

rs6728726

rs693839

rs1558902

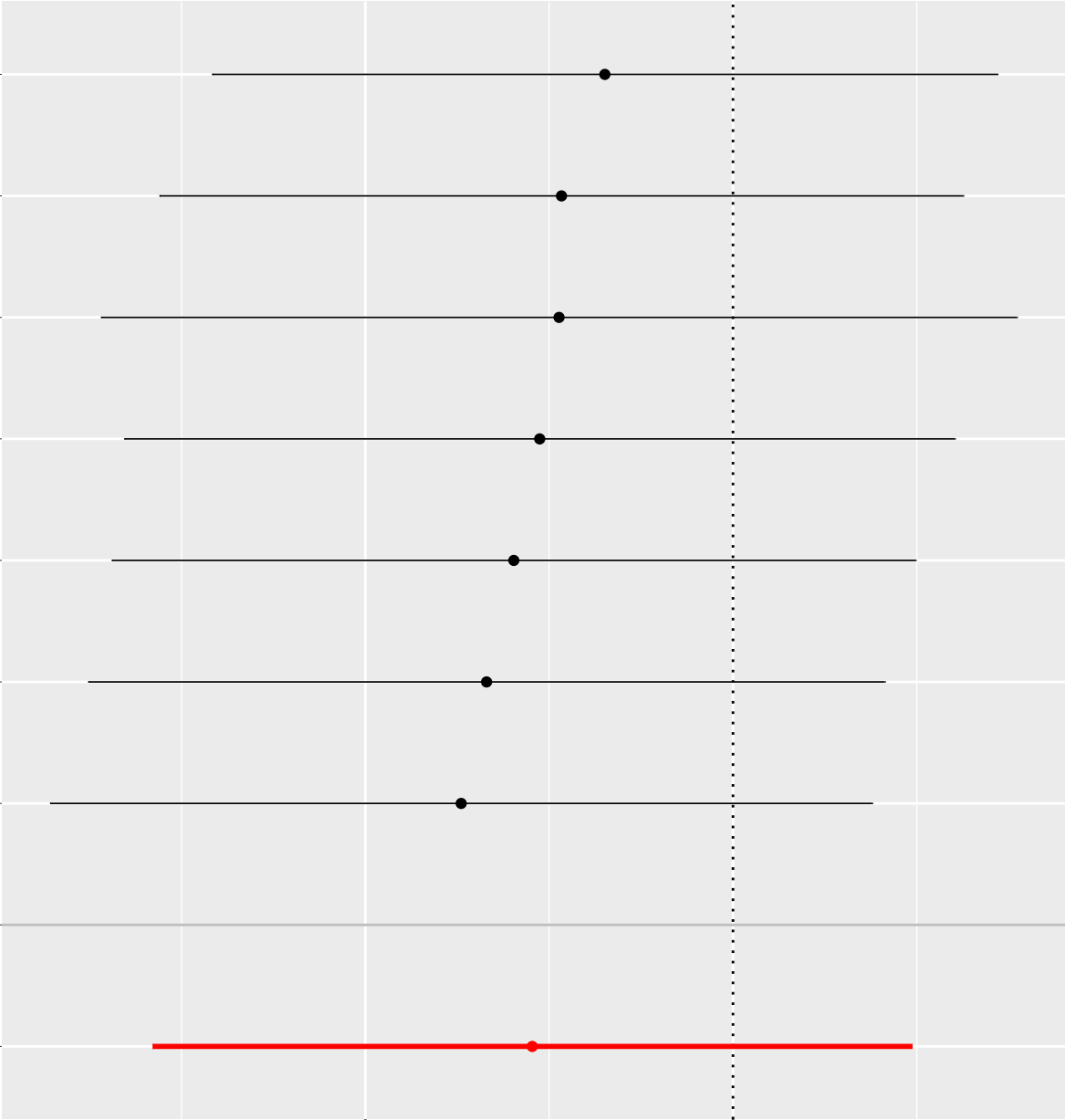
rs2943650

rs6738627

rs6857

rs9906944

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Histidine || id:305'

rs6738627

rs2943650

rs6728726

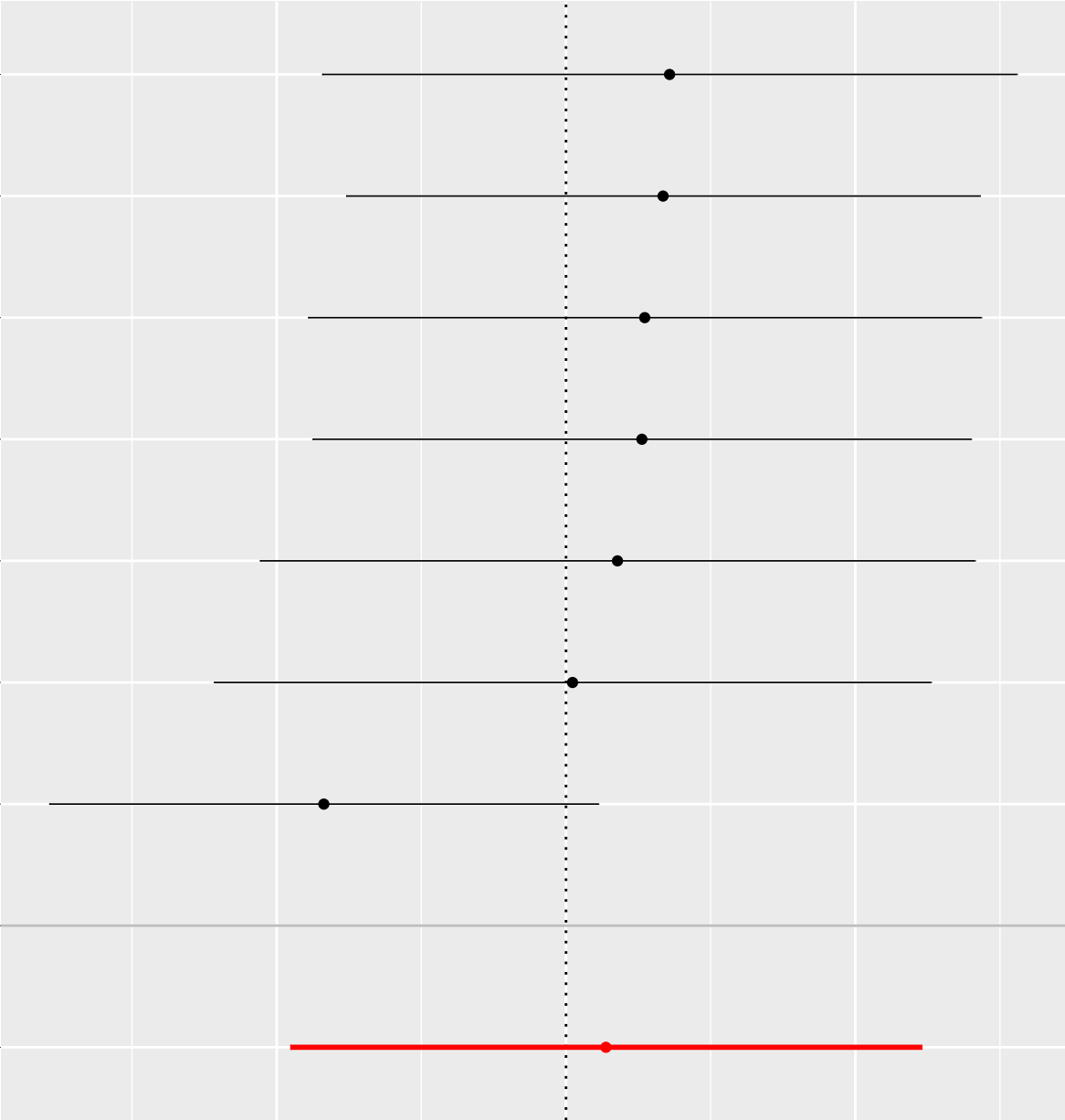
rs693839

rs9906944

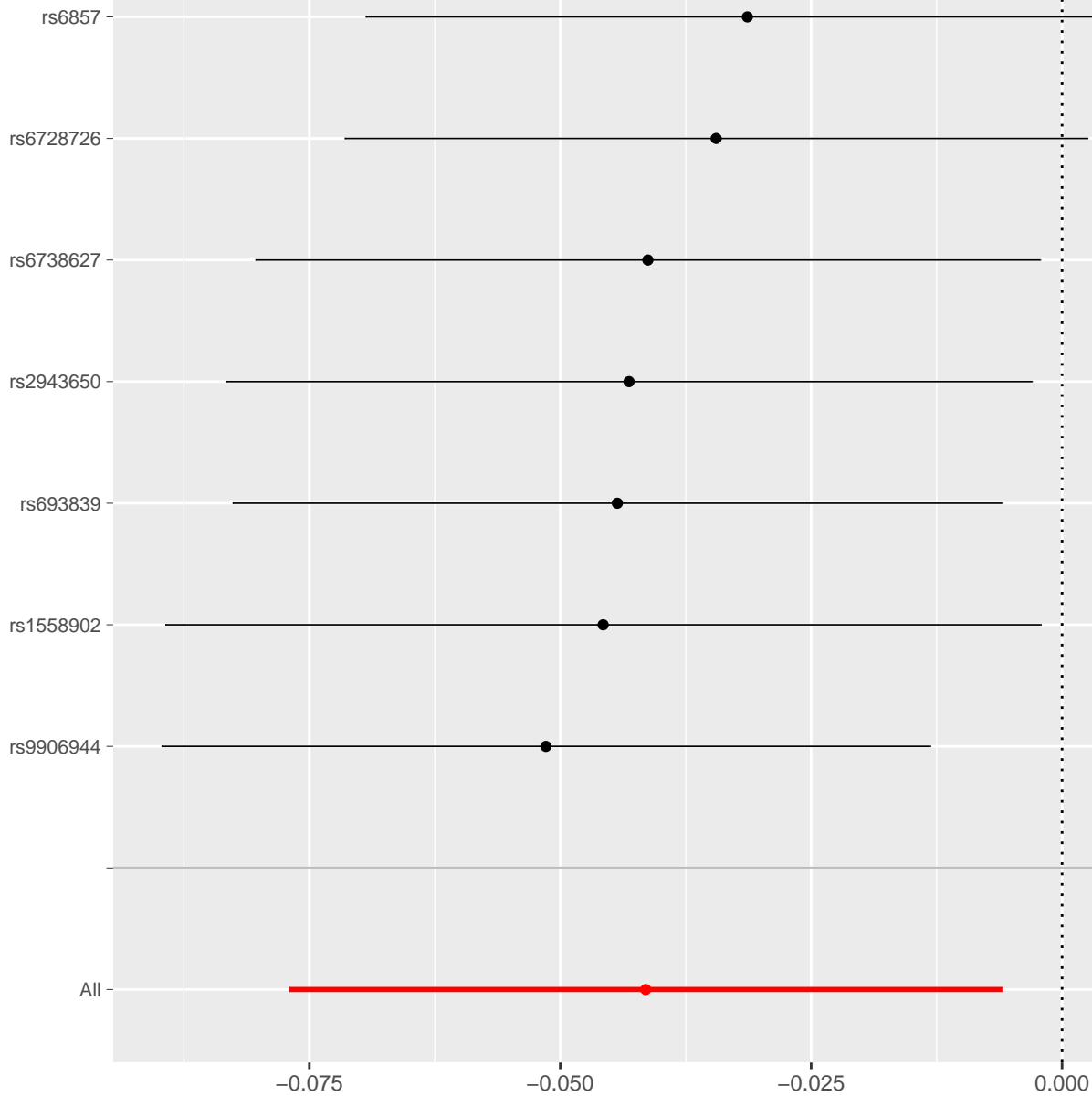
rs6857

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Leucine || id:306'



rs6738627

rs693839

rs2943650

rs9906944

rs6728726

rs1558902

rs6857

All

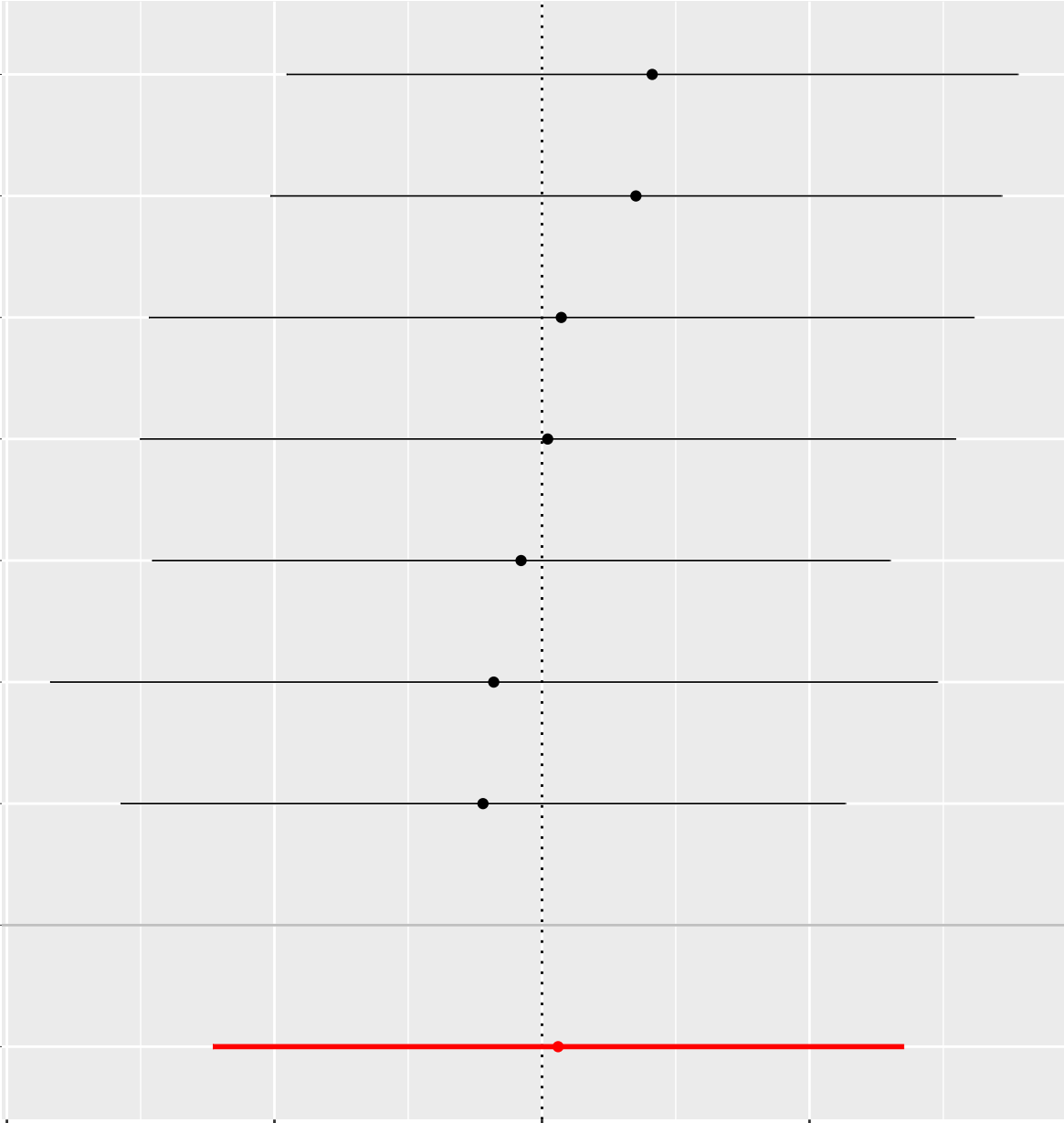
-0.04

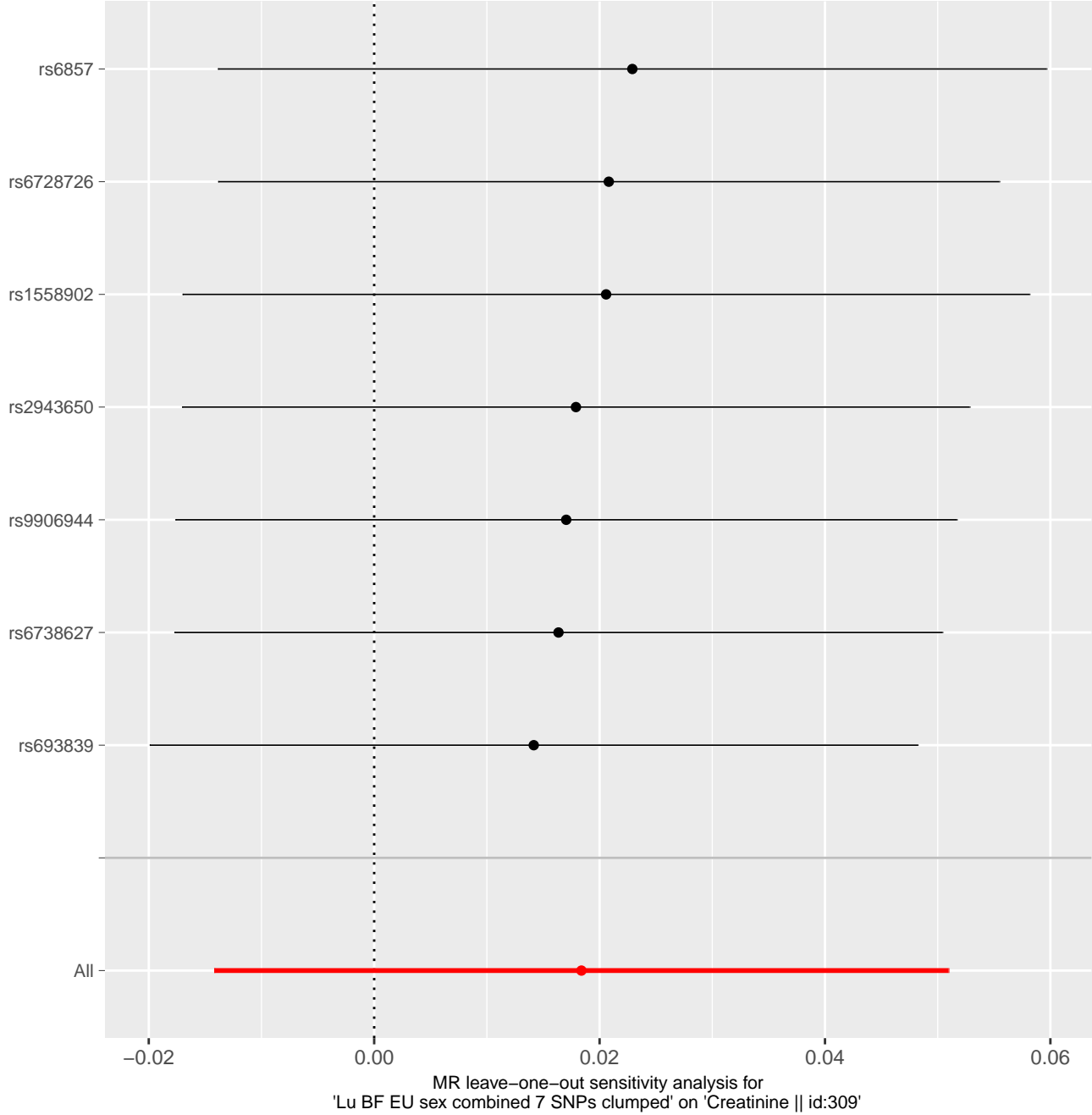
-0.02

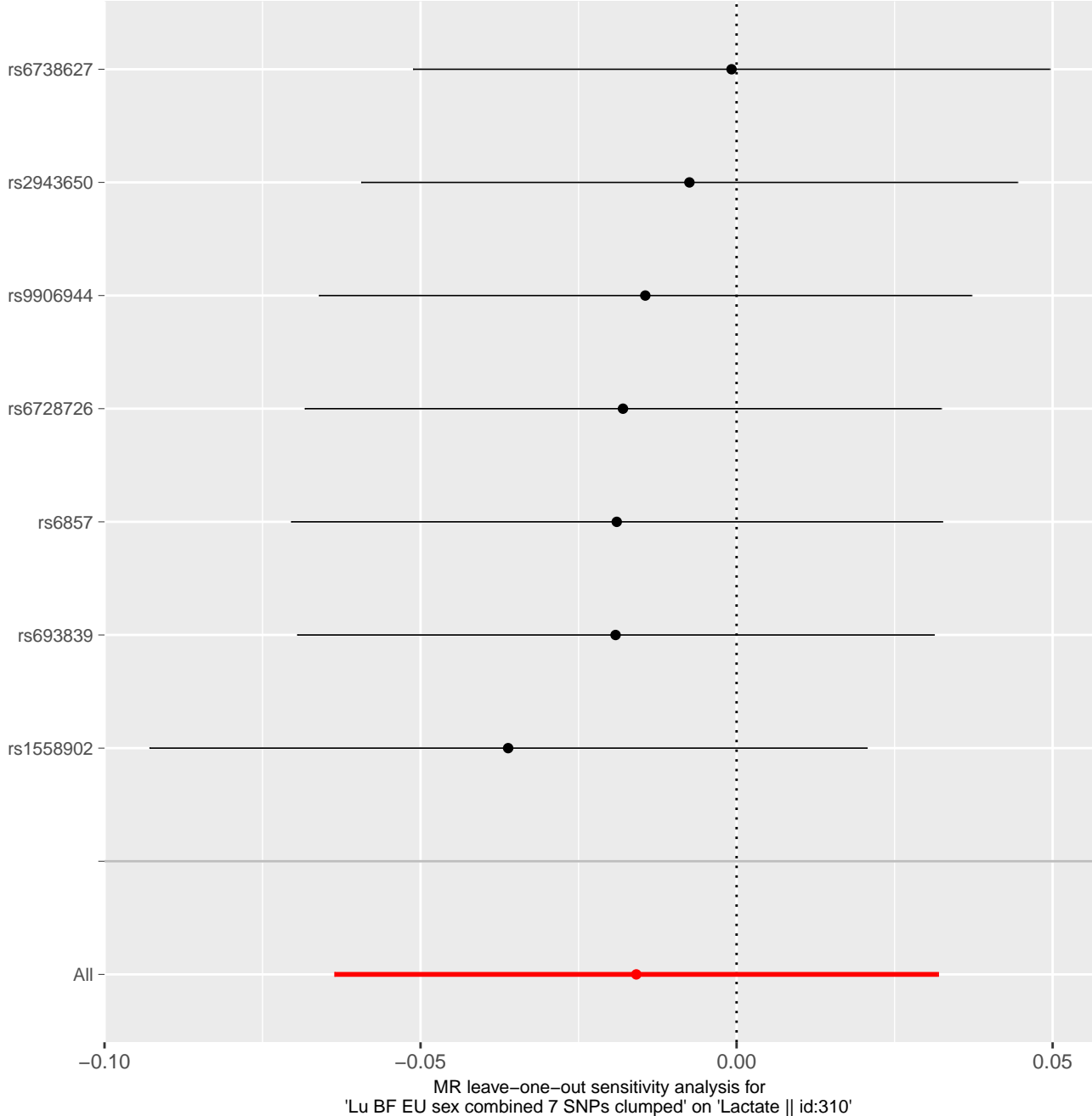
0.00

0.02

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Phenylalanine || id:308'







rs1558902

rs6857

rs693839

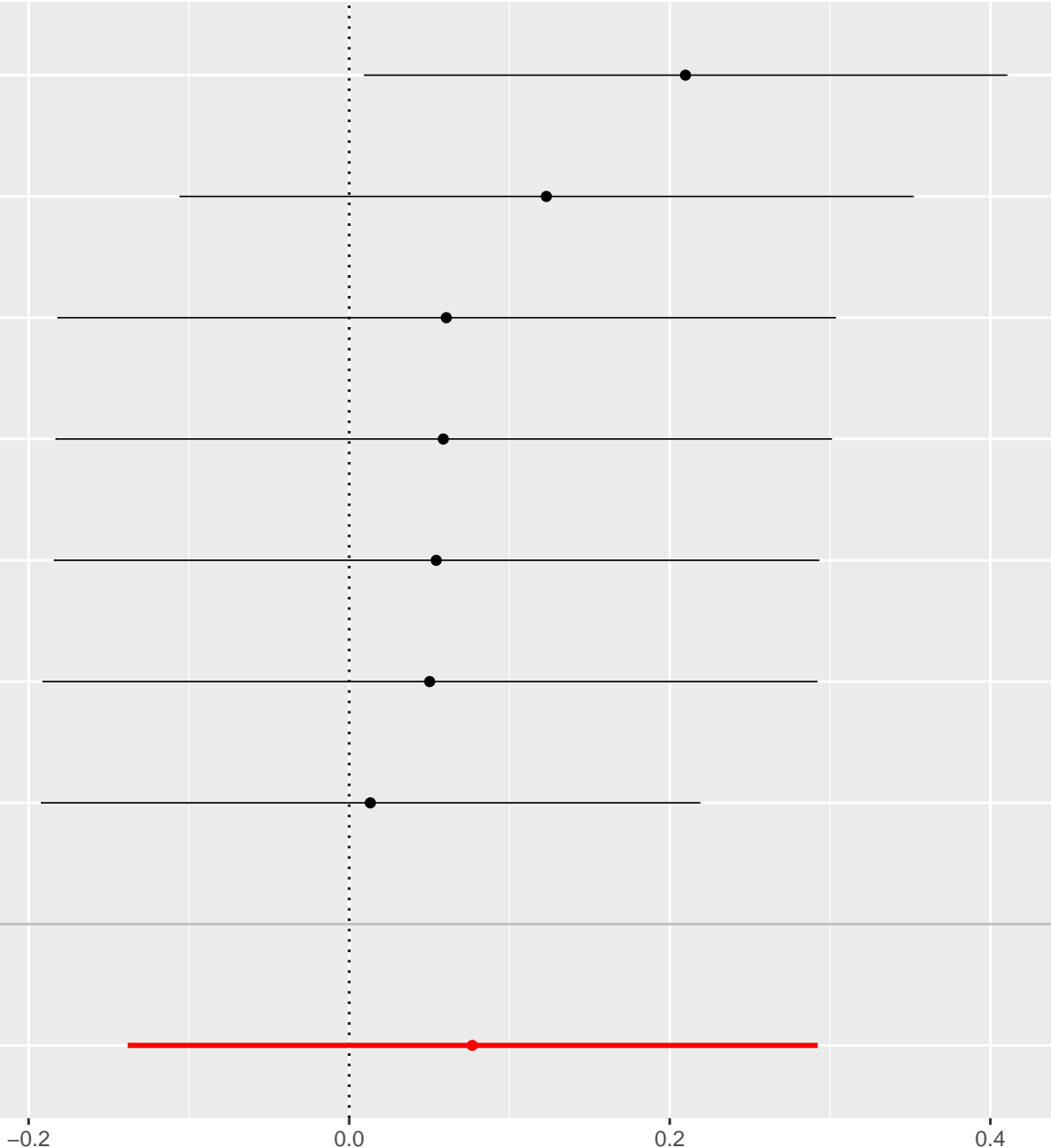
rs6738627

rs6728726

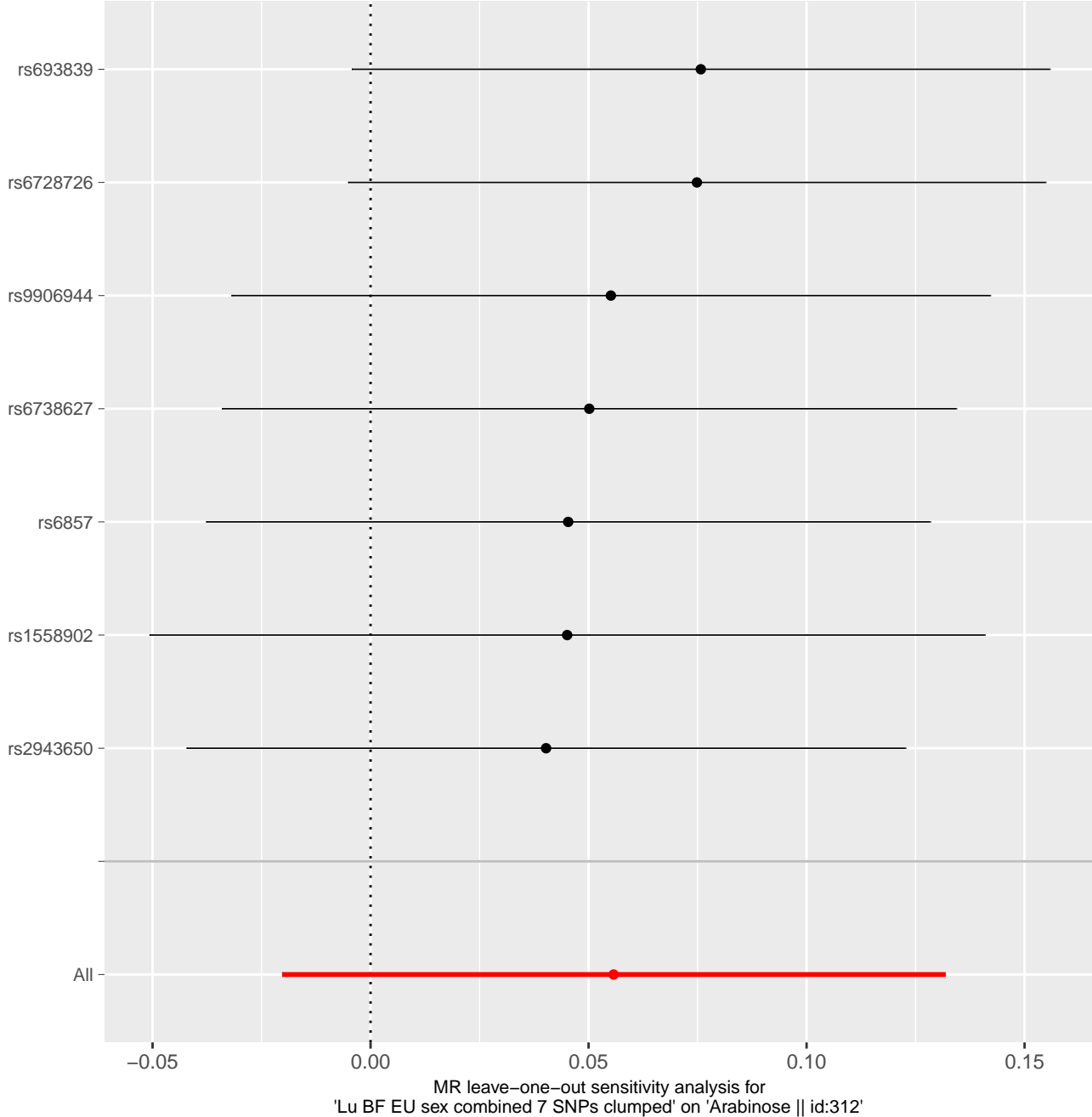
rs9906944

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '3-hydroxybutyrate (BHBA) || id:311'



rs2943650

rs6738627

rs6728726

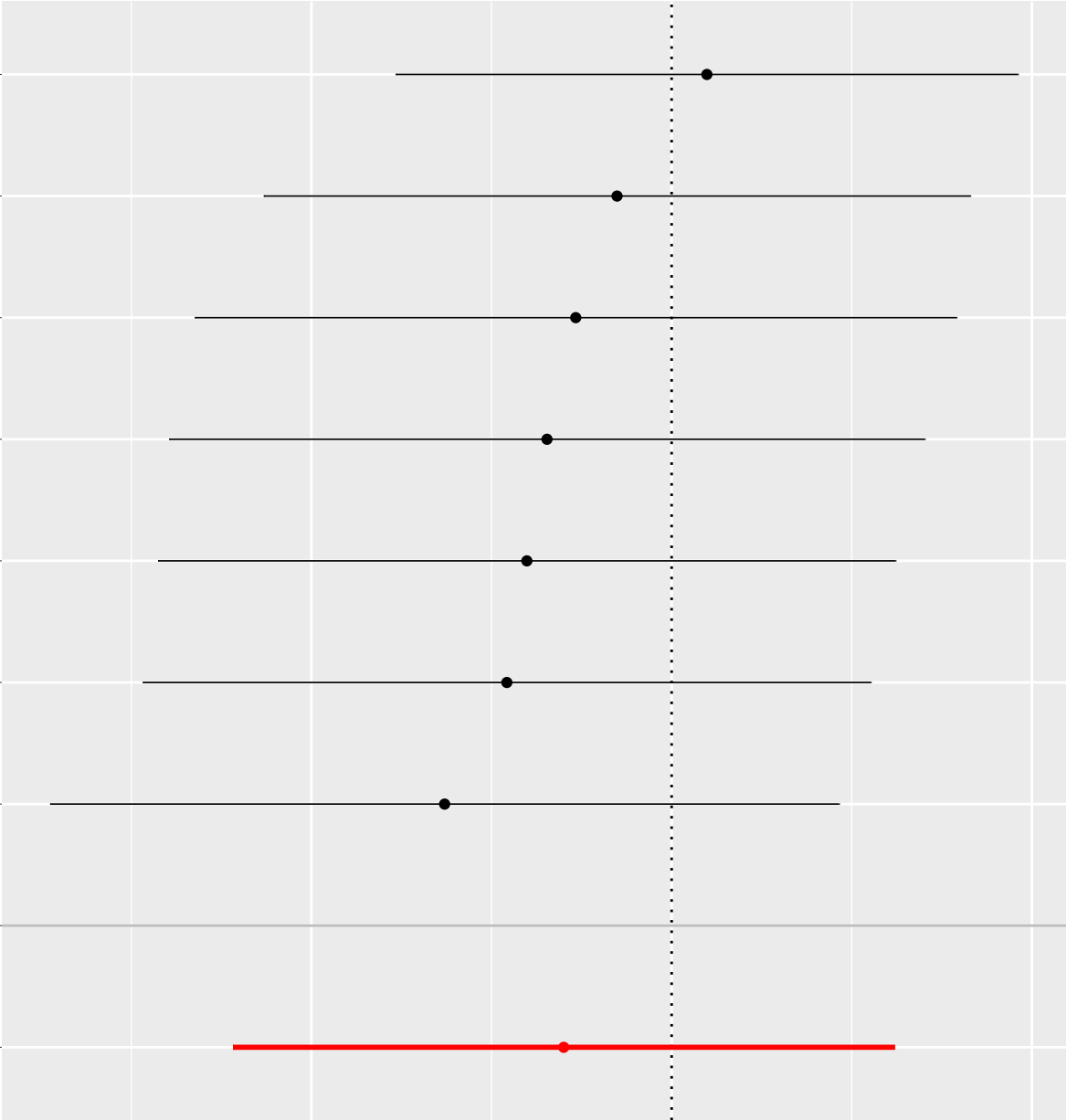
rs9906944

rs693839

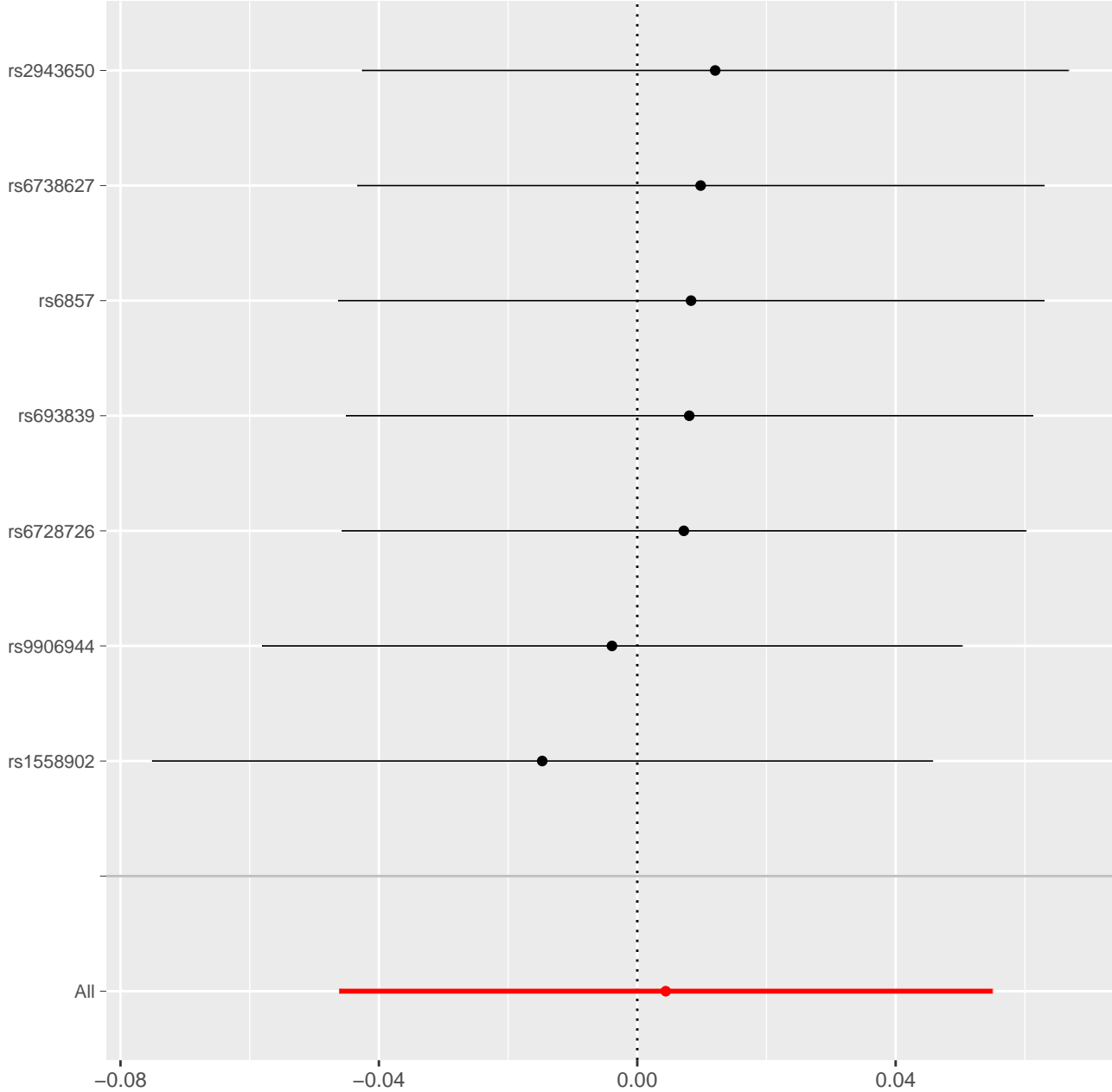
rs6857

rs1558902

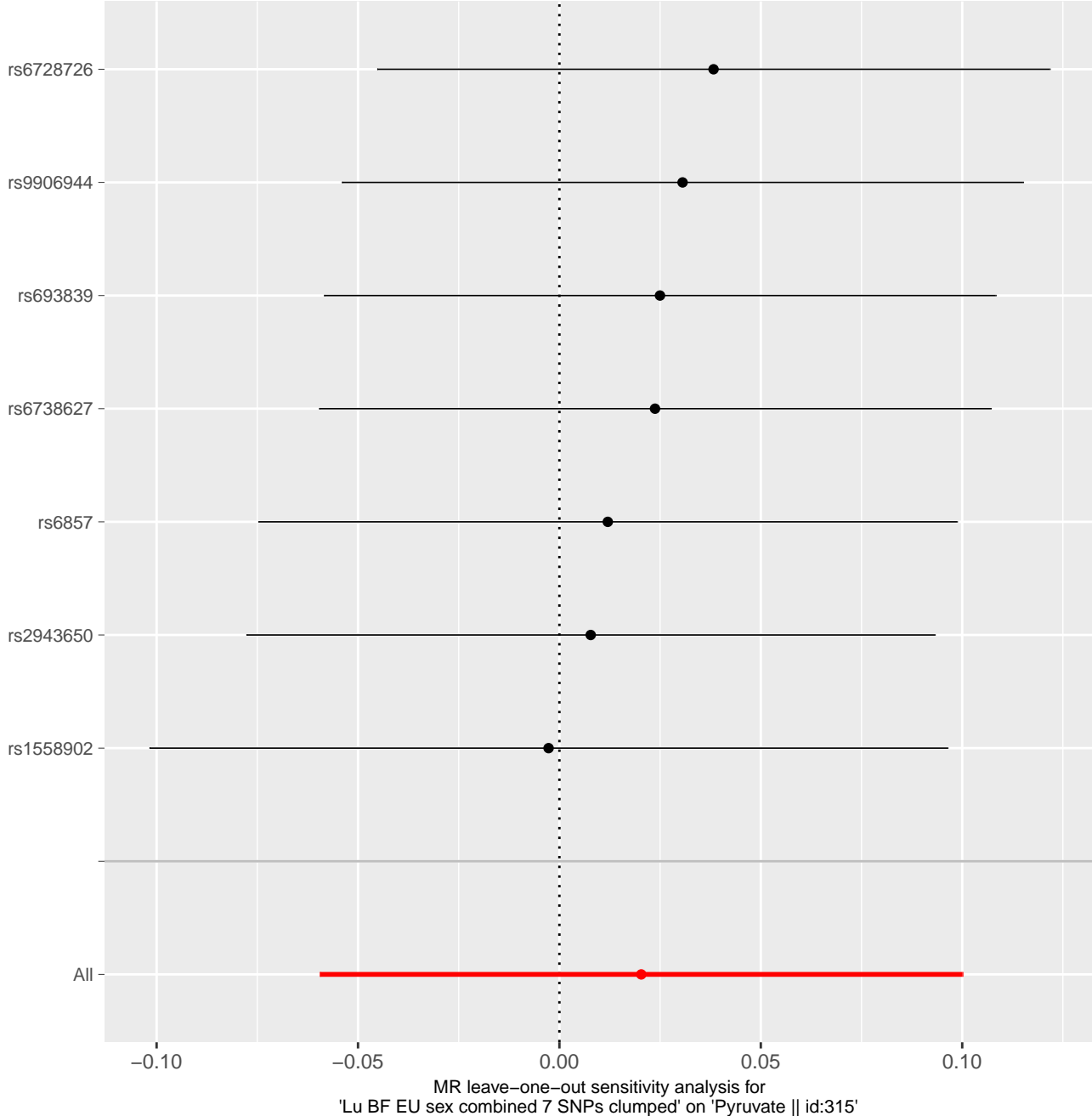
All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Fructose || id:313'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Mannose || id:314'



rs6728726

rs2943650

rs693839

rs6738627

rs9906944

rs1558902

rs6857

All

-0.075

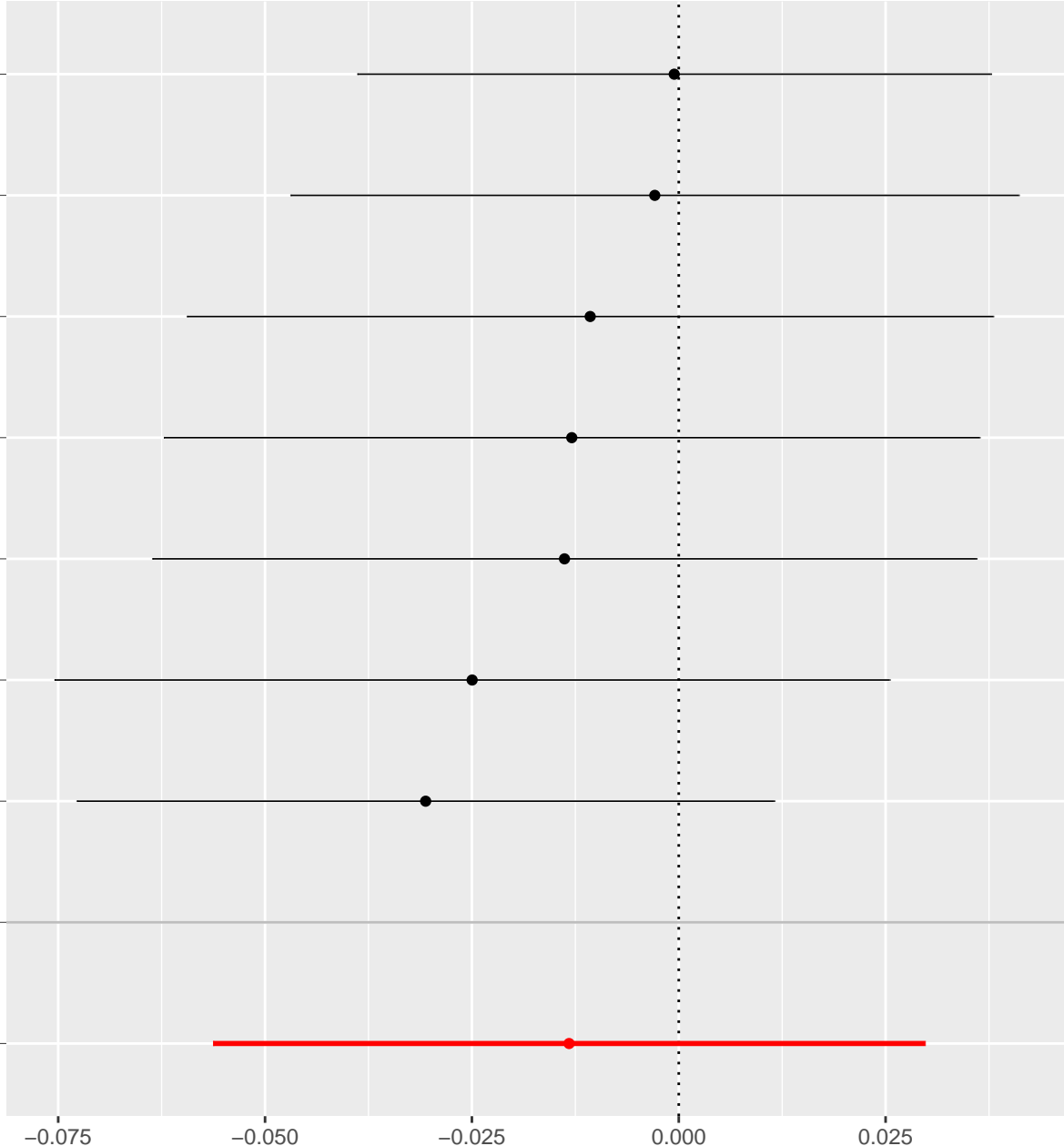
-0.050

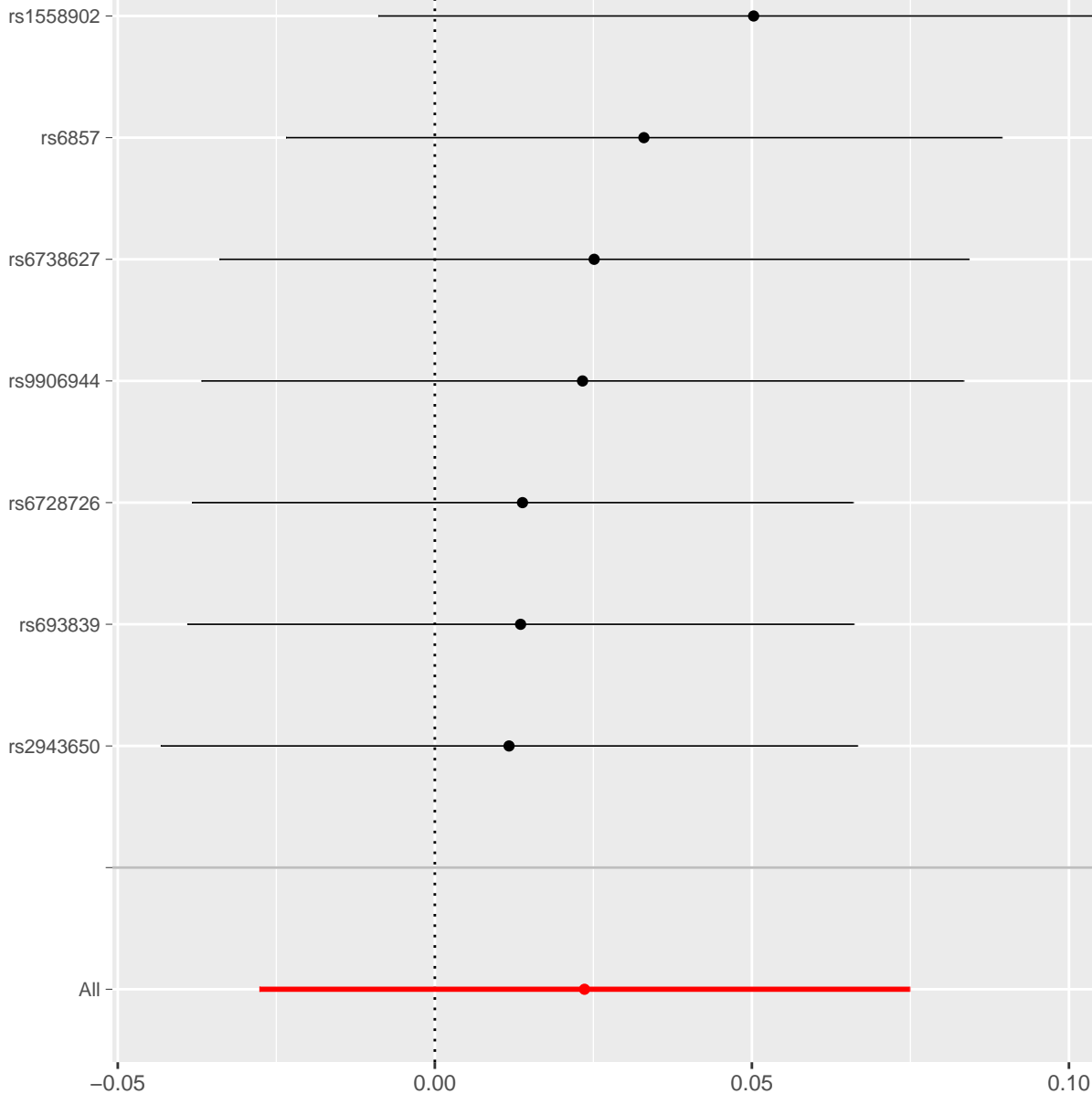
-0.025

0.000

0.025

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Uridine || id:316'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Linoleate (18:2n6) || id:317'

rs693839

rs6857

rs2943650

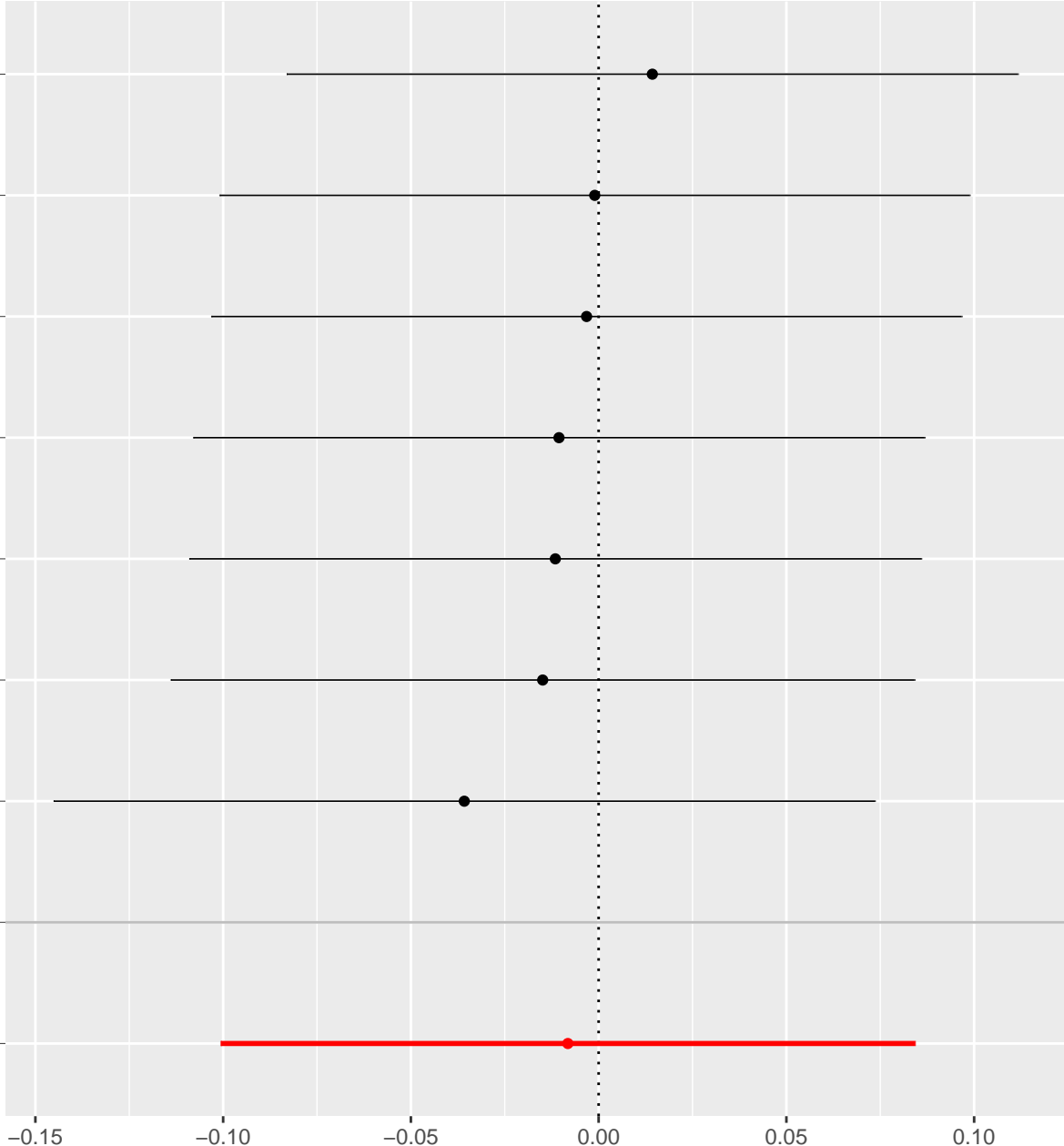
rs6738627

rs6728726

rs9906944

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Allantoin || id:318'

rs1558902

rs693839

rs6857

rs6738627

rs6728726

rs2943650

rs9906944

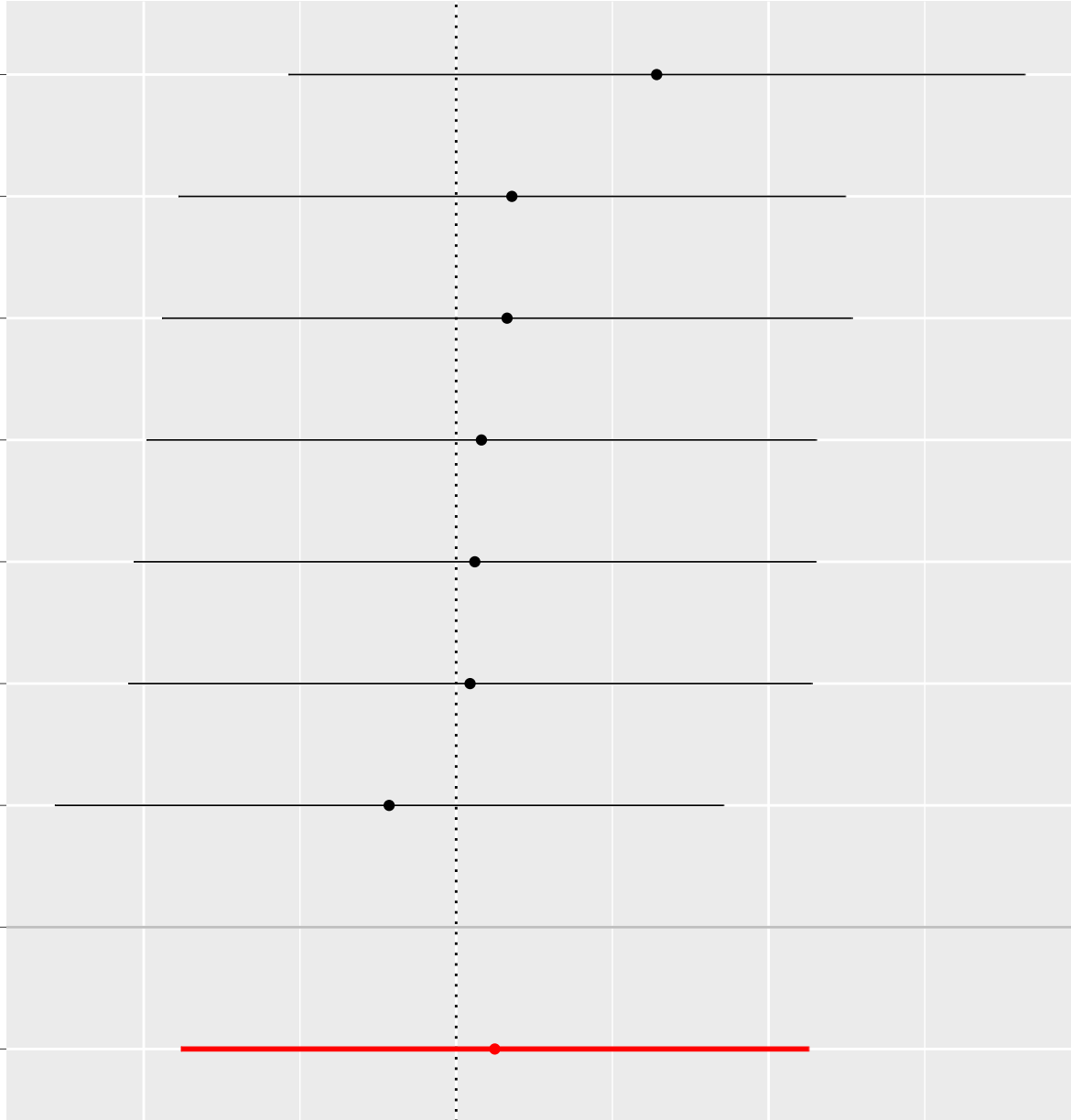
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Arachidonate (20:4n6) || id:319'



rs2943650

rs6857

rs6738627

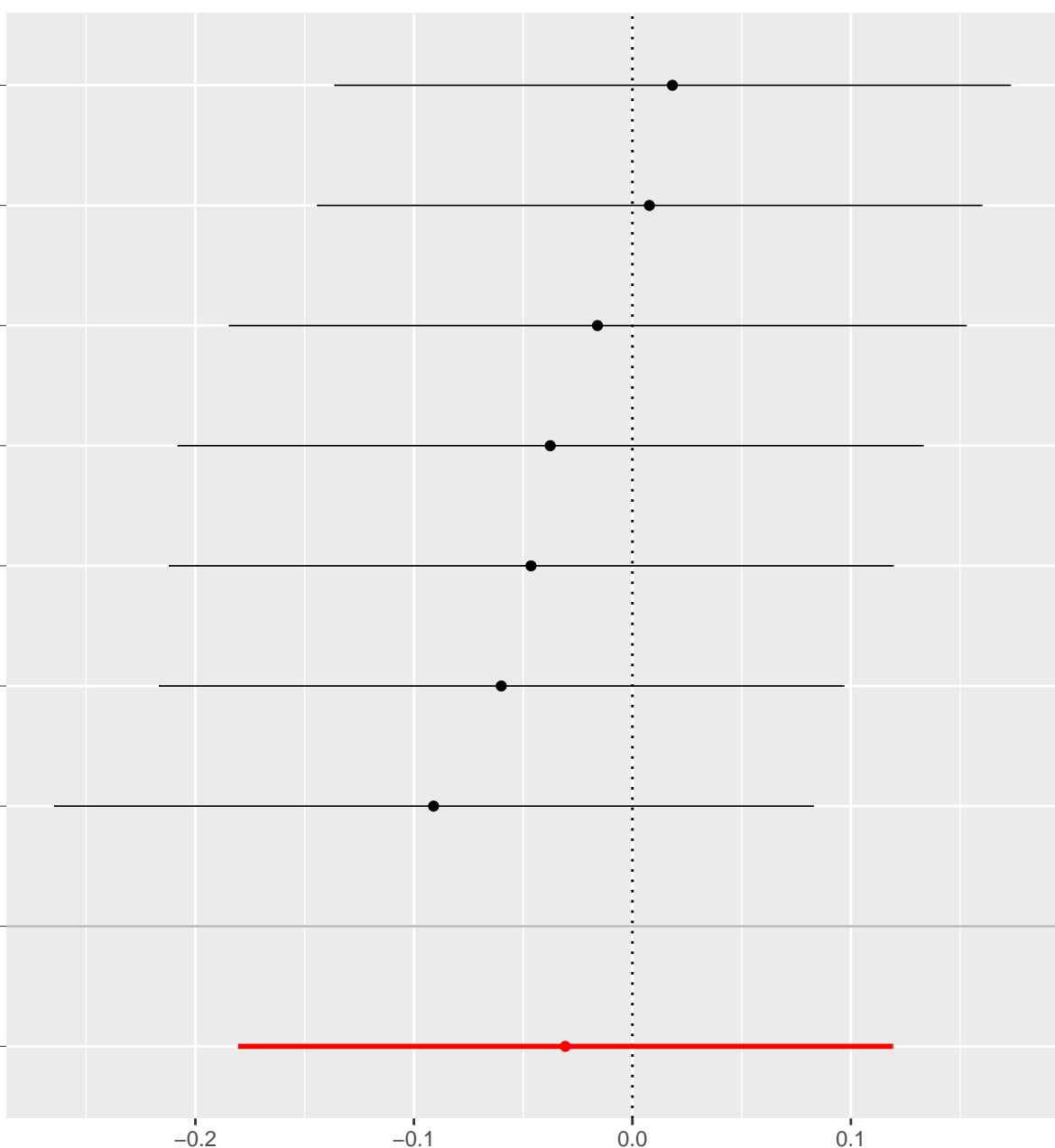
rs693839

rs6728726

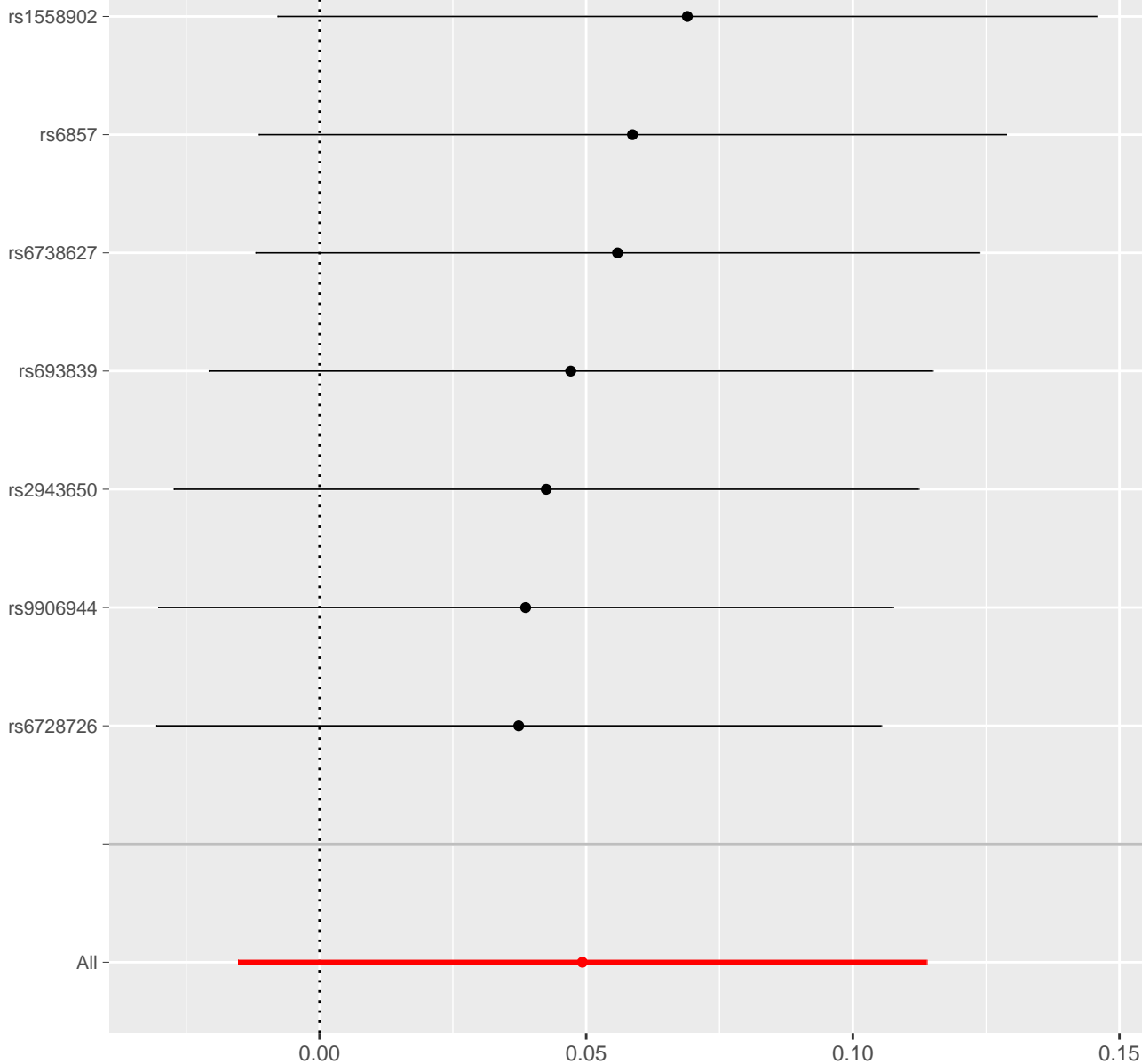
rs9906944

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Deoxycholate || id:320'



rs1558902

rs6728726

rs6857

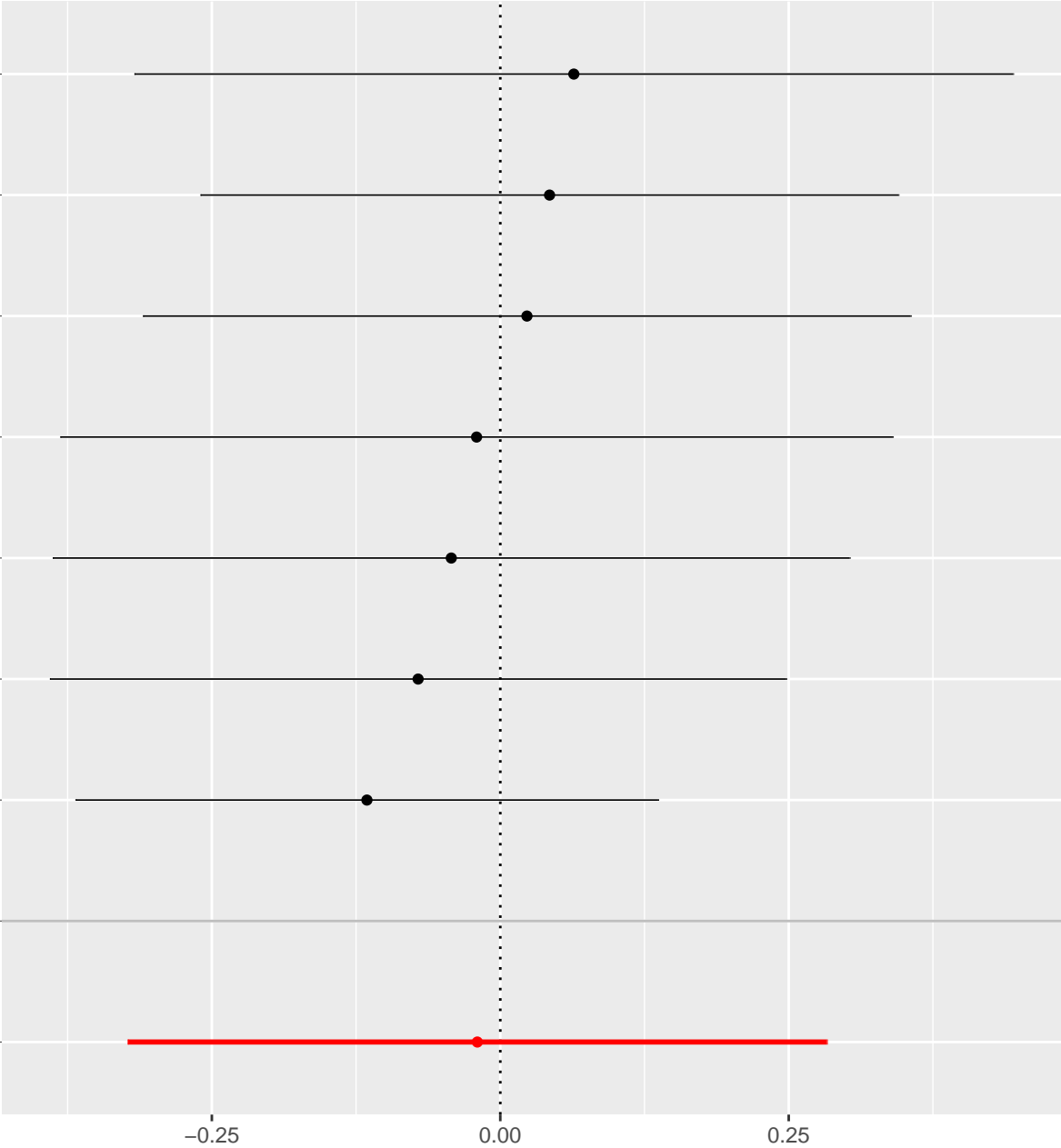
rs2943650

rs6738627

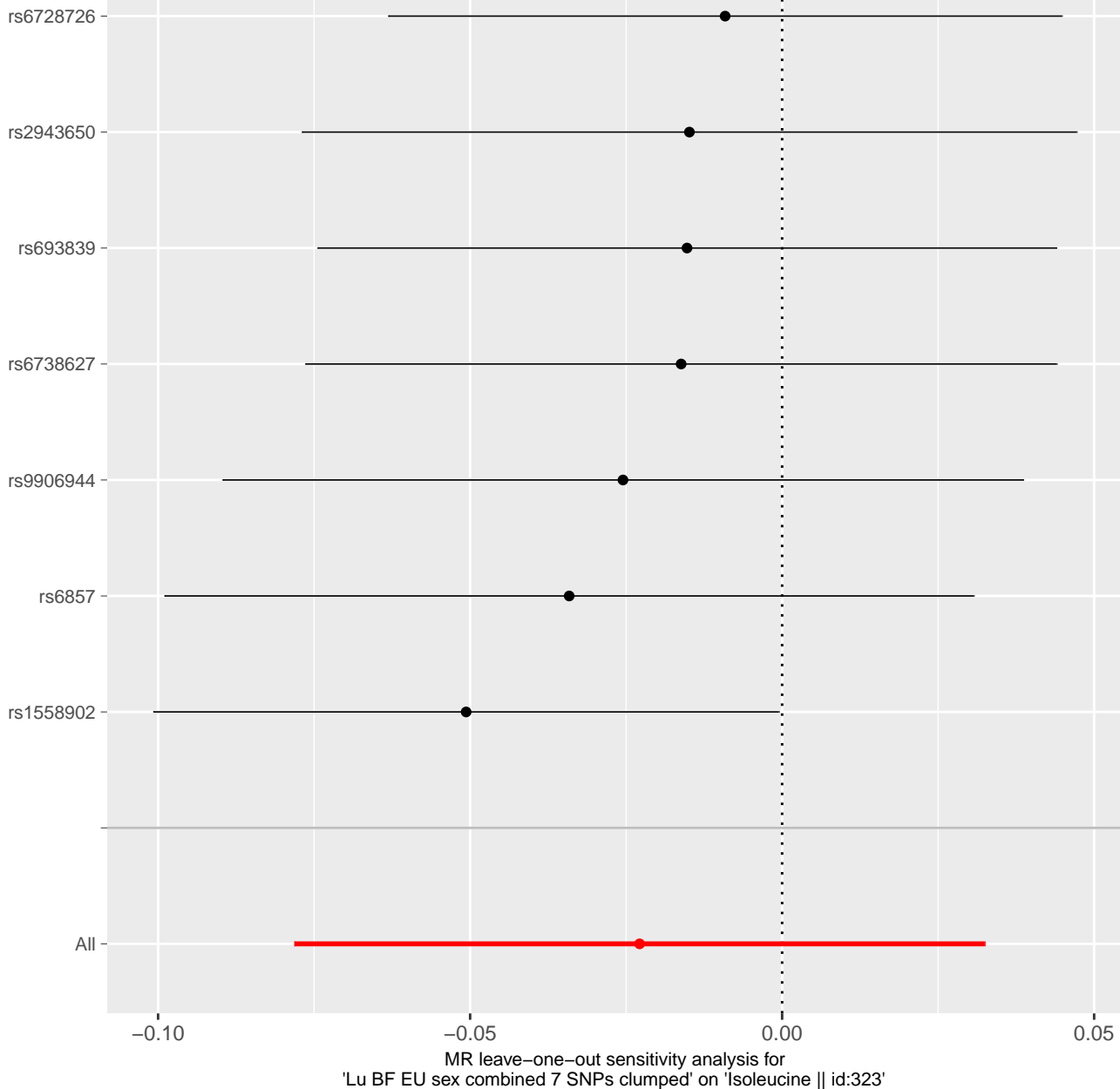
rs693839

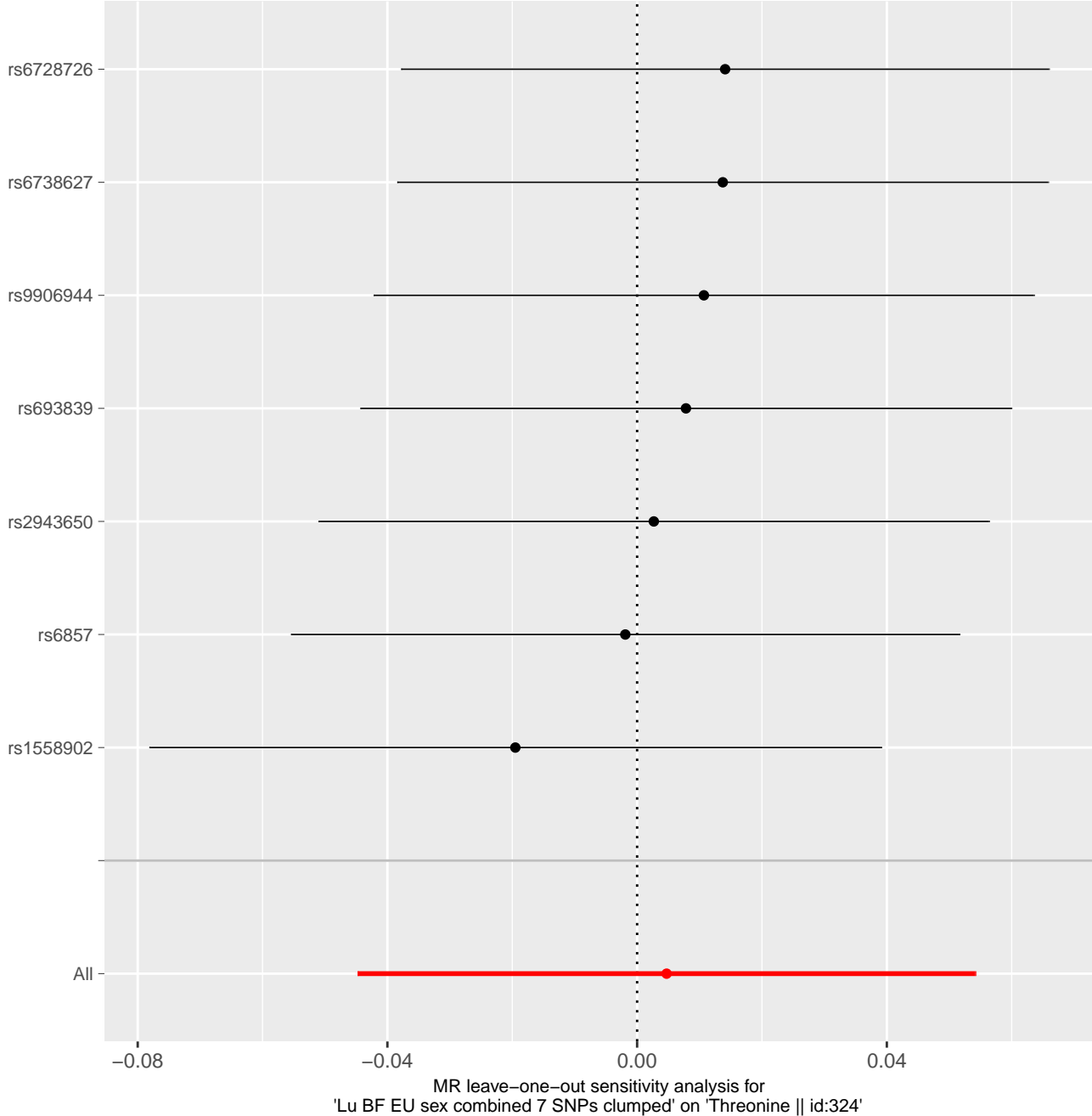
rs9906944

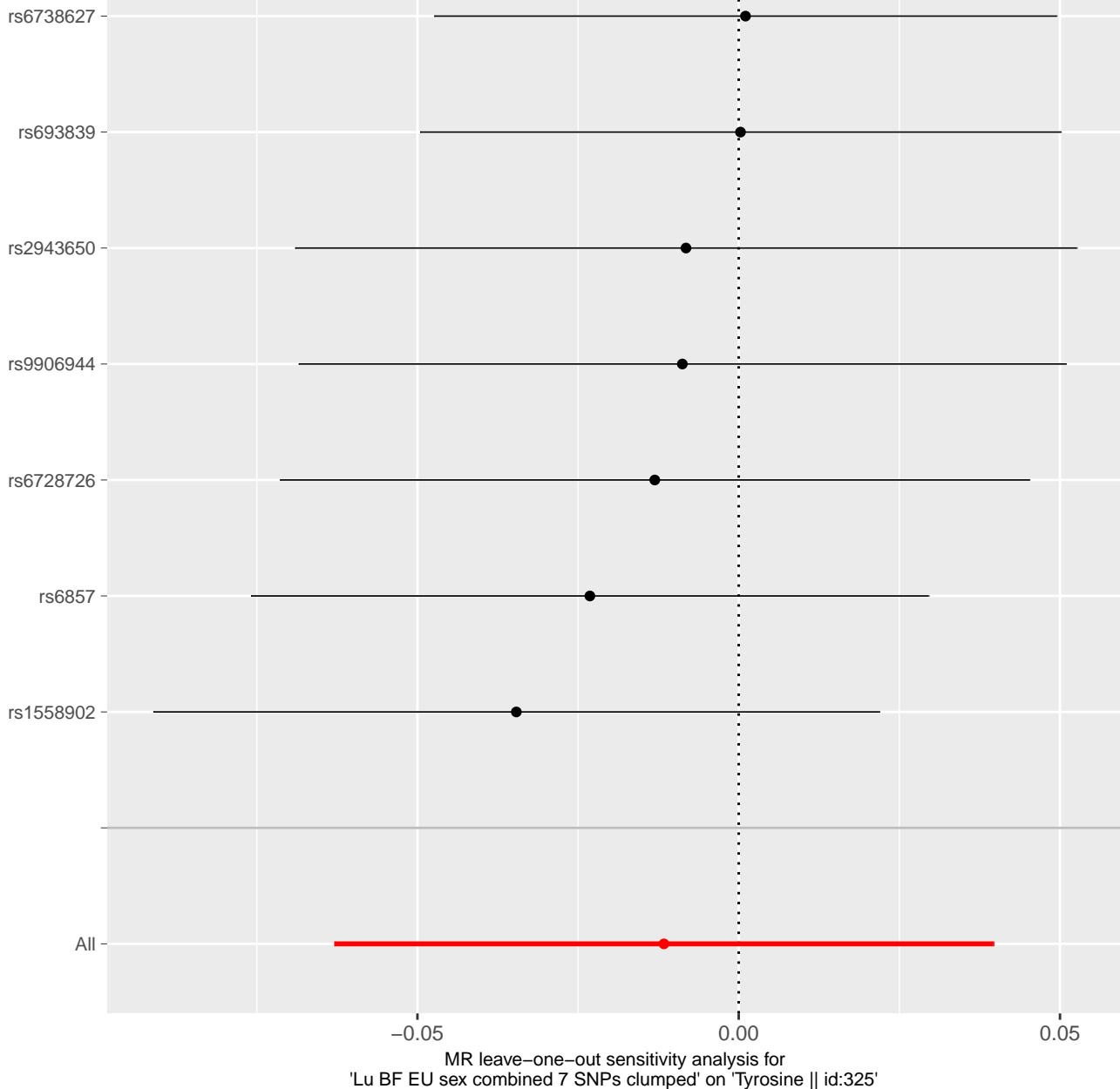
All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Inosine || id:322'







rs2943650

rs6728726

rs693839

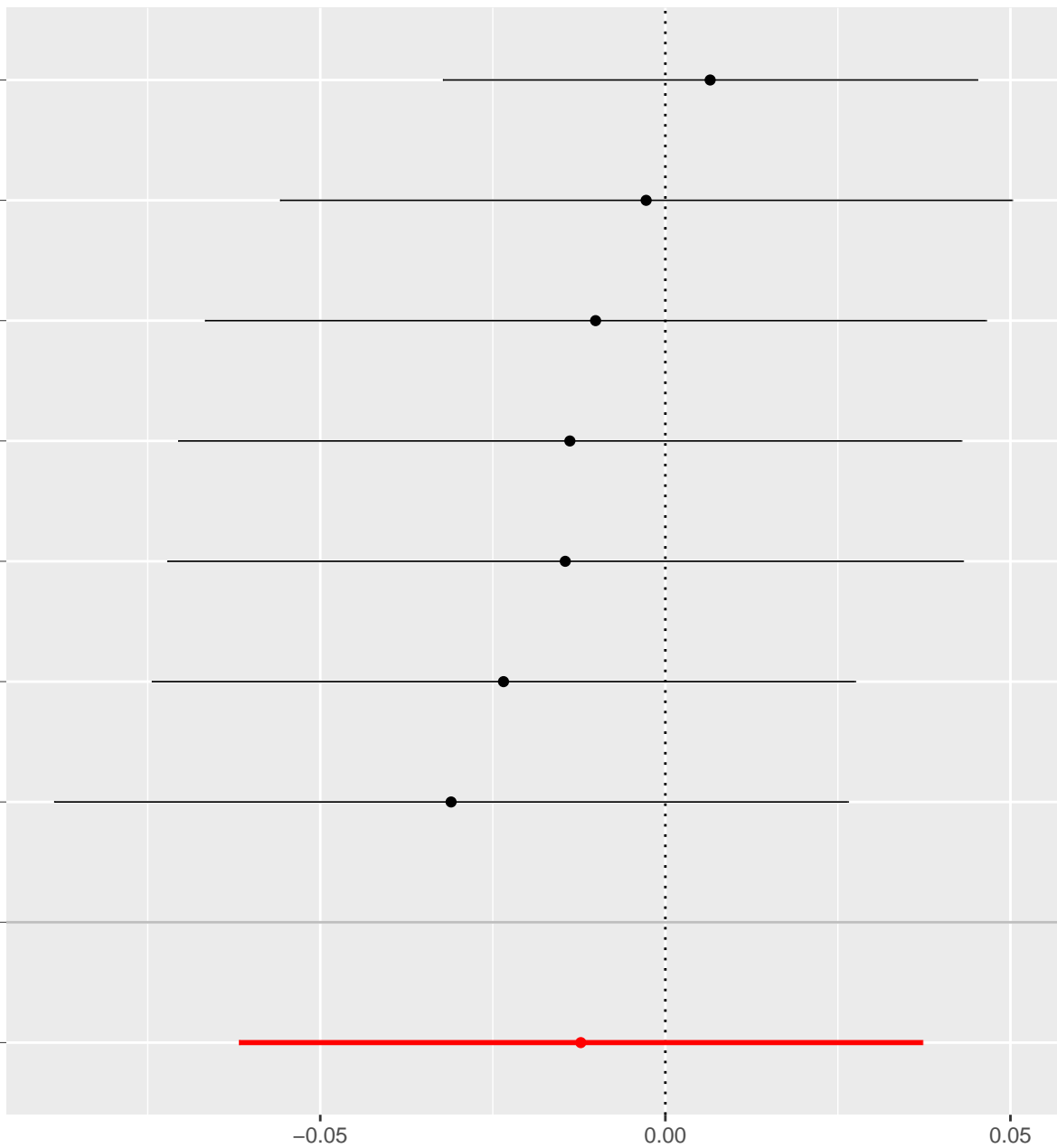
rs6738627

rs6857

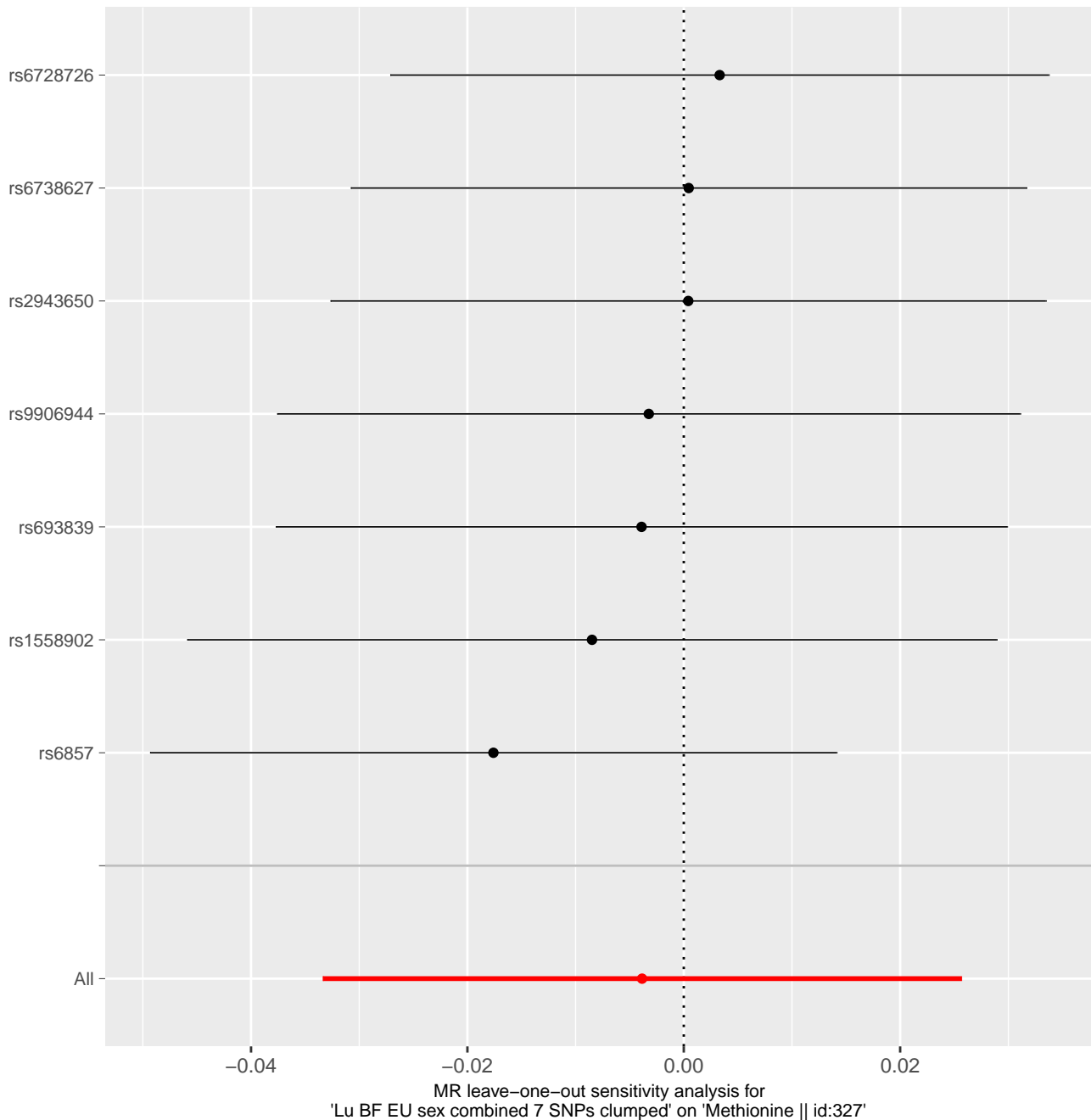
rs9906944

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Lysine || id:326'



rs1558902

rs6738627

rs693839

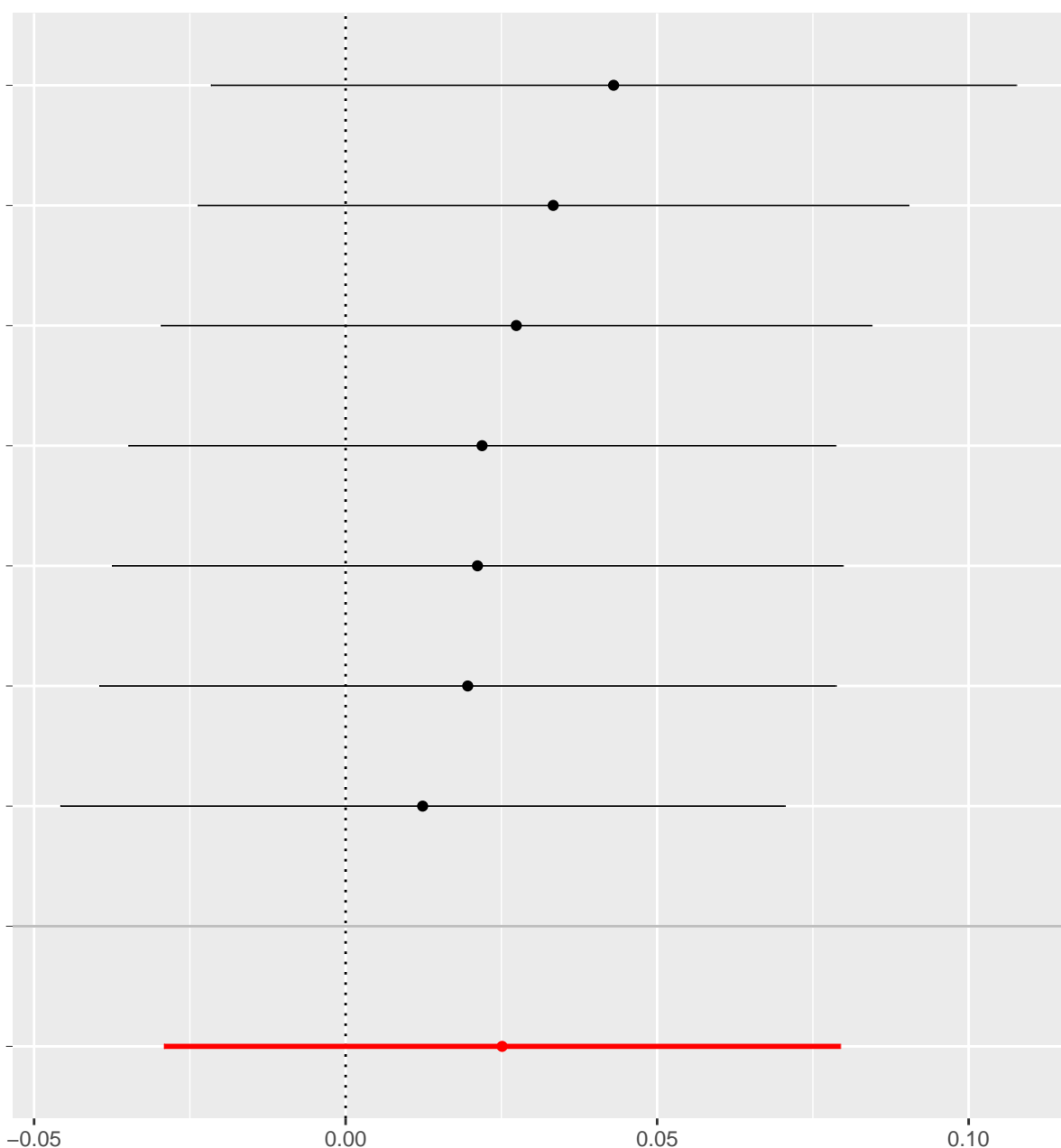
rs6728726

rs2943650

rs6857

rs9906944

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Malate || id:328'

rs1558902

rs6857

rs693839

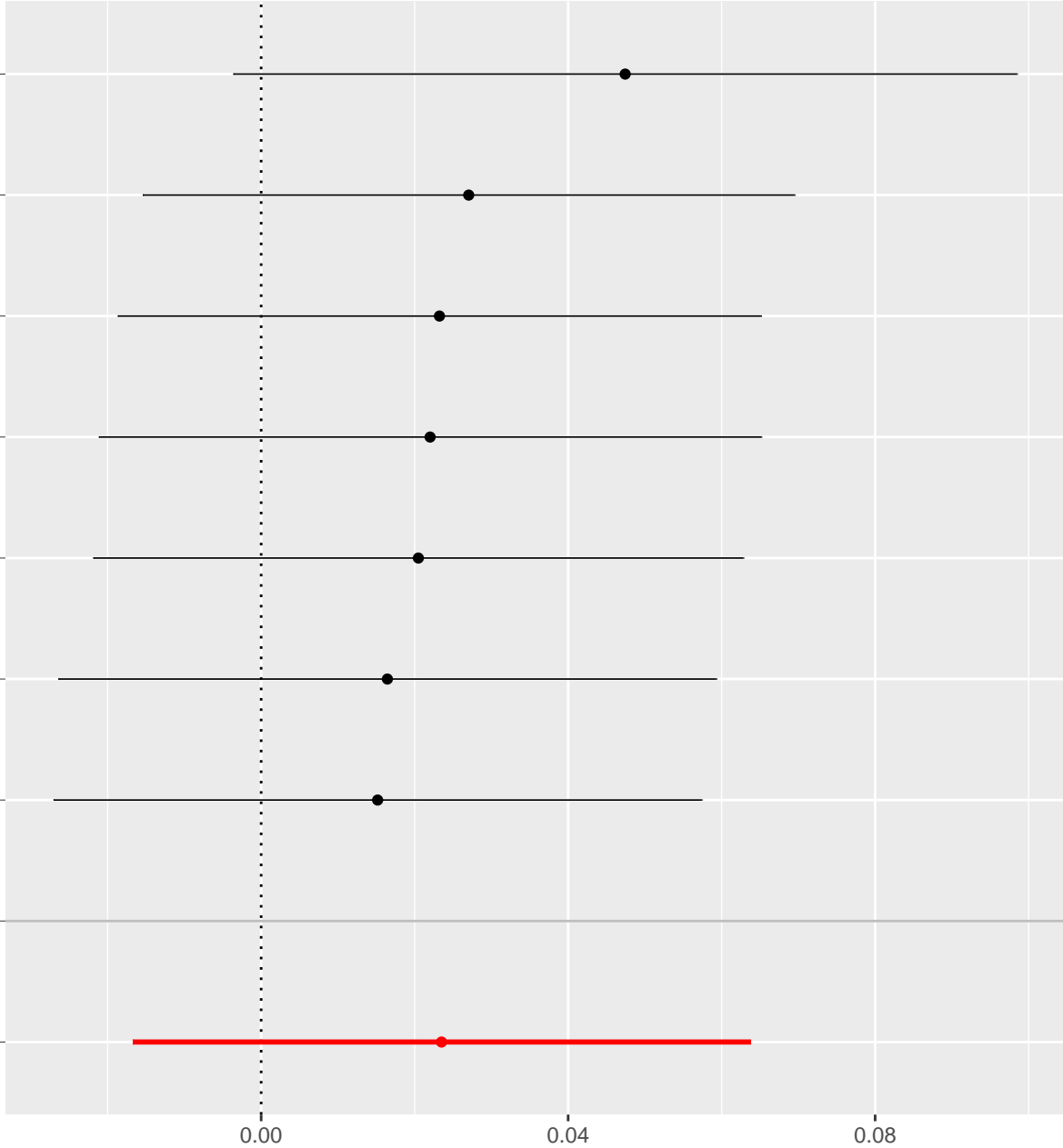
rs6738627

rs9906944

rs2943650

rs6728726

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Palmitate (16:0) || id:329'

rs1558902

rs6857

rs2943650

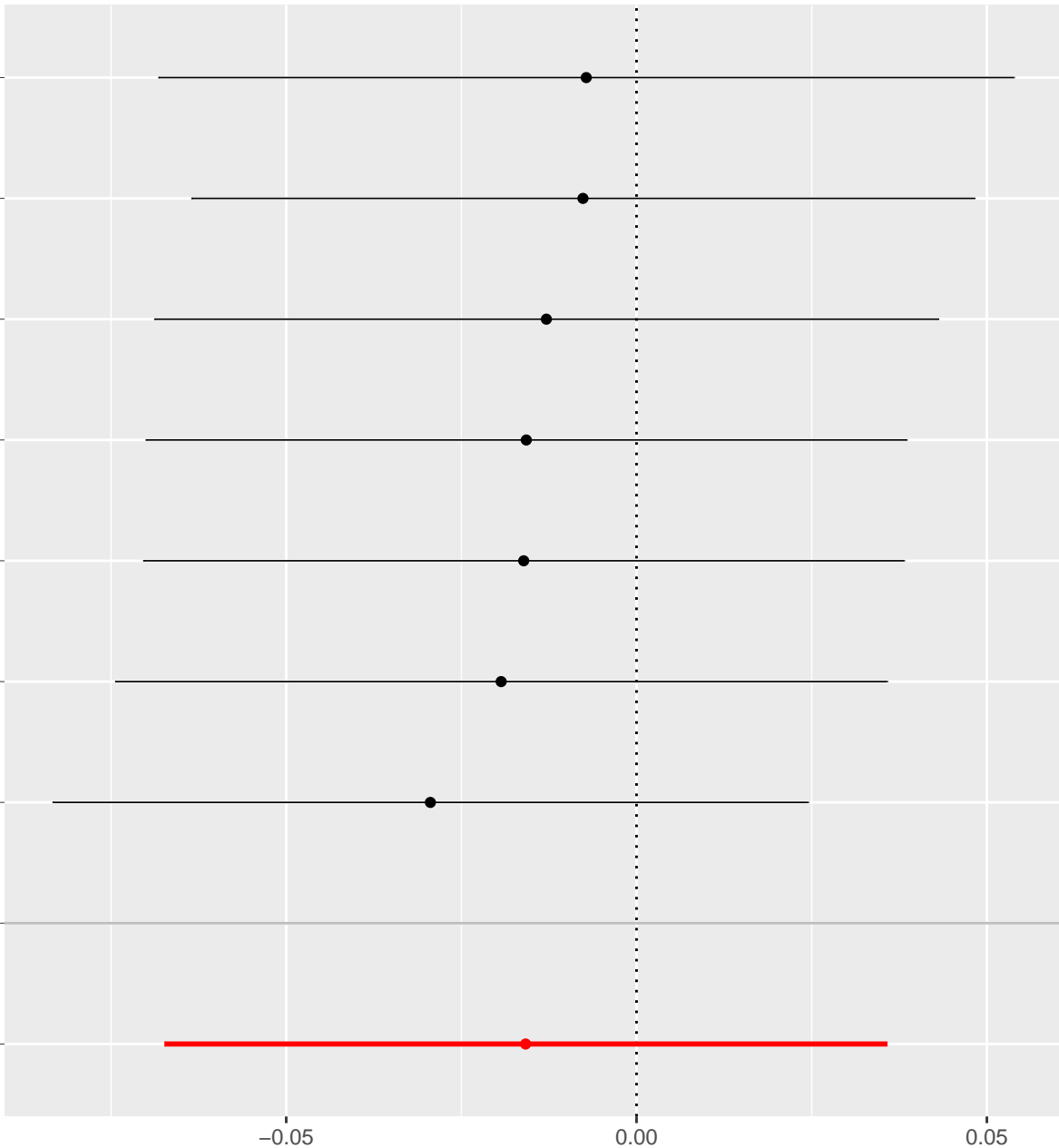
rs693839

rs6738627

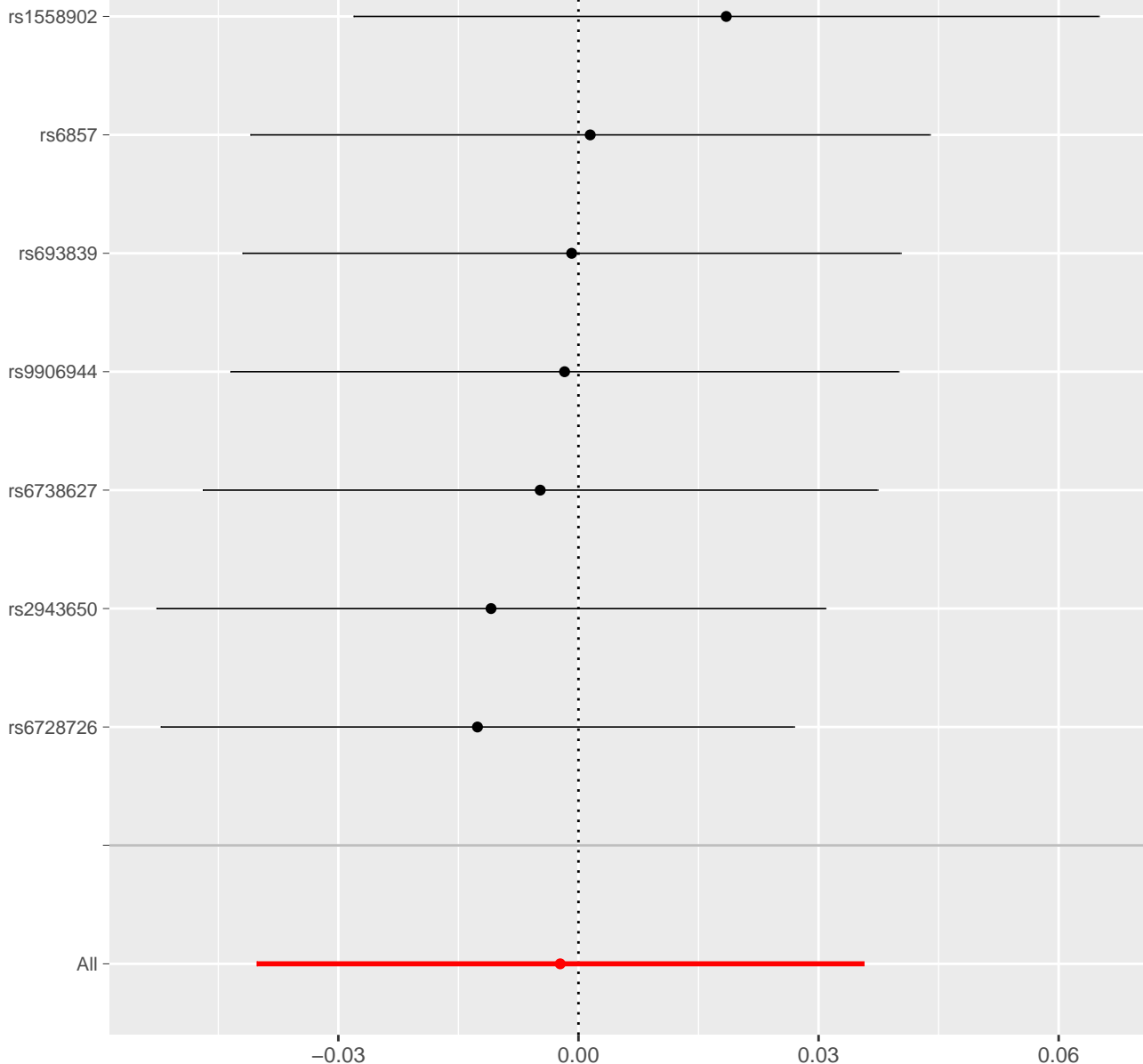
rs9906944

rs6728726

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Nonadecanoate (19:0) || id:330'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Stearate (18:0) || id:331'

rs1558902

rs6857

rs693839

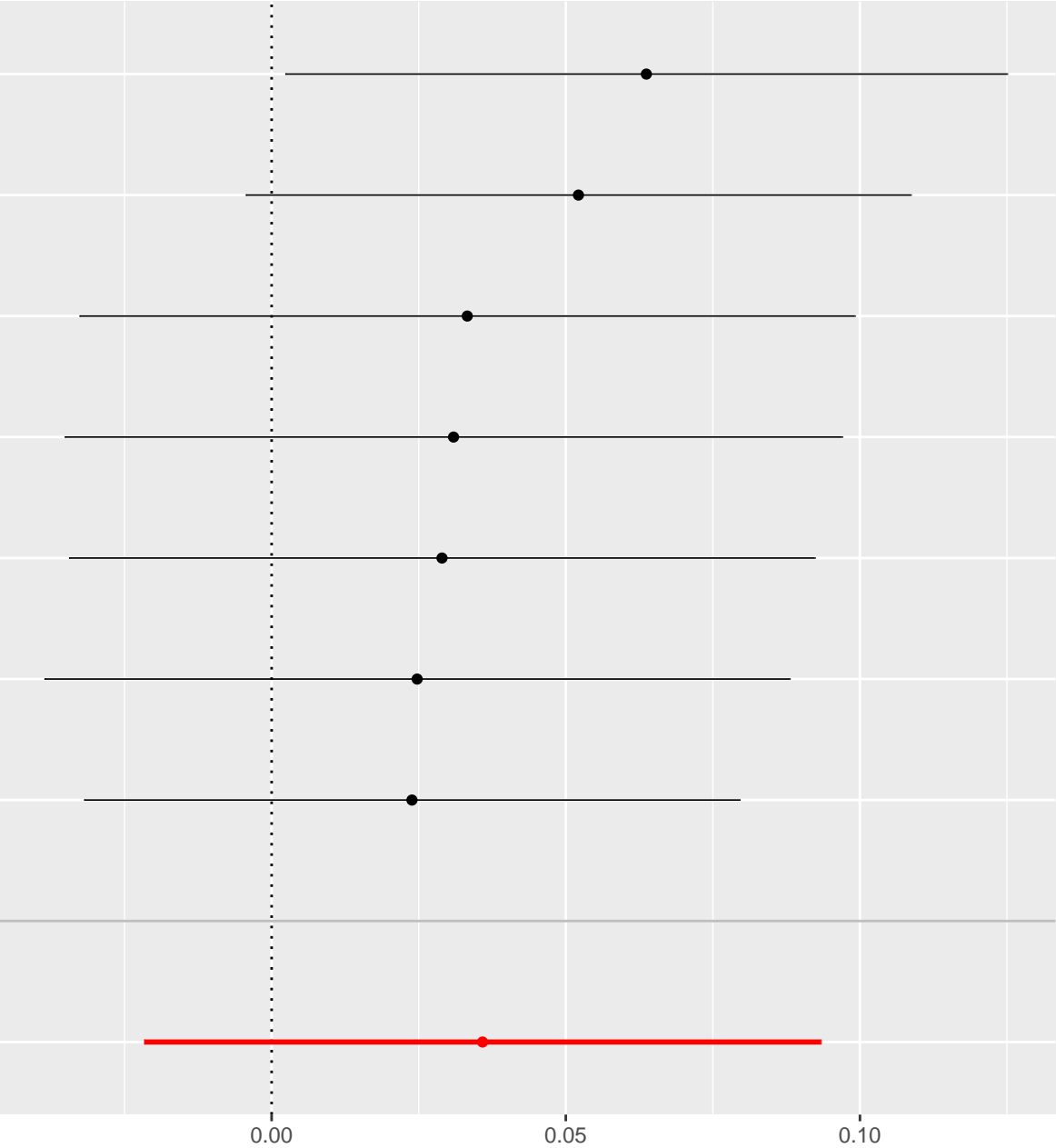
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rs6738627

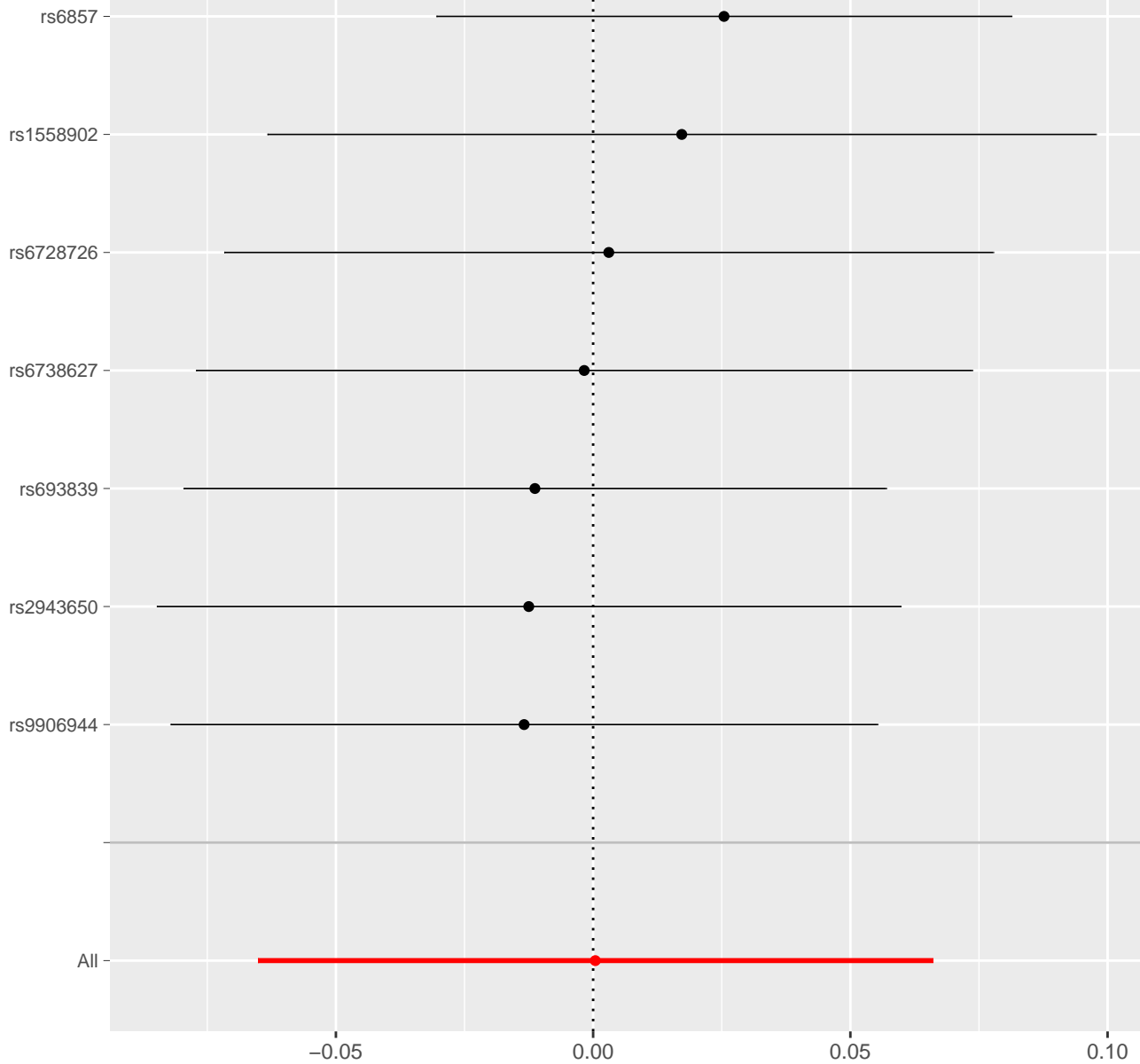
rs2943650

rs6728726

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Oleate (18:1n9) || id:332'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Pentadecanoate (15:0) || id:333'

rs1558902

rs6857

rs693839

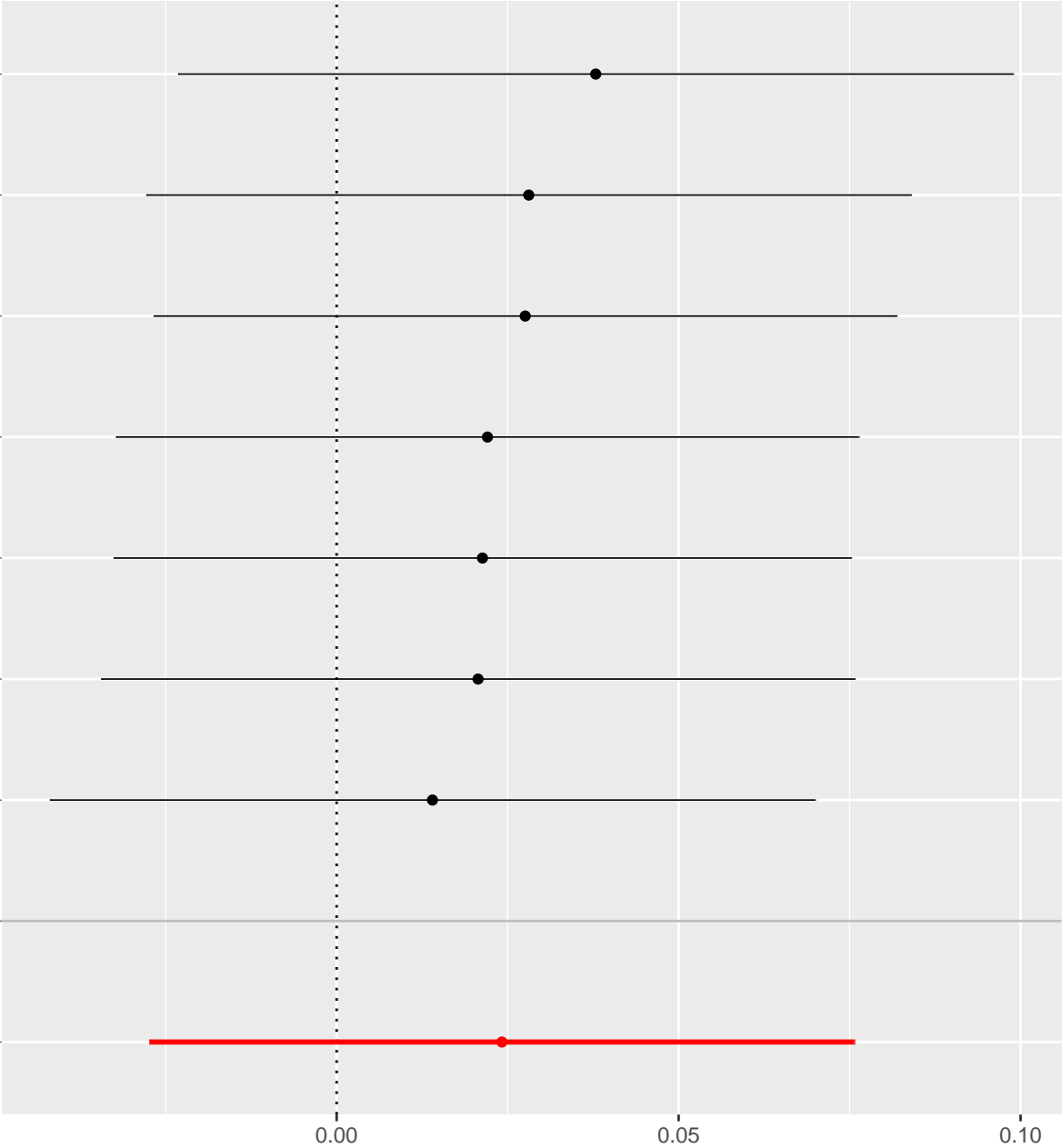
rs6738627

rs6728726

rs9906944

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Myristate (14:0) || id:334'

rs1558902

rs693839

rs6738627

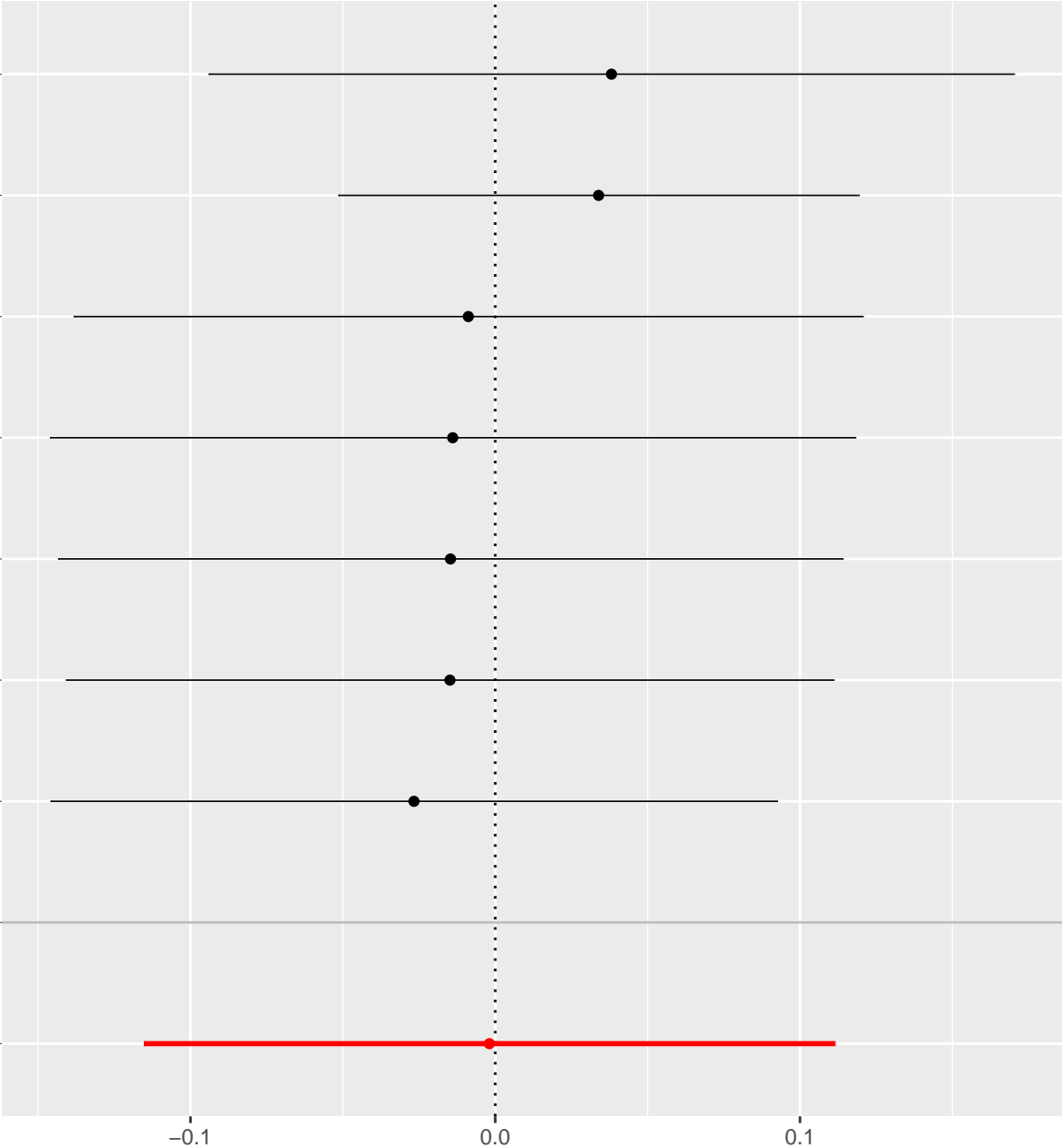
rs2943650

rs9906944

rs6728726

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Pipicolate || id:335'

rs1558902

rs2943650

rs693839

rs6738627

rs6857

rs6728726

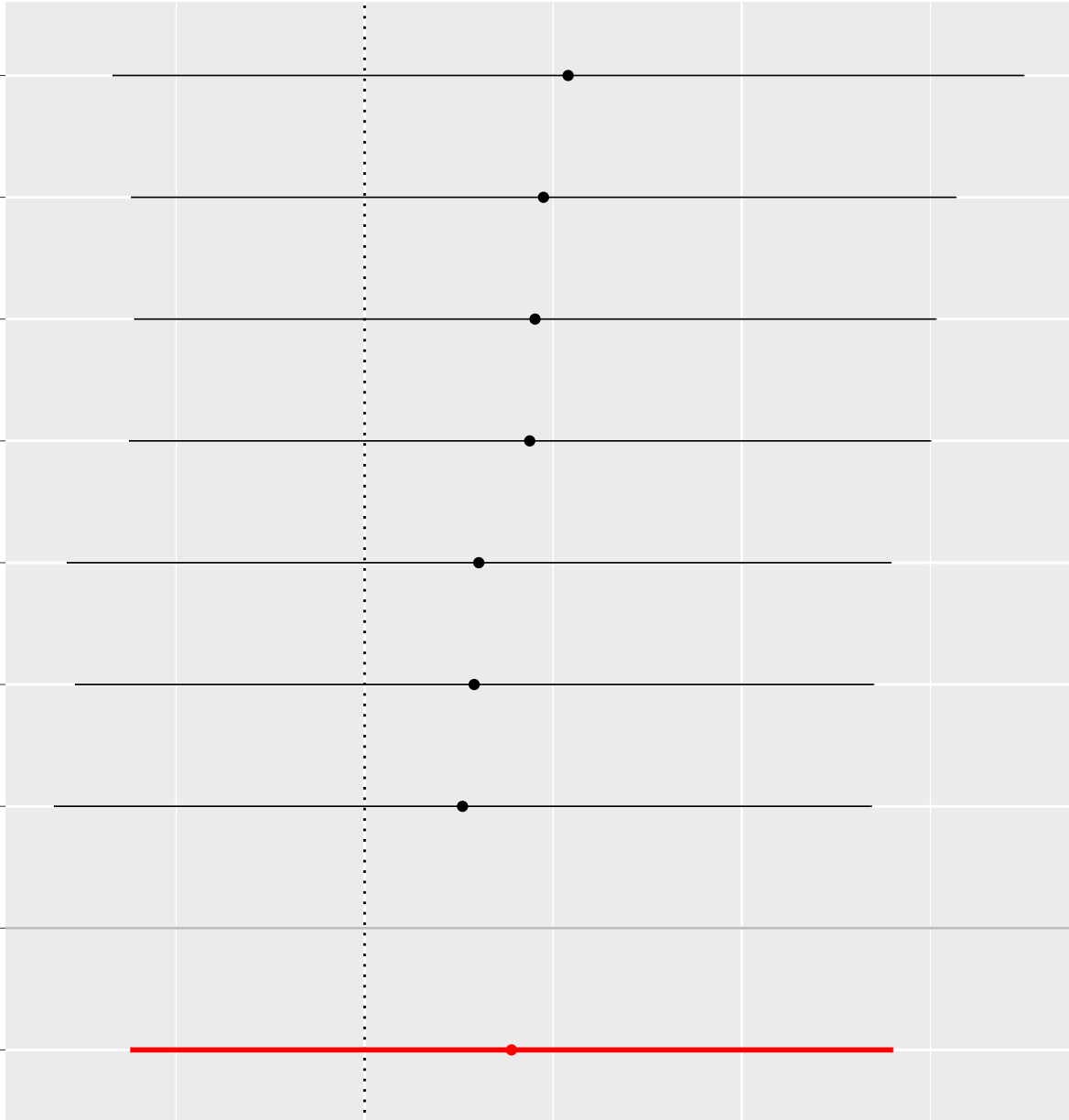
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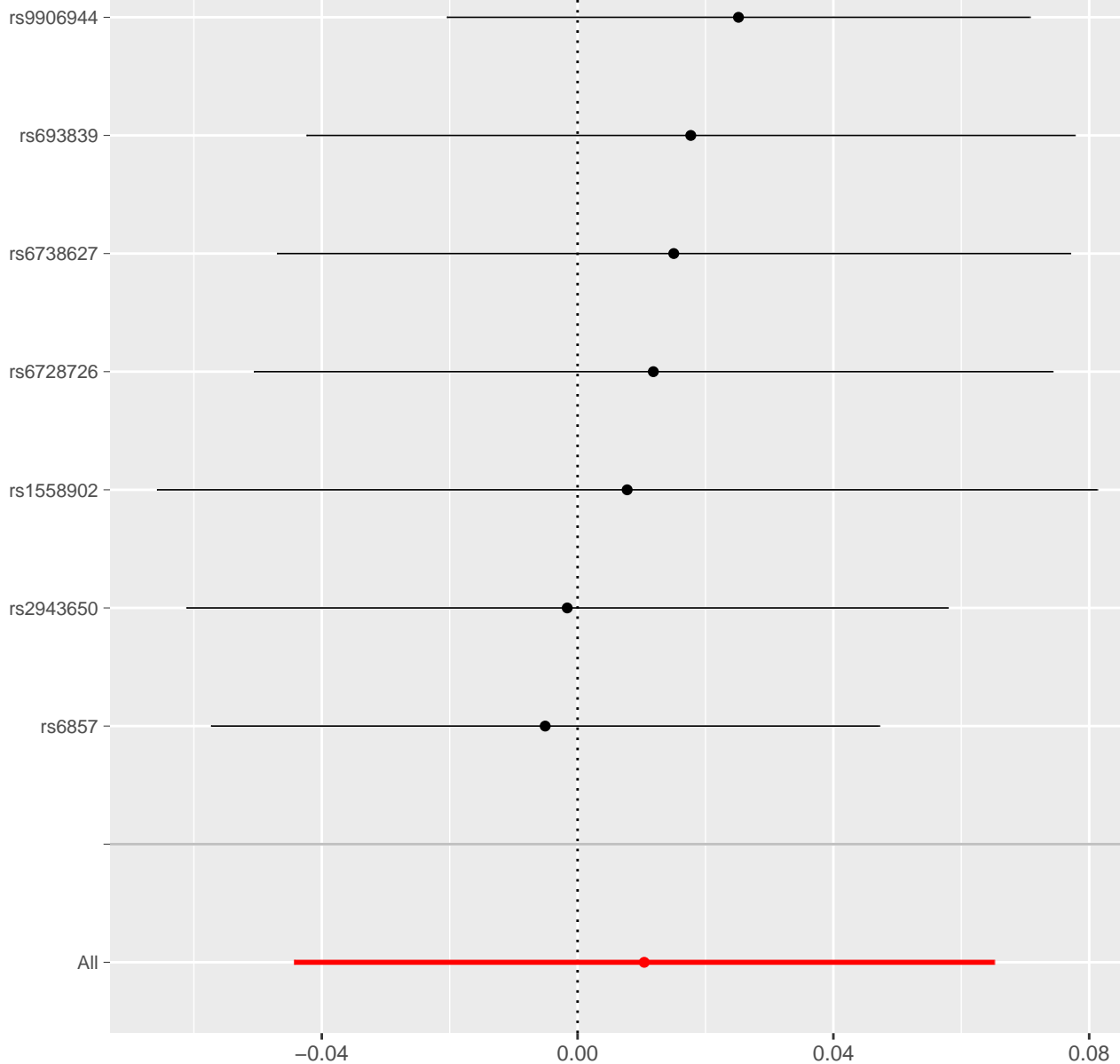
All

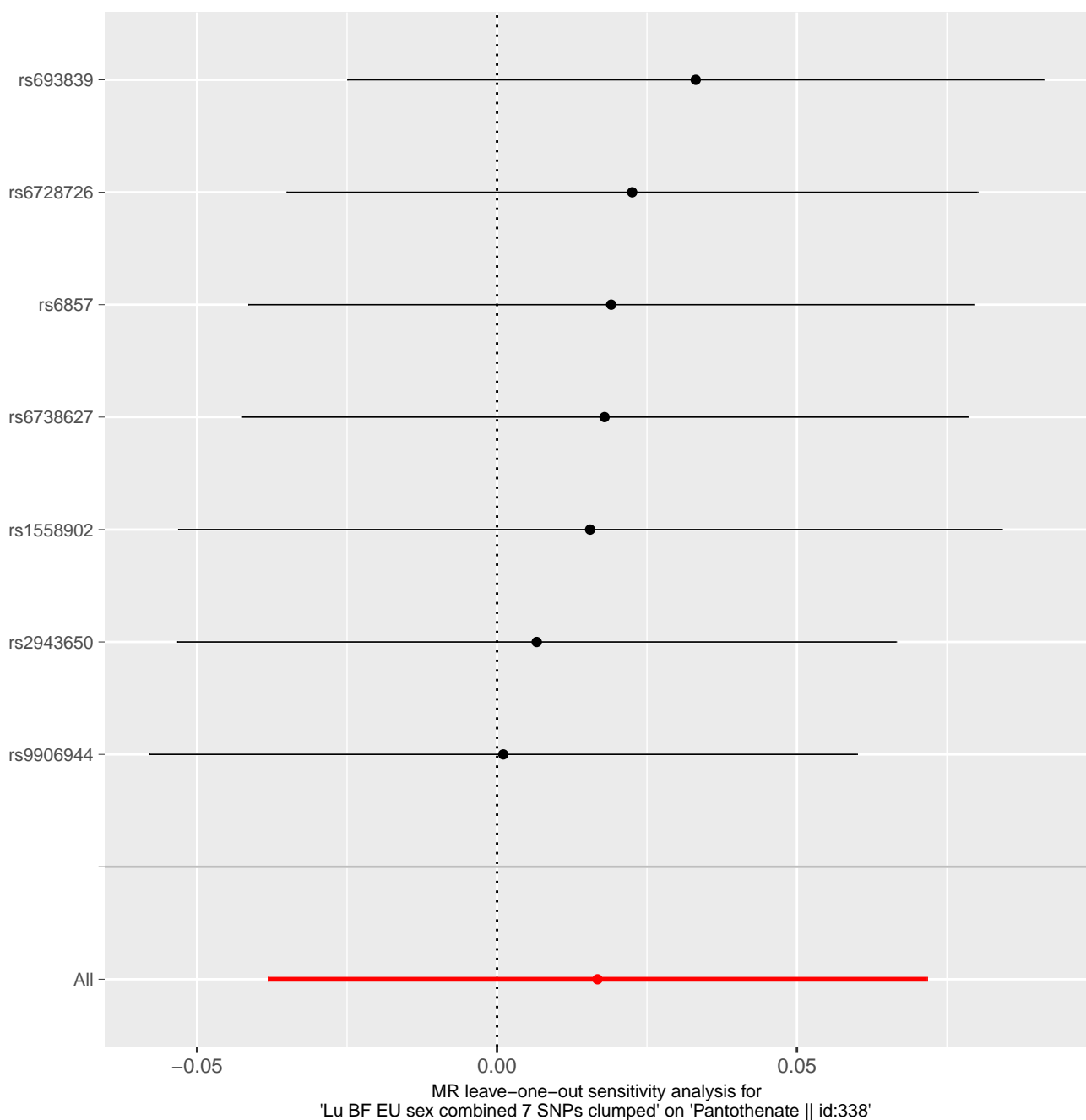
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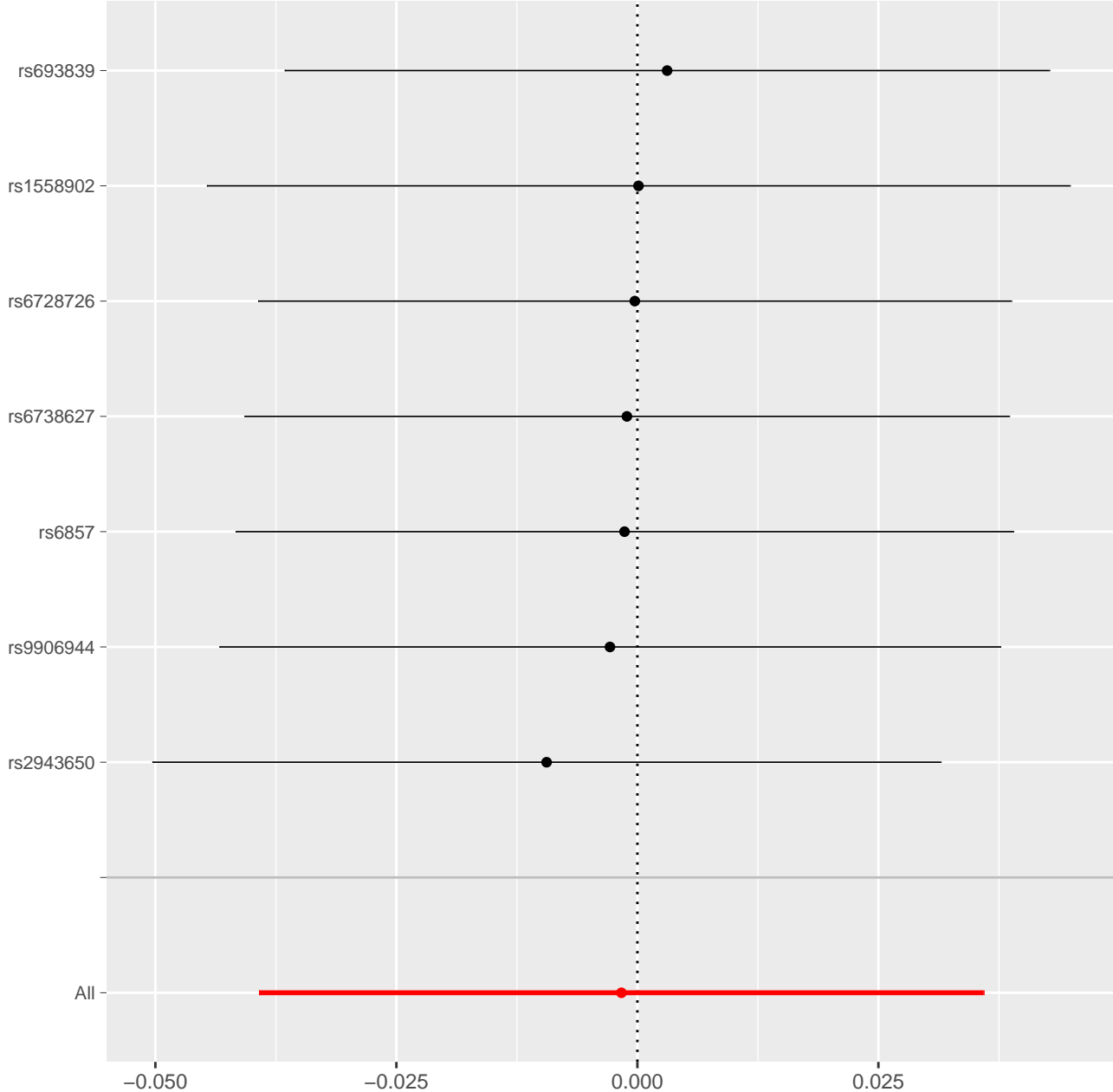
0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Ornithine || id:336'









MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '4-acetamidobutanoate || id:339'

rs9906944

rs6857

rs6728726

rs6738627

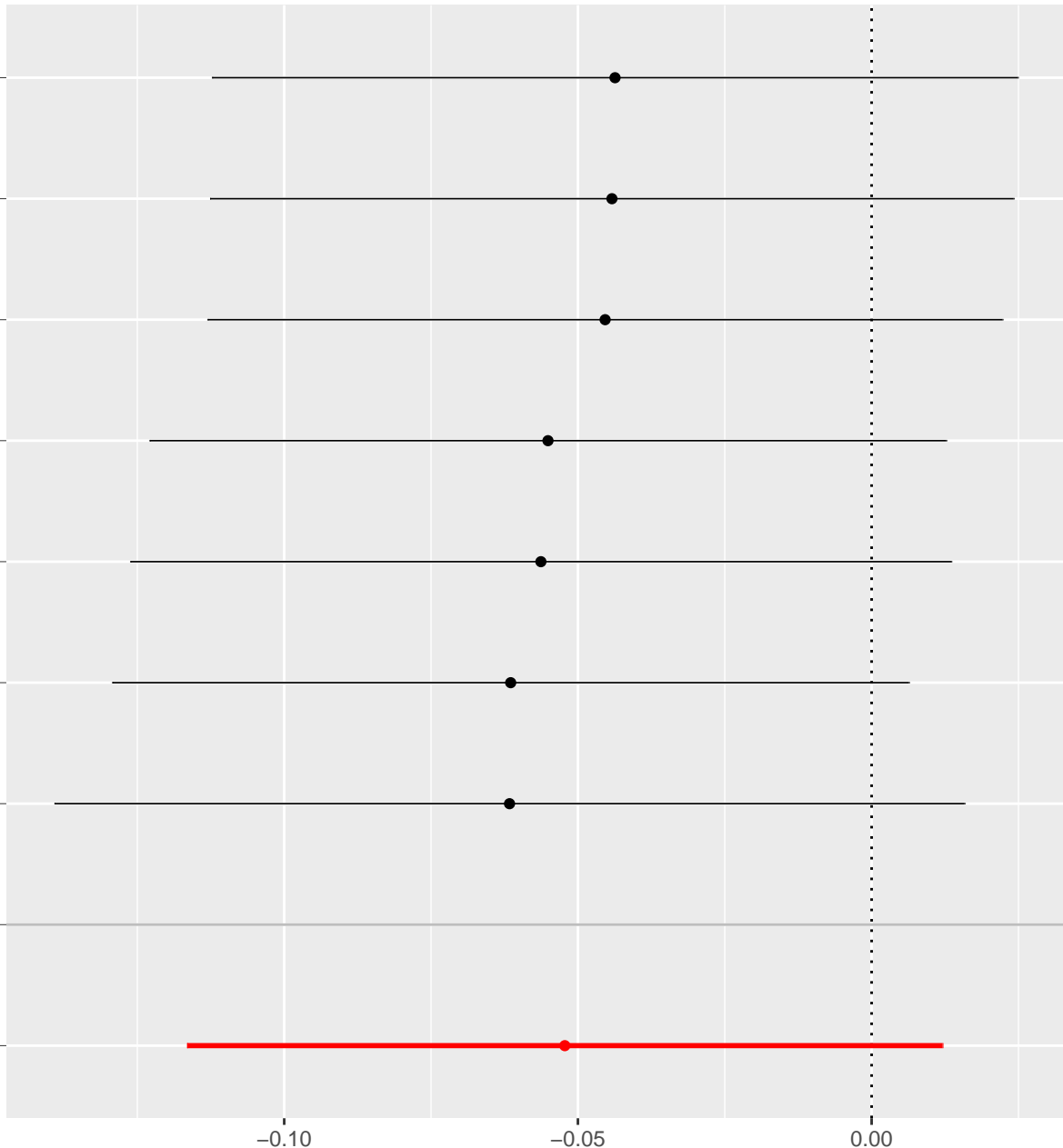
rs2943650

rs693839

rs1558902

All

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Alpha-tocopherol || id:340'



rs1558902

rs6738627

rs6857

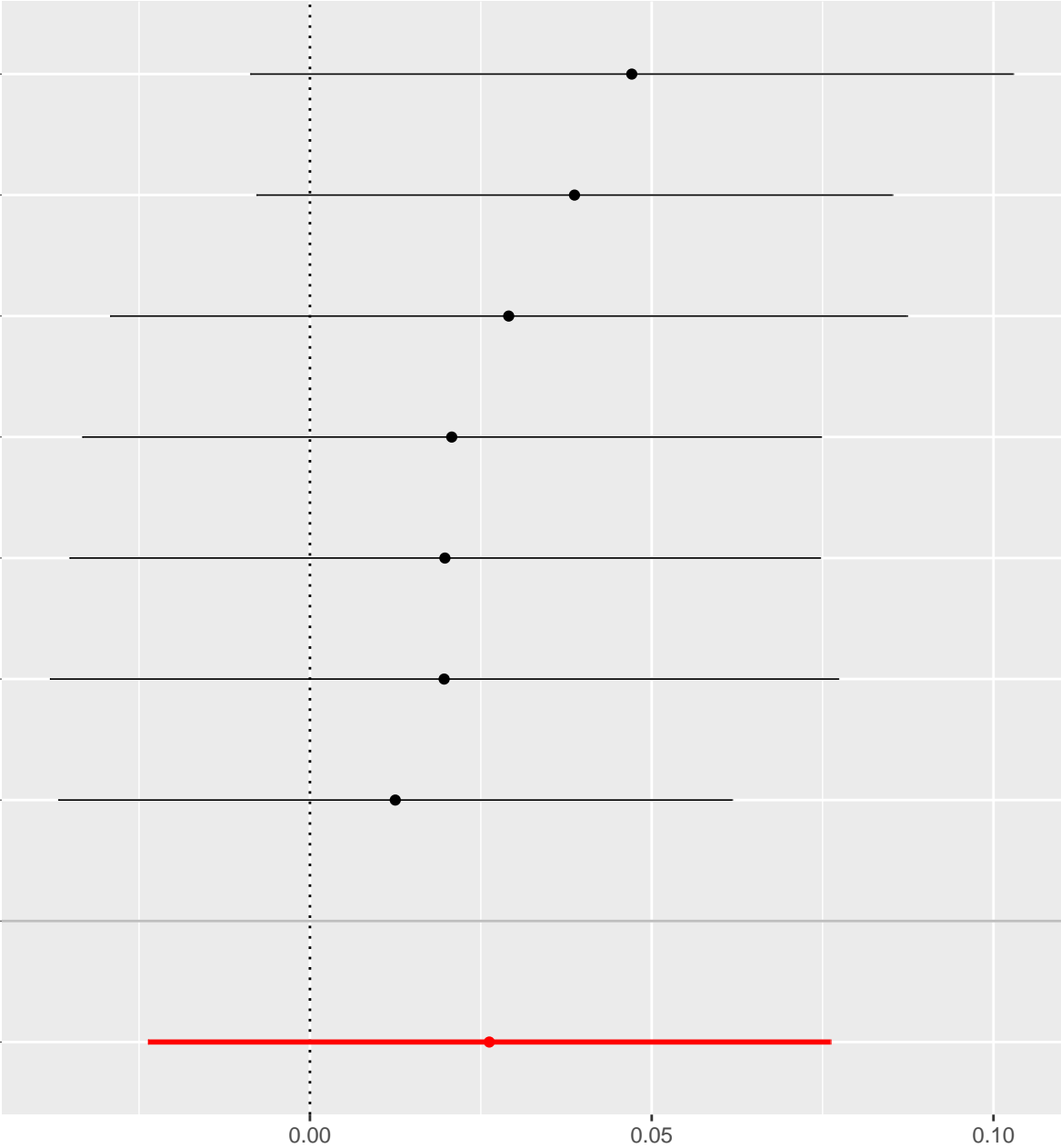
rs6728726

rs693839

rs2943650

rs9906944

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Citrate || id:341'

rs1558902

rs6738627

rs2943650

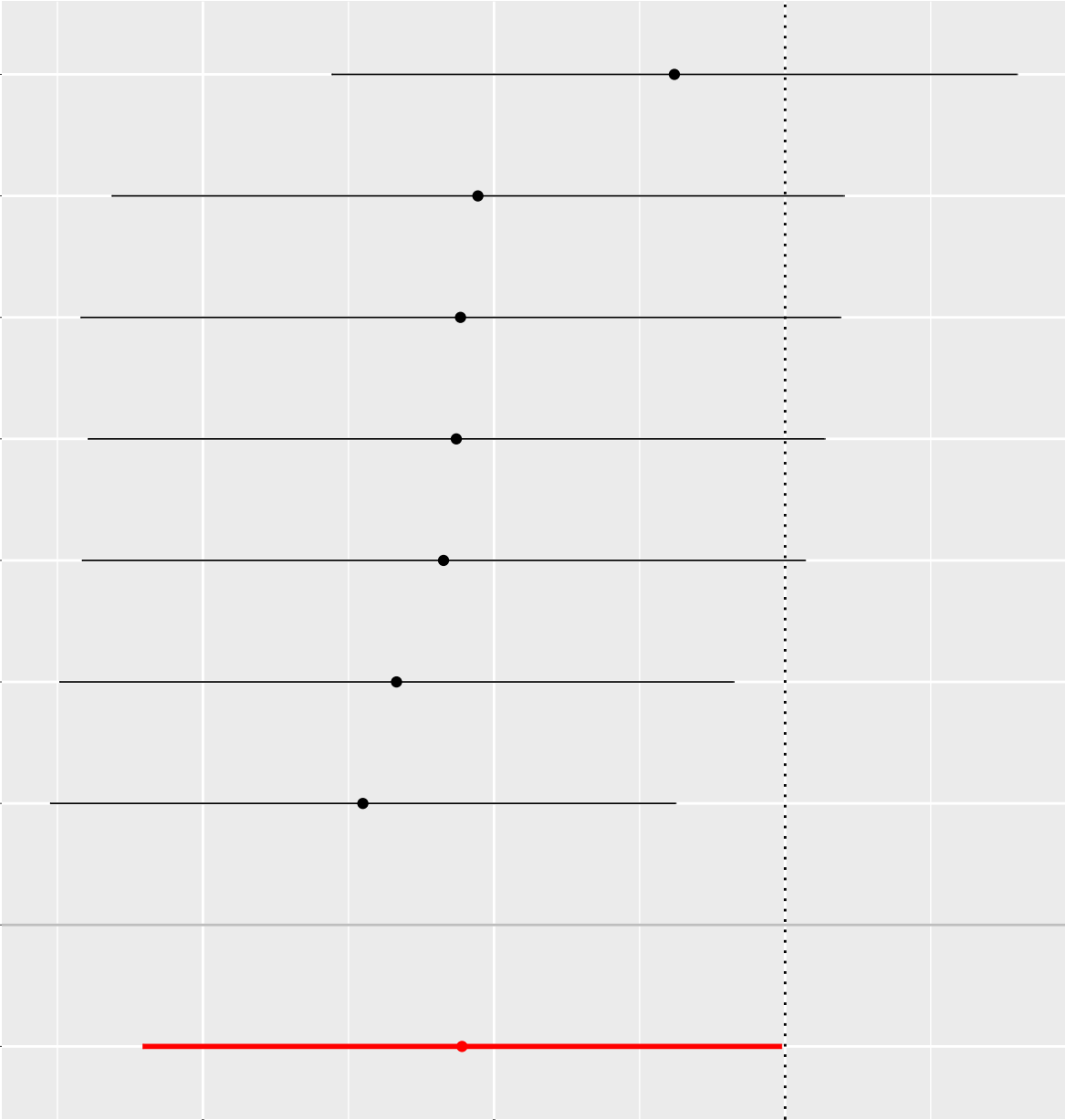
rs693839

rs6728726

rs9906944

rs6857

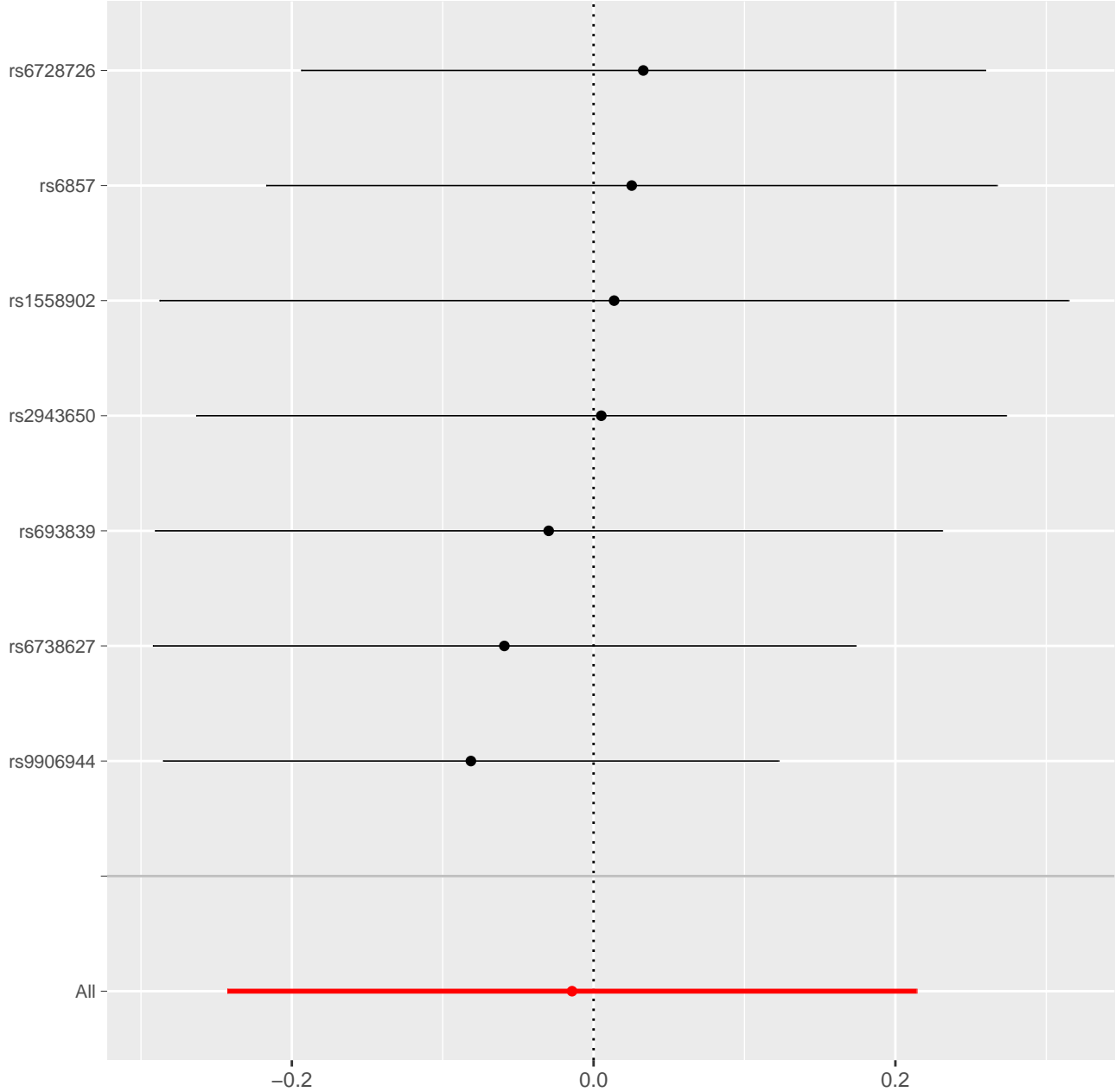
All



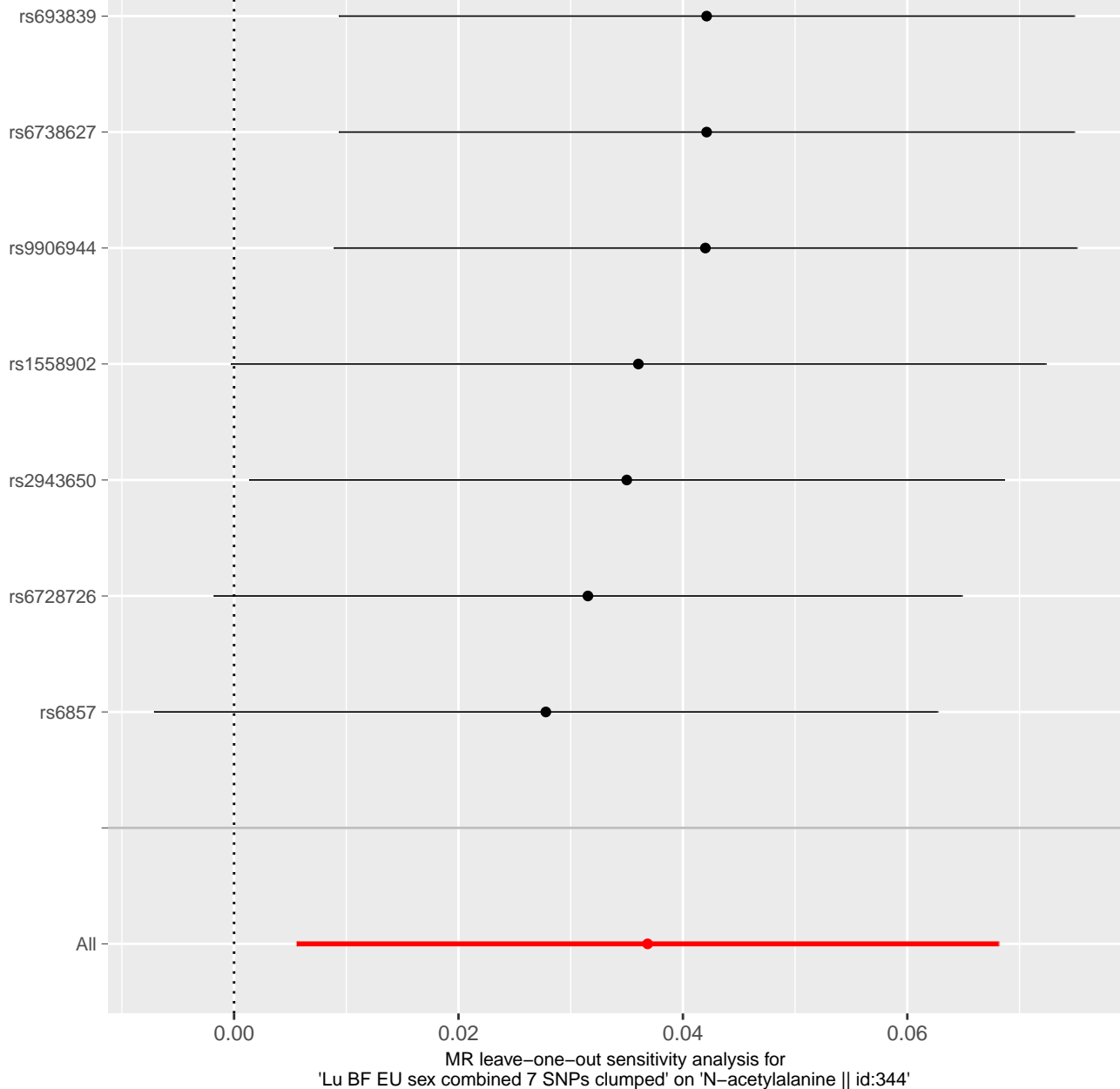
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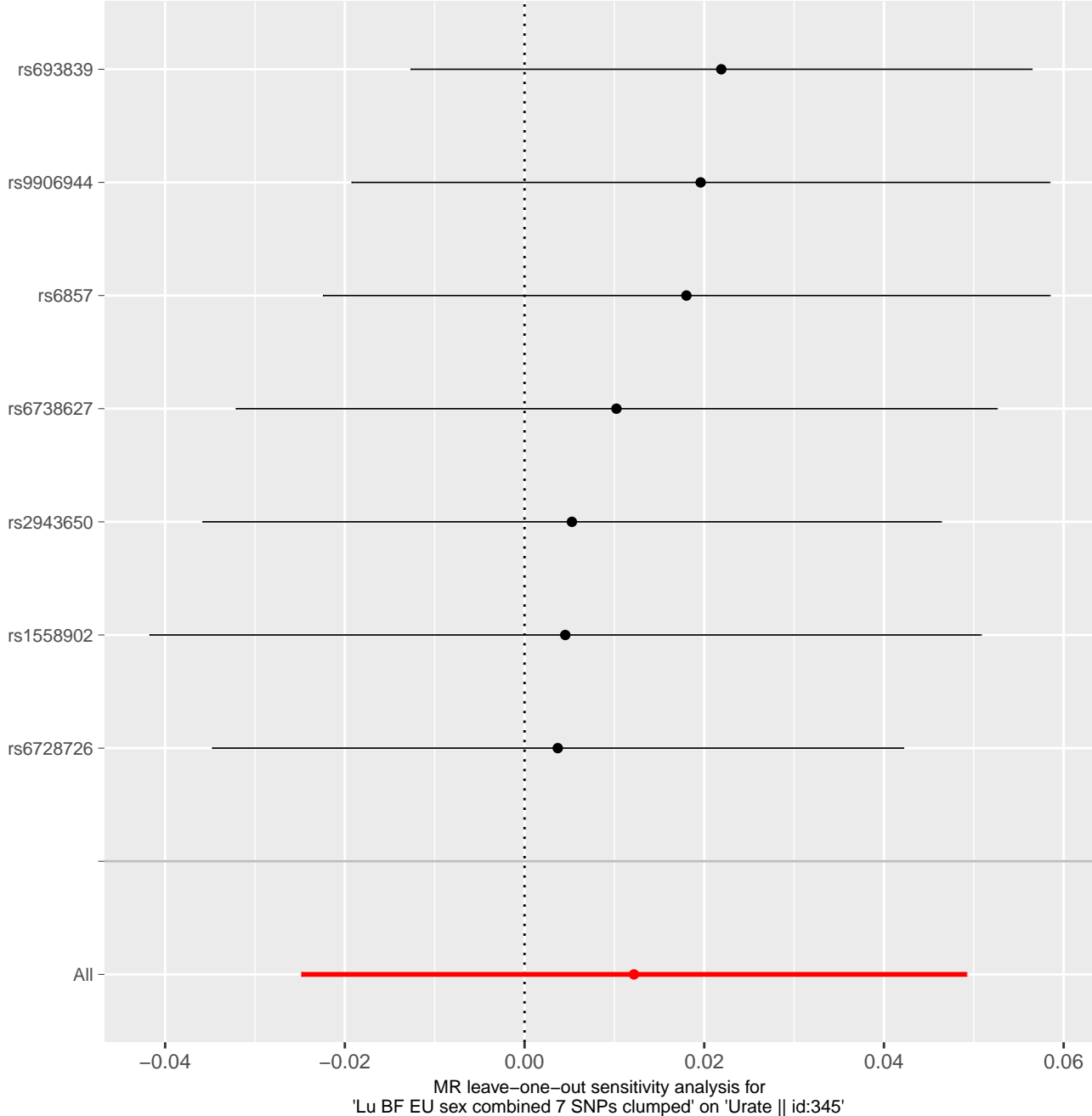
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0.00



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Guanosine || id:343'





rs2943650

rs6738627

rs6728726

rs1558902

rs693839

rs6857

rs9906944

All

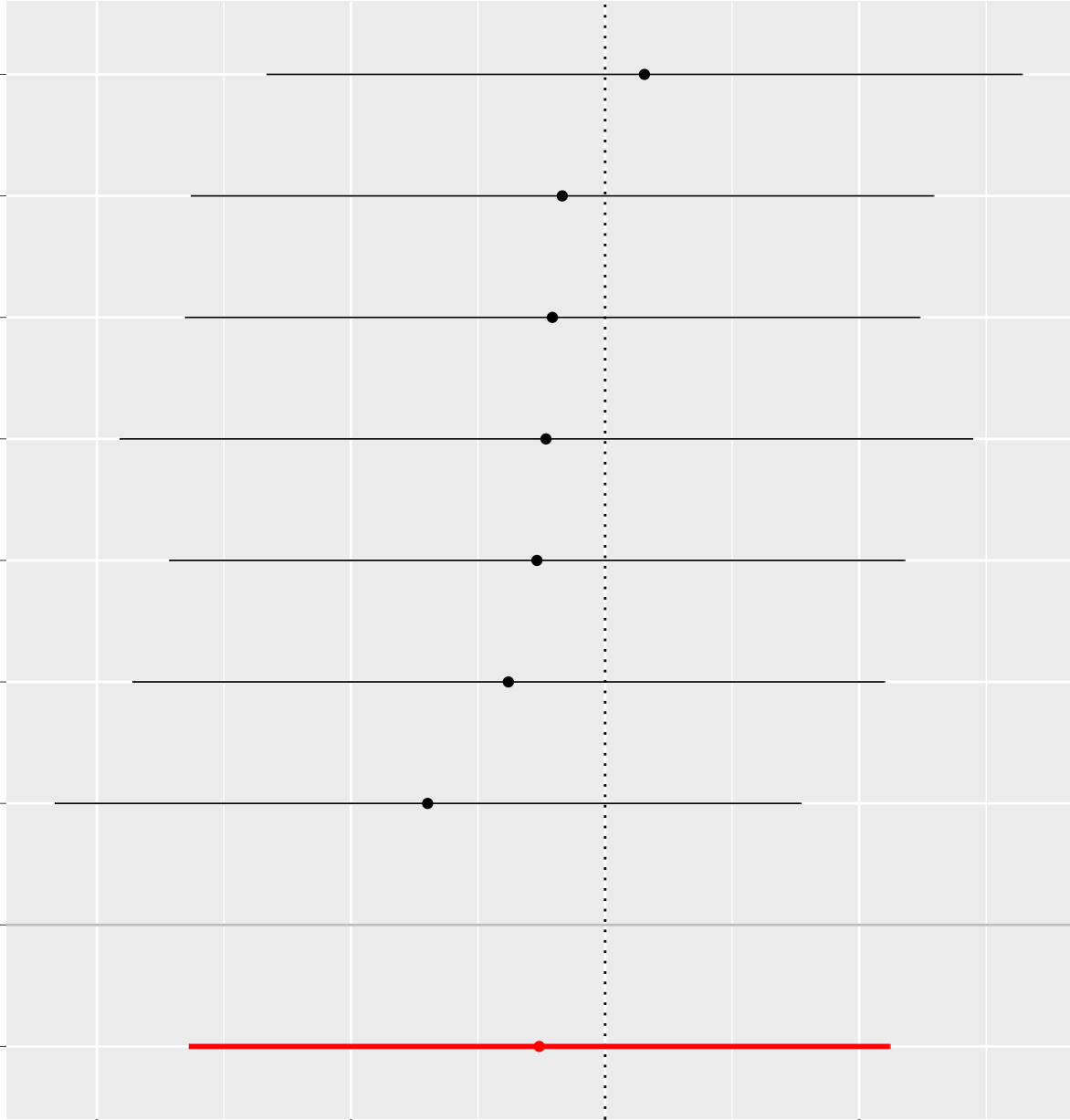
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Ursodeoxycholate || id:346'



rs1558902

rs2943650

rs6728726

rs9906944

rs6738627

rs693839

rs6857

All

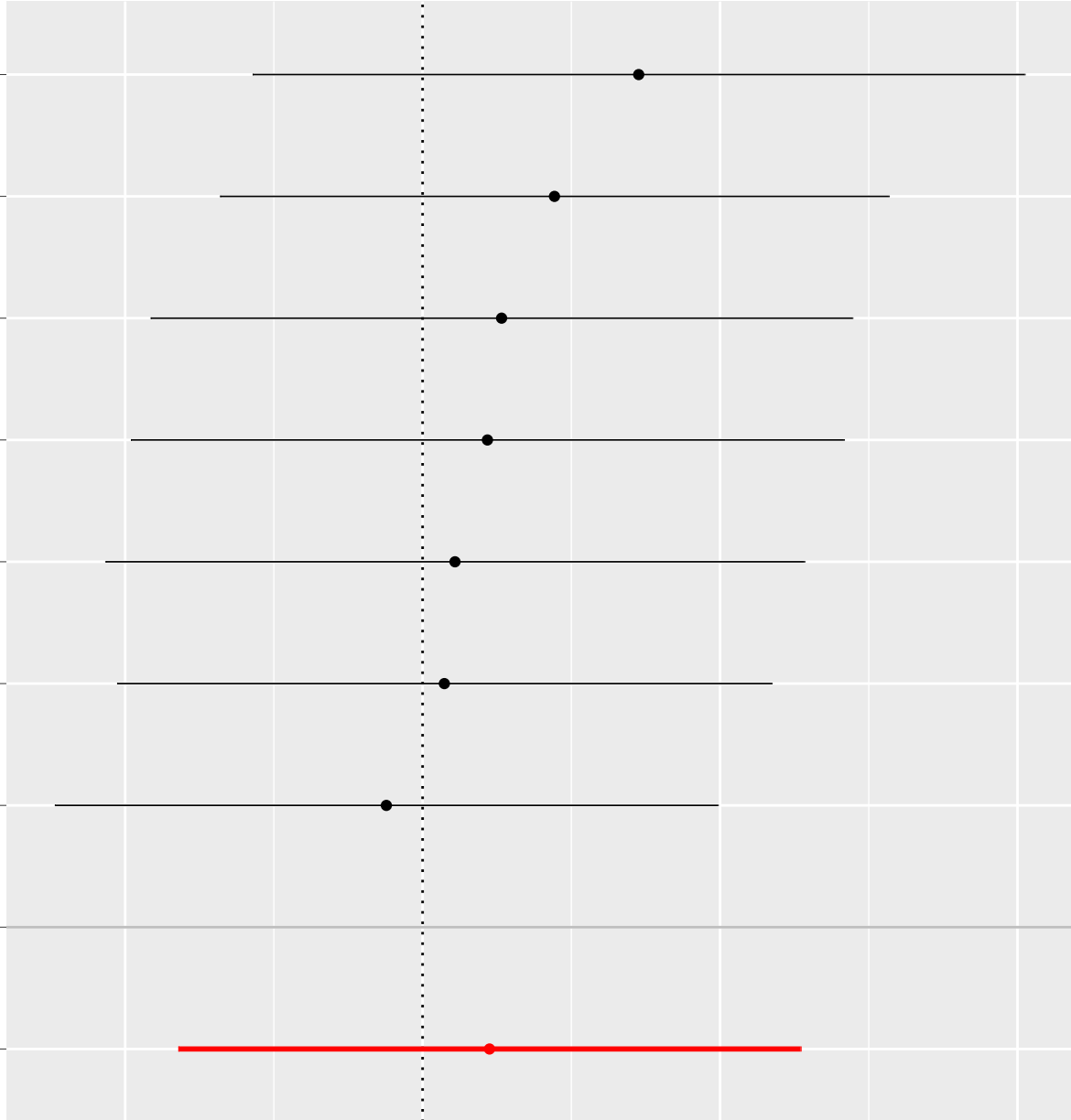
-0.05

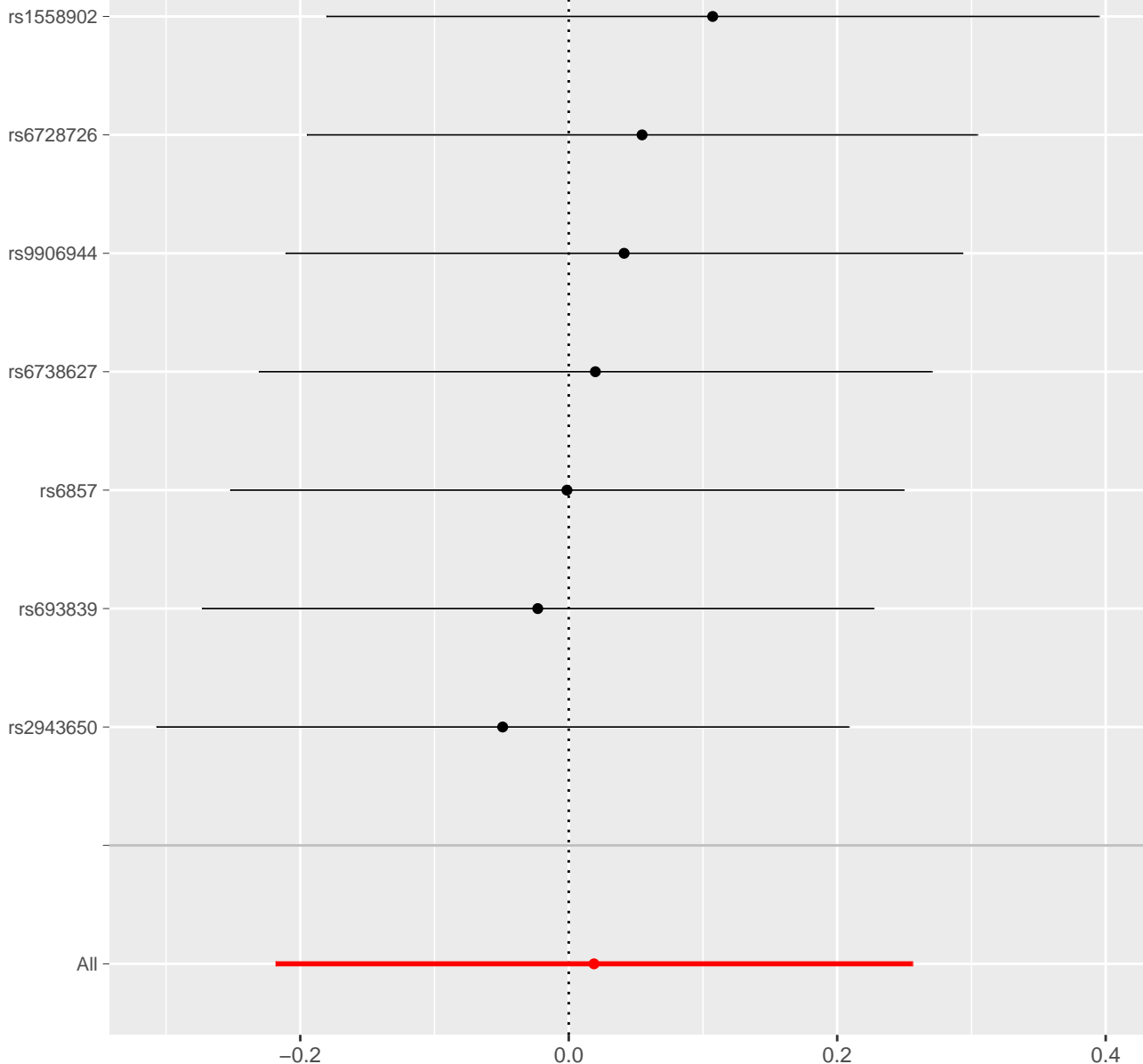
0.00

0.05

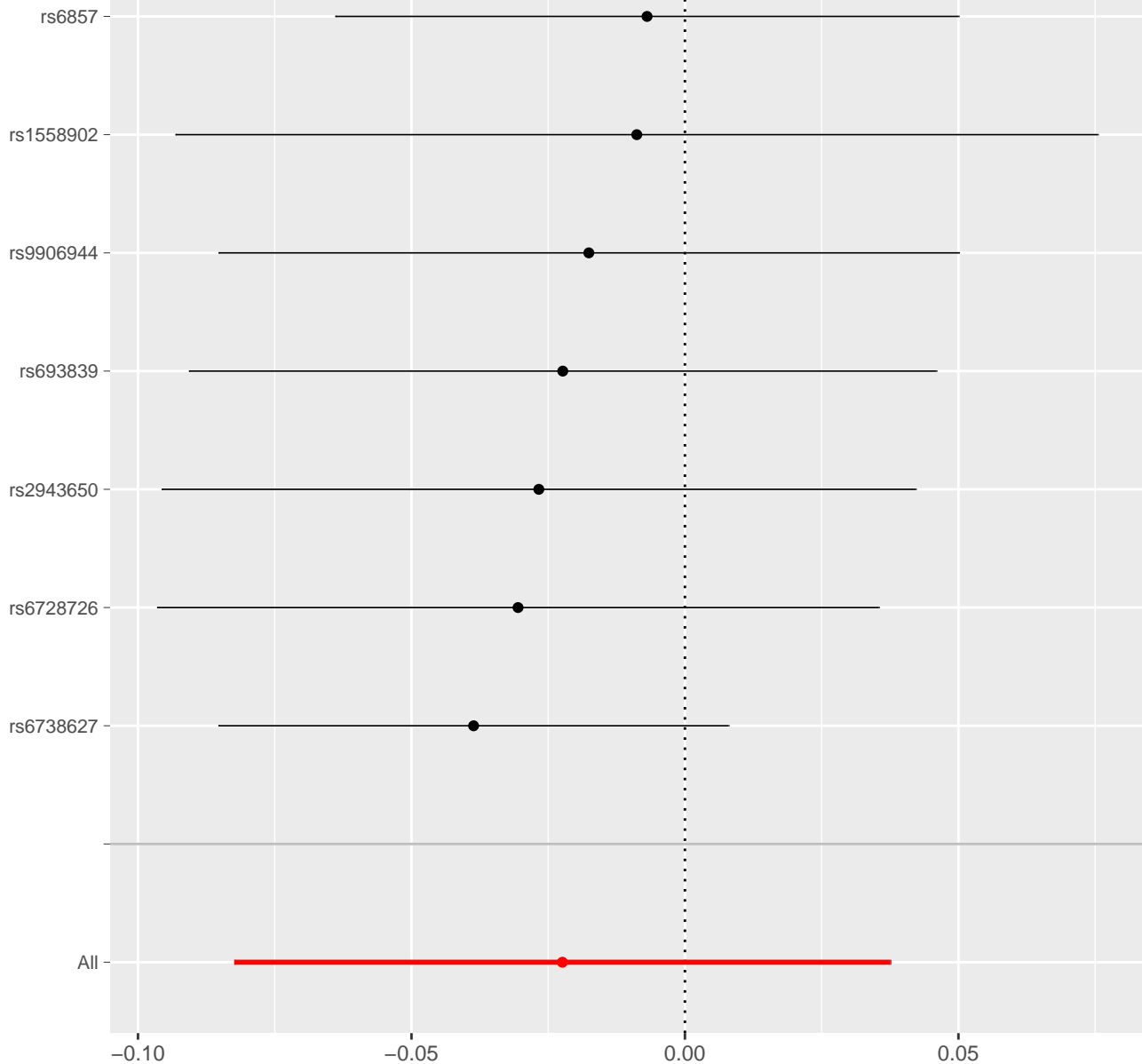
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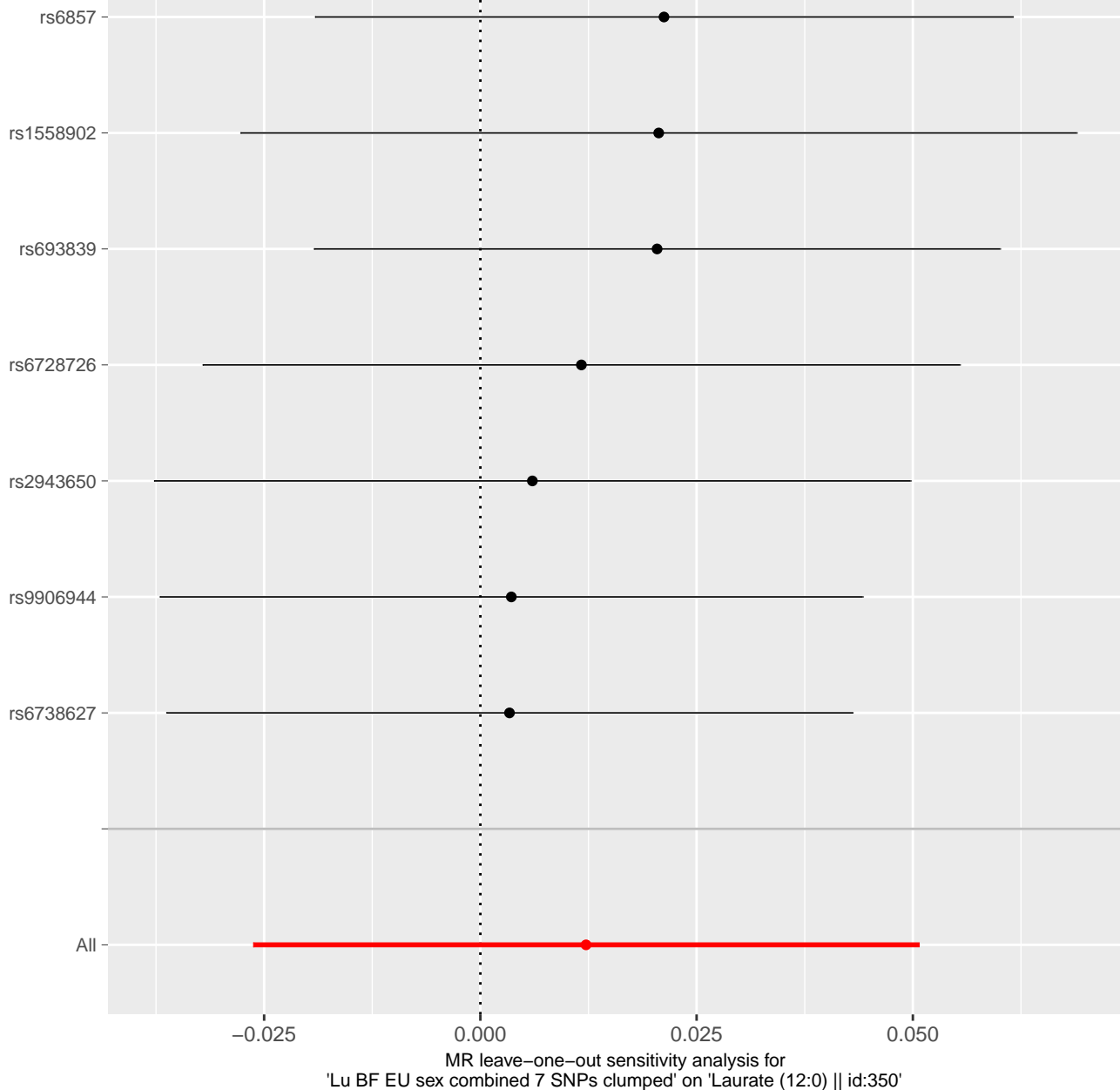
MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Arginine || id:347'

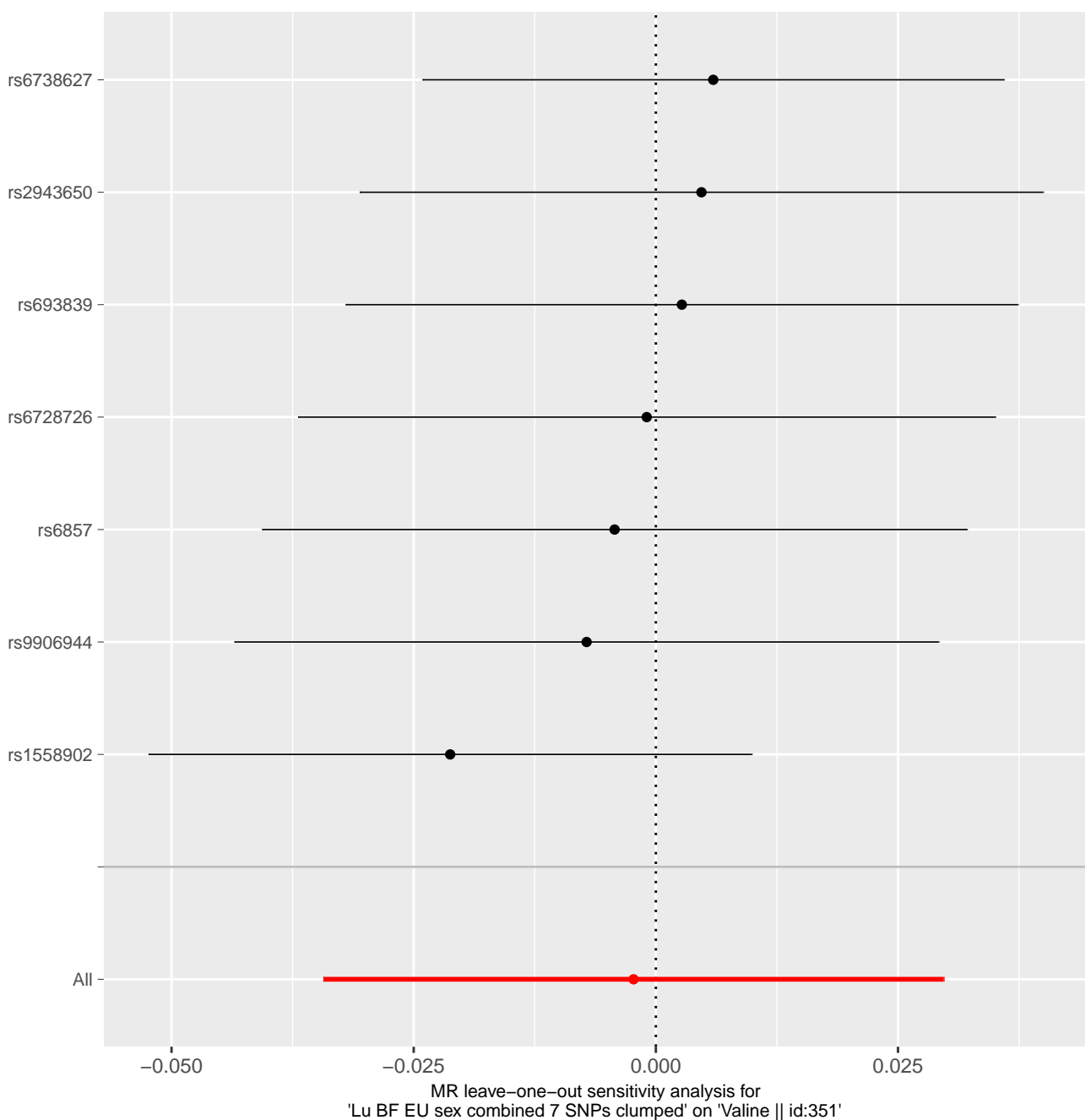




MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Ascorbate (Vitamin C) || id:348'







rs6738627

rs1558902

rs2943650

rs6728726

rs693839

rs9906944

rs6857

All

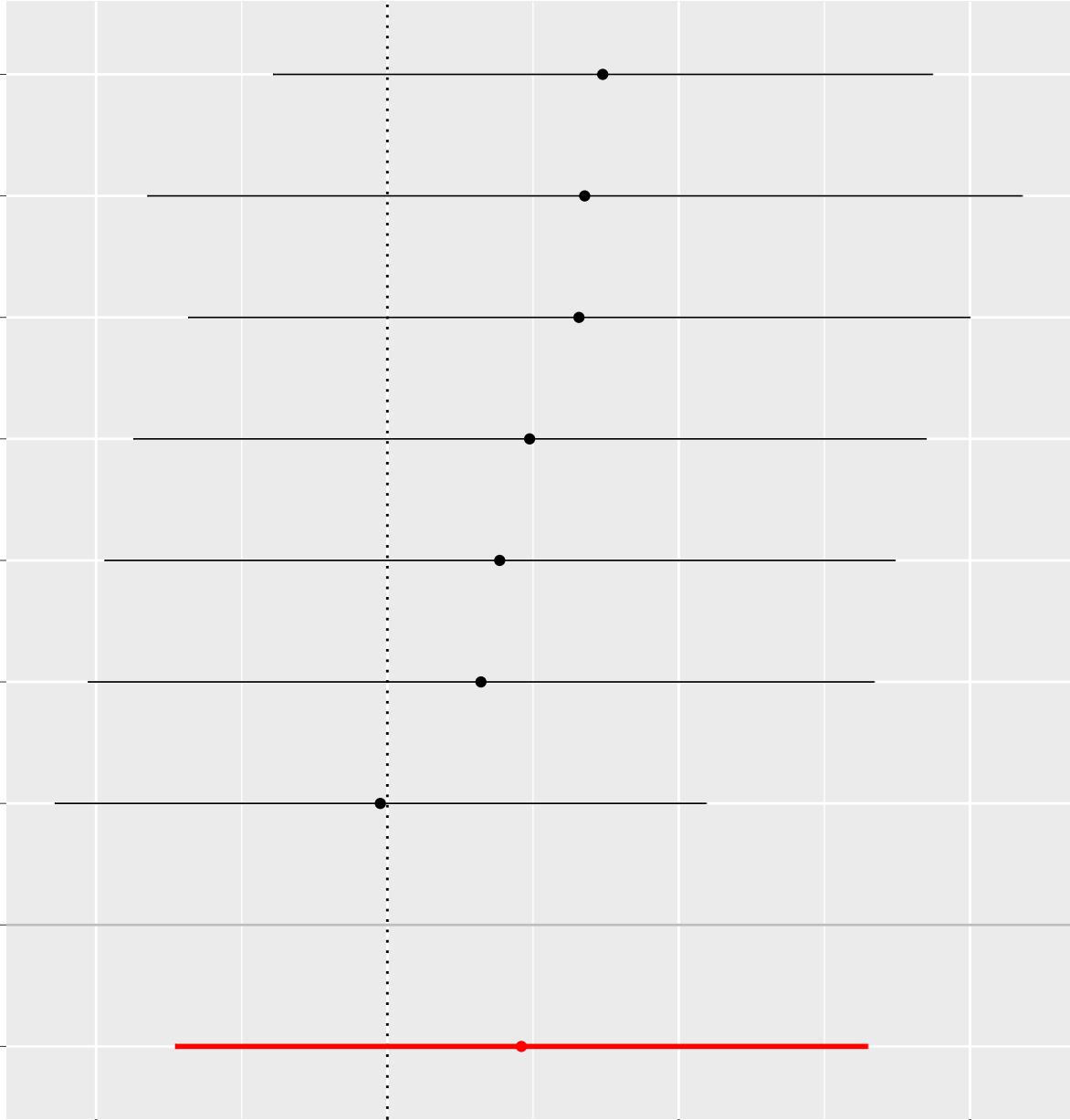
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Urea || id:352'



rs1558902

rs6728726

rs693839

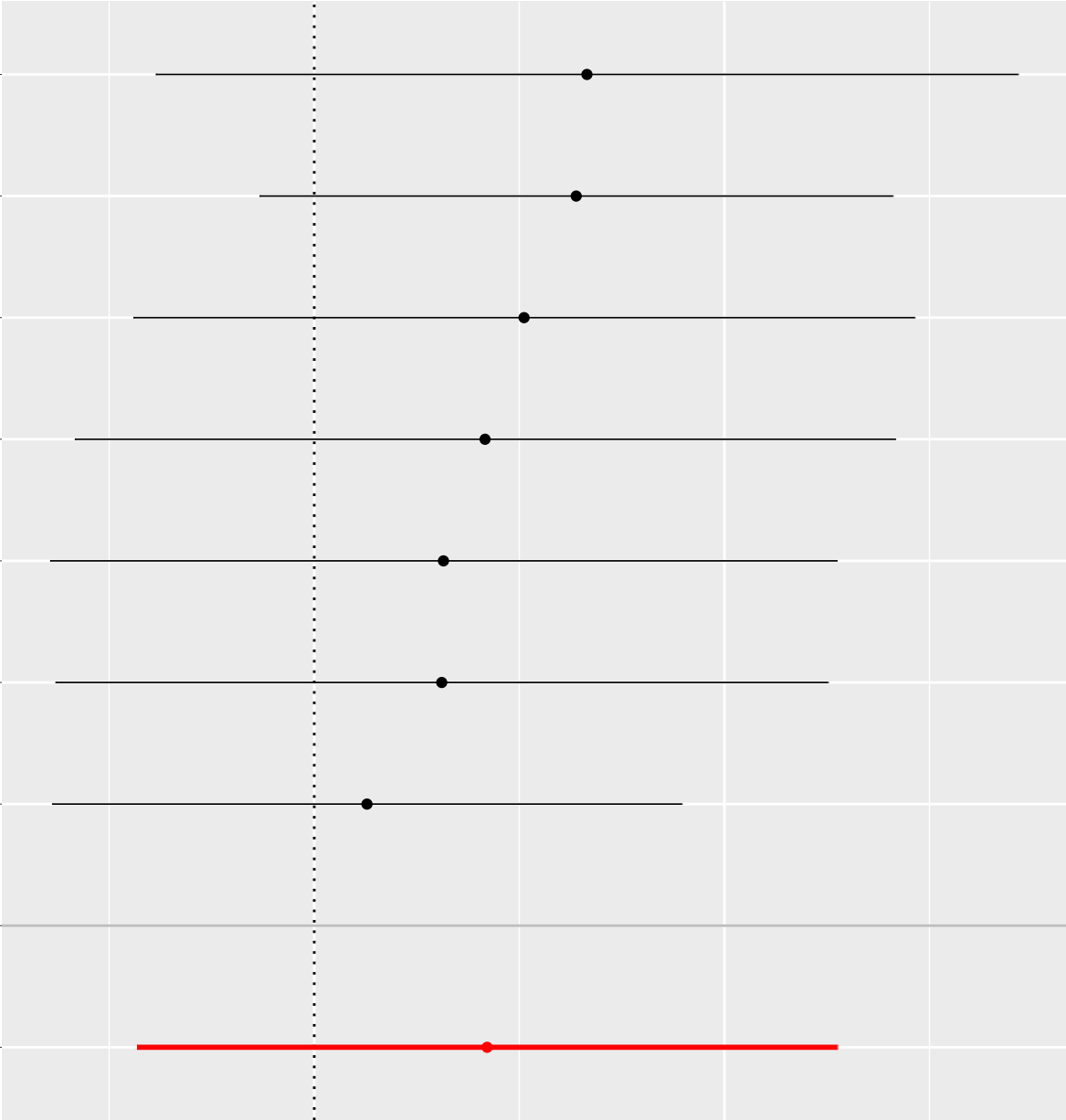
rs9906944

rs6857

rs6738627

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Cortisol || id:353'

rs1558902

rs6728726

rs693839

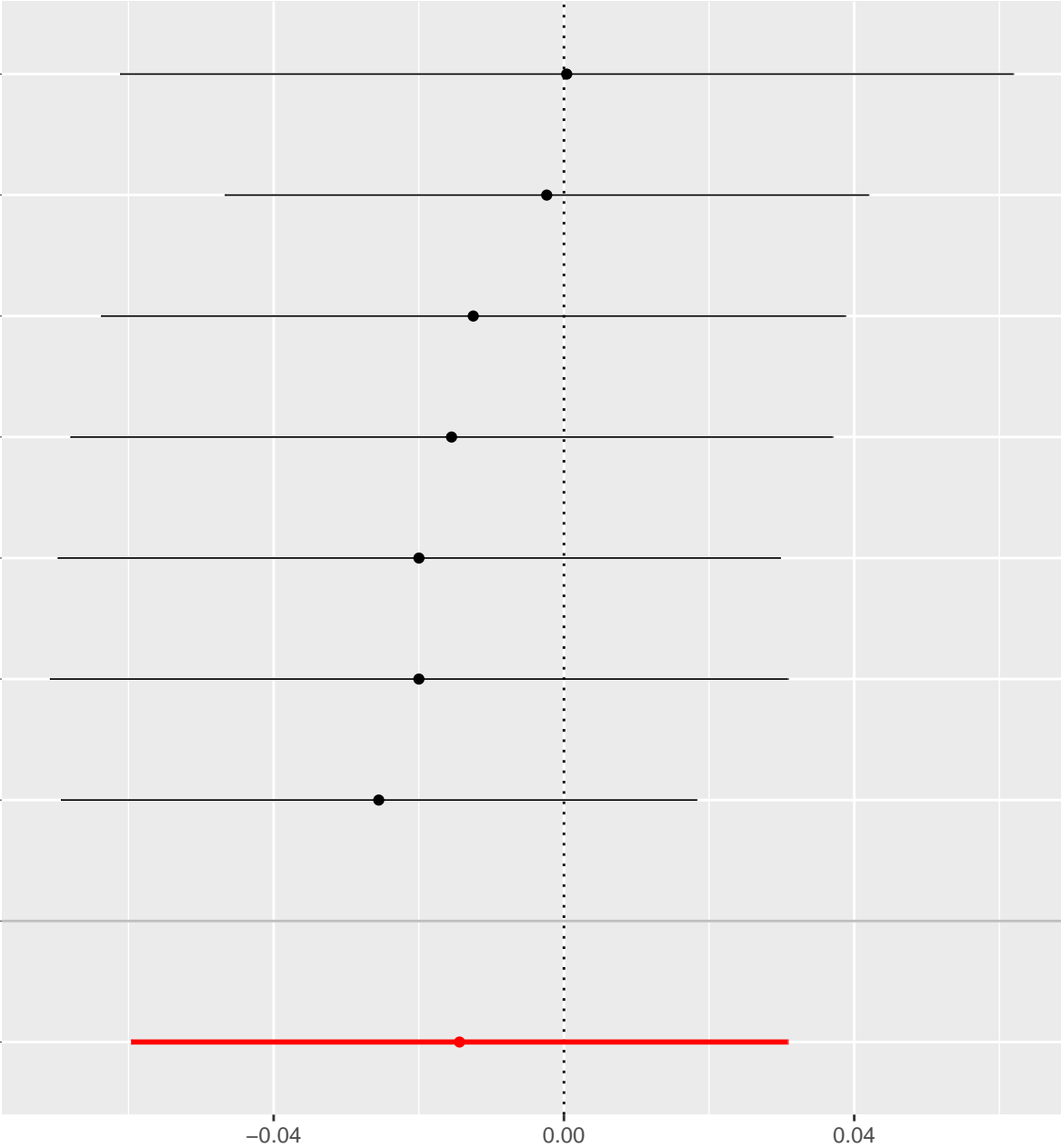
rs6857

rs9906944

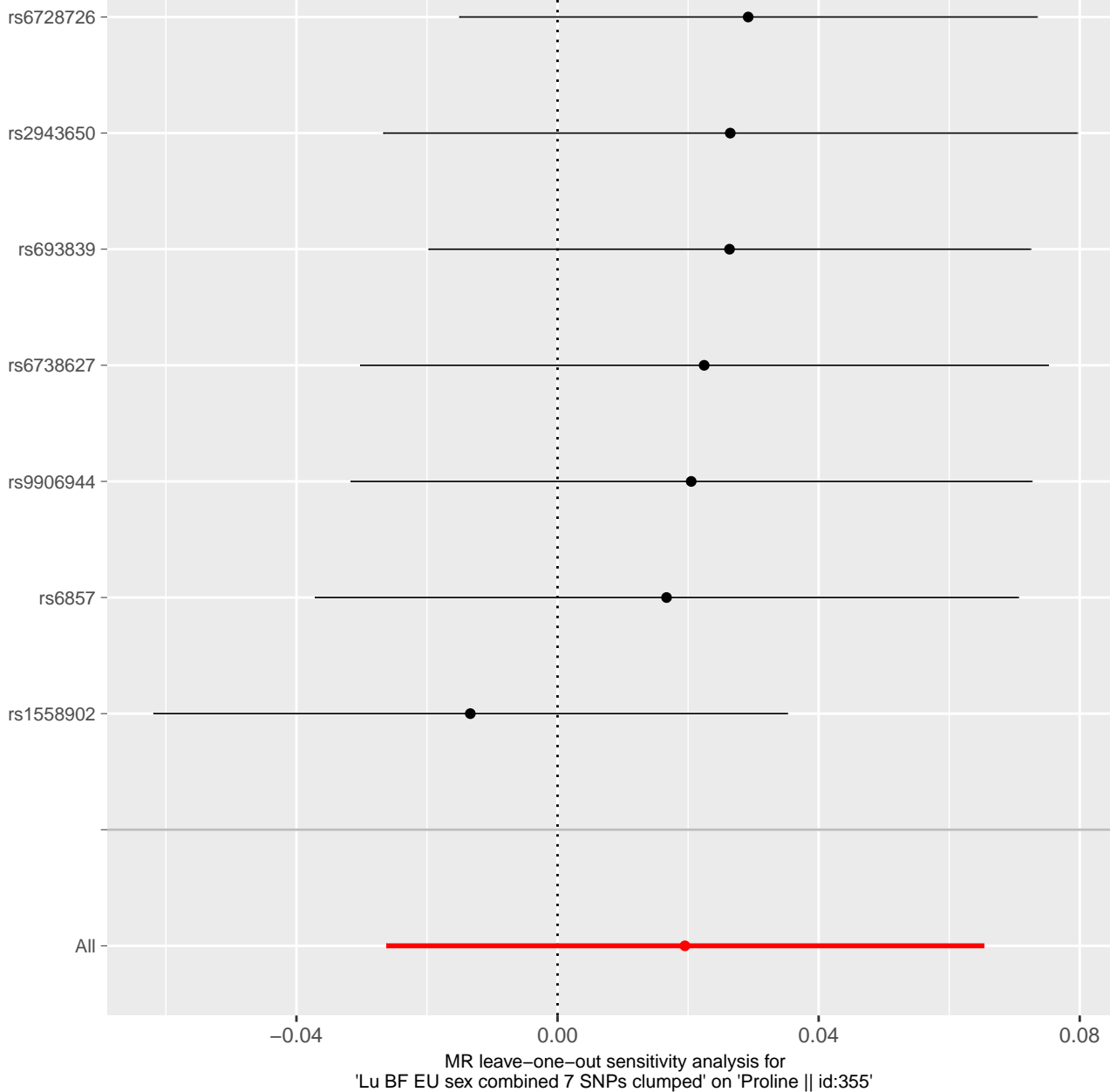
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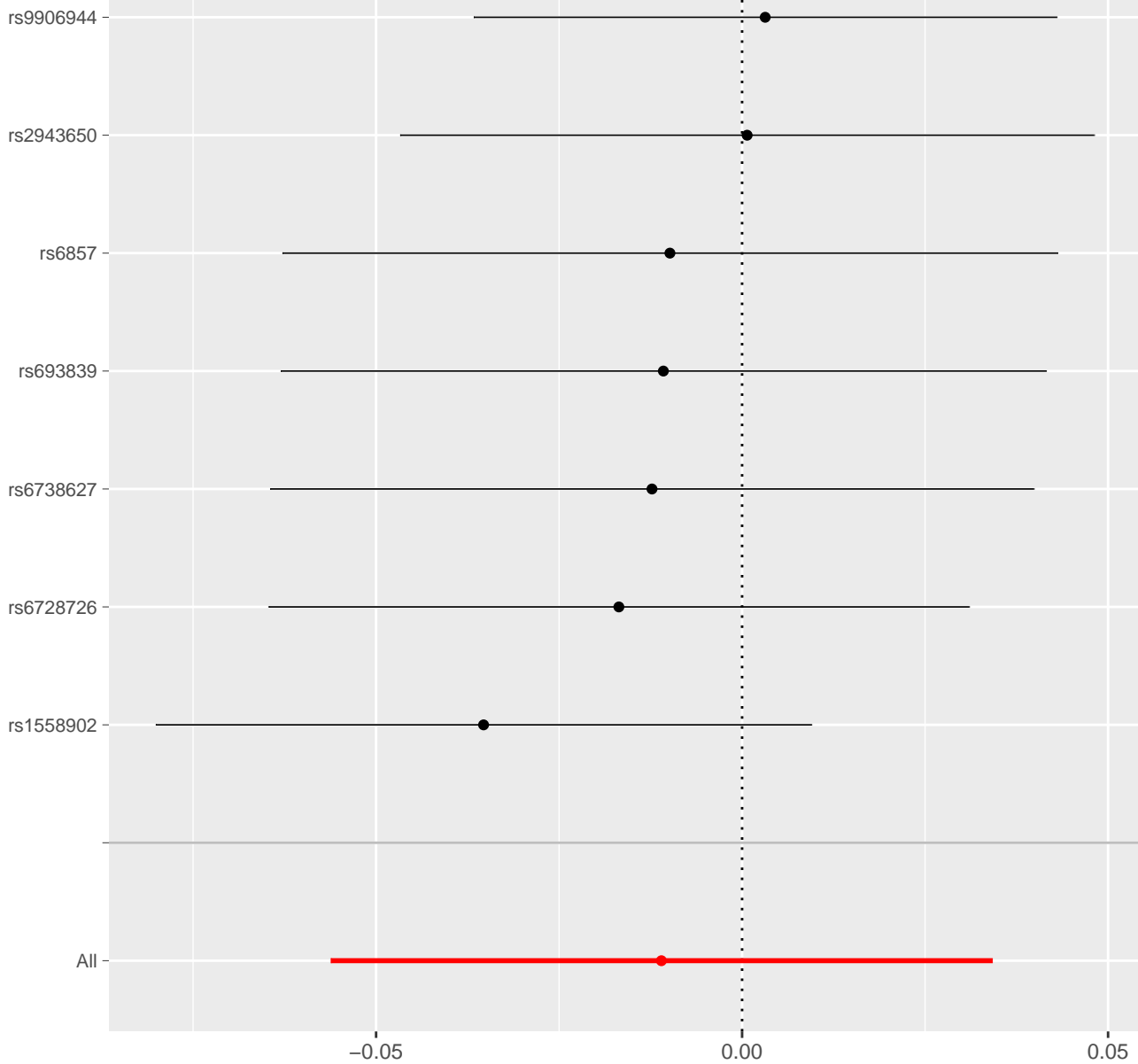
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All

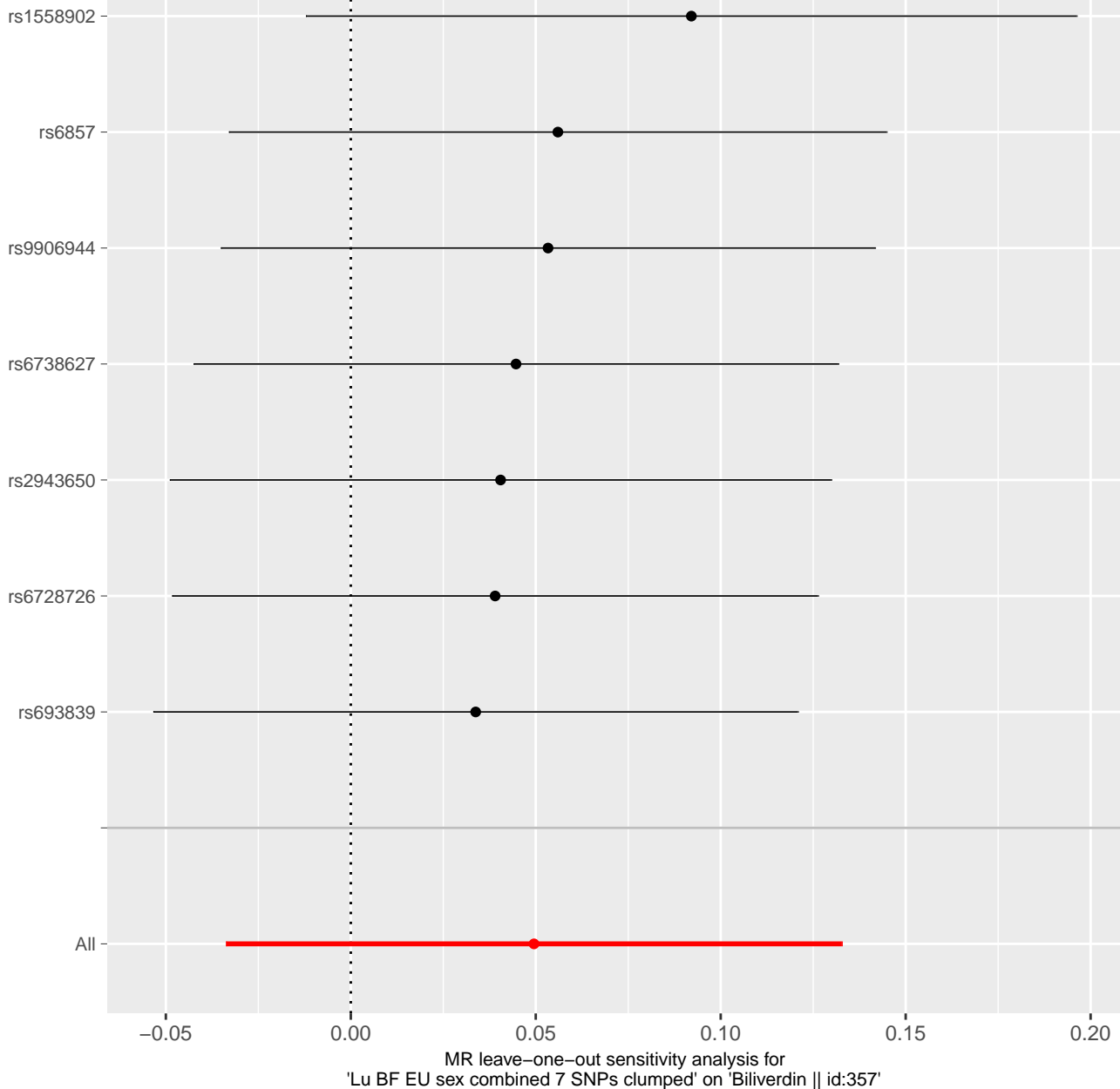


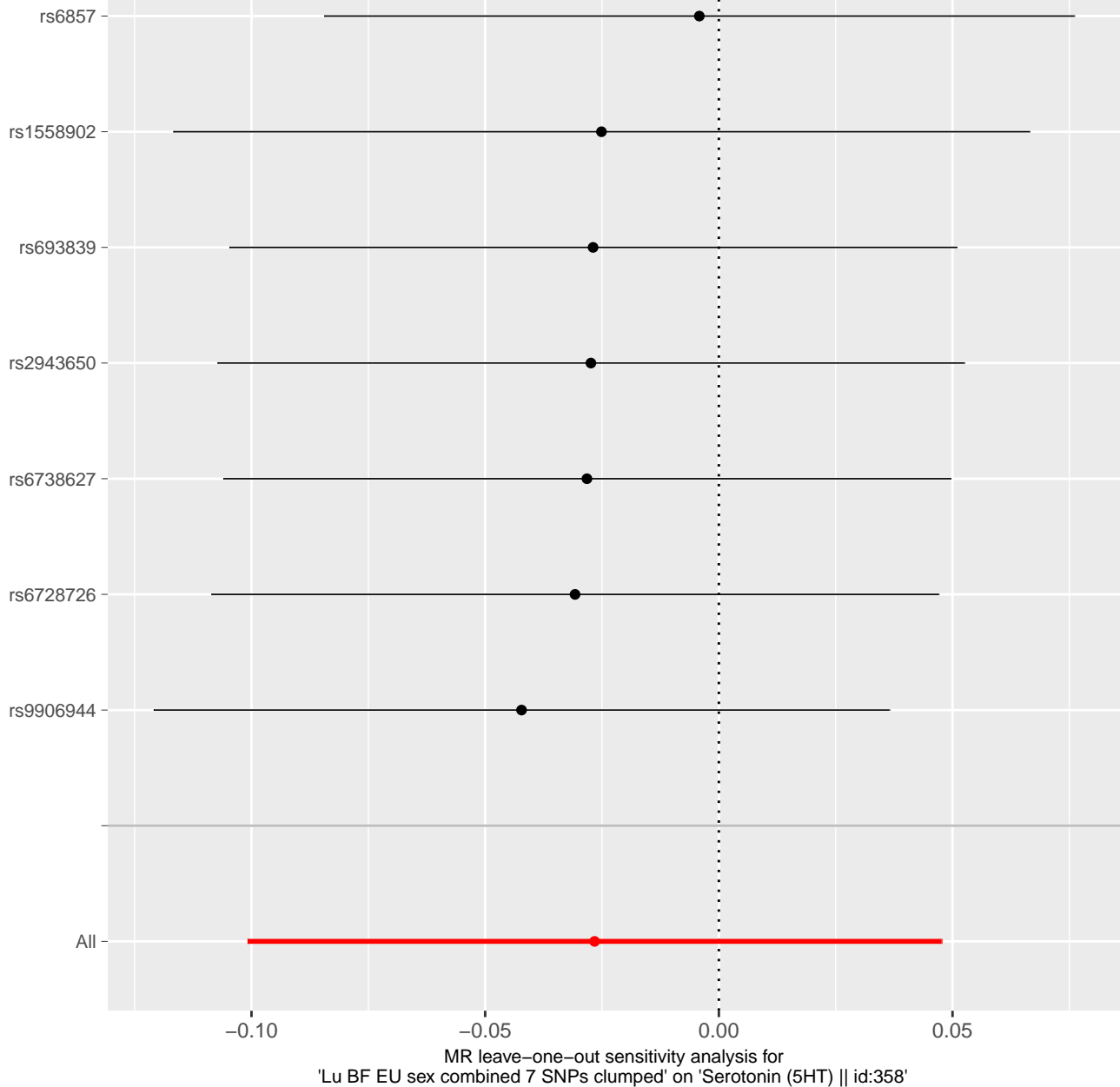
MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Cortisone || id:354'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Citruiline || id:356'





rs1558902

rs6728726

rs693839

rs9906944

rs6857

rs6738627

rs2943650

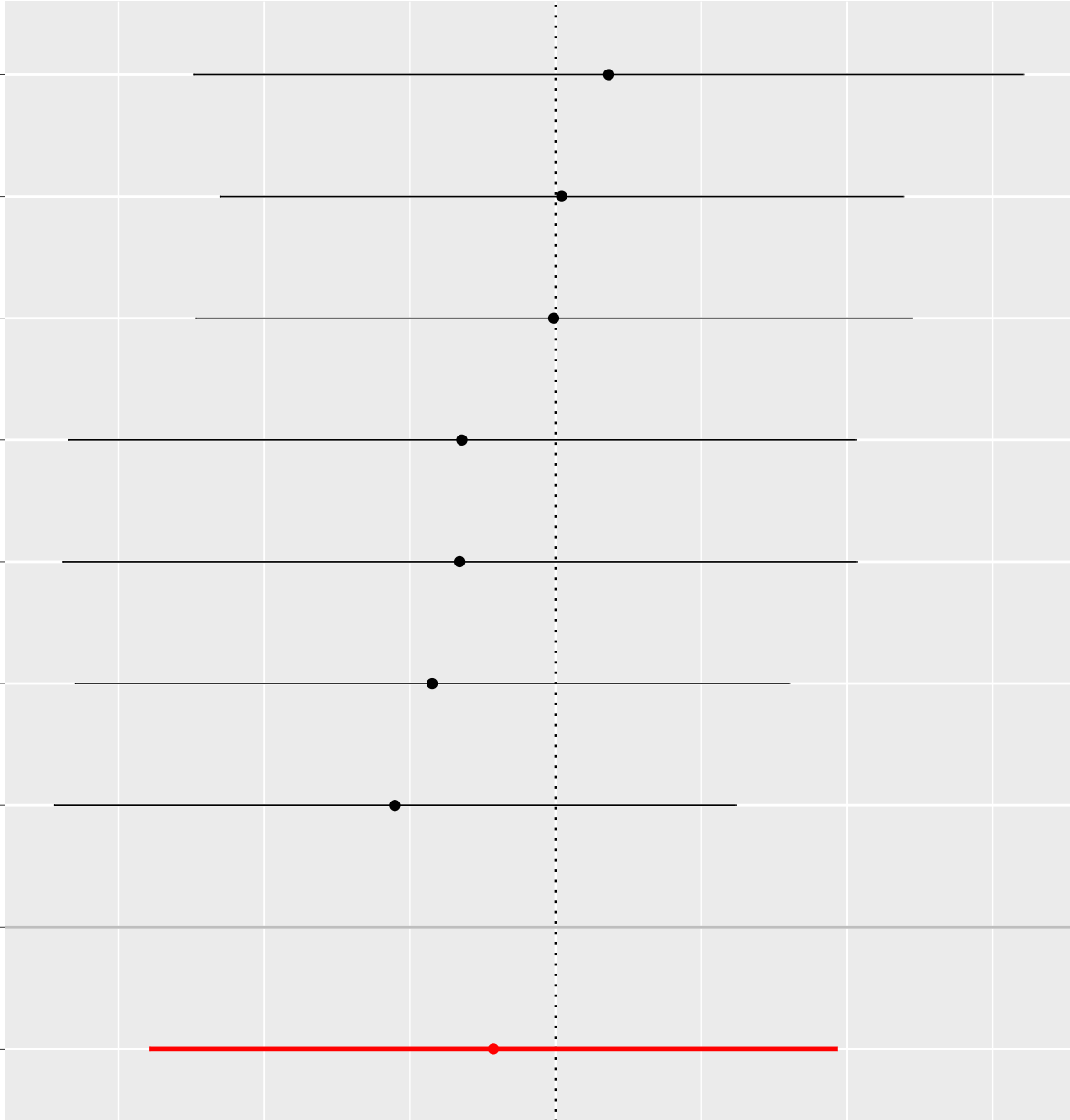
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Gamma-glutamylglutamine || id:359'



rs6738627

rs2943650

rs693839

rs9906944

rs6857

rs6728726

rs1558902

All

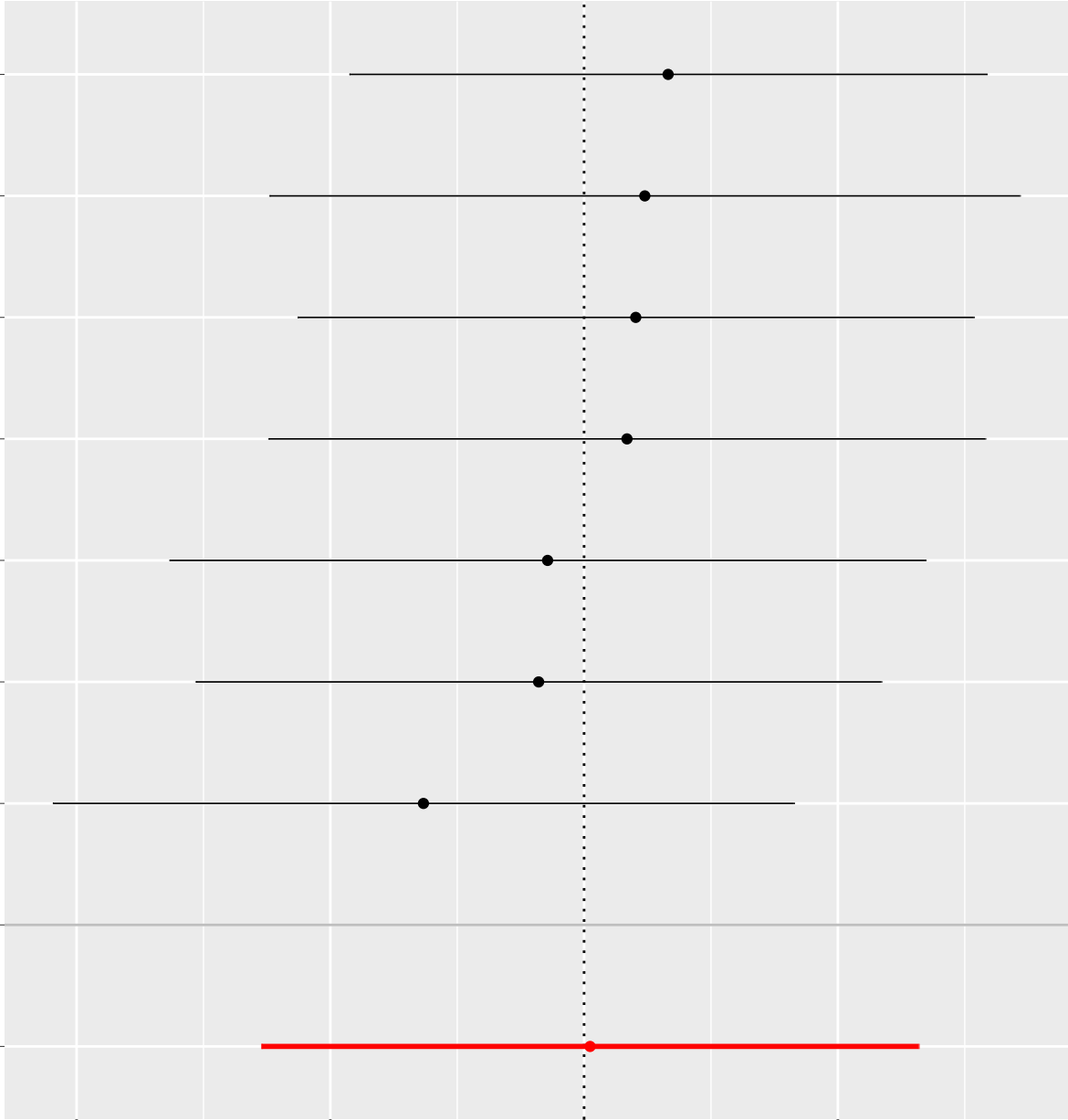
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Gamma-glutamyltyrosine || id:360'



rs6728726

rs1558902

rs6738627

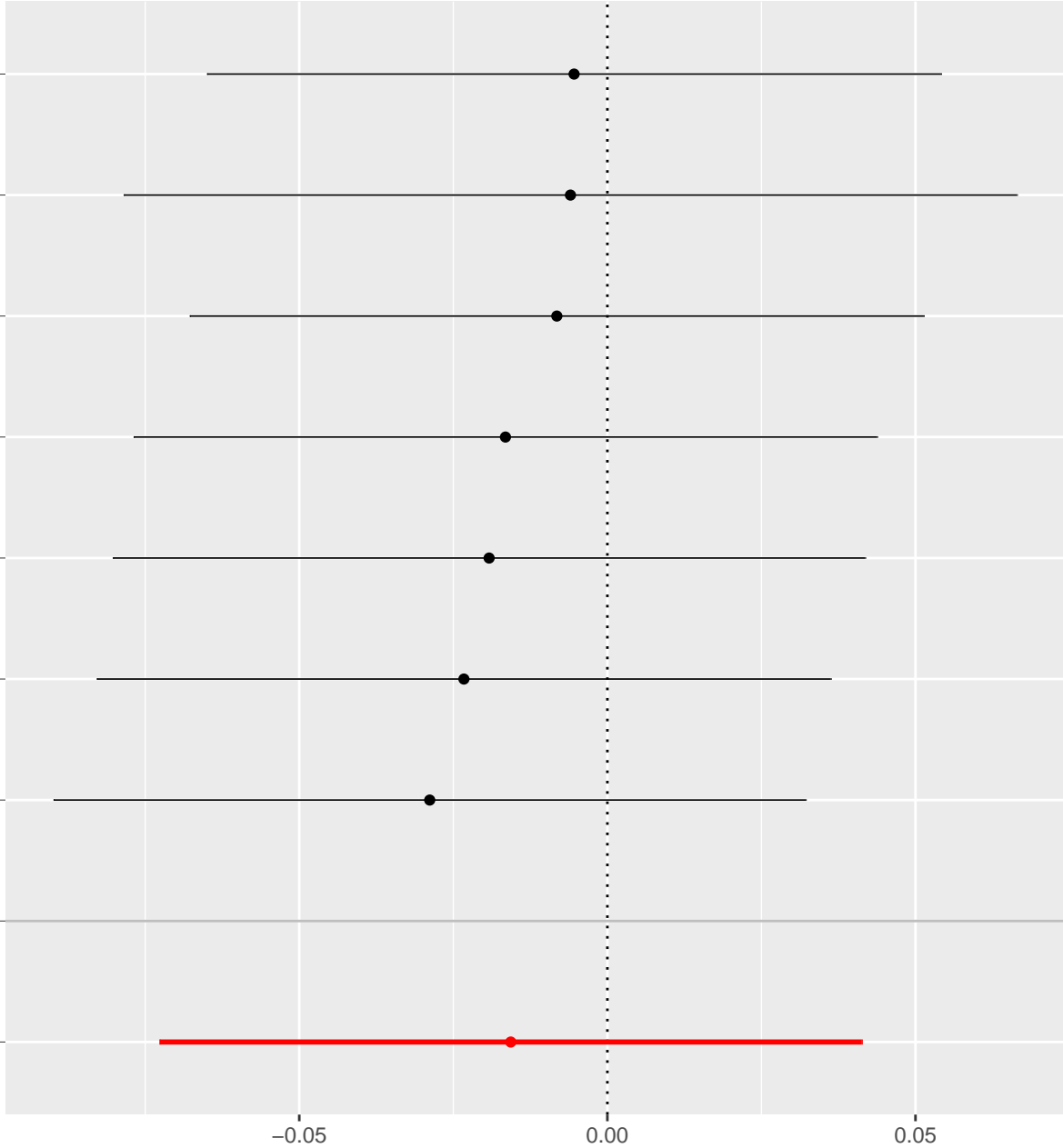
rs9906944

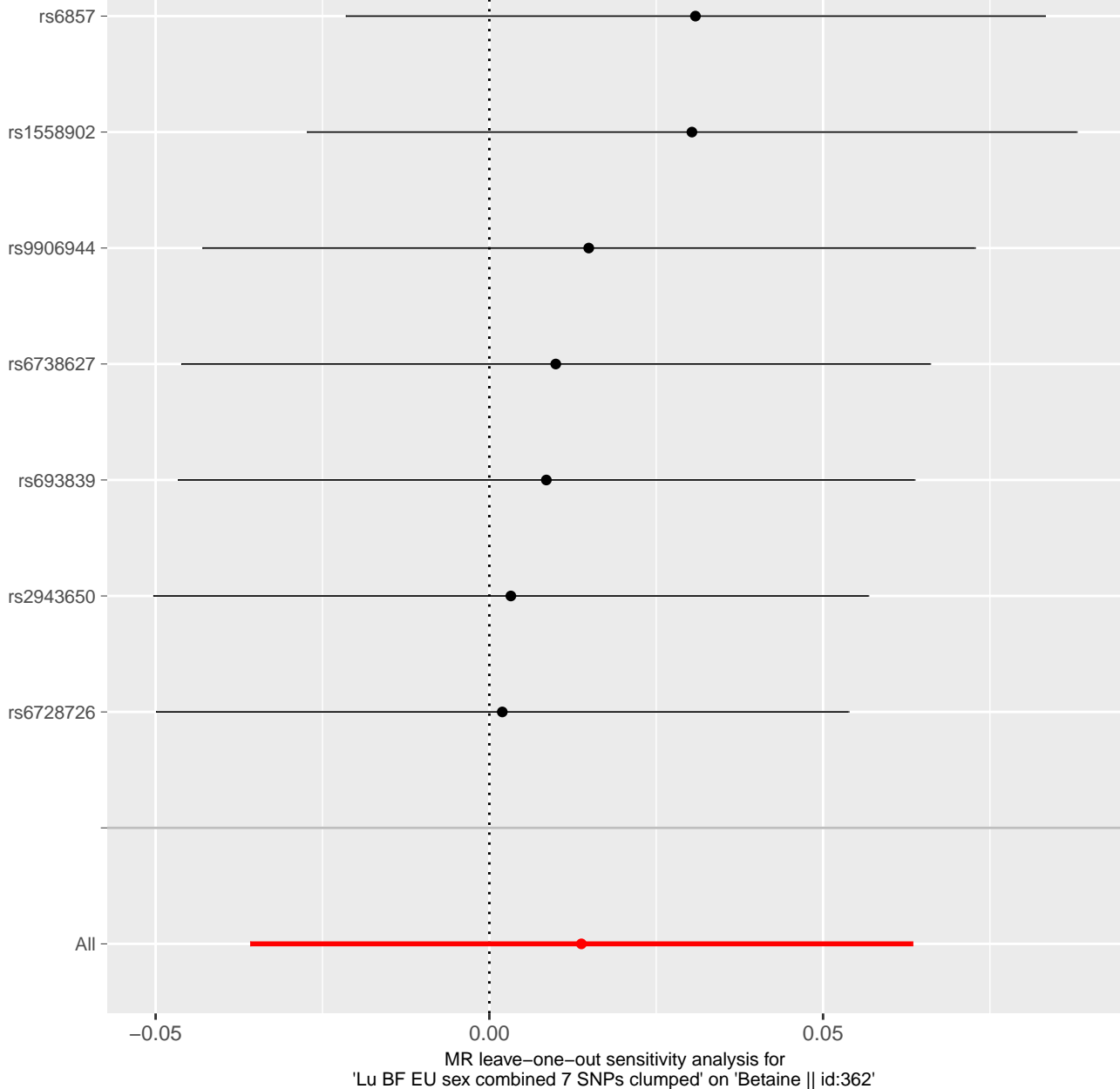
rs2943650

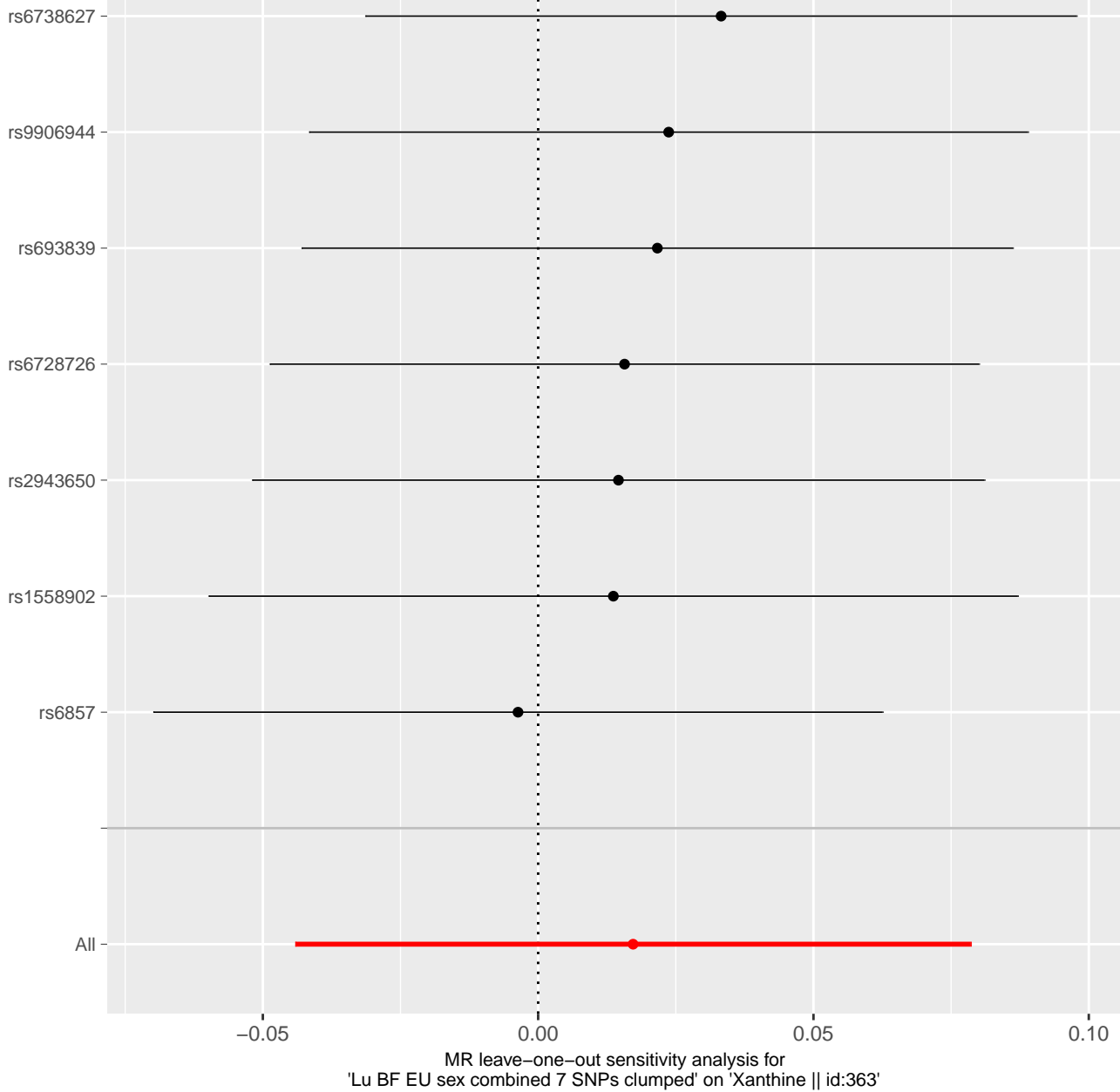
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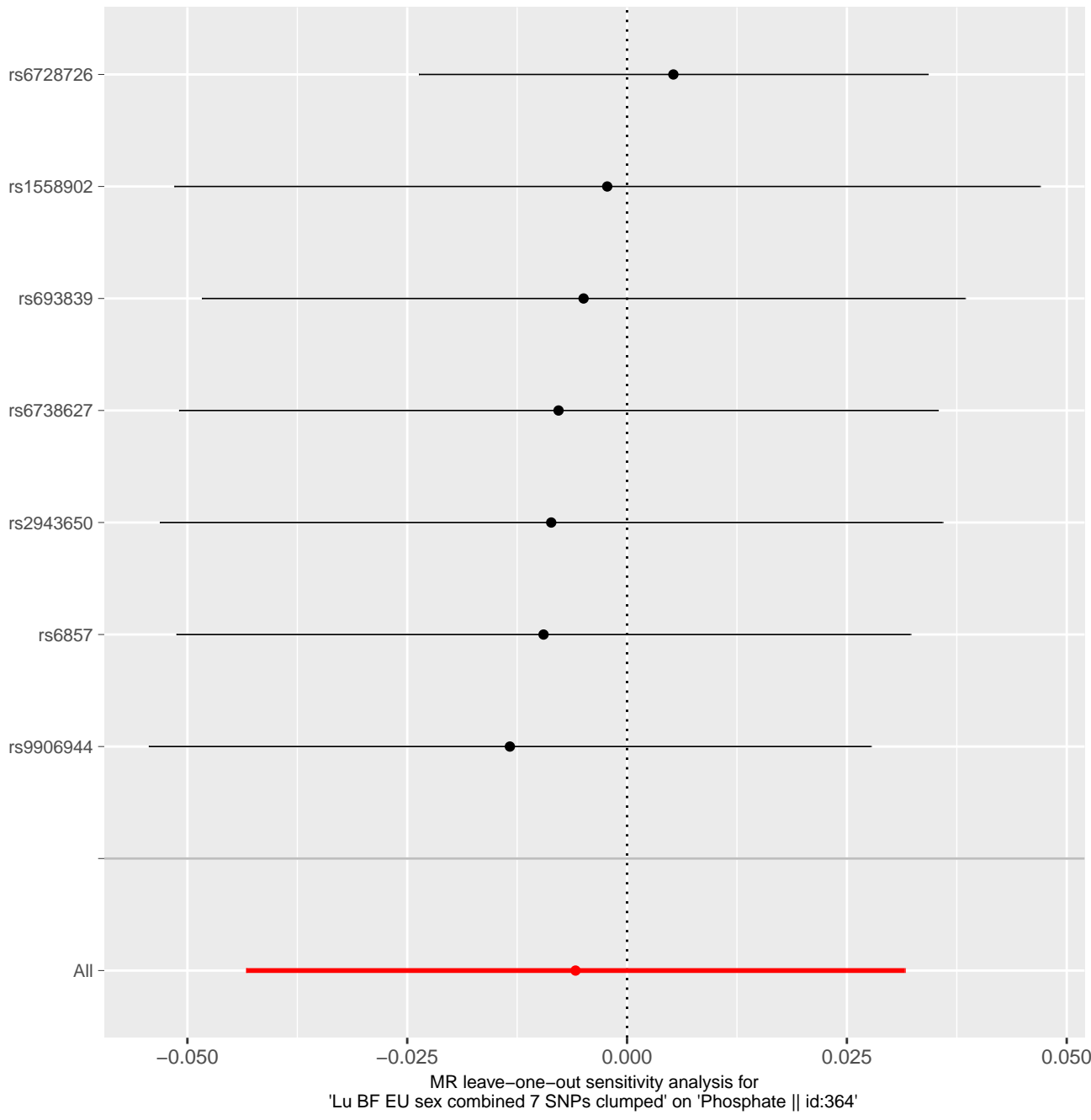
rs6857

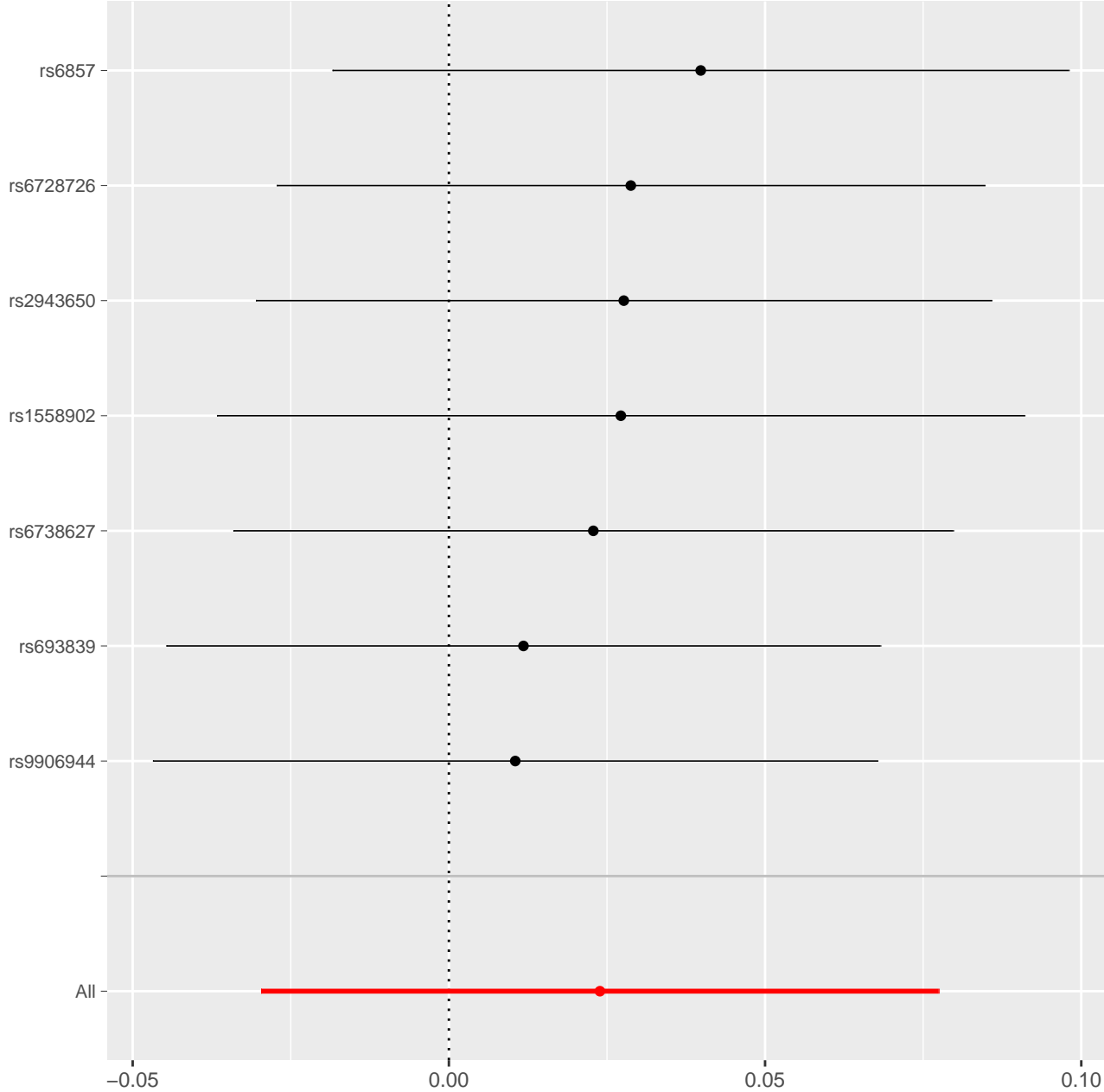
All



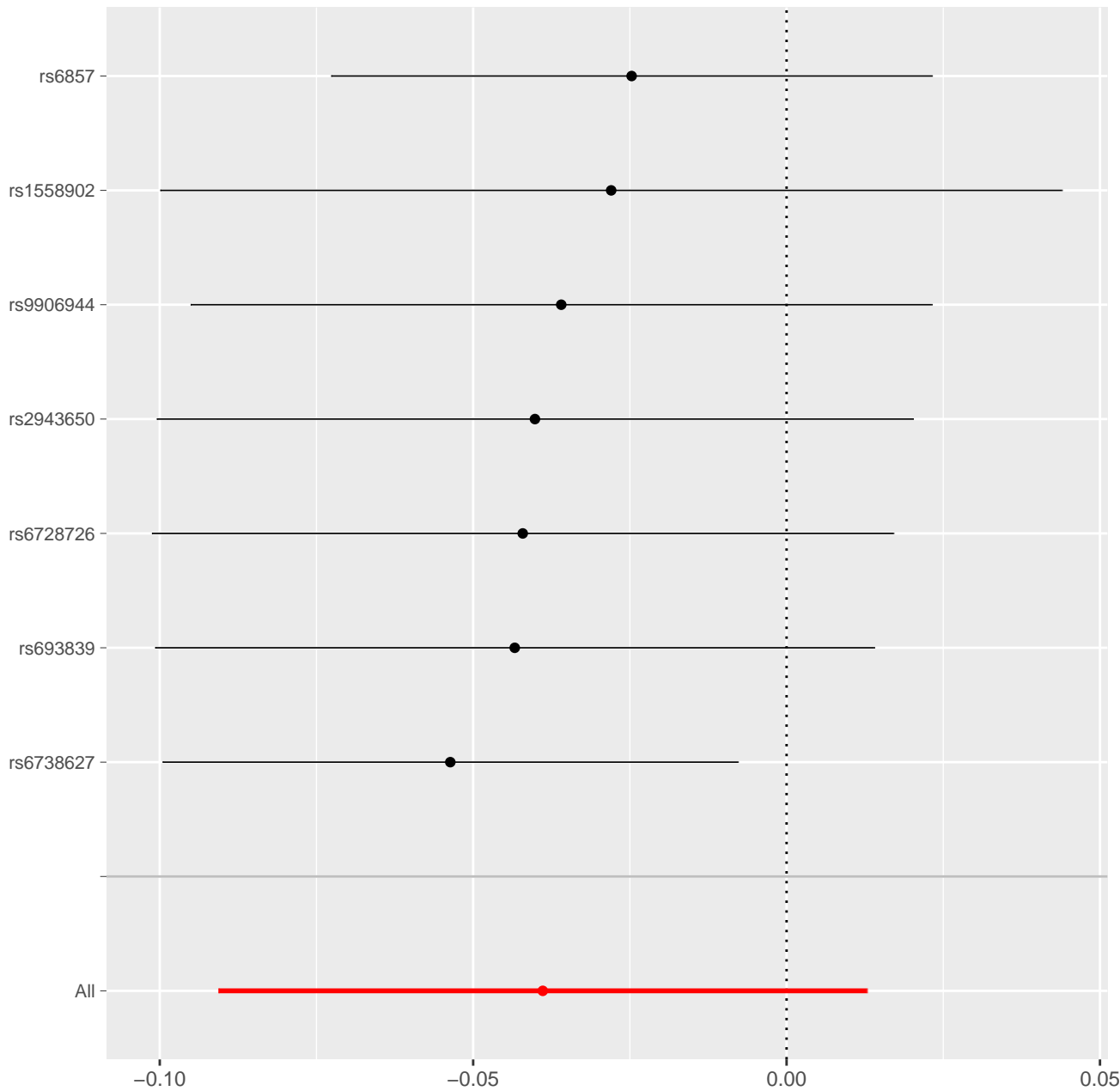


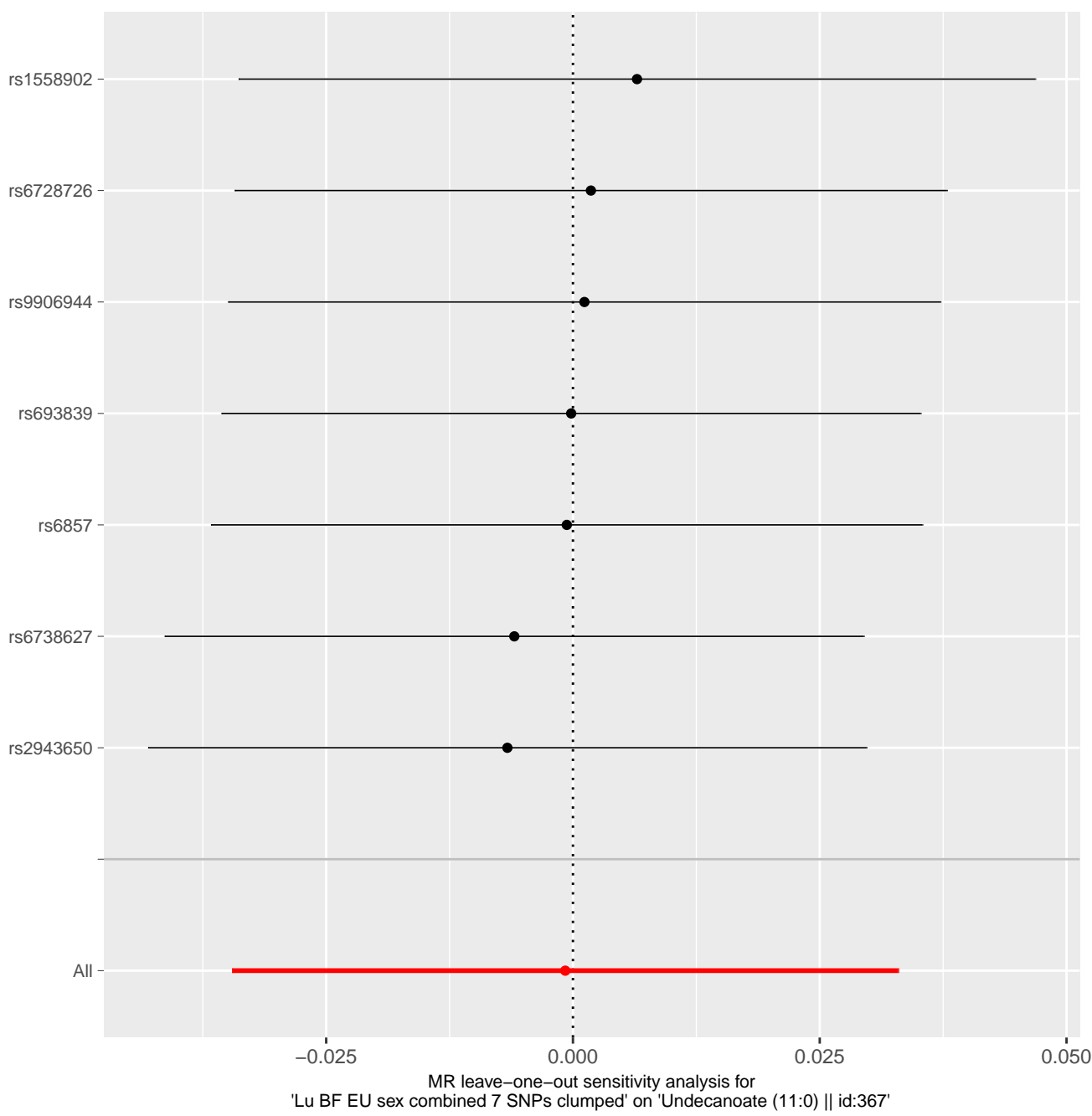


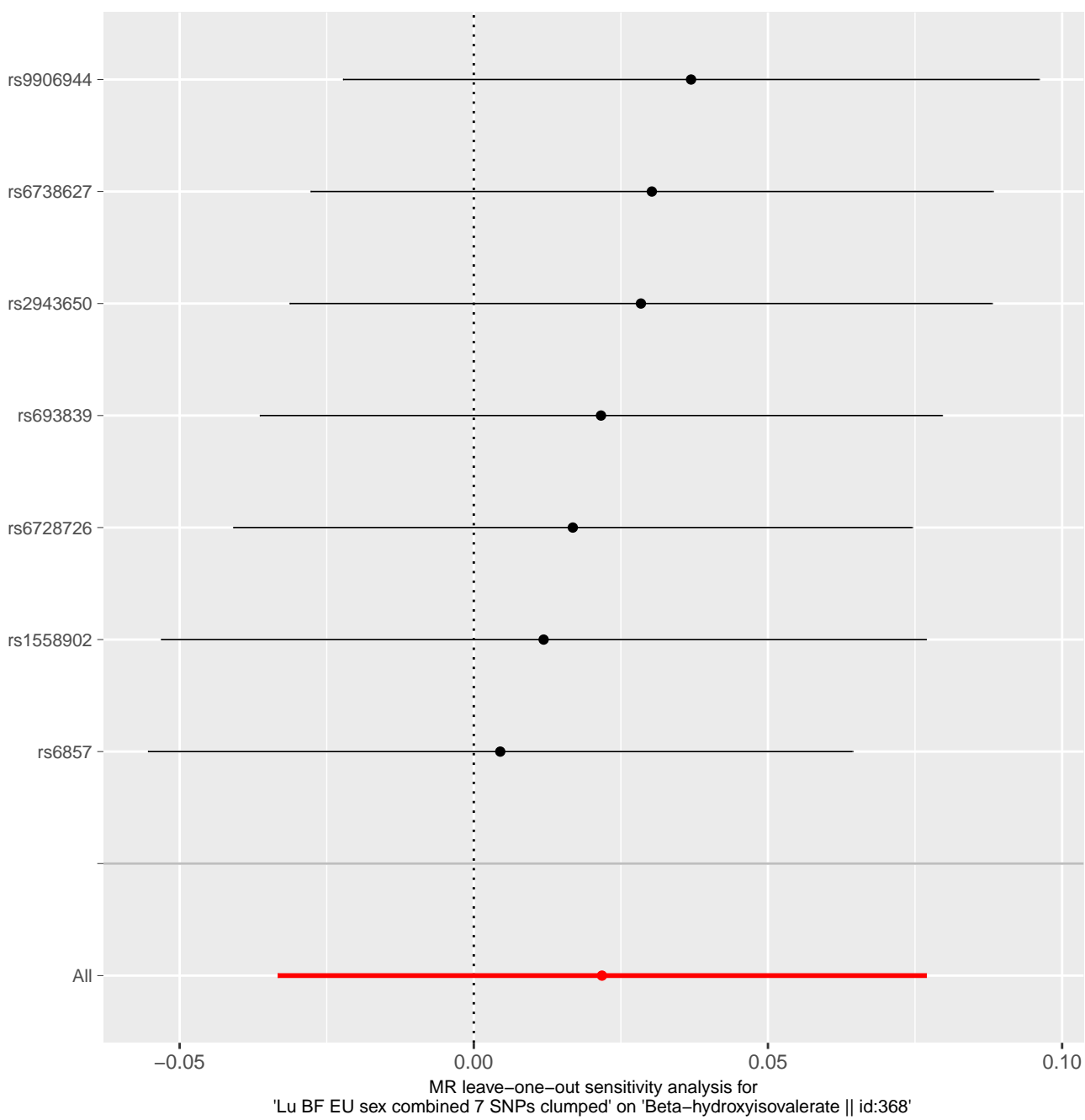




MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '3-methoxytyrosine || id:365'







rs2943650

rs693839

rs6728726

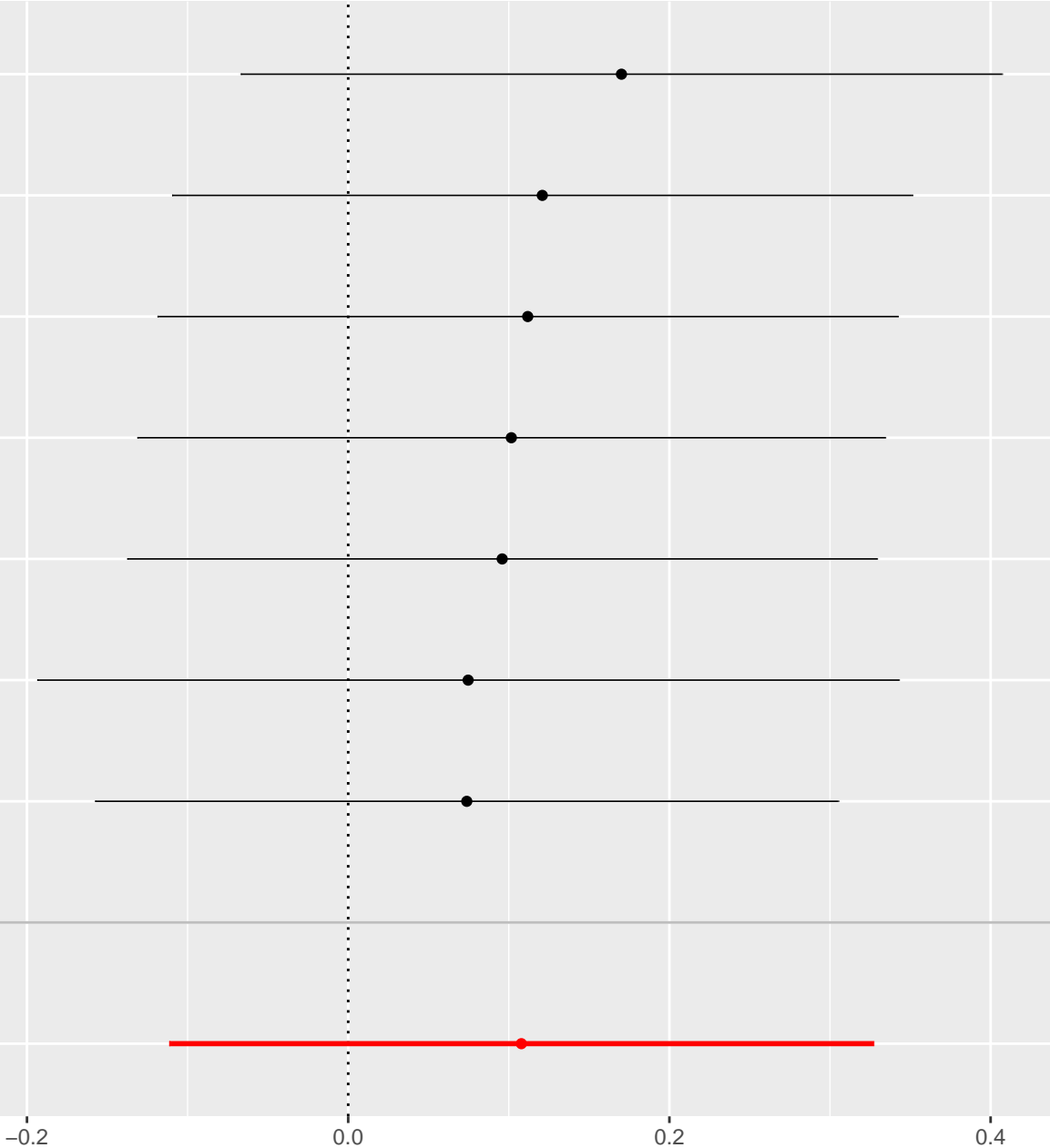
rs6857

rs9906944

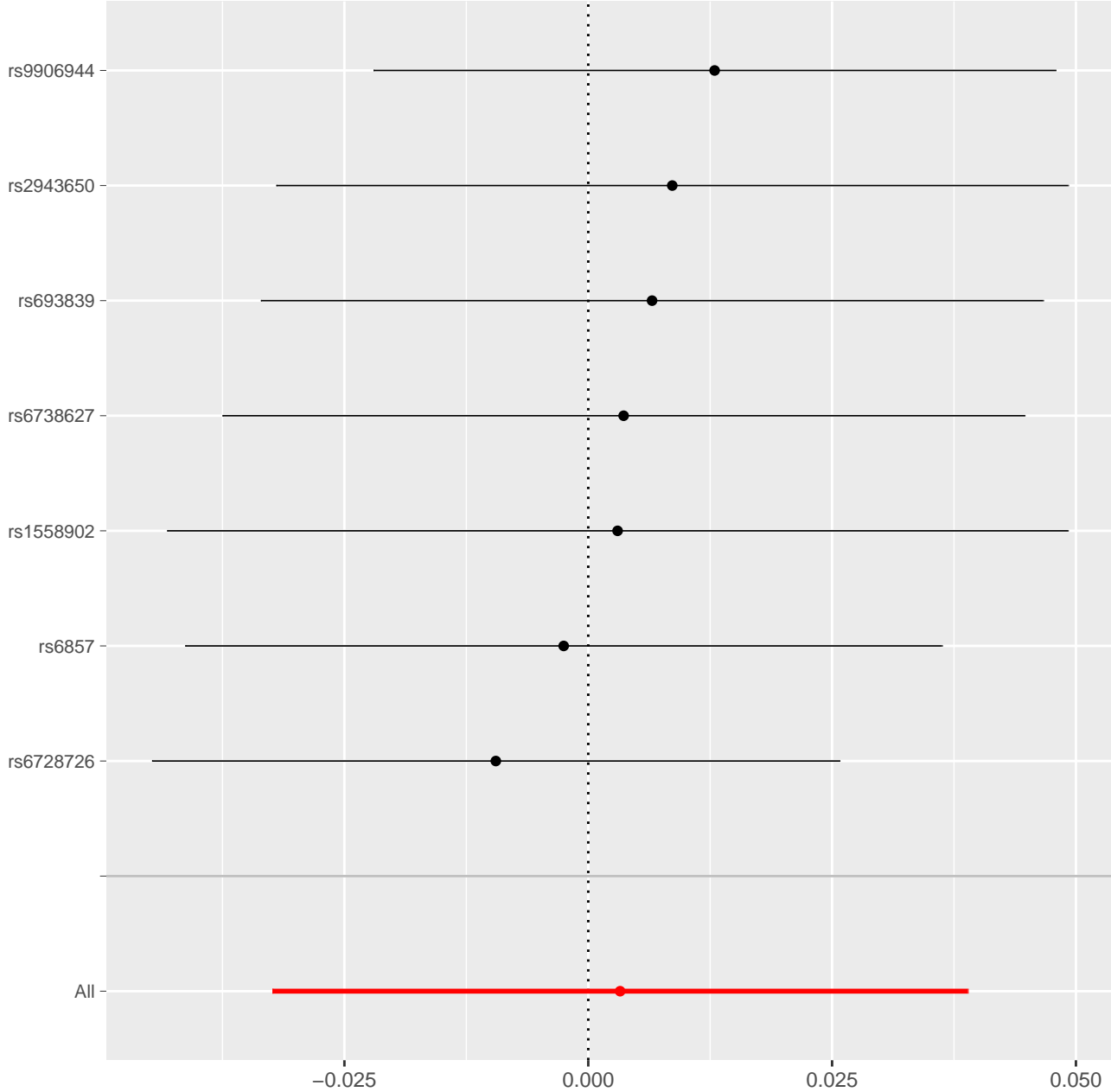
rs1558902

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Taurodeoxycholate || id:369'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-02973 || id:370'

rs6728726

rs693839

rs9906944

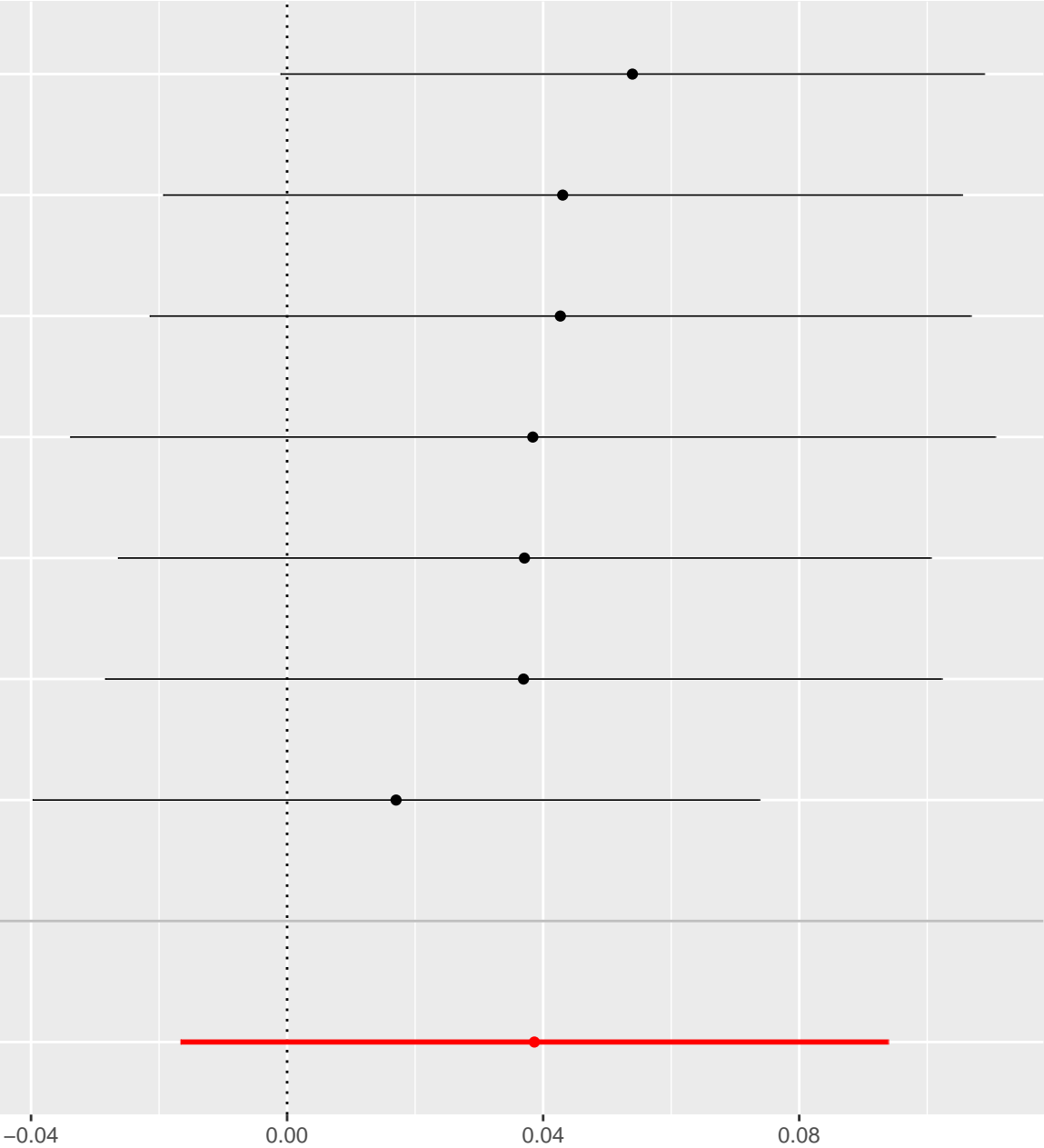
rs1558902

rs6738627

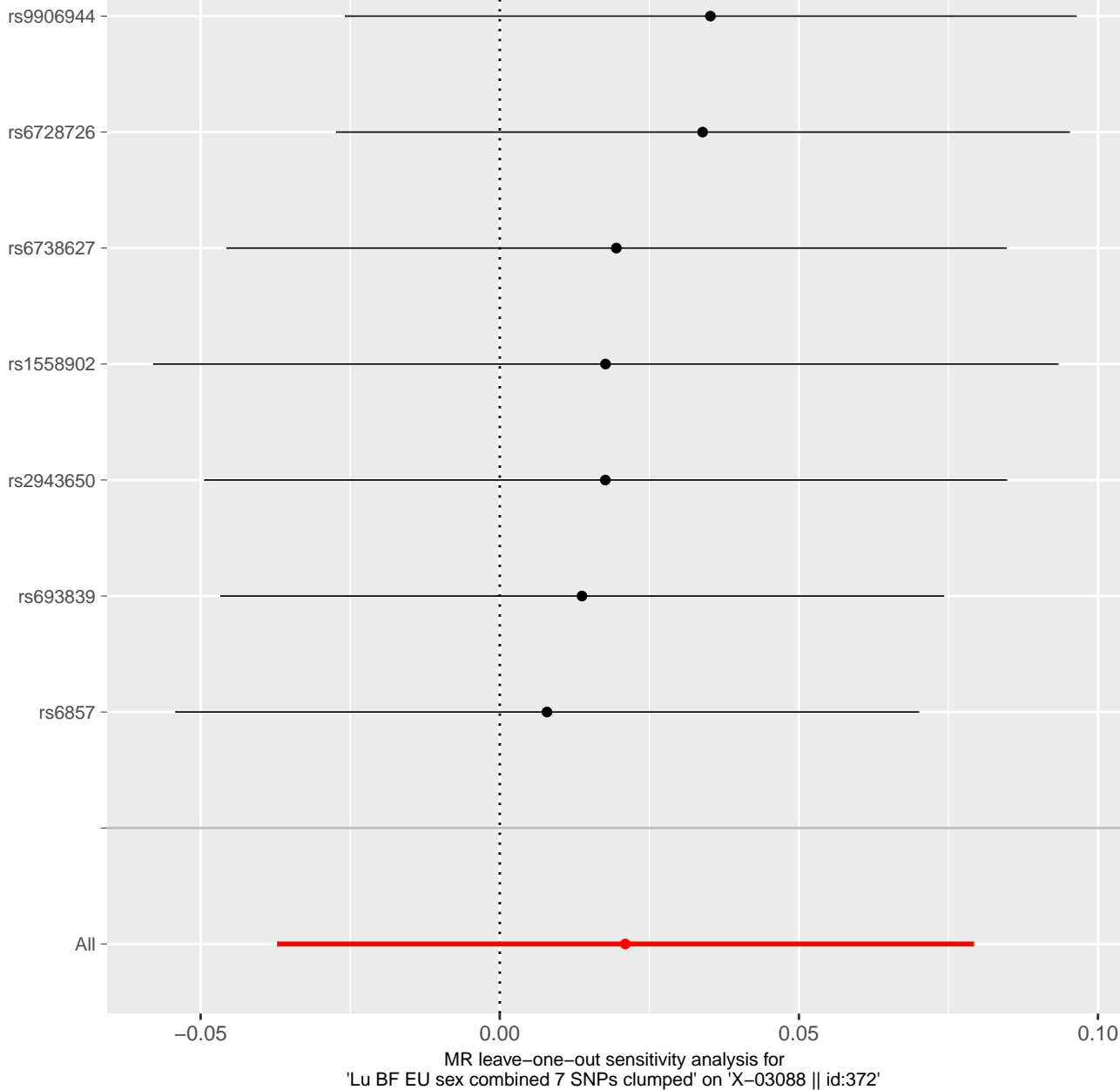
rs2943650

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-03003 || id:371'



rs6728726

rs6857

rs6738627

rs693839

rs2943650

rs9906944

rs1558902

All

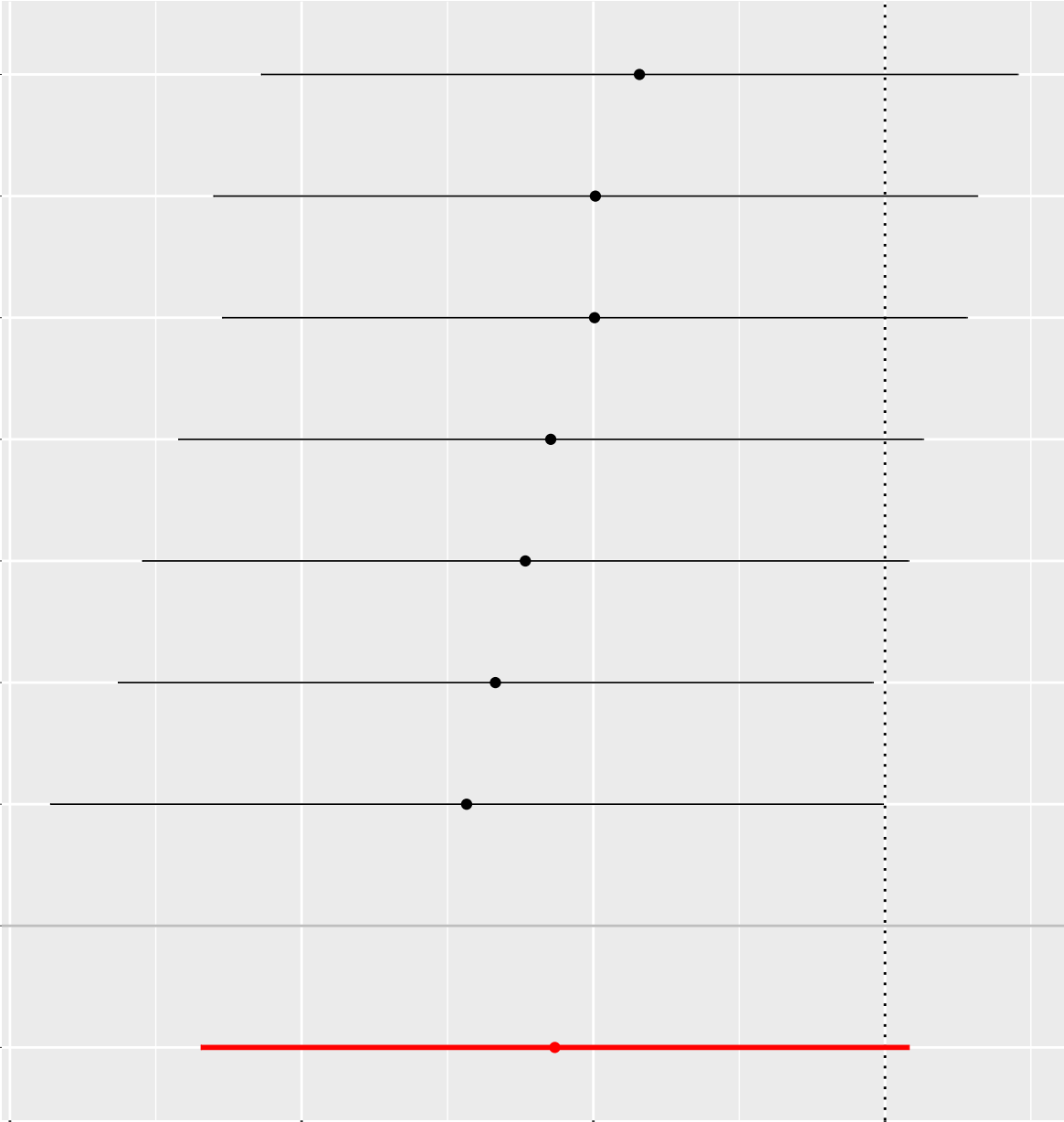
-0.12

-0.08

-0.04

0.00

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-03094 || id:373'



rs6738627

rs1558902

rs6728726

rs6857

rs693839

rs9906944

rs2943650

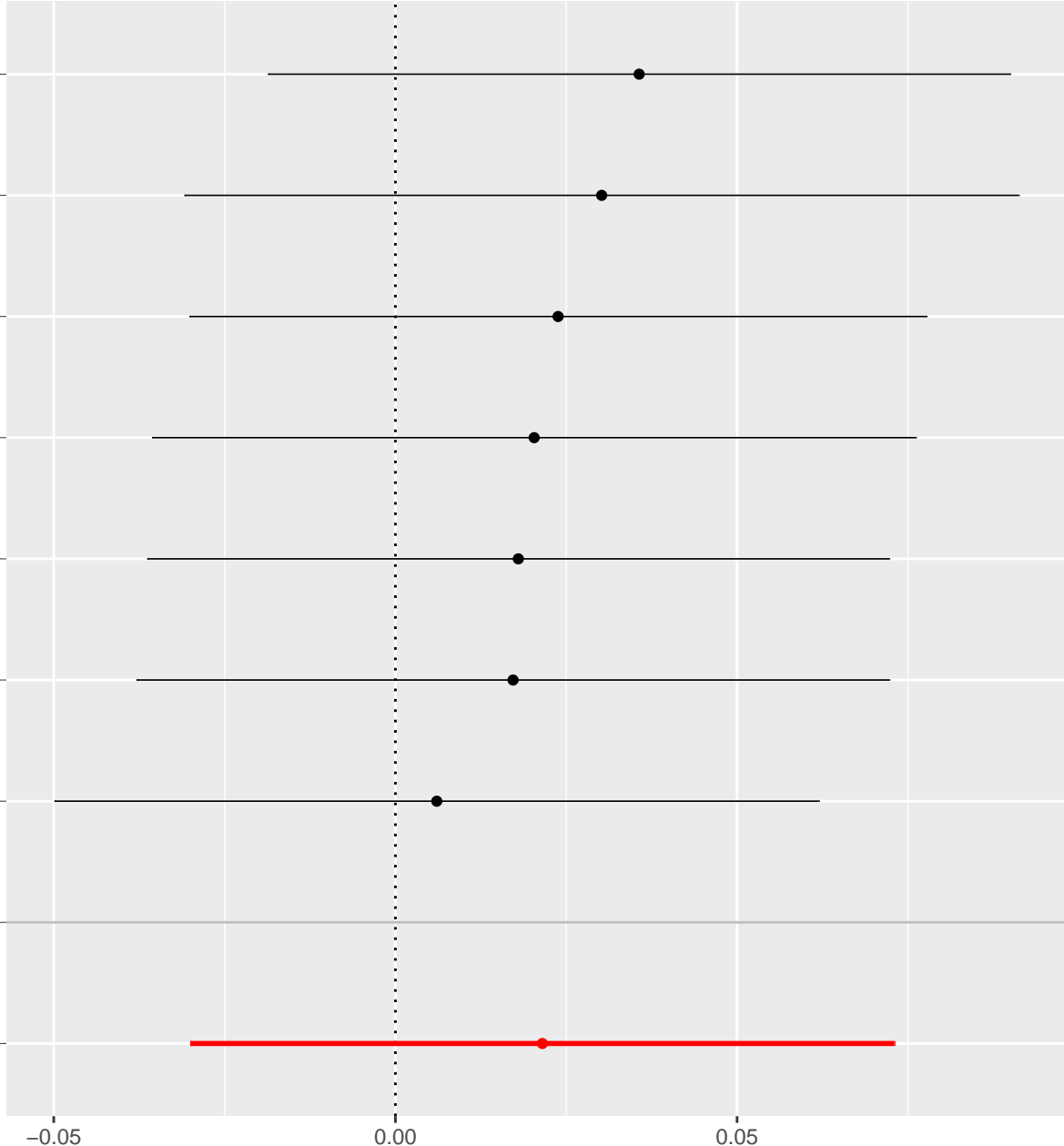
All

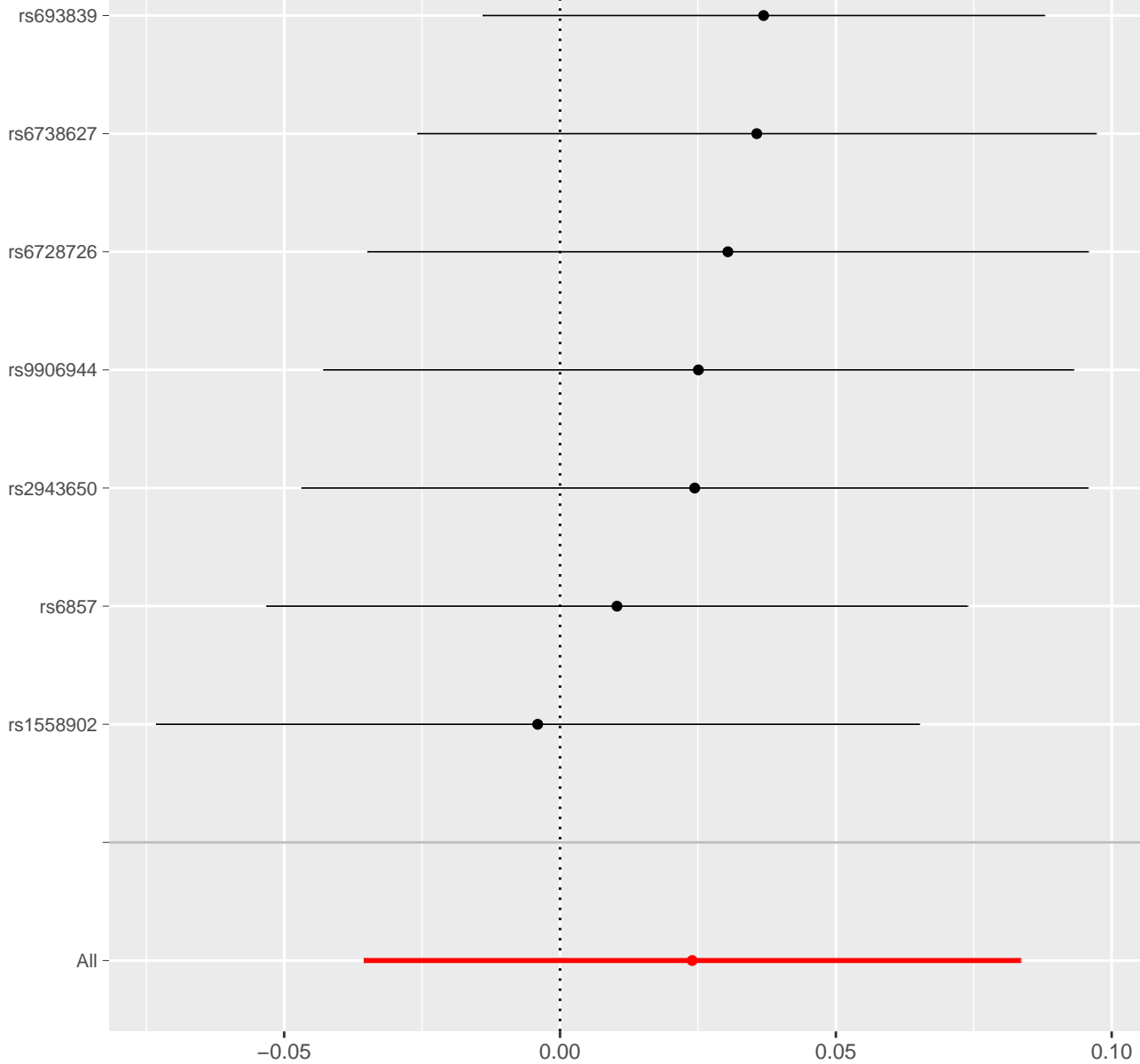
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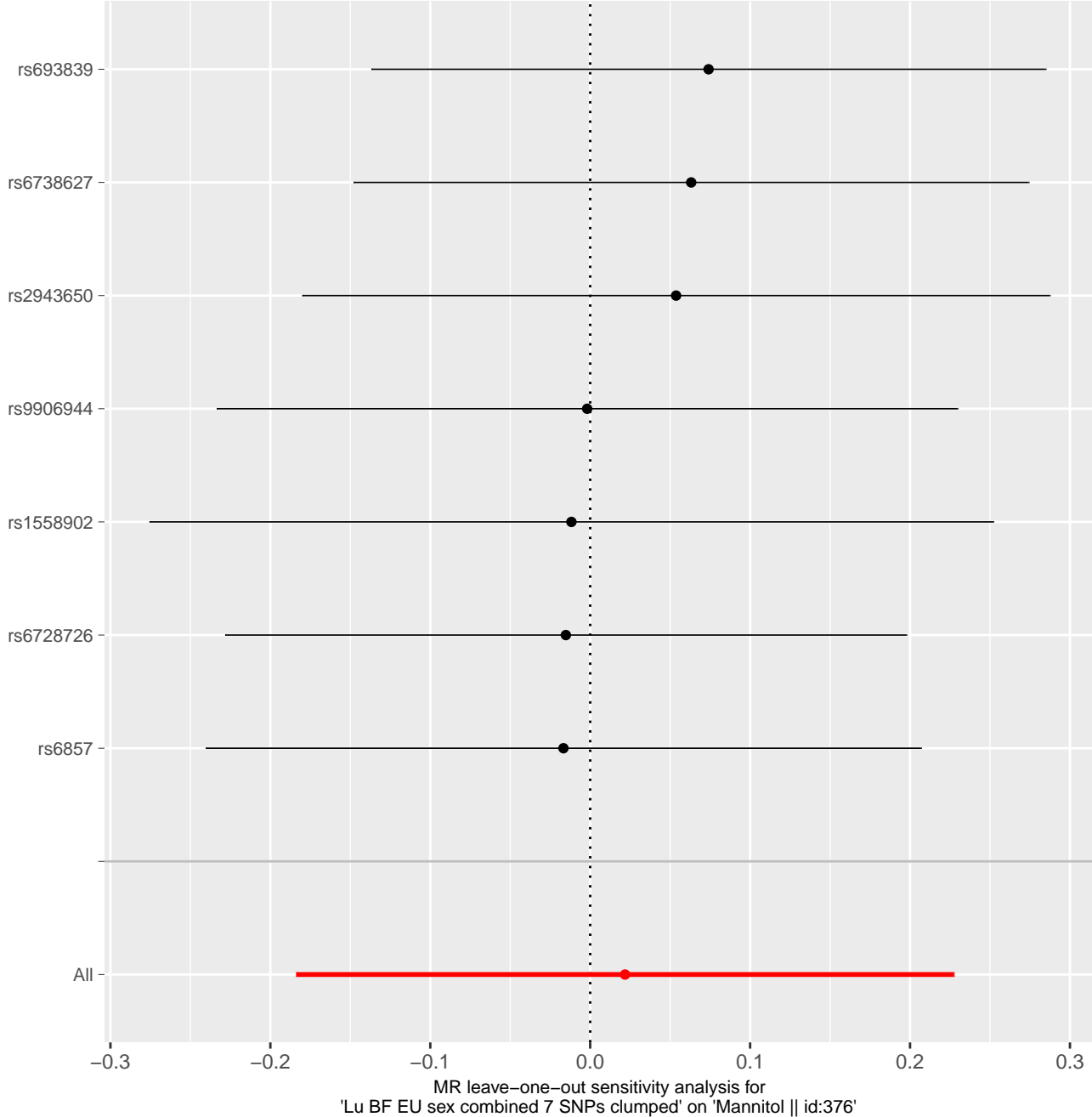
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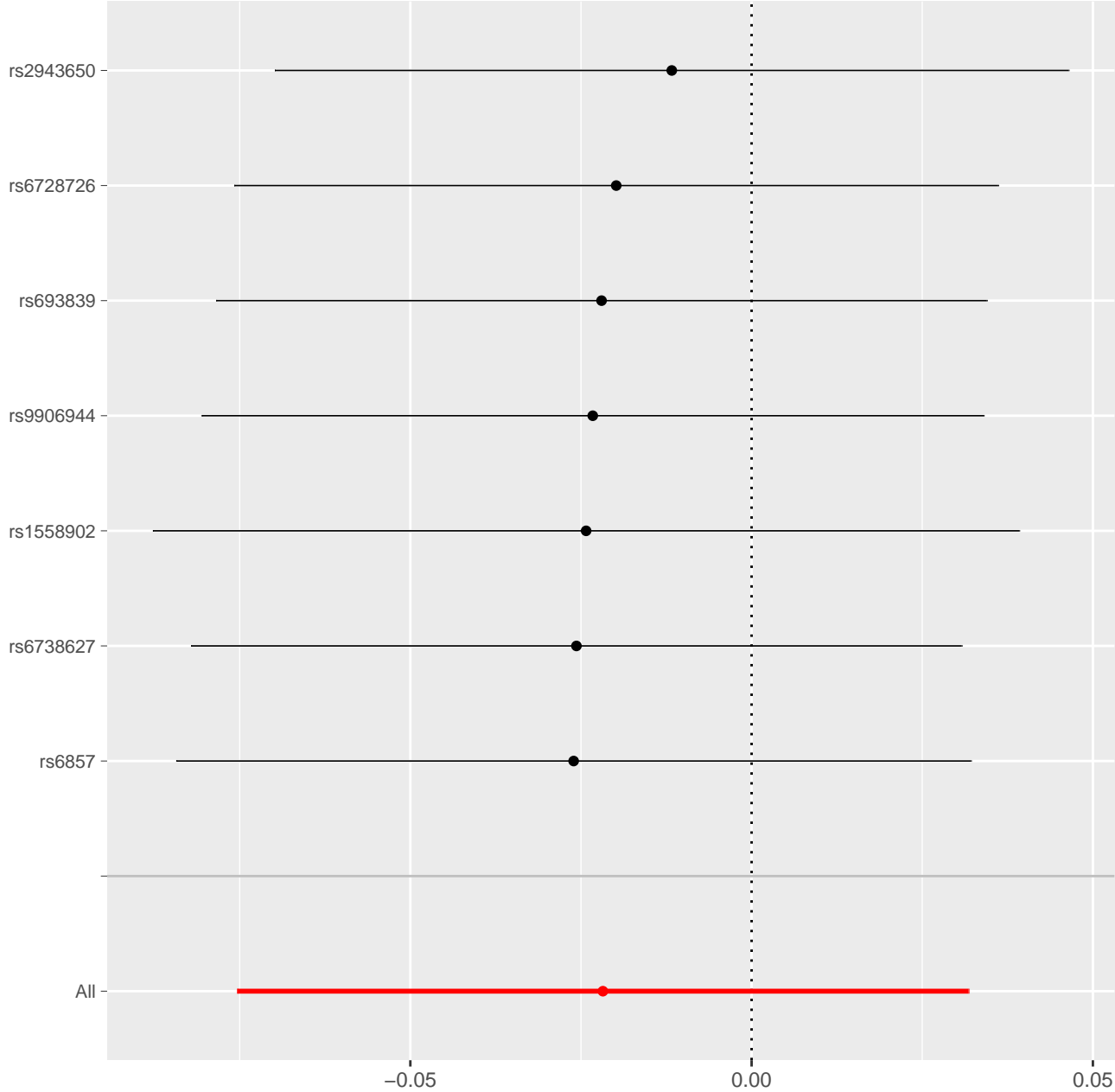
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Glycerol || id:374'

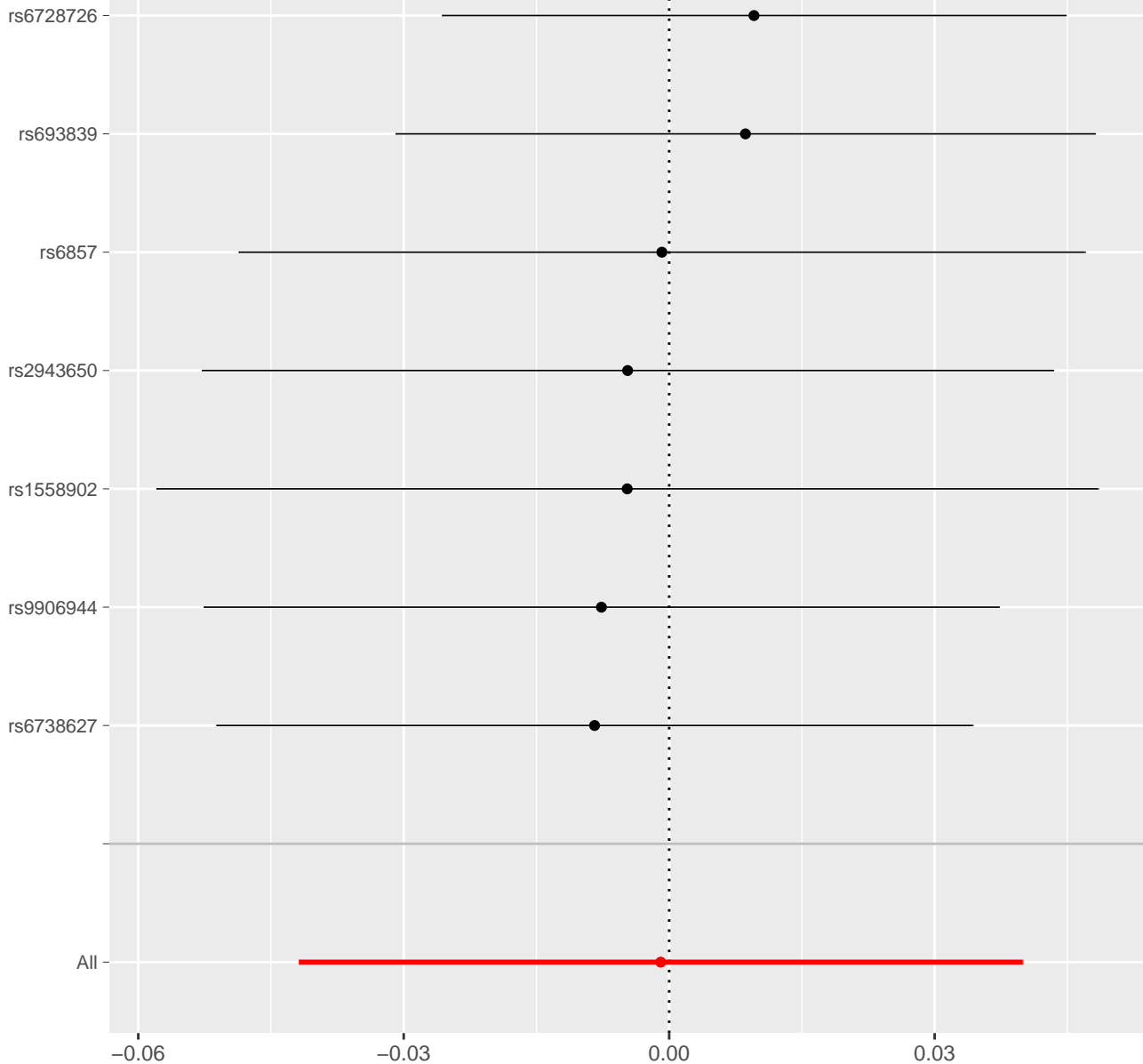








MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Glycerol 3-phosphate (G3P) || id:377'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Acetylphosphate || id:378'

rs6728726

rs693839

rs2943650

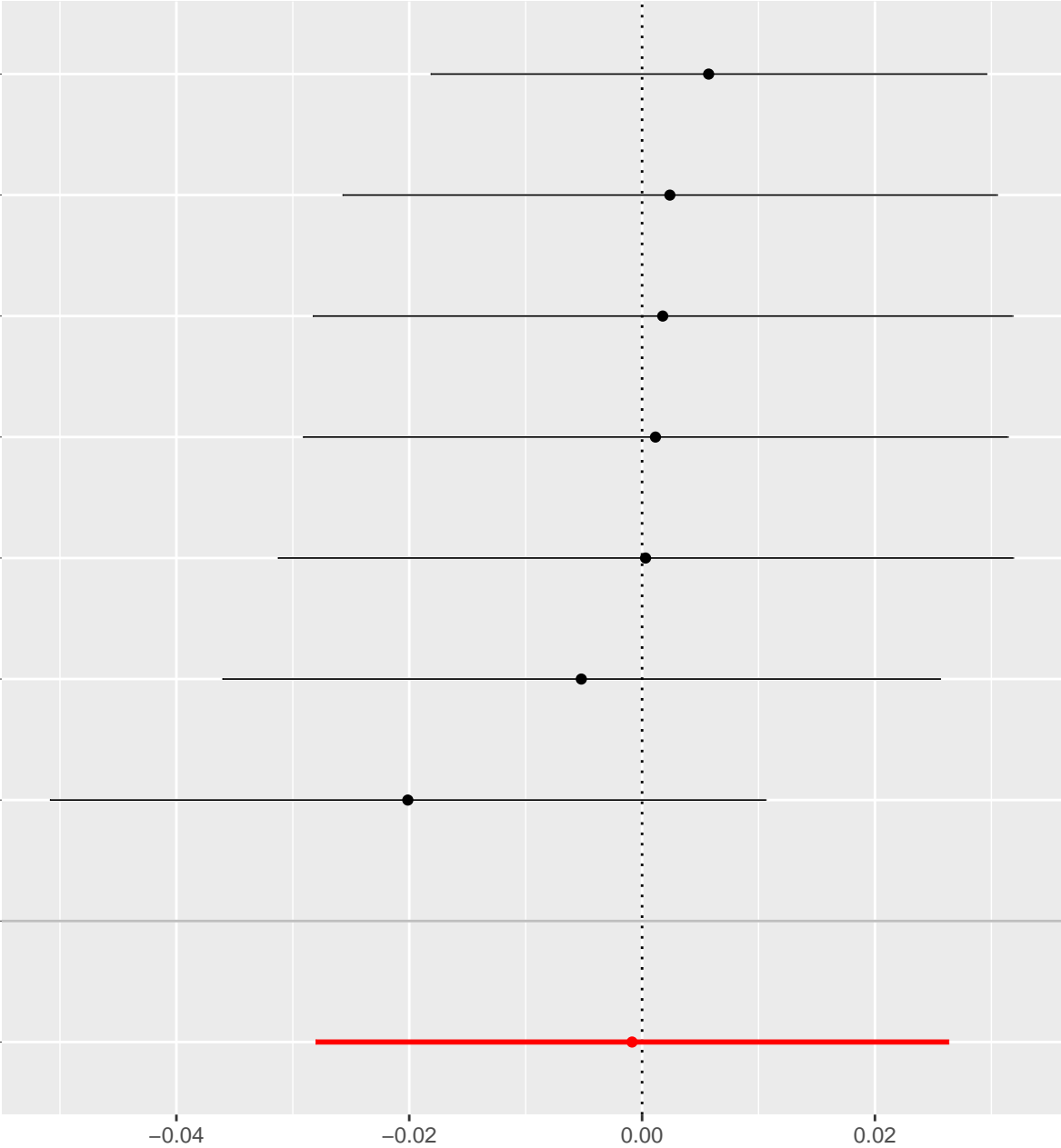
rs9906944

rs6857

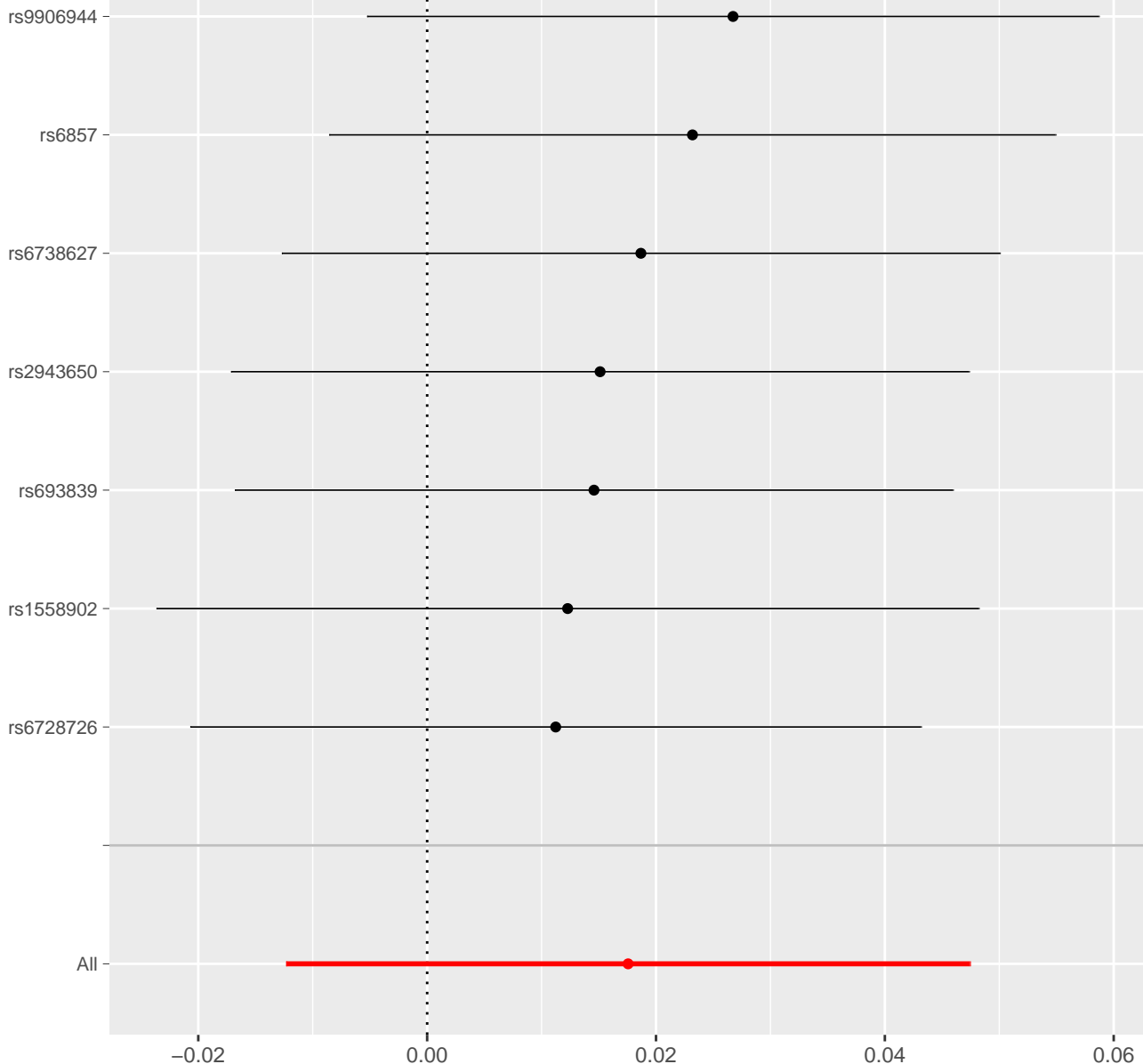
rs6738627

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Carnitine || id:379'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Choline || id:380'

rs9906944

rs1558902

rs6728726

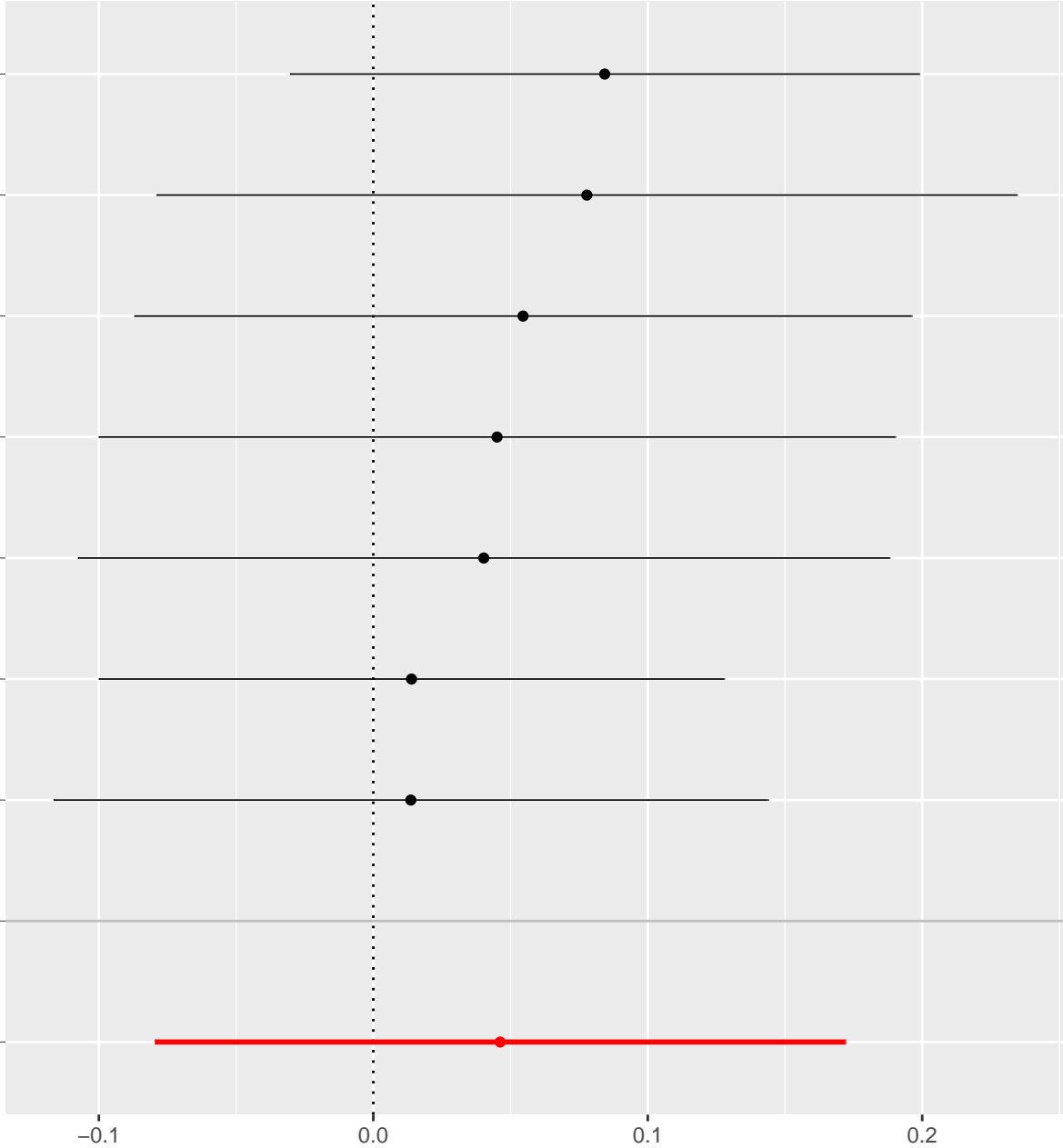
rs693839

rs6857

rs6738627

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'N-acetylmethionine || id:381'

rs6728726

rs9906944

rs6738627

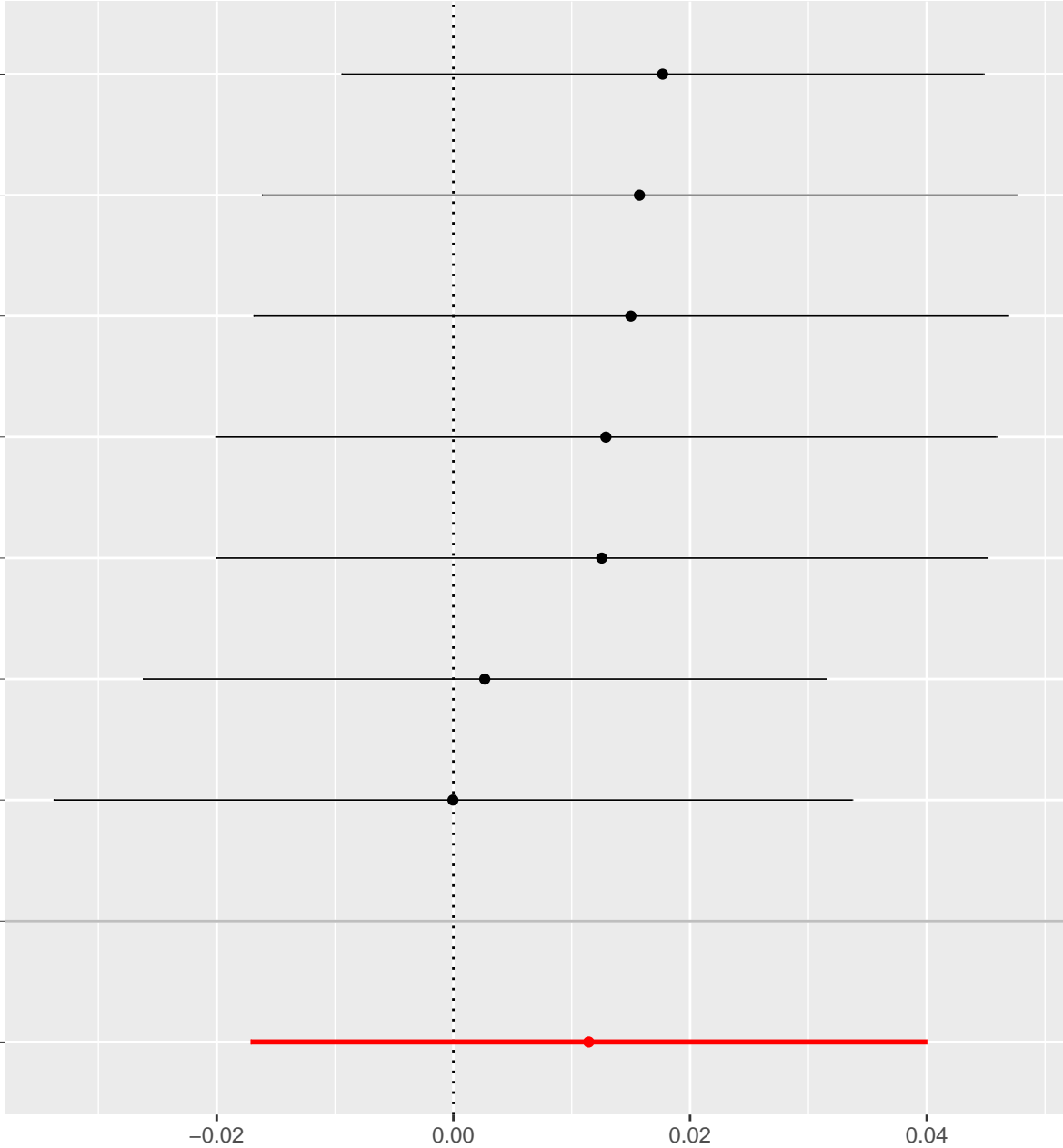
rs693839

rs6857

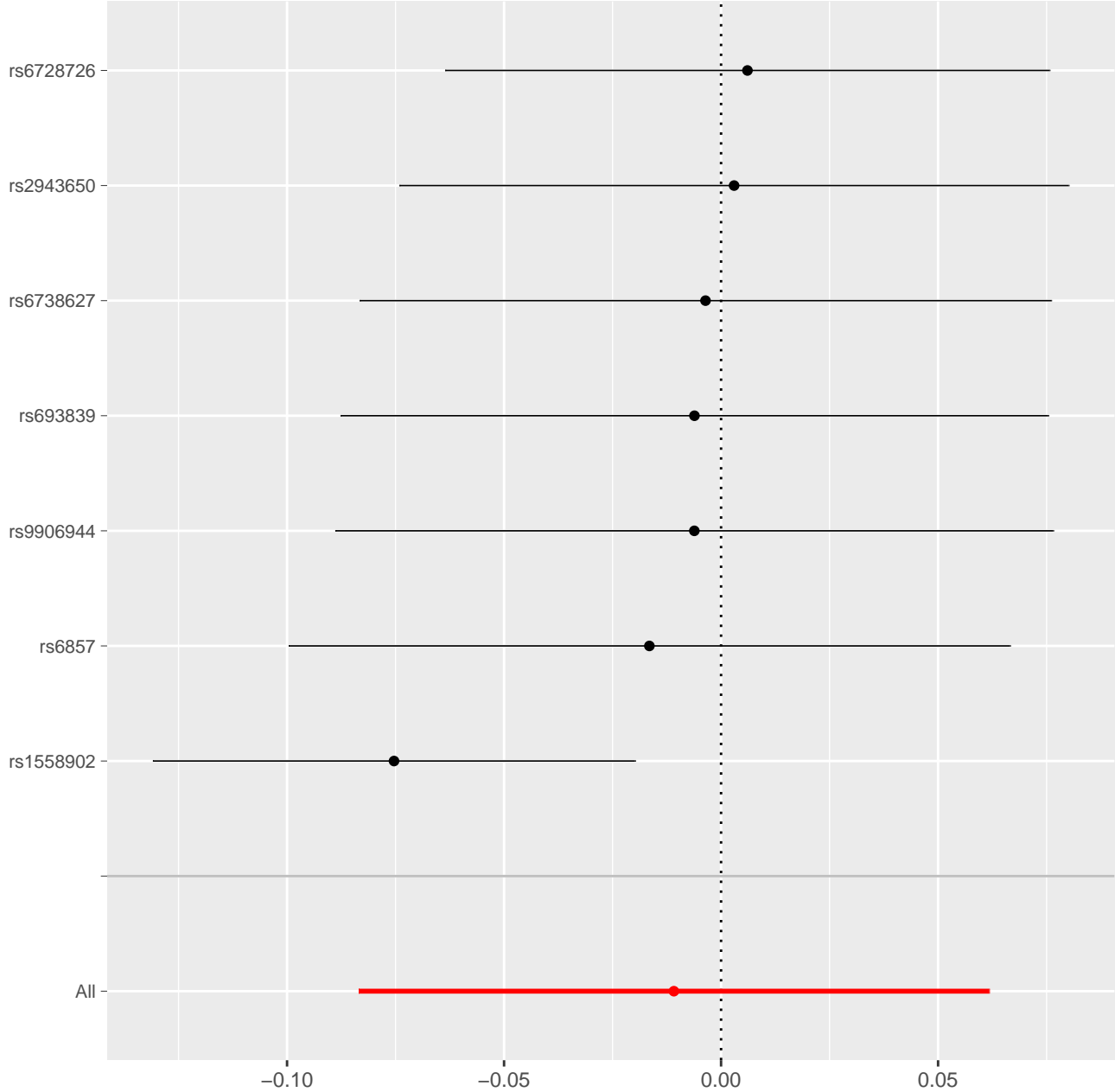
rs2943650

rs1558902

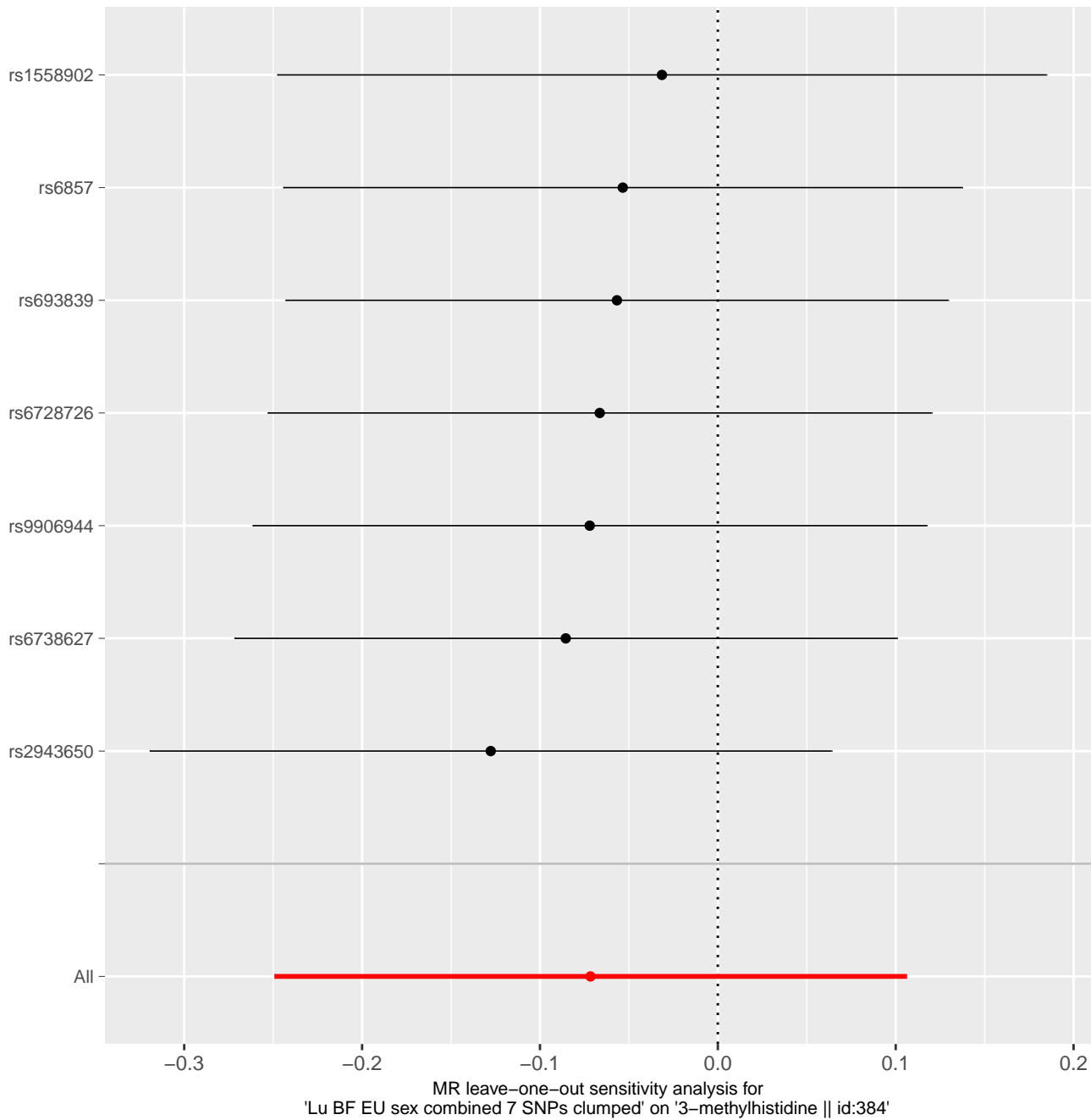
All

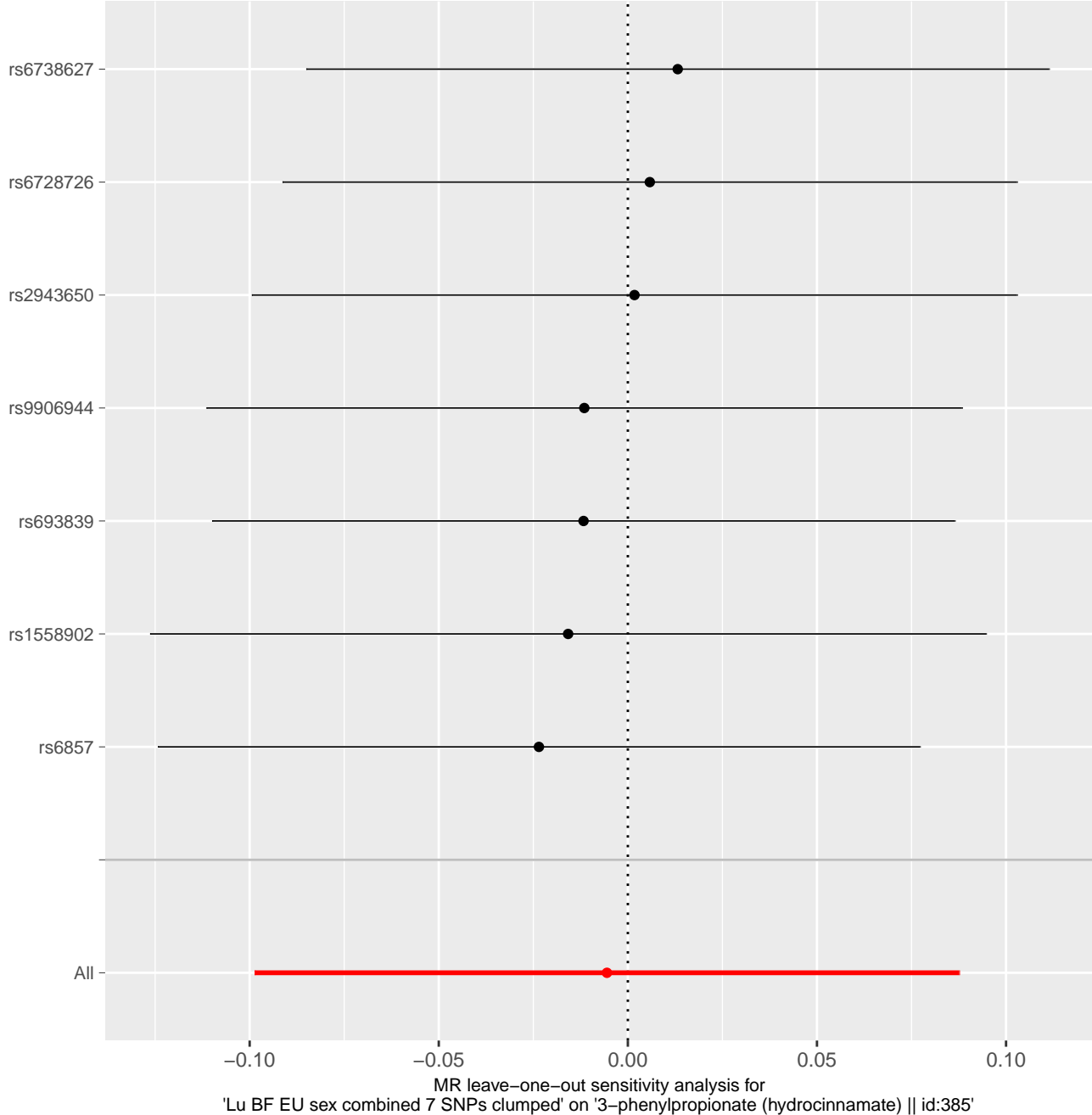


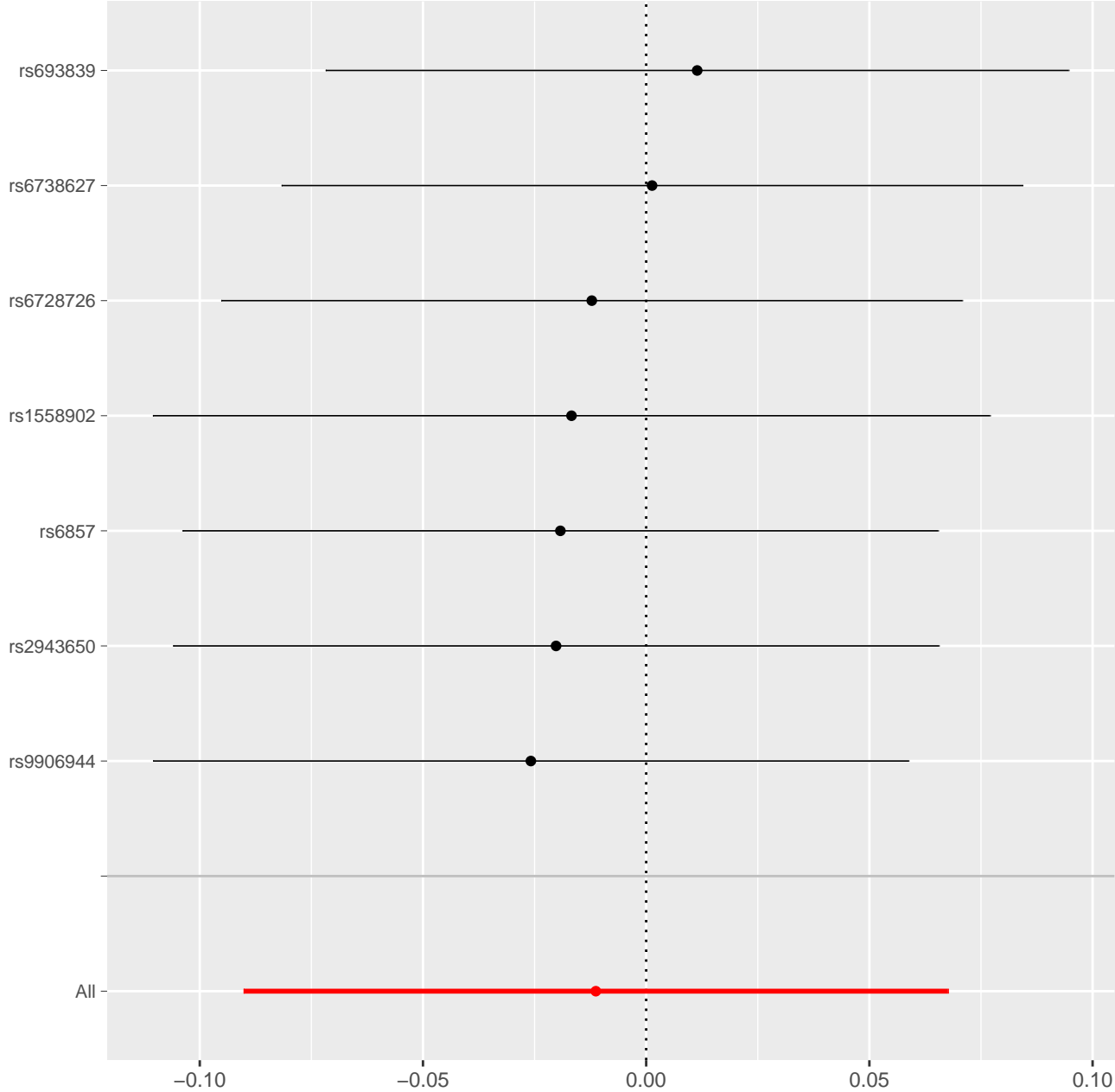
MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'N1-methyladenosine || id:382'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '3-methyl-2-oxovalerate || id:383'







MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Phenylacetate || id:386'

rs9906944

rs2943650

rs693839

rs6857

rs6728726

rs6738627

rs1558902

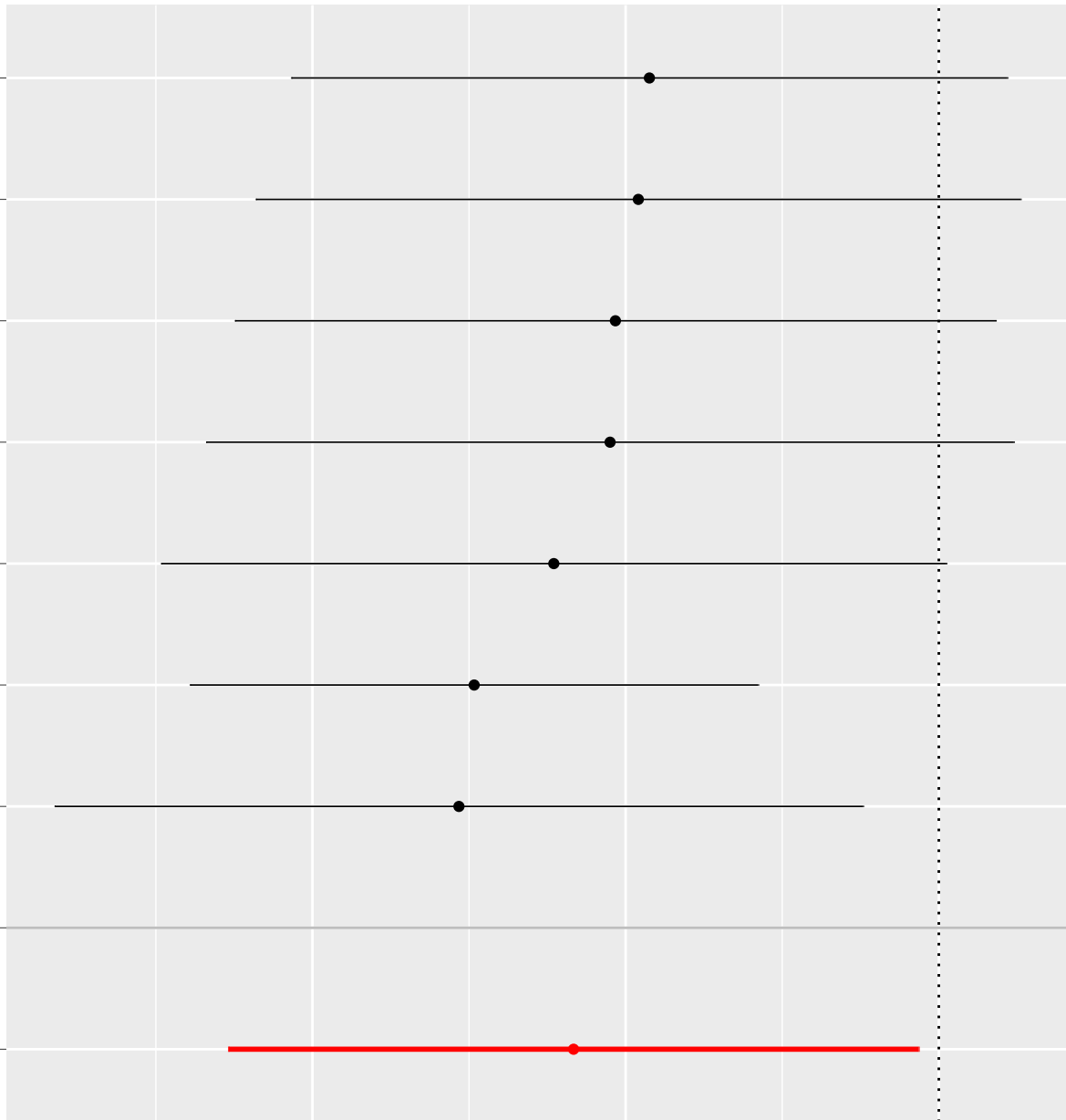
All

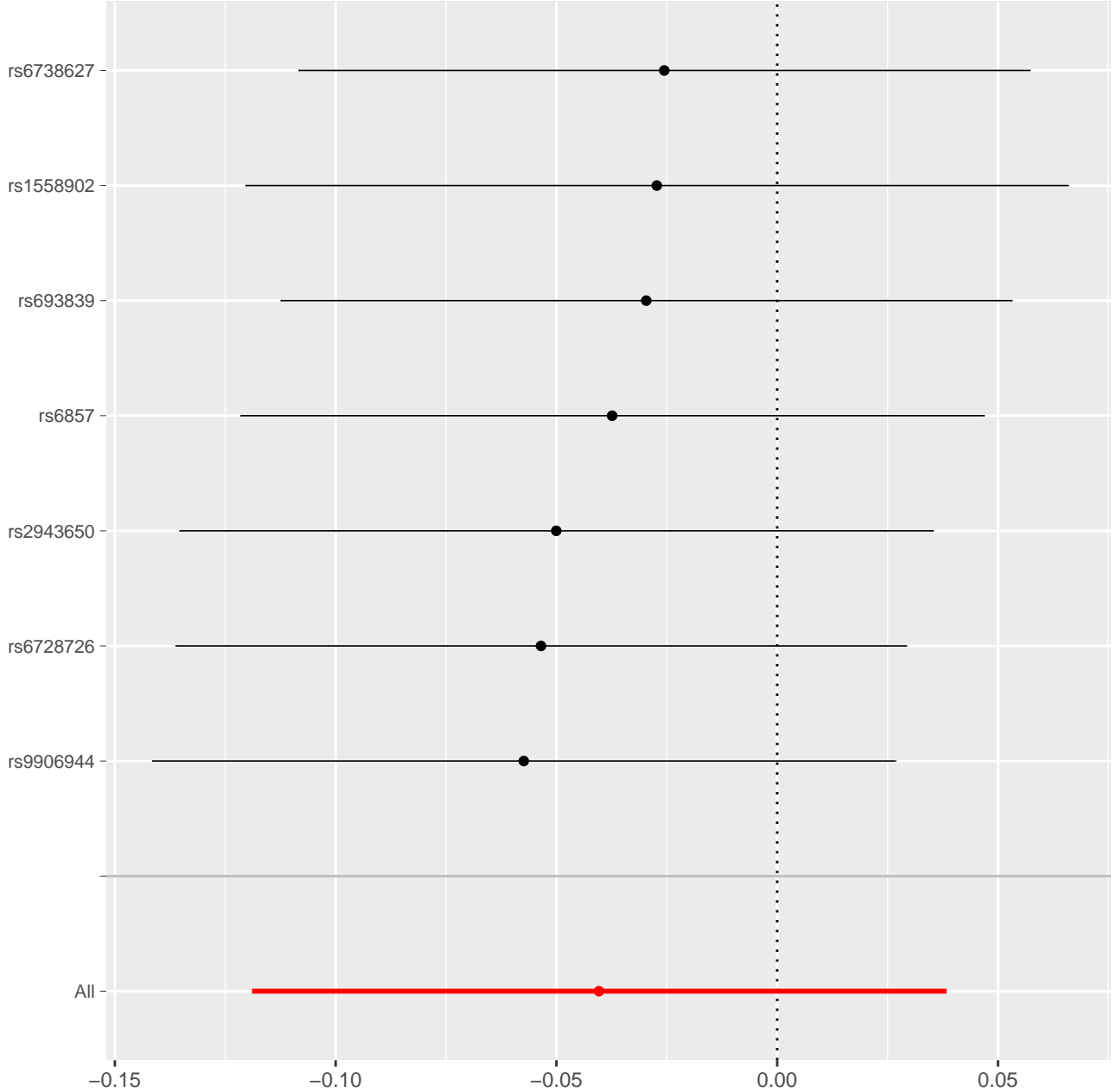
-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Glycerophosphorylcholine (GPC) || id:387'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Aspartate || id:388'

rs1558902

rs6738627

rs6728726

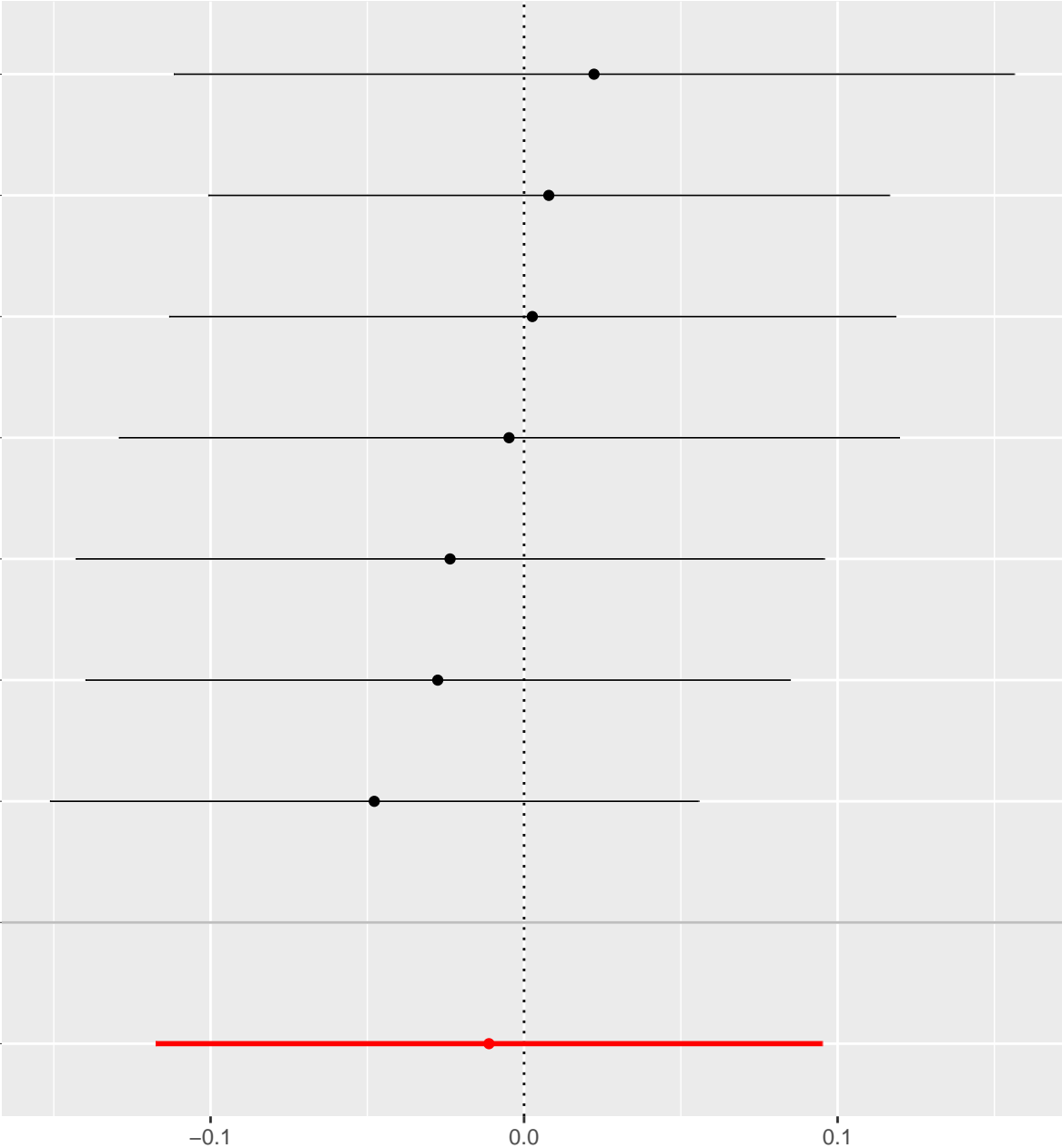
rs2943650

rs9906944

rs693839

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-04357 || id:389'

rs2943650

rs6738627

rs1558902

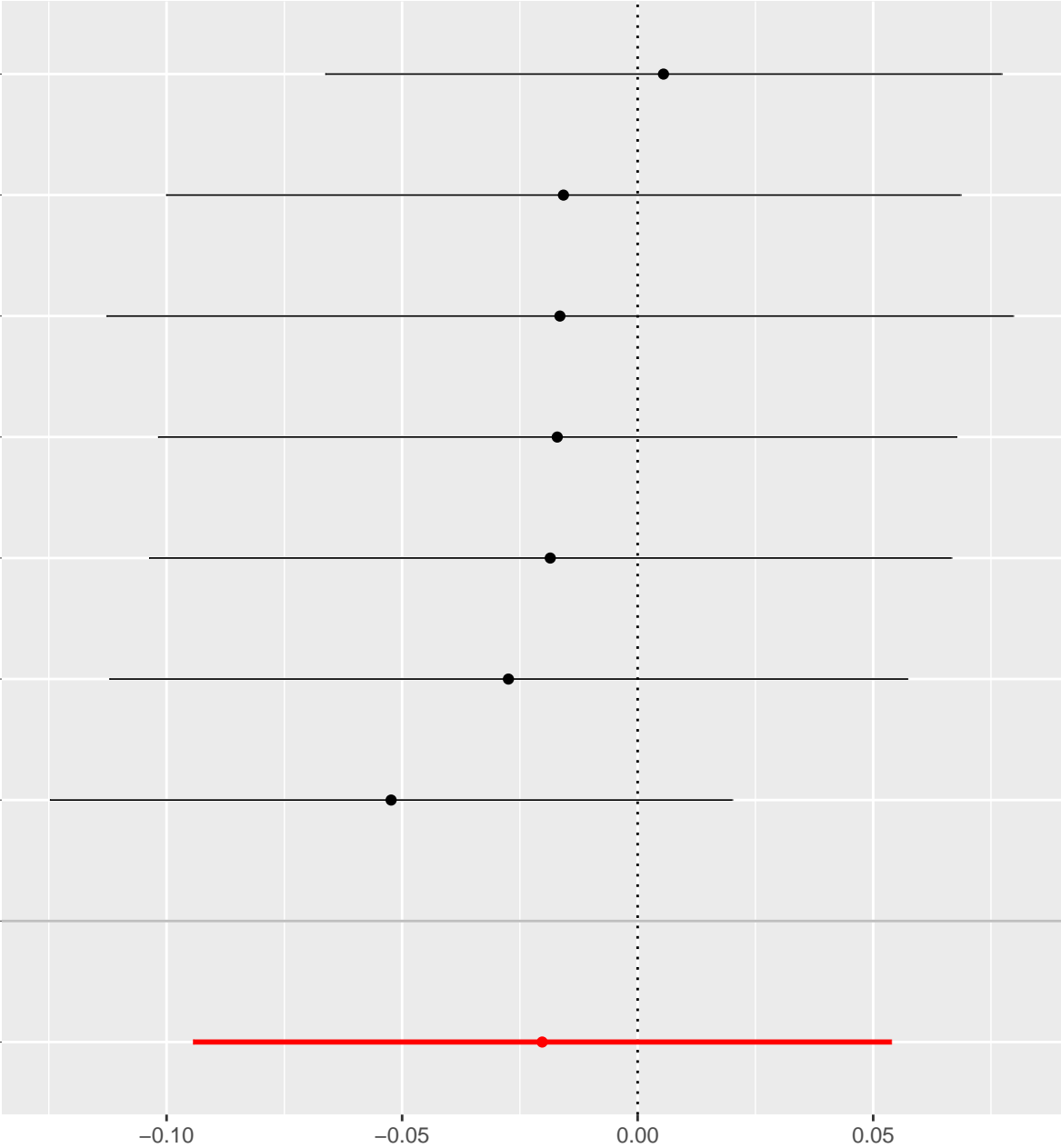
rs6728726

rs693839

rs9906944

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-04494 || id:390'

rs1558902

rs693839

rs6728726

rs6738627

rs2943650

rs9906944

rs6857

All

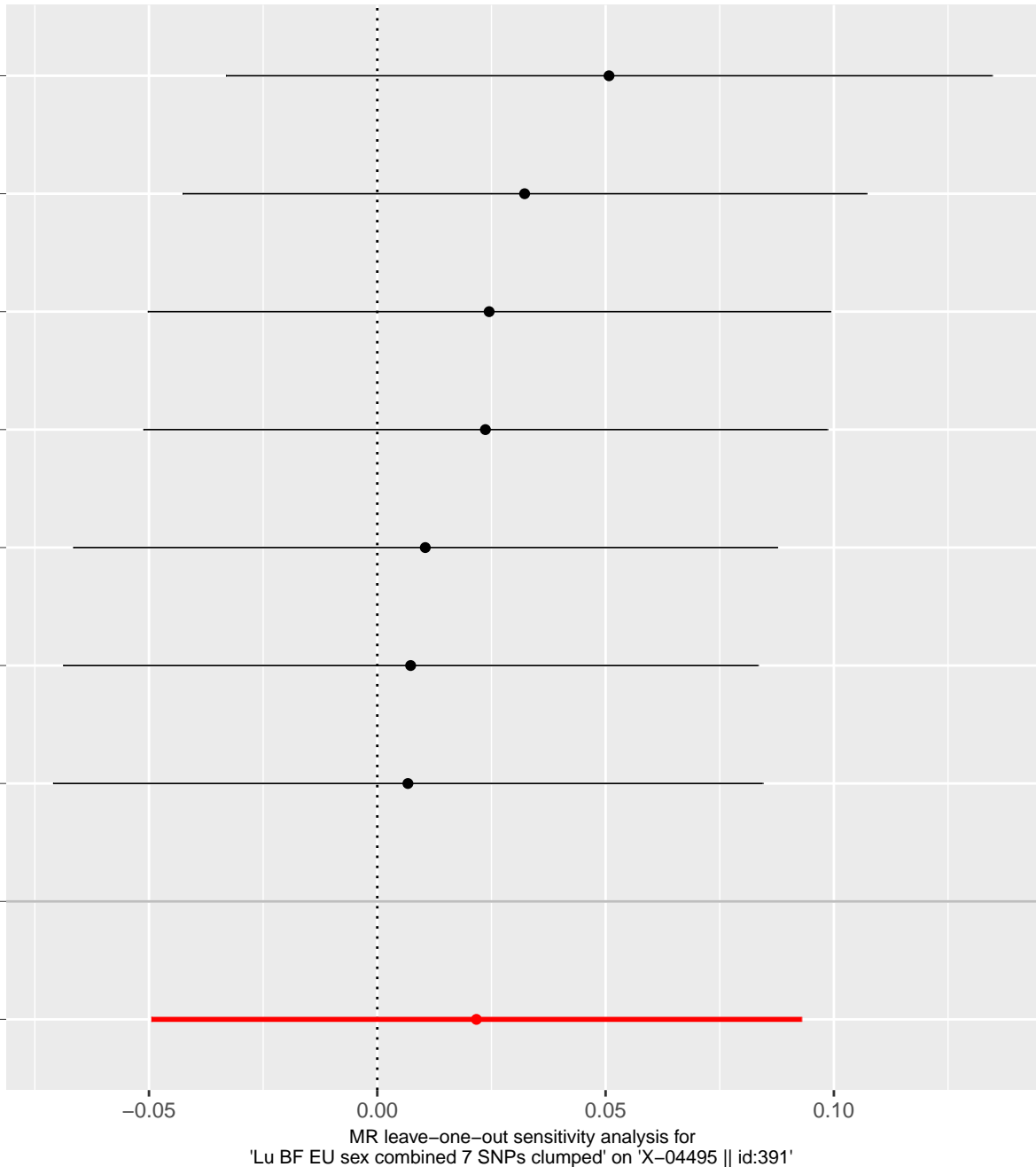
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-04495 || id:391'



rs1558902

rs2943650

rs6857

rs693839

rs6738627

rs6728726

rs9906944

All

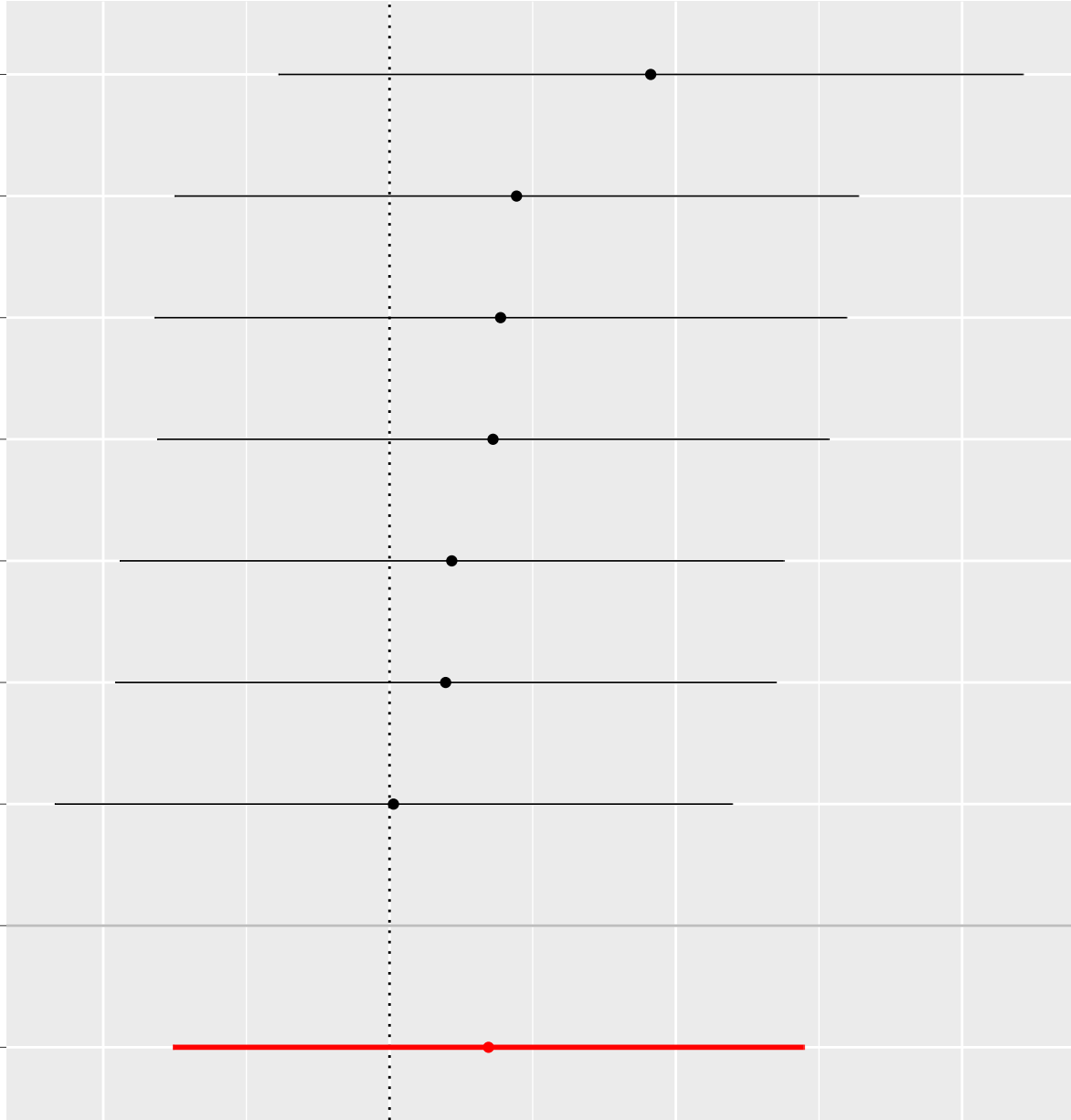
-0.05

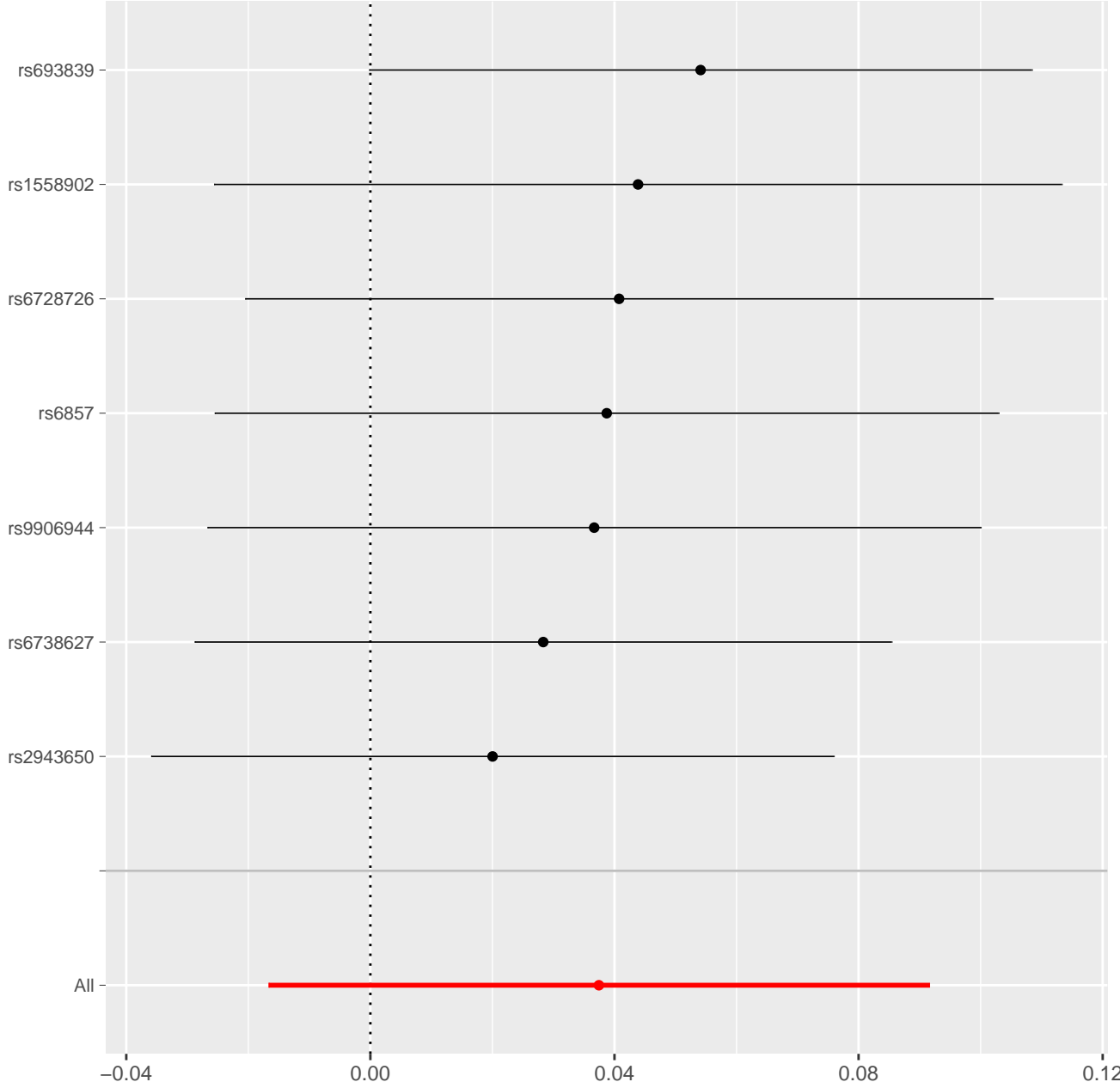
0.00

0.05

0.10

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-04498 || id:392'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-04499—3,4-dihydroxybutyrate || id:393'

rs693839

rs6728726

rs6738627

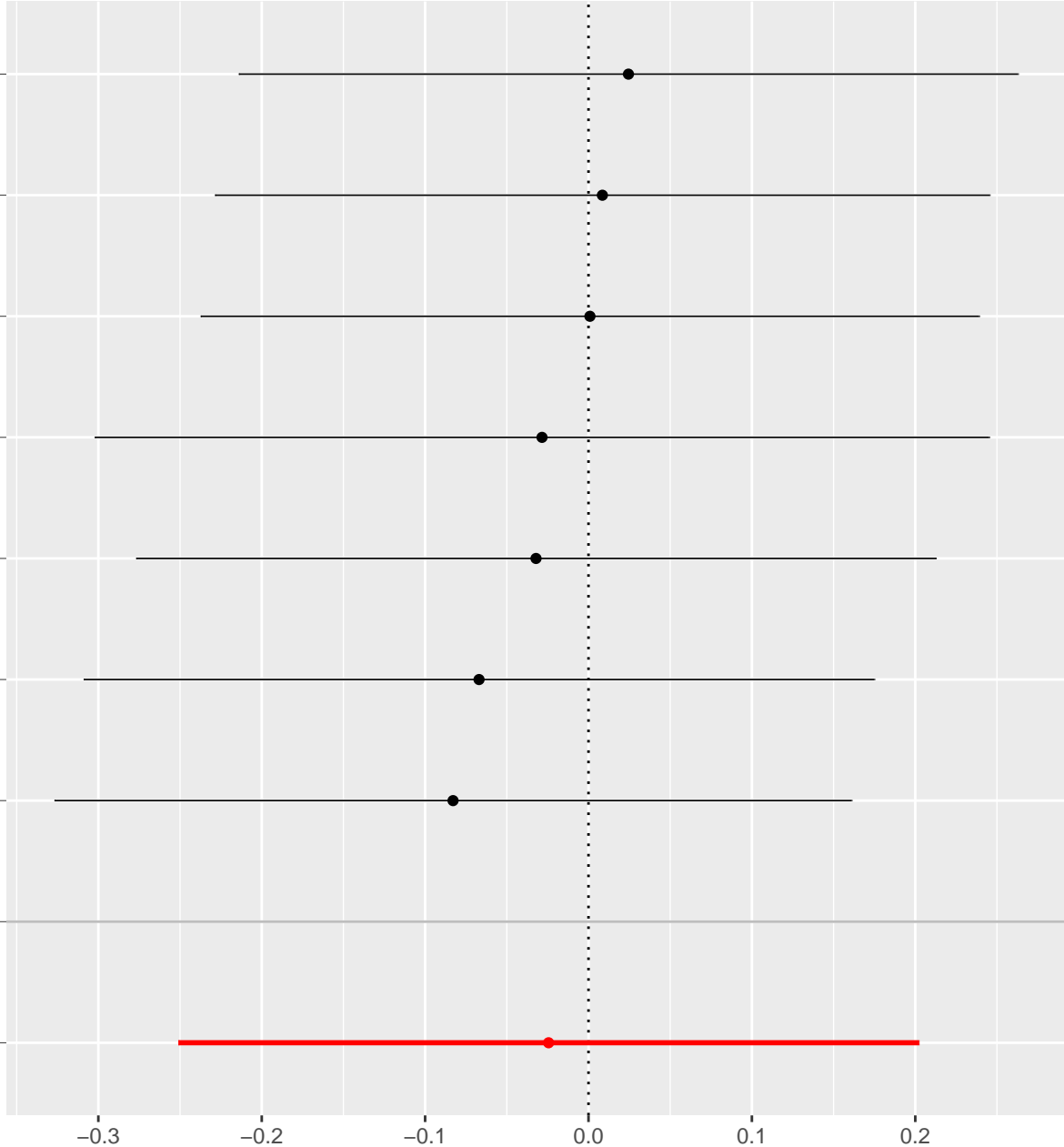
rs1558902

rs2943650

rs9906944

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-04500 || id:394'

rs1558902

rs6857

rs693839

rs6738627

rs9906944

rs6728726

rs2943650

All

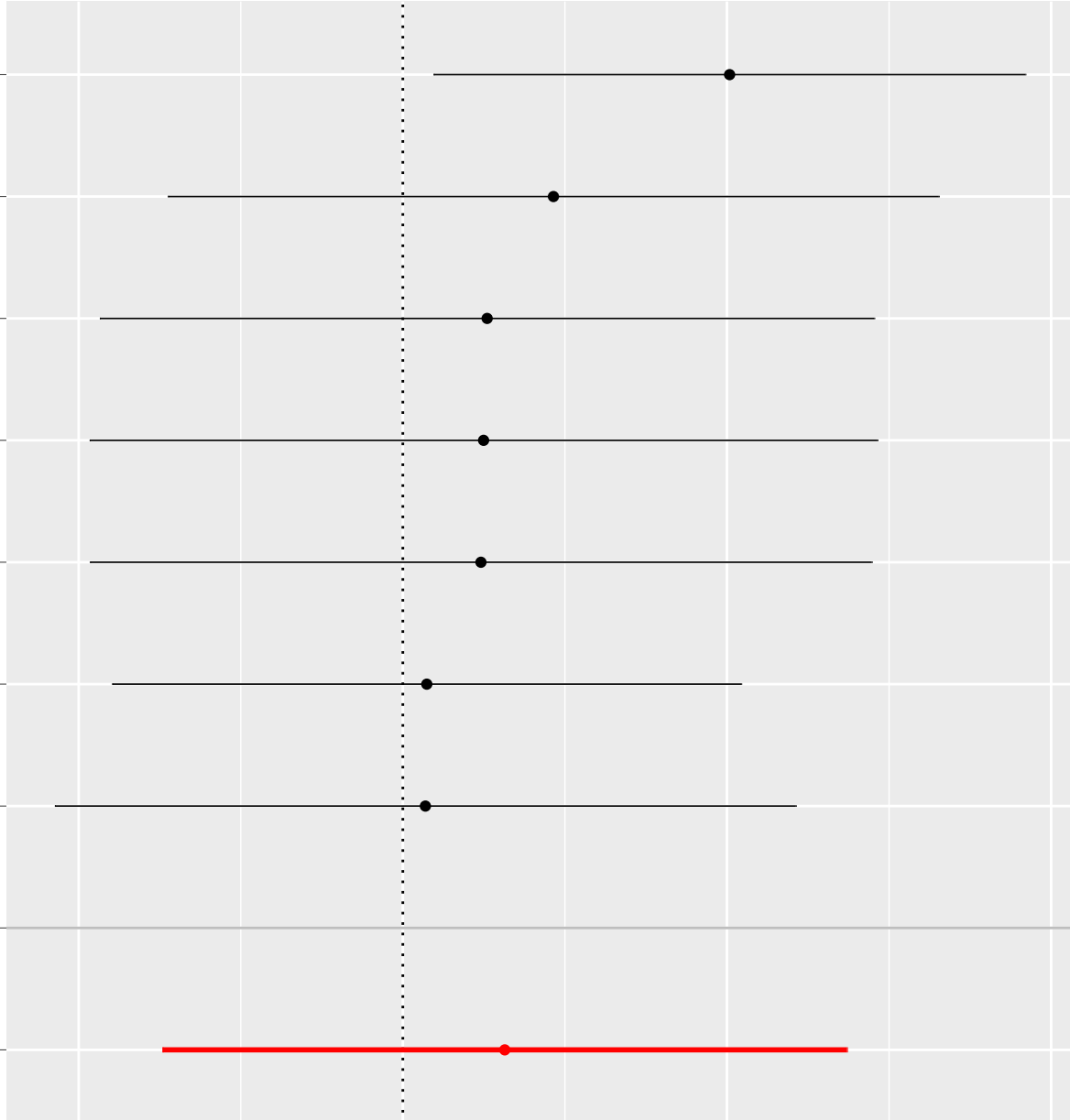
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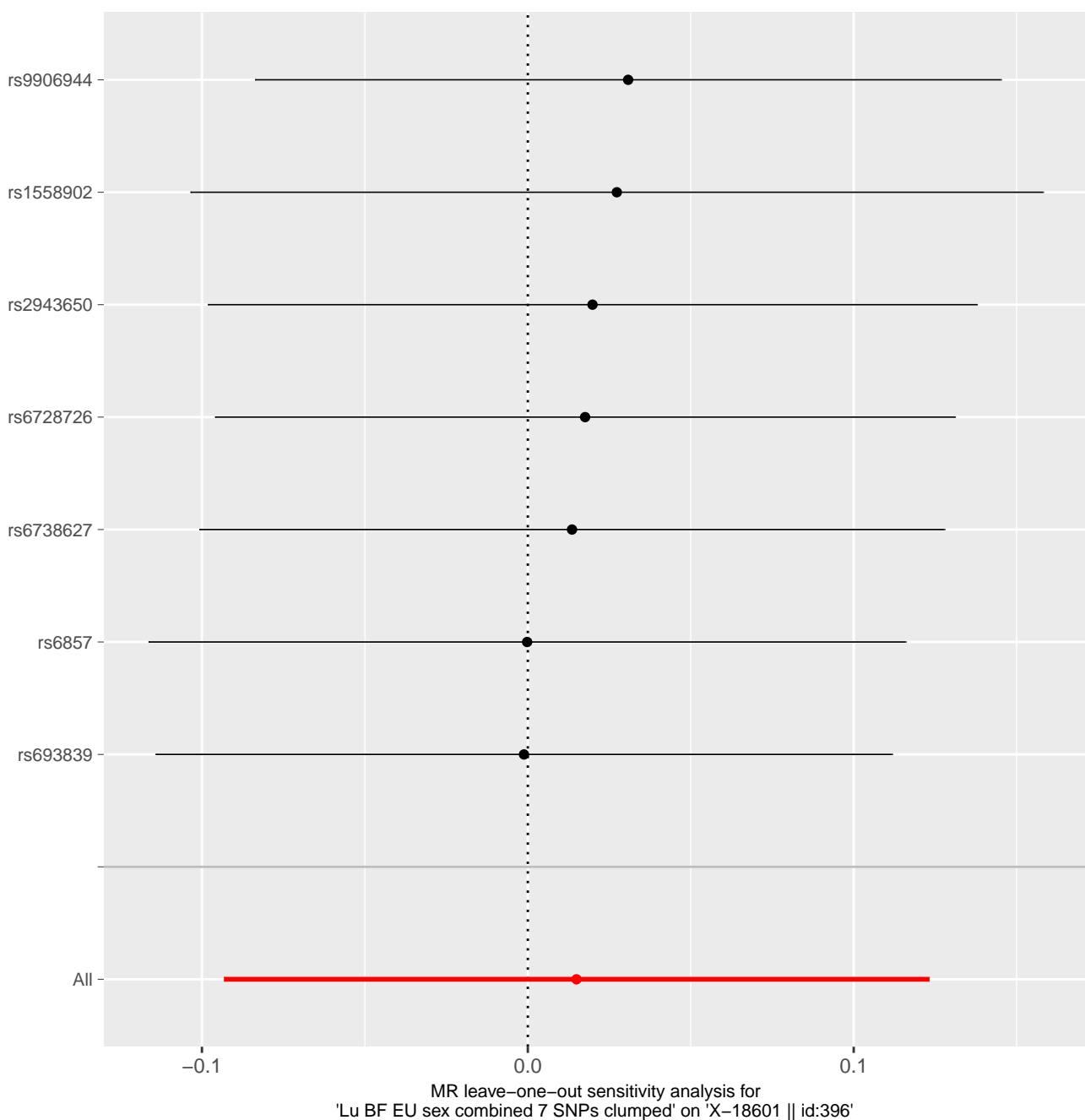
0.0

0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Dihomo-linoleate (20:2n6) || id:395'





rs6728726

rs9906944

rs2943650

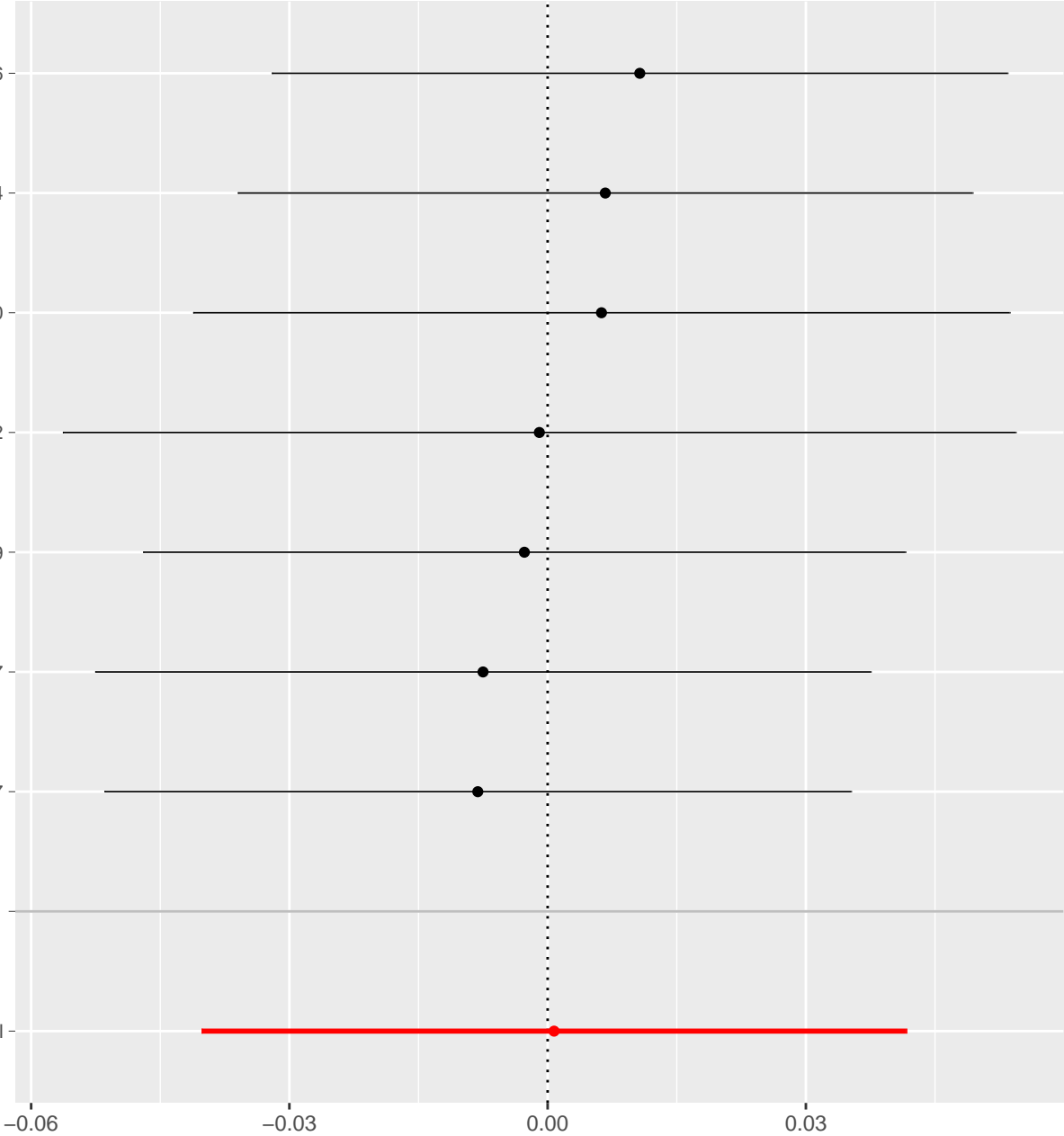
rs1558902

rs693839

rs6857

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '2-hydroxystearate || id:397'

rs9906944

rs2943650

rs693839

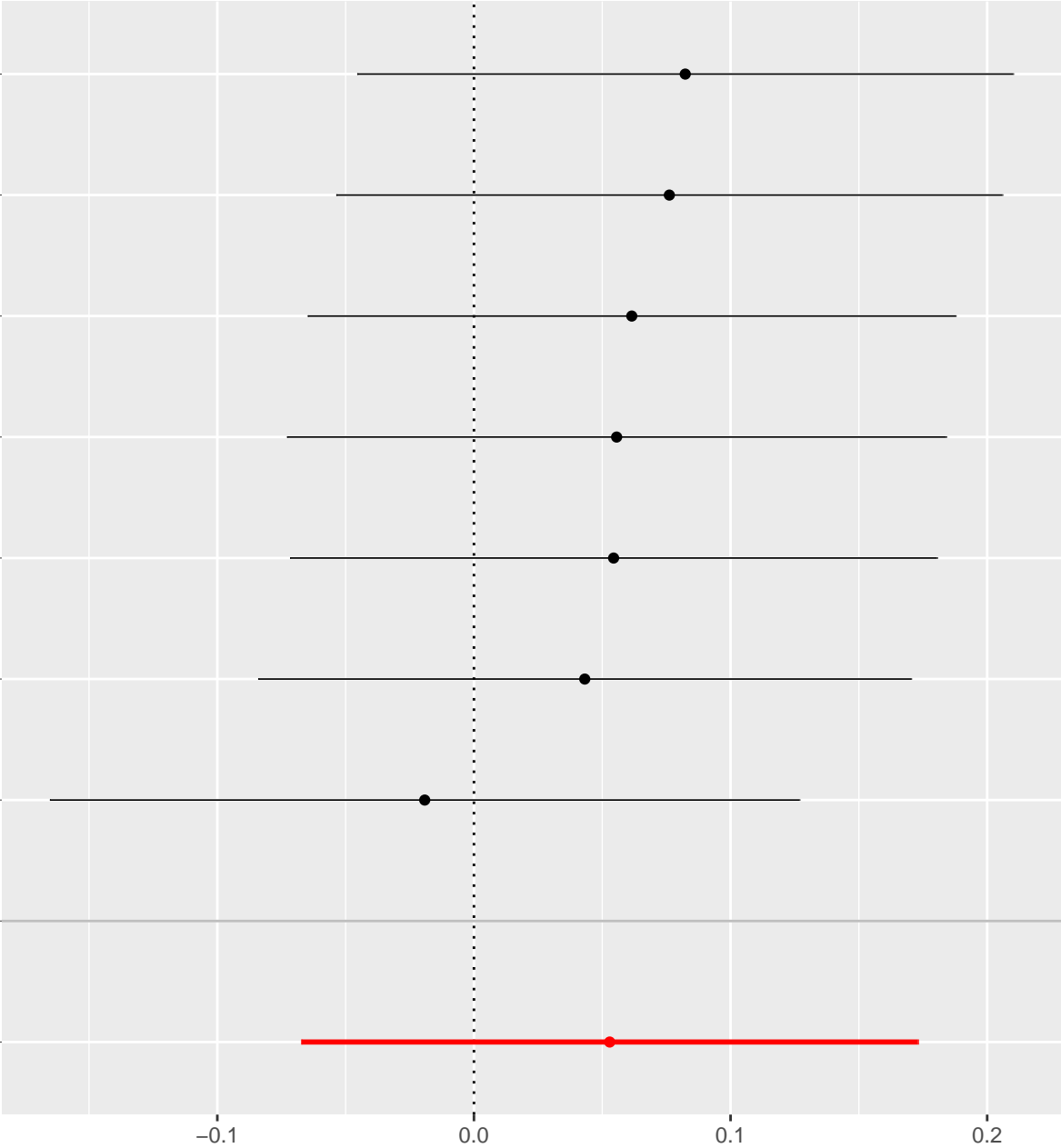
rs6857

rs6728726

rs6738627

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-05426 || id:398'

rs693839

rs9906944

rs6738627

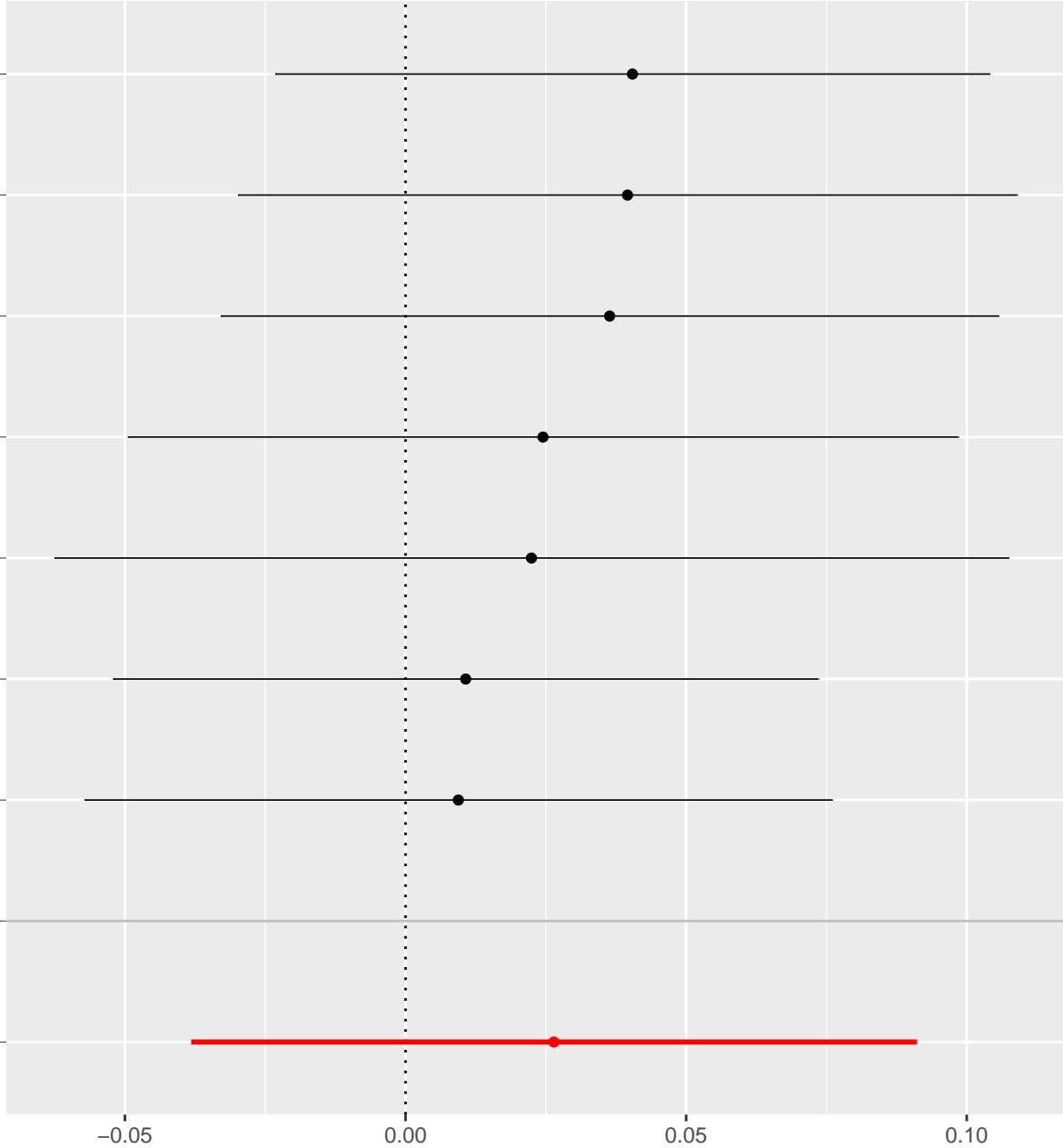
rs6728726

rs1558902

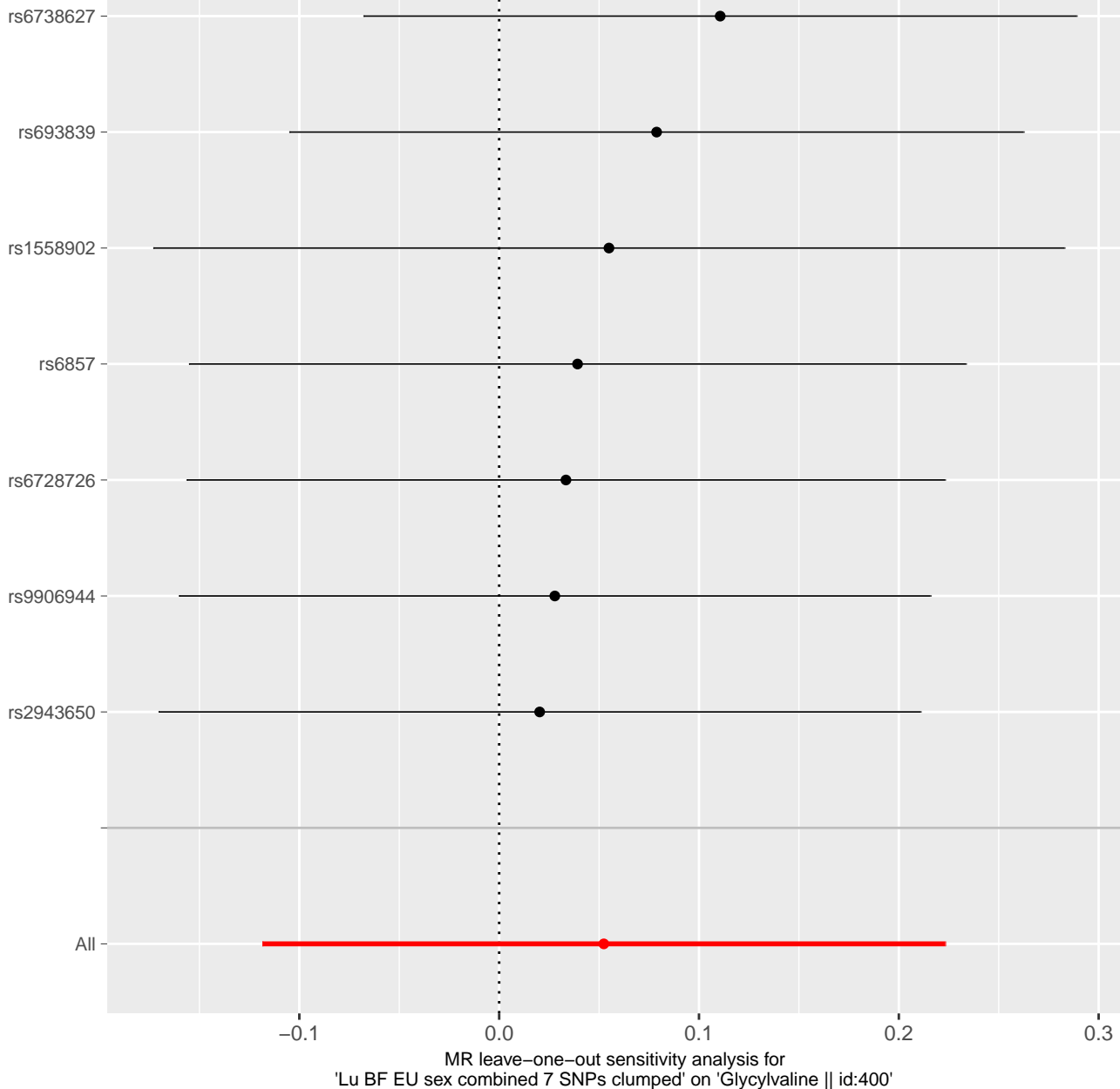
rs6857

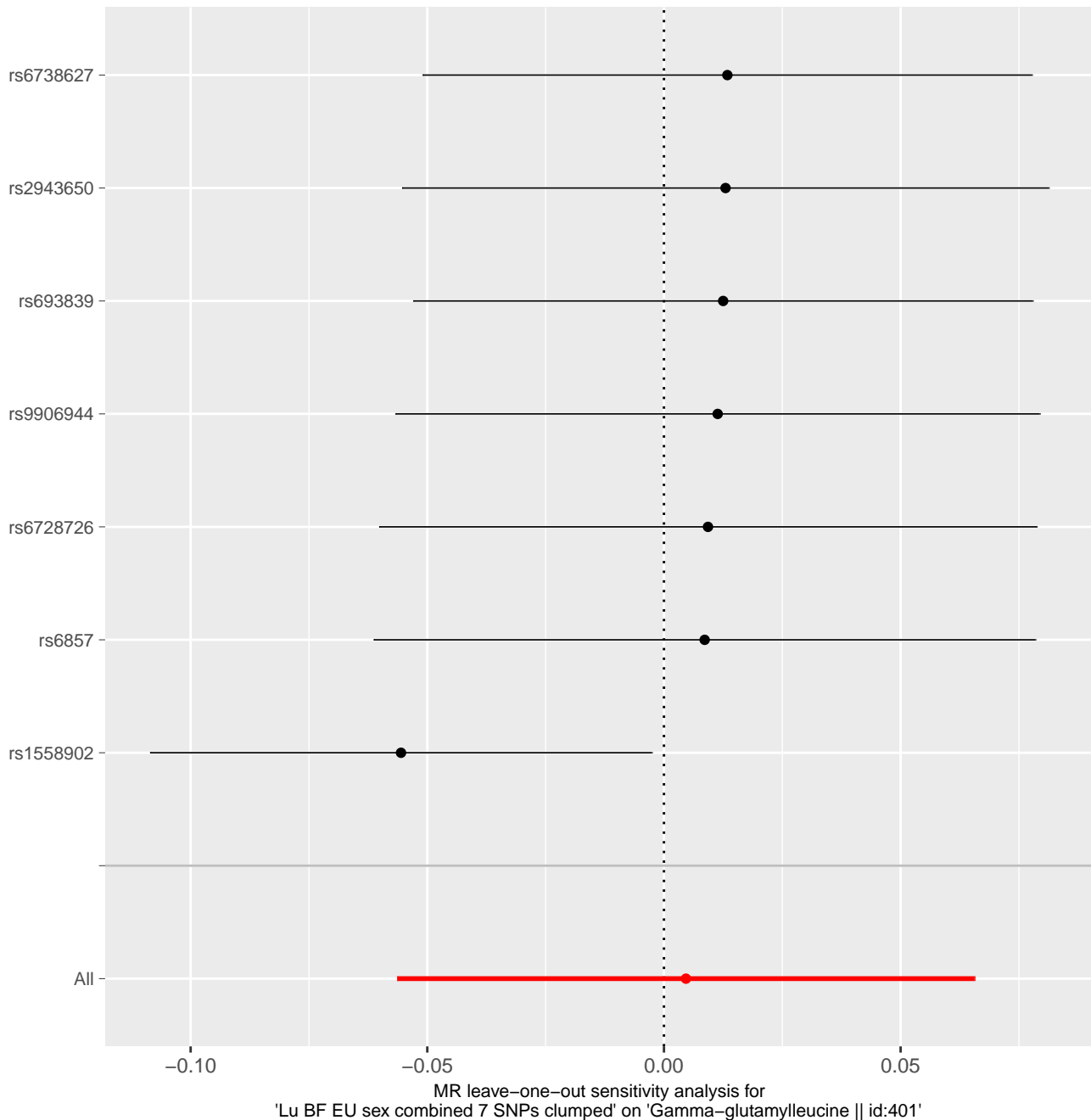
rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Indolelactate || id:399'





rs1558902

rs6857

rs9906944

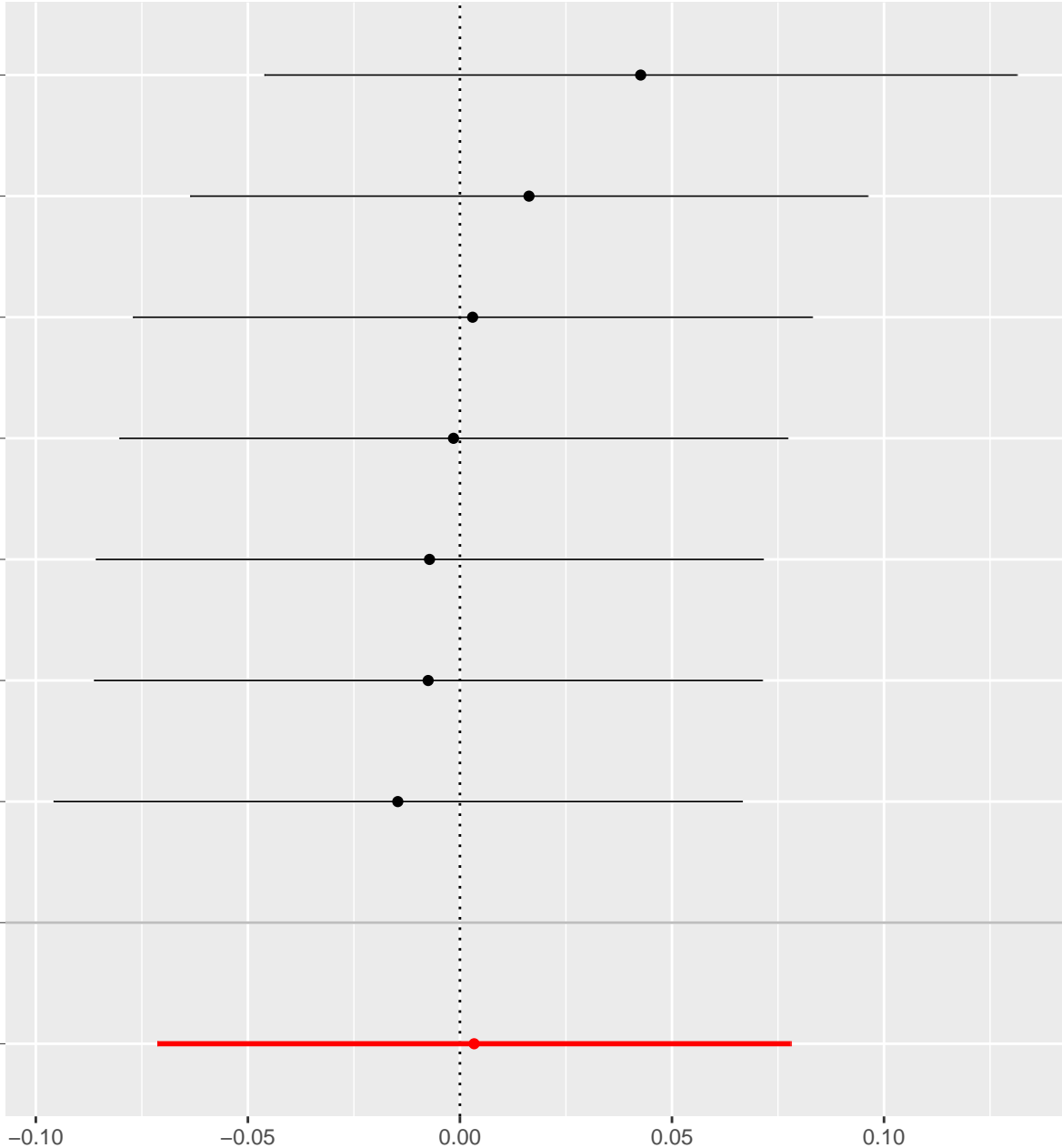
rs693839

rs6728726

rs6738627

rs2943650

All



rs2943650

rs9906944

rs6738627

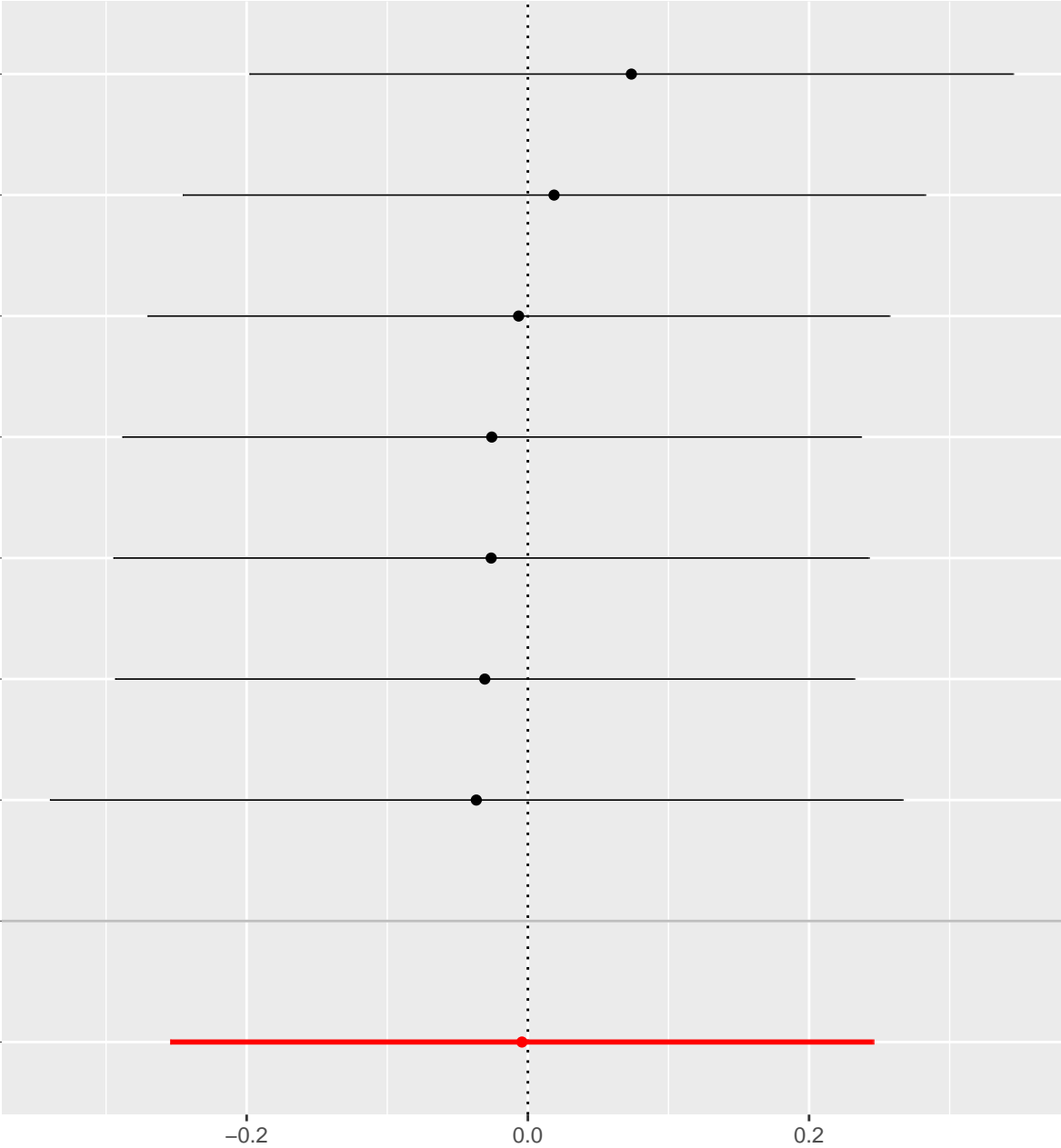
rs6728726

rs6857

rs693839

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Estrone 3-sulfate || id:403'

rs1558902

rs9906944

rs693839

rs2943650

rs6728726

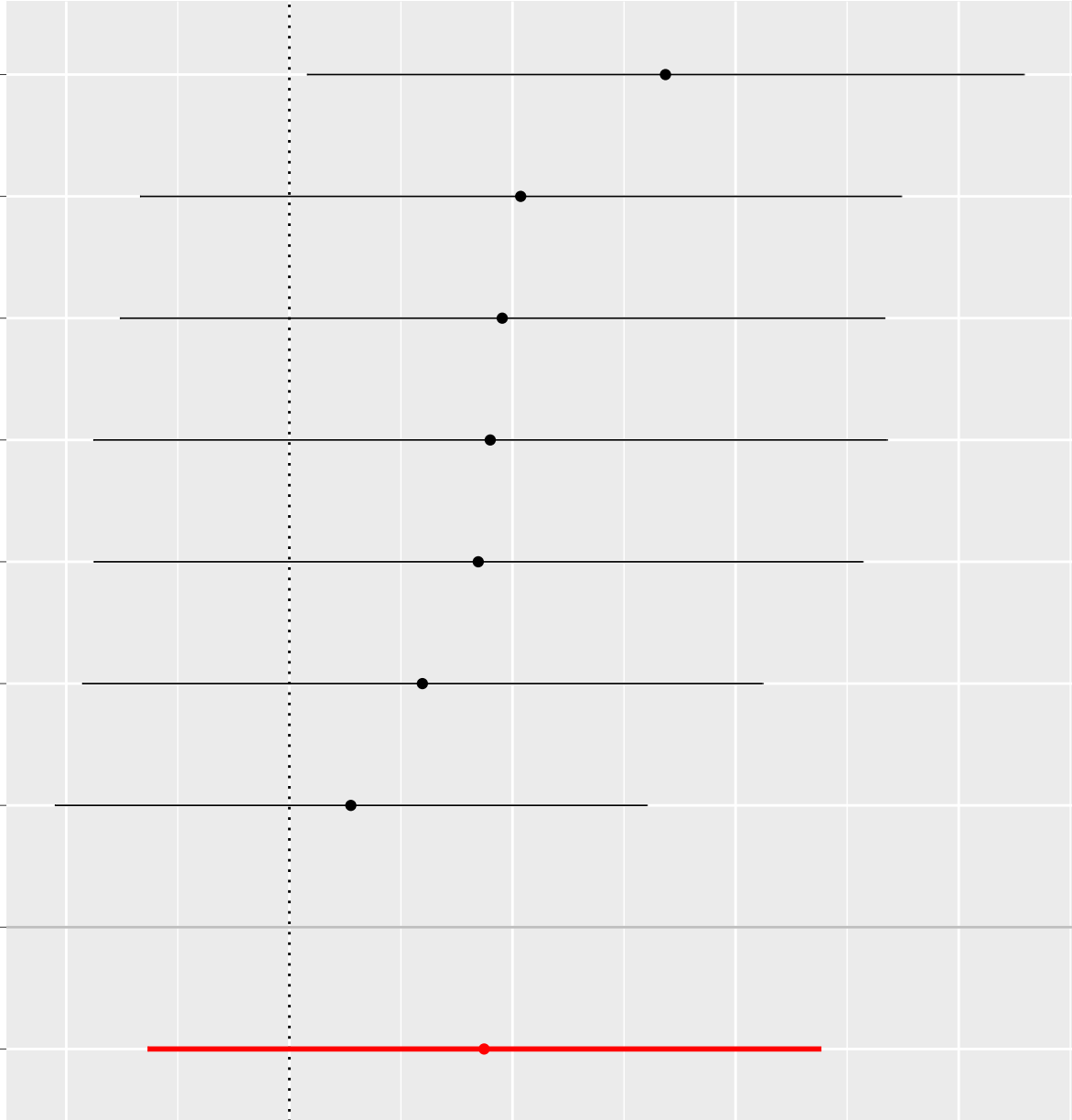
rs6738627

rs6857

All

-0.1 0.0 0.1 0.2 0.3

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Glycocholate || id:404'



rs1558902

rs6738627

rs2943650

rs6728726

rs9906944

rs6857

rs693839

All

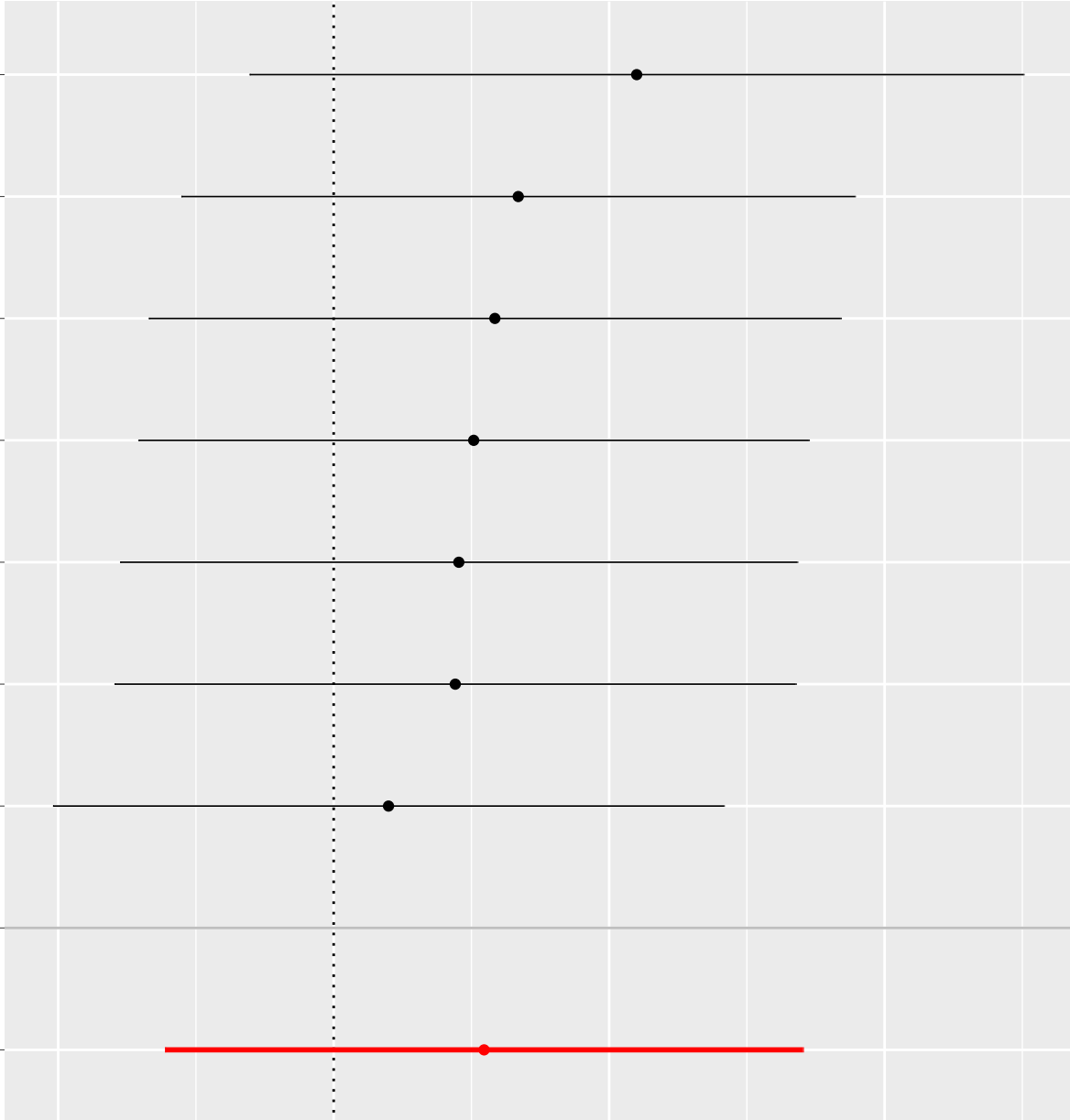
-0.25

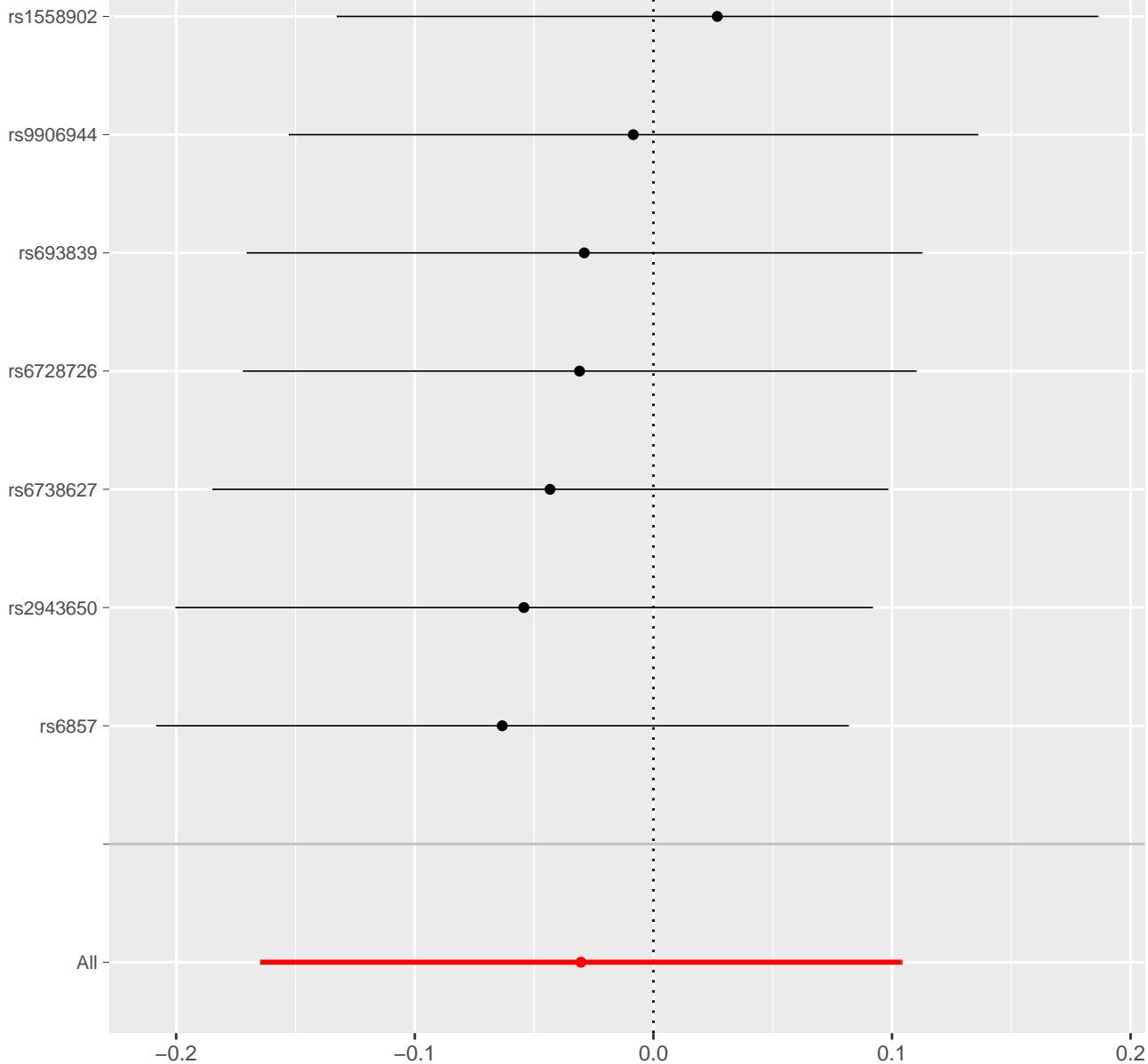
0.00

0.25

0.50

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Glycodeoxycholate || id:405'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Taurochenodeoxycholate || id:406'

rs1558902

rs9906944

rs693839

rs6728726

rs6857

rs6738627

rs2943650

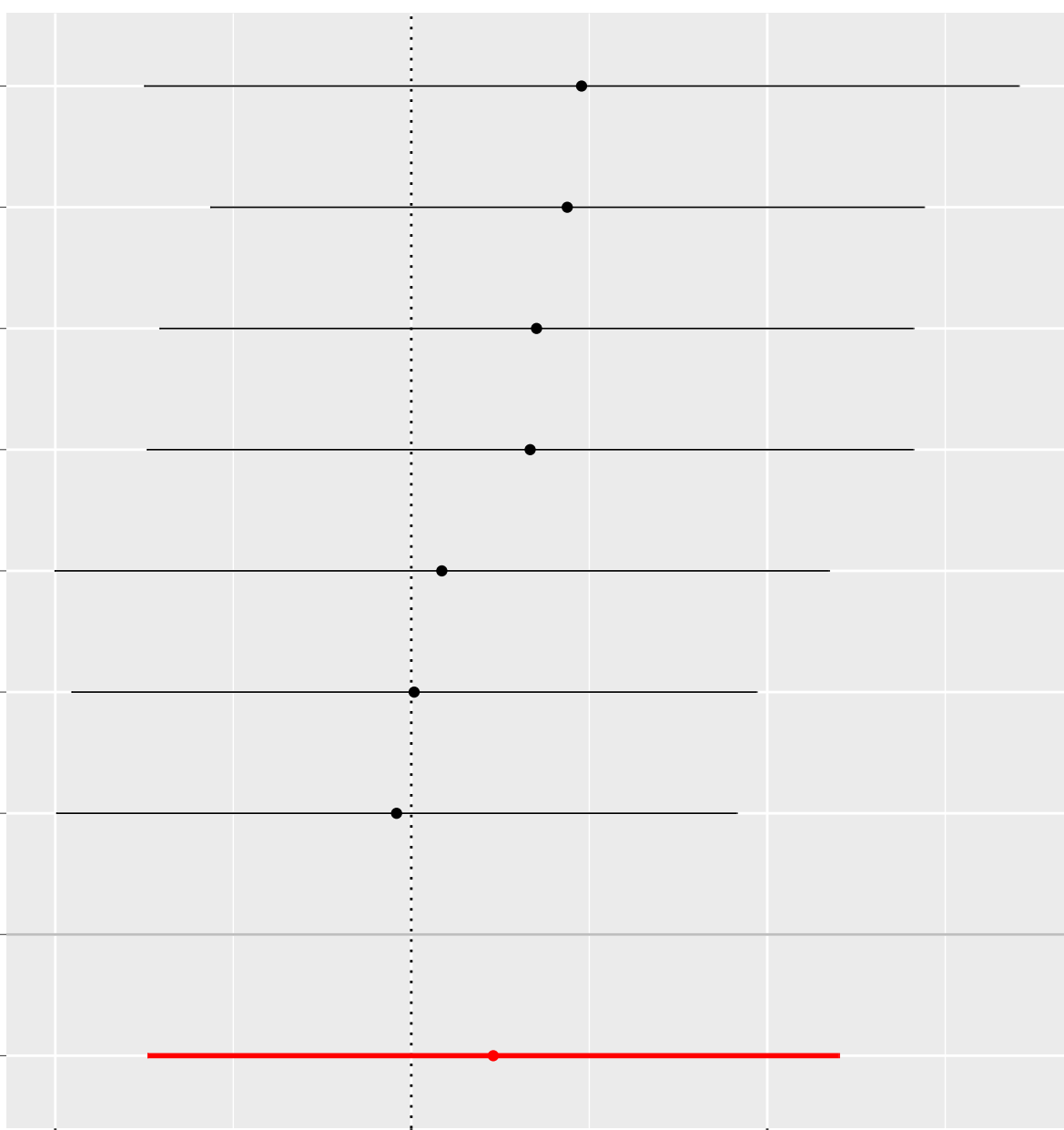
All

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Taurocholate || id:407'



rs1558902

rs6728726

rs693839

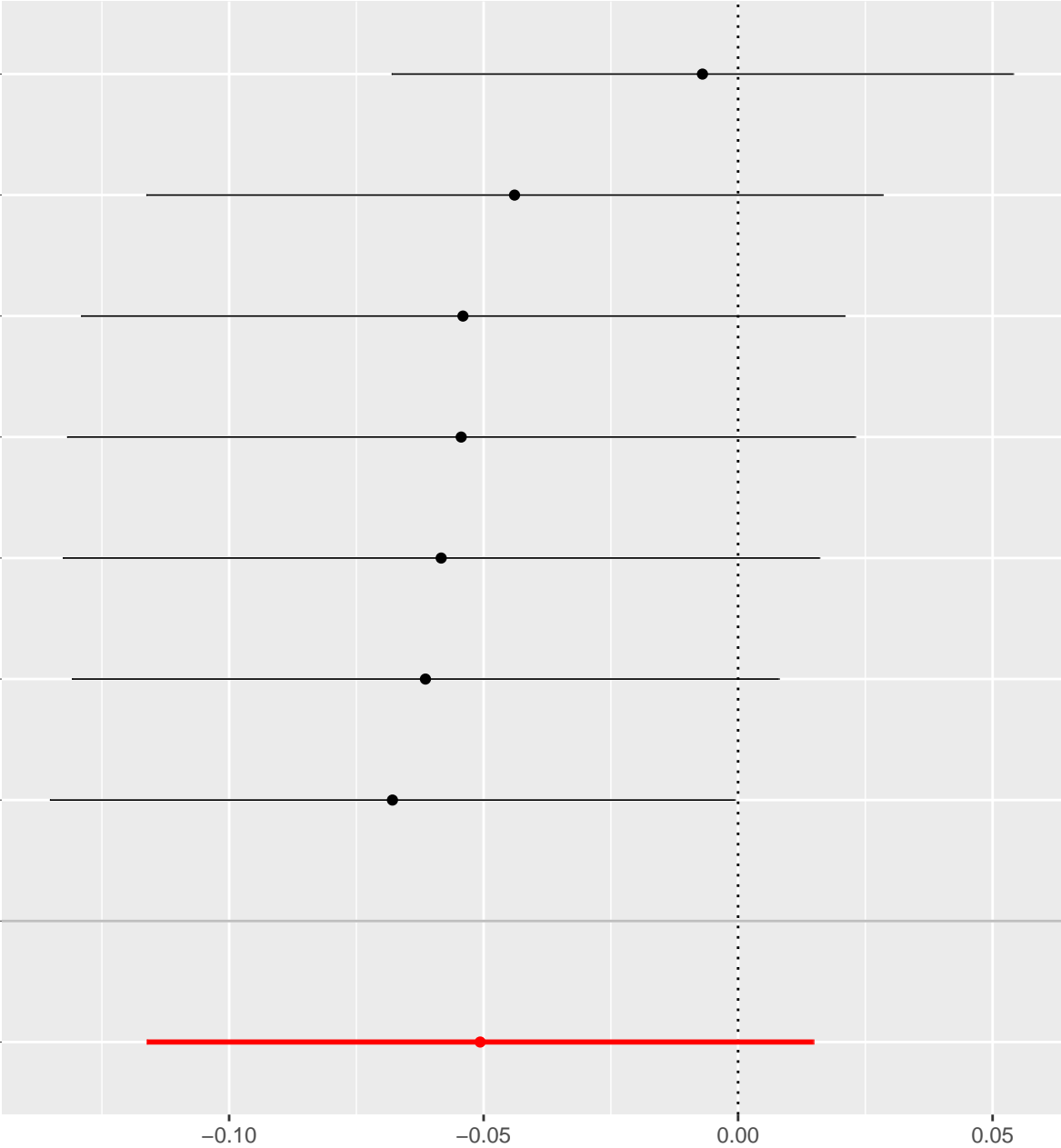
rs2943650

rs9906944

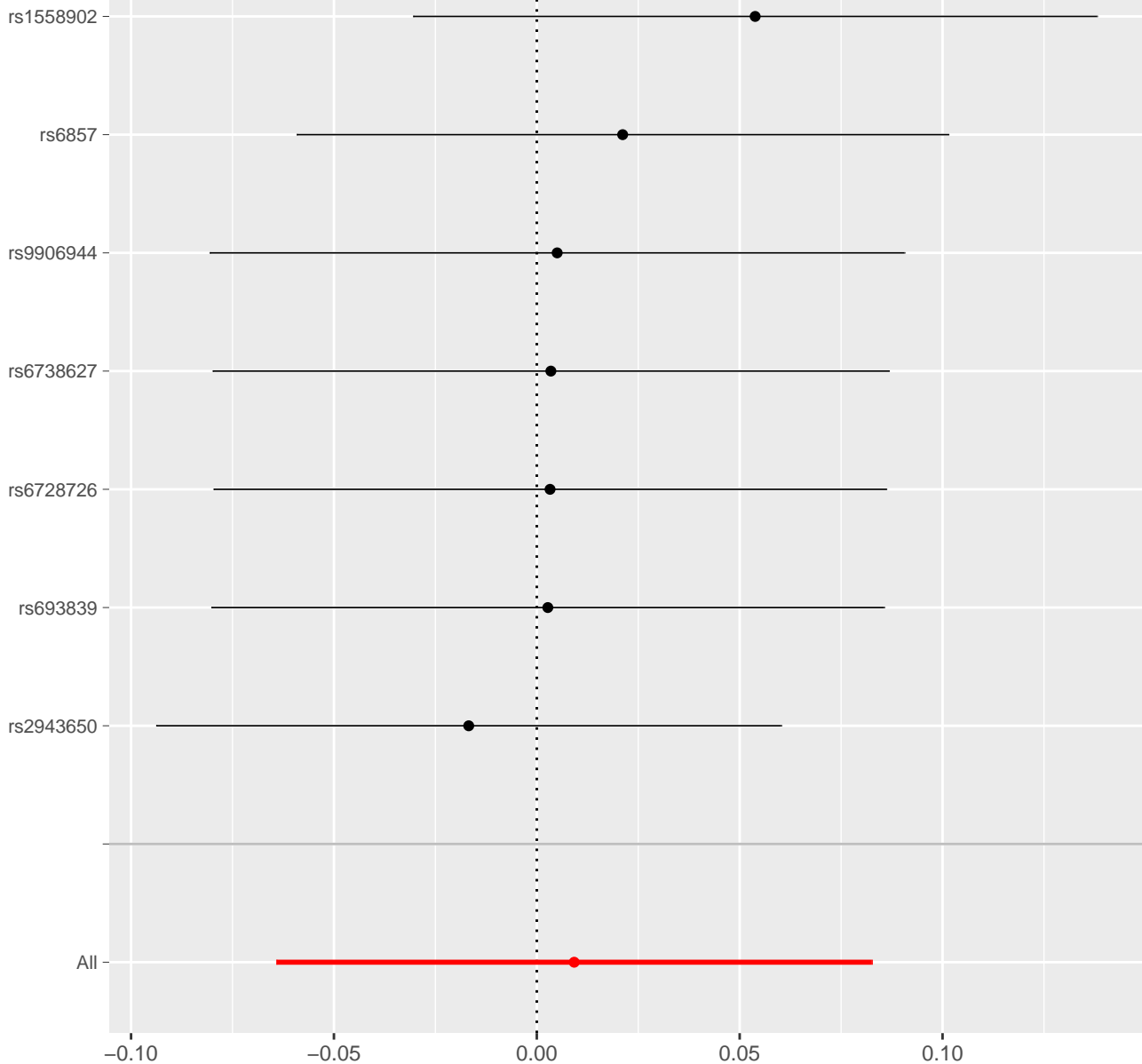
rs6738627

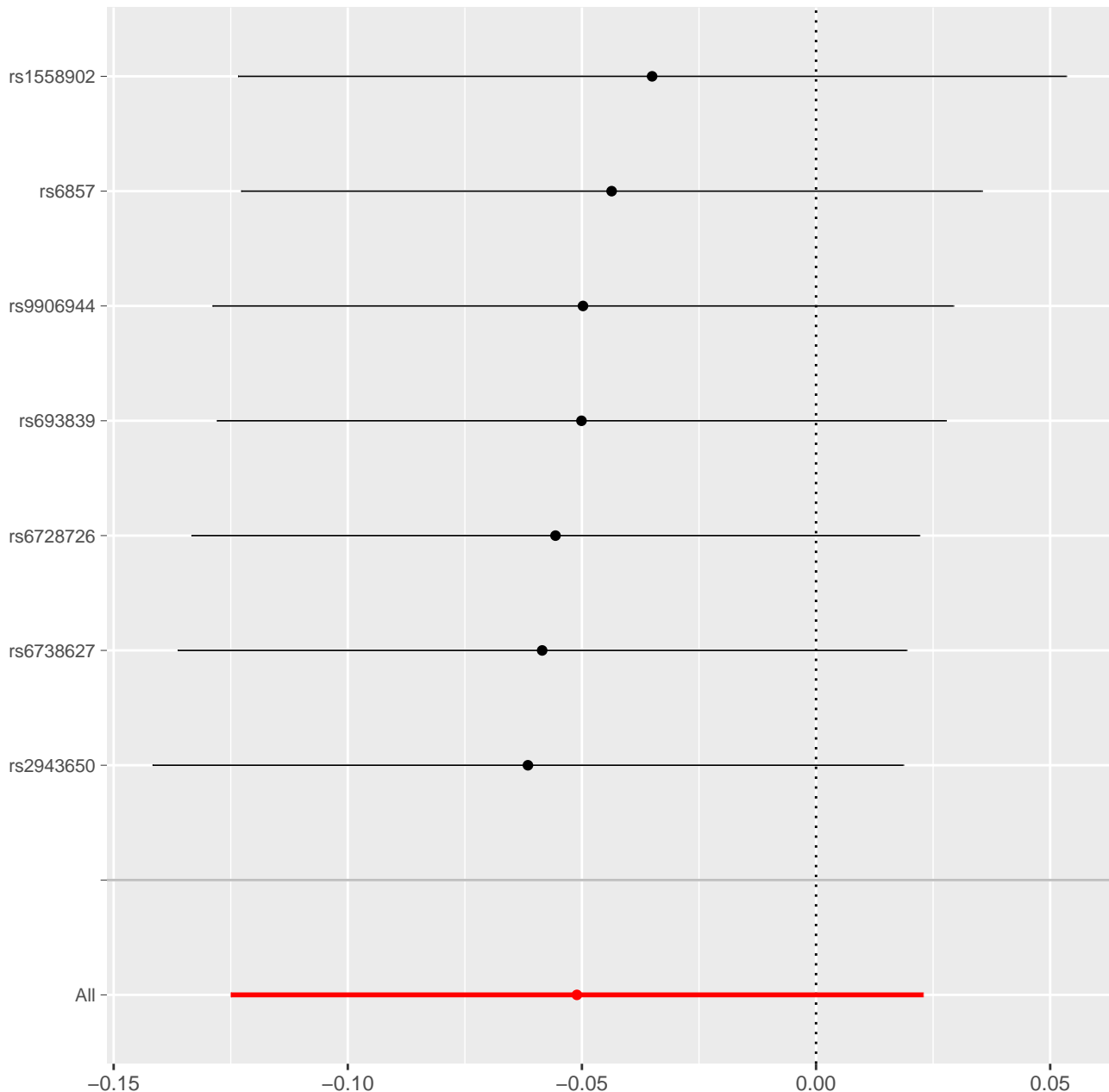
rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-05907 || id:408'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-stearoylglycerophosphoinositol || id:410'

rs1558902

rs6728726

rs6738627

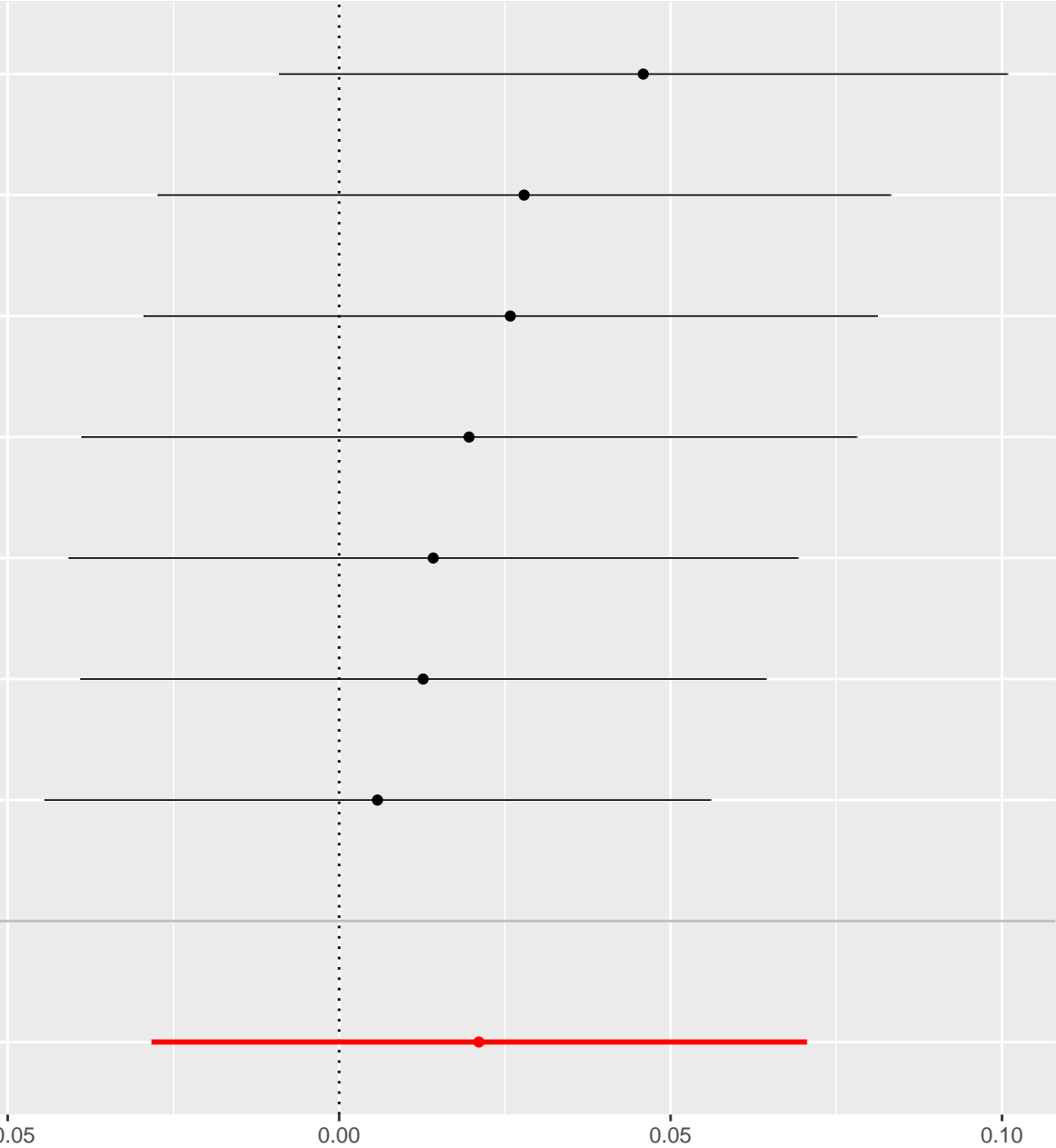
rs2943650

rs9906944

rs693839

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-06226 || id:411'

rs2943650

rs6728726

rs6738627

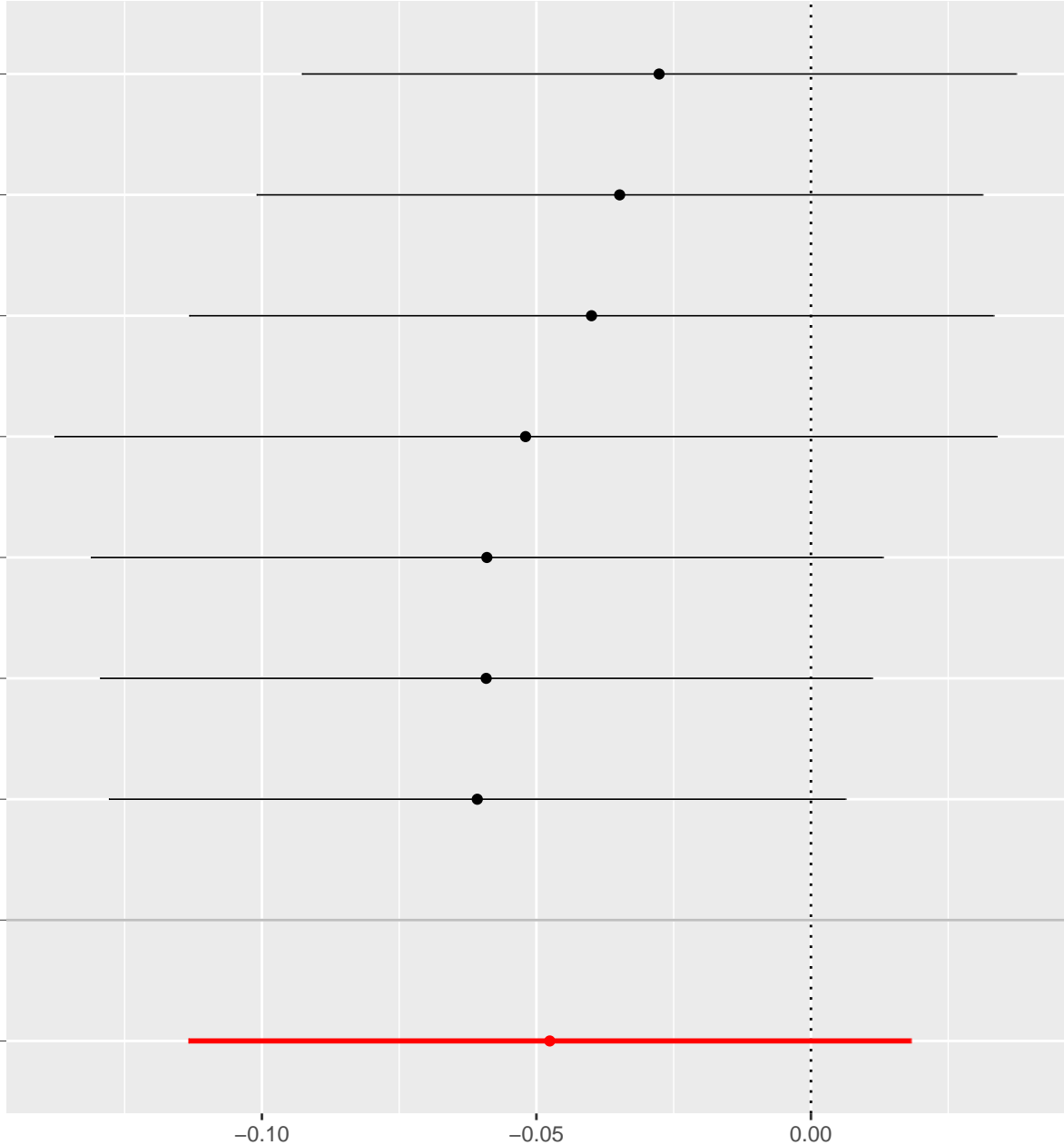
rs1558902

rs9906944

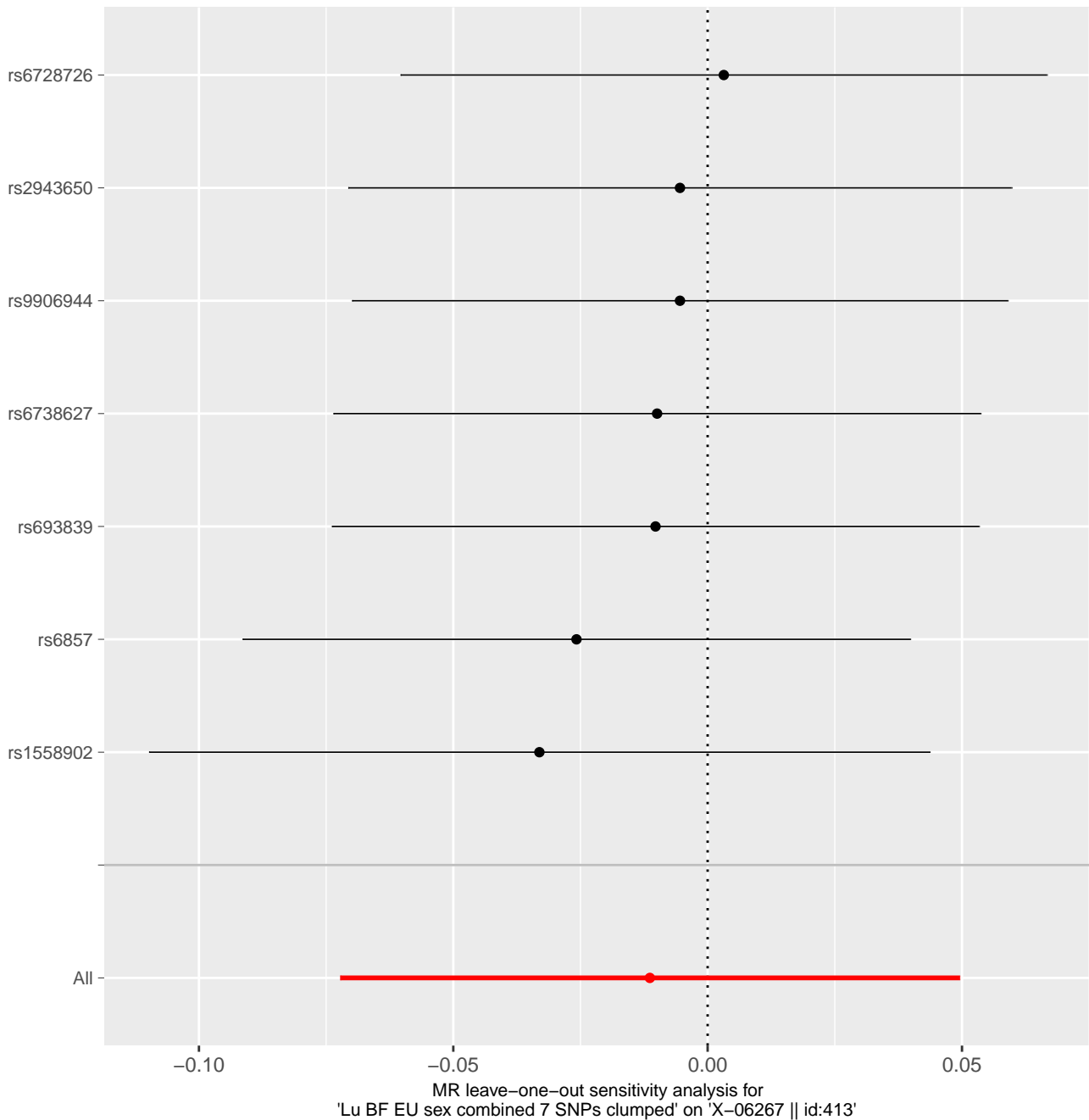
rs6857

rs693839

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-06246 || id:412'



rs6738627

rs2943650

rs6728726

rs1558902

rs693839

rs6857

rs9906944

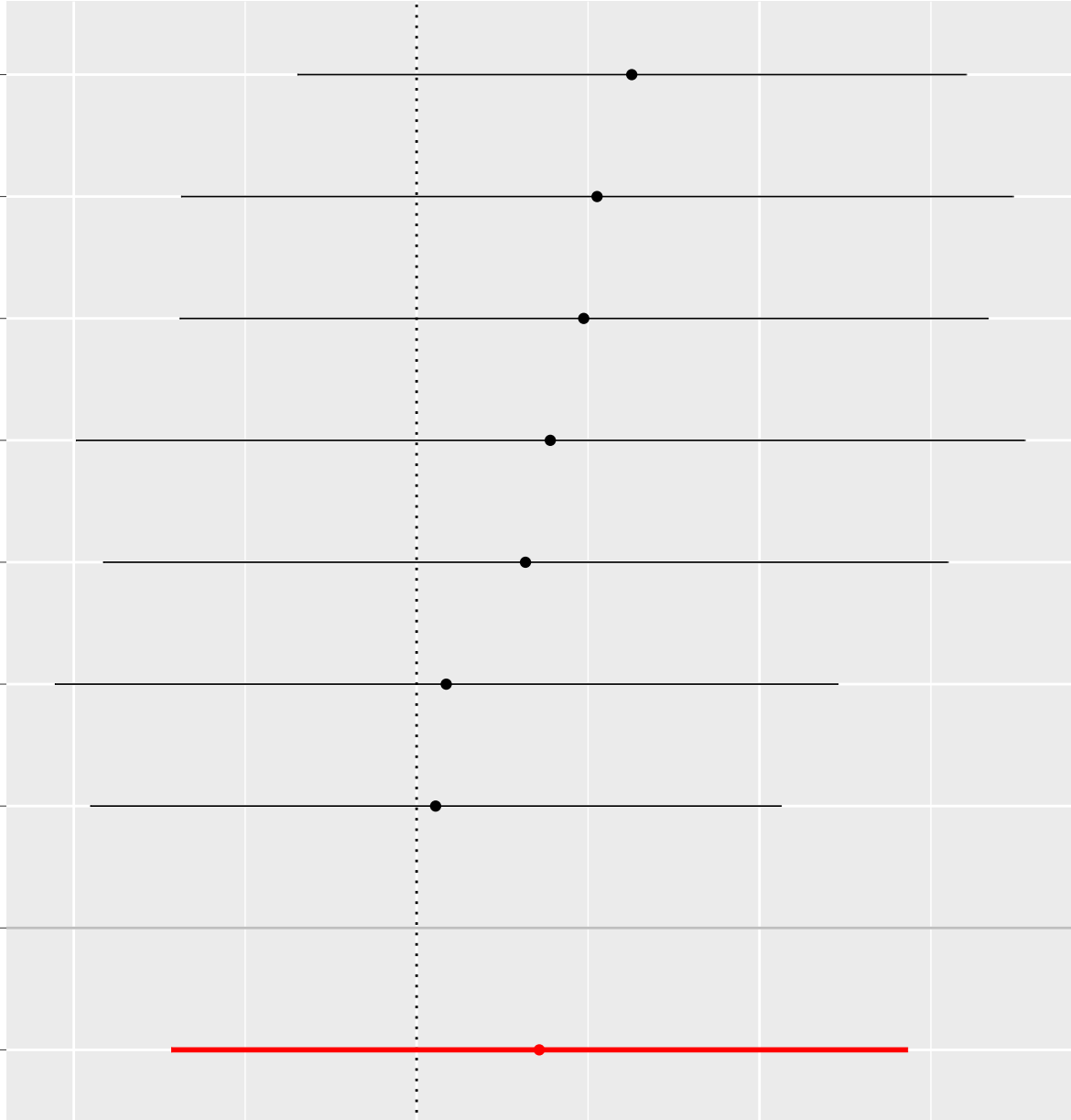
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-06307 || id:414'



rs2943650

rs693839

rs6728726

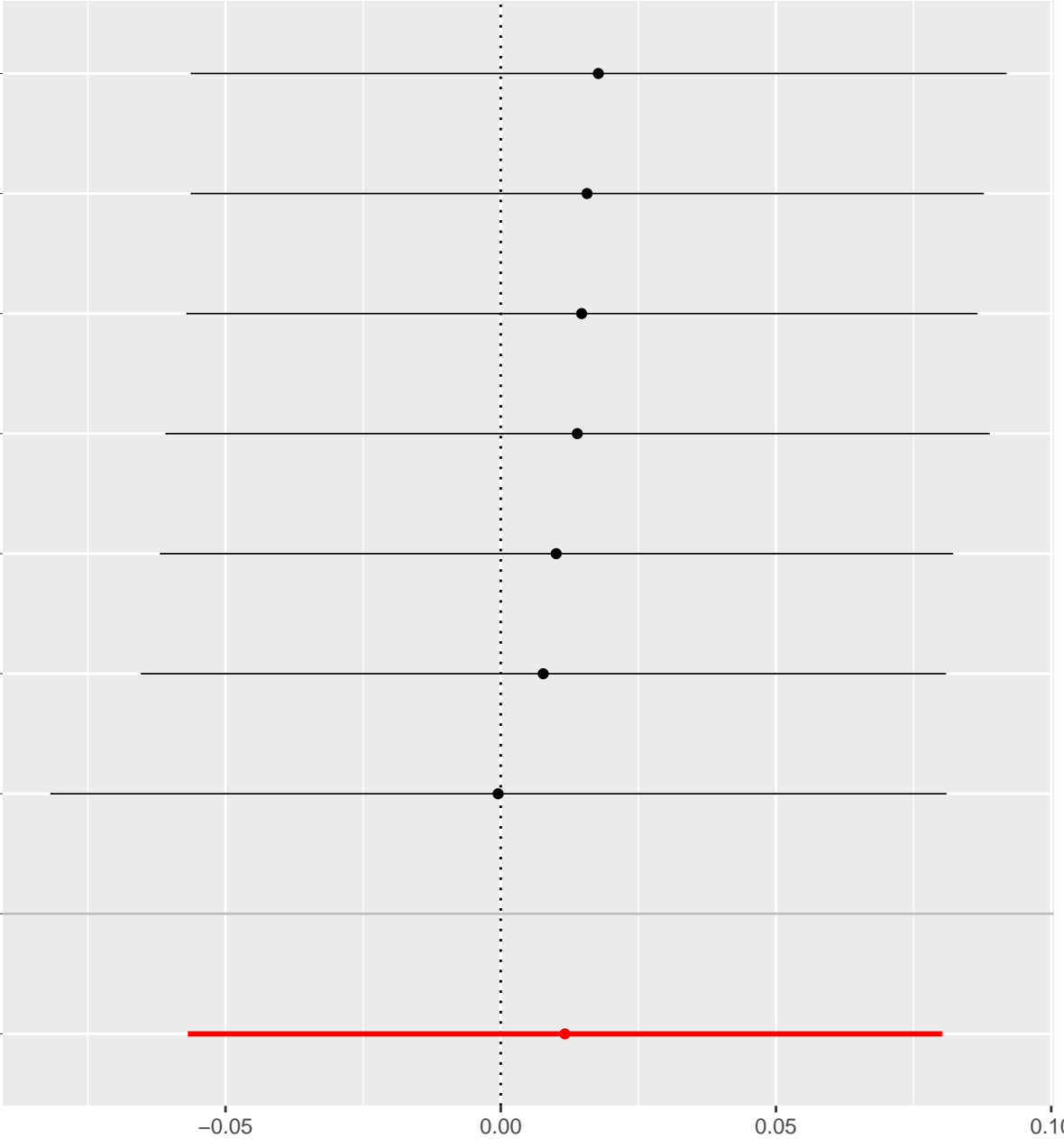
rs6857

rs6738627

rs9906944

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-06350 || id:415'

rs1558902

rs9906944

rs693839

rs6738627

rs6728726

rs6857

rs2943650

All

-0.15

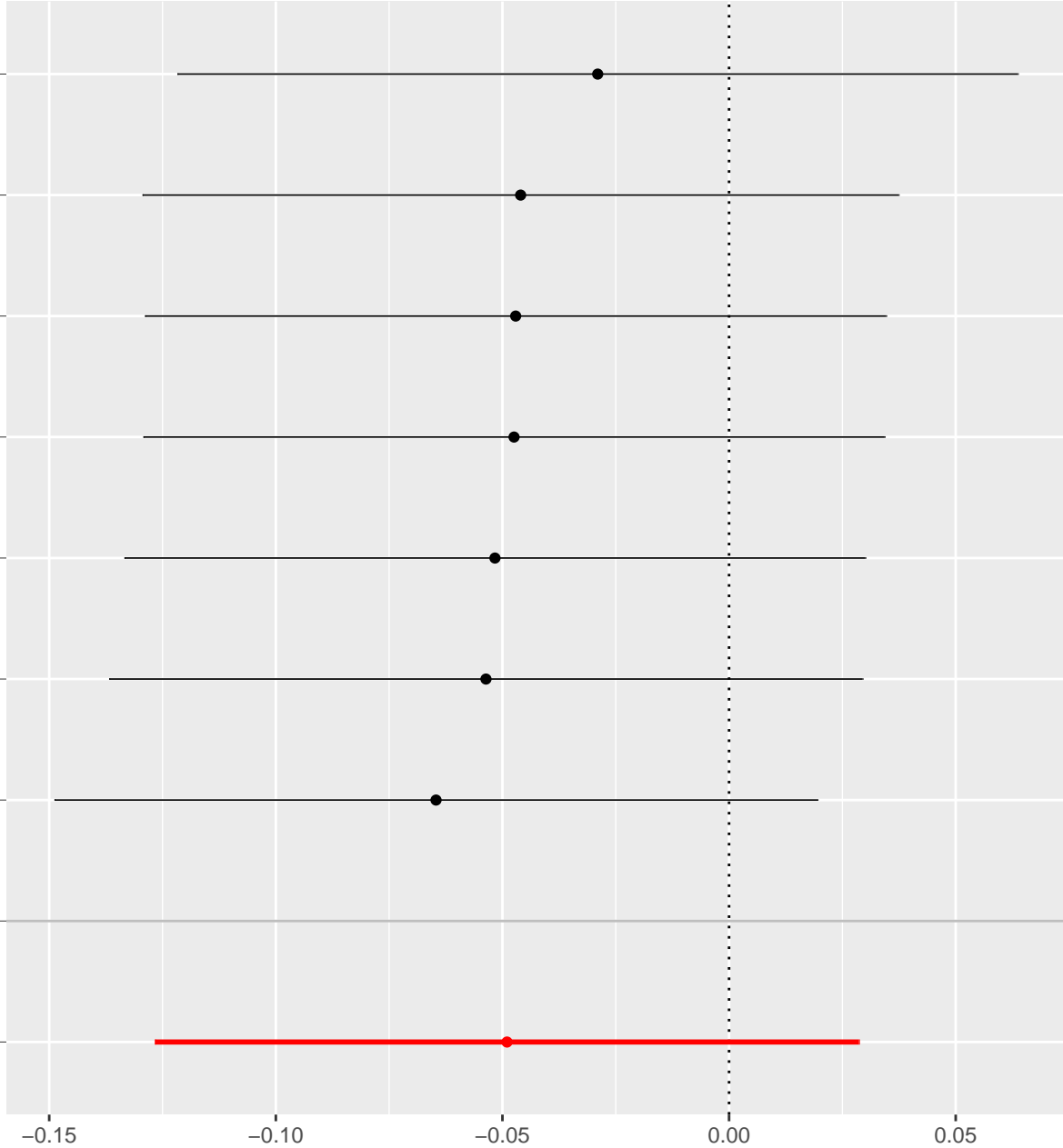
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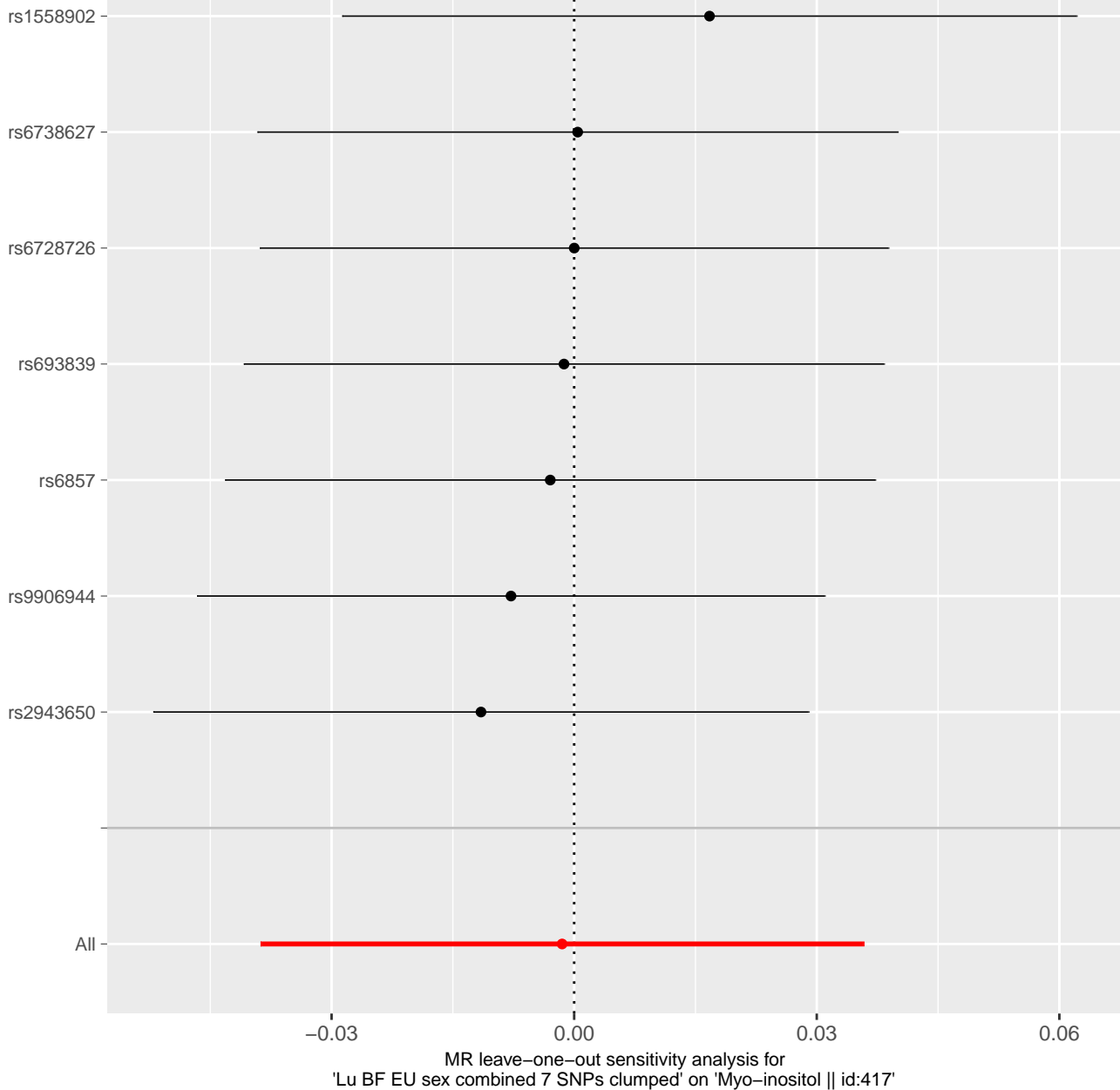
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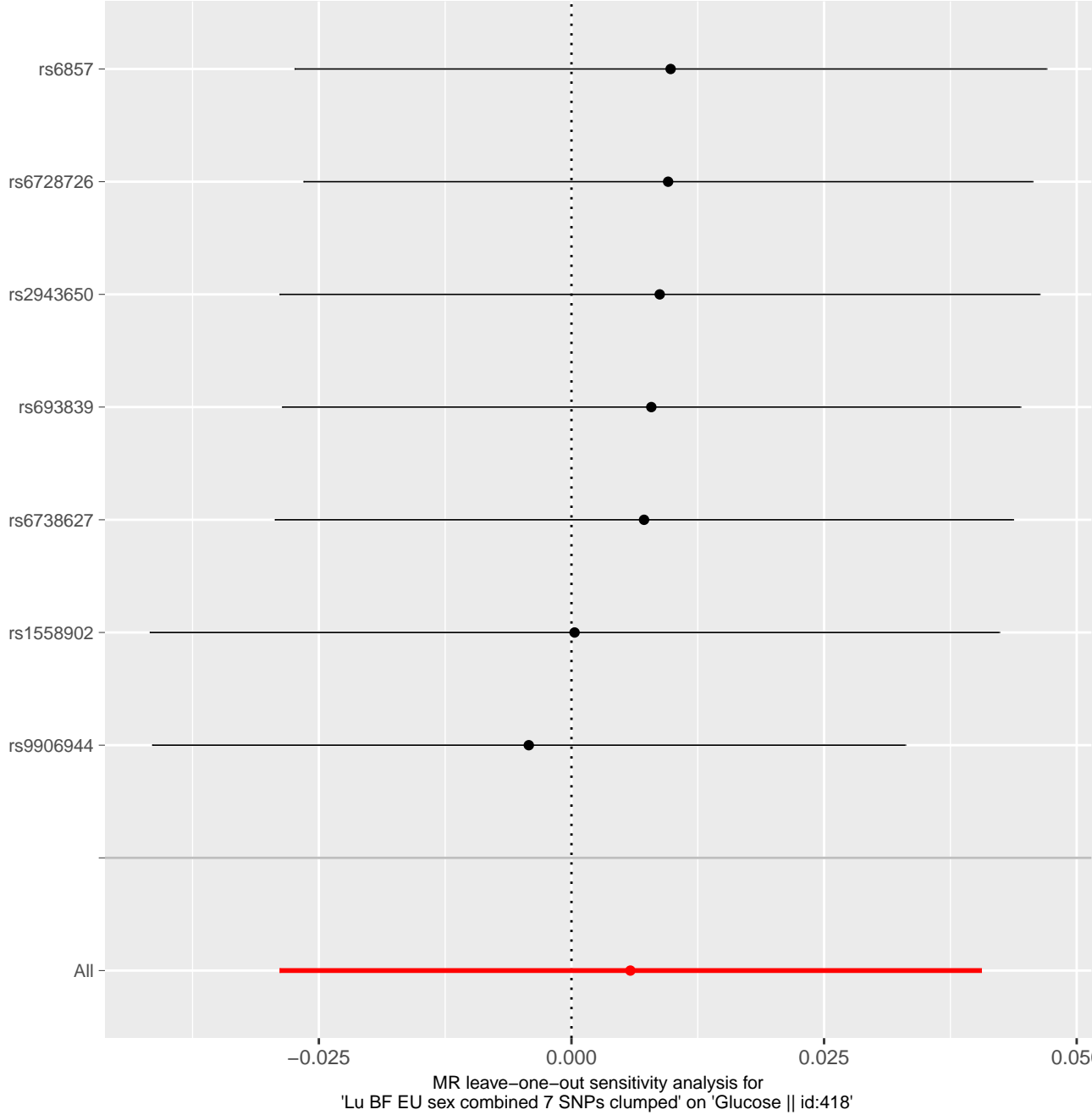
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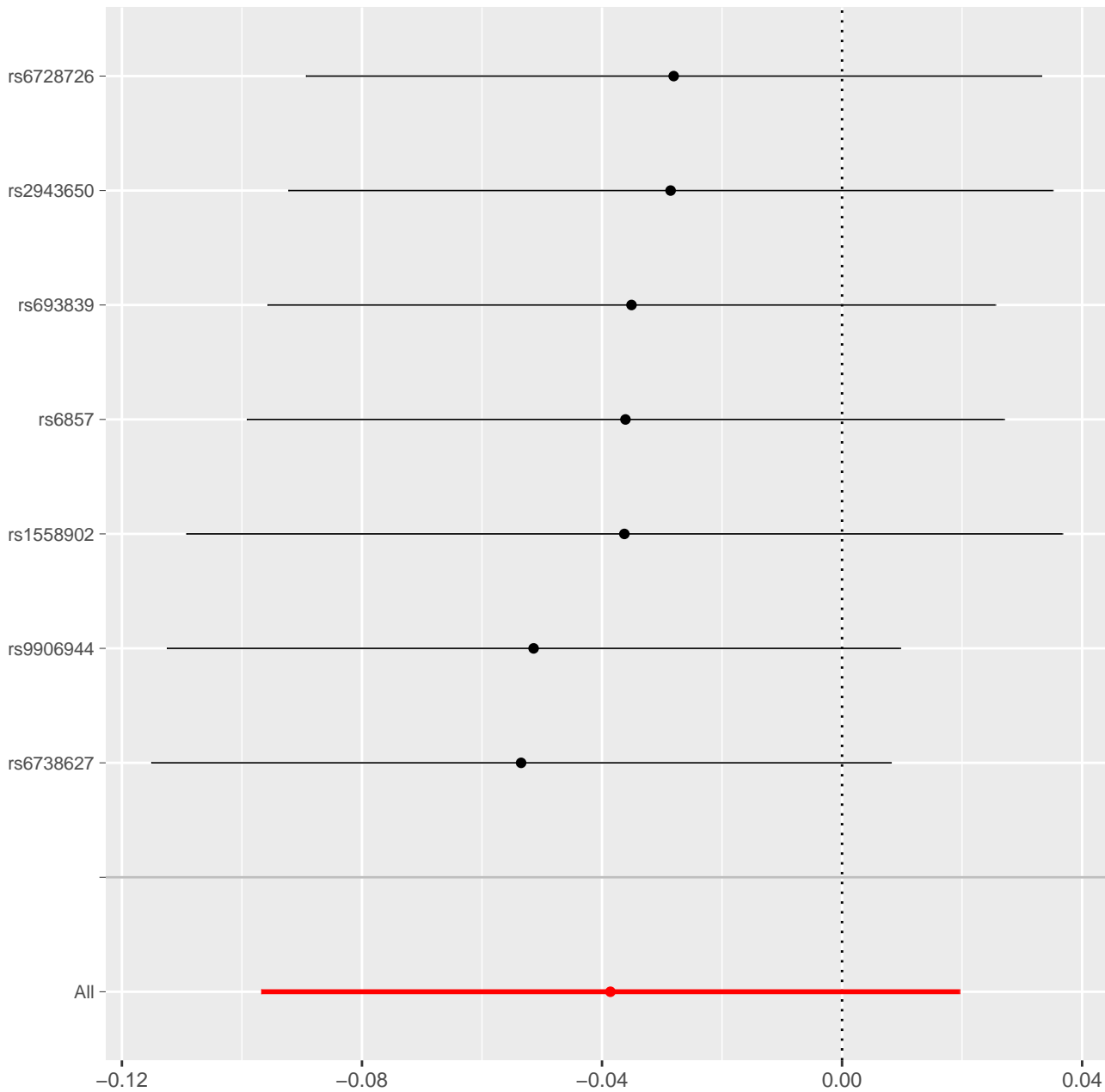
0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-06351 || id:416'









MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1,5-anhydroglucitol (1,5-AG) || id:419'

rs1558902

rs6738627

rs693839

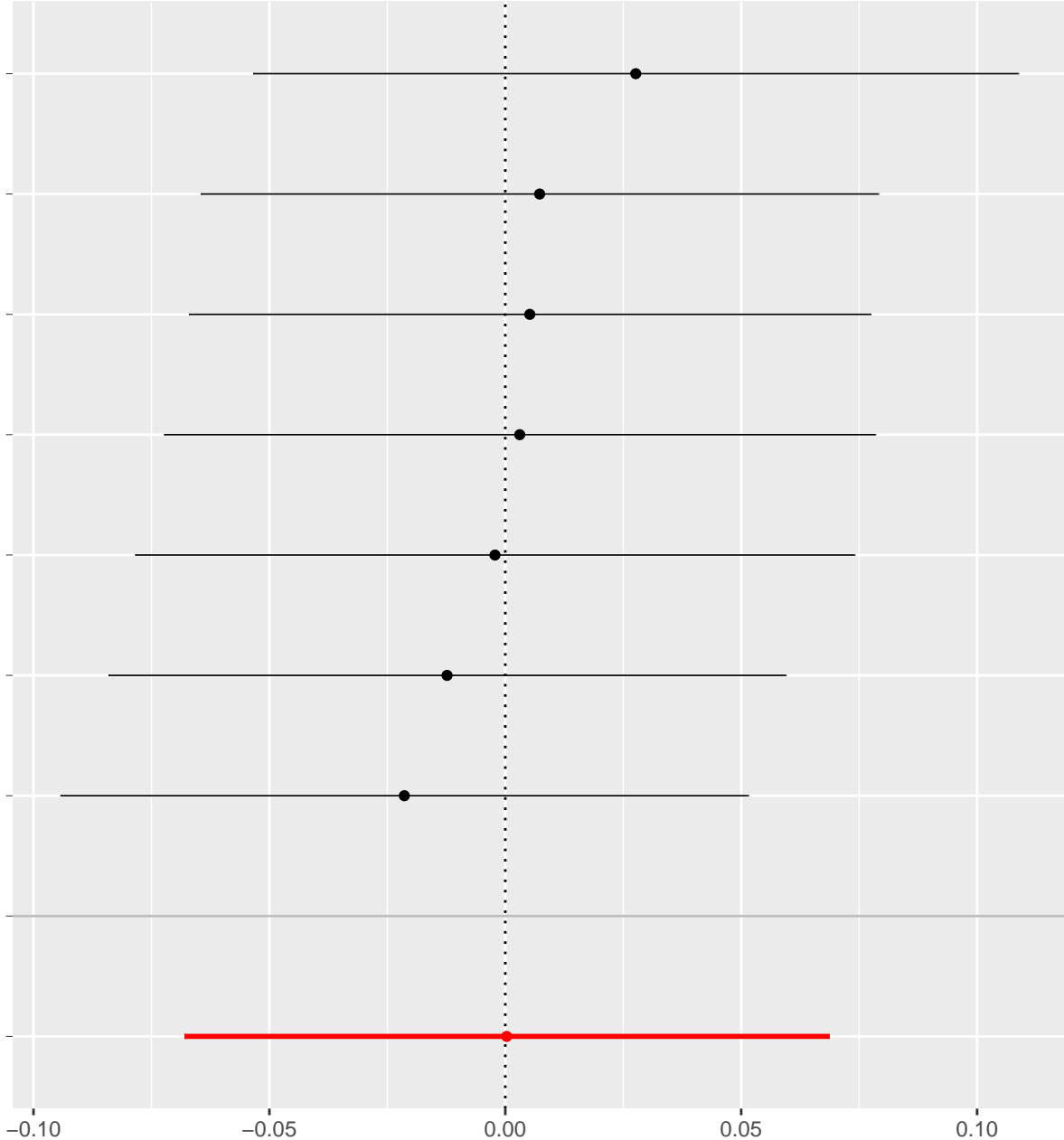
rs2943650

rs6857

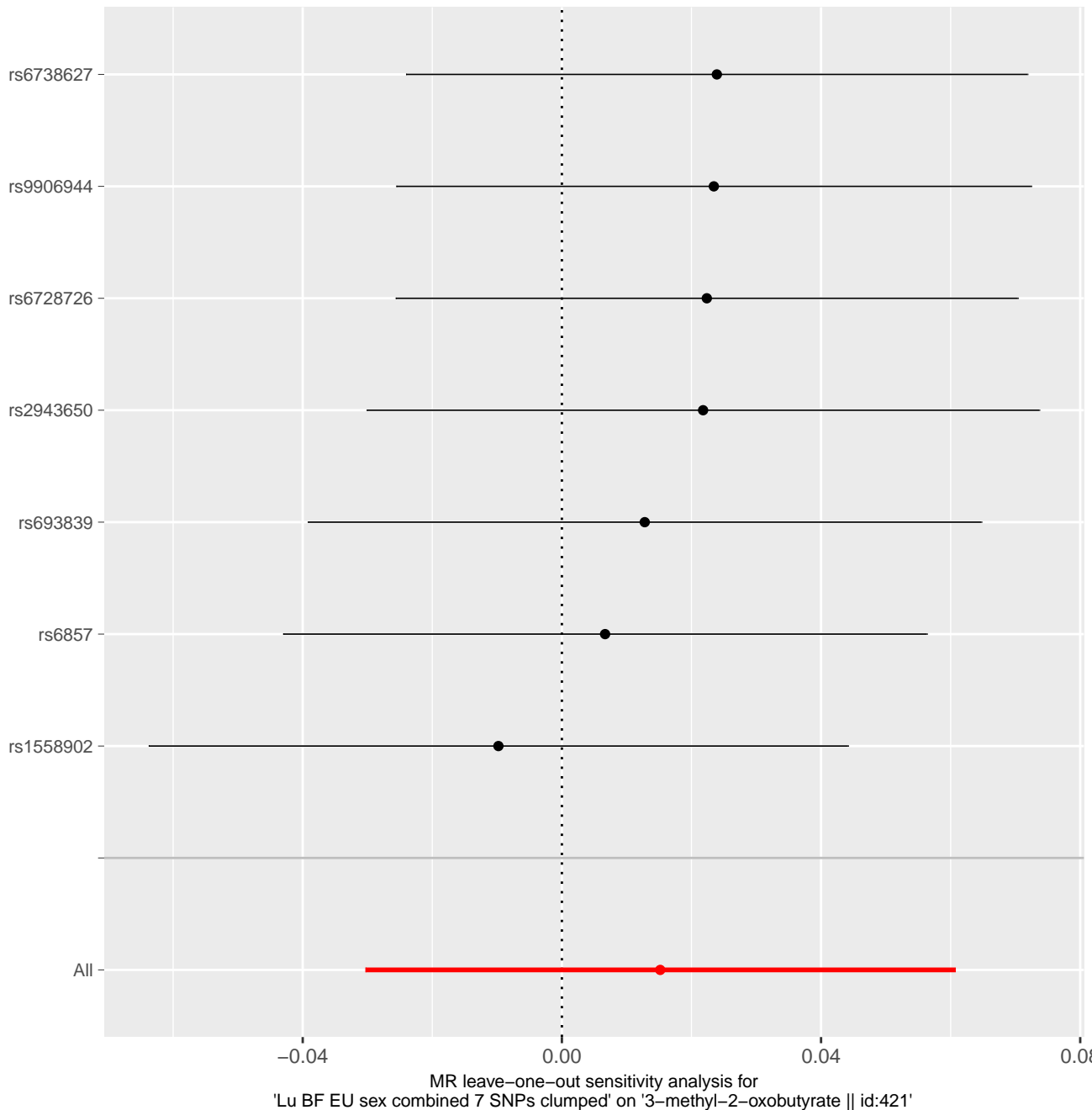
rs6728726

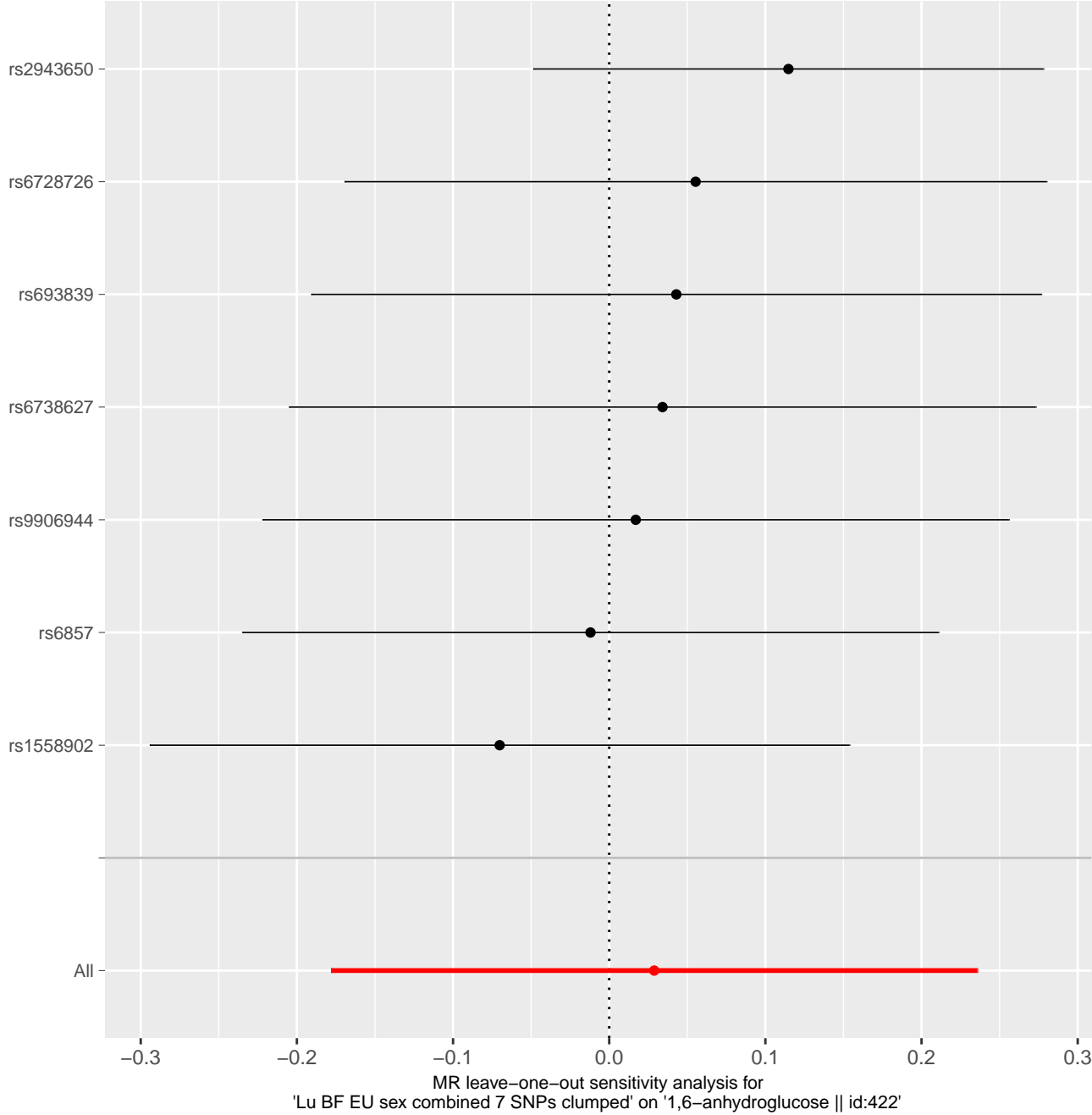
rs9906944

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '2-hydroxybutyrate (AHB) || id:420'





rs2943650

rs6738627

rs6857

rs693839

rs1558902

rs6728726

rs9906944

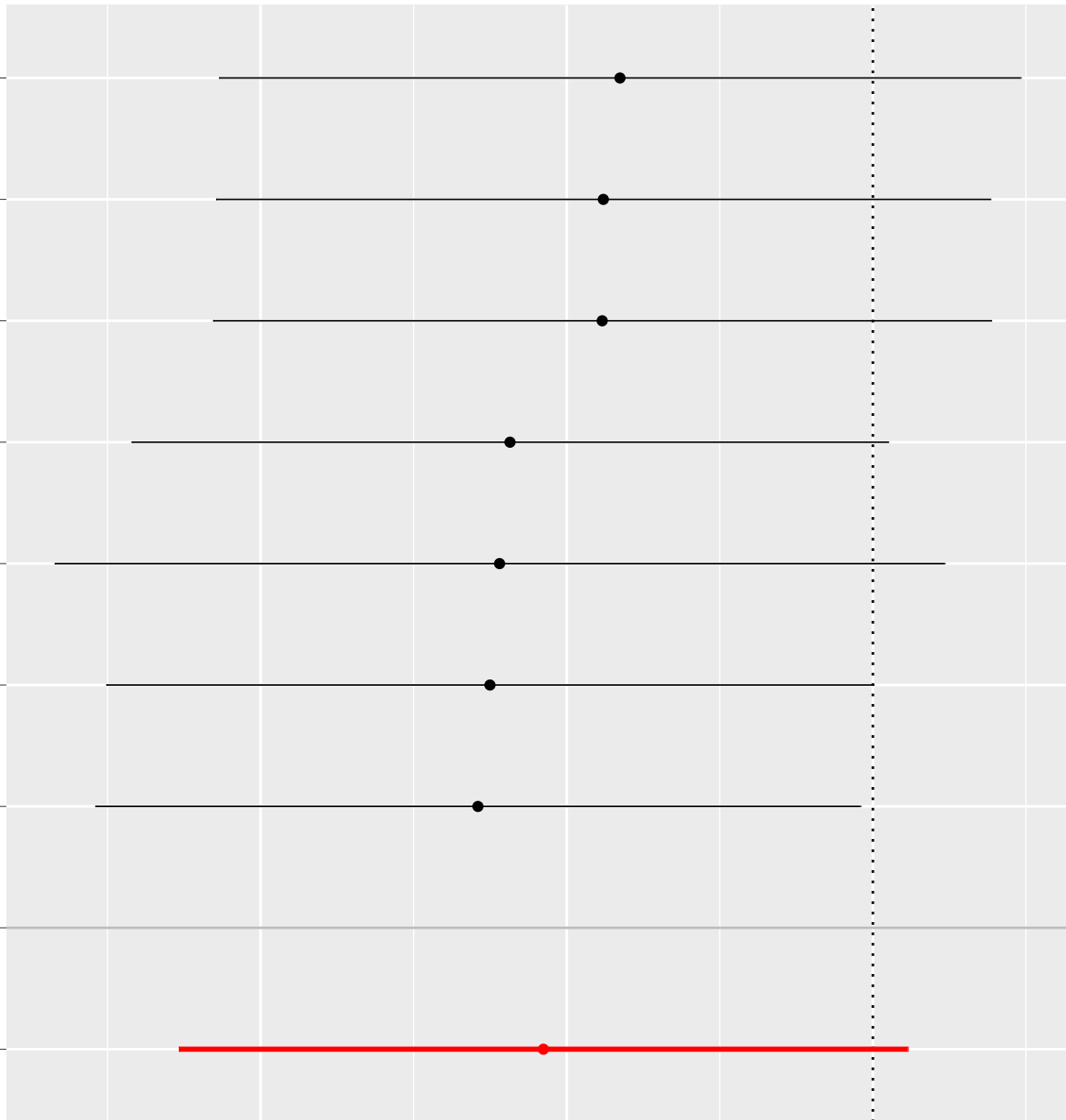
All

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-palmitoylglycerol (1-monopalmitin) || id:423'



rs6857

rs693839

rs6738627

rs2943650

rs9906944

rs6728726

rs1558902

All

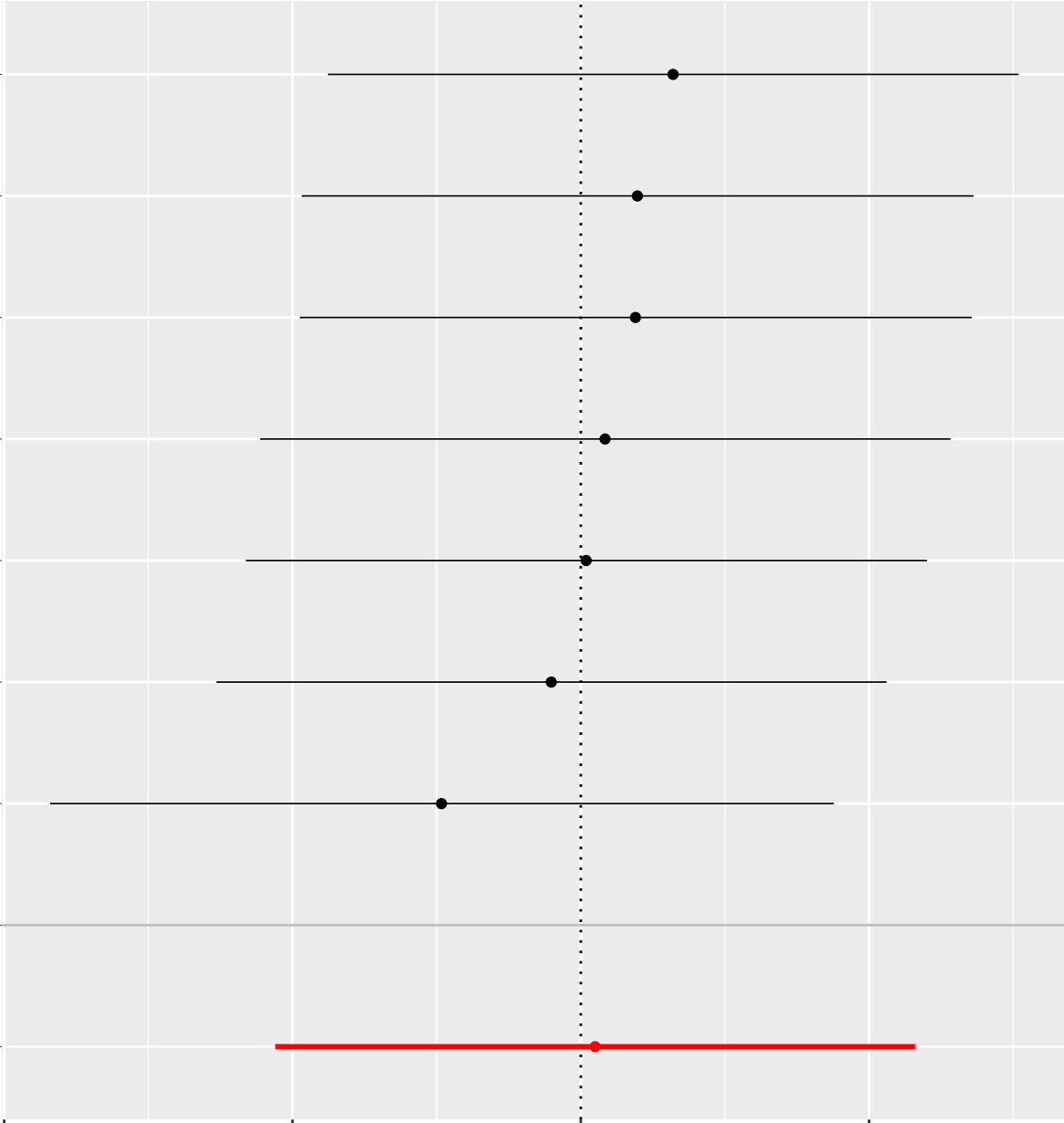
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-oleoylglycerol (1-monoolein) || id:424'



rs9906944

rs6857

rs2943650

rs6738627

rs693839

rs6728726

rs1558902

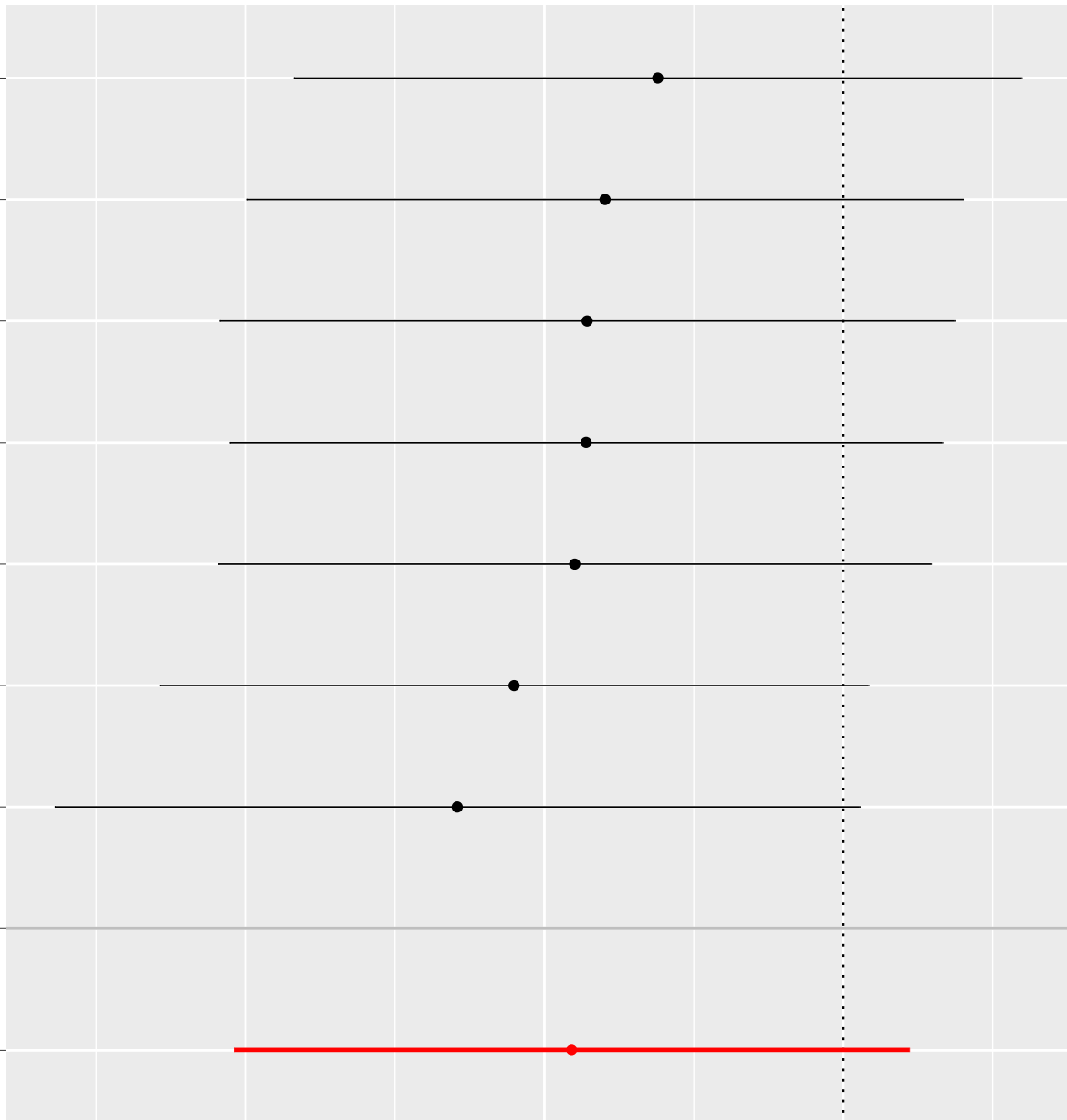
All

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-stearoylglycerol (1-monostearin) || id:425'



rs6728726

rs6738627

rs9906944

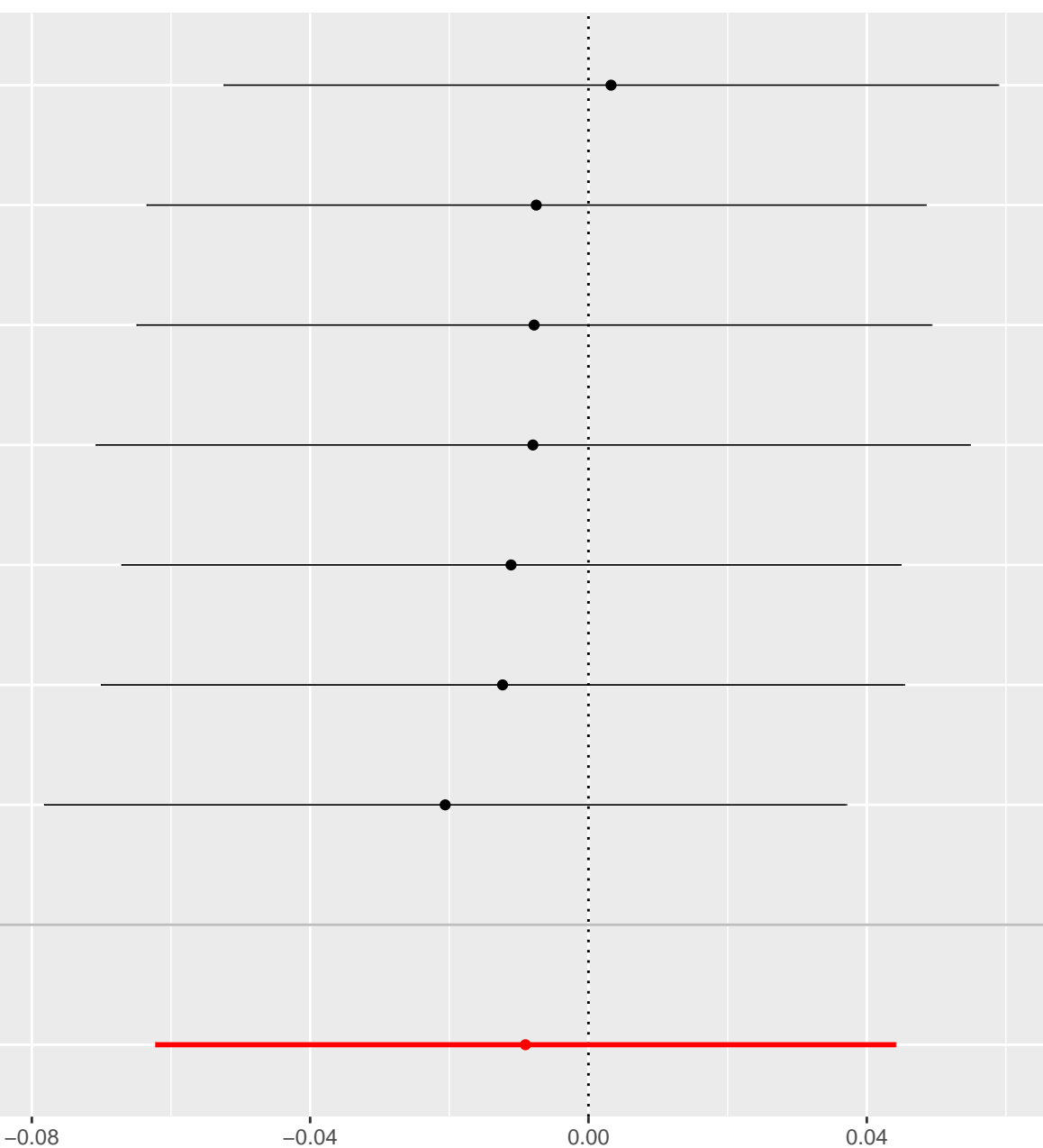
rs1558902

rs693839

rs6857

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-08402 || id:426'

rs2943650

rs9906944

rs6728726

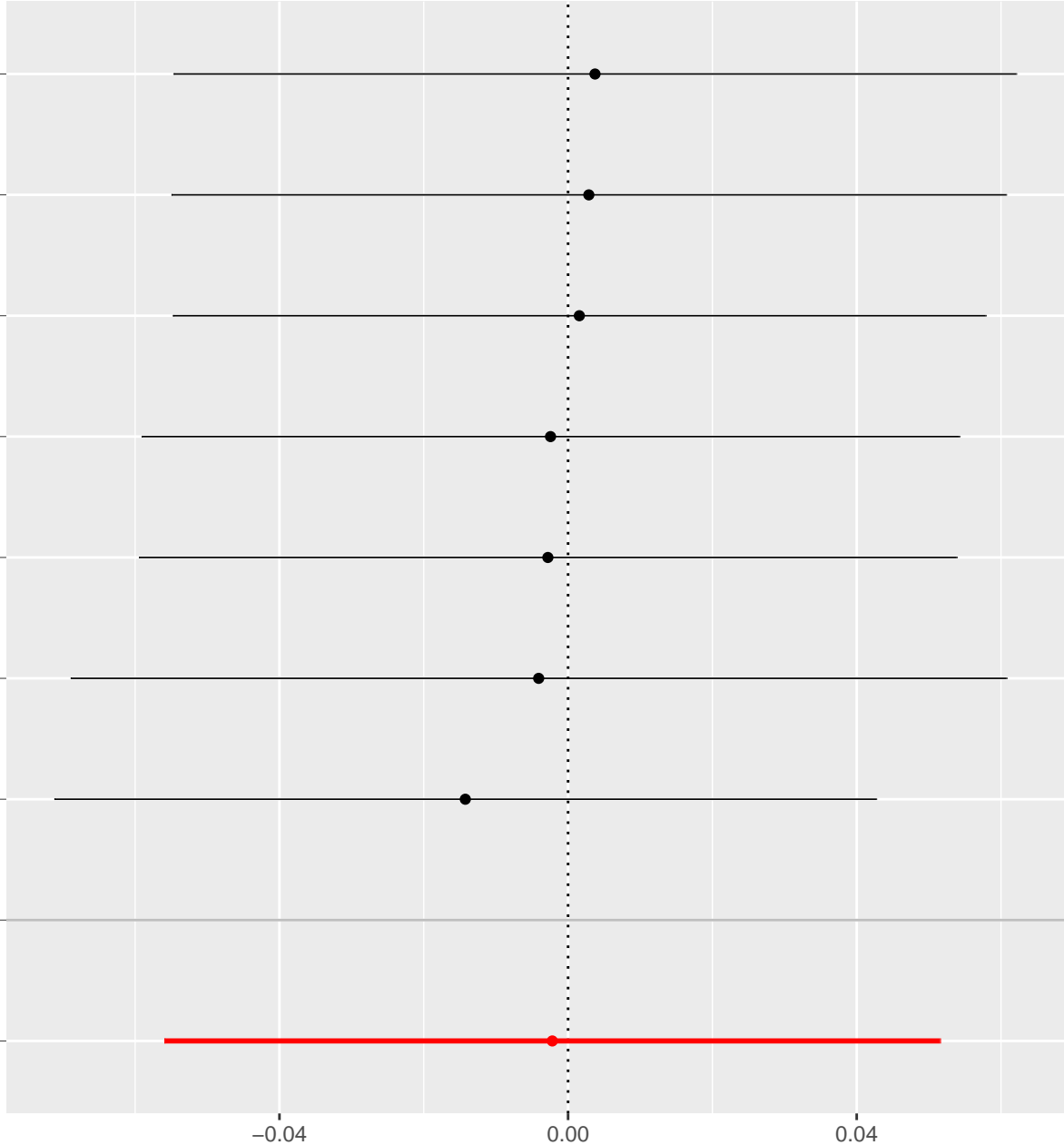
rs6738627

rs693839

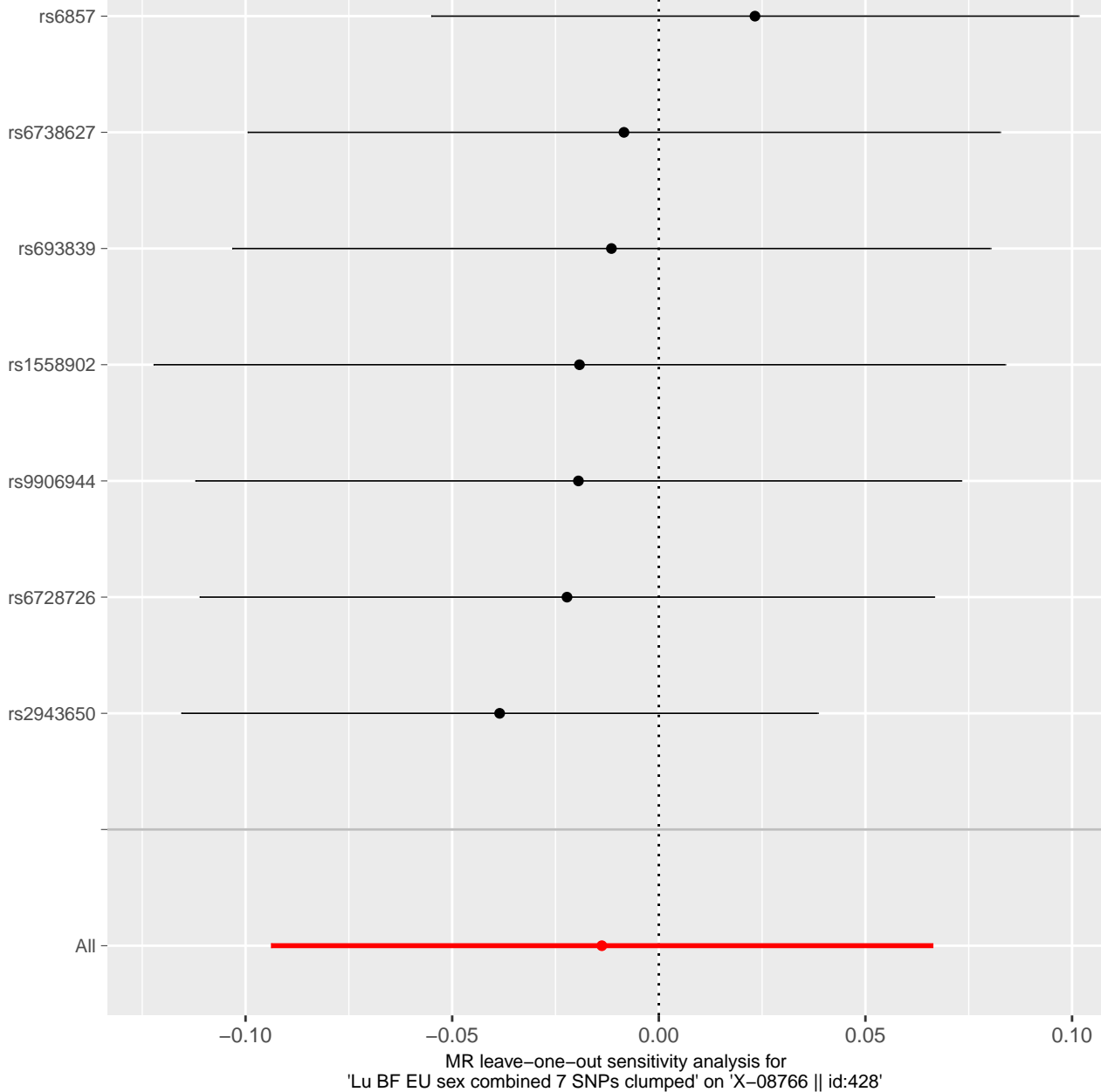
rs1558902

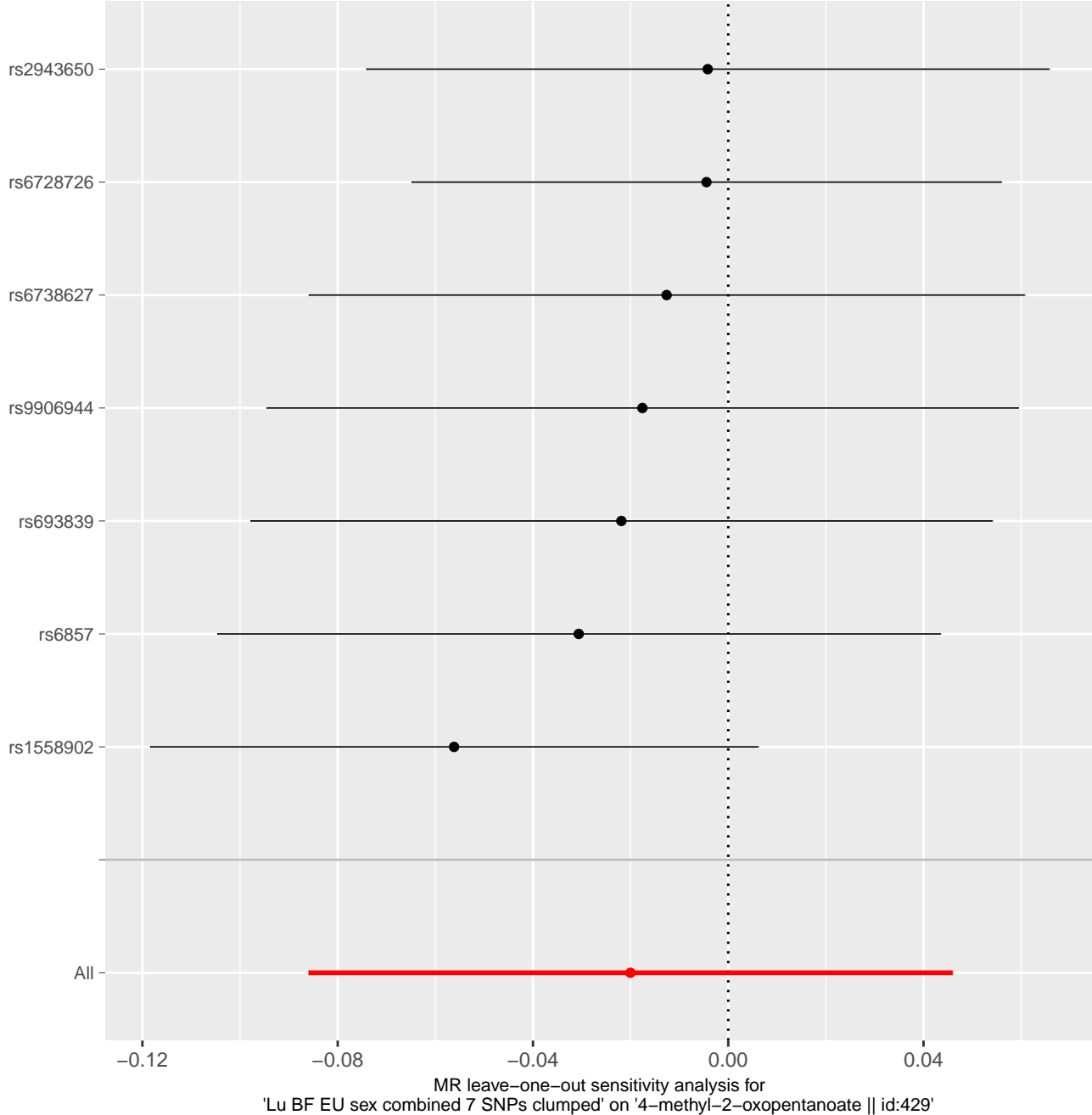
rs6857

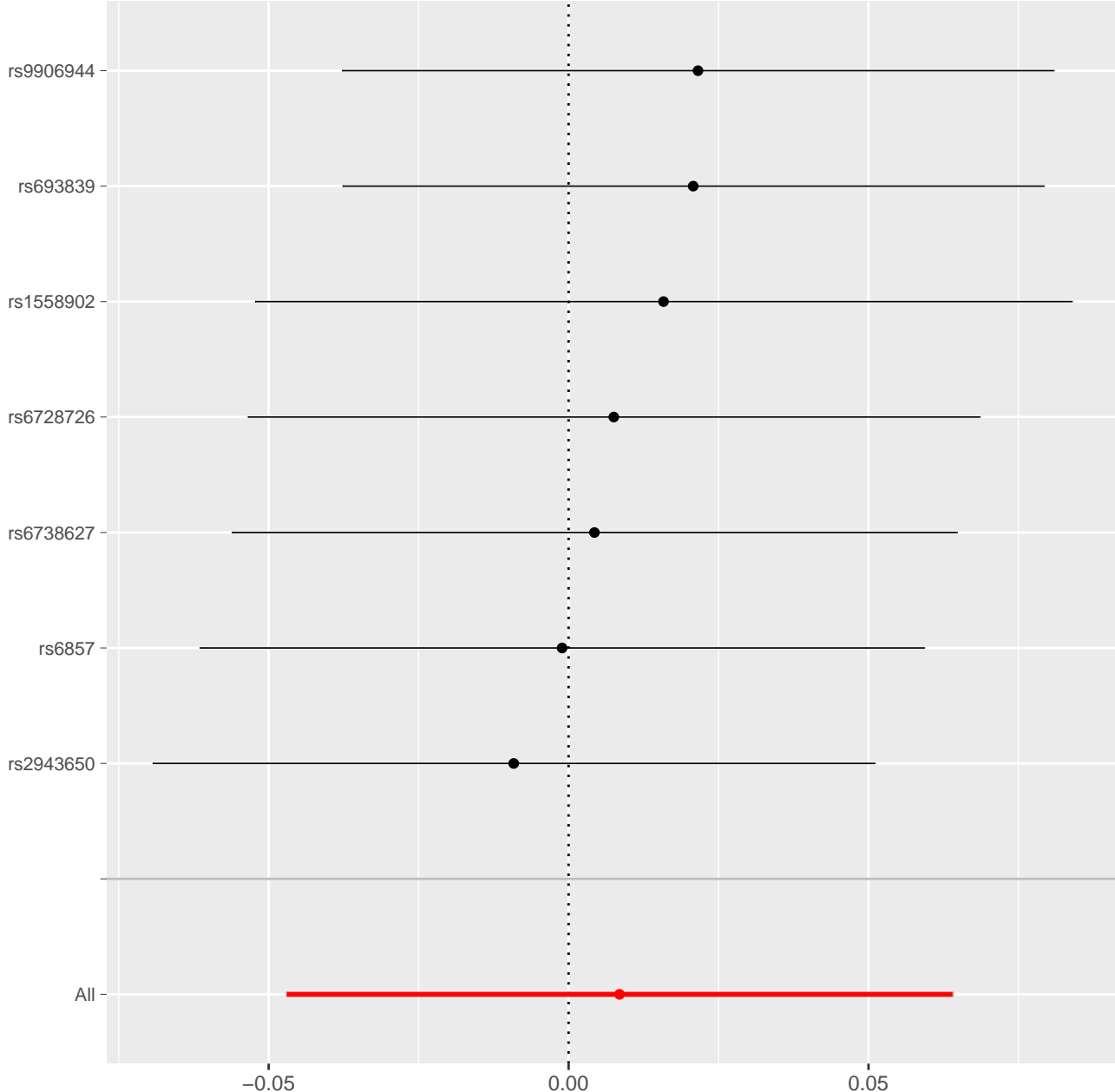
All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '2-hydroxyisobutyrate || id:427'







MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Phenyllactate (PLA) || id:430'

rs1558902



rs6857



rs693839



rs6738627



rs9906944



rs2943650



rs6728726



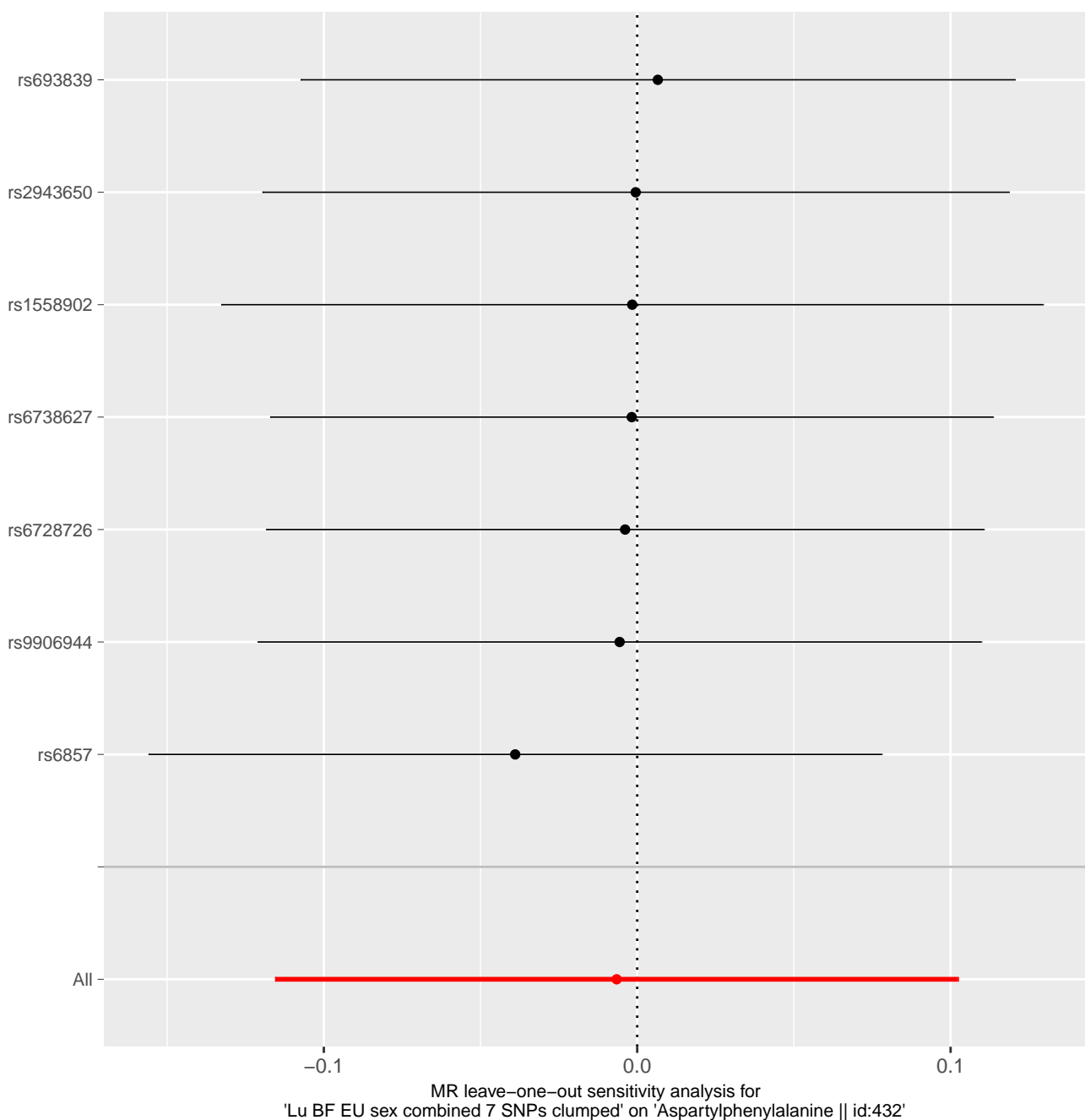
All

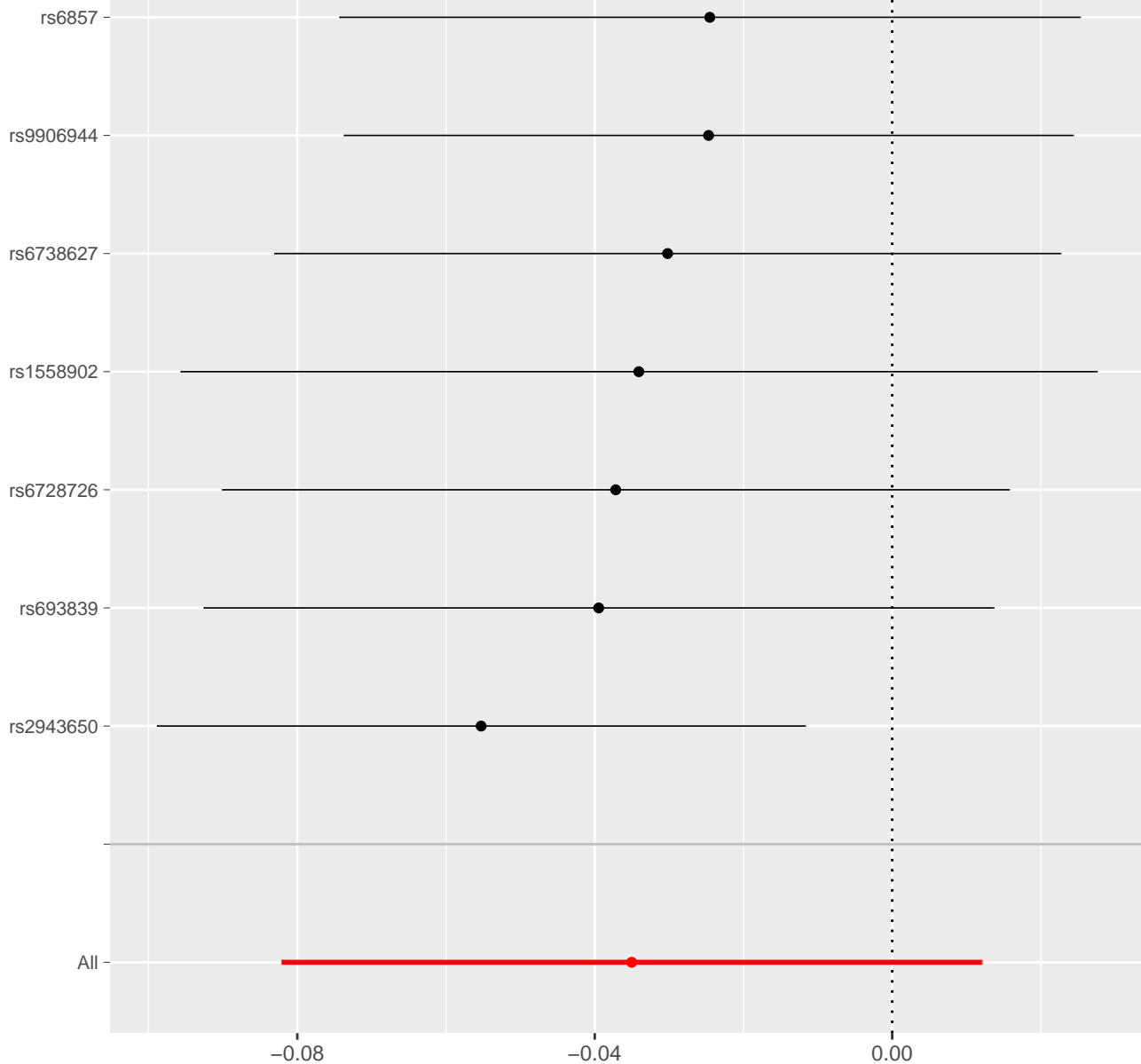


0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Homocitrulline || id:431'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Levulinate (4-oxovalerate) || id:433'

rs1558902

rs6857

rs6738627

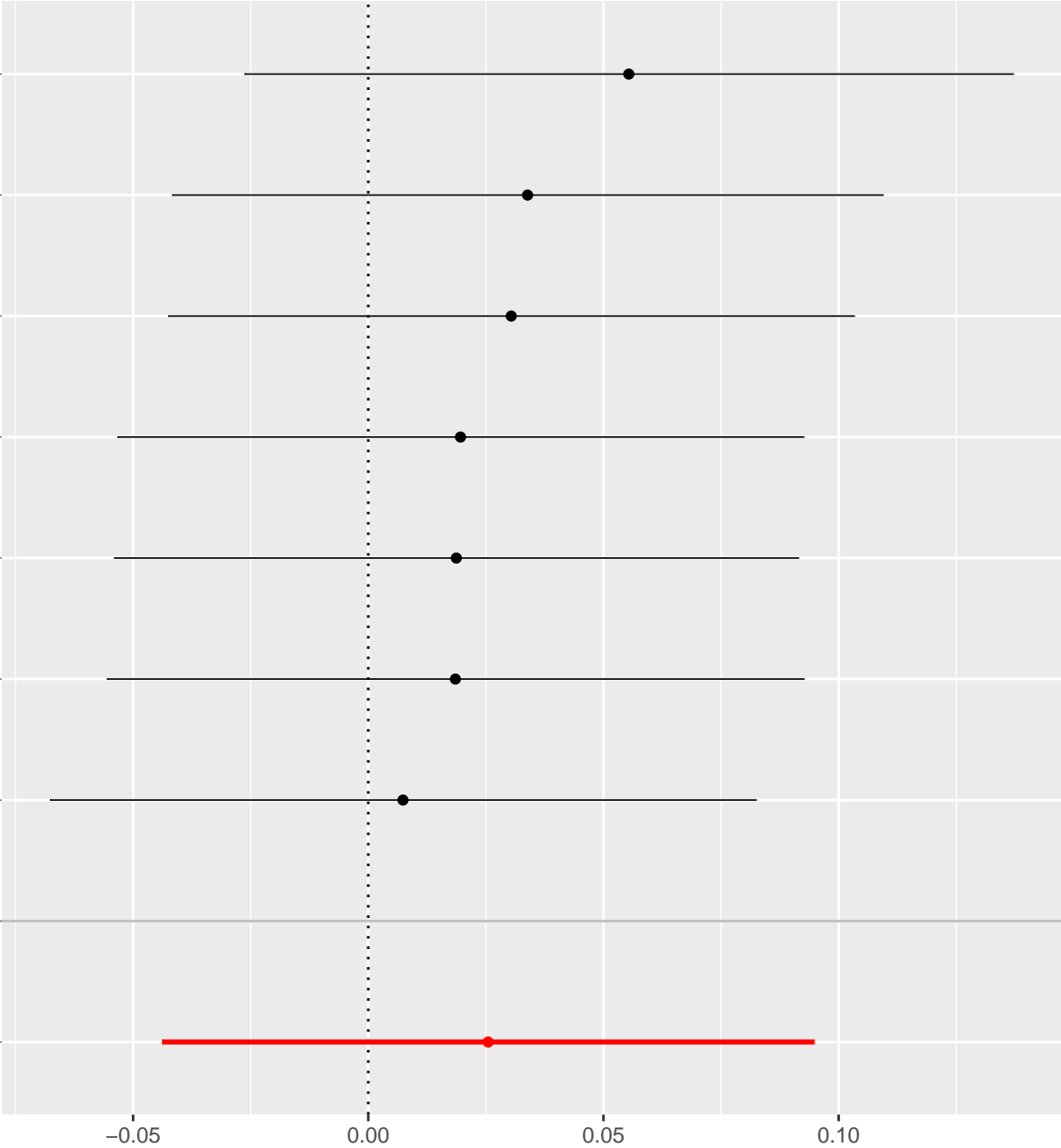
rs693839

rs6728726

rs9906944

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Palmitoylcarnitine || id:434'

rs6728726

rs1558902

rs2943650

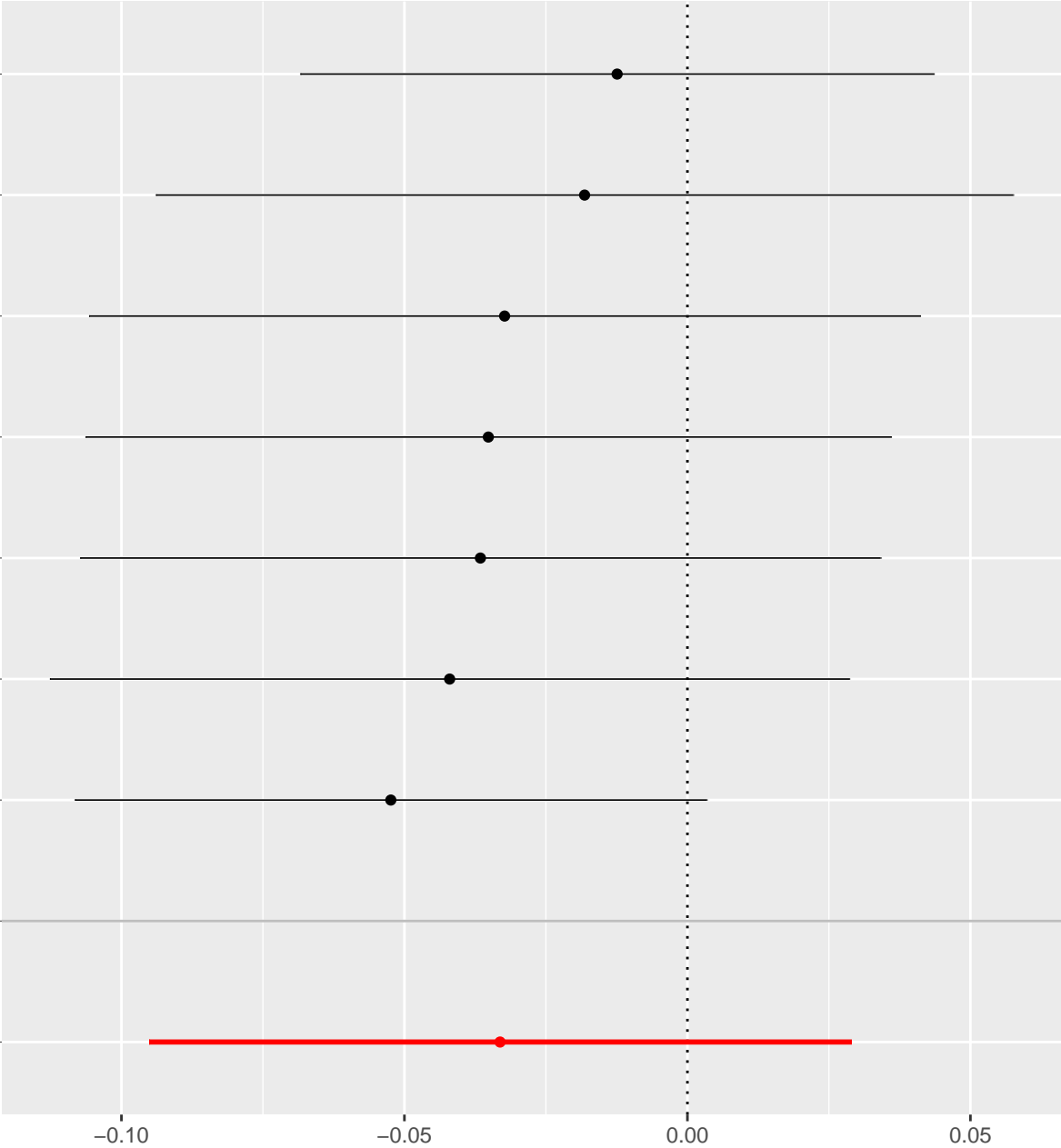
rs6738627

rs693839

rs6857

rs9906944

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-08988 || id:435'

rs6738627

rs2943650

rs9906944

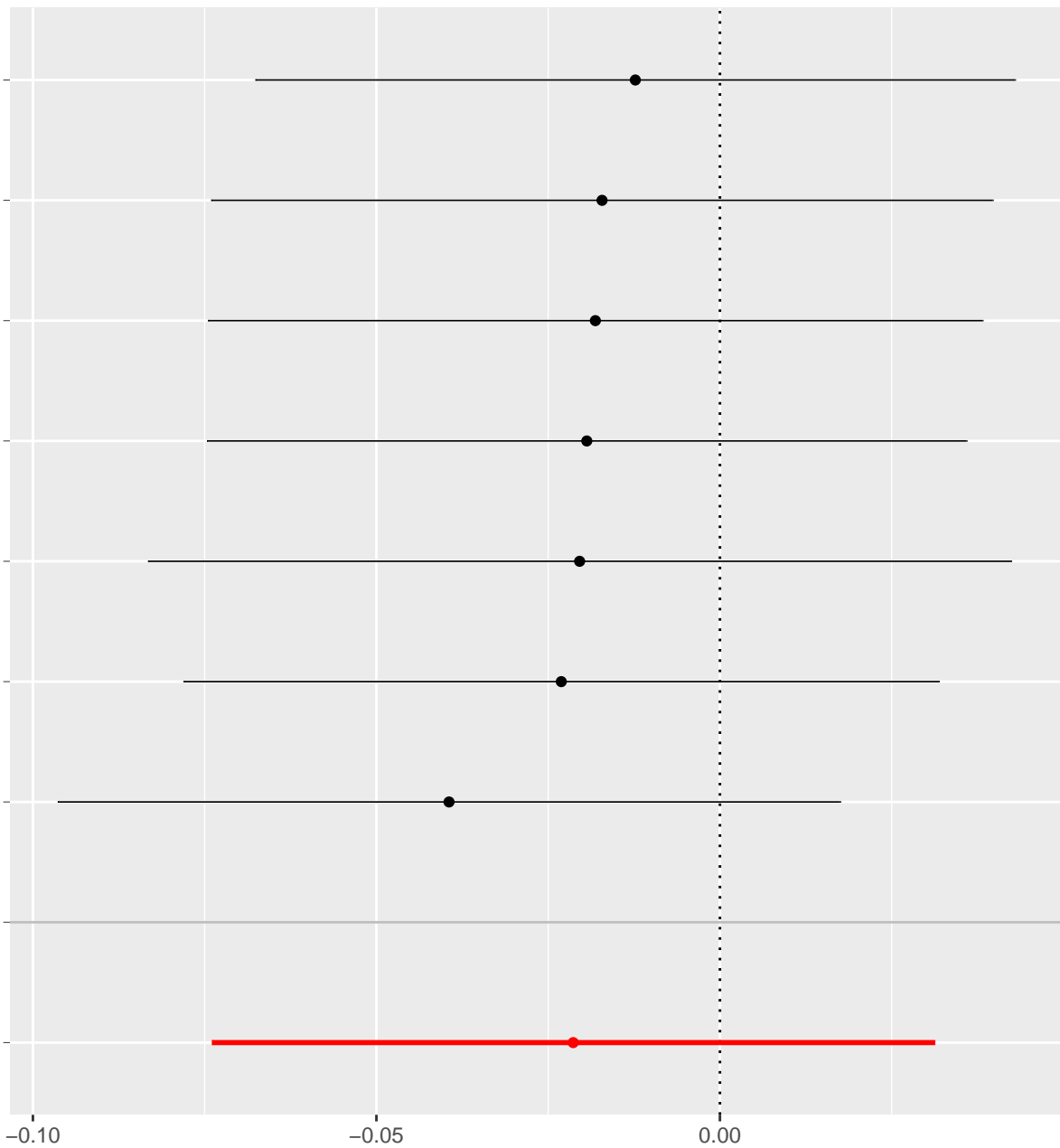
rs693839

rs1558902

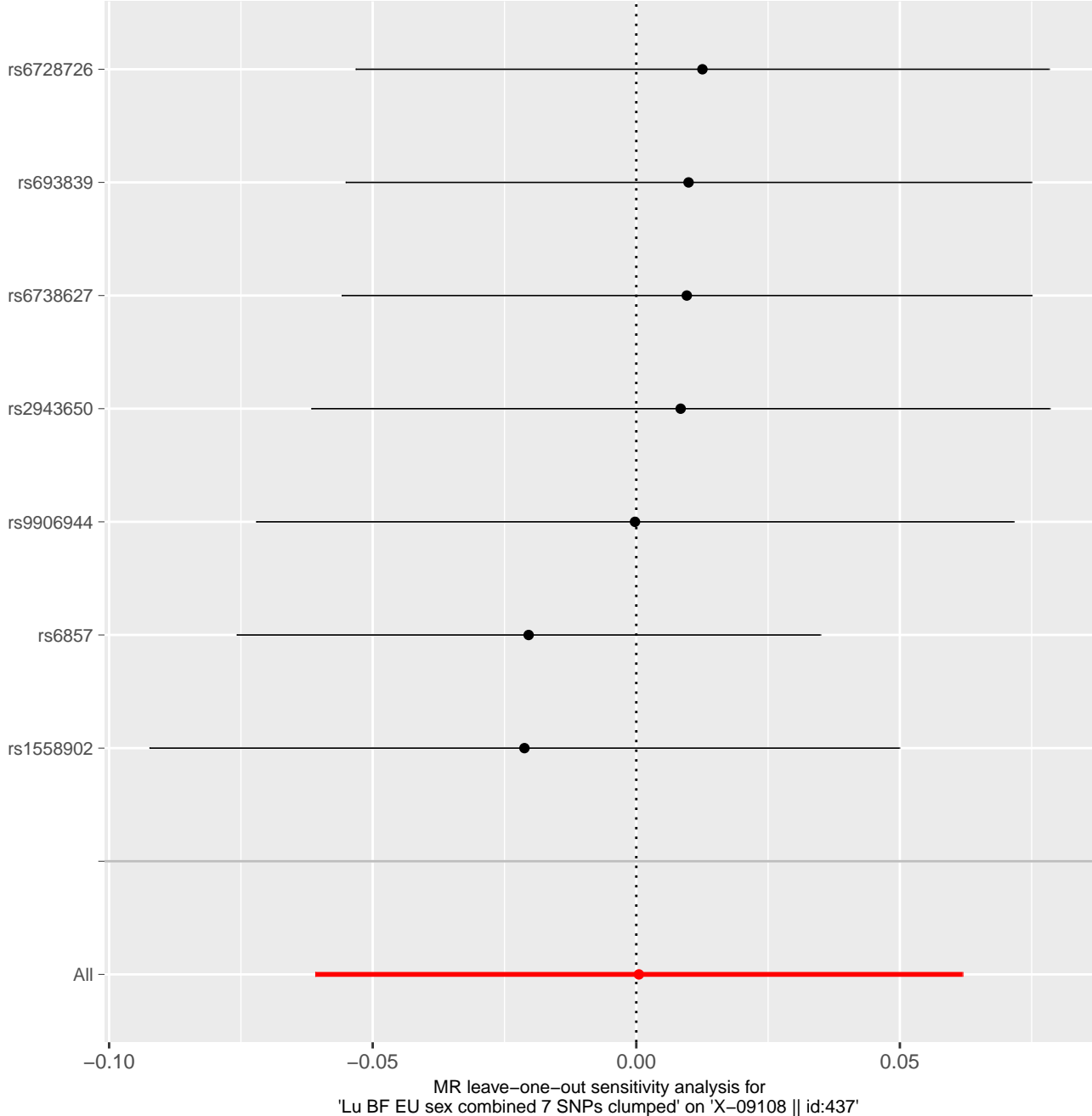
rs6728726

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-09026 || id:436'



rs2943650

rs6857

rs6738627

rs693839

rs1558902

rs6728726

rs9906944

All

-0.2

-0.1

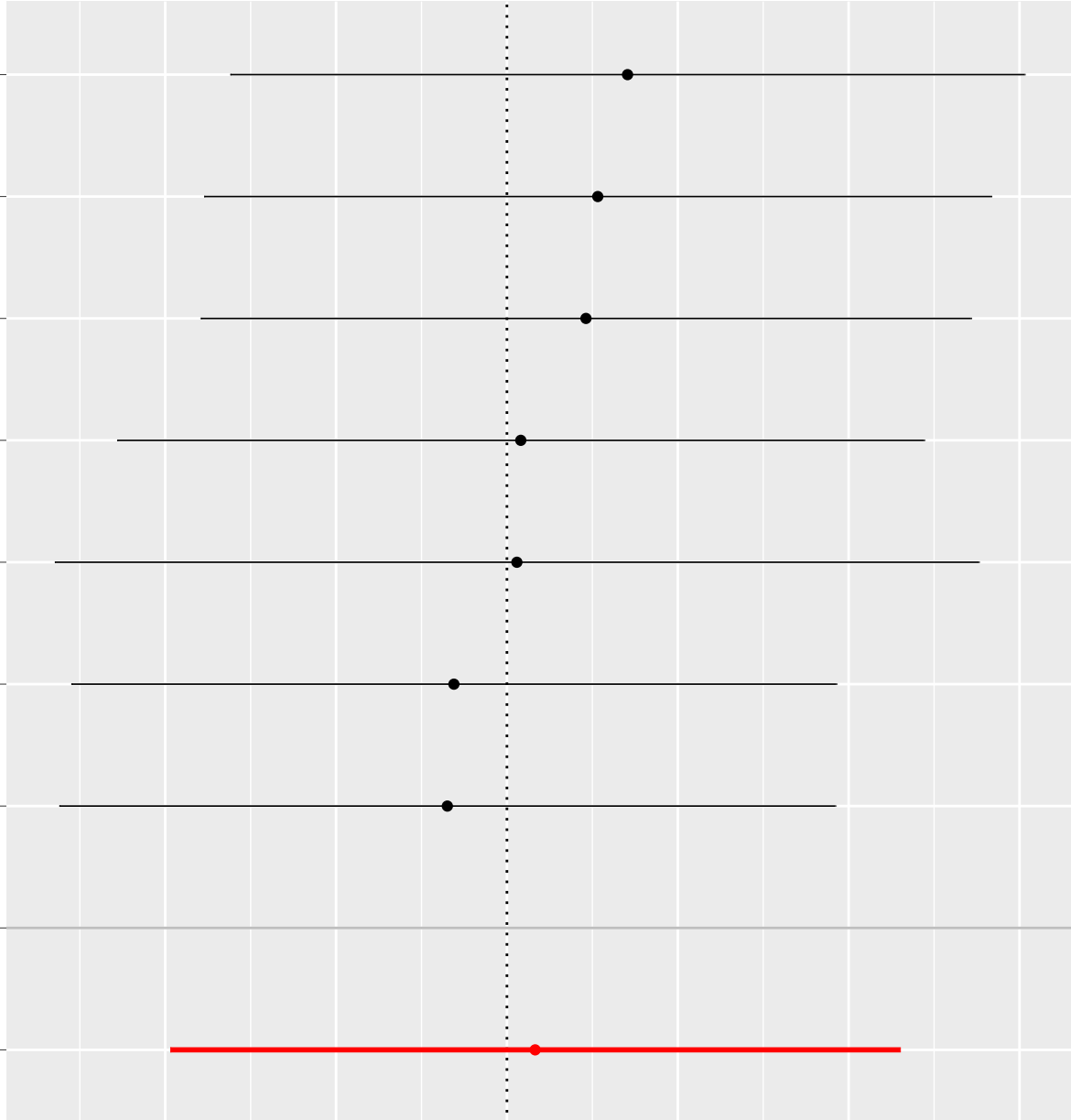
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0.1

0.2

0.3

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Cholate || id:438'



rs2943650

rs1558902

rs6728726

rs693839

rs6738627

rs9906944

rs6857

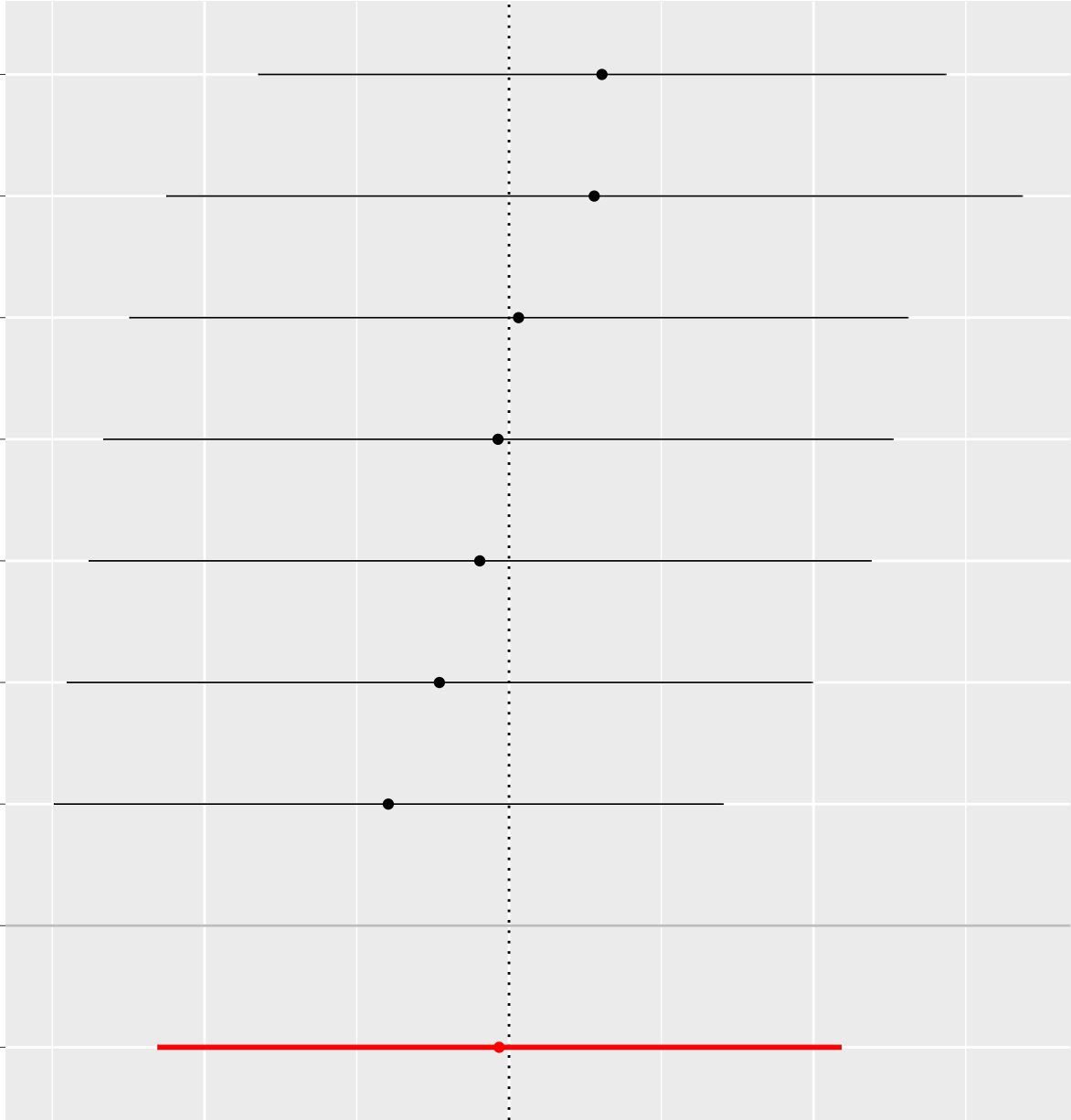
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-09706 || id:439'



rs1558902

rs2943650

rs9906944

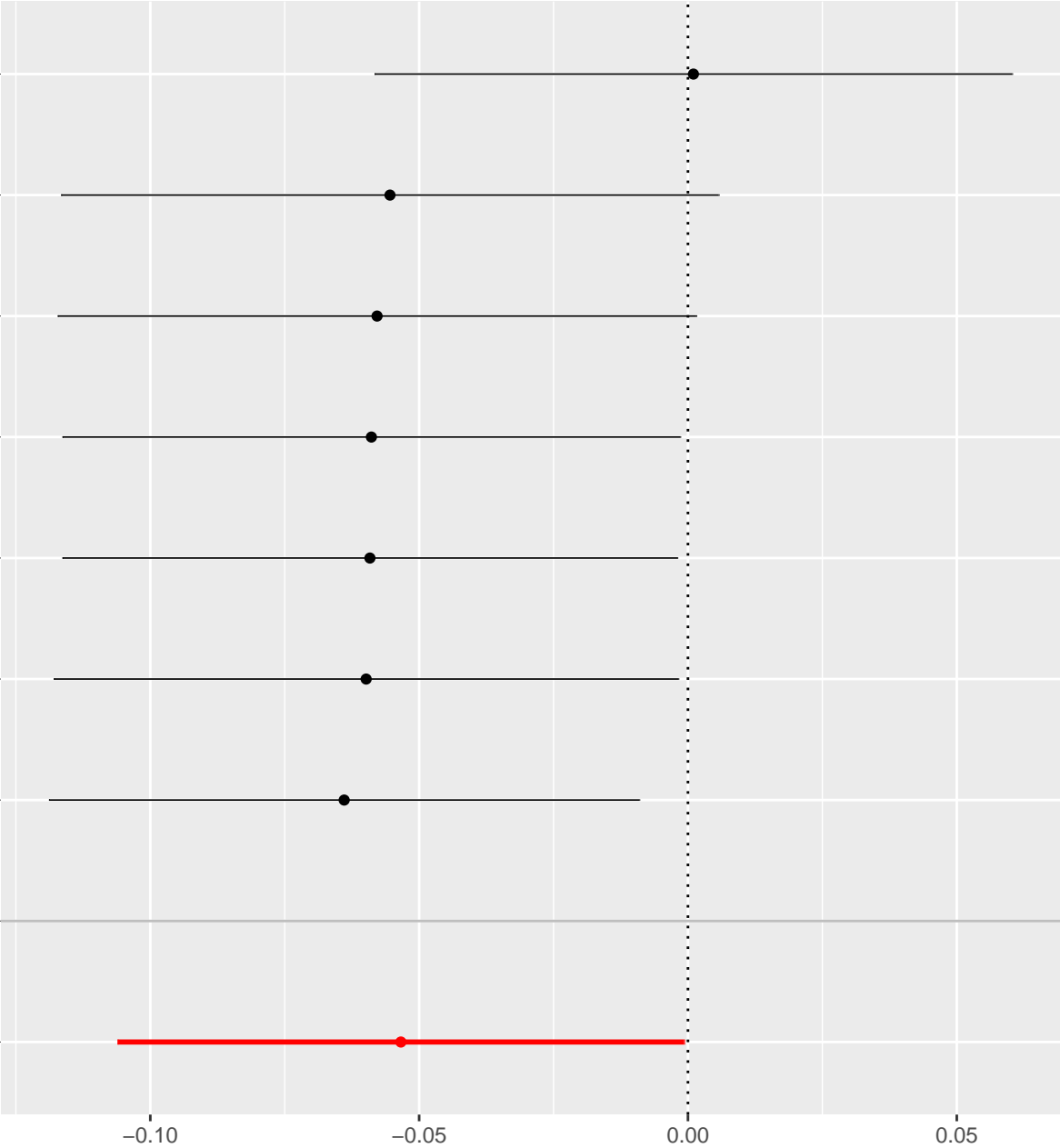
rs693839

rs6738627

rs6728726

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-10395 || id:440'

rs1558902

rs6857

rs6738627

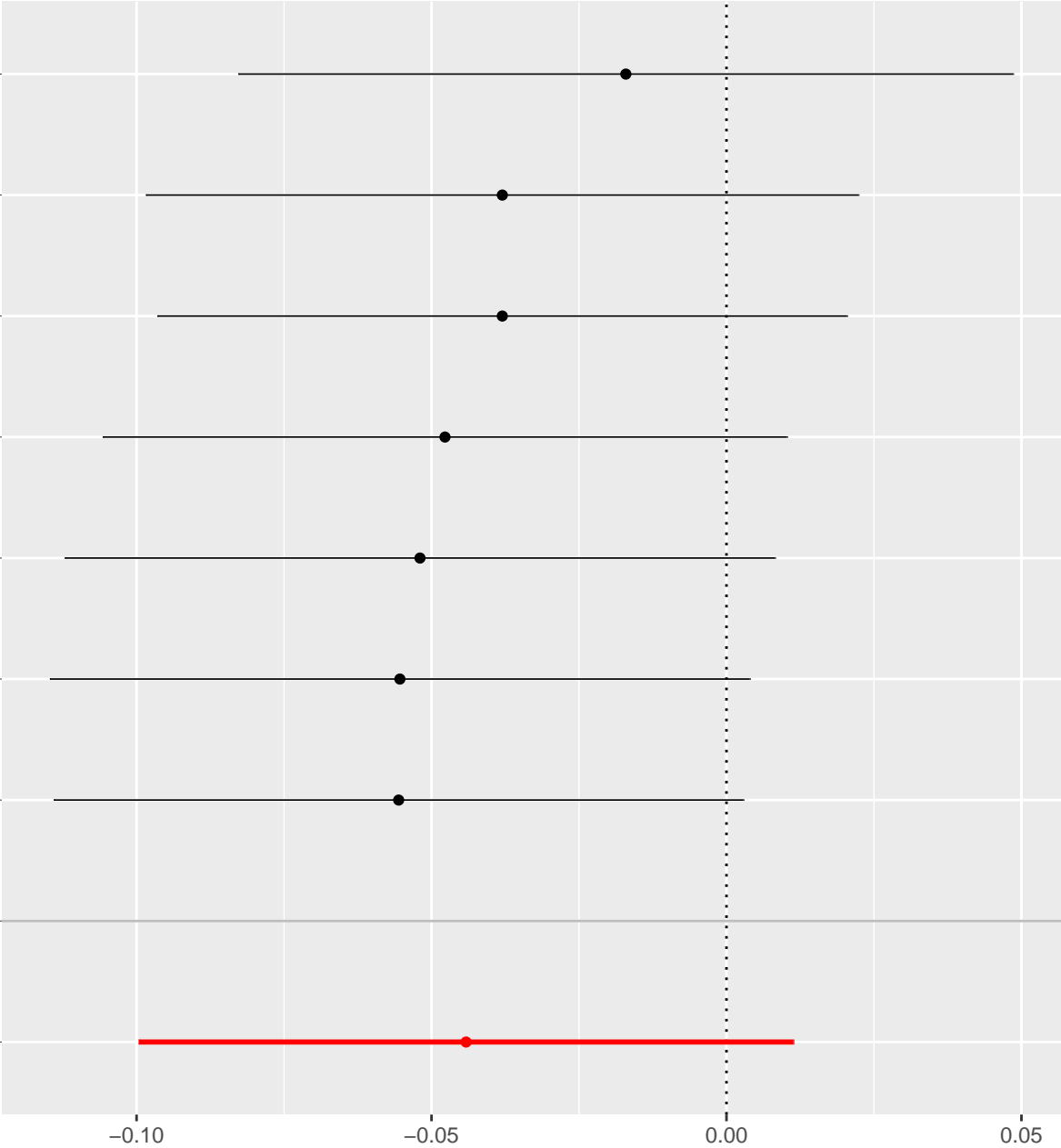
rs6728726

rs2943650

rs9906944

rs693839

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-10429 || id:441'

rs6728726

rs693839

rs6857

rs9906944

rs6738627

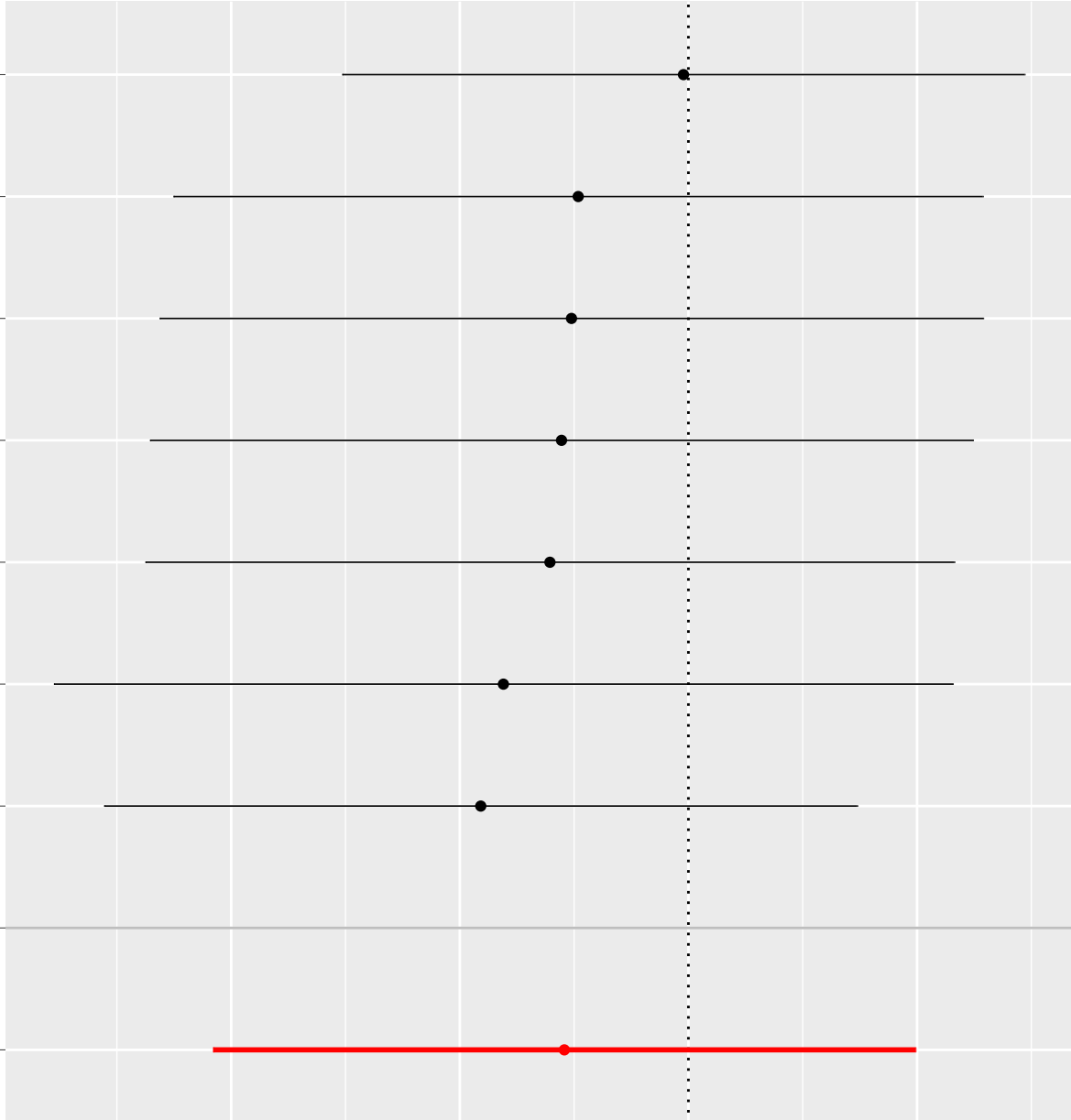
rs1558902

rs2943650

All

-0.050 -0.025 0.000 0.025

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-10500 || id:442'



rs6728726

rs693839

rs2943650

rs6738627

rs6857

rs9906944

rs1558902

All

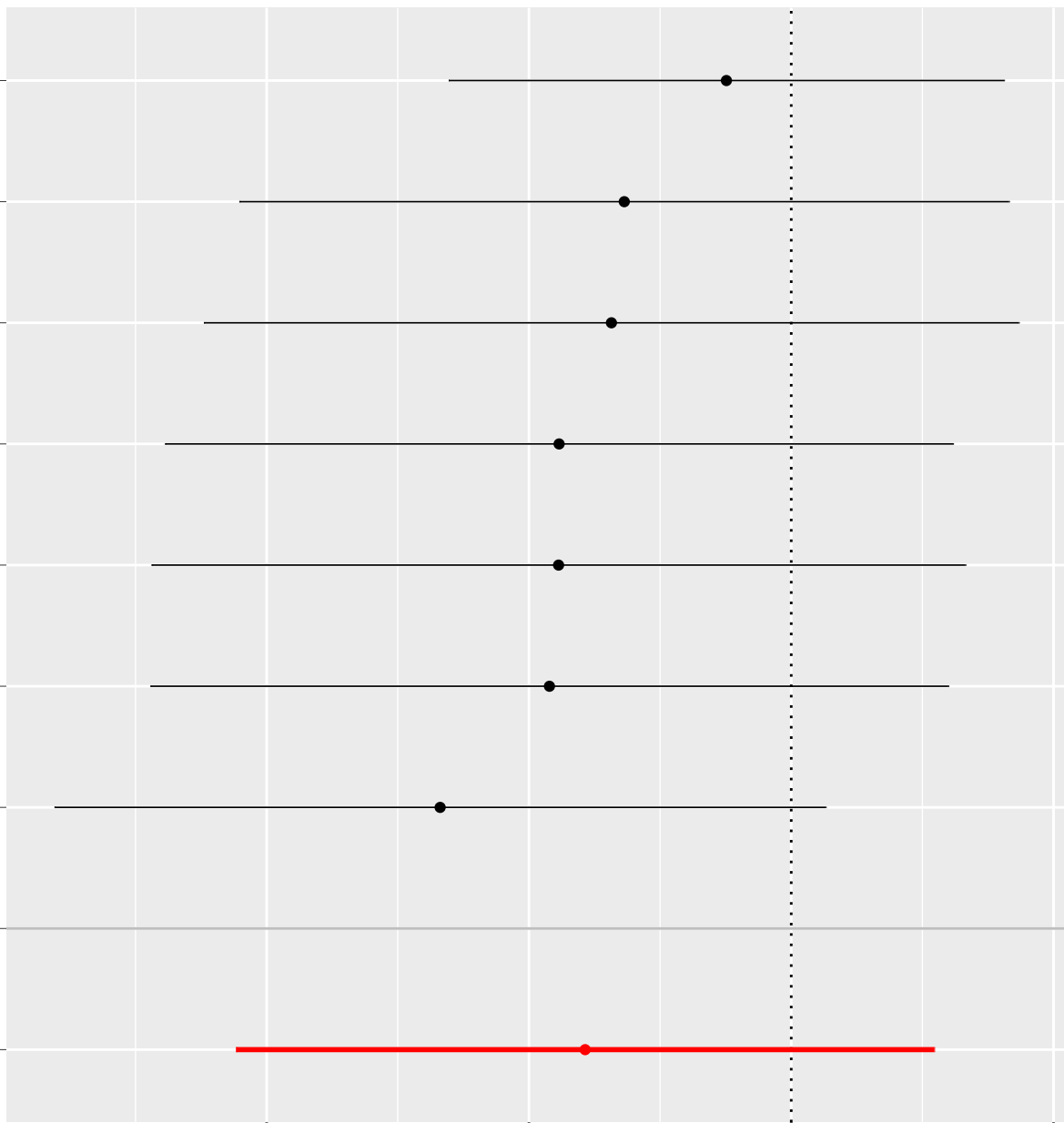
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-10506 || id:443'



rs6728726

rs6857

rs1558902

rs6738627

rs693839

rs2943650

rs9906944

All

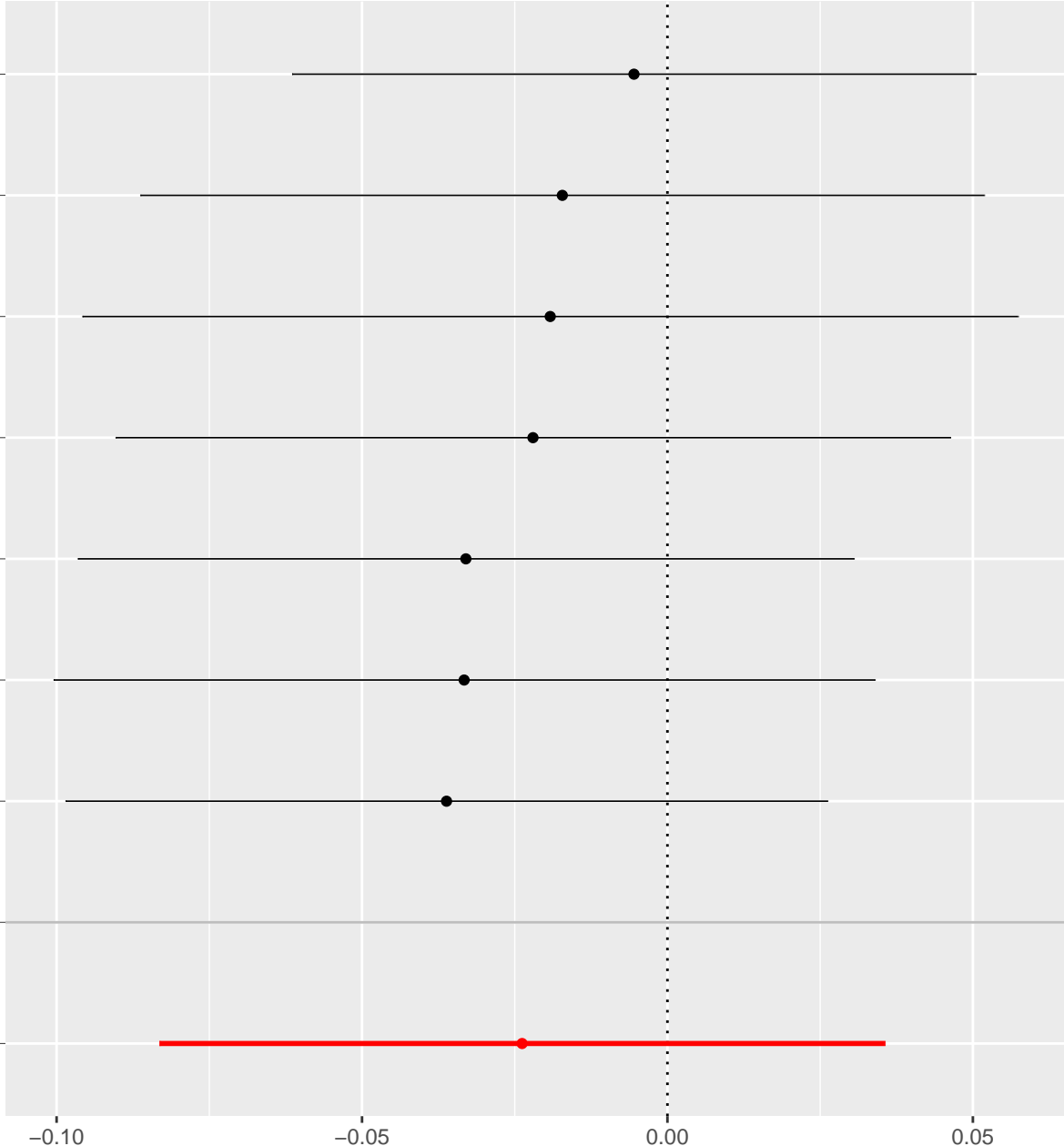
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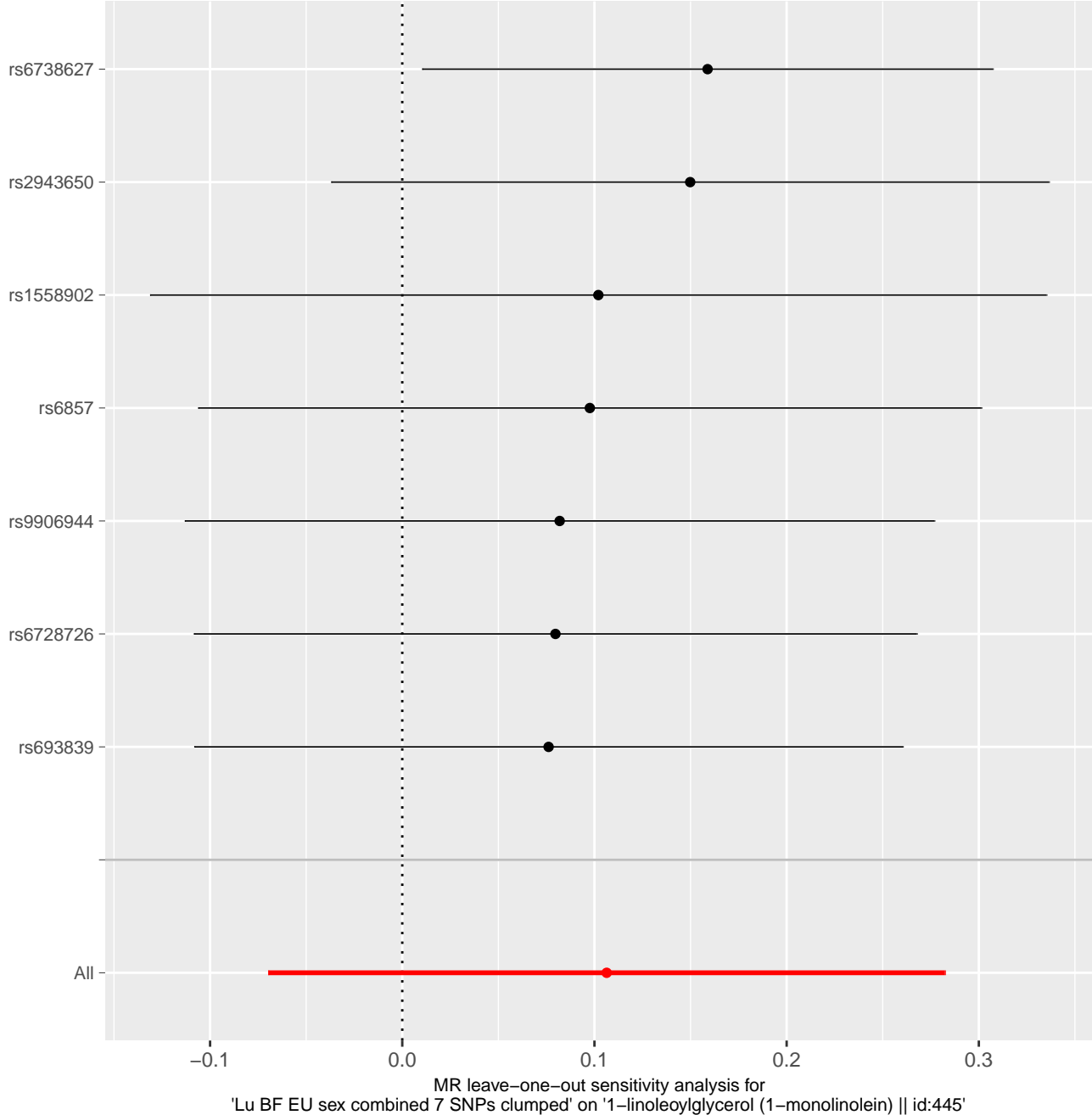
-0.05

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0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-10510 || id:444'





rs1558902

rs693839

rs6738627

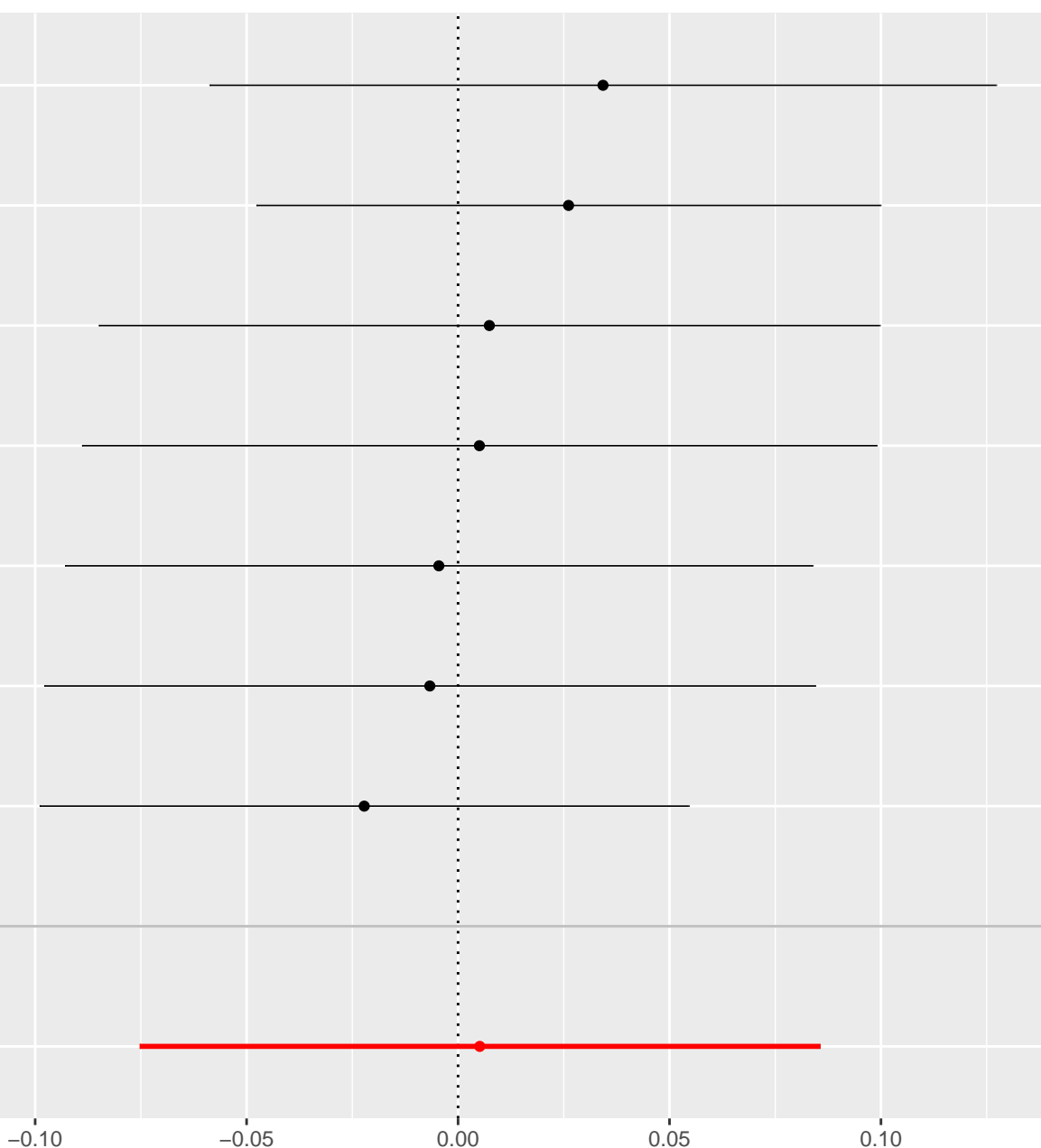
rs9906944

rs6728726

rs2943650

rs6857

All



rs6728726

rs6857

rs693839

rs2943650

rs9906944

rs6738627

rs1558902

All

-0.3

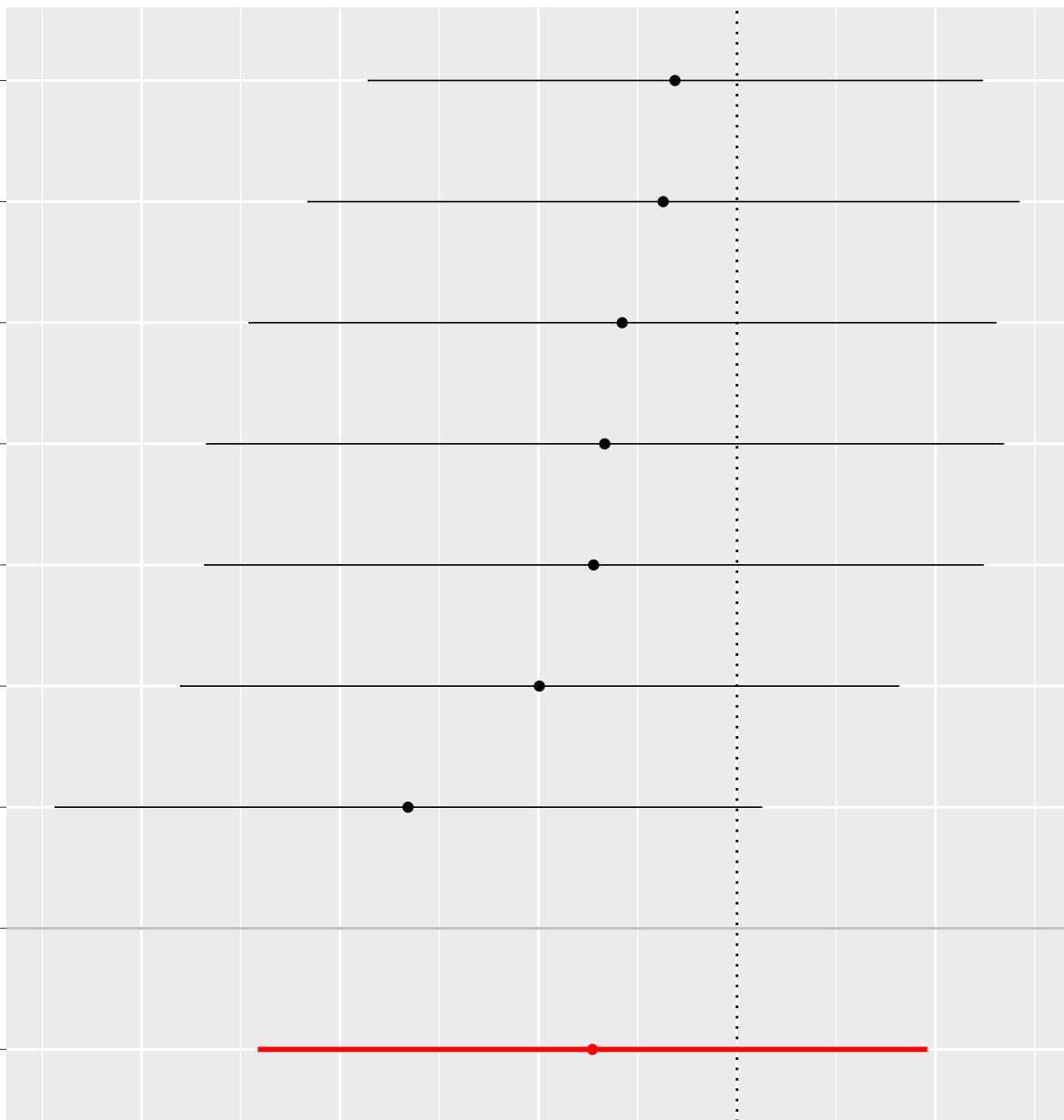
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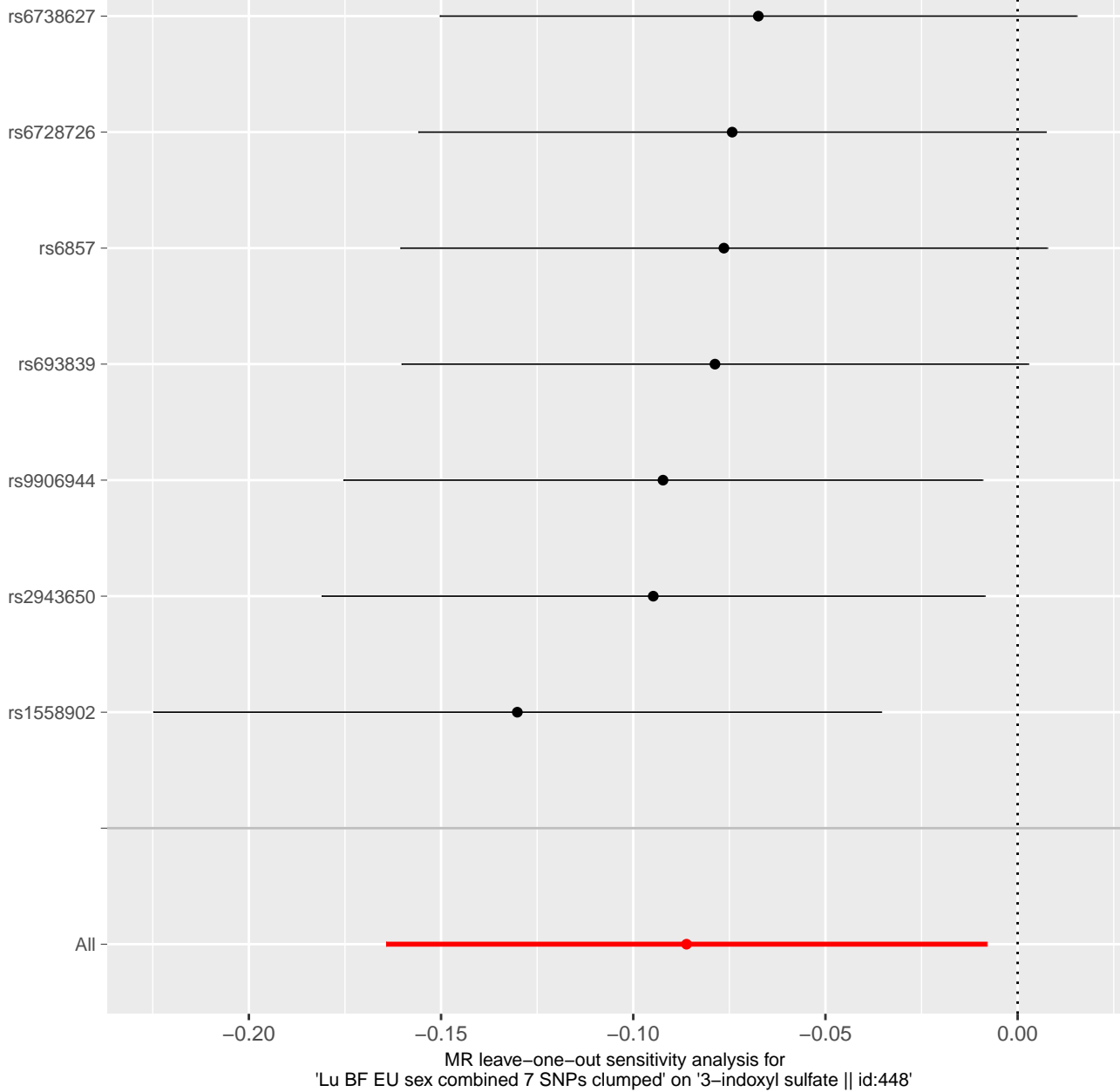
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Hydoexocholate || id:447'





rs1558902

rs6728726

rs6857

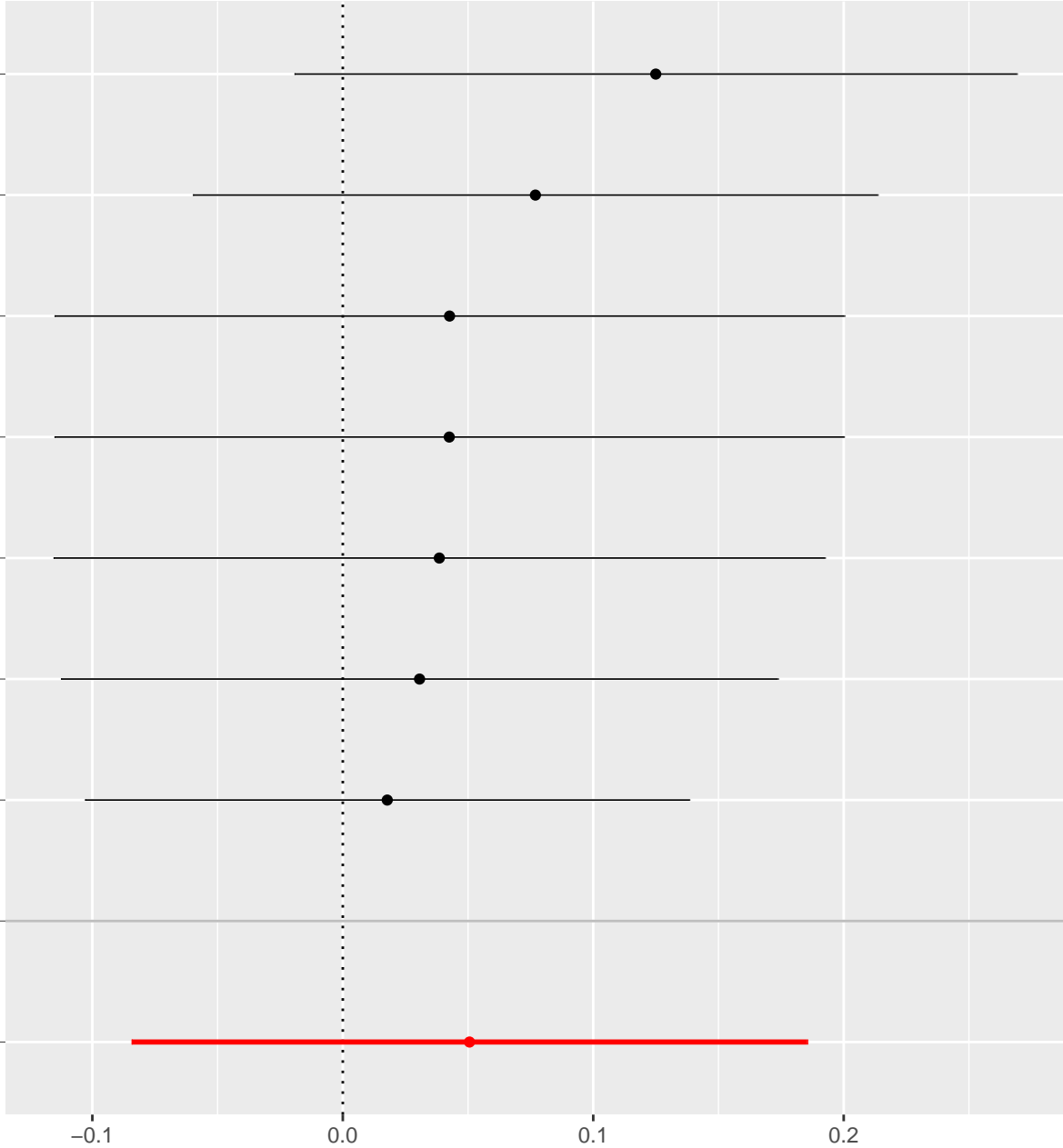
rs2943650

rs9906944

rs6738627

rs693839

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'N-acetylglycine || id:449'

rs1558902

rs6857

rs6738627

rs6728726

rs9906944

rs693839

rs2943650

All

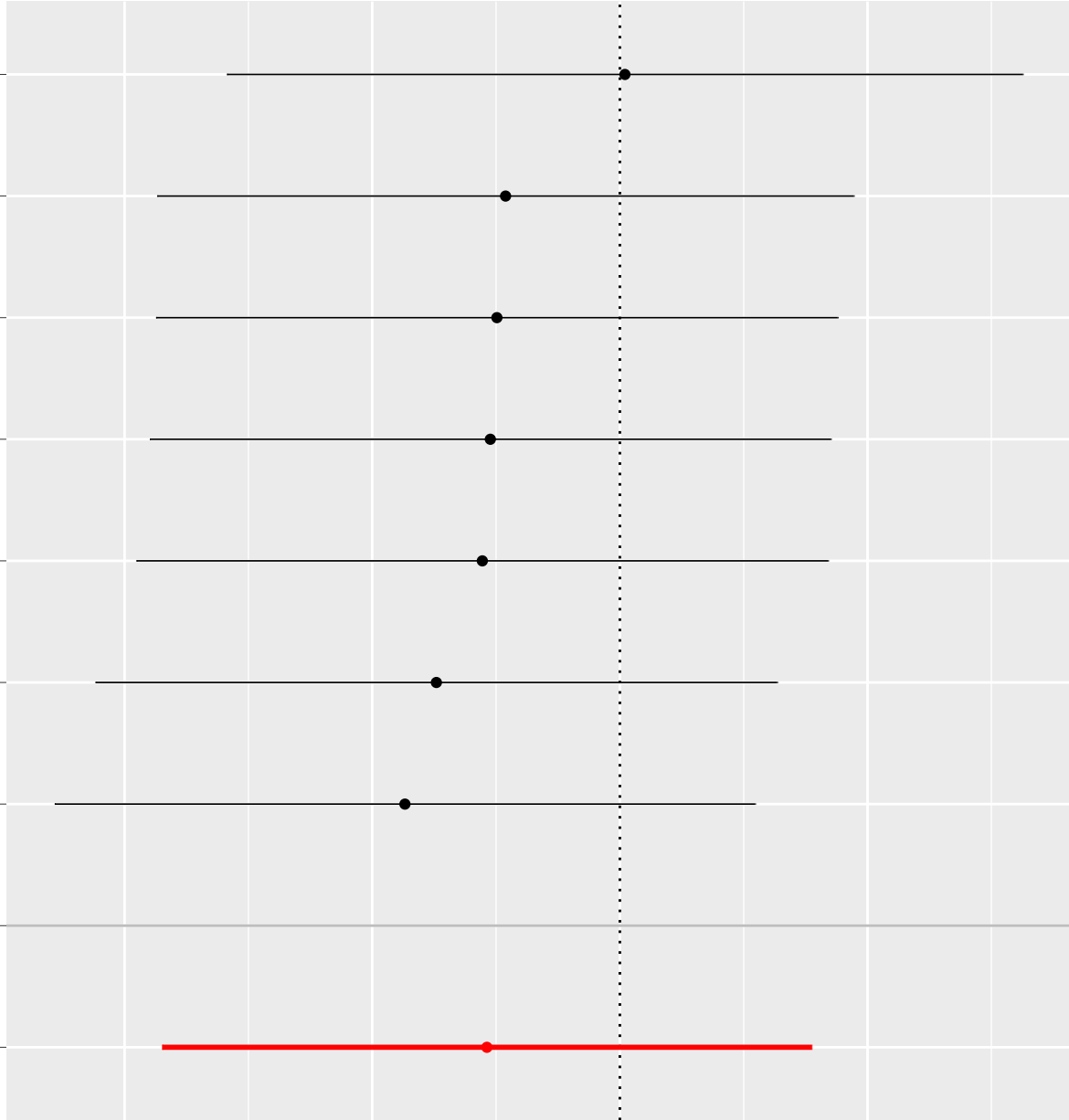
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Bilirubin (Z,Z) || id:450'



rs2943650

rs6728726

rs9906944

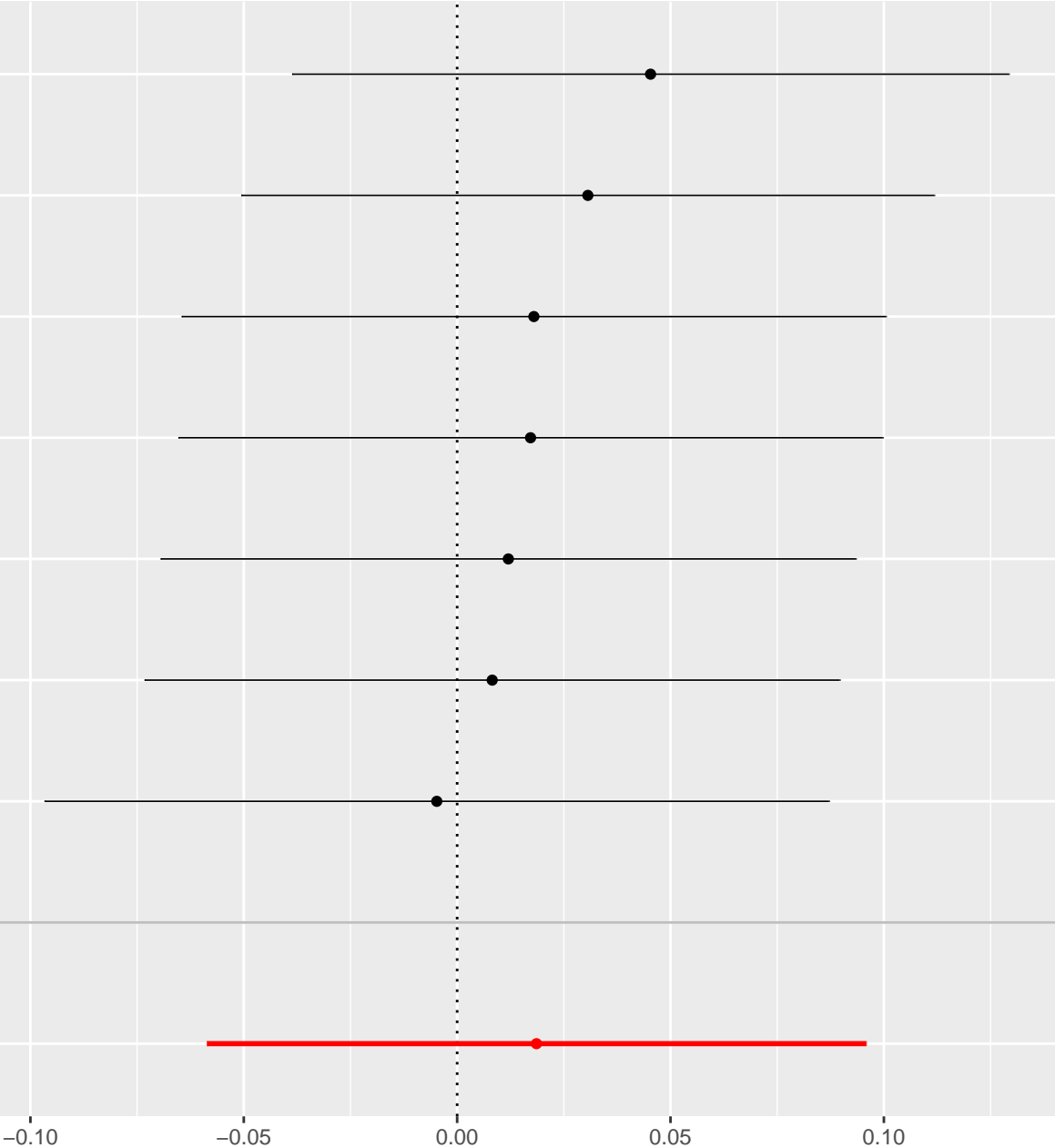
rs6857

rs693839

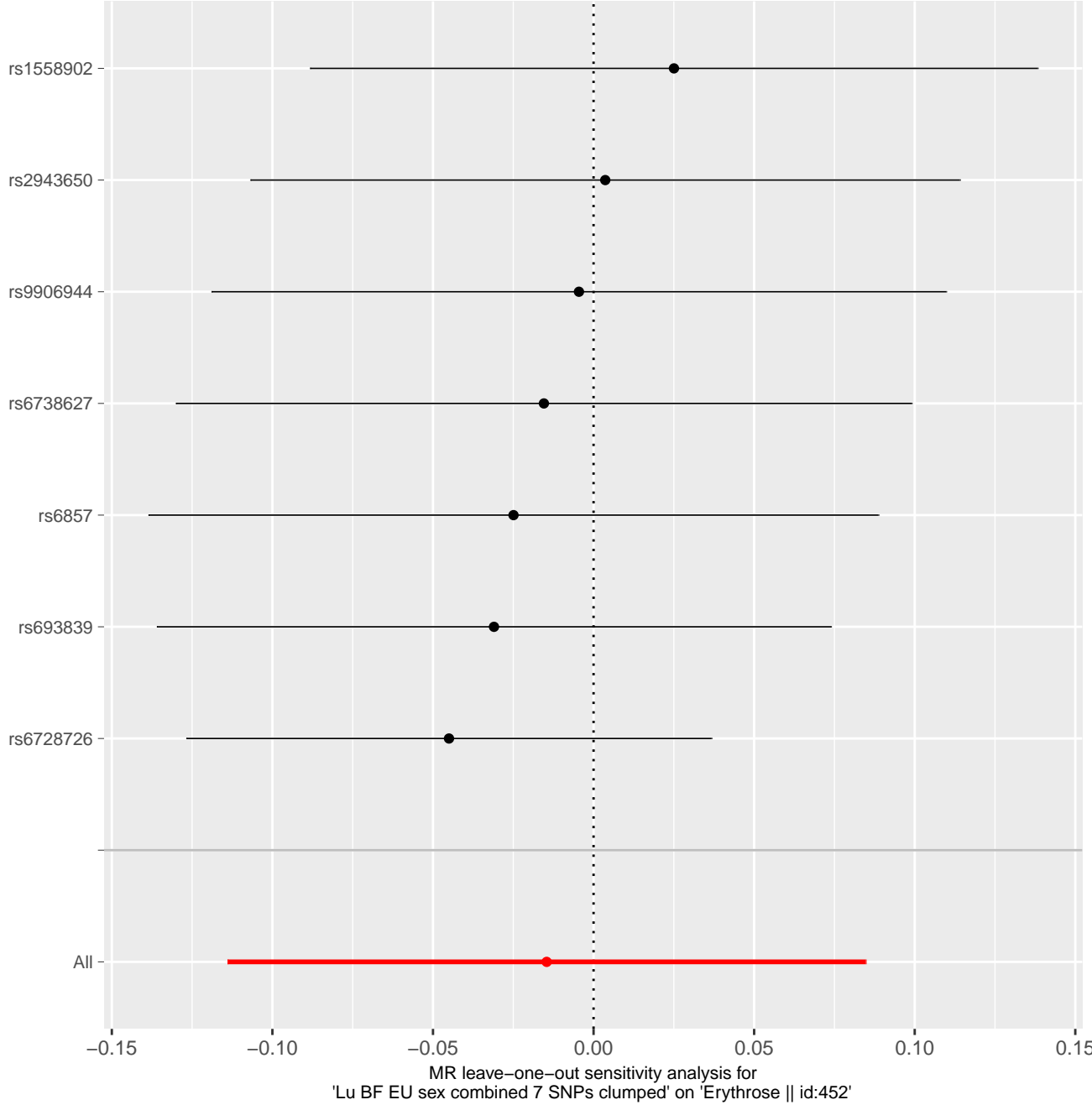
rs6738627

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Creatine || id:451'



rs1558902

rs693839

rs6728726

rs6738627

rs2943650

rs9906944

rs6857

All

-0.10

-0.05

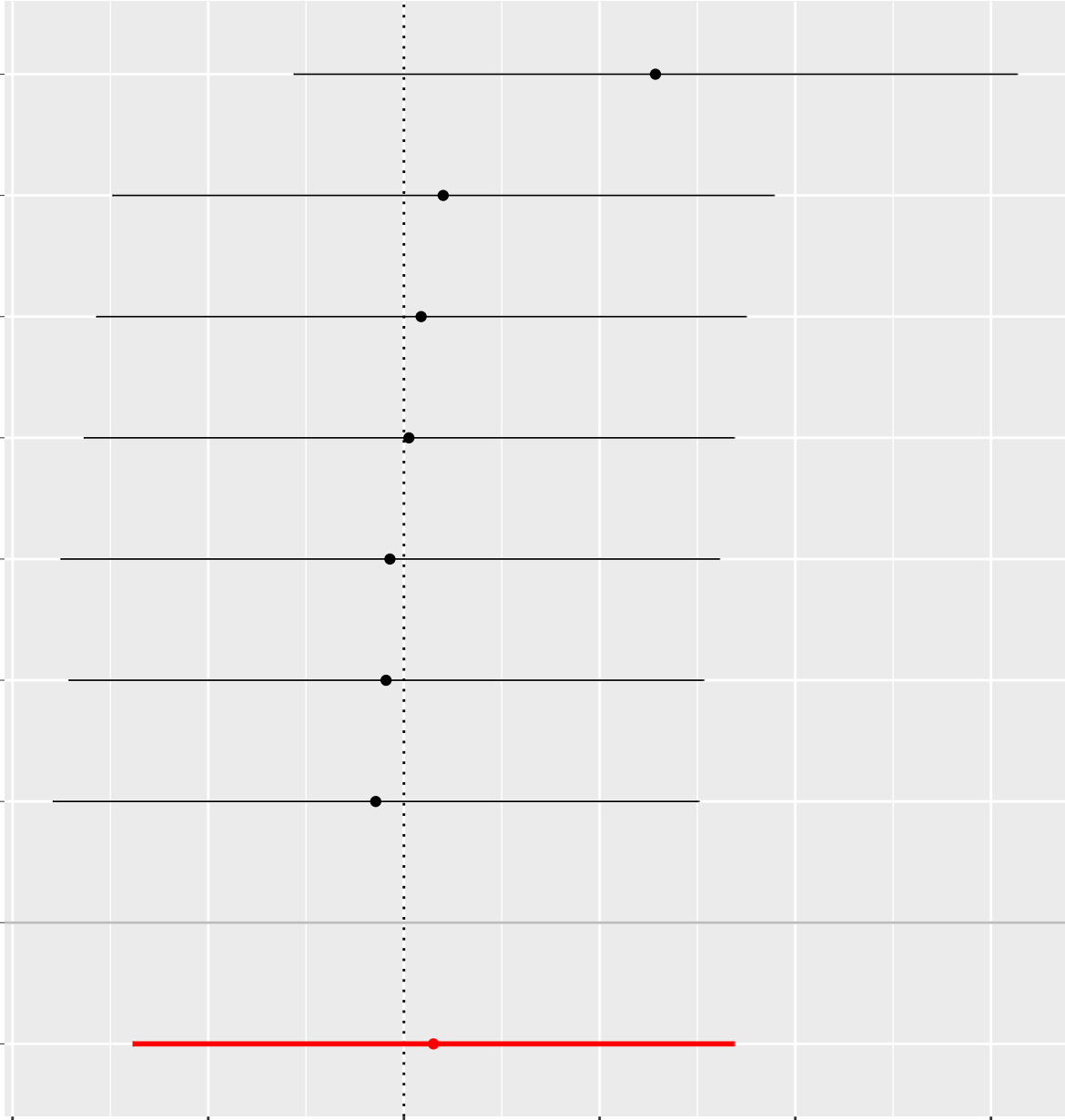
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0.05

0.10

0.15

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Threonate || id:453'



rs1558902

rs6728726

rs6738627

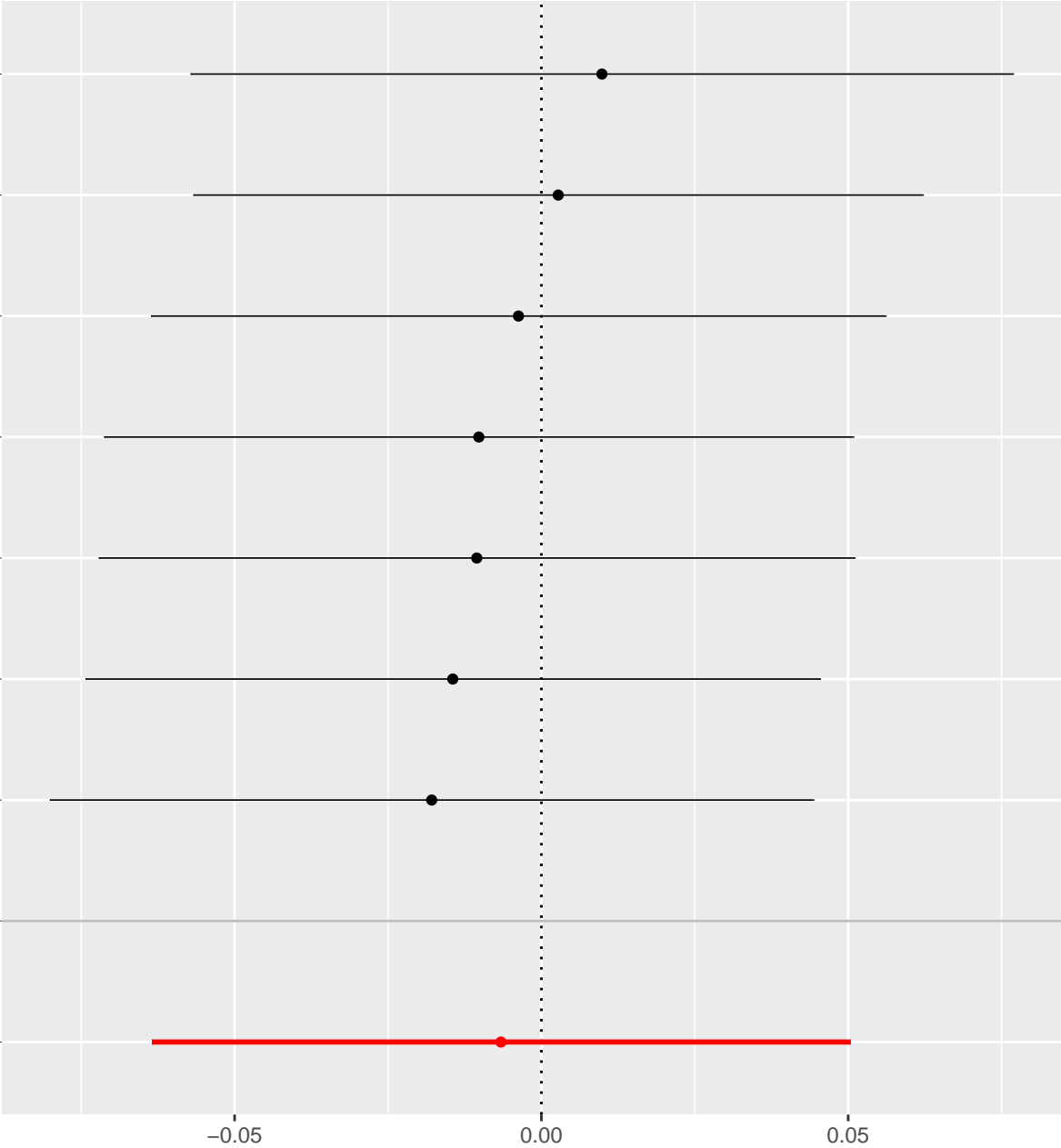
rs9906944

rs2943650

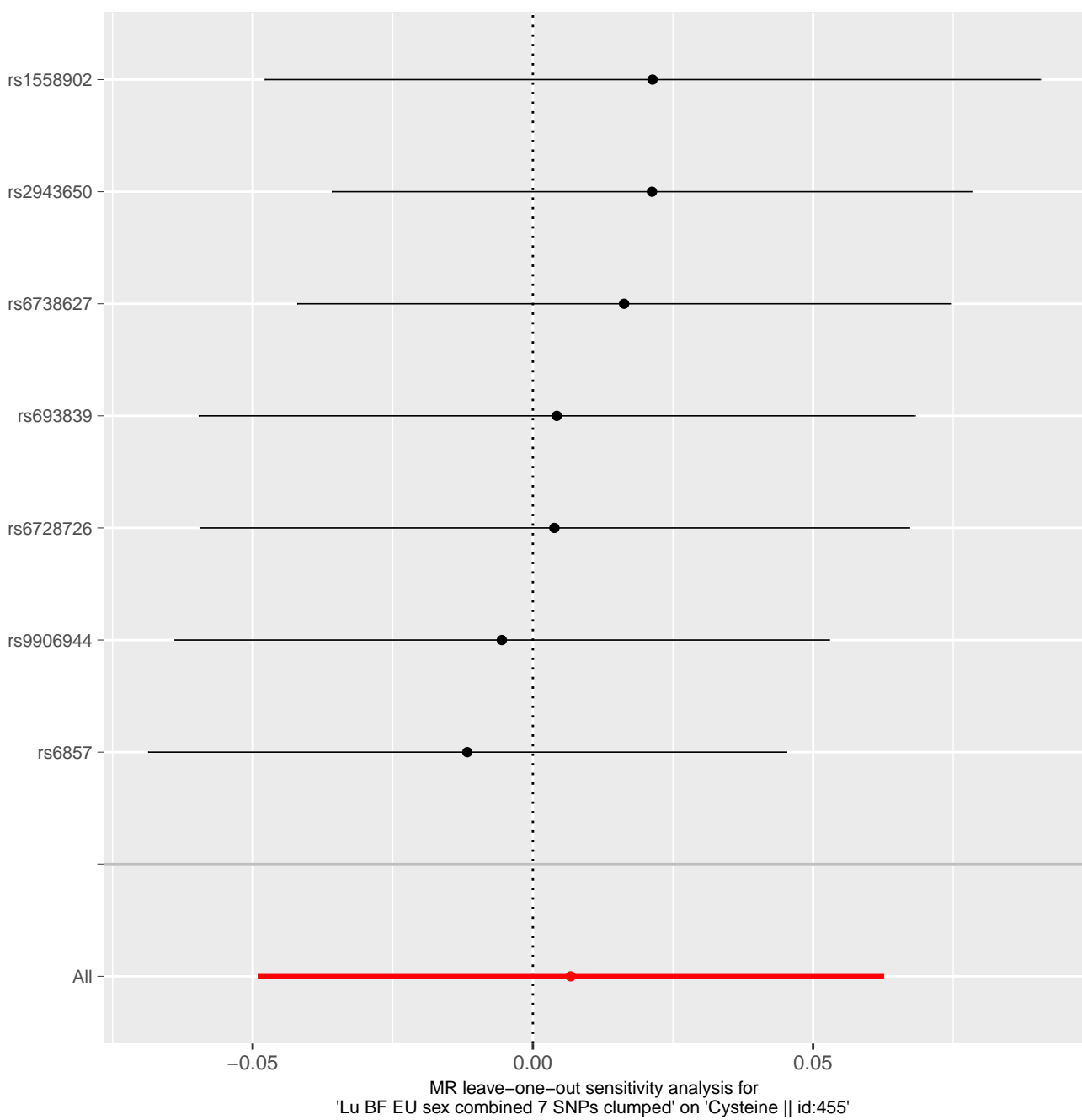
rs693839

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-10810 || id:454'



rs9906944

rs6738627

rs6857

rs693839

rs2943650

rs6728726

rs1558902

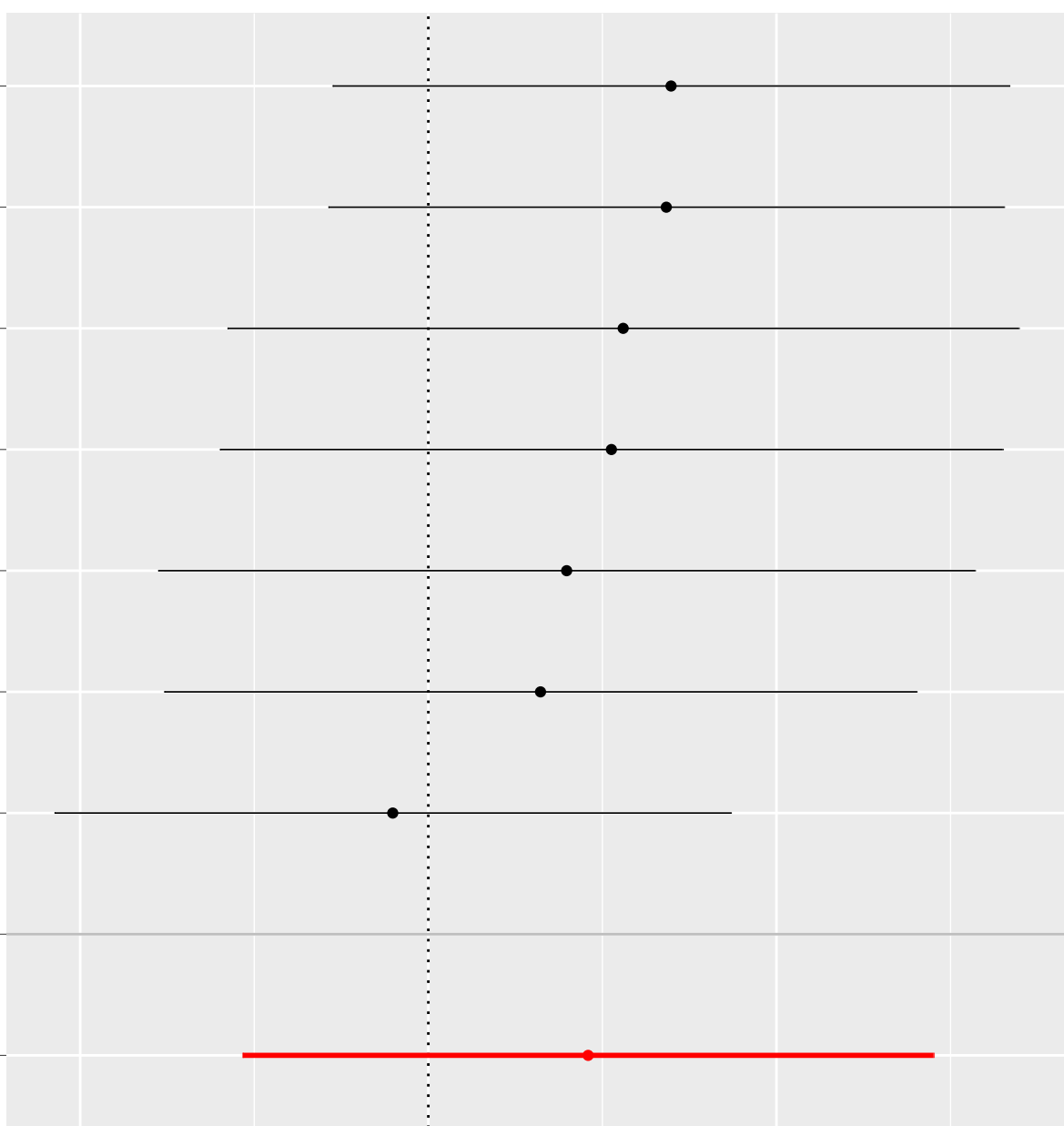
All

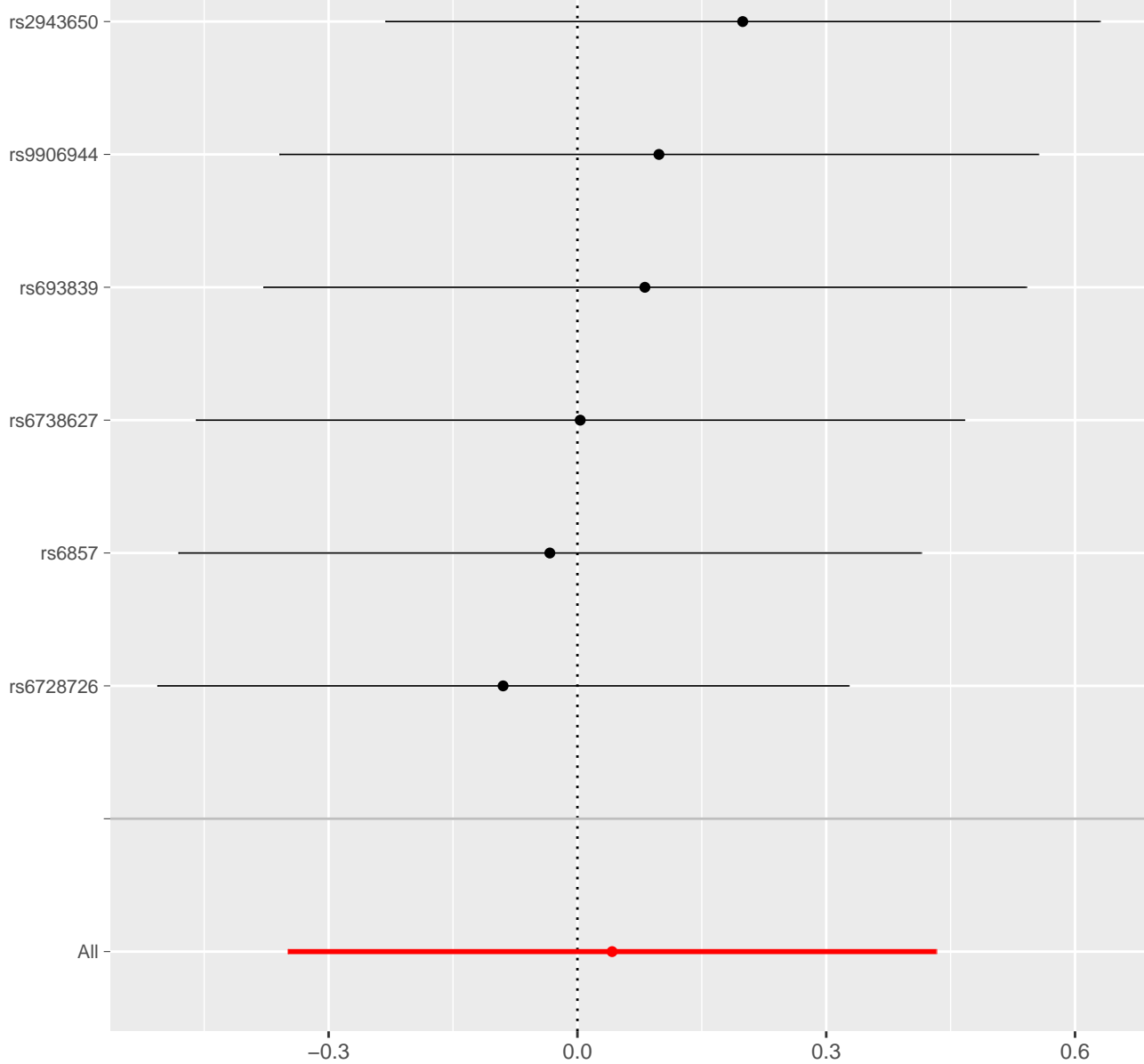
-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Pyroglutamyglycine || id:456'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'N-(2-furoyl)glycine || id:457'

rs2943650

rs1558902

rs6738627

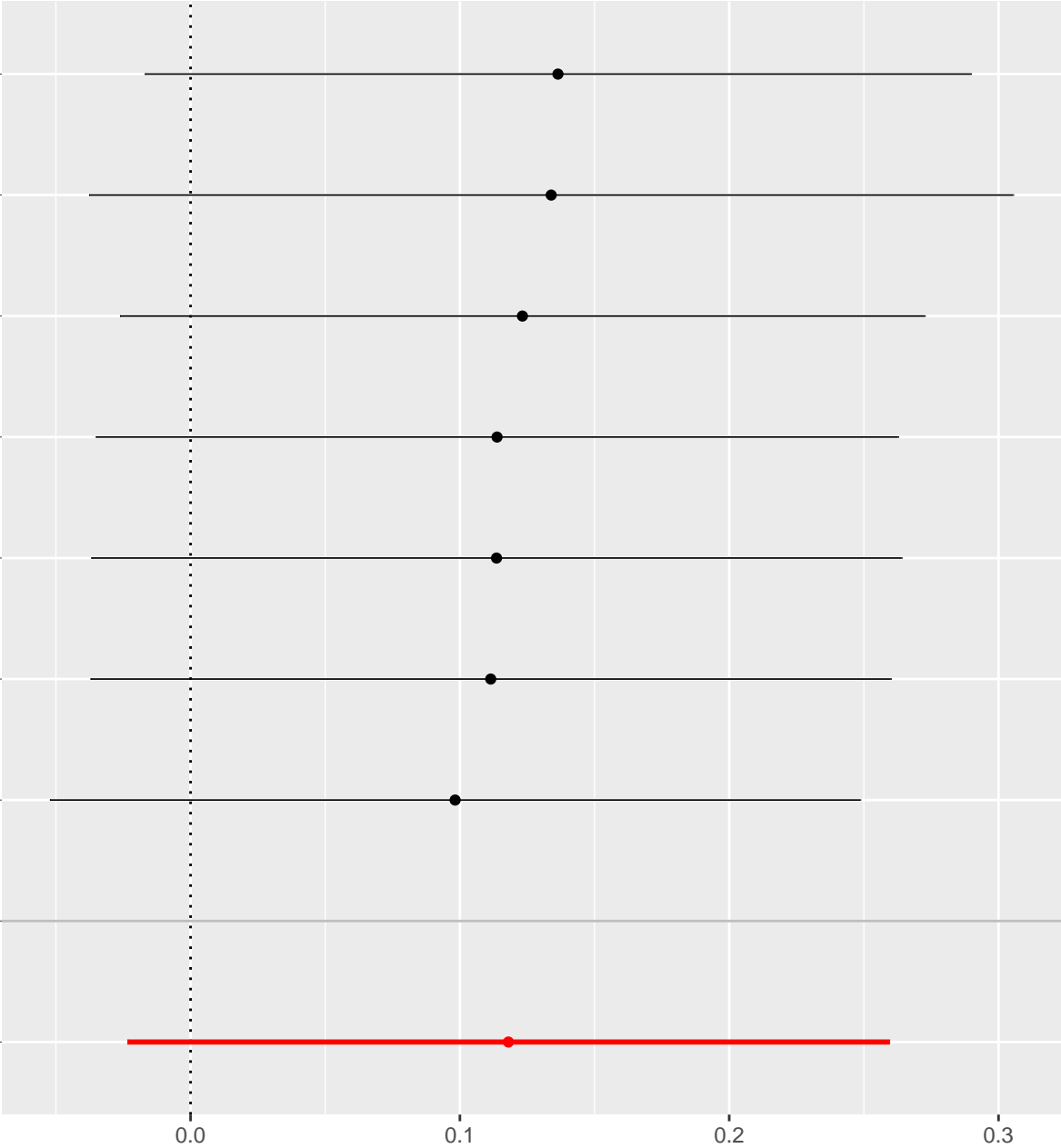
rs693839

rs9906944

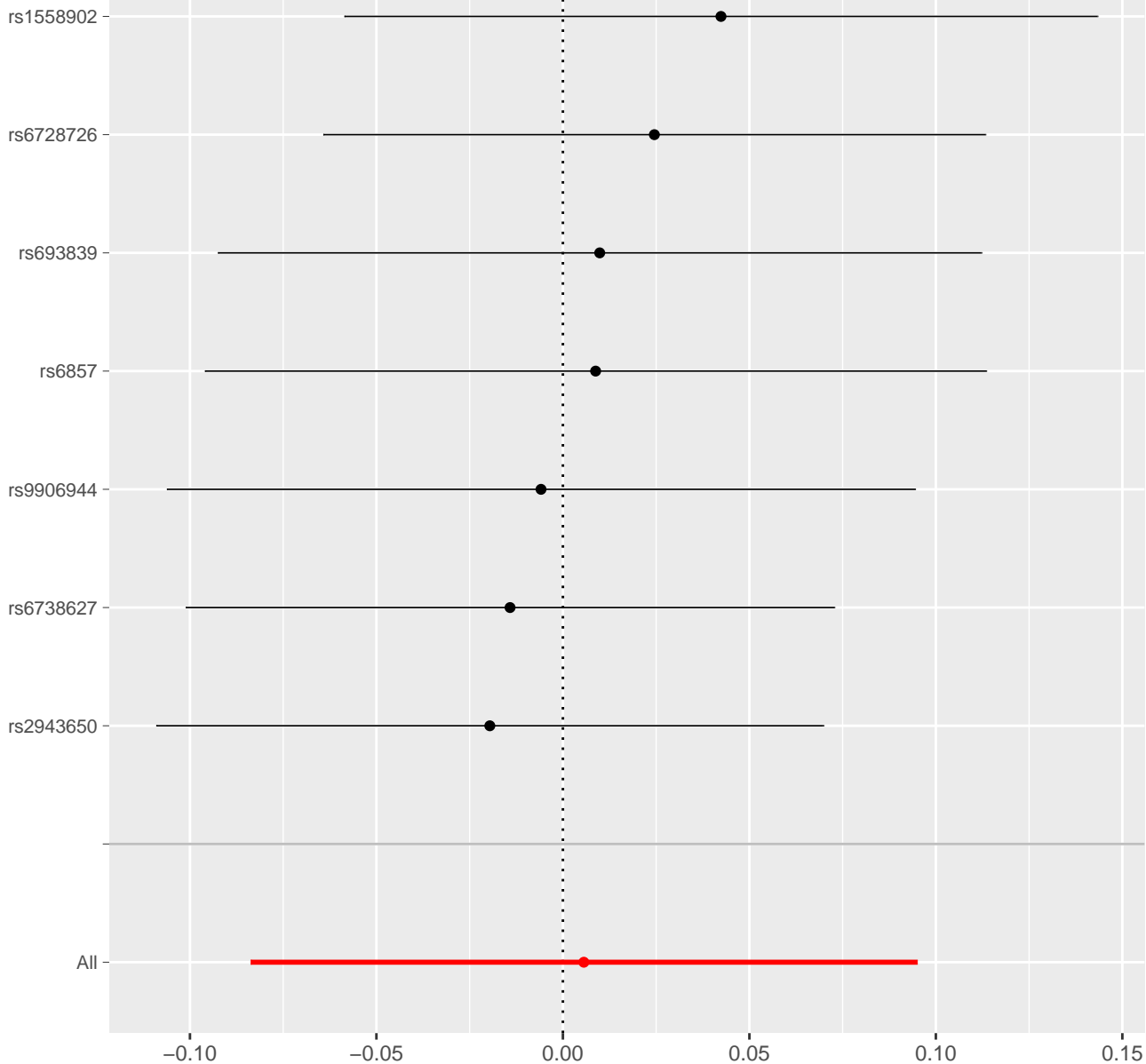
rs6728726

rs6857

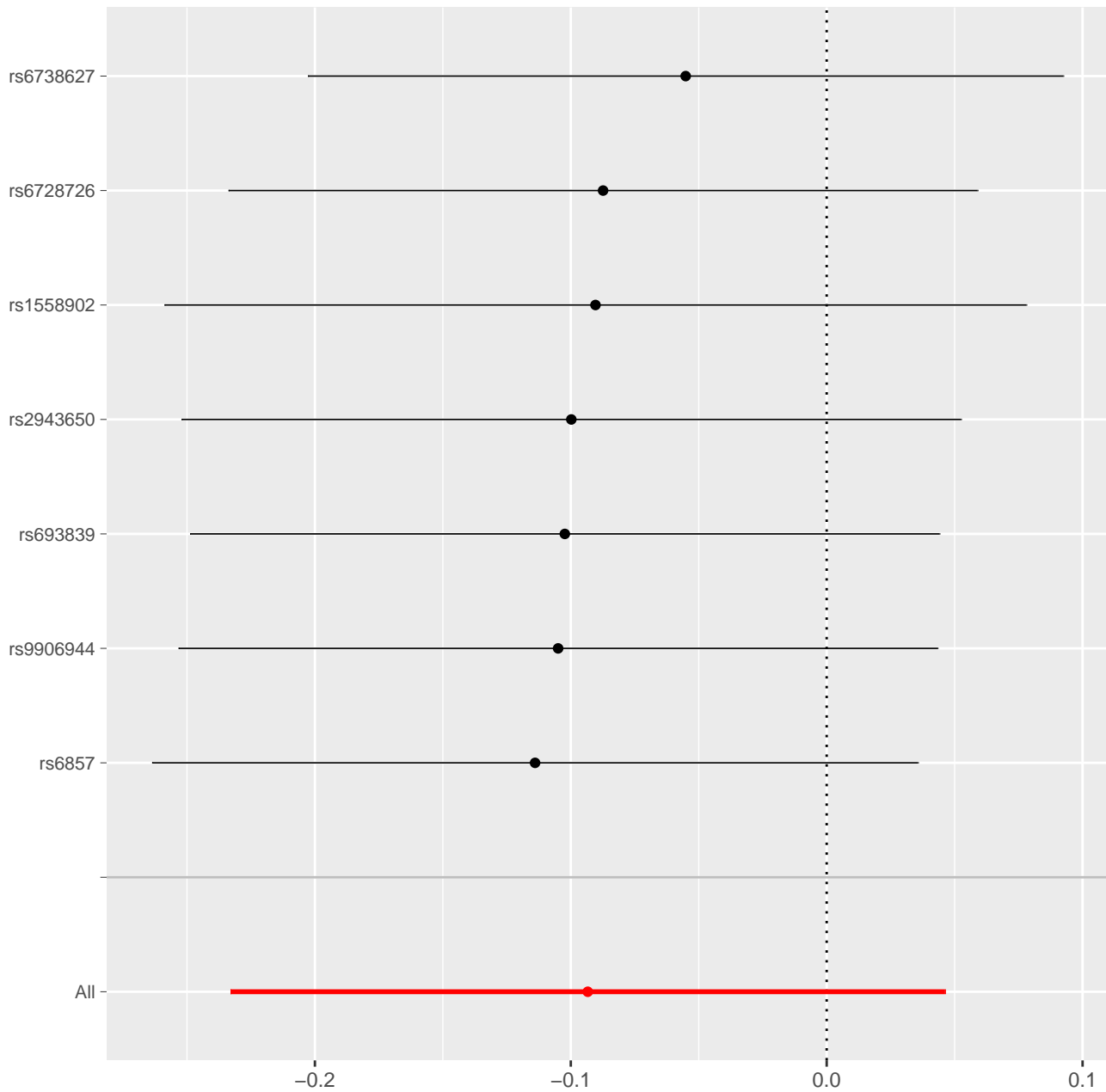
All

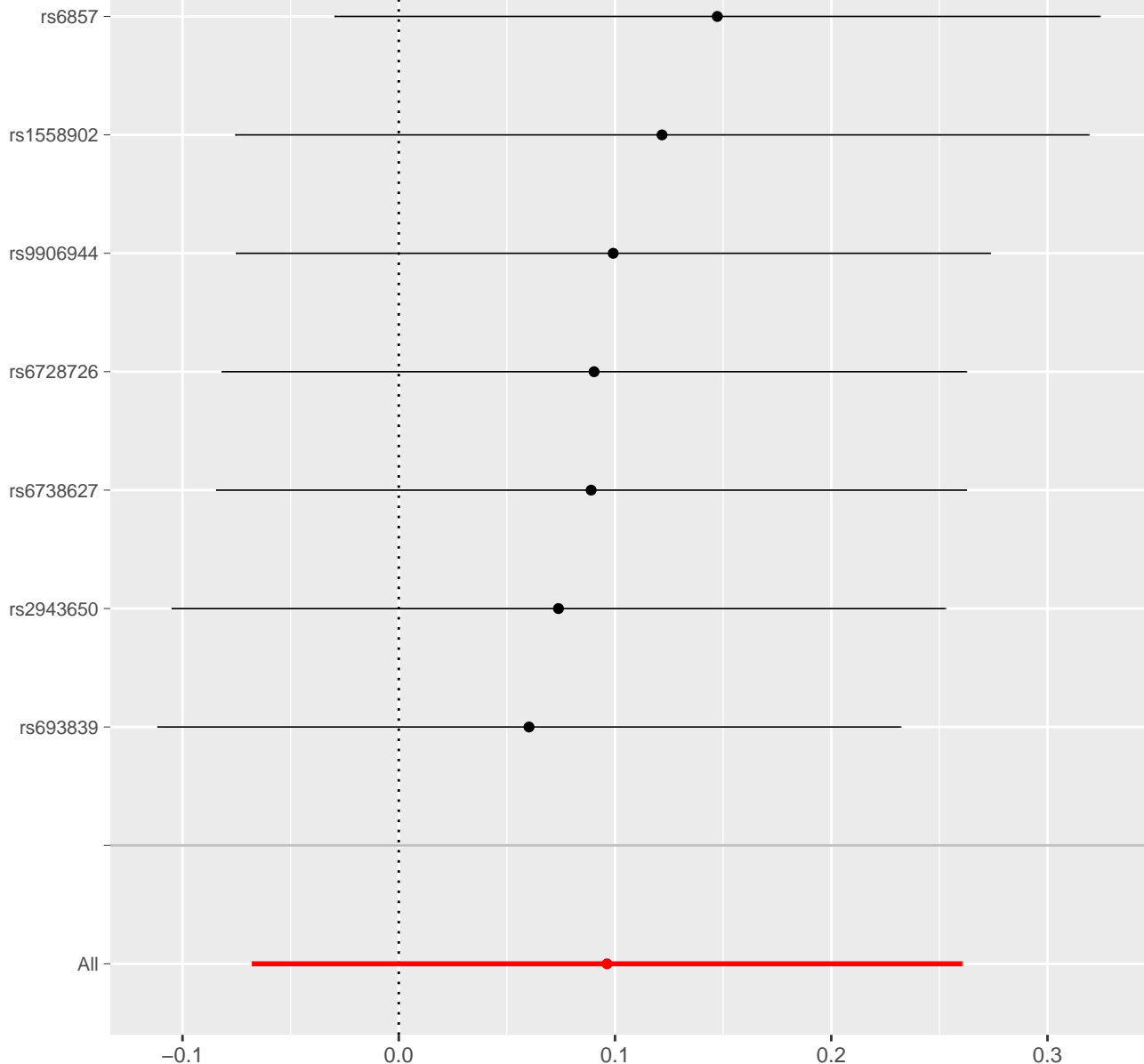


MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'DSGEGDFXAEGGGVR* || id:458'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Pyridoxate || id:459'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '3-carboxy-4-methyl-5-propyl-2-furanpropanoate (CMPF) || id:461'

rs6738627

rs693839

rs9906944

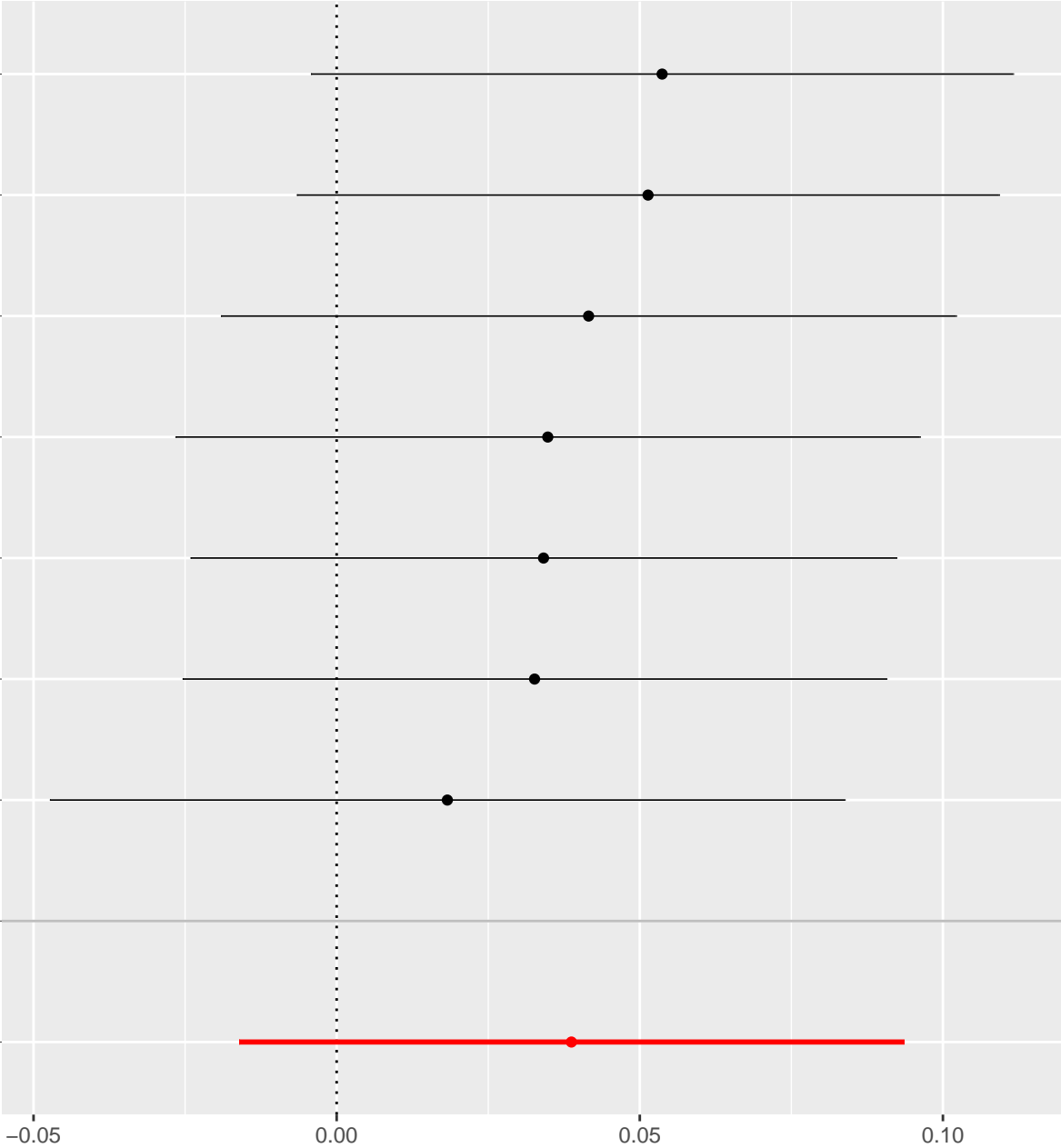
rs2943650

rs6728726

rs6857

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '3-(4-hydroxyphenyl)lactate || id:462'

rs1558902

rs6738627

rs6857

rs6728726

rs9906944

rs693839

rs2943650

All

-0.05

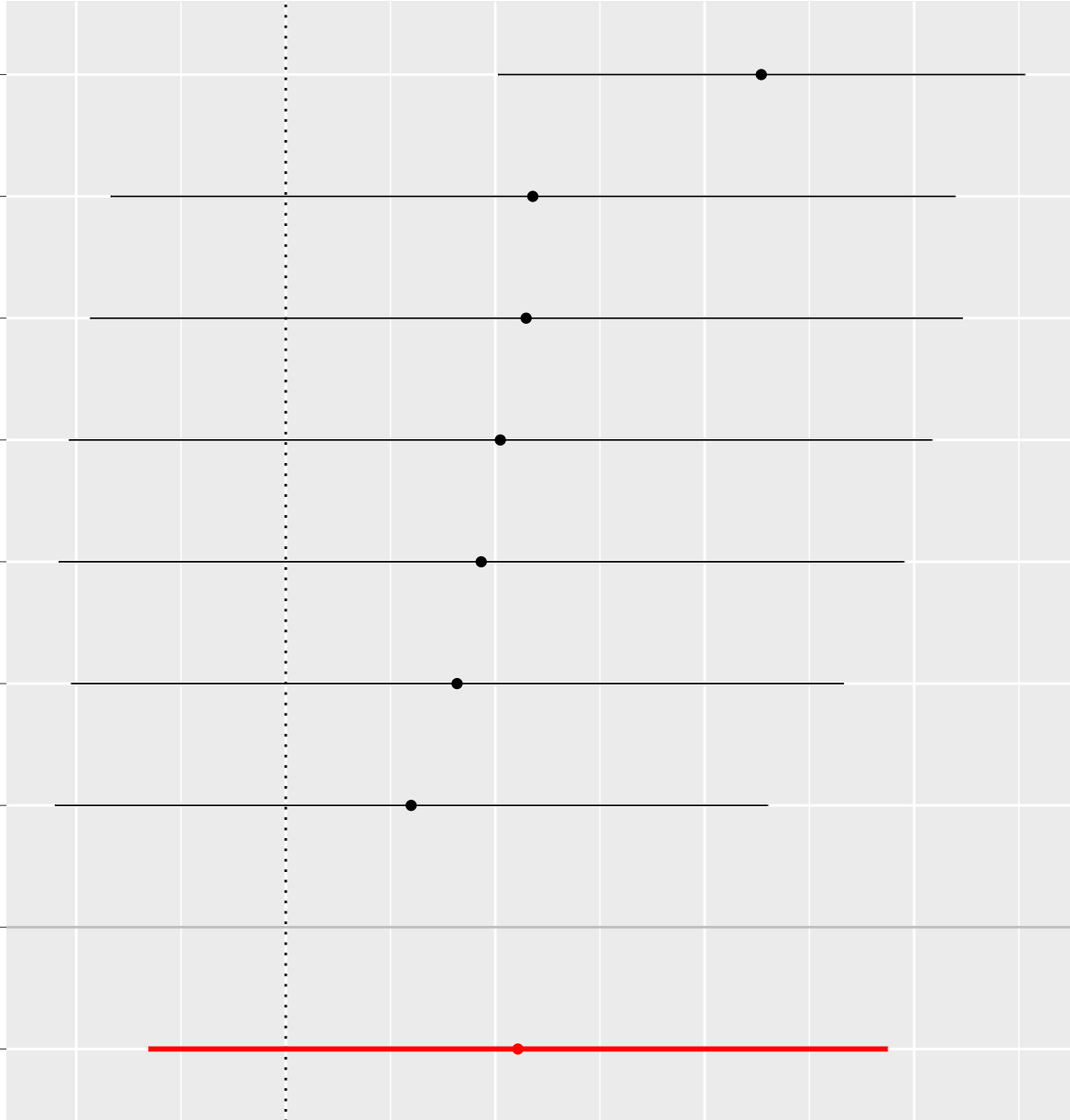
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Acetylcarnitine || id:463'



rs6728726

rs6738627

rs1558902

rs6857

rs2943650

rs693839

rs9906944

All

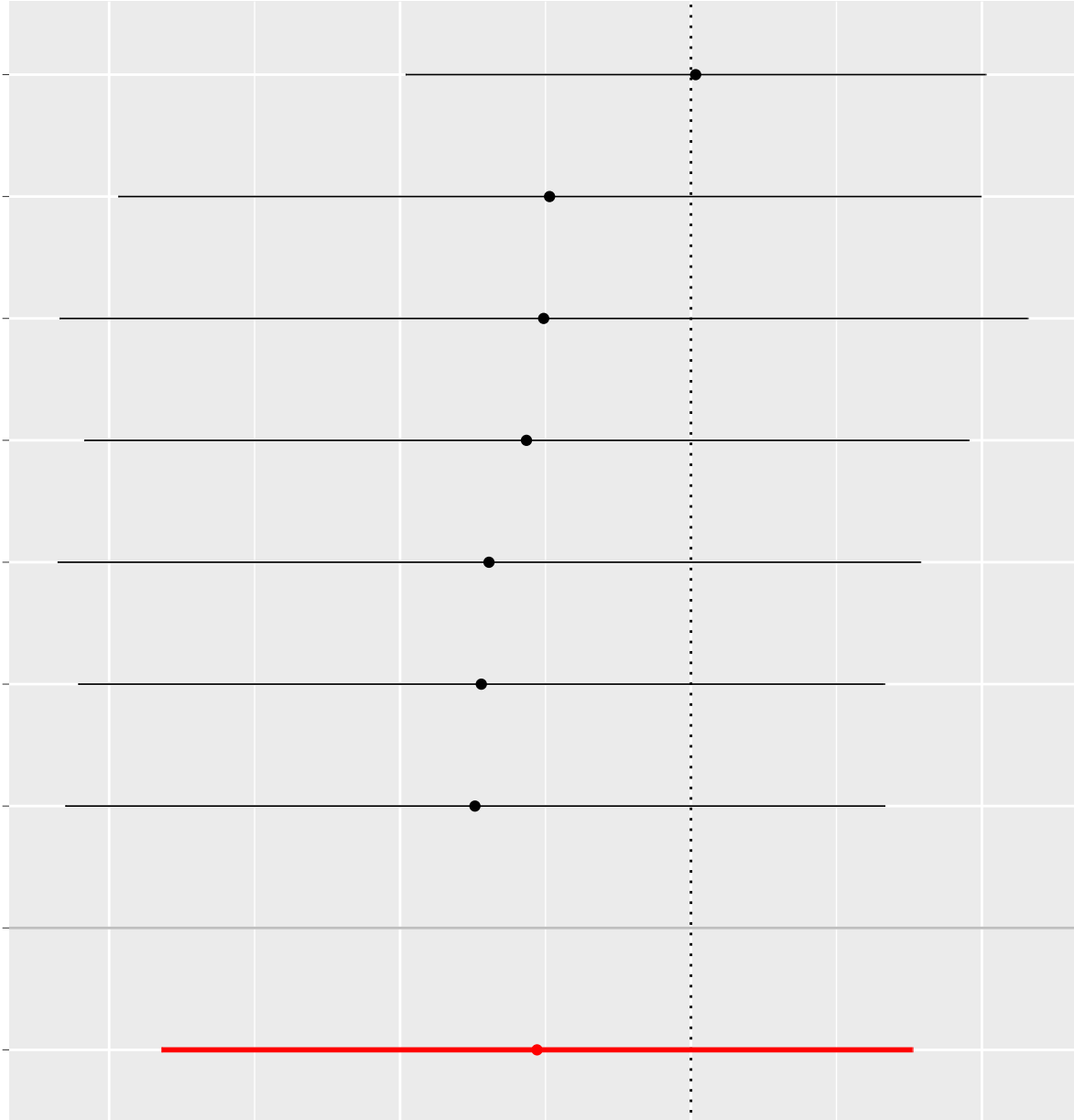
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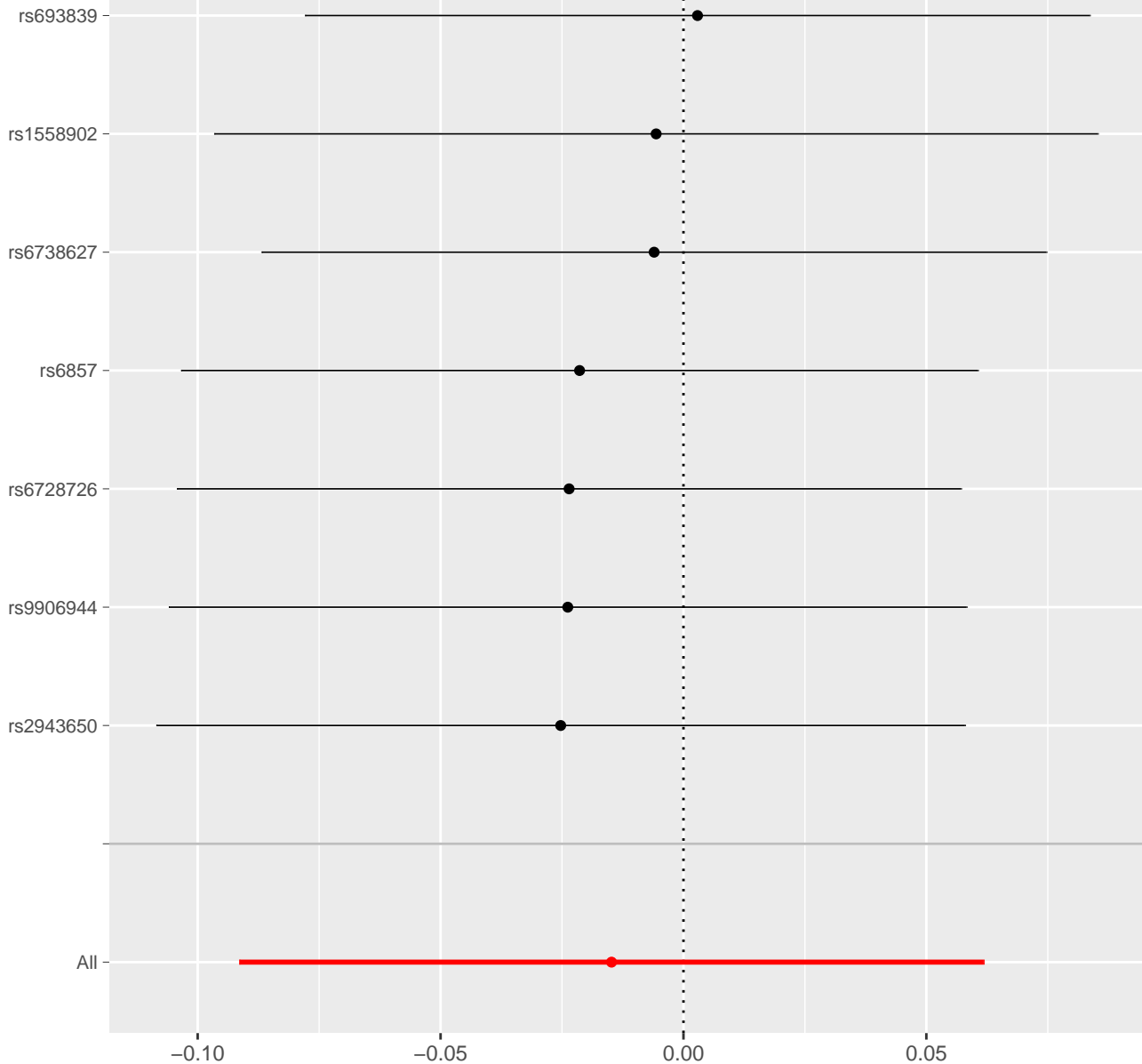
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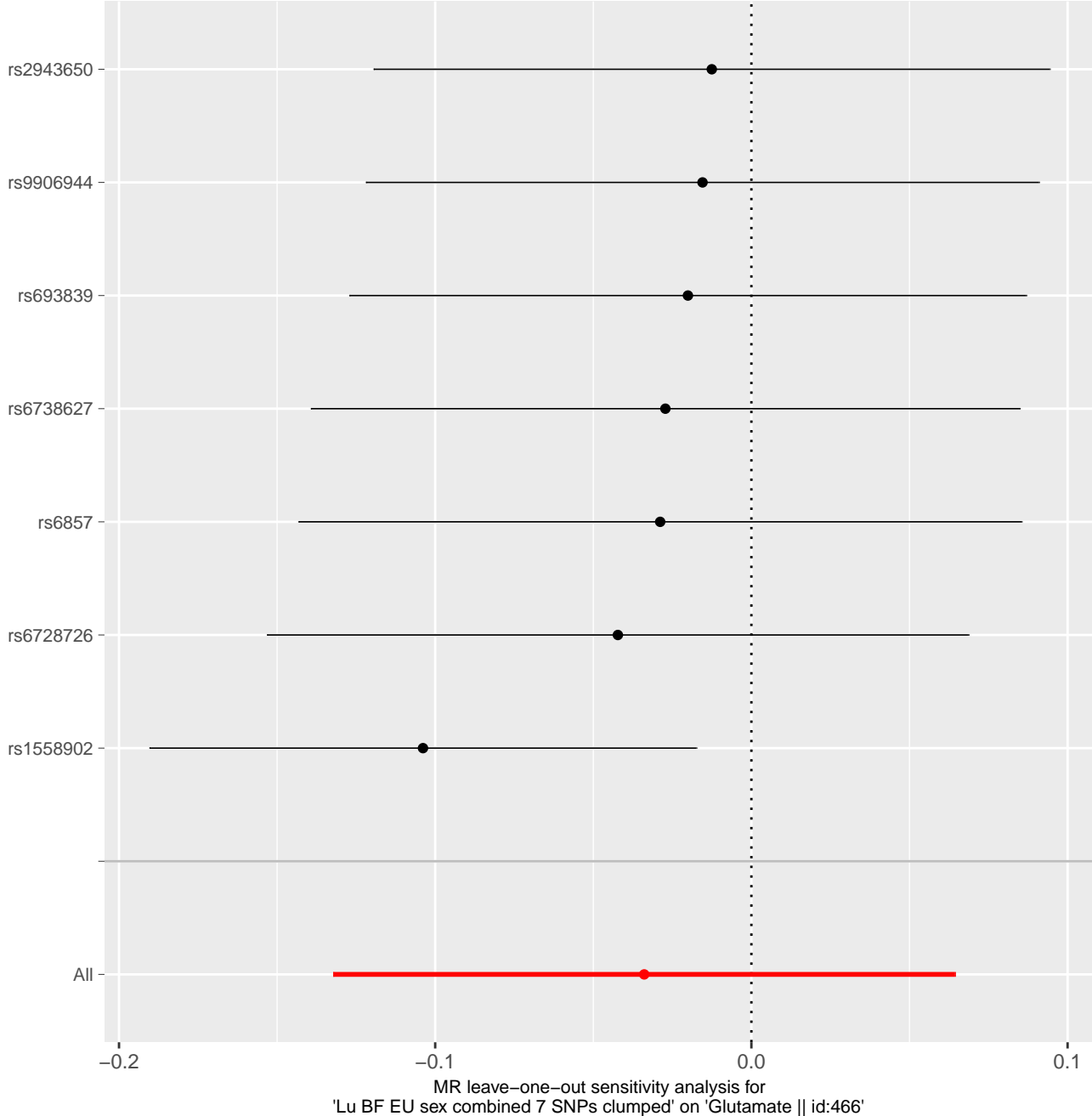
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0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Serine || id:464'







rs1558902

rs9906944

rs6857

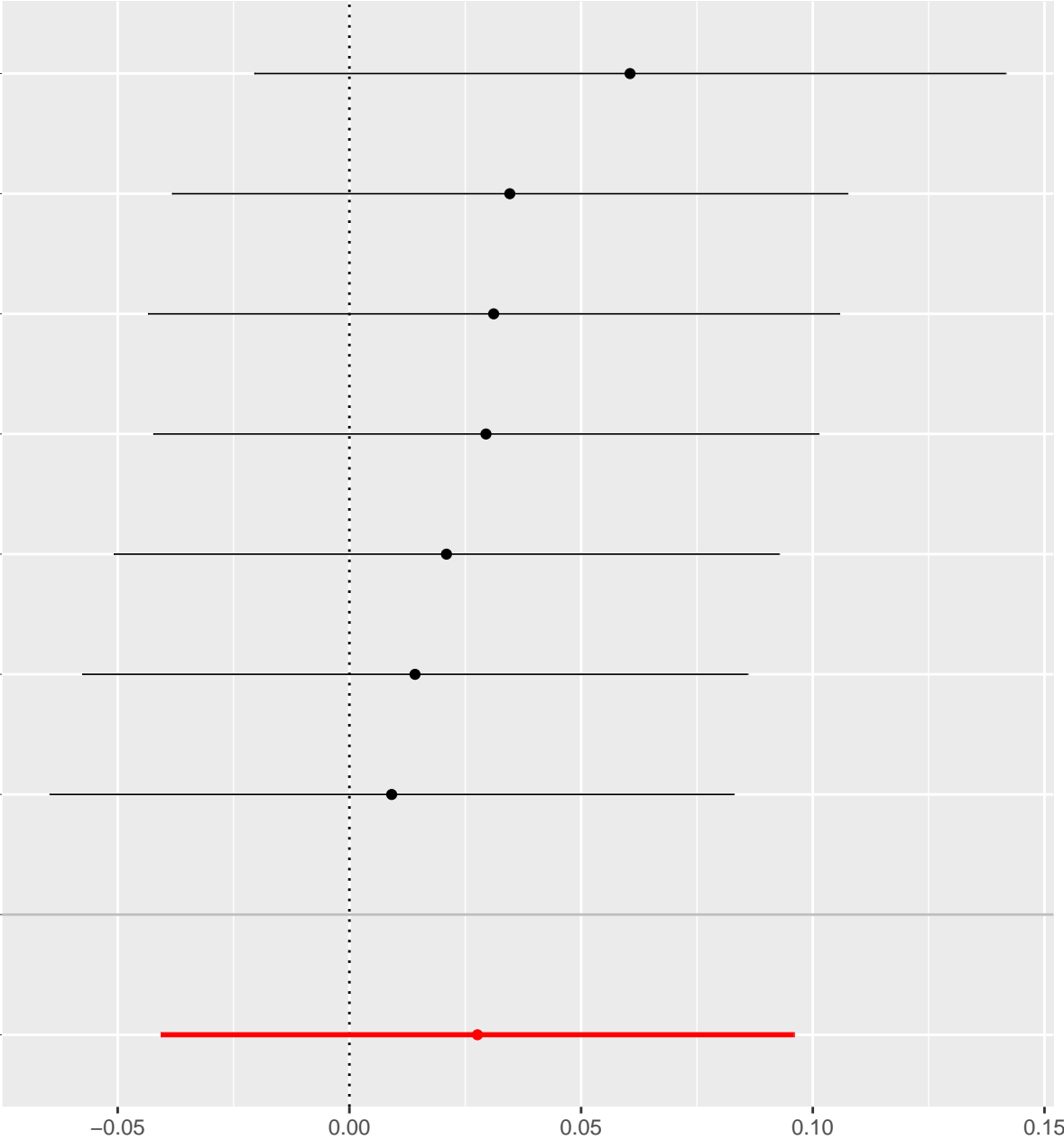
rs6738627

rs6728726

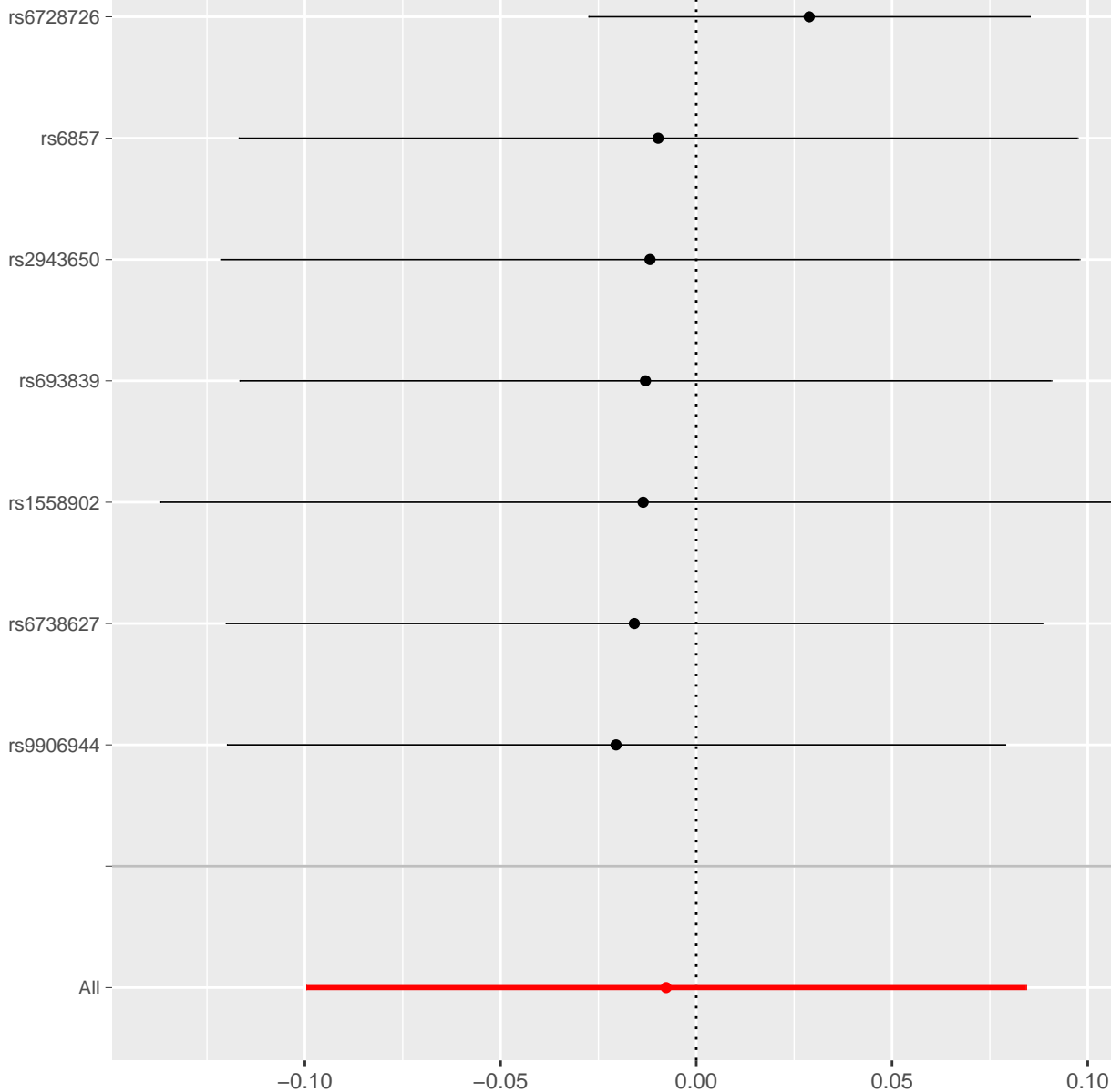
rs693839

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Hexanoylcarnitine || id:467'



rs6728726

rs6738627

rs2943650

rs693839

rs6857

rs9906944

rs1558902

All

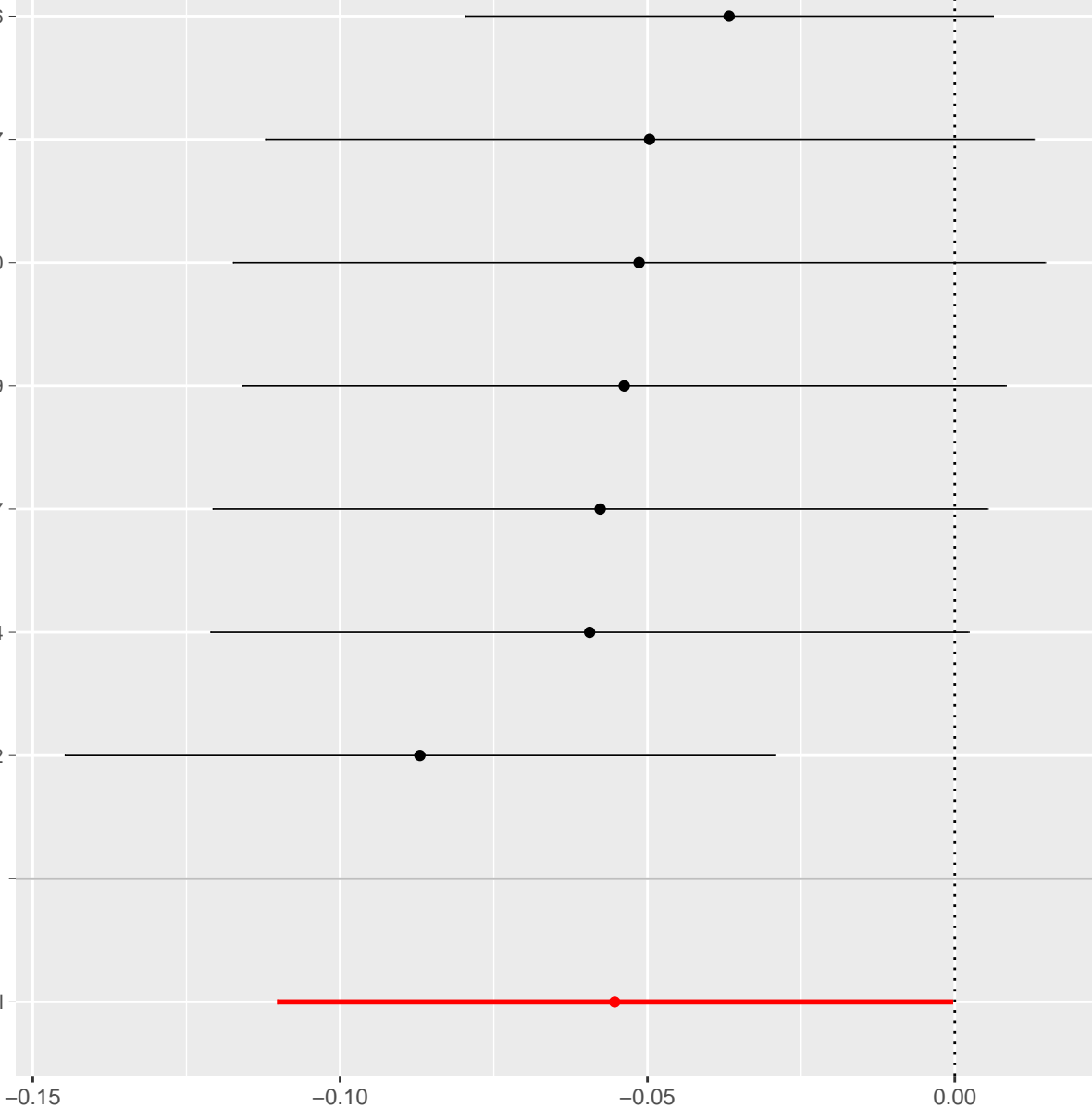
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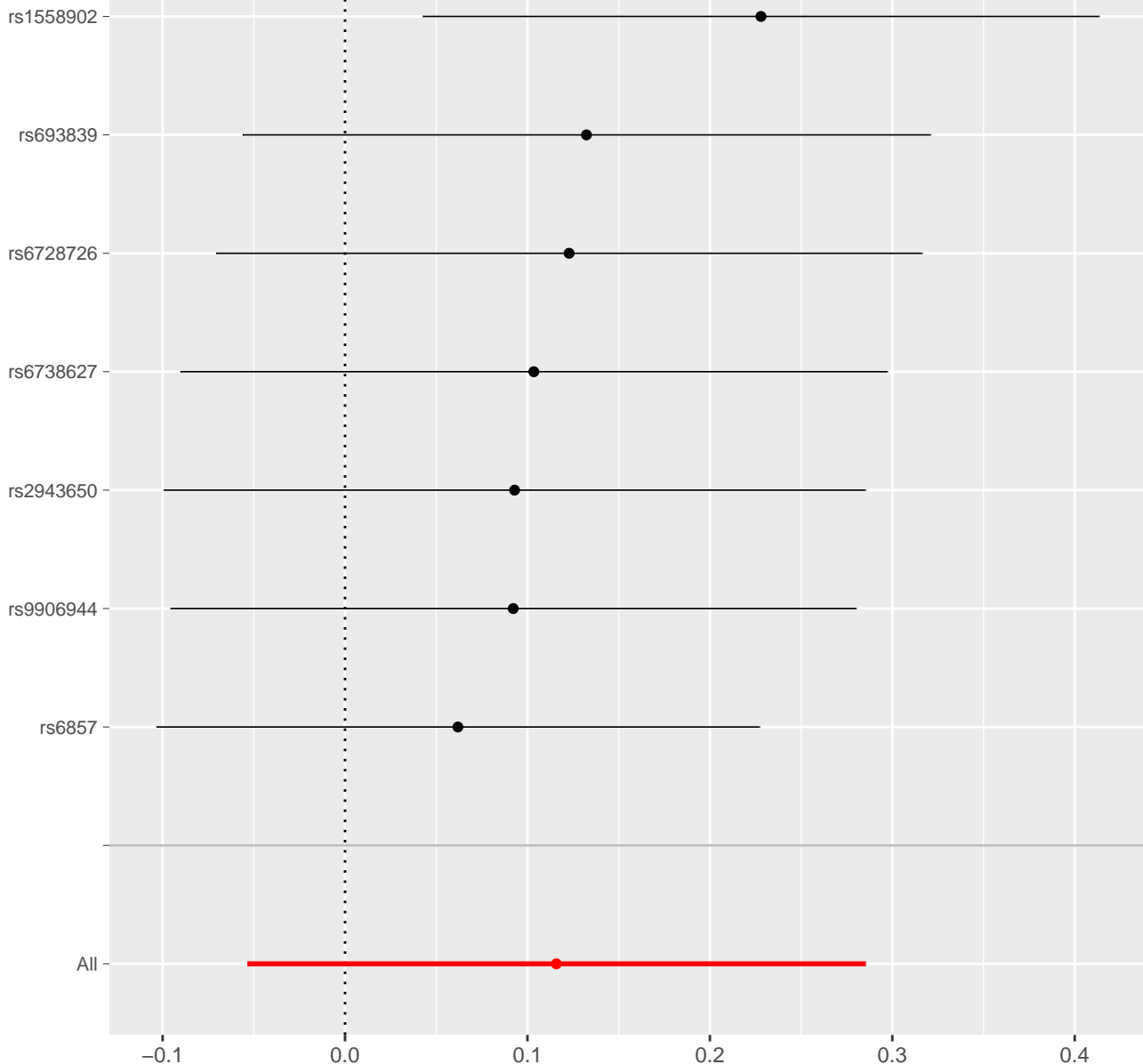
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-0.05

0.00

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Alanine || id:469'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Glycochenodeoxycholate || id:470'

rs1558902

rs6728726

rs6738627

rs693839

rs6857

rs2943650

rs9906944

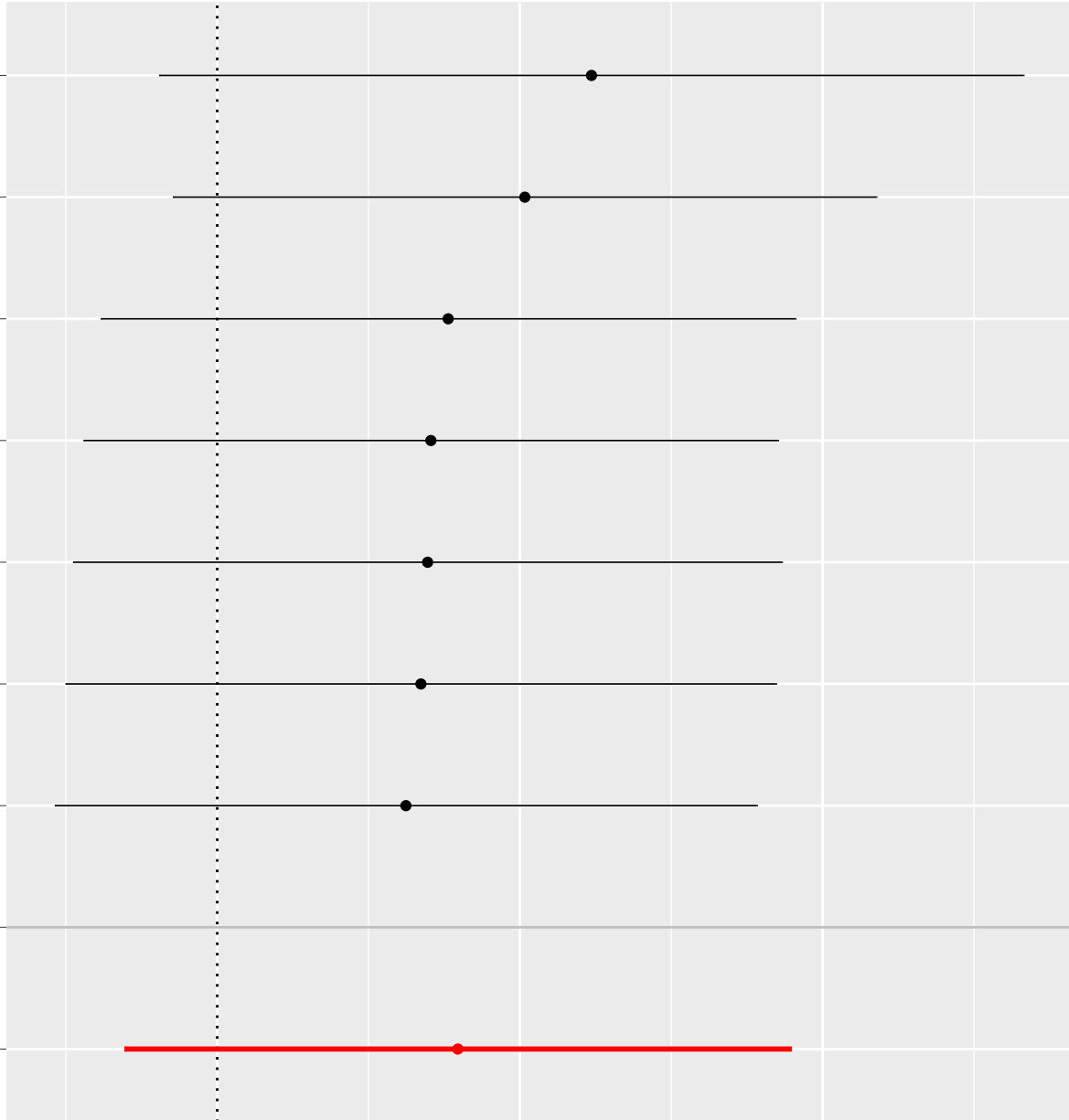
All

0.00

0.04

0.08

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '2-aminobutyrate || id:471'



rs1558902

rs693839

rs9906944

rs6857

rs6738627

rs6728726

rs2943650

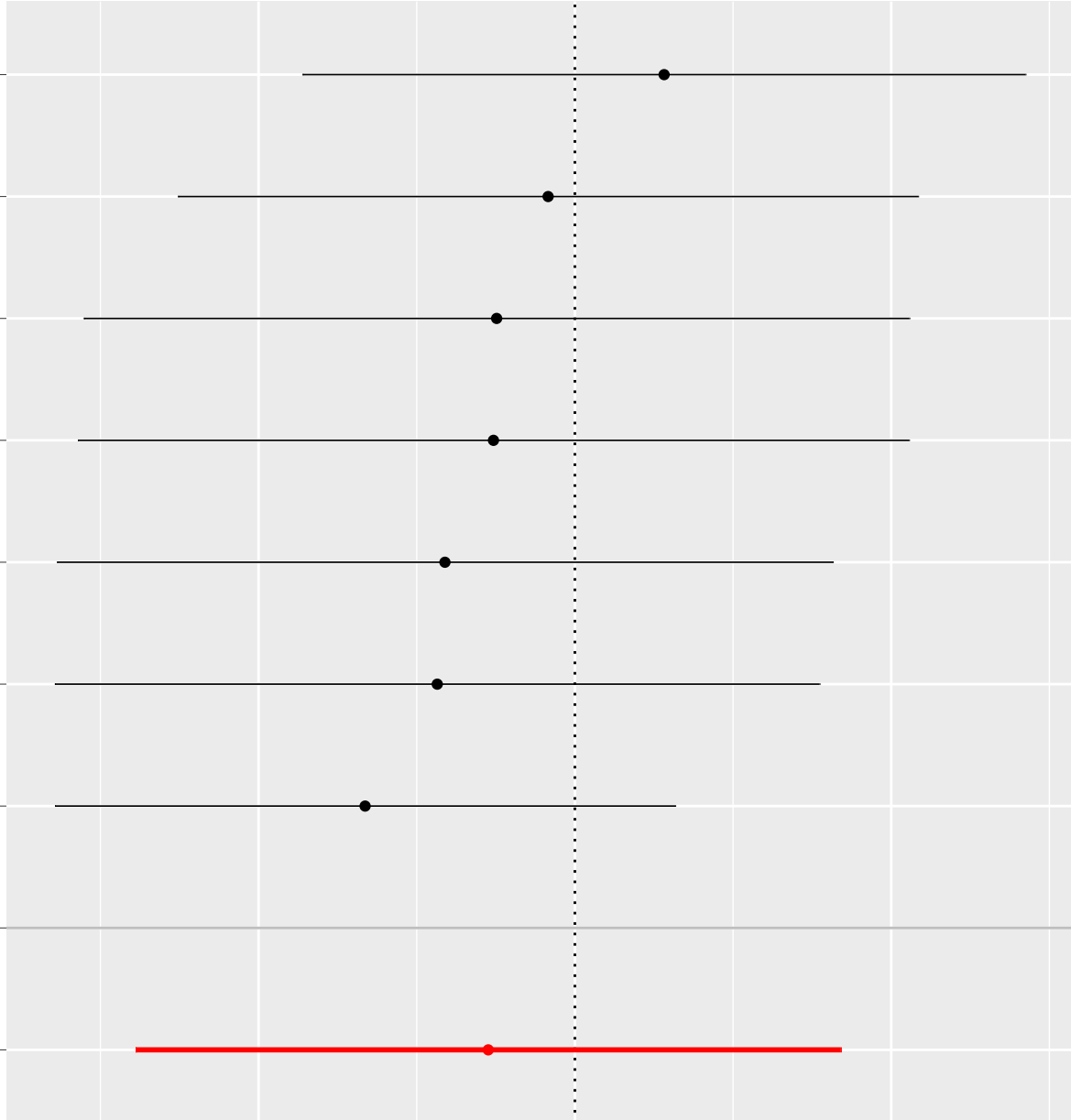
All

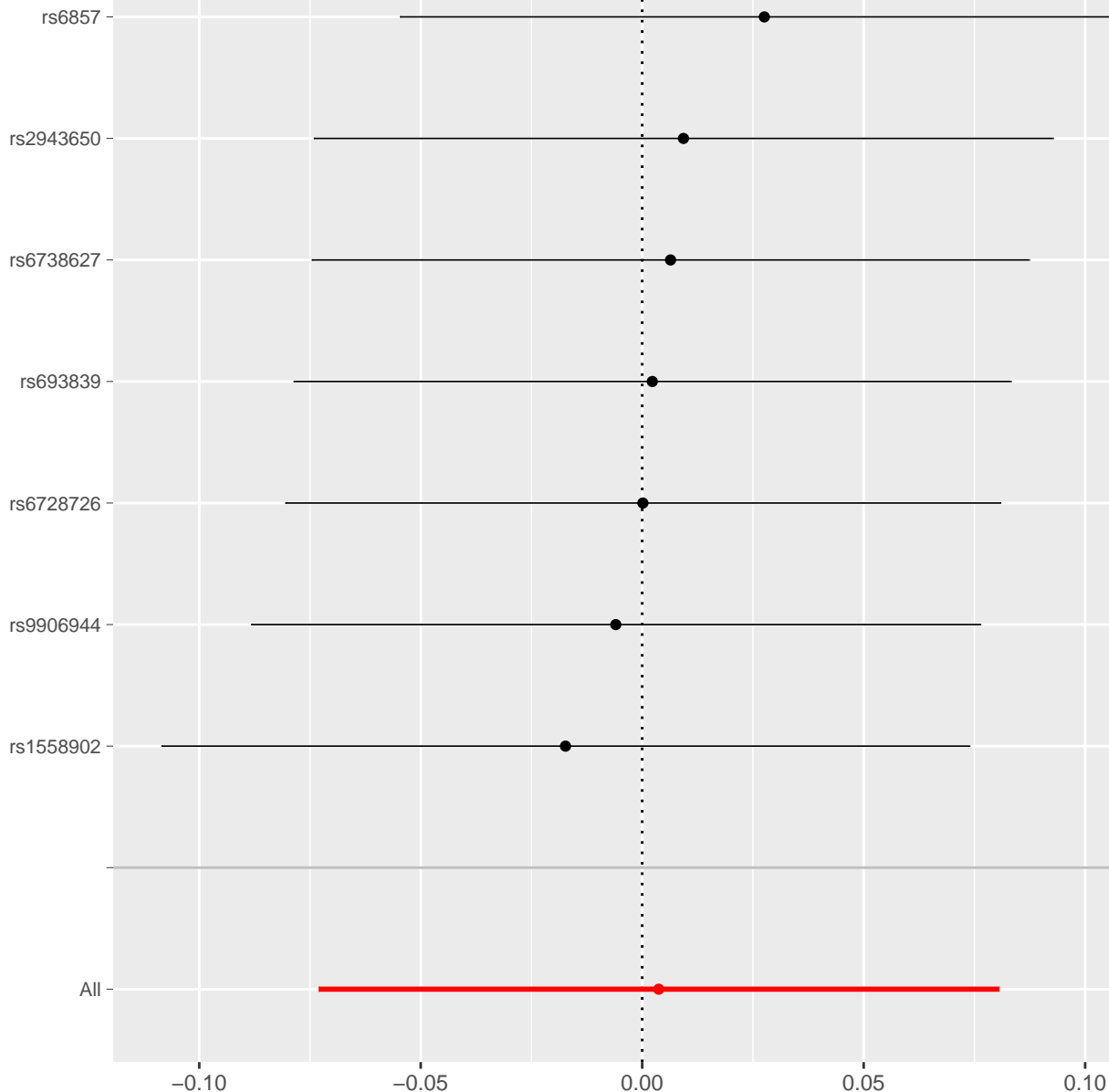
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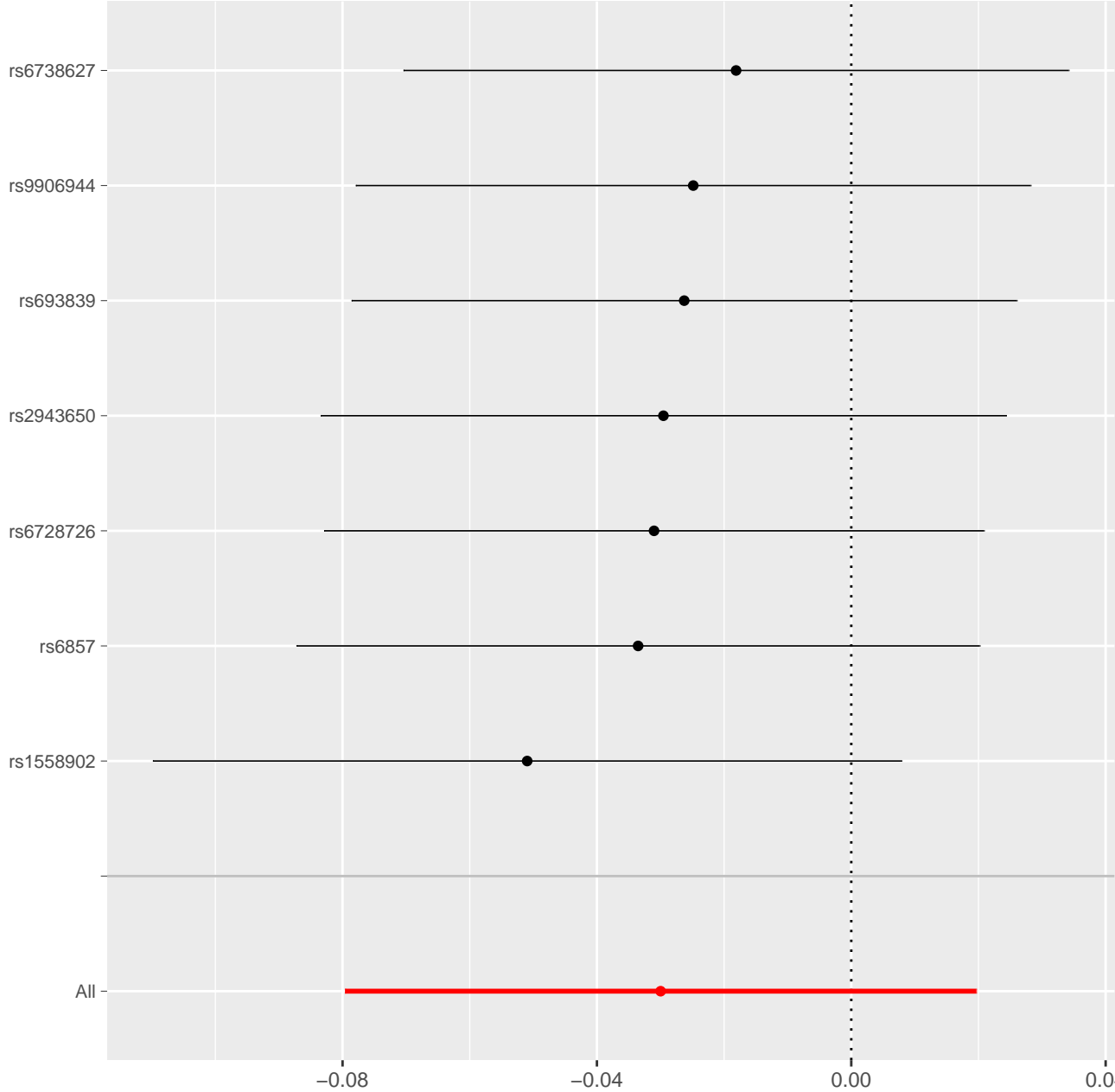
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0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Scyllo-inositol || id:472'







MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Gamma-glutamylvaline || id:474'

rs1558902

rs6857

rs6738627

rs6728726

rs9906944

rs693839

rs2943650

All

-0.05

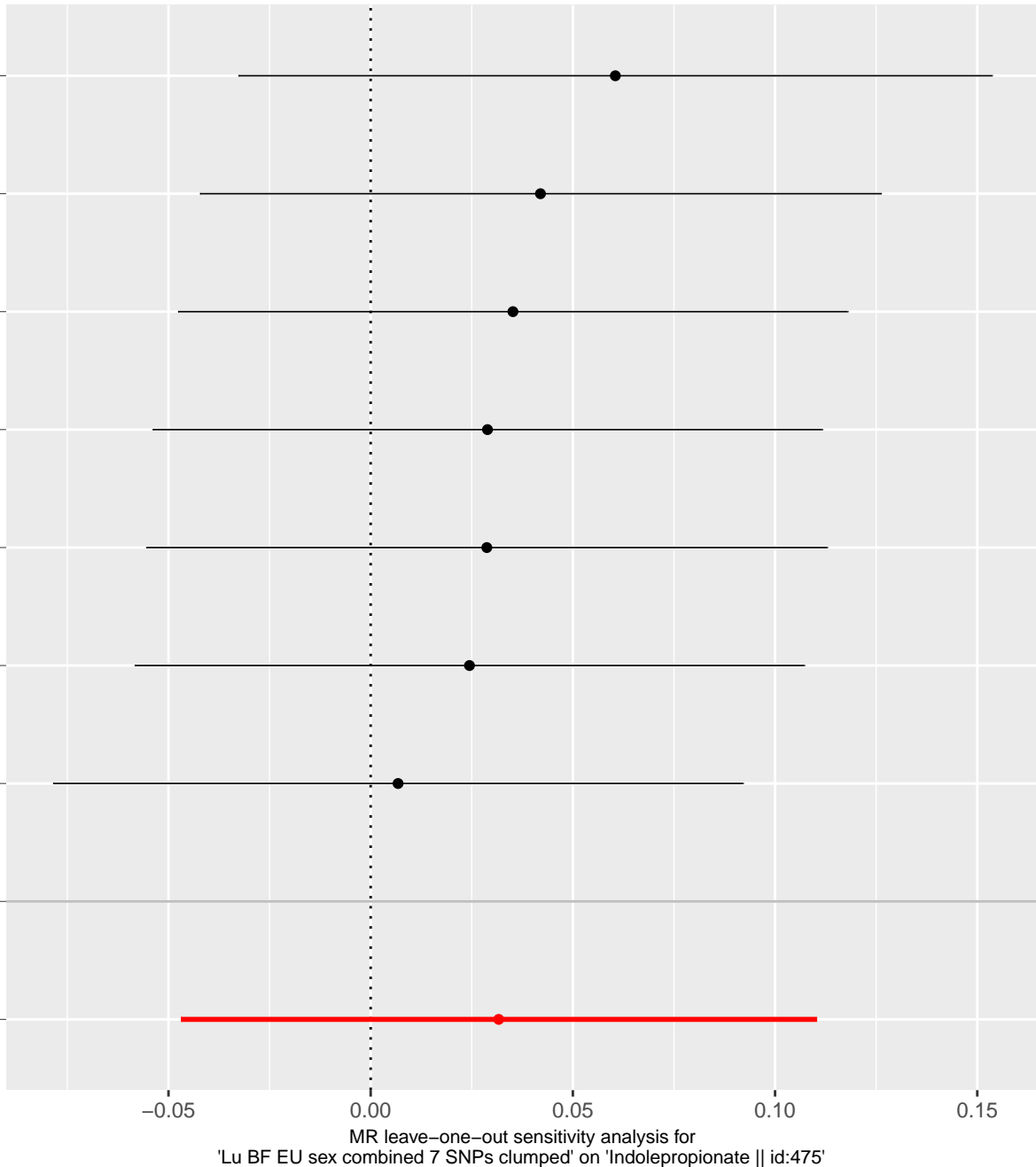
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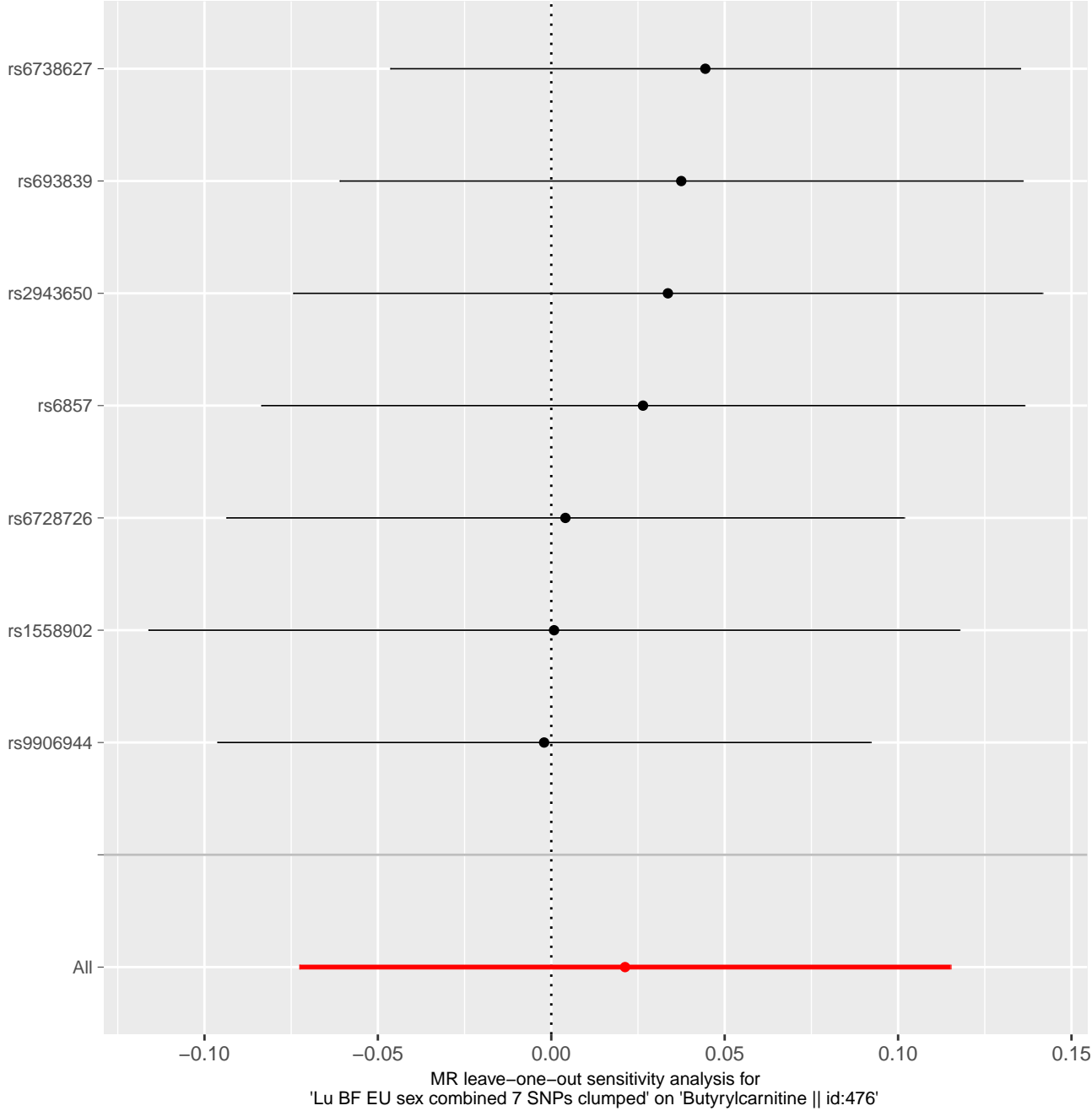
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0.10

0.15

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Indolepropionate || id:475'





rs1558902

rs6857

rs6728726

rs693839

rs6738627

rs9906944

rs2943650

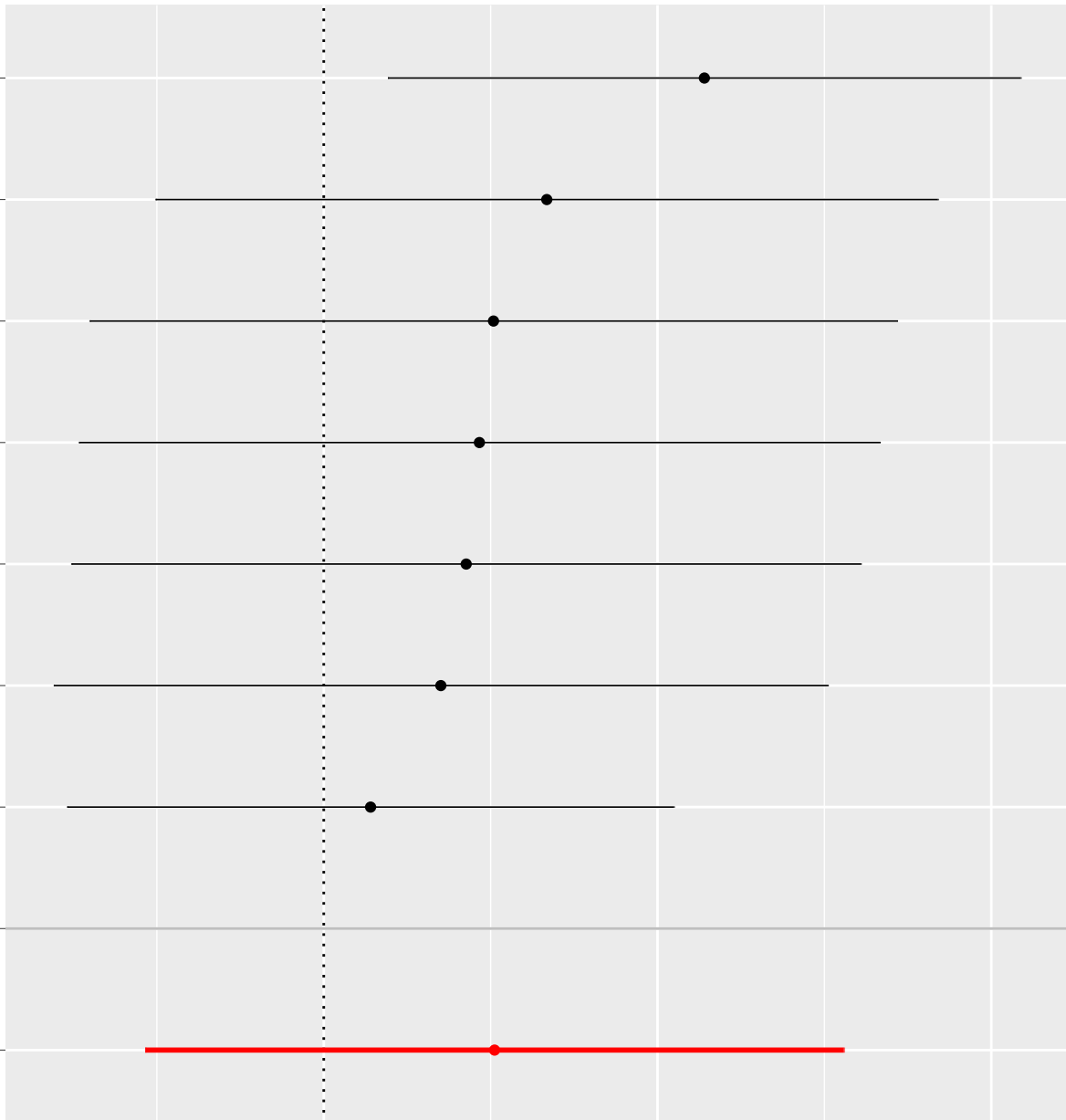
All

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Myristoleate (14:1n5) || id:477'



rs9906944

rs1558902

rs6728726

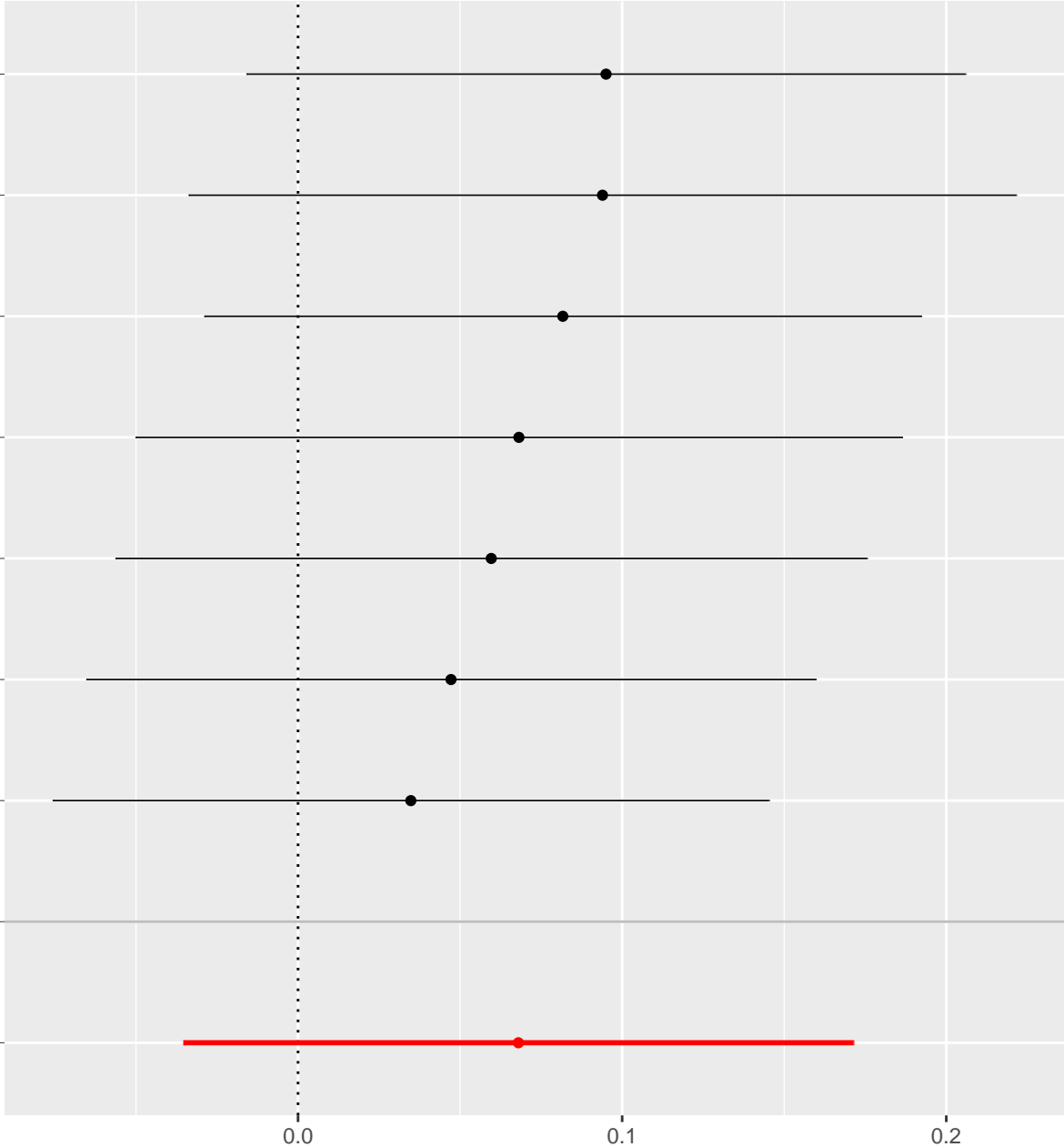
rs6738627

rs693839

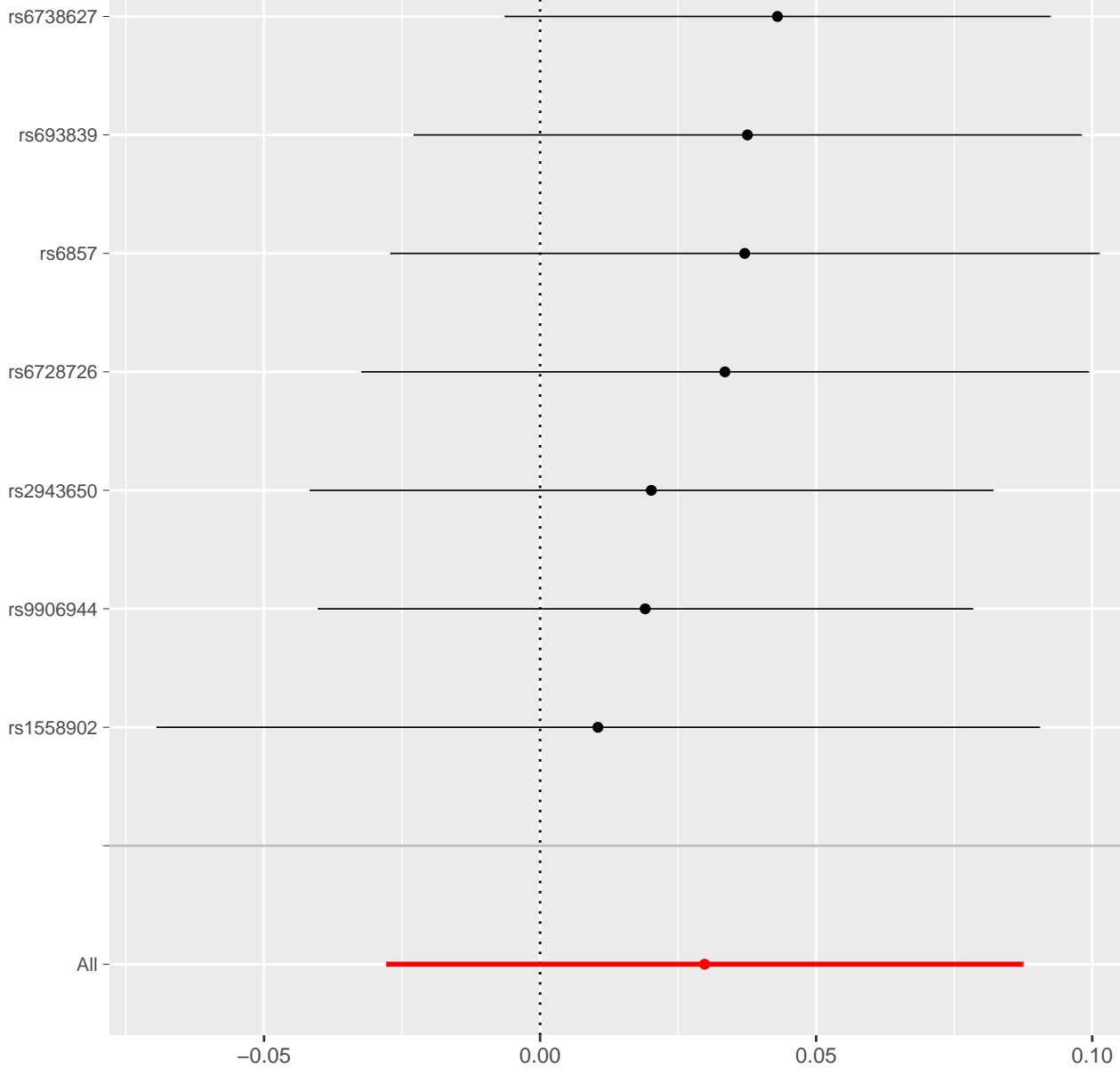
rs2943650

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Dehydroisoandrosterone sulfate (DHEA-S) || id:478'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Propionylcarnitine || id:479'

rs1558902

rs6857

rs9906944

rs2943650

rs693839

rs6728726

rs6738627

All

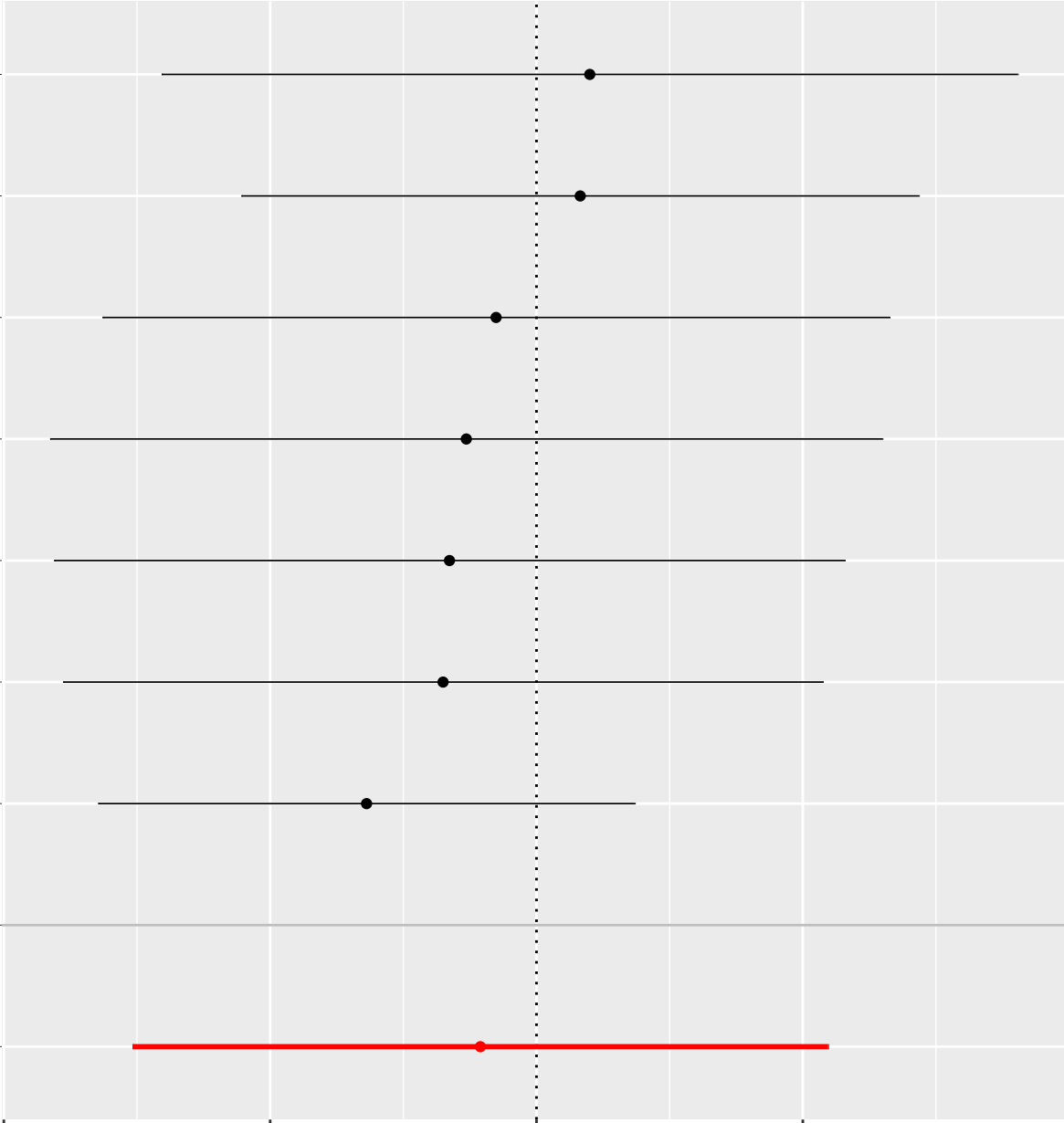
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Caproate (6:0) || id:480'



rs1558902

rs9906944

rs6857

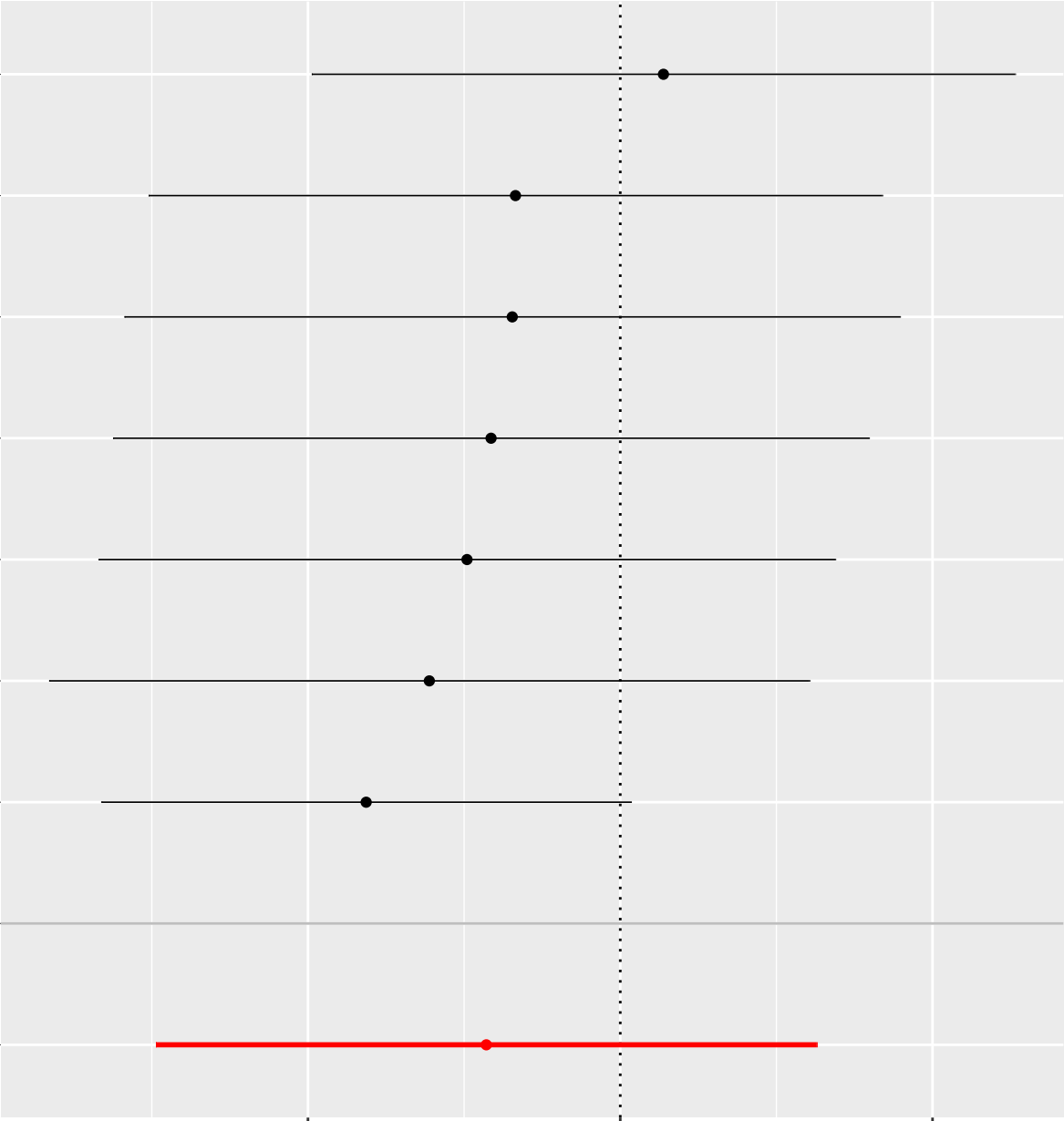
rs6728726

rs693839

rs2943650

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Caprylate (8:0) || id:481'

rs1558902

rs6857

rs693839

rs6738627

rs6728726

rs2943650

rs9906944

All

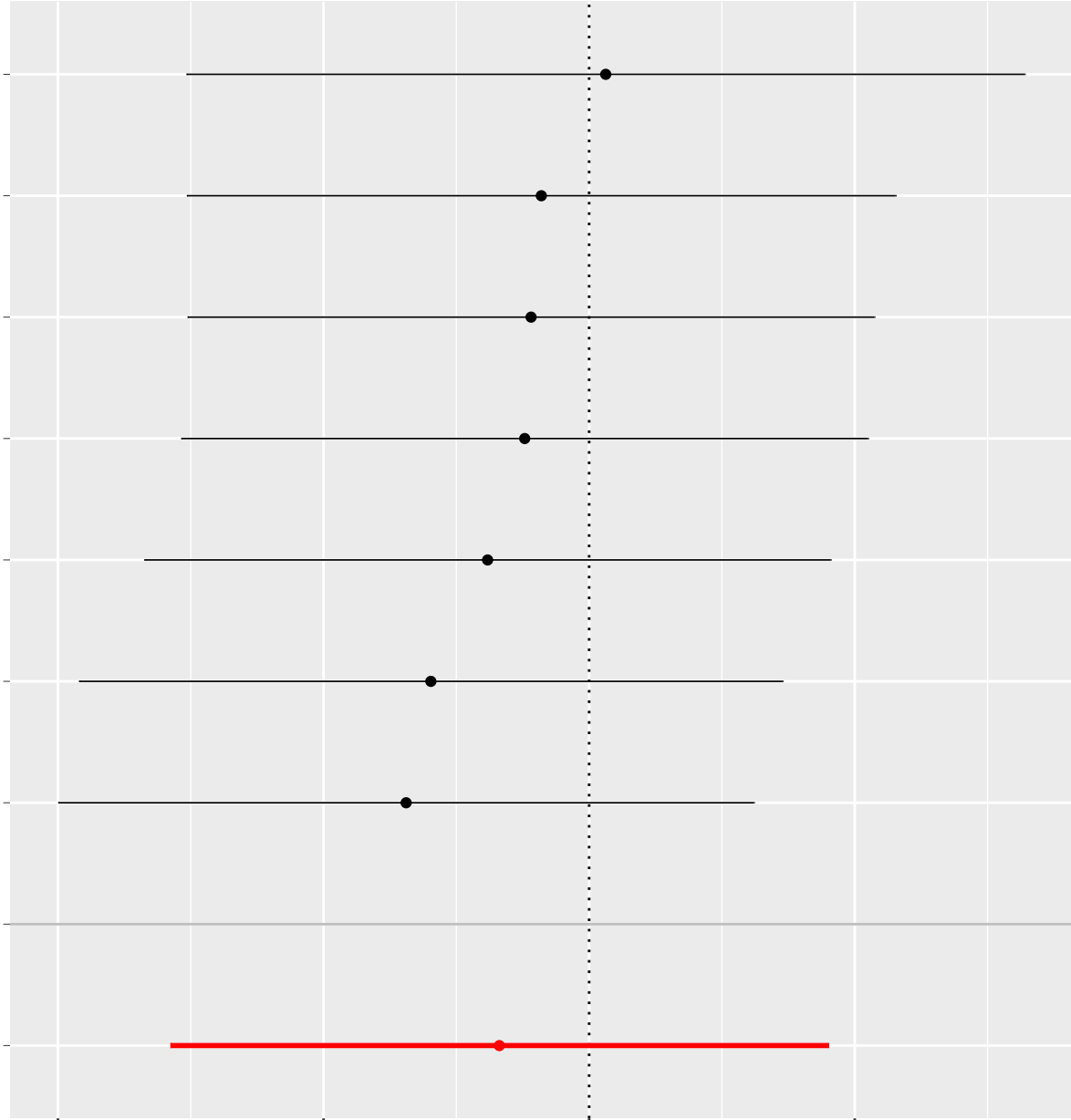
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '10-undecenoate (11:1n1) || id:482'



rs1558902

rs6857

rs6738627

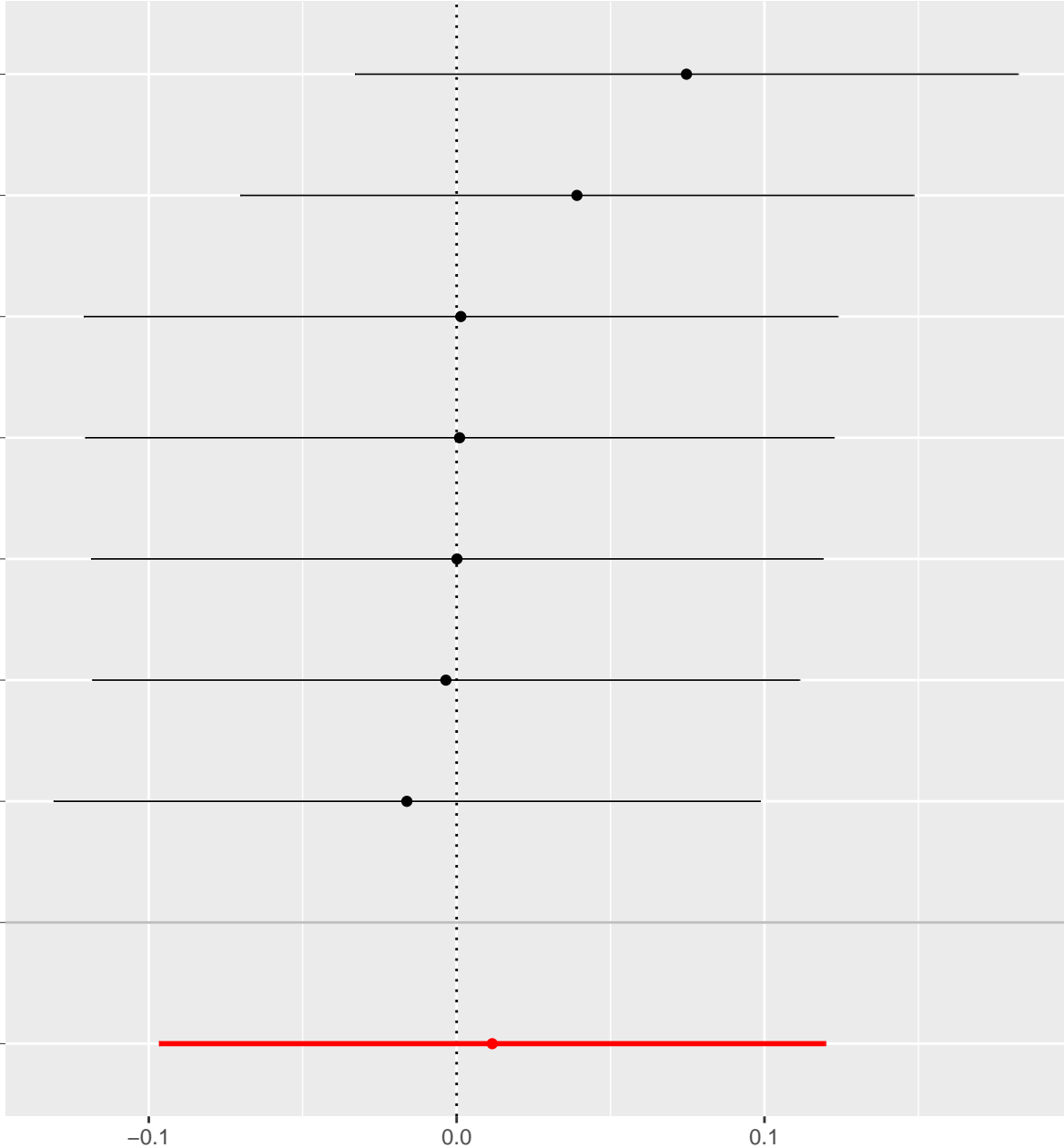
rs9906944

rs6728726

rs693839

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Docosapentaenoate (n3 DPA; 22:5n3) || id:483'

rs9906944

rs693839

rs1558902

rs6738627

rs6857

rs6728726

rs2943650

All

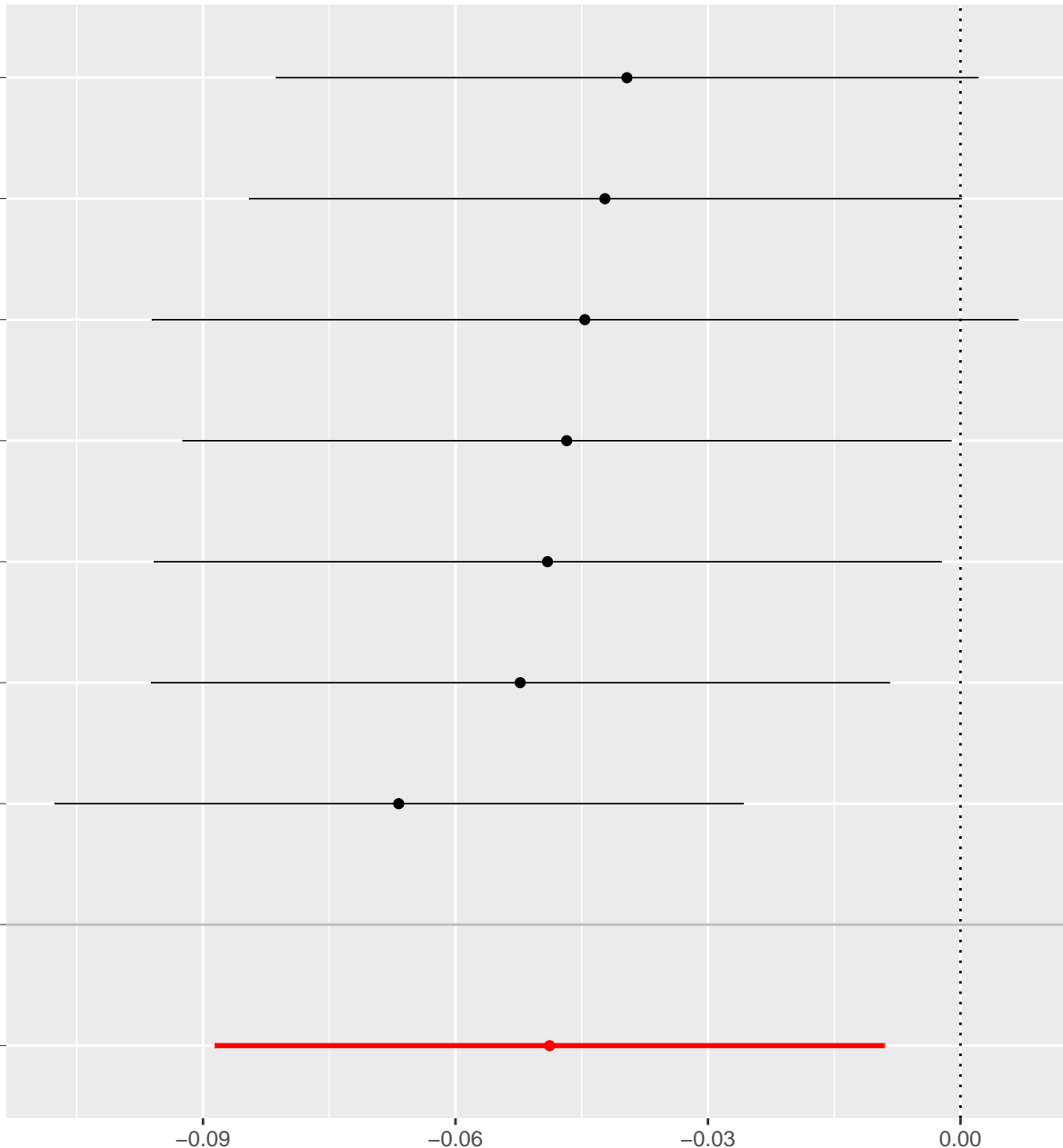
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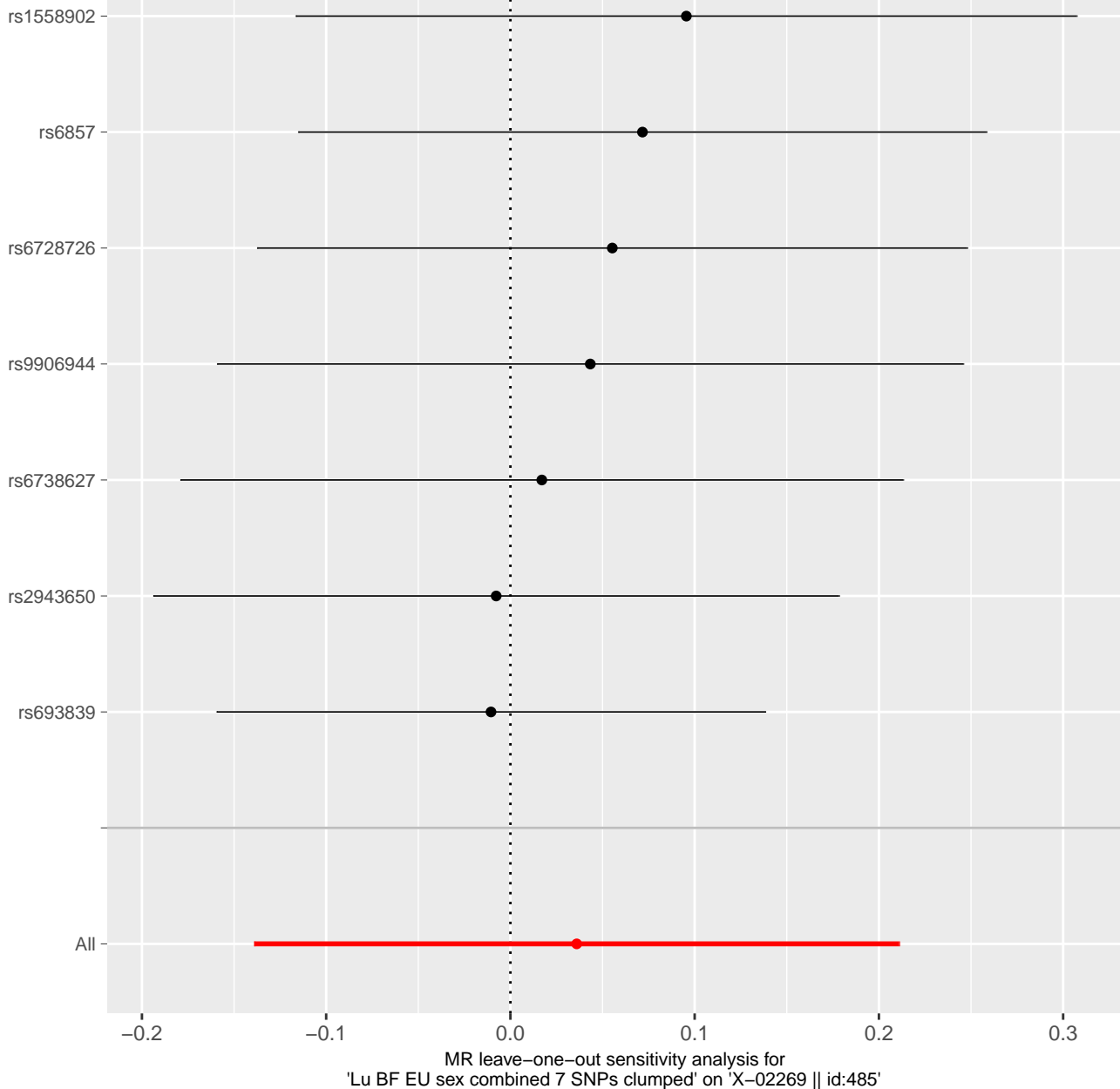
-0.06

-0.03

0.00

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11204 || id:484'





rs6738627

rs1558902

rs6857

rs693839

rs6728726

rs2943650

rs9906944

All

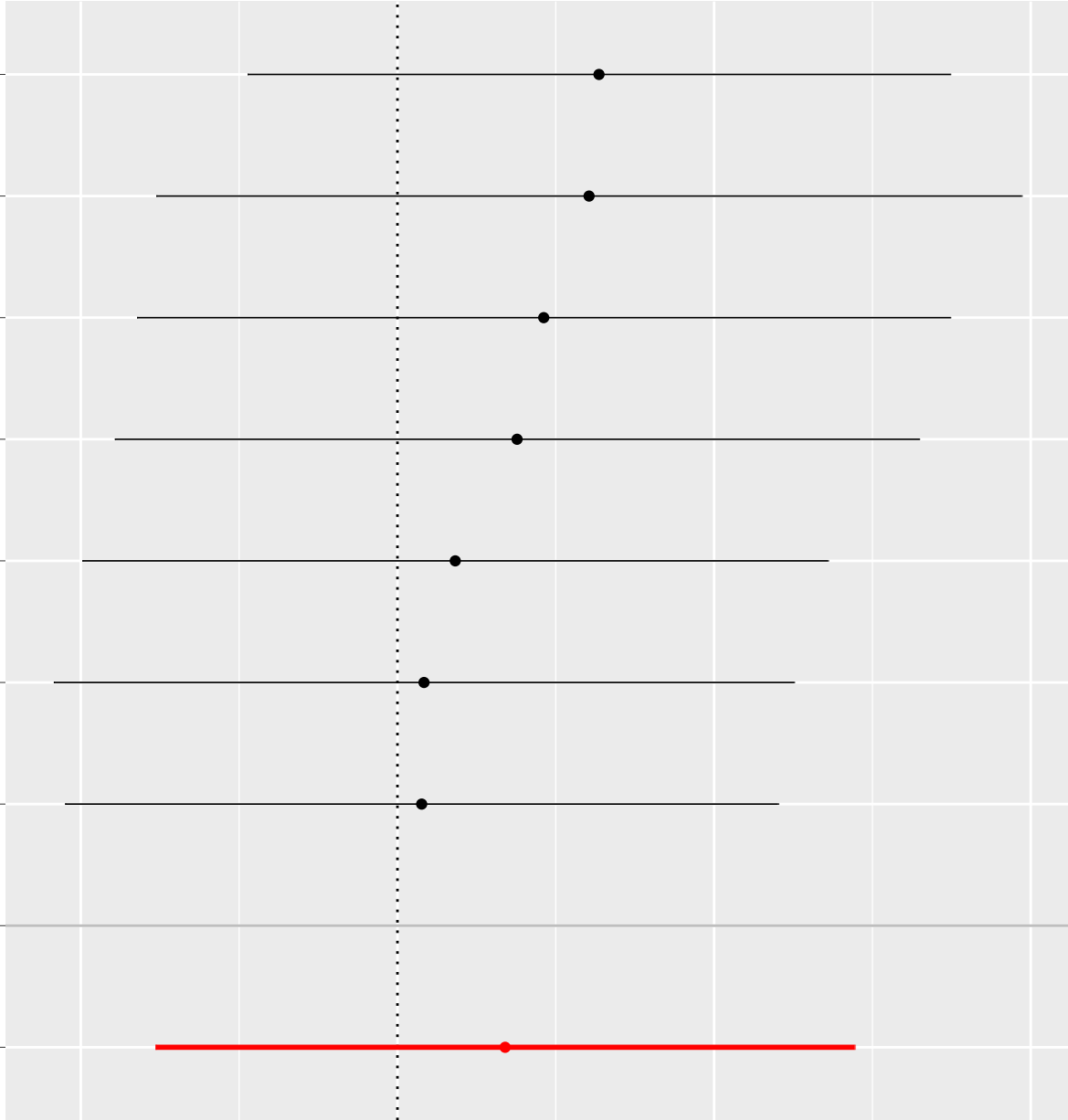
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Phenol sulfate || id:486'



rs6728726

rs2943650

rs693839

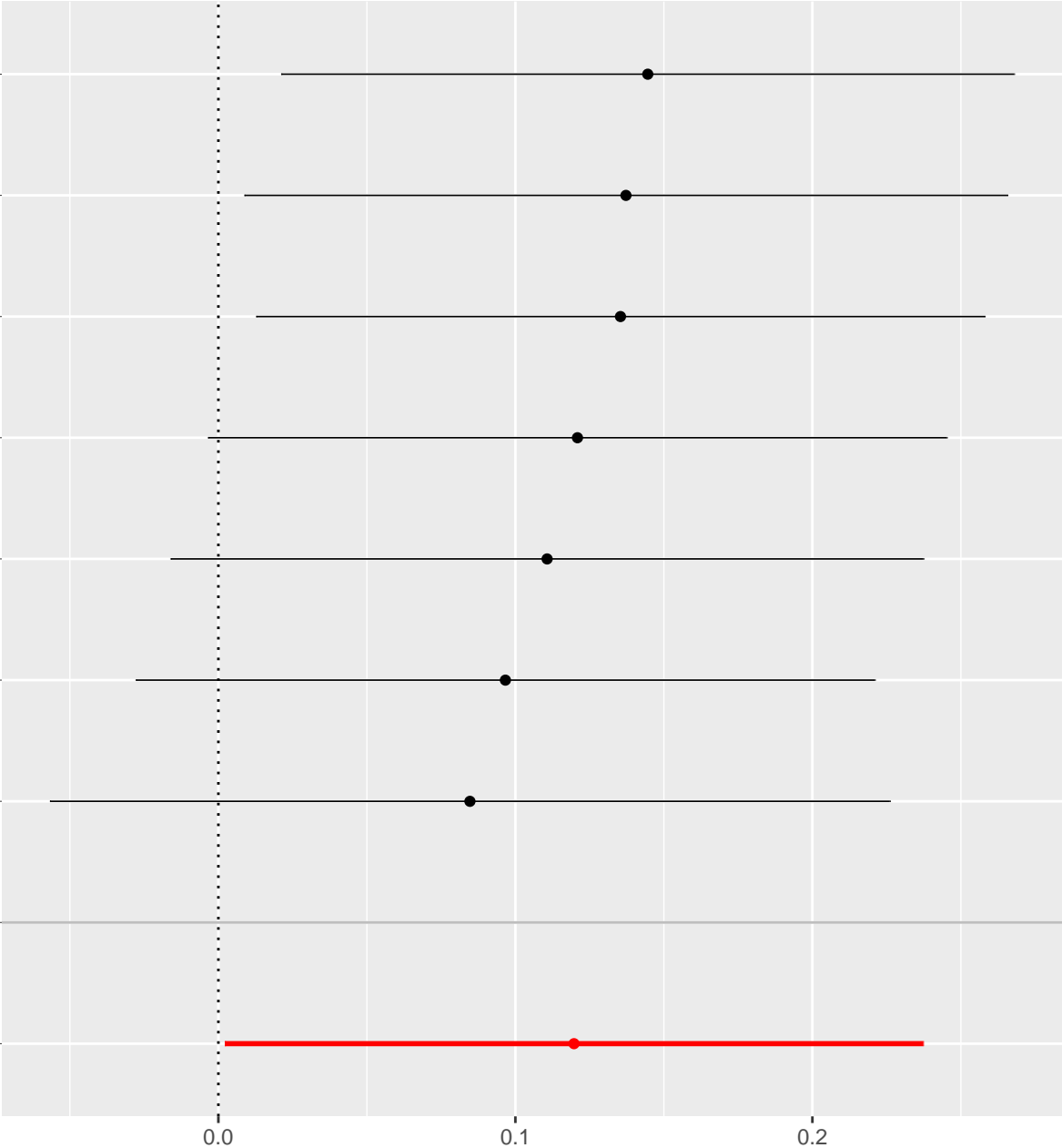
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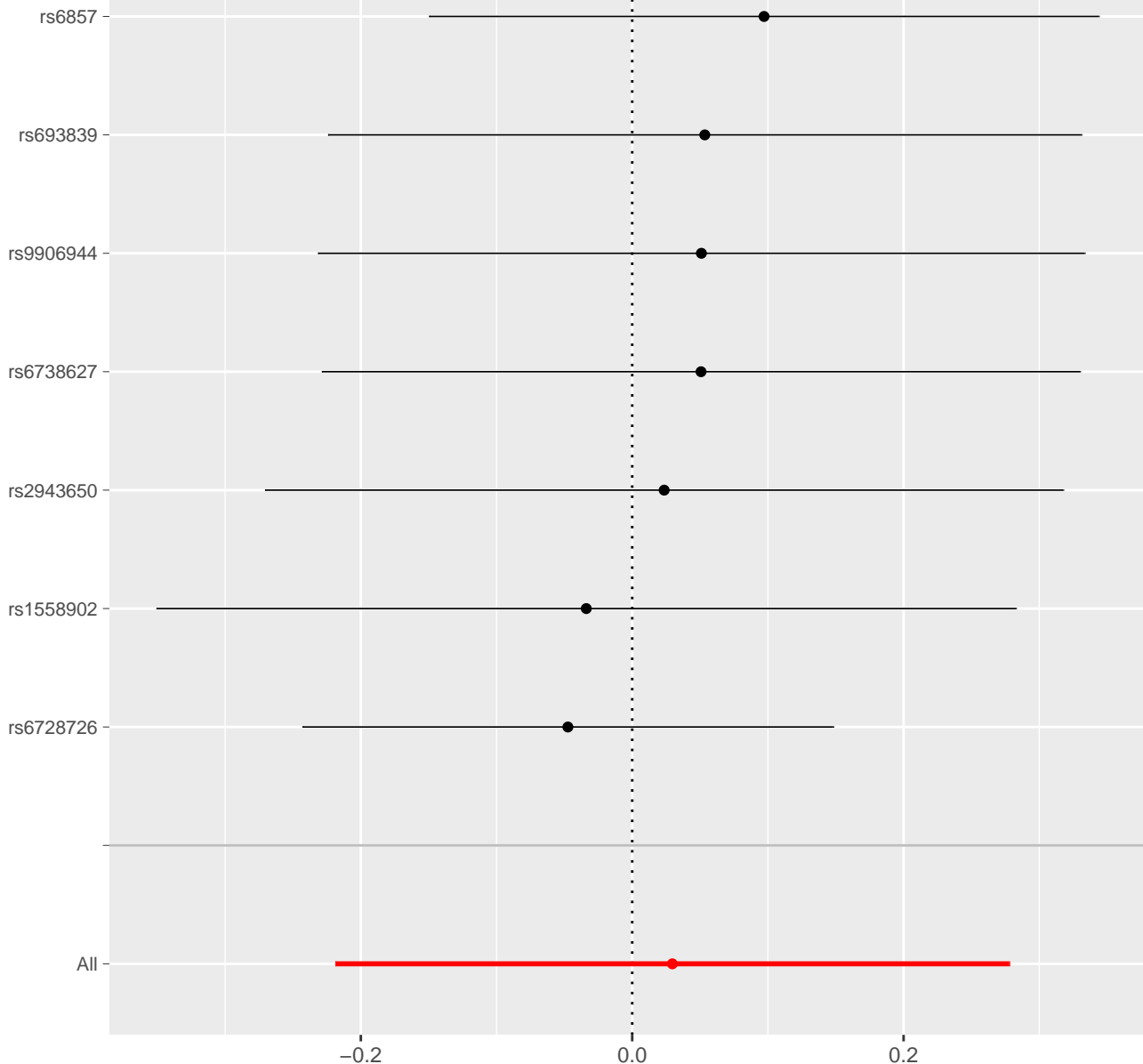
rs9906944

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-06126 || id:487'



rs1558902

rs6738627

rs6728726

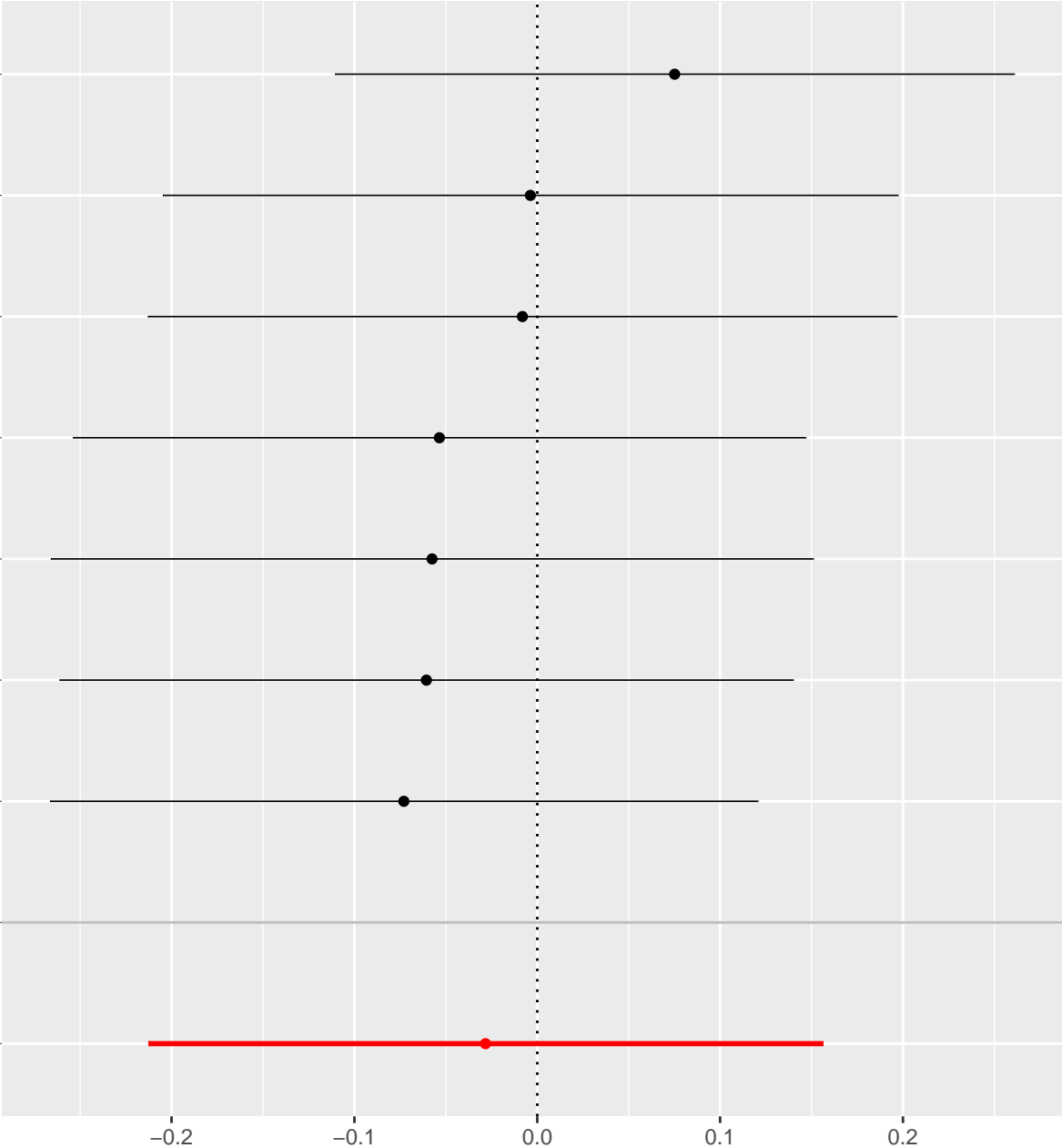
rs693839

rs6857

rs9906944

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11247 || id:489'

rs2943650

rs6738627

rs6857

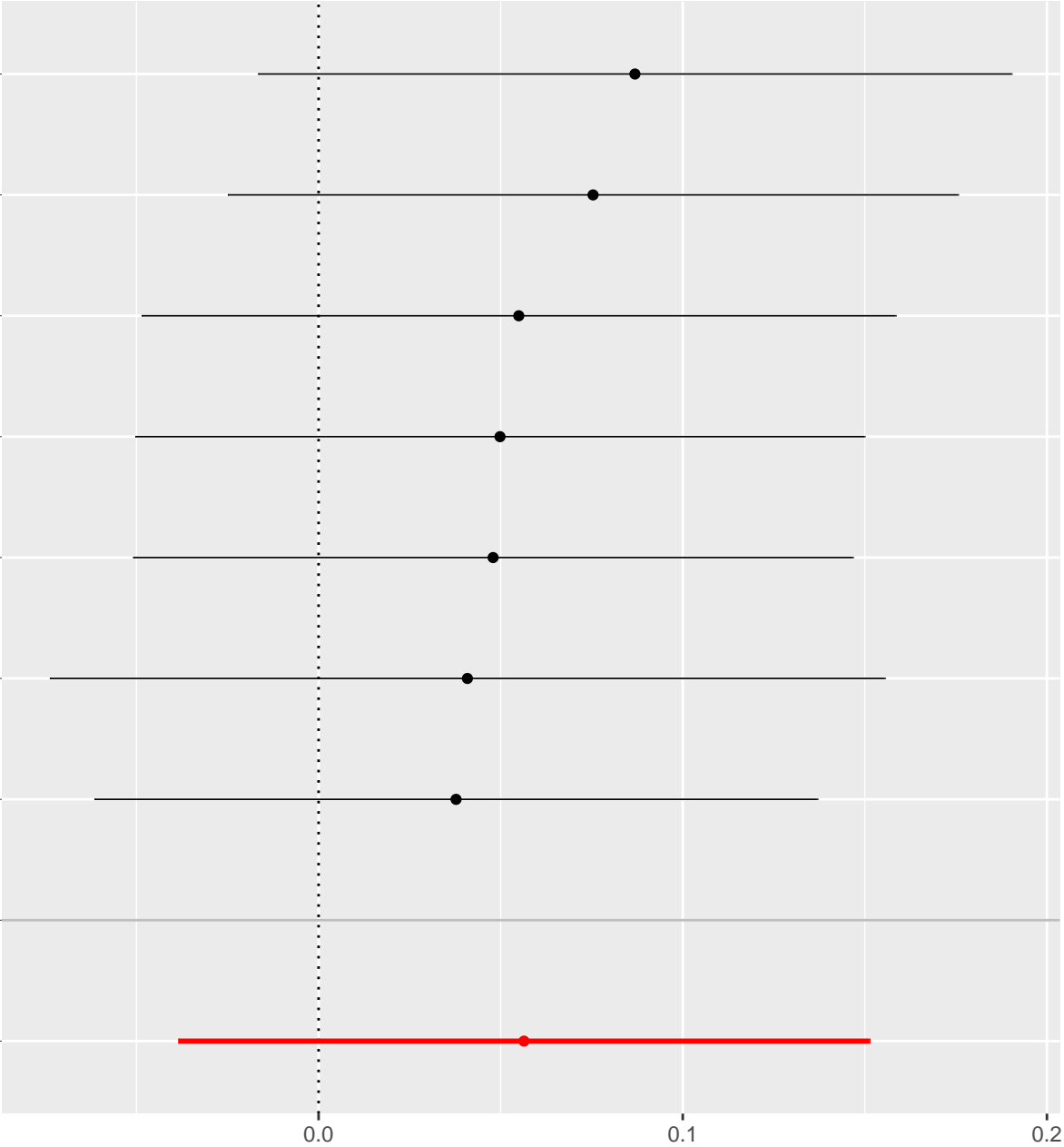
rs9906944

rs693839

rs1558902

rs6728726

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11261 || id:490'

rs1558902

rs6857

rs693839

rs9906944

rs6738627

rs6728726

rs2943650

All

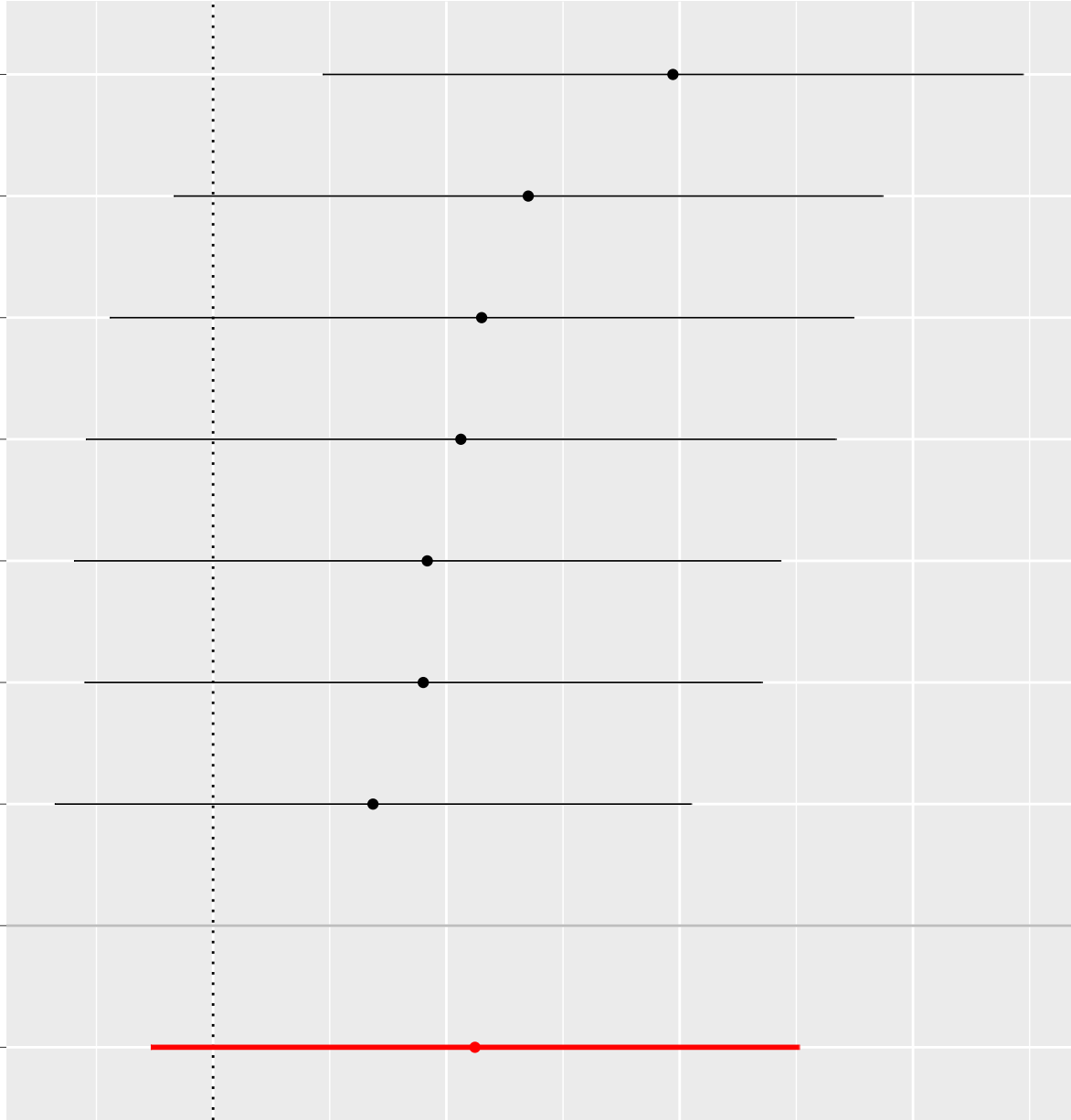
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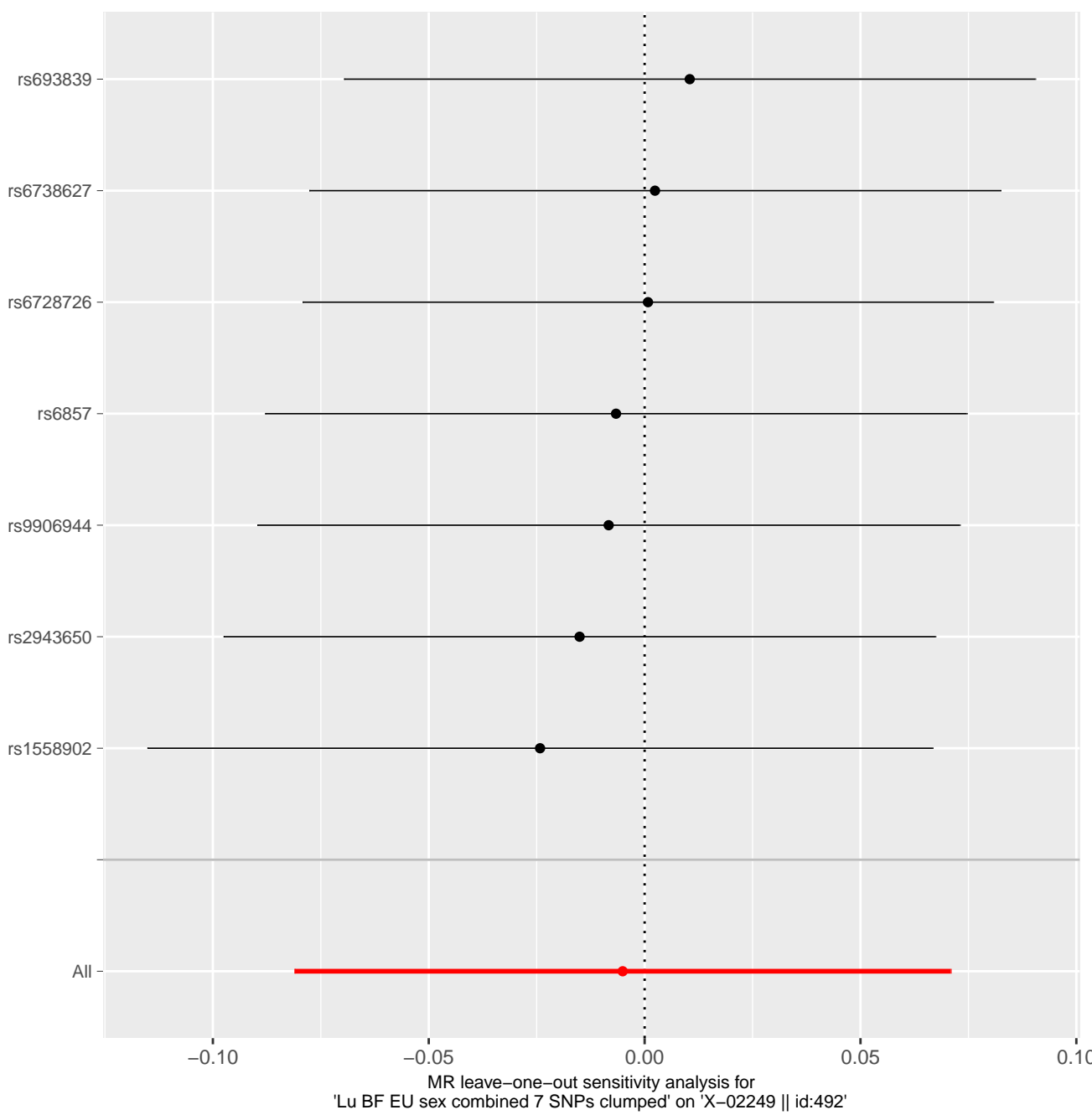
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0.3

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Bilirubin (E,E)* || id:491'





rs1558902

rs6857

rs693839

rs9906944

rs6738627

rs2943650

rs6728726

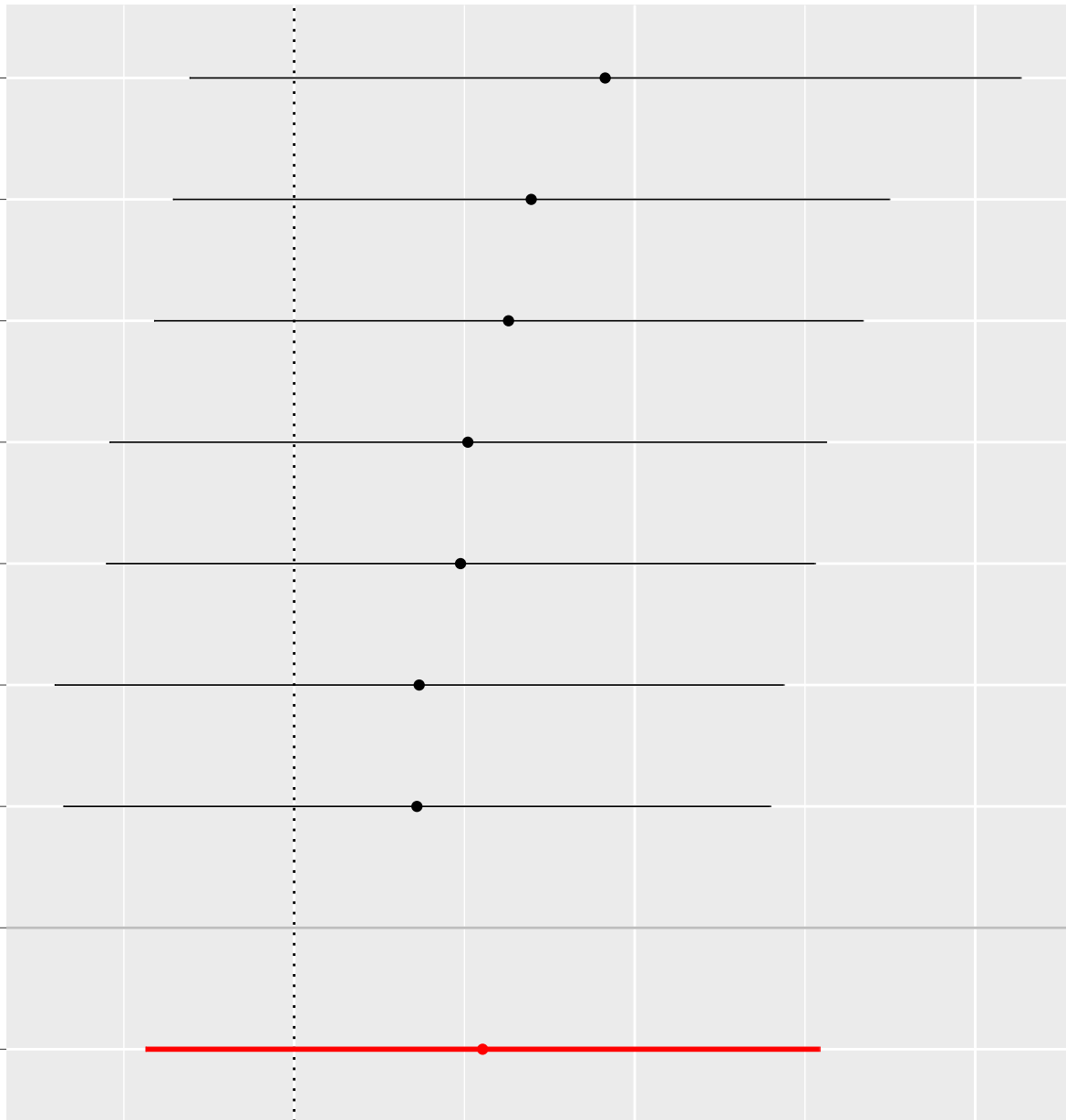
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0.2

MR leave-one-out sensitivity analysis for
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rs6728726

rs2943650

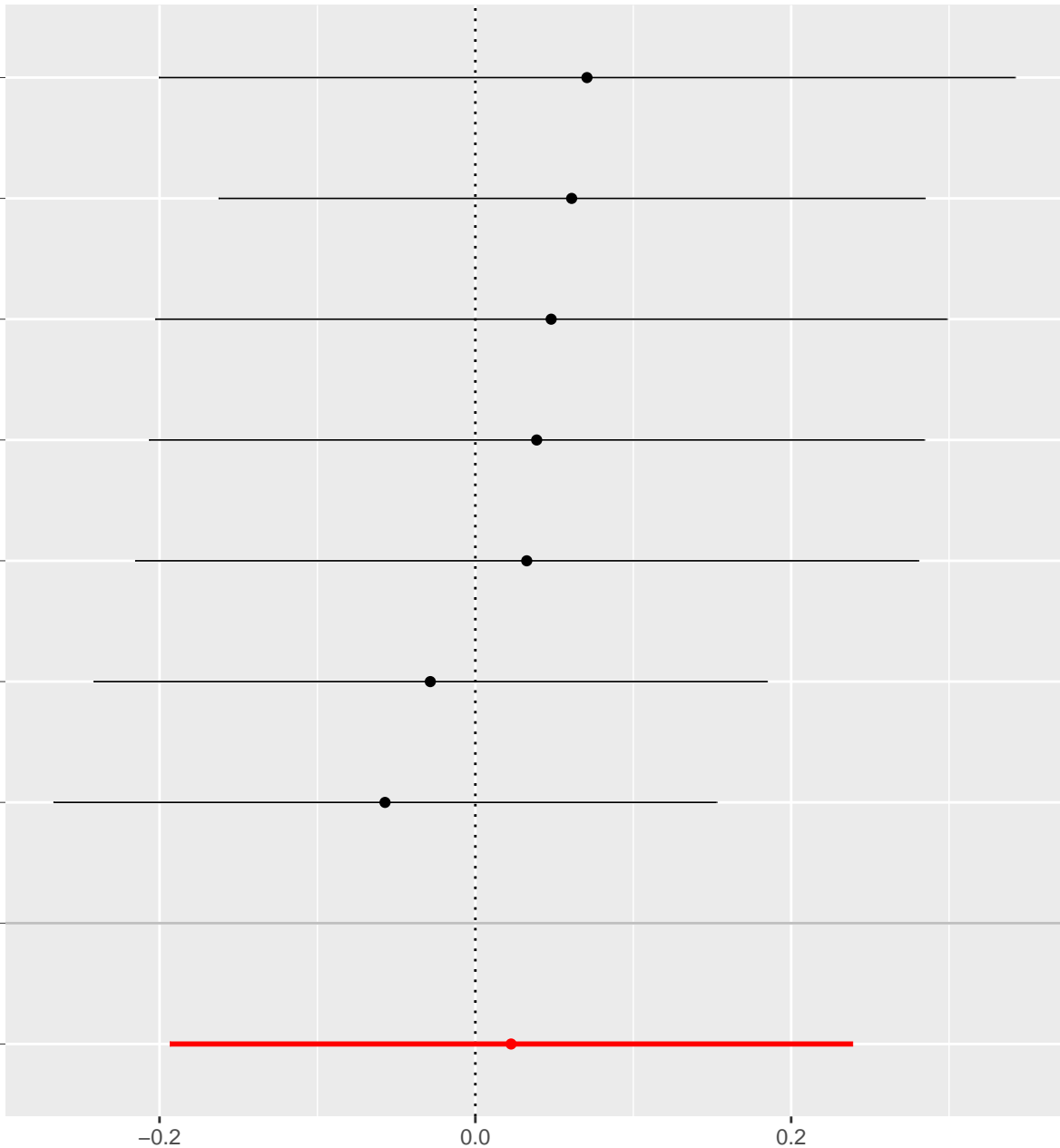
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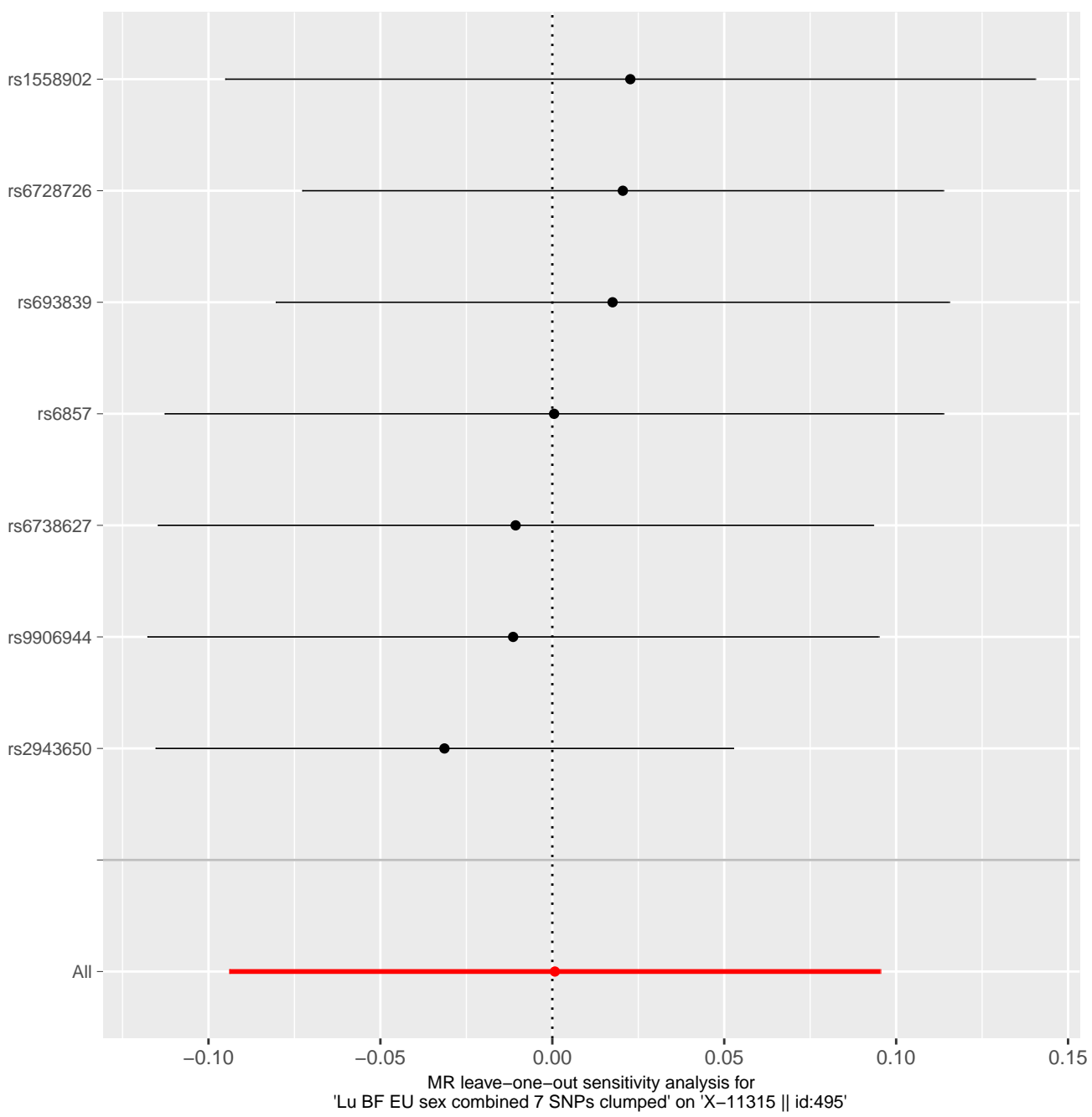
rs9906944

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11299 || id:494'



rs1558902

rs9906944

rs6728726

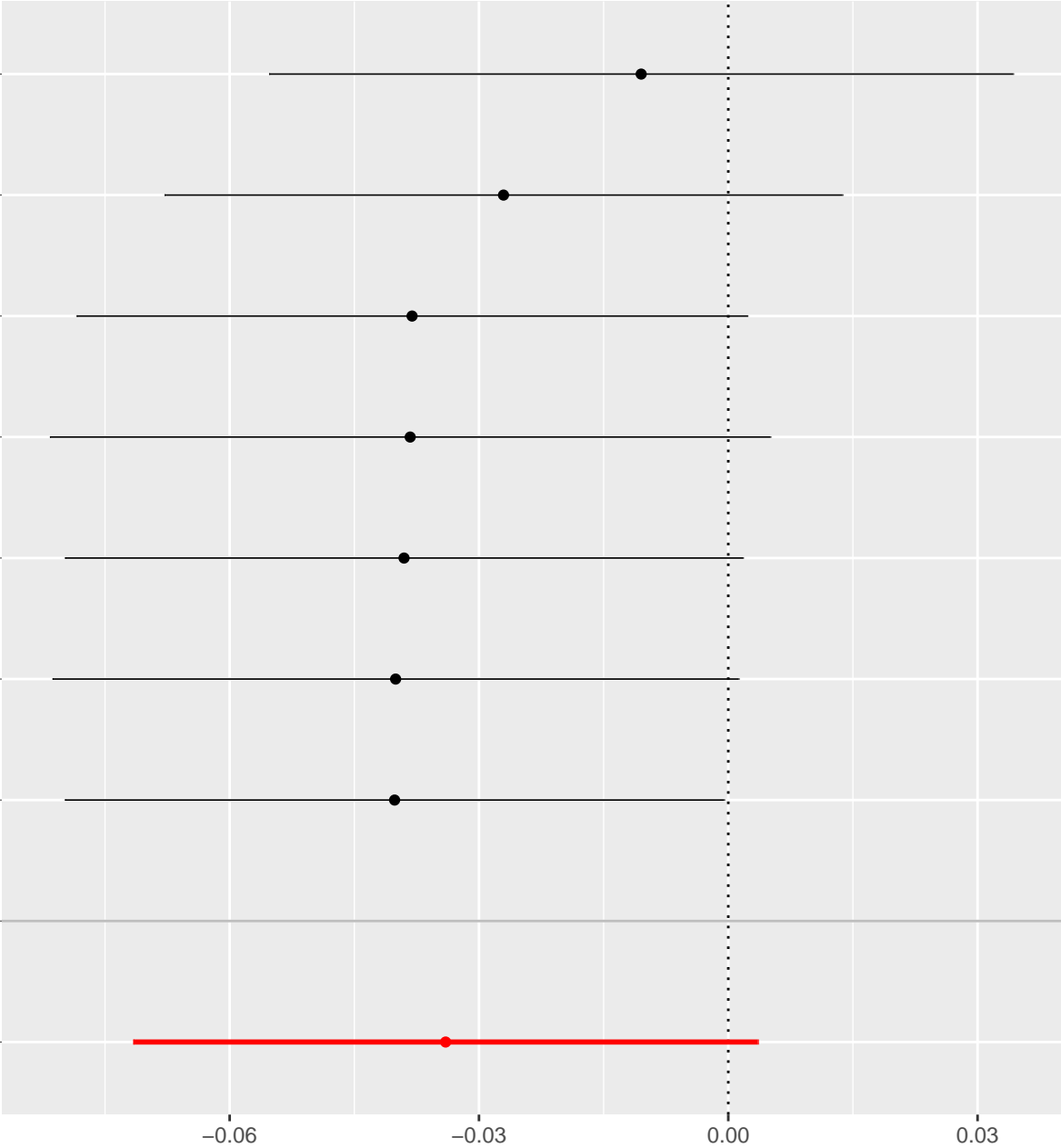
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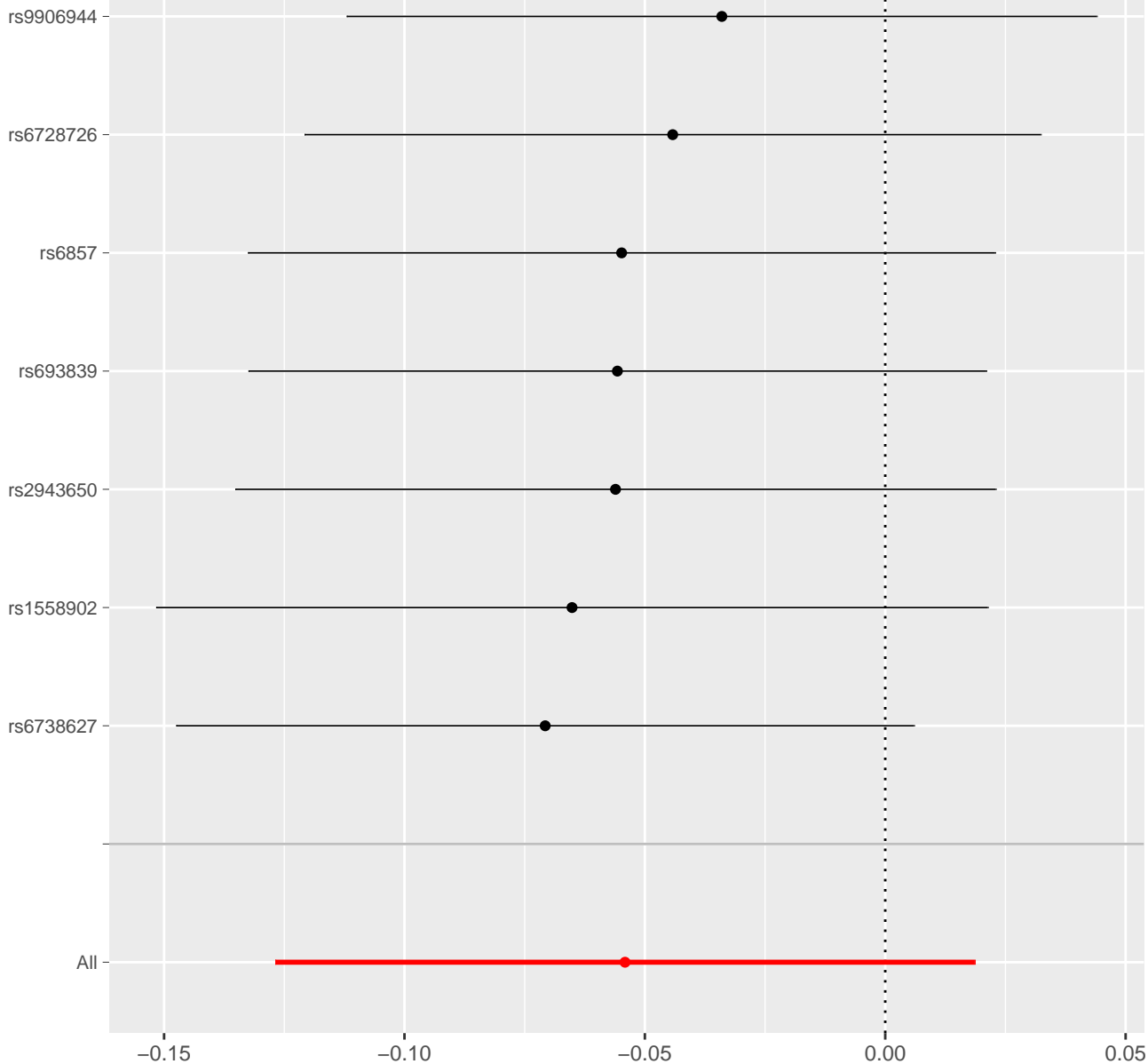
rs6857

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11317 || id:496'



MR leave-one-out sensitivity analysis for
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rs1558902

rs6728726

rs9906944

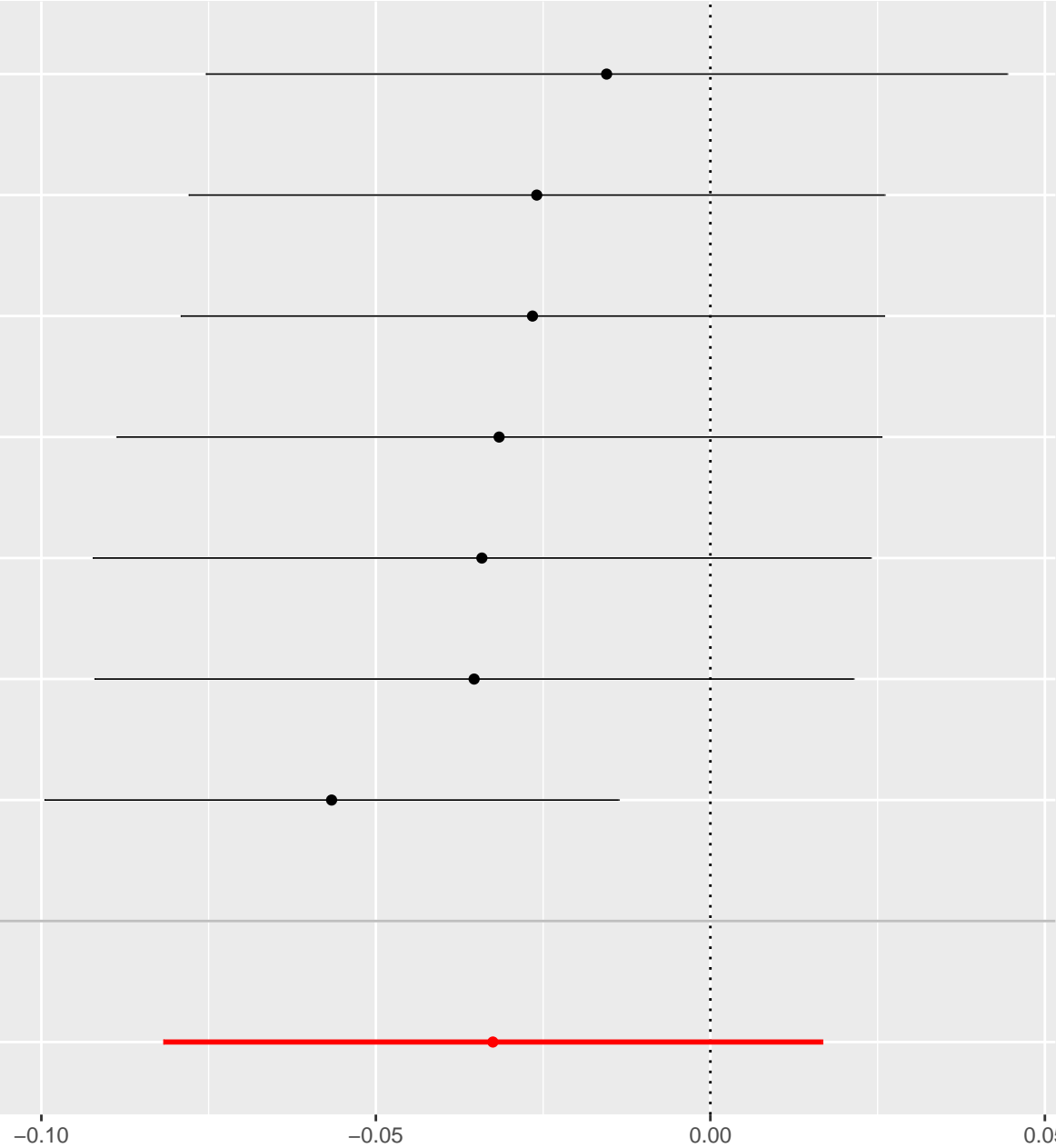
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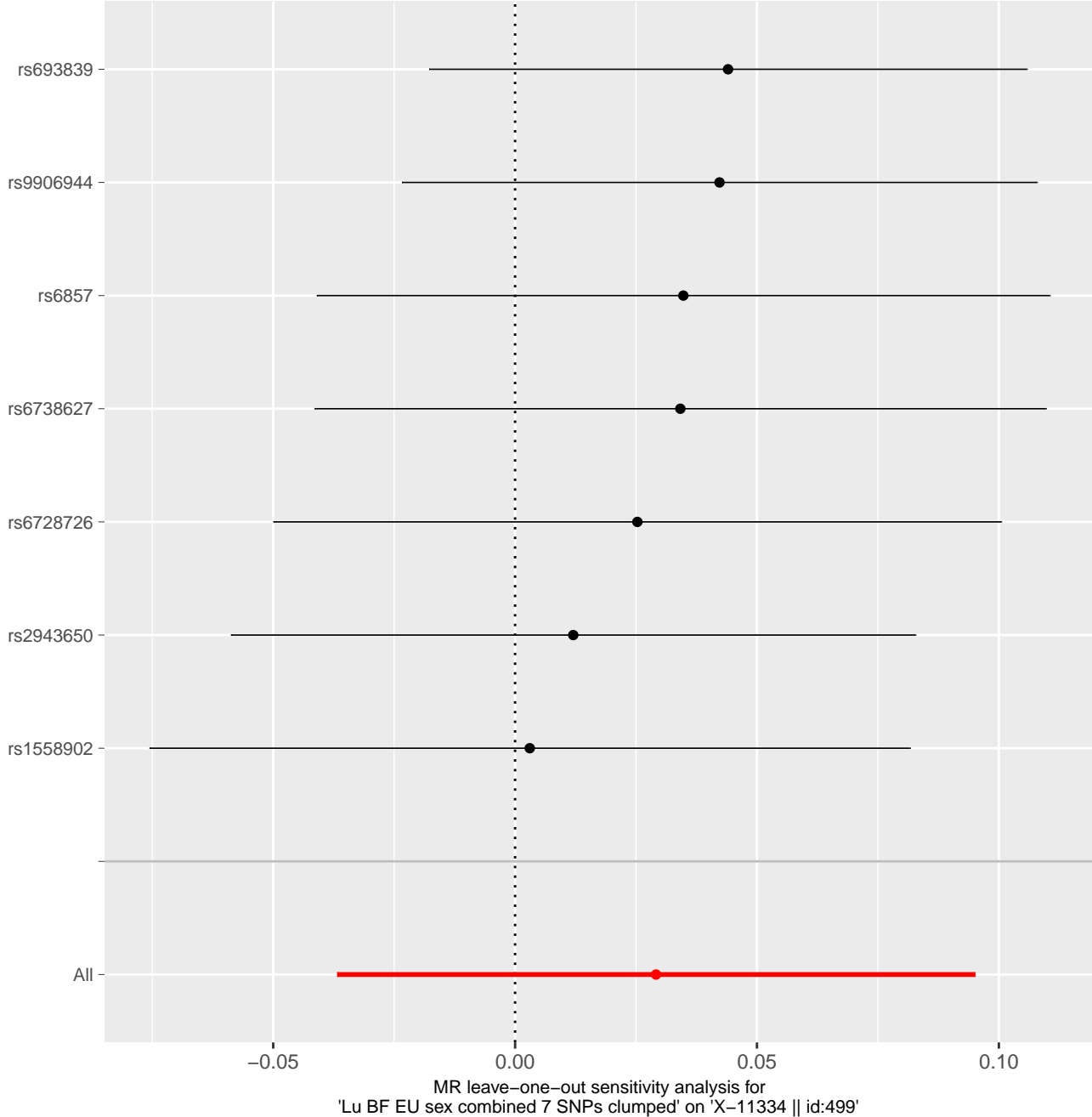
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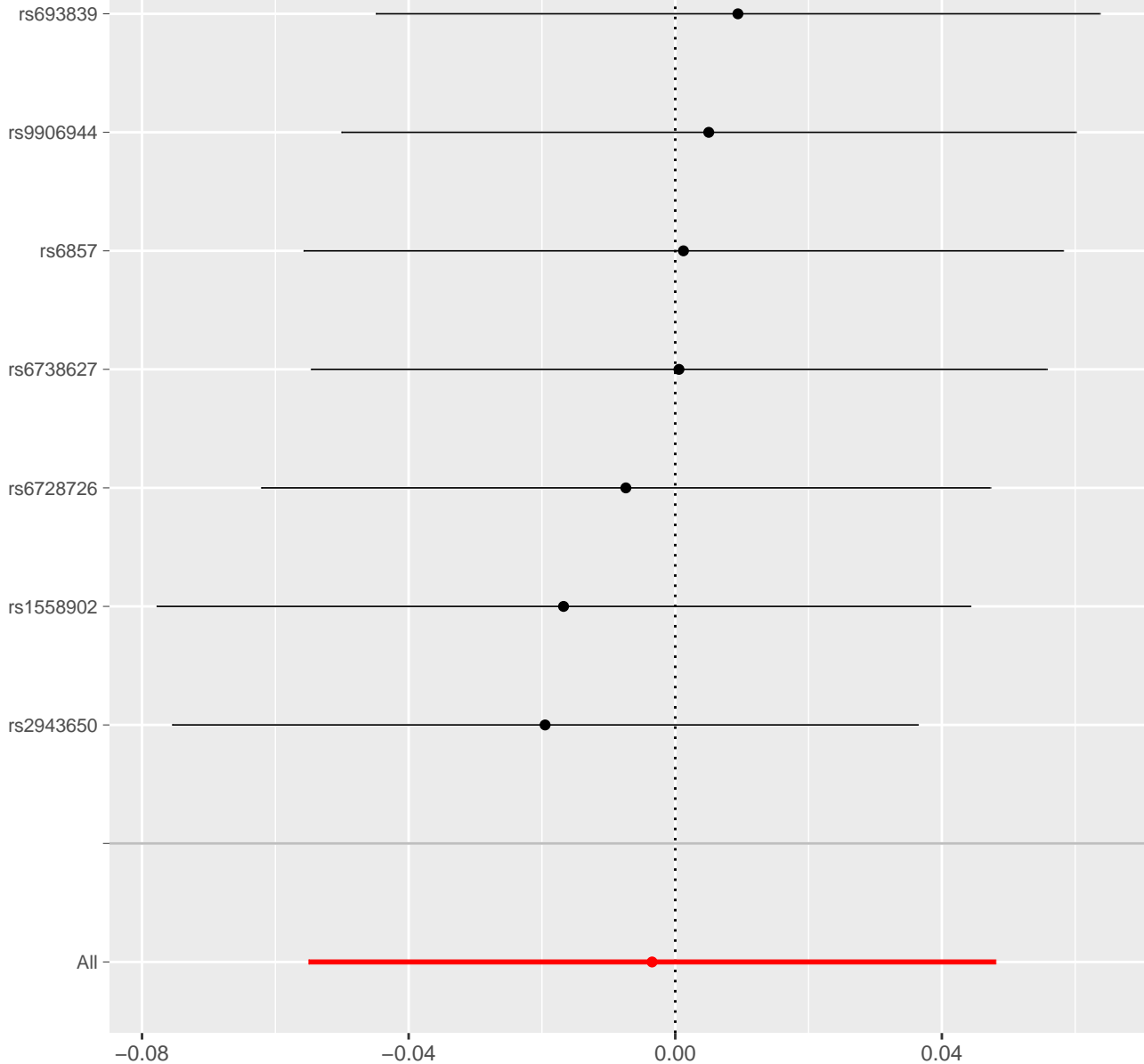
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All

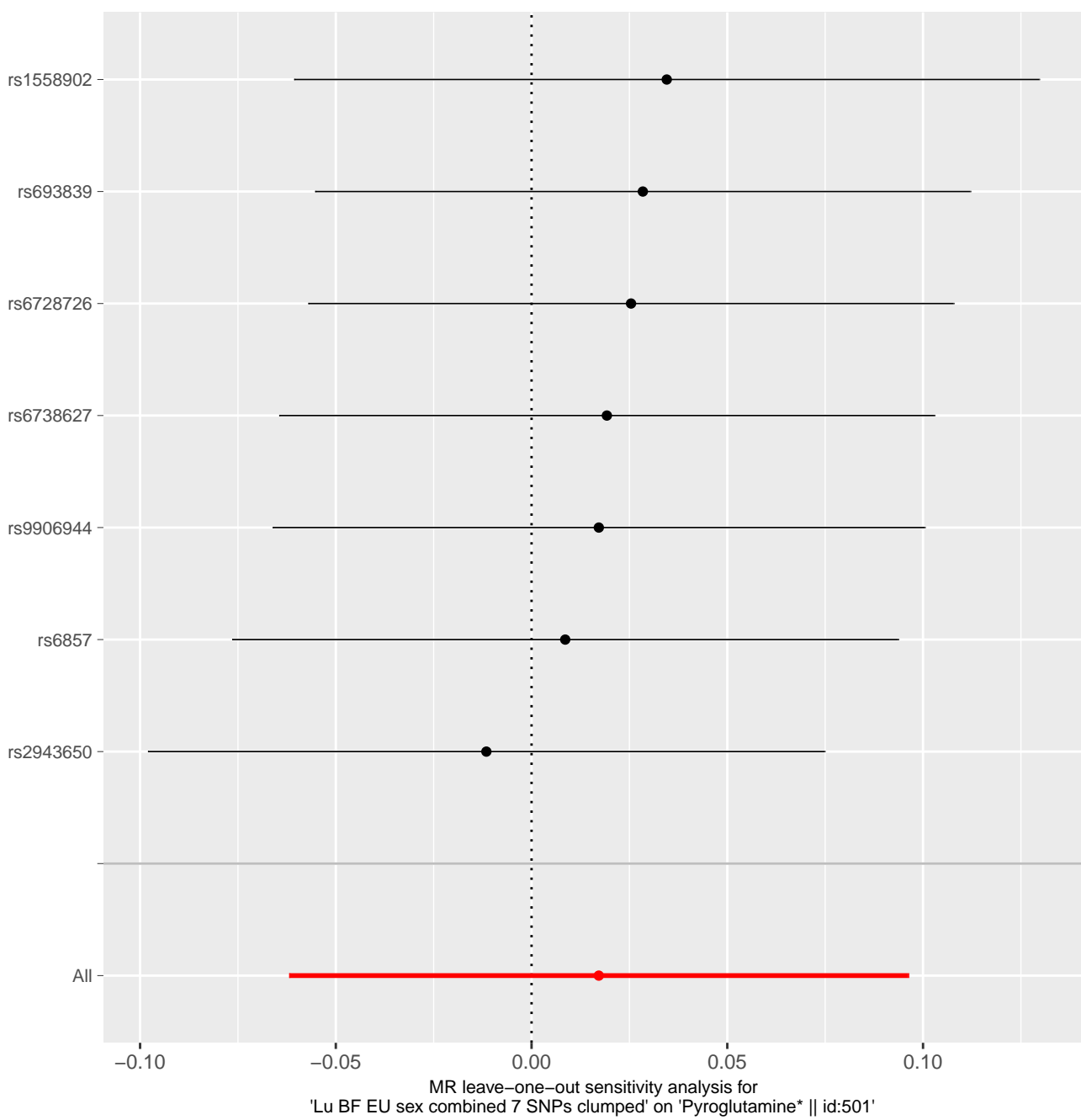


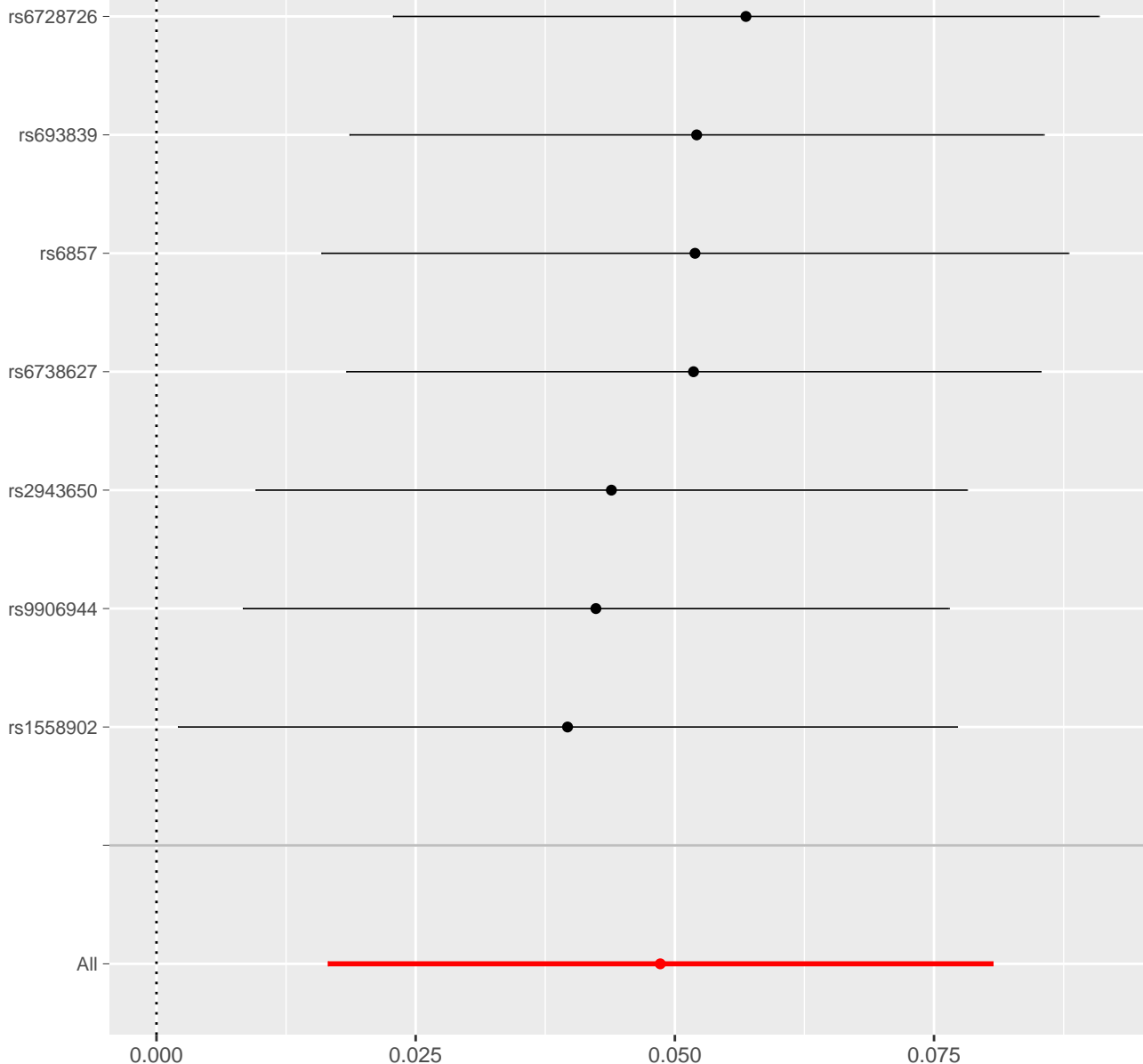
MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11327 || id:498'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '3-dehydrocarnitine* || id:500'





rs1558902

rs2943650

rs6857

rs693839

rs9906944

rs6738627

rs6728726

All

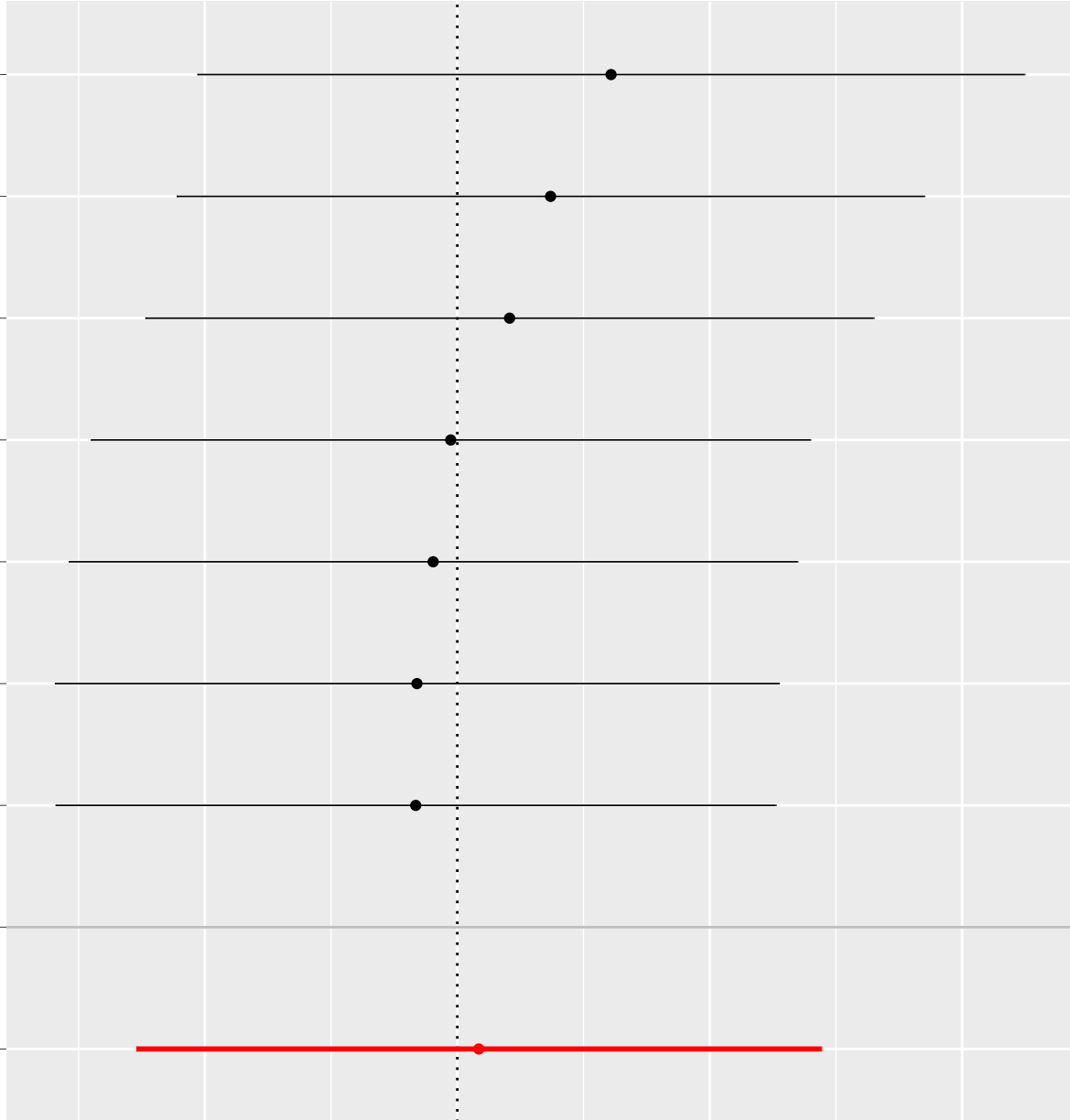
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0.2

MR leave-one-out sensitivity analysis for
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rs693839

rs1558902

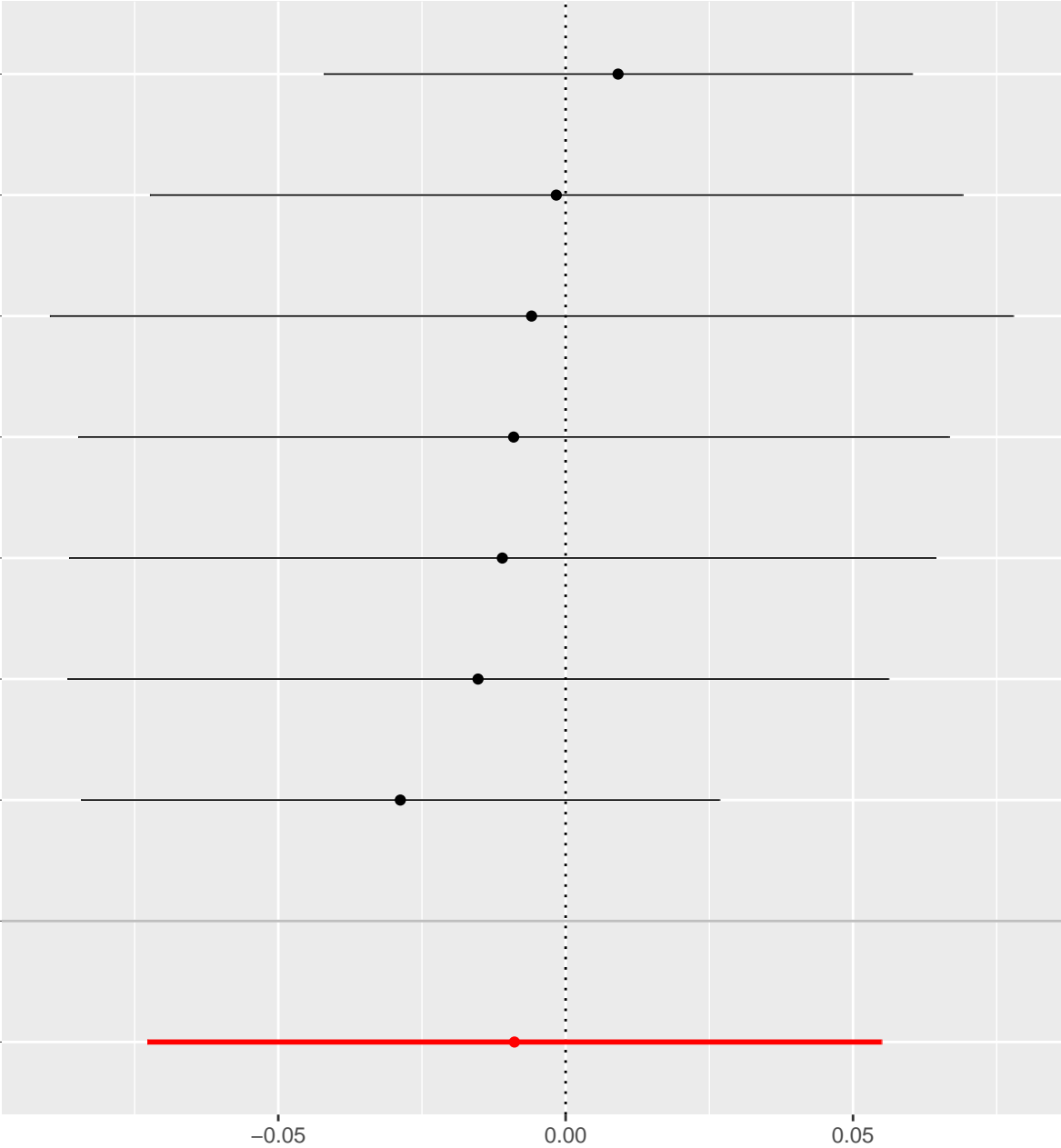
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rs6857

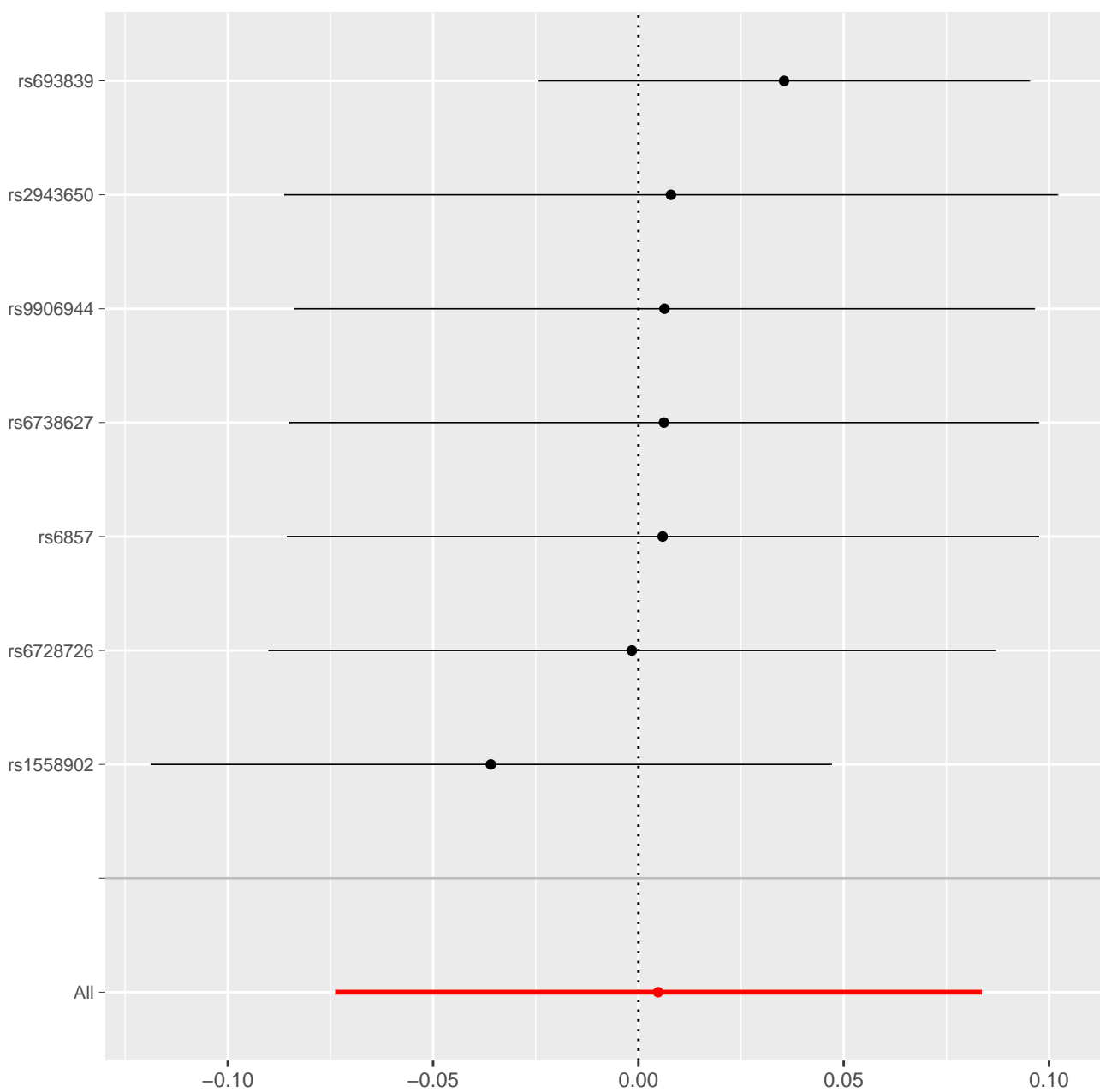
rs6738627

rs9906944

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11381 || id:504'



rs1558902

rs6738627

rs9906944

rs6728726

rs693839

rs2943650

rs6857

All

-0.050

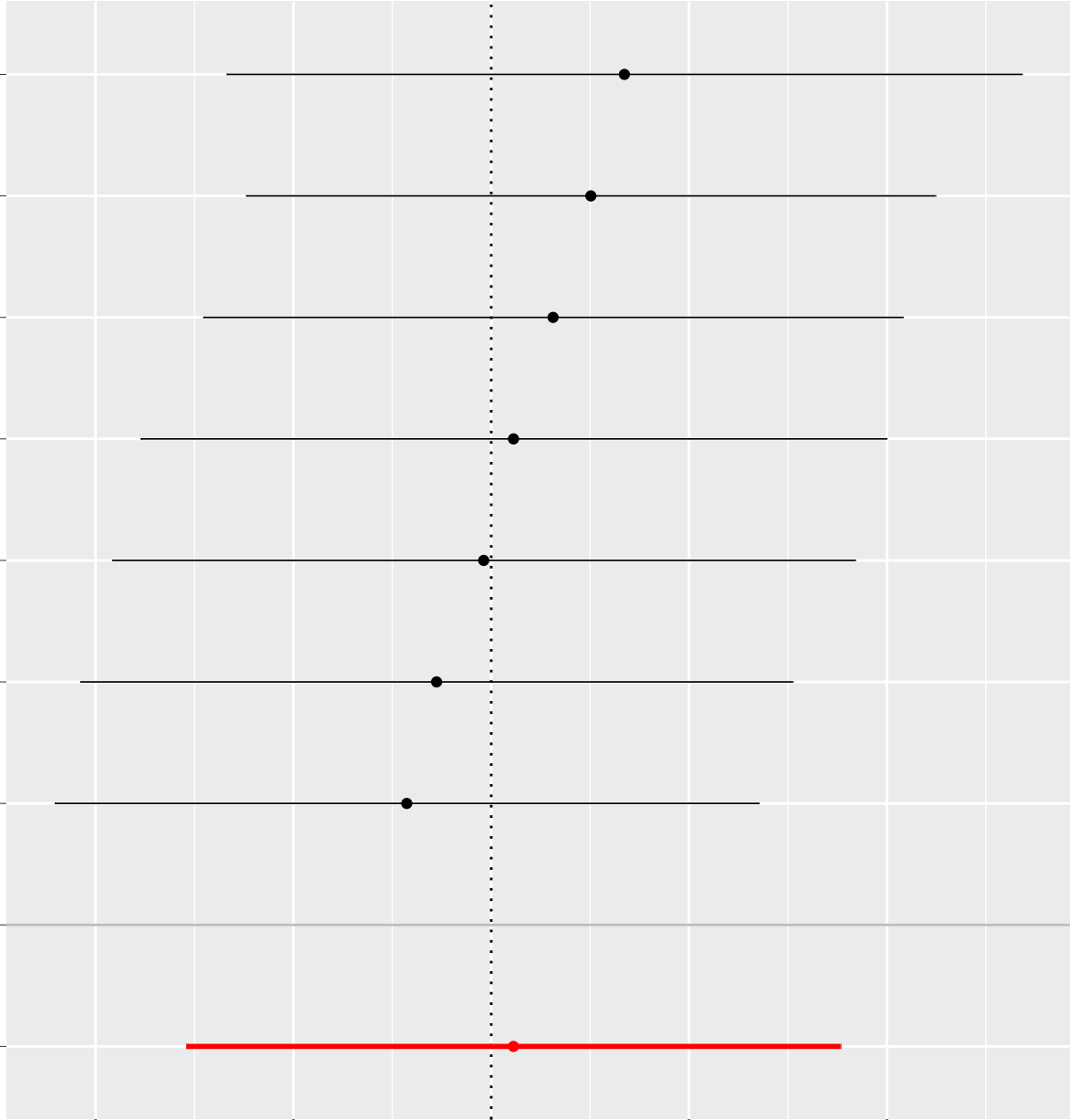
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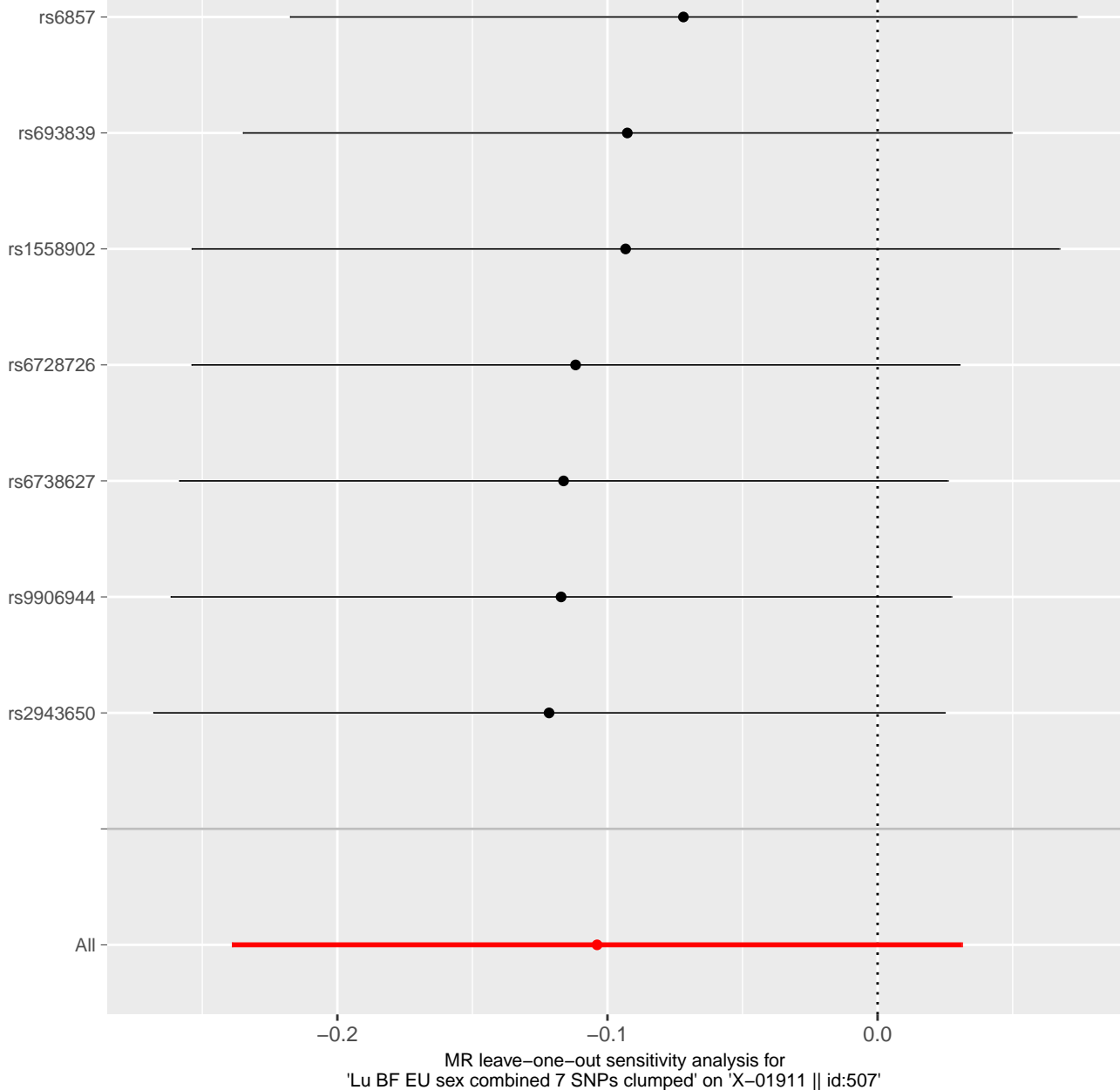
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MR leave-one-out sensitivity analysis for
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rs693839

rs6738627

rs6728726

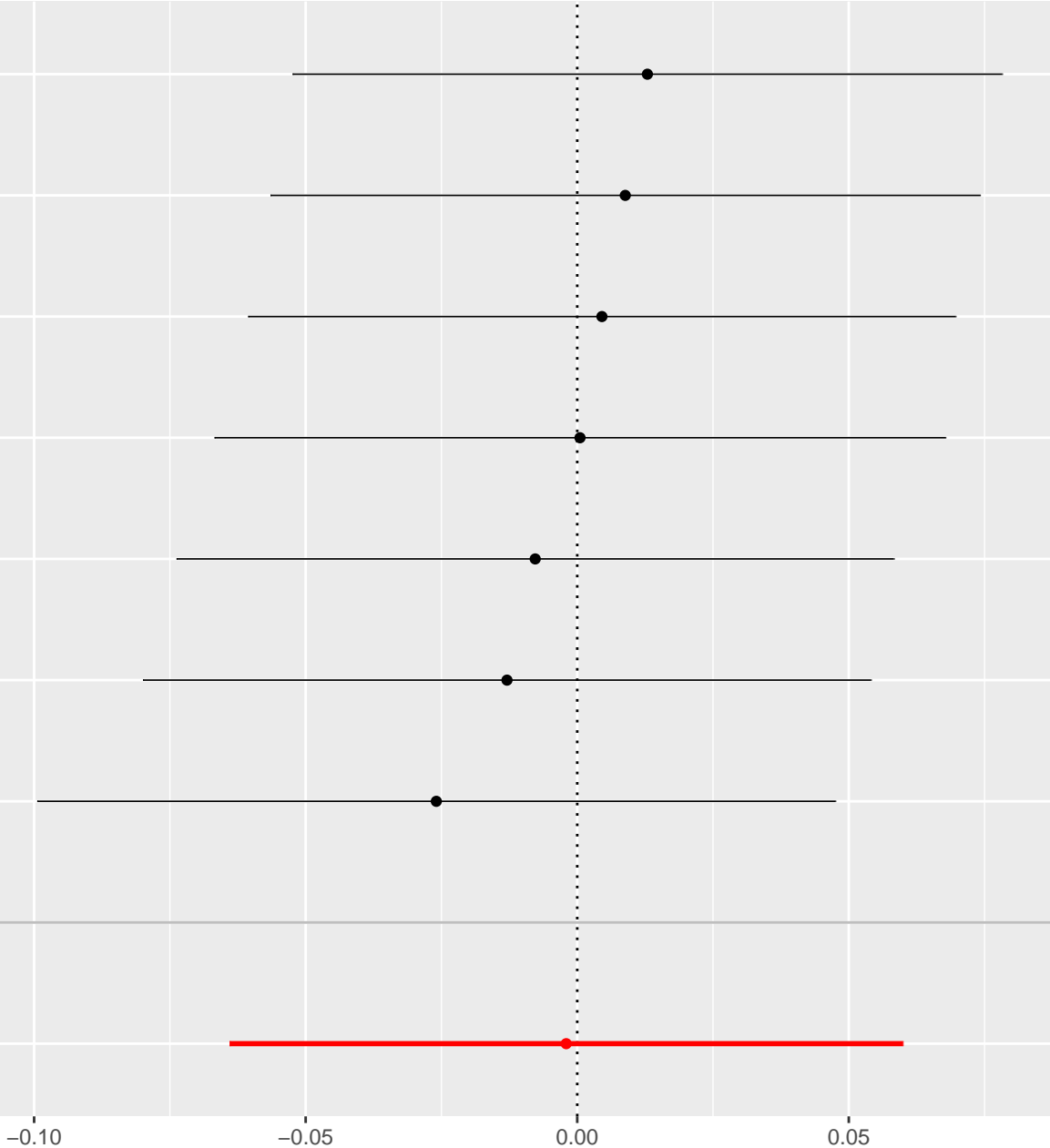
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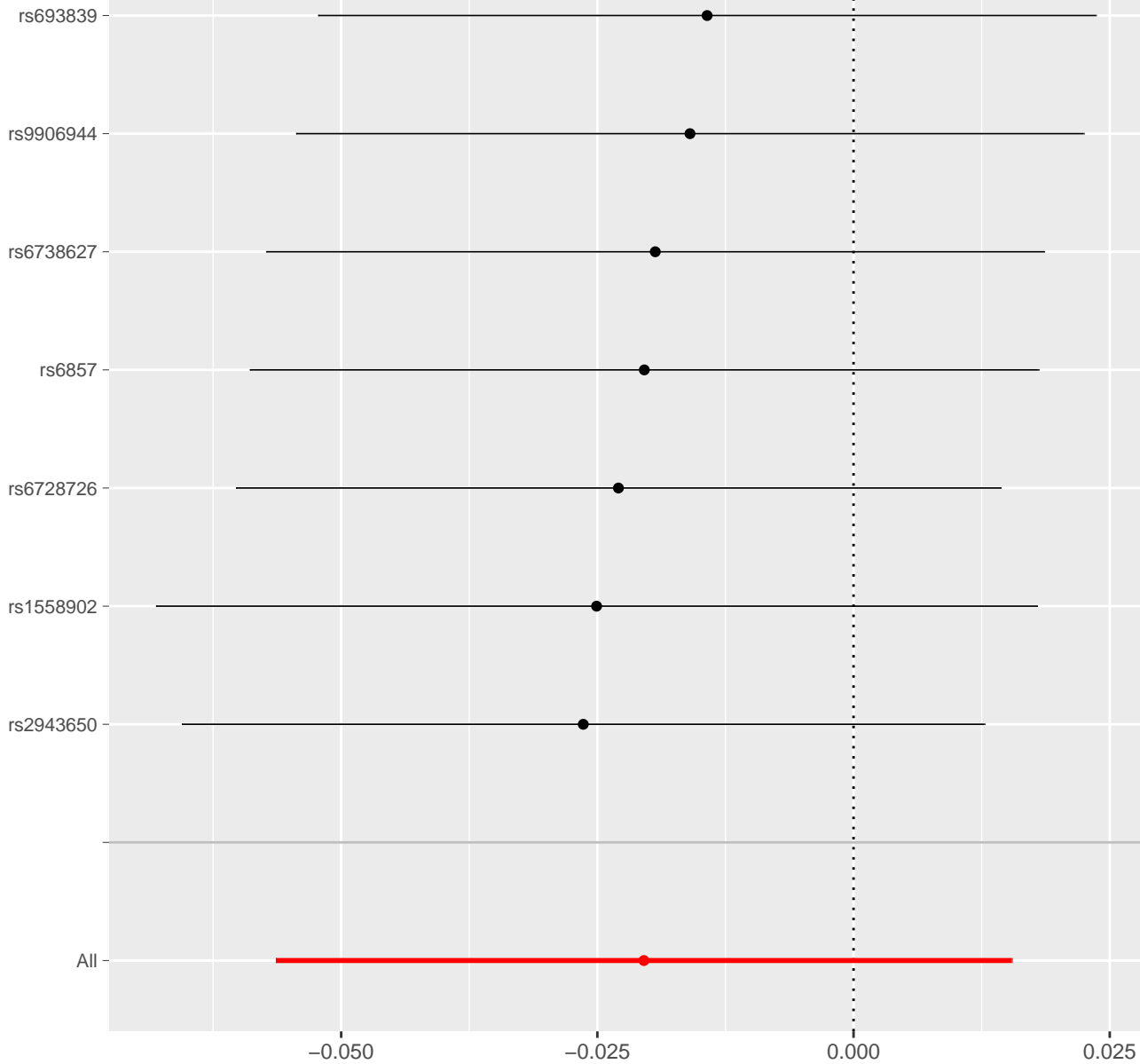
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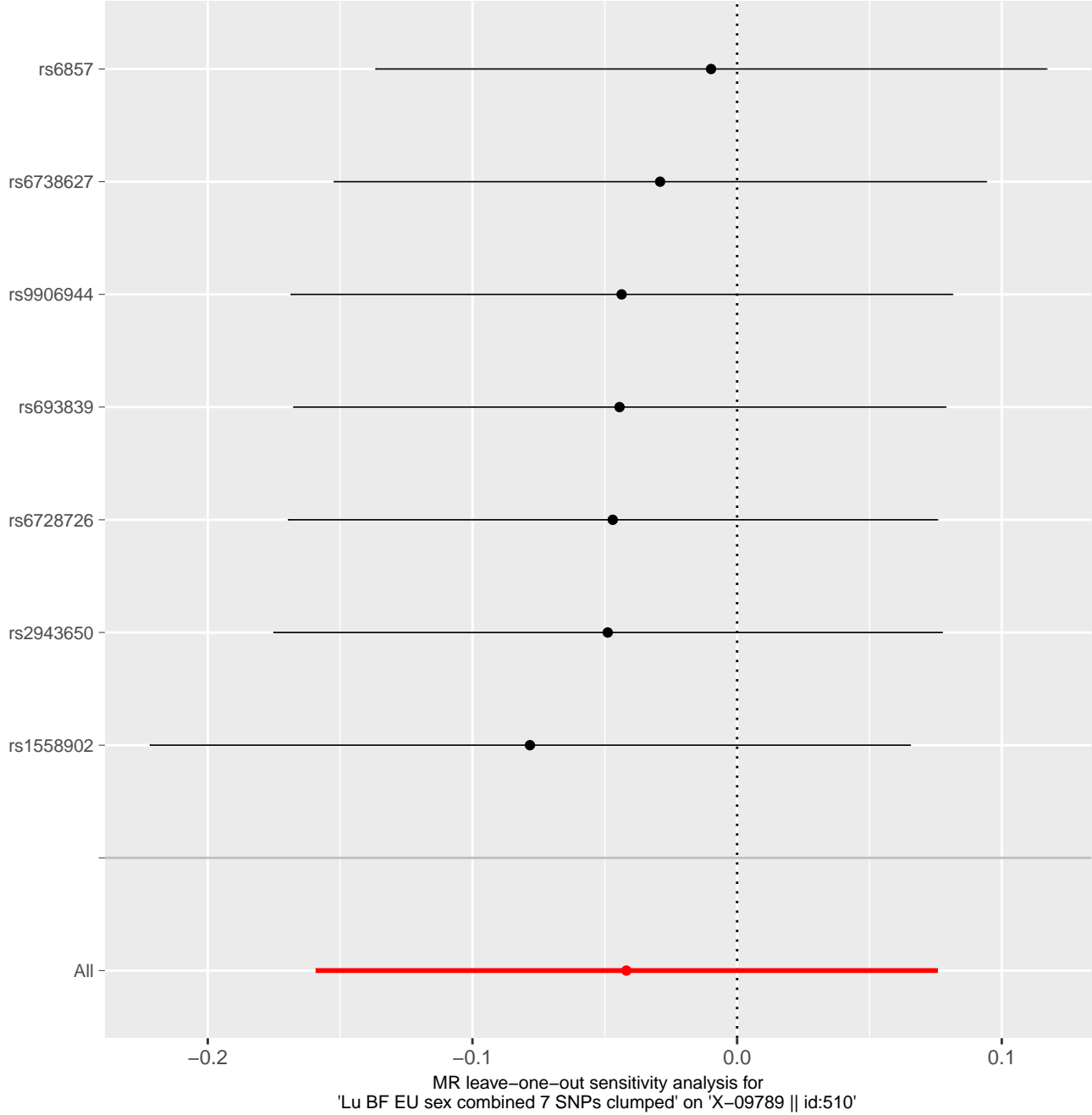
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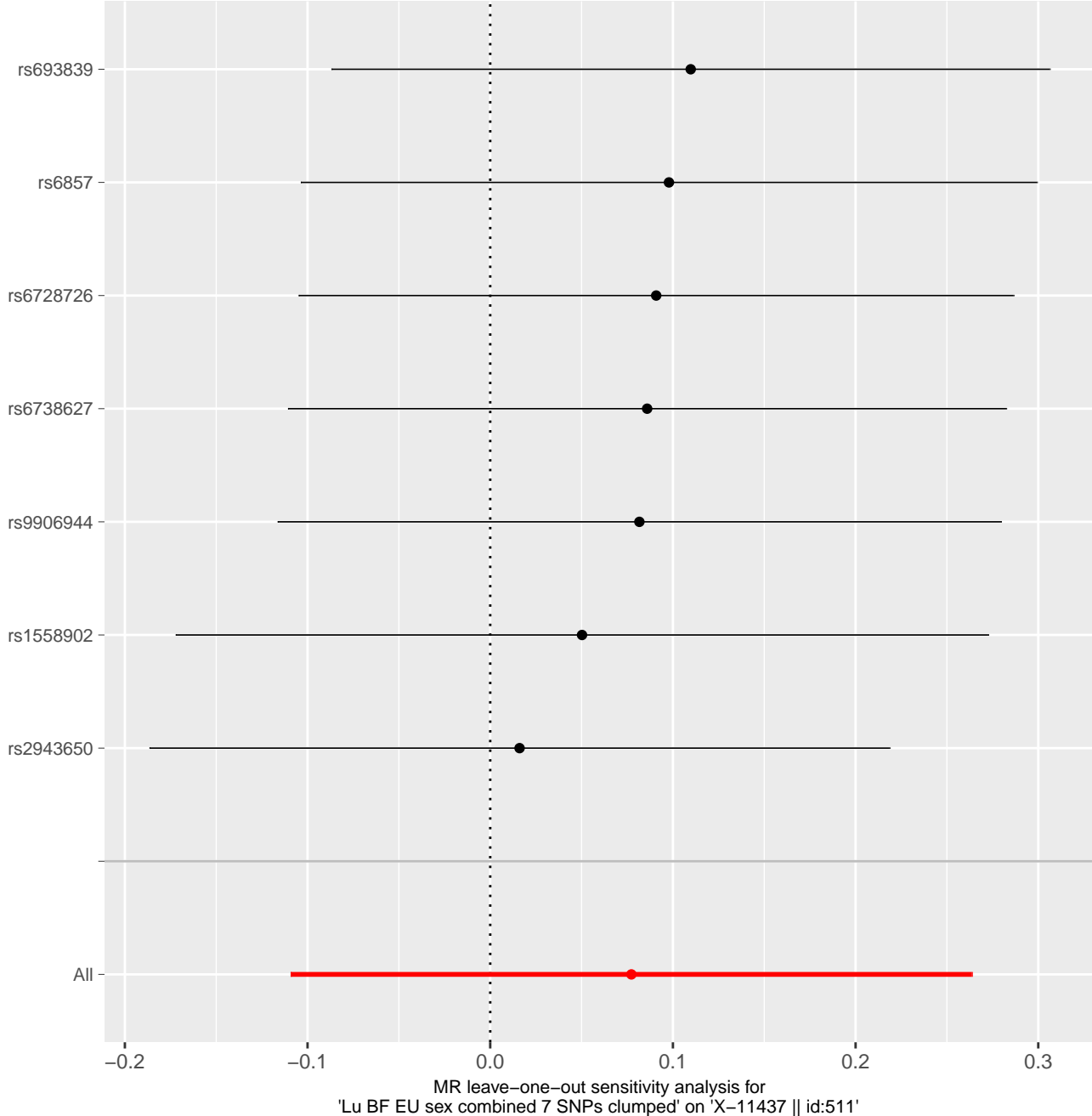
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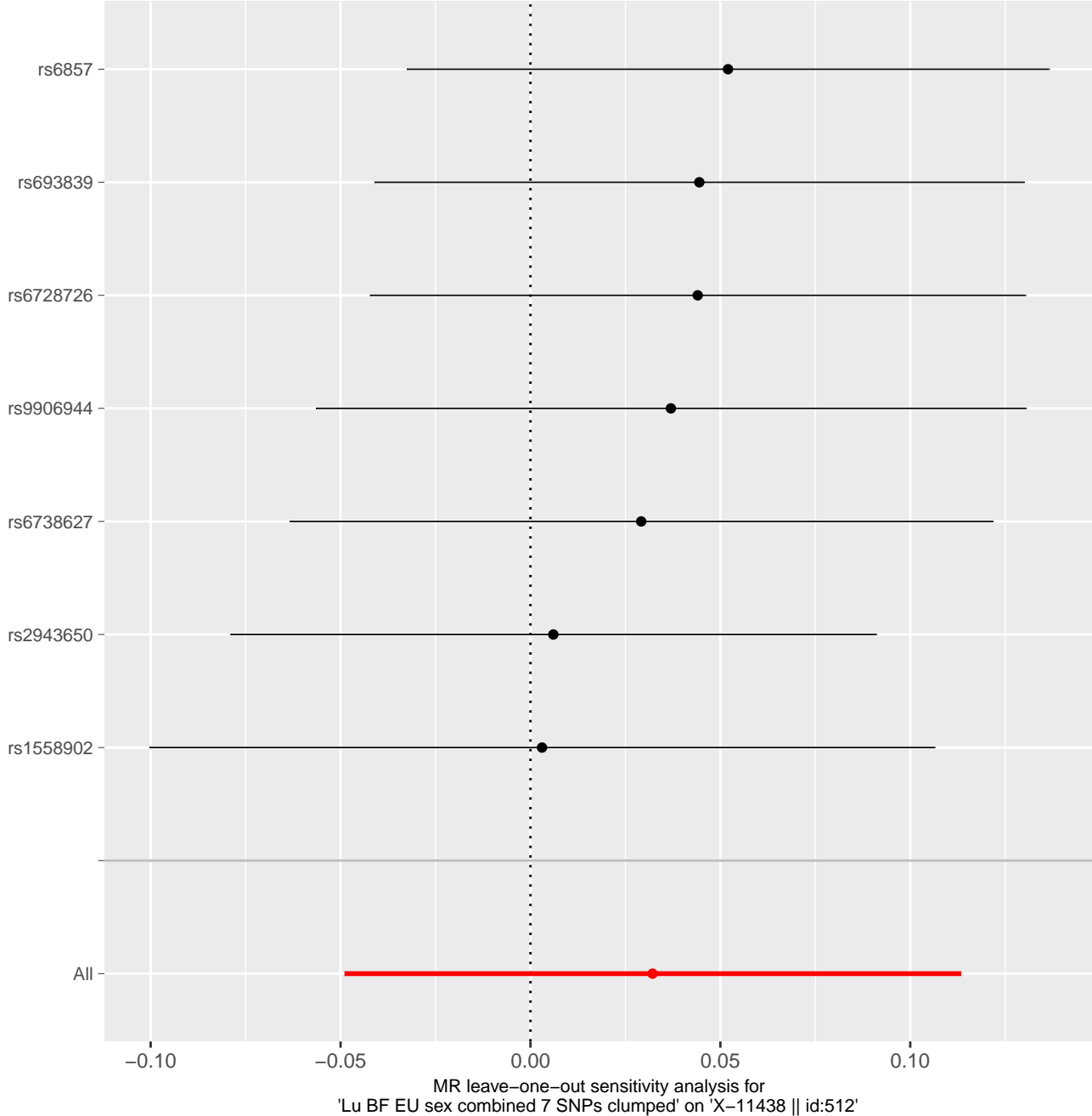


MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11422---xanthine || id:508'









rs1558902

rs693839

rs9906944

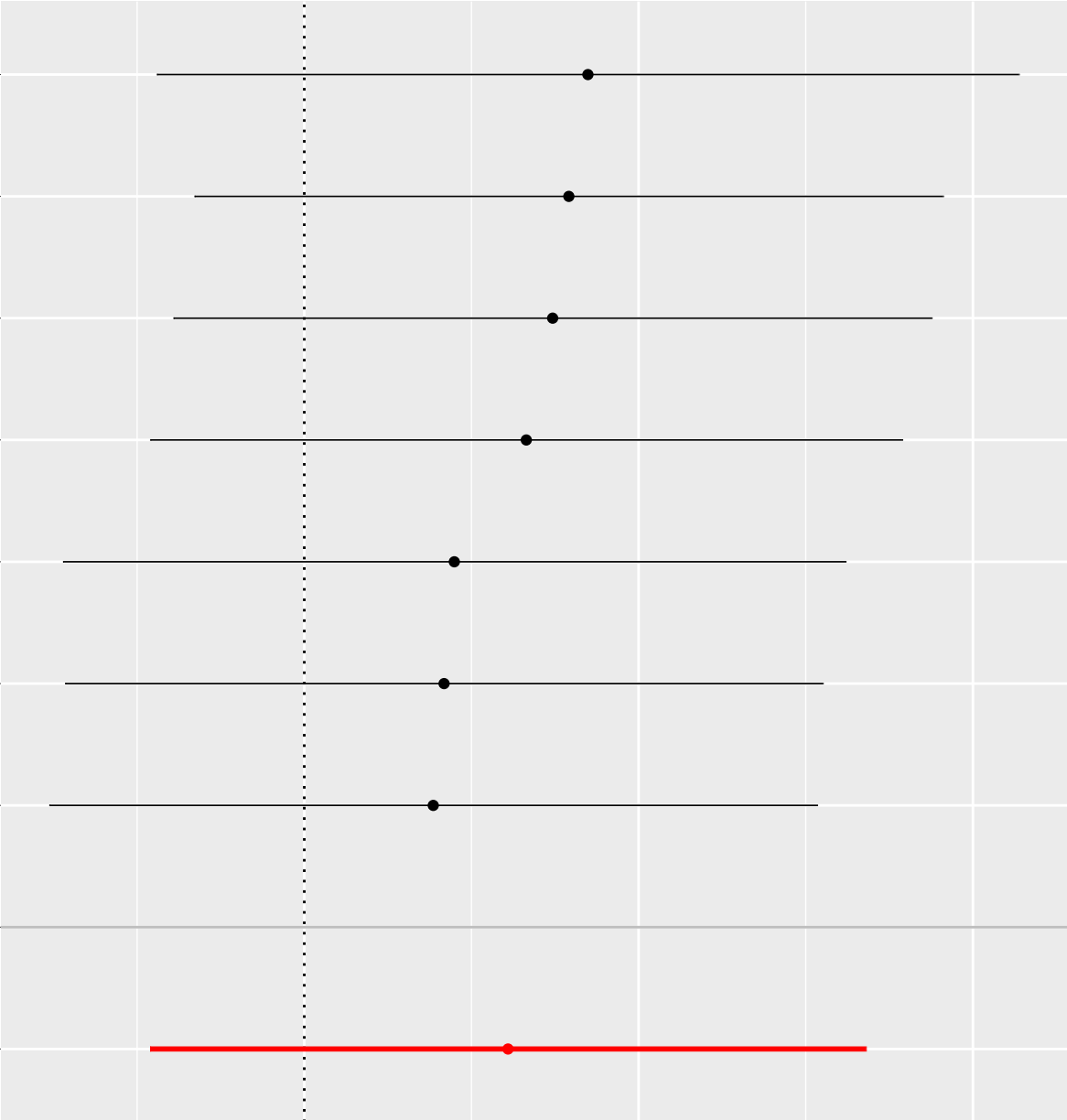
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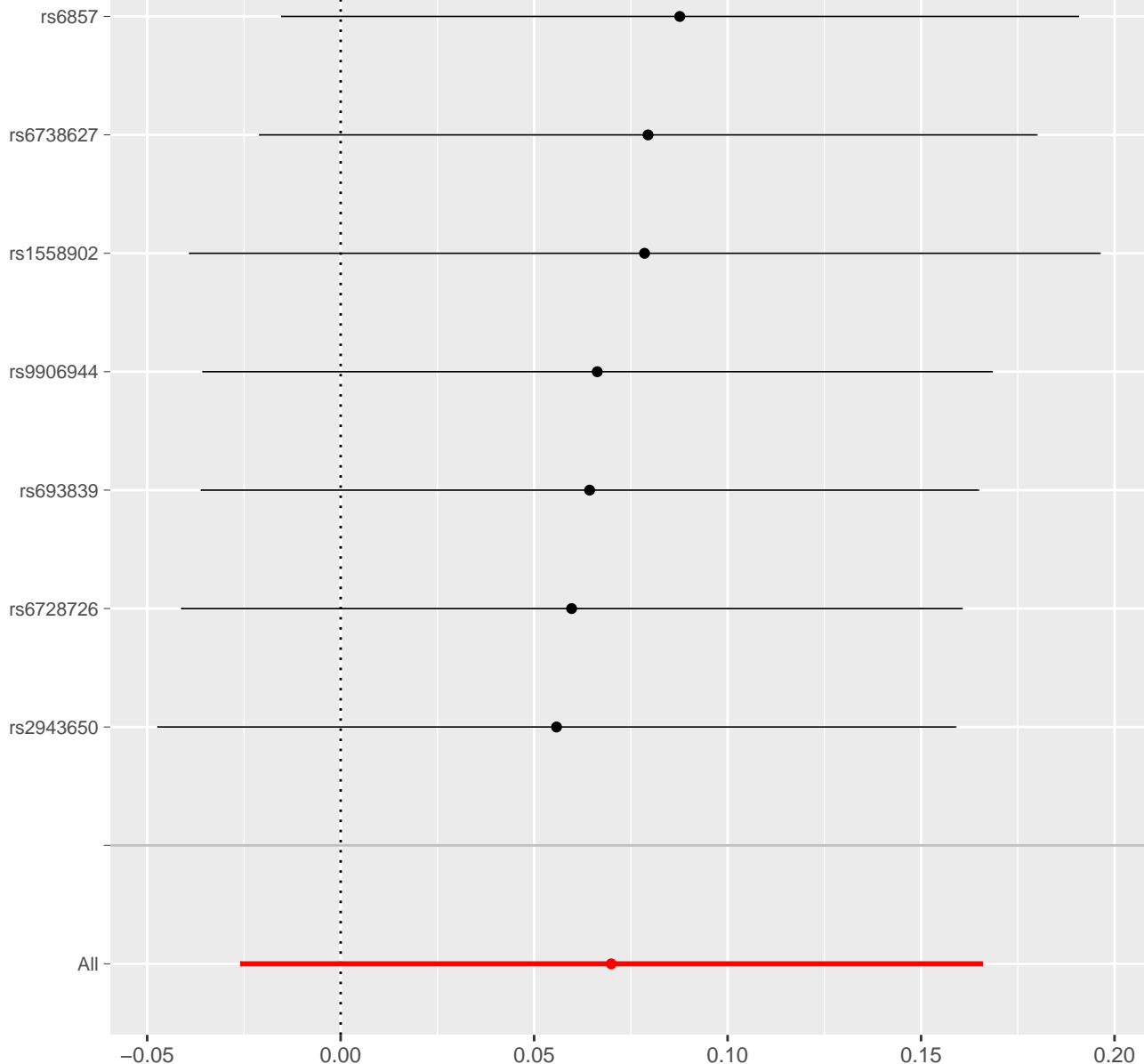
rs6738627

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11440 || id:513'



rs6857

rs6738627

rs9906944

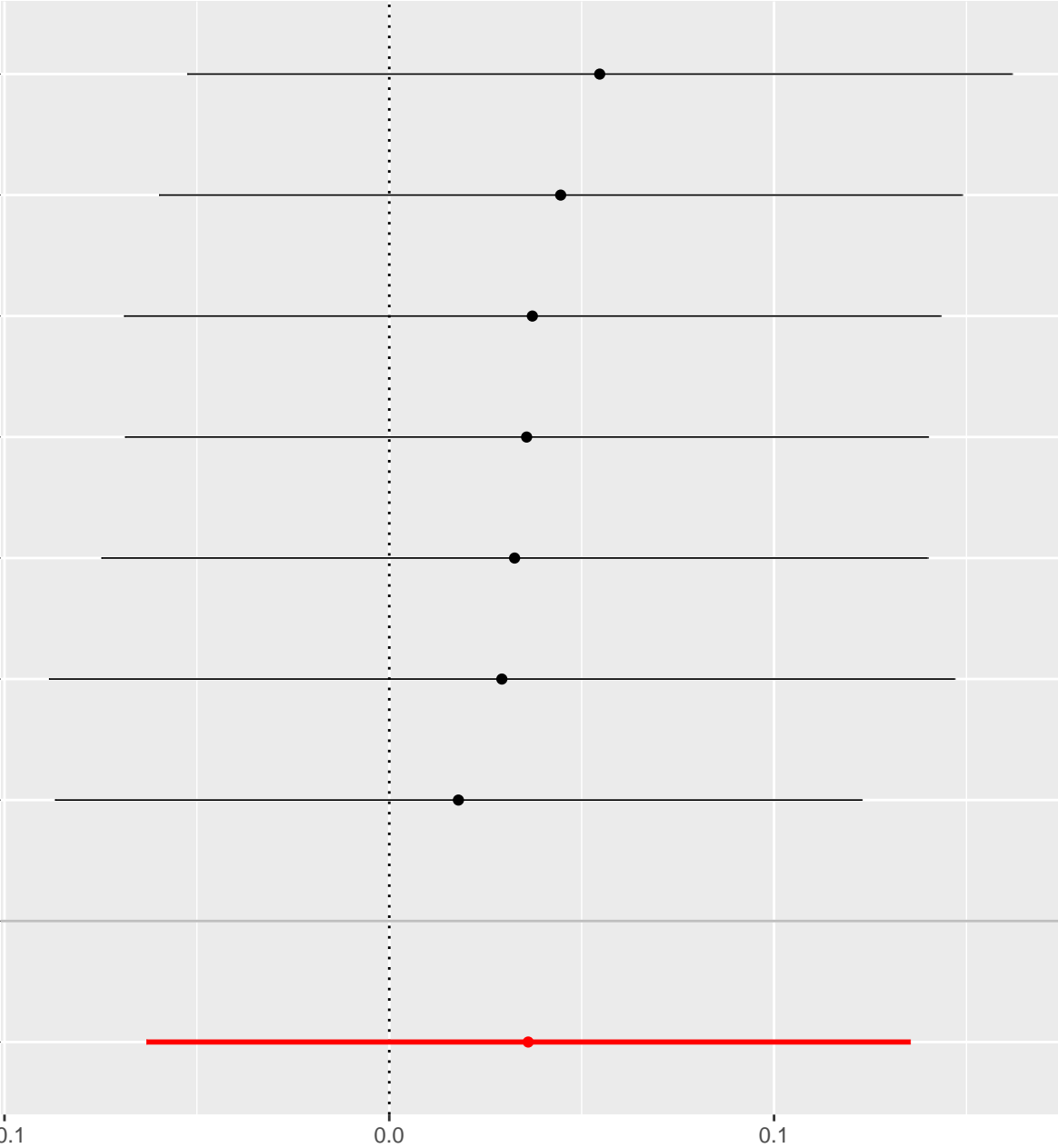
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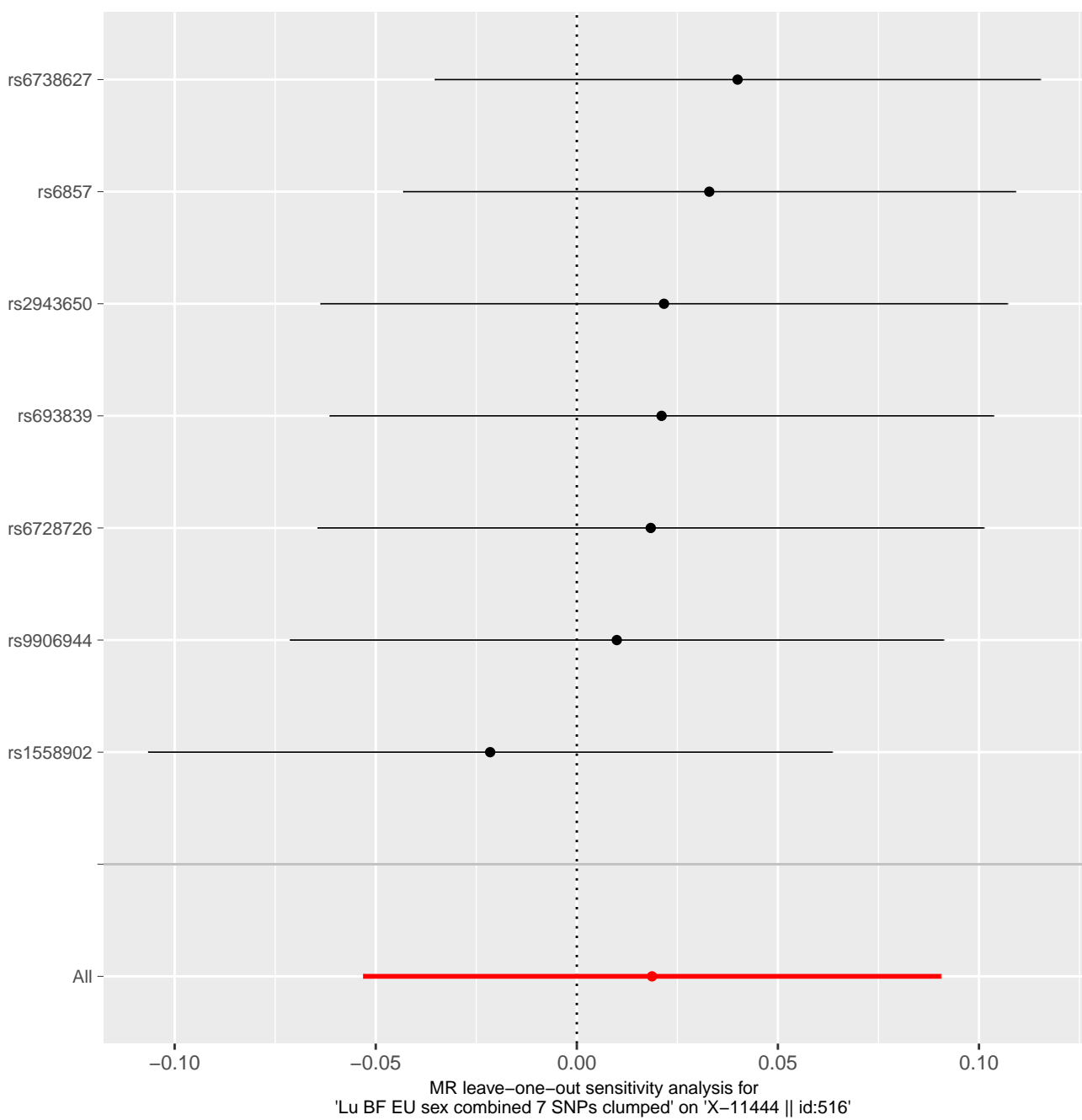
rs1558902

rs6728726

All



MR leave-one-out sensitivity analysis for
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rs2943650

rs6738627

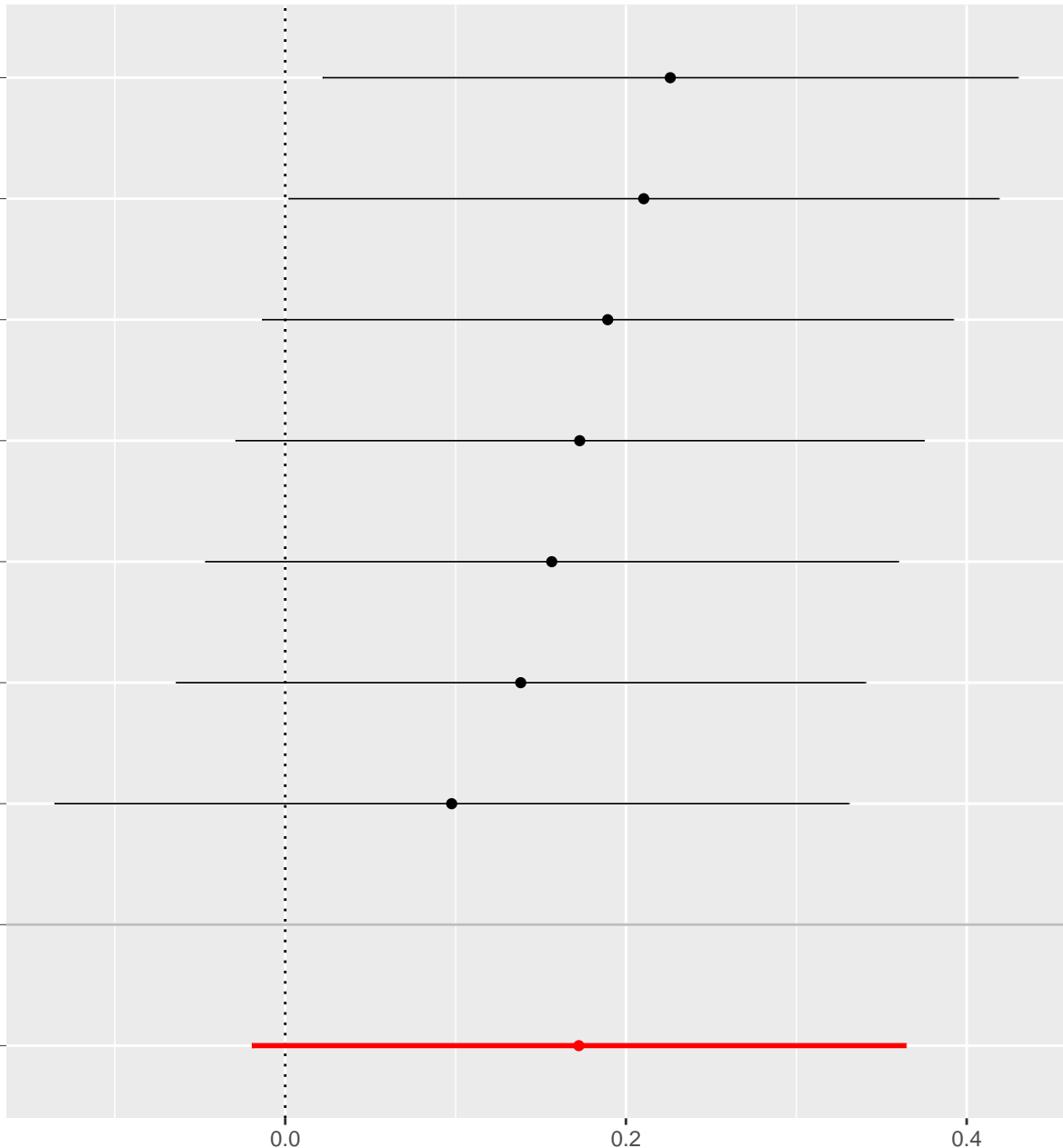
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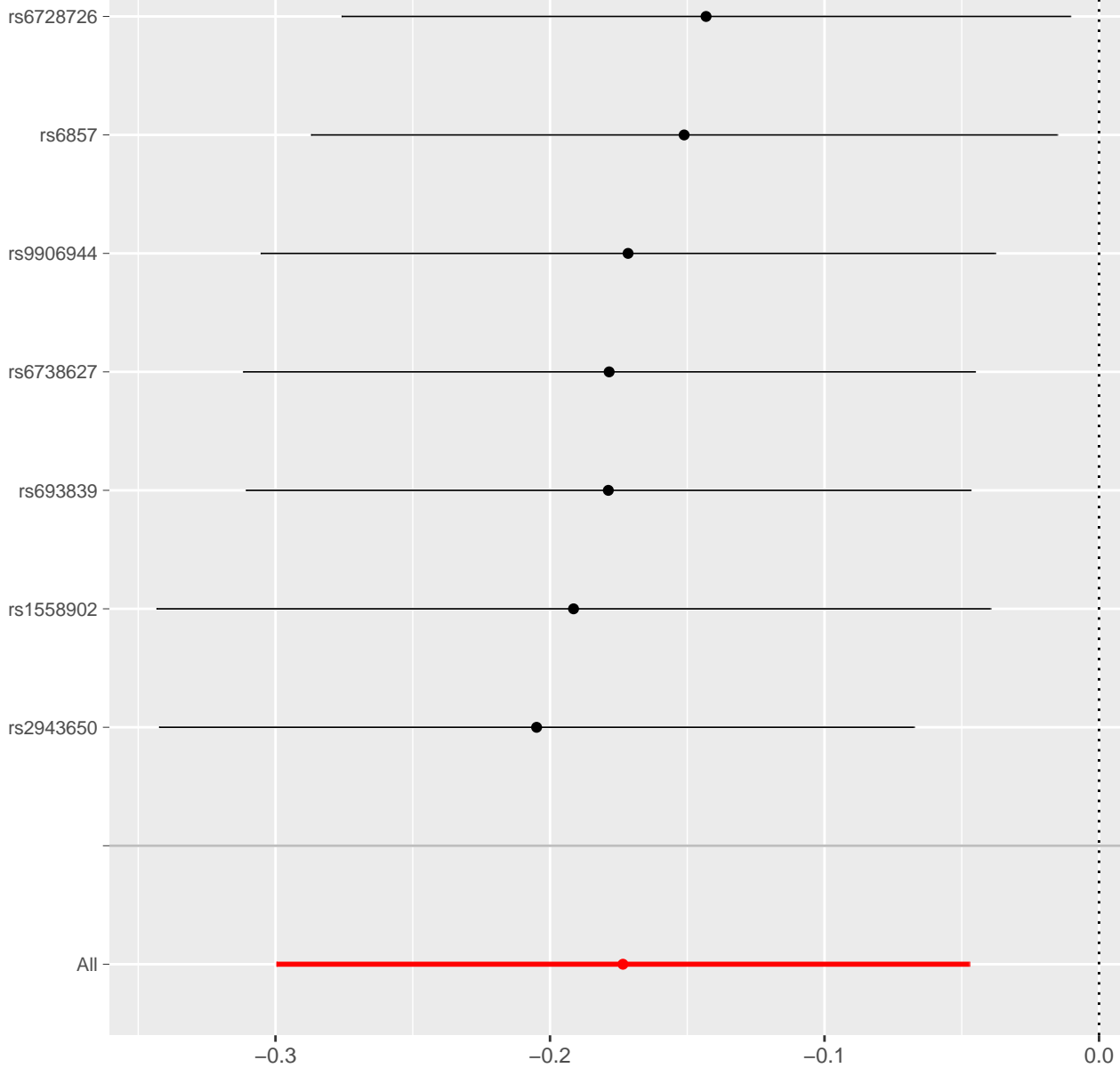
rs693839

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11445--5-alpha-pregnan-3beta,20alpha-disulfate || id:517'



rs1558902

rs6857

rs6728726

rs9906944

rs6738627

rs2943650

rs693839

All

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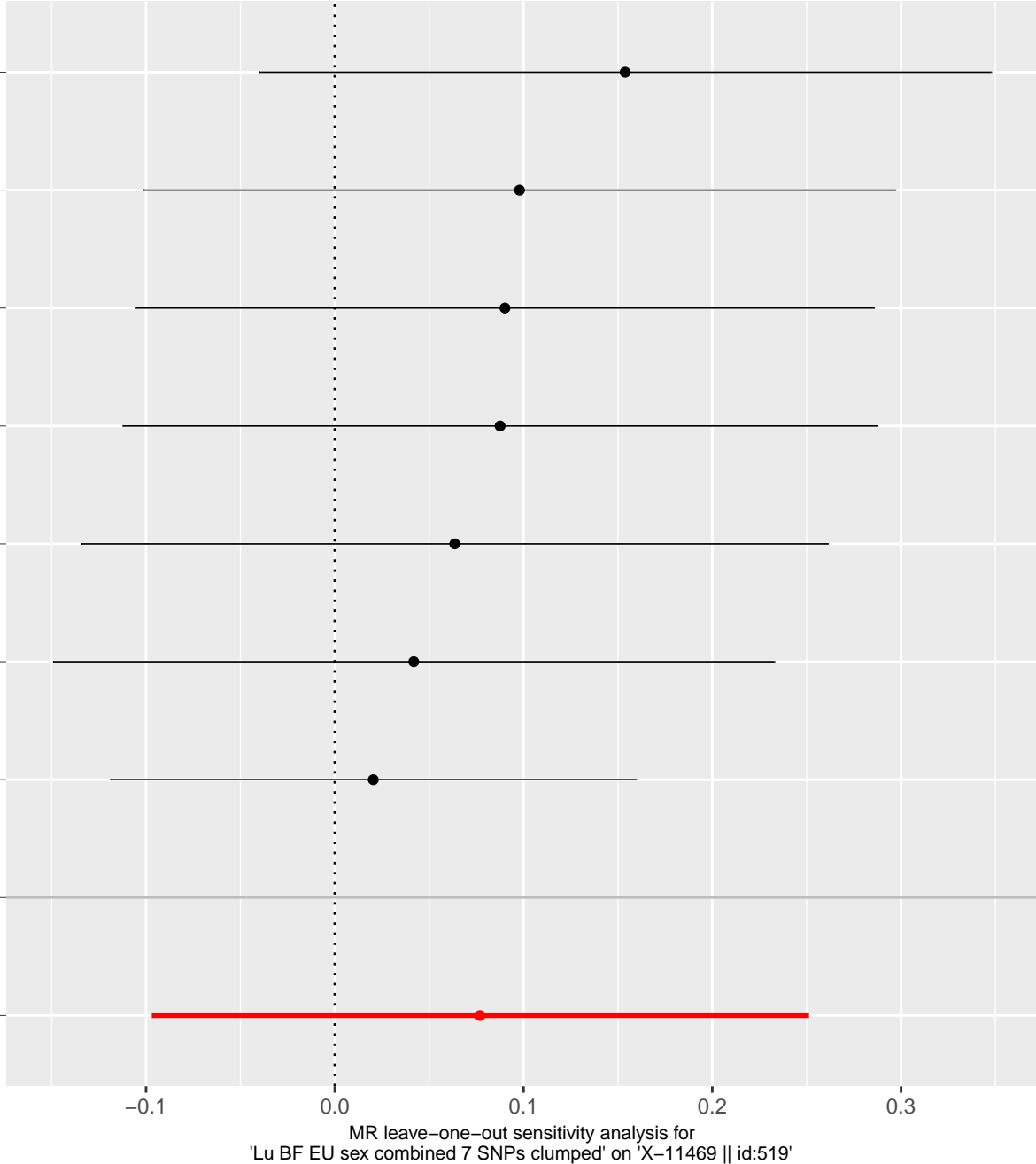
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MR leave-one-out sensitivity analysis for
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rs6728726

rs693839

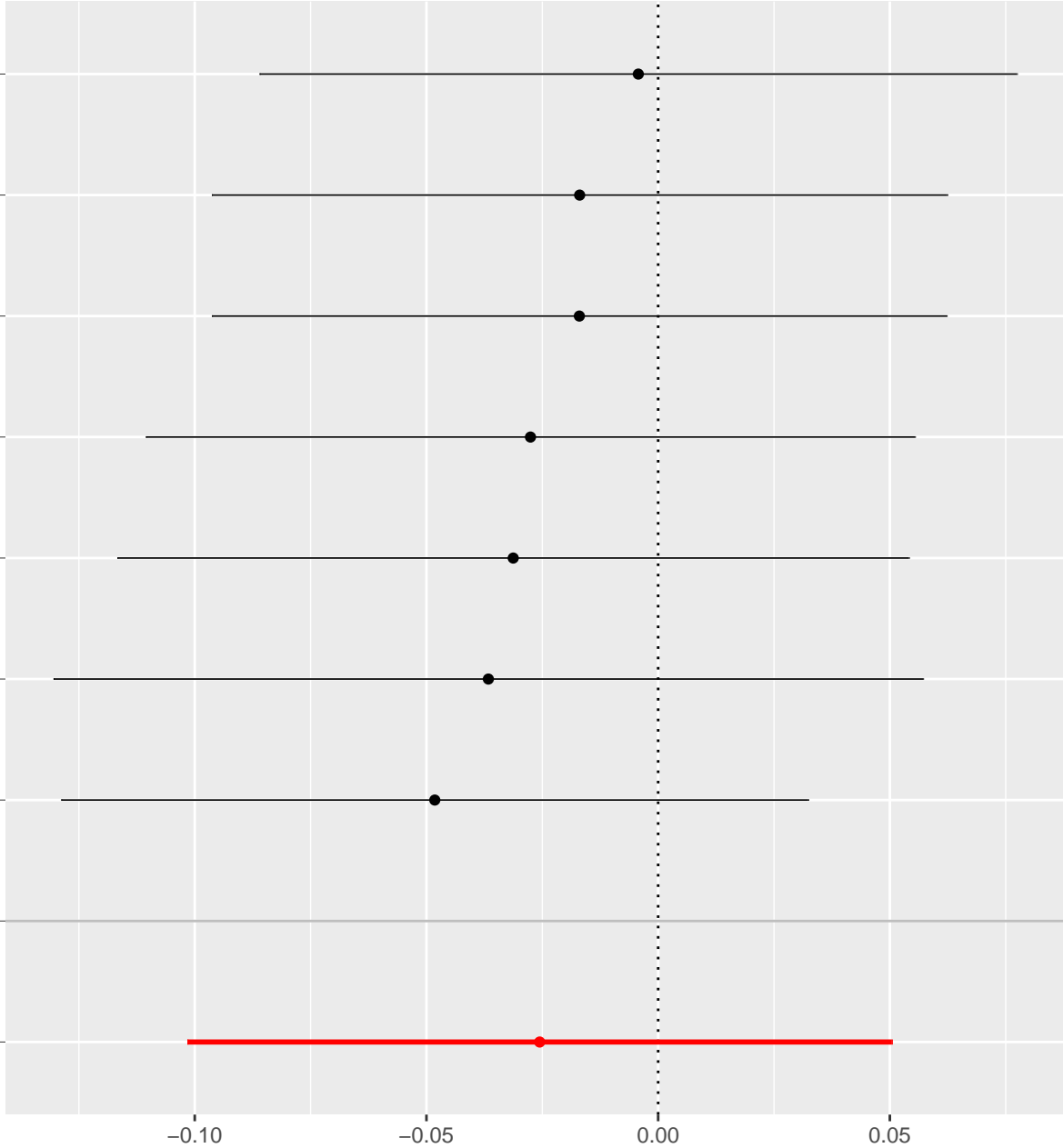
rs9906944

rs2943650

rs1558902

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11470 || id:520'

rs9906944

rs6857

rs6738627

rs693839

rs2943650

rs6728726

rs1558902

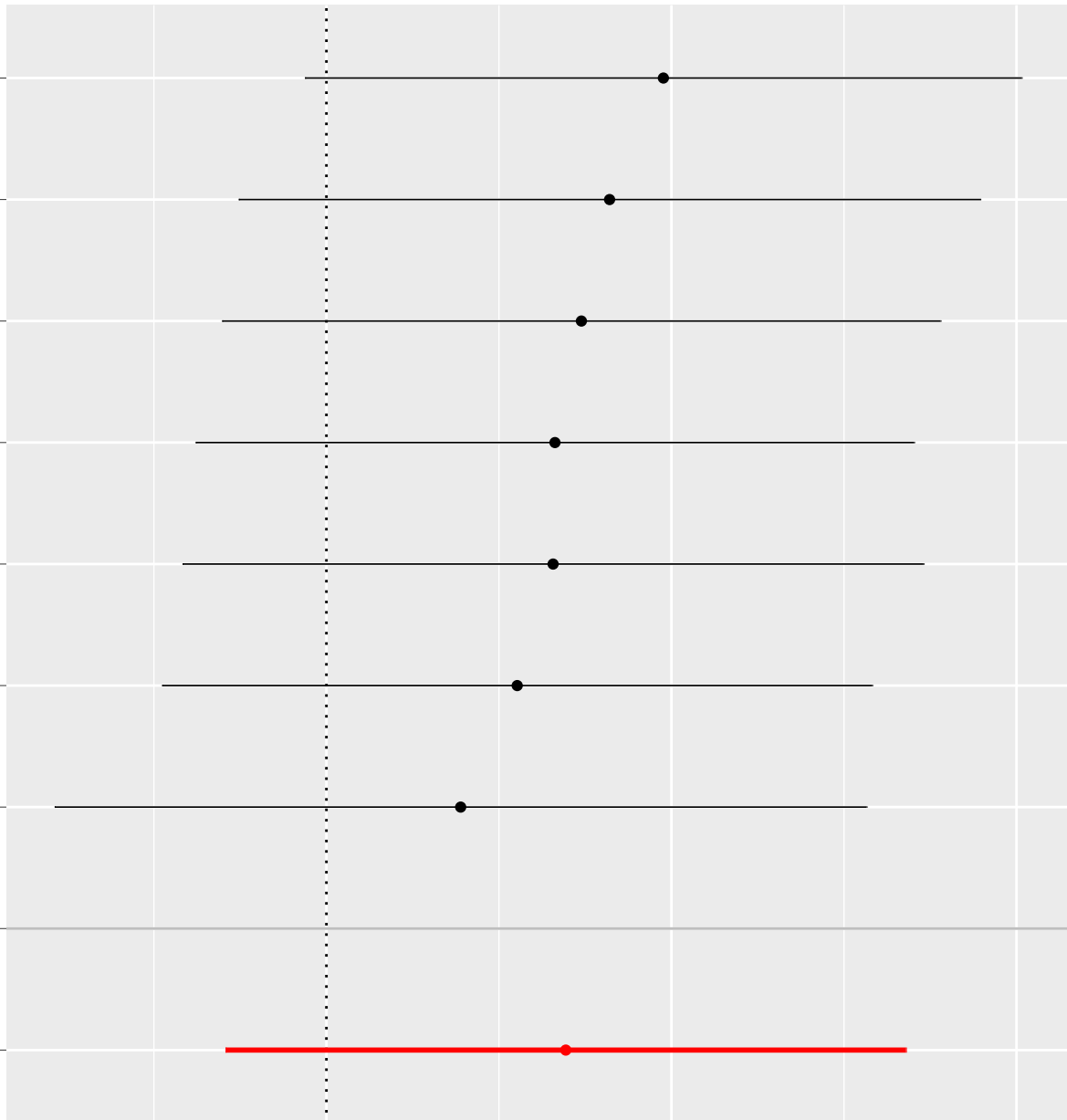
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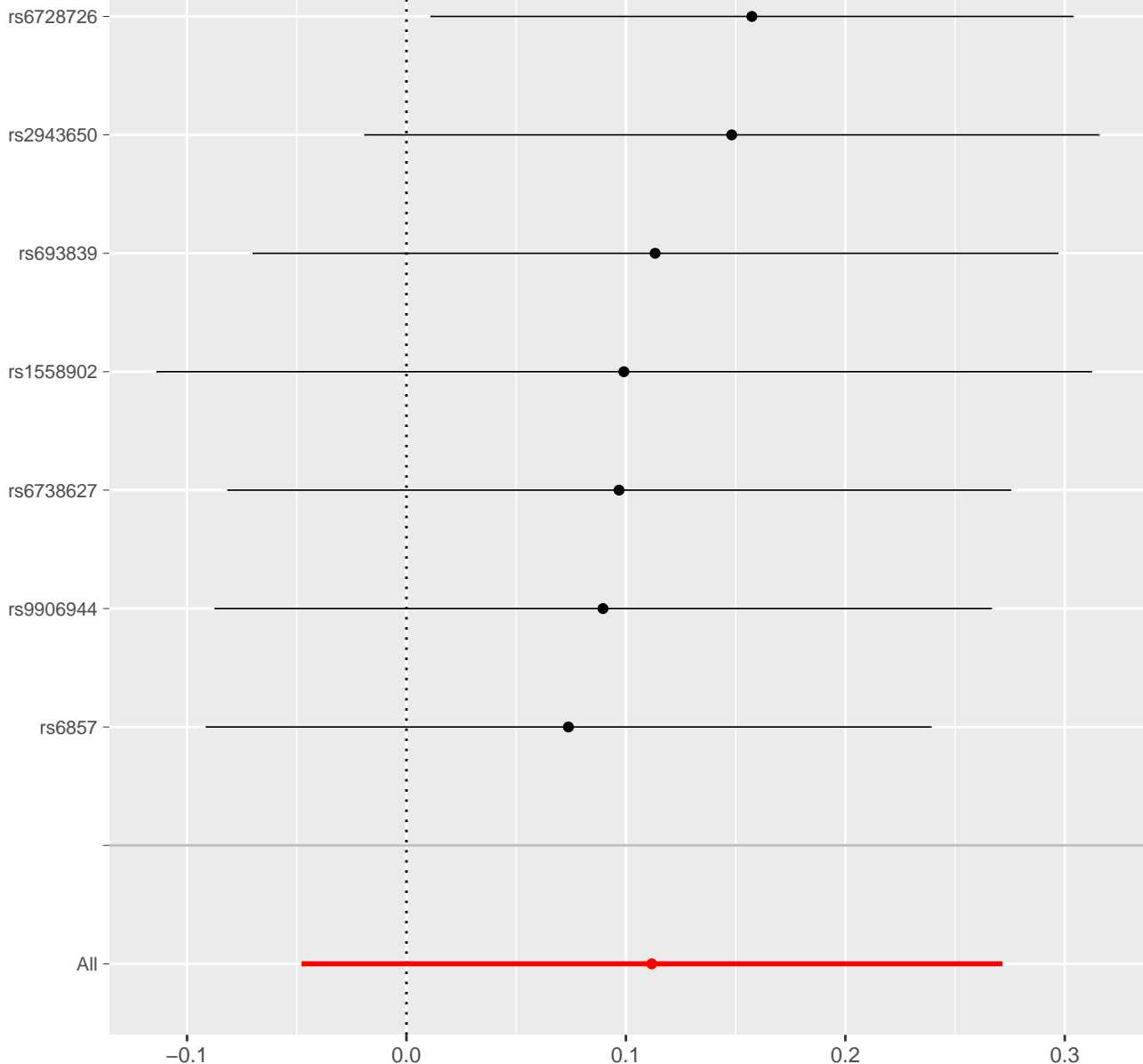
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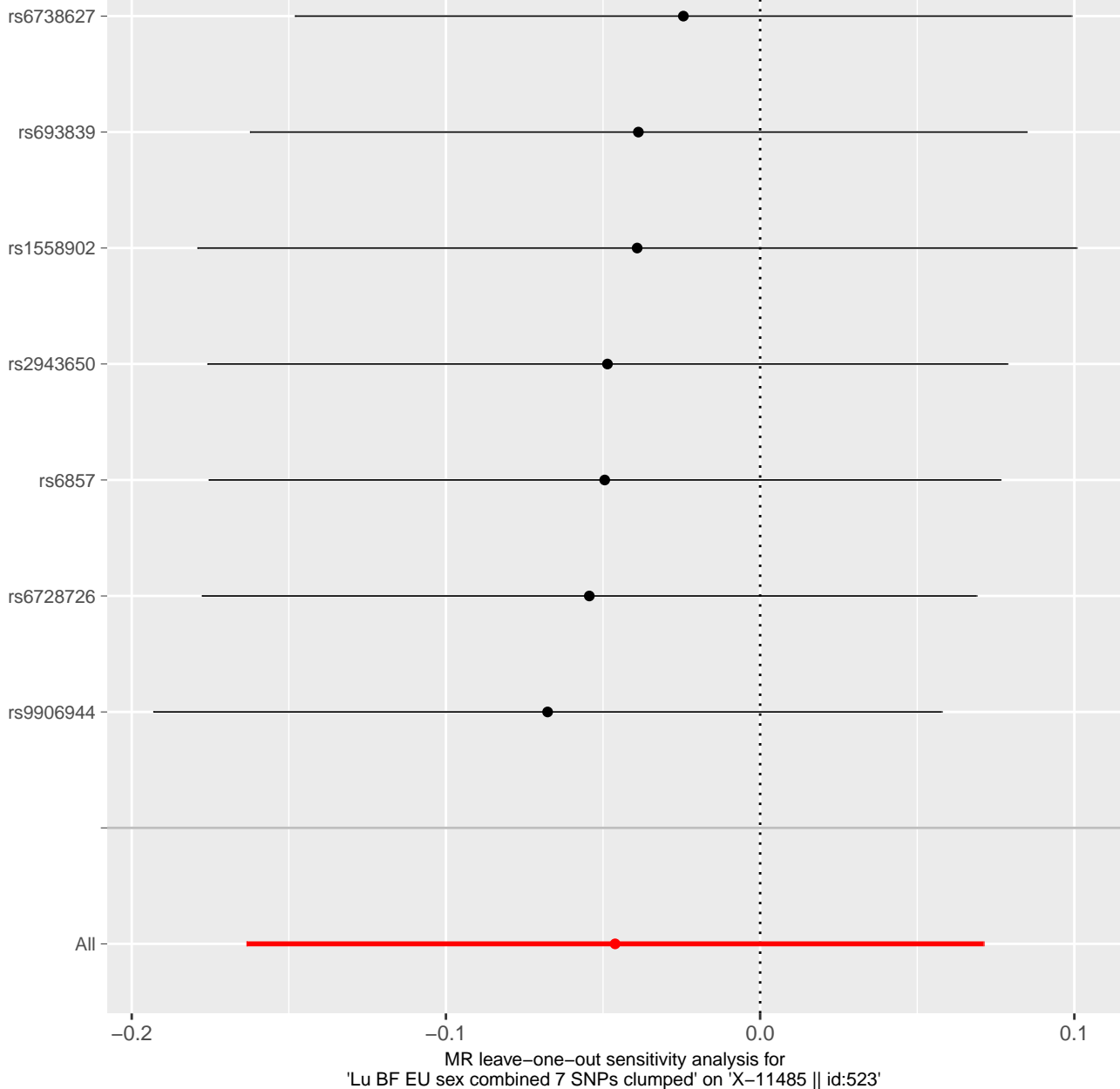
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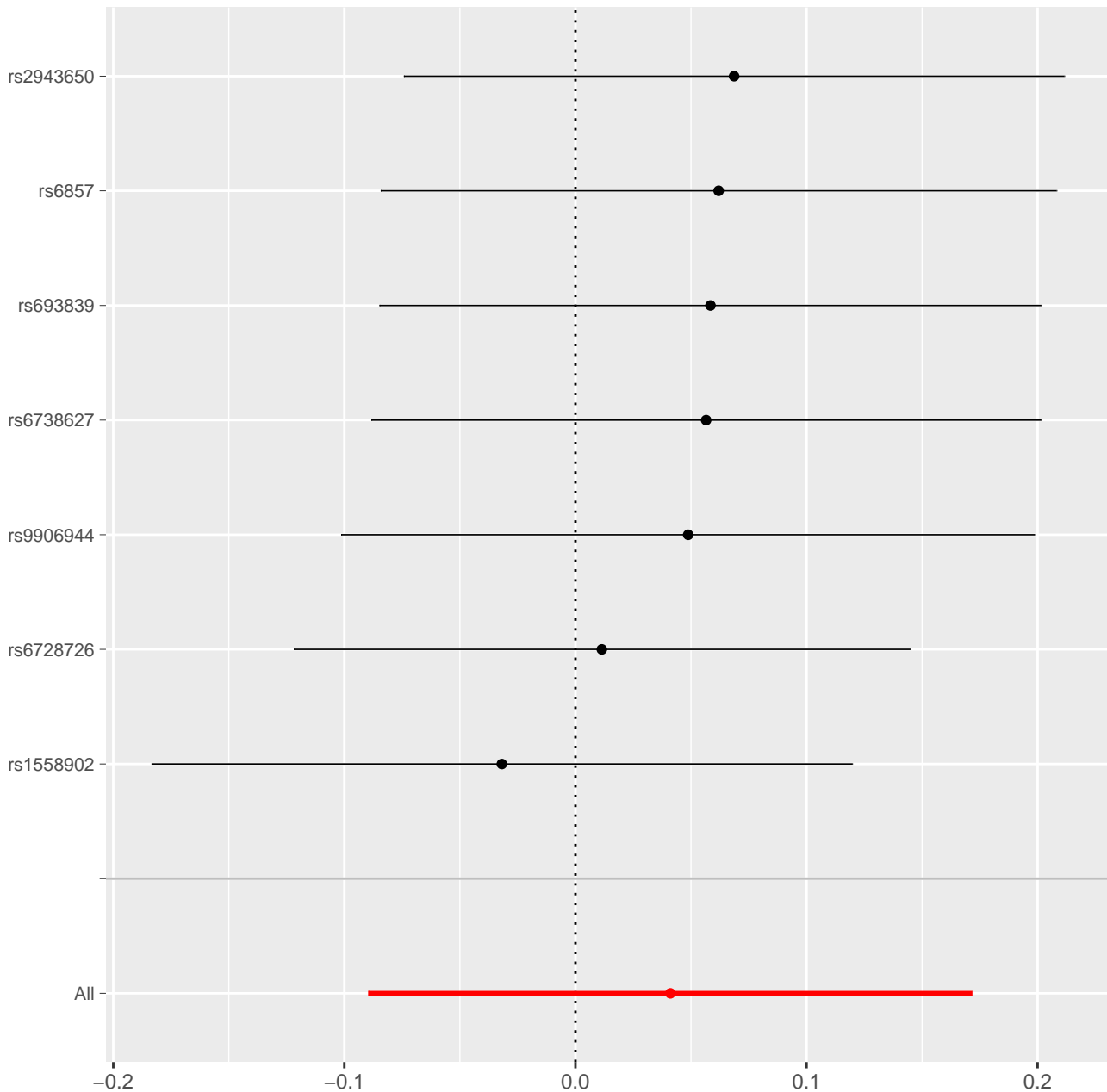
MR leave-one-out sensitivity analysis for
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11483 || id:522'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11491 || id:524'

rs1558902

rs9906944

rs693839

rs2943650

rs6728726

rs6857

rs6738627

All

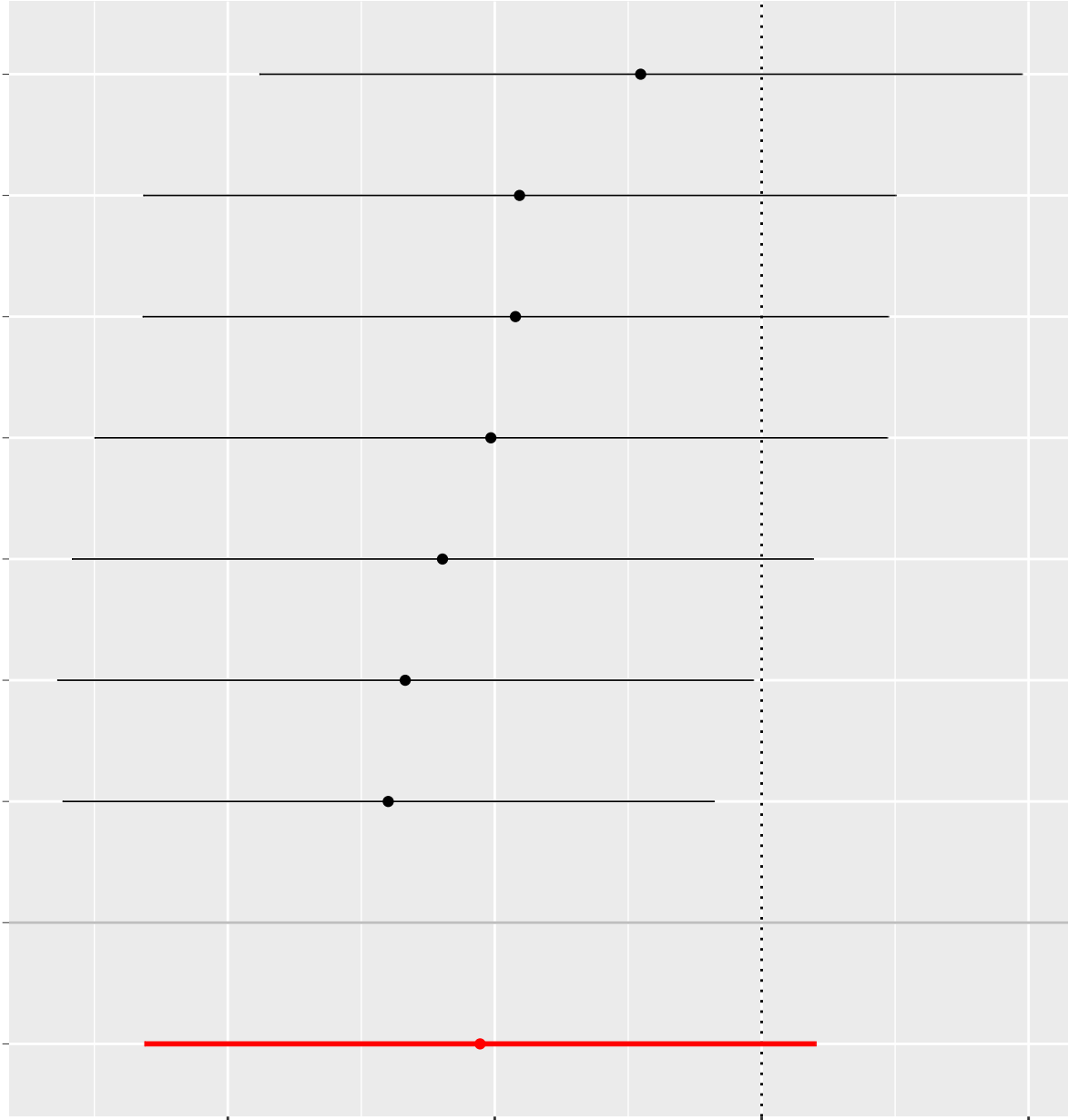
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MR leave-one-out sensitivity analysis for
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rs6857

rs9906944

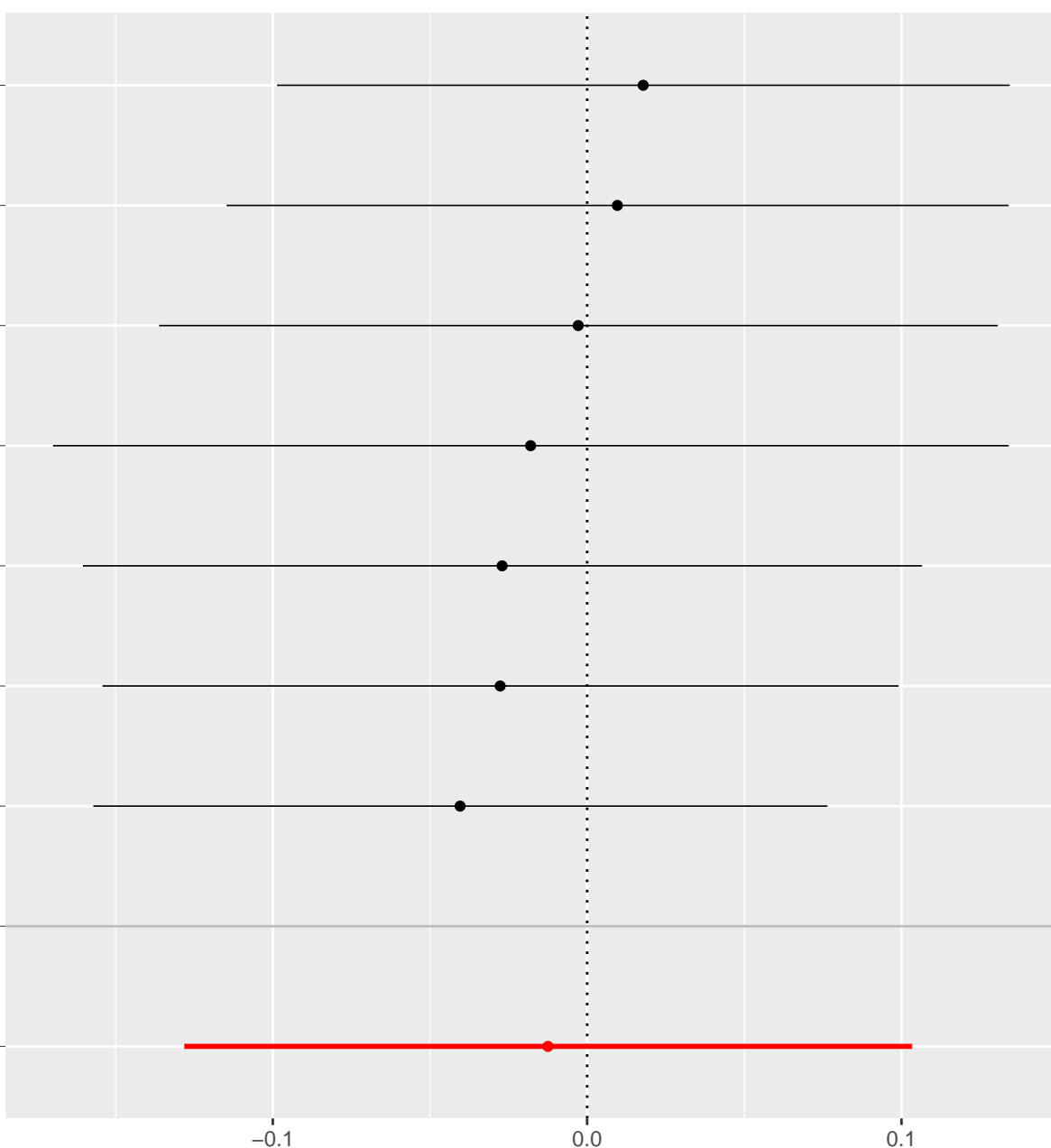
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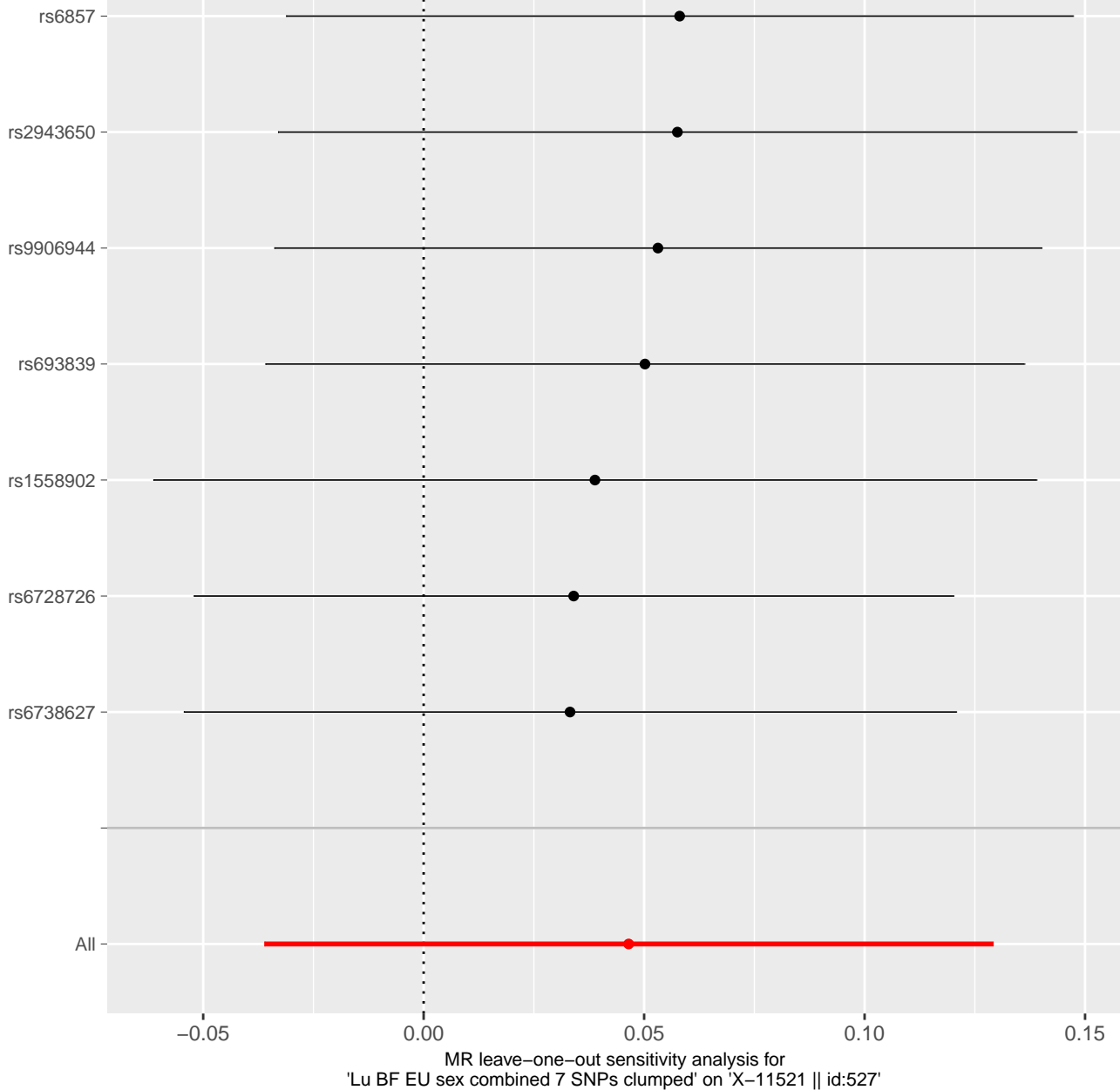
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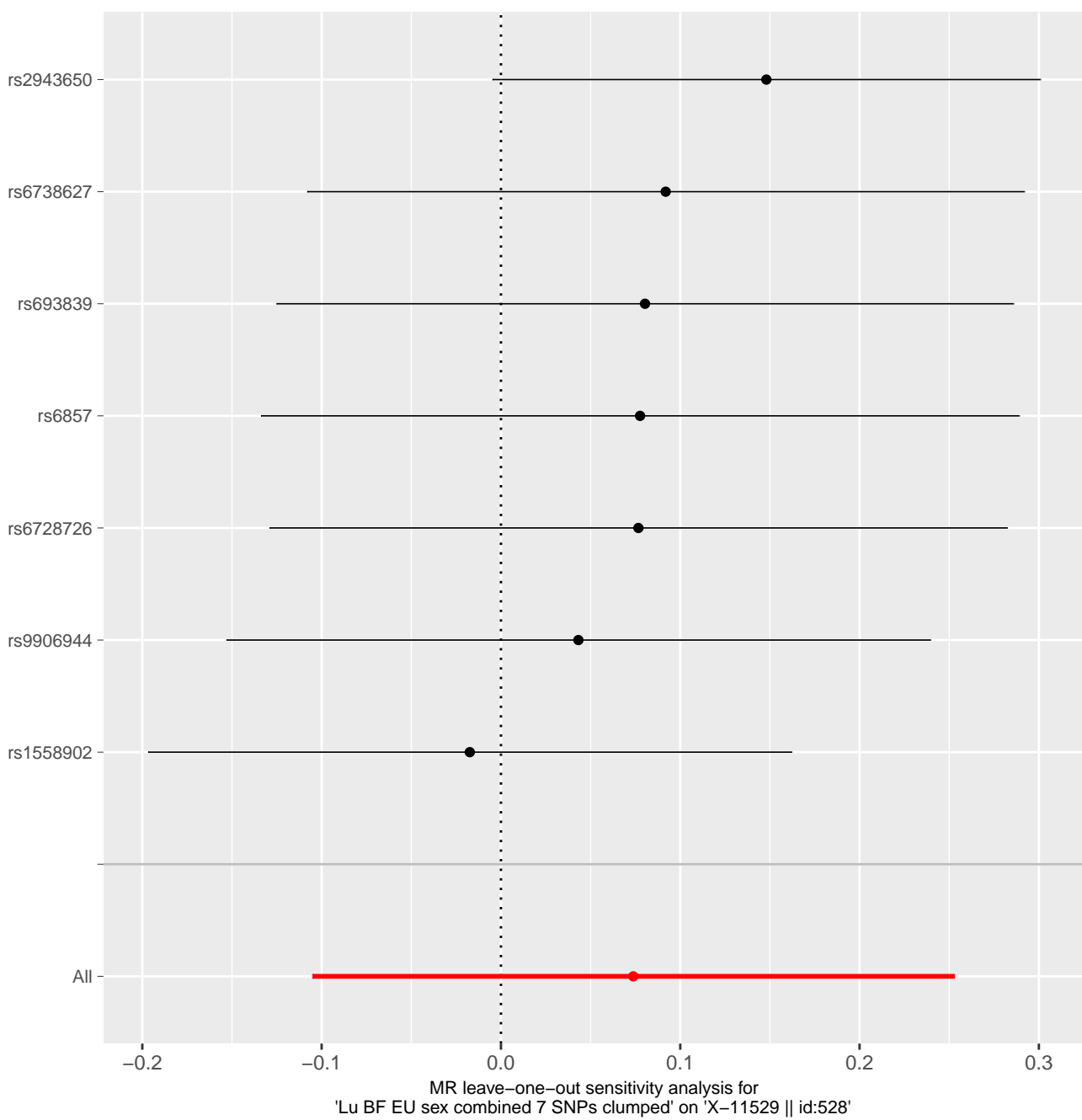
rs693839

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'HWESASXX* || id:526'





rs9906944

rs6857

rs1558902

rs6738627

rs693839

rs6728726

rs2943650

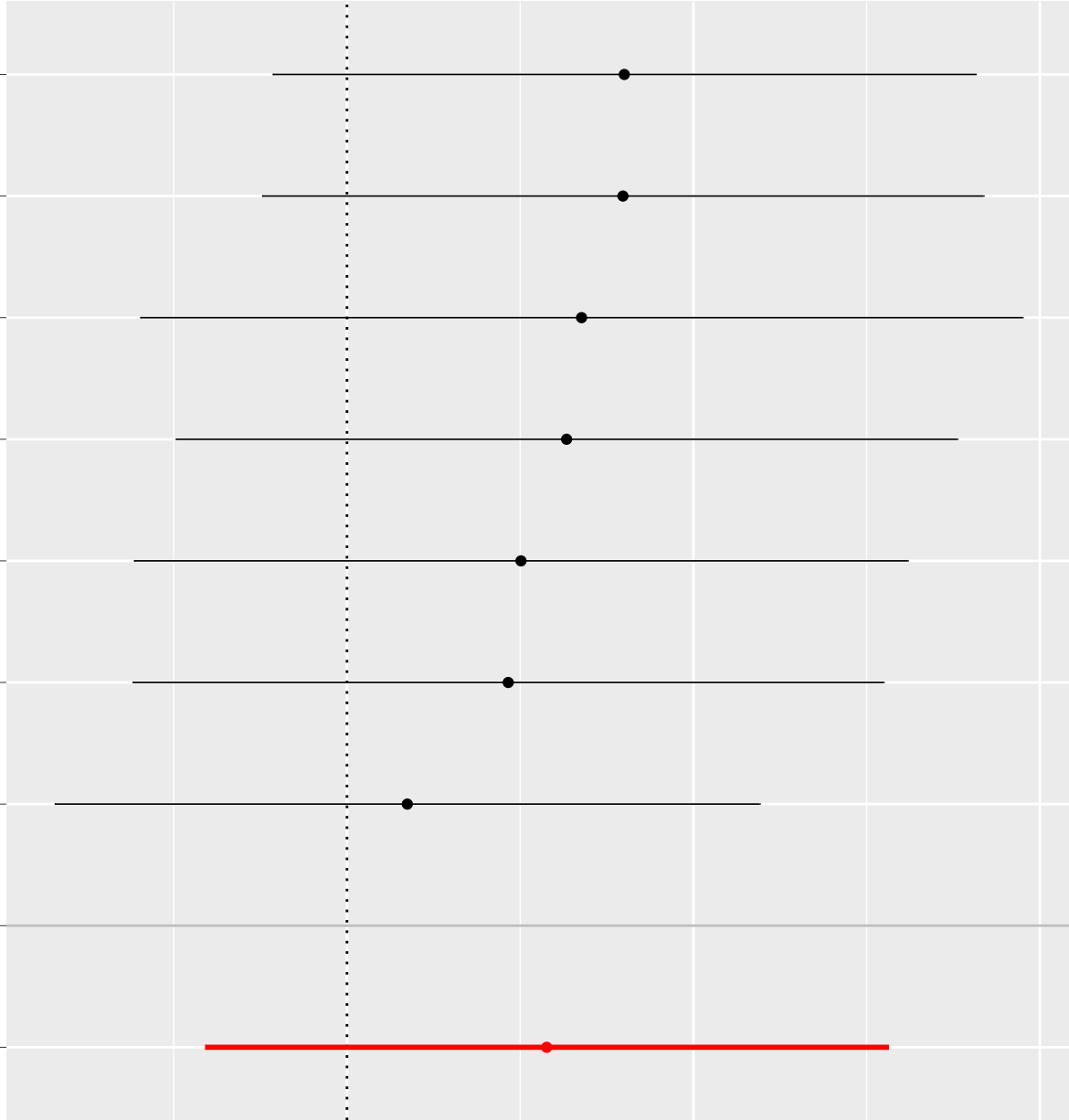
All

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0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11530 || id:529'



rs1558902

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rs693839

rs6738627

rs2943650

rs6857

rs6728726

All

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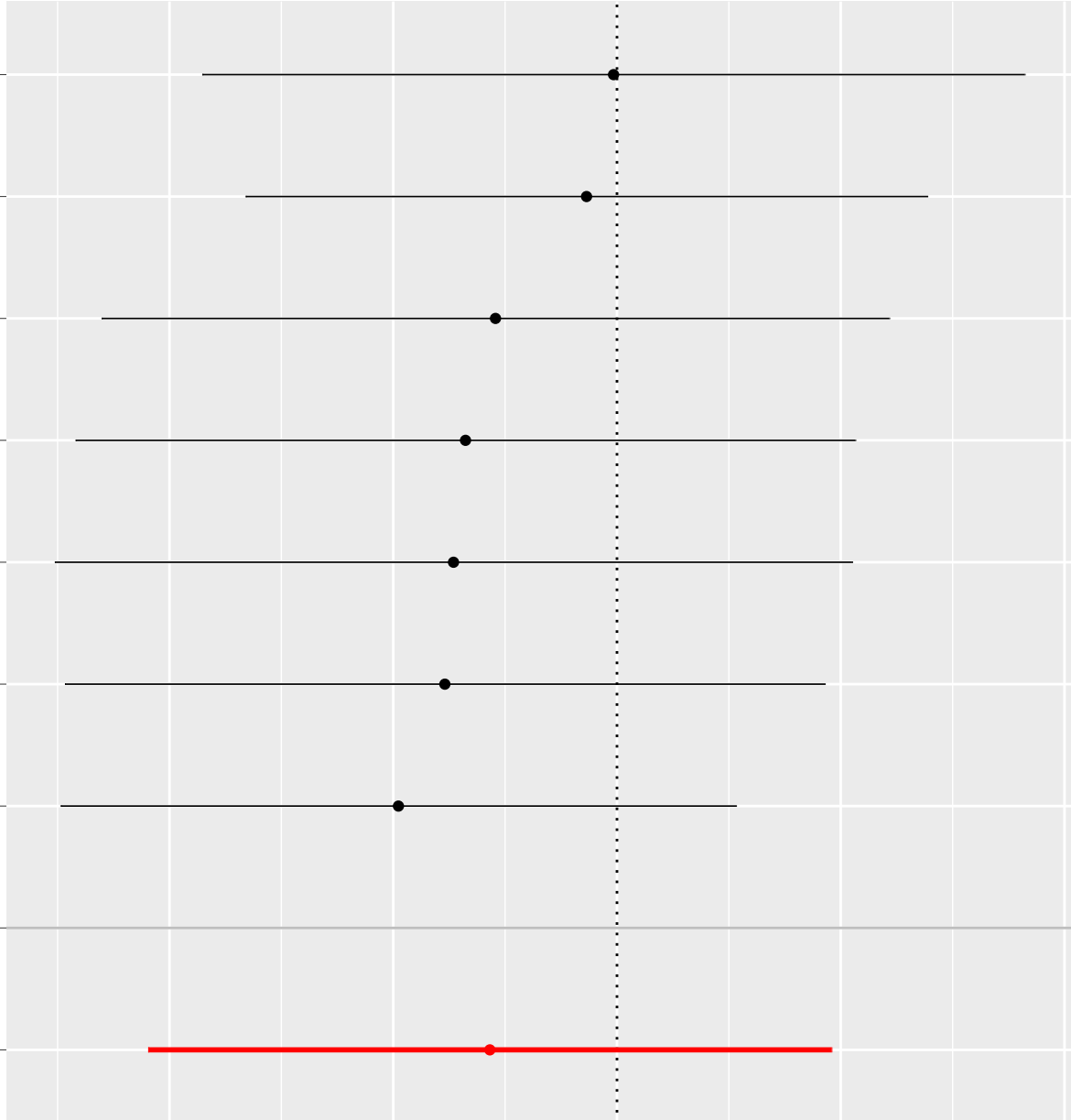
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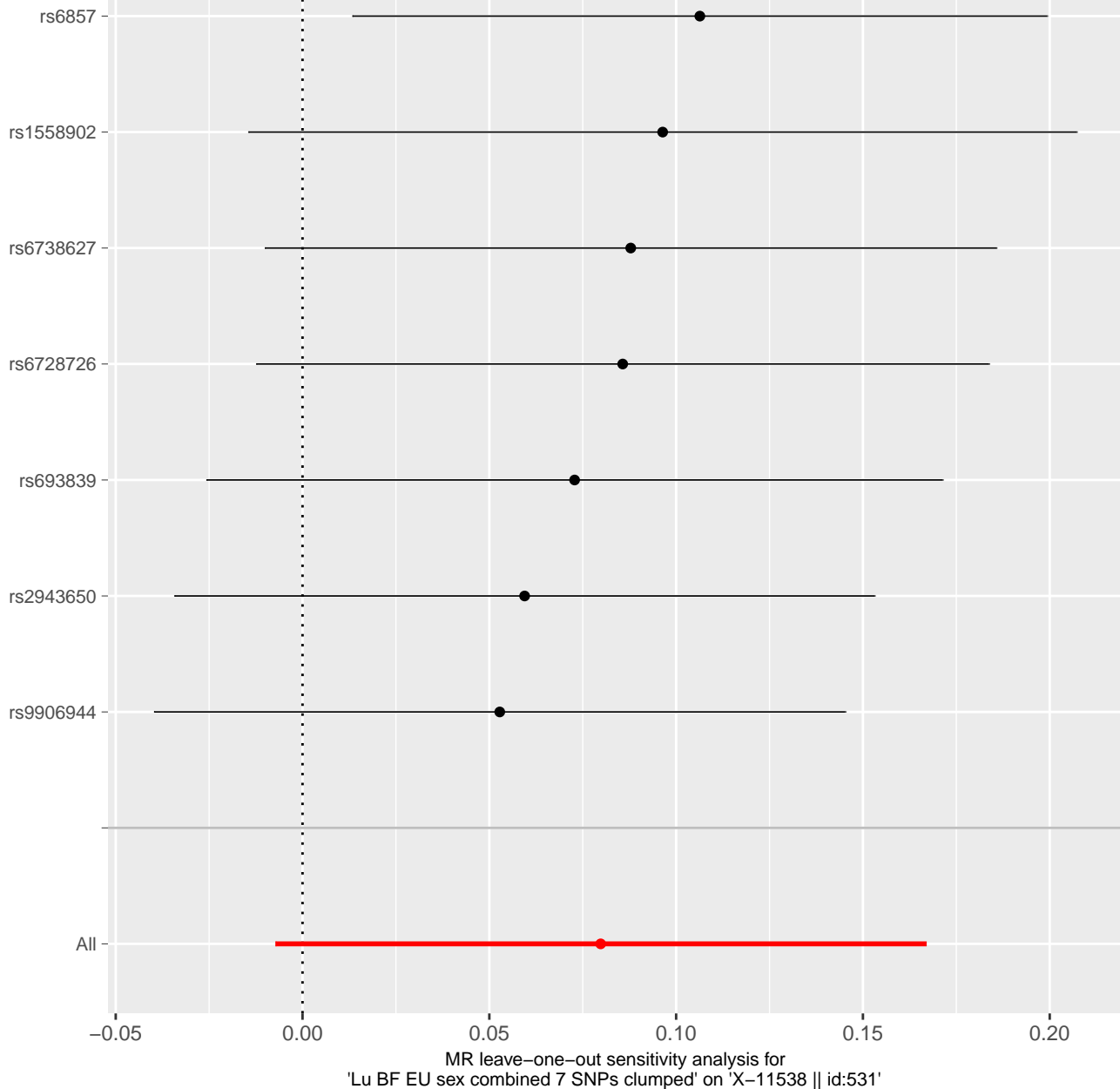
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MR leave-one-out sensitivity analysis for
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rs693839

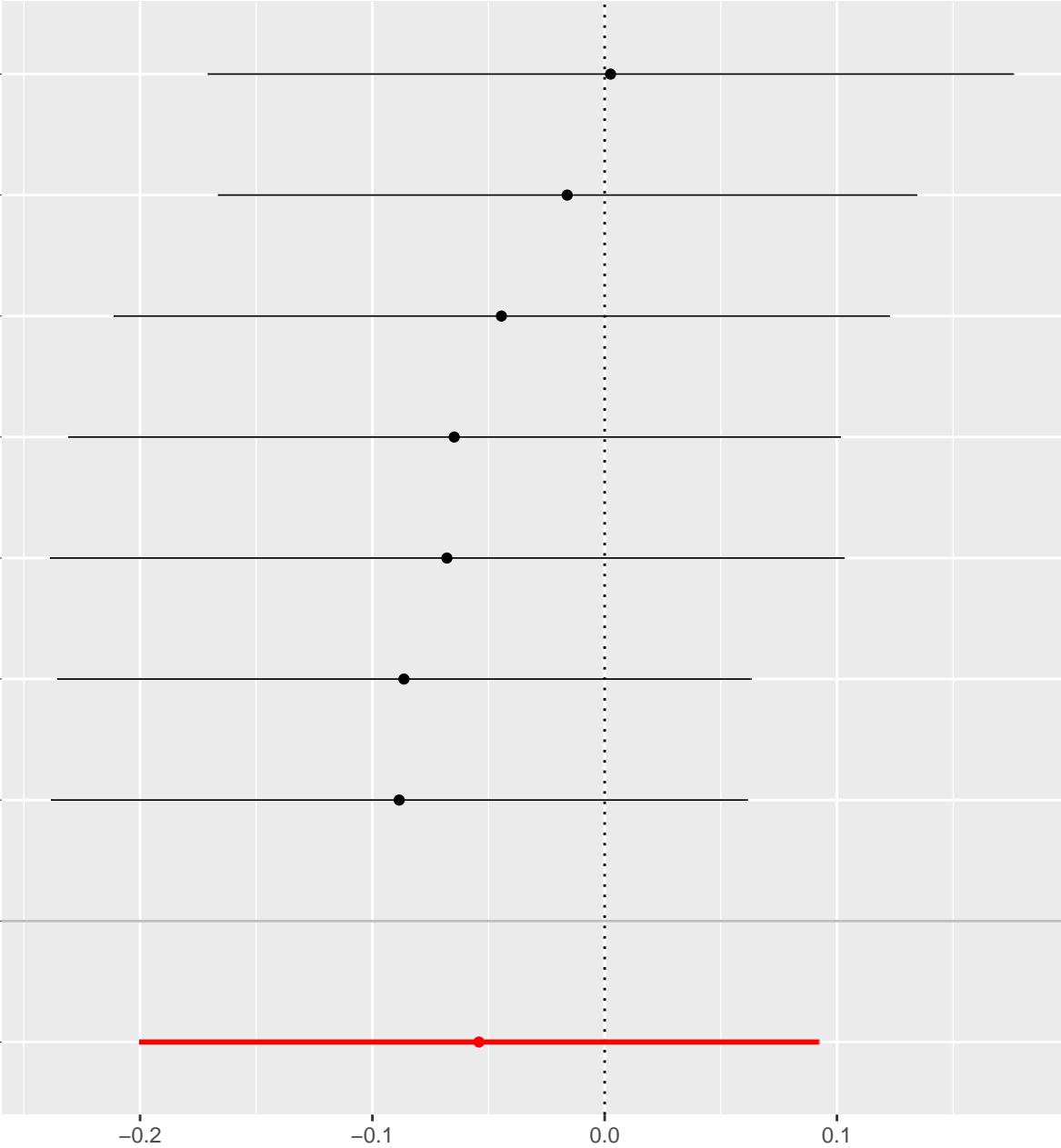
rs6728726

rs2943650

rs6738627

rs6857

All



MR leave-one-out sensitivity analysis for
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rs693839

rs2943650

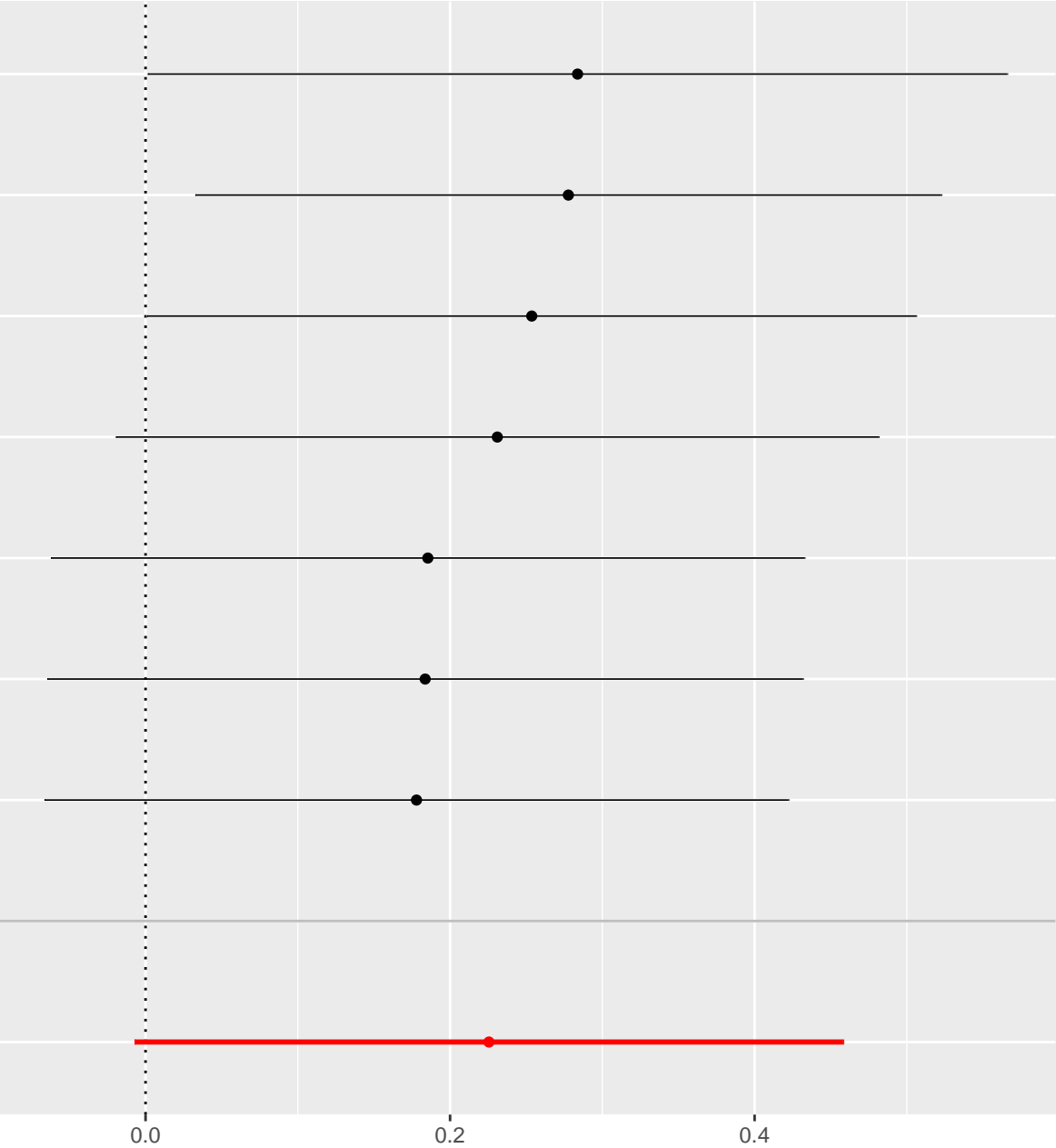
rs6738627

rs9906944

rs6857

rs6728726

All



MR leave-one-out sensitivity analysis for
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rs9906944

rs6857

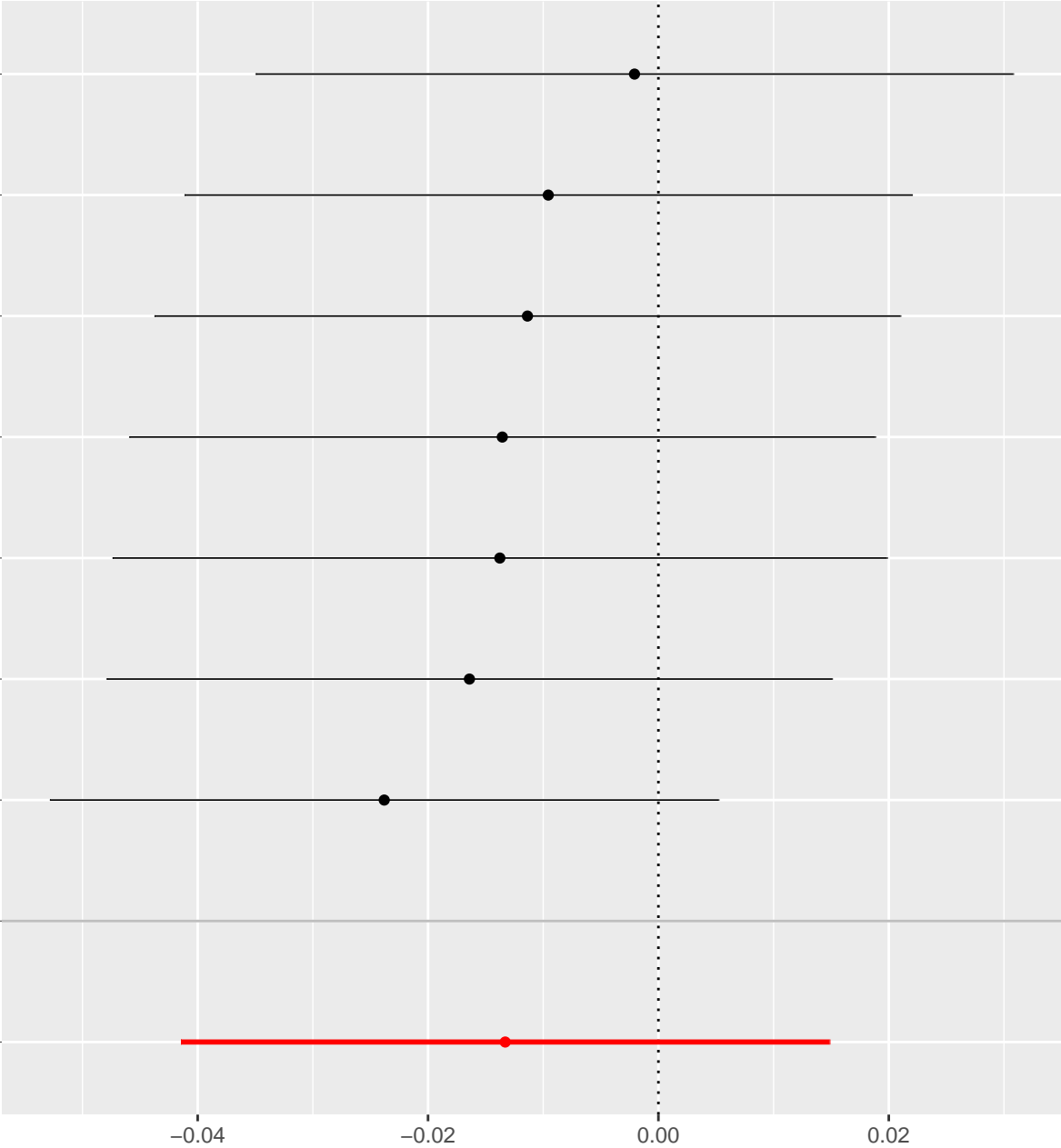
rs6728726

rs2943650

rs693839

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11550 || id:534'

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rs1558902

rs6738627

rs6857

rs693839

rs6728726

rs2943650

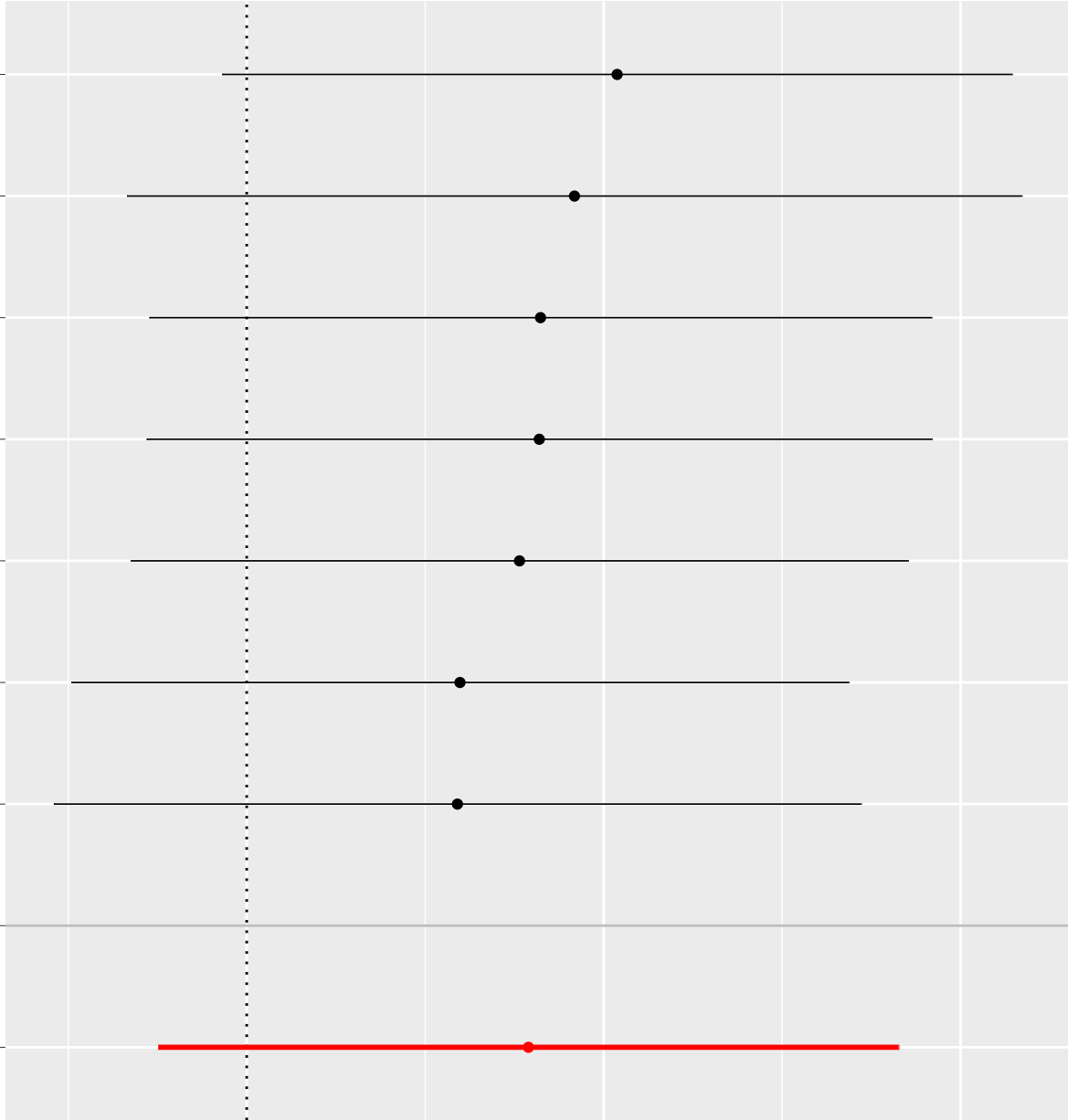
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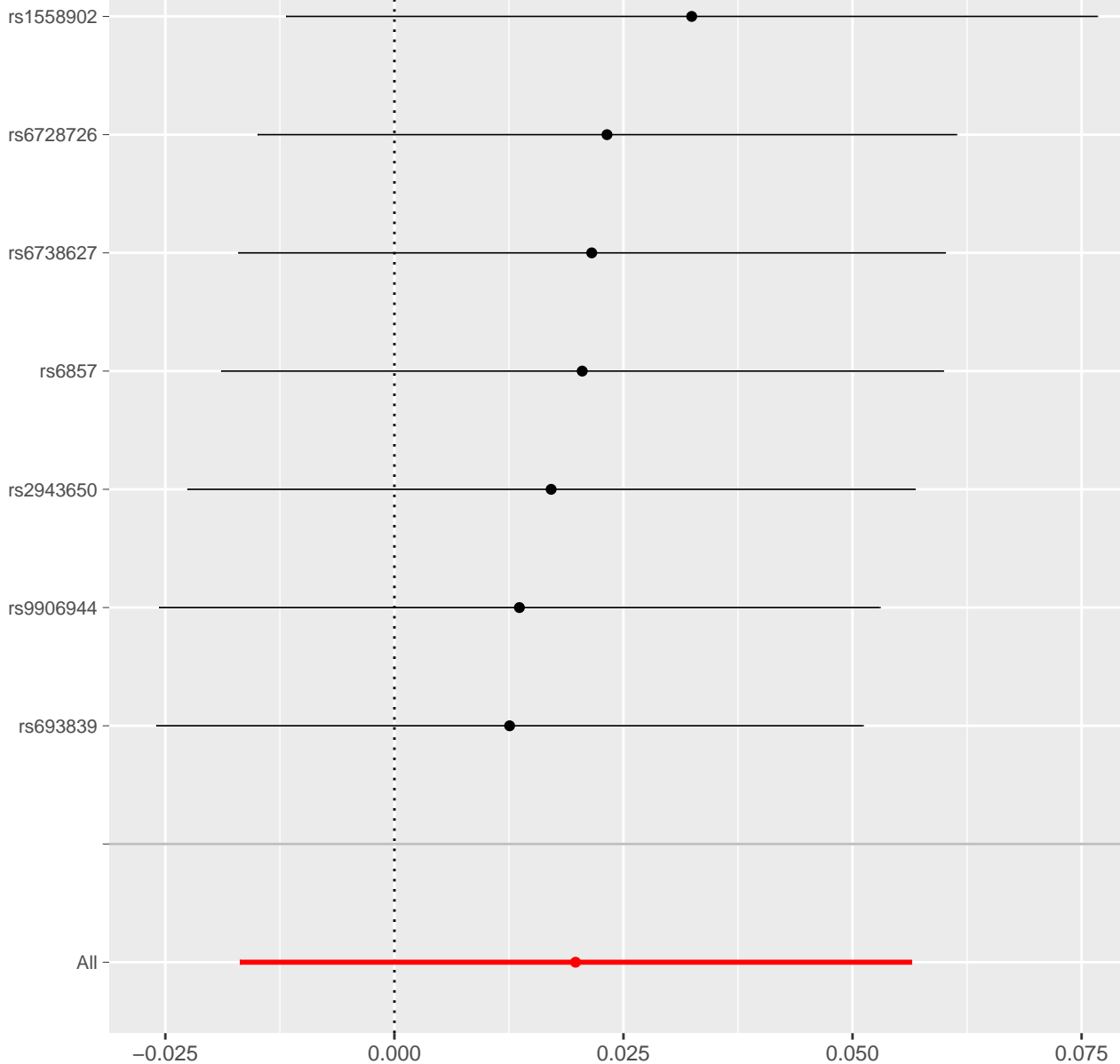
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MR leave-one-out sensitivity analysis for
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rs1558902

rs6738627

rs6857

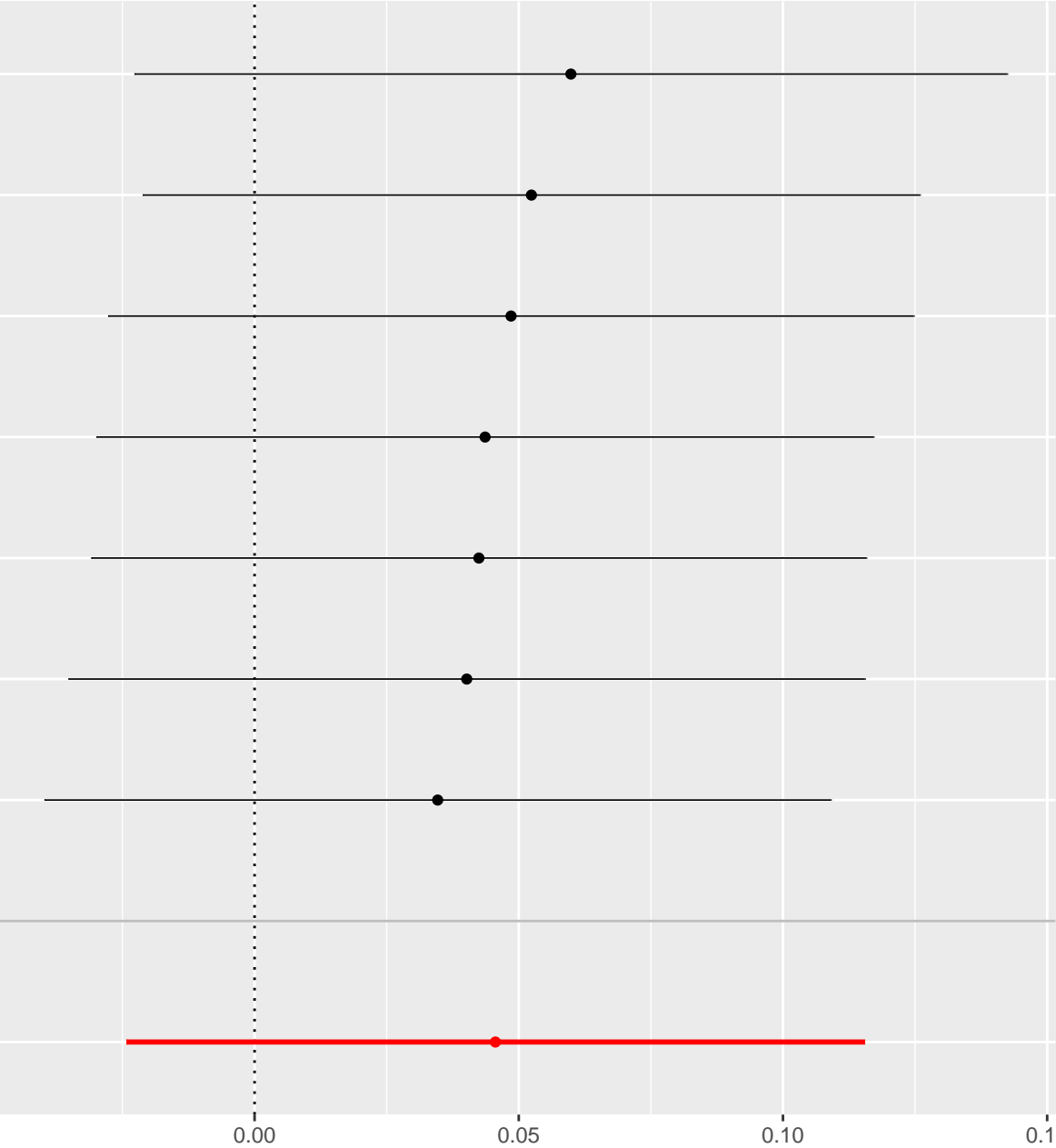
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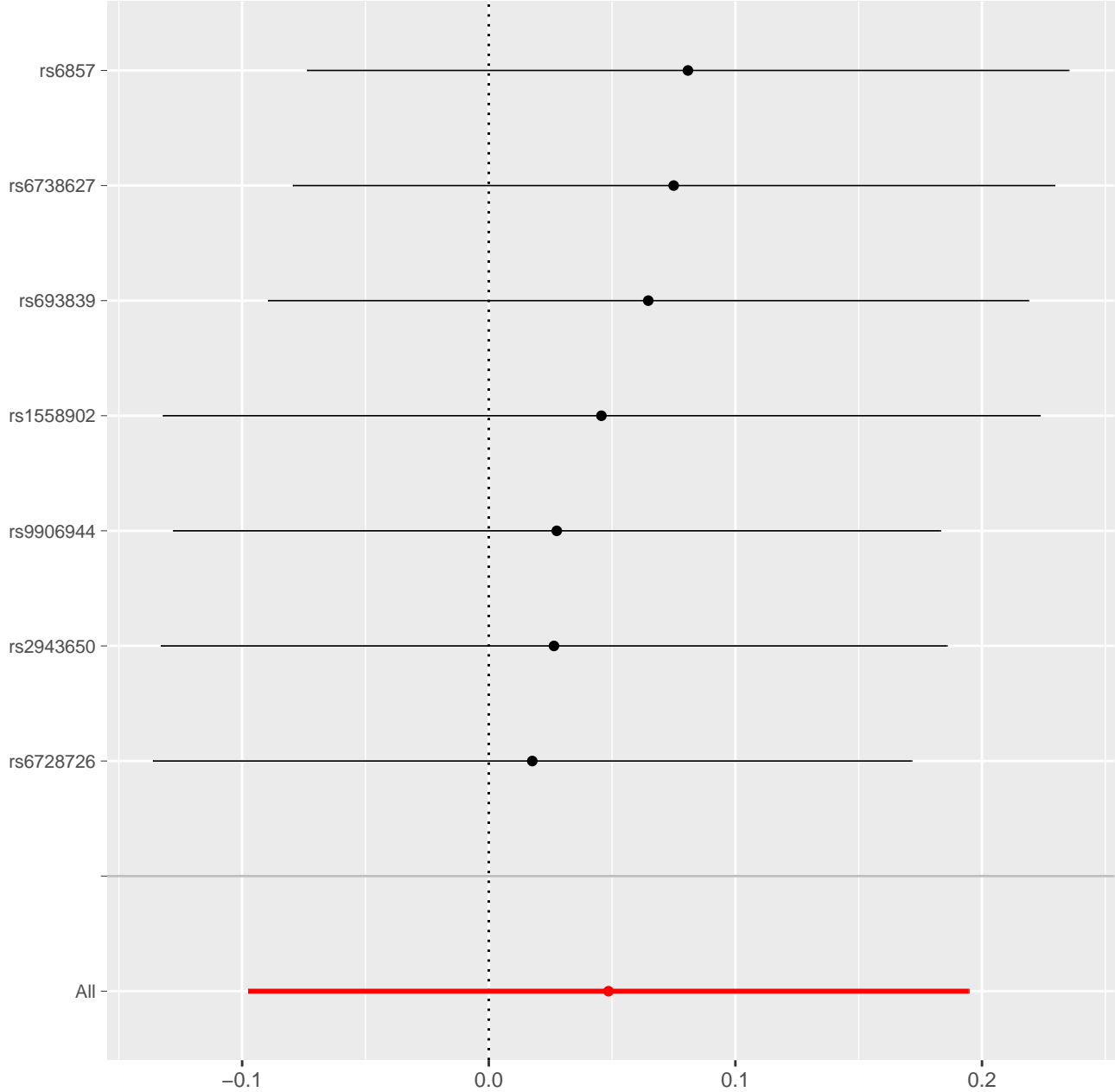
rs6728726

rs2943650

rs9906944

All





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Homostachydrine*' || id:538

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rs6738627

rs1558902

rs9906944

rs6857

rs6728726

rs693839

All

-0.05

0.00

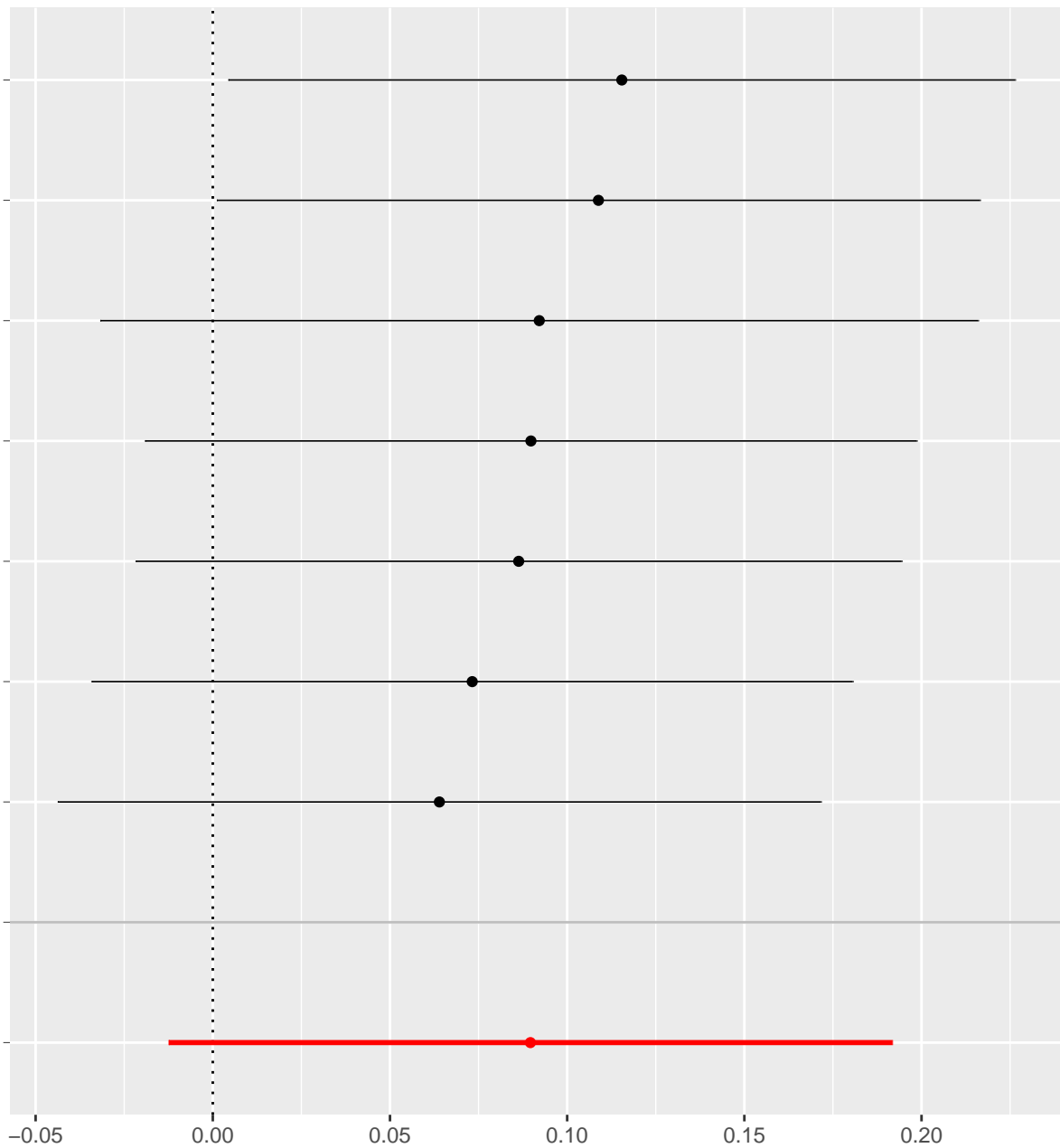
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0.20

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'ADSGEGDFAEGGGVR* || id:539'



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rs693839

rs6738627

rs9906944

rs6728726

rs6857

rs2943650

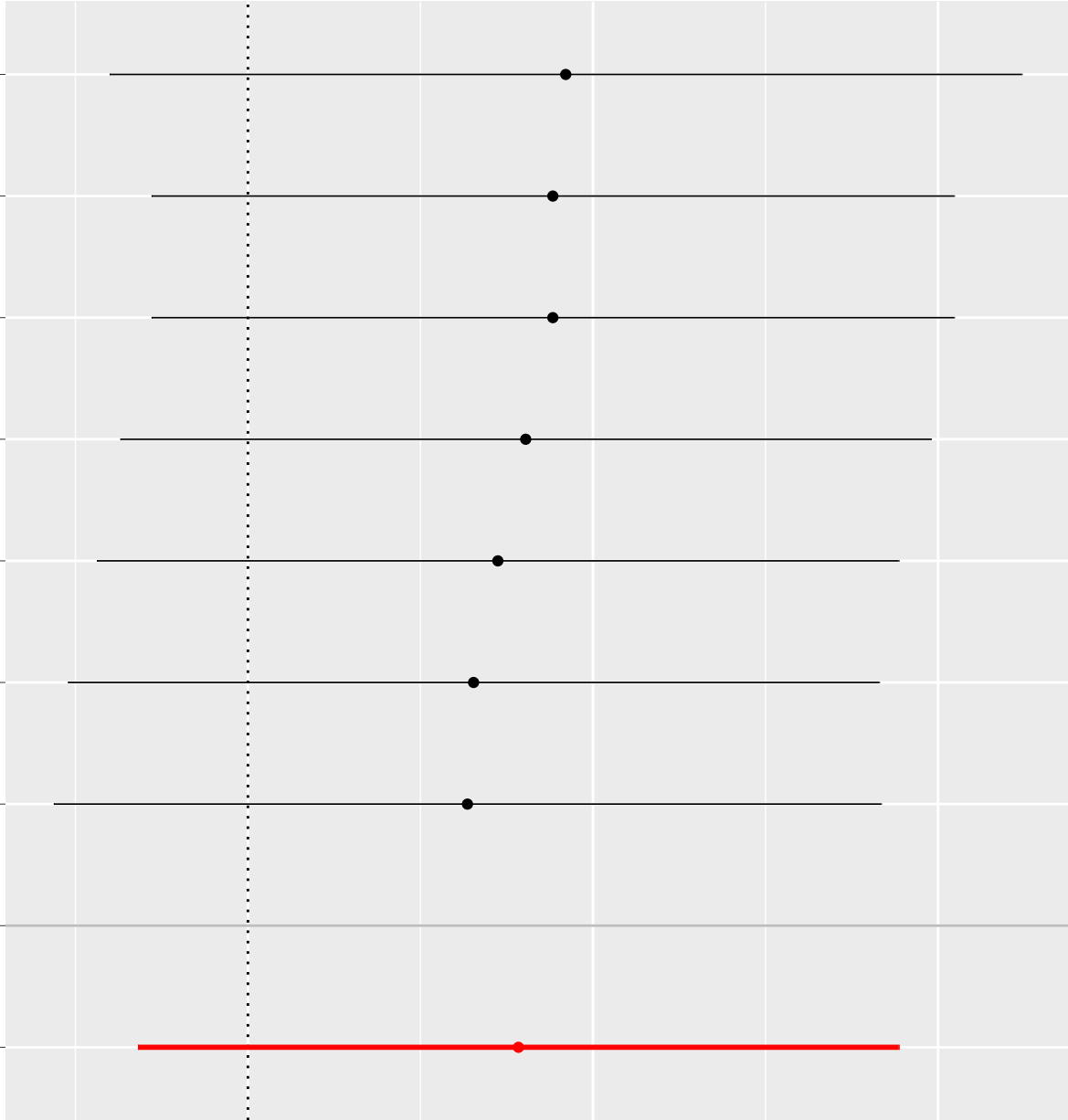
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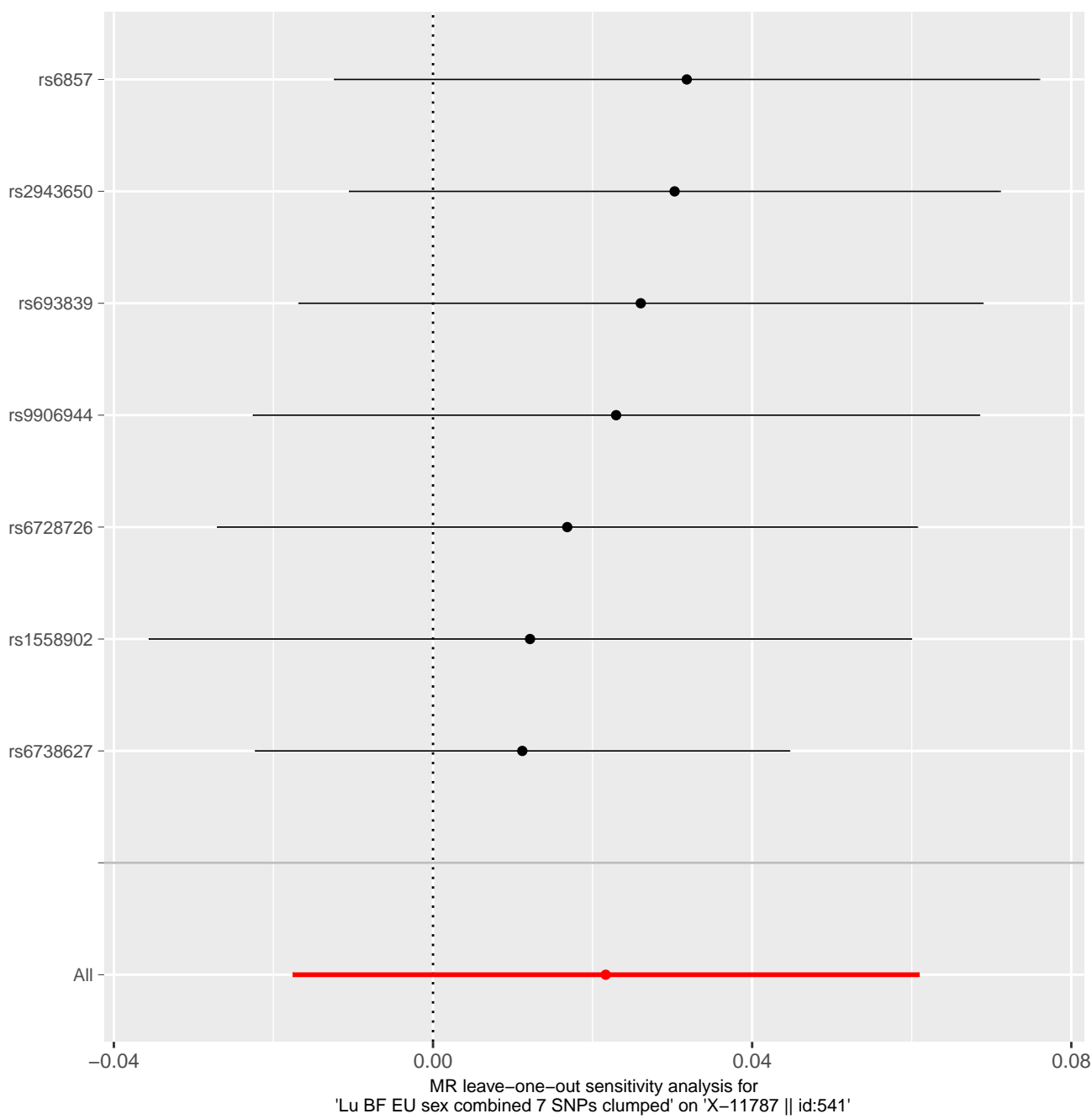
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0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11786—methylocysteine || id:540'





rs2943650

rs6728726

rs6738627

rs6857

rs9906944

rs693839

rs1558902

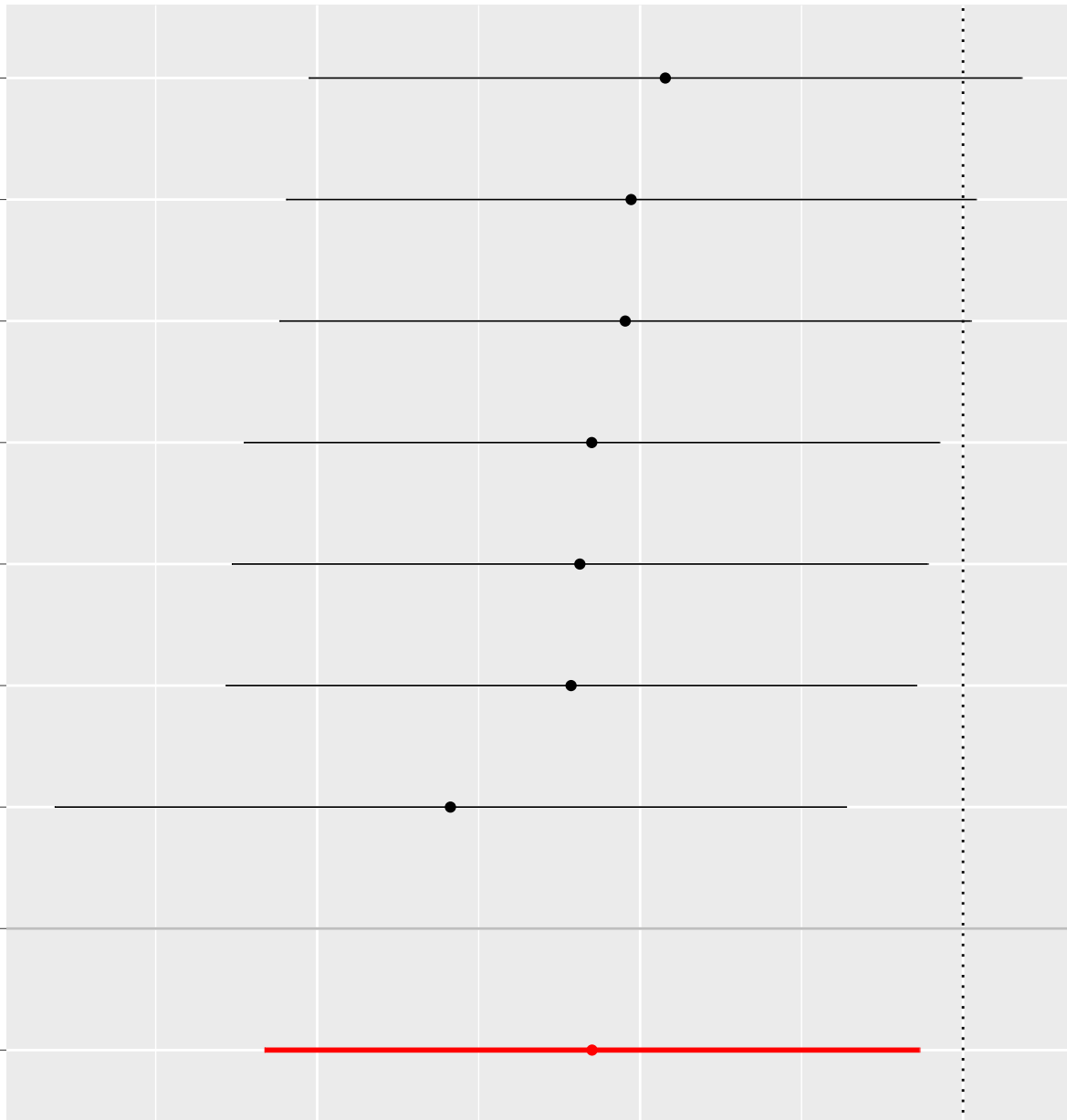
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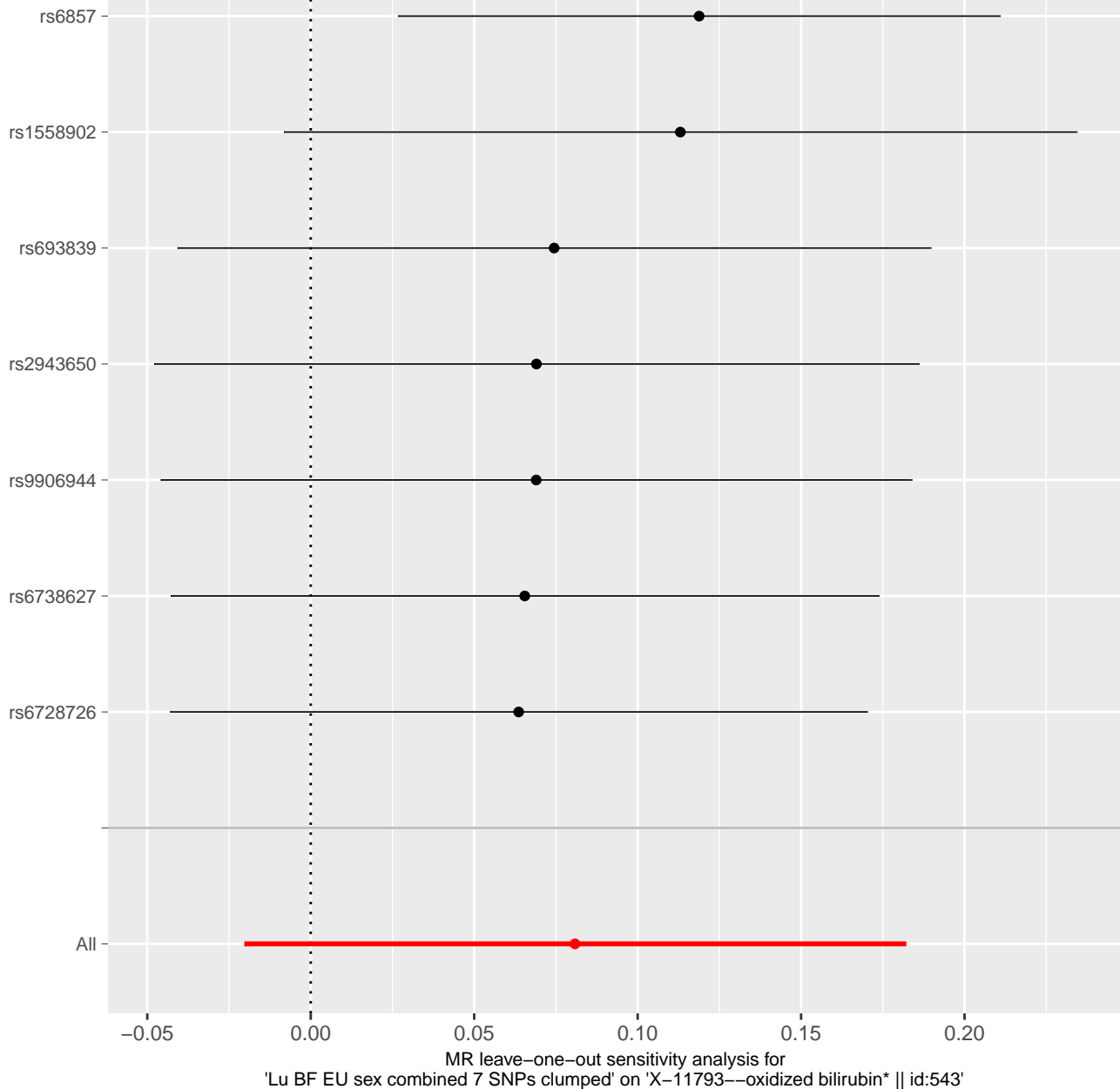
-0.4

-0.2

0.0

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11792 || id:542'





rs9906944

rs693839

rs6738627

rs6728726

rs2943650

rs6857

rs1558902

All

-0.10

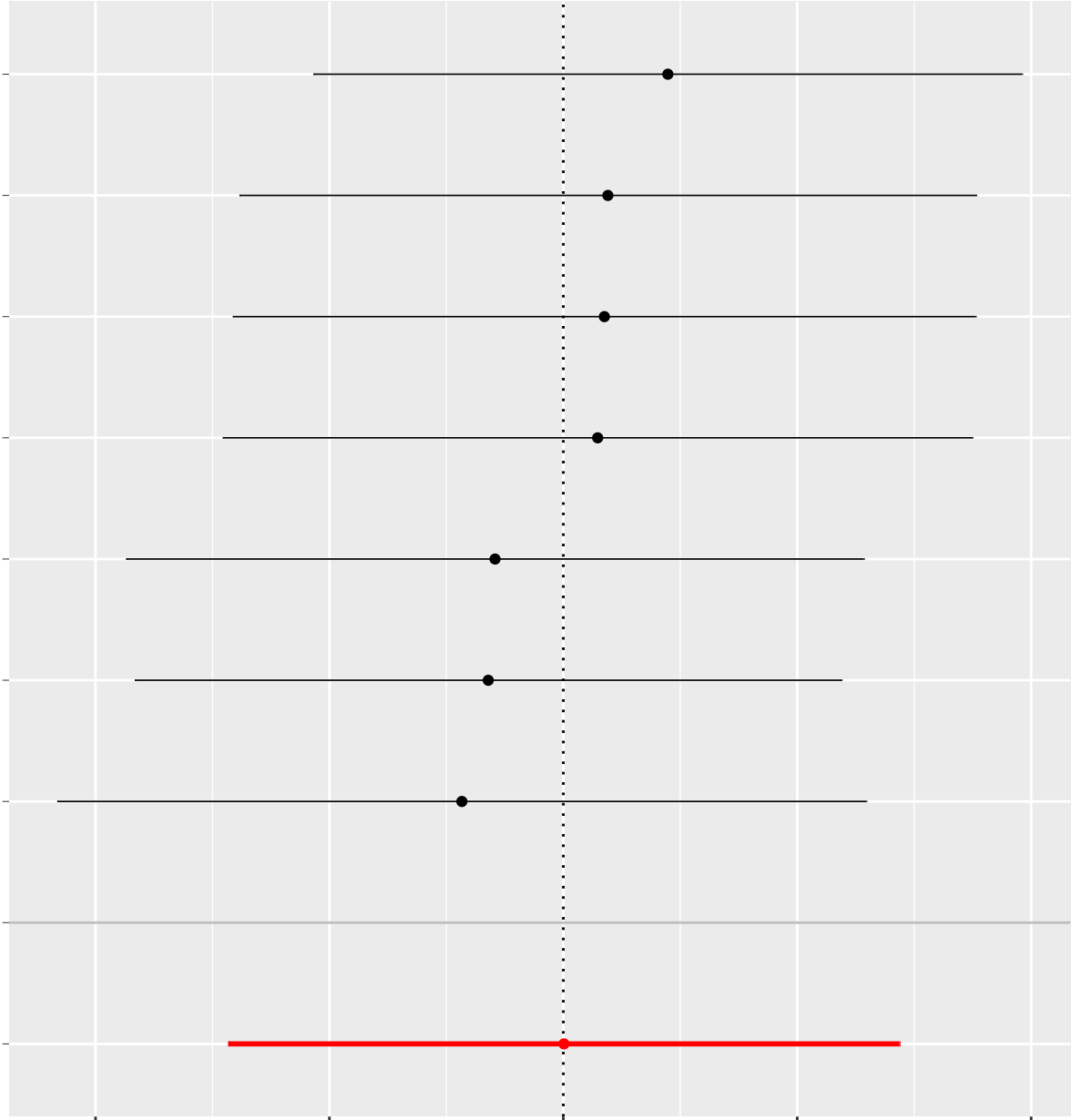
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11795 || id:544'



rs1558902

rs693839

rs6857

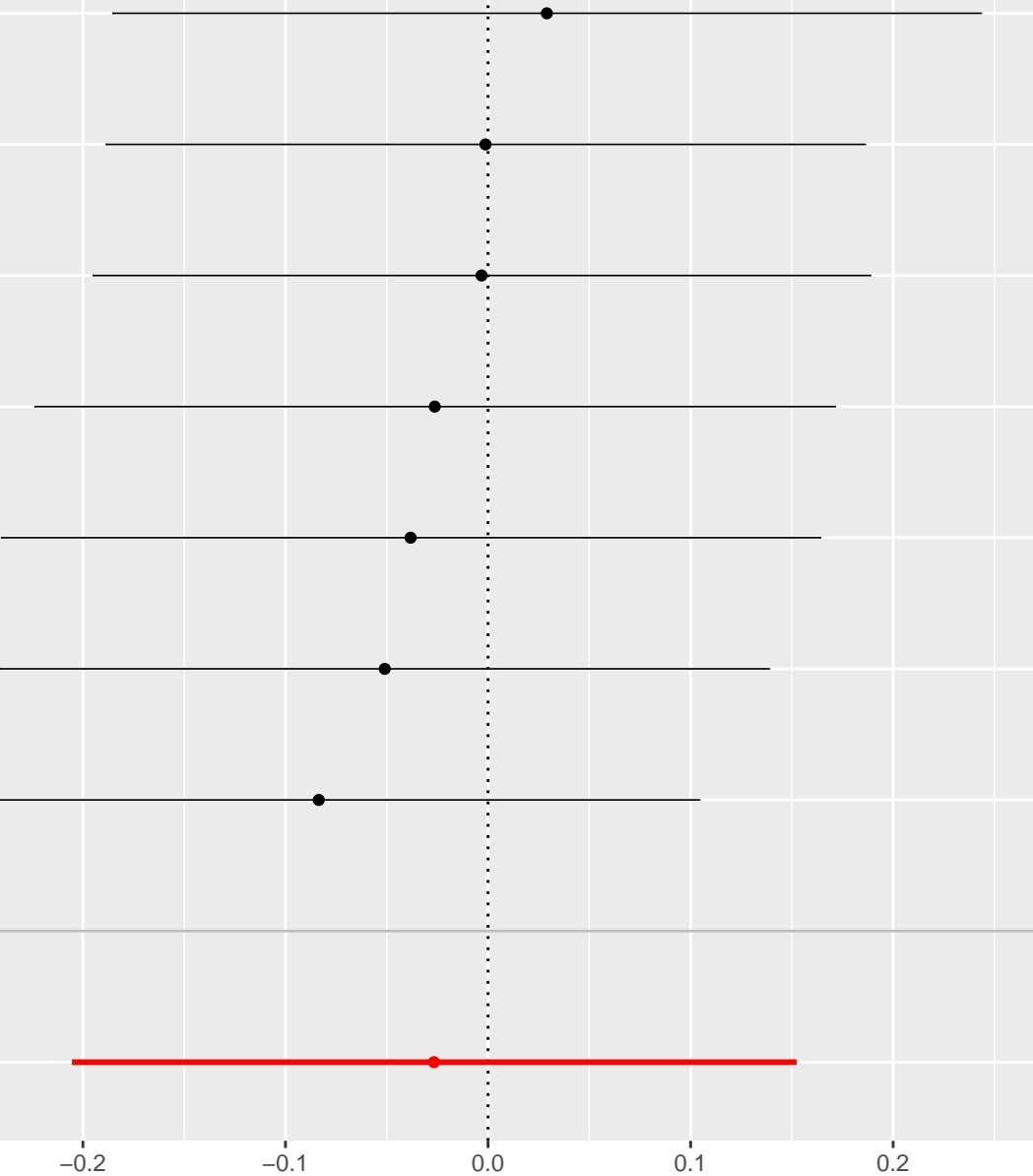
rs6738627

rs2943650

rs9906944

rs6728726

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11799 || id:545'

rs6738627

rs2943650

rs1558902

rs9906944

rs693839

rs6857

rs6728726

All

-0.1

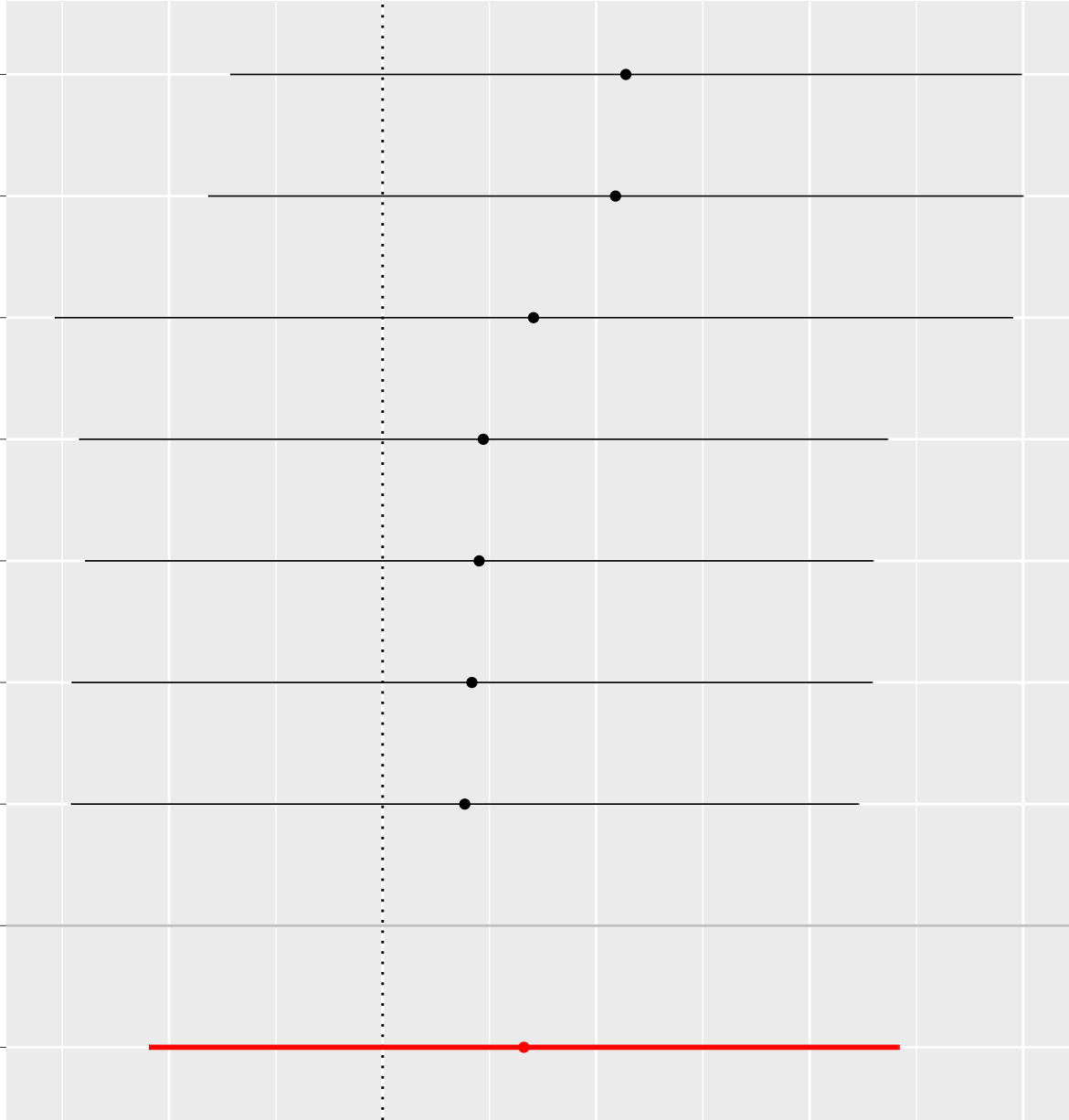
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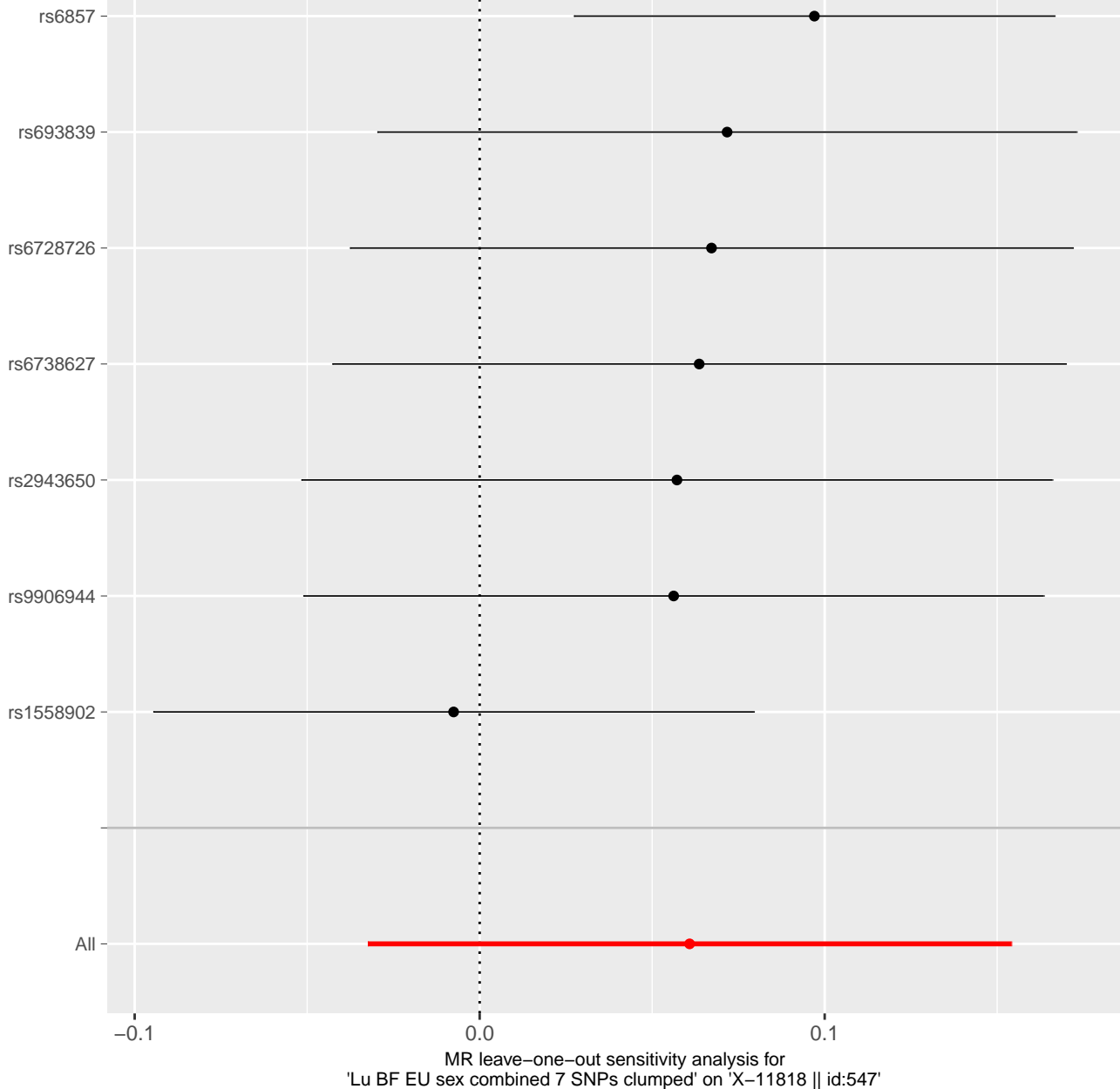
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0.2

0.3

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11805 || id:546'





rs1558902

rs6738627

rs9906944

rs693839

rs6728726

rs6857

rs2943650

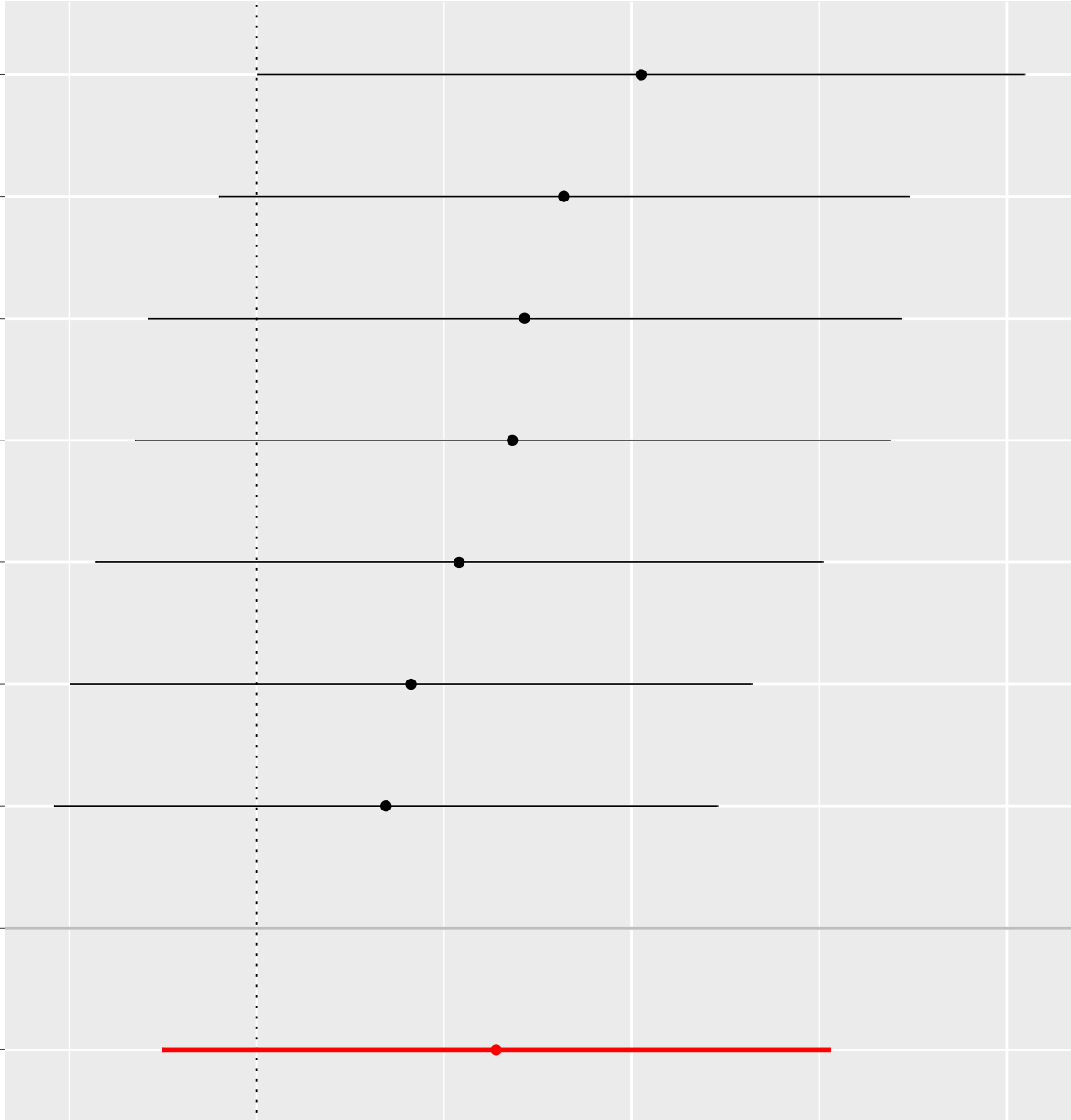
All

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0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11820 || id:548'



rs6728726

rs9906944

rs6738627

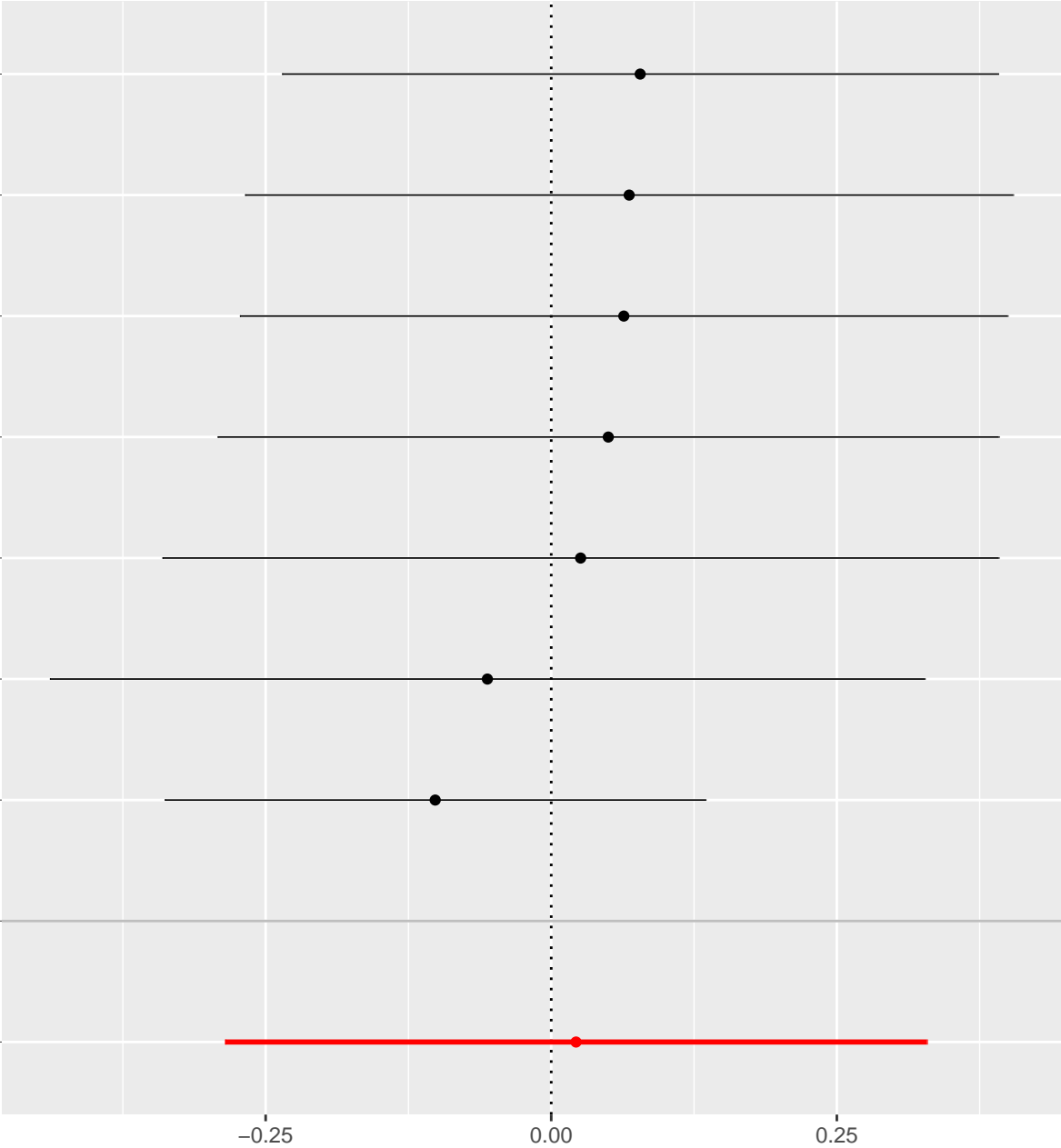
rs693839

rs2943650

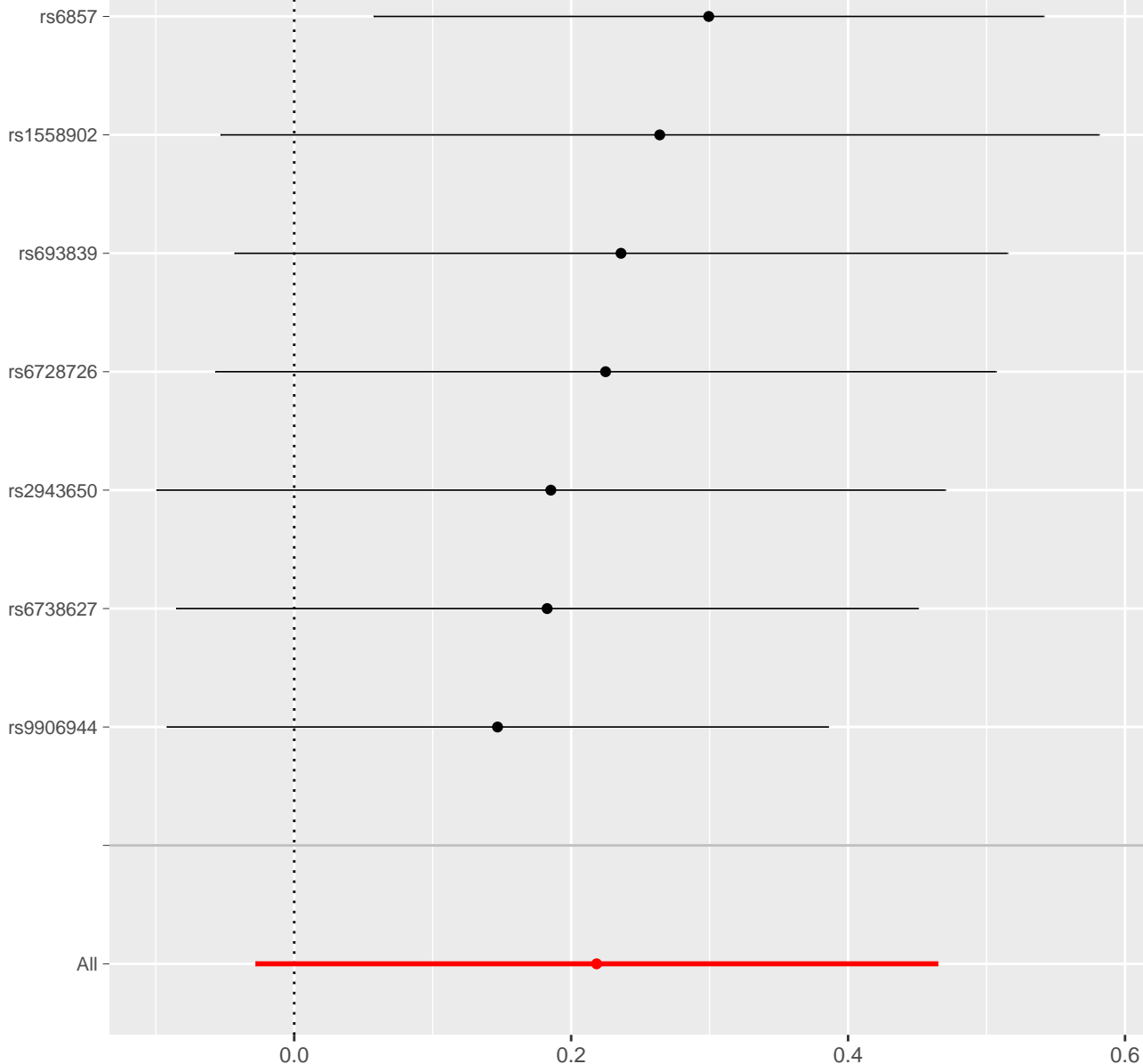
rs1558902

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11843 || id:549'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11845 || id:550'

rs1558902

rs6728726

rs6857

rs2943650

rs6738627

rs693839

rs9906944

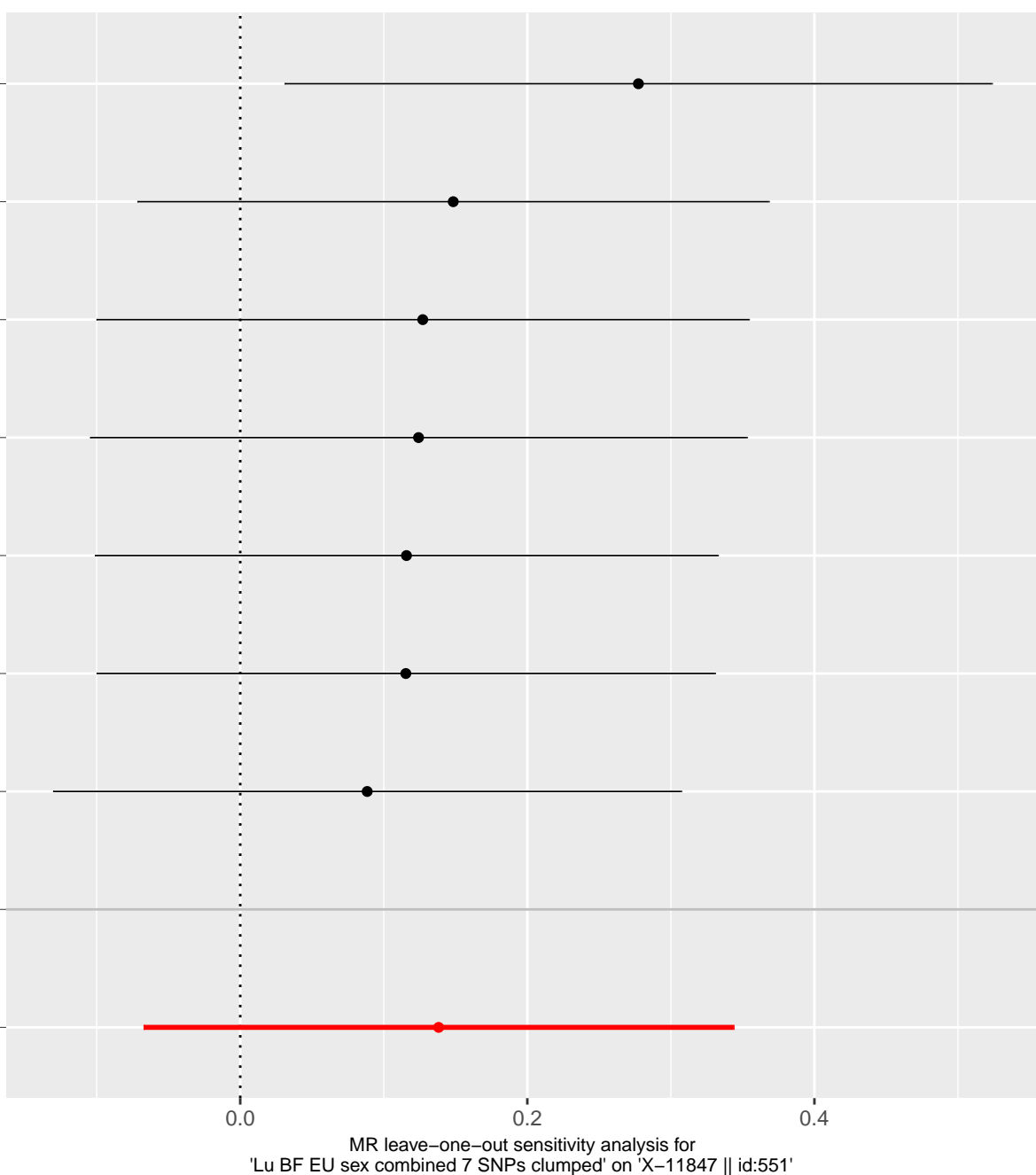
All

0.0

0.2

0.4

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11847 || id:551'



rs1558902

rs6857

rs6728726

rs693839

rs2943650

rs6738627

rs9906944

All

-0.2

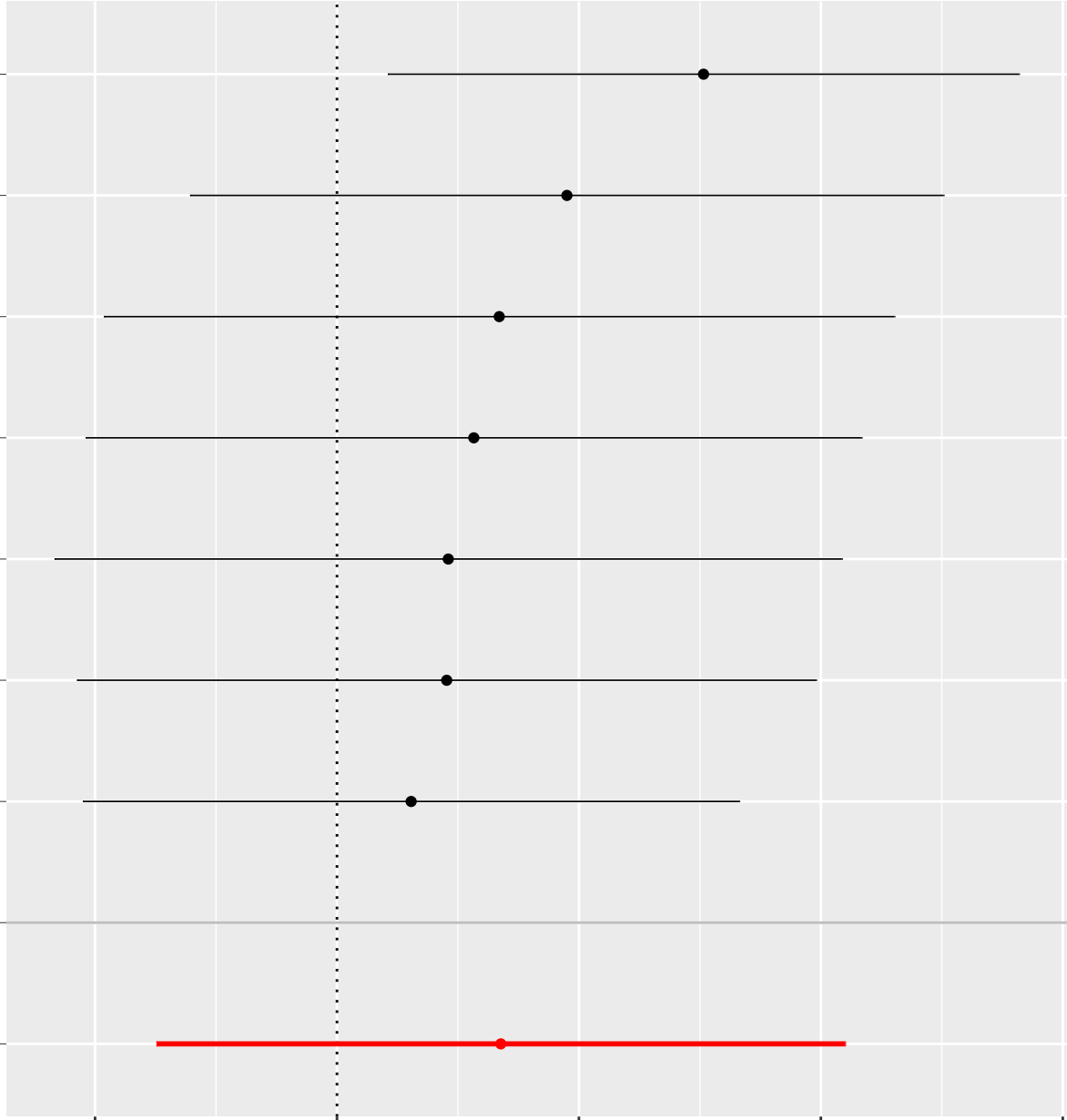
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0.4

0.6

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11849 || id:552'



rs6728726

rs2943650

rs693839

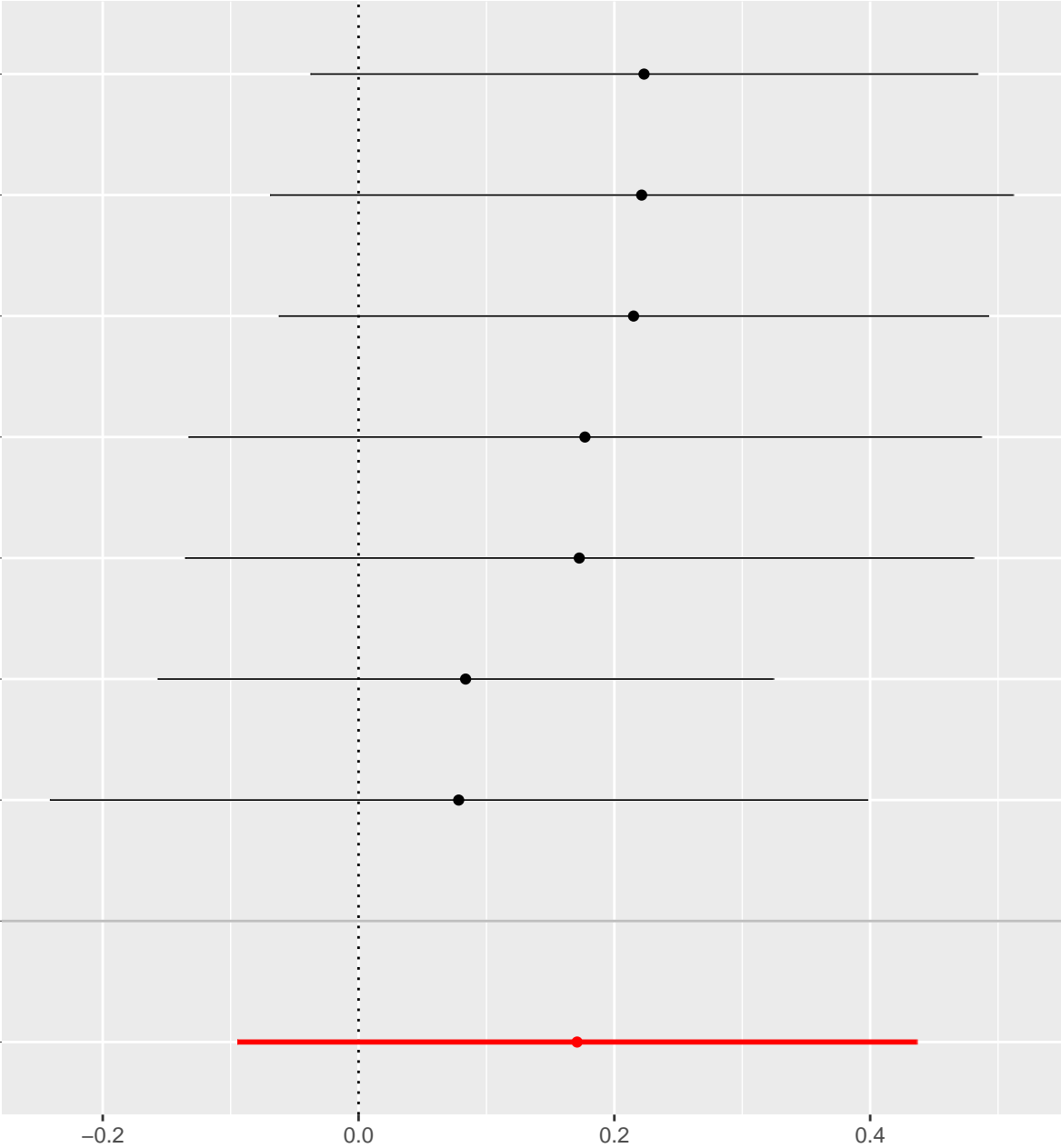
rs9906944

rs6738627

rs6857

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11850 || id:553'

rs1558902

rs6857

rs693839

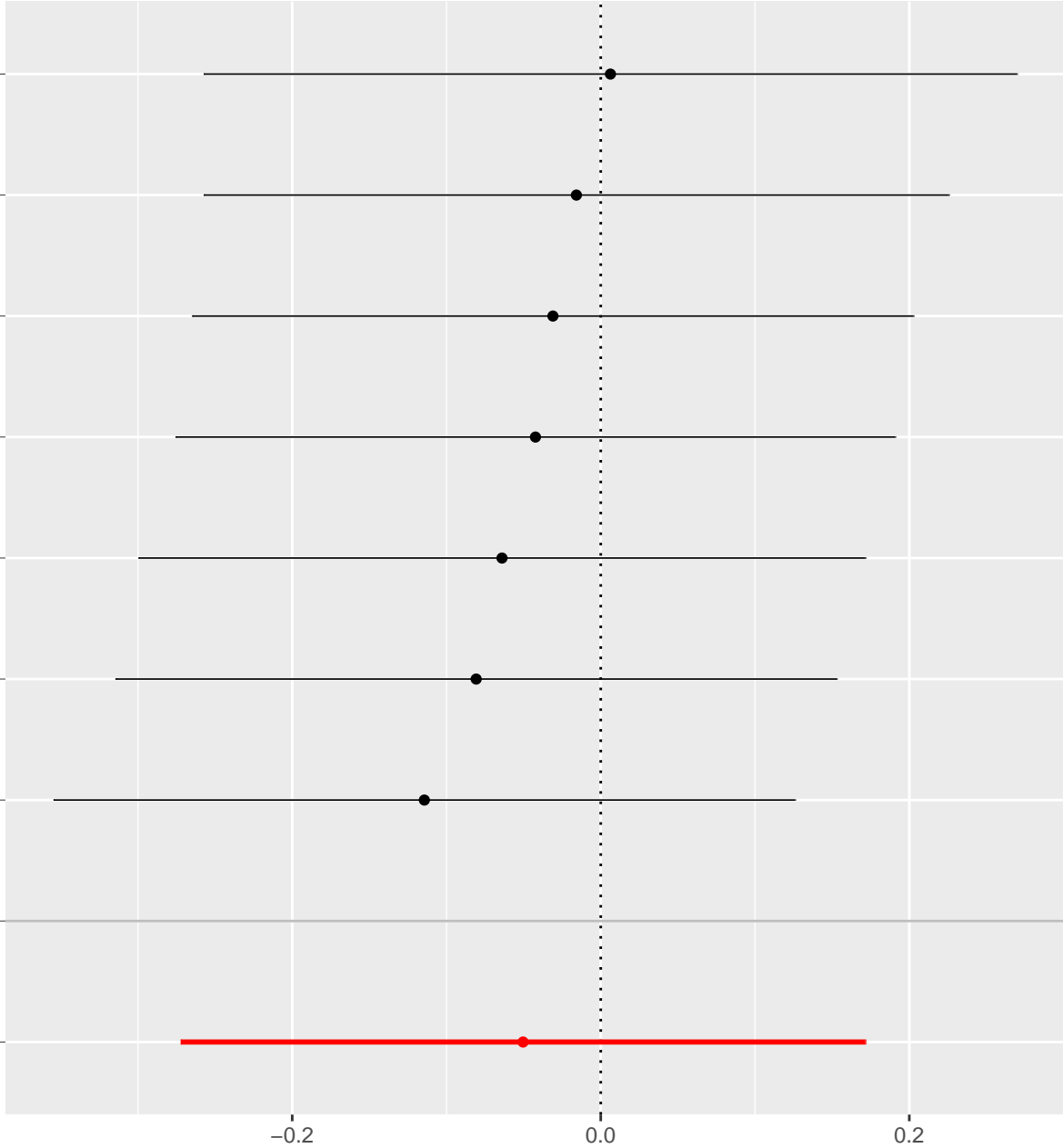
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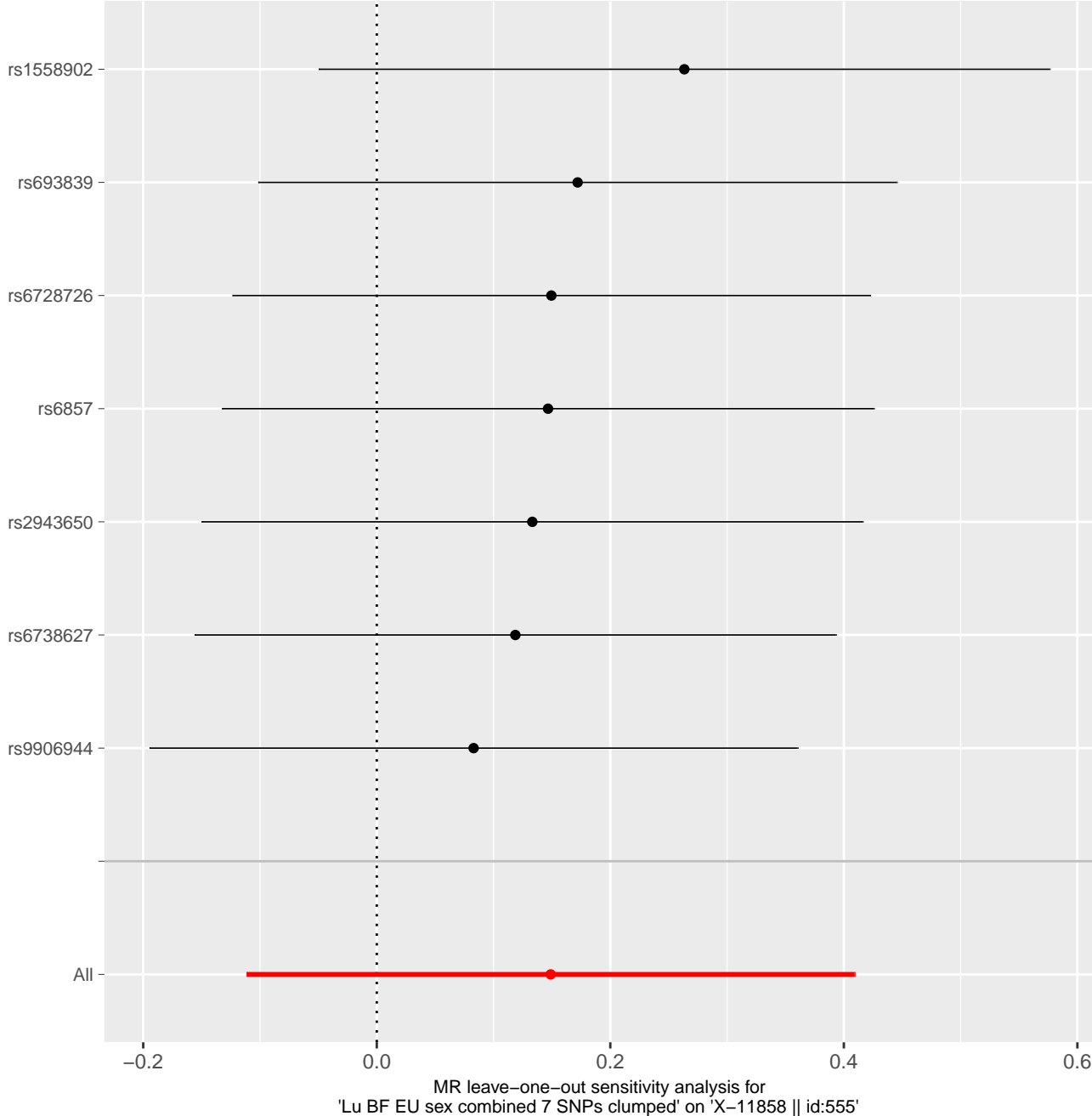
rs9906944

rs6738627

rs2943650

All





rs1558902

rs6857

rs9906944

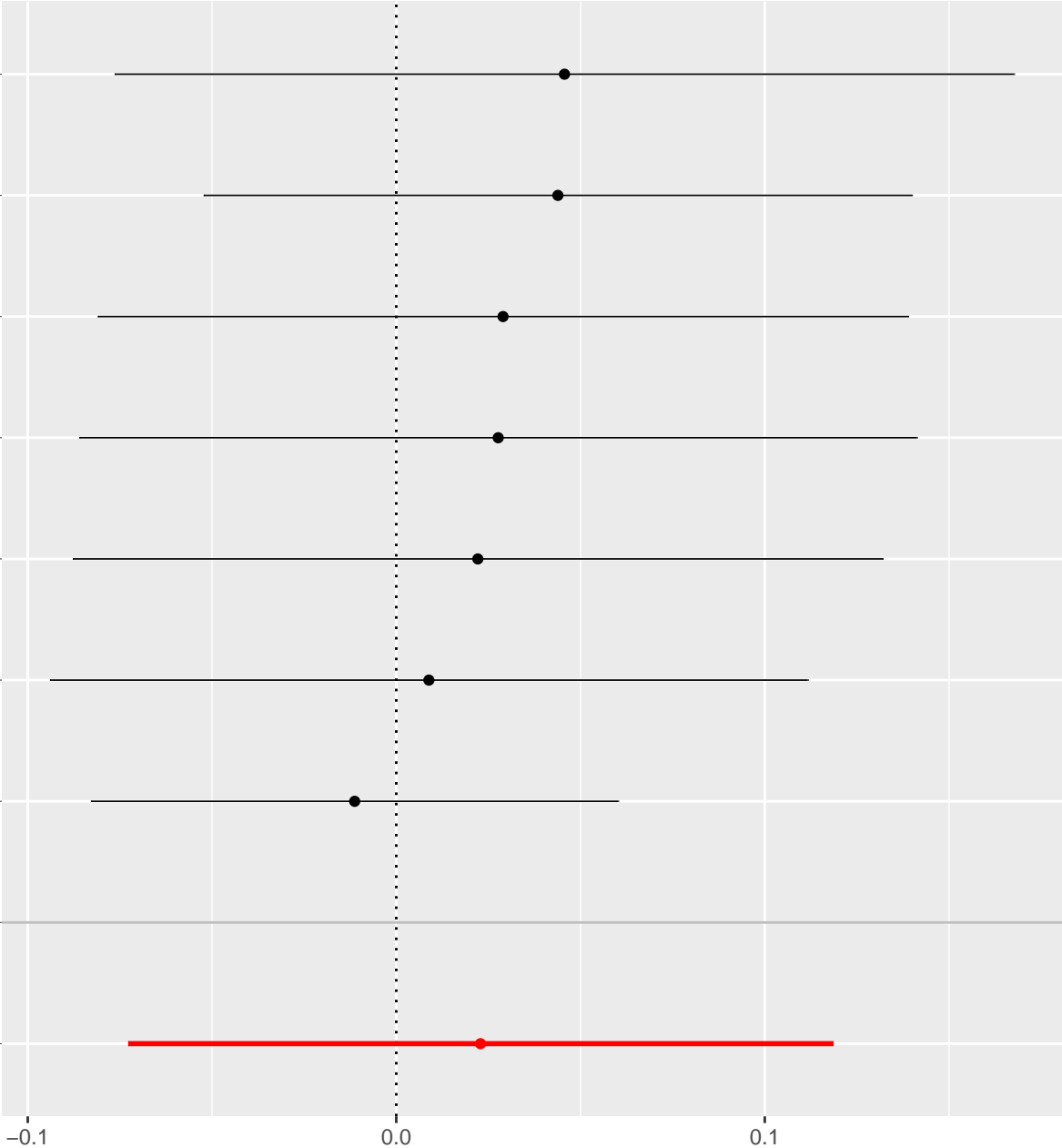
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rs693839

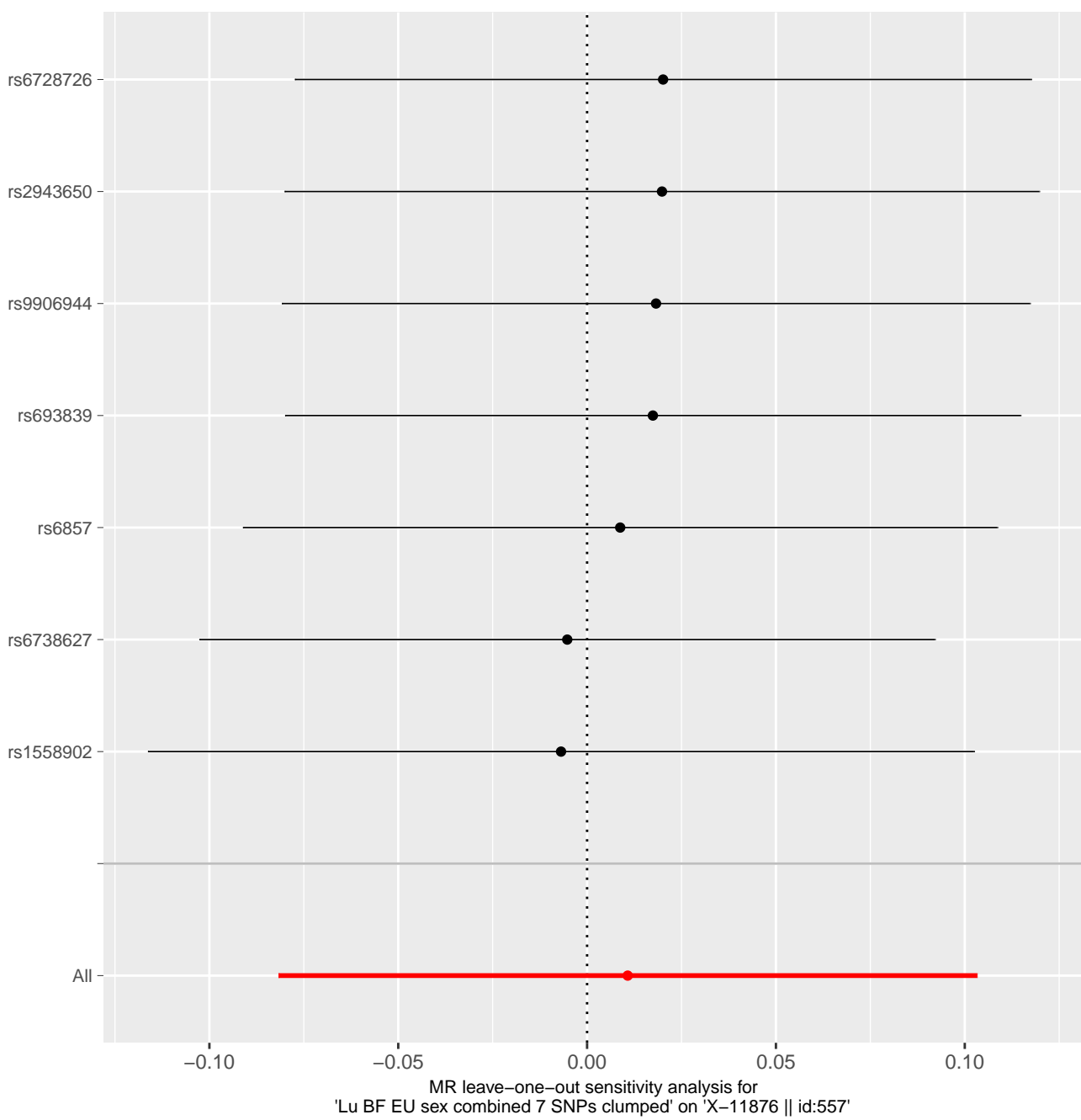
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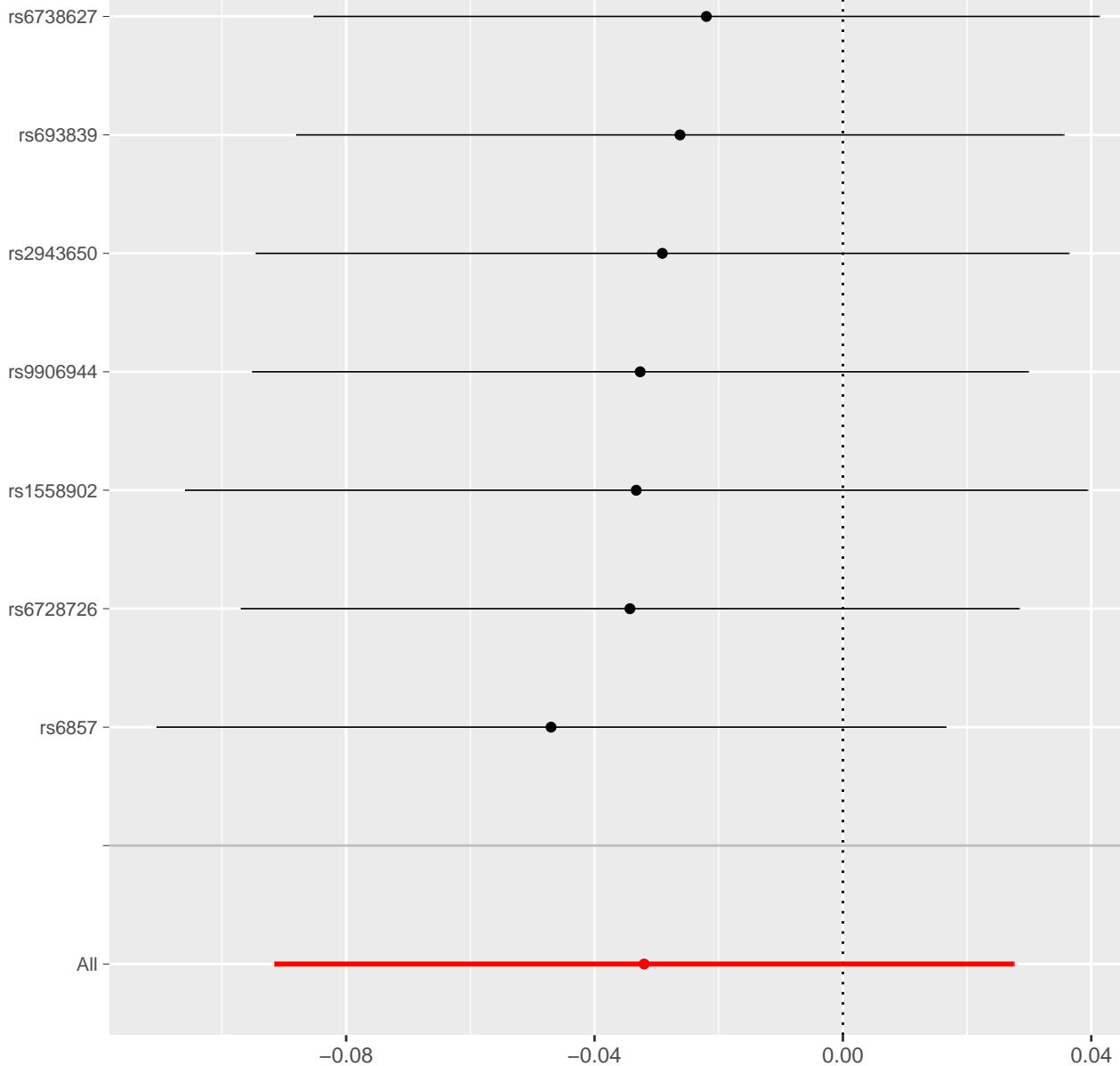
rs6738627

All

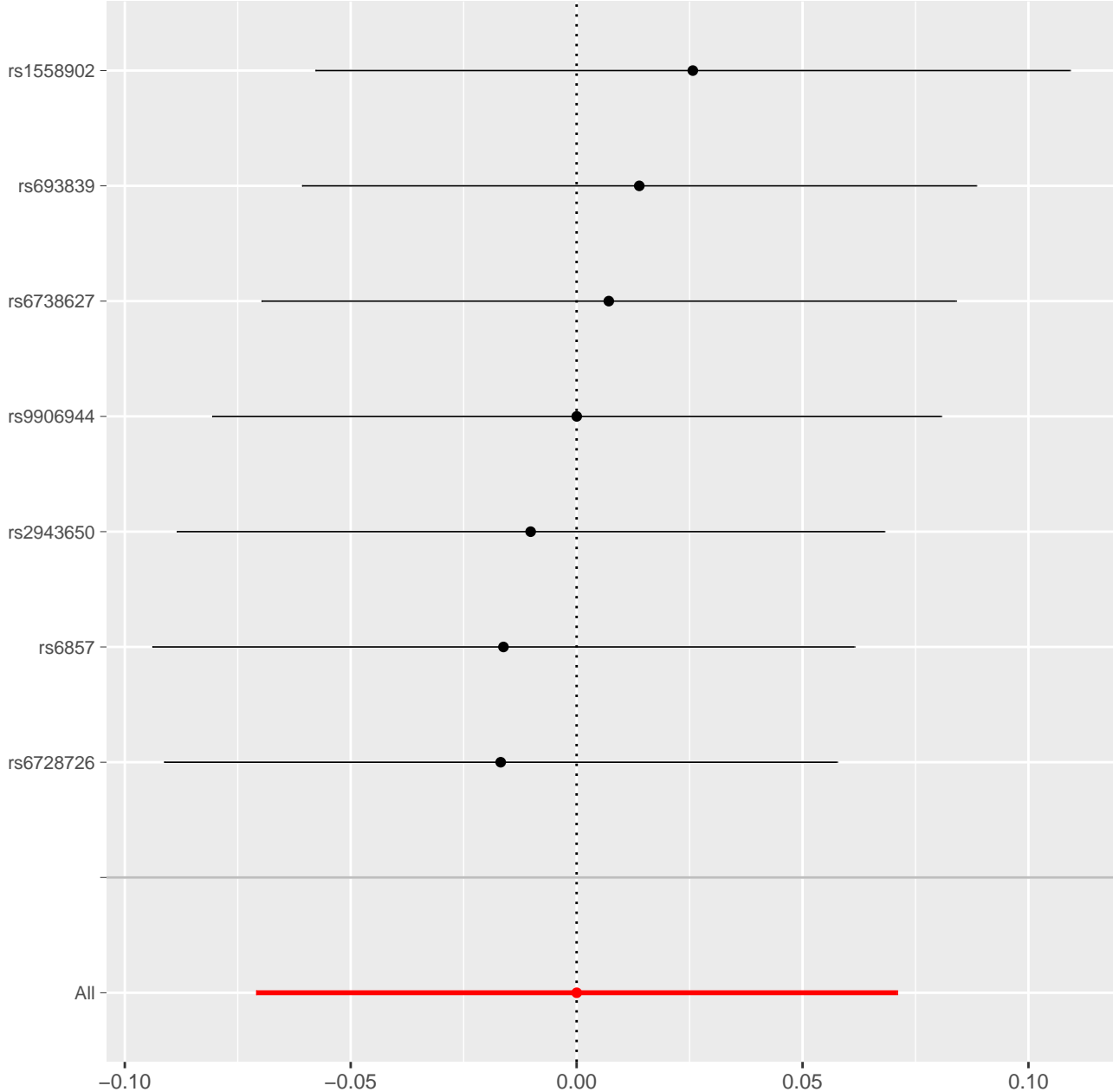


MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11859 || id:556'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-arachidonoylglycerophosphocholine* || id:558'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-palmitoleoylglycerophosphocholine* || id:559'

rs1558902

rs6857

rs6728726

rs6738627

rs9906944

rs693839

rs2943650

All

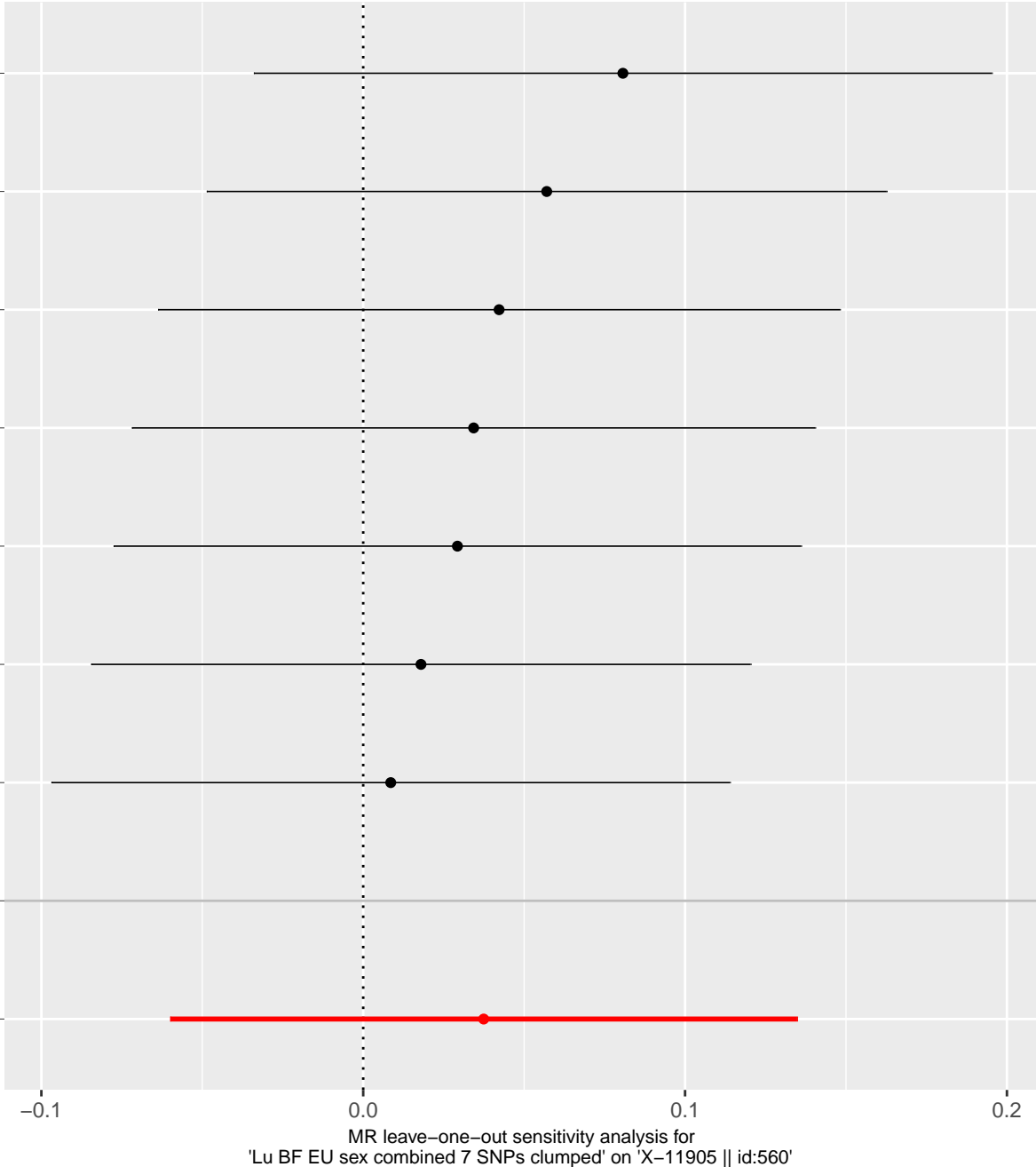
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0.0

0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-11905 || id:560'



rs693839

rs2943650

rs6738627

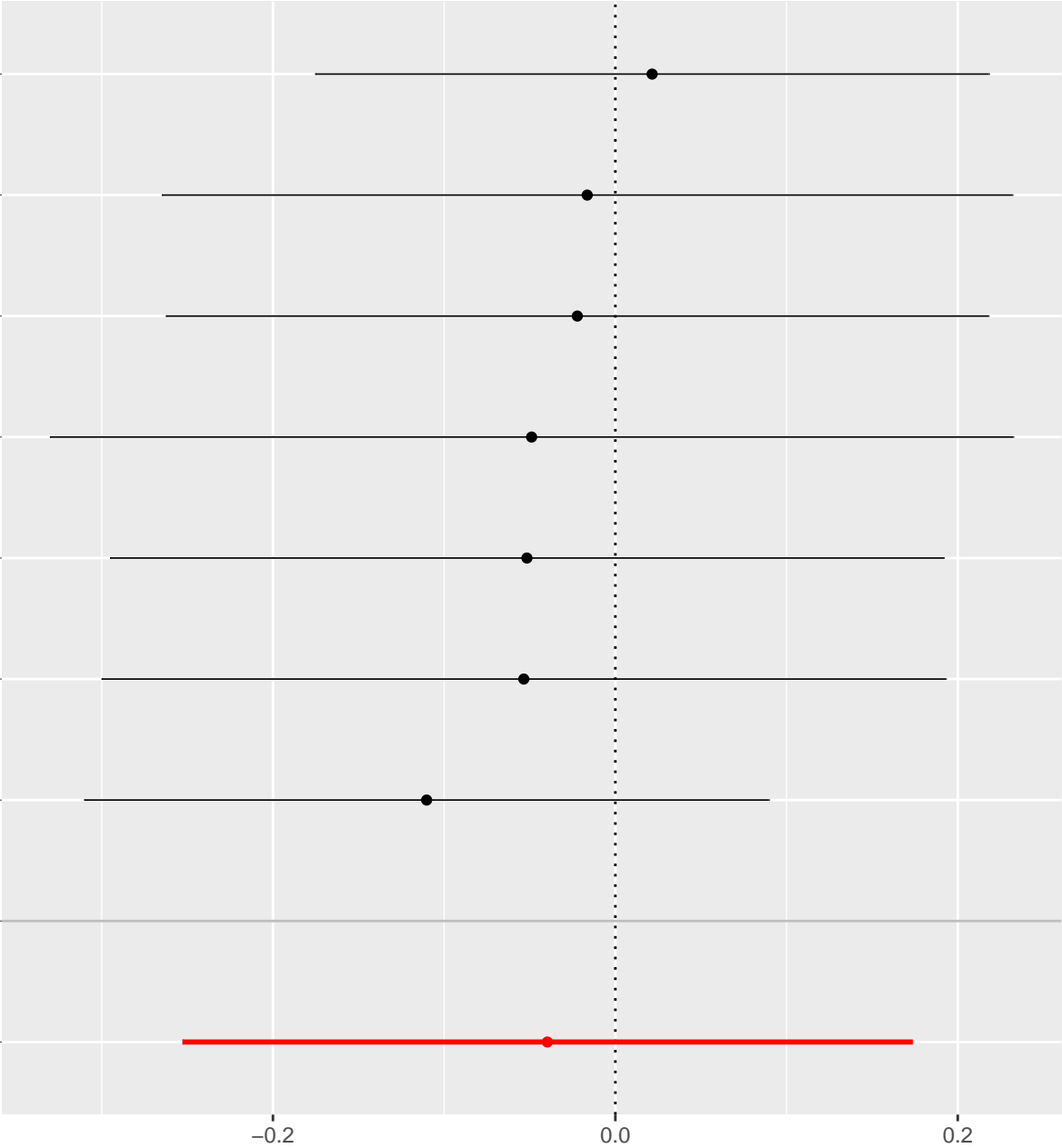
rs1558902

rs6728726

rs9906944

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12007 || id:561'

rs6728726

rs693839

rs9906944

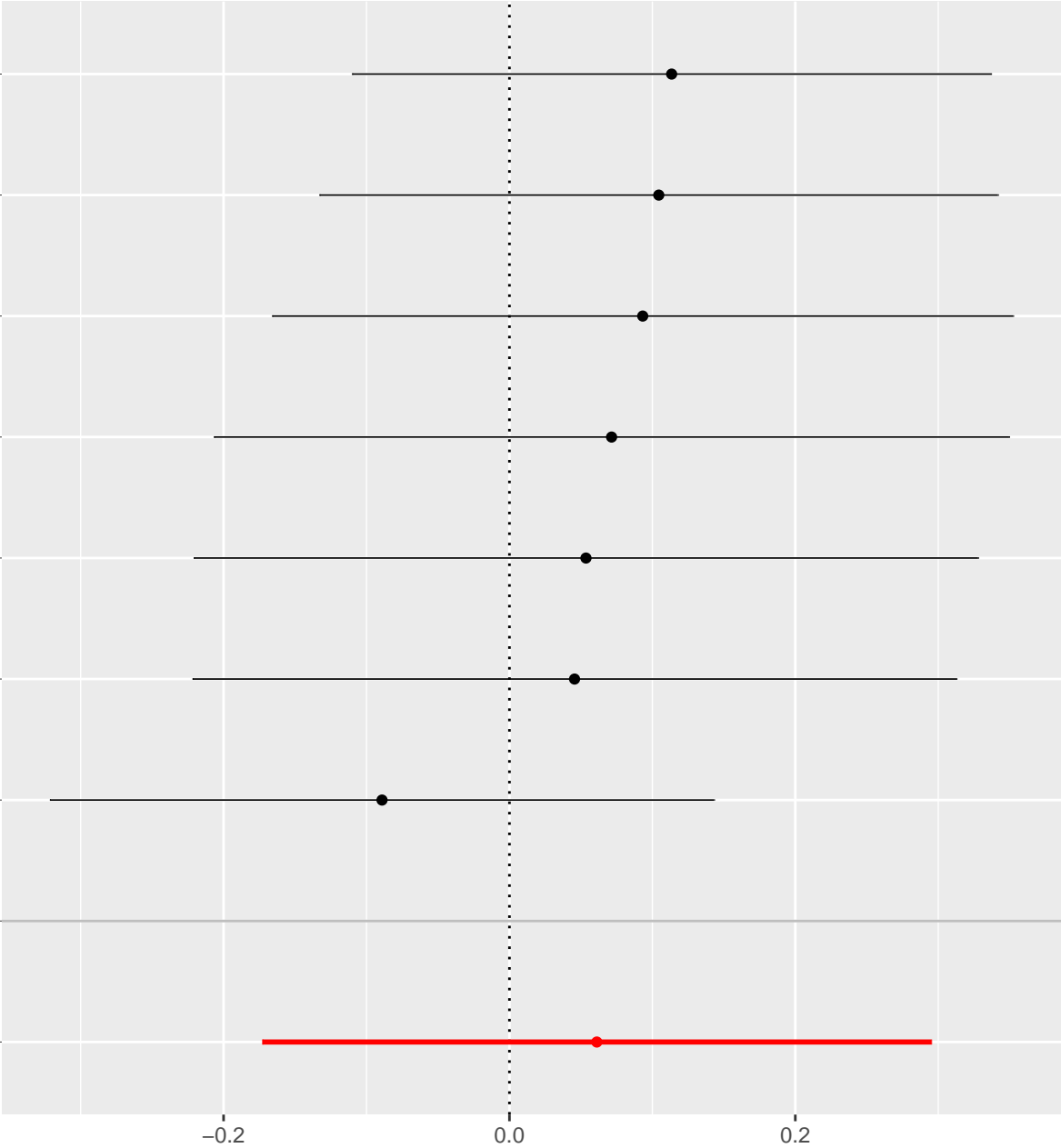
rs2943650

rs6857

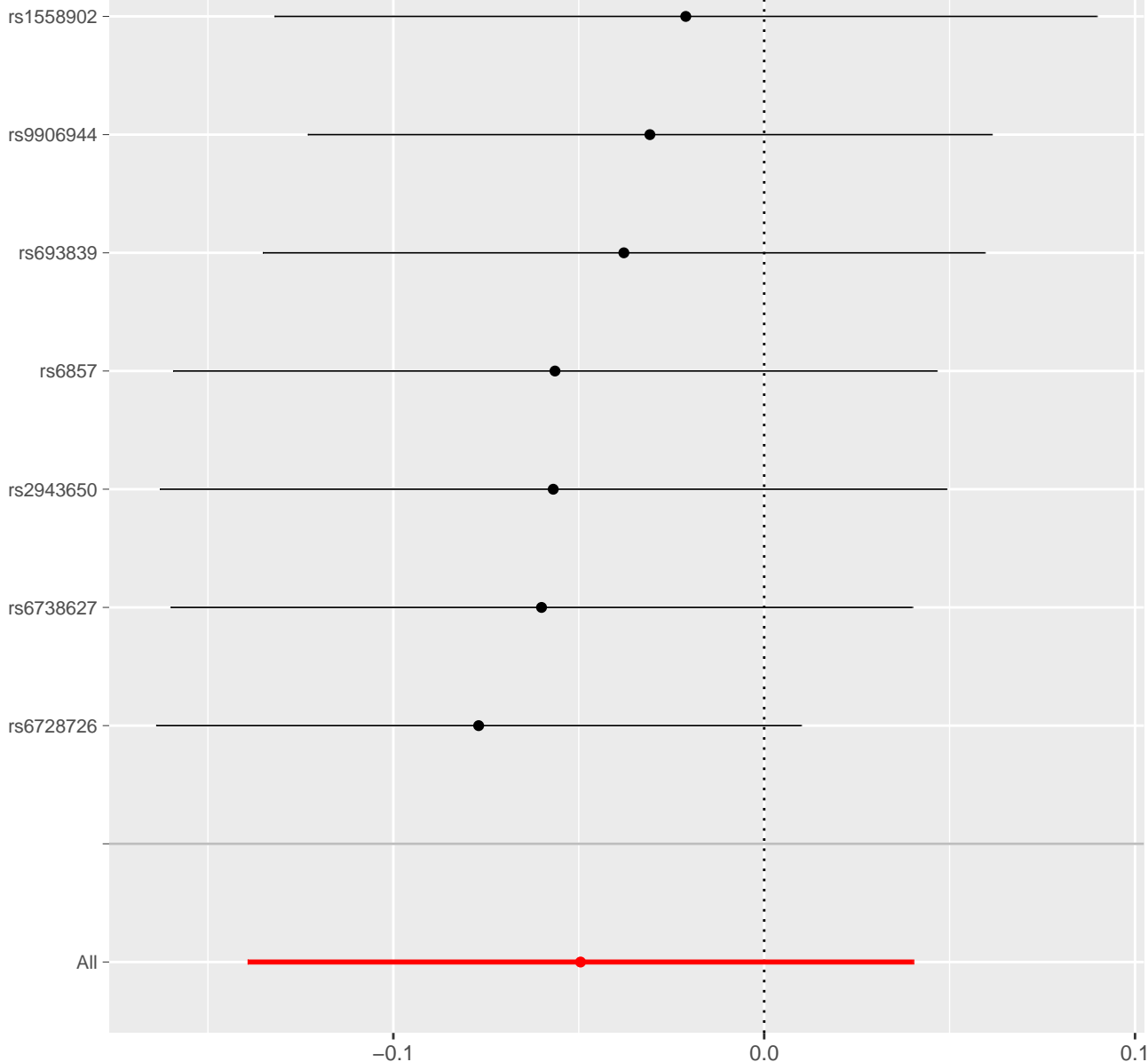
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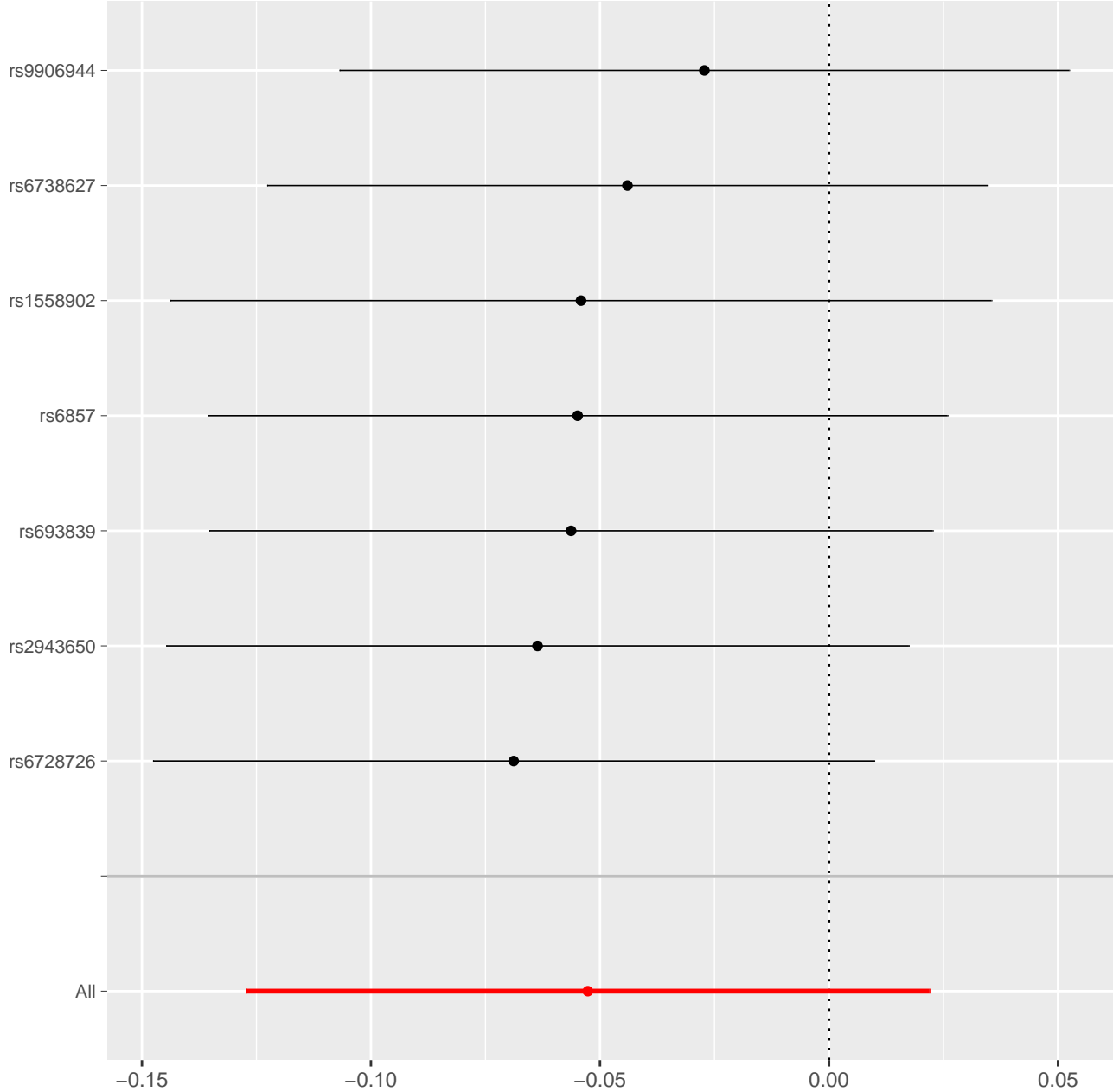
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All

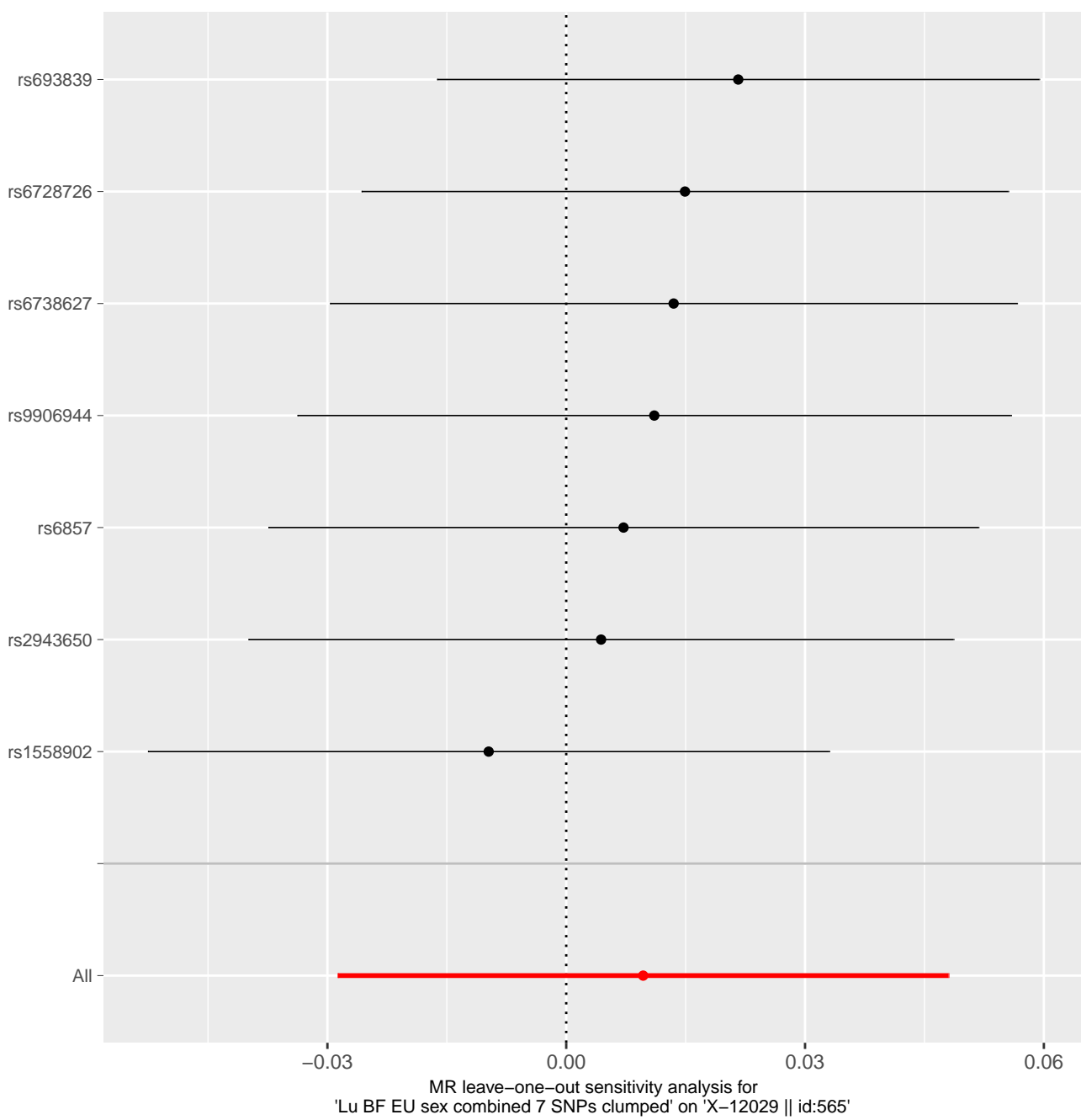


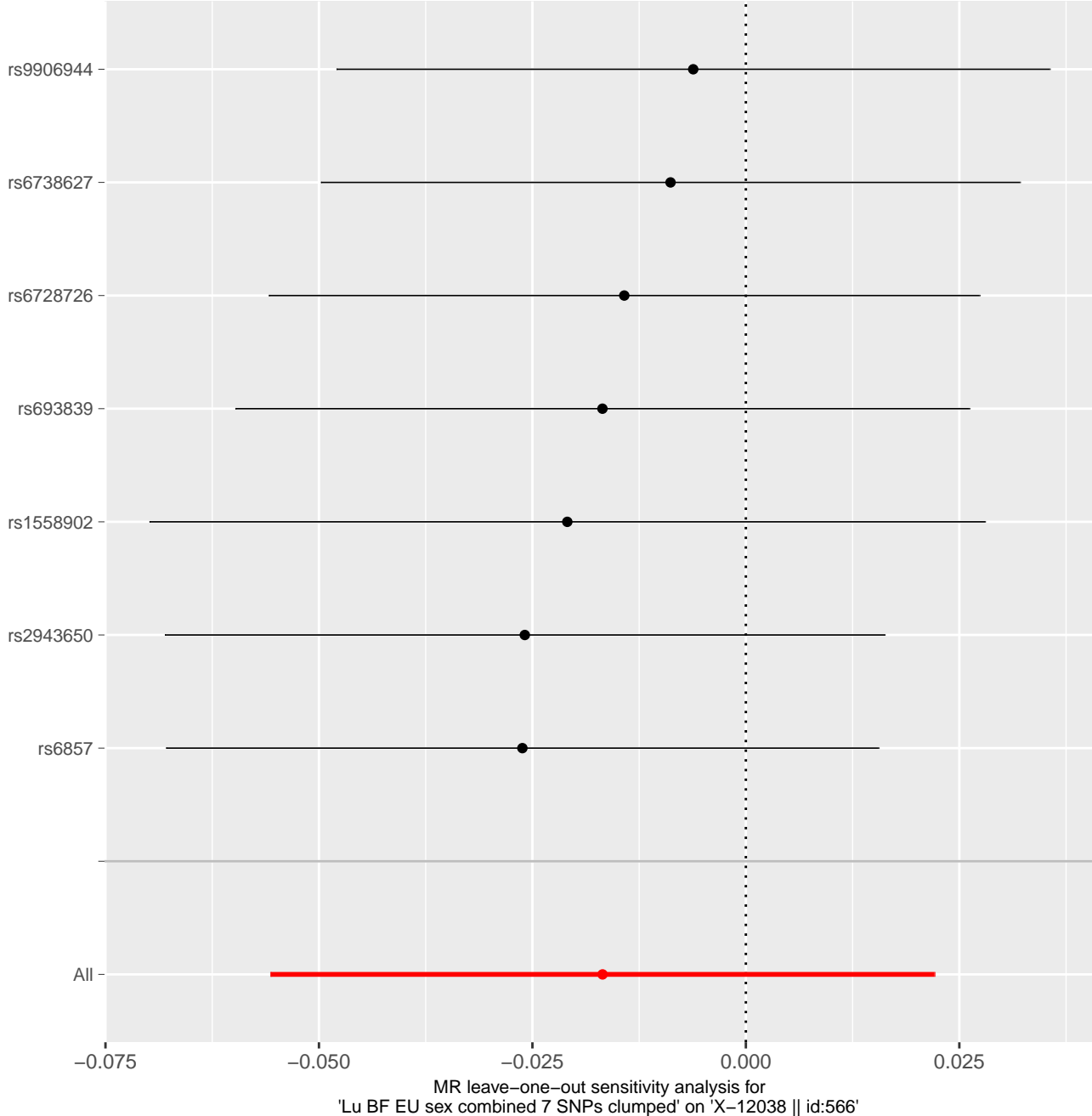
MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12013 || id:562'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Gamma-glutamylthreonine* || id:564'





rs2943650

rs9906944

rs6728726

rs6857

rs6738627

rs693839

rs1558902

All

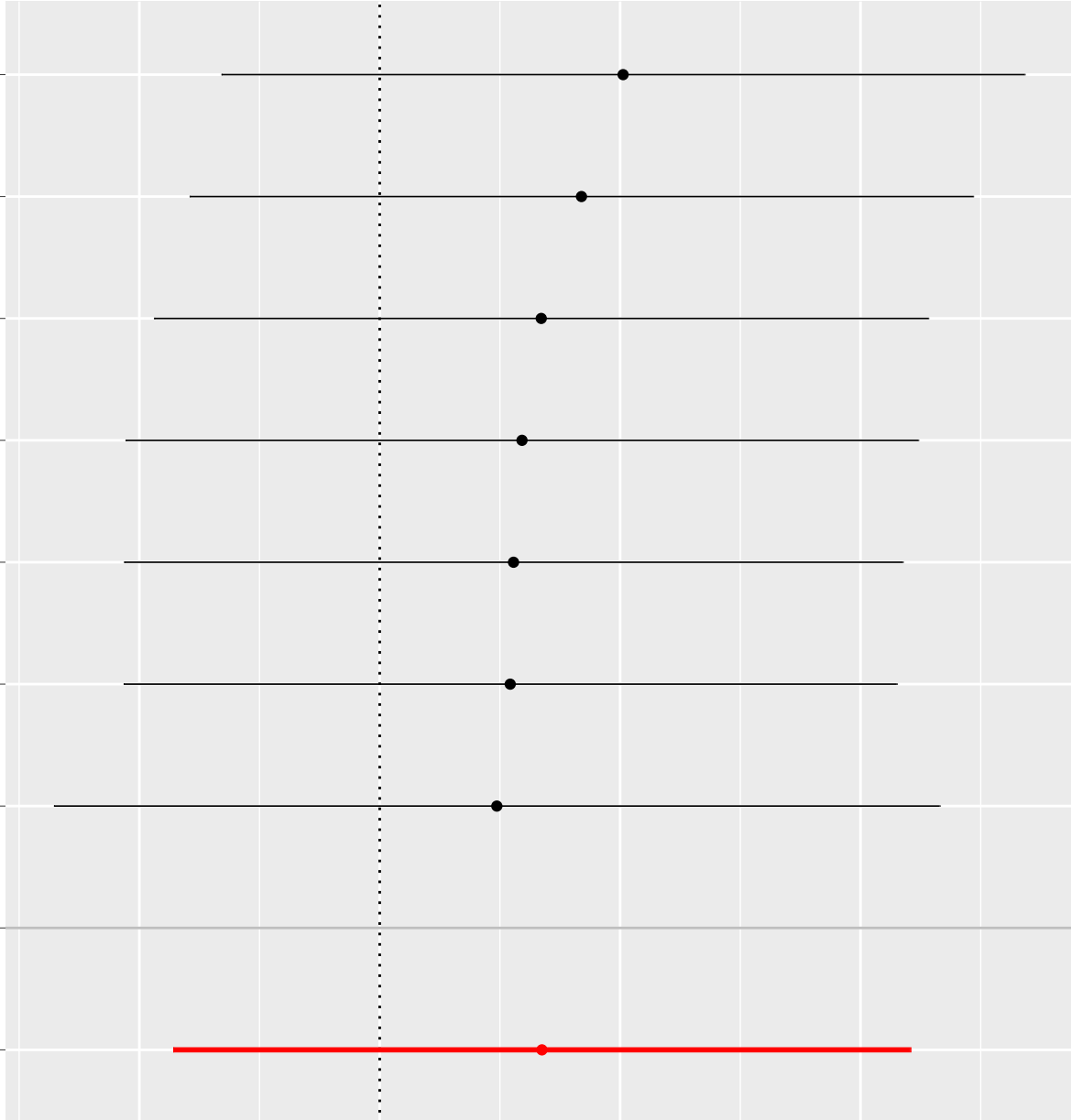
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0.0

0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12039 || id:567'



rs9906944

rs693839

rs6857

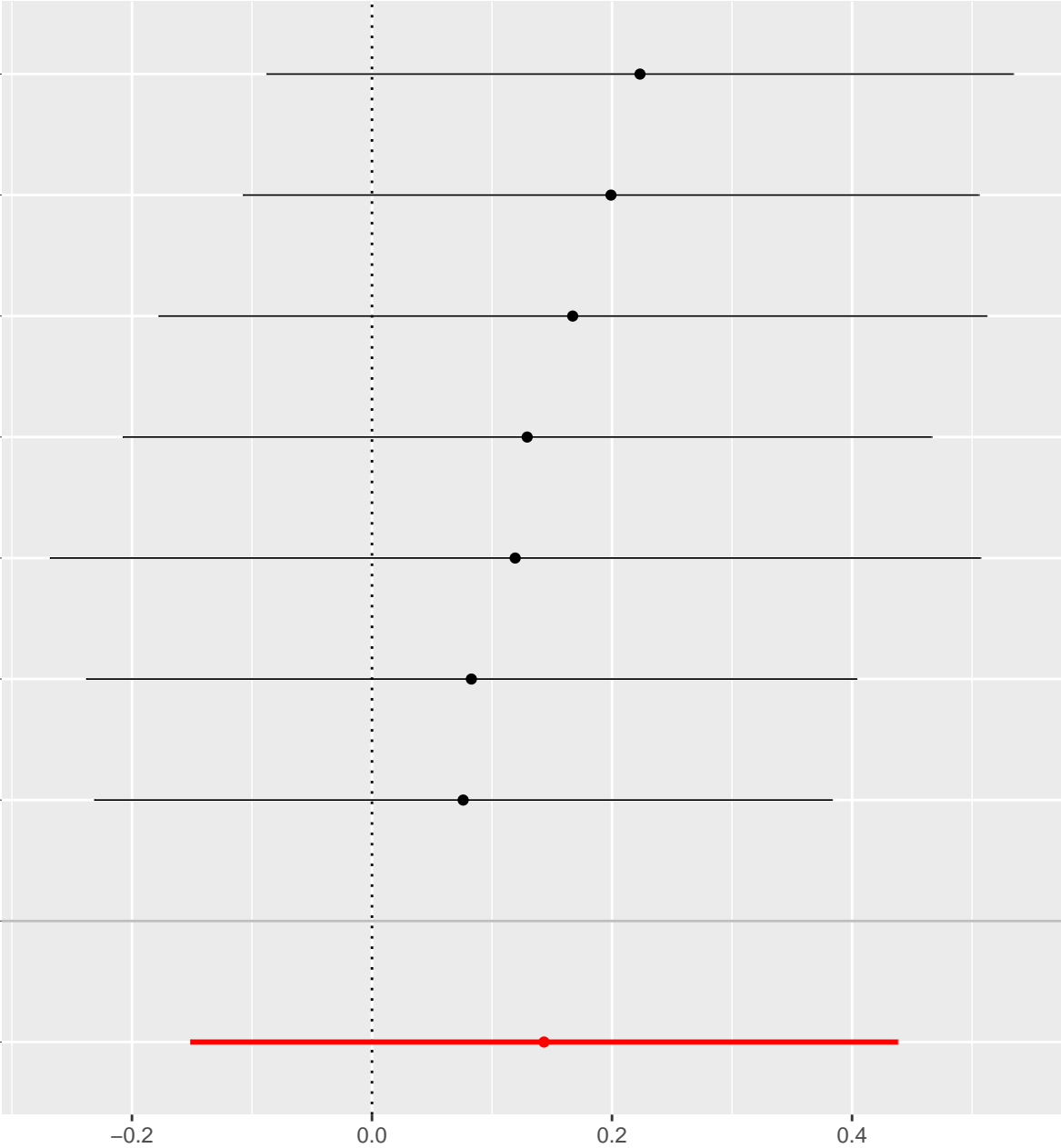
rs6738627

rs1558902

rs2943650

rs6728726

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12040 || id:568'

rs6738627

rs1558902

rs6857

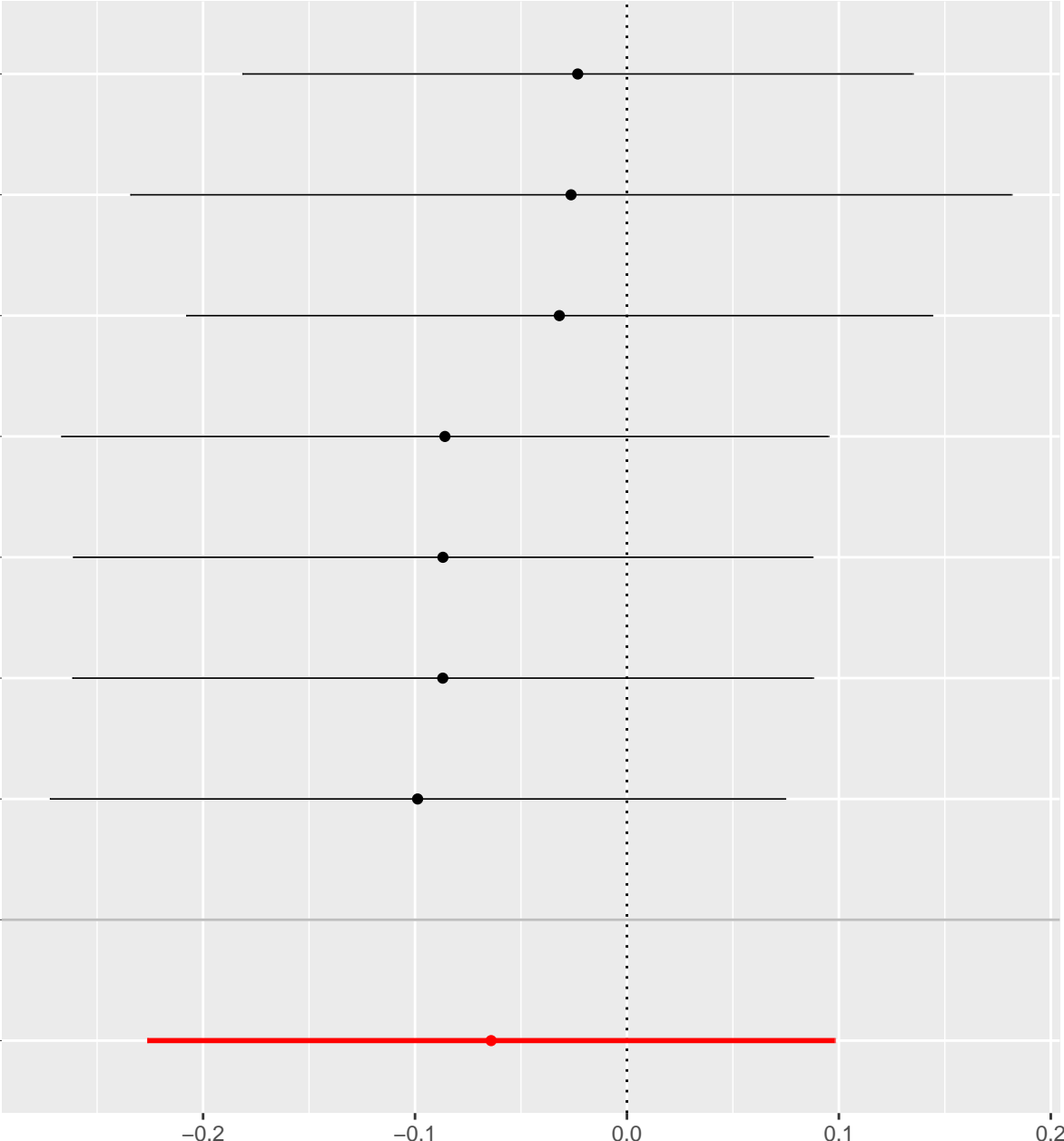
rs9906944

rs693839

rs6728726

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12056 || id:569'

rs2943650

rs6738627

rs693839

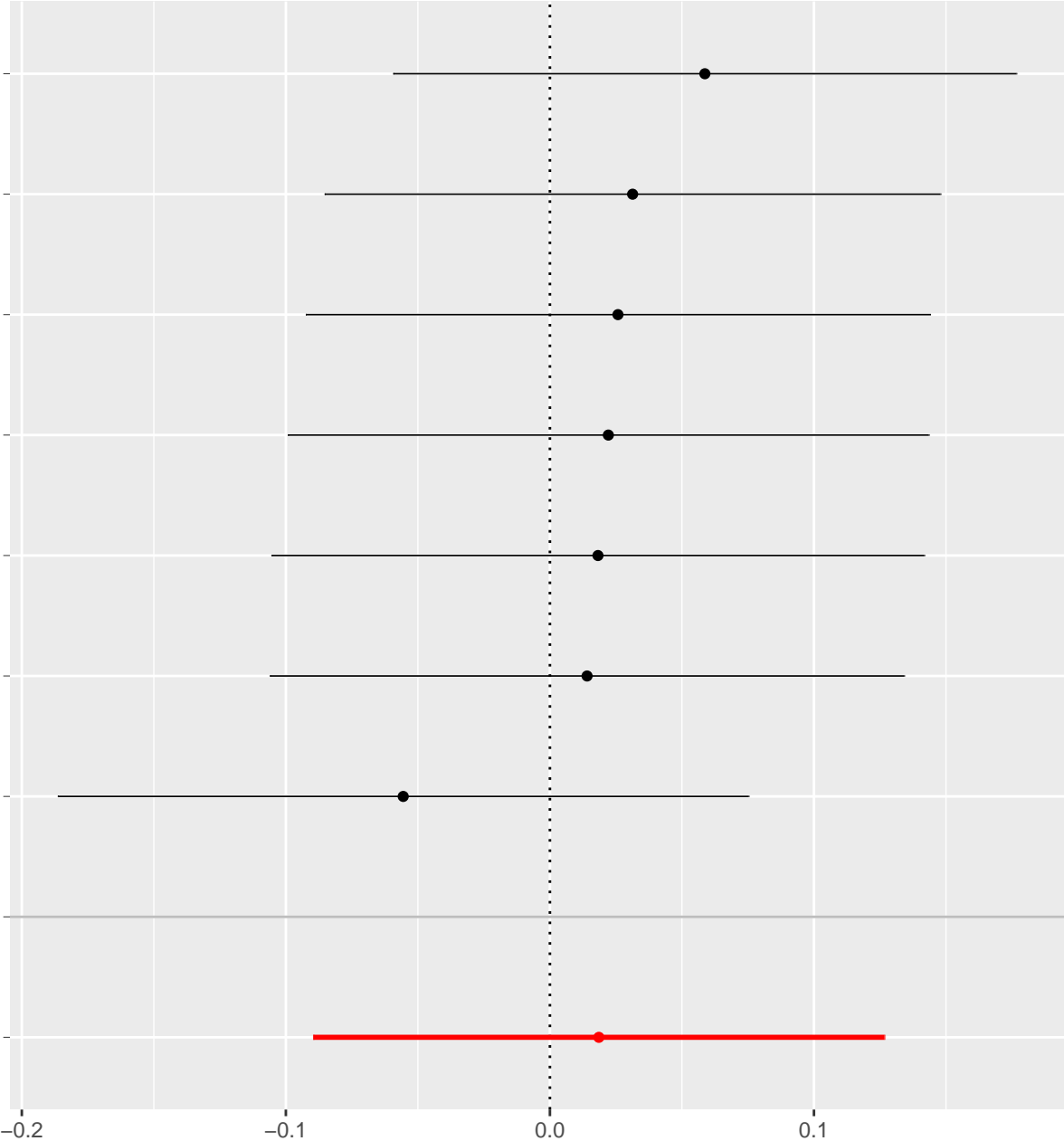
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rs6857

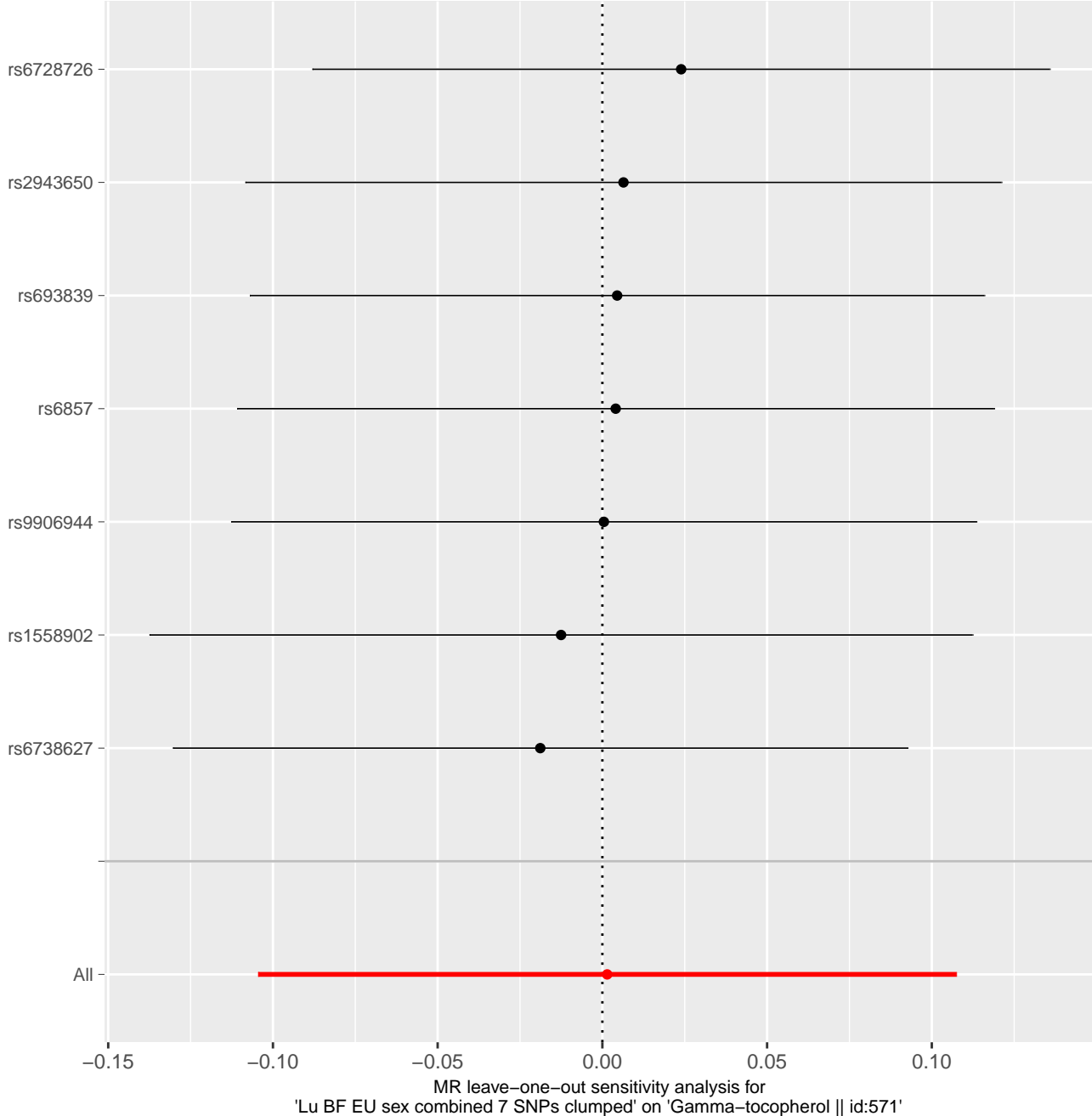
rs6728726

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12063 || id:570'



rs693839

rs9906944

rs6738627

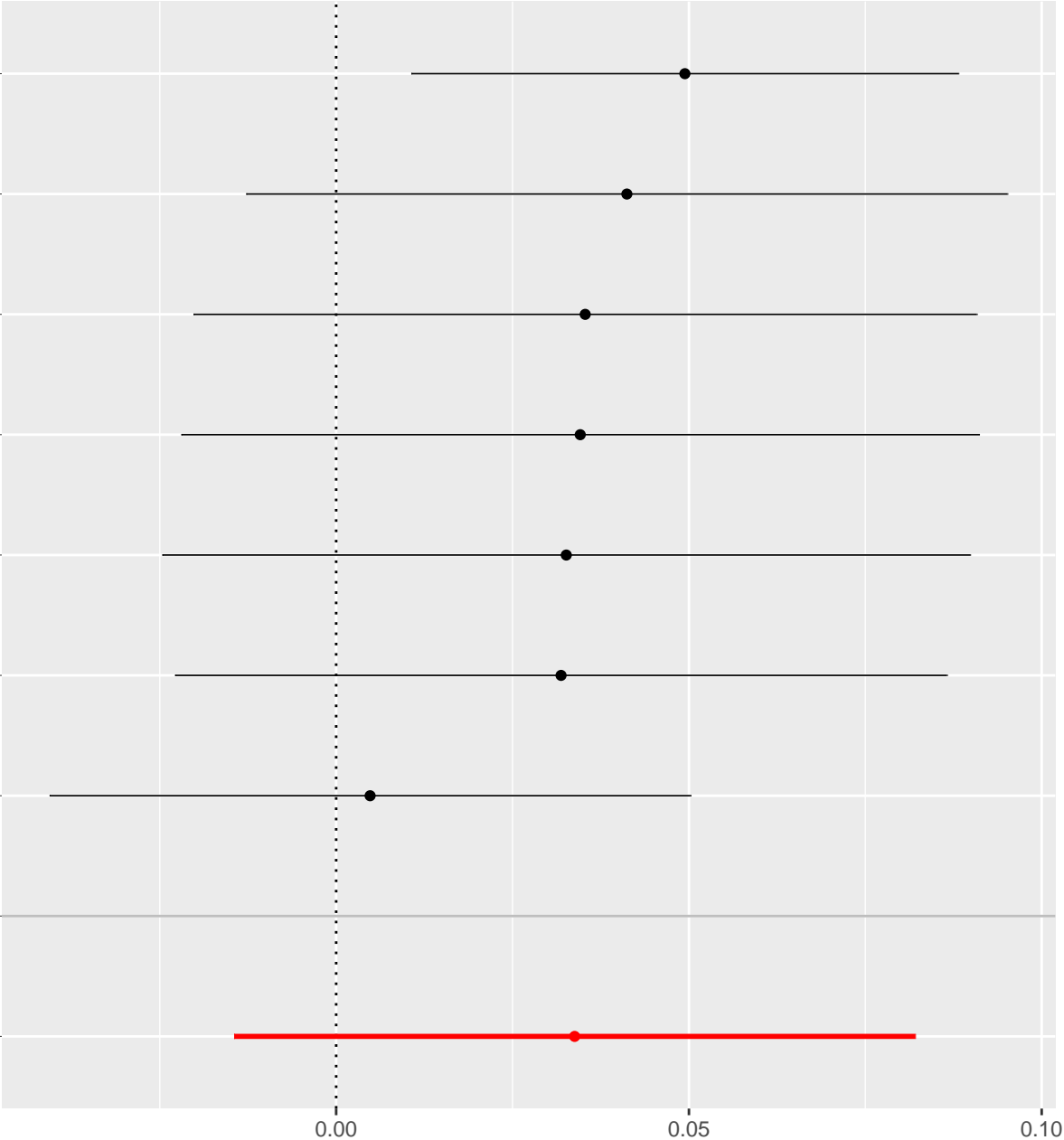
rs6857

rs2943650

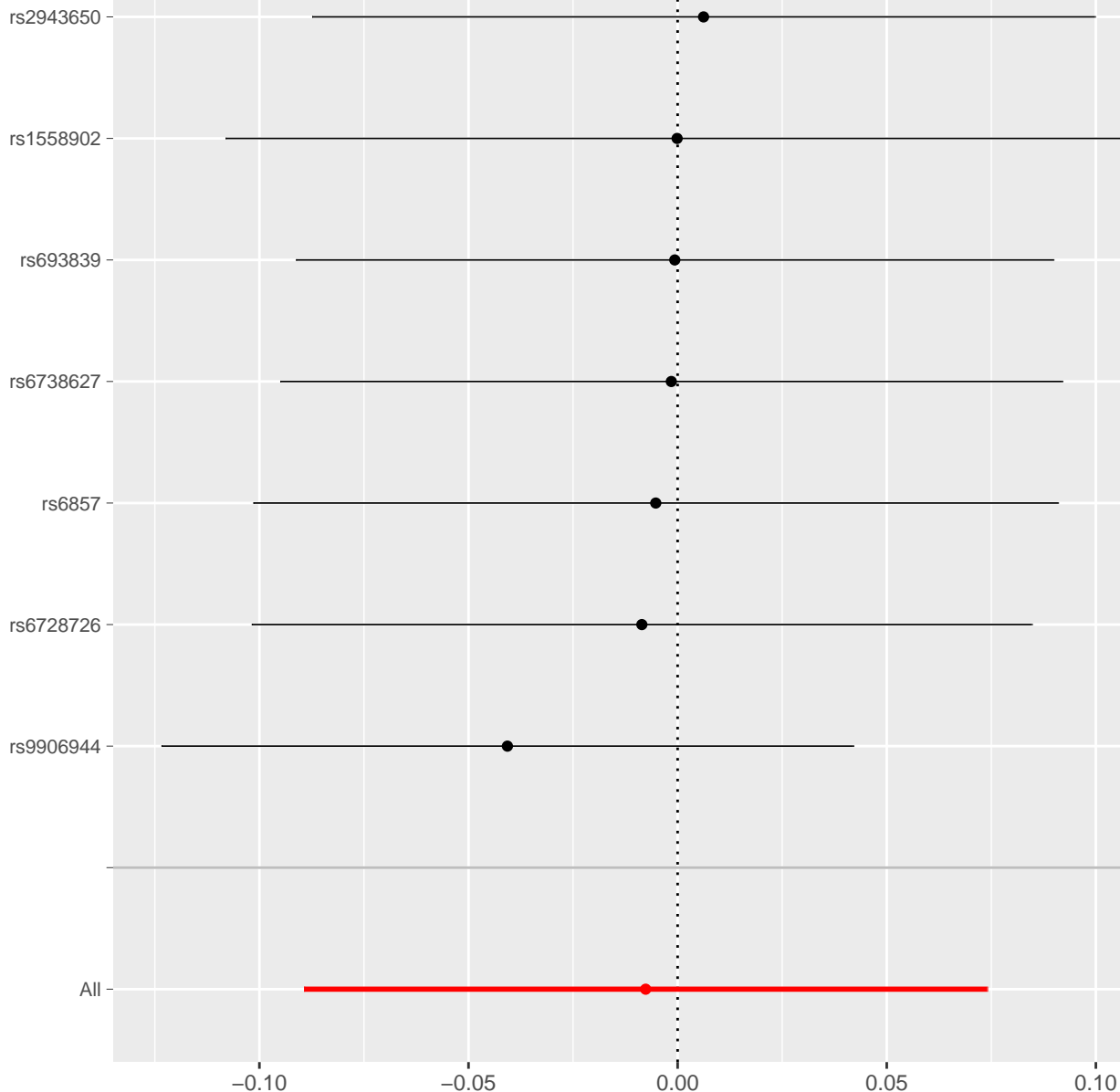
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rs1558902

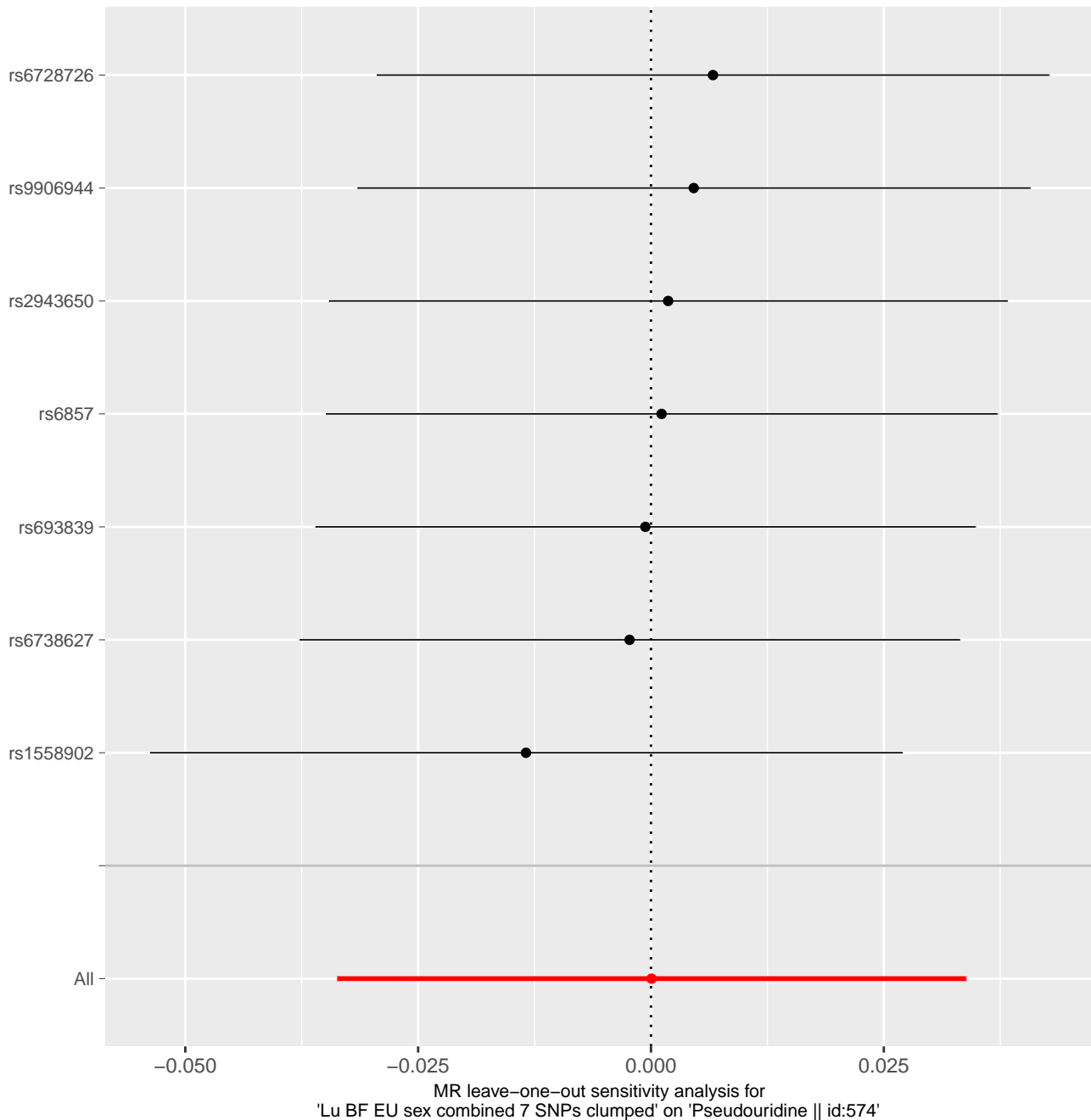
All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Gamma-glutamylphenylalanine || id:572'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Isobutyrylcarnitine || id:573'



rs1558902

rs6857

rs693839

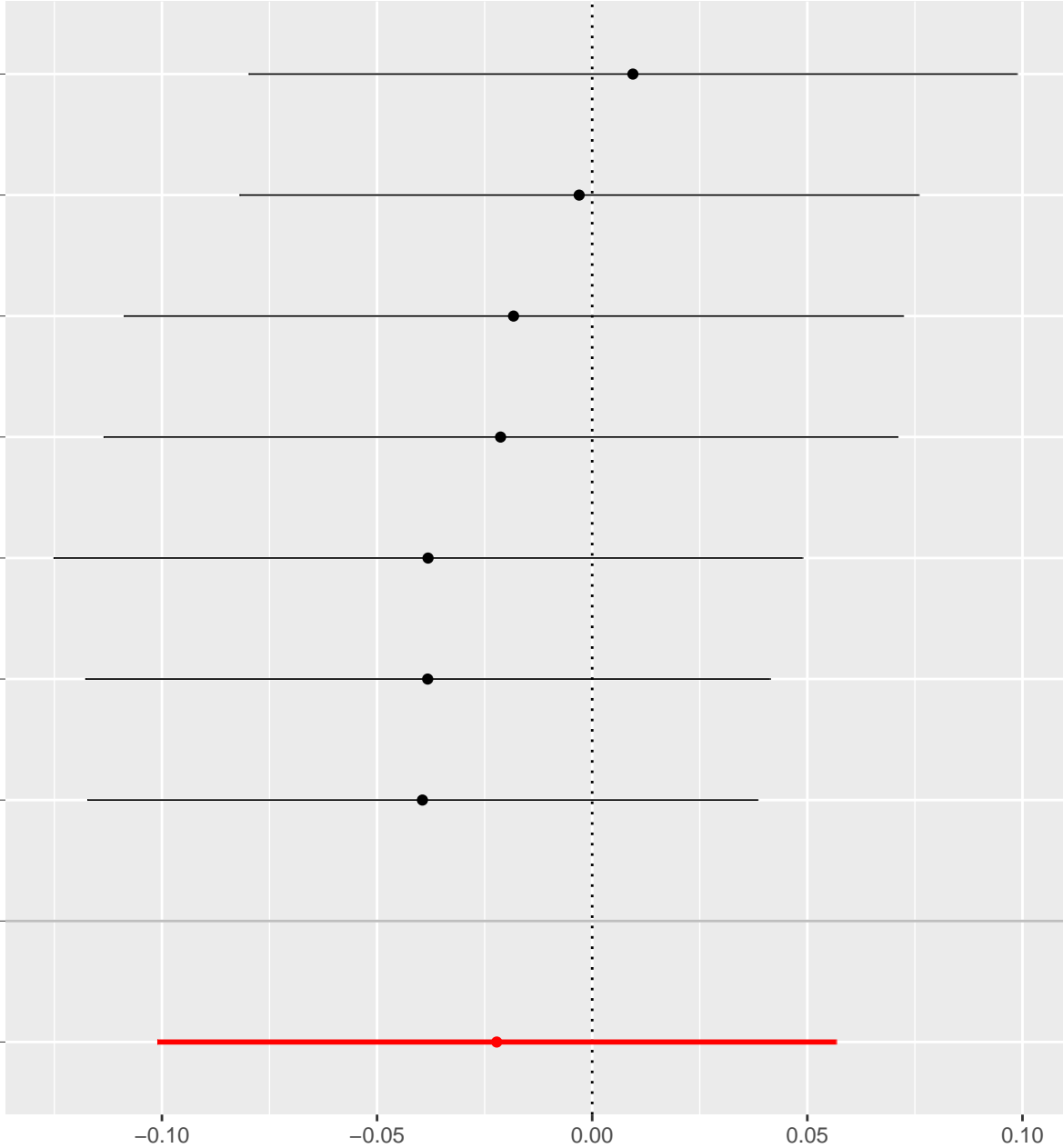
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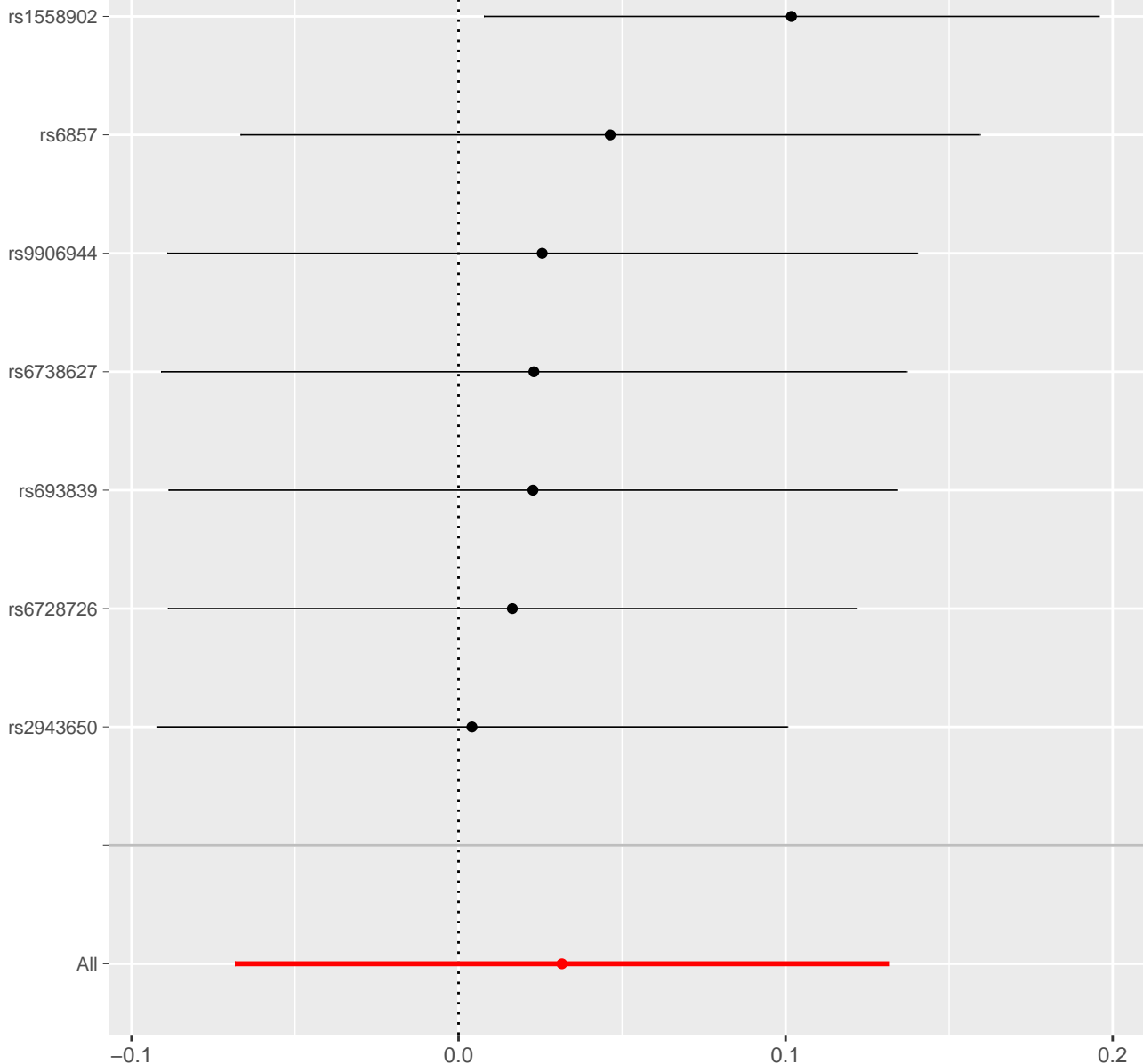
rs2943650

rs6728726

rs6738627

All





rs6728726

rs9906944

rs693839

rs6857

rs6738627

rs1558902

rs2943650

All

-0.10

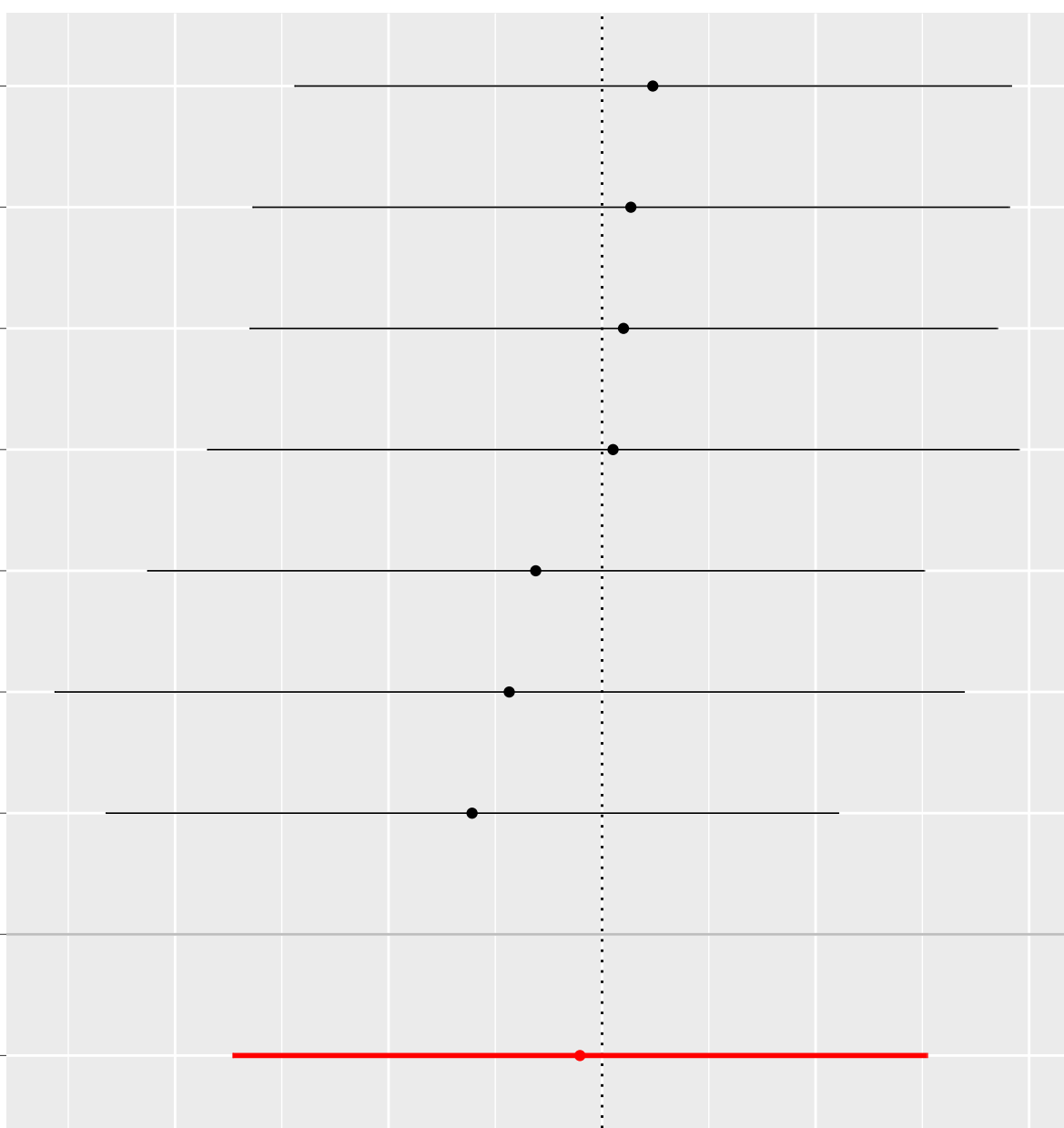
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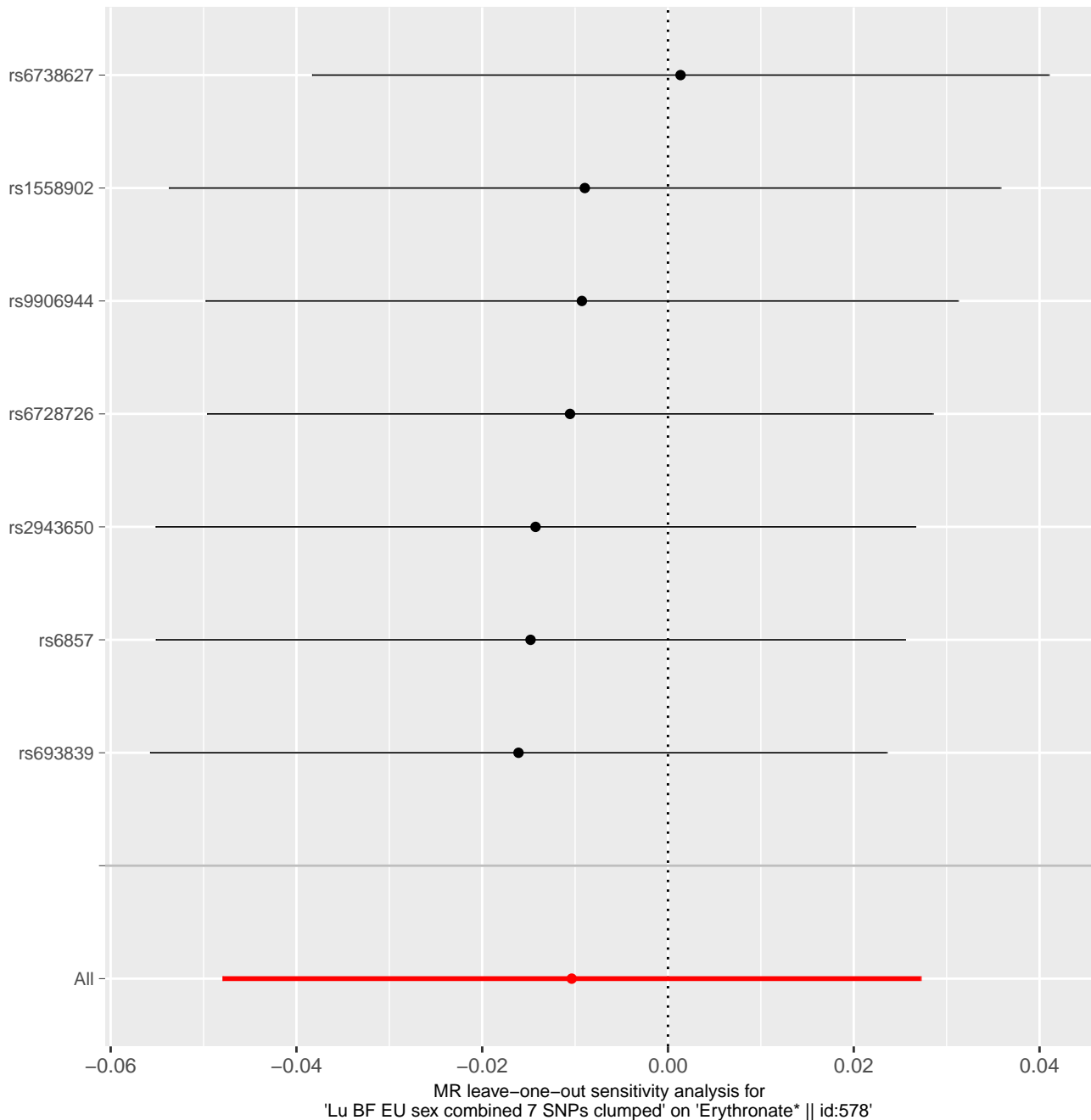
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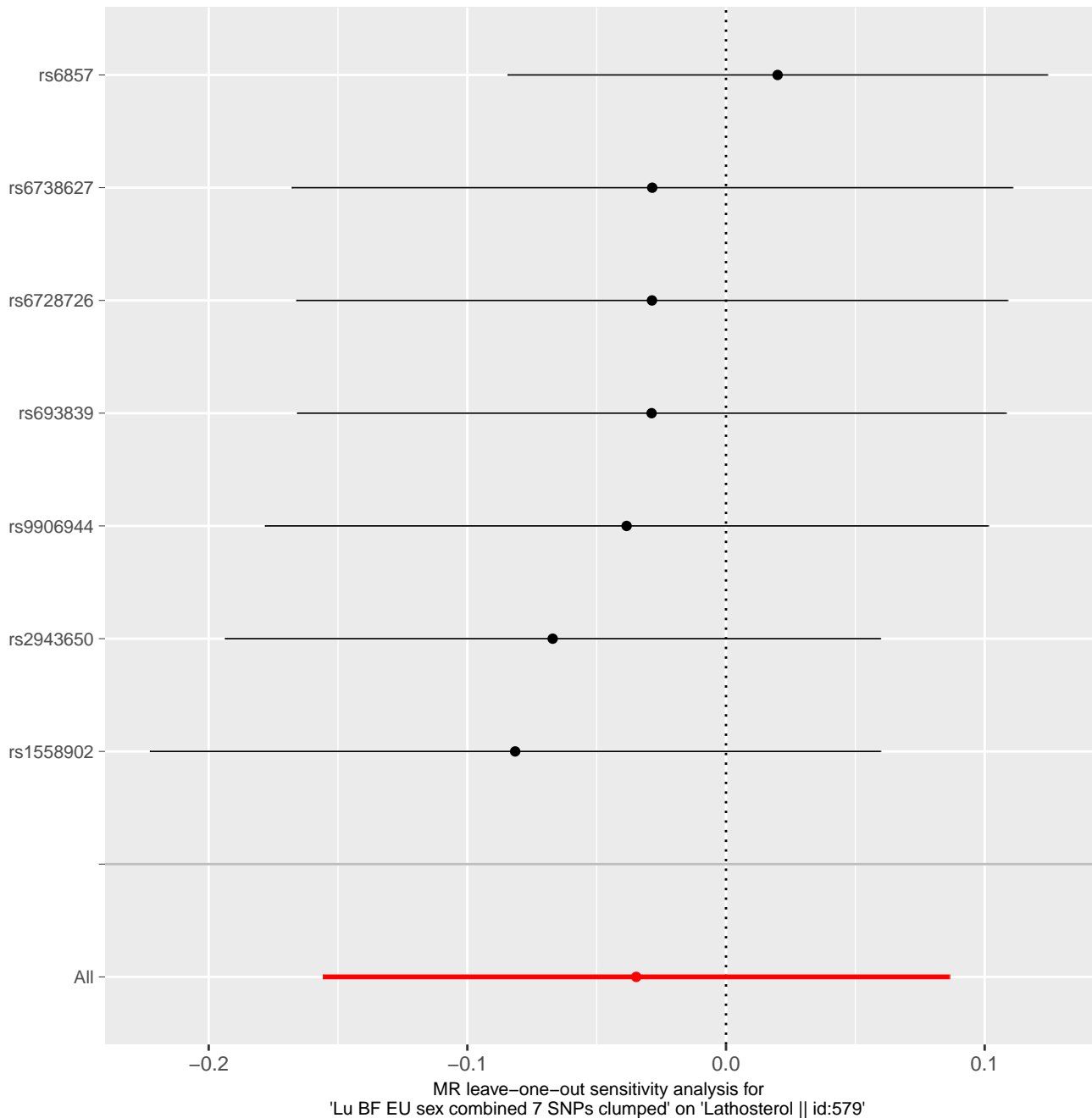
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Alpha-ketoglutarate || id:577'







rs6857

rs1558902

rs9906944

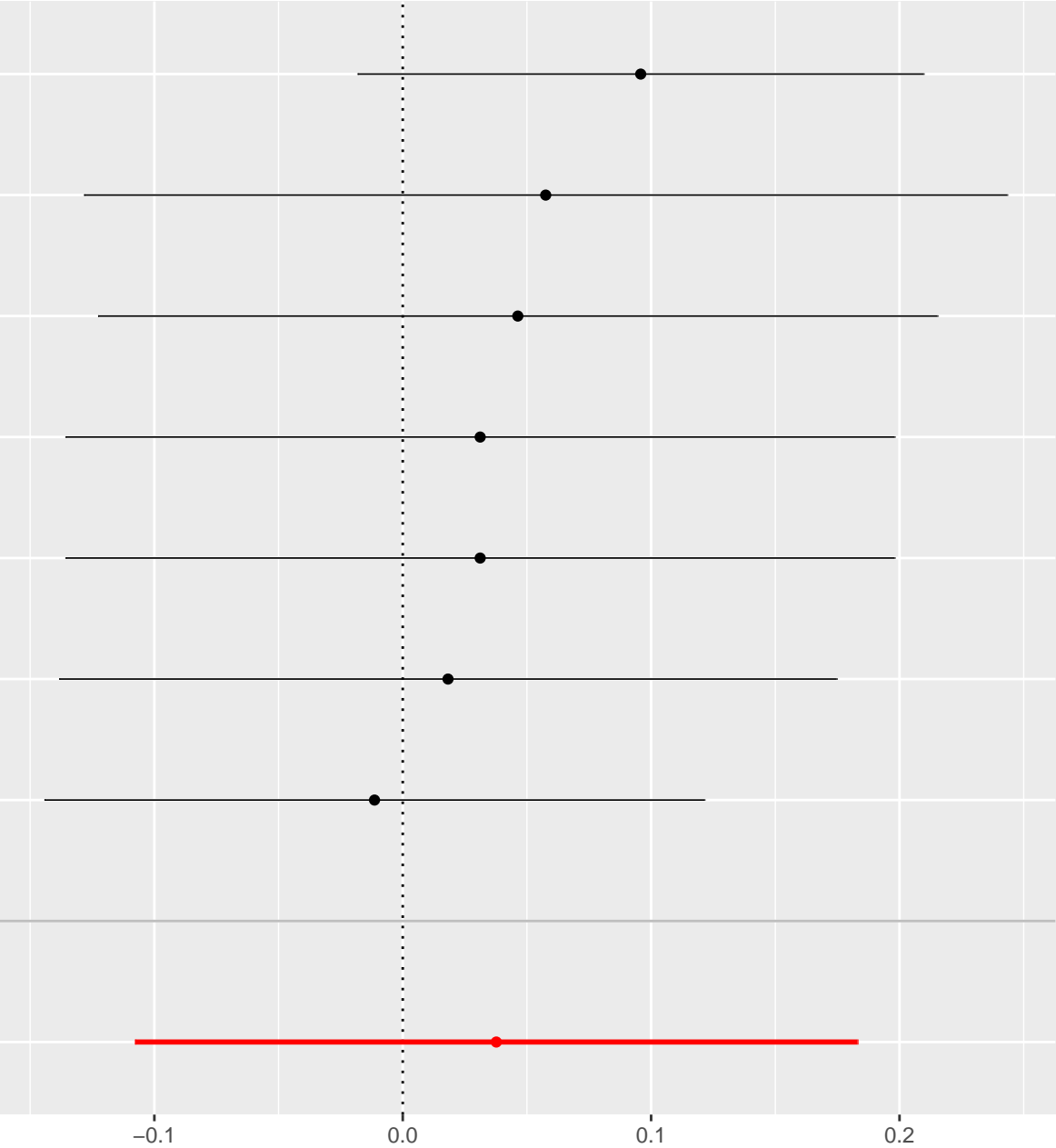
rs6738627

rs693839

rs6728726

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12092 || id:580'

rs1558902

rs6738627

rs9906944

rs2943650

rs6728726

rs693839

rs6857

All

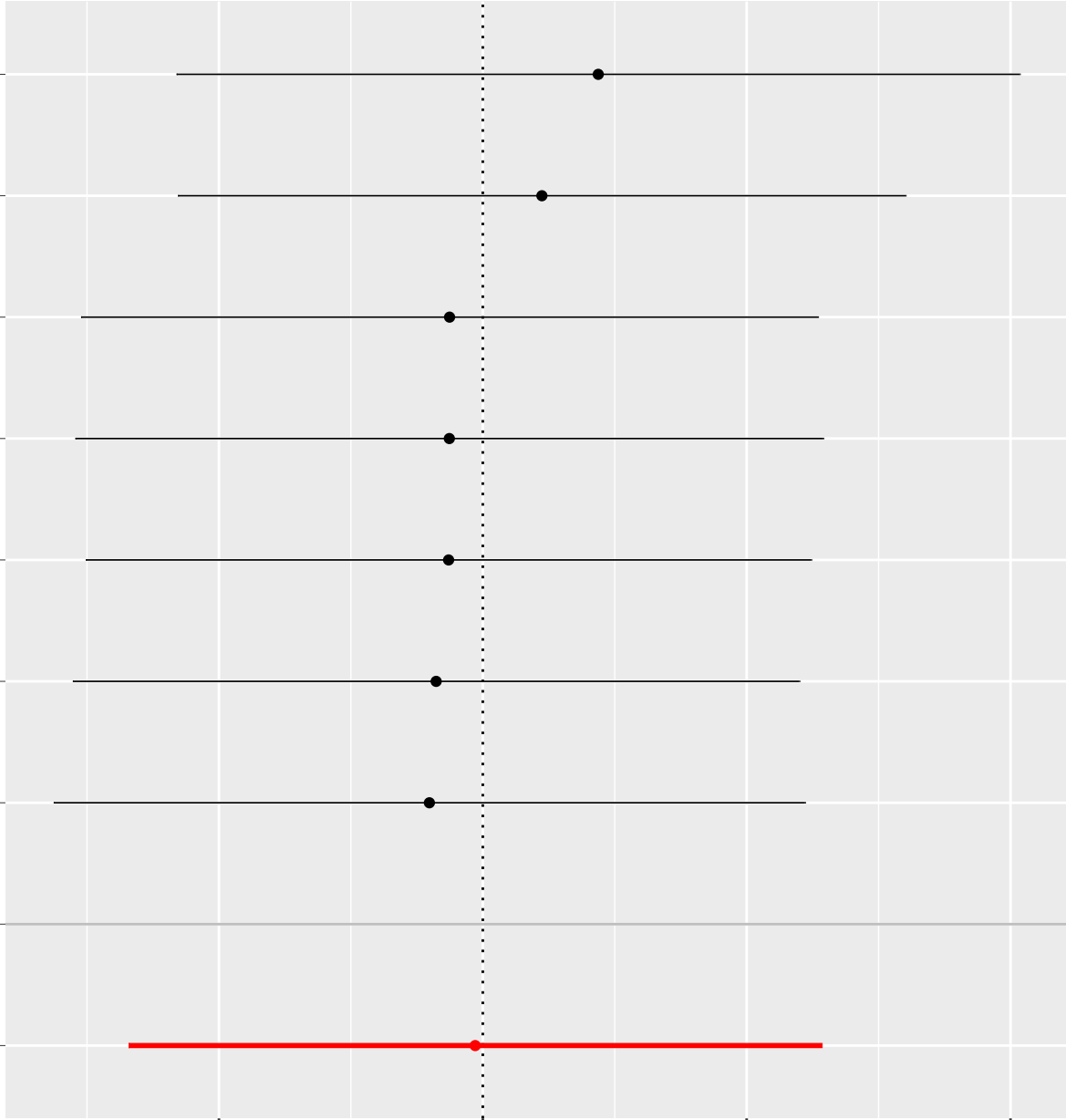
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0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12093 || id:581'



rs1558902

rs6728726

rs693839

rs6738627

rs2943650

rs6857

rs9906944

All

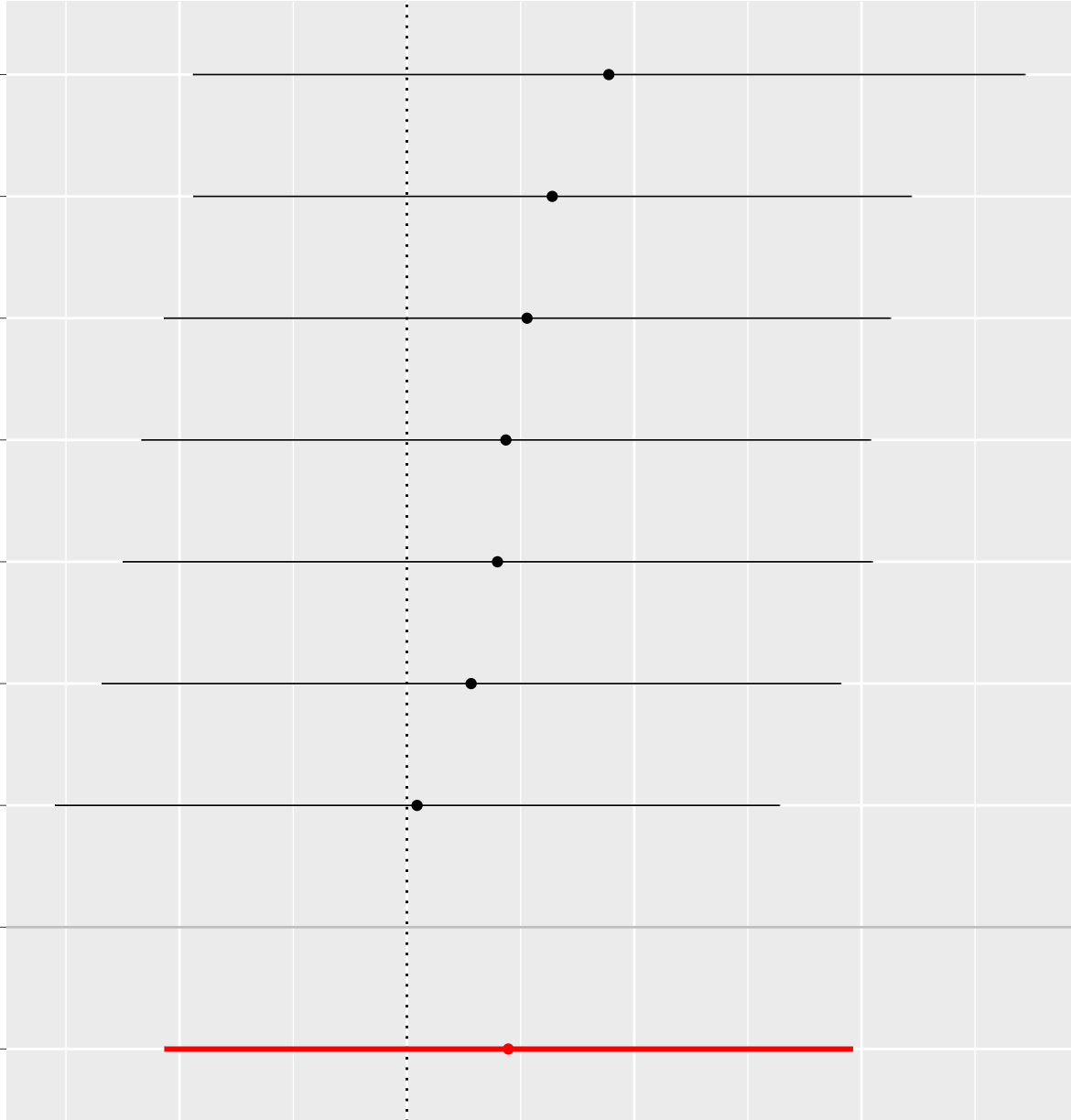
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MR leave-one-out sensitivity analysis for
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rs6728726

rs693839

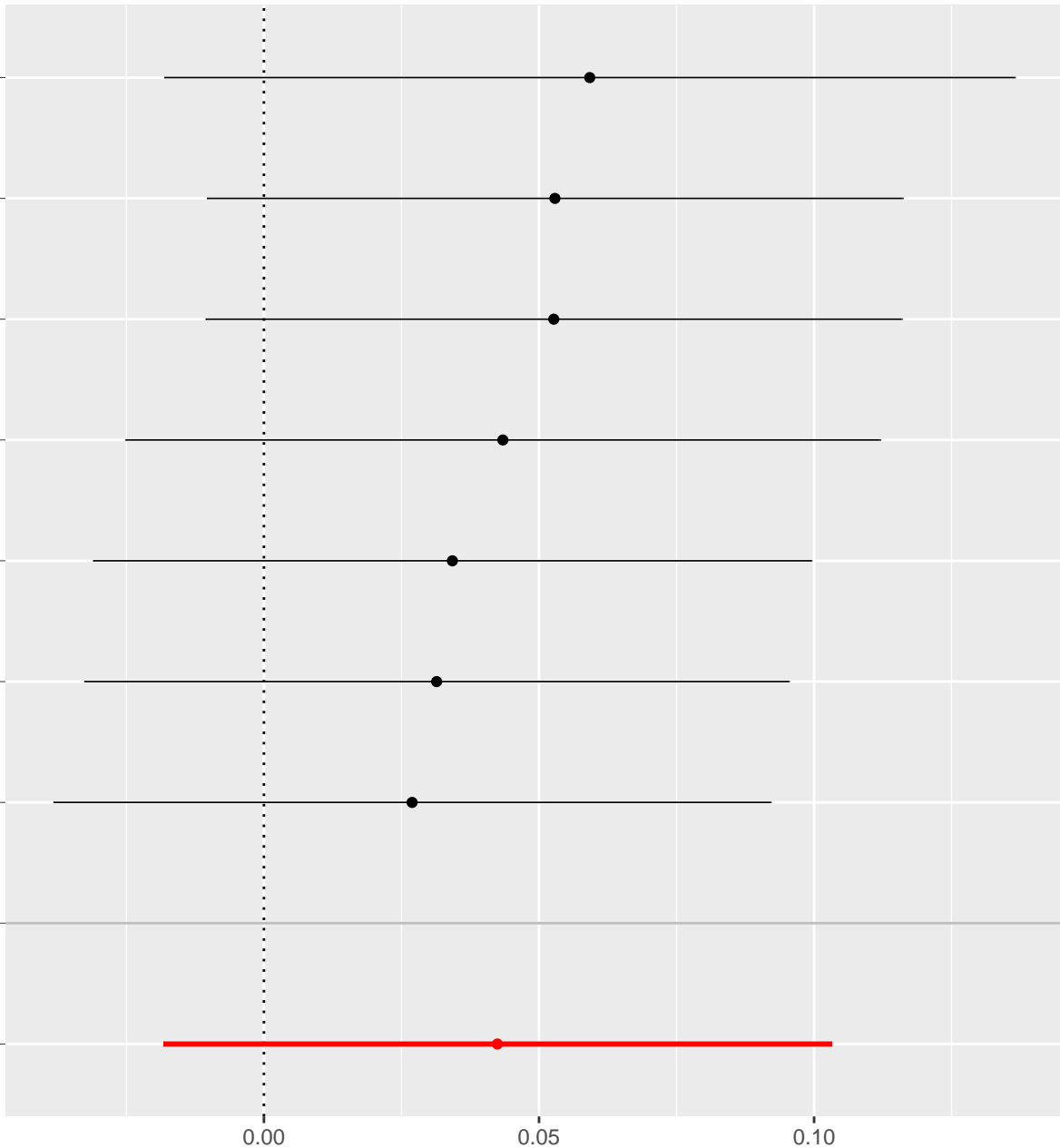
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rs6738627

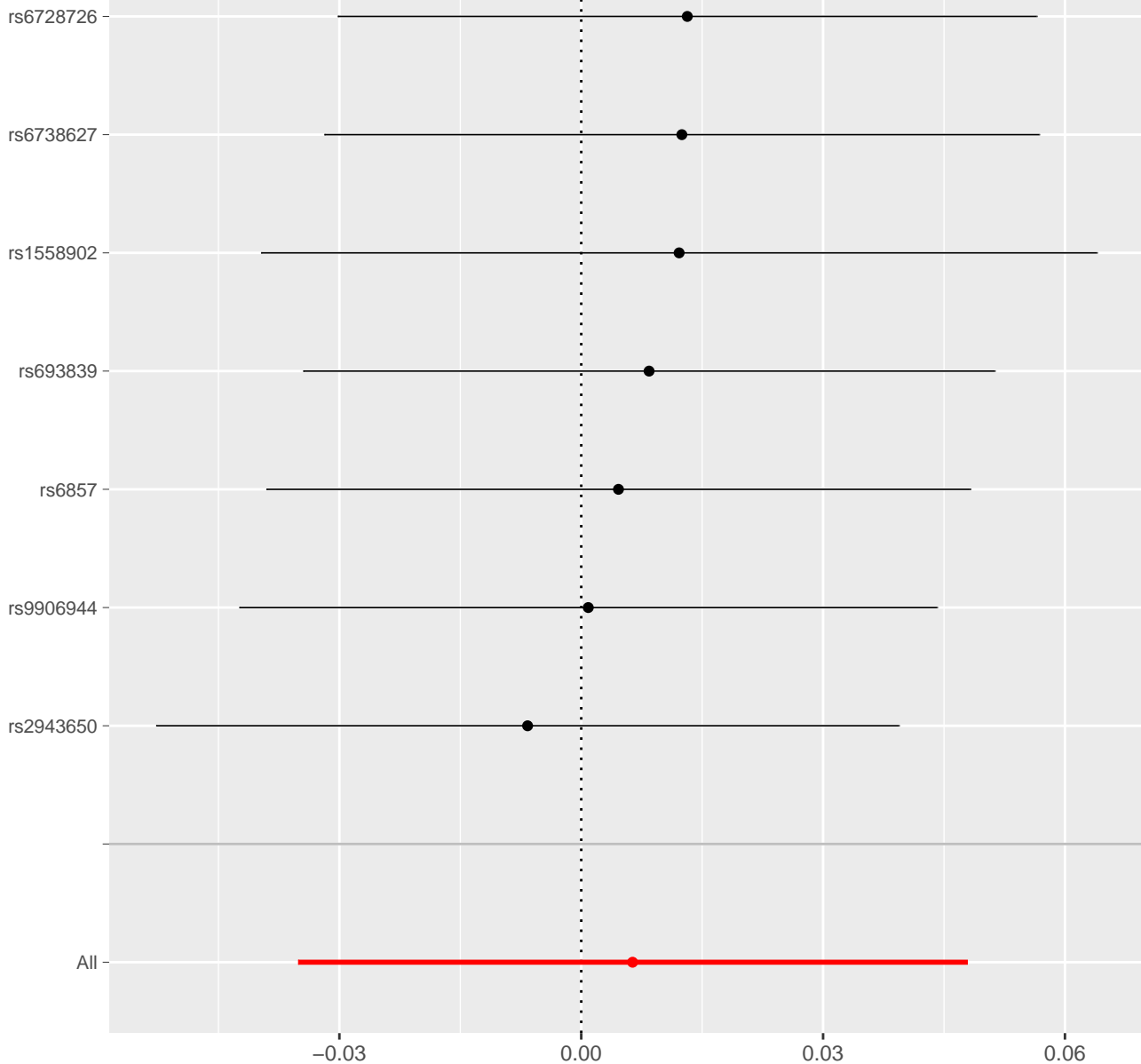
rs9906944

rs6857

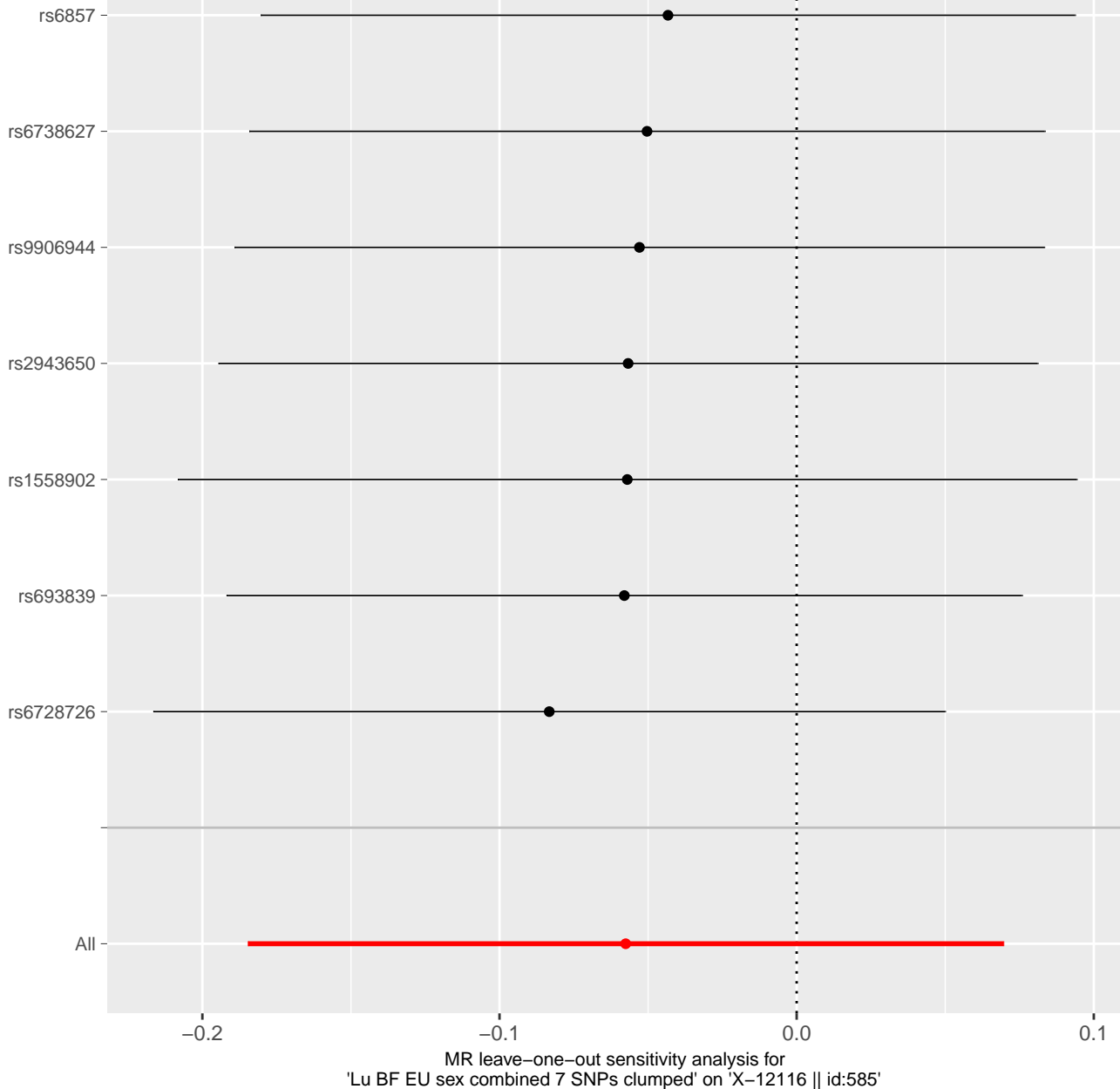
All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12095--N1-methyl-3-pyridone-4-carboxamide || id:583'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12100--hydroxytryptophan* || id:584'



rs1558902

rs6857

rs693839

rs9906944

rs6738627

rs2943650

rs6728726

All

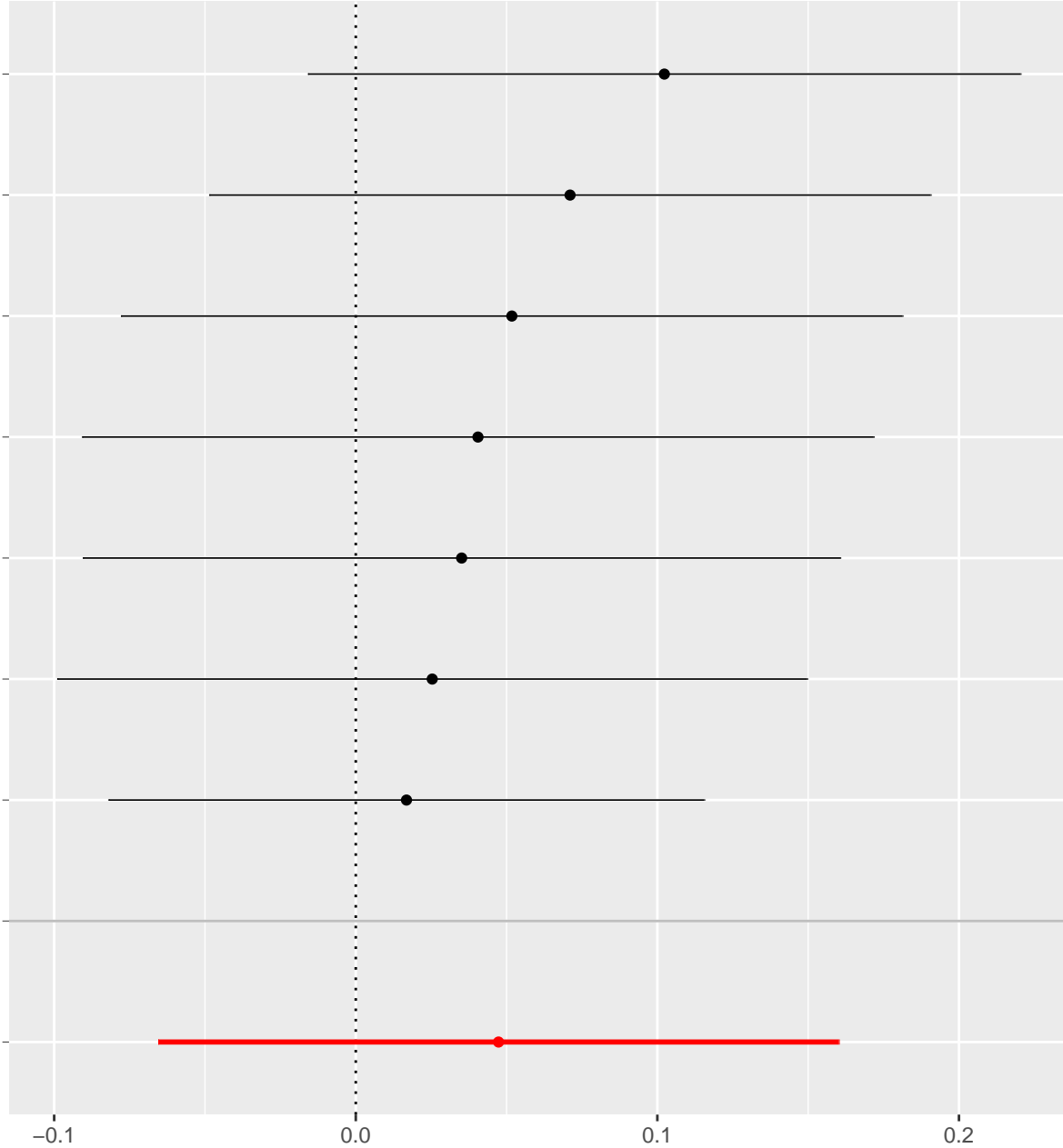
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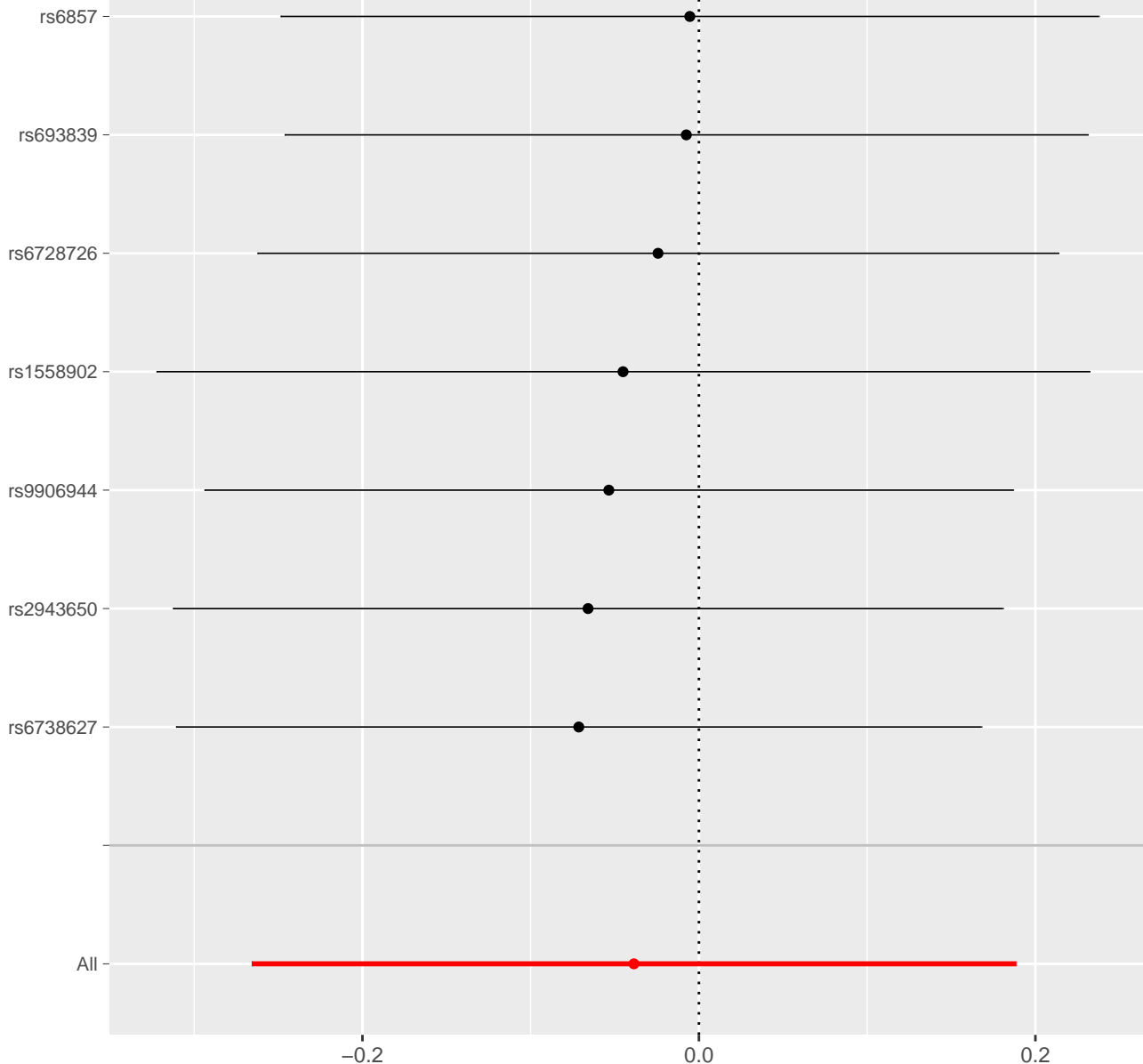
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Eicosenoate (20:1n9 or 11) || id:586'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12188 || id:587'

rs1558902

rs6728726

rs693839

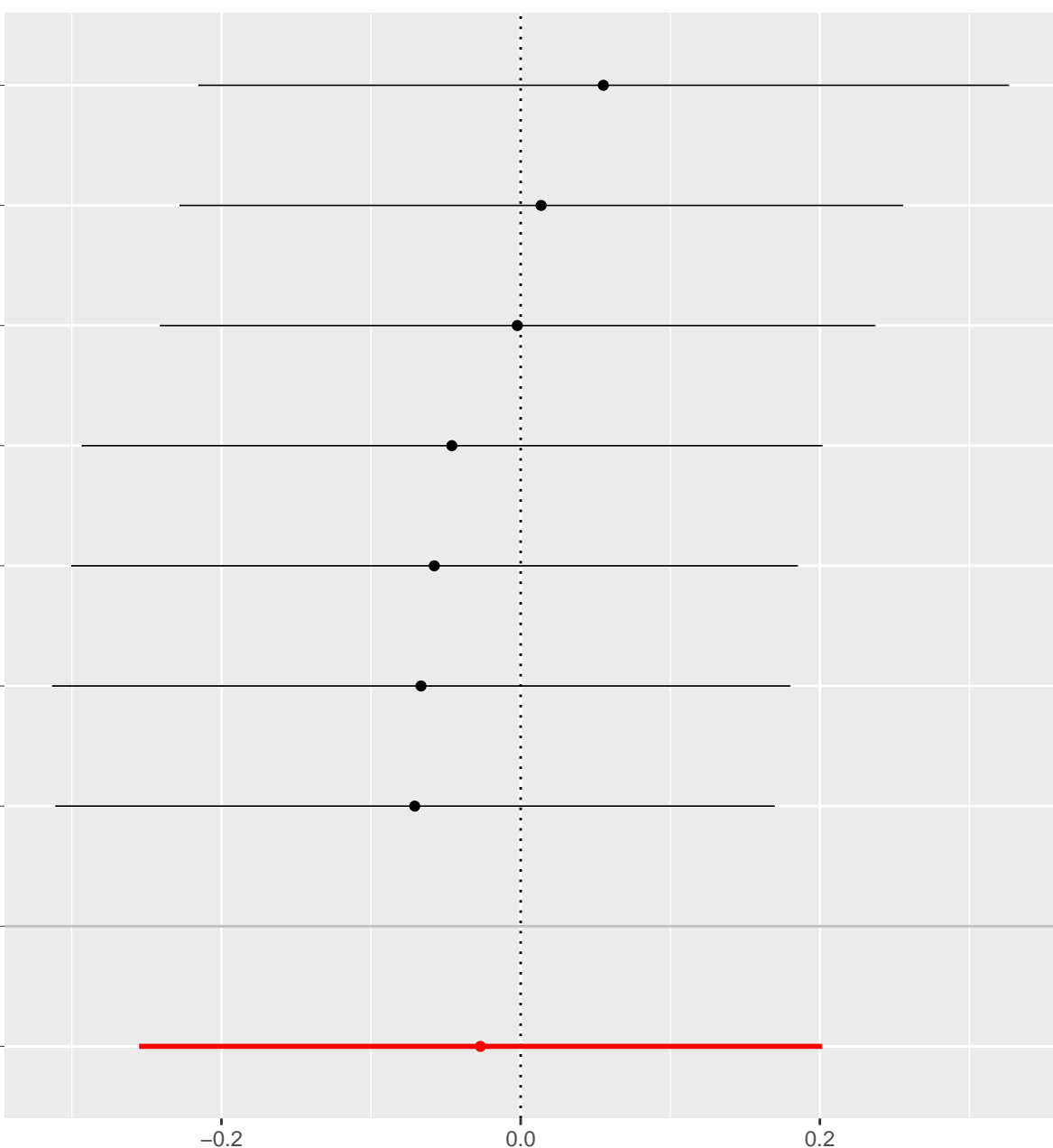
rs2943650

rs9906944

rs6857

rs6738627

All



MR leave-one-out sensitivity analysis for
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rs6728726

rs6738627

rs693839

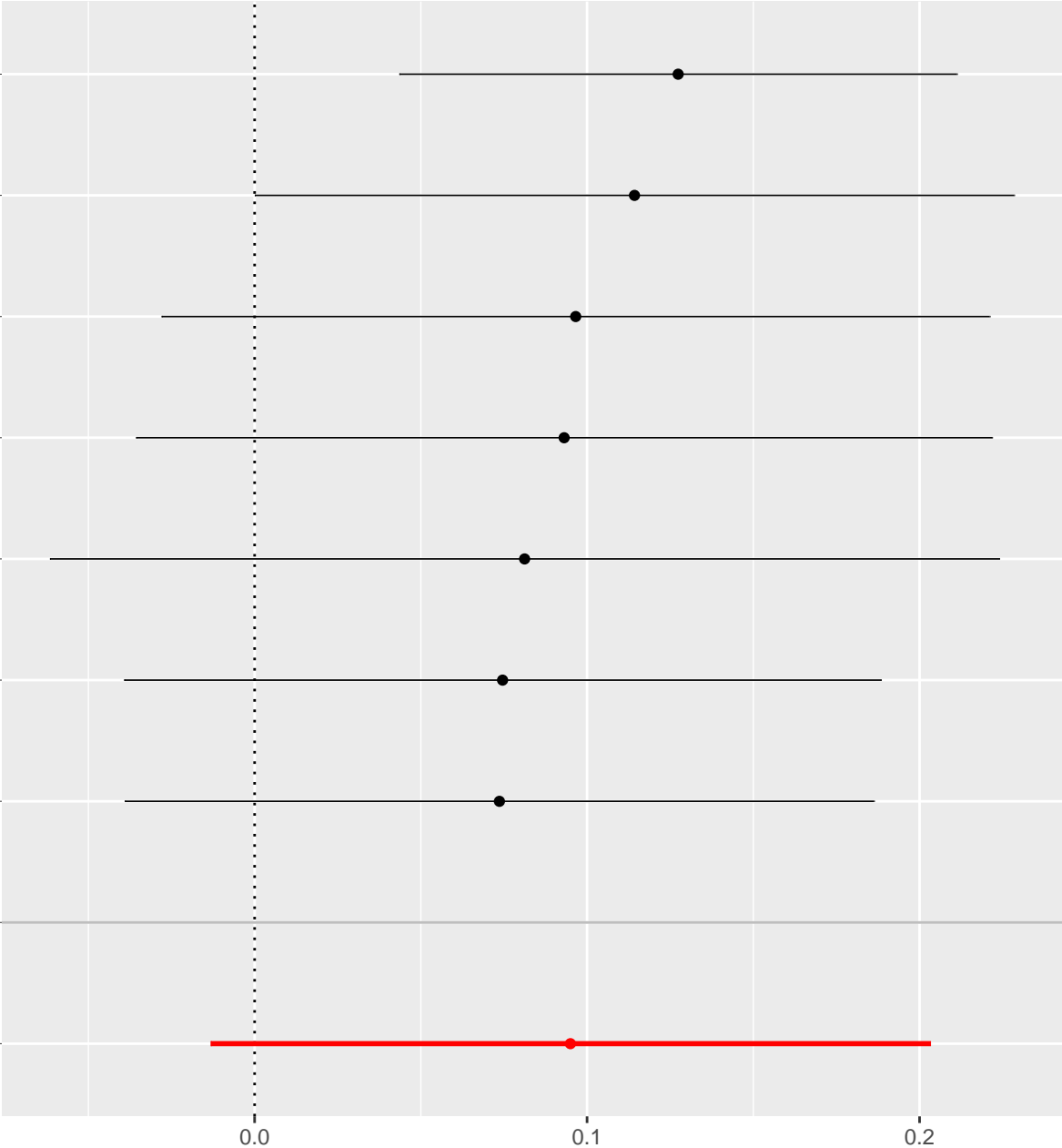
rs2943650

rs1558902

rs9906944

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12206 || id:589'

rs1558902

rs9906944

rs6857

rs693839

rs2943650

rs6738627

rs6728726

All

-0.3

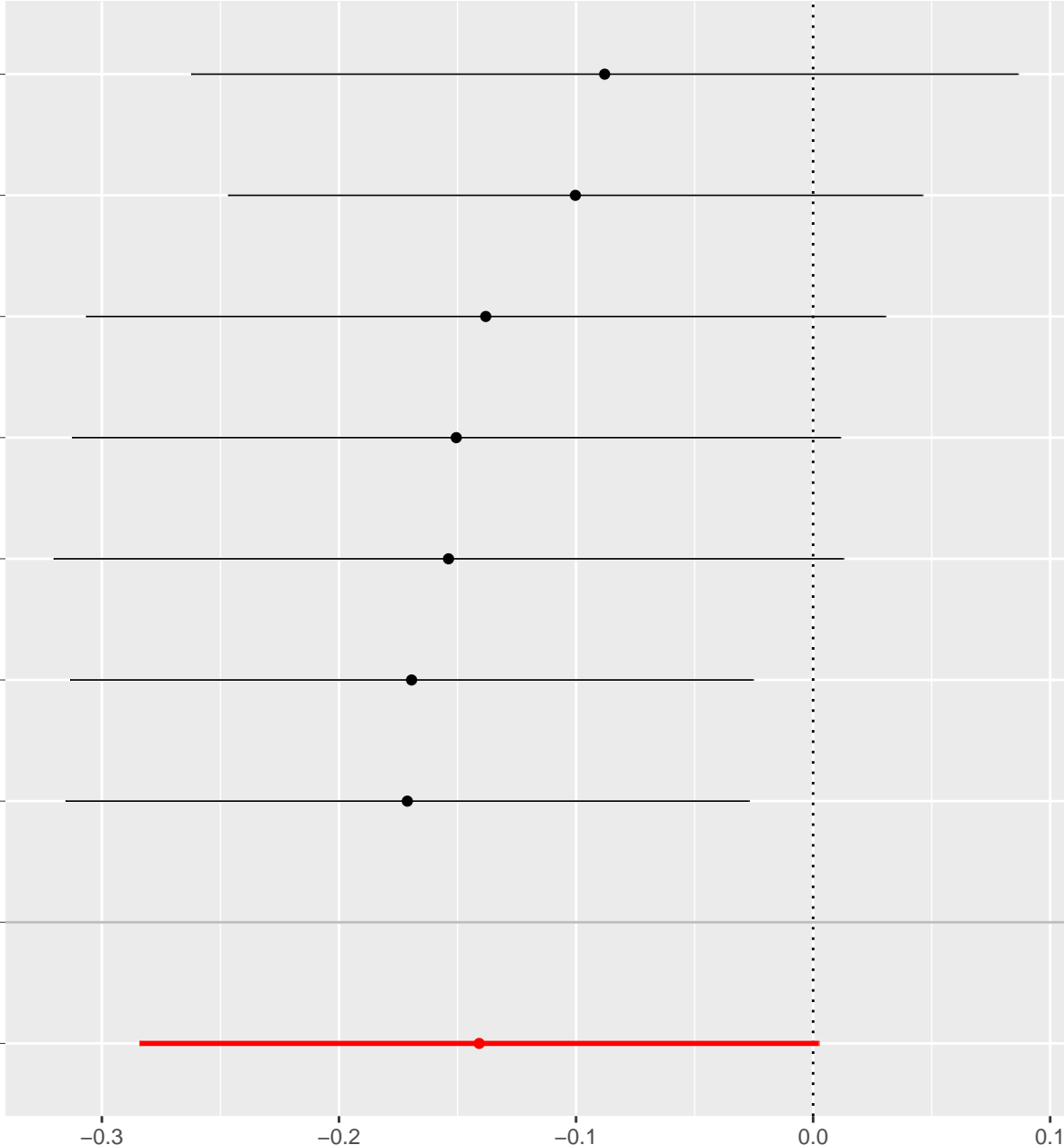
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-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12212 || id:590'



rs6728726

rs6738627

rs6857

rs9906944

rs2943650

rs693839

rs1558902

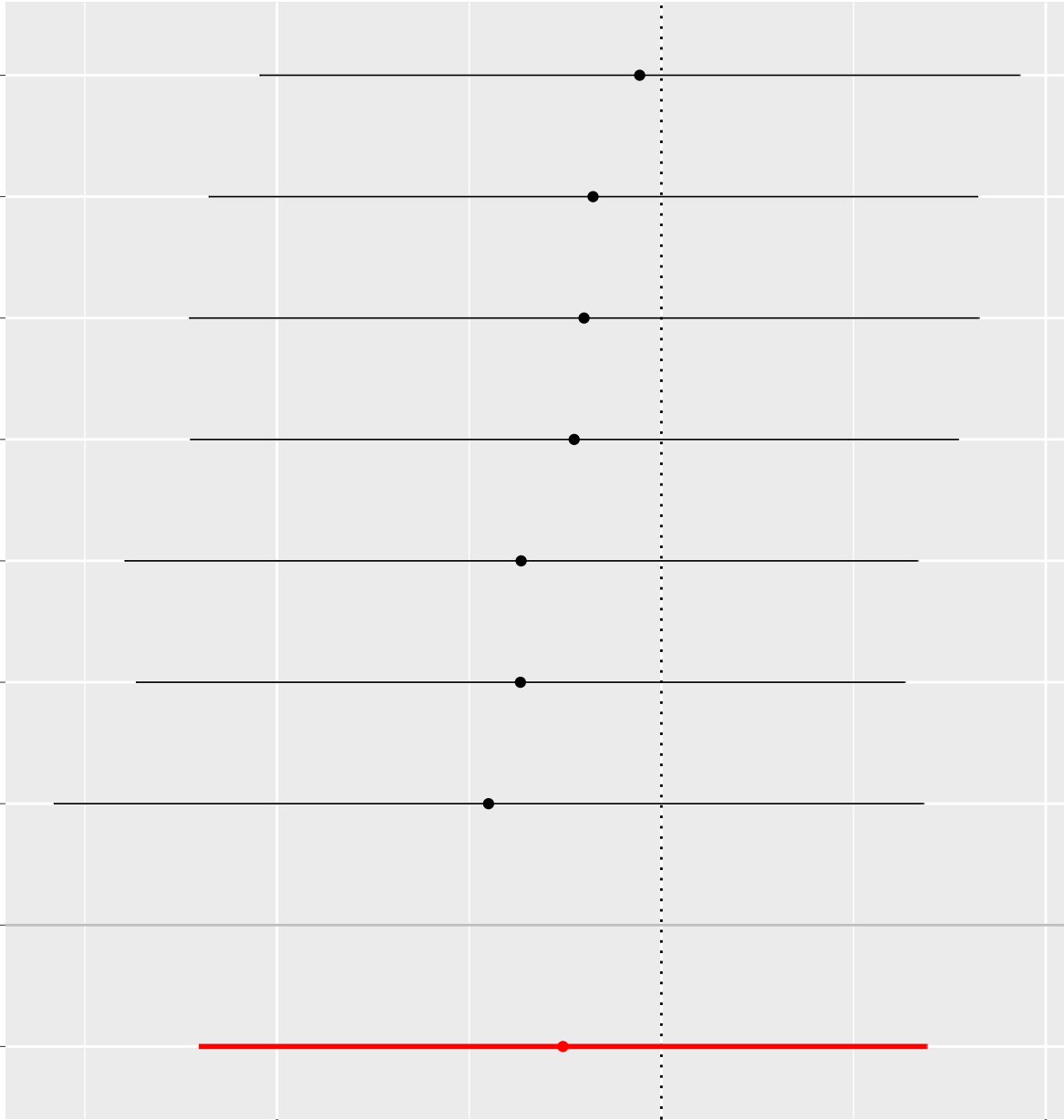
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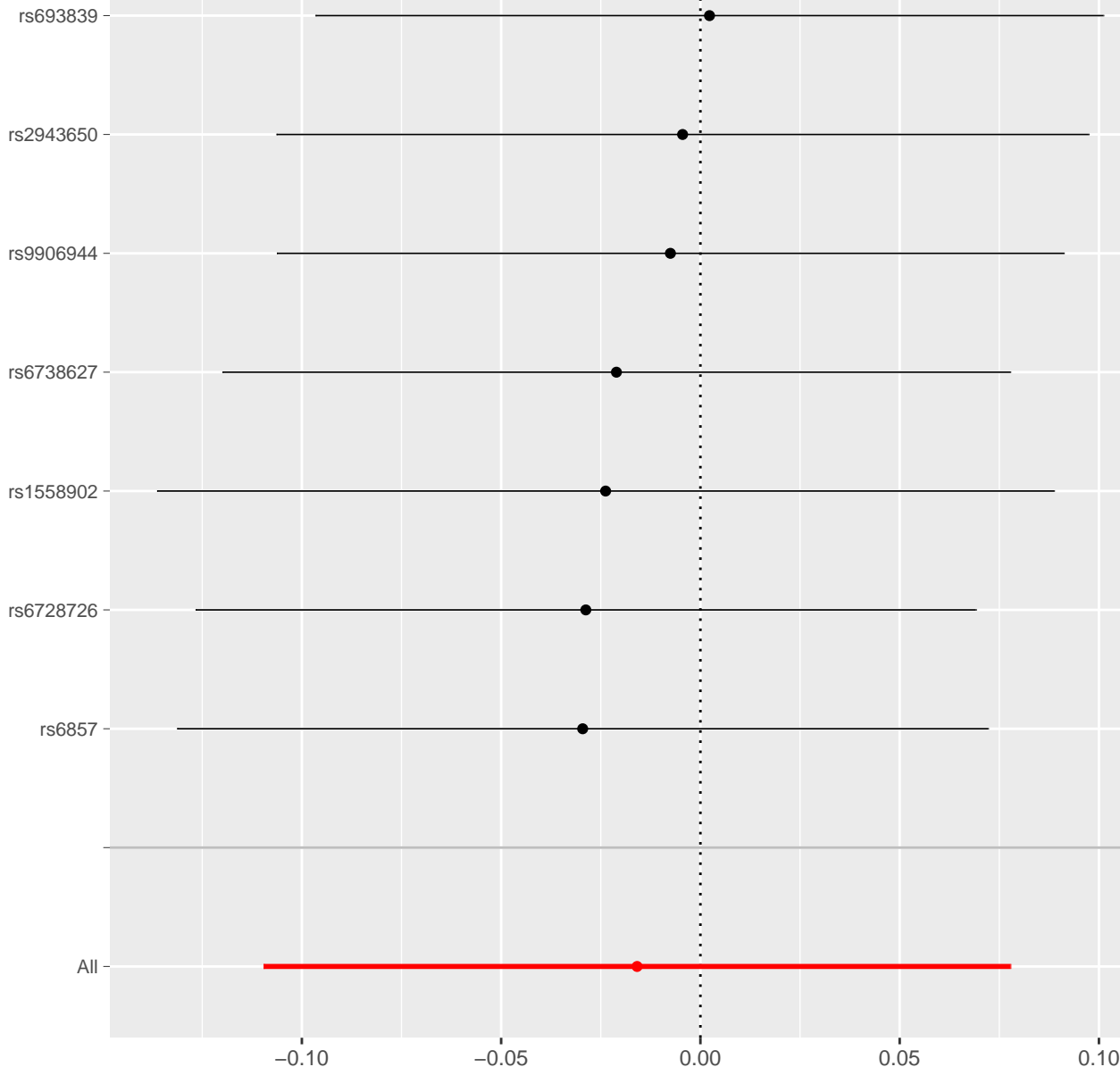
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12216 || id:591'





rs1558902

rs9906944

rs2943650

rs6728726

rs693839

rs6738627

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12230 || id:593'

rs6728726

rs6857

rs6738627

rs693839

rs1558902

rs9906944

rs2943650

All

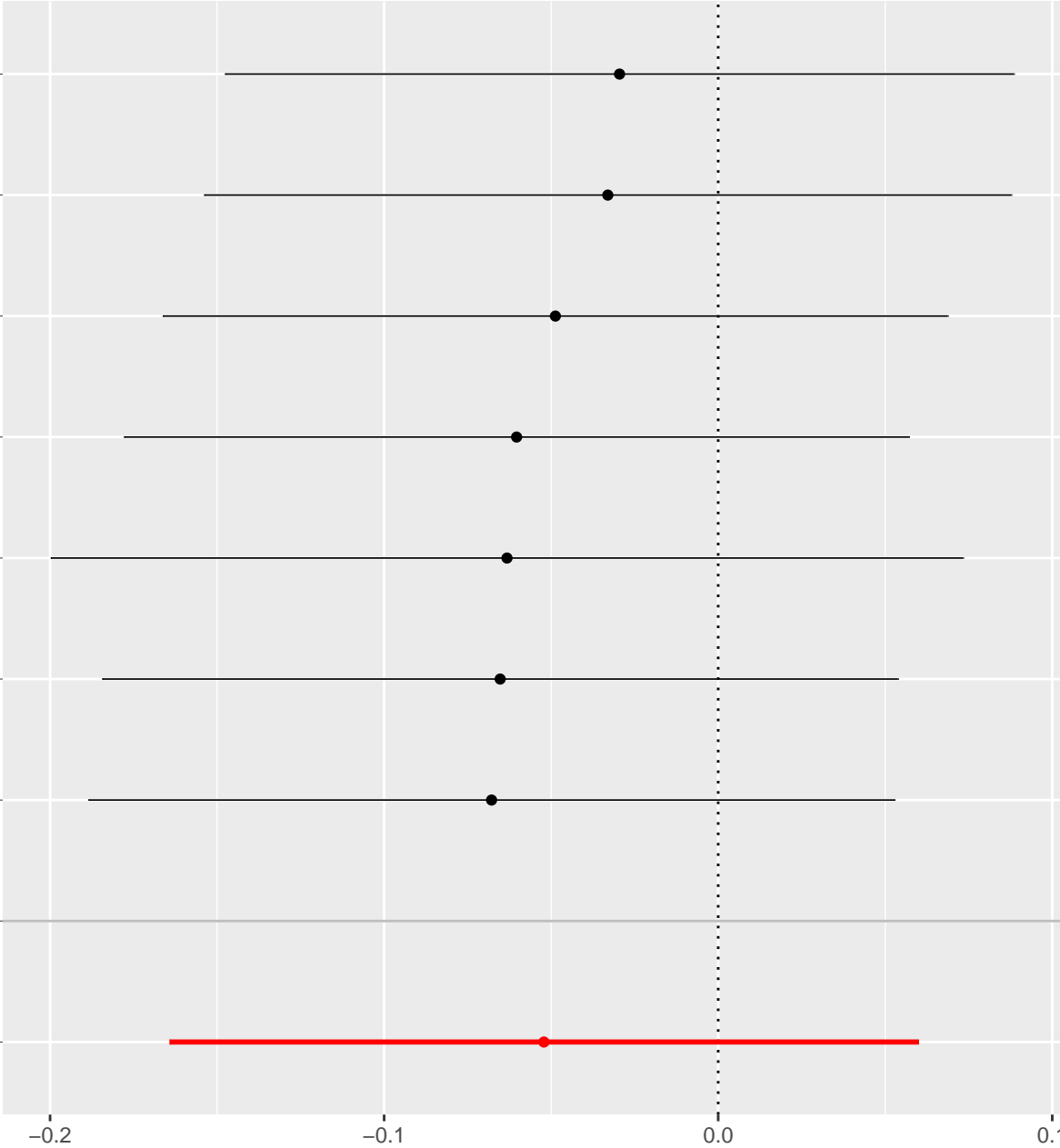
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0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12231 || id:594'



rs1558902

rs2943650

rs6728726

rs6738627

rs9906944

rs6857

rs693839

All

-0.3

-0.2

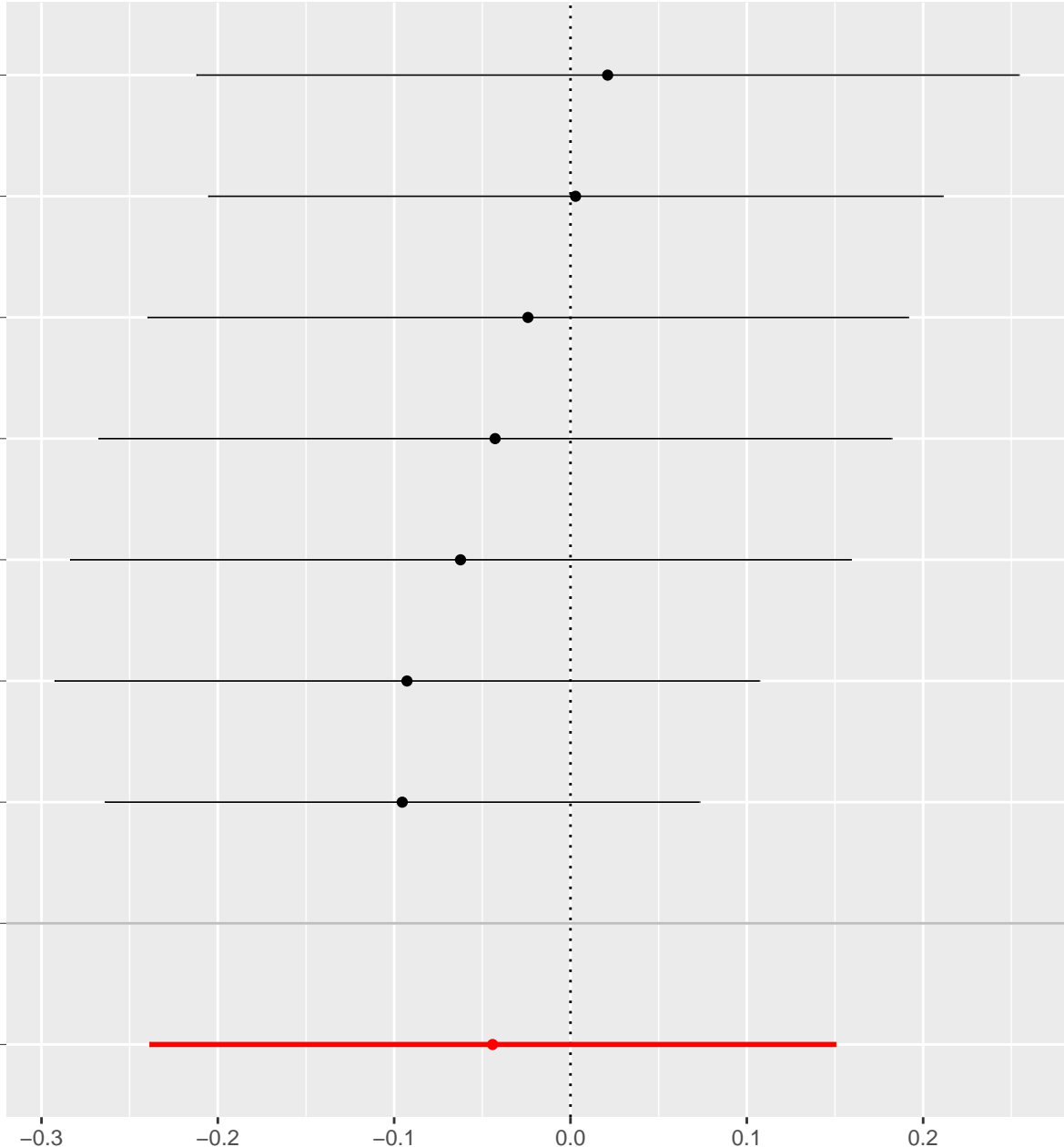
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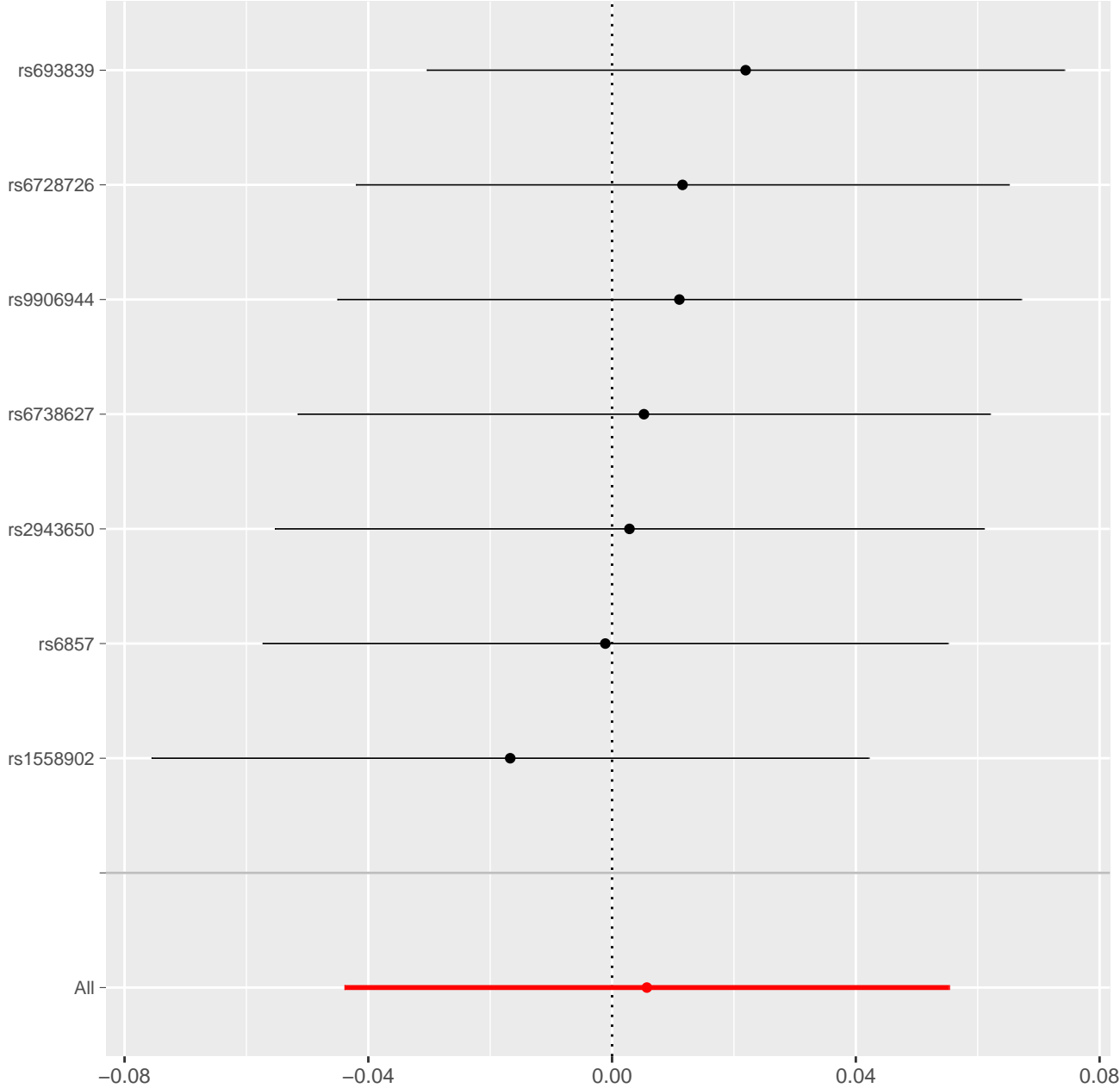
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0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12236 || id:595'





rs2943650

rs6857

rs6728726

rs6738627

rs693839

rs9906944

rs1558902

All

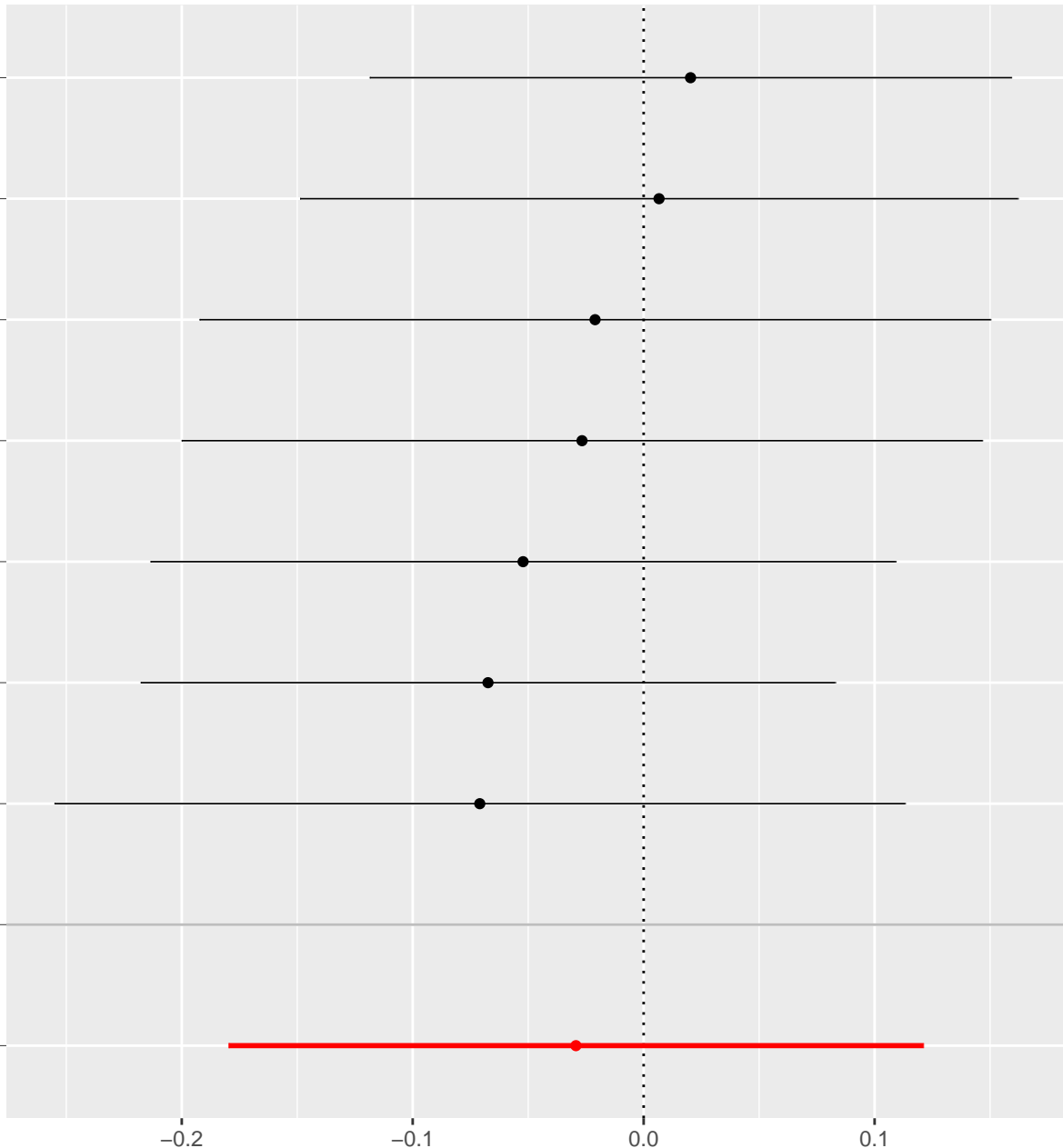
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-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12253 || id:597'



rs2943650

rs6728726

rs693839

rs6857

rs6738627

rs9906944

rs1558902

All

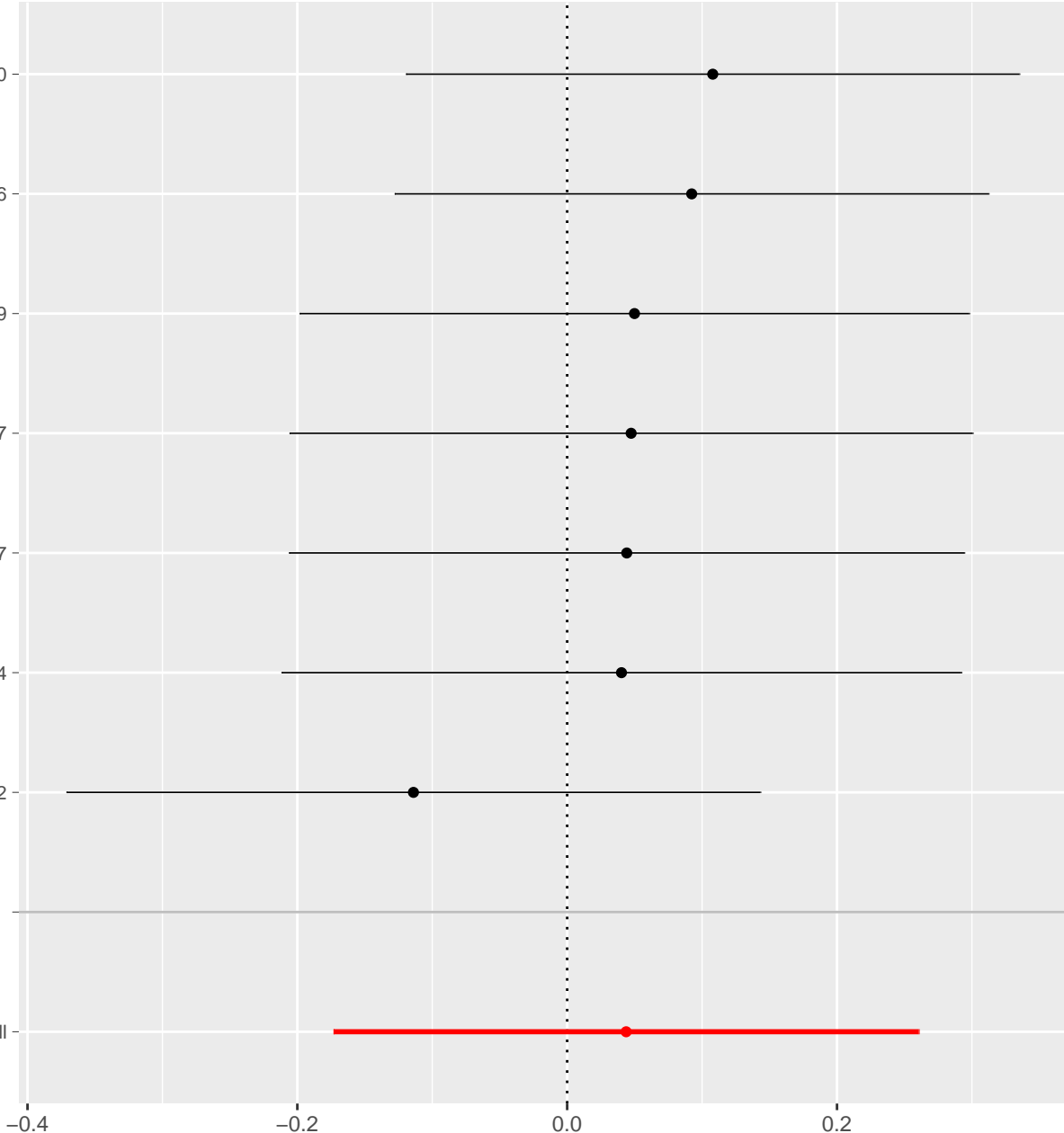
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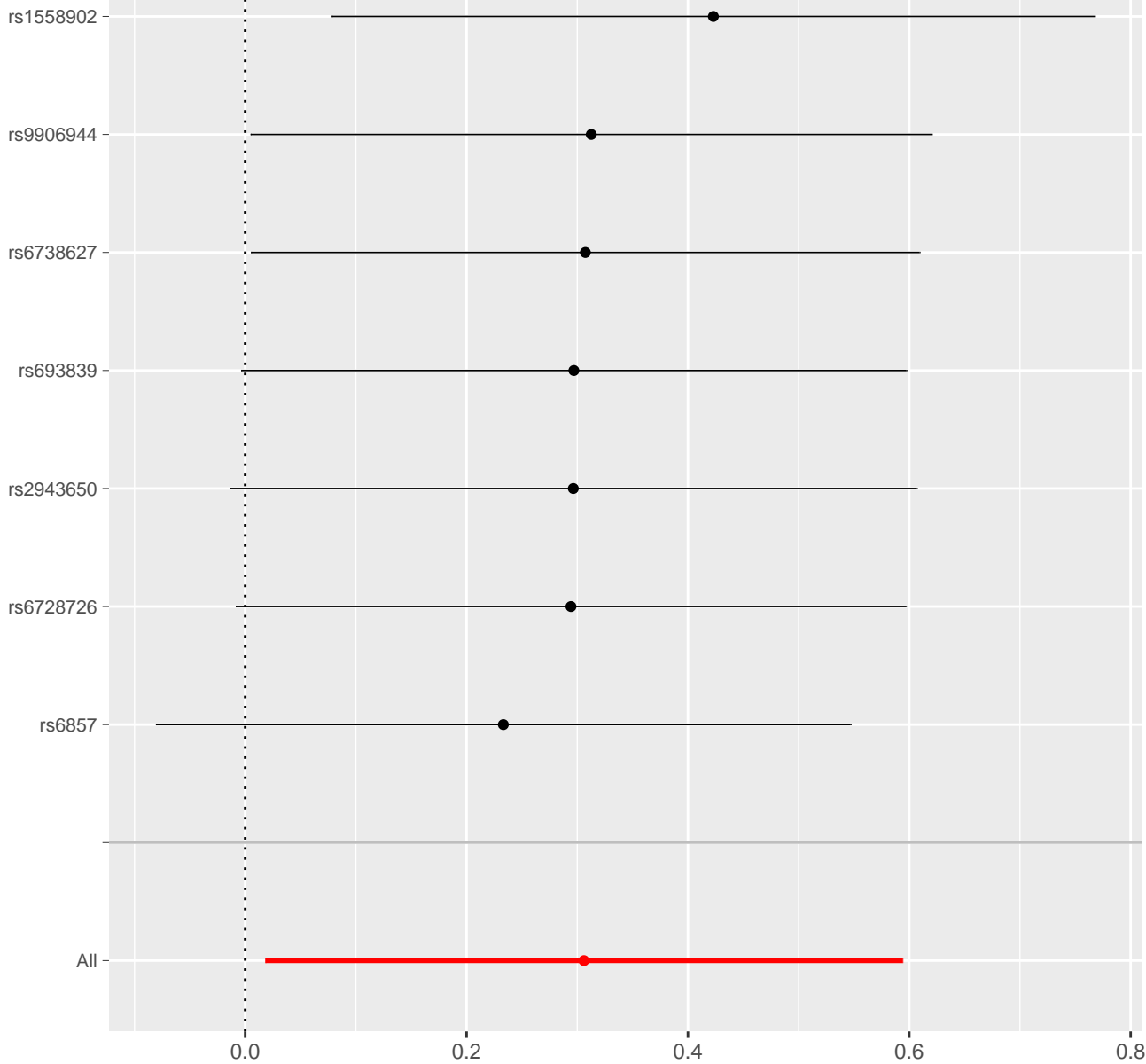
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0.0

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12261 || id:598'





rs9906944

rs6728726

rs6738627

rs6857

rs1558902

rs693839

rs2943650

All

-0.1

0.0

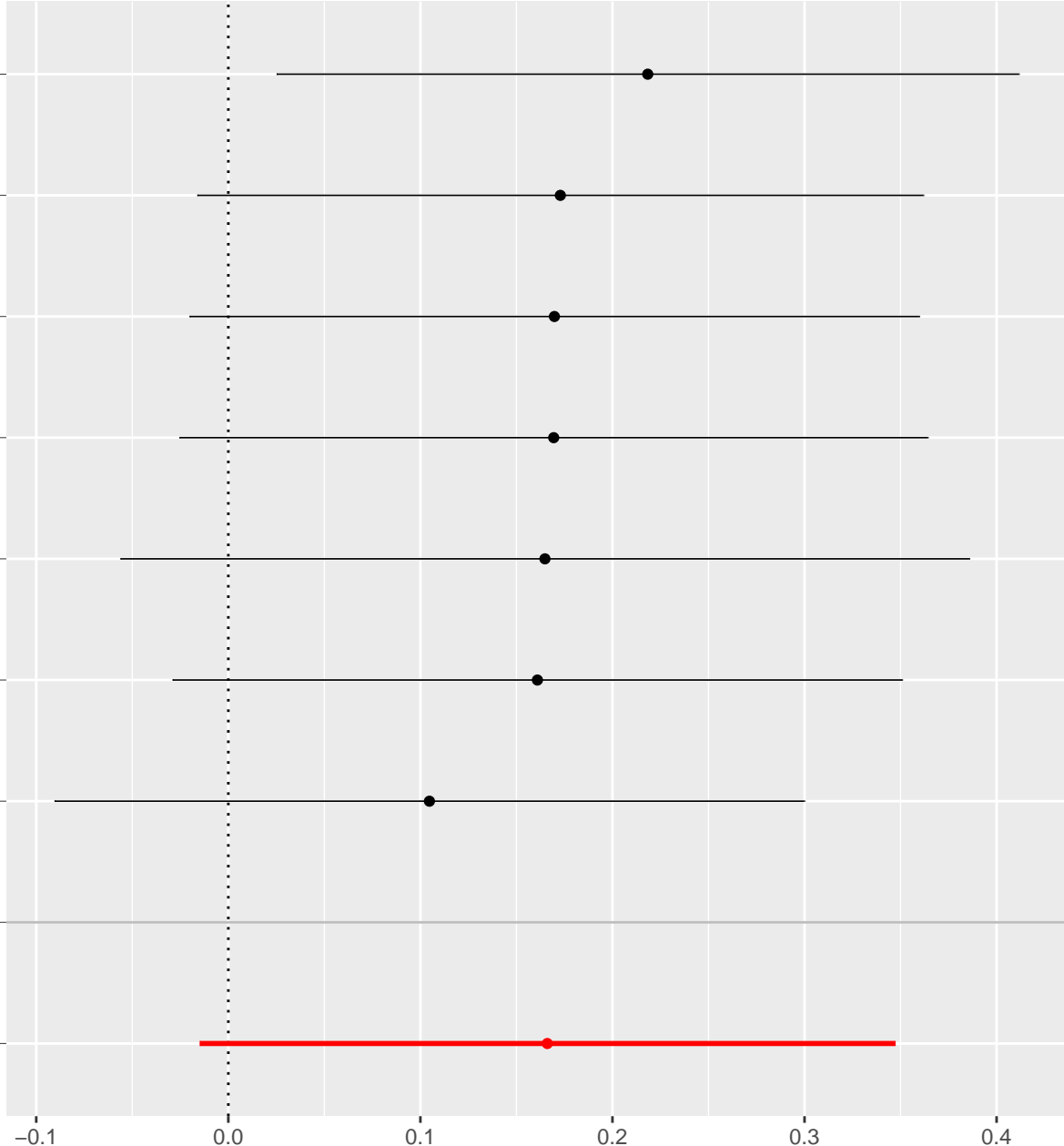
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0.3

0.4

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-10346 || id:600'



rs9906944

rs6728726

rs6857

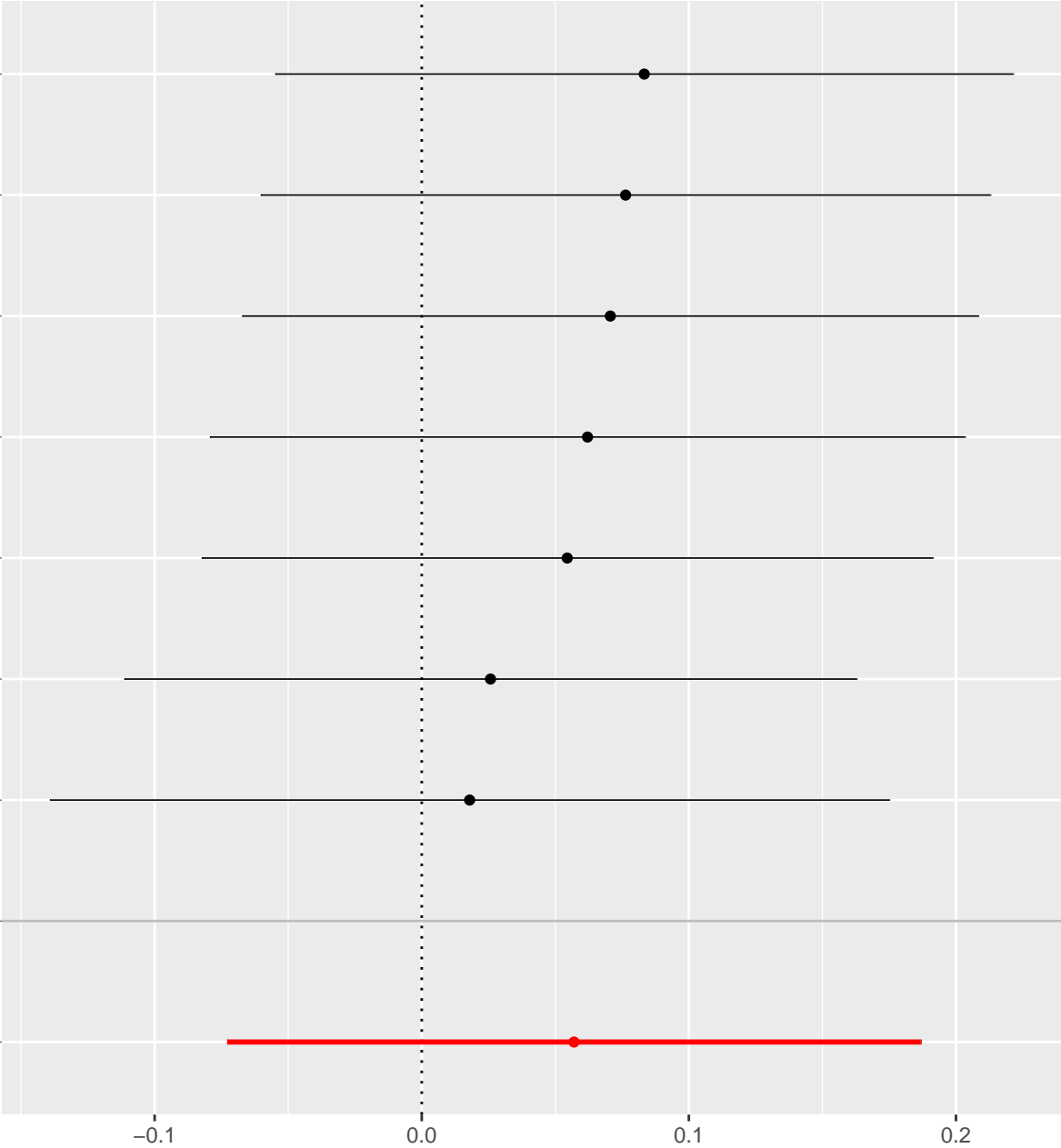
rs2943650

rs693839

rs6738627

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'ADpSGEGDFXAEGGGVR* || id:601'

rs9906944

rs693839

rs1558902

rs2943650

rs6738627

rs6728726

rs6857

All

-0.15

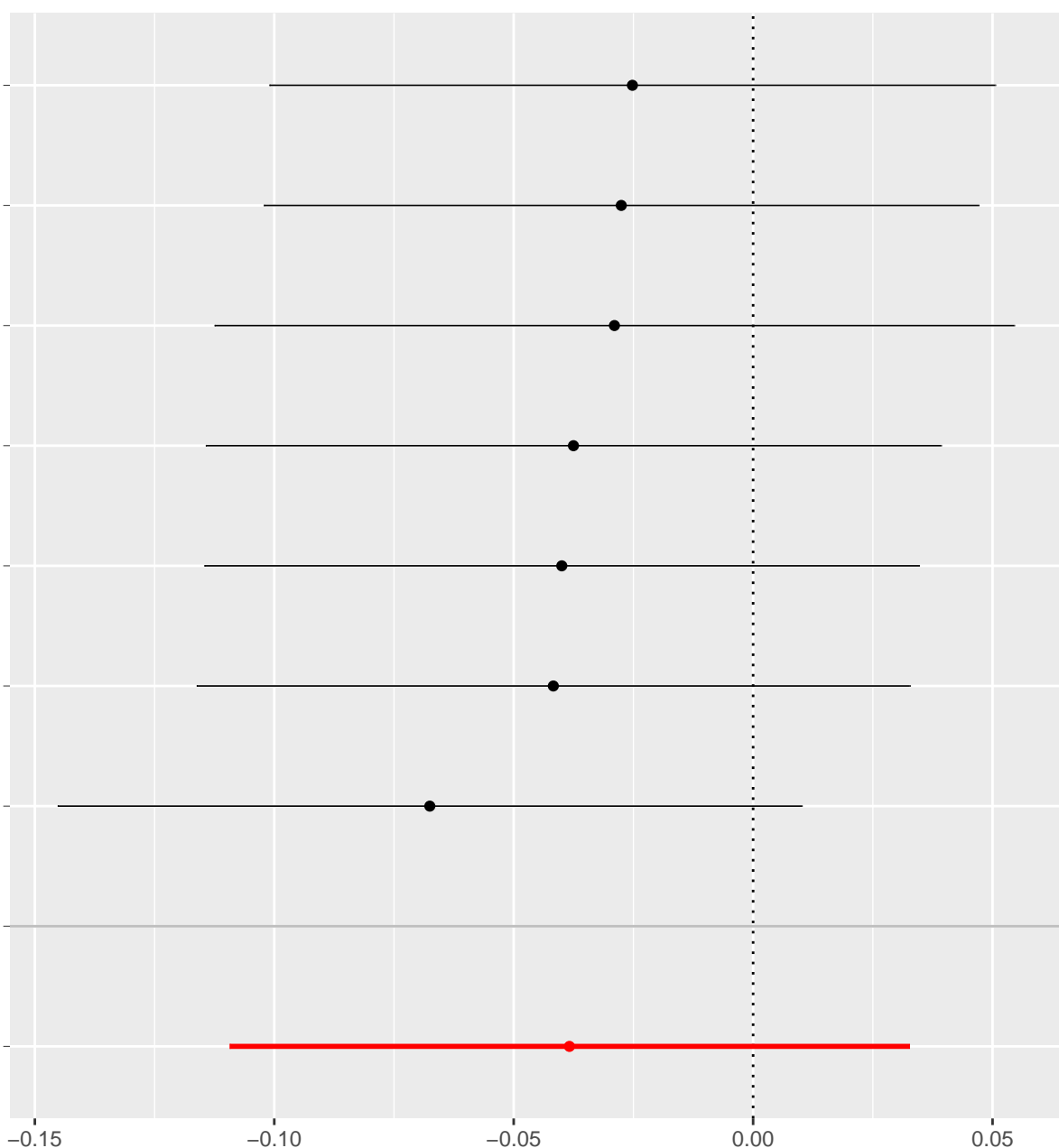
-0.10

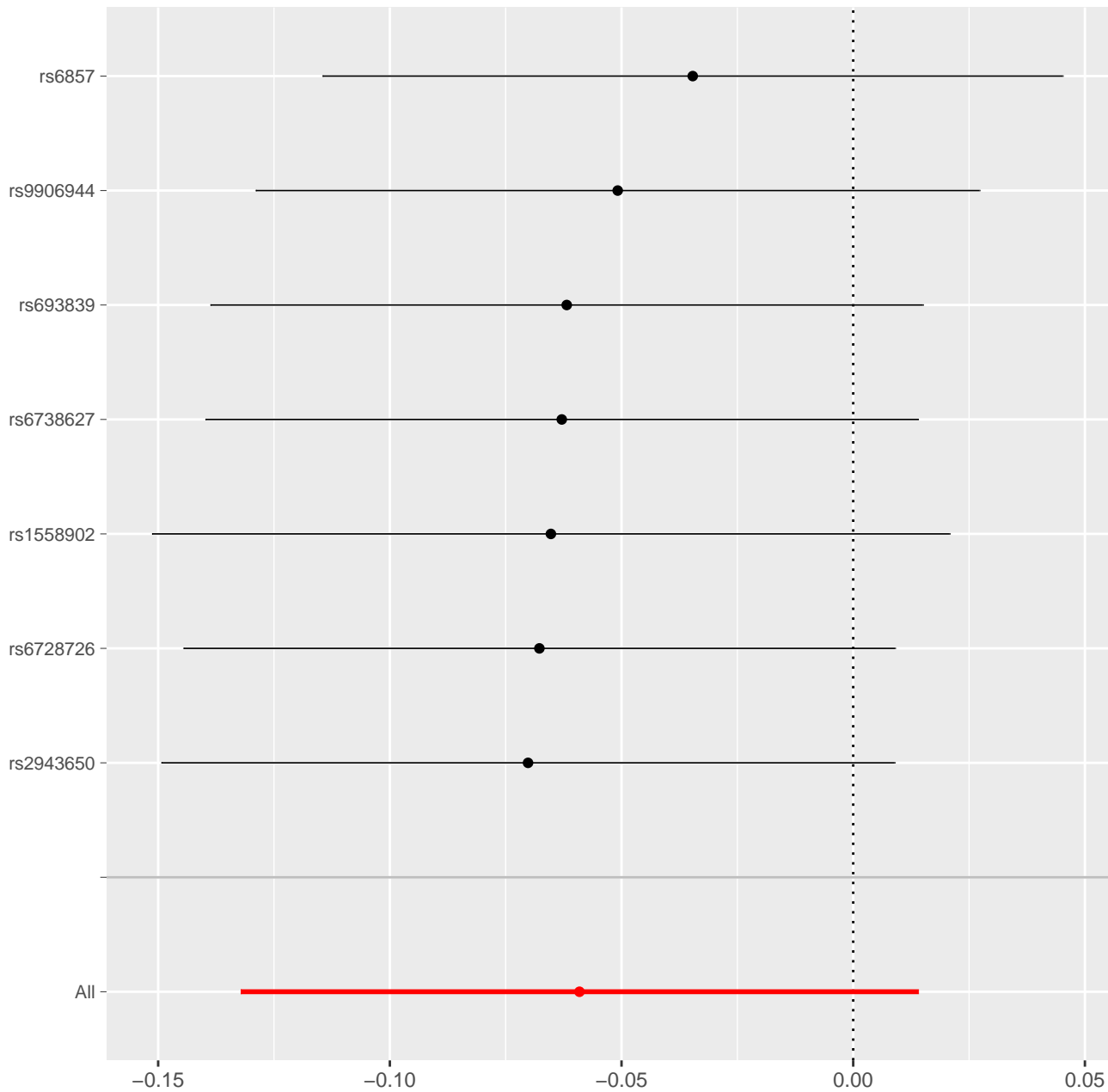
-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-eicosatrienoylglycerophosphocholine* || id:602'





rs693839

rs6728726

rs6738627

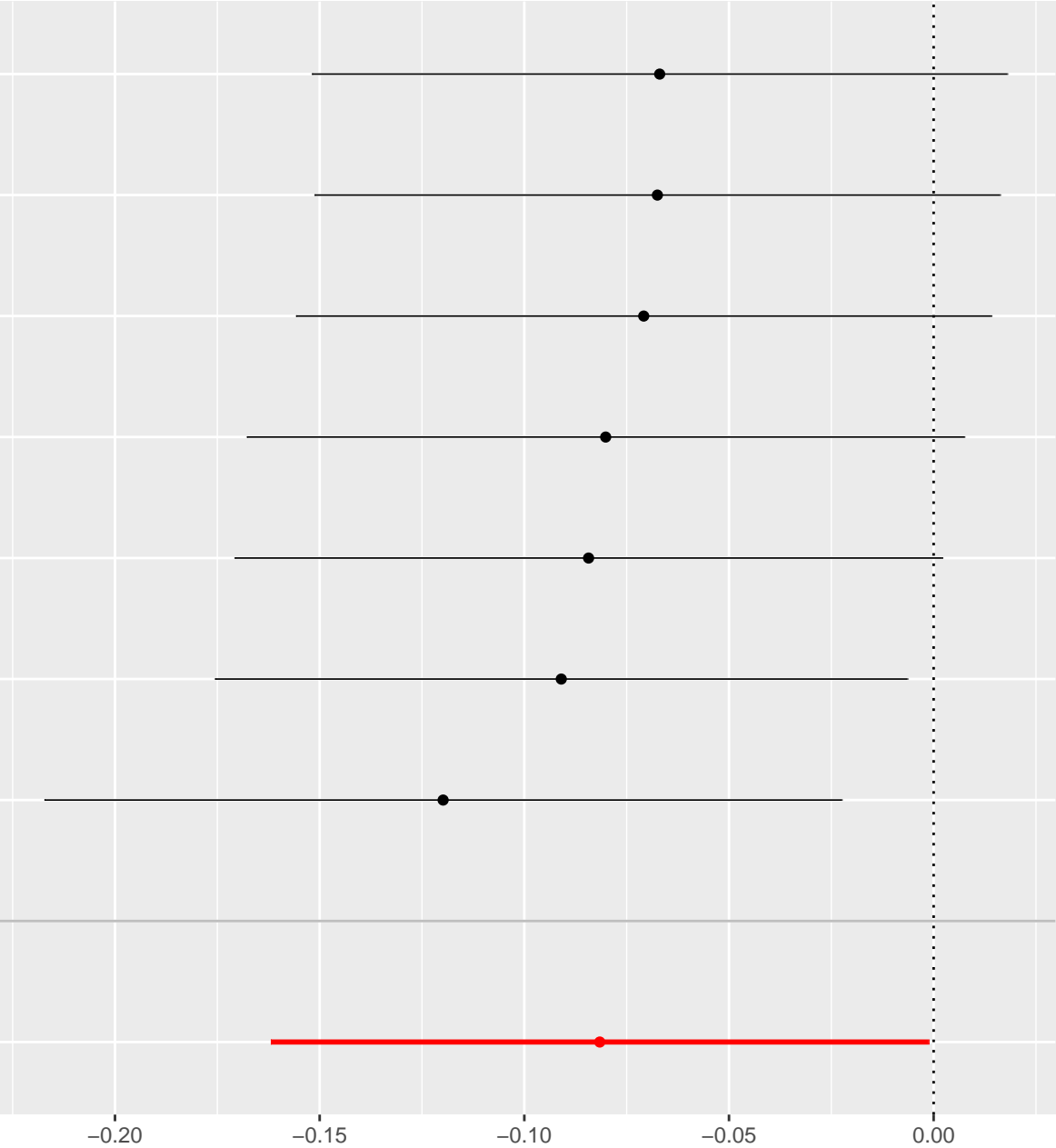
rs2943650

rs6857

rs9906944

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12405 || id:604'

rs9906944

rs2943650

rs693839

rs6738627

rs6728726

rs1558902

rs6857

All

-0.1

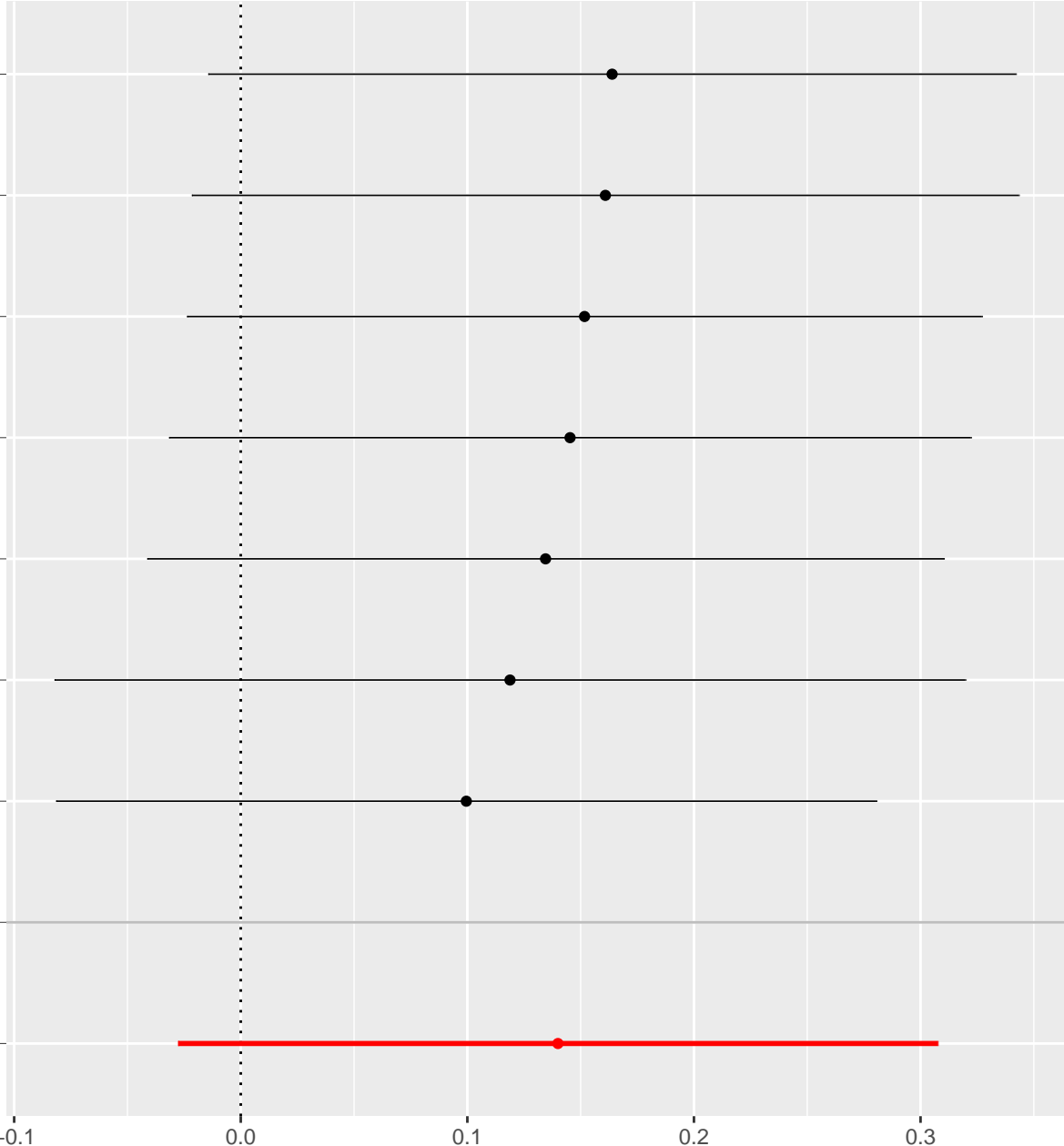
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12407 || id:605'



rs6738627

rs6857

rs1558902

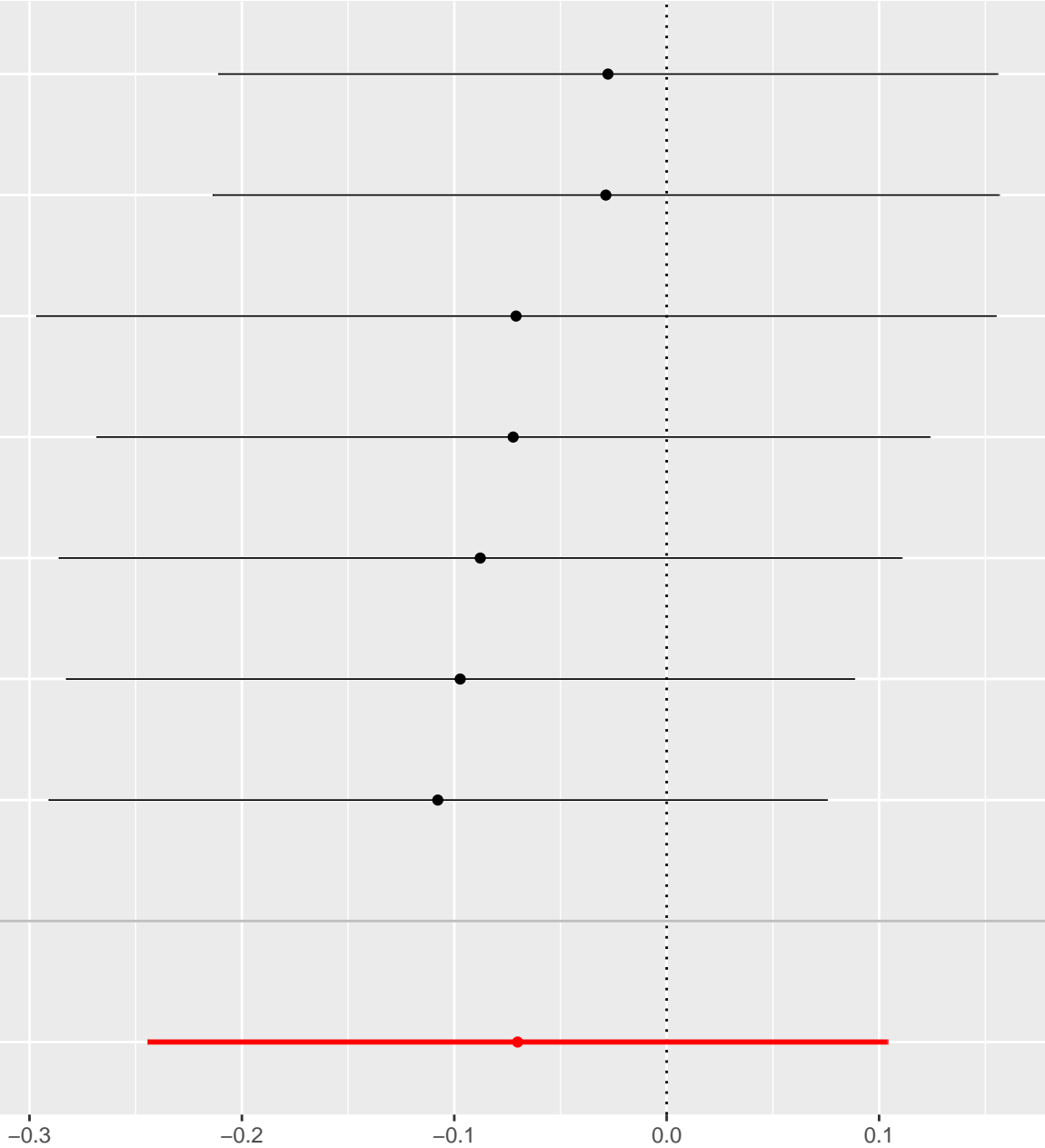
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rs2943650

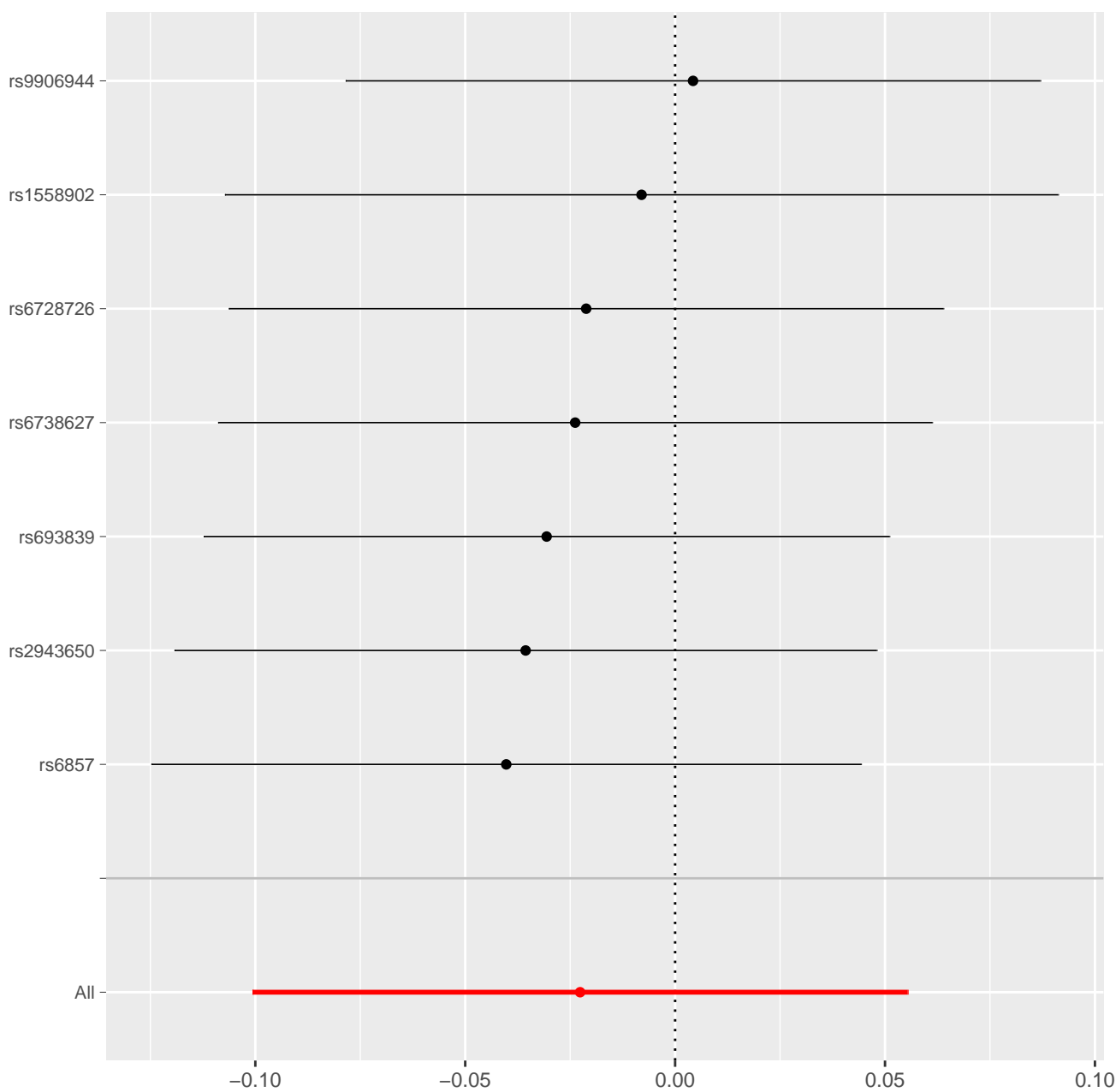
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rs693839

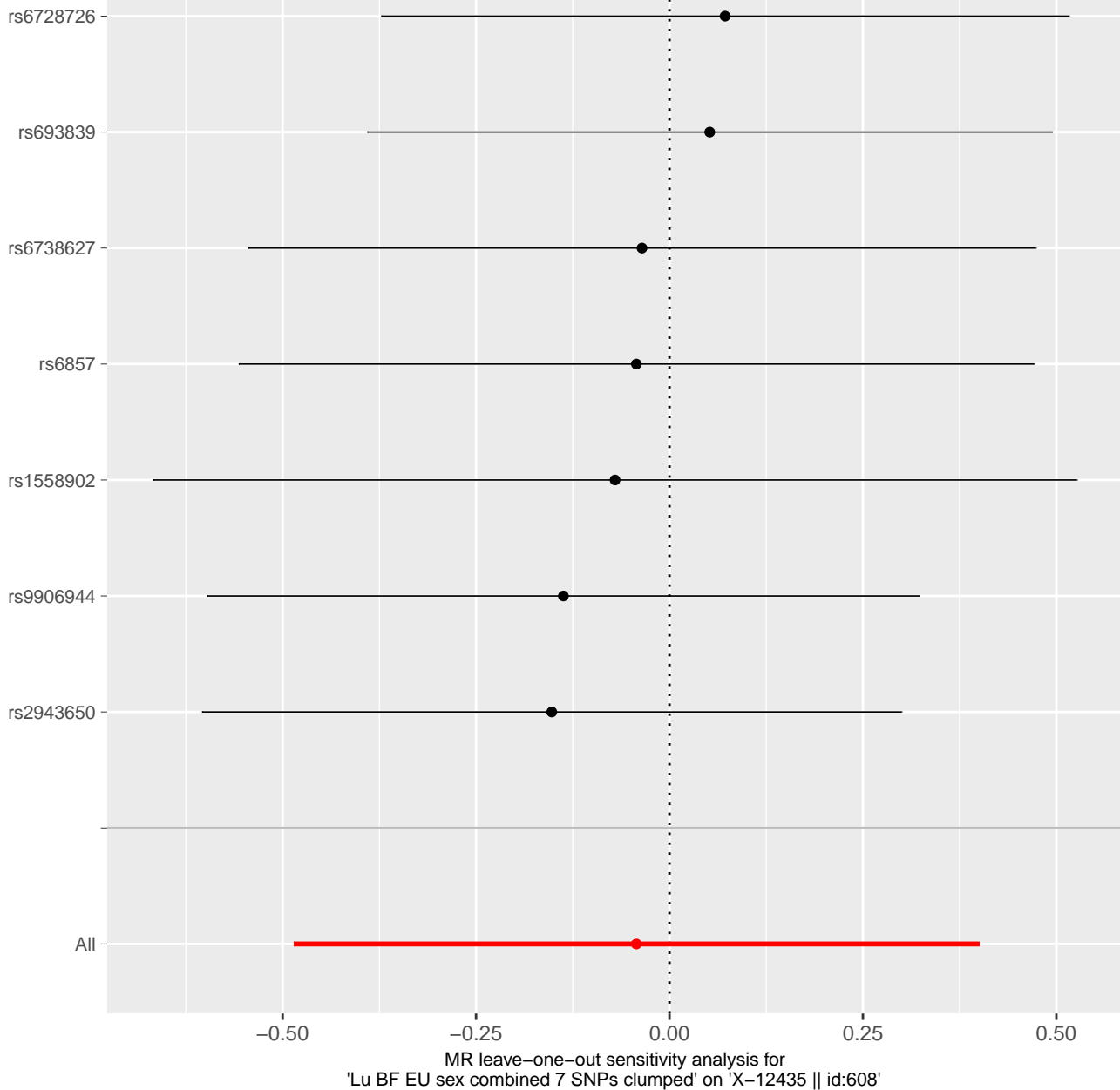
All

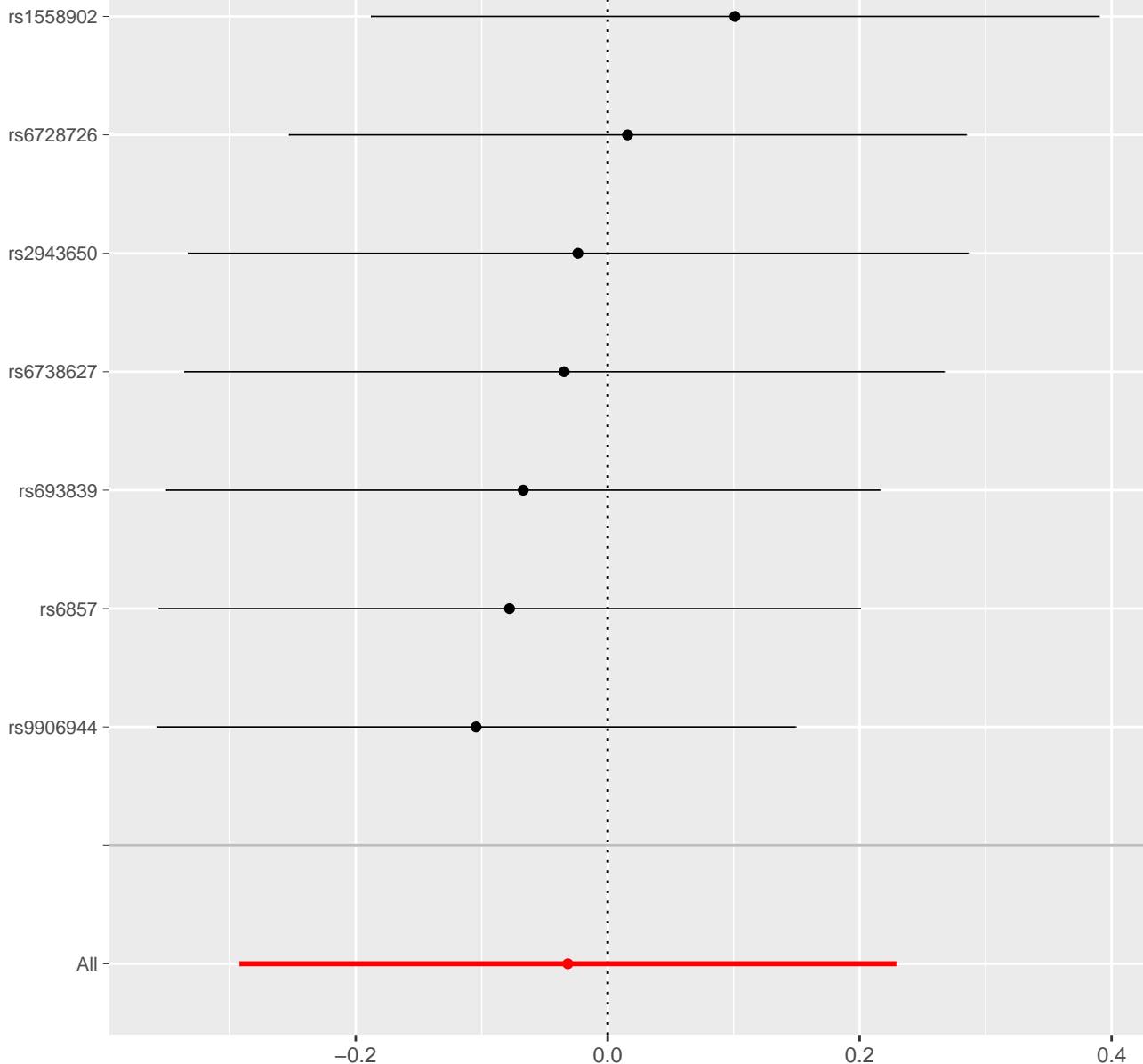


MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12428 || id:606'

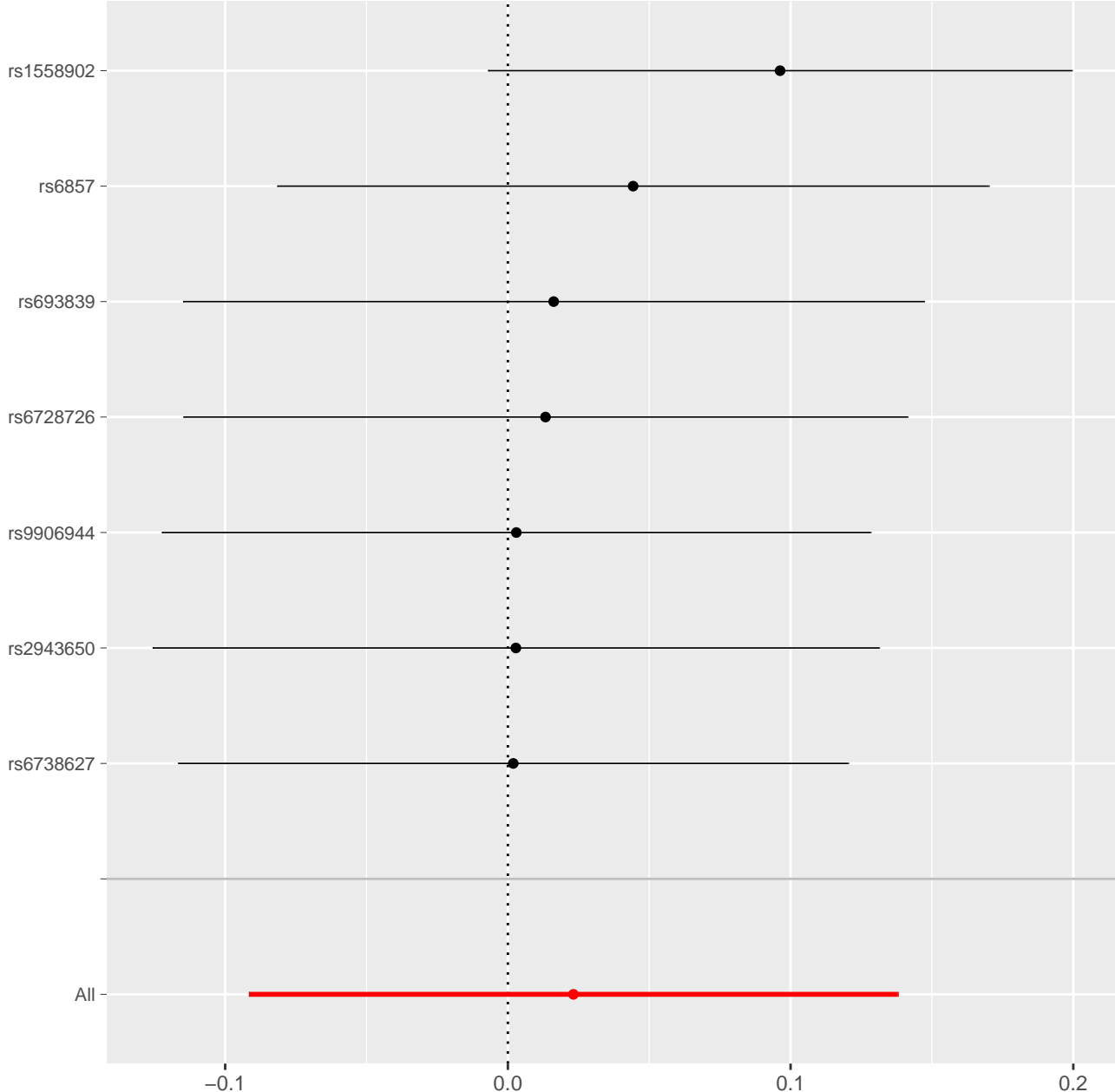


MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-eicosadienoylglycerophosphocholine* || id:607'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12441—12-hydroxyeicosatetraenoate (12-HETE) || id:609'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12442--5,8-tetradecadienoate || id:610'

rs693839

rs1558902

rs6857

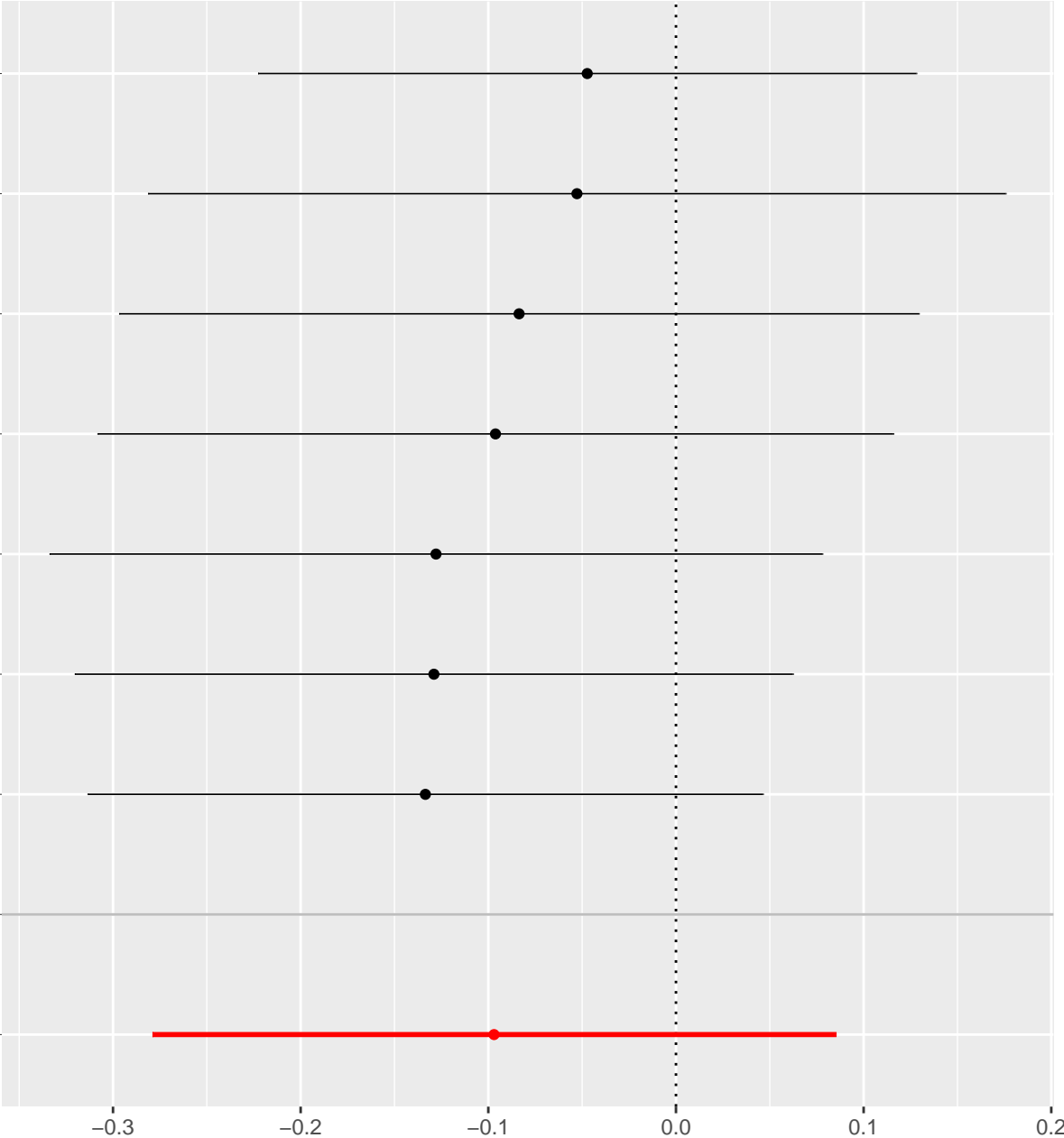
rs9906944

rs2943650

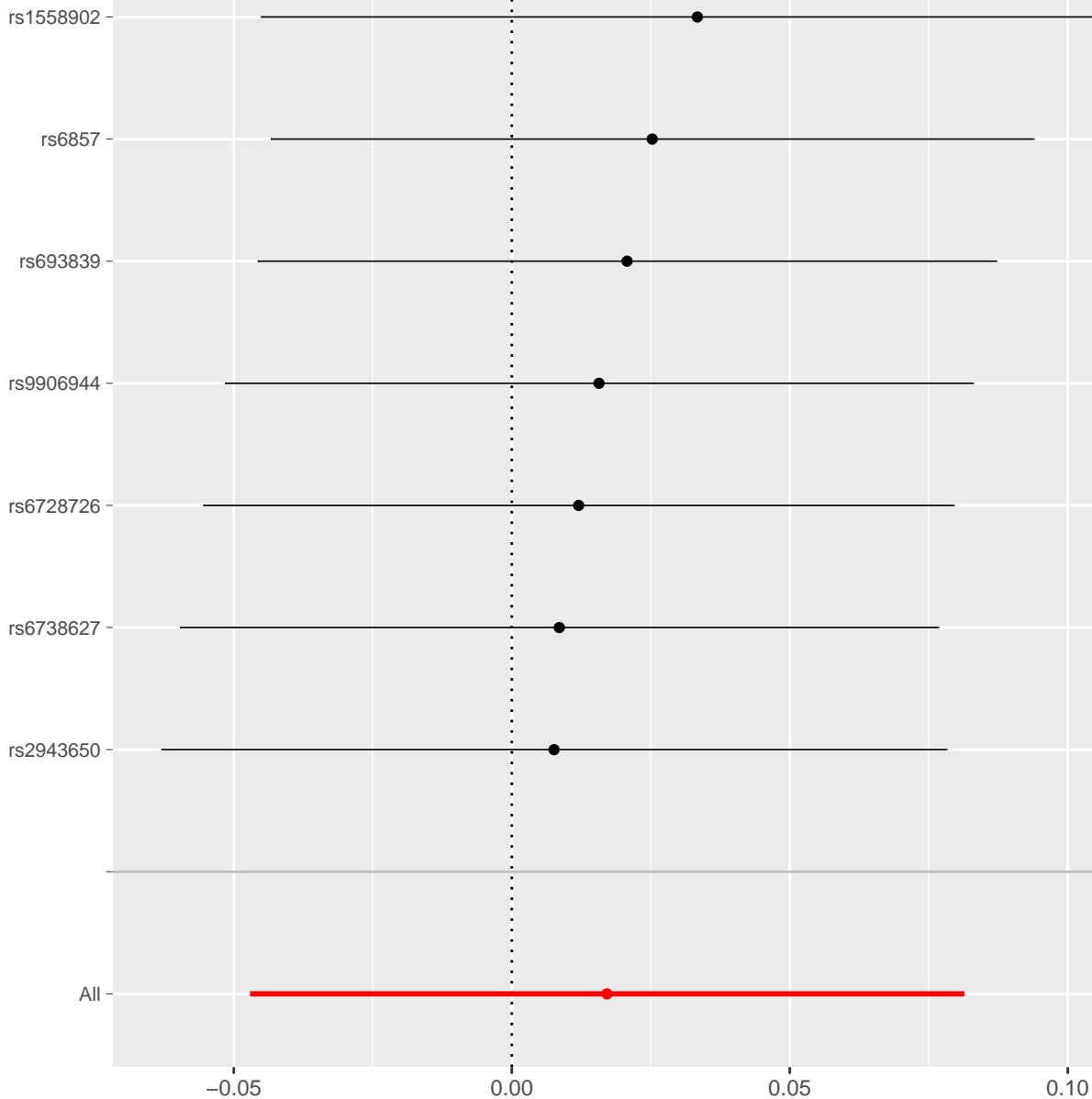
rs6738627

rs6728726

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12443 || id:611'



rs2943650

rs6857

rs6728726

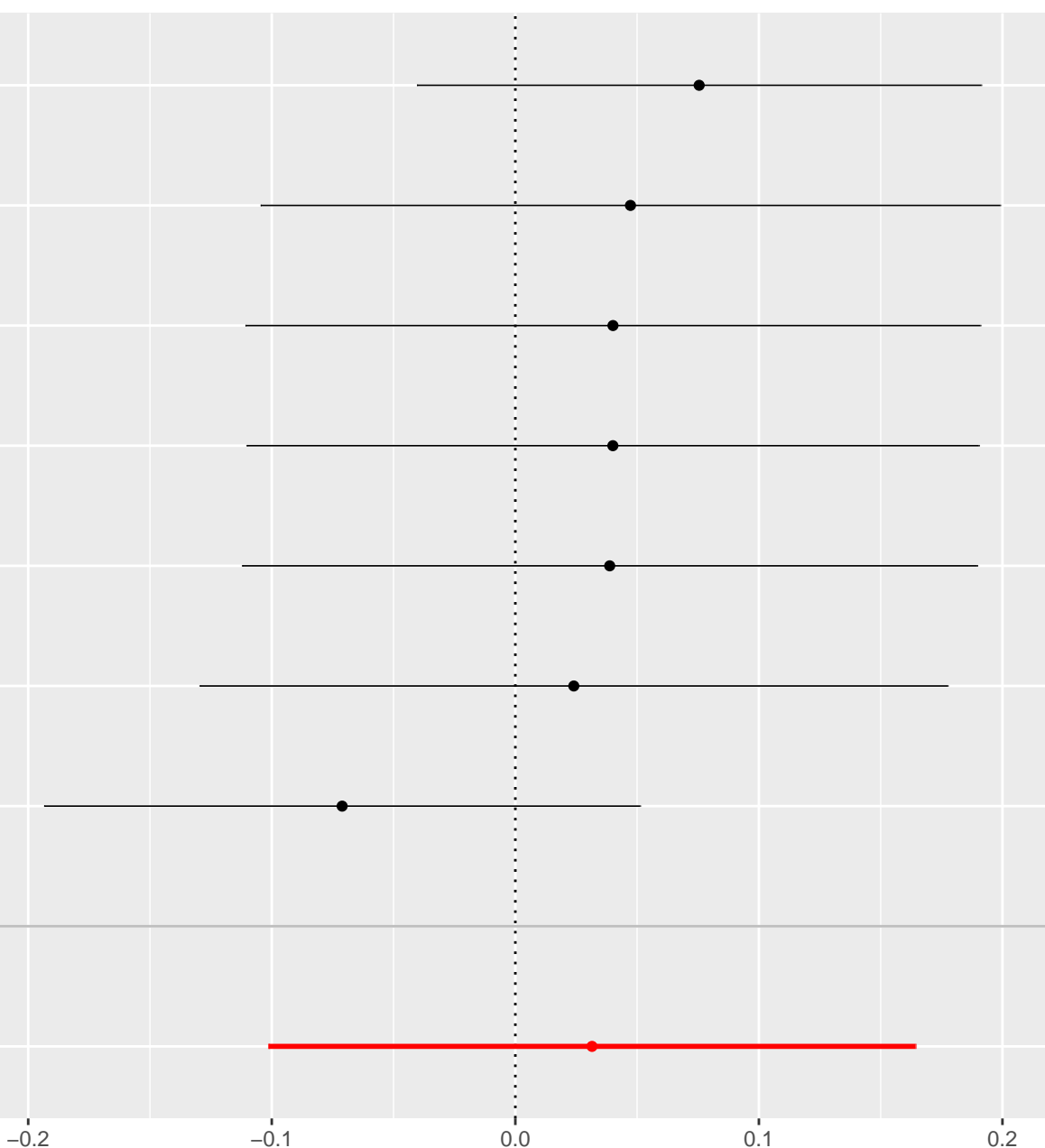
rs6738627

rs693839

rs9906944

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12456 || id:613'

rs1558902

rs6857

rs6738627

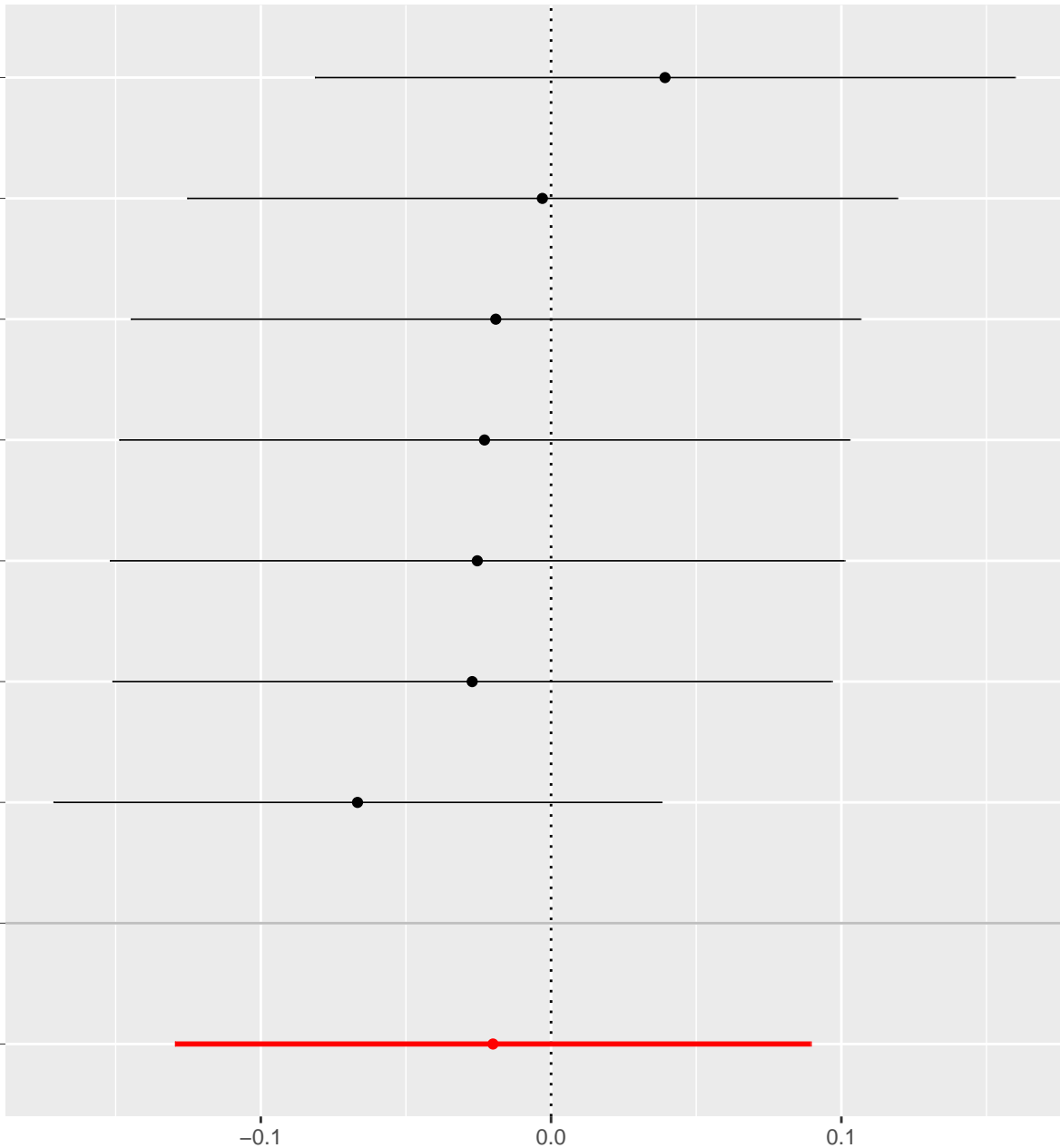
rs6728726

rs9906944

rs693839

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12465 || id:614'

rs1558902

rs9906944

rs6728726

rs693839

rs6738627

rs6857

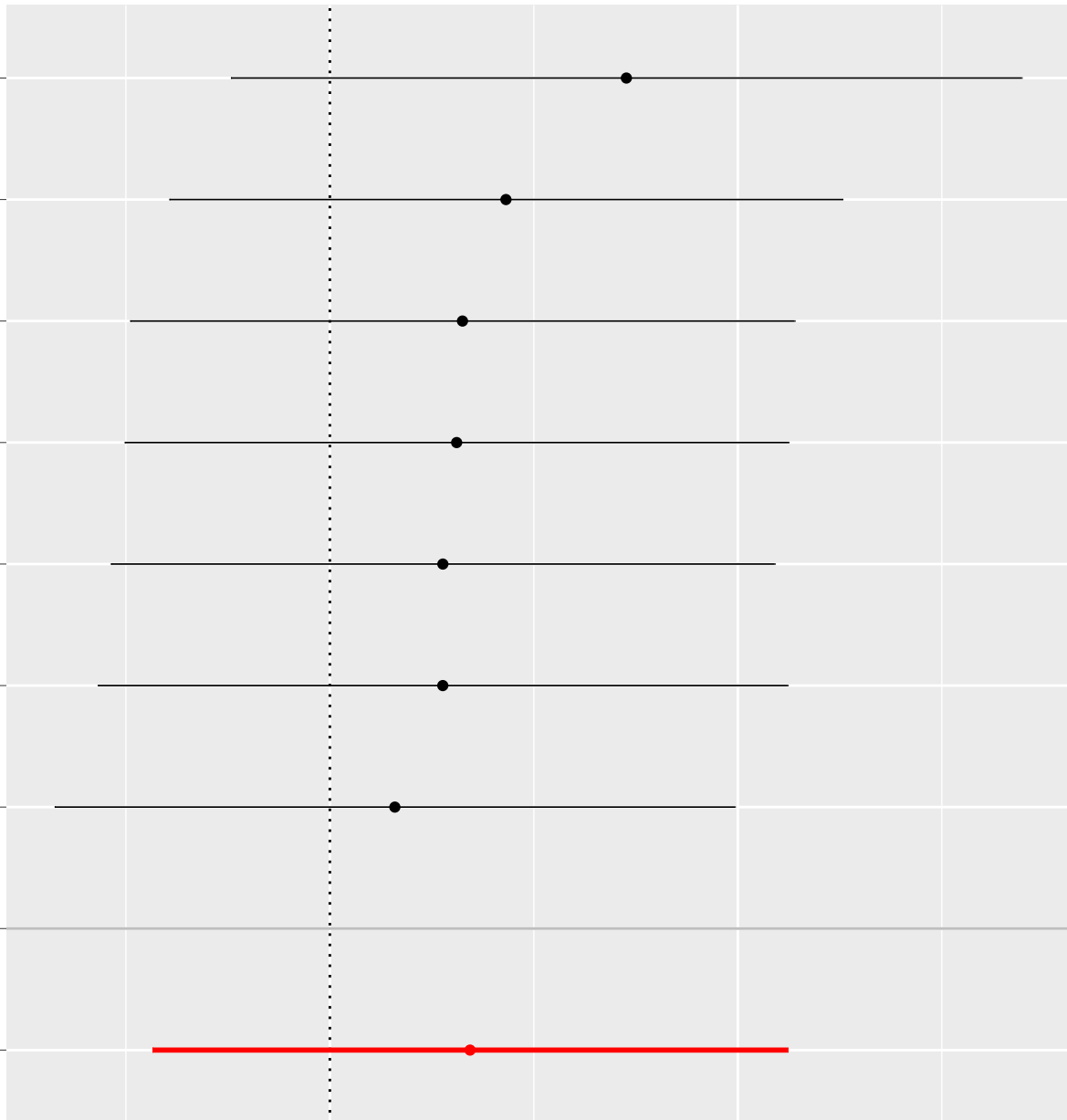
rs2943650

All

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Octanoylcarnitine || id:615'



rs9906944

rs6857

rs6738627

rs6728726

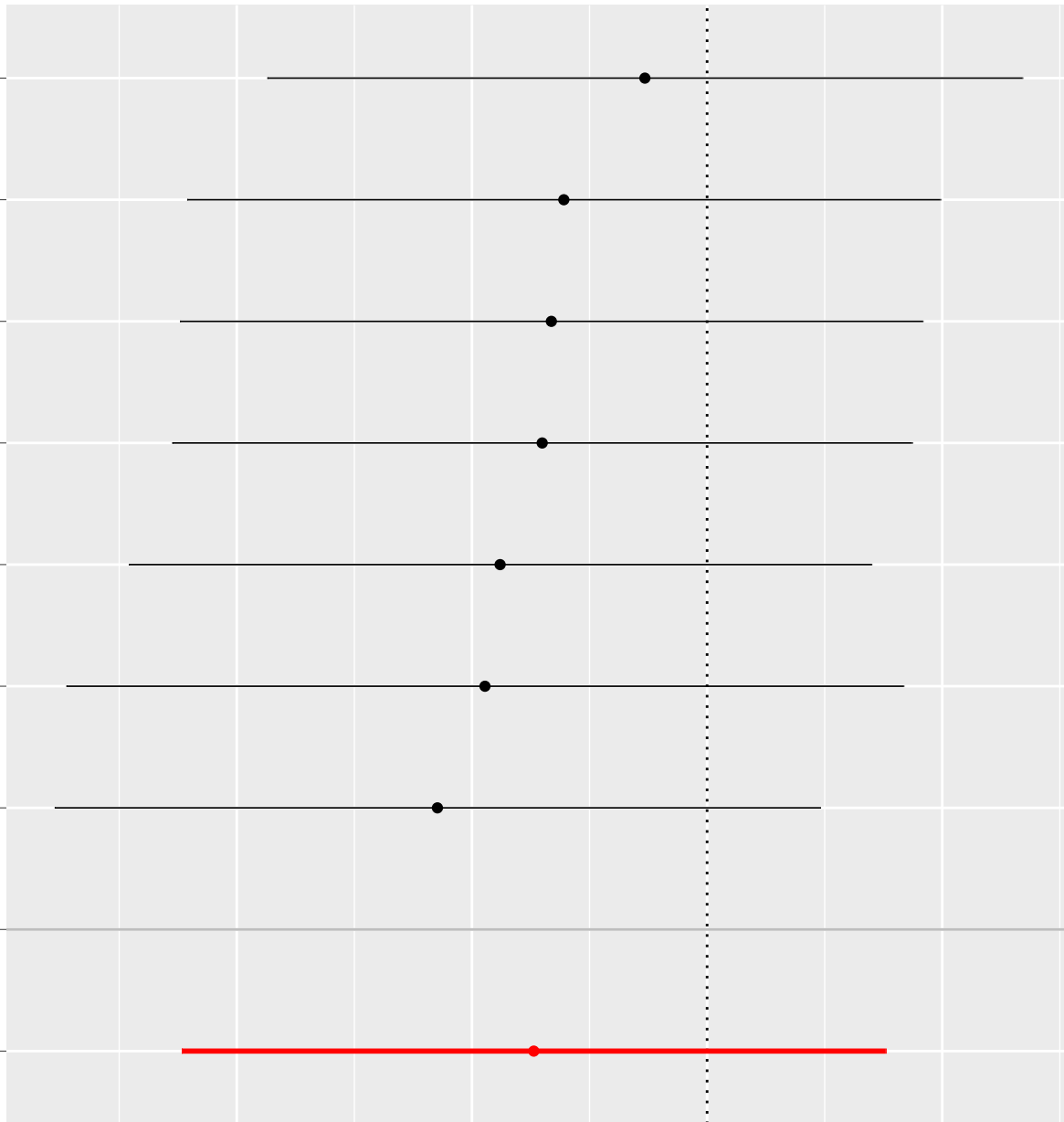
rs693839

rs1558902

rs2943650

All

-0.10 -0.05 0.00 0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Alpha-hydroxyisovalerate || id:616'

rs6738627

rs693839

rs6728726

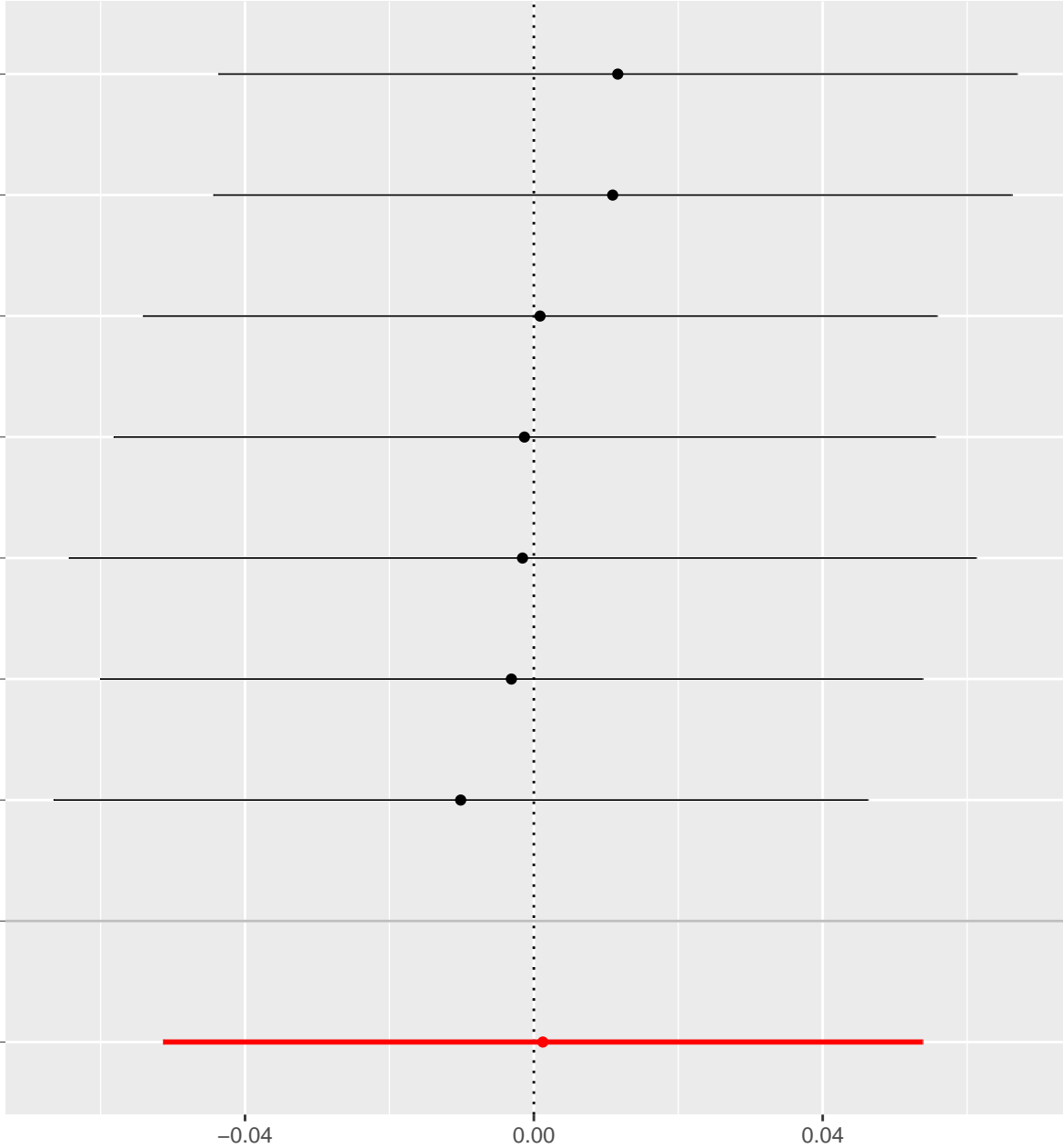
rs2943650

rs1558902

rs6857

rs9906944

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'N-acetylthreonine || id:617'

rs1558902

rs9906944

rs6738627

rs6728726

rs2943650

rs693839

rs6857

All



0.00

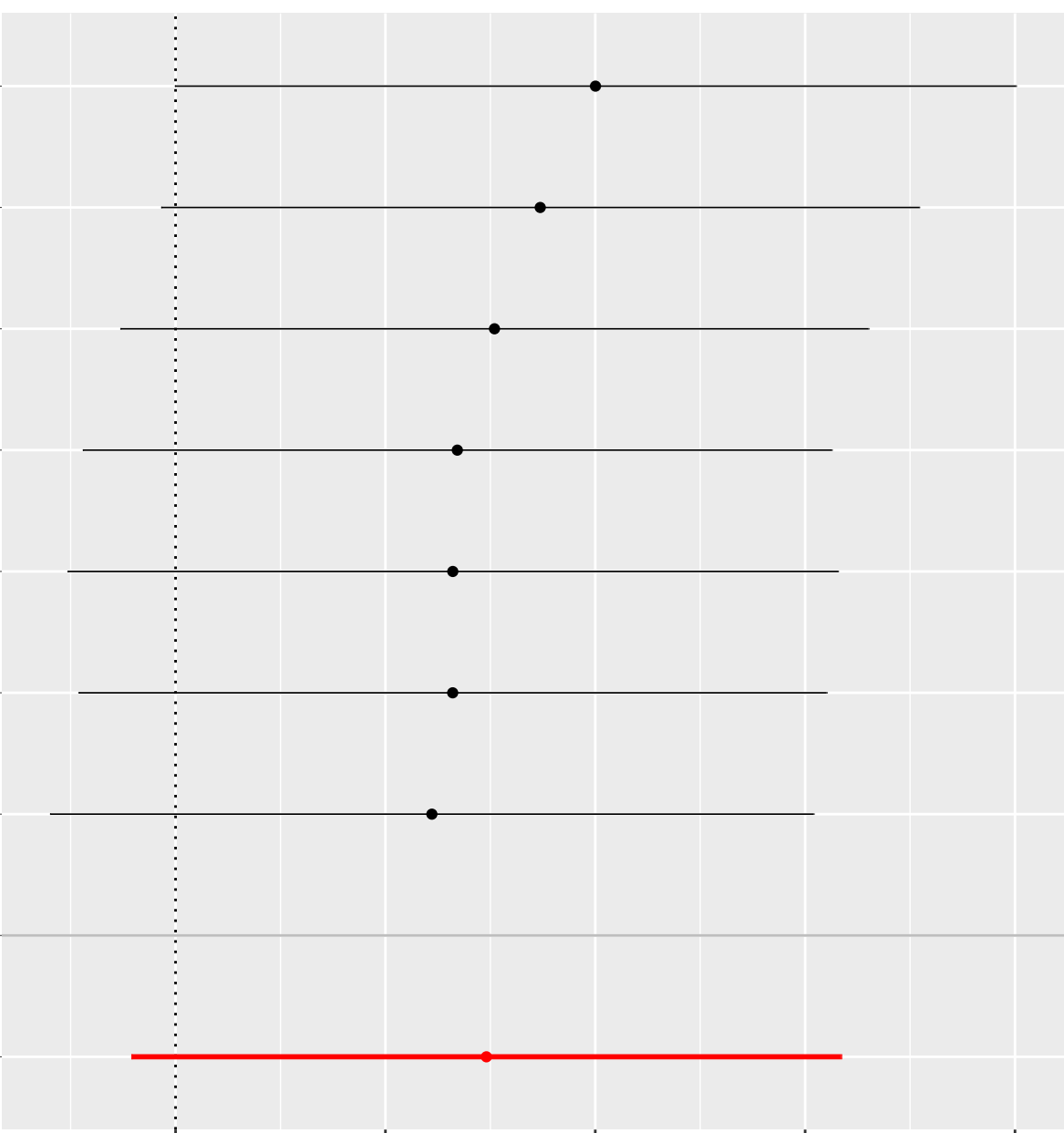
0.05

0.10

0.15

0.20

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Decanoylcarnitine || id:618'



rs6738627

rs1558902

rs693839

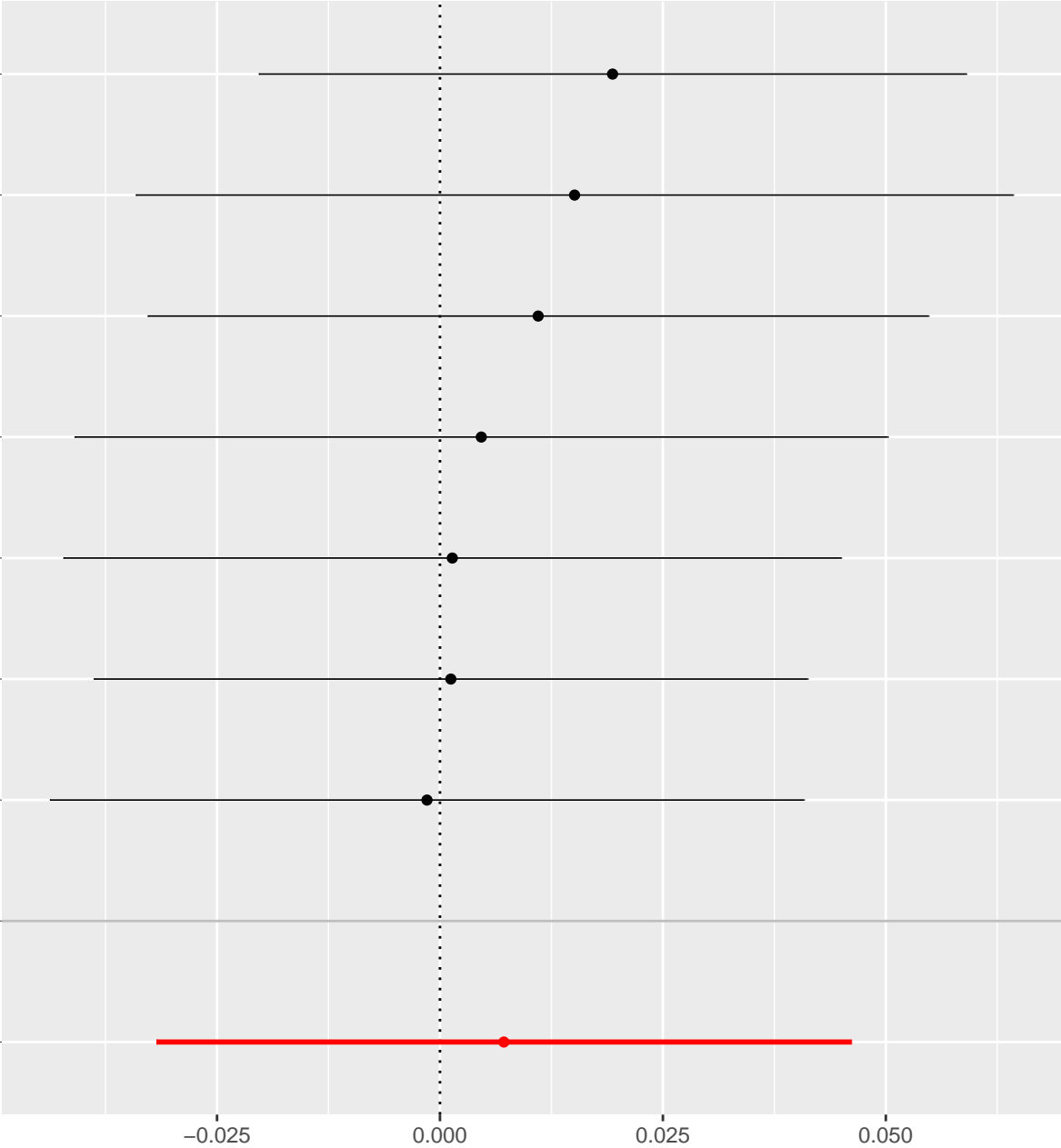
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rs6857

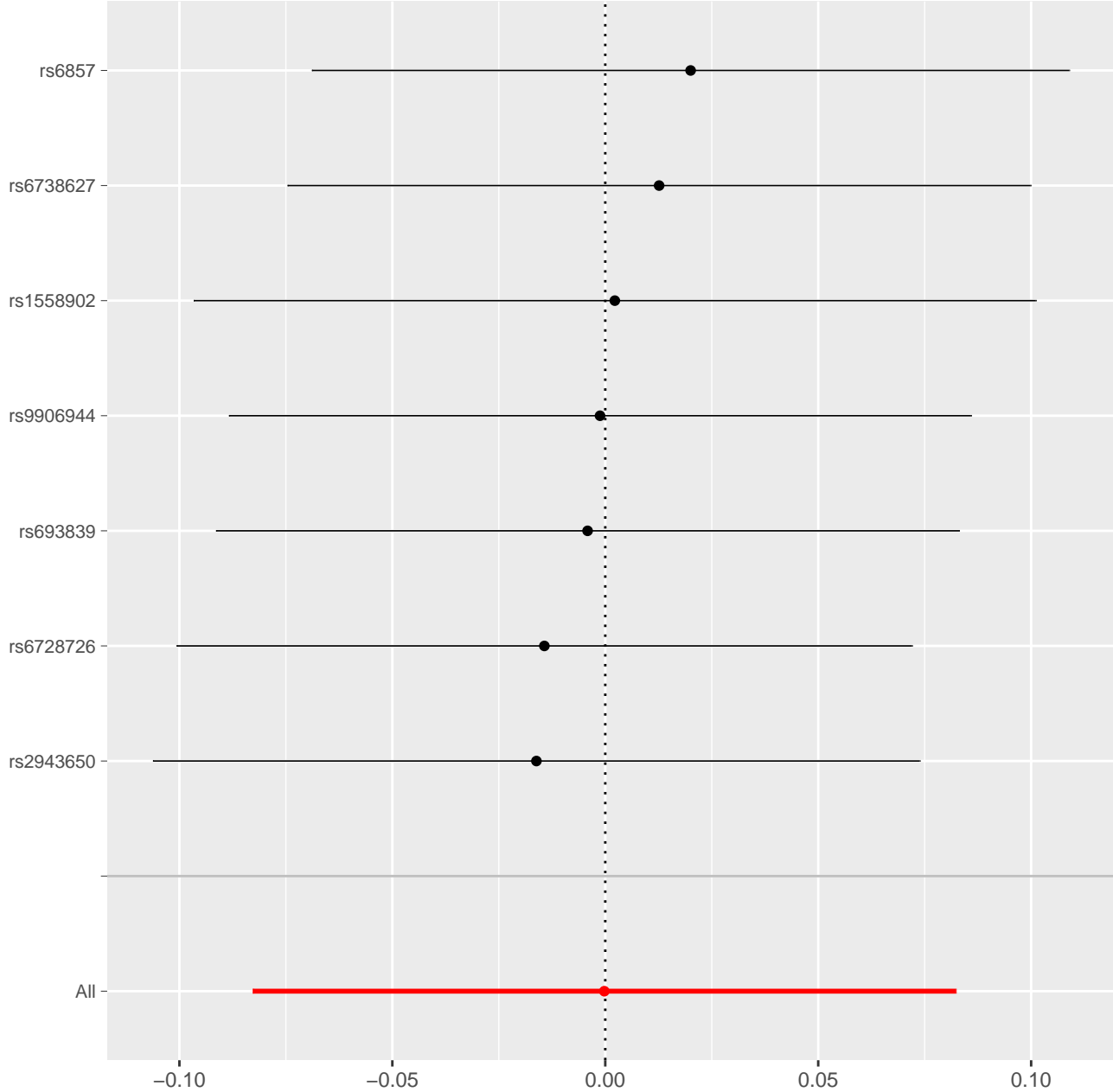
rs6728726

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-palmitoylglycerophosphocholine || id:619'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-heptadecanoylglycerophosphocholine || id:620'

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rs6738627

rs1558902

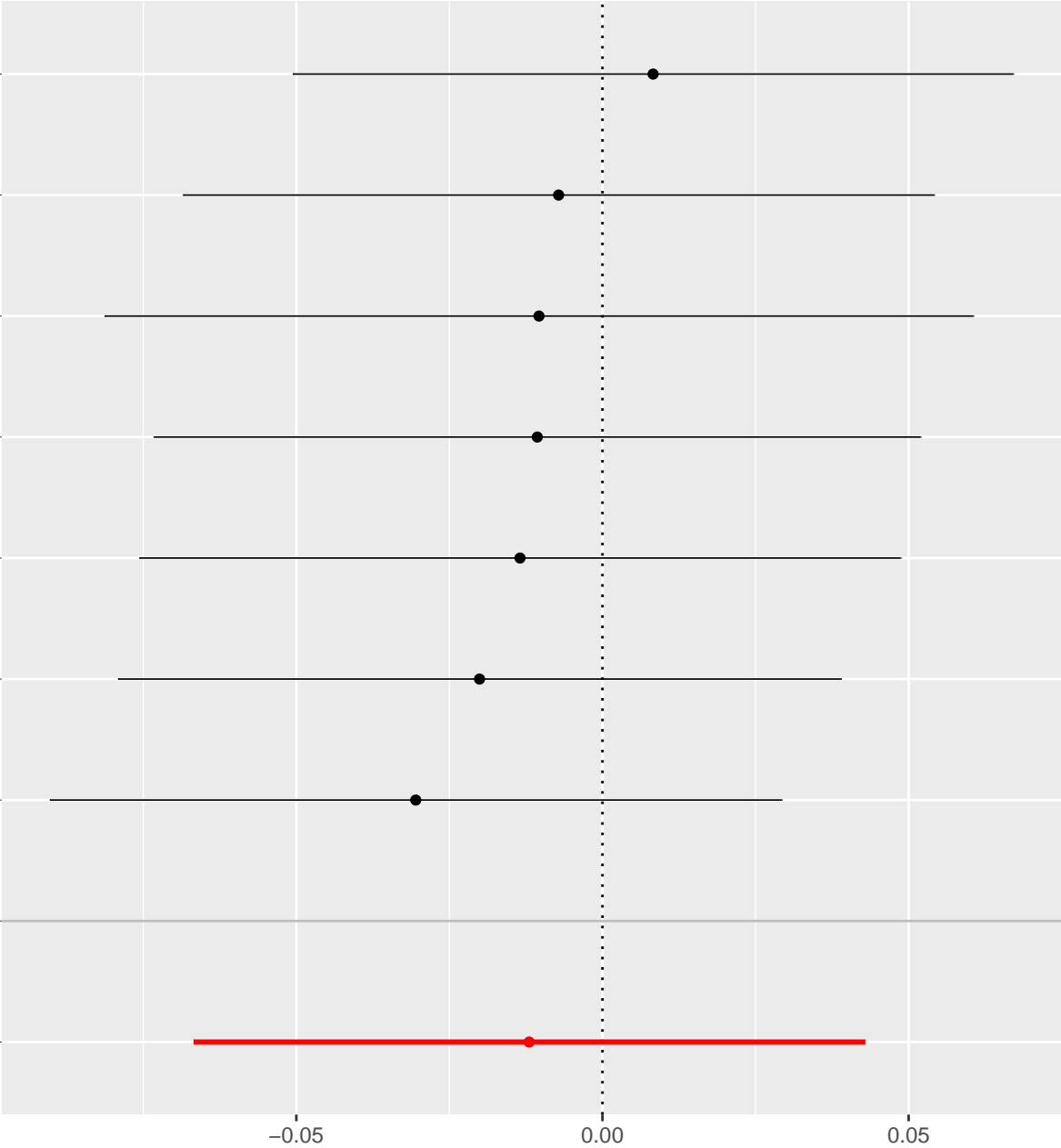
rs693839

rs6728726

rs6857

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-oleoylglycerophosphocholine || id:621'

rs1558902

rs9906944

rs6857

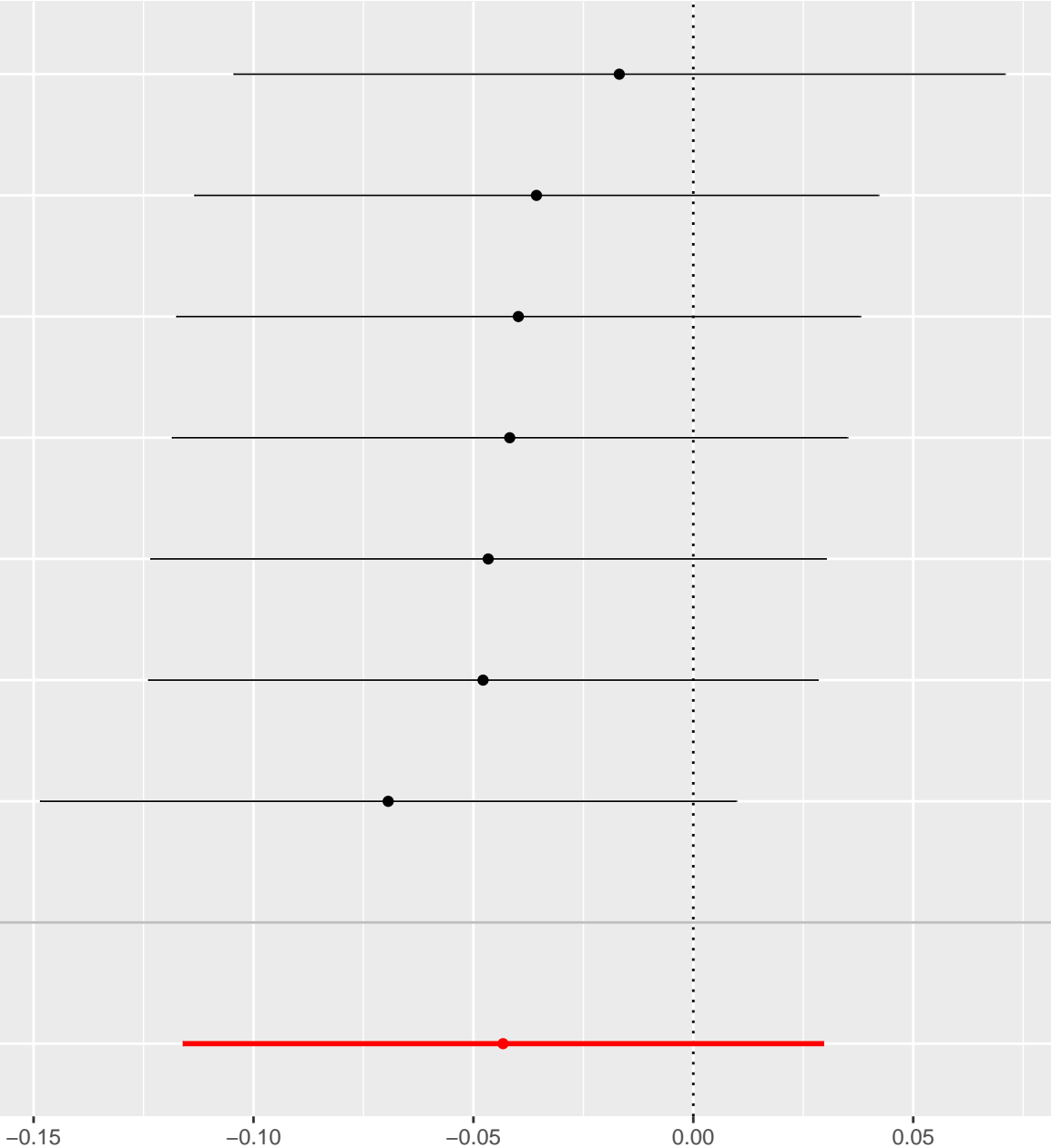
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rs6738627

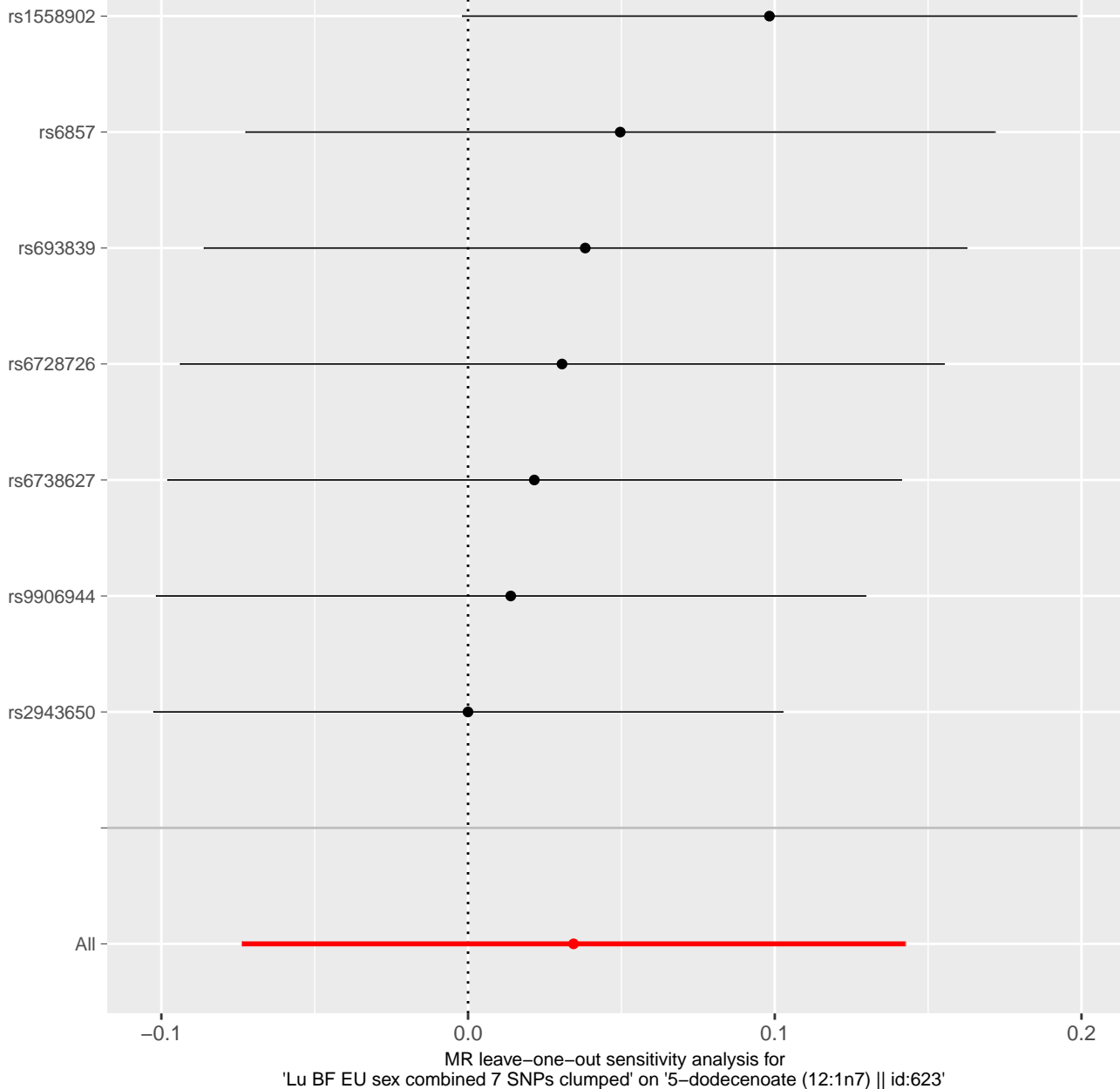
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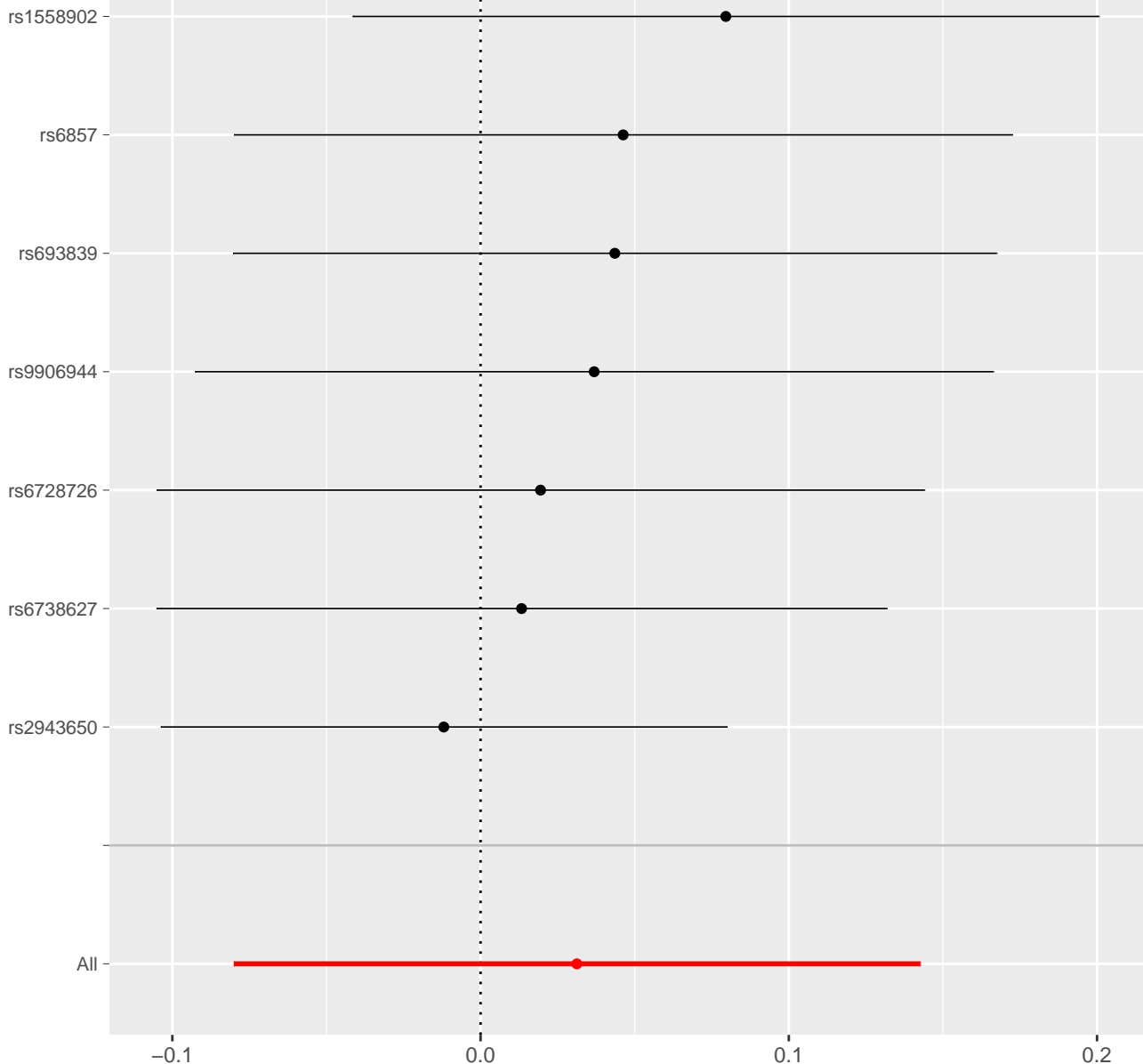
rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-stearoylglycerophosphocholine || id:622'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Stearidonate (18:4n3) || id:624'

rs1558902

rs6857

rs693839

rs6738627

rs6728726

rs9906944

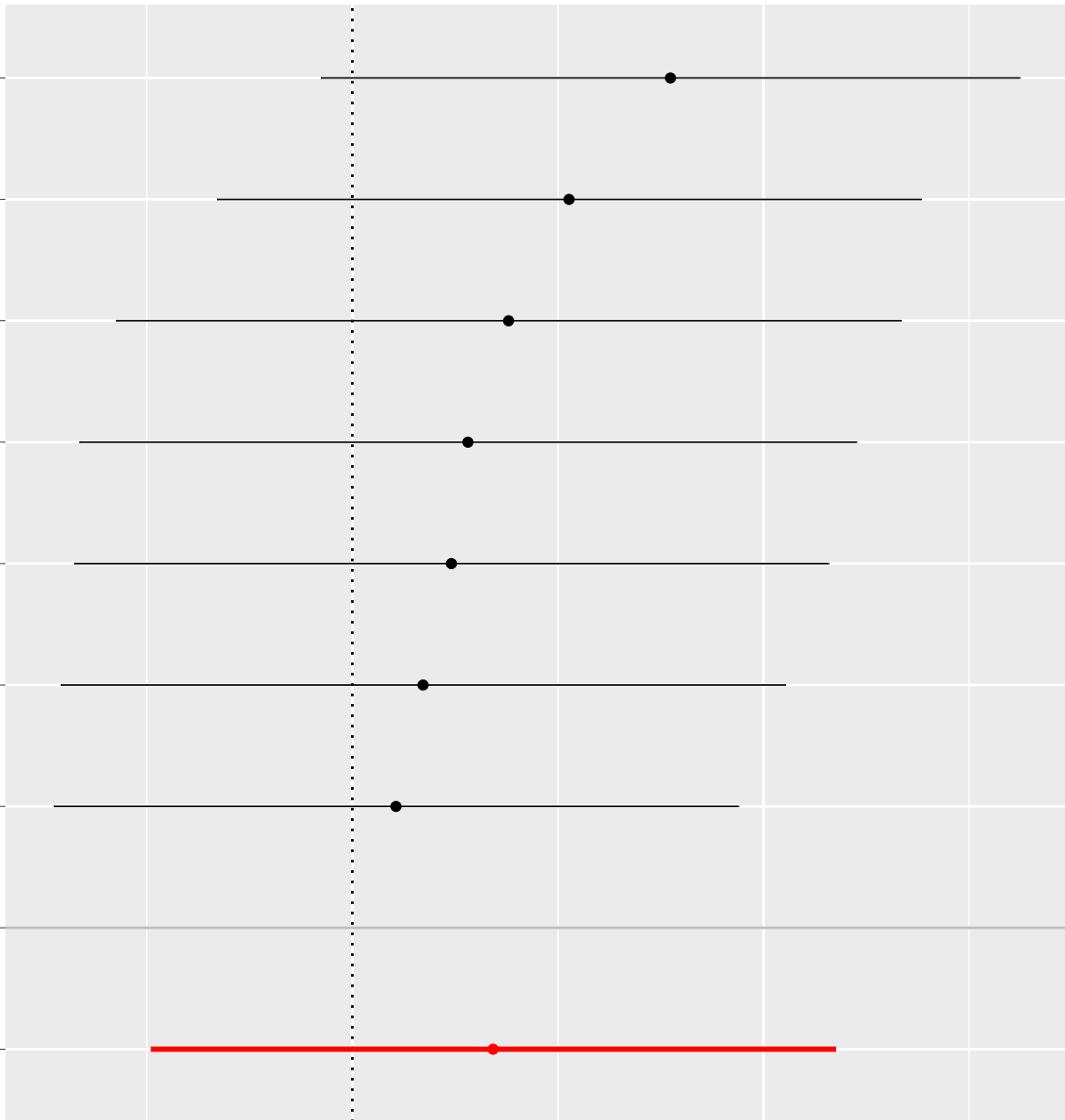
rs2943650

All

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '10-heptadecenoate (17:1n7) || id:625'



rs1558902

rs6857

rs693839

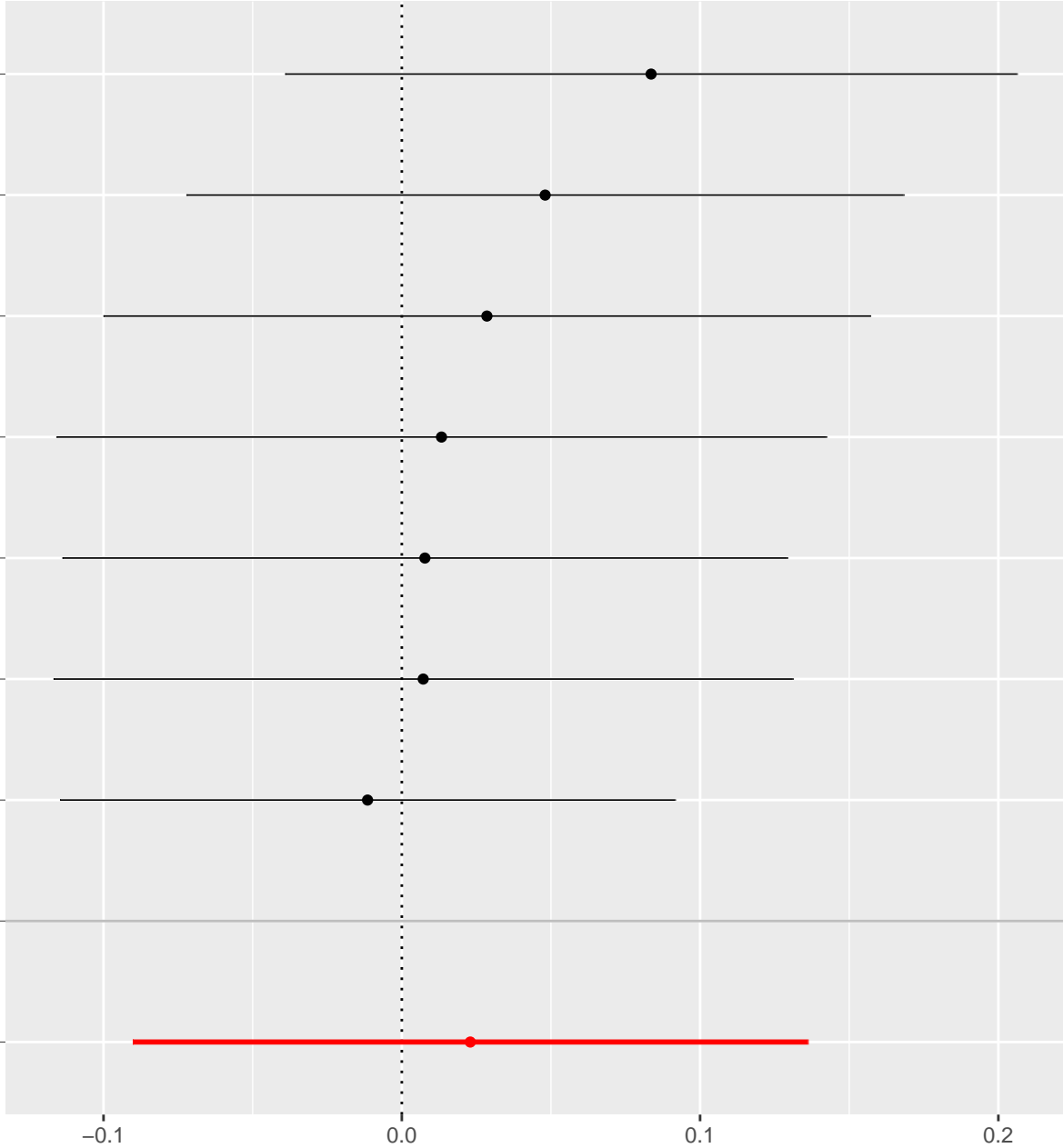
rs6738627

rs6728726

rs9906944

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '10-nonadecenoate (19:1n9) || id:626'

rs1558902

rs6738627

rs6728726

rs9906944

rs6857

rs2943650

rs693839

All

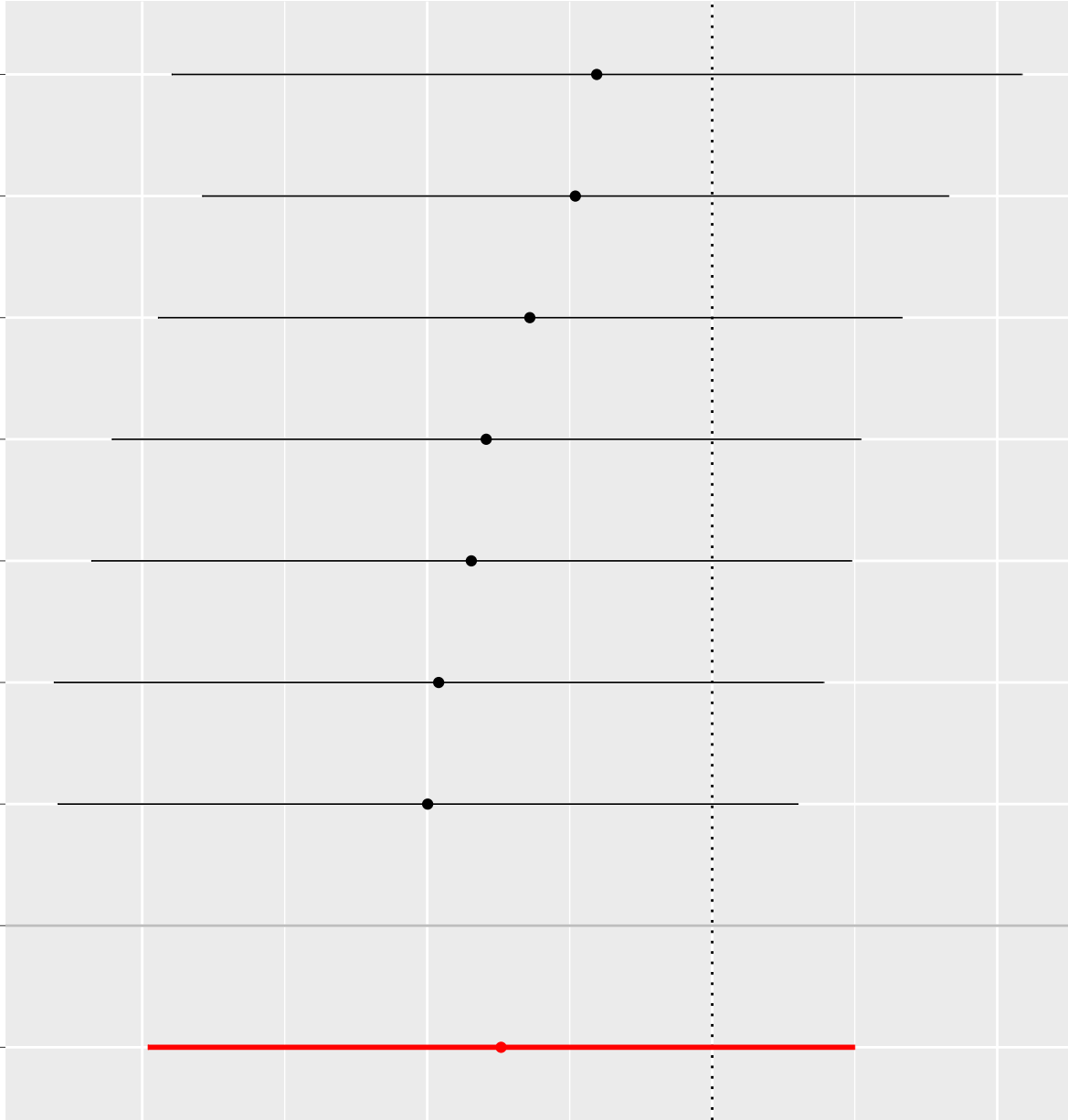
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Epiandrosterone sulfate || id:627'



rs1558902

rs6857

rs6738627

rs2943650

rs9906944

rs693839

rs6728726

All

-0.05

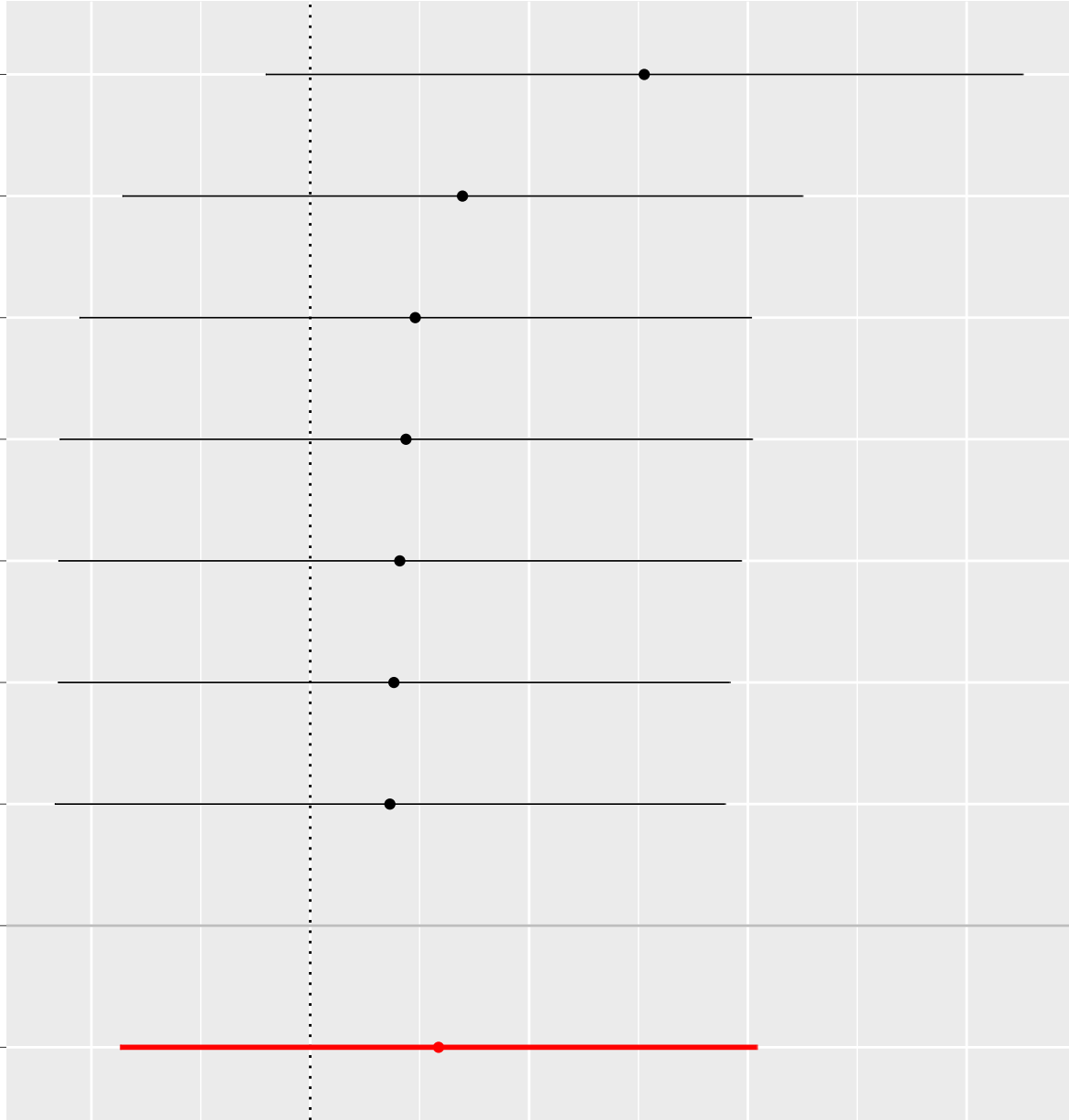
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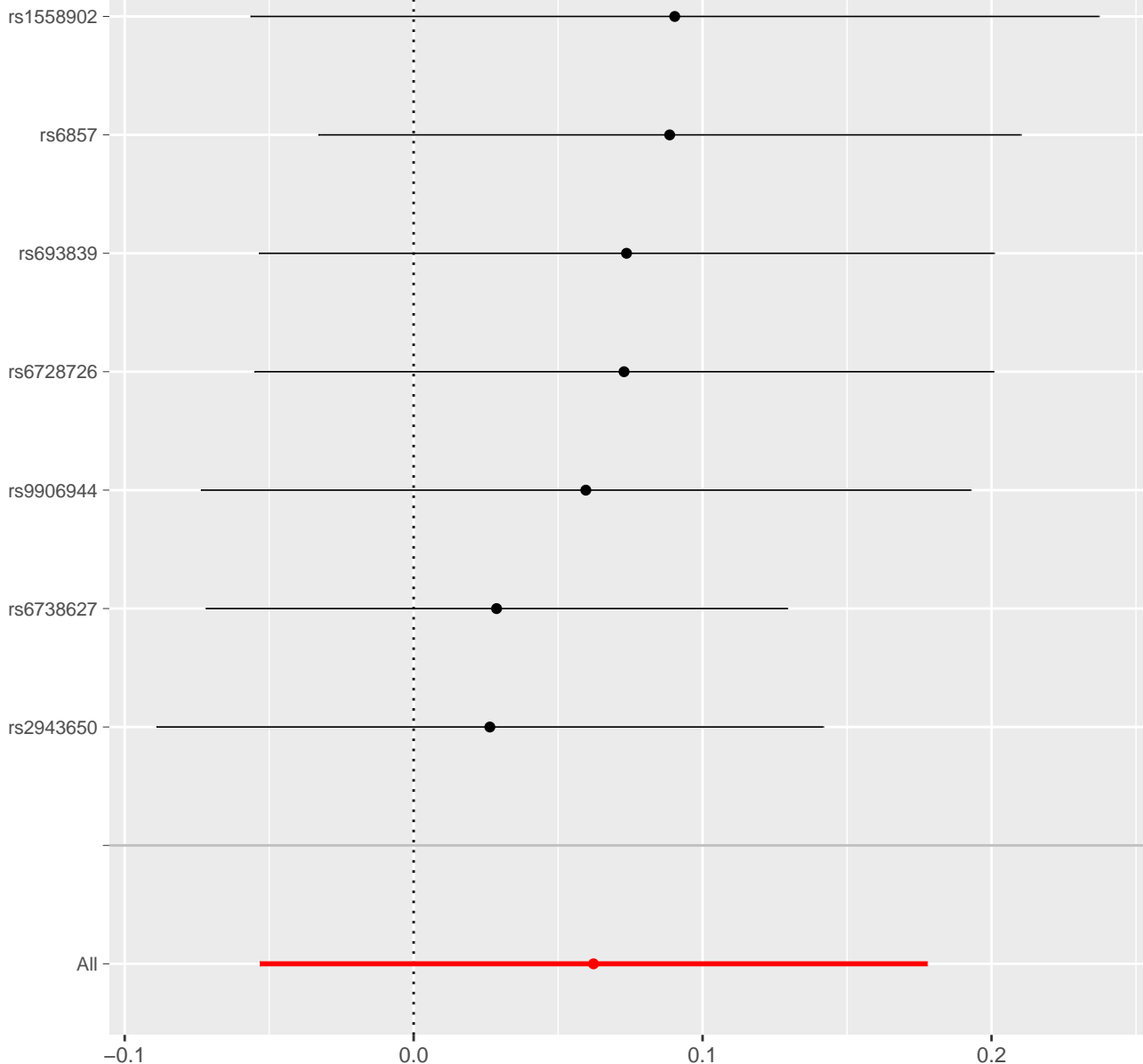
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0.10

0.15

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Linolenate [alpha or gamma; (18:3n3 or 6)] || id:628'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12510—2-aminooctanoic acid || id:629'

rs6728726

rs1558902

rs2943650

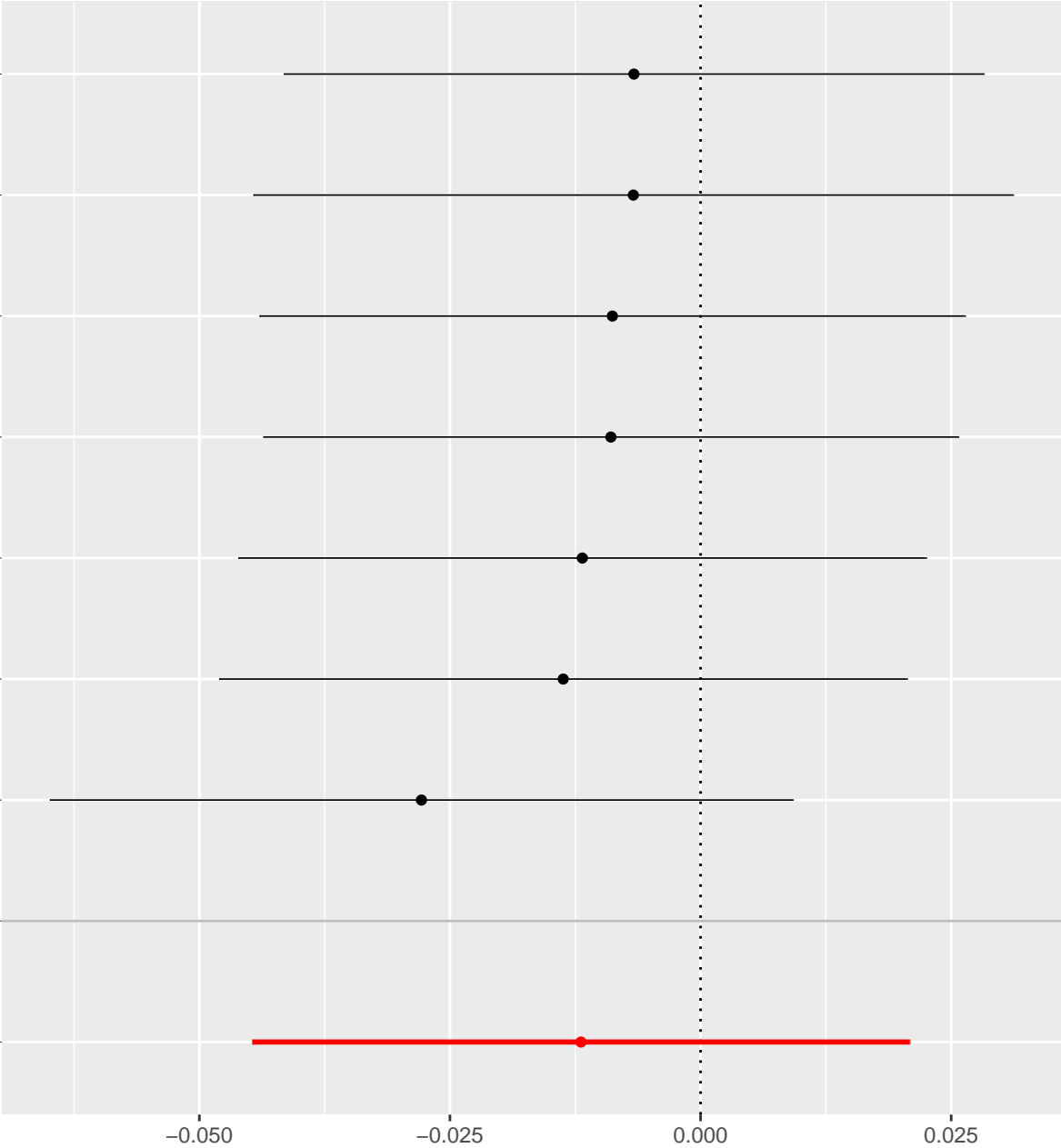
rs9906944

rs693839

rs6738627

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12524 || id:630'

rs1558902

rs6857

rs6738627

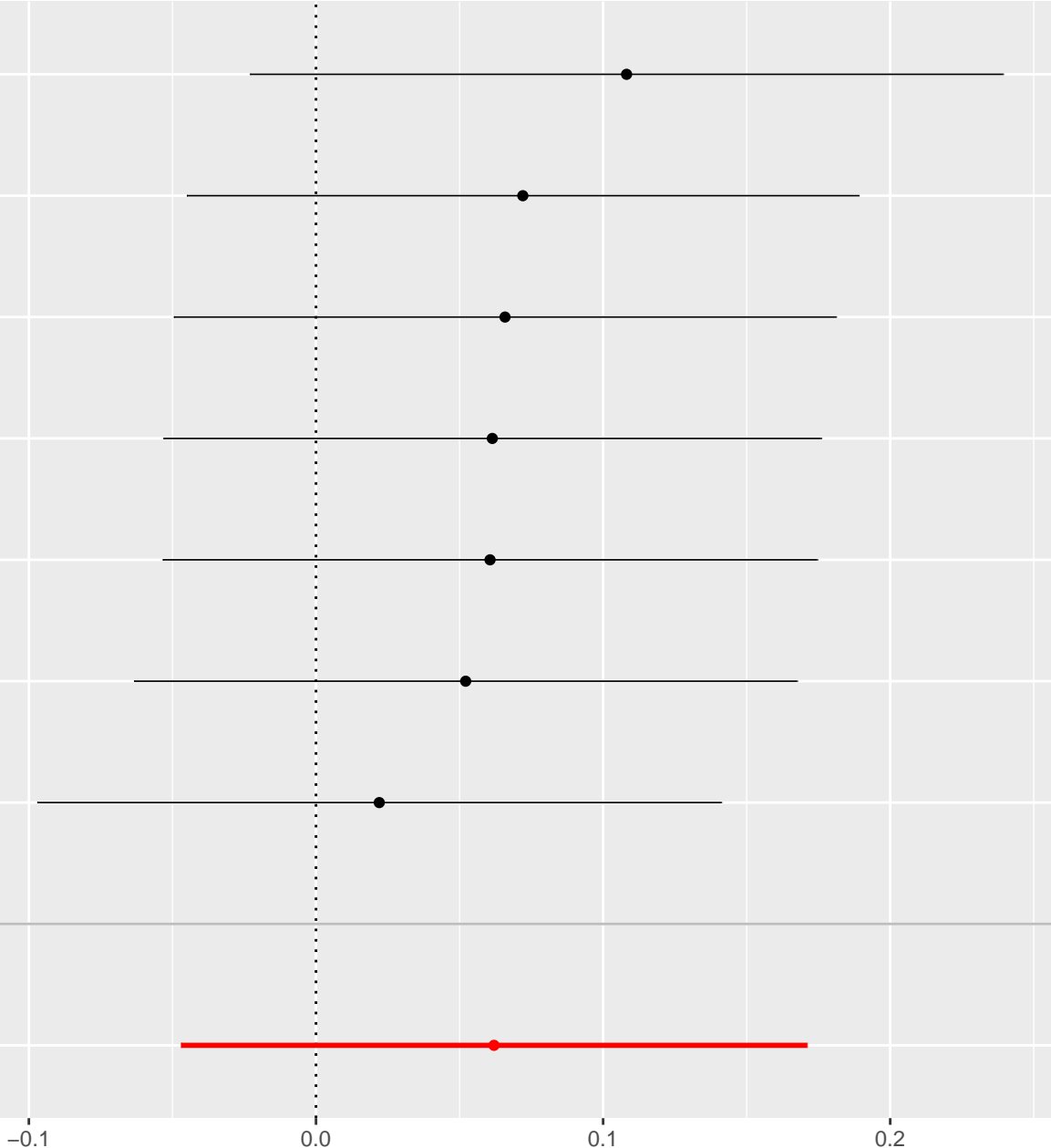
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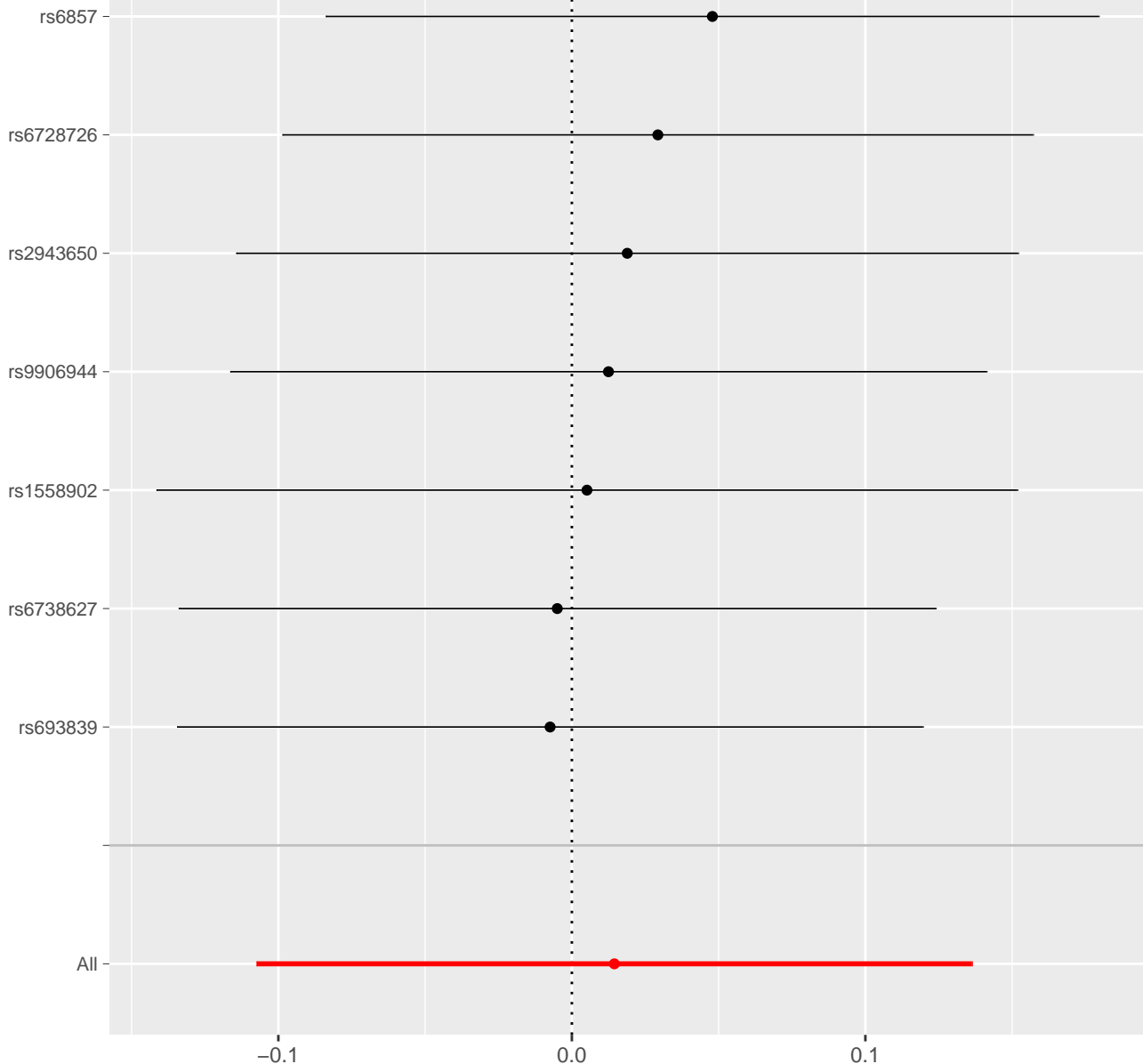
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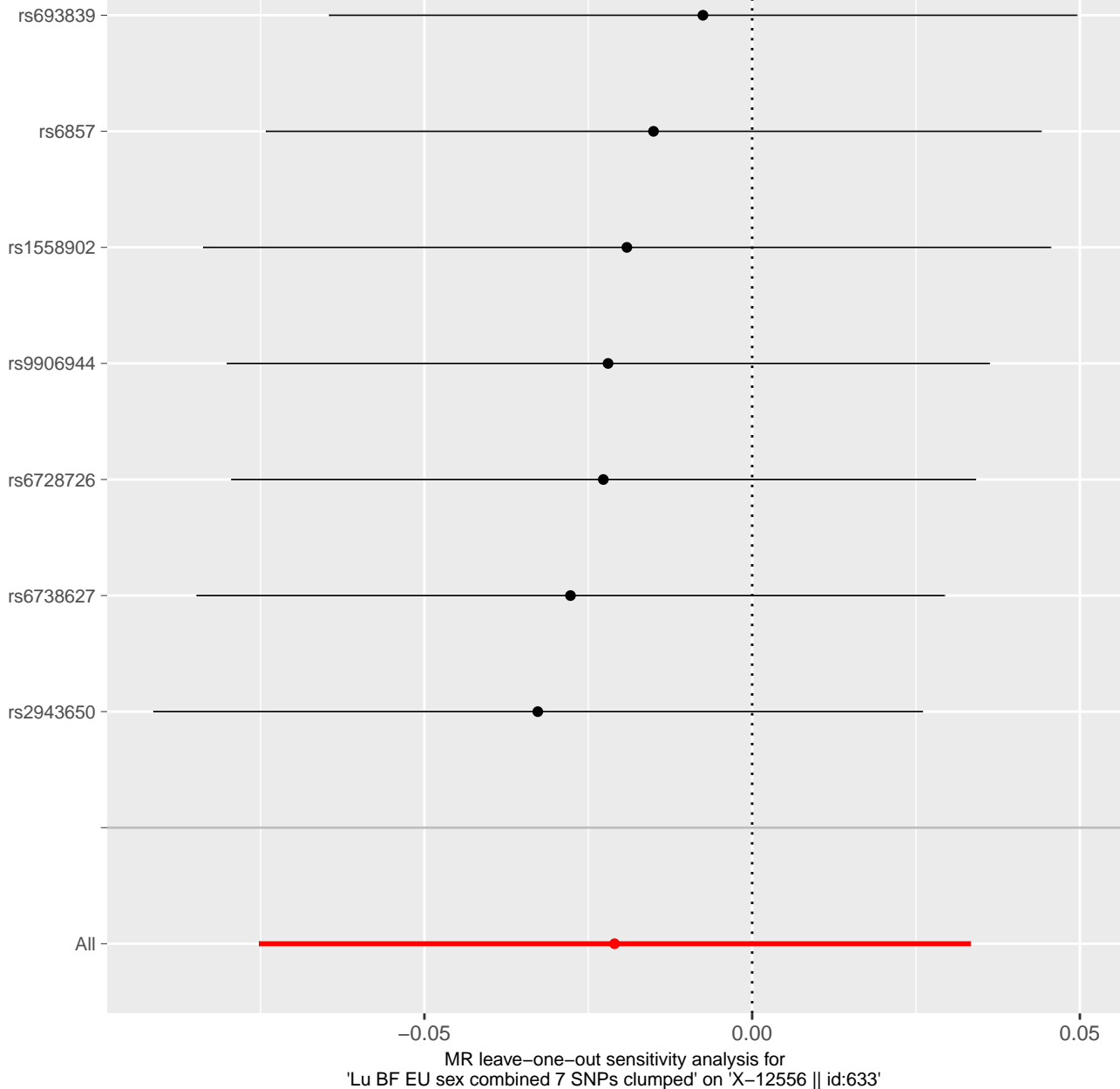
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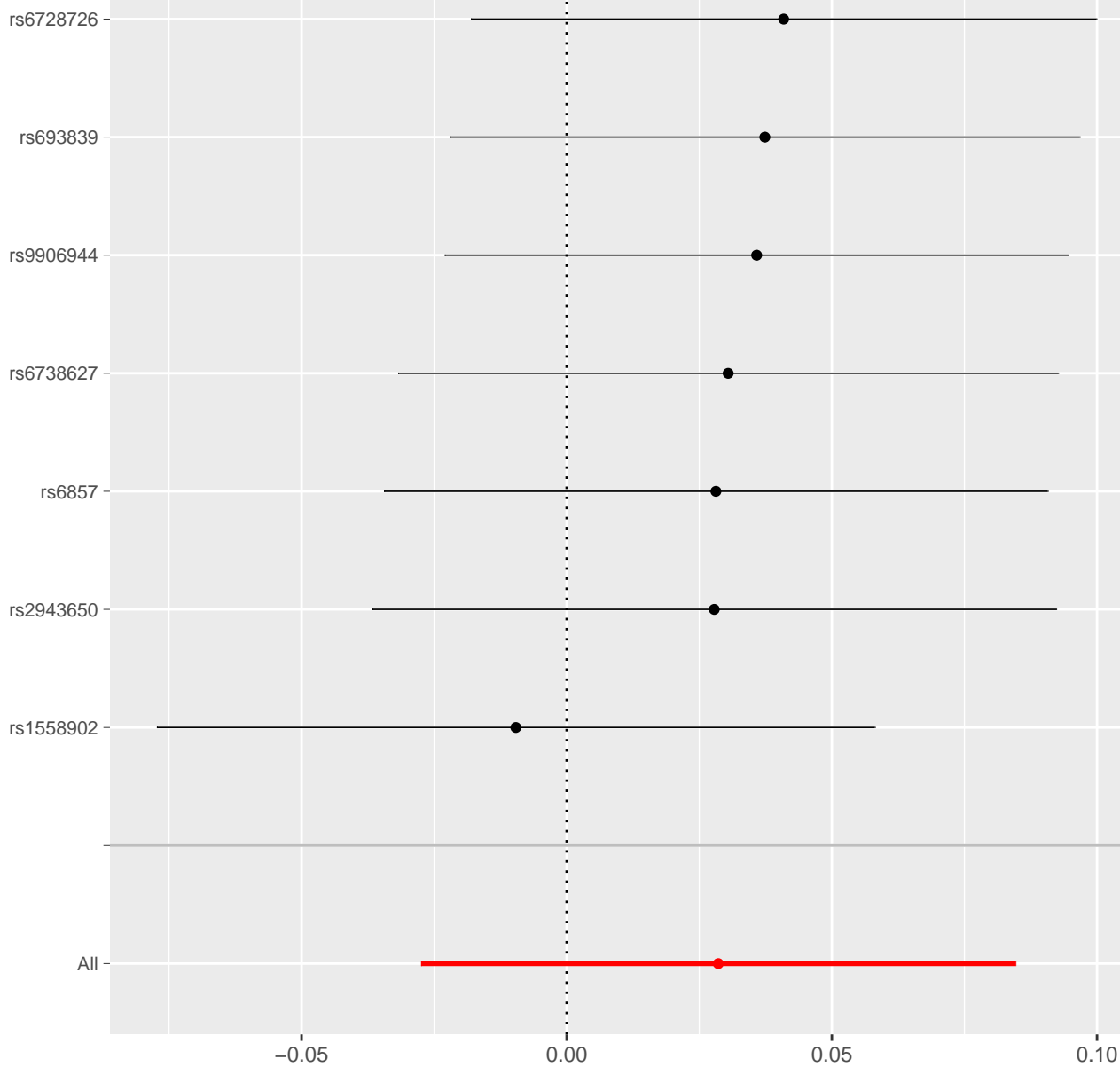
All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Bilirubin (E,Z or Z,E)* || id:631'







MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-arachidonoylglycerophosphoinositol* || id:634'

rs693839

rs9906944

rs6857

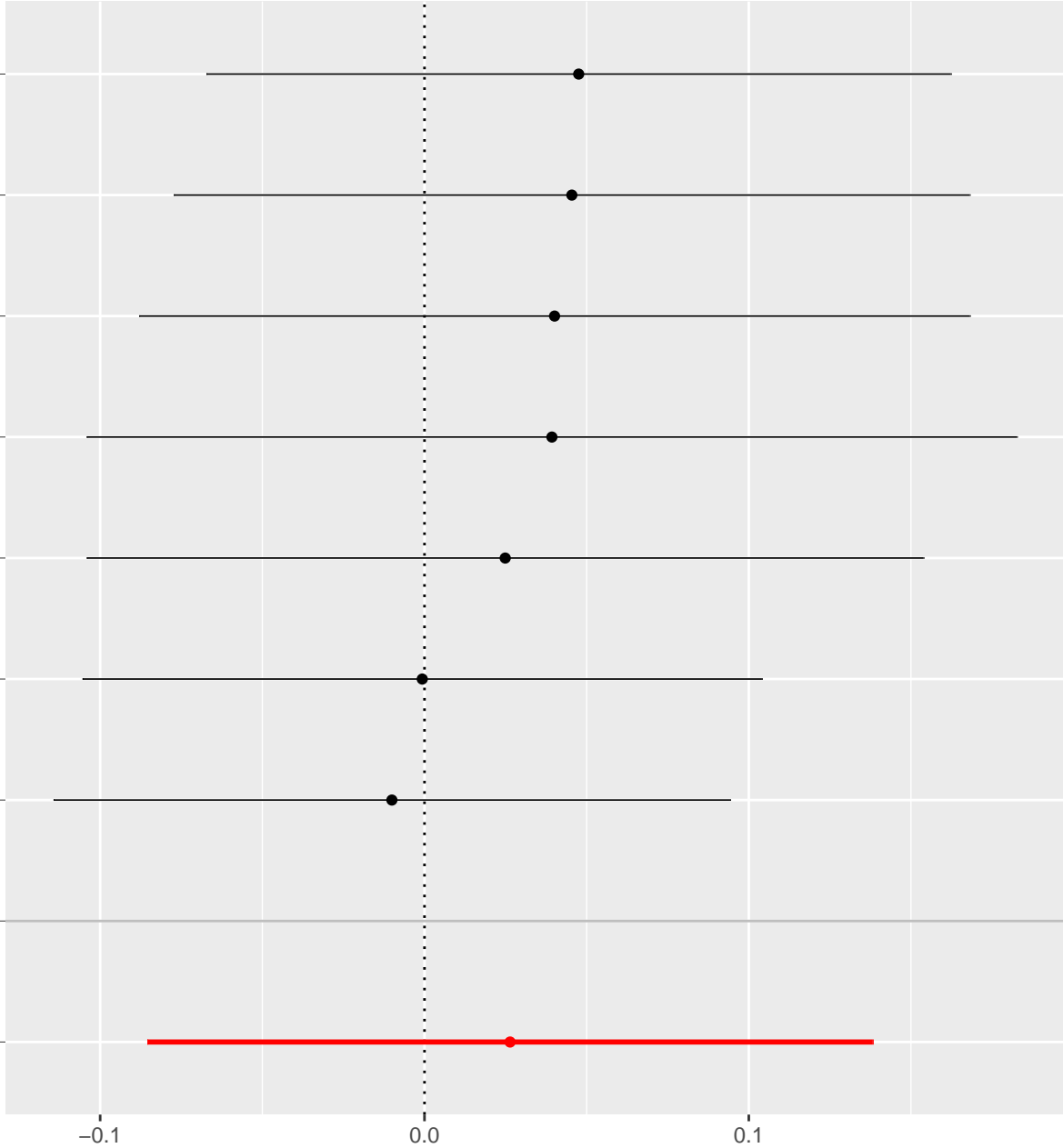
rs1558902

rs6738627

rs6728726

rs2943650

All



MR leave-one-out sensitivity analysis for
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rs6857

rs1558902

rs9906944

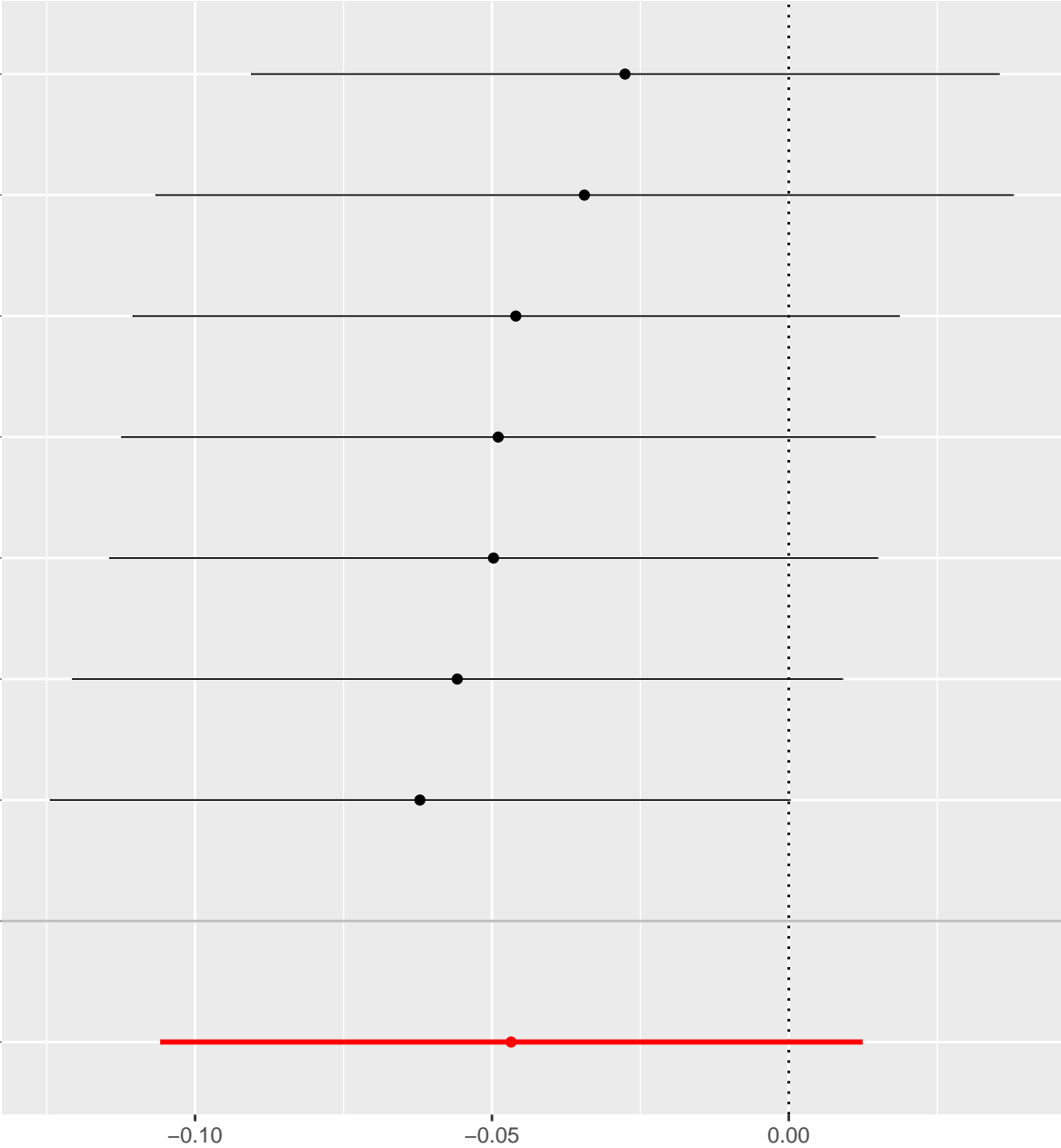
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rs6738627

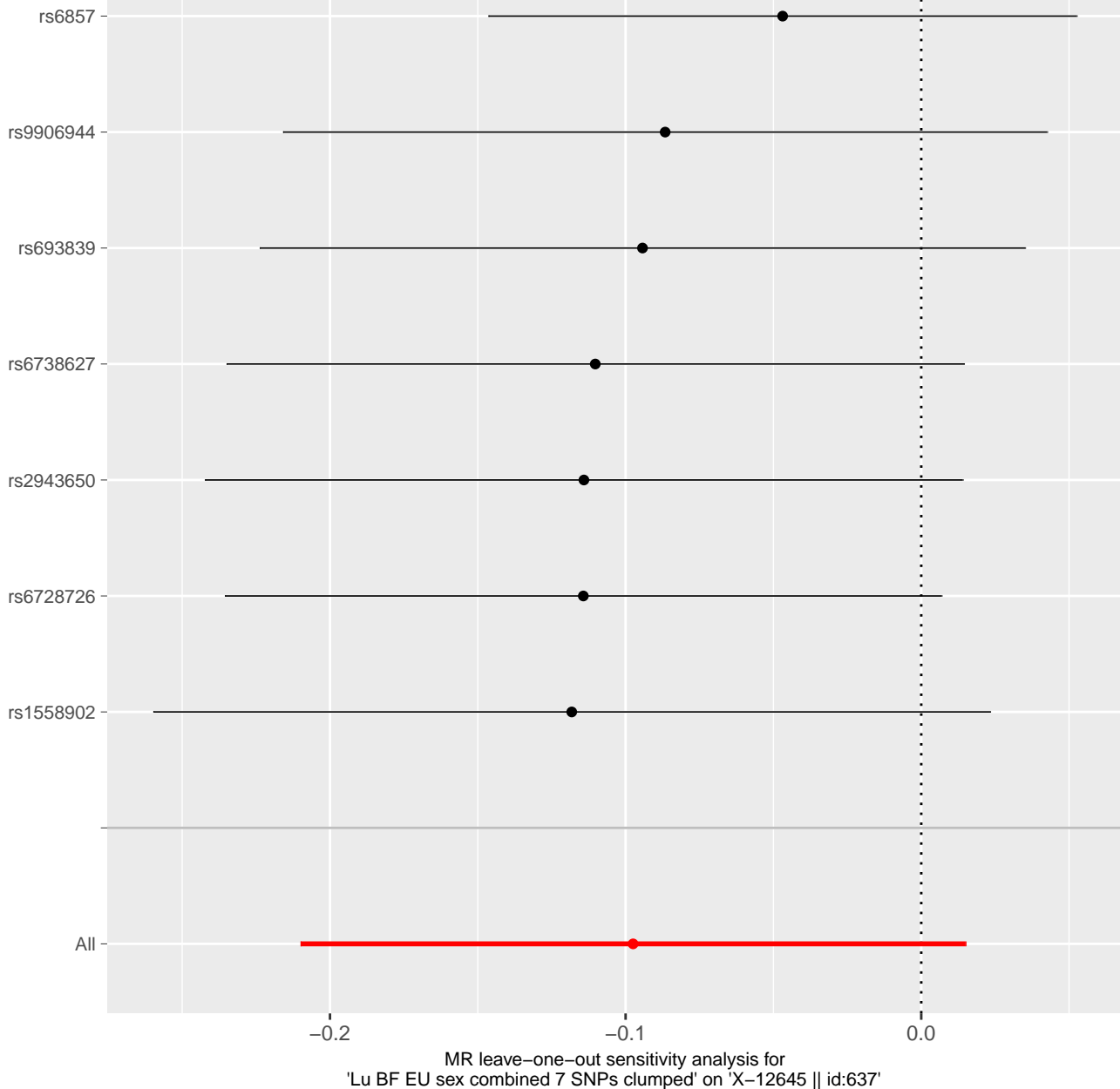
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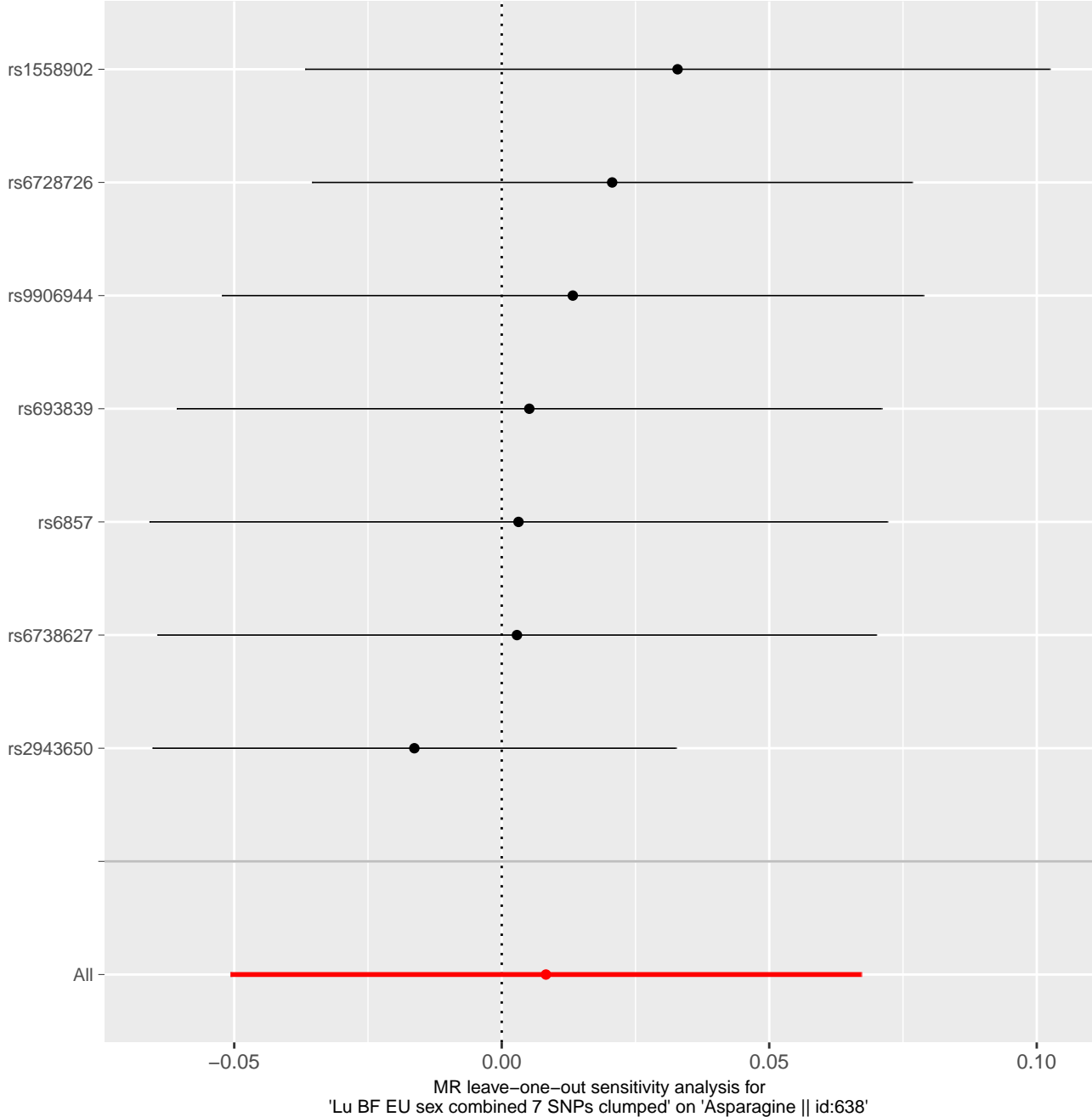
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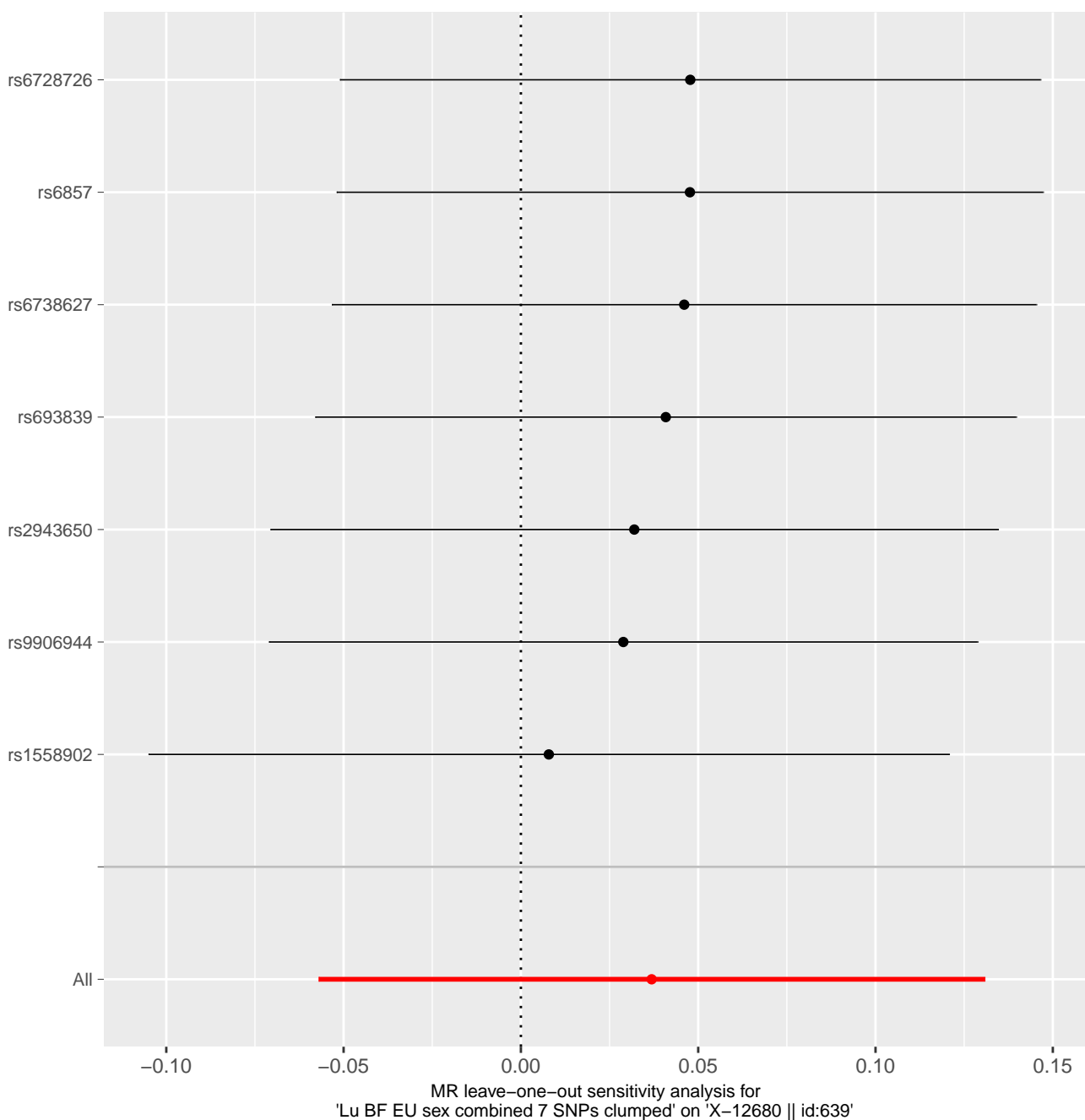
All



MR leave-one-out sensitivity analysis for
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rs6857

rs693839

rs6728726

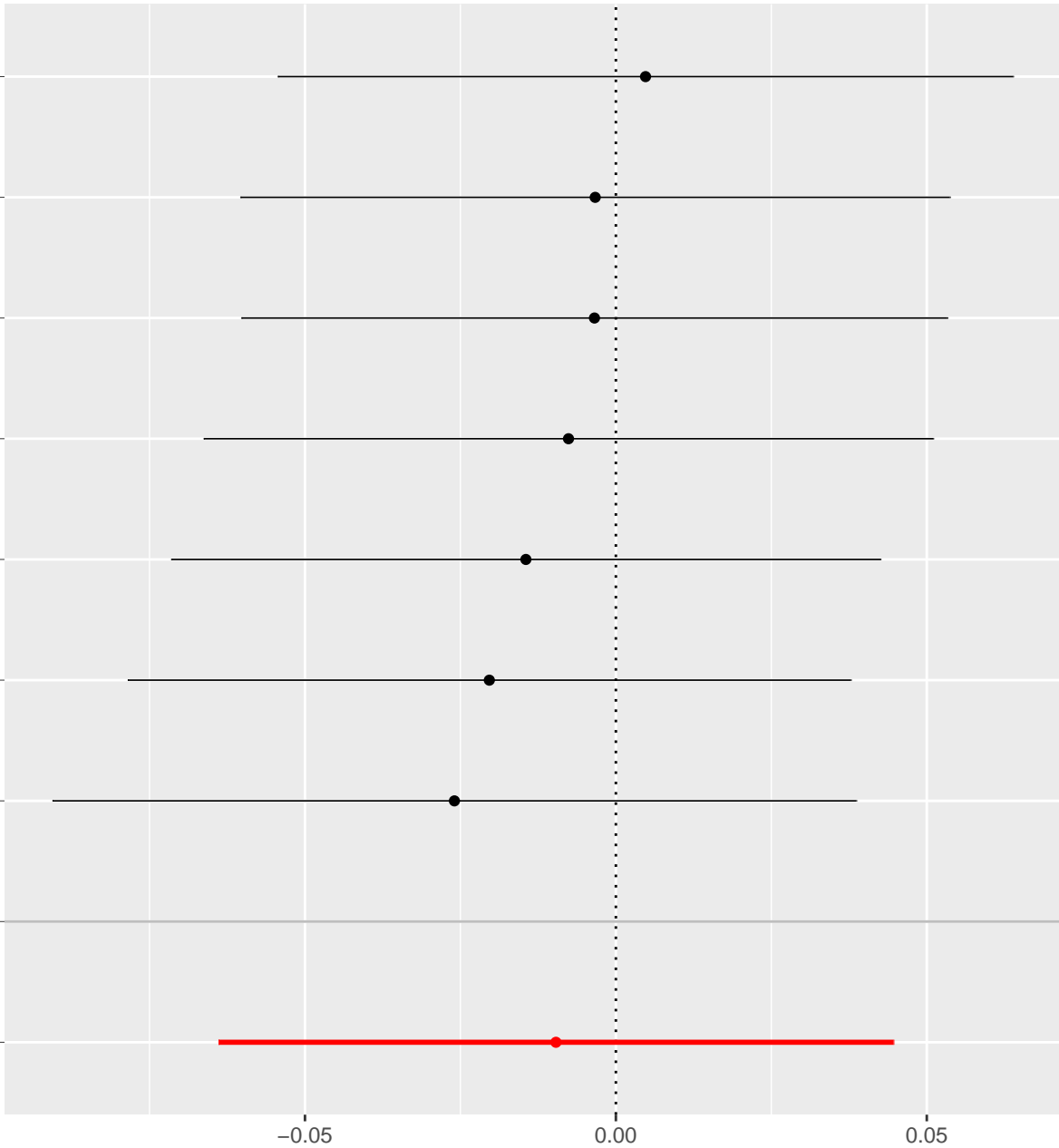
rs2943650

rs6738627

rs9906944

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12696 || id:640'

rs1558902

rs2943650

rs693839

rs9906944

rs6728726

rs6738627

rs6857

All

-0.2

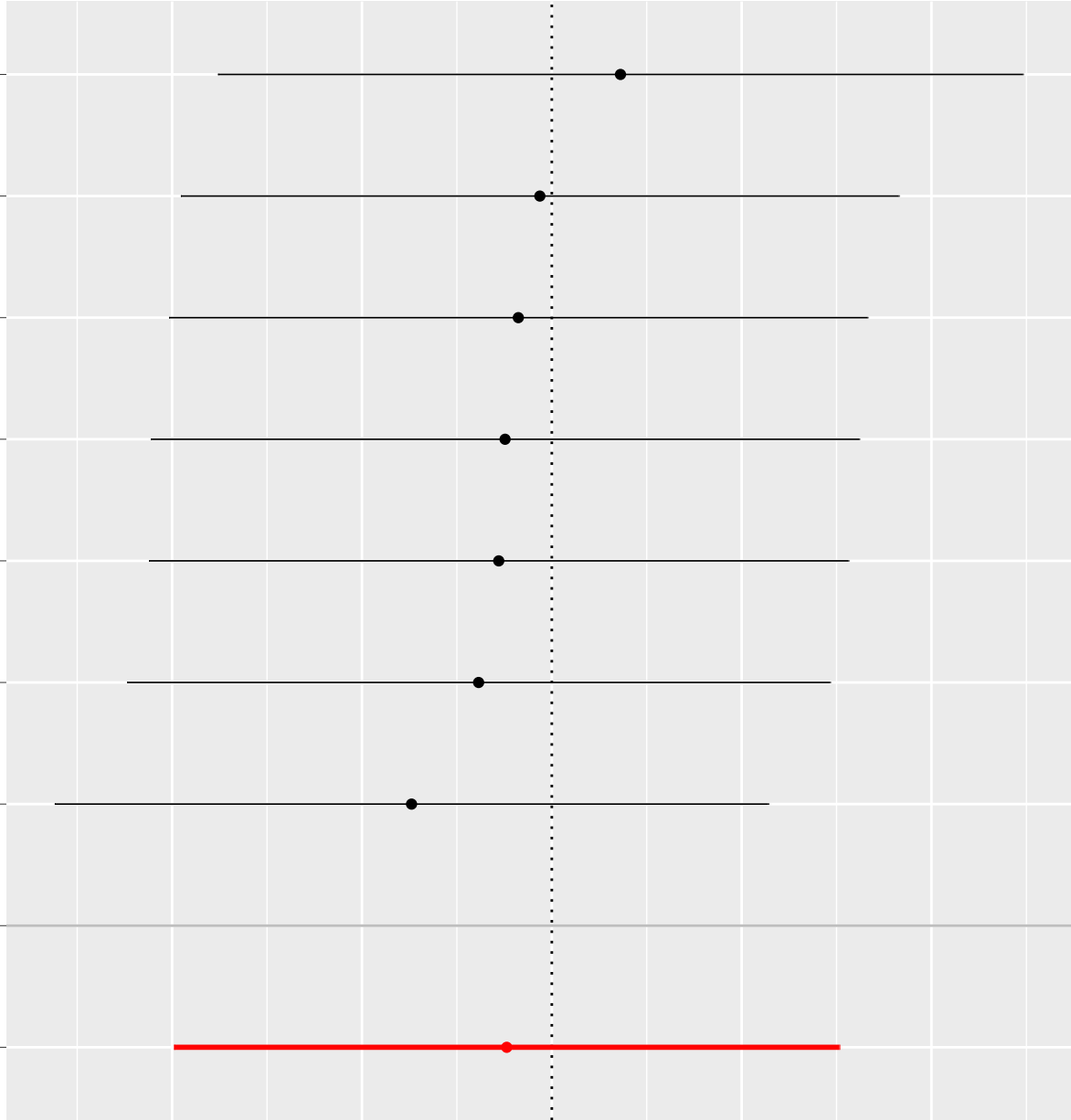
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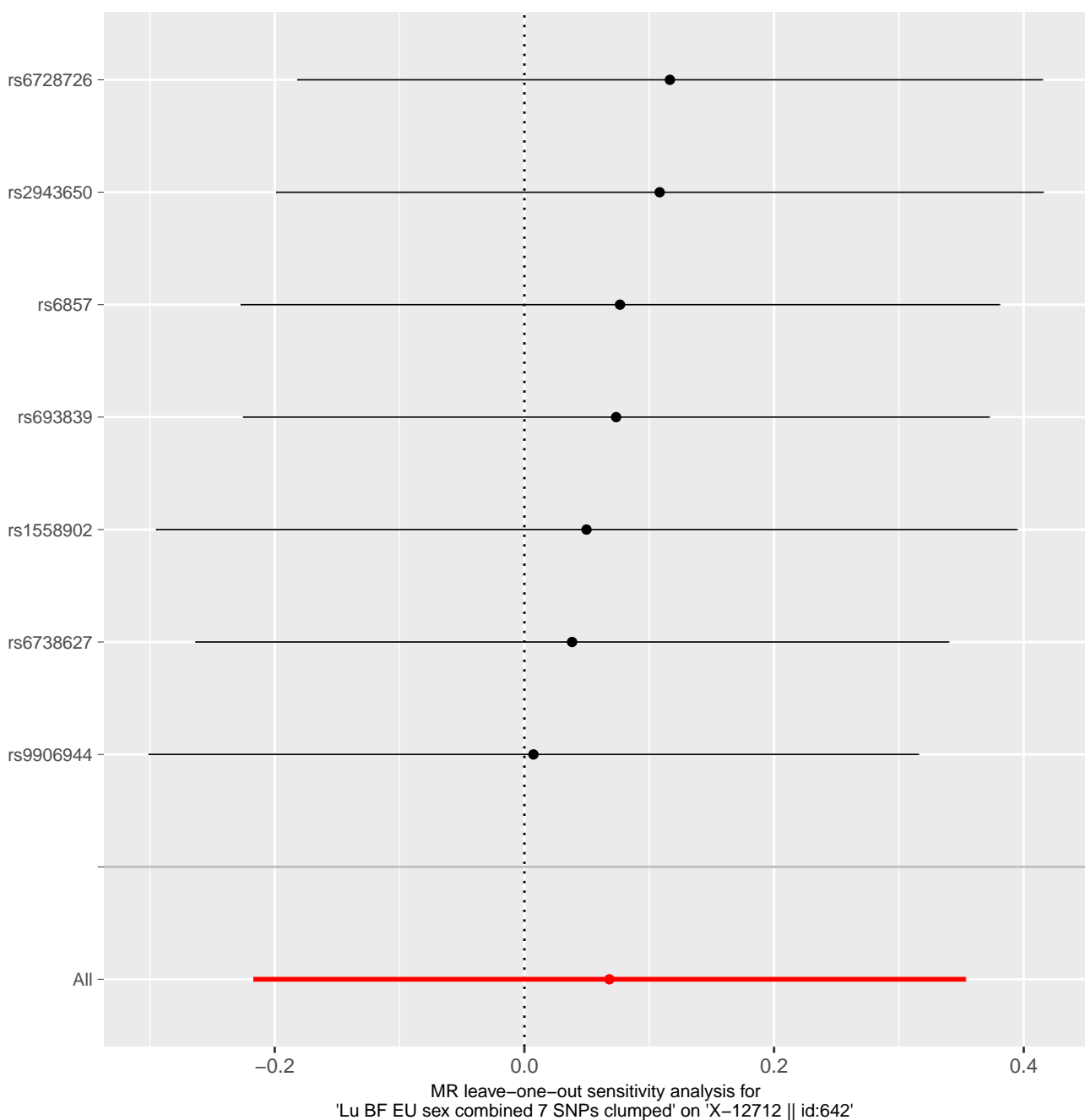
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0.1

0.2

MR leave-one-out sensitivity analysis for
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rs1558902

rs6738627

rs6728726

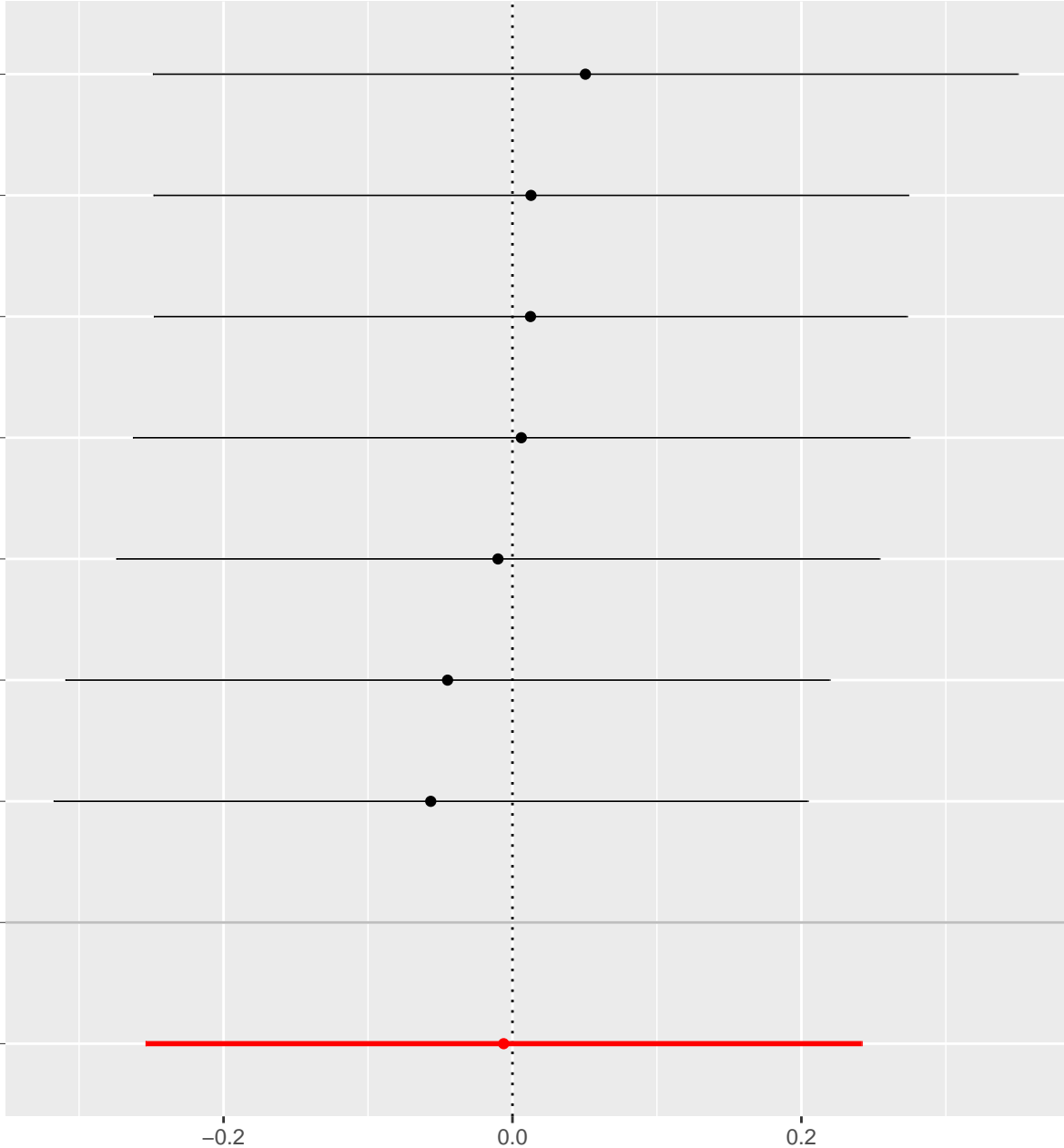
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rs9906944

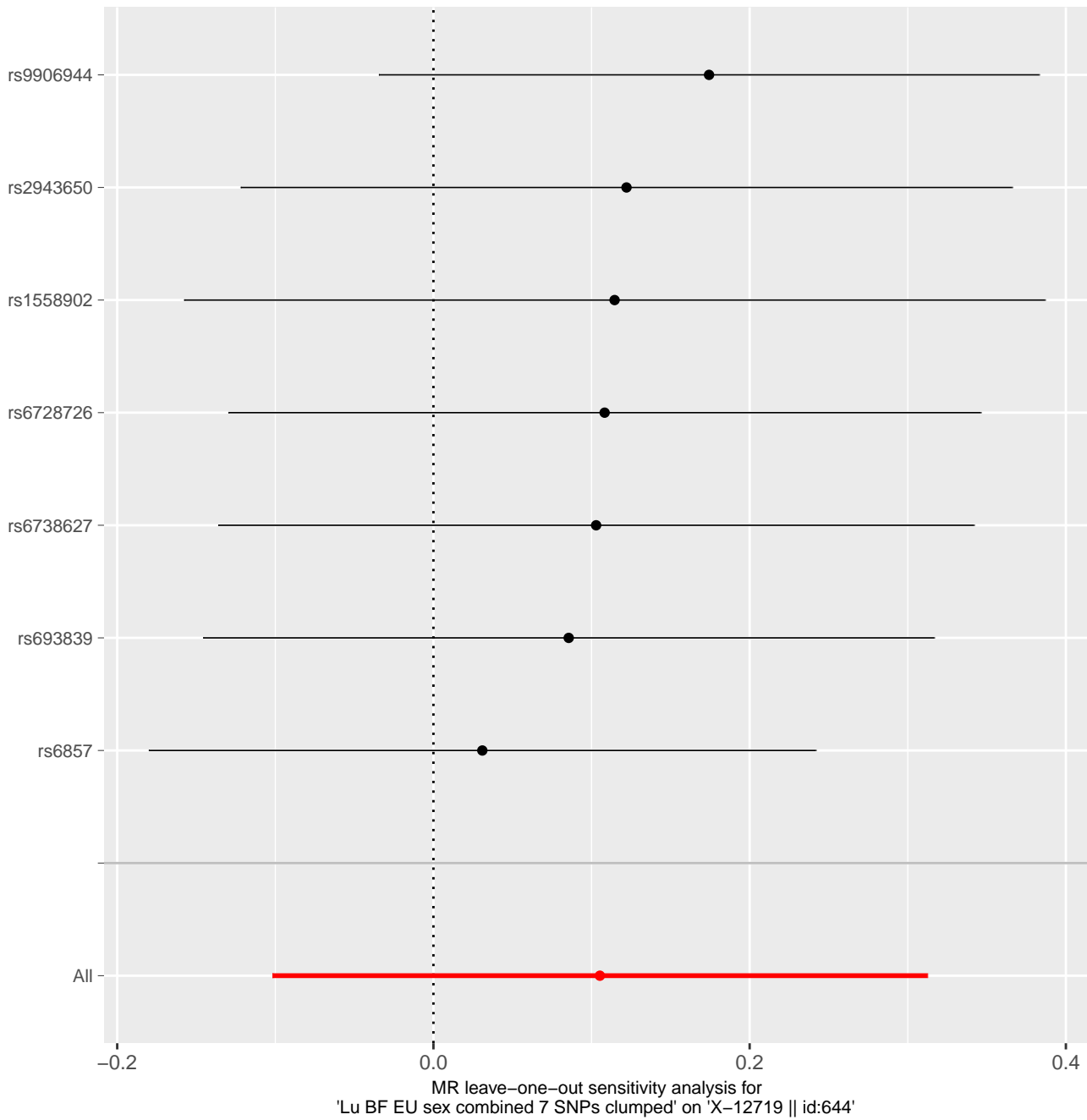
rs6857

rs693839

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12717 || id:643'



rs1558902

rs693839

rs2943650

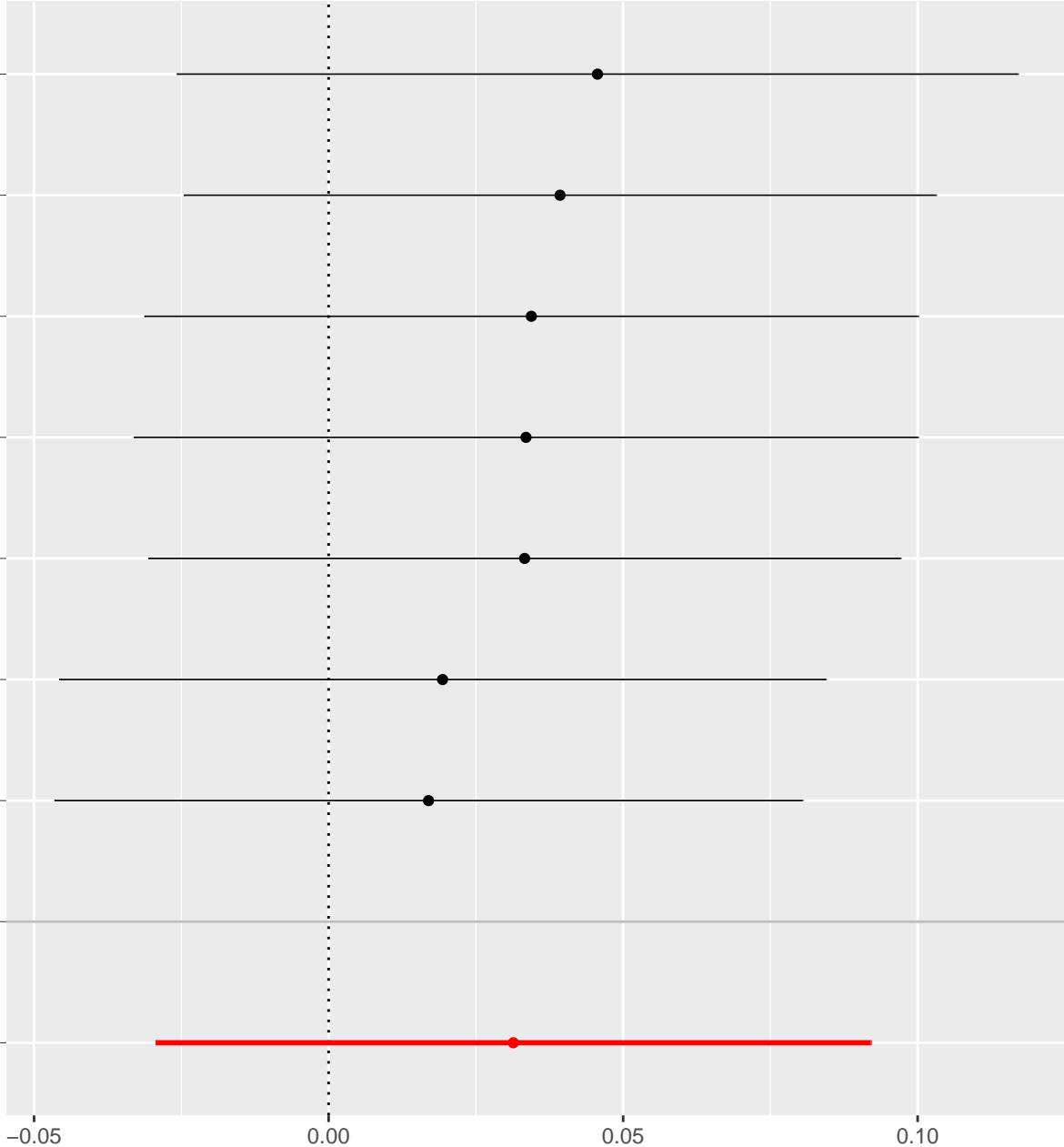
rs6857

rs6738627

rs9906944

rs6728726

All



rs9906944

rs6728726

rs2943650

rs1558902

rs693839

rs6738627

rs6857

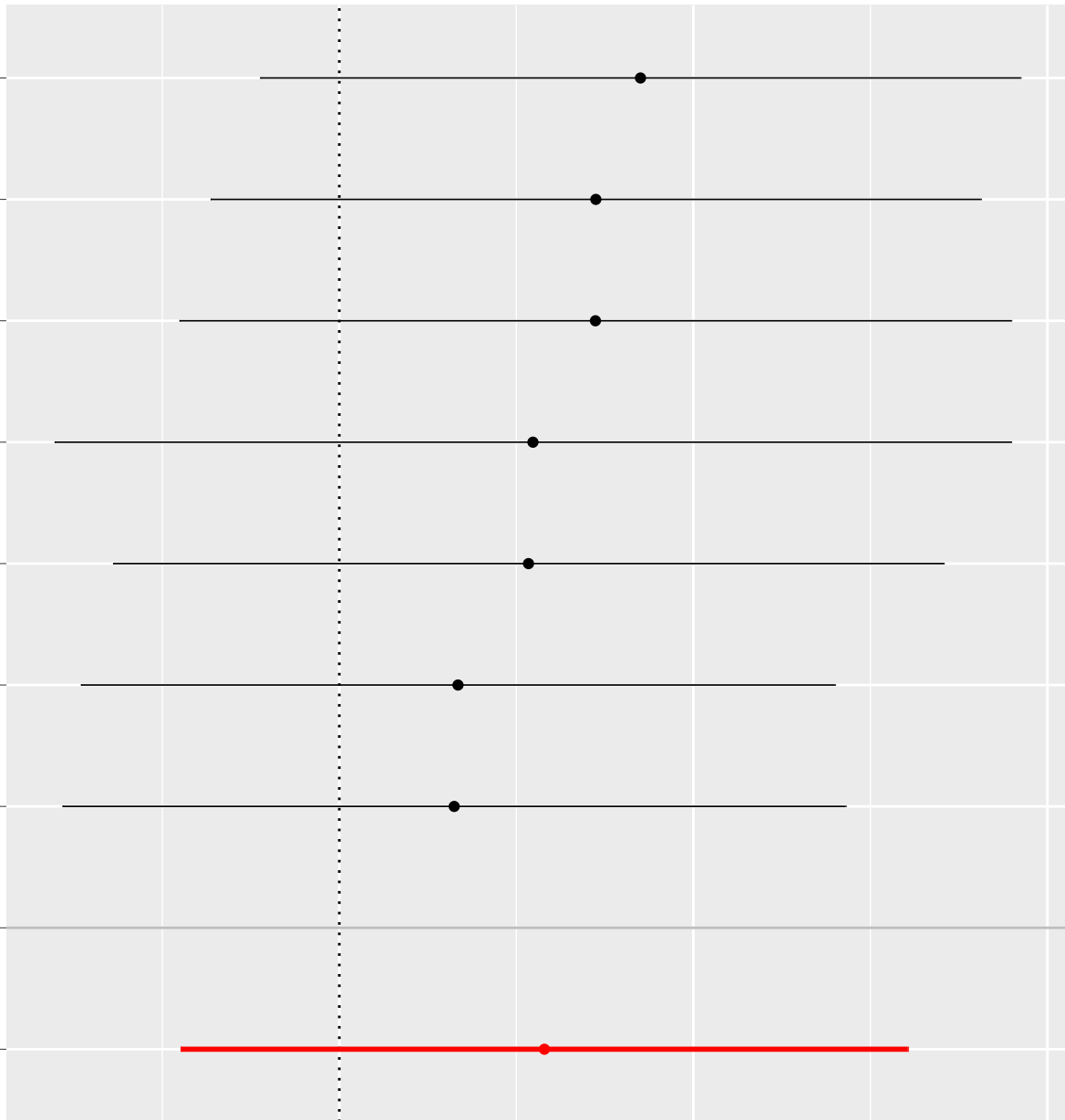
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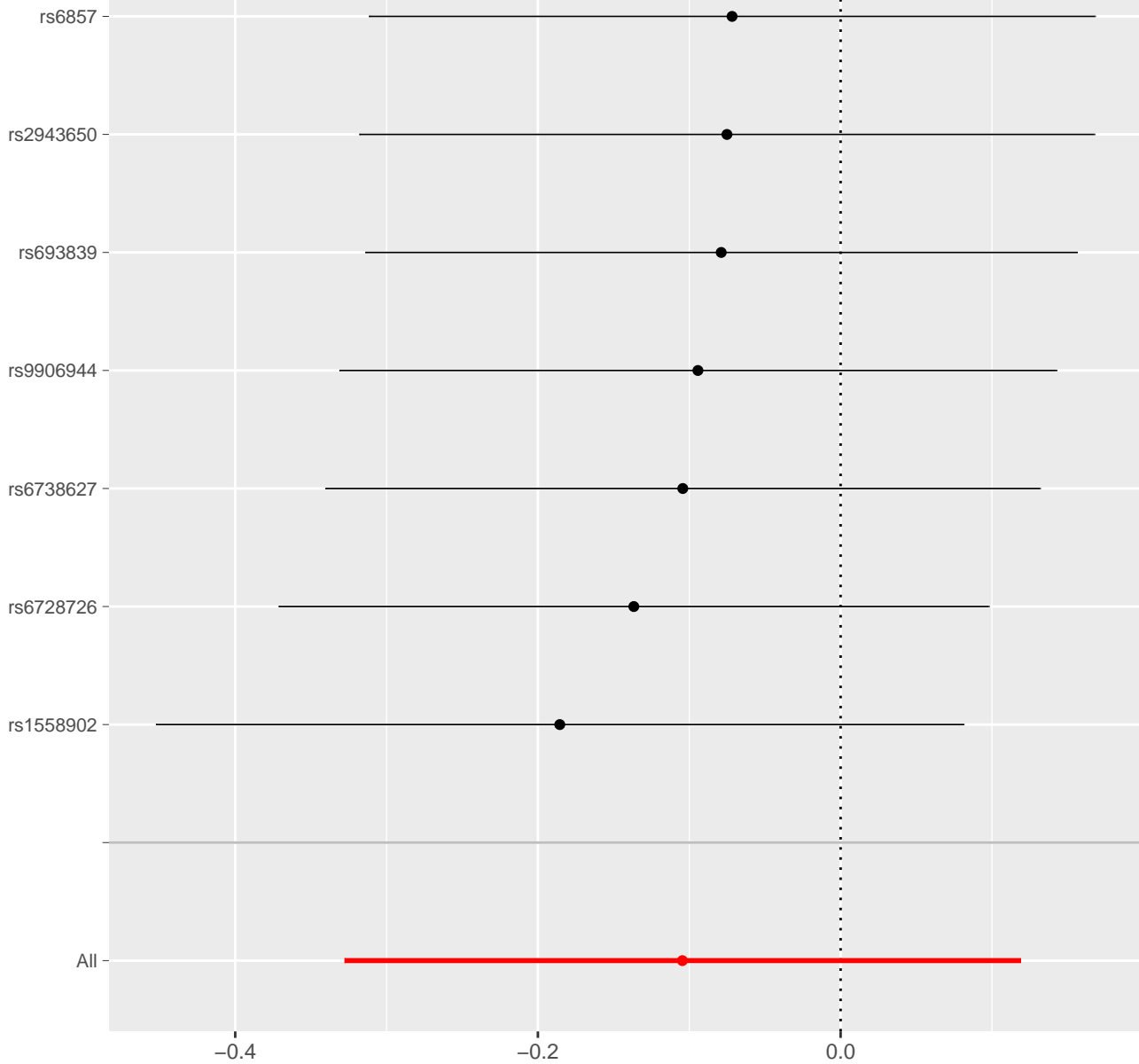
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0.4

0.8

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12728 || id:646'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12729 || id:647'

rs6738627

rs6728726

rs6857

rs693839

rs1558902

rs2943650

rs9906944

All

-0.2

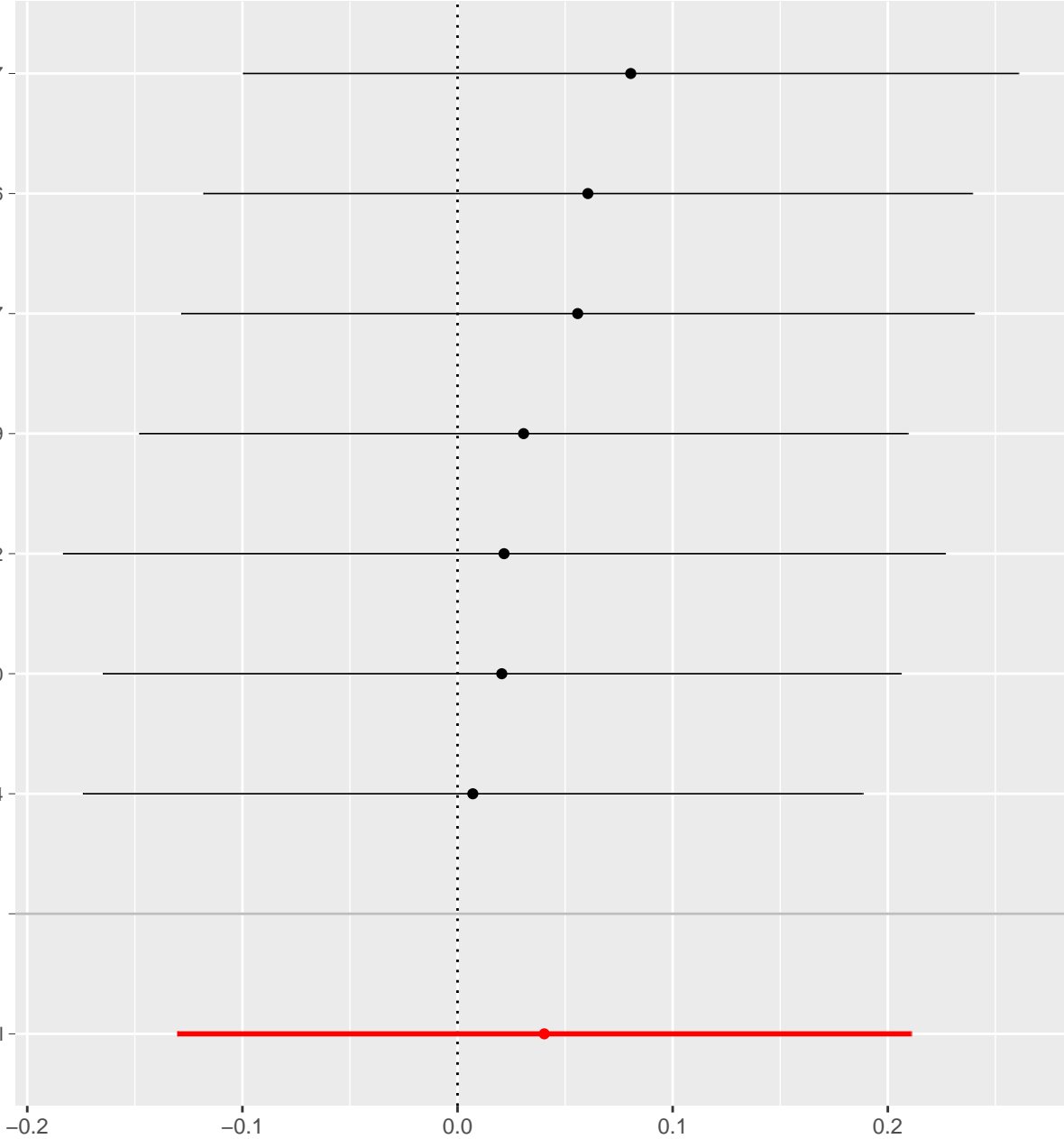
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0.0

0.1

0.2

MR leave-one-out sensitivity analysis for
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rs9906944

rs6728726

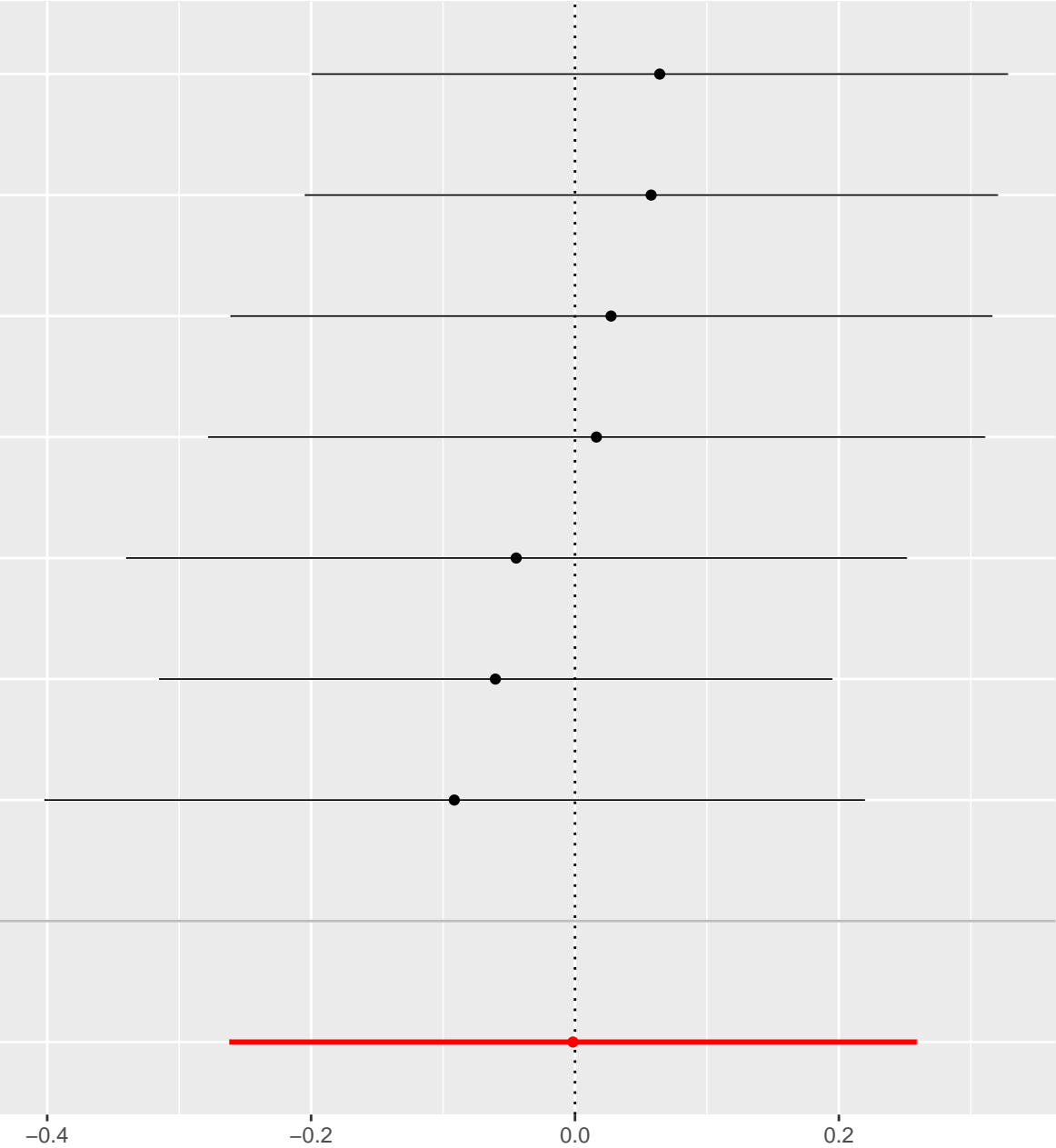
rs693839

rs2943650

rs6738627

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12740 || id:649'

rs1558902

rs9906944

rs693839

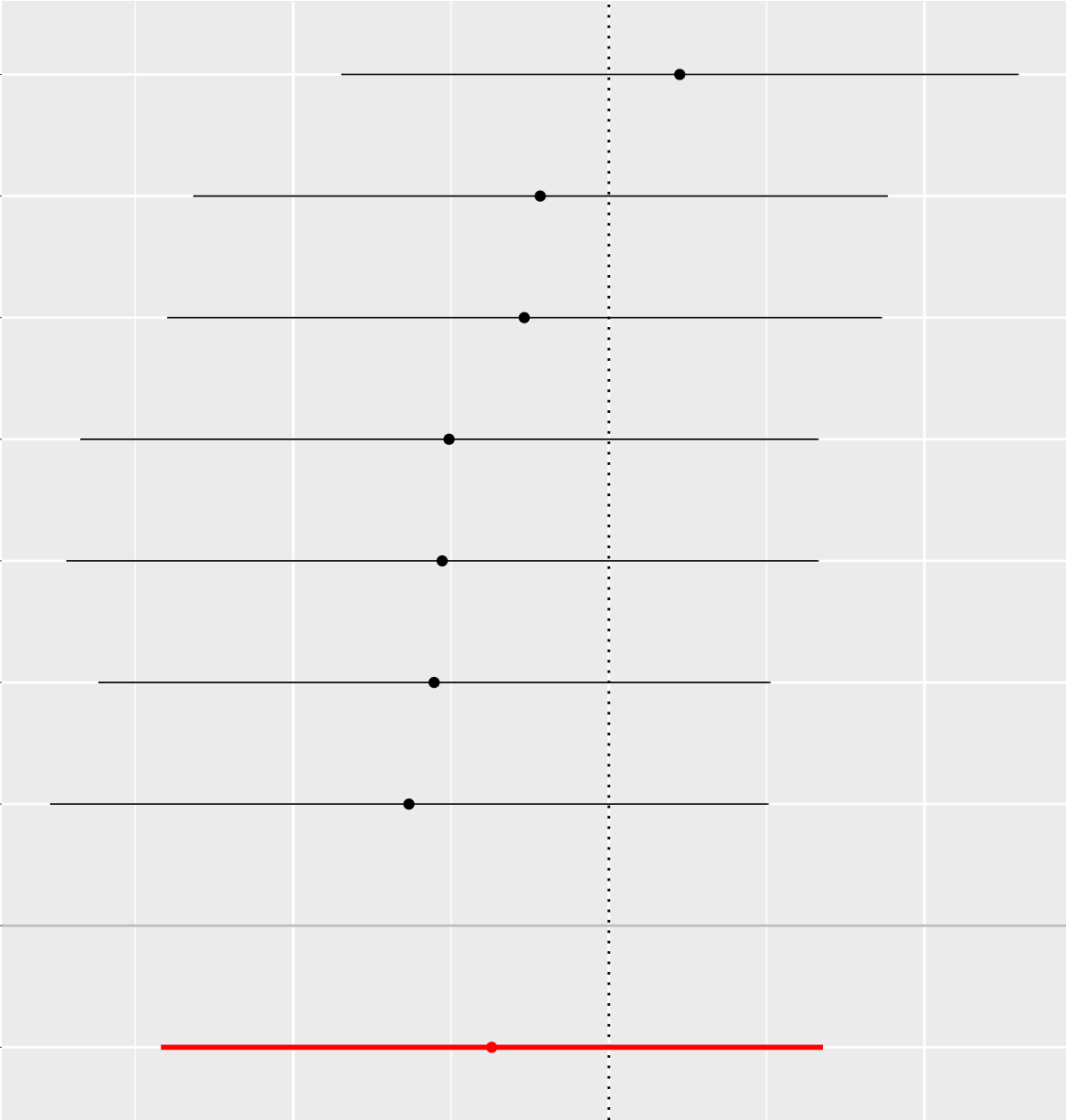
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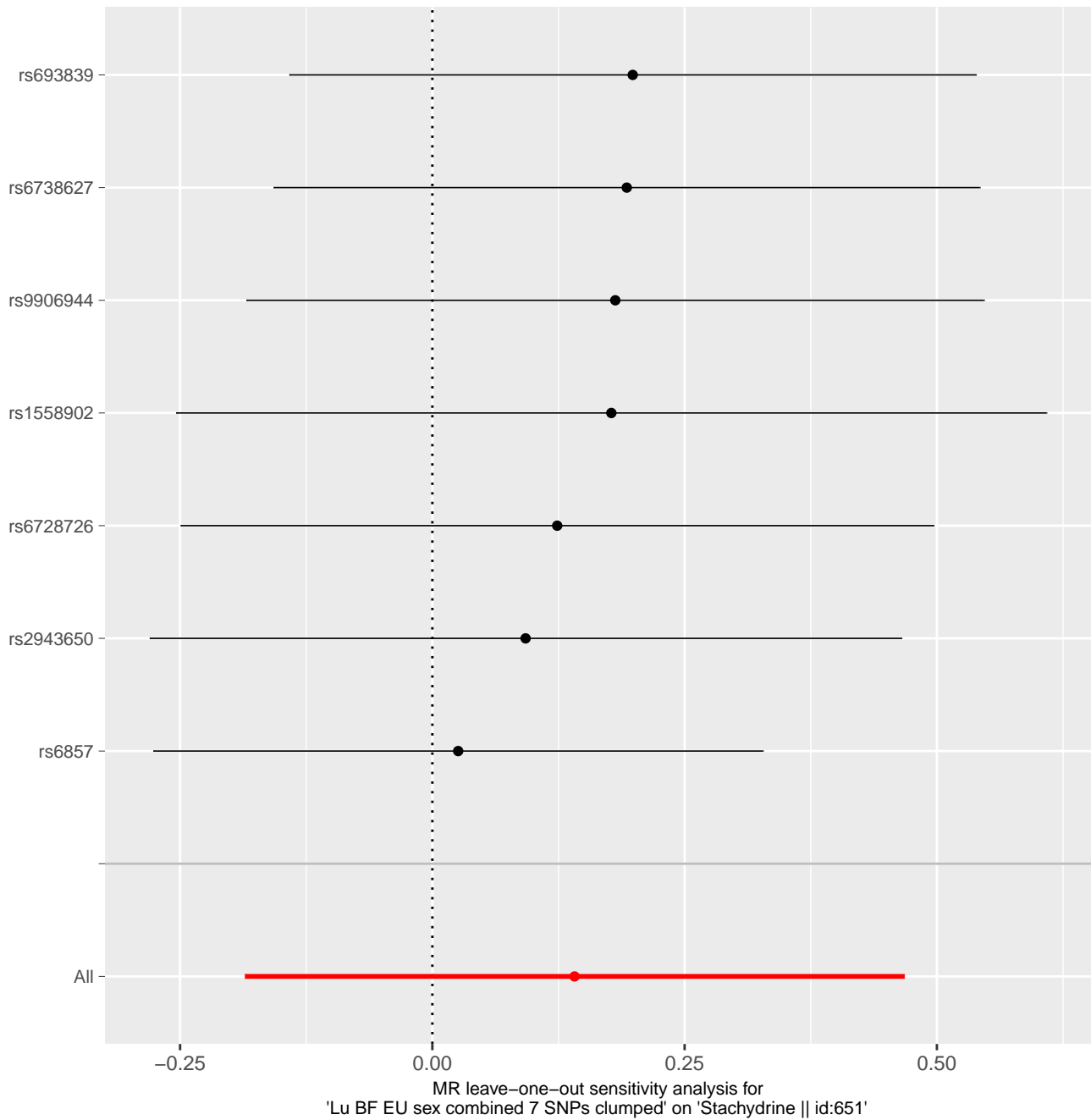
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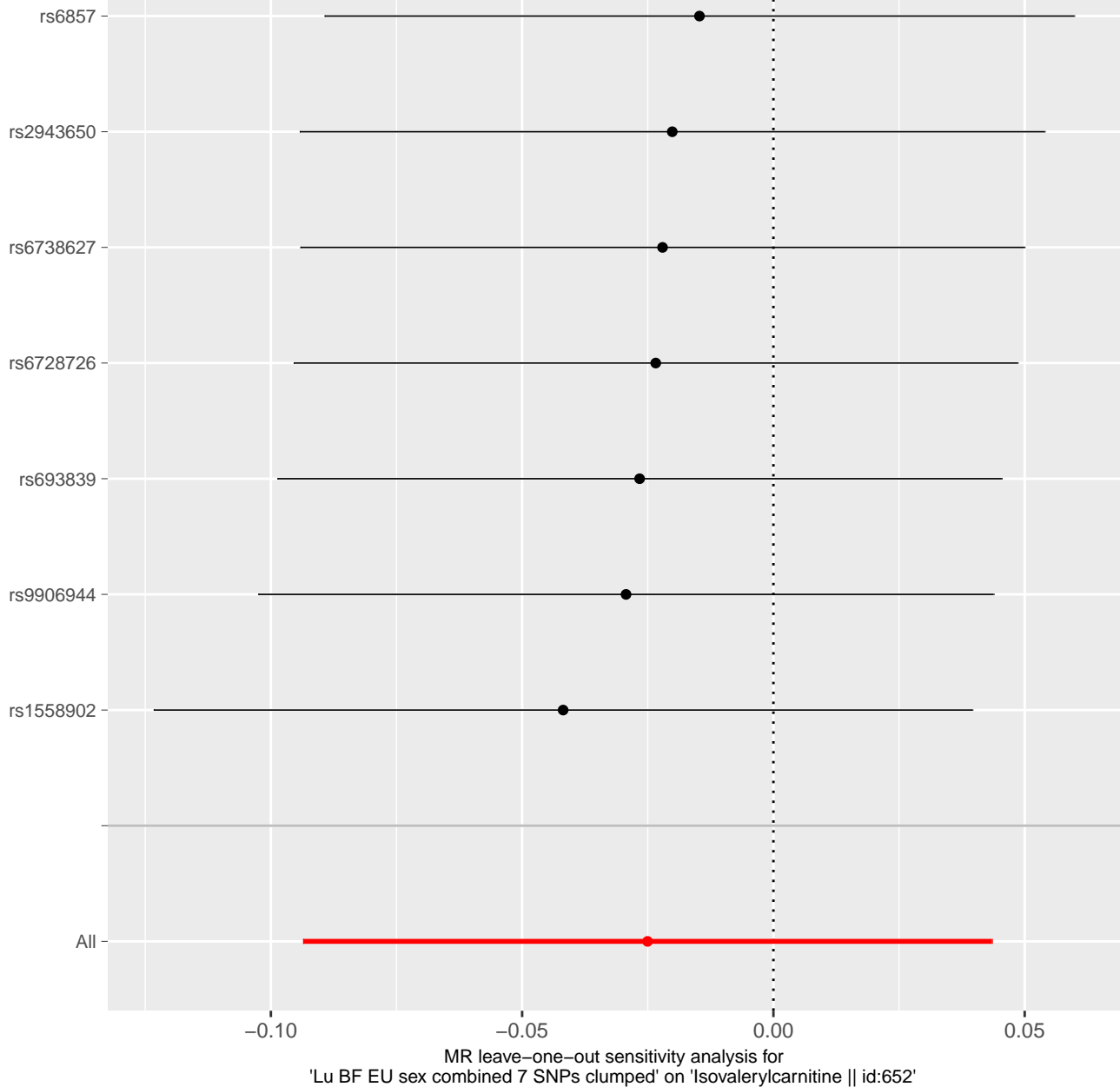
rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12749 || id:650'





rs1558902

rs6728726

rs6857

rs9906944

rs2943650

rs693839

rs6738627

All

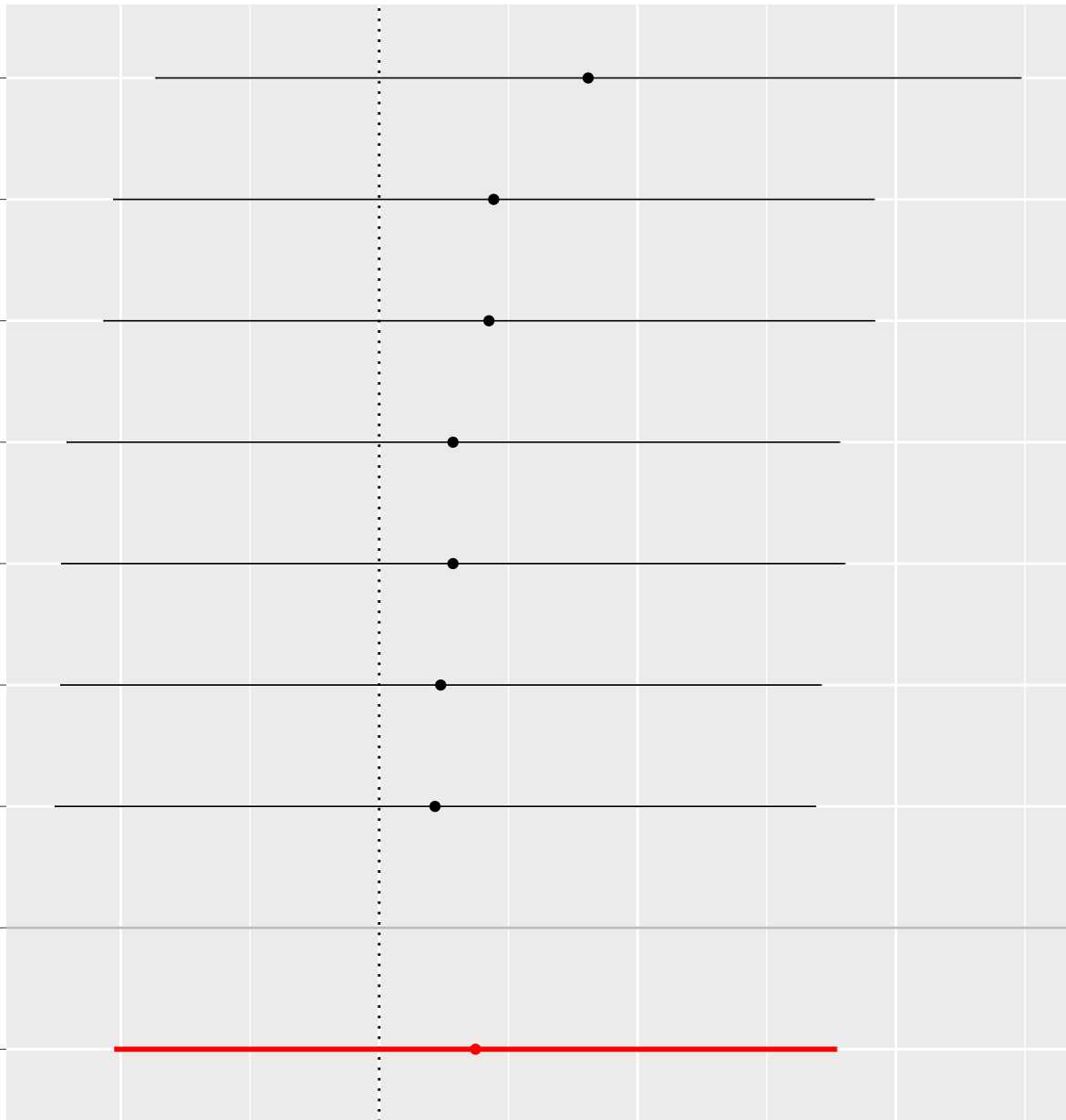
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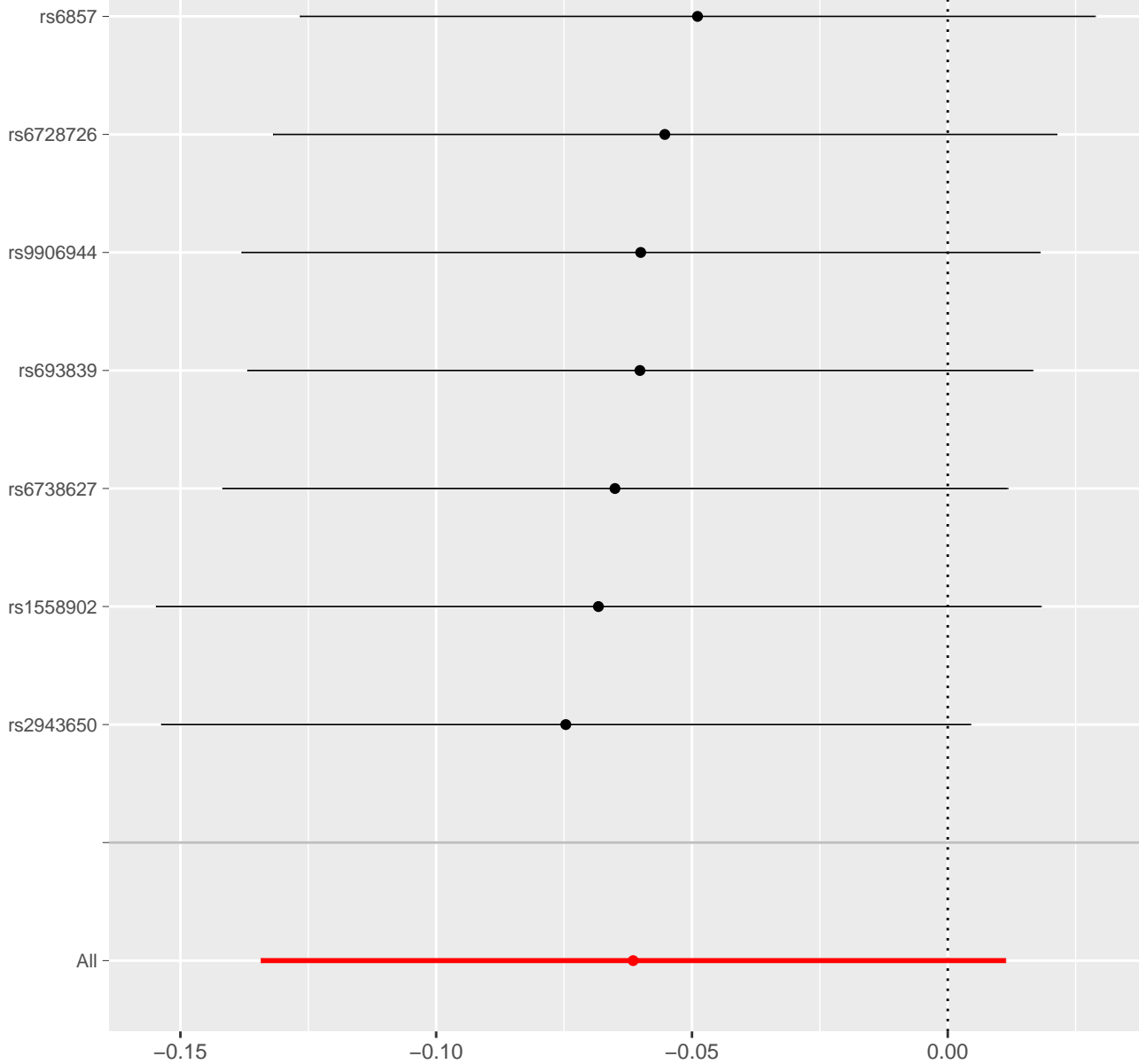
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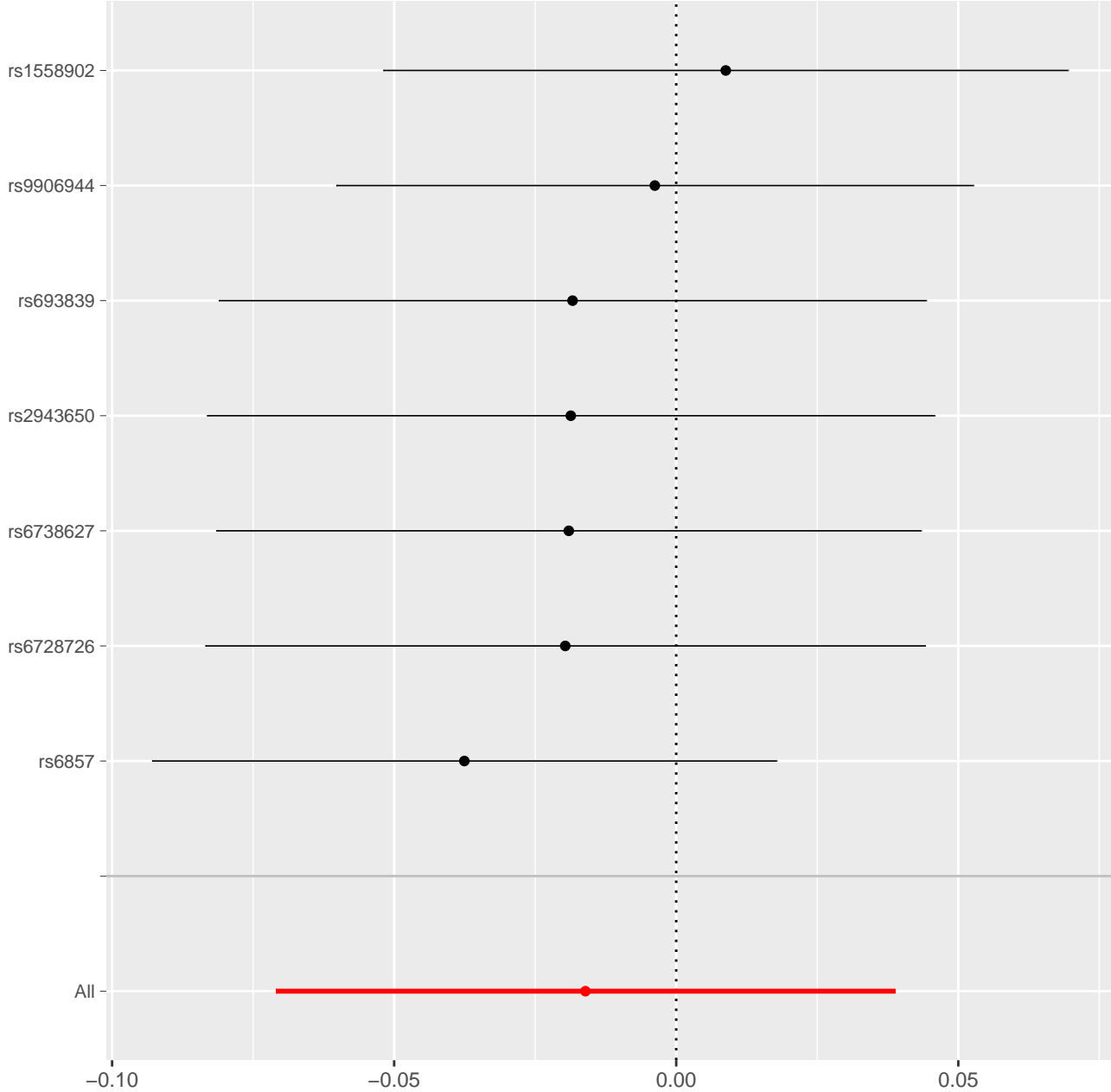
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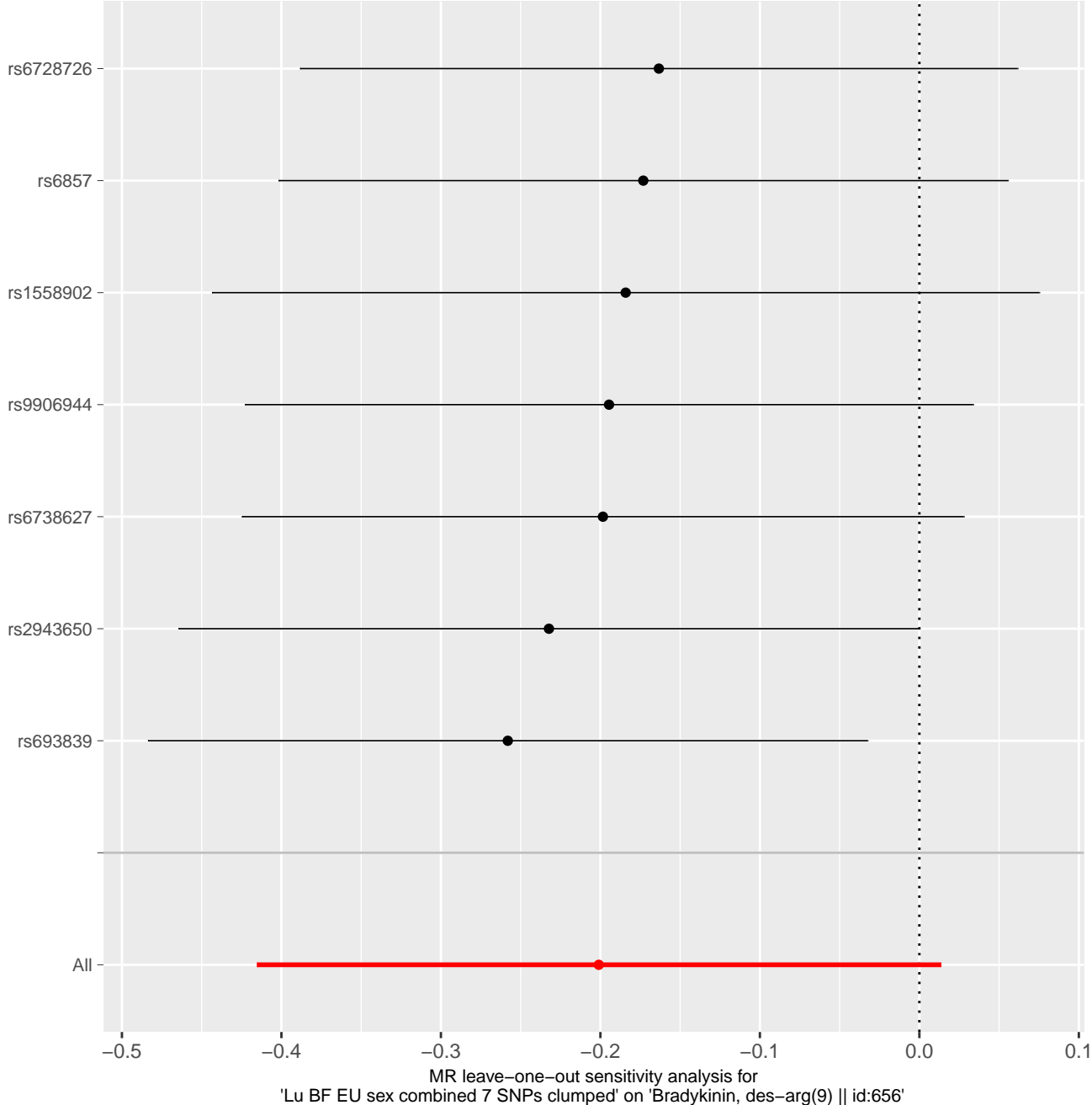
MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Stearoylcarnitine || id:653'







MR leave-one-out sensitivity analysis for
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rs6738627

rs2943650

rs1558902

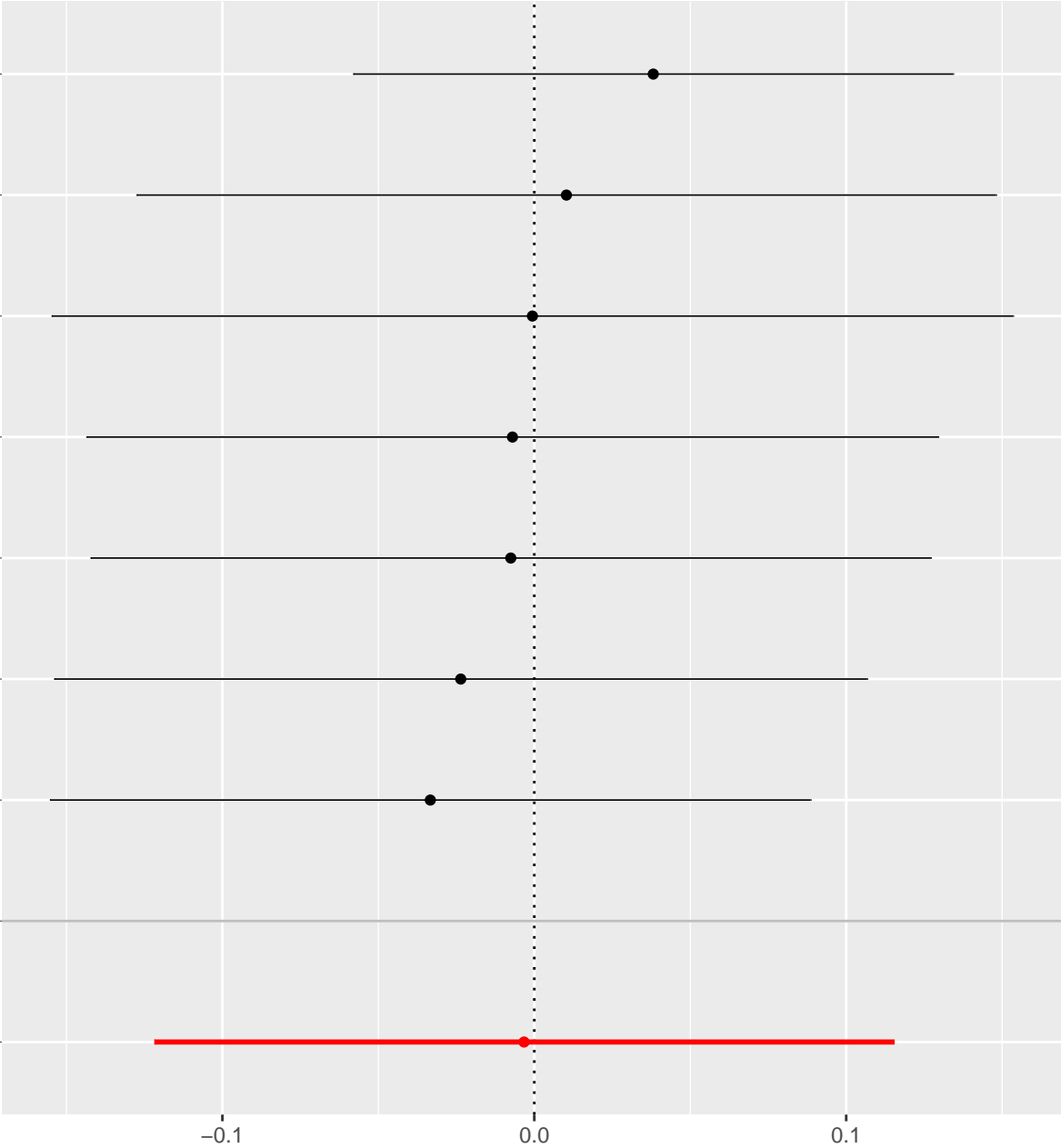
rs693839

rs6728726

rs9906944

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12771 || id:657'

rs1558902

rs693839

rs6857

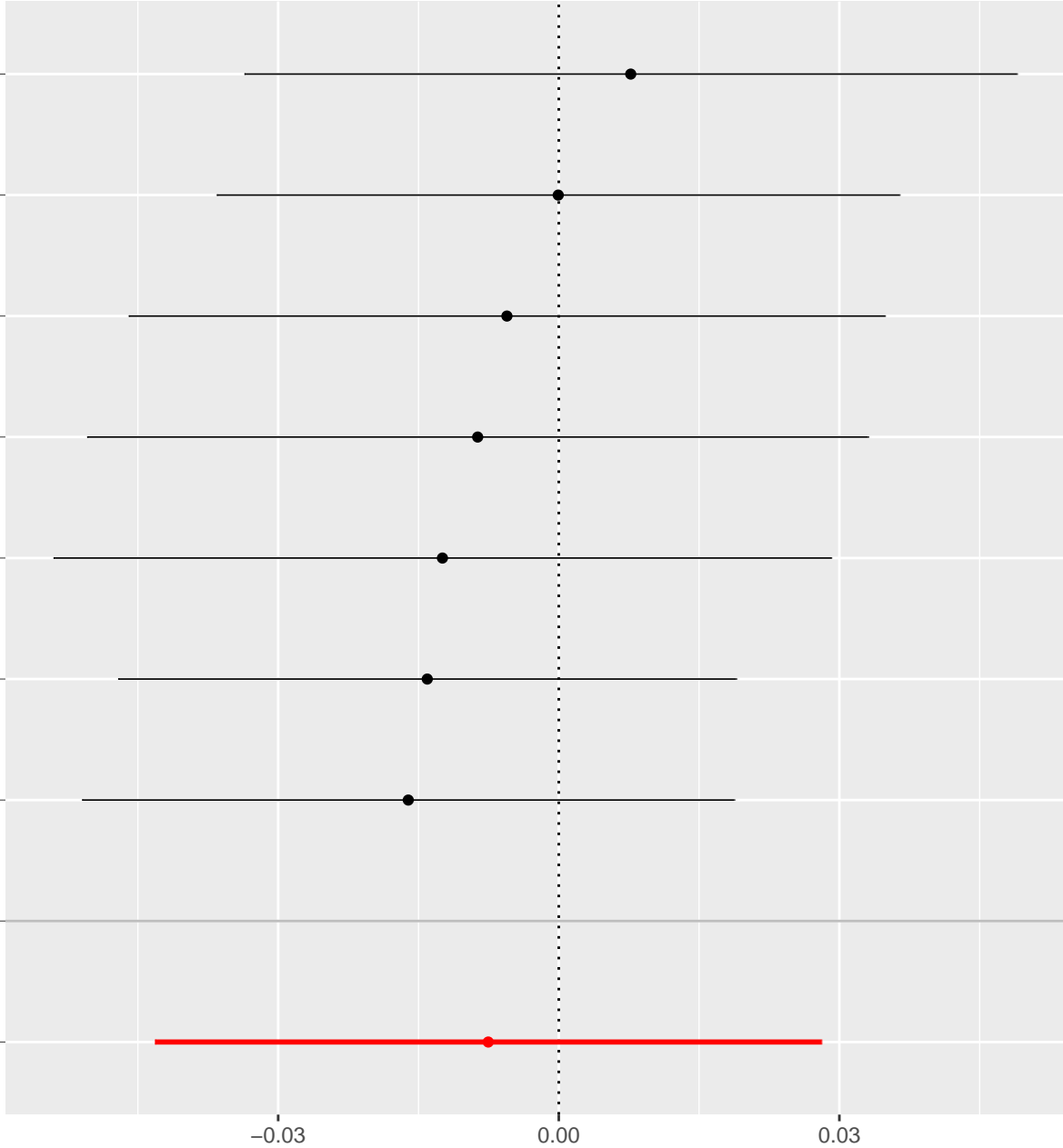
rs9906944

rs2943650

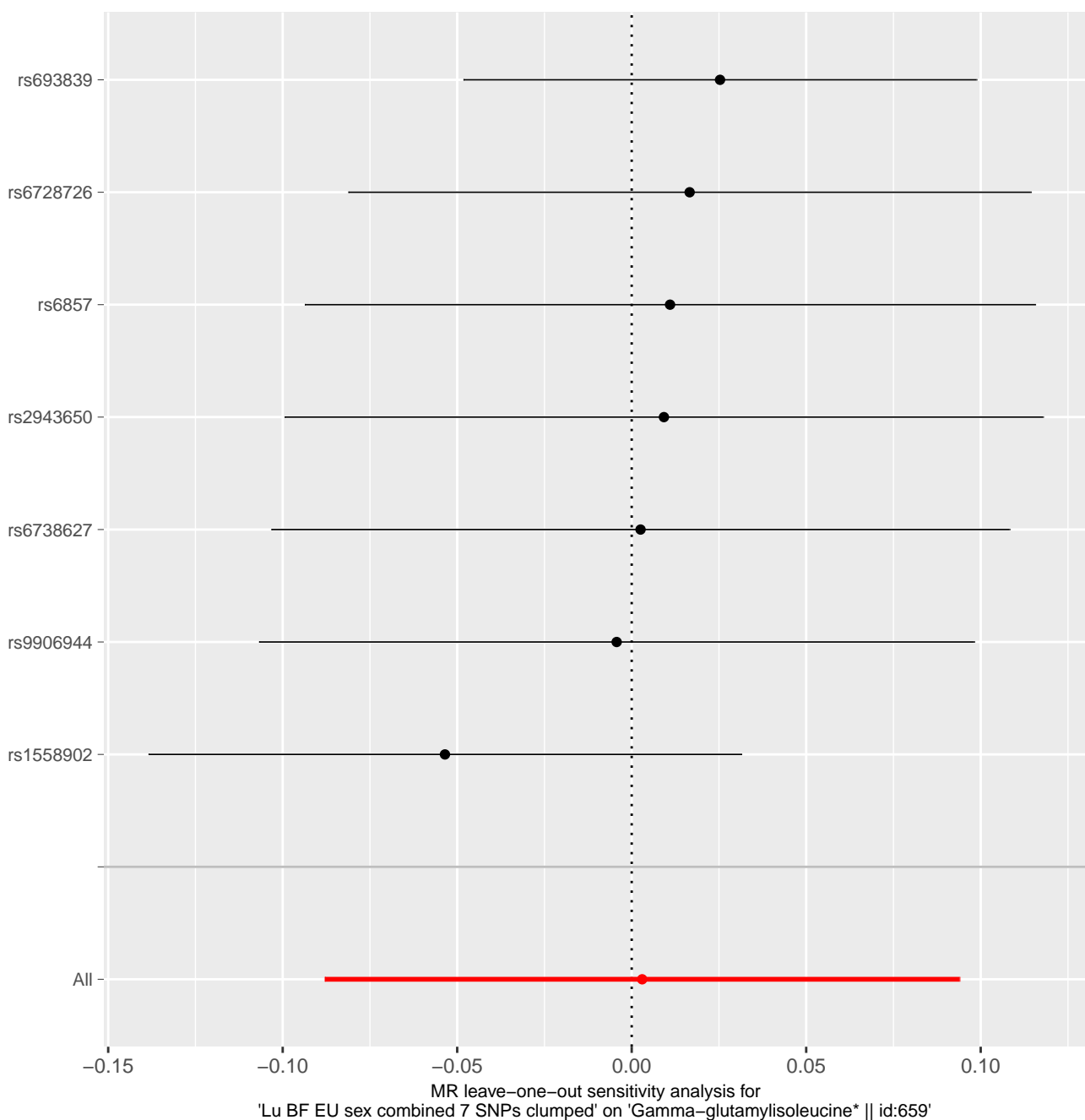
rs6728726

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12776 || id:658'



rs1558902

rs6738627

rs2943650

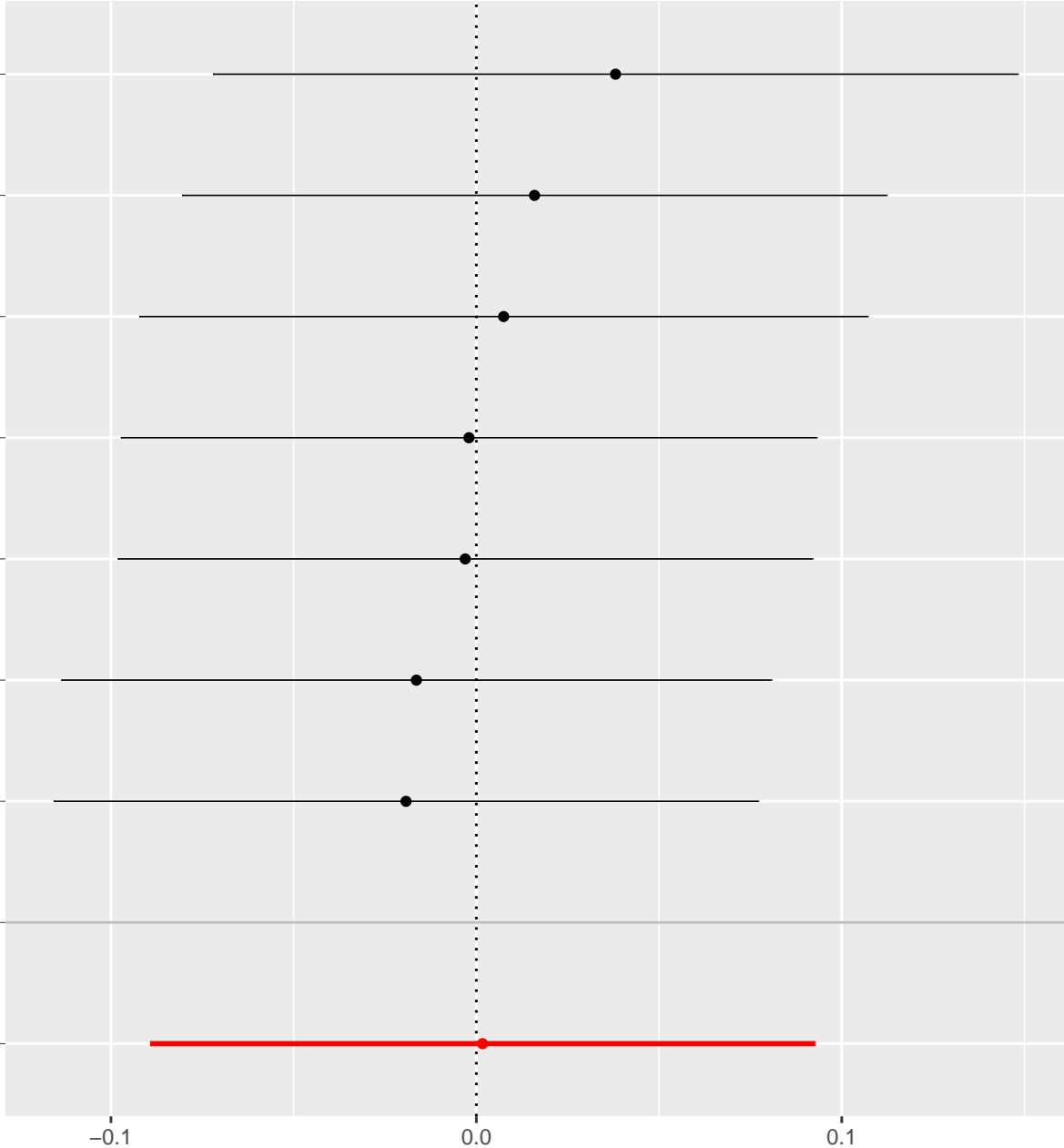
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rs693839

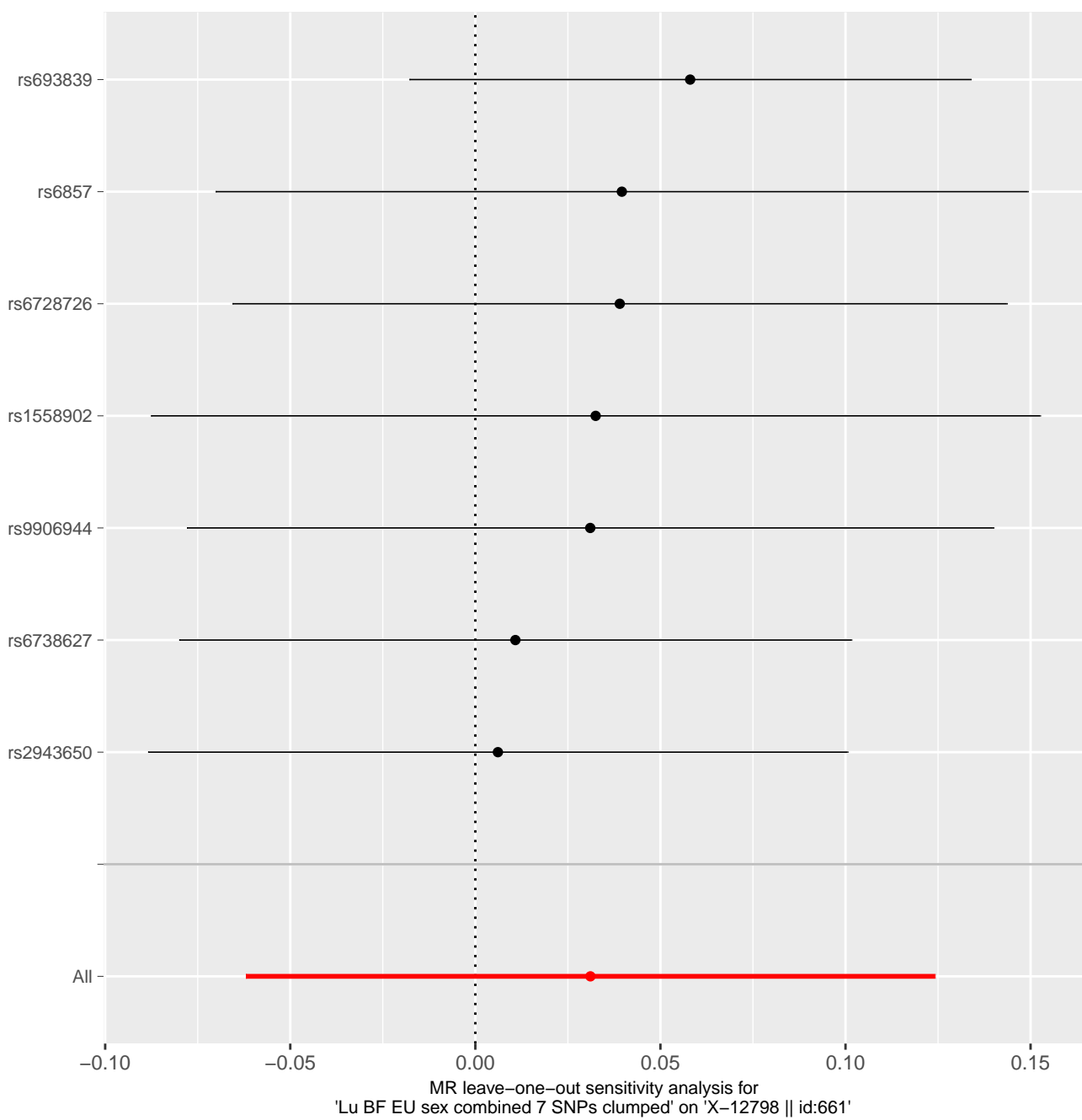
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rs9906944

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12786 || id:660'



rs2943650

rs9906944

rs6728726

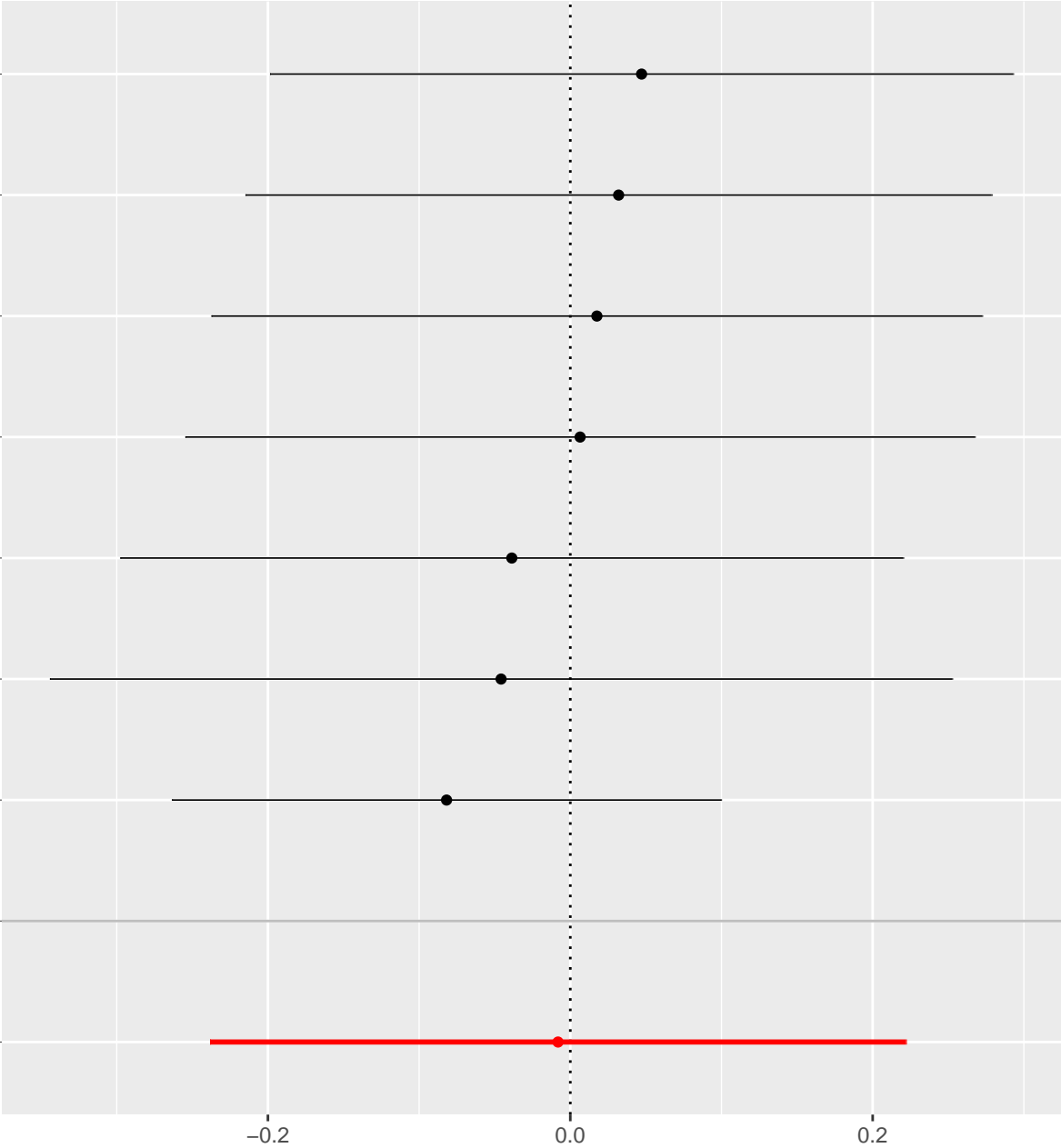
rs693839

rs6857

rs1558902

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12816 || id:662'

rs9906944

rs6728726

rs1558902

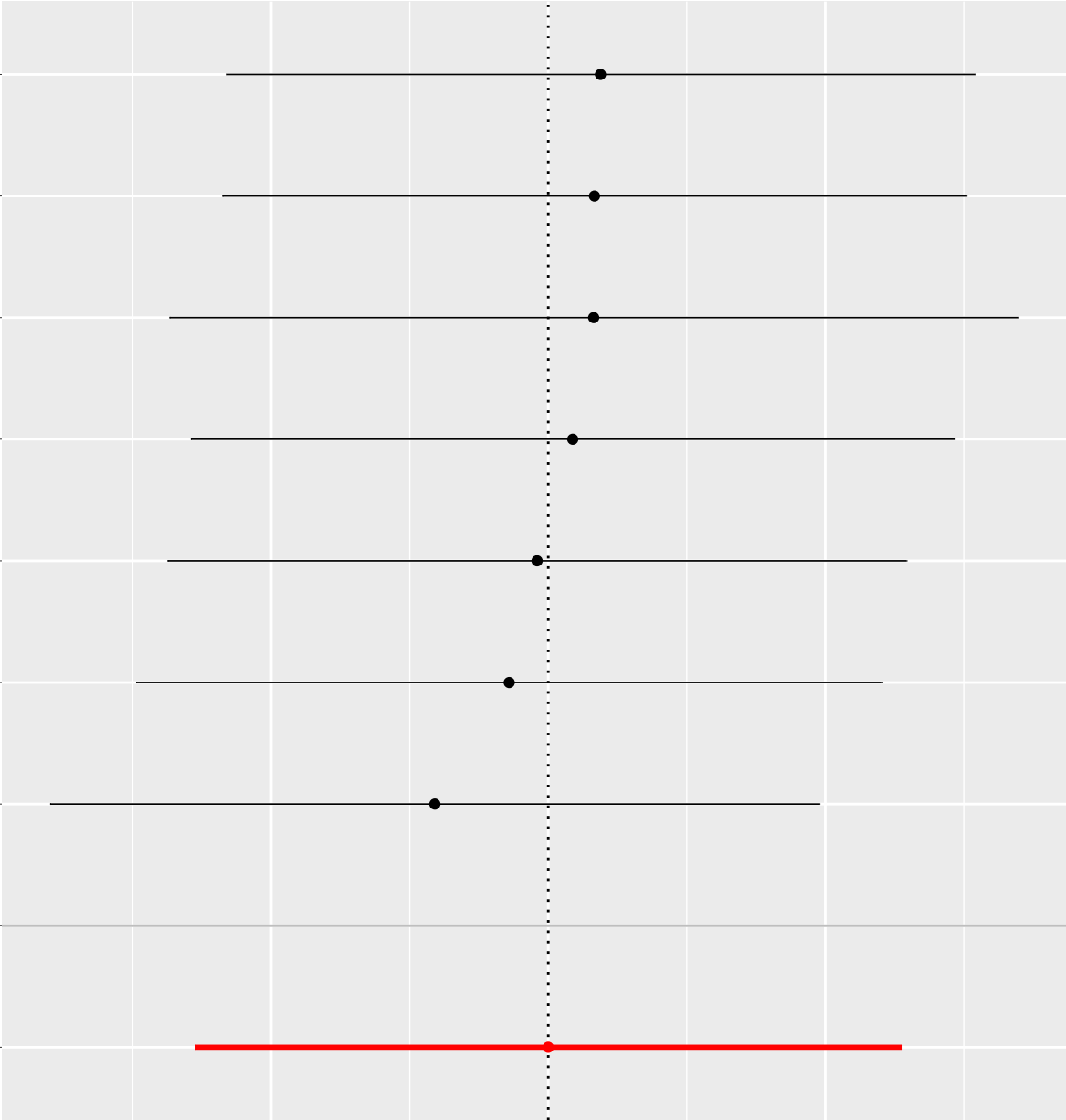
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rs693839

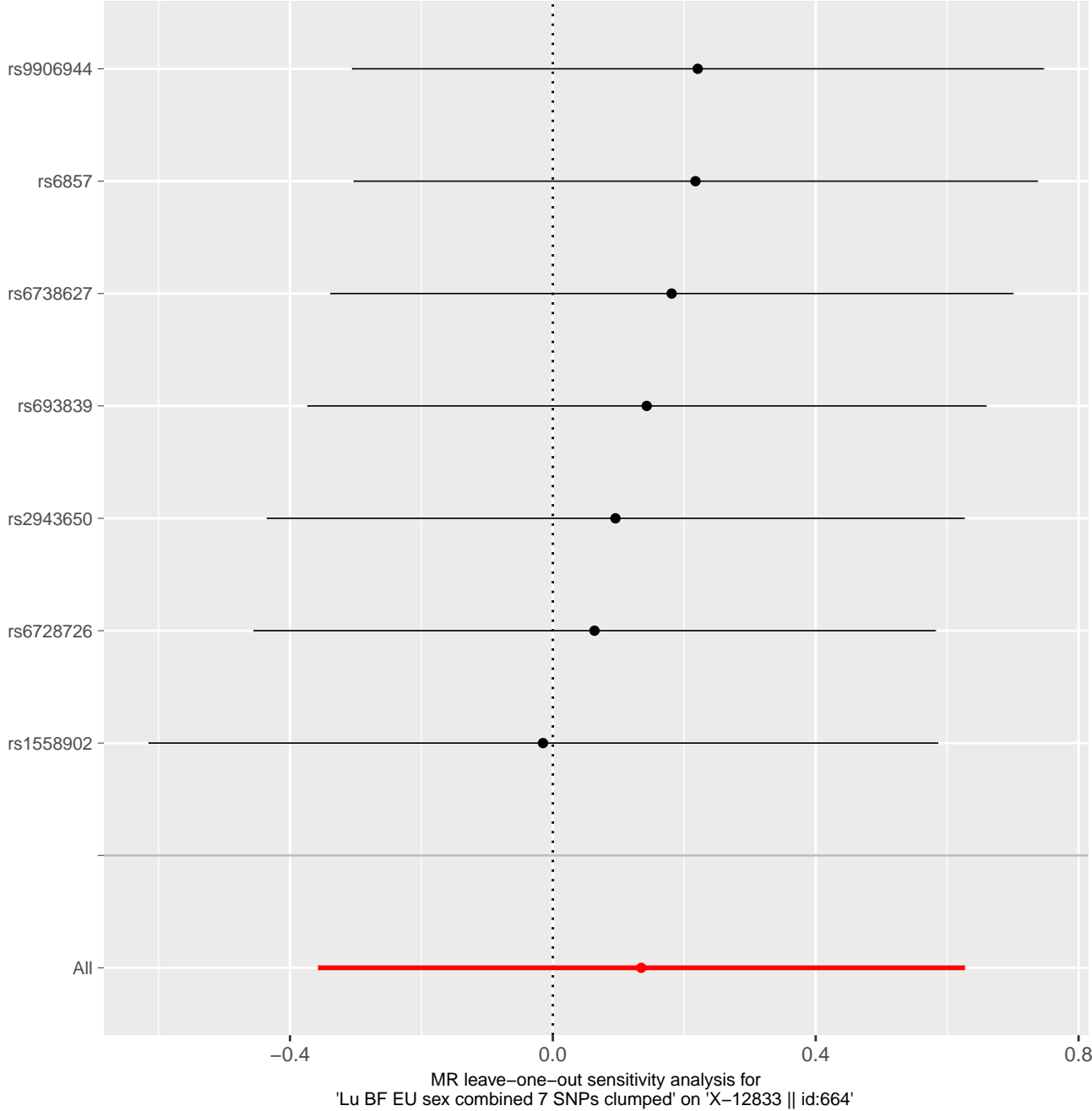
rs6738627

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12830 || id:663'



rs6738627

rs6728726

rs2943650

rs693839

rs9906944

rs1558902

rs6857

All

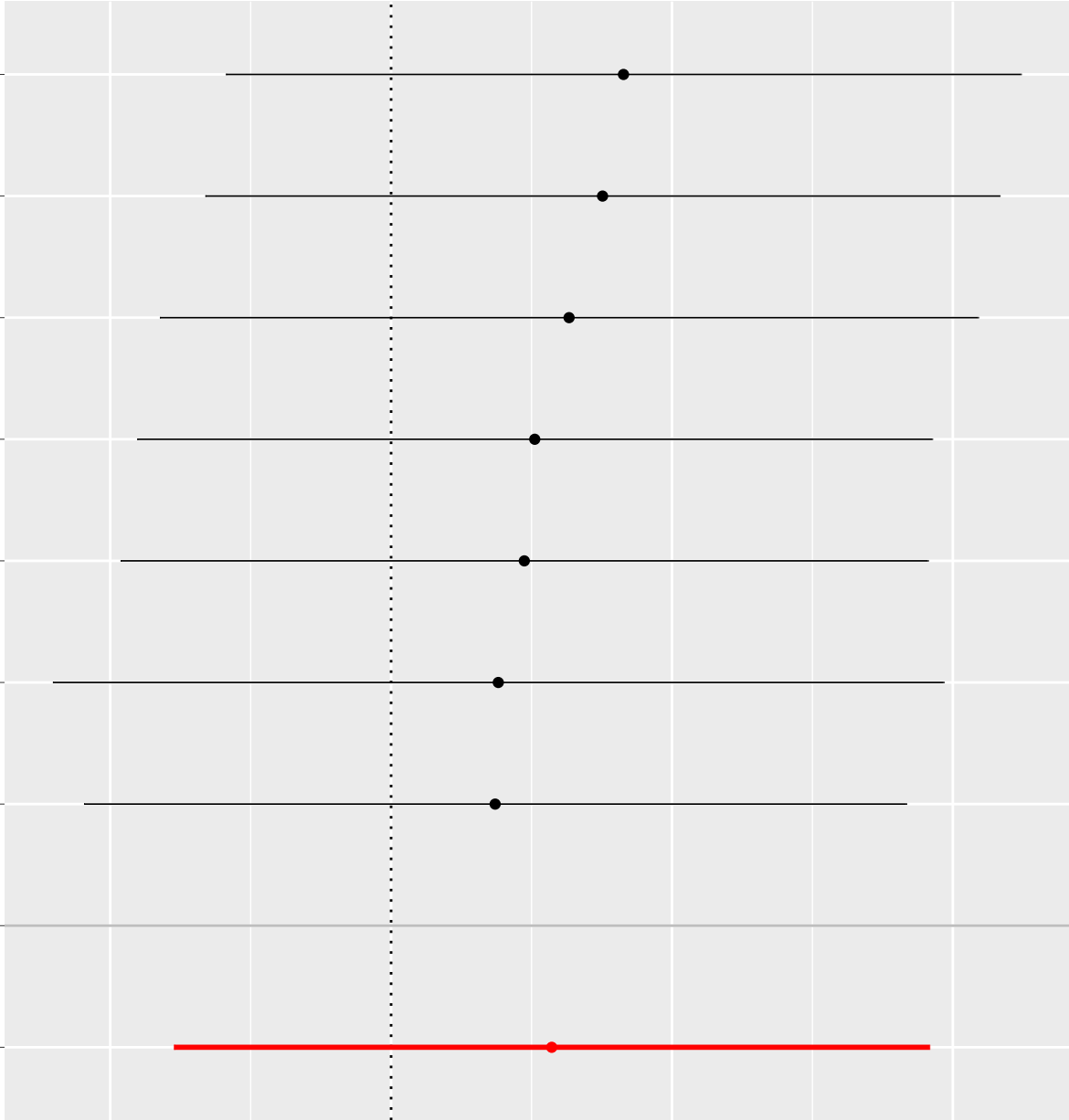
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0.05

0.10

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12844 || id:665'



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rs1558902

rs9906944

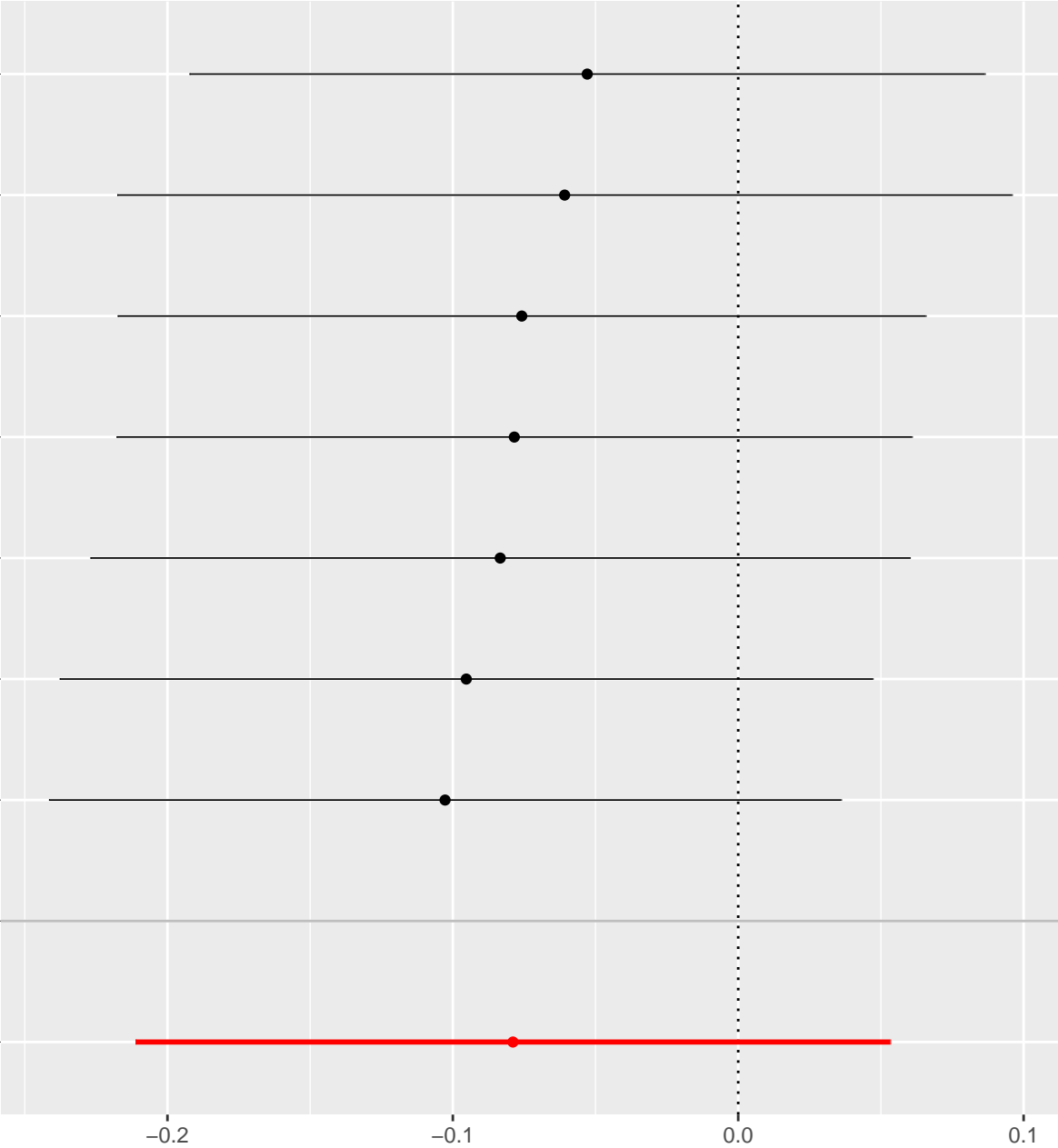
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rs2943650

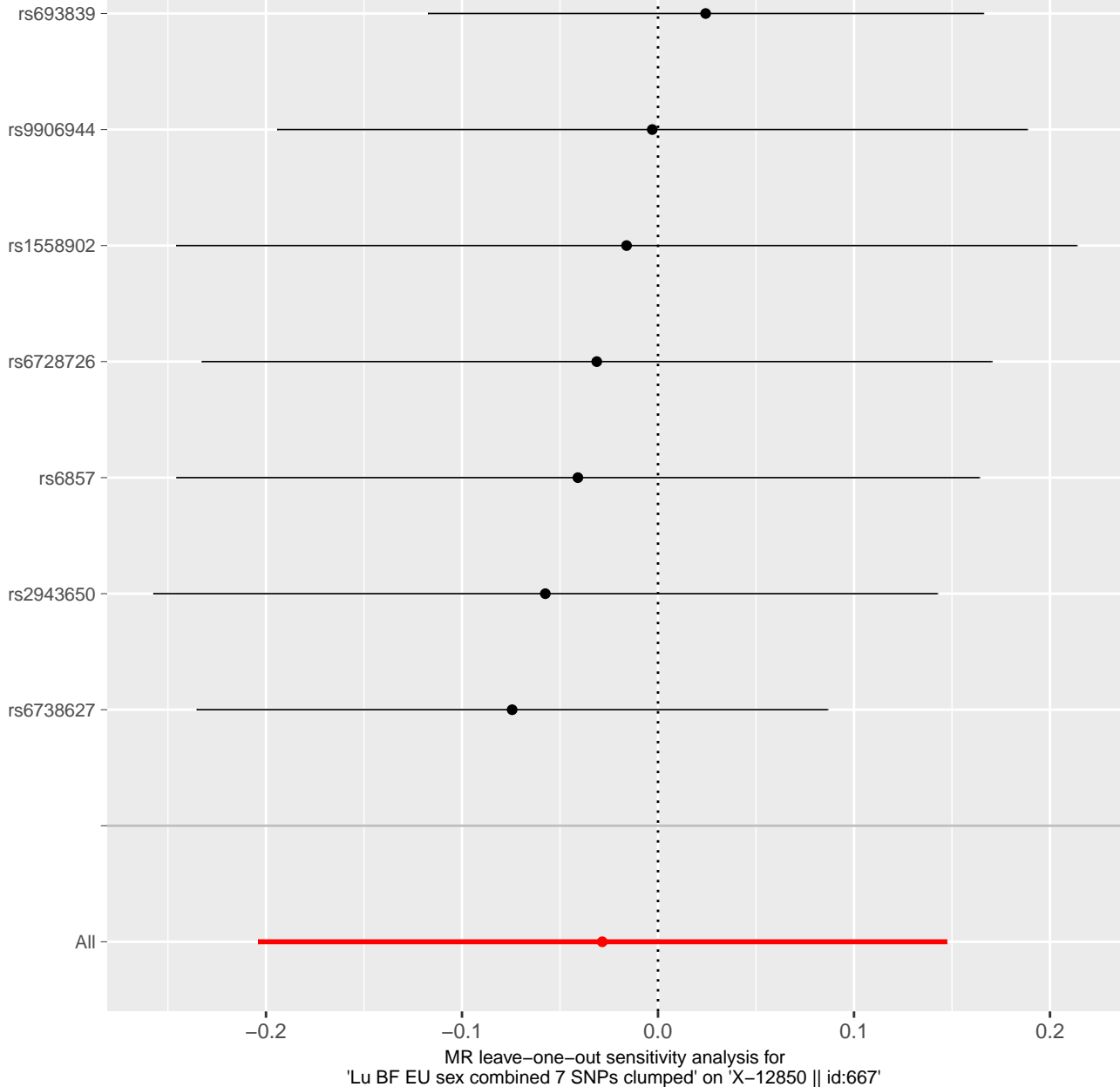
rs6857

rs6728726

All



MR leave-one-out sensitivity analysis for
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rs1558902

rs693839

rs2943650

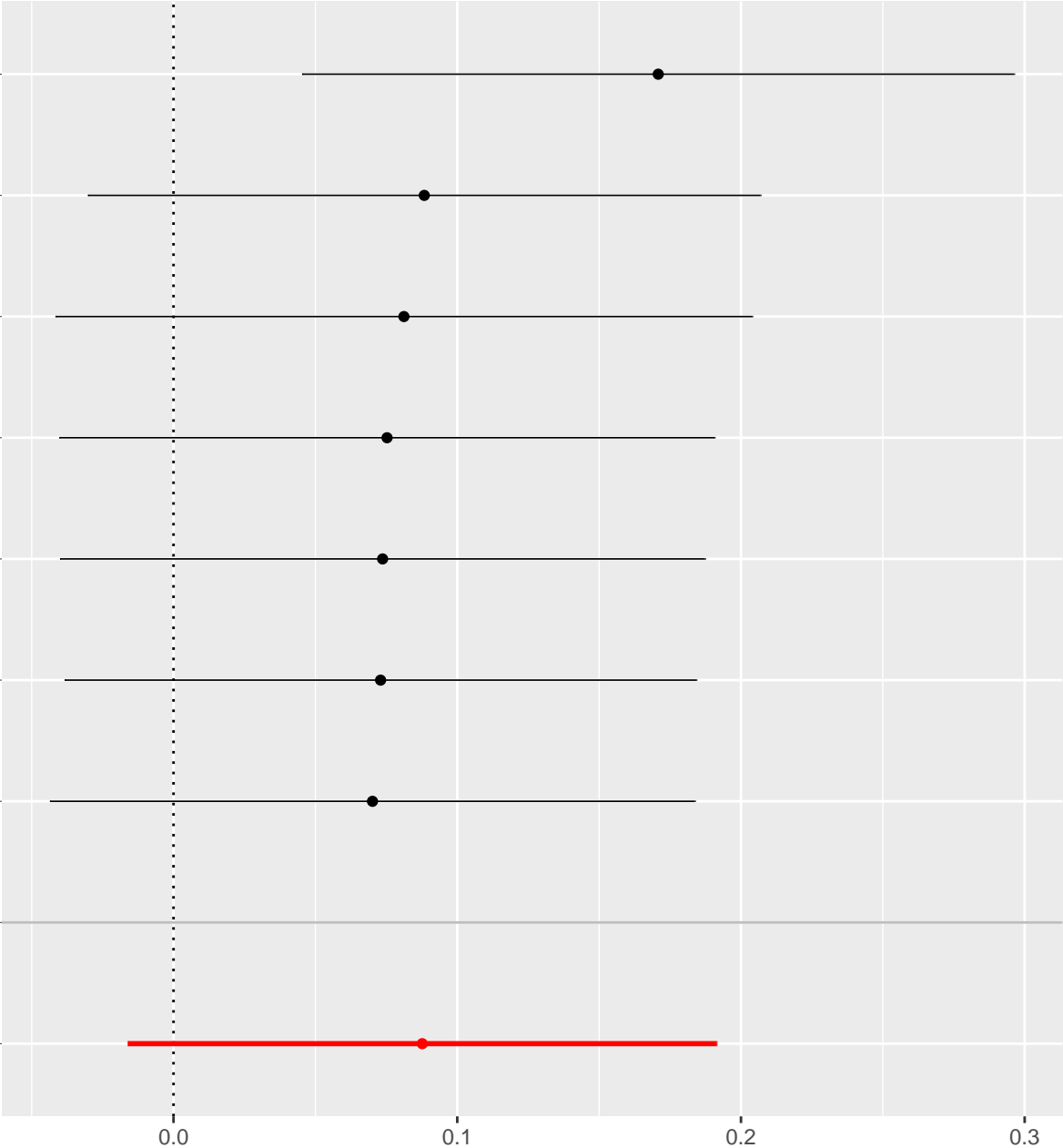
rs9906944

rs6738627

rs6728726

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Laurylcarnitine || id:668'

rs1558902

rs6728726

rs2943650

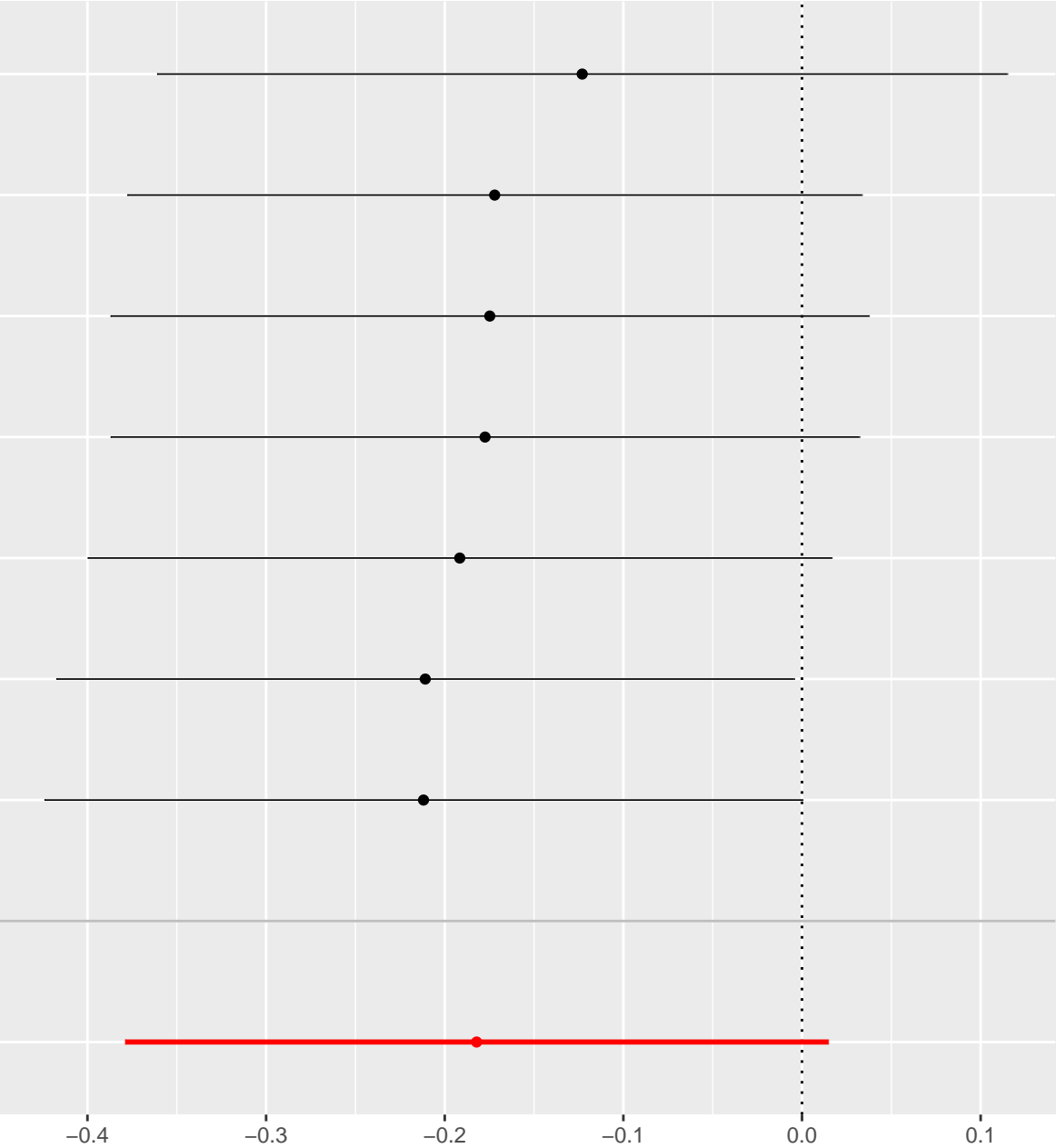
rs9906944

rs6738627

rs693839

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12851 || id:669'

rs1558902

rs6738627

rs6857

rs693839

rs2943650

rs9906944

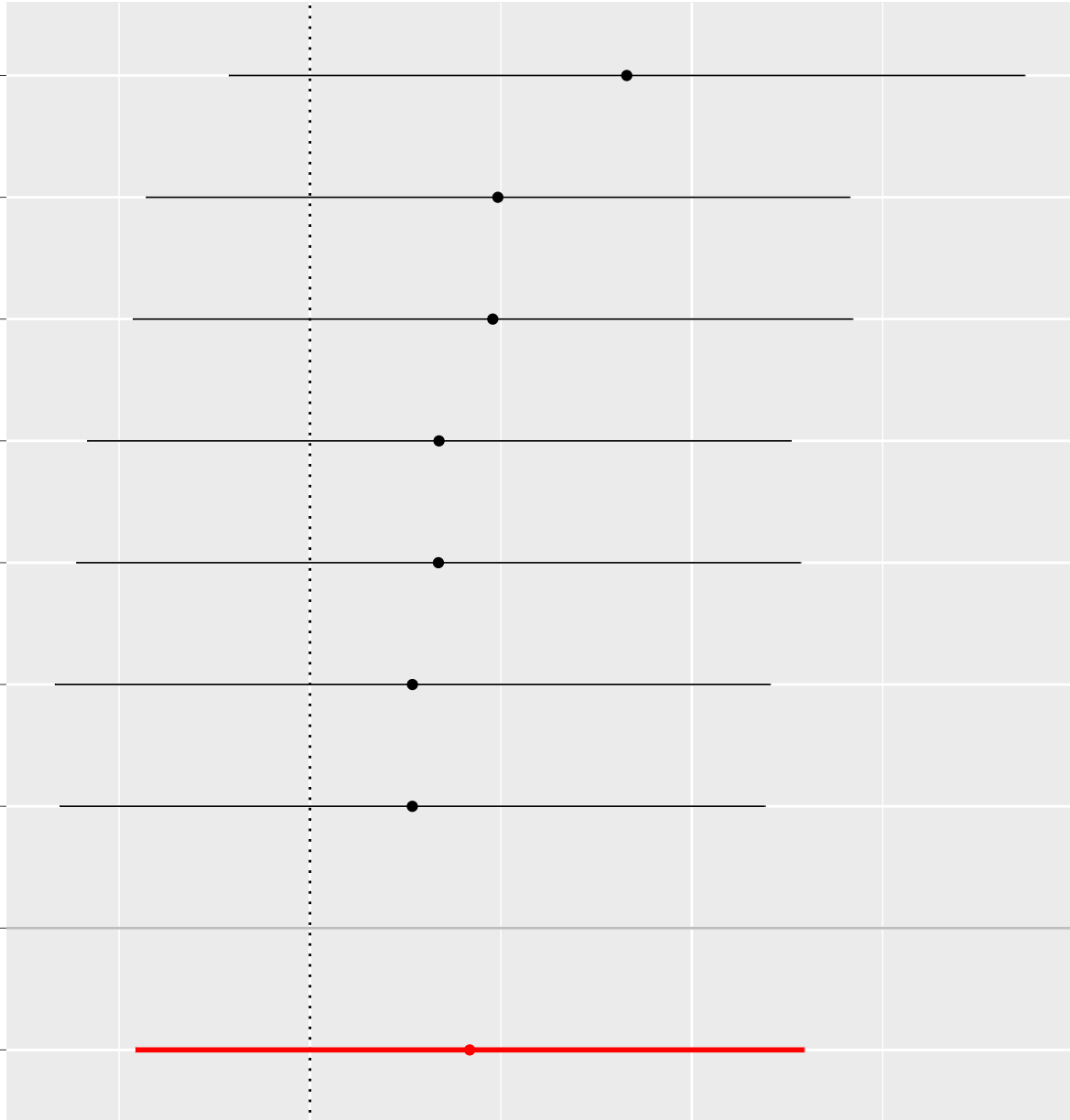
rs6728726

All

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12855 || id:670'



rs1558902

rs6857

rs9906944

rs2943650

rs693839

rs6738627

rs6728726

All

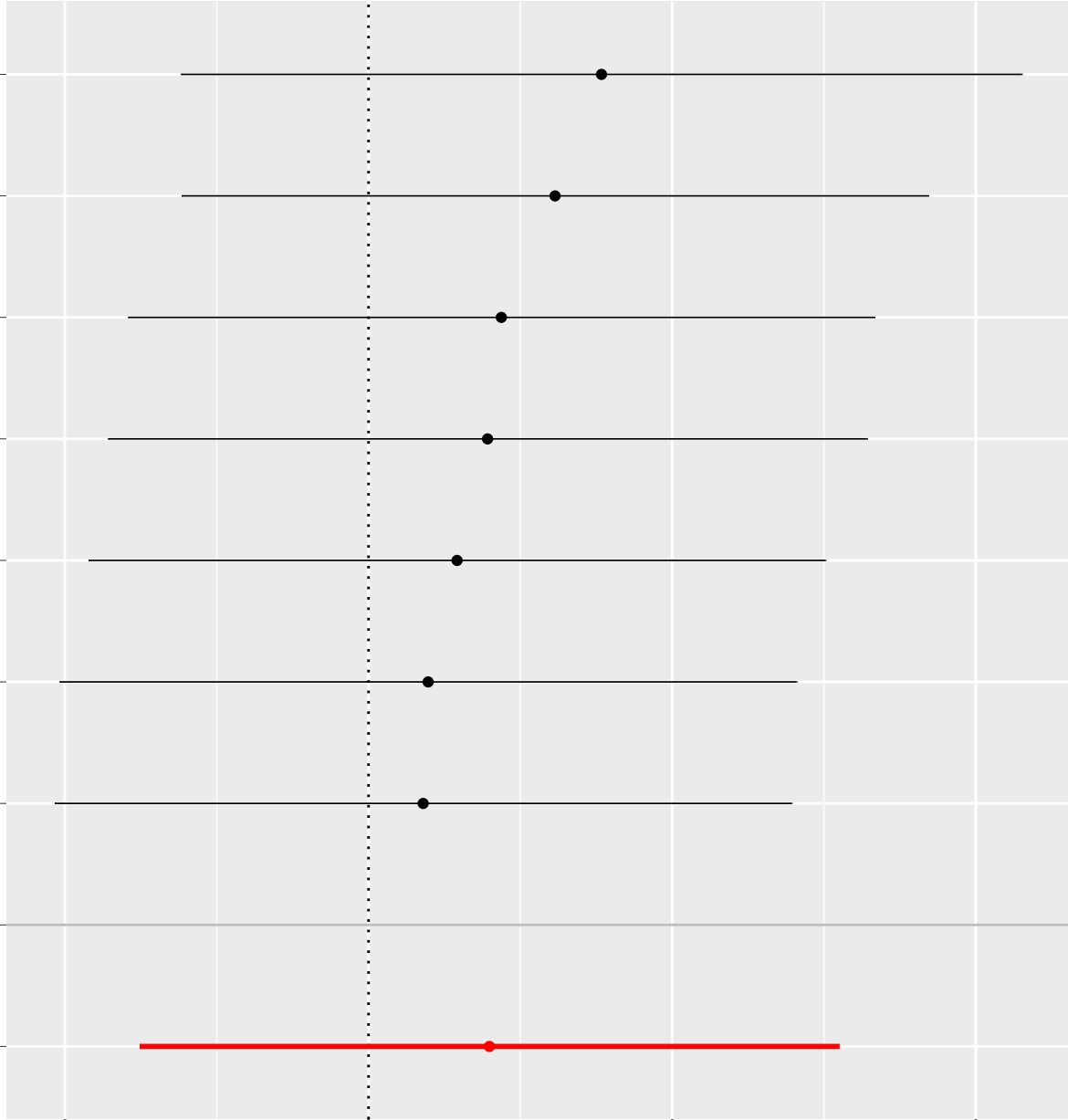
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0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-12990--docosapentaenoic acid (n6-DPA) || id:671'



rs6857

rs2943650

rs6728726

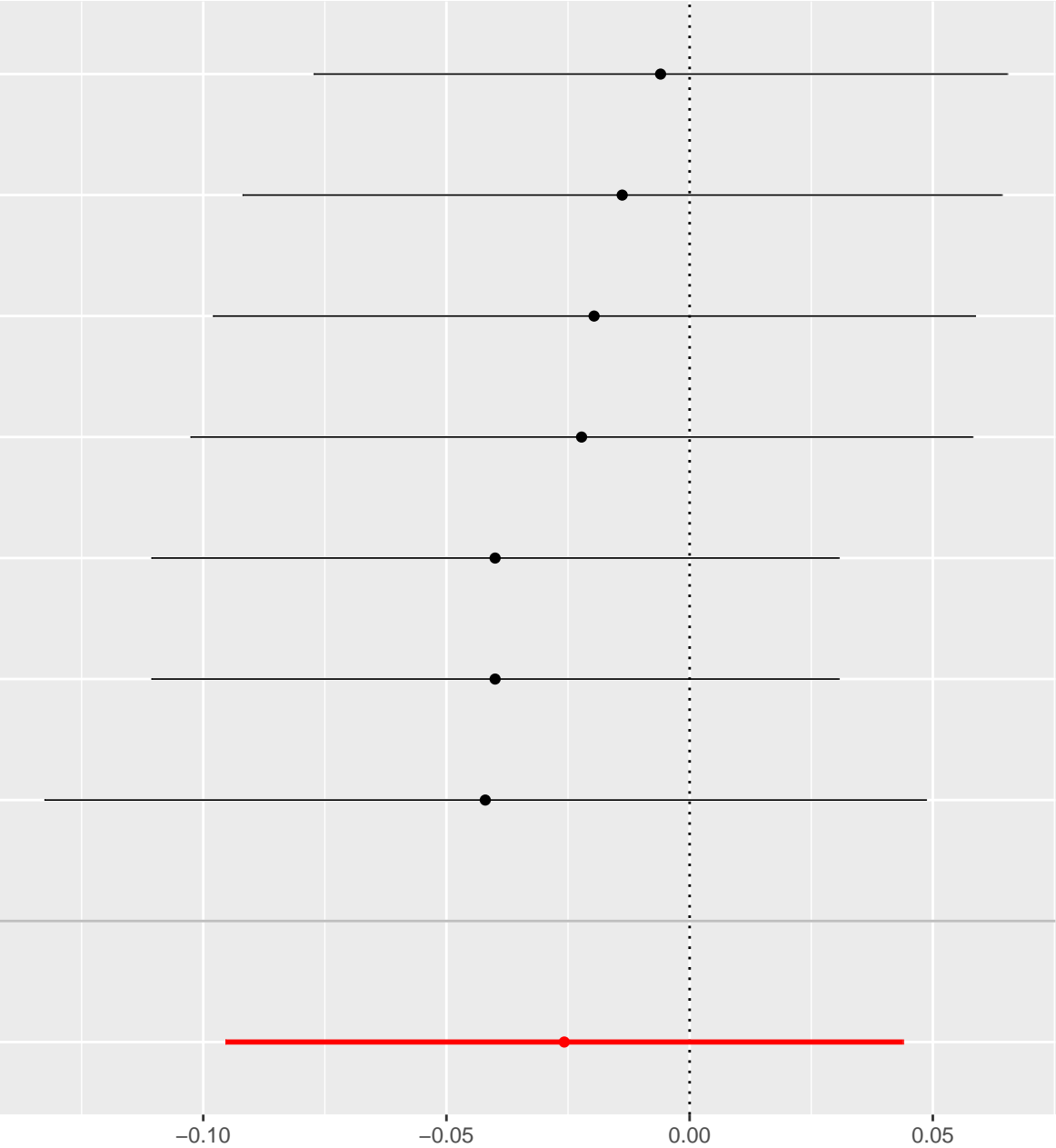
rs9906944

rs693839

rs6738627

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Isovalerate || id:672'

rs1558902

rs9906944

rs6857

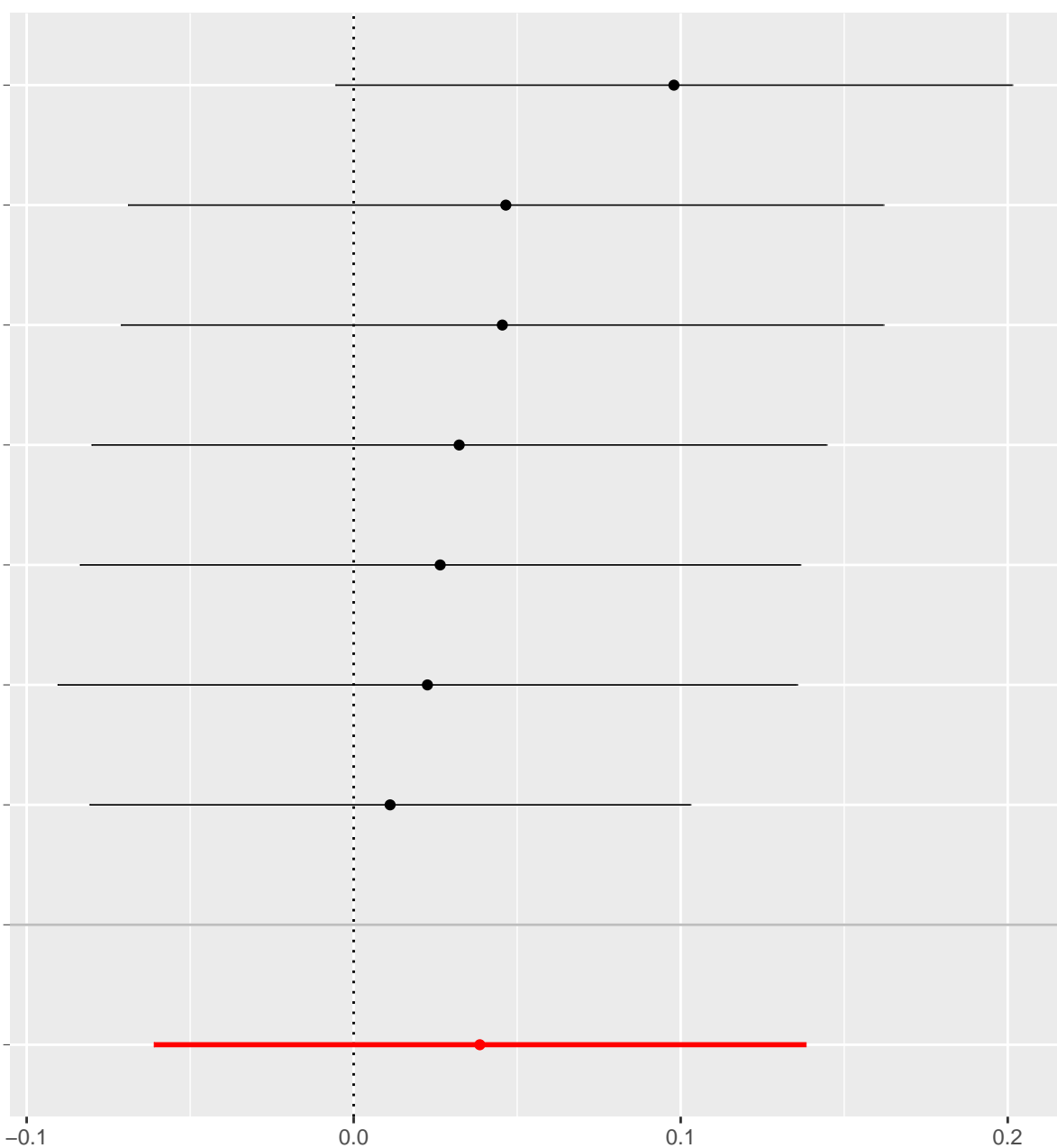
rs6728726

rs693839

rs2943650

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-13069 || id:673'

rs1558902

rs9906944

rs693839

rs6857

rs6738627

rs2943650

rs6728726

All

-0.1

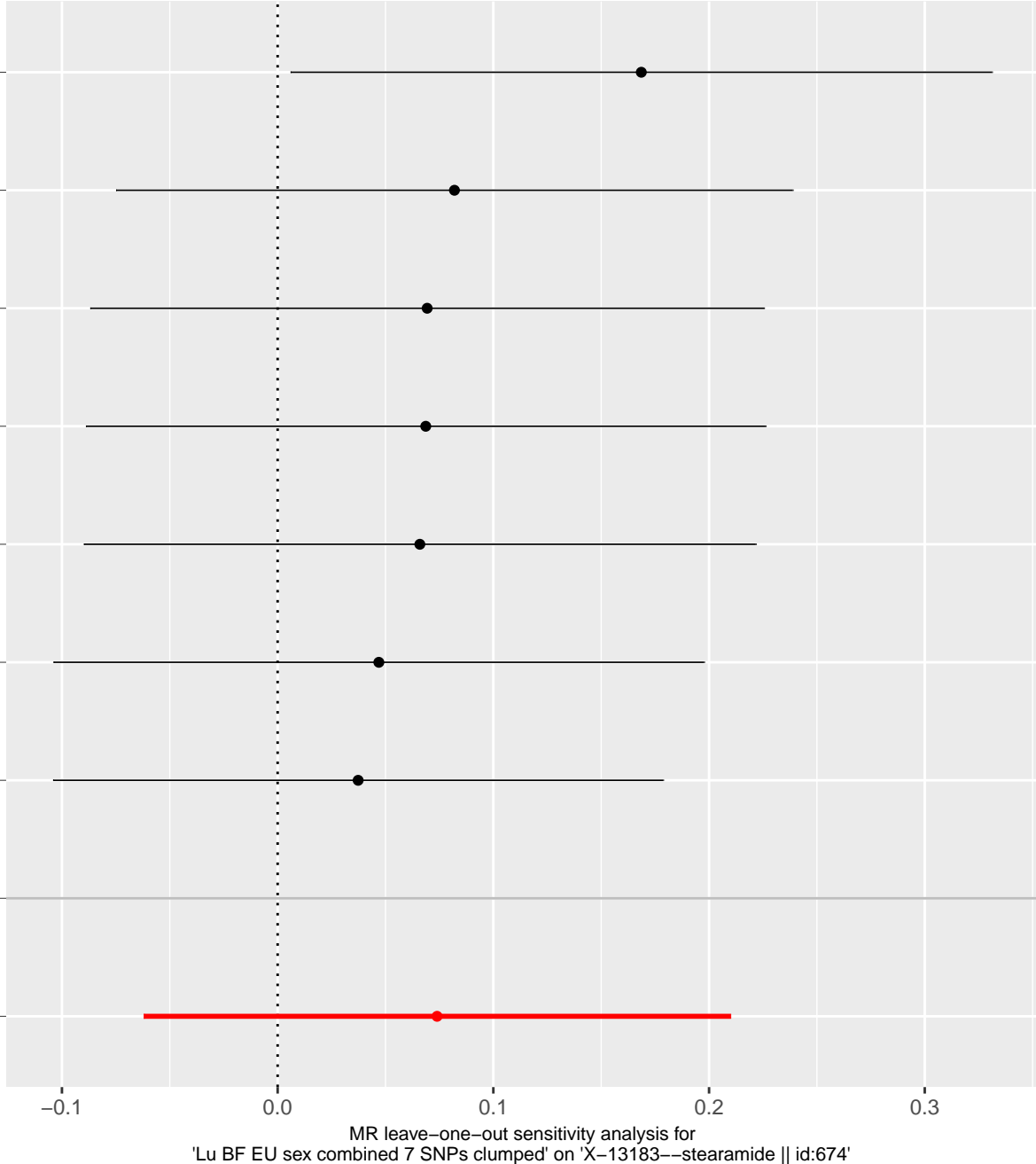
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0.1

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0.3

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-13183--stearamide || id:674'



rs1558902

rs6738627

rs693839

rs9906944

rs6857

rs6728726

rs2943650

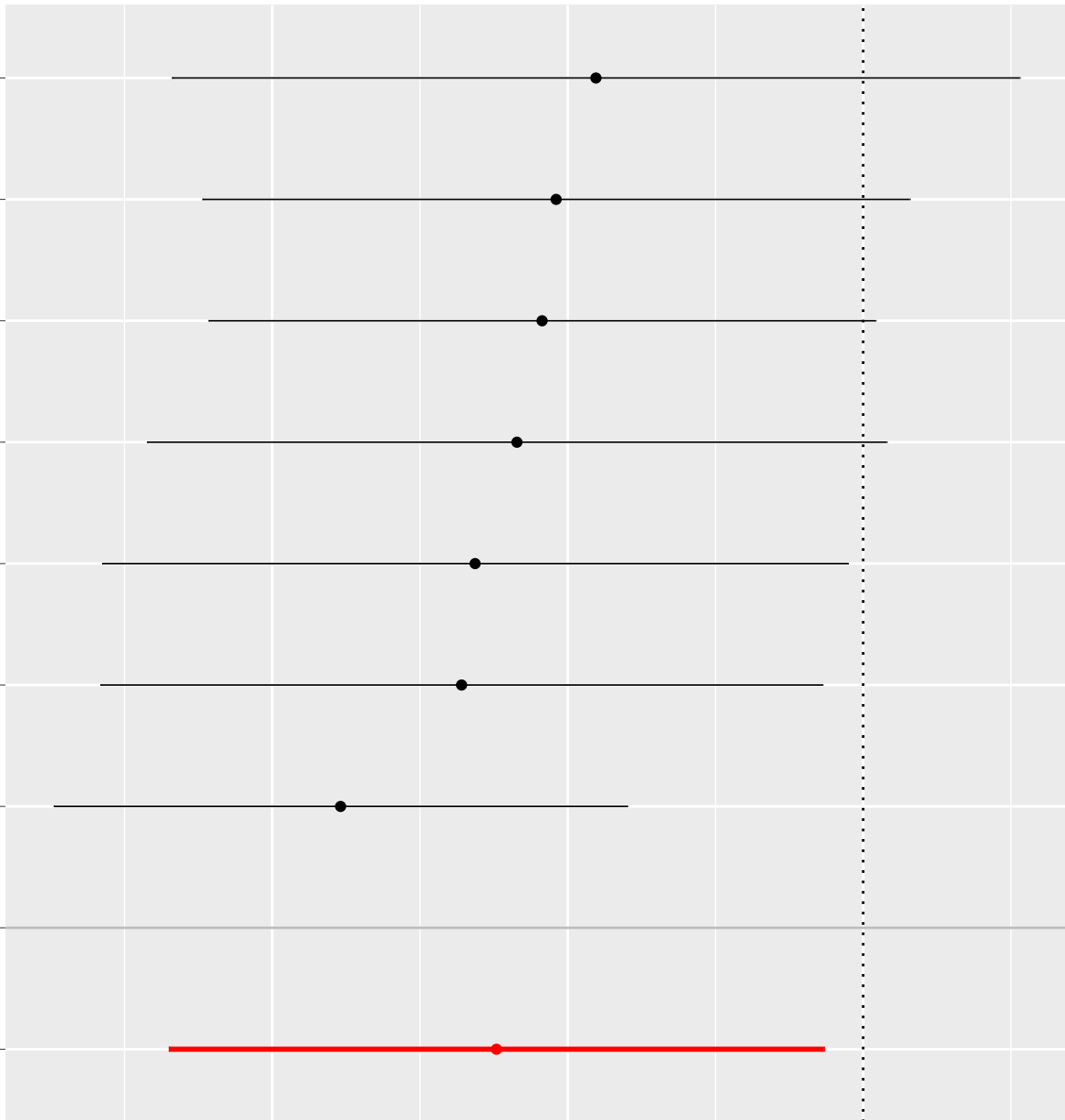
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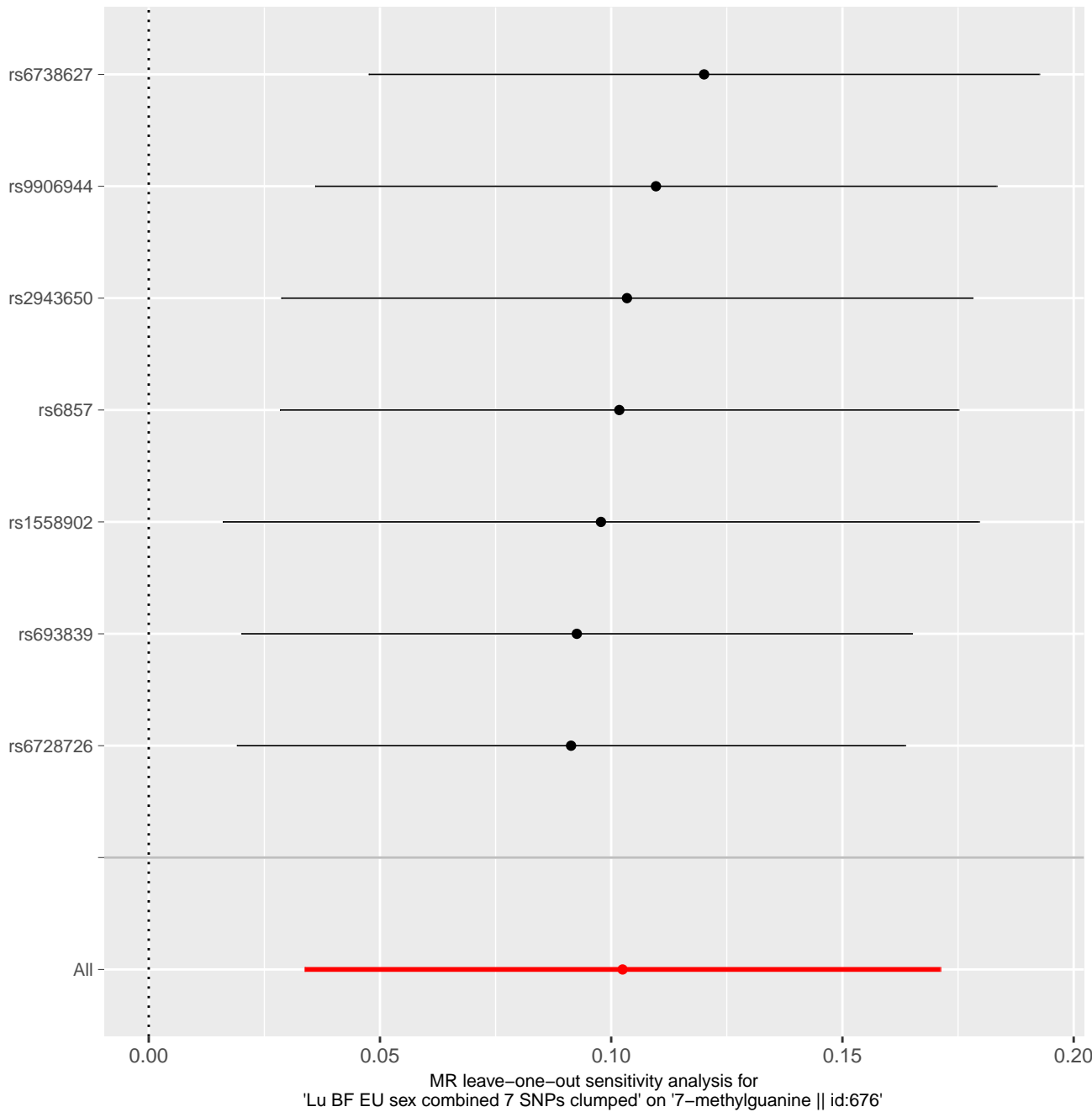
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-0.05

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MR leave-one-out sensitivity analysis for
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rs6857

rs6728726

rs6738627

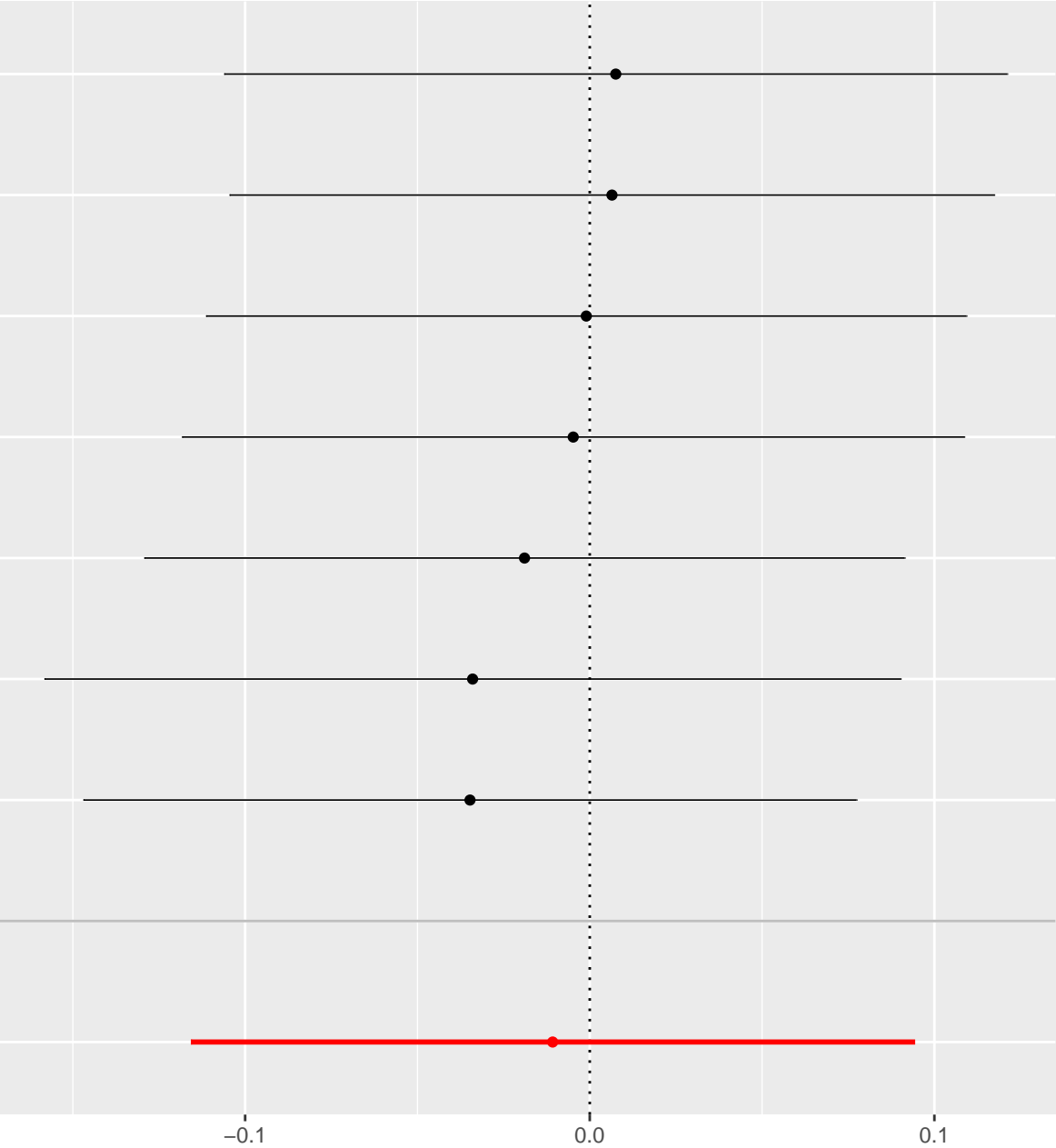
rs2943650

rs693839

rs1558902

rs9906944

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Phenylacetylglutamine || id:677'

rs9906944

rs693839

rs2943650

rs6738627

rs6728726

rs6857

rs1558902

All

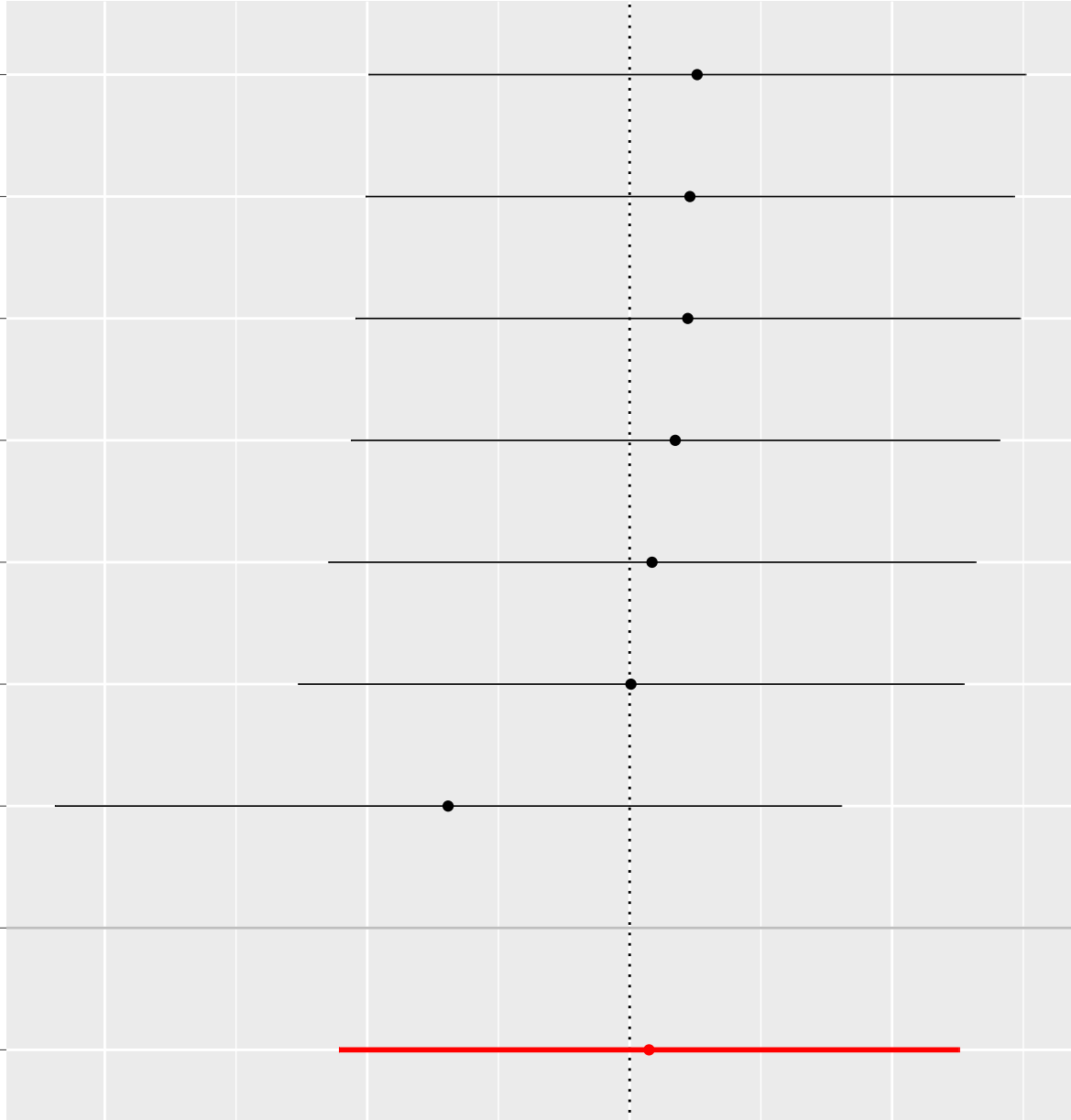
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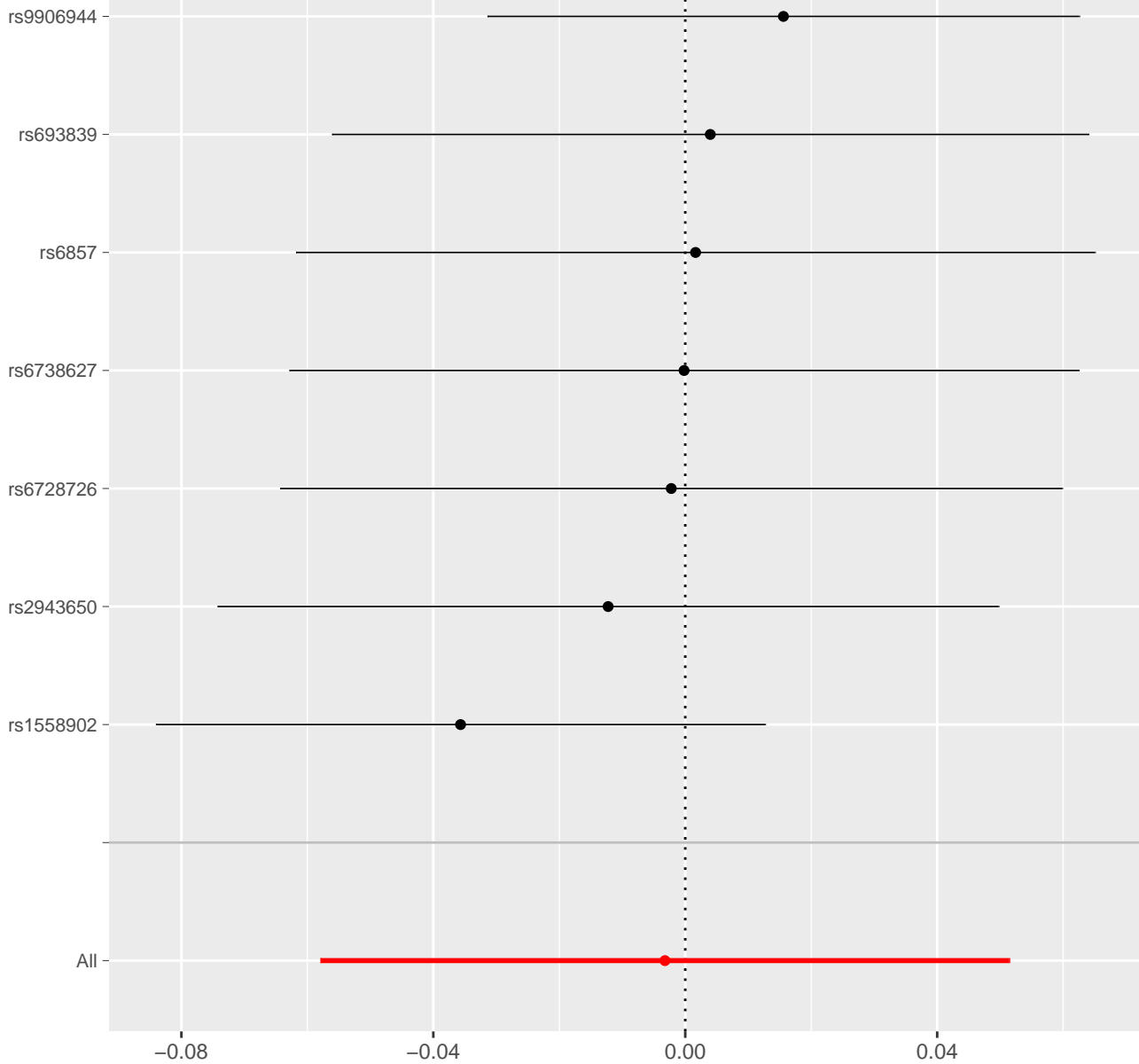
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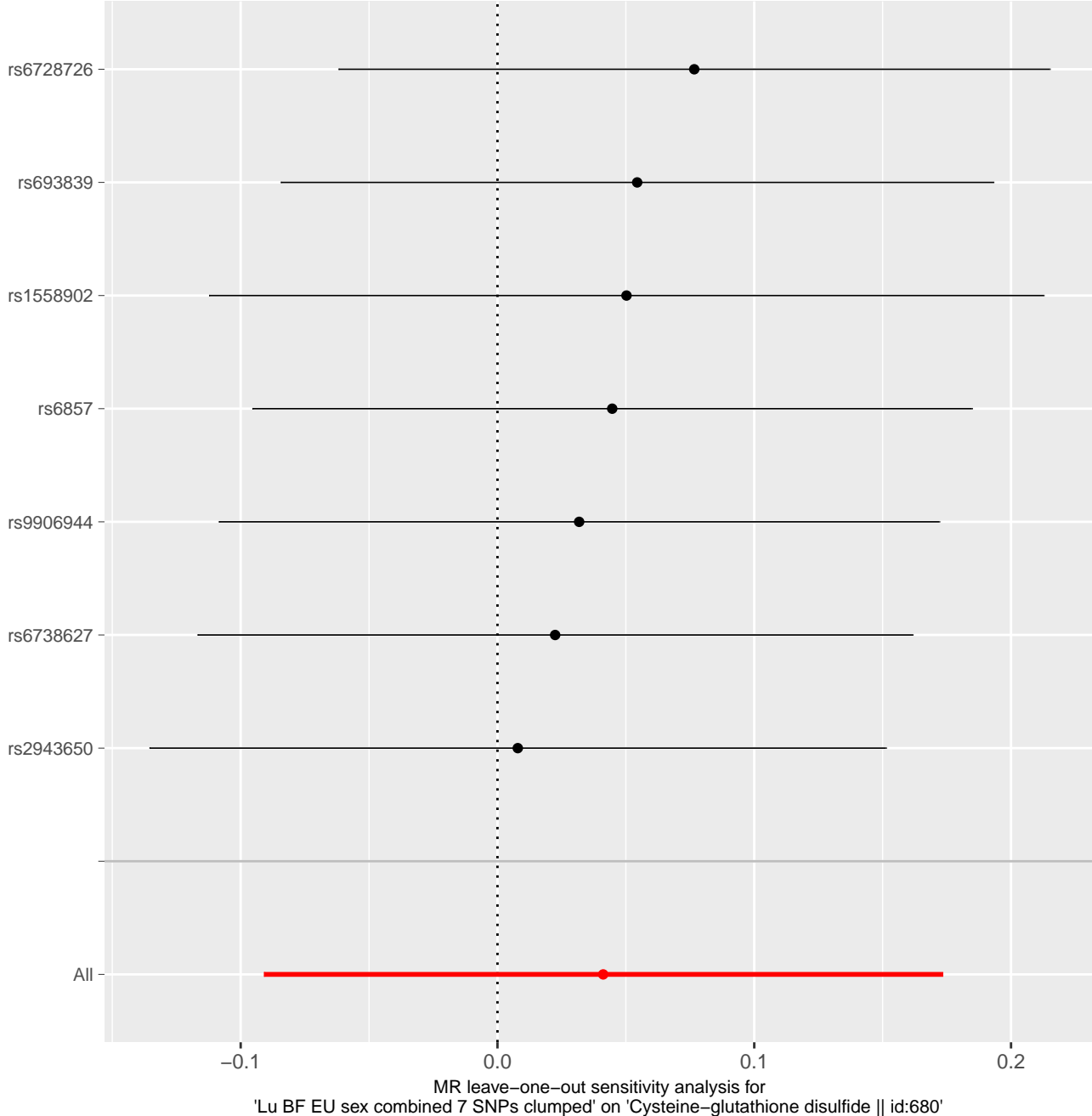
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Pro-hydroxy-pro || id:678'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'N2,N2-dimethylguanosine || id:679'



rs1558902

rs6738627

rs6857

rs693839

rs6728726

rs2943650

rs9906944

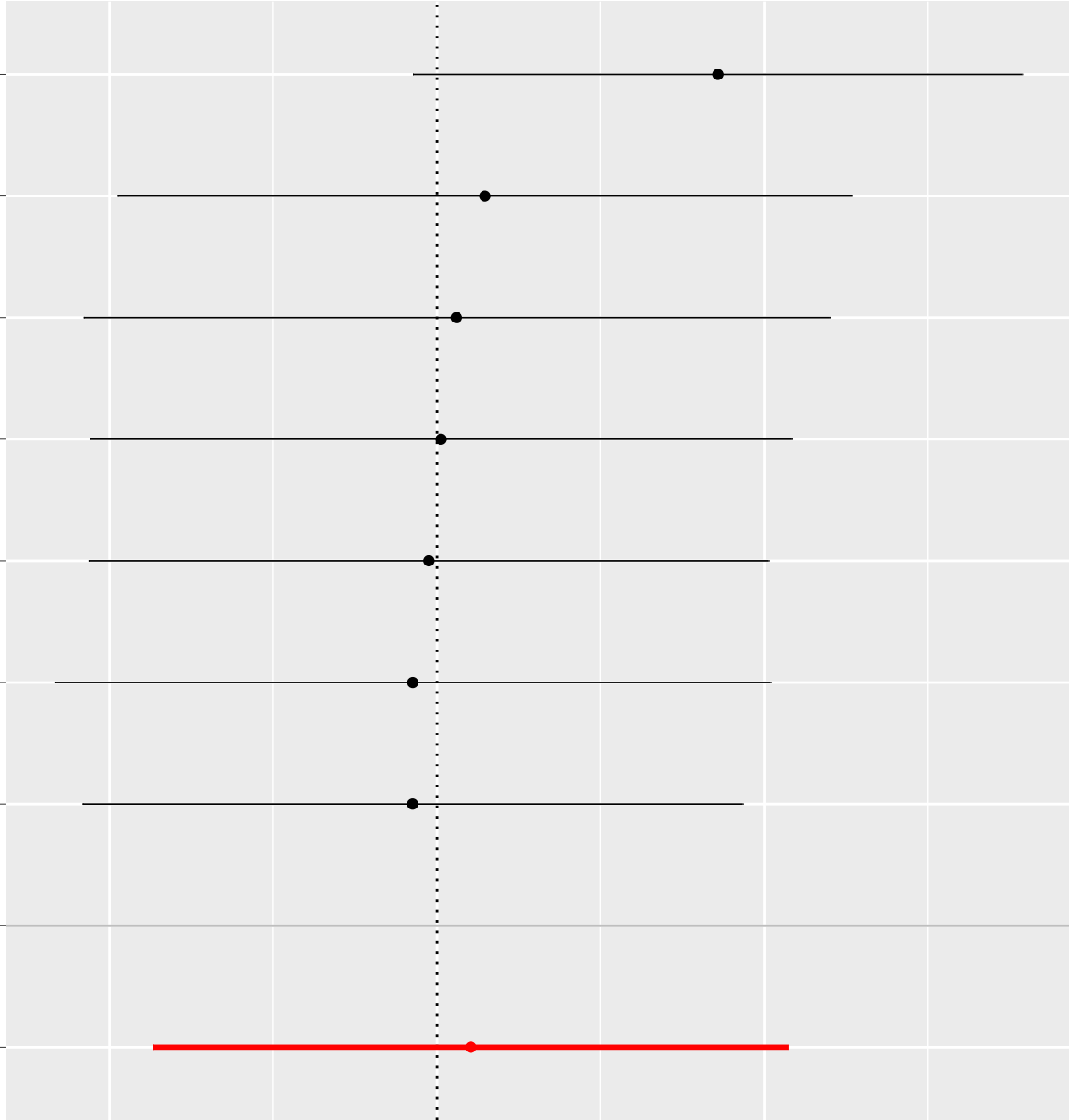
All

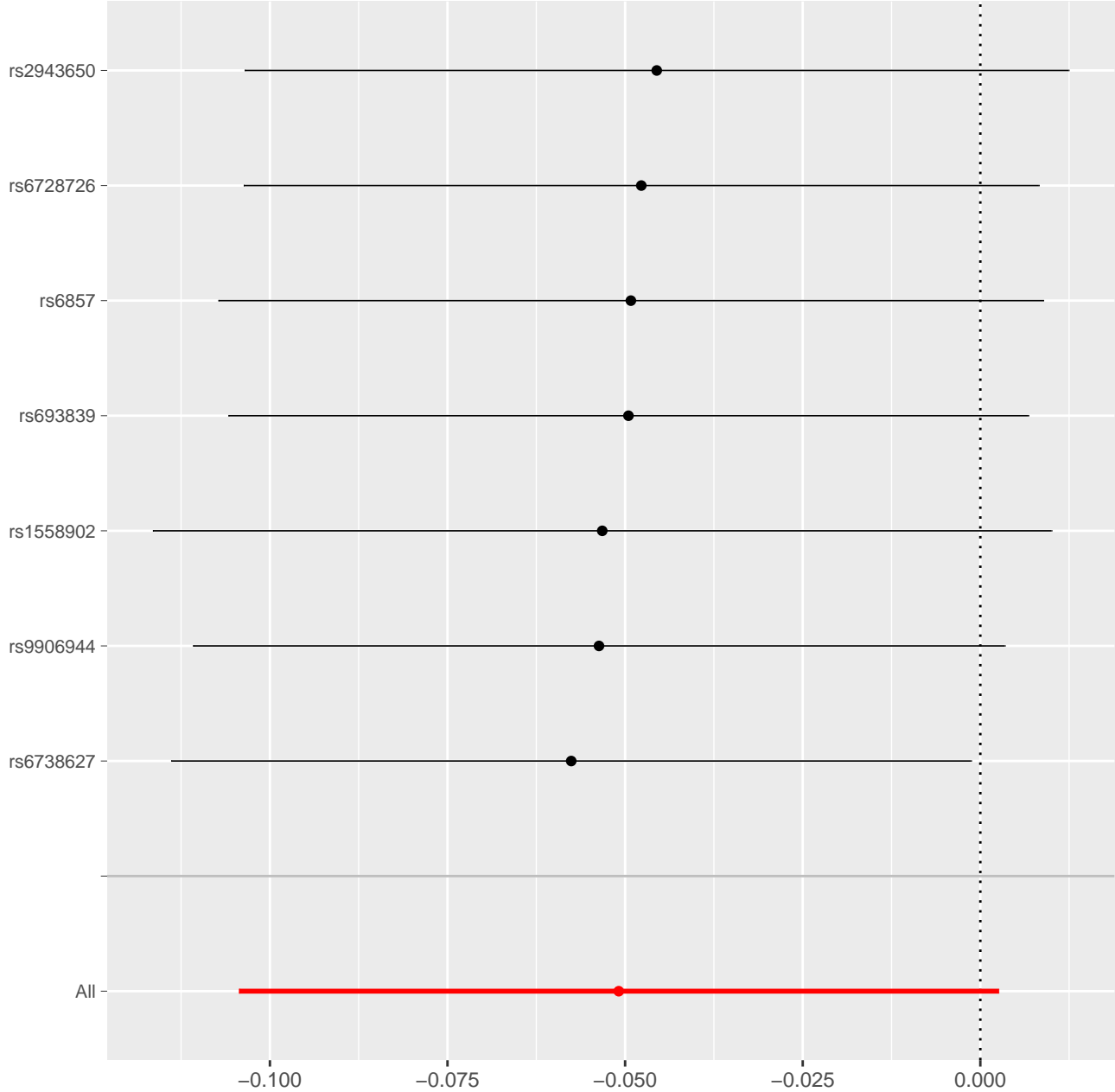
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Oleoylcarnitine || id:681'





rs1558902

rs693839

rs2943650

rs6728726

rs6738627

rs9906944

rs6857

All

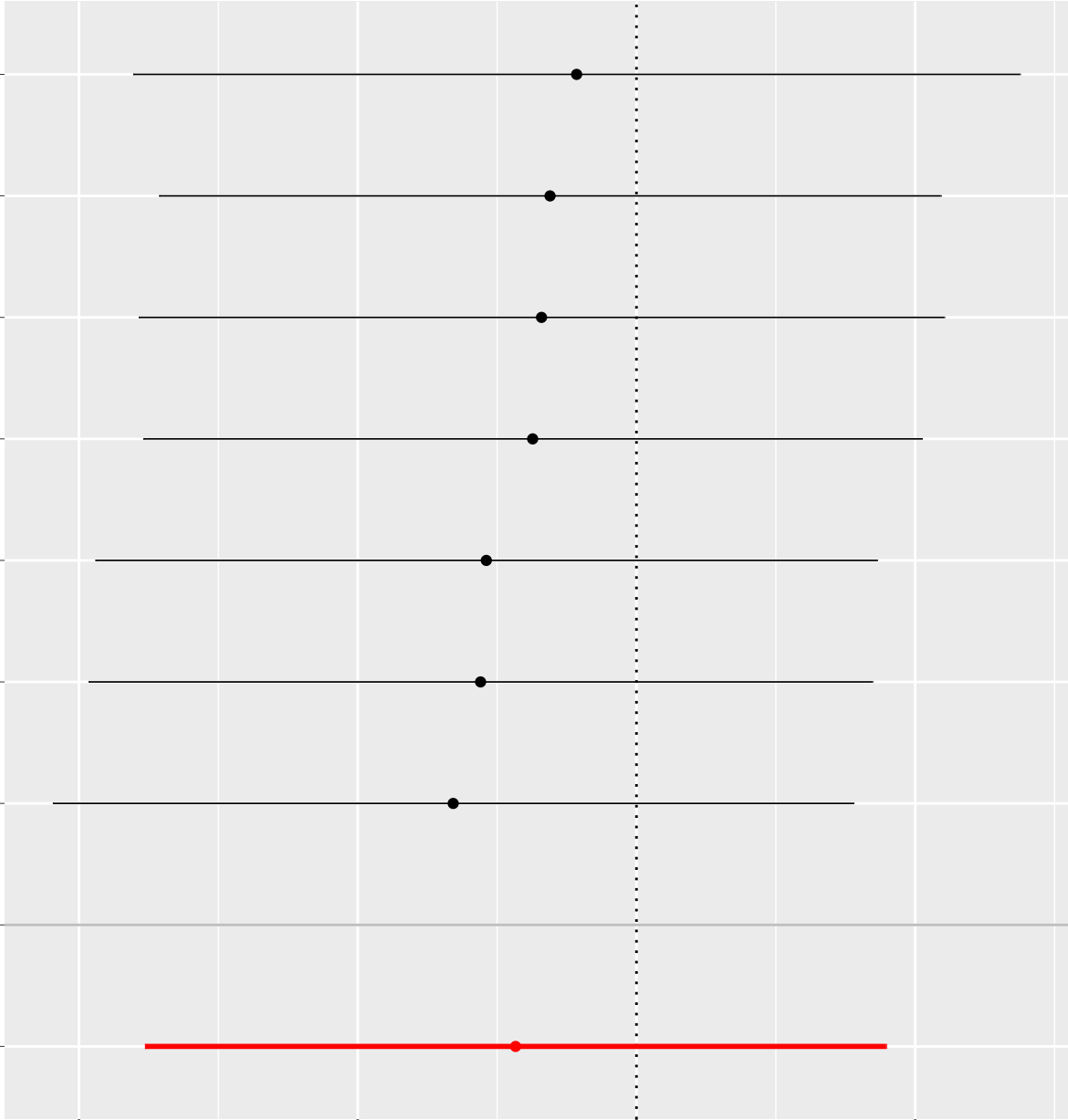
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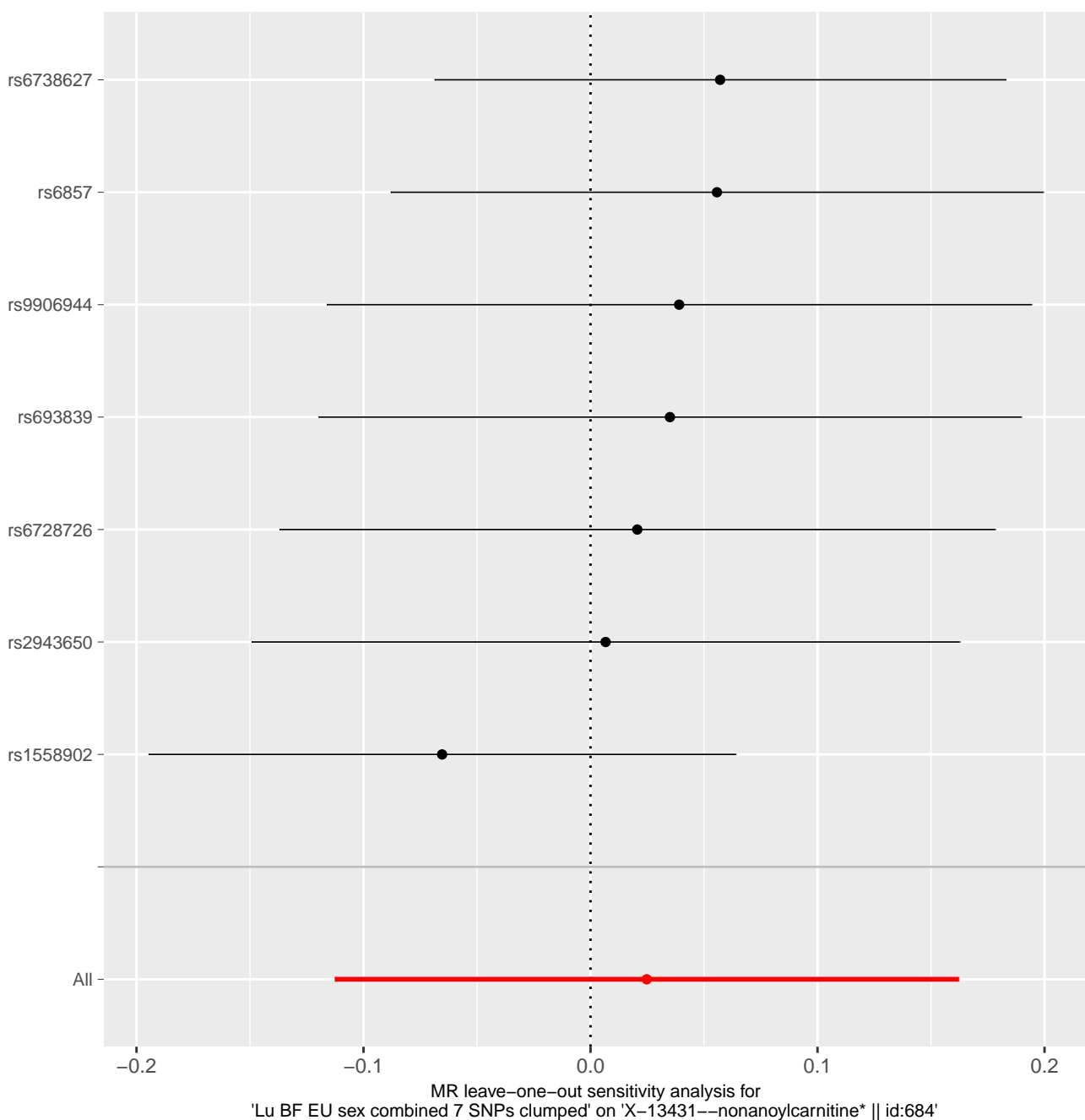
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-13429 || id:683'





rs1558902

rs6857

rs6738627

rs693839

rs9906944

rs6728726

rs2943650

All

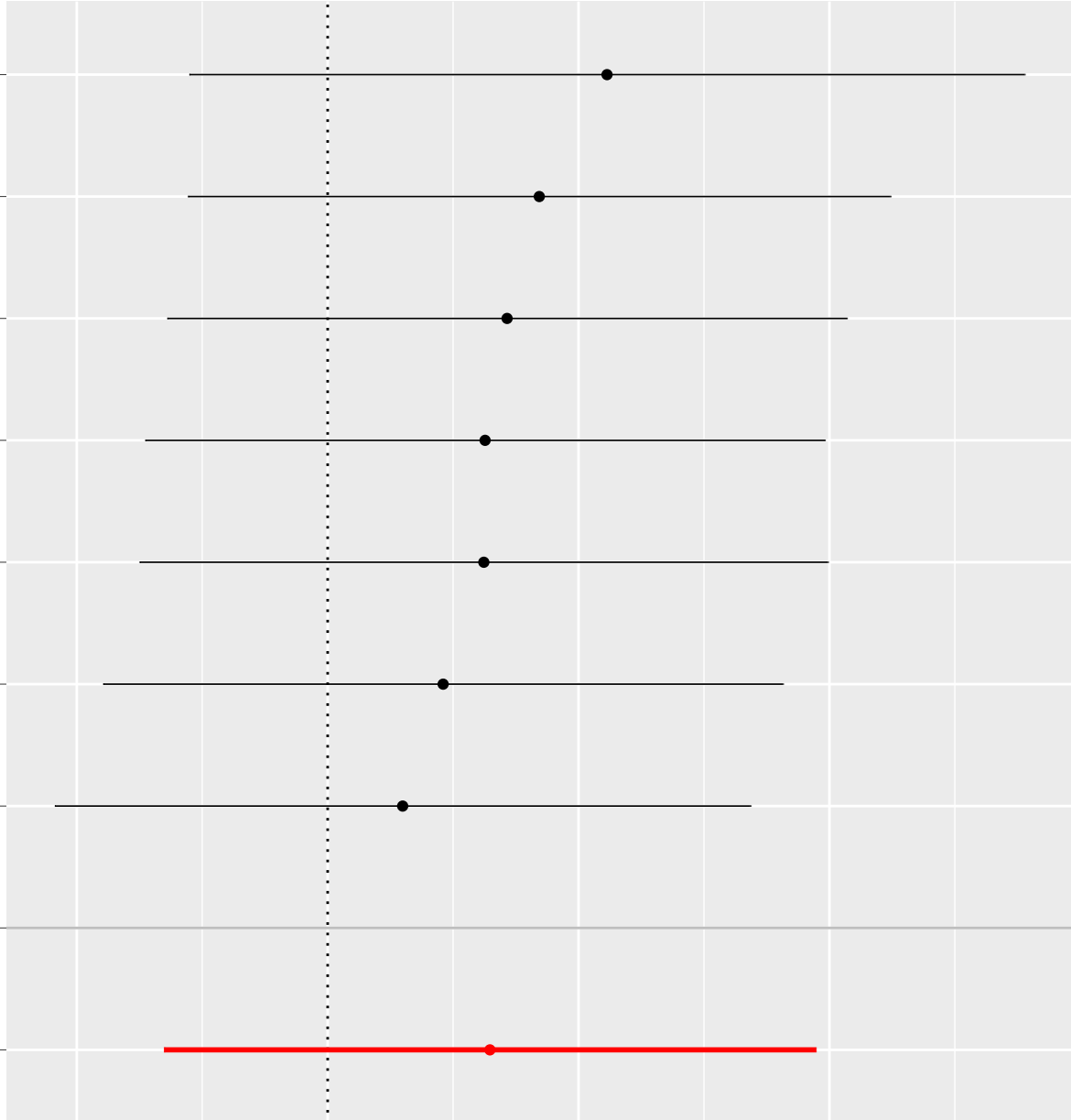
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MR leave-one-out sensitivity analysis for
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rs2943650

rs6728726

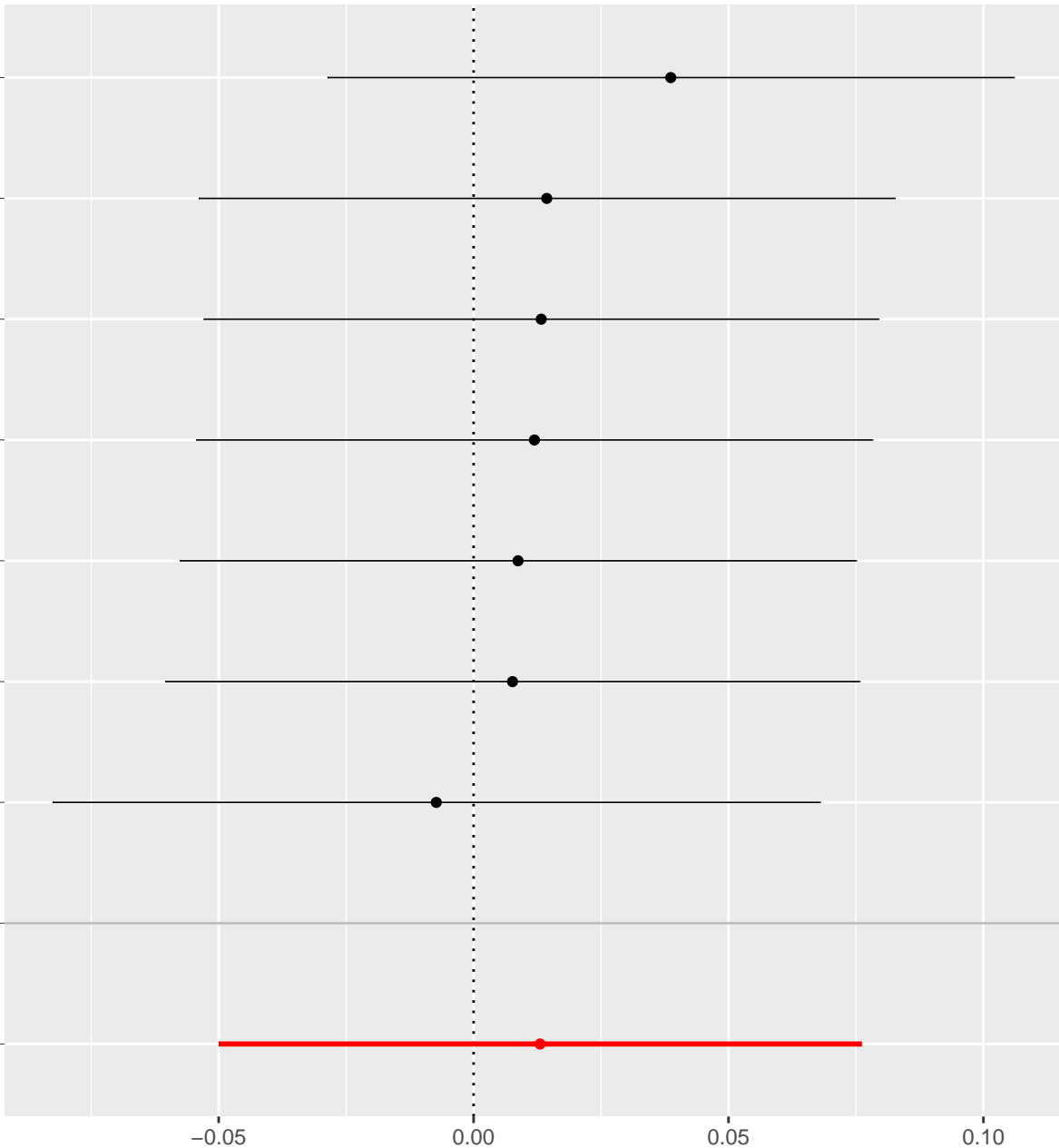
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rs6738627

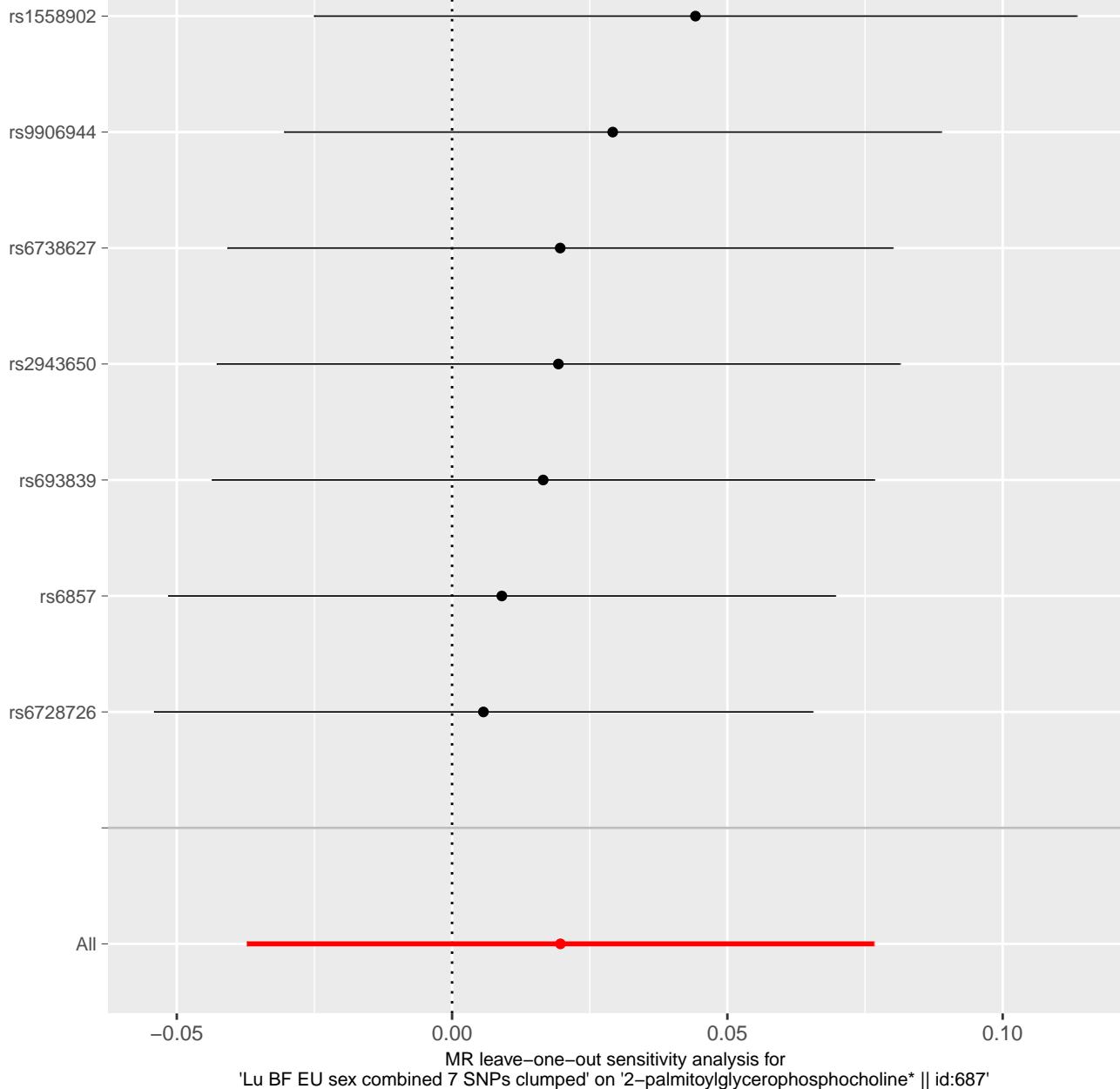
rs6857

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-13477 || id:686'



rs1558902

rs9906944

rs693839

rs6738627

rs6728726

rs2943650

rs6857

All

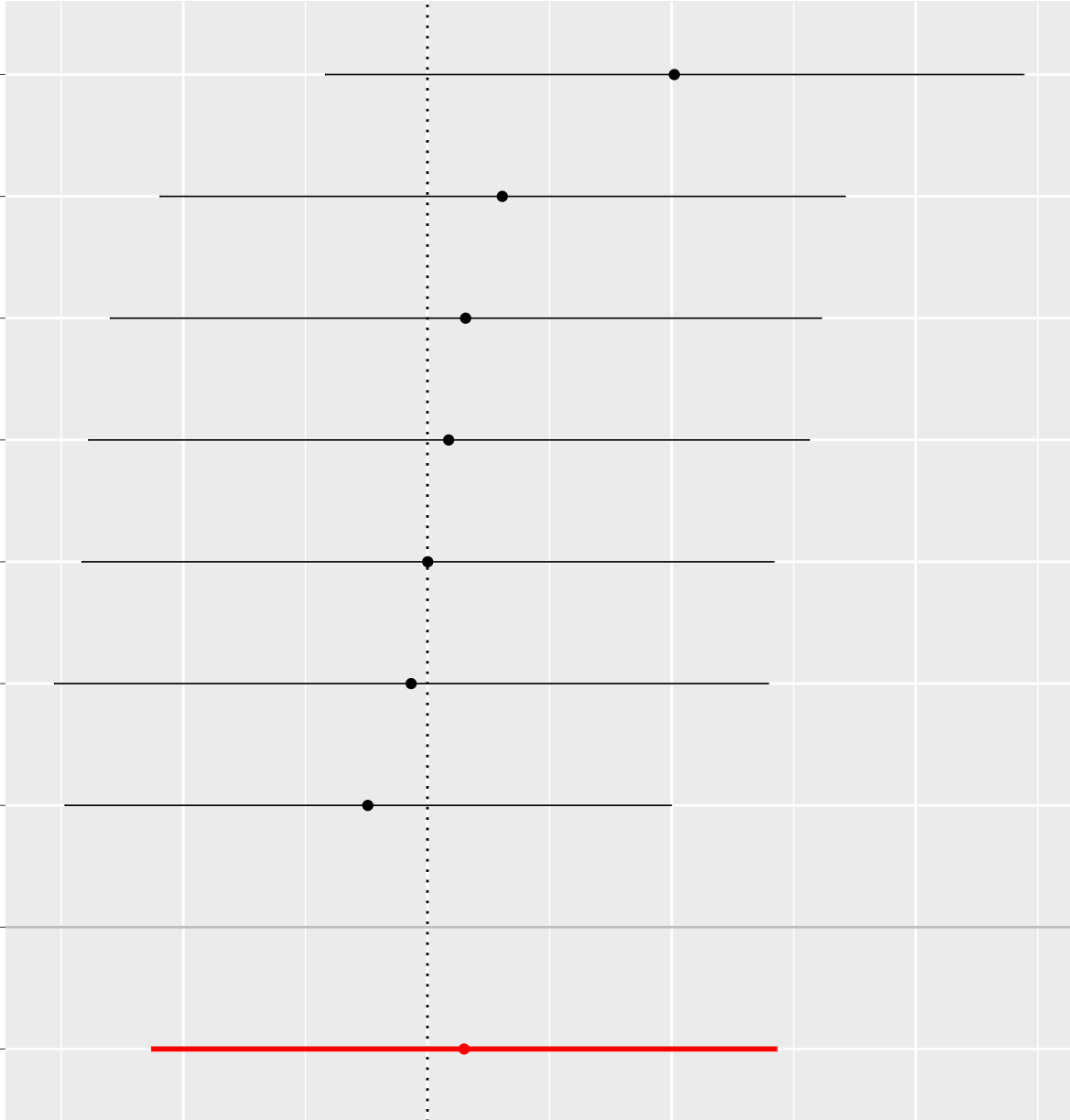
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '2-oleoylglycerophosphocholine* || id:688'



rs9906944

rs6857

rs1558902

rs6738627

rs693839

rs2943650

rs6728726

All

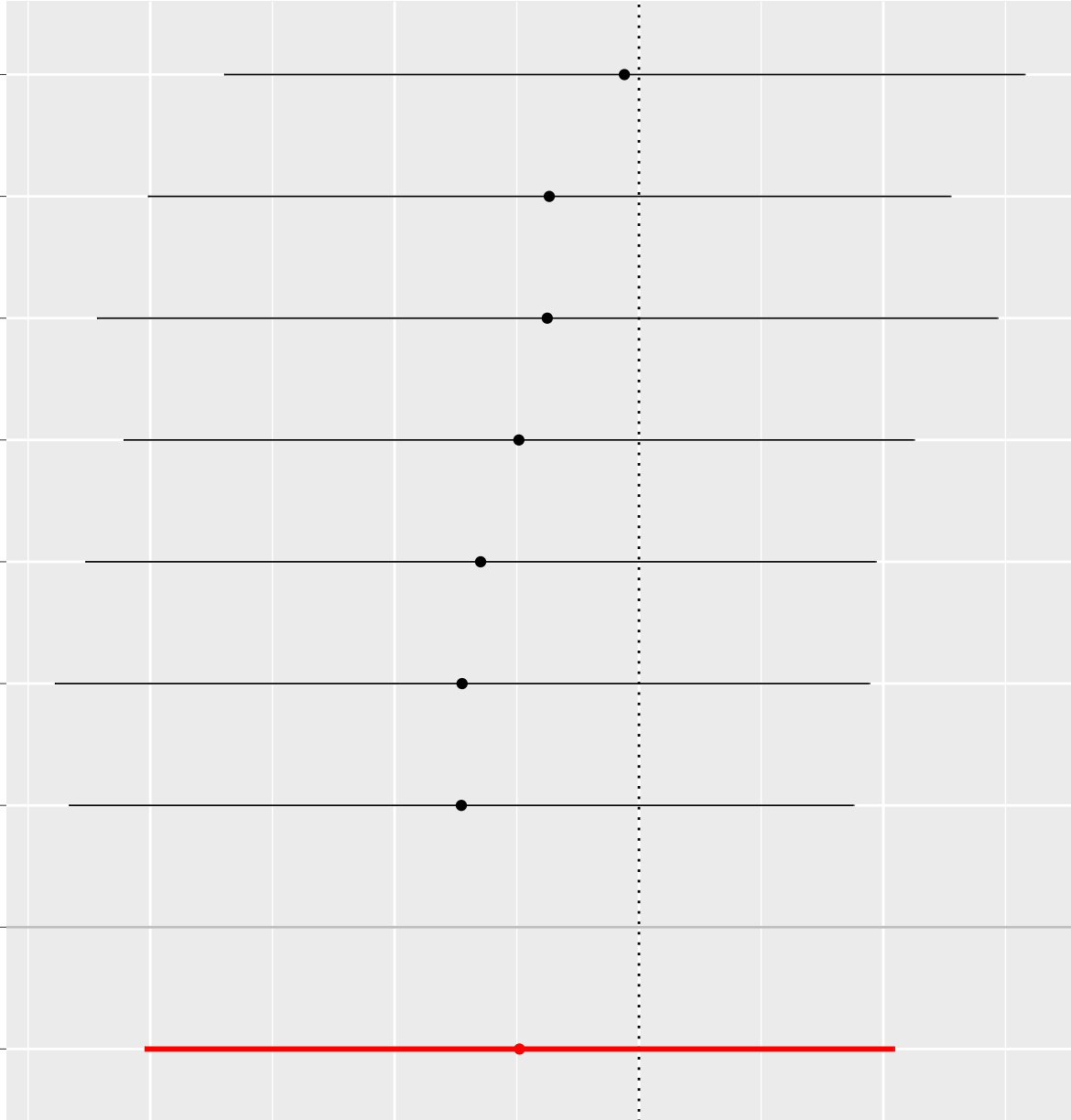
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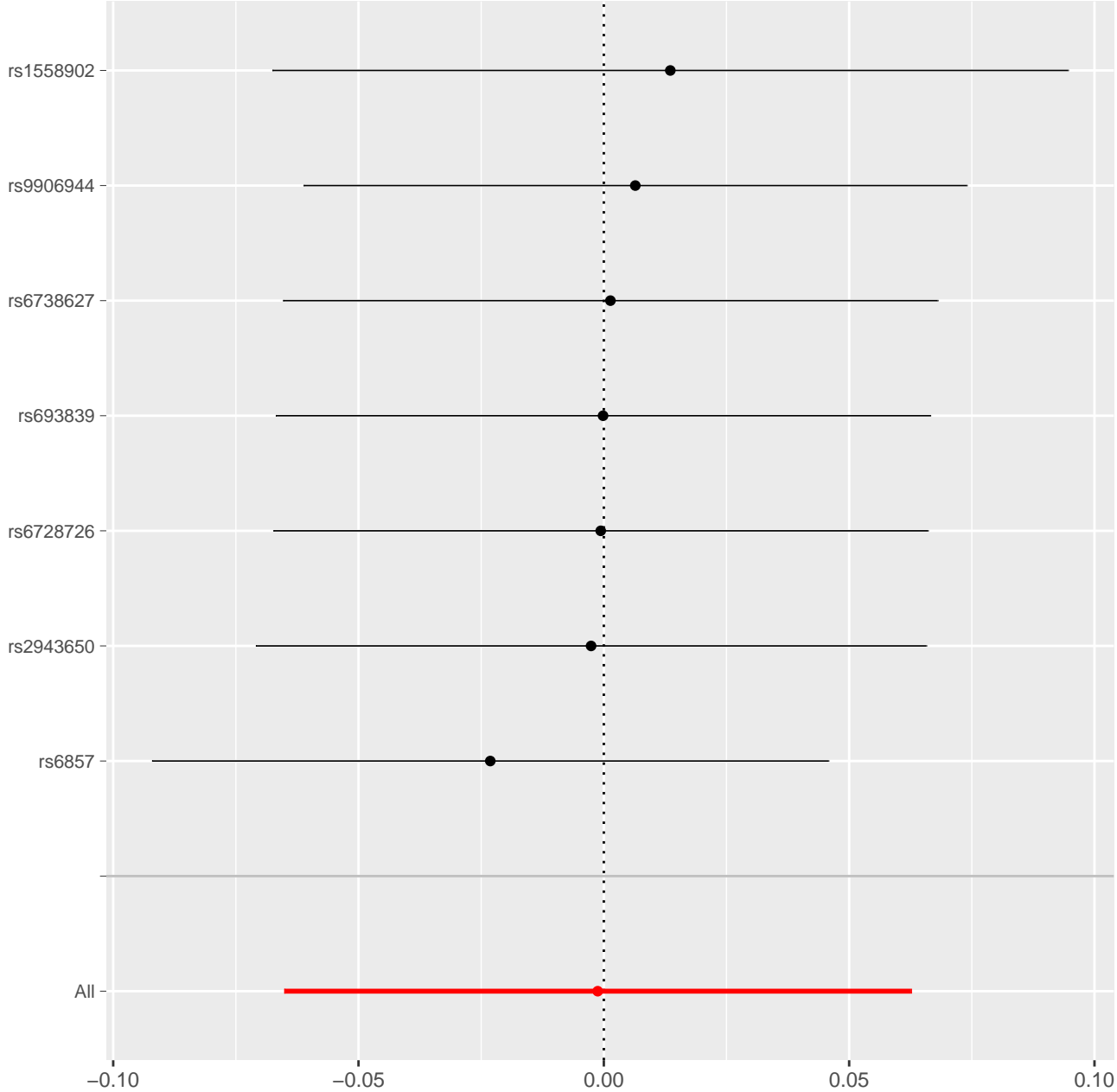
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '2-stearoylglycerophosphocholine* || id:689'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '2-linoleoylglycerophosphocholine* || id:690'

rs9906944

rs6728726

rs1558902

rs693839

rs6738627

rs2943650

rs6857

All

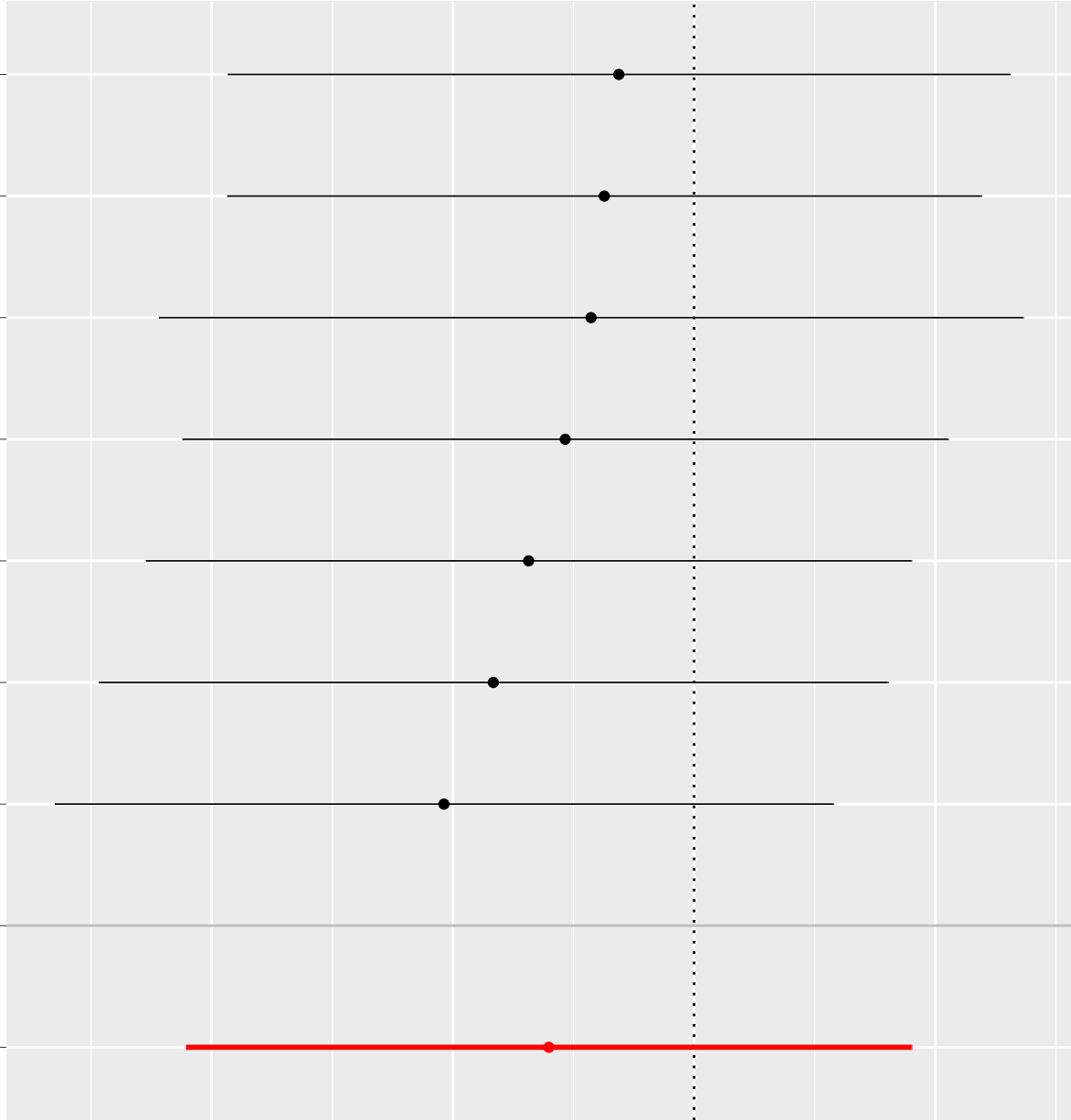
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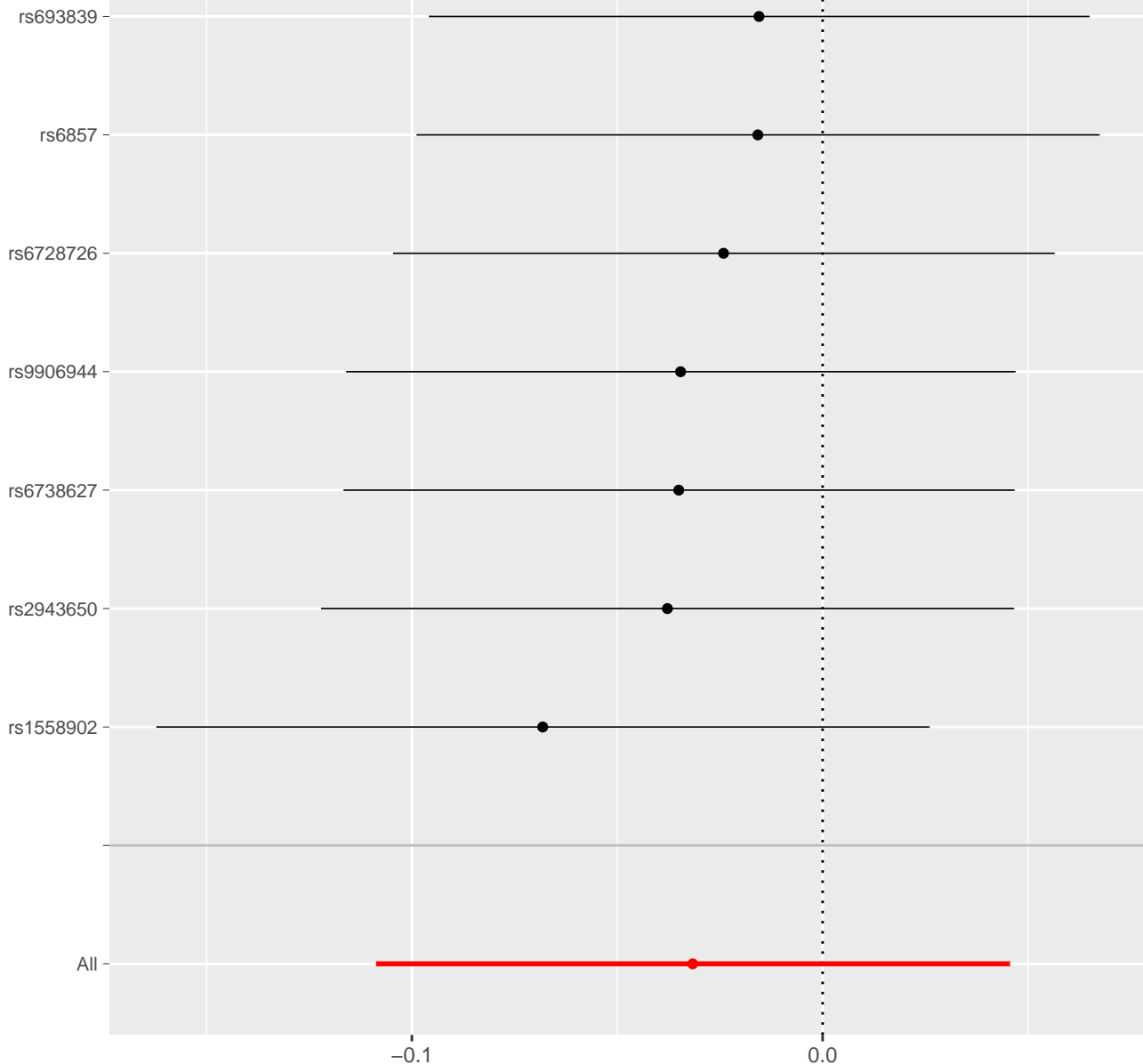
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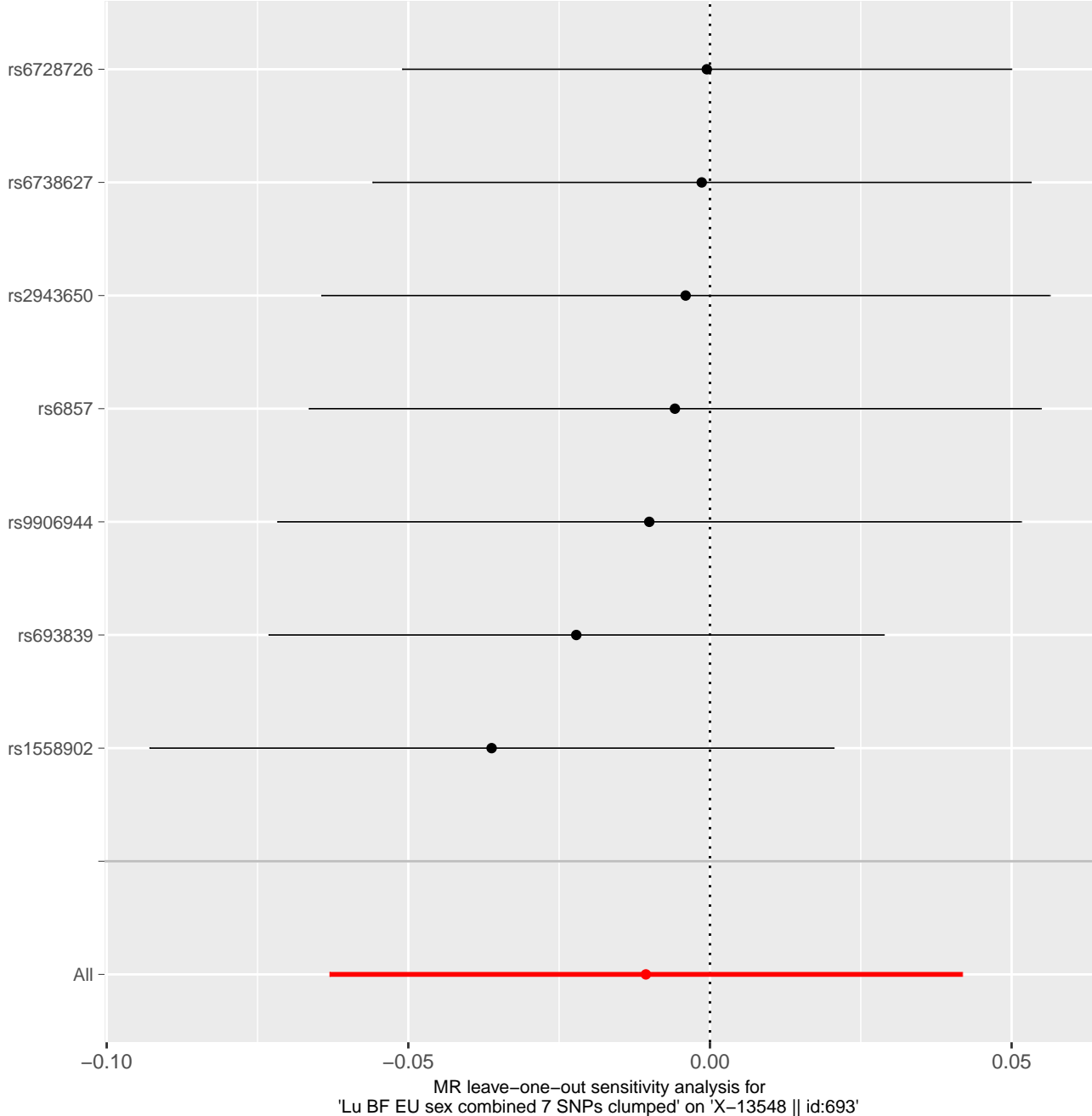
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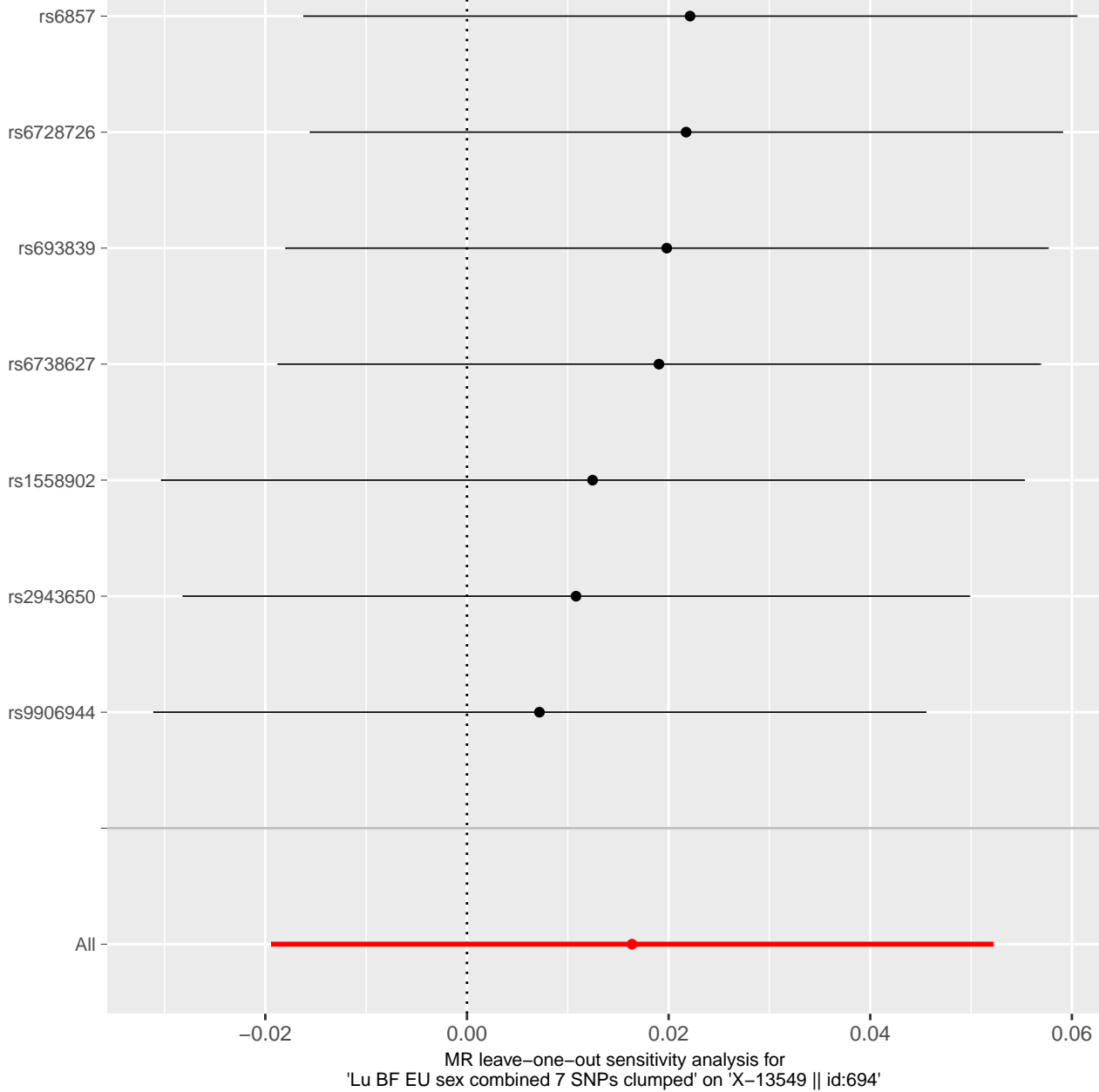
MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-13496 || id:691'

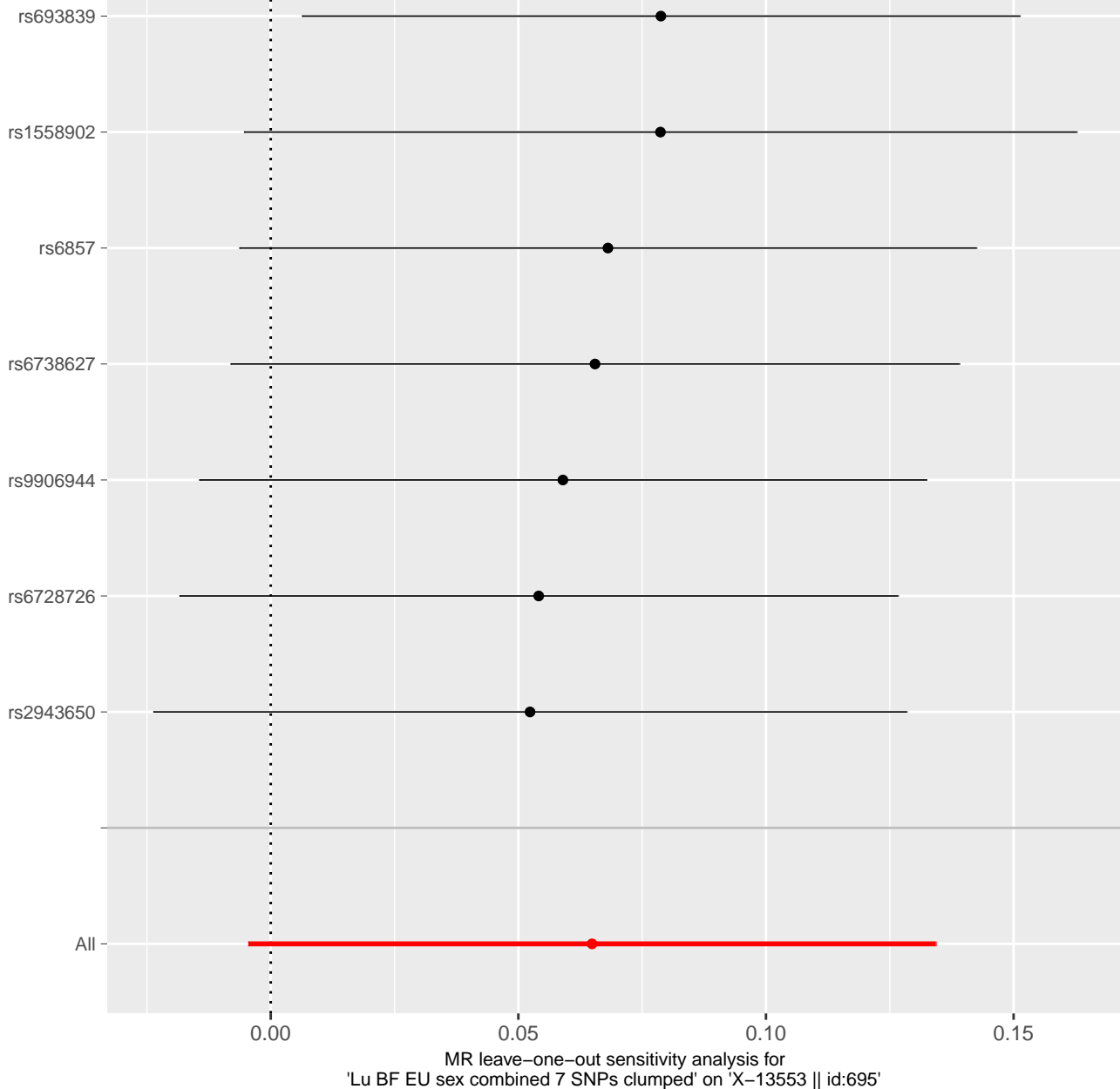




MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-palmitoylglycerophosphoinositol' || id:692'







rs2943650

rs693839

rs9906944

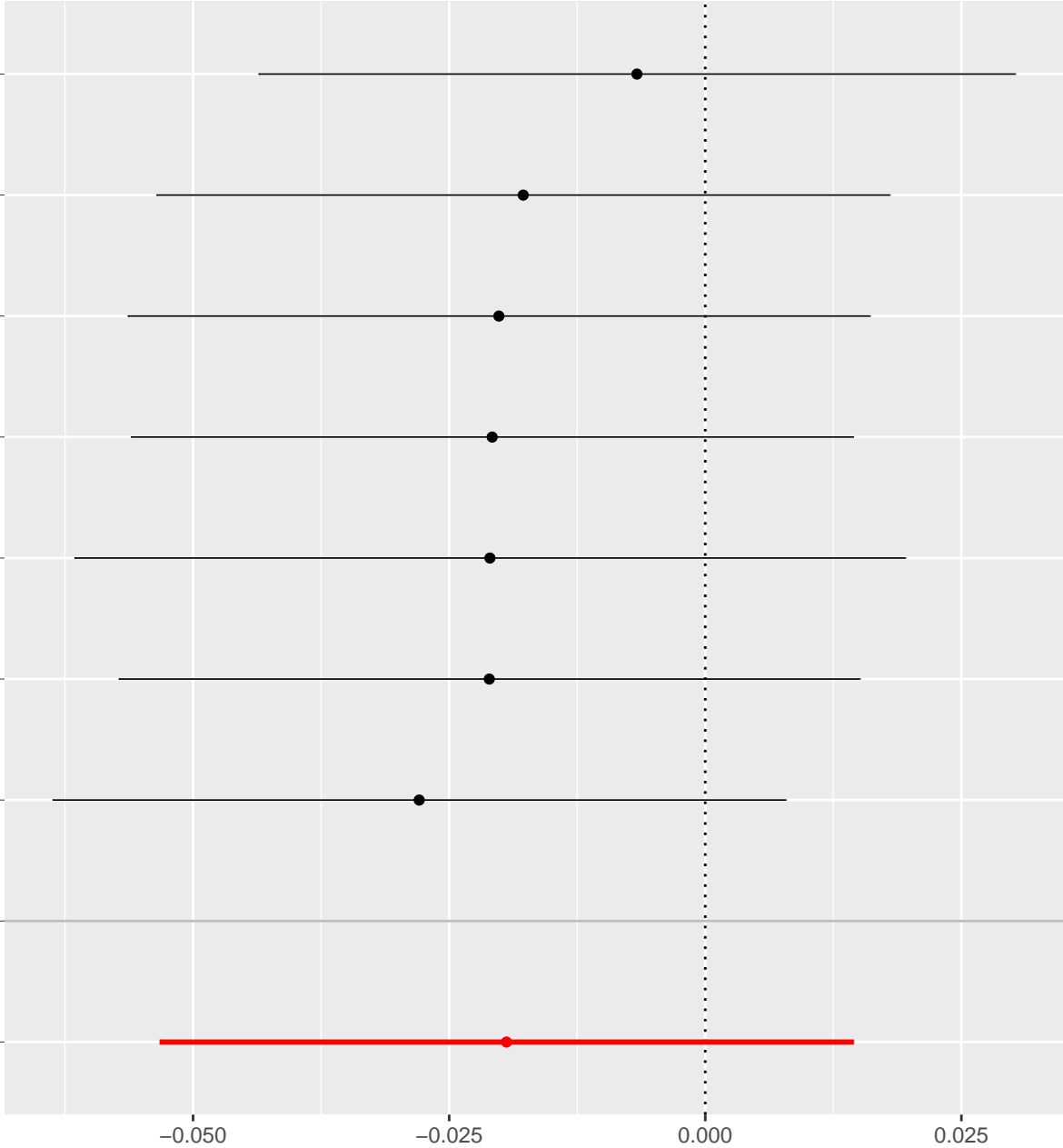
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rs1558902

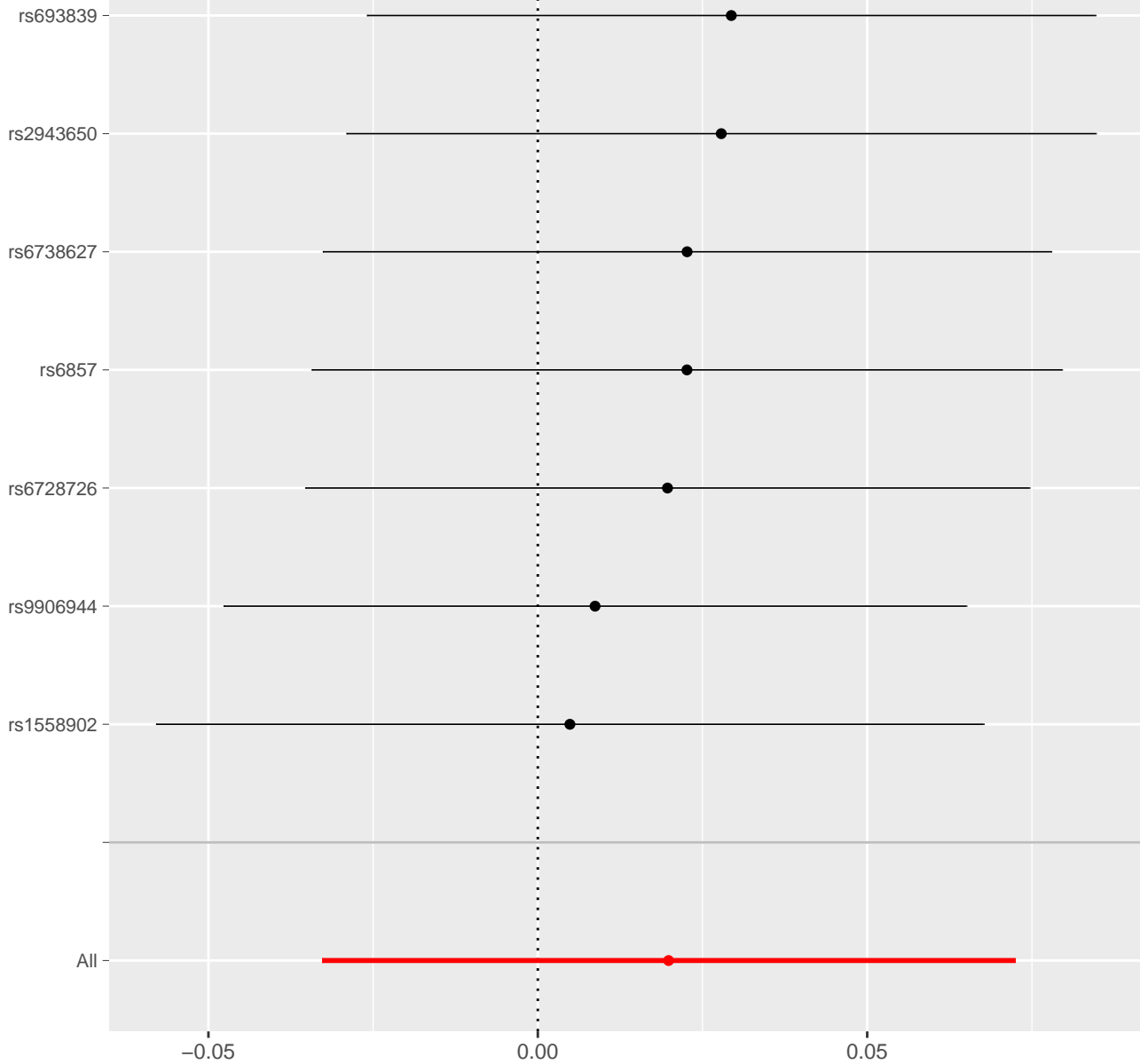
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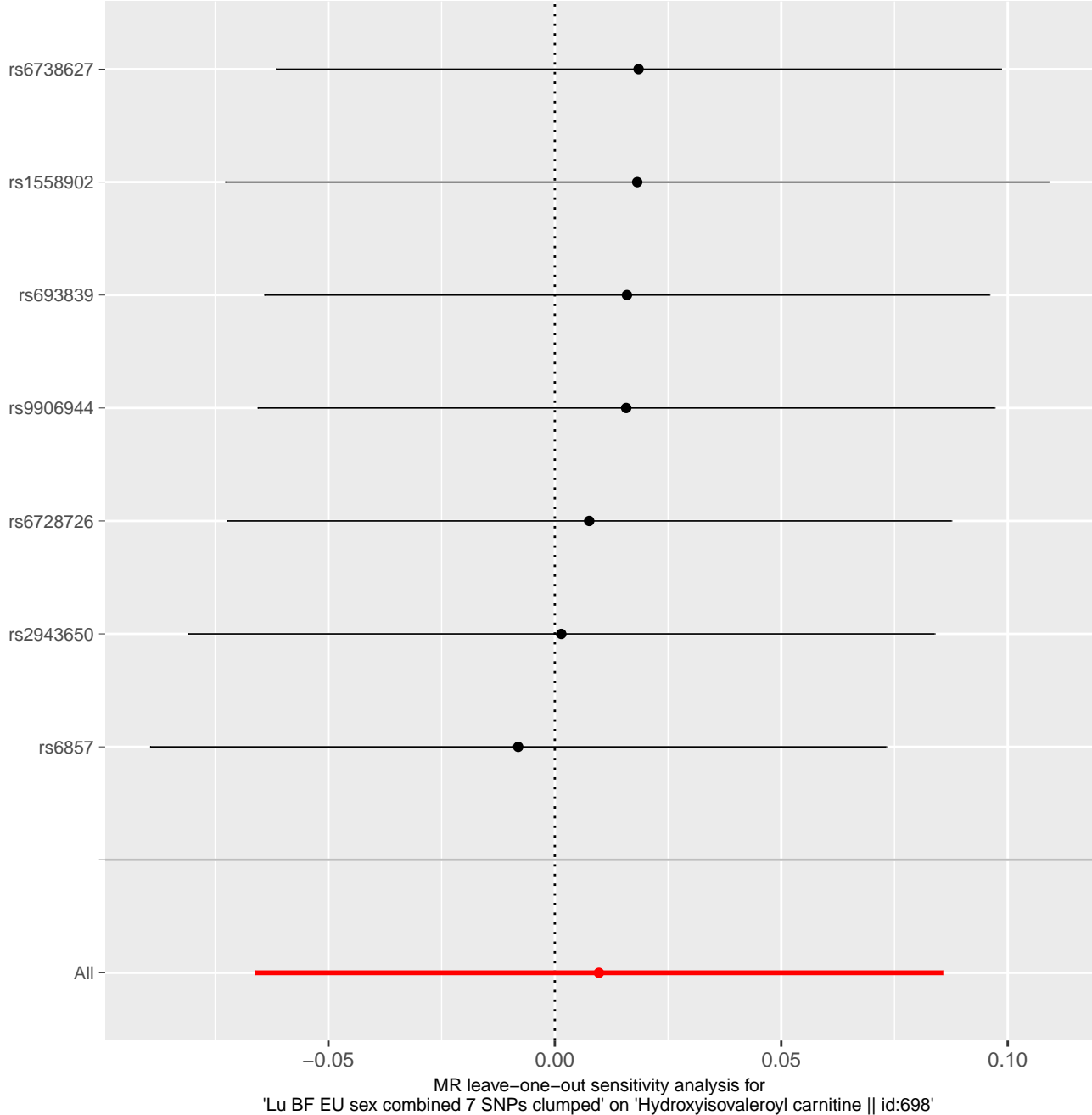
rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-13619 || id:696'





rs1558902

rs6728726

rs693839

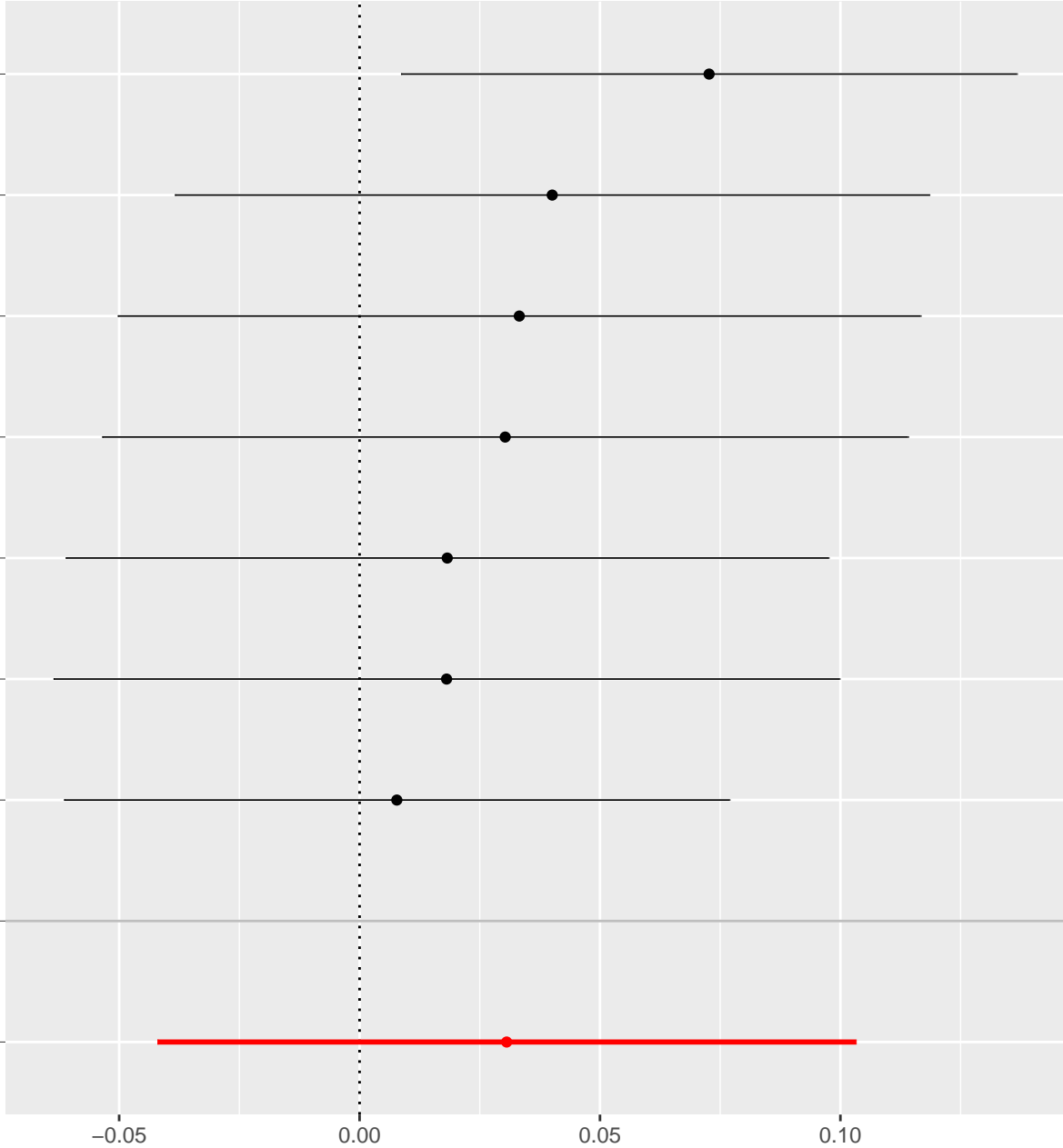
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rs9906944

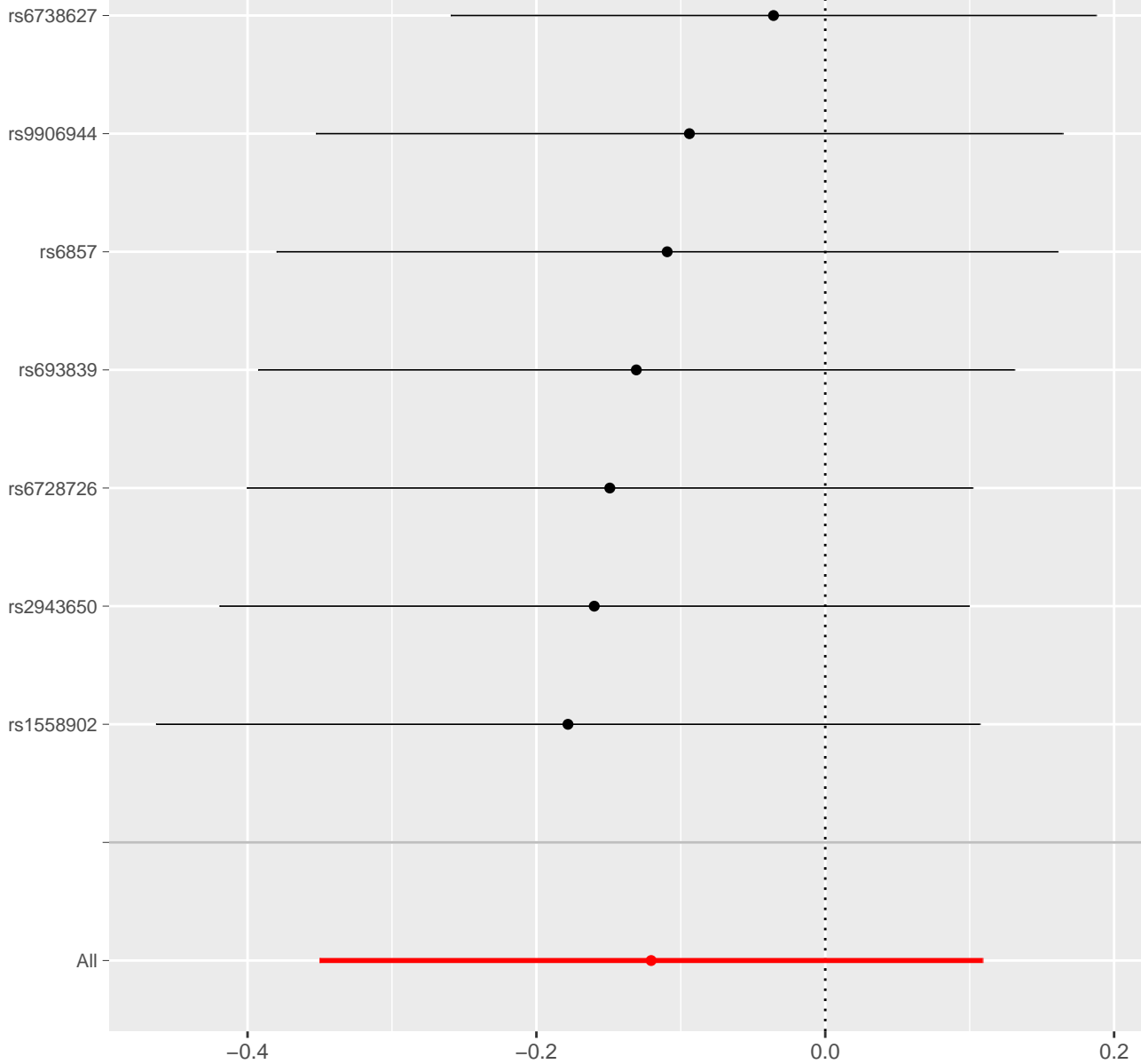
rs6857

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Glutaryl carnitine || id:699'



rs693839

rs9906944

rs6728726

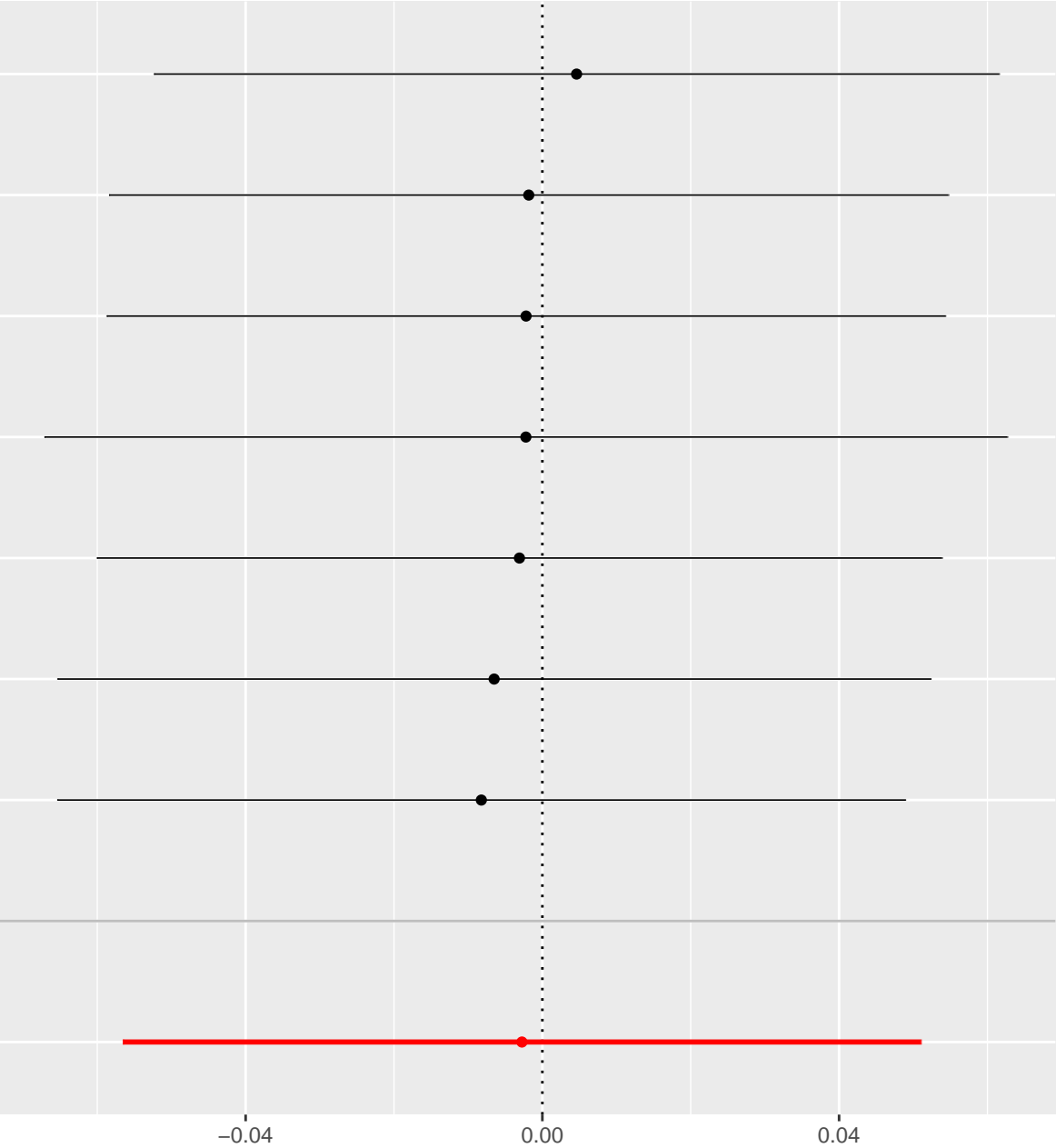
rs1558902

rs6738627

rs2943650

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-13671 || id:701'

rs1558902

rs6857

rs693839

rs6728726

rs9906944

rs6738627

rs2943650

All

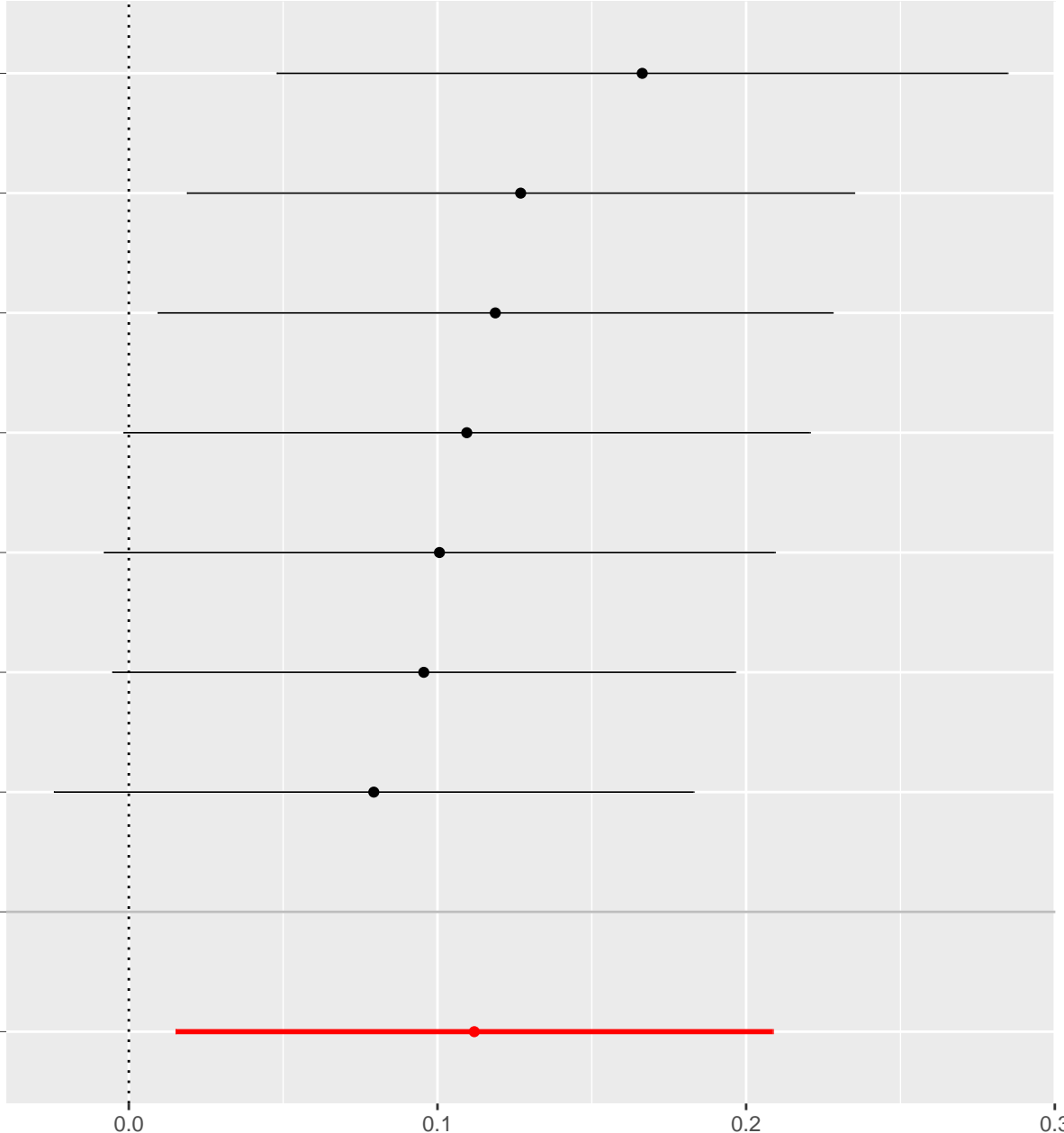
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0.1

0.2

0.3

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '2-tetradecenoyl carnitine || id:702'



rs9906944

rs2943650

rs693839

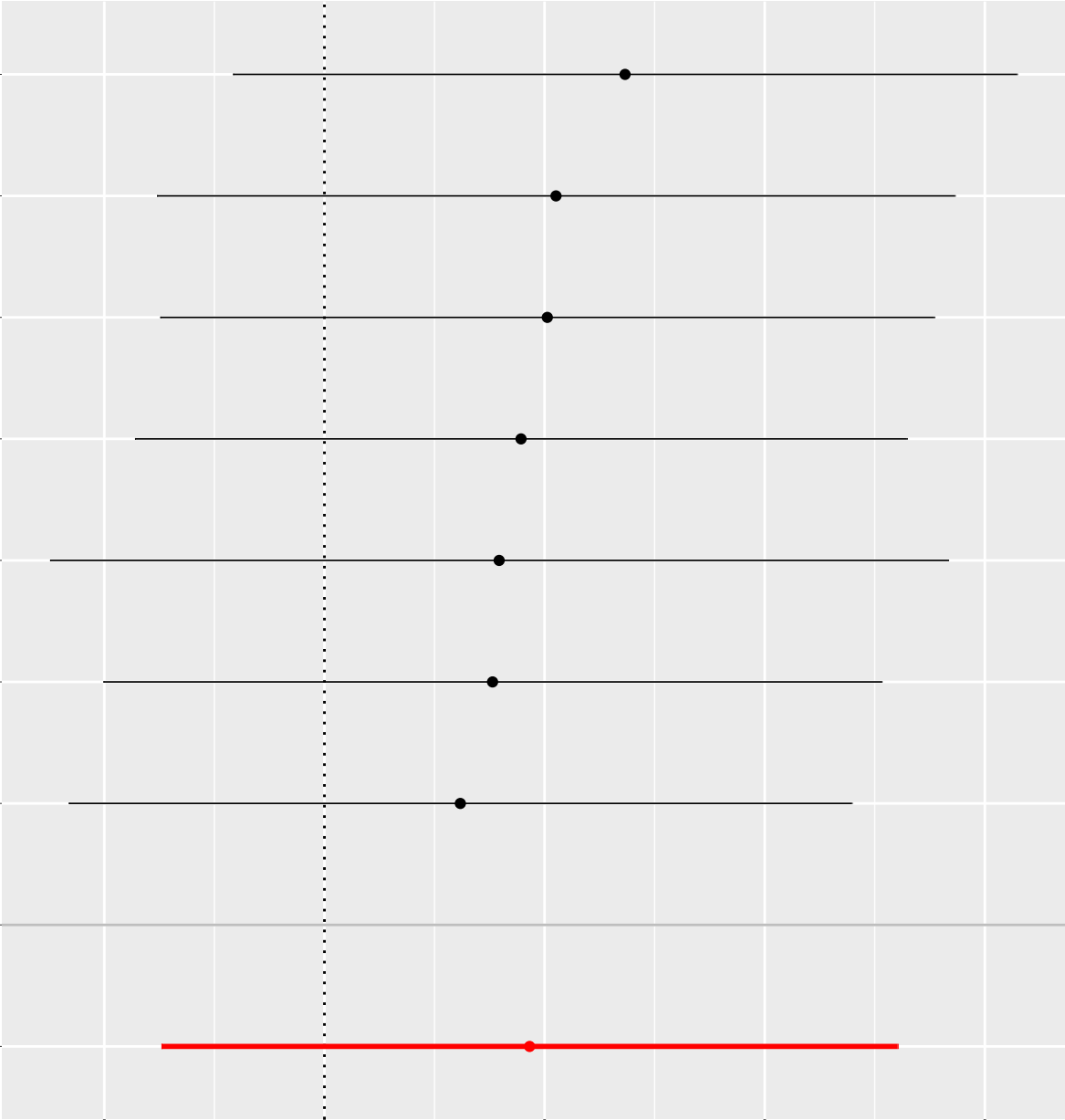
rs6728726

rs1558902

rs6738627

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '4-hydroxyhippurate || id:703'

rs2943650

rs6857

rs693839

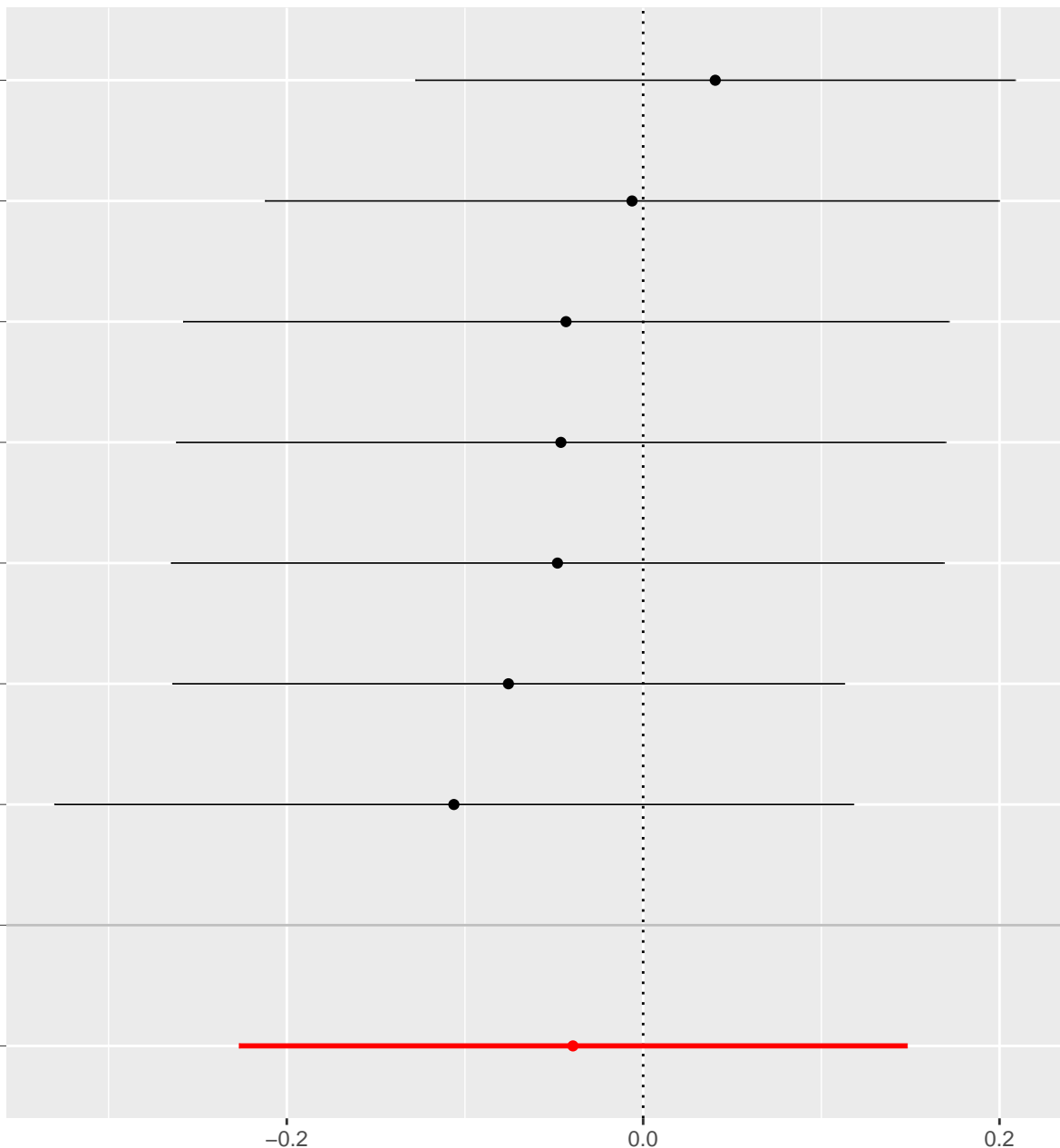
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rs9906944

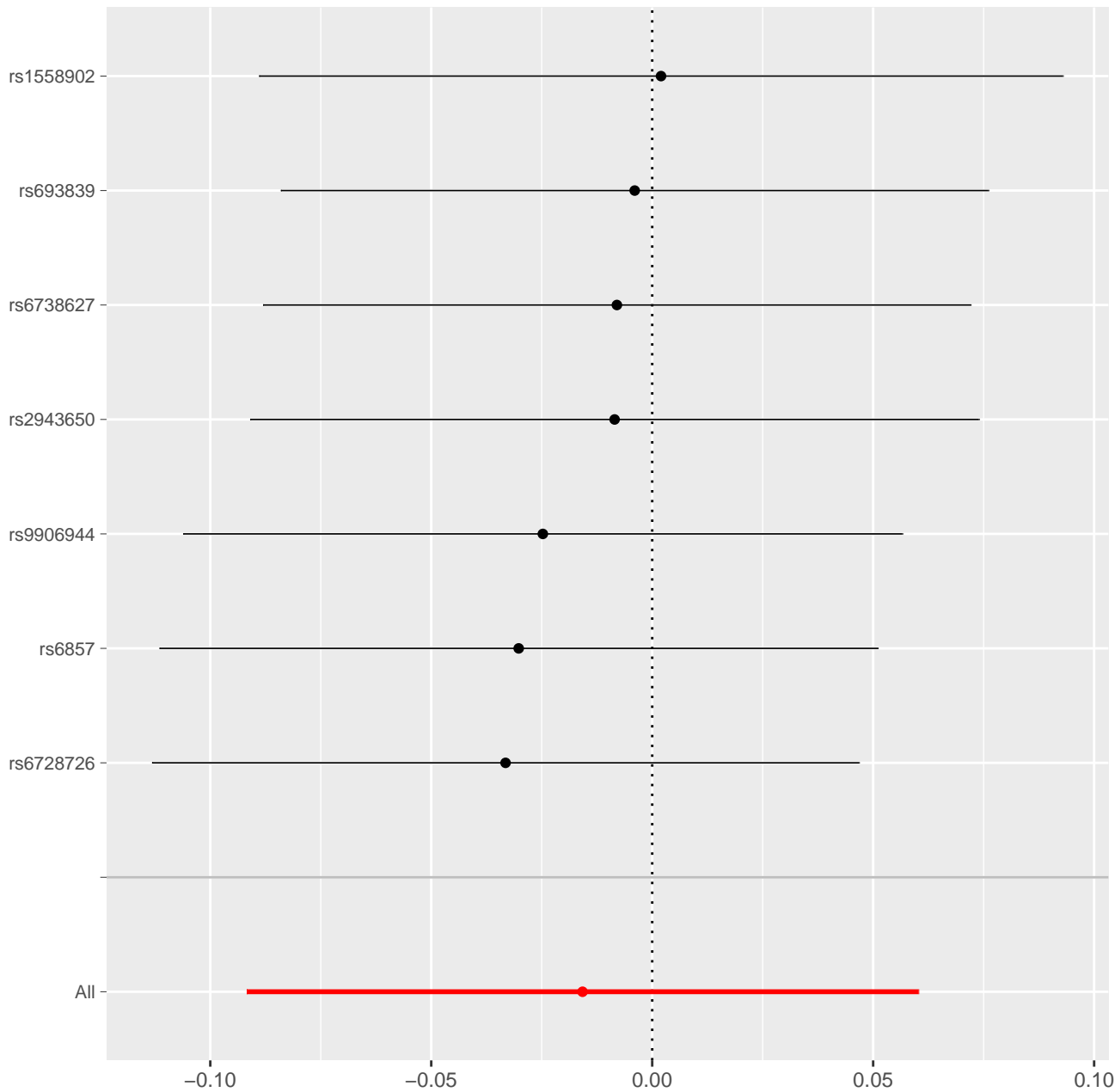
rs6728726

rs1558902

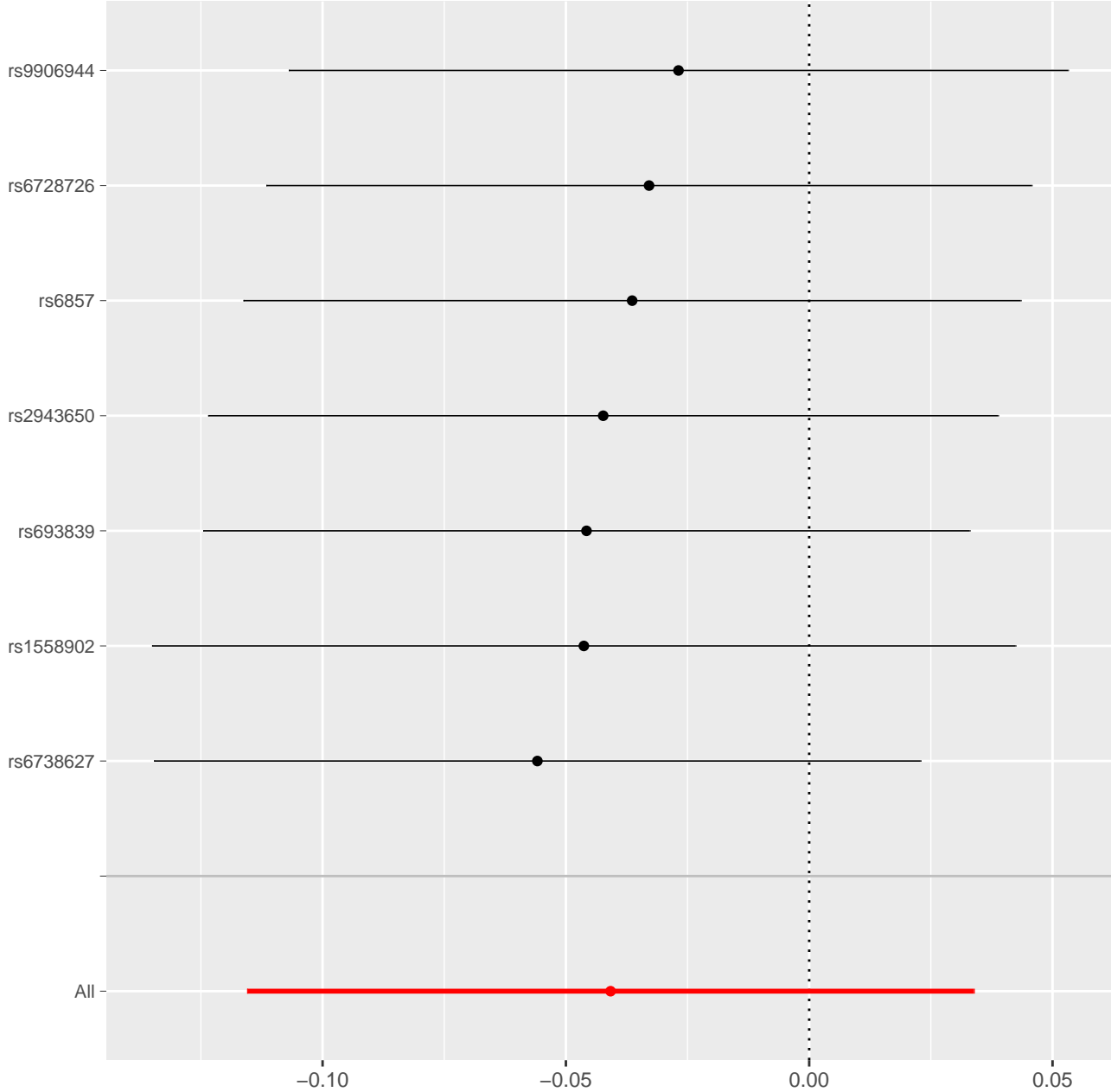
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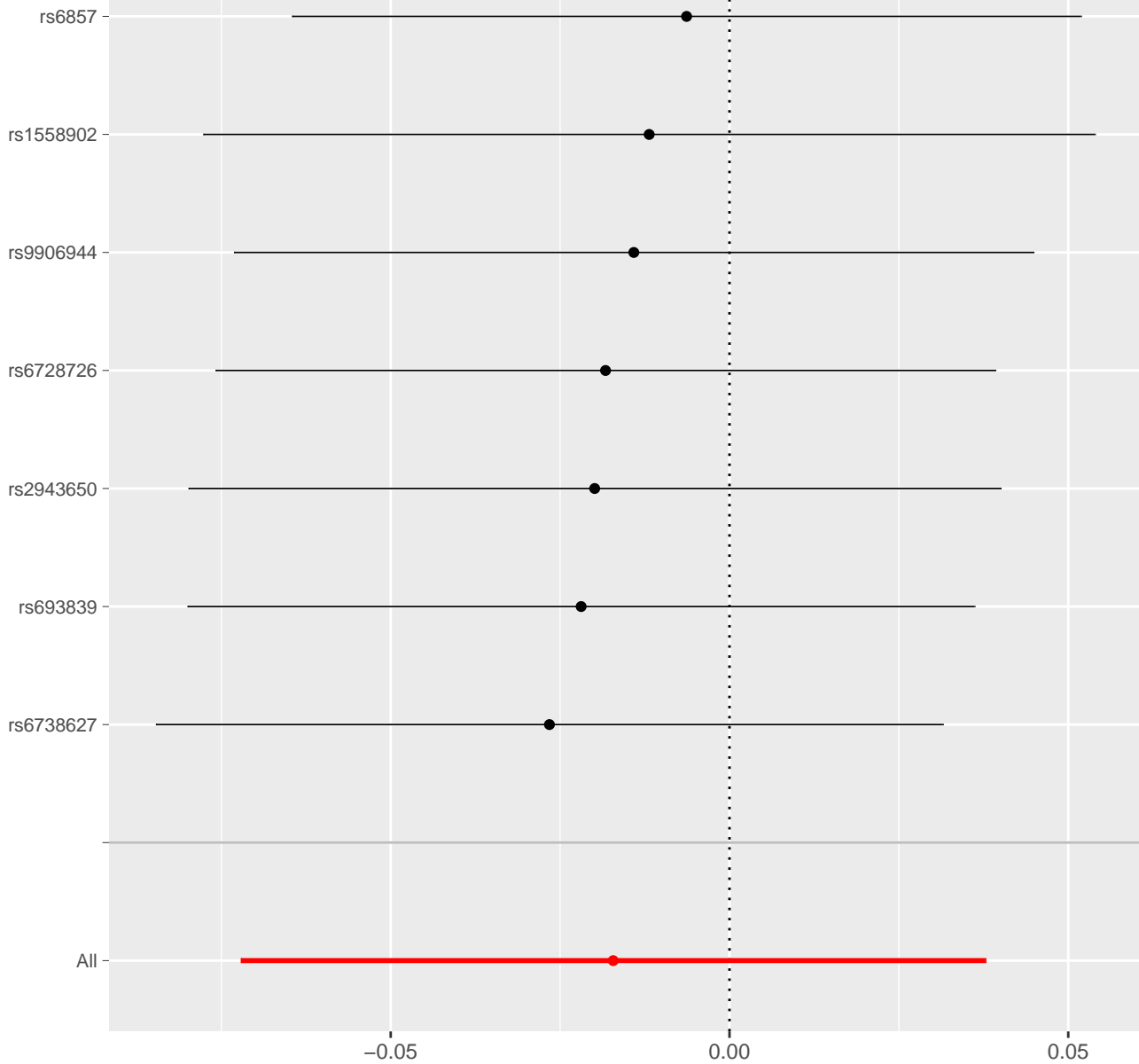


MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-13741 || id:704'

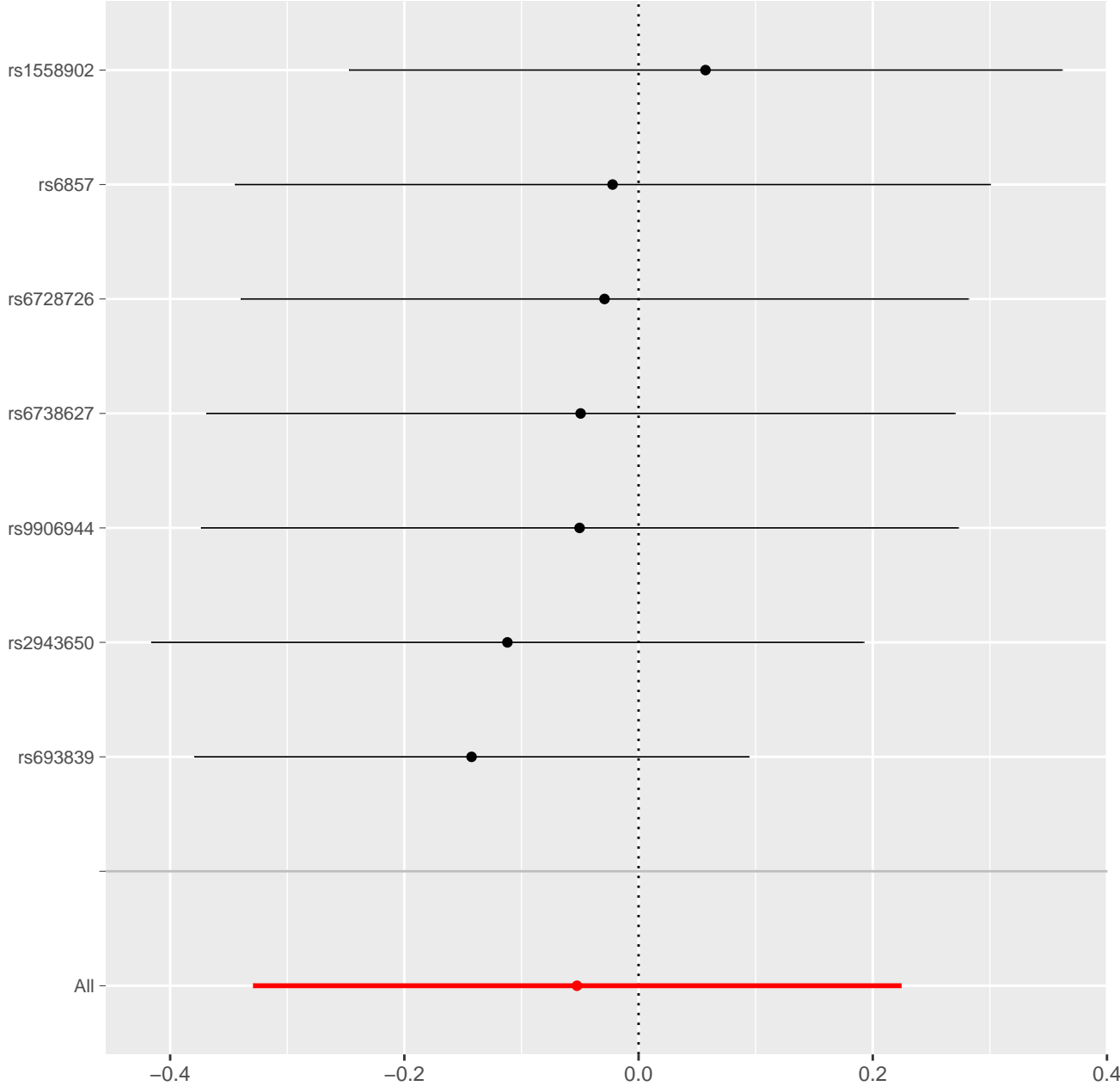


MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-myristoylglycerophosphocholine || id:705'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '1-palmitoylglycerophosphoethanolamine || id:707'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '3-(3-hydroxyphenyl)propionate || id:708'

rs6857

rs1558902

rs9906944

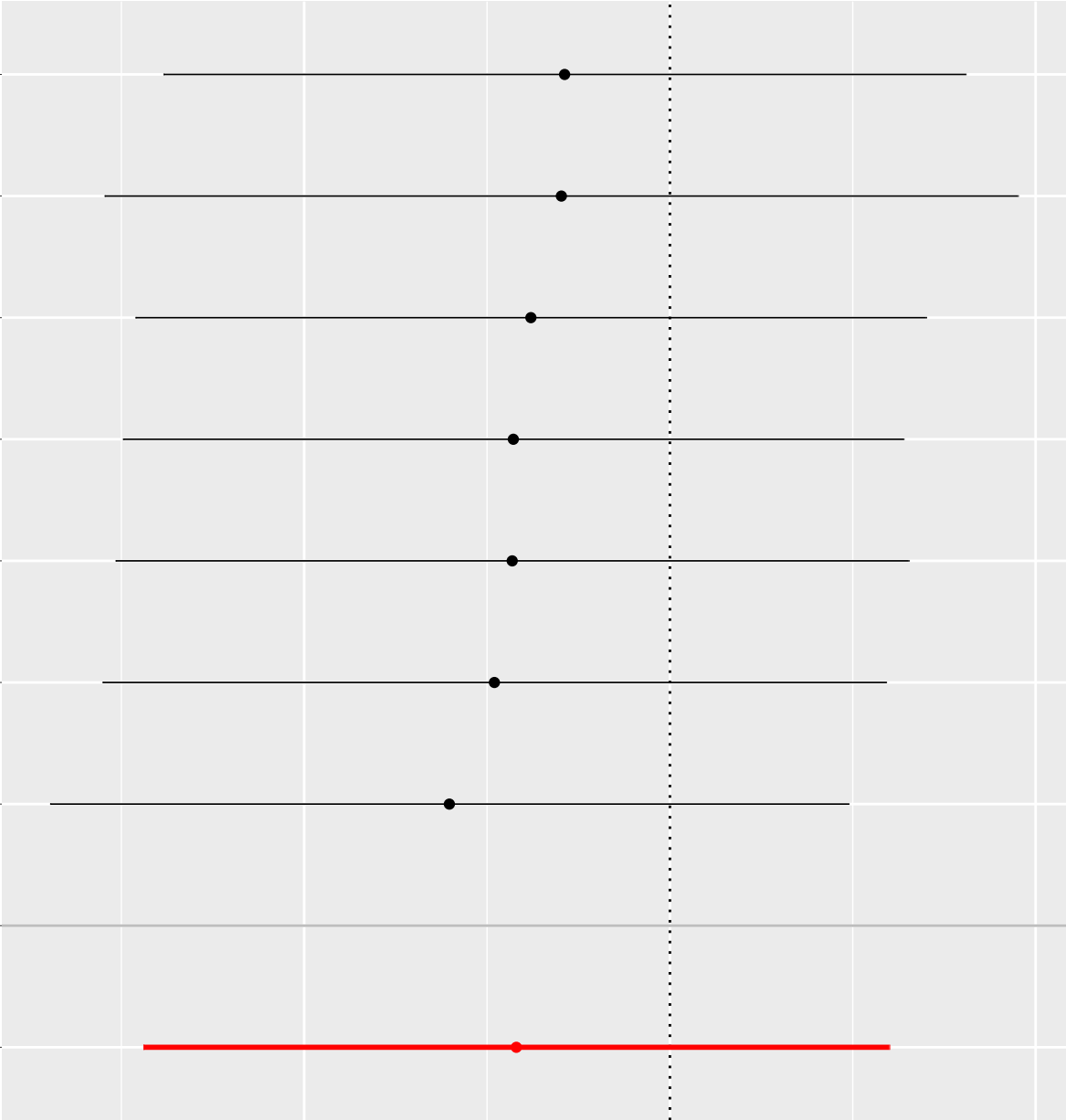
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rs6738627

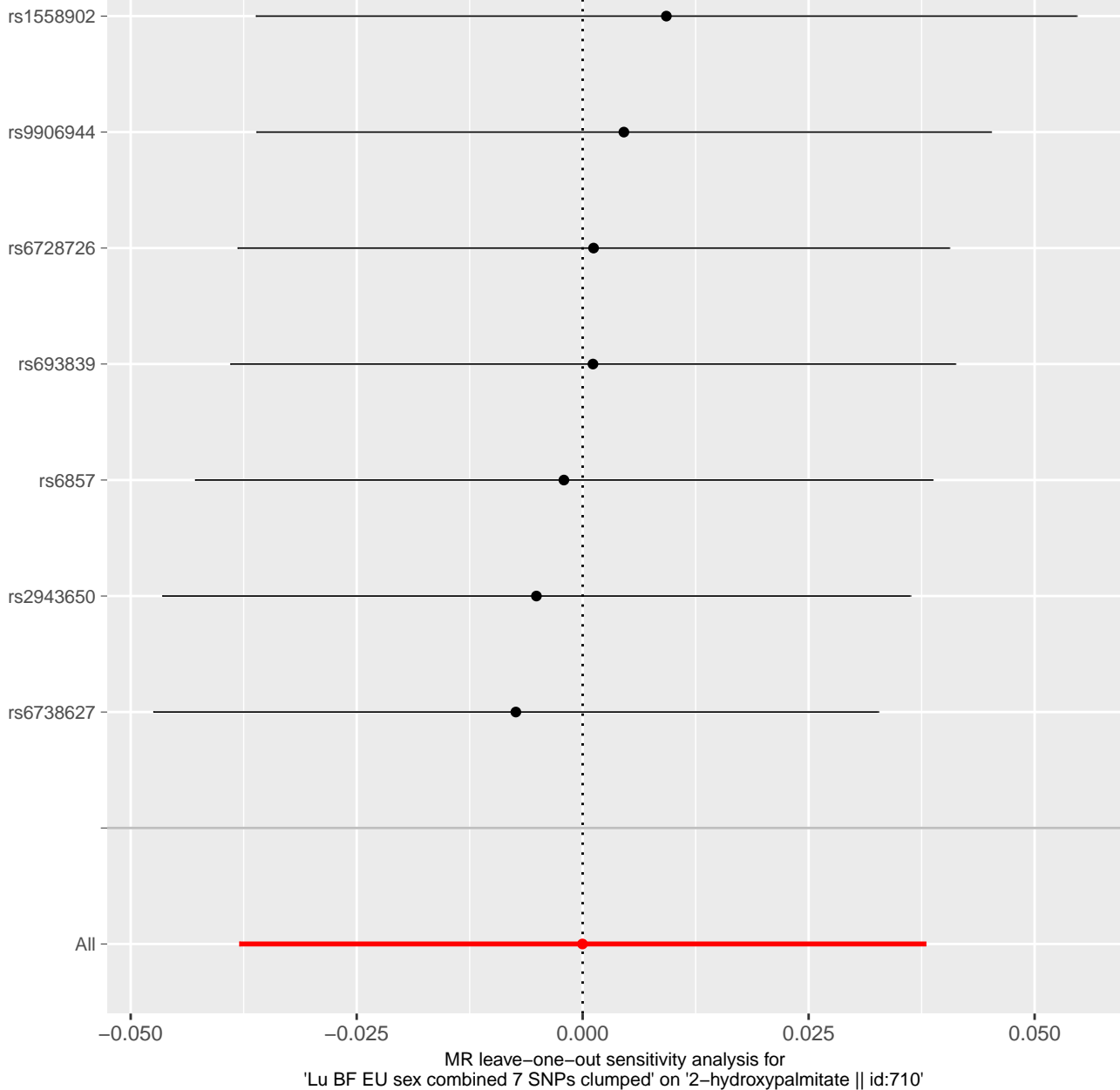
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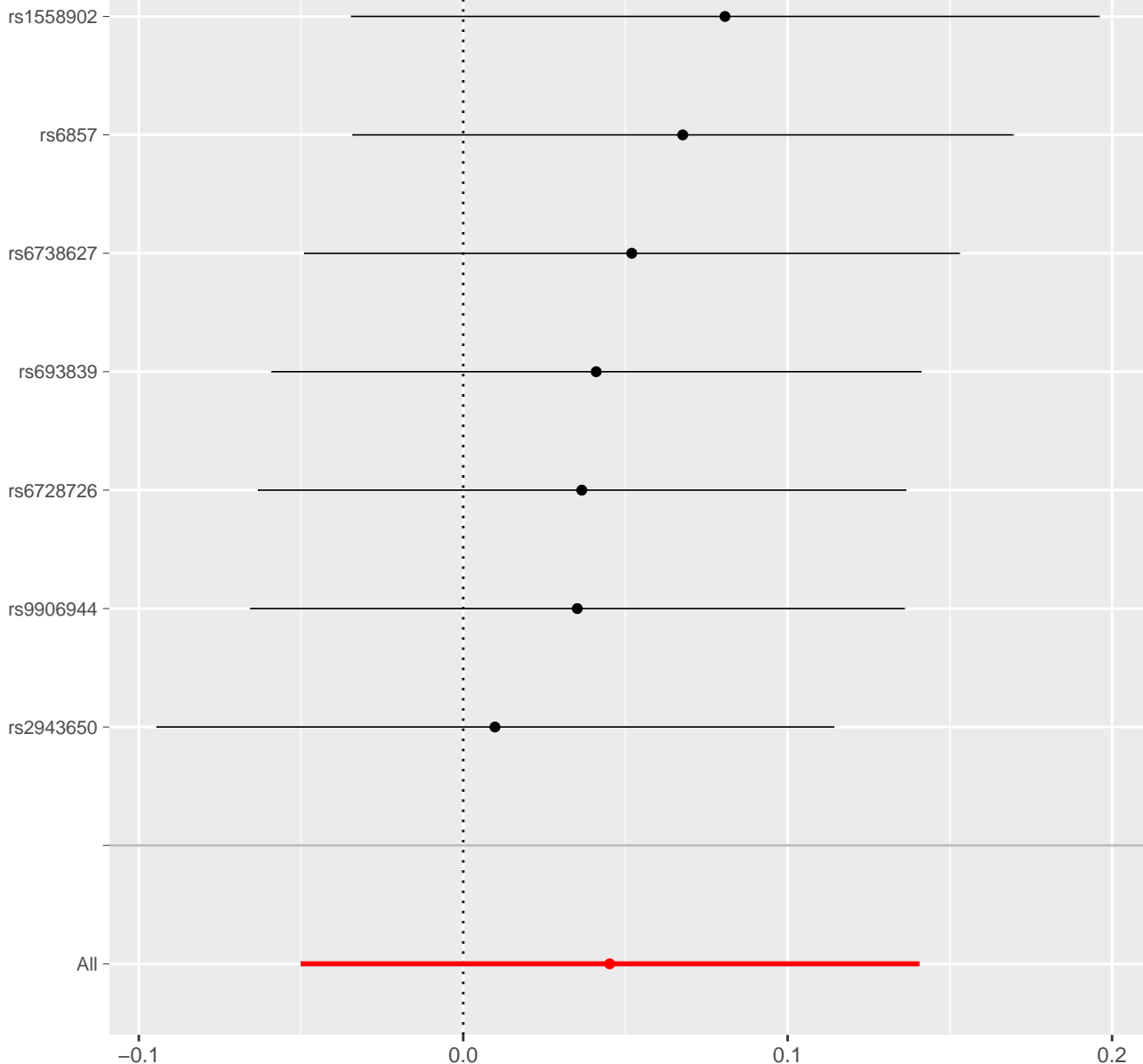
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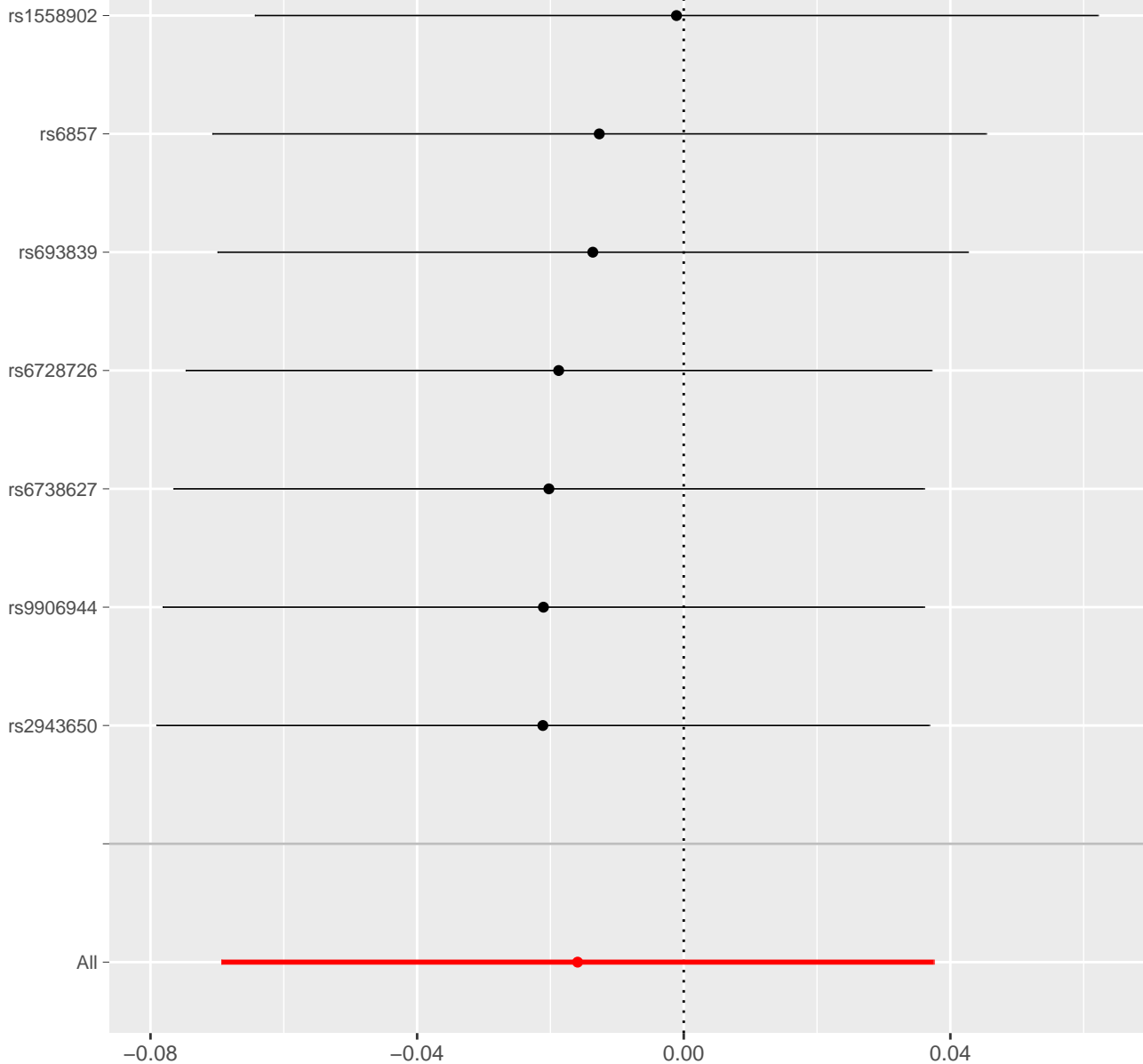
All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Tetradecanedioate || id:709'







MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Dihomo-linolenate (20:3n3 or n6) || id:712'

rs1558902

rs6738627

rs6857

rs9906944

rs2943650

rs693839

rs6728726

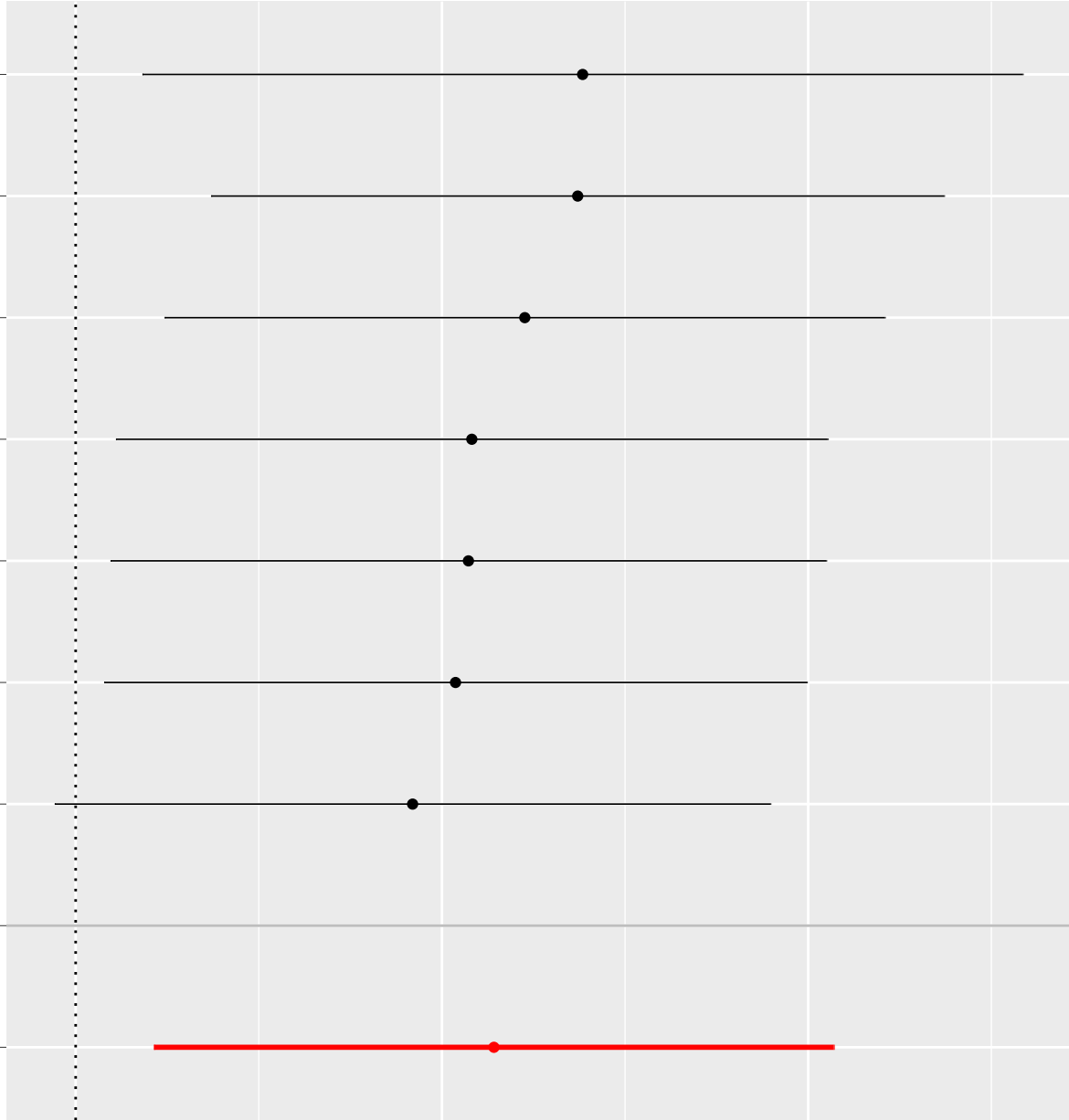
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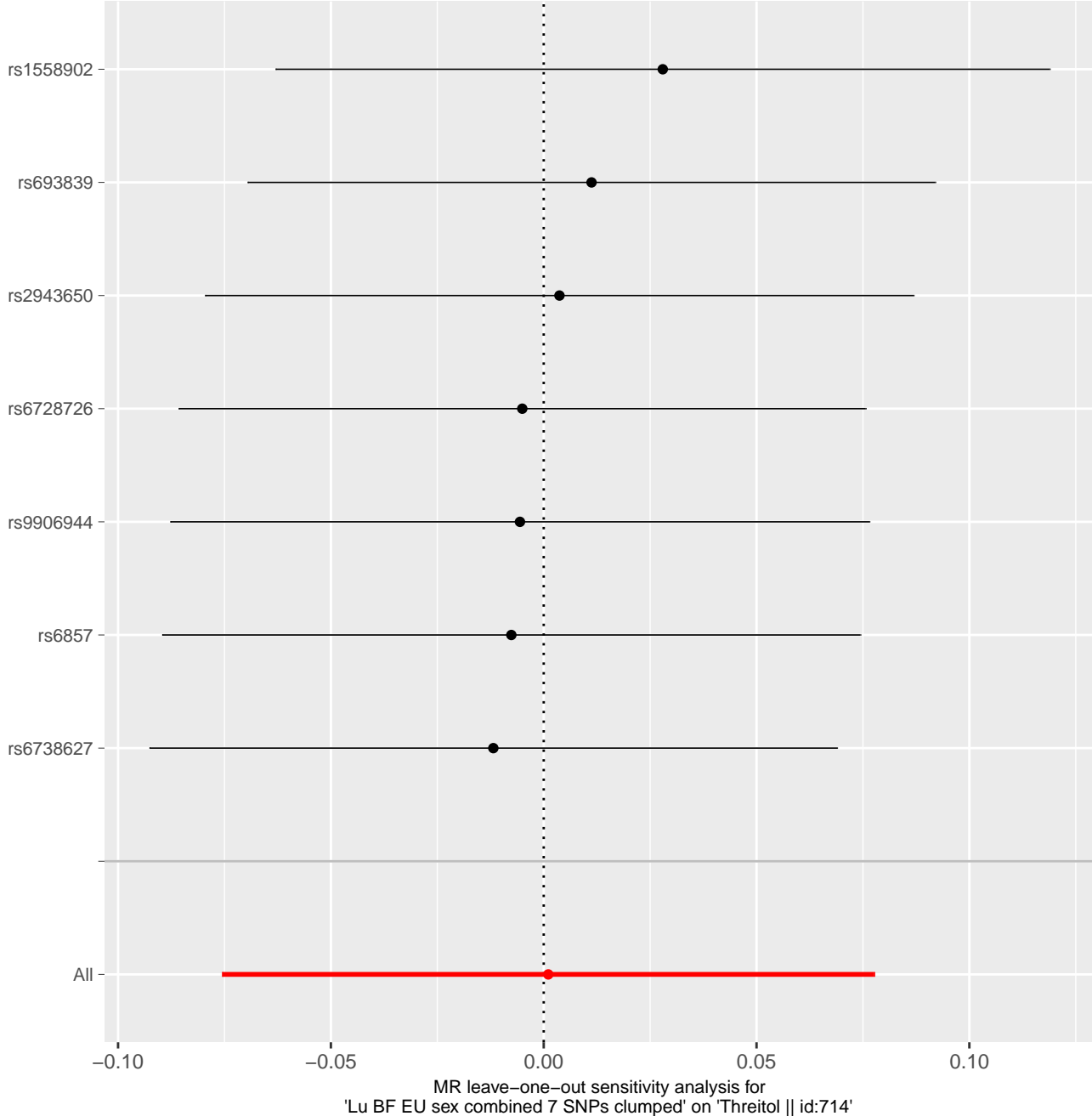
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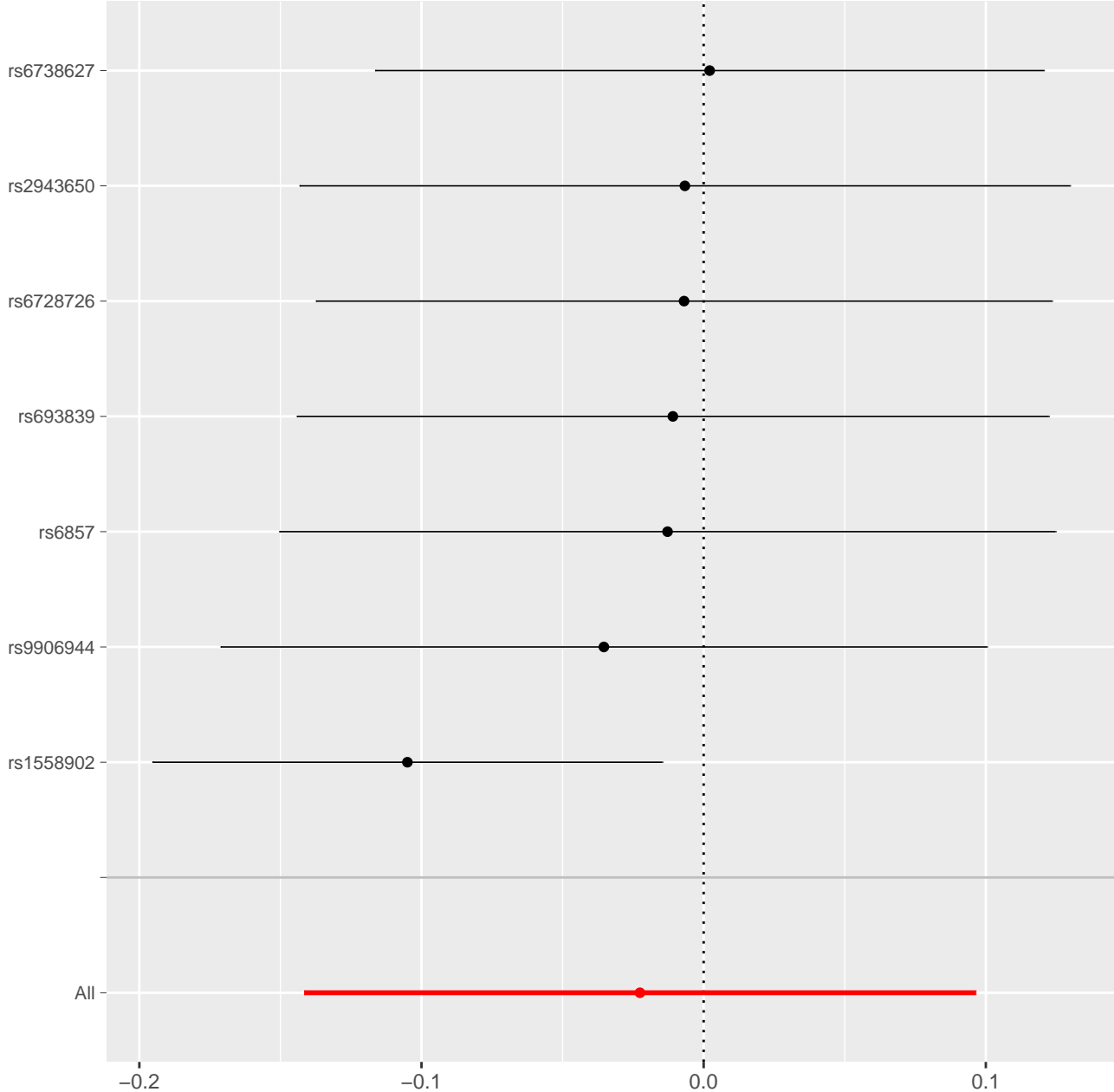
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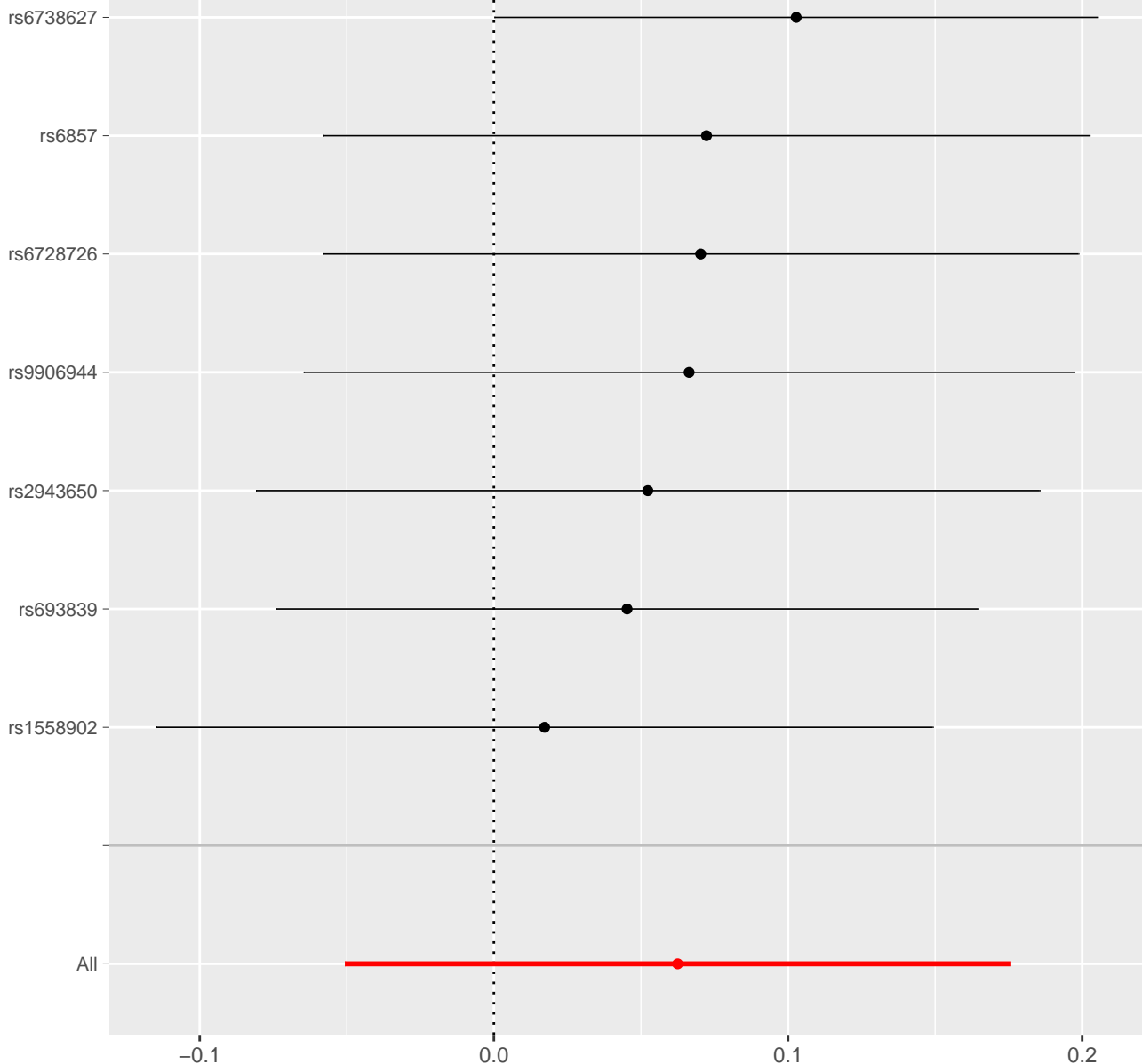
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-13859 || id:713'









MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14057 || id:716'

rs6728726

rs2943650

rs1558902

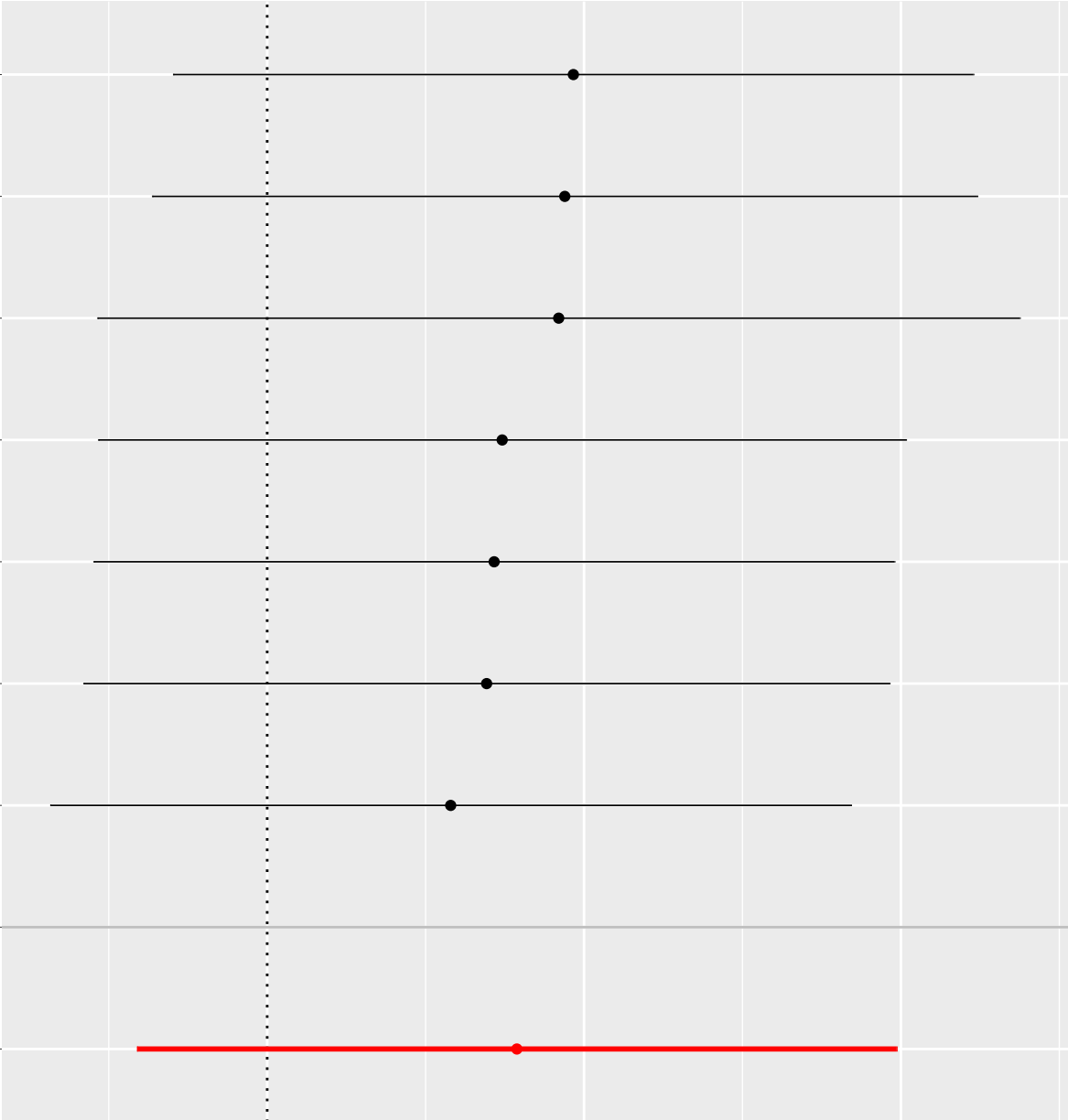
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rs6738627

rs6857

rs693839

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14086 || id:717'

rs6728726

rs2943650

rs6738627

rs693839

rs6857

rs9906944

rs1558902

All

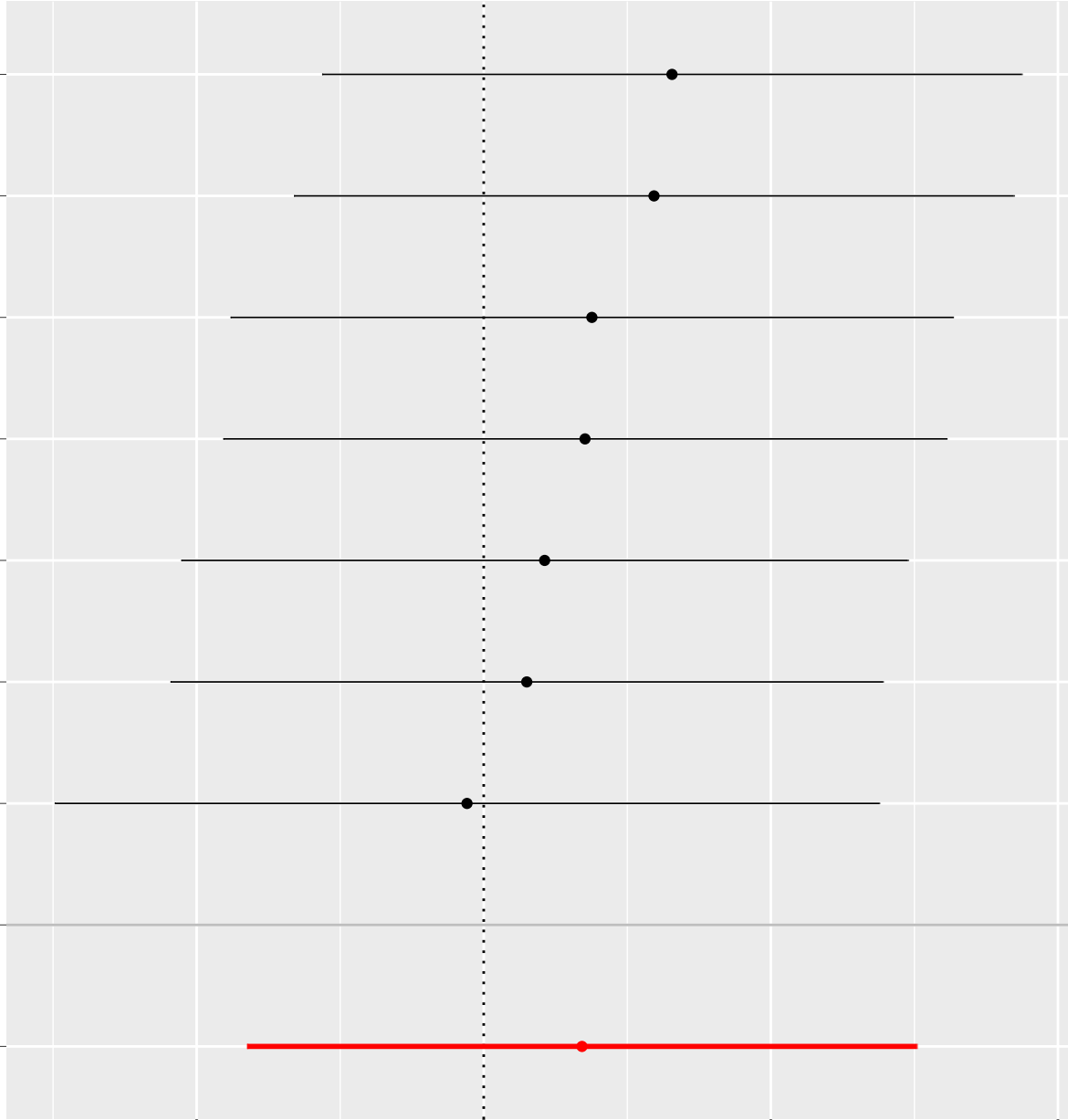
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'P-cresol sulfate || id:718'



rs2943650

rs6728726

rs6738627

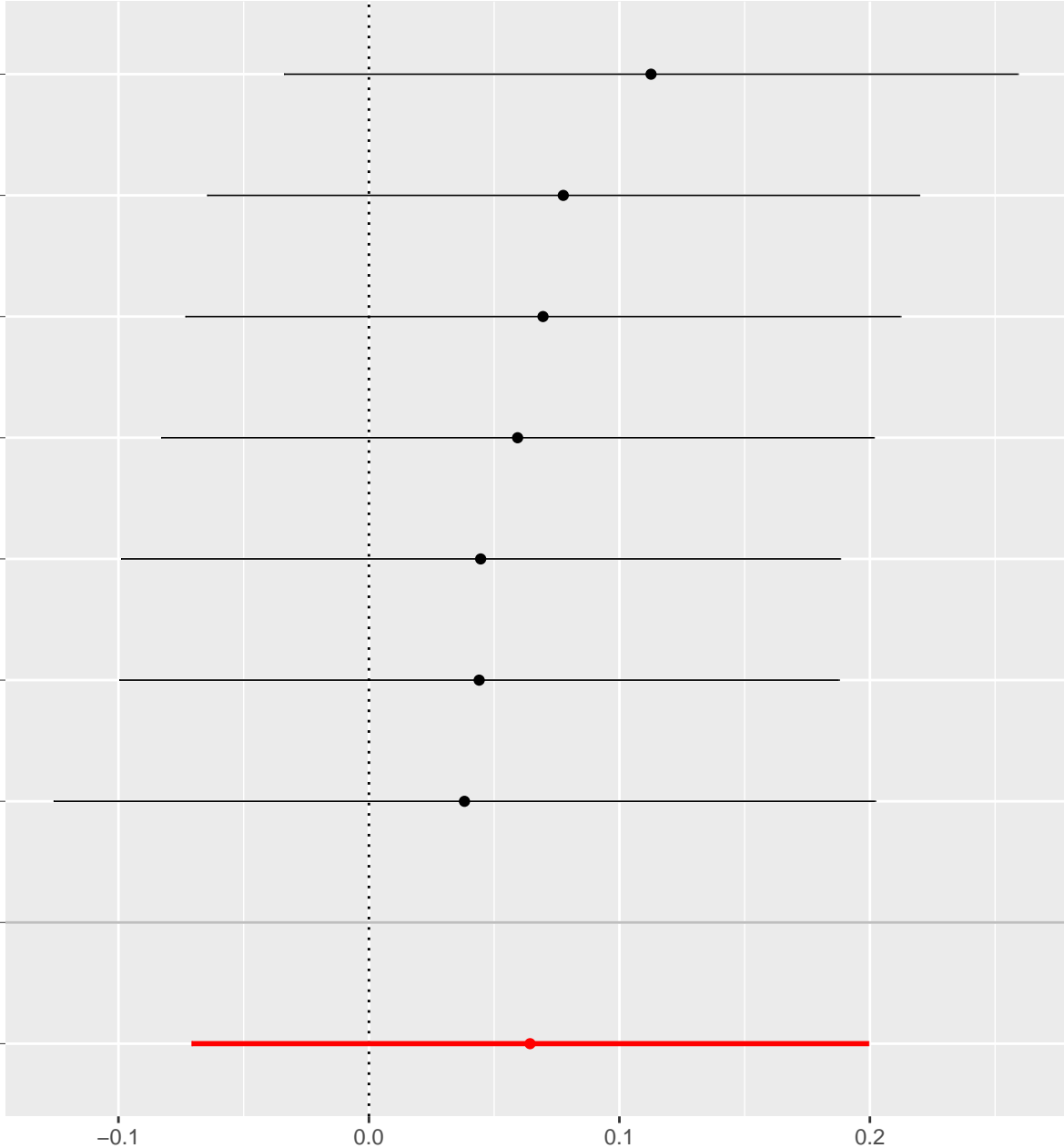
rs693839

rs6857

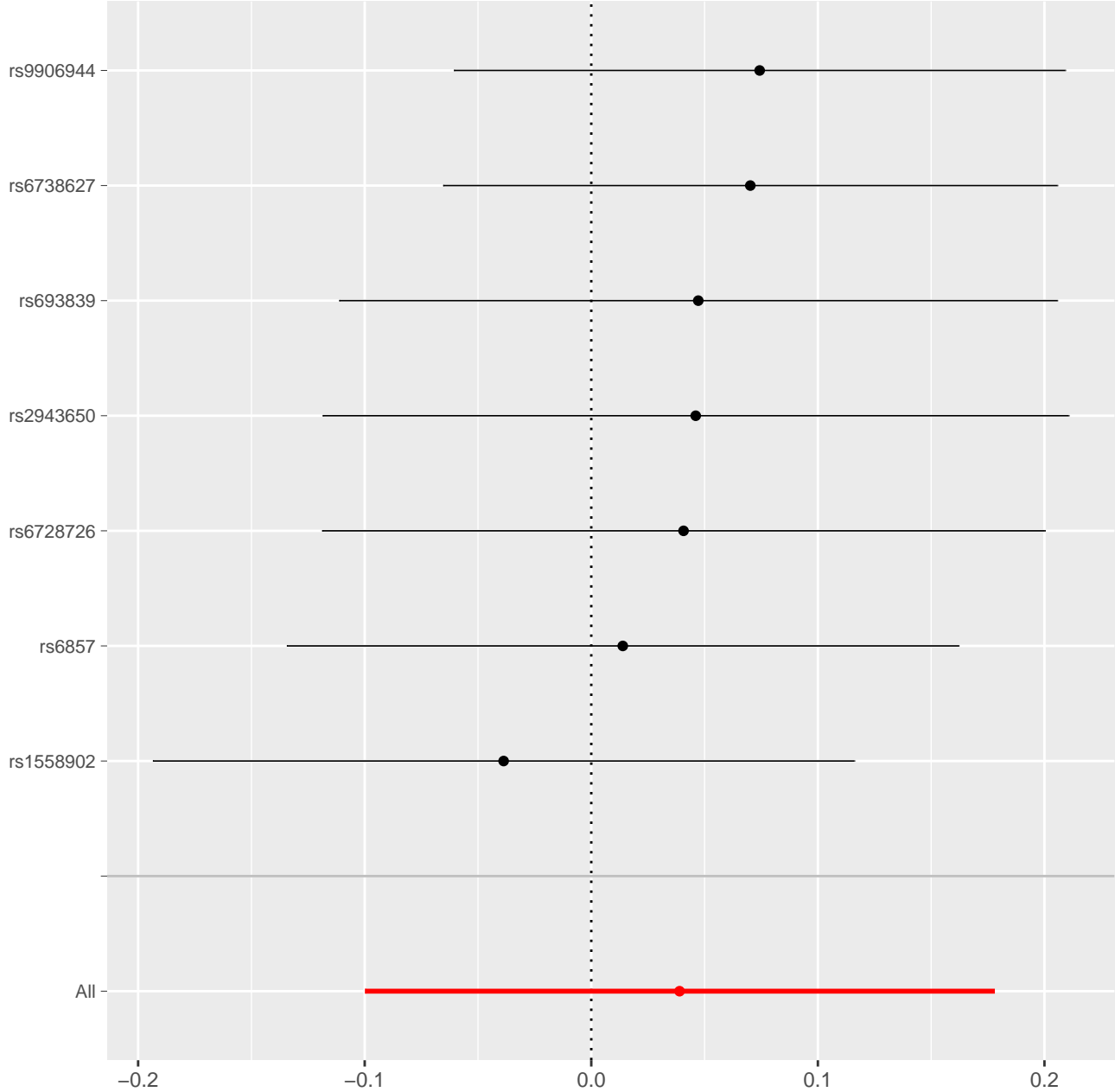
rs9906944

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14189--leucylalanine || id:719'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14205--alpha-glutamyltyrosine || id:720'

rs2943650

rs6738627

rs6857

rs6728726

rs693839

rs9906944

rs1558902

All

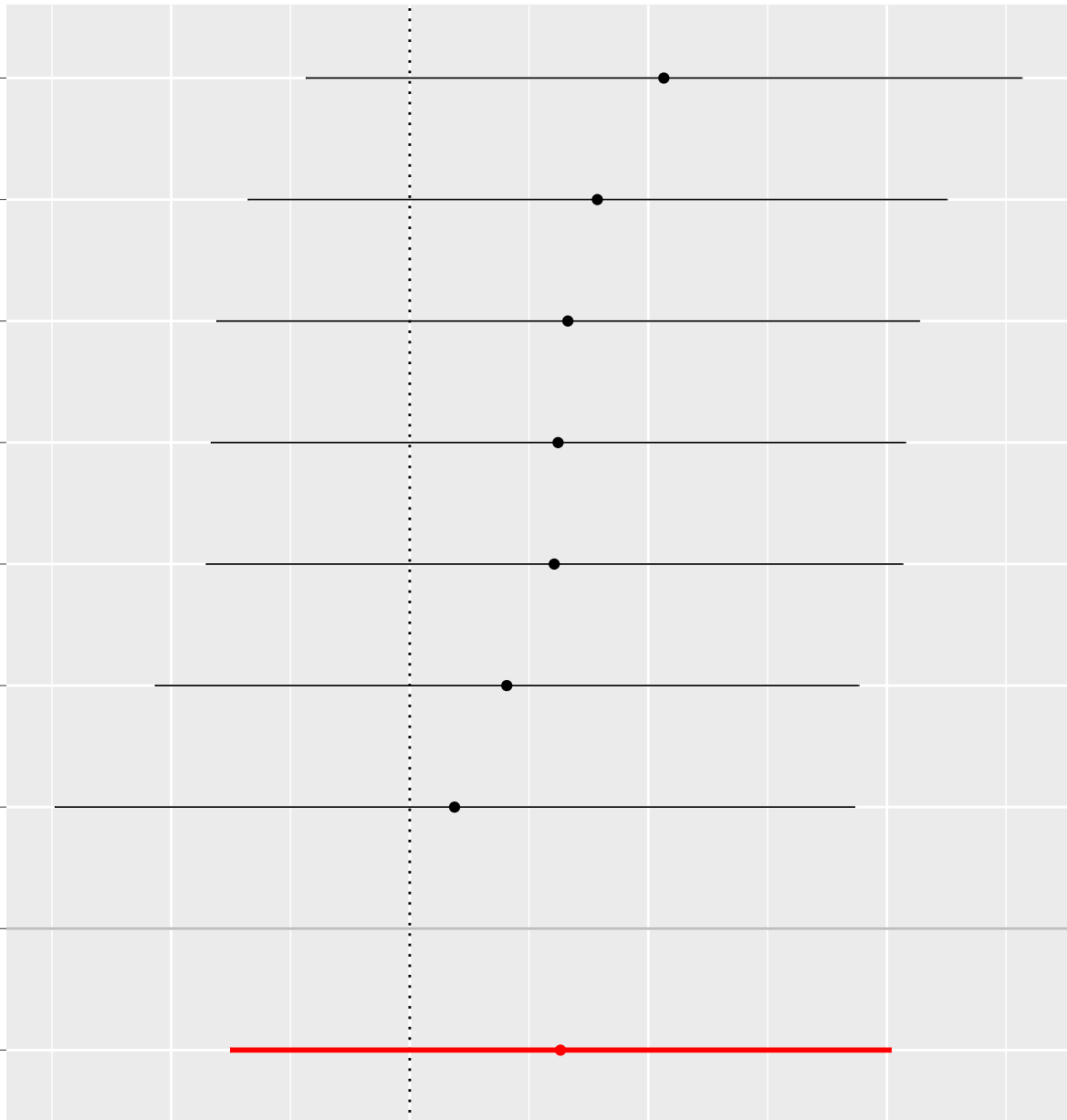
-0.1

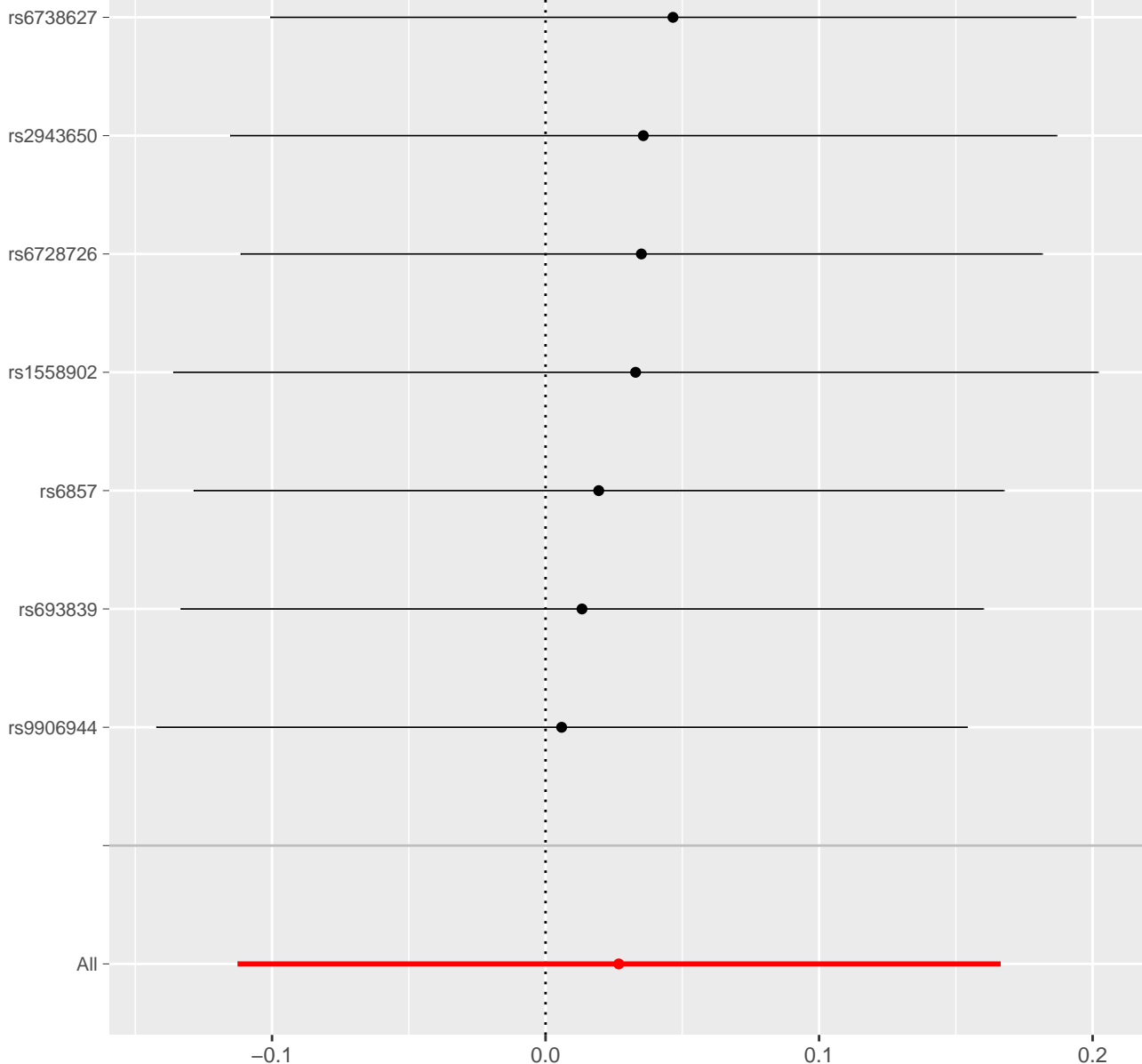
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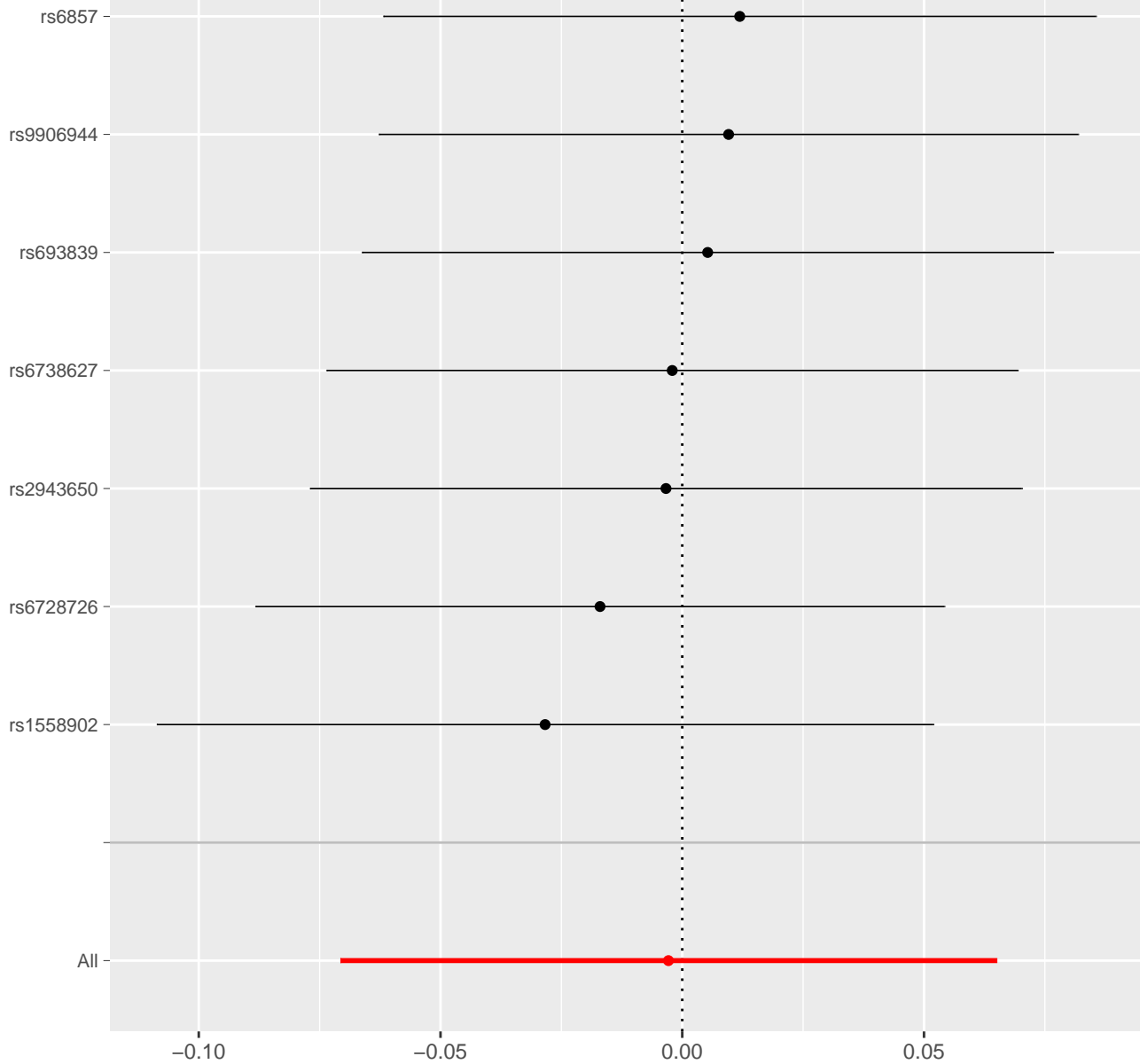
0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14208—phenylalanyls erine || id:721'







rs6738627

rs2943650

rs9906944

rs6728726

rs6857

rs693839

rs1558902

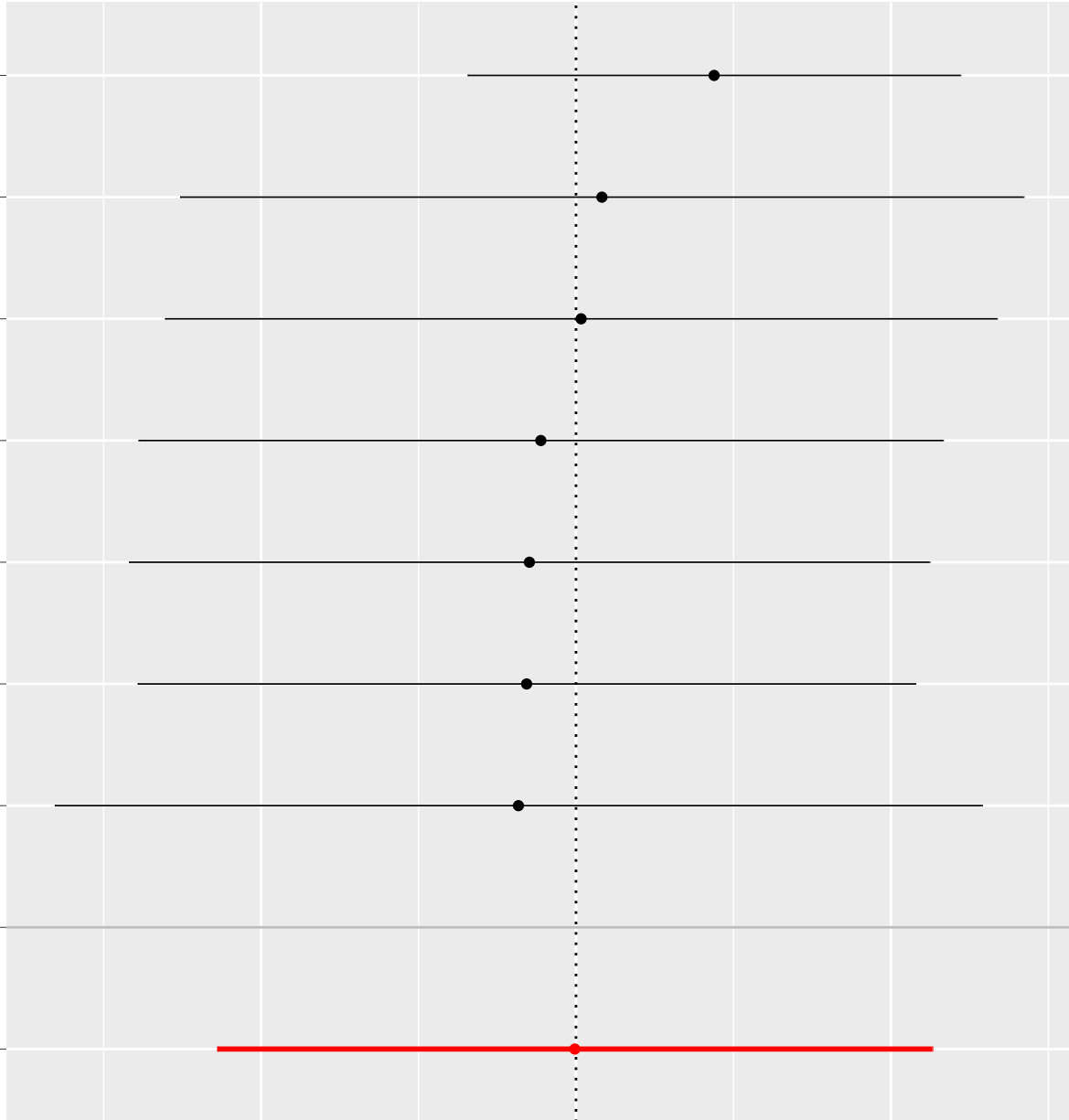
All

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14450--phenylalanylleucine || id:724'



rs9906944

rs2943650

rs693839

rs6857

rs1558902

rs6728726

rs6738627

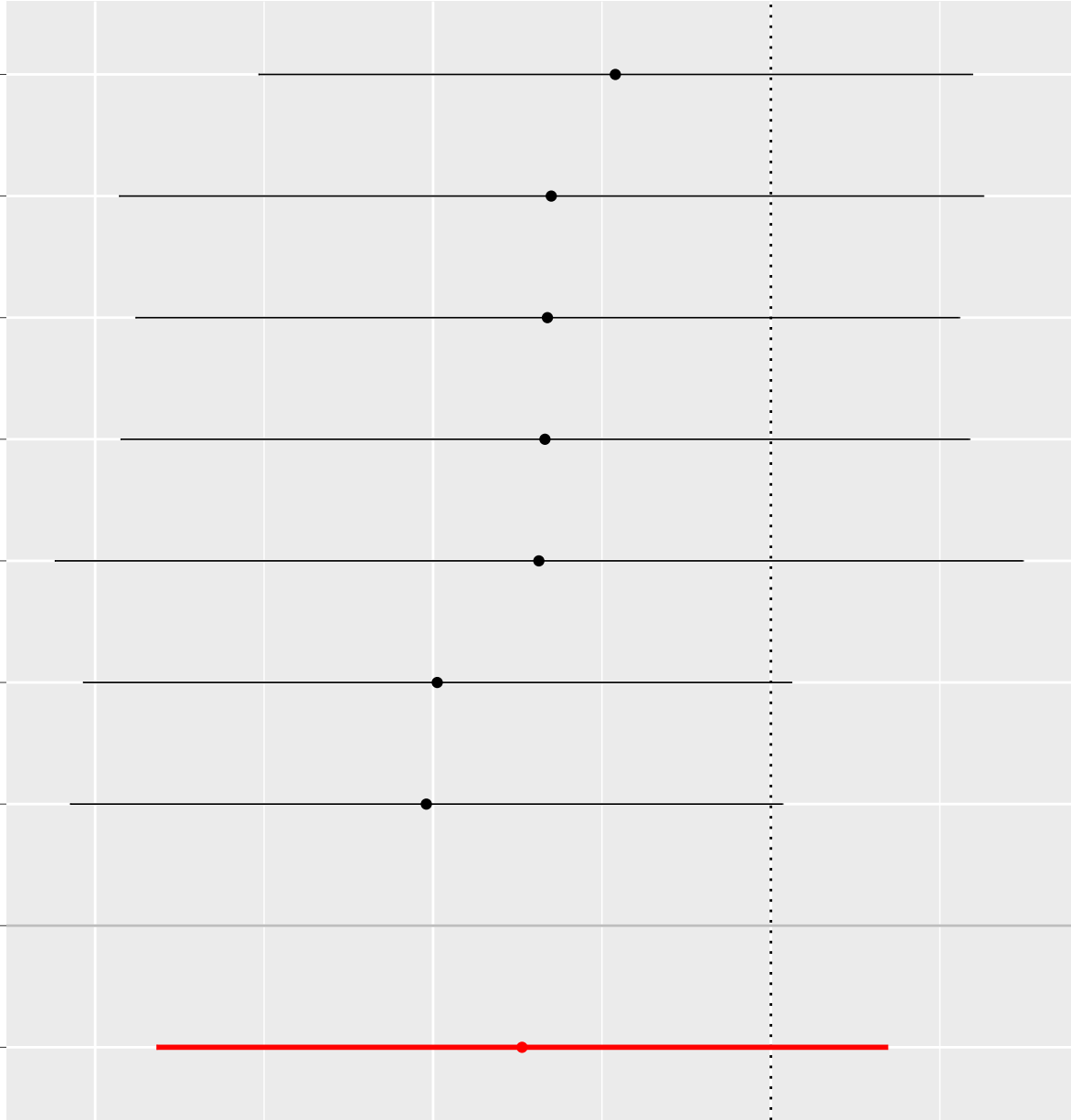
All

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14473 || id:725'



rs2943650

rs6738627

rs9906944

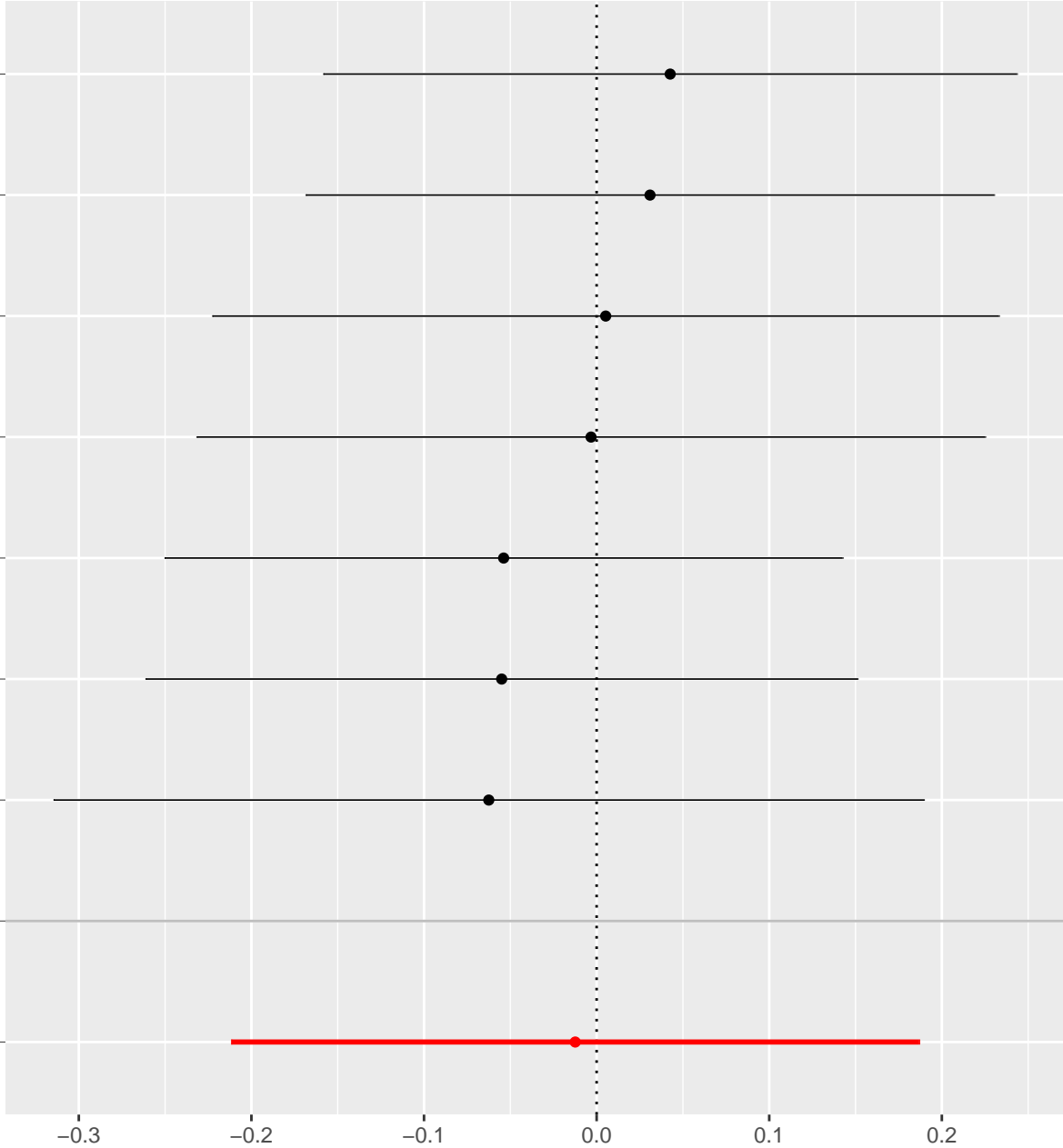
rs693839

rs6728726

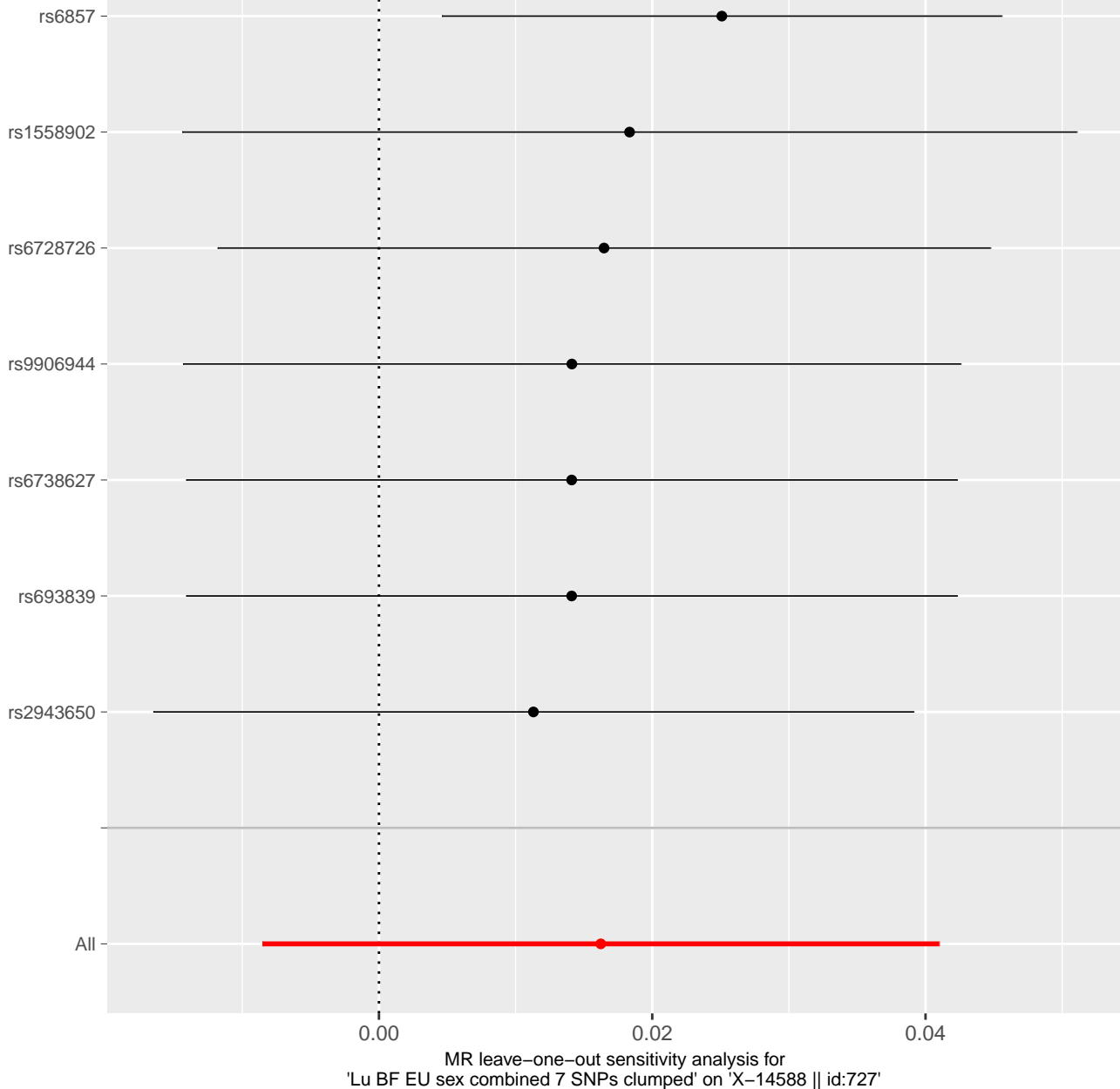
rs6857

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14541 || id:726'



rs6728726

rs2943650

rs9906944

rs6738627

rs693839

rs6857

rs1558902

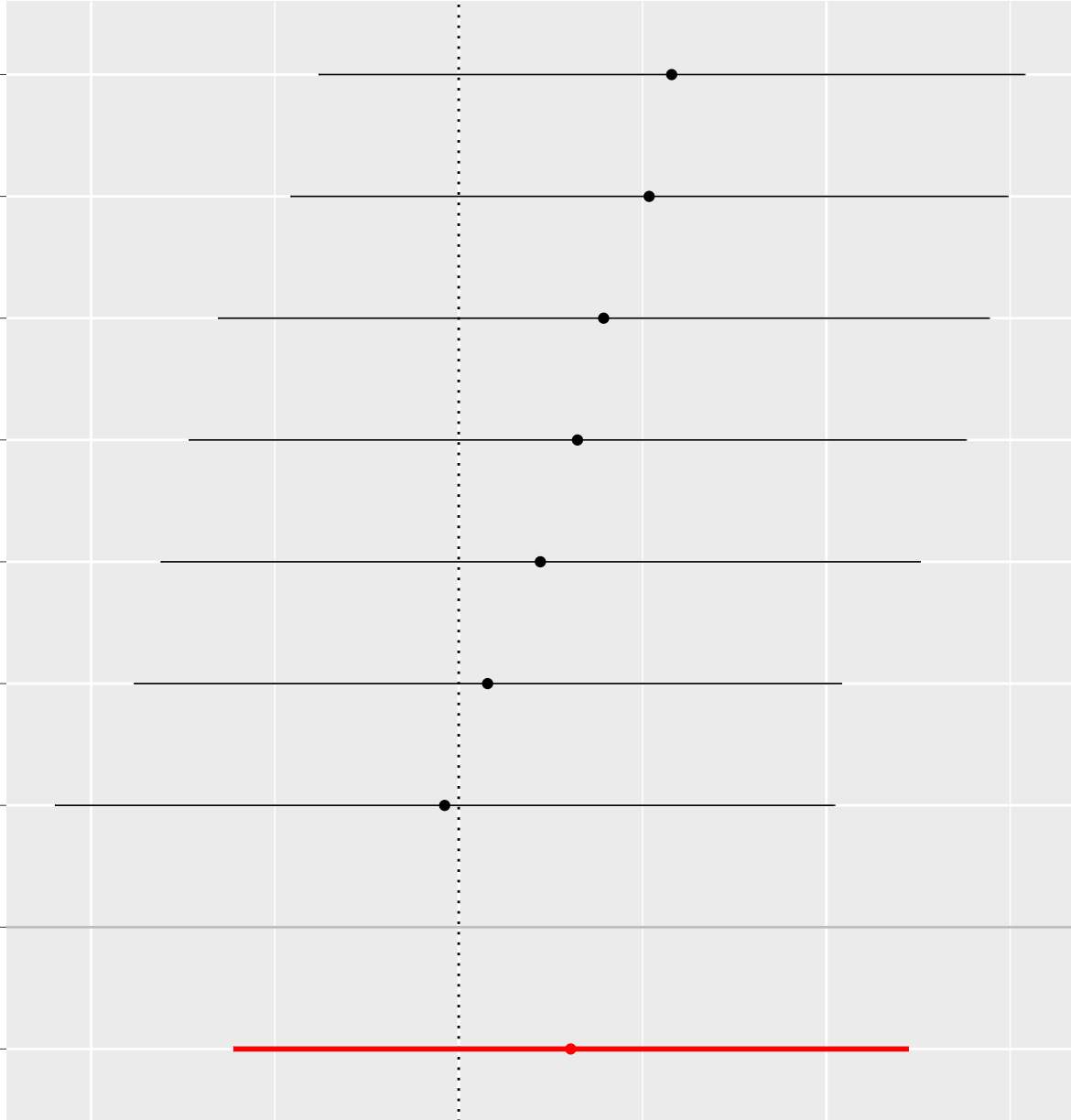
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14625 || id:728'



rs6738627

rs6728726

rs6857

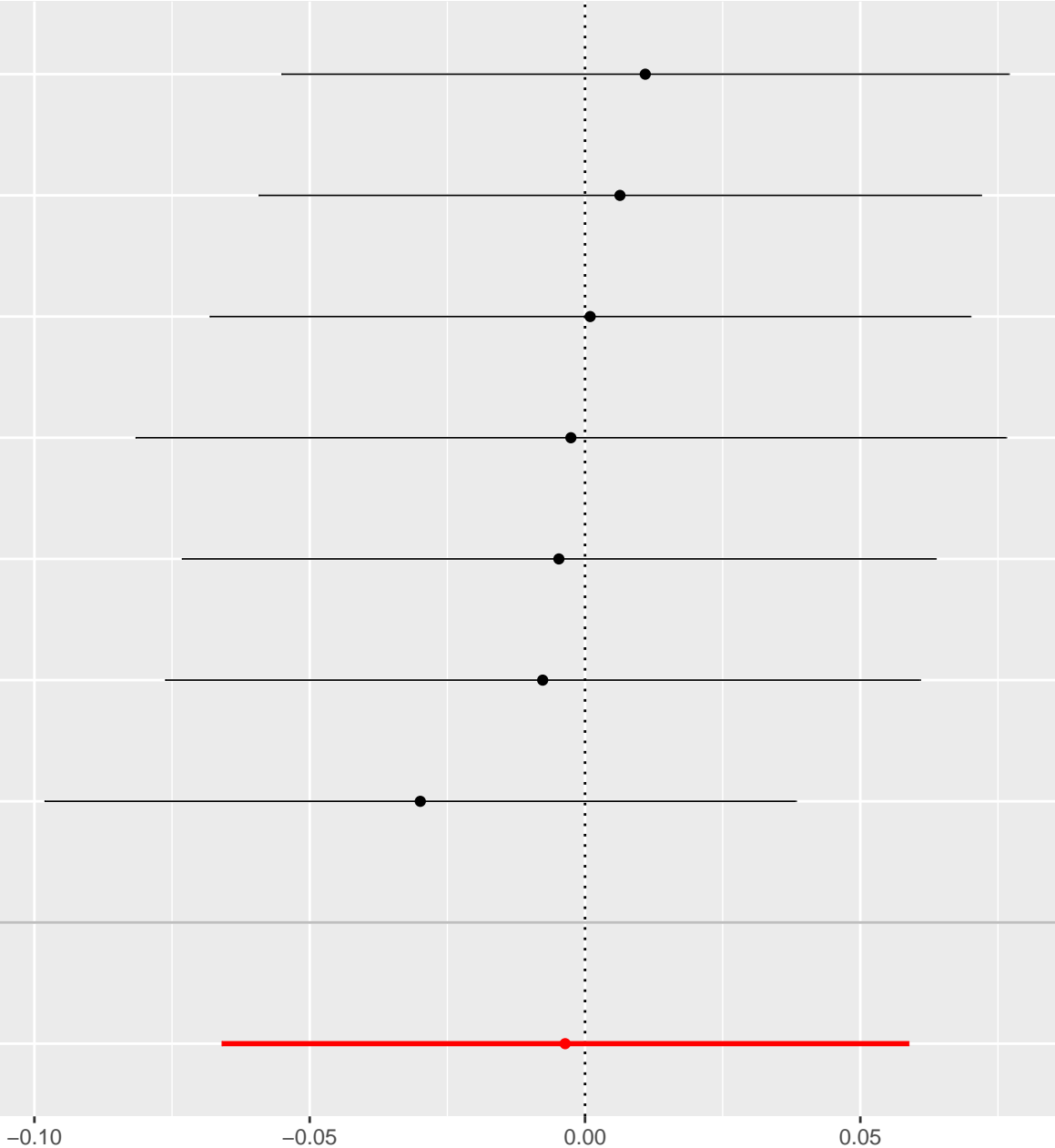
rs1558902

rs9906944

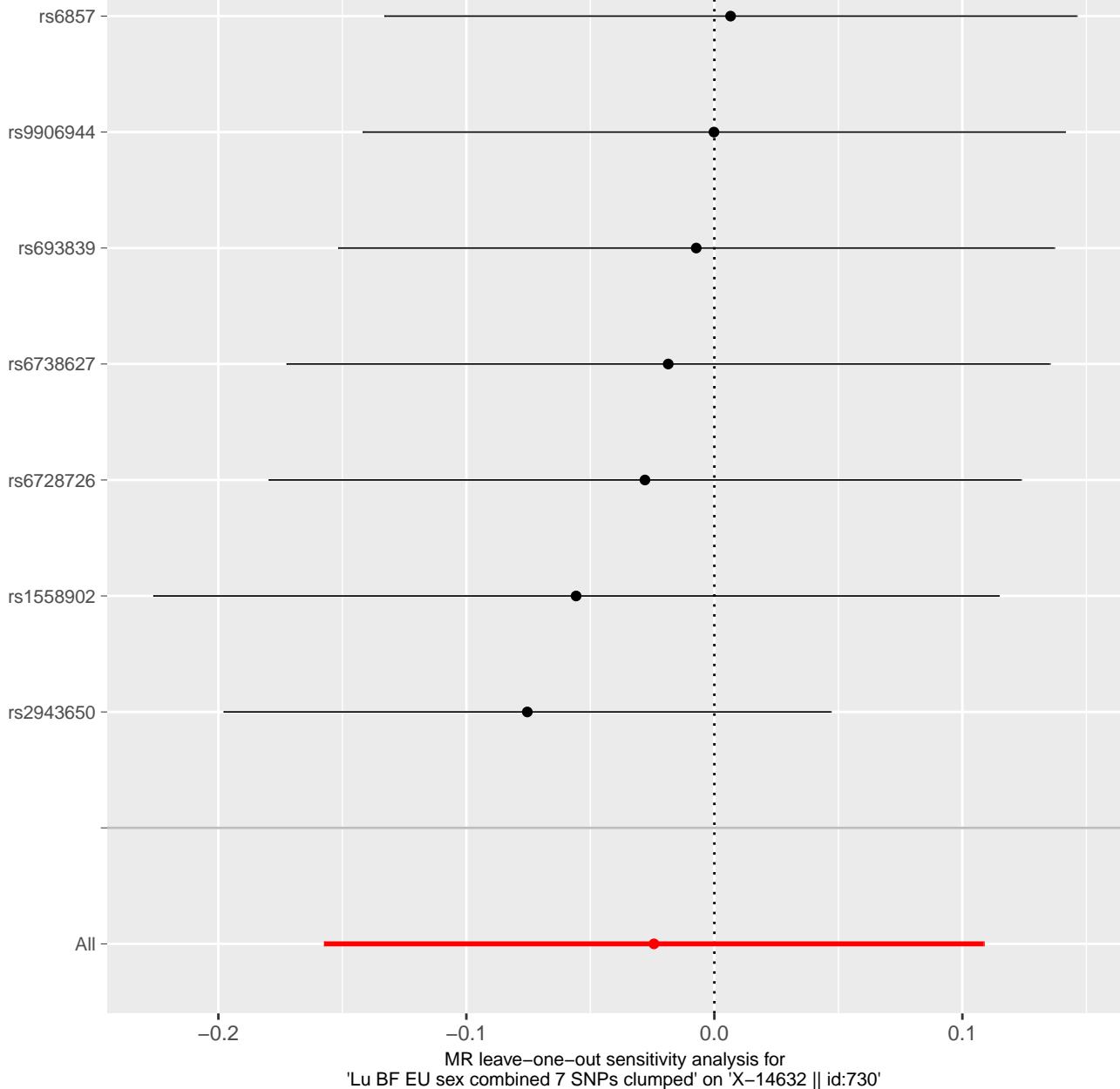
rs693839

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14626 || id:729'



rs1558902

rs9906944

rs6728726

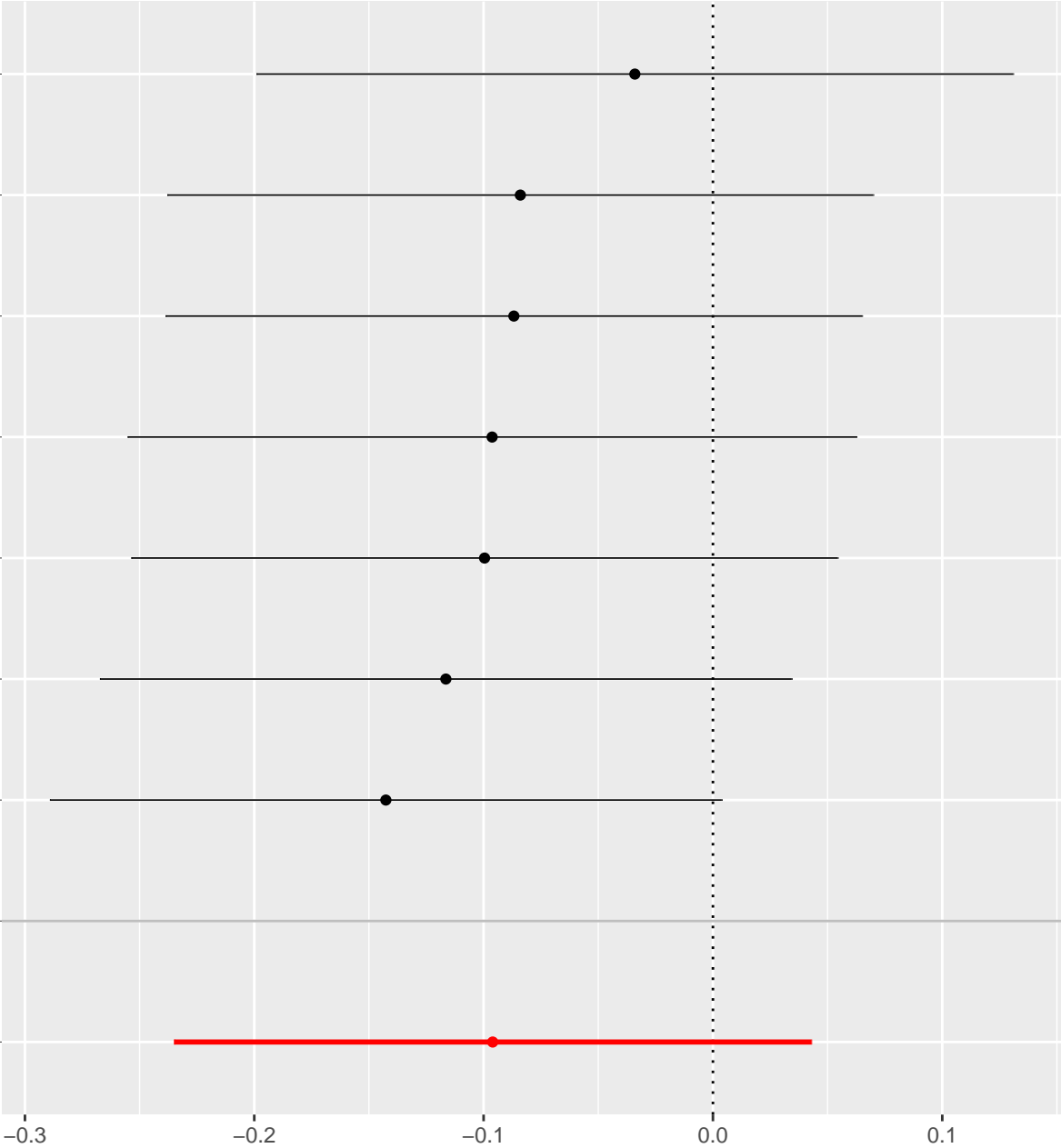
rs2943650

rs693839

rs6857

rs6738627

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14658 || id:731'

rs2943650

rs693839

rs9906944

rs6857

rs6738627

rs6728726

rs1558902

All

-0.2

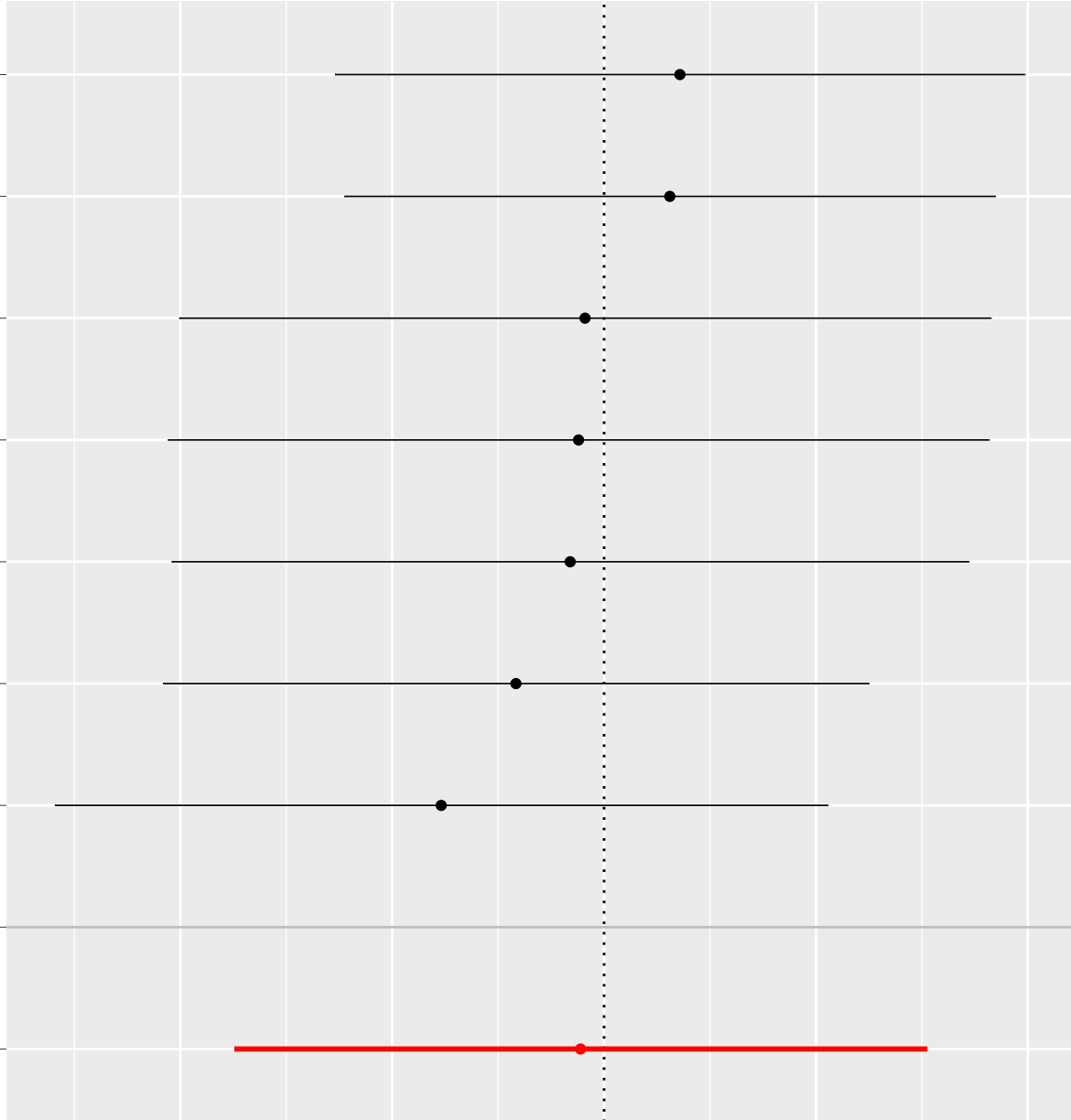
-0.1

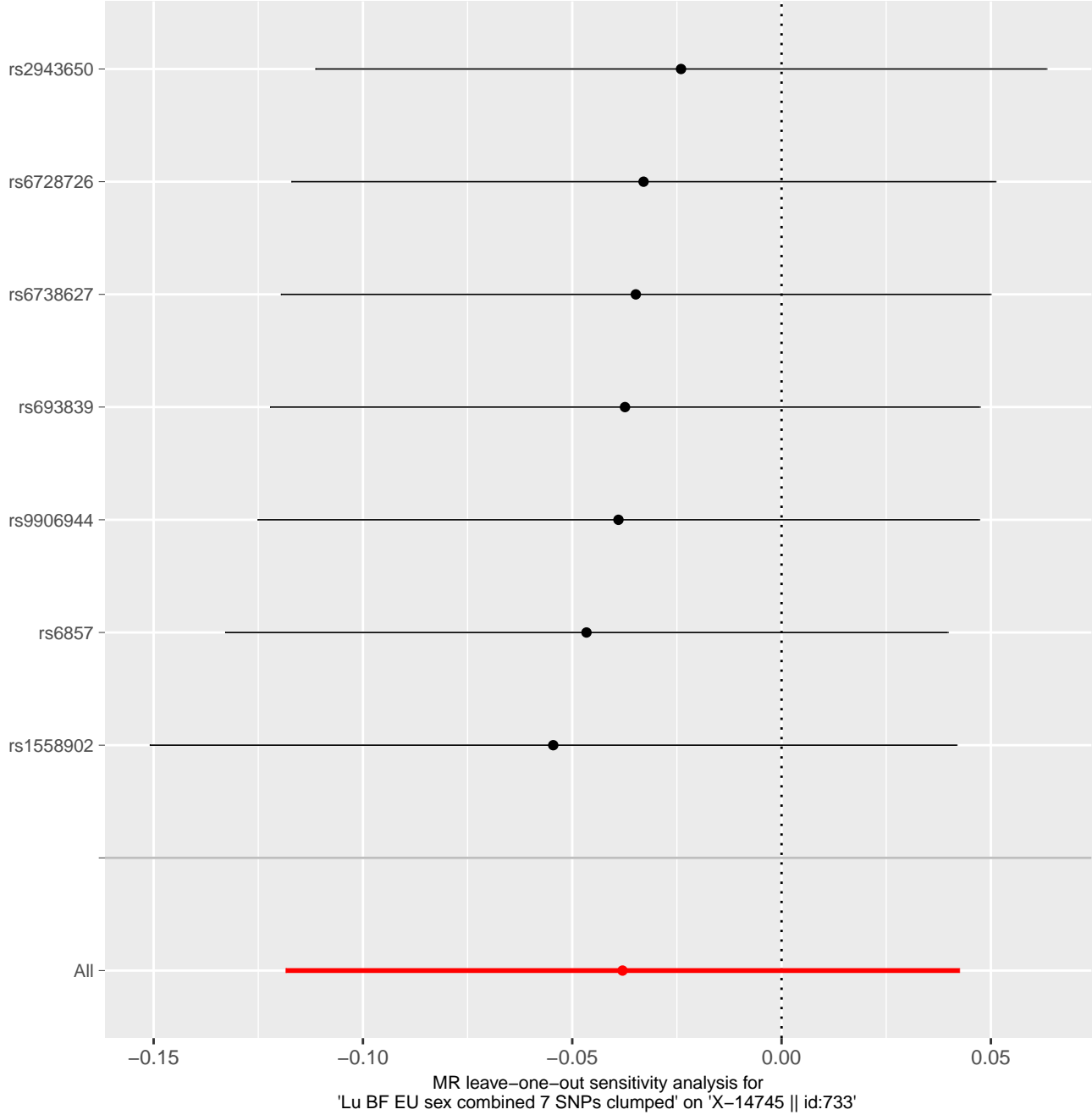
0.0

0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'X-14662 || id:732'





rs693839

rs9906944

rs6738627

rs6857

rs6728726

rs2943650

All

-0.2

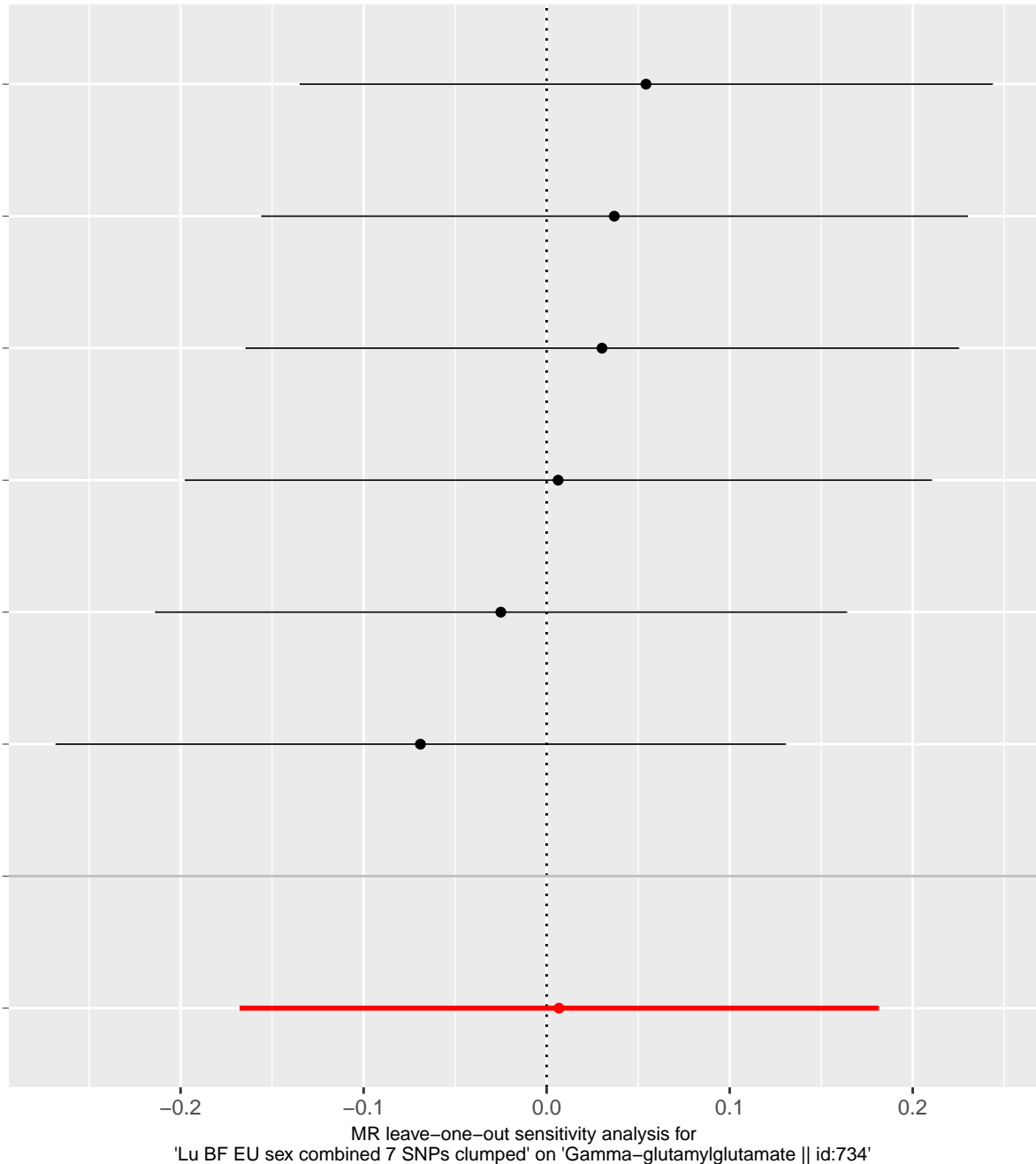
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Gamma-glutamylglutamate || id:734'



rs1558902

rs6857

rs9906944

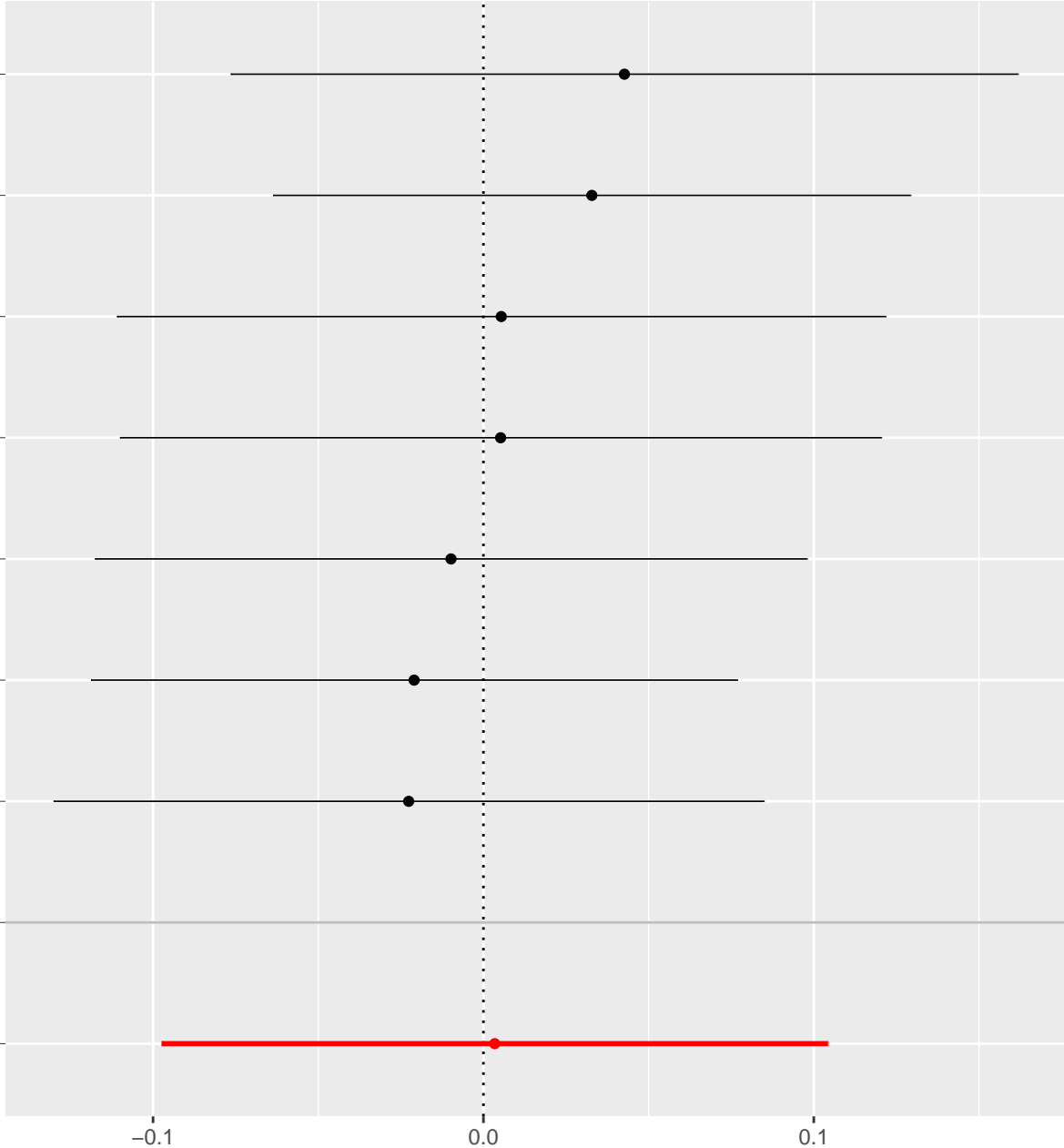
rs6728726

rs693839

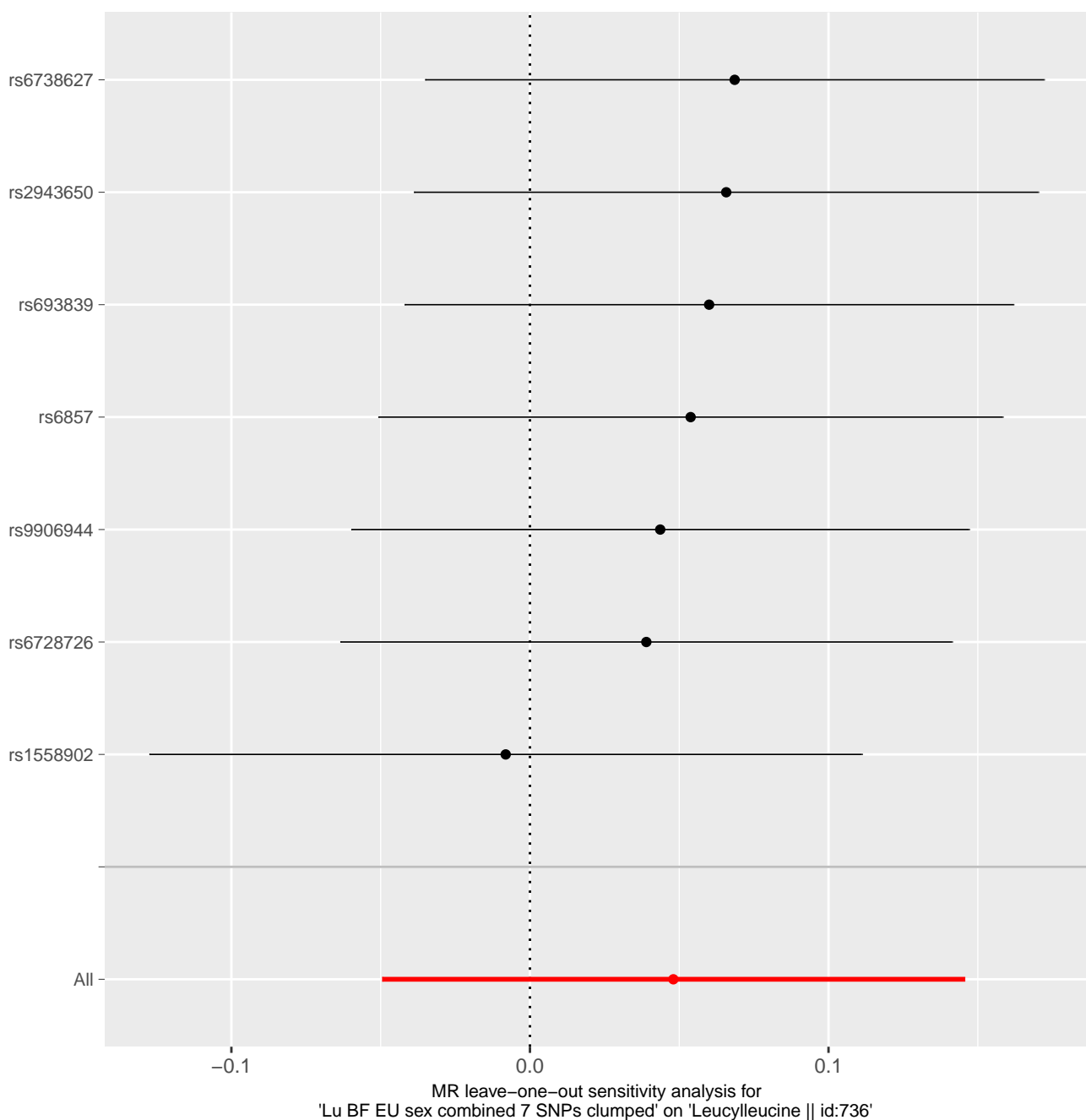
rs6738627

rs2943650

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Octadecanedioate || id:735'



rs2943650

rs693839

rs6857

rs6738627

rs1558902

rs6728726

rs9906944

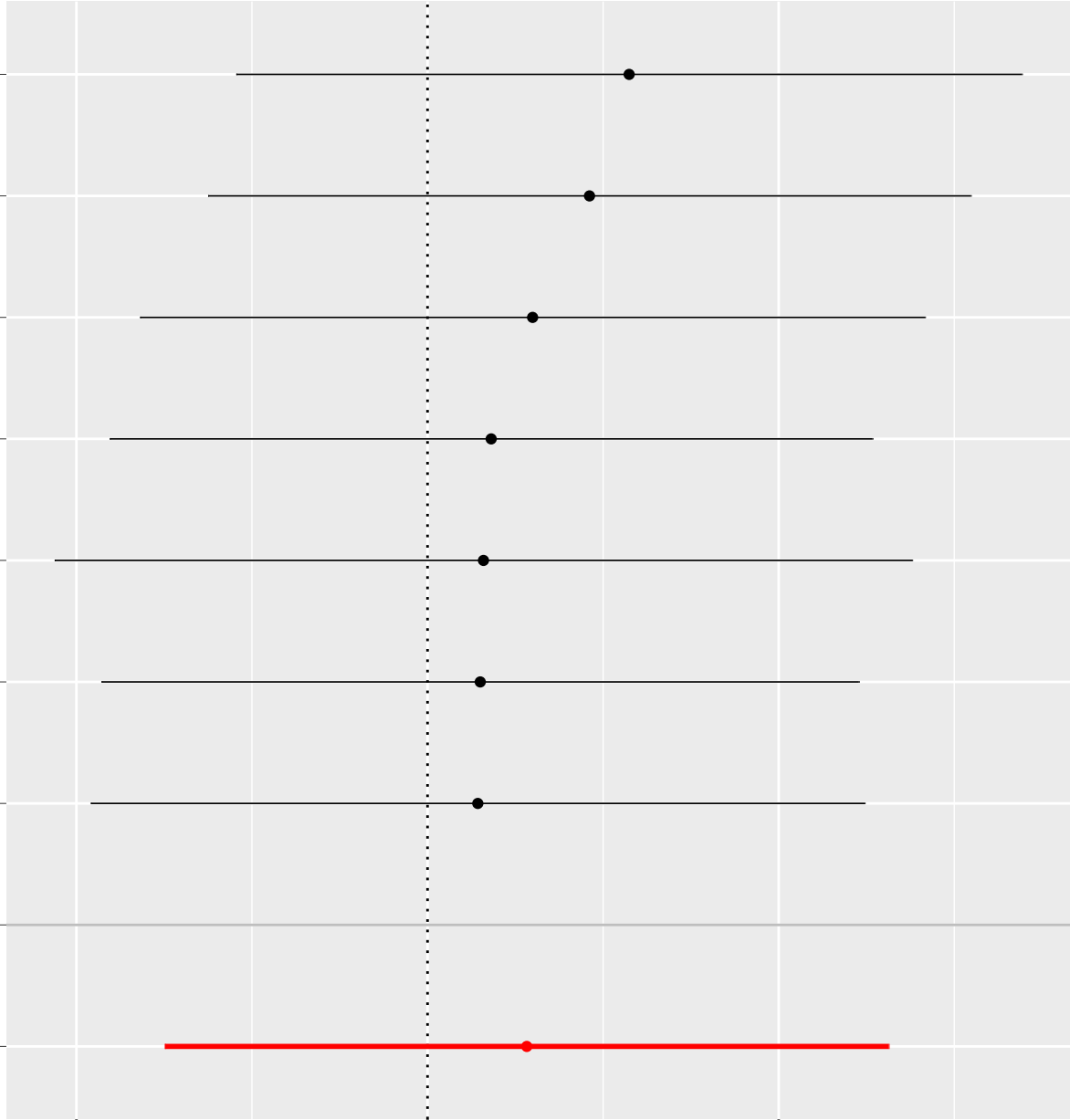
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '7-alpha-hydroxy-3-oxo-4-cholestenoate (7-Hoca) || id:737'



rs1558902

rs693839

rs6857

rs6728726

rs9906944

rs2943650

rs6738627

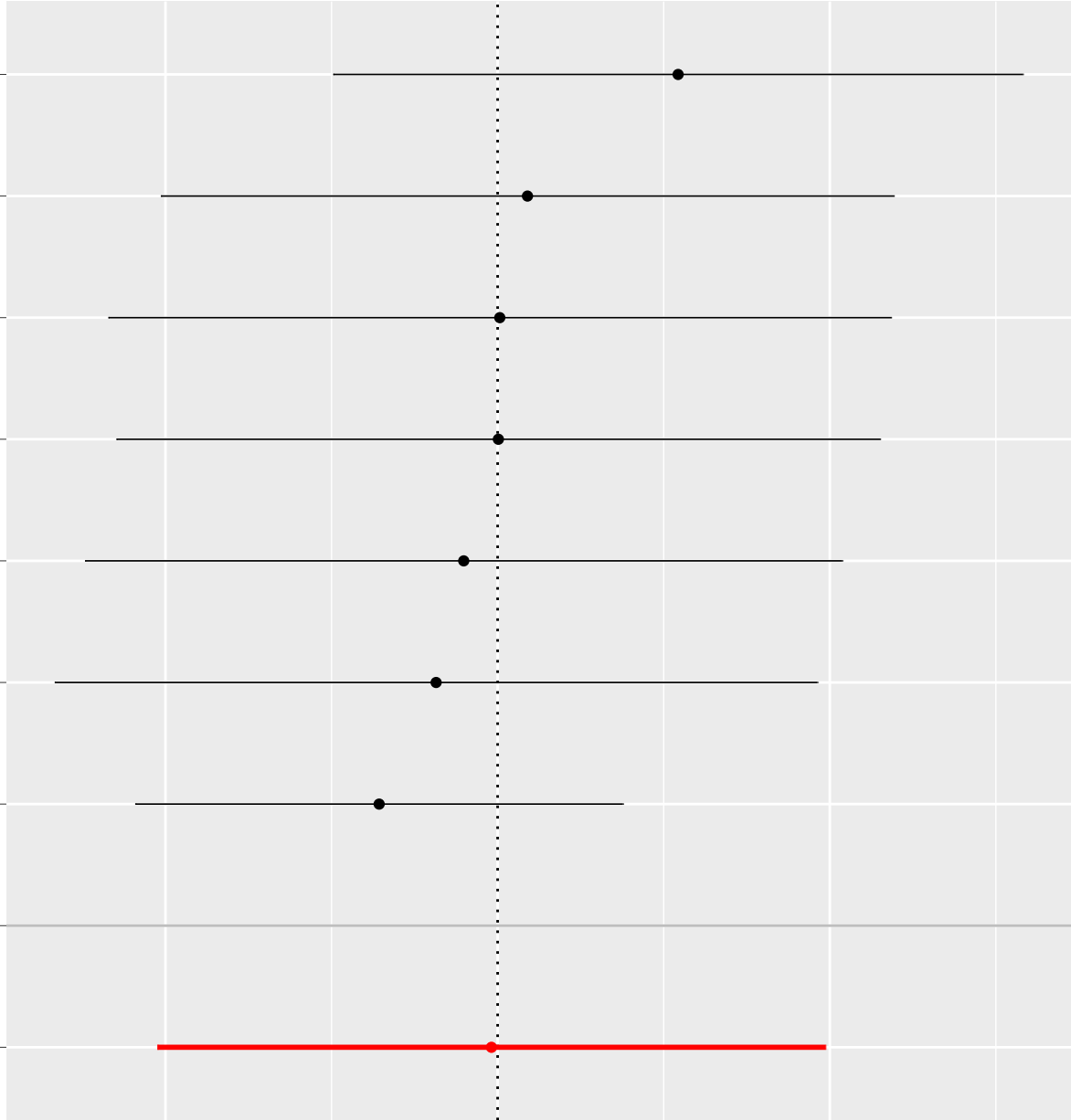
All

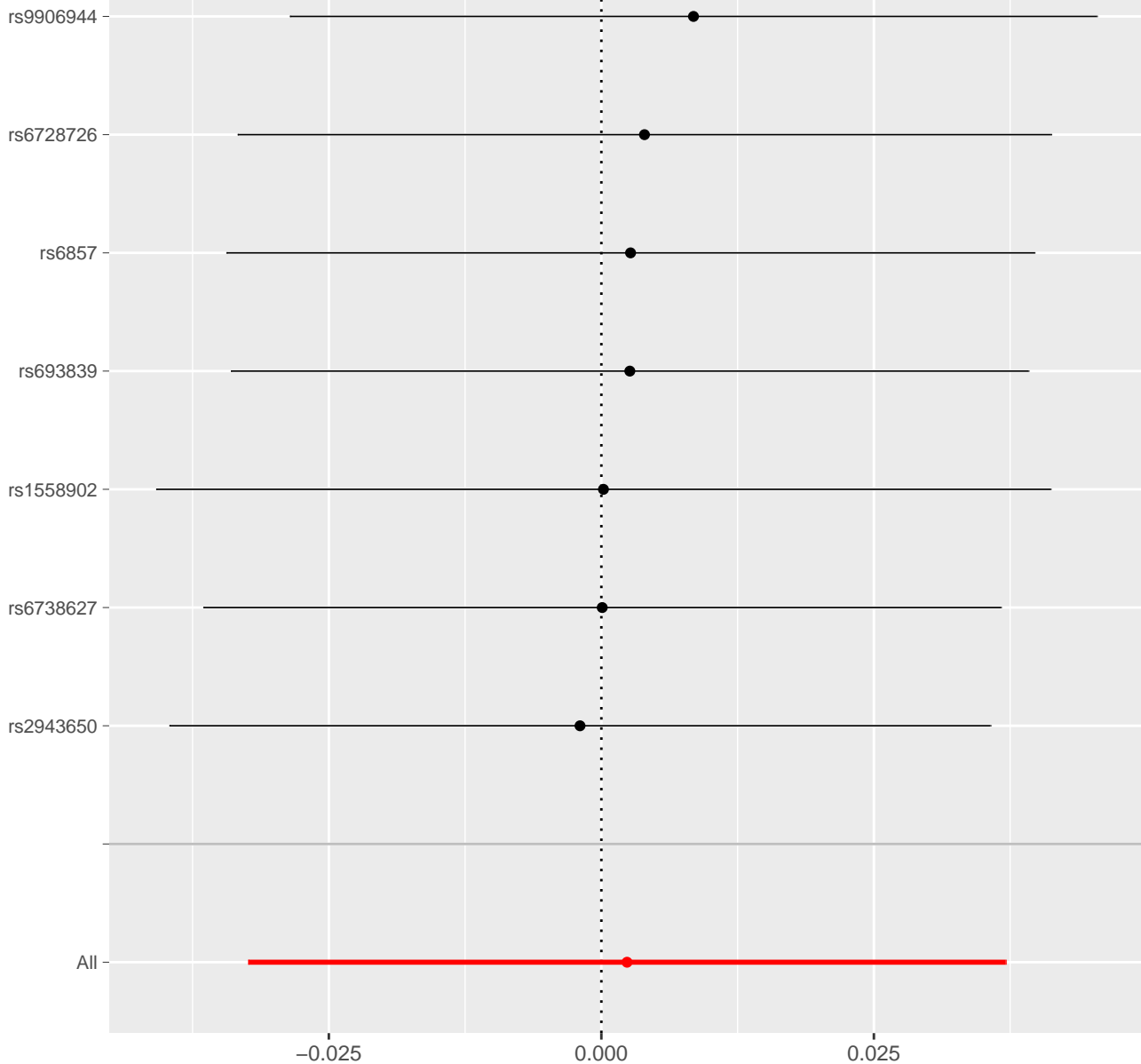
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0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'N-Butyl Oleate || id:738'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Dimethylarginine (SDMA + ADMA) || id:739'

rs1558902

rs6728726

rs9906944

rs693839

rs2943650

rs6857

rs6738627

All

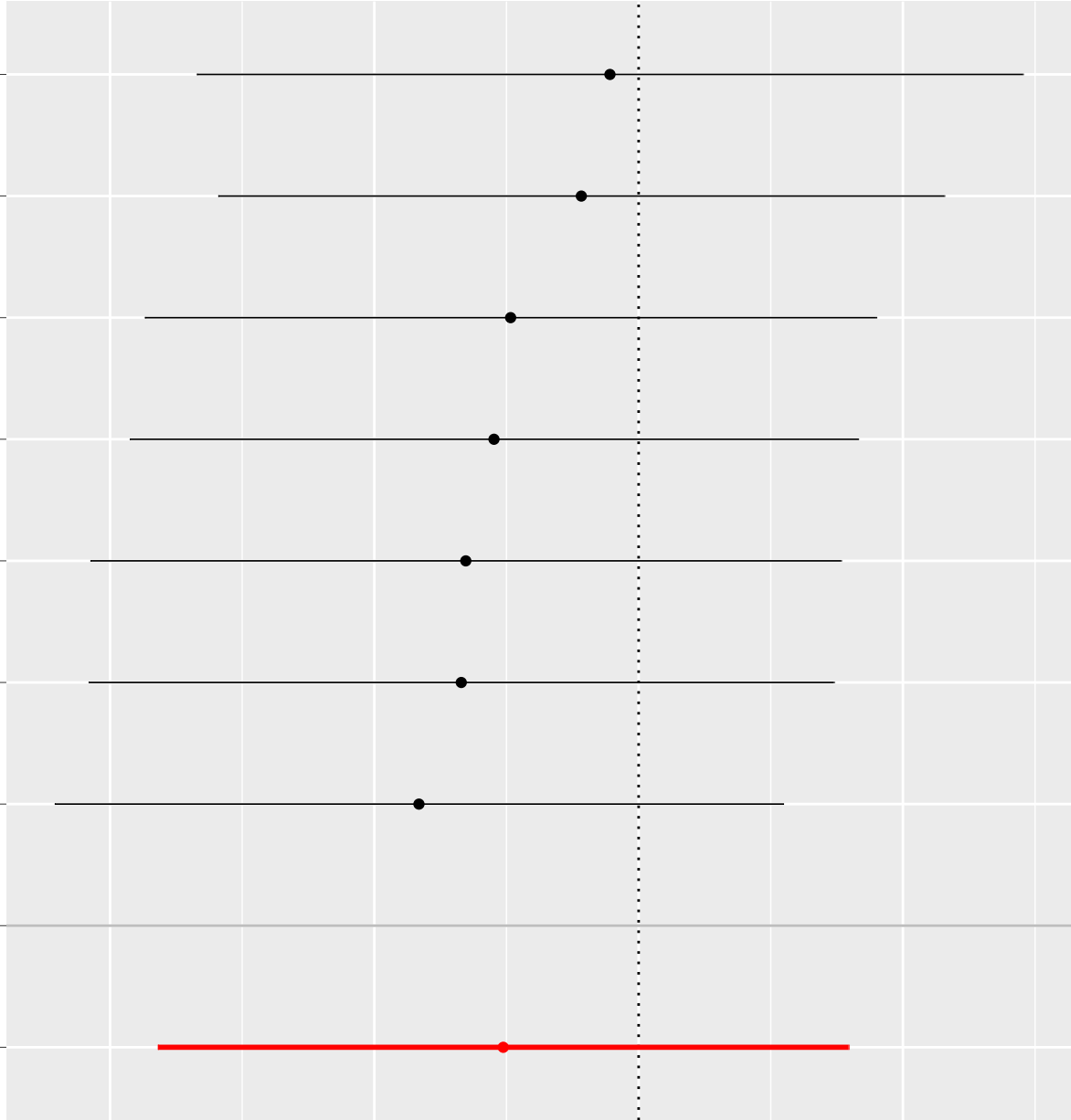
-0.2

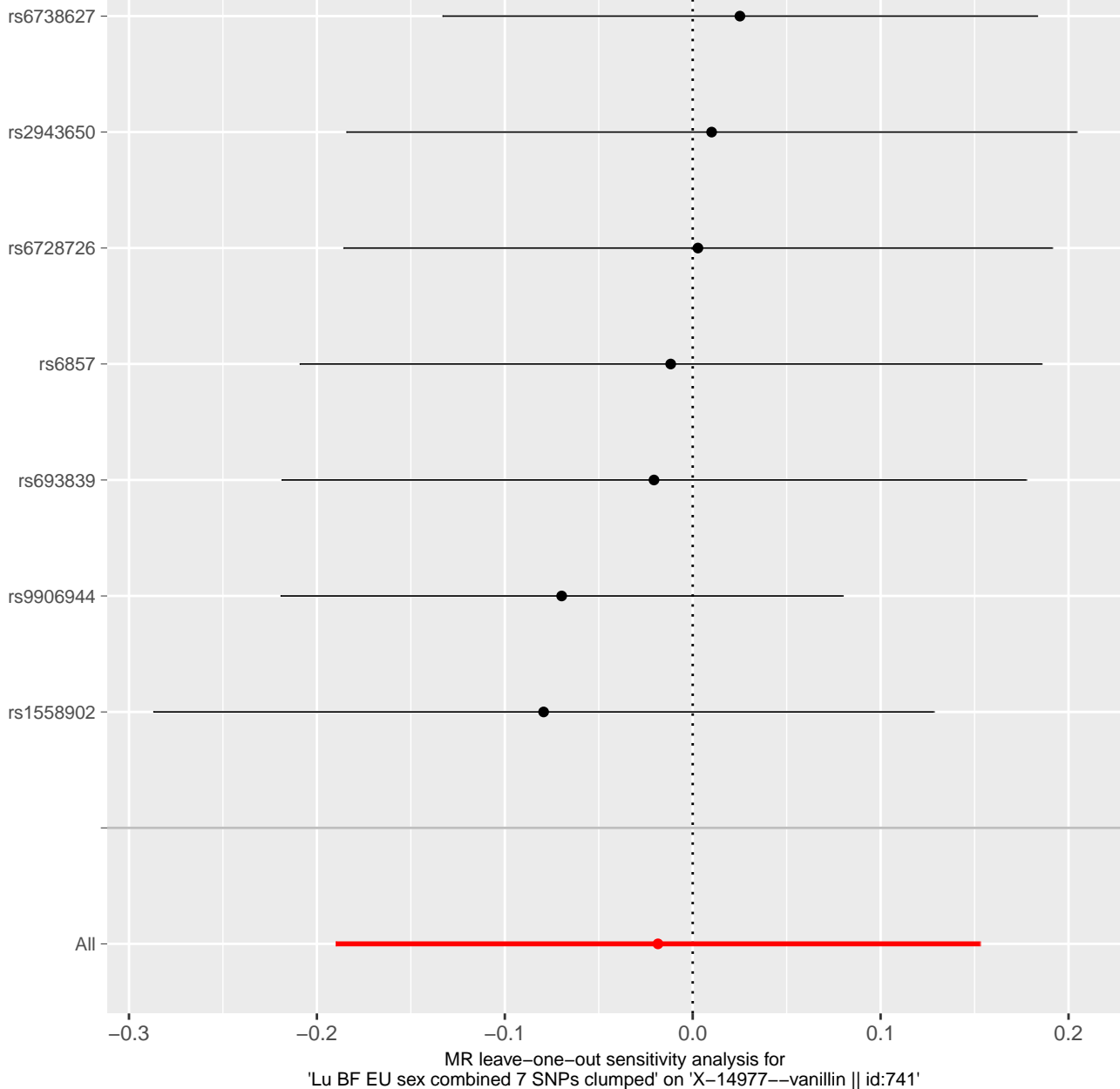
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Taurolithocholate 3-sulfate || id:740'





rs6738627

rs6728726

rs6857

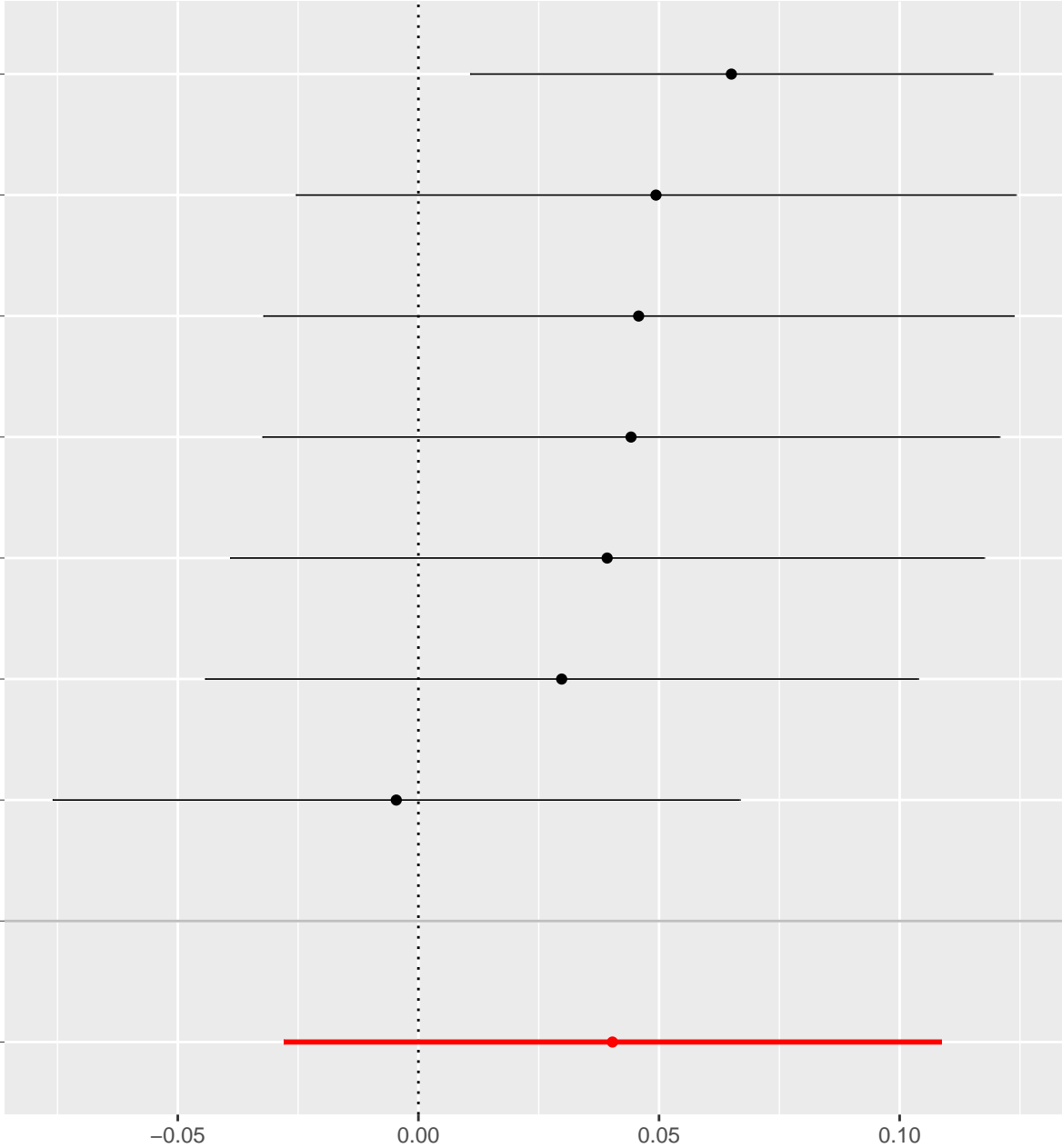
rs693839

rs9906944

rs2943650

rs1558902

All



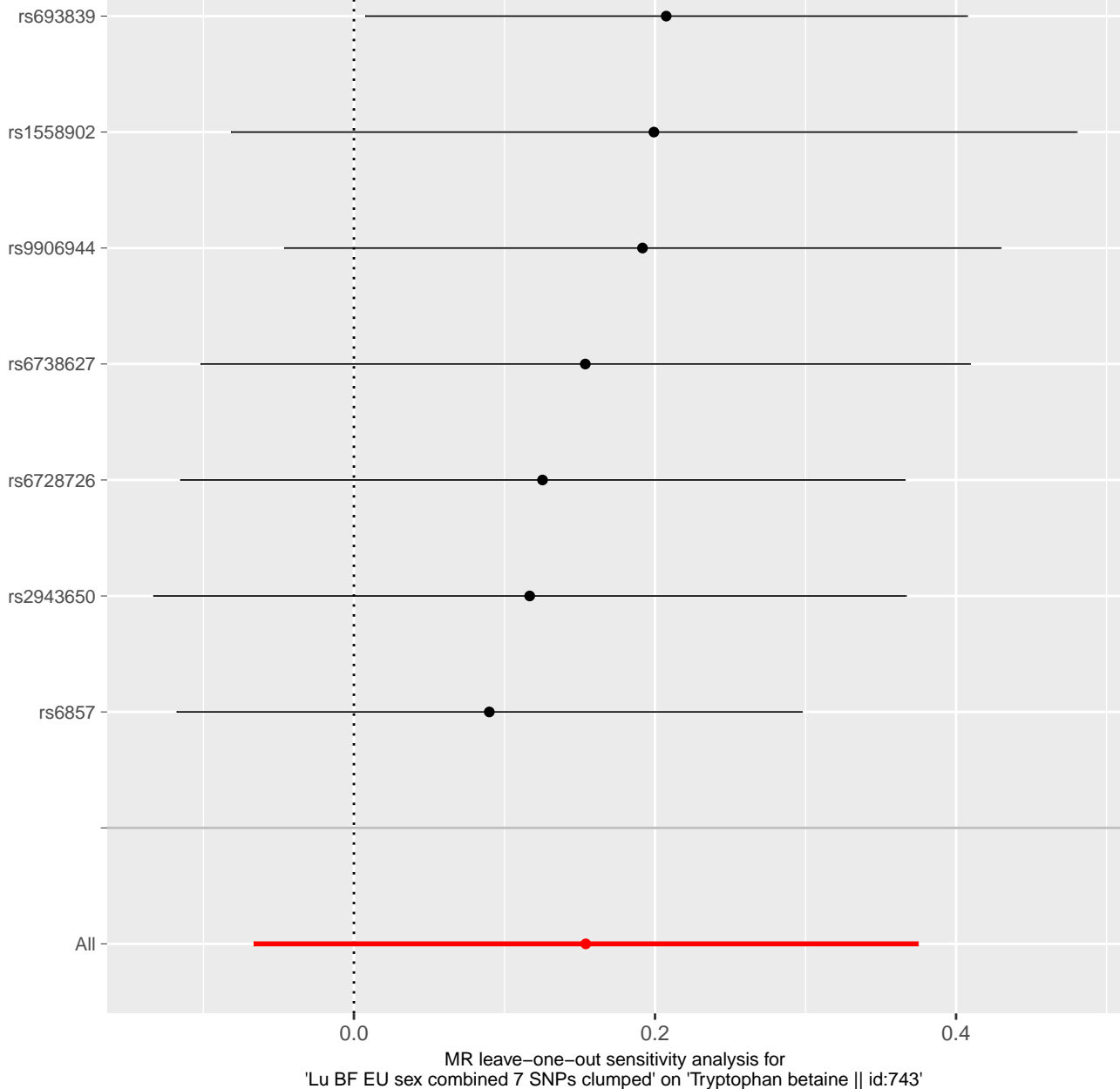
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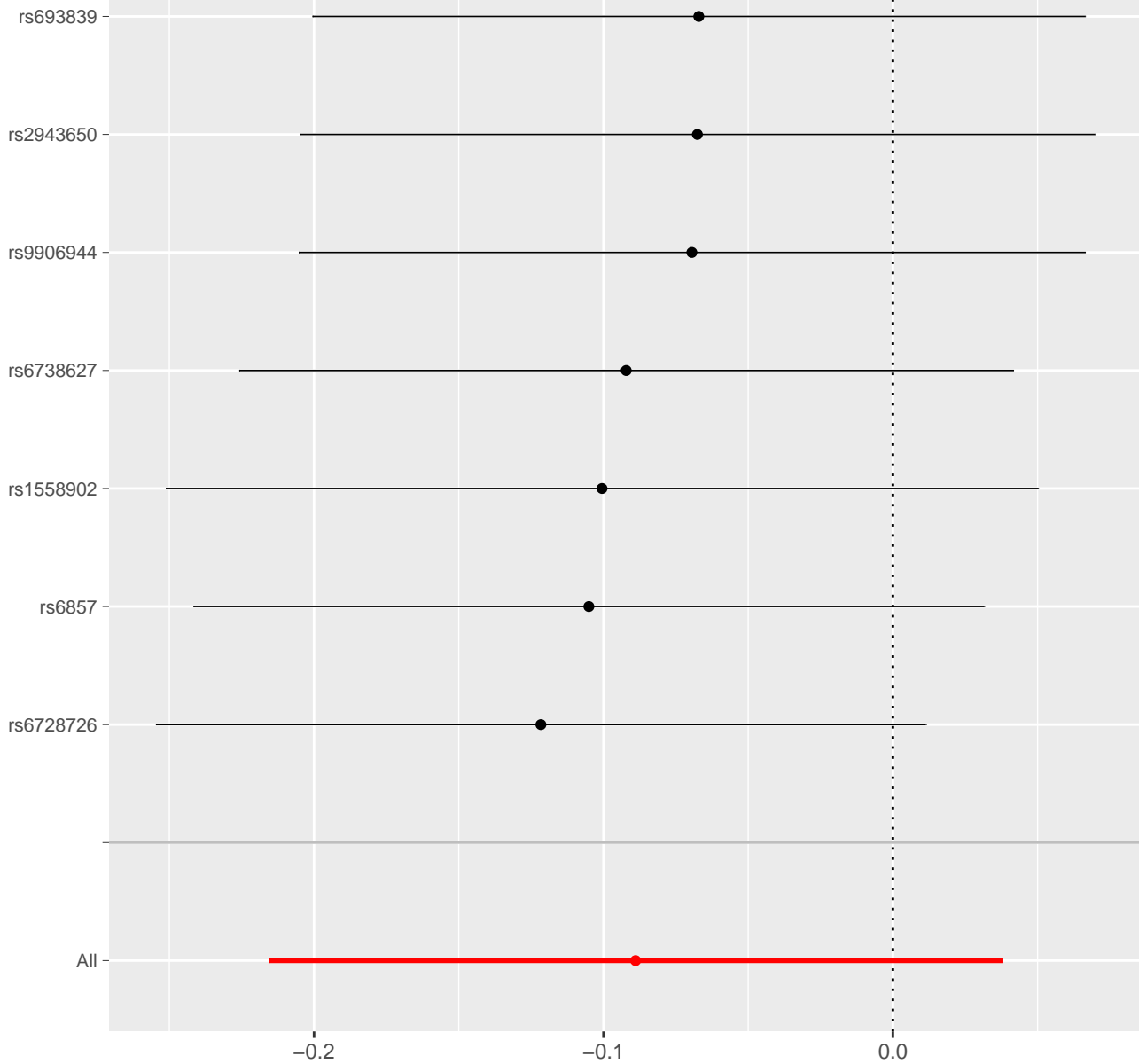
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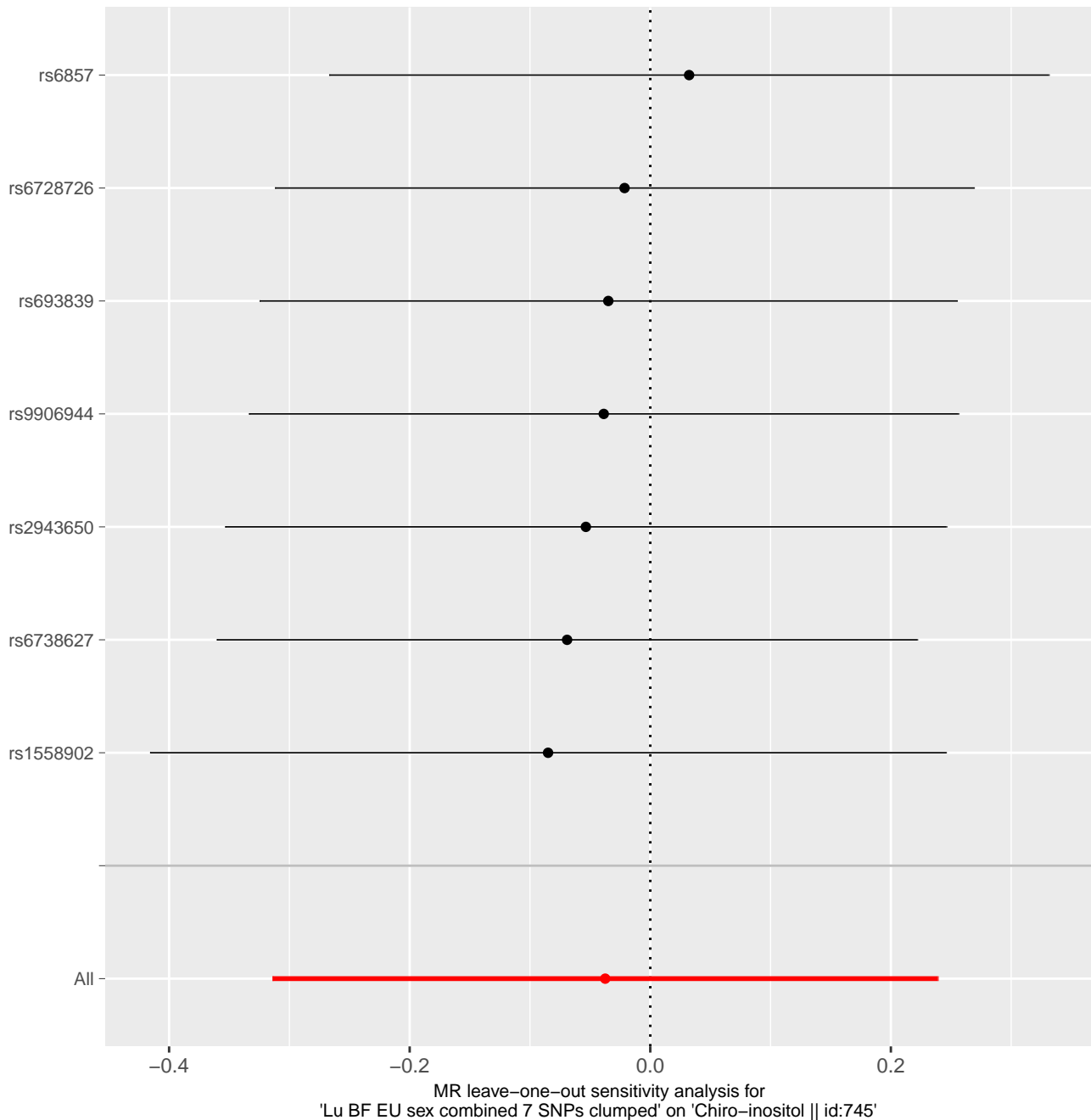
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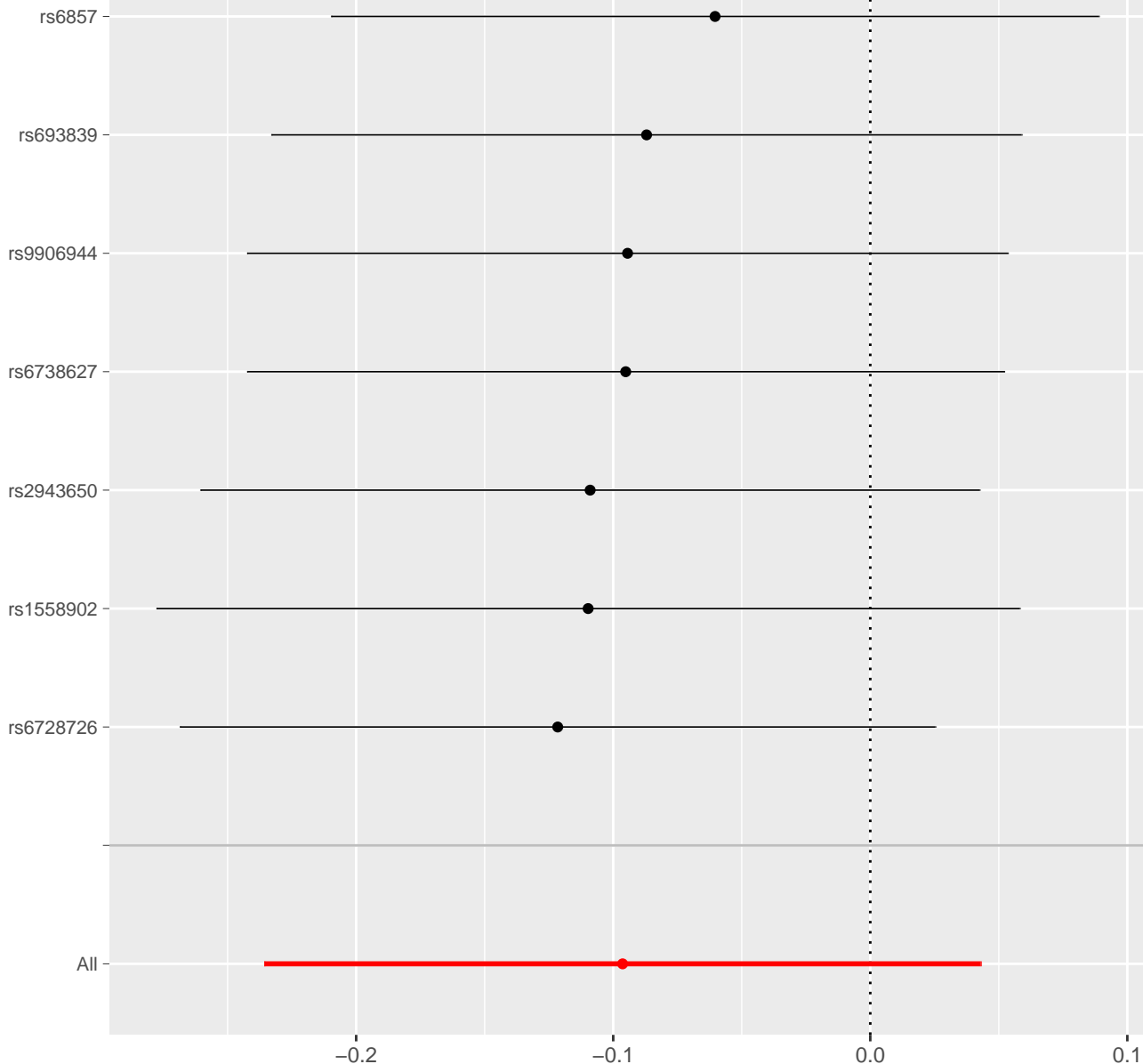
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MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Succinylcarnitine || id:742'

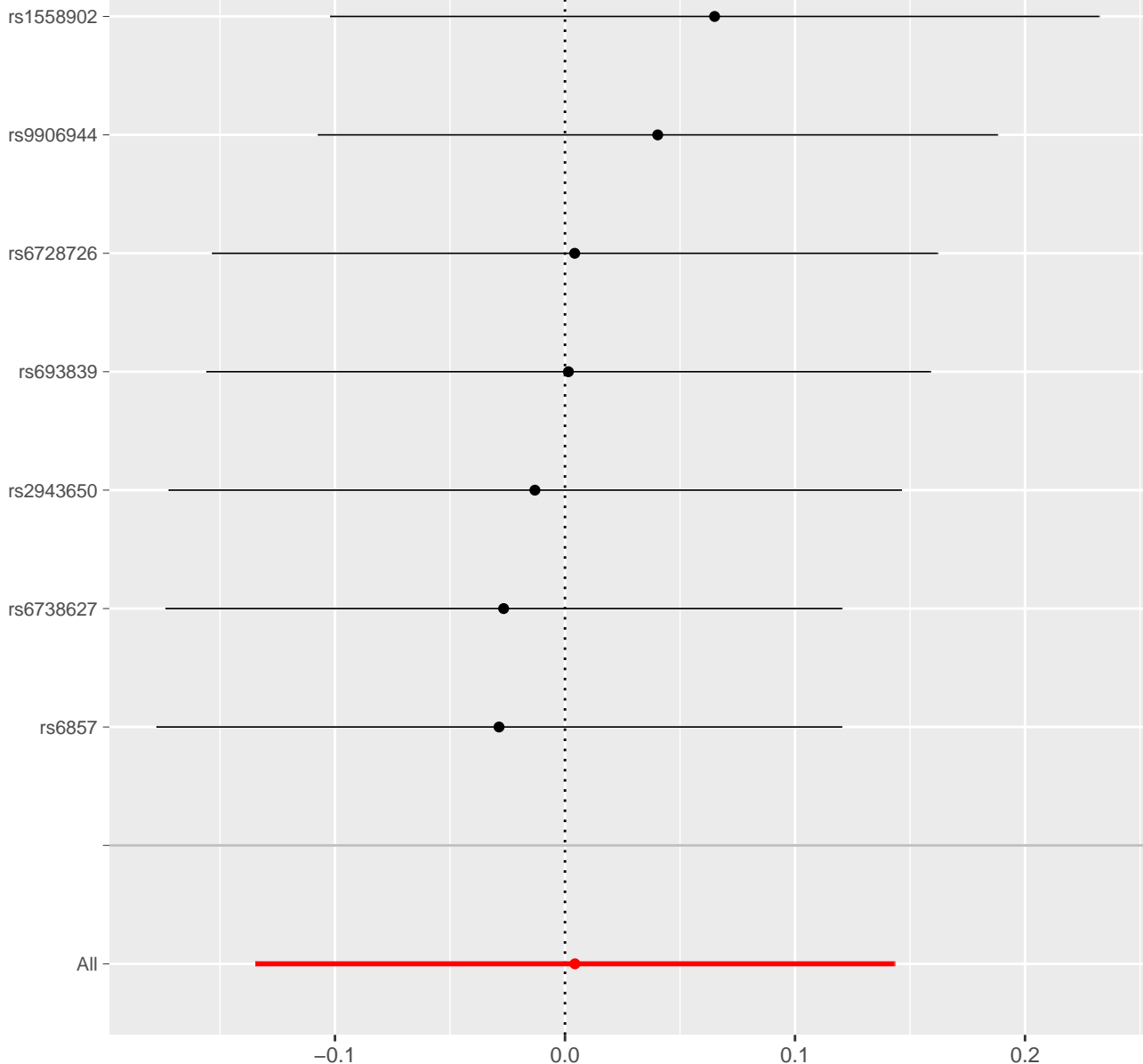




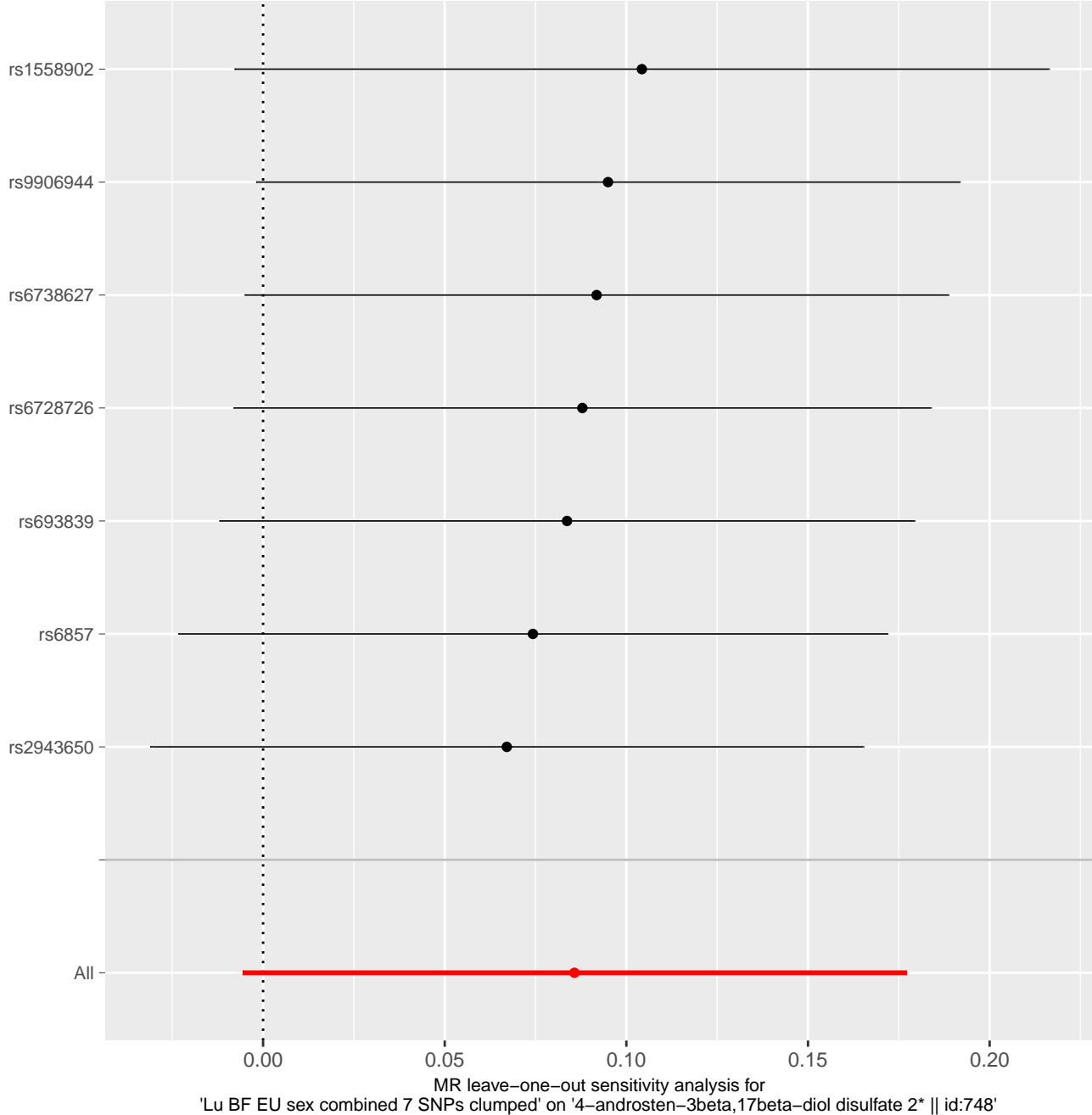




MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '5alpha-androstan-3beta,17beta-diol disulfate || id:746'



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '4-androsten-3beta,17beta-diol disulfate 1* || id:747'



rs9906944

rs2943650

rs6857

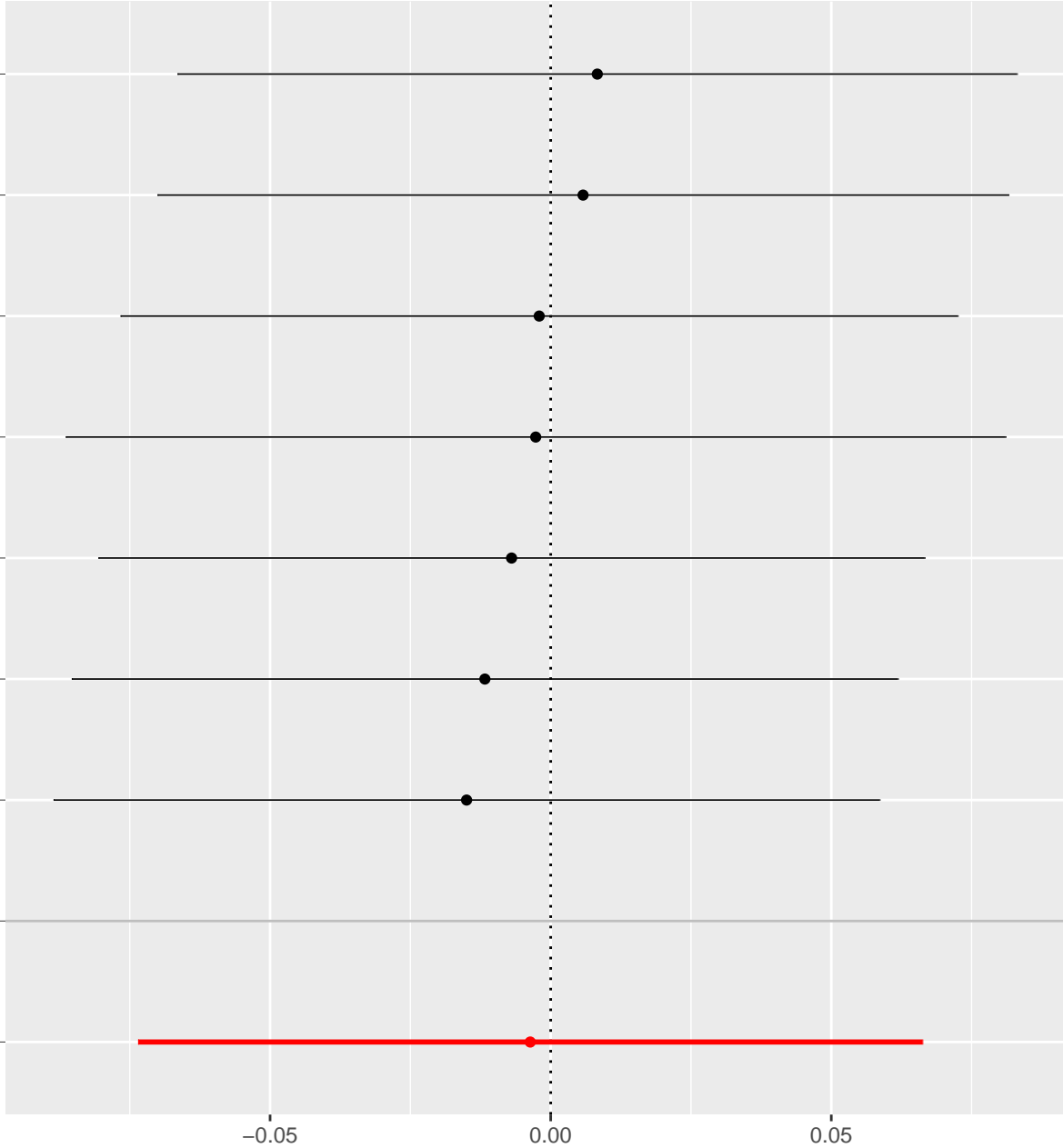
rs1558902

rs693839

rs6738627

rs6728726

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '2-hydroxyglutarate || id:749'

rs9906944

rs6728726

rs693839

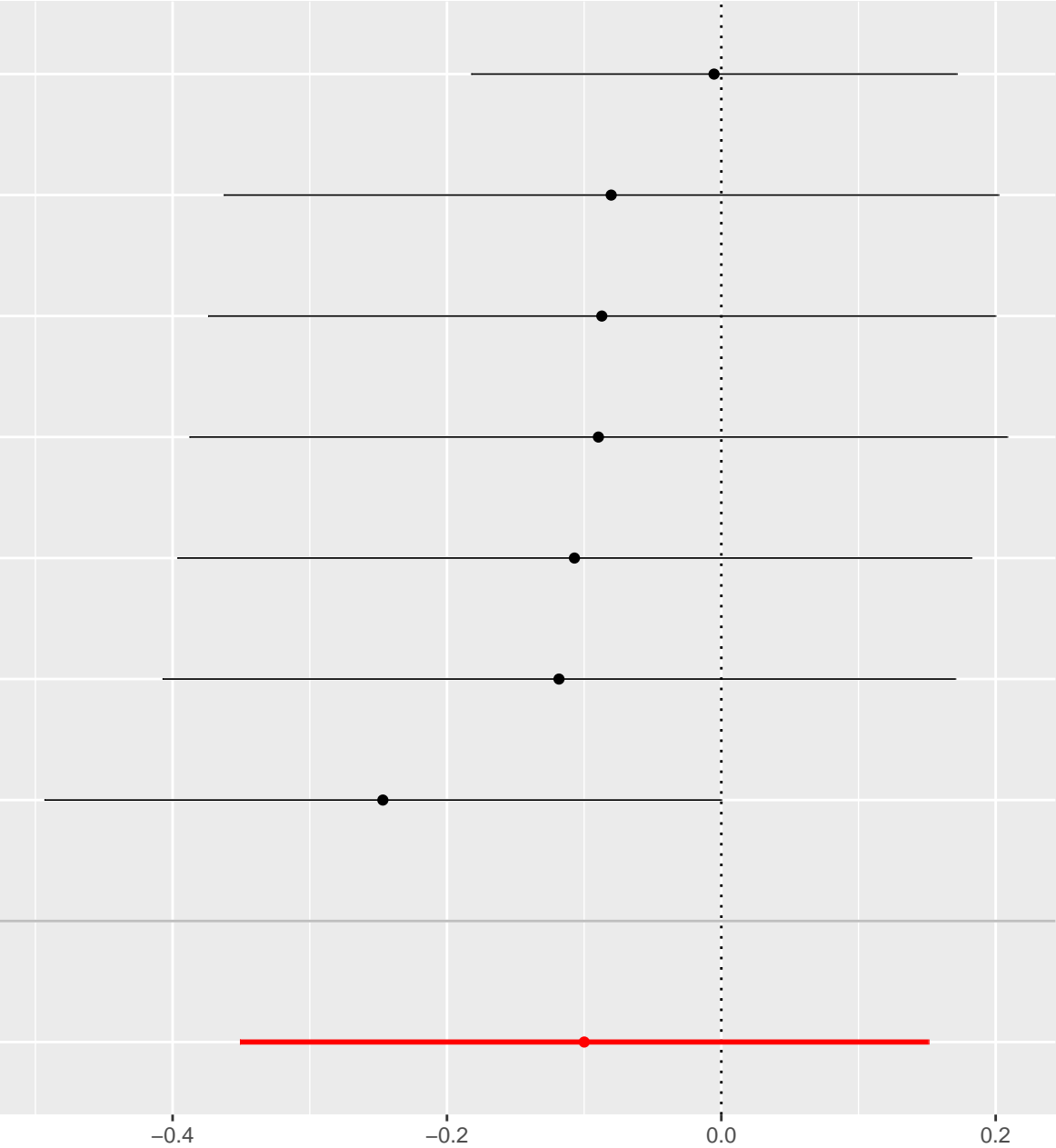
rs2943650

rs6738627

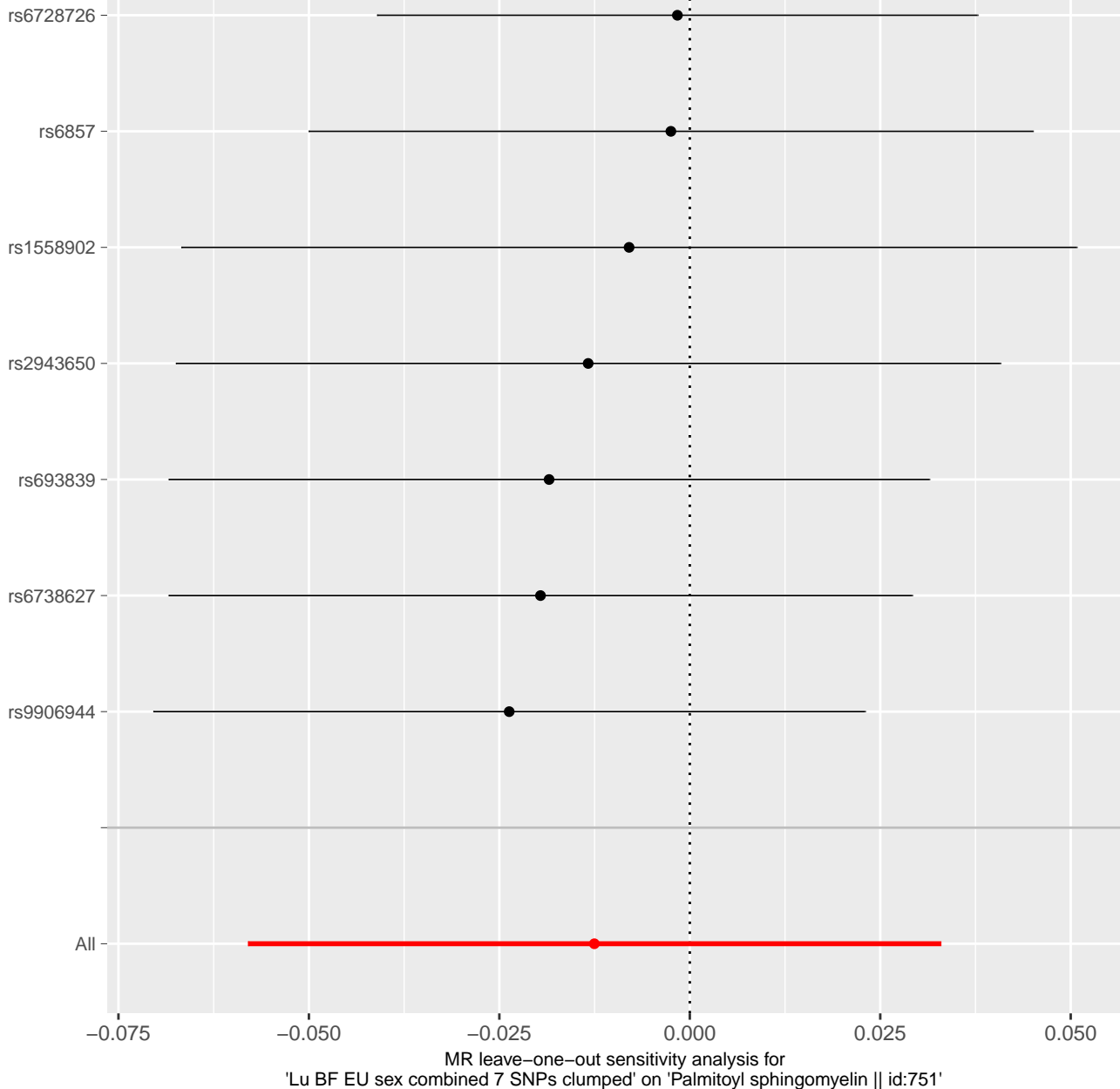
rs6857

rs1558902

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Ergothioneine || id:750'



rs6738627

rs9906944

rs693839

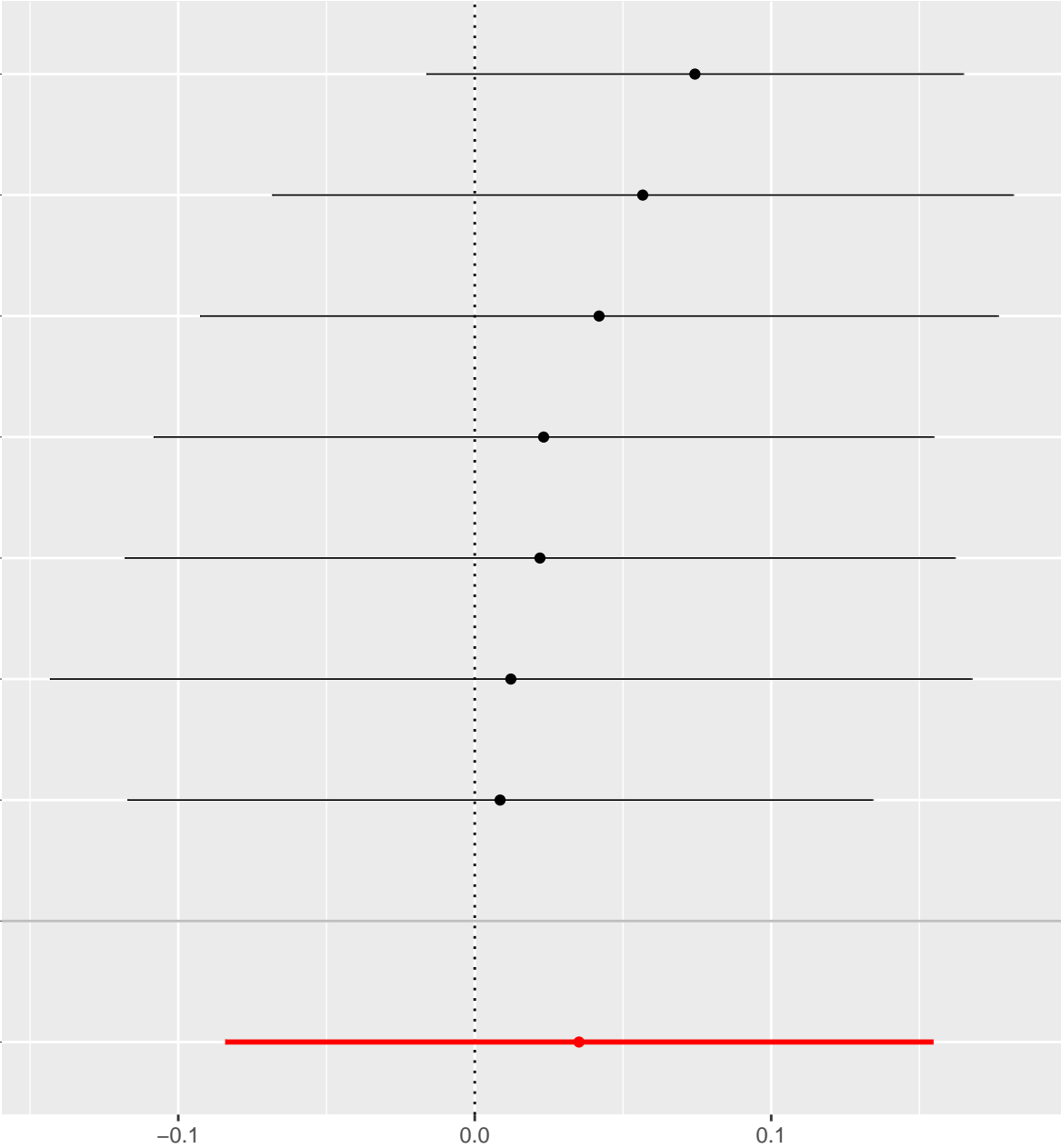
rs6728726

rs2943650

rs1558902

rs6857

All



MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Phenylalanyphenylalanine || id:752'

rs9906944

rs6738627

rs1558902

rs6857

rs693839

rs6728726

rs2943650

All

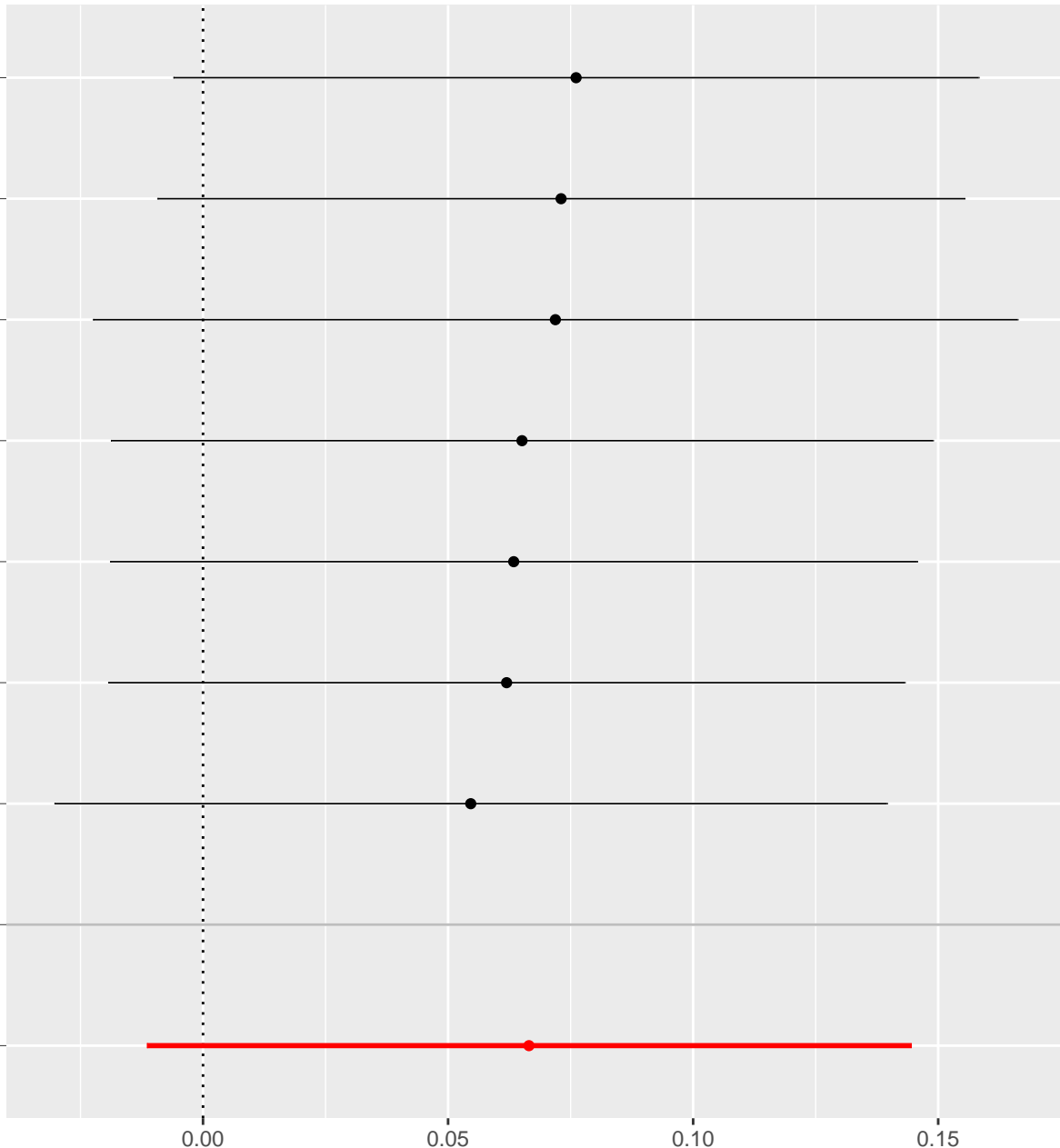
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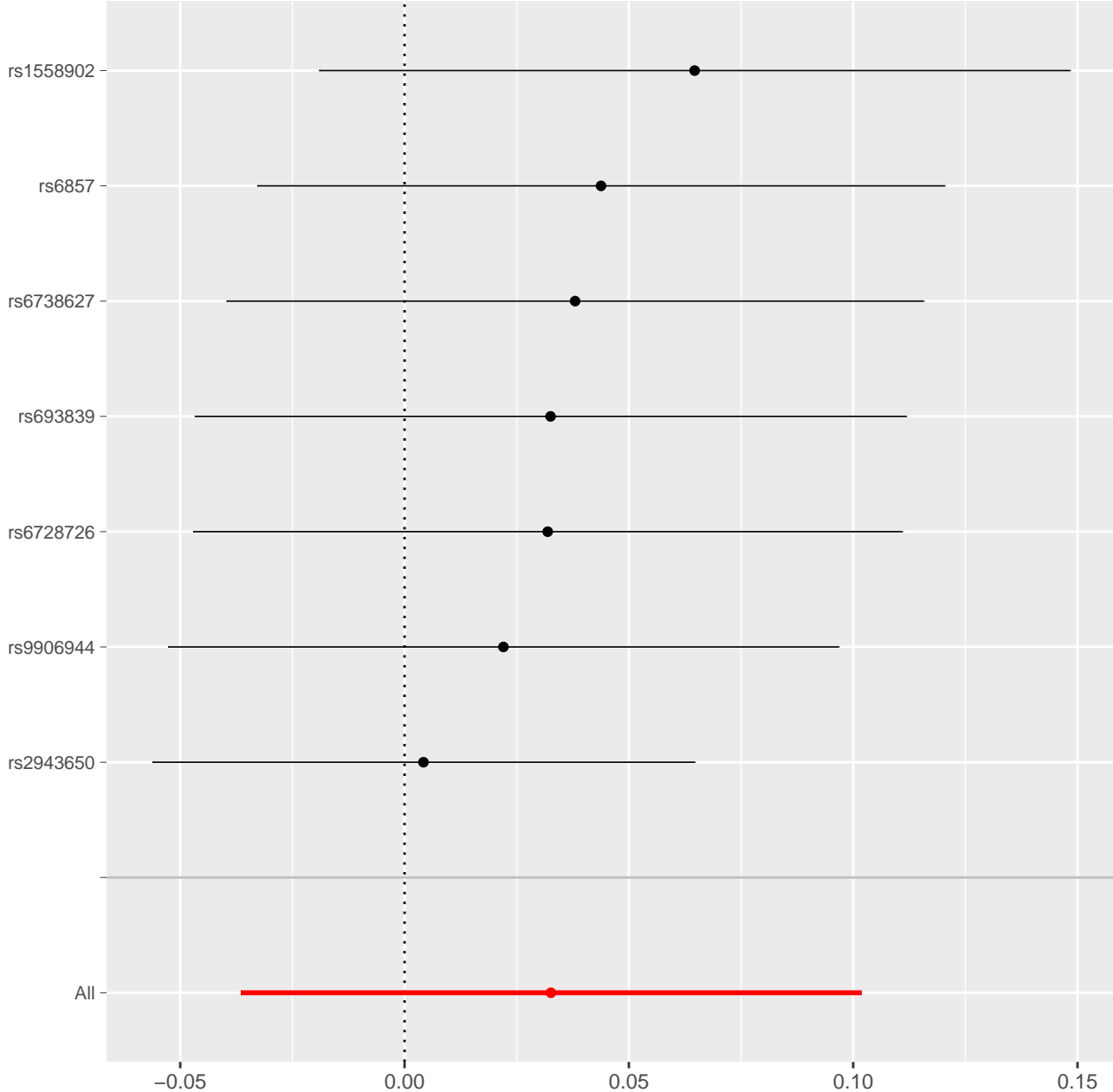
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0.10

0.15

MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on 'Cis-4-decenoyl carnitine || id:753'





MR leave-one-out sensitivity analysis for
'Lu BF EU sex combined 7 SNPs clumped' on '15-methylpalmitate (isobar with 2-methylpalmitate) || id:754'