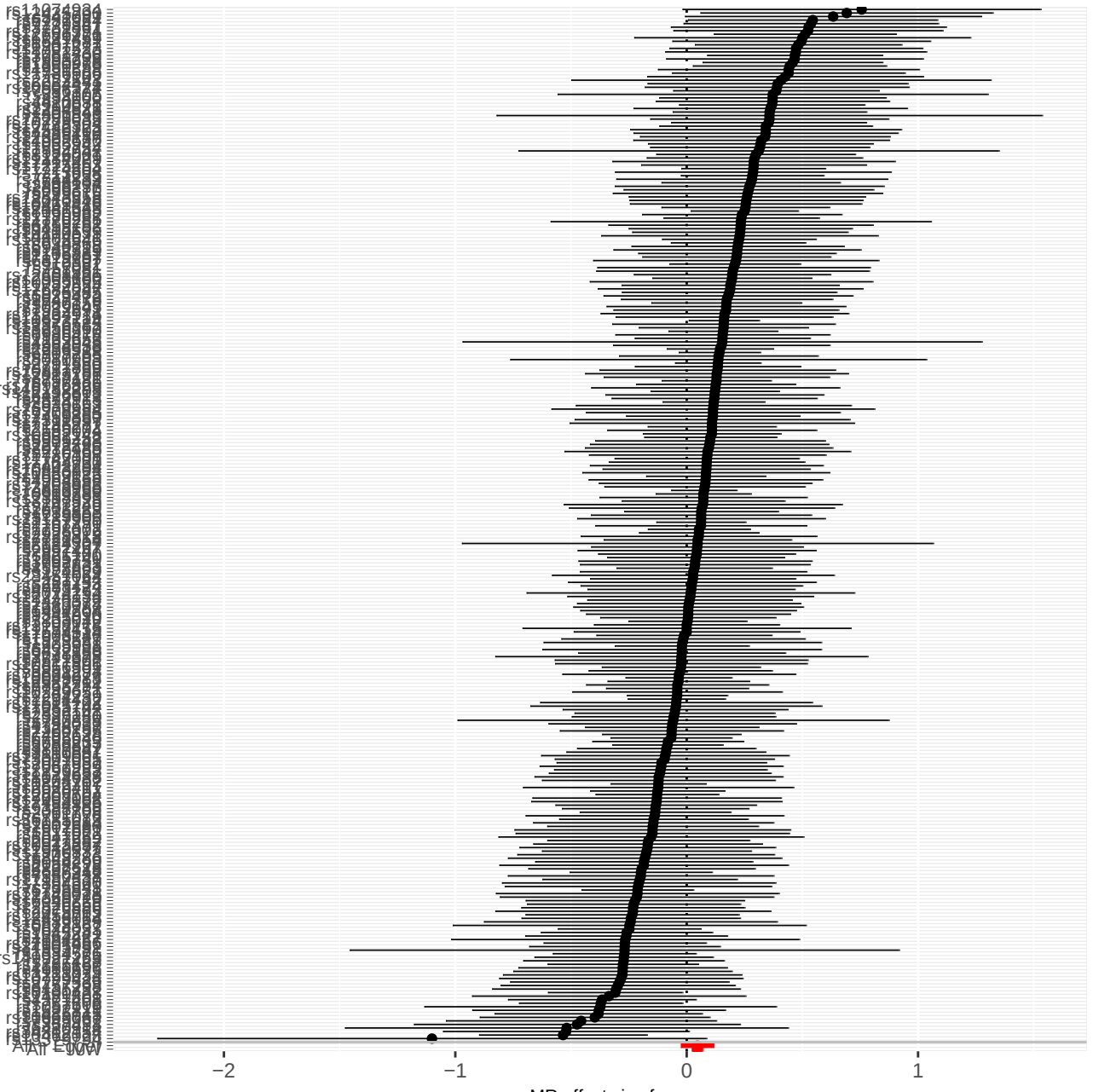

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−10429 || id:441'

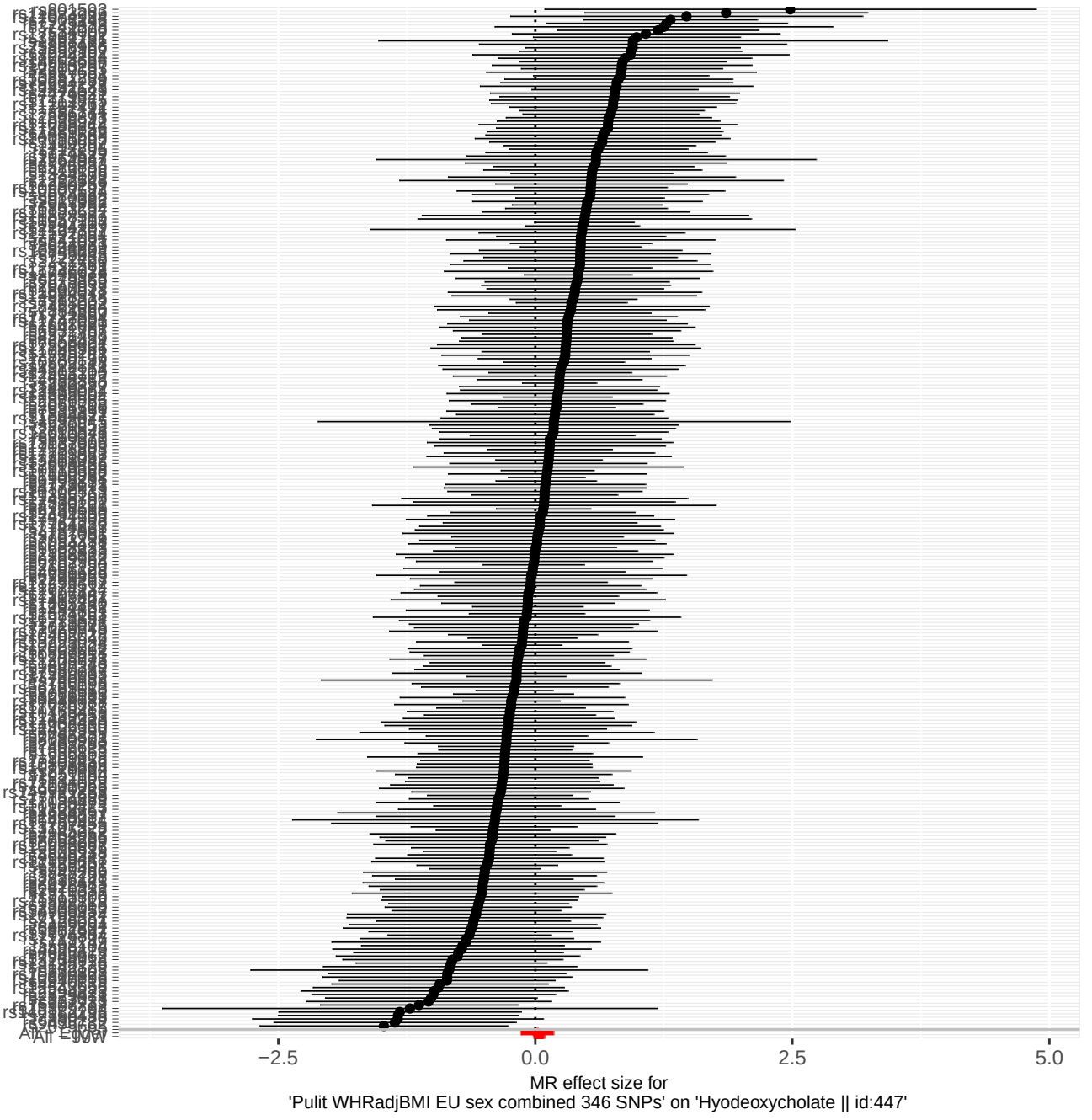

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−10500 || id:442'

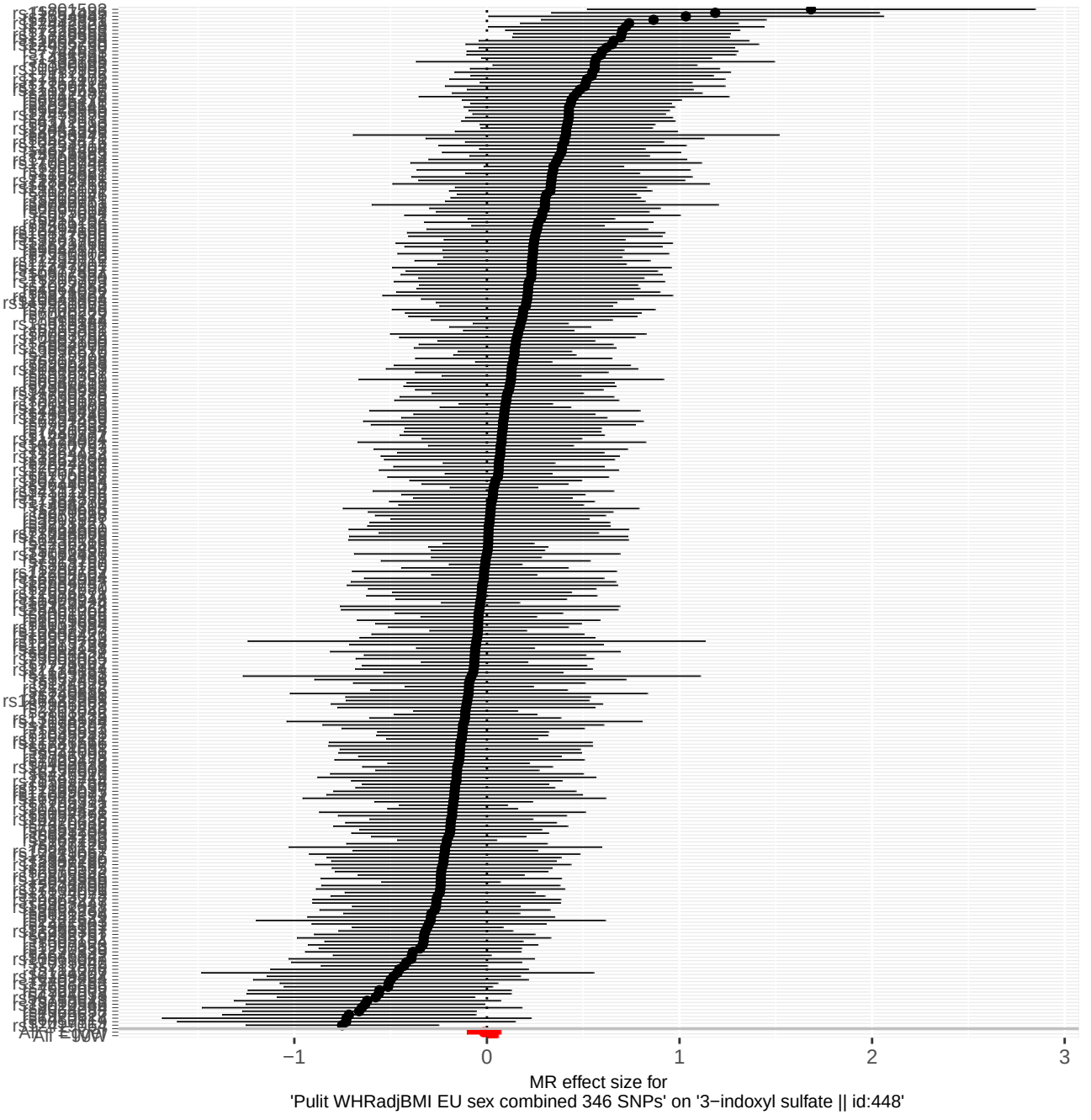

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−10506 || id:443'

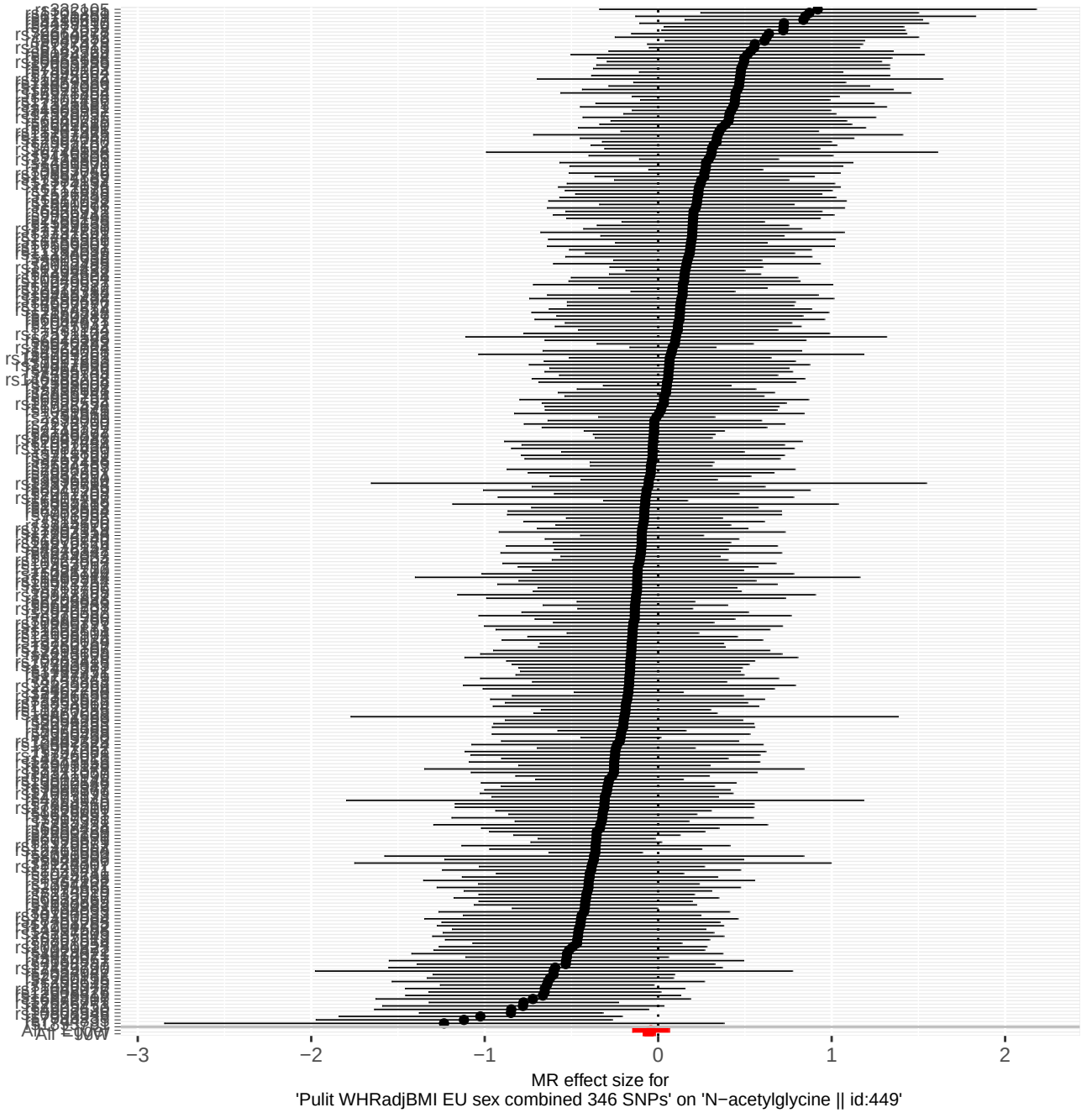

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−10510 || id:444'

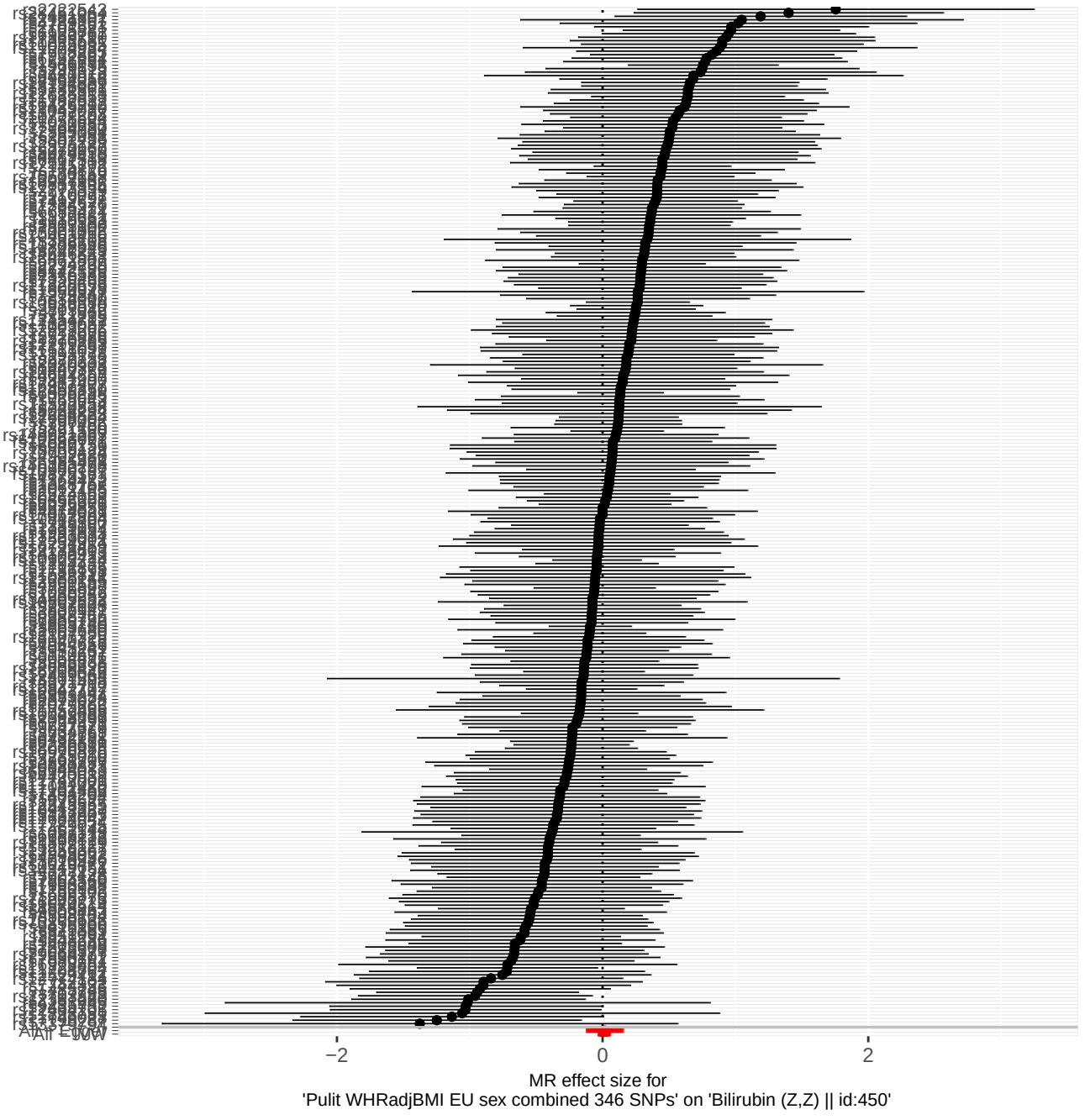

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−linoleoylglycerol (1−monolinolein) || id:445'

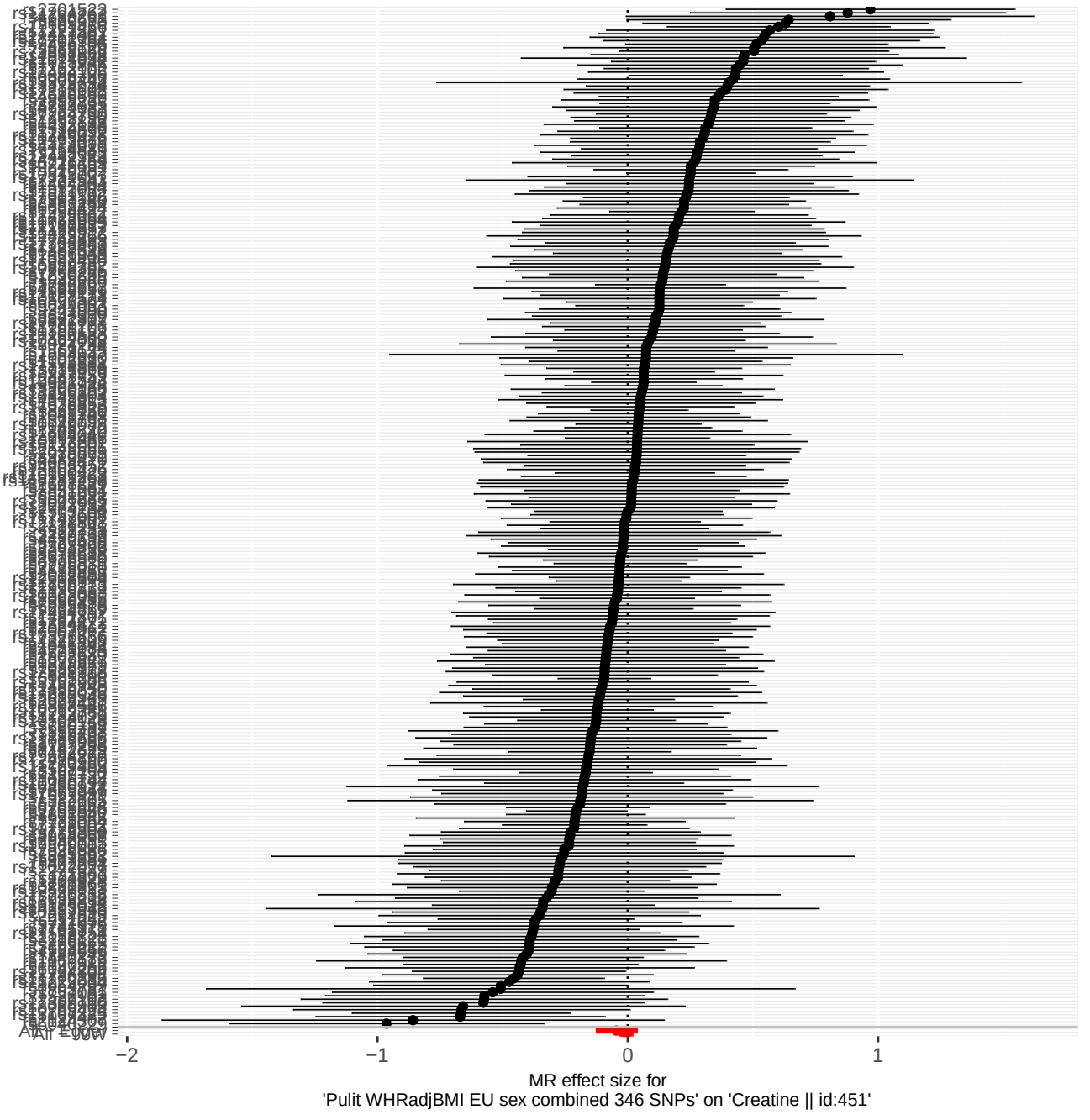

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Indoleacetate || id:446'

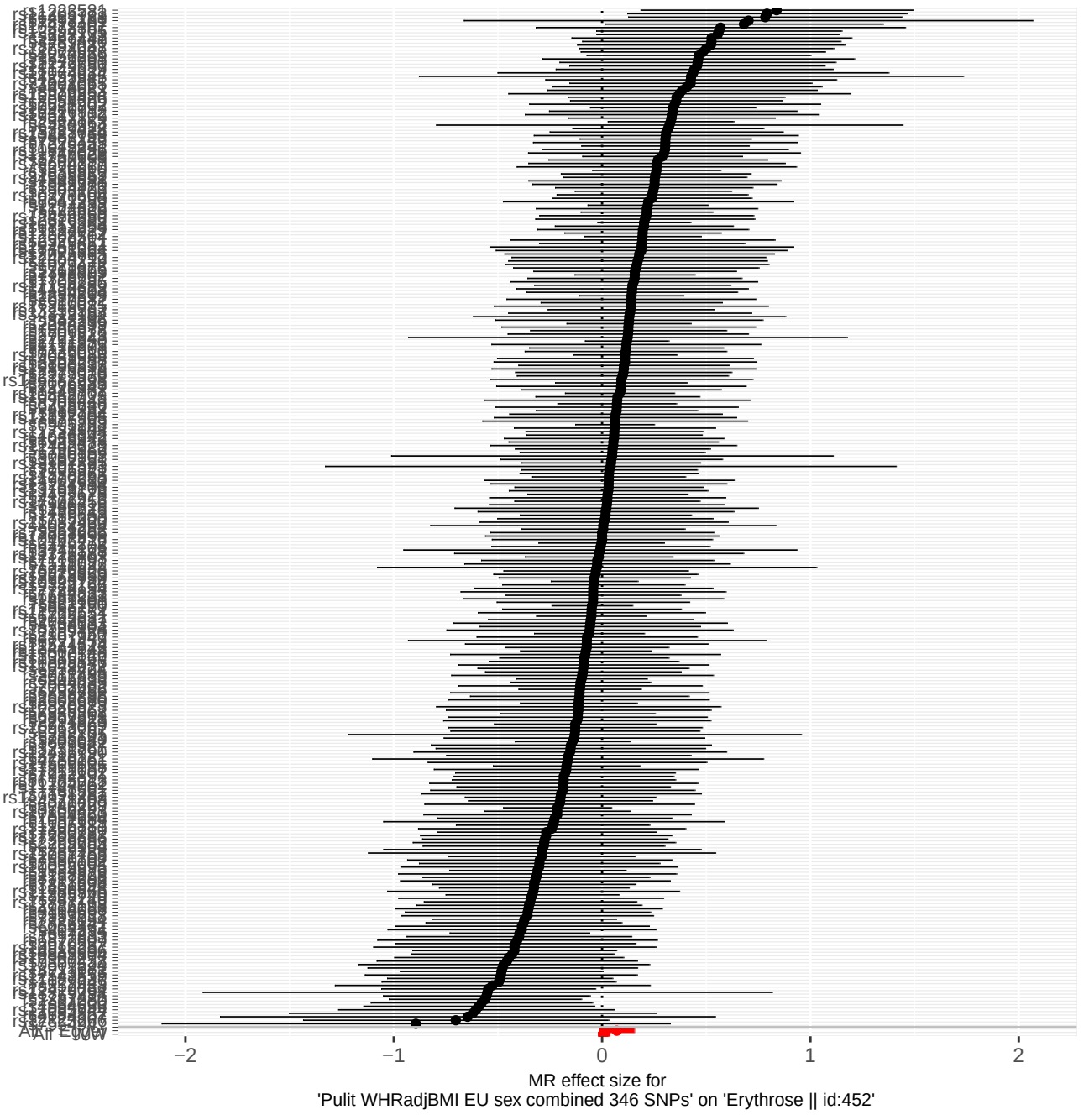

−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Hyodeoxycholate || id:447'

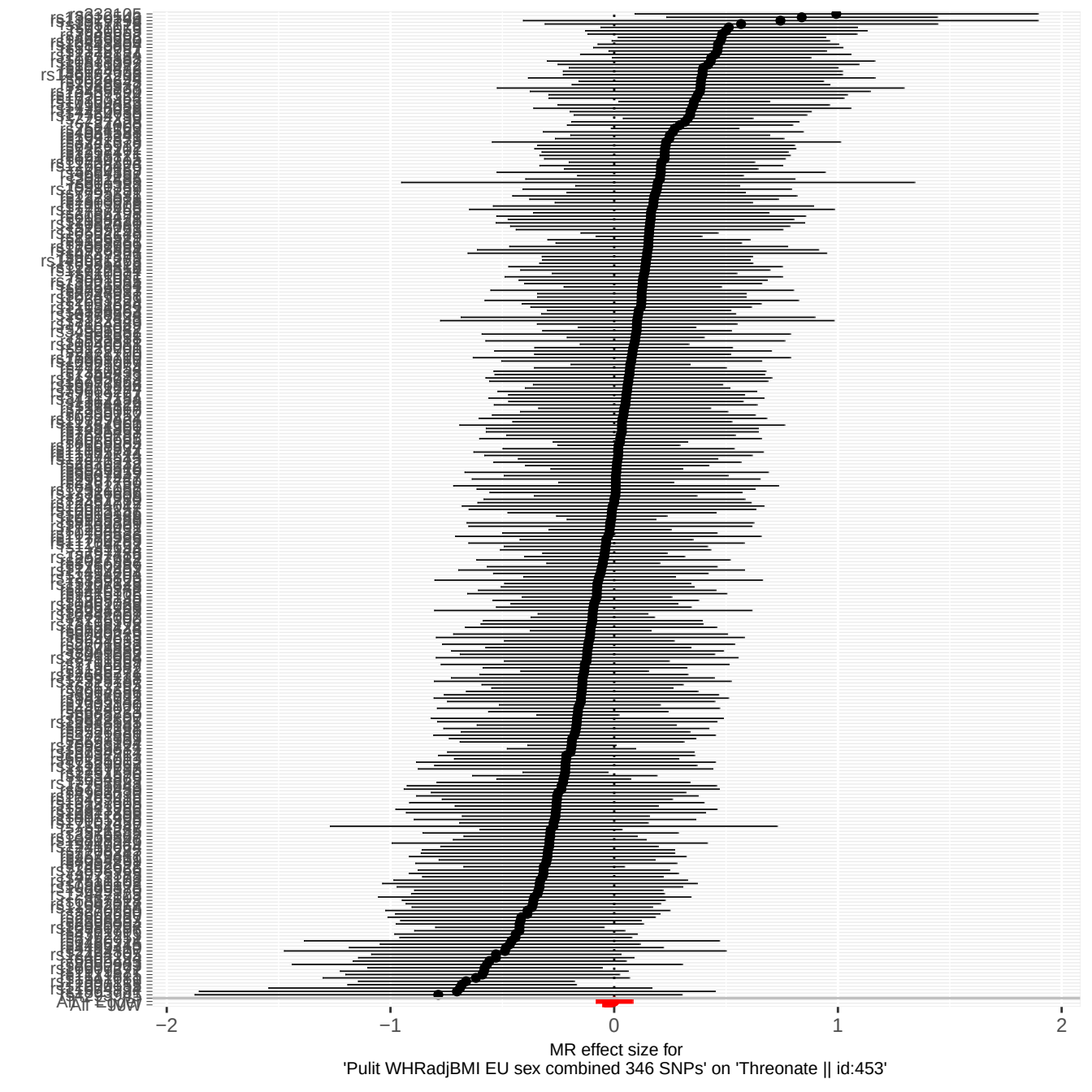

−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−indoxyl sulfate || id:448'

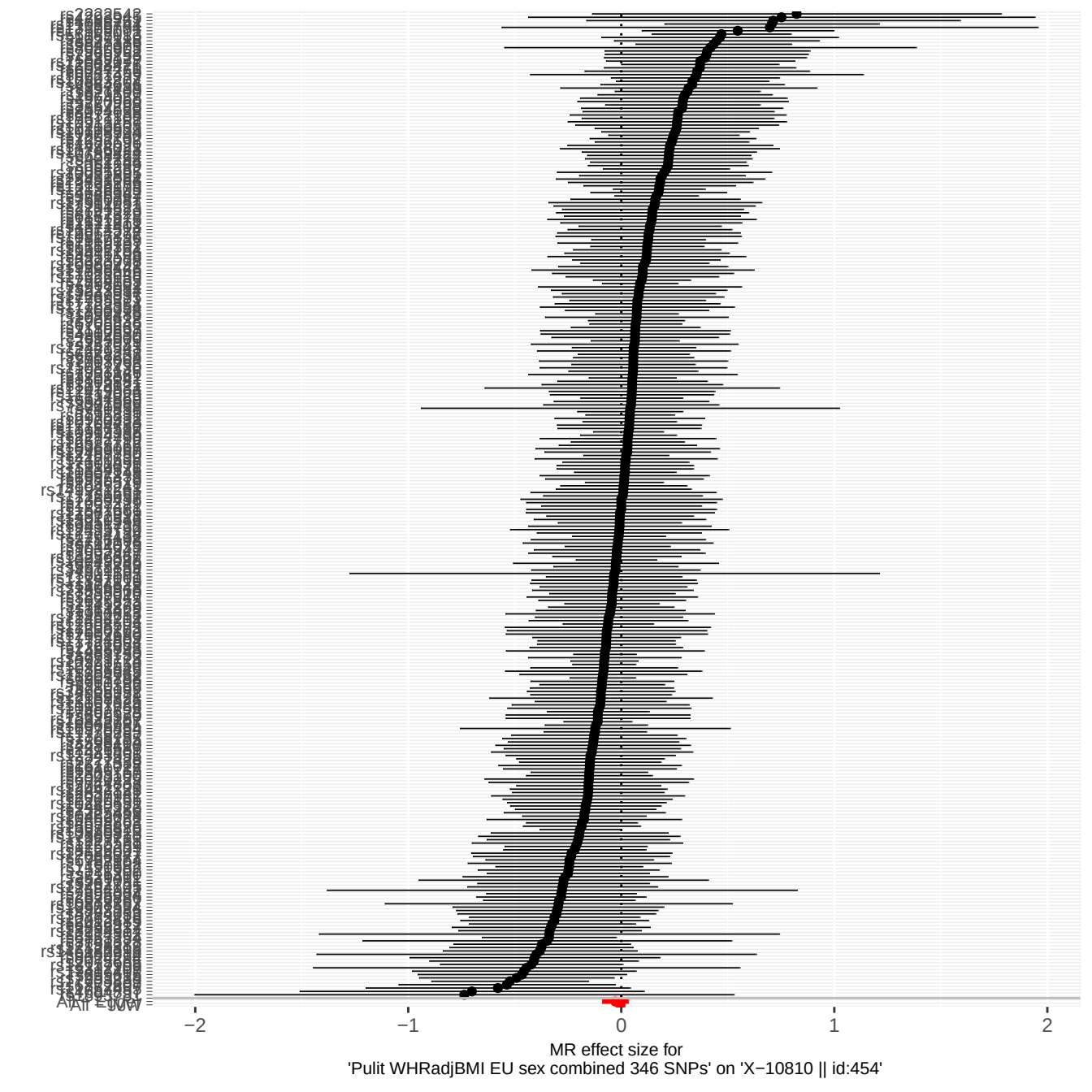

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'N−acetylglycine || id:449'

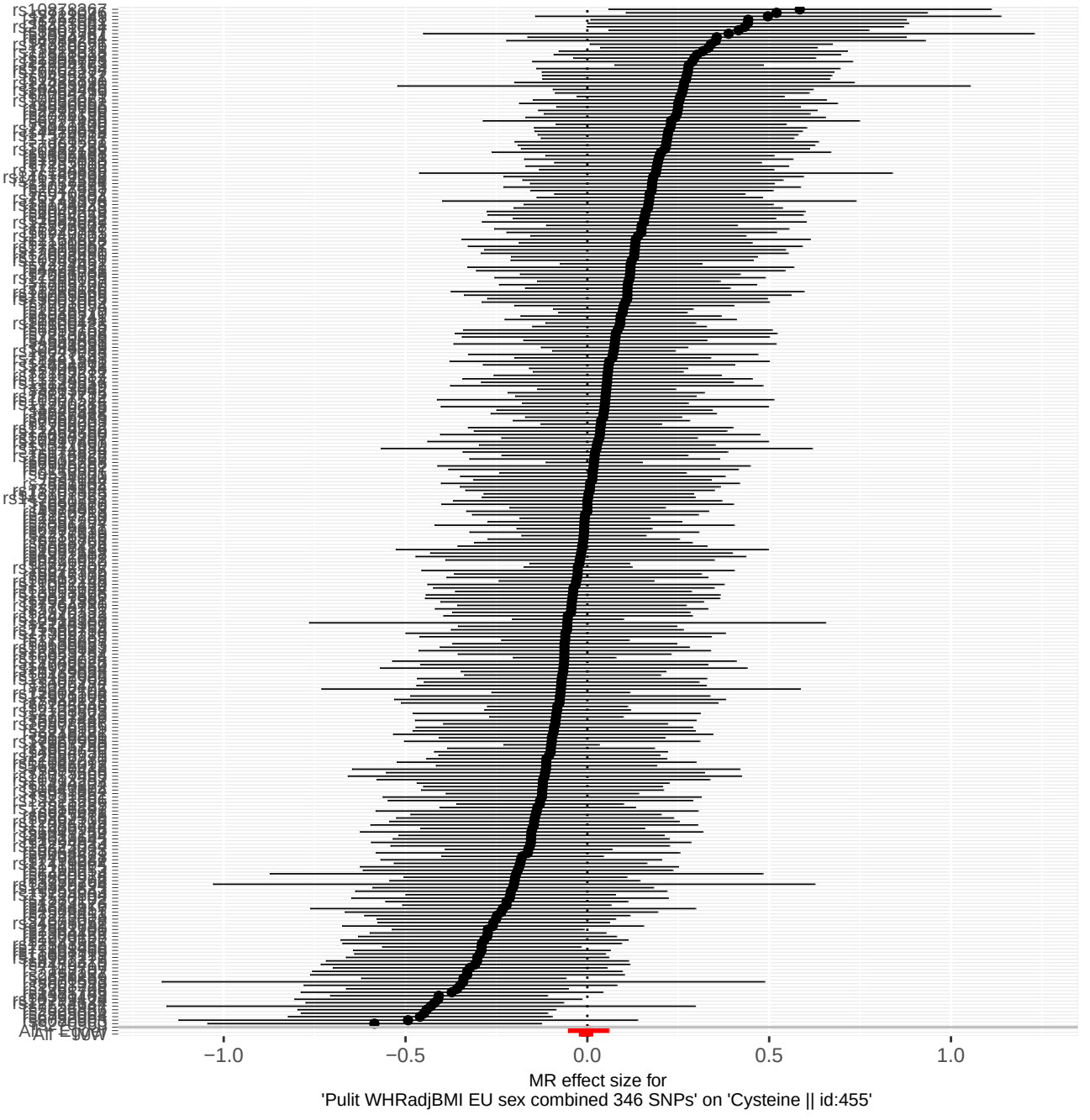

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Bilirubin (Z,Z) || id:450'

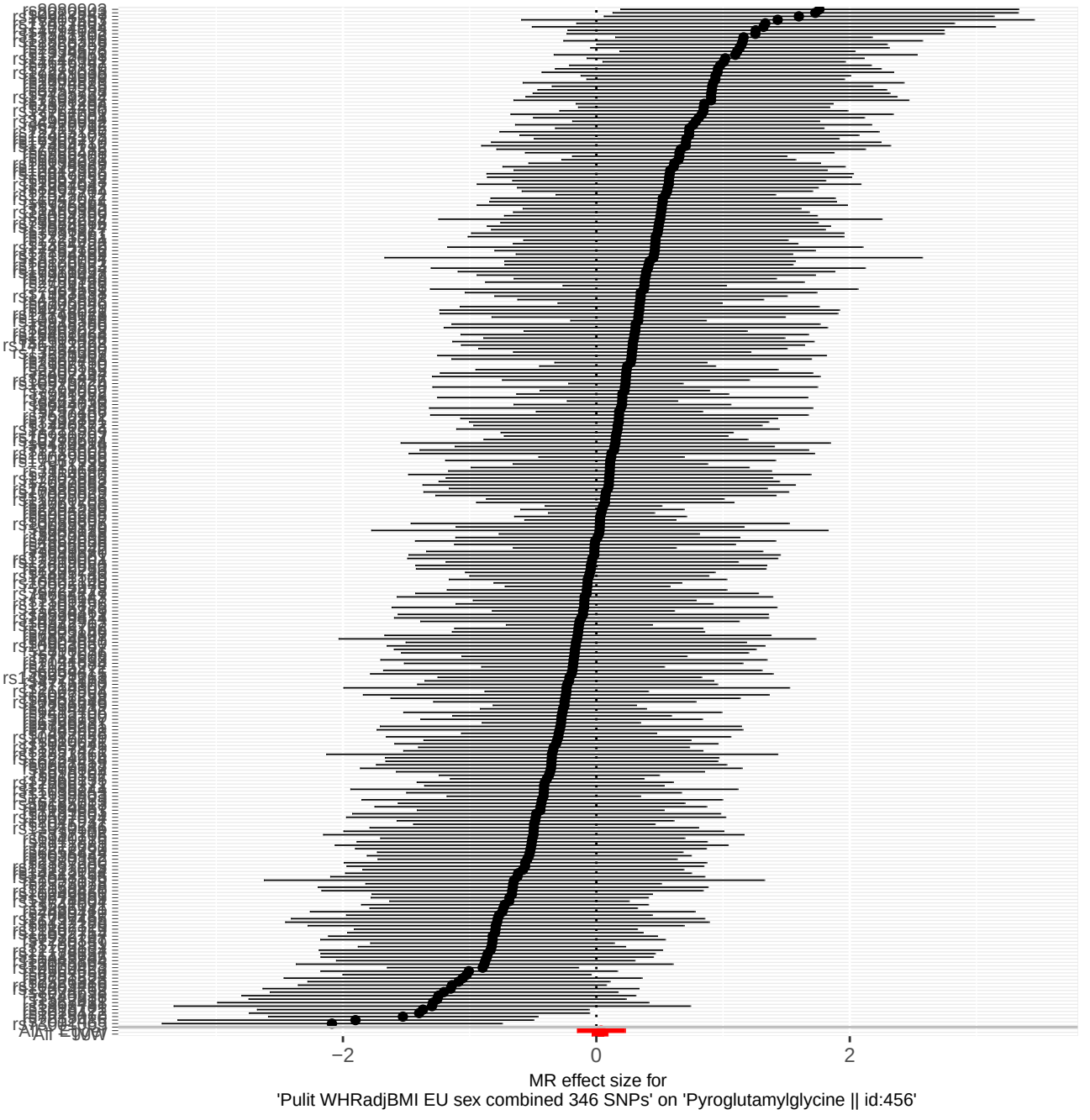

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Creatine || id:451'

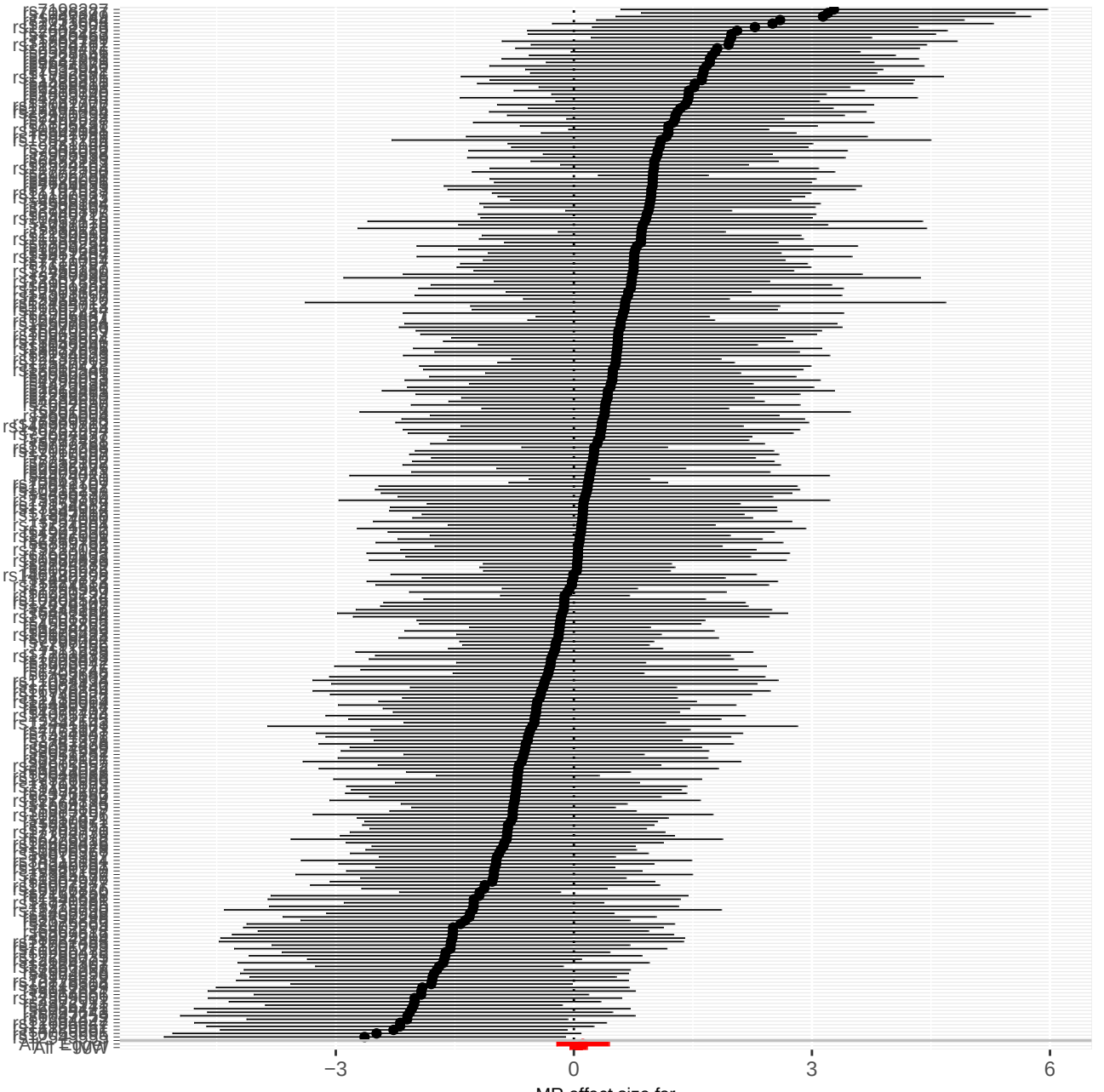

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Erythrose || id:452'

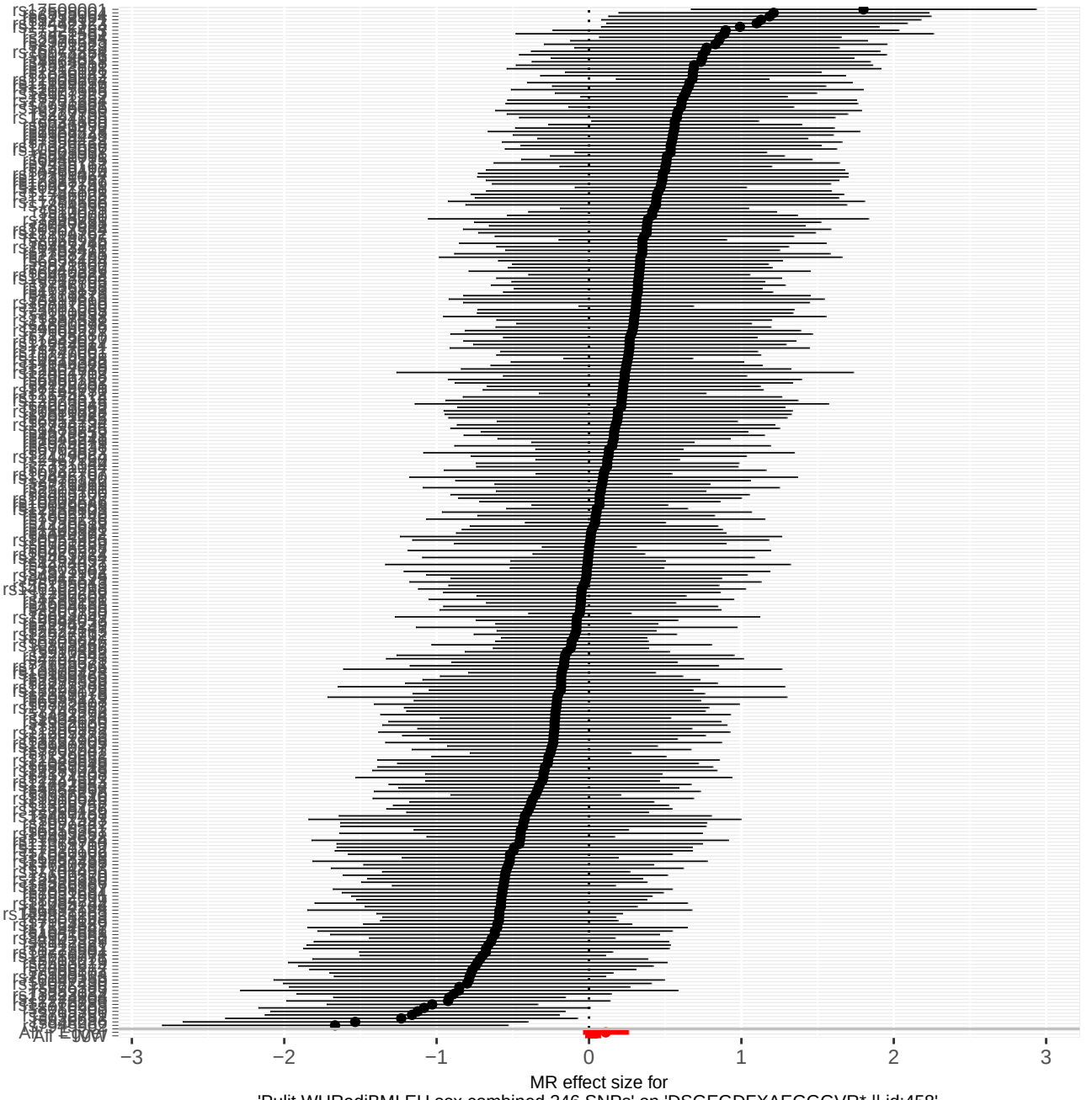

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Threonate || id:453'

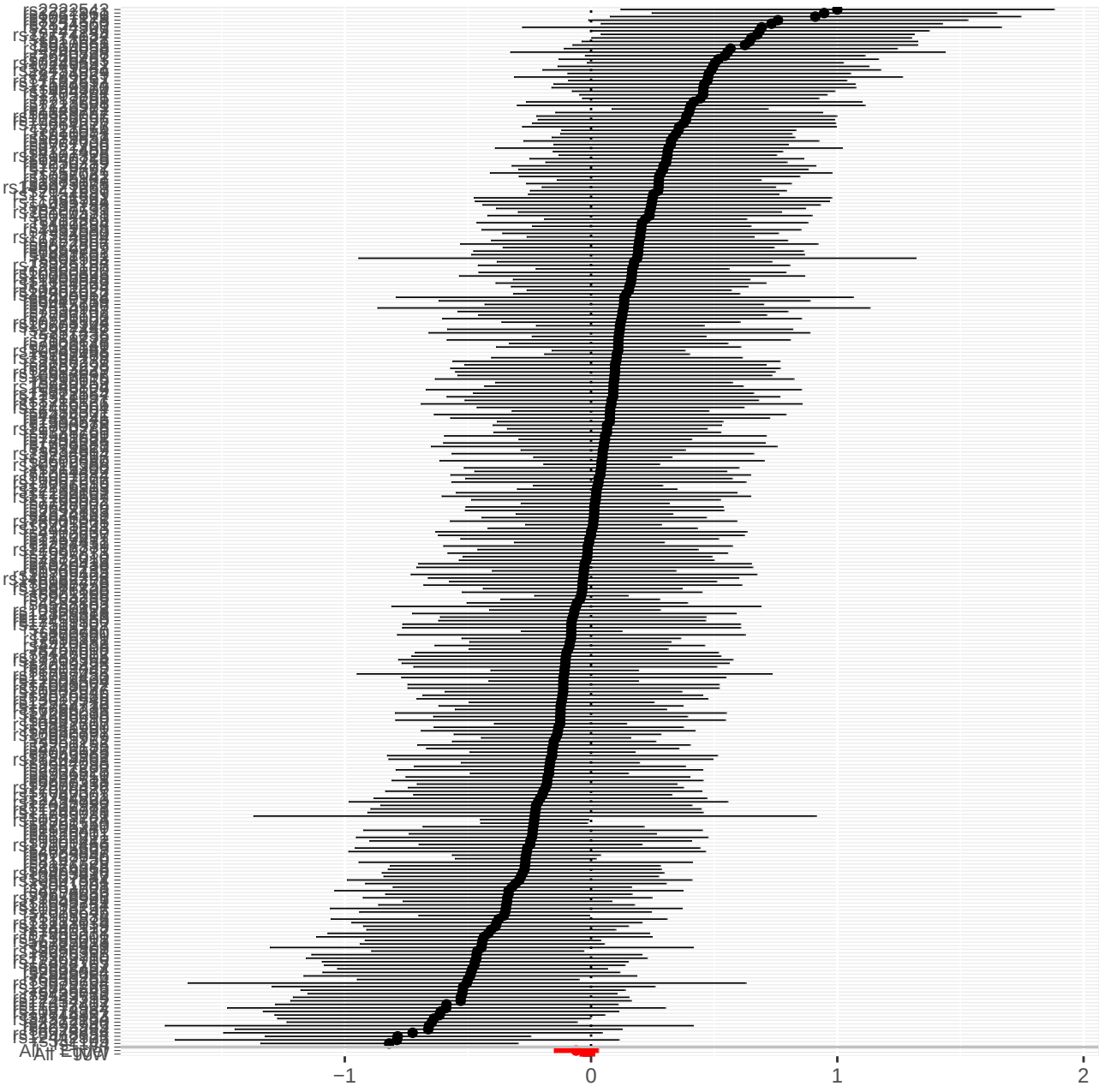

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−10810 || id:454'

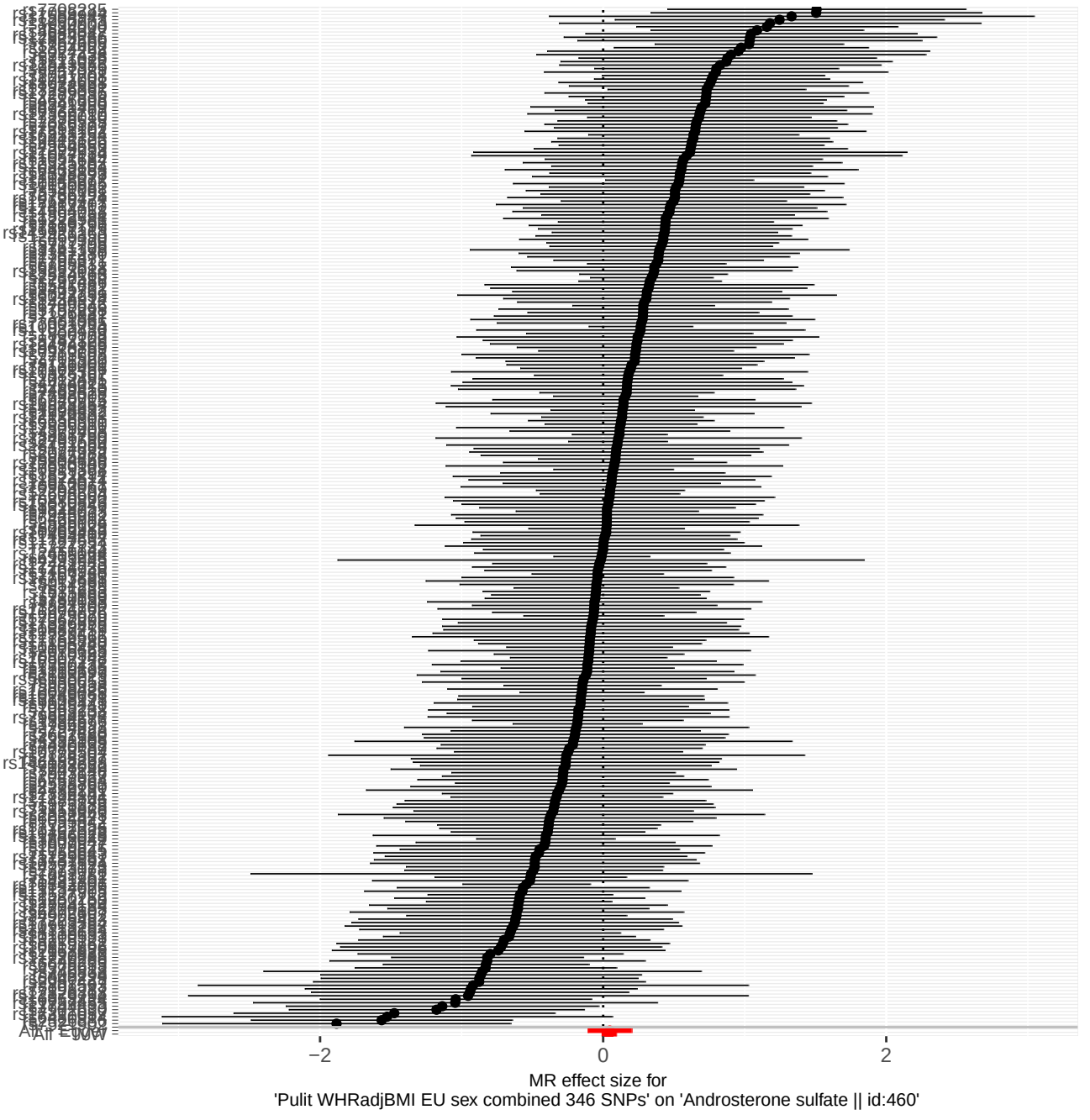

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Cysteine || id:455'

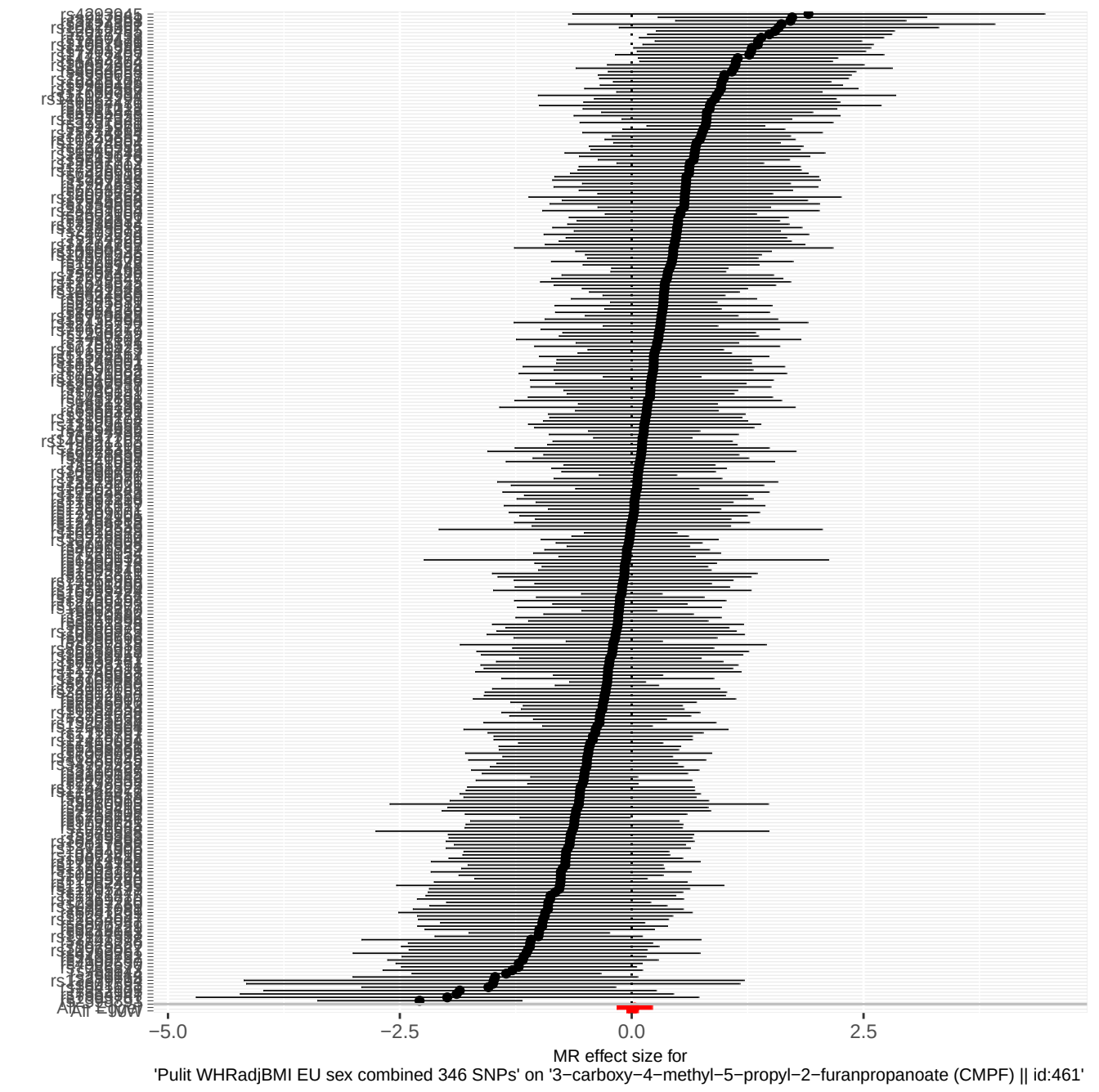

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pyroglutamylglycine || id:456'

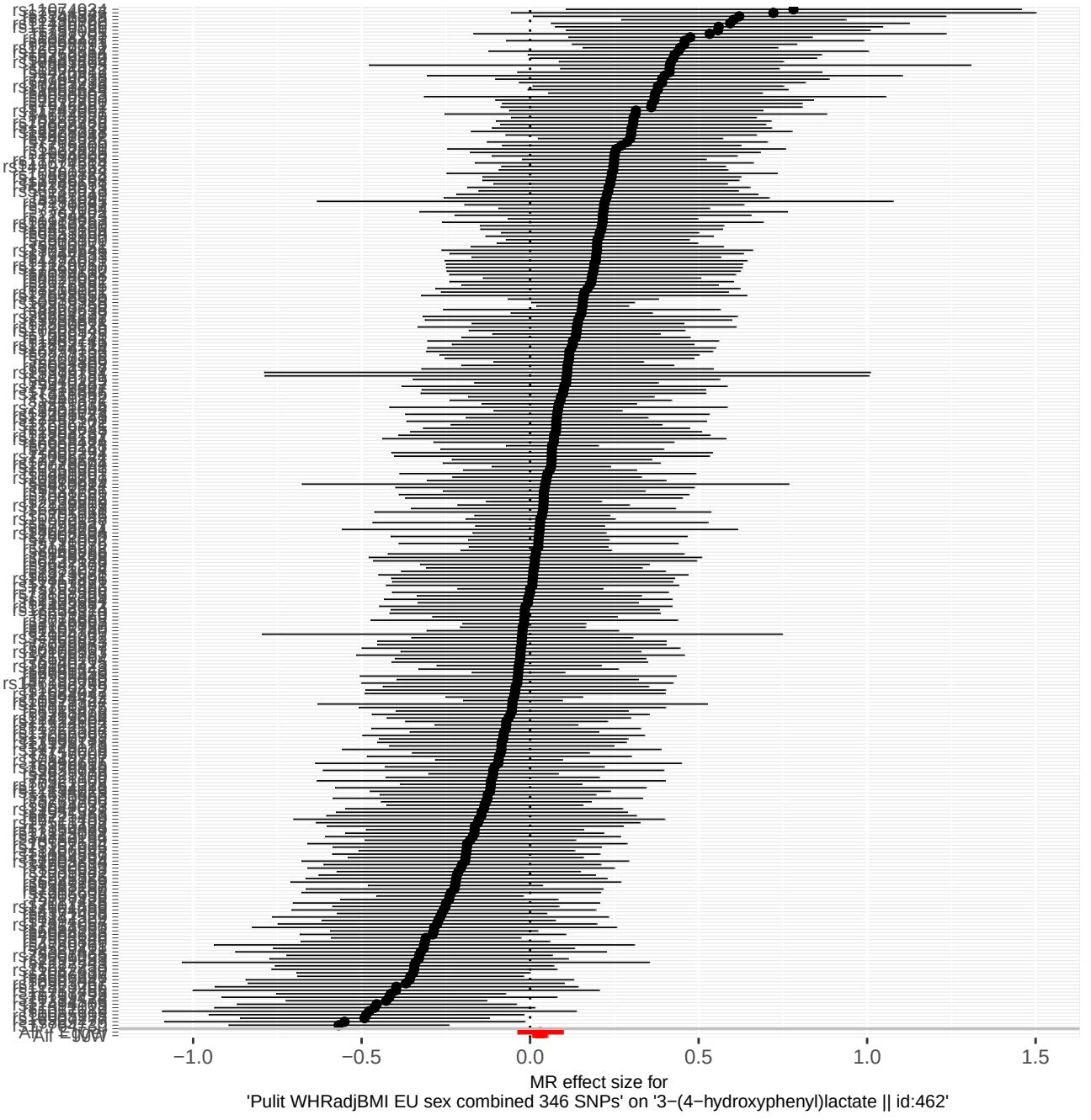

−3
0
3
6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'N−(2−furoyl)glycine || id:457'

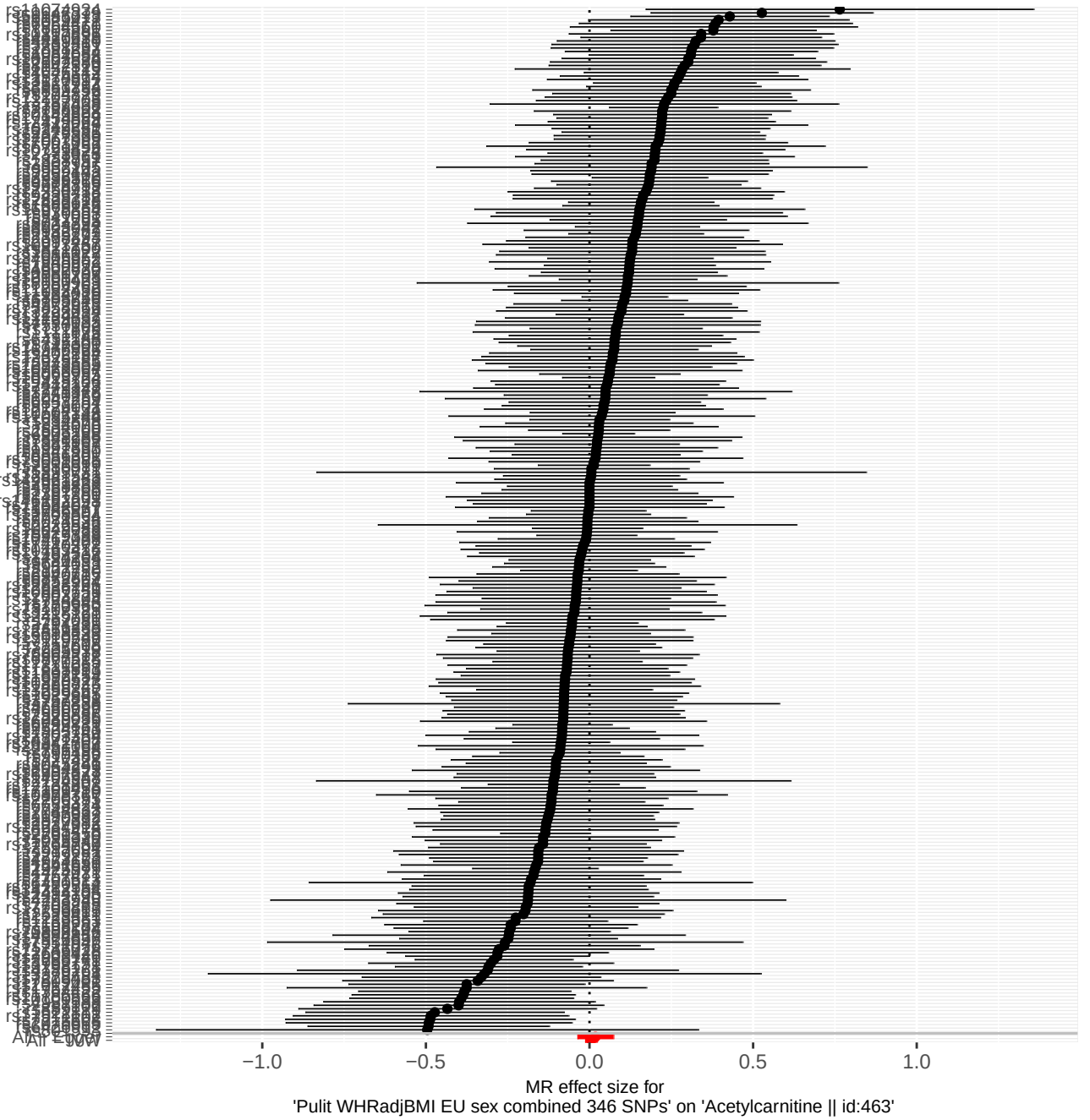

−3
−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'DSGEGDFXAEGGGVR* || id:458'

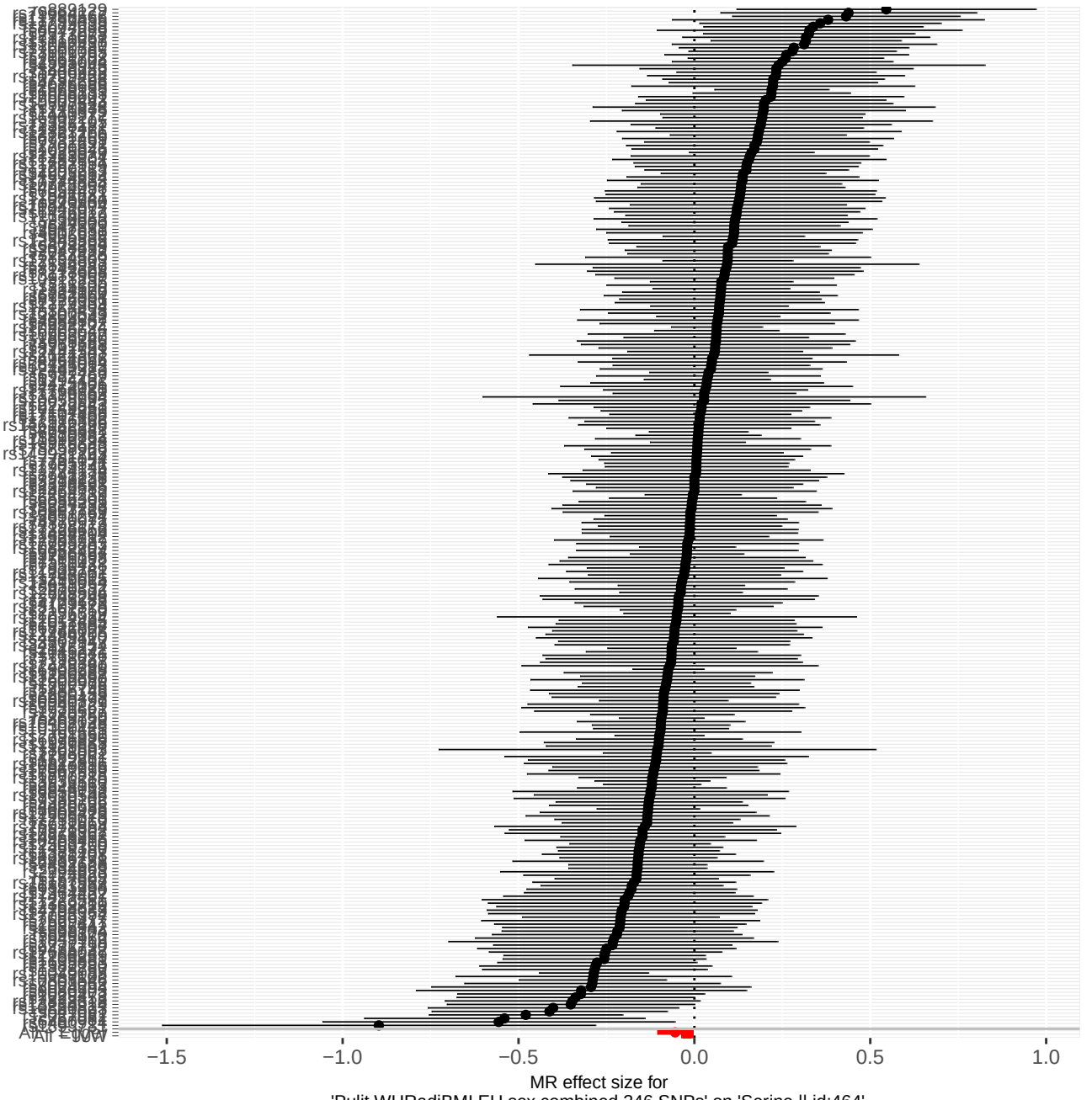

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pyridoxate || id:459'

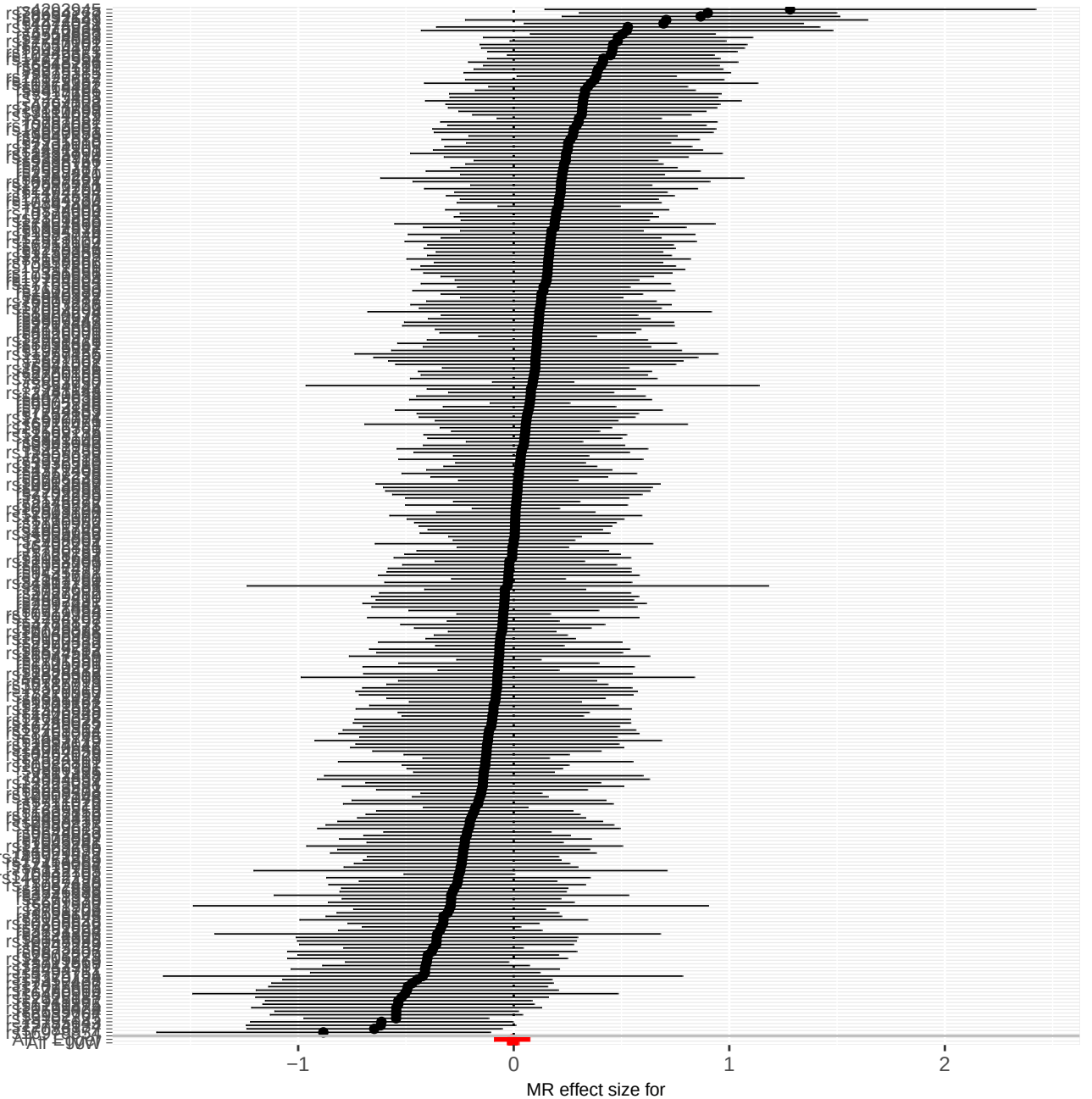

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Androsterone sulfate || id:460'

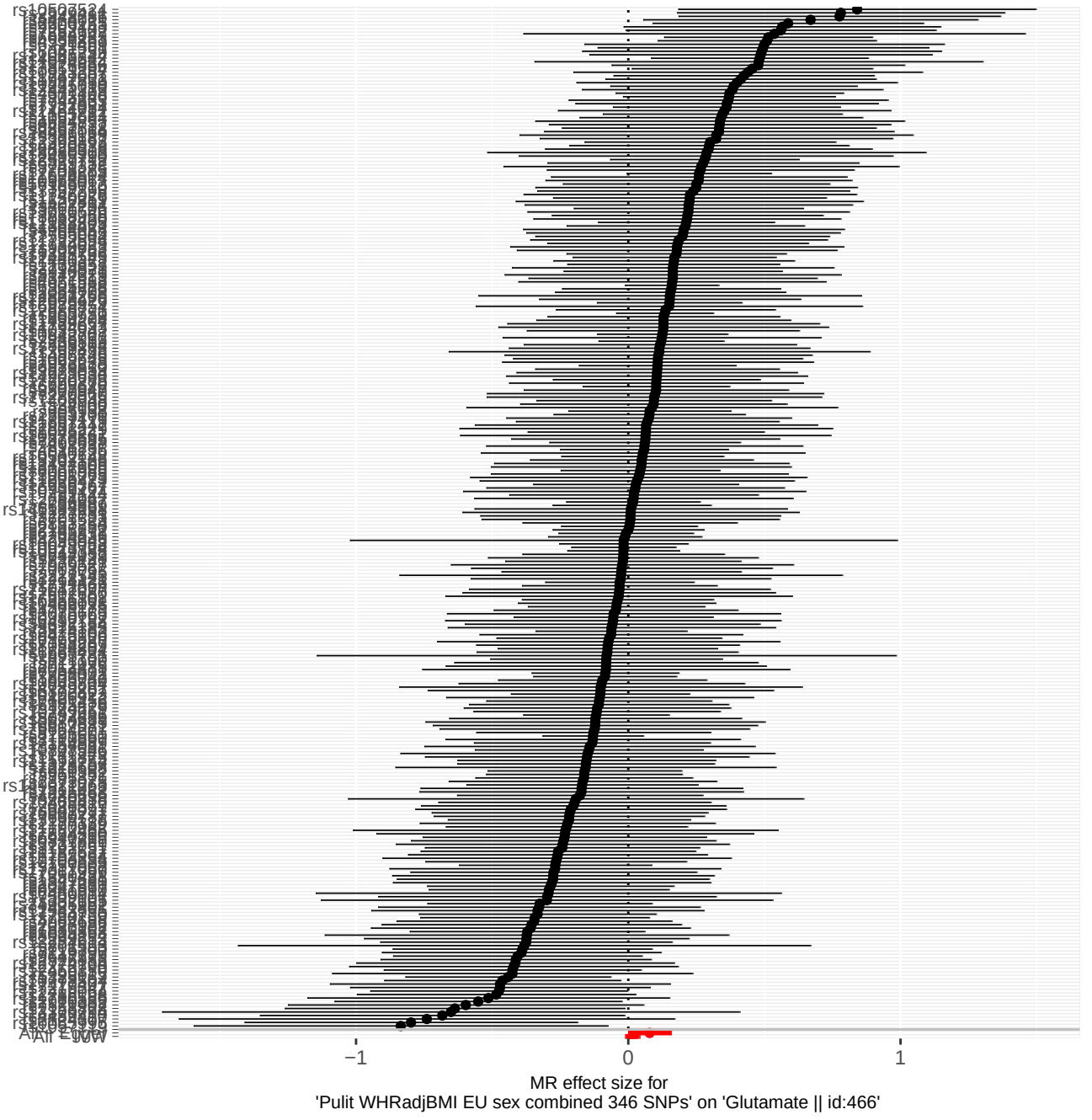

−5.0
−2.5
0.0
2.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−carboxy−4−methyl−5−propyl−2−furanpropanoate (CMPF) || id:461'

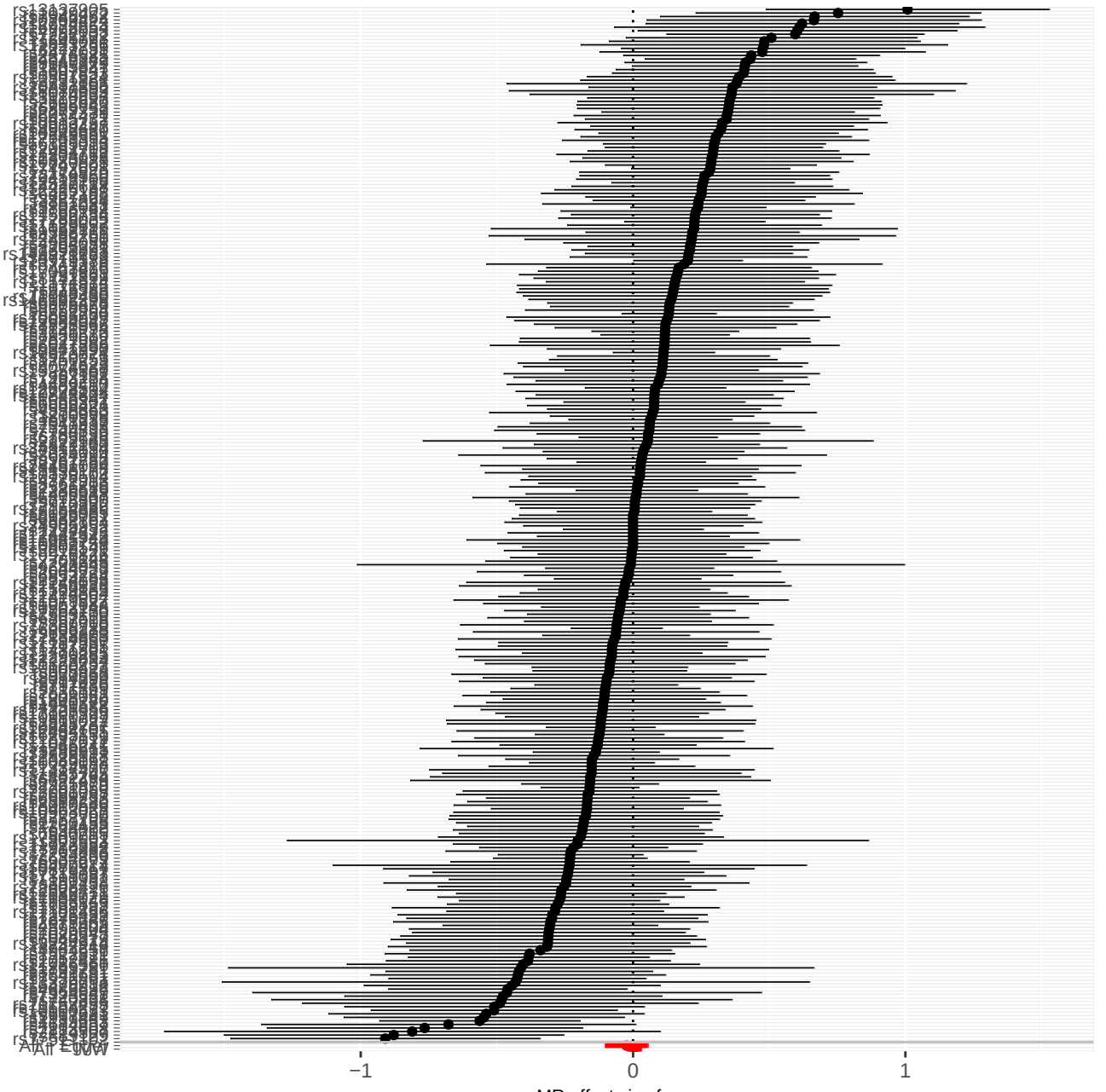

−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−(4−hydroxyphenyl)lactate || id:462'

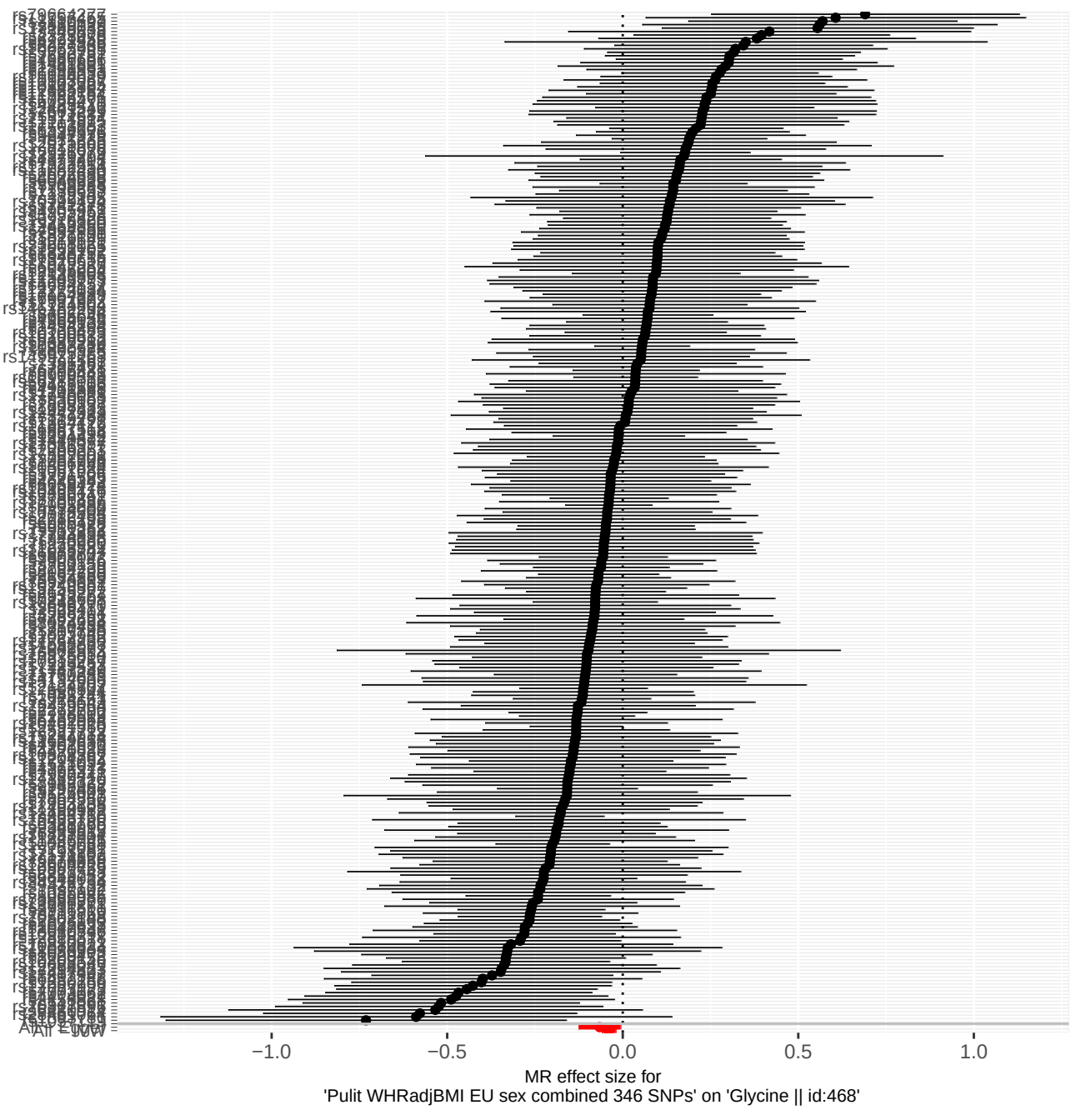

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Acetylcarnitine || id:463'

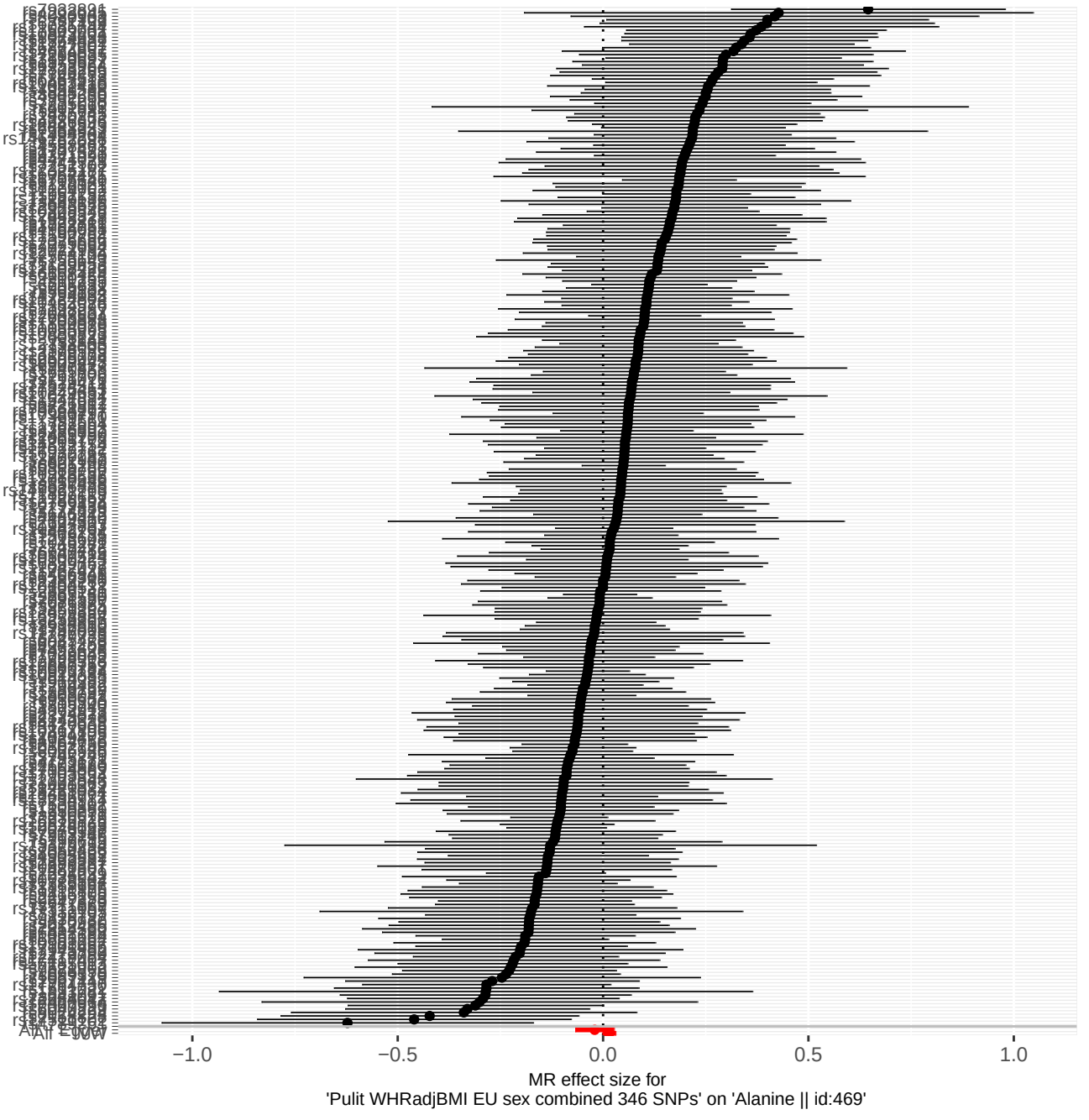

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Serine || id:464'

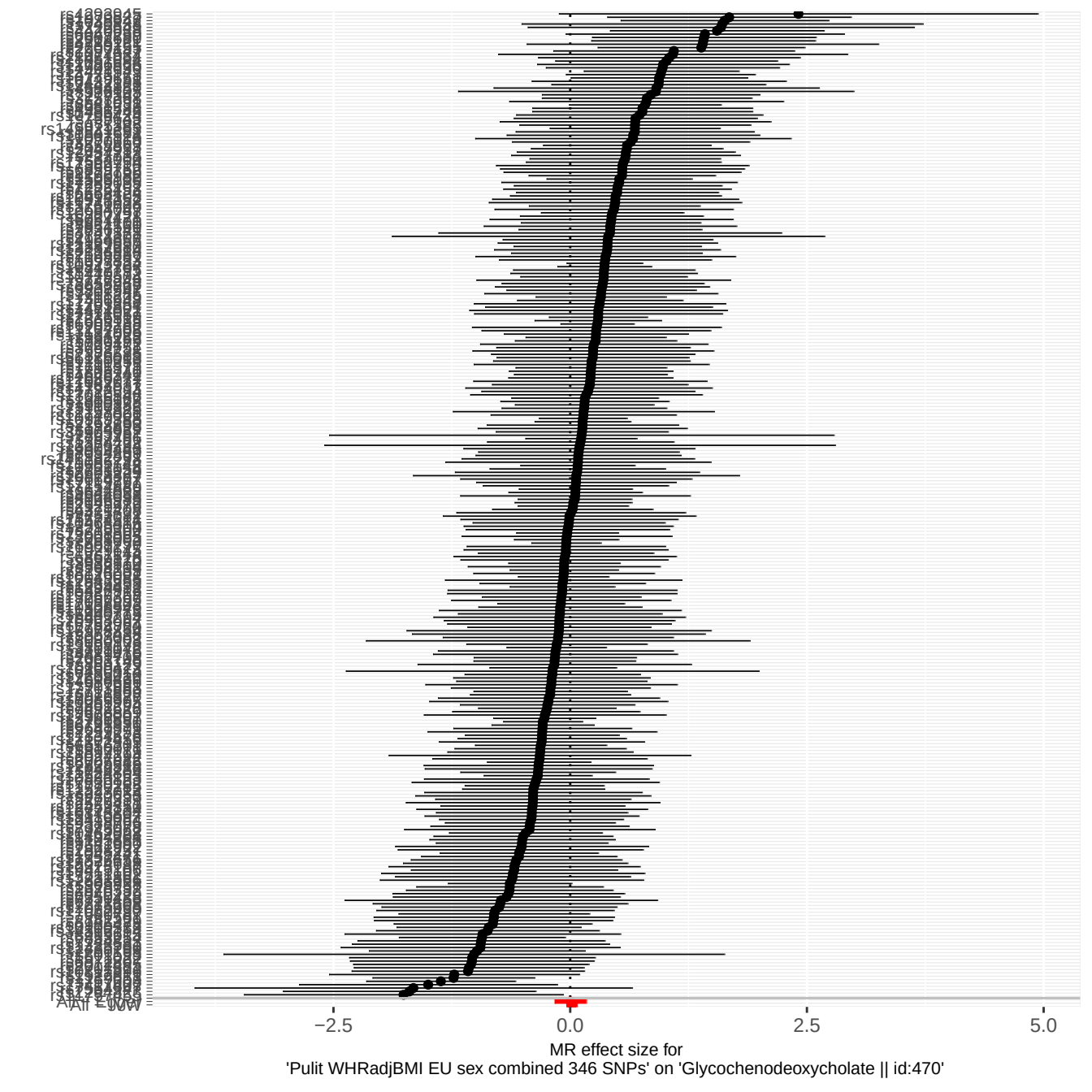

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Trans−4−hydroxyproline || id:465'

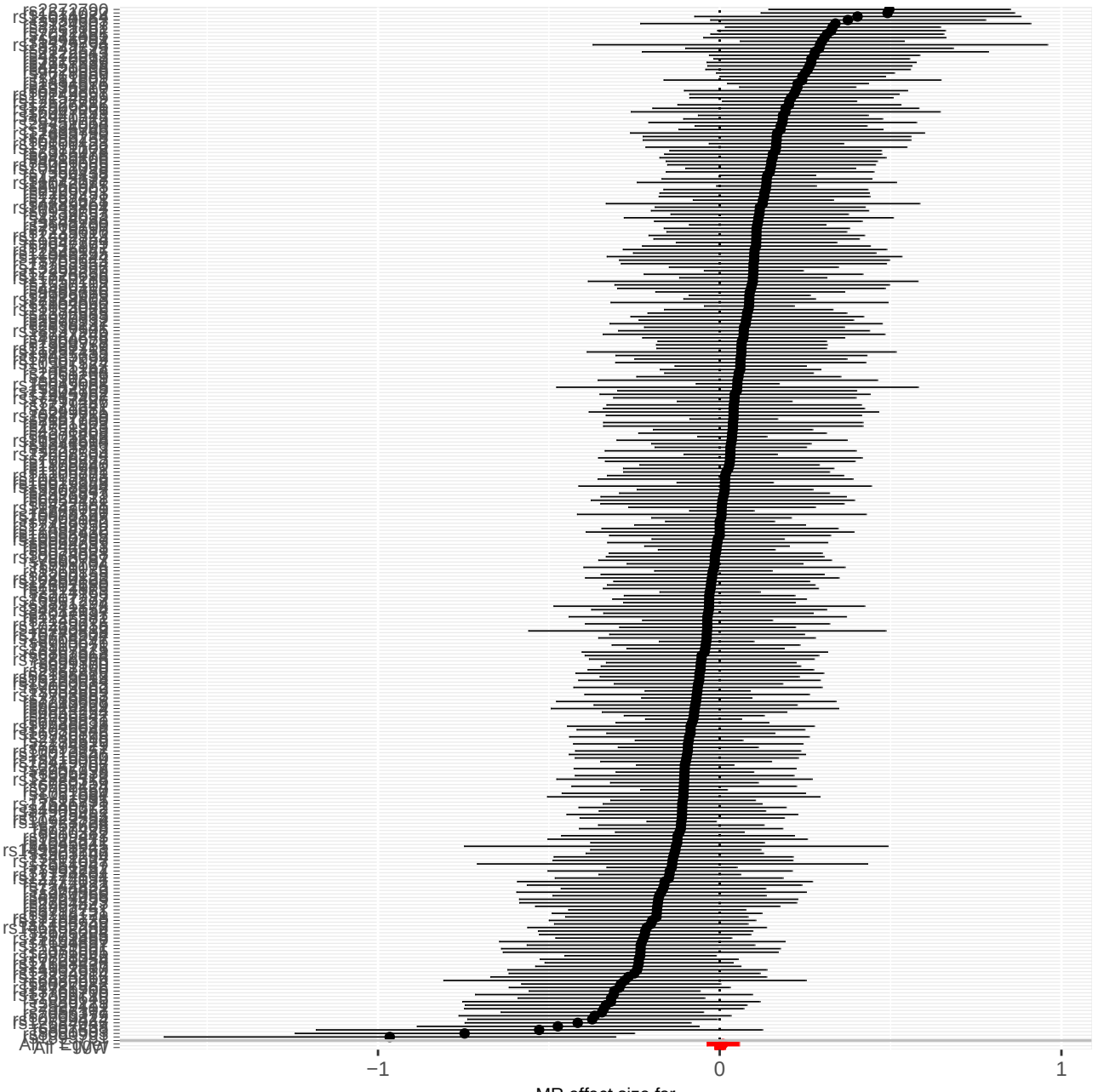

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glutamate || id:466'

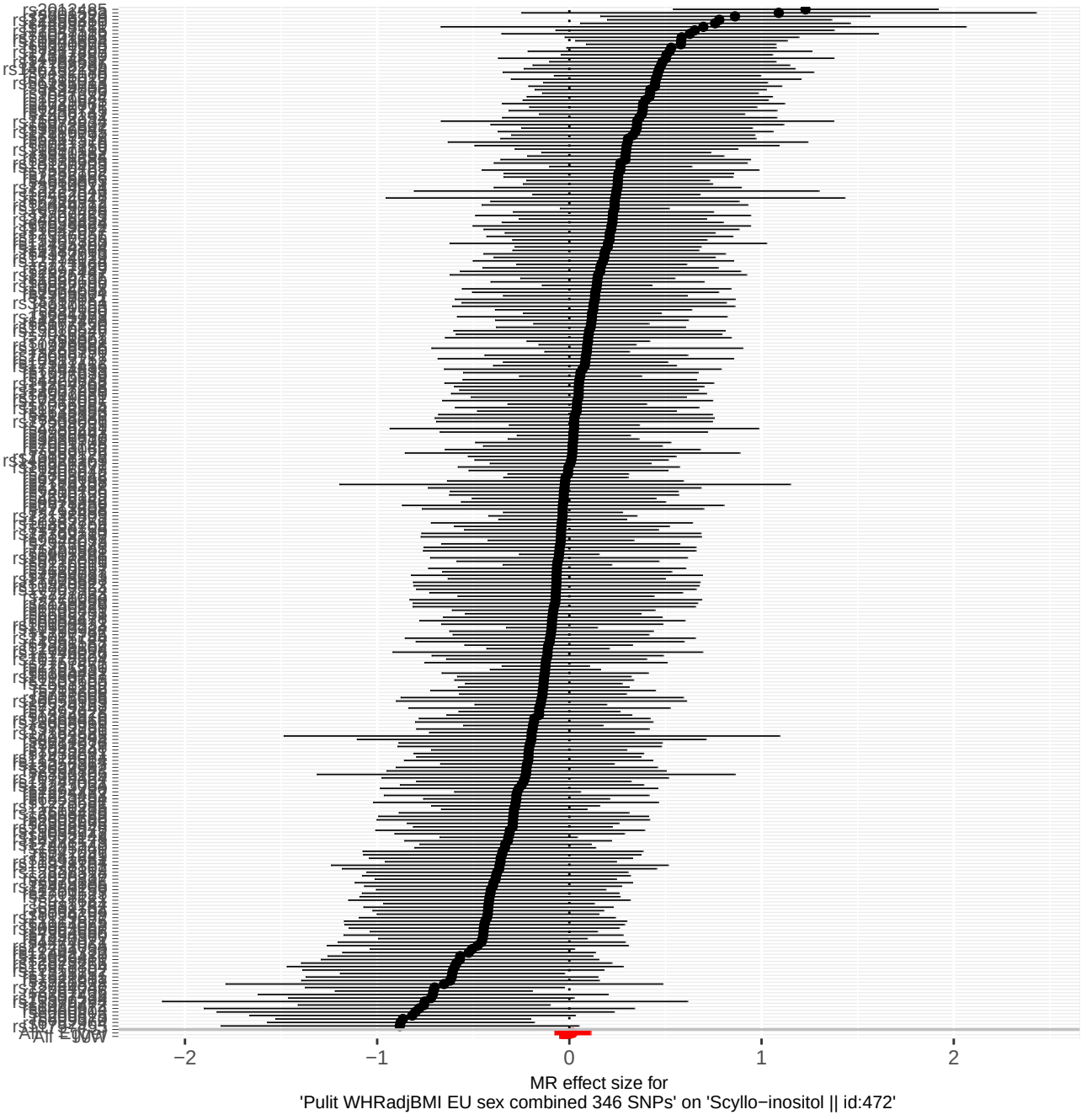

All - IVW
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Hexanoylcarnitine || id:467'

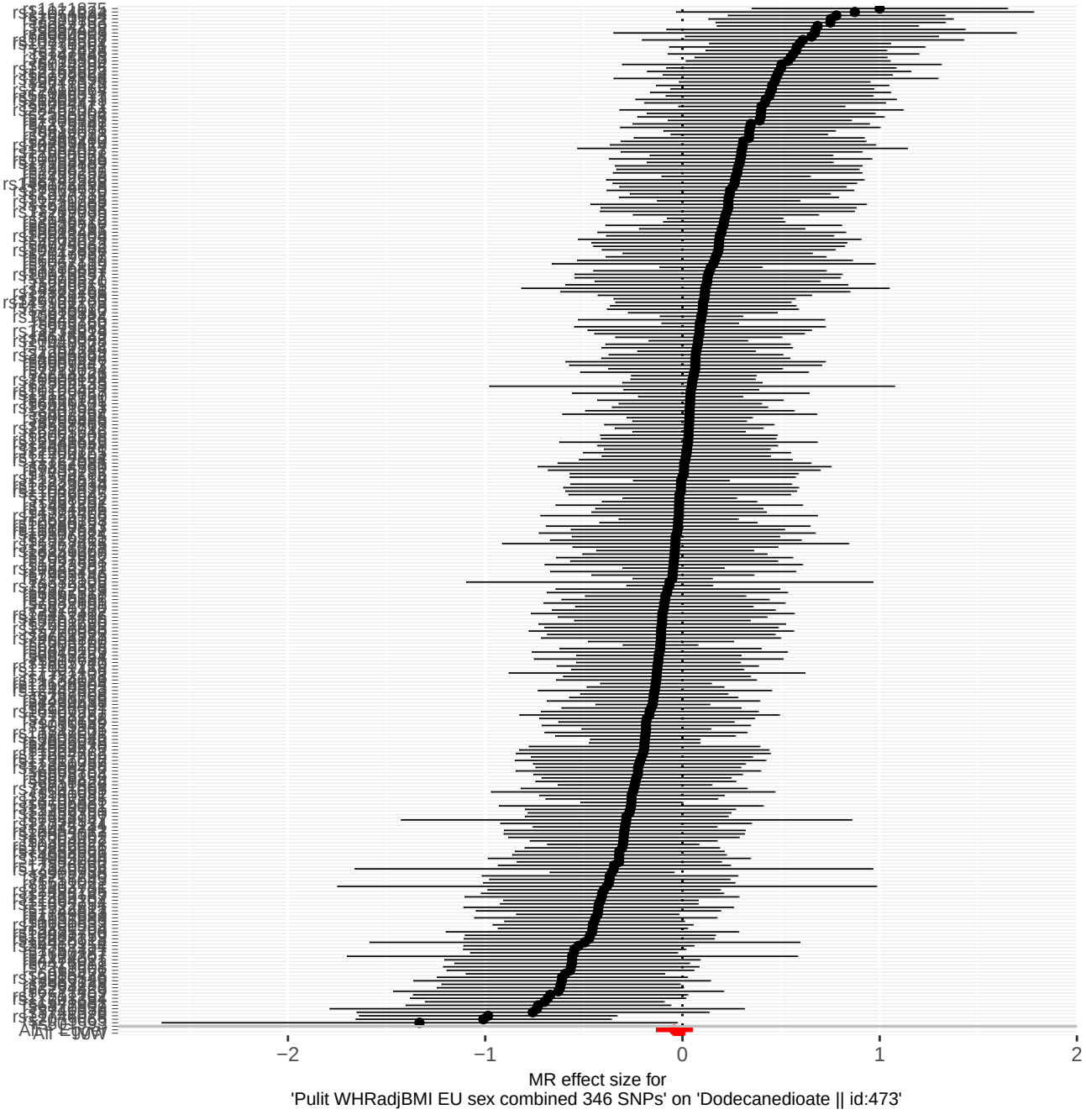

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glycine || id:468'

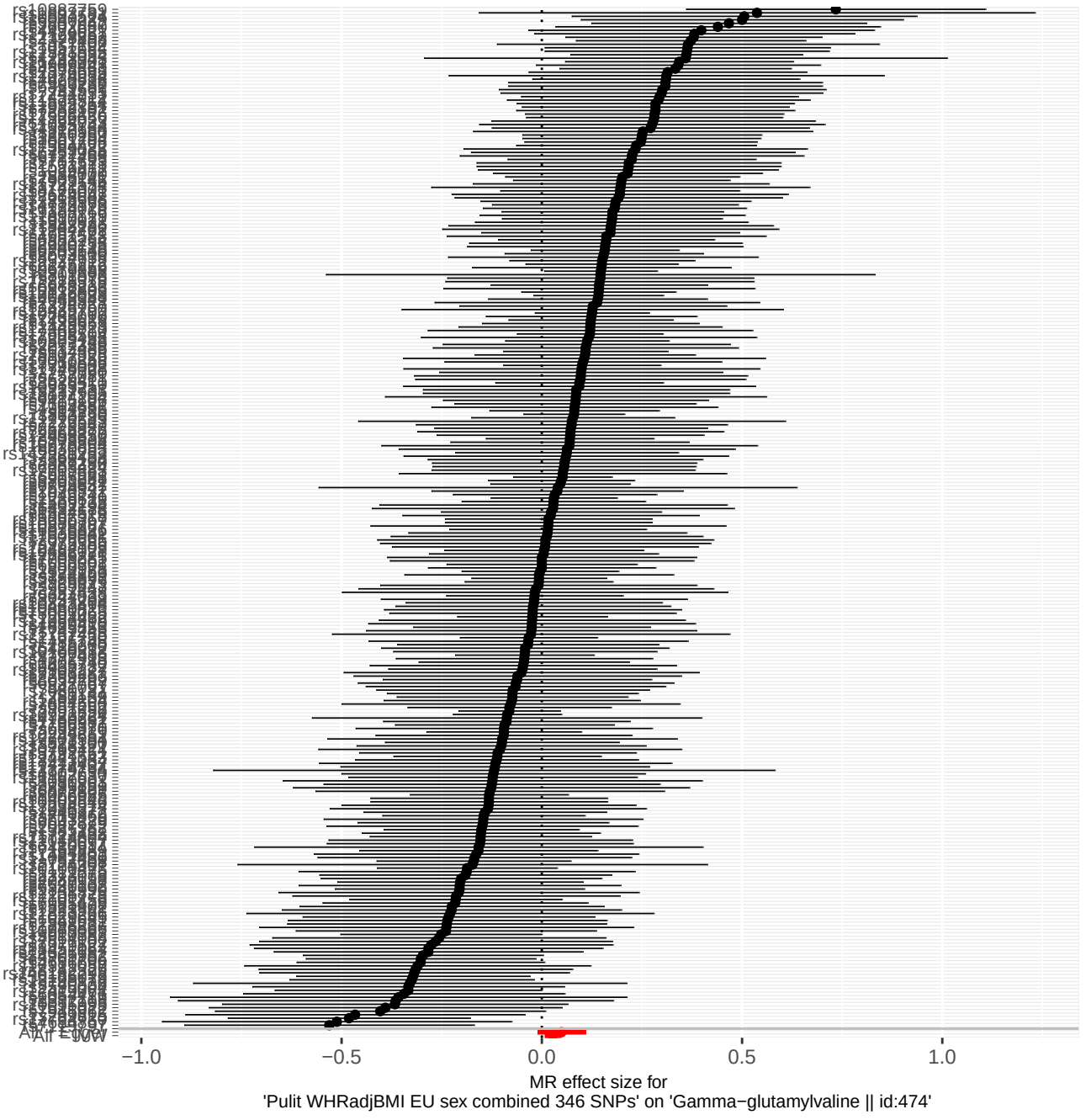

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Alanine || id:469'

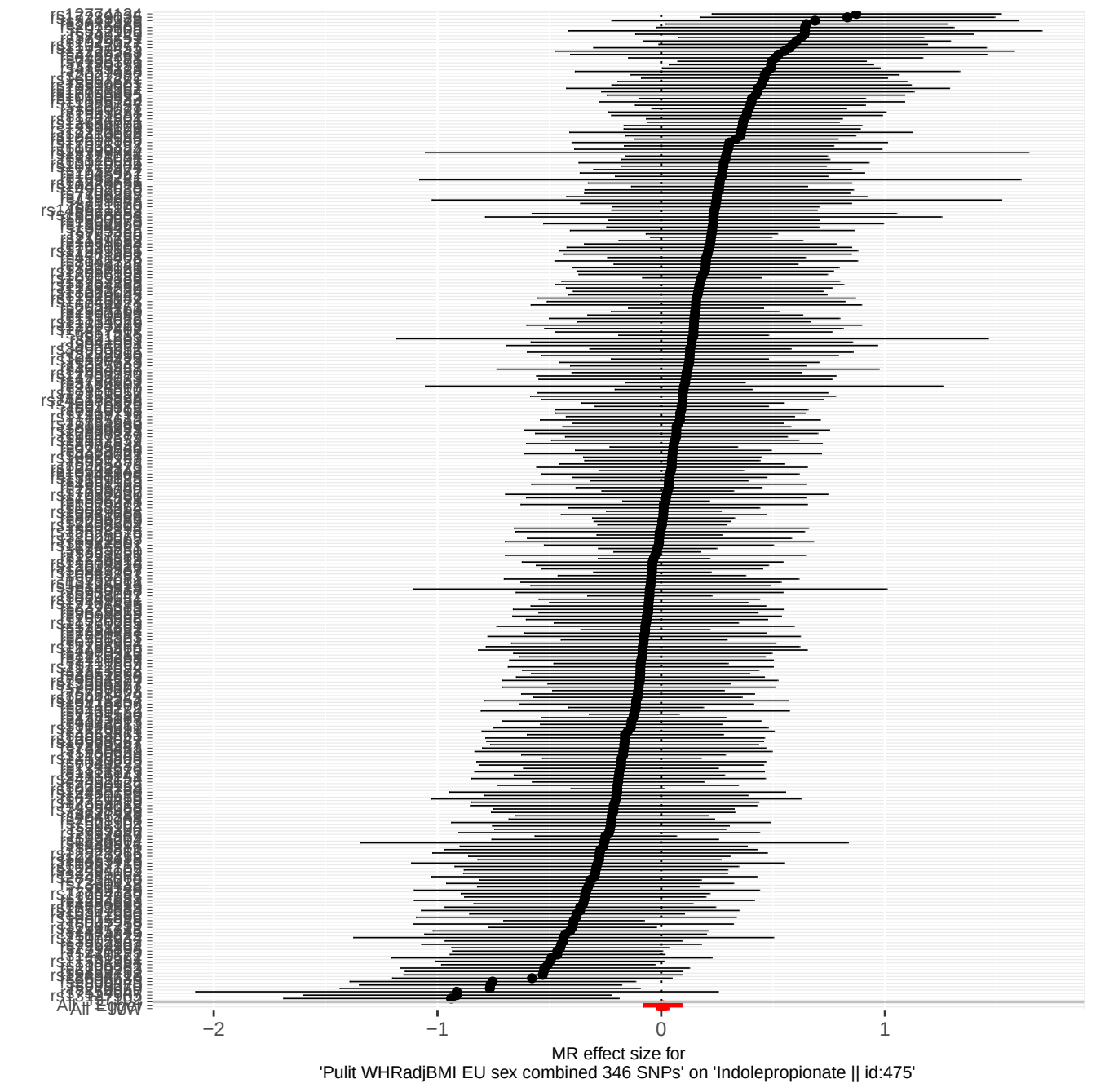

−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glycochenodeoxycholate || id:470'

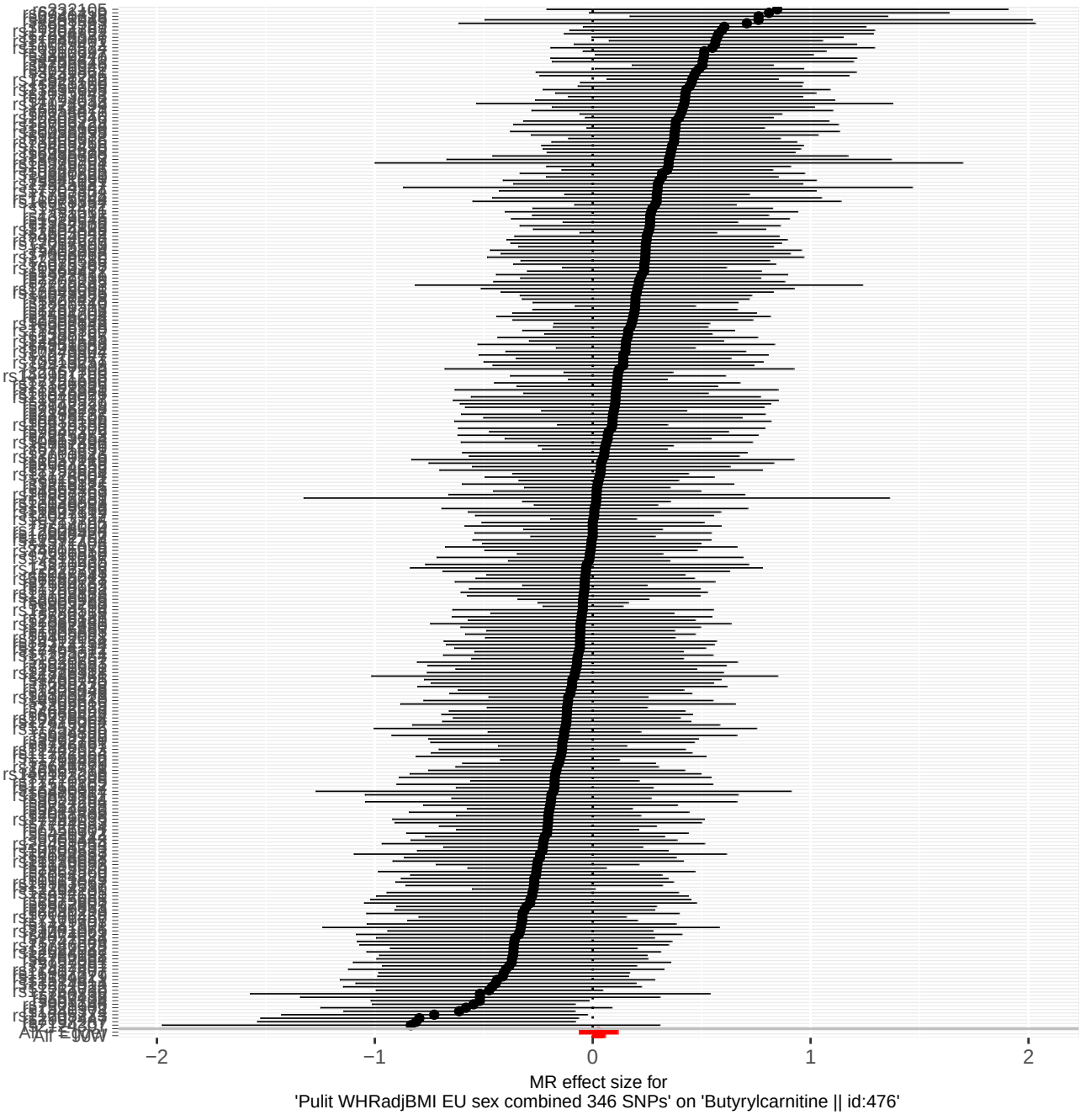

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−aminobutyrate || id:471'

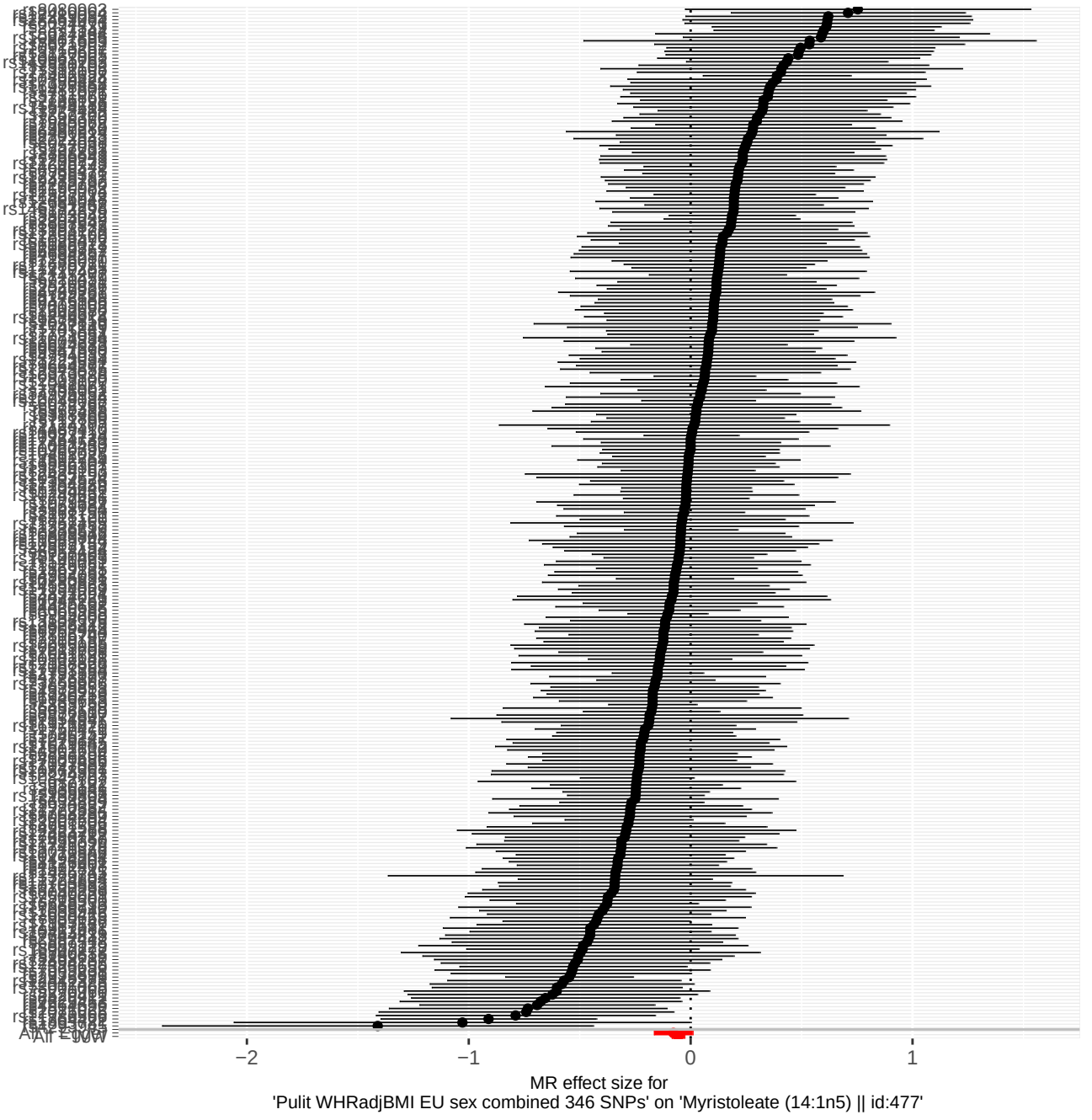

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Scyllo−inositol || id:472'

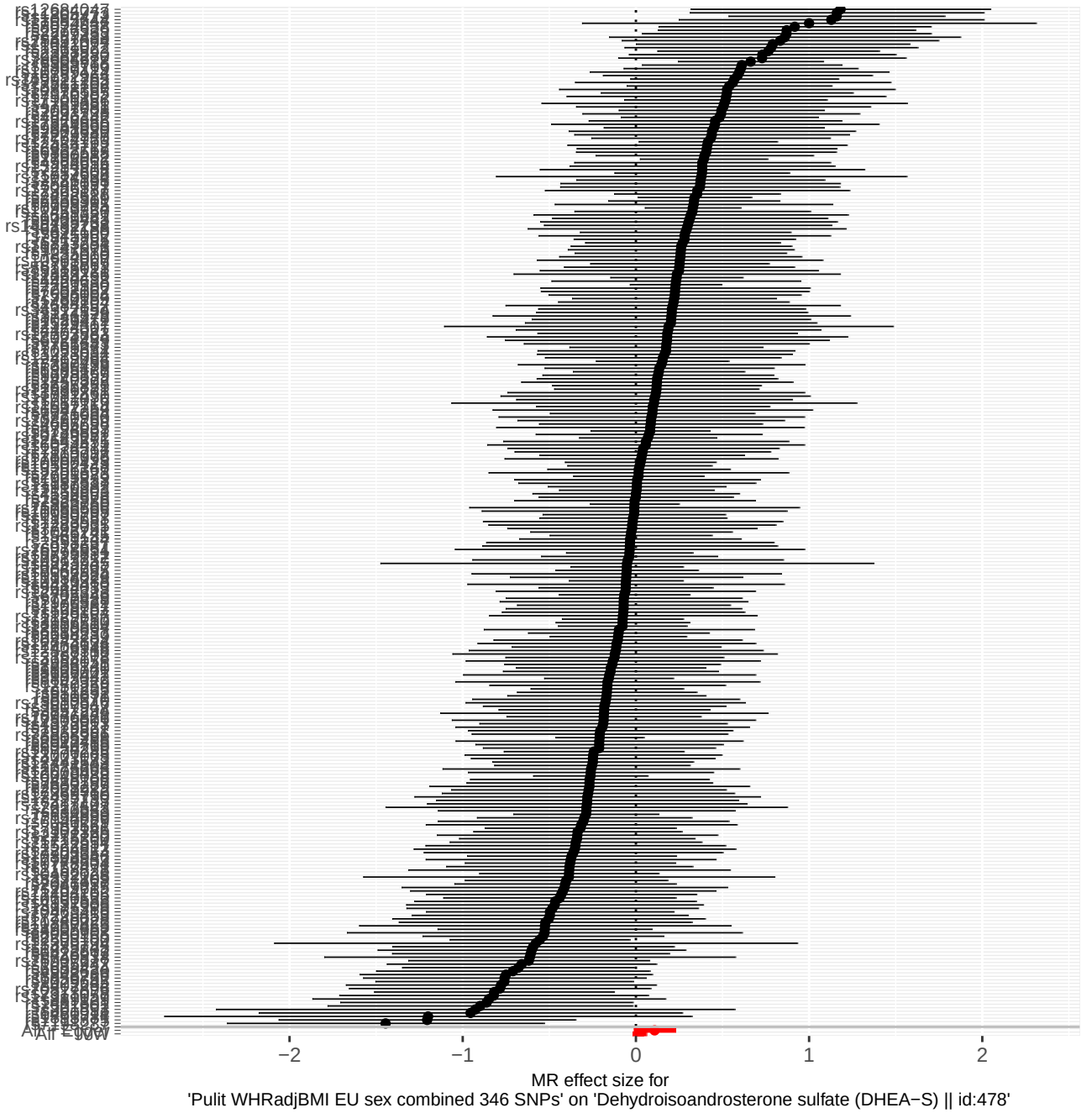

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Dodecanedioate || id:473'

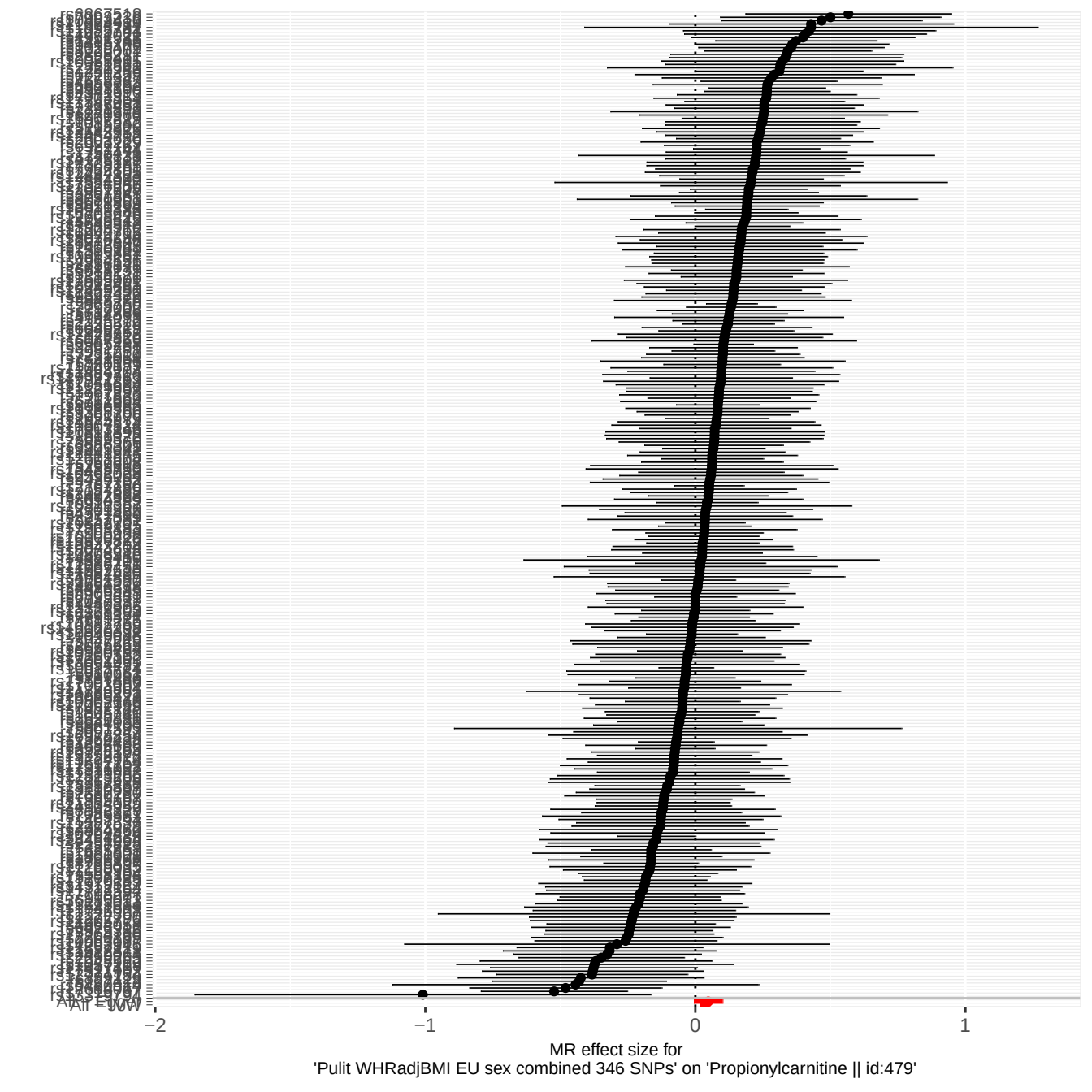

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−glutamylvaline || id:474'

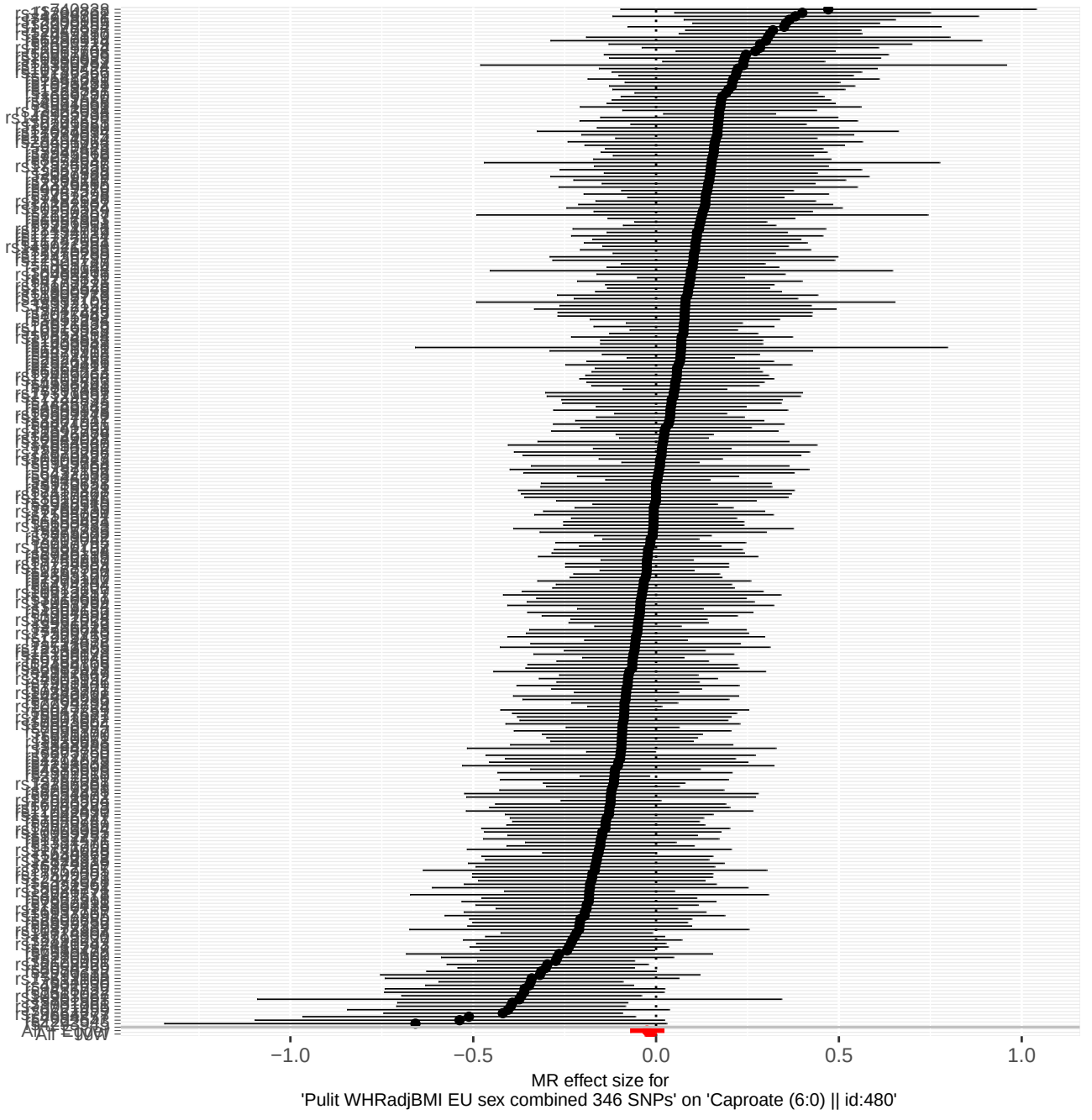

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Indolepropionate || id:475'

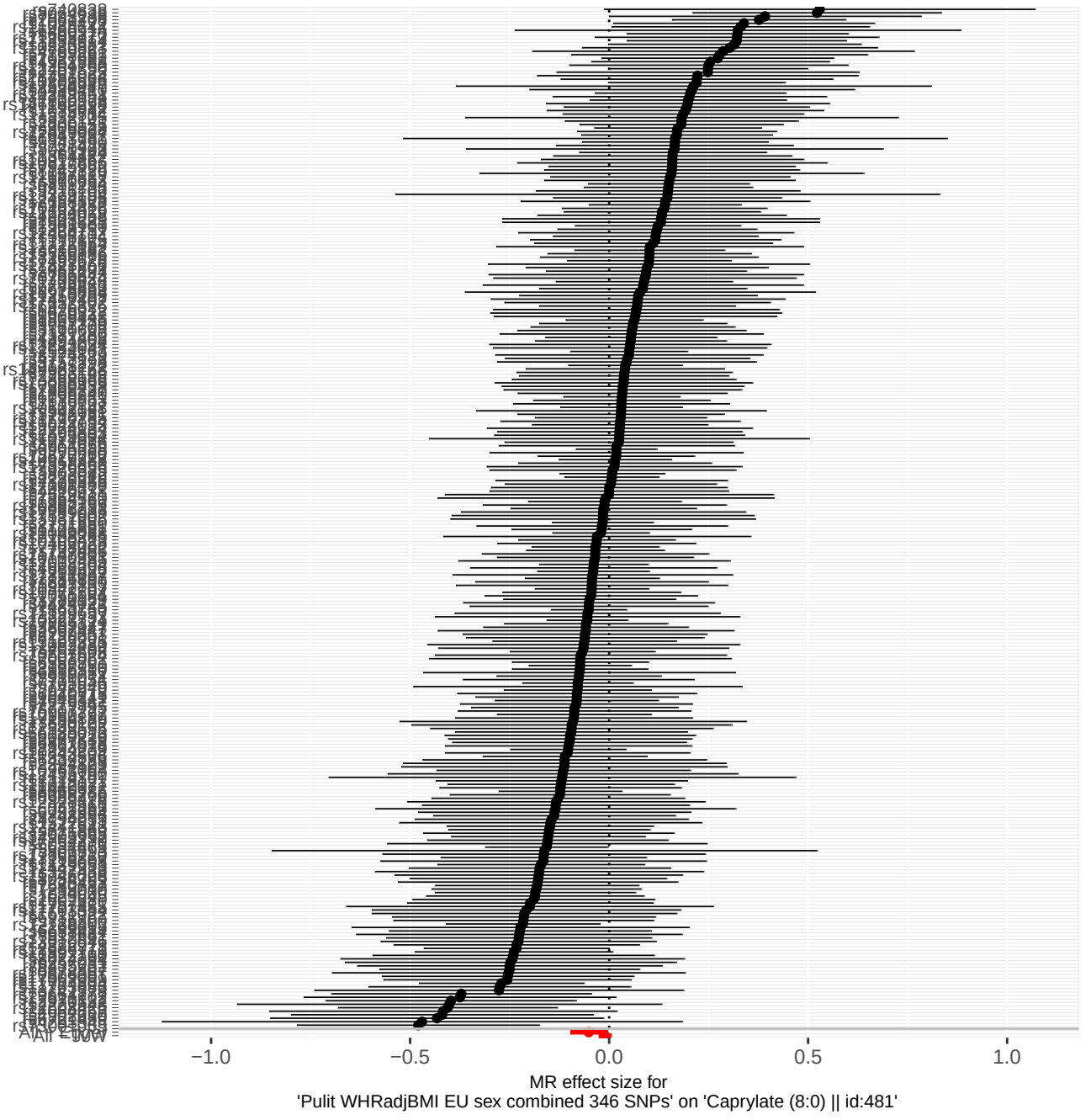

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Butyrylcarnitine || id:476'

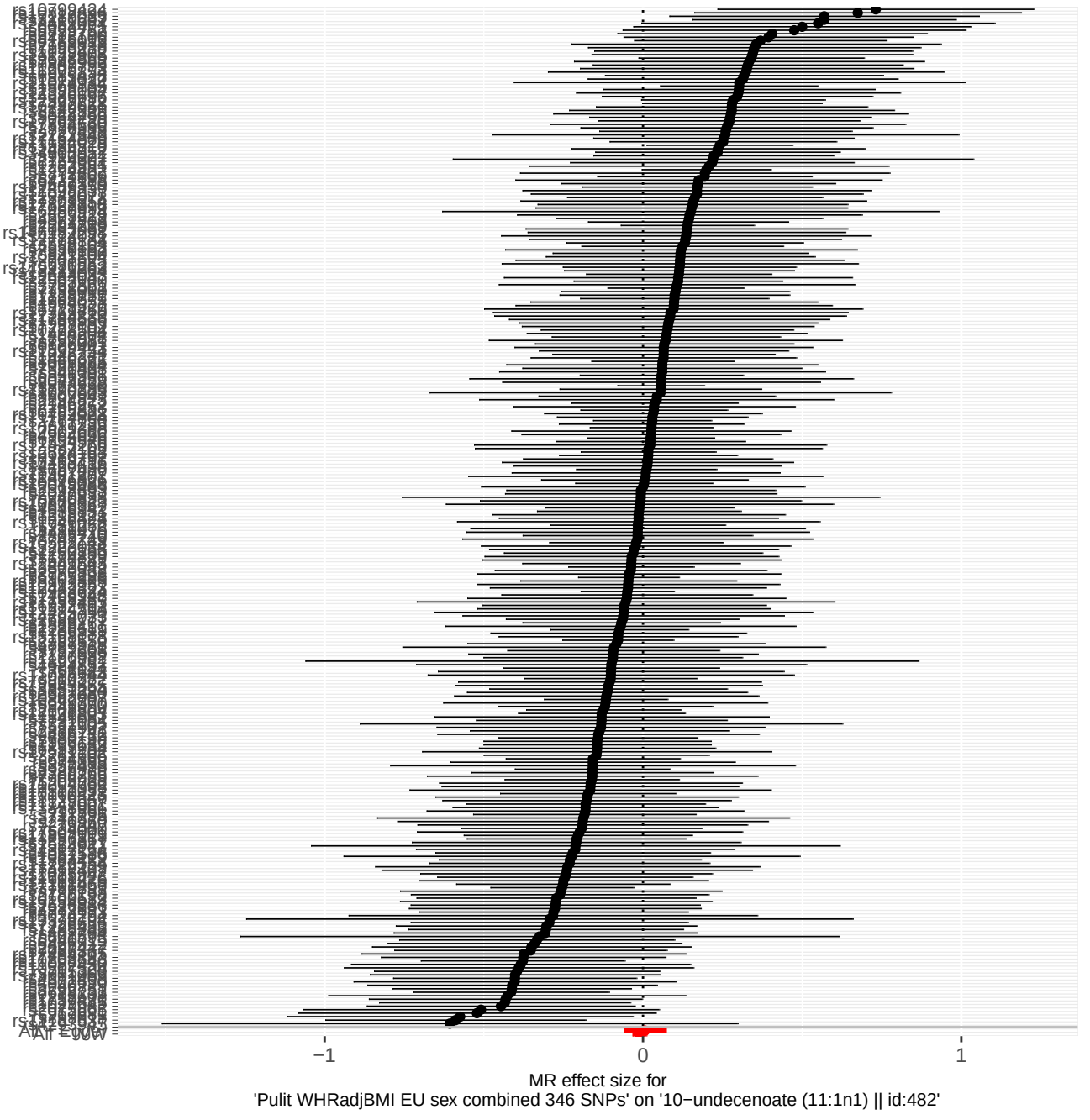

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Myristoleate (14:1n5) || id:477'

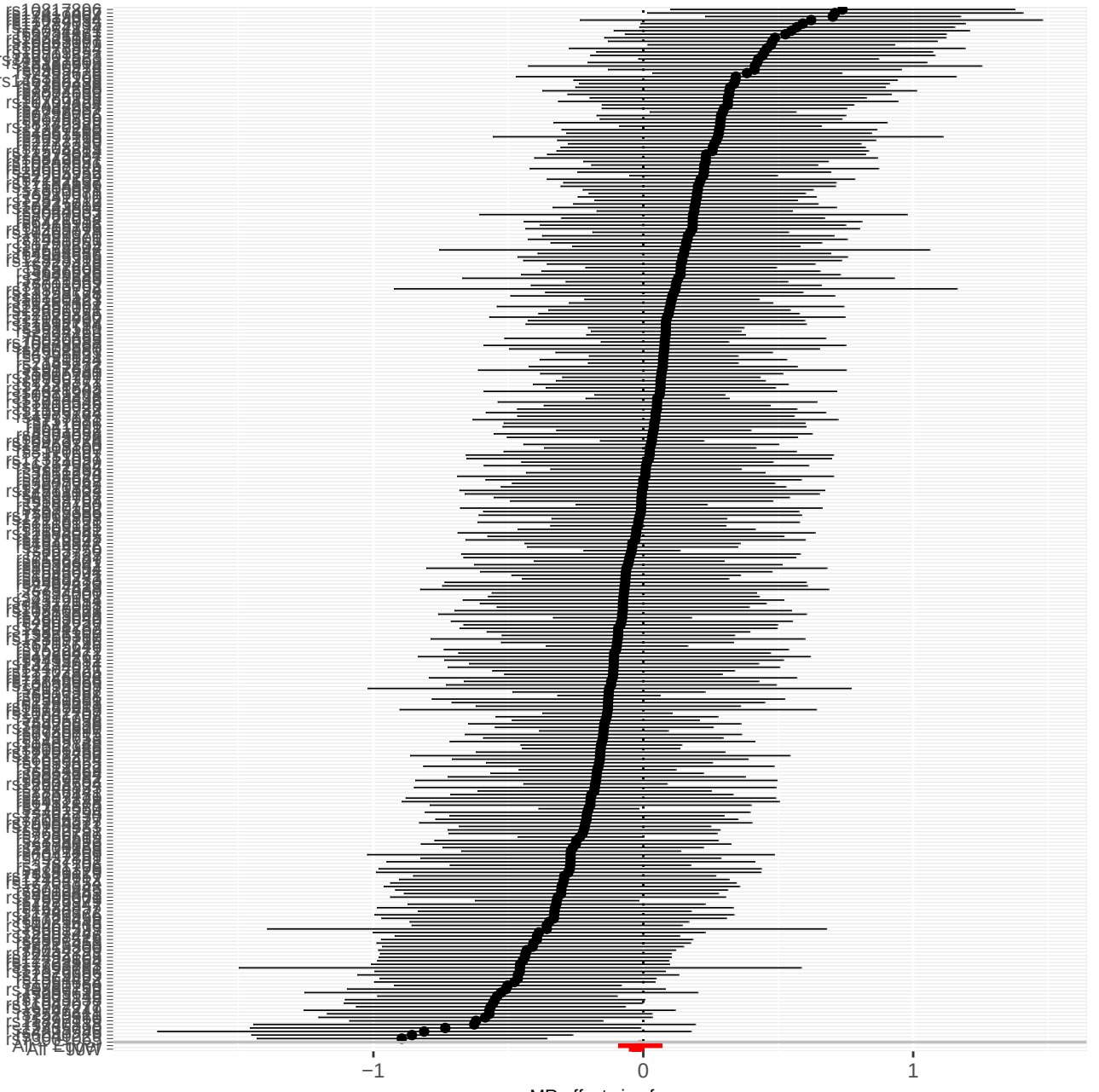

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Dehydroisoandrosterone sulfate (DHEA−S) || id:478'

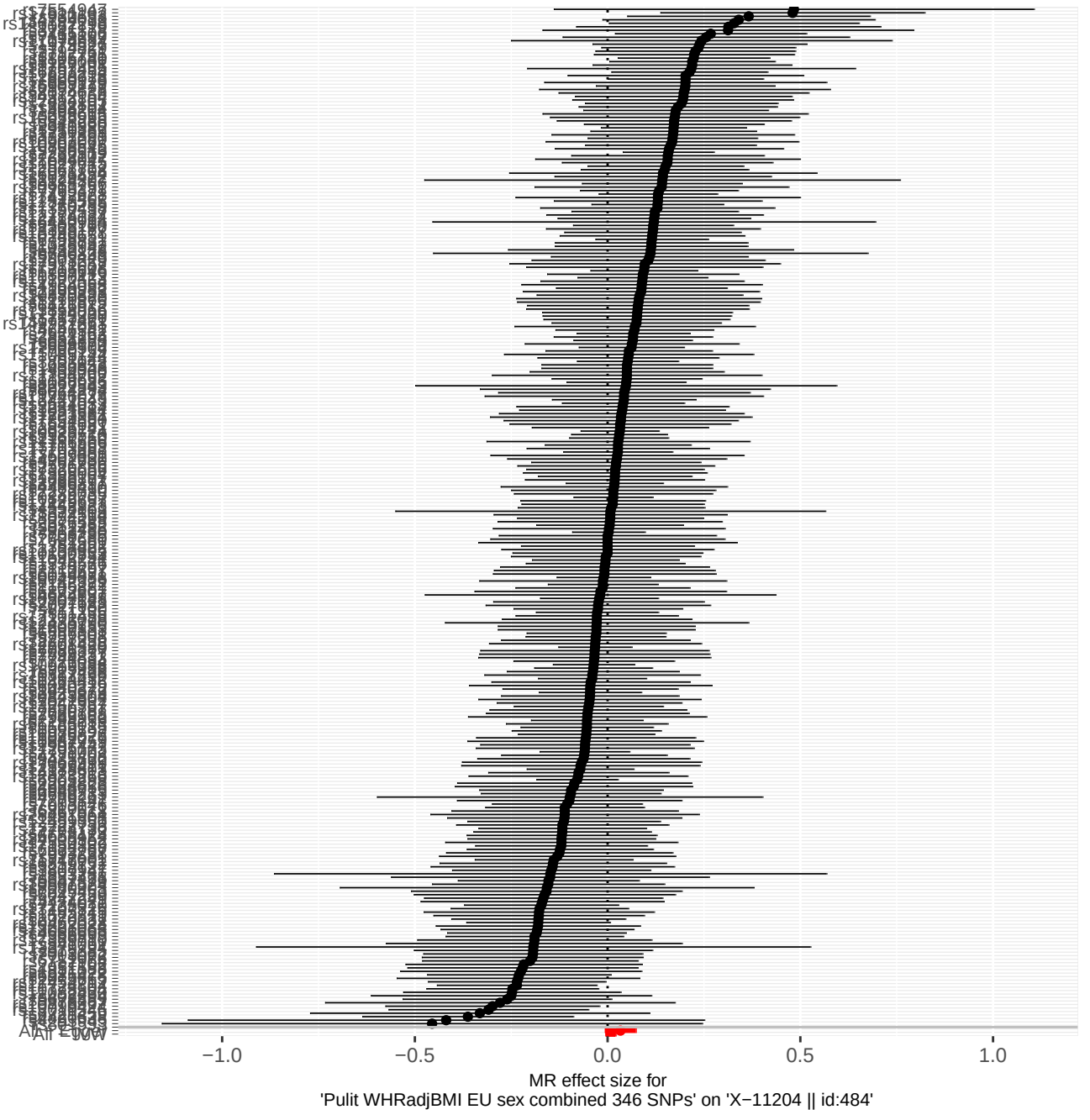

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Propionylcarnitine || id:479'

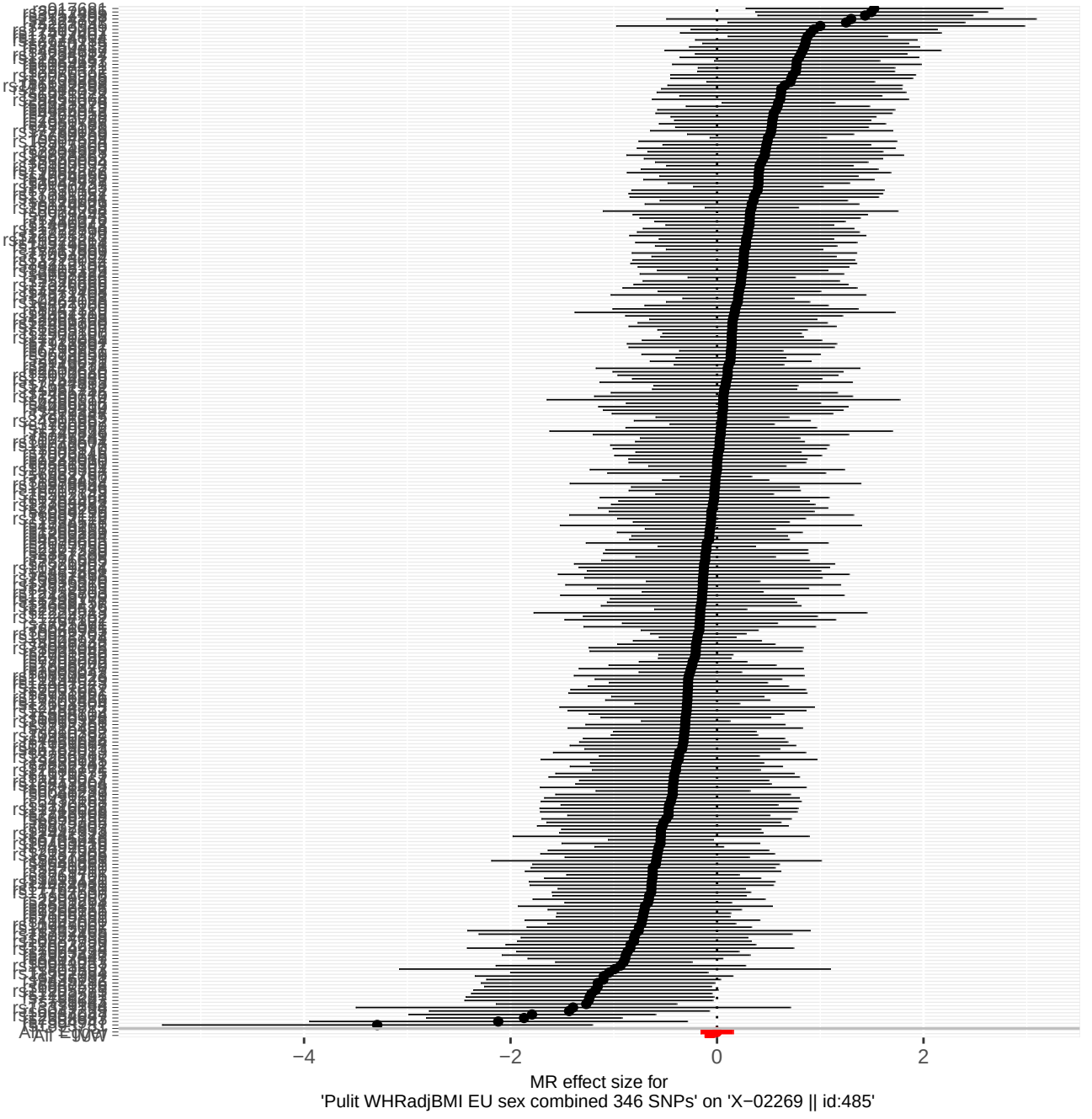

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Caproate (6:0) || id:480'

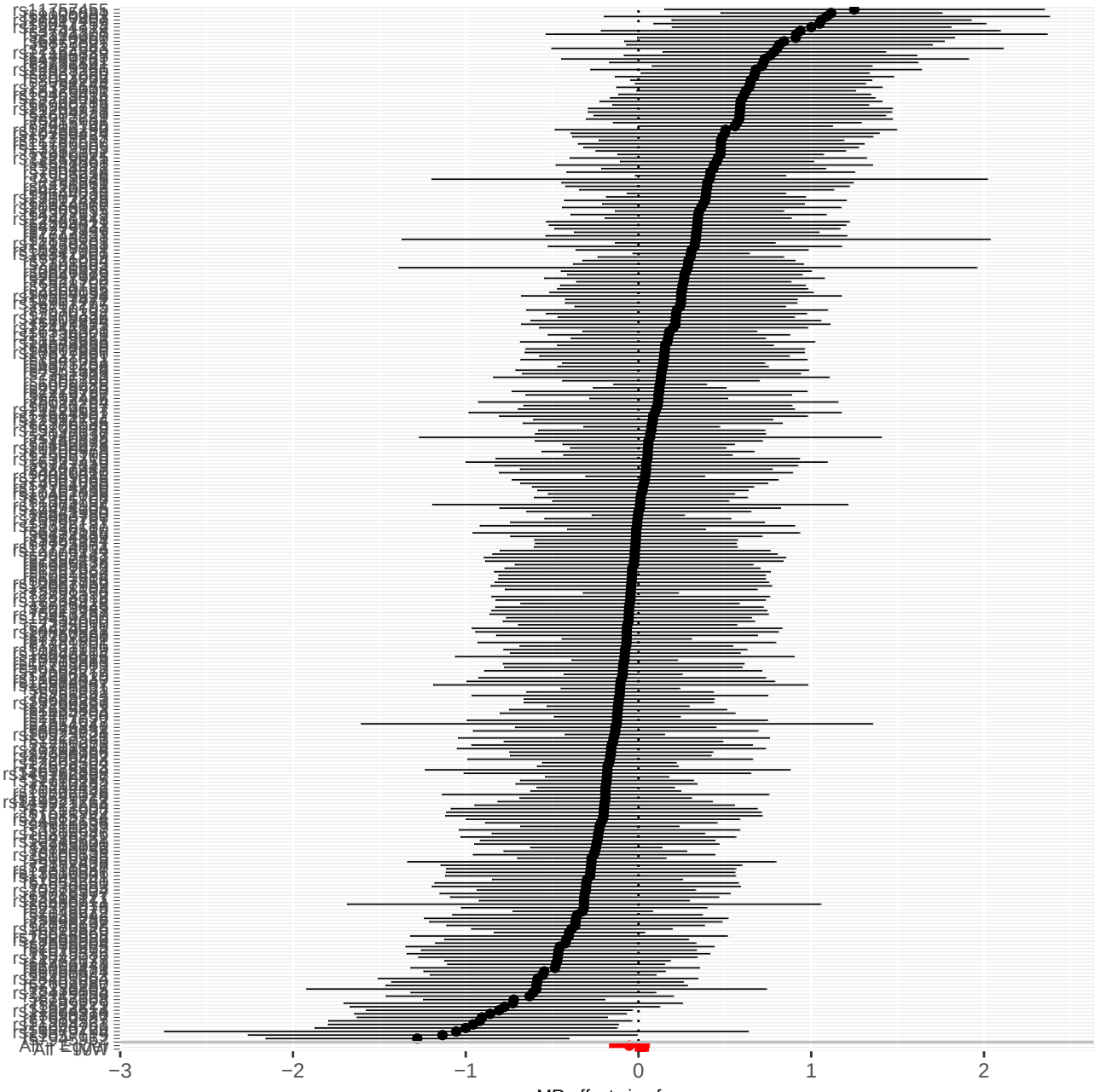

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Caprylate (8:0) || id:481'

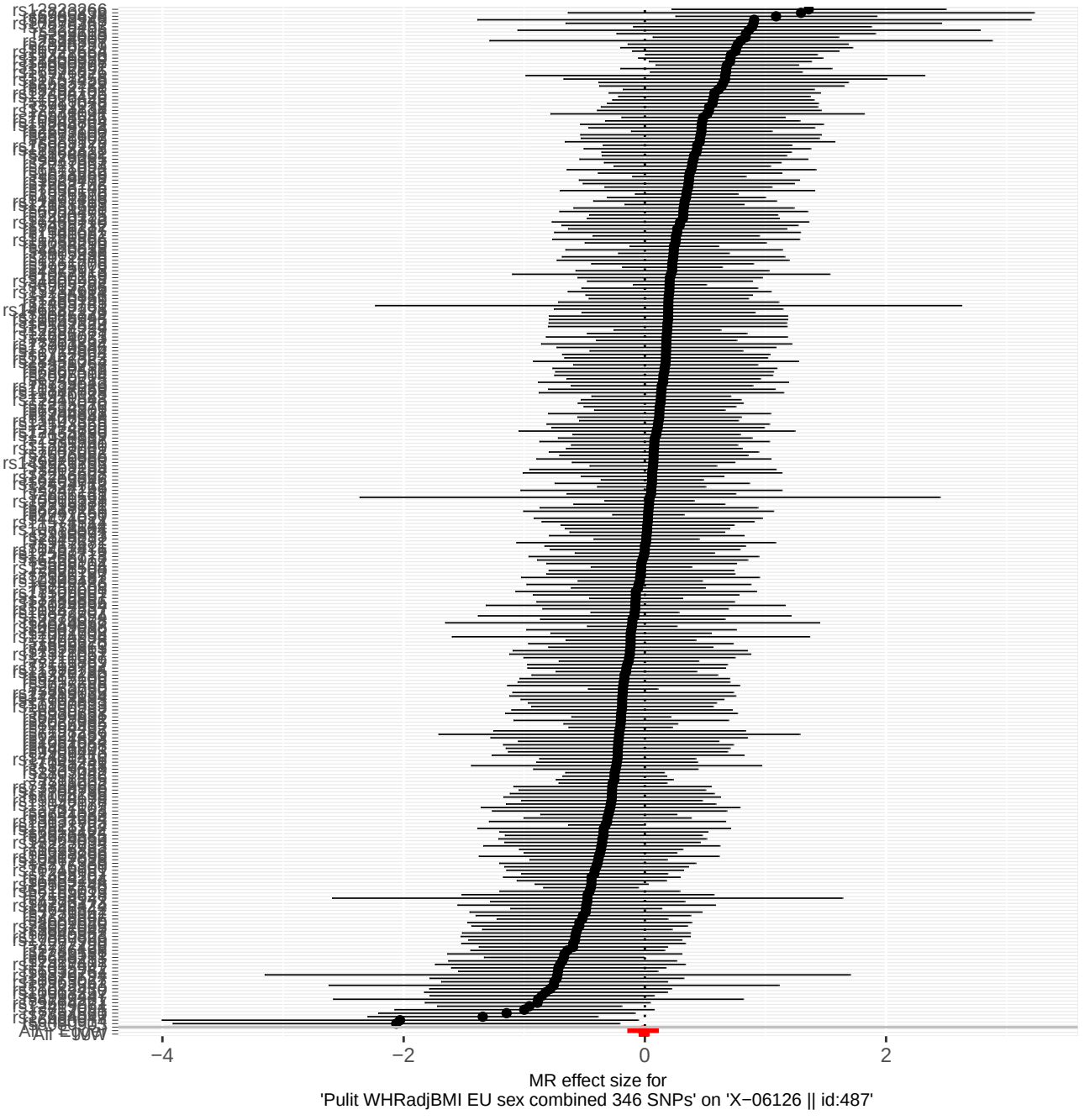

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '10−undecenoate (11:1n1) || id:482'

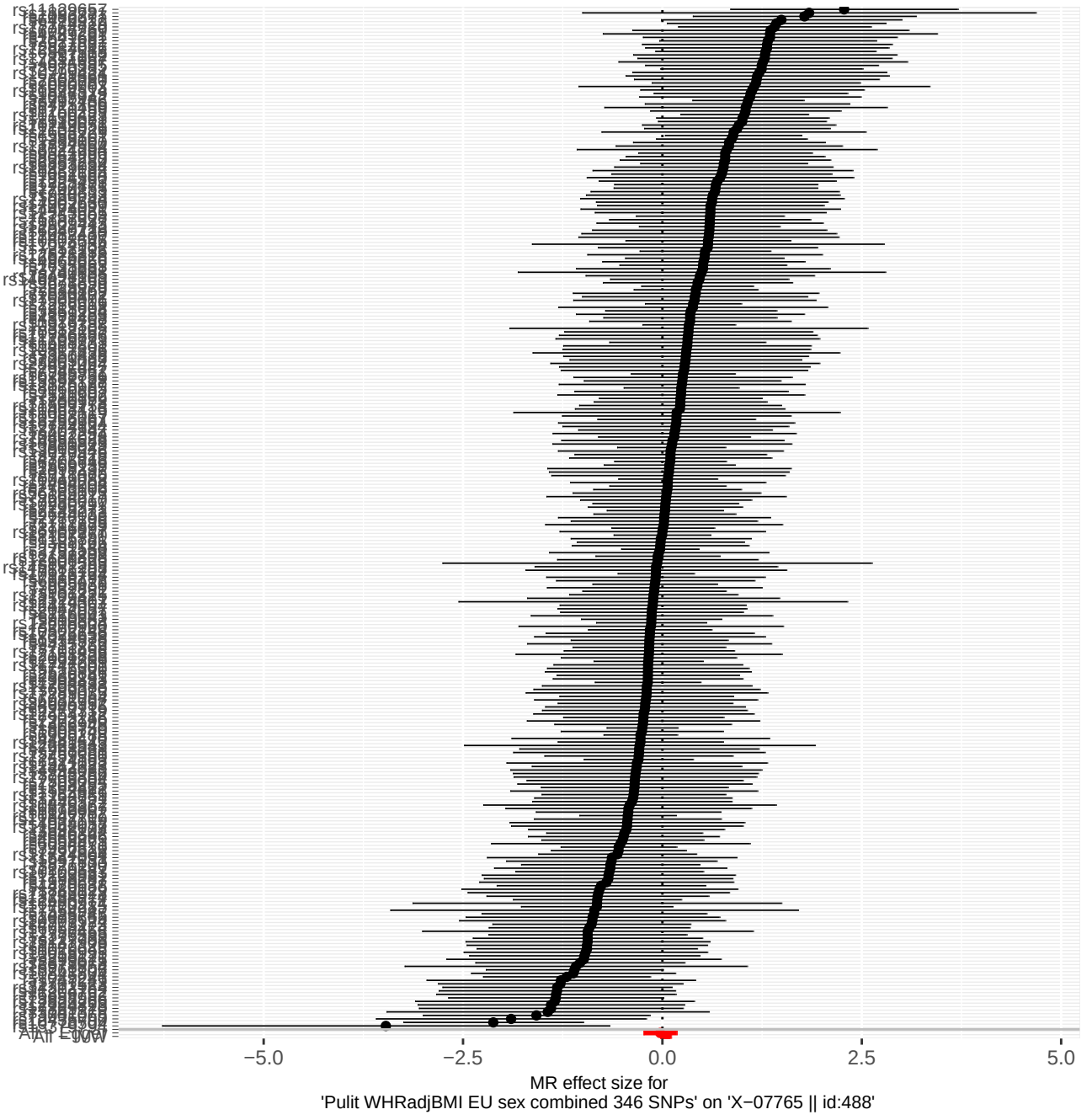

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Docosapentaenoate (n3 DPA; 22:5n3) || id:483'

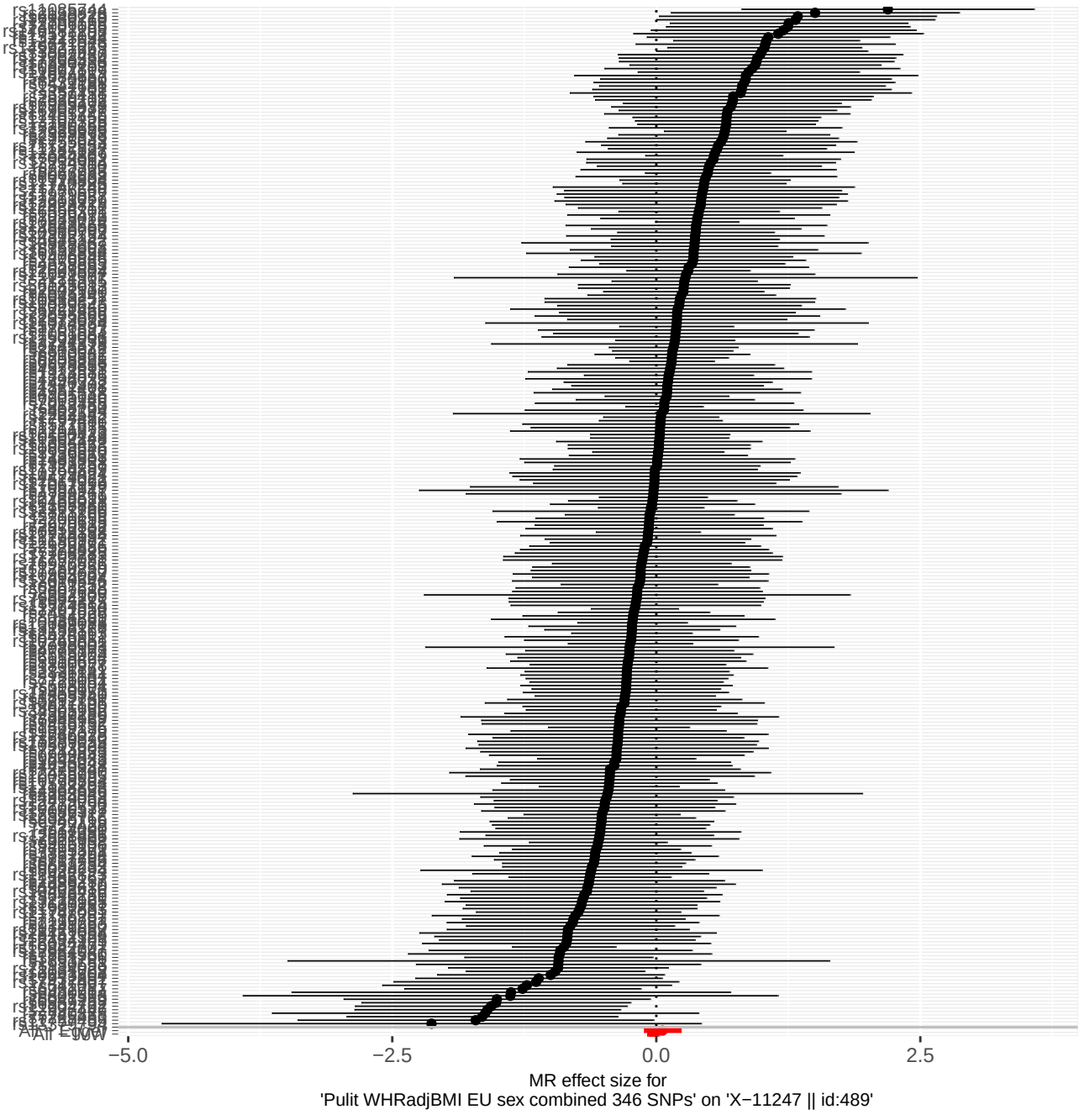

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11204 || id:484'

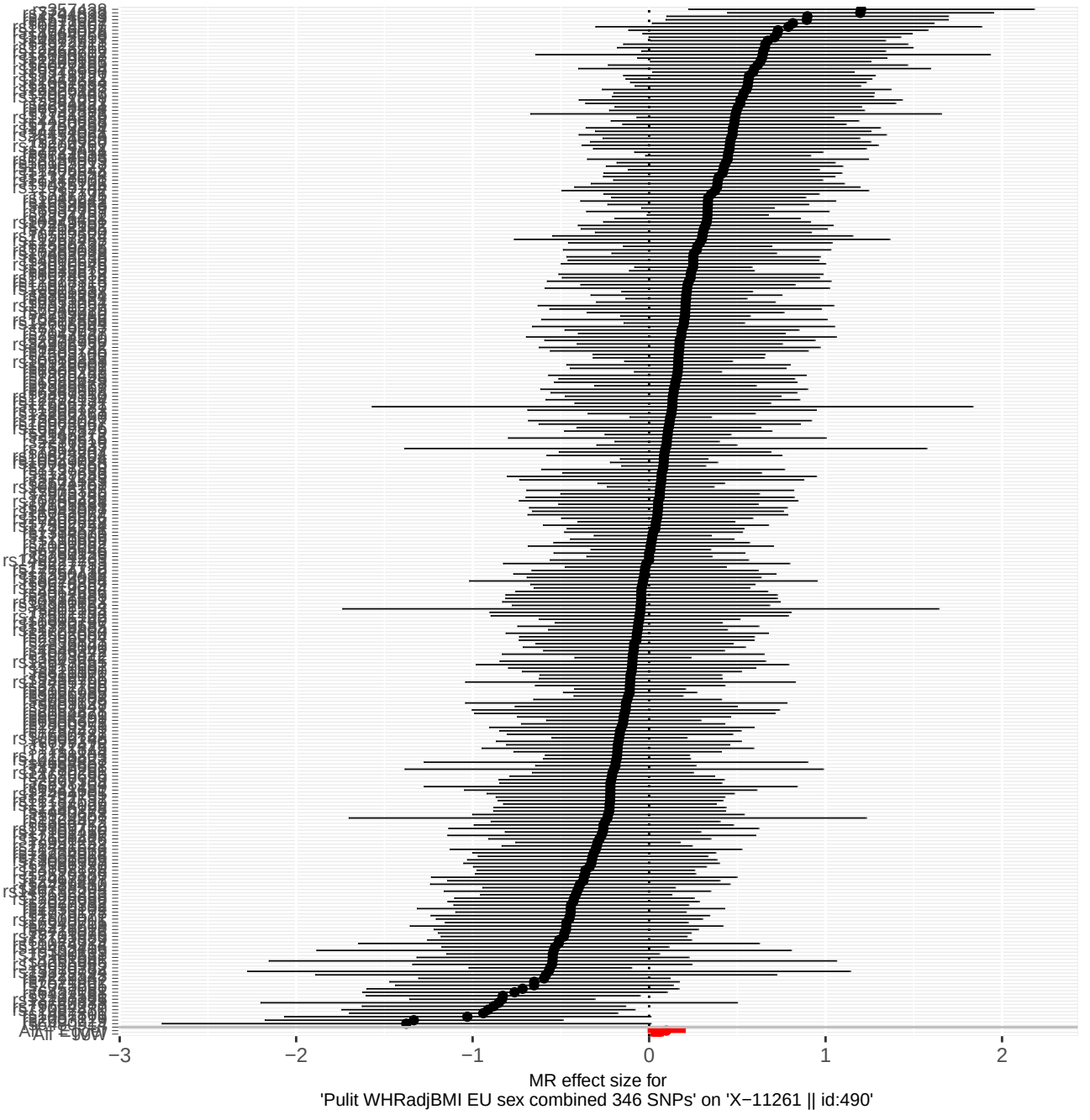

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−02269 || id:485'

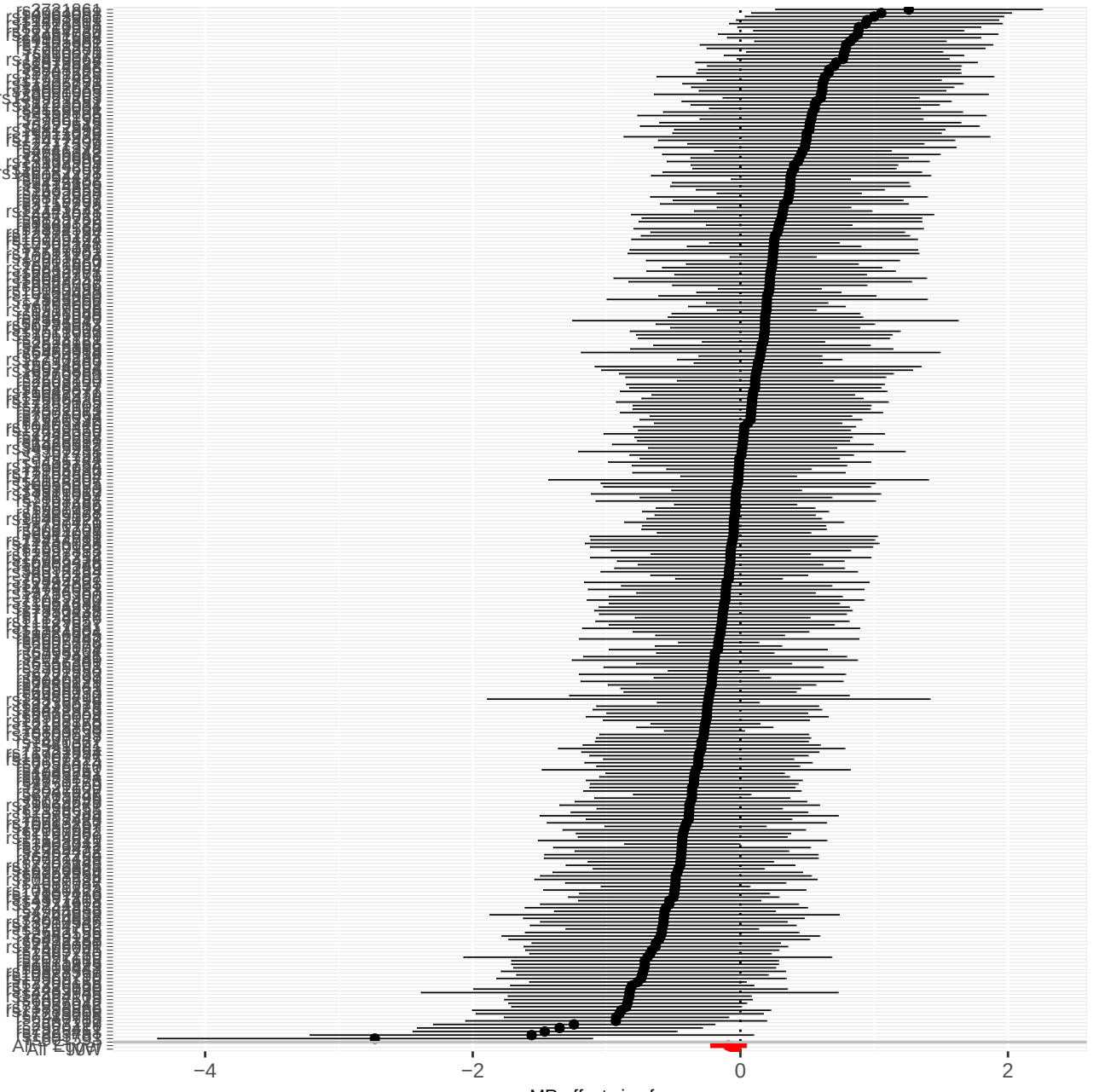

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Phenol sulfate || id:486'

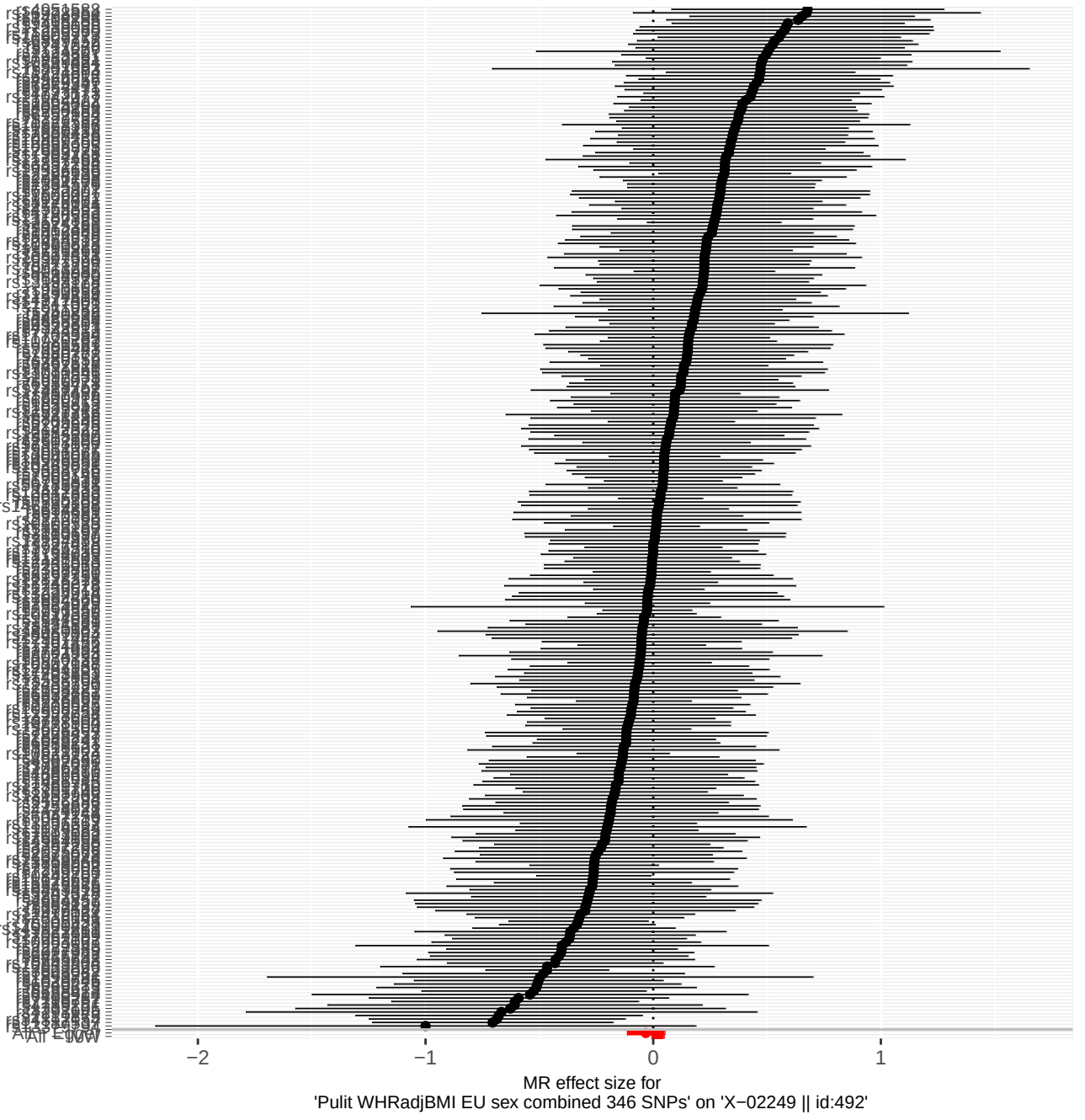

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−06126 || id:487'

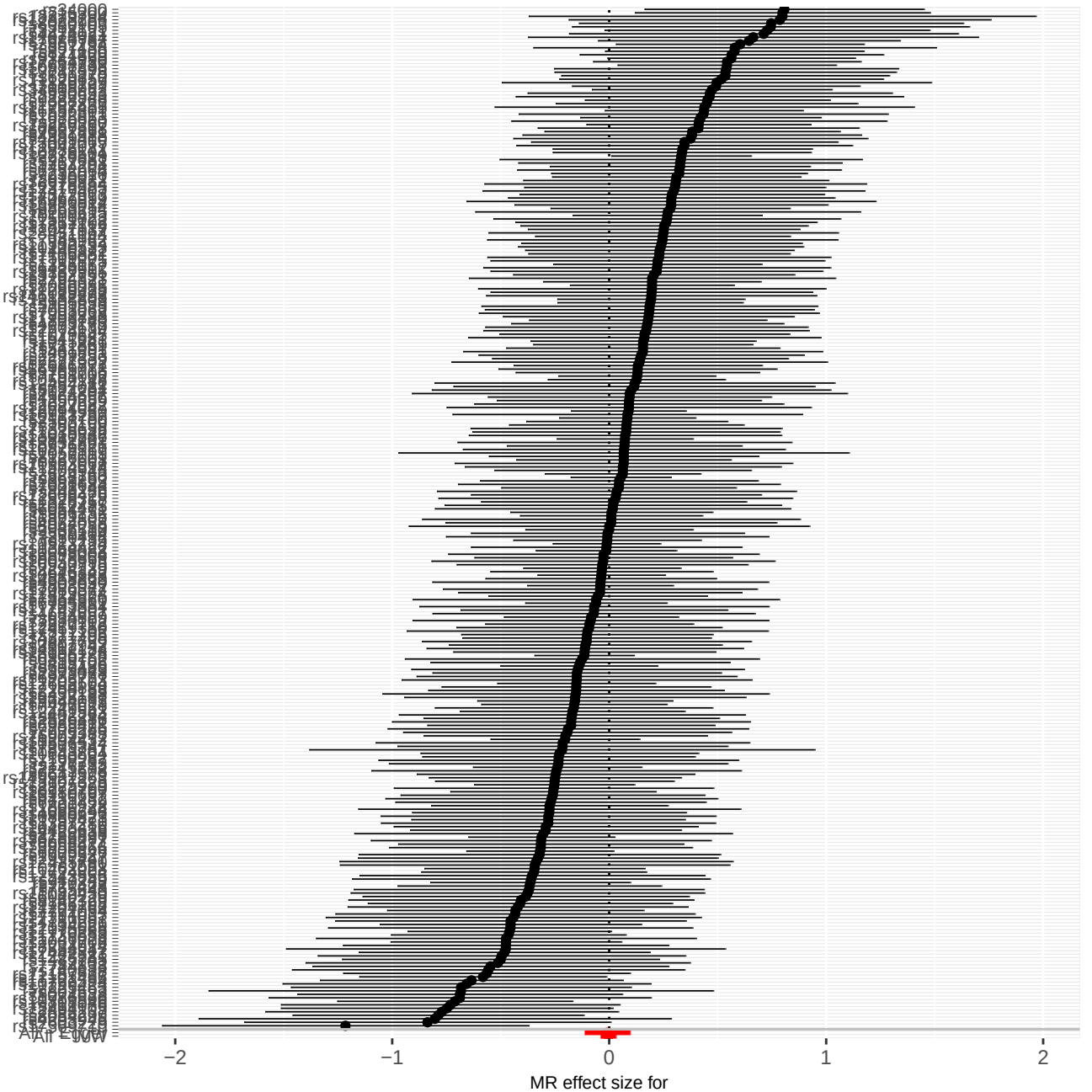

−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−07765 || id:488'

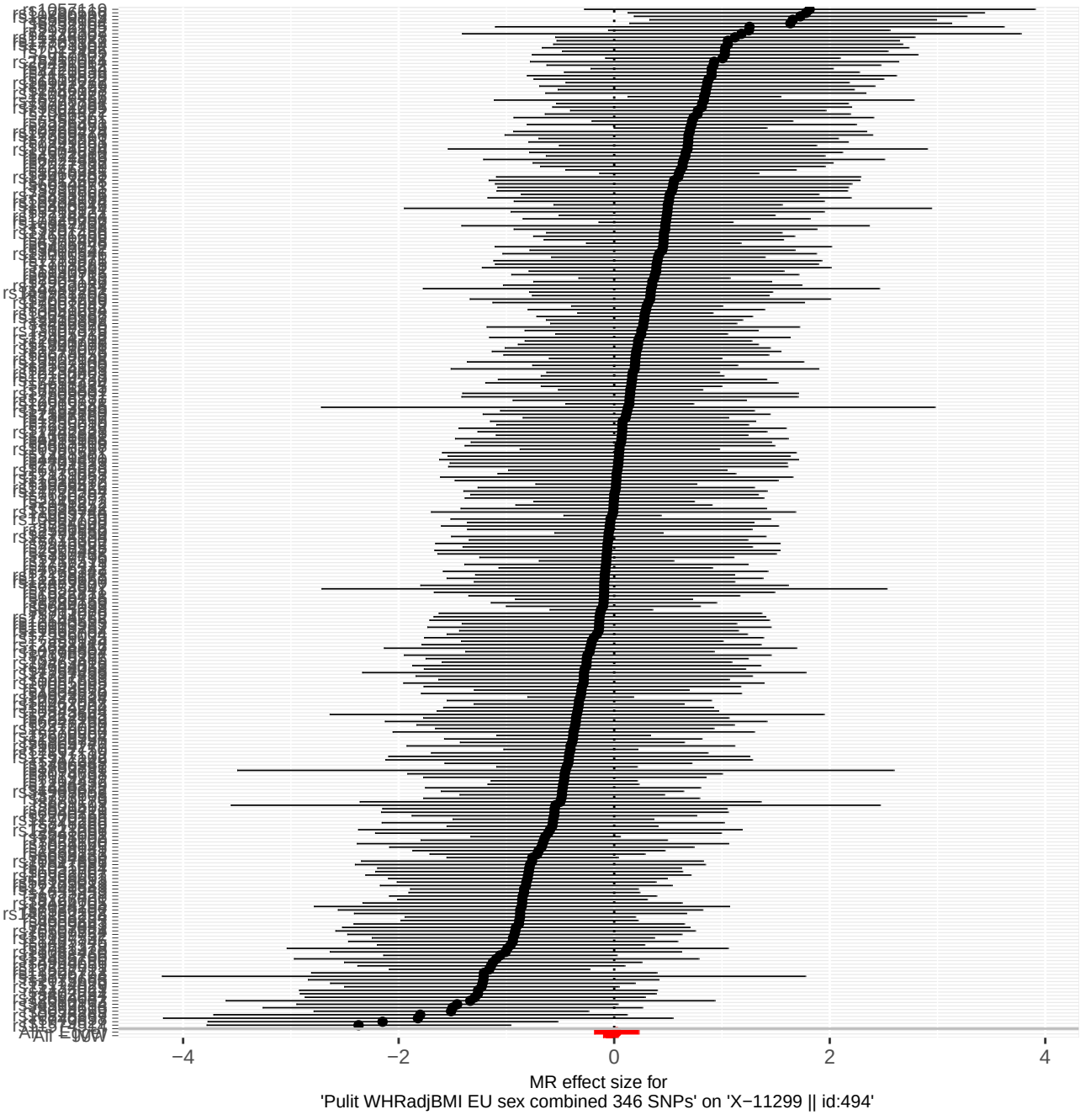

−5.0
−2.5
0.0
2.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11247 || id:489'

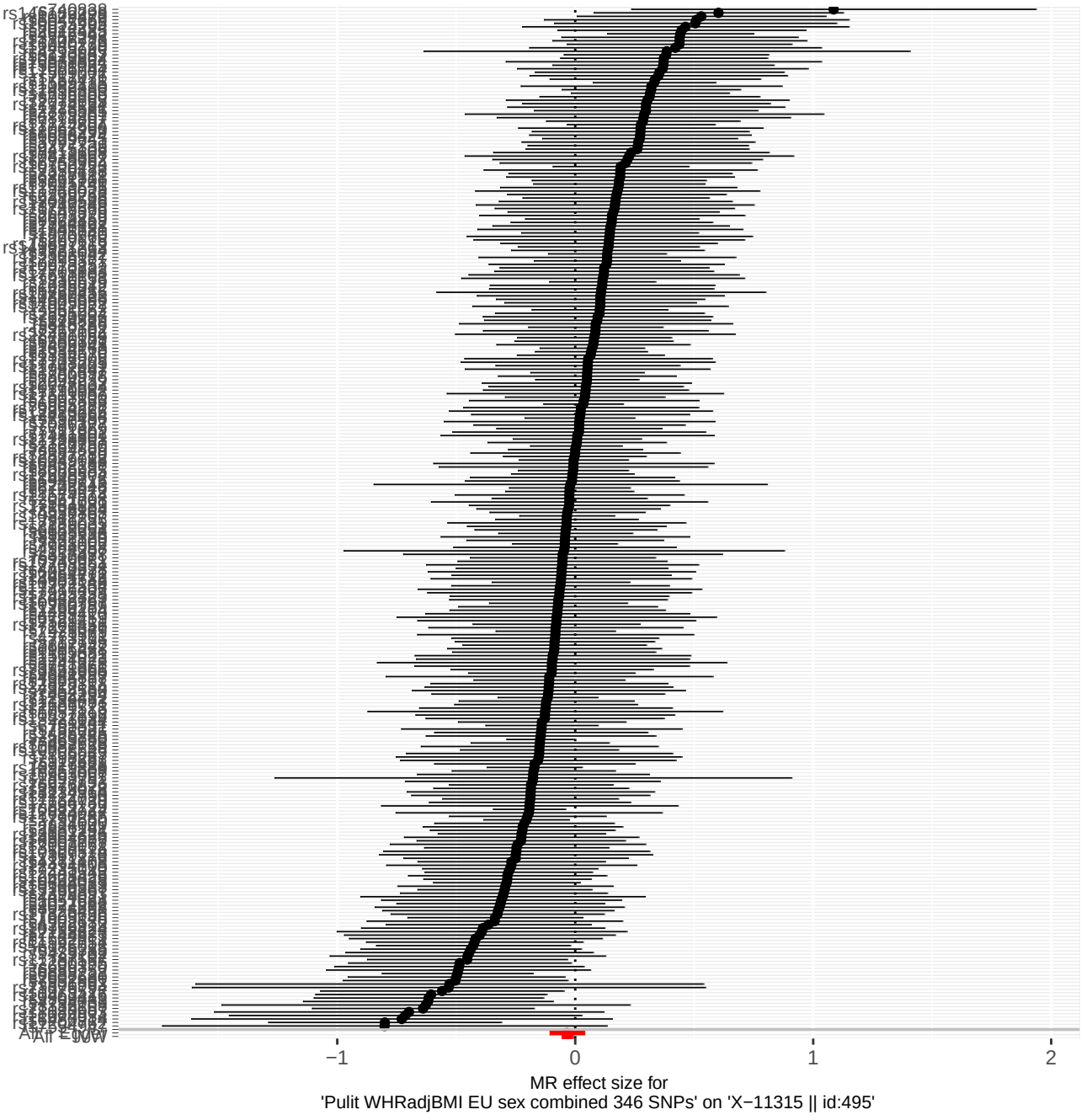

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11261 || id:490'

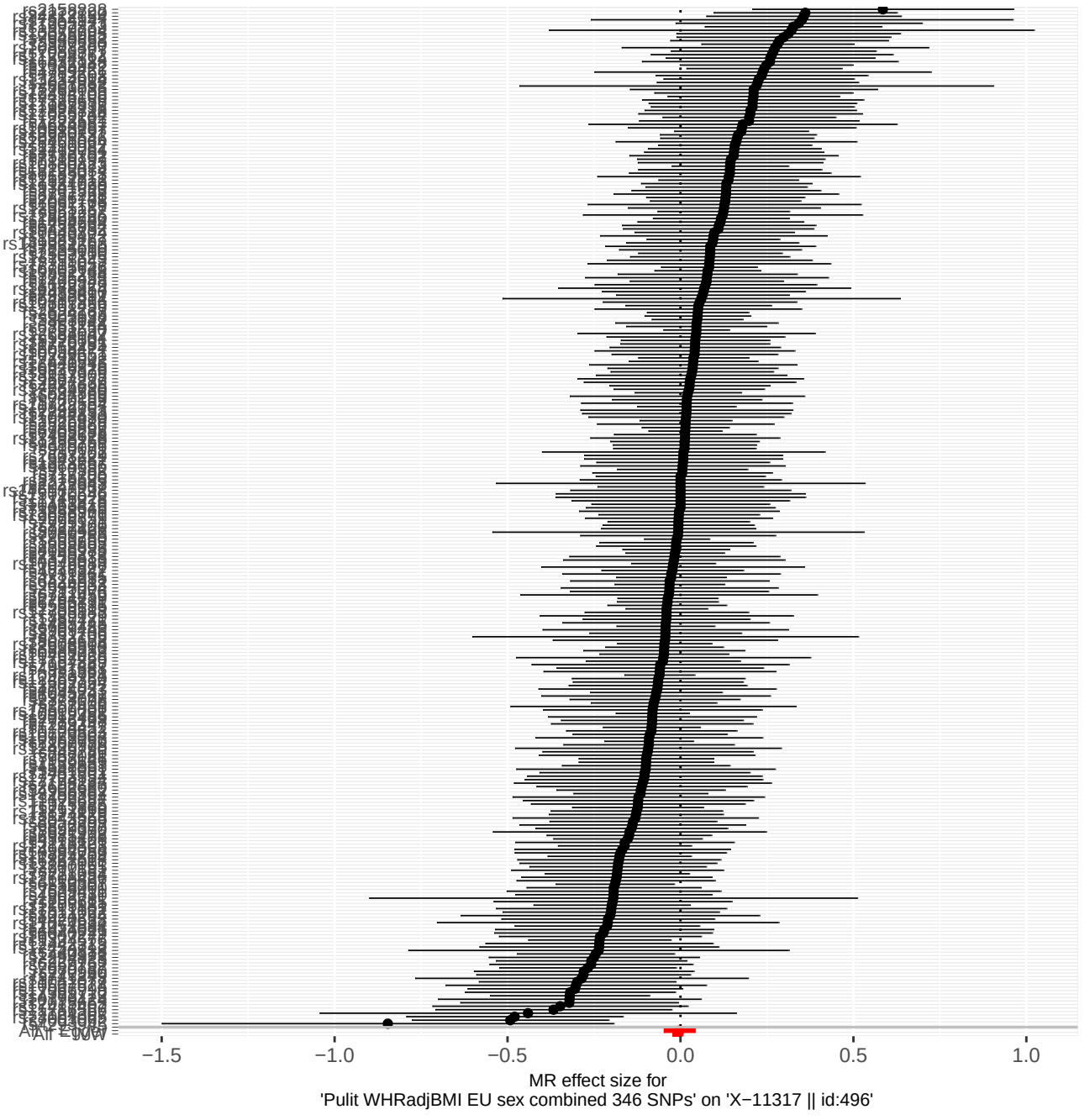

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Bilirubin (E,E)* || id:491'

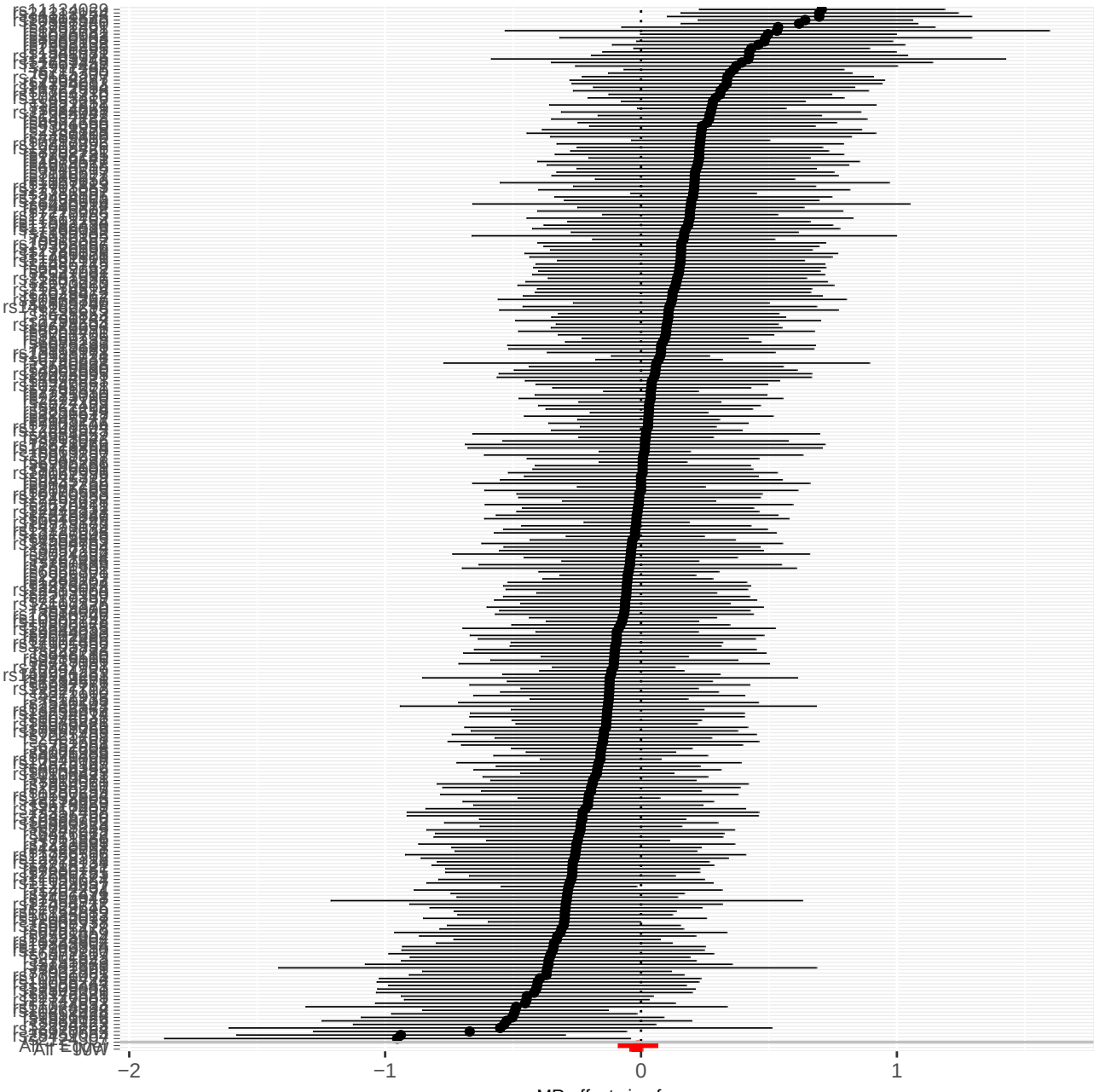

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−02249 || id:492'

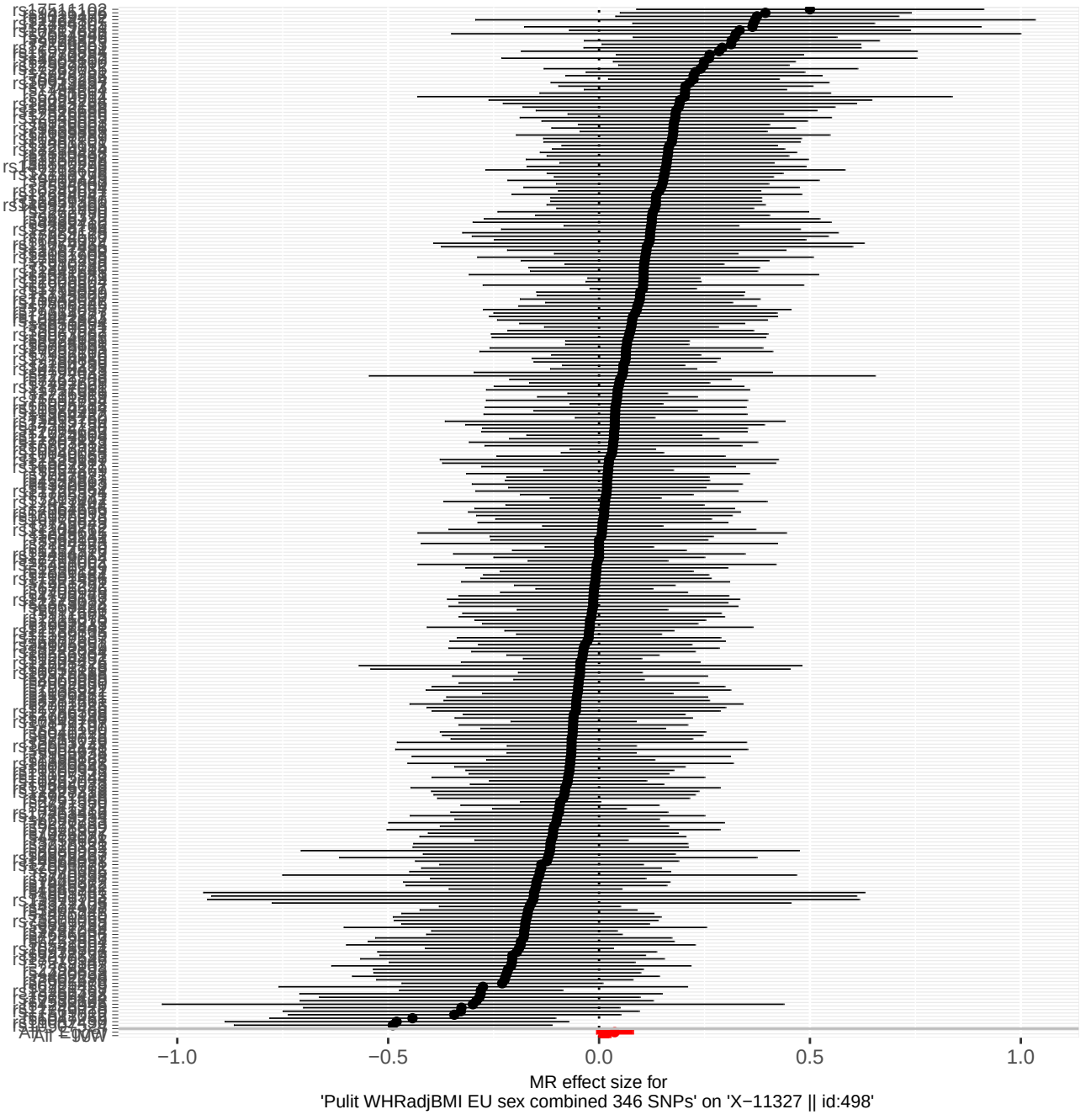

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Heme* || id:493'

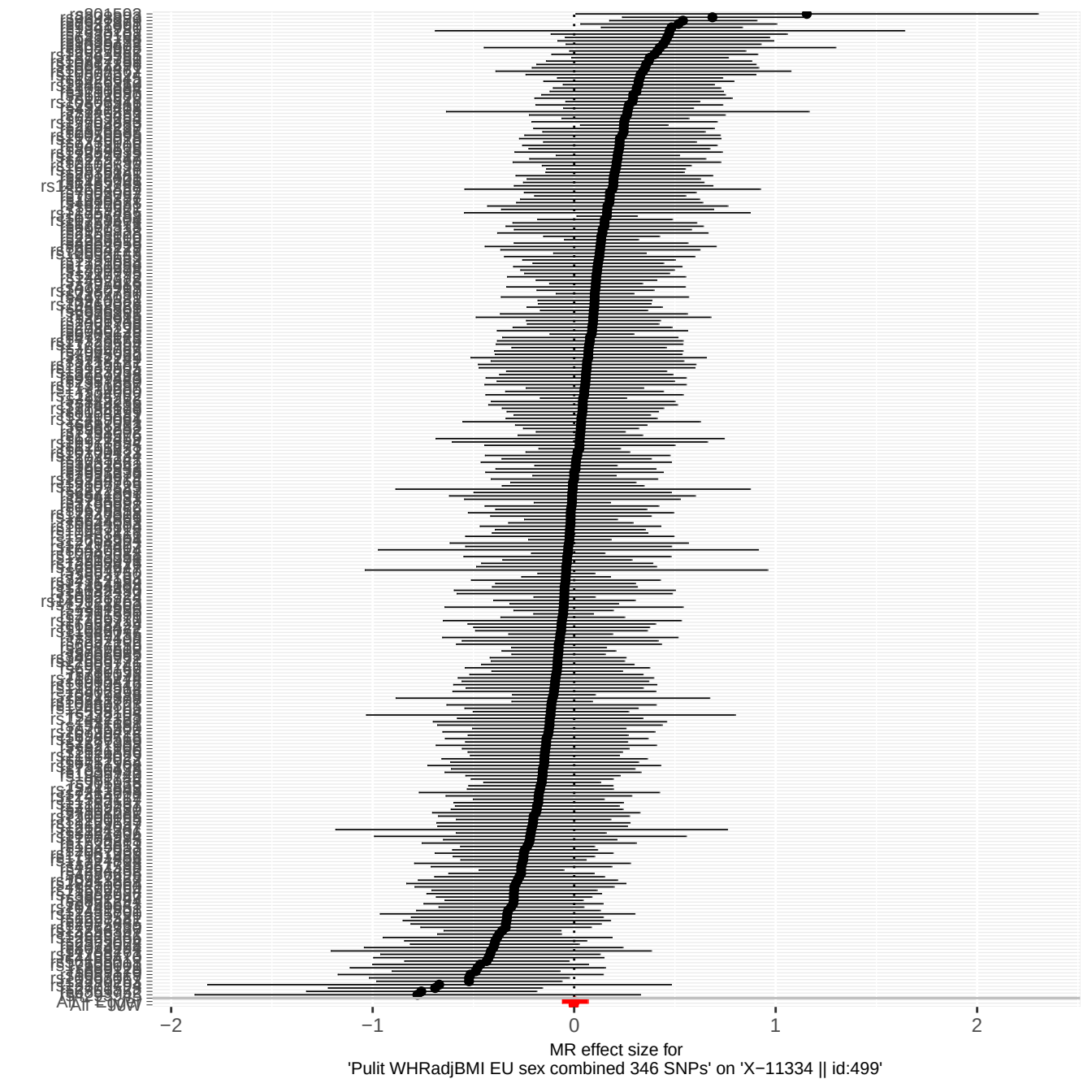

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11299 || id:494'

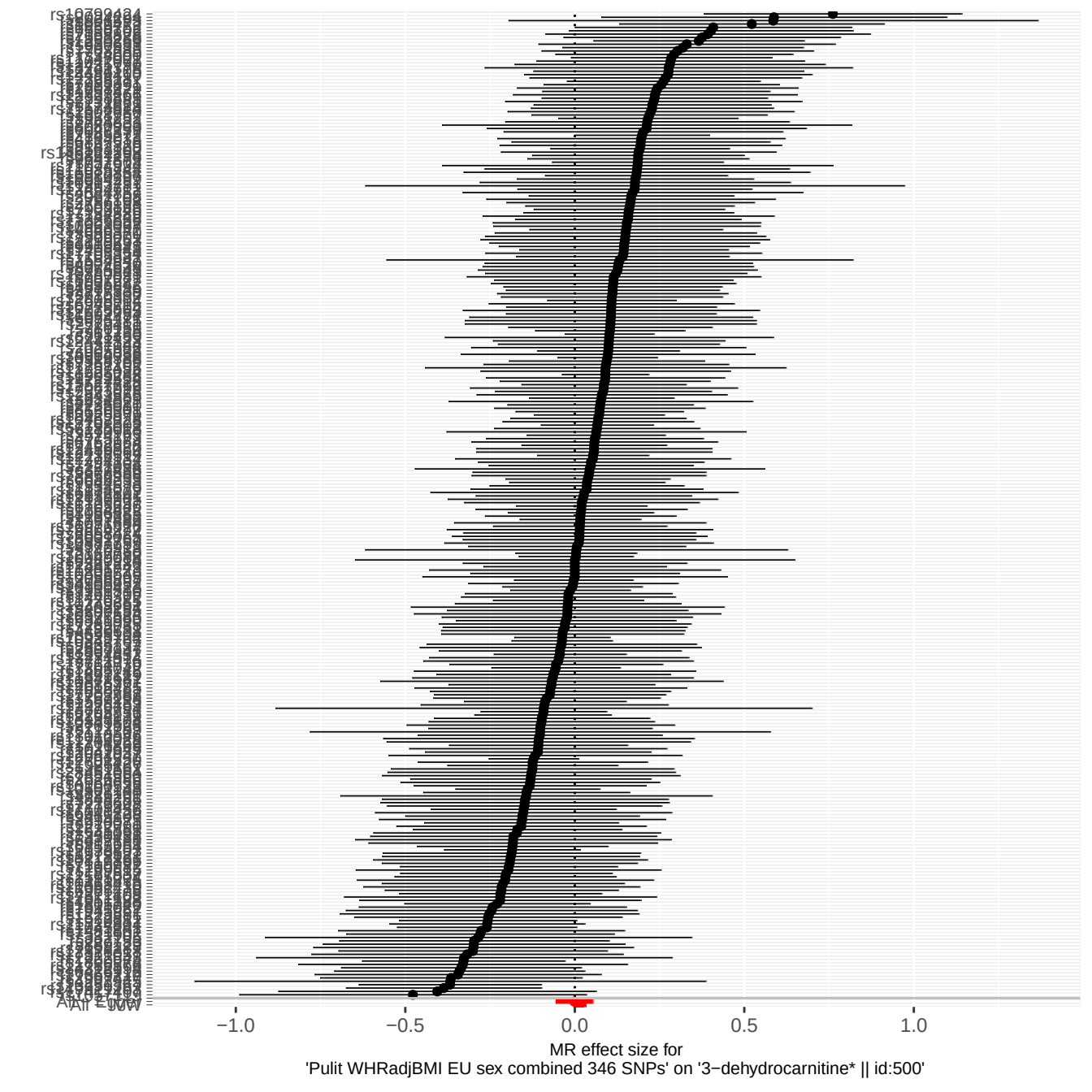

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11315 || id:495'

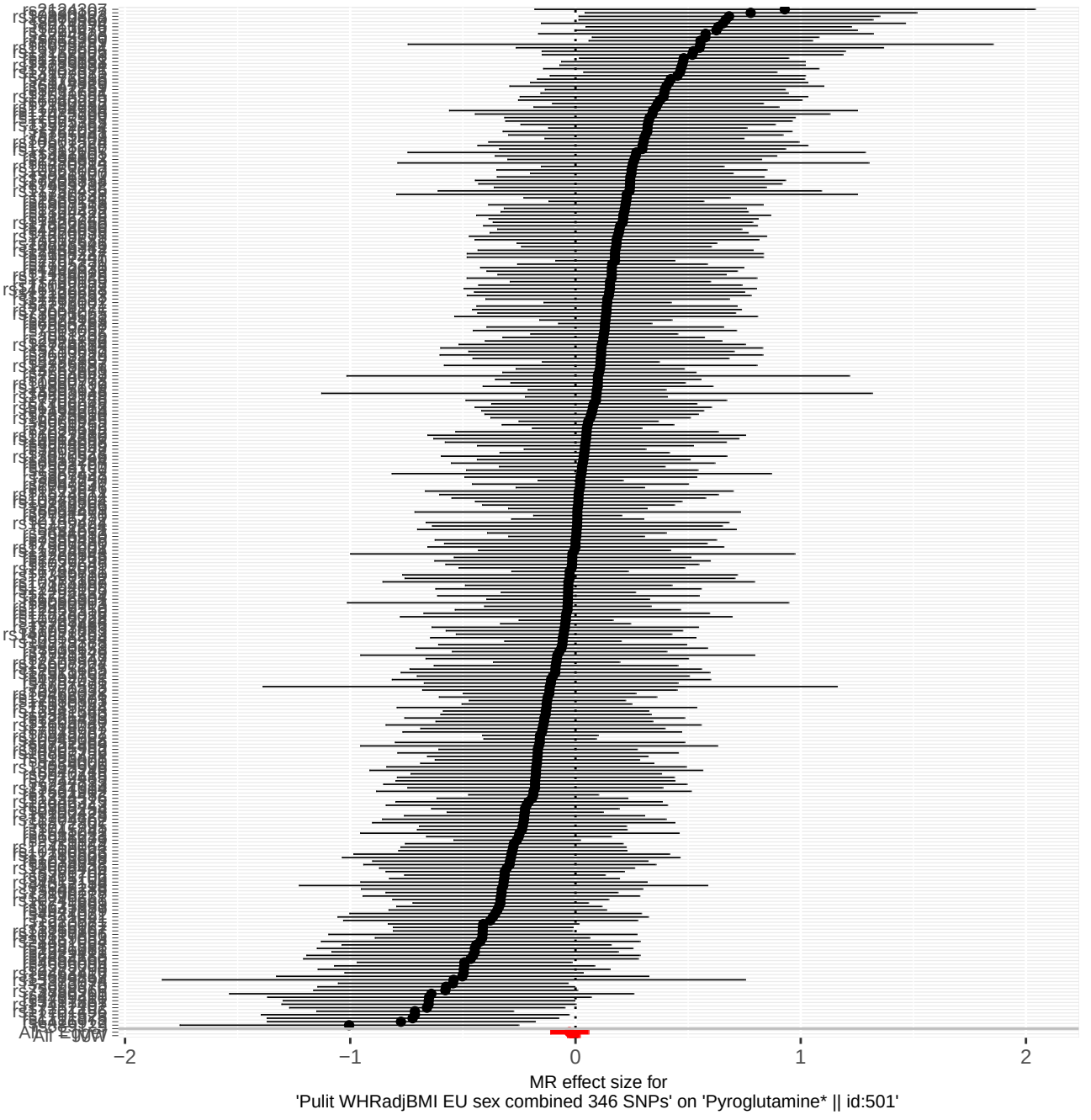

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11317 || id:496'

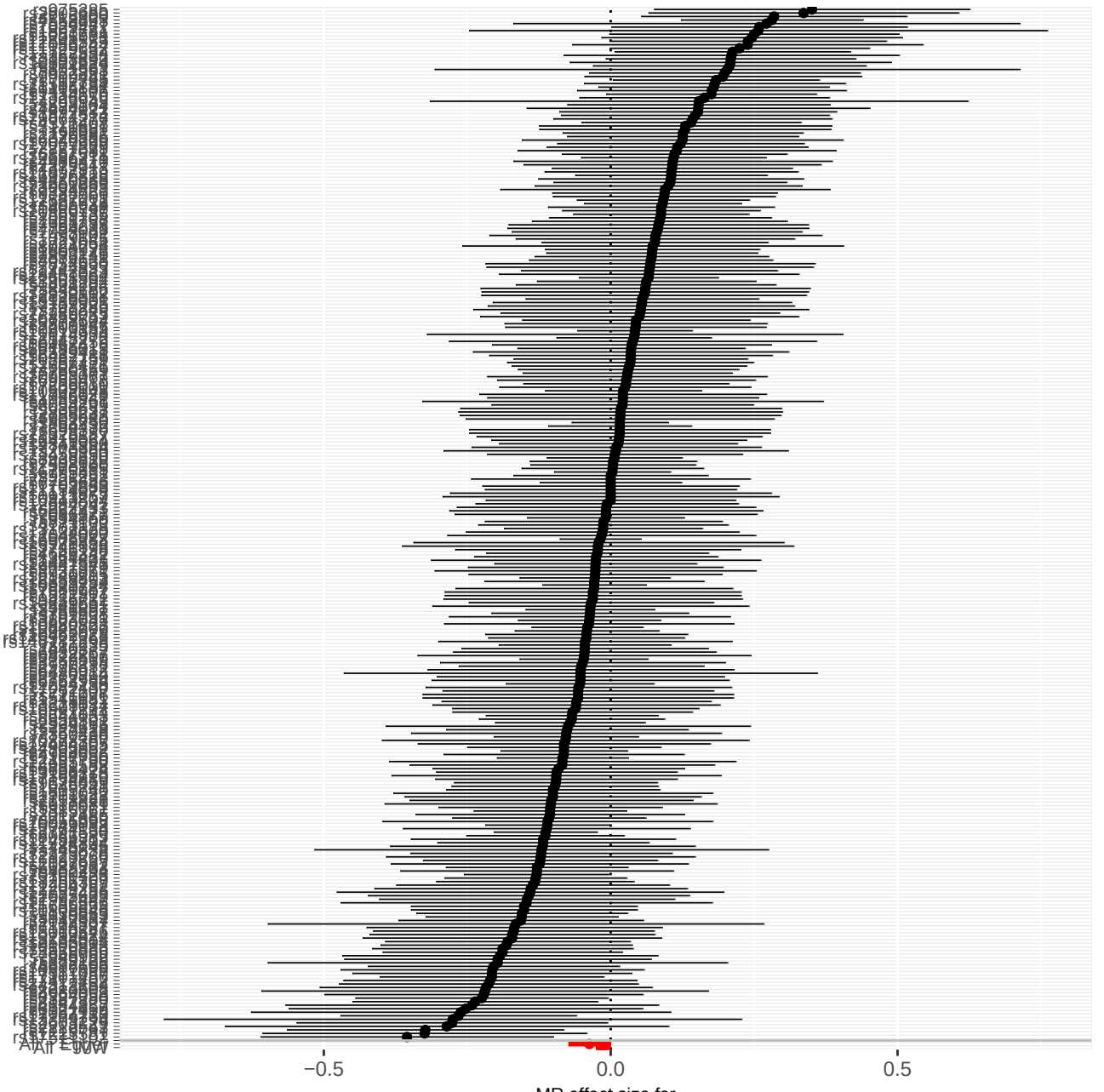

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−linoleoylglycerophosphoethanolamine* || id:497'

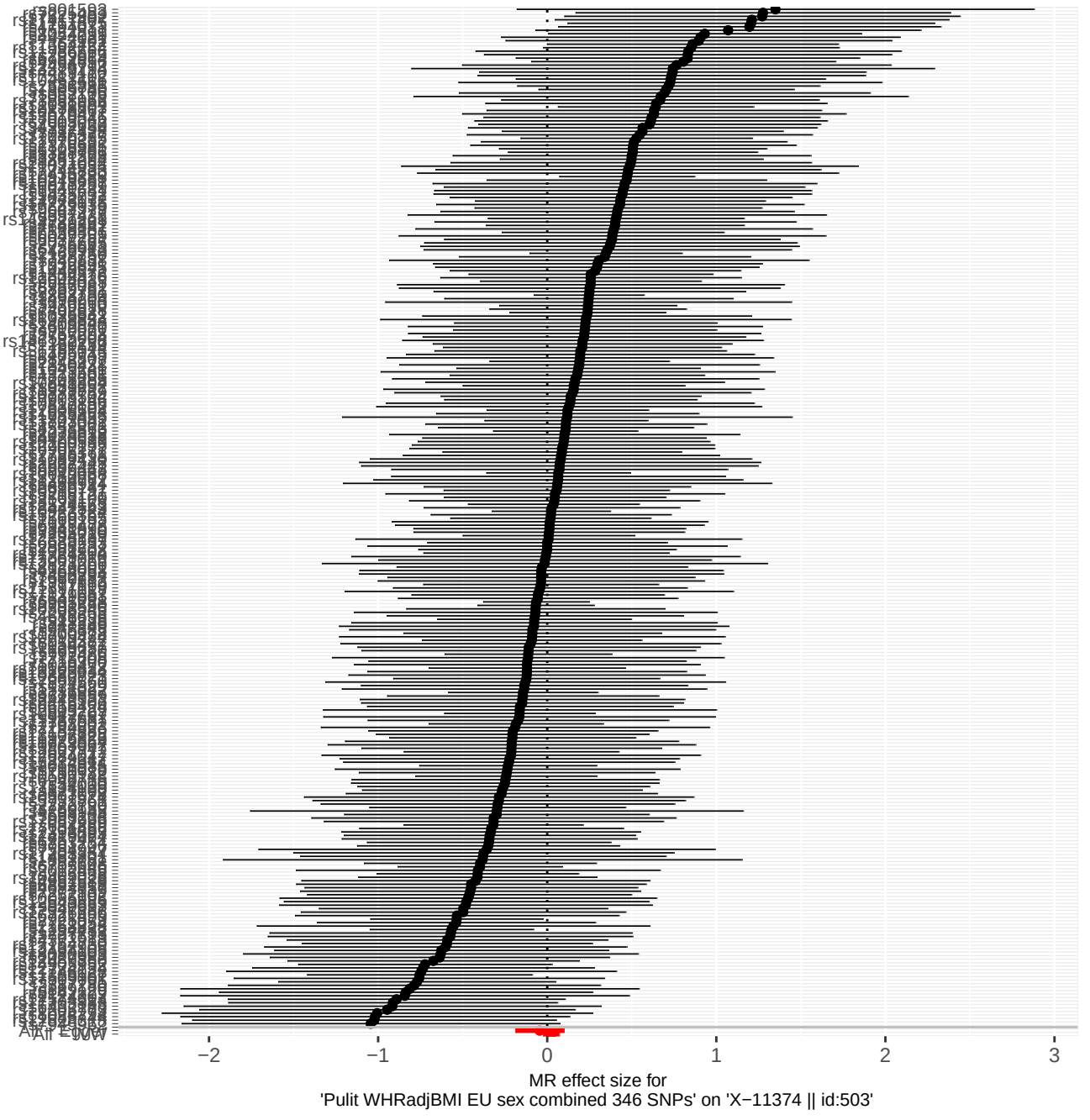

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11327 || id:498'

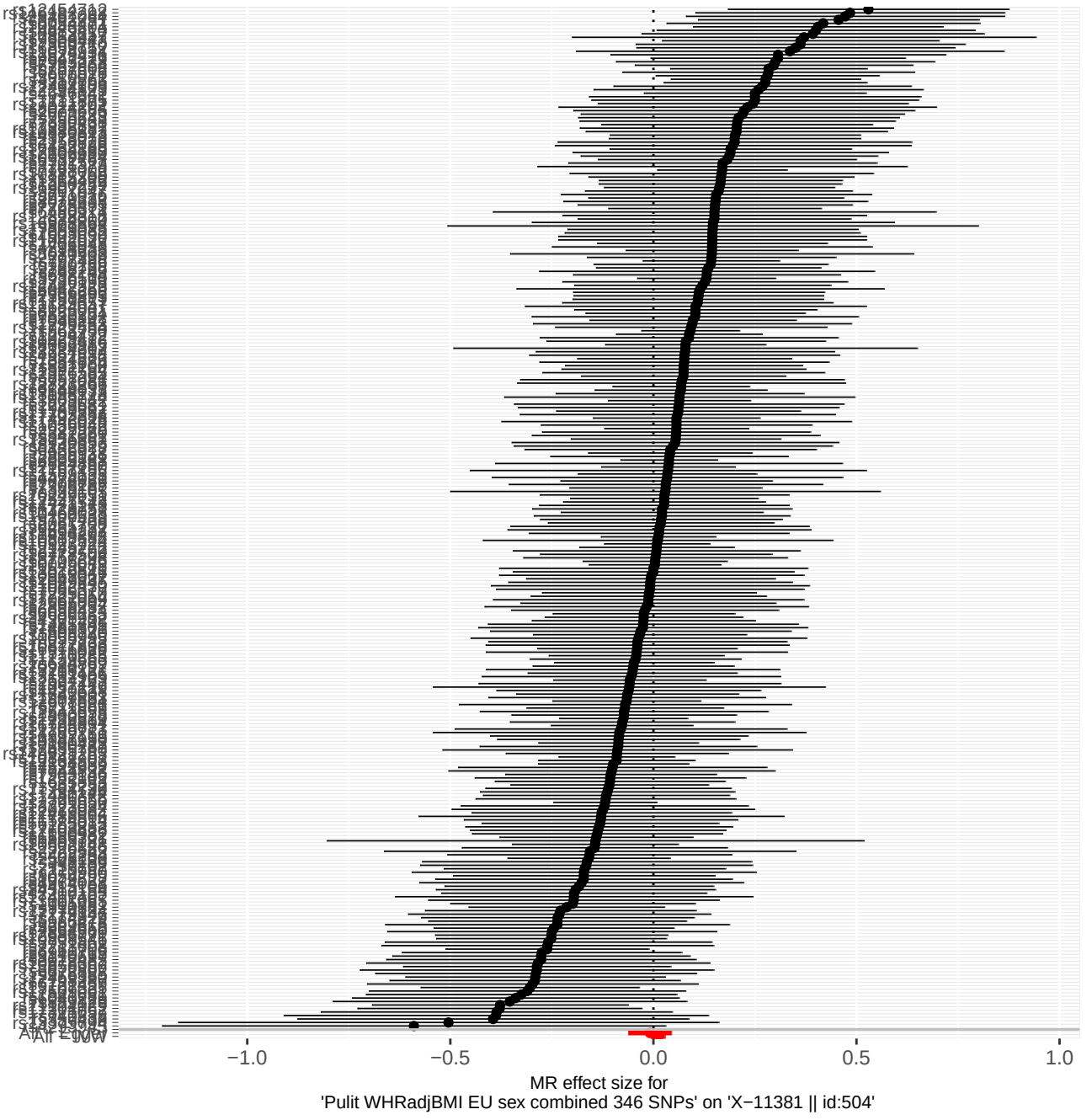

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11334 || id:499'

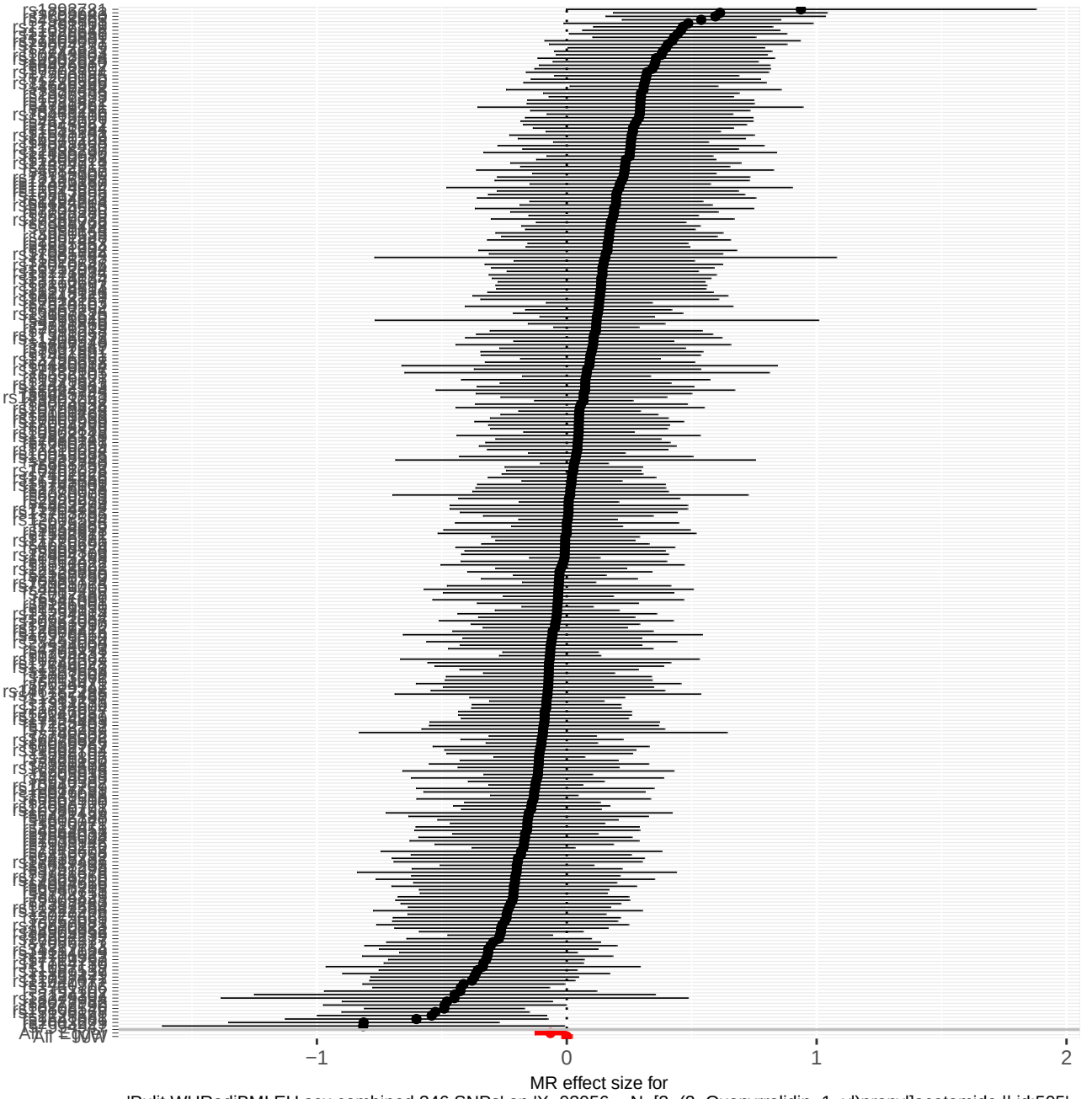

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−dehydrocarnitine* || id:500'

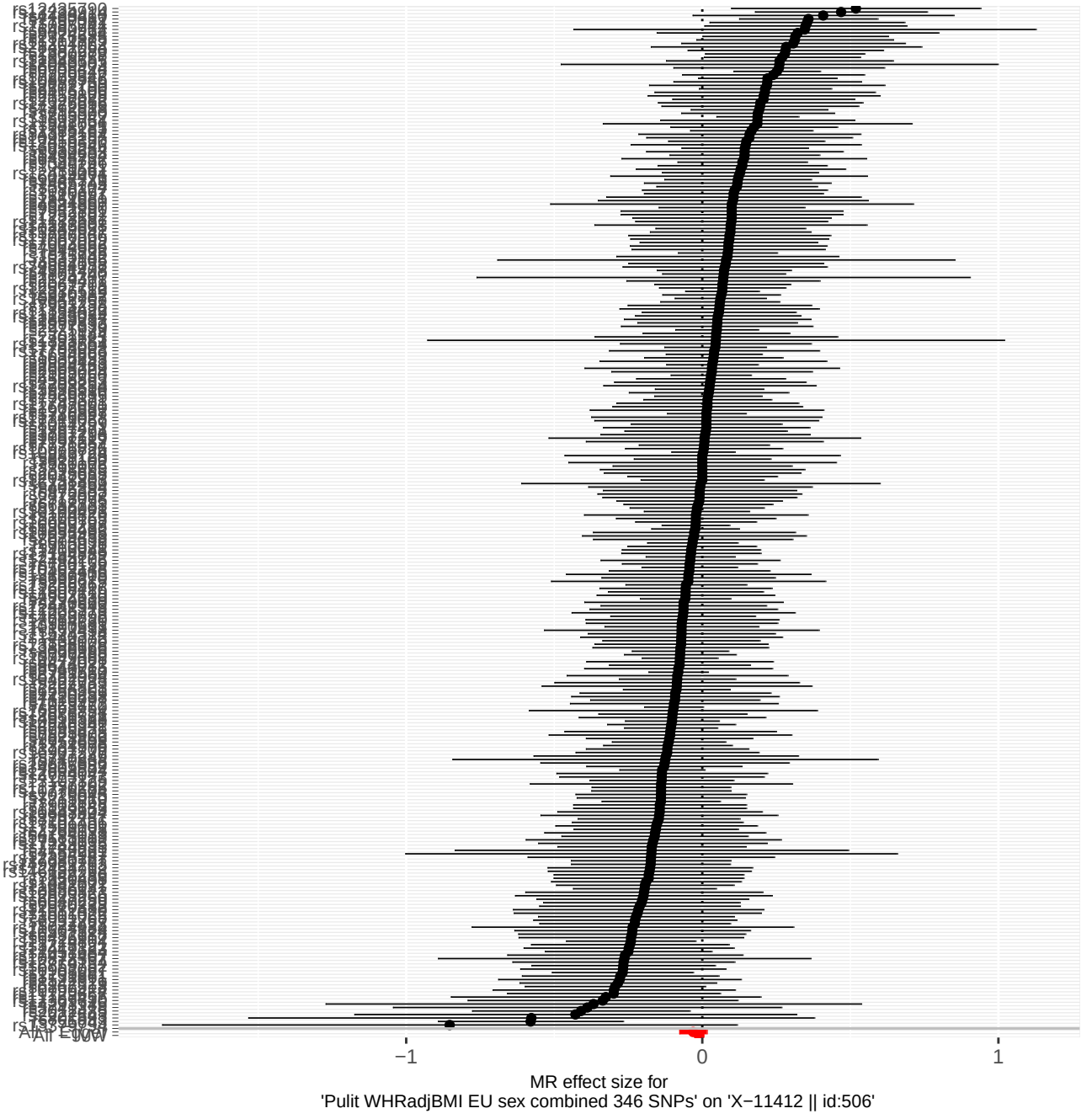

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pyroglutamine* || id:501'

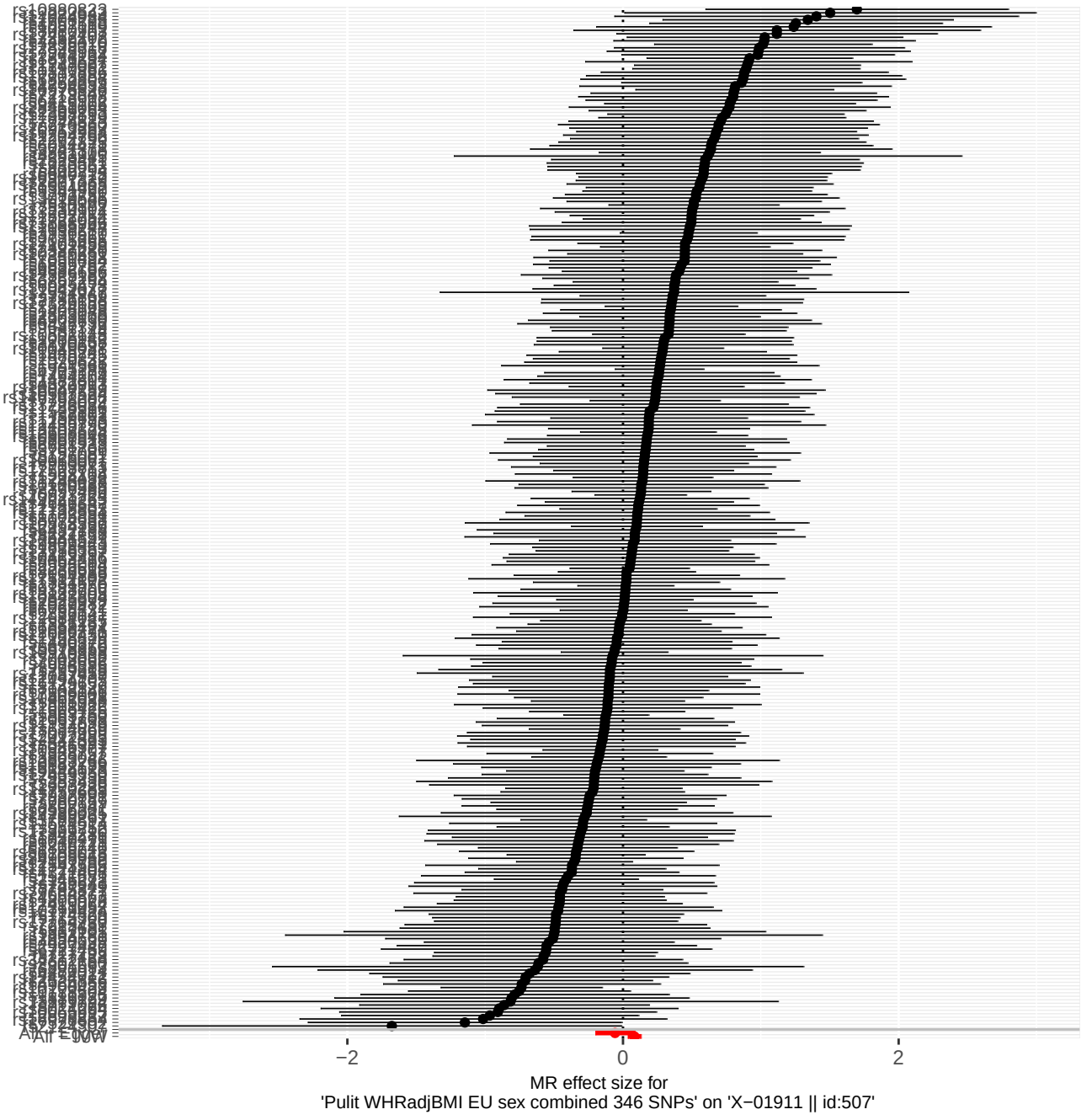

All - IVW
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'C−glycosyltryptophan* || id:502'

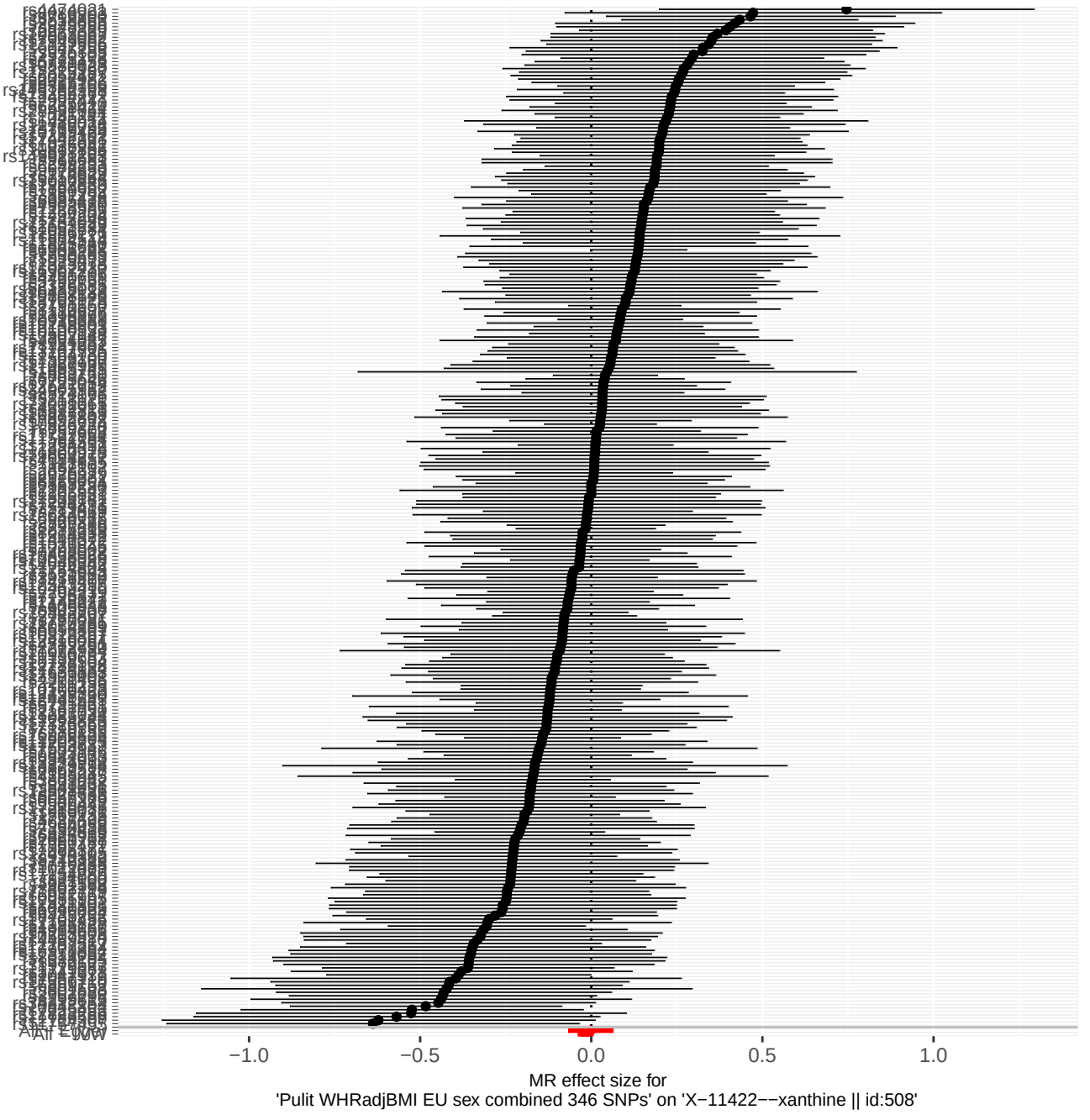

−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11374 || id:503'

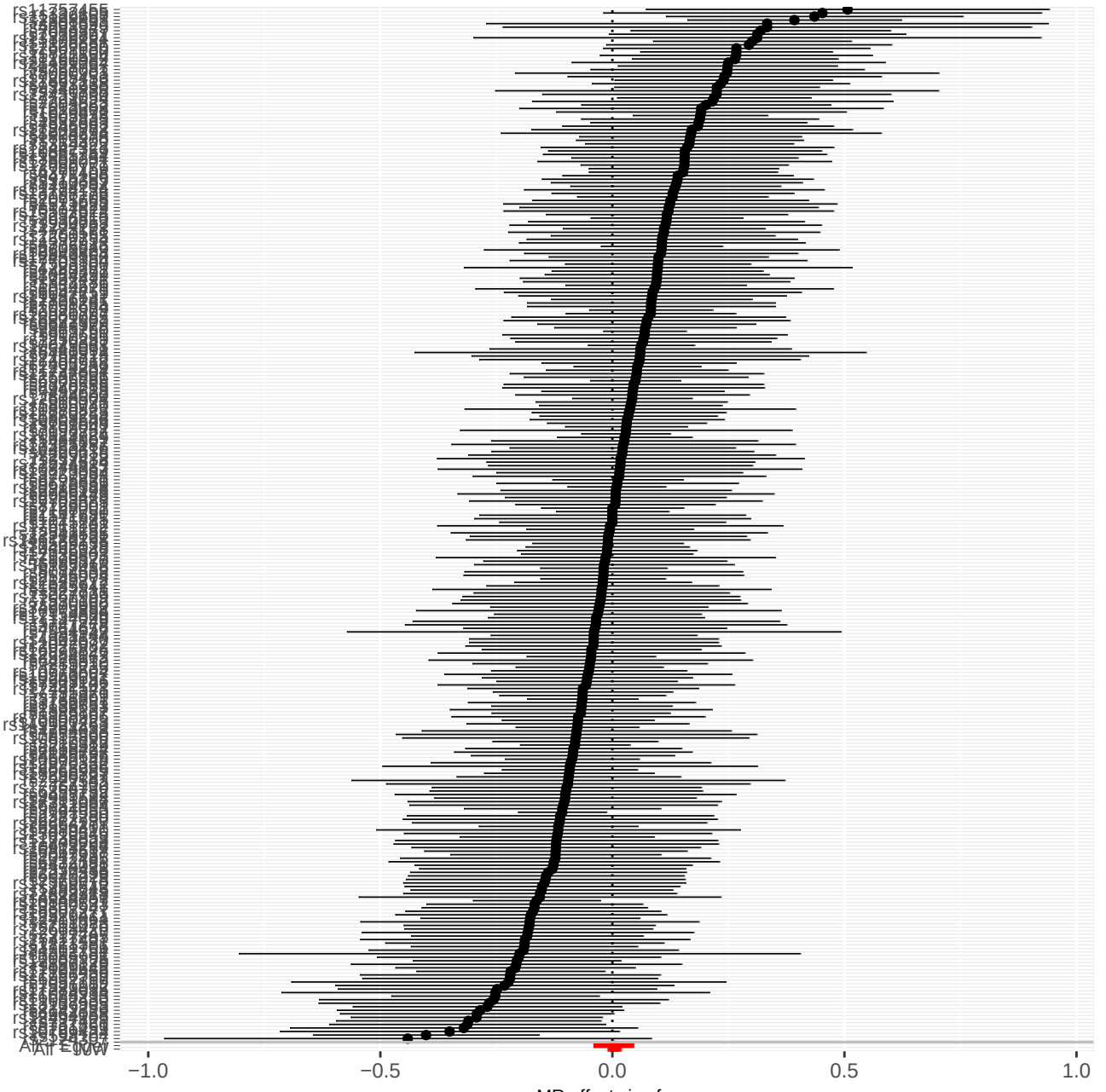

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11381 || id:504'


All − IVW
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−03056−−N−[3−(2−Oxopyrrolidin−1−yl)propyl]acetamide || id:505'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11412 || id:506'


−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−01911 || id:507'


−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11422−−xanthine || id:508'


−1.0
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0.0
0.5
1.0
MR effect size for
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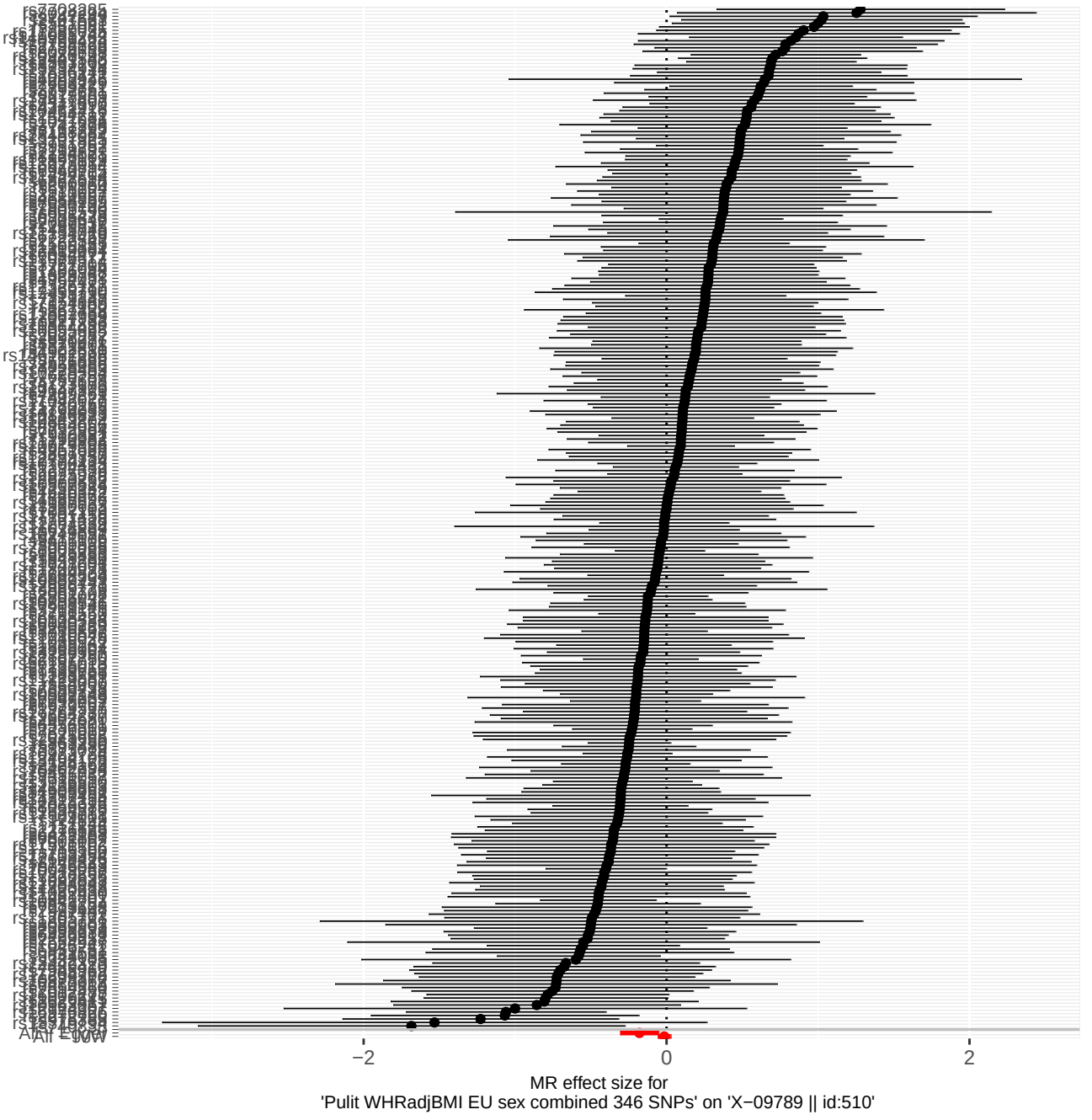
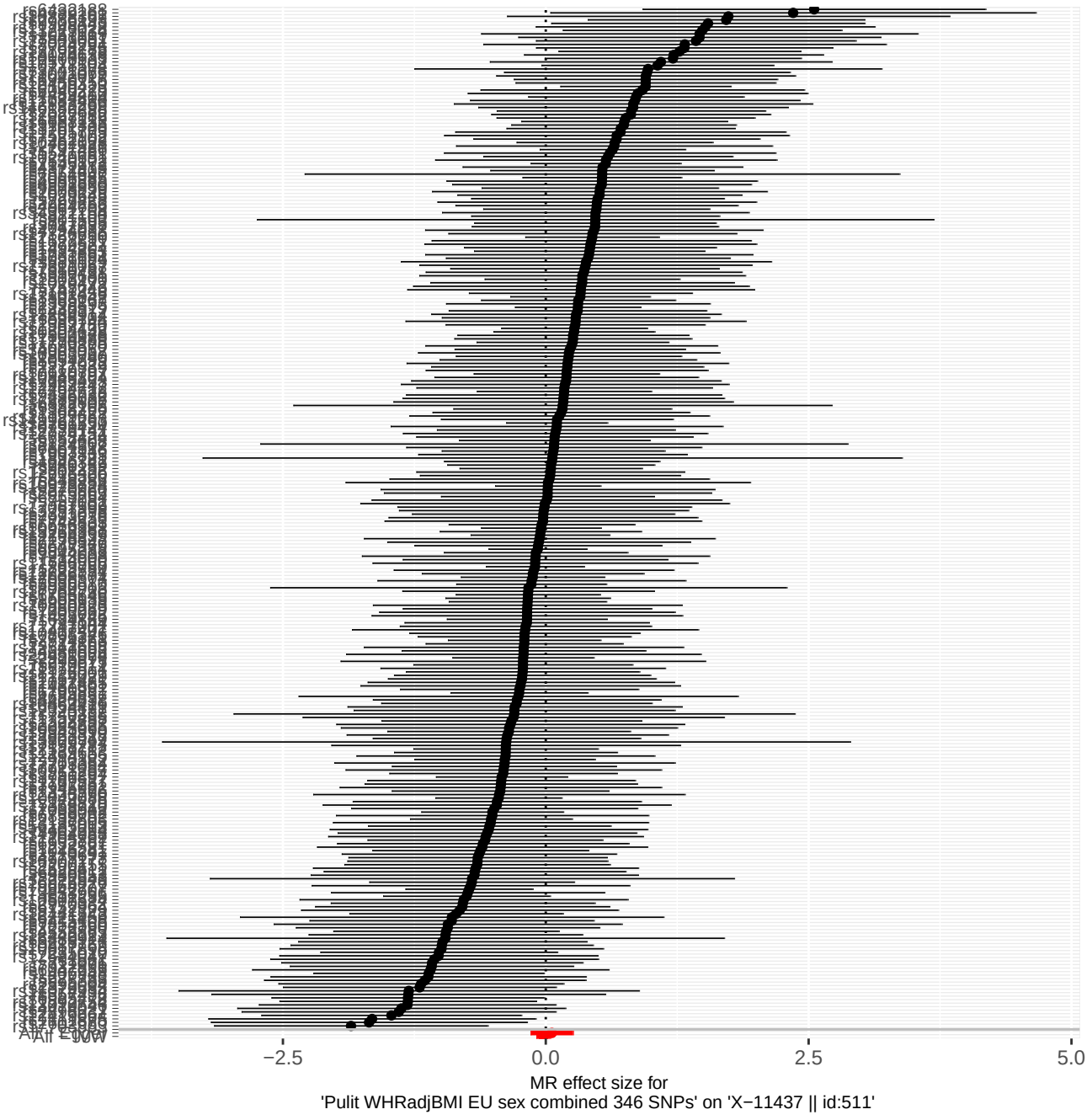
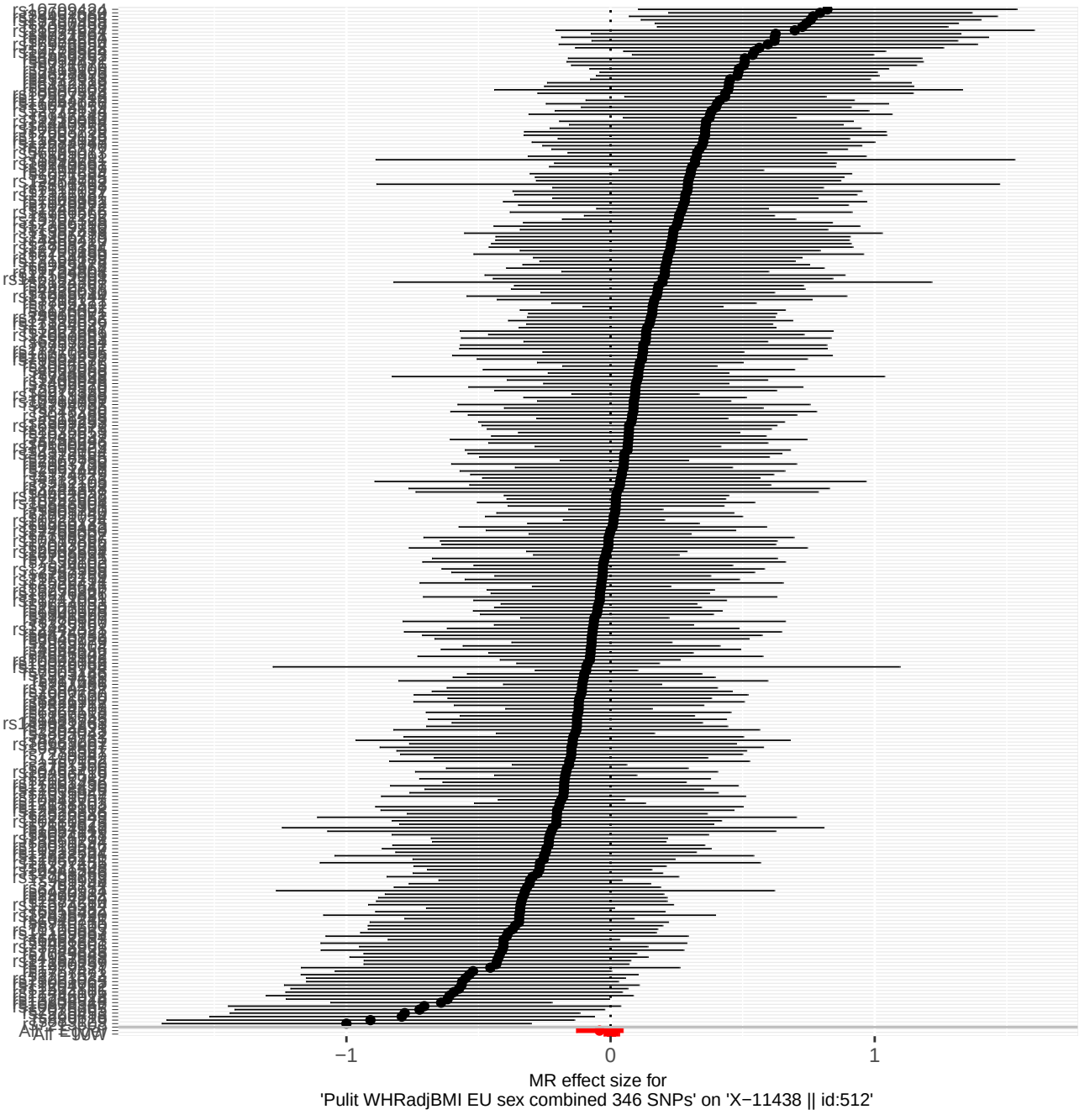
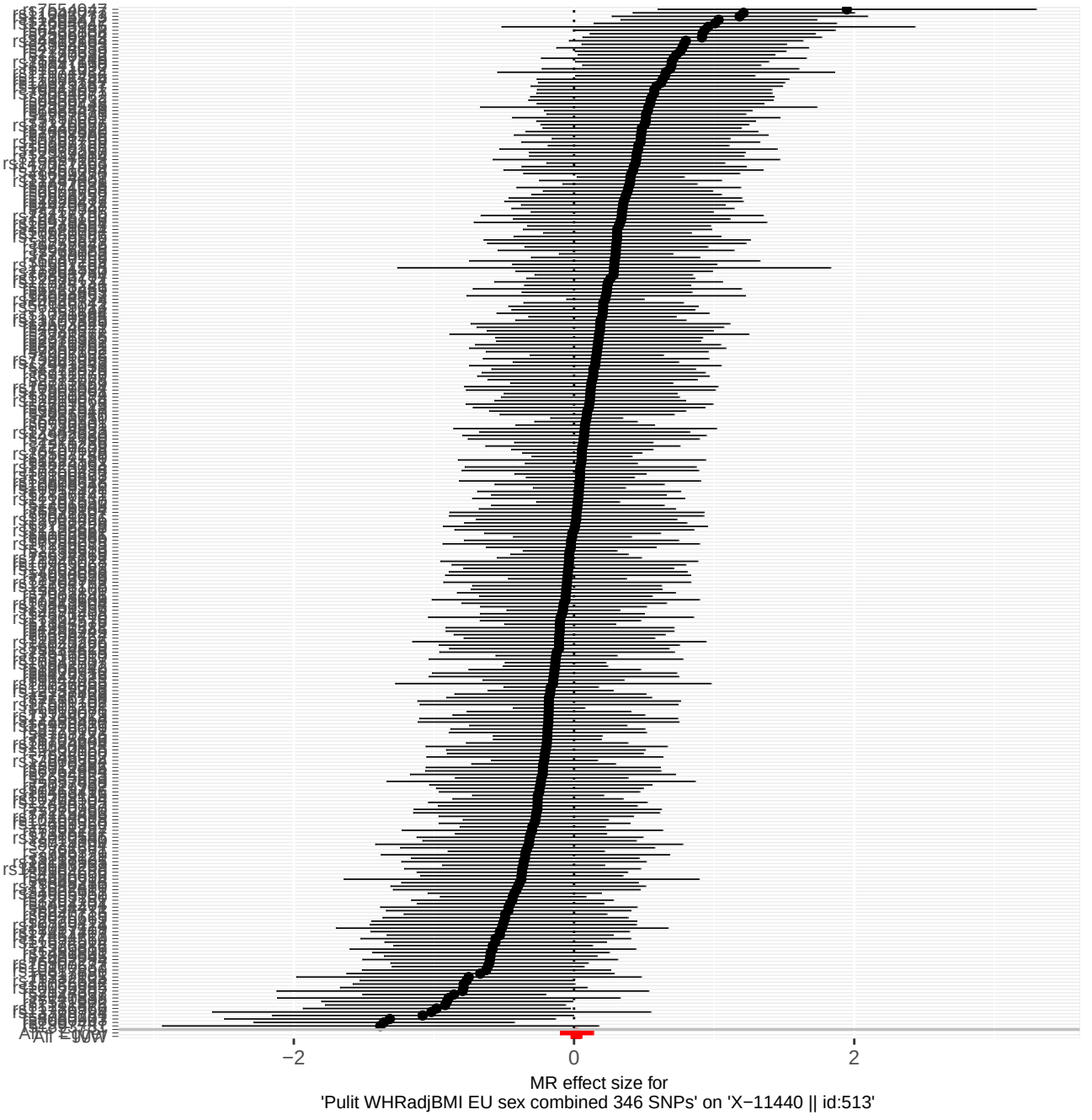
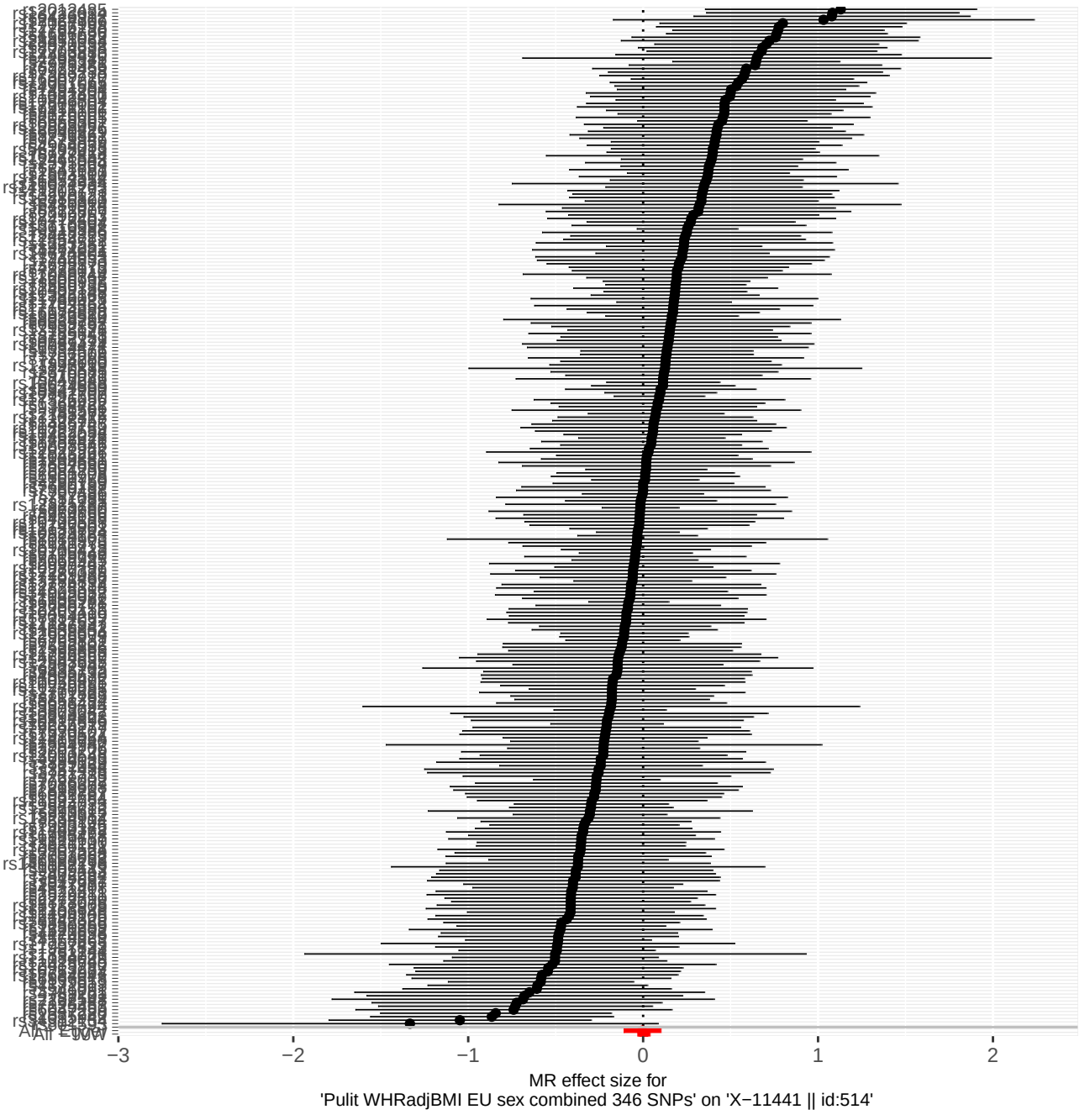
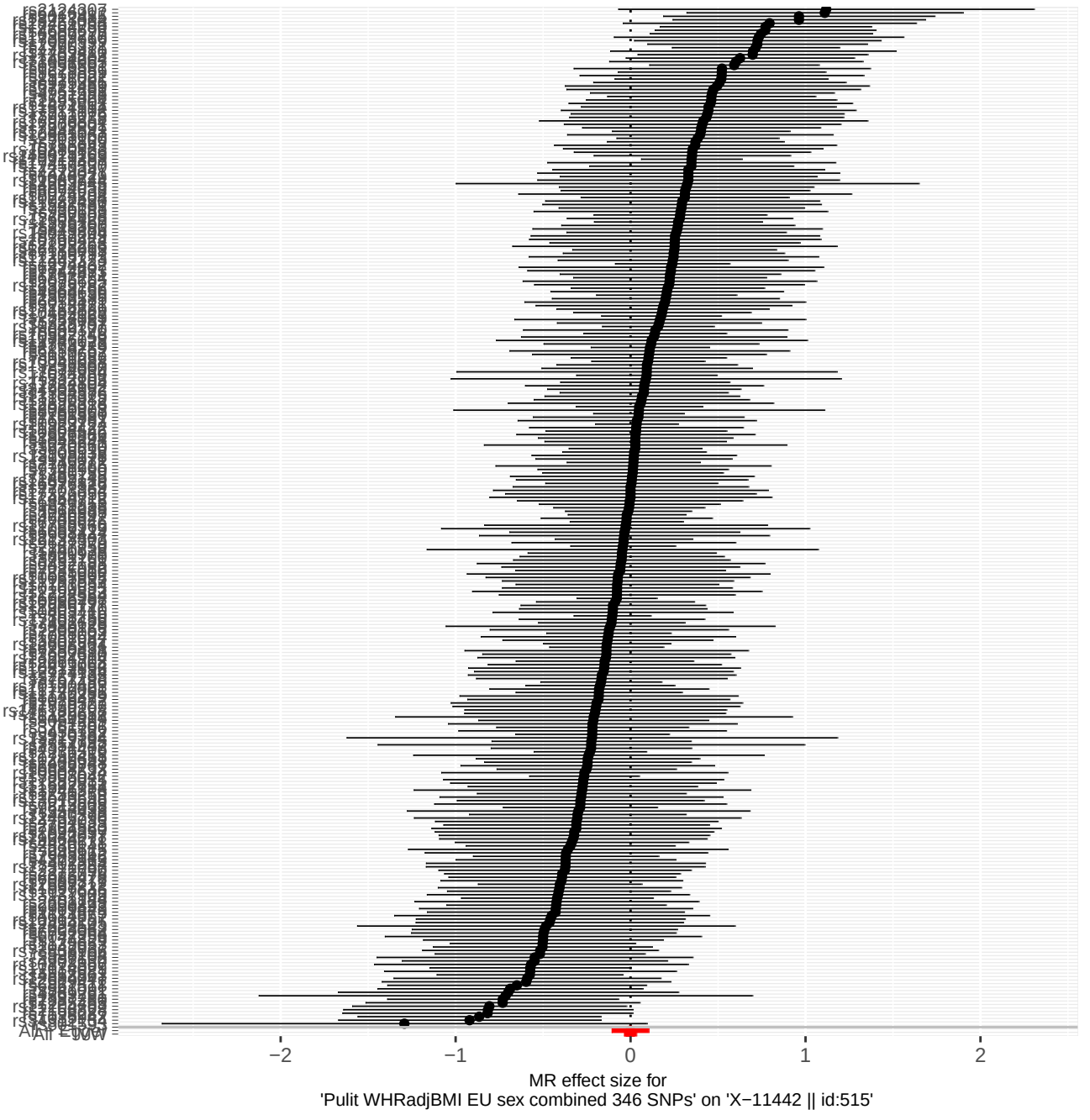

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−09789 || id:510'

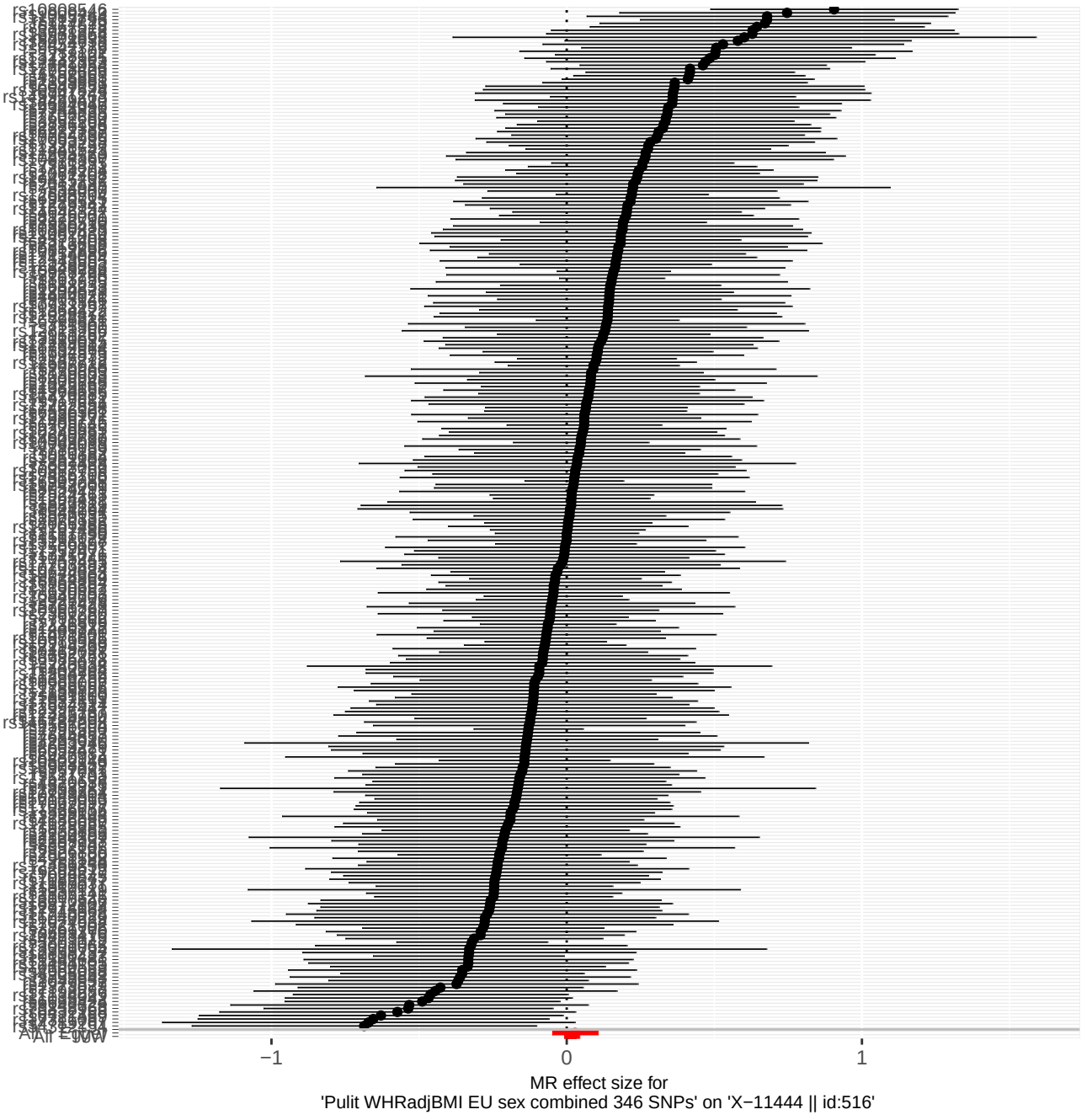

−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11437 || id:511'

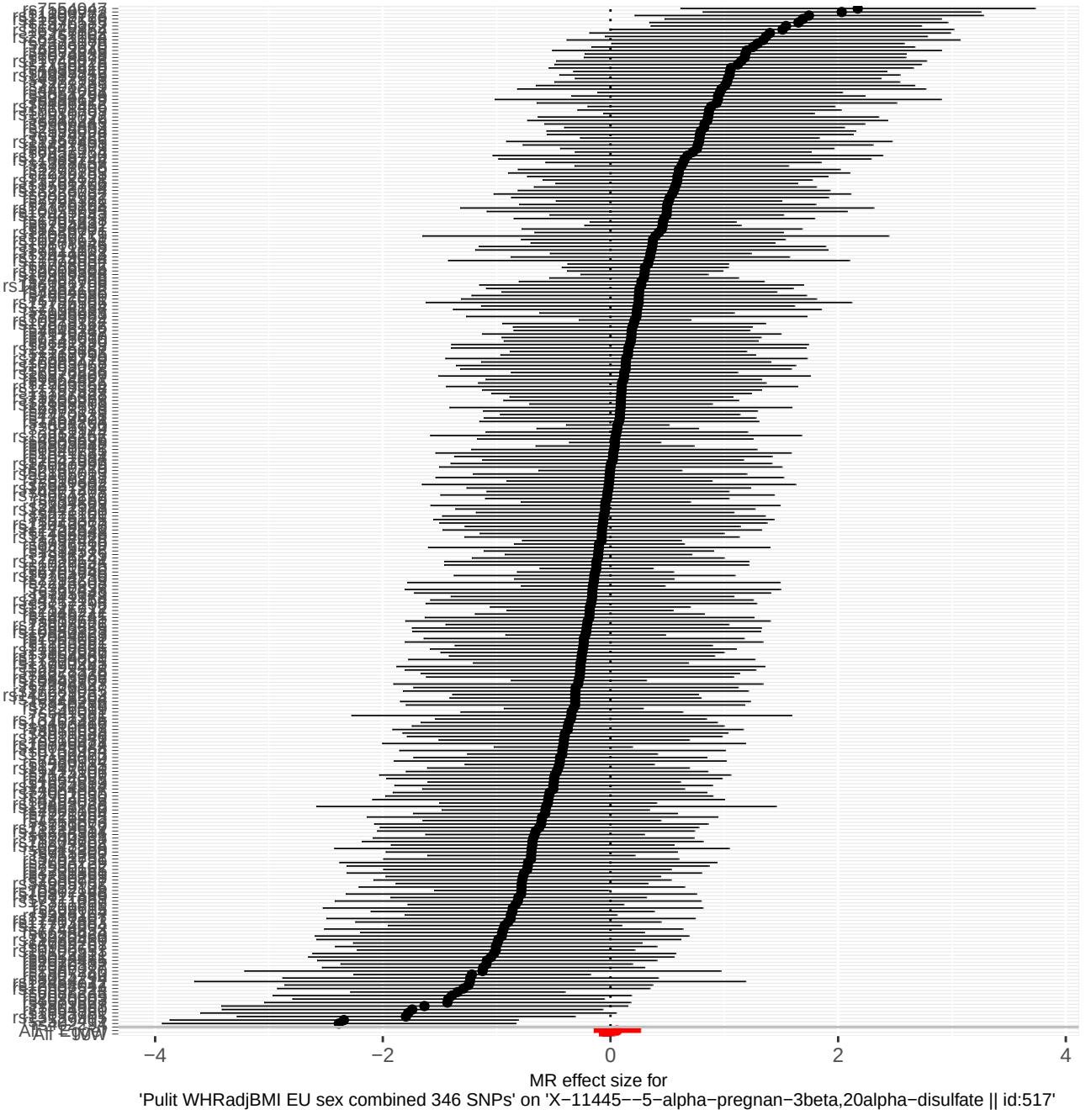

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11438 || id:512'

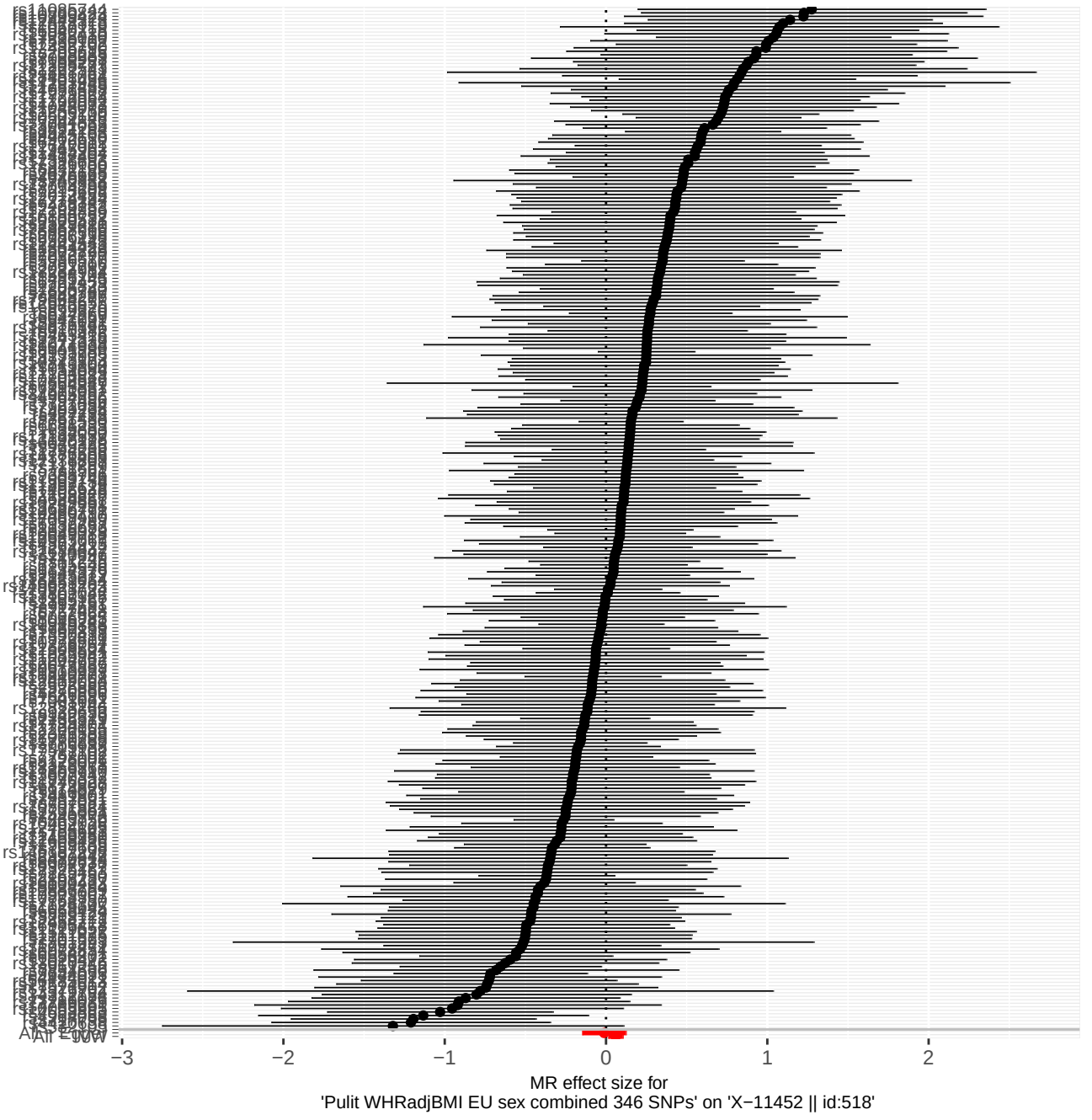

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11440 || id:513'

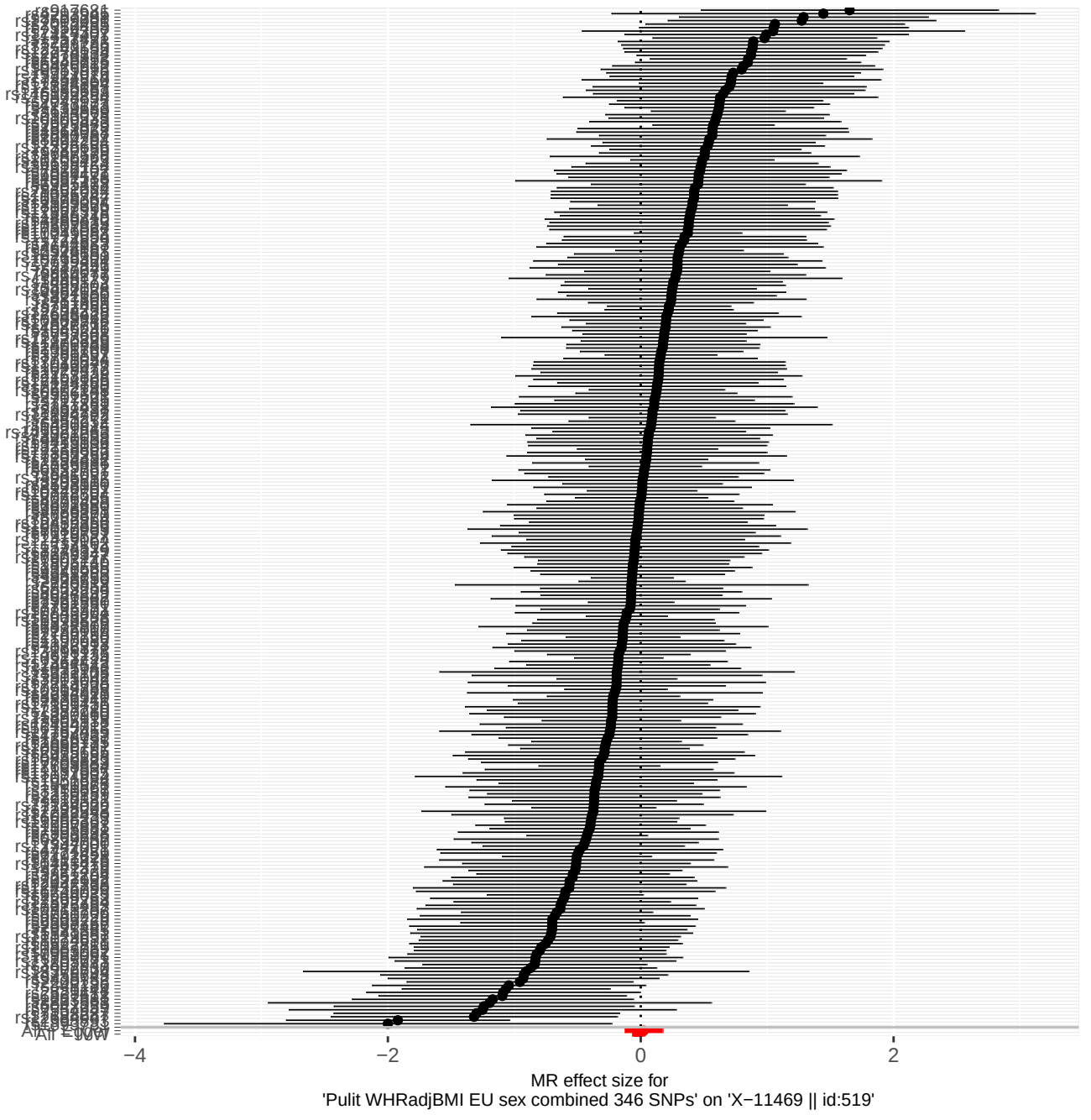

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11441 || id:514'

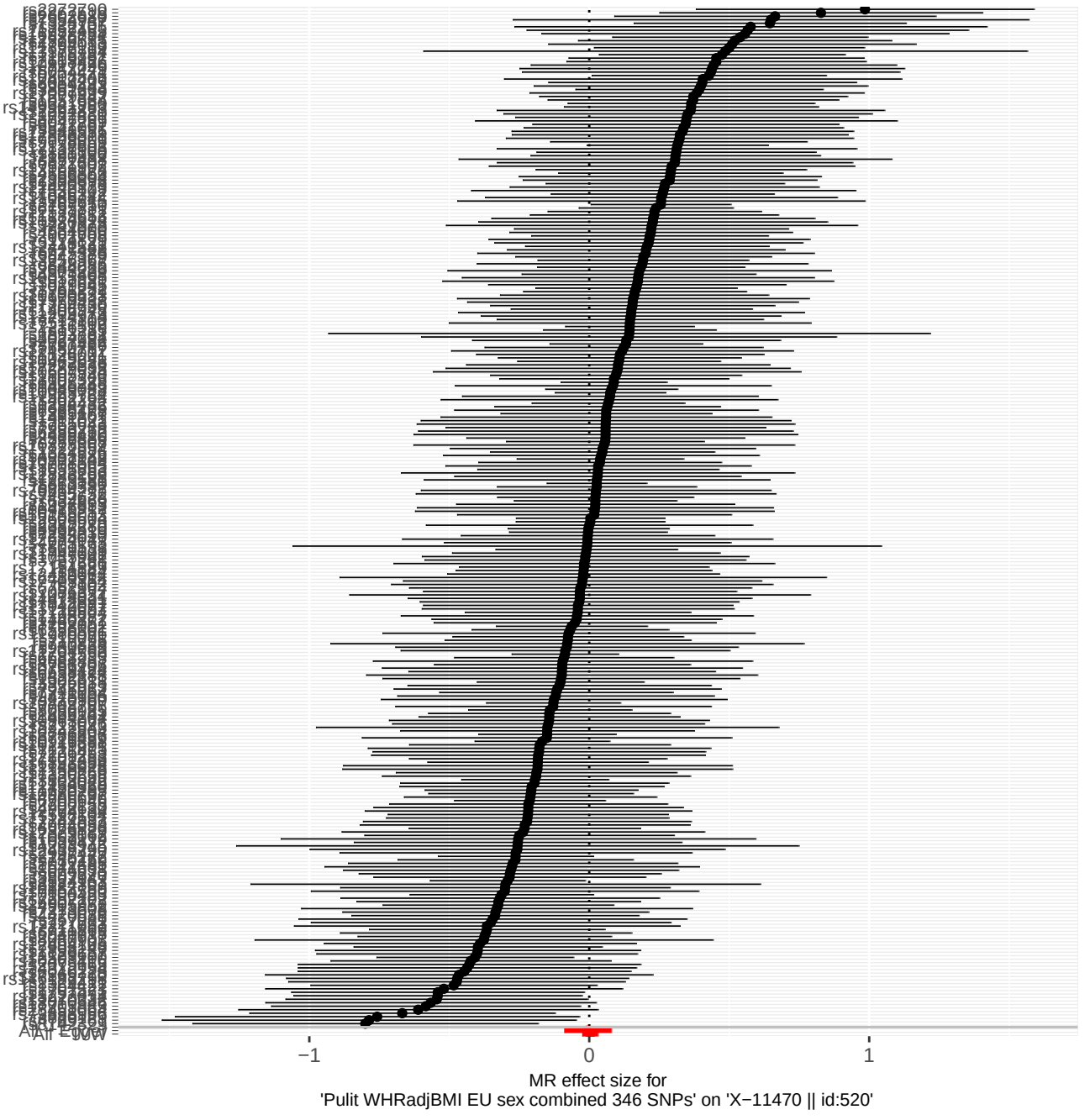

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11442 || id:515'

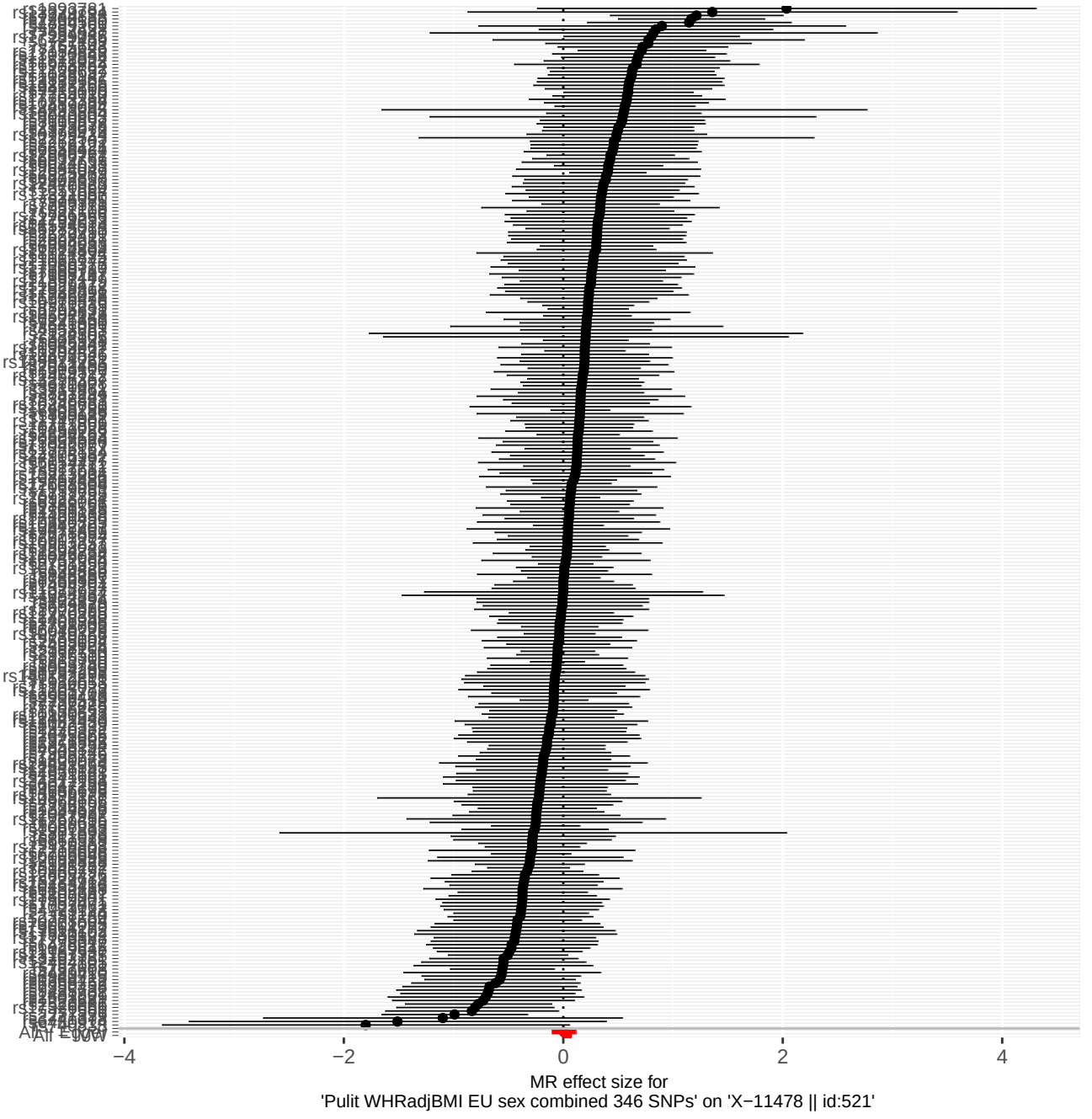

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11444 || id:516'

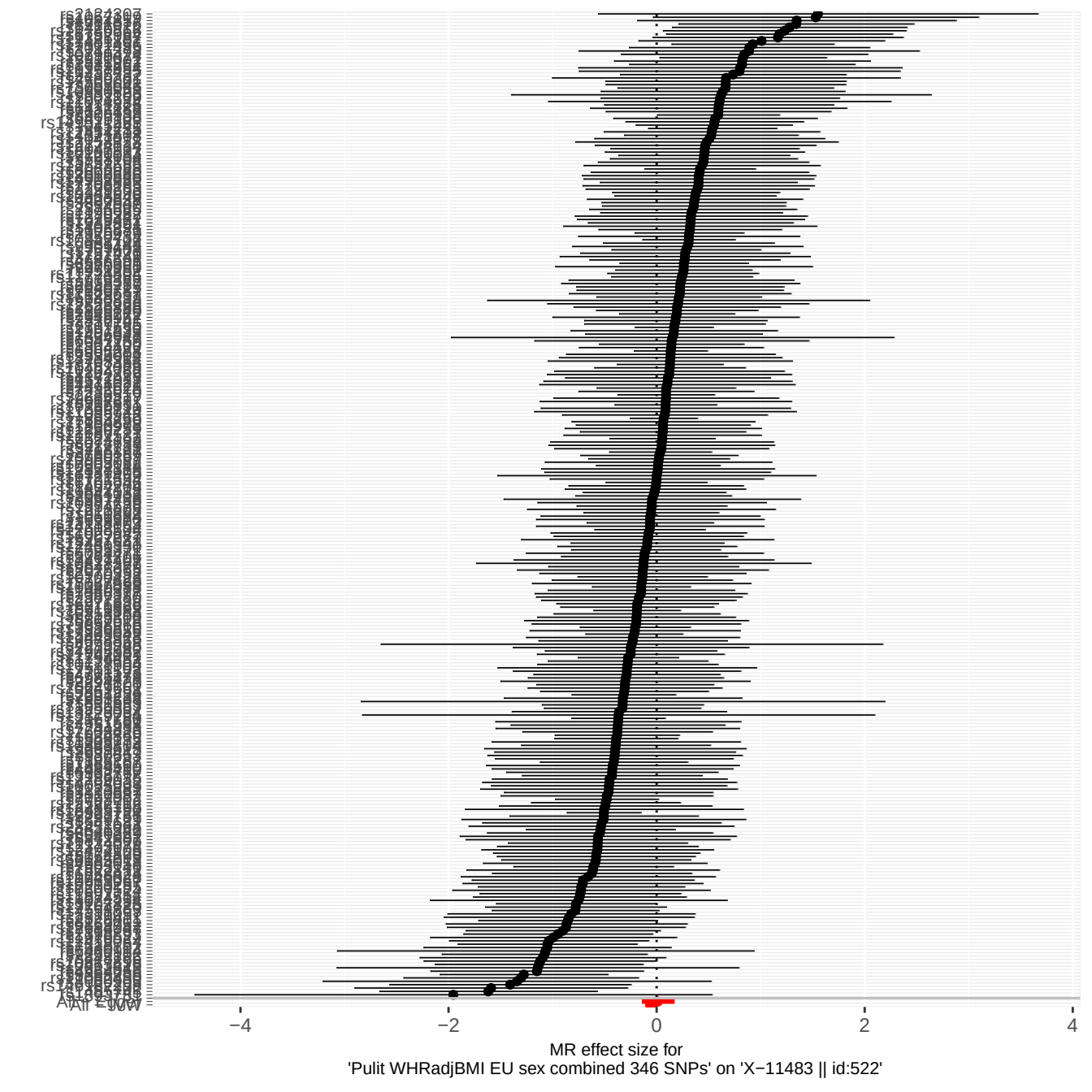

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11445−−5−alpha−pregnan−3beta,20alpha−disulfate || id:517'

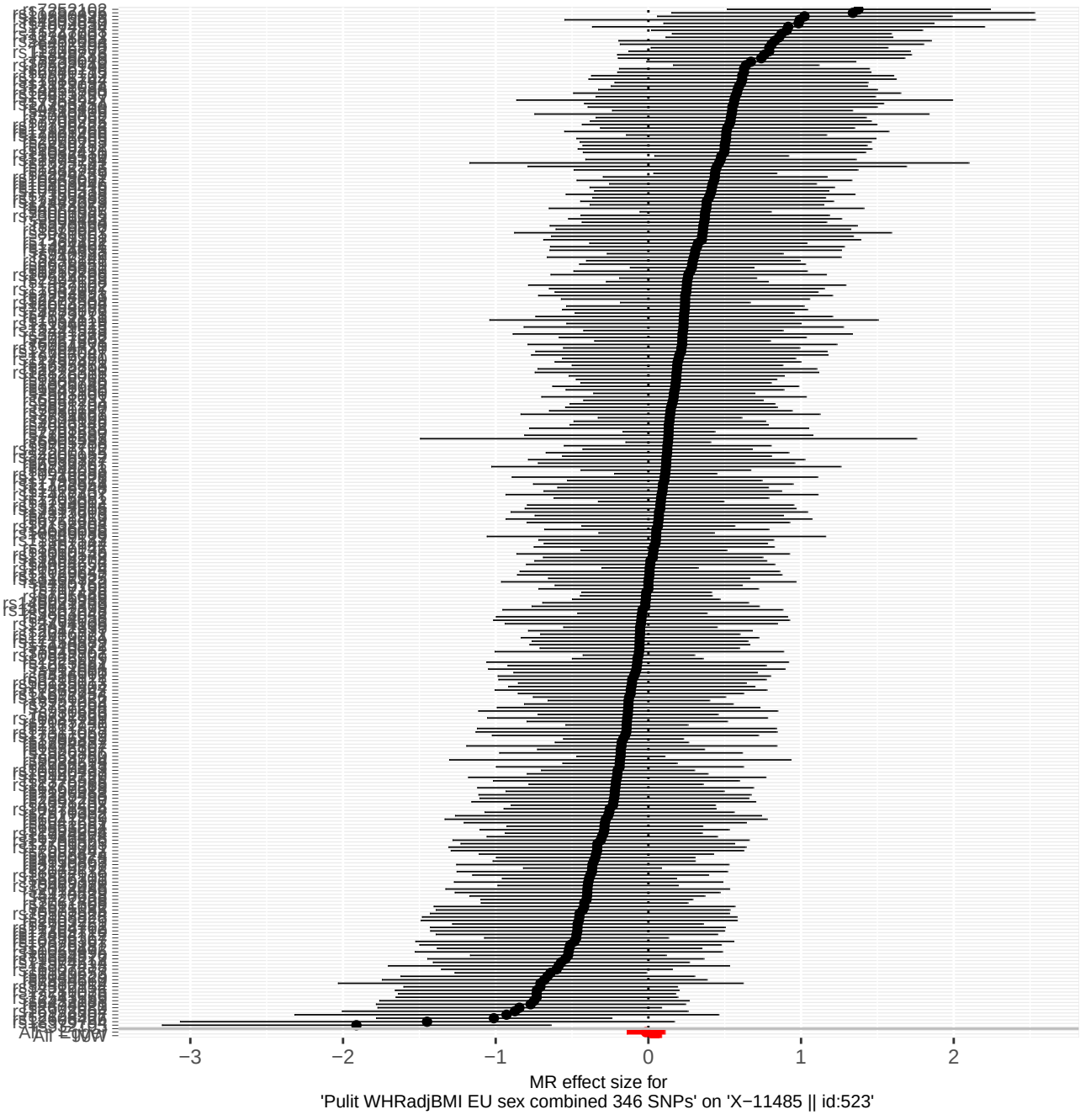

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11452 || id:518'

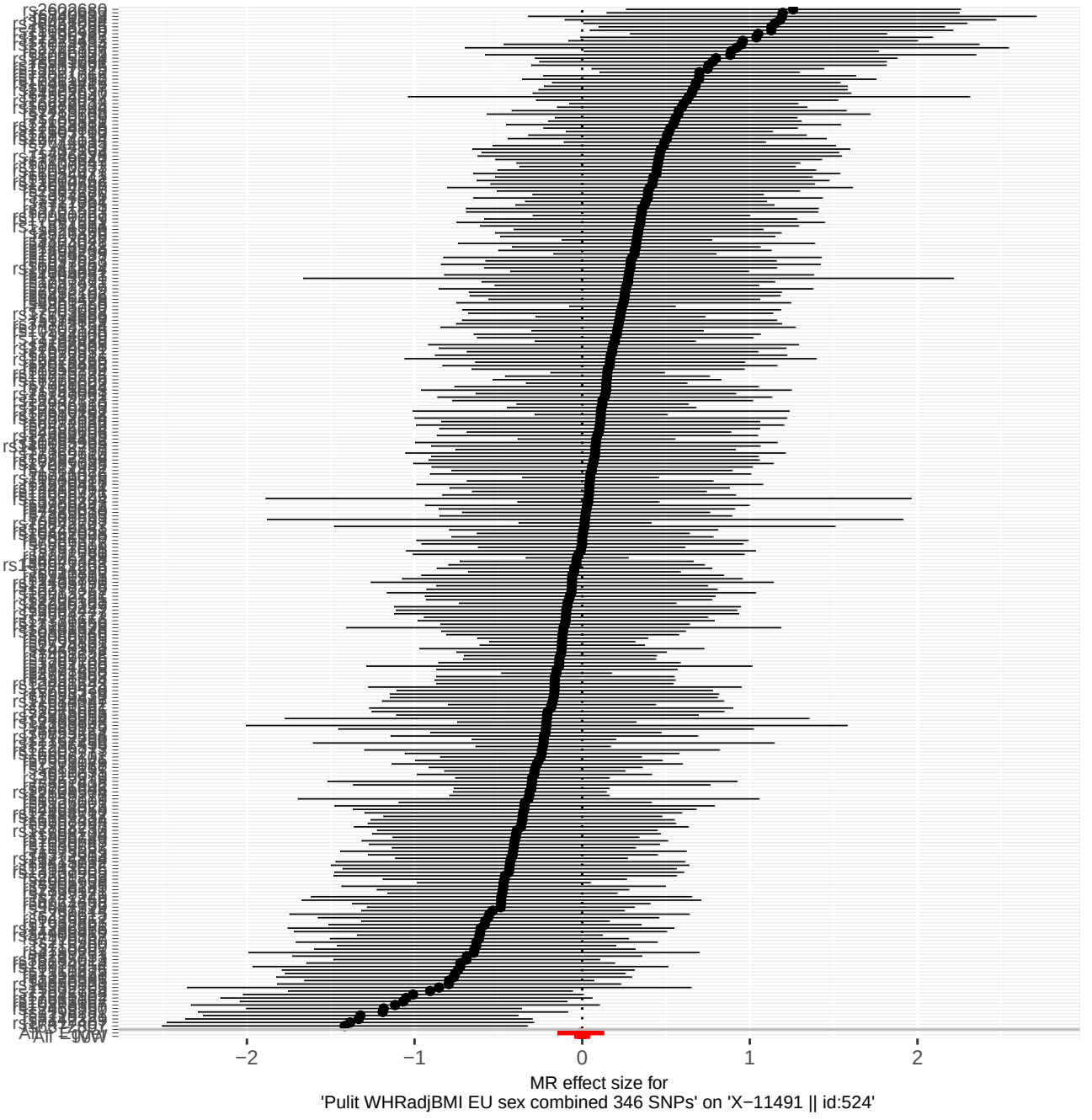

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11469 || id:519'

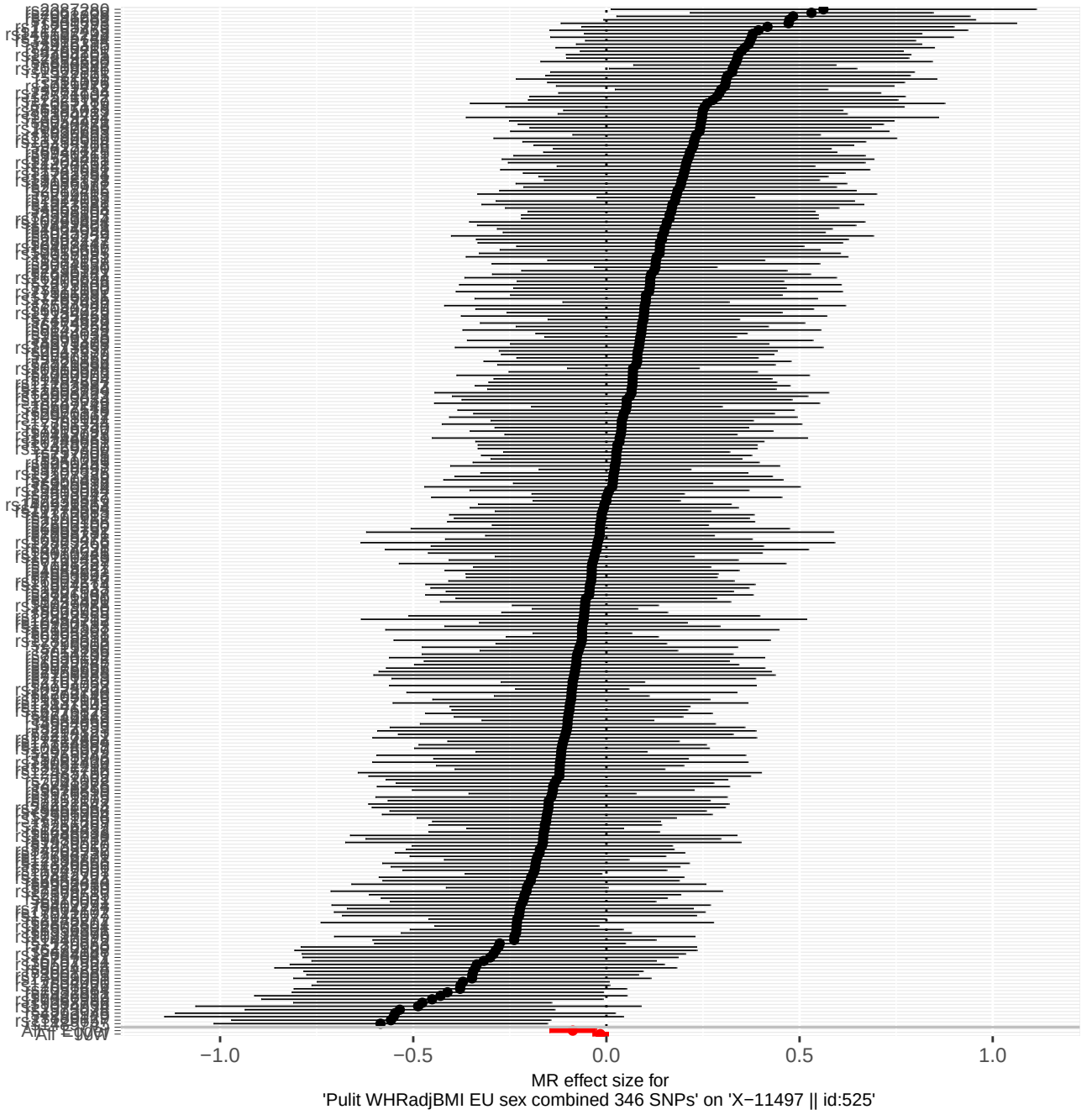

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11470 || id:520'

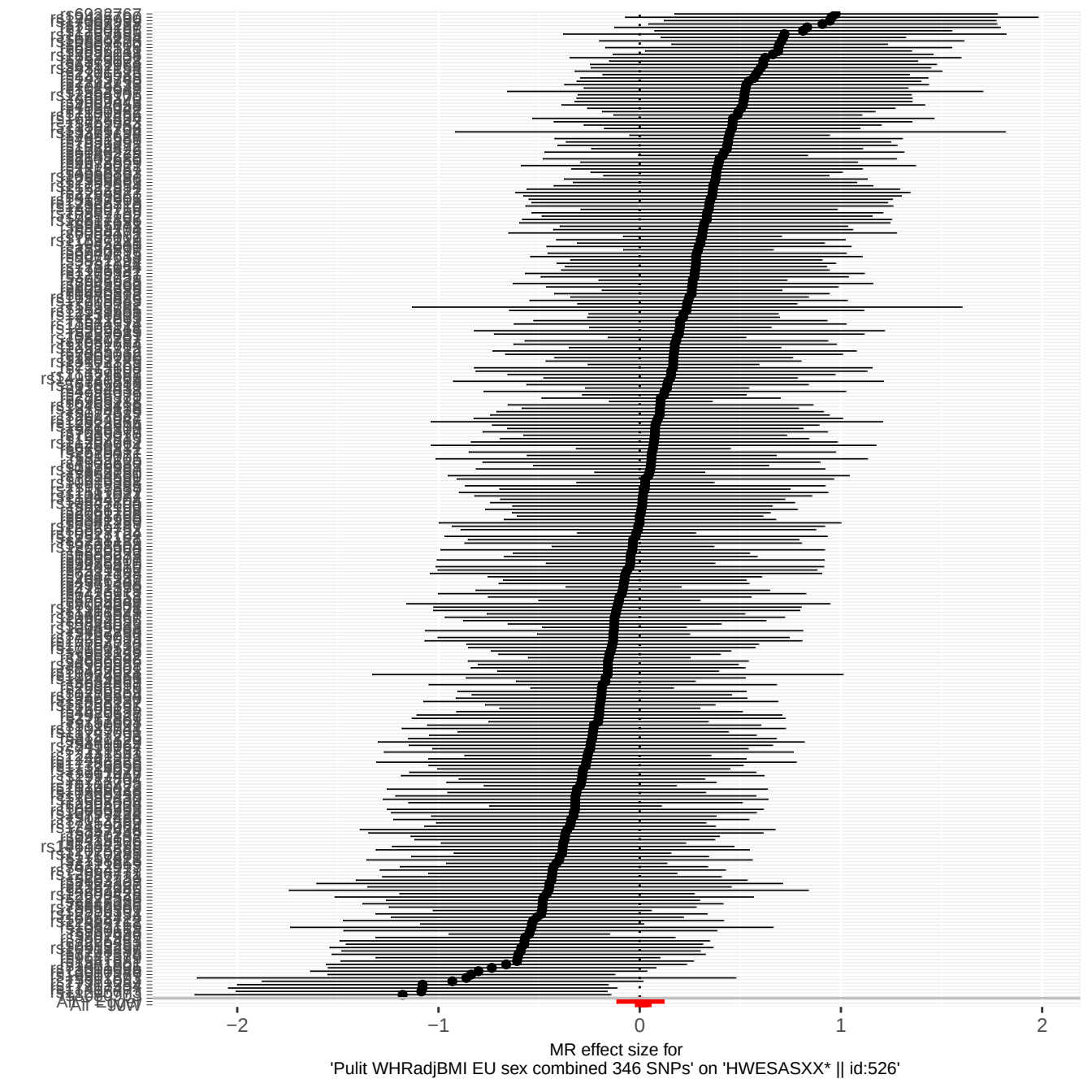

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11478 || id:521'

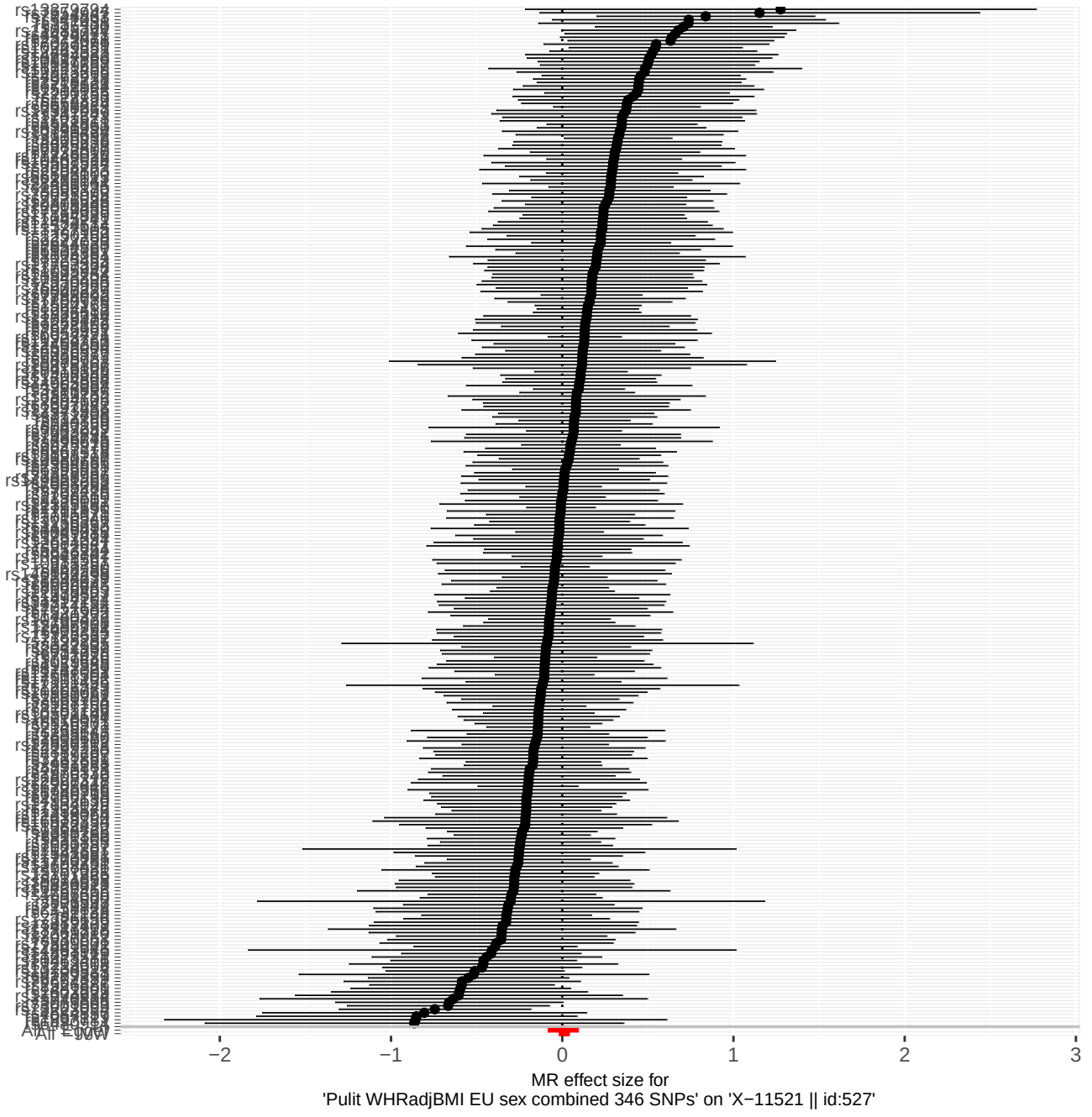

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11483 || id:522'

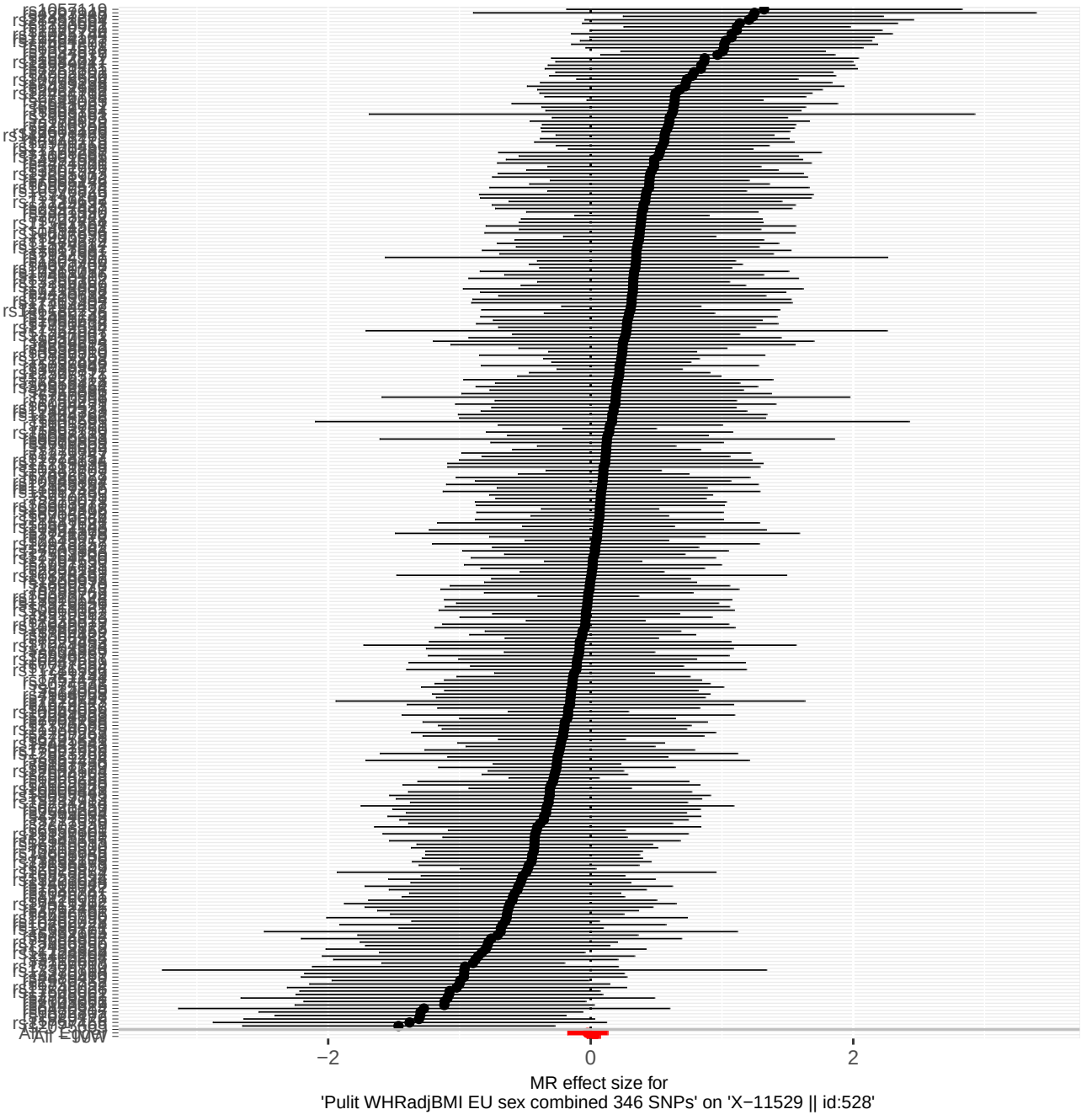

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11485 || id:523'

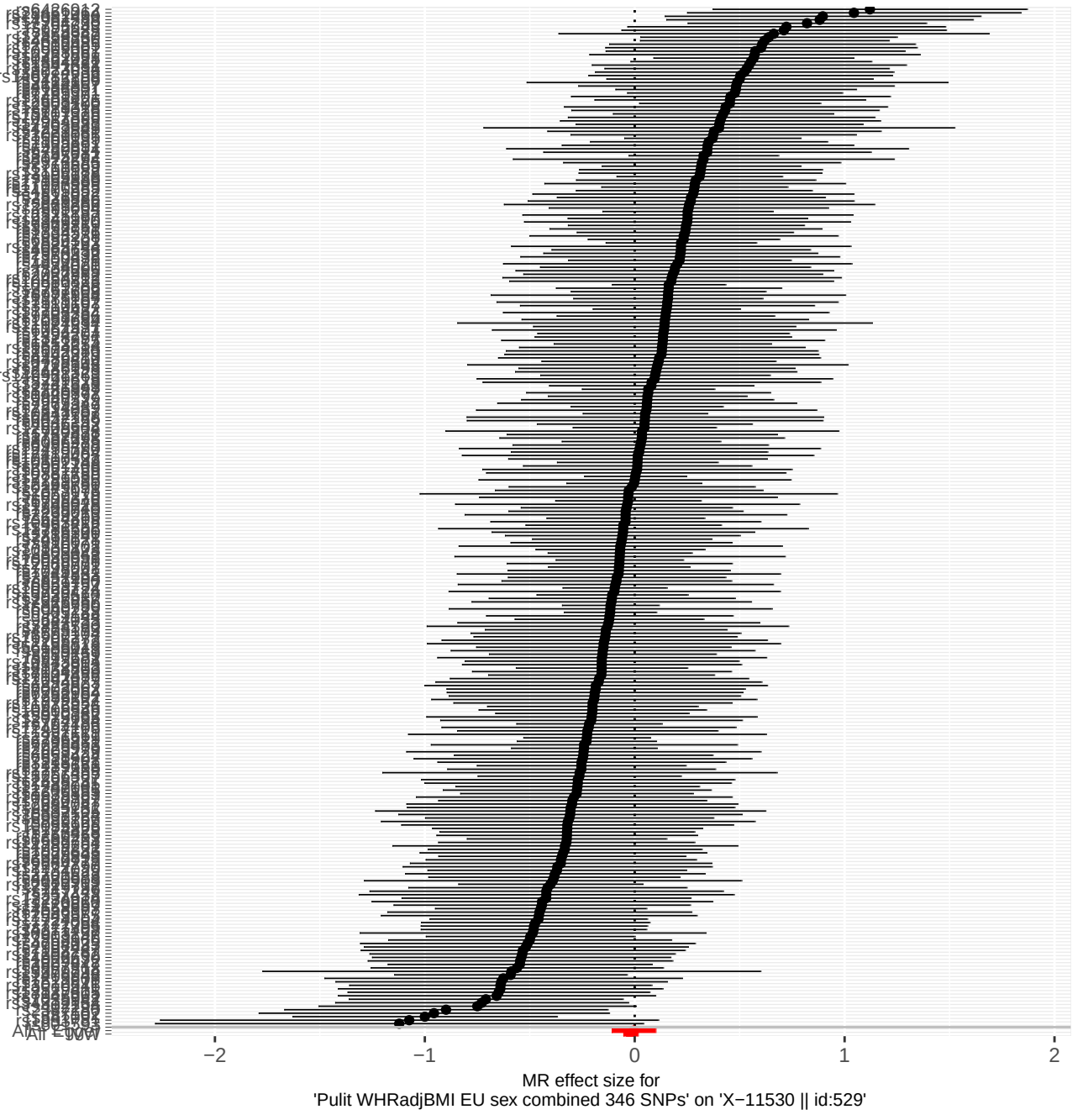

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11491 || id:524'

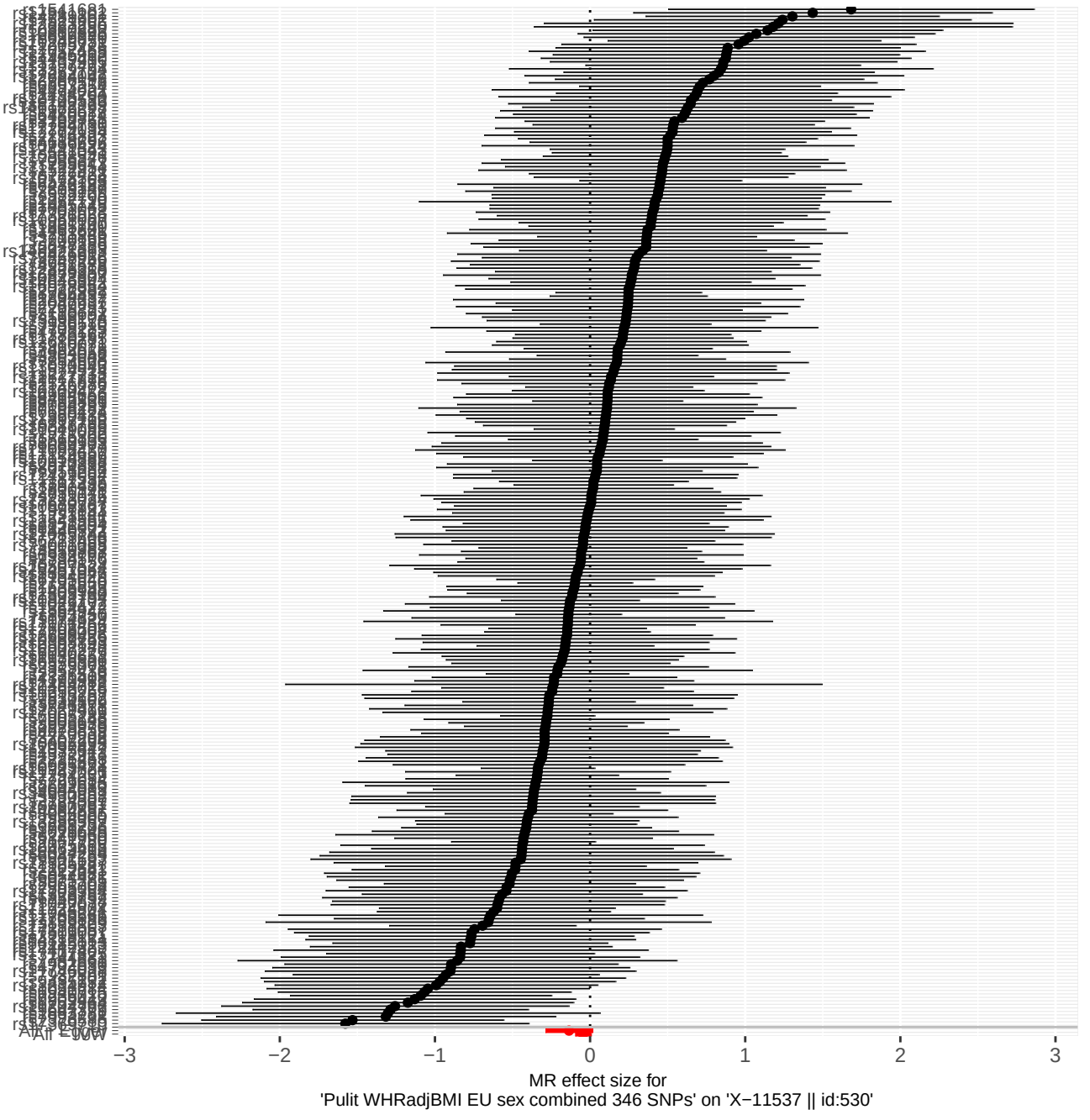

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11497 || id:525'

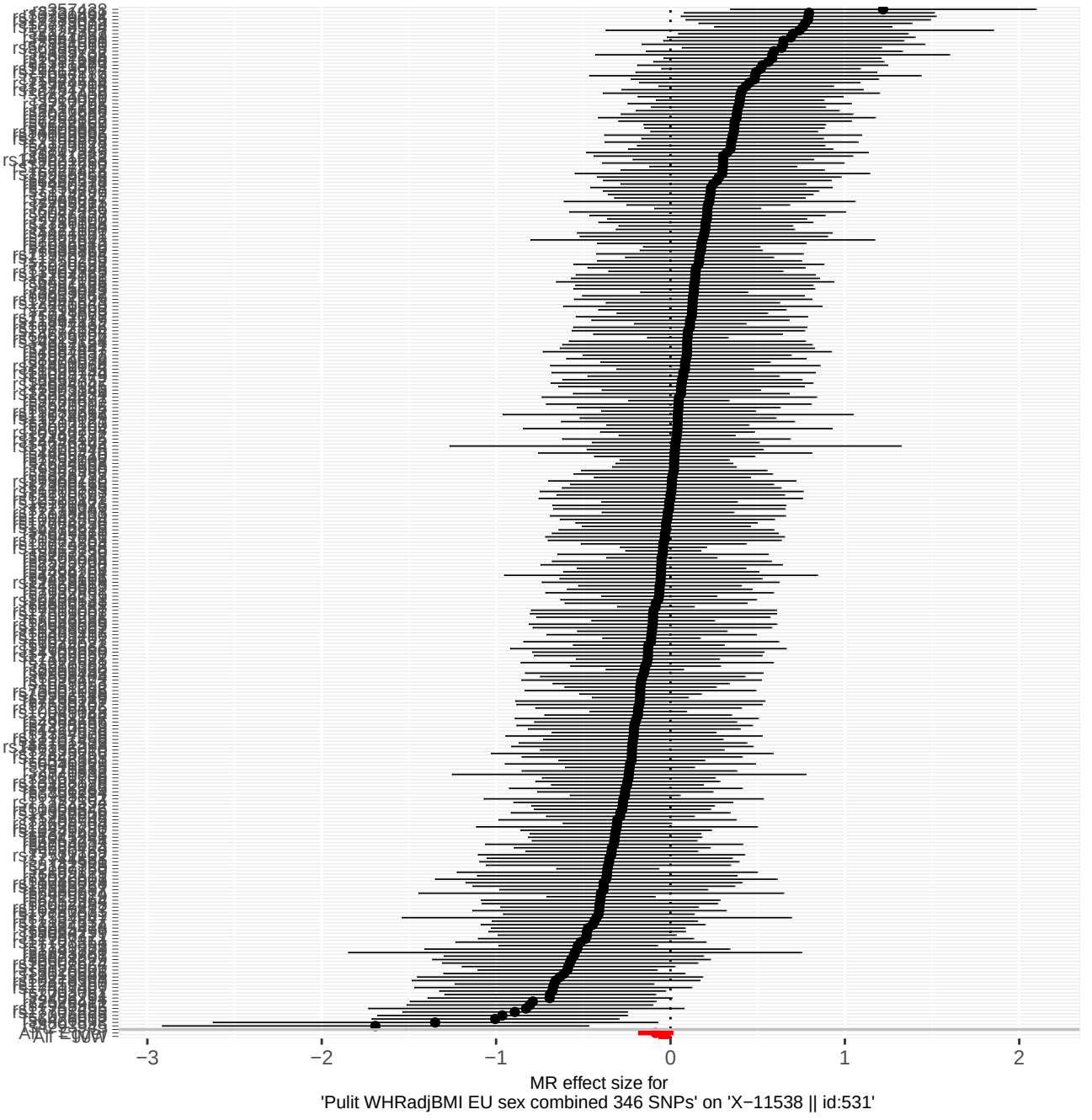

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'HWESASXX* || id:526'

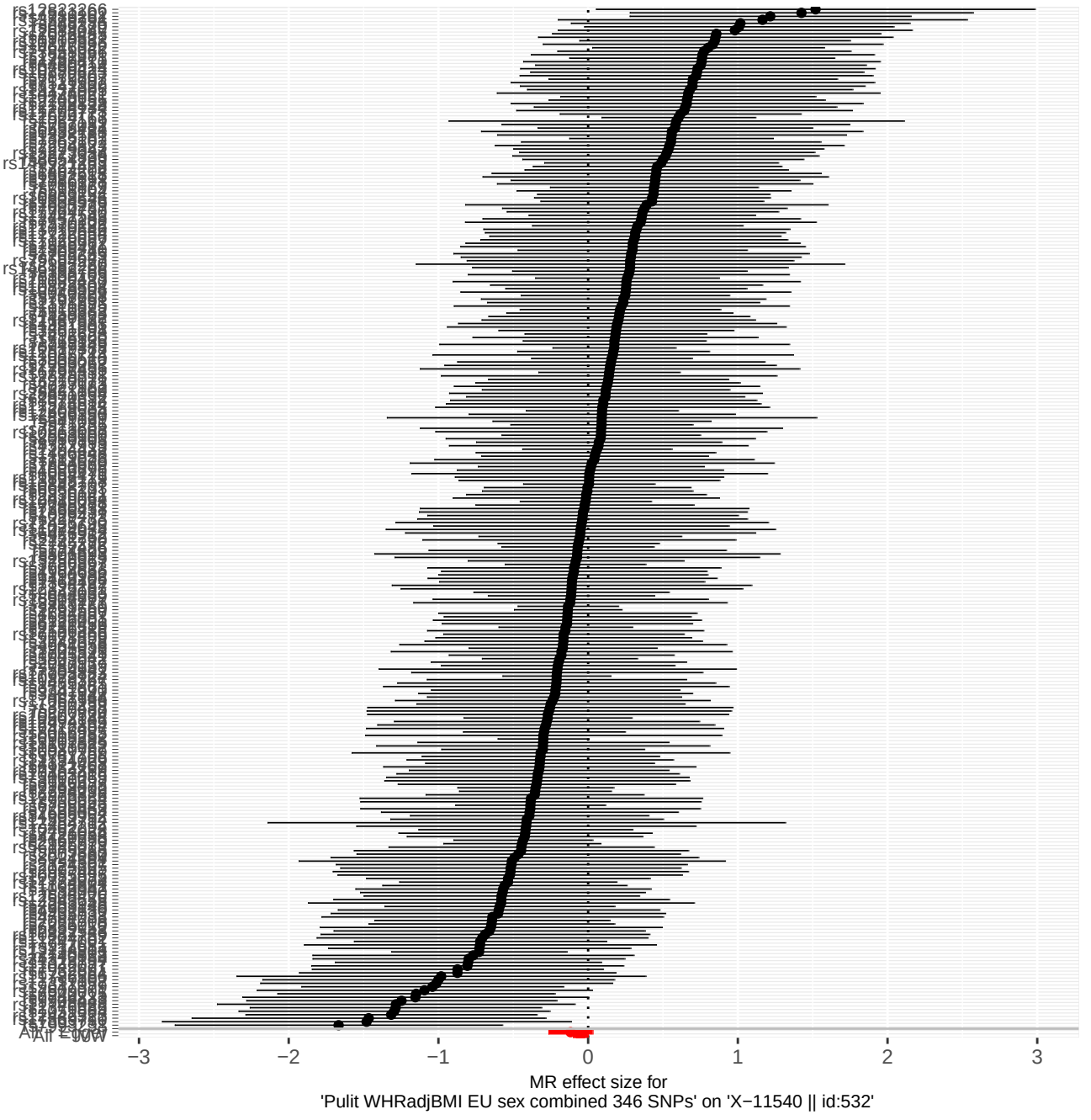

−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11521 || id:527'

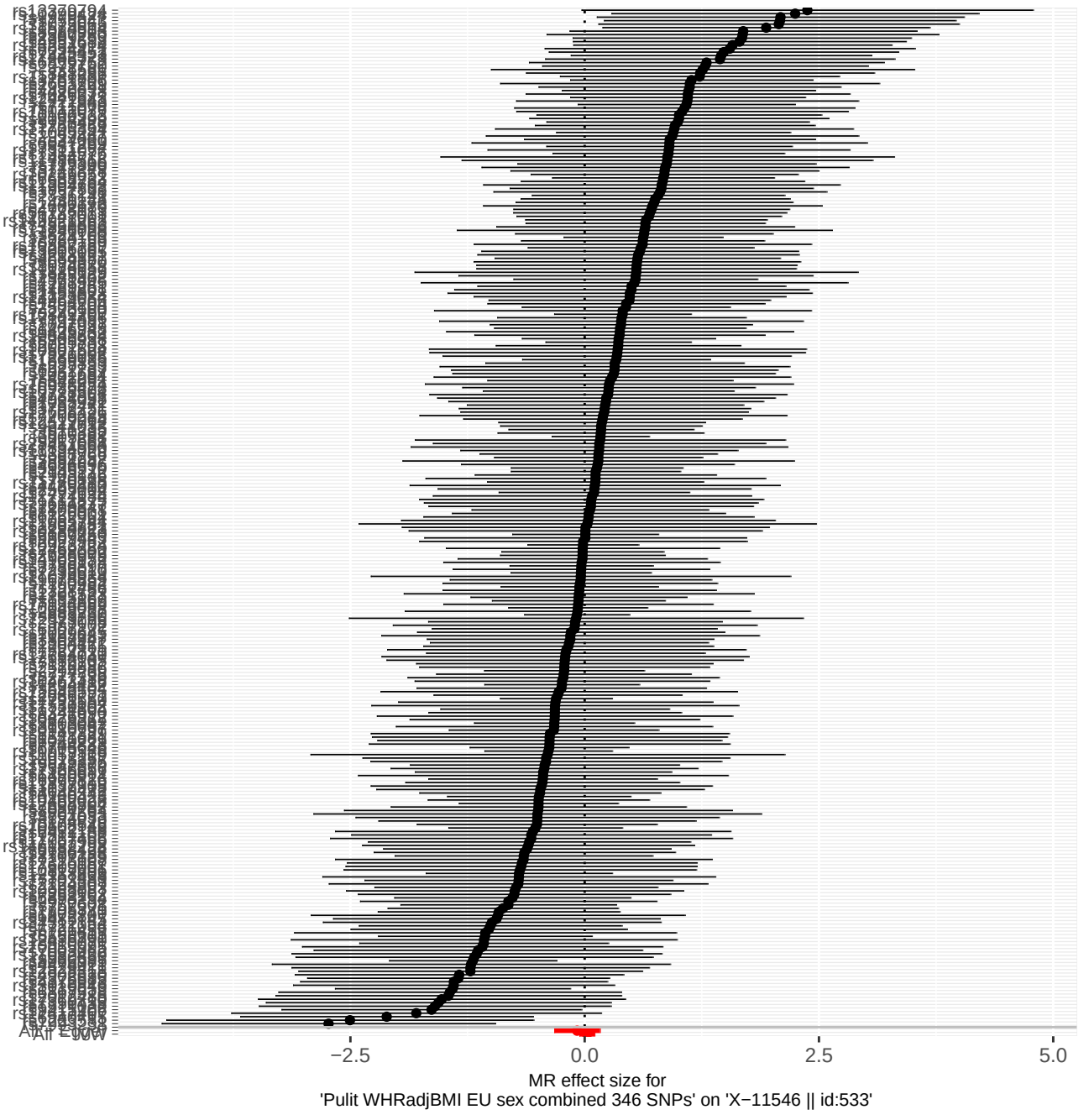

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11529 || id:528'

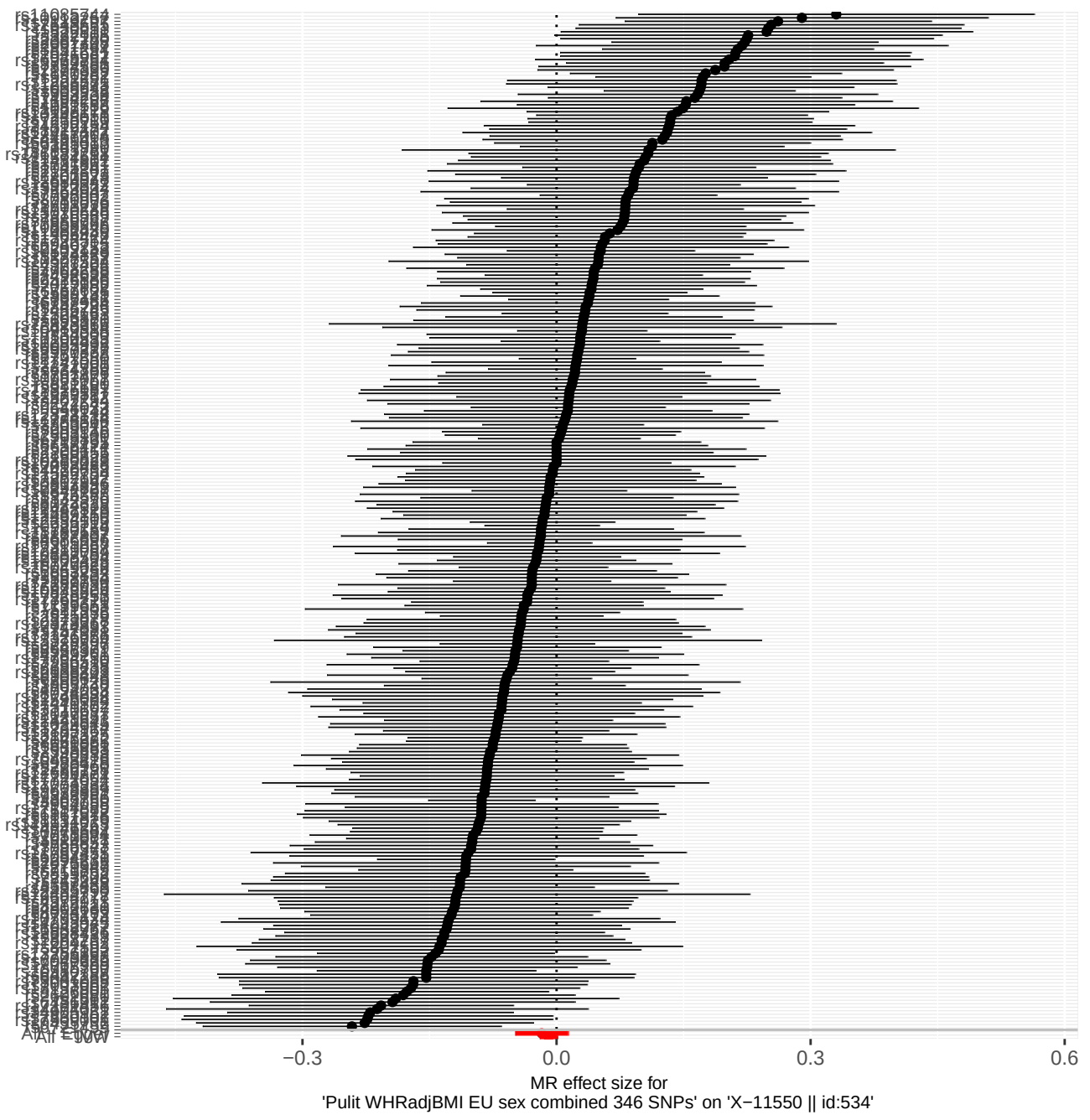

rs6486912
rs1
rs4
All − IVW
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11530 || id:529'

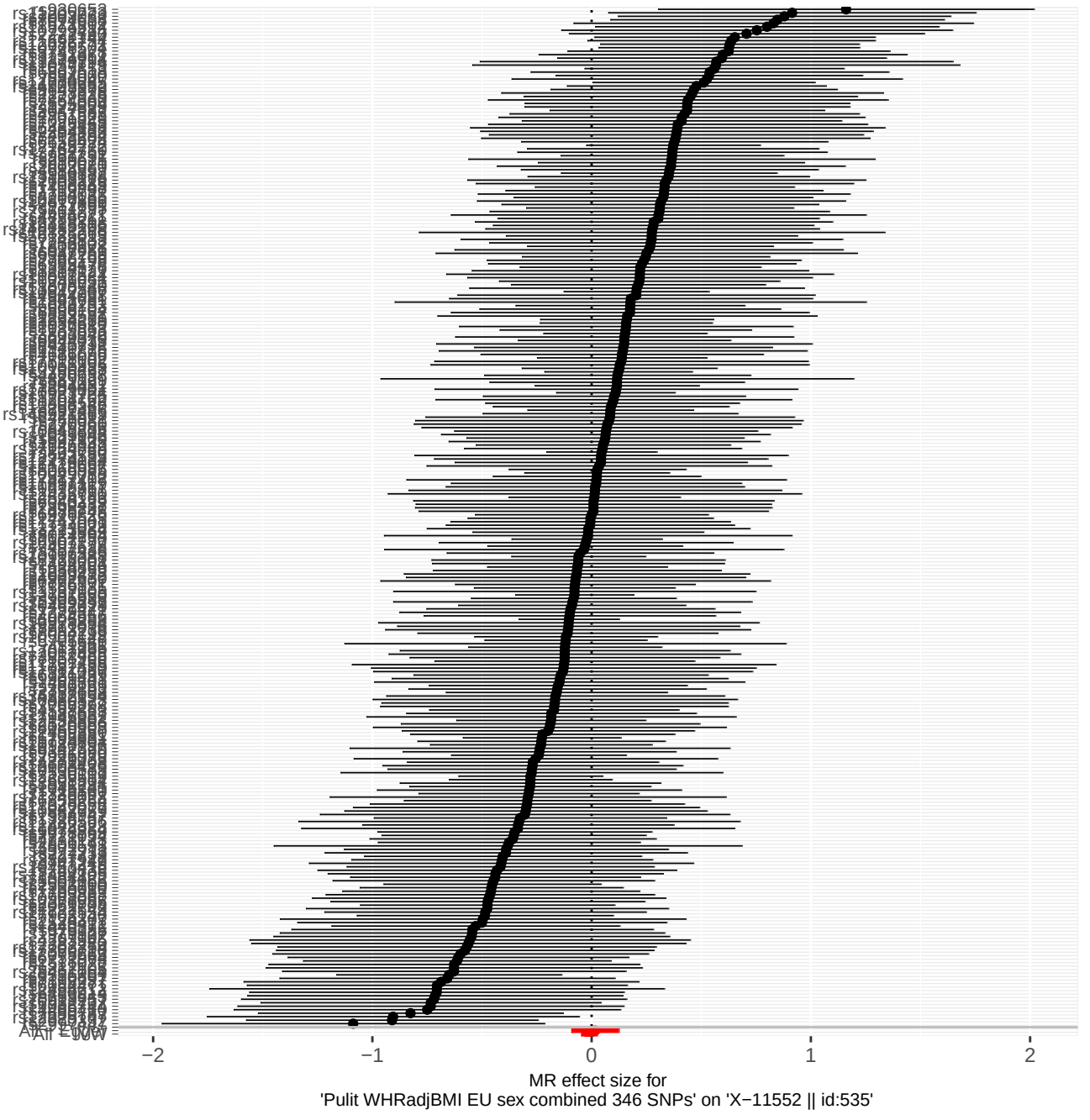

−3
−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11537 || id:530'

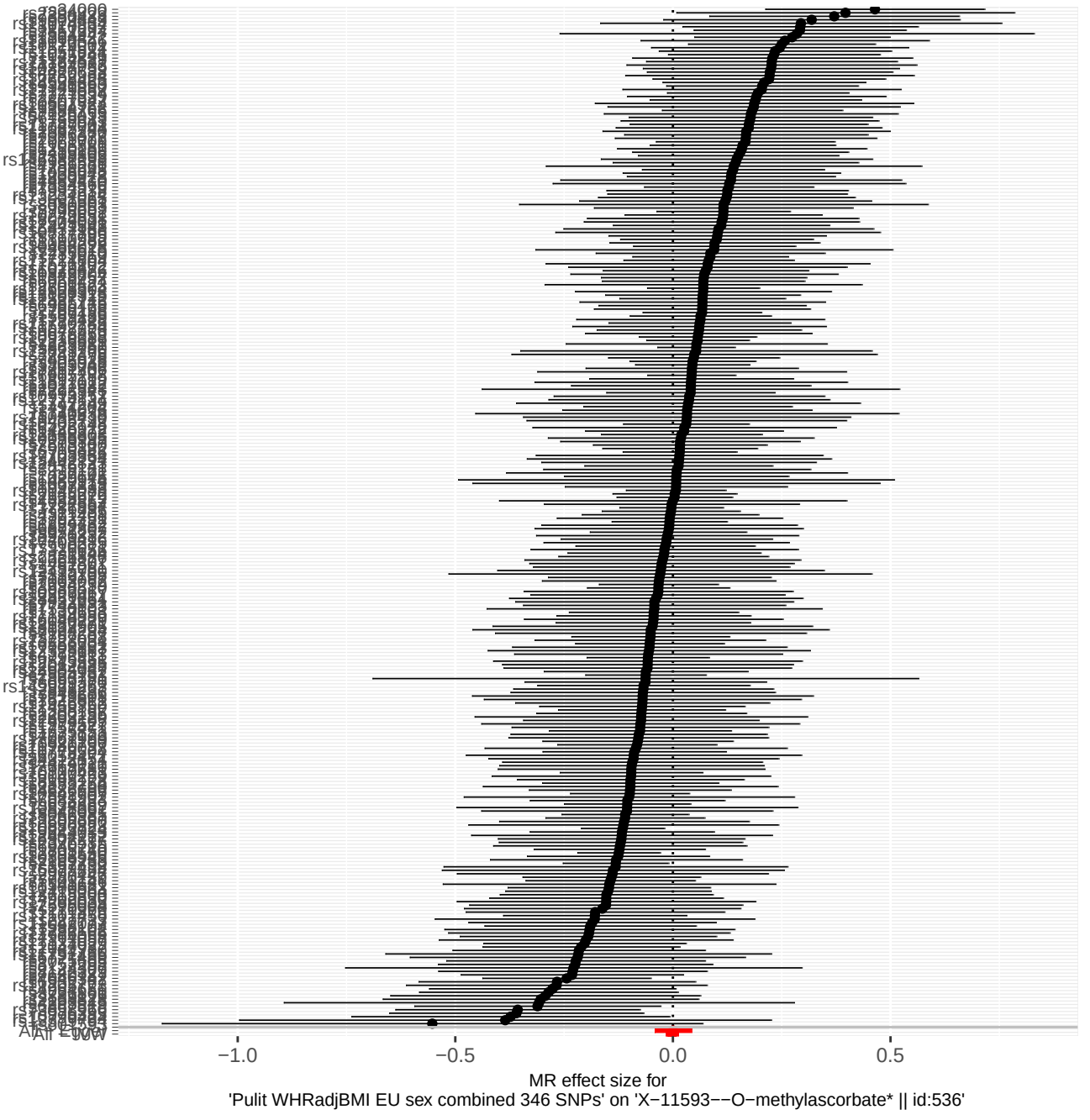

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11538 || id:531'

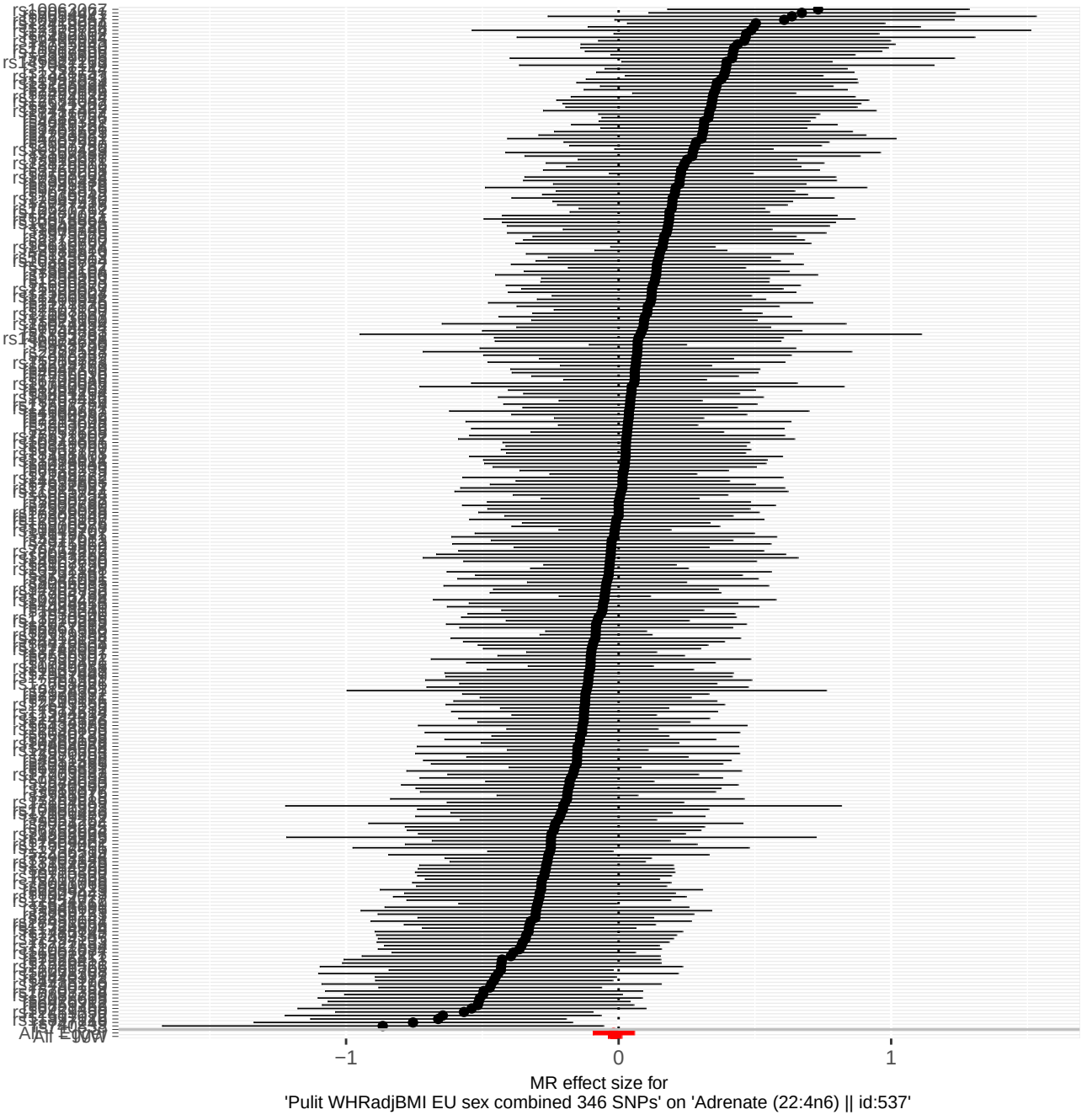

−3
−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11540 || id:532'

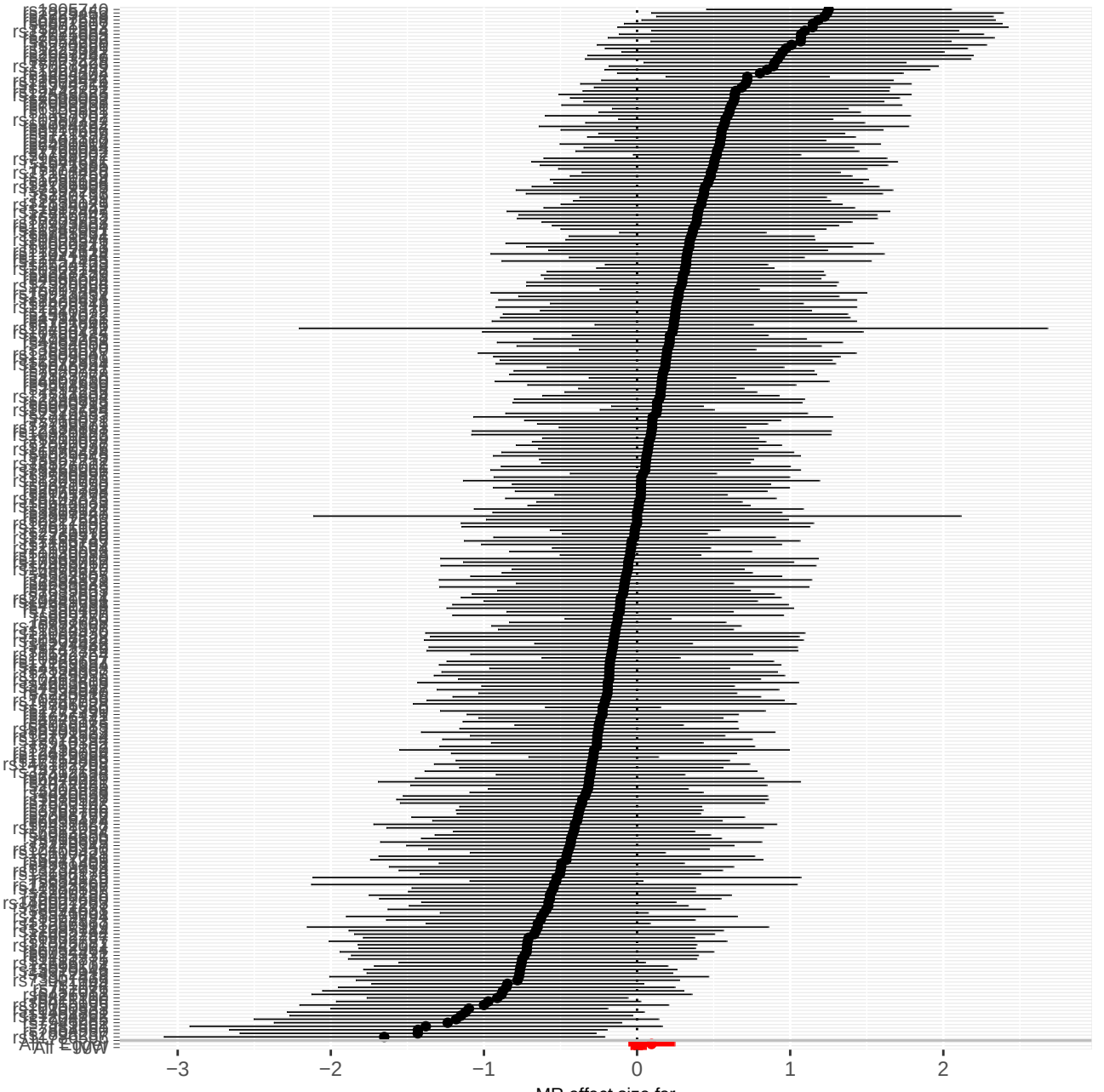

−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11546 || id:533'

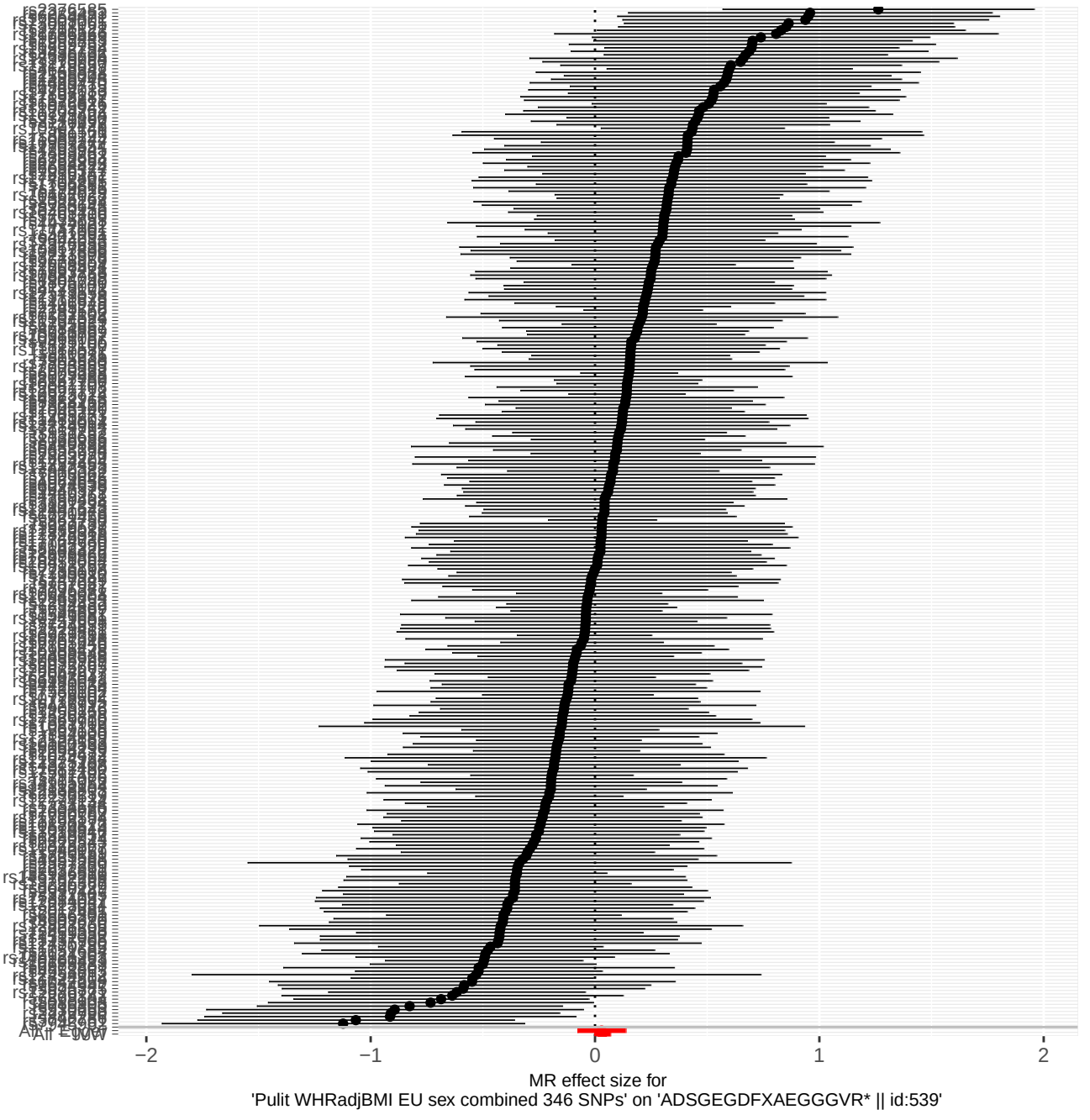

−0.3
0.0
0.3
0.6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11550 || id:534'

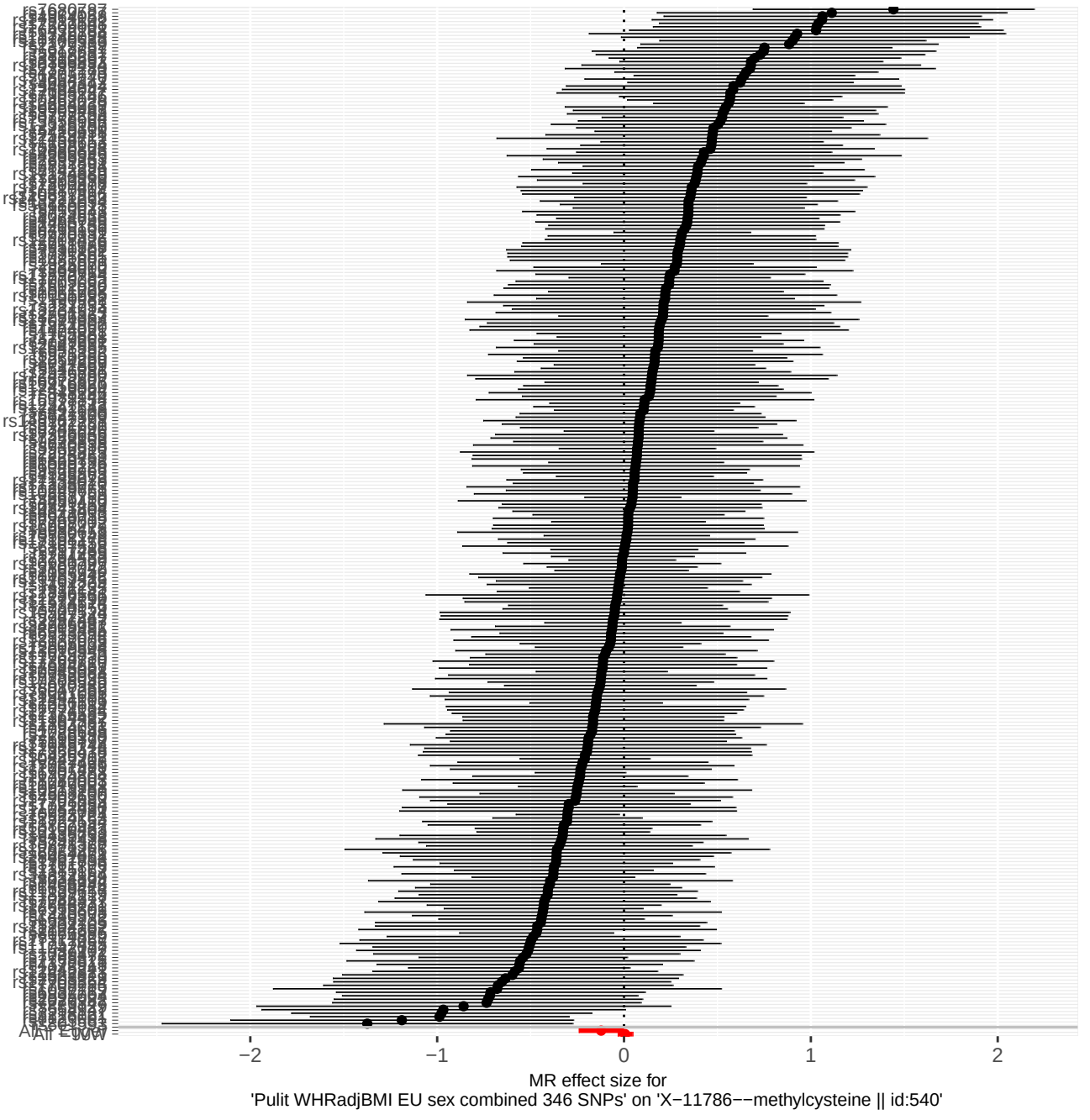

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11552 || id:535'

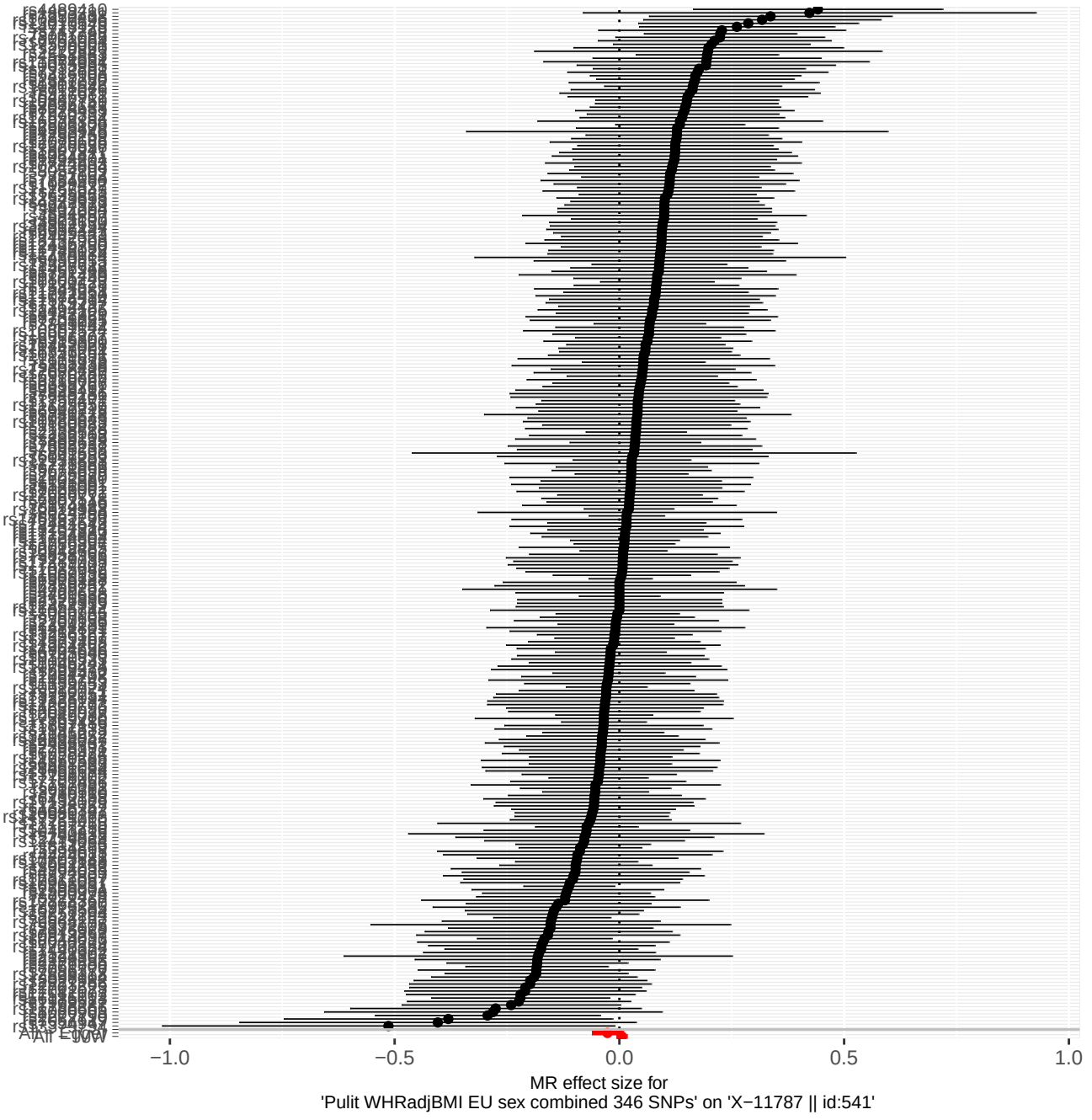

−1.0
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11593−−O−methylascorbate* || id:536'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Adrenate (22:4n6) || id:537'


−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Homostachydrine* || id:538'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'ADSGEGDFXAEGGGVR* || id:539'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11786−−methylcysteine || id:540'


−1.0
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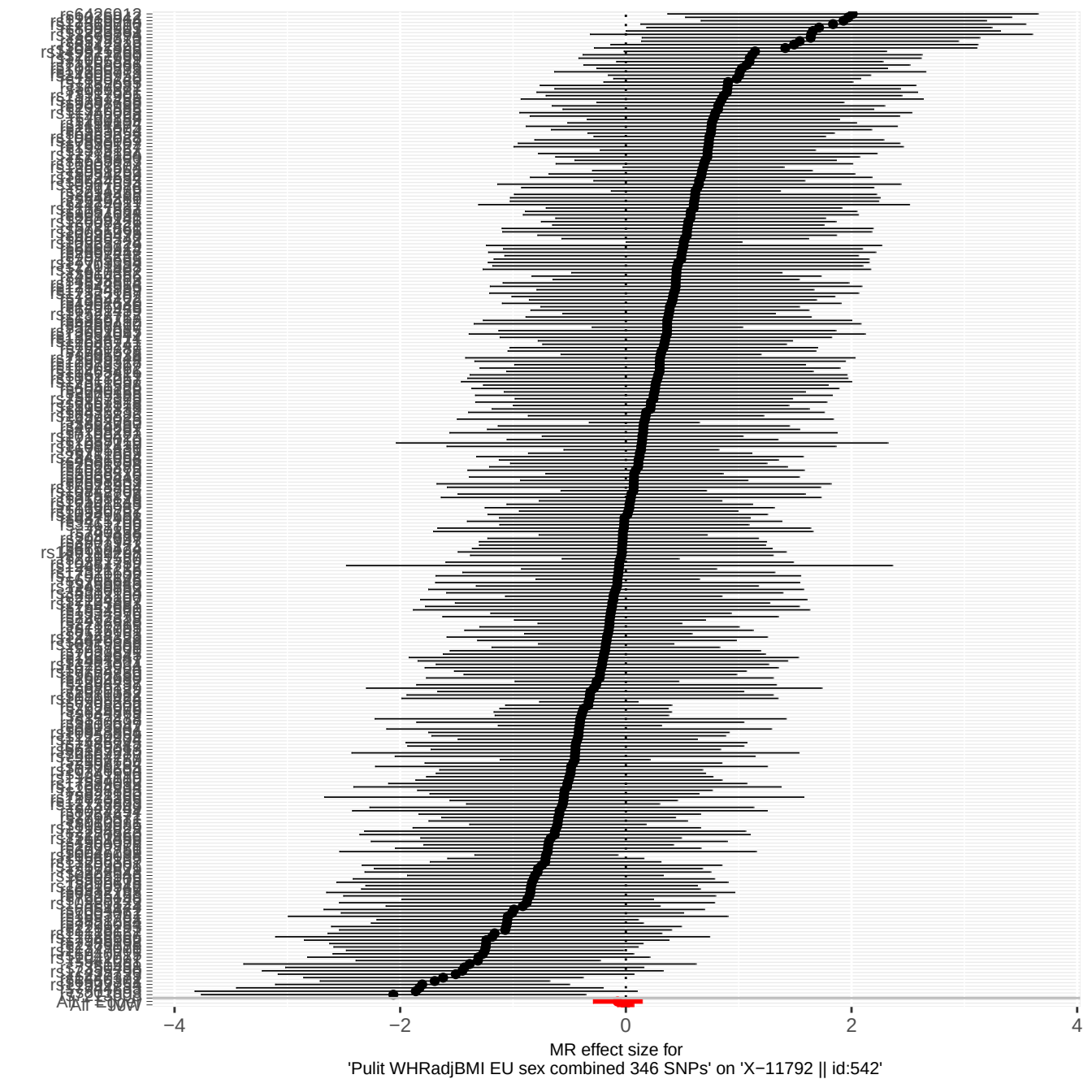
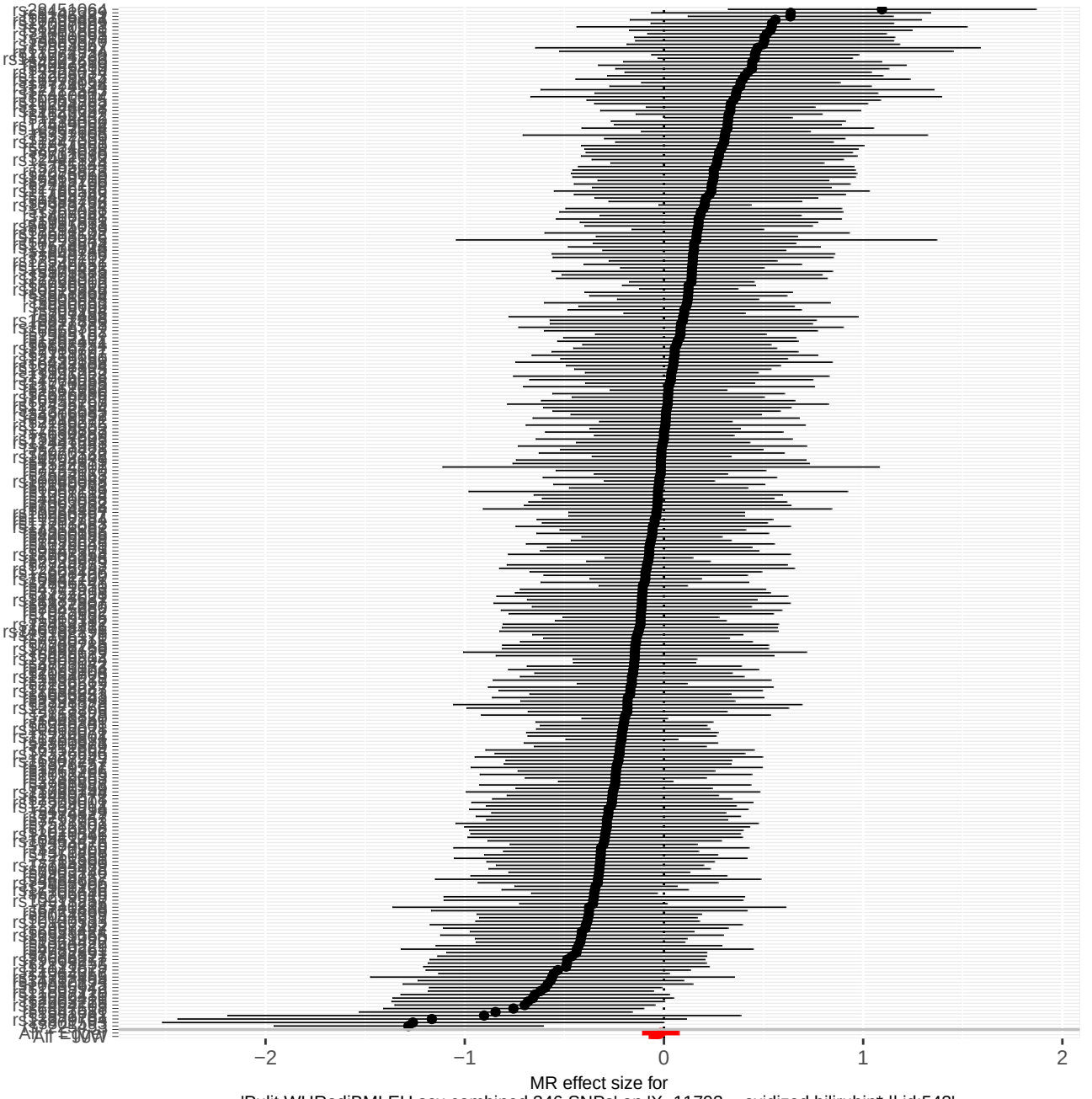
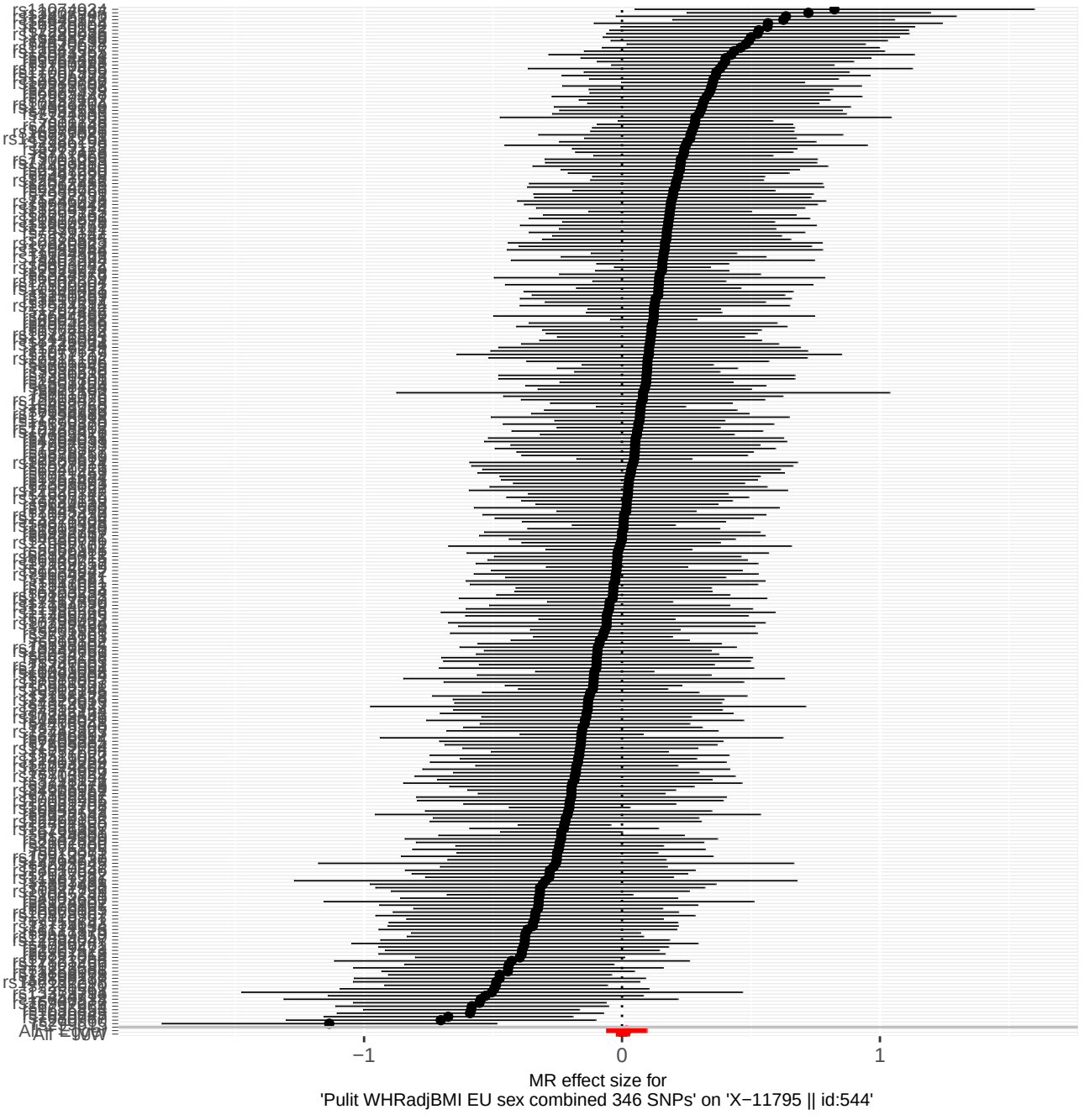
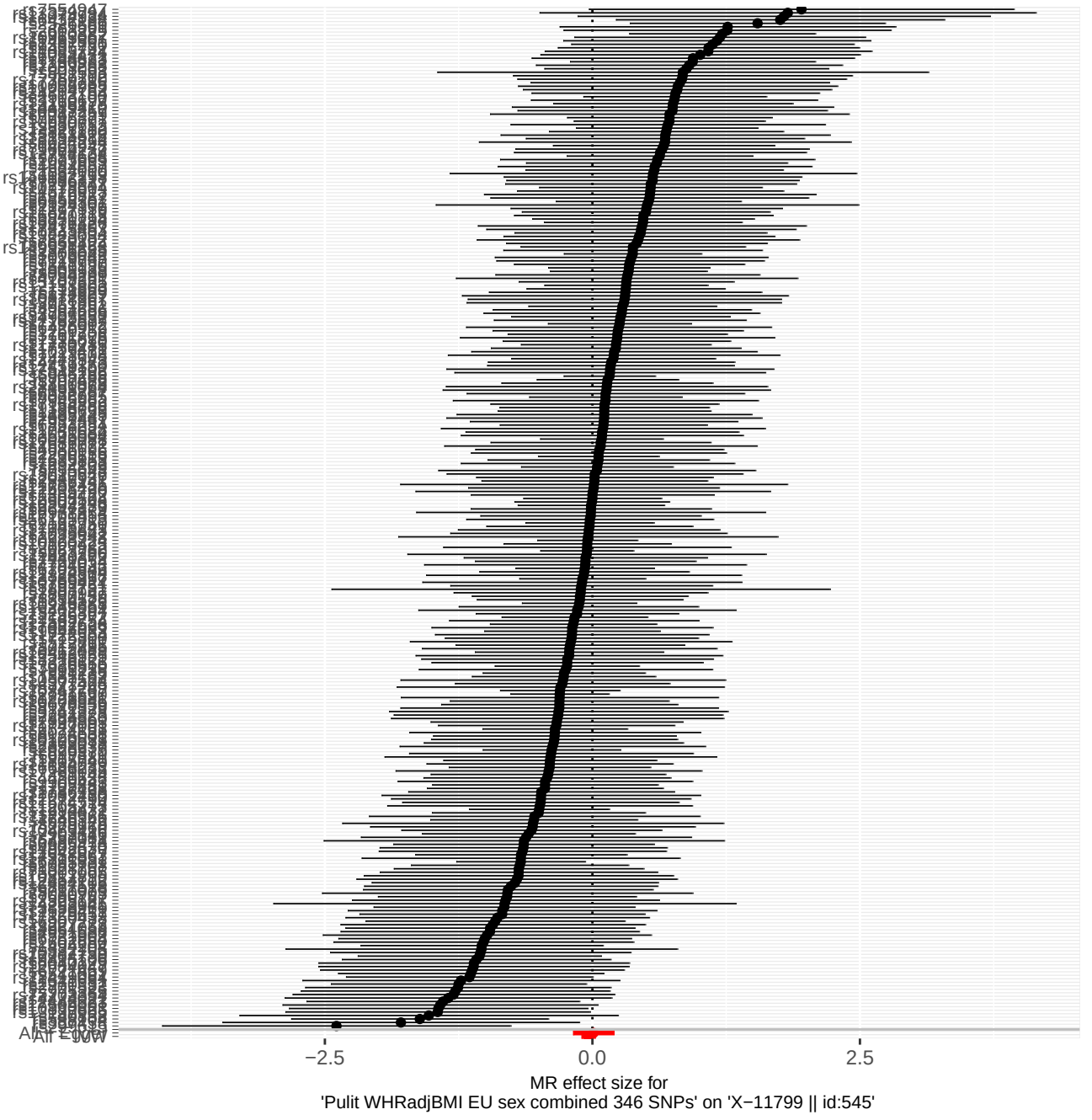
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11787 || id:541'


−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11792 || id:542'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11793−−oxidized bilirubin* || id:543'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11795 || id:544'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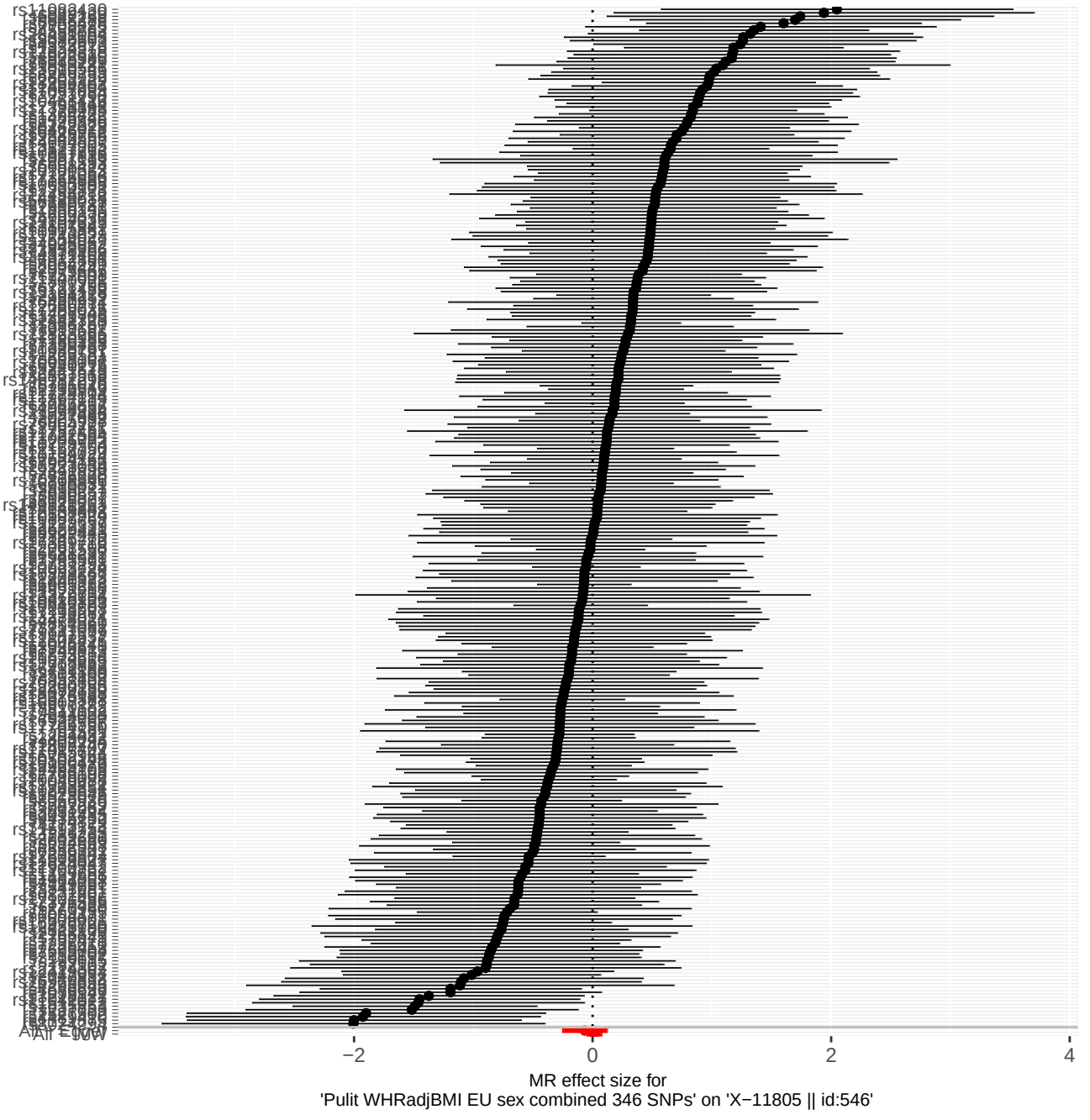
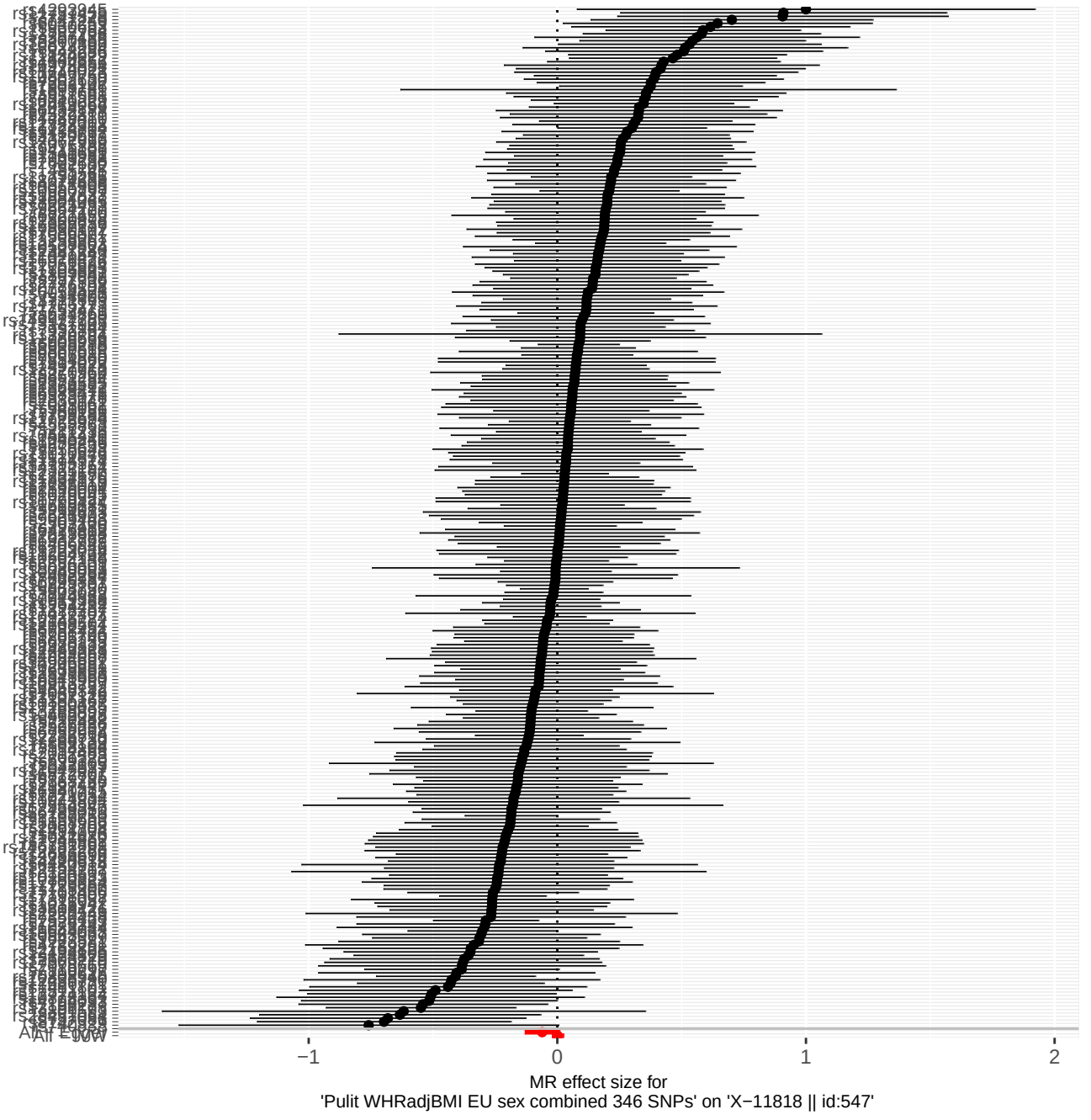
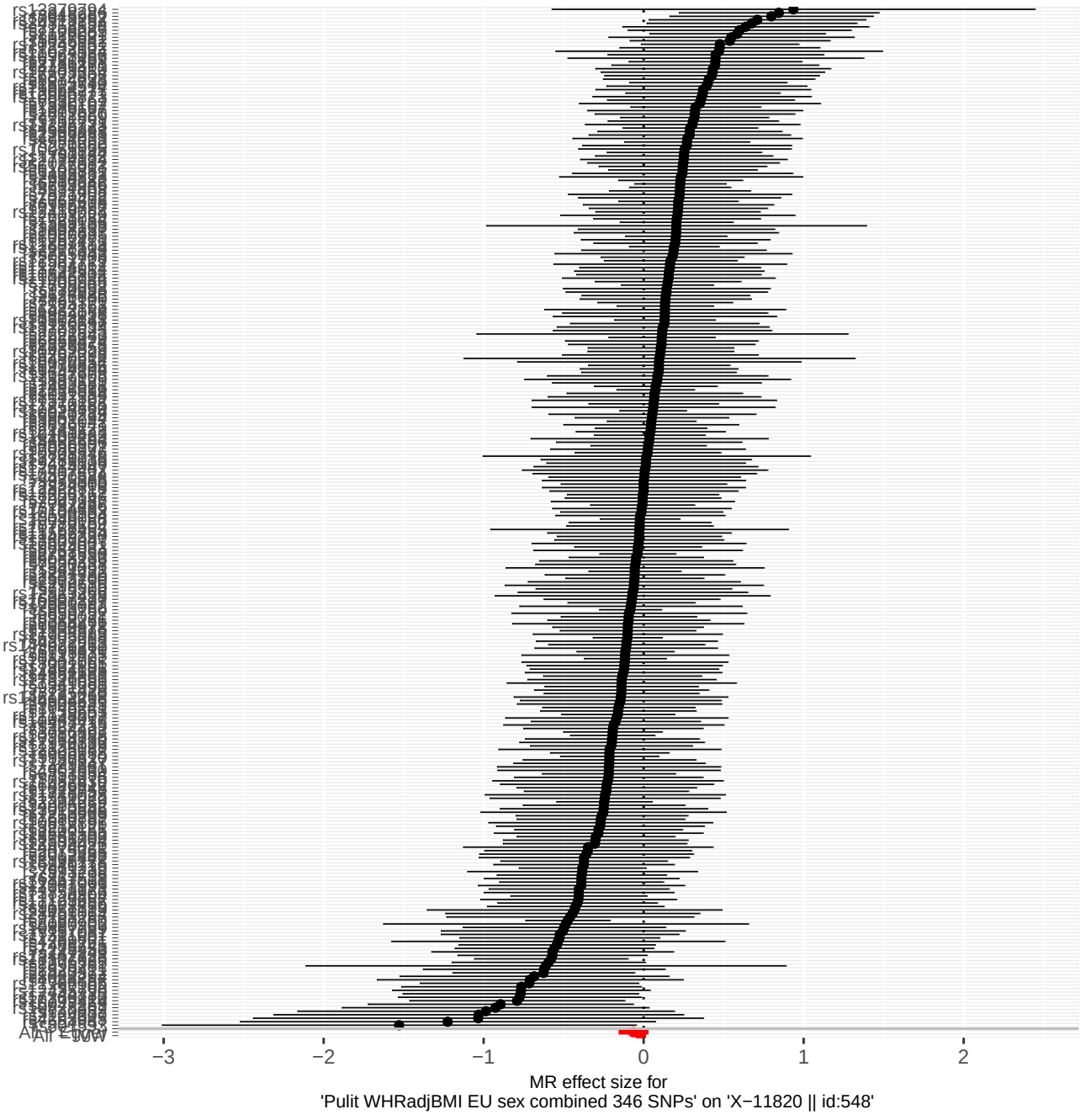
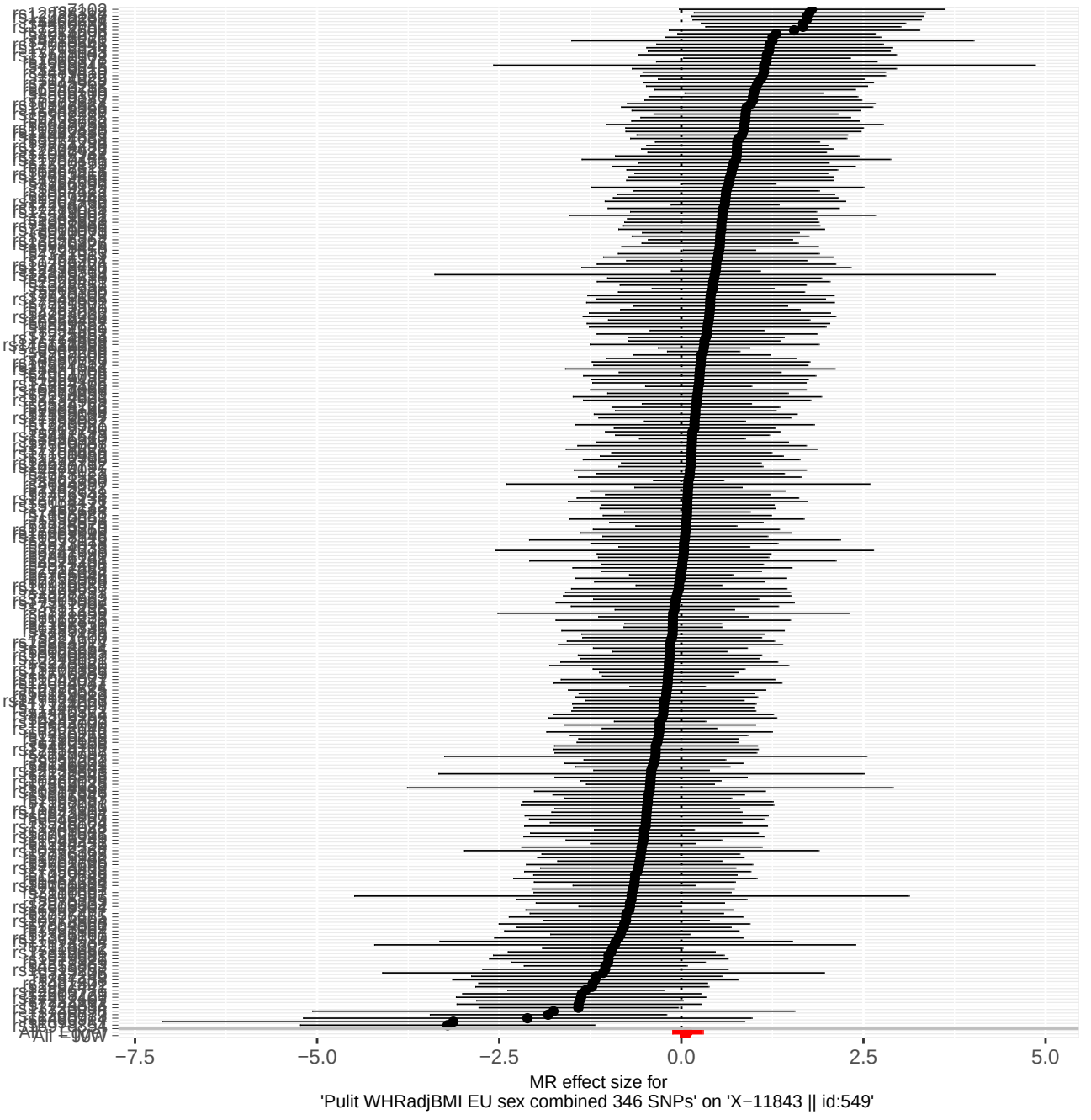
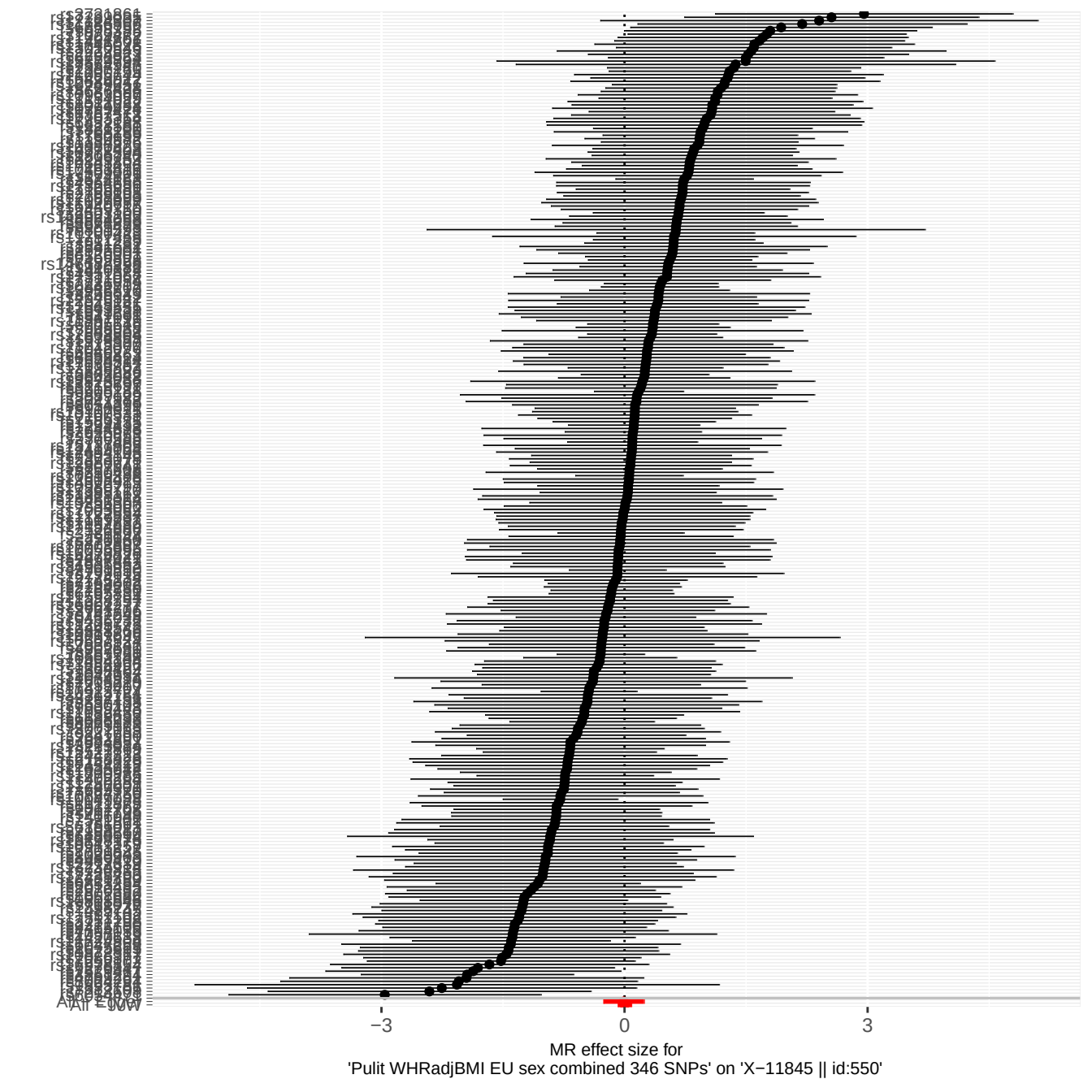
0.0
2.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11799 || id:545'

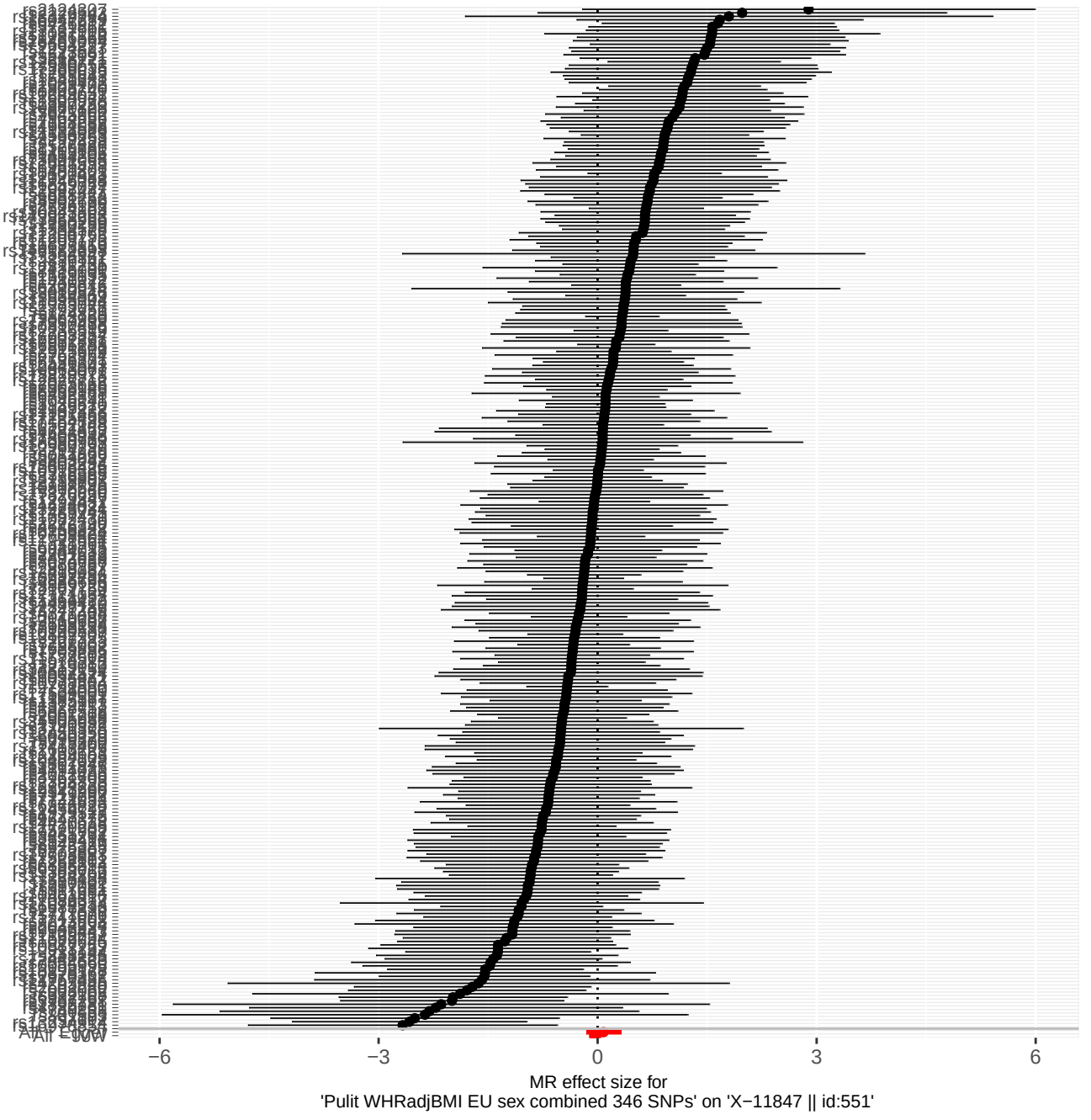

−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11805 || id:546'

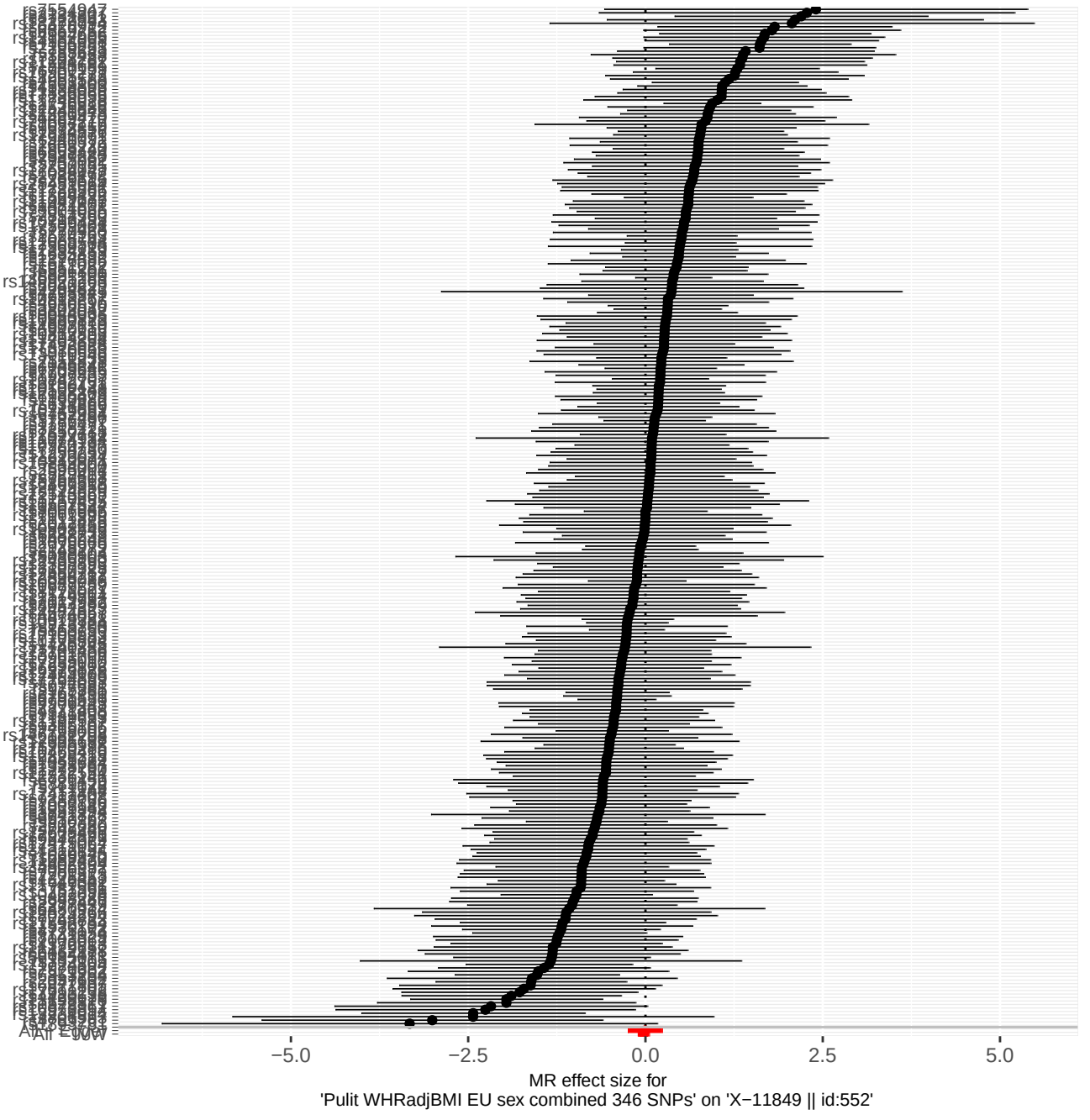

All - IVW
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11818 || id:547'

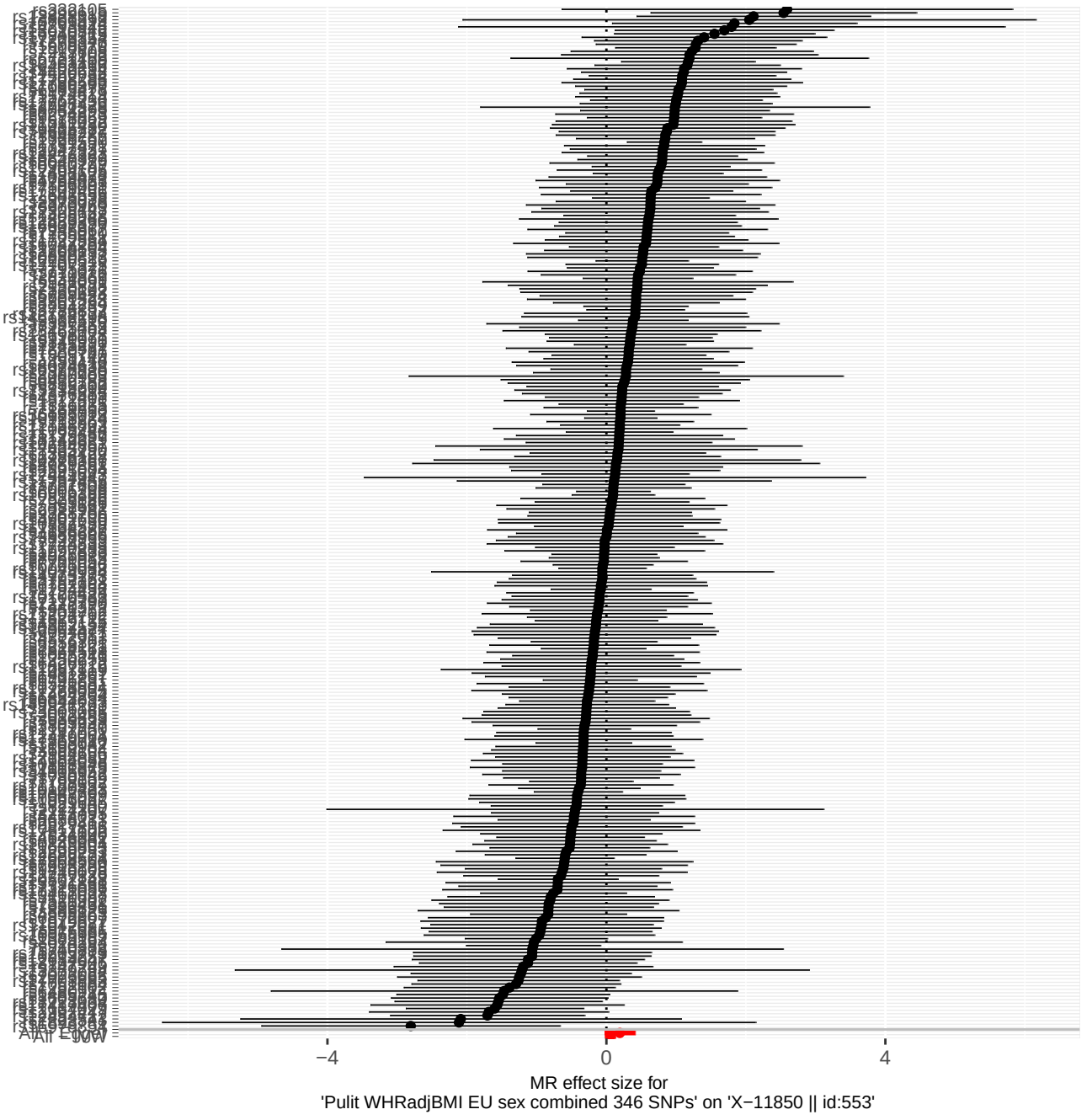

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11820 || id:548'

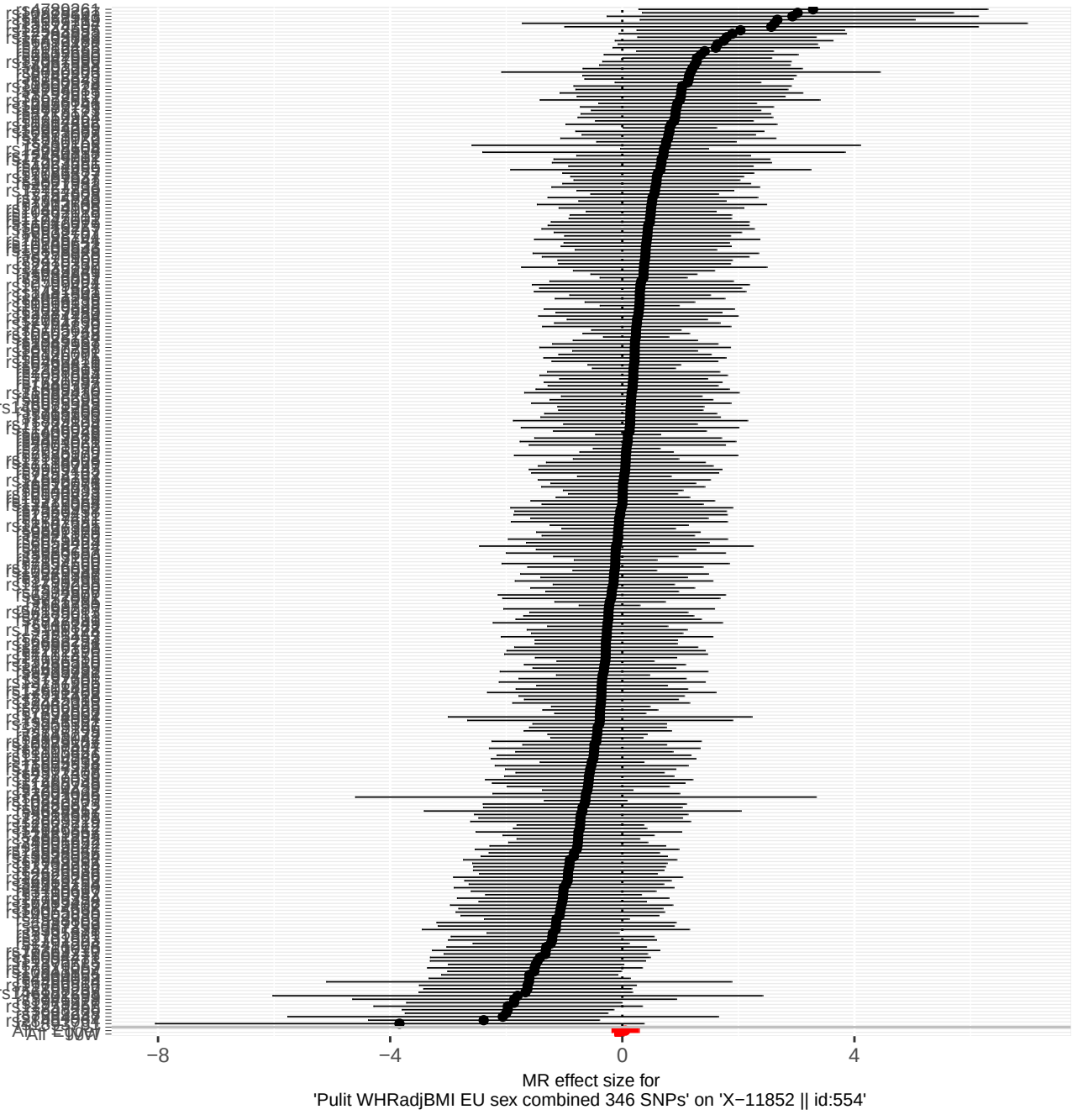

−7.5
−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11843 || id:549'

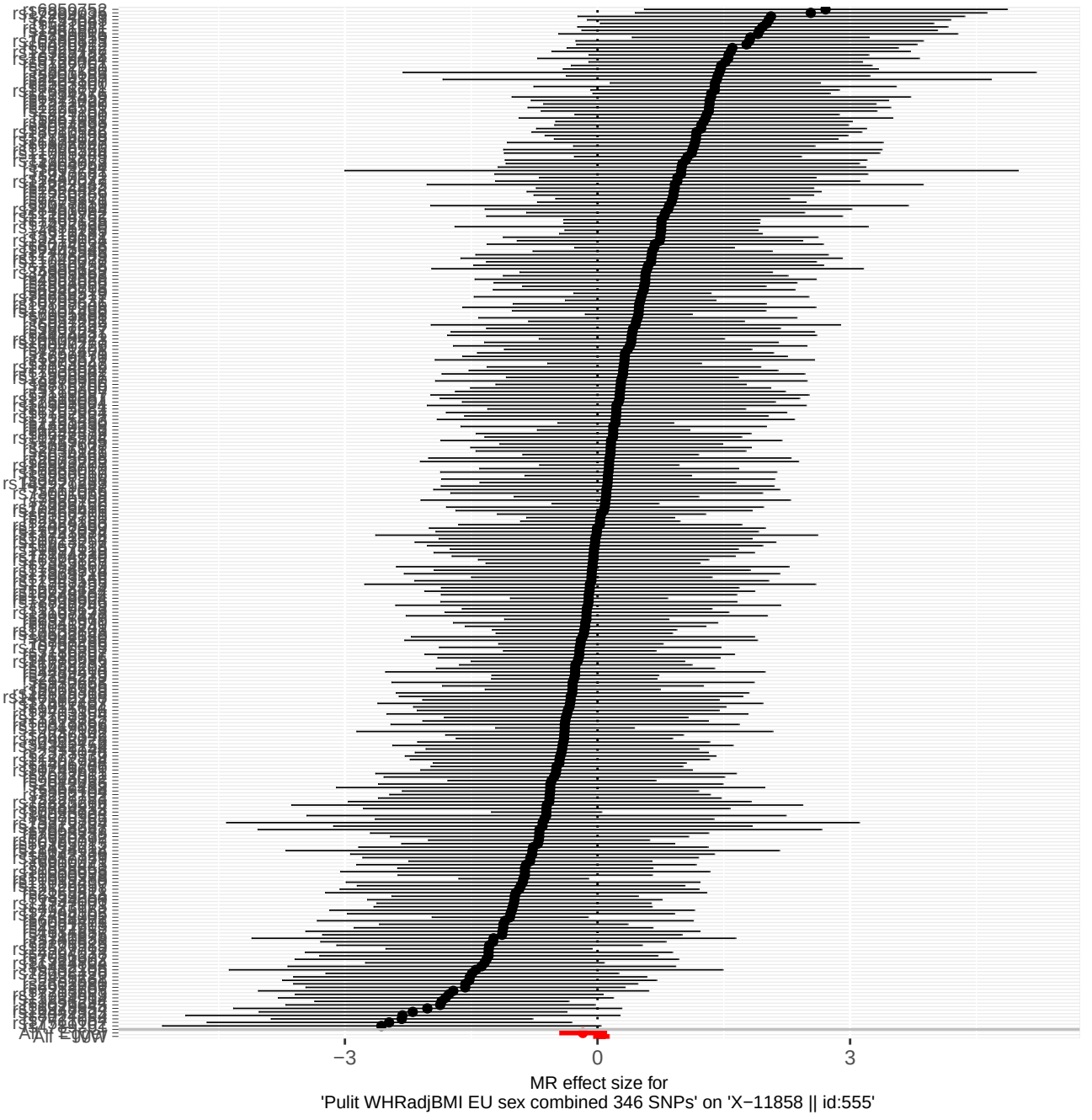

−3
0
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11845 || id:550'

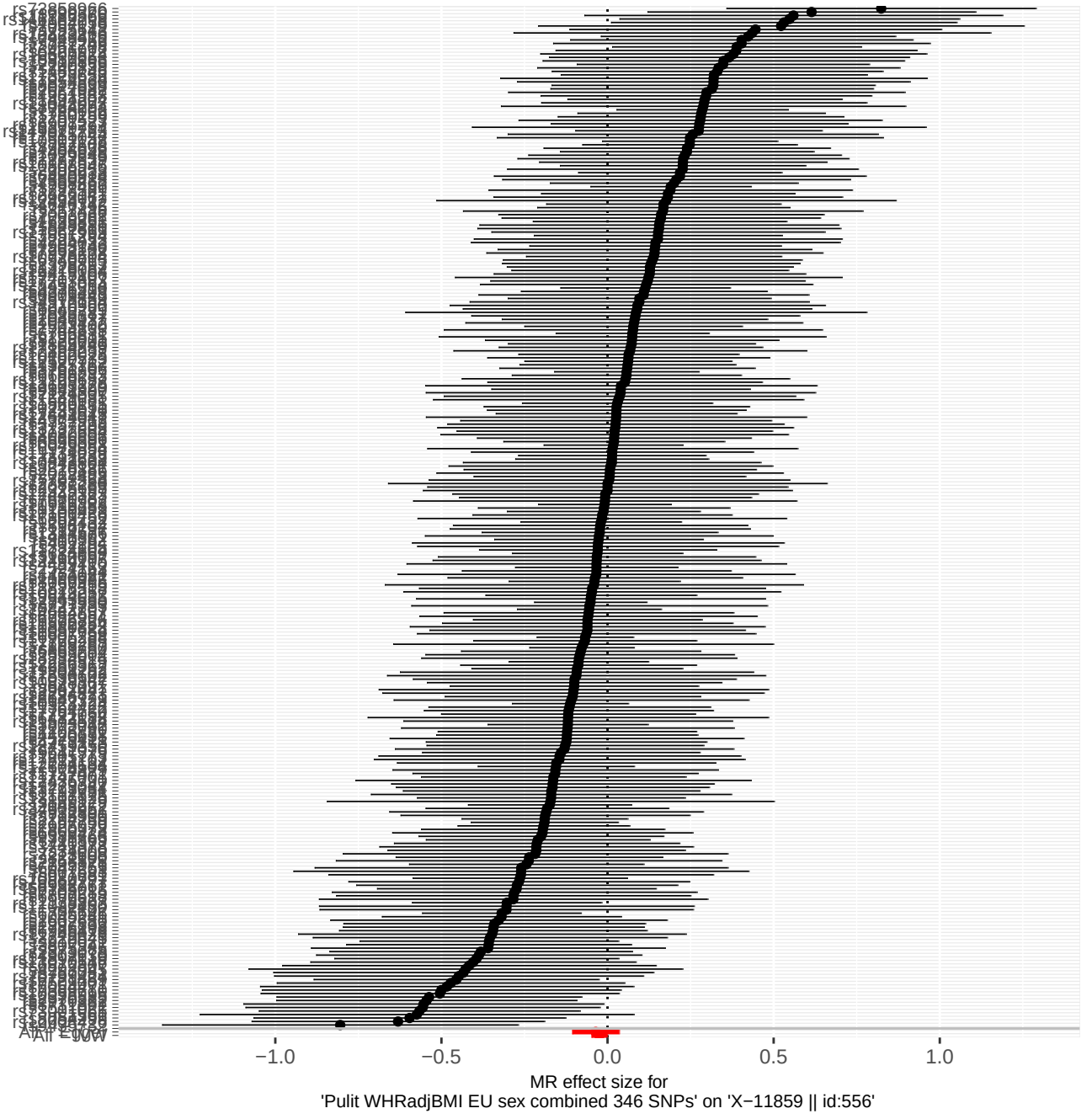

−6
−3
0
3
6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11847 || id:551'

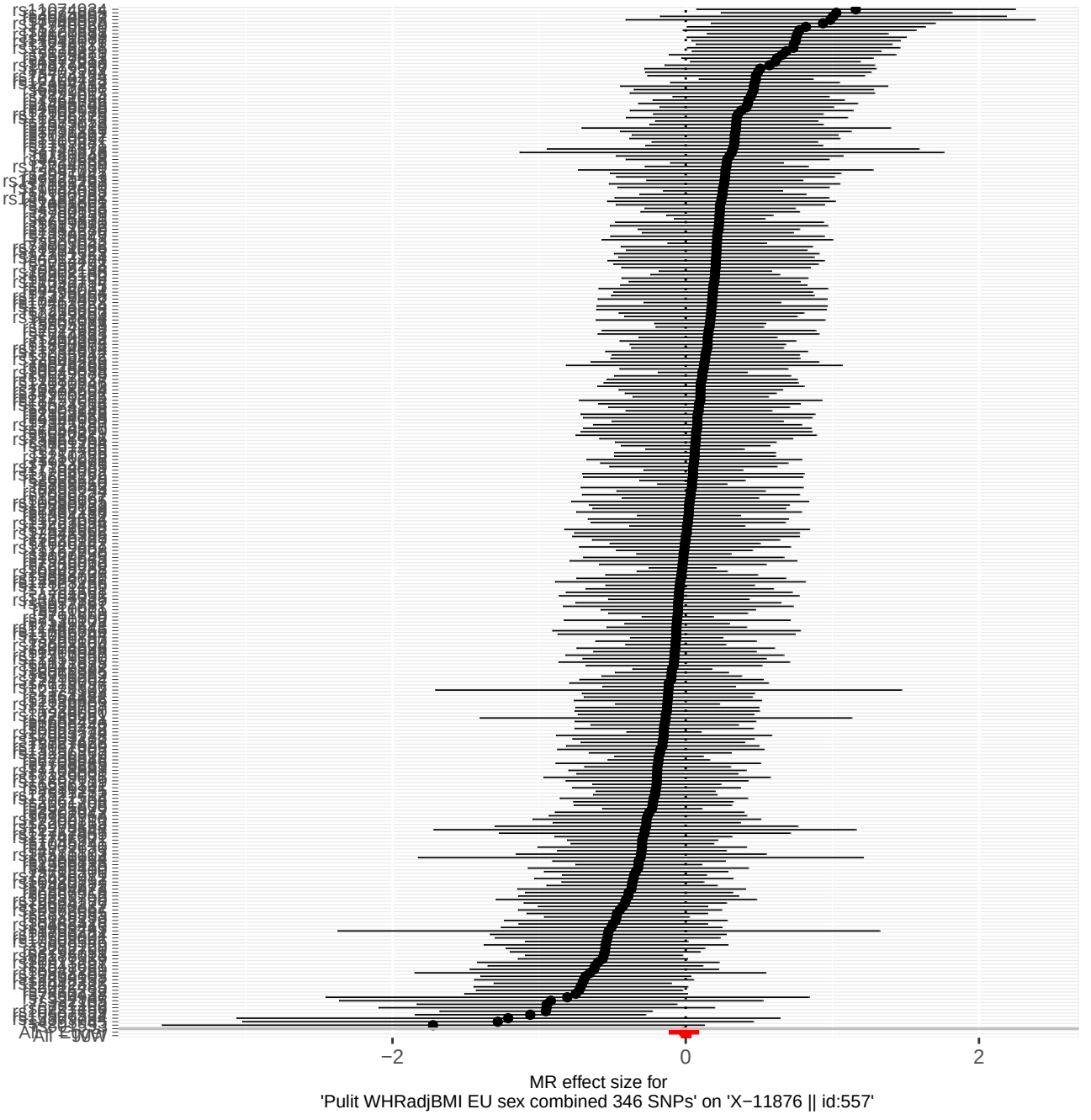

−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11849 || id:552'

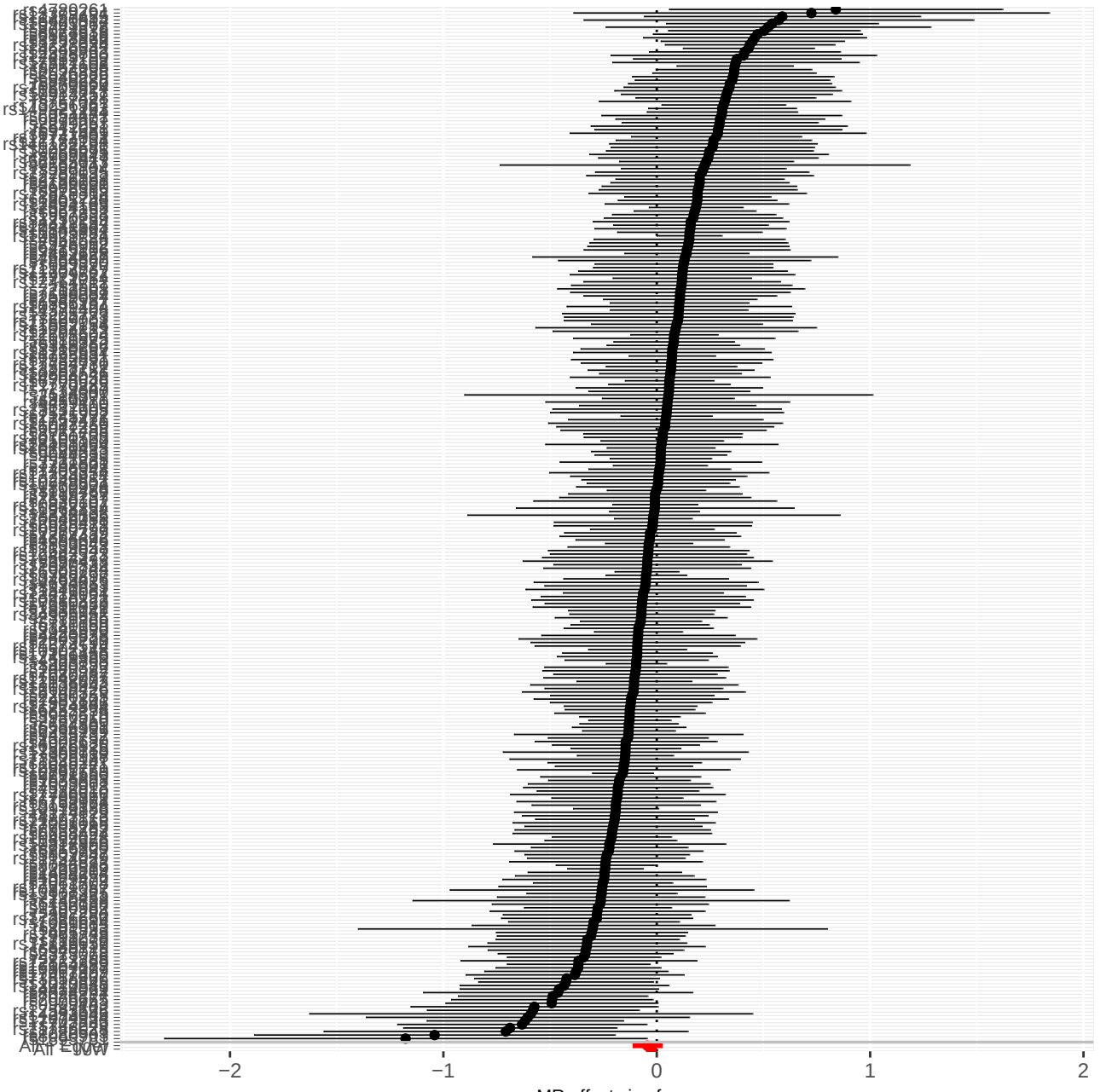

−4
0
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11850 || id:553'

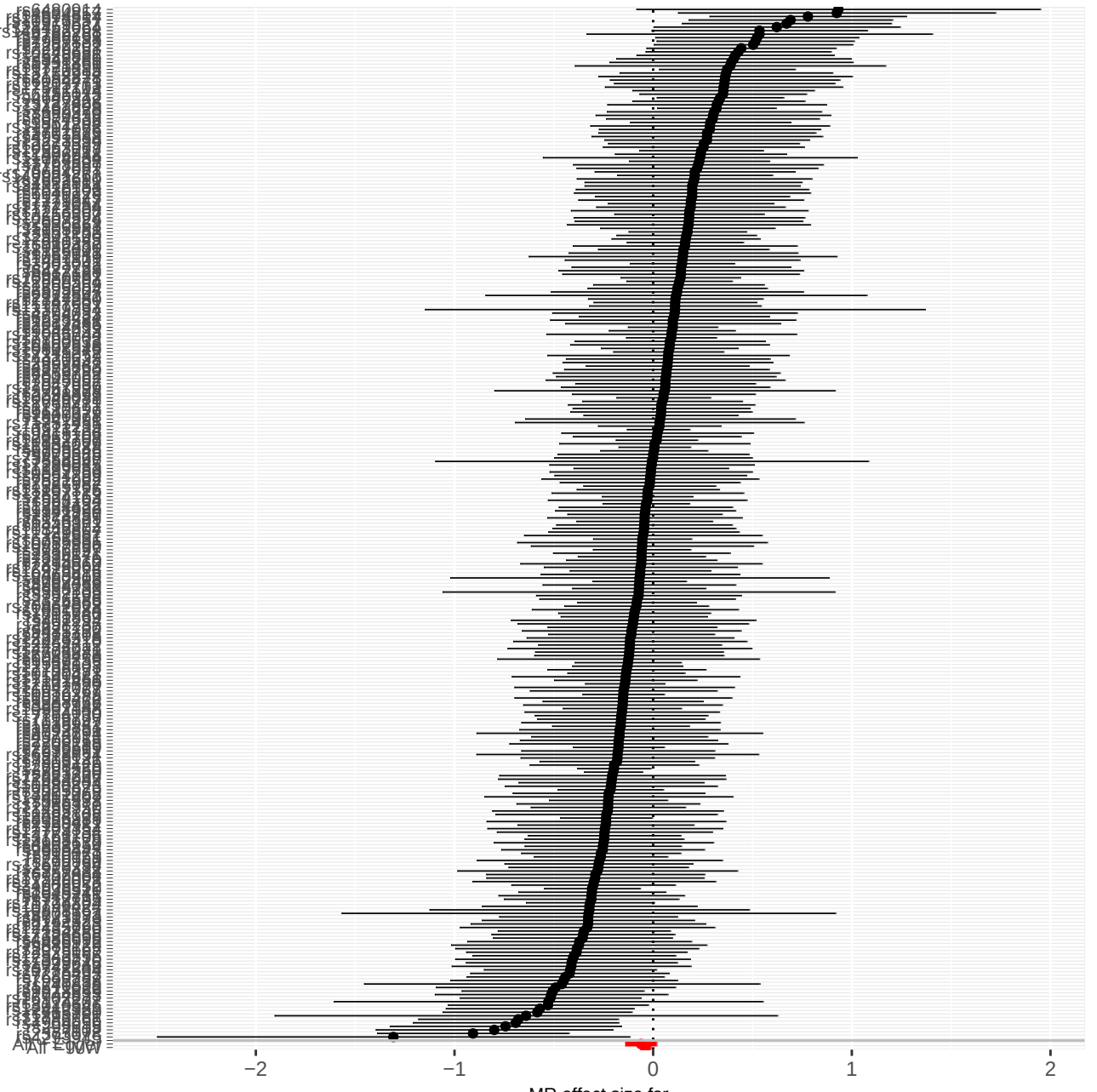

−8
−4
0
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11852 || id:554'

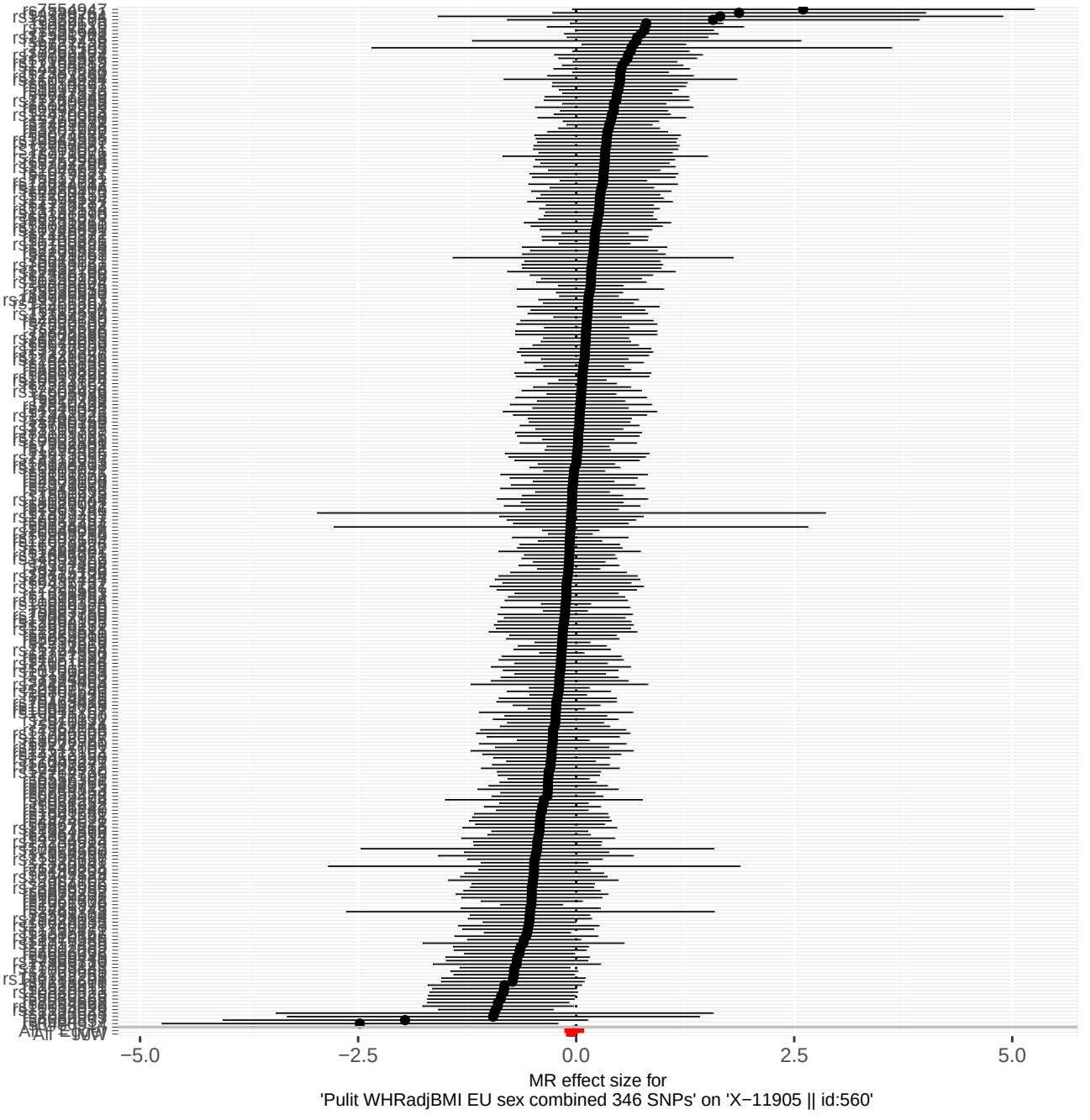

−3
0
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11858 || id:555'

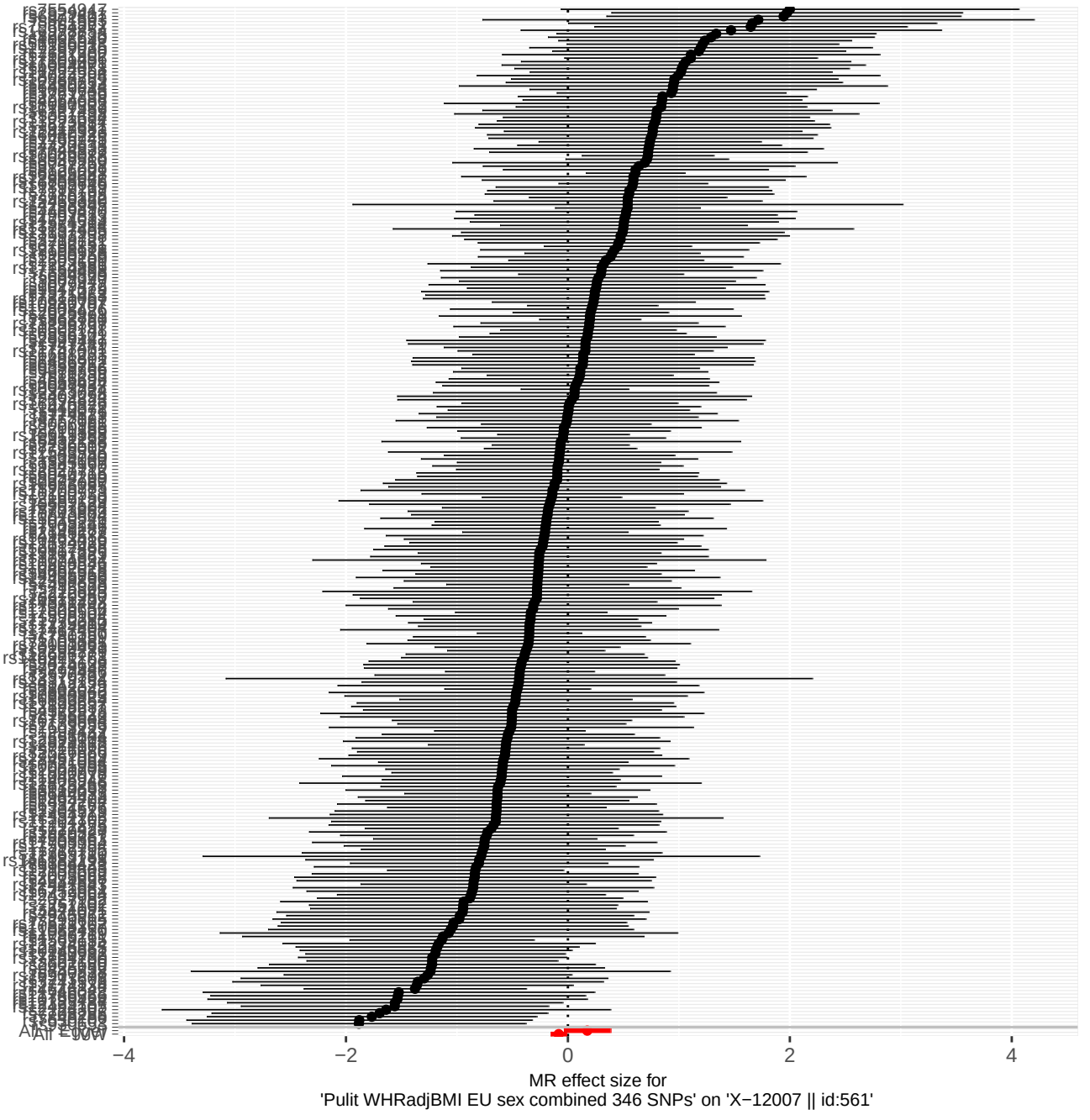

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11859 || id:556'

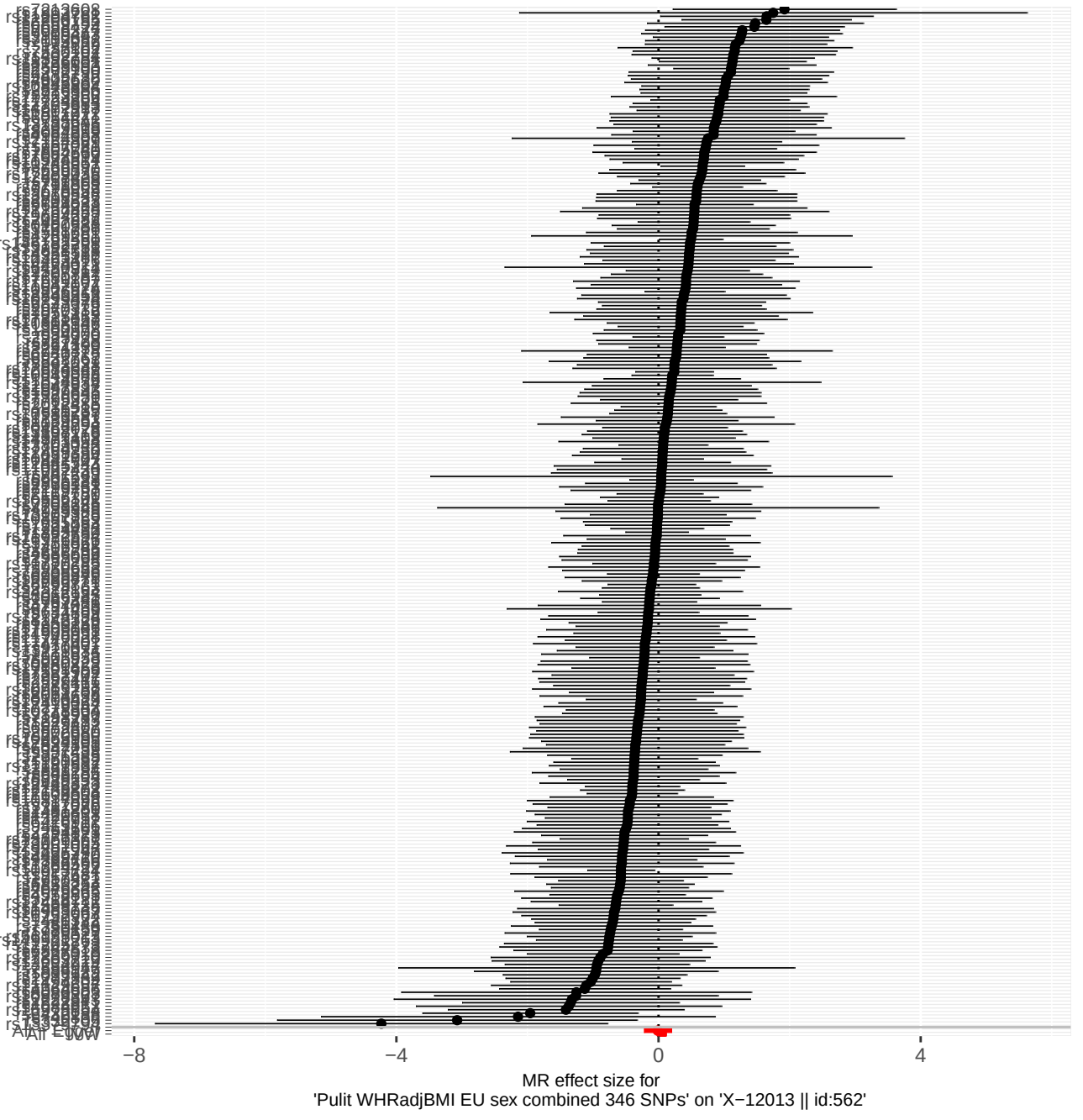

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11876 || id:557'

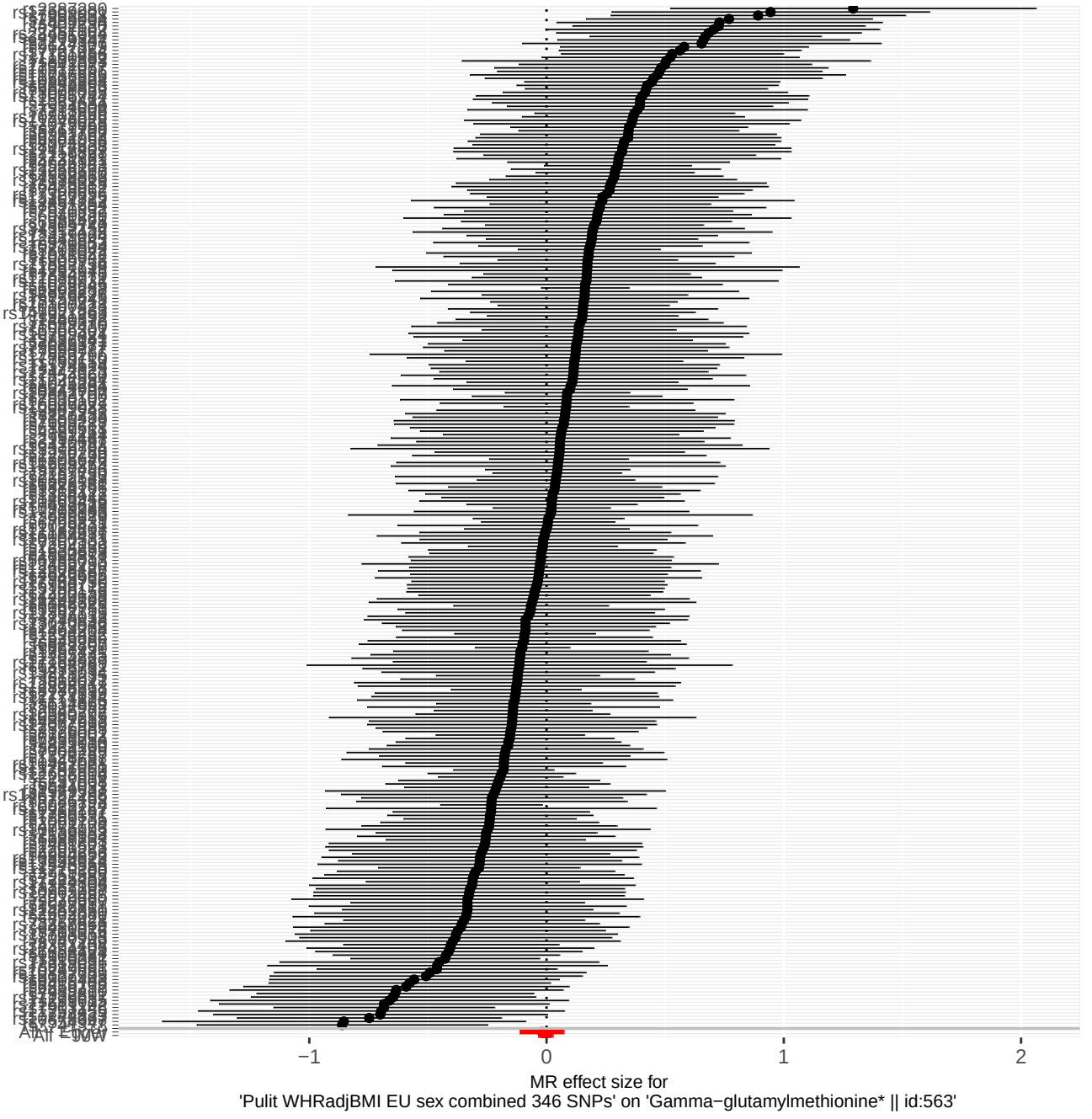

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−arachidonoylglycerophosphocholine* || id:558'

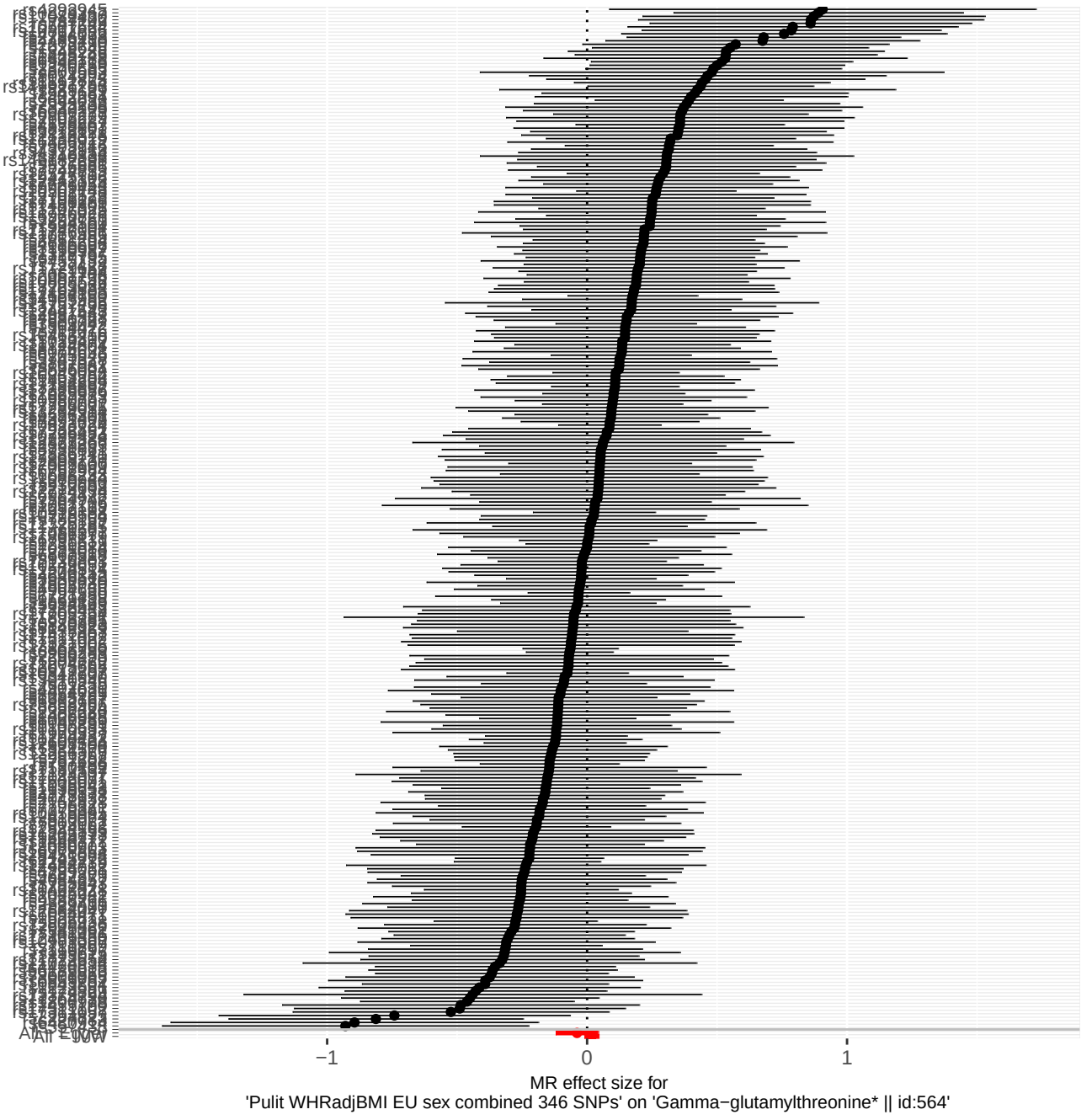

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−palmitoleoylglycerophosphocholine* || id:559'

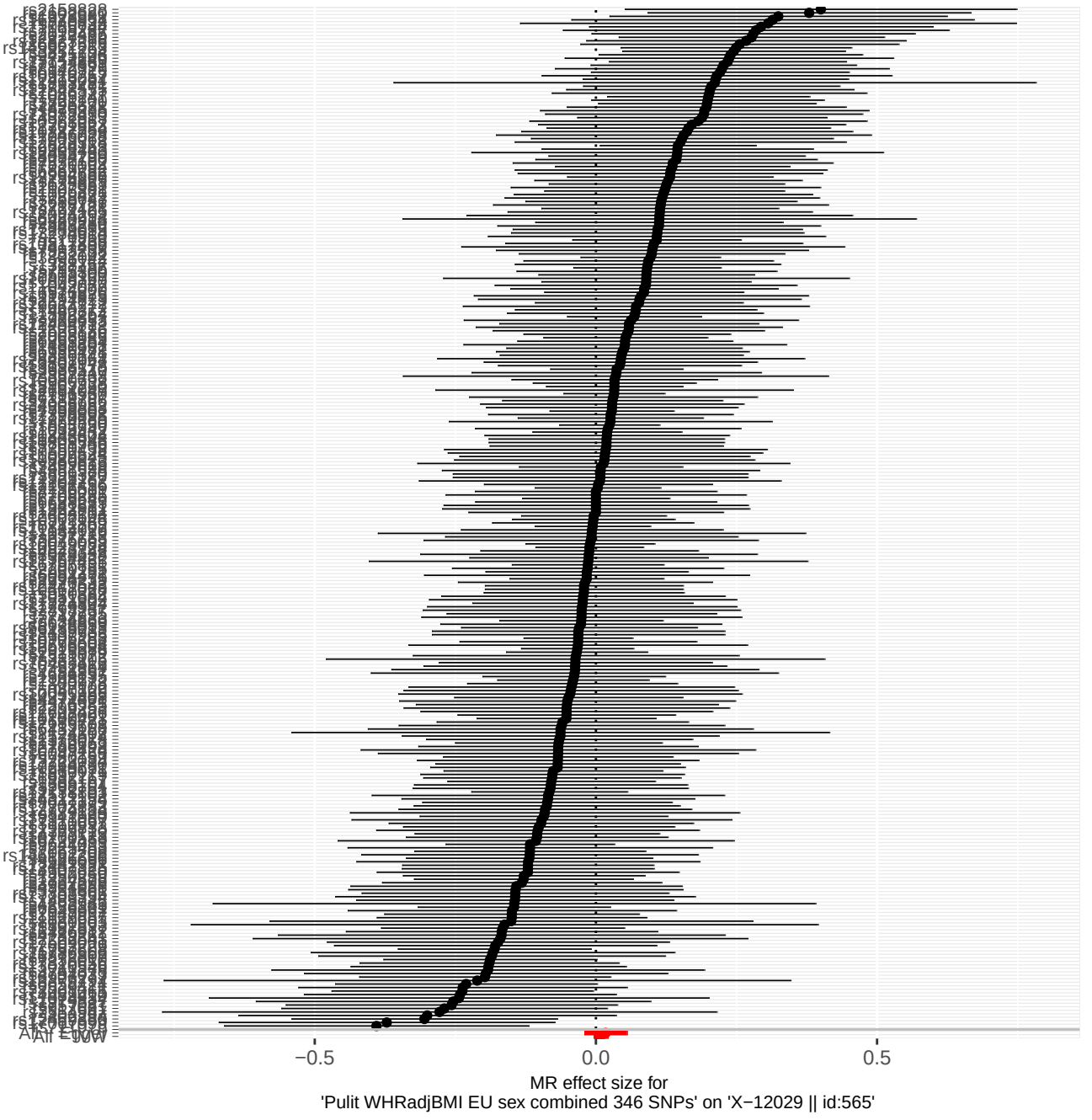

−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−11905 || id:560'

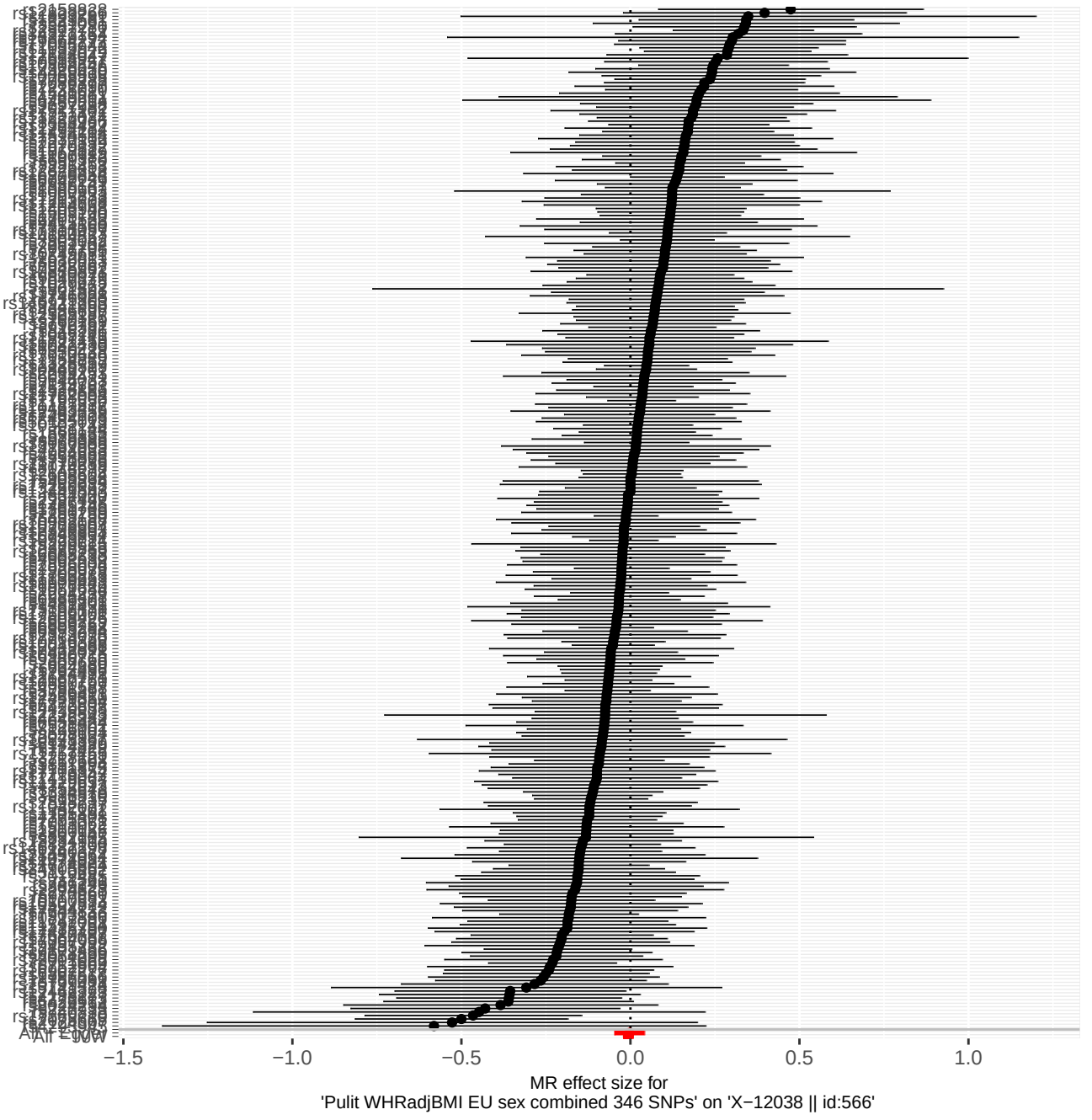

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12007 || id:561'

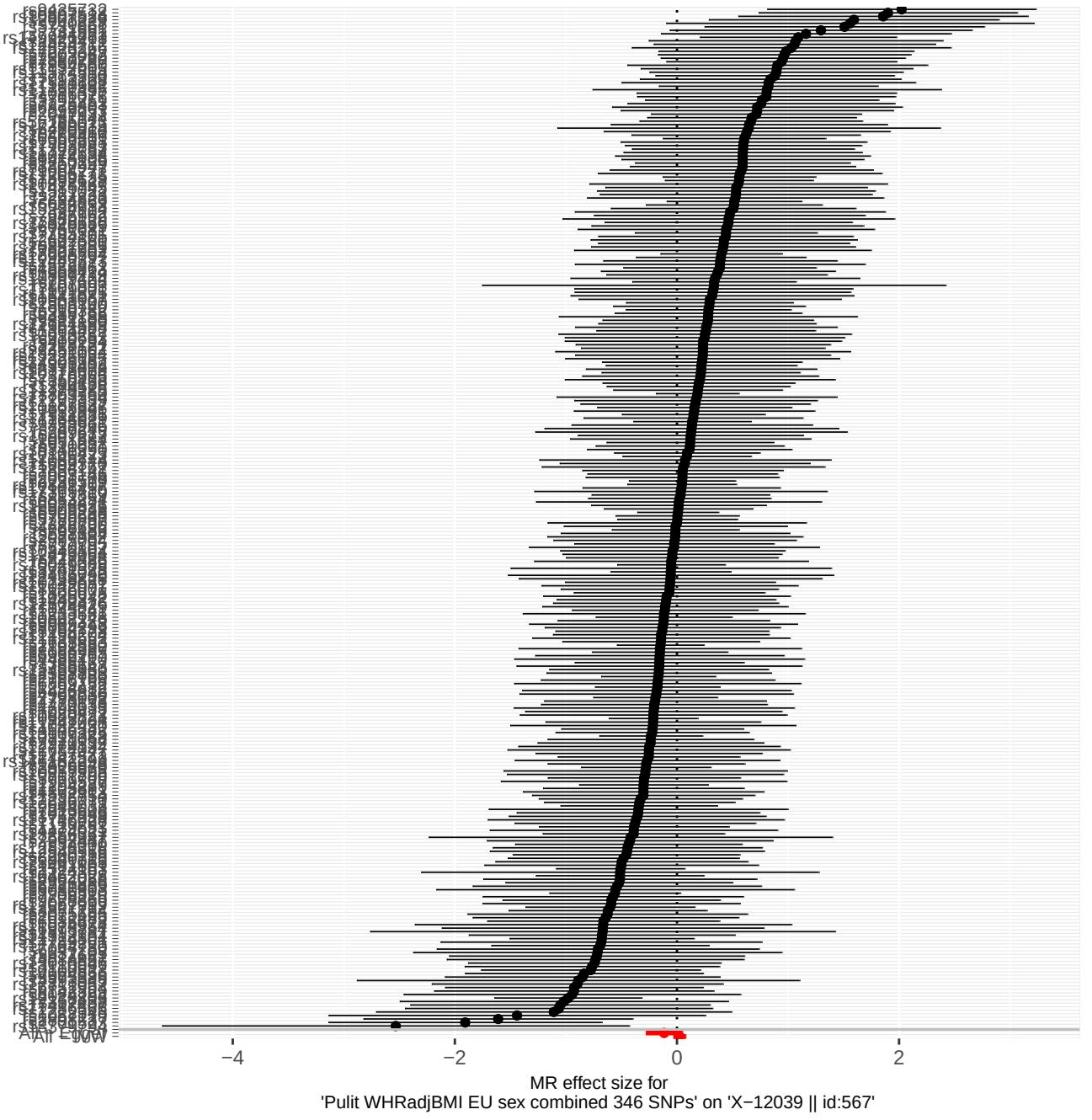

−8
−4
0
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12013 || id:562'

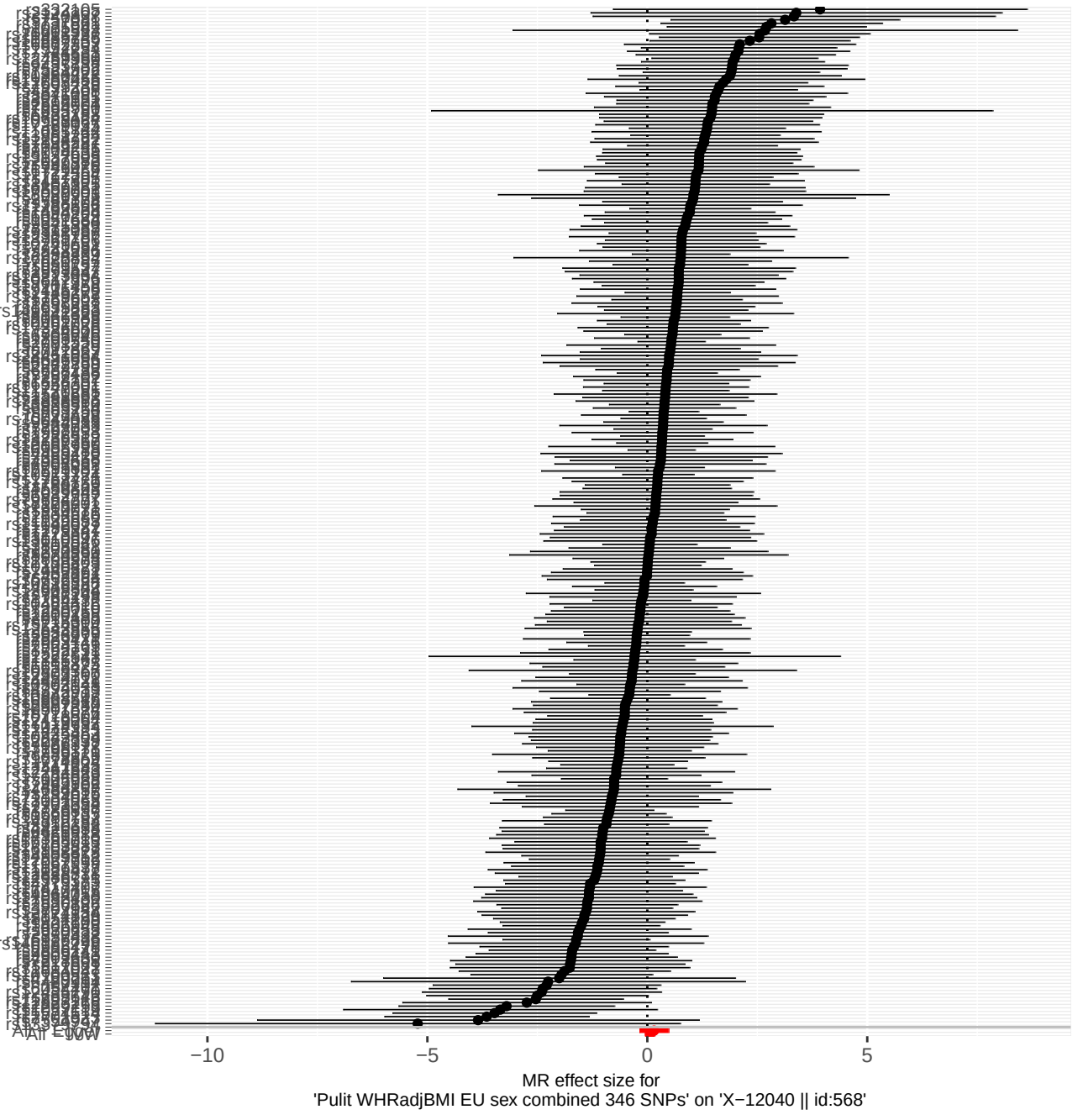

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−glutamylmethionine* || id:563'

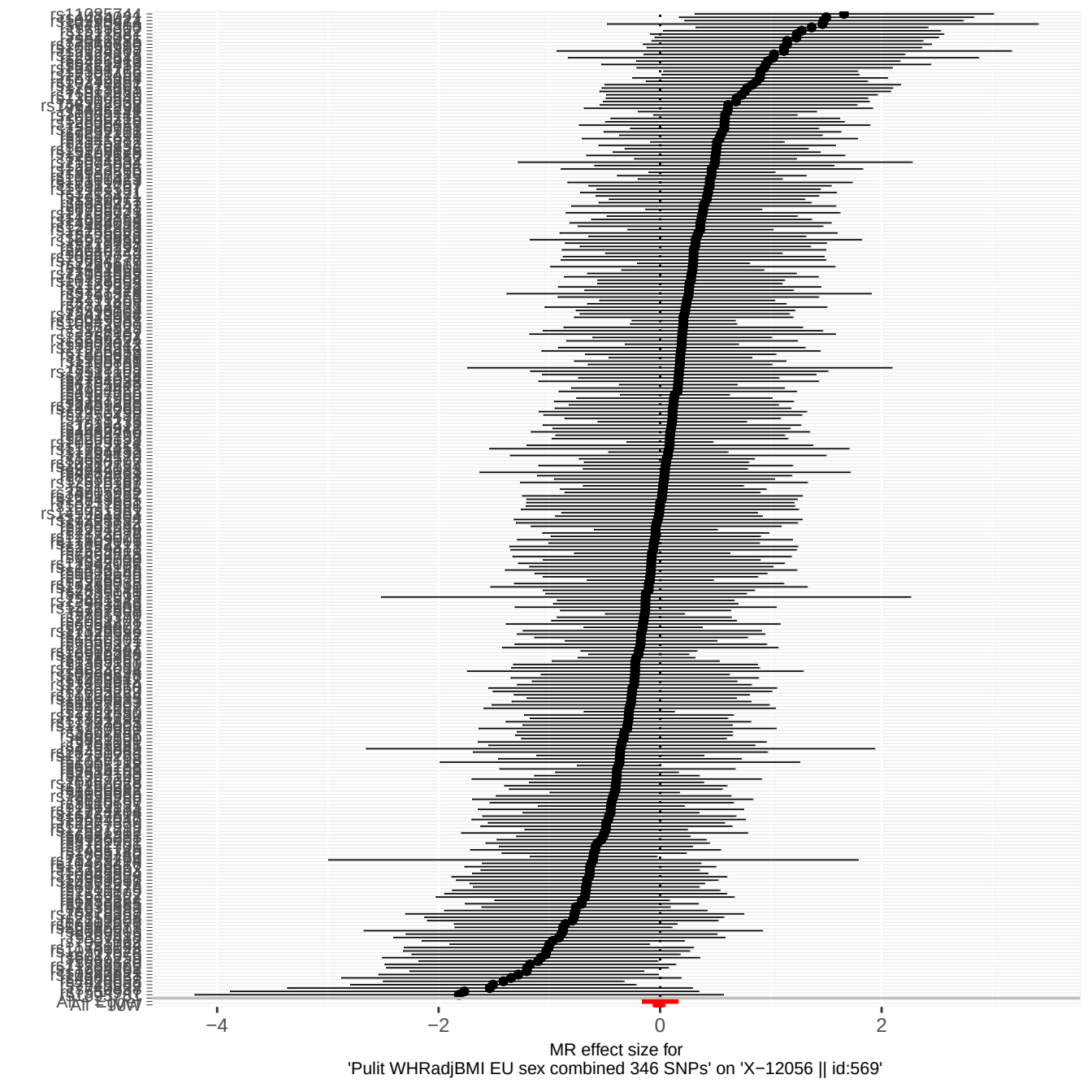

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−glutamylthreonine* || id:564'

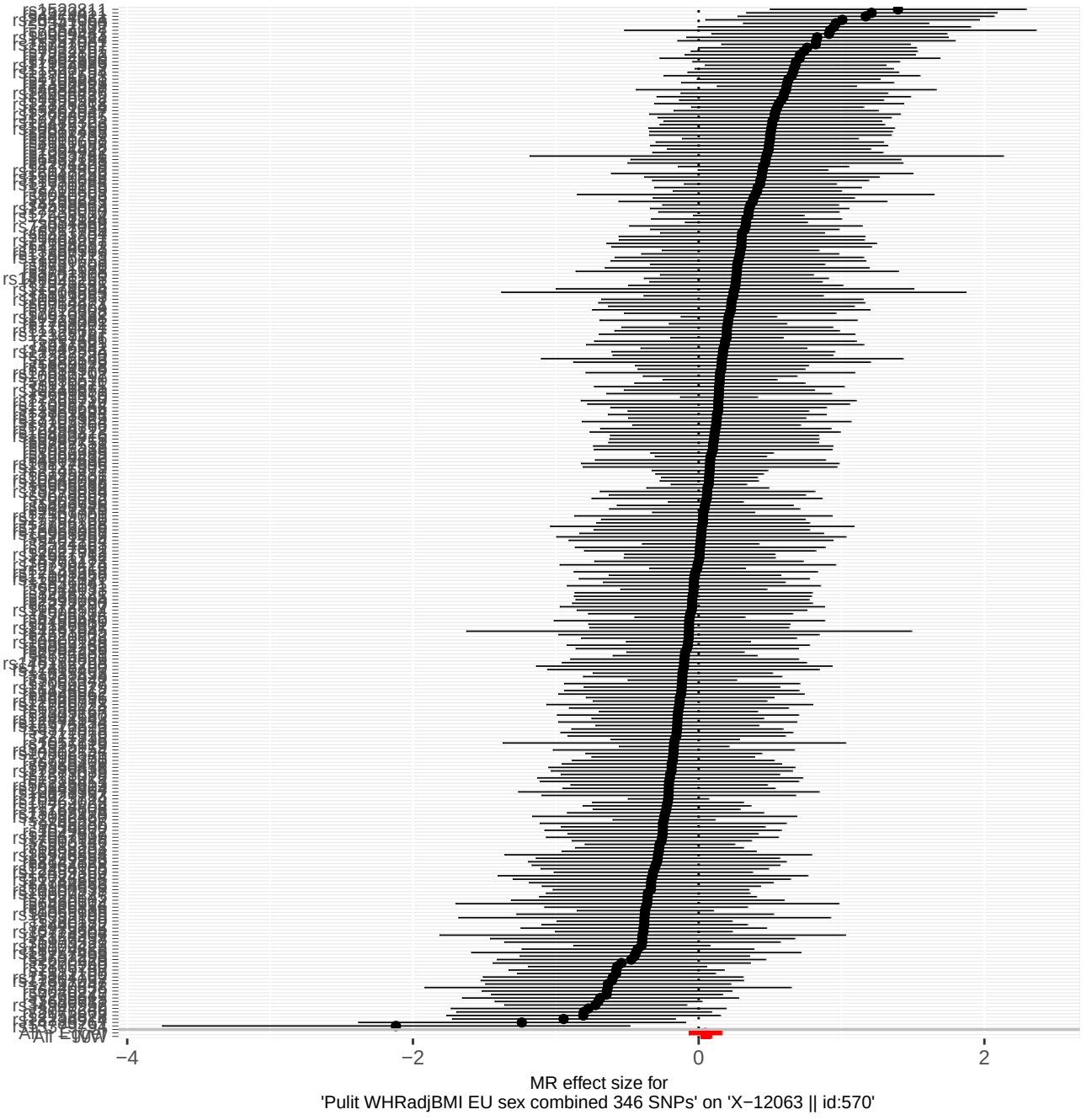

−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12029 || id:565'

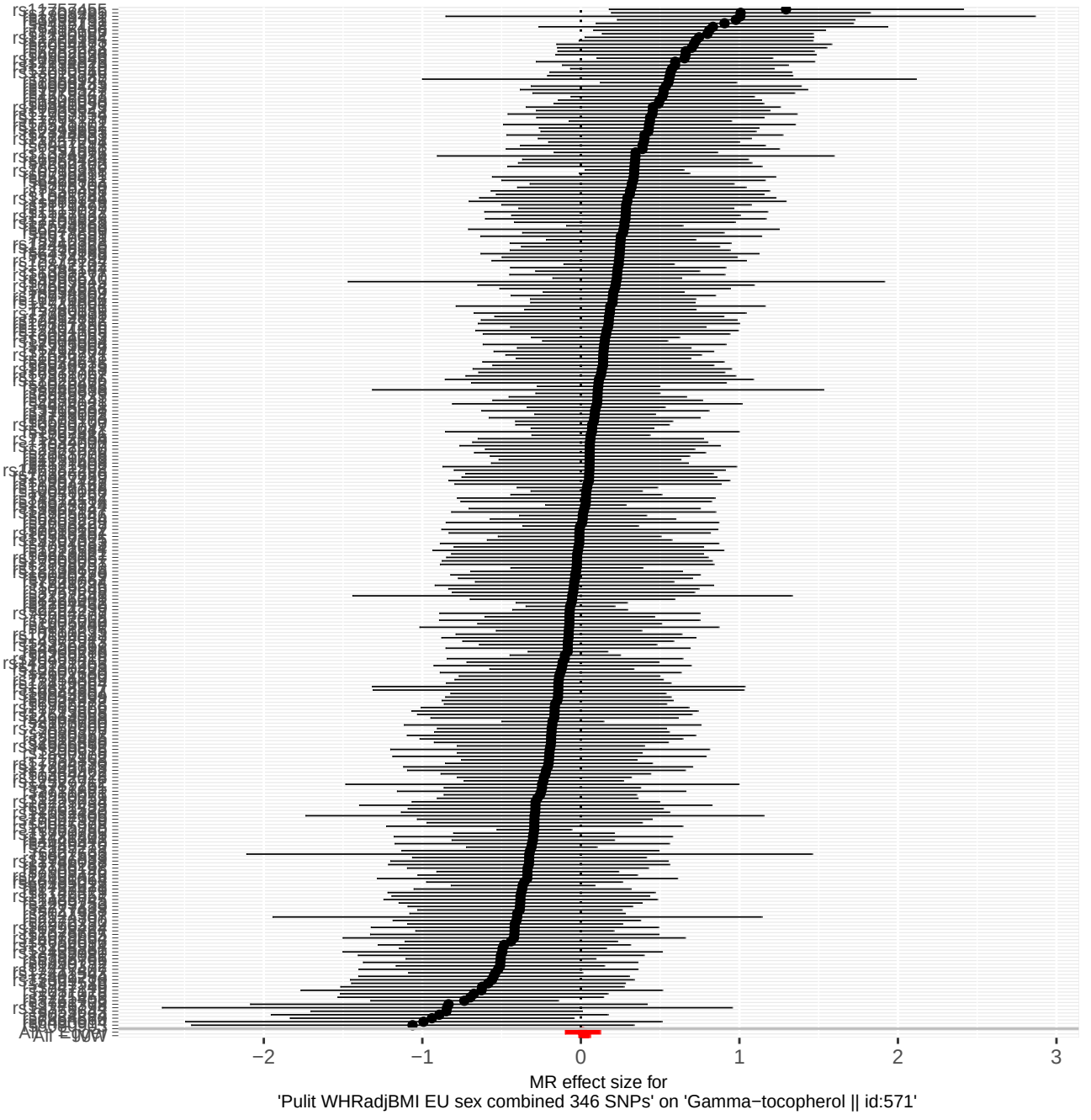

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12038 || id:566'

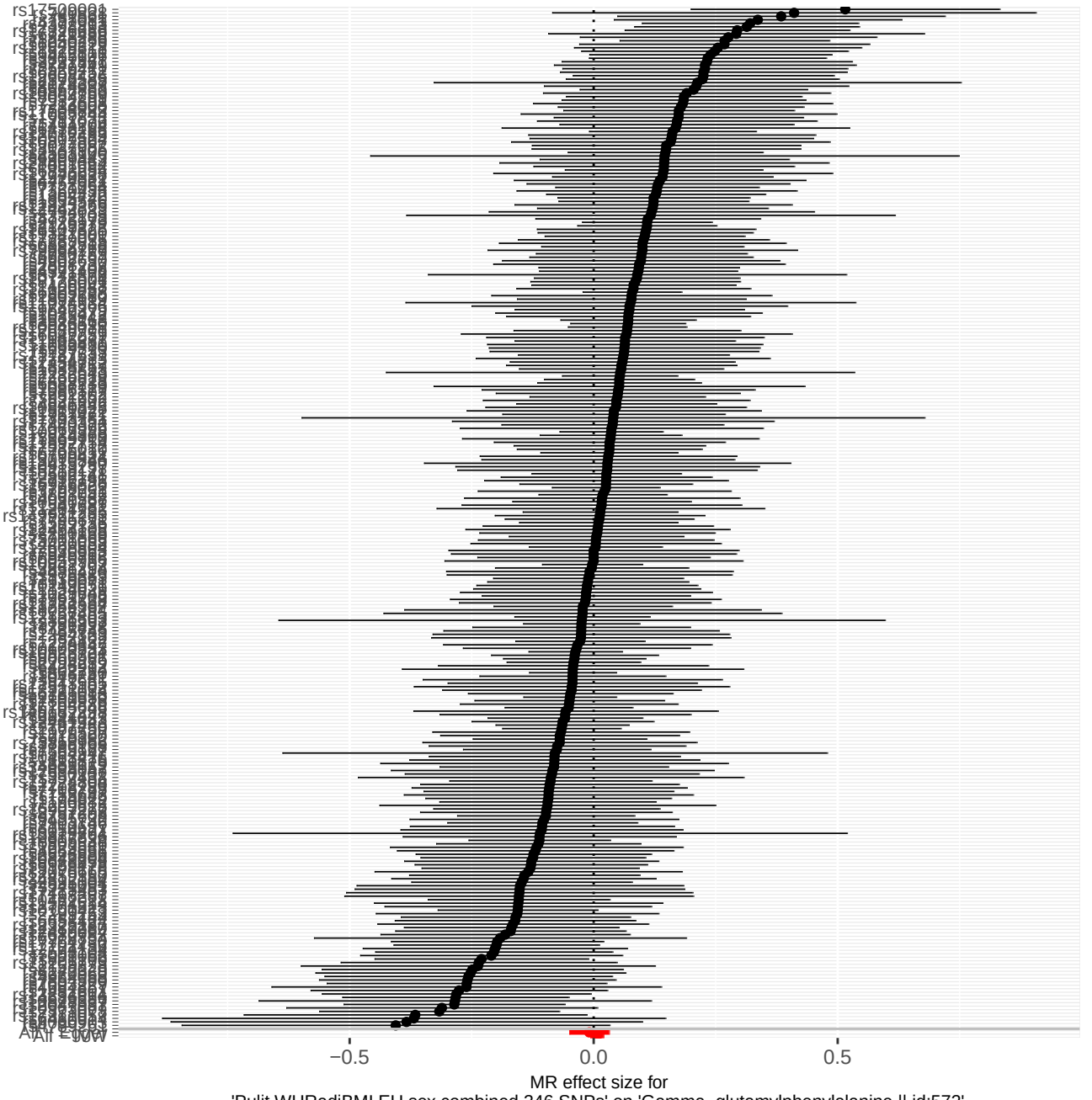

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12039 || id:567'

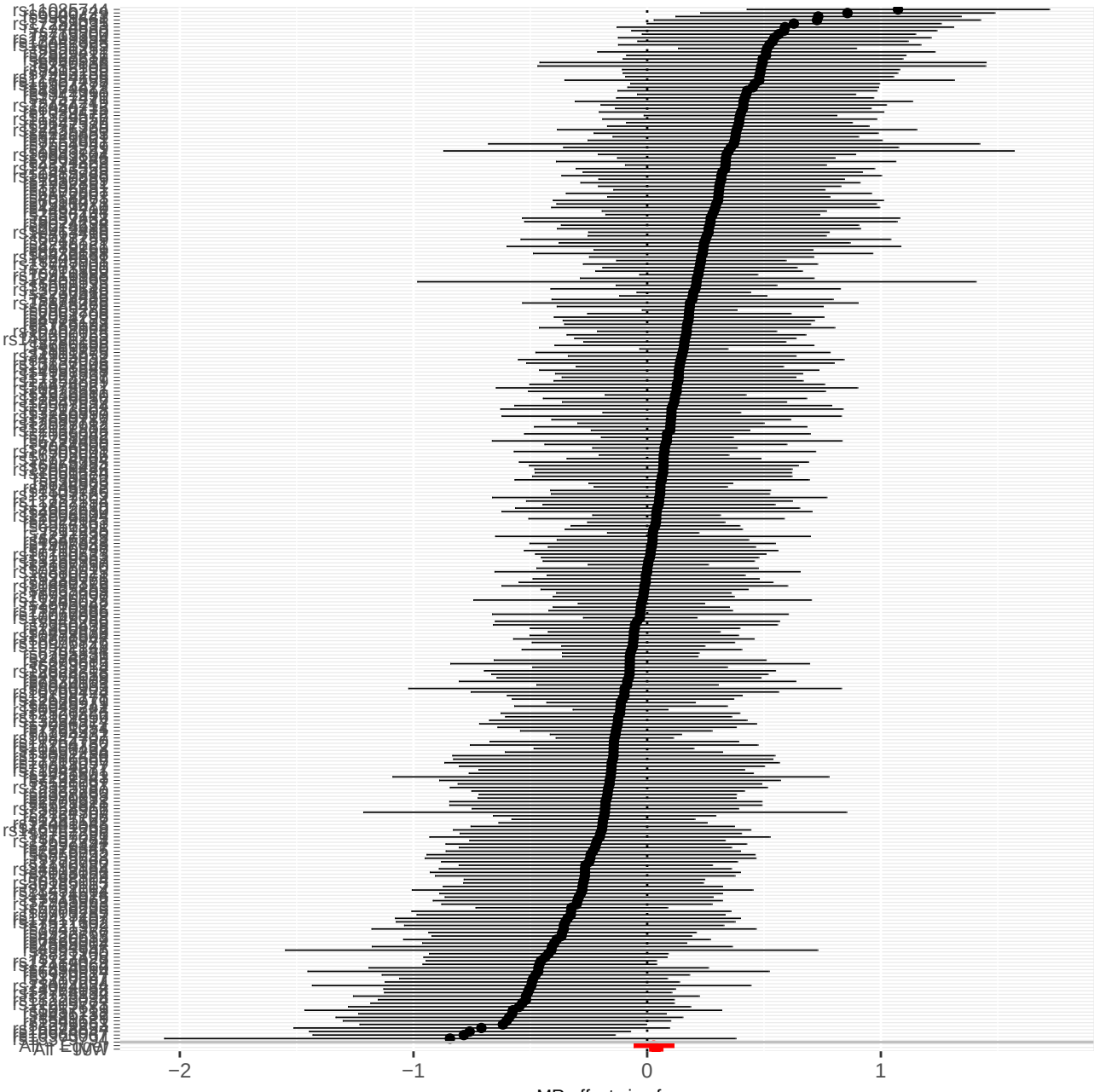

−10
−5
0
5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12040 || id:568'

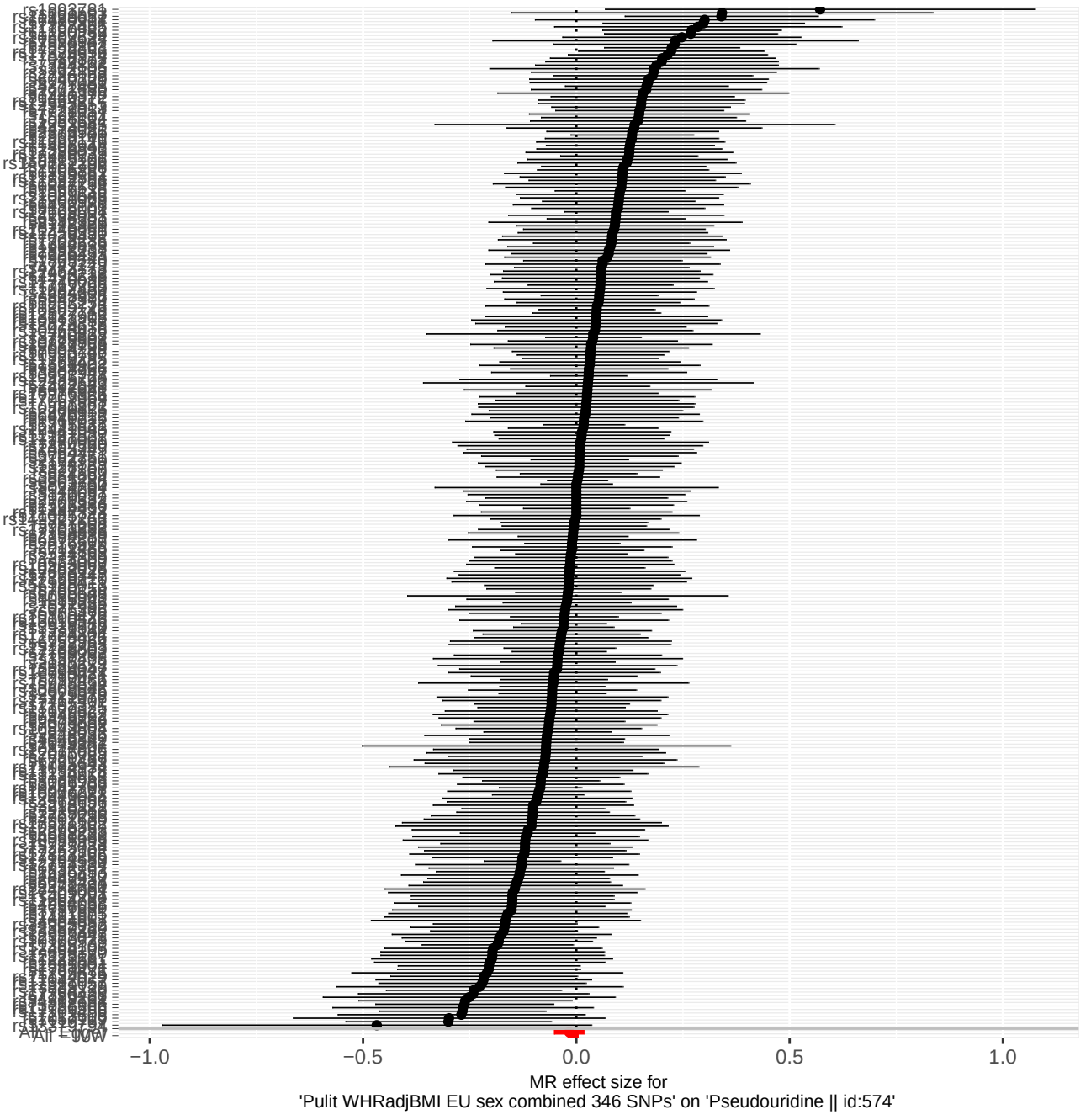

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12056 || id:569'

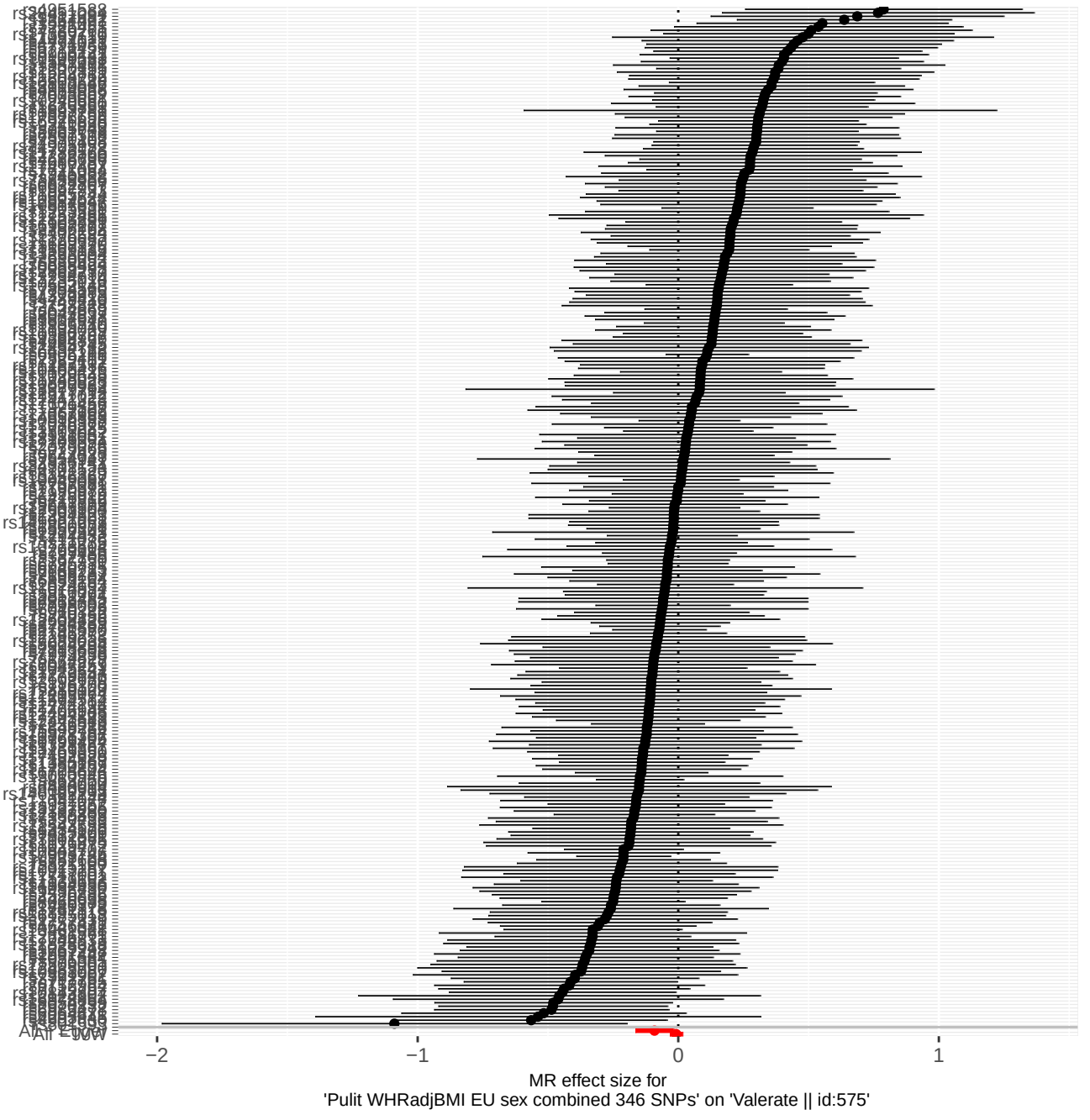

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12063 || id:570'

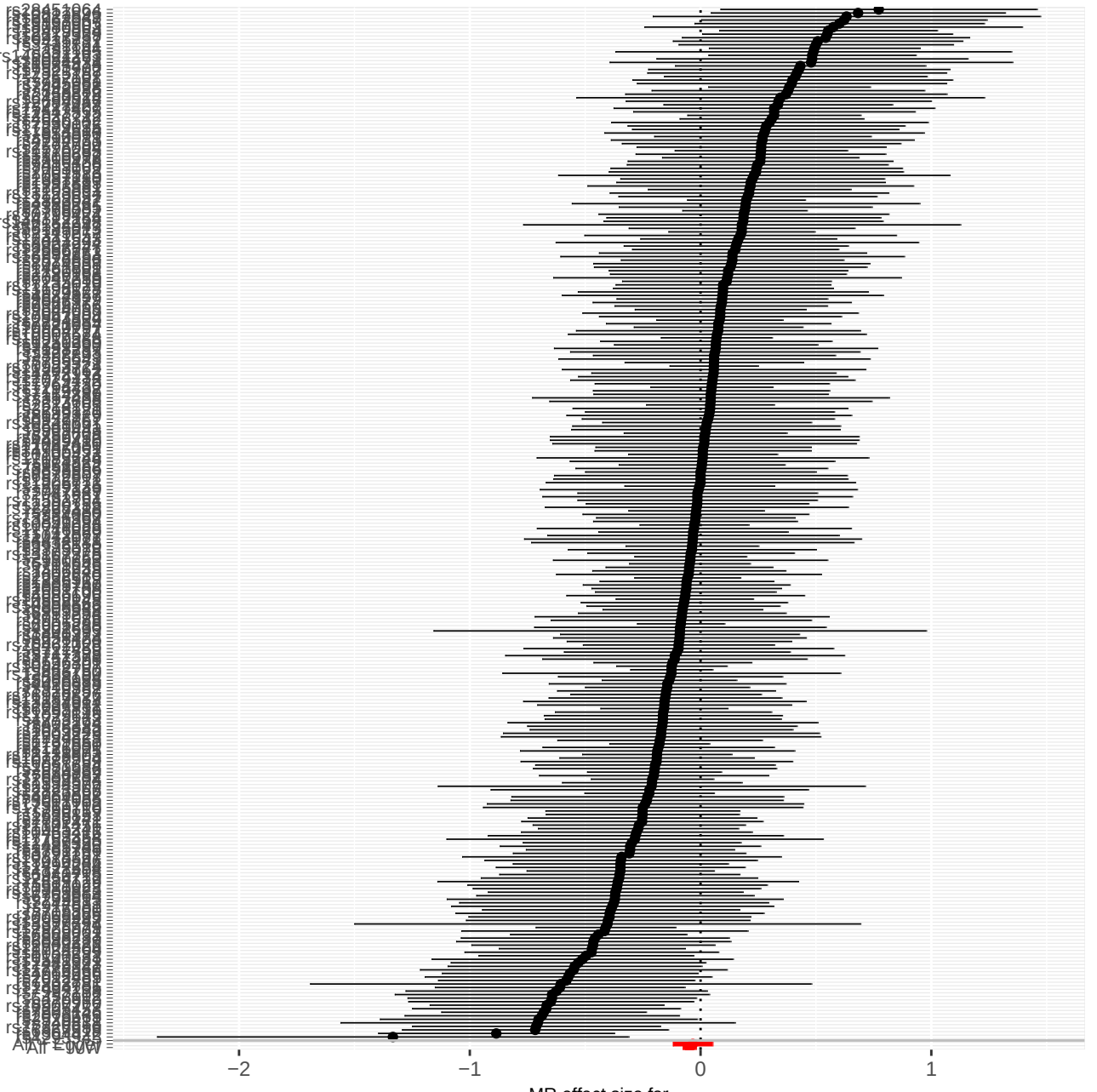

−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−tocopherol || id:571'

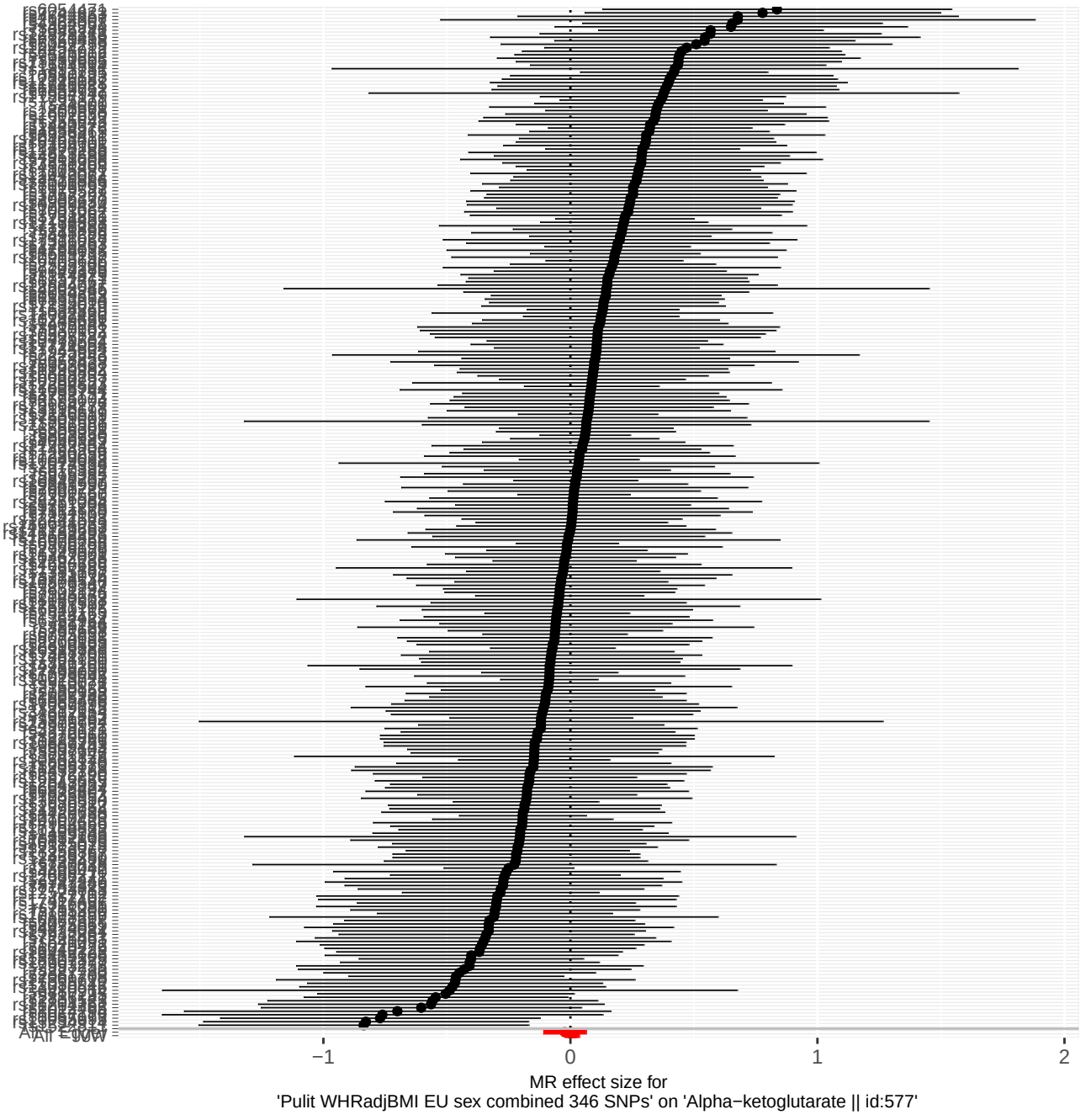

−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−glutamylphenylalanine || id:572'

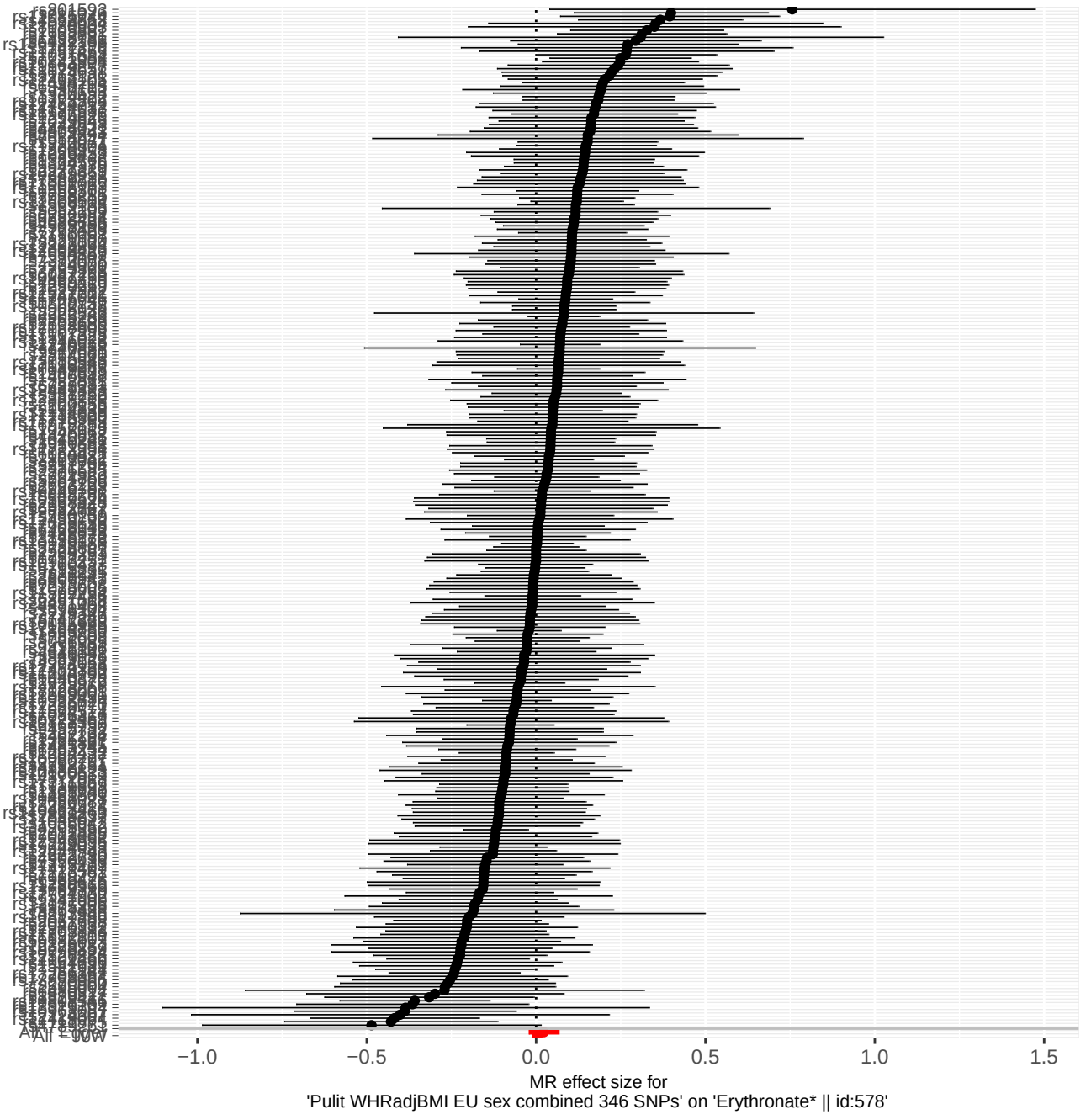

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Isobutyrylcarnitine || id:573'

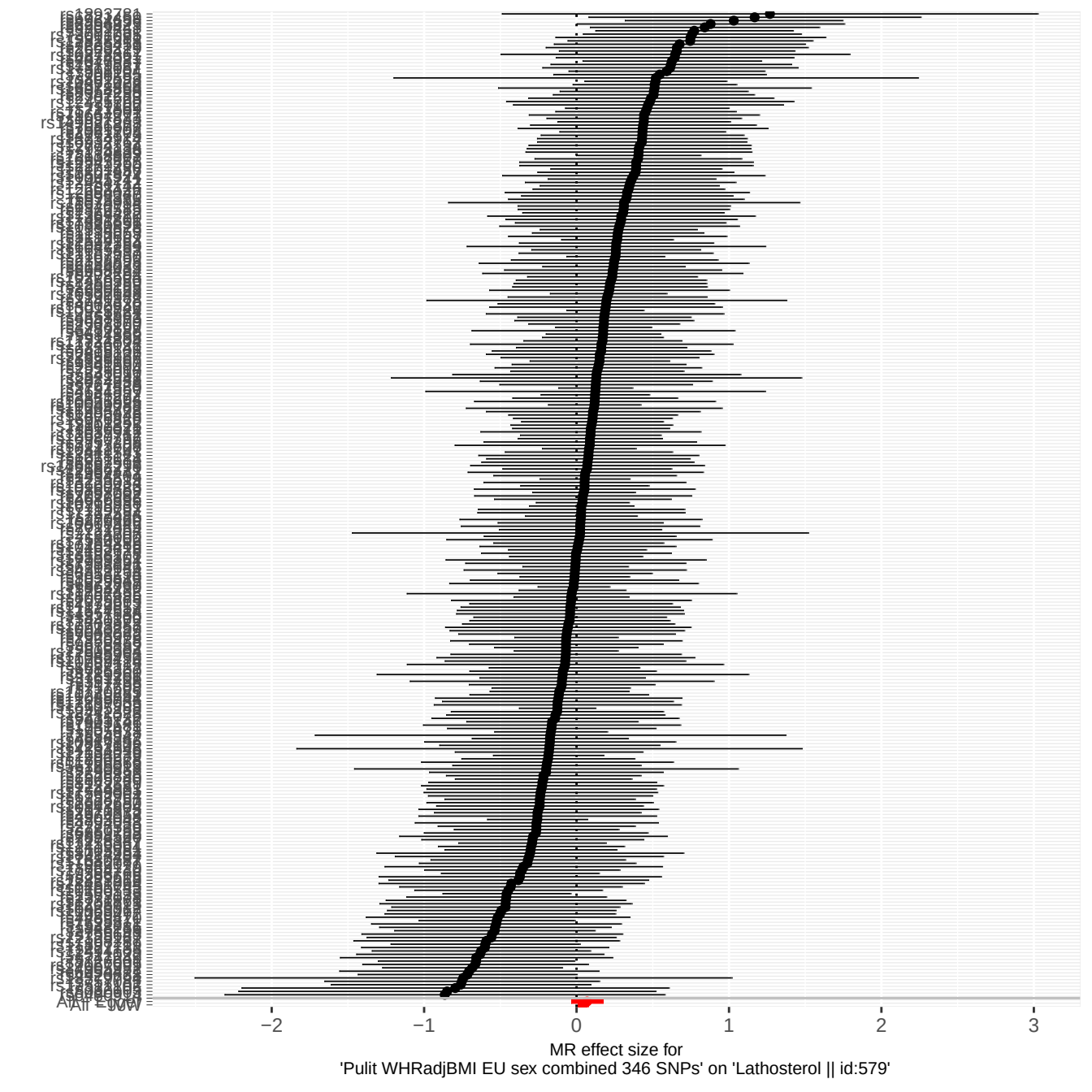

All - IVW
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pseudouridine || id:574'

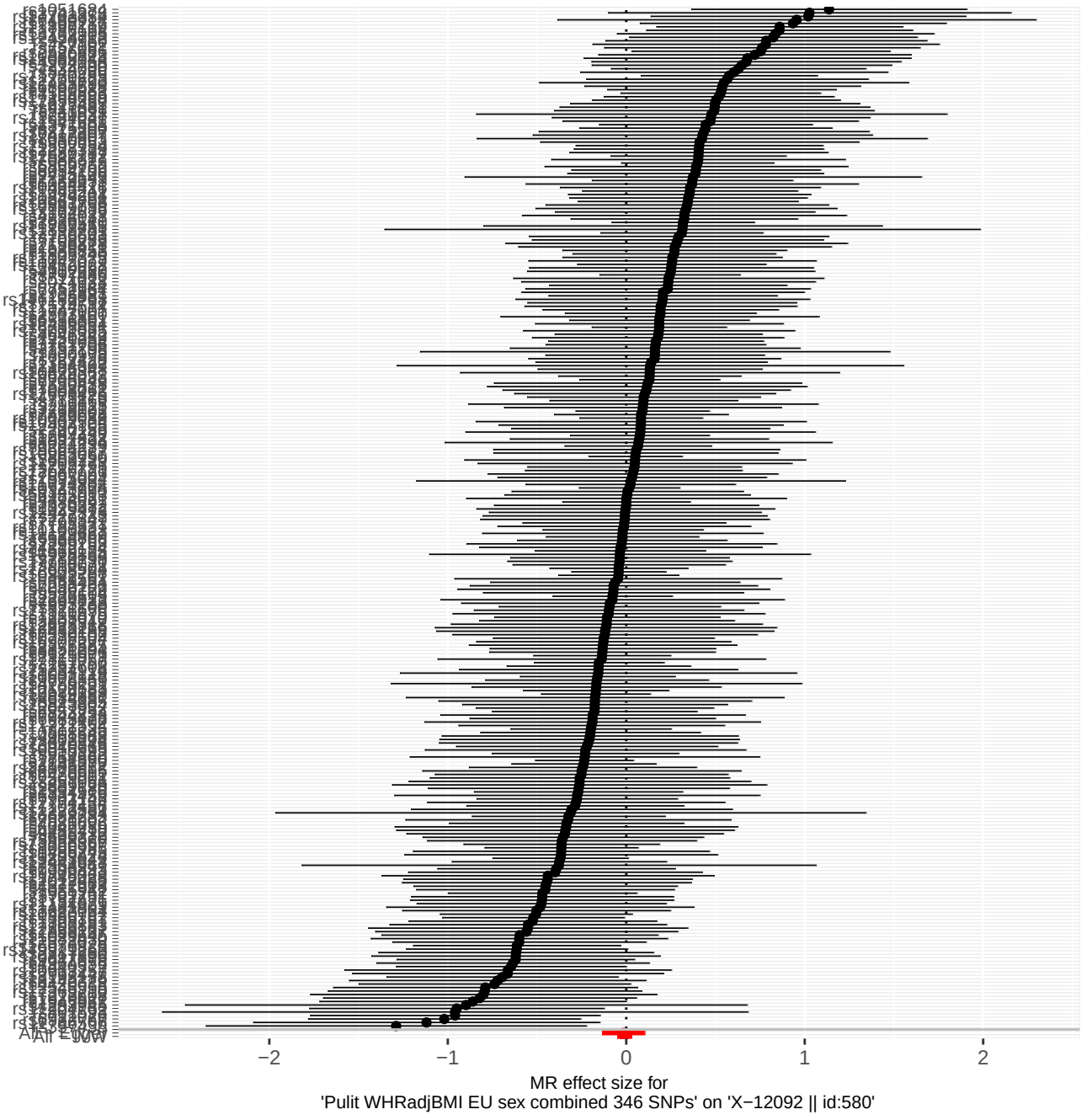

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Valerate || id:575'

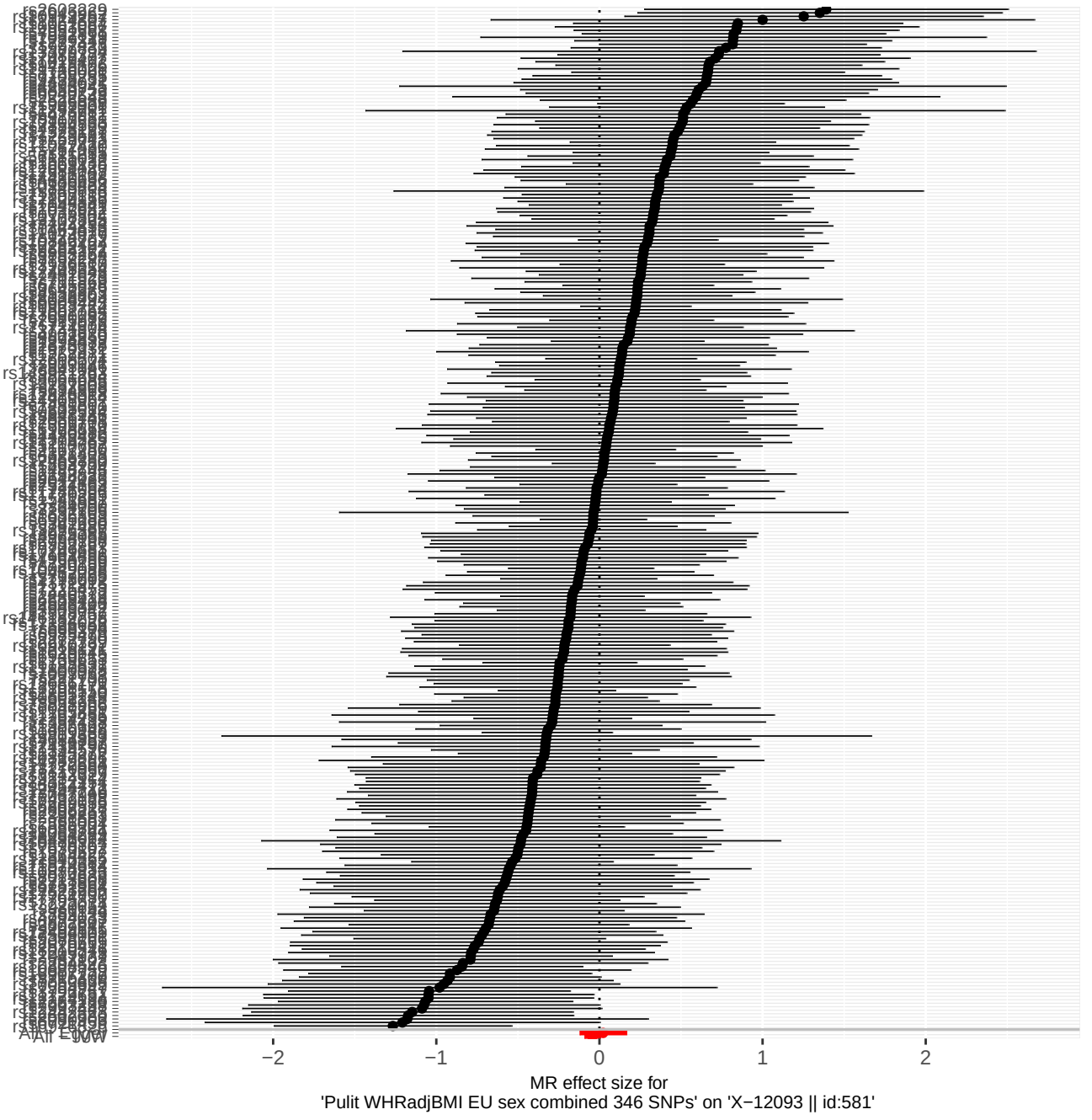

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Palmitoleate (16:1n7) || id:576'

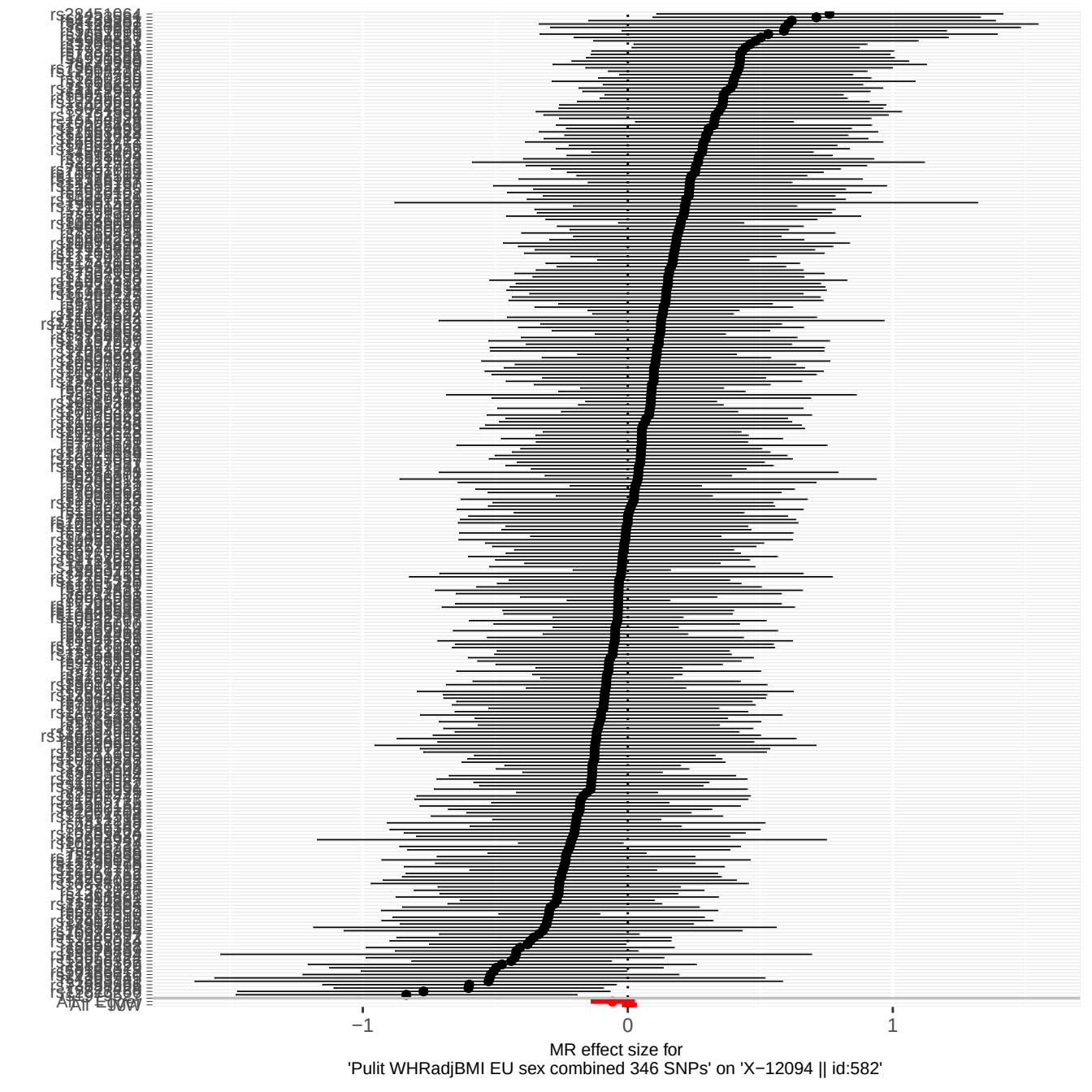

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Alpha−ketoglutarate || id:577'

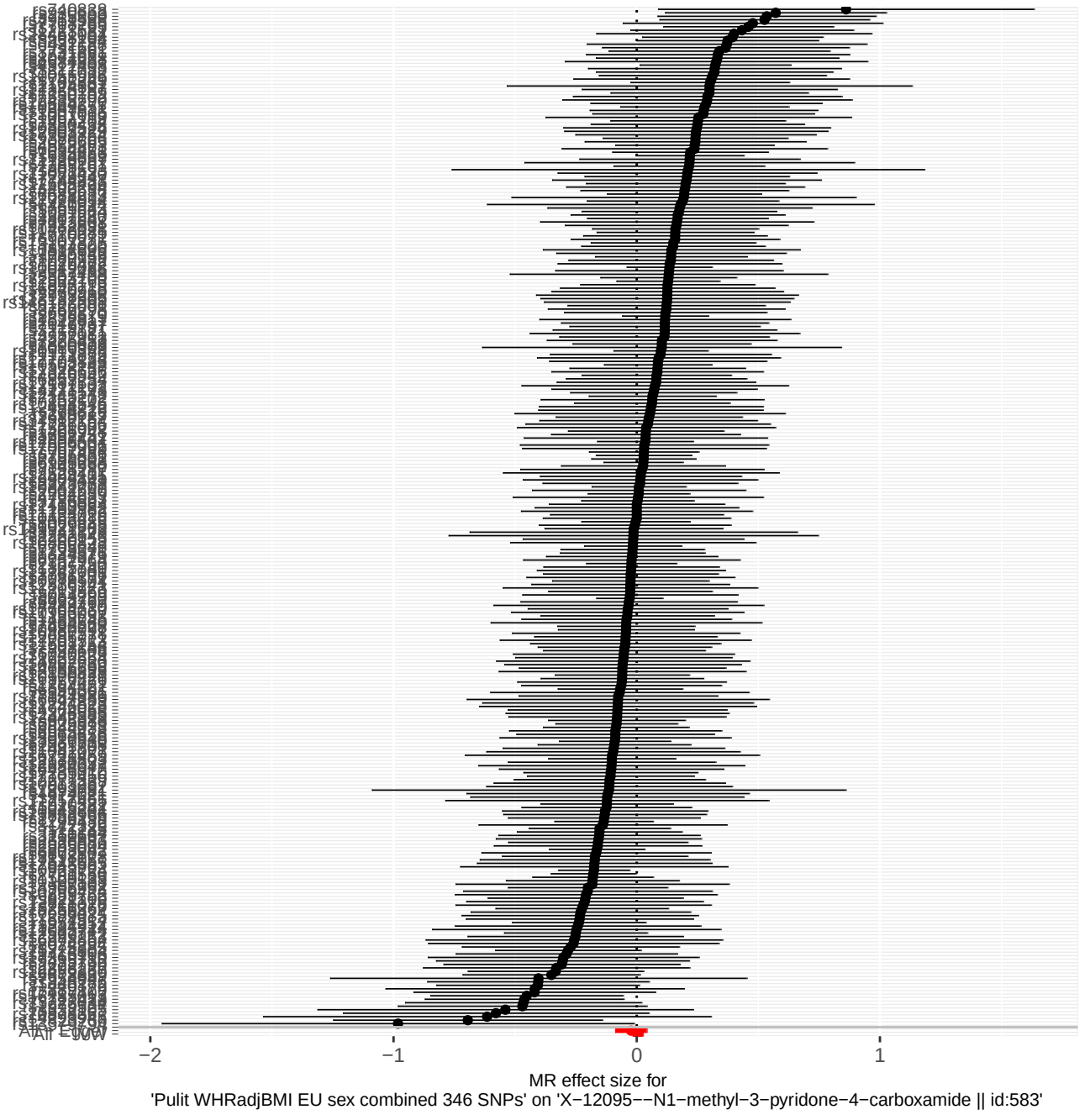

−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Erythronate* || id:578'

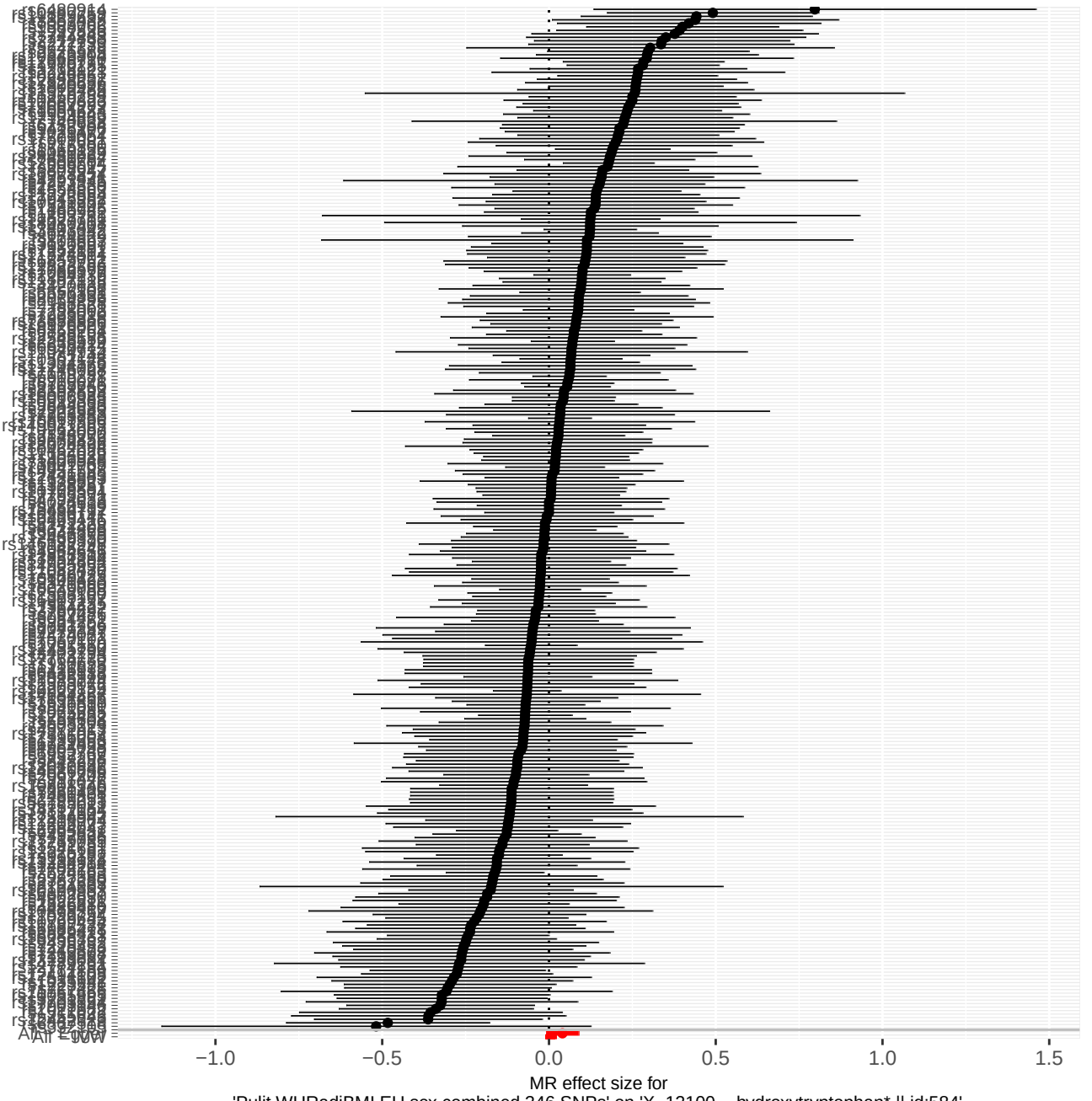

−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Lathosterol || id:579'

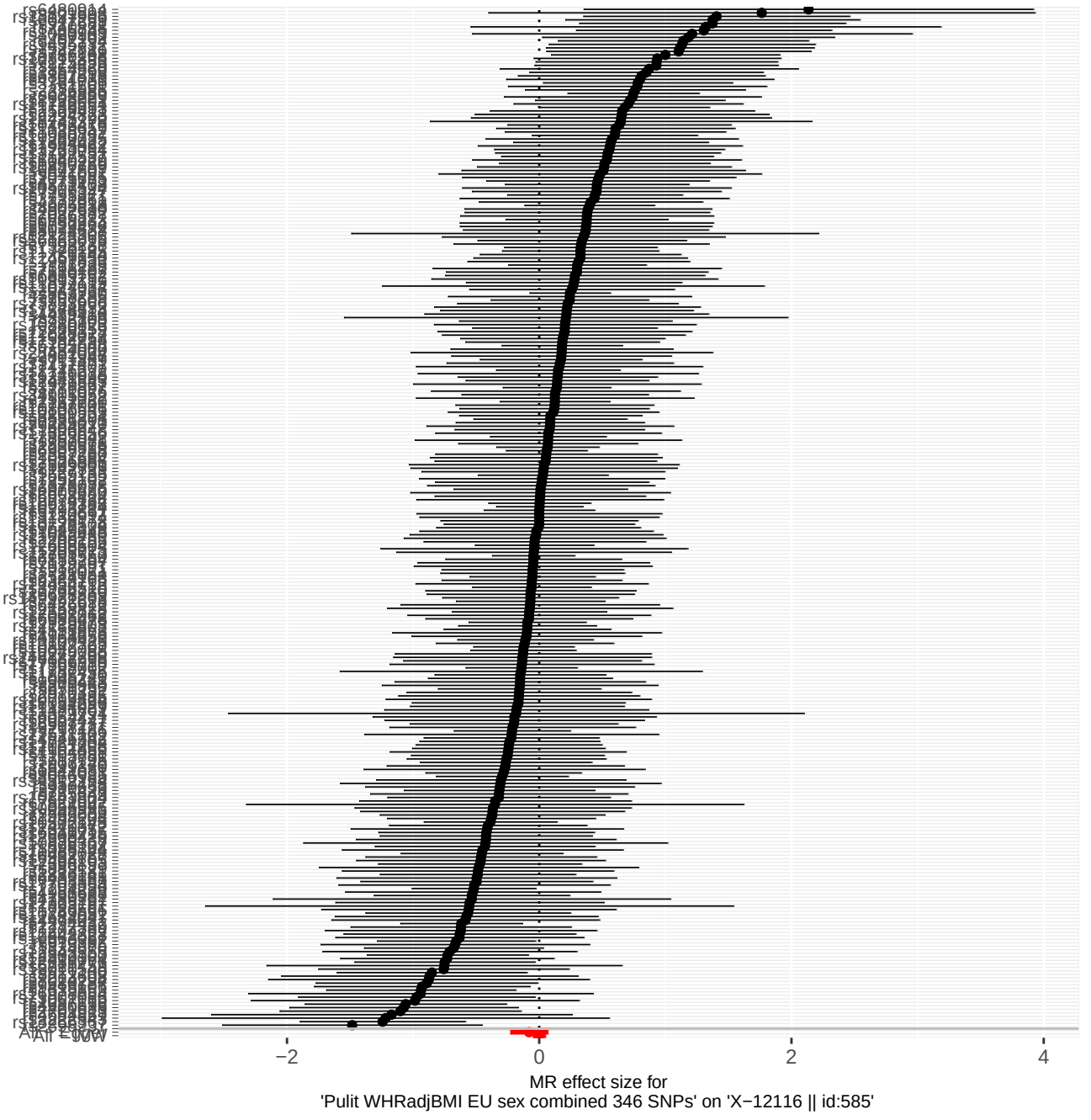

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12092 || id:580'

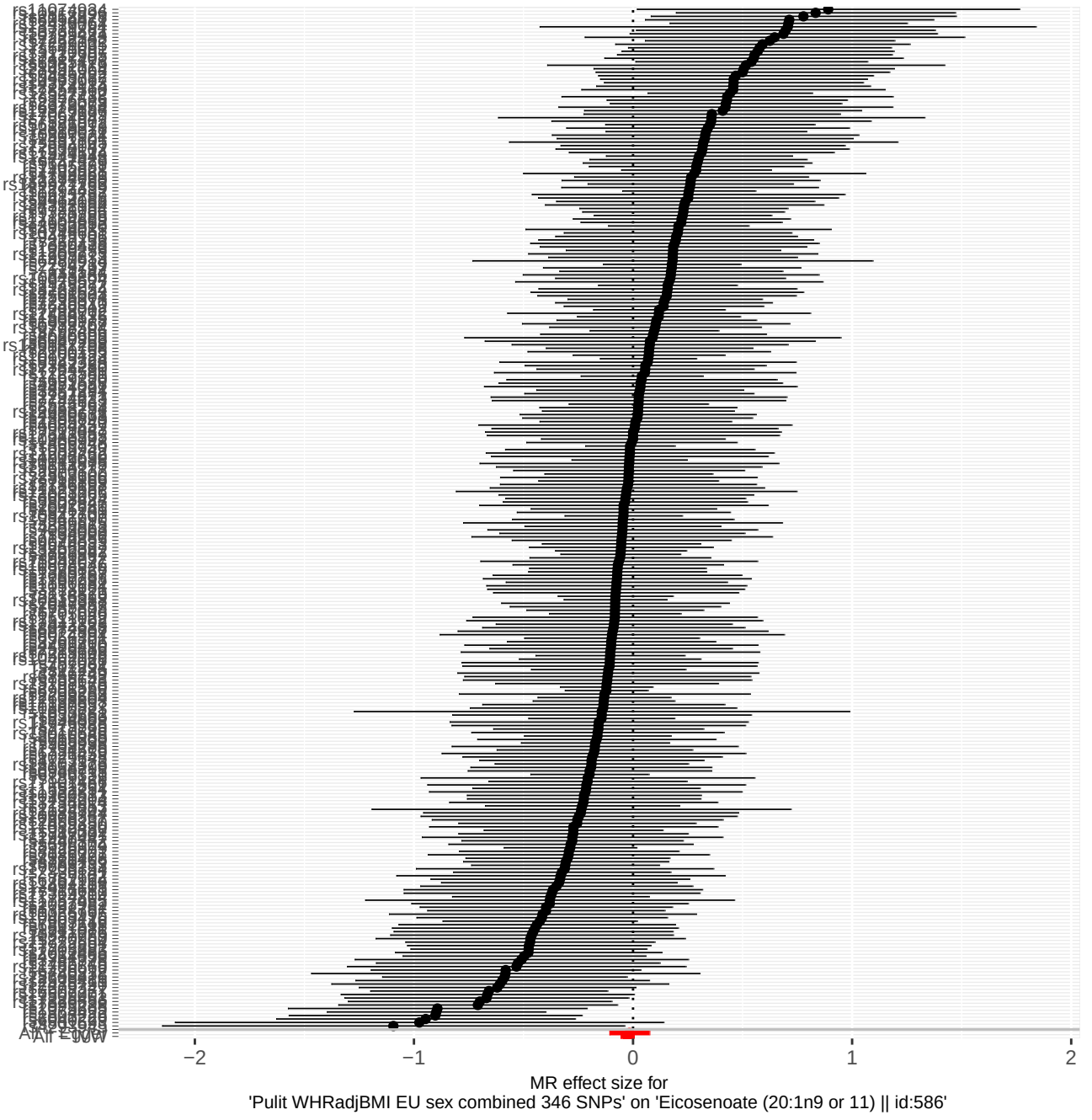

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12093 || id:581'

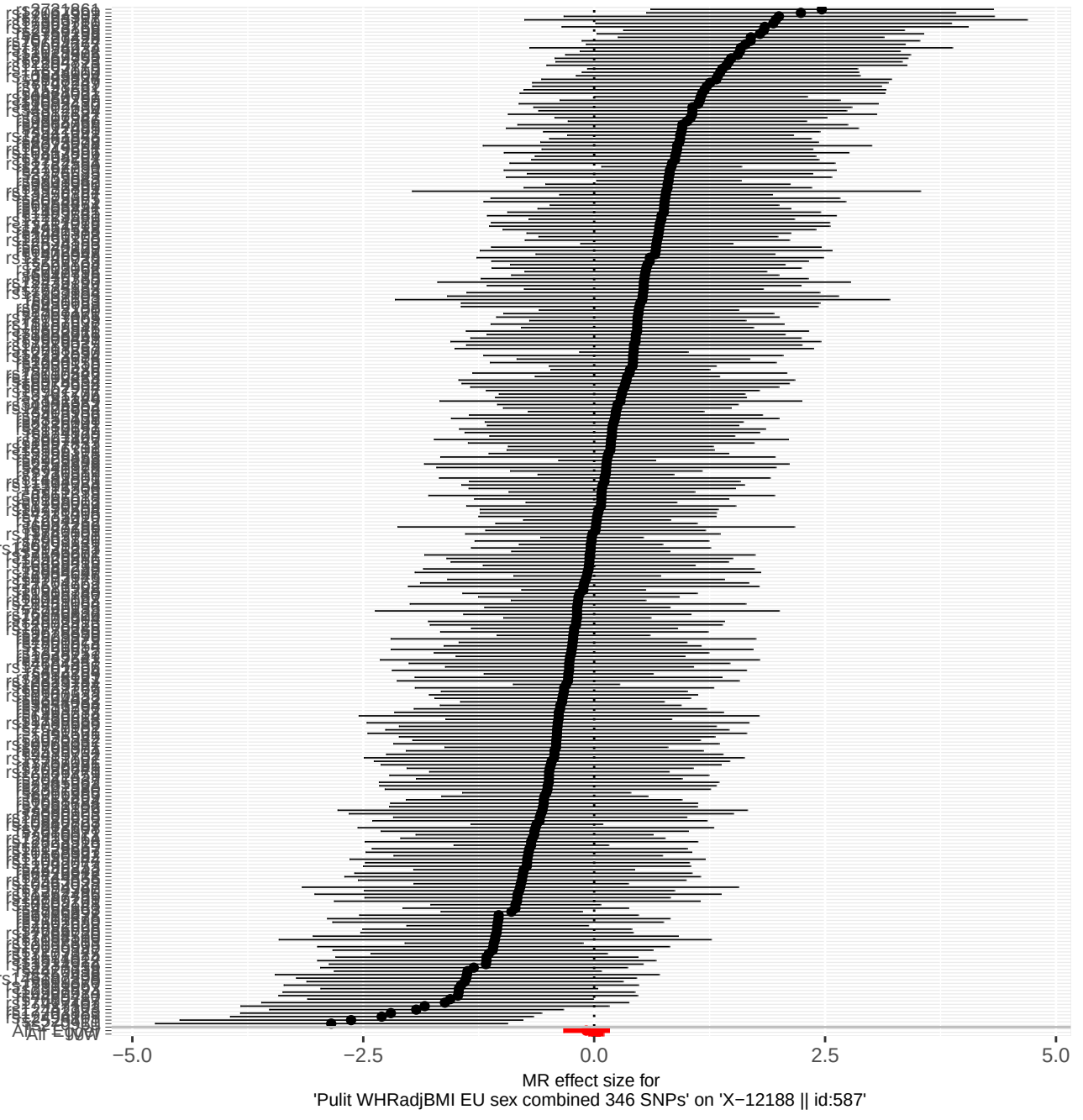

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12094 || id:582'

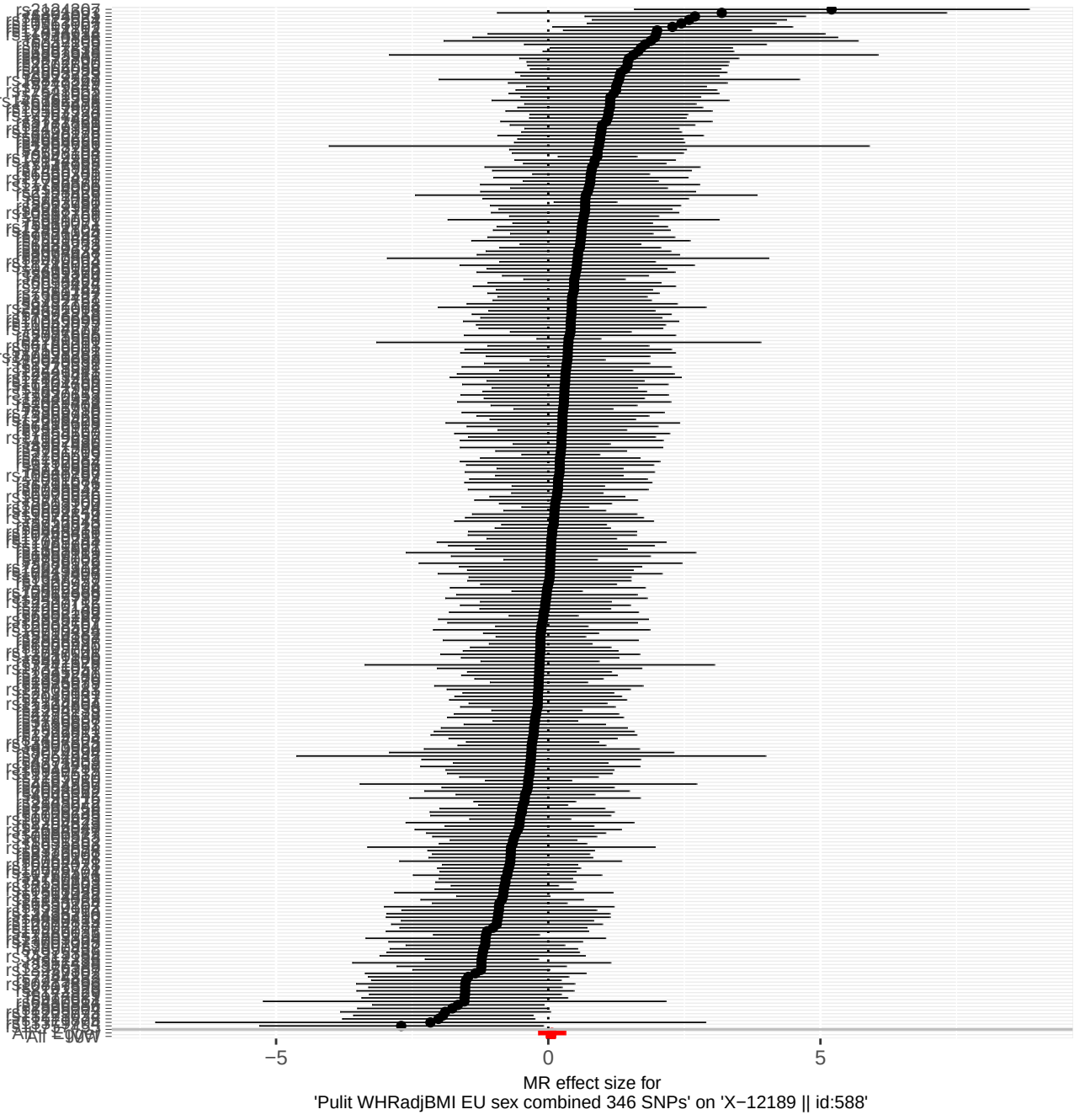

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12095−−N1−methyl−3−pyridone−4−carboxamide || id:583'

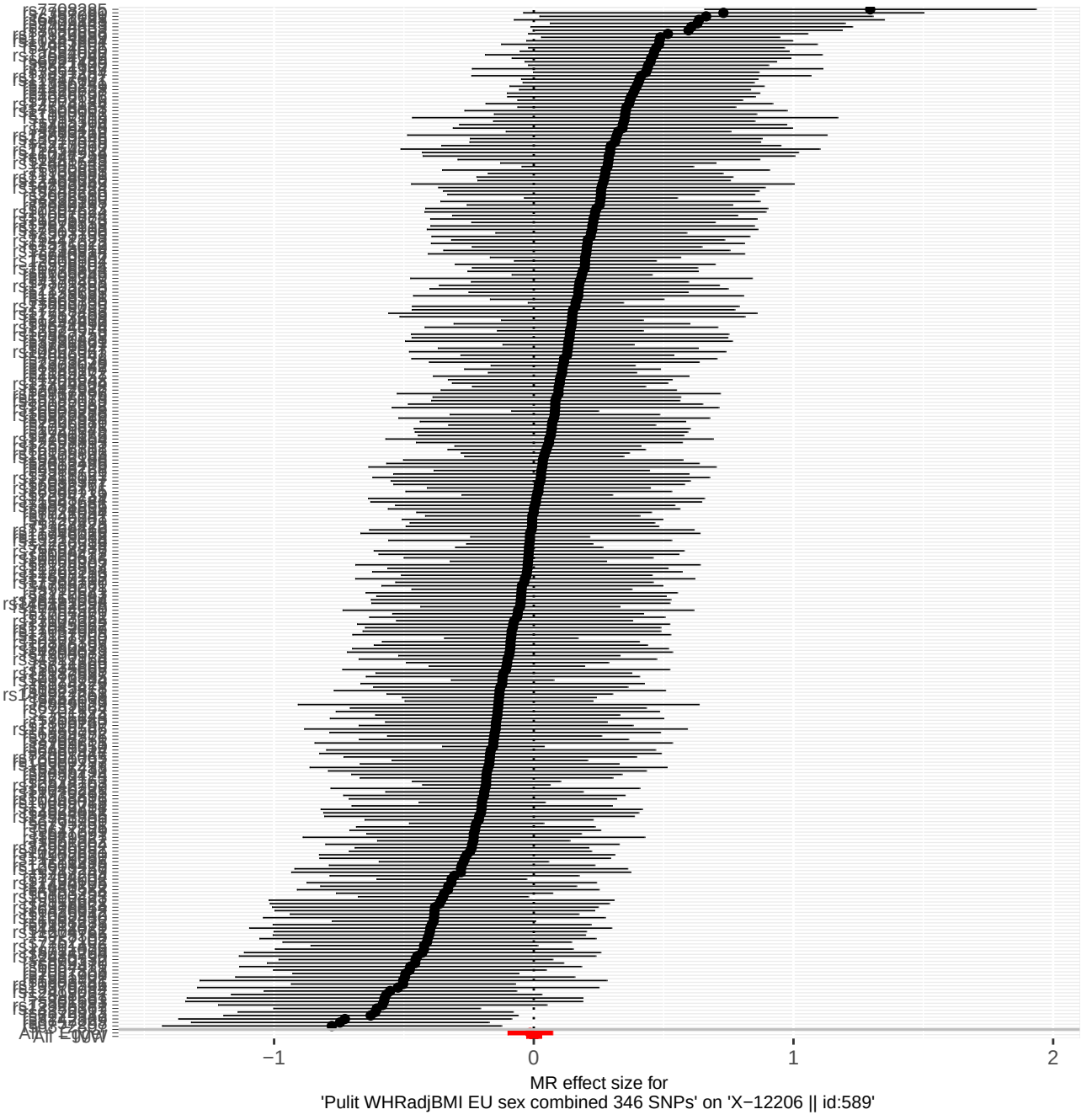

−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12100−−hydroxytryptophan* || id:584'

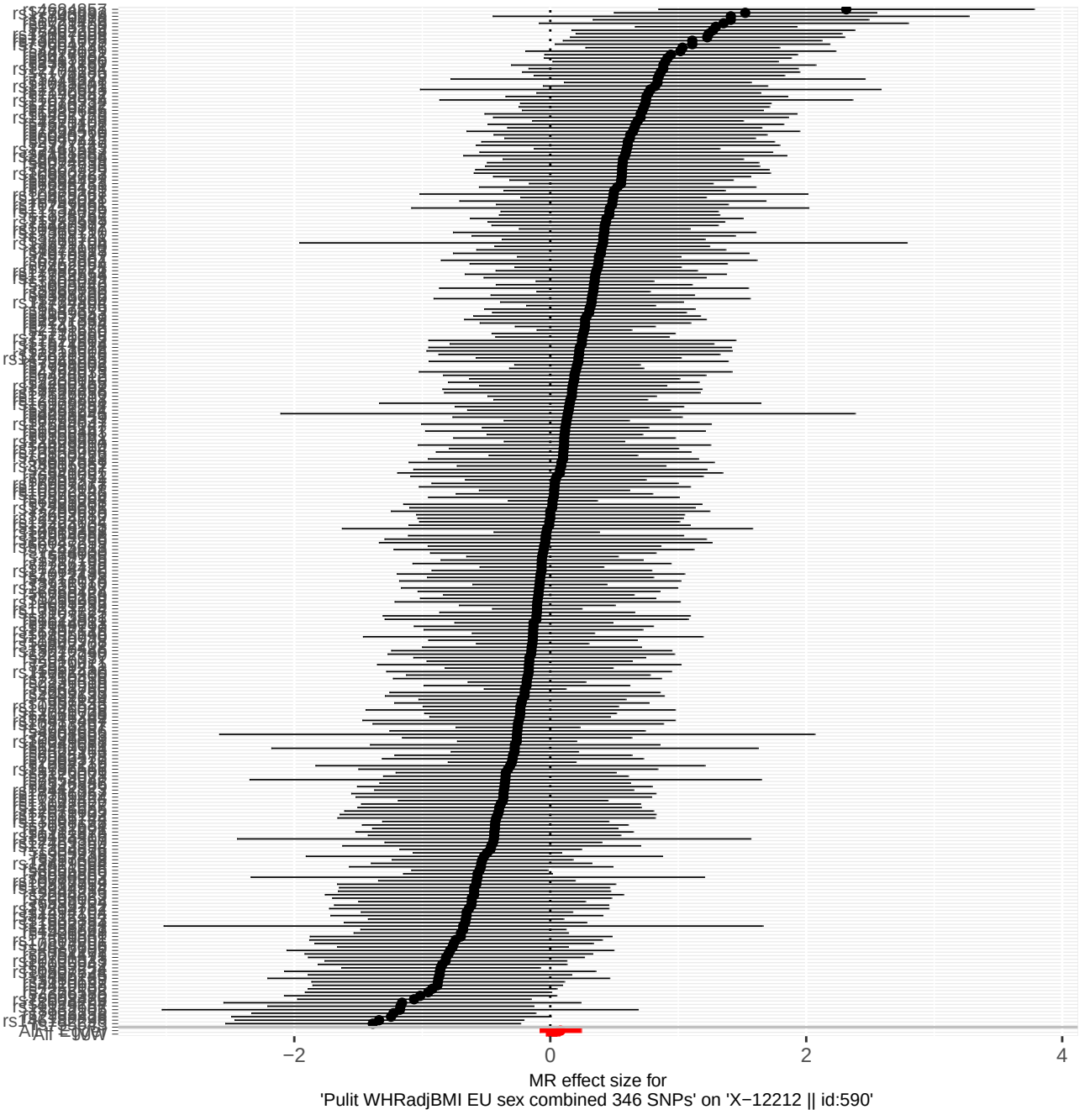

−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12116 || id:585'

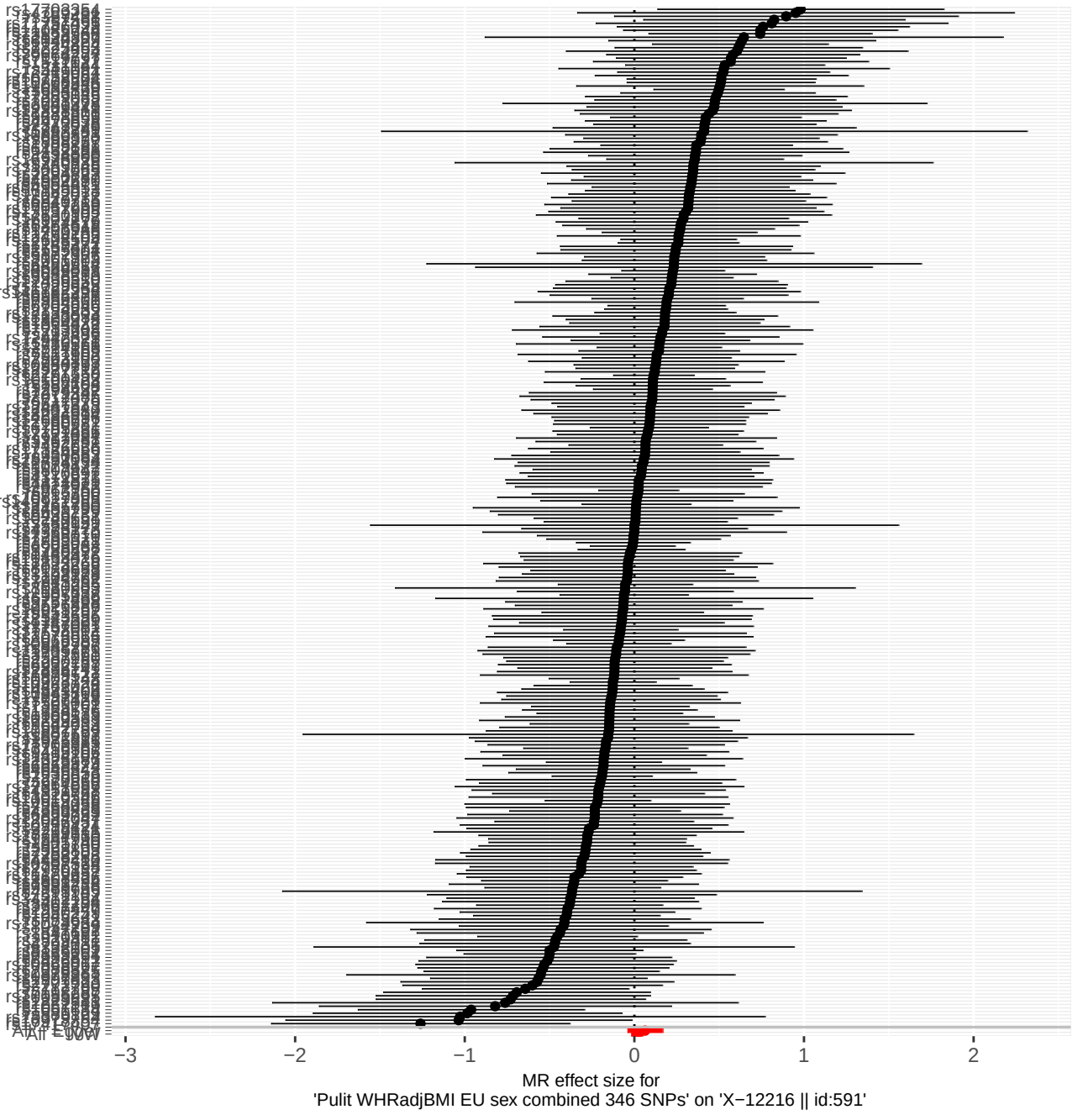

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Eicosenoate (20:1n9 or 11) || id:586'

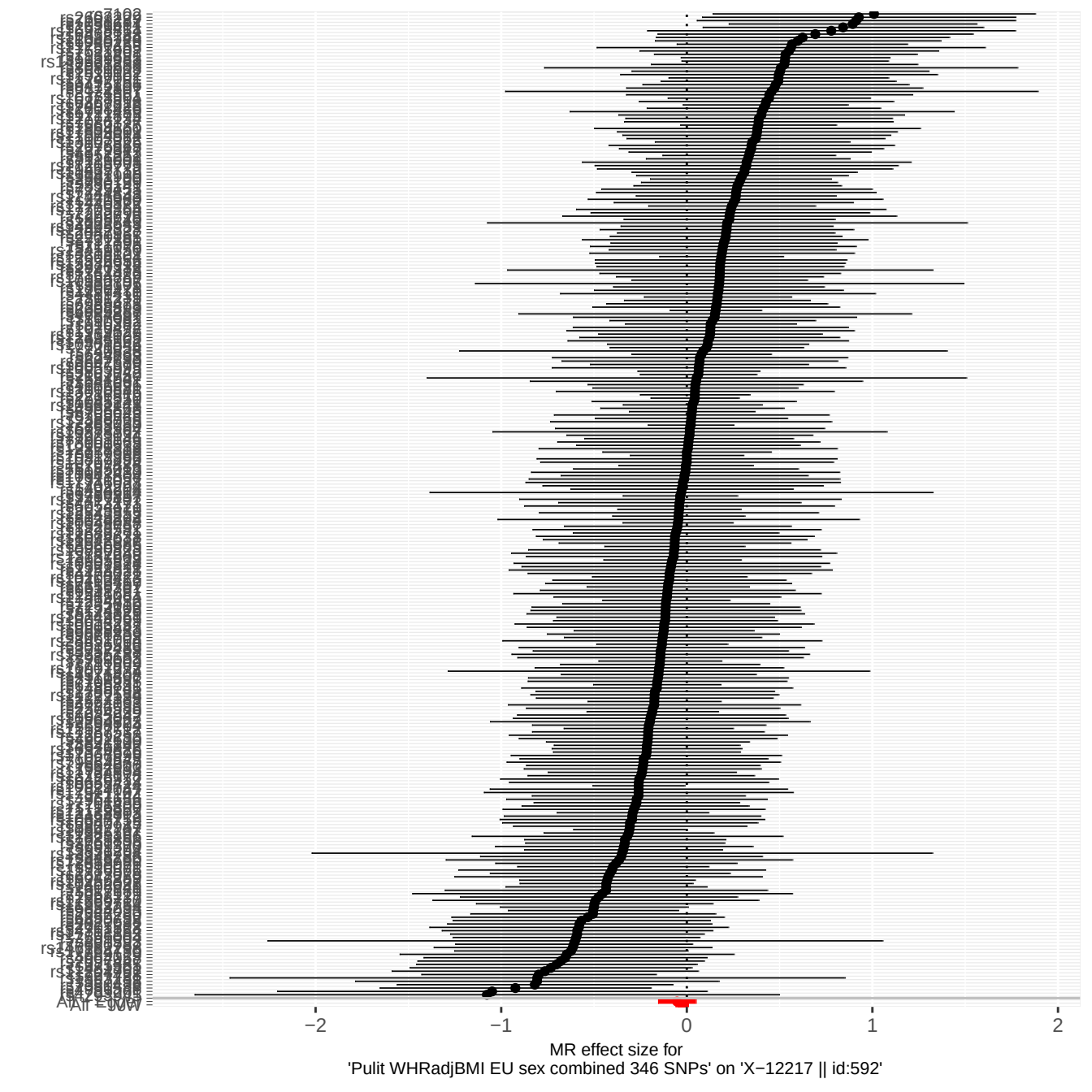

−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12188 || id:587'

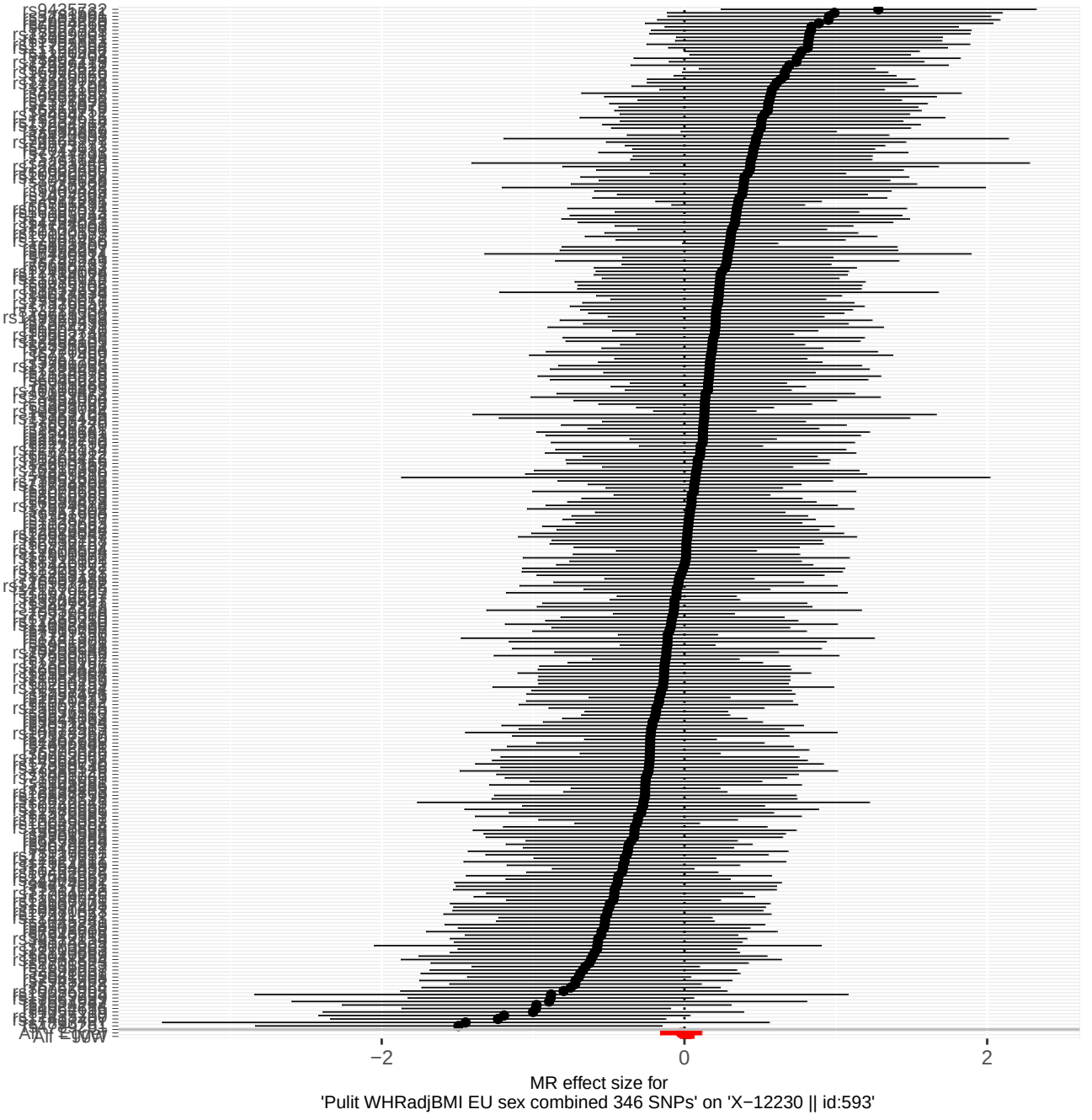

−5
0
5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12189 || id:588'

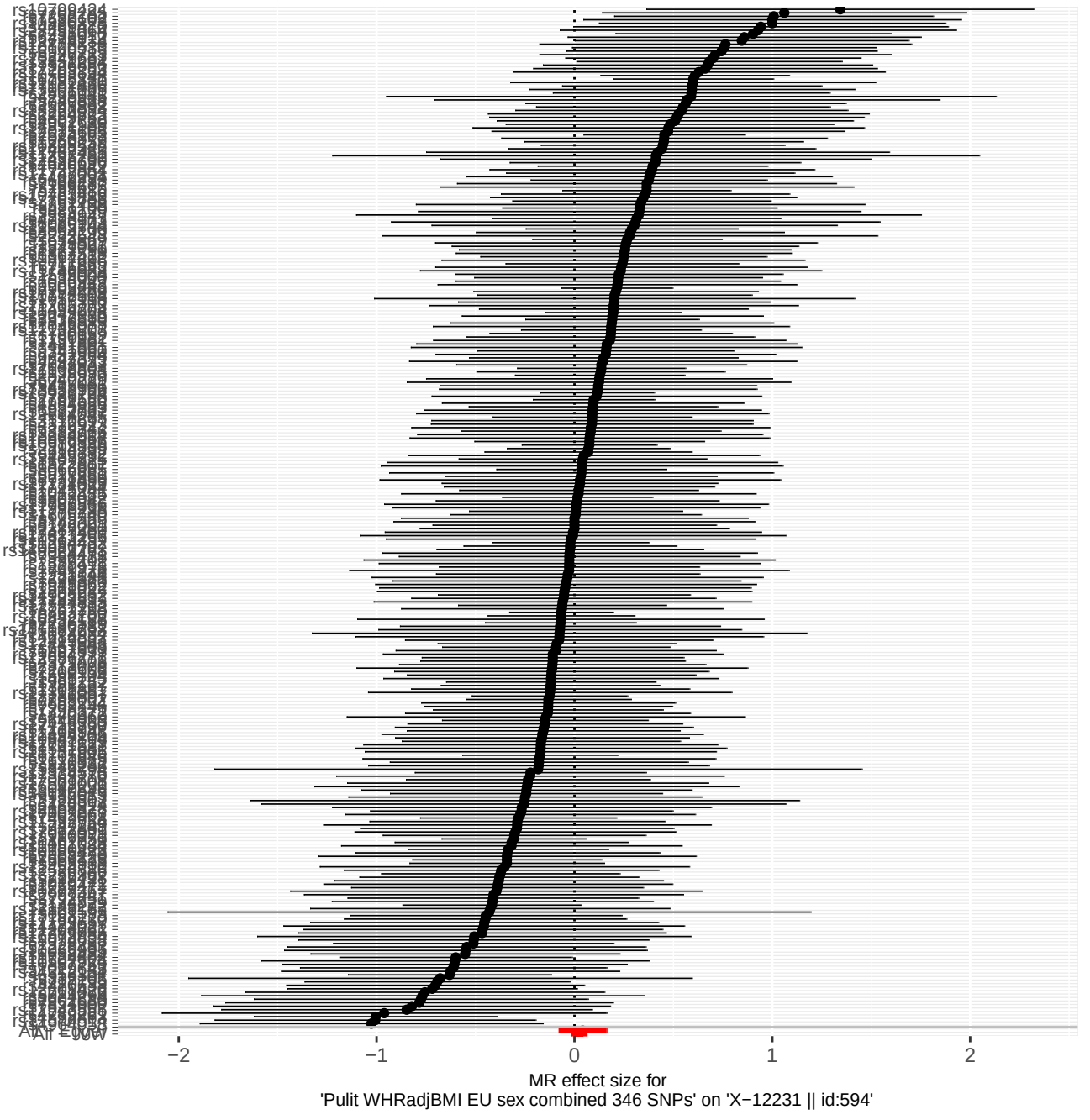

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12206 || id:589'

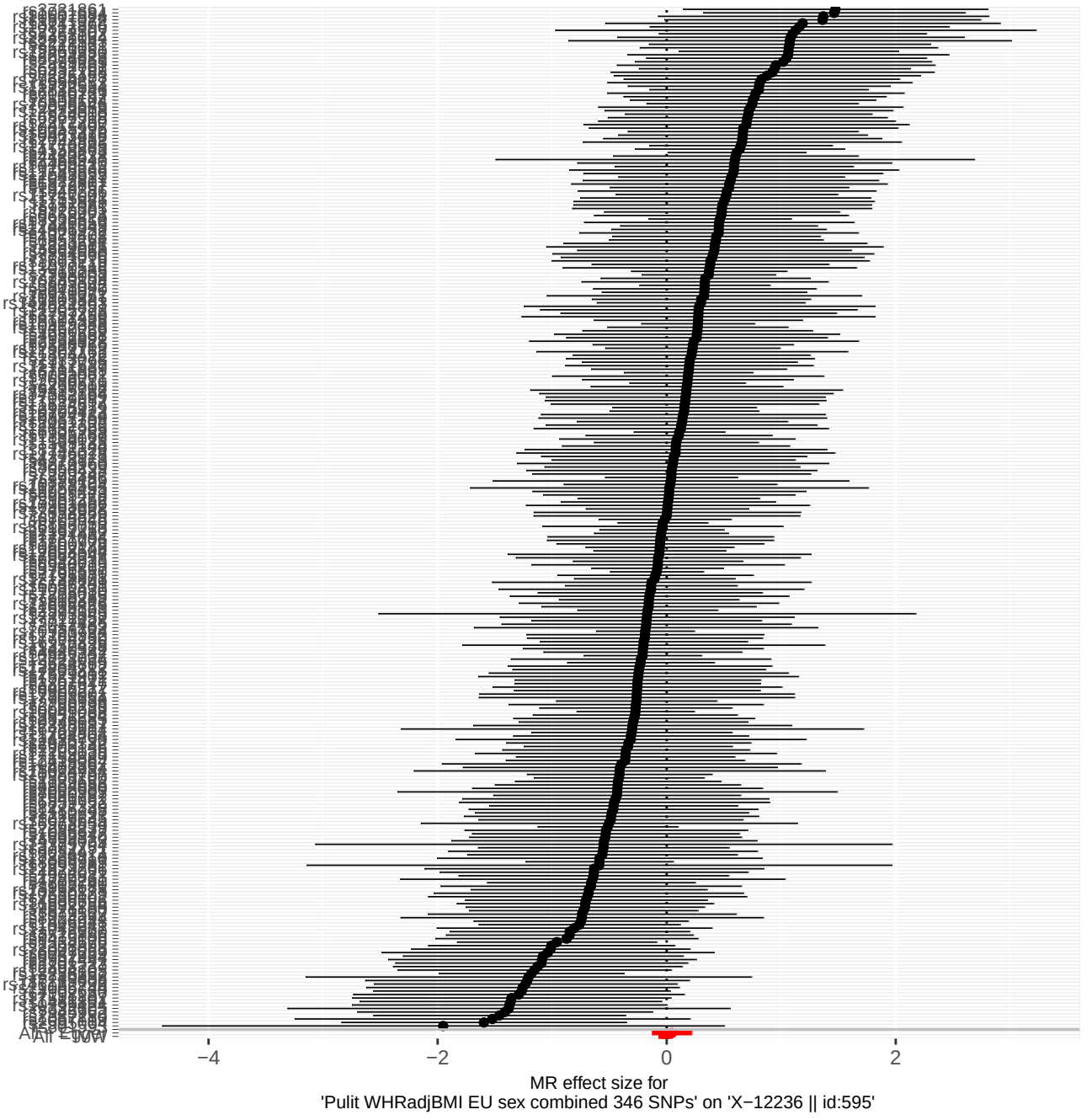

−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12212 || id:590'

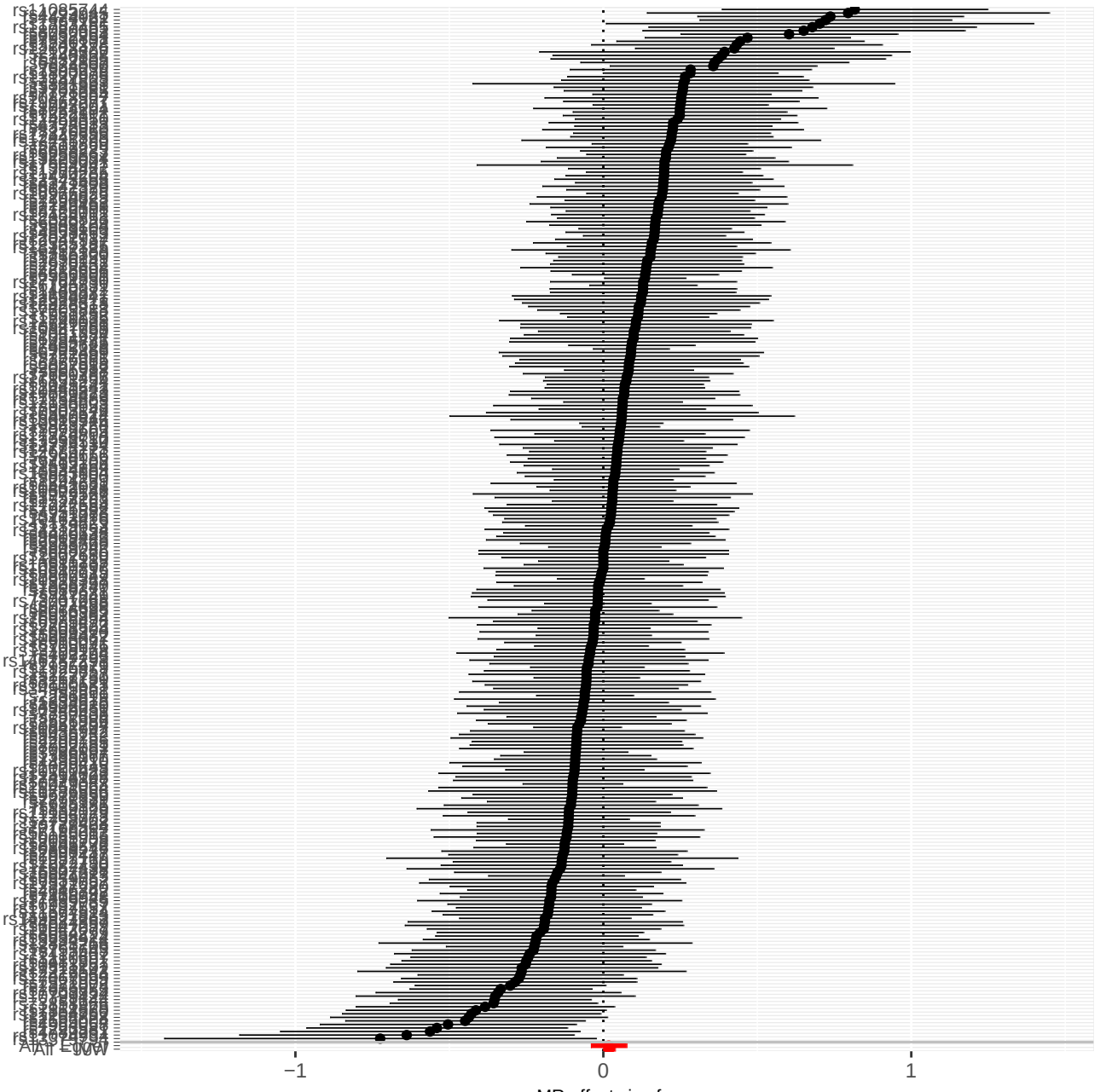

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12216 || id:591'

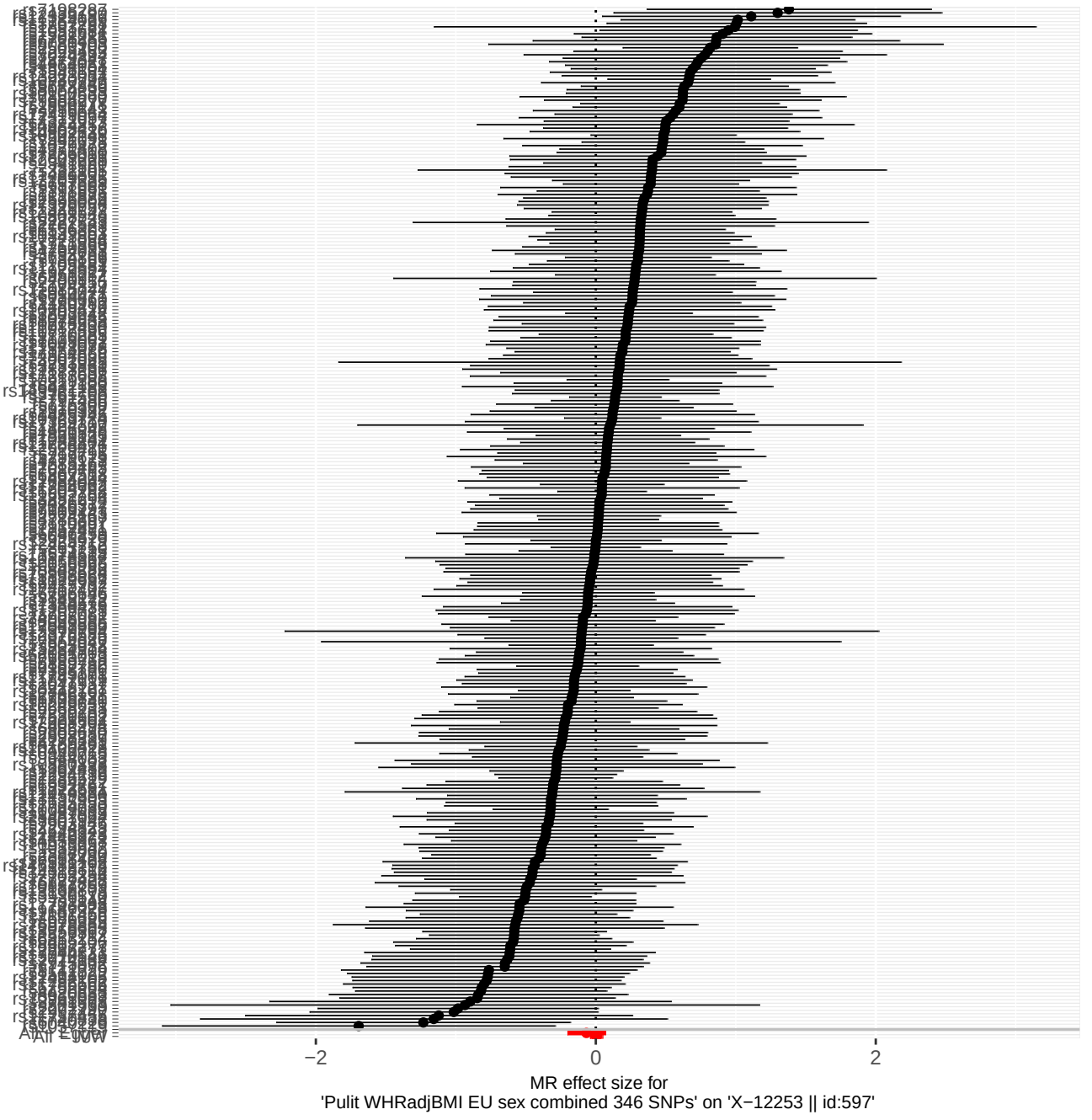

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12217 || id:592'

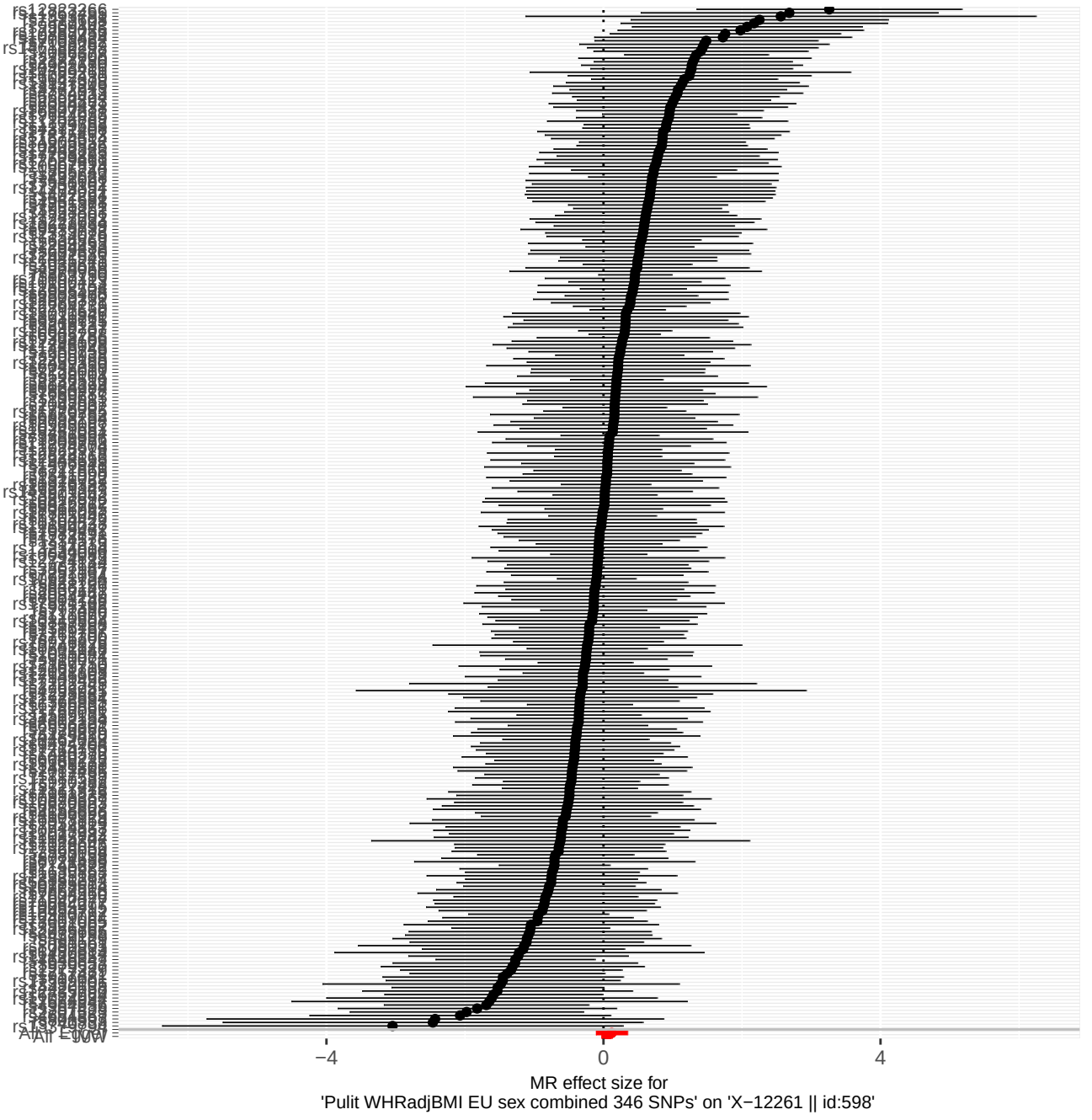

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12230 || id:593'

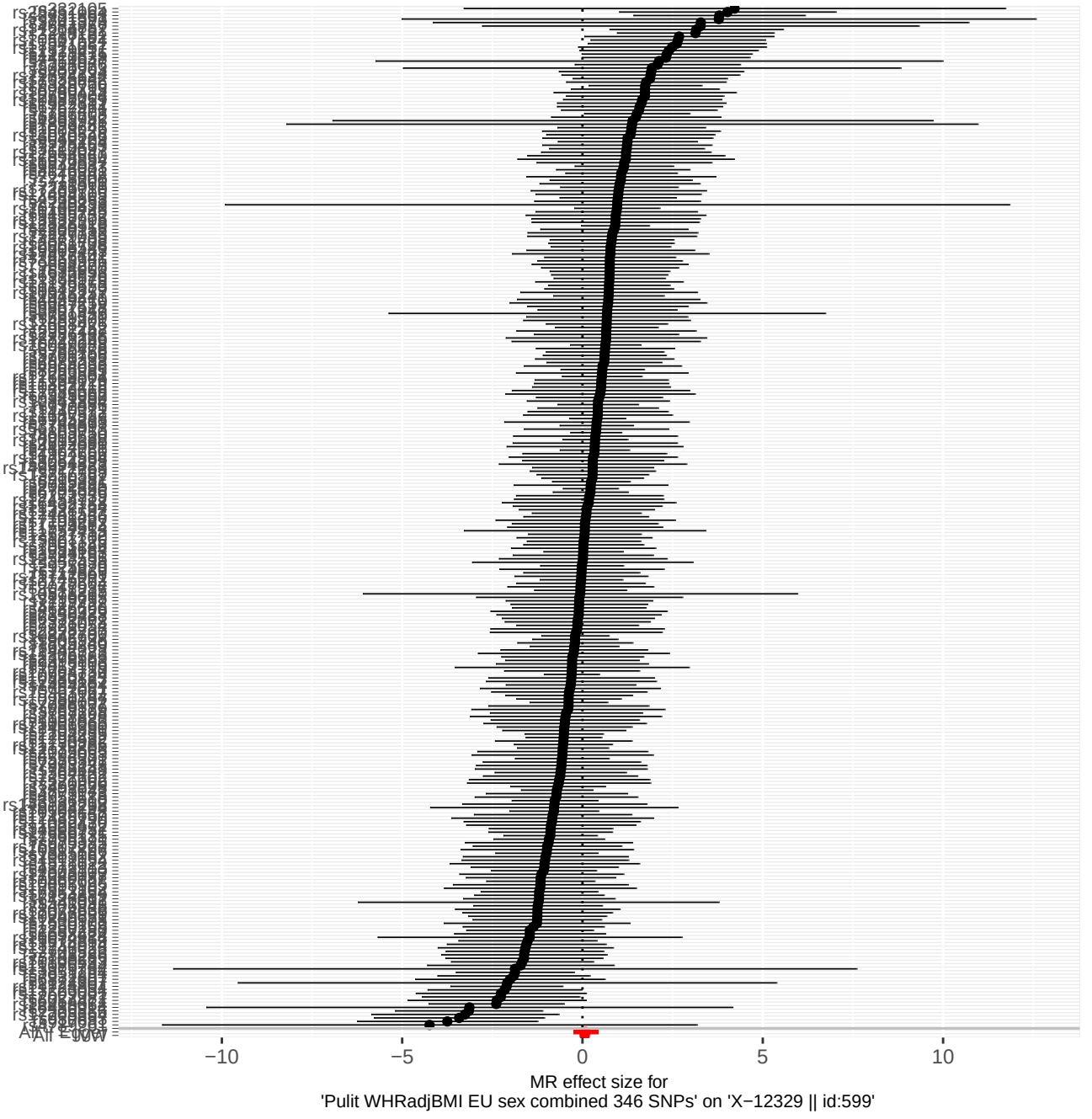

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12231 || id:594'

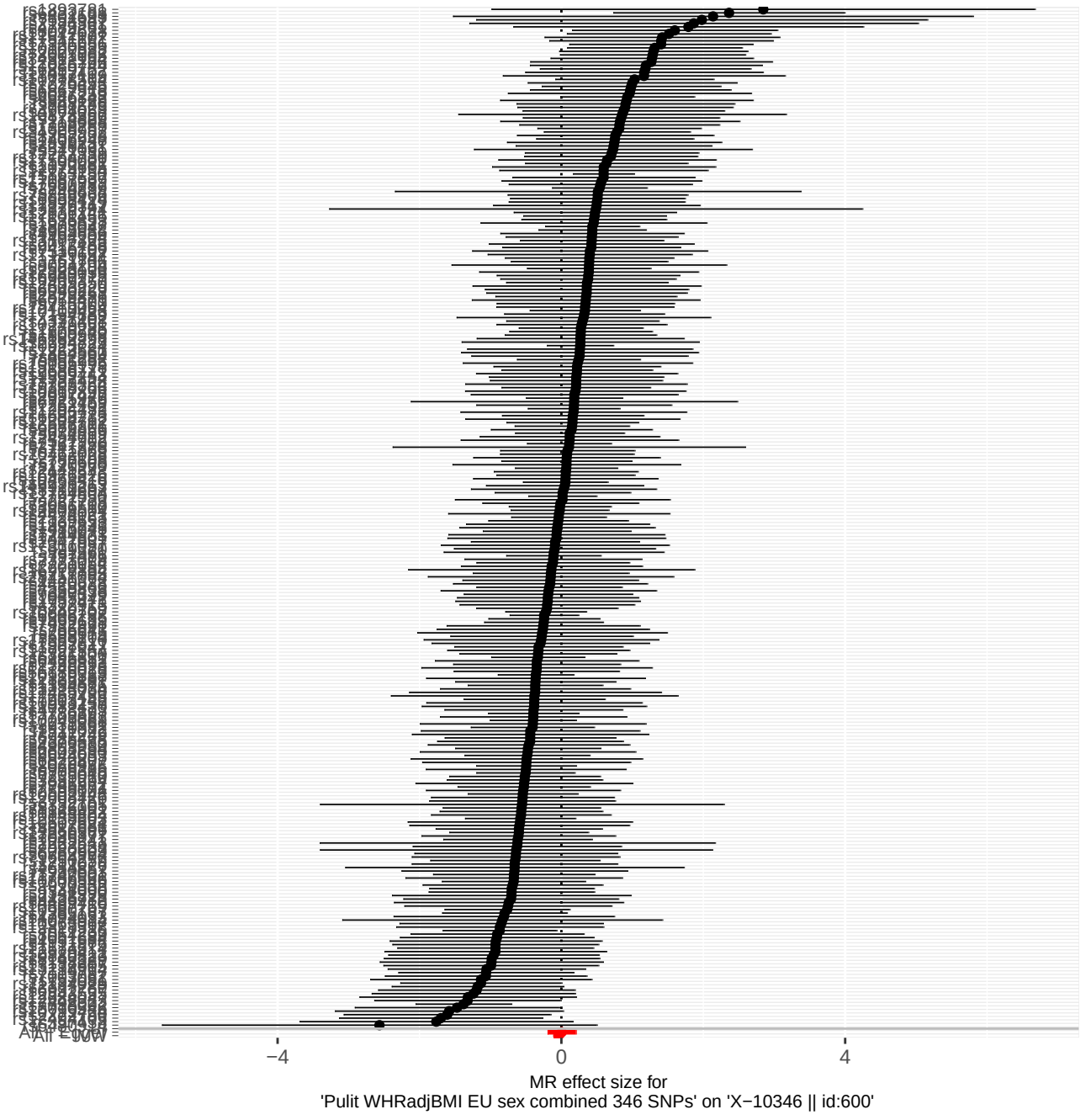

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12236 || id:595'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12244−−N−acetylcarnosine || id:596'


−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12253 || id:597'


−4
0
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12261 || id:598'


−10
−5
0
5
10
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12329 || id:599'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0
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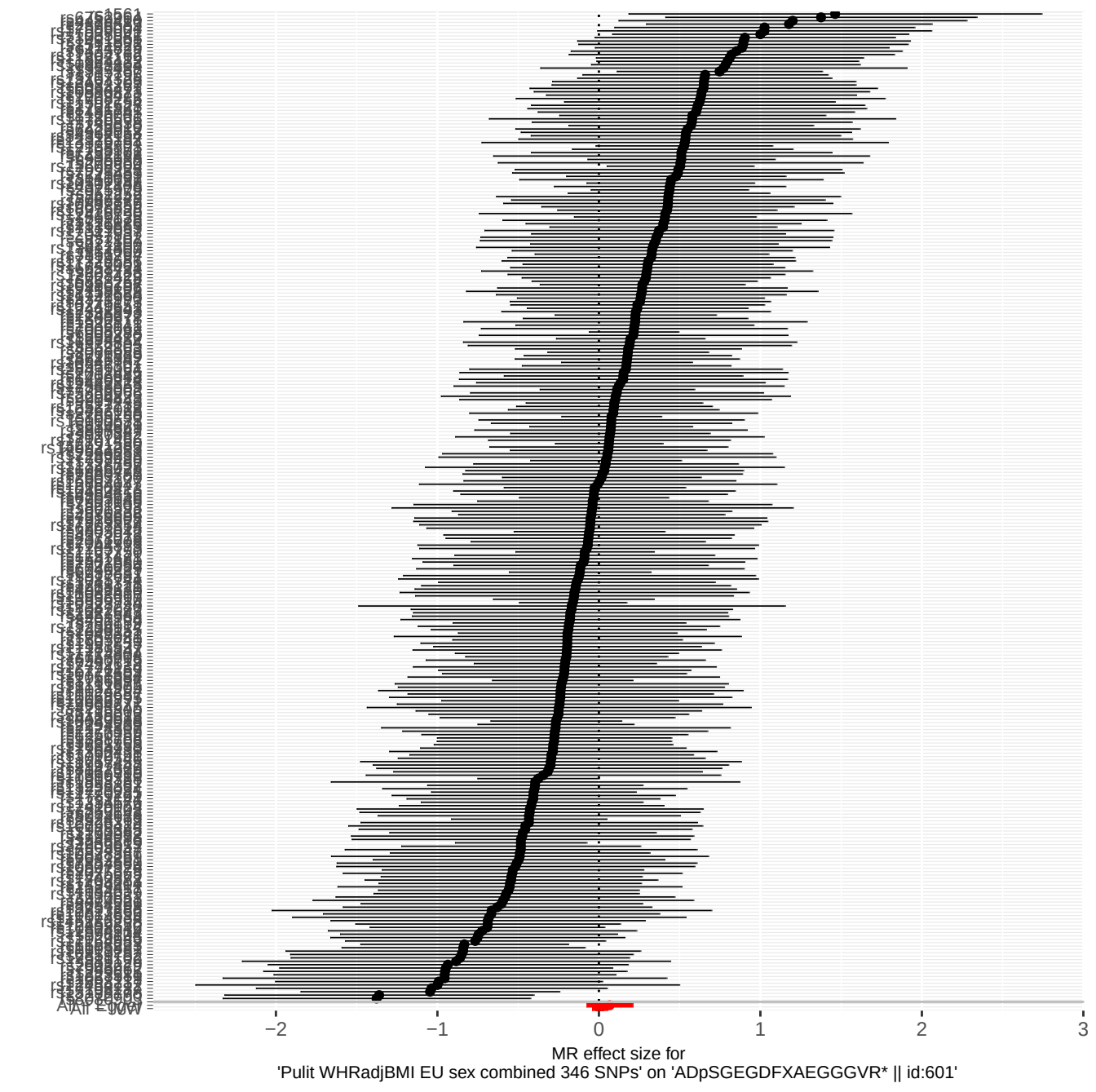
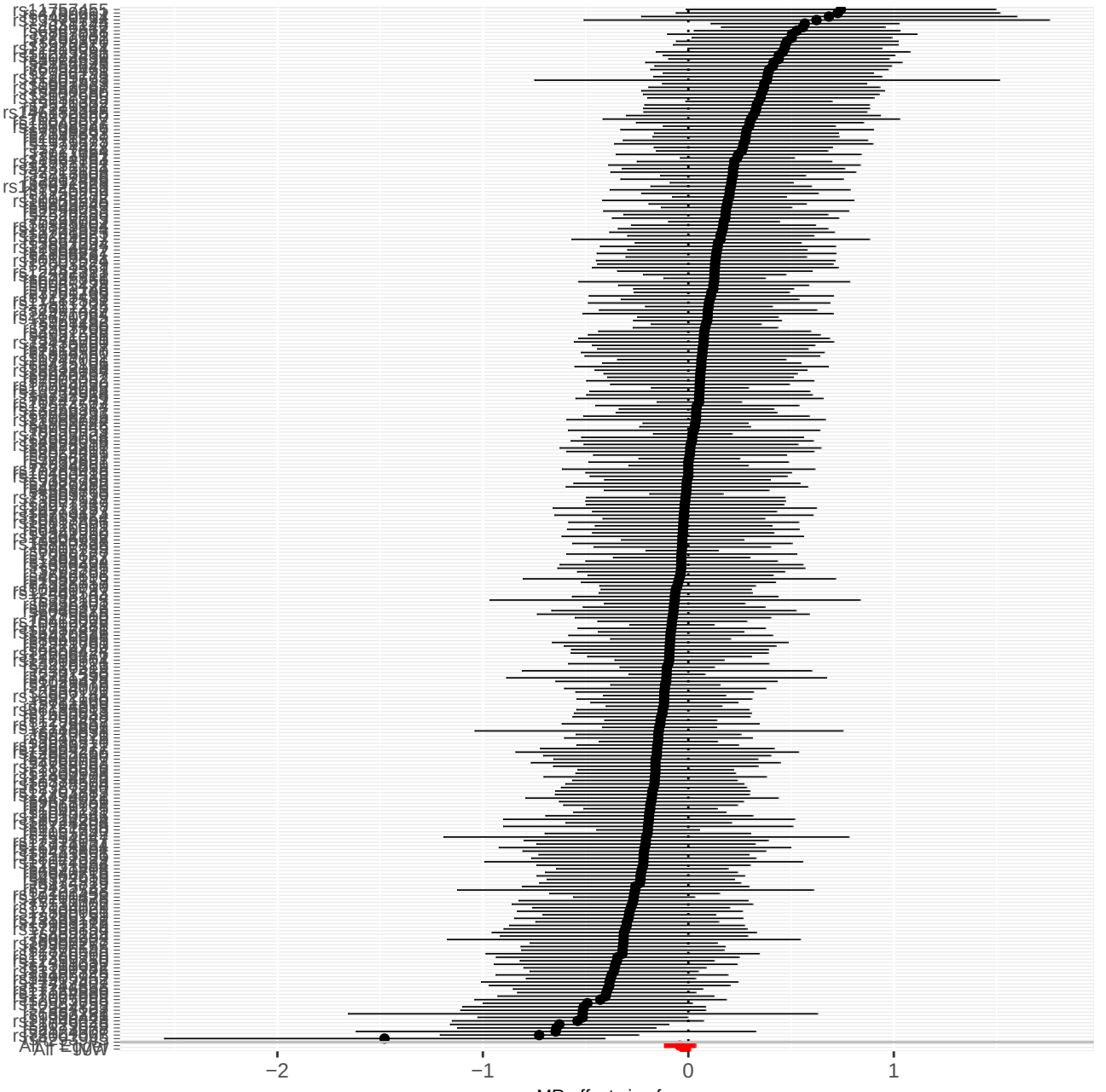
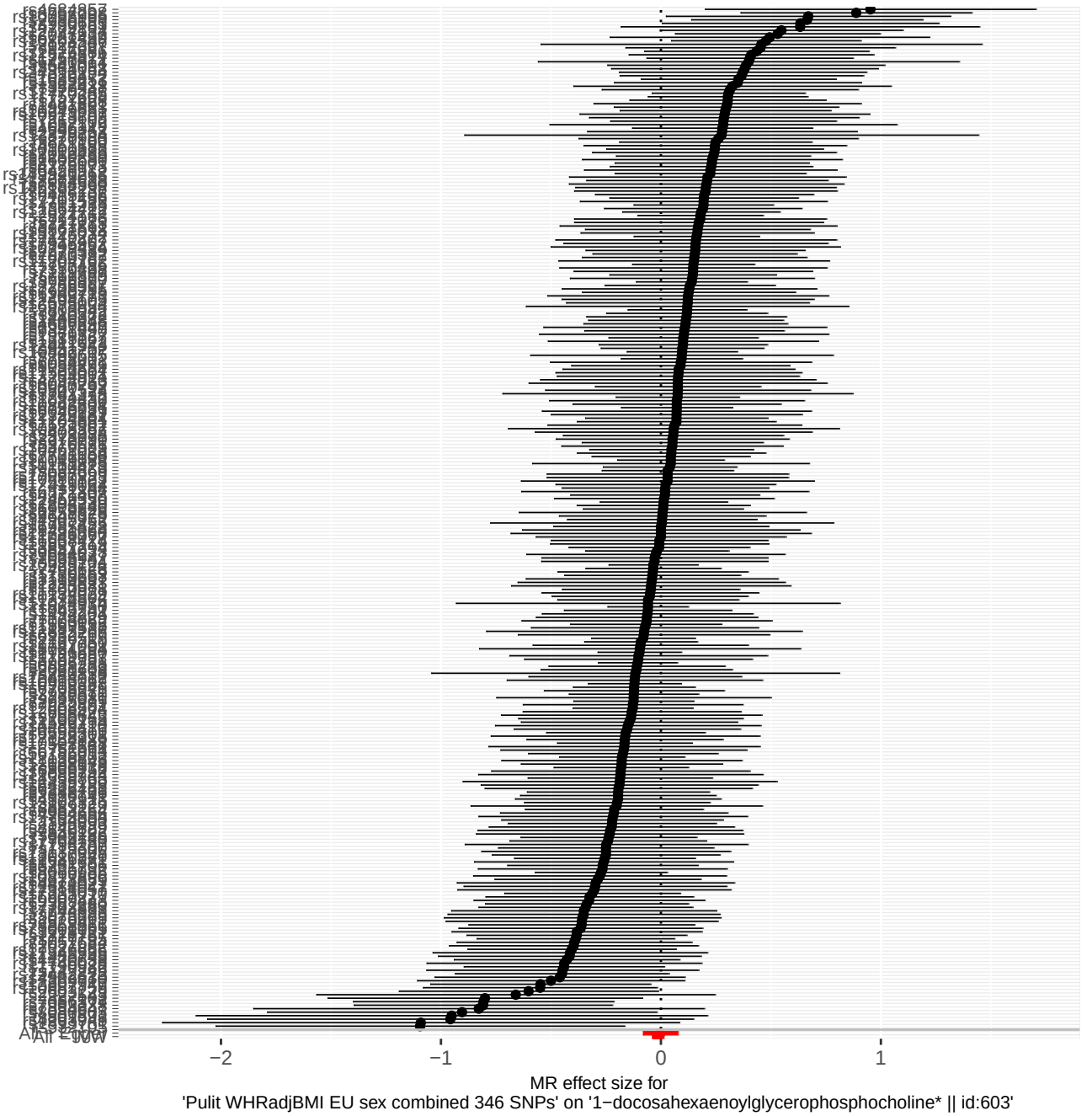
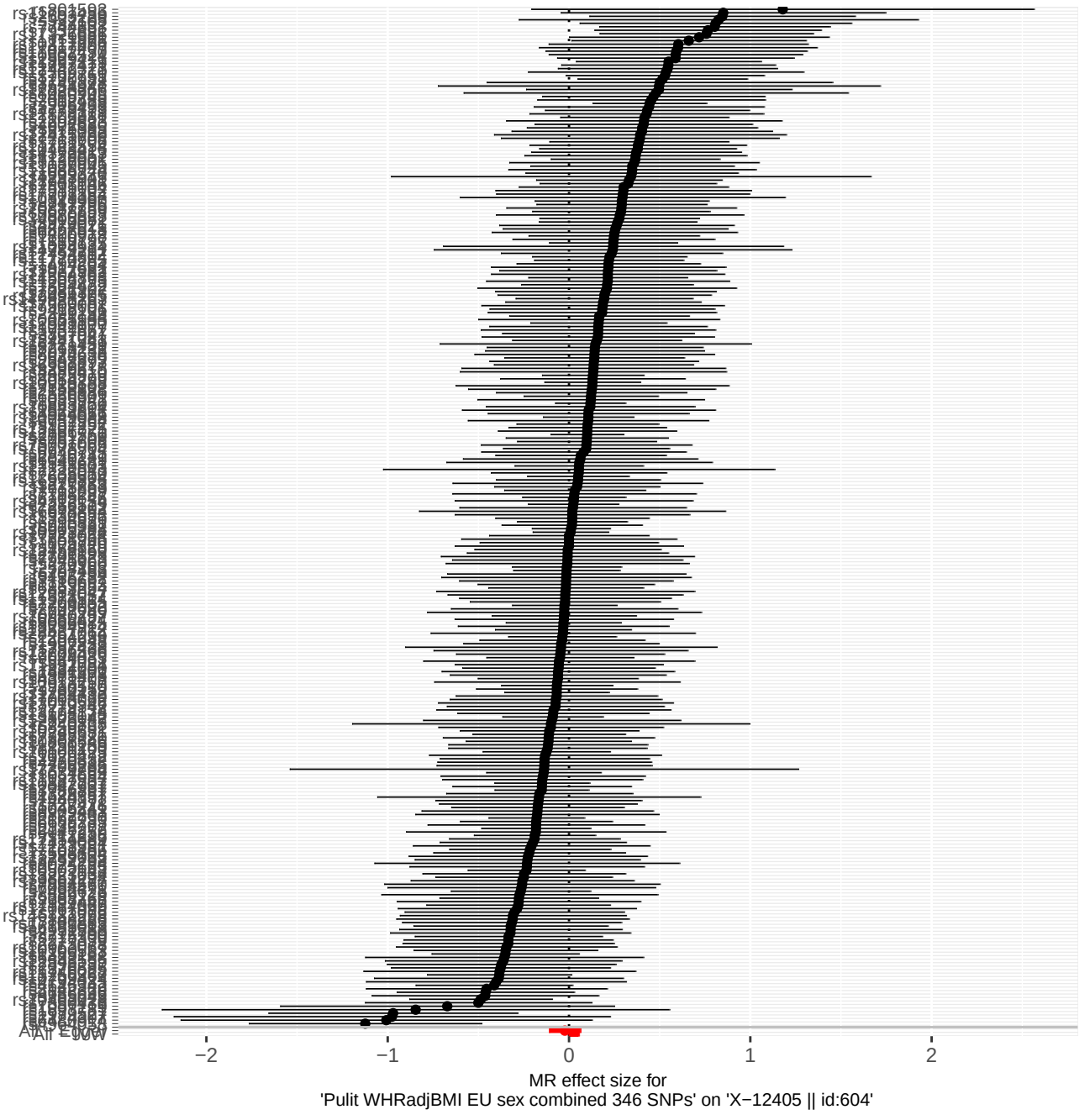
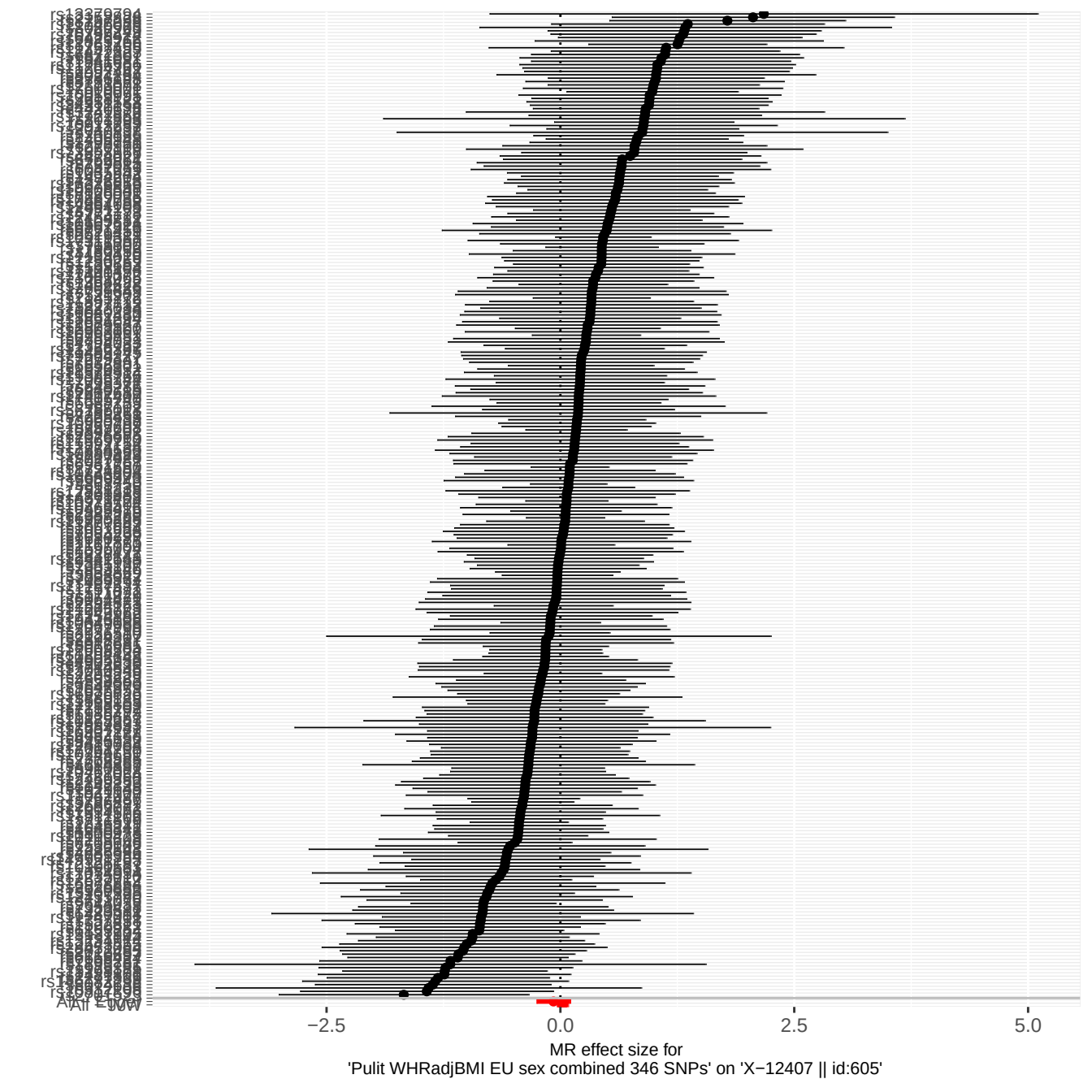
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−10346 || id:600'


−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'ADpSGEGDFXAEGGGVR* || id:601'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−eicosatrienoylglycerophosphocholine* || id:602'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−docosahexaenoylglycerophosphocholine* || id:603'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12405 || id:604'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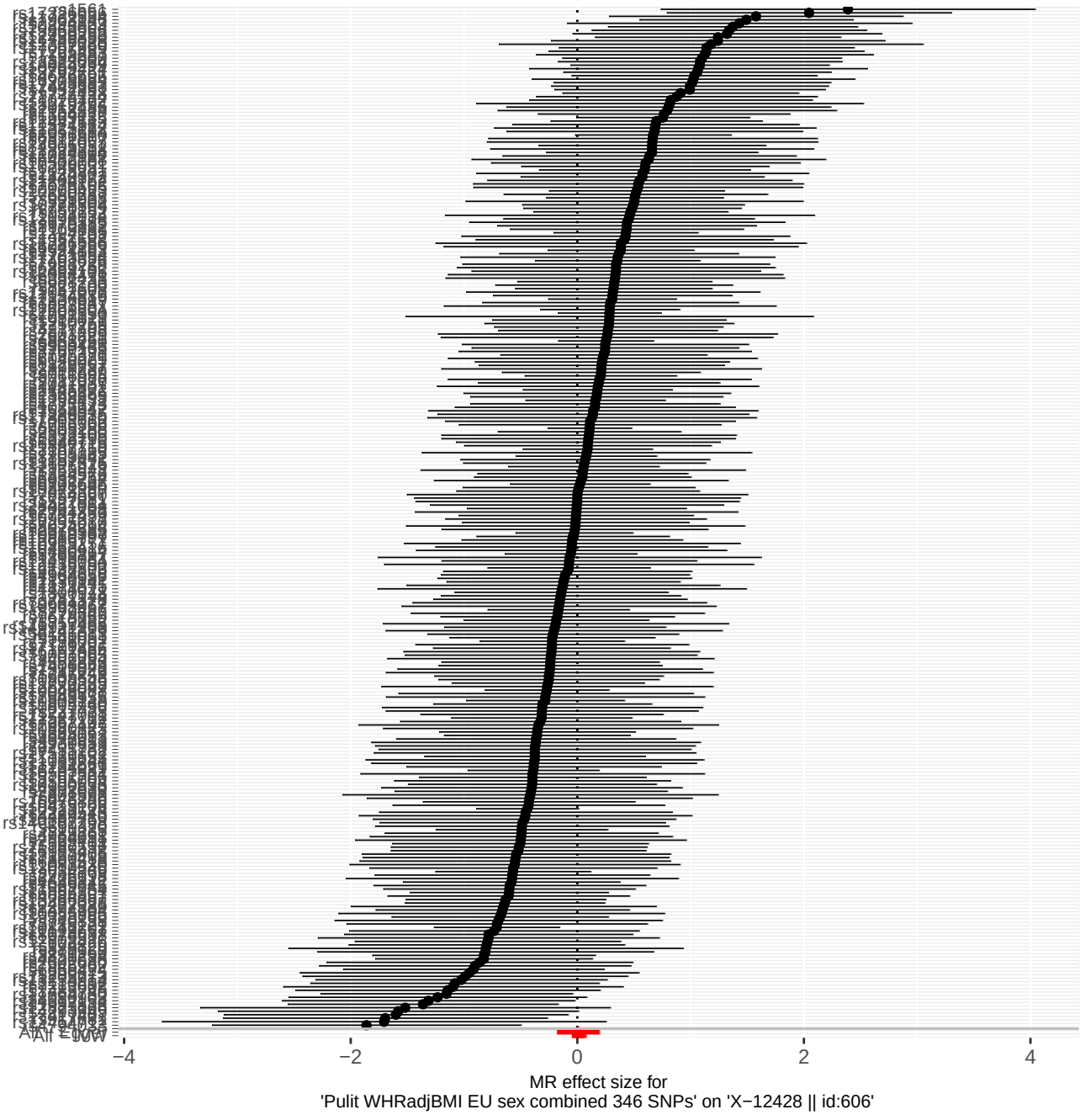
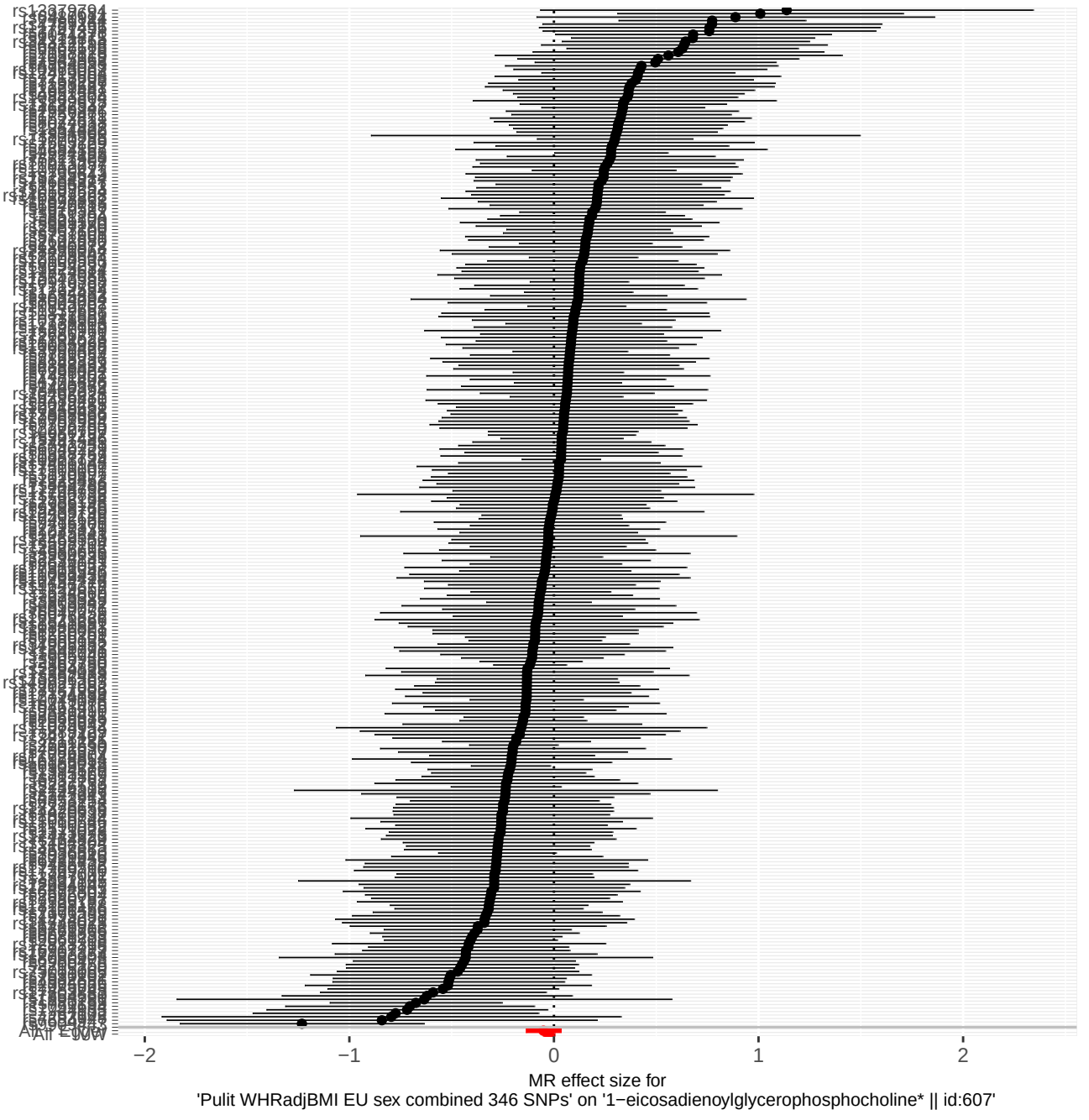
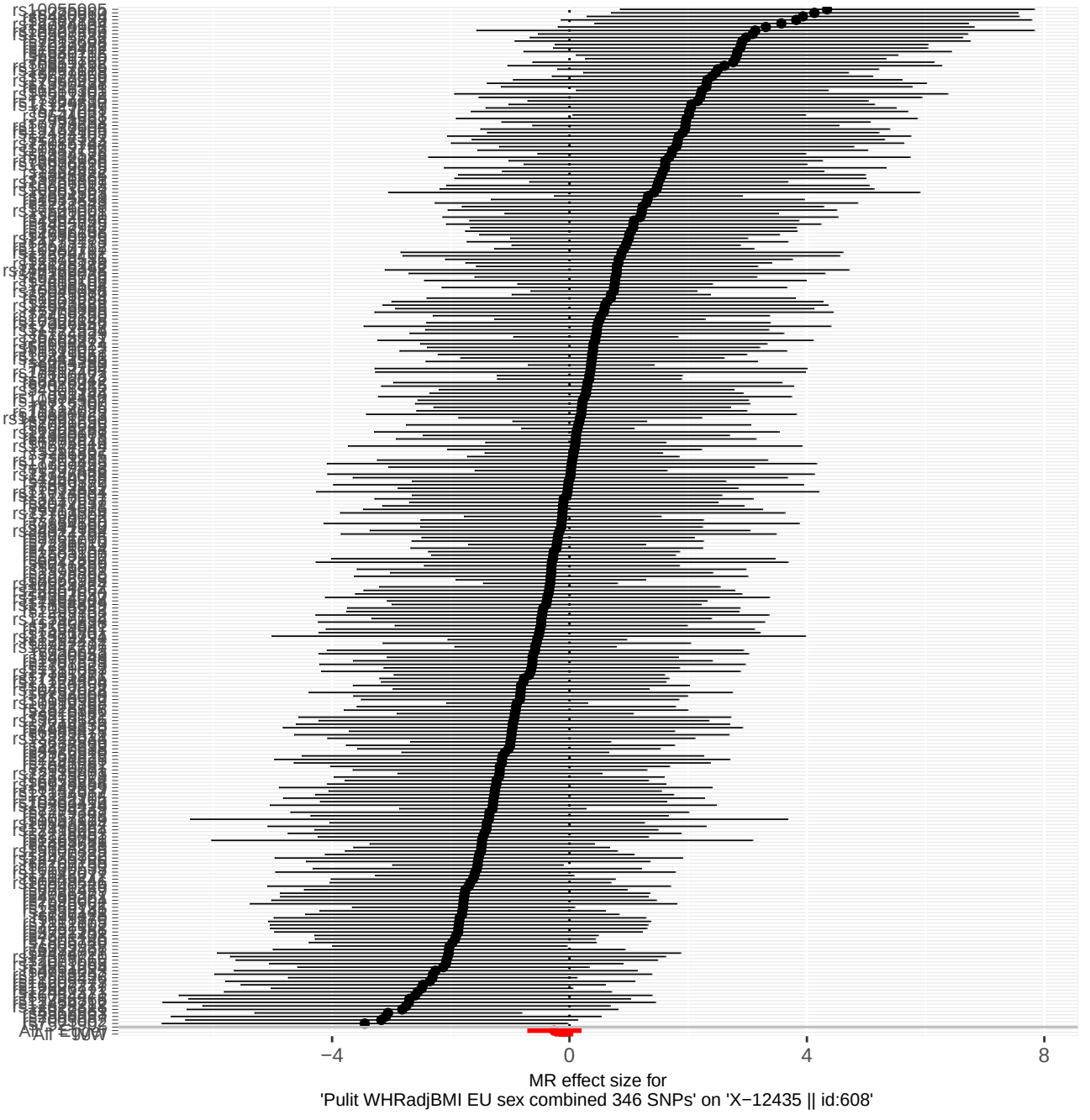
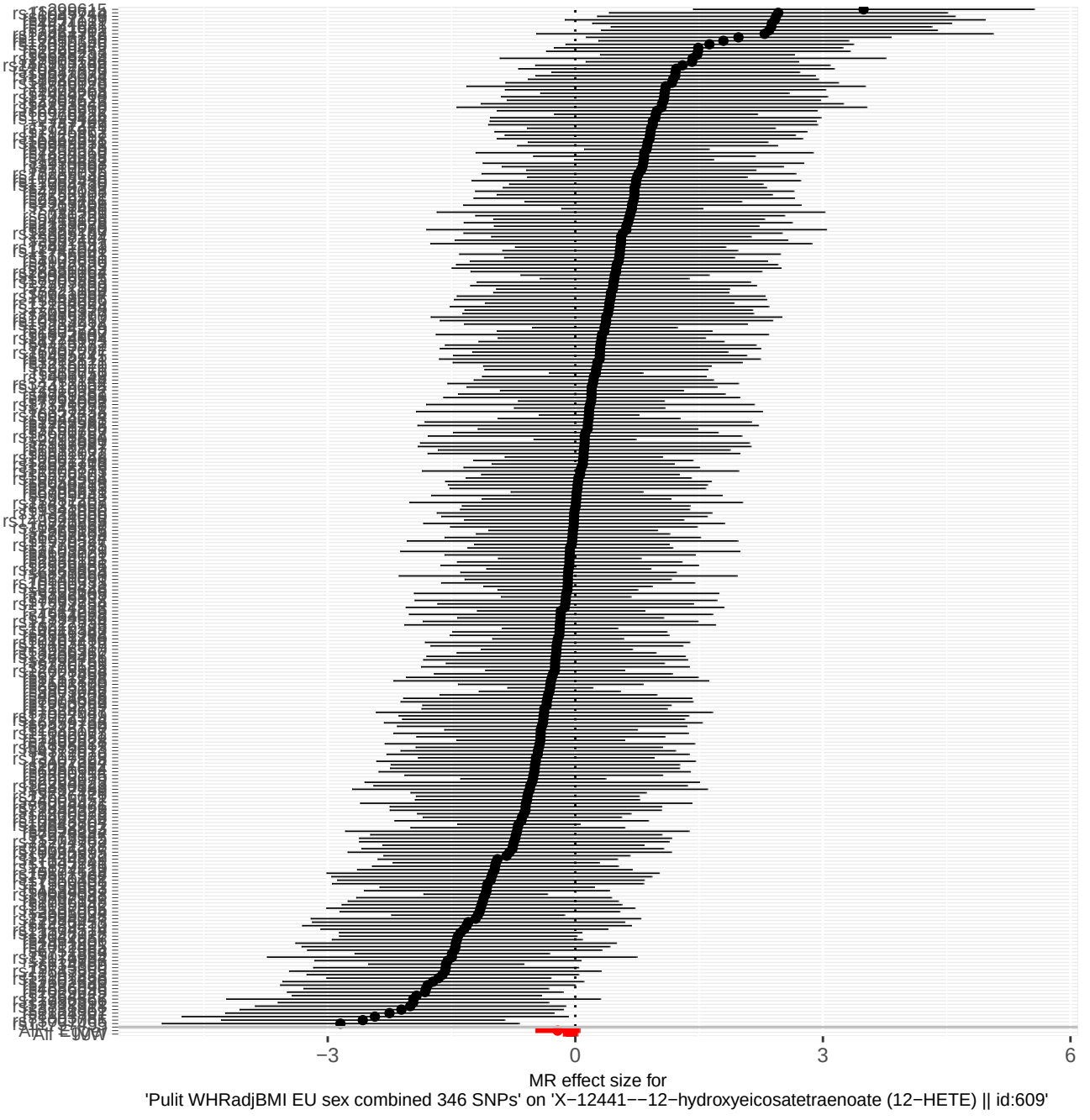
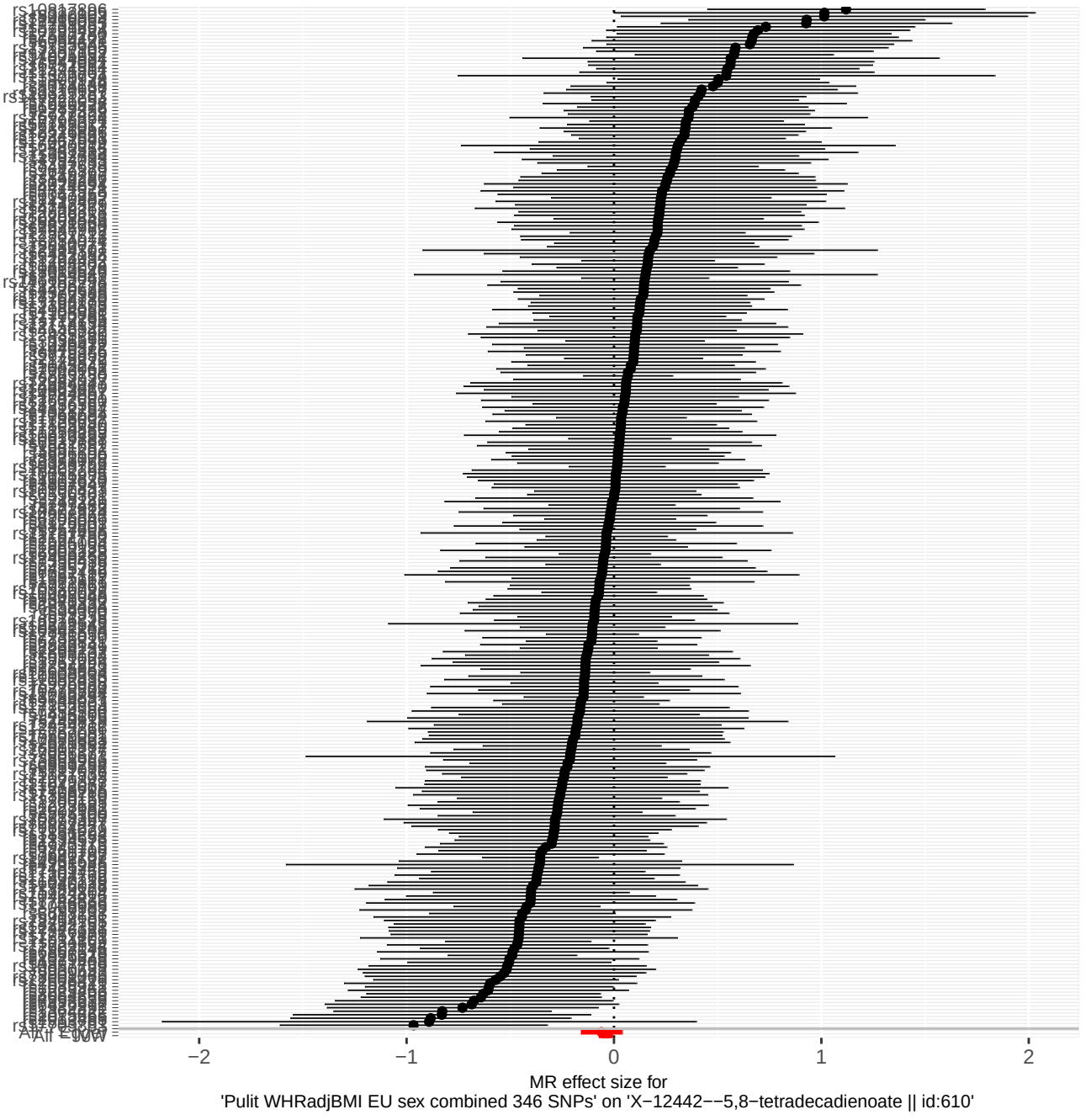
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12407 || id:605'

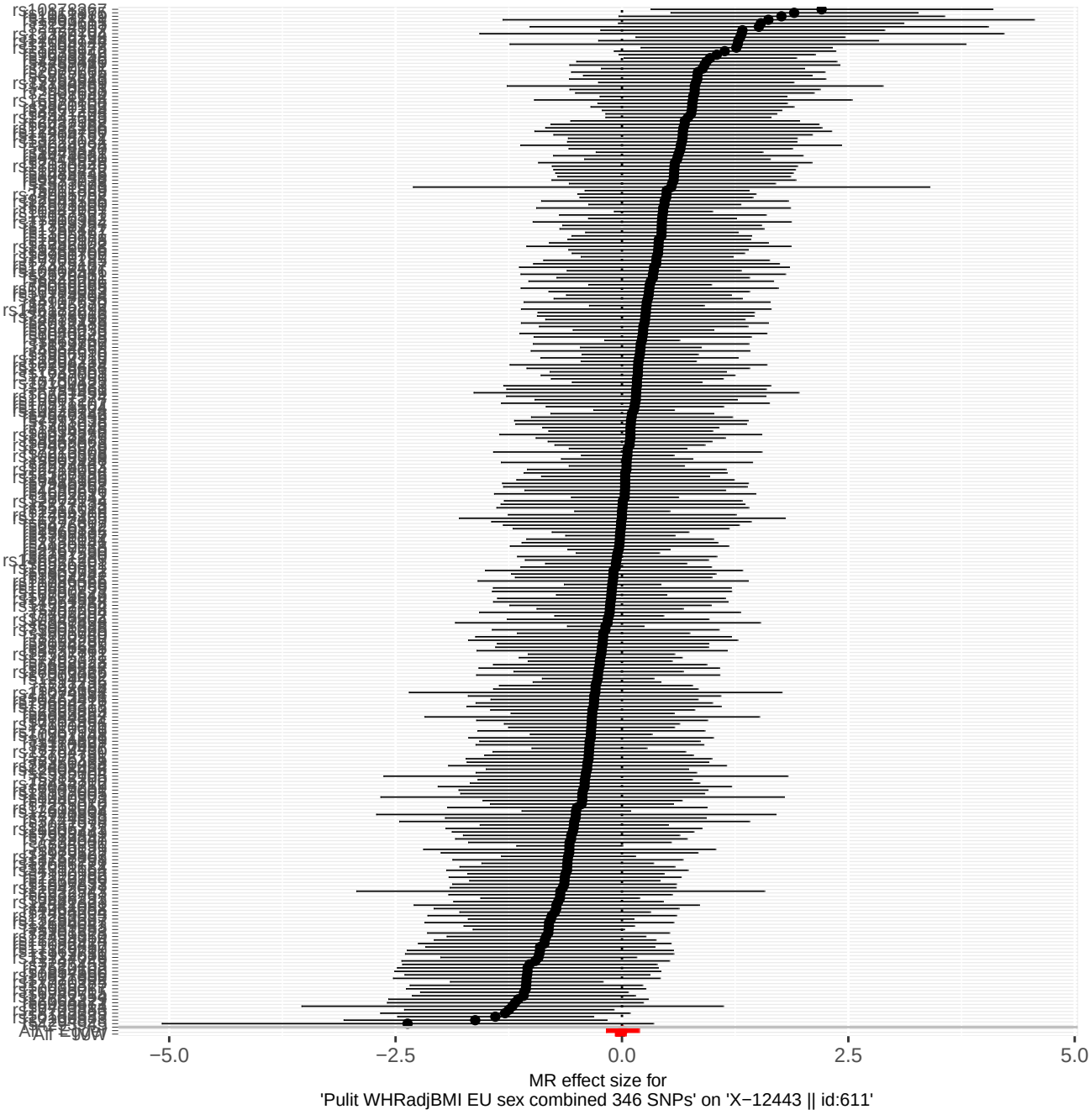

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12428 || id:606'

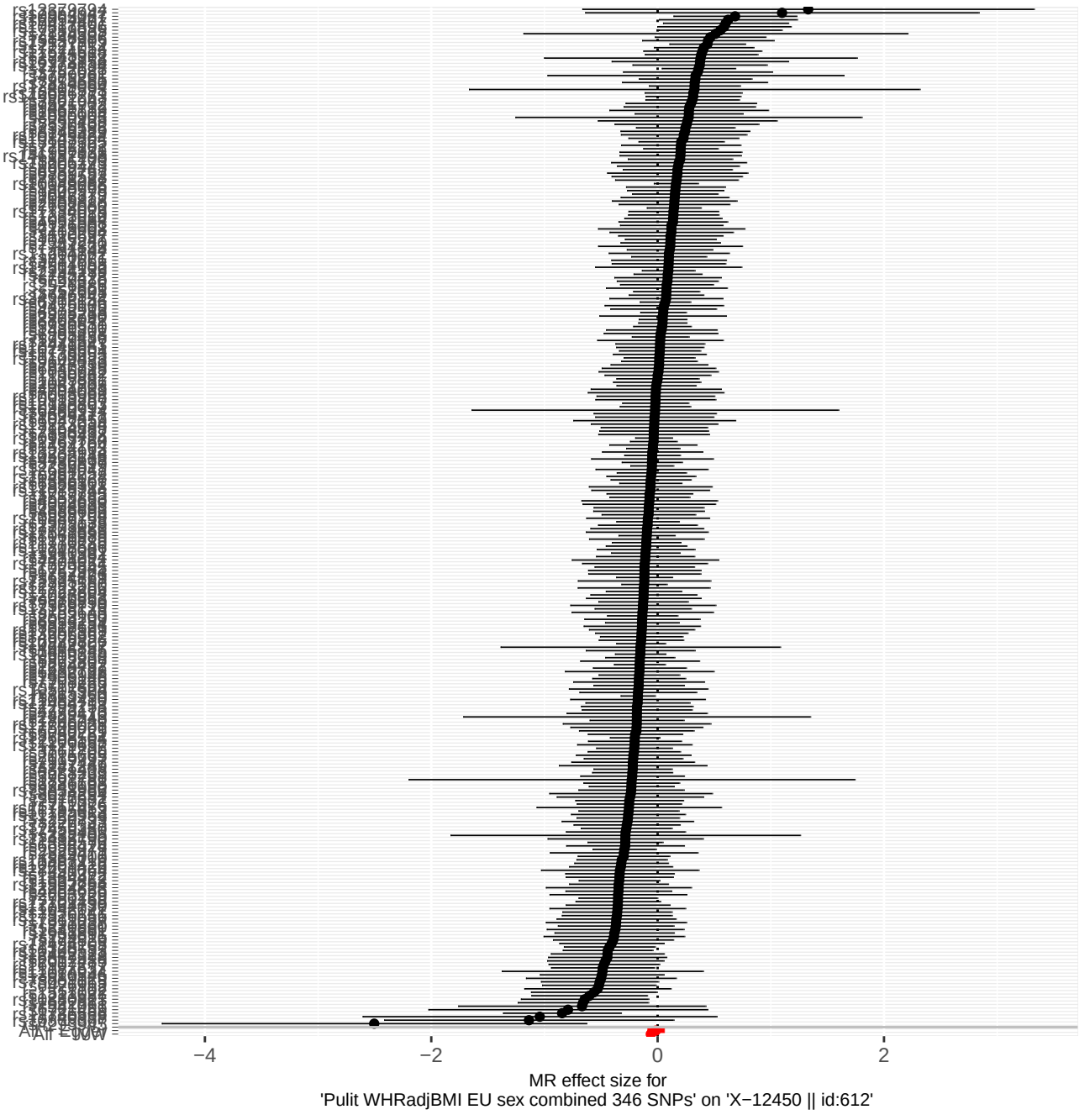

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−eicosadienoylglycerophosphocholine* || id:607'

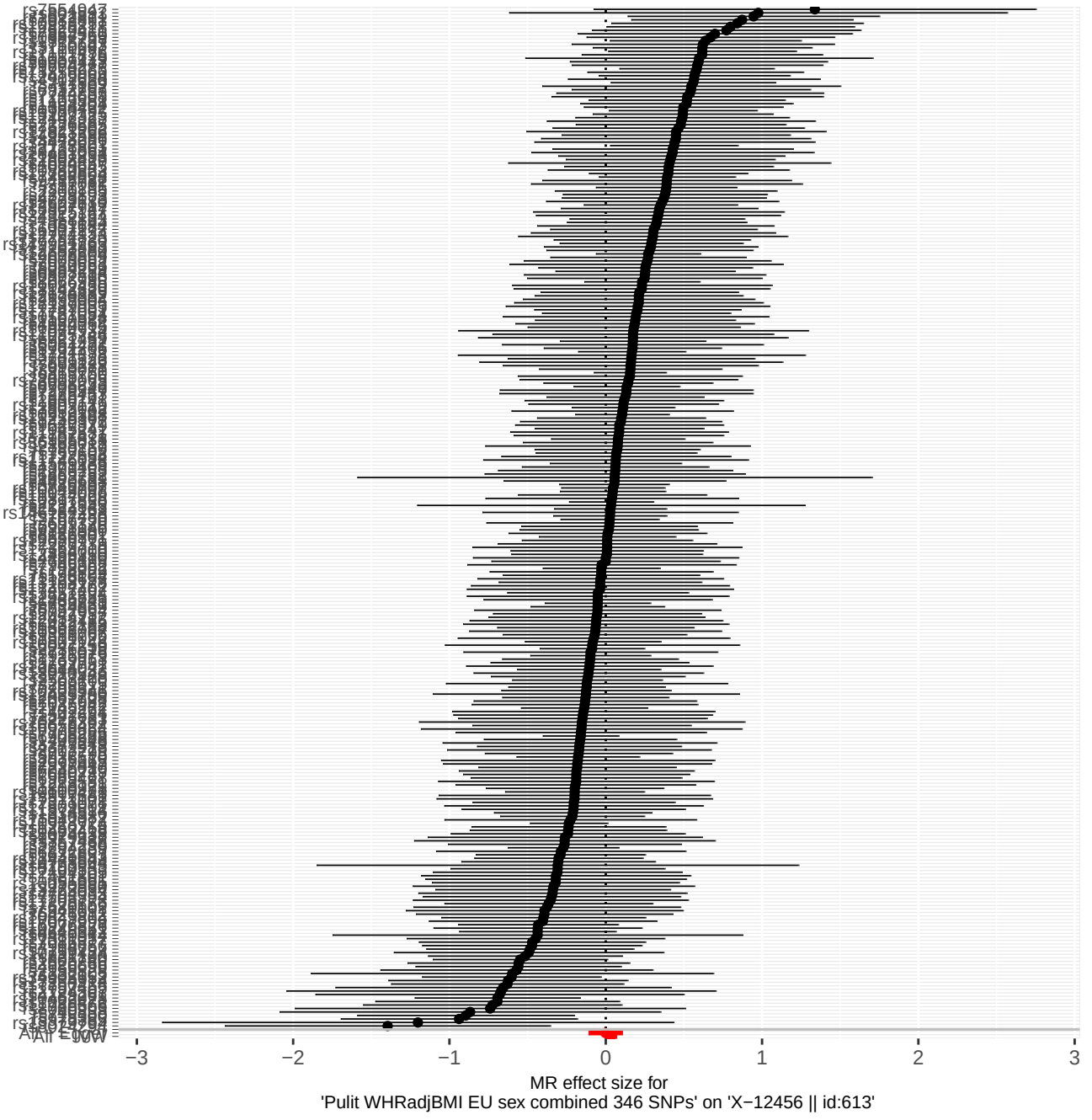

−4
0
4
8
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12435 || id:608'

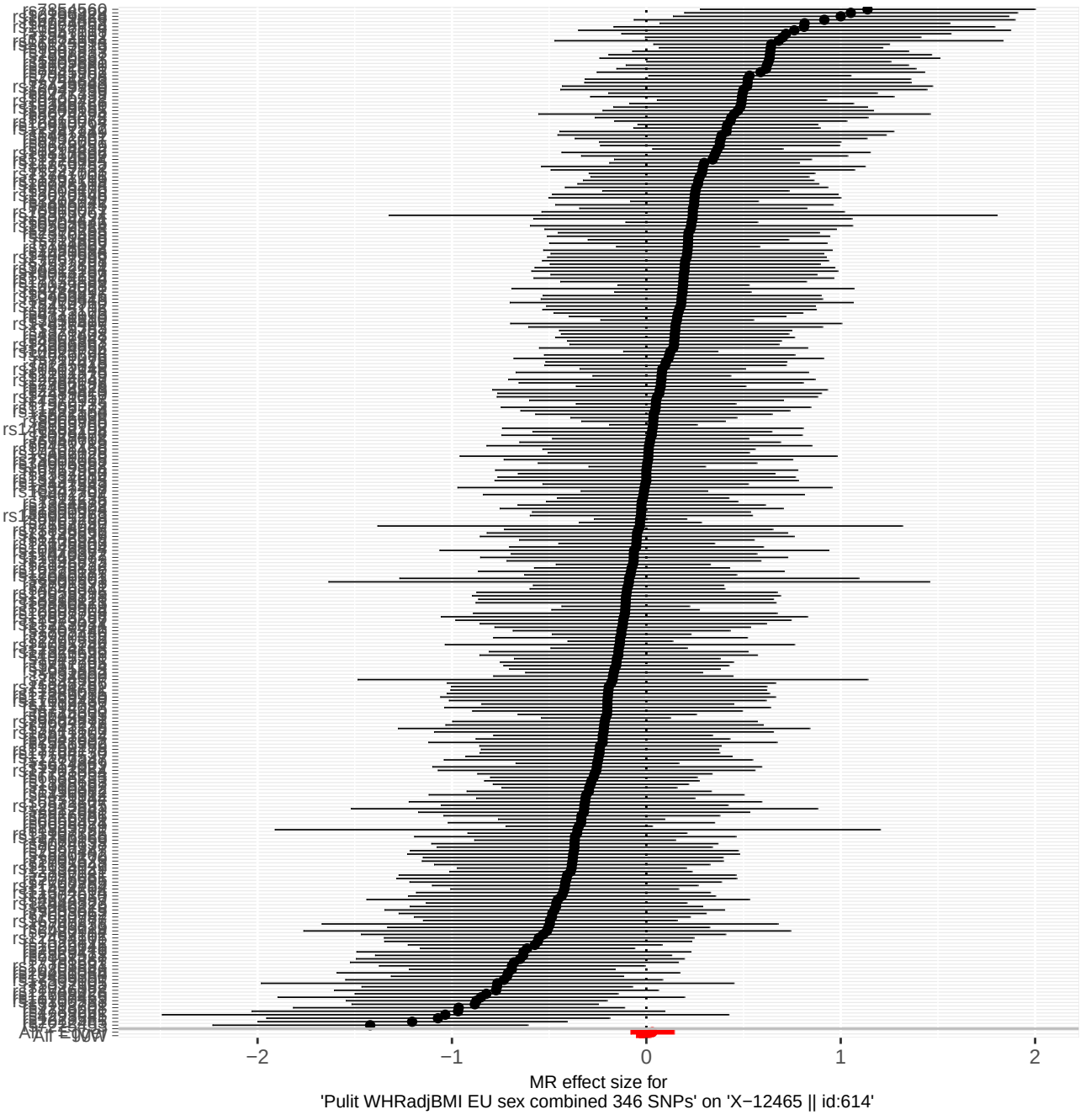

−3
0
3
6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12441−−12−hydroxyeicosatetraenoate (12−HETE) || id:609'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12442−−5,8−tetradecadienoate || id:610'


−5.0
−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12443 || id:611'


−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12450 || id:612'


−3
−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12456 || id:613'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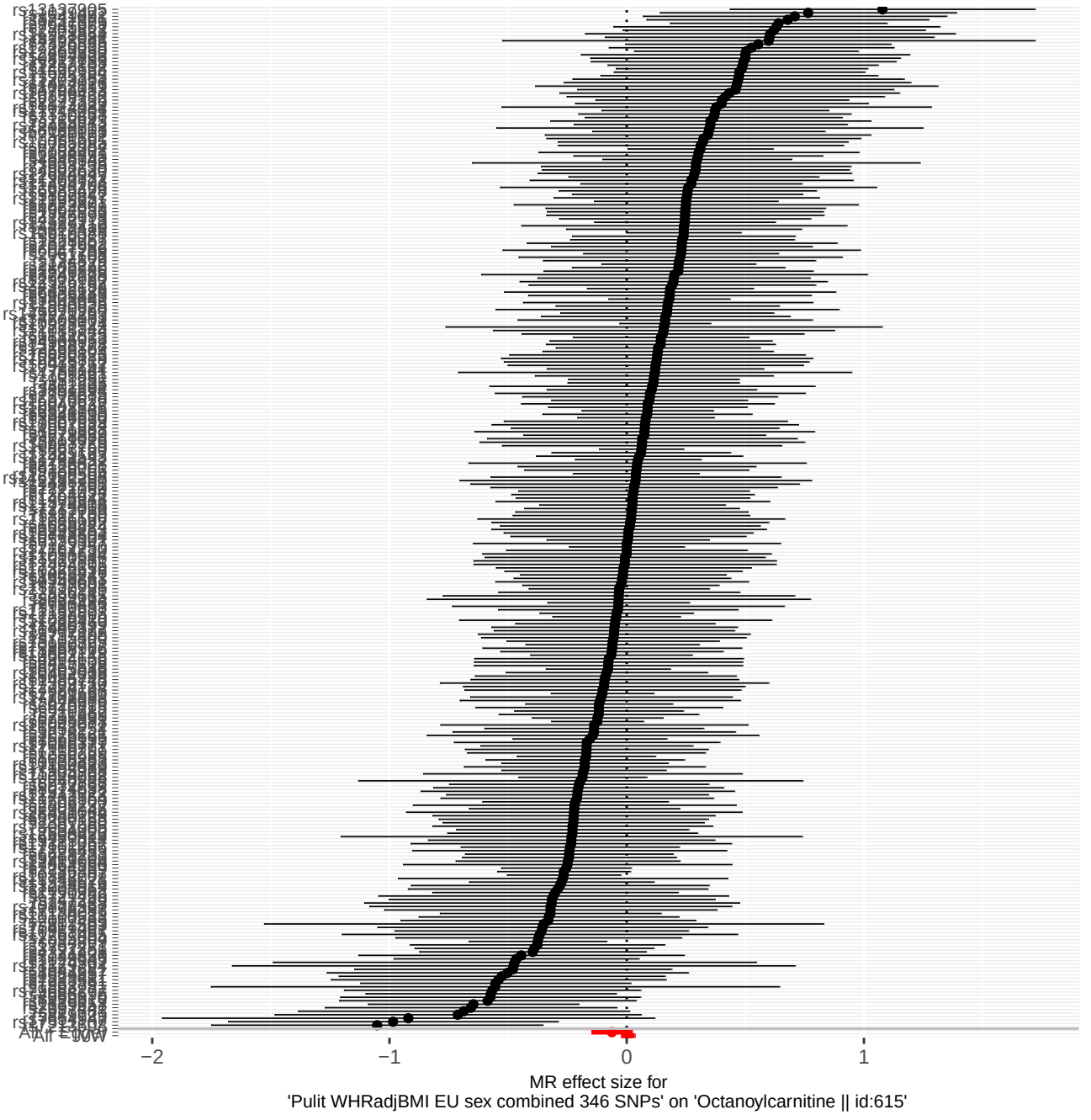
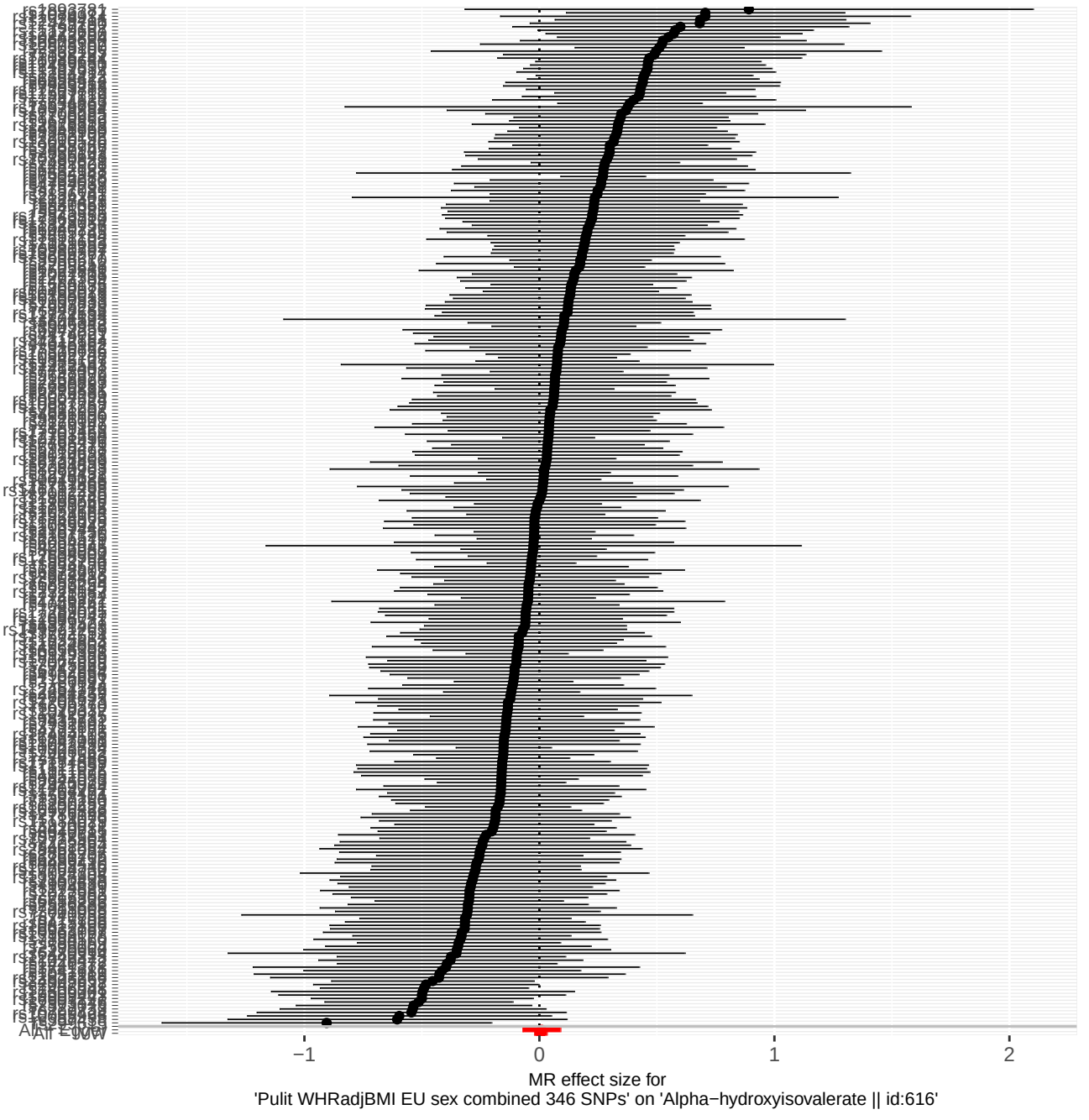
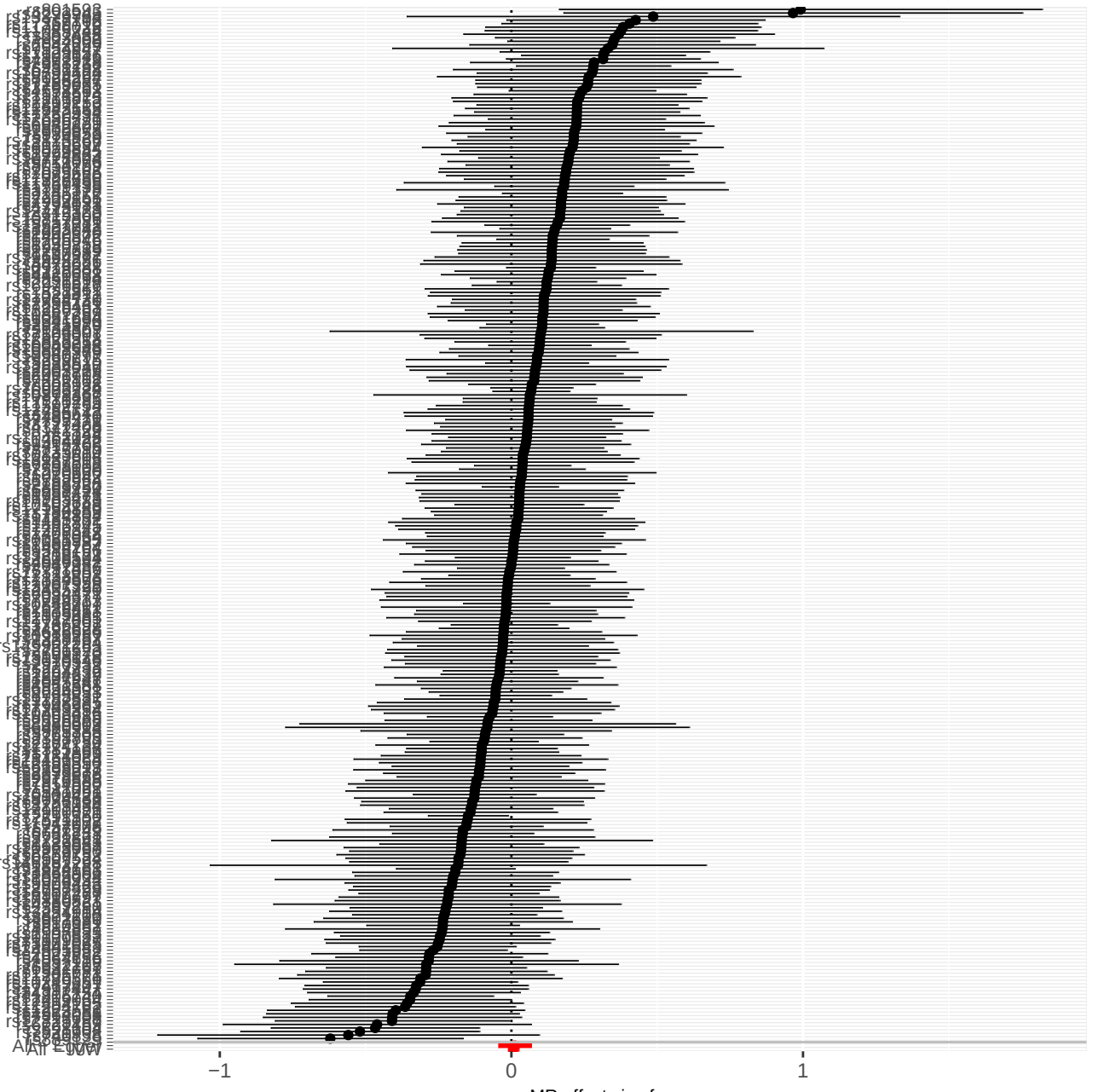
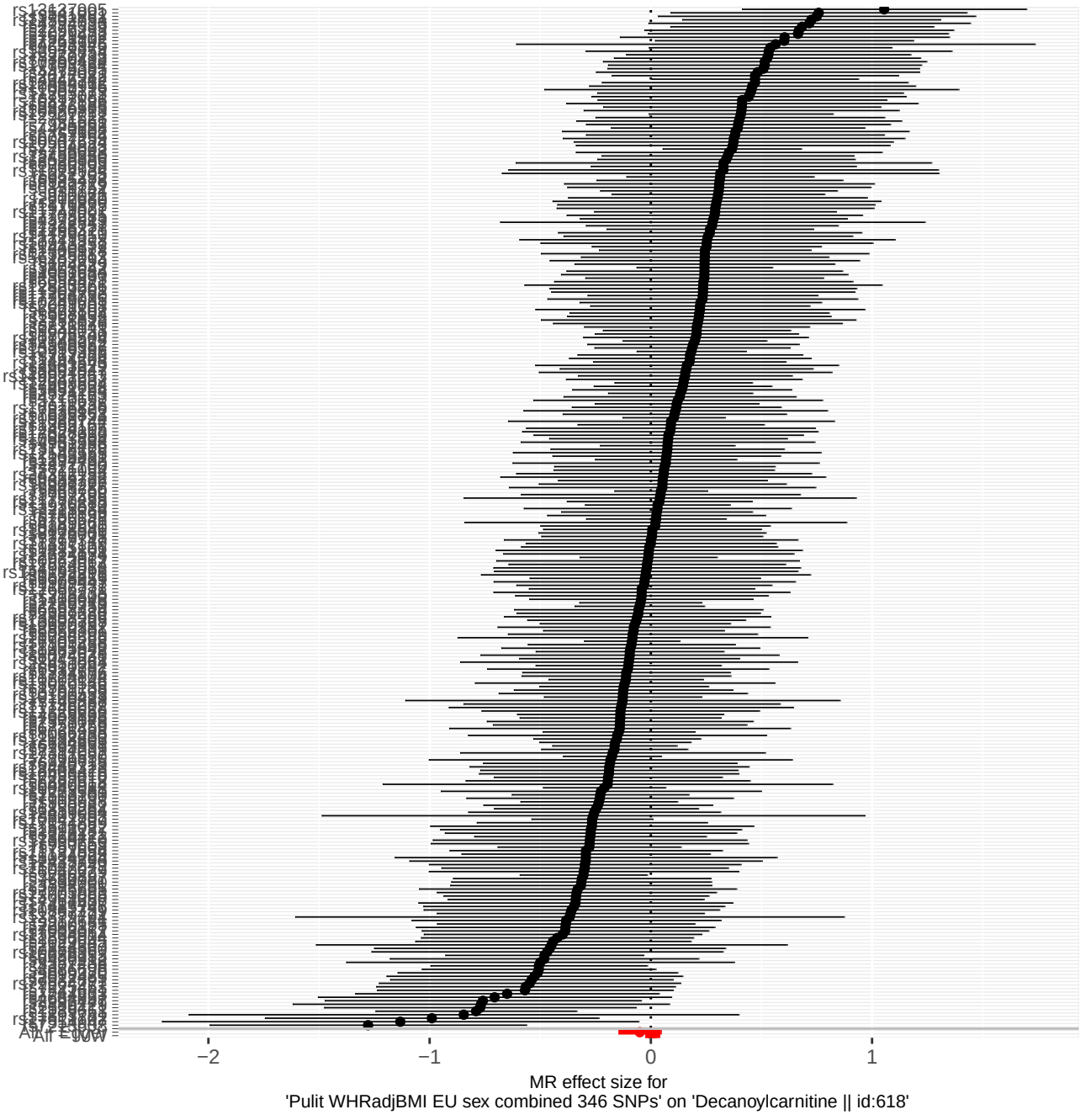
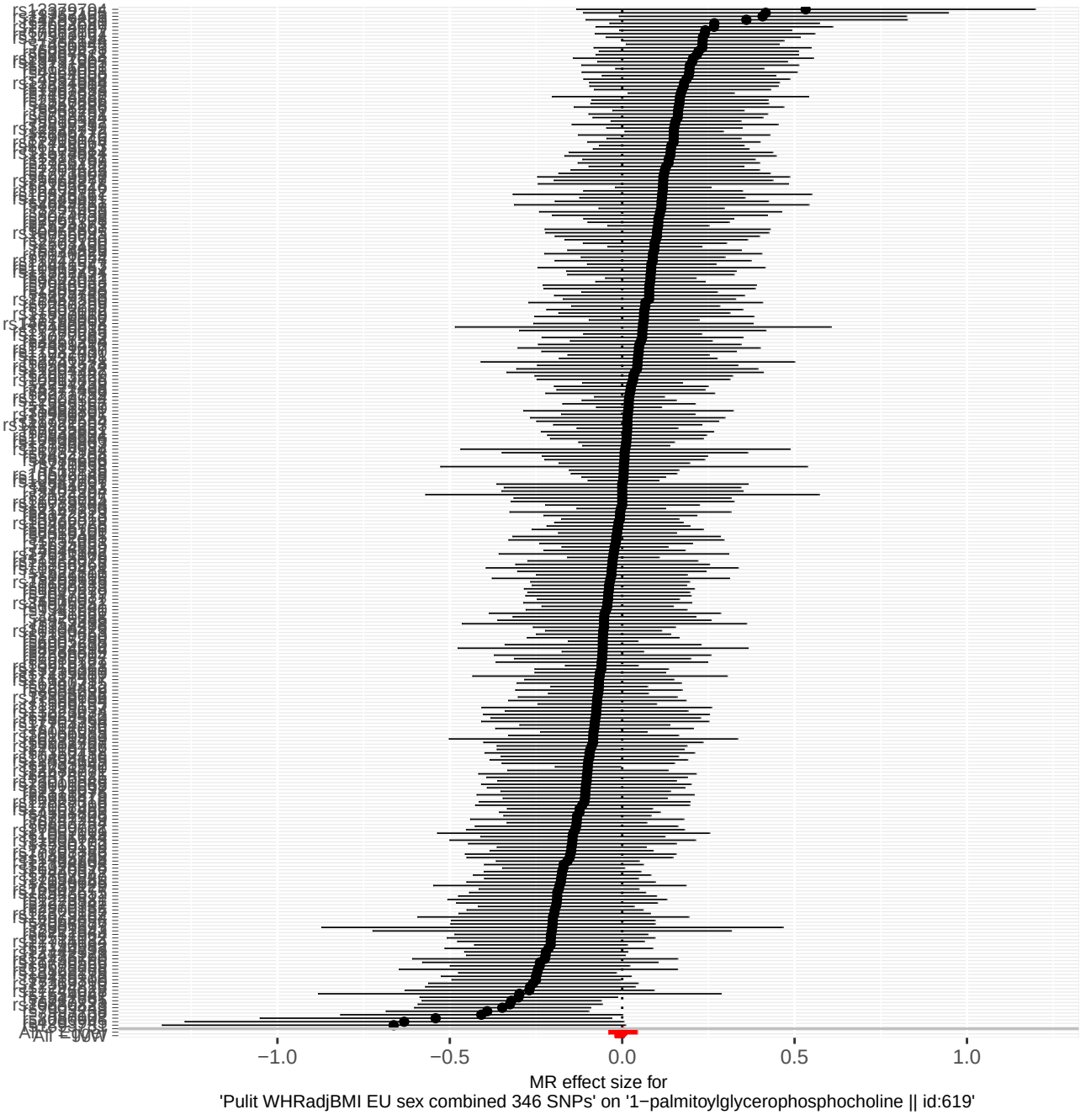
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12465 || id:614'

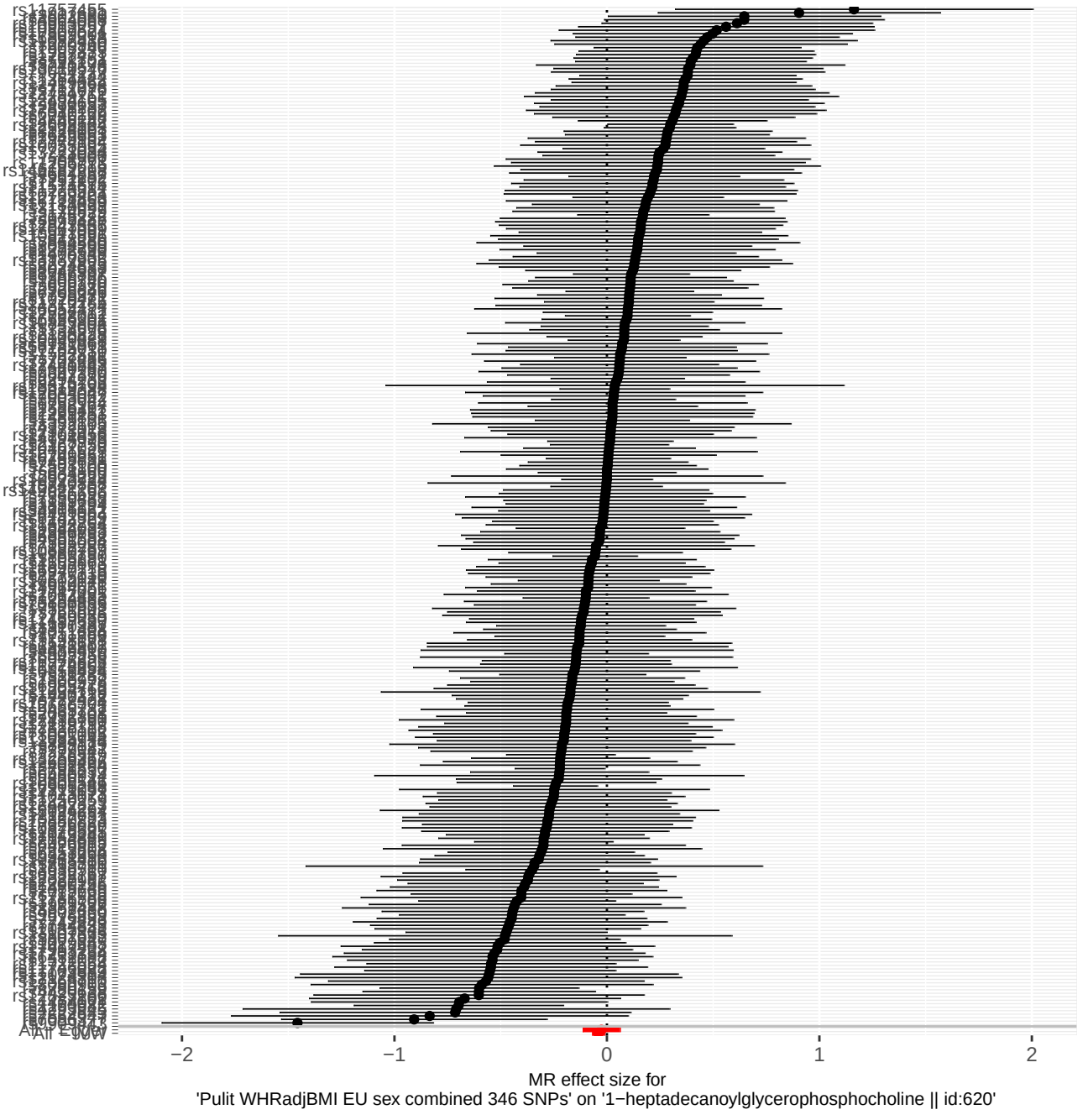

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Octanoylcarnitine || id:615'

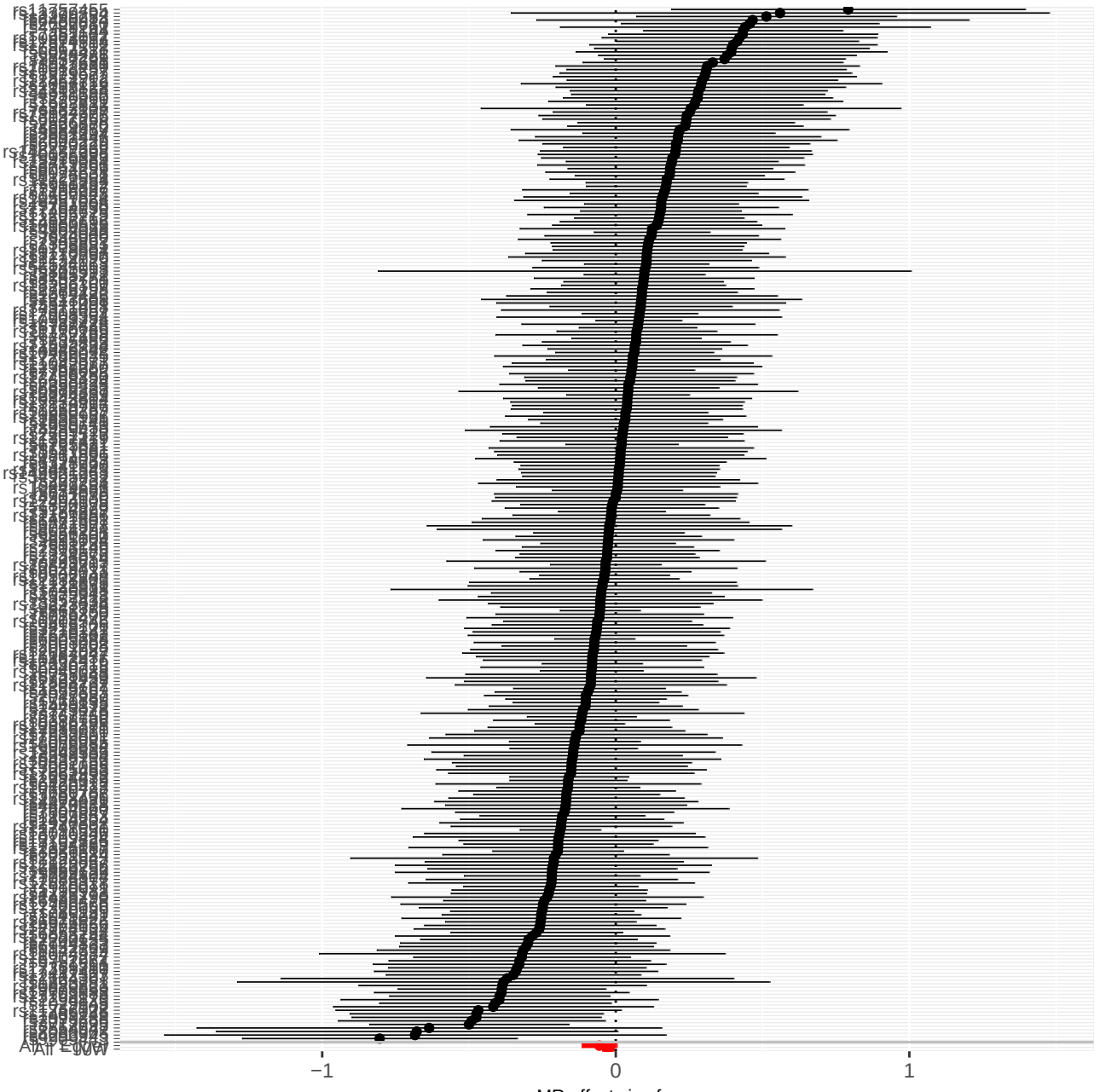

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Alpha−hydroxyisovalerate || id:616'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'N−acetylthreonine || id:617'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Decanoylcarnitine || id:618'


−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−palmitoylglycerophosphocholine || id:619'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−heptadecanoylglycerophosphocholine || id:620'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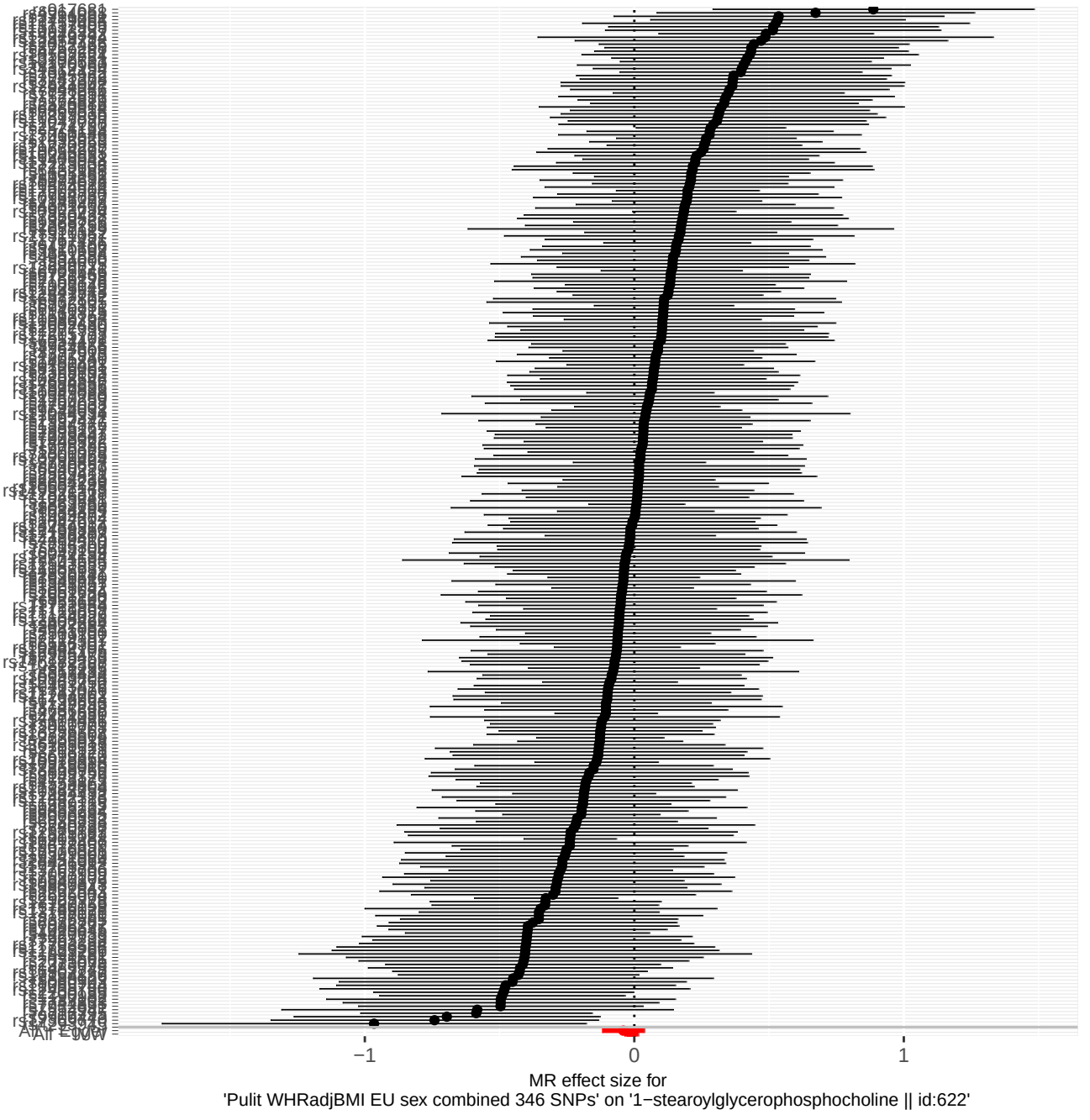
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−oleoylglycerophosphocholine || id:621'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0
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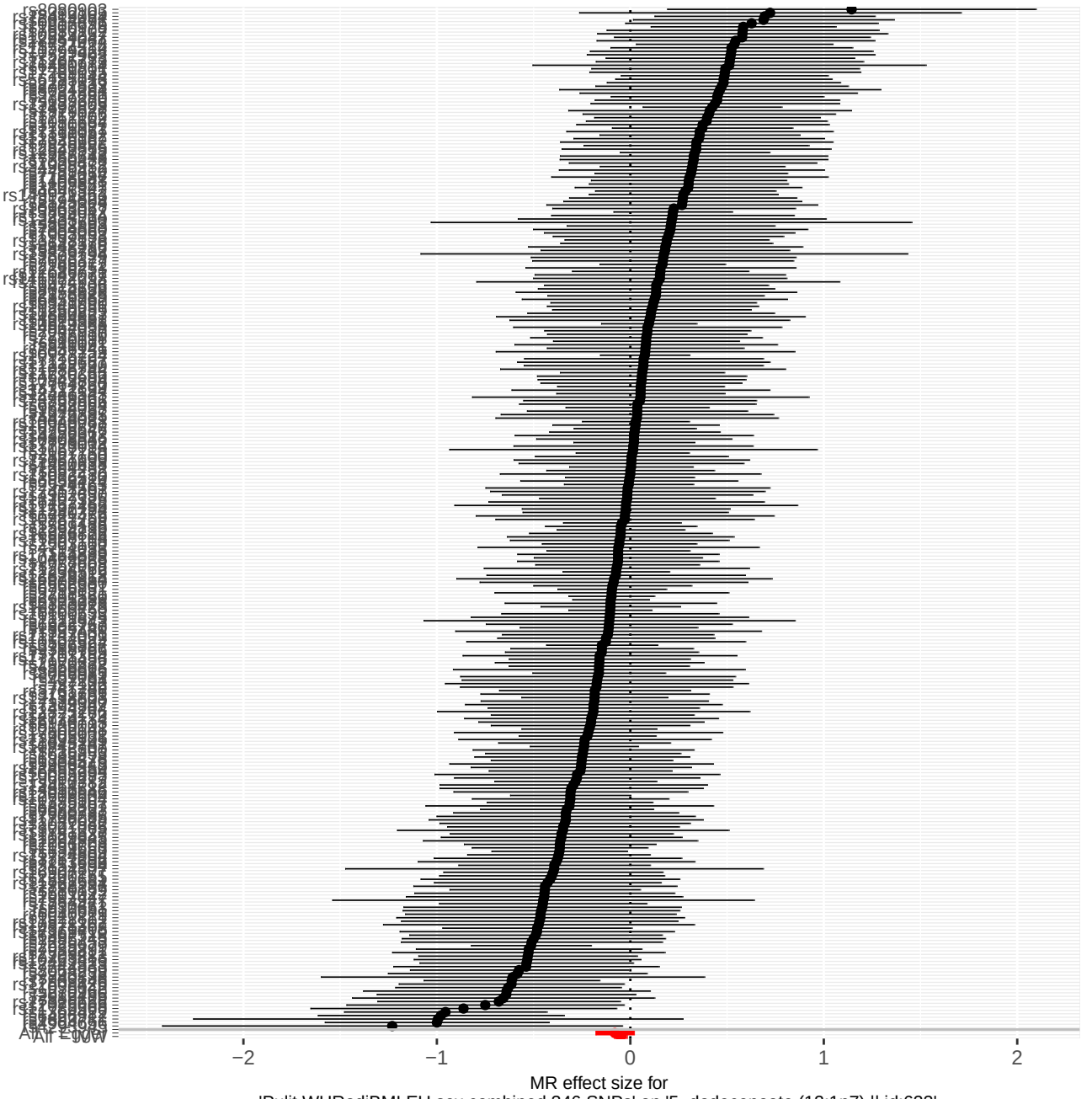
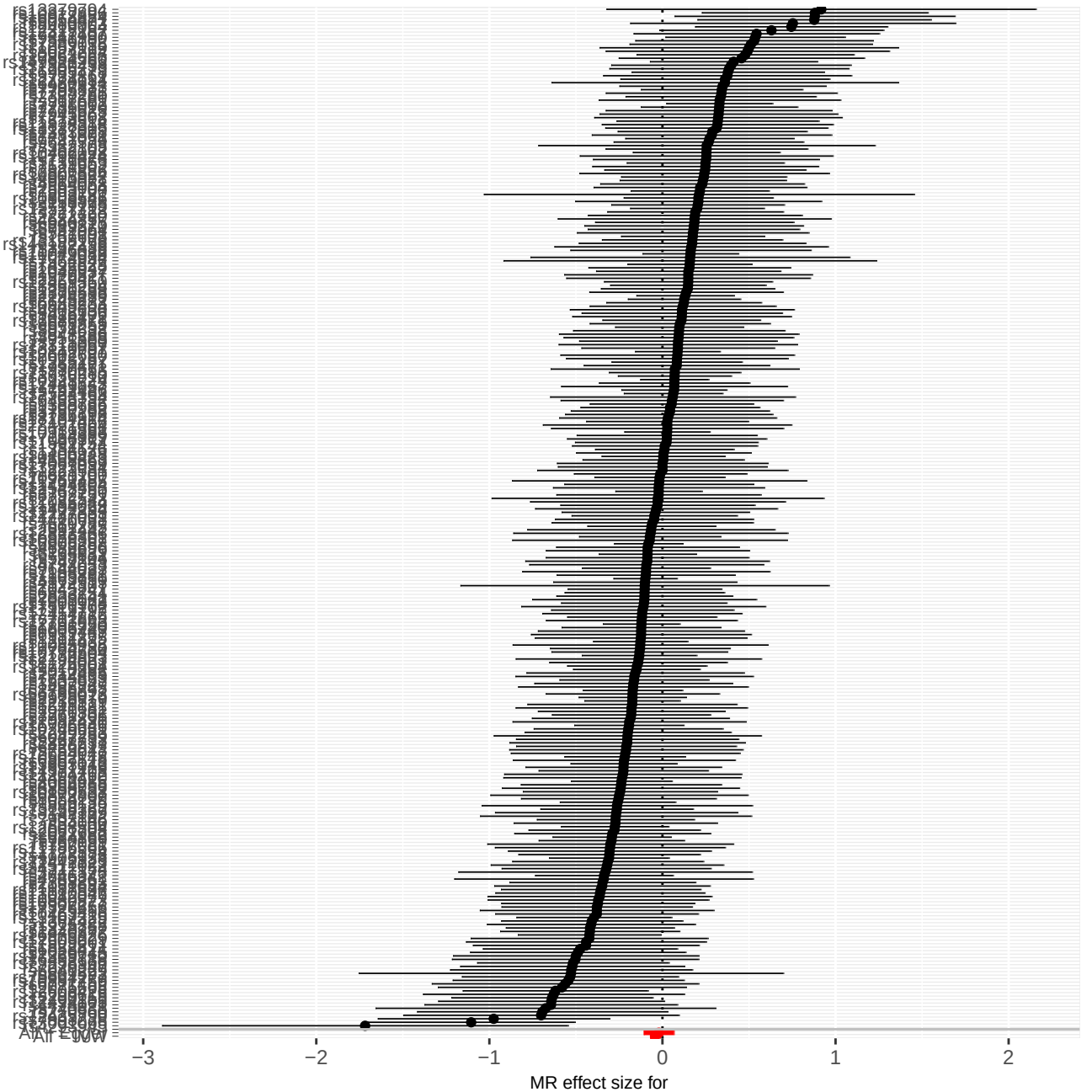
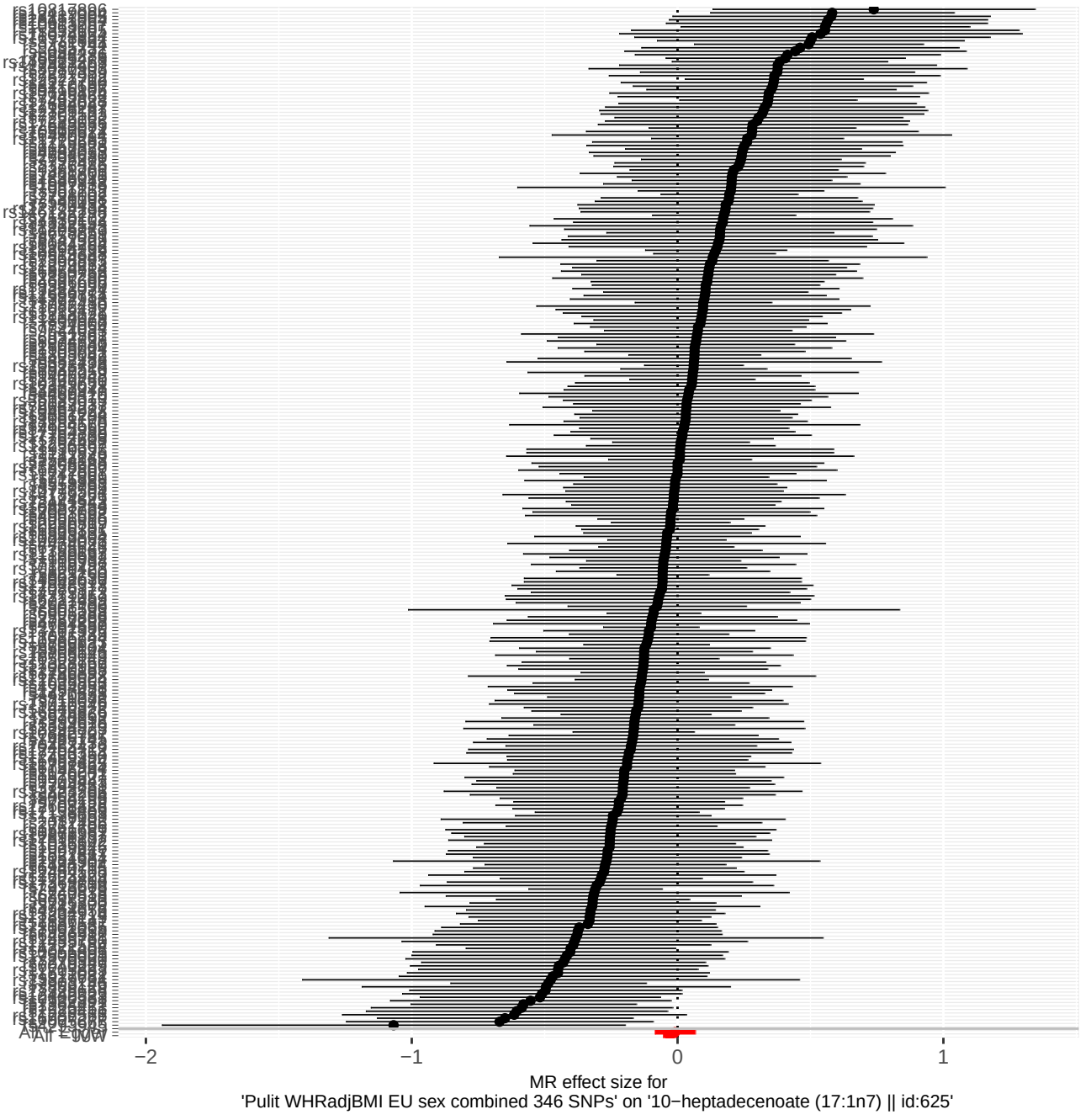
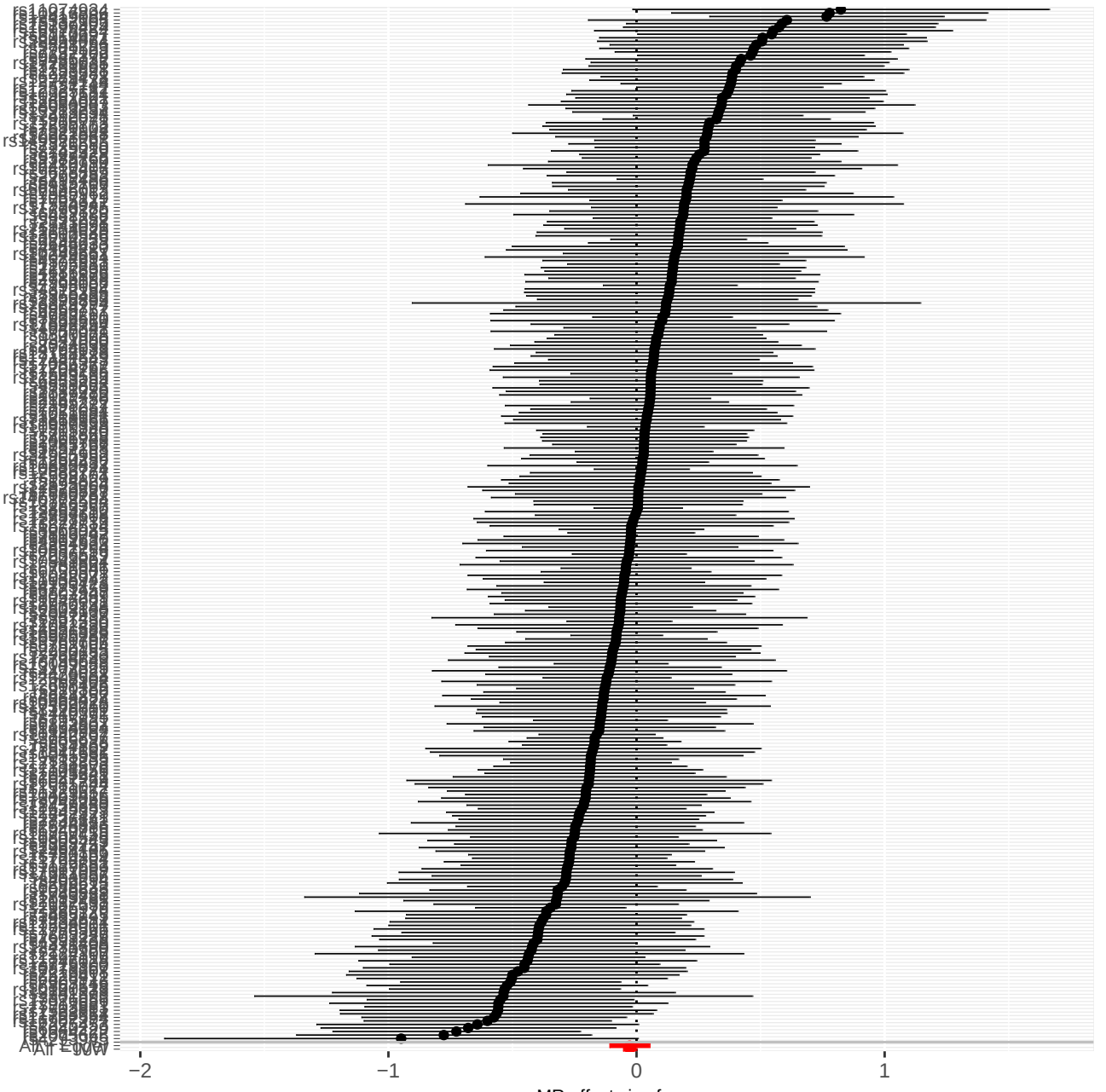
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−stearoylglycerophosphocholine || id:622'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '5−dodecenoate (12:1n7) || id:623'


−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Stearidonate (18:4n3) || id:624'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '10−heptadecenoate (17:1n7) || id:625'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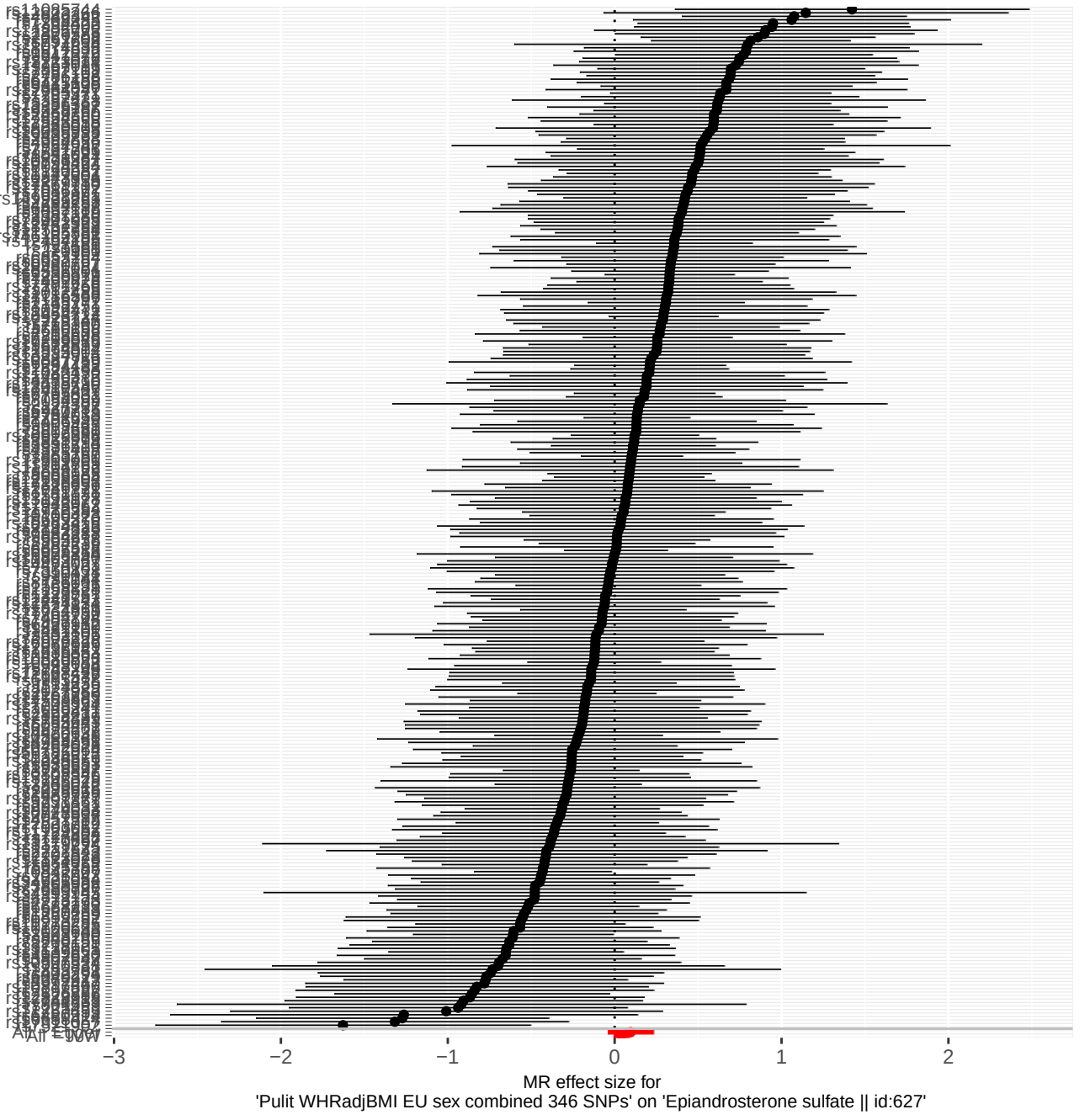
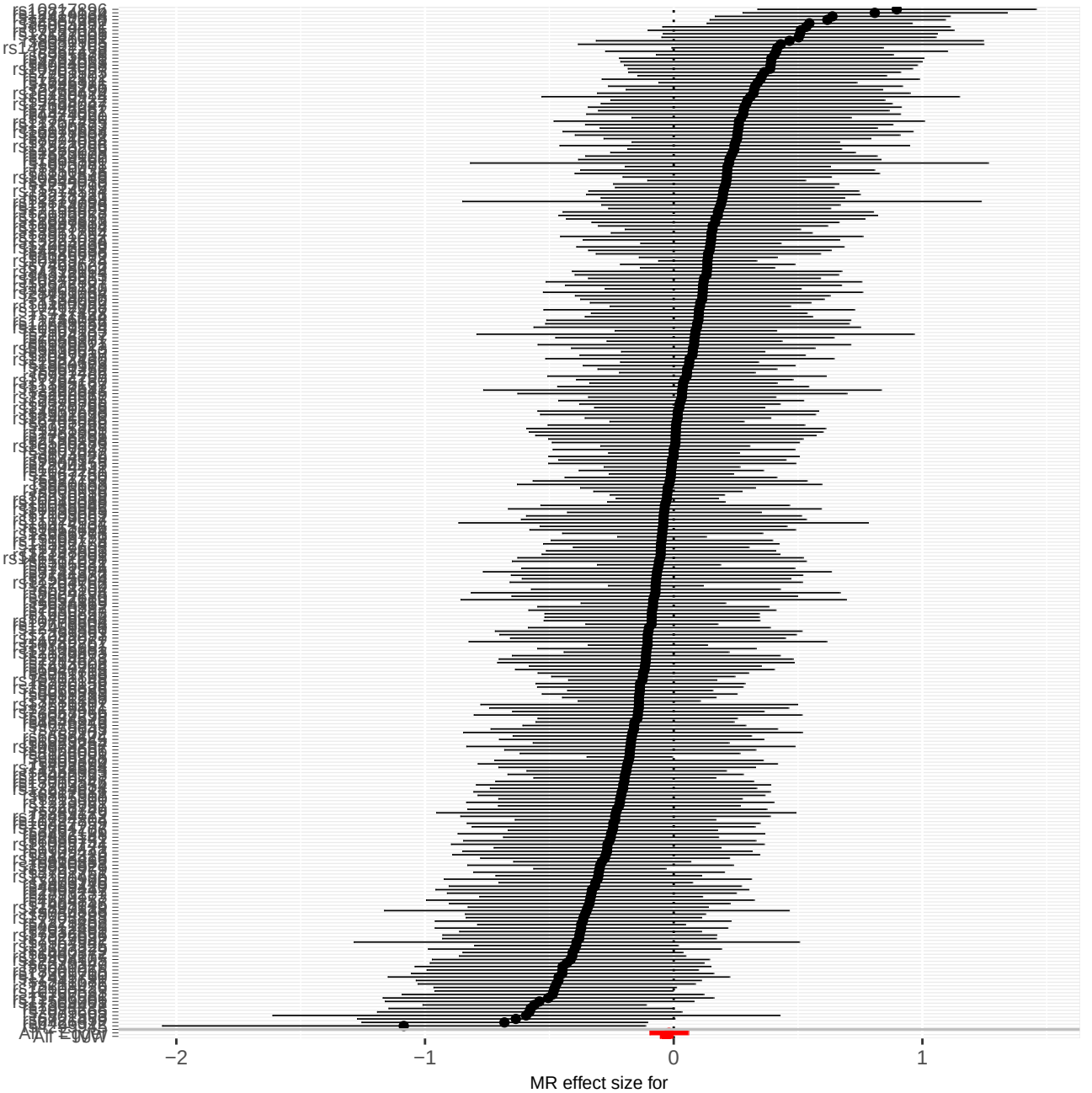
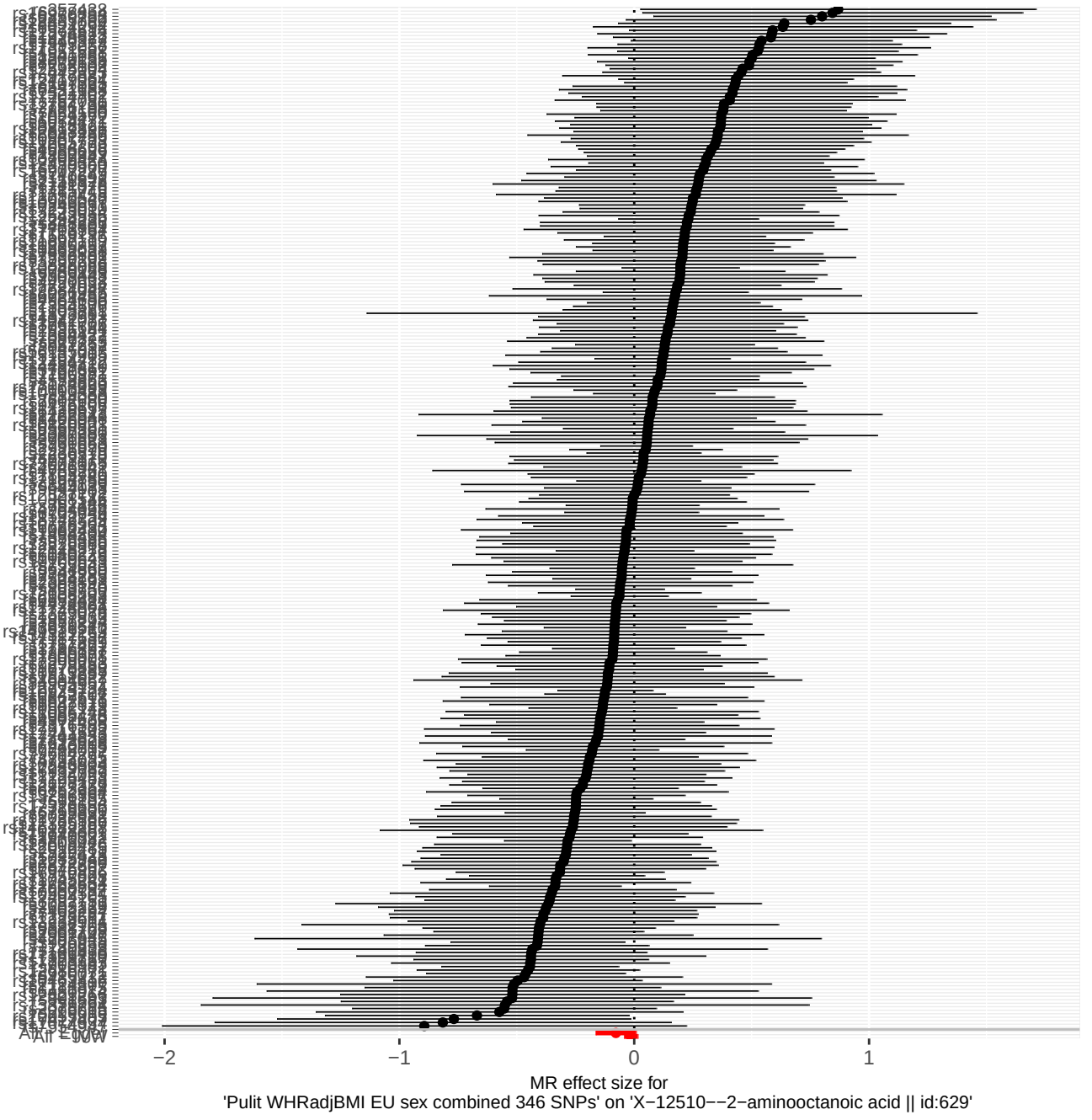
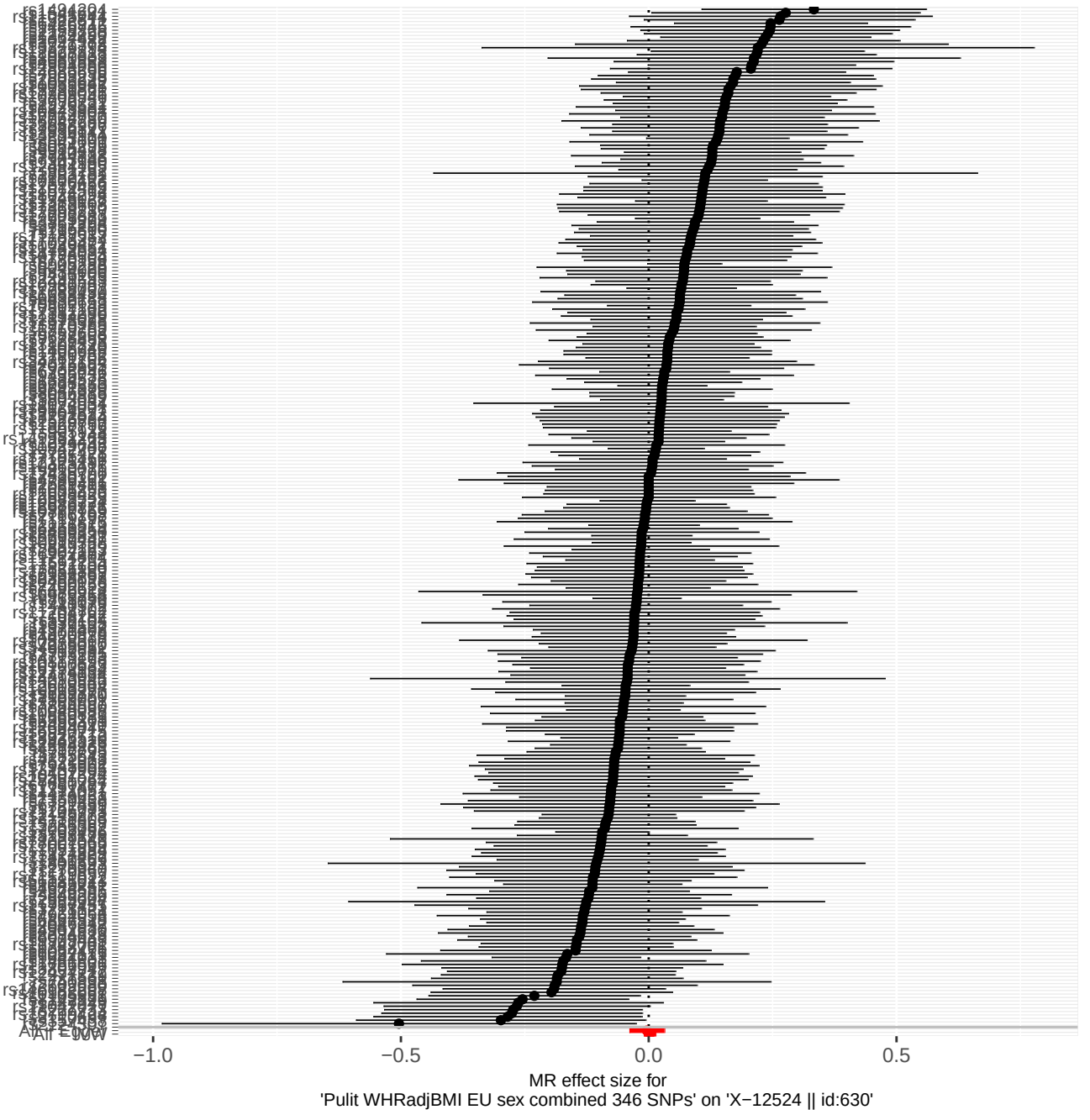
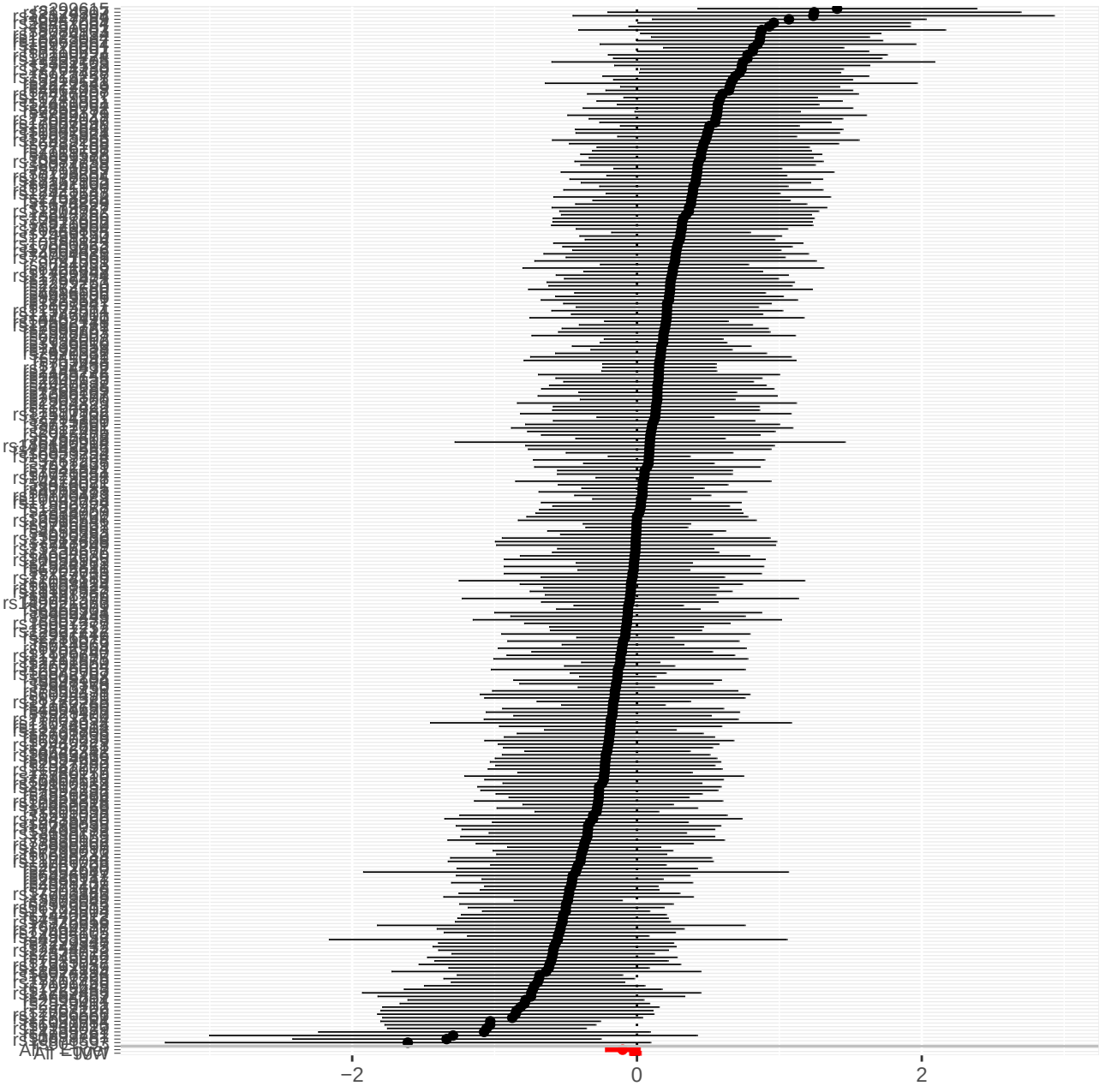
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '10−nonadecenoate (19:1n9) || id:626'

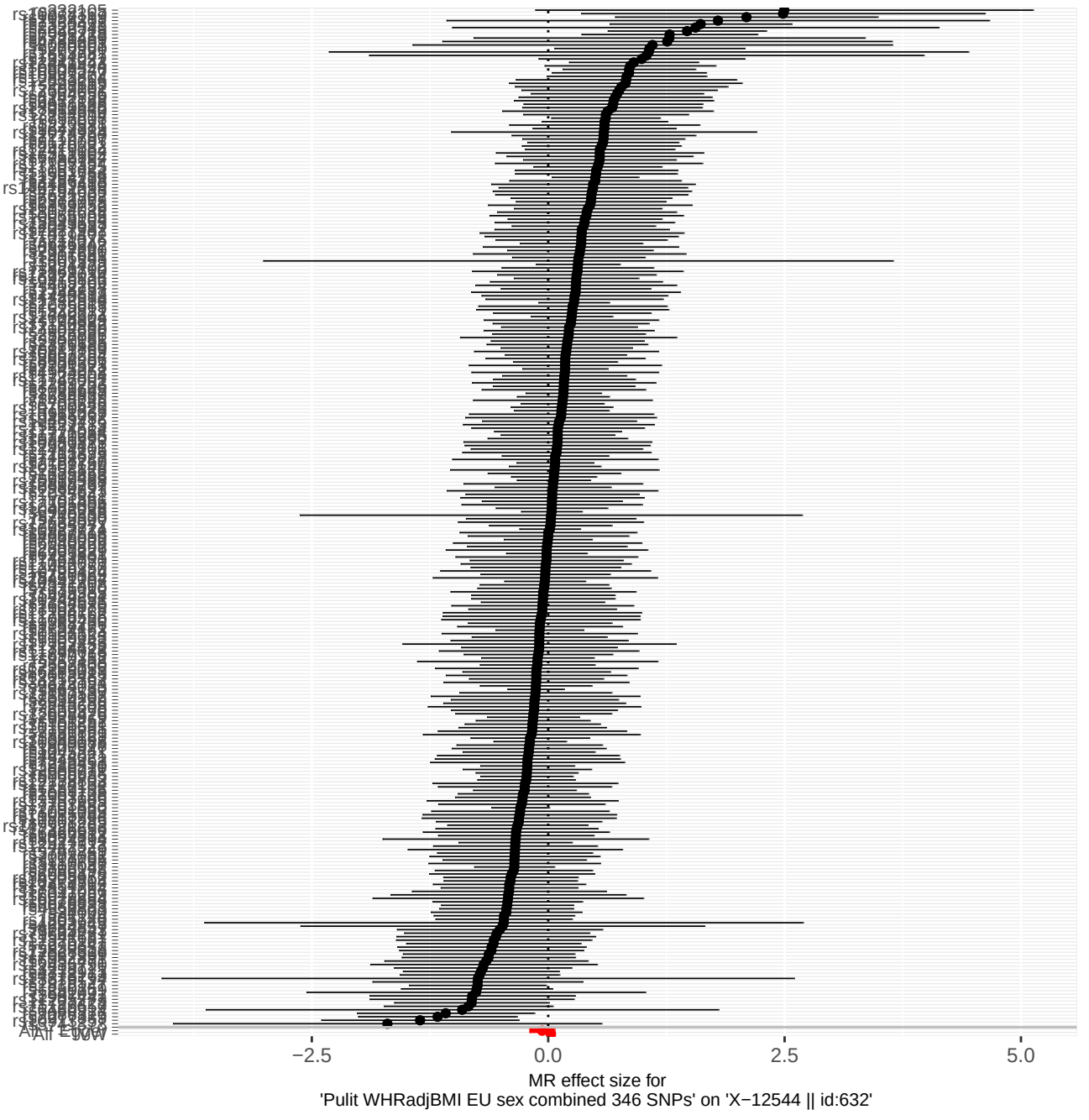

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Epiandrosterone sulfate || id:627'

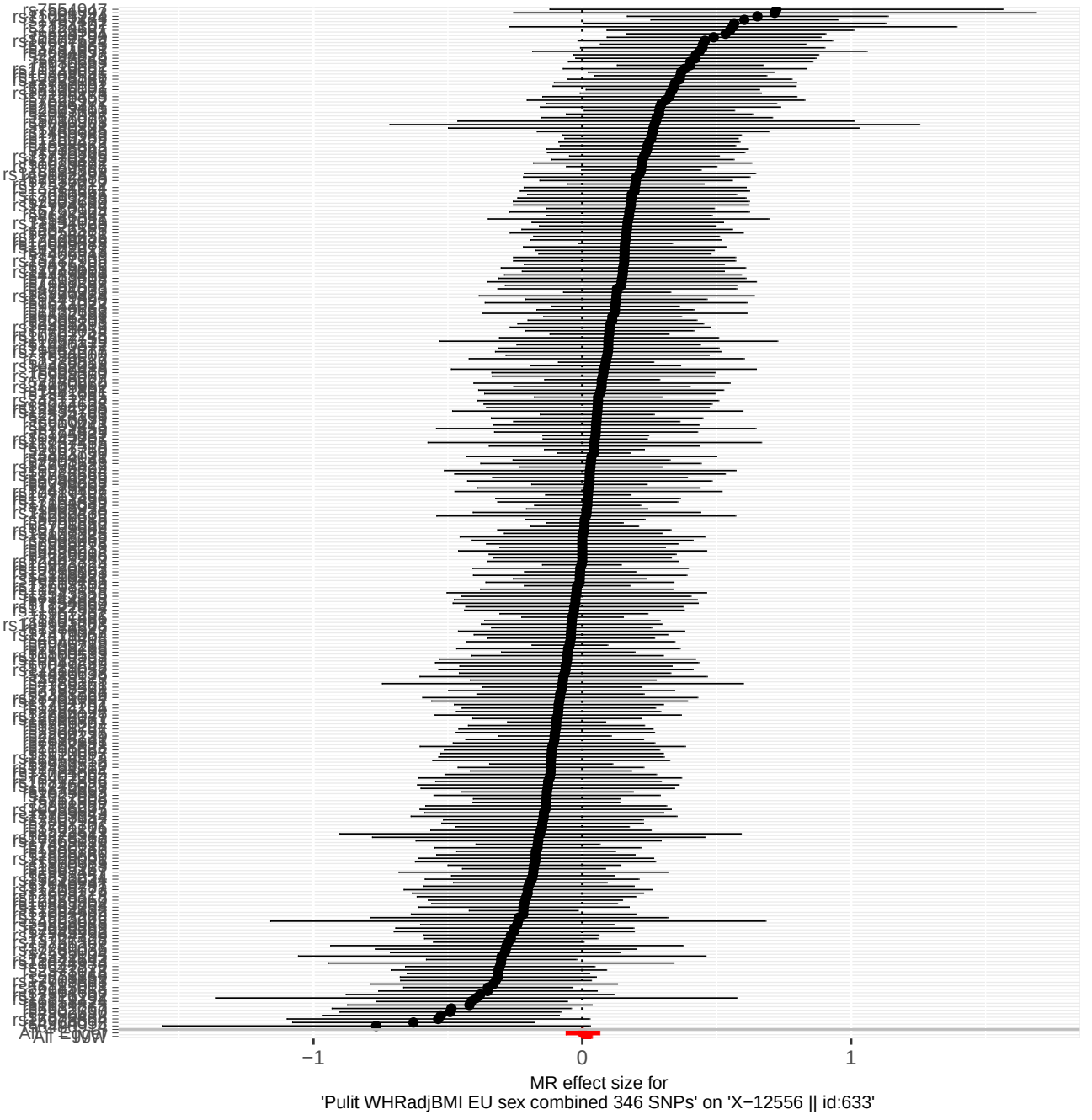

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Linolenate [alpha or gamma; (18:3n3 or 6)] || id:628'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12510−−2−aminooctanoic acid || id:629'


−1.0
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12524 || id:630'


−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Bilirubin (E,Z or Z,E)* || id:631'


−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12544 || id:632'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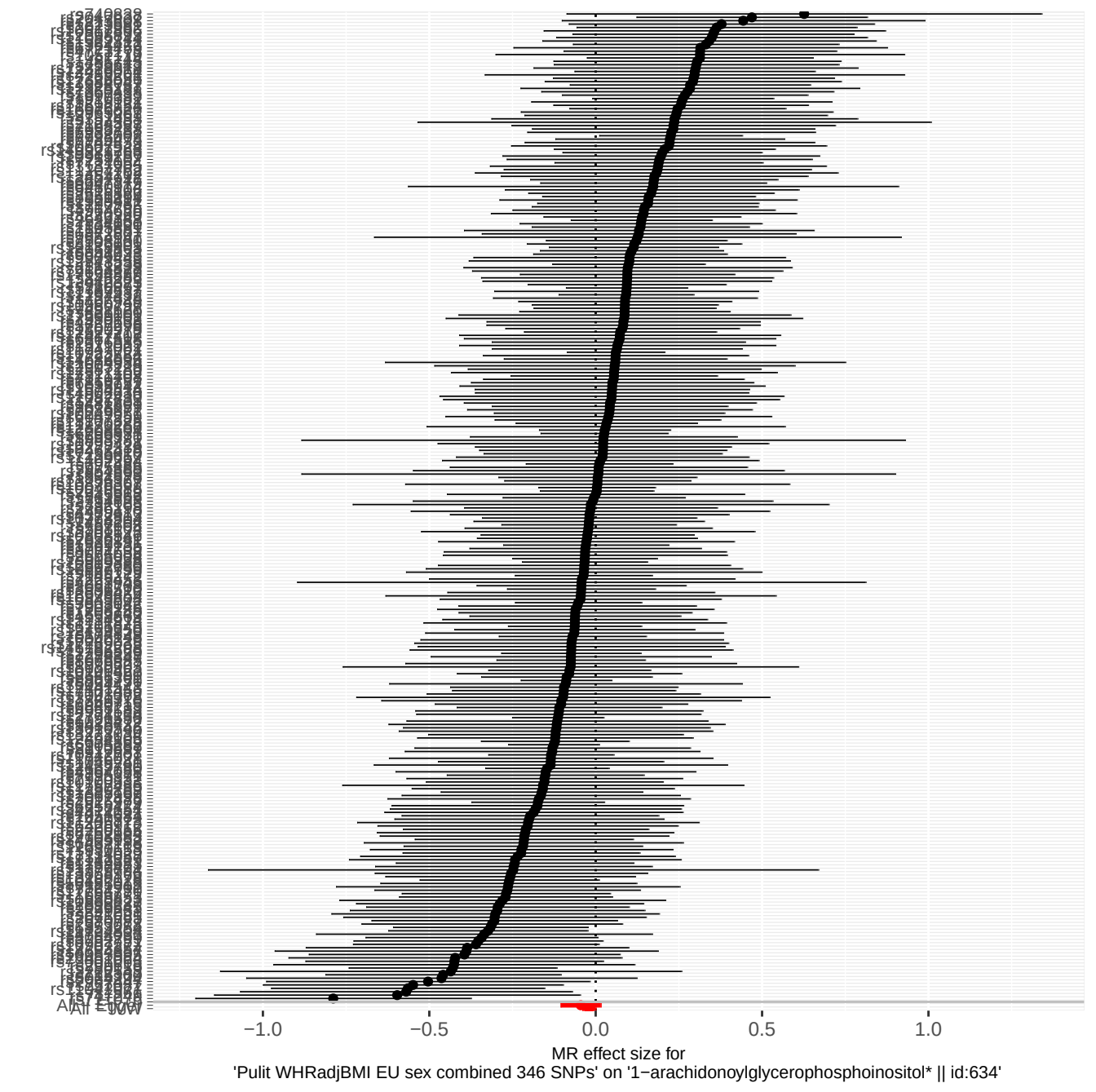
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12556 || id:633'


−1.0
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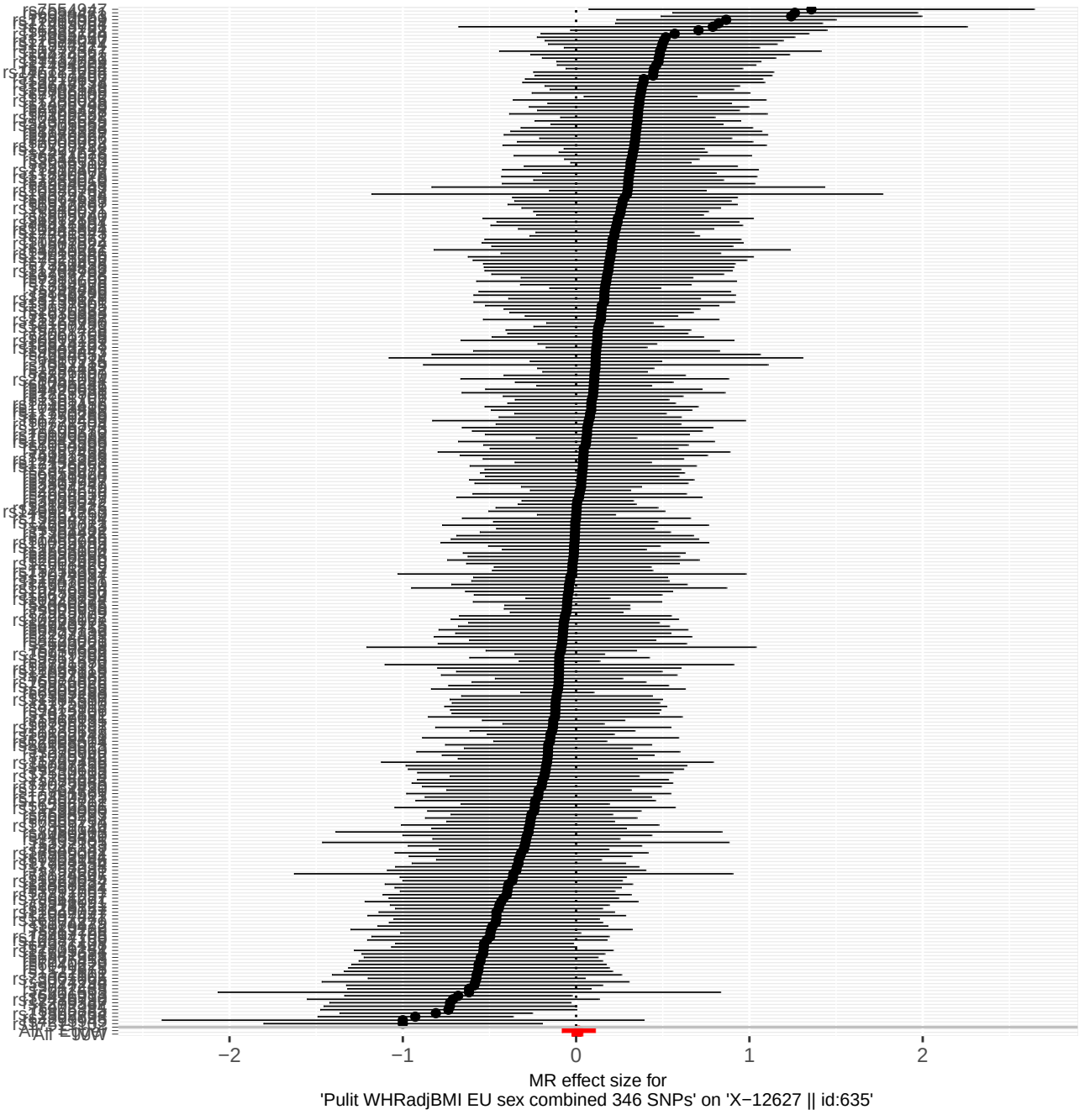
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−arachidonoylglycerophosphoinositol* || id:634'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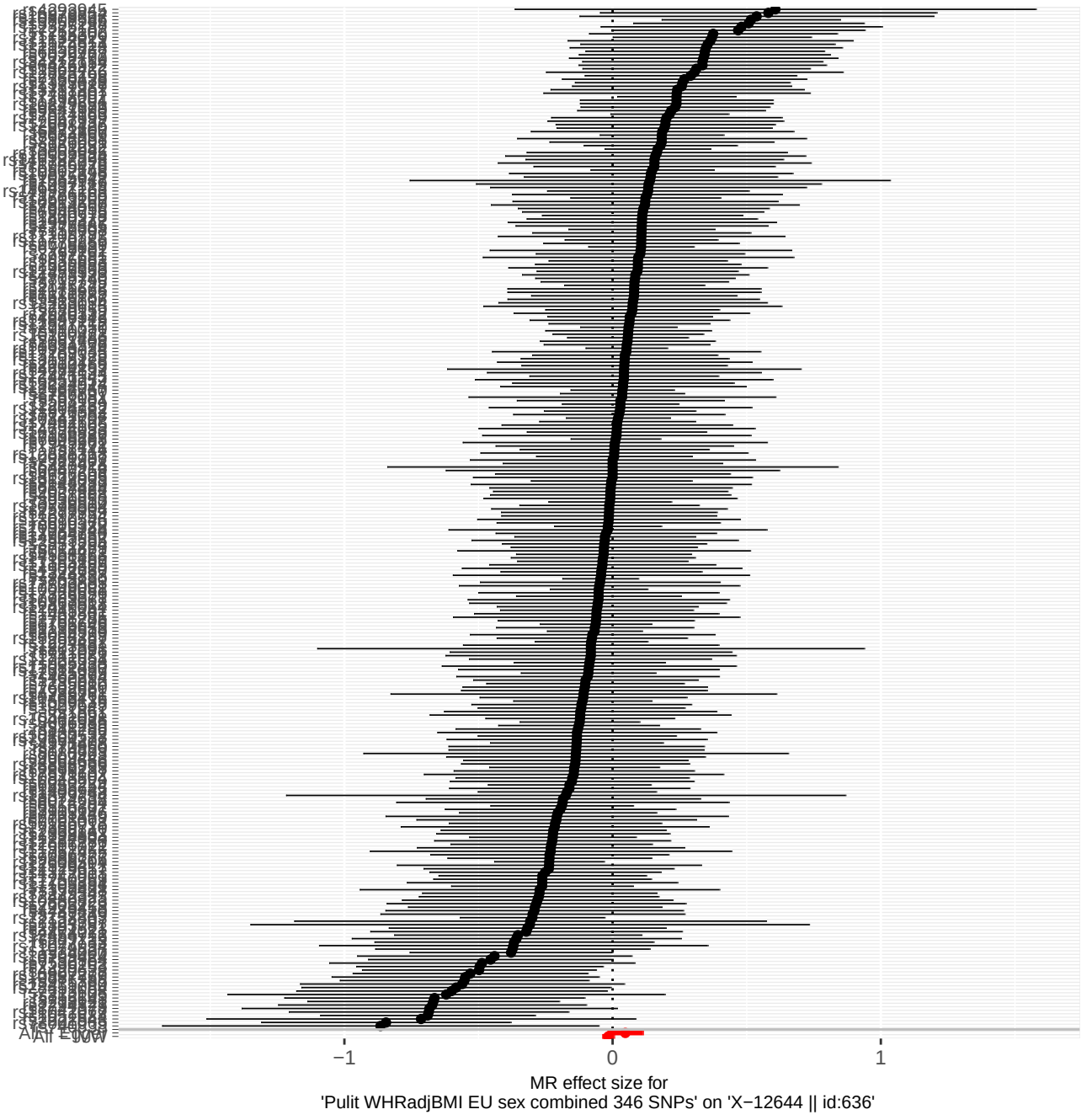
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12627 || id:635'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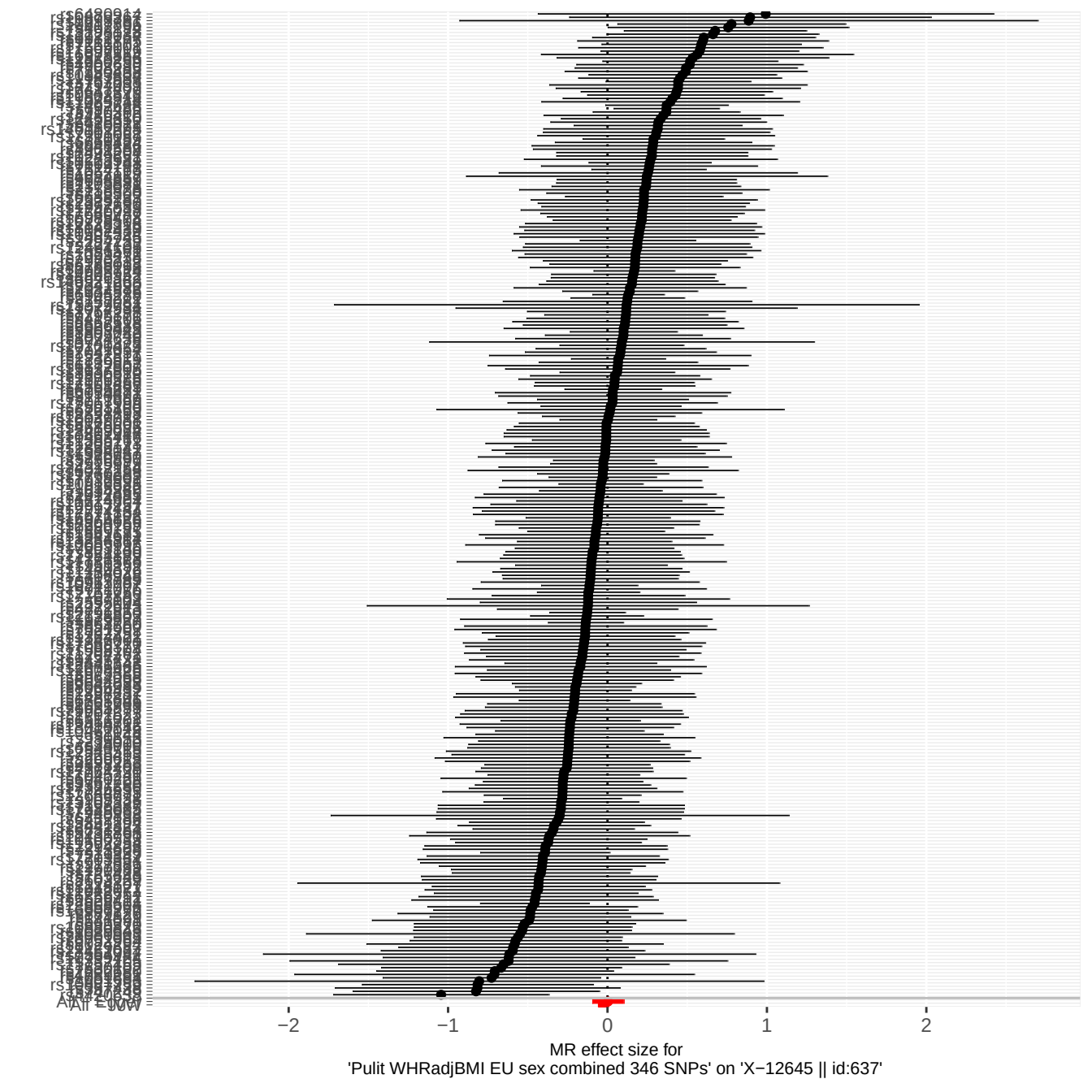
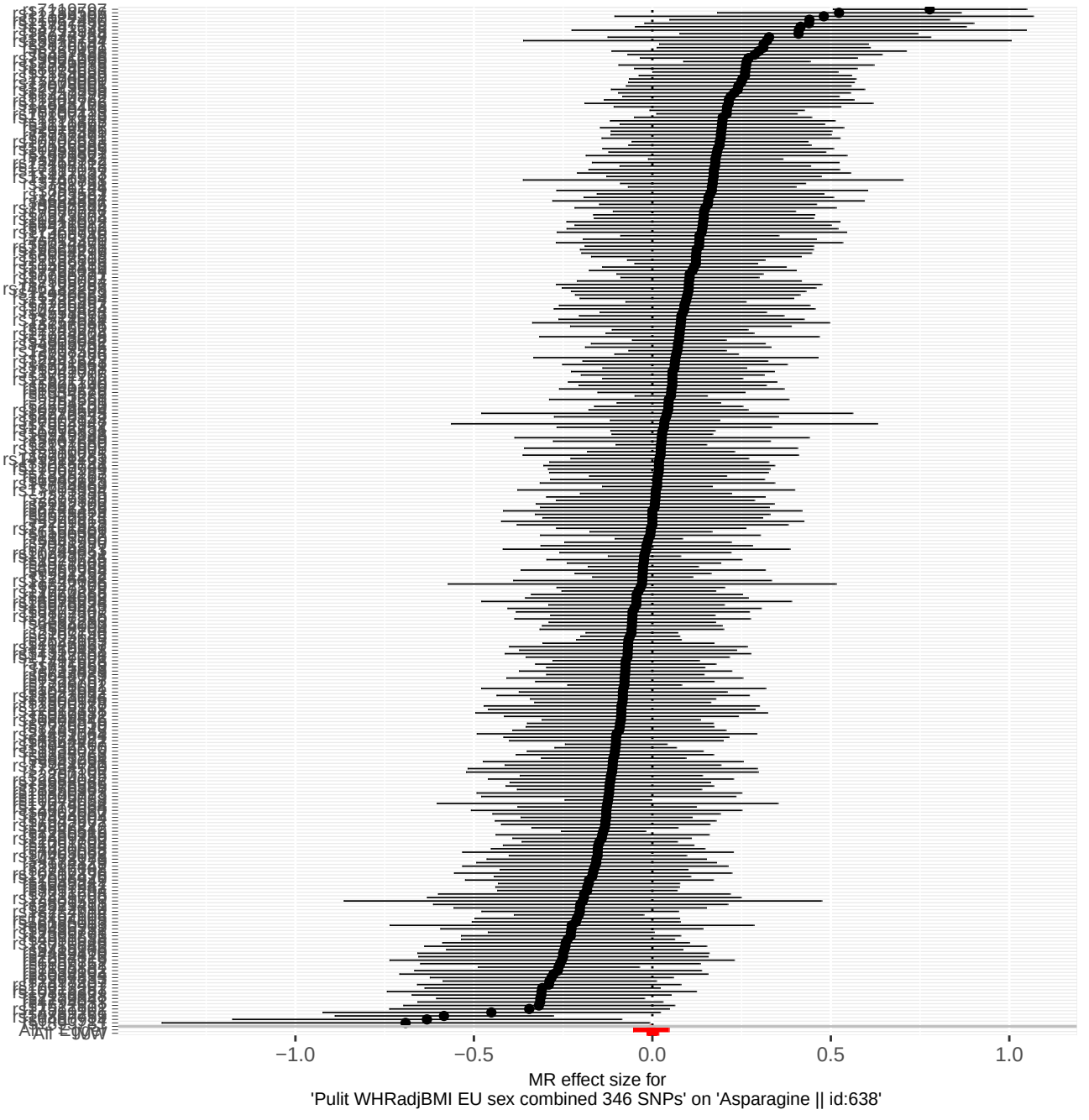
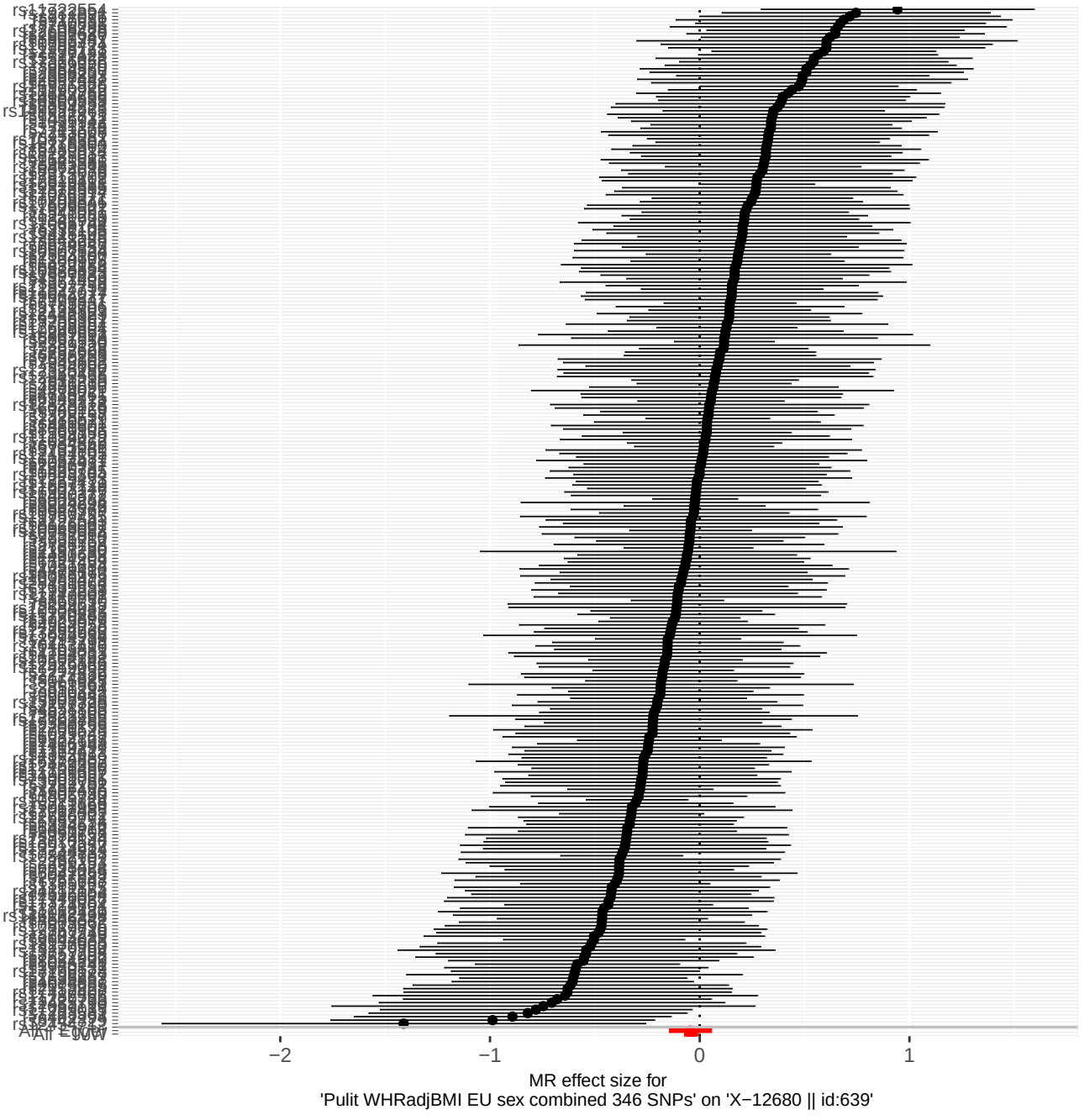
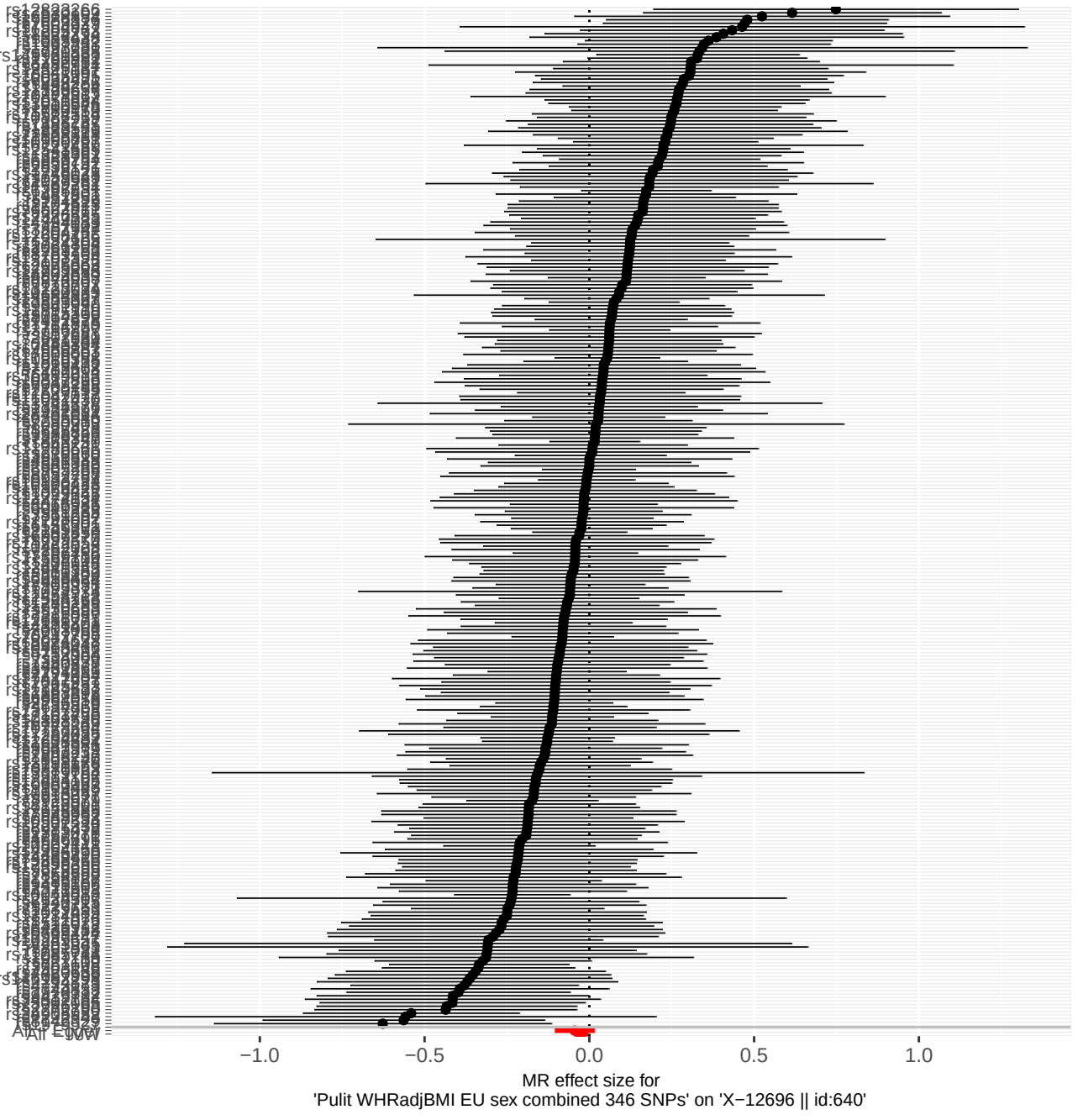
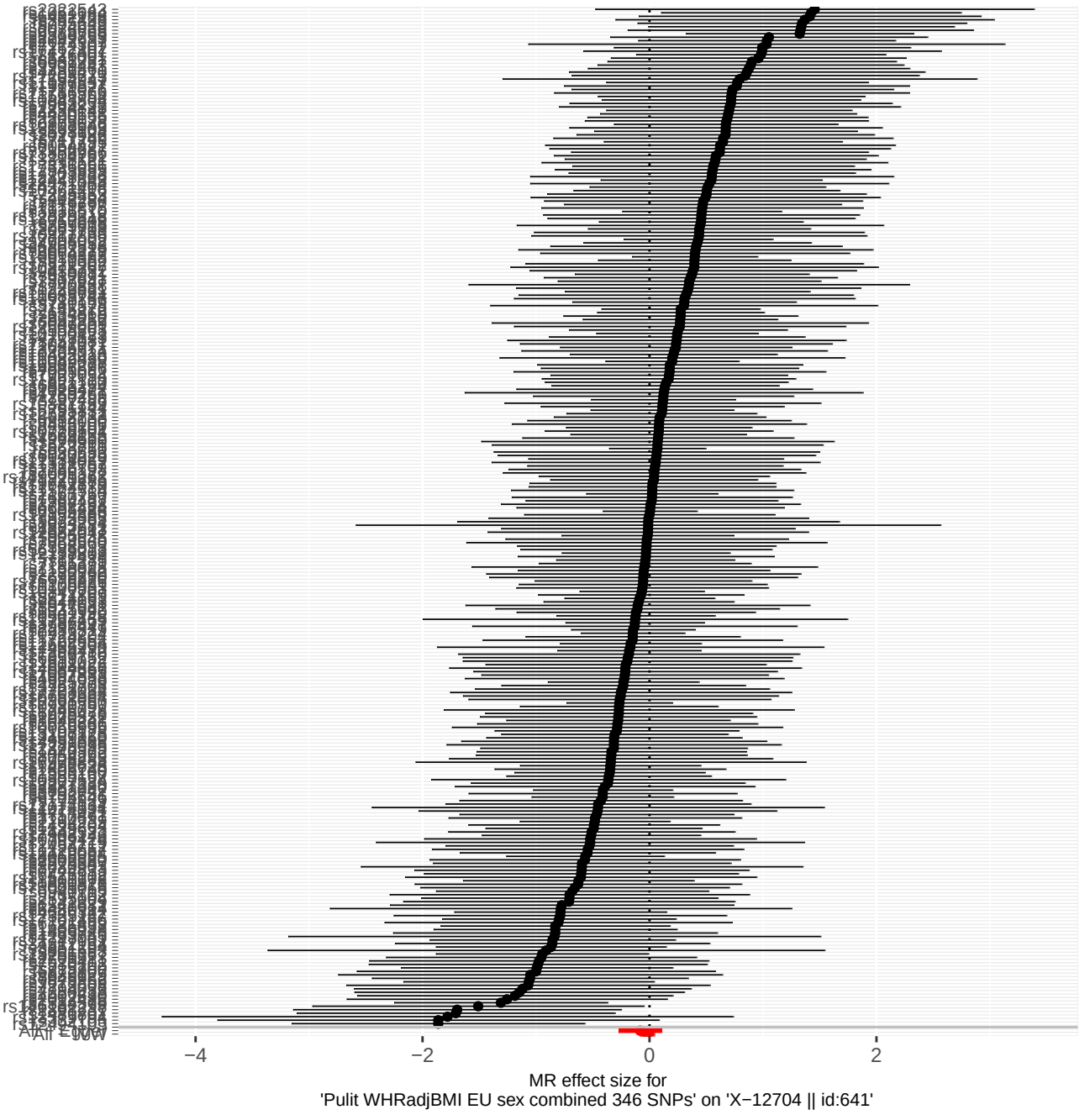
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12644 || id:636'

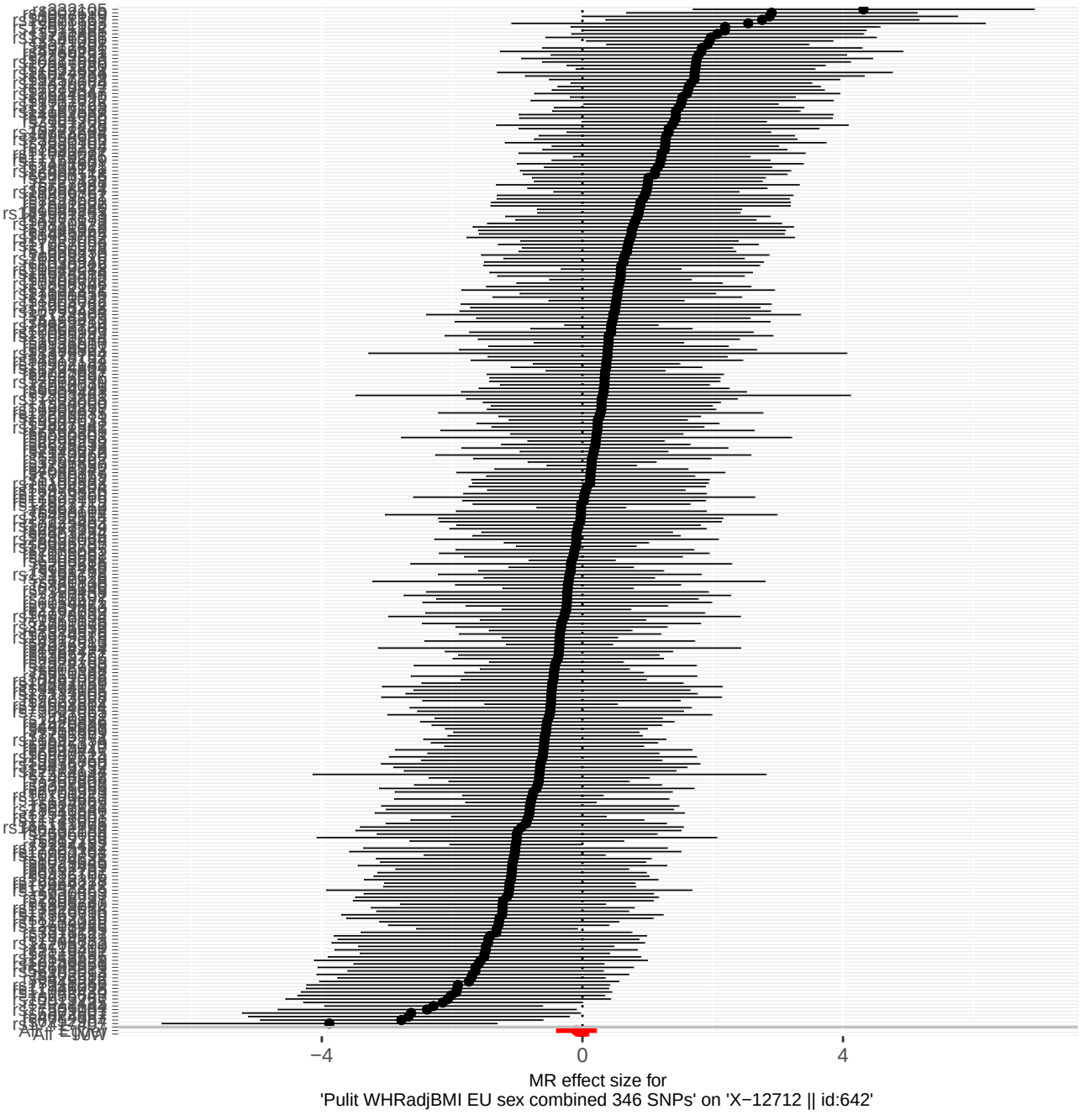

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12645 || id:637'

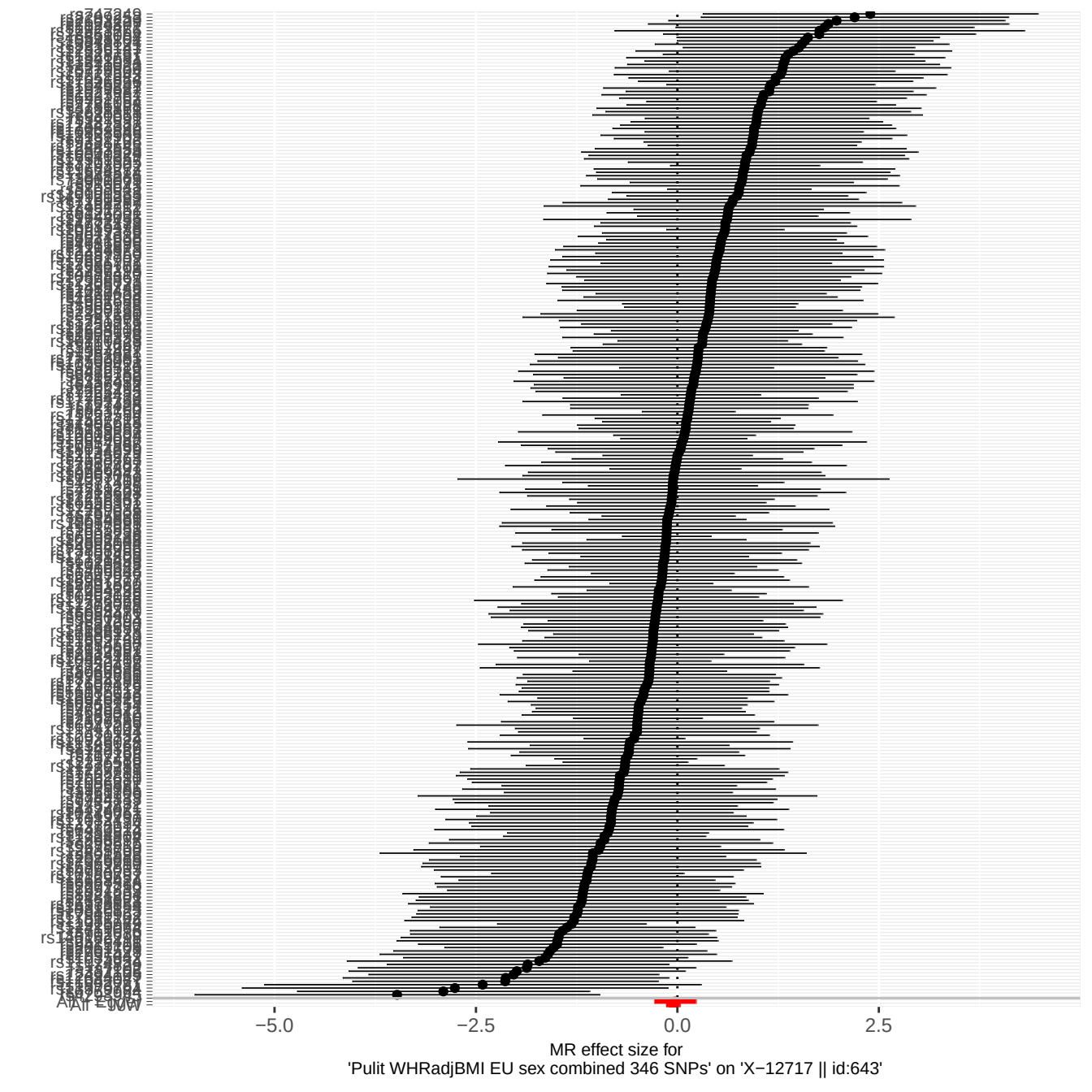

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Asparagine || id:638'

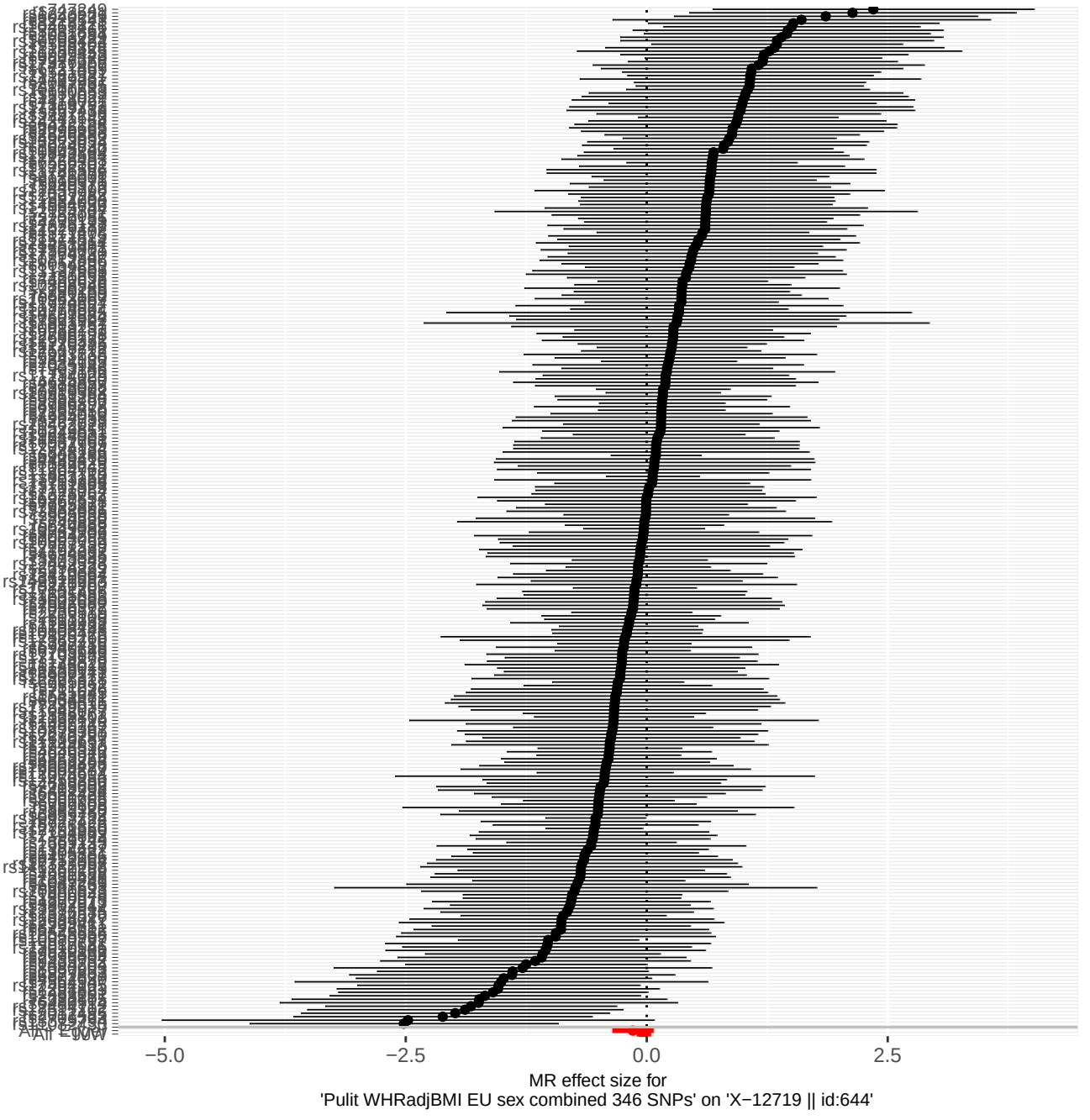

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12680 || id:639'

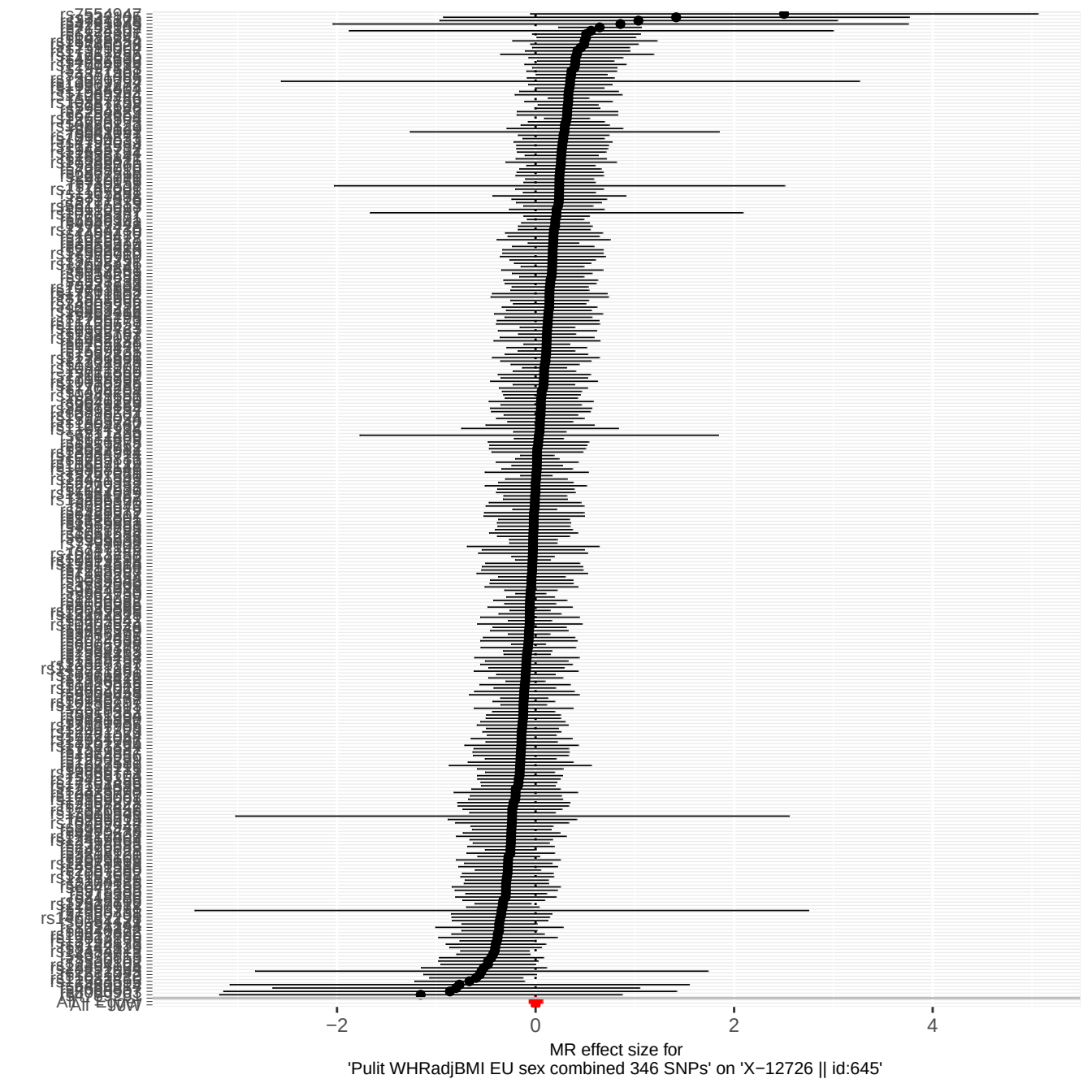

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12696 || id:640'

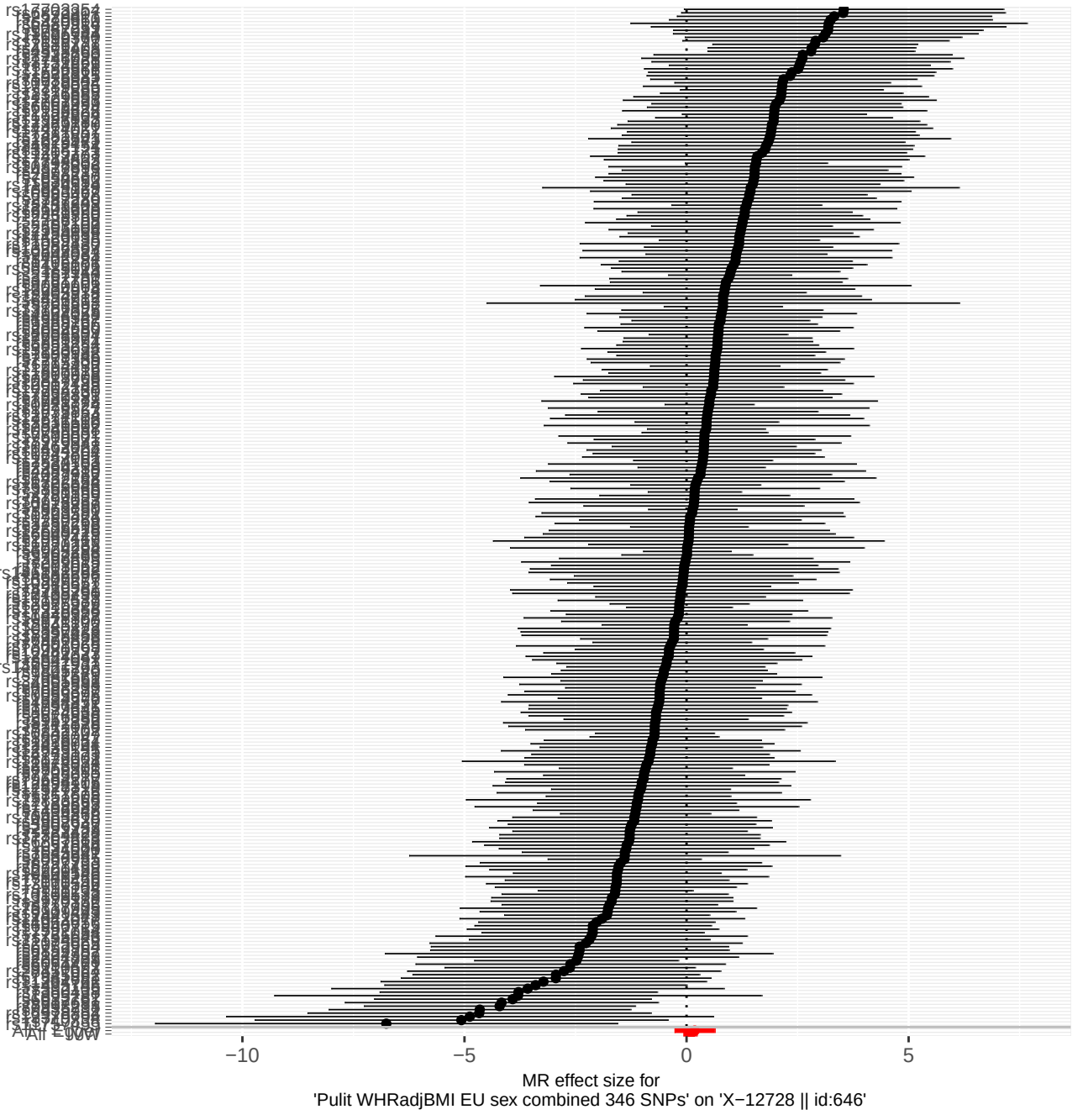

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12704 || id:641'

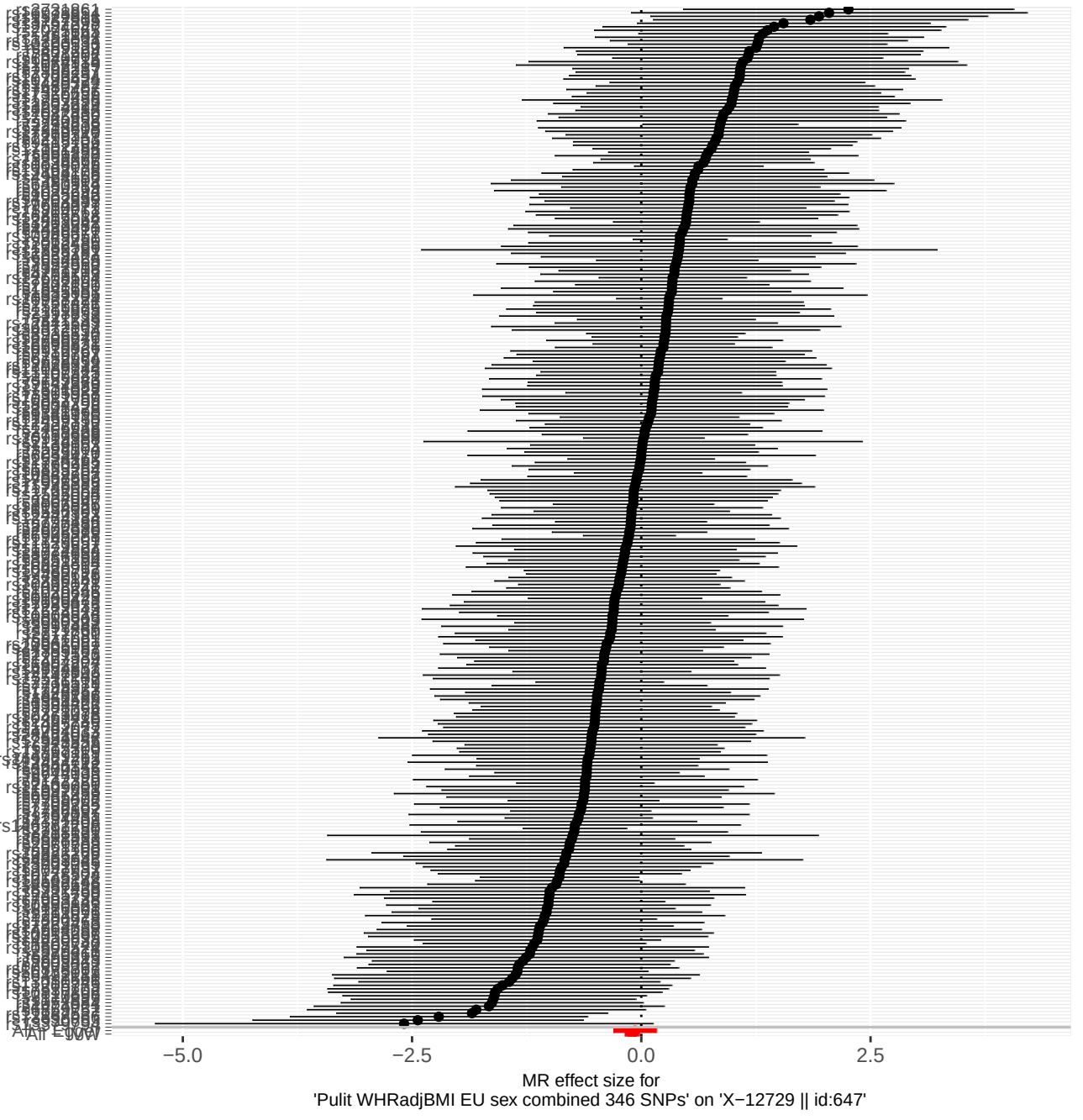

−4
0
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12712 || id:642'

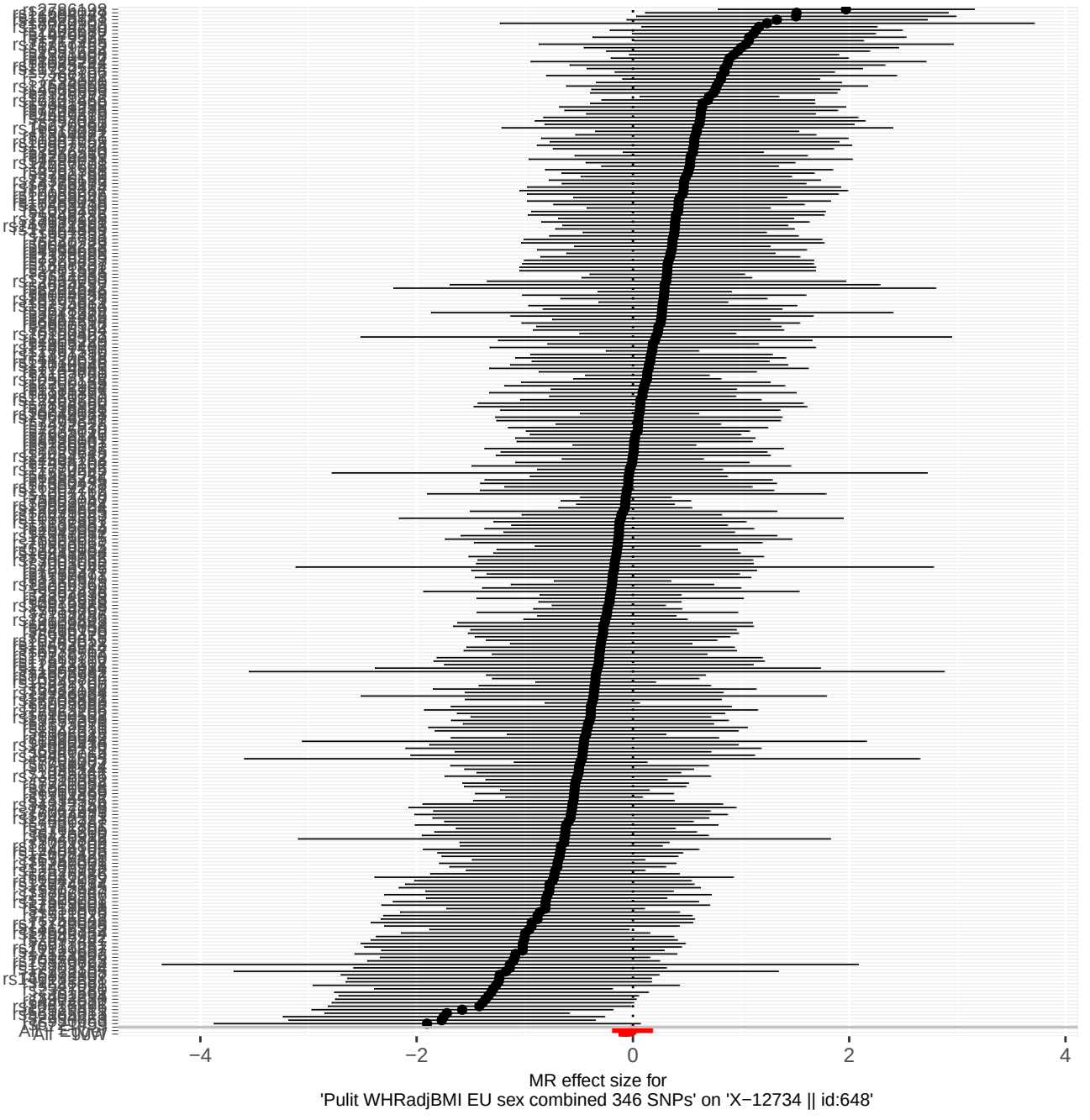

−5.0
−2.5
0.0
2.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12717 || id:643'

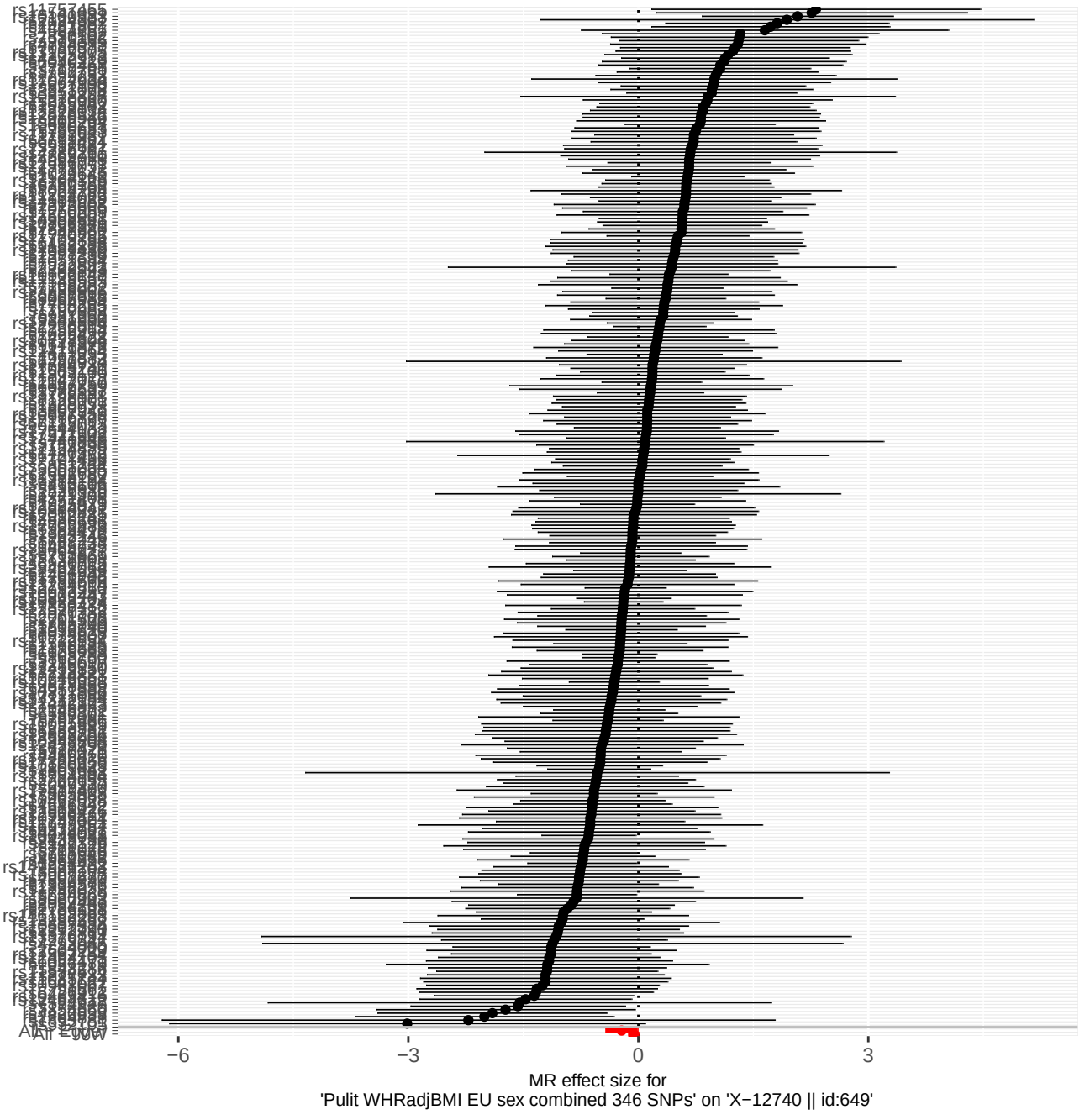

−5.0
−2.5
0.0
2.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12719 || id:644'

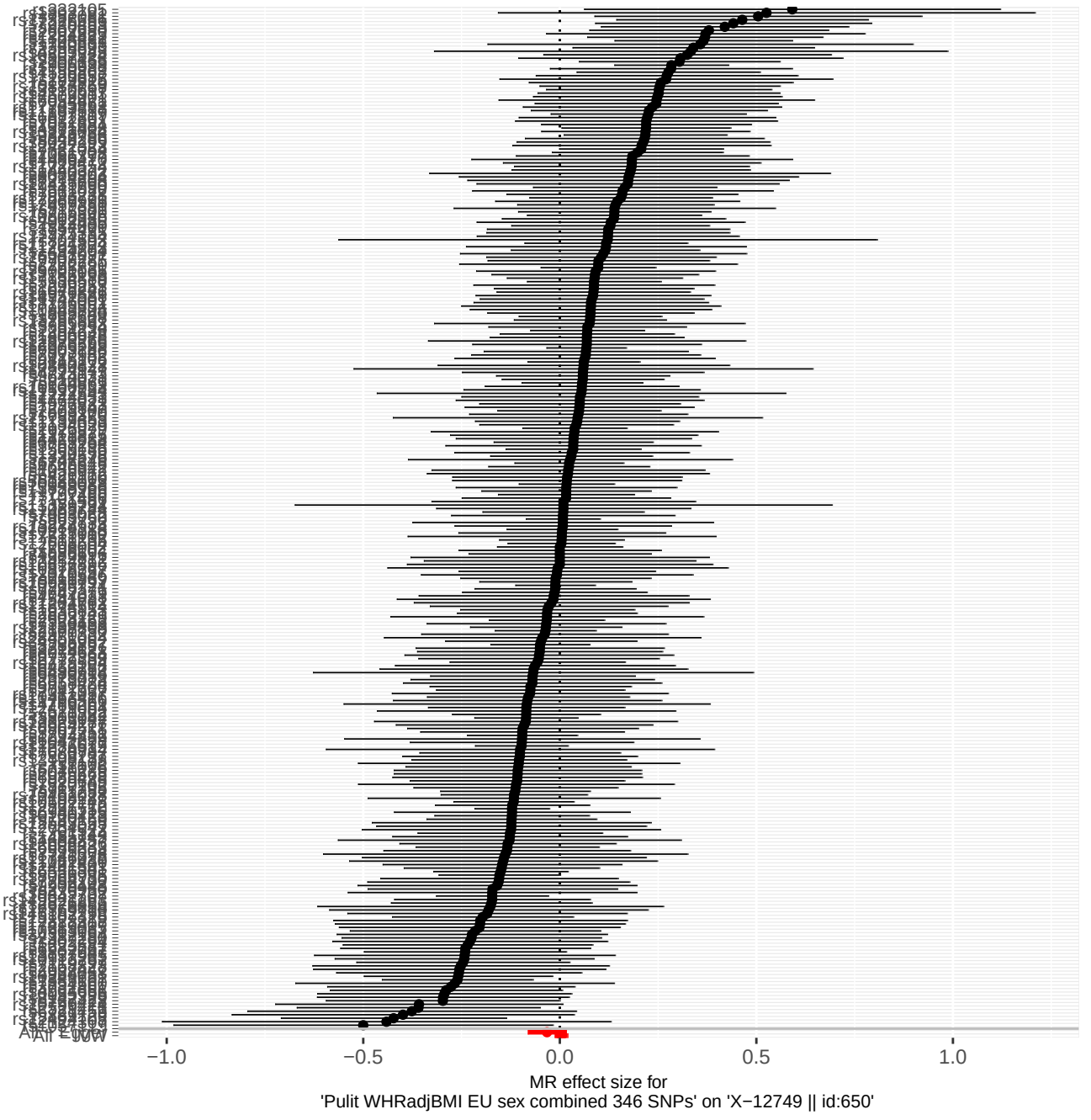

All − IVW
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12726 || id:645'

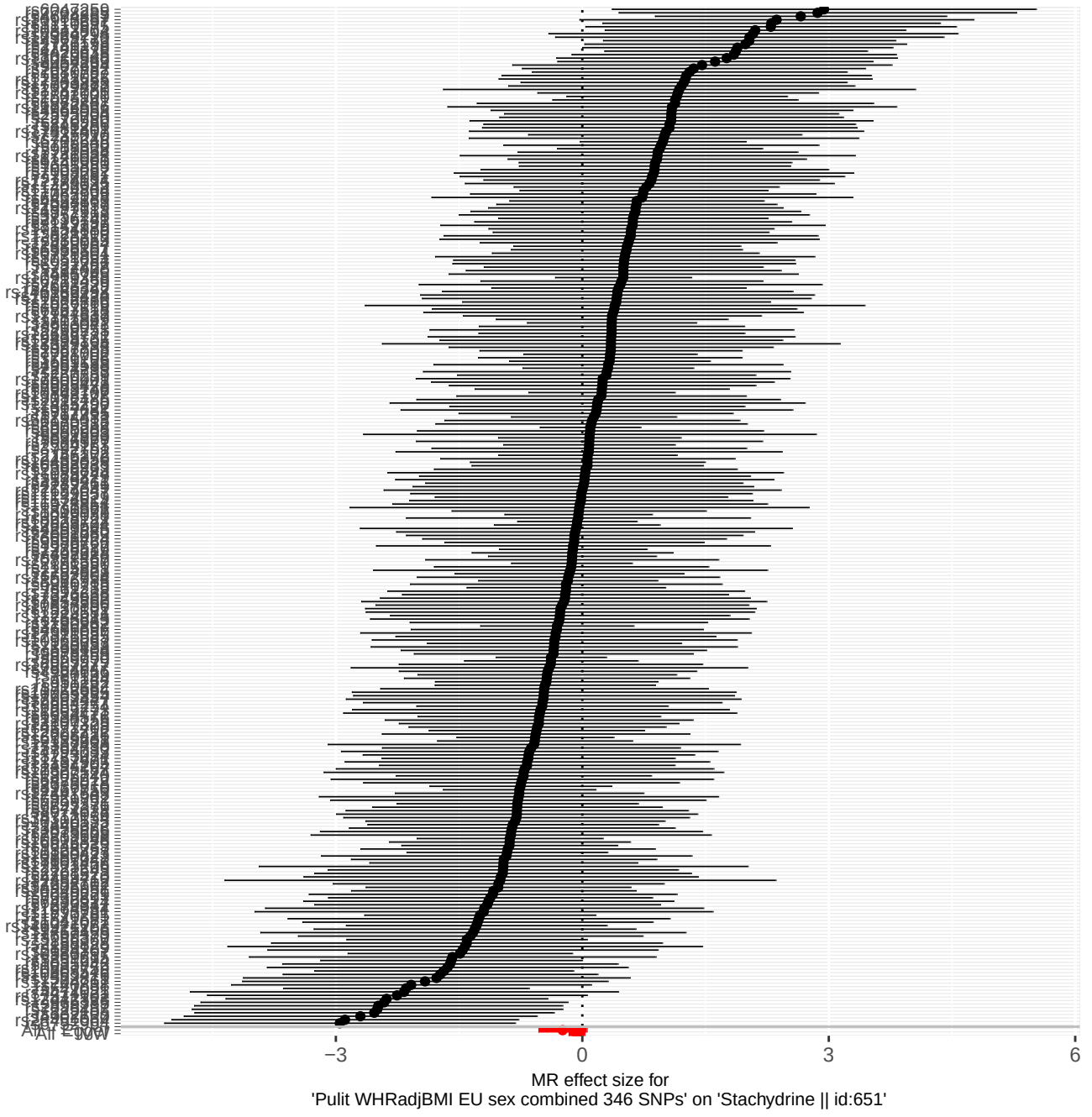

−10
−5
0
5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12728 || id:646'

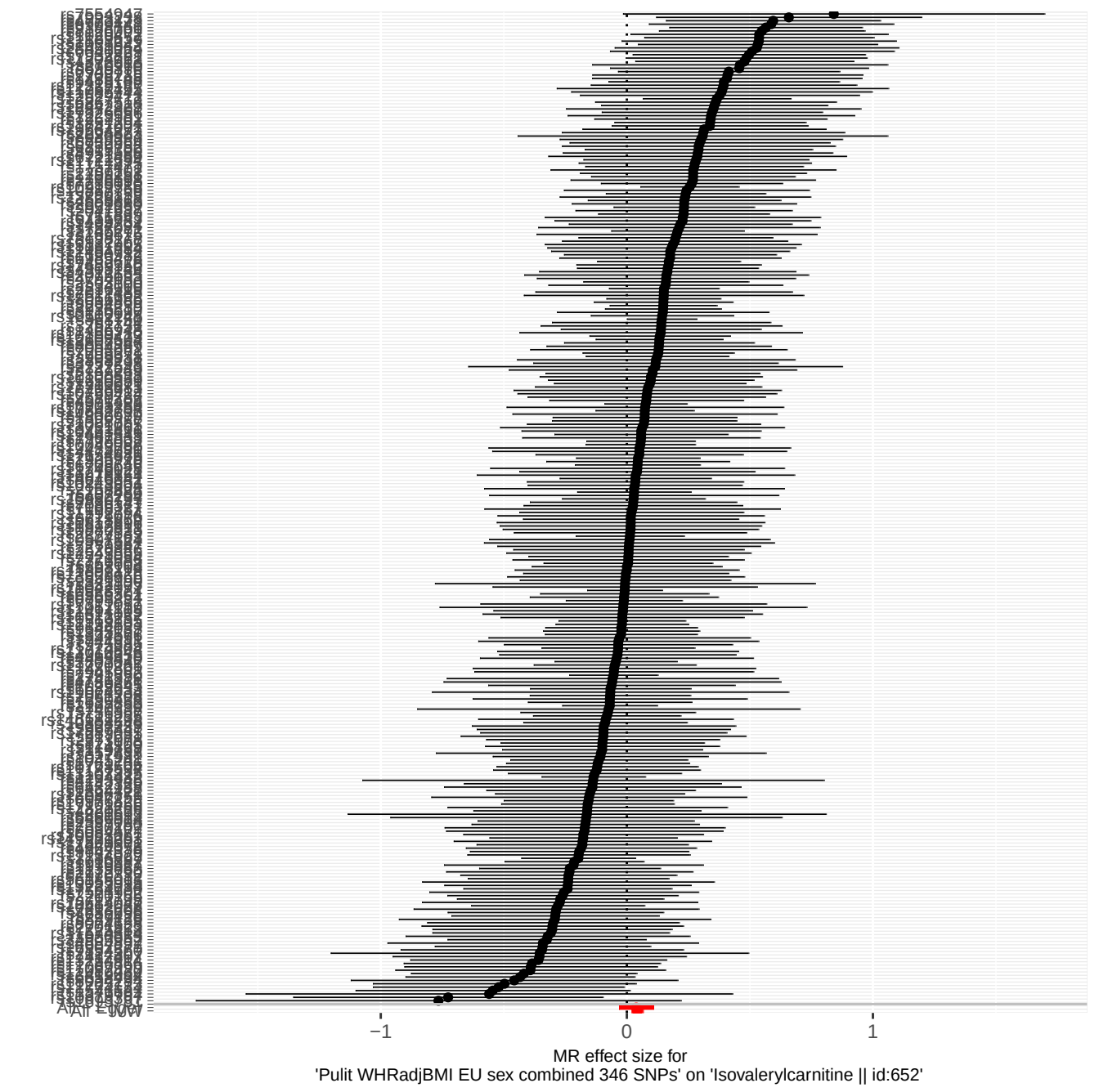

−5.0
−2.5
0.0
2.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12729 || id:647'

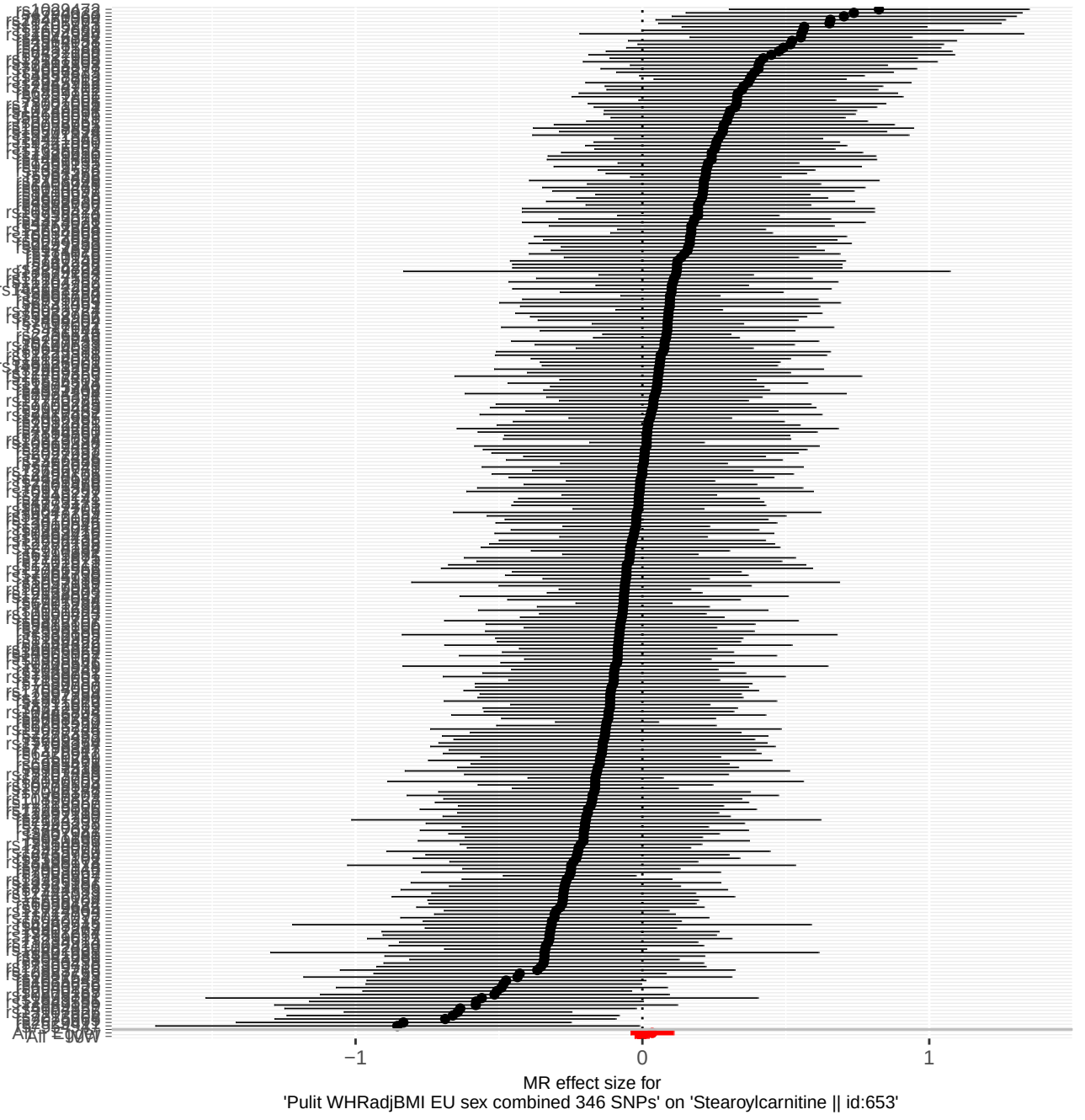

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12734 || id:648'

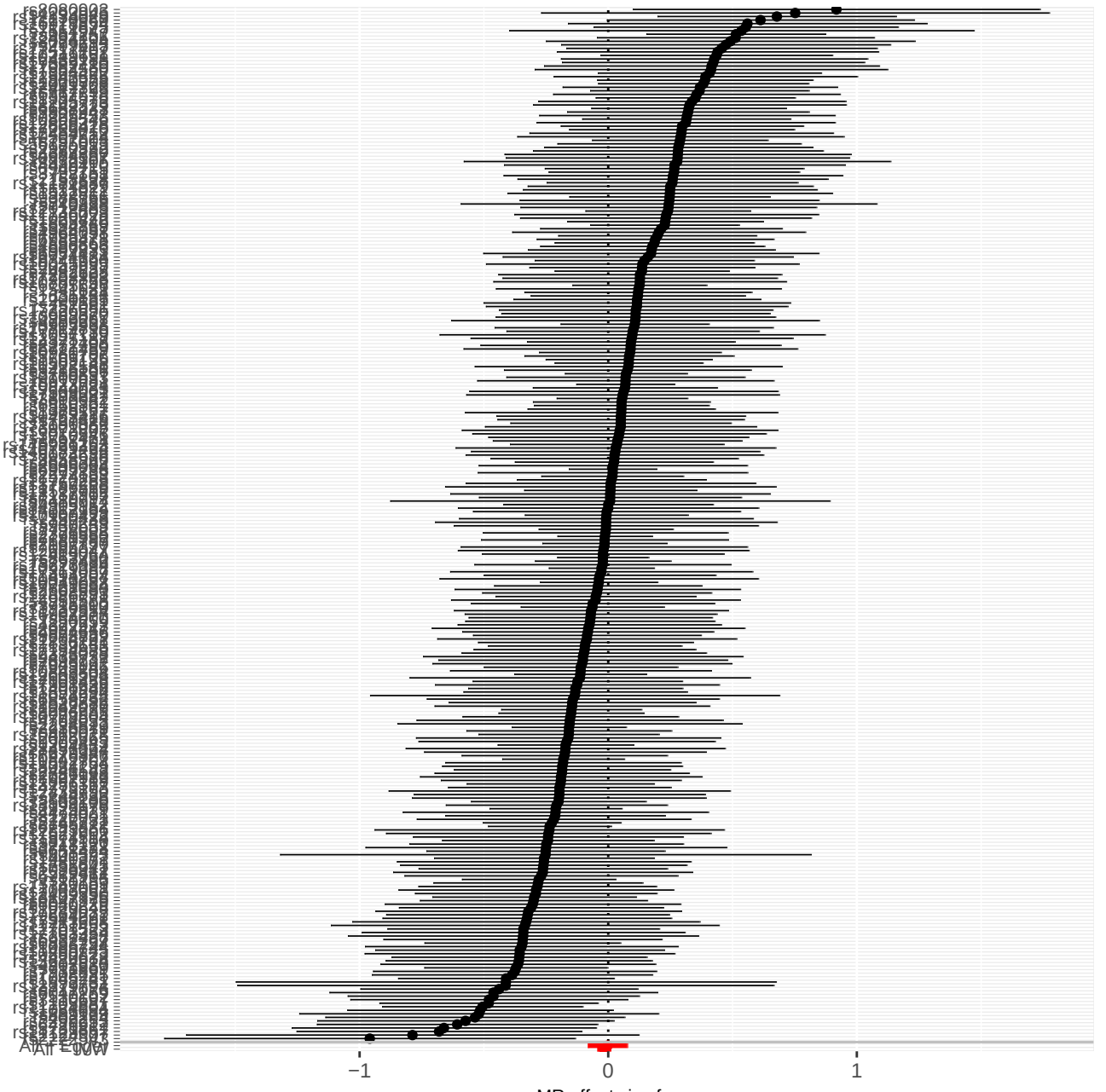

−6
−3
0
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12740 || id:649'

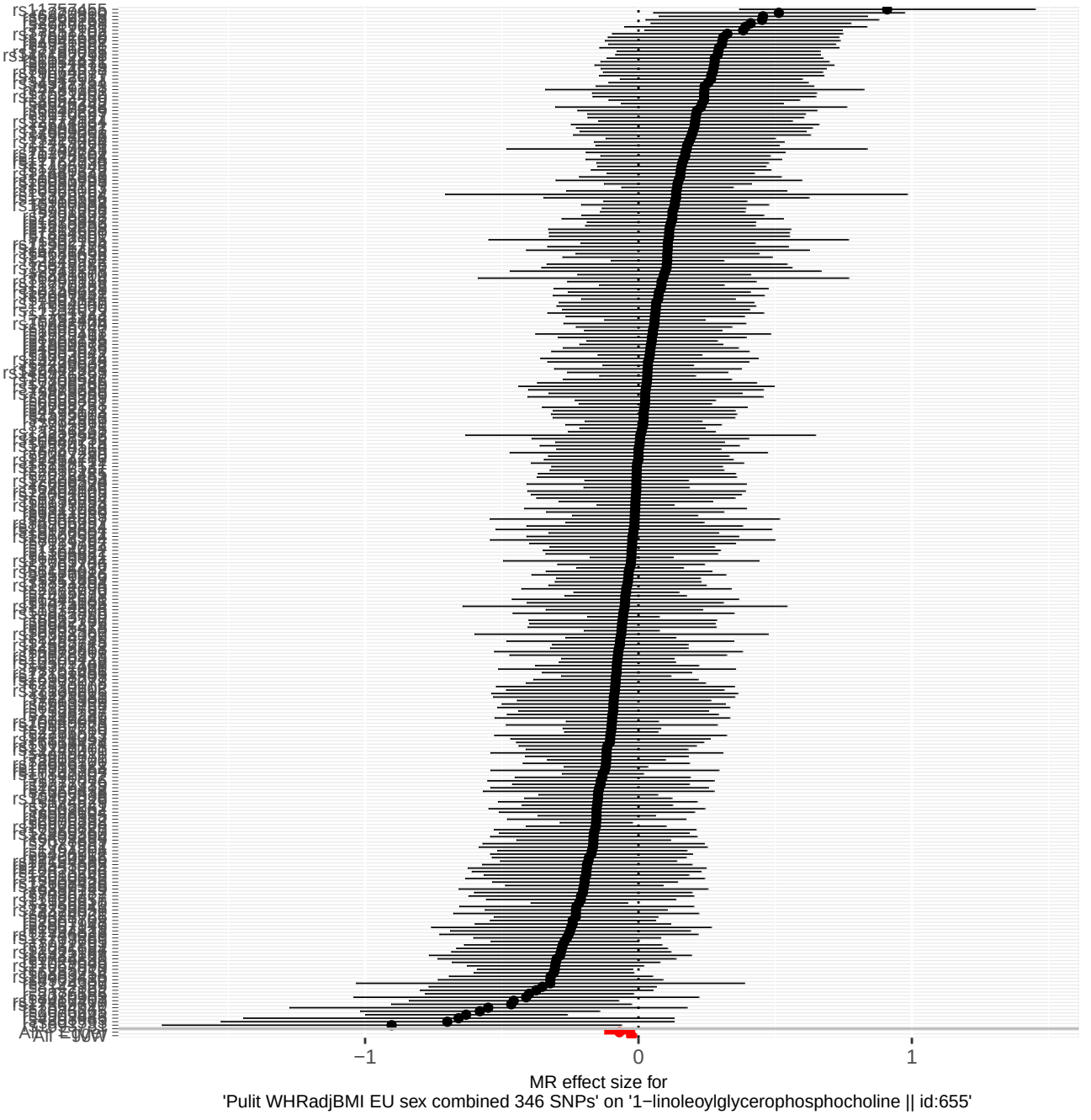

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12749 || id:650'

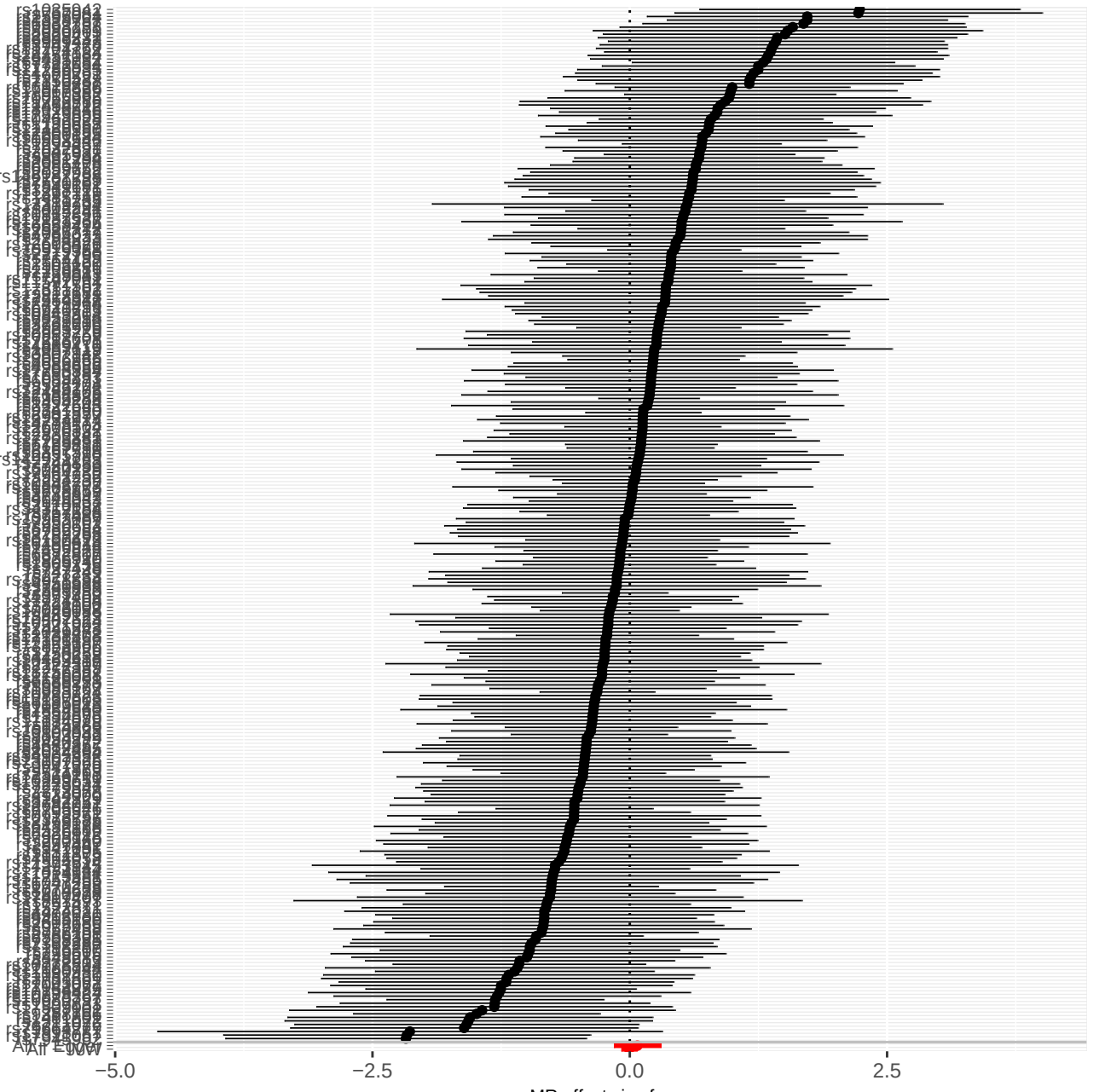

−3
0
3
6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Stachydrine || id:651'

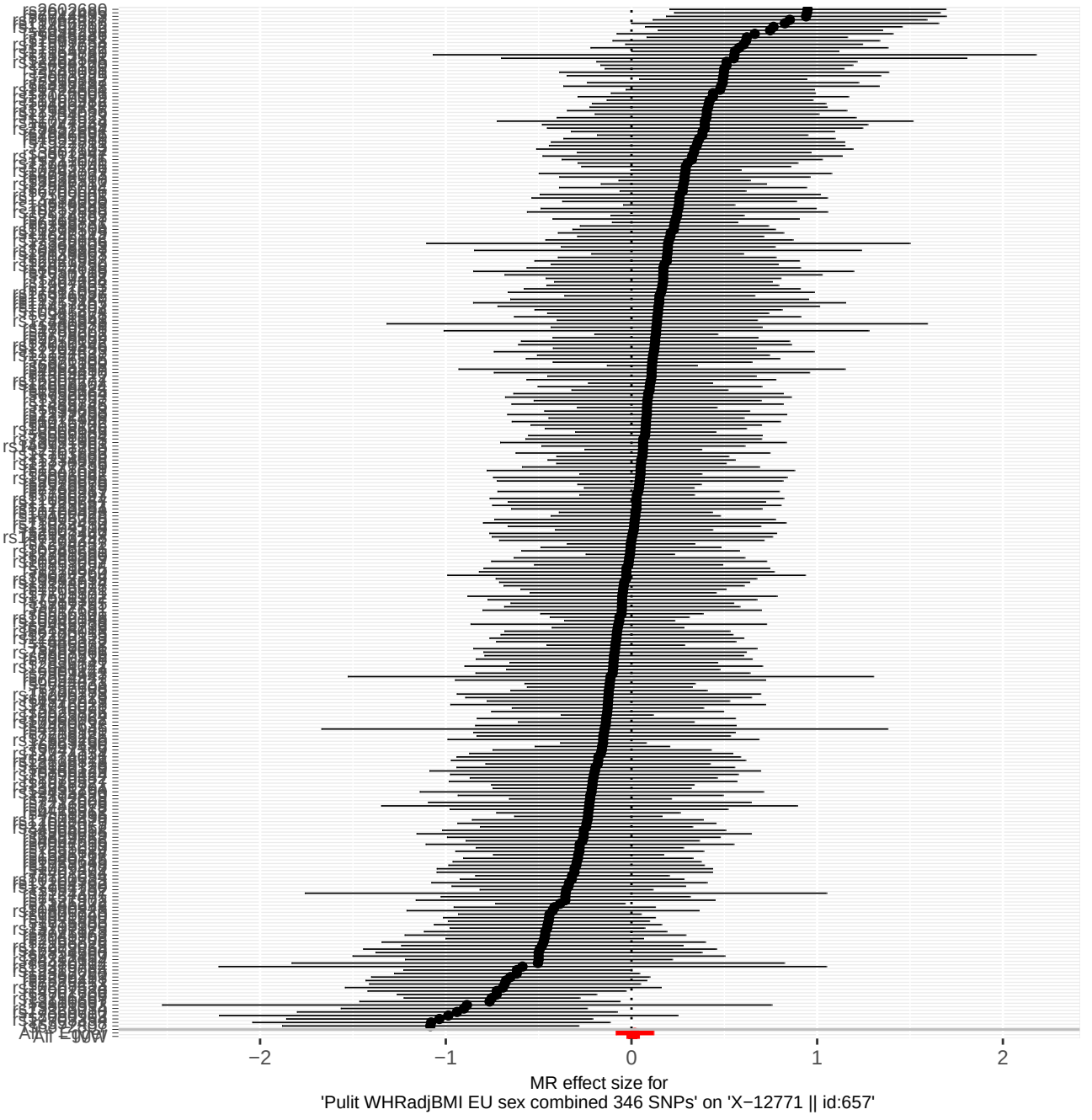

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Isovalerylcarnitine || id:652'

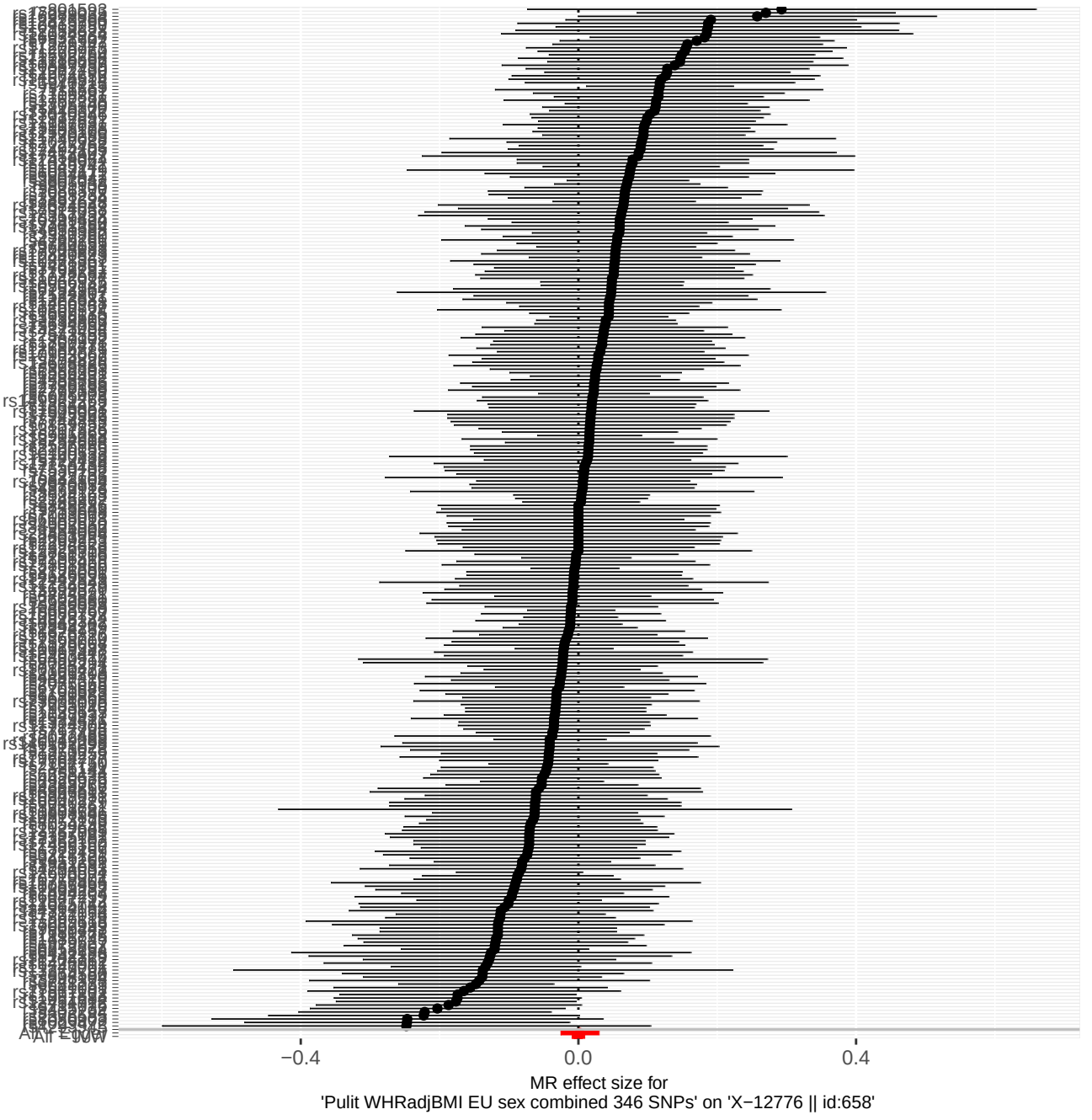

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Stearoylcarnitine || id:653'

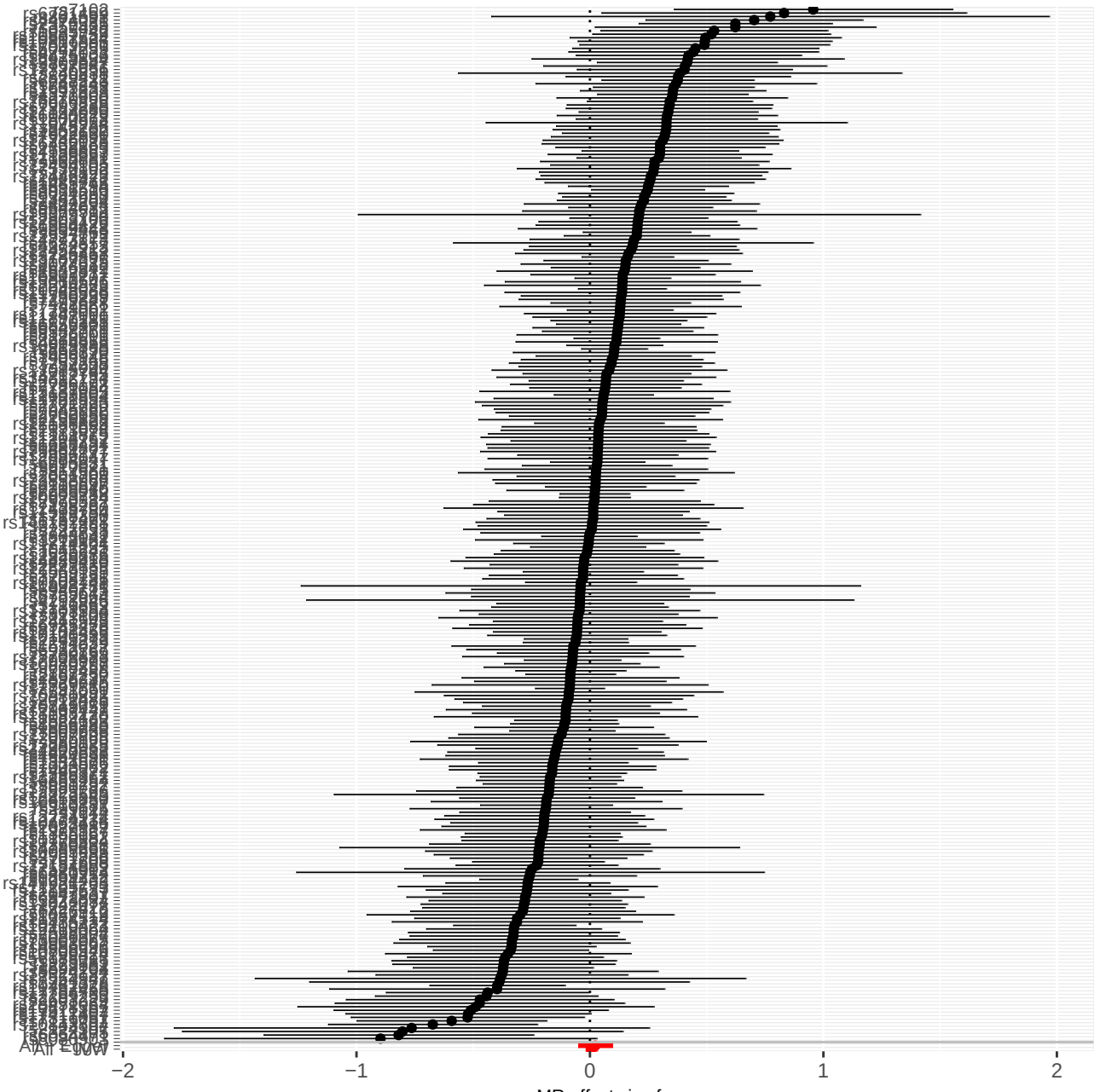

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−stearoylglycerophosphoethanolamine || id:654'

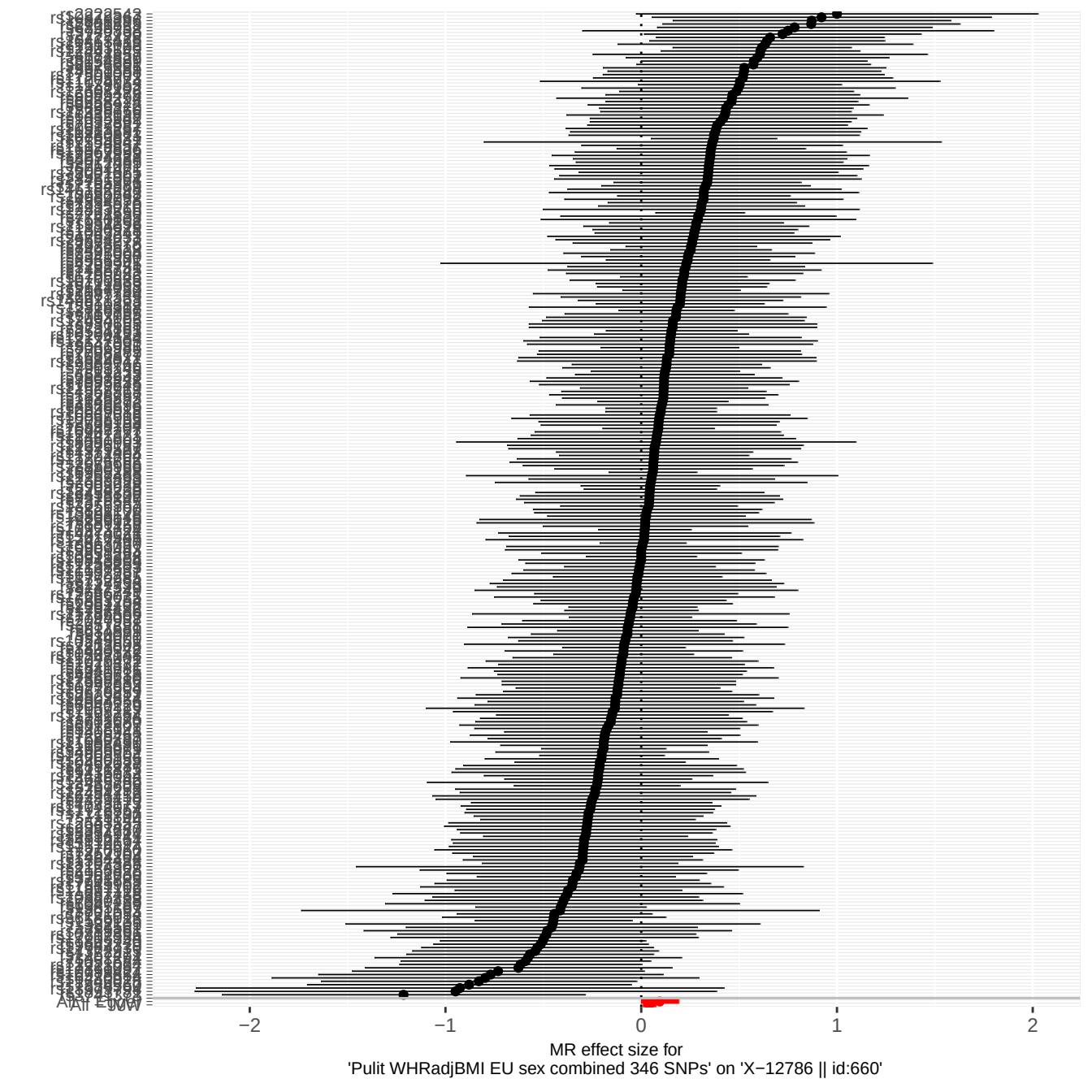

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−linoleoylglycerophosphocholine || id:655'

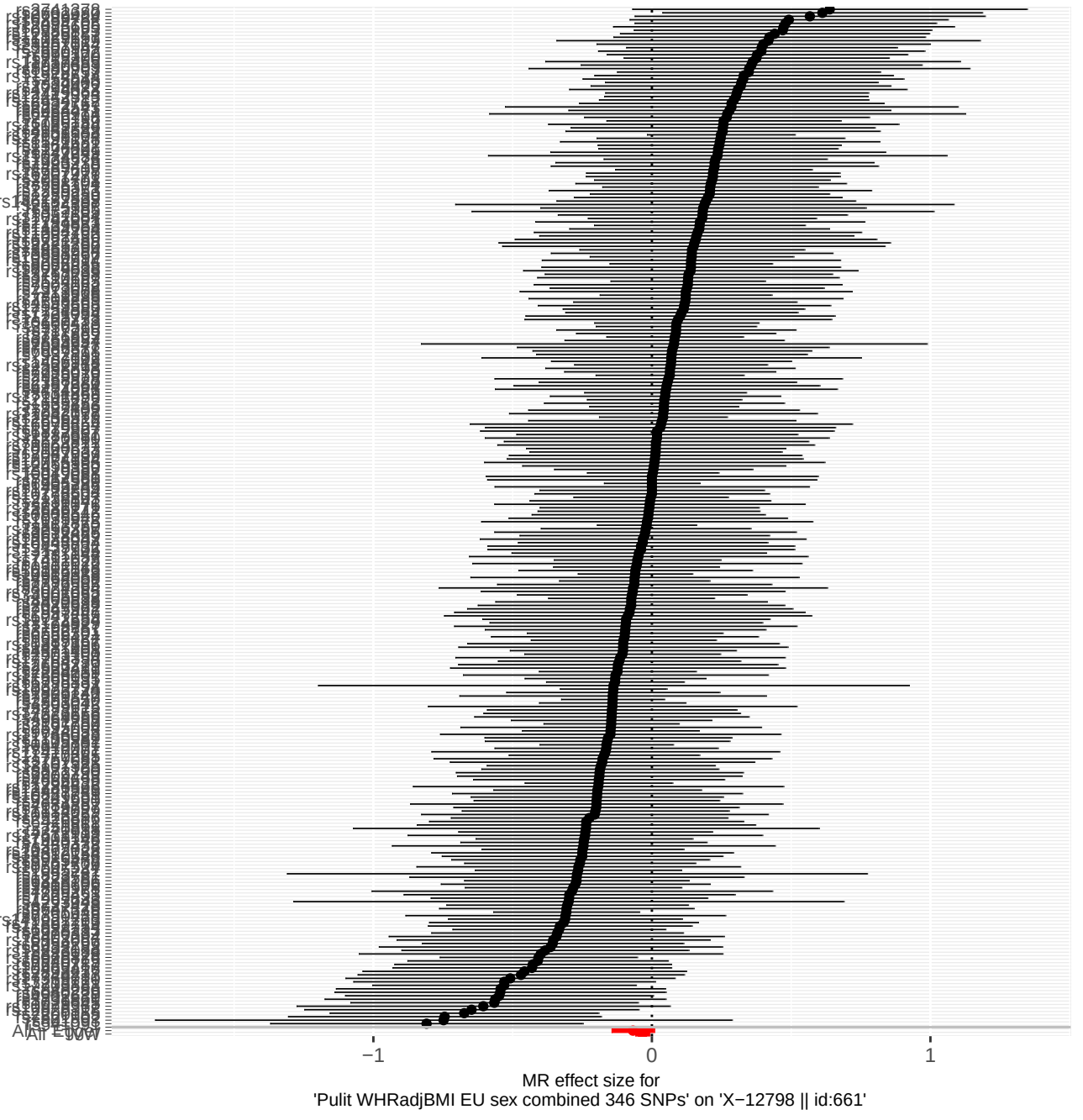

−5.0
−2.5
0.0
2.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Bradykinin, des−arg(9) || id:656'

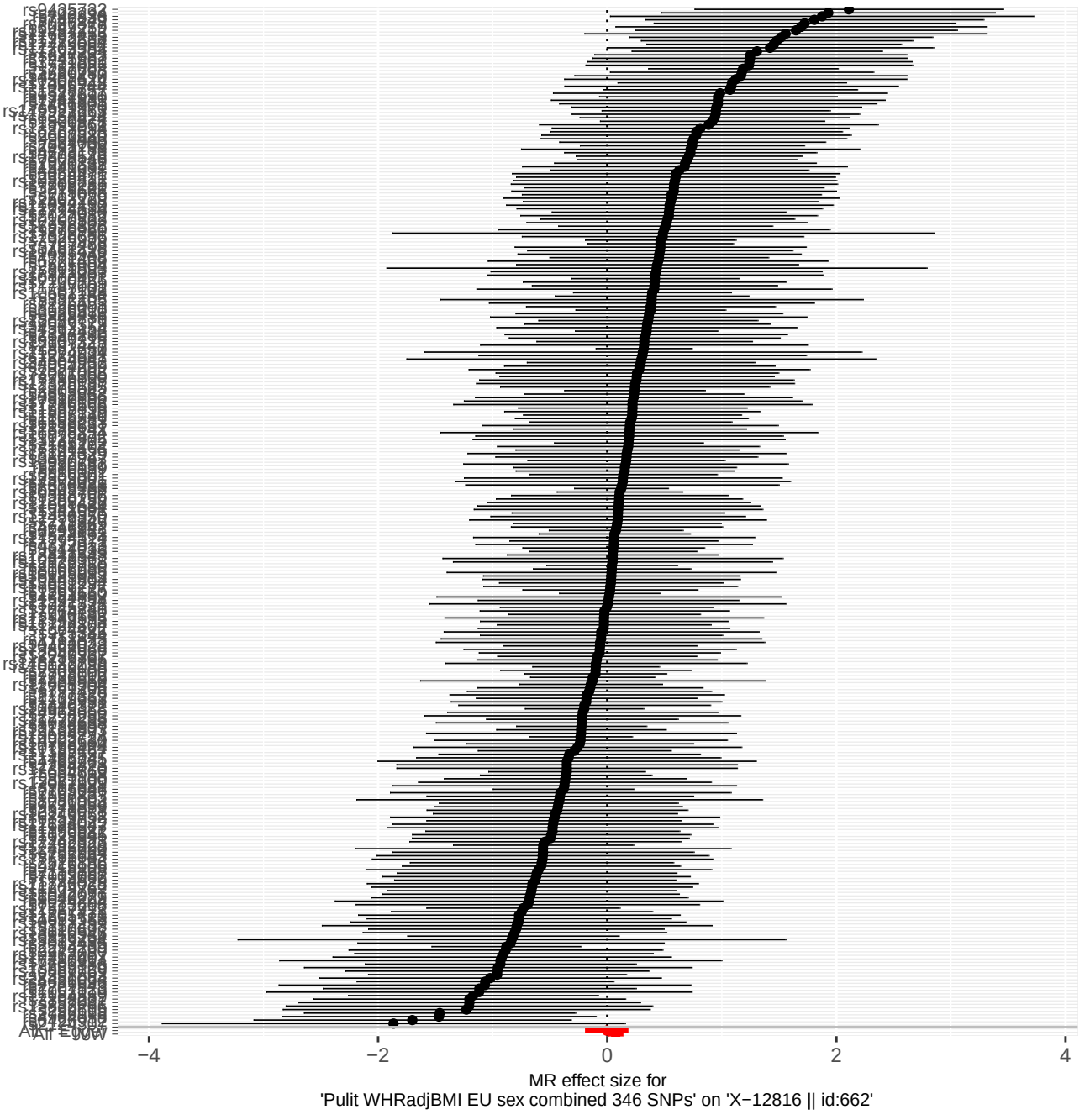

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12771 || id:657'

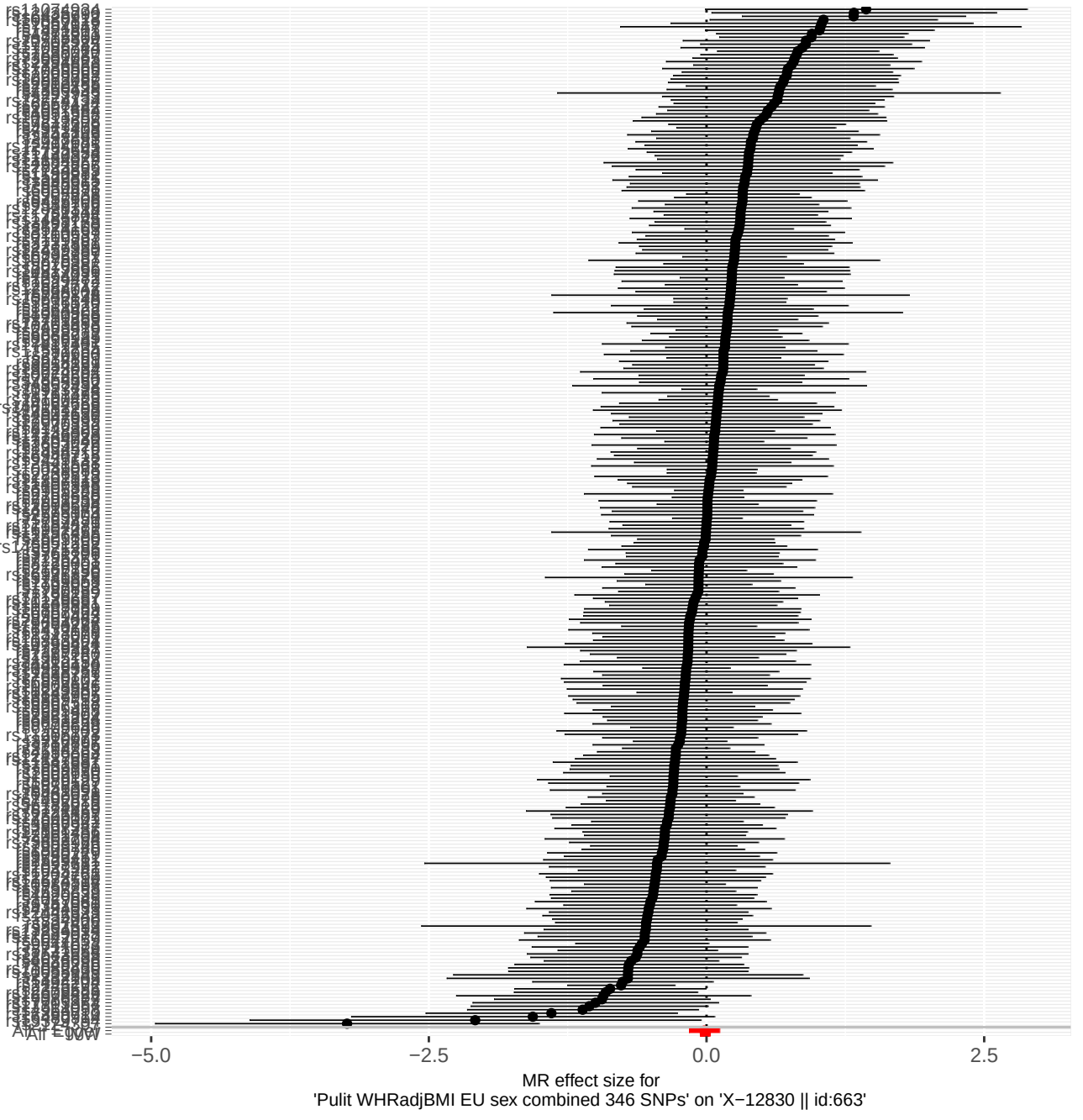

−0.4
0.0
0.4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12776 || id:658'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−glutamylisoleucine* || id:659'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12786 || id:660'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12798 || id:661'


−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12816 || id:662'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−2.5
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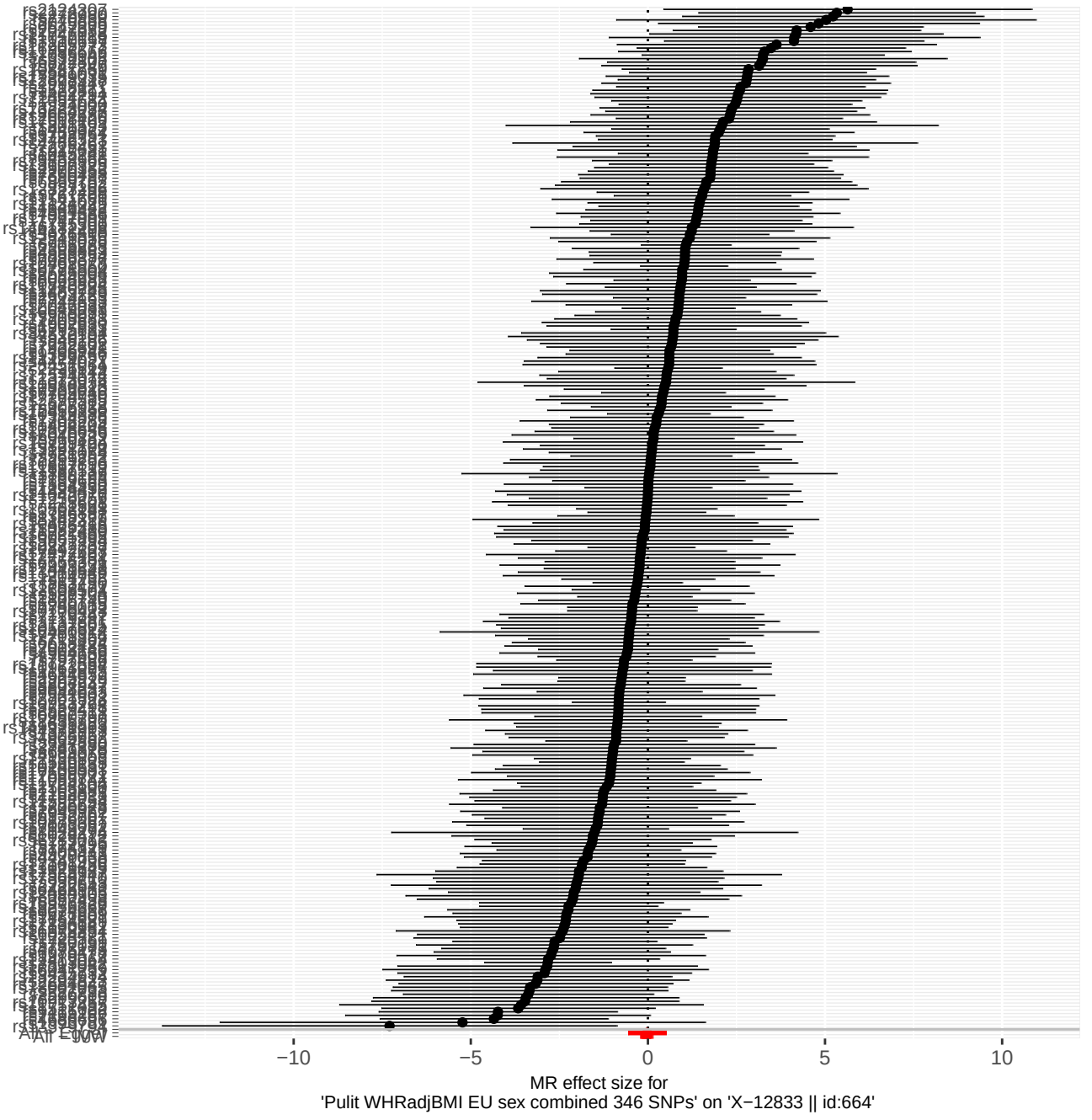
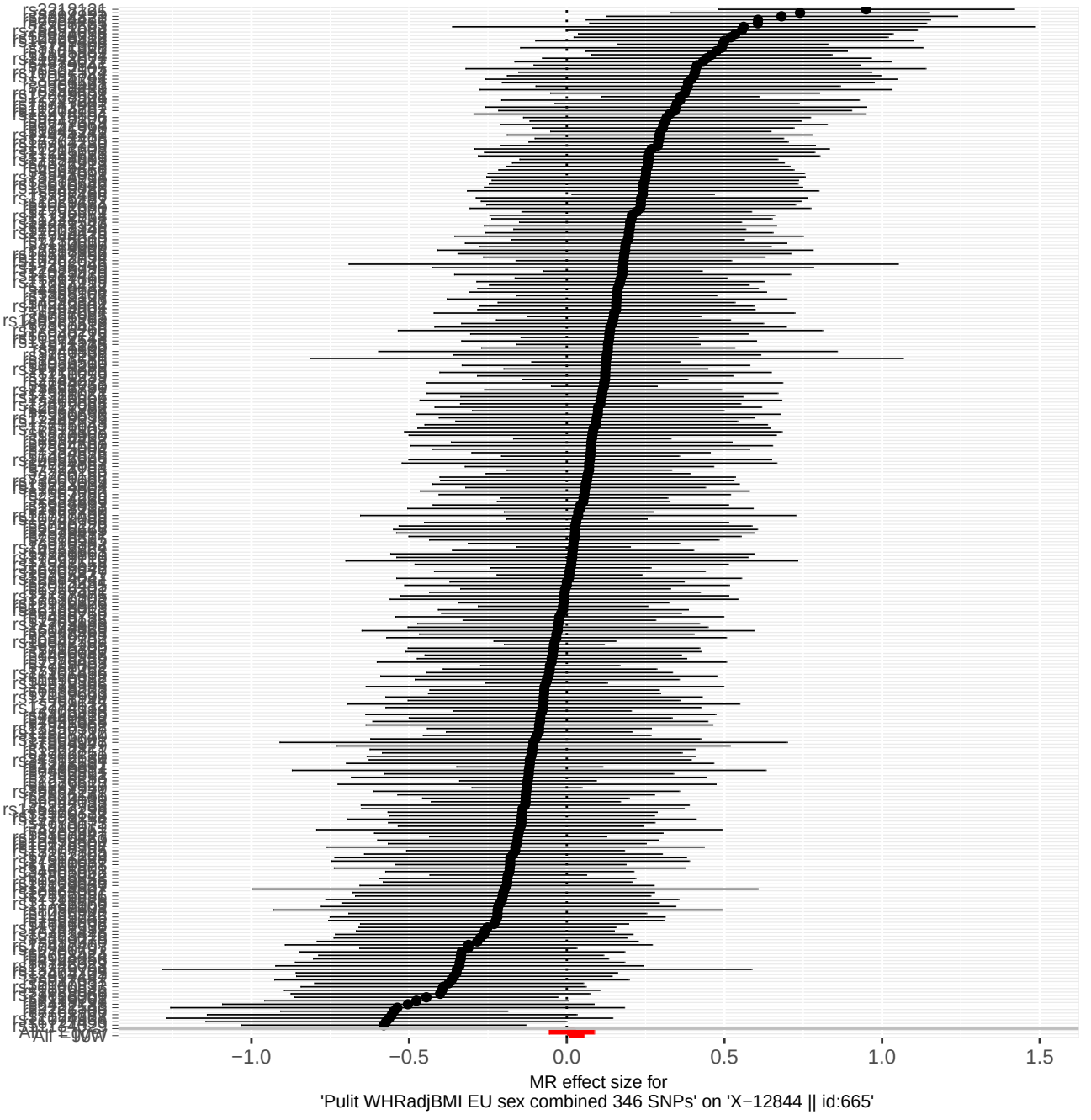
2.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12830 || id:663'


−10
−5
0
5
10
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12833 || id:664'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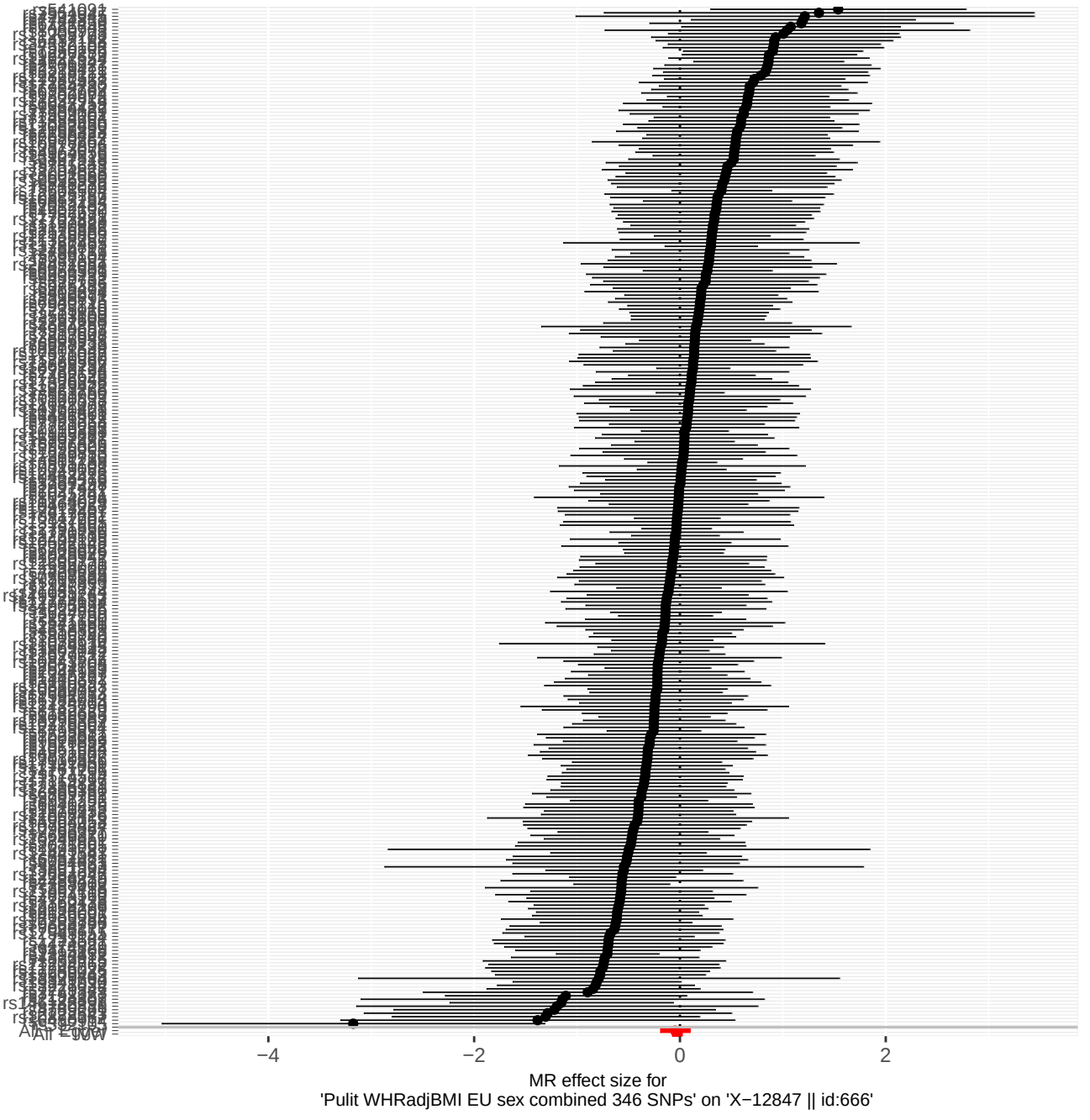
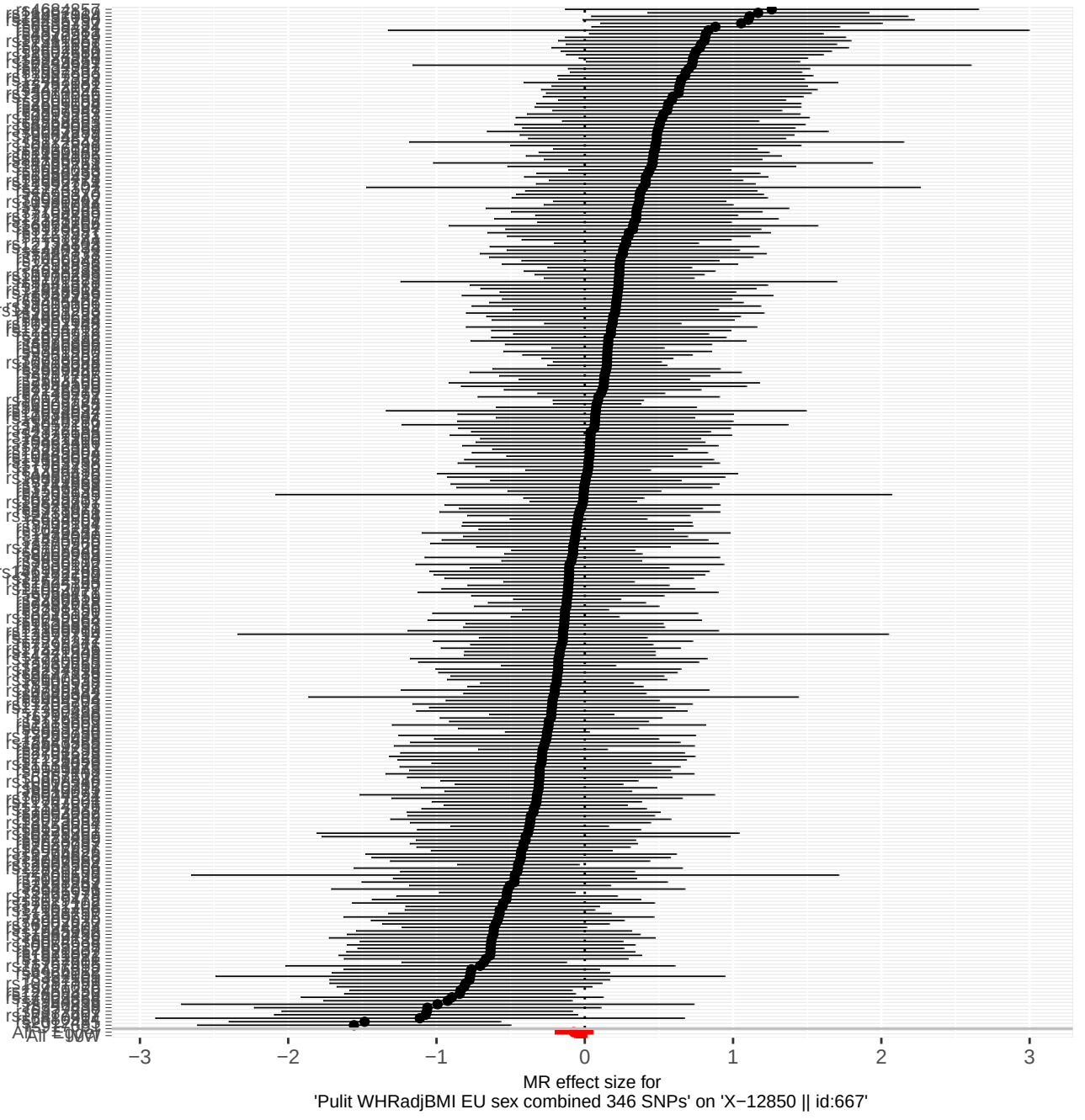
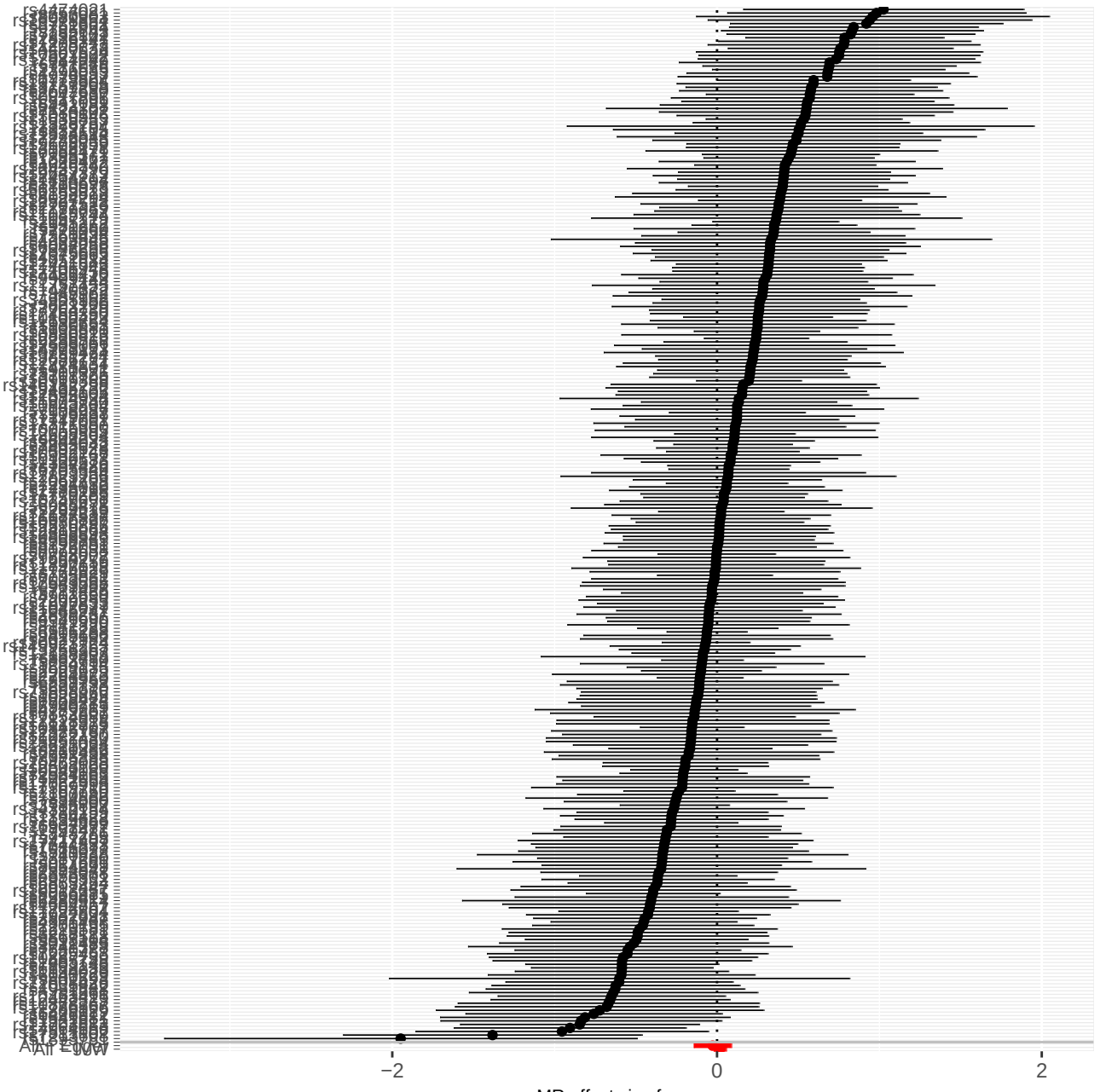
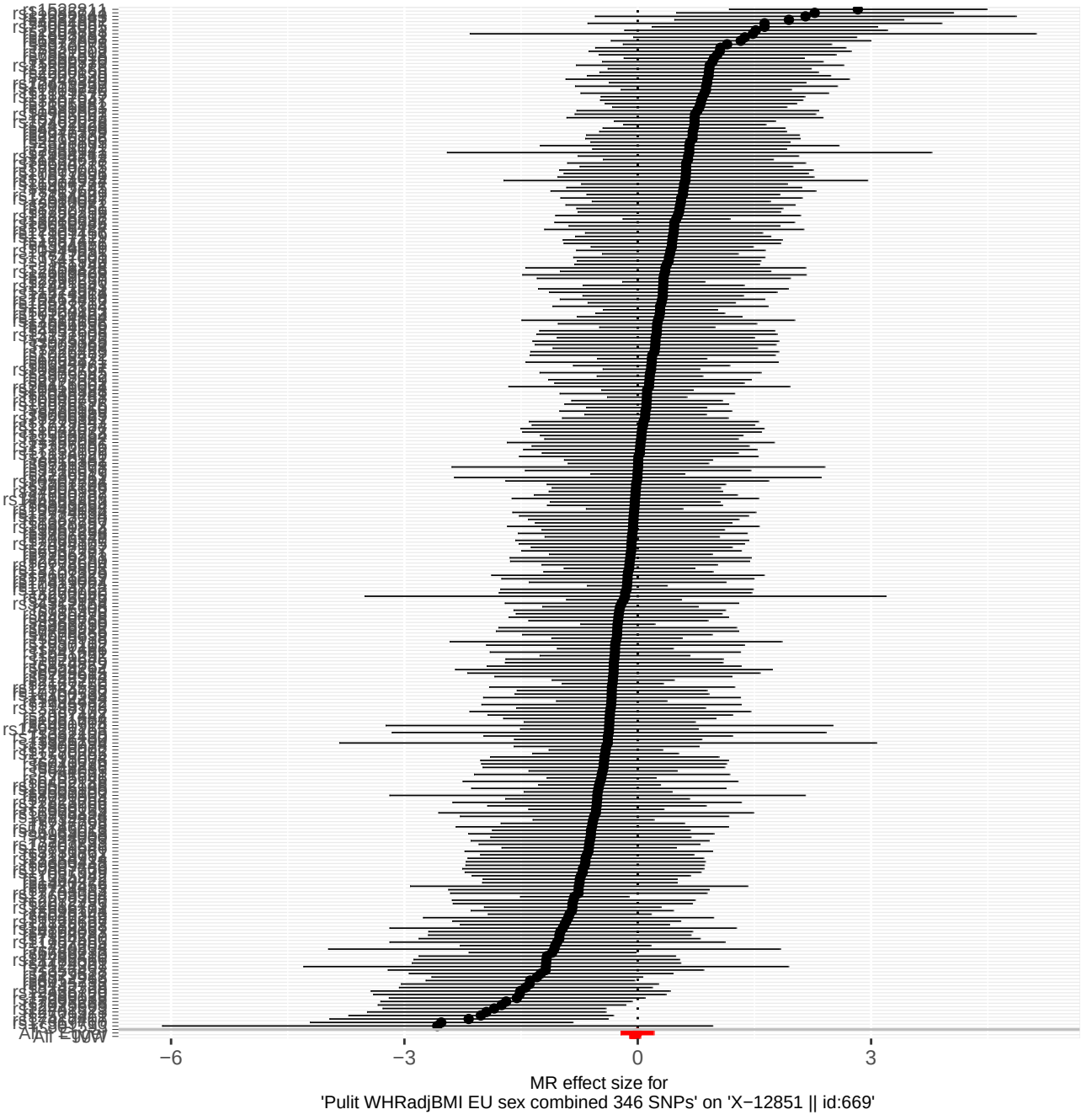
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12844 || id:665'


−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12847 || id:666'


−3
−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12850 || id:667'


−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Laurylcarnitine || id:668'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−3
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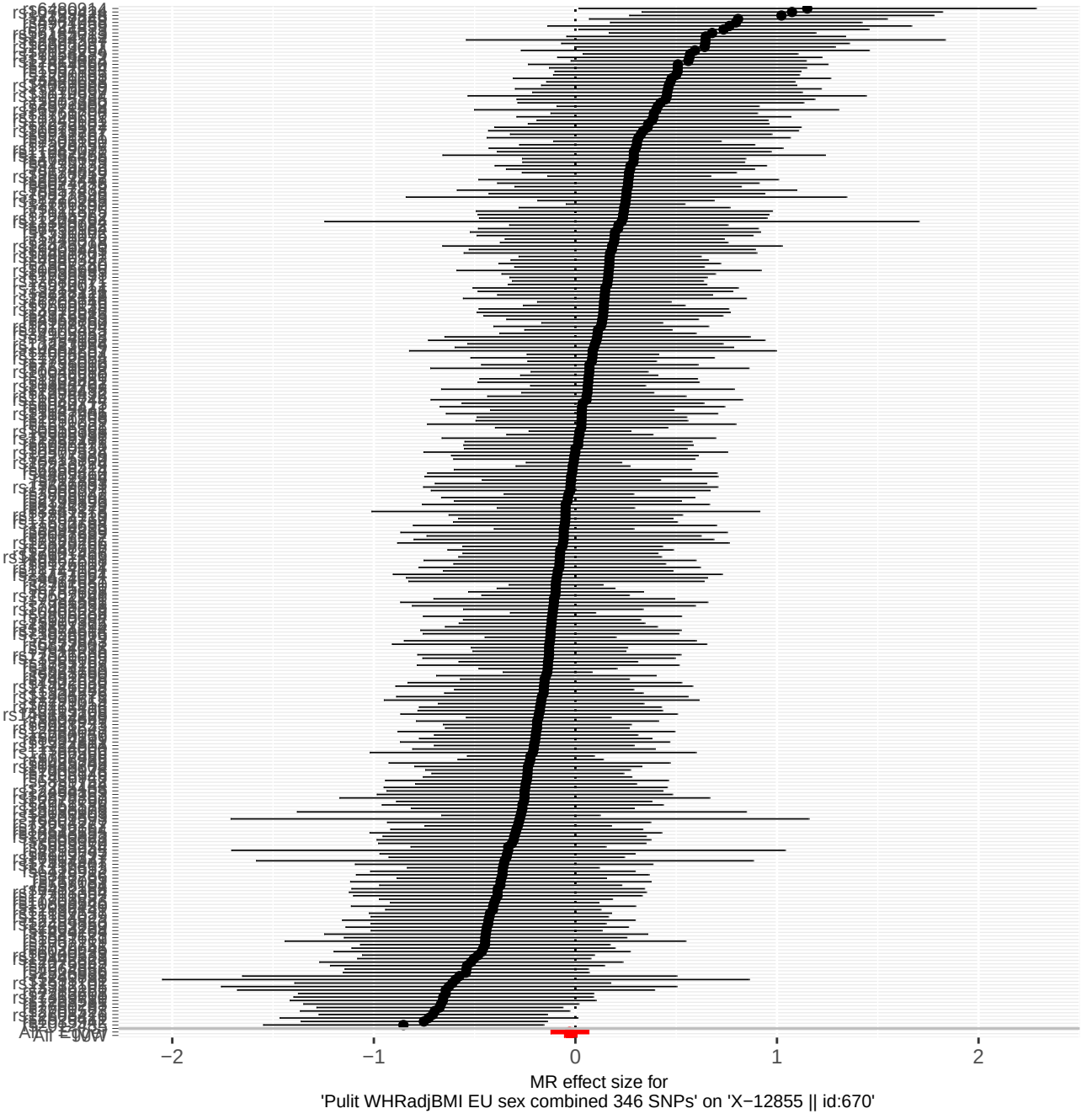
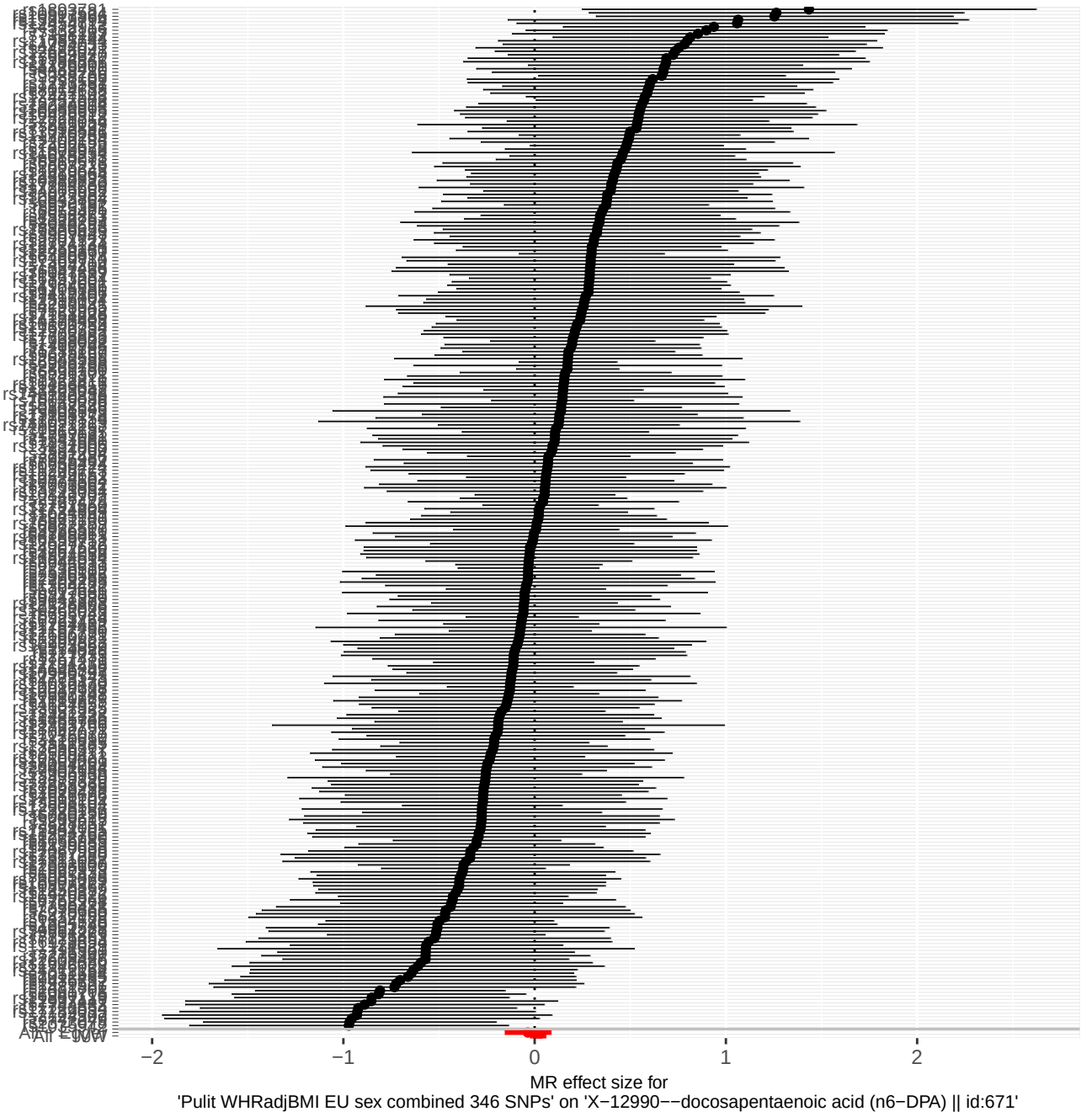
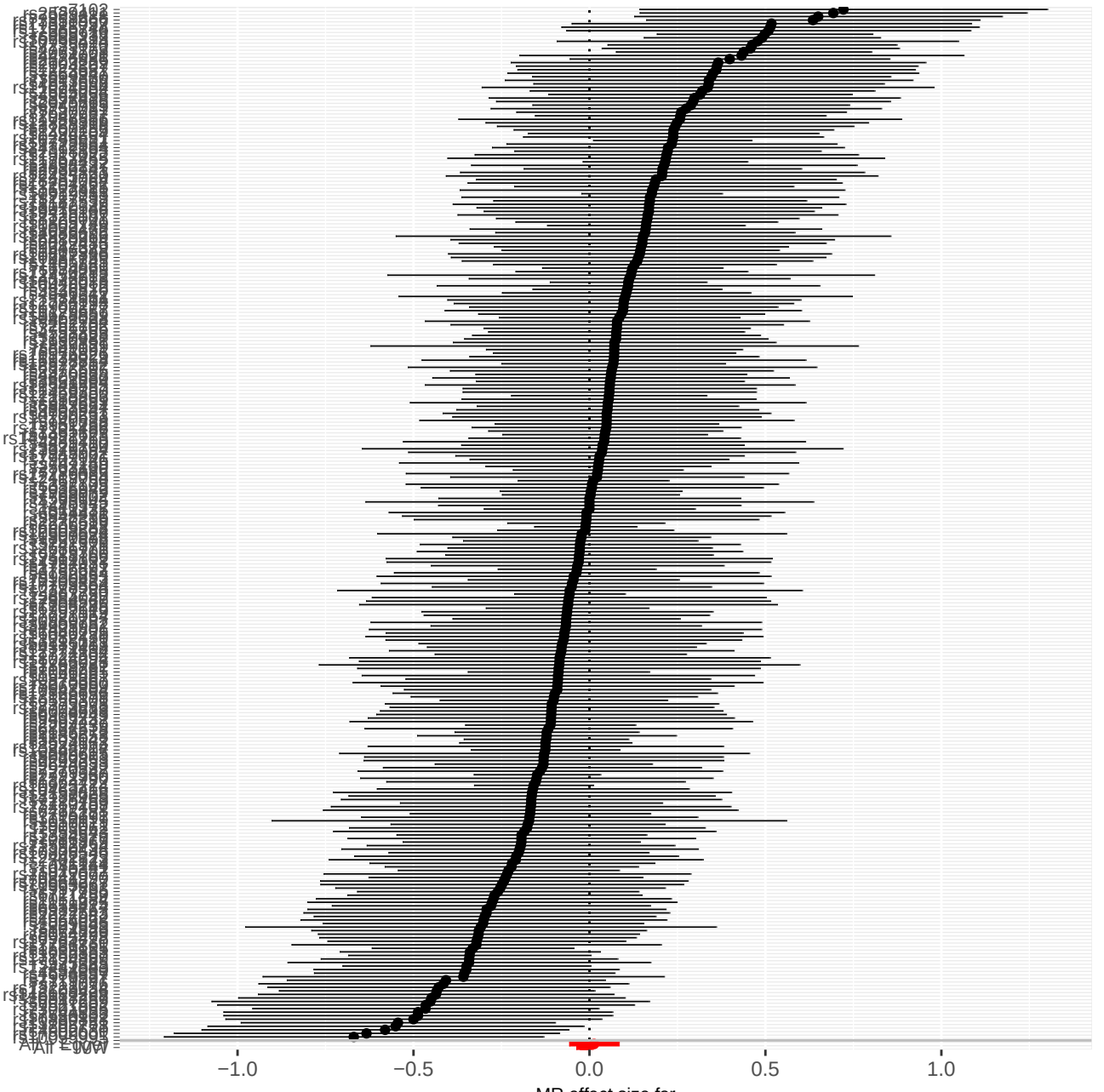
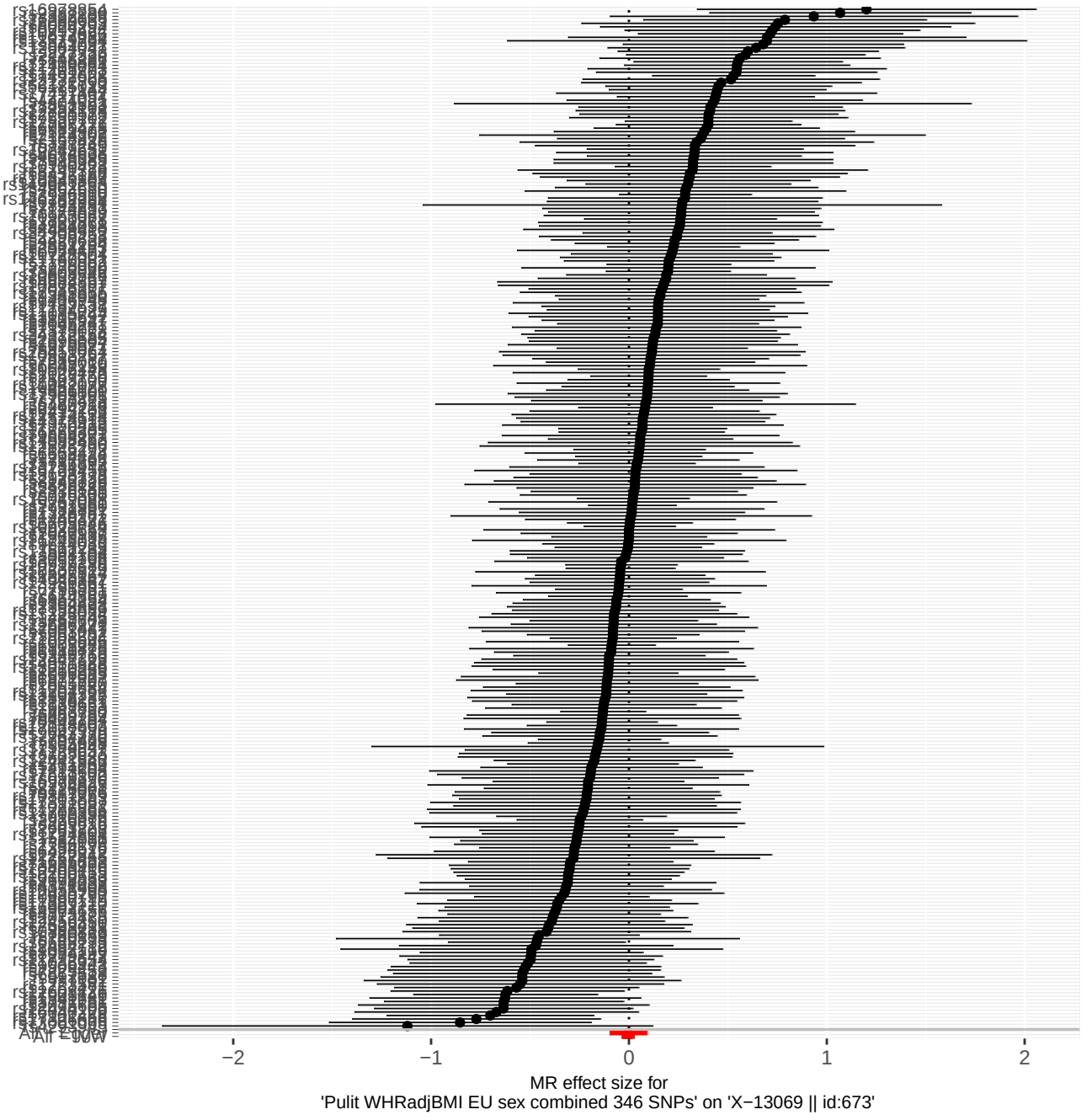
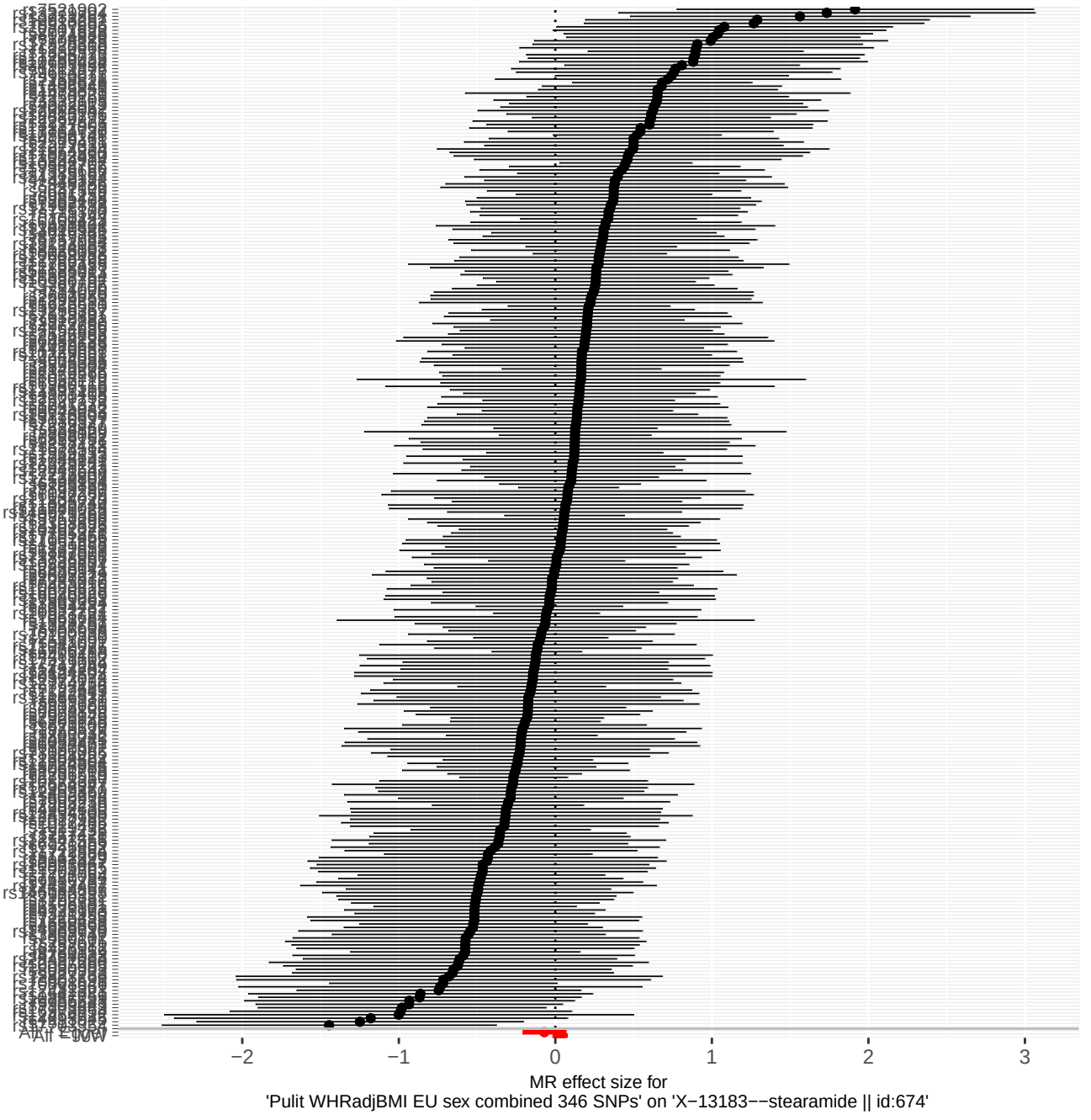
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12851 || id:669'

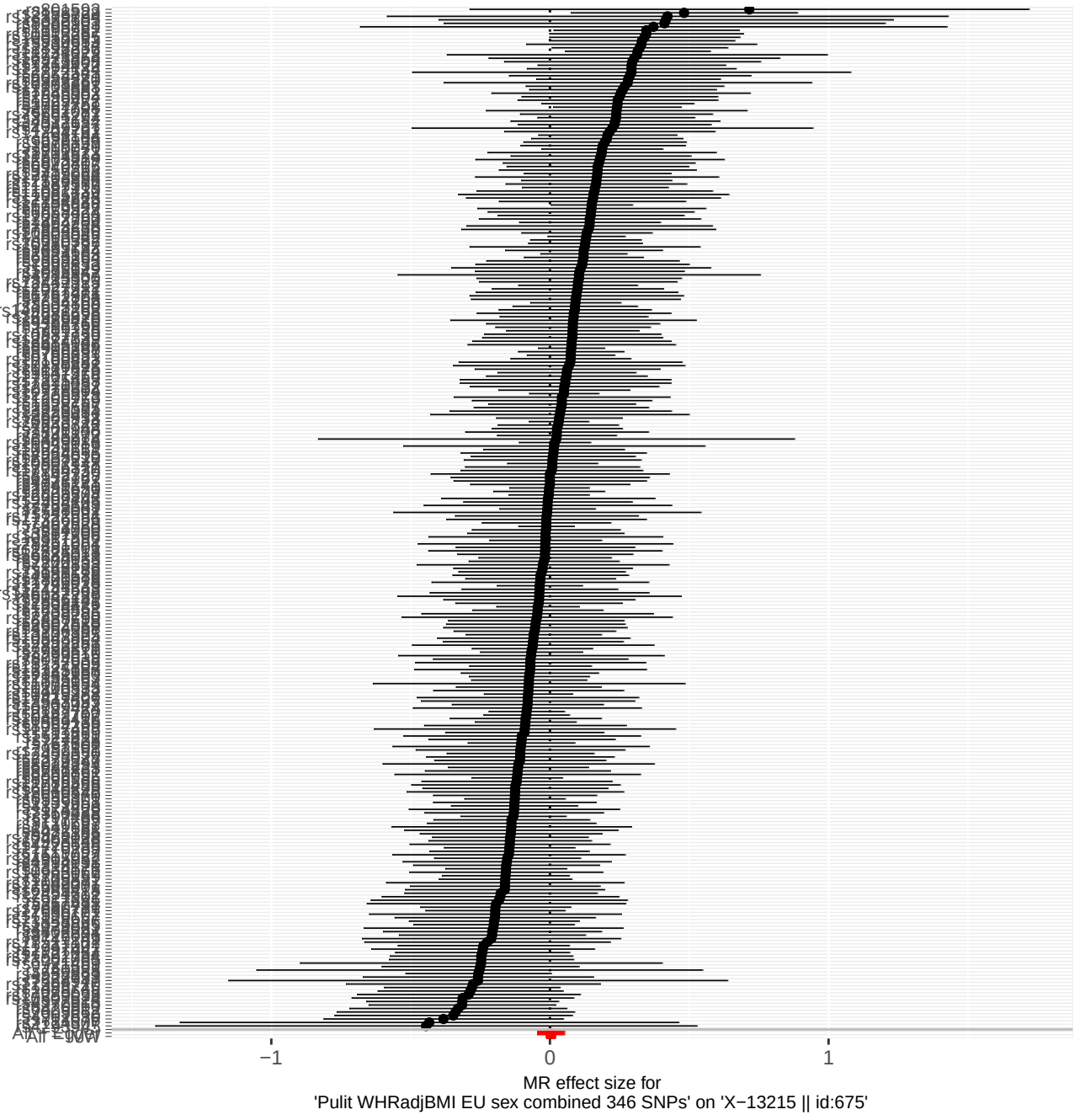

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12855 || id:670'

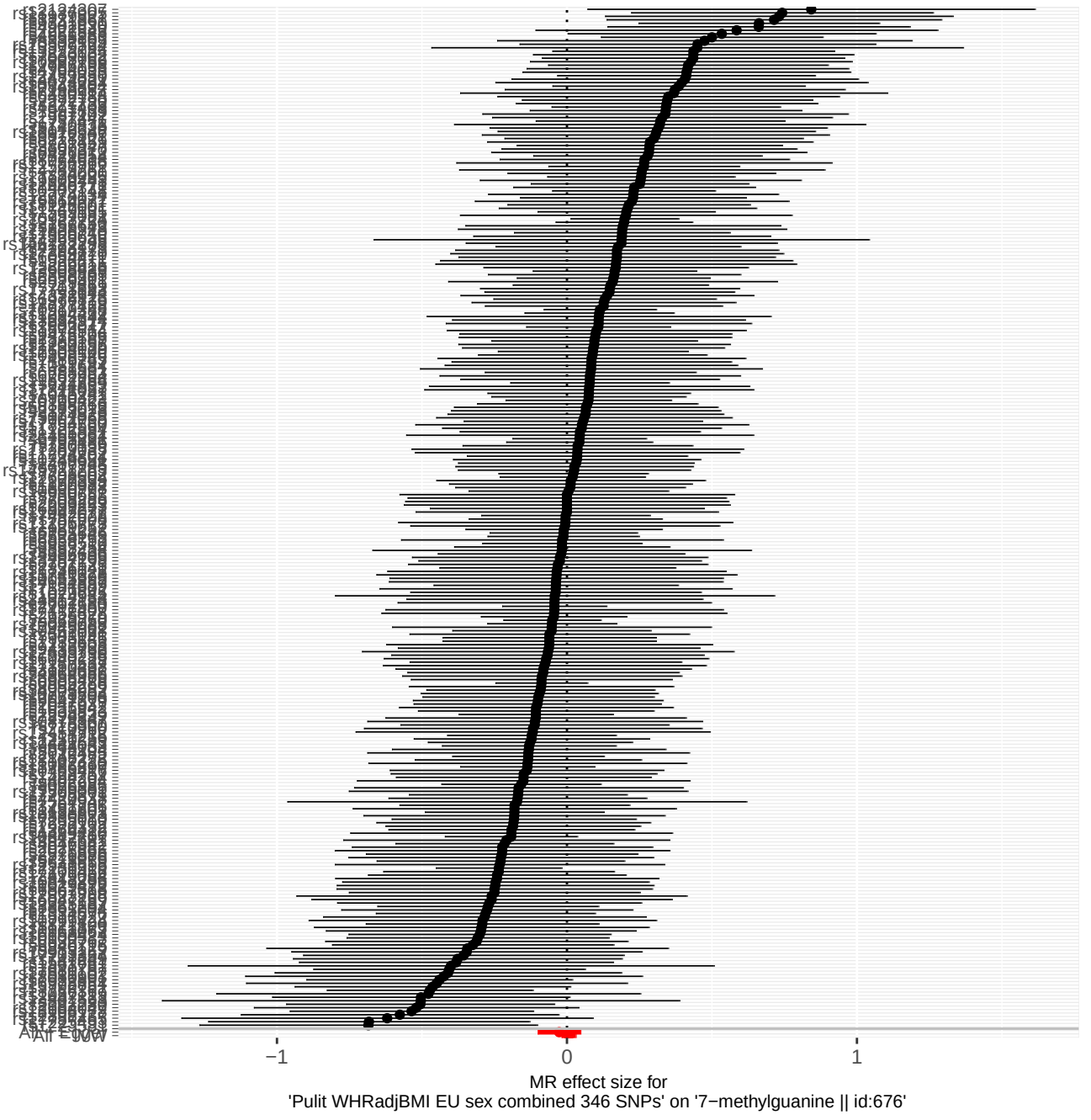

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−12990−−docosapentaenoic acid (n6−DPA) || id:671'

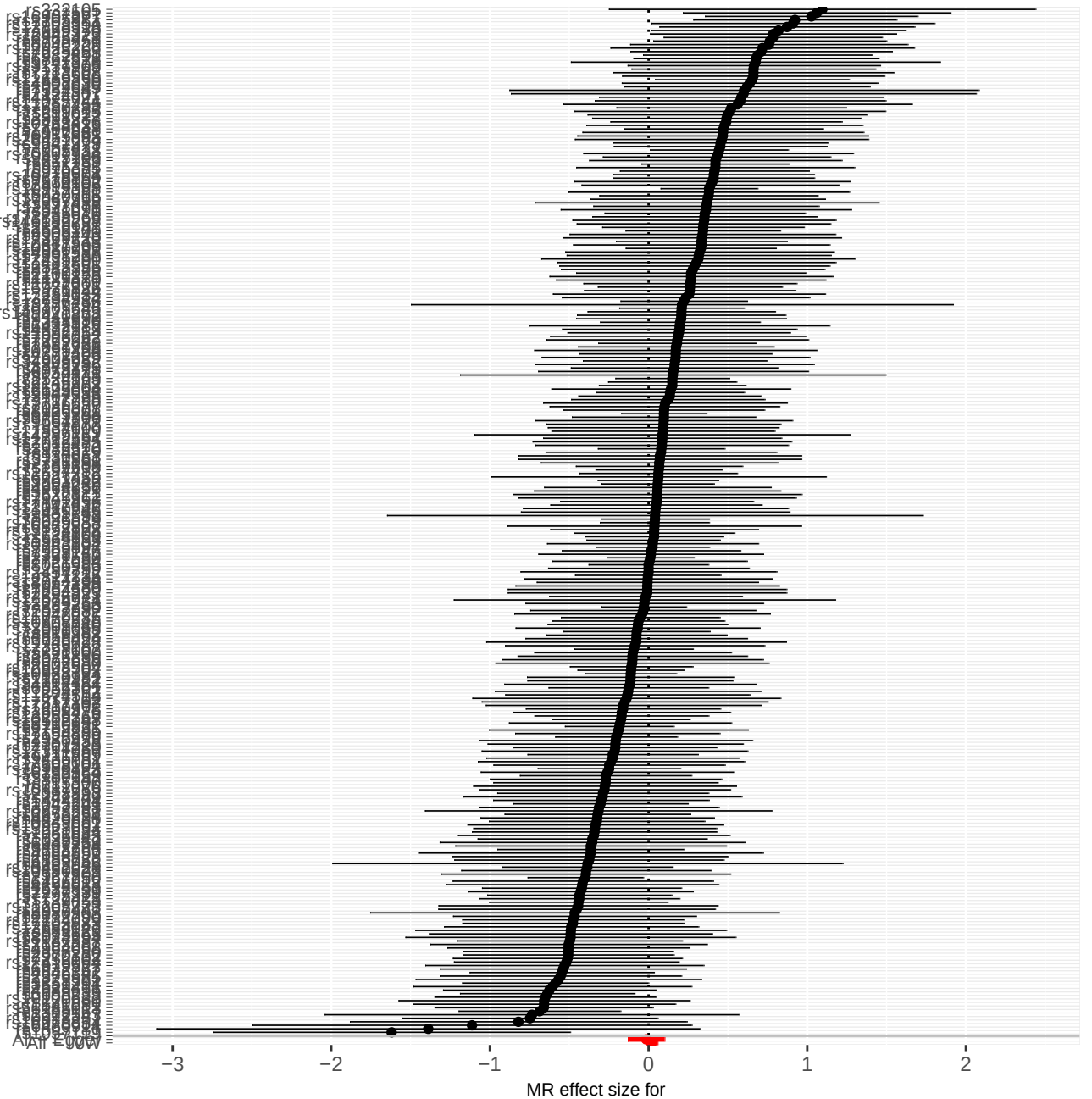

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Isovalerate || id:672'

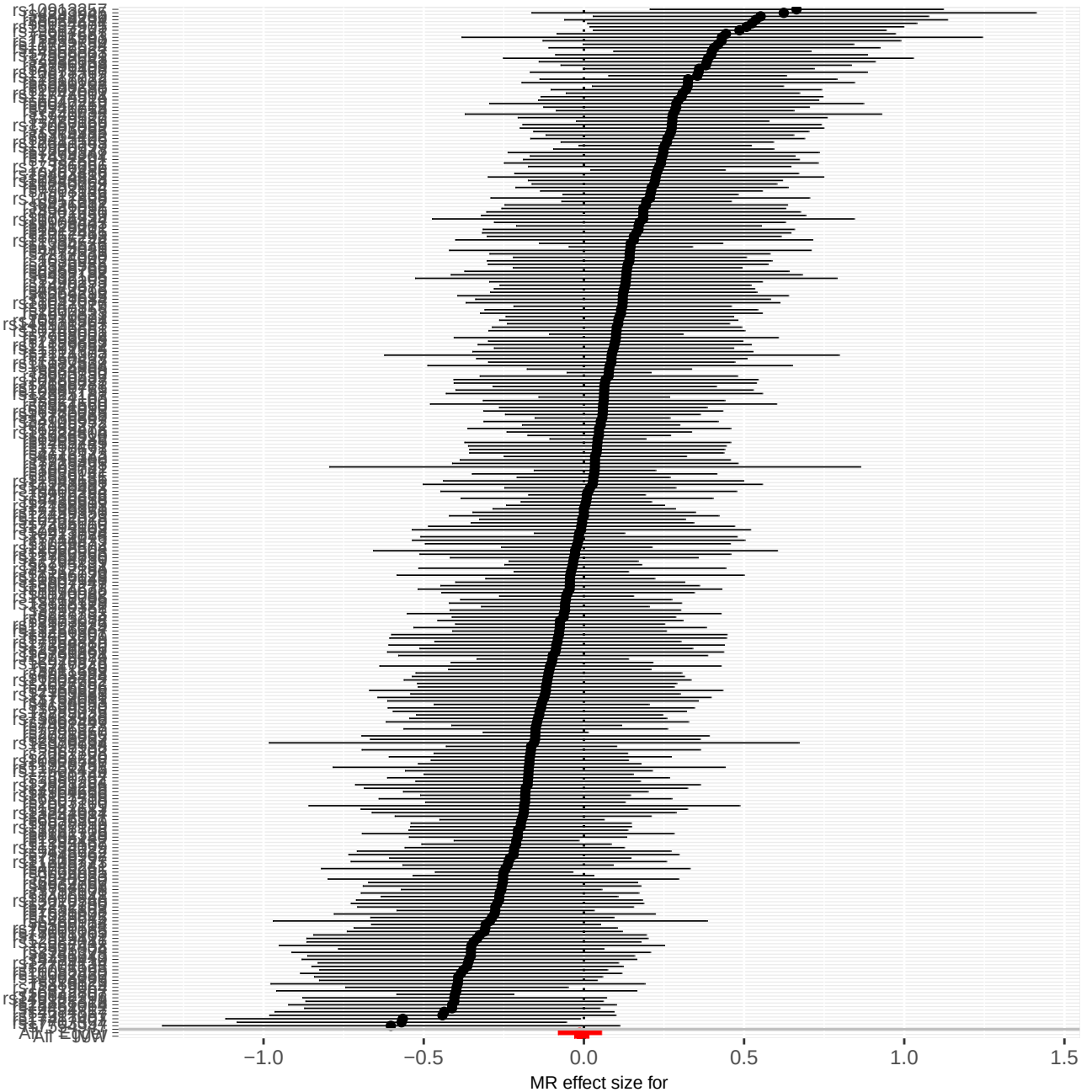

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13069 || id:673'

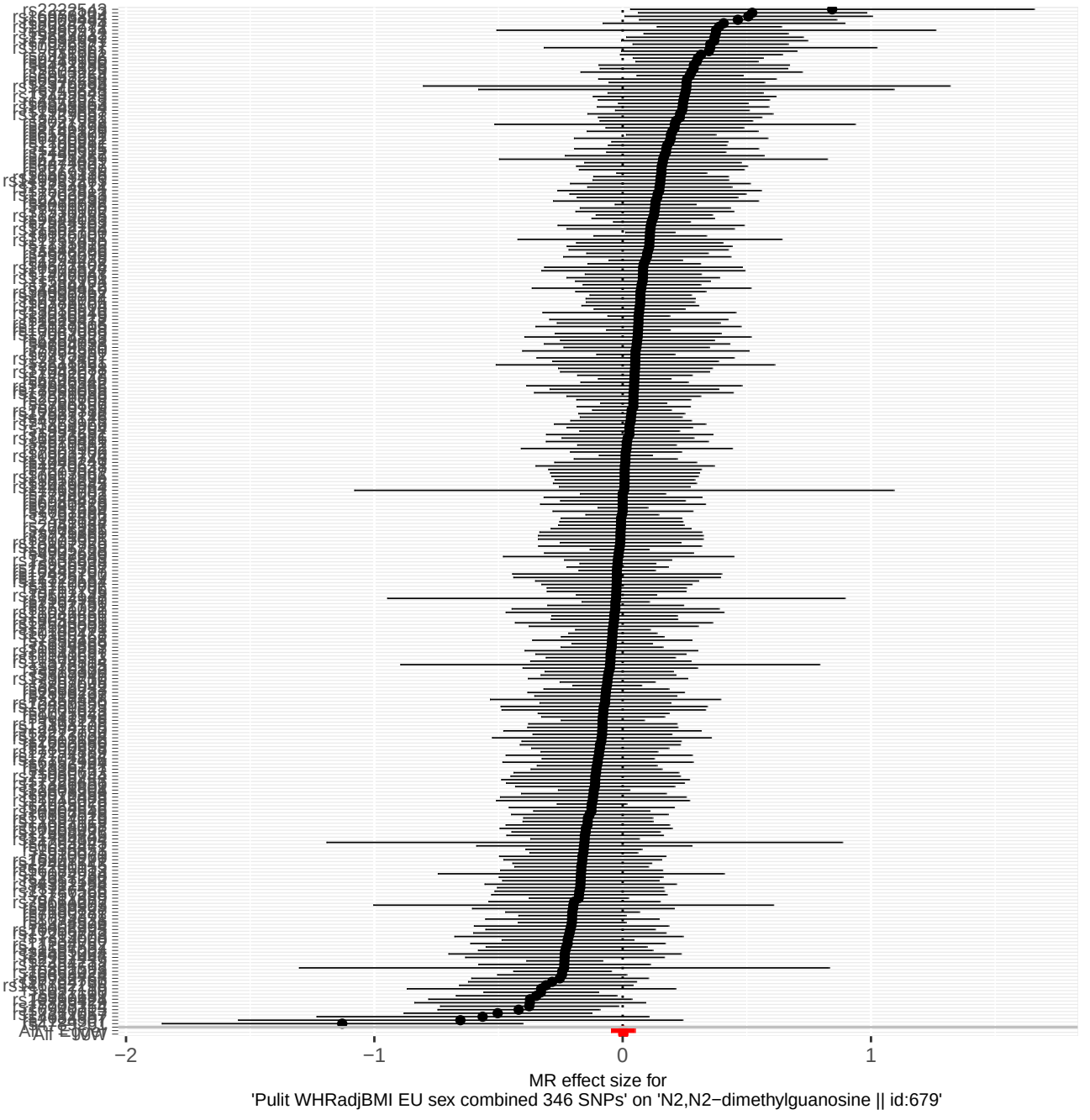

−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13183−−stearamide || id:674'

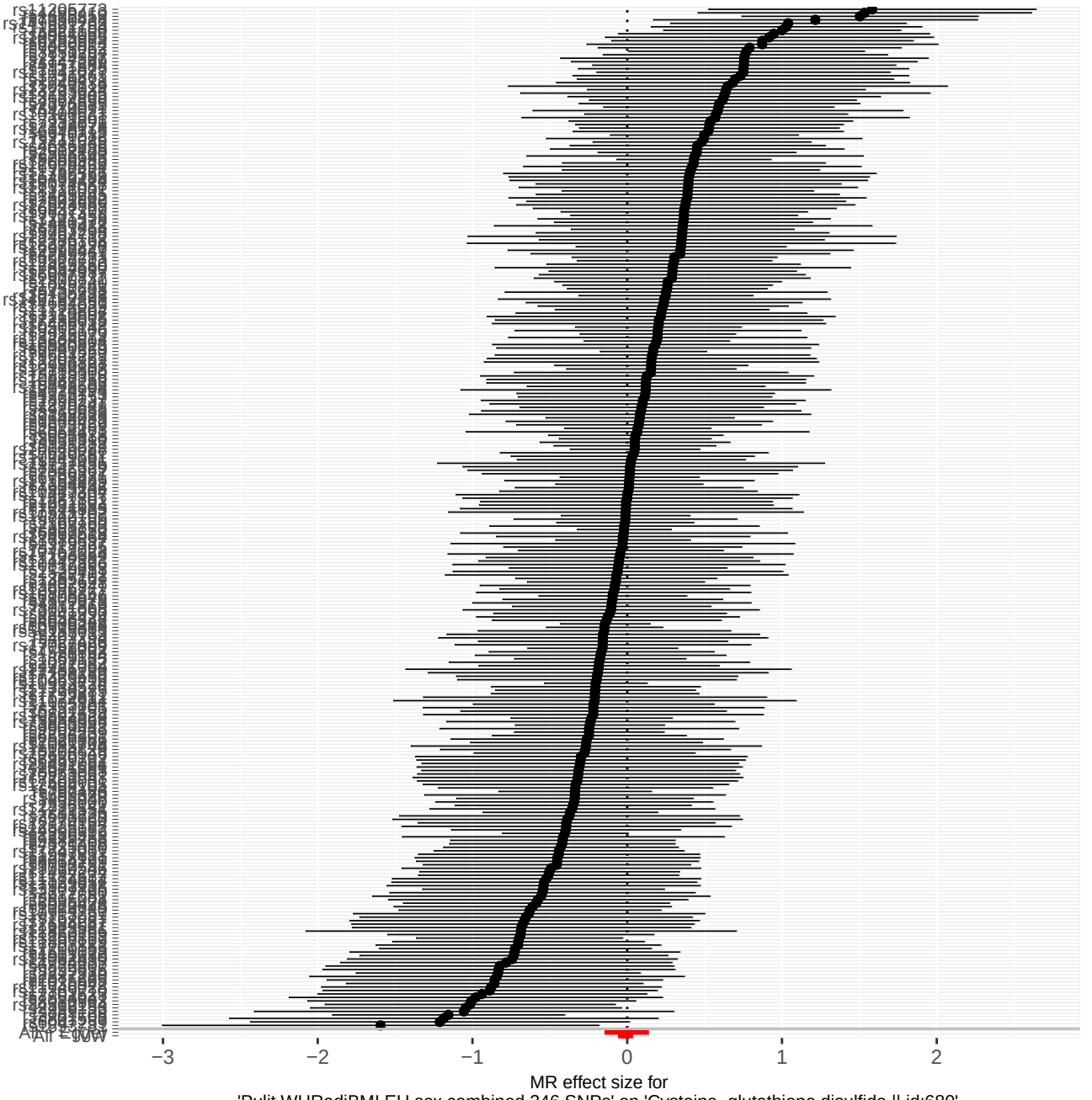

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13215 || id:675'

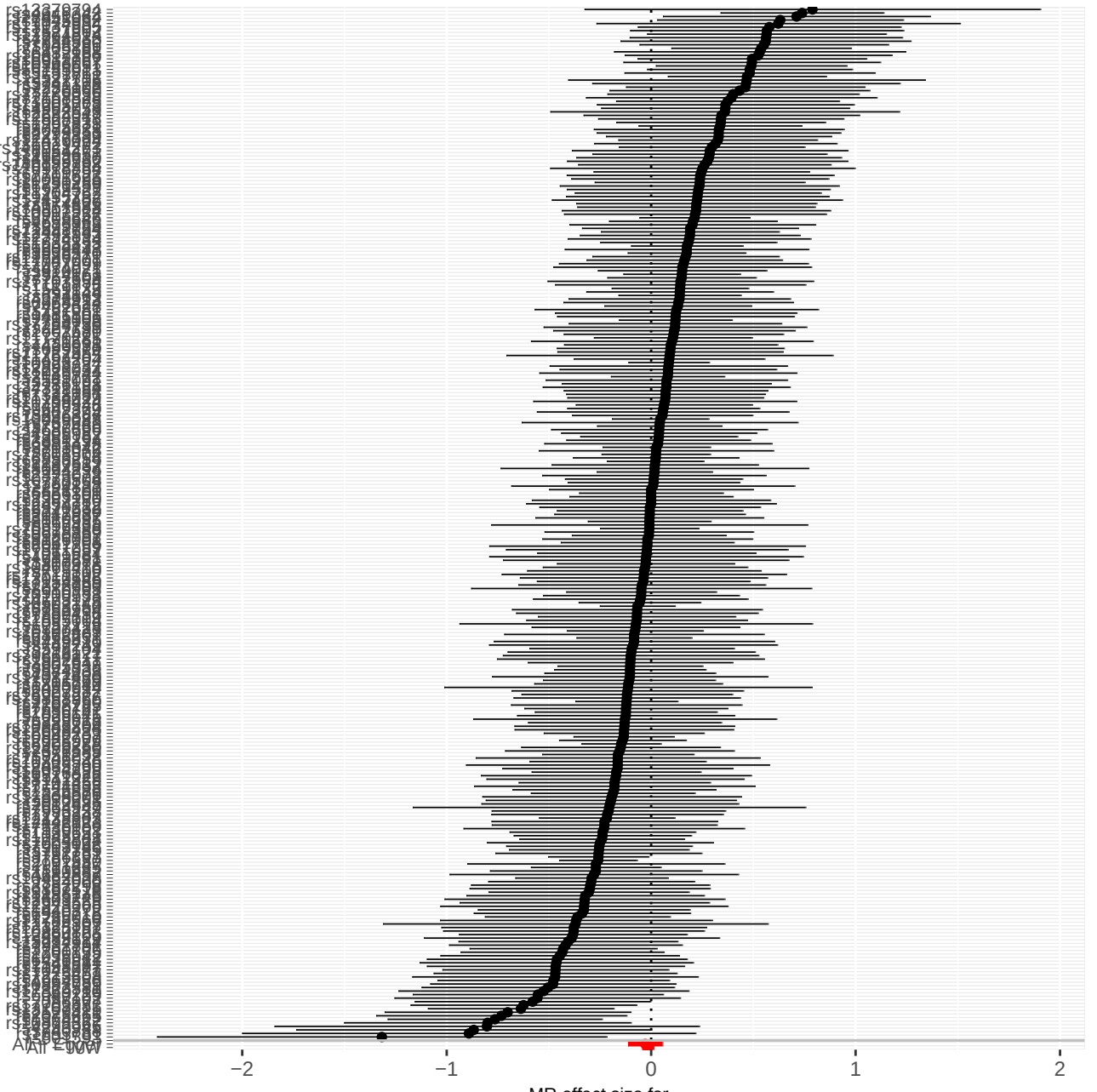

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '7−methylguanine || id:676'

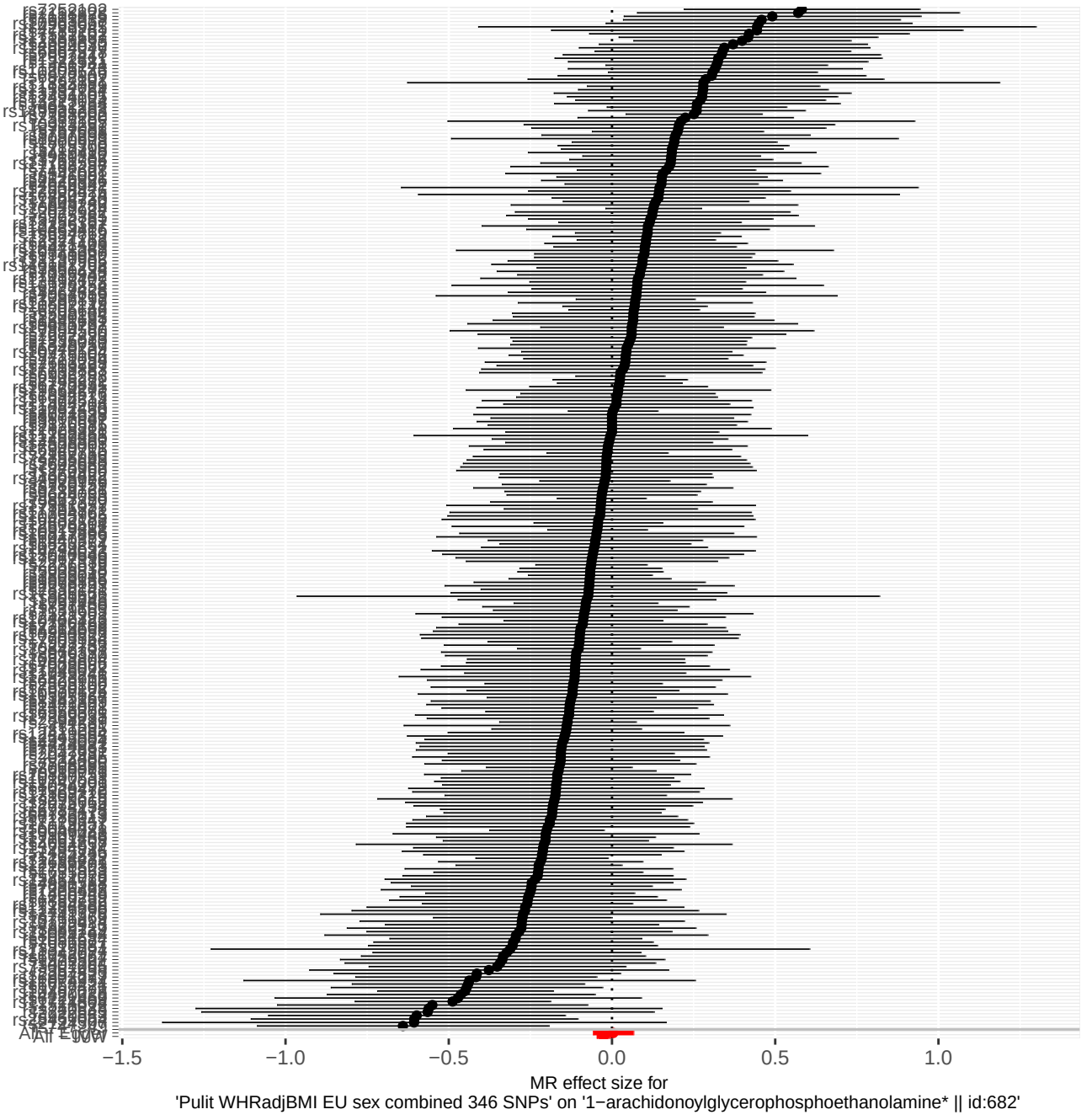

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Phenylacetylglutamine || id:677'

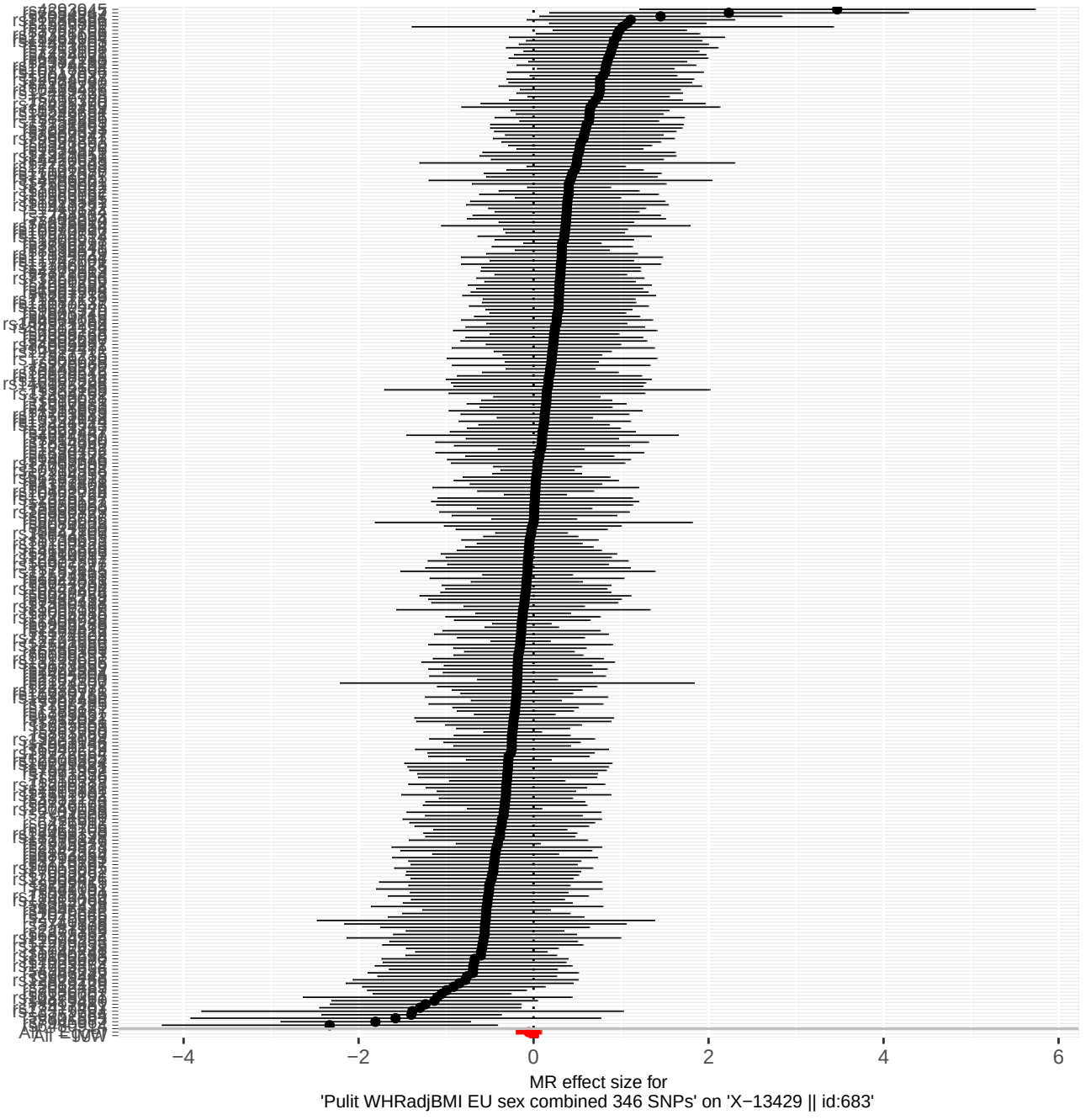

−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Pro−hydroxy−pro || id:678'

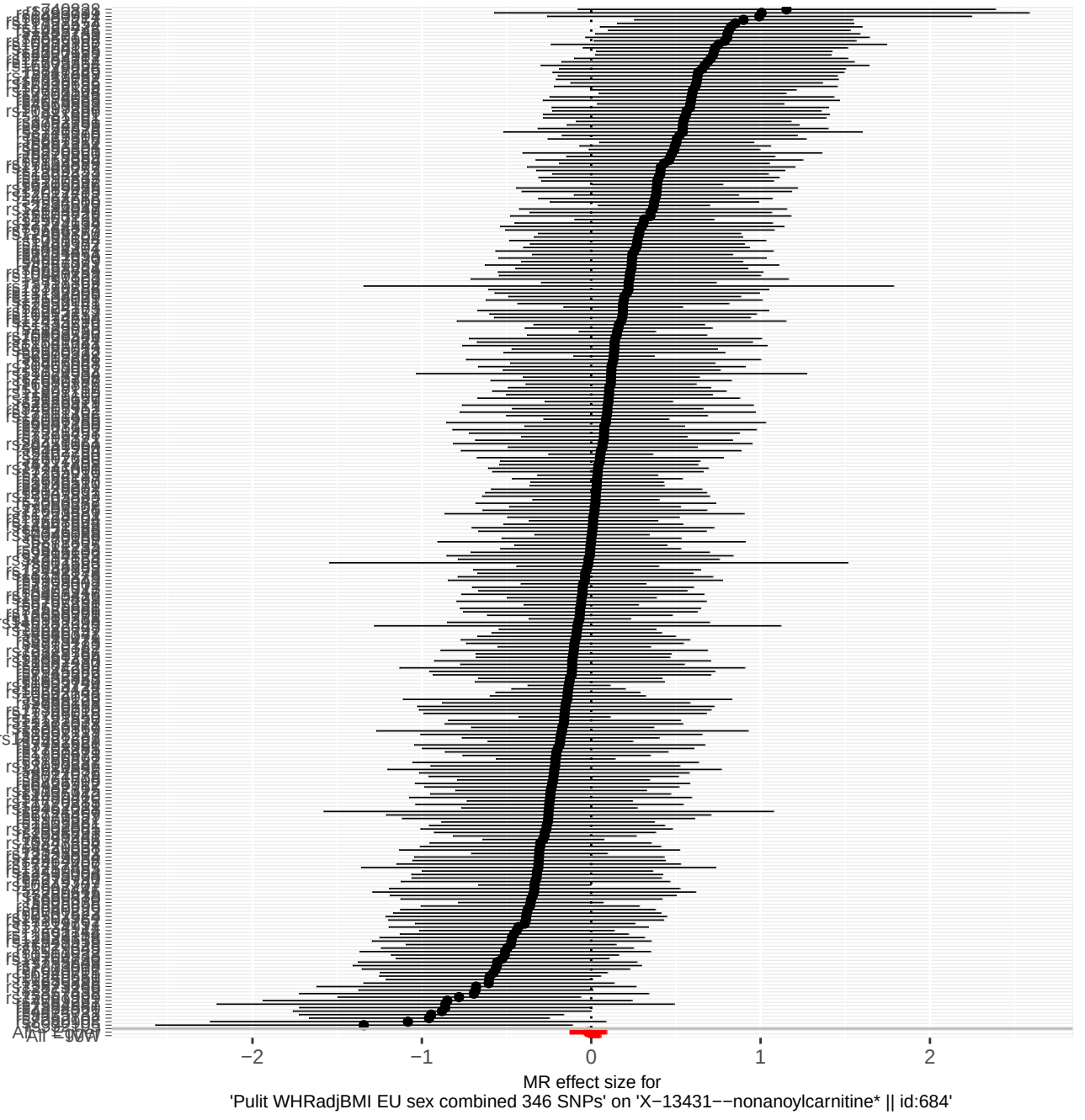

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'N2,N2−dimethylguanosine || id:679'

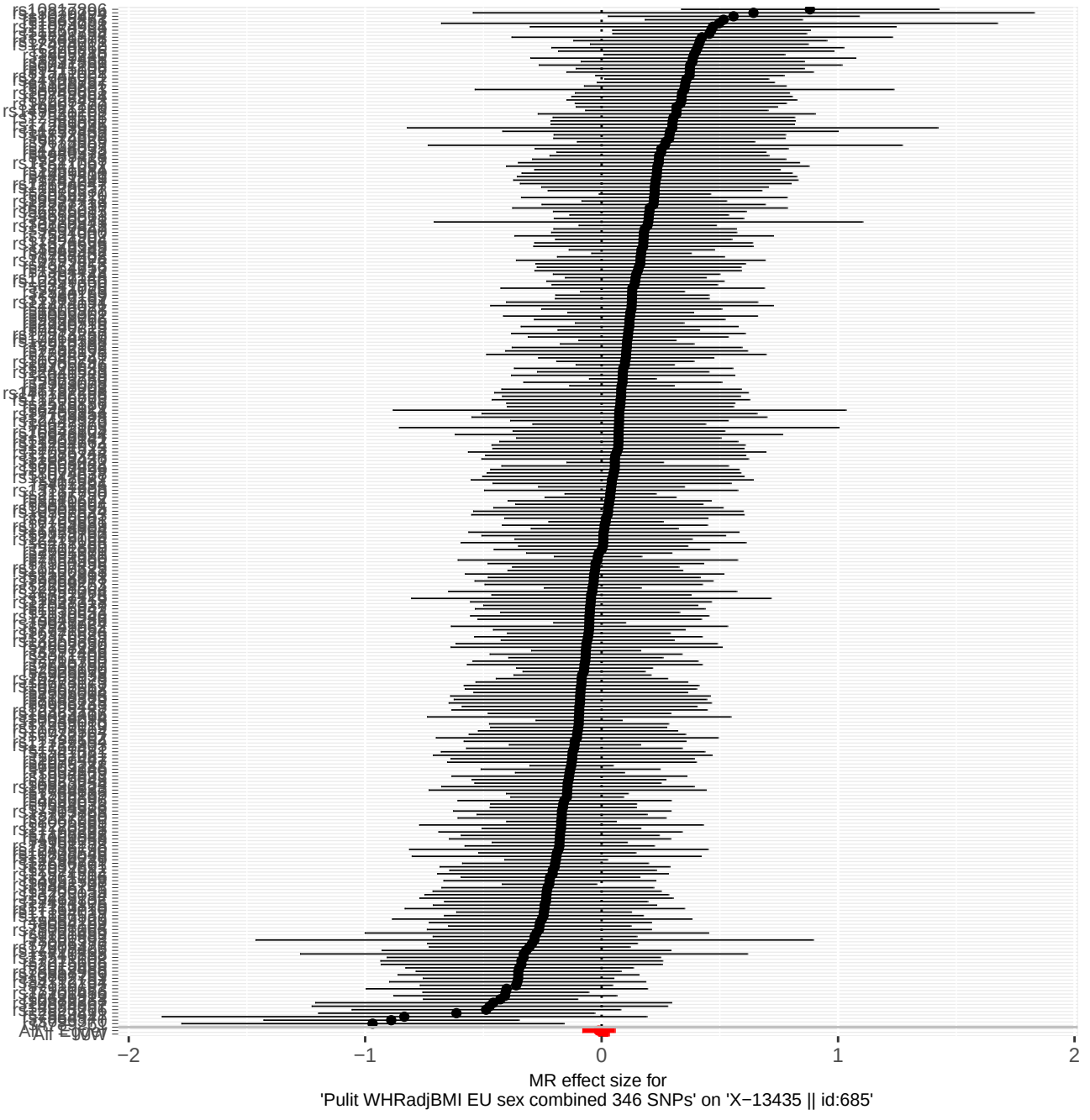

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Cysteine−glutathione disulfide || id:680'

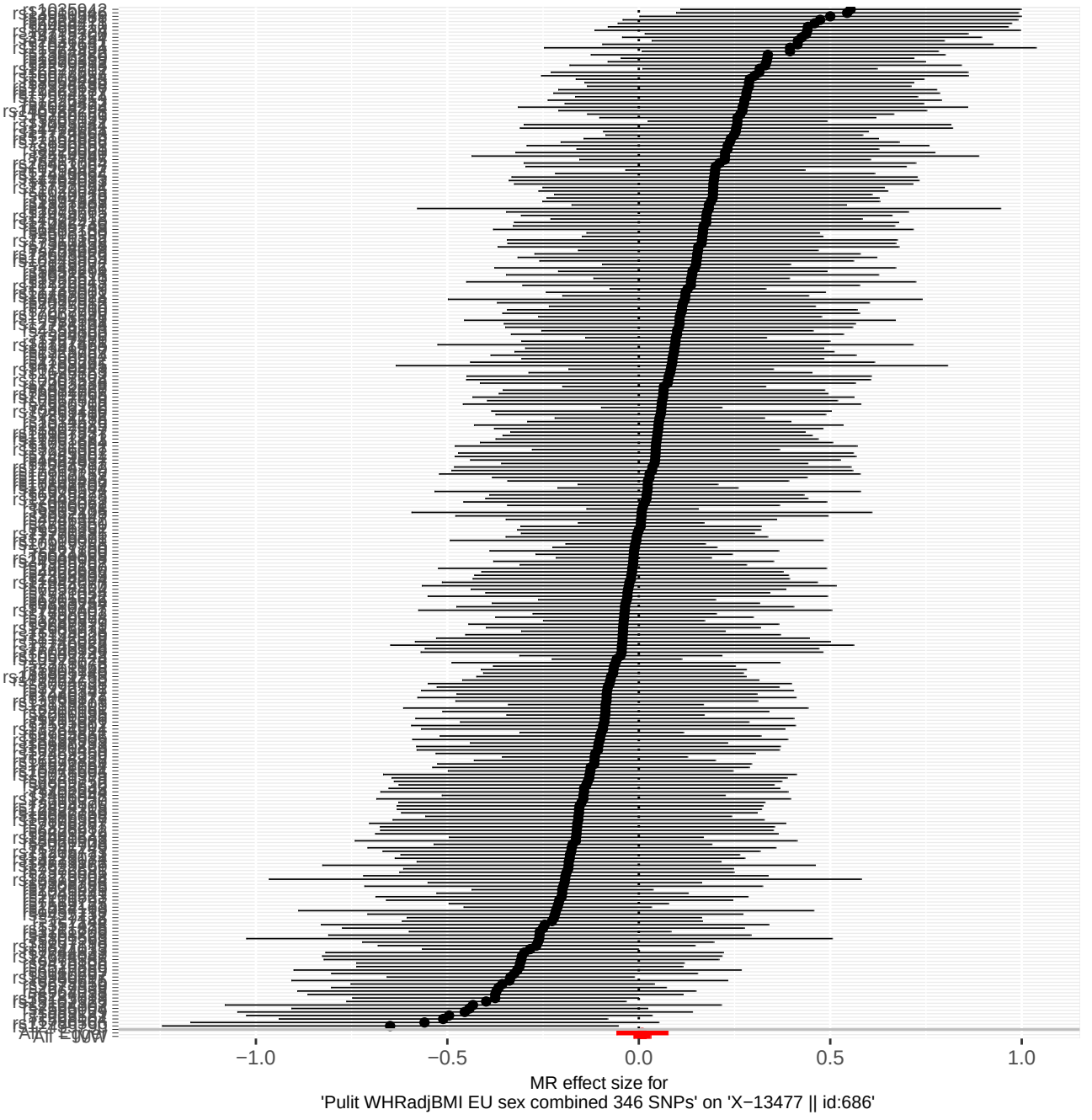

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Oleoylcarnitine || id:681'

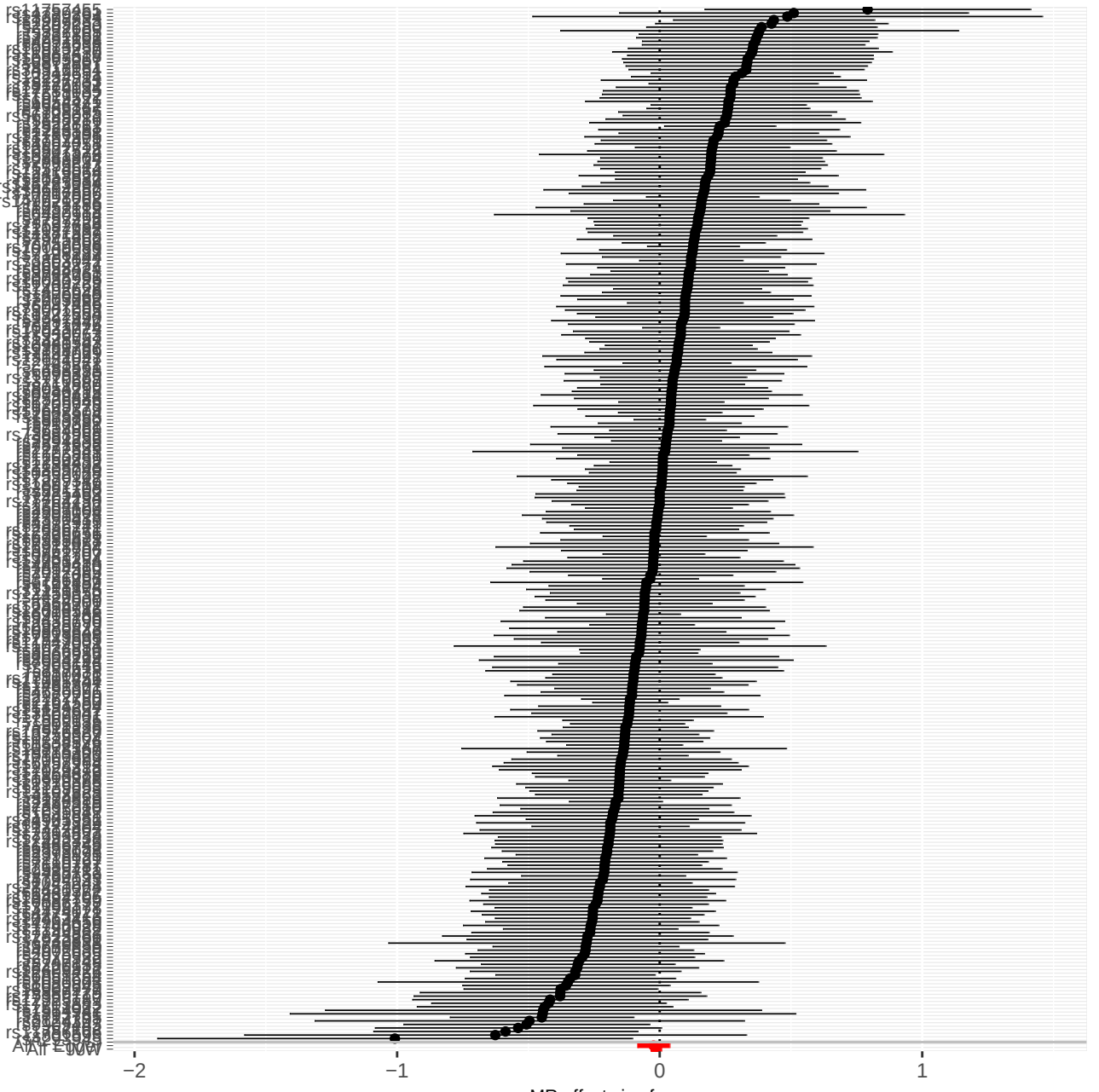

−1.5
−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−arachidonoylglycerophosphoethanolamine* || id:682'

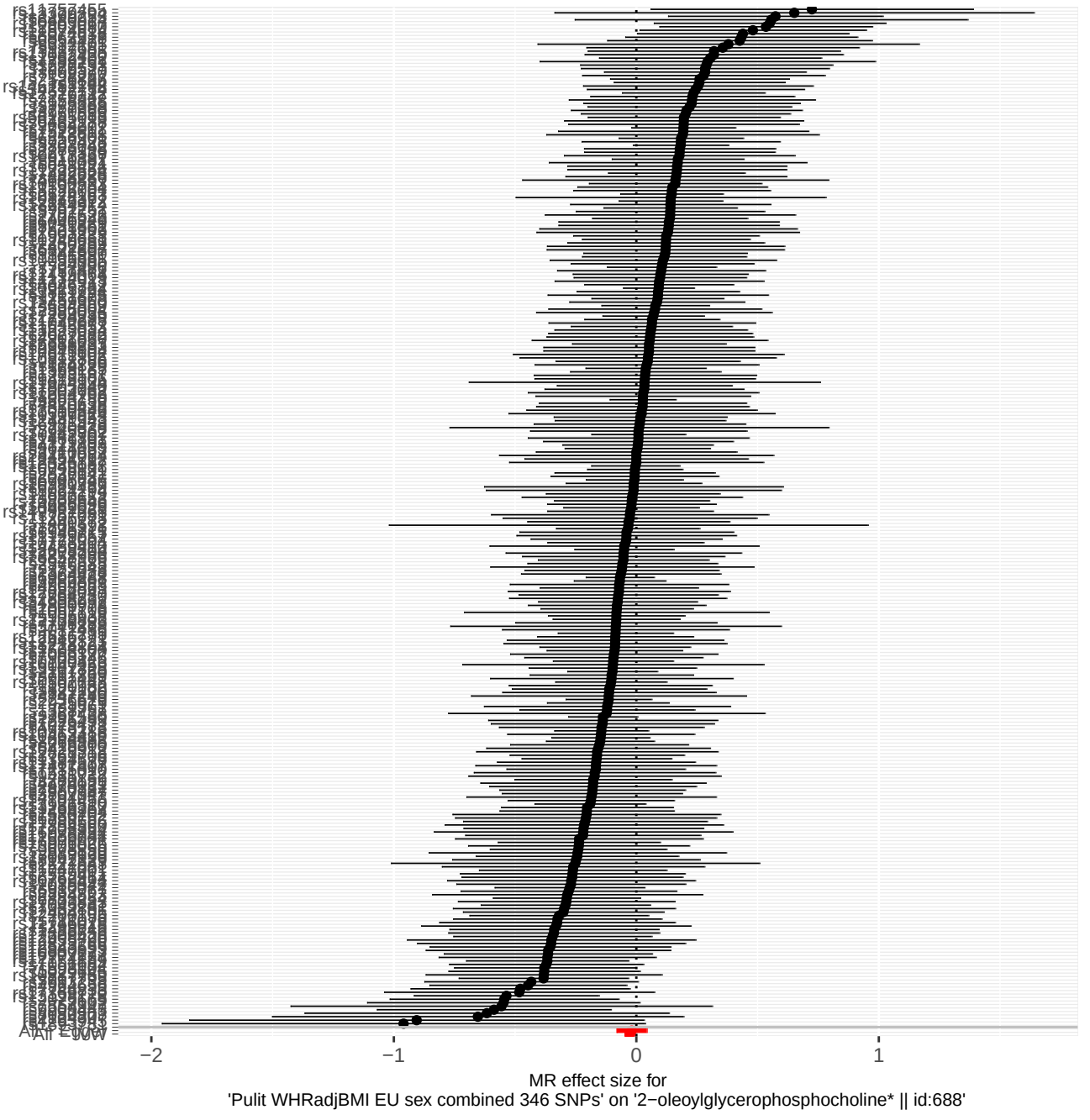

−4
−2
0
2
4
6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13429 || id:683'

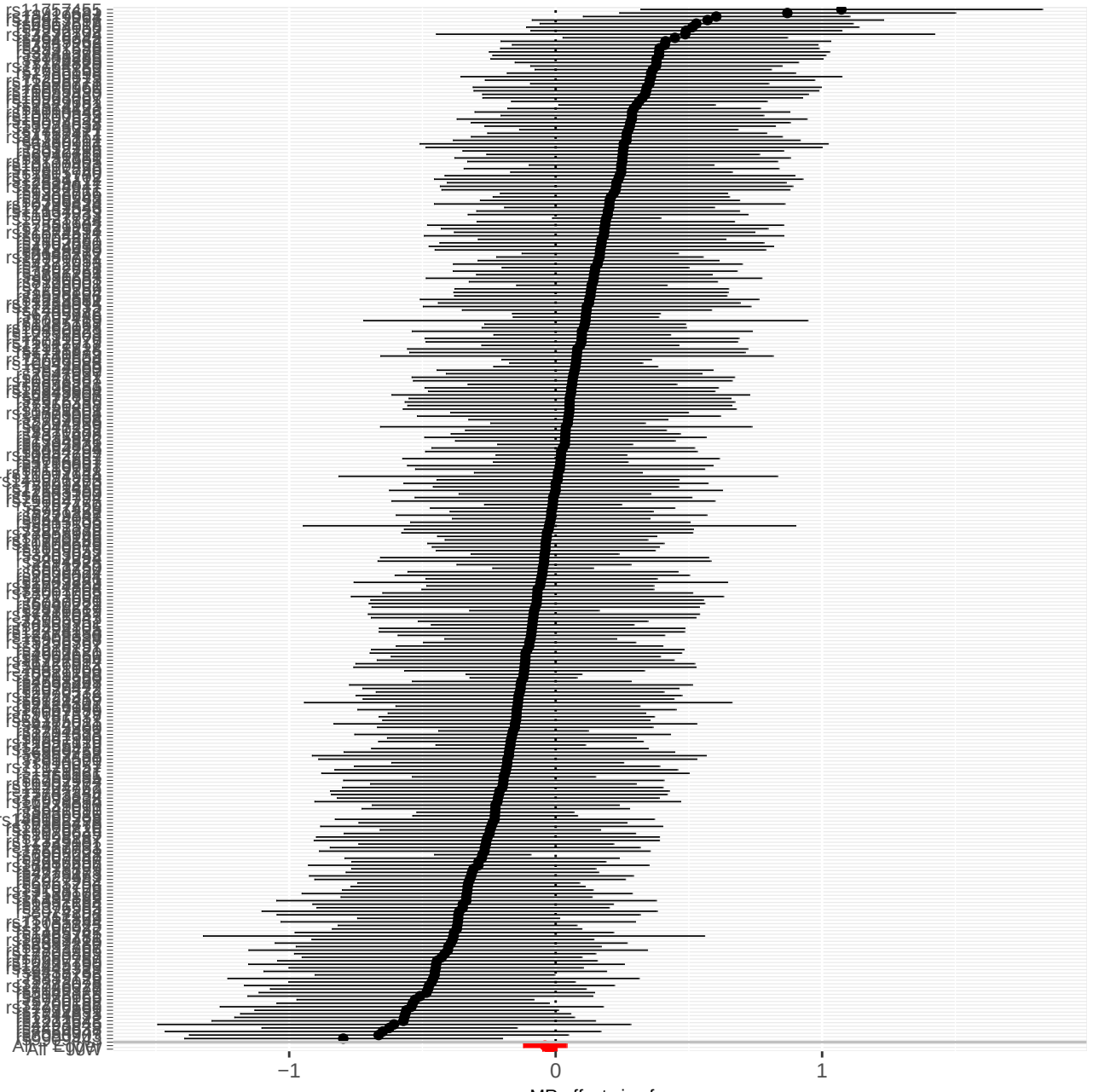

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13431−−nonanoylcarnitine* || id:684'

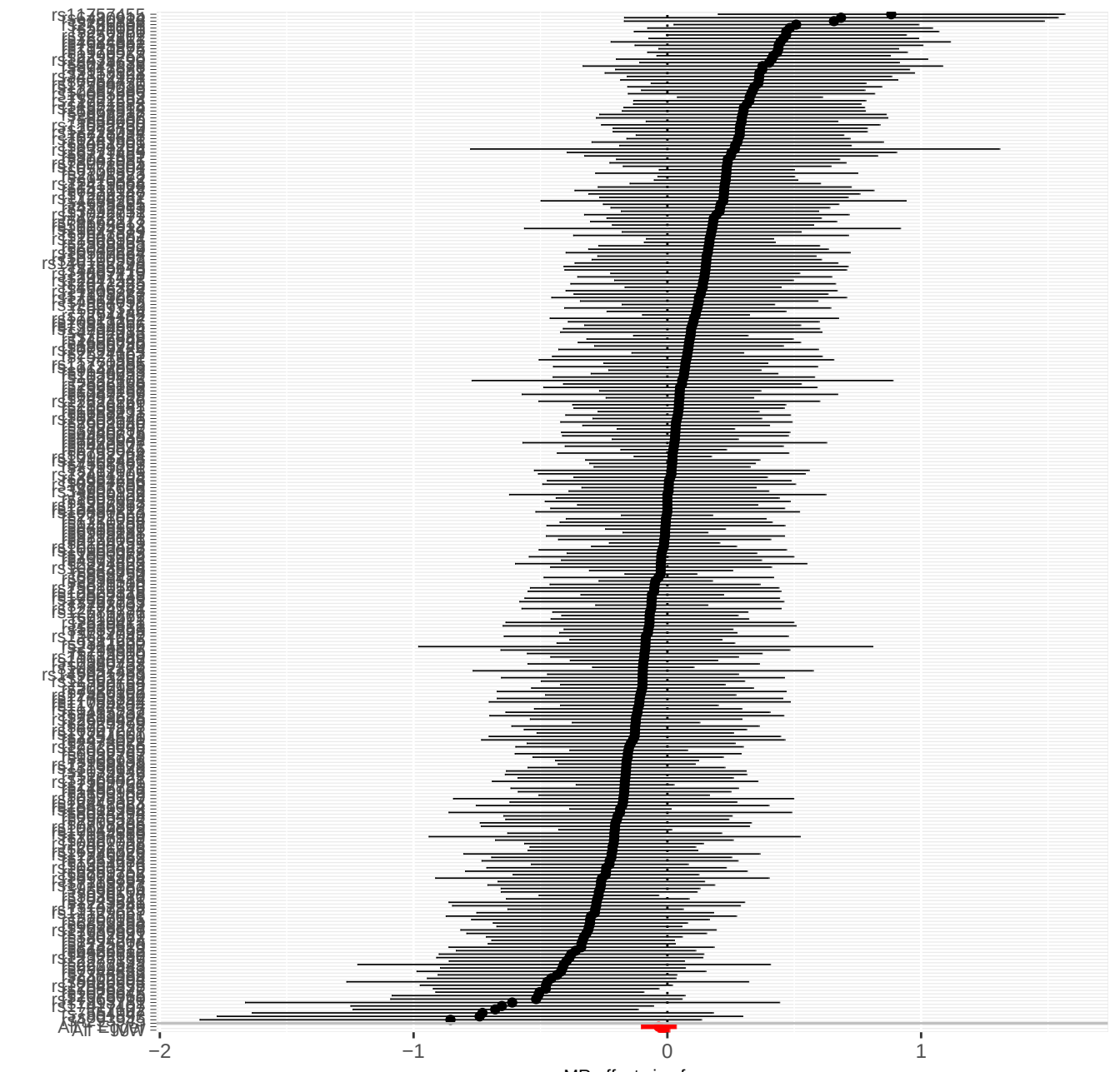

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13435 || id:685'

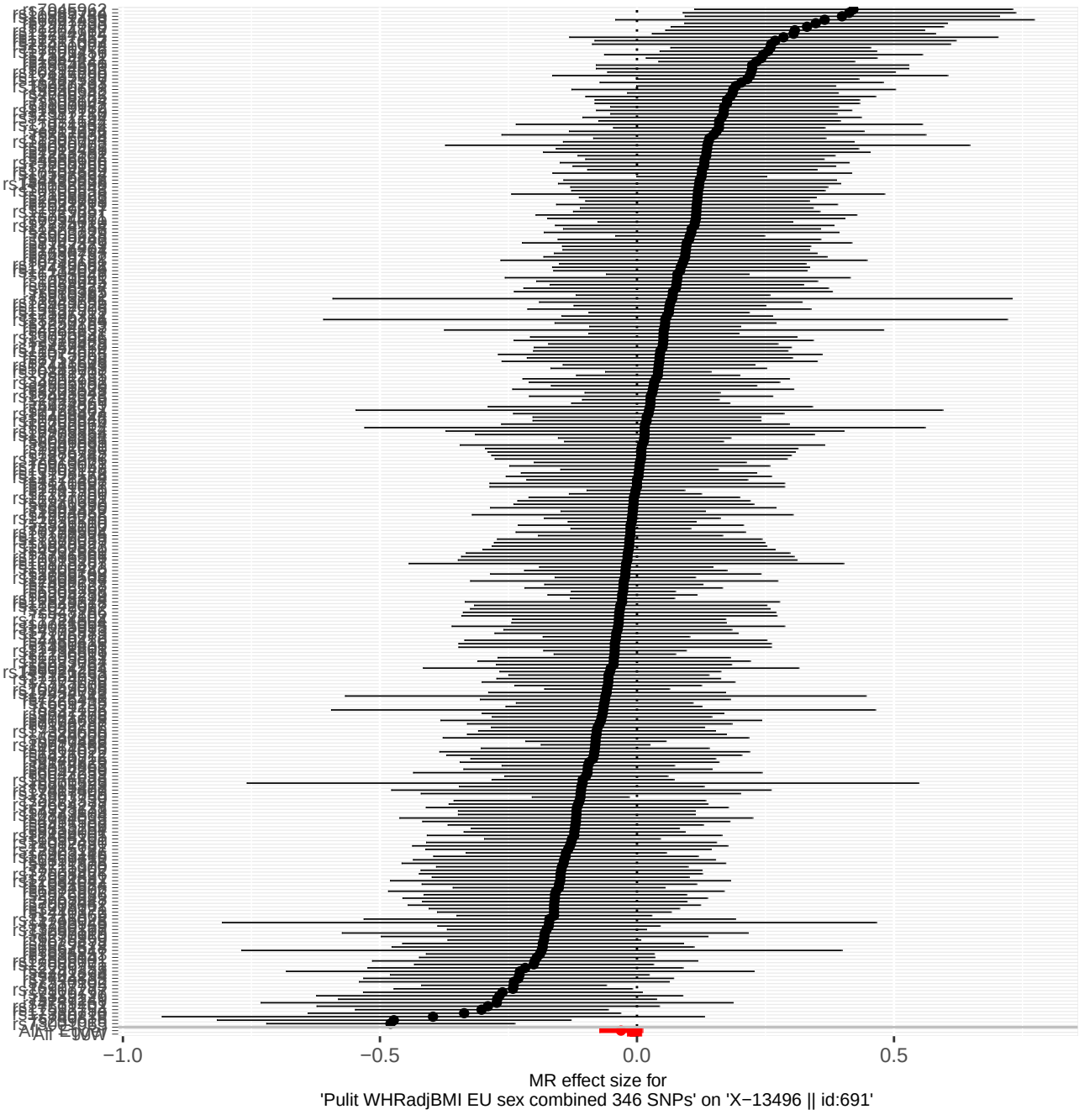

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13477 || id:686'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−palmitoylglycerophosphocholine* || id:687'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−oleoylglycerophosphocholine* || id:688'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−stearoylglycerophosphocholine* || id:689'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−linoleoylglycerophosphocholine* || id:690'


−1.0
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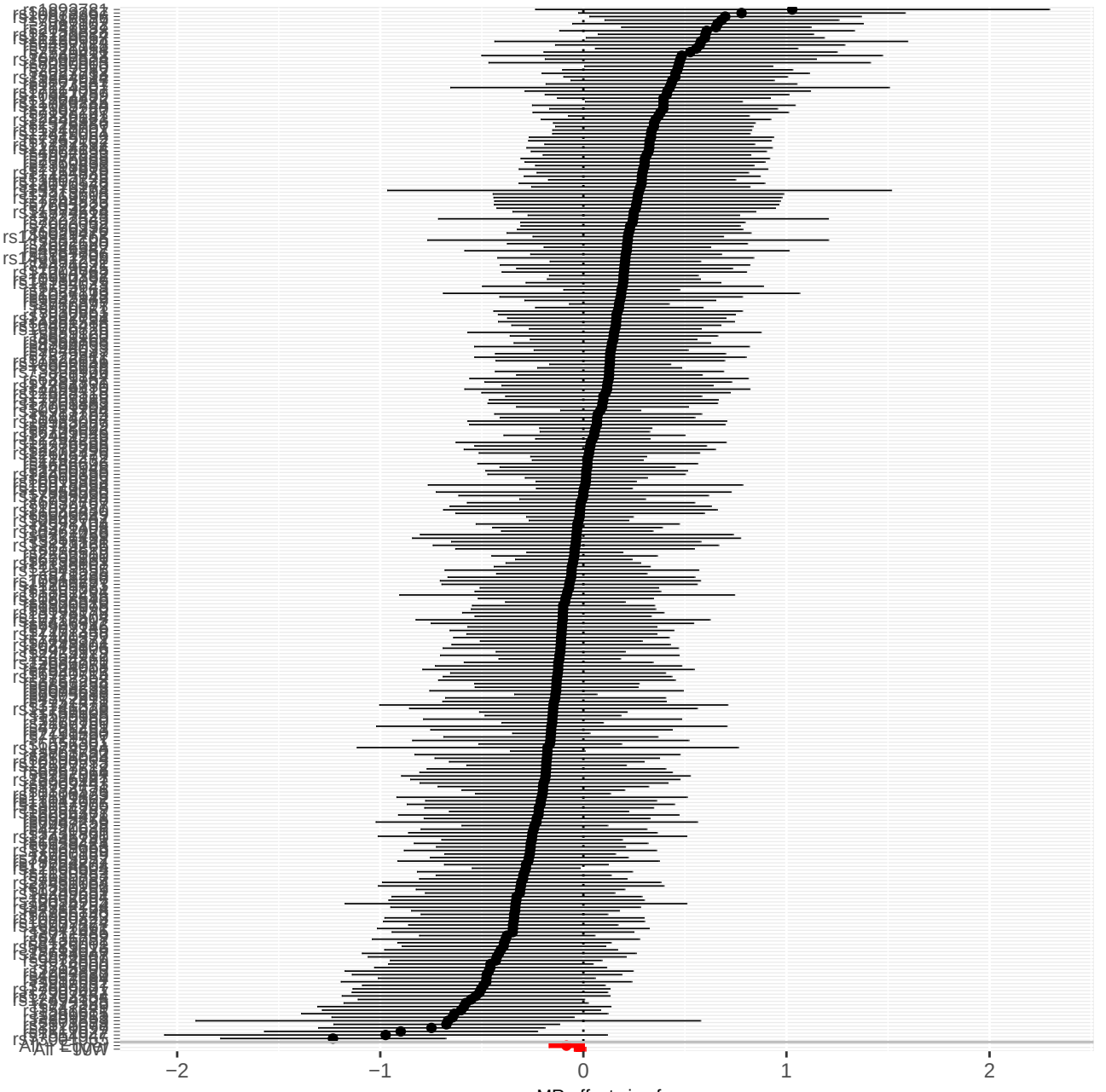
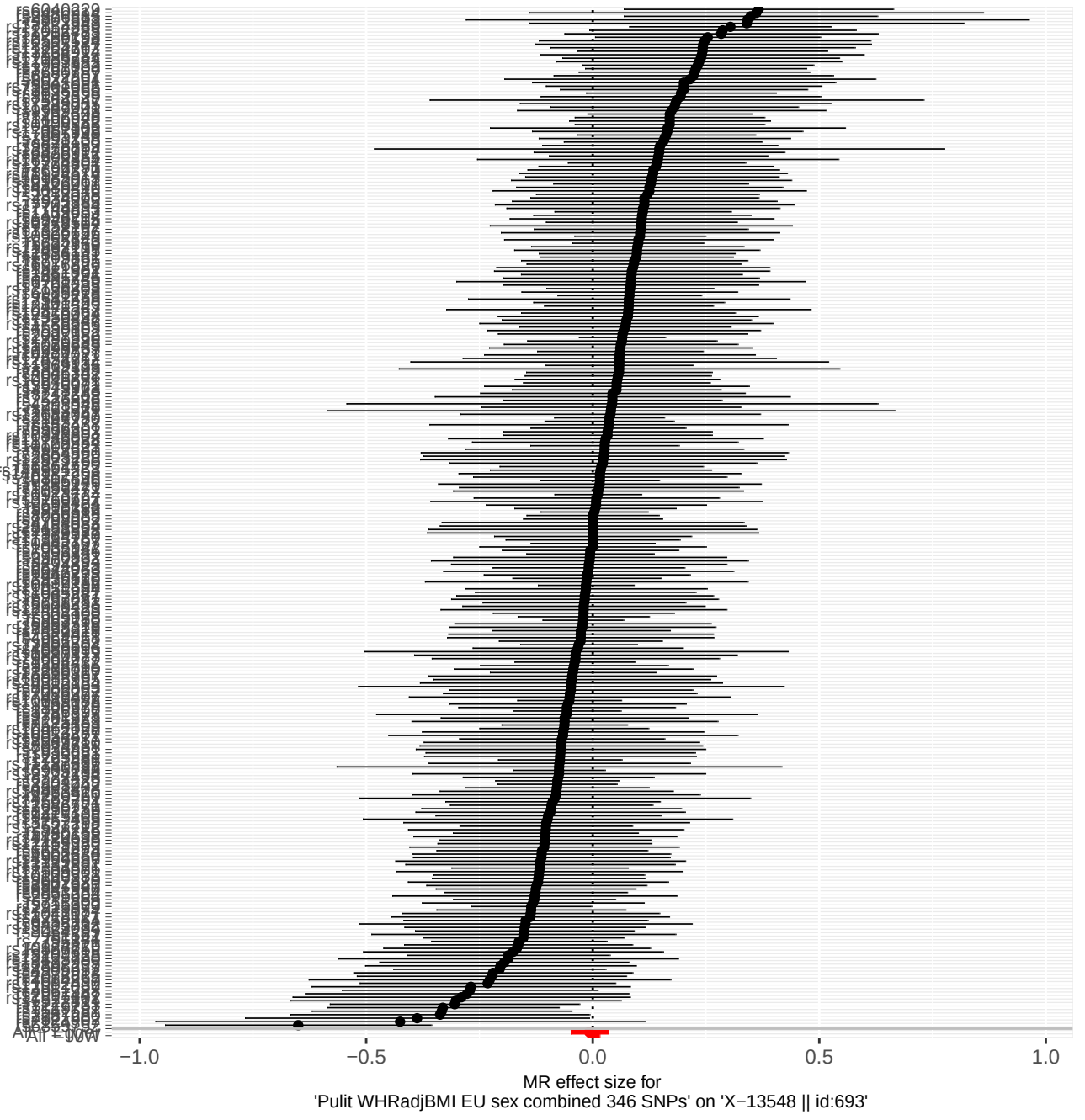
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13496 || id:691'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−palmitoylglycerophosphoinositol* || id:692'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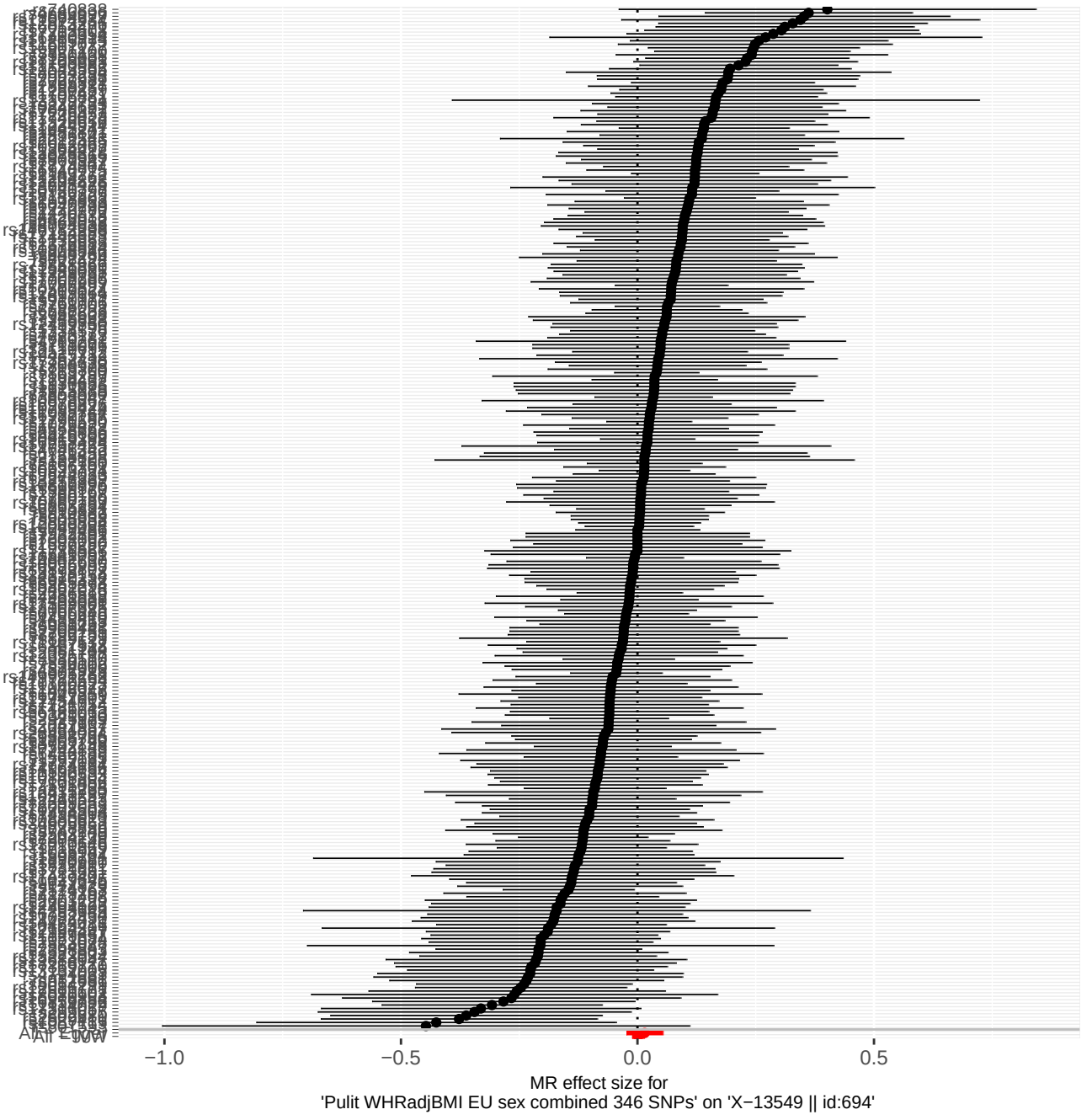
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13548 || id:693'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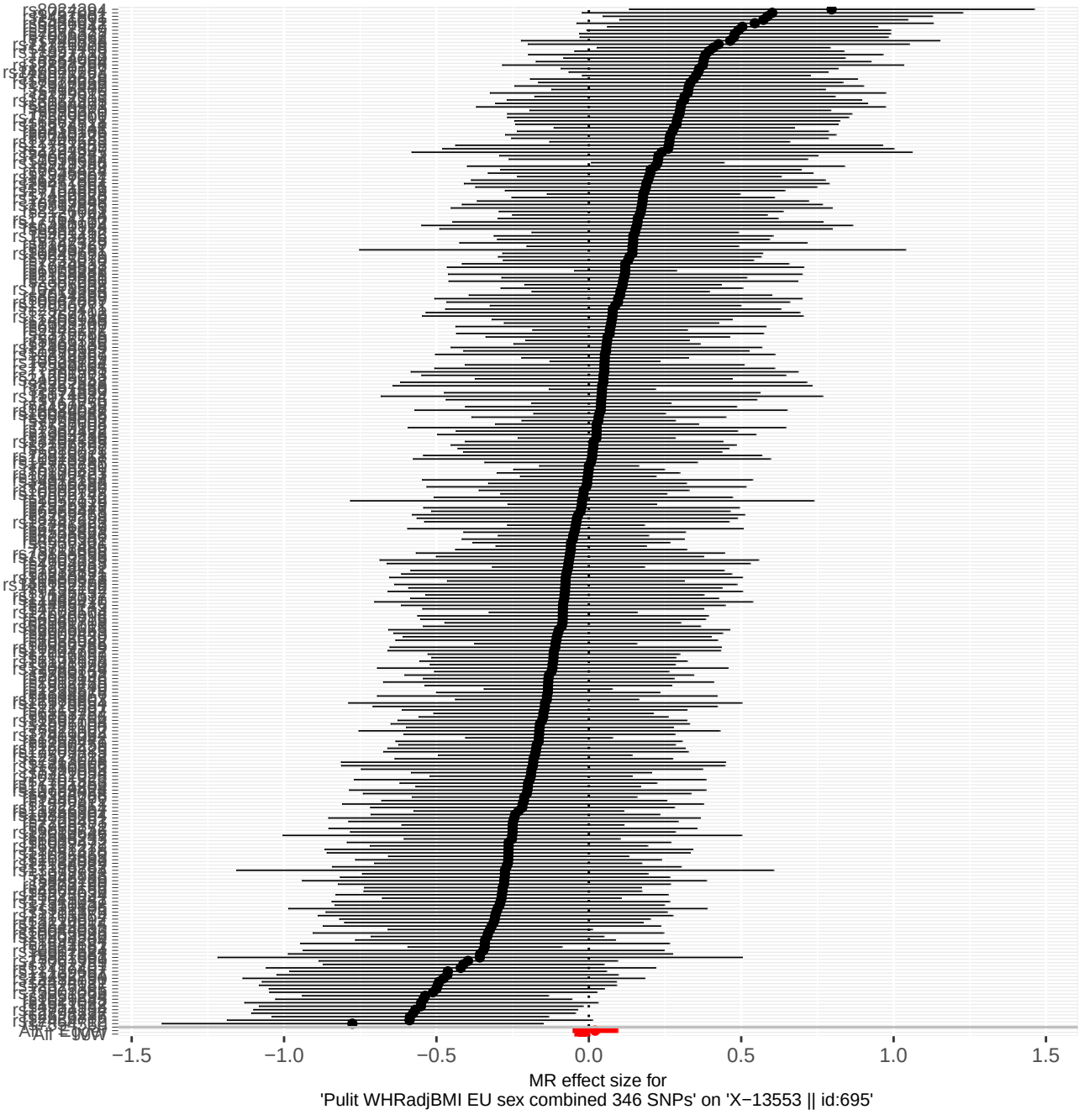
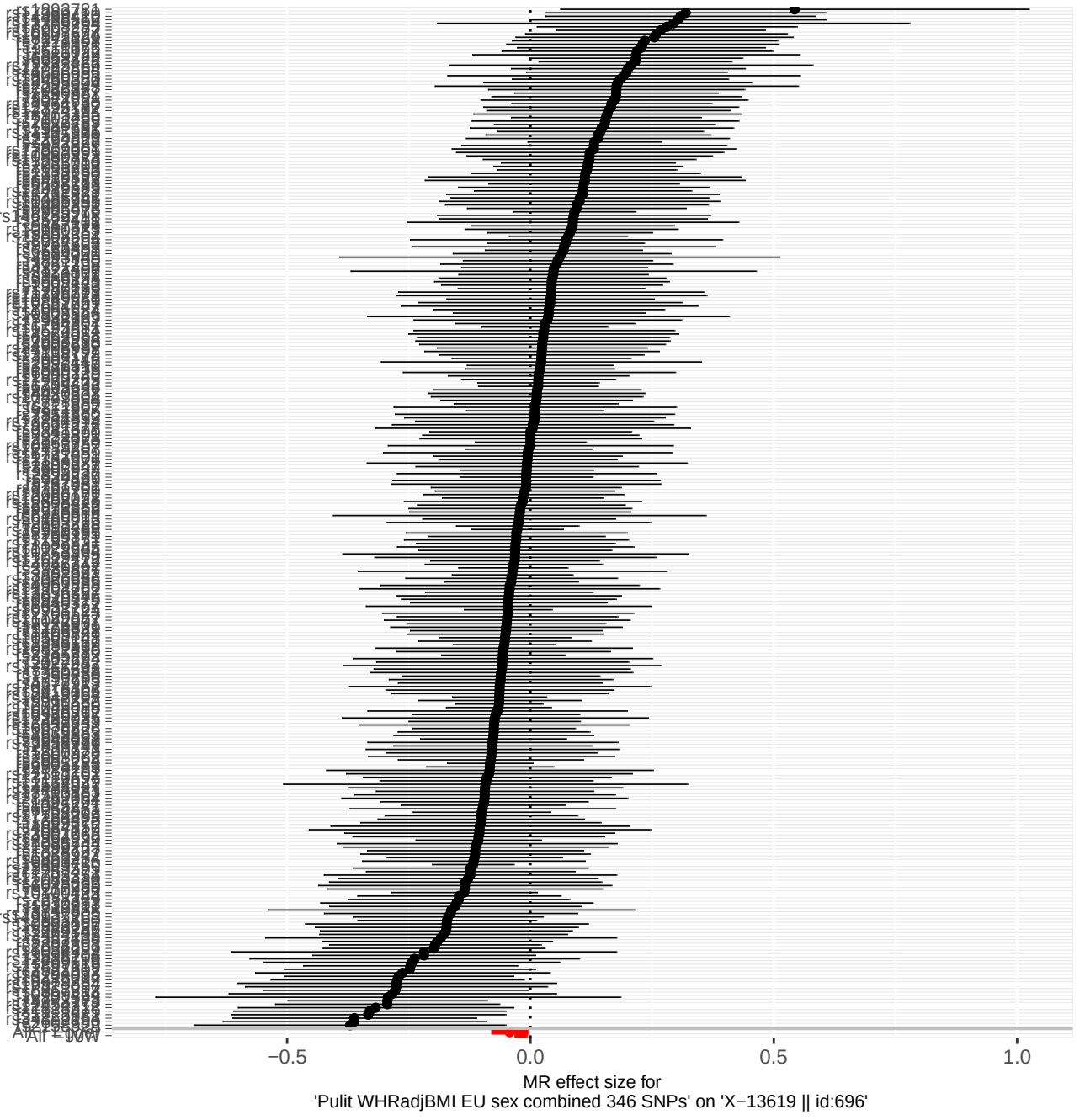
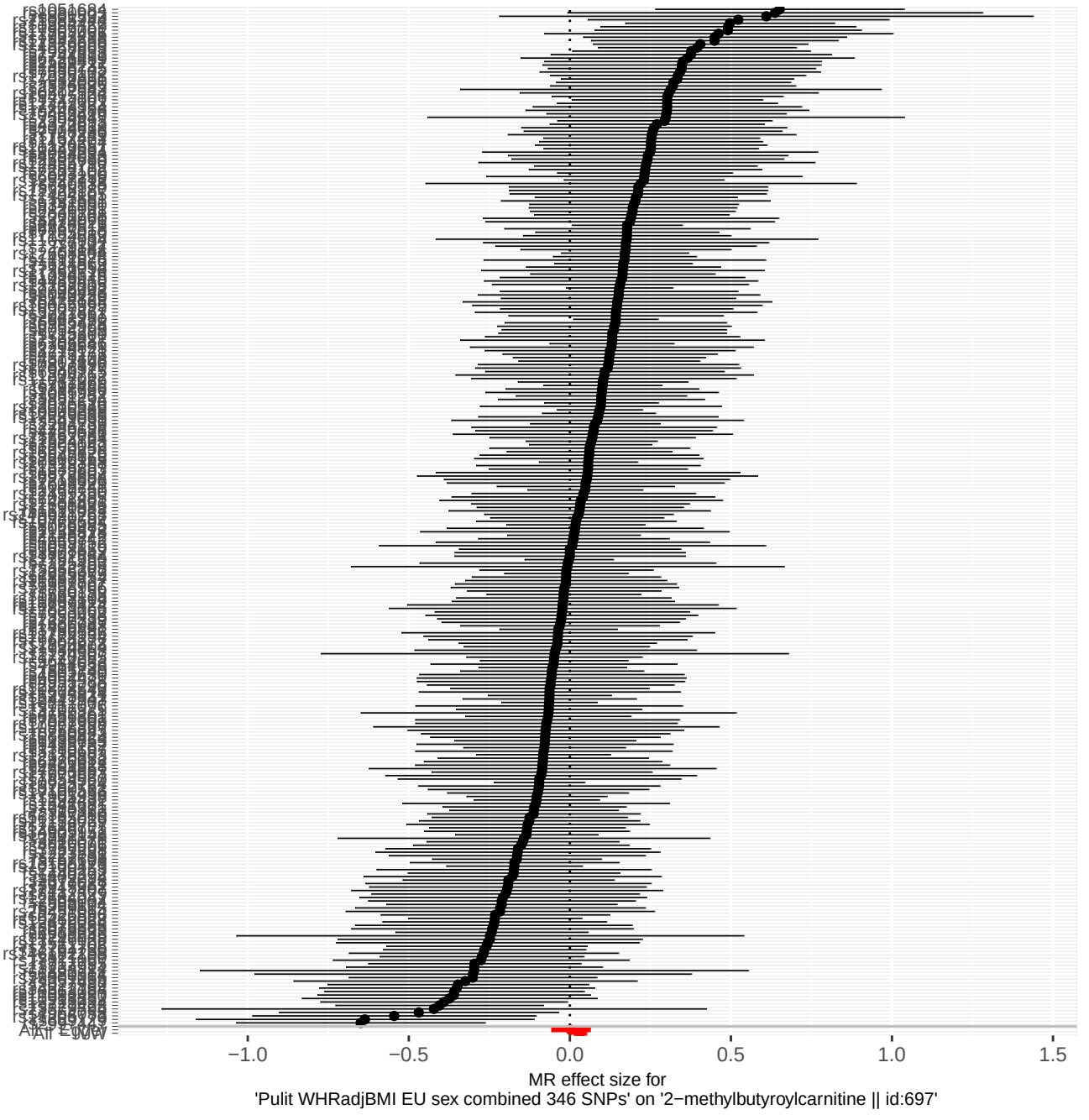
−0.5
0.0
0.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13549 || id:694'


−1.5
−1.0
−0.5
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13553 || id:695'


−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13619 || id:696'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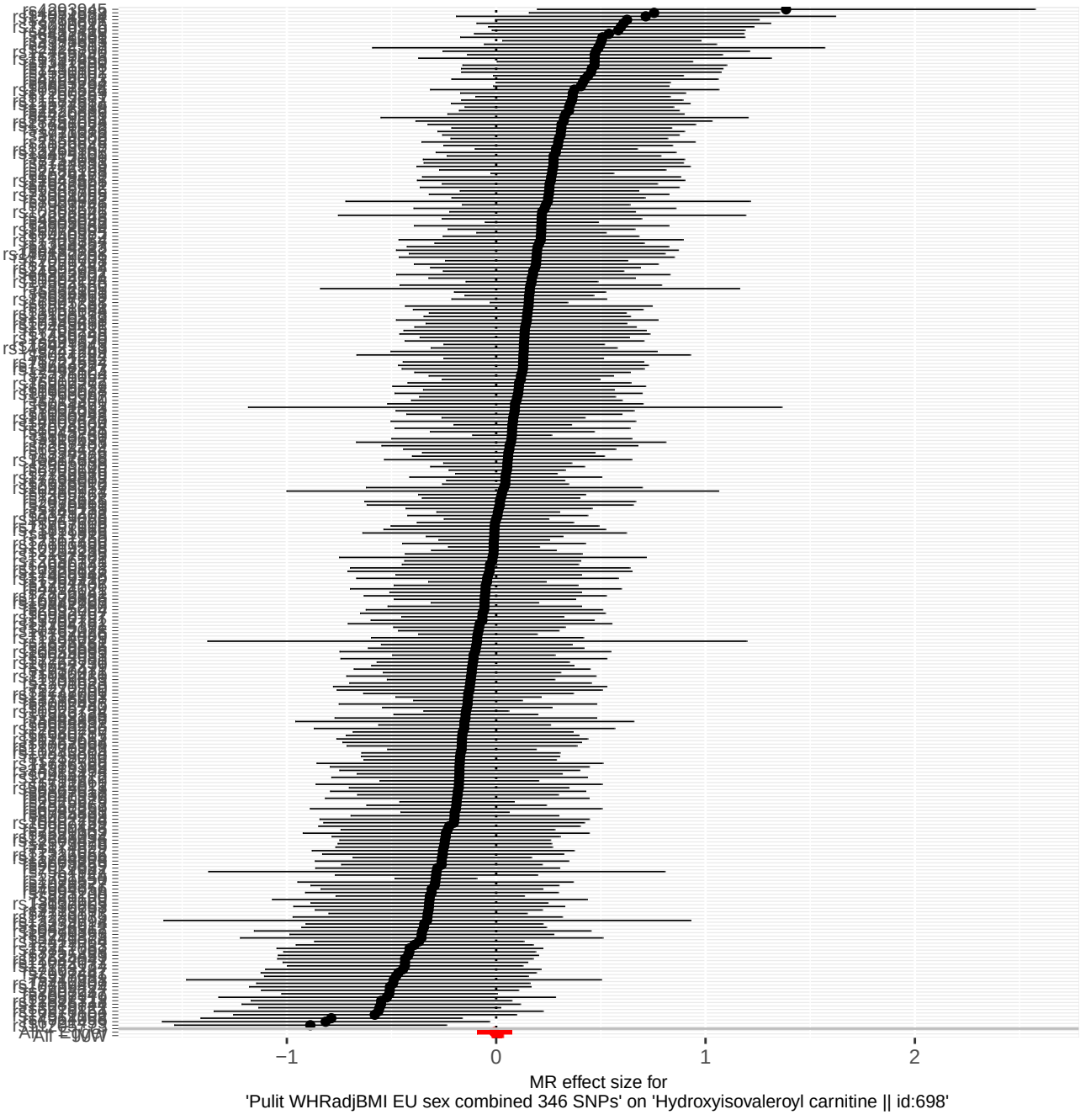
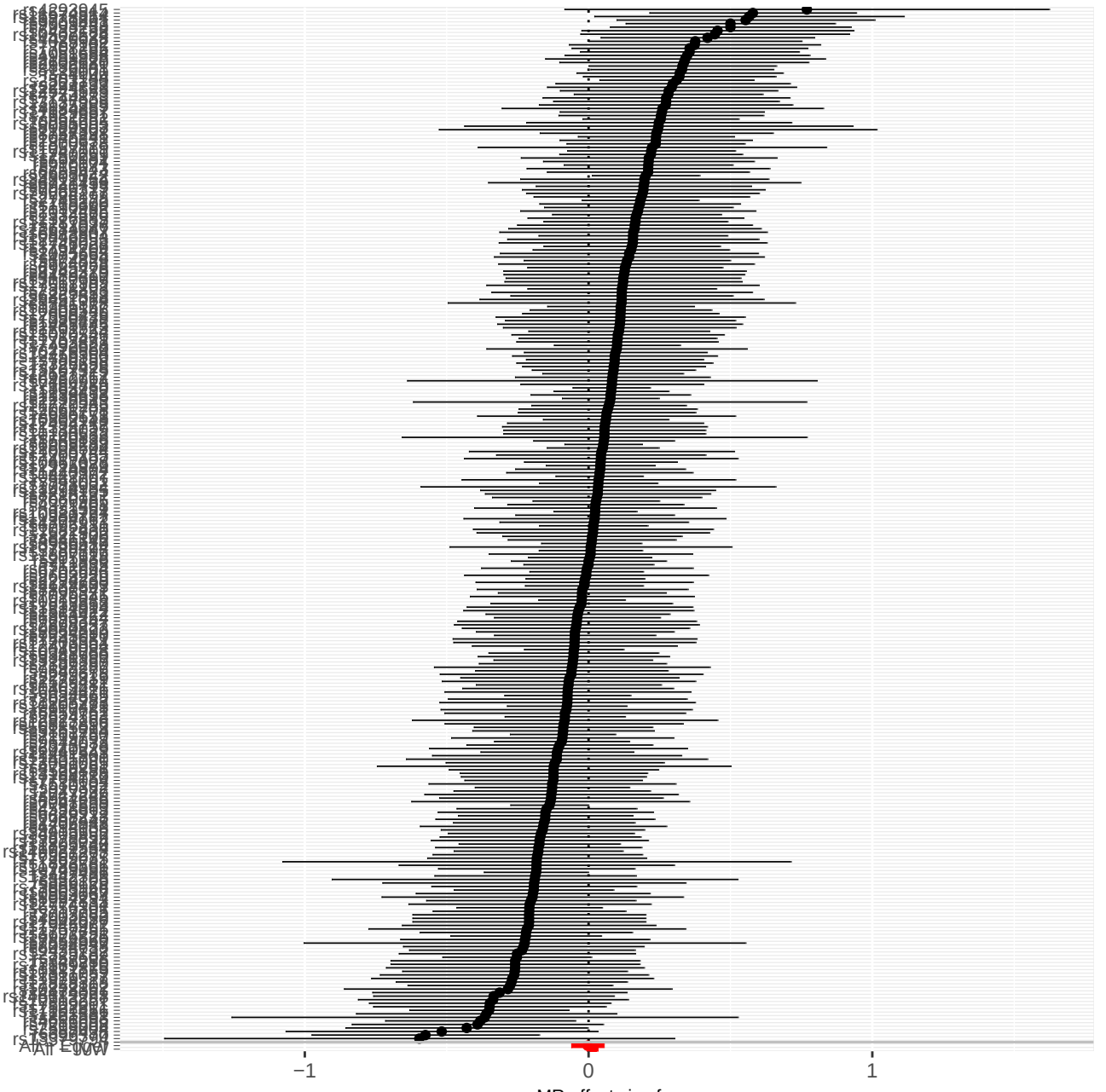
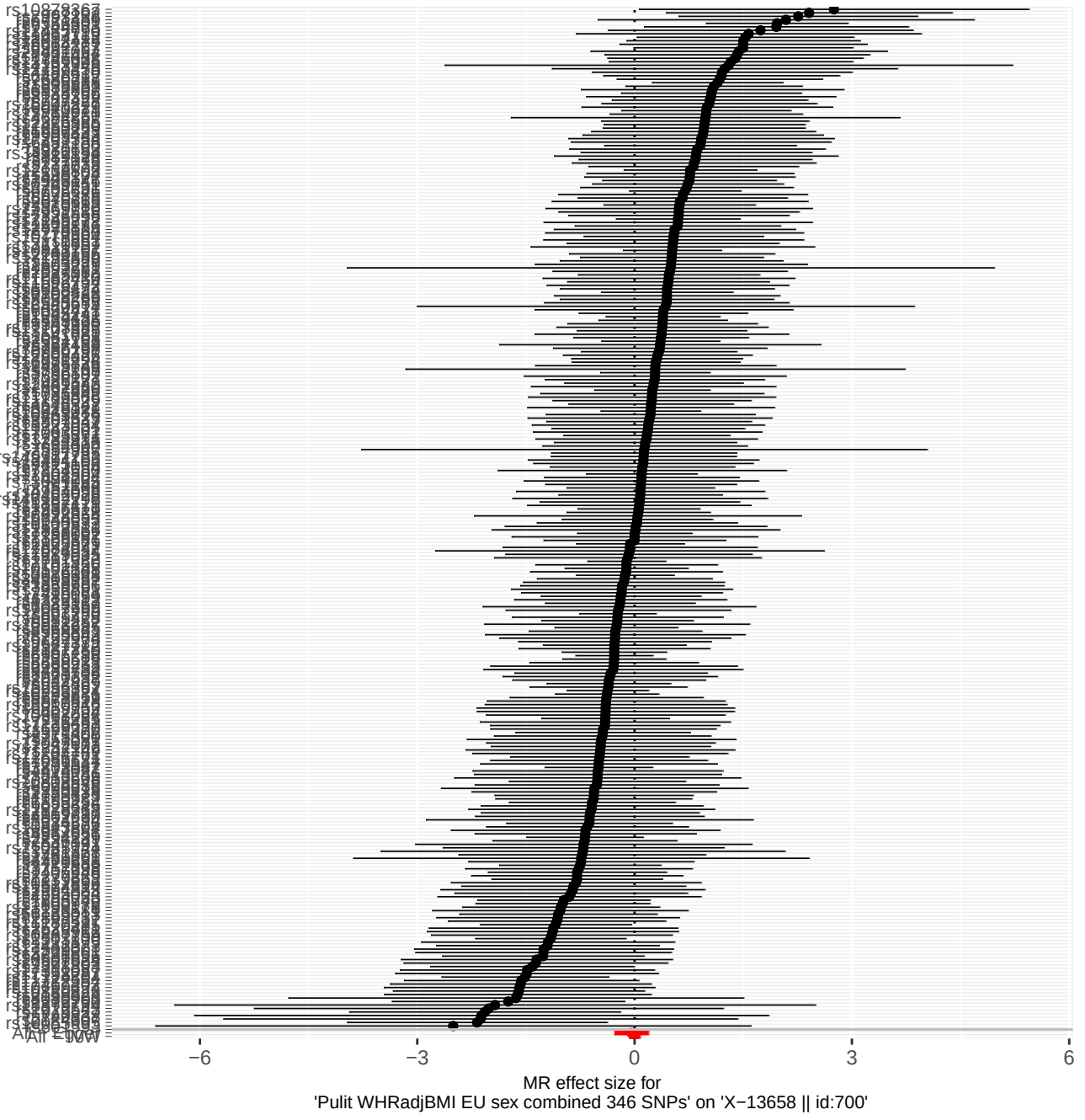
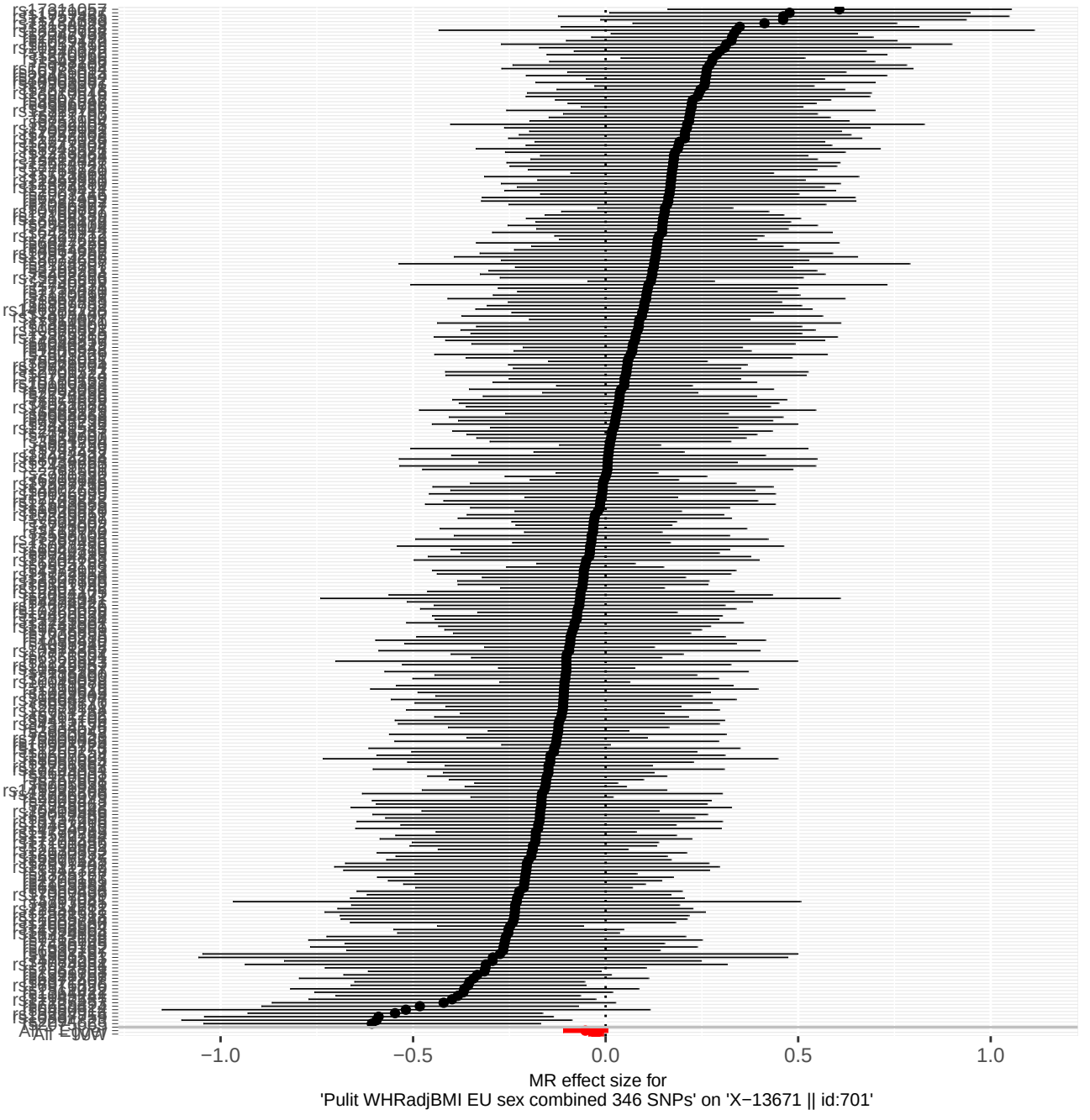
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−methylbutyroylcarnitine || id:697'


−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Hydroxyisovaleroyl carnitine || id:698'


All - IVW
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Glutaroyl carnitine || id:699'


−6
−3
0
3
6
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13658 || id:700'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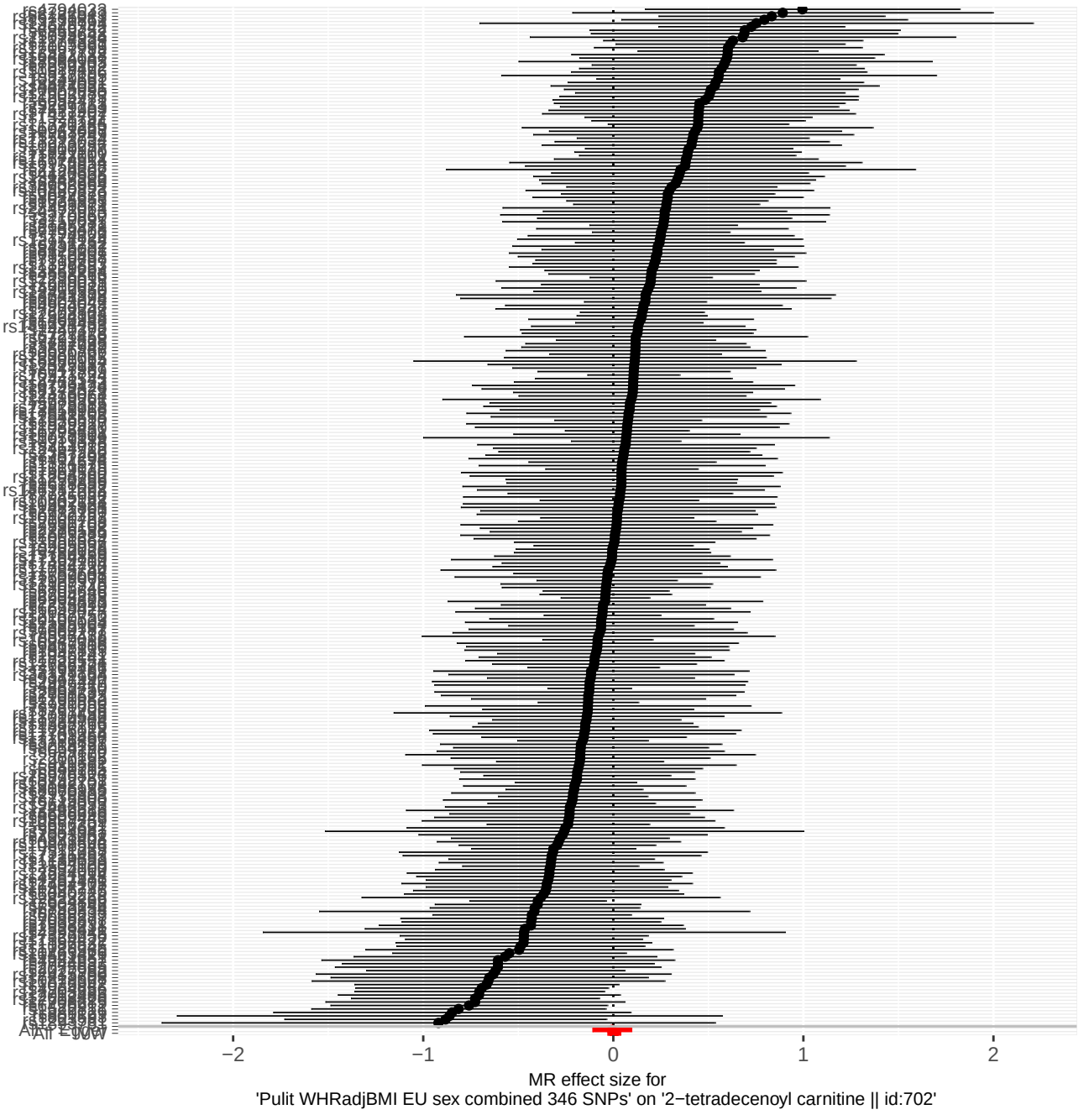
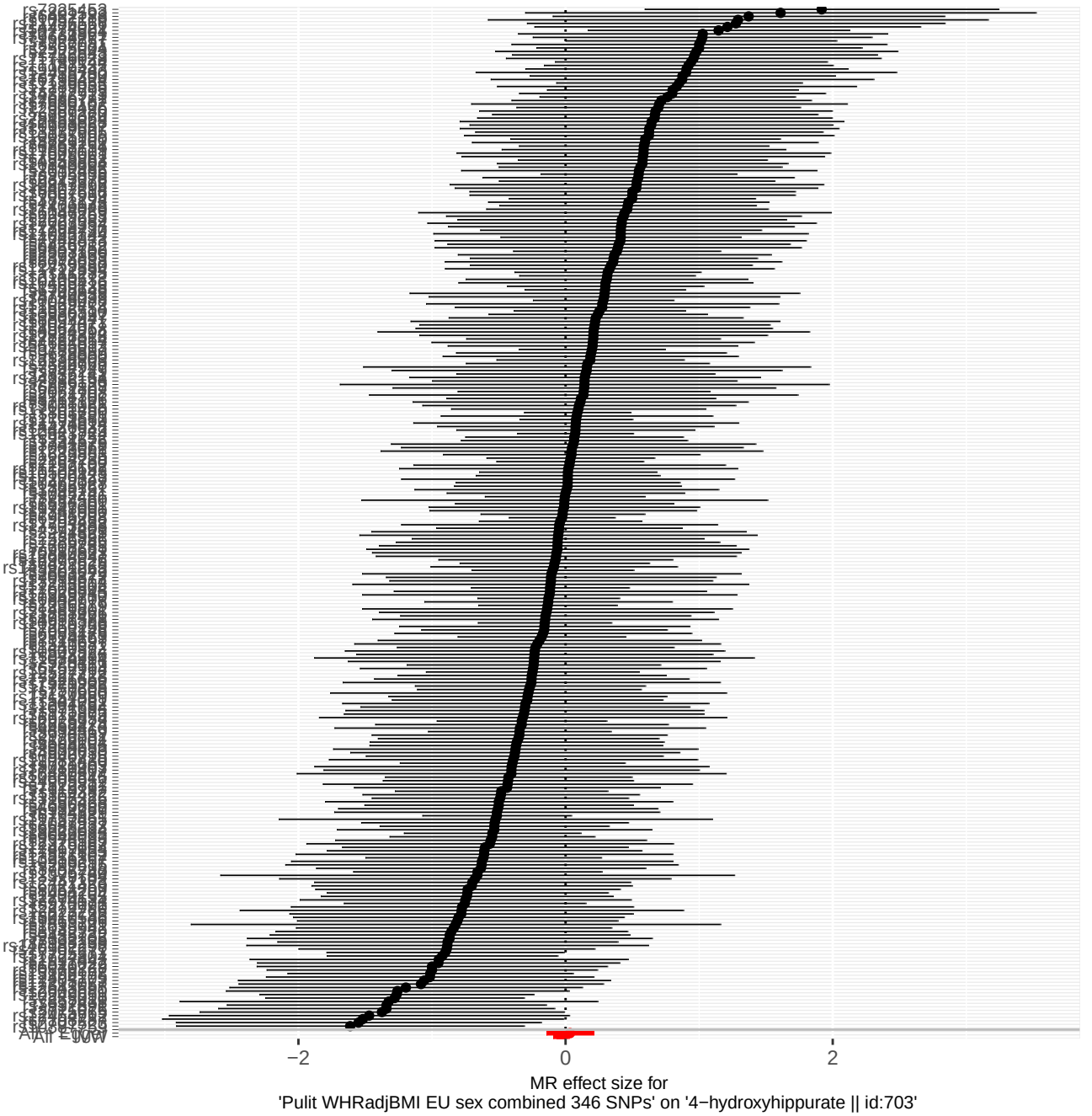
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13671 || id:701'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−tetradecenoyl carnitine || id:702'


−2
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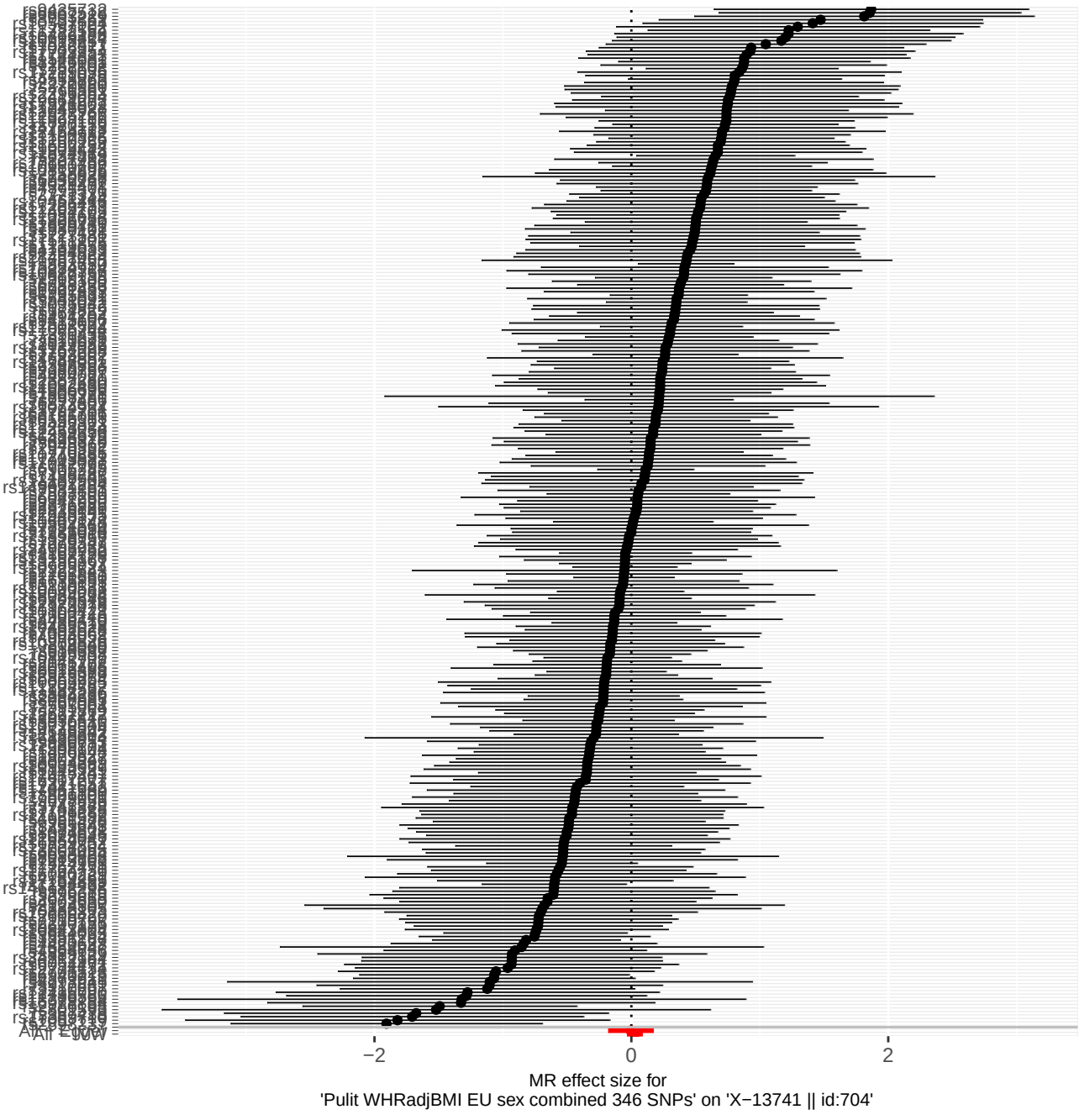
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '4−hydroxyhippurate || id:703'


−2
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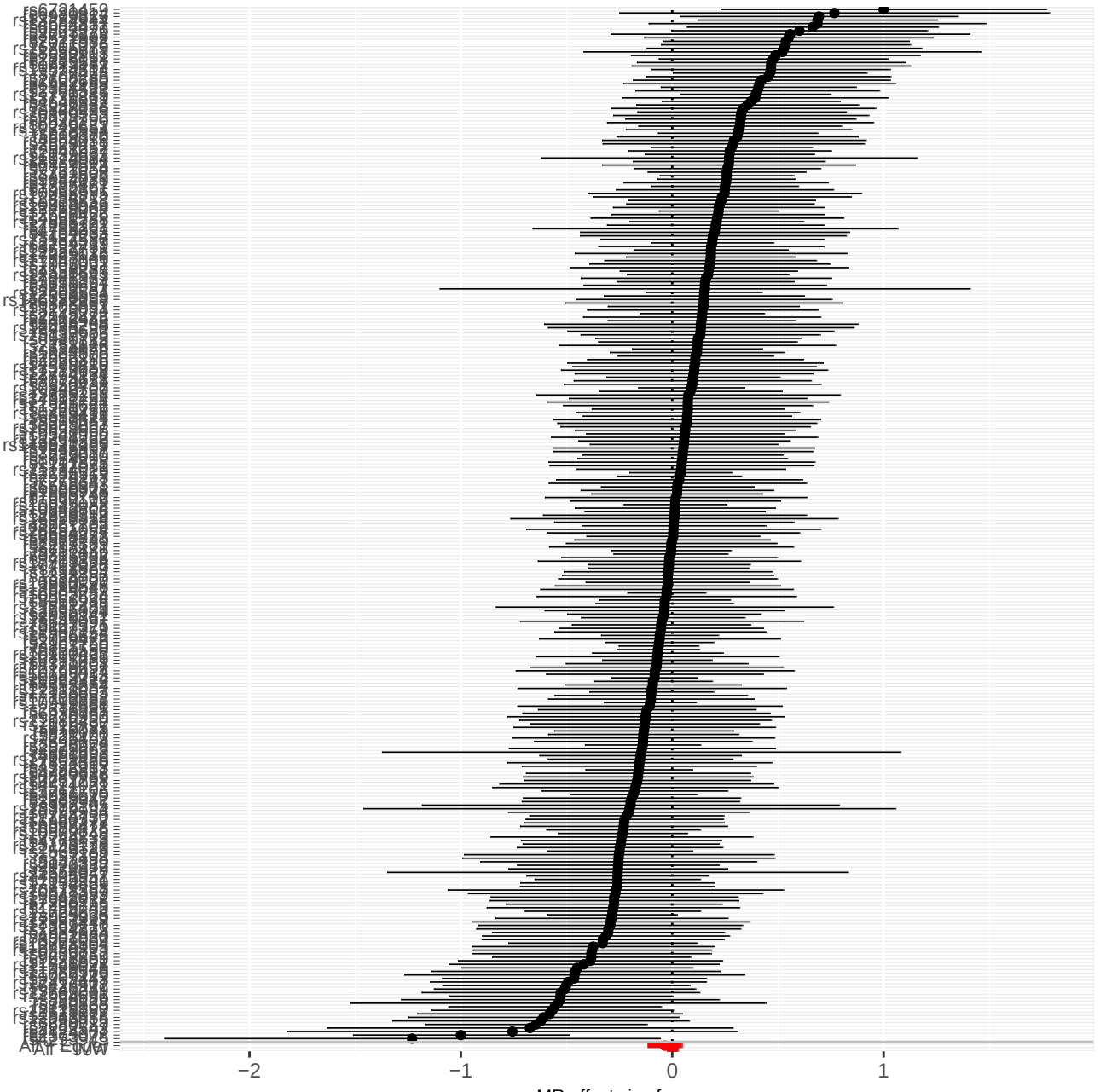
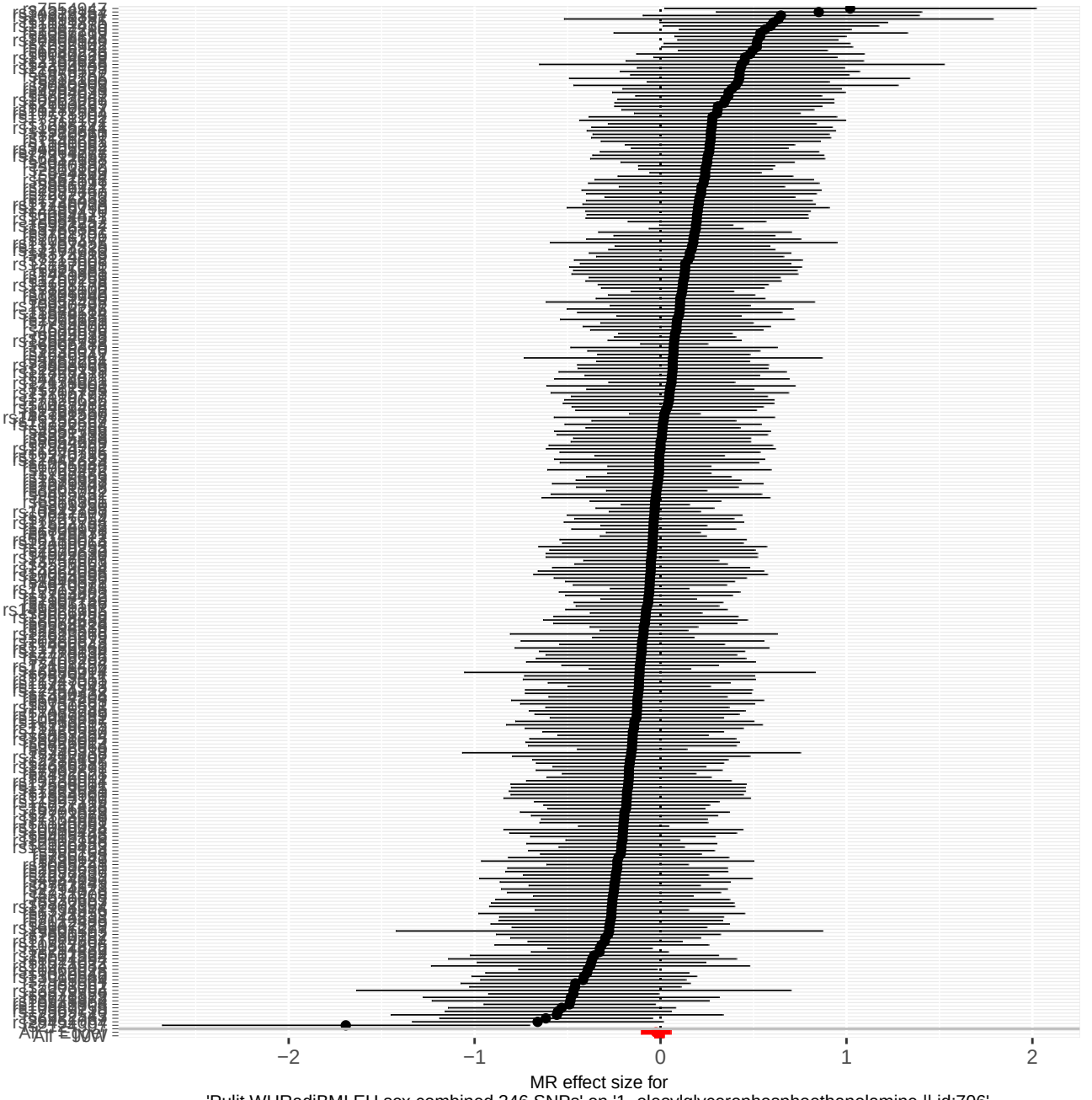
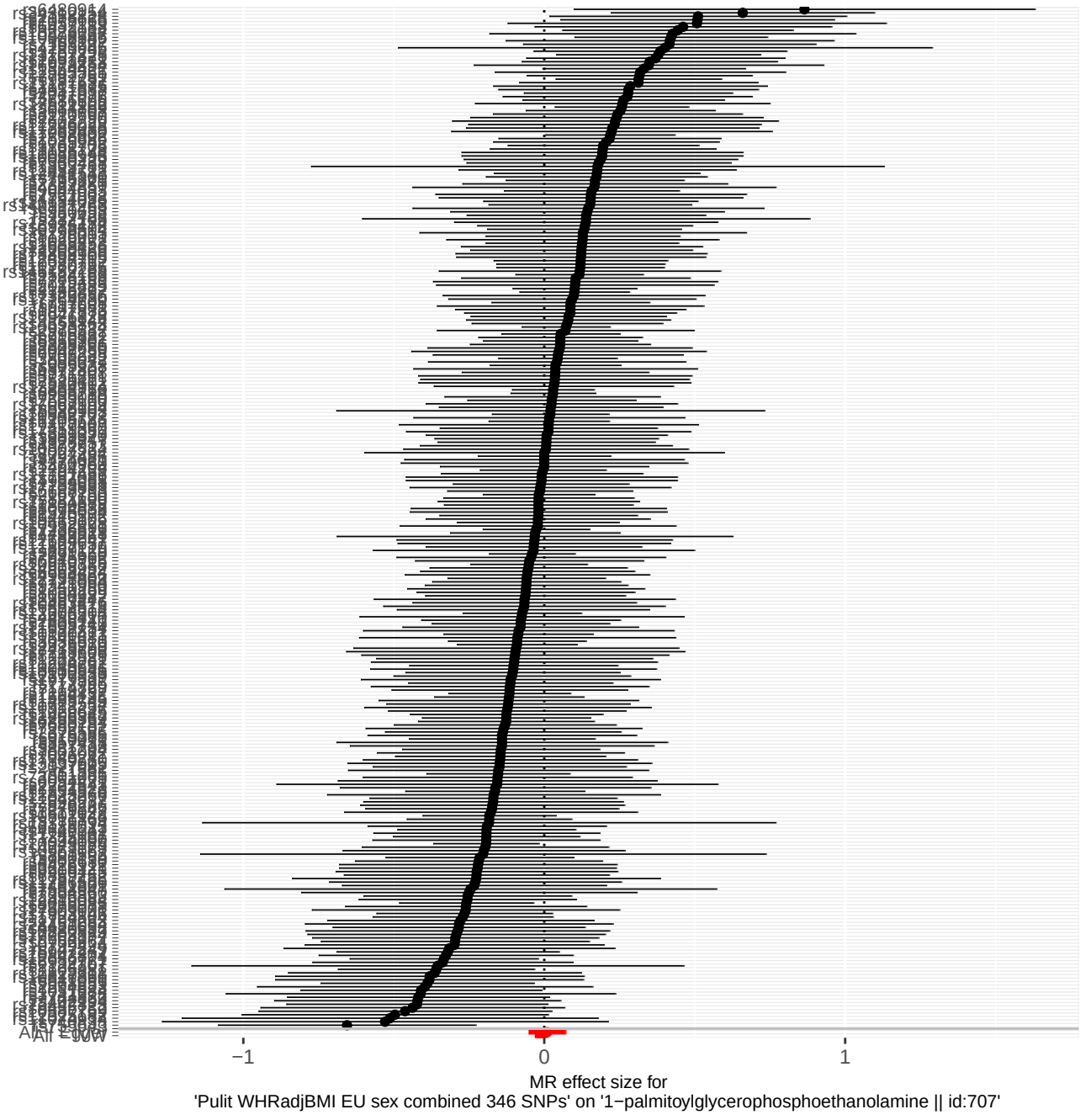
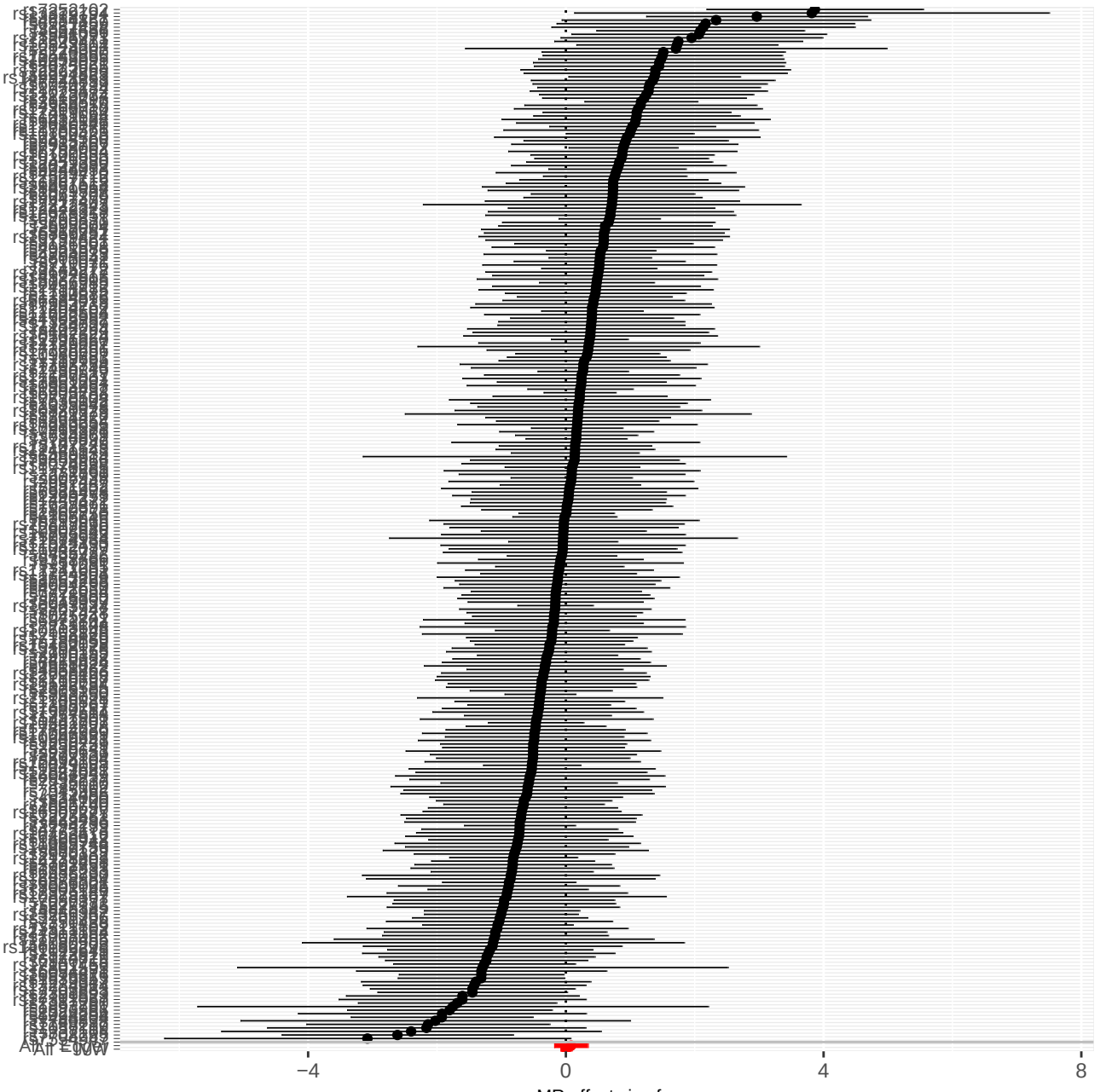
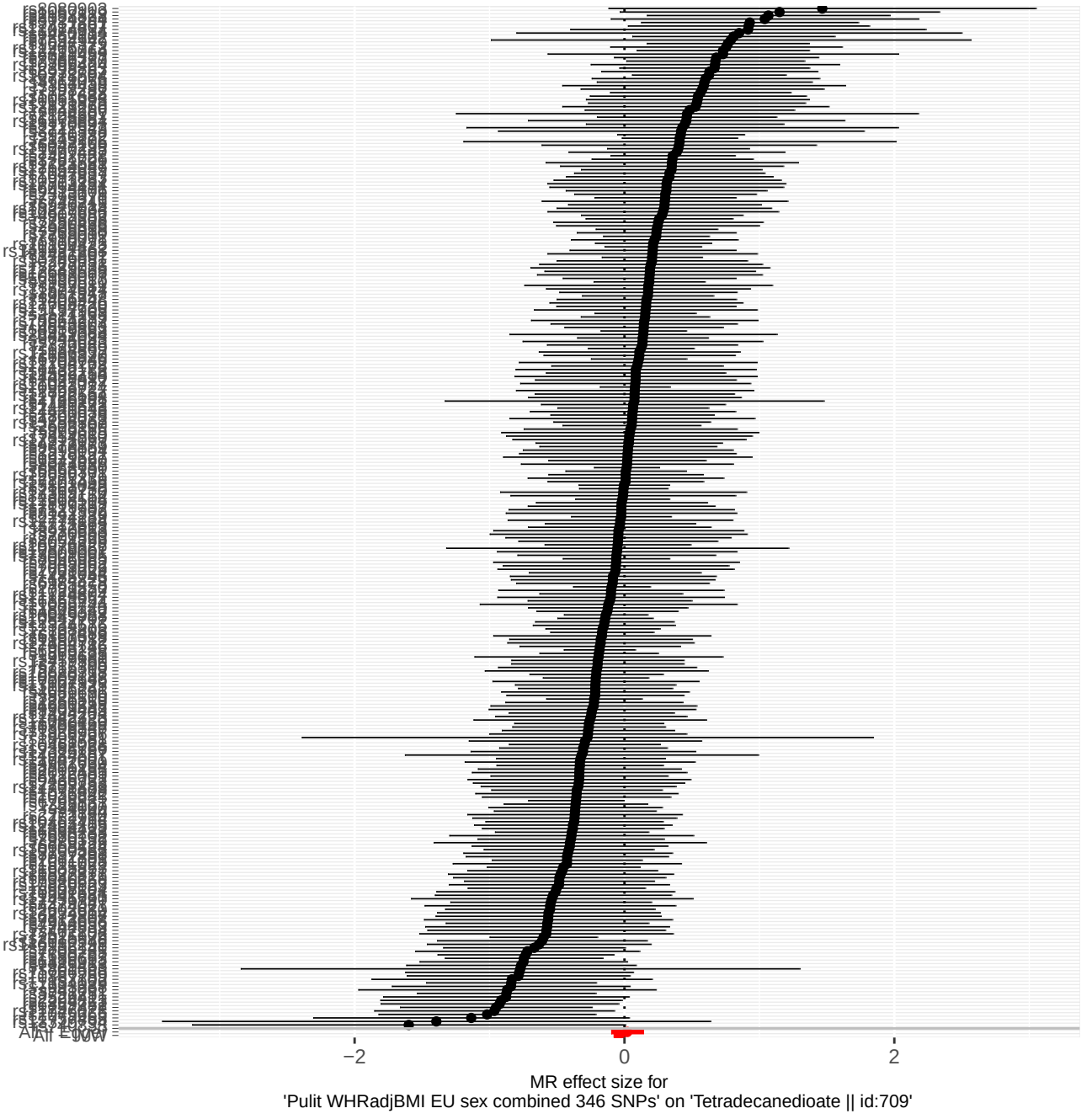
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13741 || id:704'

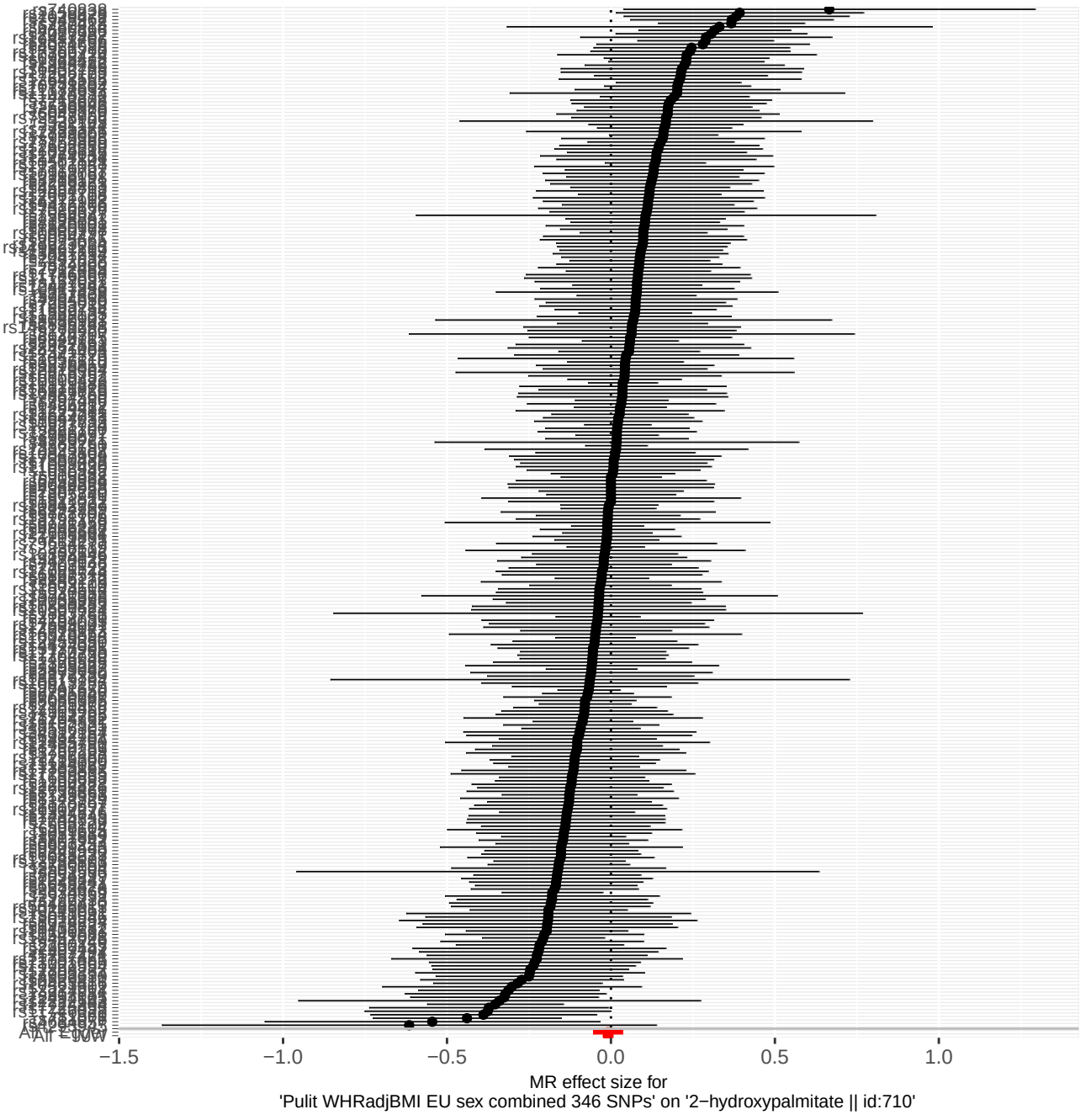

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−myristoylglycerophosphocholine || id:705'


−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−oleoylglycerophosphoethanolamine || id:706'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '1−palmitoylglycerophosphoethanolamine || id:707'


−4
0
4
8
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '3−(3−hydroxyphenyl)propionate || id:708'


−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Tetradecanedioate || id:709'


−1.5
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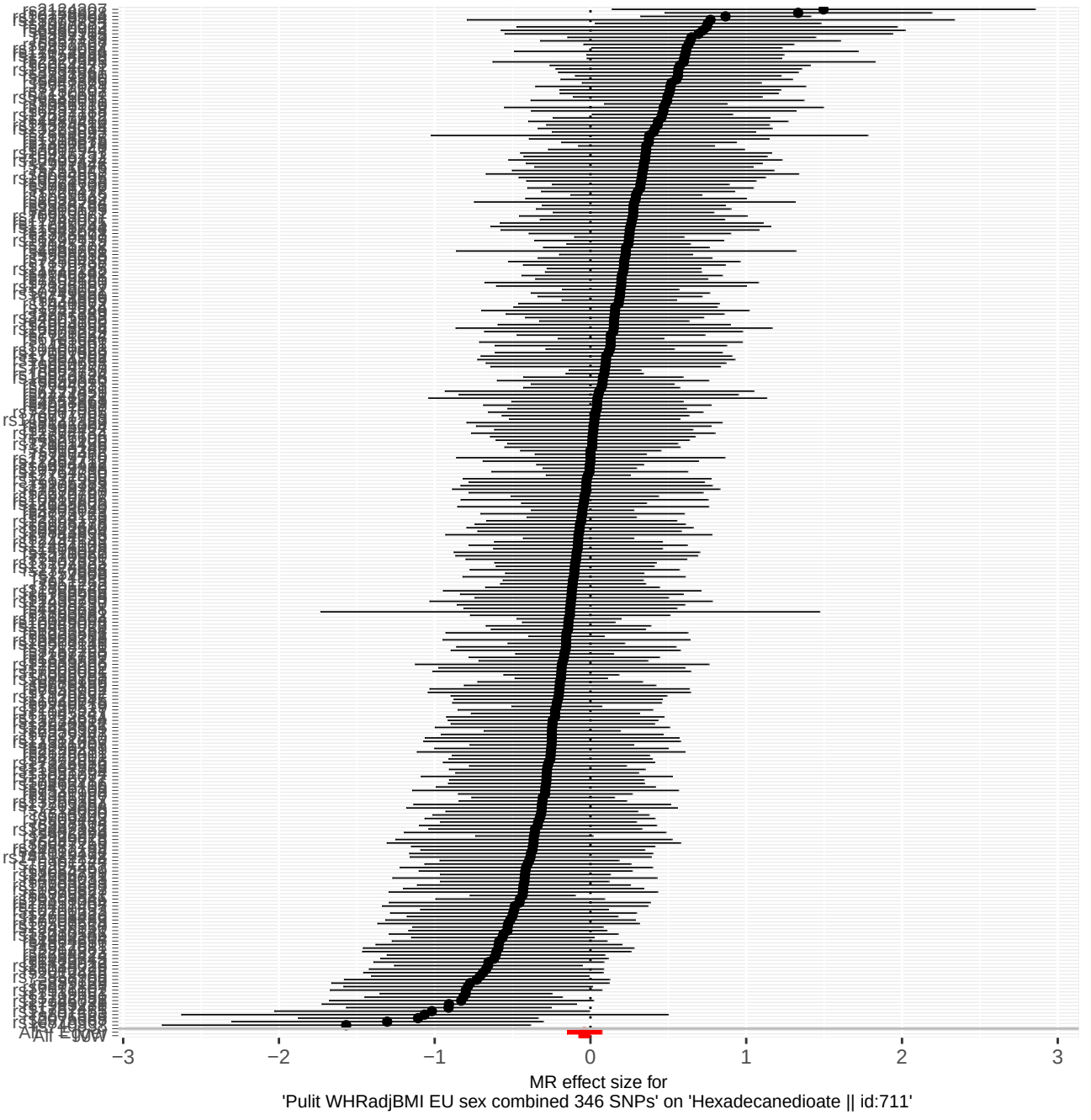
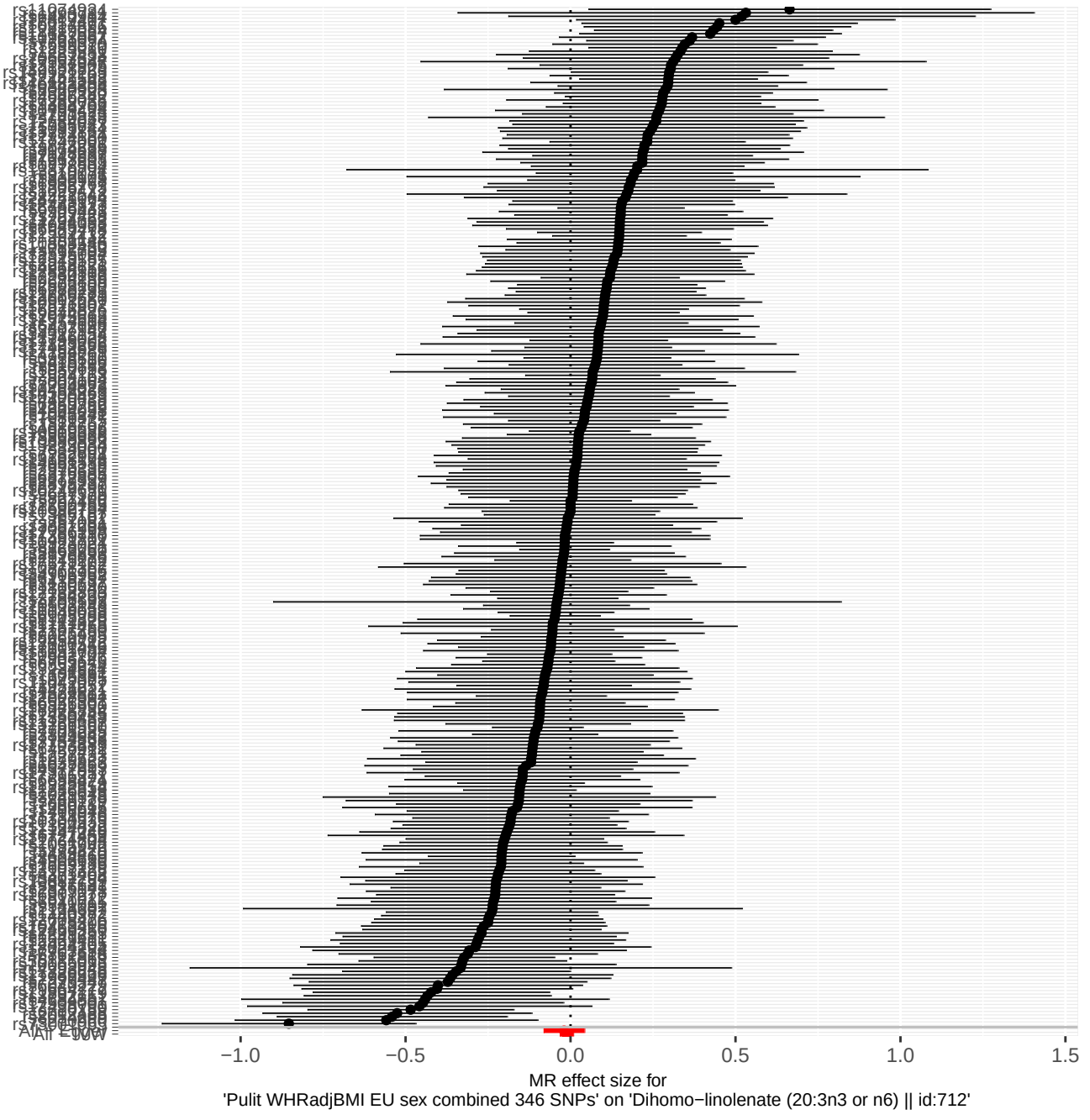
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−hydroxypalmitate || id:710'


−3
−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Hexadecanedioate || id:711'


−1.0
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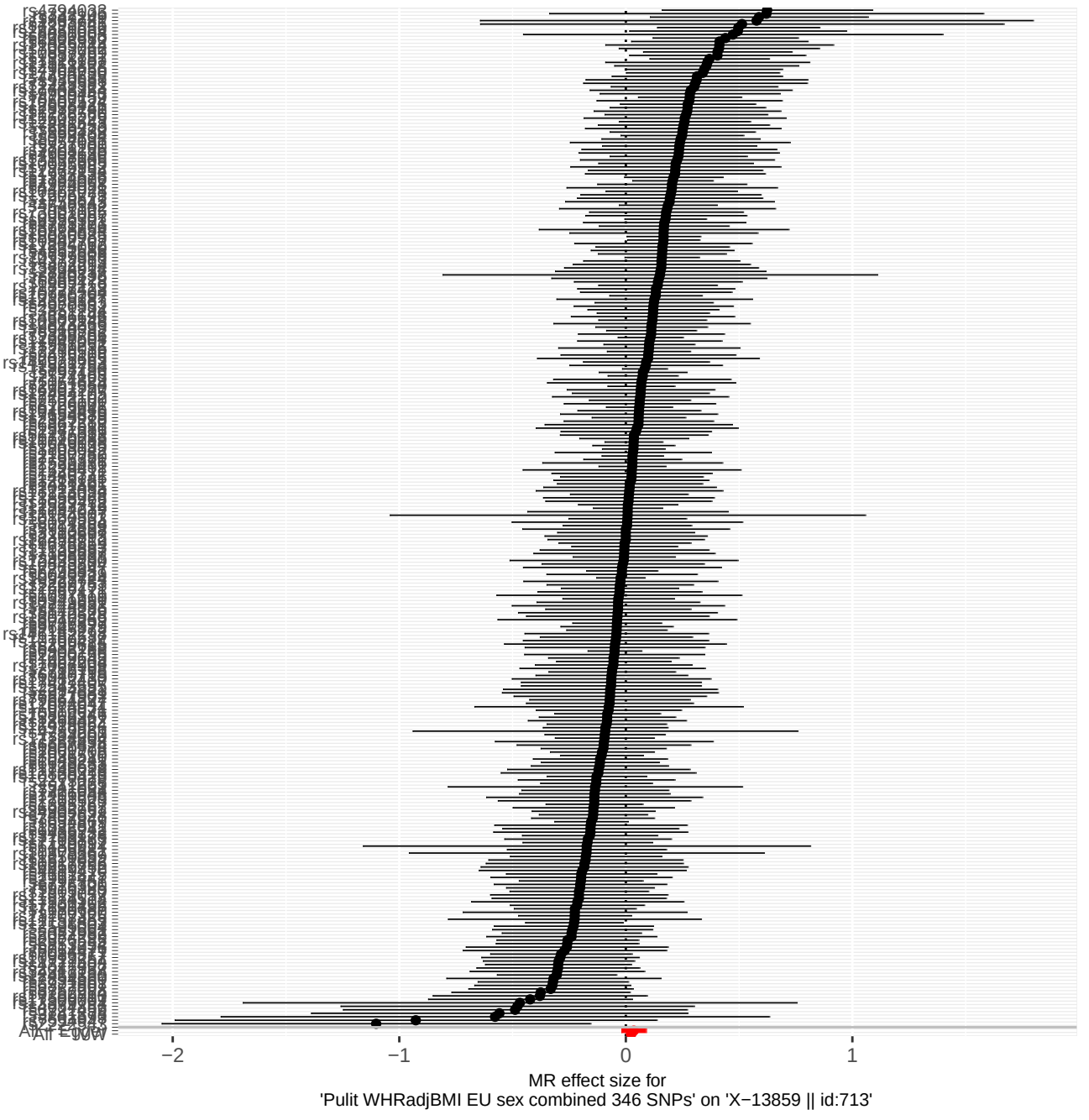
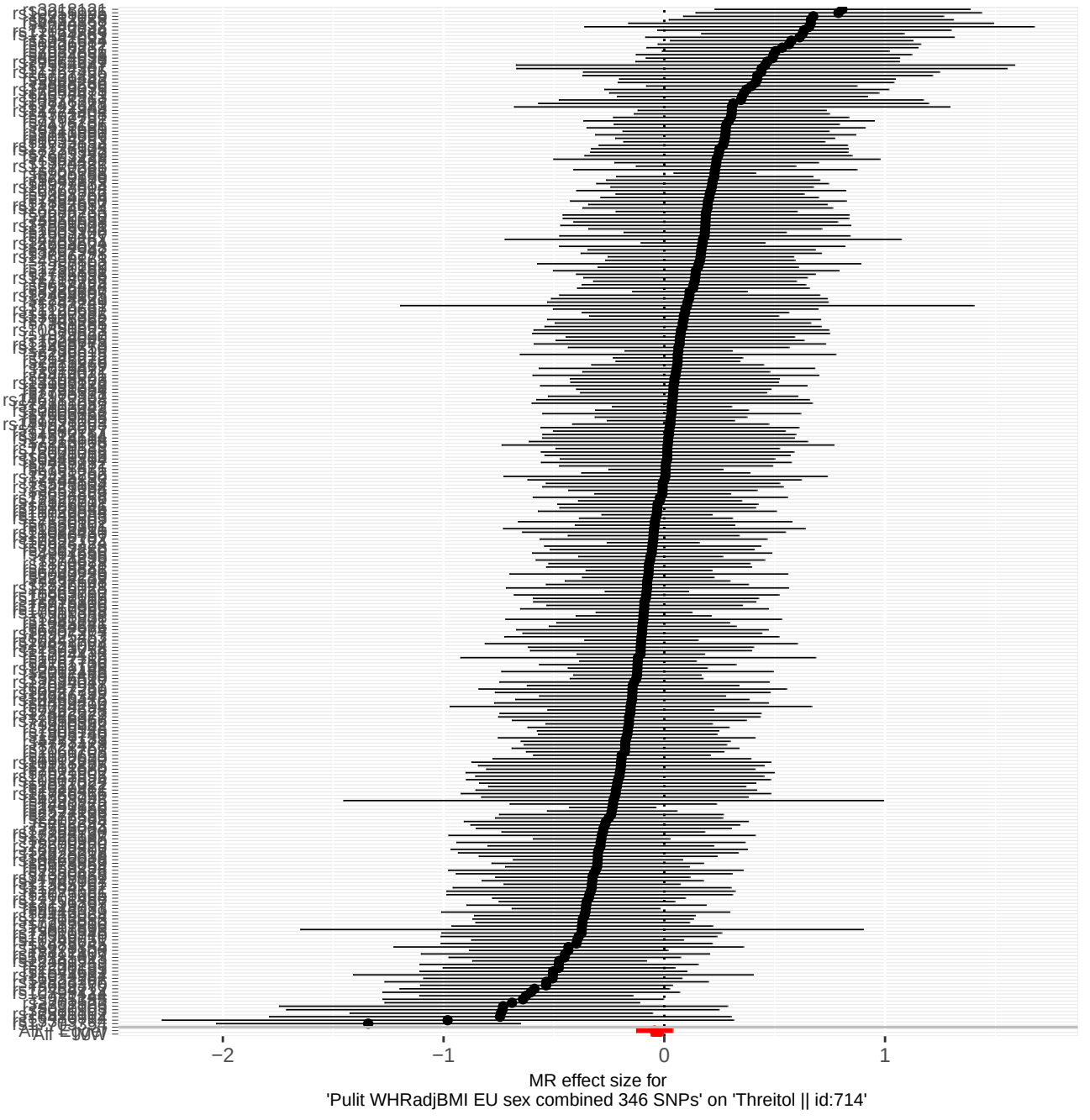
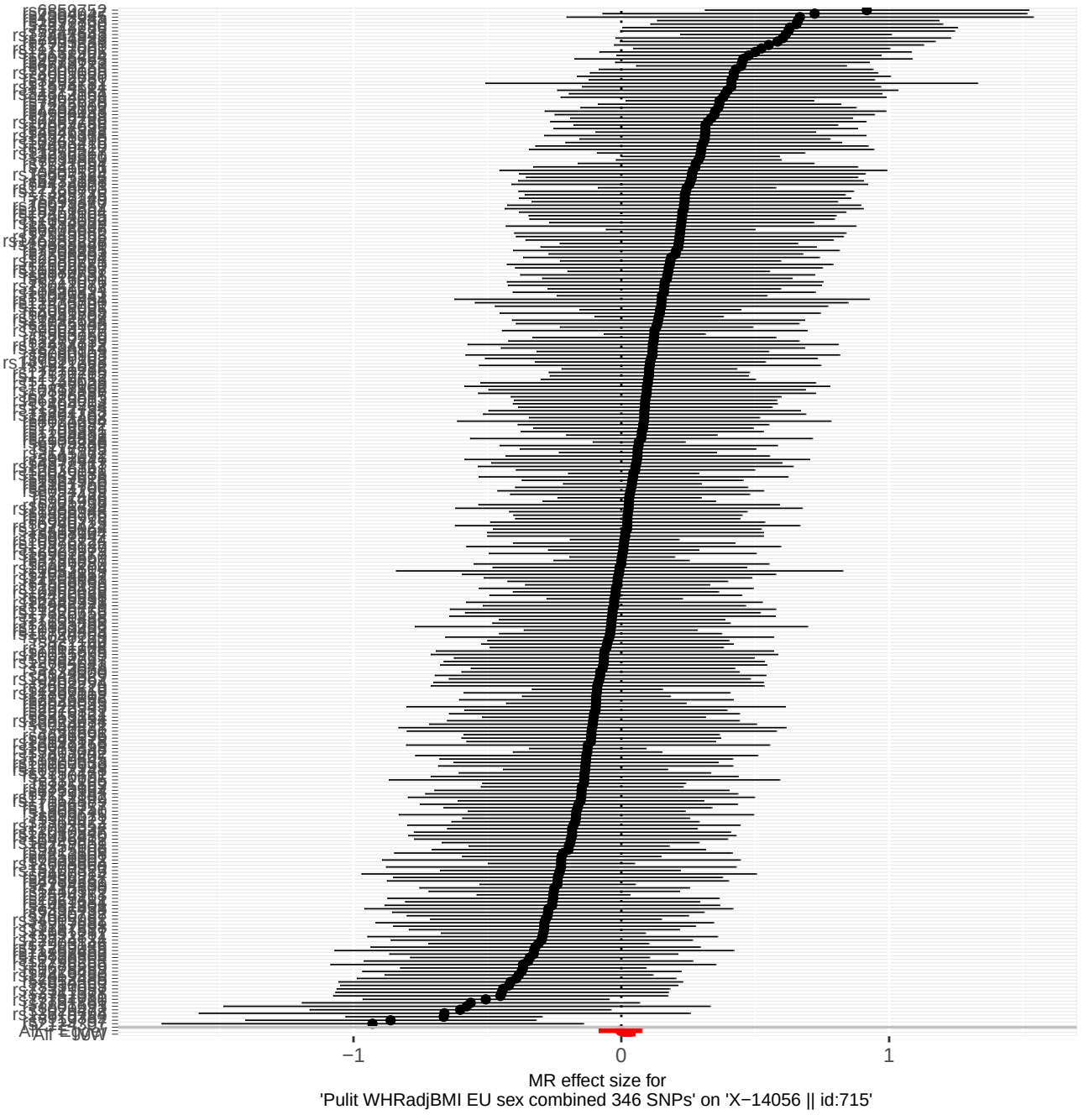
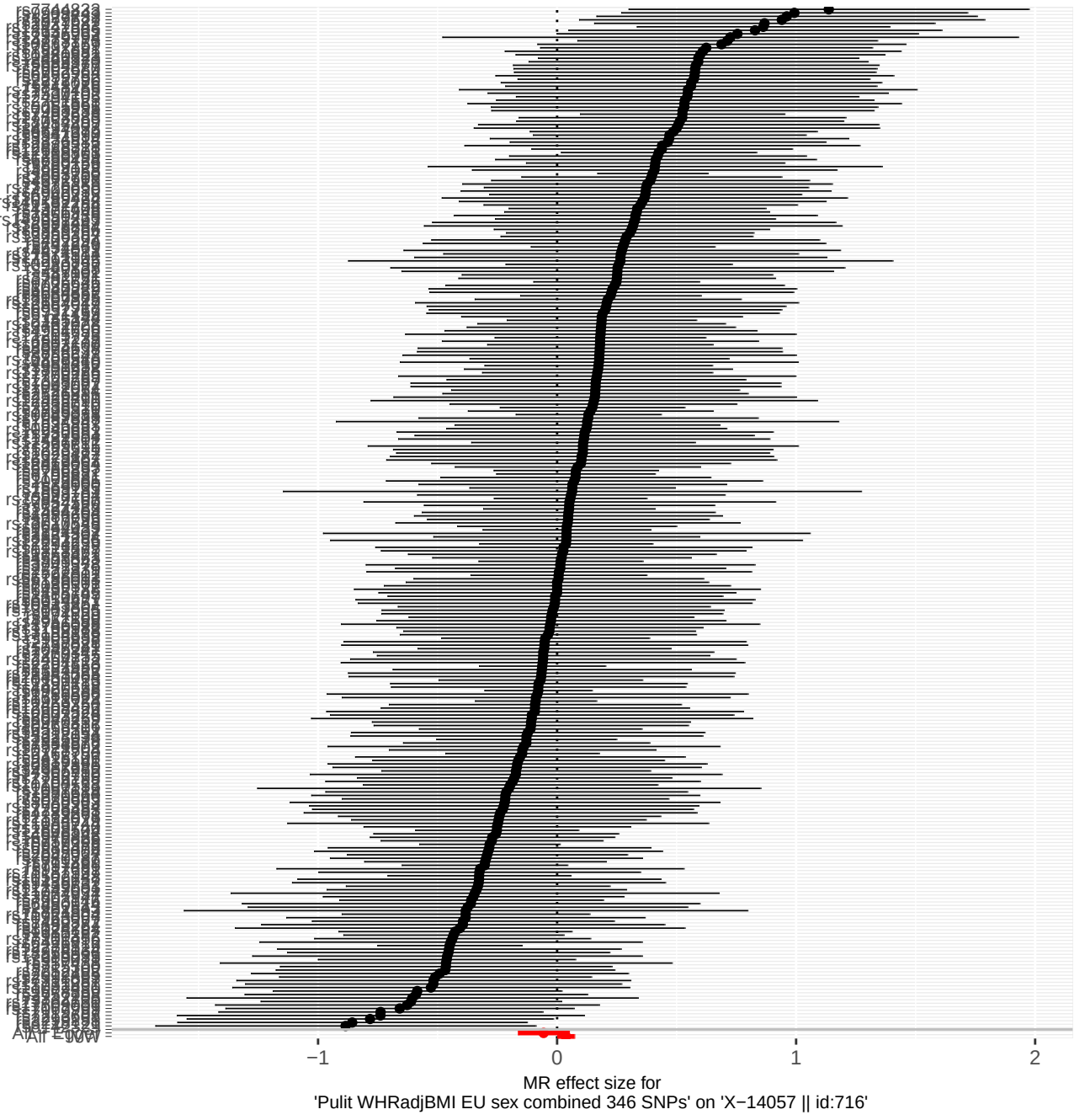
0.0
0.5
1.0
1.5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Dihomo−linolenate (20:3n3 or n6) || id:712'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−13859 || id:713'


−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Threitol || id:714'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14056 || id:715'


All - IVW
−1
0
1
2
MR effect size for
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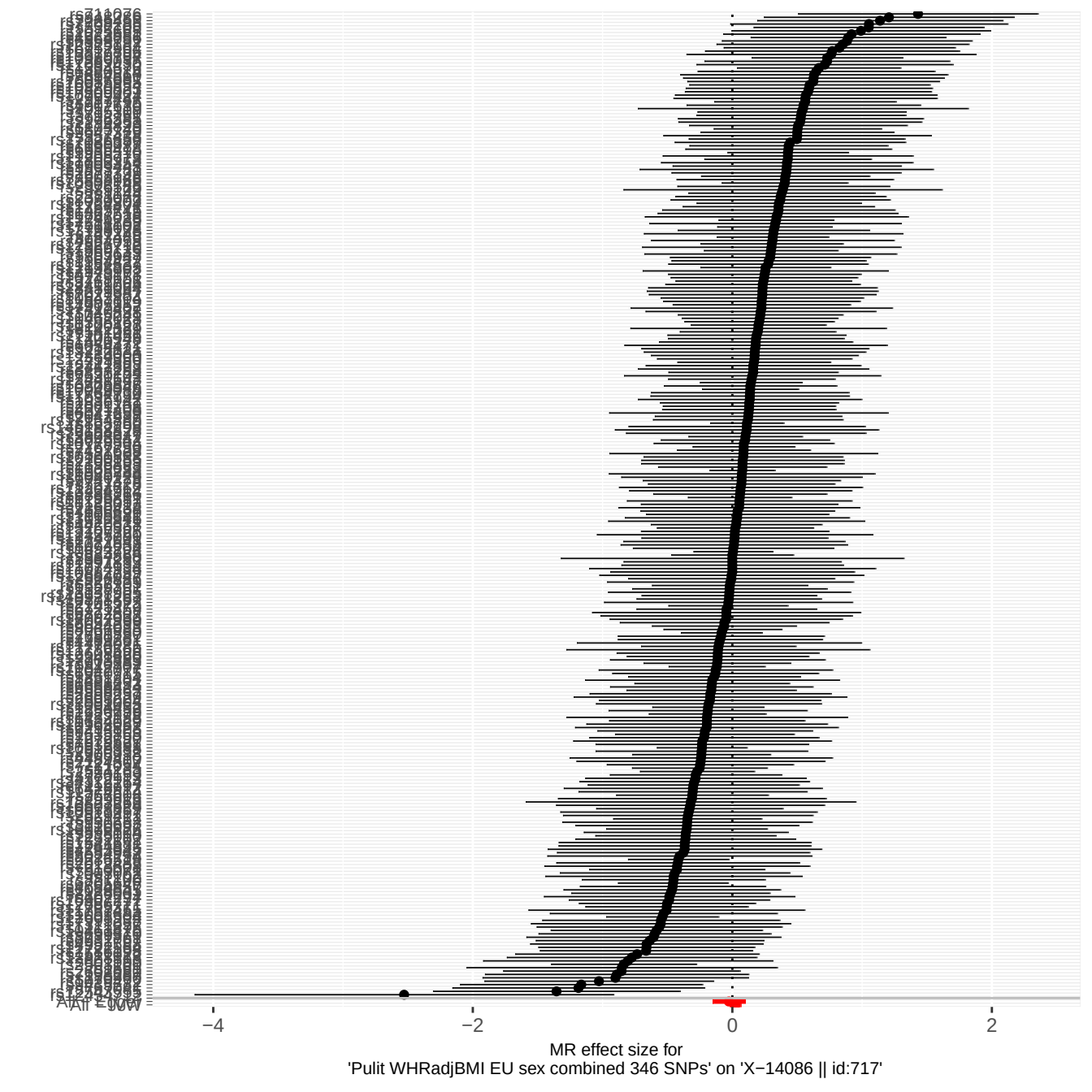
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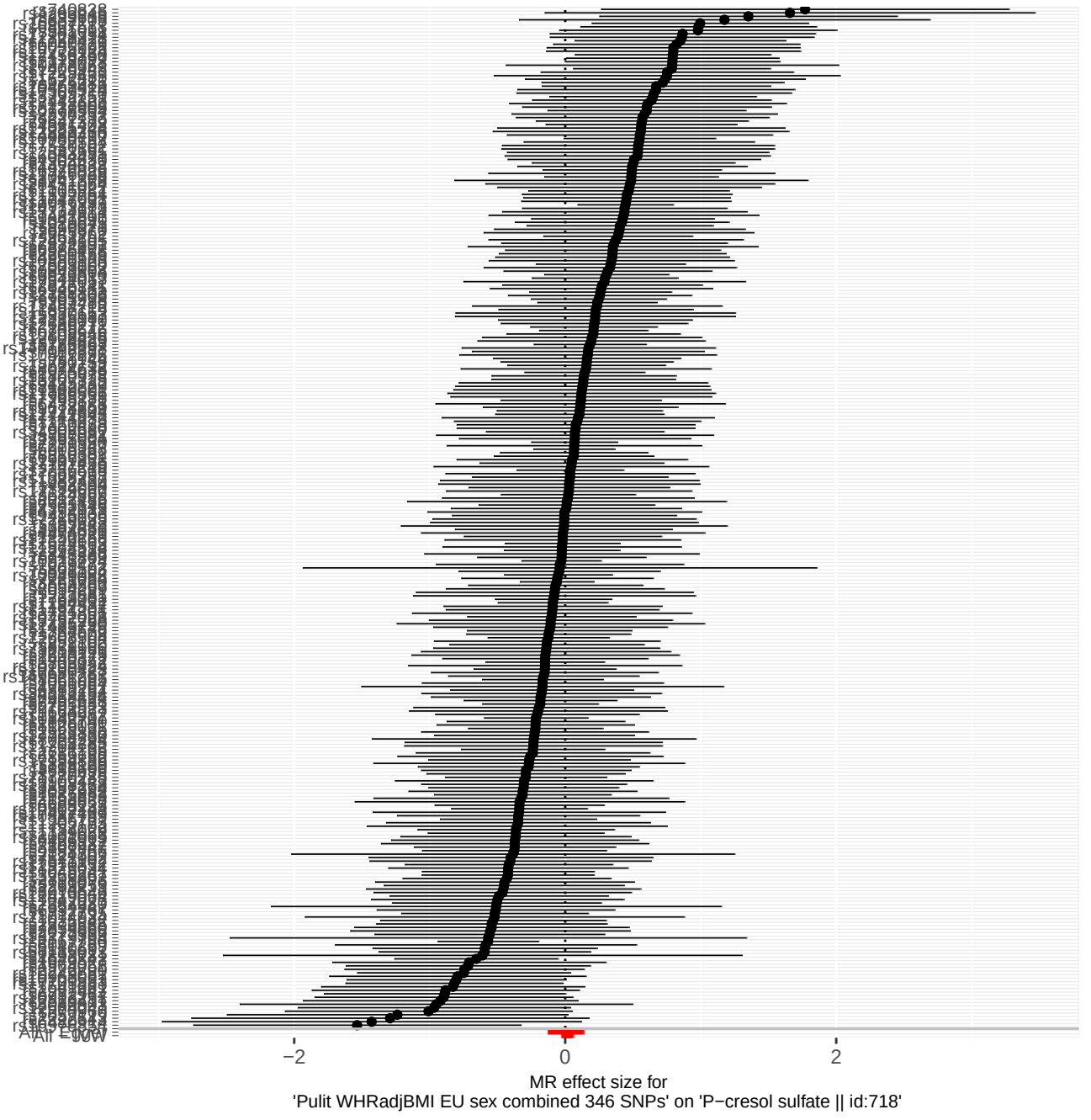
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14086 || id:717'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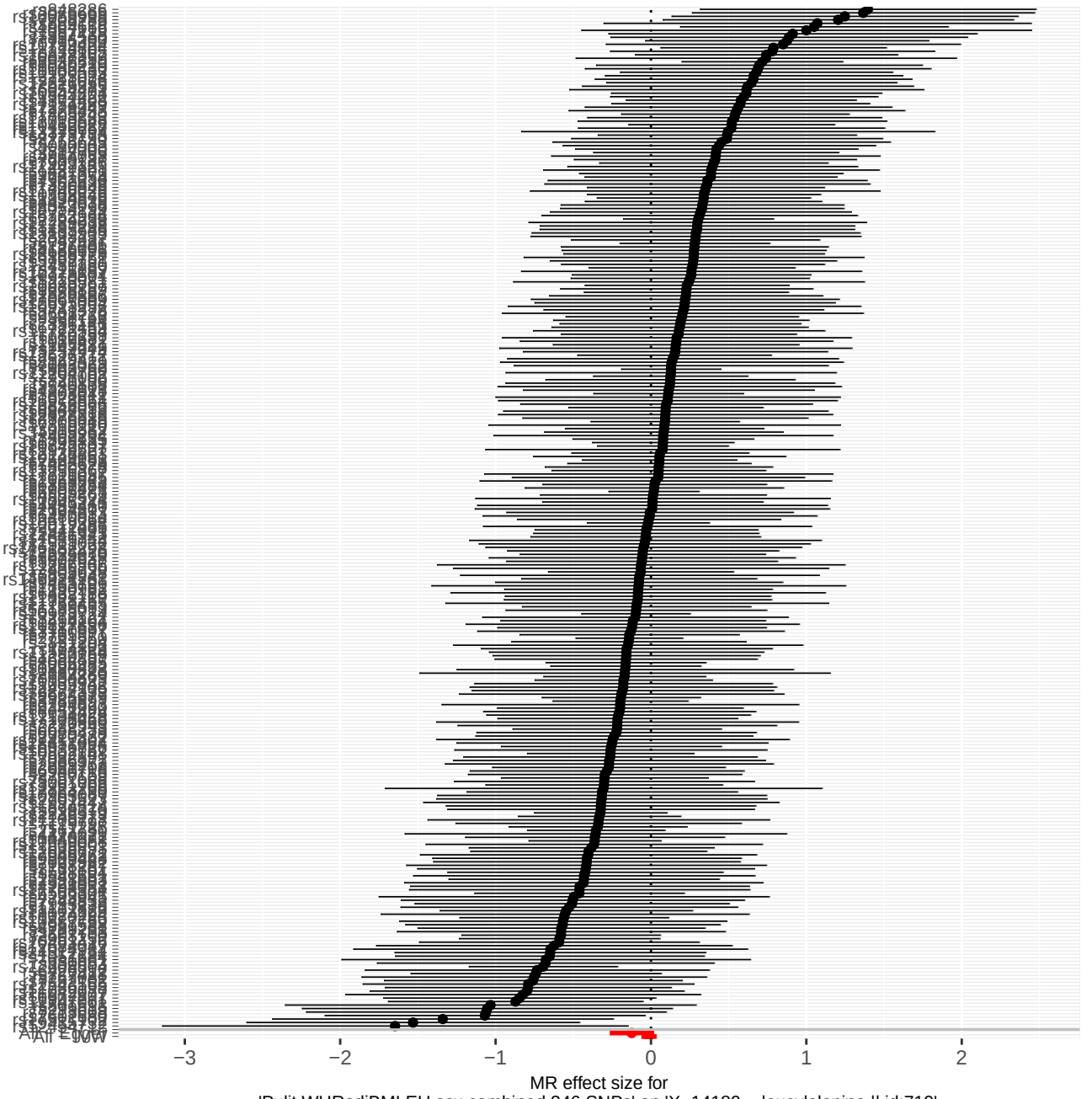
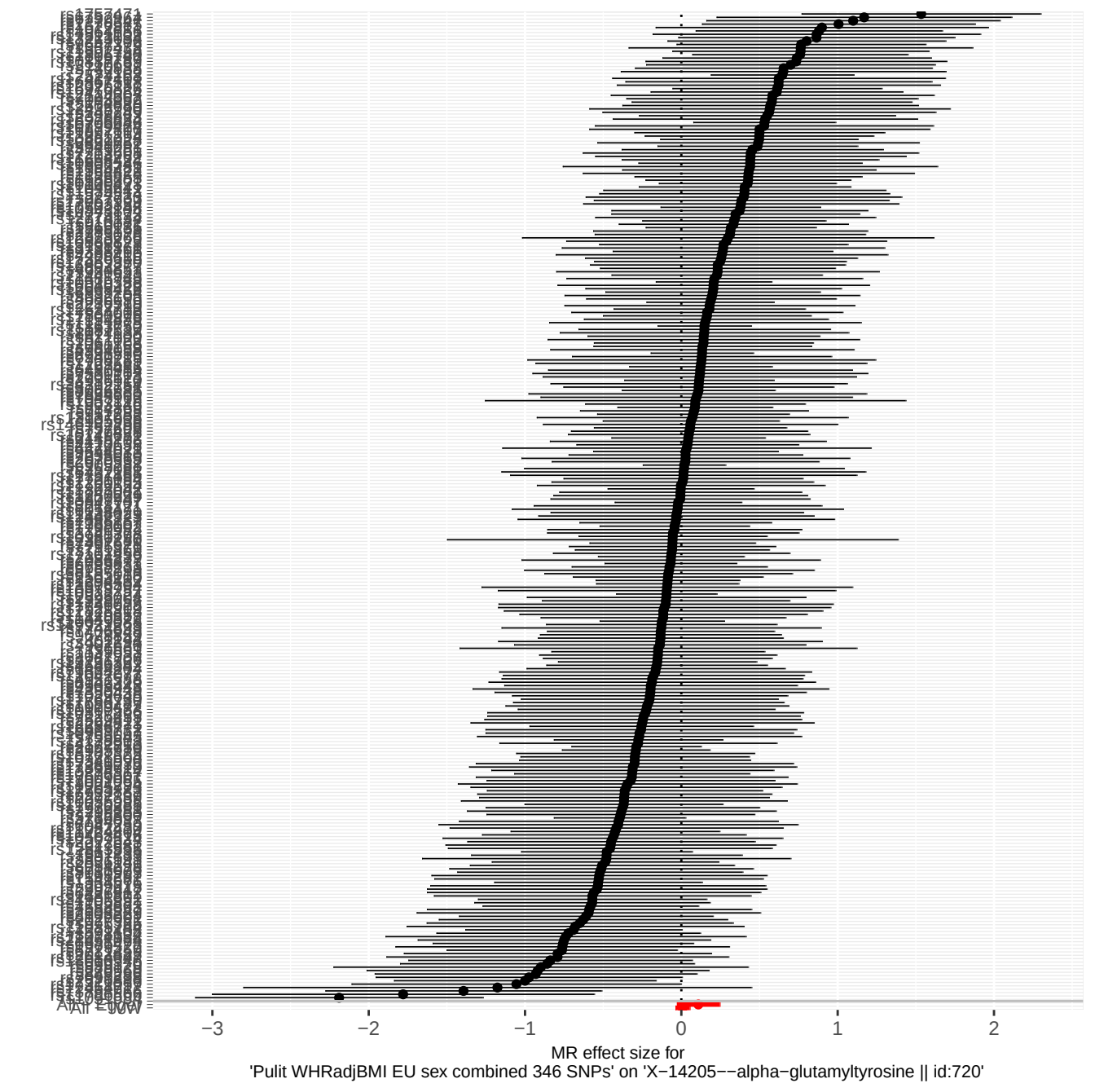
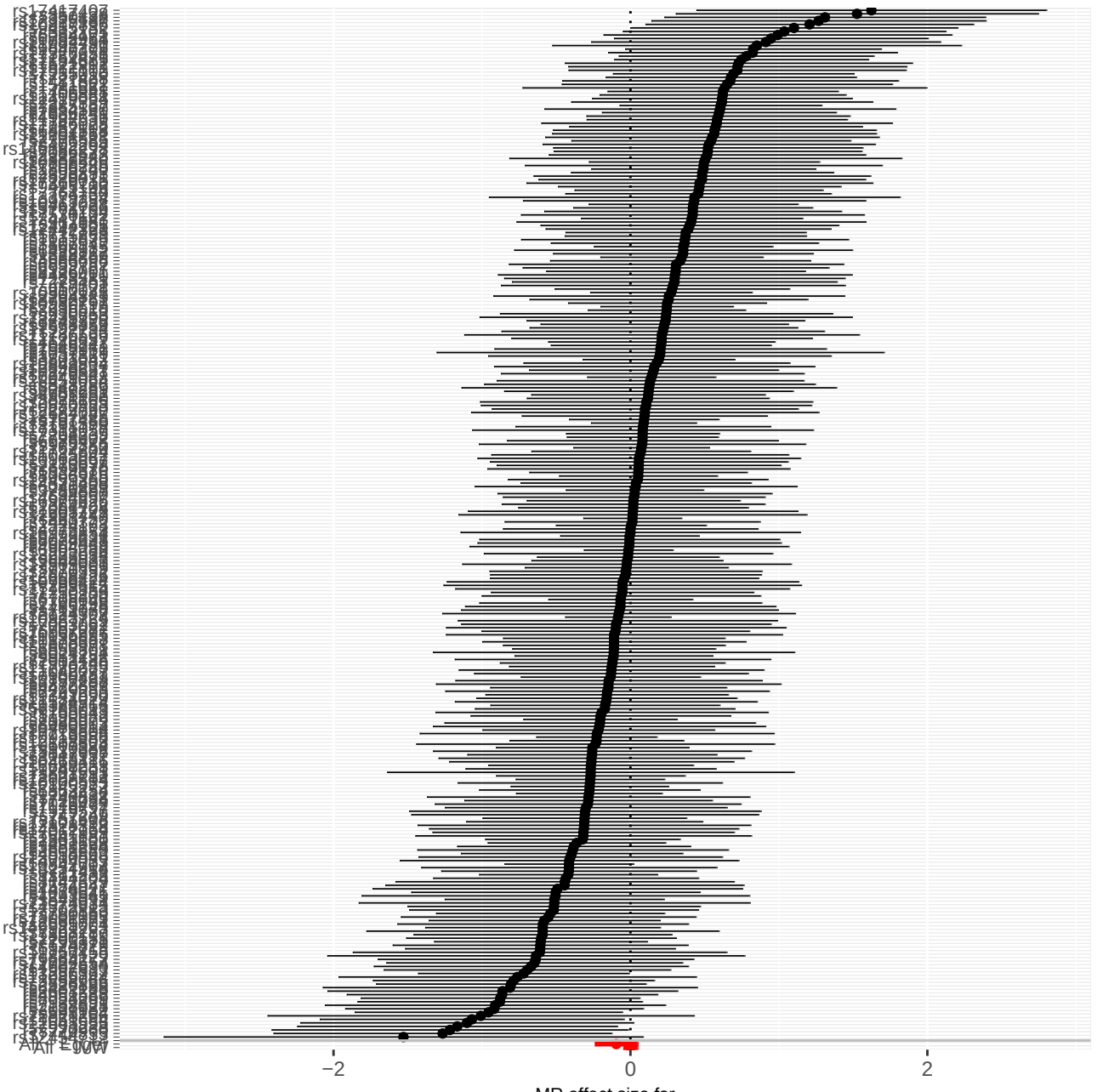
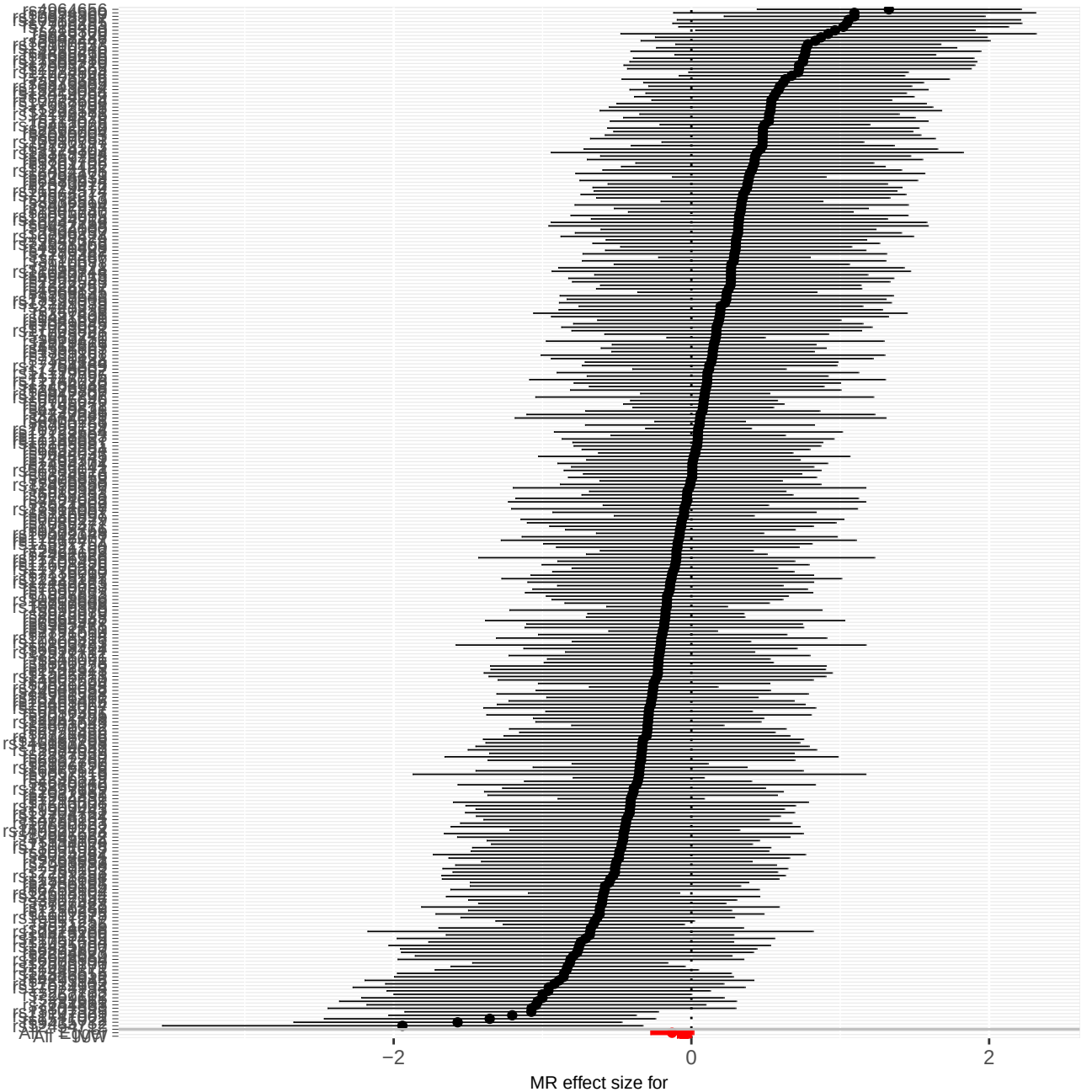
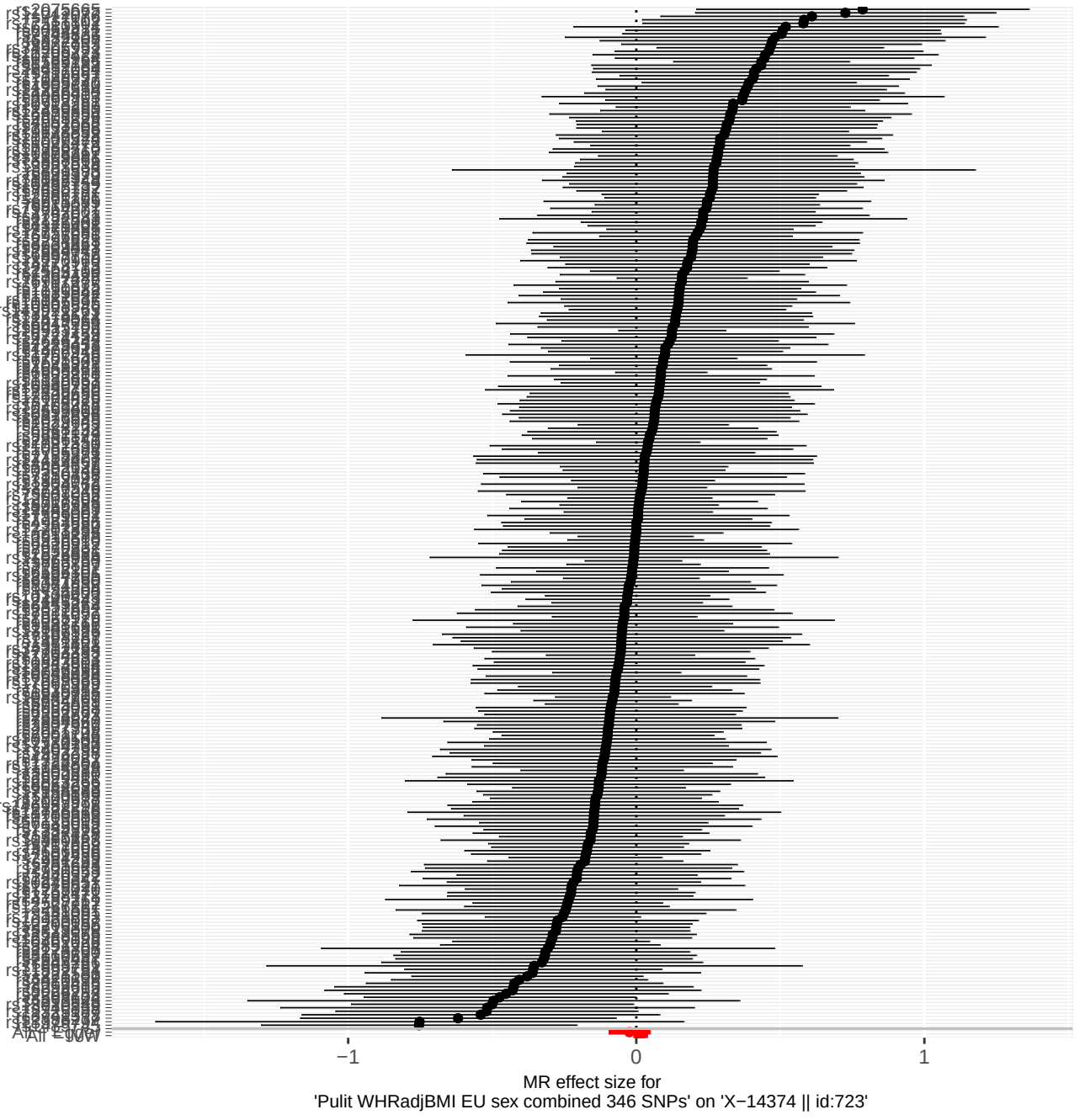
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'P−cresol sulfate || id:718'

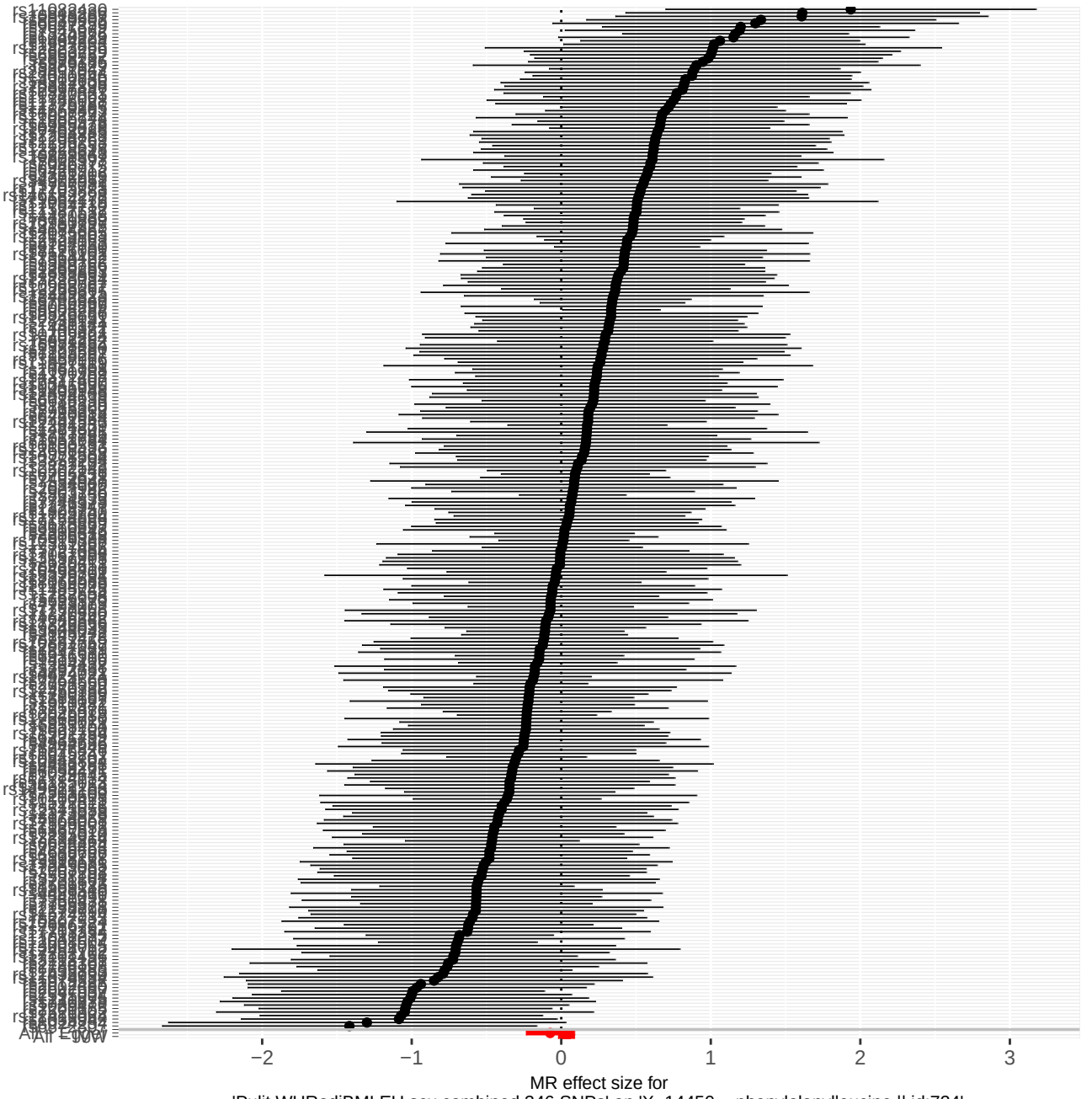

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14189−−leucylalanine || id:719'

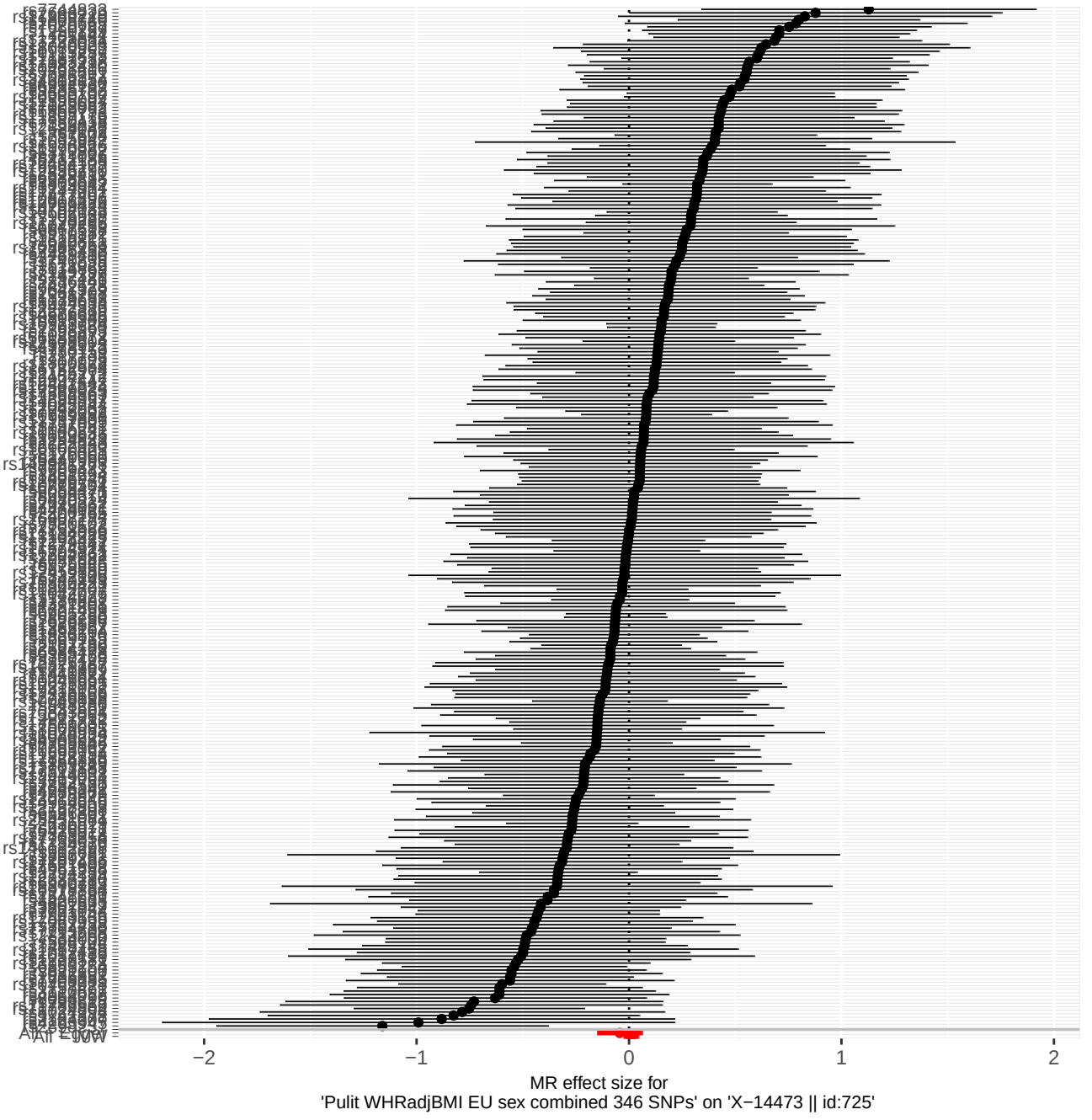

−3
−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14205−−alpha−glutamyltyrosine || id:720'

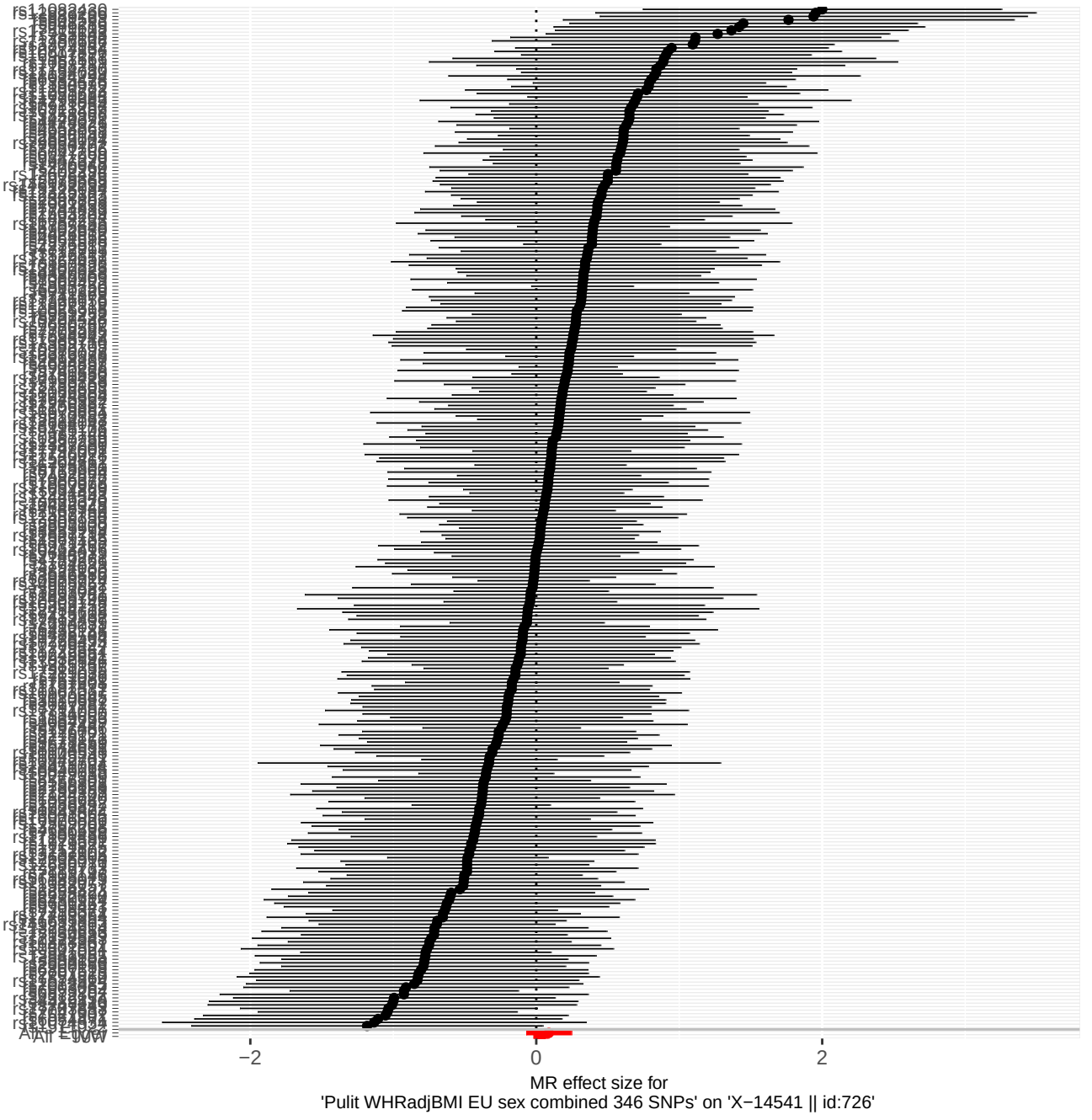

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14208−−phenylalanylserine || id:721'

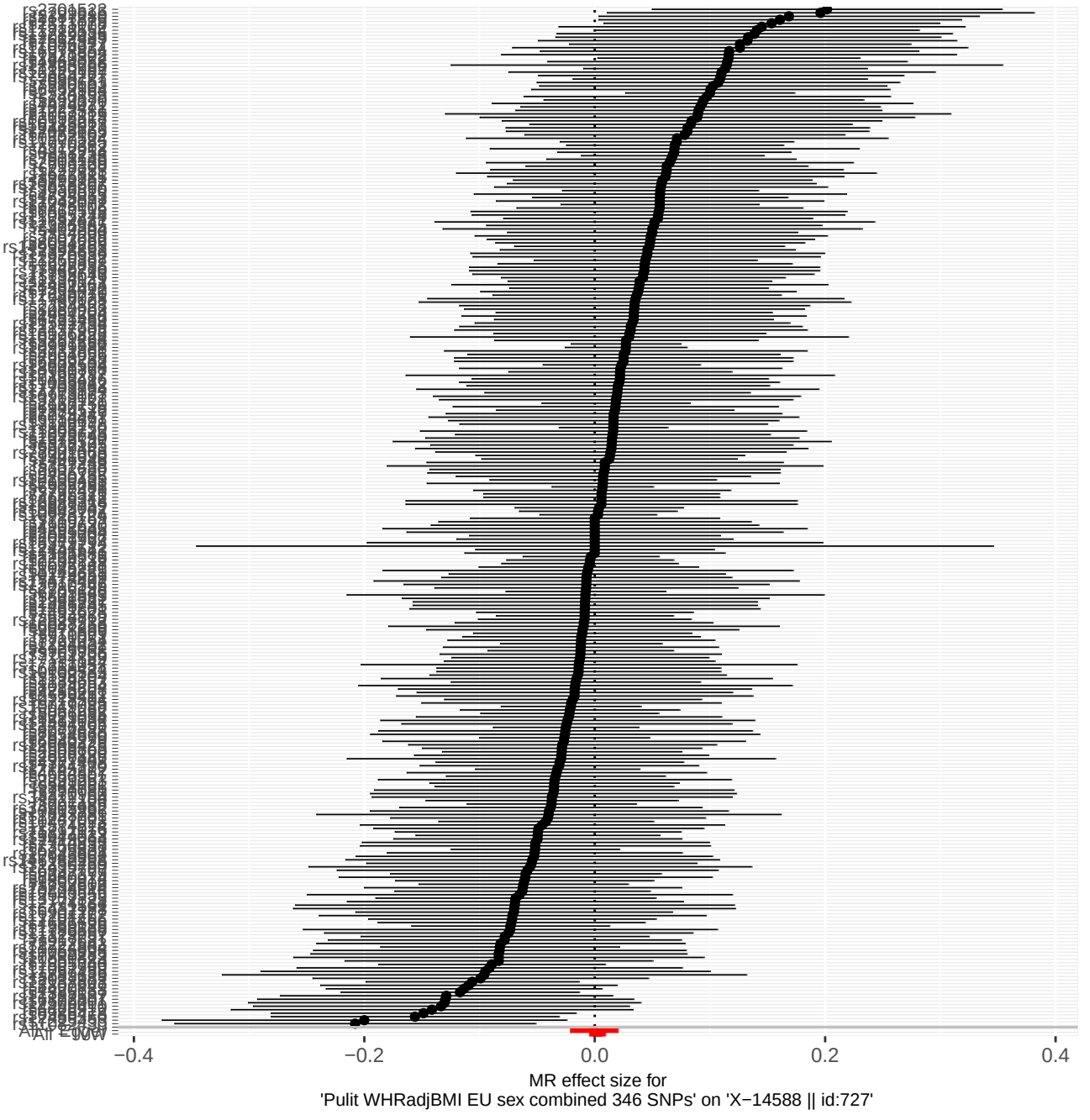

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14304−−leucylalanine || id:722'

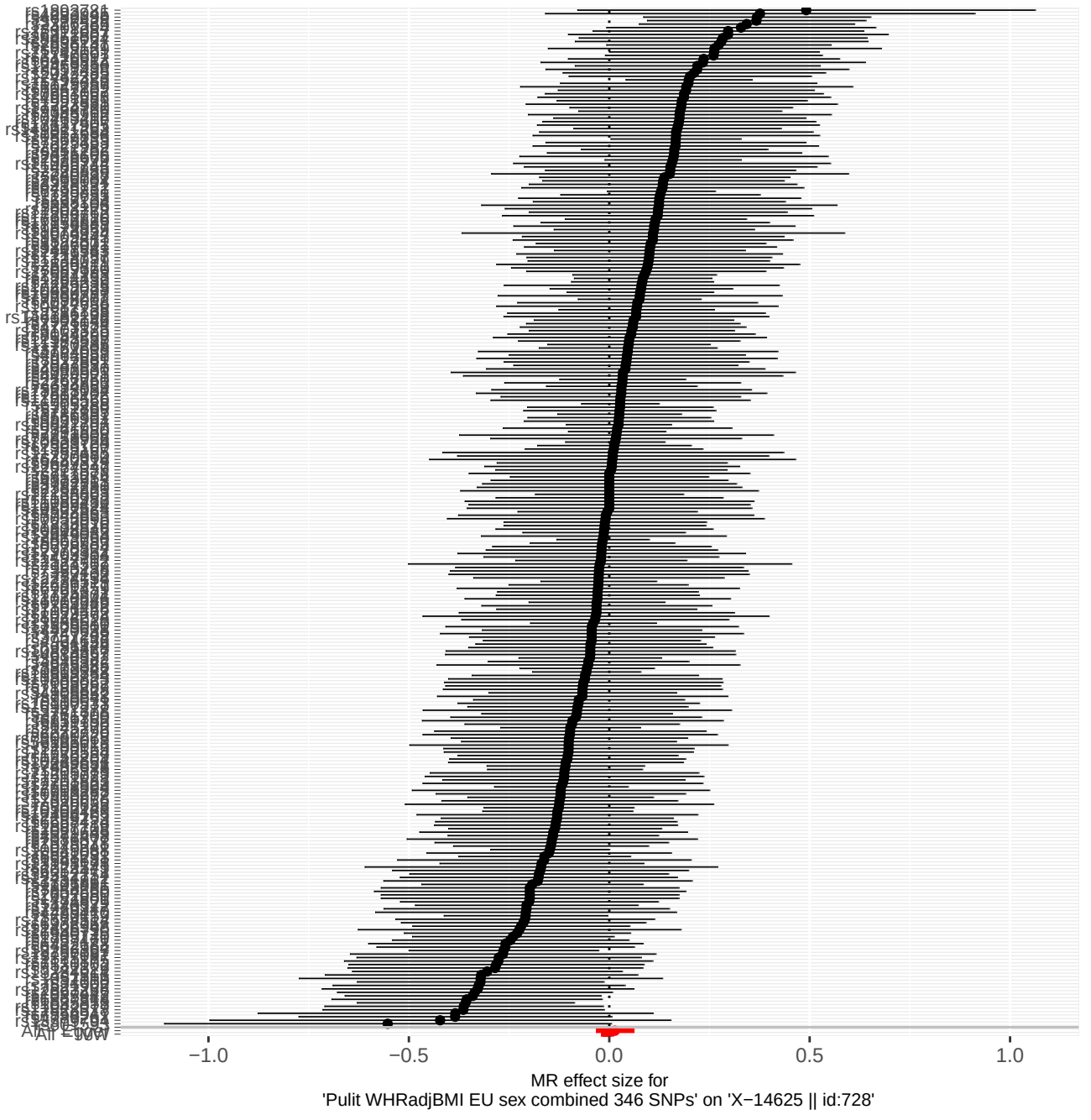

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14374 || id:723'

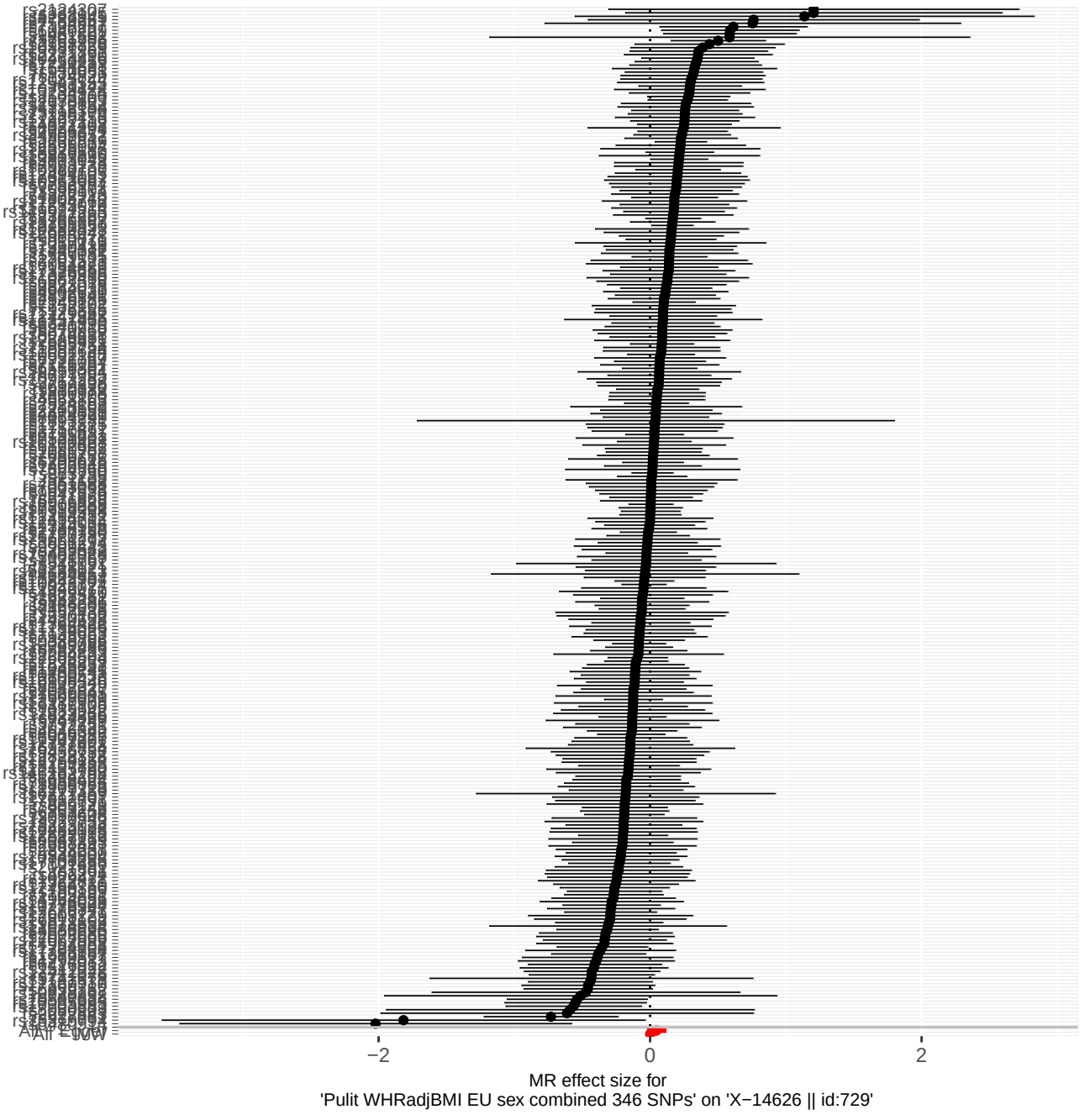

−2
−1
0
1
2
3
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14450−−phenylalanylleucine || id:724'

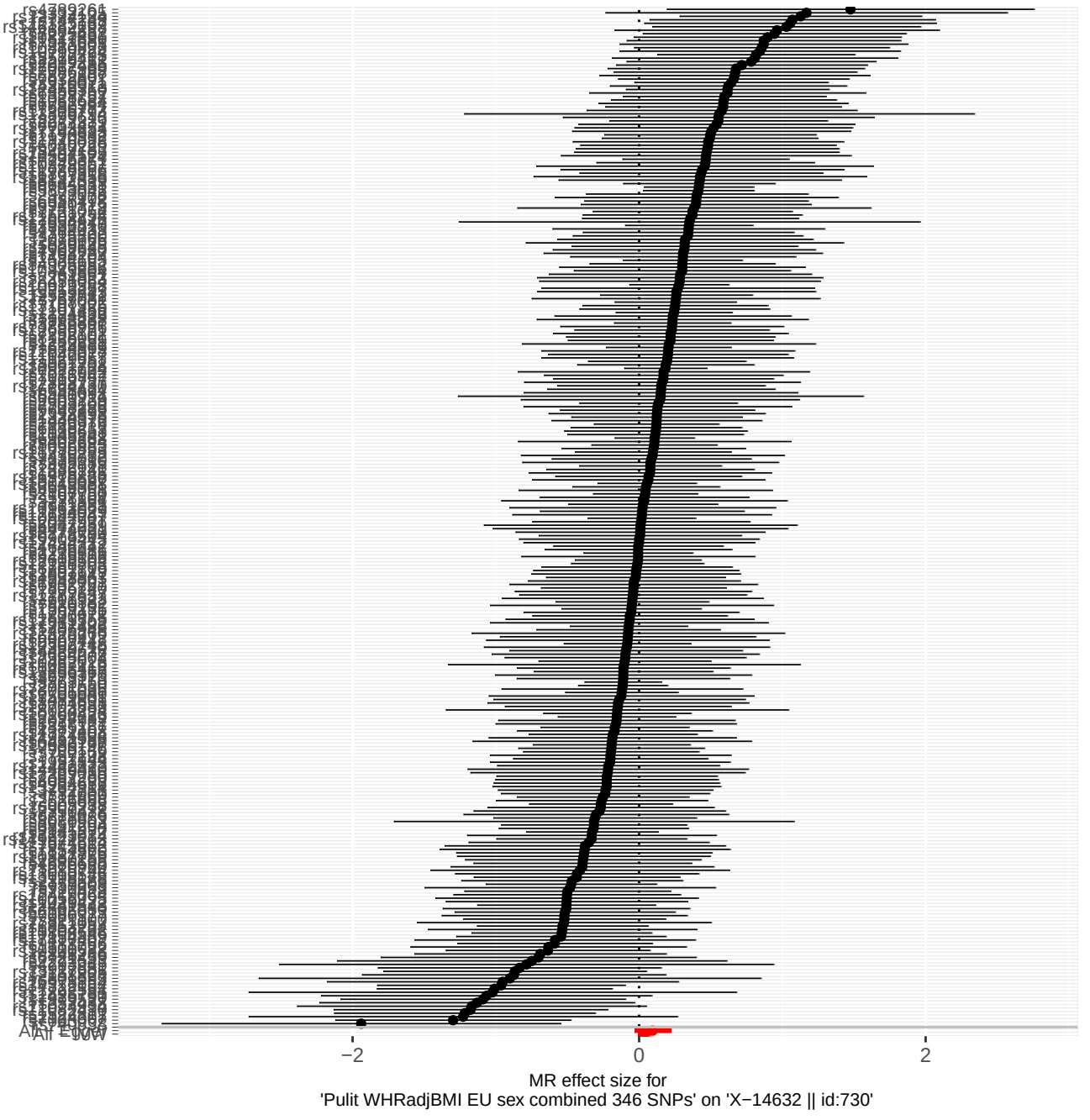

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14473 || id:725'

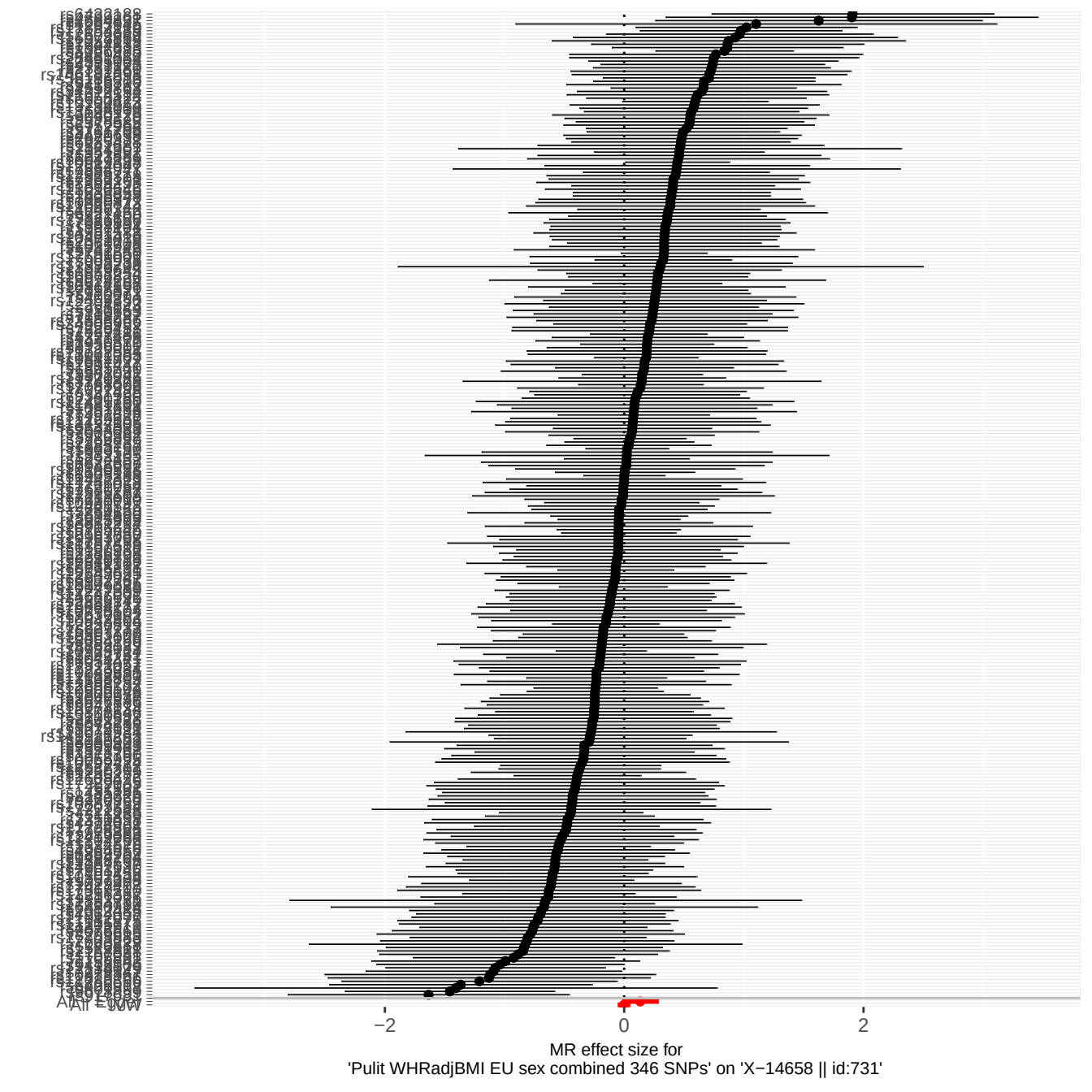

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14541 || id:726'

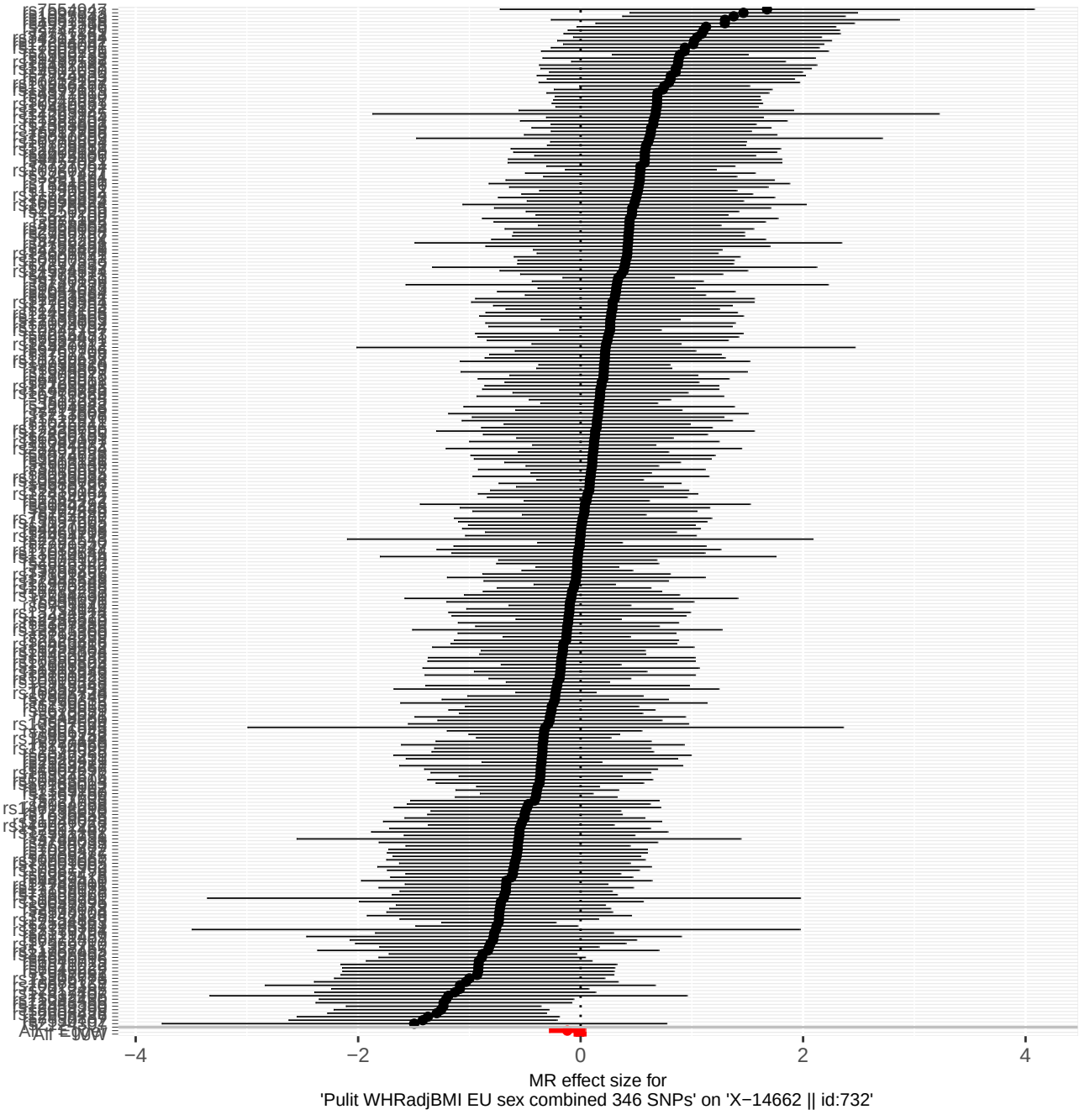

−0.4
−0.2
0.0
0.2
0.4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14588 || id:727'

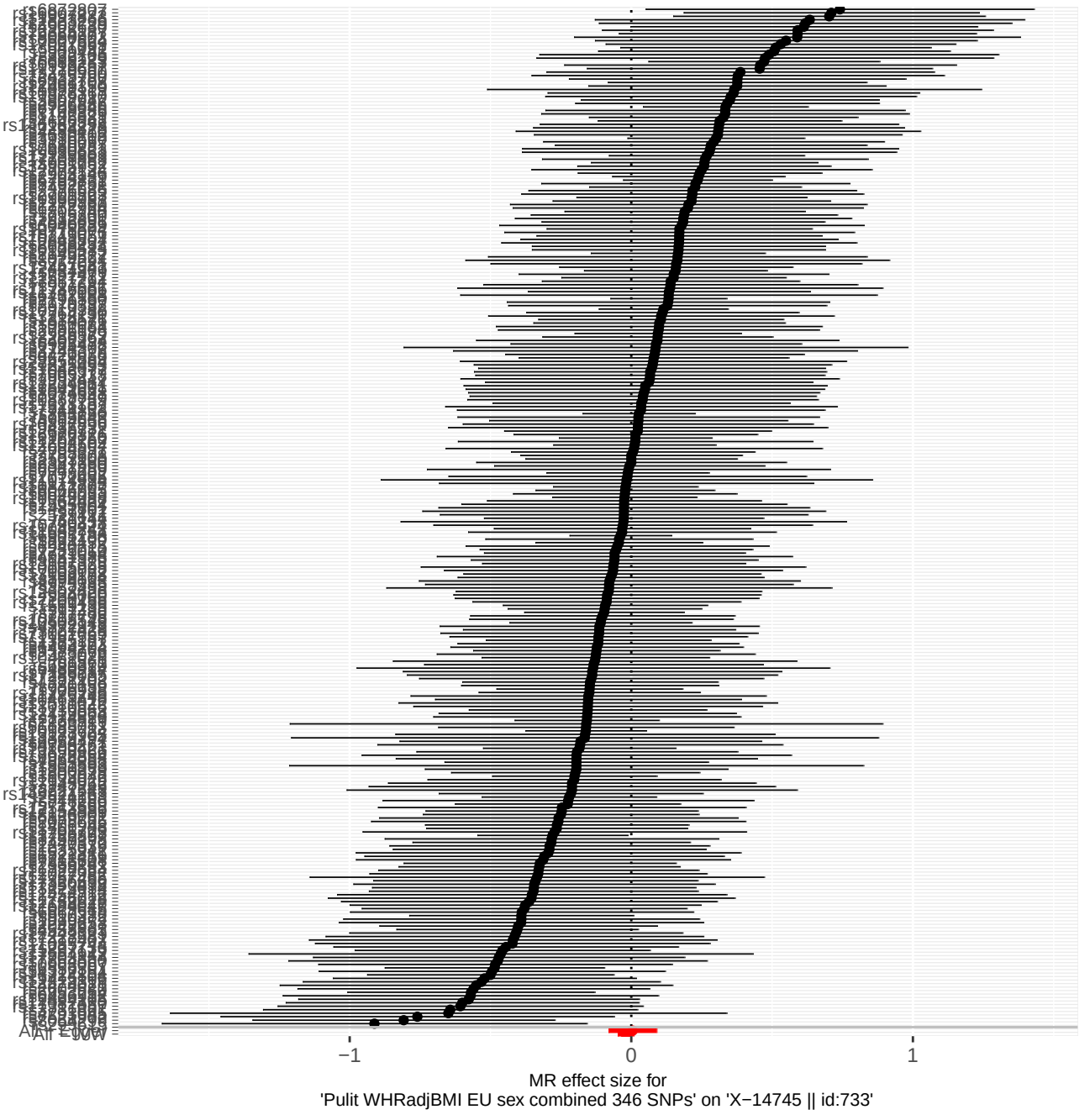

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14625 || id:728'

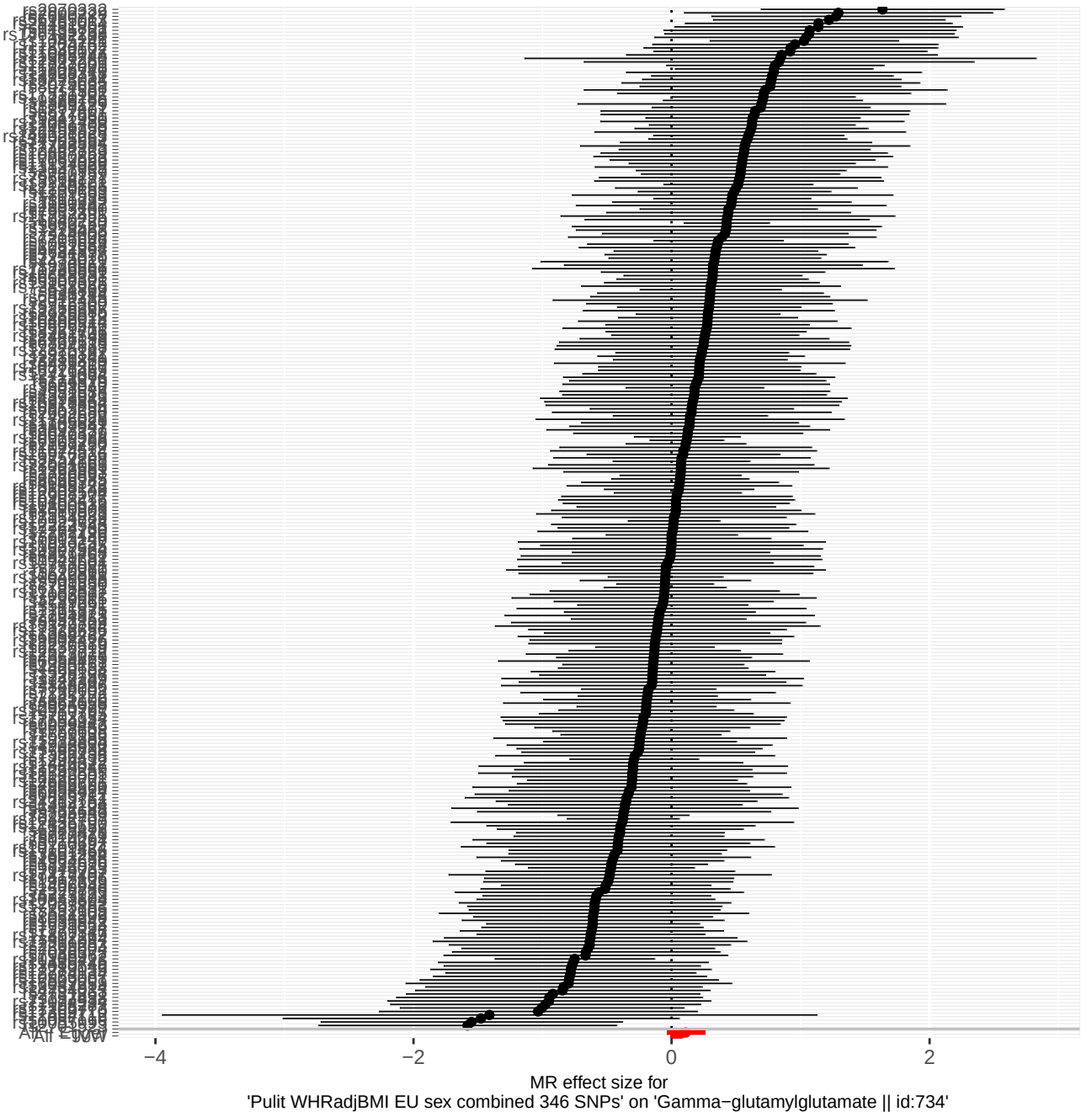

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14626 || id:729'

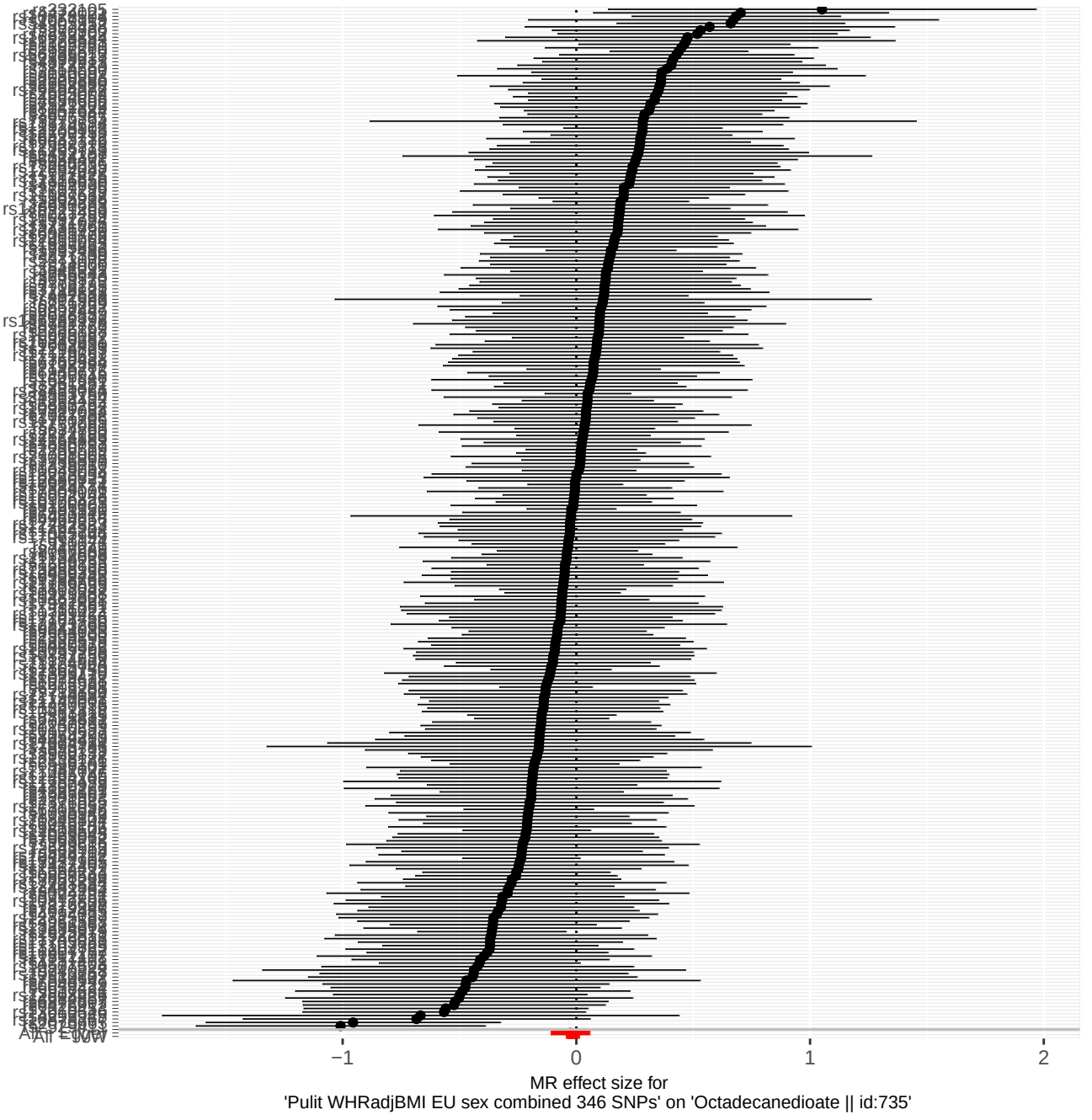

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14632 || id:730'

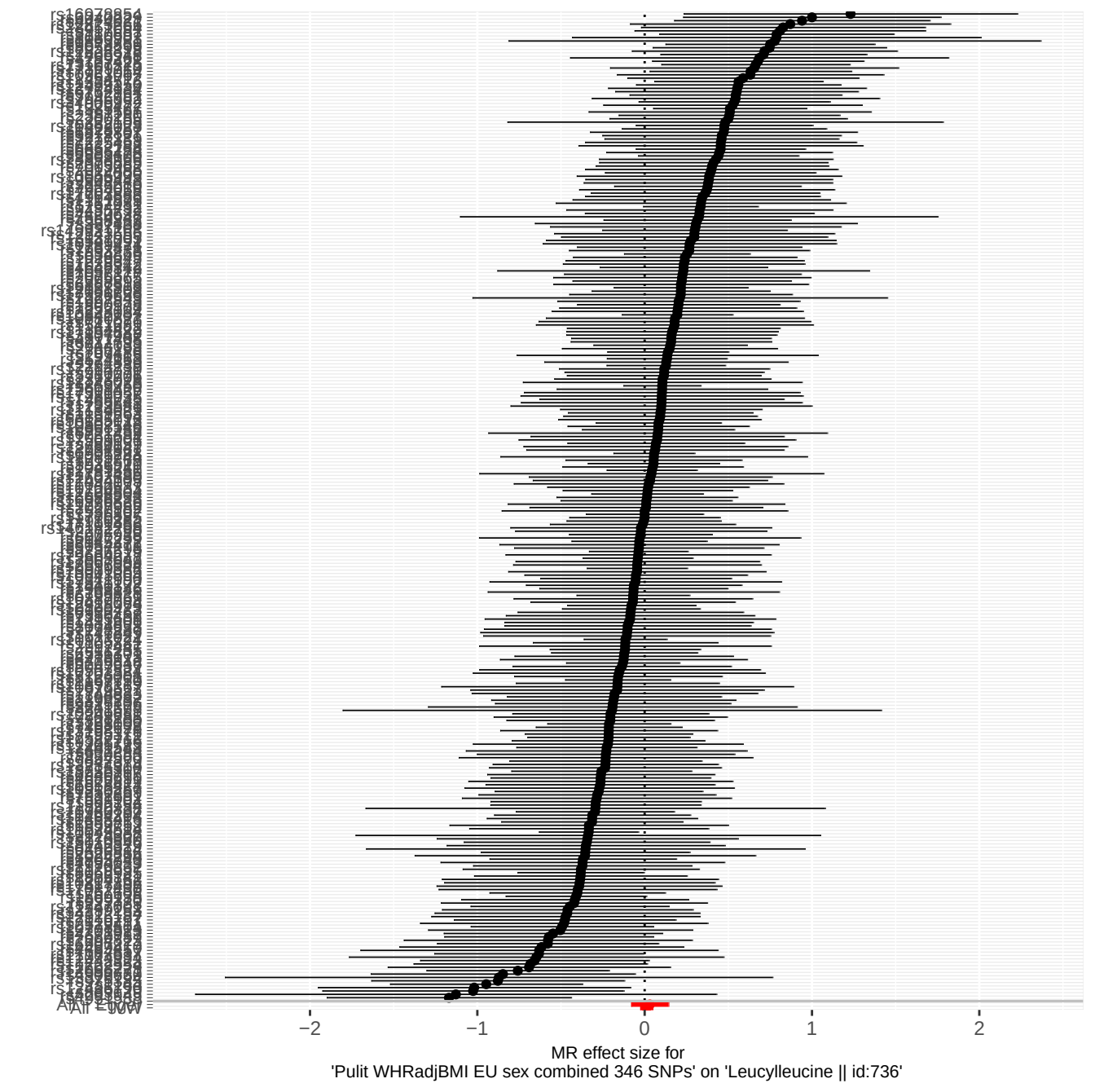

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14658 || id:731'

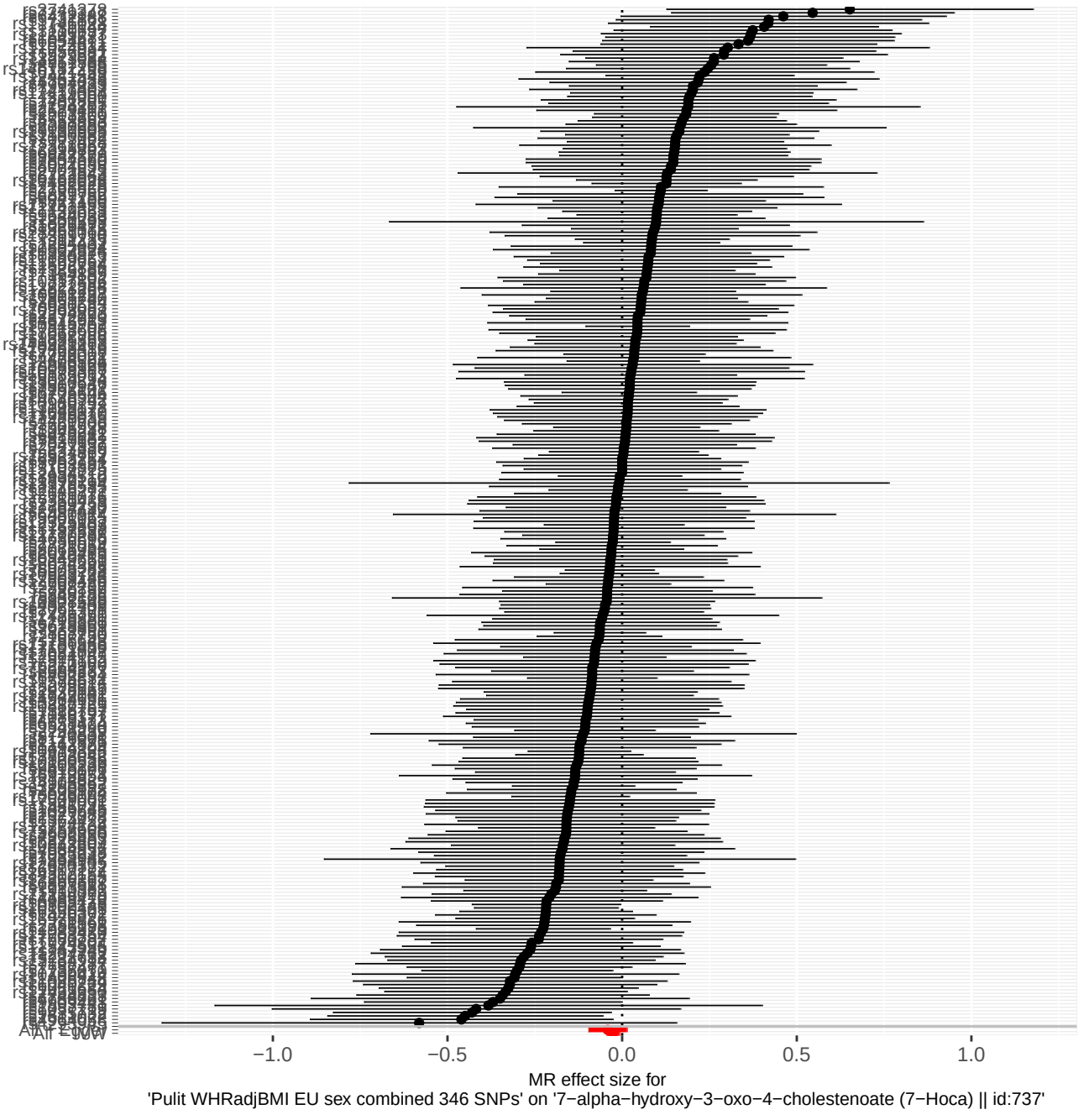

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14662 || id:732'

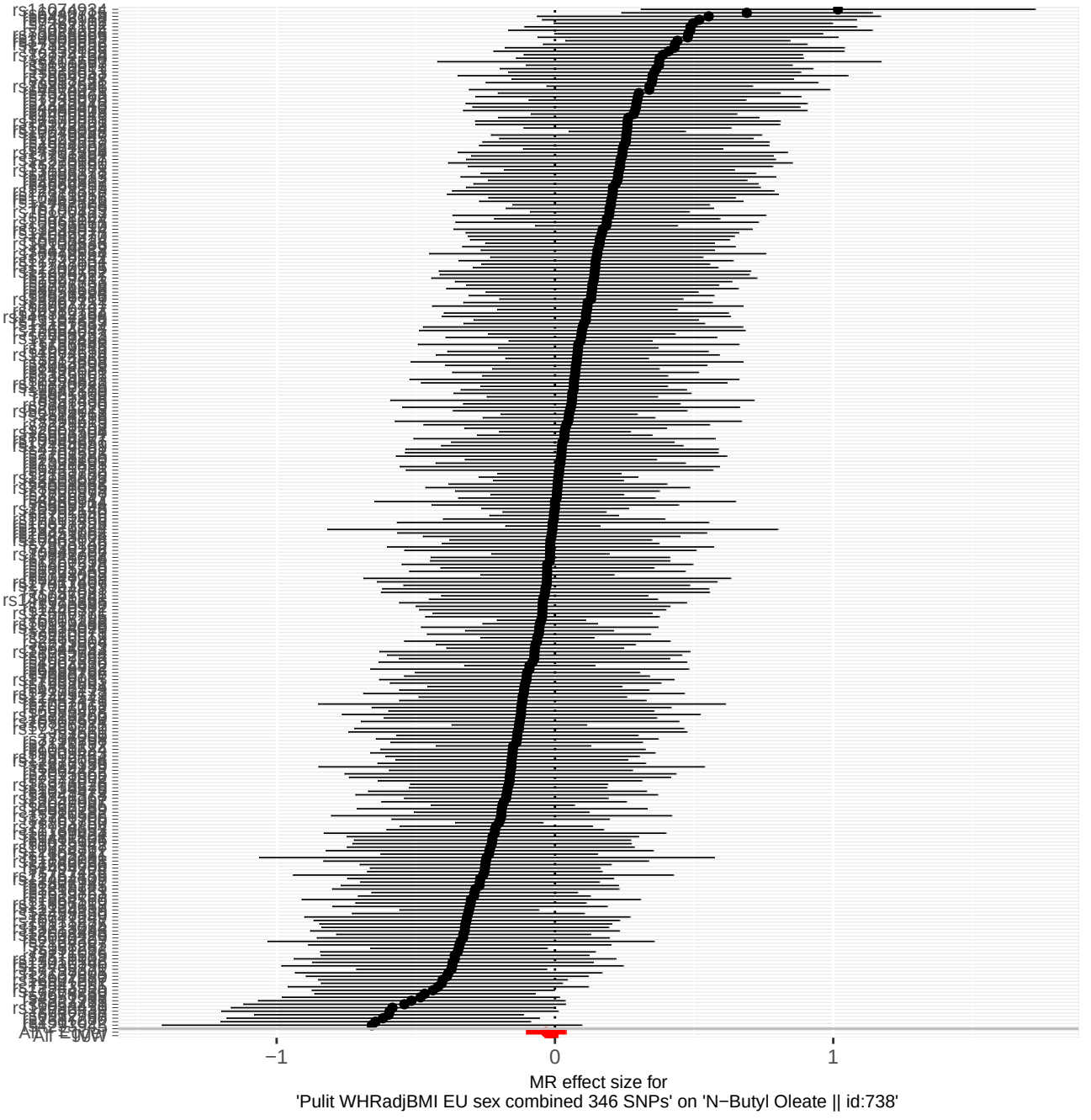

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14745 || id:733'

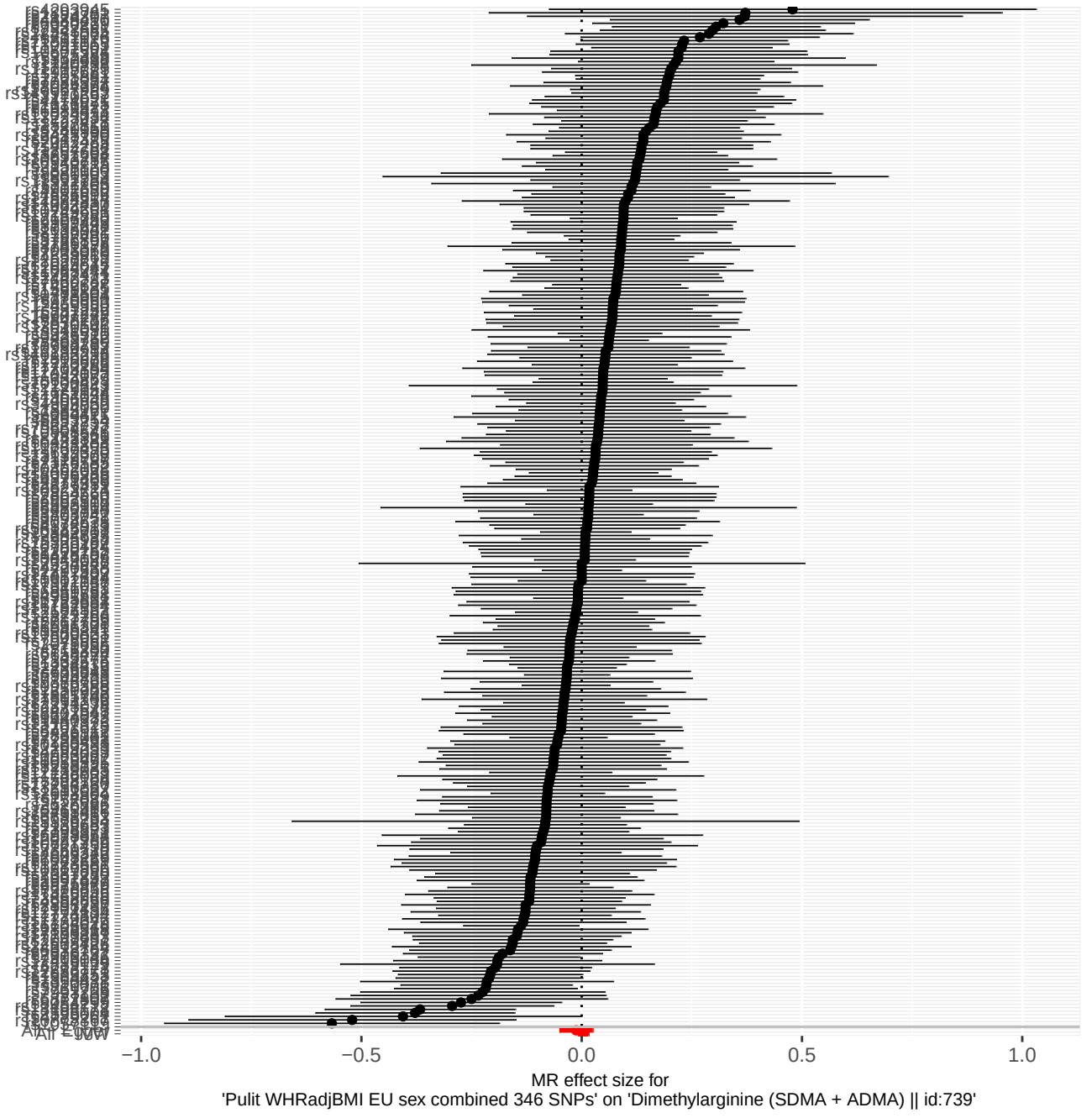

−4
−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Gamma−glutamylglutamate || id:734'

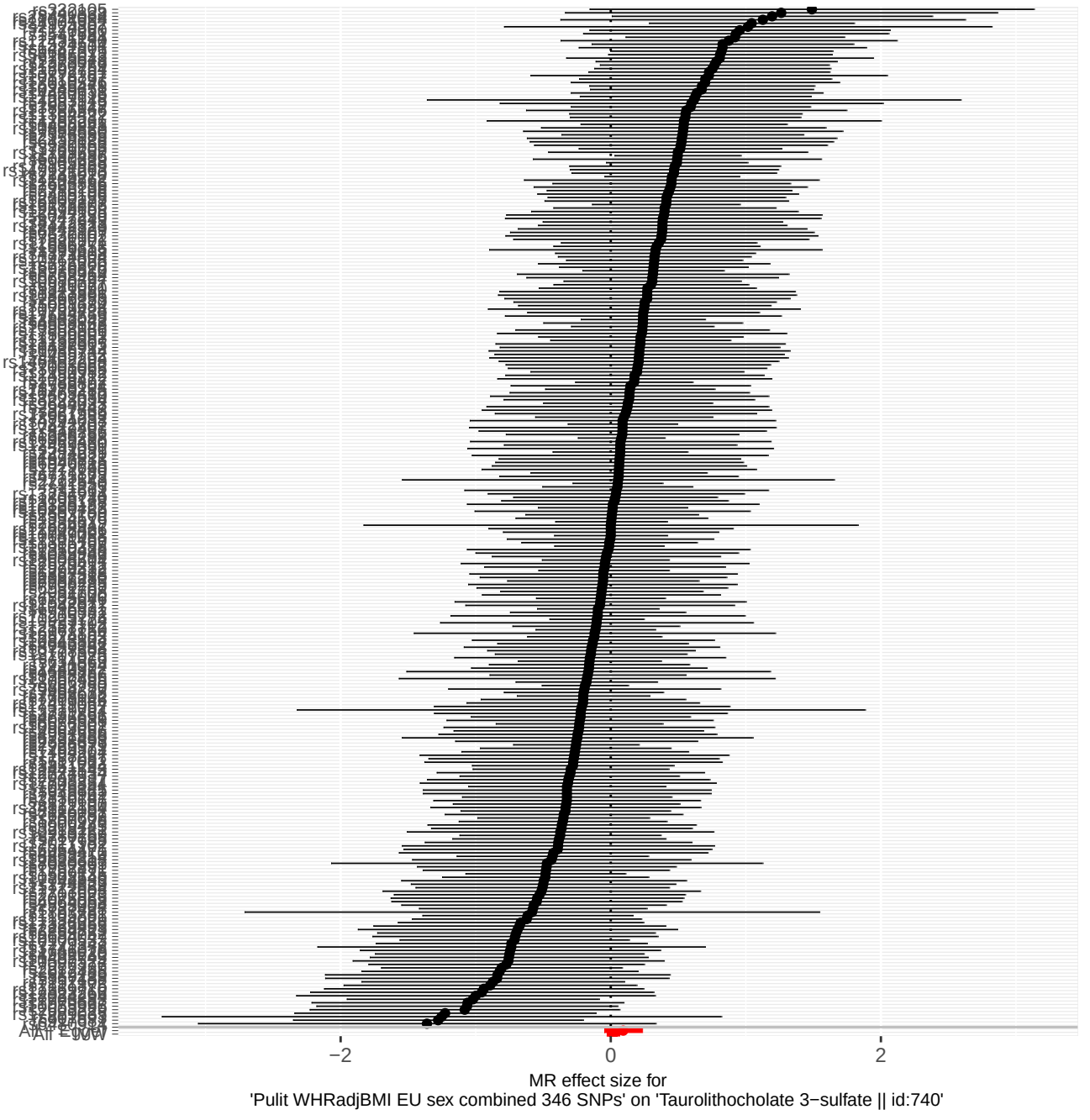

−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Octadecanedioate || id:735'

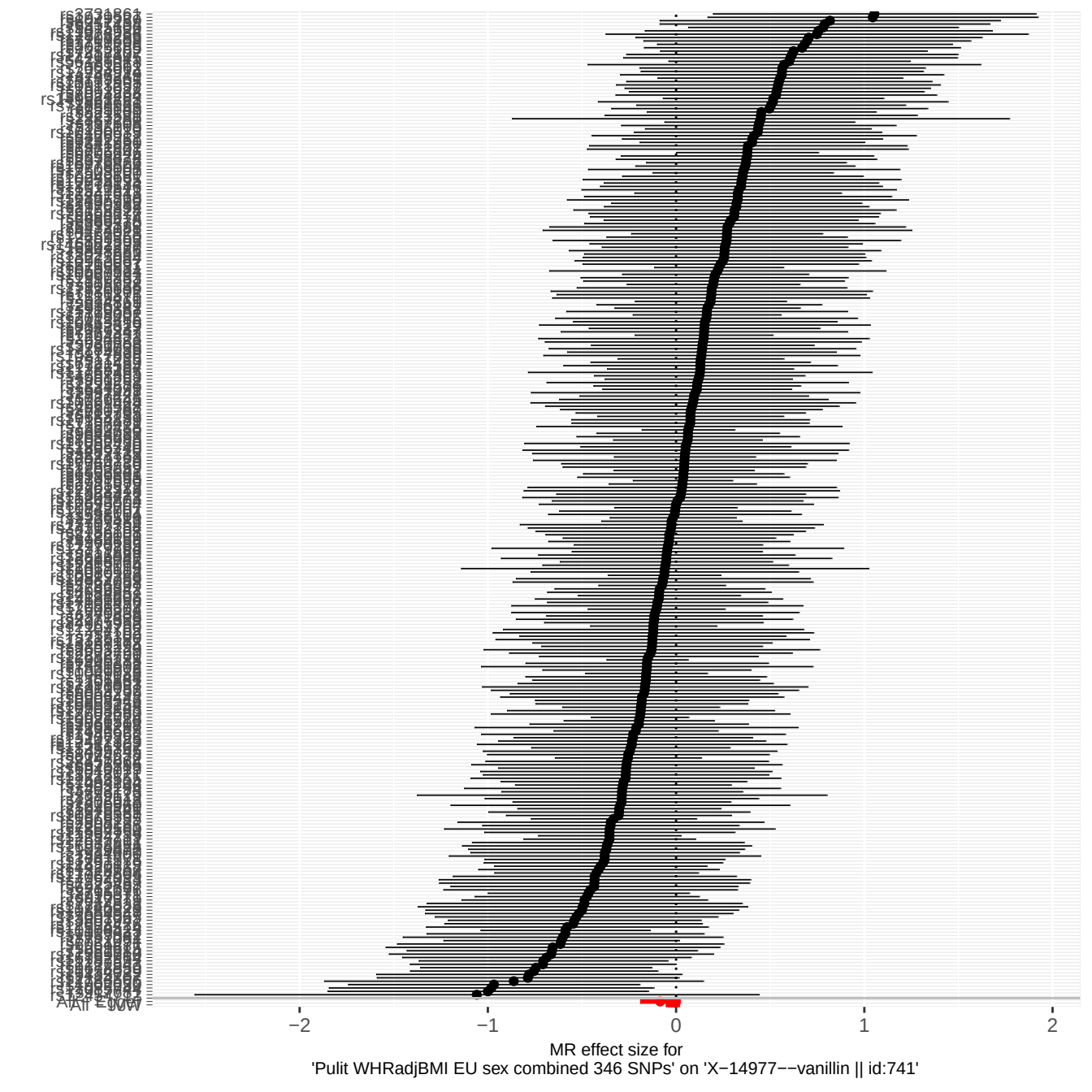

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Leucylleucine || id:736'

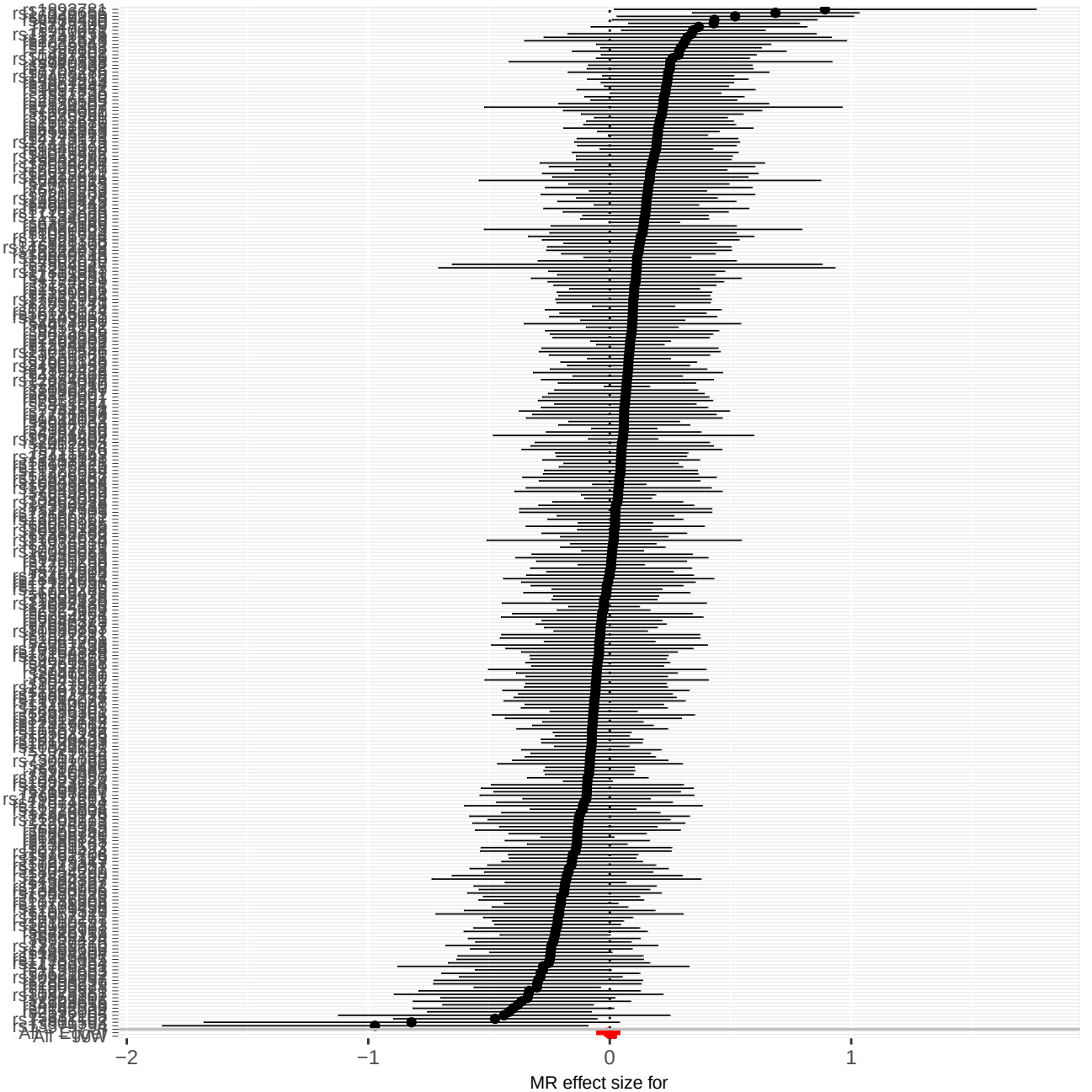

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '7−alpha−hydroxy−3−oxo−4−cholestenoate (7−Hoca) || id:737'

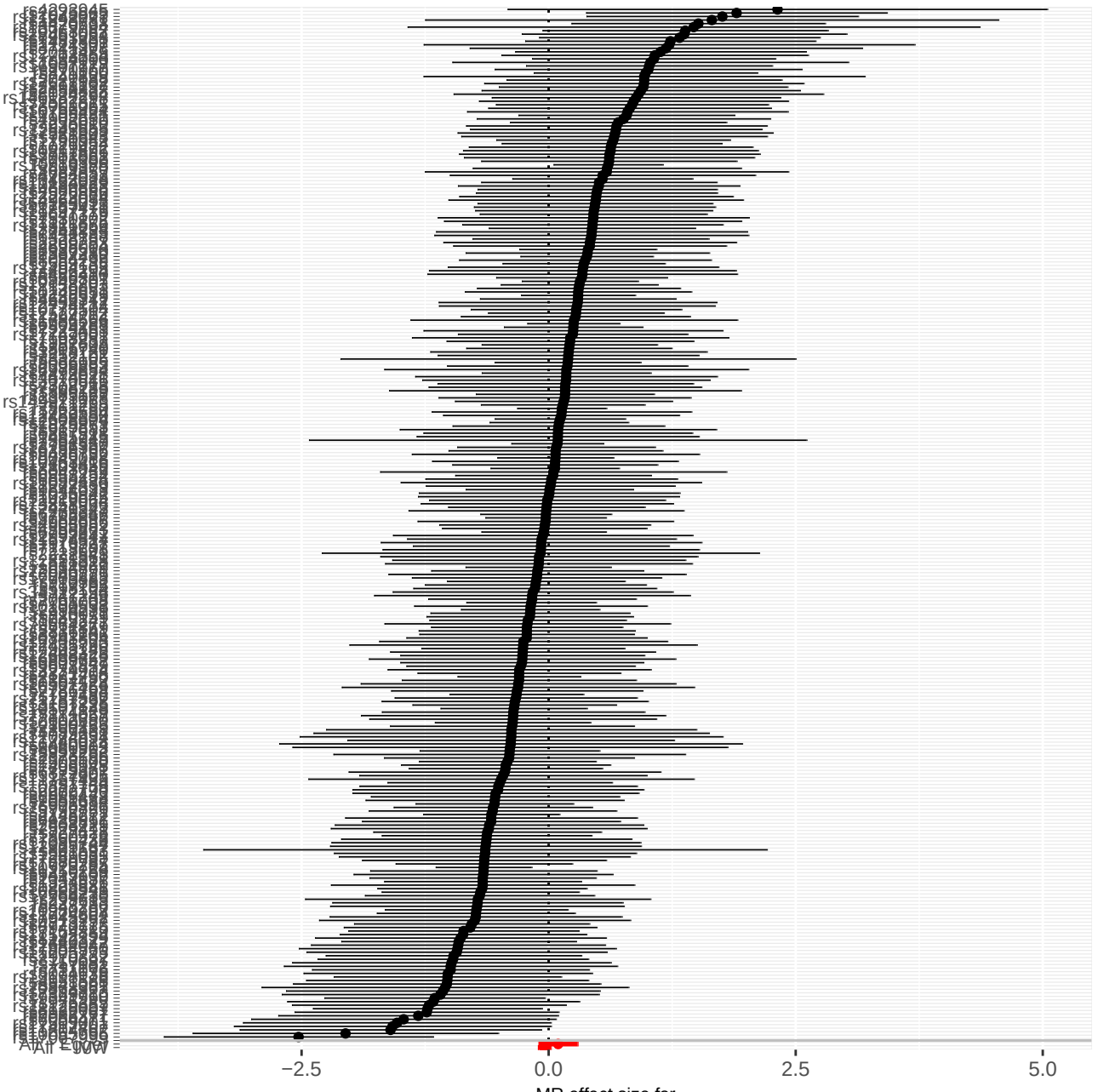

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'N−Butyl Oleate || id:738'

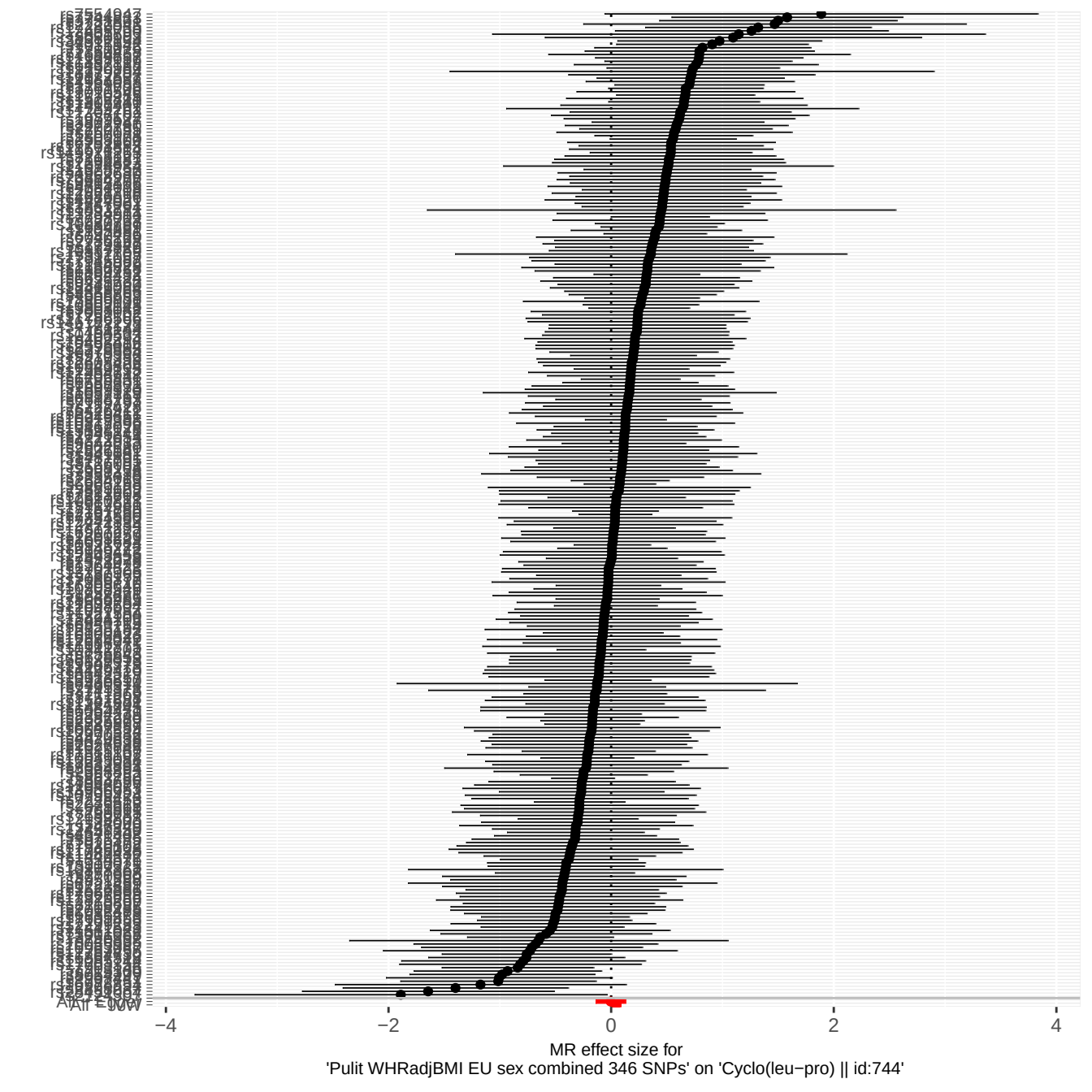

−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Dimethylarginine (SDMA + ADMA) || id:739'

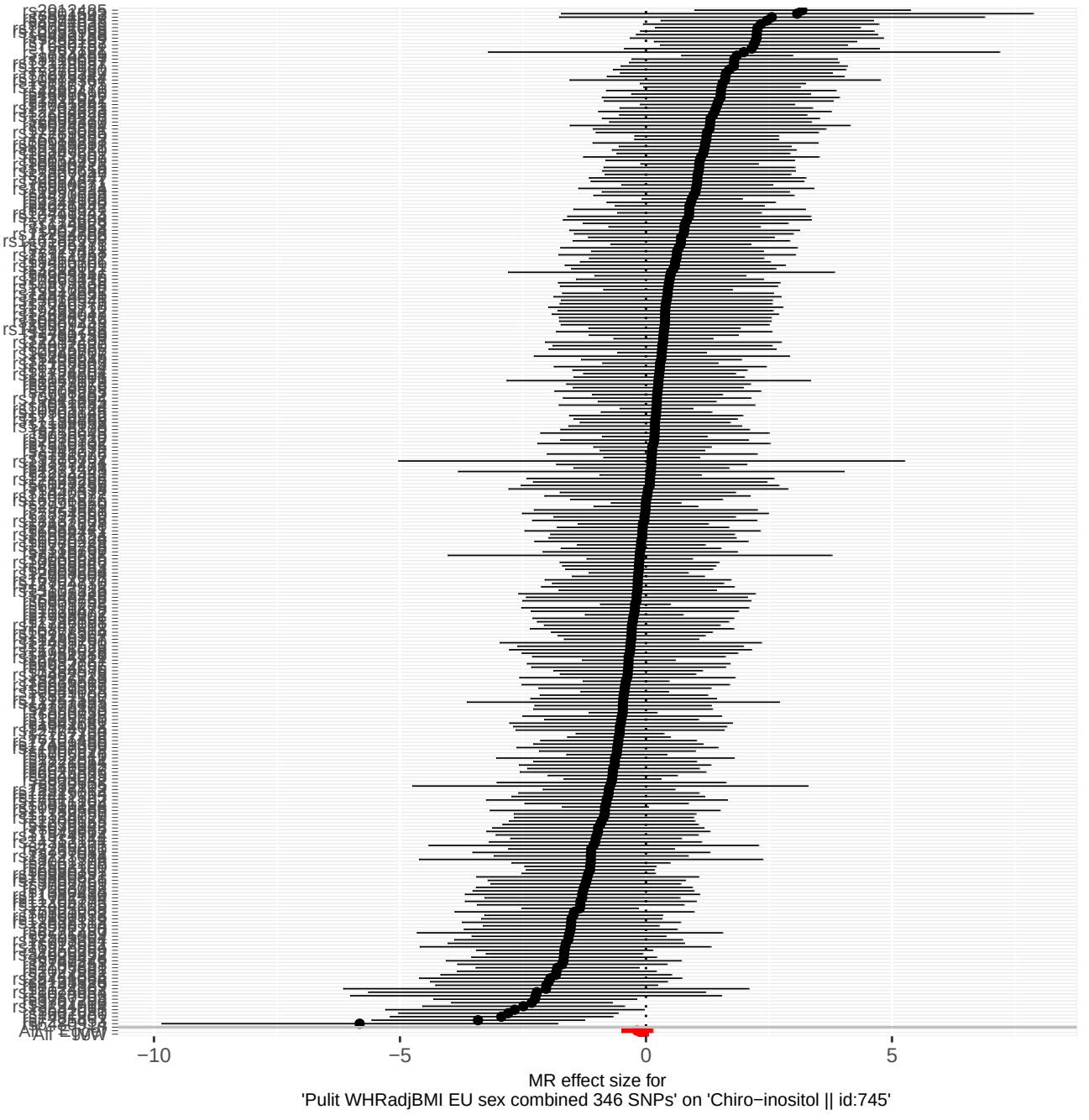

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Taurolithocholate 3−sulfate || id:740'

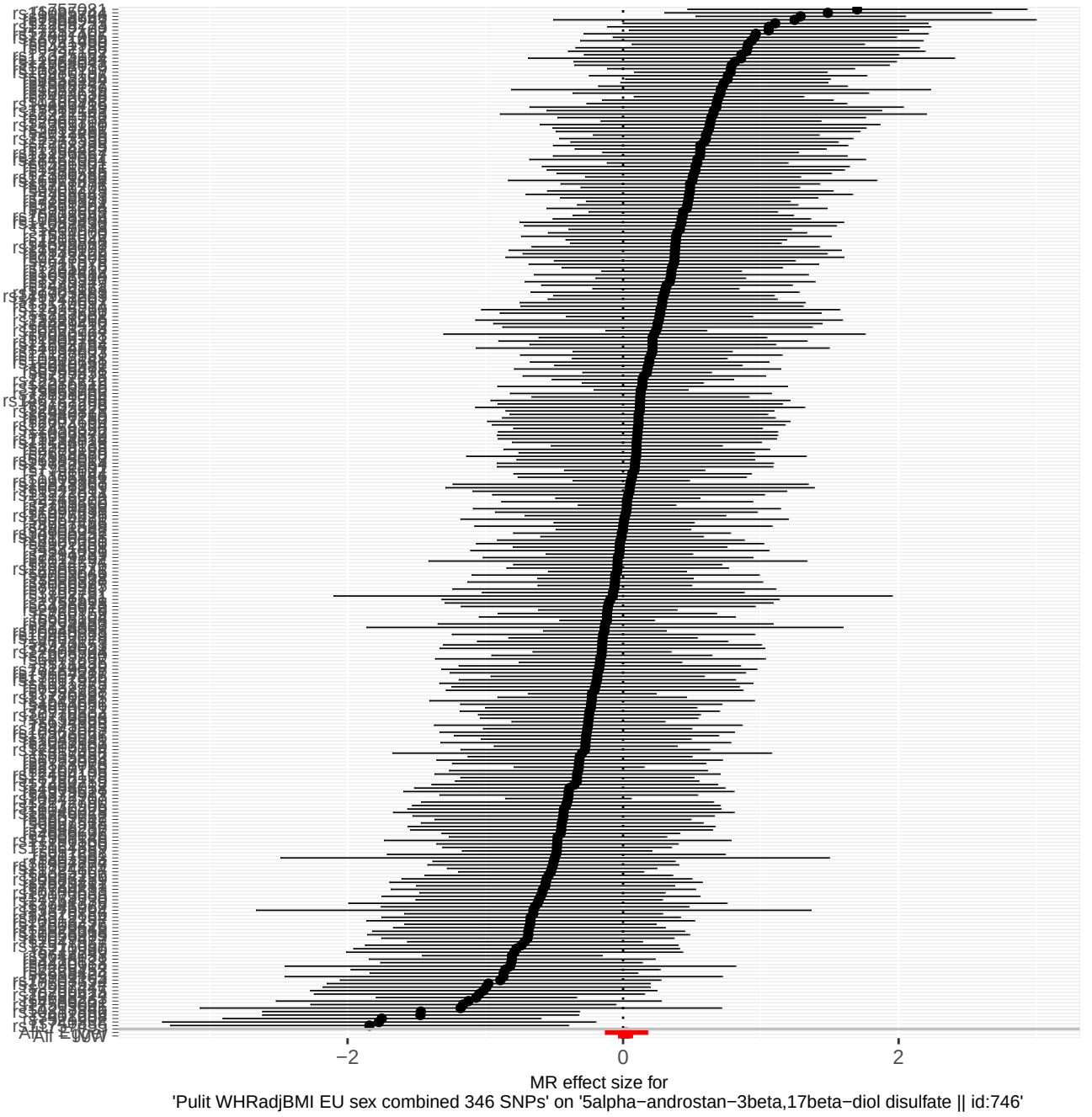

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'X−14977−−vanillin || id:741'

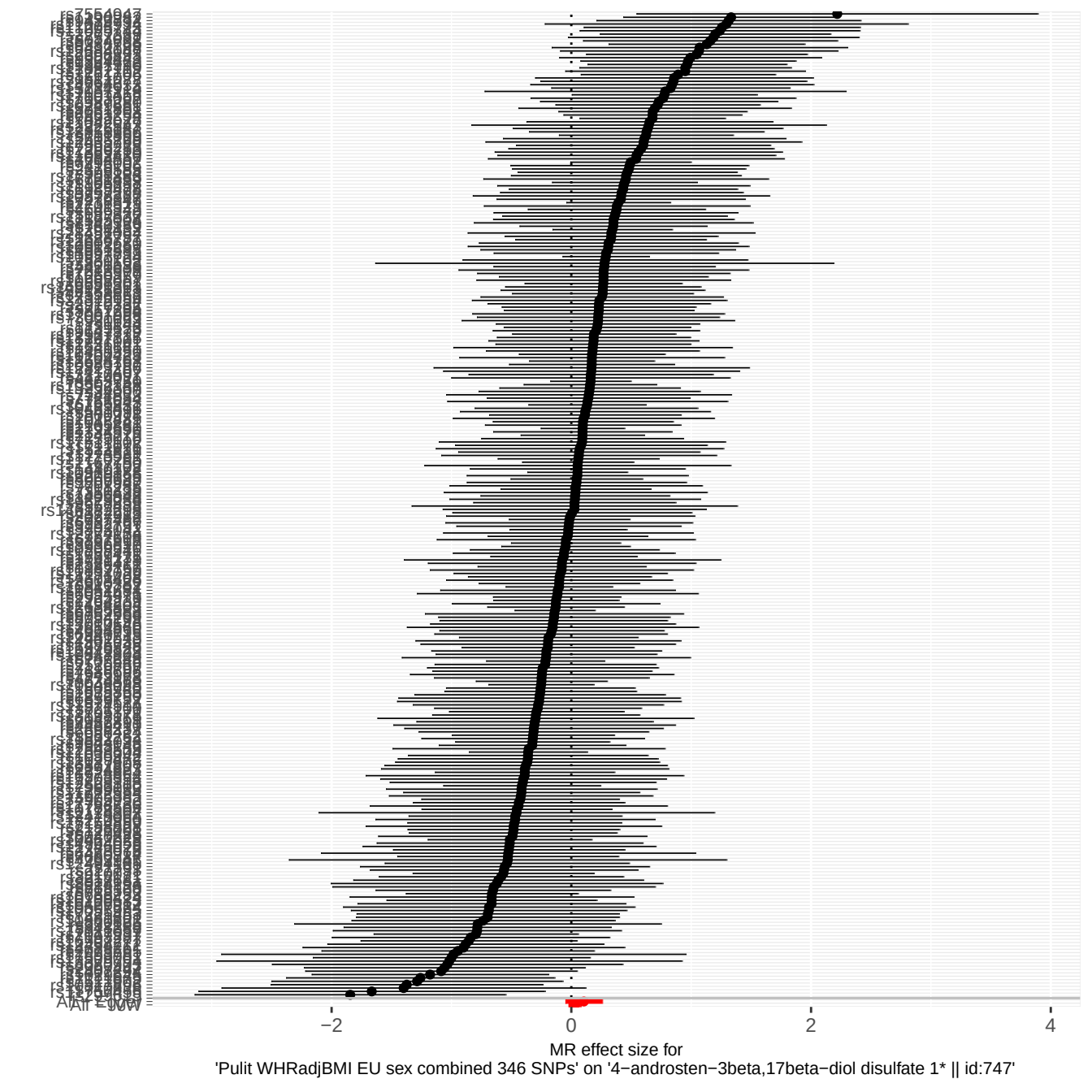

−2
−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Succinylcarnitine || id:742'

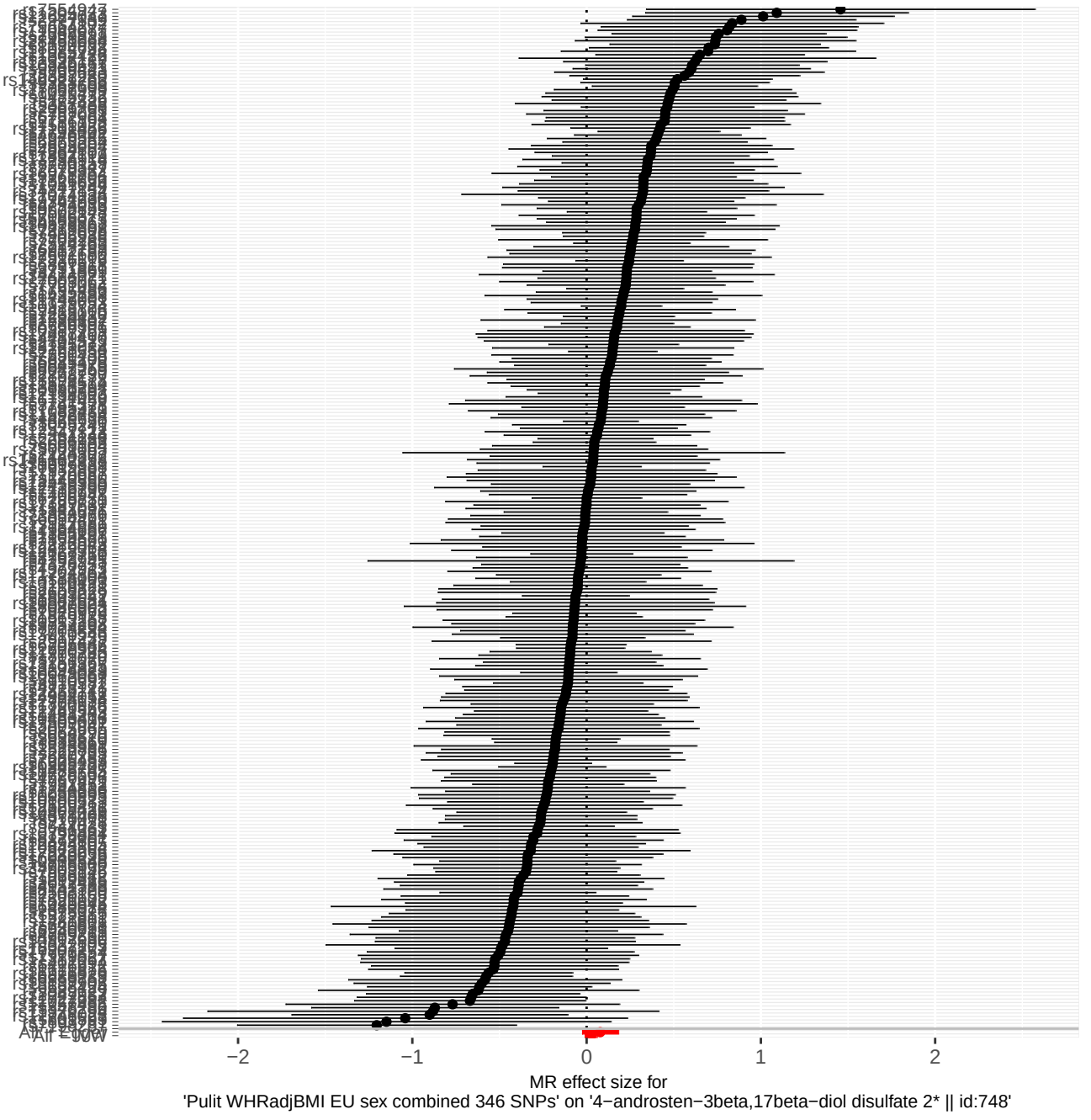

−2.5
0.0
2.5
5.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Tryptophan betaine || id:743'

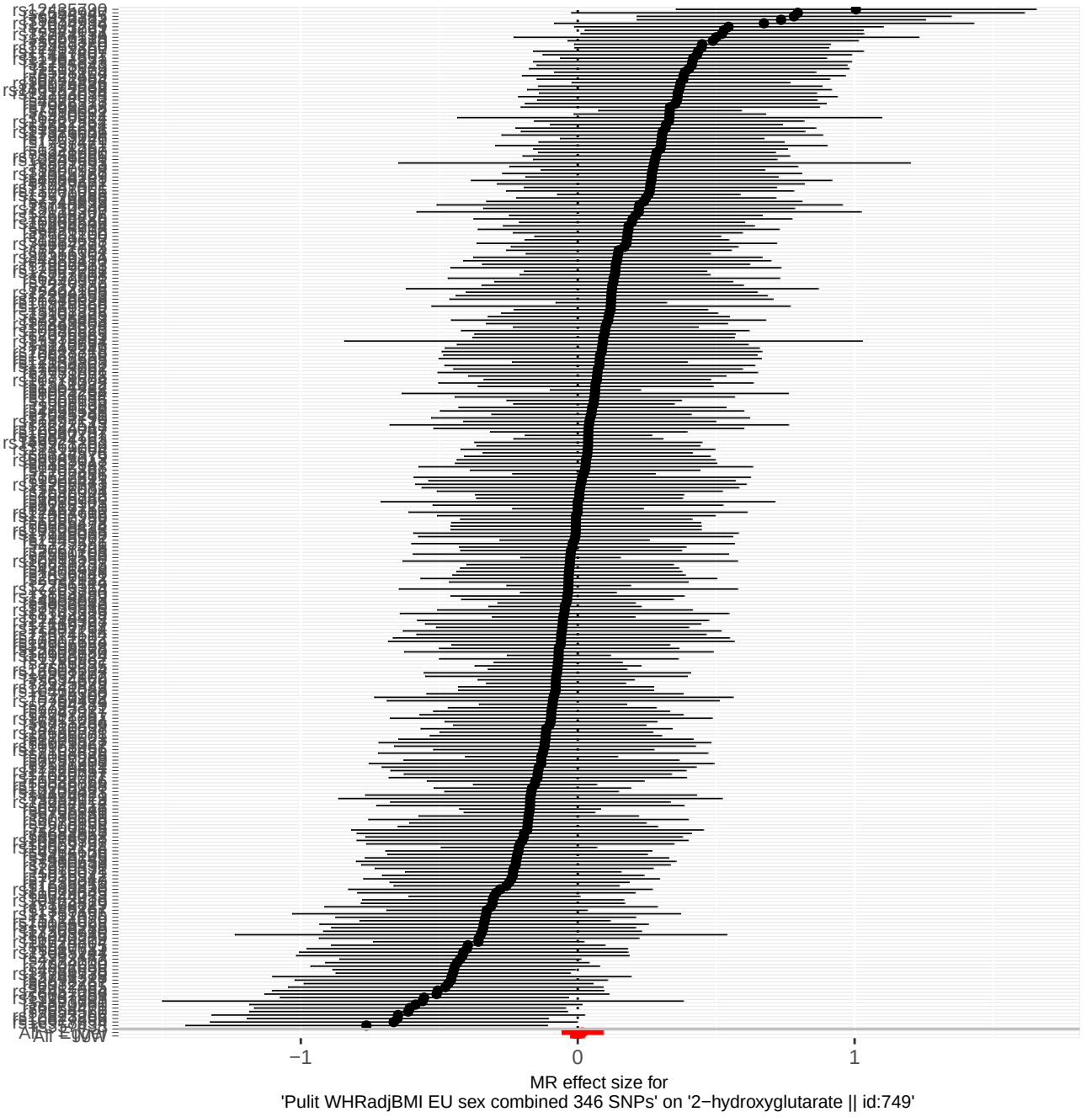

−4
−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Cyclo(leu−pro) || id:744'

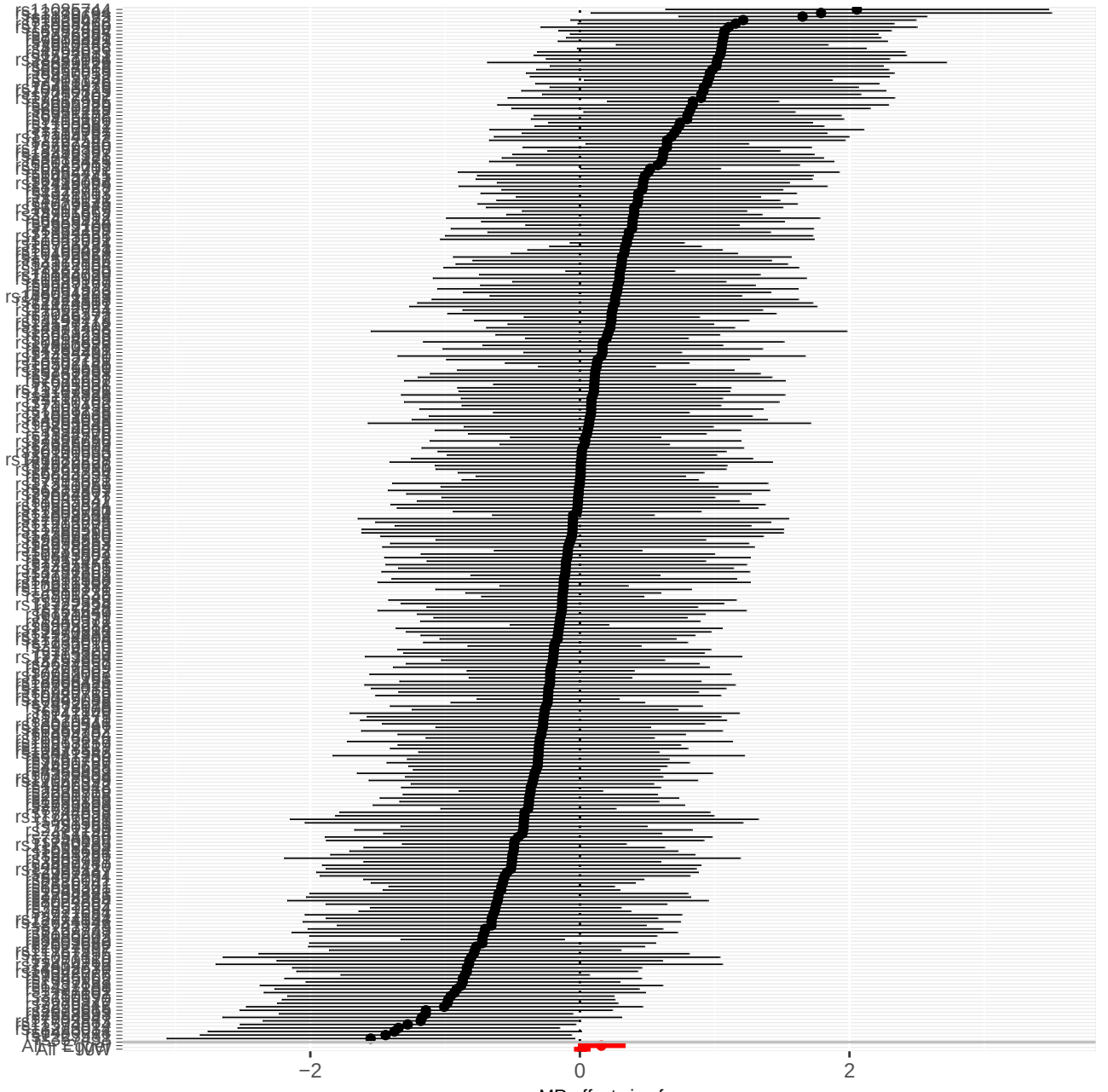

−10
−5
0
5
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Chiro−inositol || id:745'

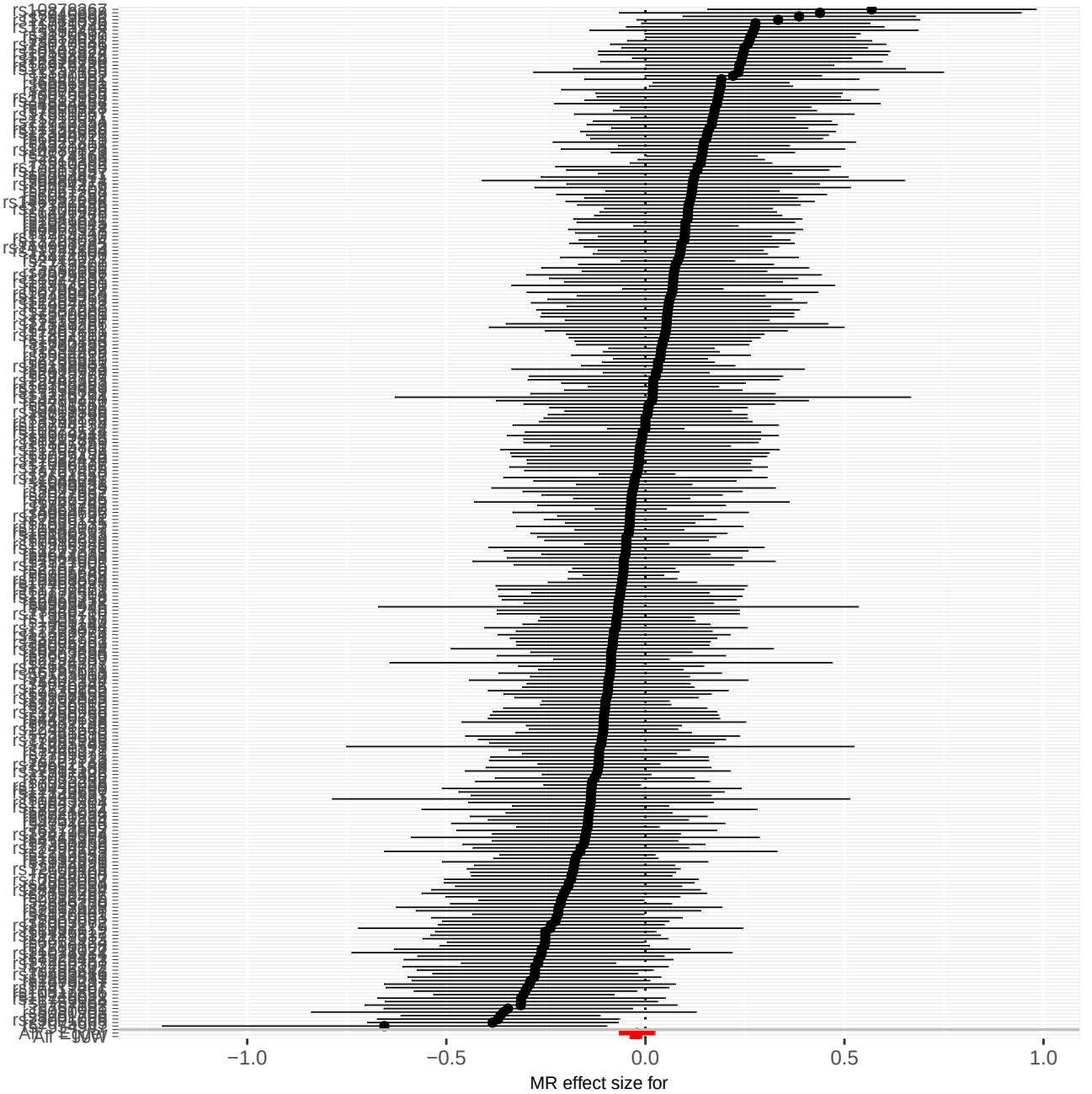

−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '5alpha−androstan−3beta,17beta−diol disulfate || id:746'

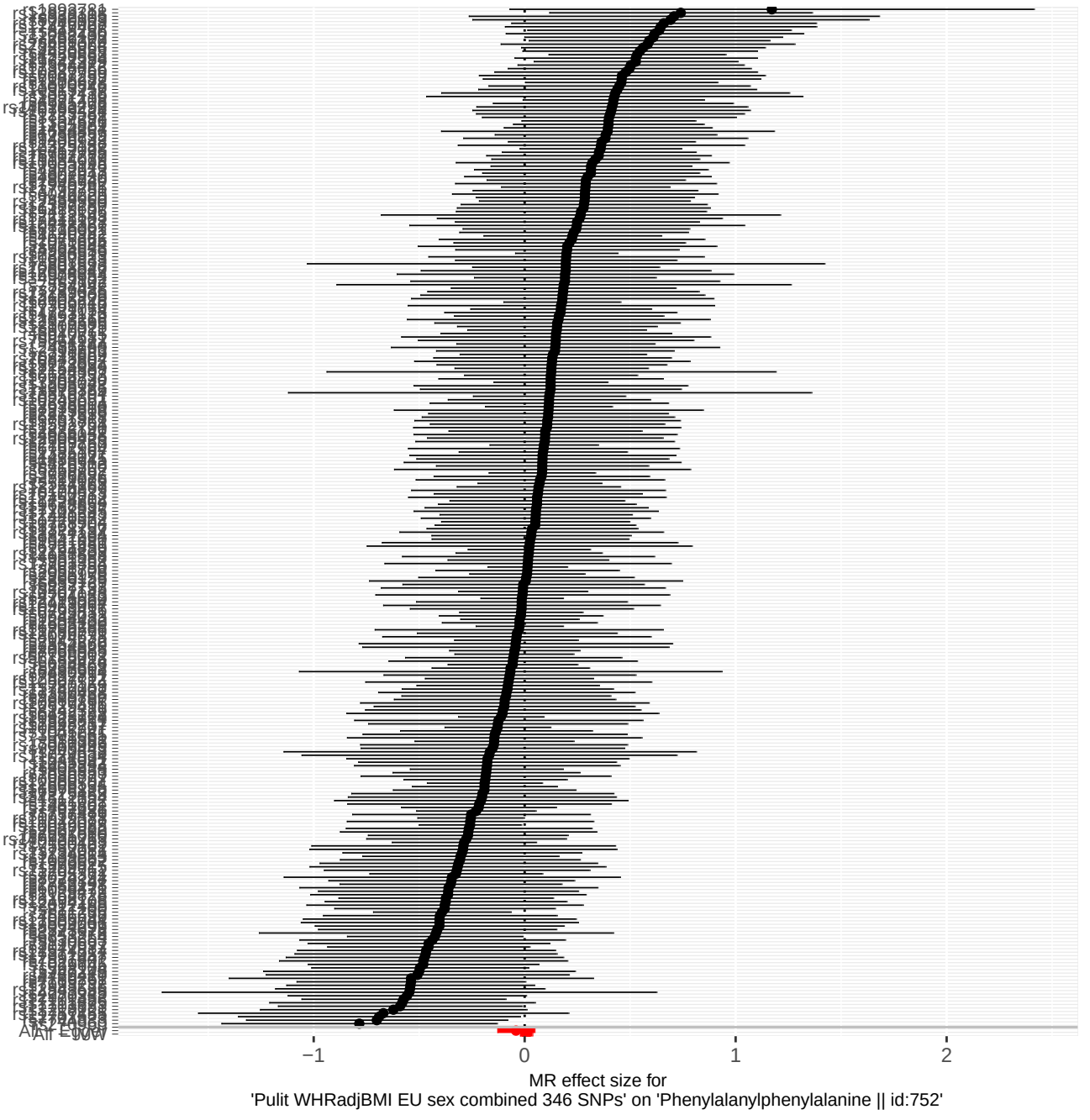

−2
0
2
4
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '4−androsten−3beta,17beta−diol disulfate 1* || id:747'

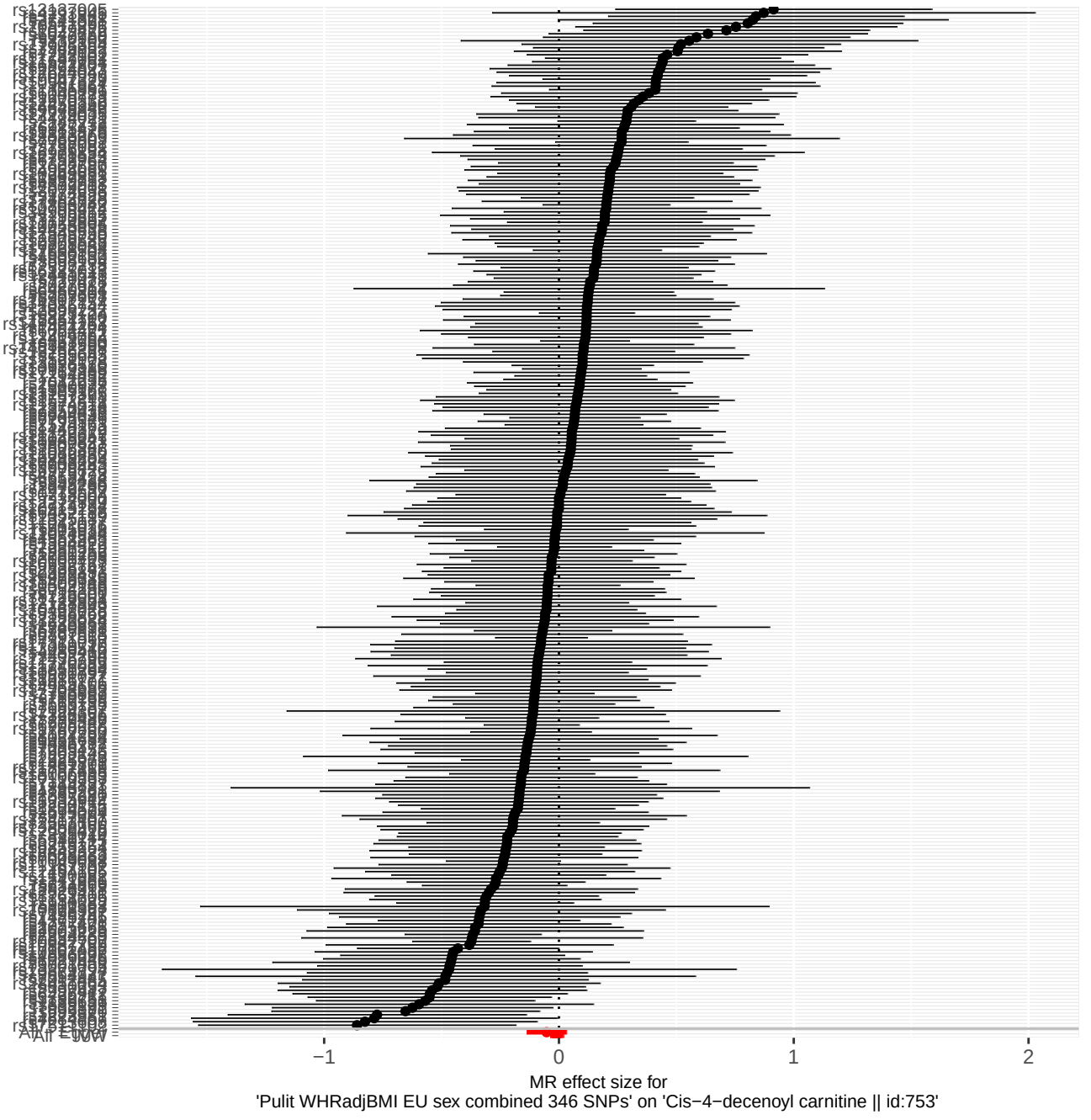

−2
−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '4−androsten−3beta,17beta−diol disulfate 2* || id:748'

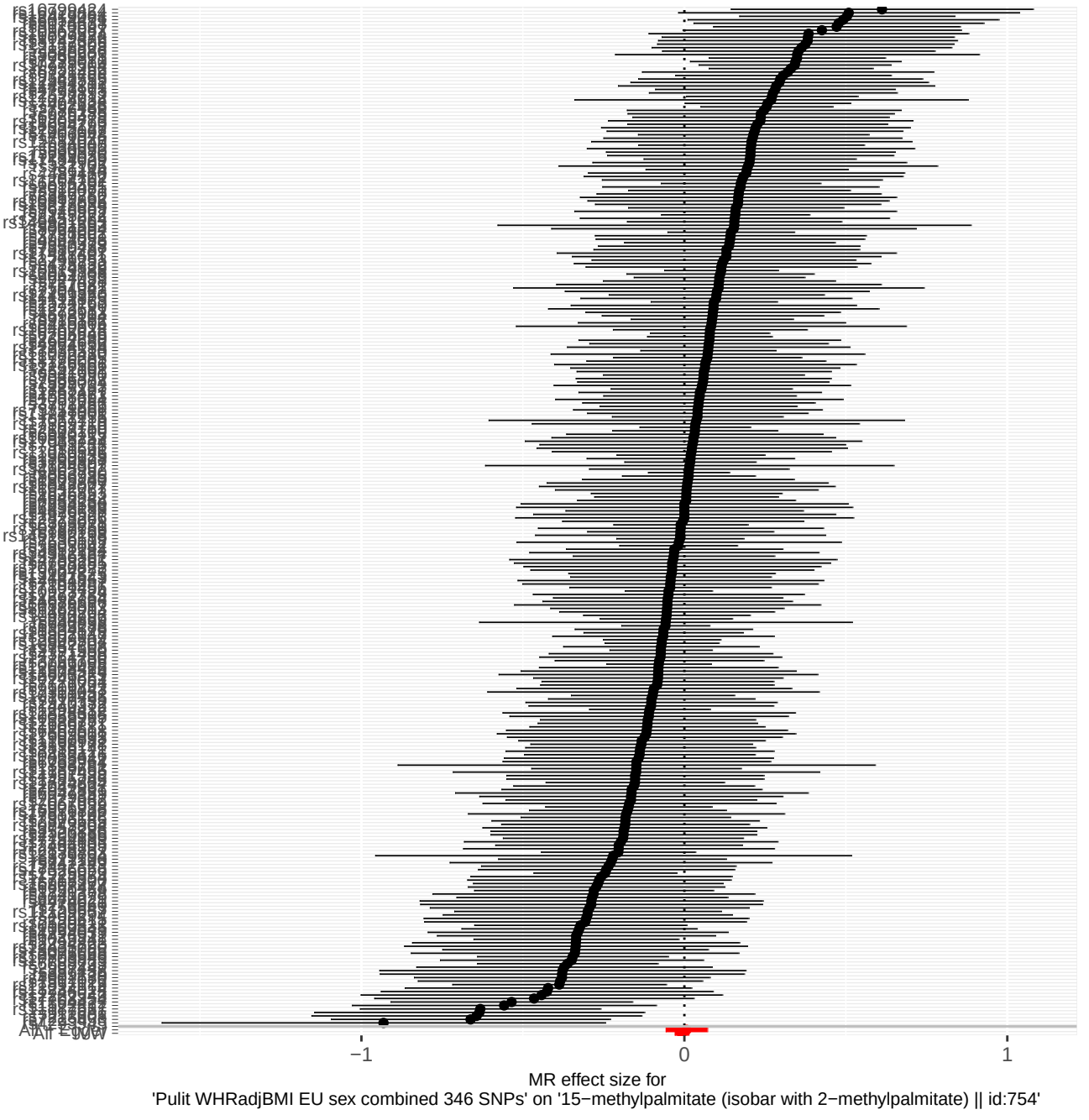

−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '2−hydroxyglutarate || id:749'


−2
0
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Ergothioneine || id:750'


−1.0
−0.5
0.0
0.5
1.0
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Palmitoyl sphingomyelin || id:751'


−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Phenylalanylphenylalanine || id:752'


−1
0
1
2
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on 'Cis−4−decenoyl carnitine || id:753'


−1
0
1
MR effect size for
'Pulit WHRadjBMI EU sex combined 346 SNPs' on '15−methylpalmitate (isobar with 2−methylpalmitate) || id:754'