

rs6728726

rs9906944

rs6857

rs693839

rs1558902

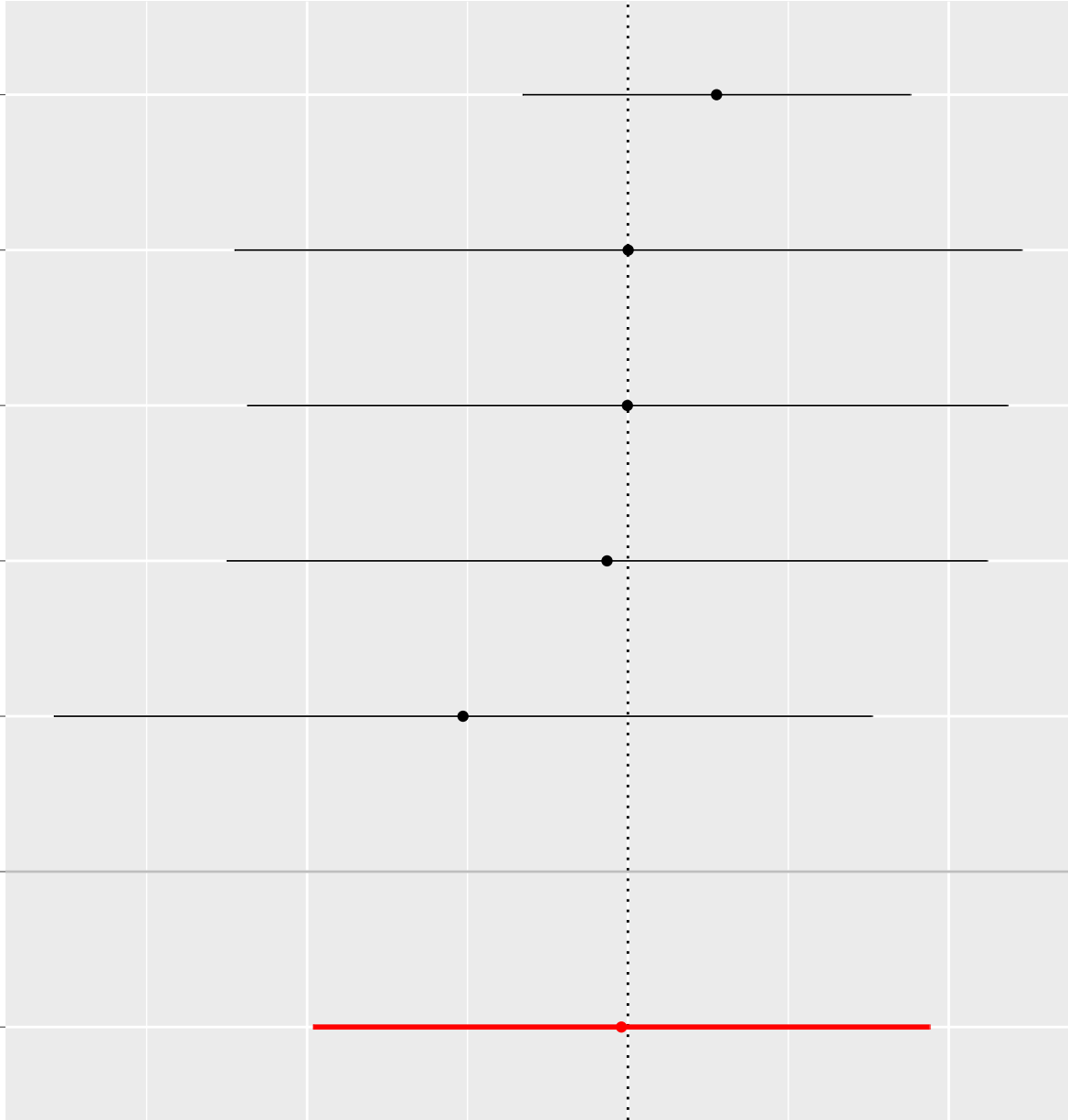
All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glutamine || id:303'

-0.05

0.00

0.05



rs6728726

rs693839

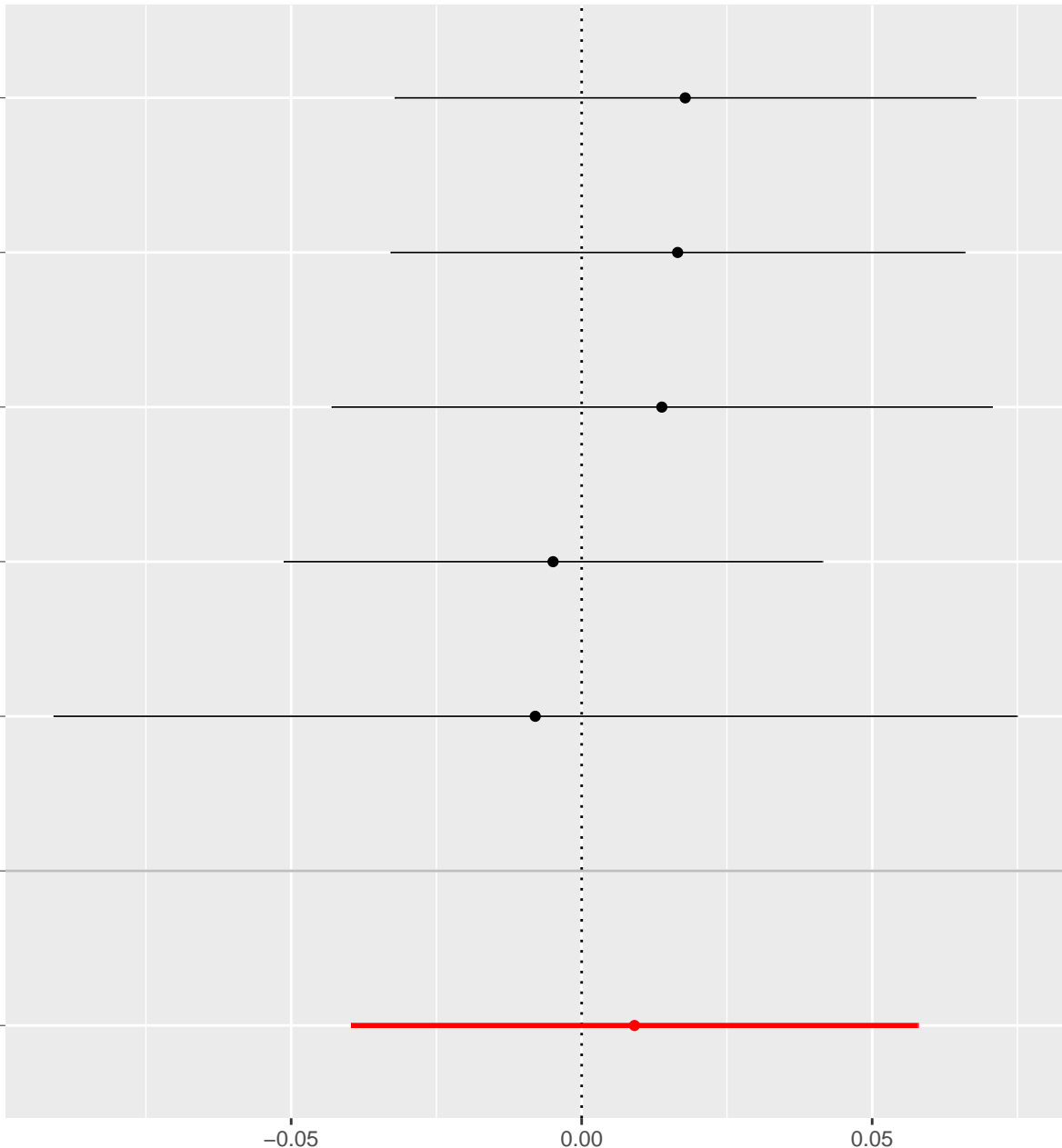
rs9906944

rs6857

rs1558902

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Tryptophan || id:304'



rs6728726

rs693839

rs1558902

rs6857

rs9906944

All

-0.06

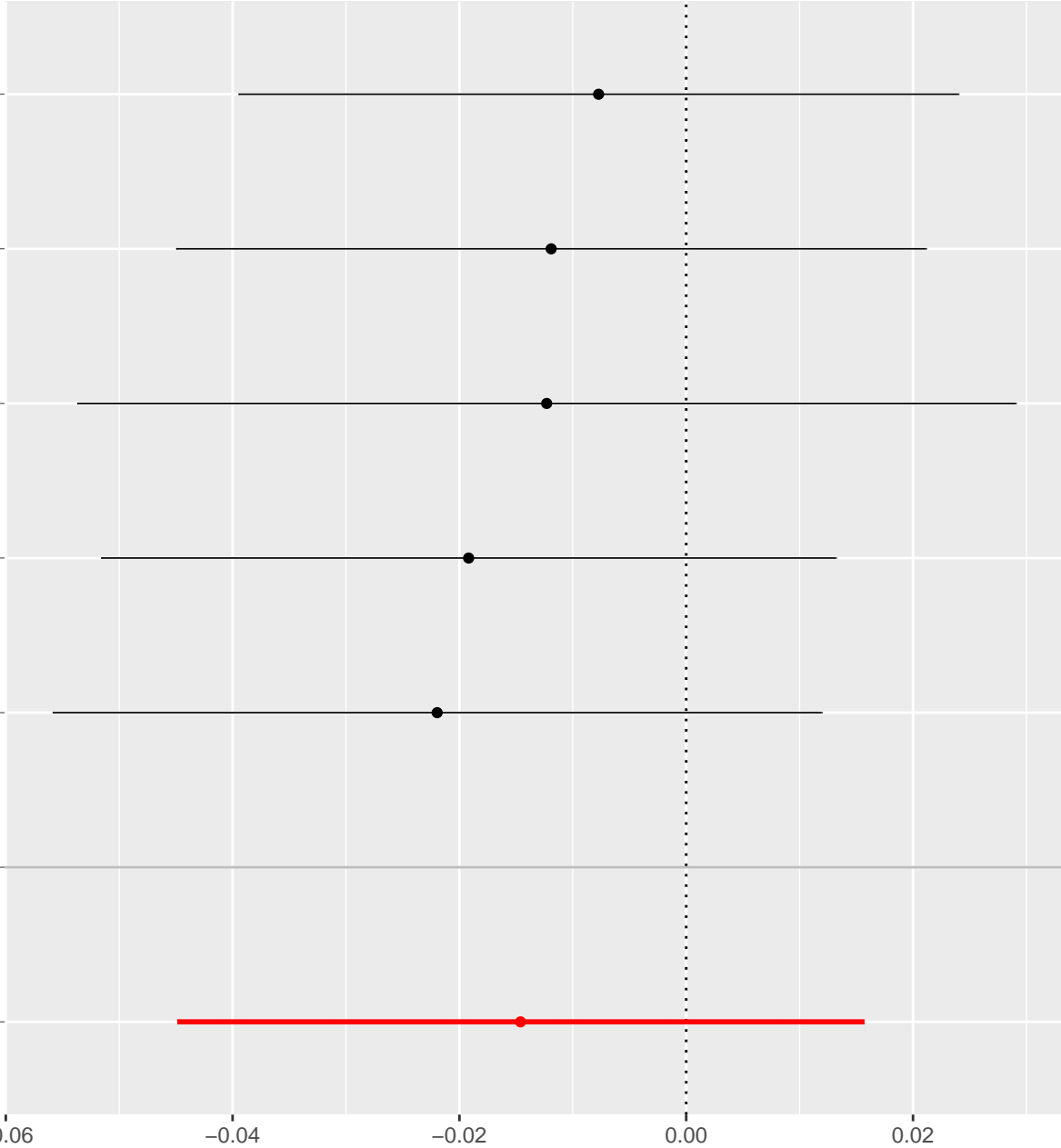
-0.04

-0.02

0.00

0.02

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Histidine || id:305'



rs6728726

rs693839

rs9906944

rs6857

rs1558902

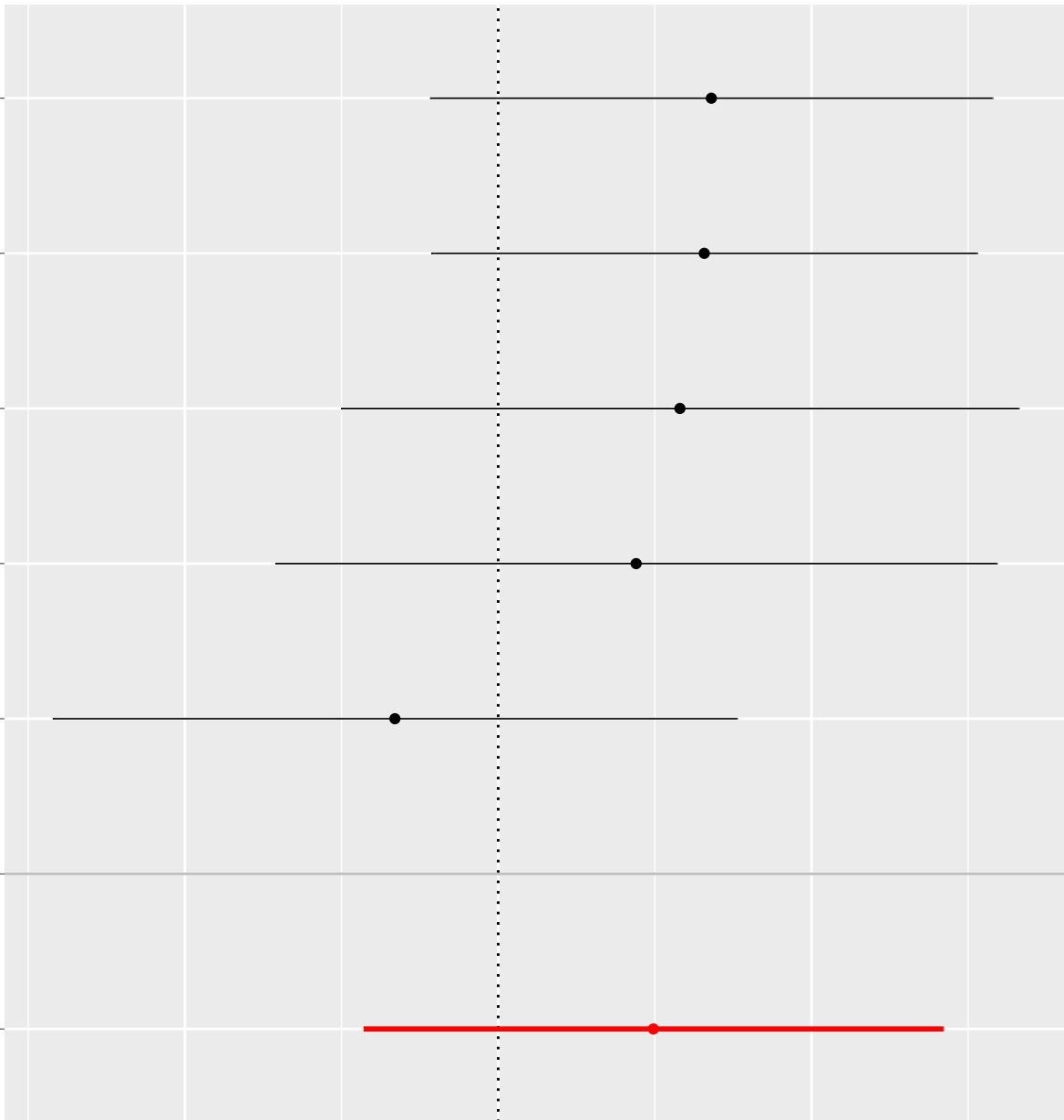
All

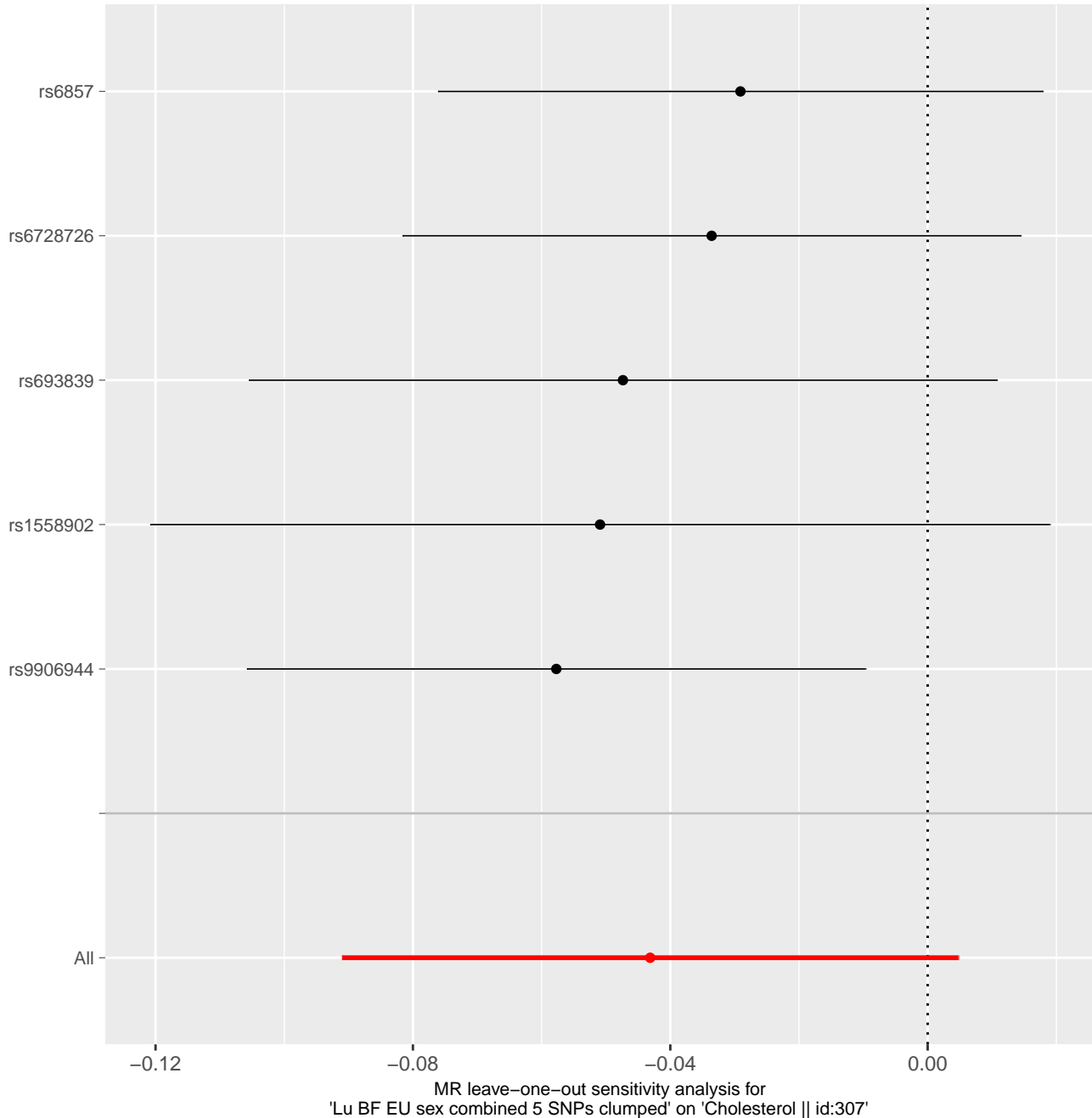
-0.05

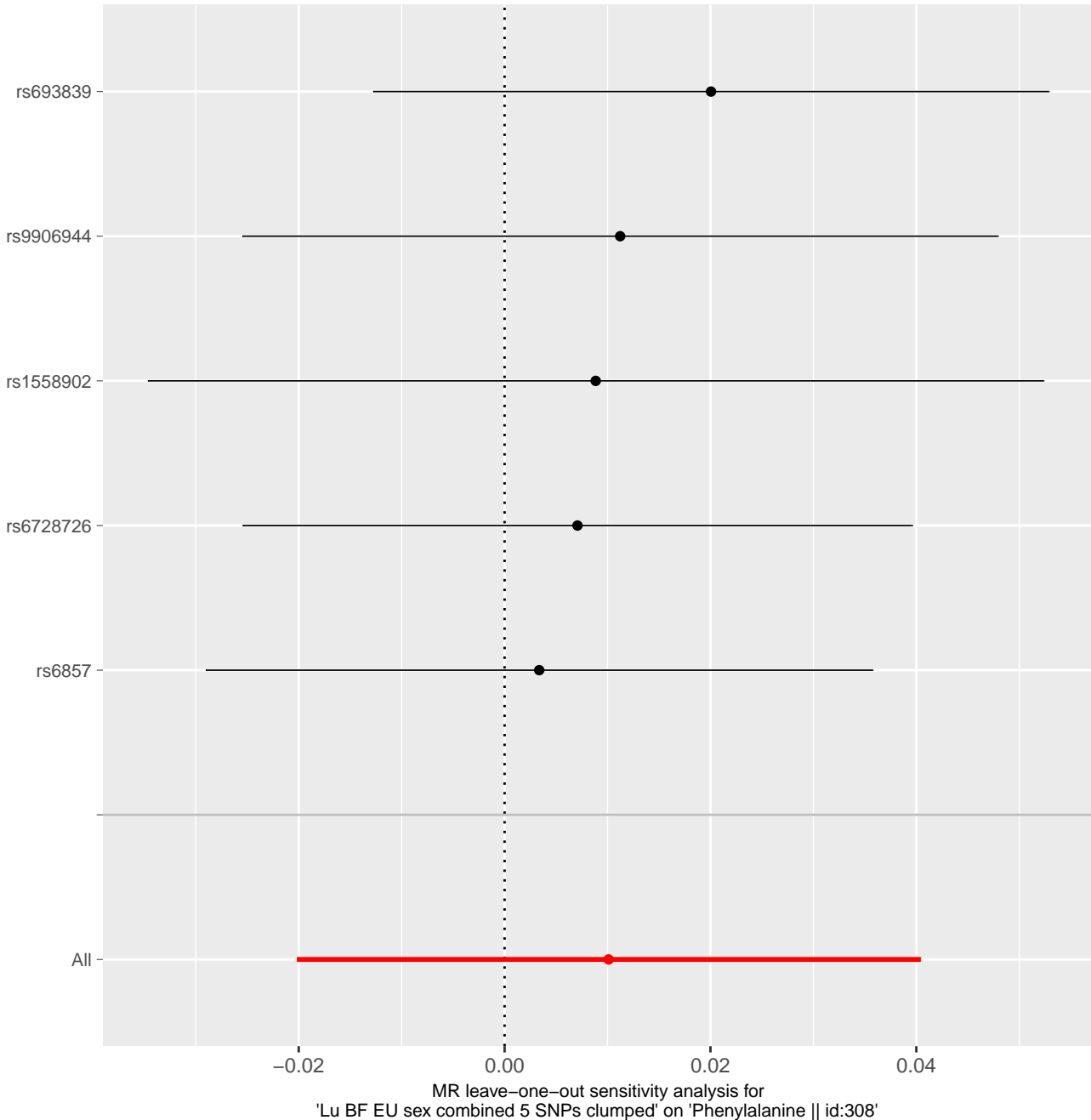
0.00

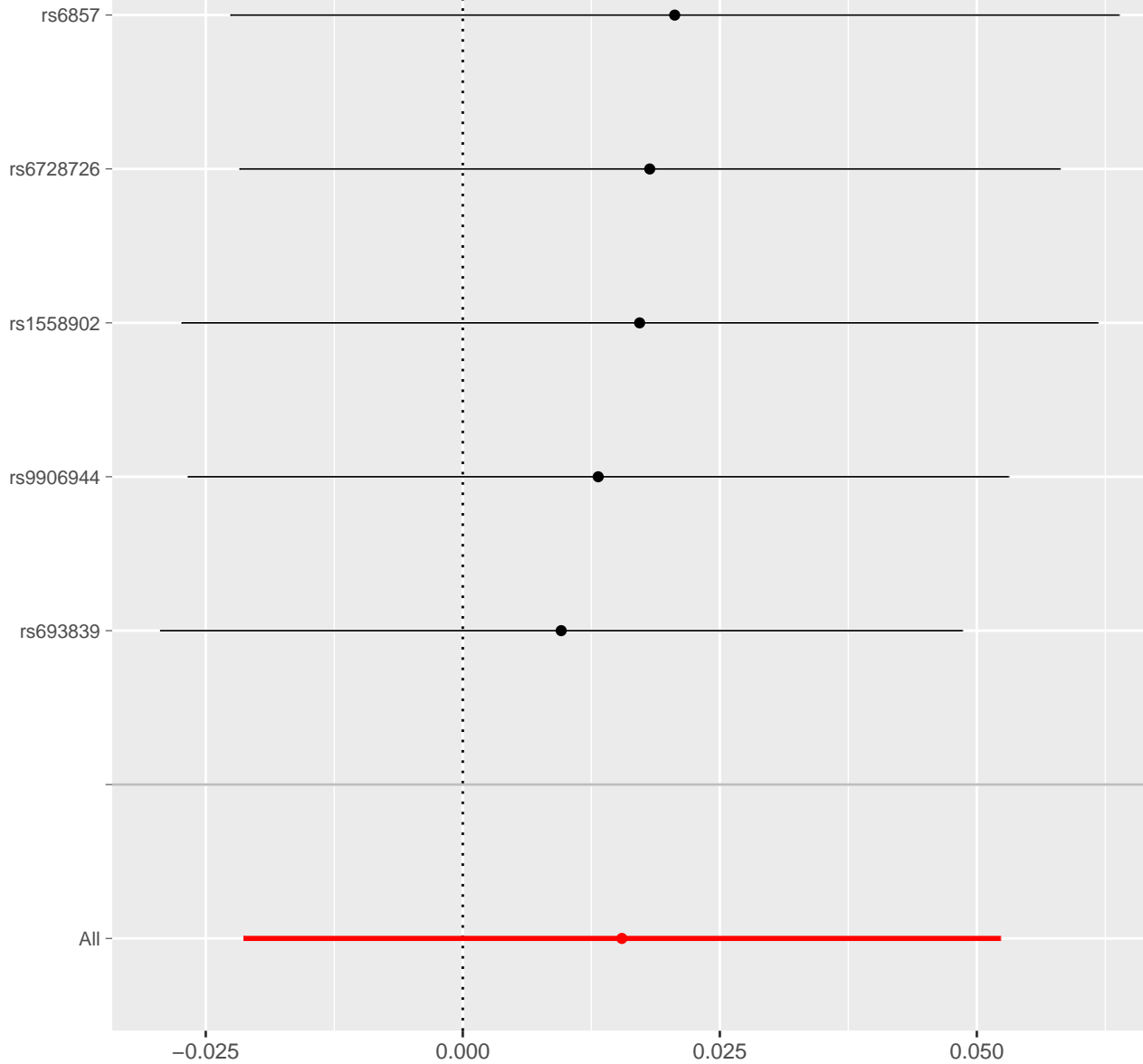
0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Leucine || id:306'









rs9906944

rs6857

rs6728726

rs693839

rs1558902

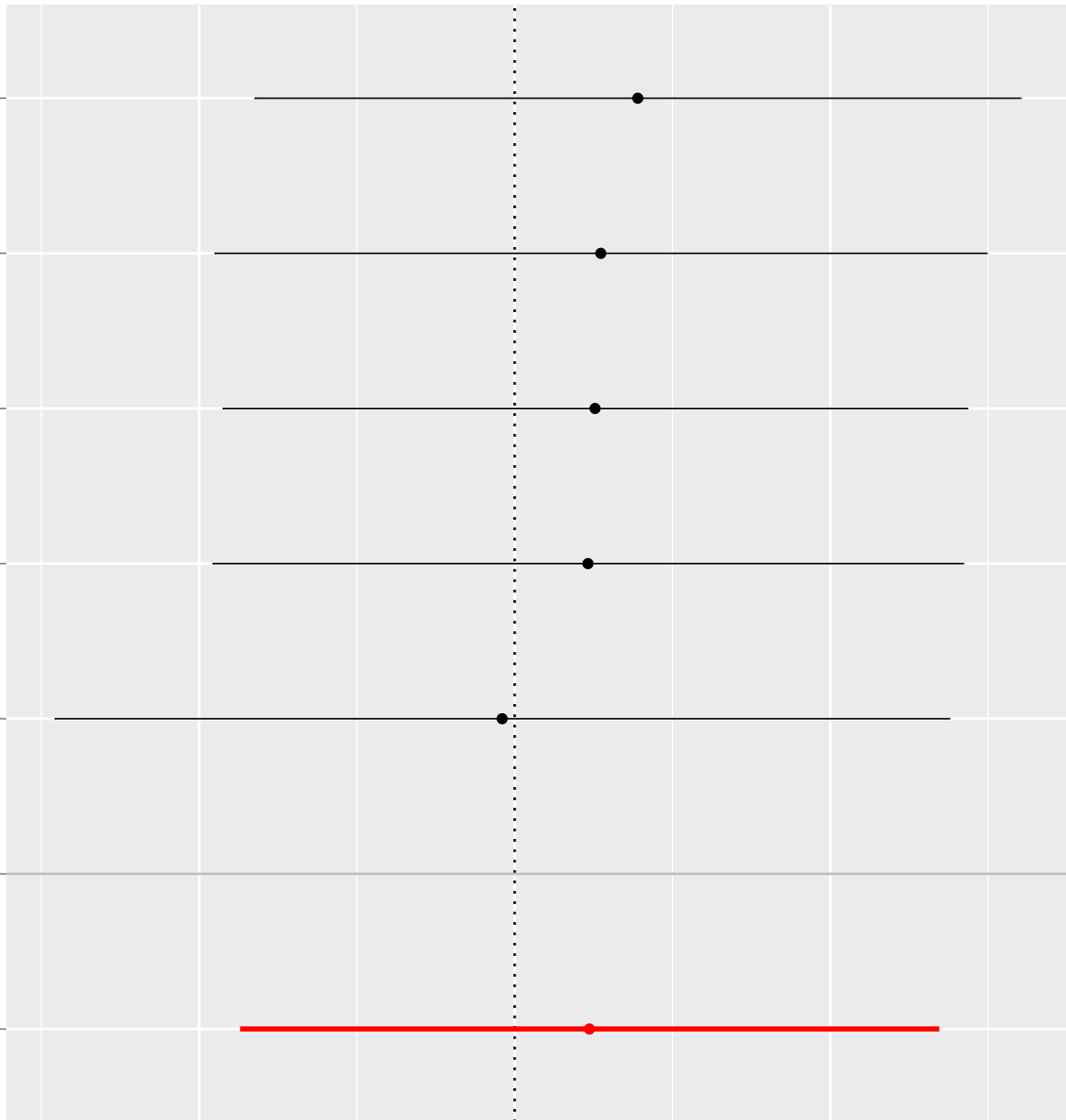
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Lactate || id:310'





rs1558902

rs6857

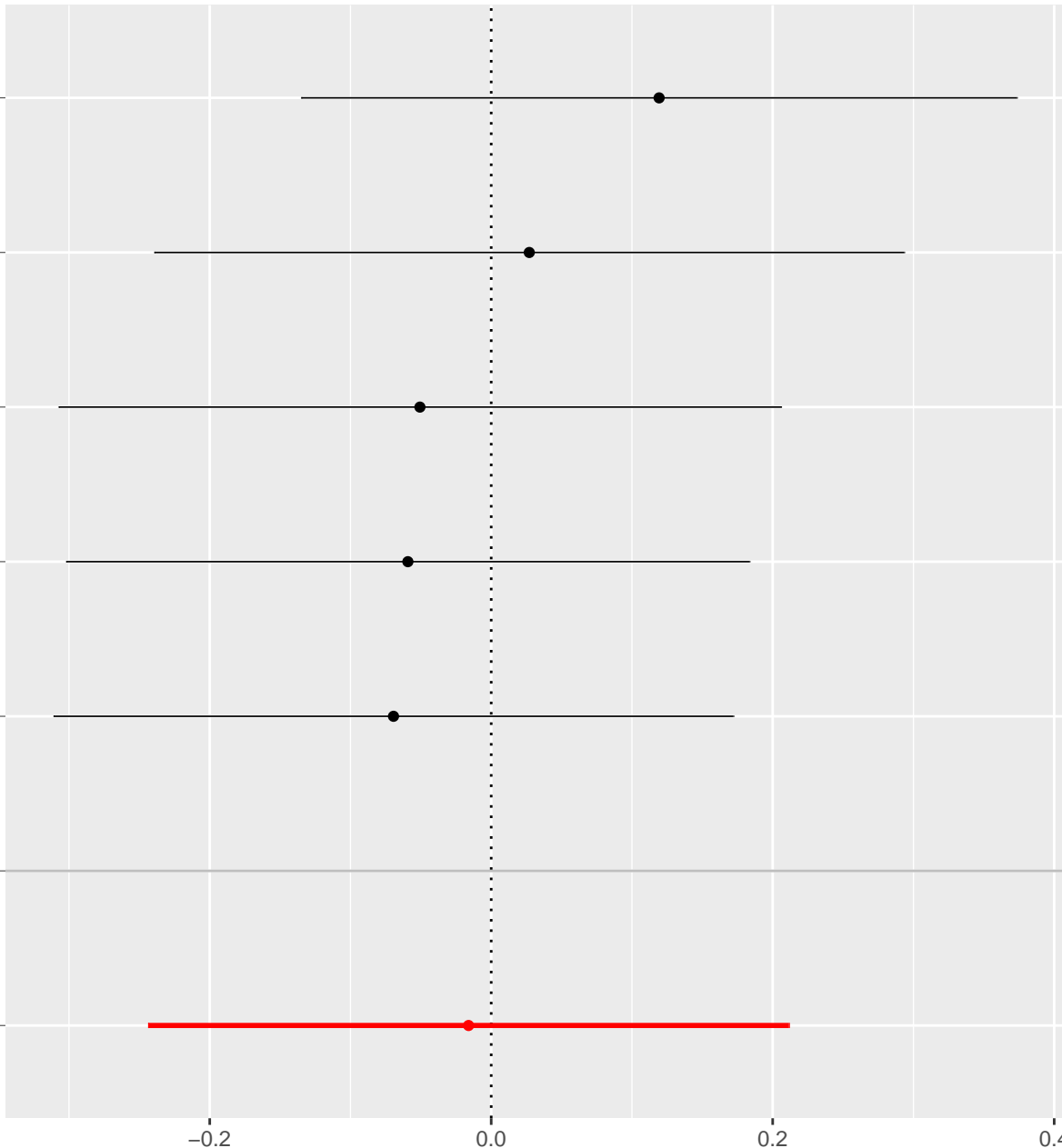
rs693839

rs6728726

rs9906944

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '3-hydroxybutyrate (BHBA) || id:311'



rs693839

rs6728726

rs9906944

rs6857

rs1558902

All

-0.10

-0.05

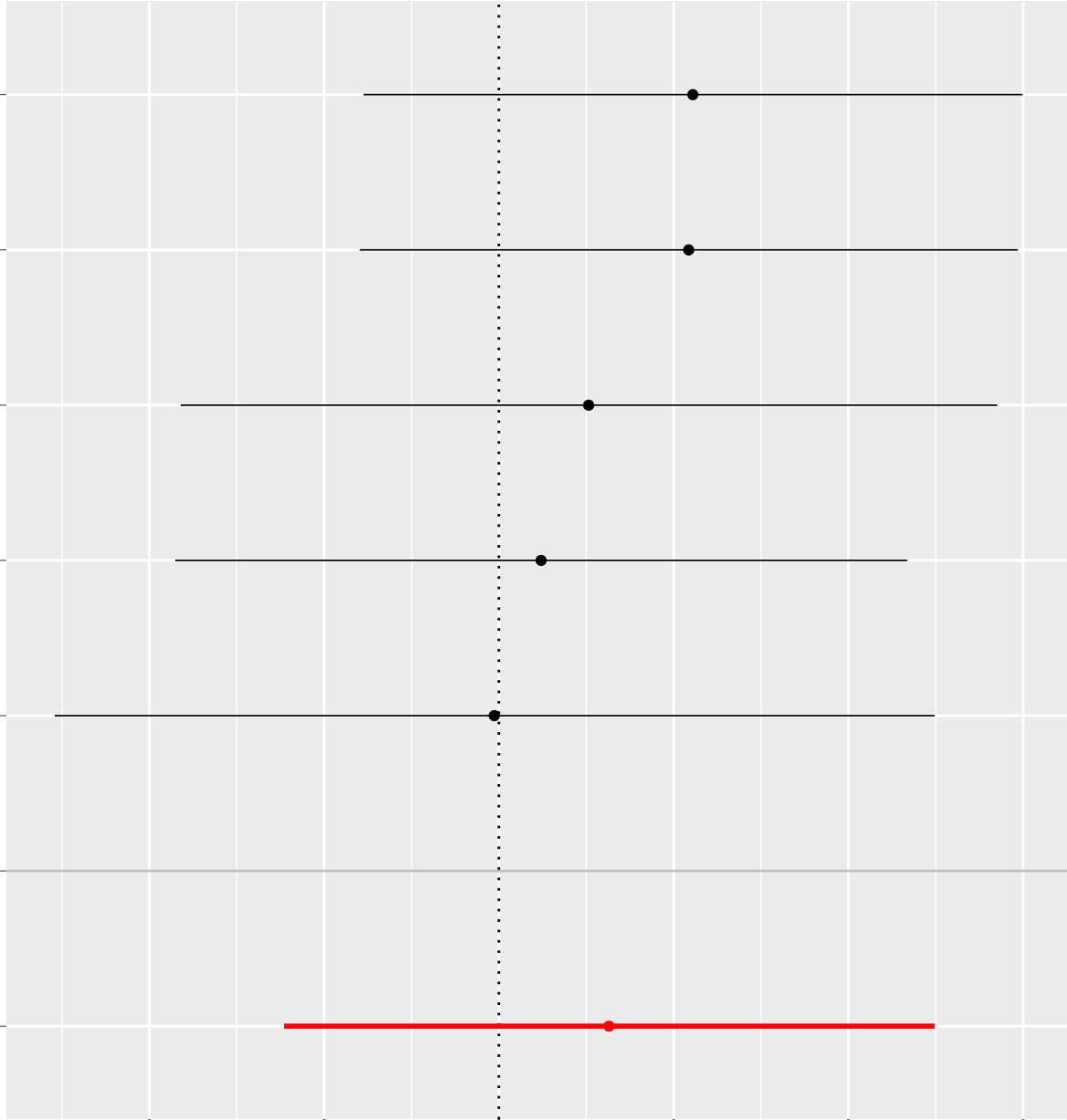
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Arabinose || id:312'



rs6728726

rs9906944

rs693839

rs1558902

rs6857

All

-0.10

-0.05

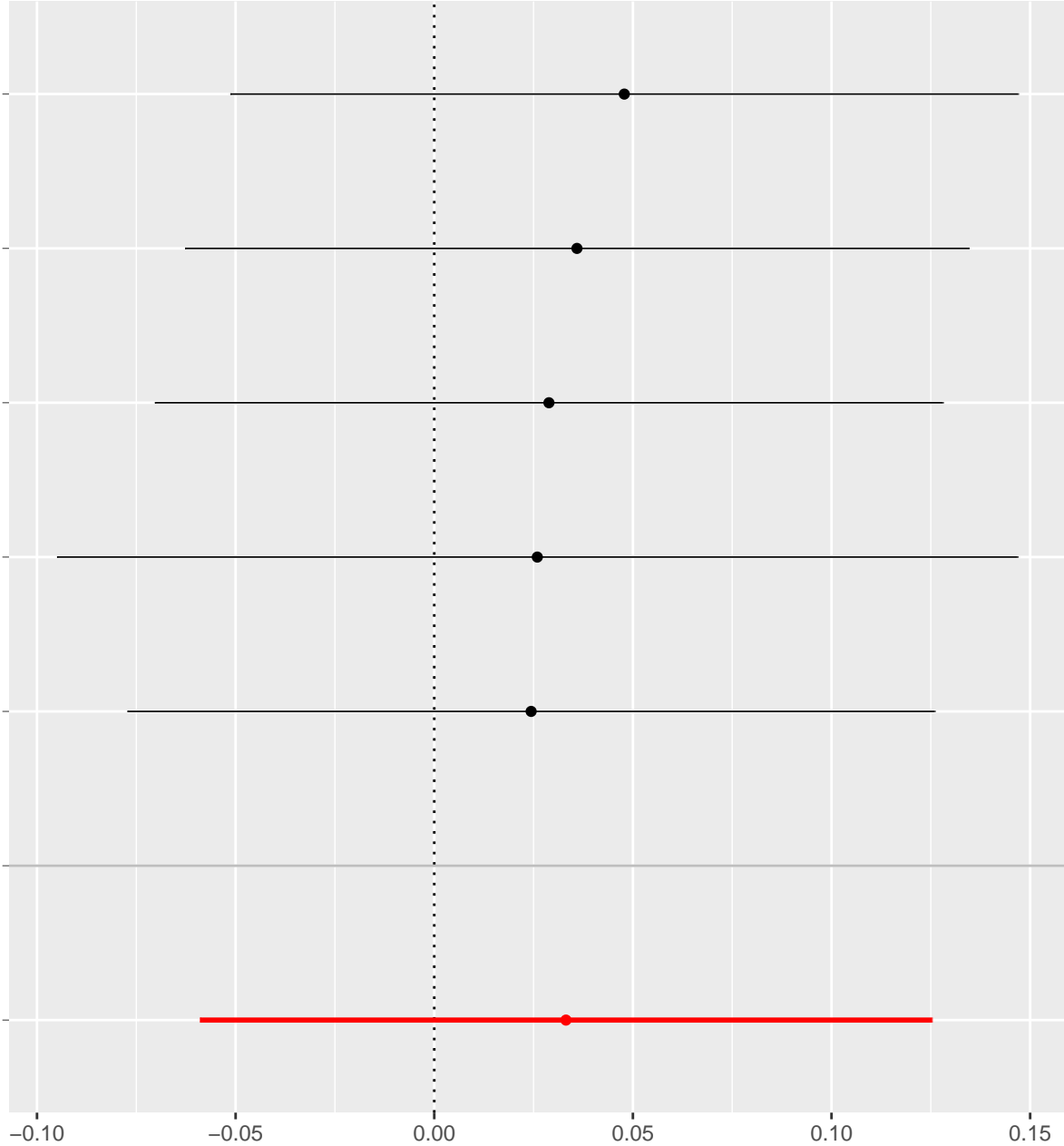
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Fructose || id:313'



rs6857

rs693839

rs6728726

rs9906944

rs1558902

All

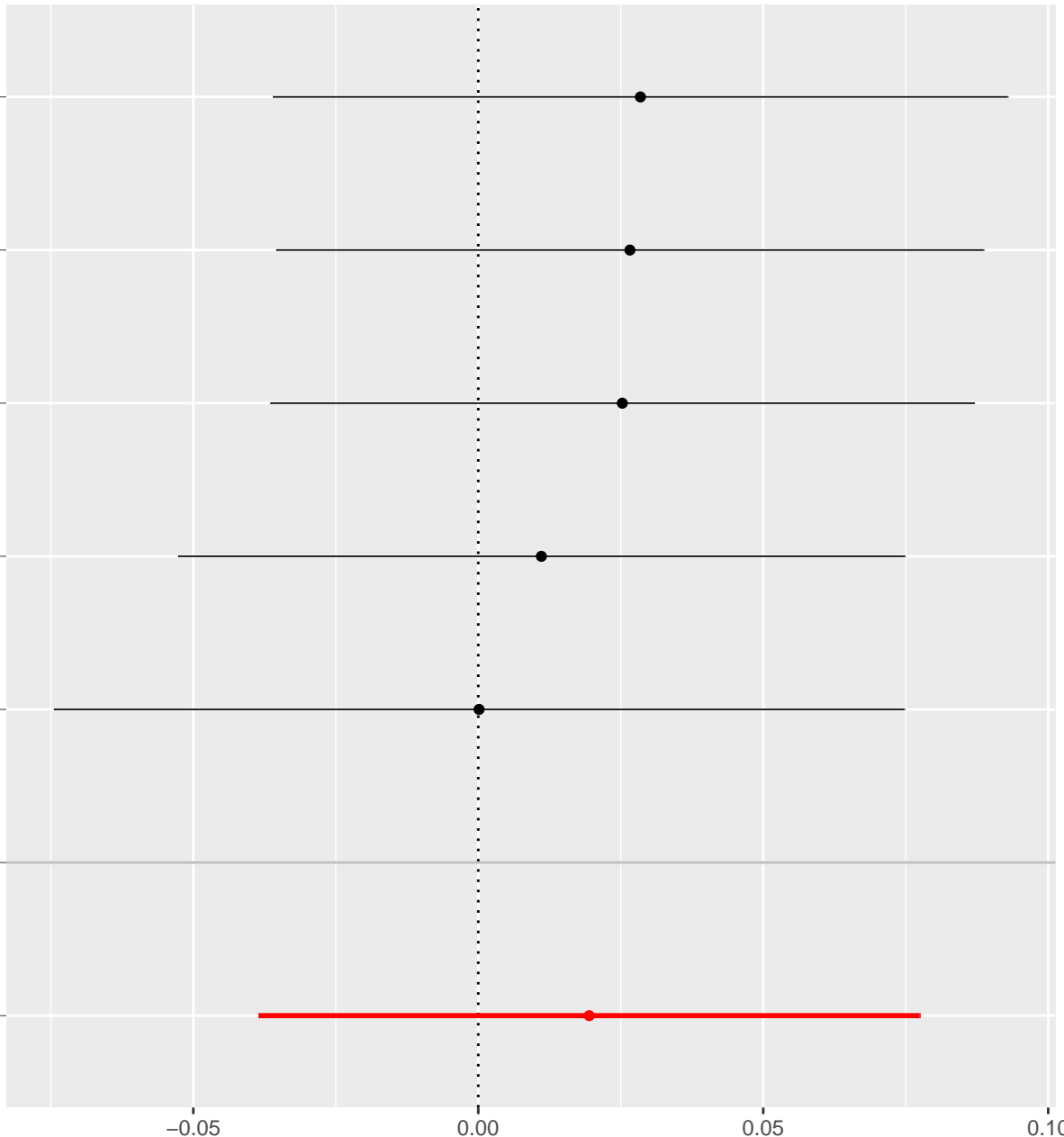
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Mannose || id:314'



rs6728726

rs9906944

rs693839

rs6857

rs1558902

All

-0.15

-0.10

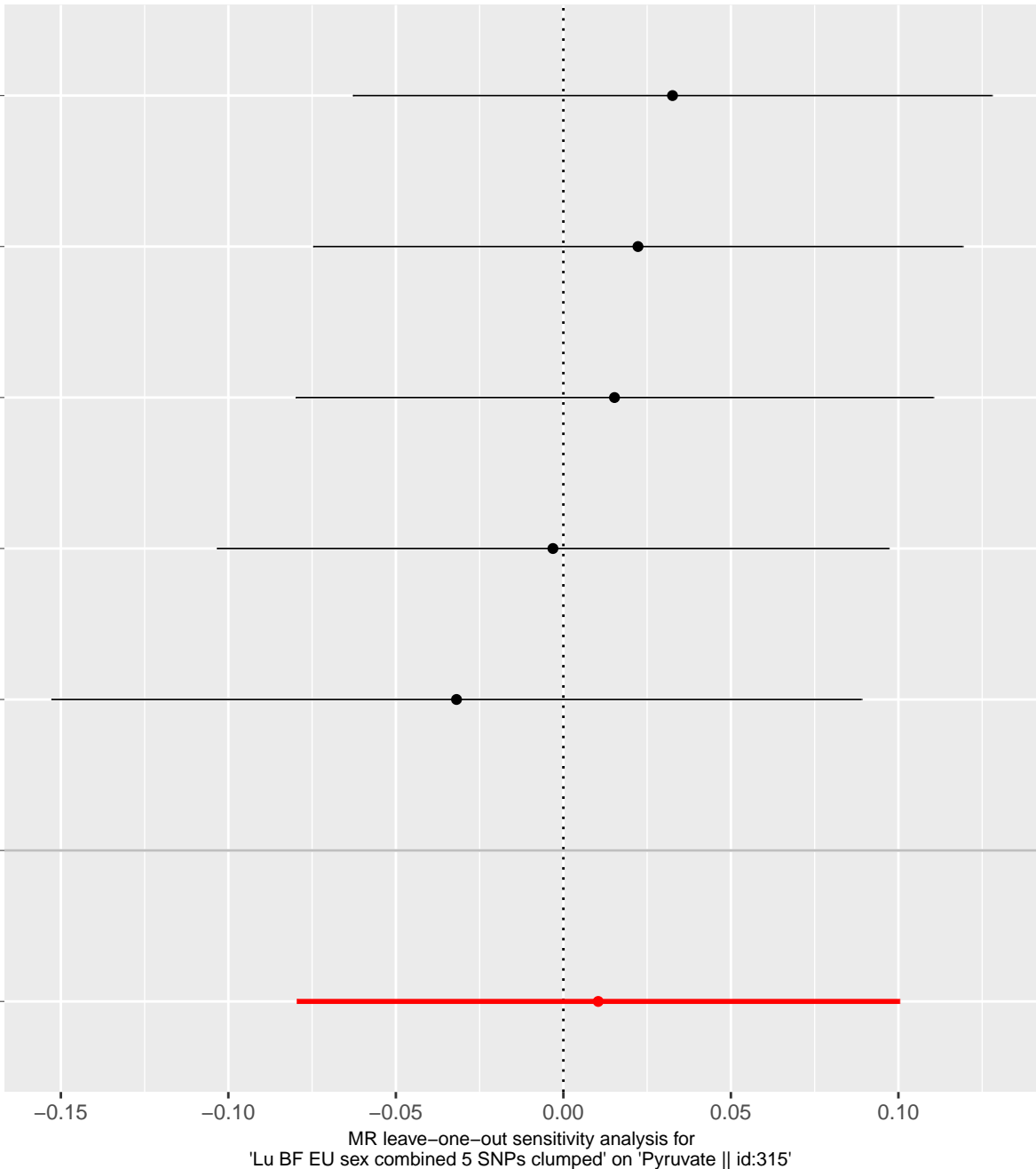
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Pyruvate || id:315'



rs6728726

rs693839

rs9906944

rs1558902

rs6857

All

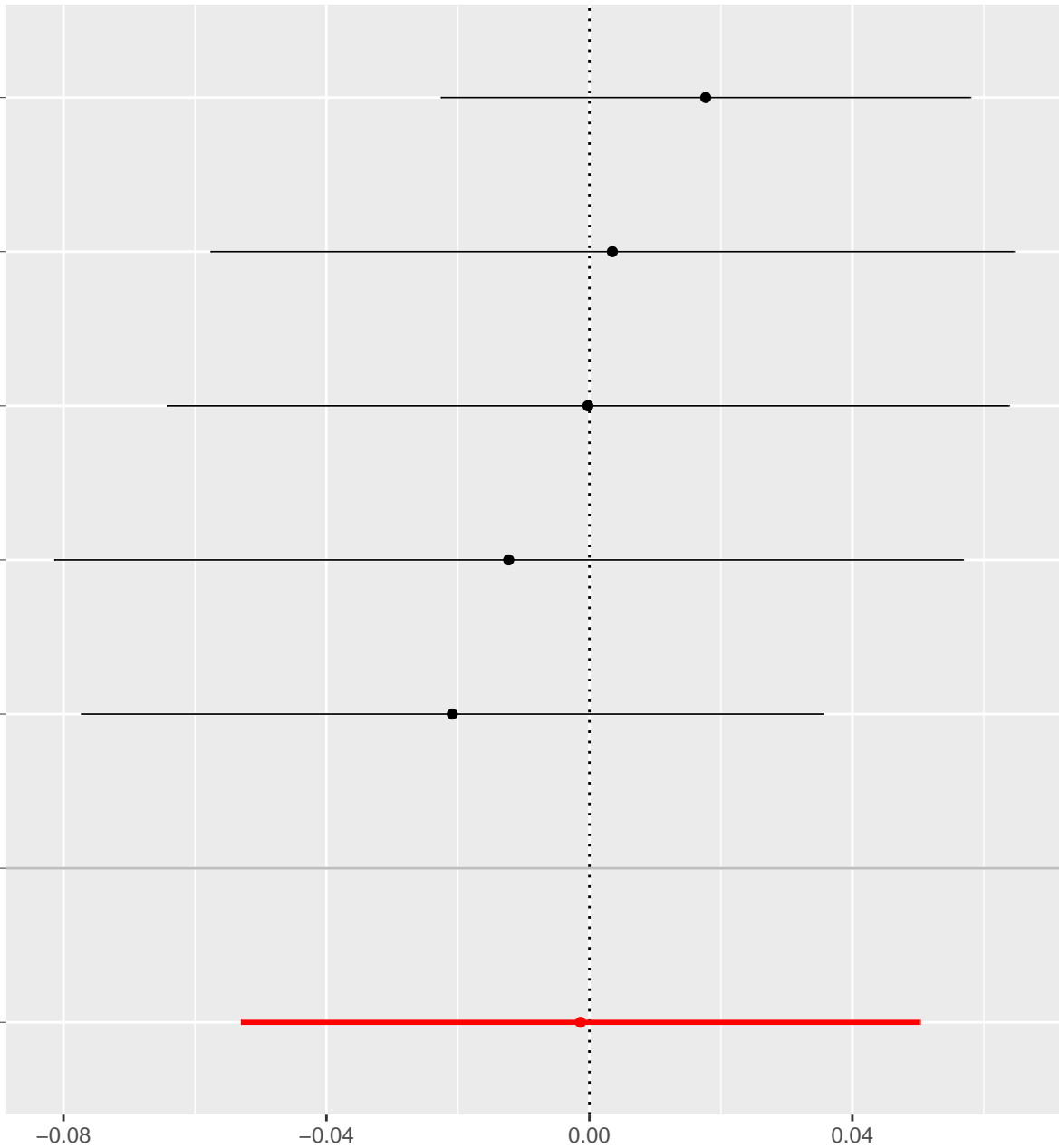
-0.08

-0.04

0.00

0.04

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Uridine || id:316'



rs1558902

rs6857

rs9906944

rs6728726

rs693839

All

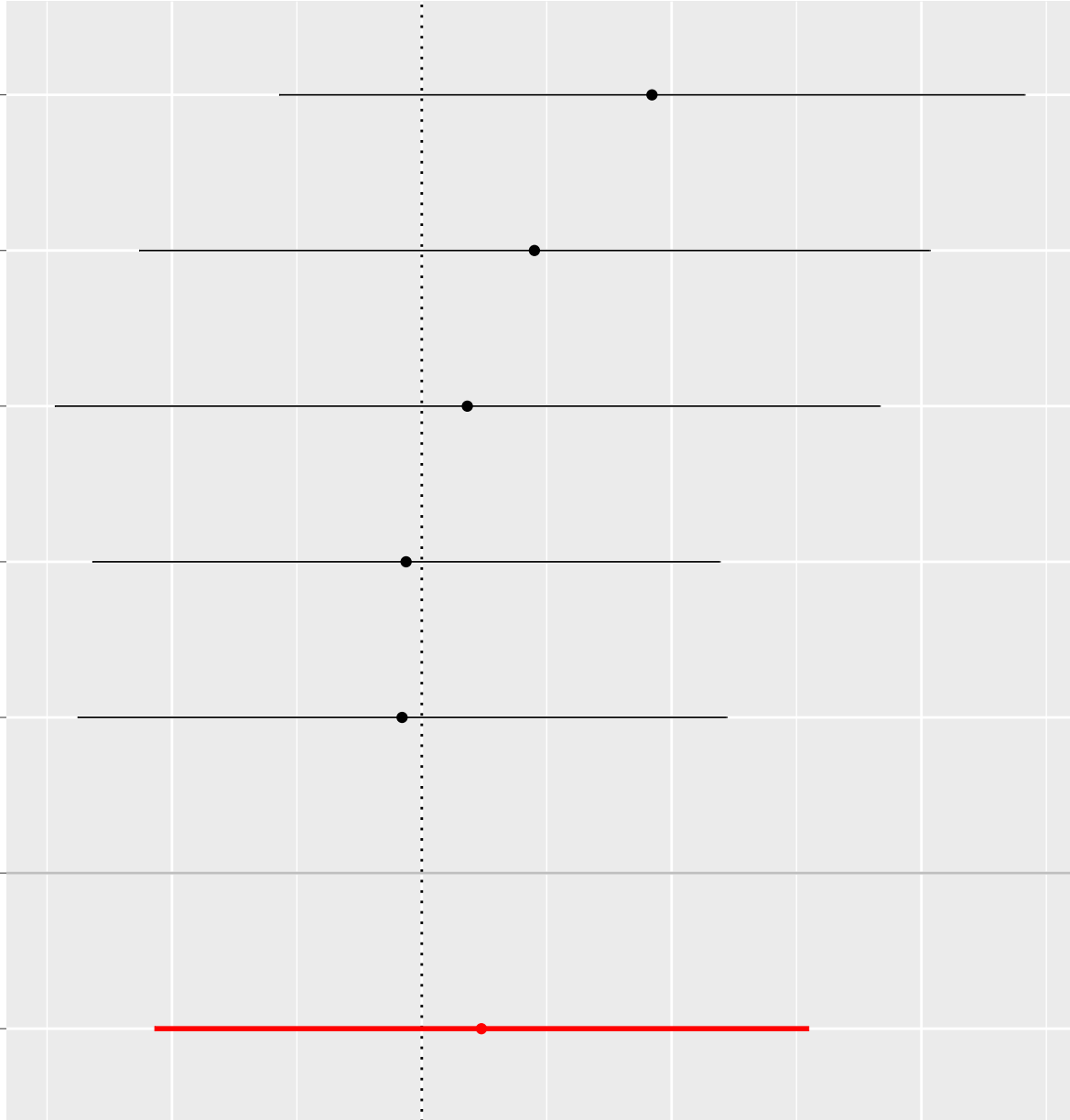
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Linoleate (18:2n6) || id:317'



rs693839

rs6857

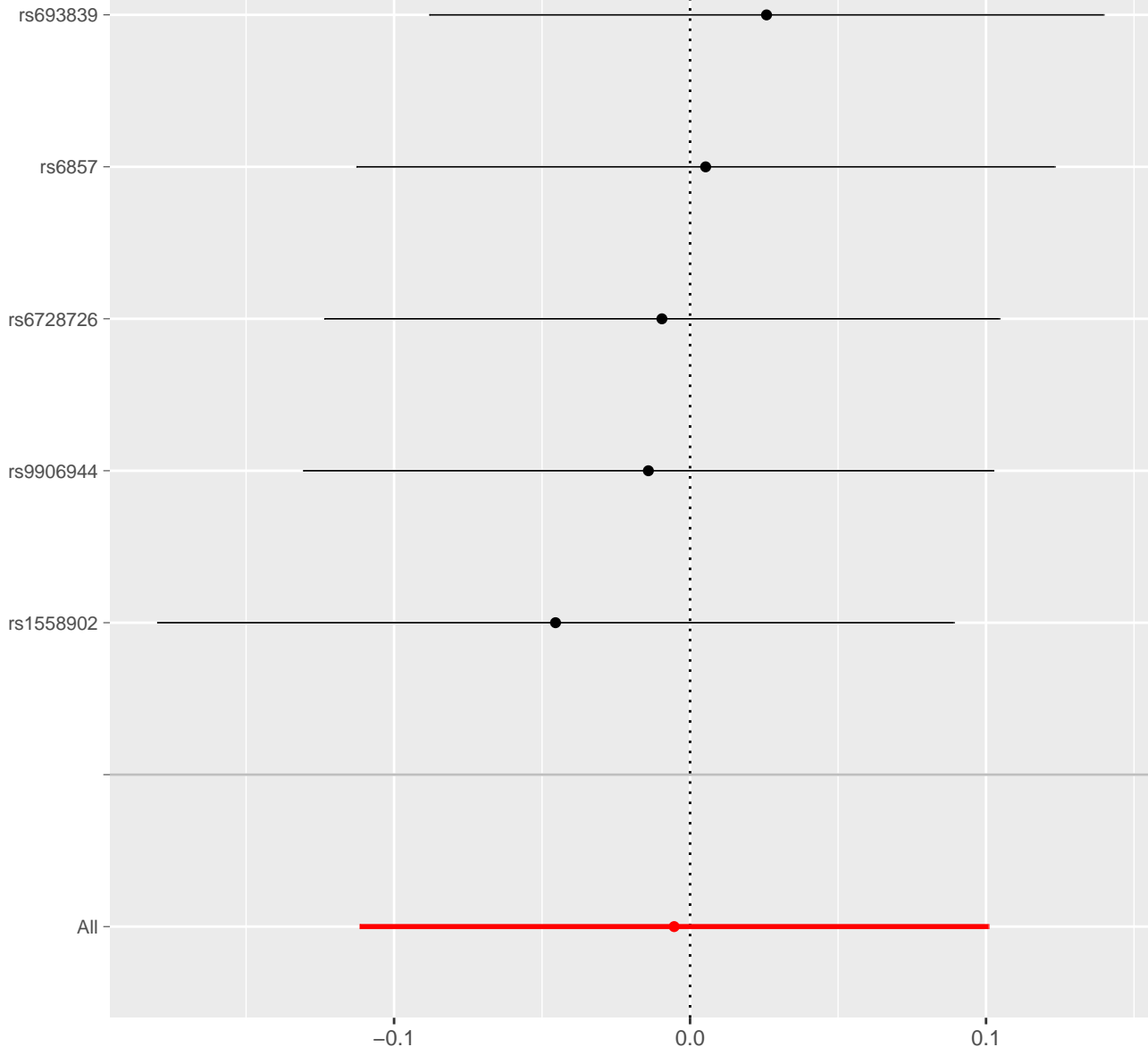
rs6728726

rs9906944

rs1558902

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Allantoin || id:318'





rs1558902

rs693839

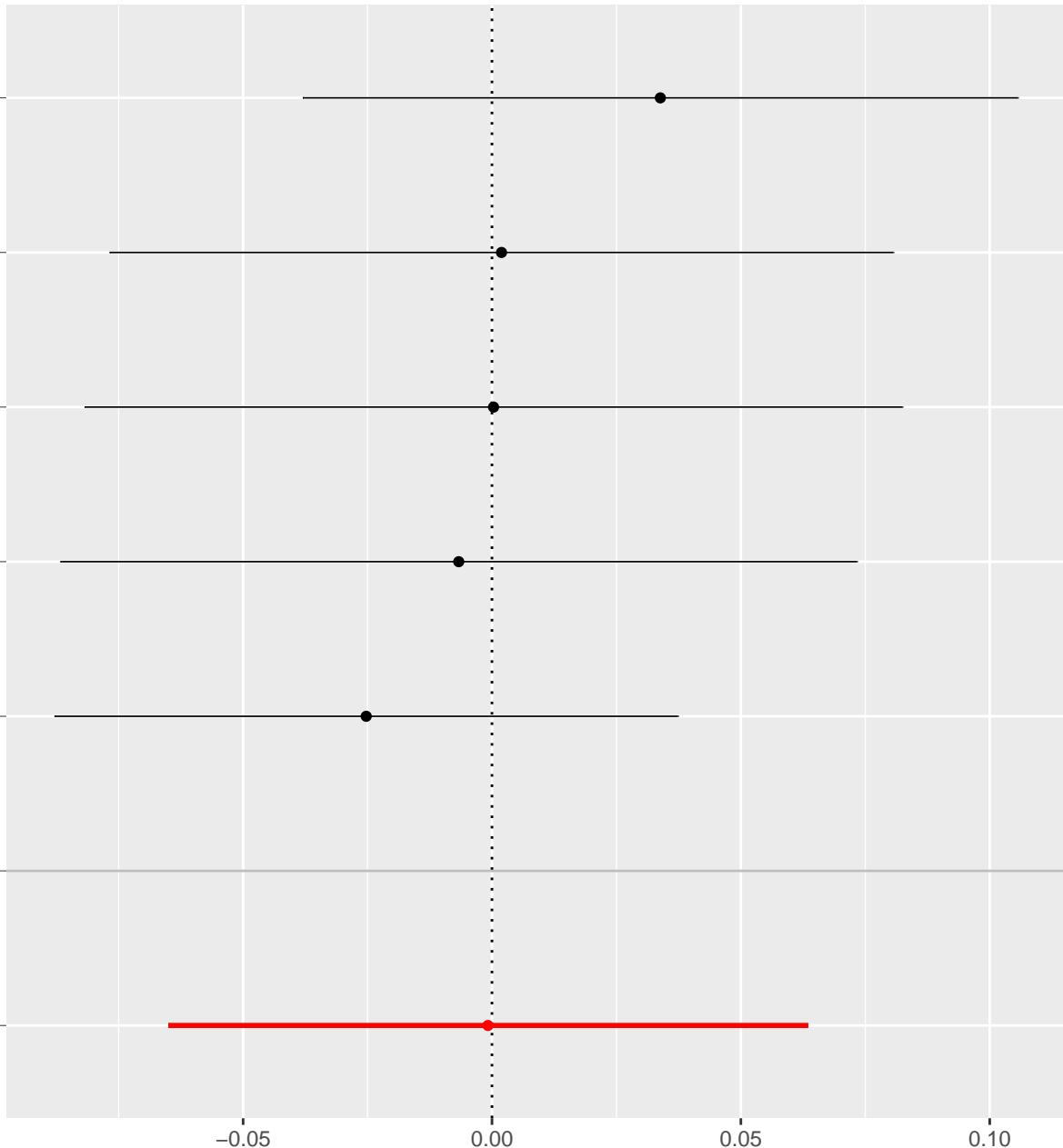
rs6857

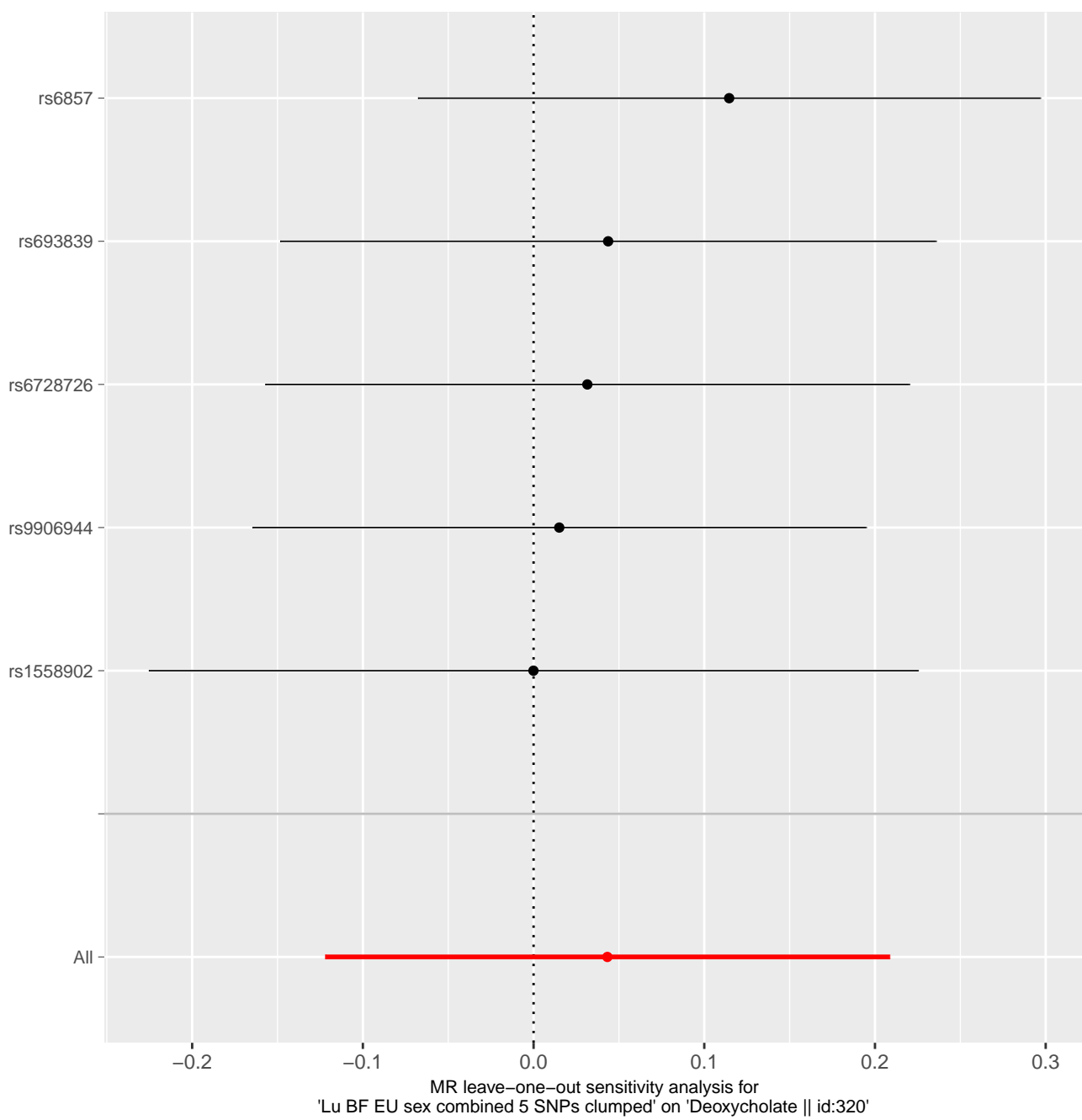
rs6728726

rs9906944

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Arachidonate (20:4n6) || id:319'





rs1558902

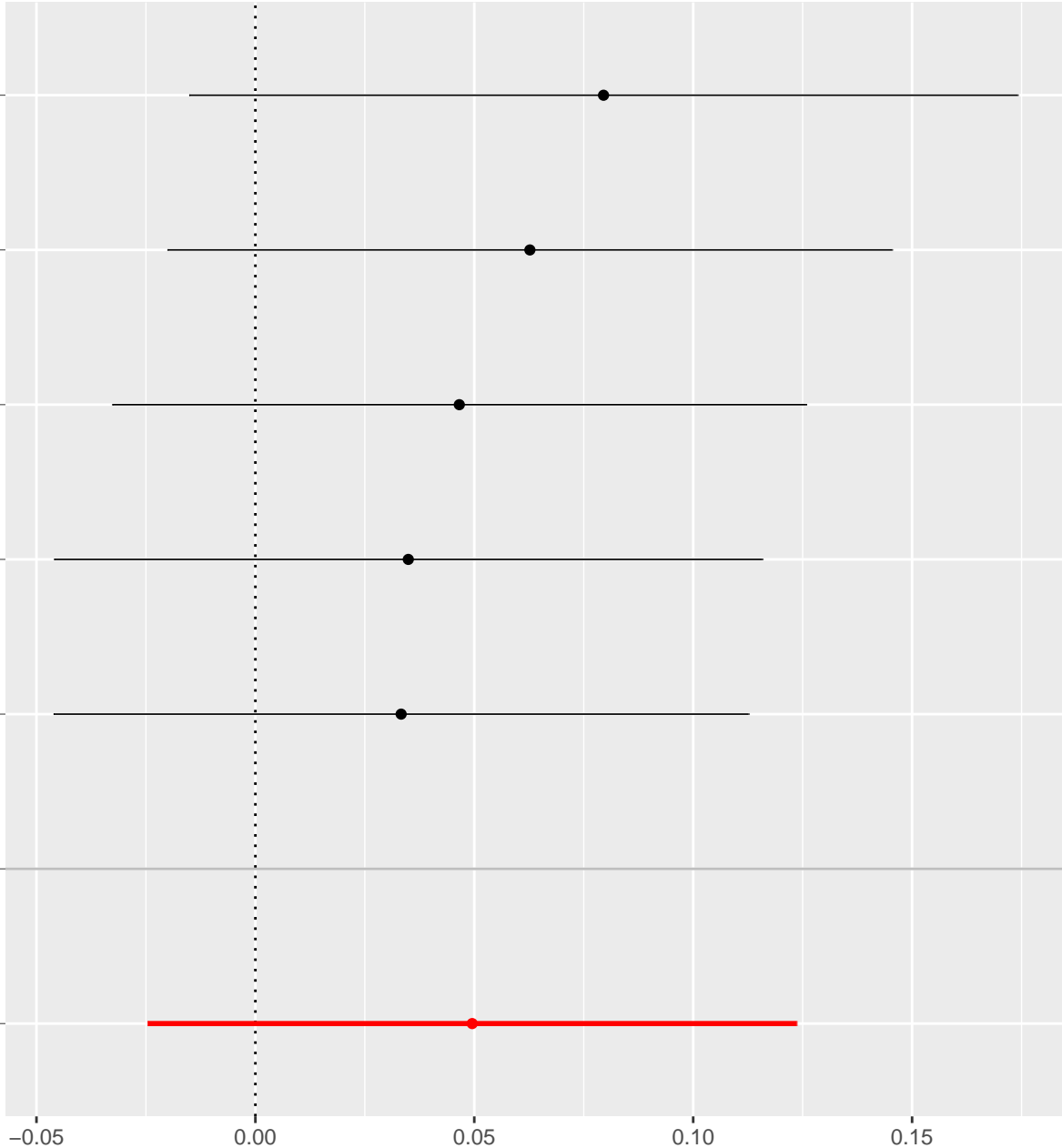
rs6857

rs693839

rs9906944

rs6728726

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Margarate (17:0) || id:321'

rs1558902

rs6728726

rs6857

rs693839

rs9906944

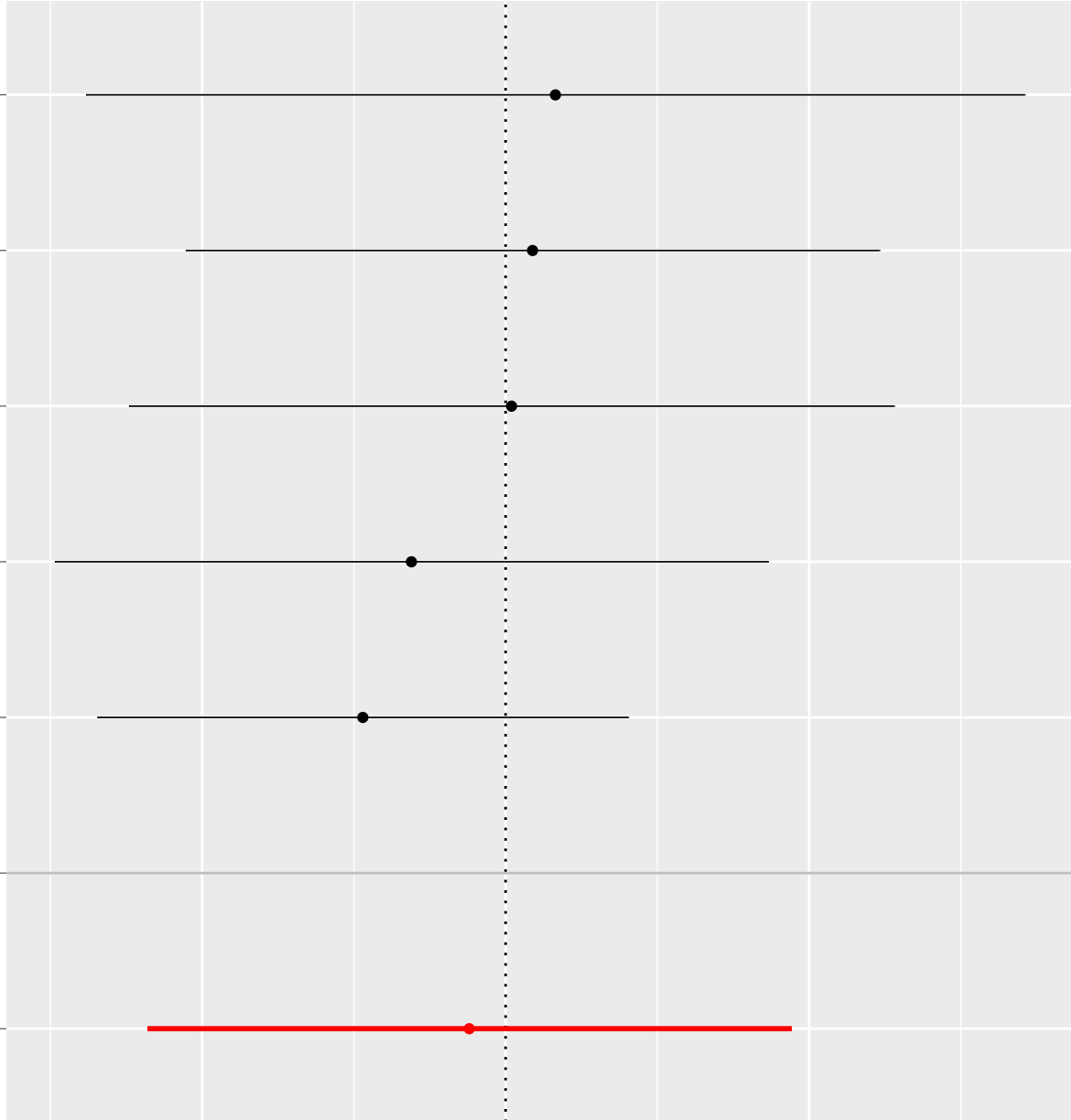
All

-0.4

0.0

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Inosine || id:322'



rs6728726

rs693839

rs9906944

rs6857

rs1558902

All

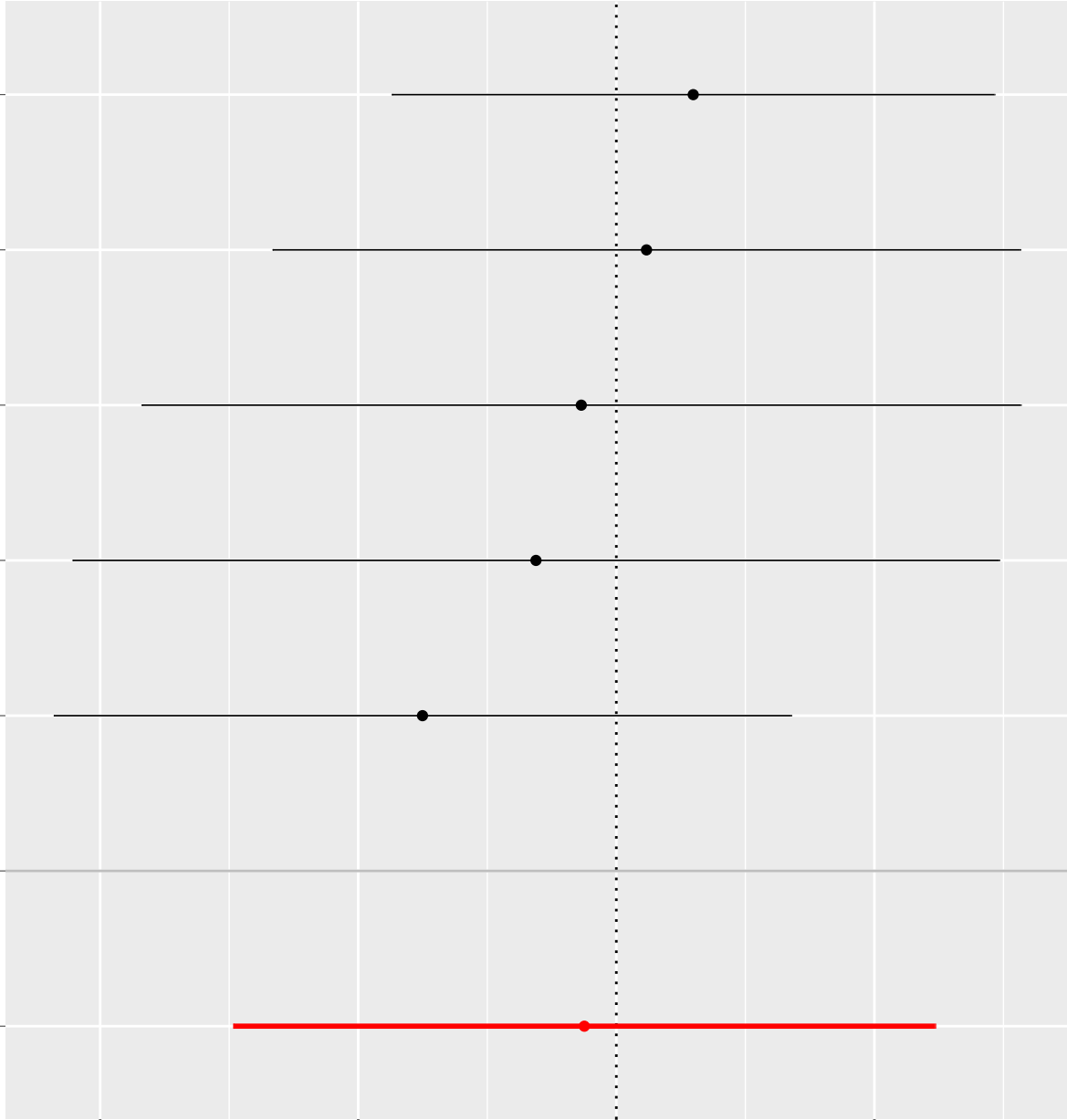
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Isoleucine || id:323'



rs6728726

rs9906944

rs693839

rs6857

rs1558902

All

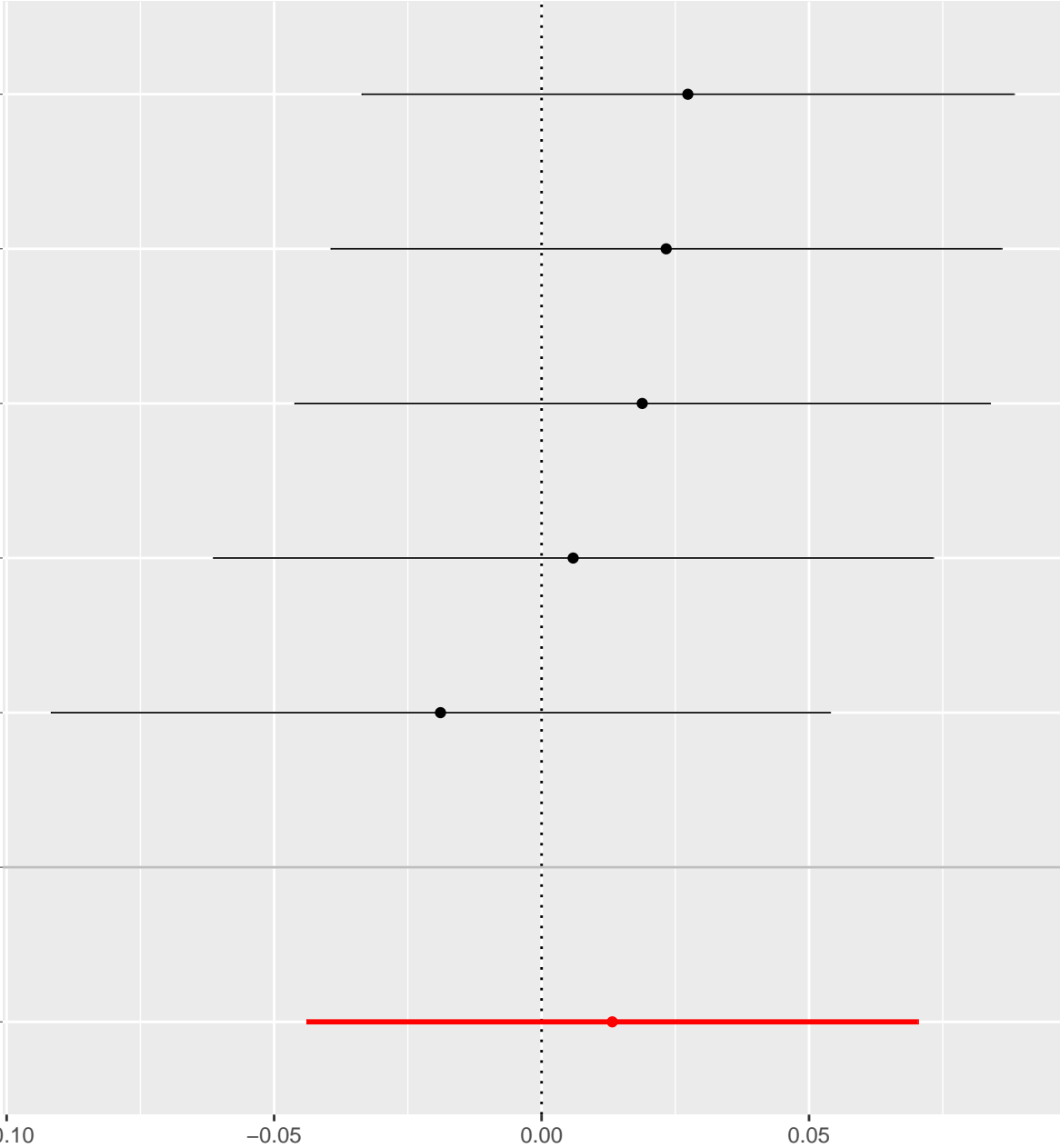
-0.10

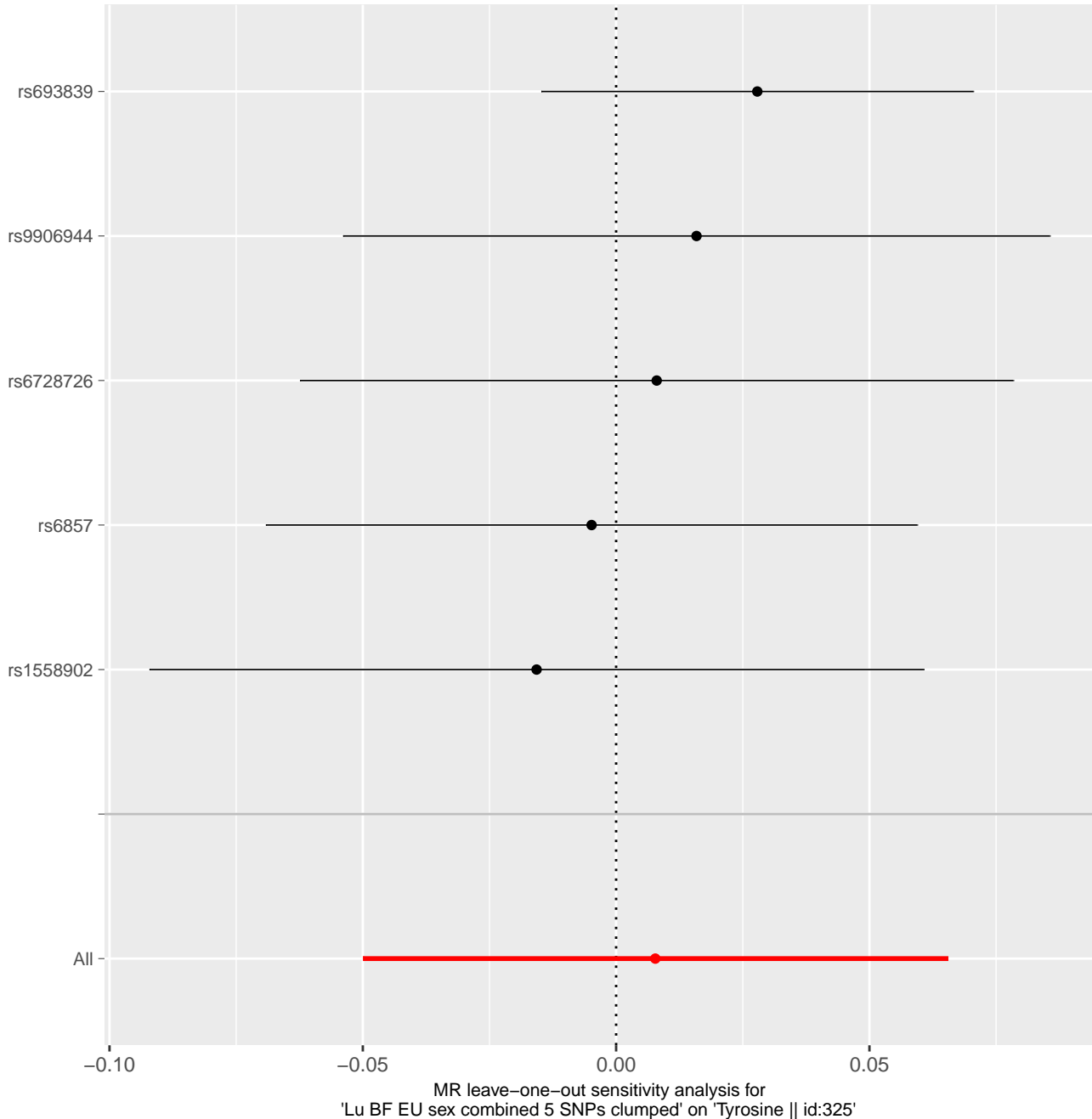
-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Threonine || id:324'





rs6728726

rs693839

rs6857

rs9906944

rs1558902

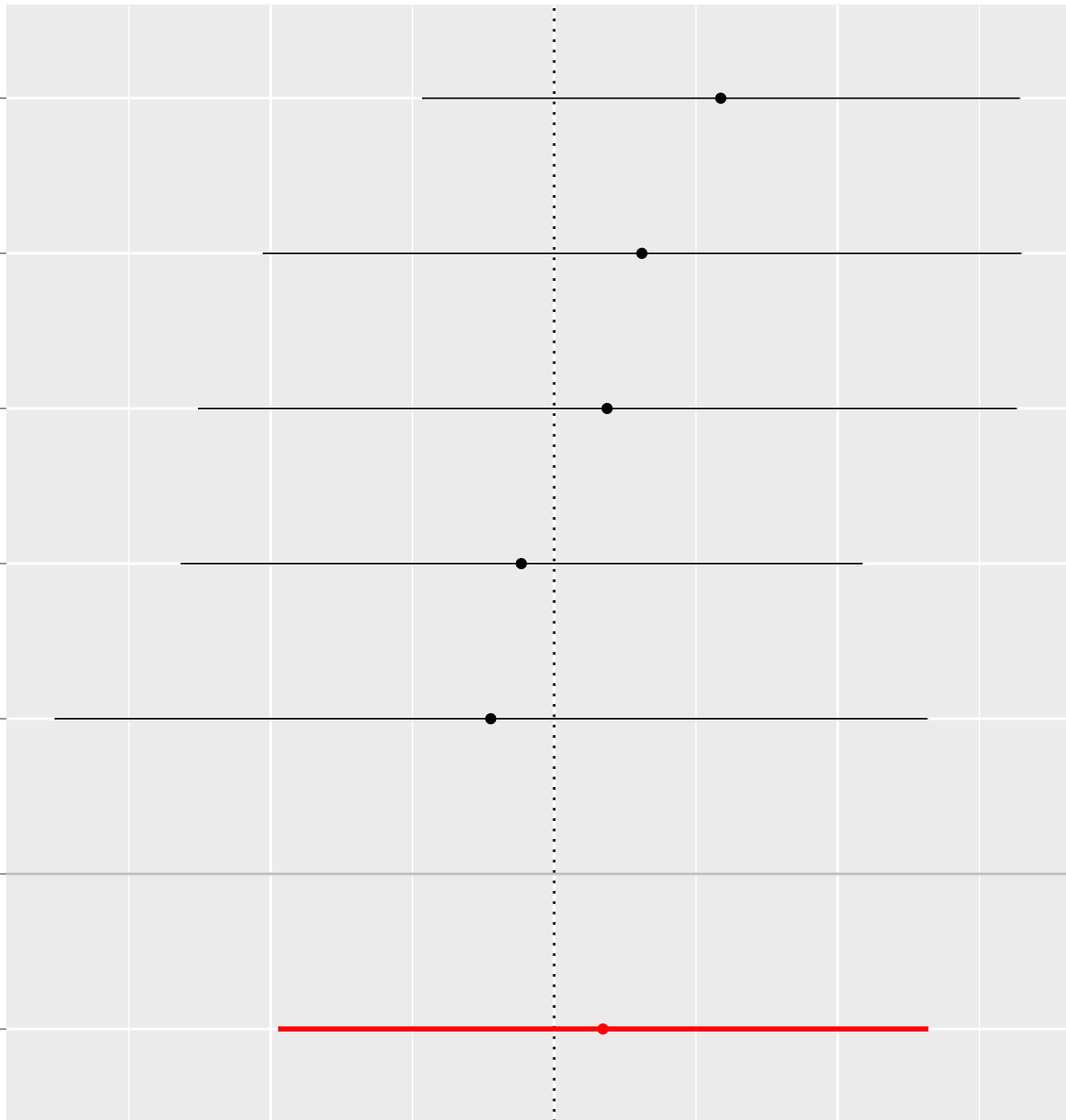
All

-0.04

0.00

0.04

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Lysine || id:326'





rs6728726

rs9906944

rs693839

rs1558902

rs6857

All

-0.050

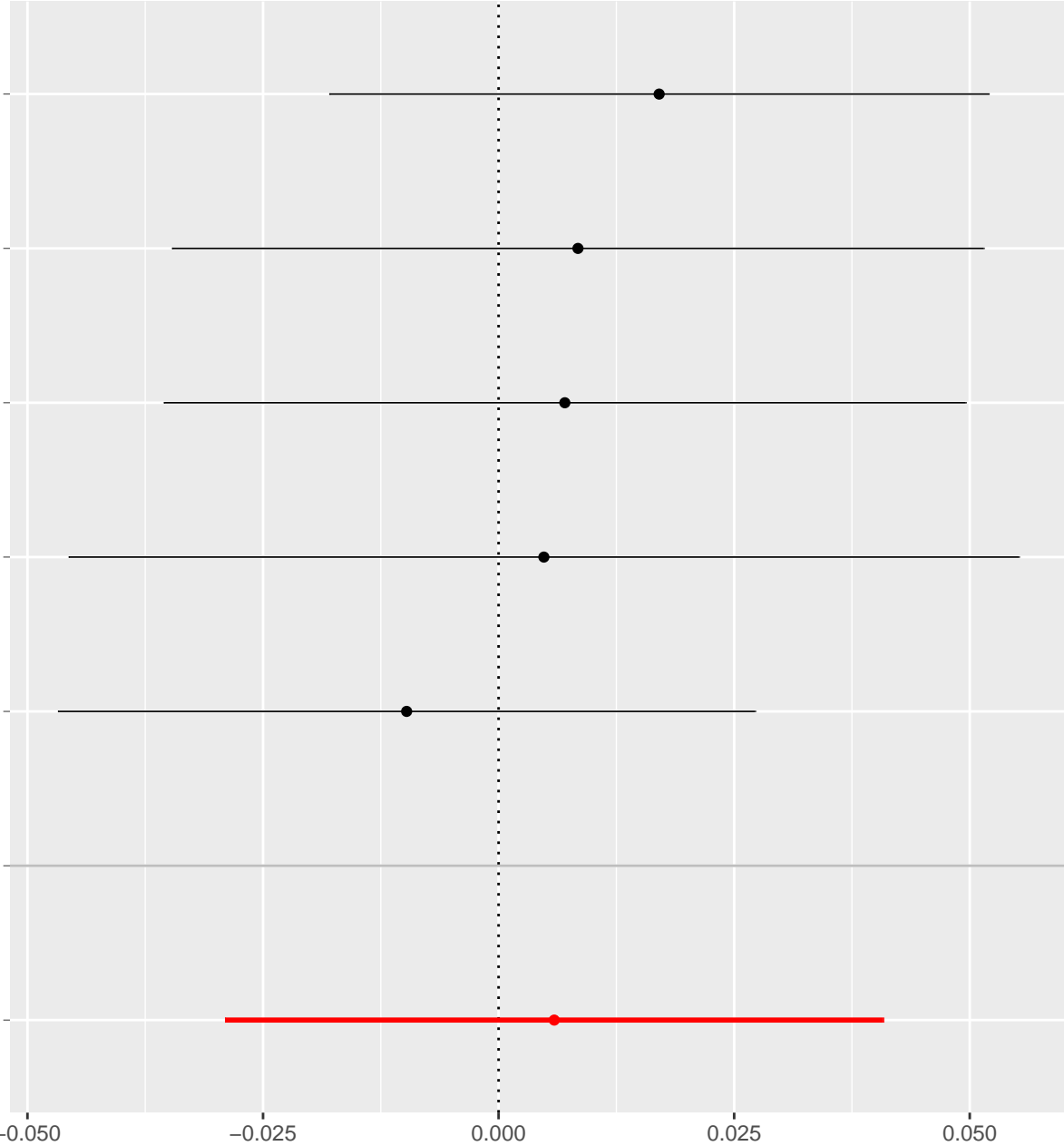
-0.025

0.000

0.025

0.050

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Methionine || id:327'



rs1558902

rs693839

rs6728726

rs6857

rs9906944

All

-0.05

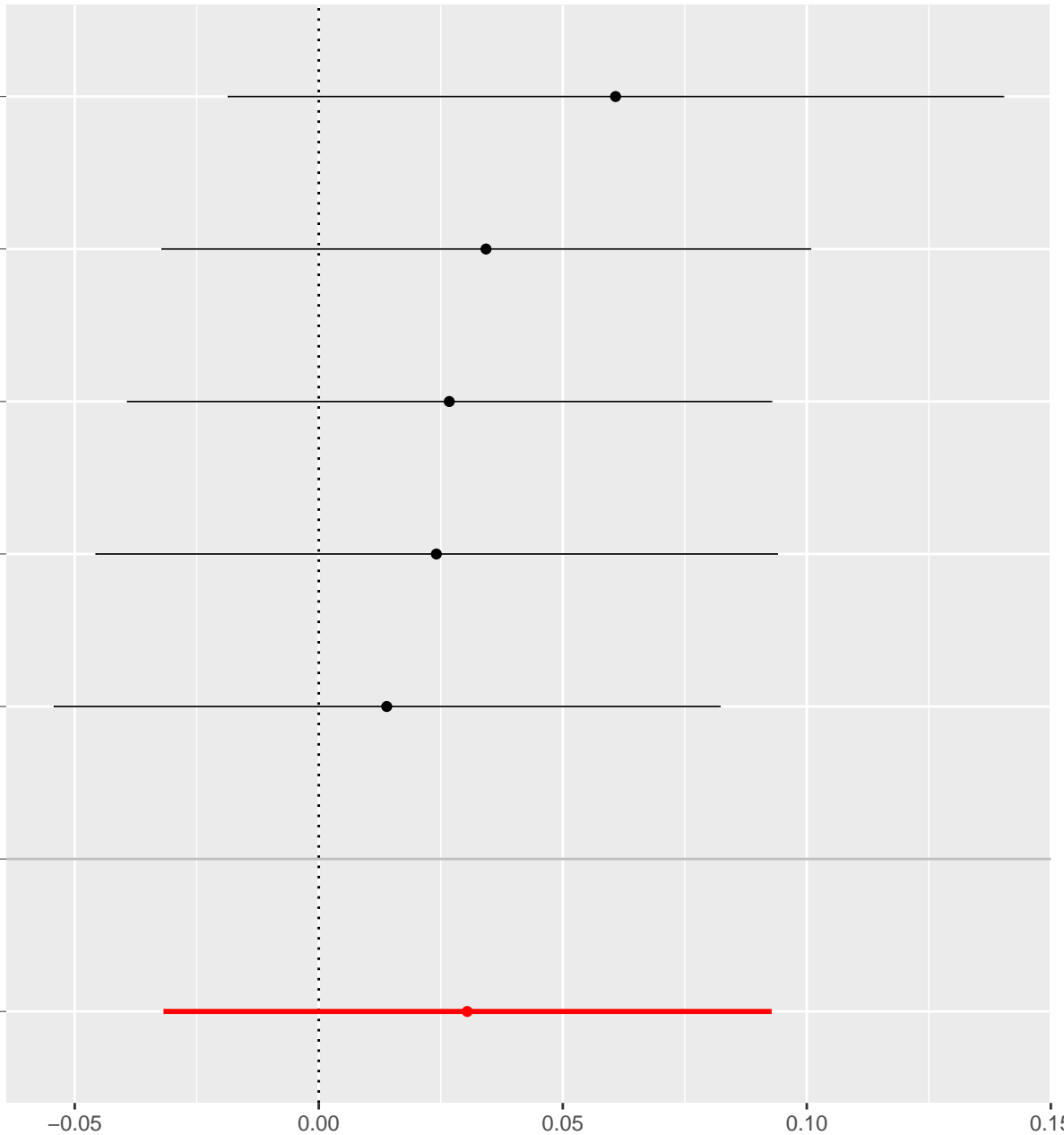
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Malate || id:328'



rs1558902

rs6857

rs693839

rs9906944

rs6728726

All

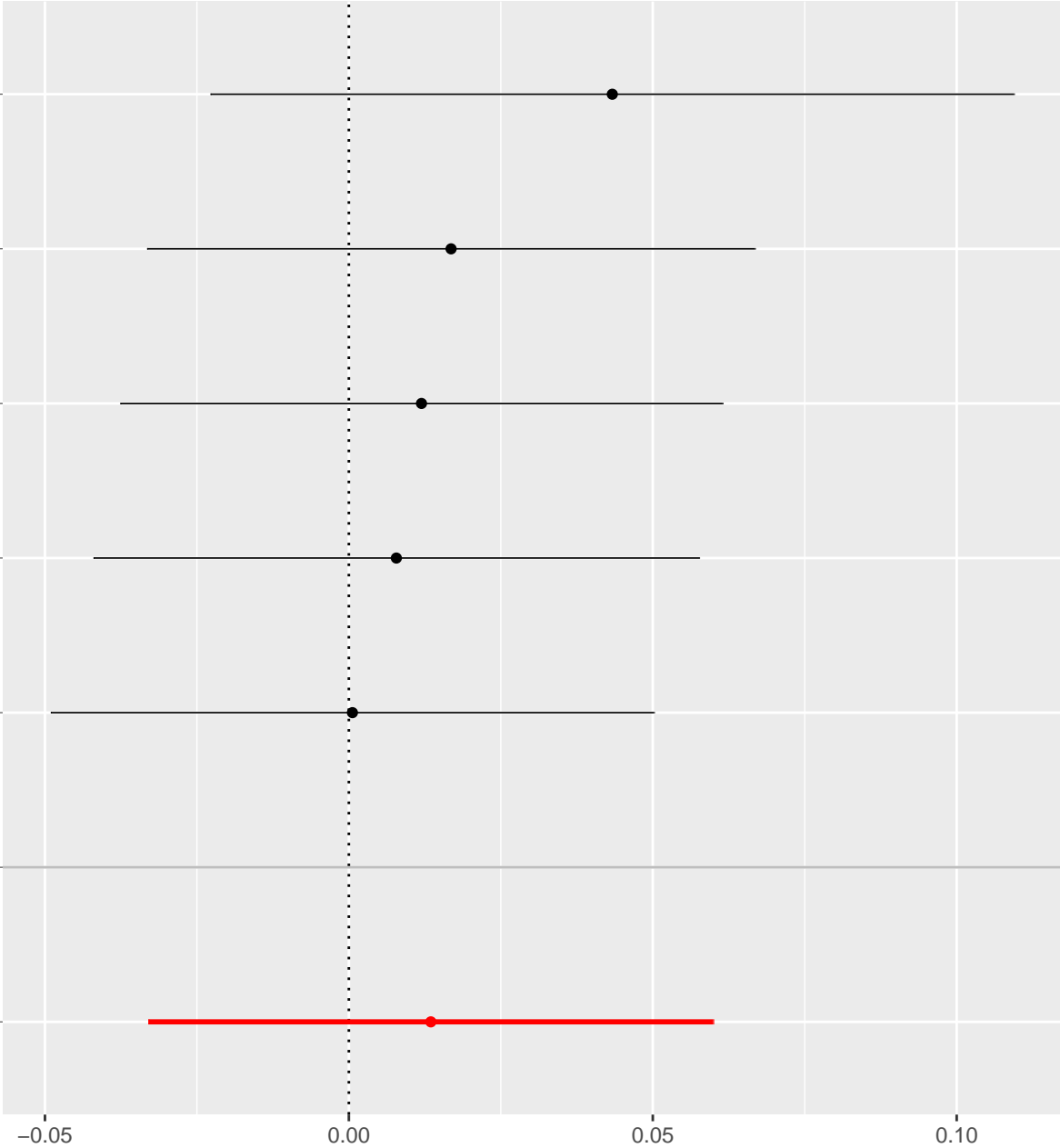
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Palmitate (16:0) || id:329'



rs1558902

rs6857

rs693839

rs9906944

rs6728726

All

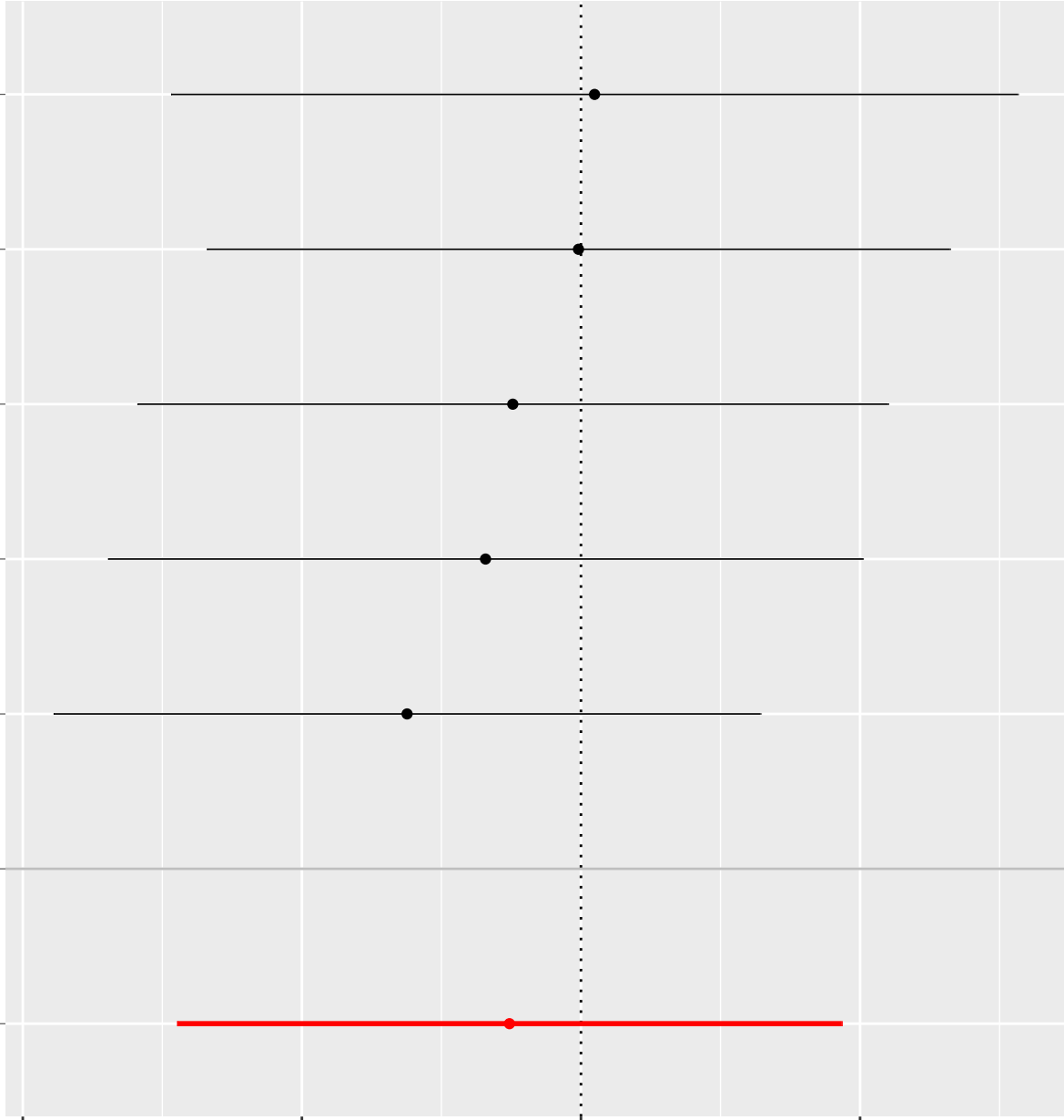
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Nonadecanoate (19:0) || id:330'



rs1558902

rs6857

rs693839

rs9906944

rs6728726

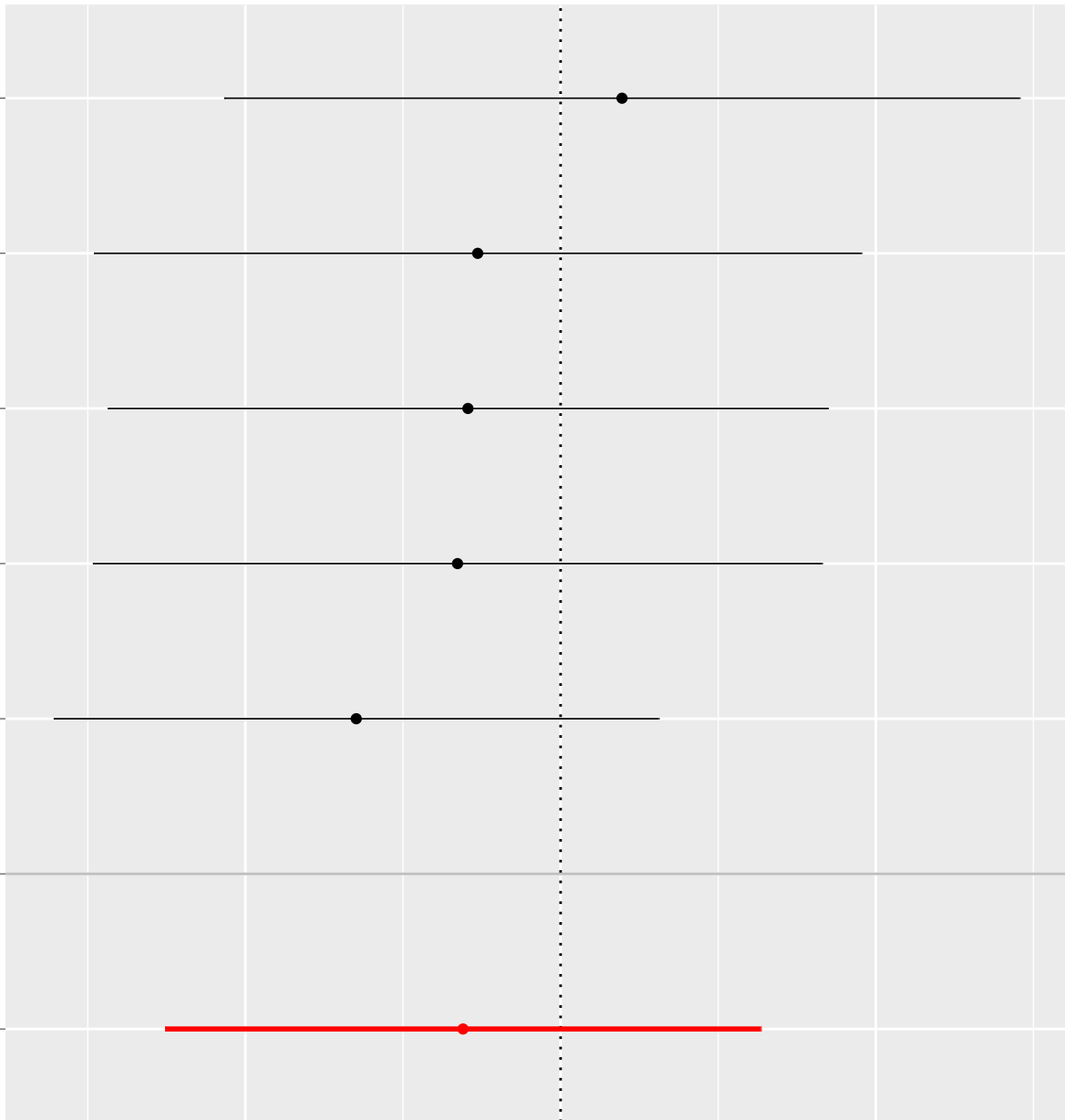
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Stearate (18:0) || id:331'



rs1558902

rs6857

rs693839

rs9906944

rs6728726

All

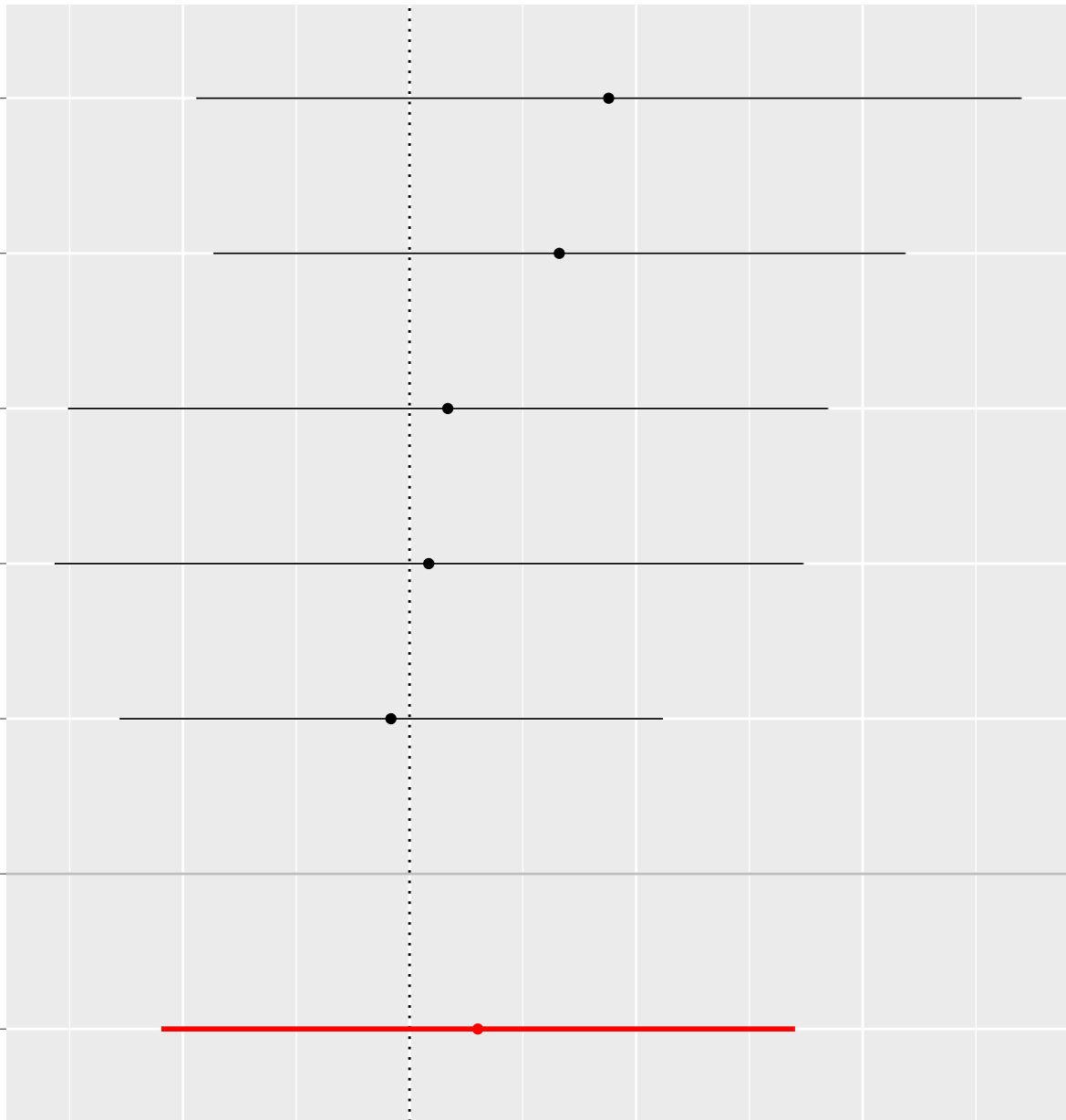
-0.05

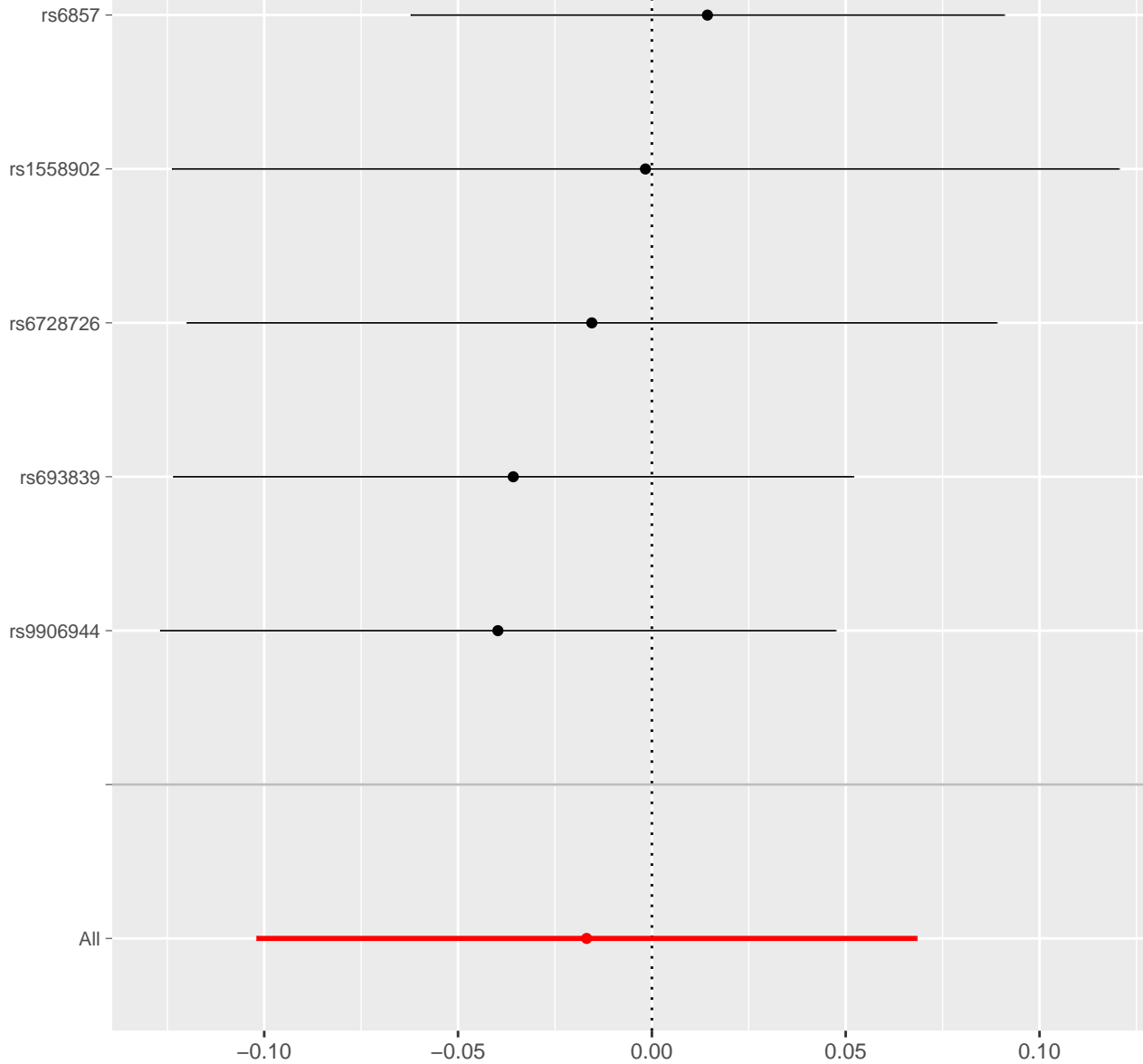
0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Oleate (18:1n9) || id:332'





rs1558902

rs693839

rs6857

rs6728726

rs9906944

All

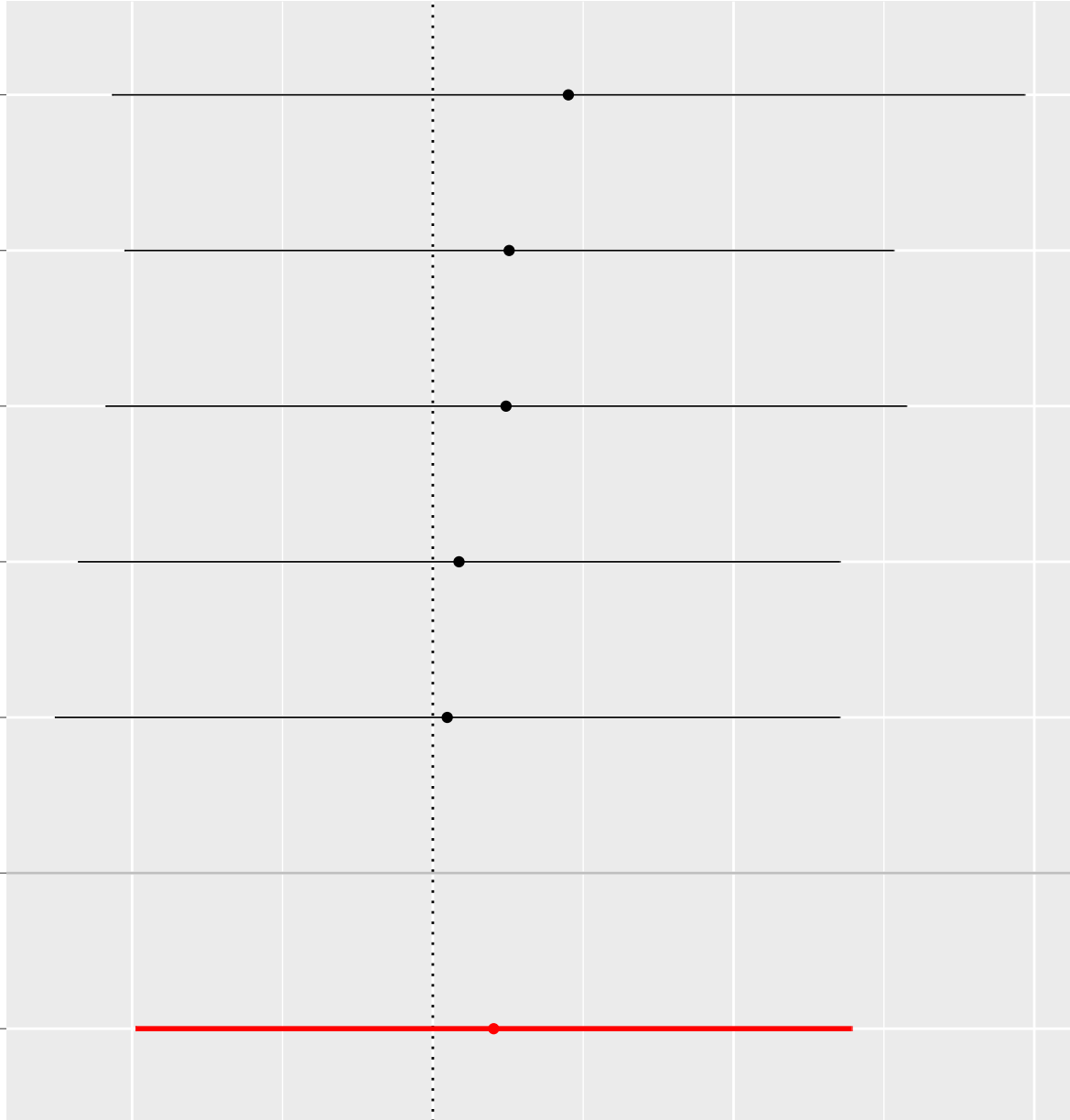
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Myristate (14:0) || id:334'





rs1558902

rs693839

rs6728726

rs9906944

rs6857

All

-0.2

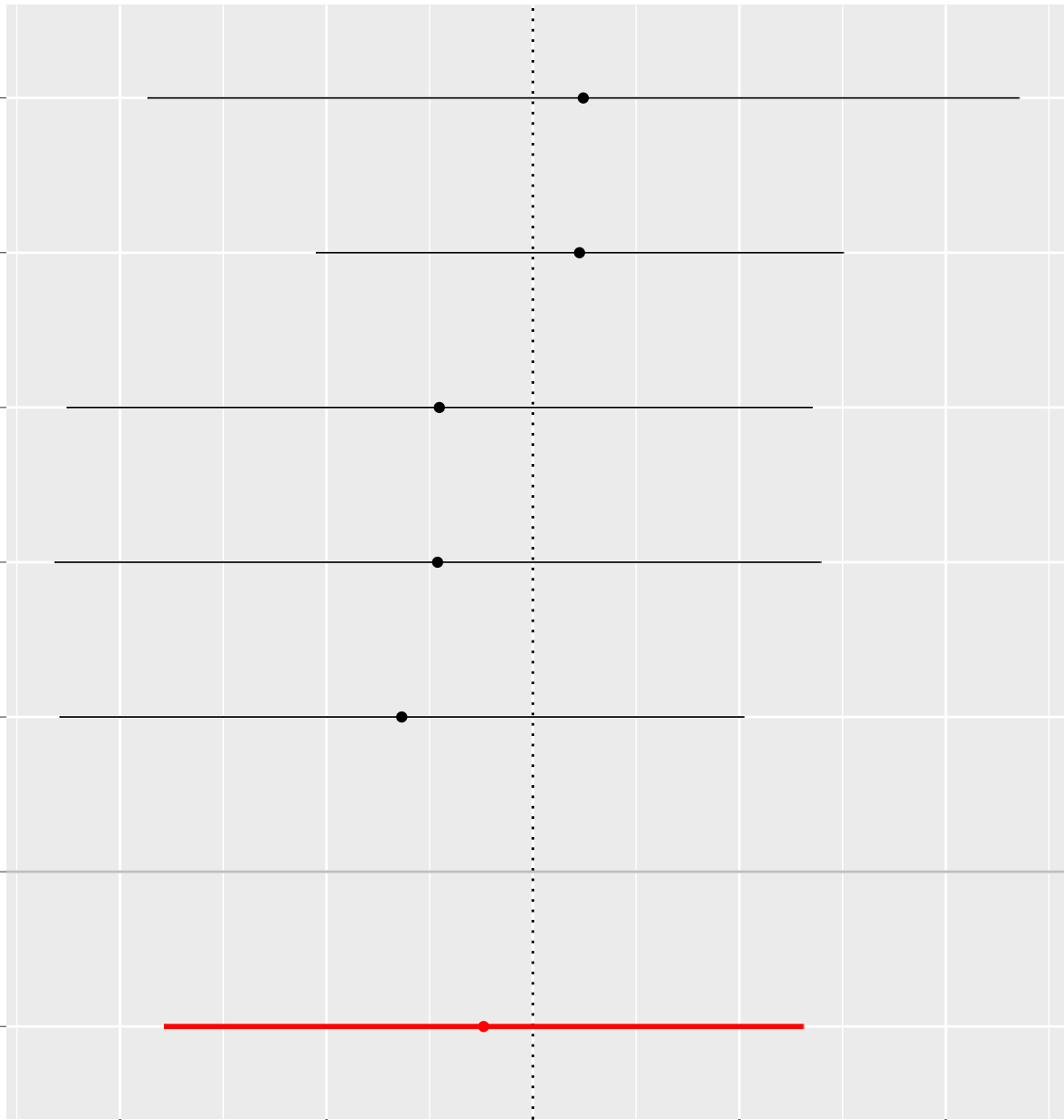
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Pipecolate || id:335'



rs1558902

rs693839

rs6857

rs6728726

rs9906944

All

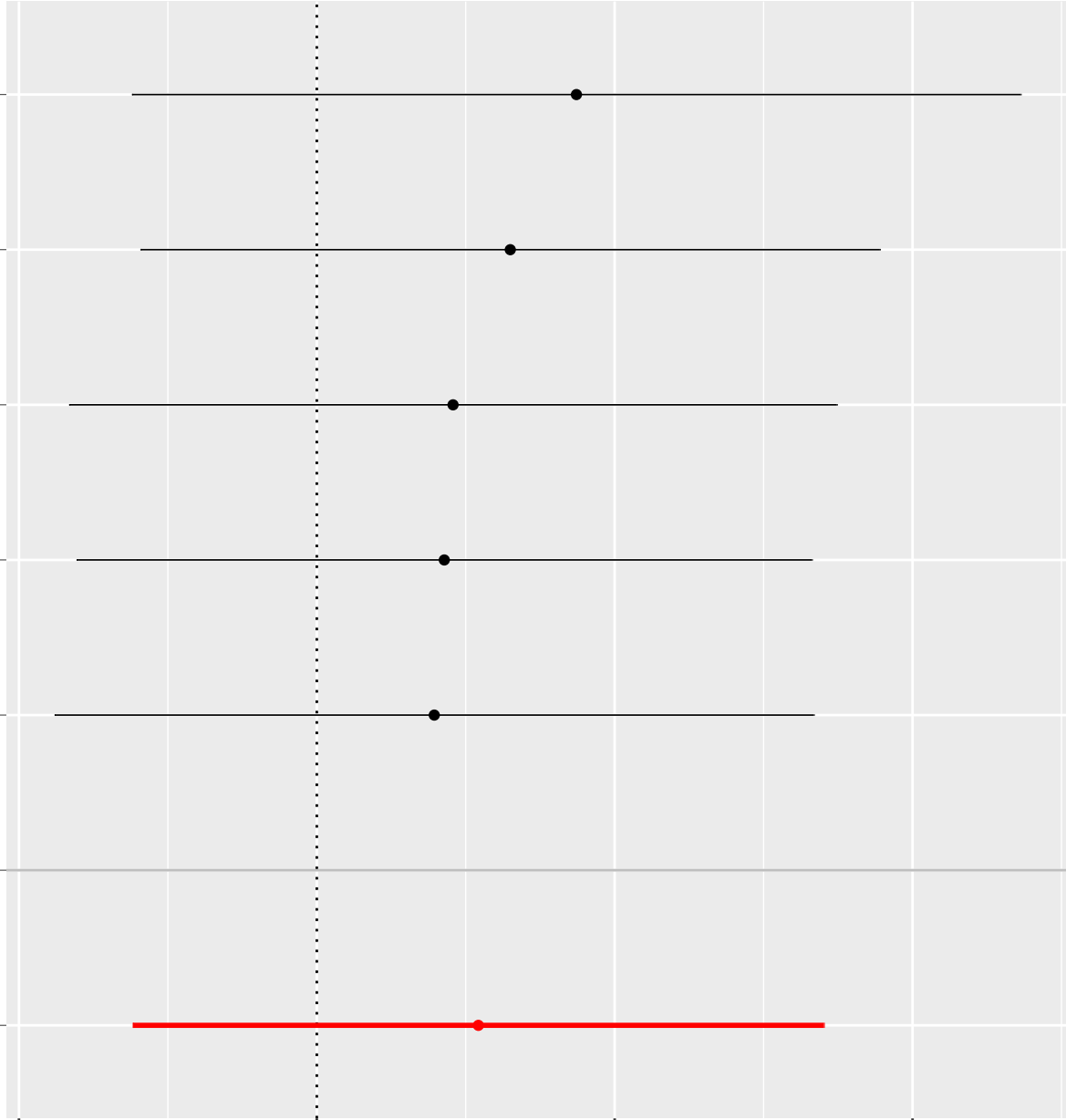
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Ornithine || id:336'



rs9906944

rs693839

rs6728726

rs1558902

rs6857

All

-0.10

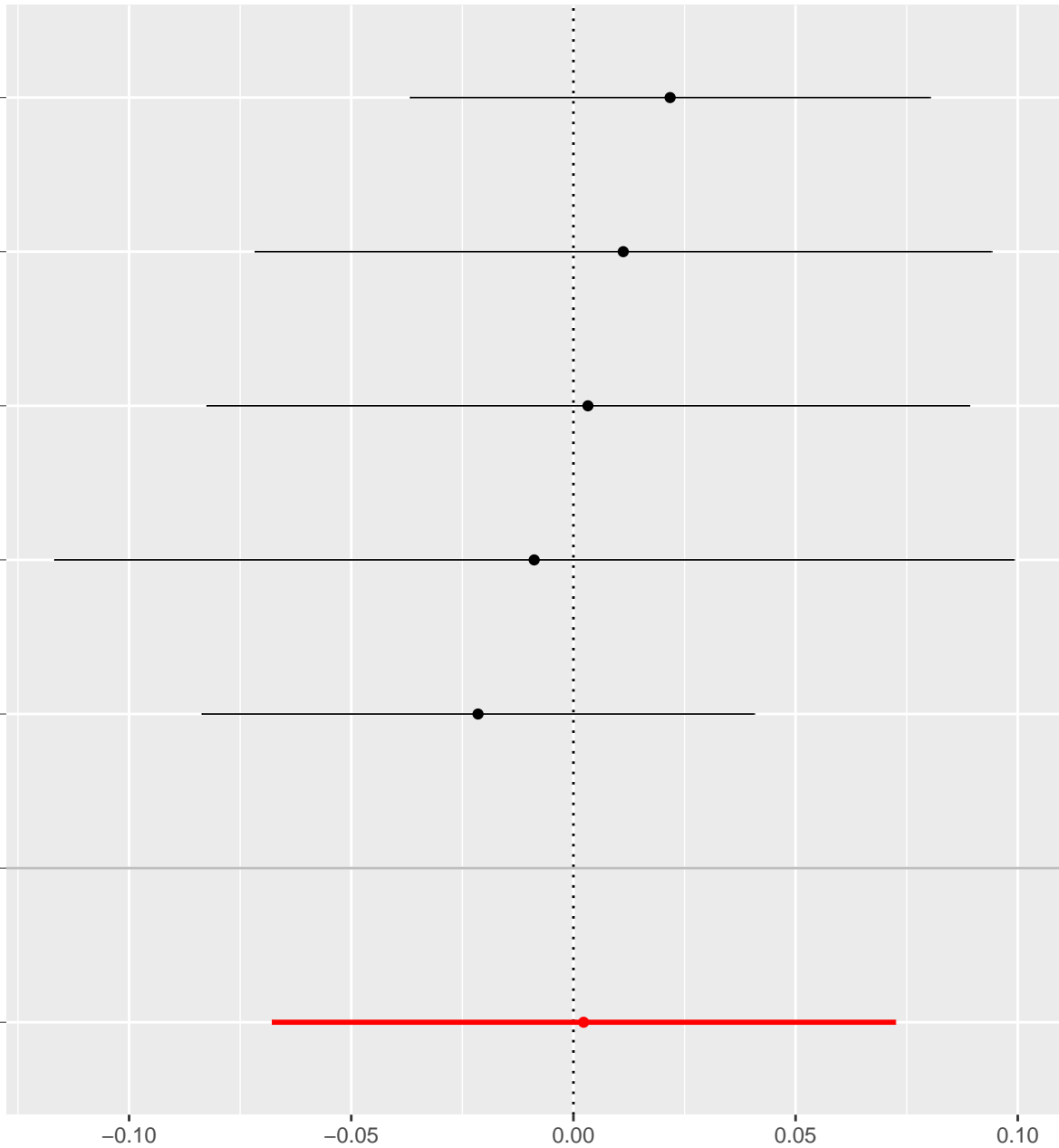
-0.05

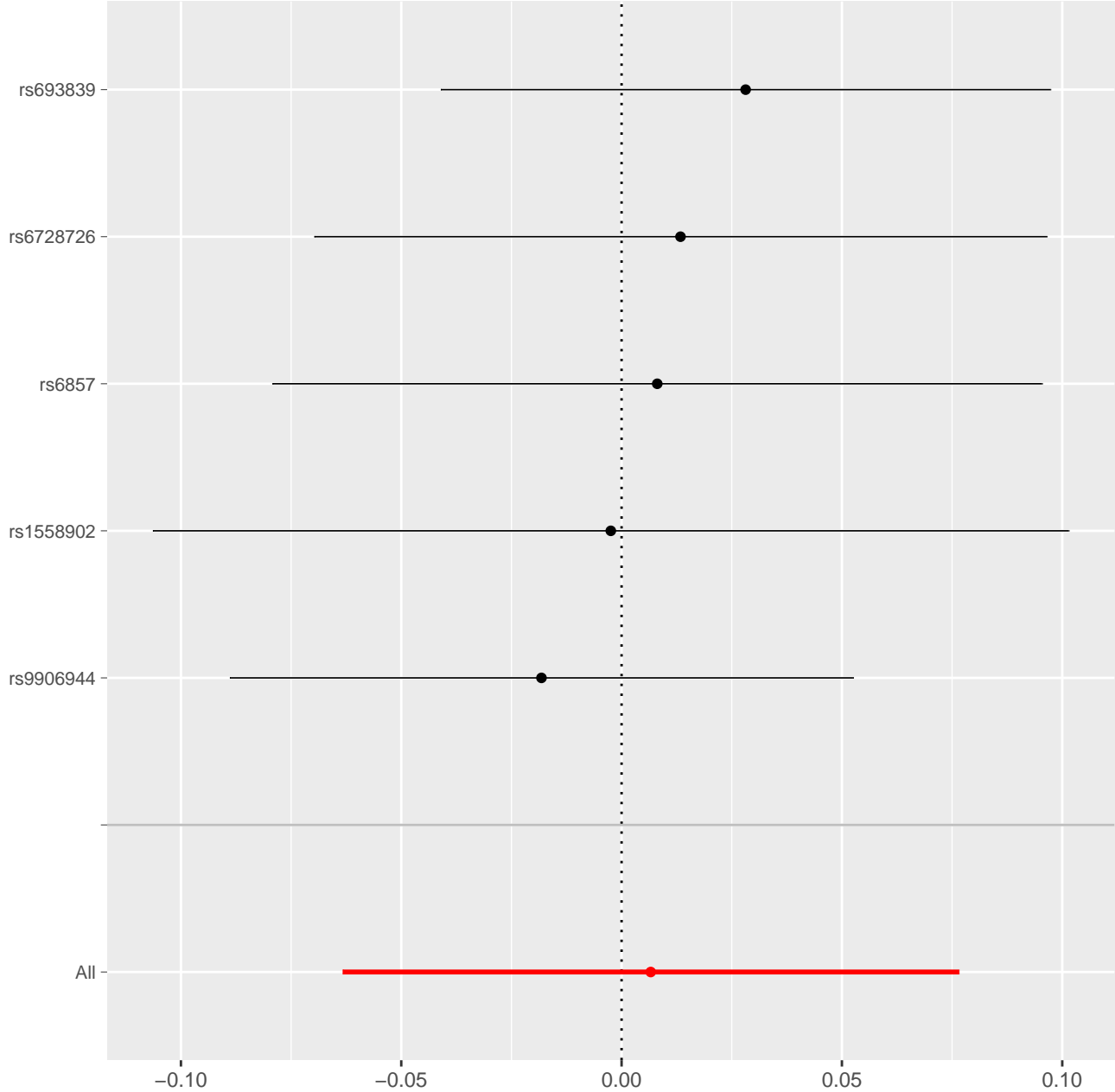
0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '5-oxoproline || id:337'





rs693839

rs6728726

rs6857

rs1558902

rs9906944

All

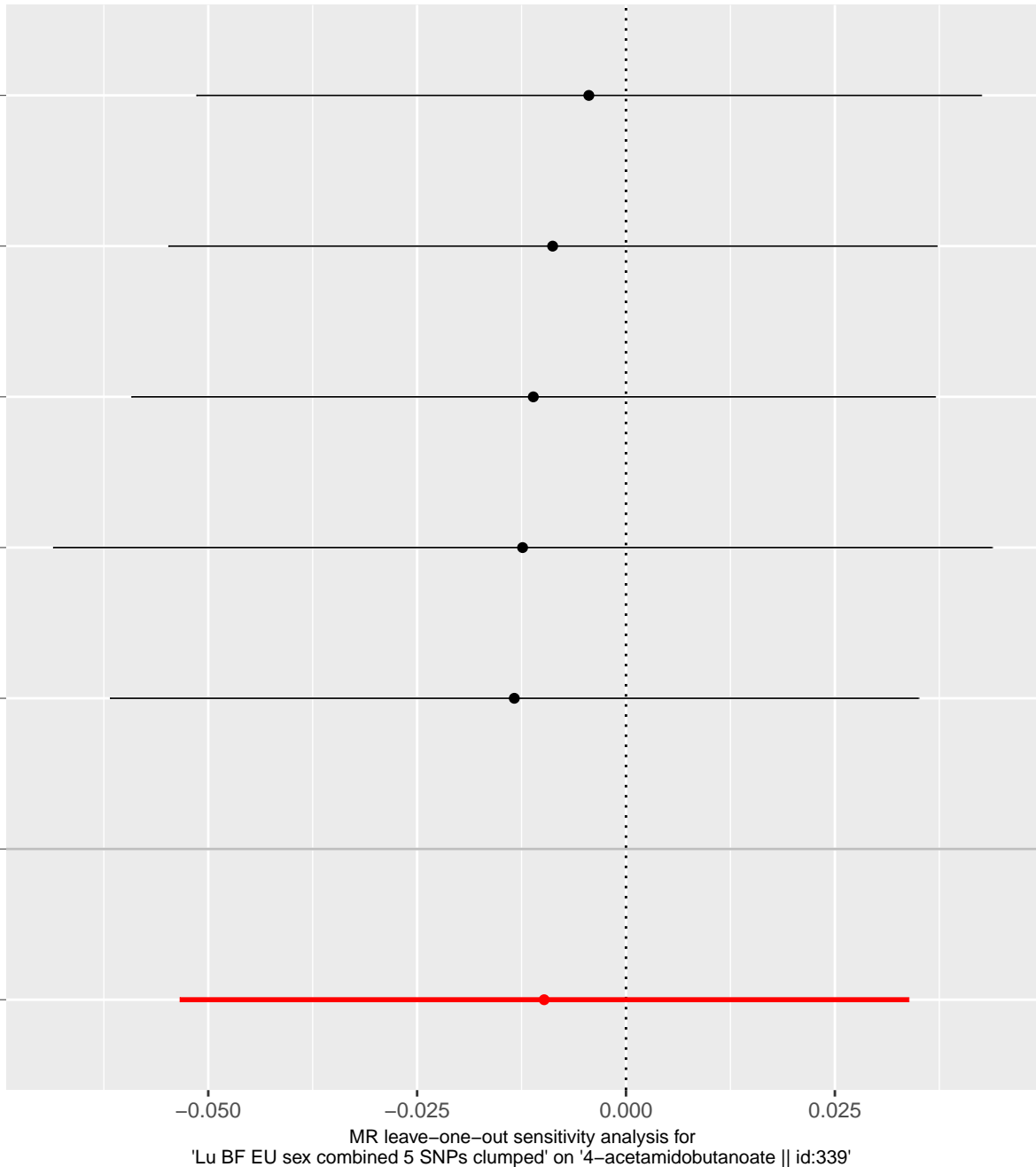
-0.050

-0.025

0.000

0.025

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '4-acetamidobutanoate || id:339'



rs9906944

rs6857

rs6728726

rs693839

rs1558902

All

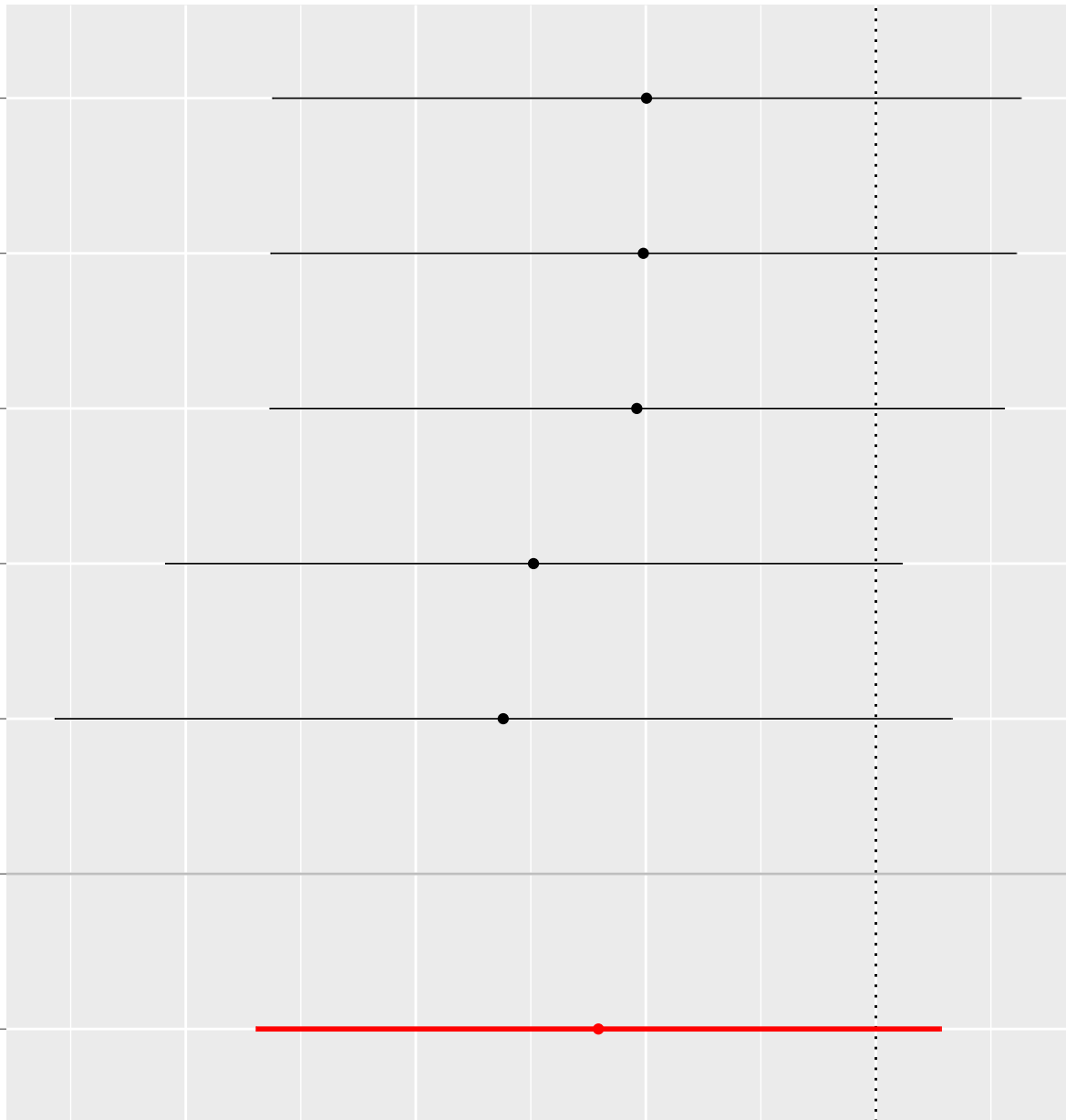
-0.15

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Alpha-tocopherol || id:340'



rs1558902

rs6857

rs6728726

rs693839

rs9906944

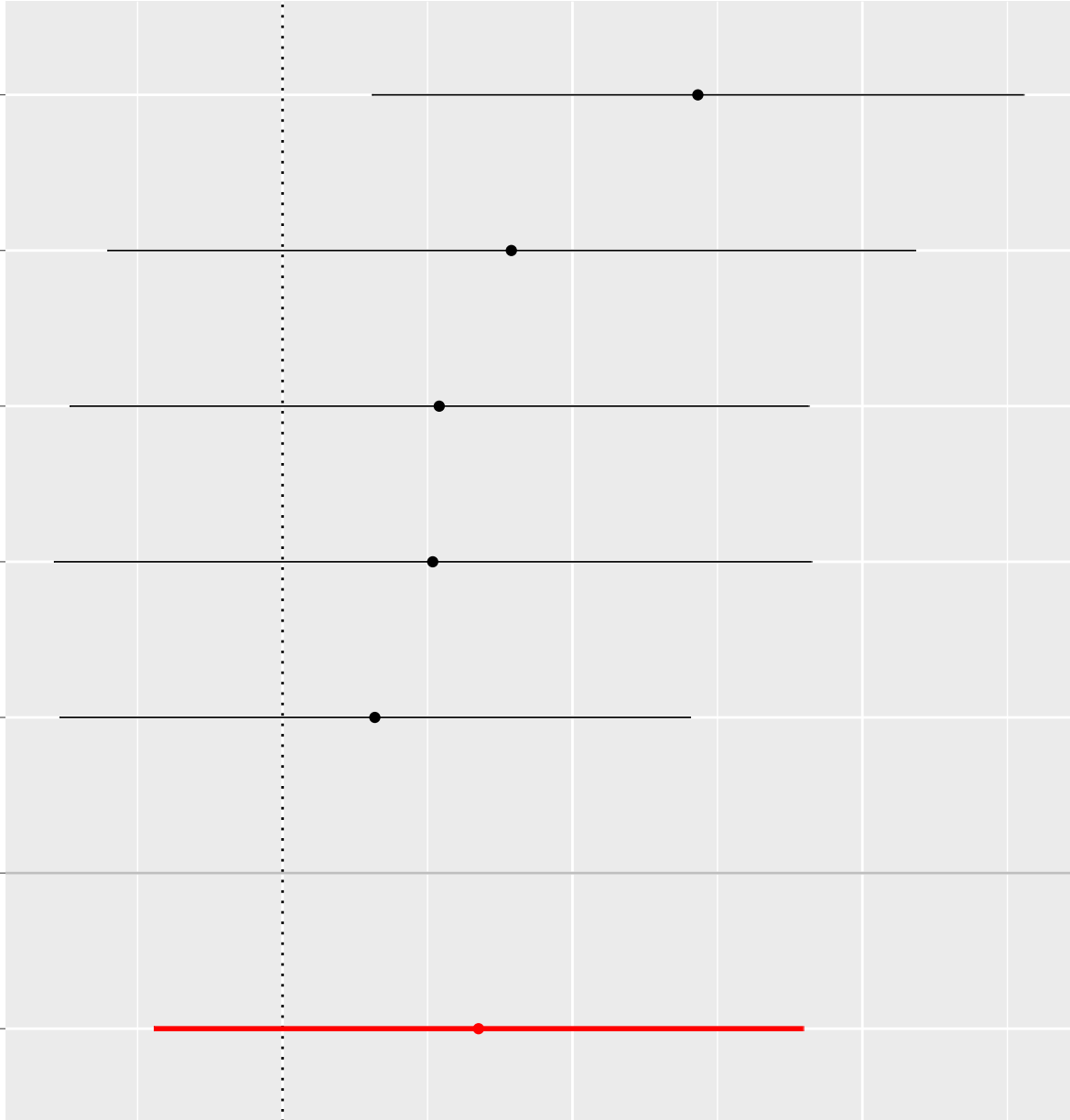
All

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Citrate || id:341'



rs1558902

rs693839

rs6728726

rs9906944

rs6857

All

-0.15

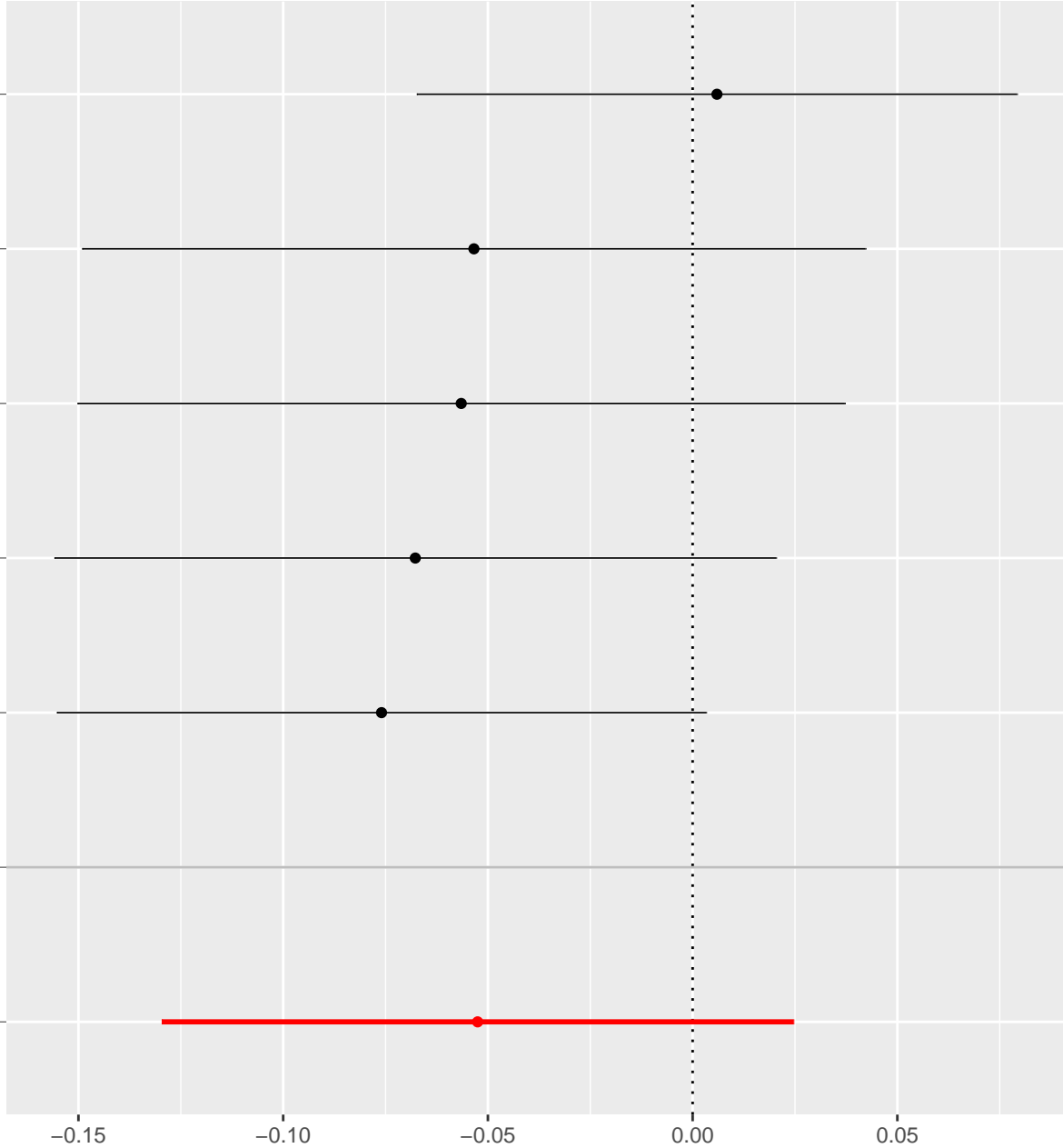
-0.10

-0.05

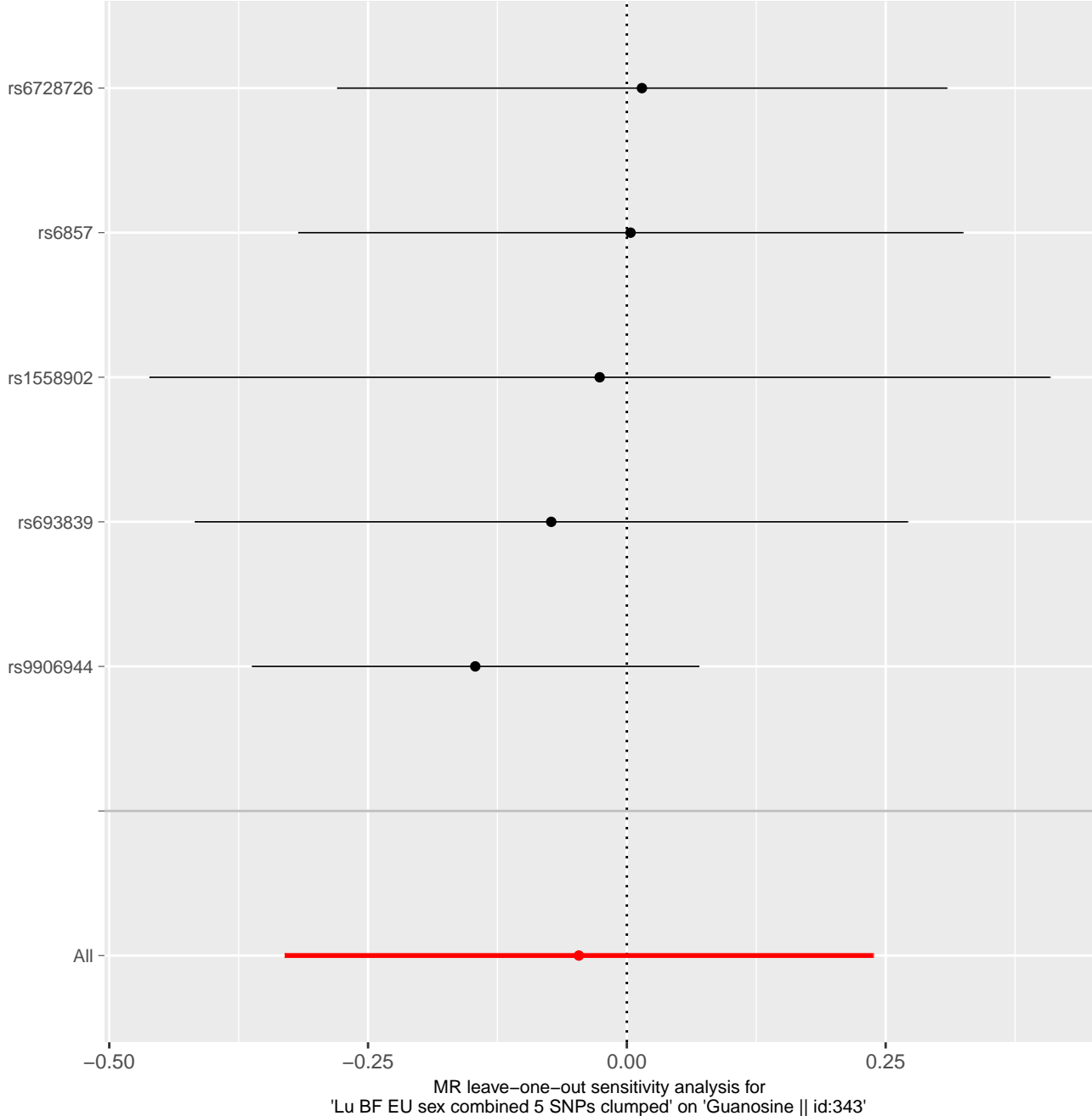
0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycerate || id:342'







rs9906944

rs693839

rs1558902

rs6728726

rs6857

All

0.000

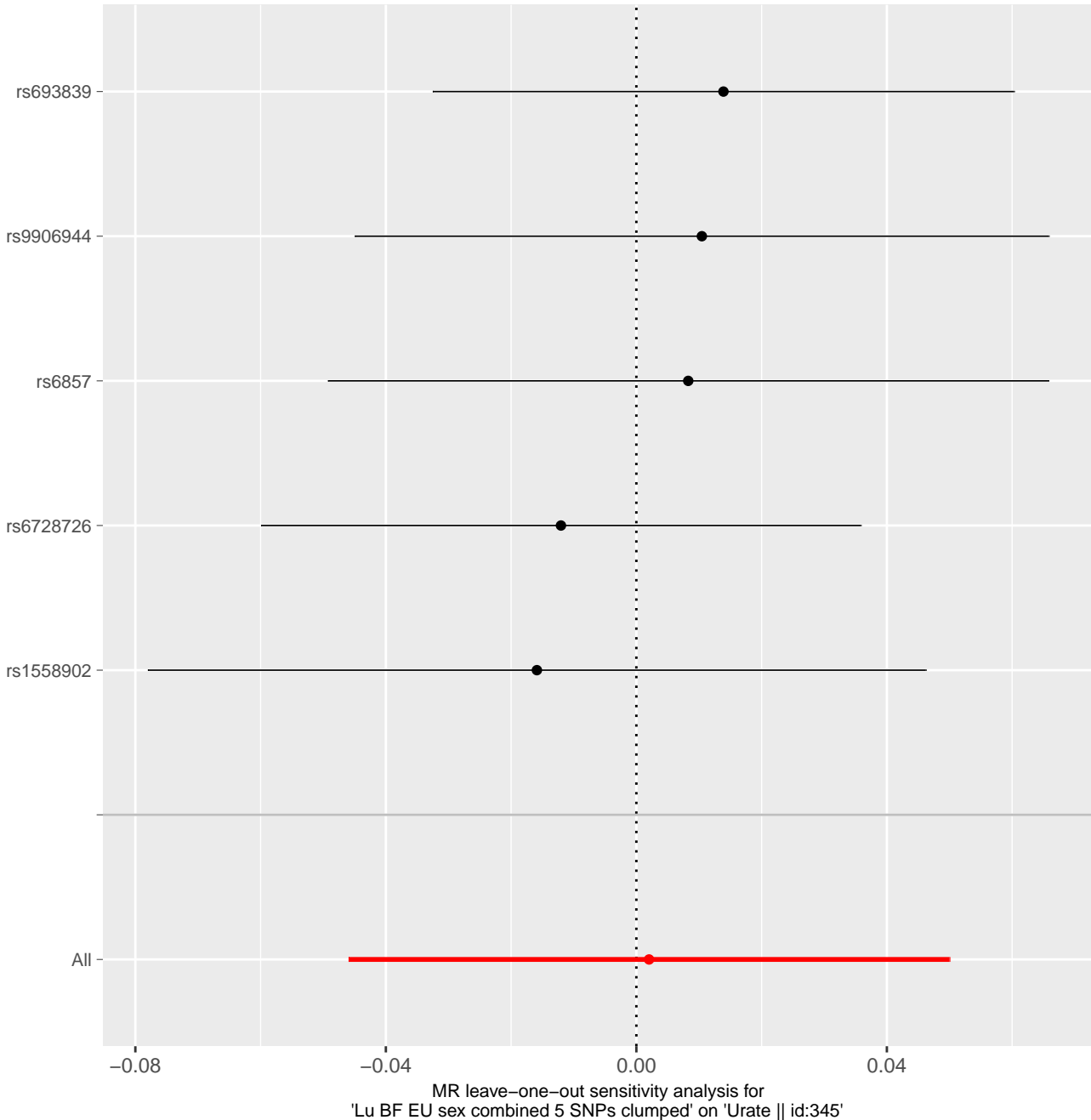
0.025

0.050

0.075

MR leave-one-out sensitivity analysis for

'Lu BF EU sex combined 5 SNPs clumped' on 'N-acetylalanine || id:344'



rs1558902

rs6728726

rs693839

rs6857

rs9906944

All

-0.2

-0.1

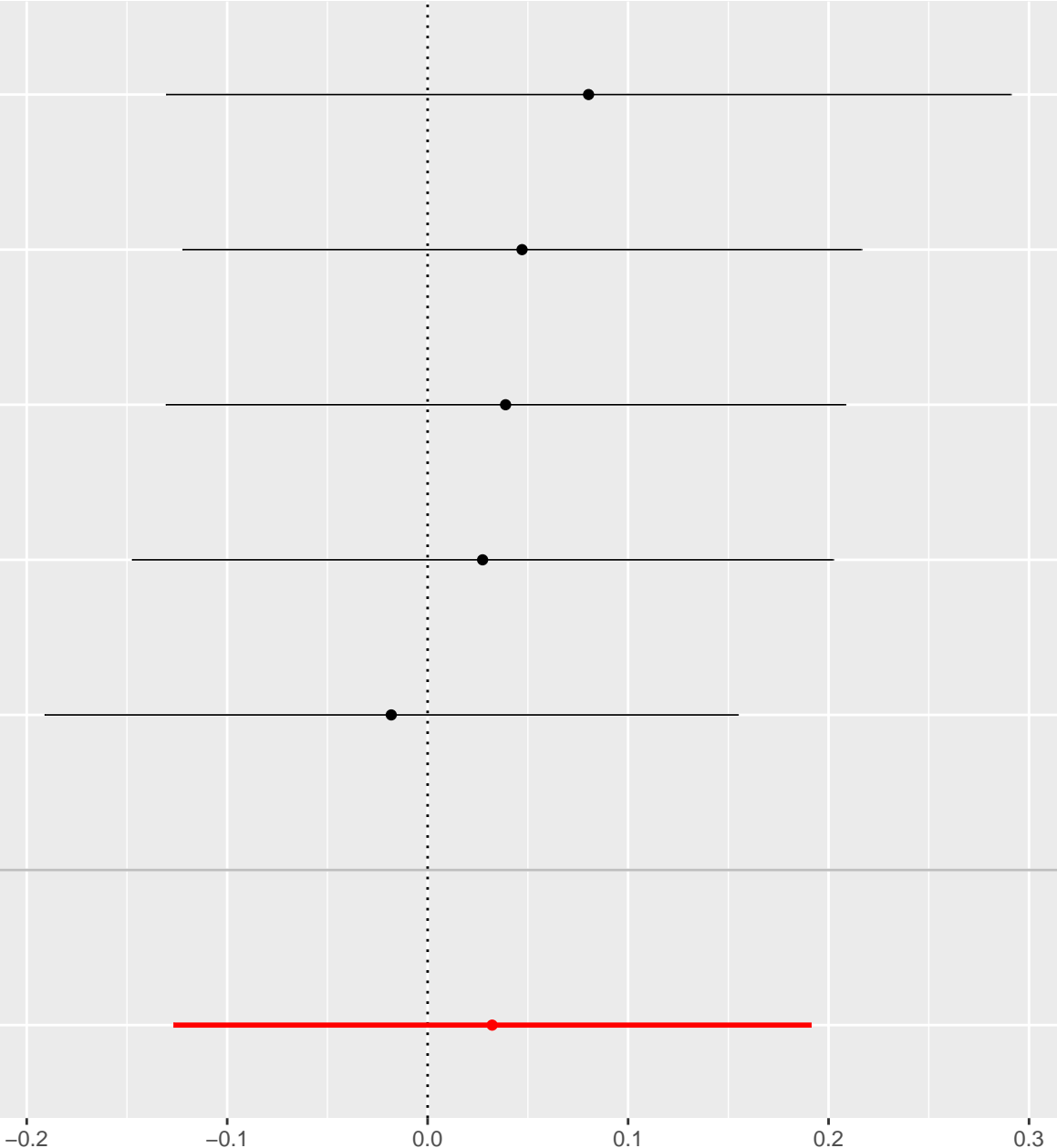
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Ursodeoxycholate || id:346'



rs1558902

rs6728726

rs9906944

rs693839

rs6857

All

-0.05

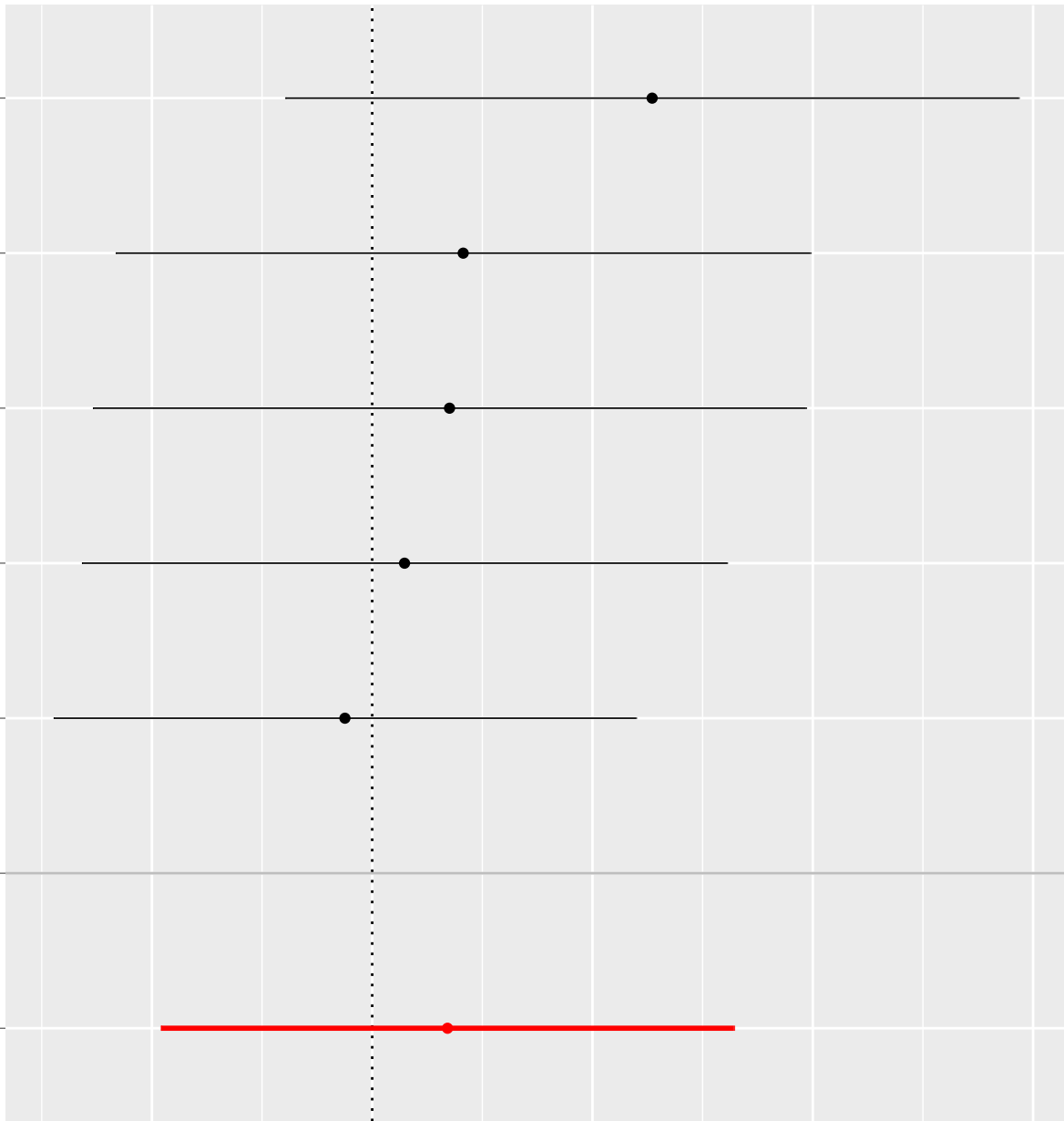
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Arginine || id:347'



rs1558902

rs6728726

rs9906944

rs6857

rs693839

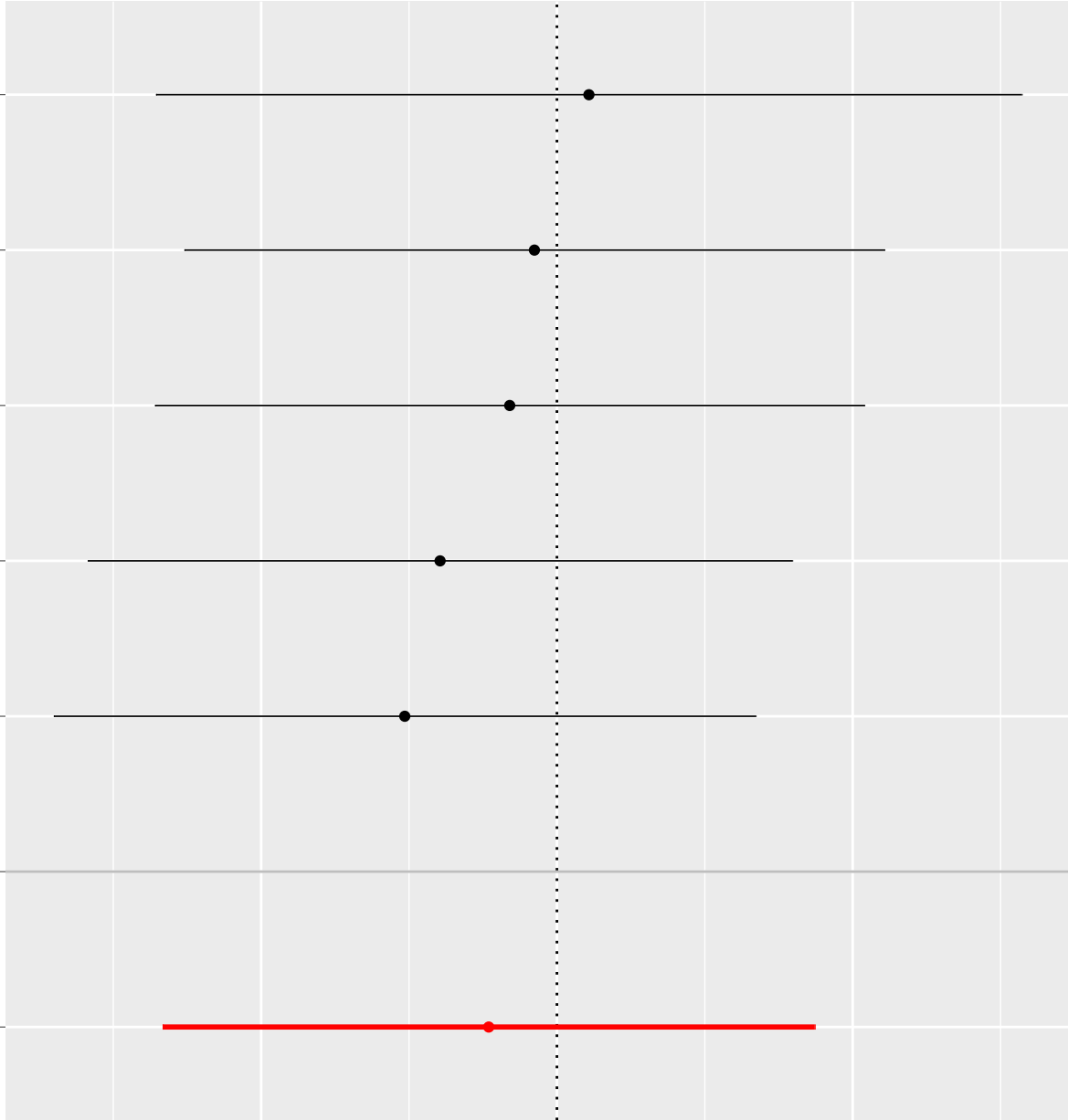
All

-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Ascorbate (Vitamin C) || id:348'



rs6857

rs9906944

rs693839

rs1558902

rs6728726

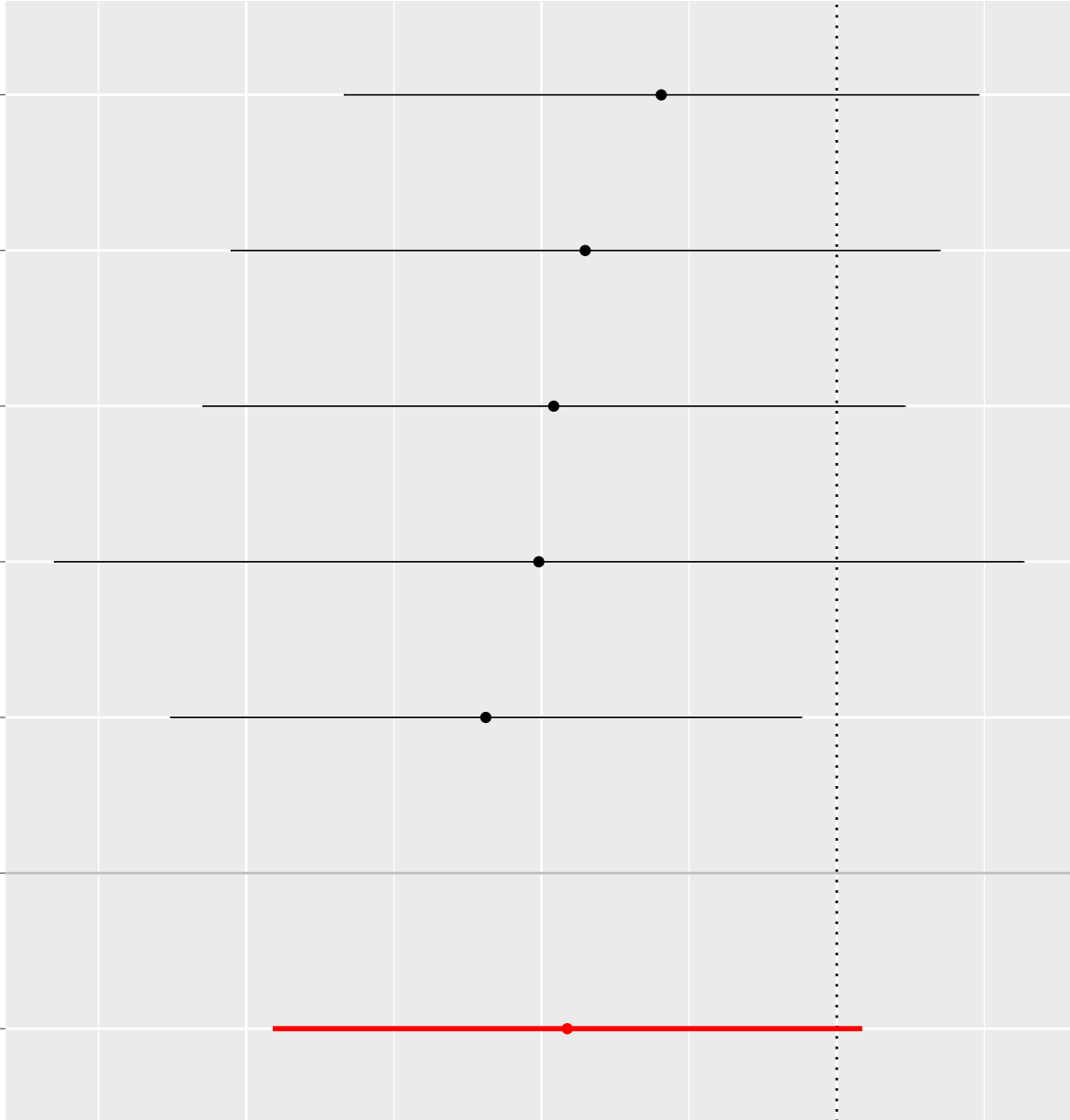
All

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Heptanoate (7:0) || id:349'



rs6857

rs693839

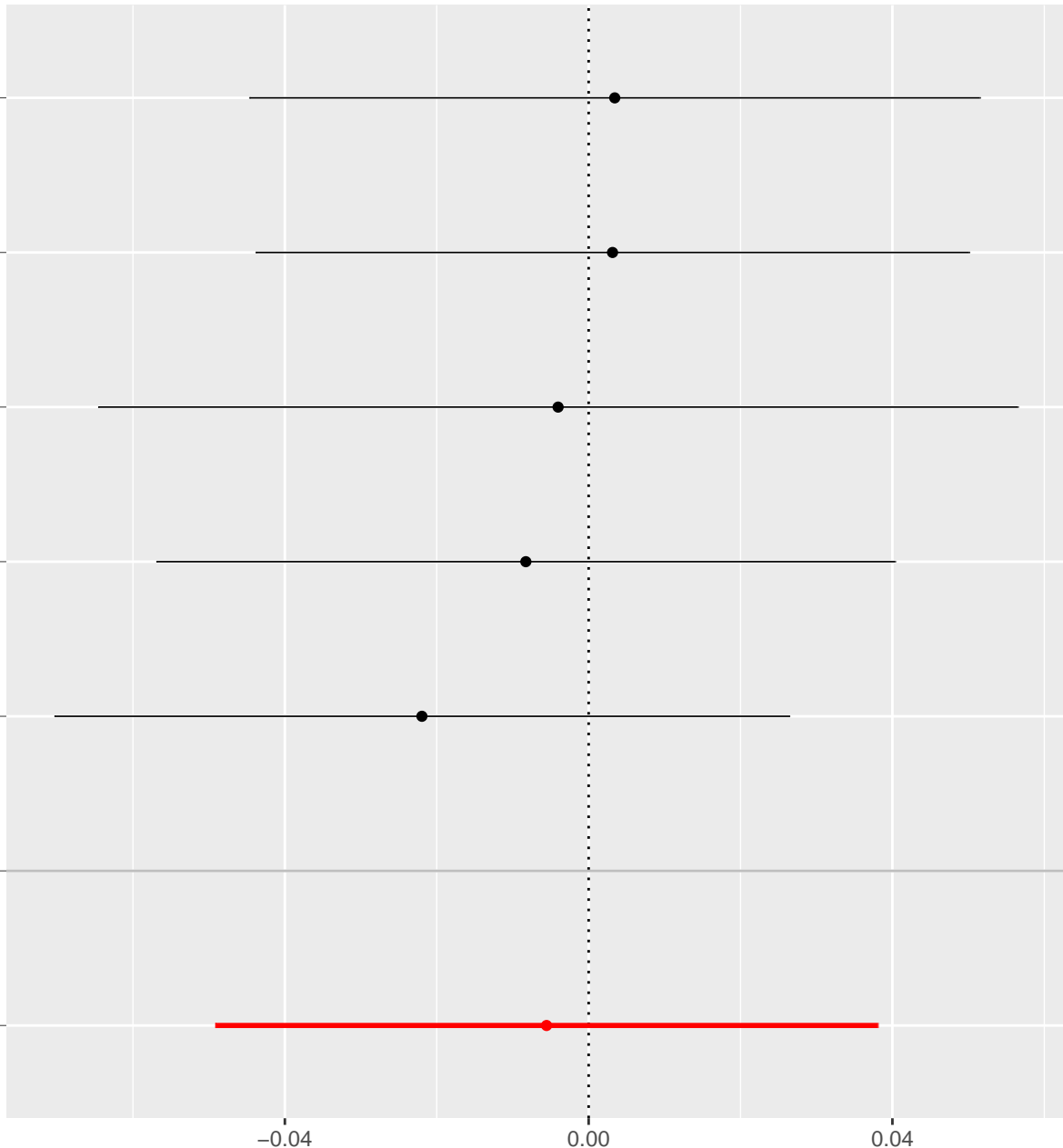
rs1558902

rs6728726

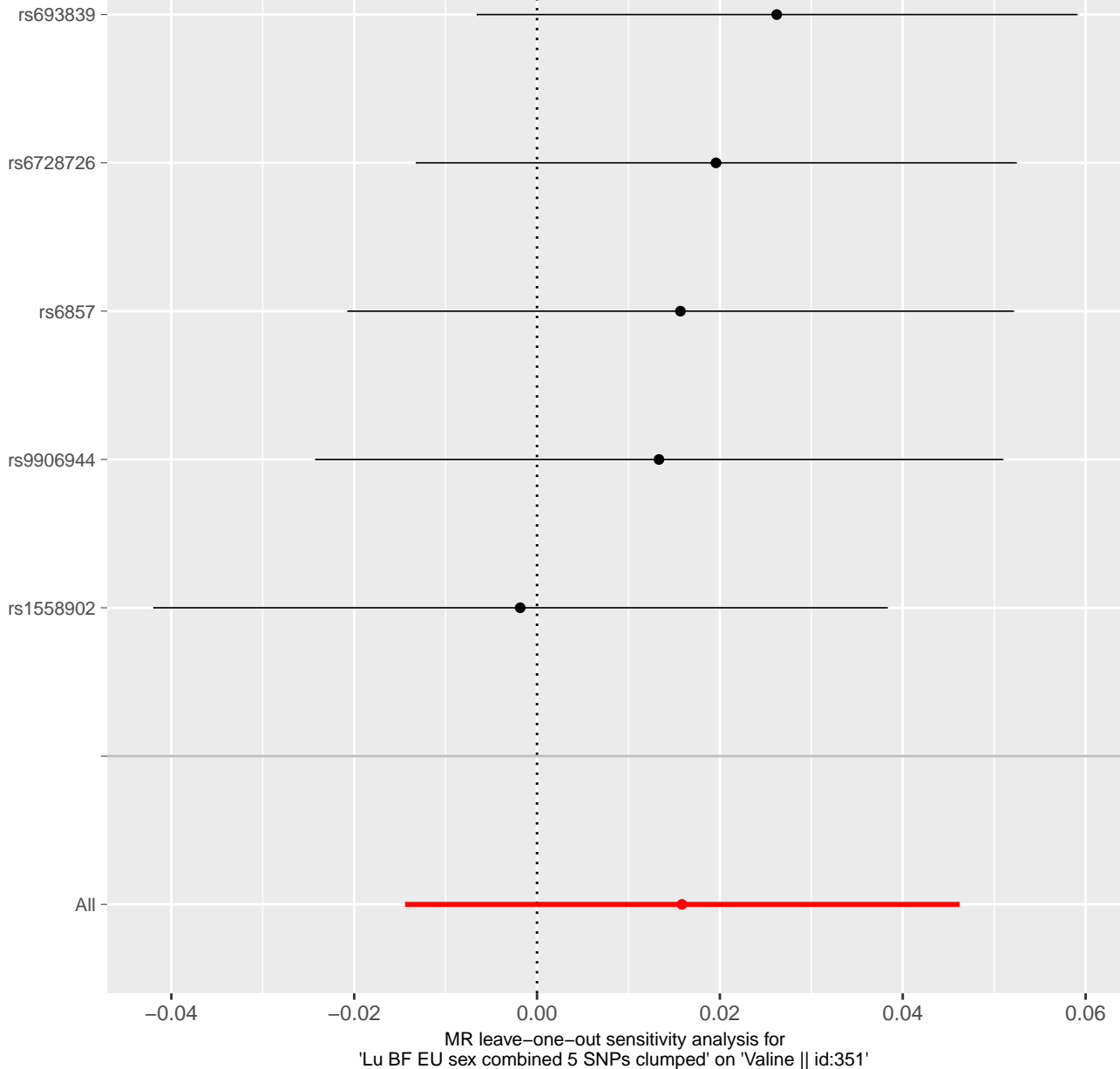
rs9906944

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Laurate (12:0) || id:350'







rs1558902

rs6728726

rs693839

rs9906944

rs6857

All

-0.05

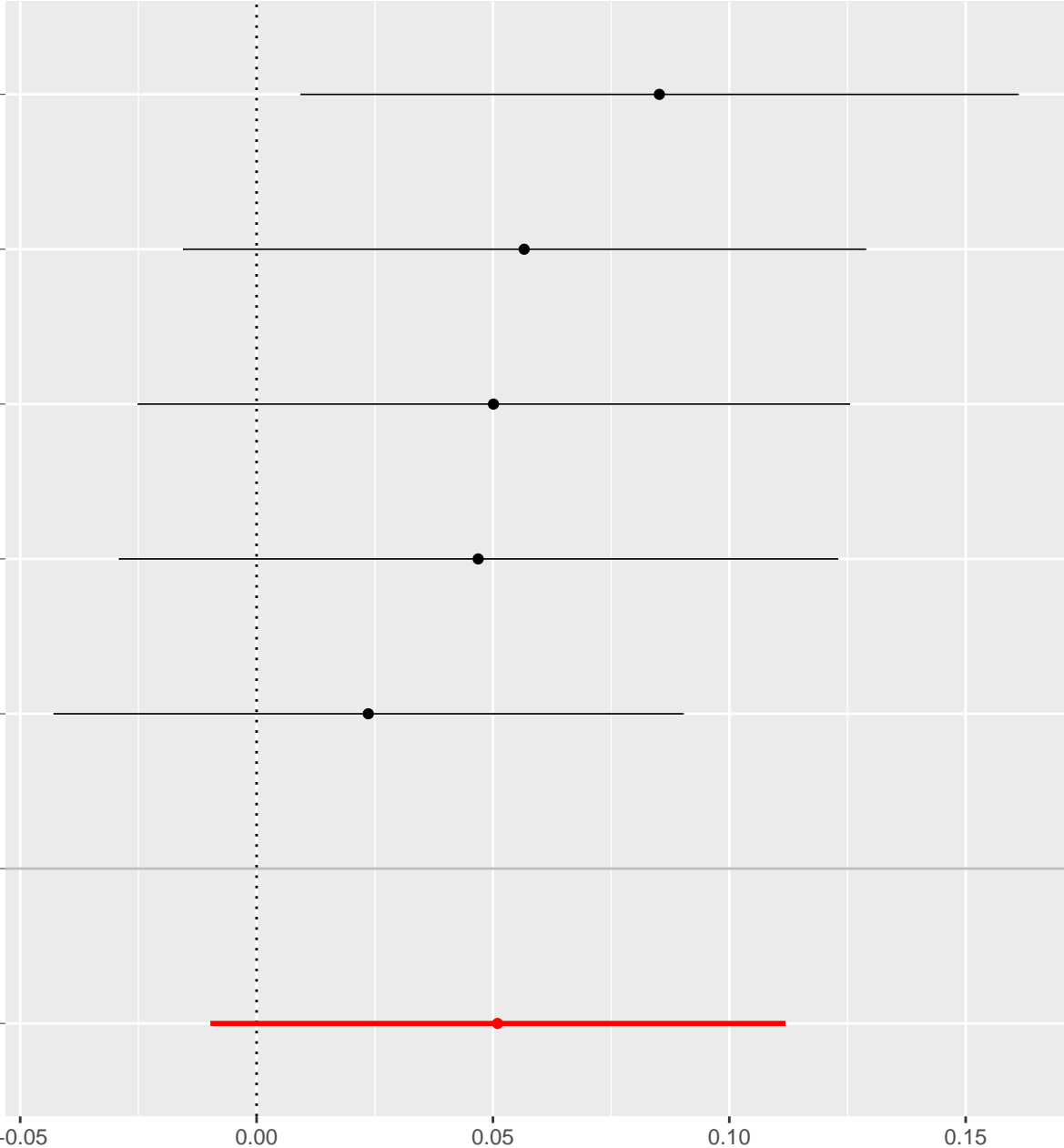
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Urea || id:352'



rs6728726

rs1558902

rs693839

rs9906944

rs6857

All

-0.10

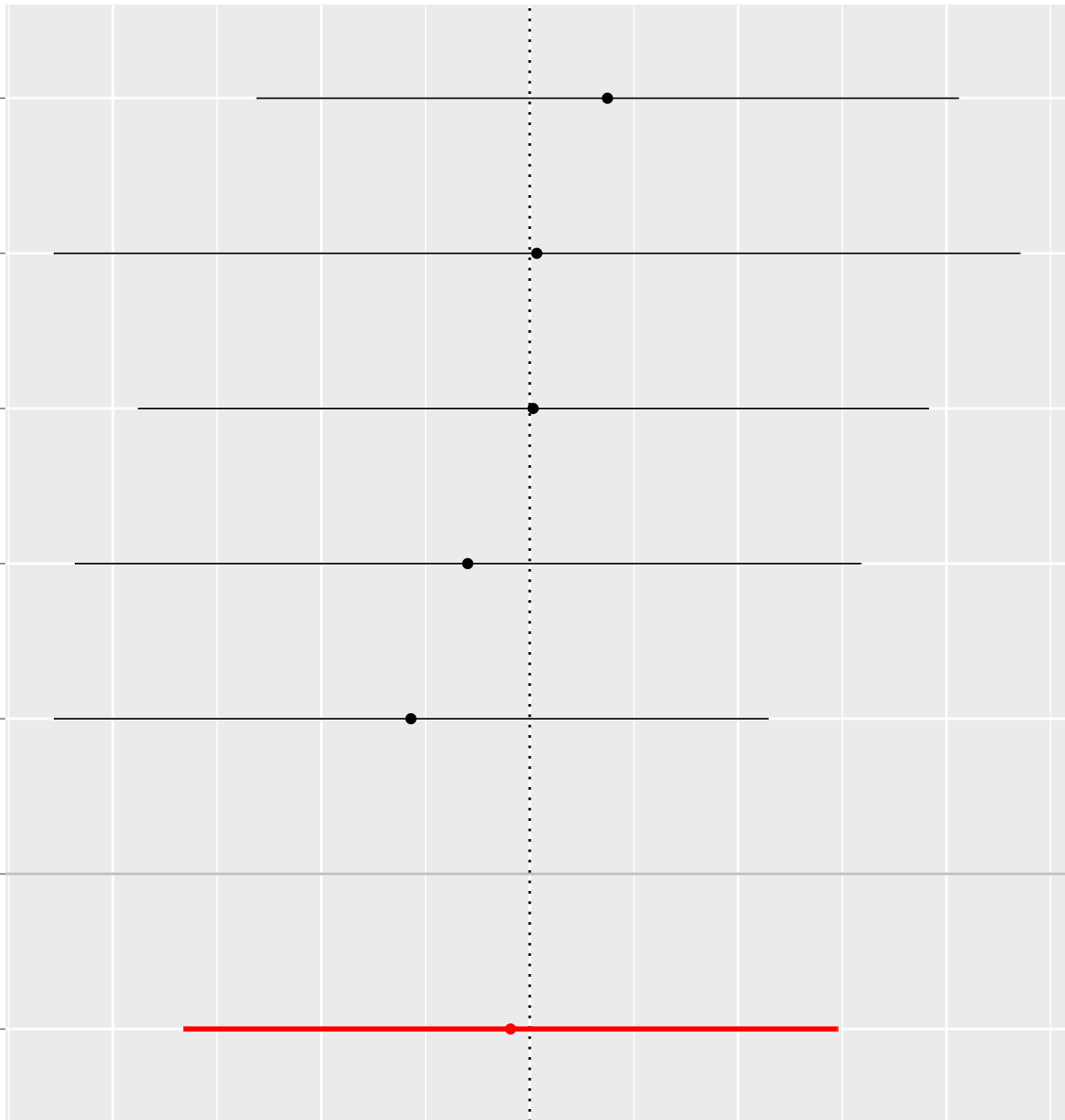
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Cortisol || id:353'



rs6728726

rs1558902

rs693839

rs6857

rs9906944

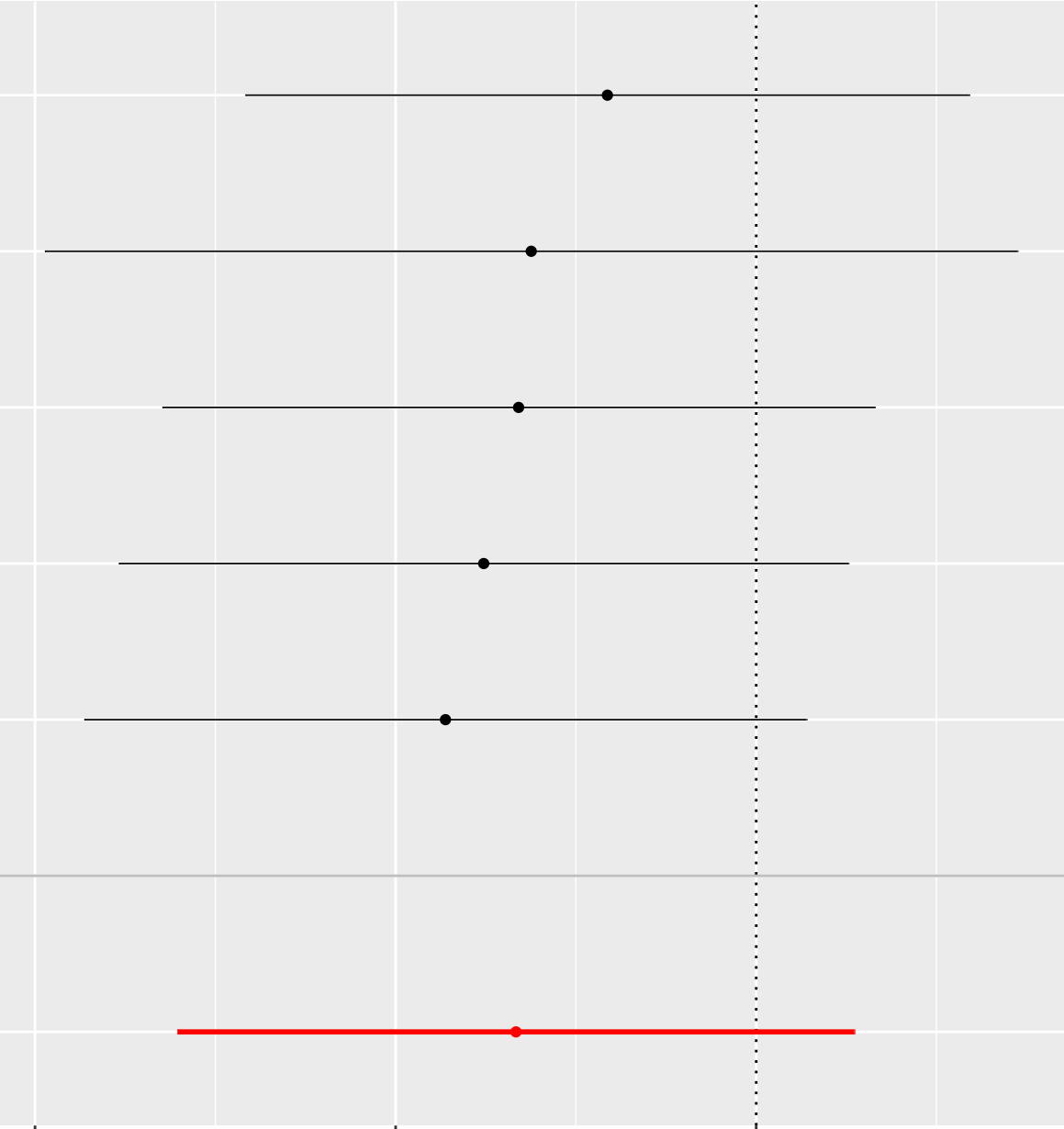
All

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Cortisone || id:354'



rs6728726

rs693839

rs9906944

rs6857

rs1558902

All

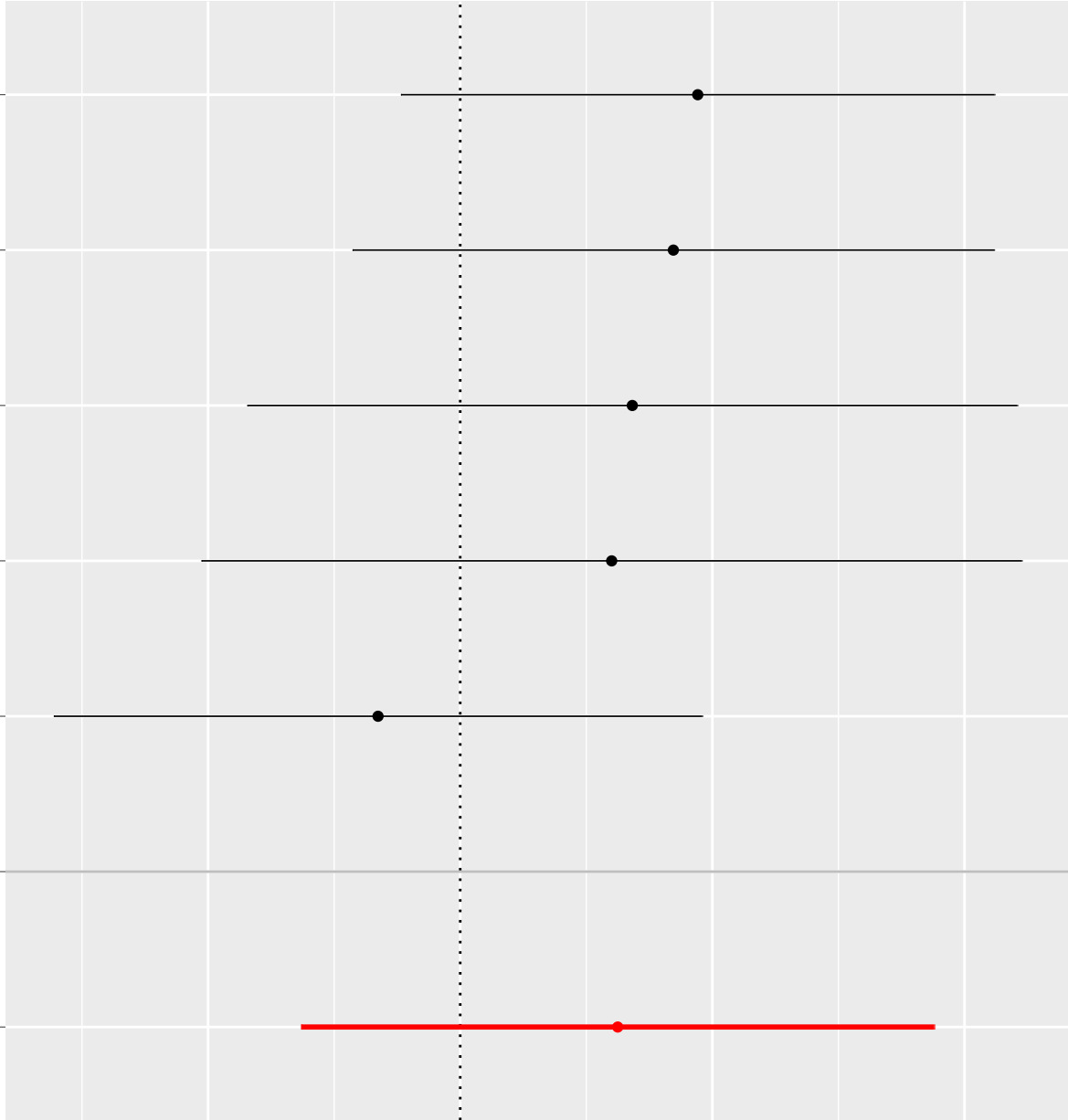
-0.05

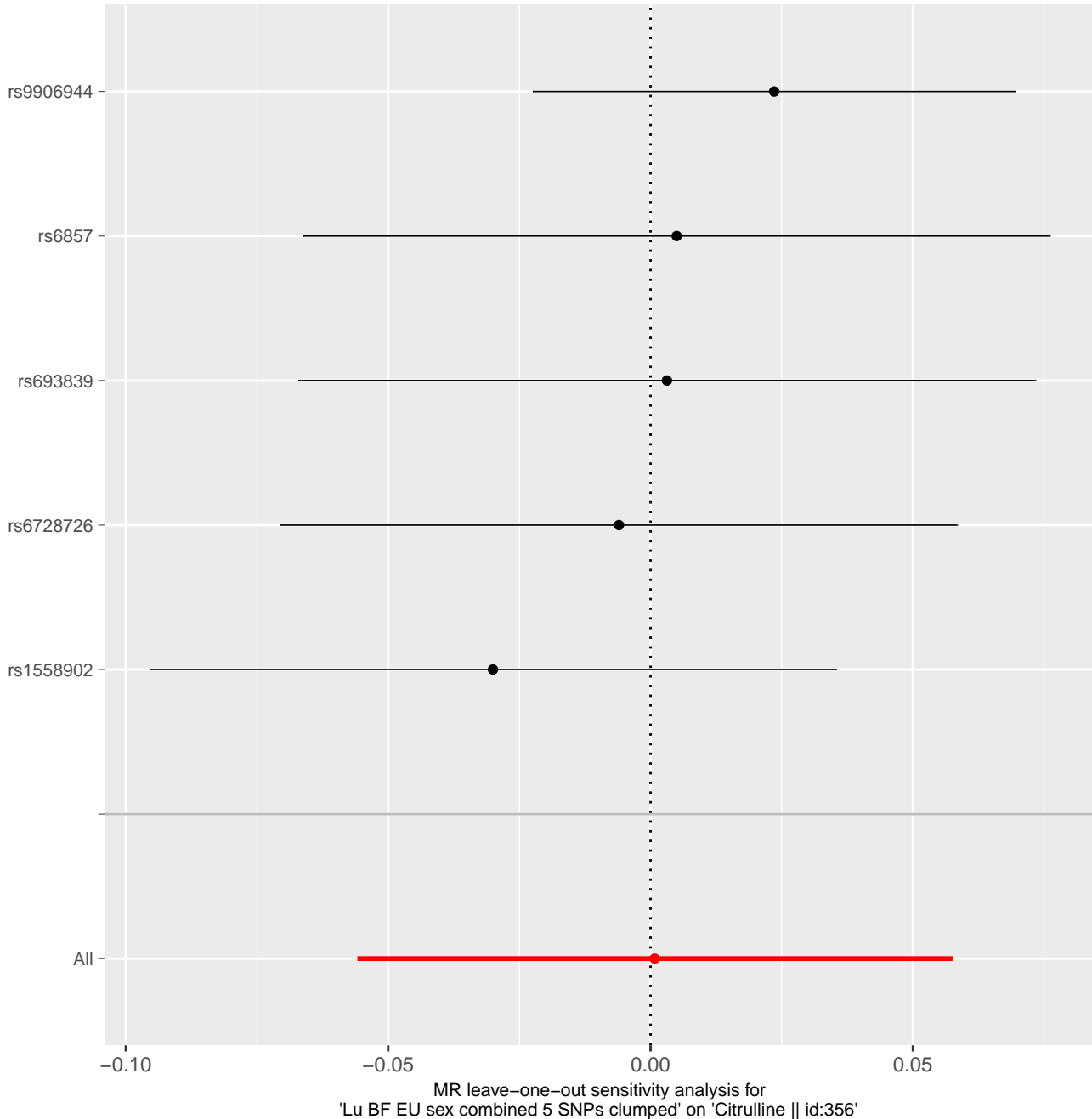
0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Proline || id:355'





rs1558902

rs6857

rs9906944

rs6728726

rs693839

All

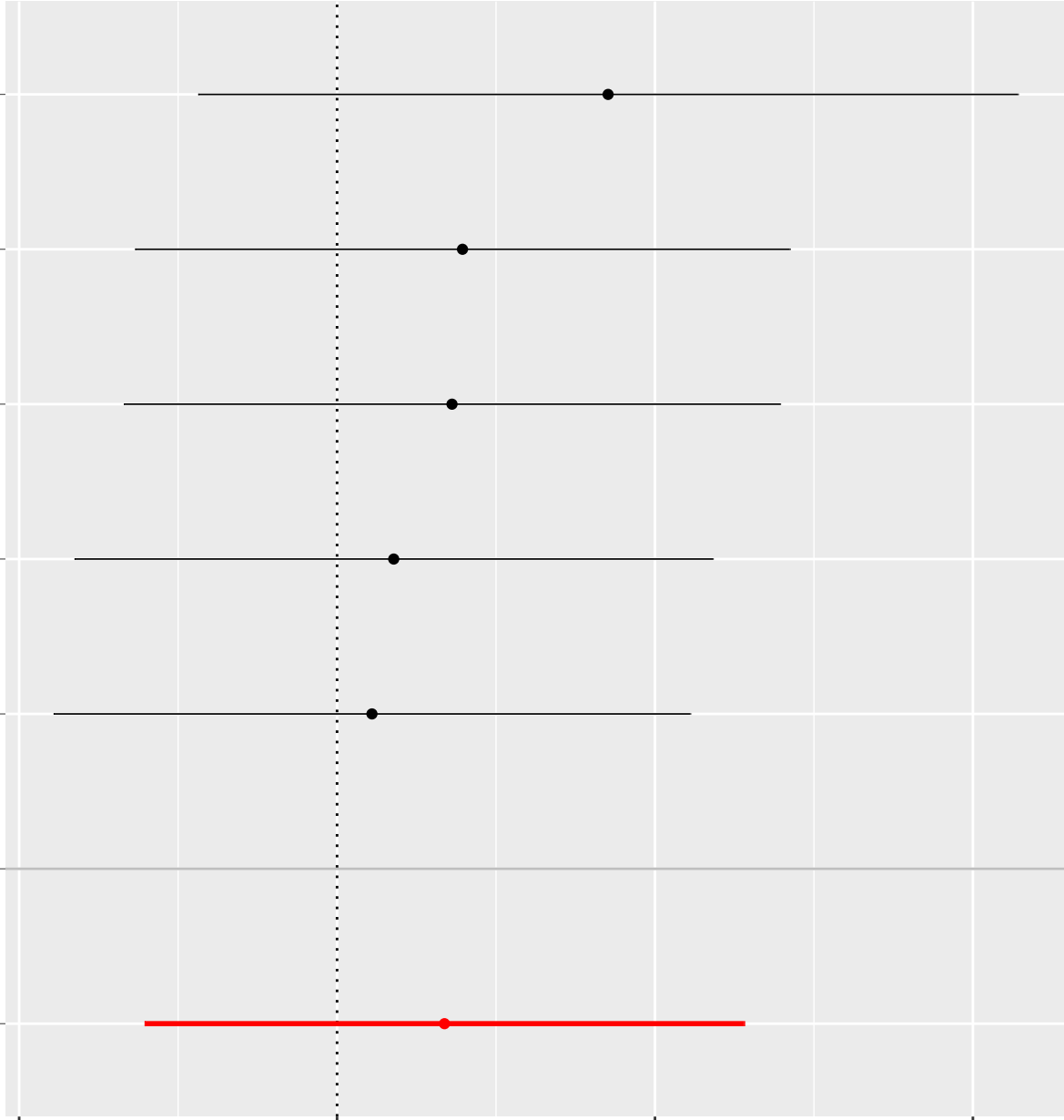
-0.1

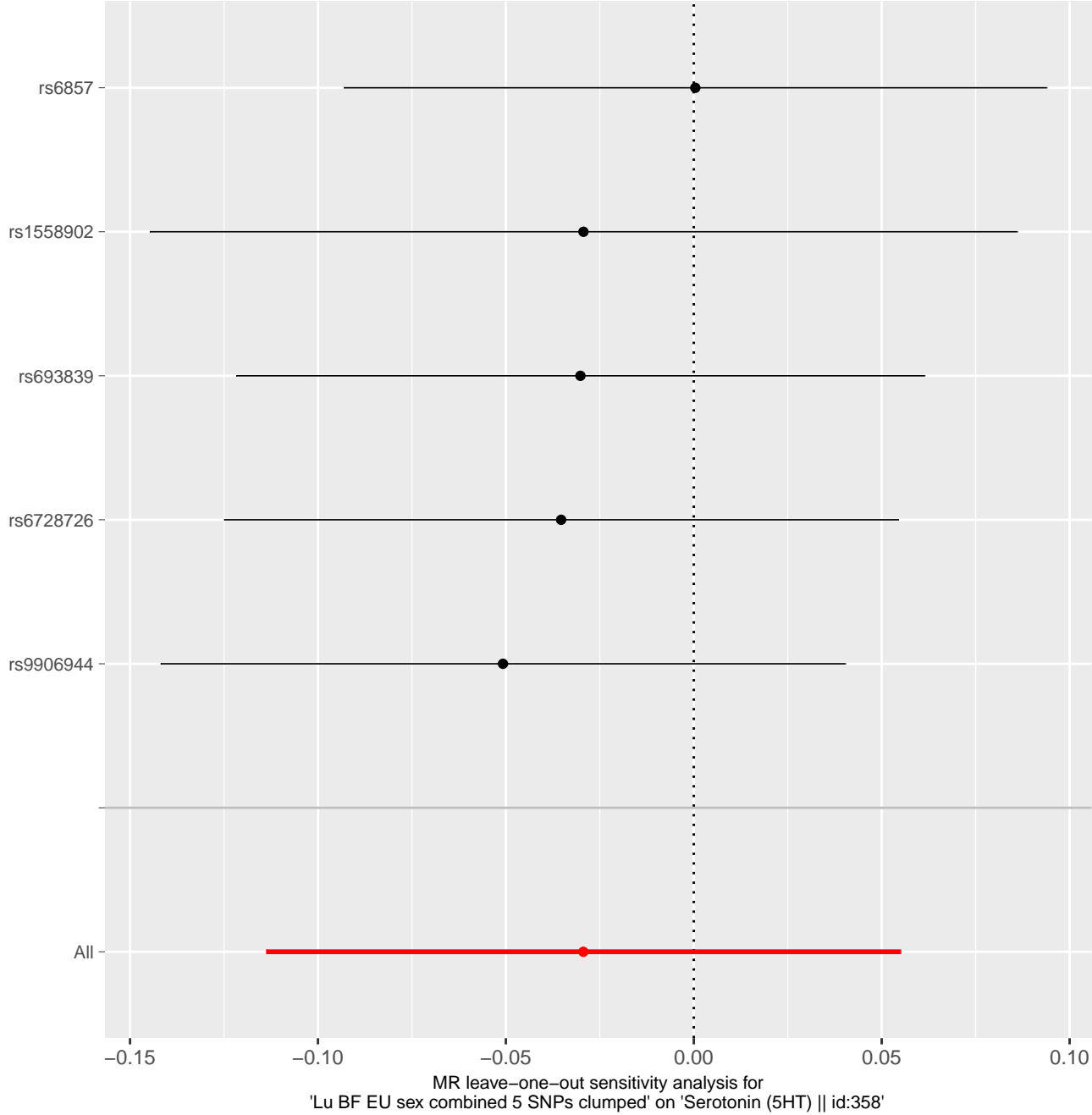
0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Biliverdin || id:357'







rs6728726

rs693839

rs1558902

rs9906944

rs6857

All

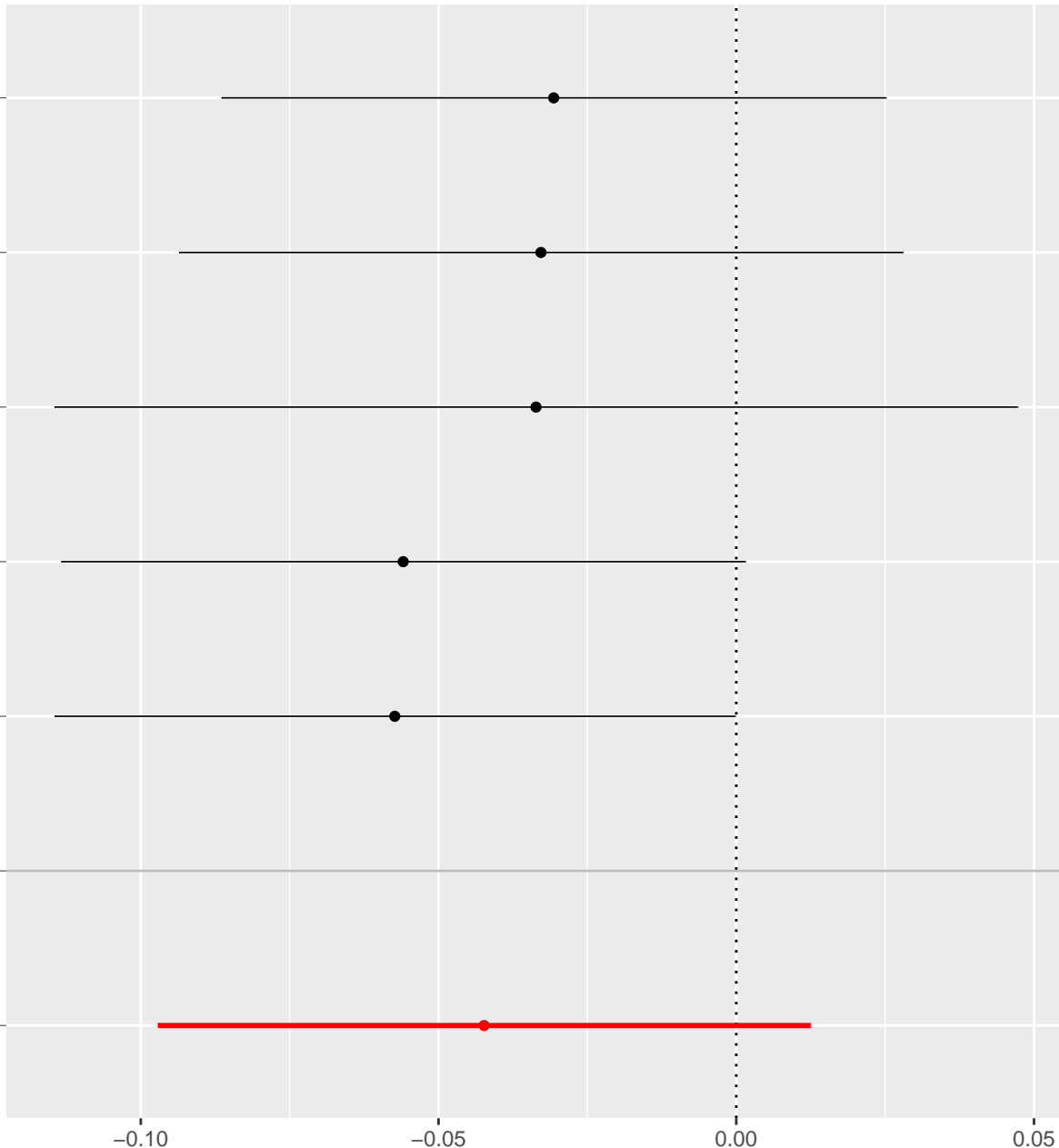
-0.10

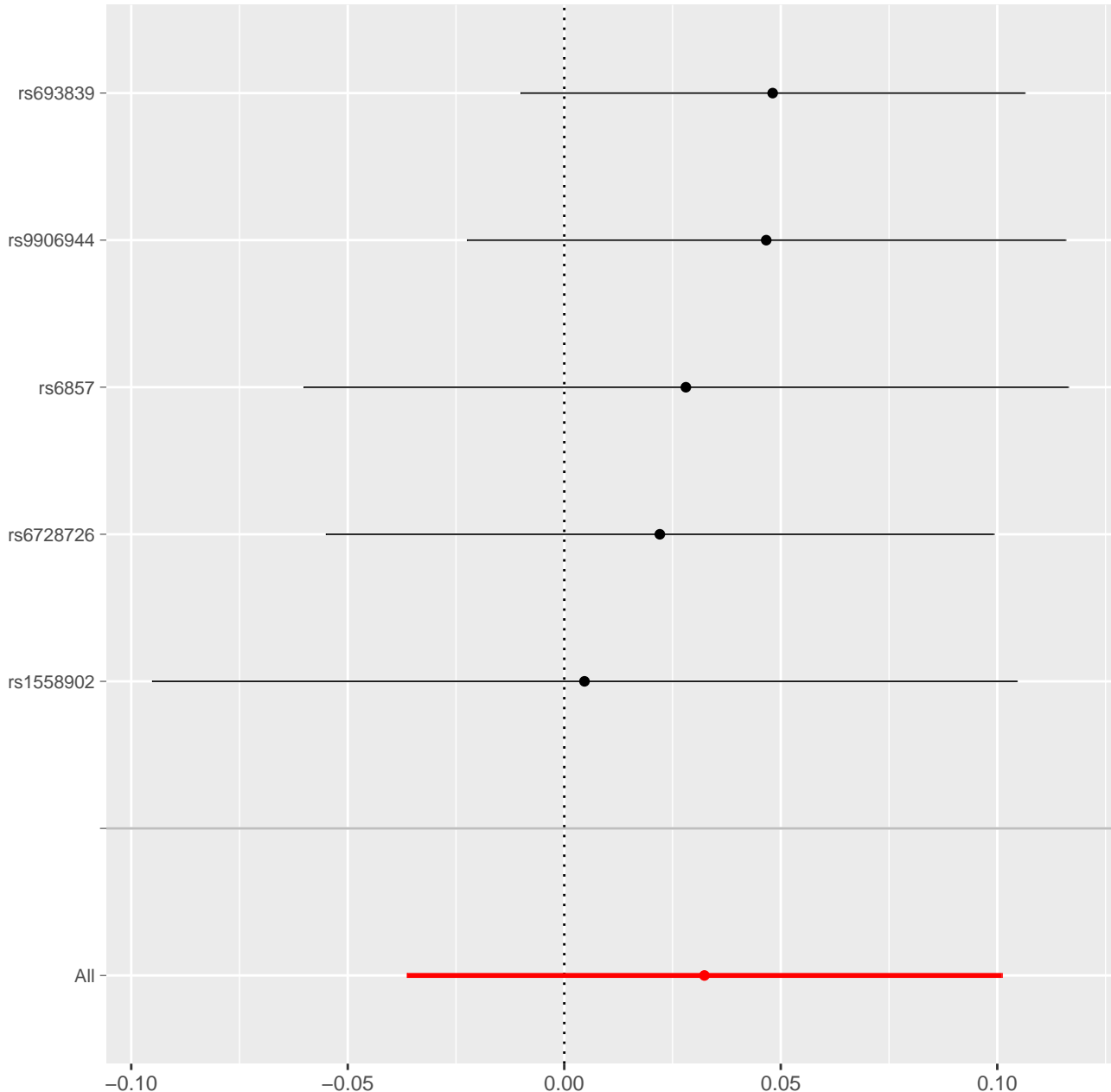
-0.05

0.00

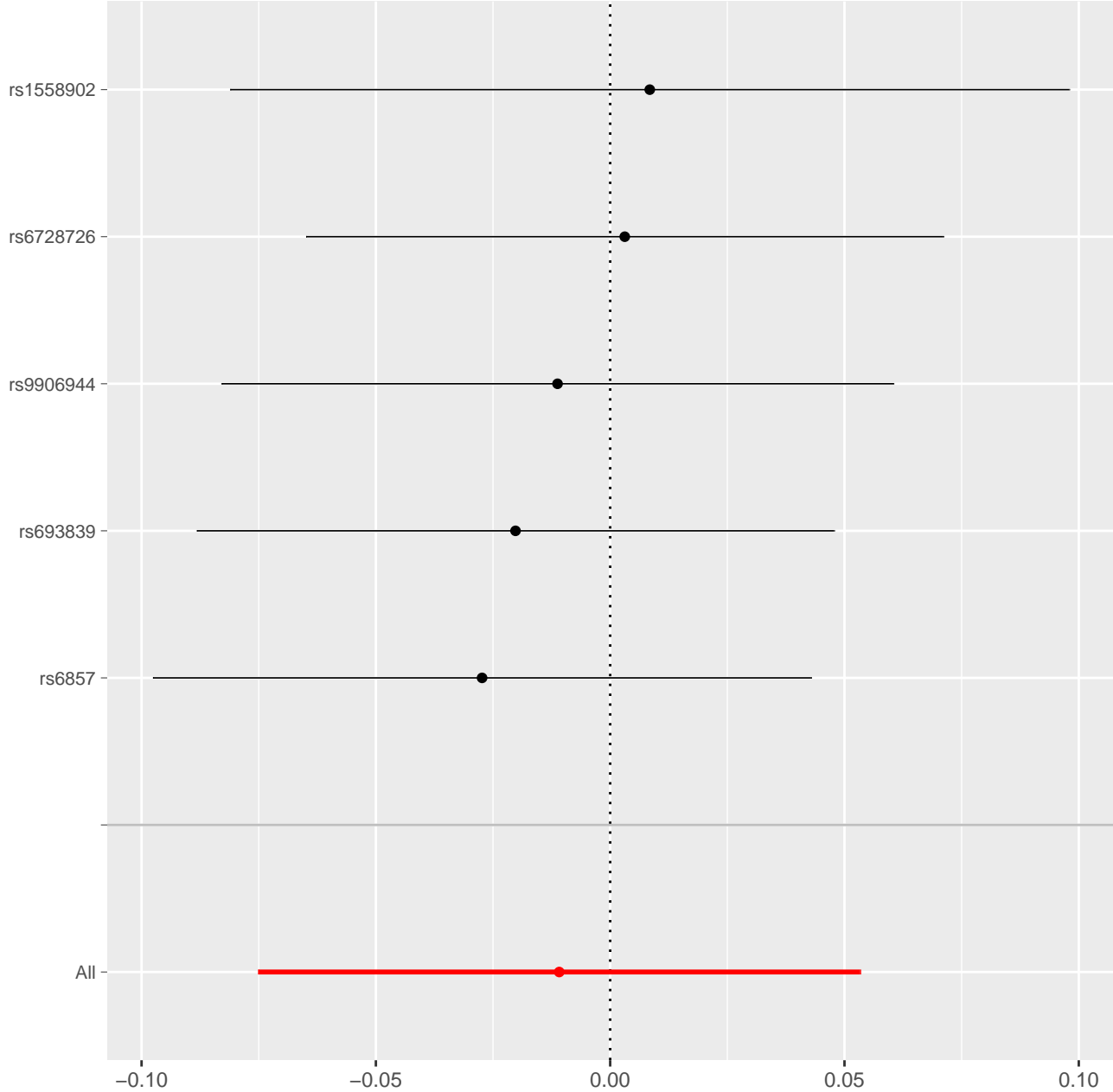
0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylglutamine || id:359'

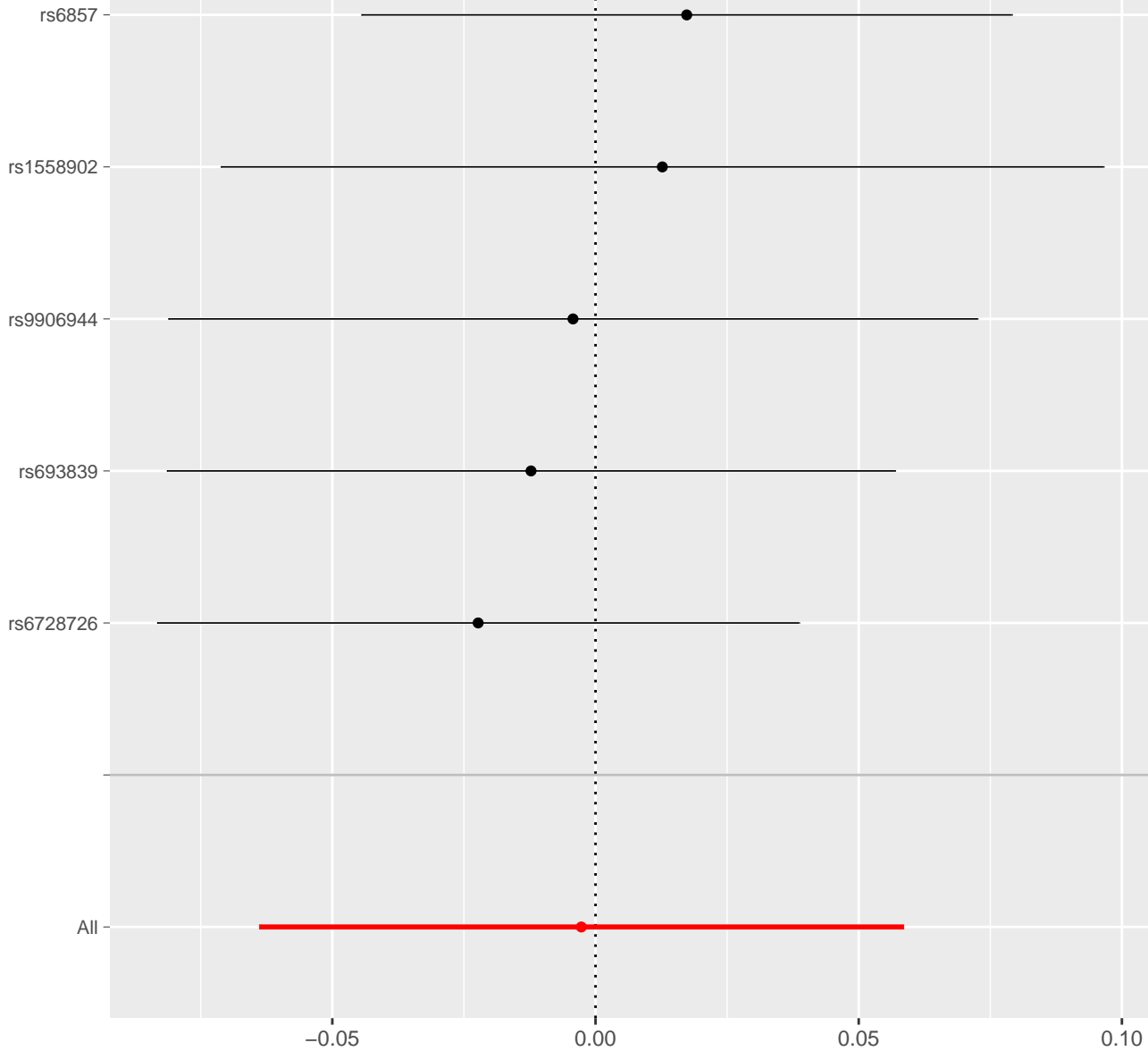




MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamyltyrosine || id:360'



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Hypoxanthine || id:361'



rs9906944

rs693839

rs1558902

rs6728726

rs6857

All

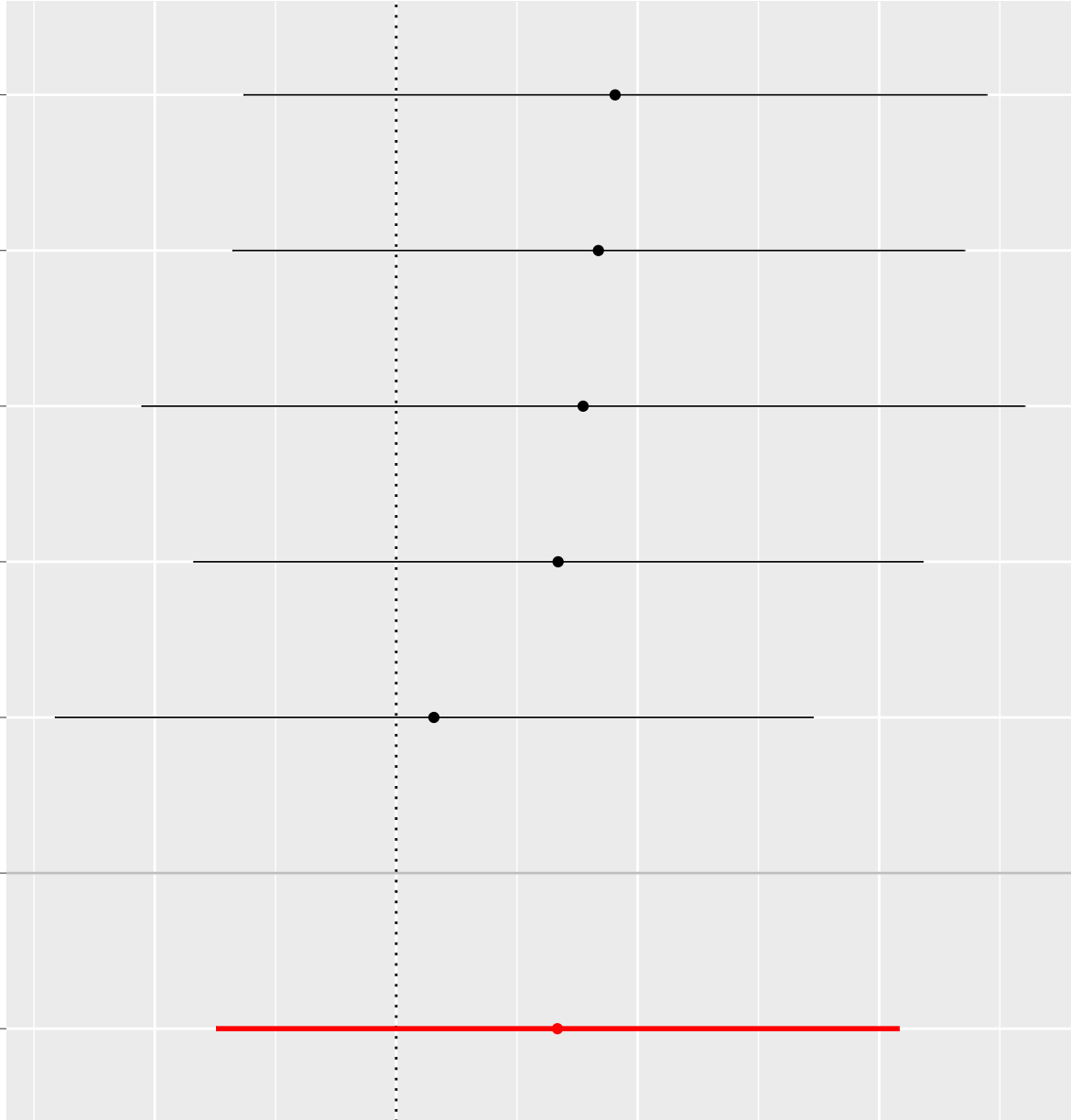
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Xanthine || id:363'



rs6728726

rs1558902

rs693839

rs6857

rs9906944

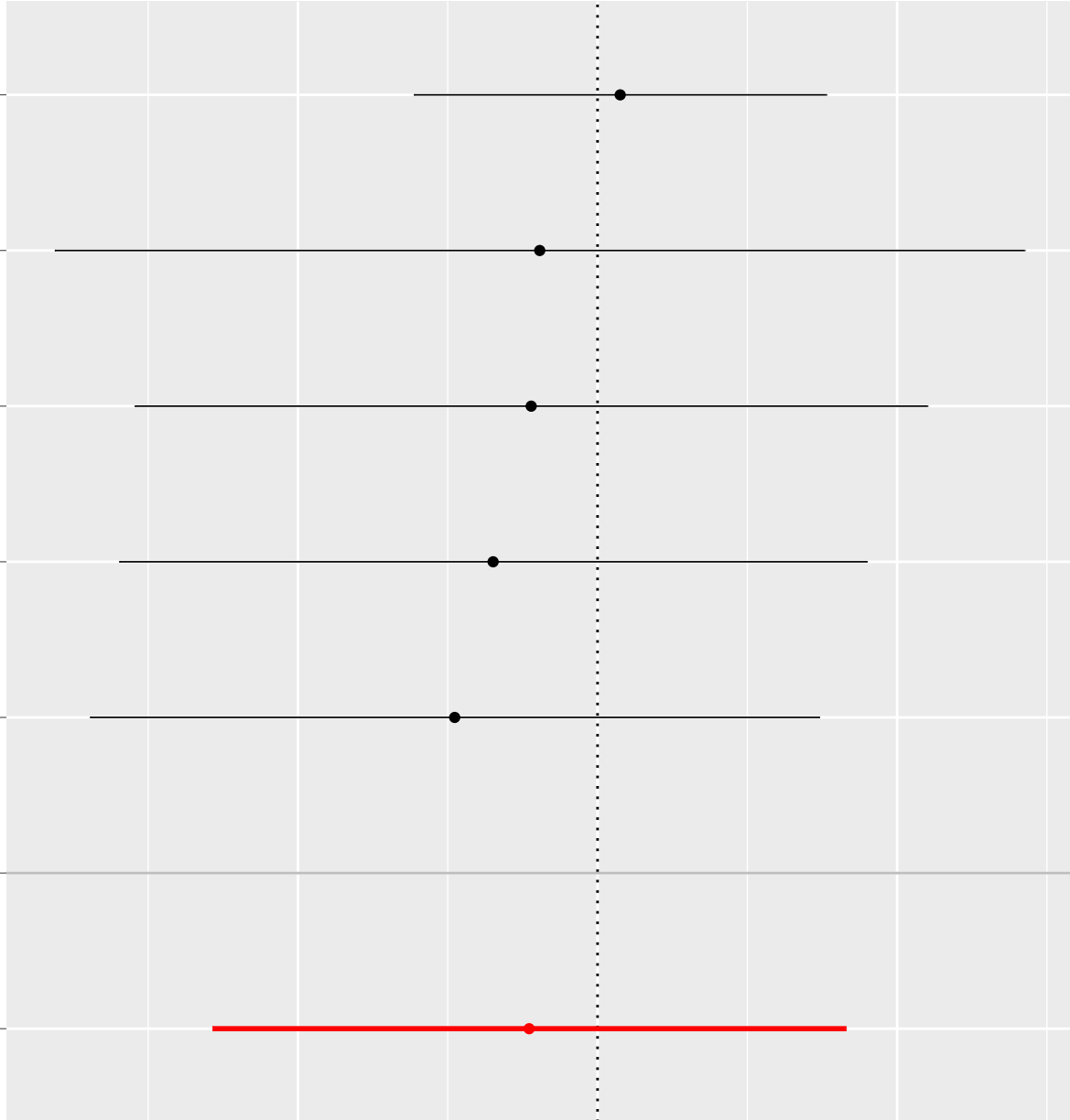
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Phosphate || id:364'



rs6857

rs6728726

rs1558902

rs693839

rs9906944

All

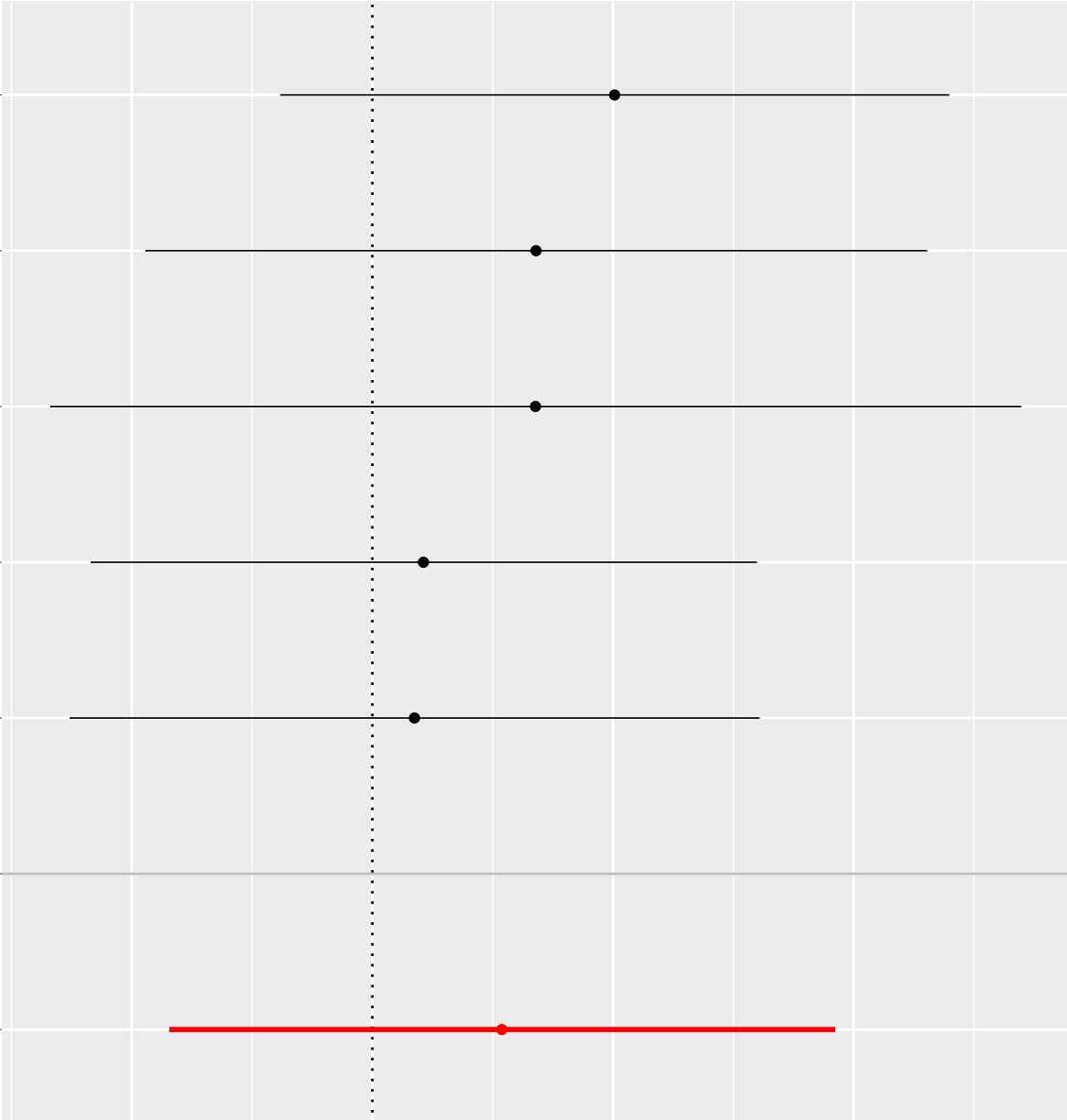
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '3-methoxytyrosine || id:365'



rs6857

rs9906944

rs1558902

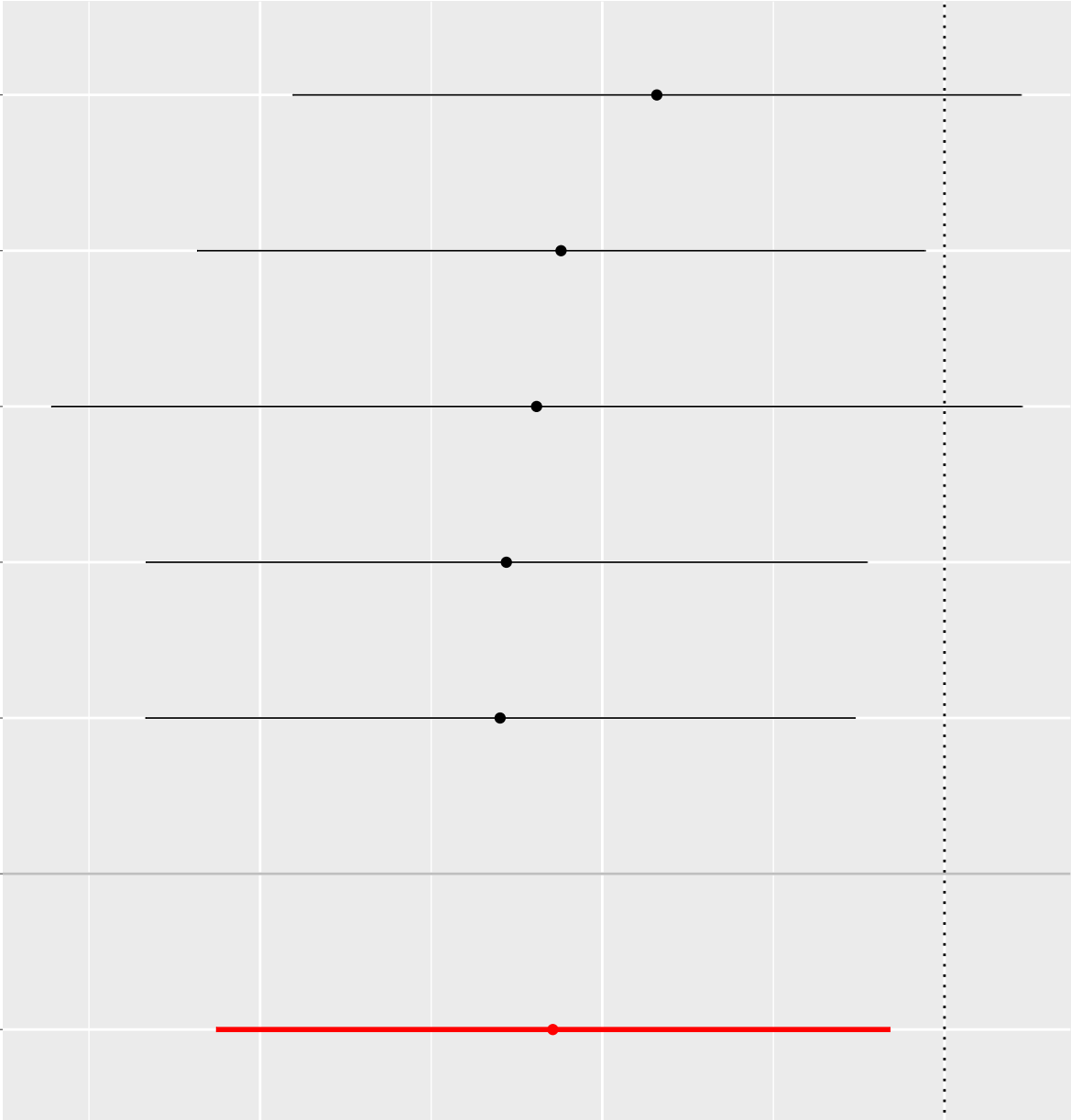
rs6728726

rs693839

All

-0.10                      -0.05                      0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Pelargonate (9:0) || id:366'





rs1558902

rs6728726

rs9906944

rs693839

rs6857

All

-0.06

-0.04

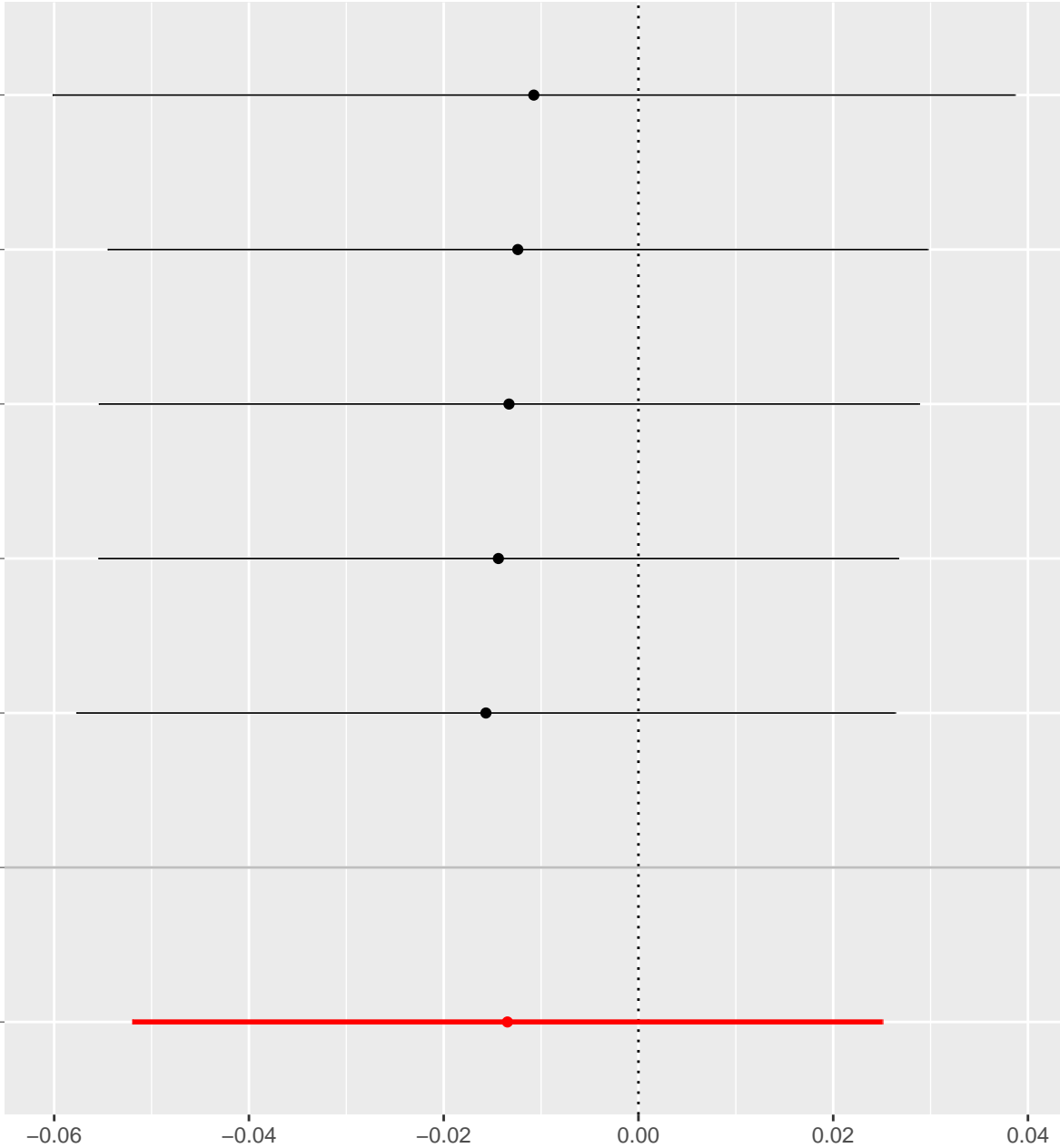
-0.02

0.00

0.02

0.04

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Undecanoate (11:0) || id:367'



rs9906944

rs693839

rs6728726

rs1558902

rs6857

All

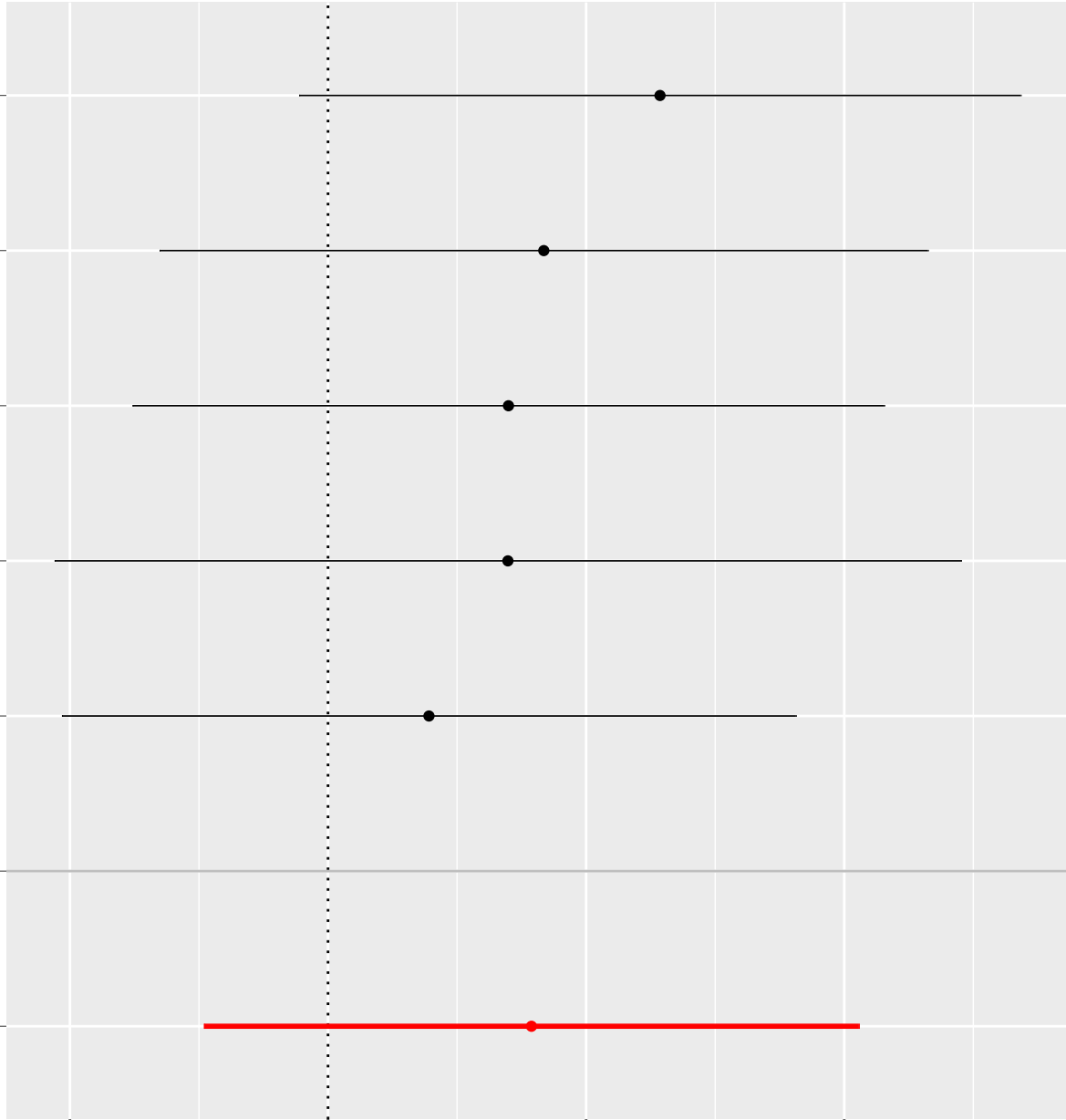
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Beta-hydroxyisovalerate || id:368'



rs693839

rs6728726

rs6857

rs9906944

rs1558902

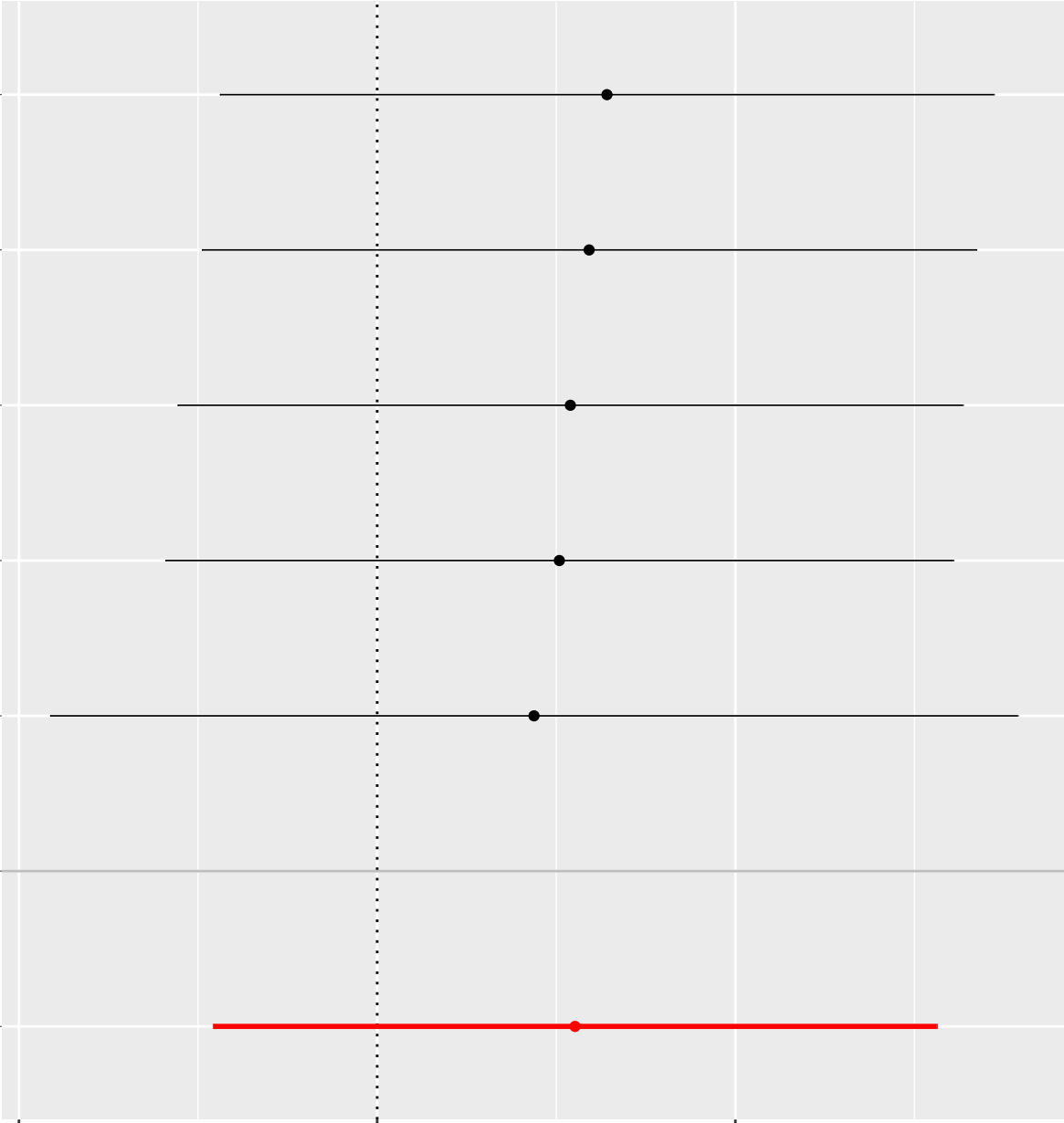
All

-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Taurodeoxycholate || id:369'



rs9906944

rs693839

rs1558902

rs6857

rs6728726

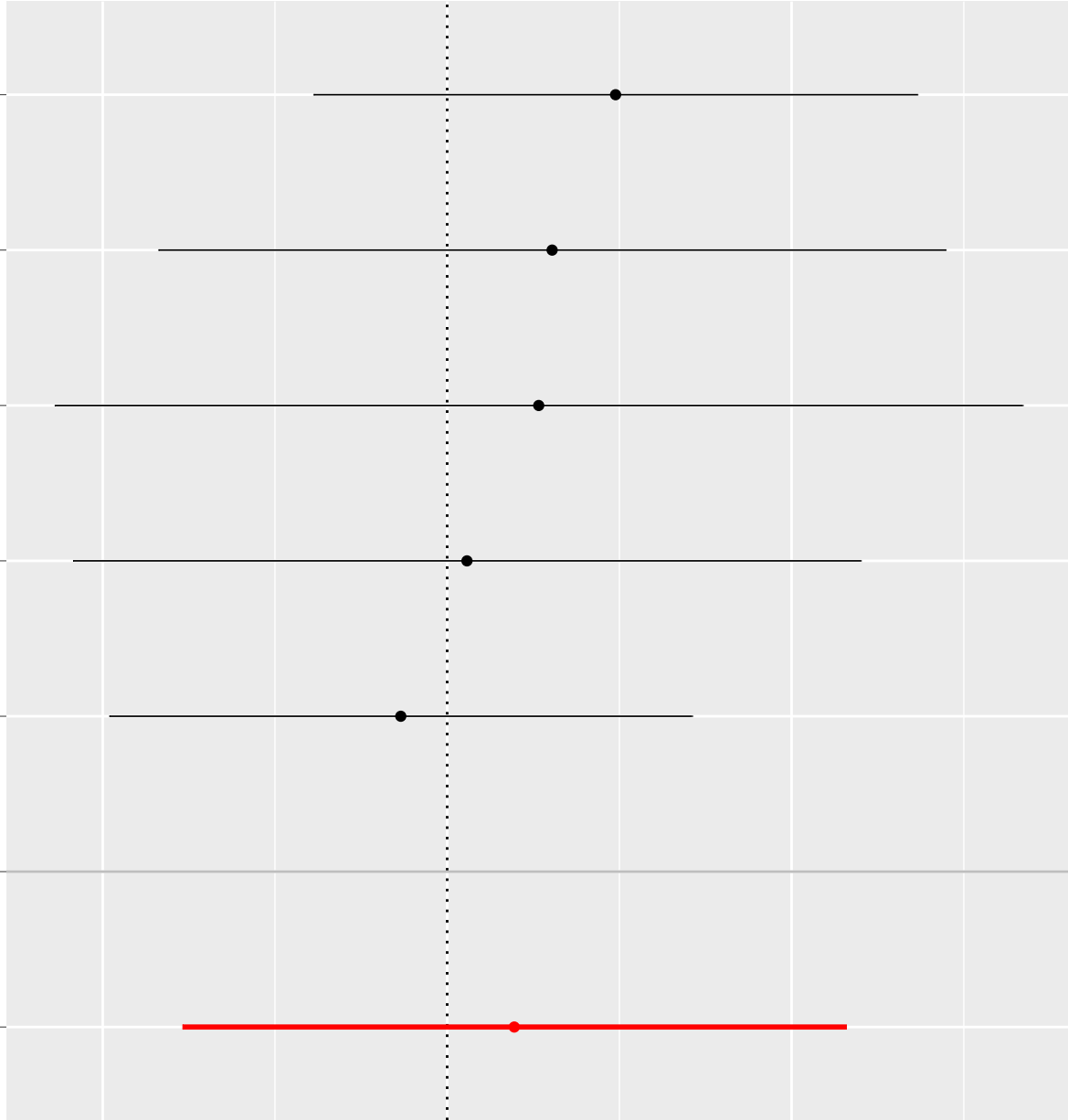
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-02973 || id:370'



rs6728726

rs693839

rs9906944

rs1558902

rs6857

All

-0.05

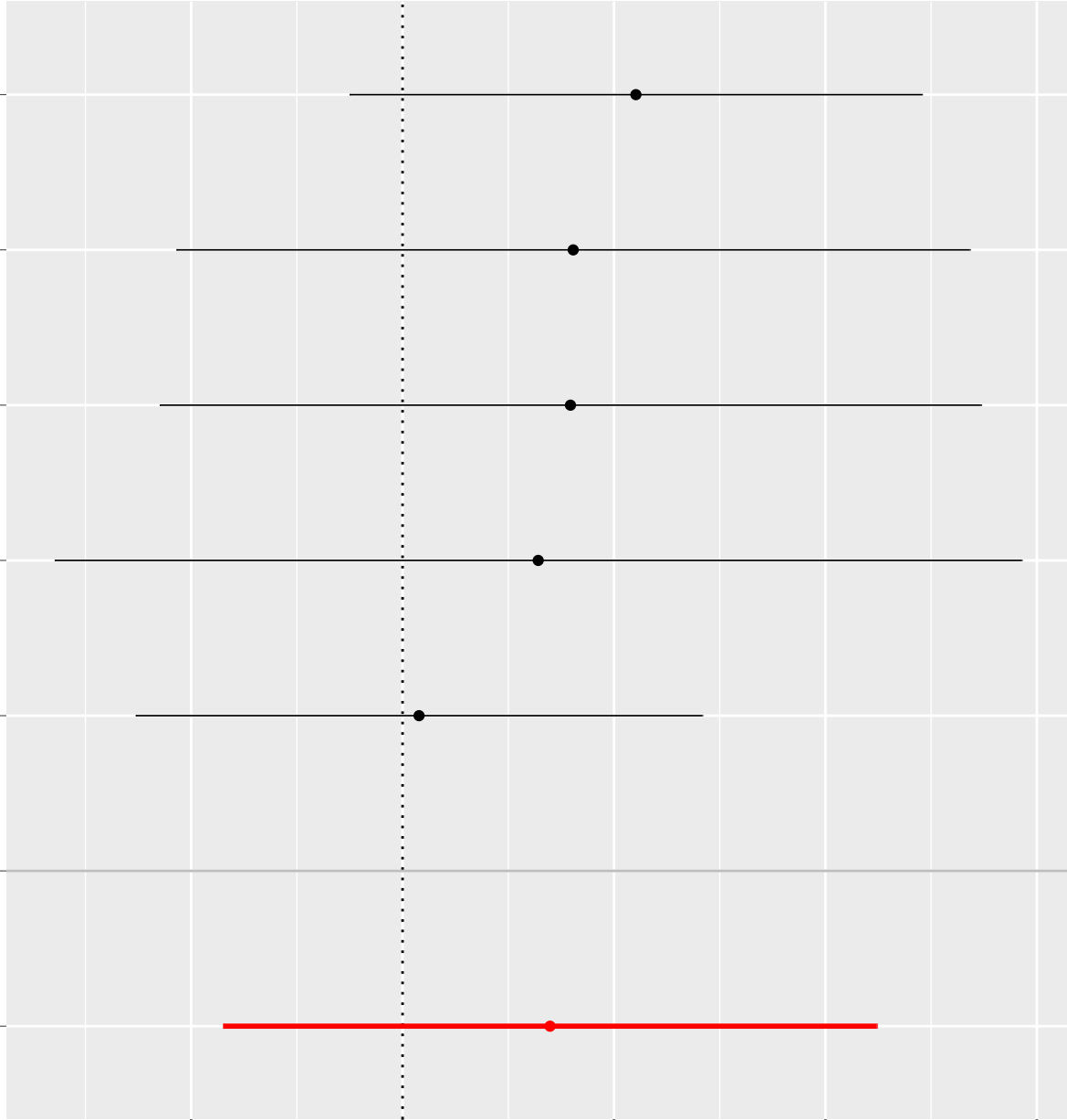
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-03003 || id:371'



rs9906944

rs6728726

rs1558902

rs693839

rs6857

All

-0.10

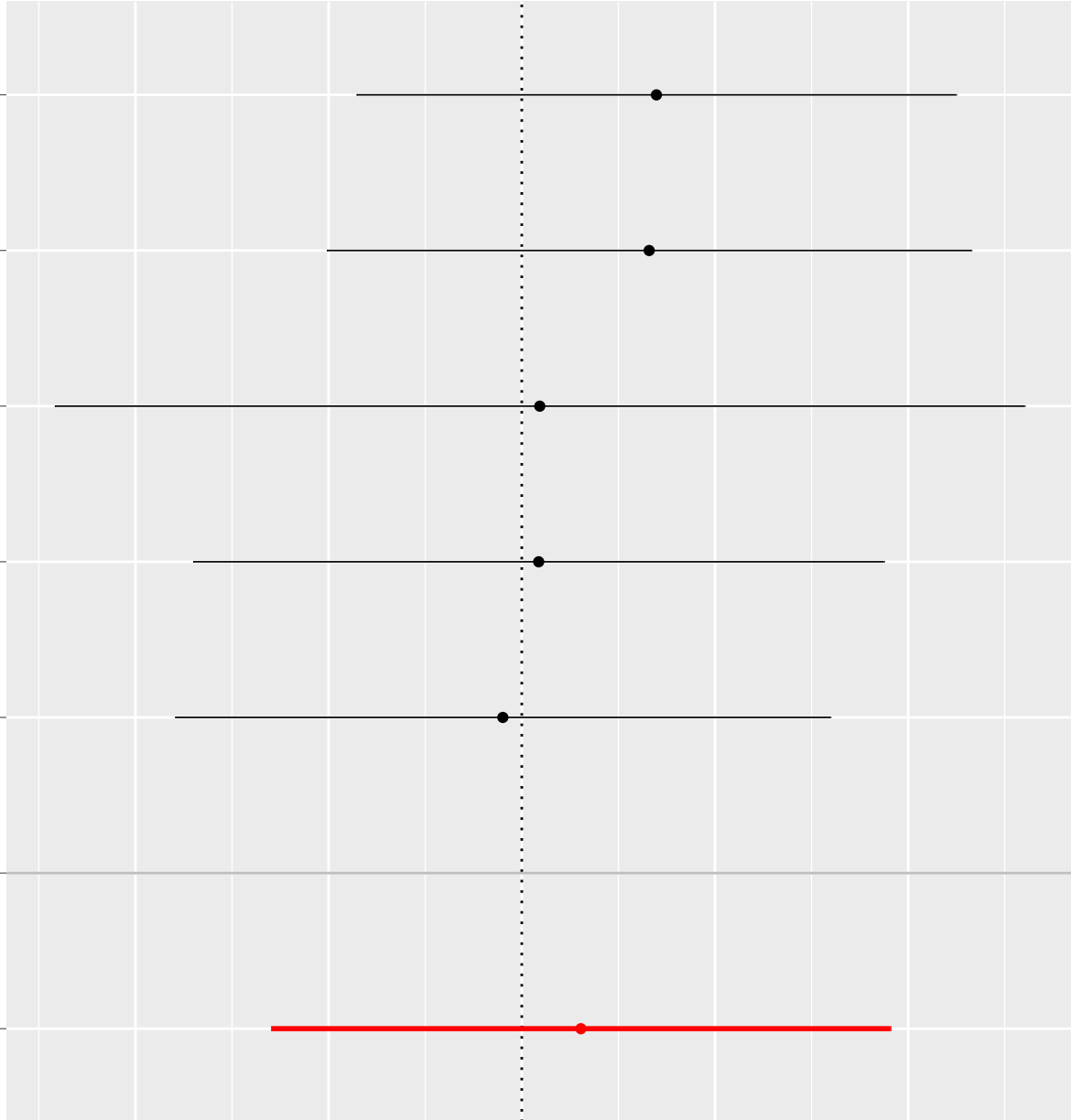
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-03088 || id:372'



rs6728726

rs6857

rs693839

rs9906944

rs1558902

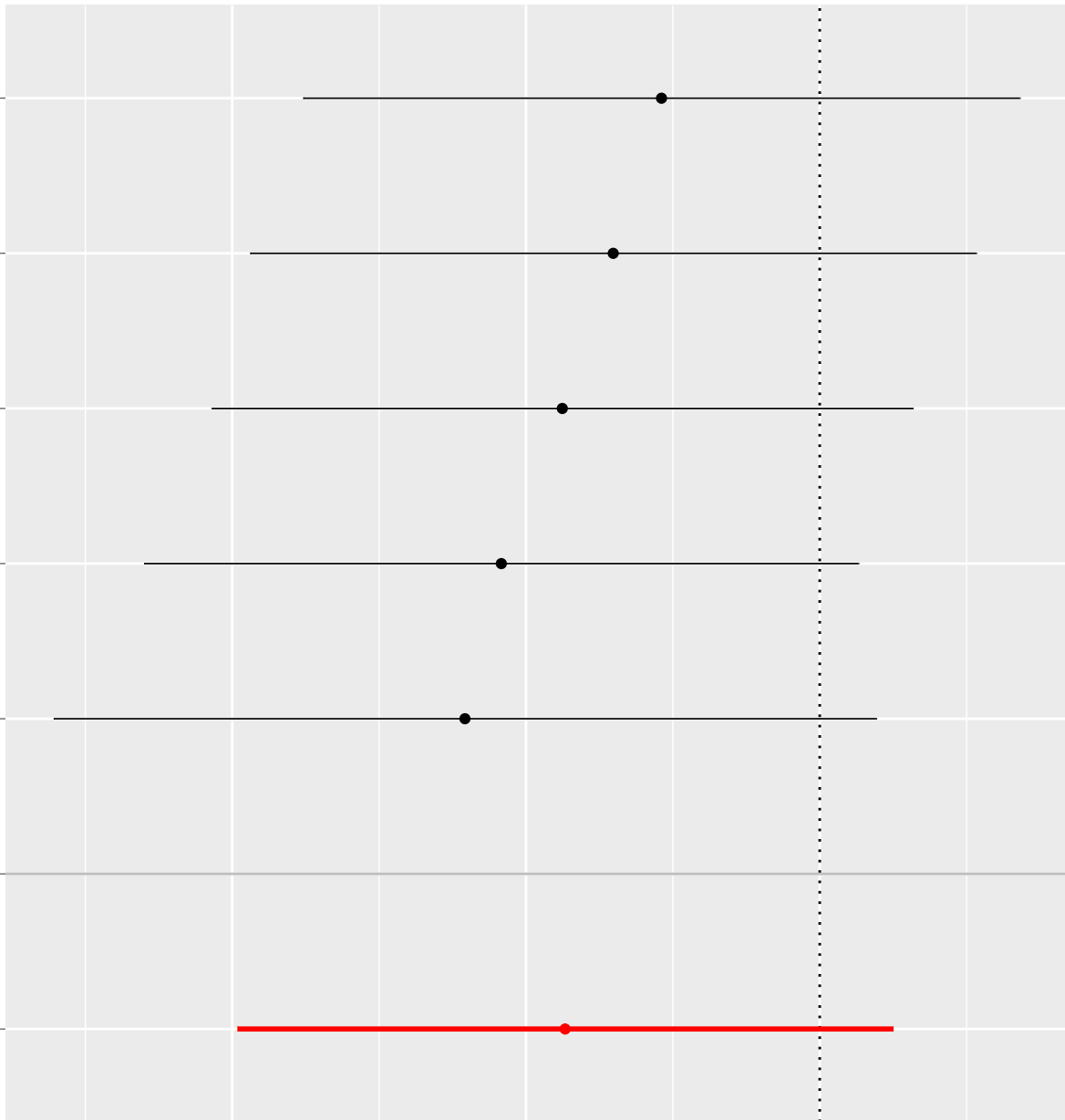
All

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-03094 || id:373'



rs1558902

rs6728726

rs6857

rs693839

rs9906944

All

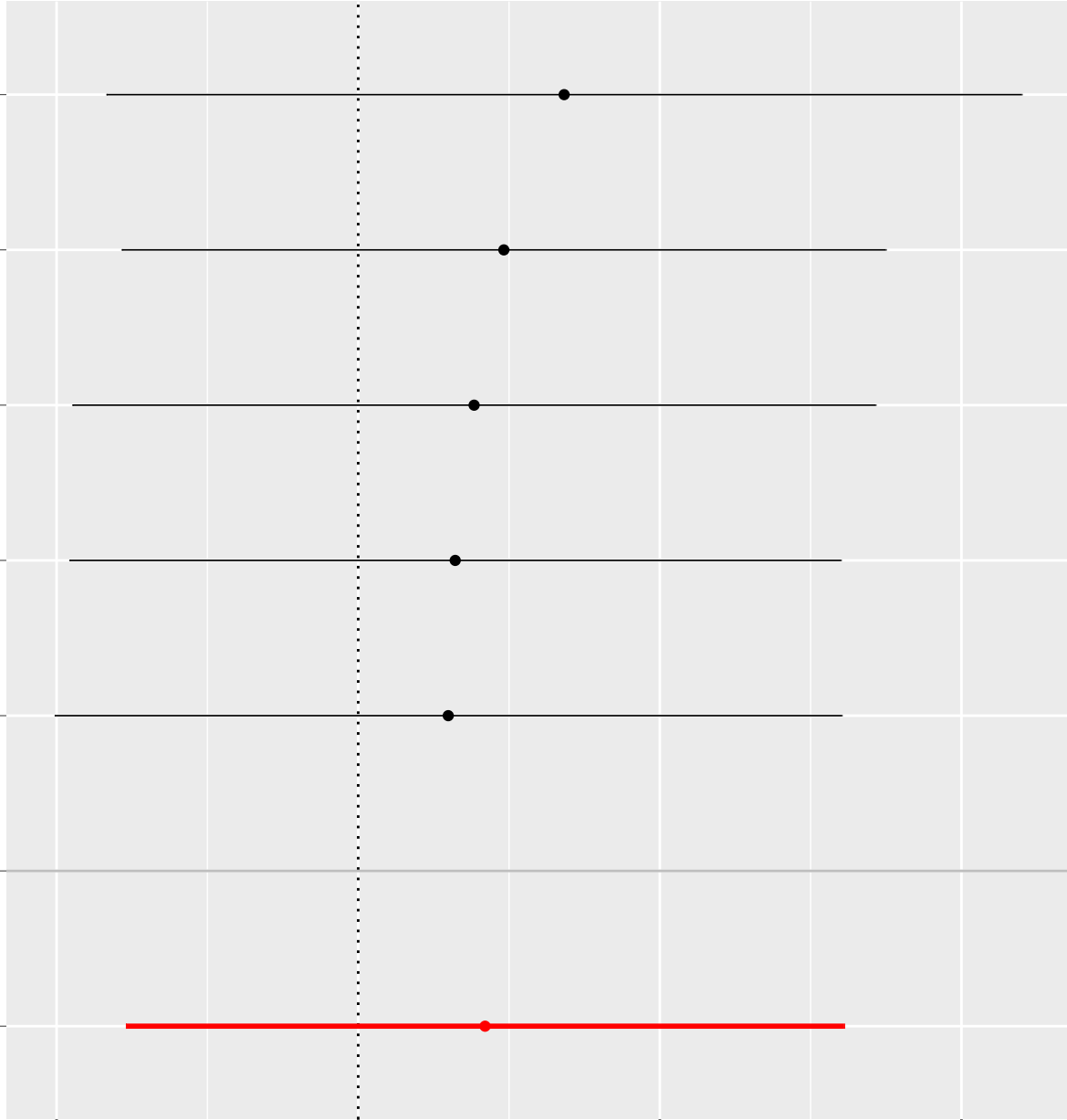
-0.05

0.00

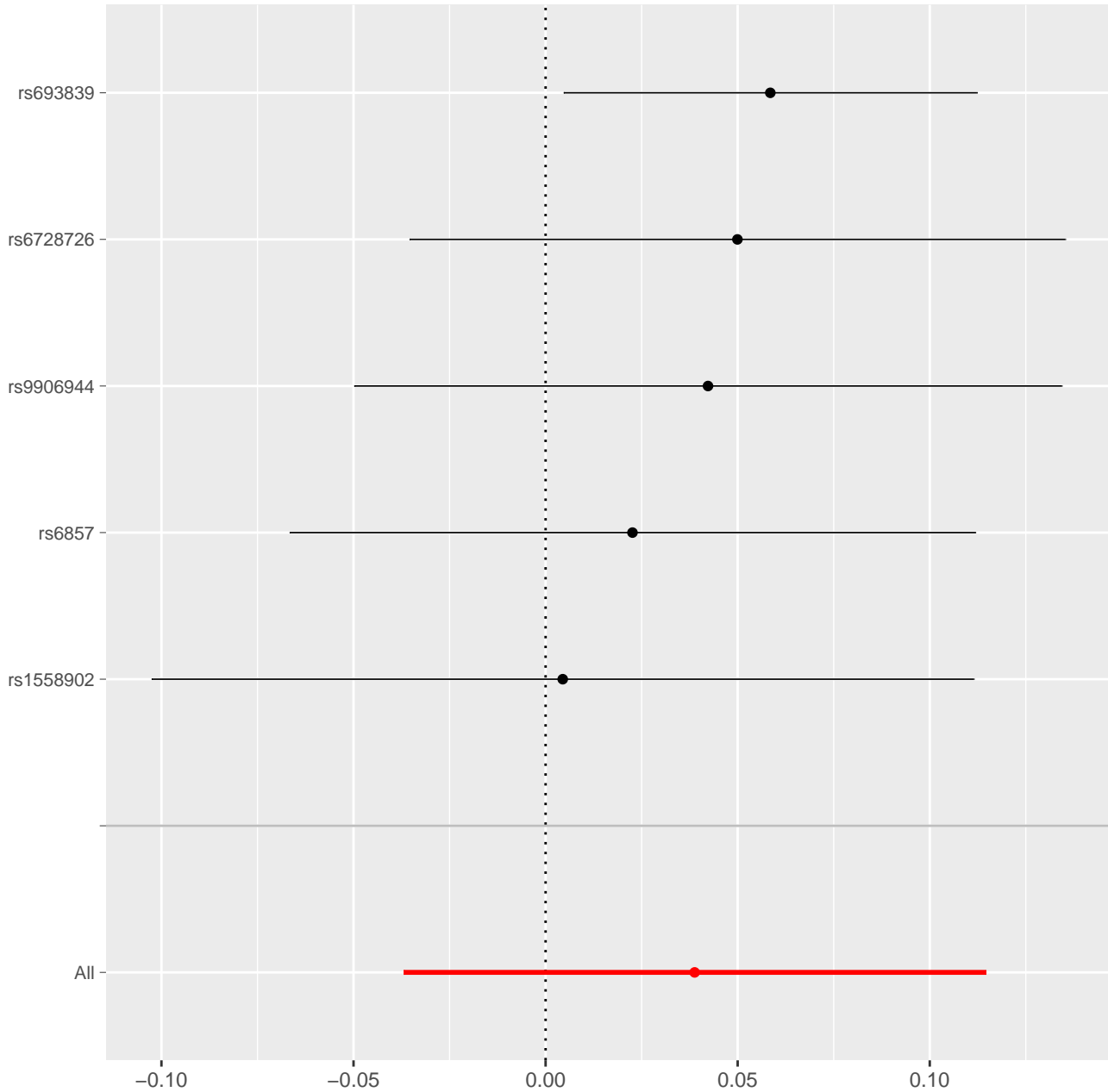
0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycerol || id:374'







rs693839

rs1558902

rs9906944

rs6857

rs6728726

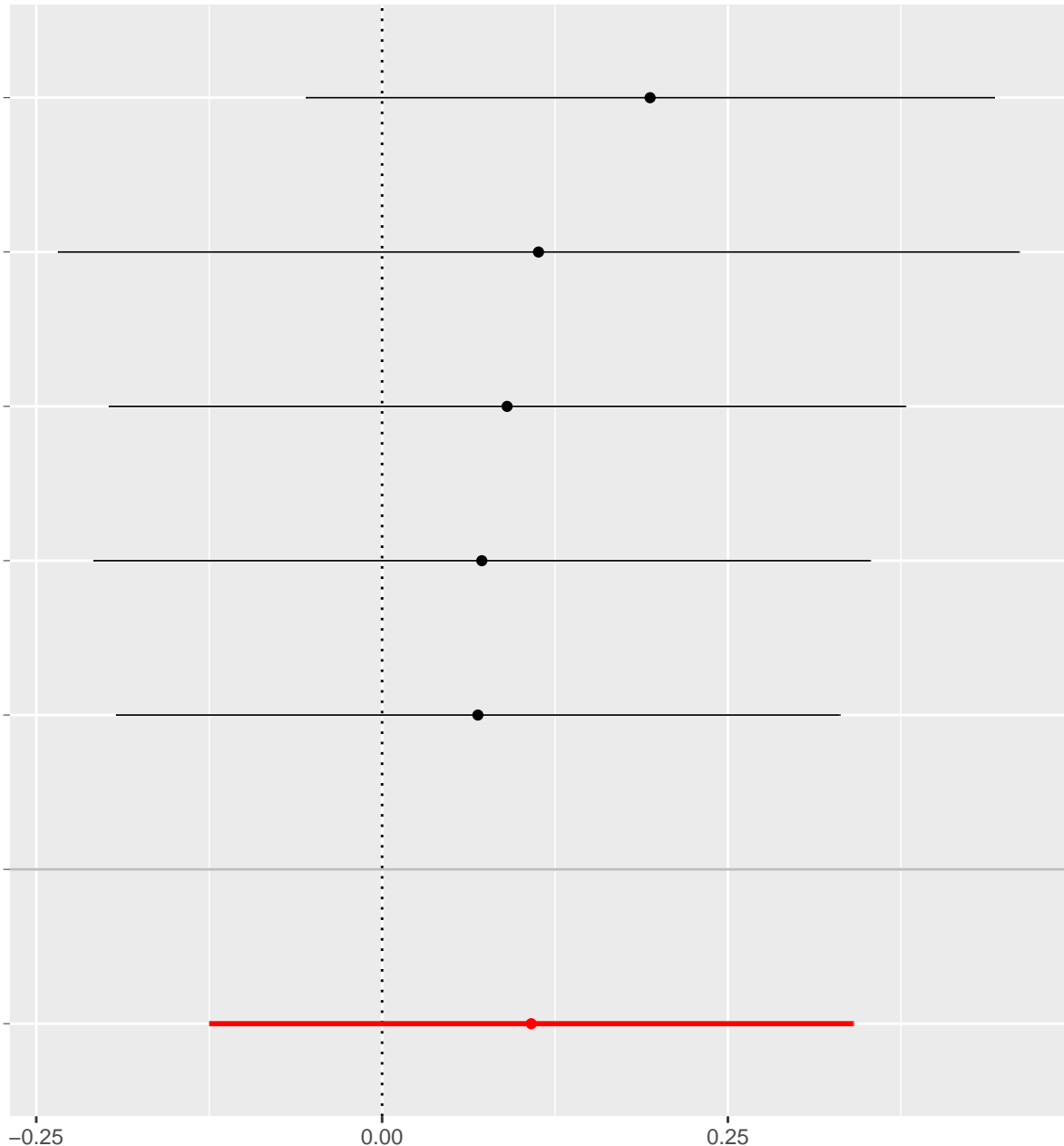
All

-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Mannitol || id:376'



rs6728726

rs693839

rs1558902

rs9906944

rs6857

All

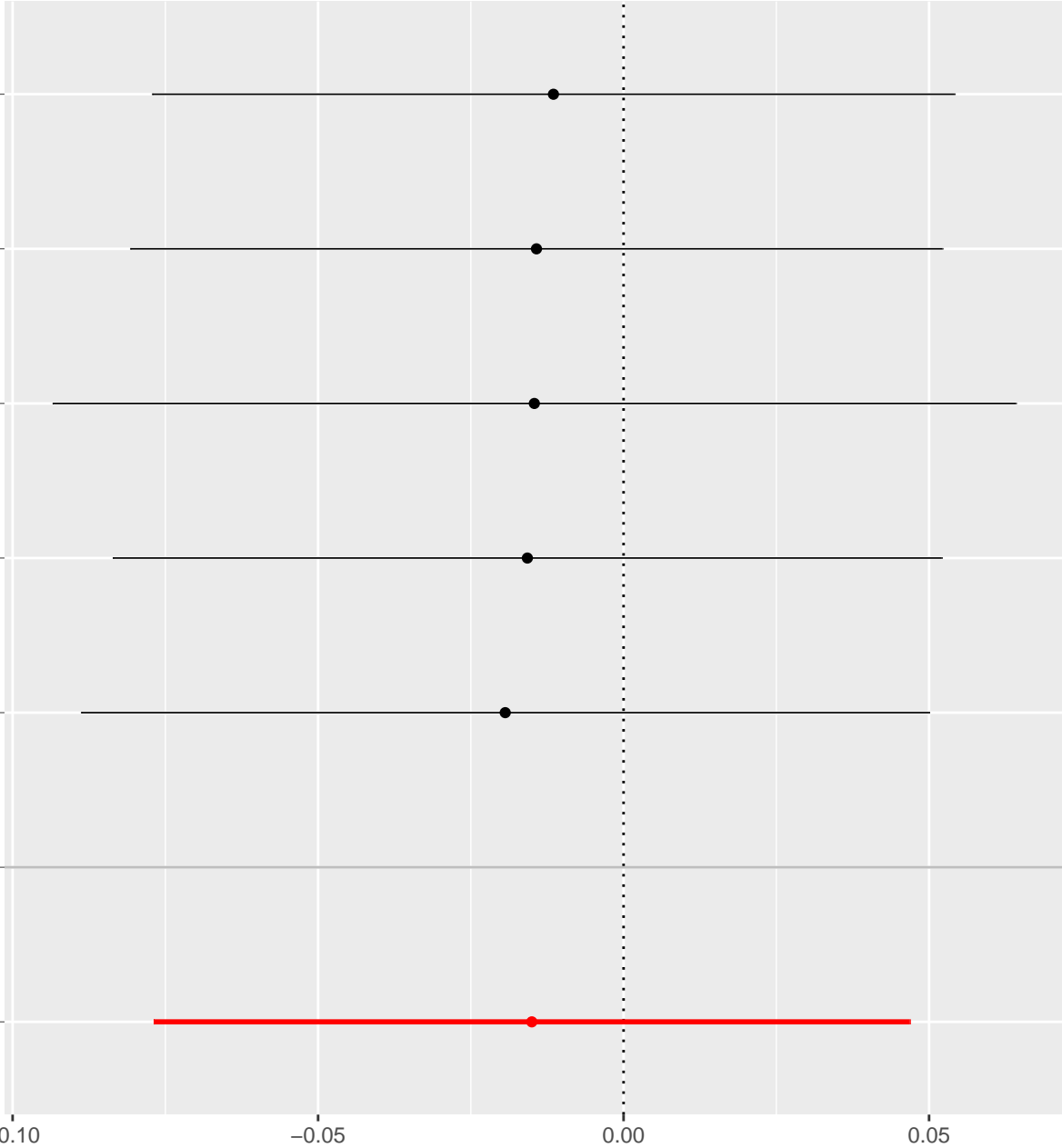
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycerol 3-phosphate (G3P) || id:377'



rs6728726

rs693839

rs6857

rs9906944

rs1558902

All

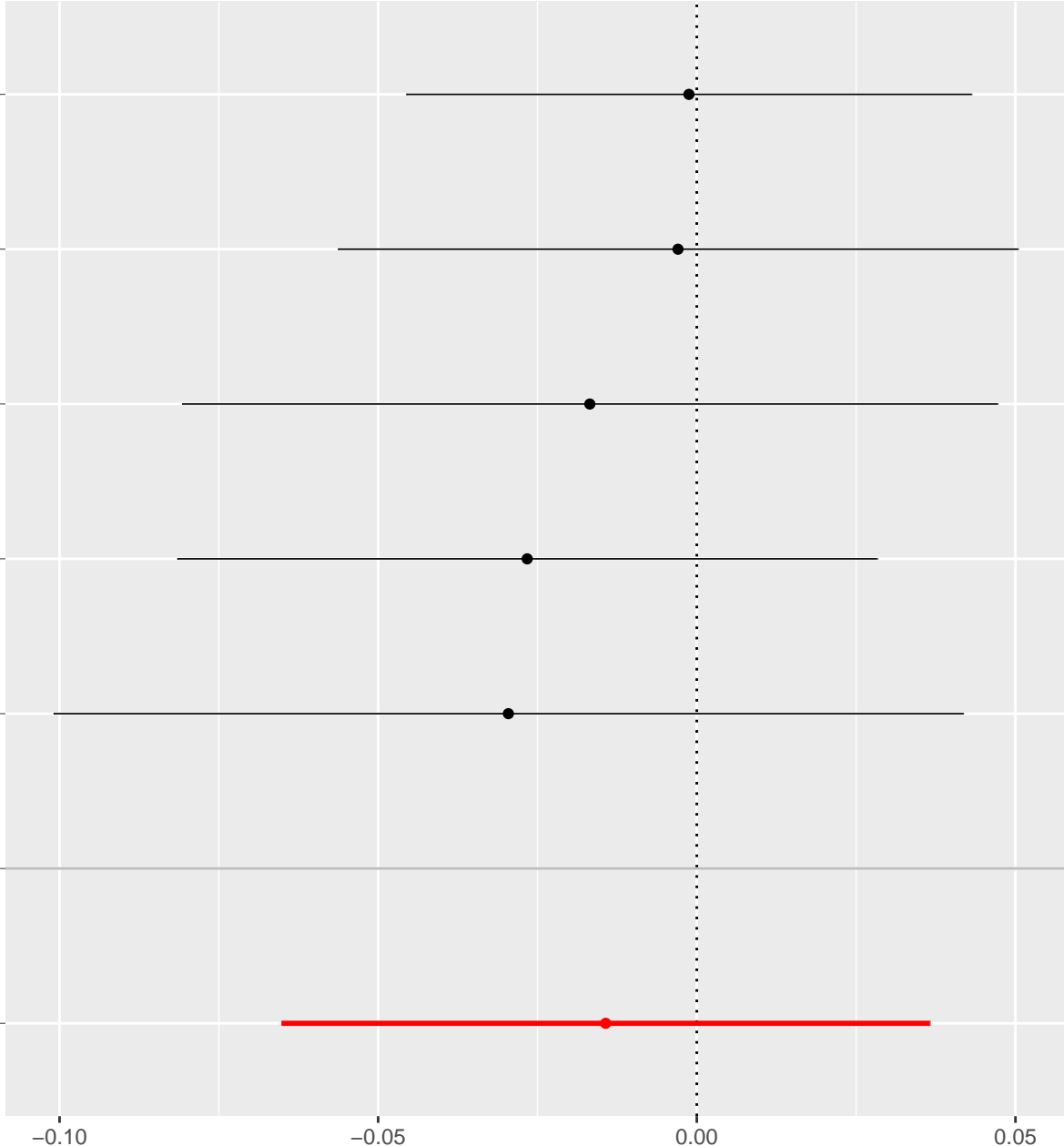
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Acetylphosphate || id:378'



rs6728726

rs693839

rs9906944

rs6857

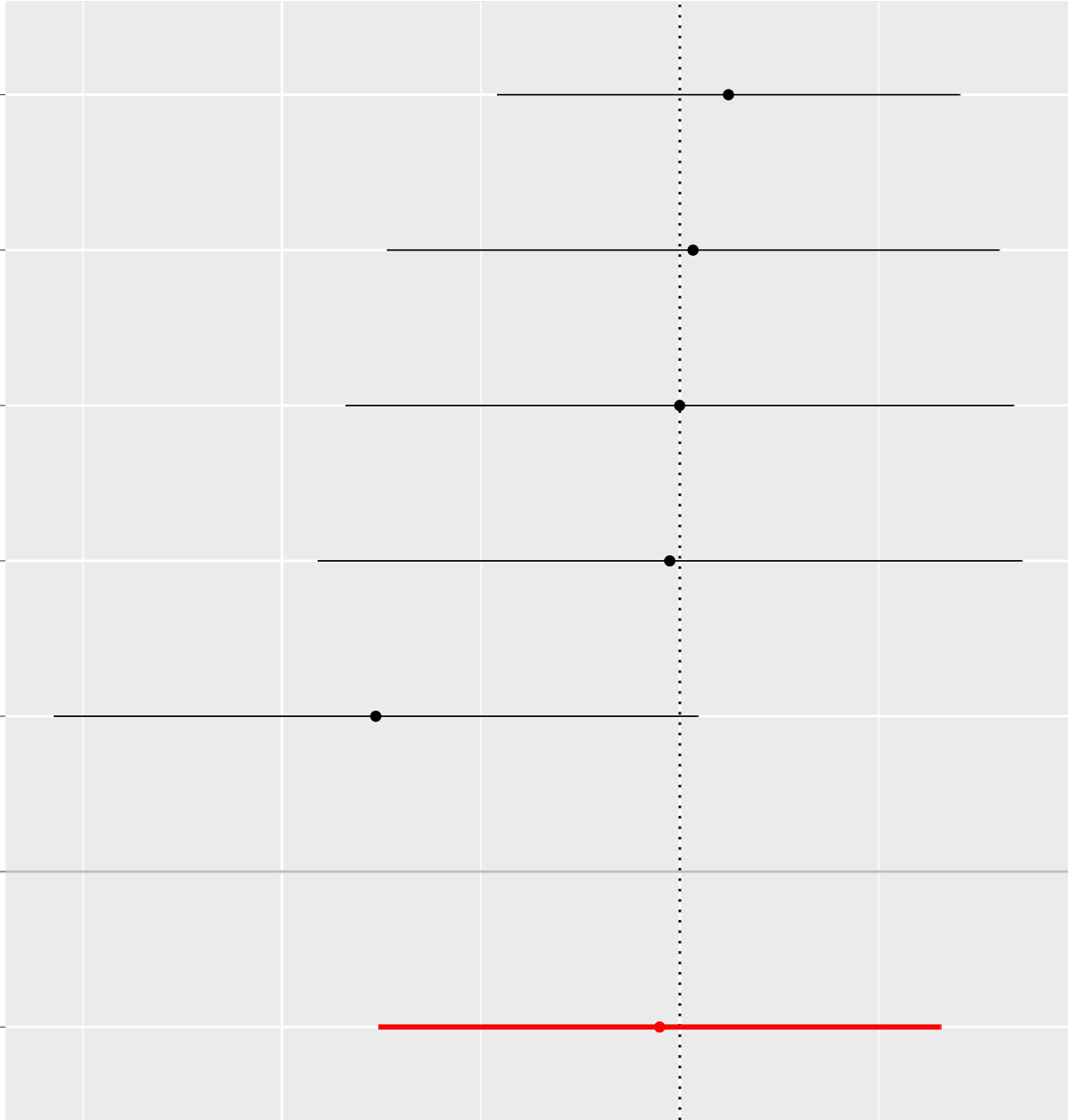
rs1558902

All

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Carnitine || id:379'



rs9906944

rs6857

rs693839

rs6728726

rs1558902

All

-0.050

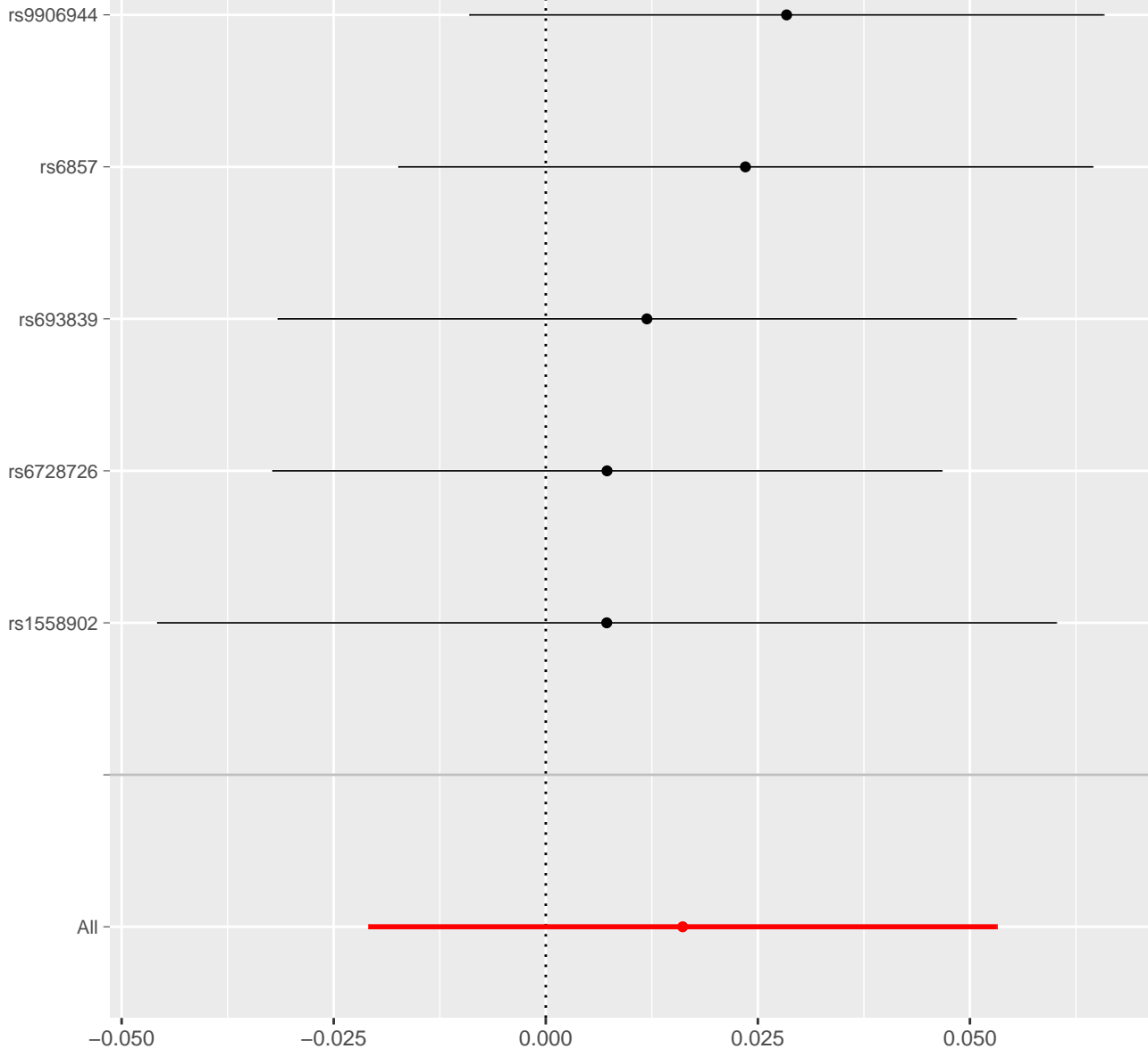
-0.025

0.000

0.025

0.050

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Choline || id:380'



rs9906944

rs6728726

rs1558902

rs693839

rs6857

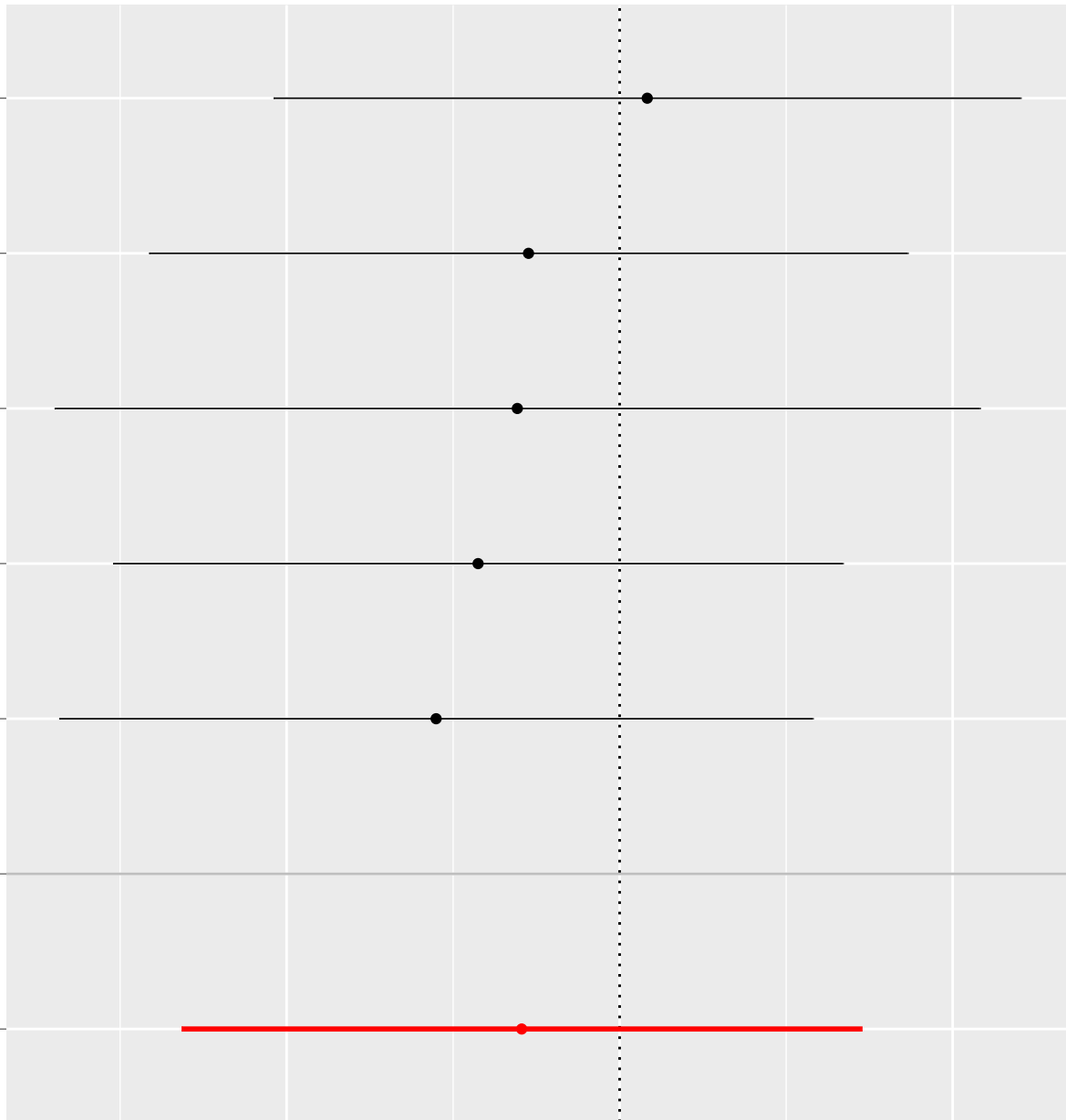
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'N-acetylmethionine || id:381'



rs6728726

rs9906944

rs693839

rs6857

rs1558902

All

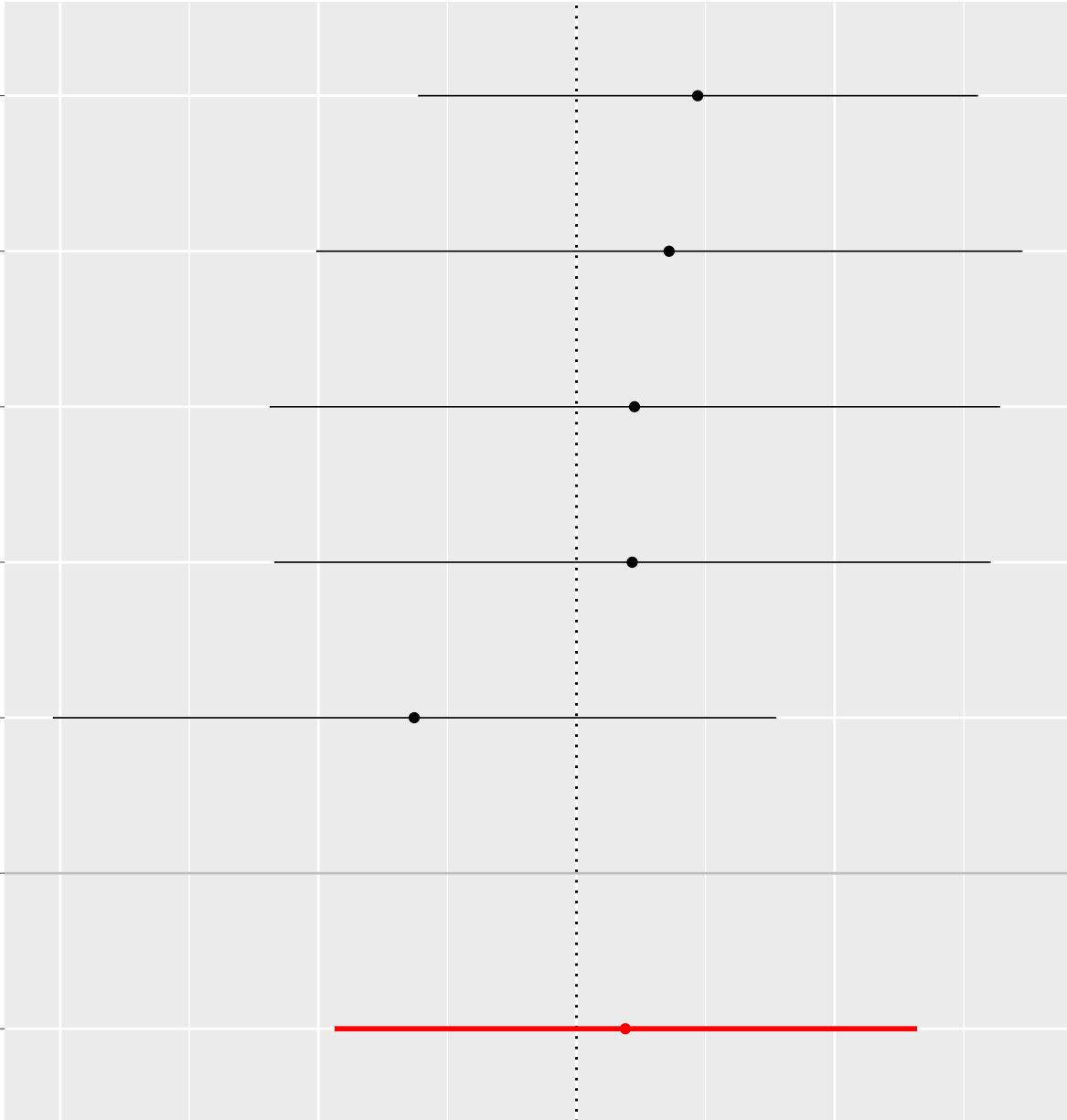
-0.06

-0.03

0.00

0.03

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'N1-methyladenosine || id:382'





rs6728726

rs9906944

rs693839

rs6857

rs1558902

All

-0.15

-0.10

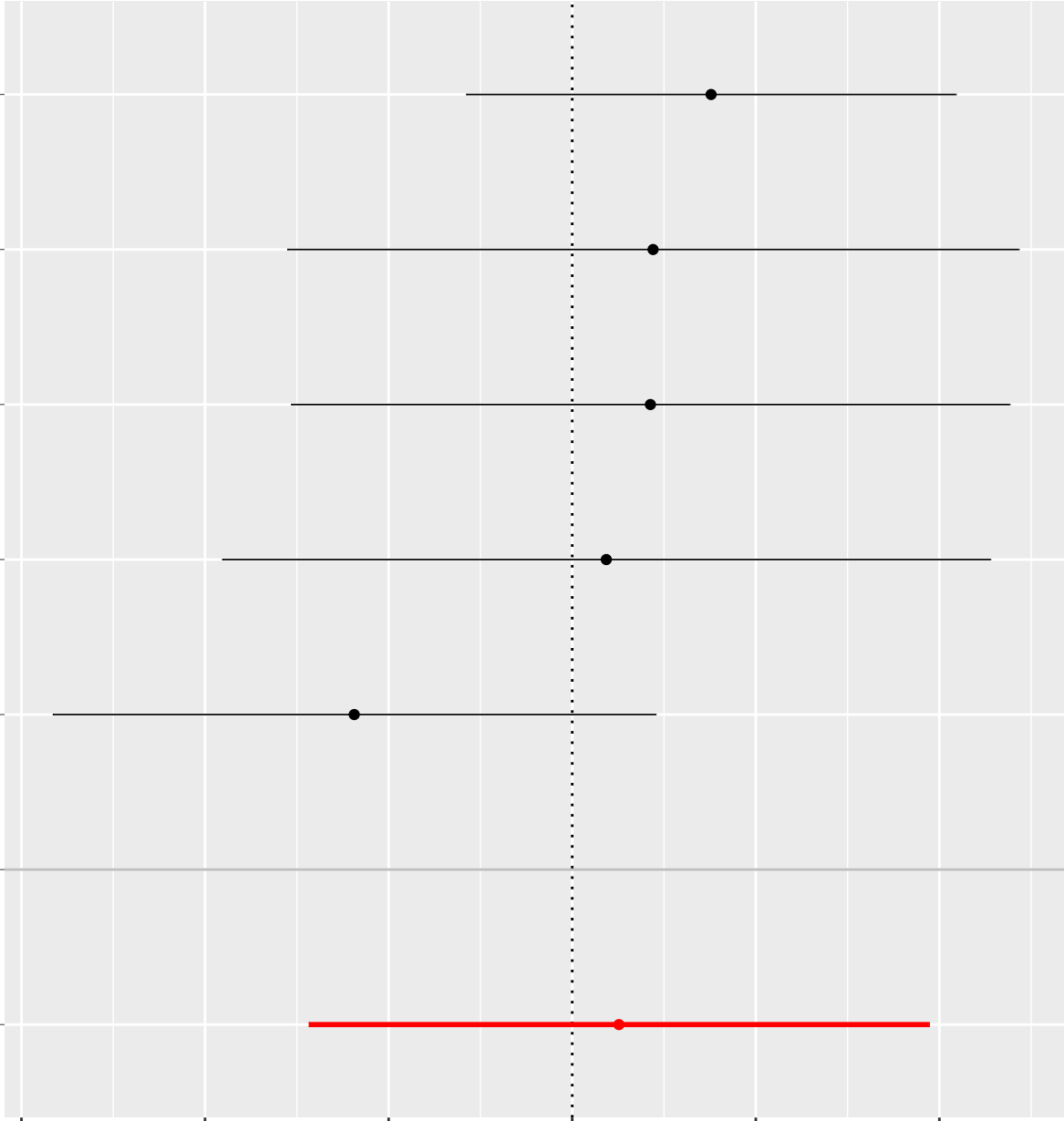
-0.05

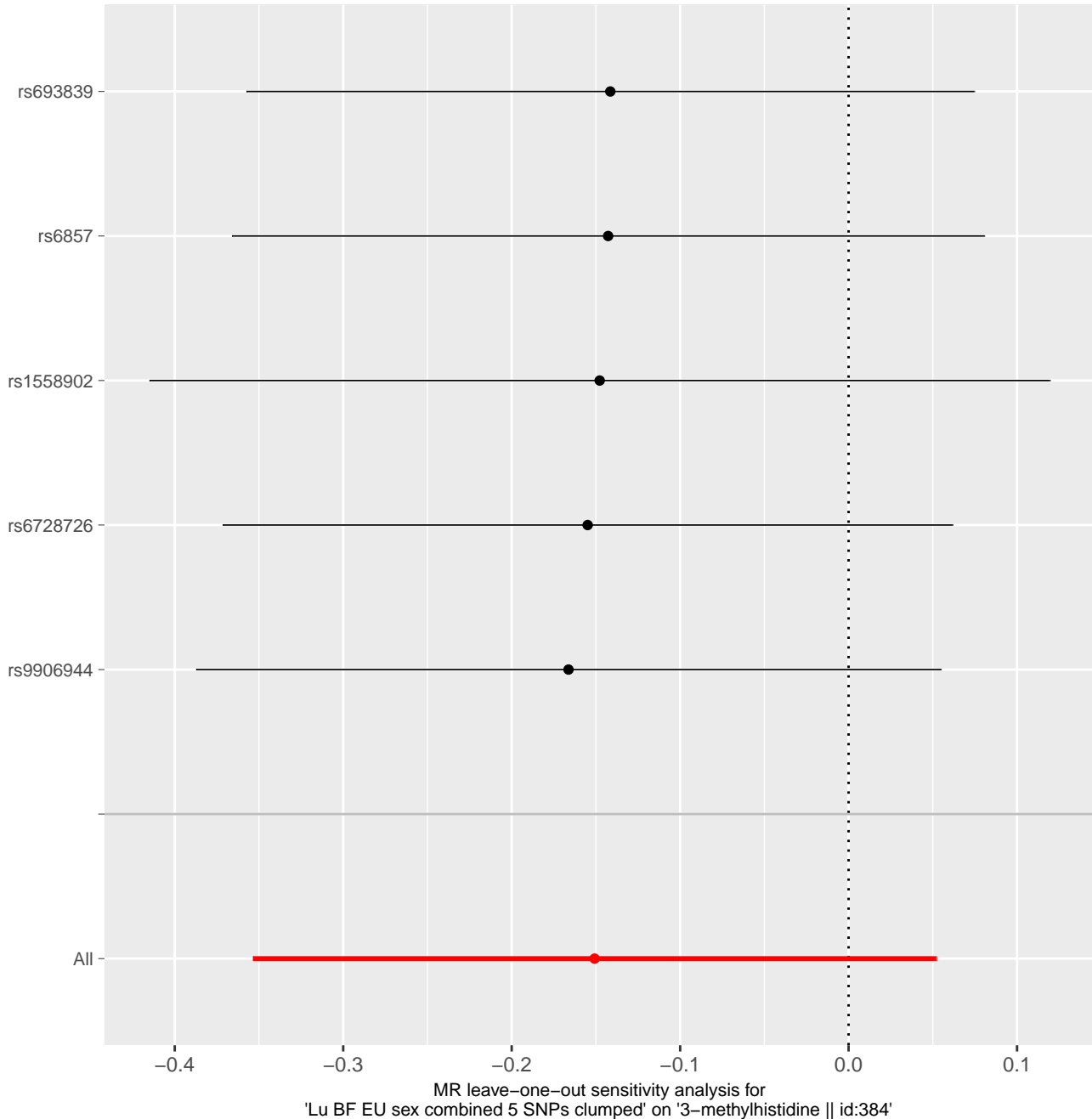
0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '3-methyl-2-oxovalerate || id:383'





rs6728726

rs1558902

rs9906944

rs693839

rs6857

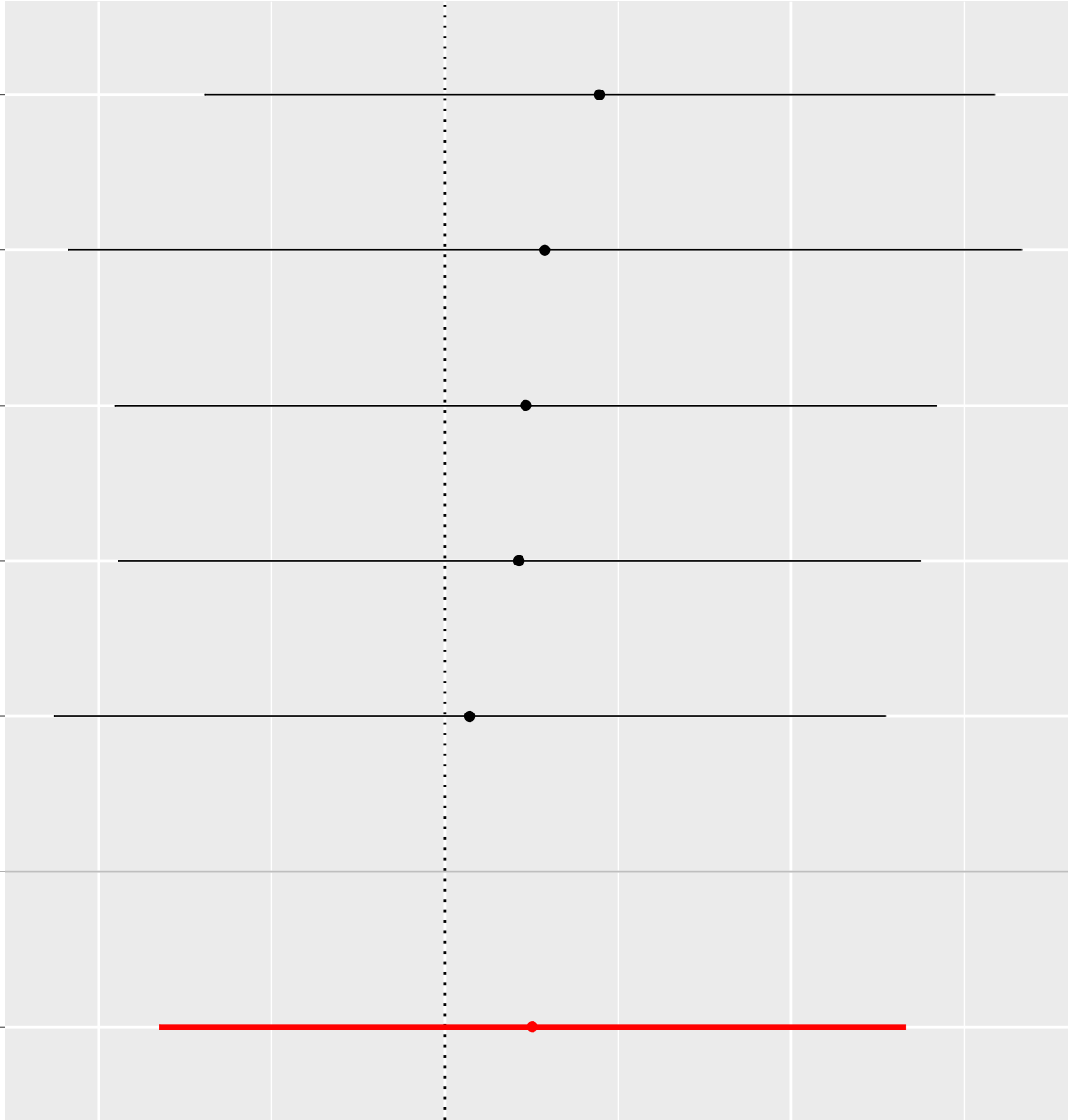
All

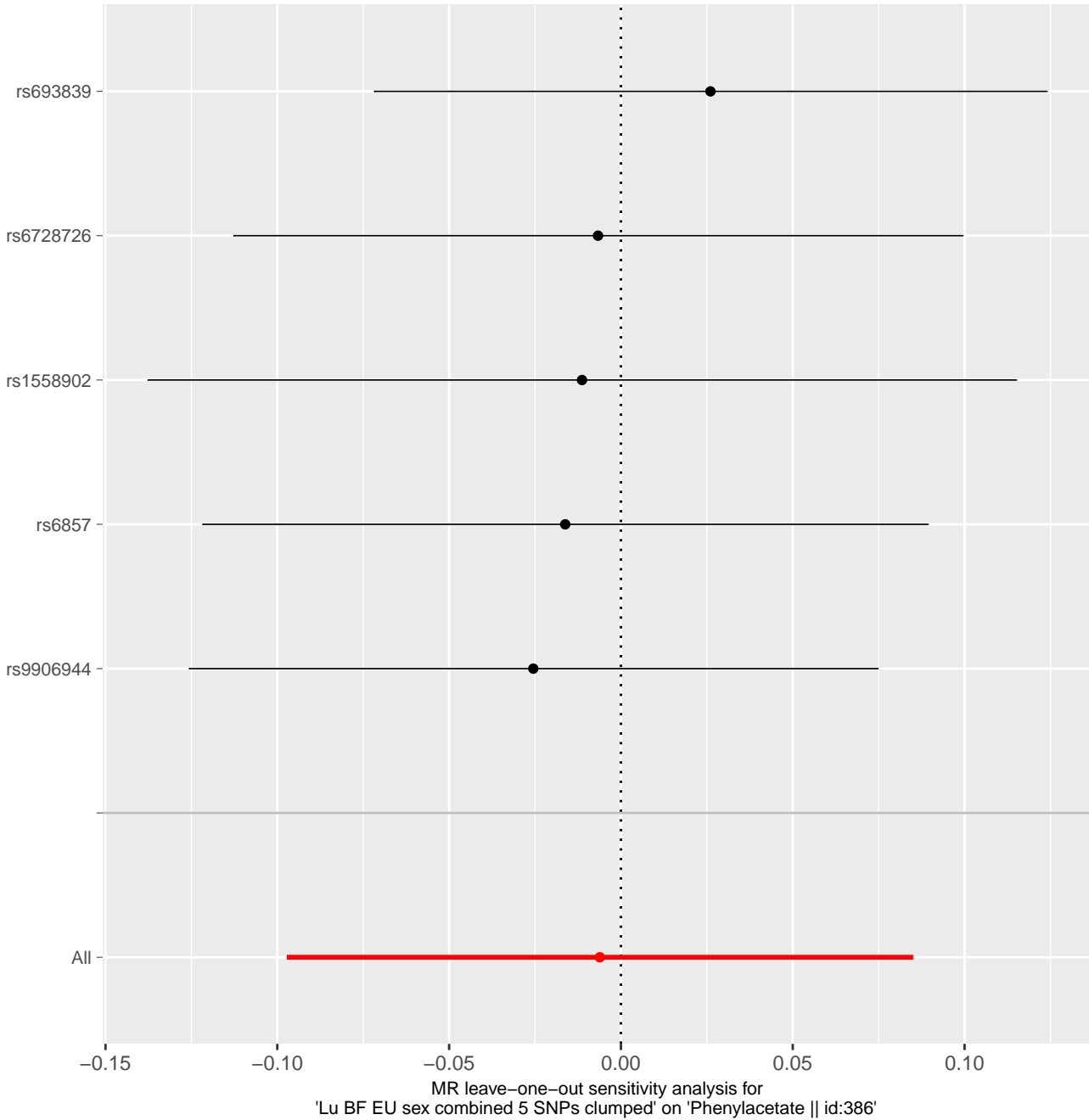
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '3-phenylpropionate (hydrocinnamate) || id:385'





rs9906944

rs693839

rs6857

rs6728726

rs1558902

All

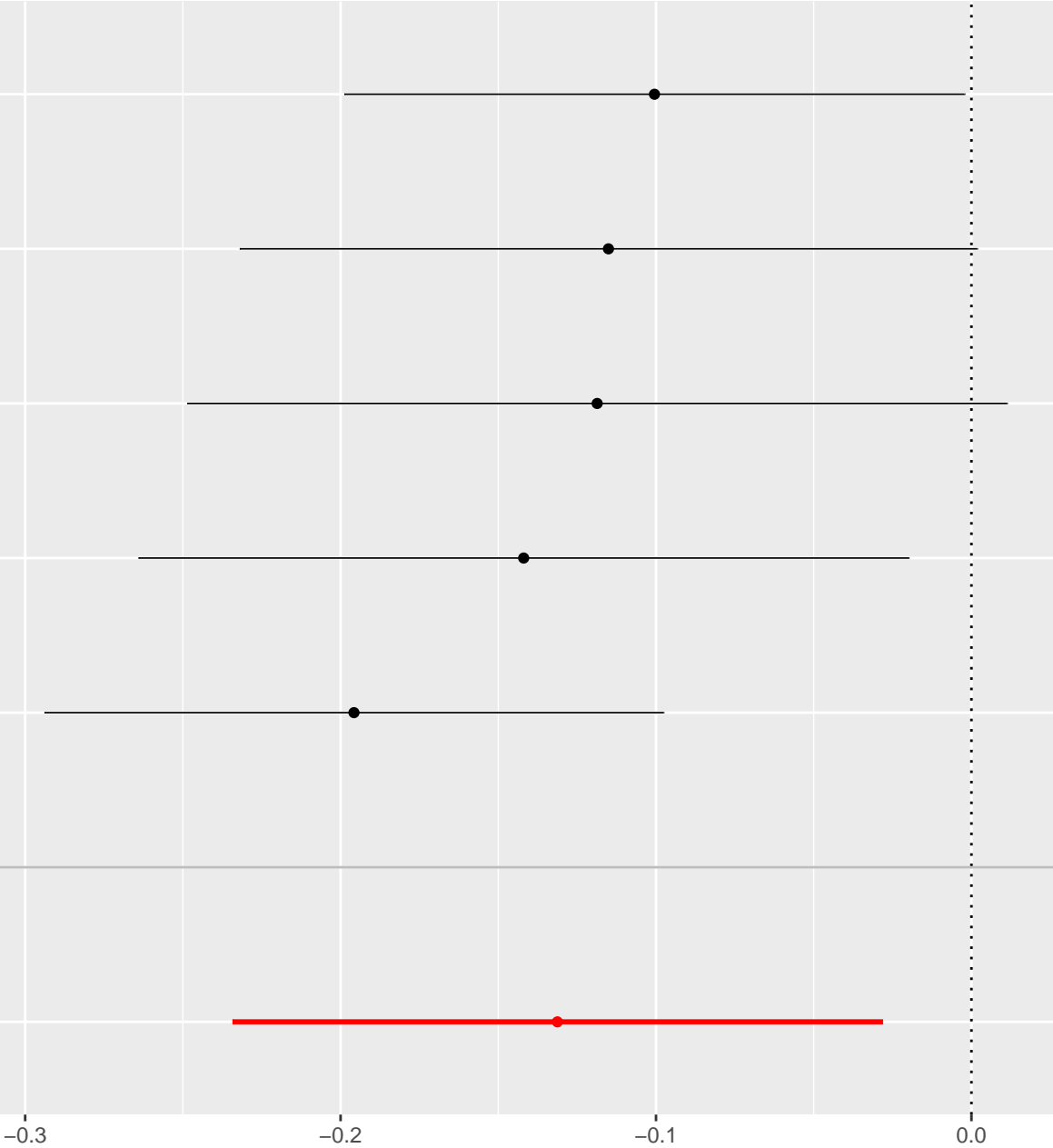
-0.3

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycerophosphorylcholine (GPC) || id:387'



rs1558902

rs693839

rs6857

rs6728726

rs9906944

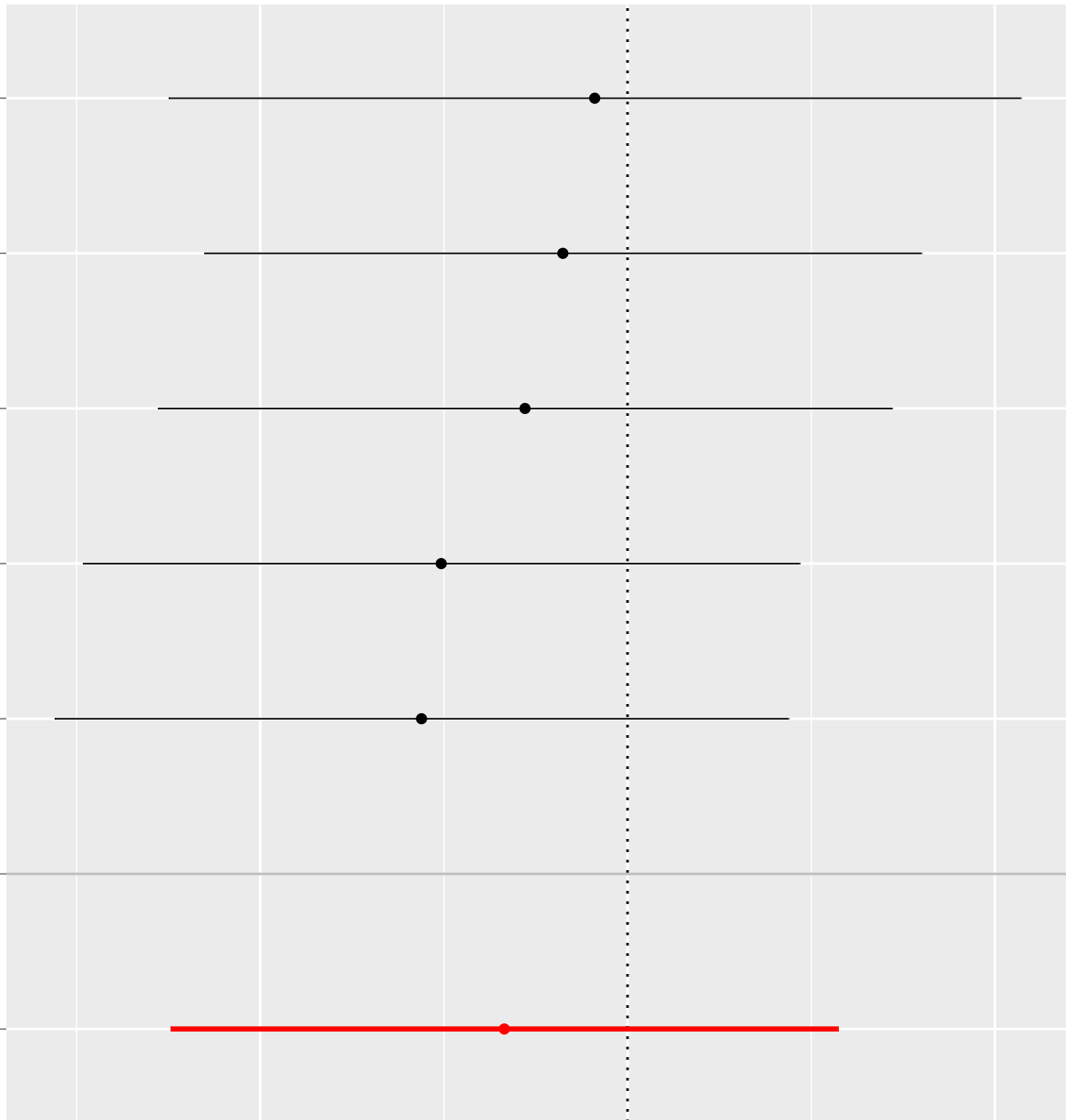
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Aspartate || id:388'



rs1558902

rs6728726

rs9906944

rs693839

rs6857

All

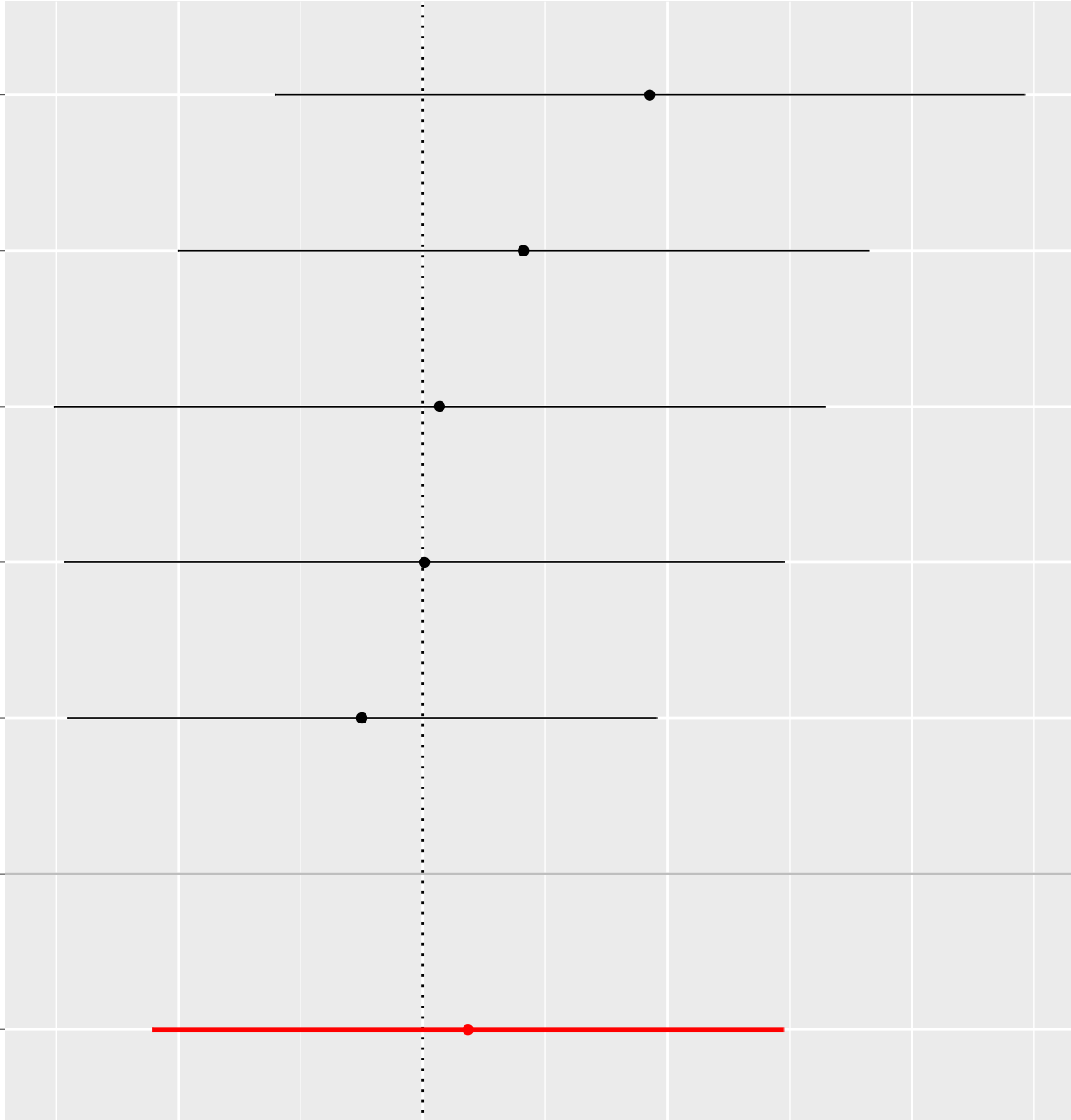
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-04357 || id:389'



rs1558902

rs6728726

rs693839

rs9906944

rs6857

All

-0.10

-0.05

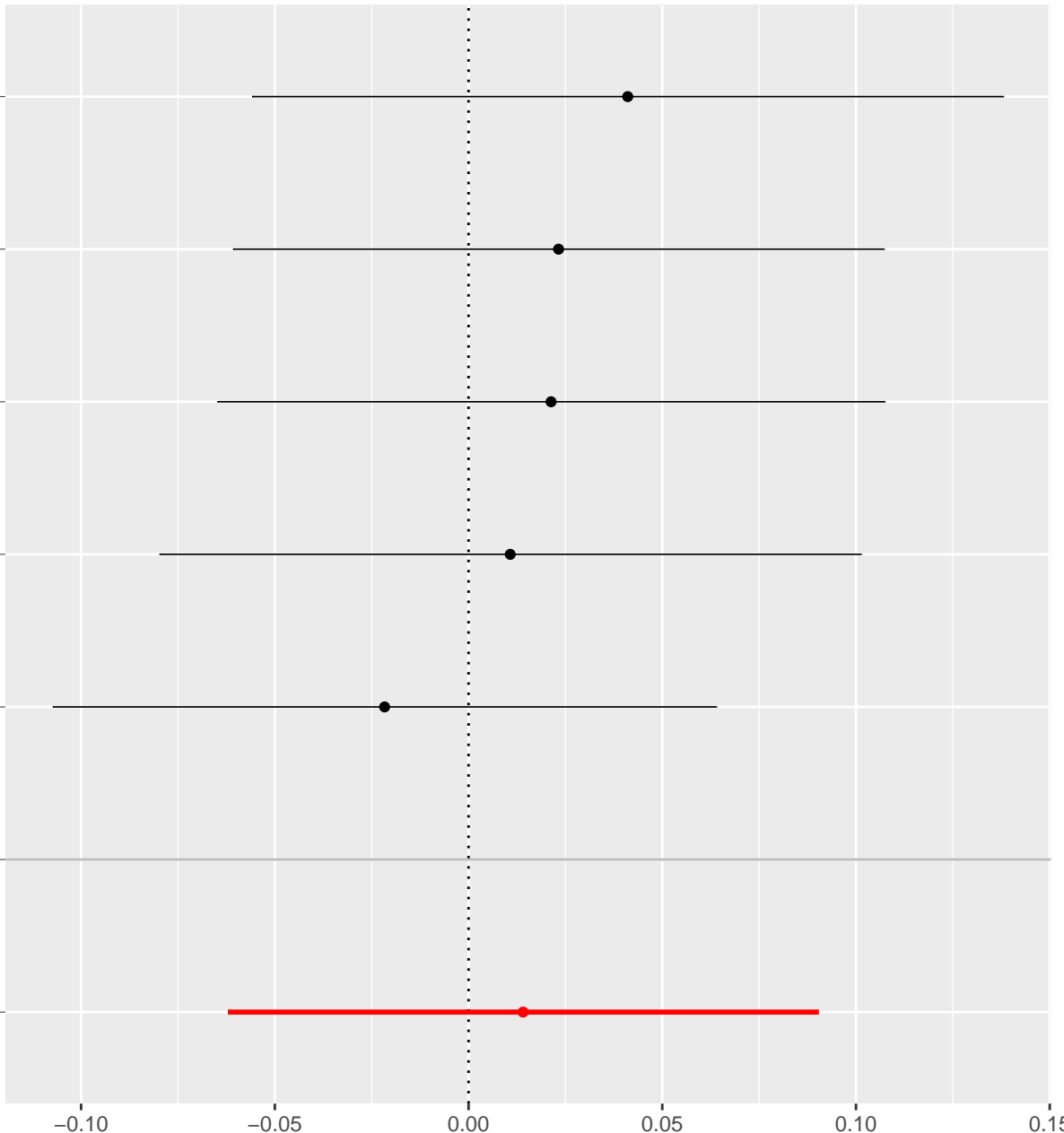
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-04494 || id:390'





rs1558902

rs693839

rs6728726

rs9906944

rs6857

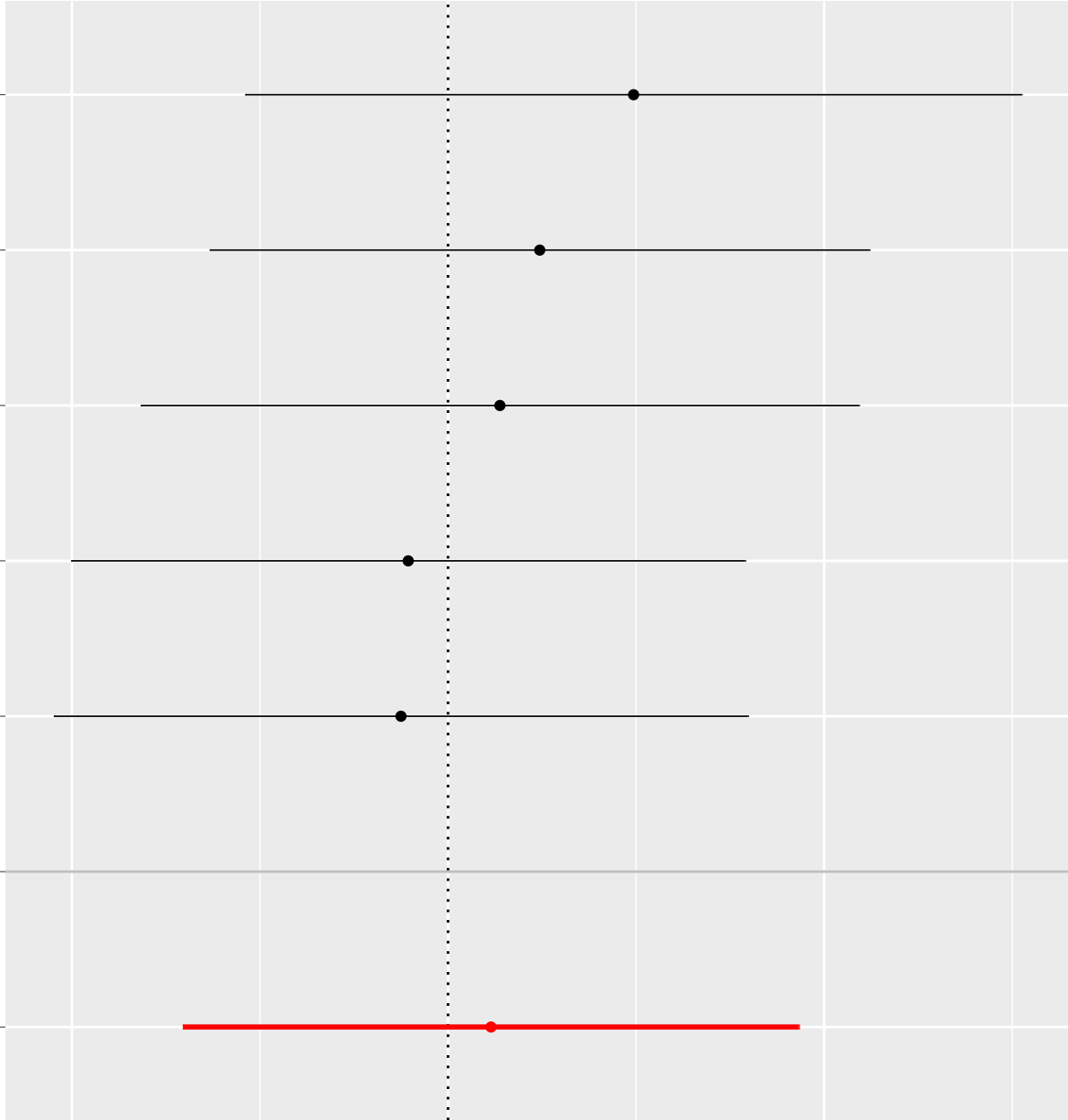
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-04495 || id:391'



rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

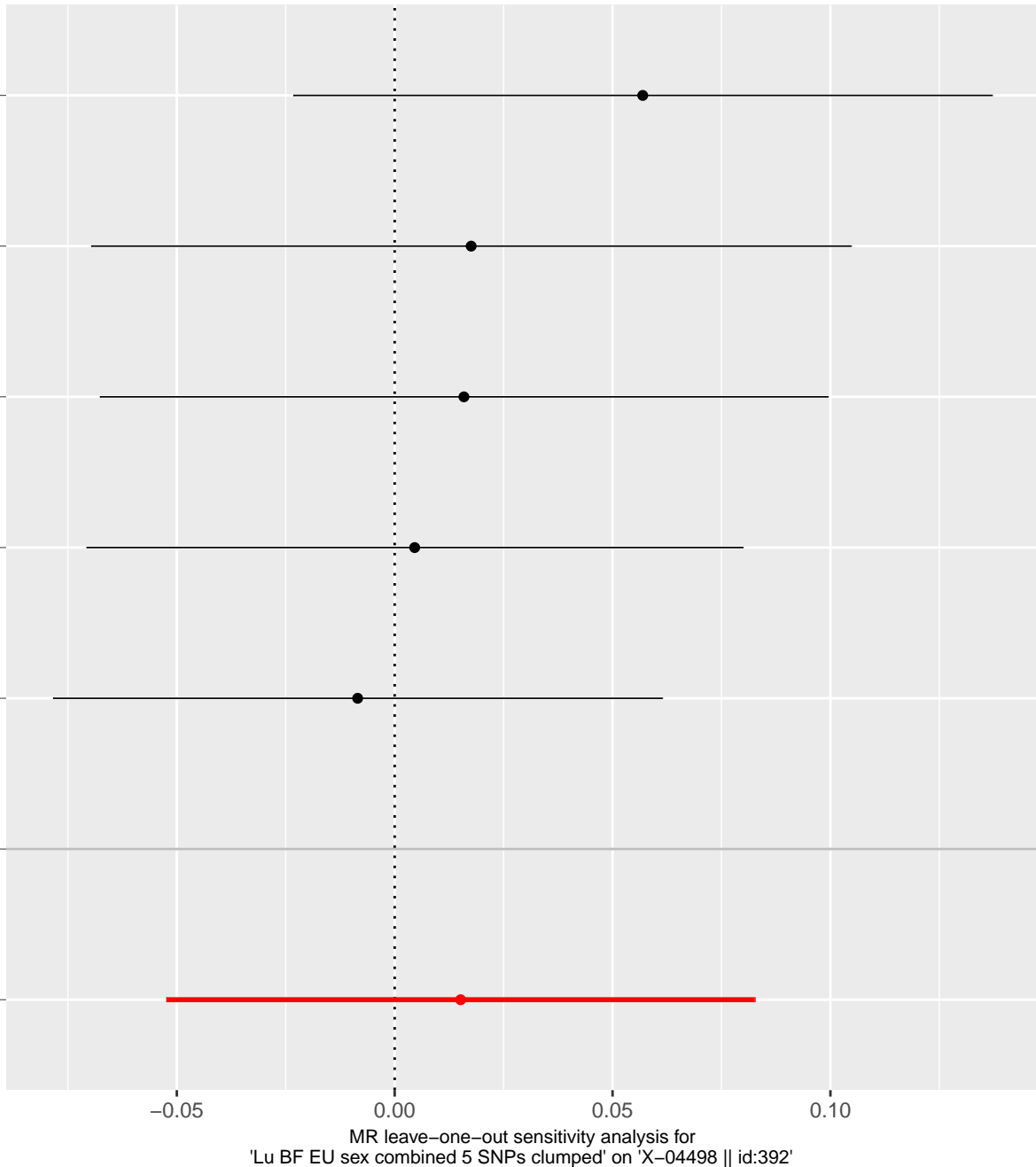
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-04498 || id:392'



rs693839

rs6728726

rs6857

rs9906944

rs1558902

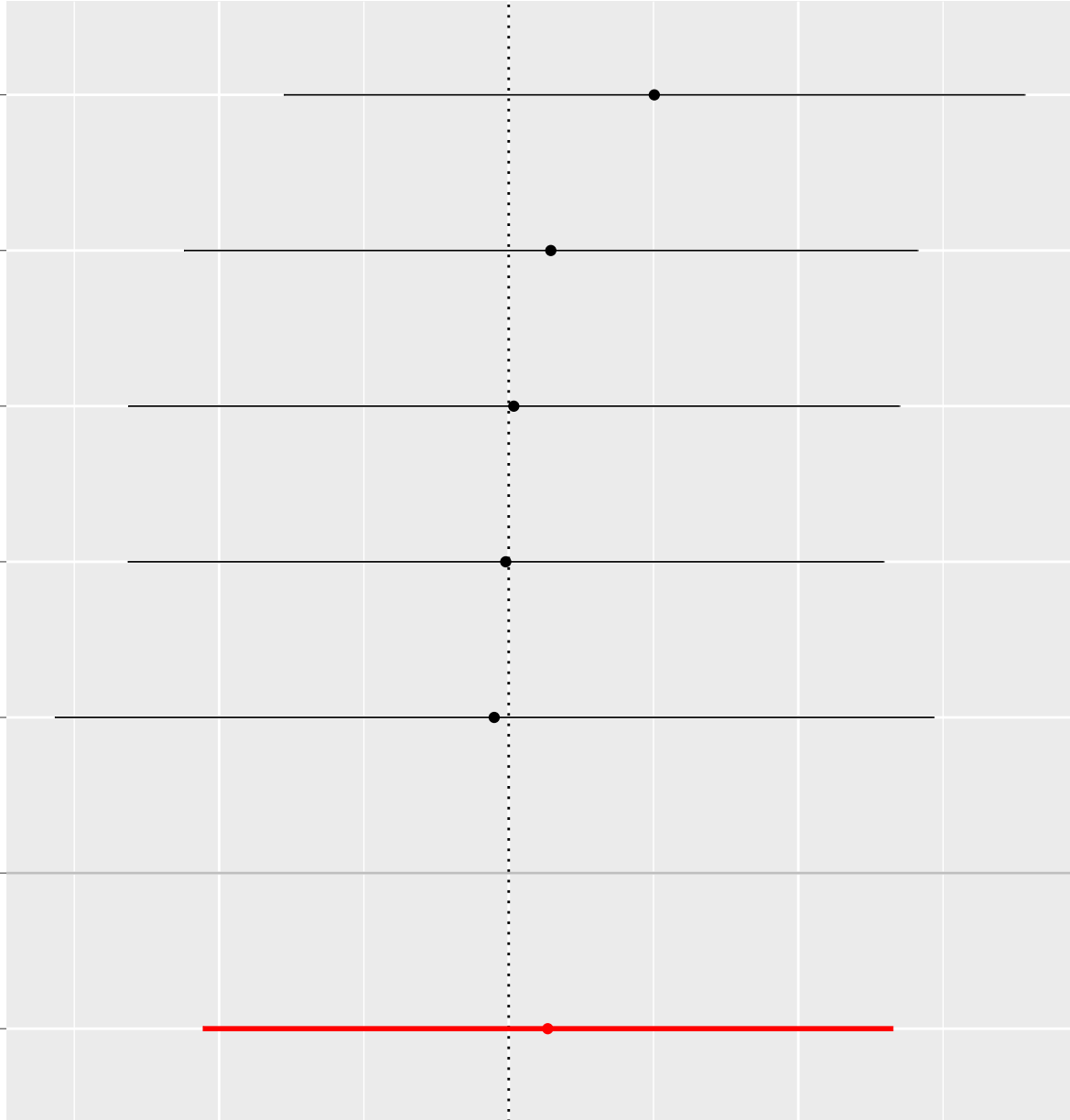
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-04499—3,4-dihydroxybutyrate || id:393'



rs693839

rs6728726

rs1558902

rs9906944

rs6857

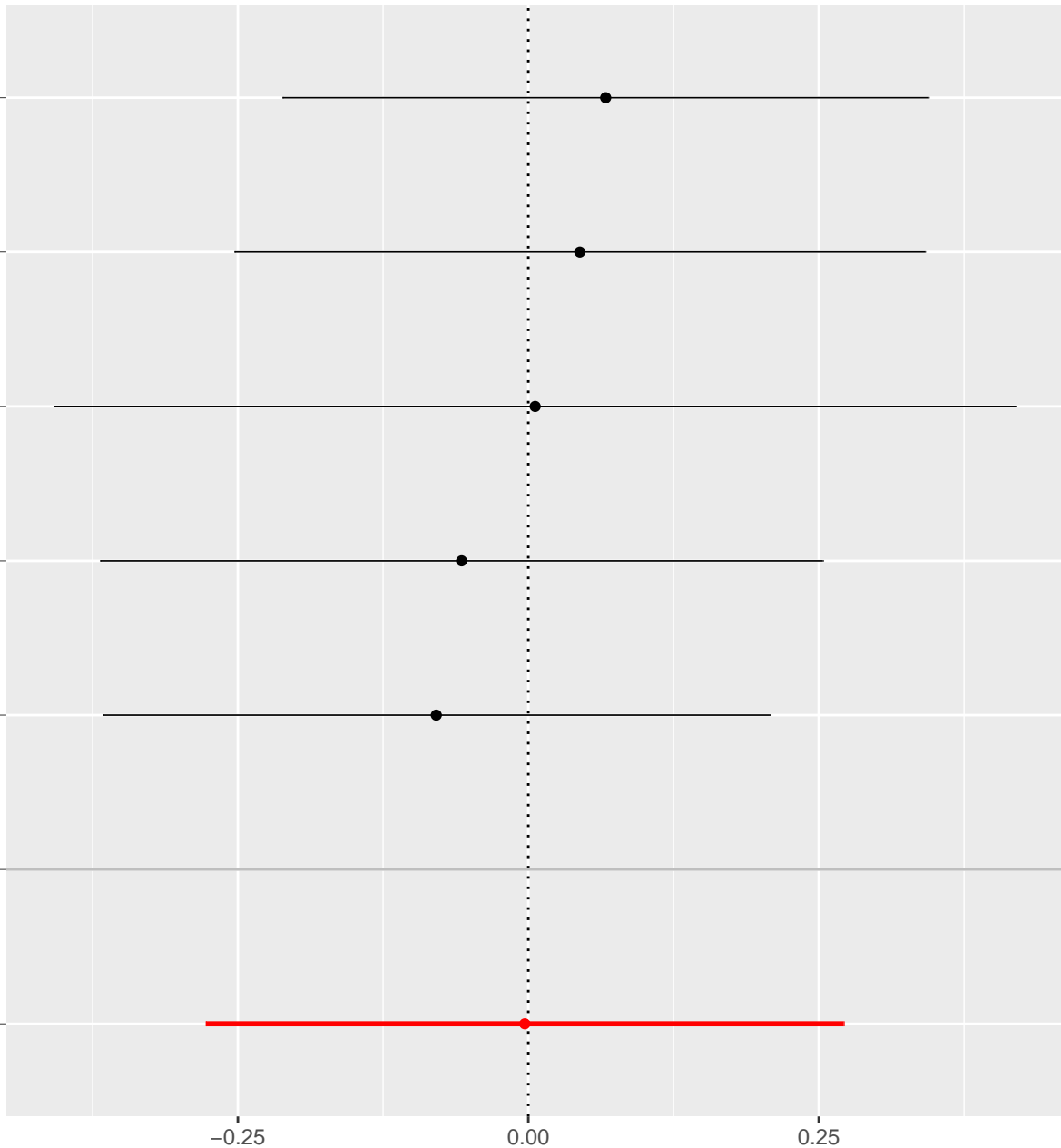
All

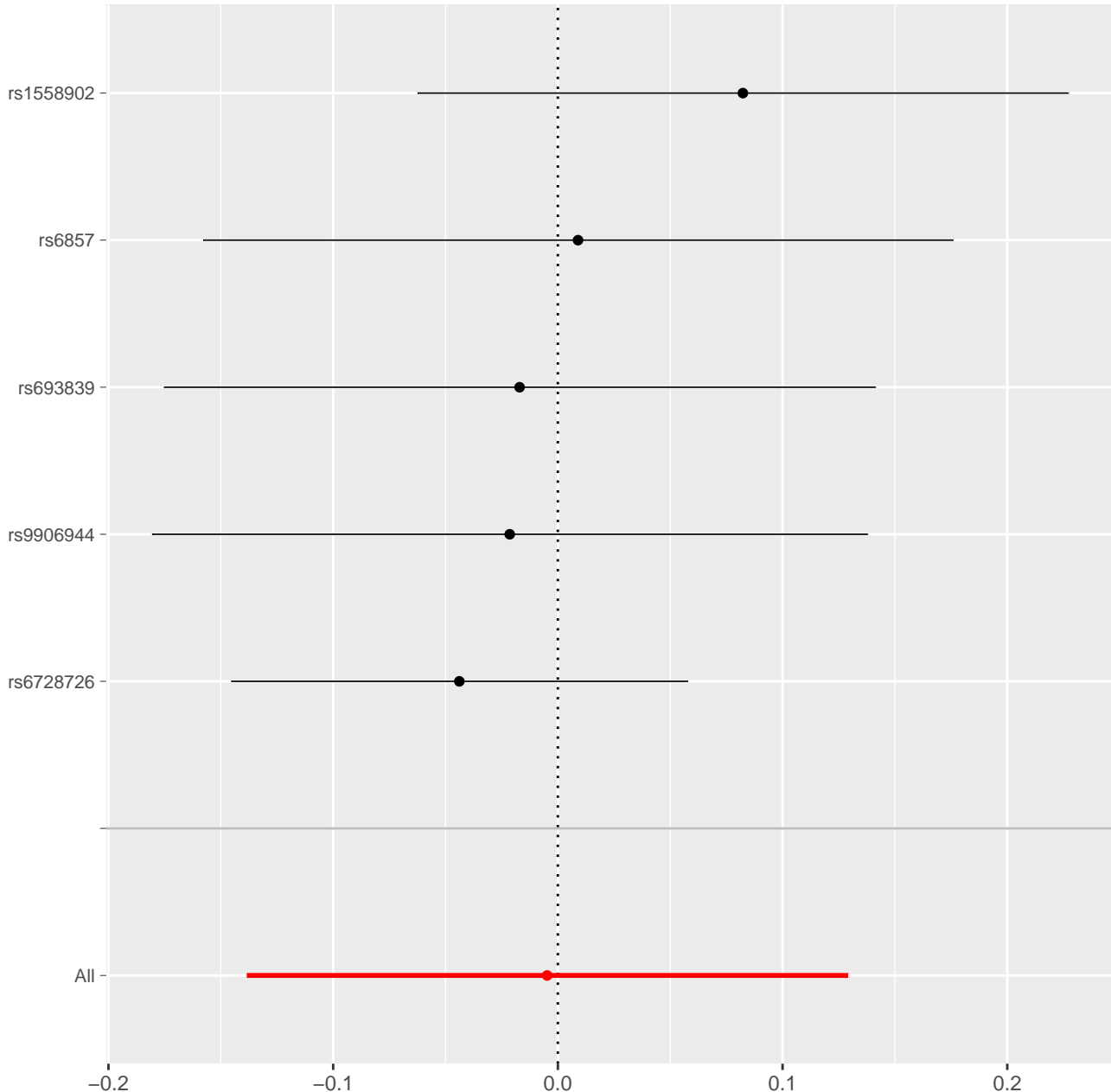
-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-04500 || id:394'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Dihomo-linoleate (20:2n6) || id:395'

rs1558902

rs9906944

rs6728726

rs6857

rs693839

All

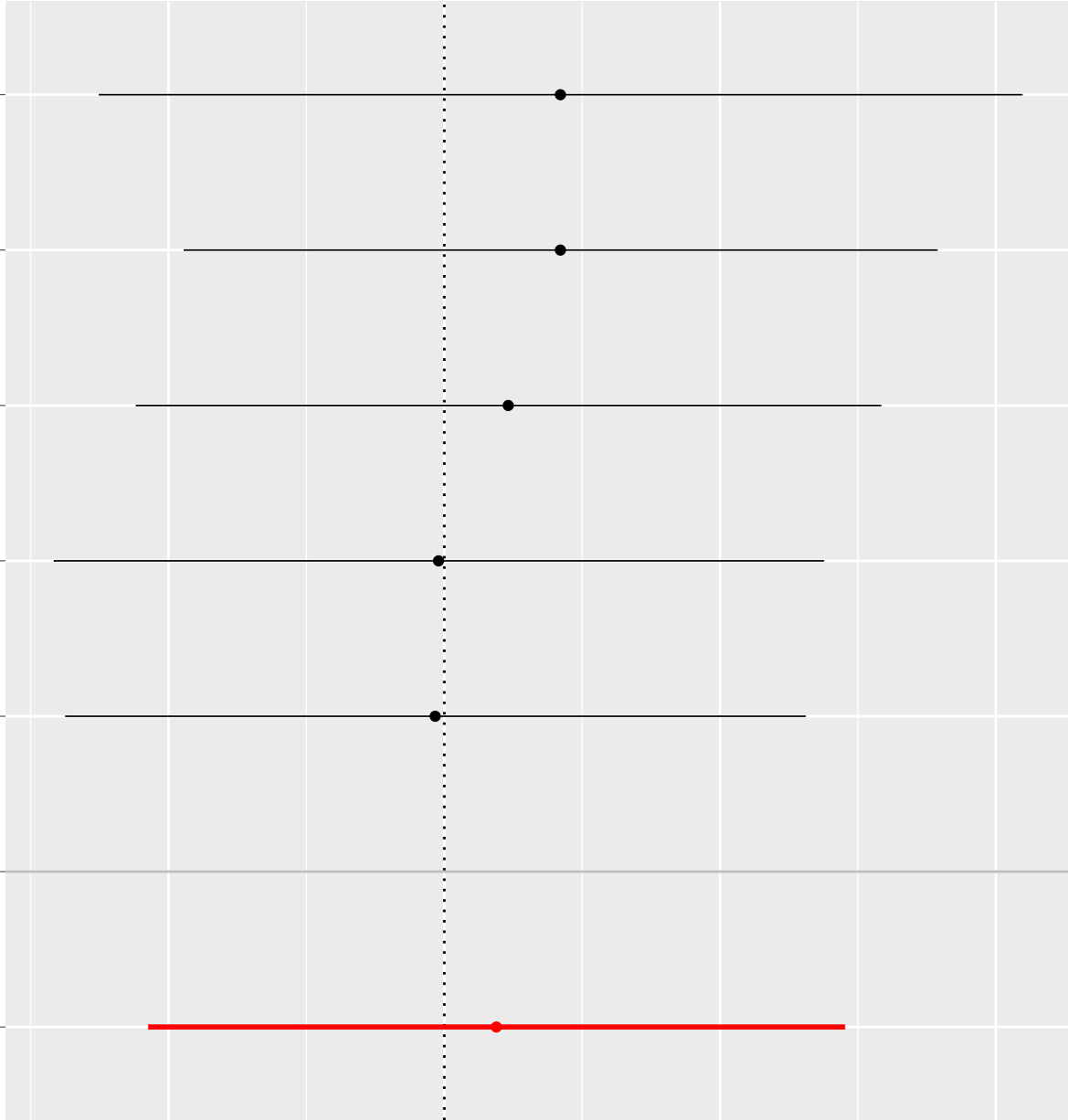
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-18601 || id:396'



rs6728726

rs9906944

rs693839

rs1558902

rs6857

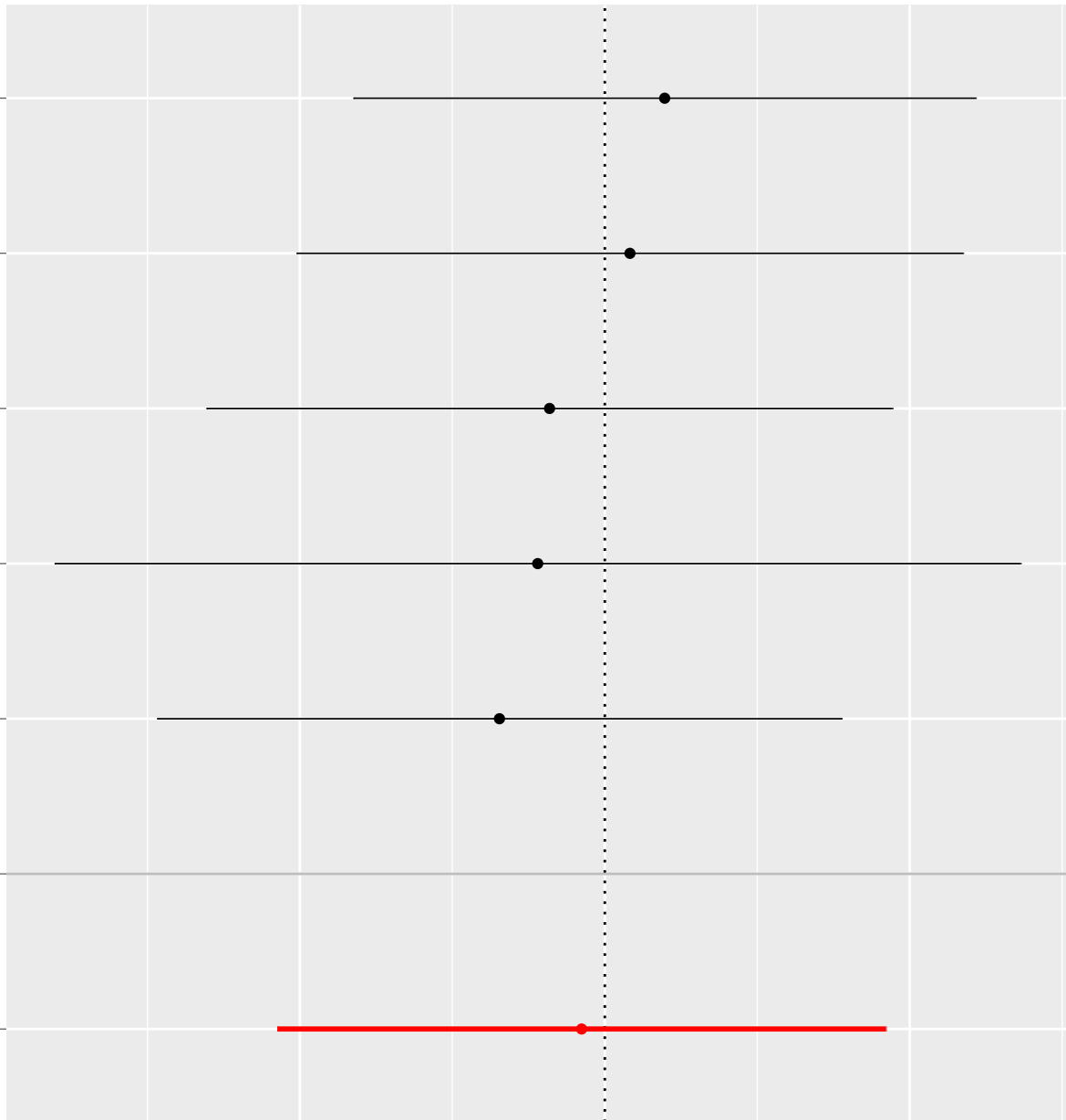
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-hydroxystearate || id:397'



rs9906944

rs693839

rs6857

rs6728726

rs1558902

All

-0.2

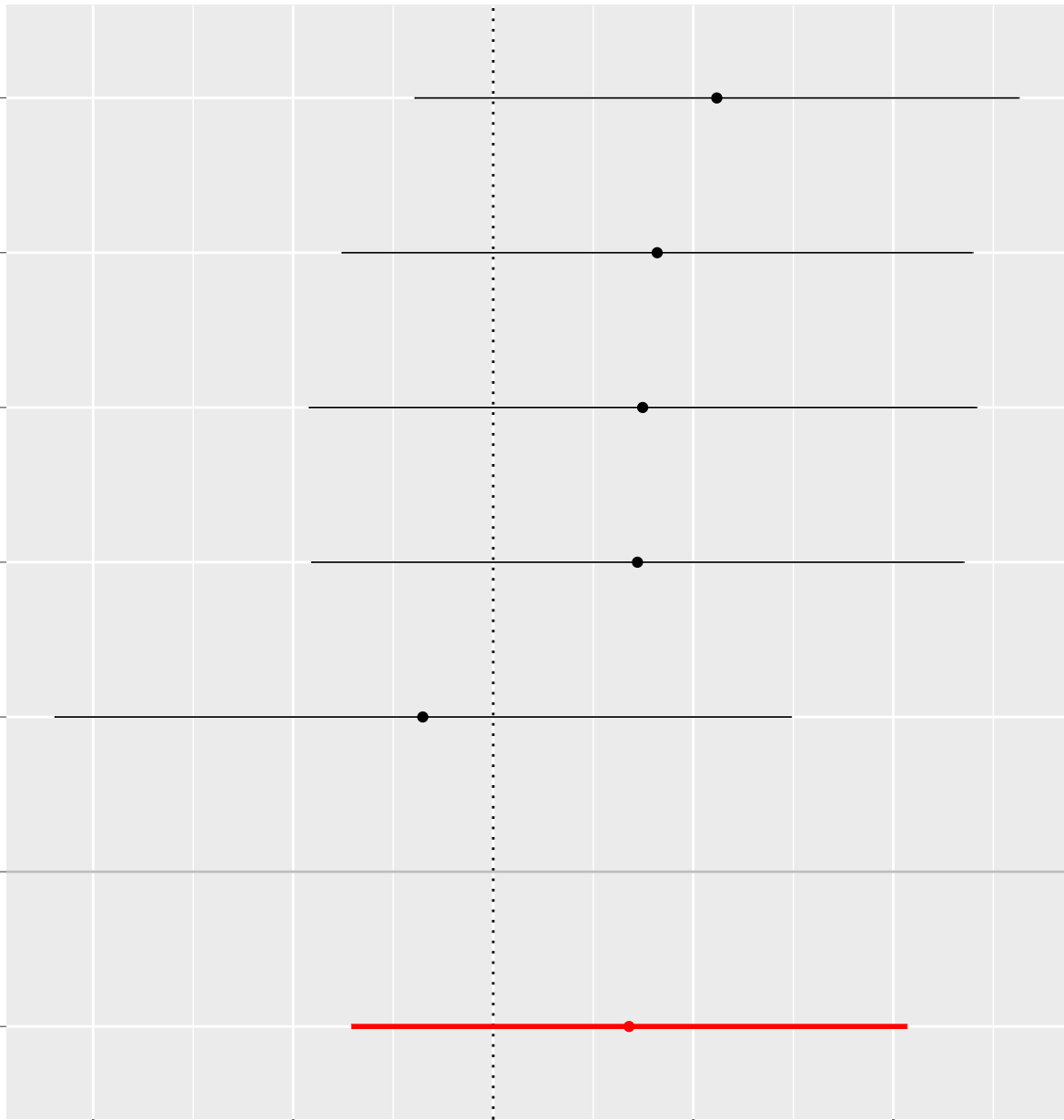
-0.1

0.0

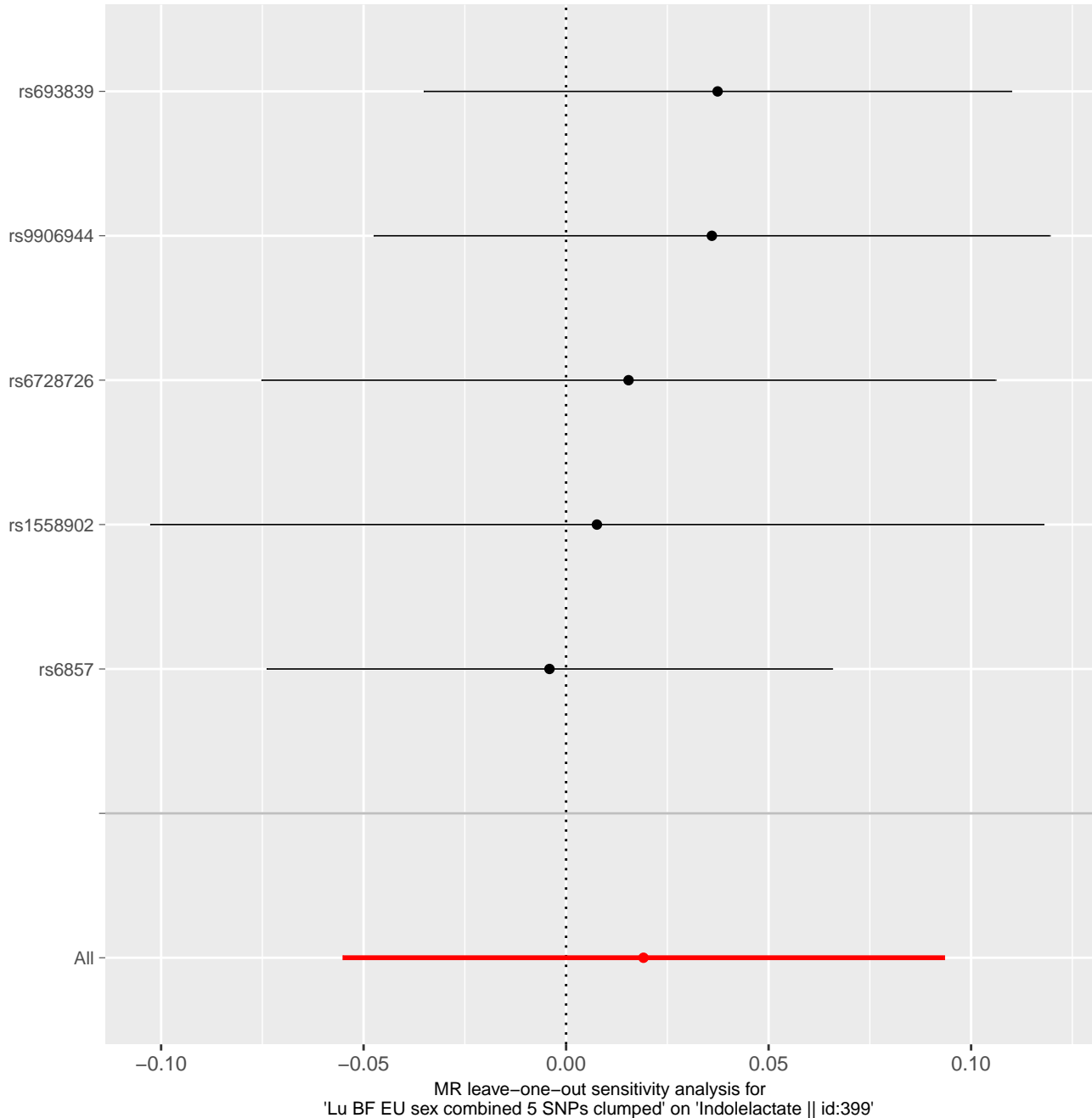
0.1

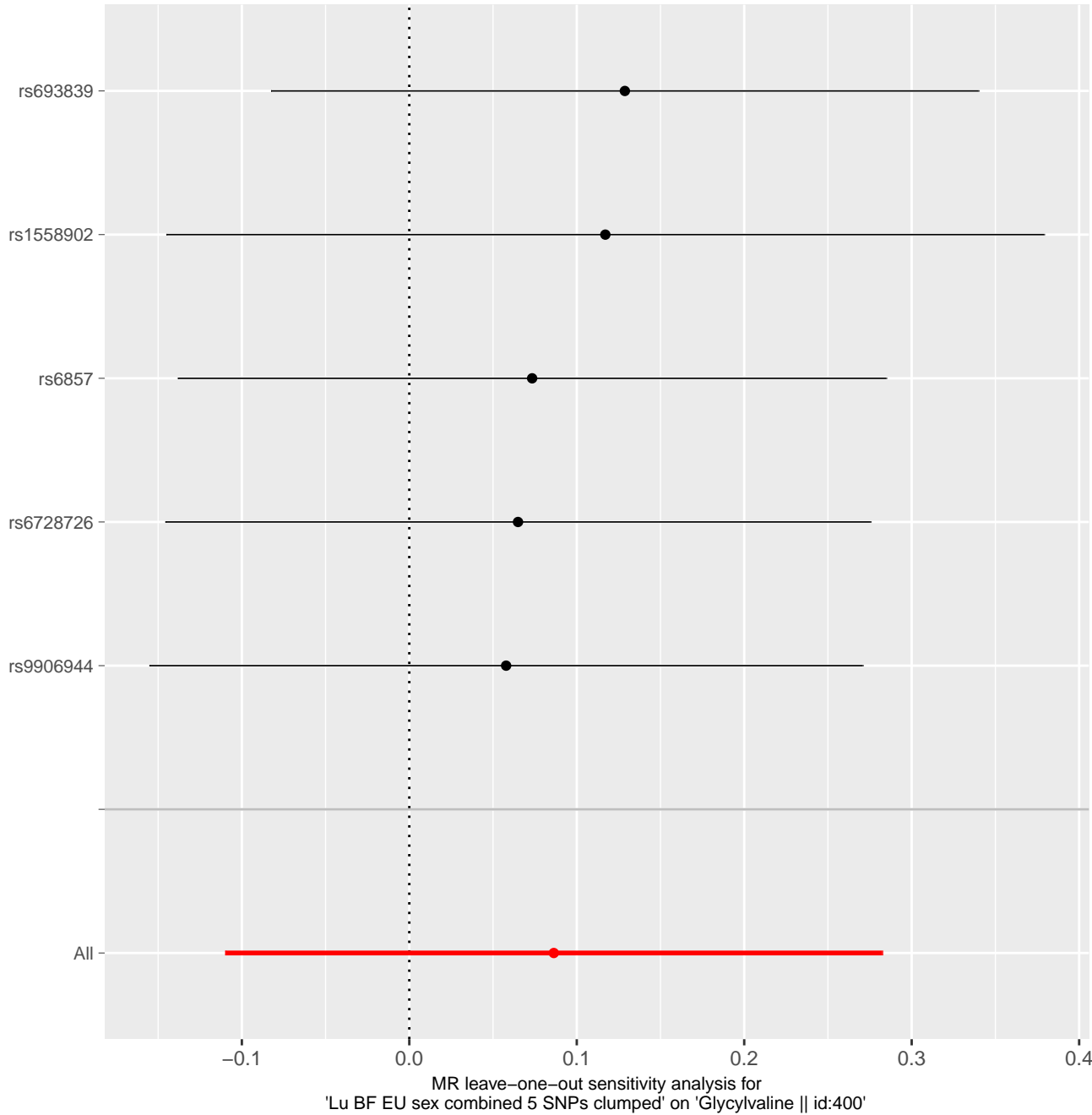
0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-05426 || id:398'









rs693839

rs9906944

rs6728726

rs6857

rs1558902

All

-0.10

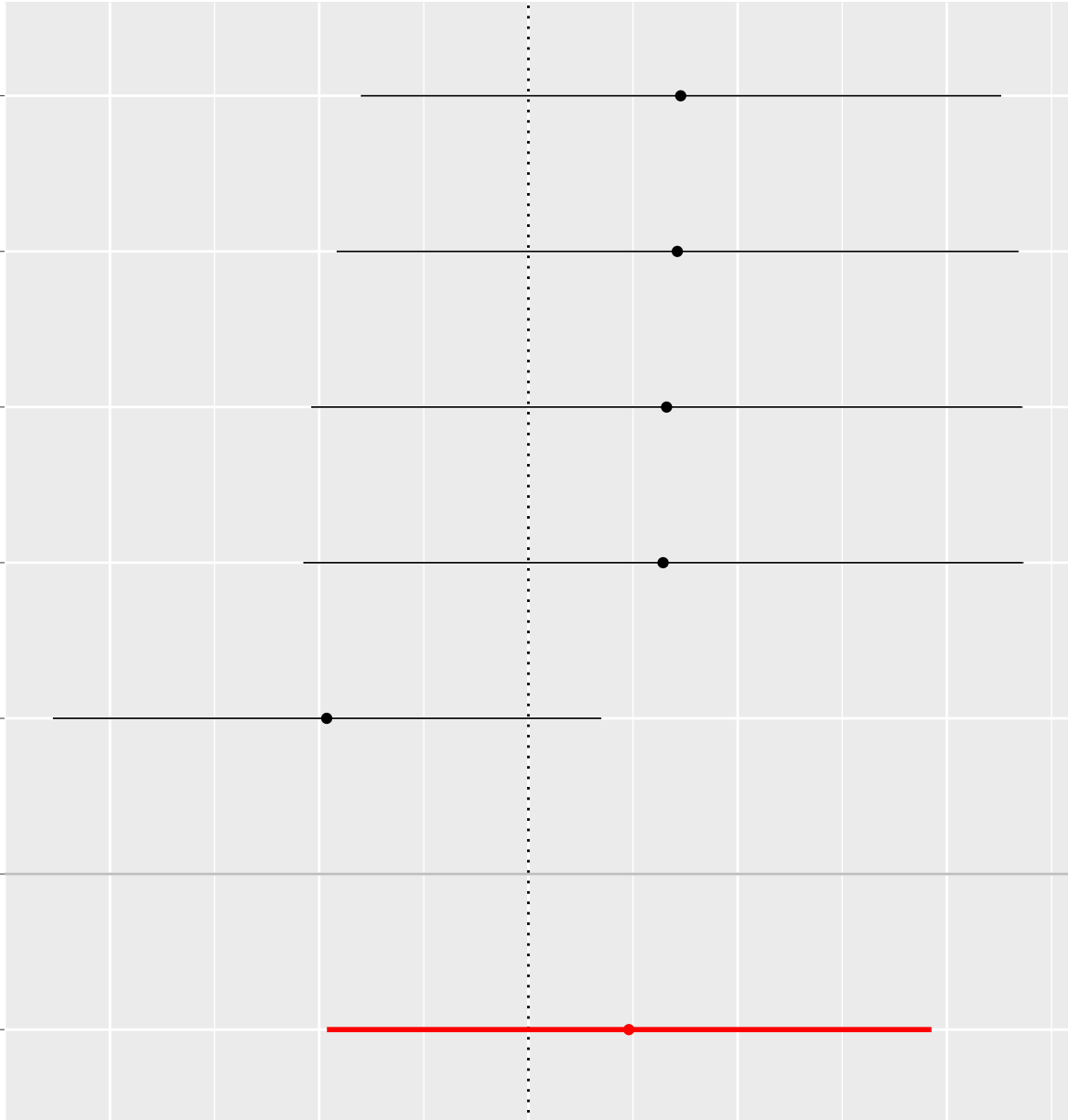
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylleucine || id:401'



rs1558902

rs6857

rs9906944

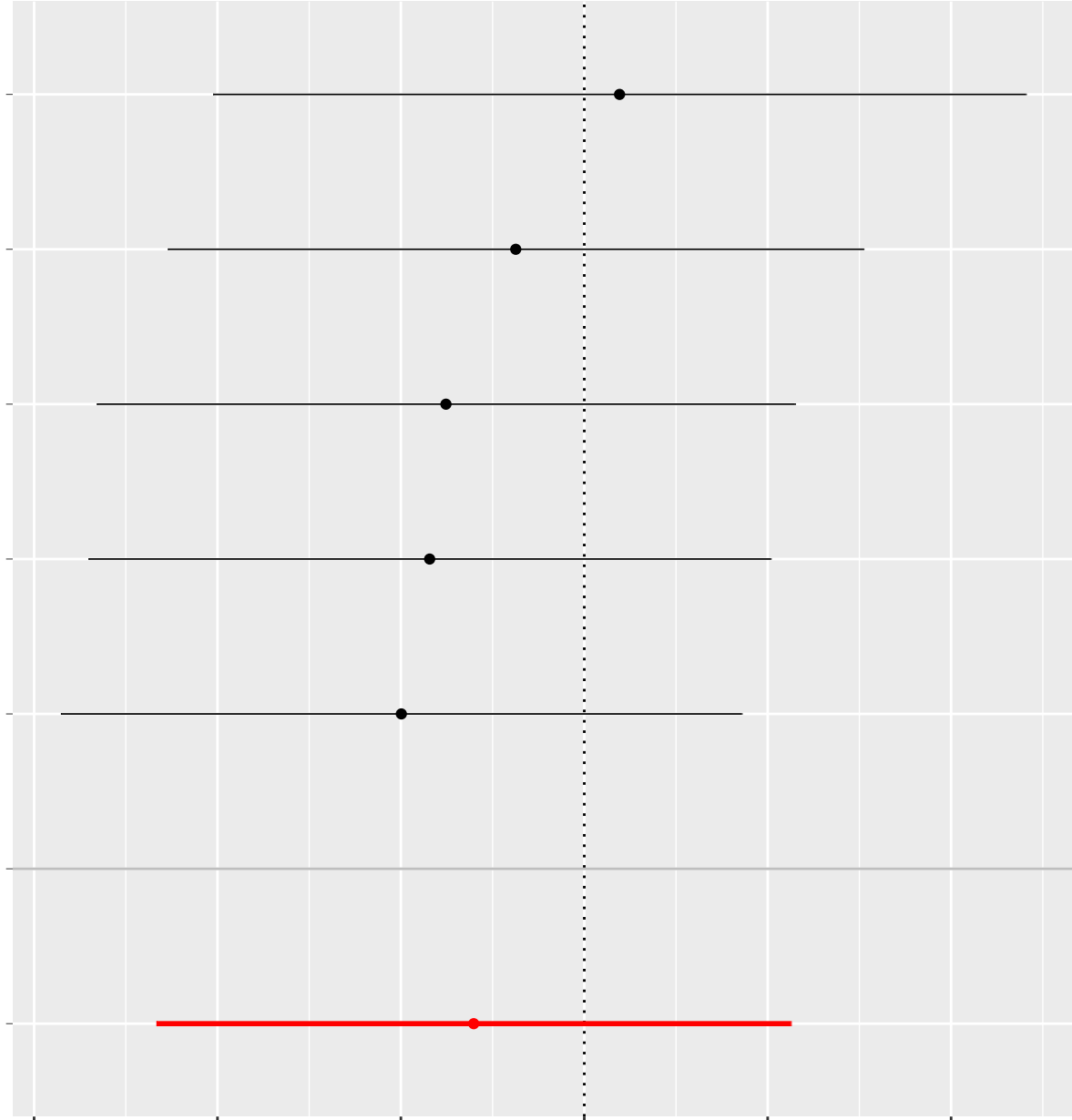
rs693839

rs6728726

All

-0.15 -0.10 -0.05 0.00 0.05 0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Eicosapentaenoate (EPA; 20:5n3) || id:402'



rs9906944

rs1558902

rs6857

rs6728726

rs693839

All

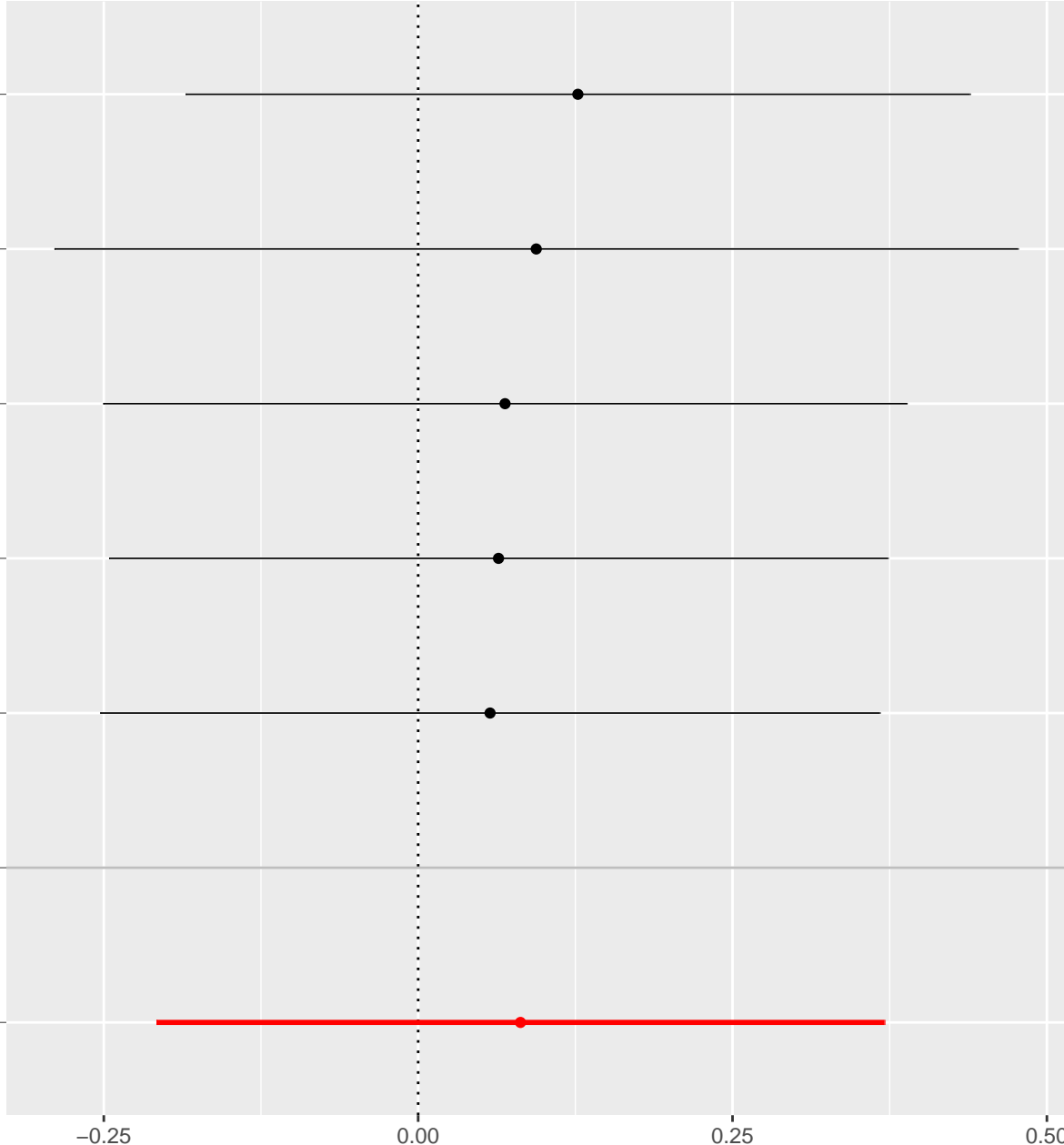
-0.25

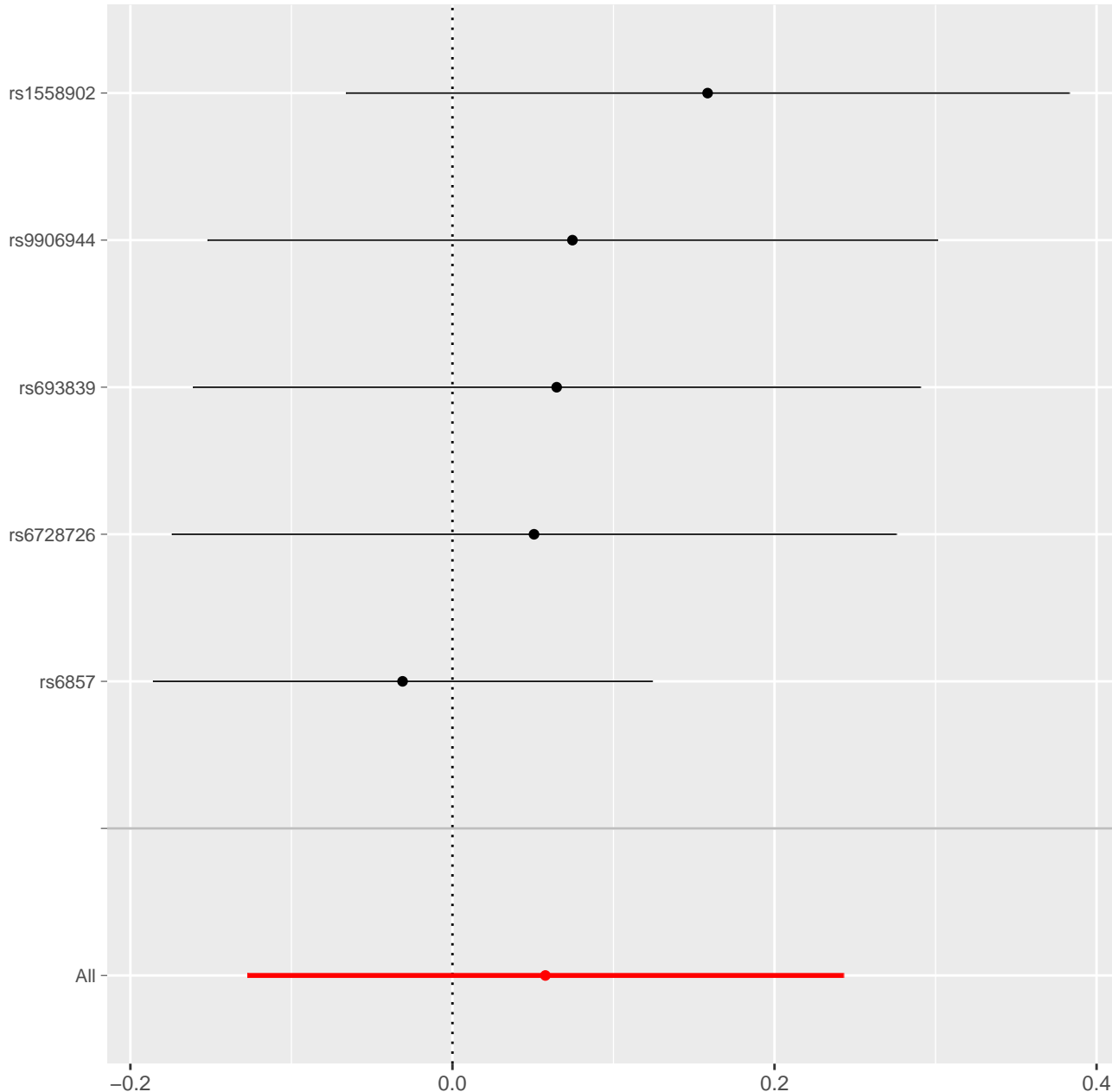
0.00

0.25

0.50

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Estrone 3-sulfate || id:403'





rs1558902

rs6728726

rs9906944

rs6857

rs693839

All

-0.3

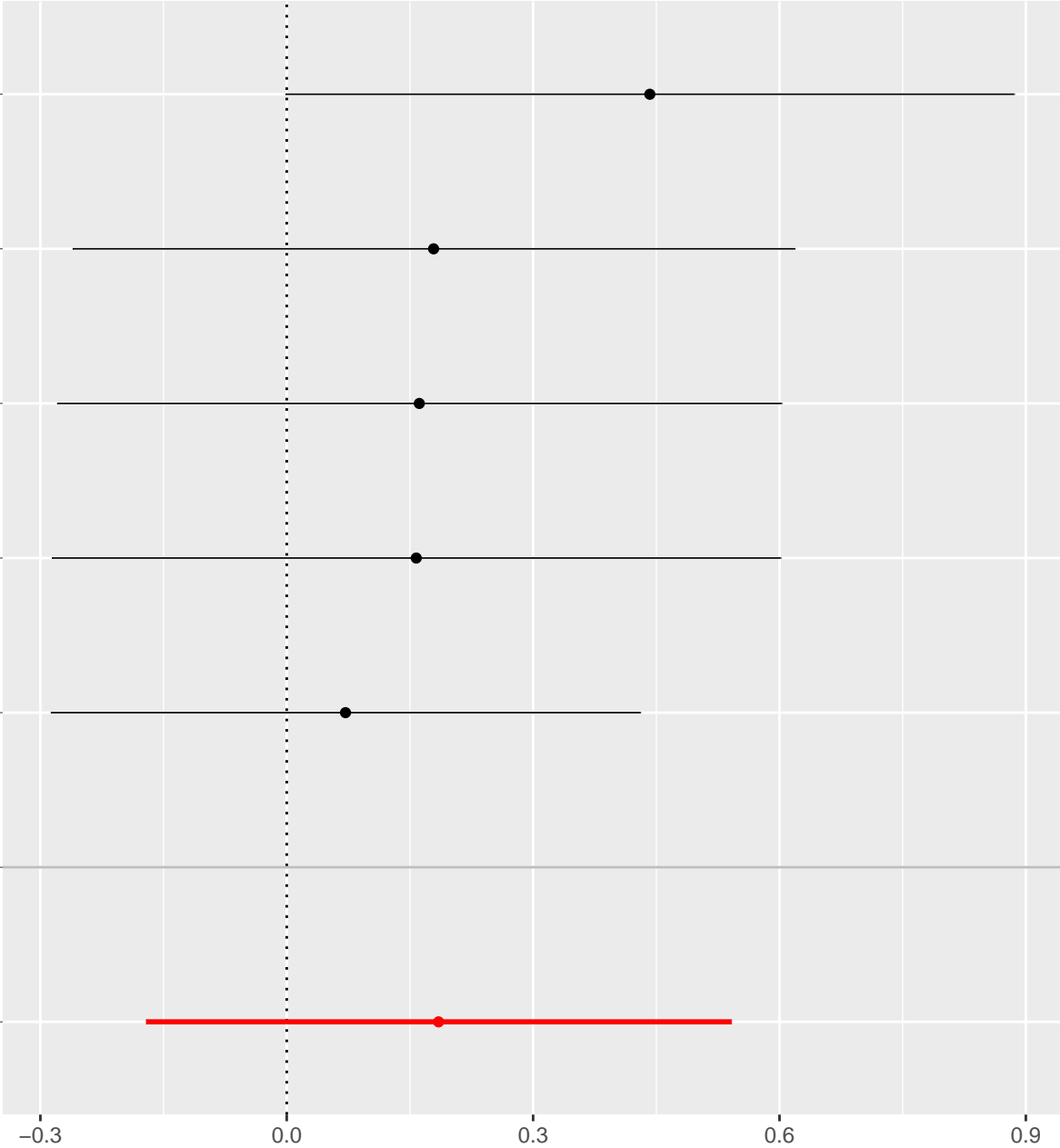
0.0

0.3

0.6

0.9

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycodeoxycholate || id:405'



rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

-0.3

-0.2

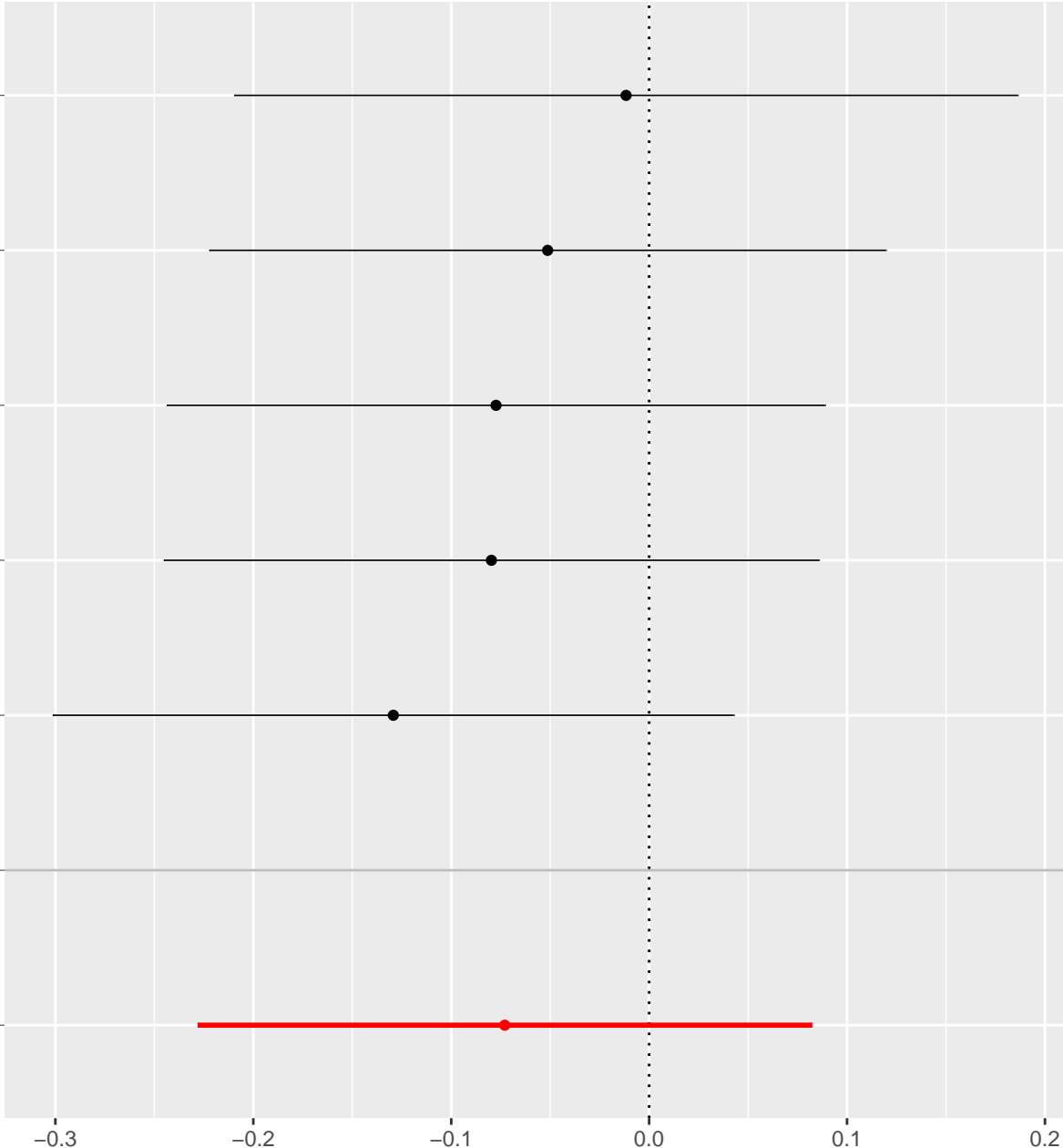
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Taurochenodeoxycholate || id:406'





rs9906944

rs693839

rs6728726

rs1558902

rs6857

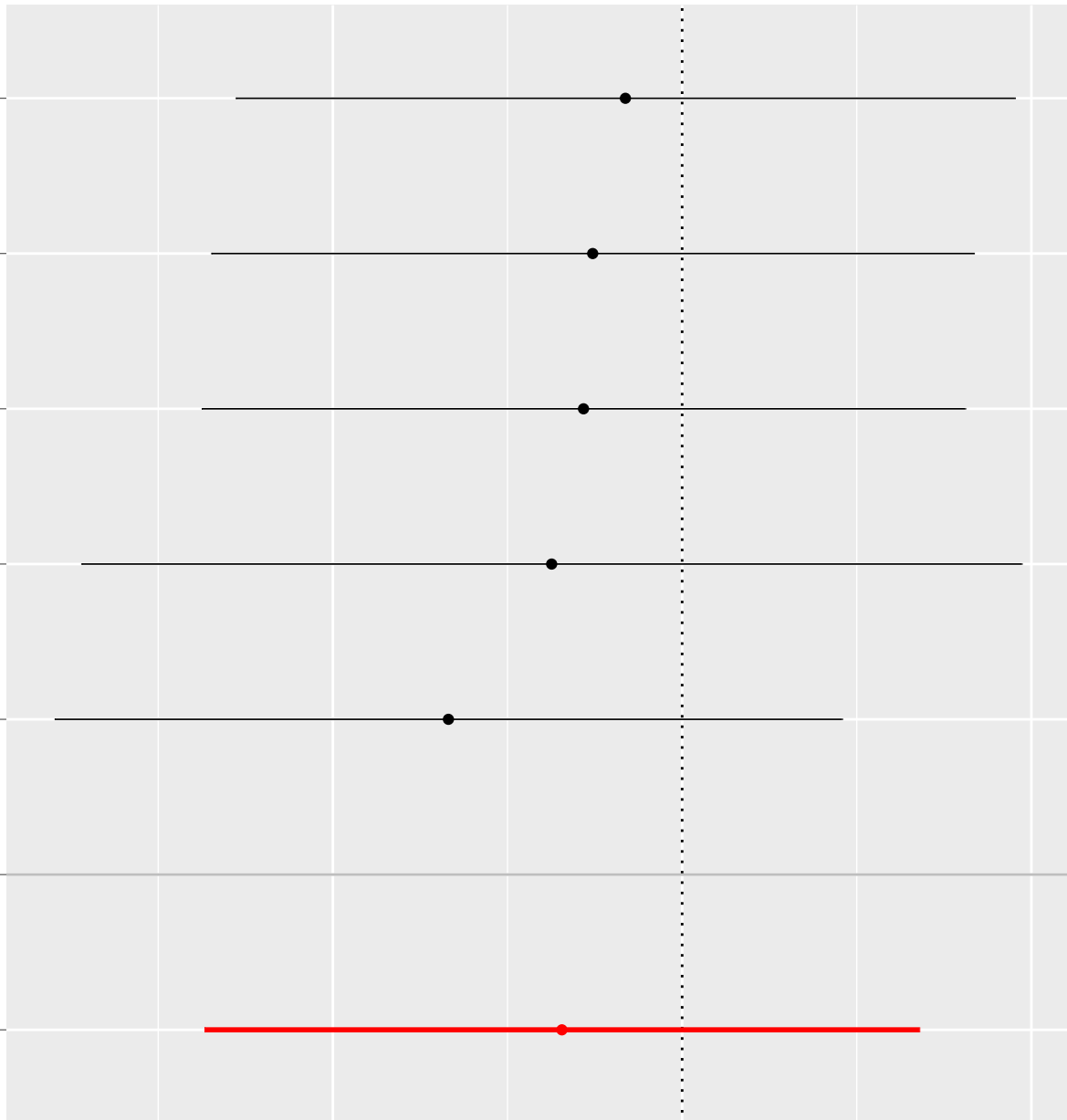
All

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Taurocholate || id:407'



rs1558902

rs6728726

rs693839

rs9906944

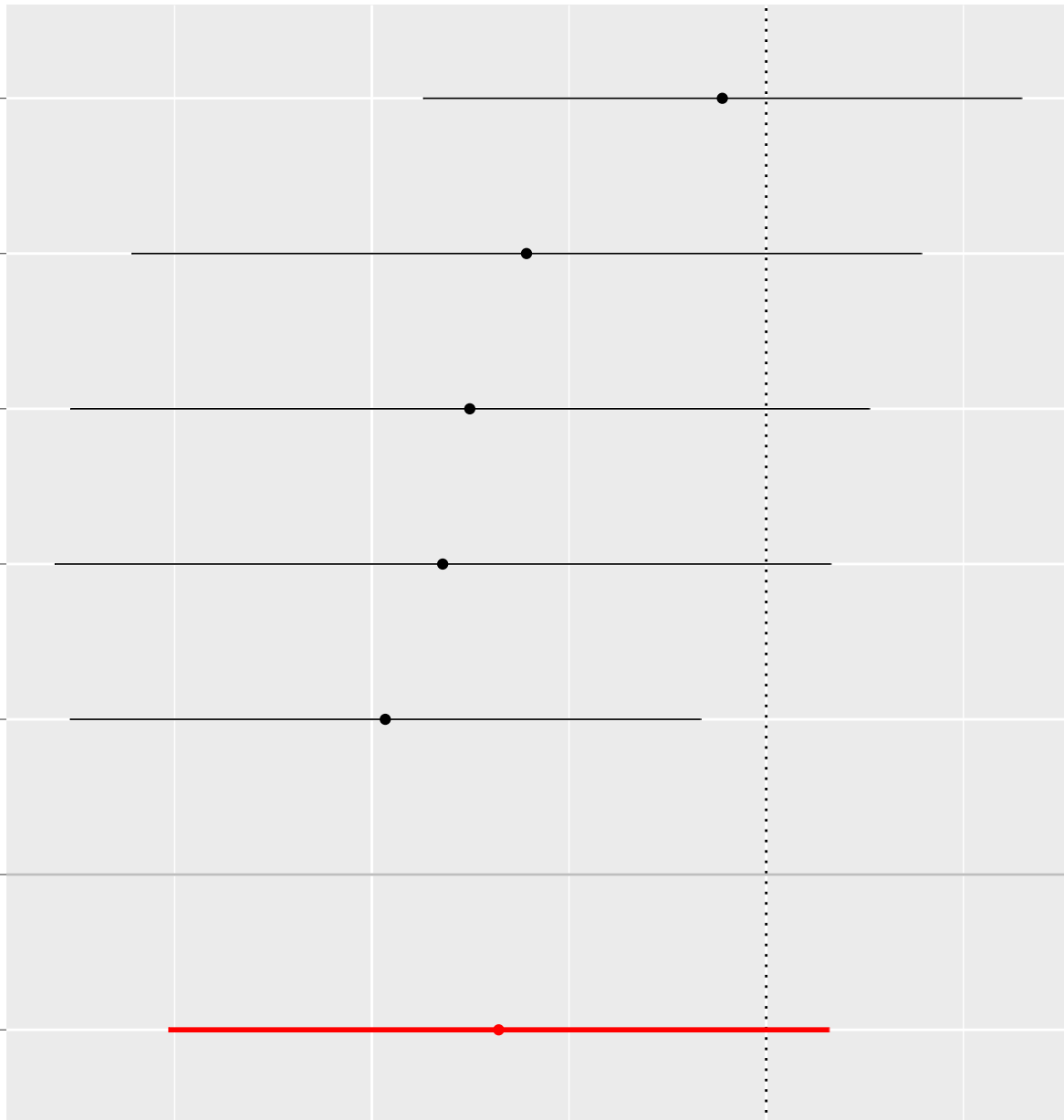
rs6857

All

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-05907 || id:408'



rs1558902

rs6857

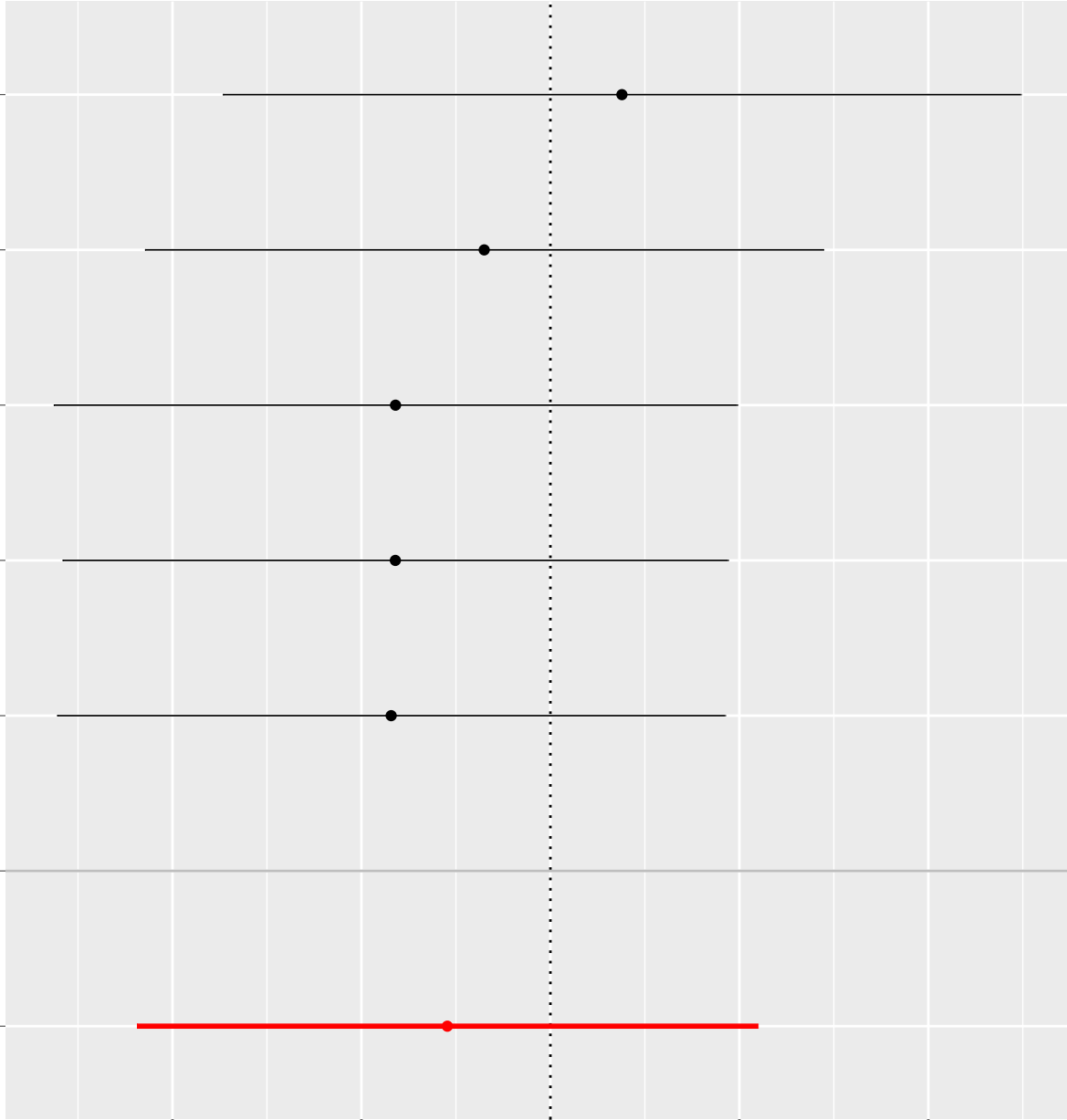
rs9906944

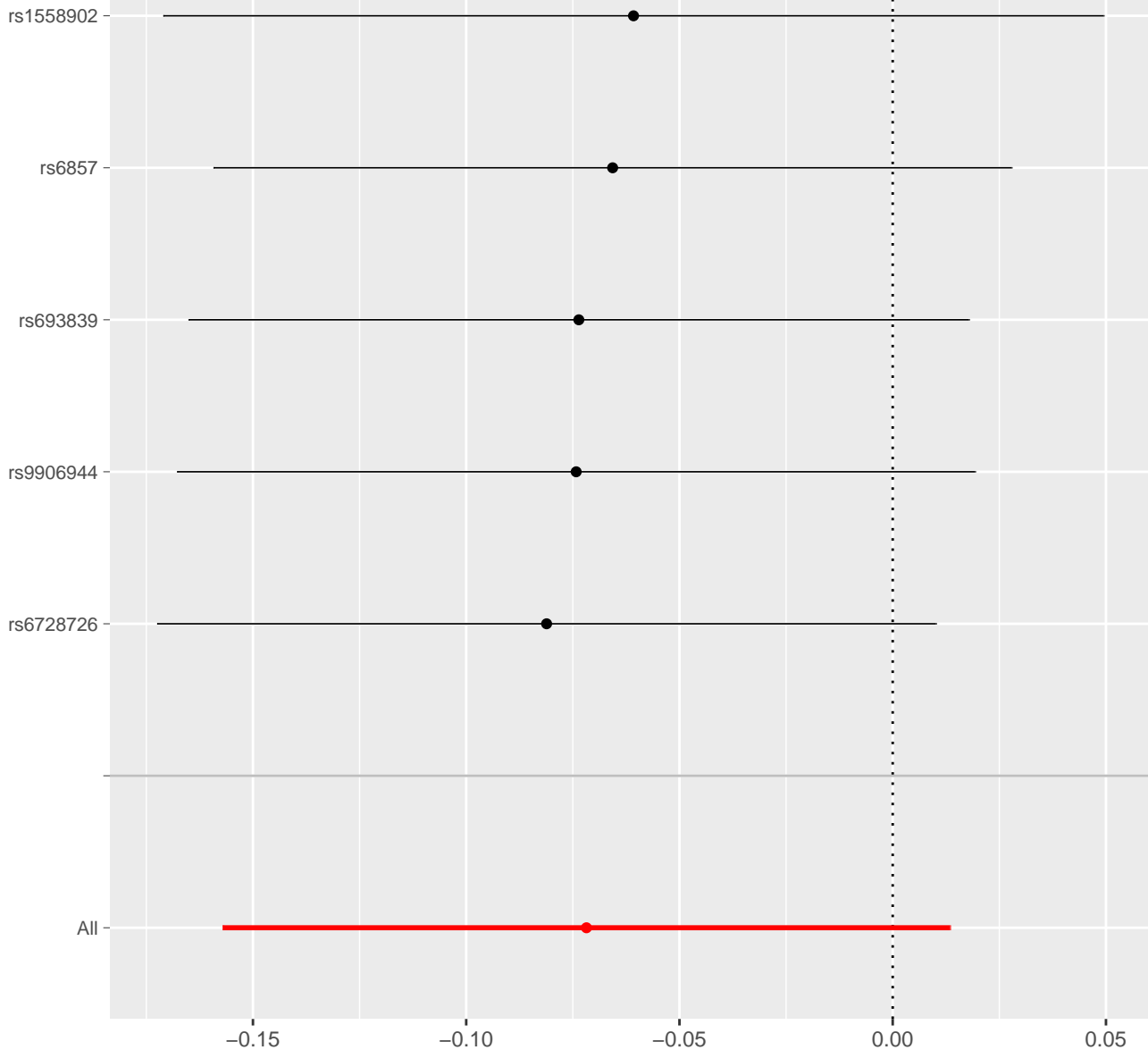
rs6728726

rs693839

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Docosahexaenoate (DHA; 22:6n3) || id:409'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-stearoylglycerophosphoinositol || id:410'

rs1558902

rs6728726

rs9906944

rs693839

rs6857

All

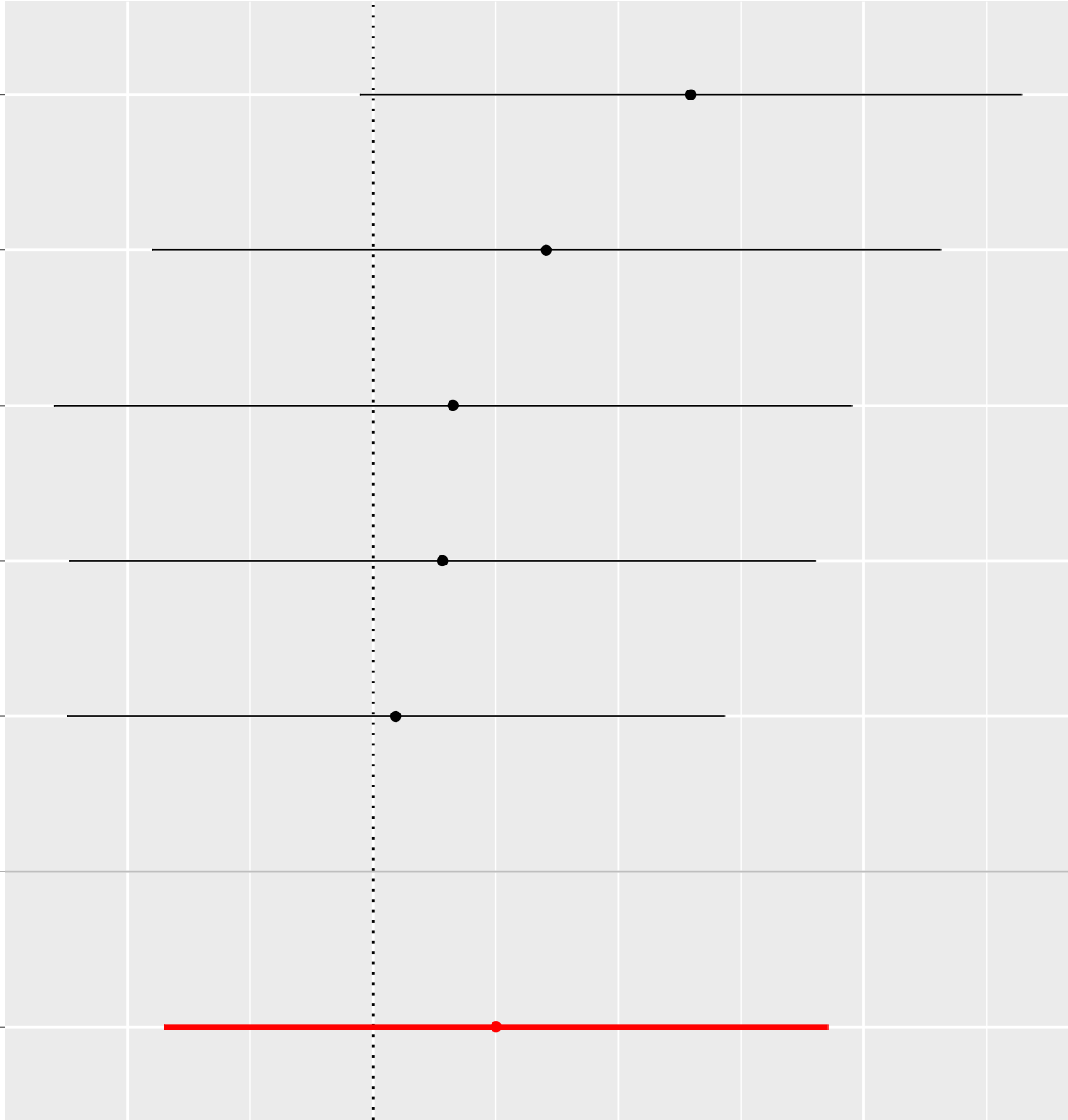
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-06226 || id:411'



rs6728726

rs1558902

rs9906944

rs6857

rs693839

All

-0.10

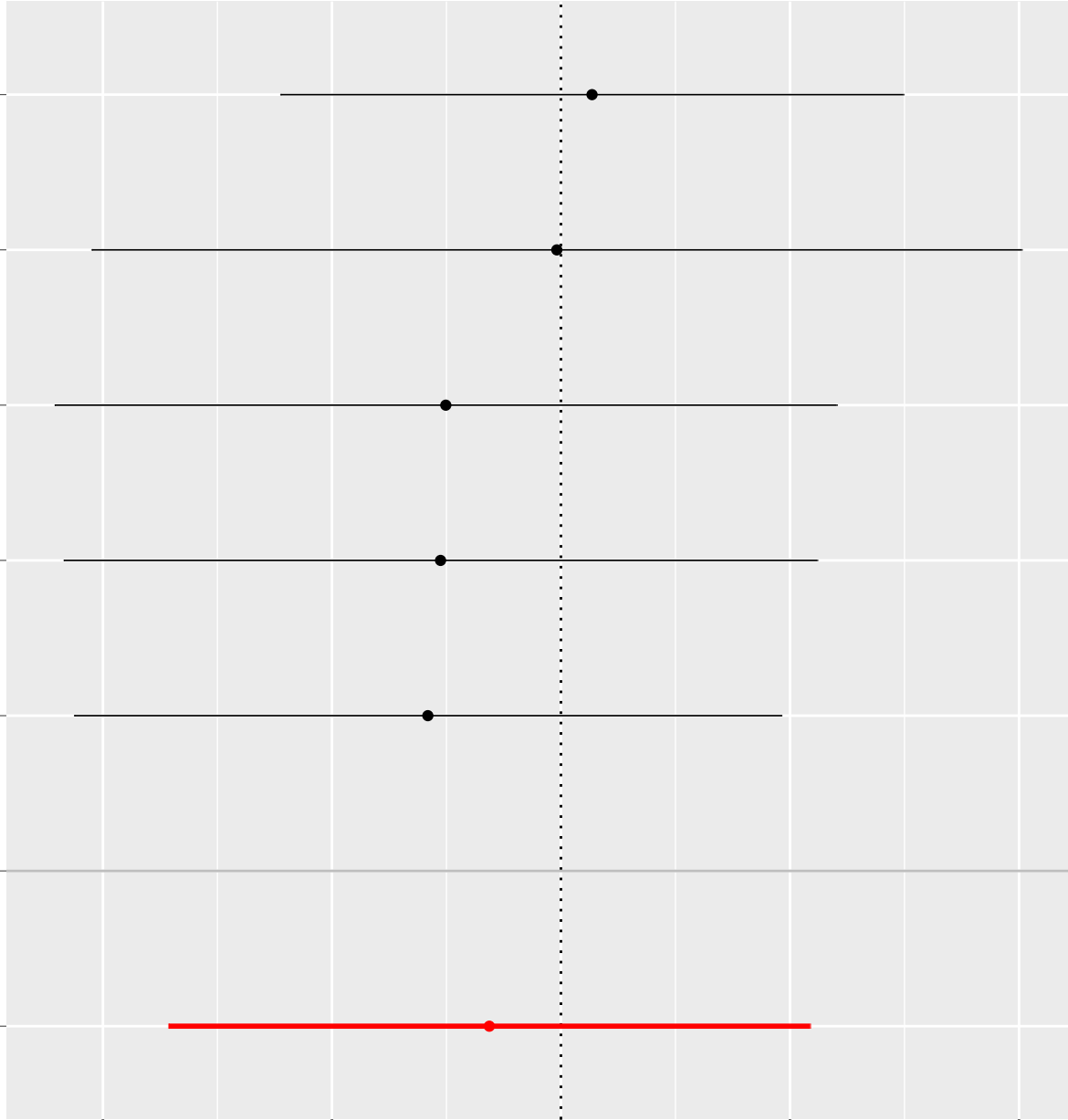
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-06246 || id:412'



rs6728726

rs9906944

rs693839

rs6857

rs1558902

All

-0.10

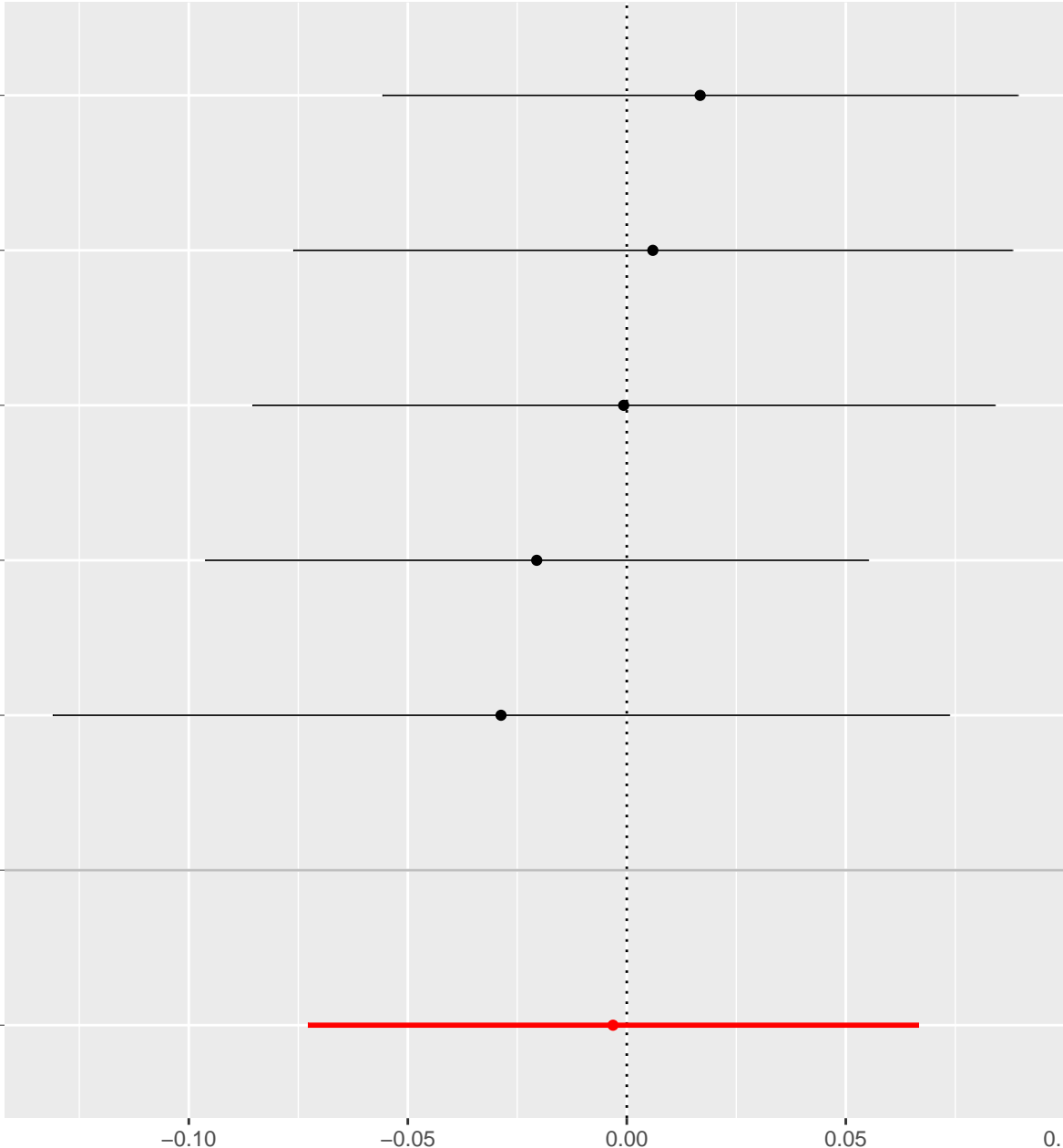
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-06267 || id:413'



rs1558902

rs6728726

rs693839

rs6857

rs9906944

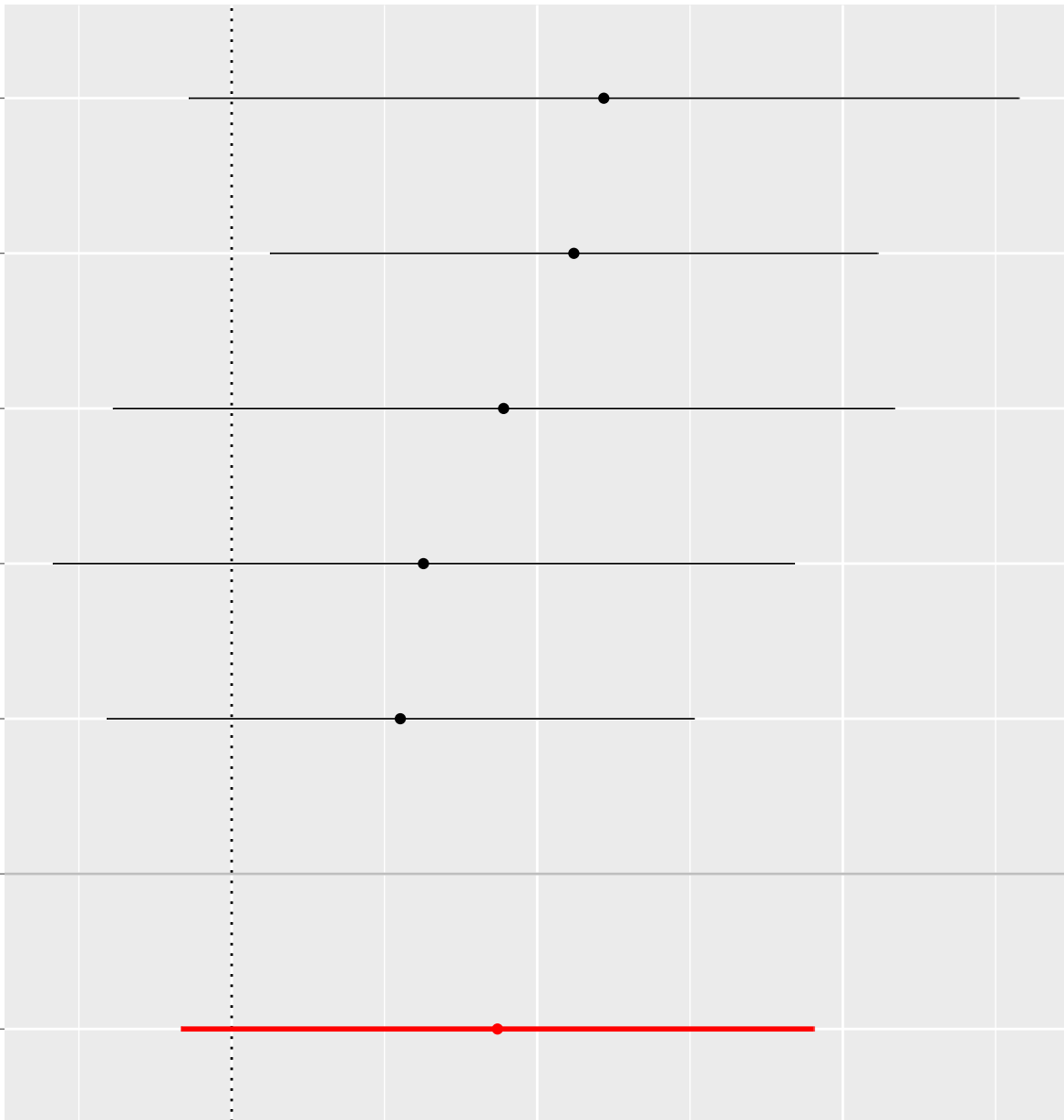
All

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-06307 || id:414'





rs693839

rs6728726

rs6857

rs9906944

rs1558902

All

-0.10

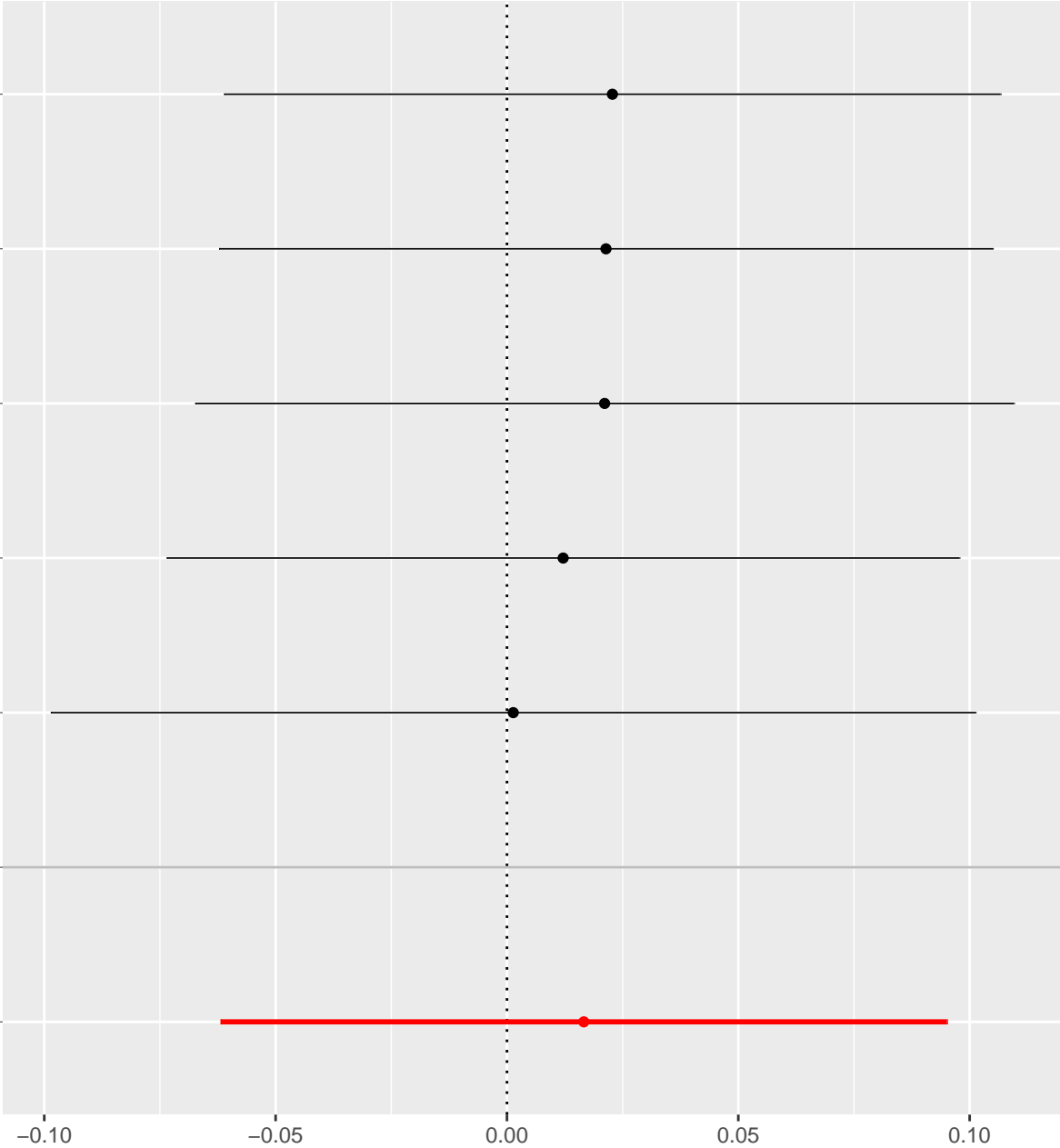
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-06350 || id:415'



rs1558902

rs9906944

rs693839

rs6728726

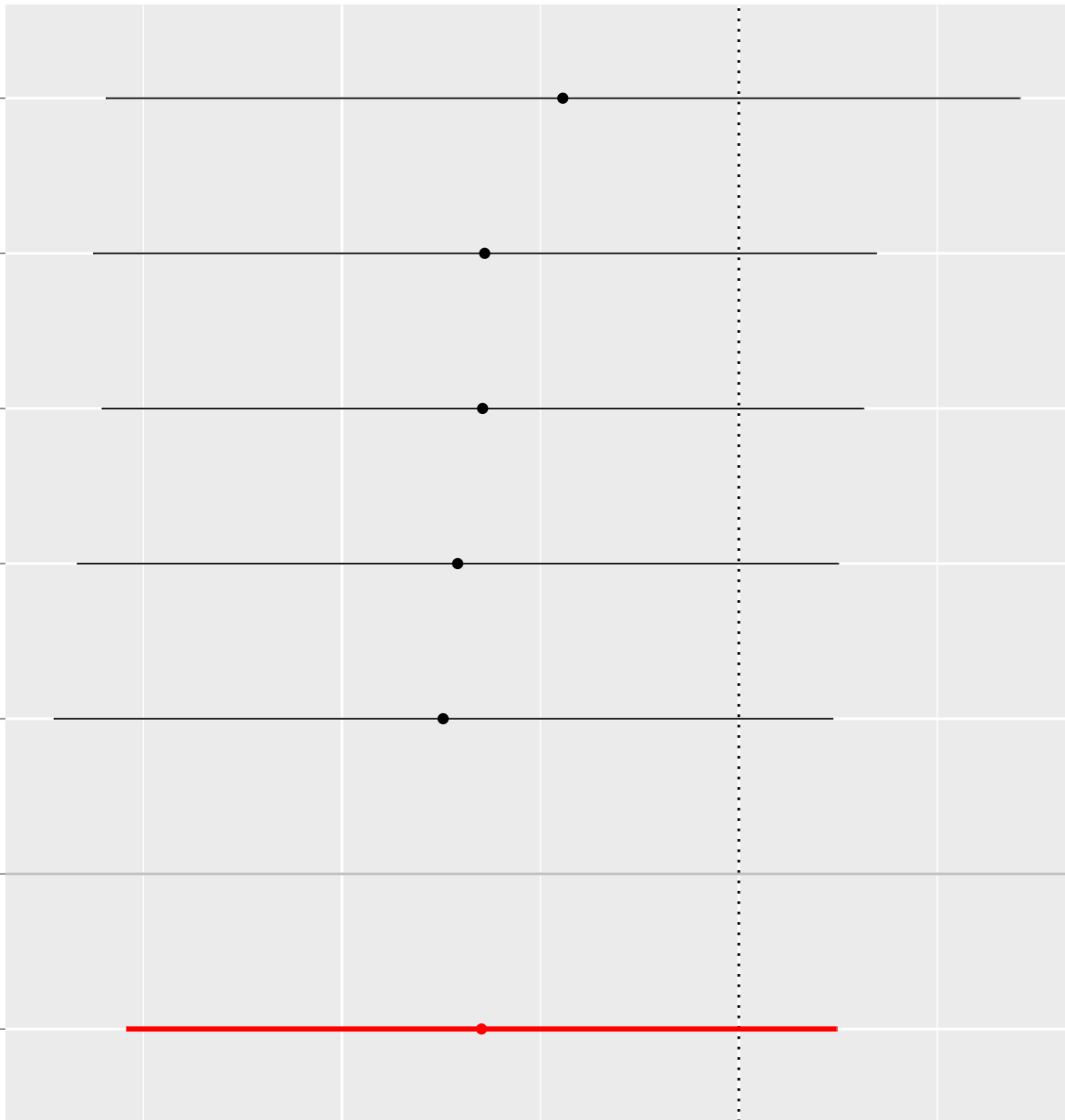
rs6857

All

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-06351 || id:416'



rs1558902

rs6728726

rs693839

rs6857

rs9906944

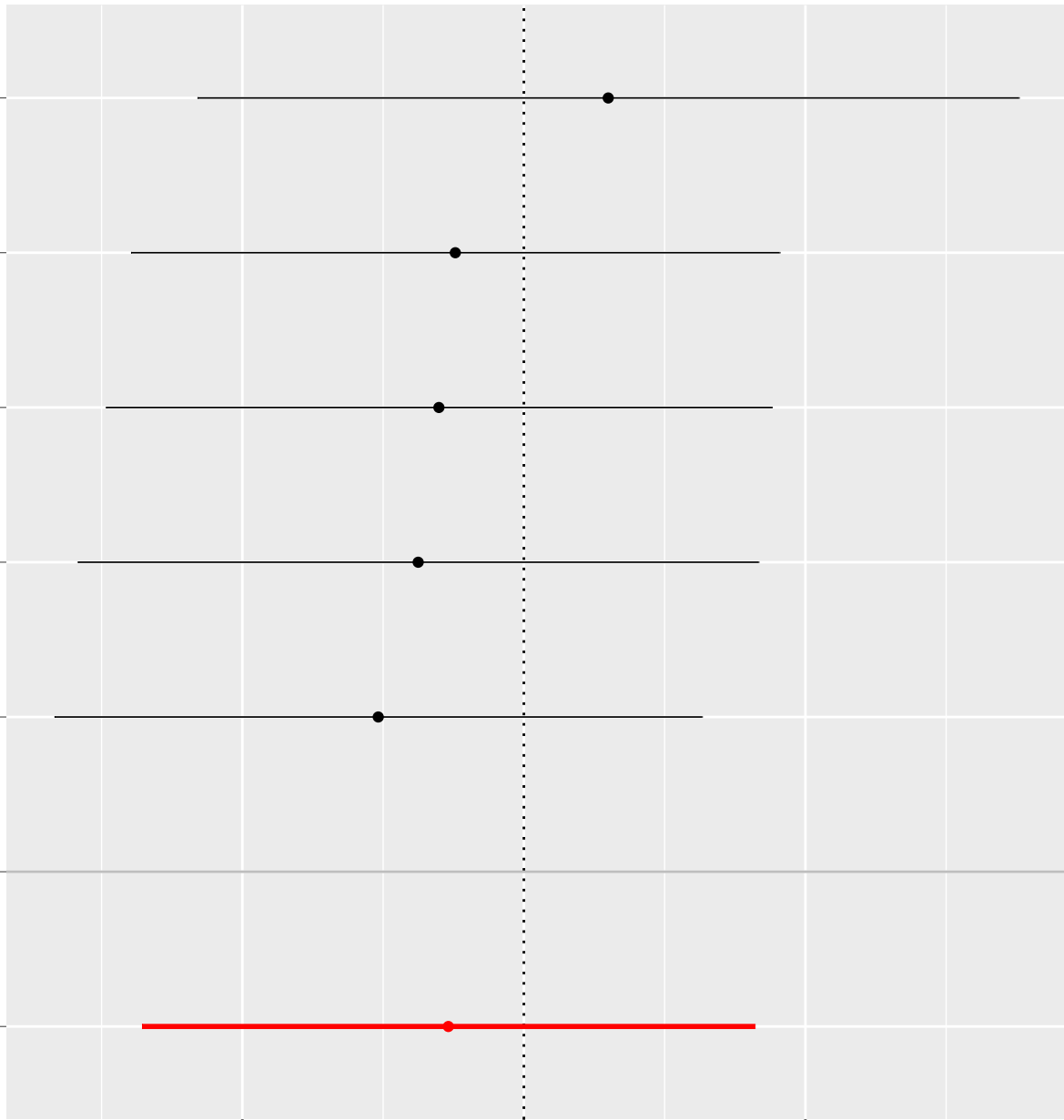
All

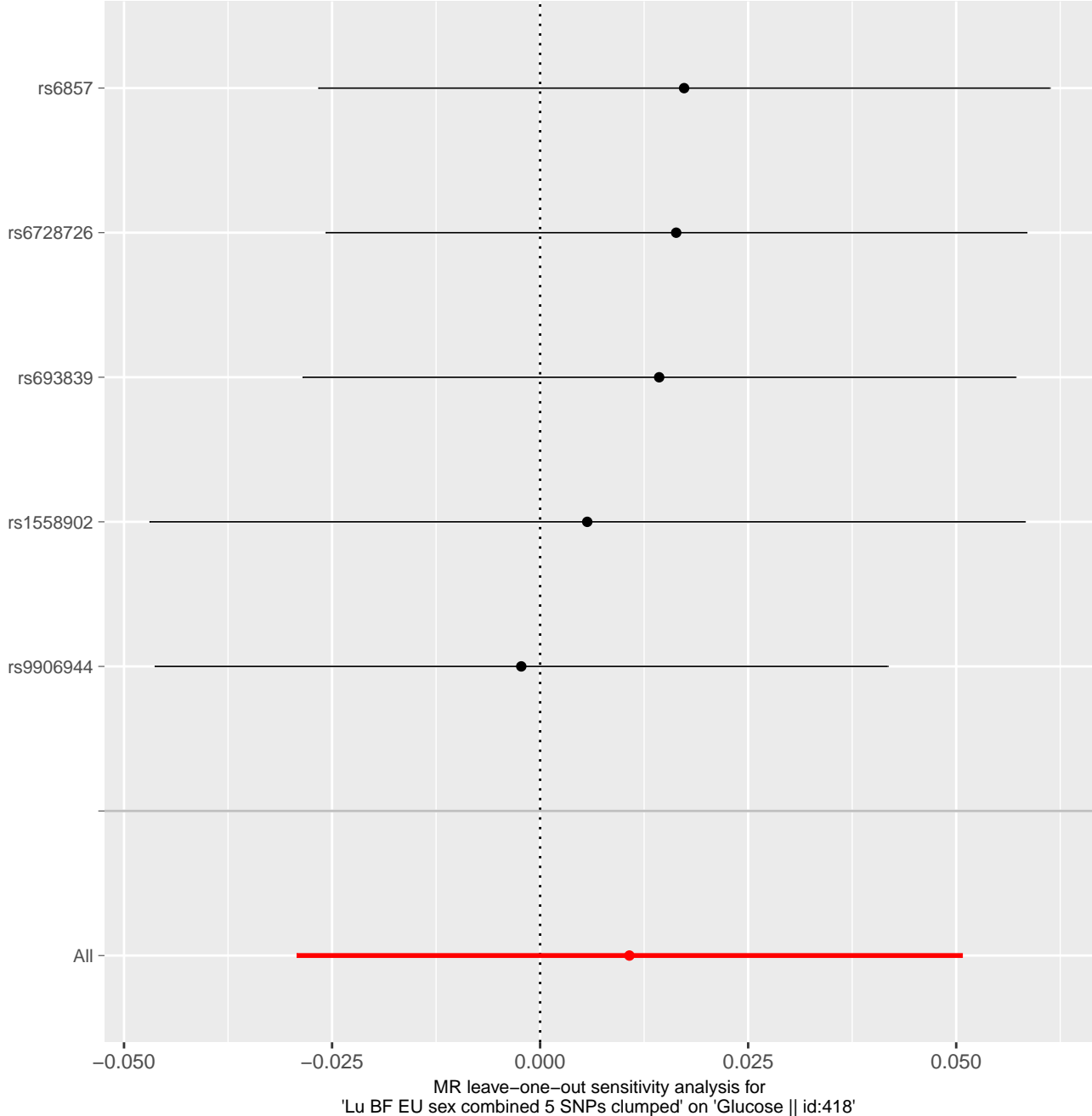
-0.04

0.00

0.04

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Myo-inositol || id:417'





rs6728726

rs693839

rs6857

rs1558902

rs9906944

All

-0.15

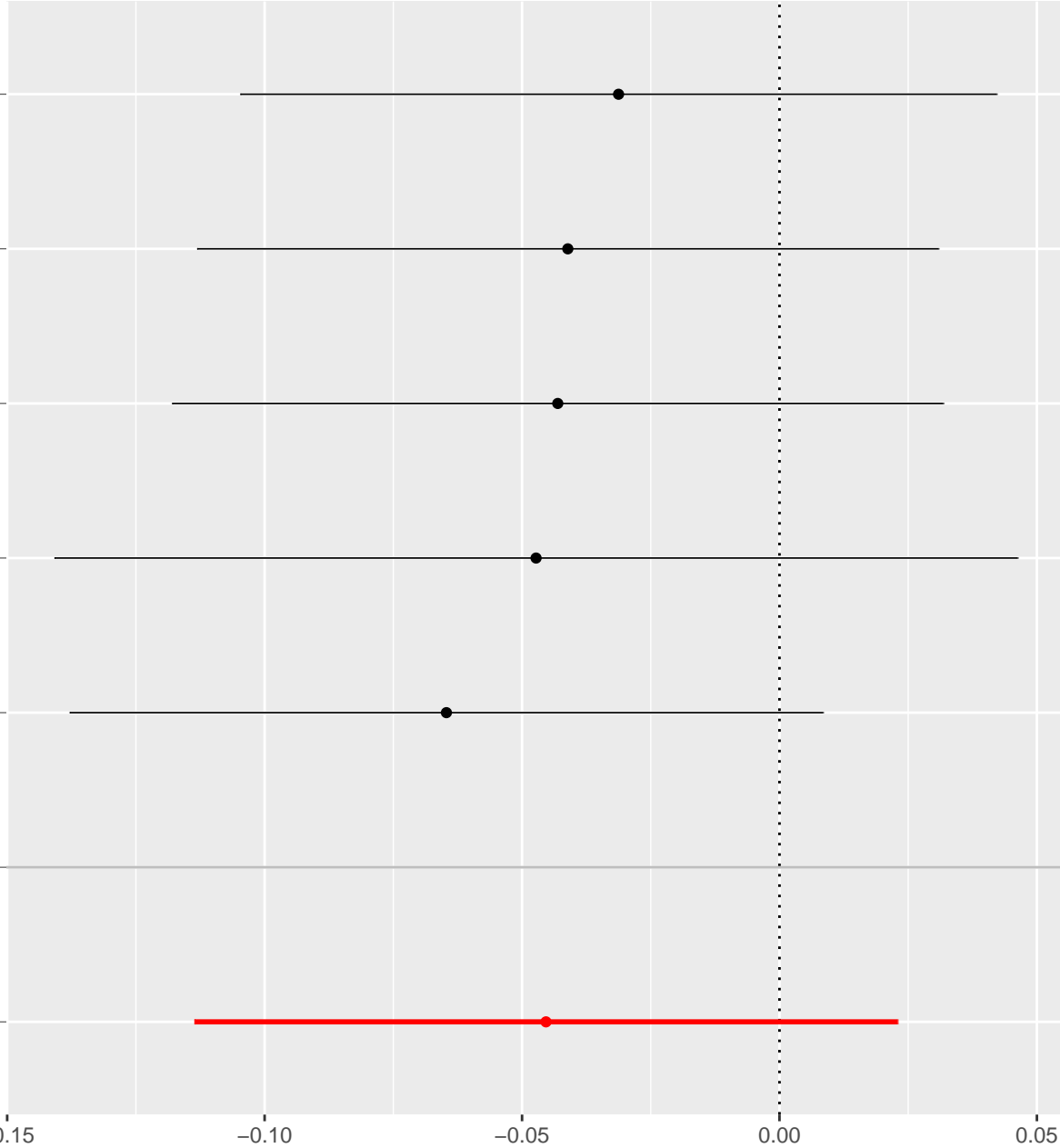
-0.10

-0.05

0.00

0.05

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



rs1558902

rs693839

rs6857

rs6728726

rs9906944

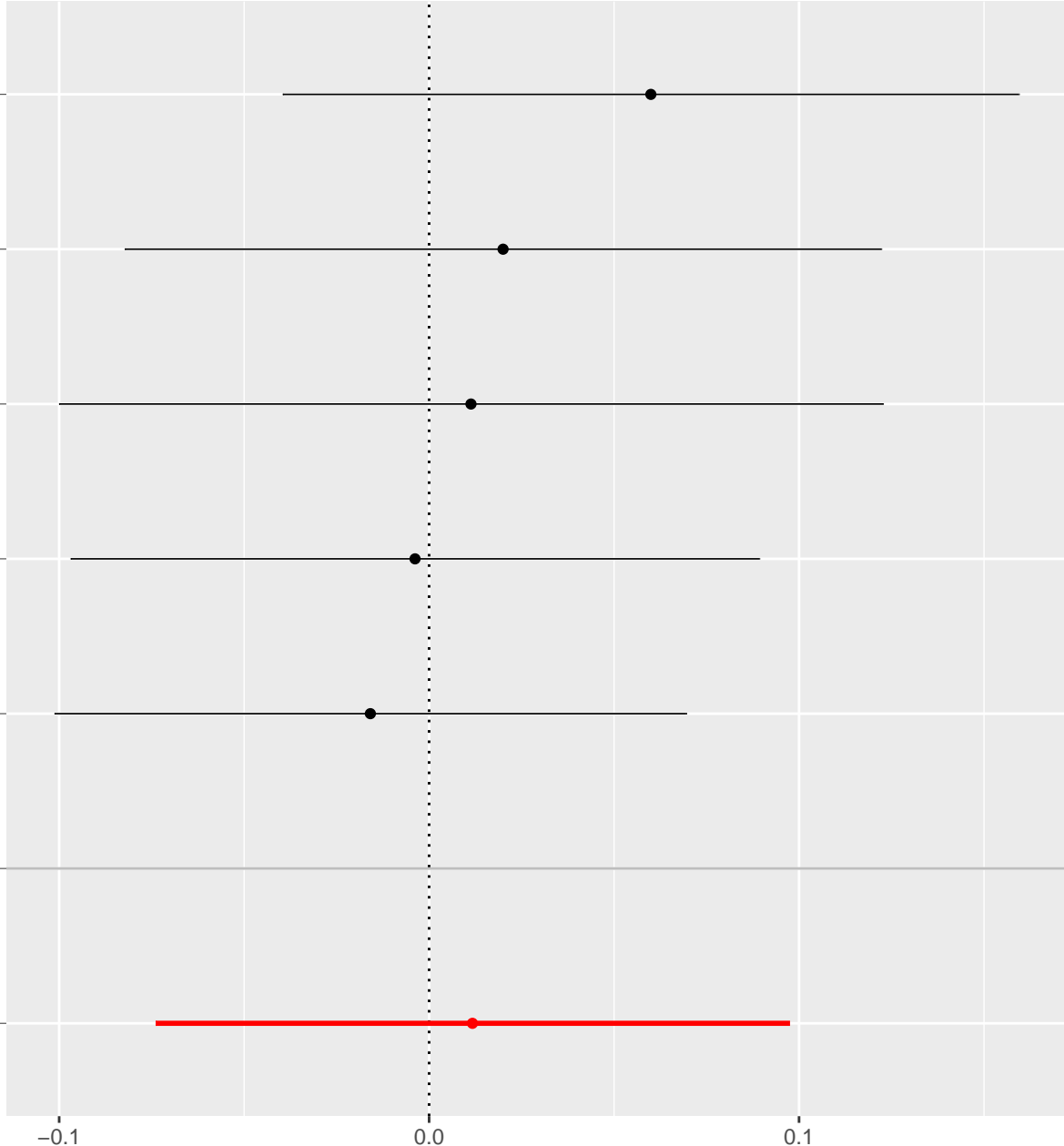
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-hydroxybutyrate (AHB) || id:420'



rs9906944

rs6728726

rs693839

rs6857

rs1558902

All

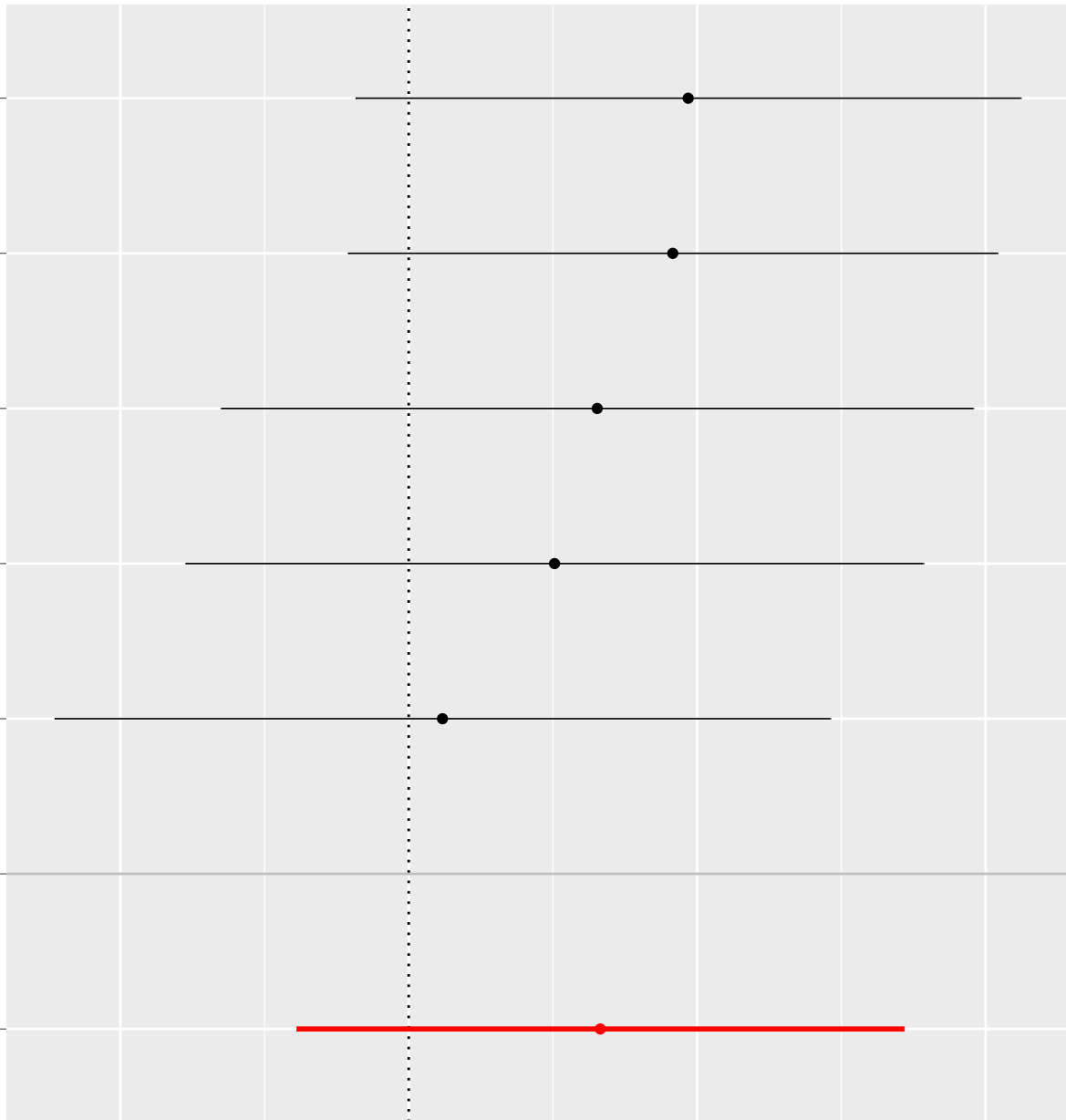
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '3-methyl-2-oxobutyrate || id:421'



rs6728726

rs693839

rs9906944

rs6857

rs1558902

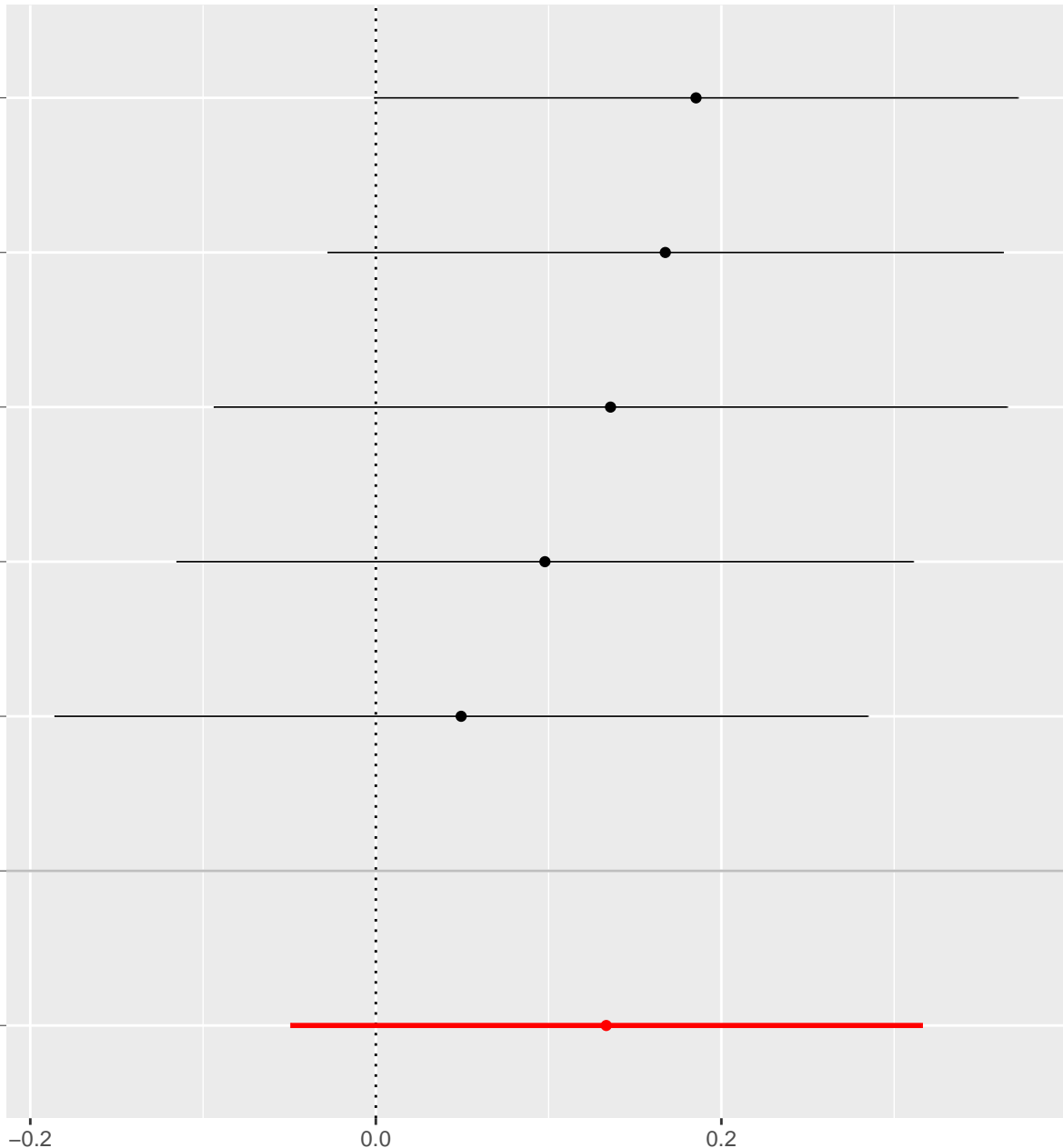
All

-0.2

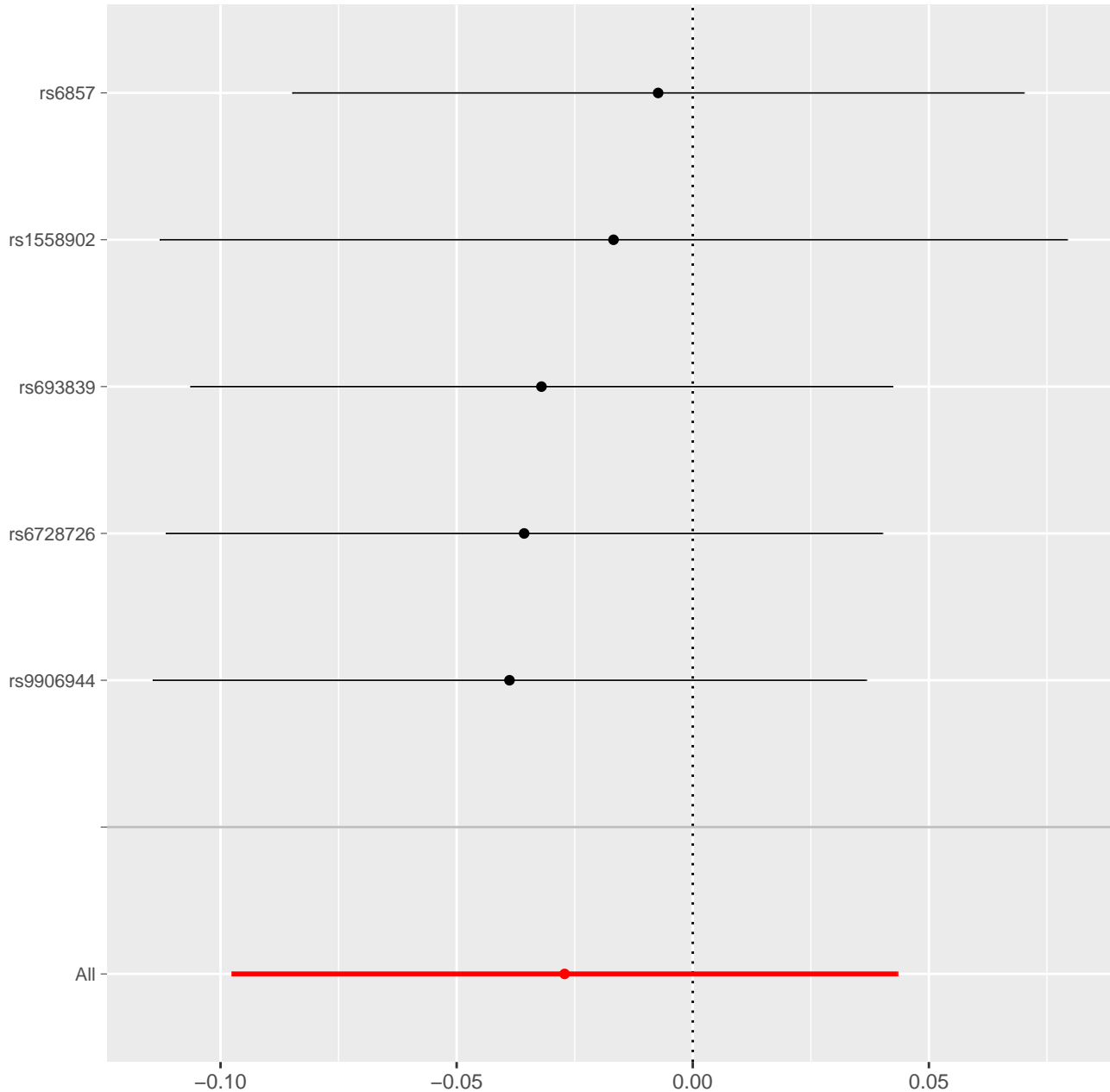
0.0

0.2

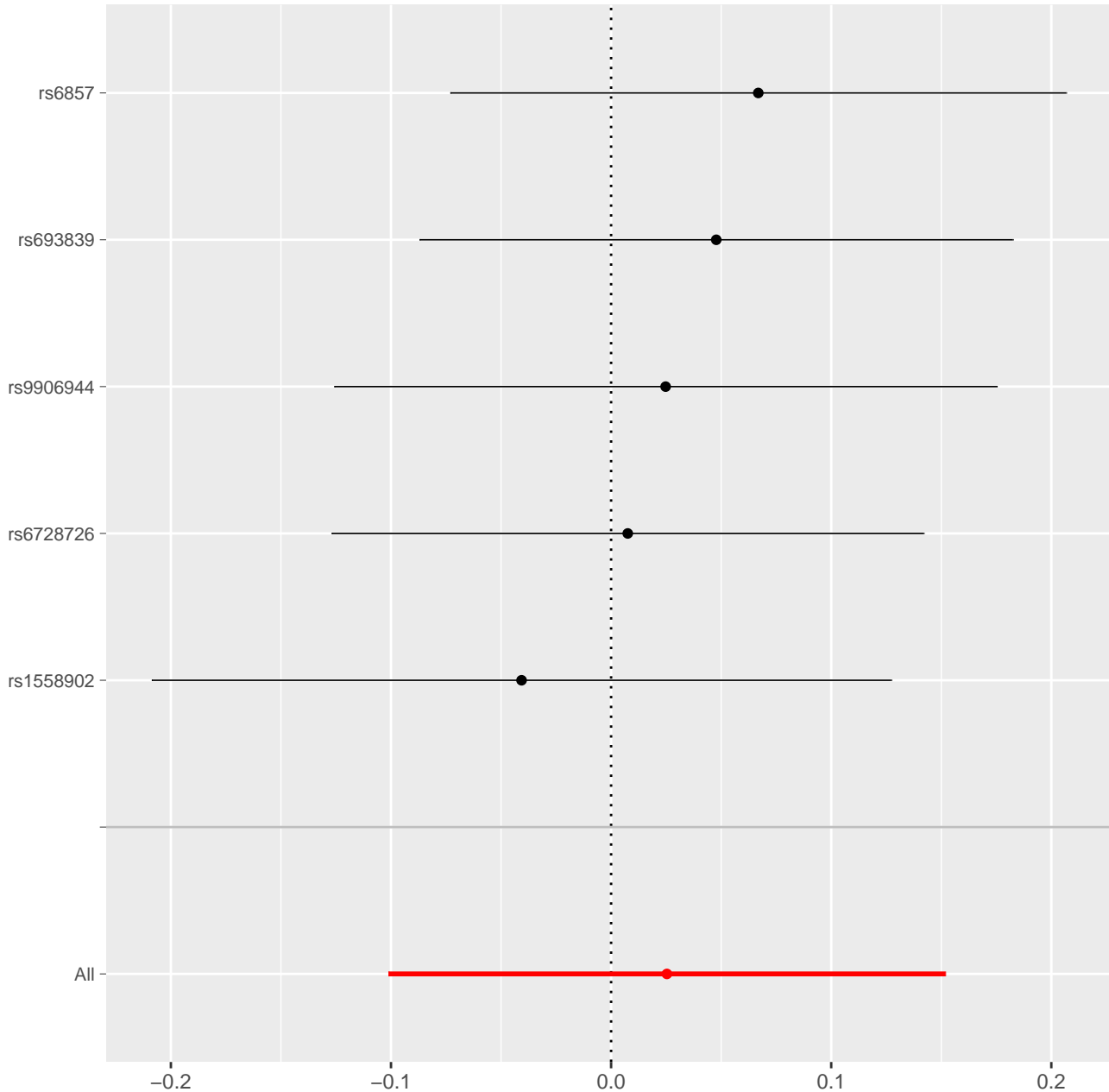
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1,6-anhydroglucose || id:422'



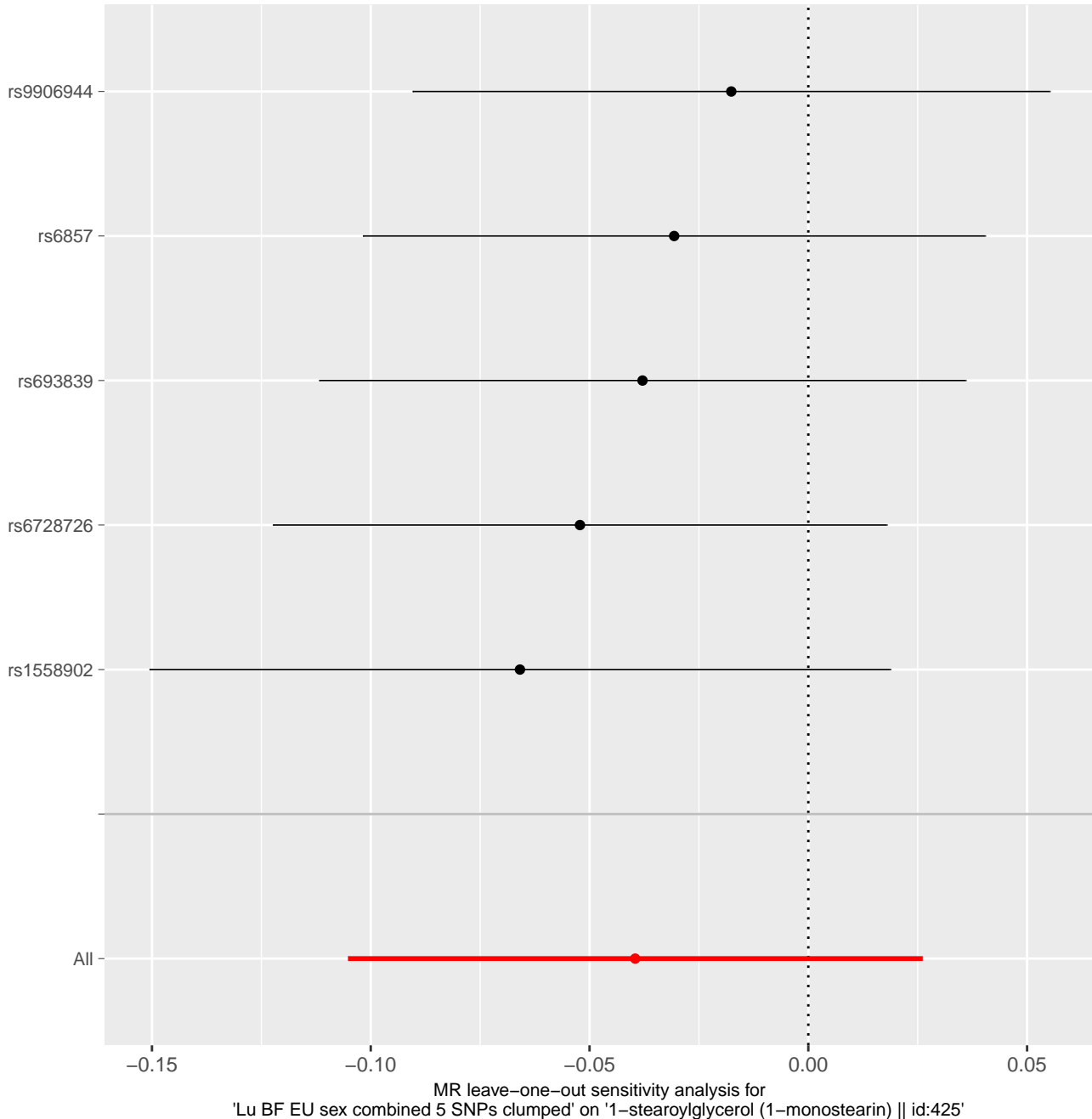




MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-palmitoylglycerol (1-monopalmitin) || id:423'



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-oleoylglycerol (1-monoolein) || id:424'



rs6728726

rs9906944

rs693839

rs1558902

rs6857

All

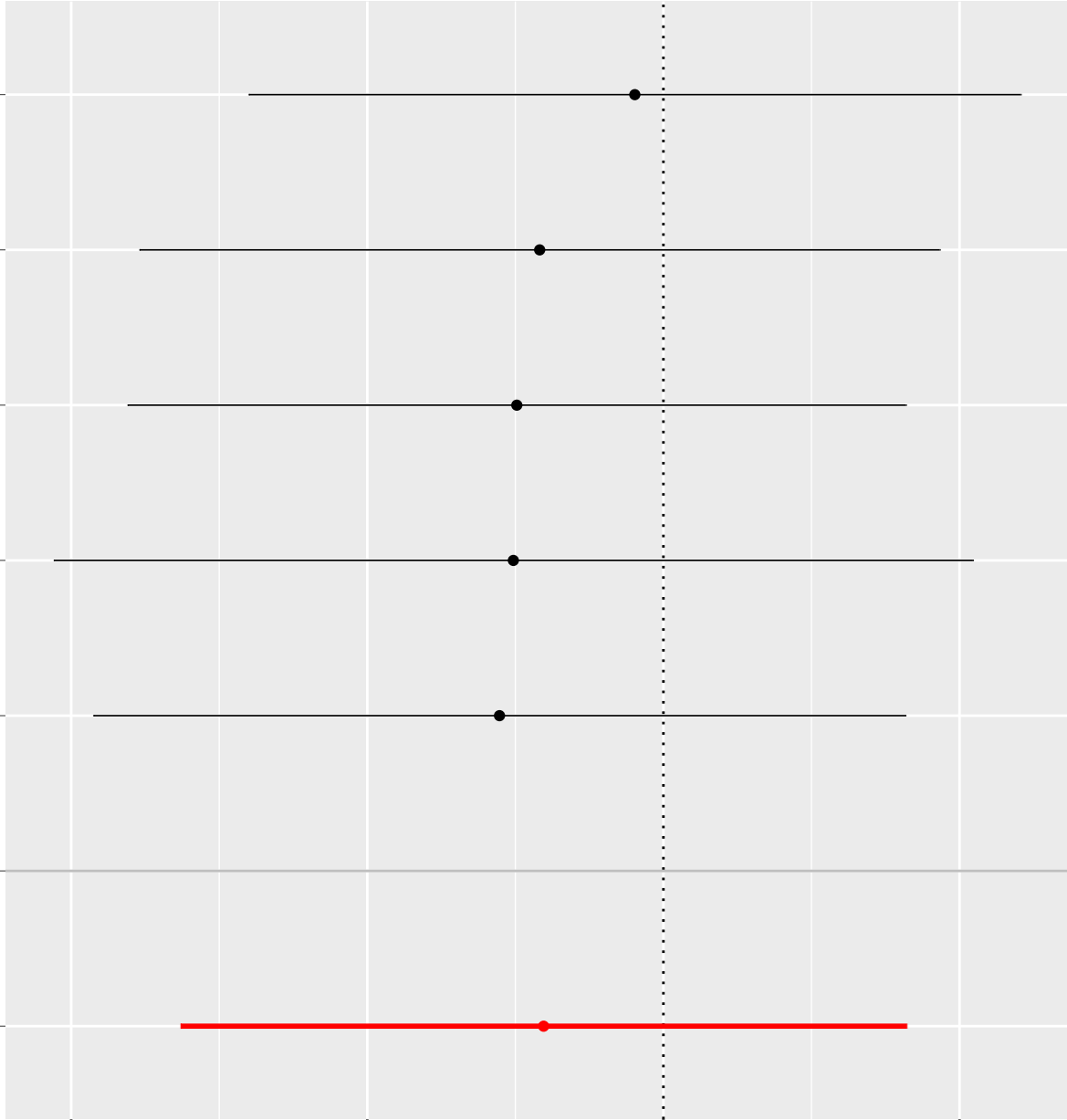
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-08402 || id:426'



rs9906944

rs6728726

rs1558902

rs693839

rs6857

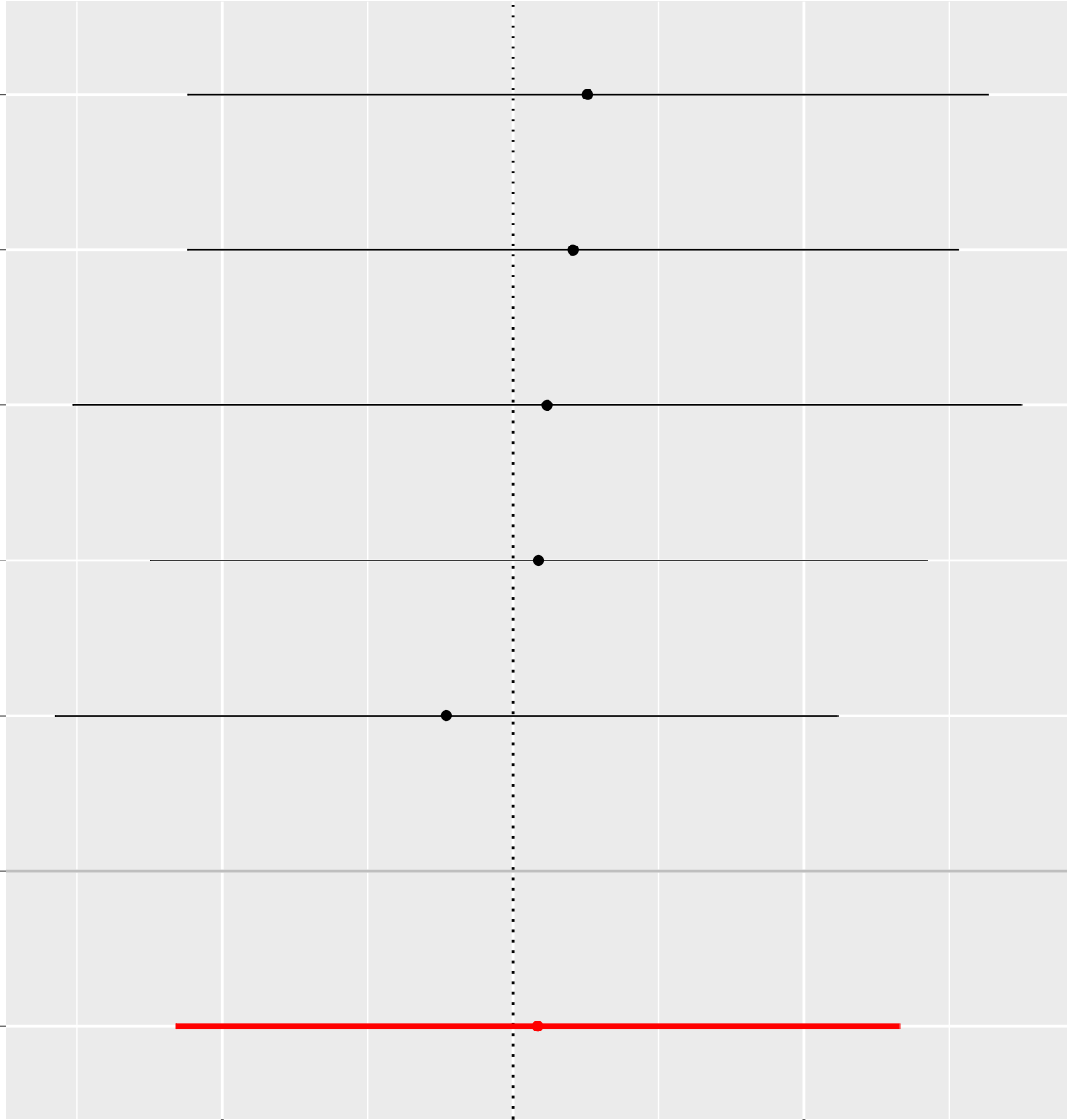
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-hydroxyisobutyrate || id:427'



rs6857

rs693839

rs9906944

rs6728726

rs1558902

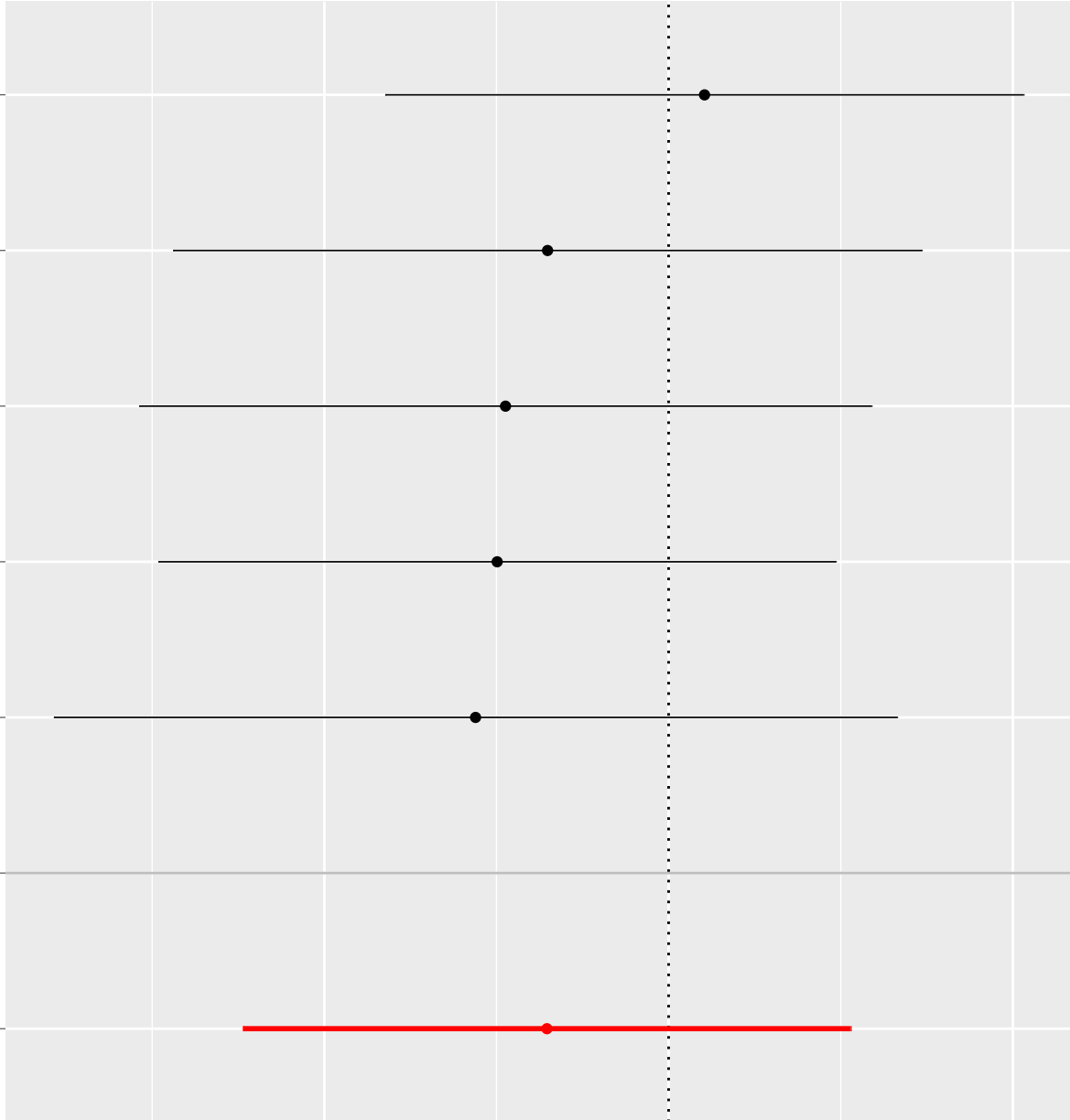
All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-08766 || id:428'

-0.1

0.0

0.1



rs6728726

rs9906944

rs693839

rs6857

rs1558902

All

-0.10

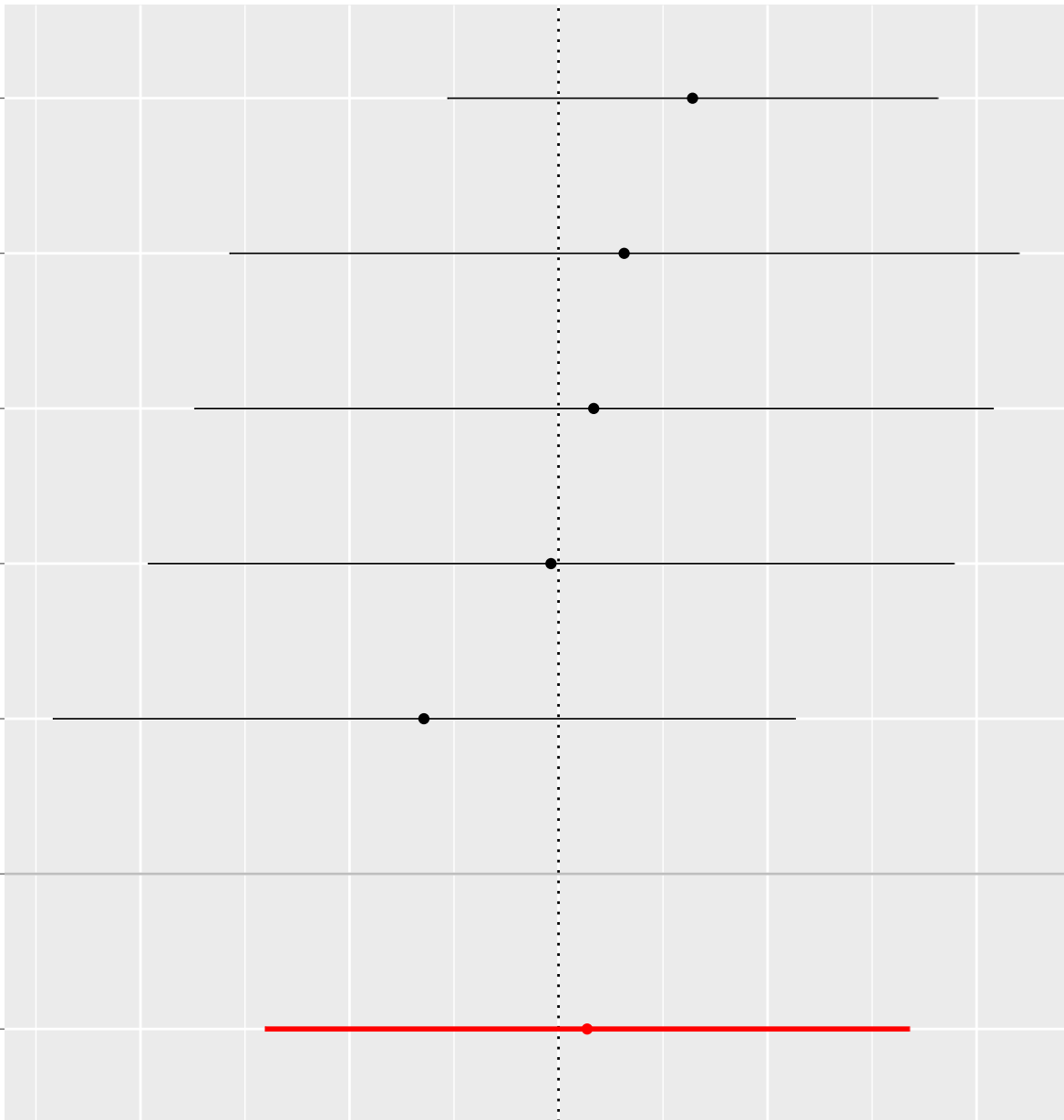
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '4-methyl-2-oxopentanoate || id:429'



rs9906944

rs693839

rs1558902

rs6728726

rs6857

All

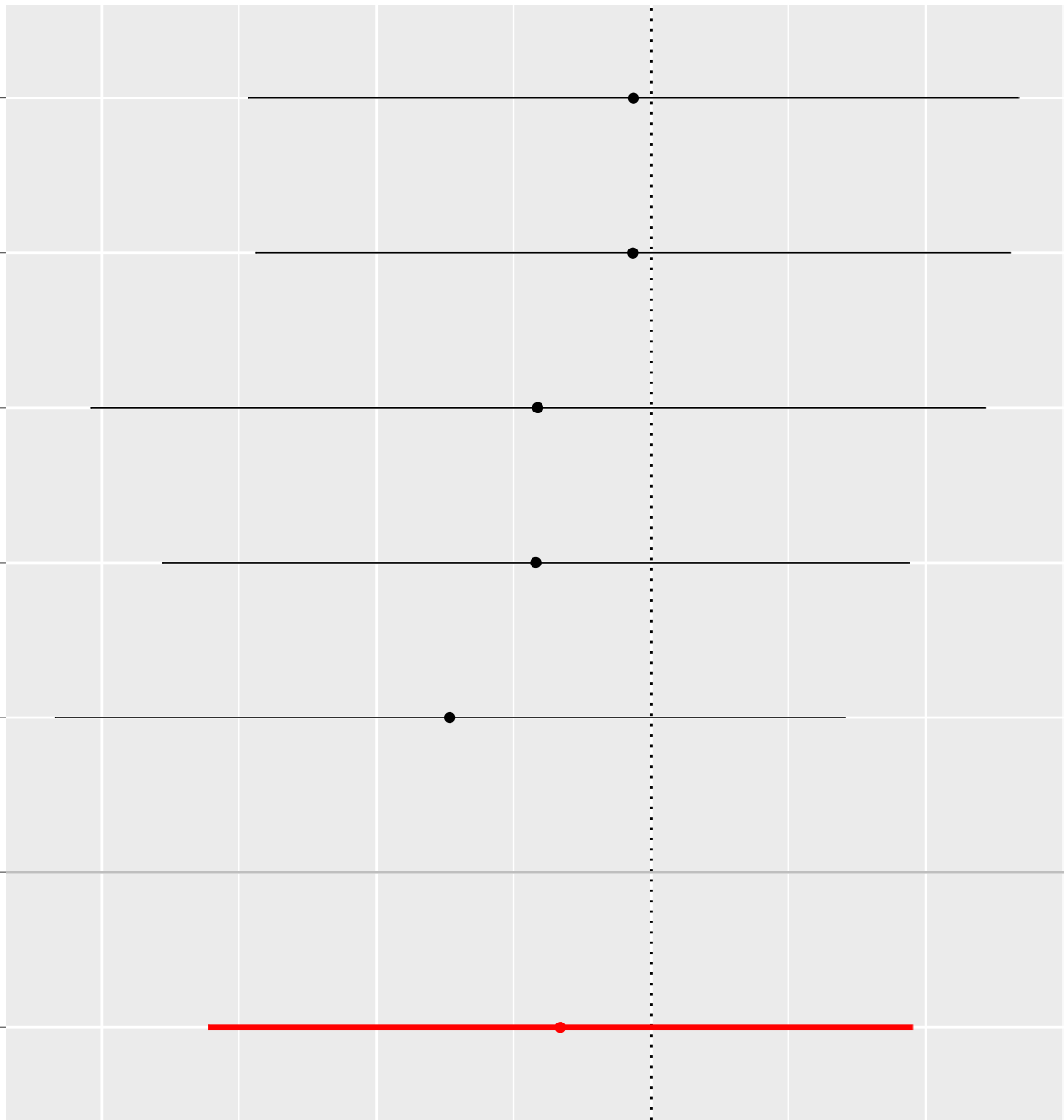
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Phenyllactate (PLA) || id:430'





rs1558902



rs6857



rs693839



rs9906944



rs6728726



All



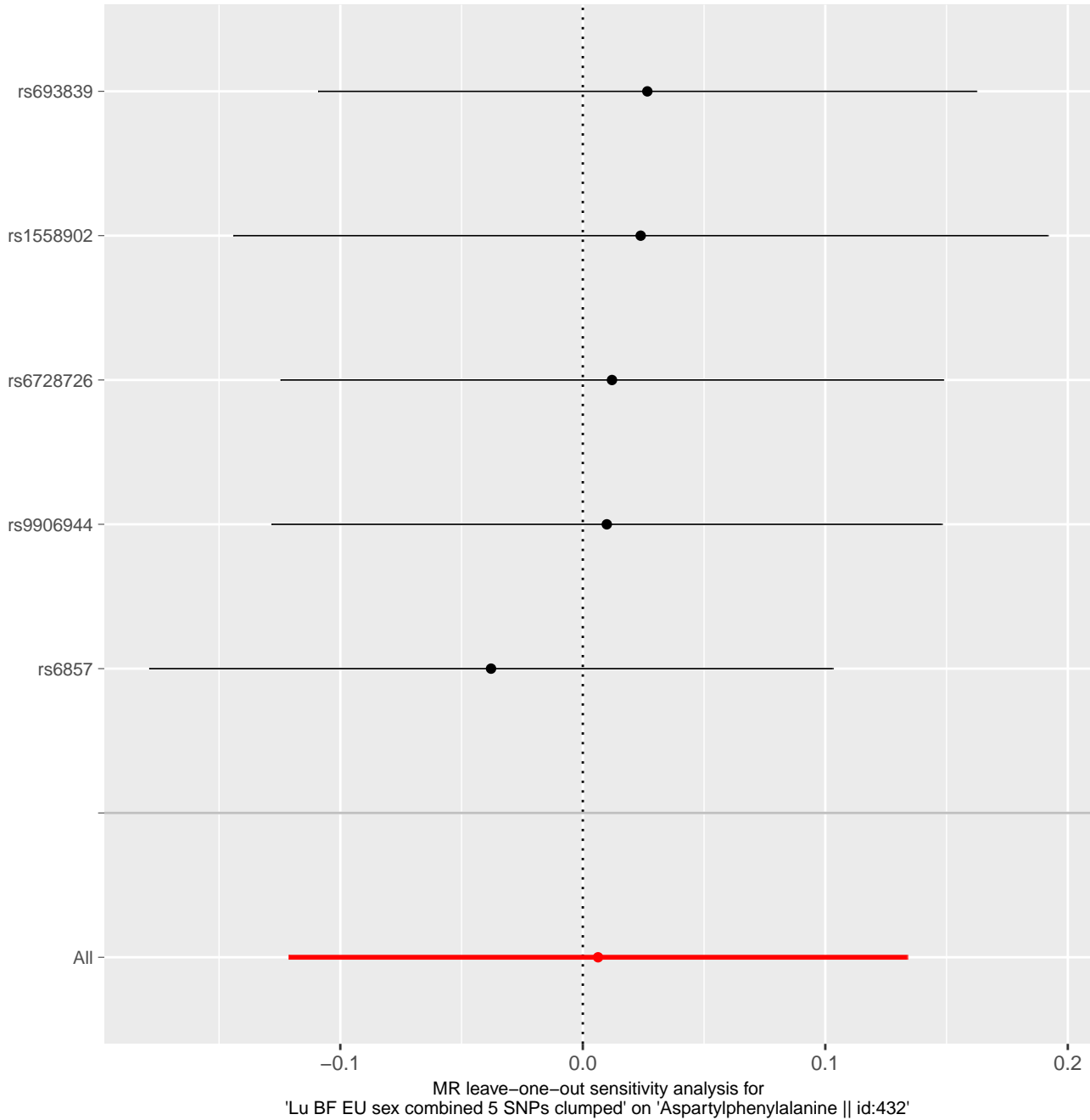
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Homocitrulline || id:431'



rs9906944

rs6857

rs6728726

rs693839

rs1558902

All

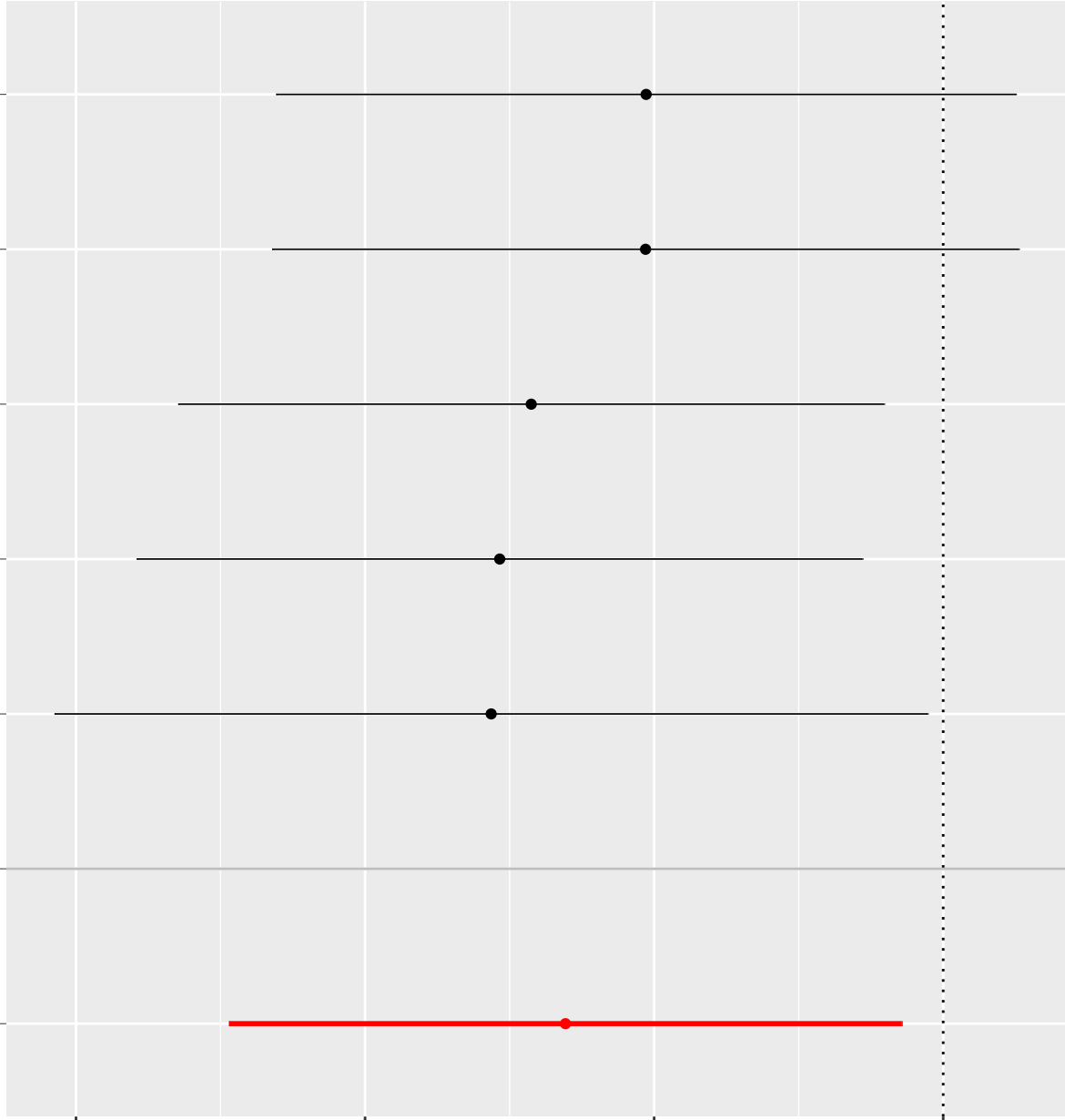
-0.12

-0.08

-0.04

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Levulinate (4-oxovalerate) || id:433'



rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

-0.10

-0.05

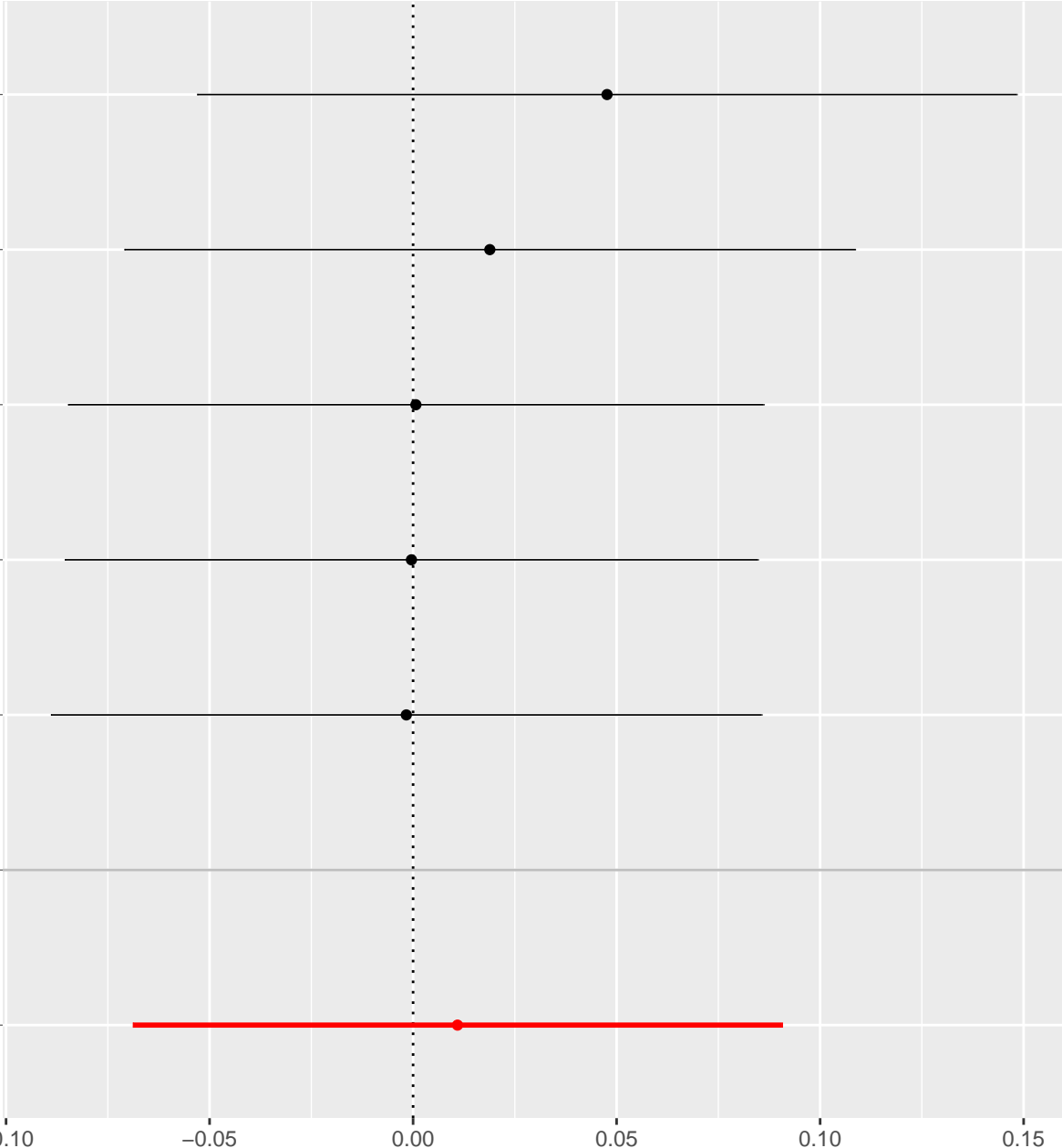
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Palmitoylcarnitine || id:434'



rs6728726

rs1558902

rs693839

rs6857

rs9906944

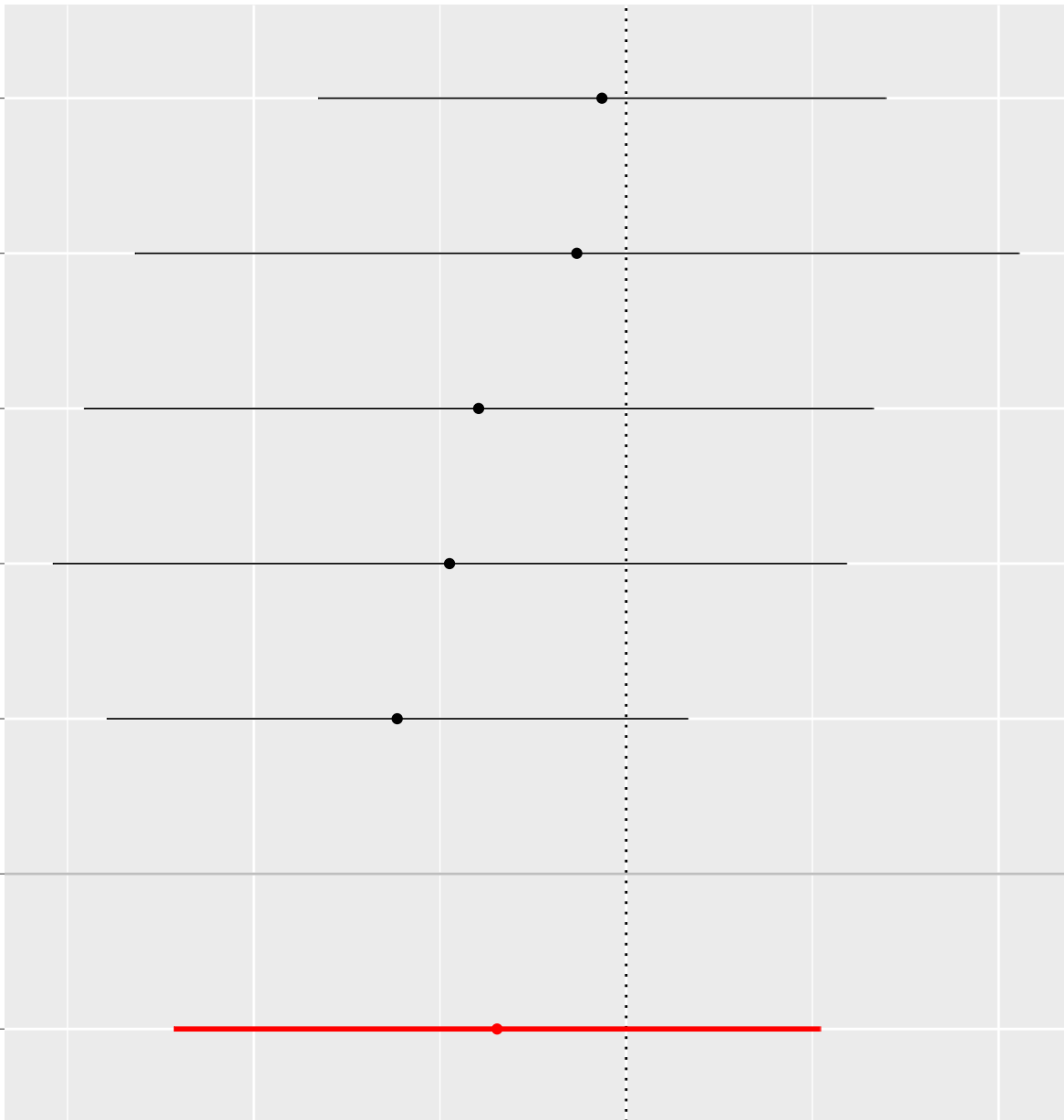
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-08988 || id:435'



rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

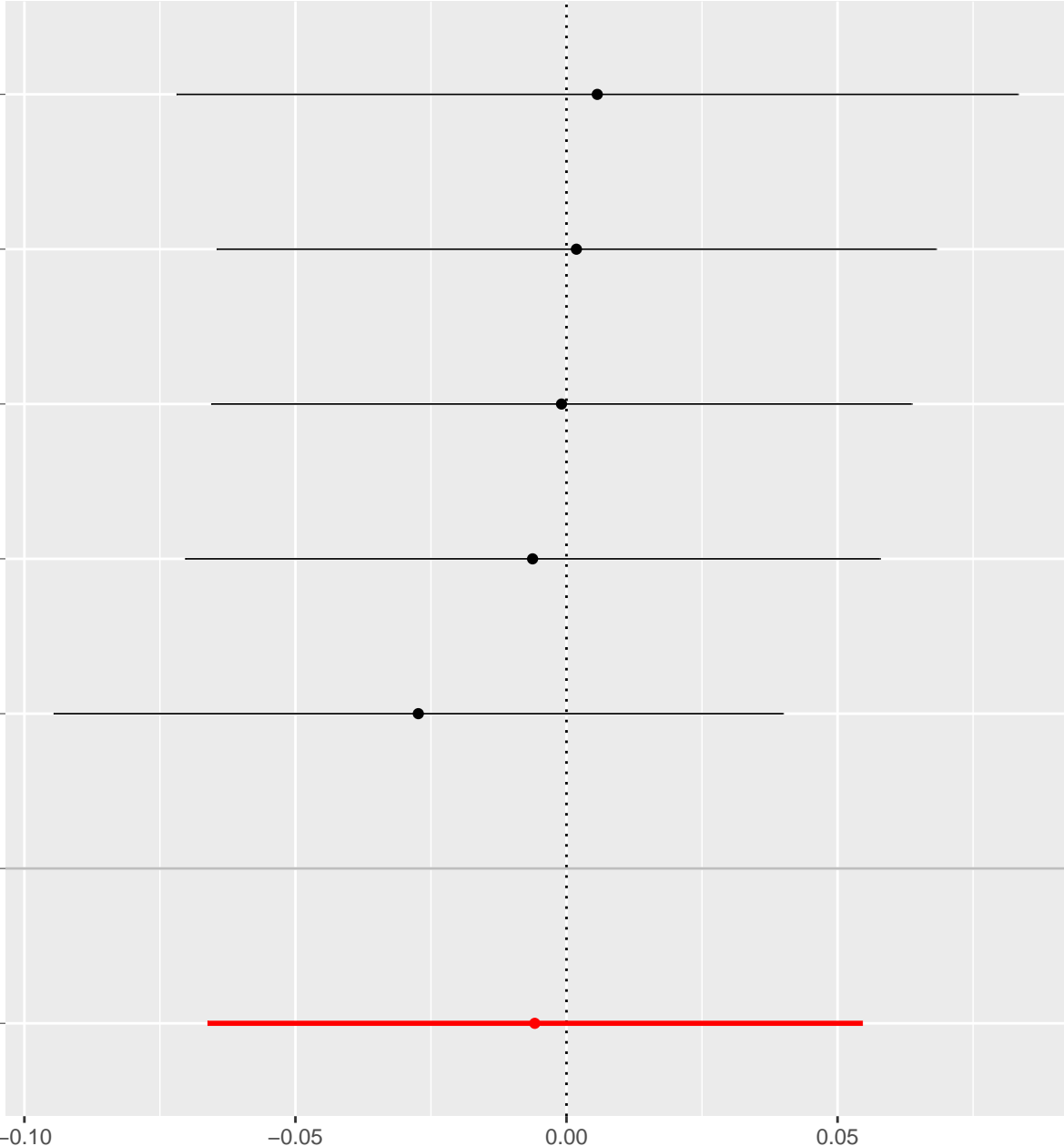
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-09026 || id:436'



rs6728726

rs693839

rs9906944

rs1558902

rs6857

All

-0.10

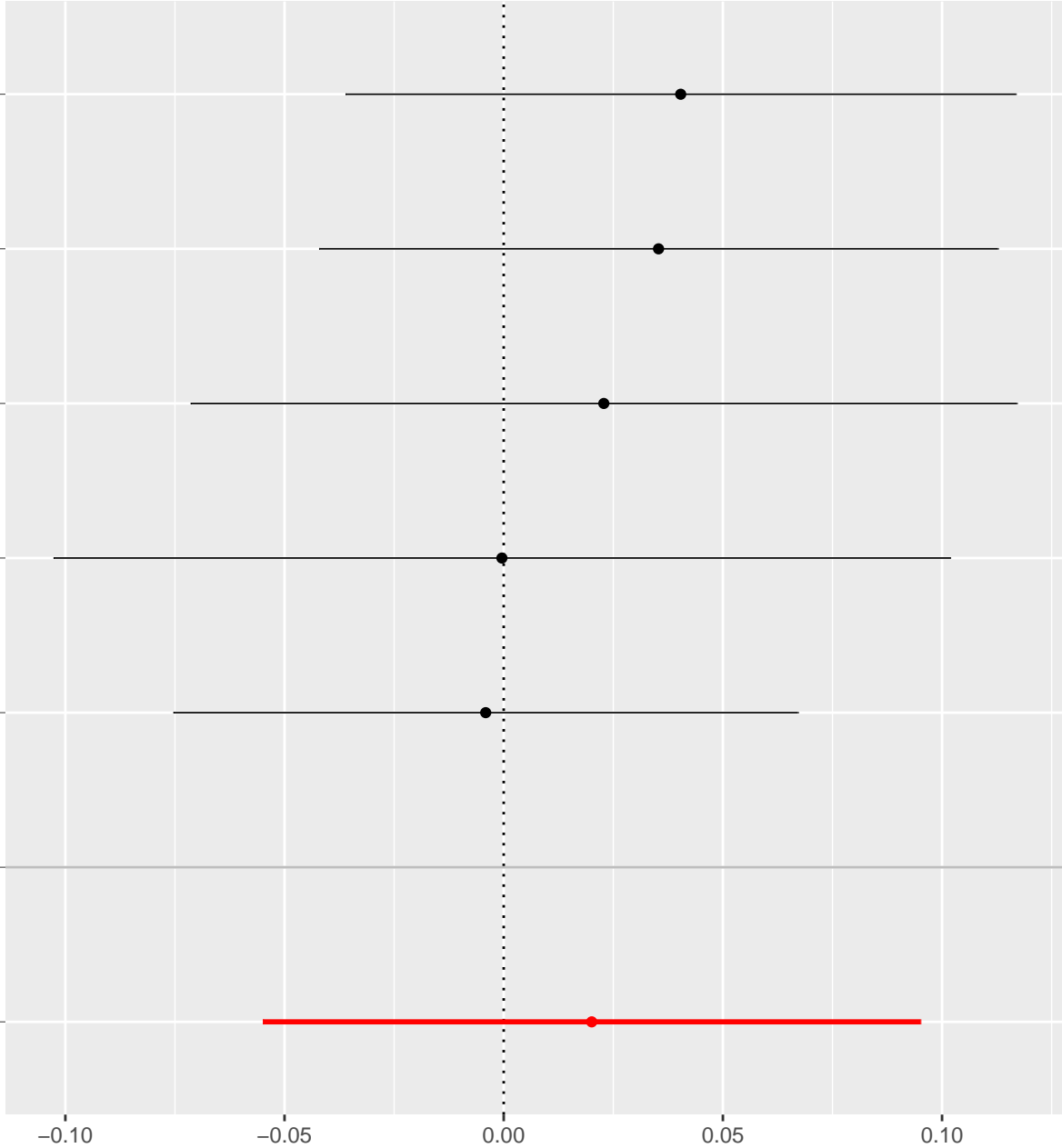
-0.05

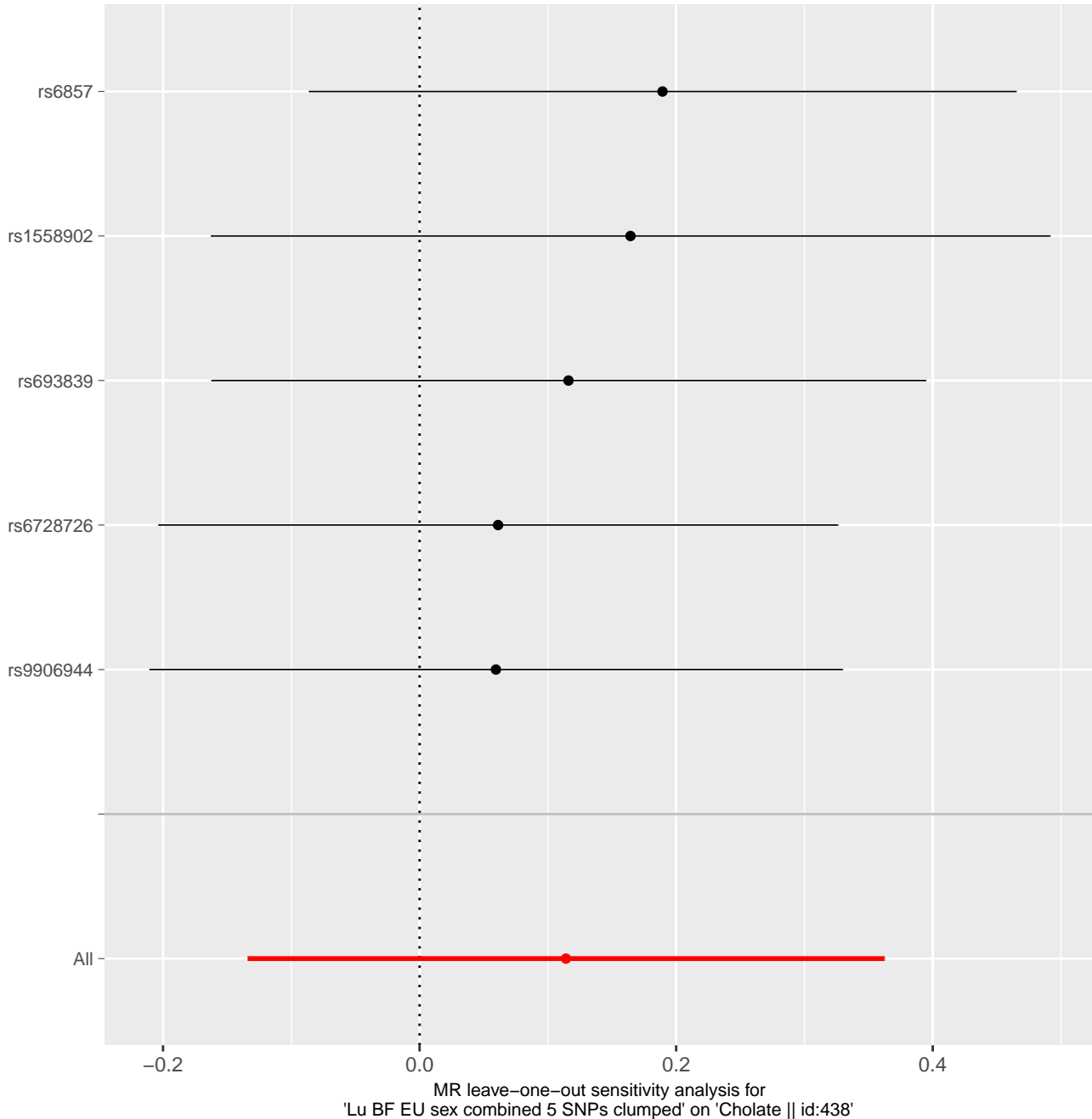
0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-09108 || id:437'







rs1558902

rs6728726

rs693839

rs9906944

rs6857

All

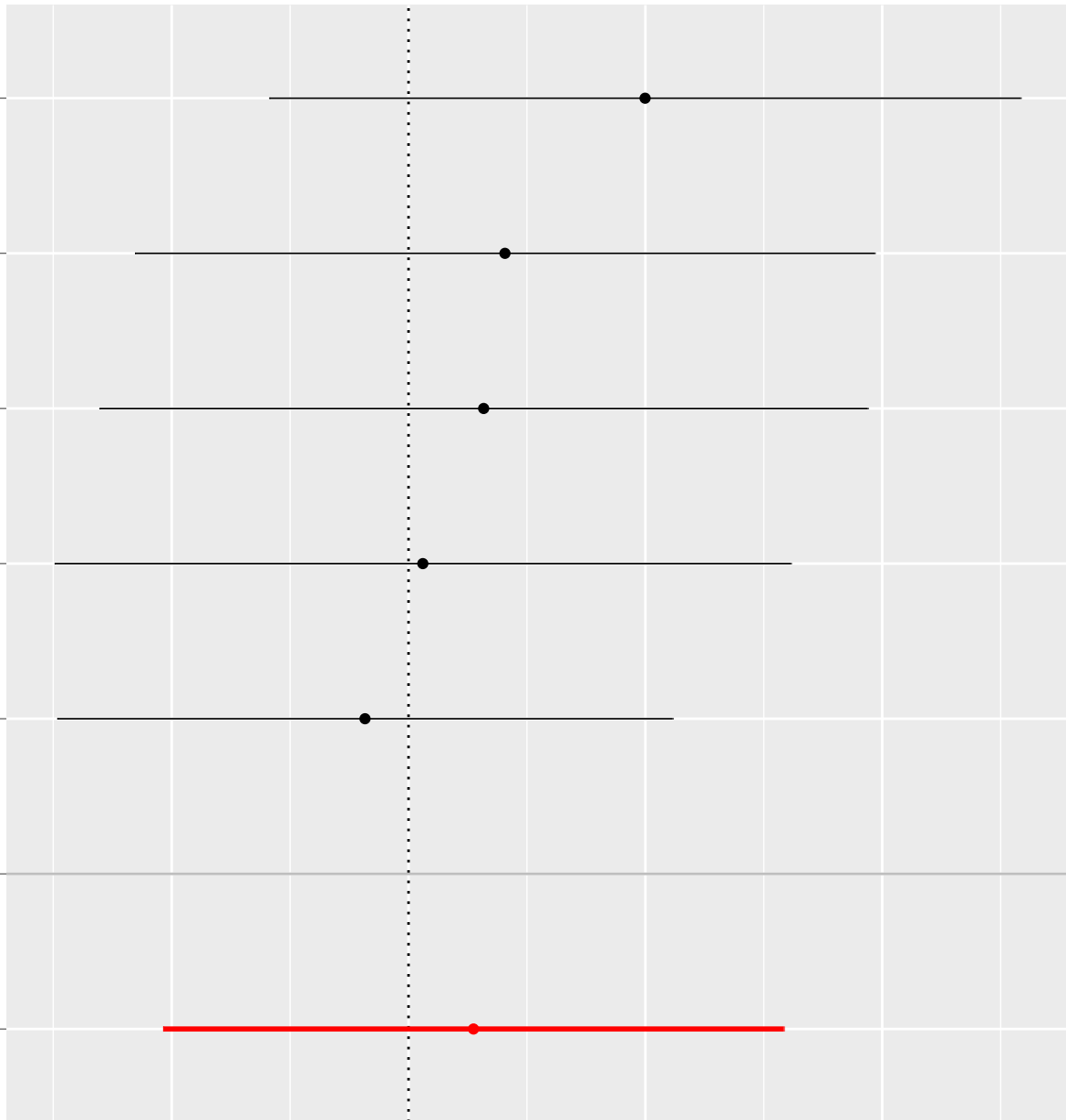
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-09706 || id:439'



rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

-0.15

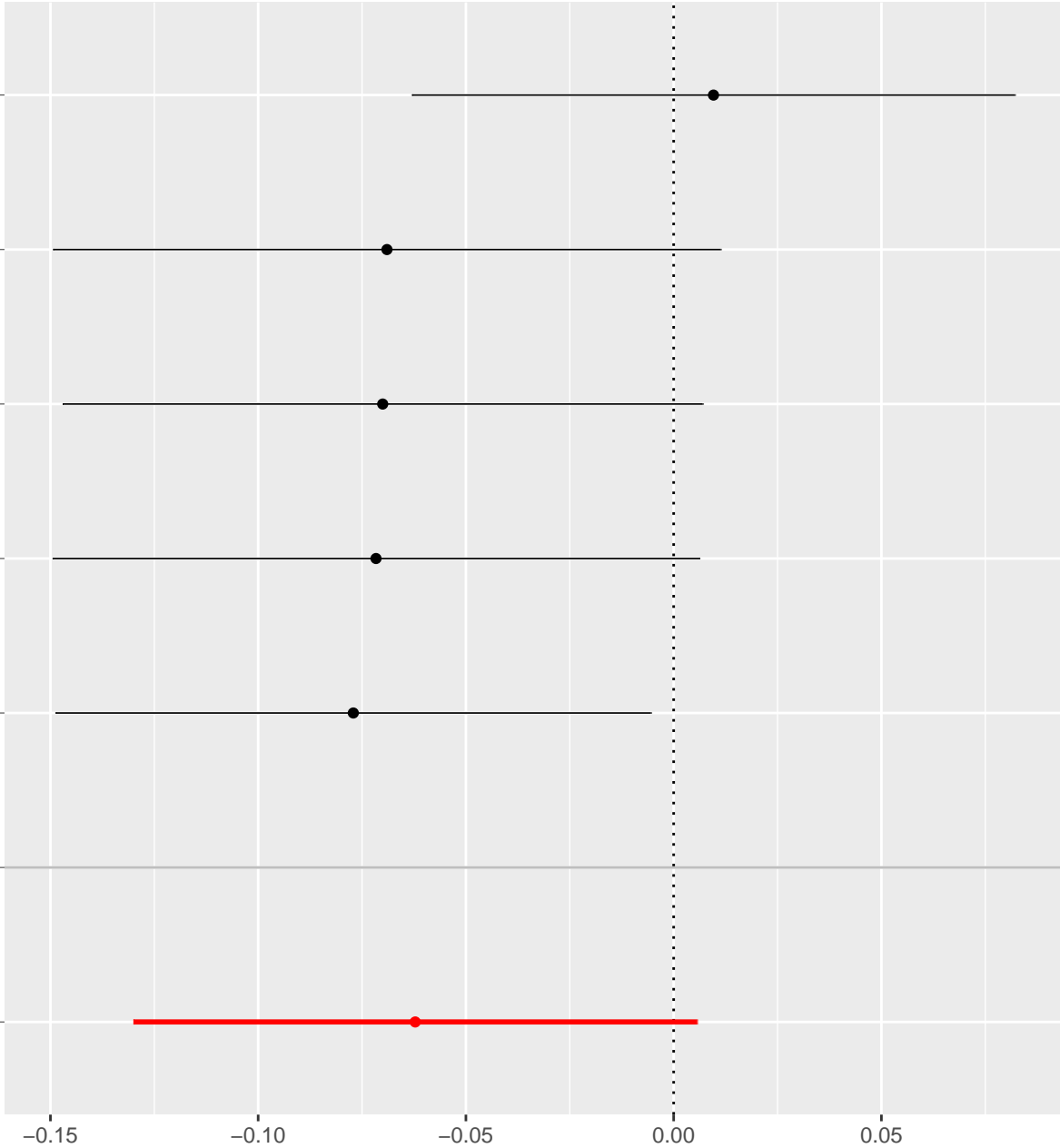
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-10395 || id:440'



rs1558902

rs6857

rs6728726

rs9906944

rs693839

All

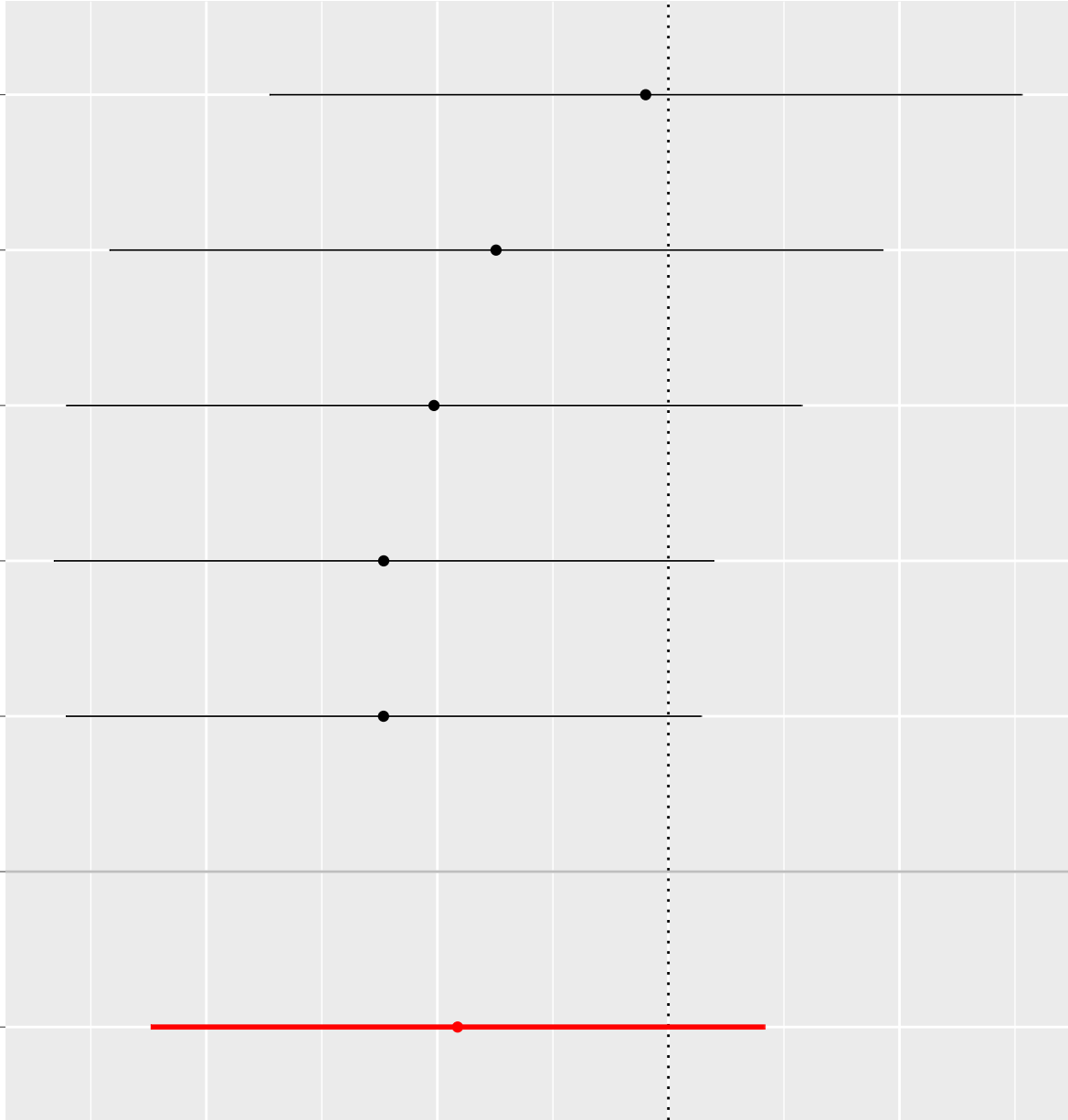
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-10429 || id:441'



rs6728726

rs693839

rs6857

rs9906944

rs1558902

All

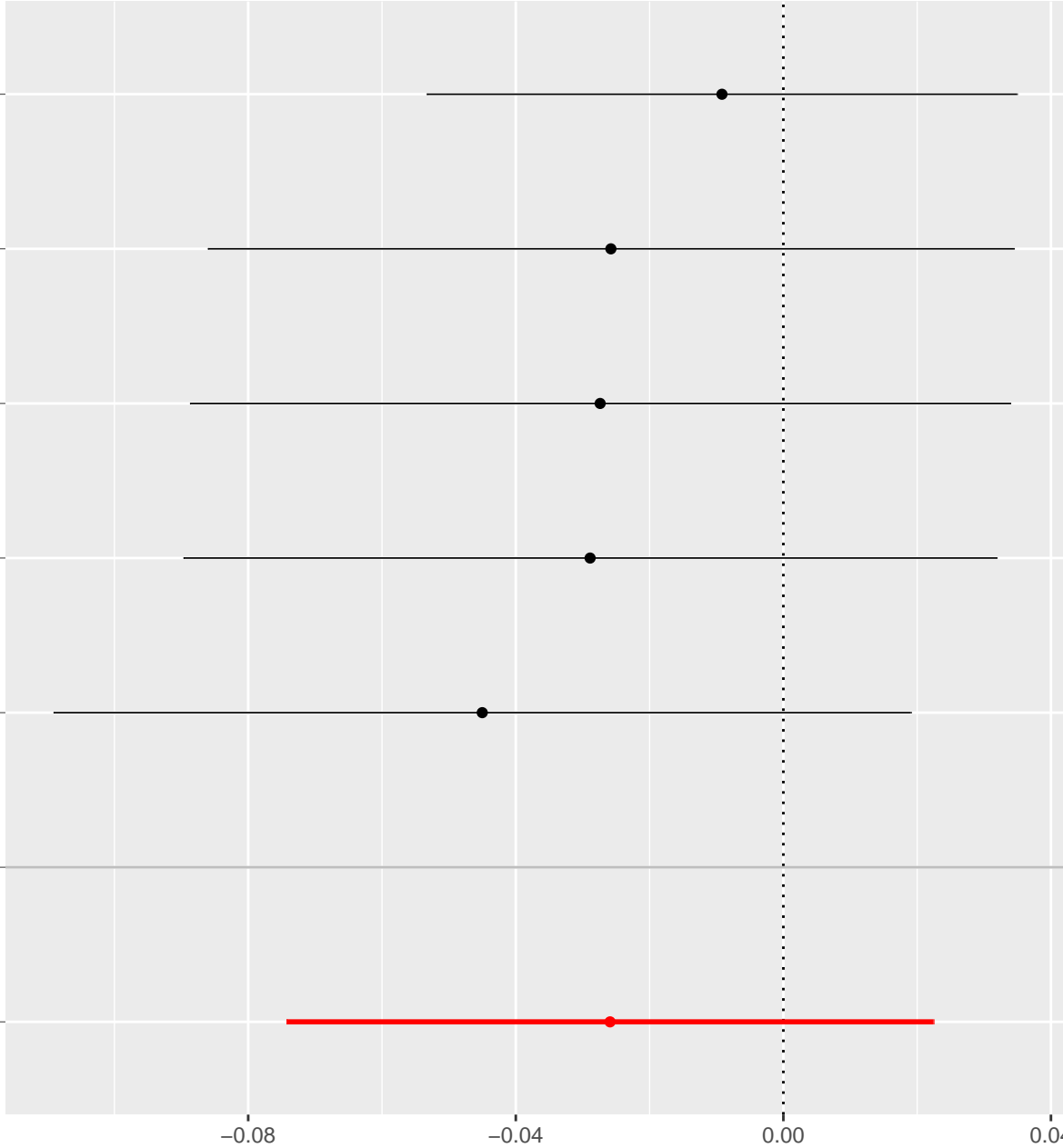
-0.08

-0.04

0.00

0.04

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-10500 || id:442'



rs6728726

rs693839

rs6857

rs9906944

rs1558902

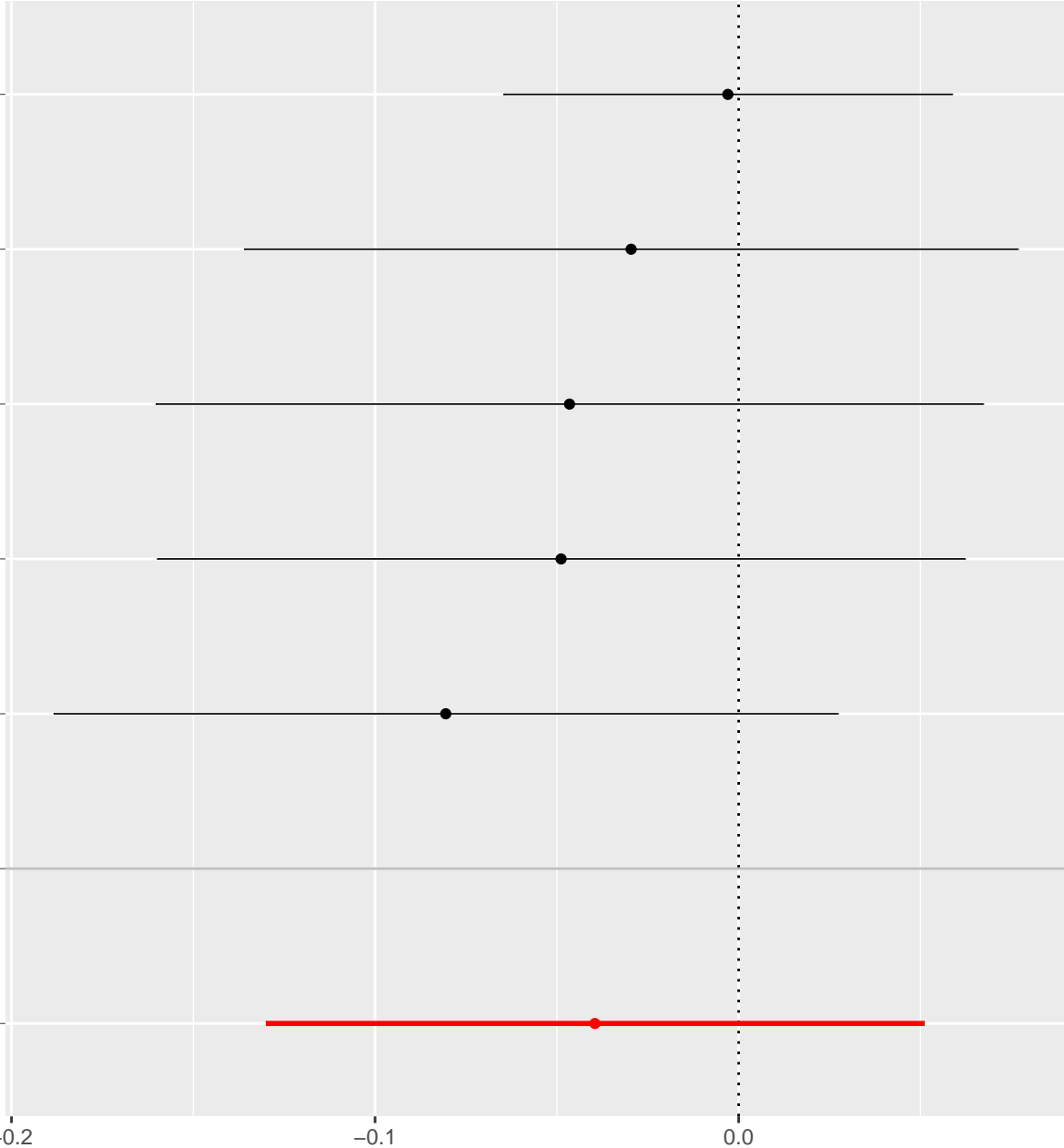
All

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-10506 || id:443'



rs6728726

rs6857

rs1558902

rs693839

rs9906944

All

-0.15

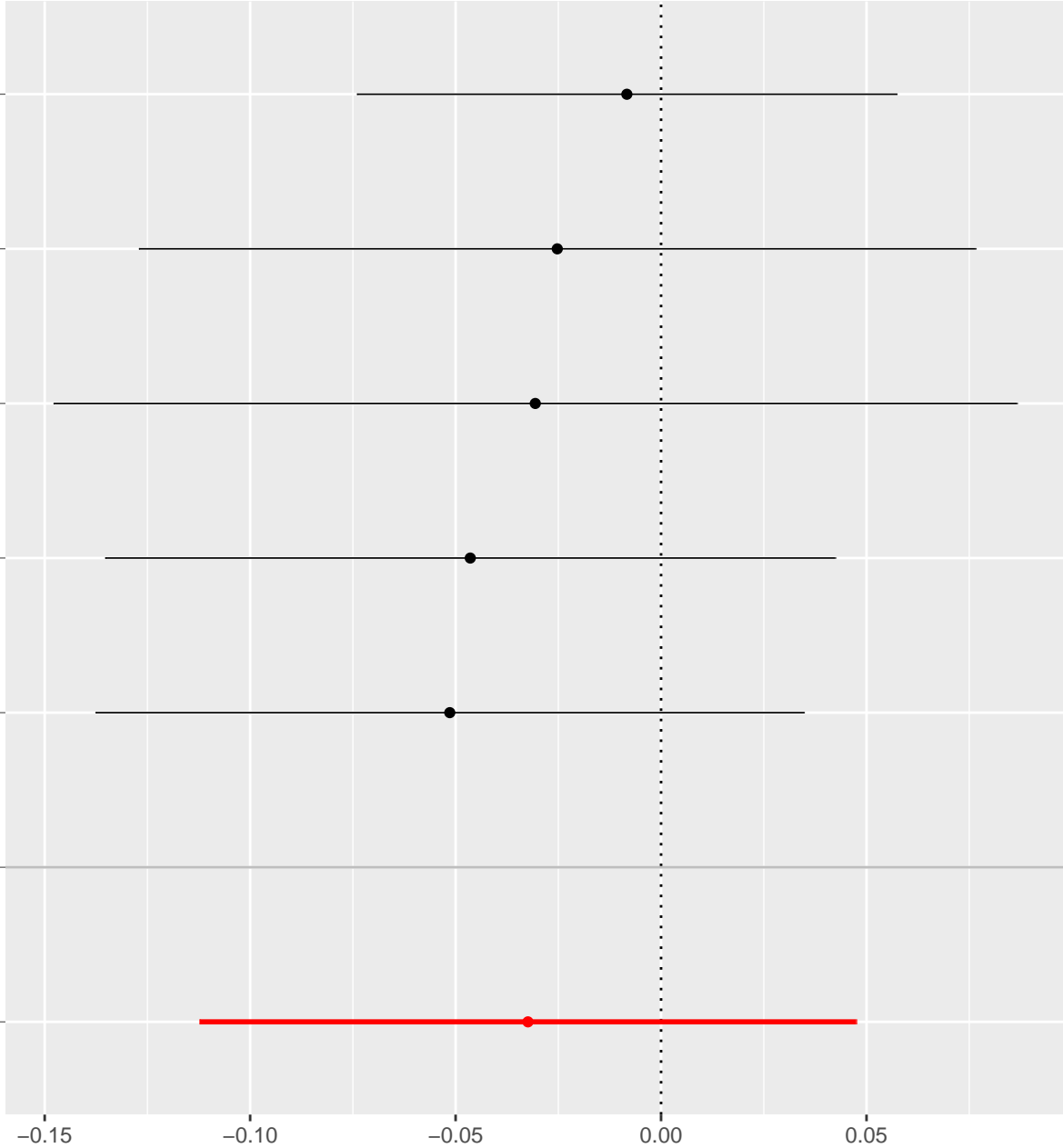
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-10510 || id:444'



rs1558902

rs6857

rs9906944

rs6728726

rs693839

All

0.0

0.1

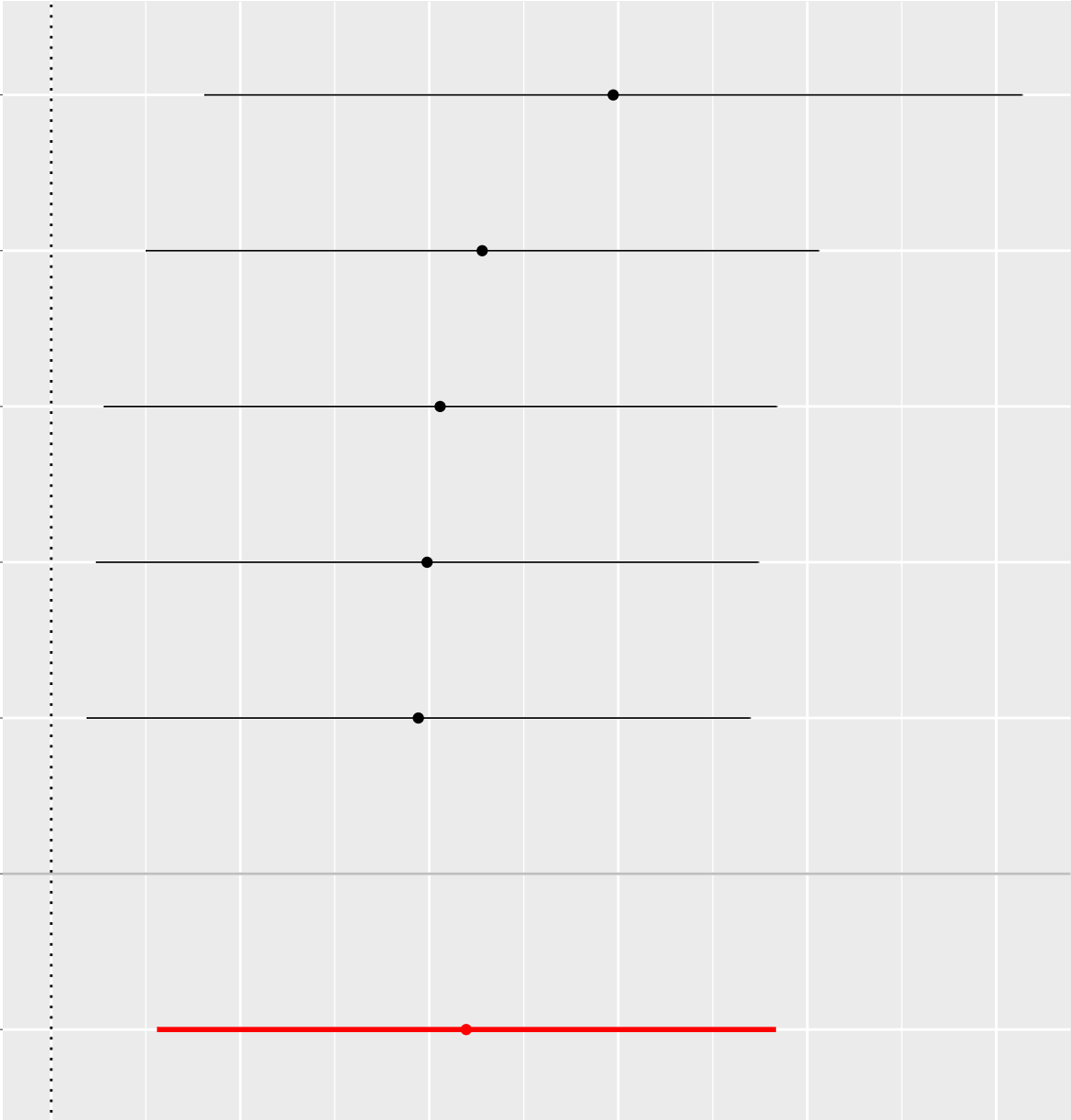
0.2

0.3

0.4

0.5

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-linoleoylglycerol (1-monolinolein) || id:445'



rs1558902

rs693839

rs9906944

rs6728726

rs6857

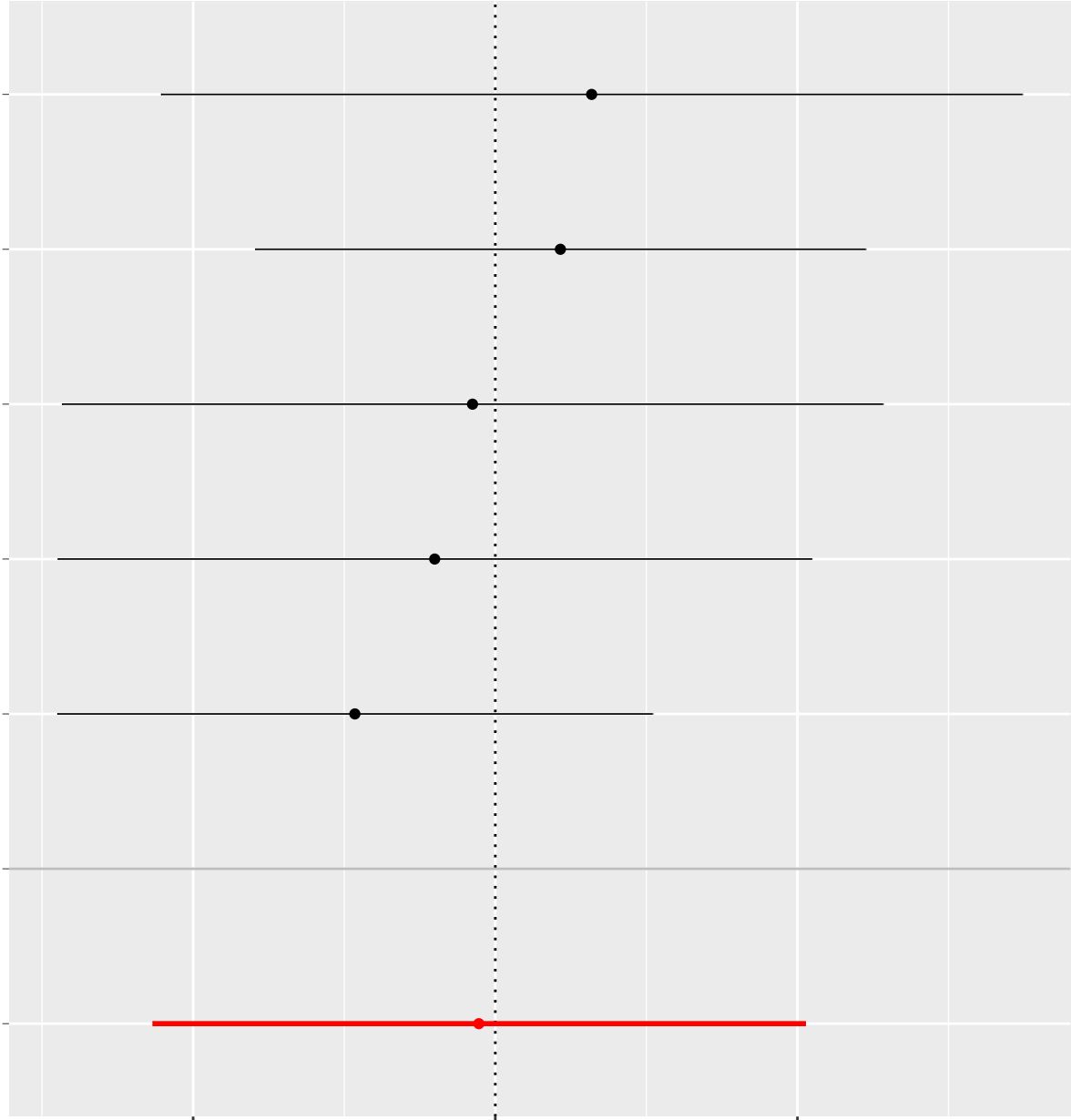
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Indoleacetate || id:446'





rs6728726

rs6857

rs693839

rs9906944

rs1558902

All

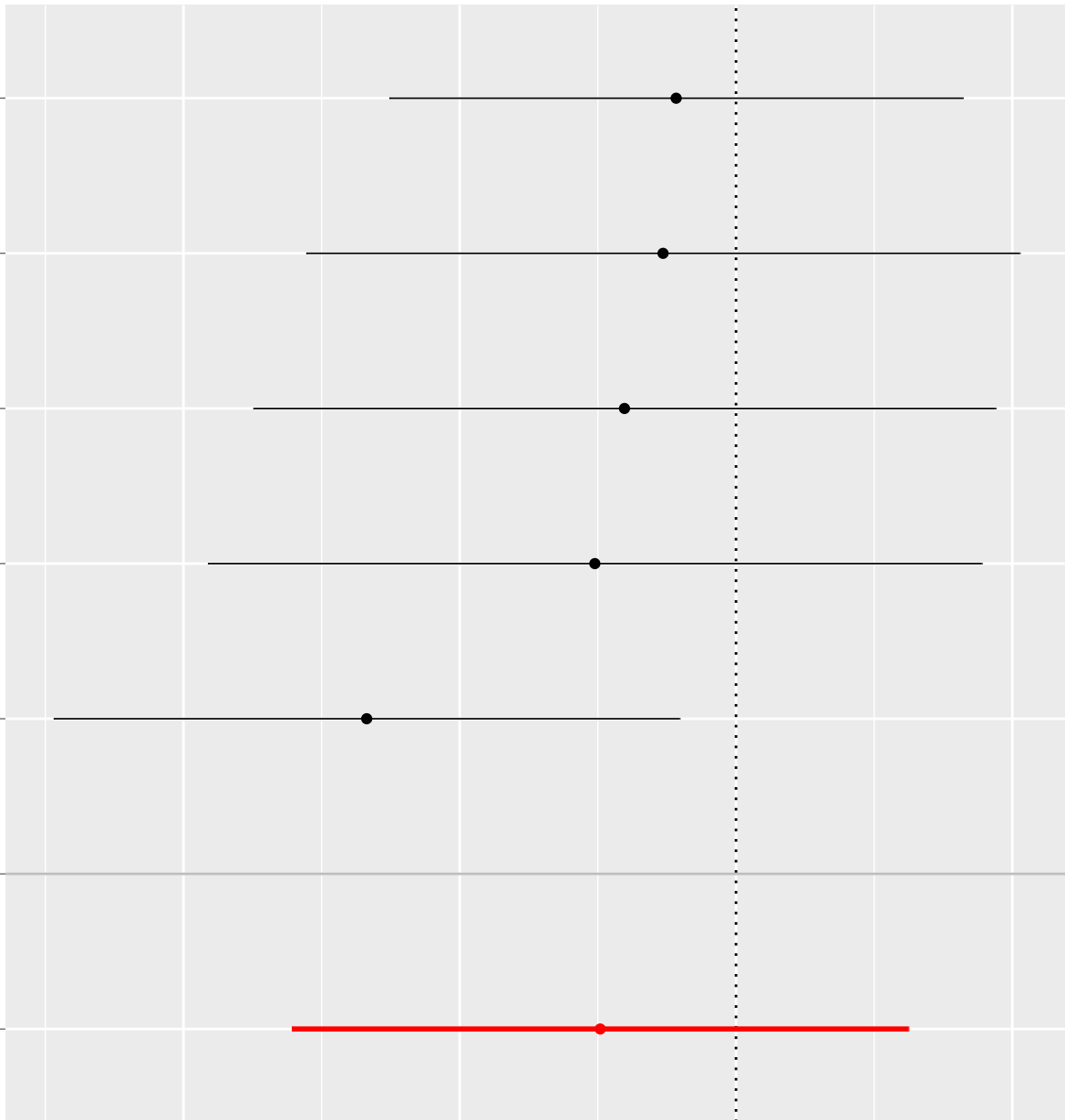
-0.4

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Hydoexocholate || id:447'



rs6728726

rs6857

rs693839

rs9906944

rs1558902

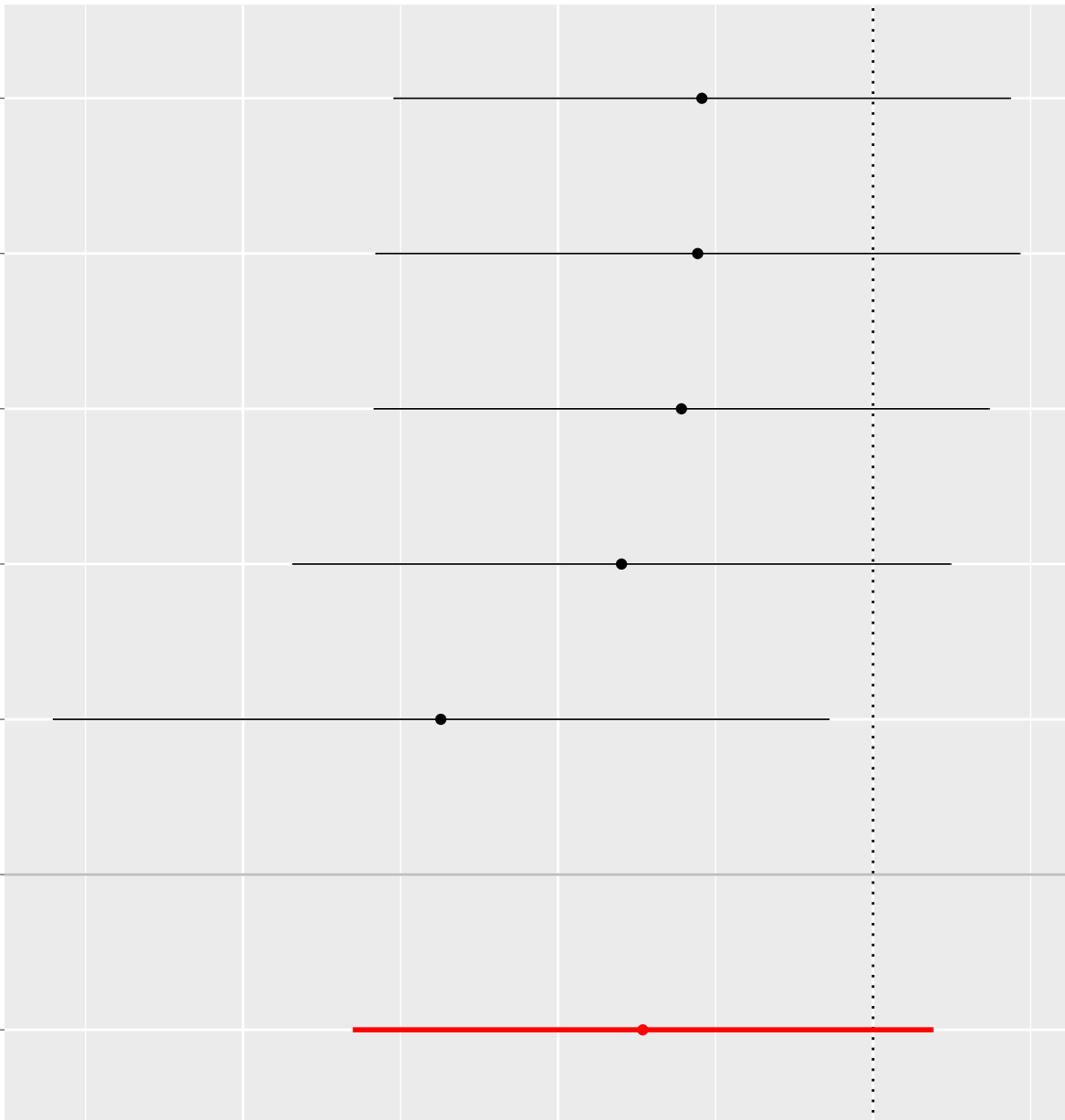
All

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '3-indoxyl sulfate || id:448'



rs1558902

rs6728726

rs6857

rs9906944

rs693839

All

-0.2

-0.1

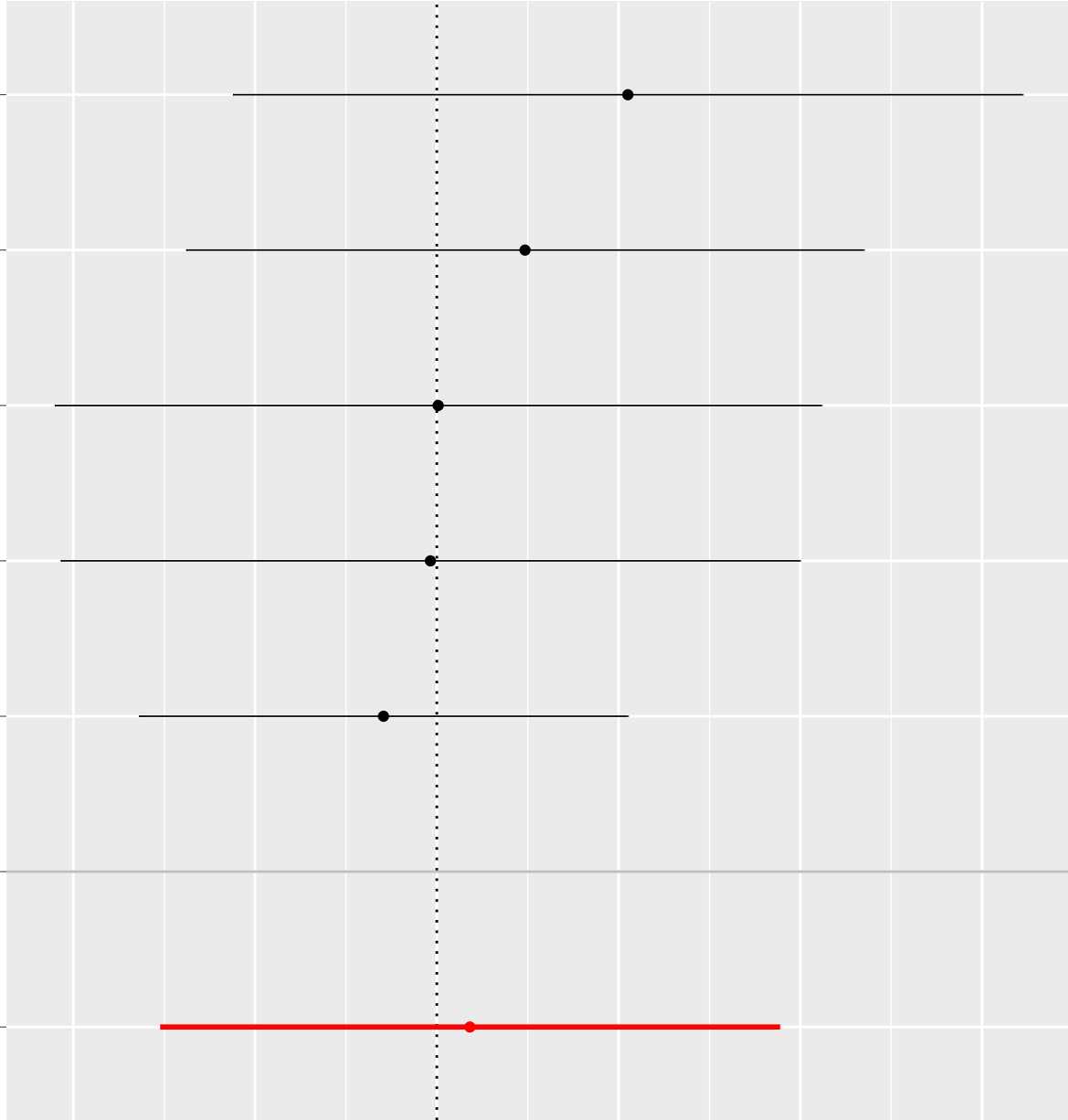
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'N-acetylglycine || id:449'



rs1558902

rs6857

rs6728726

rs9906944

rs693839

All

-0.3

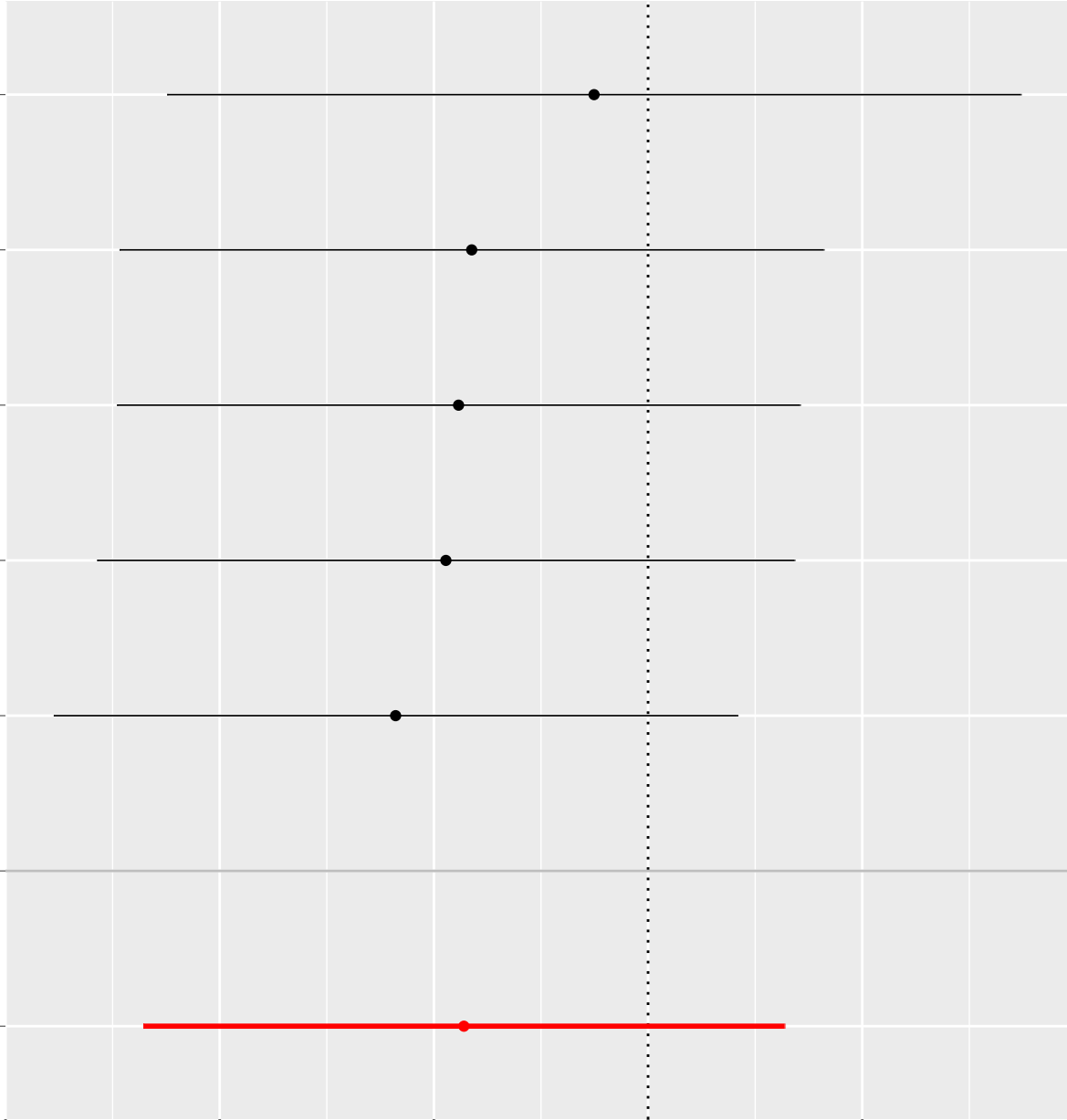
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Bilirubin (Z,Z) || id:450'



rs6728726

rs9906944

rs6857

rs693839

rs1558902

All

-0.10

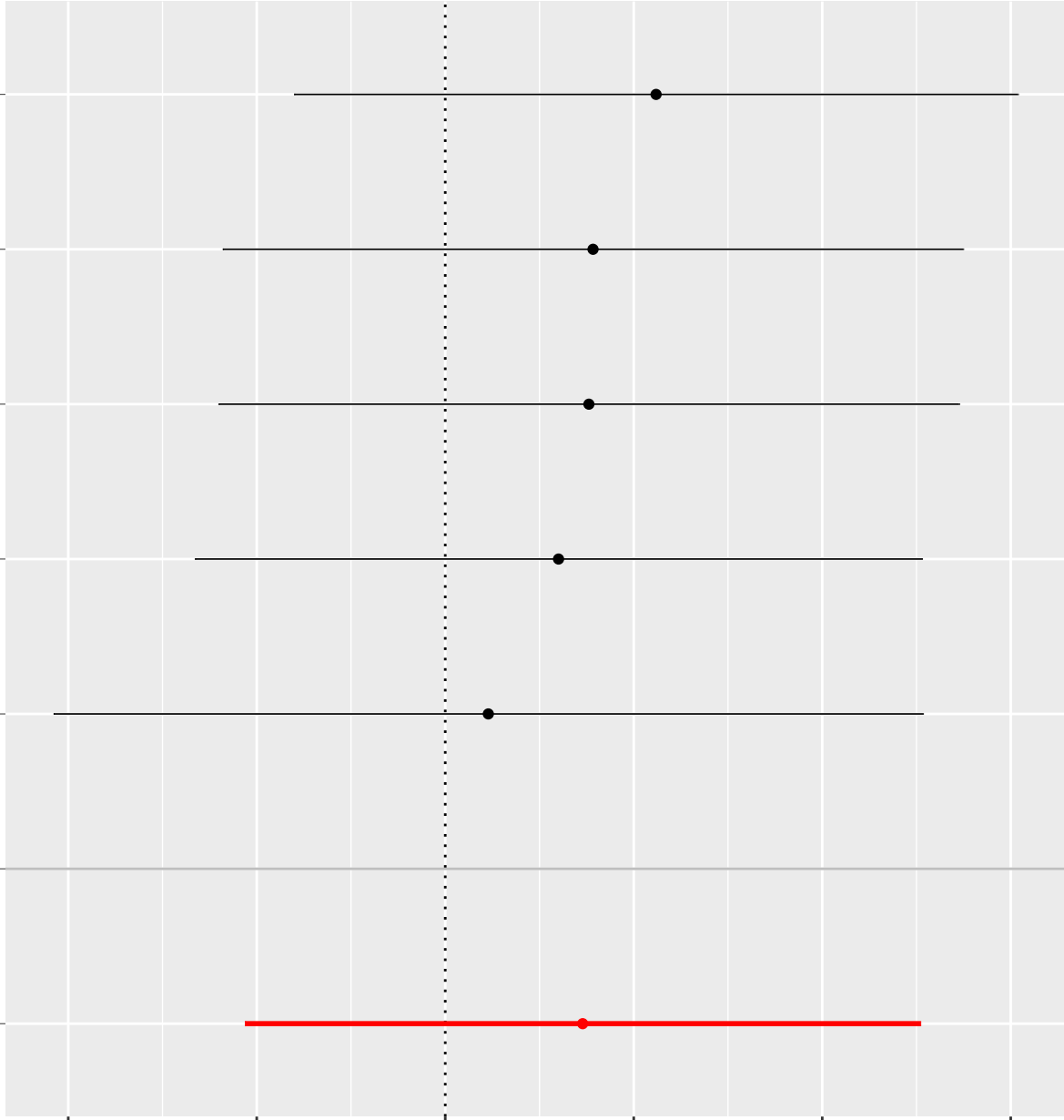
-0.05

0.00

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Creatine || id:451'



rs1558902

rs9906944

rs6857

rs693839

rs6728726

All

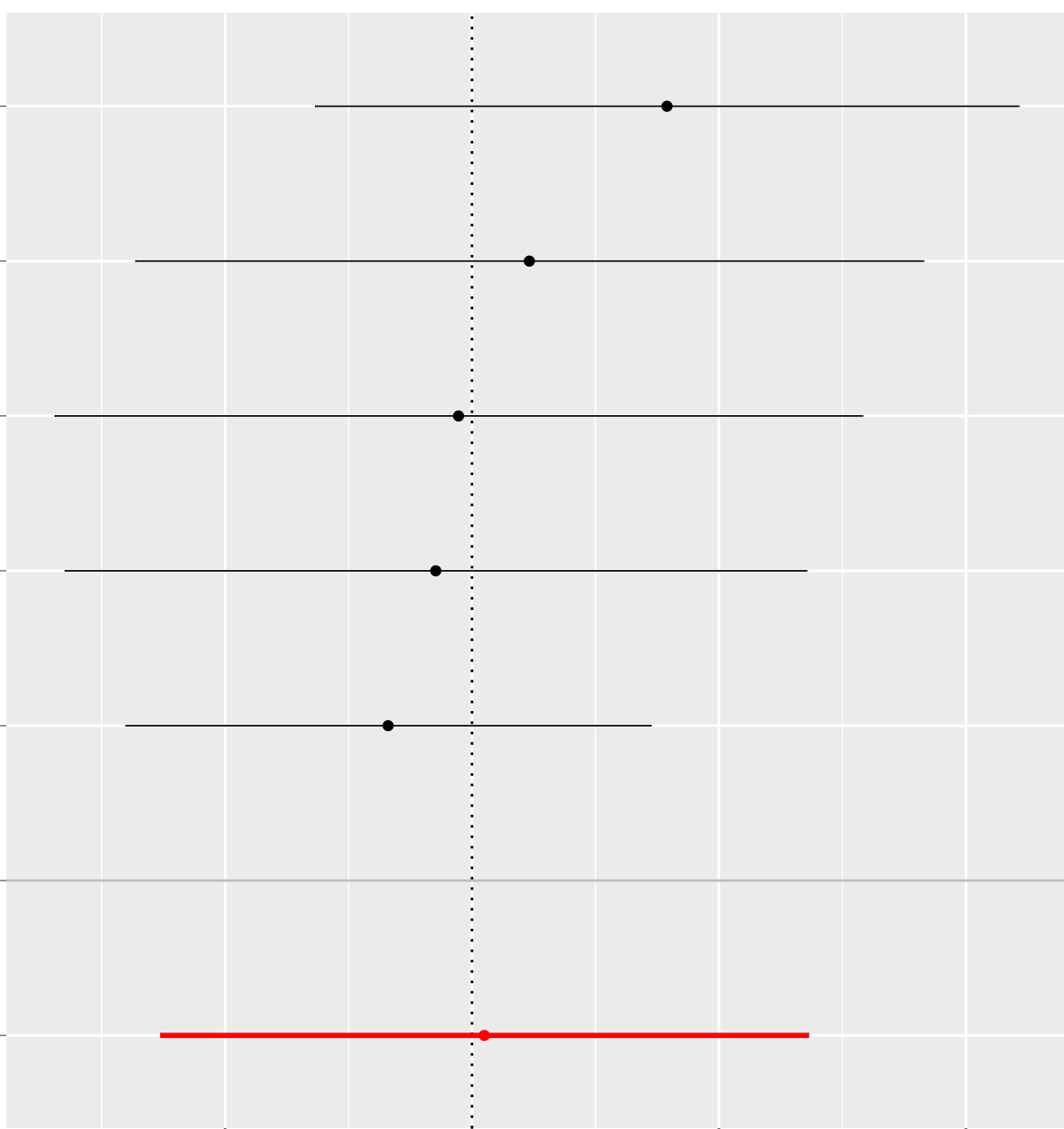
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Erythro || id:452'



rs1558902

rs693839

rs6728726

rs9906944

rs6857

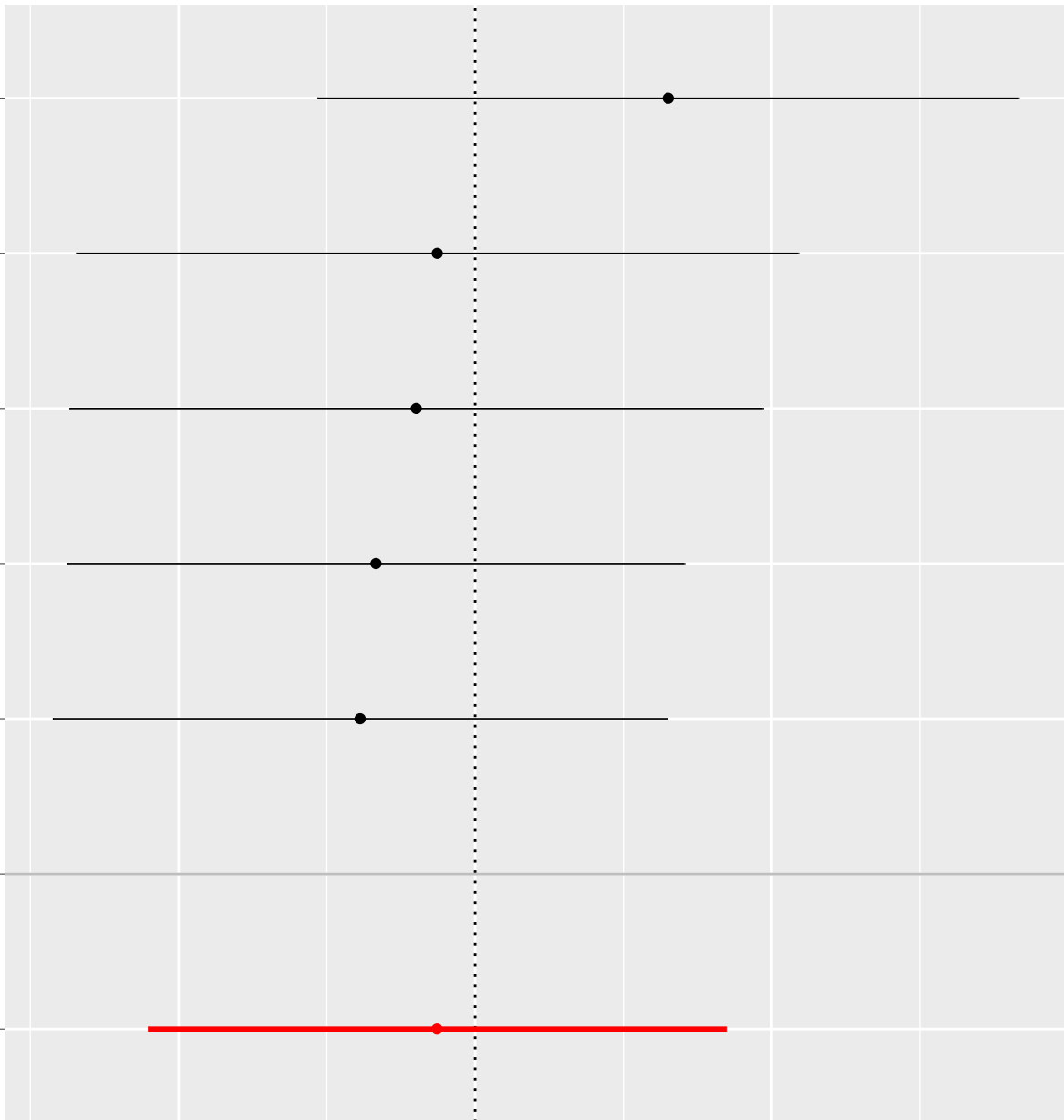
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Threonate || id:453'



rs1558902

rs6728726

rs9906944

rs693839

rs6857

All

-0.10

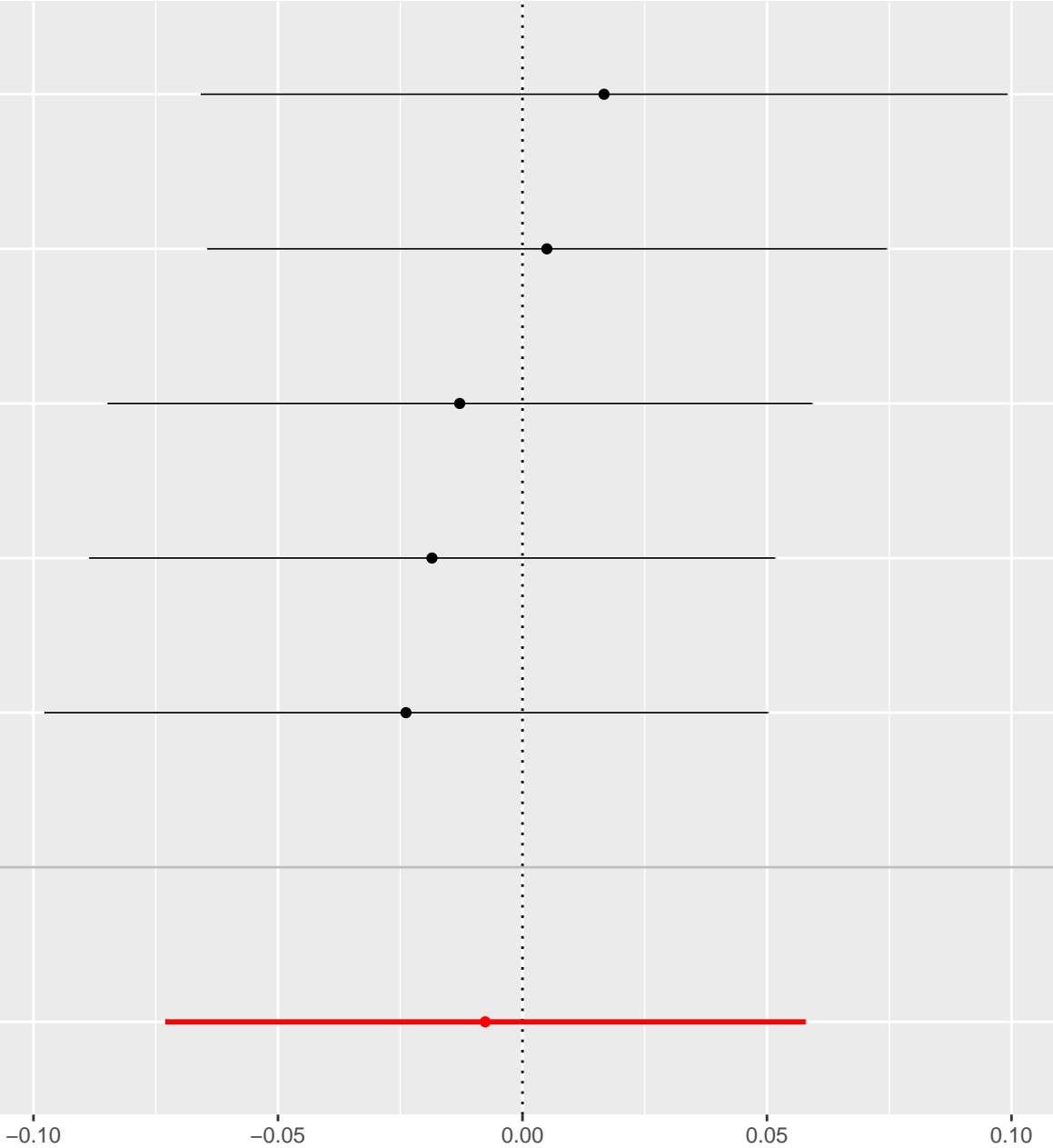
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-10810 || id:454'





rs1558902

rs693839

rs6728726

rs9906944

rs6857

All

-0.05

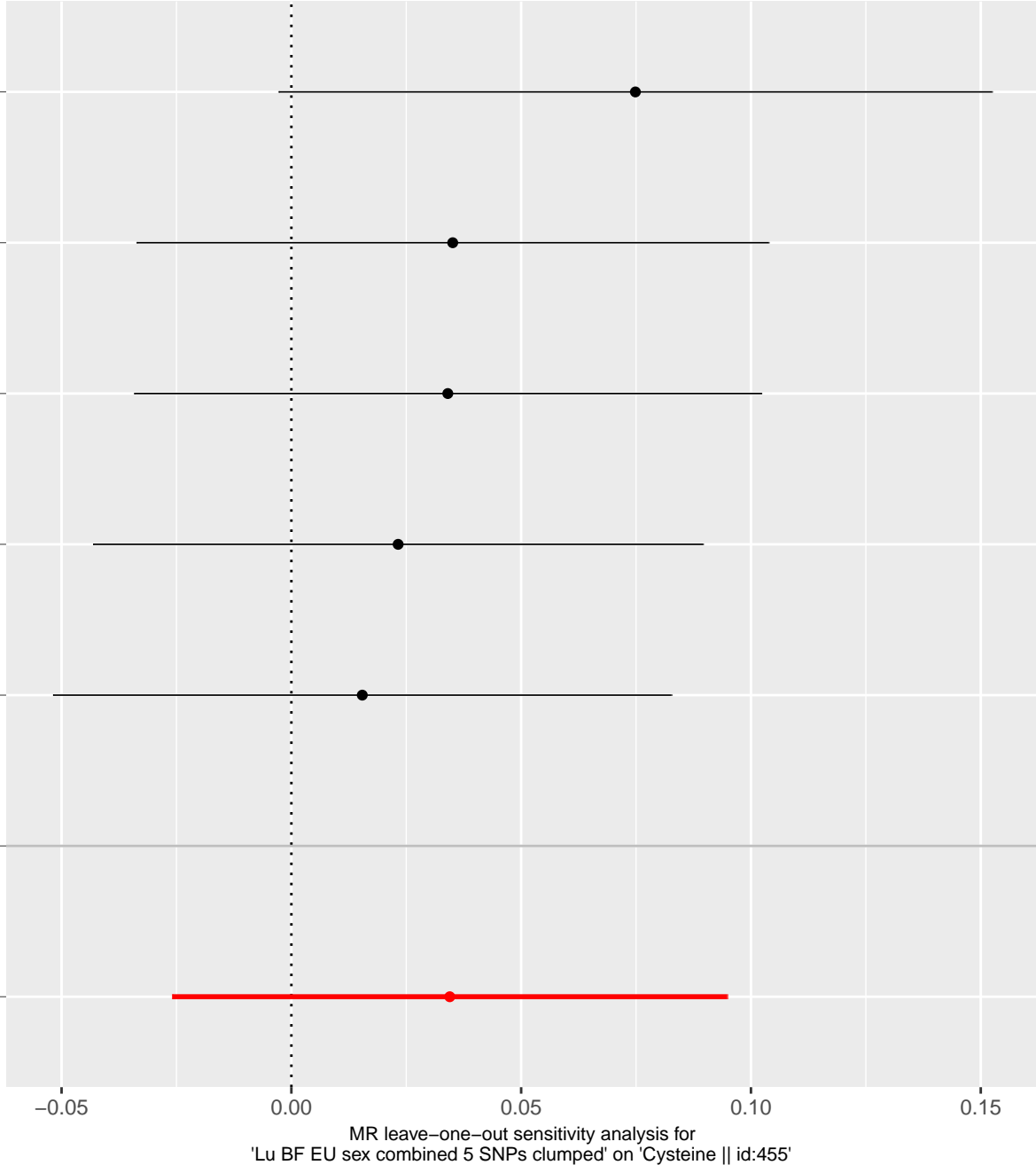
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Cysteine || id:455'



rs9906944

rs6857

rs693839

rs6728726

rs1558902

All

-0.2

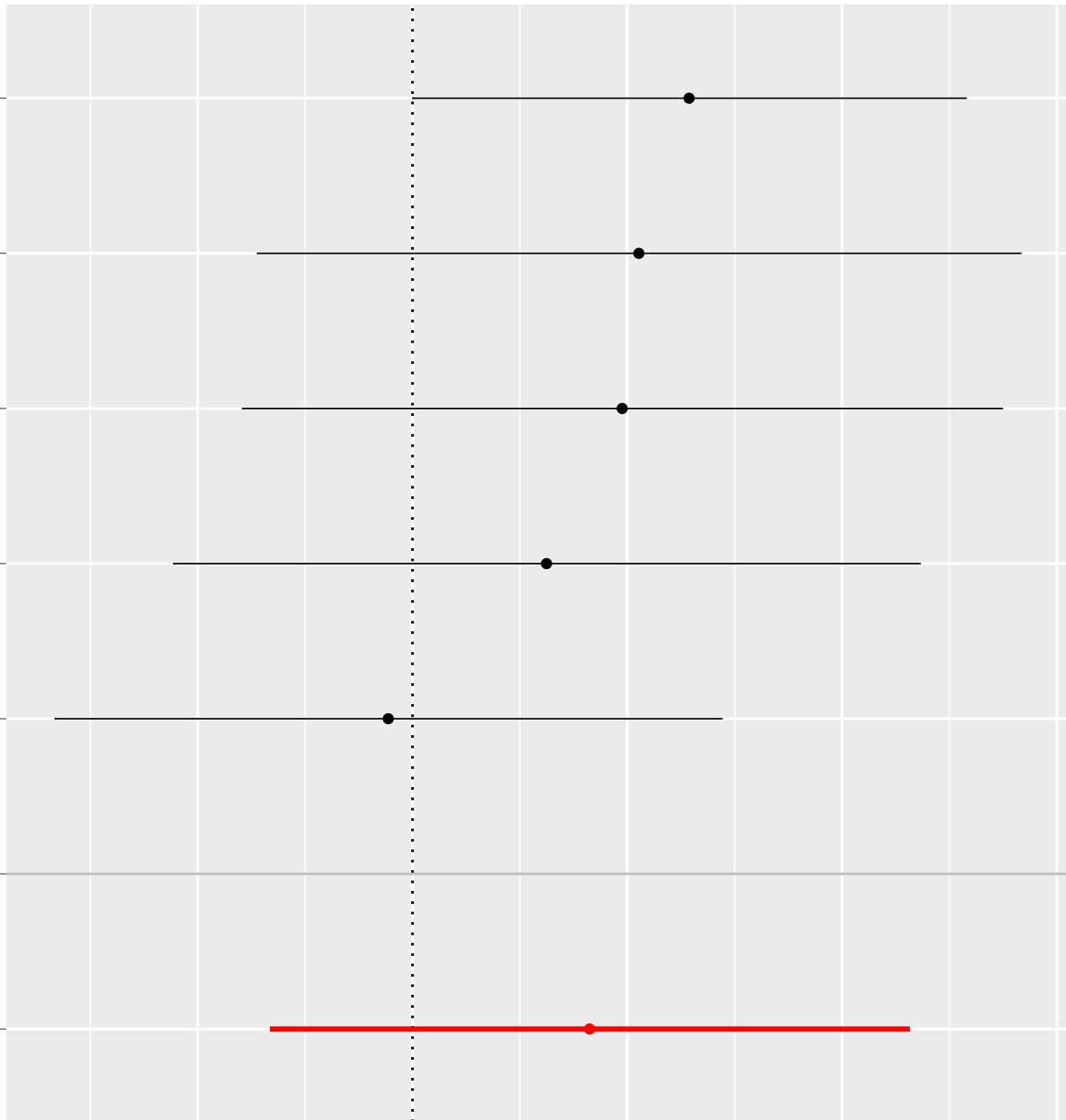
0.0

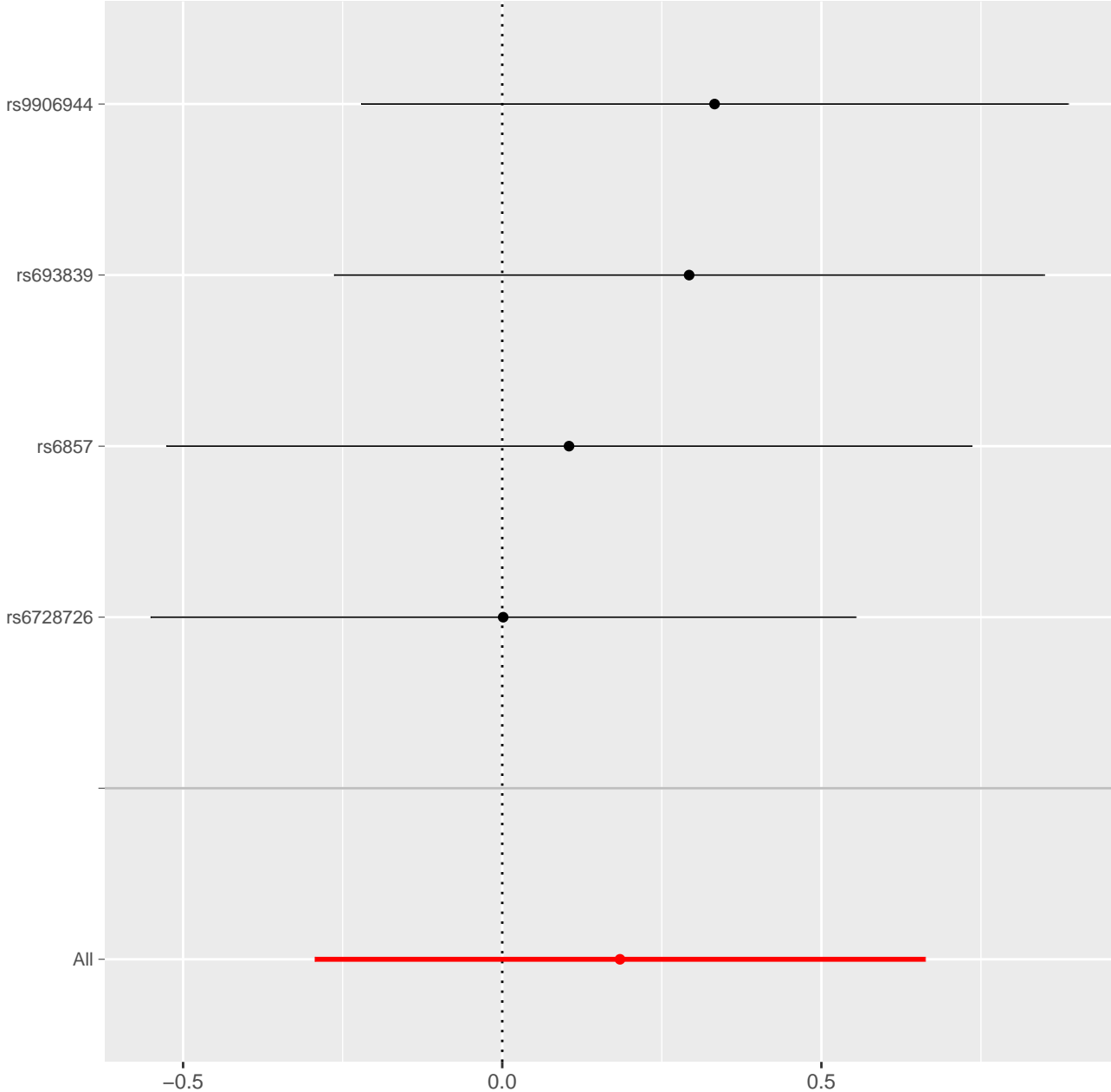
0.2

0.4

0.6

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Pyroglutamylglycine || id:456'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'N-(2-furoyl)glycine || id:457'

rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

0.0

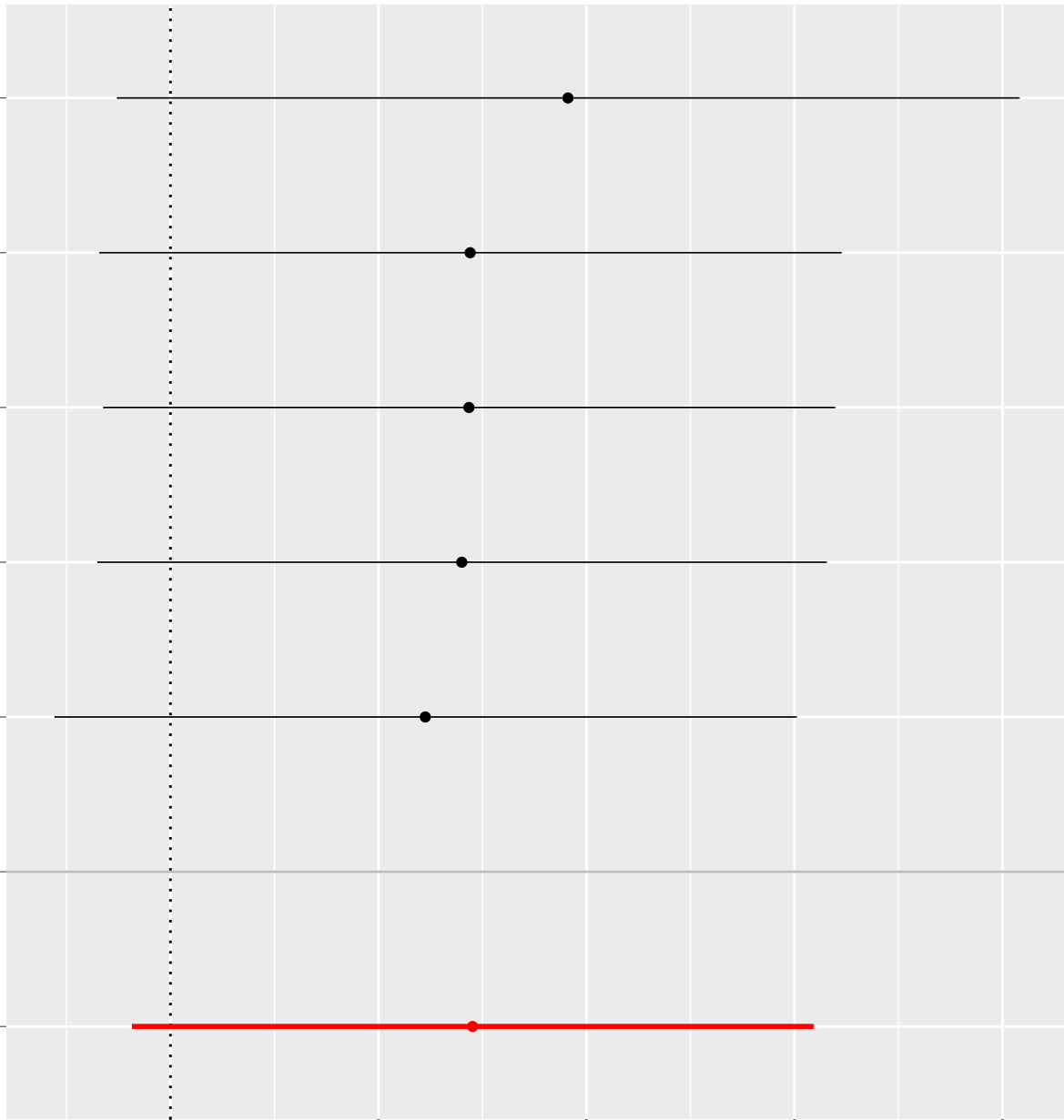
0.1

0.2

0.3

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'DSGEGDFXAEGGVR\* || id:458'



rs1558902

rs6728726

rs693839

rs6857

rs9906944

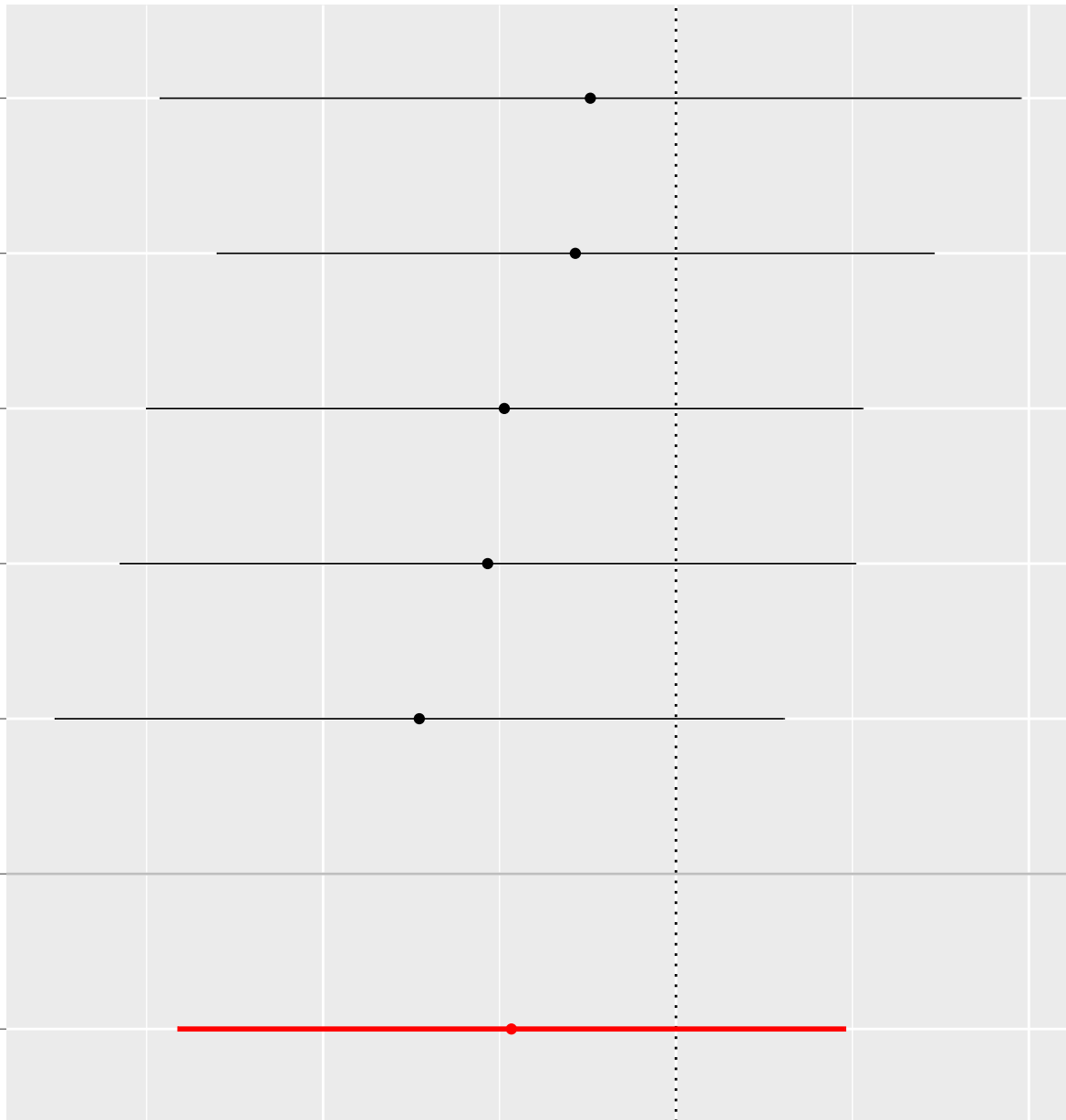
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Pyridoxate || id:459'



rs1558902

rs6728726

rs693839

rs9906944

rs6857

All

-0.2

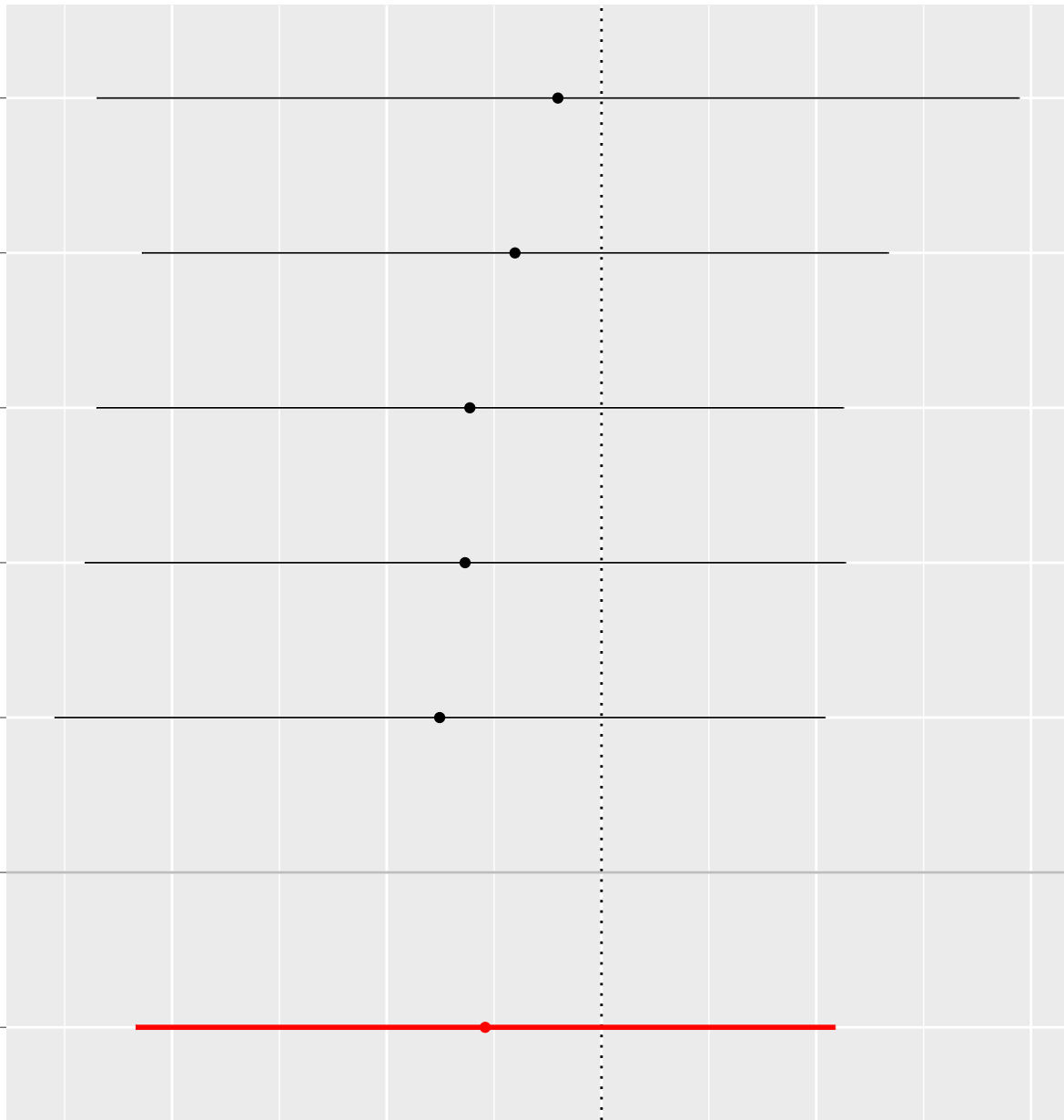
-0.1

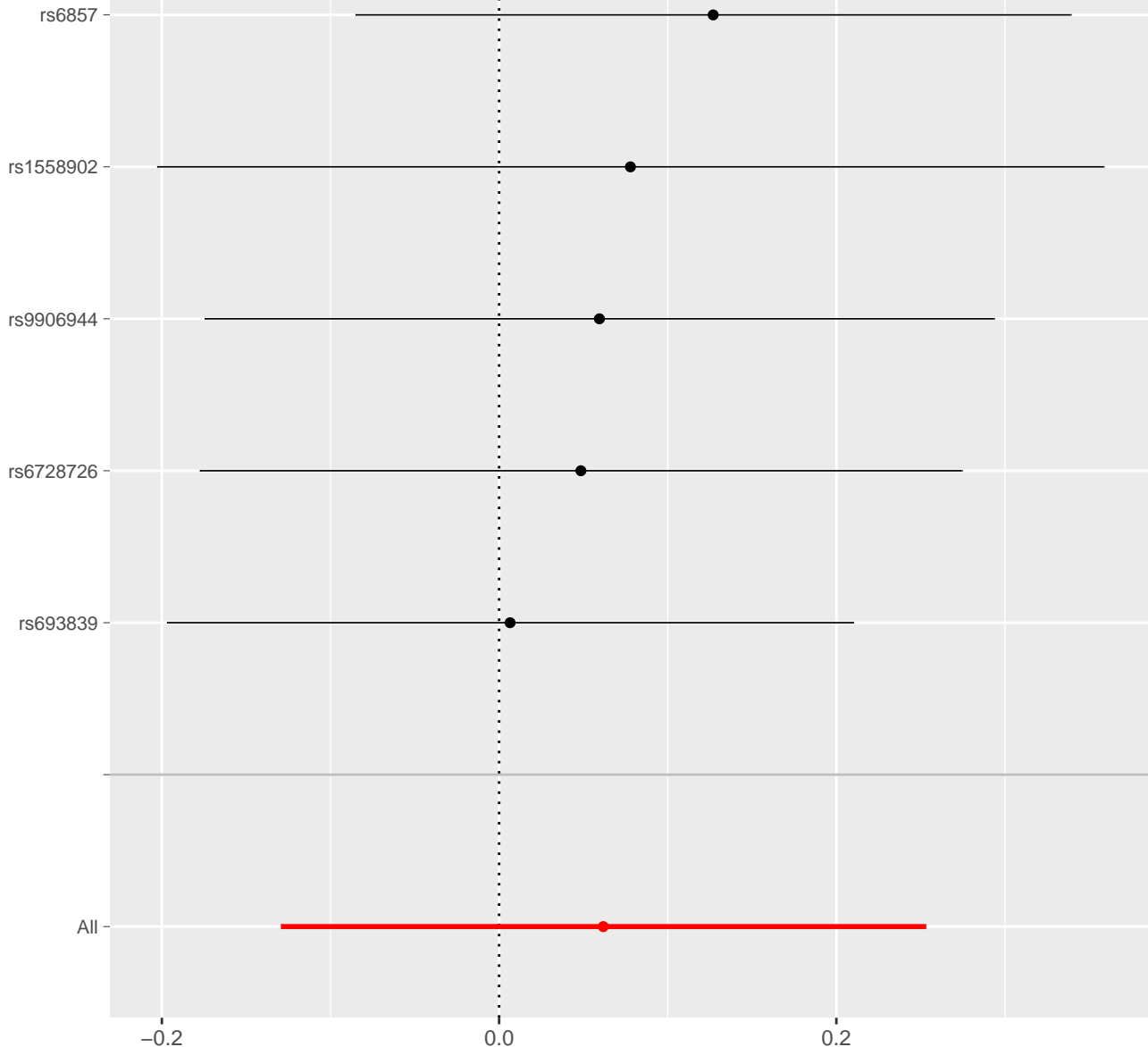
0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Androsterone sulfate || id:460'





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

rs693839

rs9906944

rs6728726

rs6857

rs1558902

All

-0.05

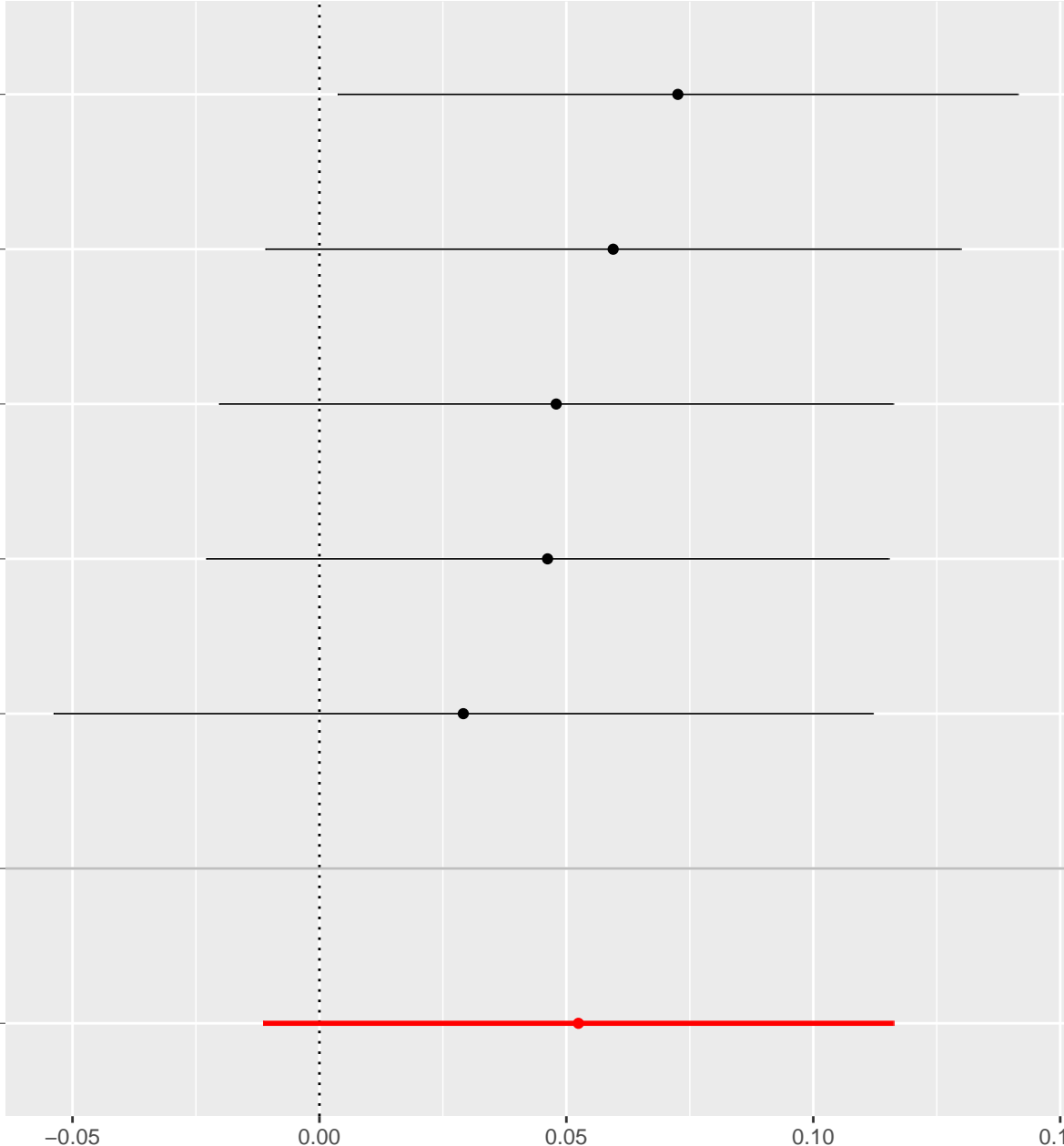
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '3-(4-hydroxyphenyl)lactate || id:462'





rs1558902

rs6857

rs6728726

rs9906944

rs693839

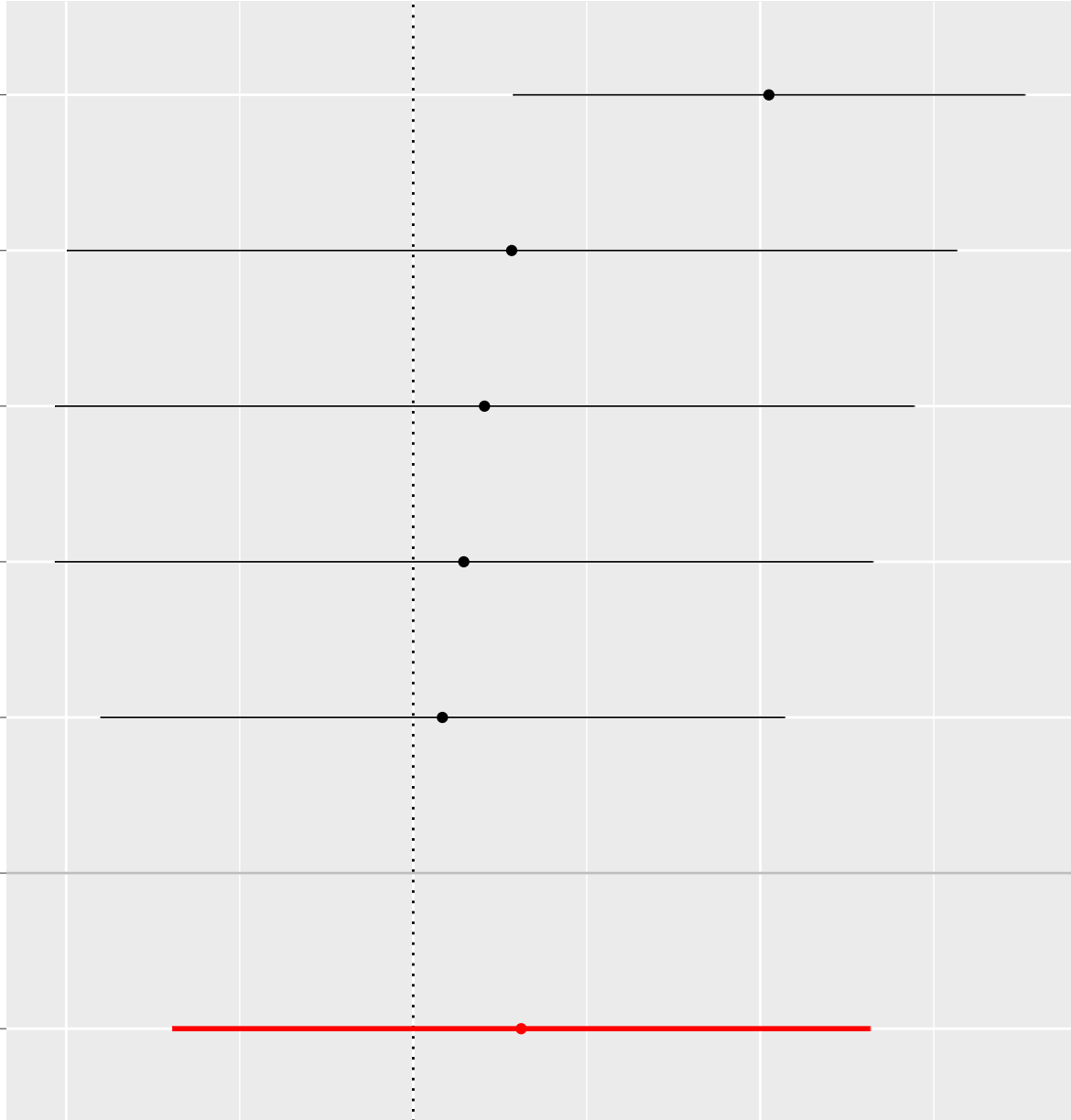
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Acetylcarnitine || id:463'



rs6728726

rs1558902

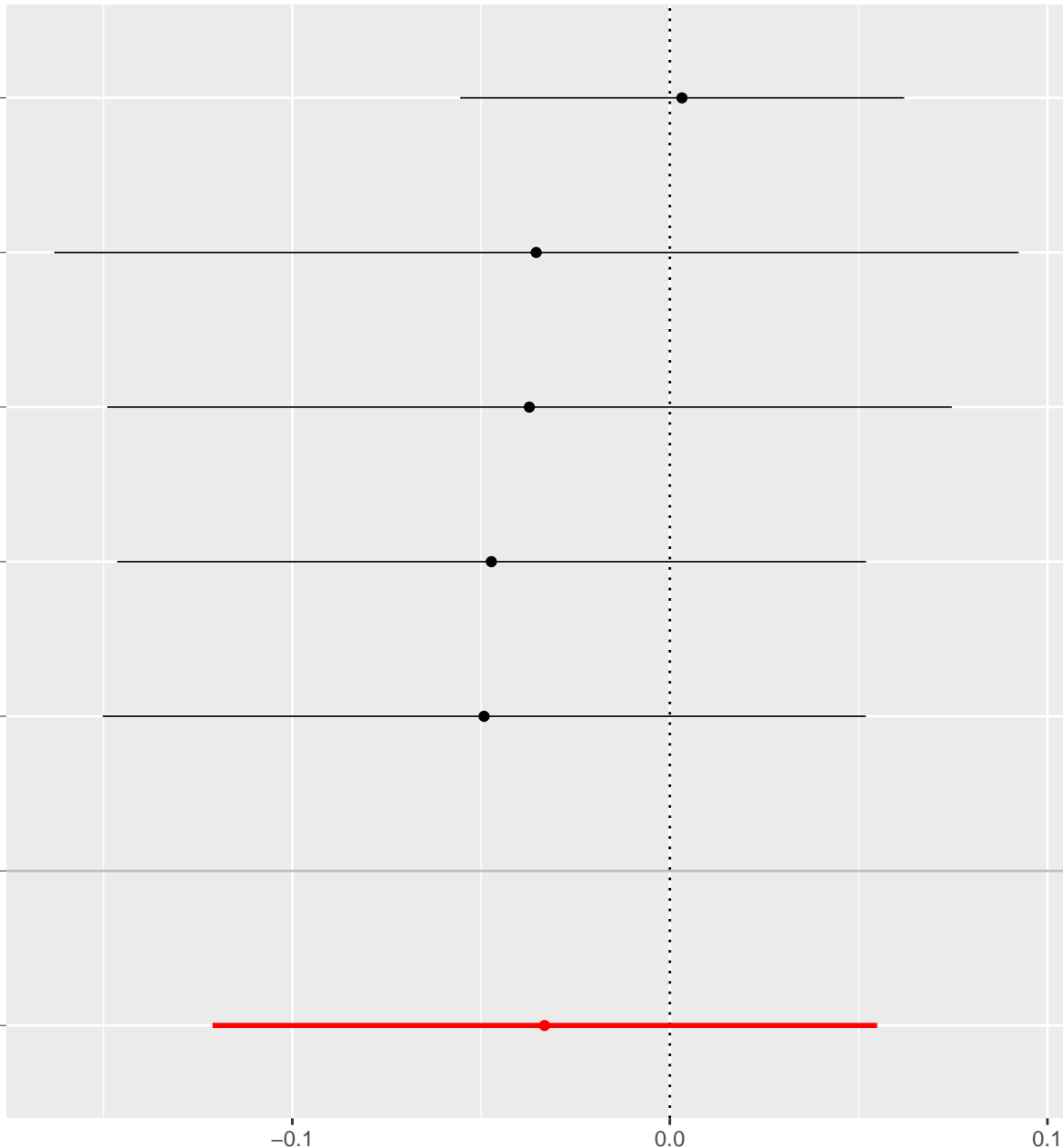
rs6857

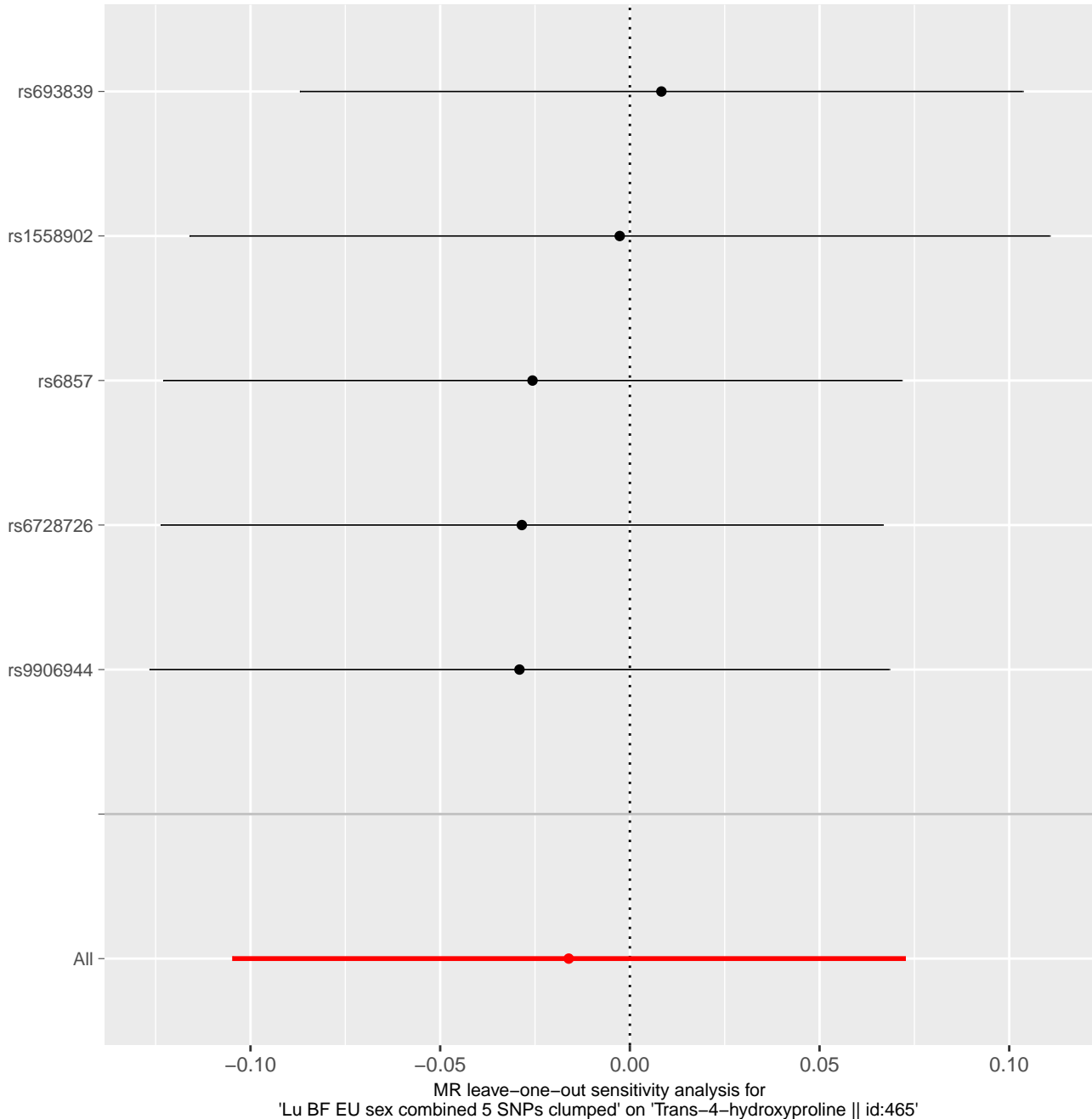
rs693839

rs9906944

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Serine || id:464'





rs9906944

rs693839

rs6857

rs6728726

rs1558902

All

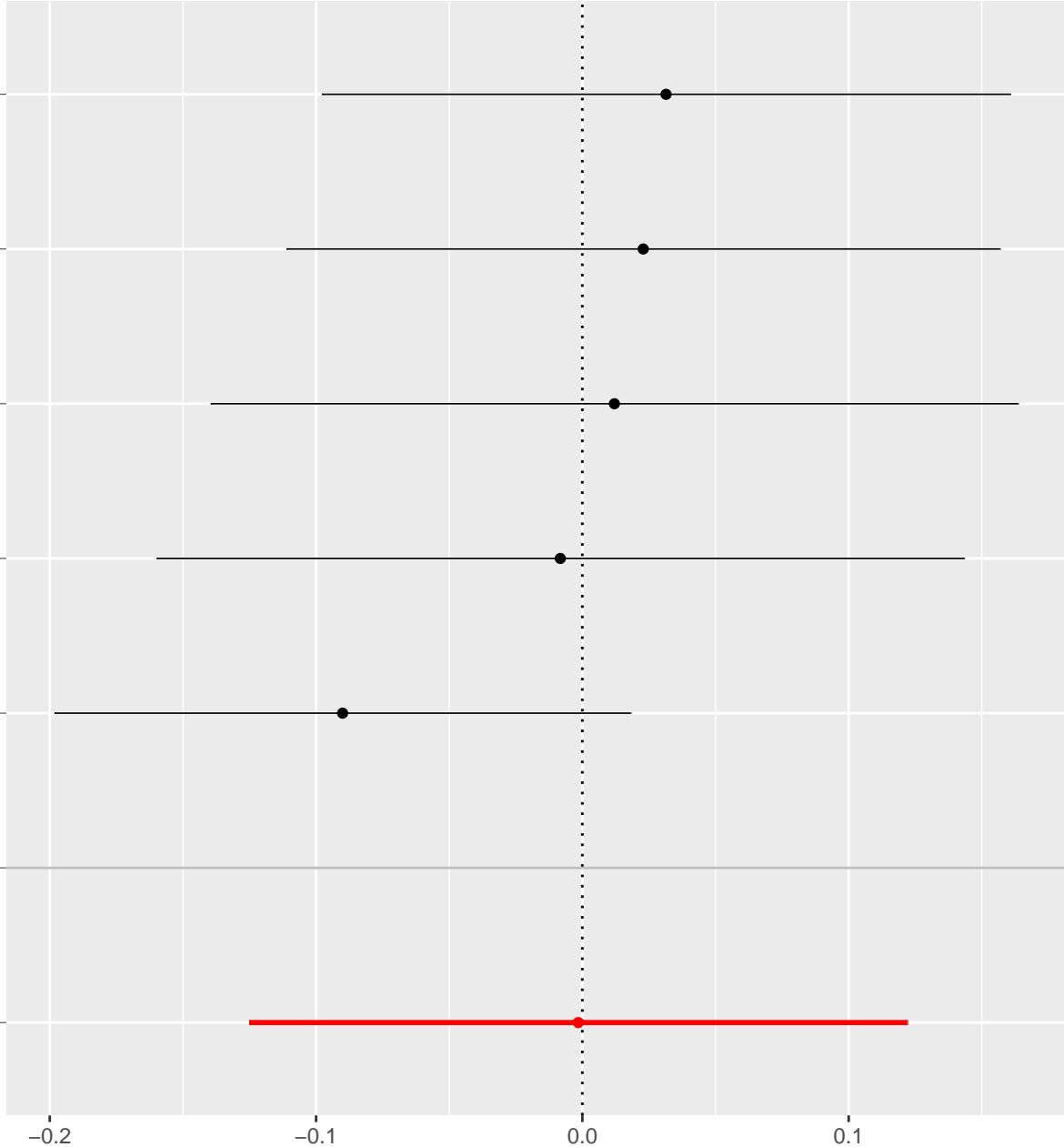
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glutamate || id:466'



rs1558902

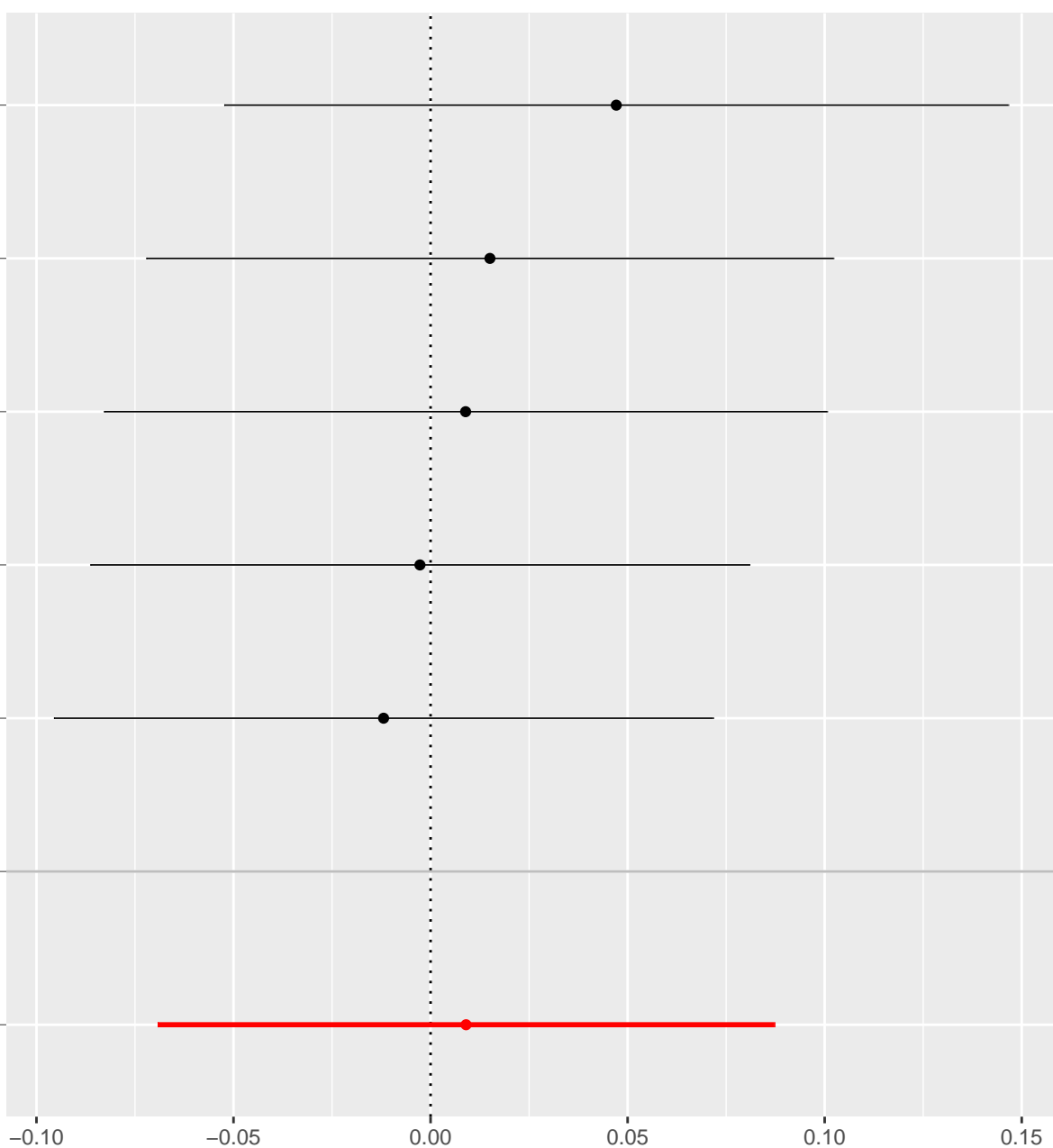
rs9906944

rs6857

rs6728726

rs693839

All



rs6728726

rs6857

rs693839

rs9906944

rs1558902

All

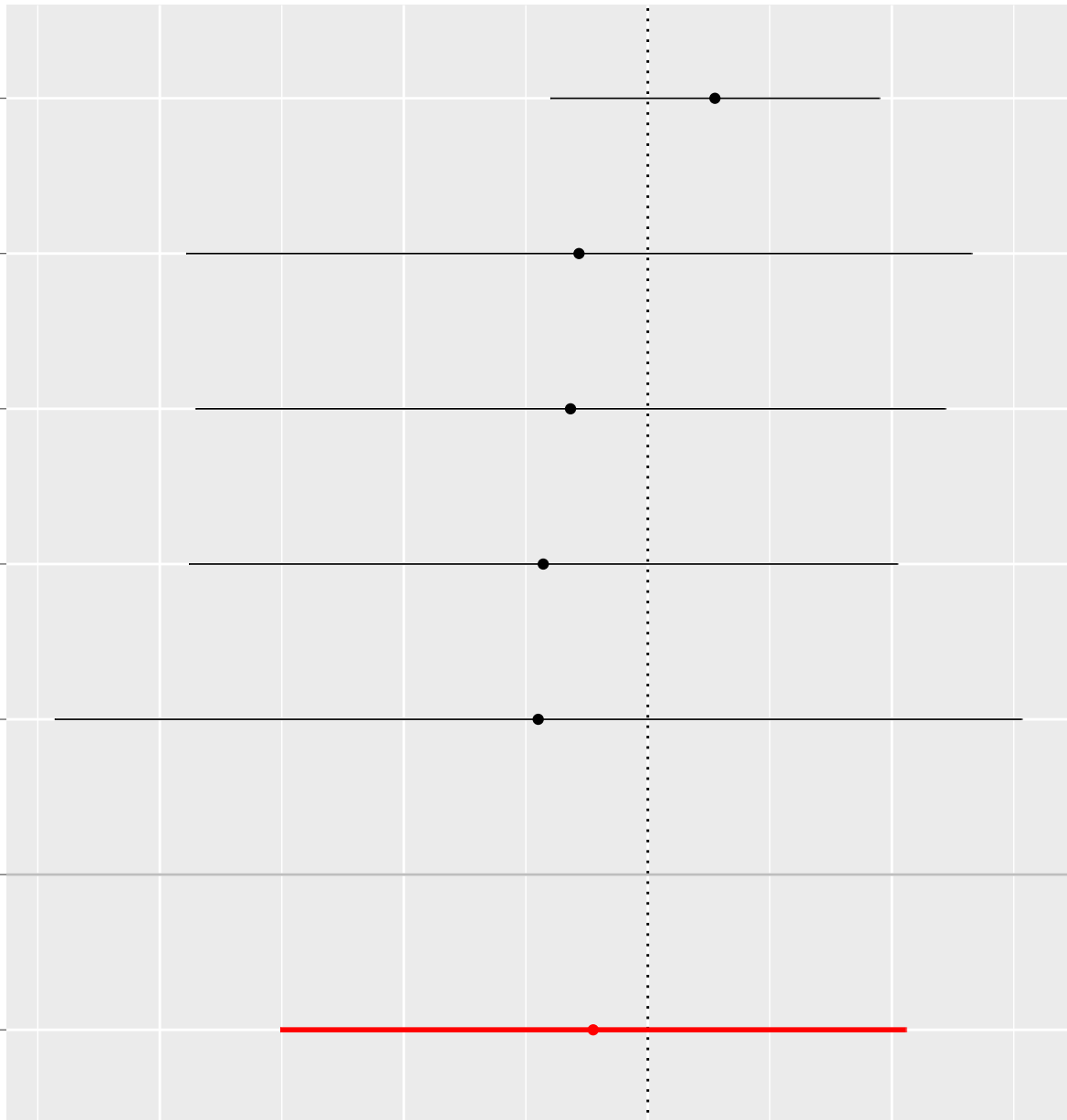
-0.2

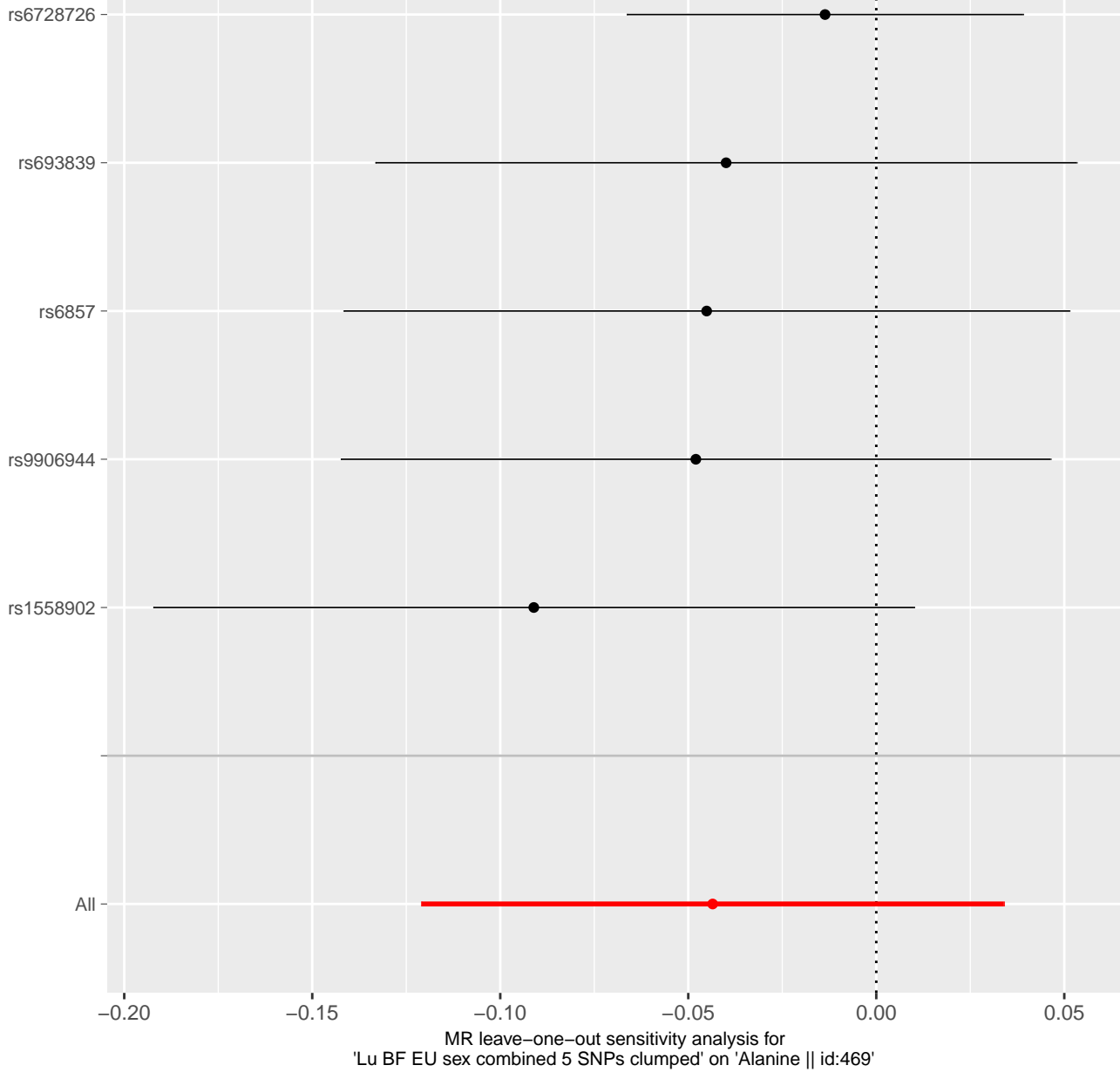
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycine || id:468'





rs1558902

rs693839

rs6728726

rs9906944

rs6857

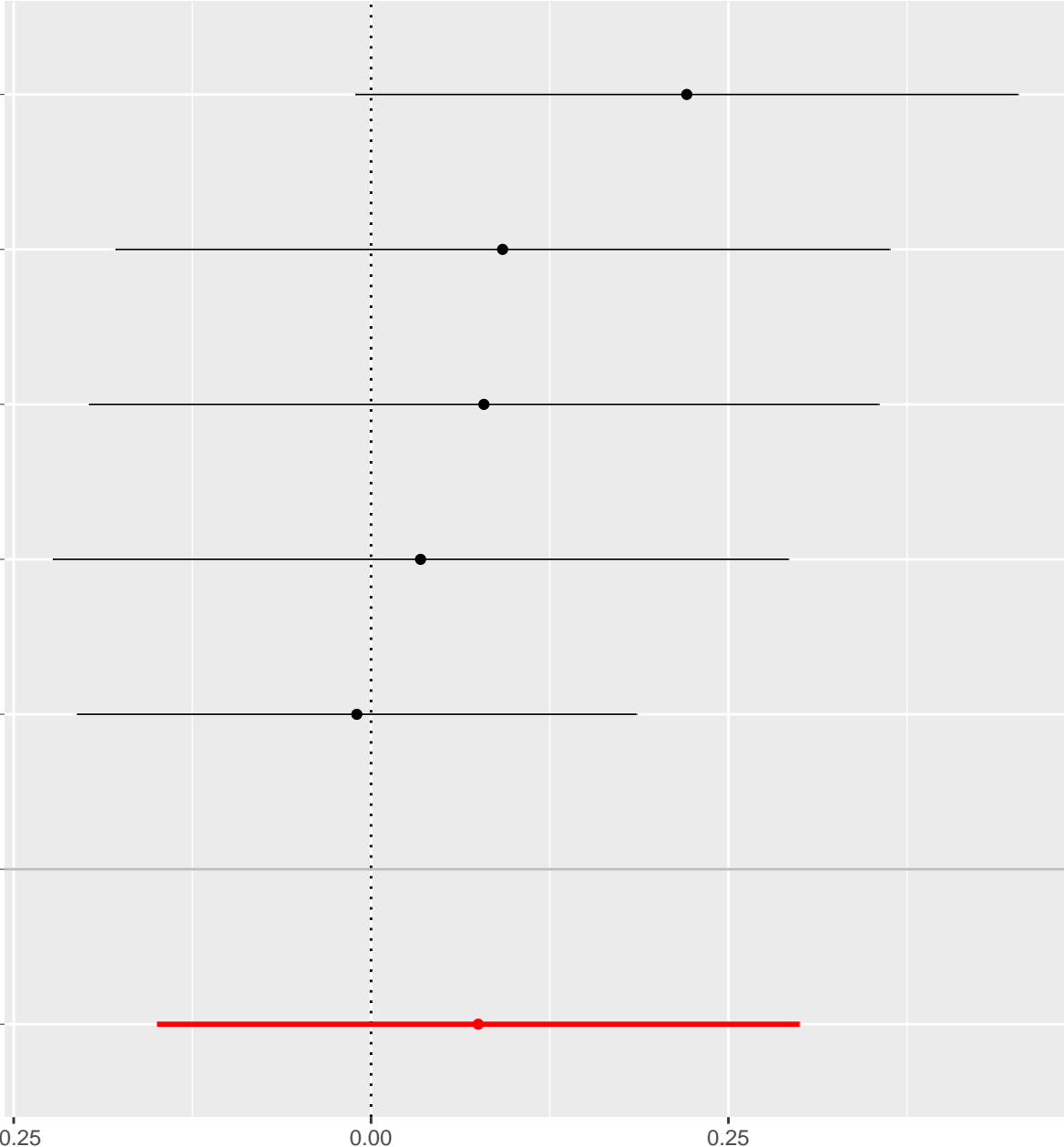
All

-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glycochenodeoxycholate || id:470'





rs1558902

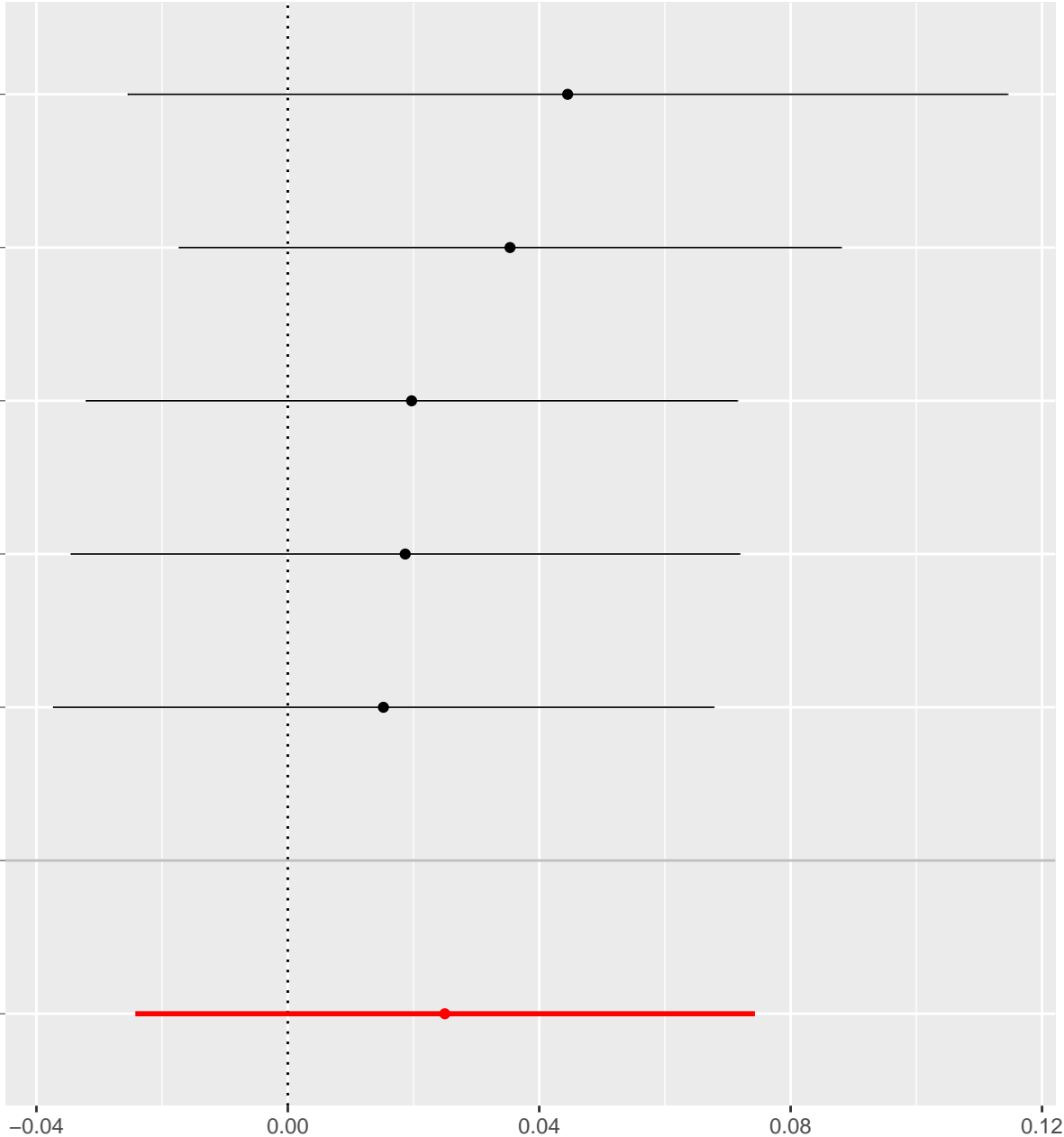
rs6728726

rs693839

rs6857

rs9906944

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-aminobutyrate || id:471'

rs1558902

rs693839

rs9906944

rs6857

rs6728726

All

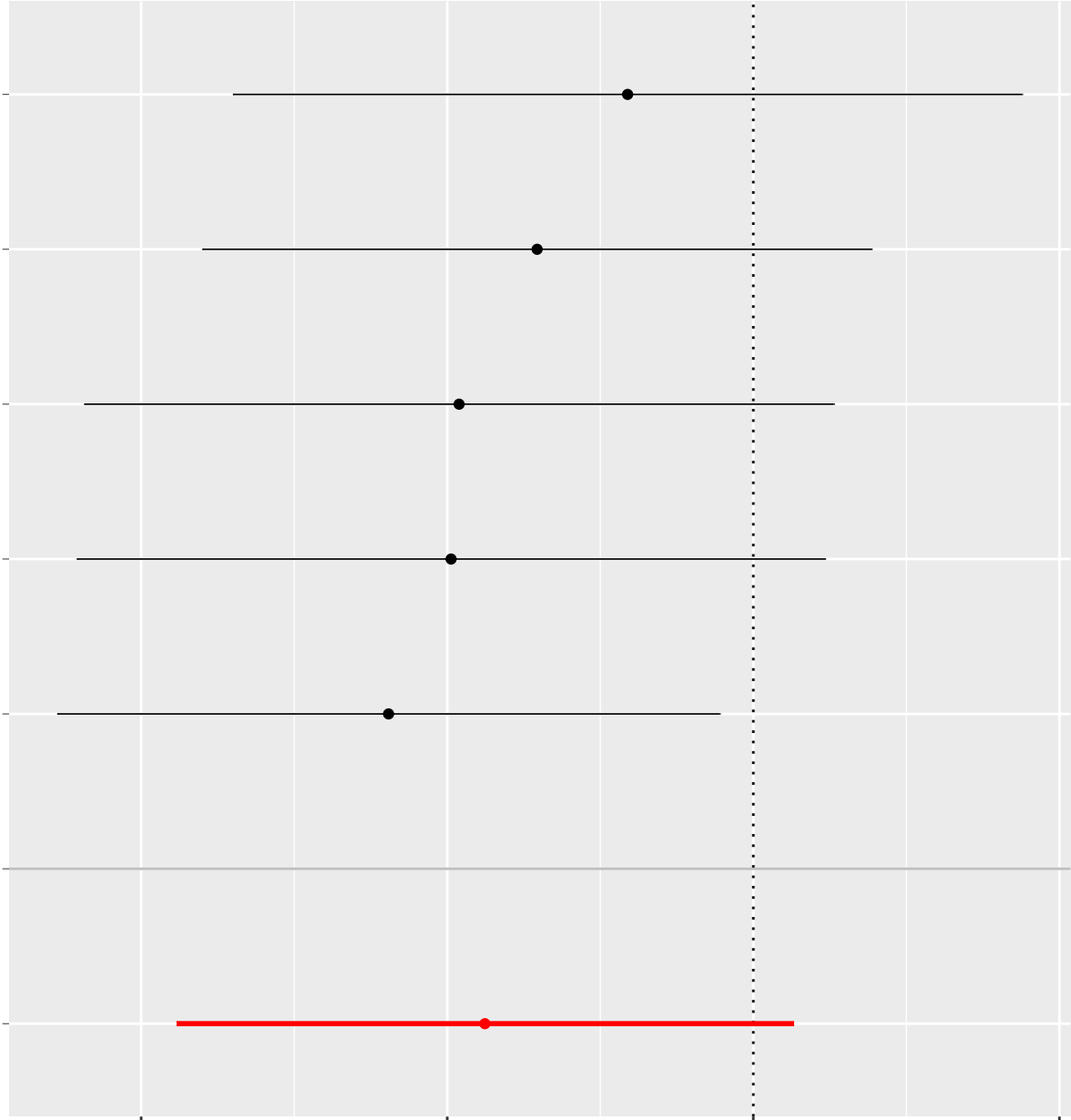
-0.2

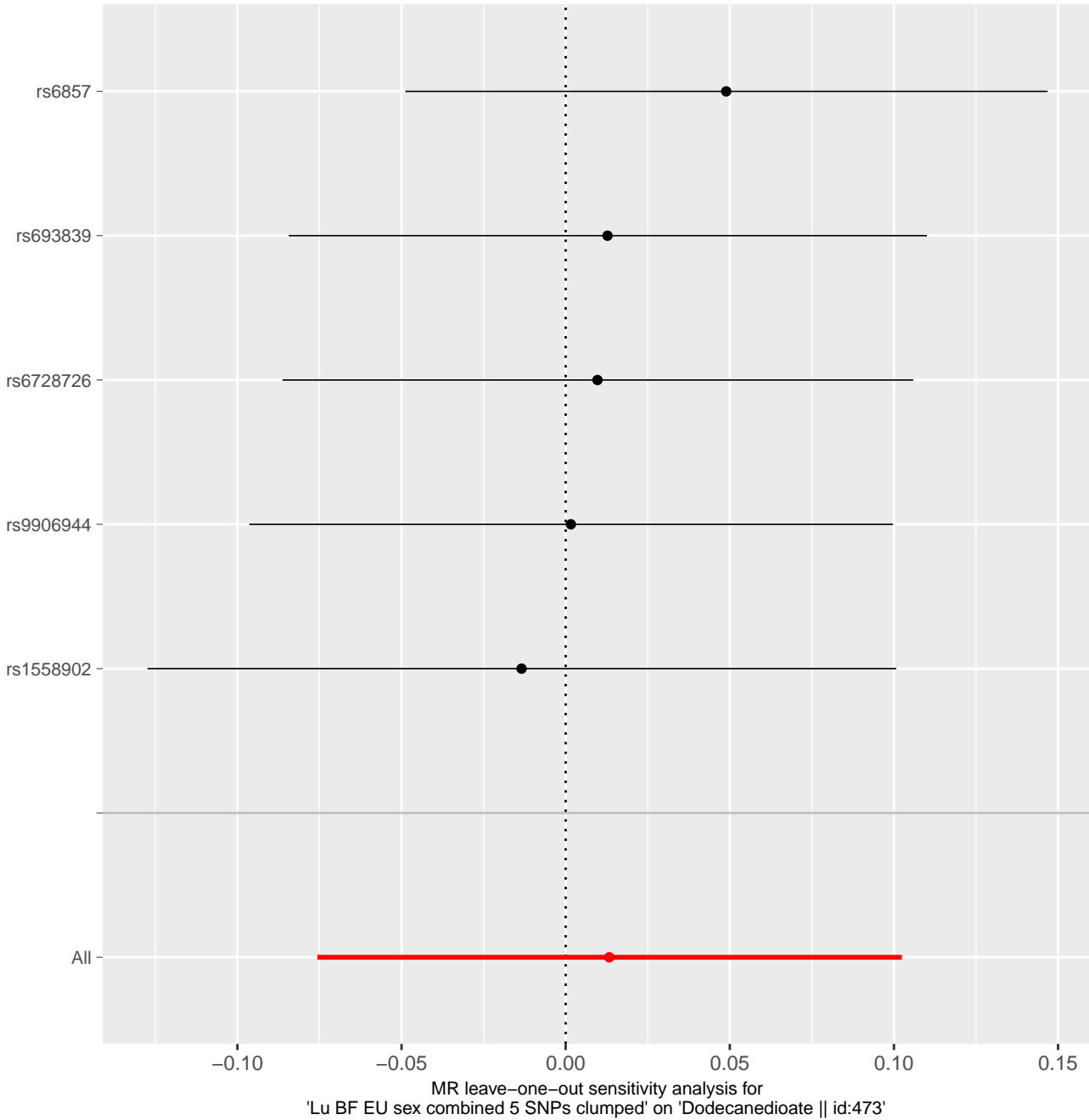
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Scyllo-inositol || id:472'





rs9906944

rs693839

rs6728726

rs6857

rs1558902

All

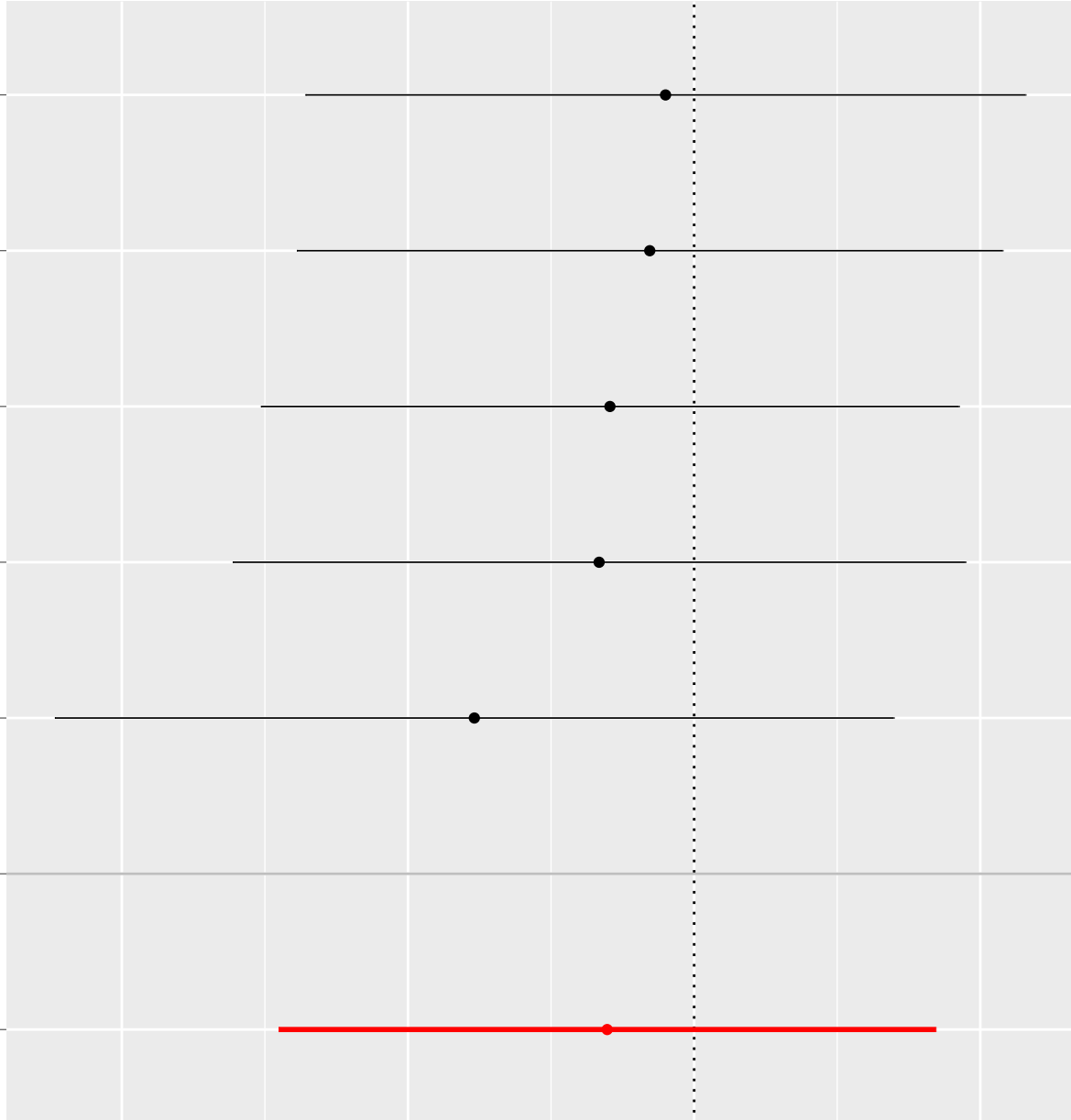
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylvaline || id:474'



rs1558902



rs6857



rs6728726



rs9906944



rs693839



All



-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Indolepropionate || id:475'

rs693839

rs6857

rs1558902

rs6728726

rs9906944

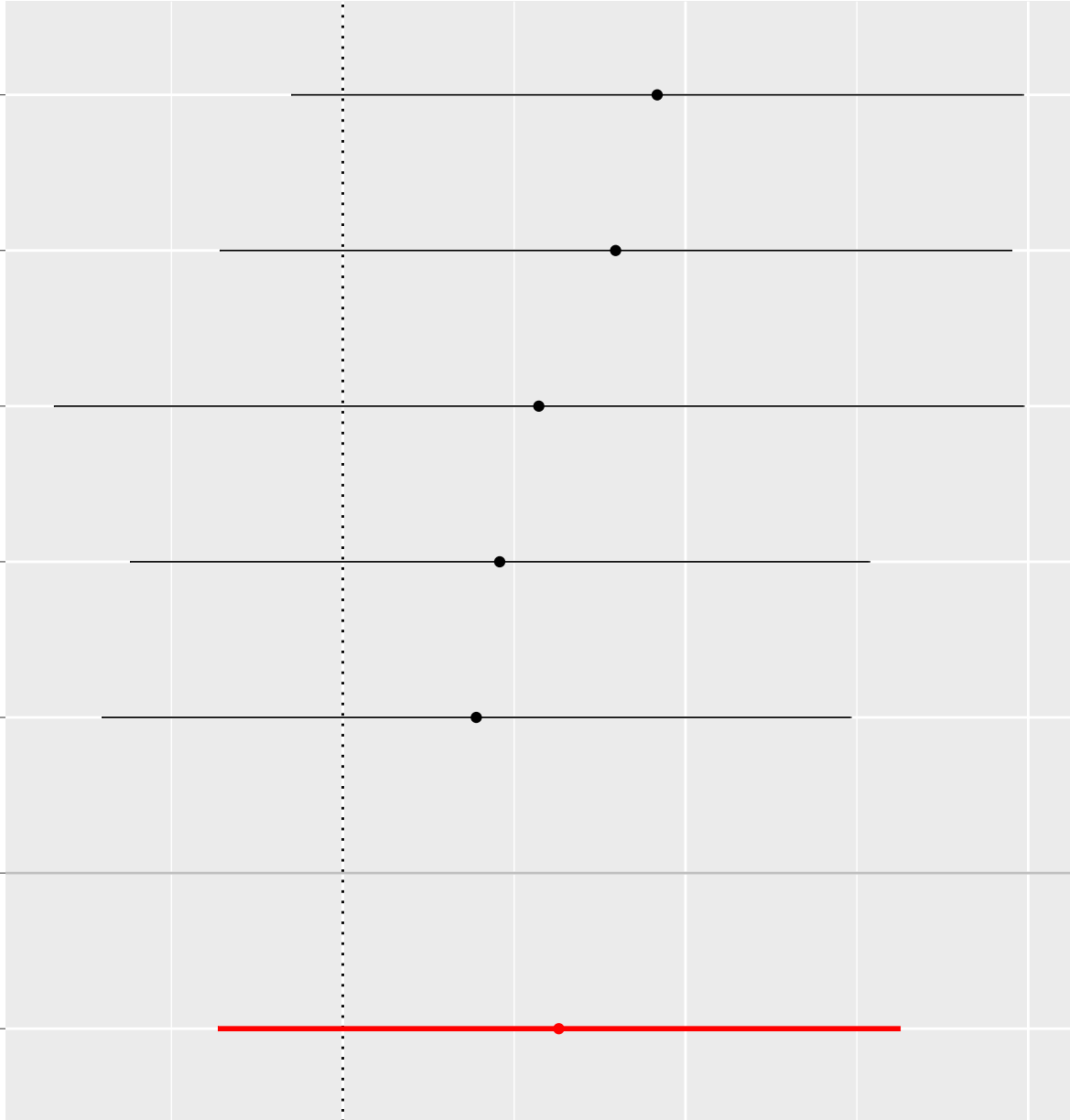
All

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Butyrylcarnitine || id:476'



rs1558902

rs6857

rs6728726

rs693839

rs9906944

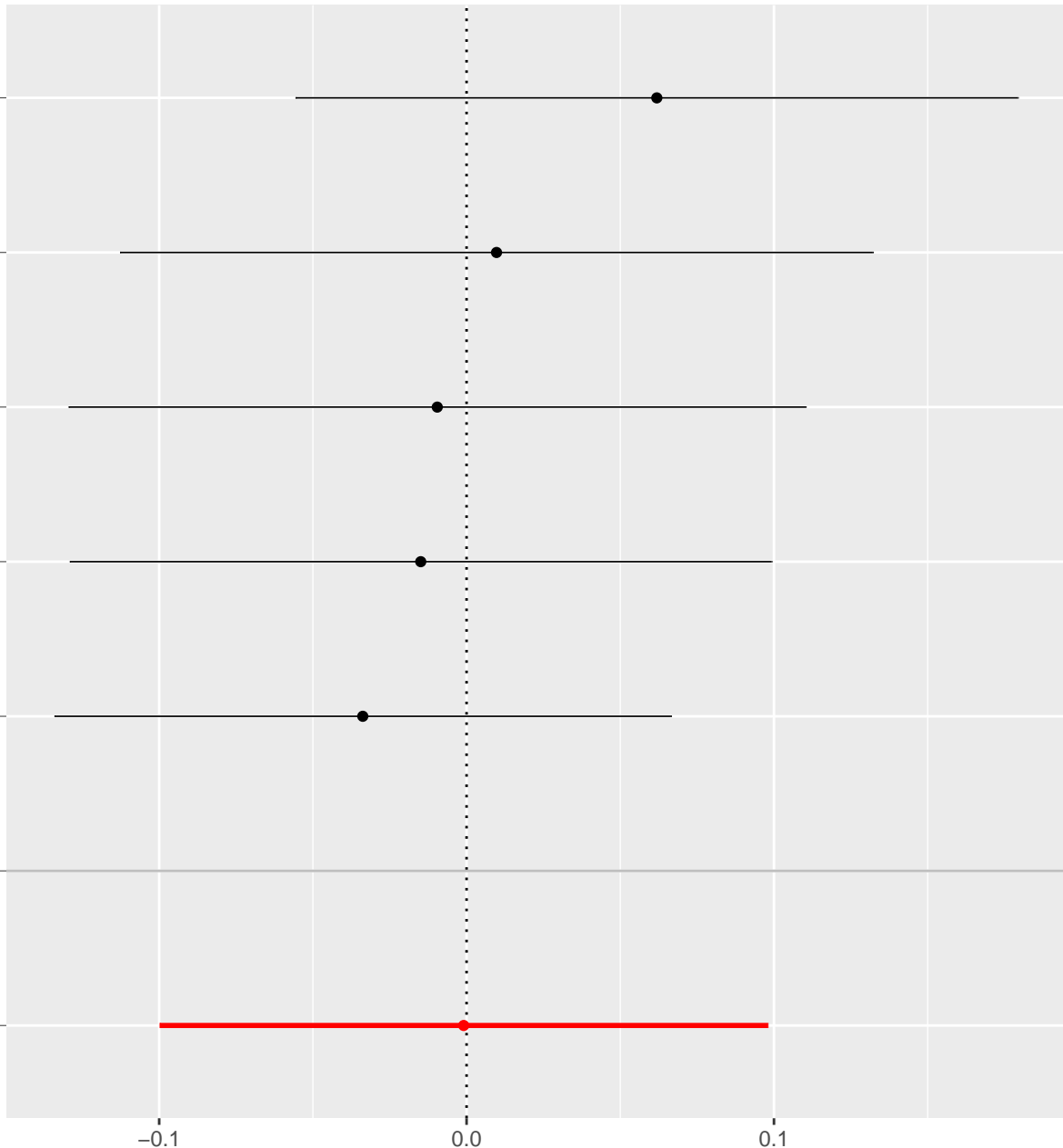
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Myristoleate (14:1n5) || id:477'



rs9906944

rs1558902

rs6728726

rs693839

rs6857

All

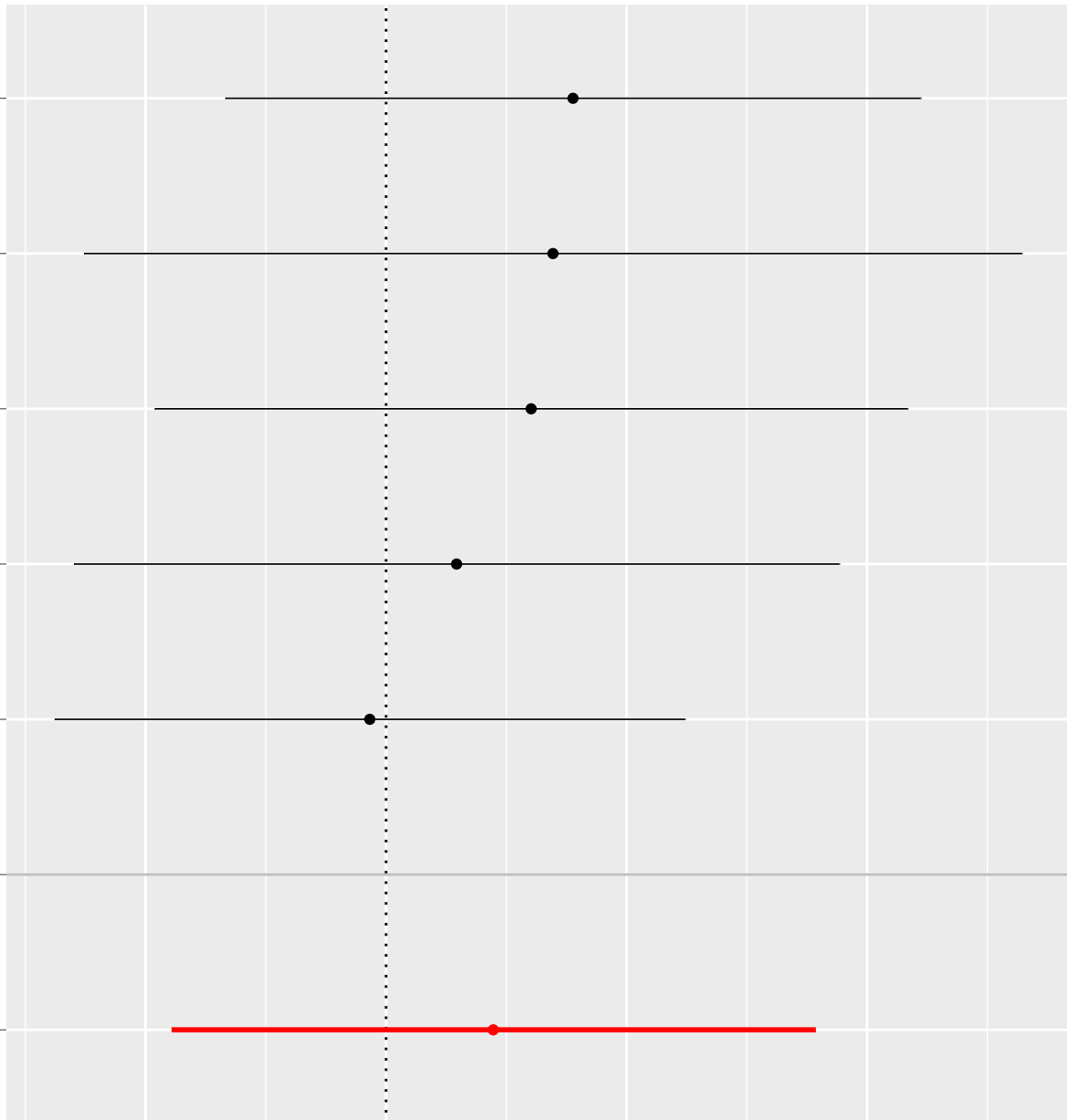
-0.1

0.0

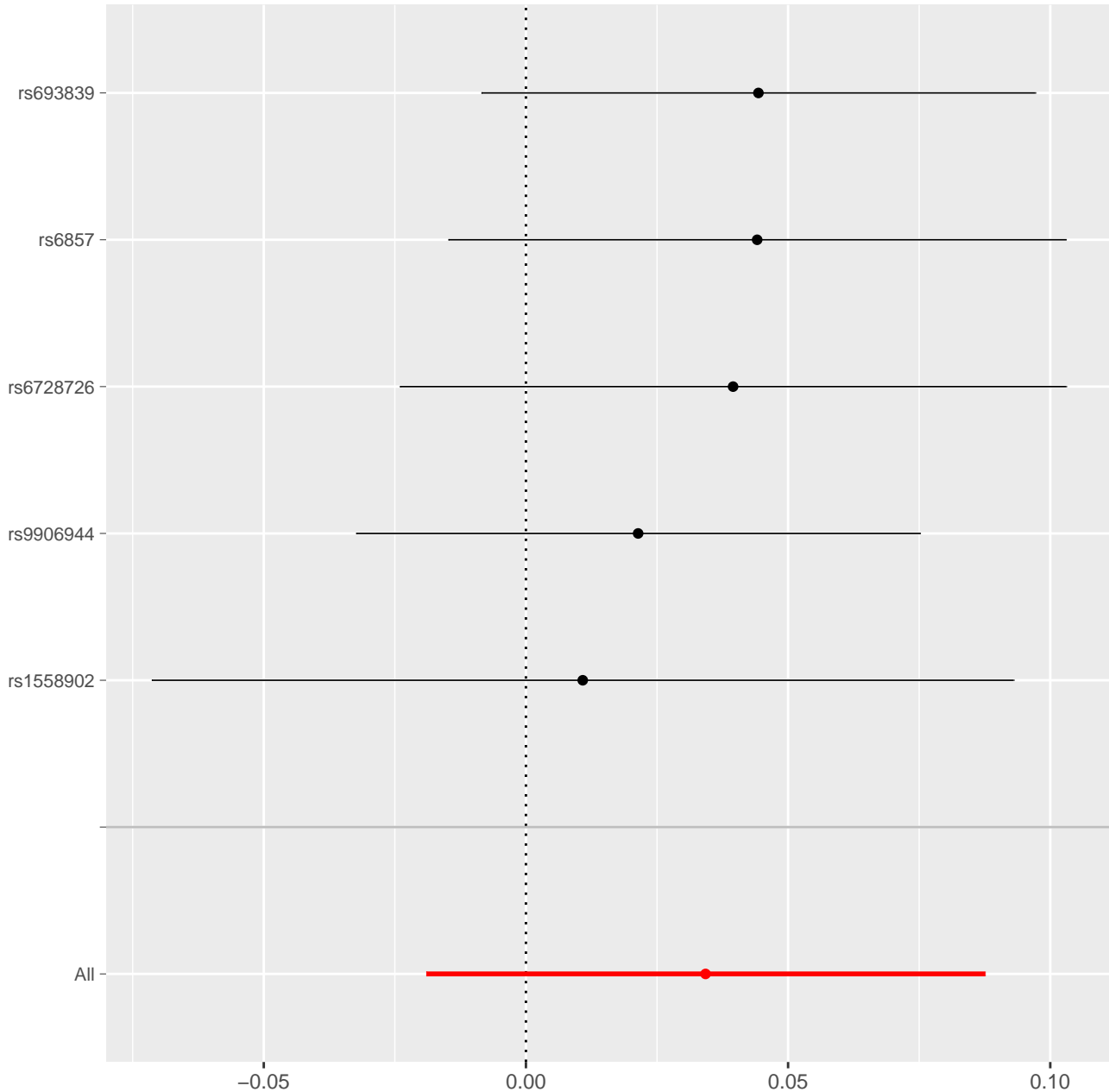
0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Dehydroisoandrosterone sulfate (DHEA-S) || id:478'







rs6857

rs1558902

rs9906944

rs693839

rs6728726

All

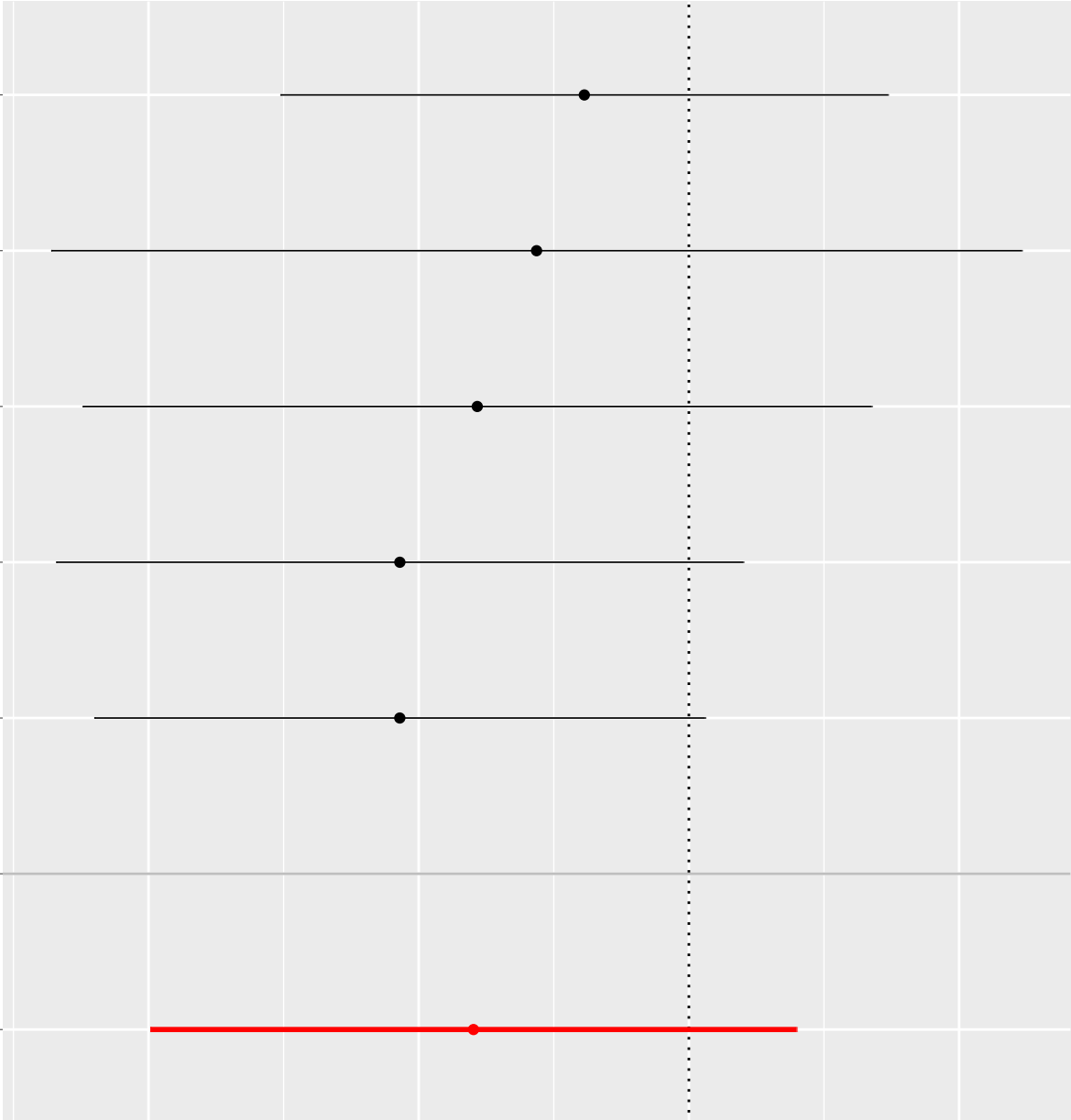
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Caproate (6:0) || id:480'



rs1558902

rs9906944

rs6857

rs6728726

rs693839

All

-0.12

-0.08

-0.04

0.00

MR leave-one-out sensitivity analysis for

'Lu BF EU sex combined 5 SNPs clumped' on 'Caprylate (8:0) || id:481'

rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

-0.10

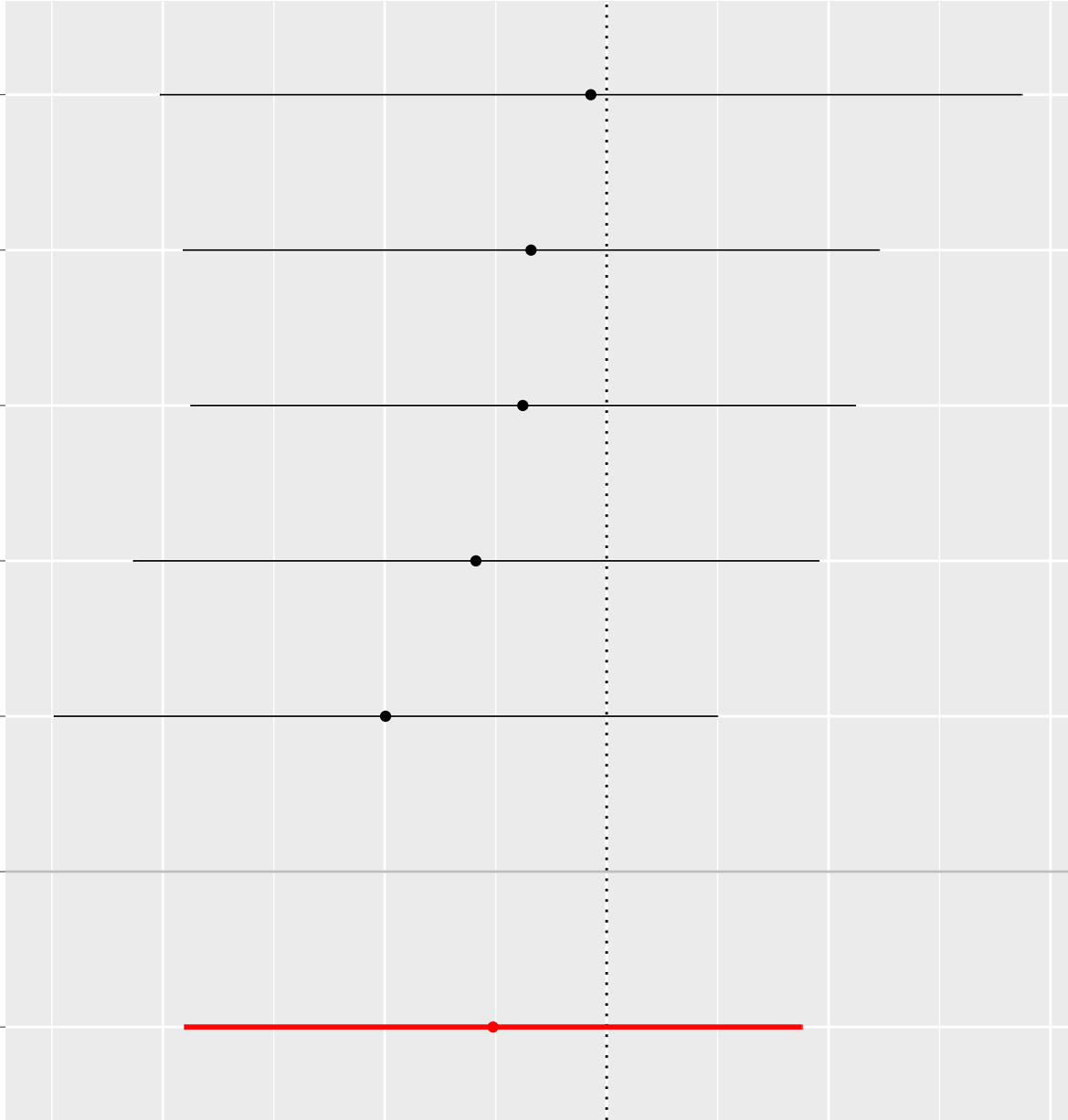
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '10-undecenoate (11:1n1) || id:482'



rs1558902

rs6857

rs6728726

rs9906944

rs693839

All

-0.2

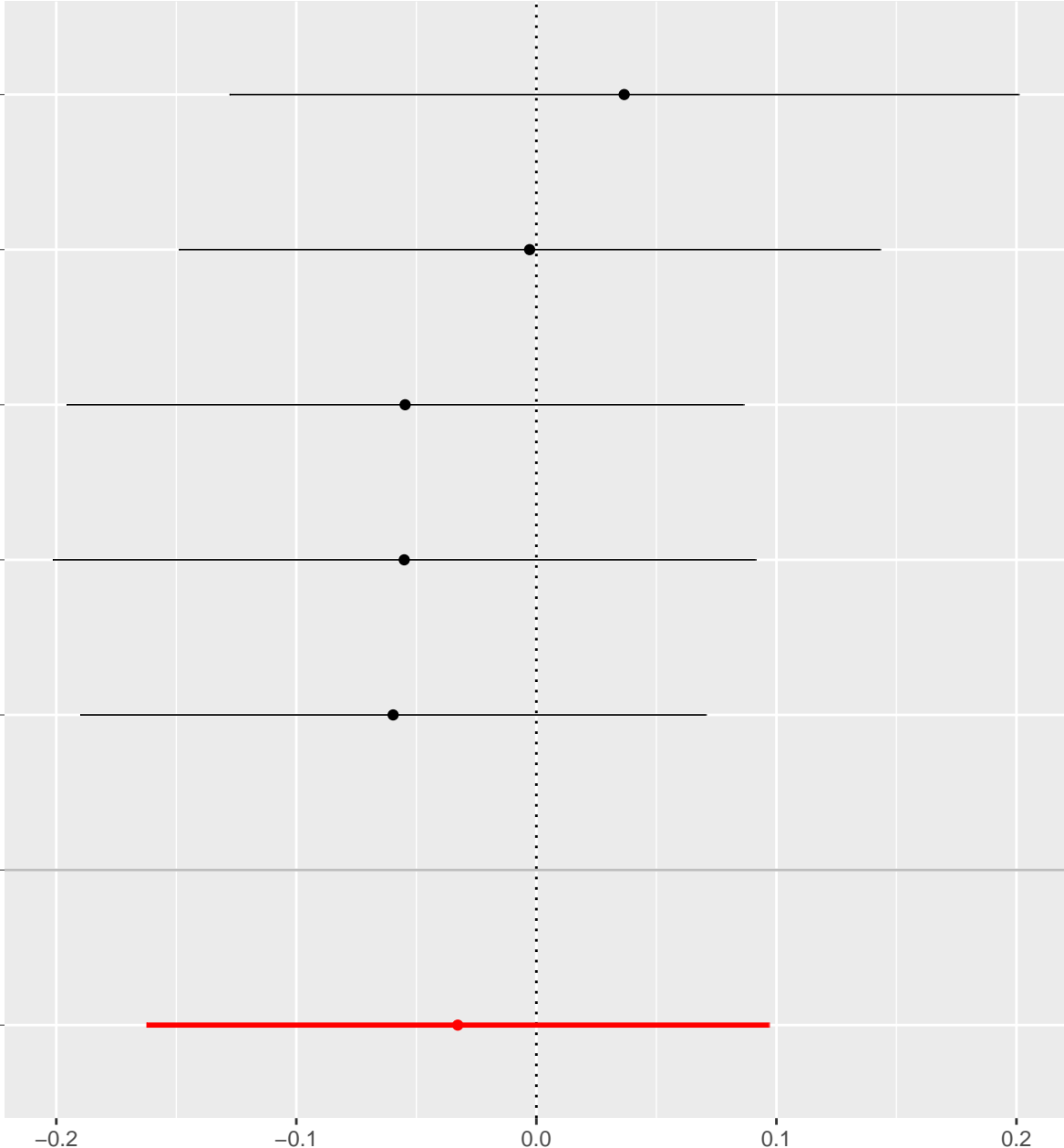
-0.1

0.0

0.1

0.2

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



rs9906944

rs693839

rs6857

rs1558902

rs6728726

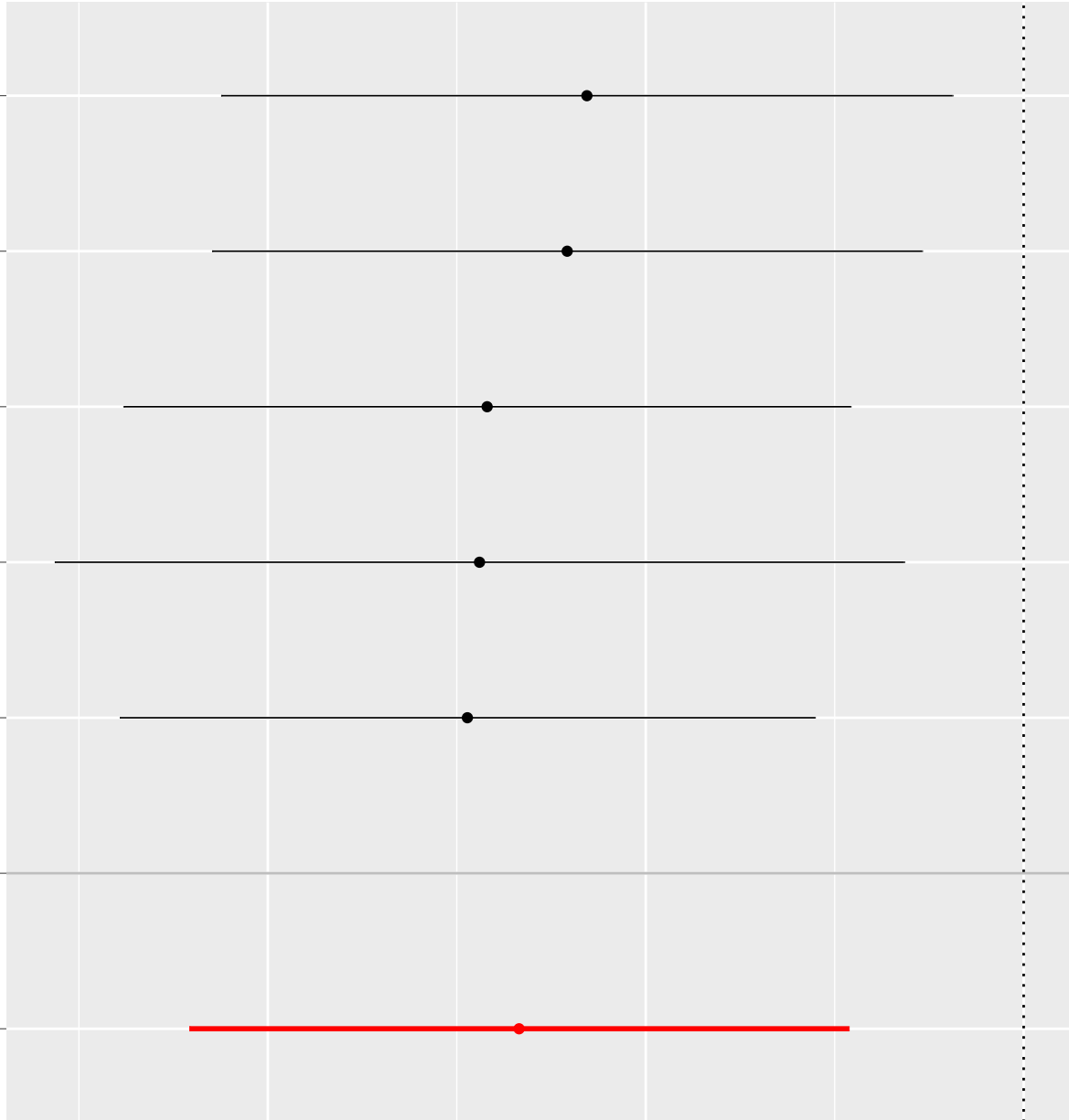
All

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11204 || id:484'



rs1558902

rs6857

rs6728726

rs9906944

rs693839

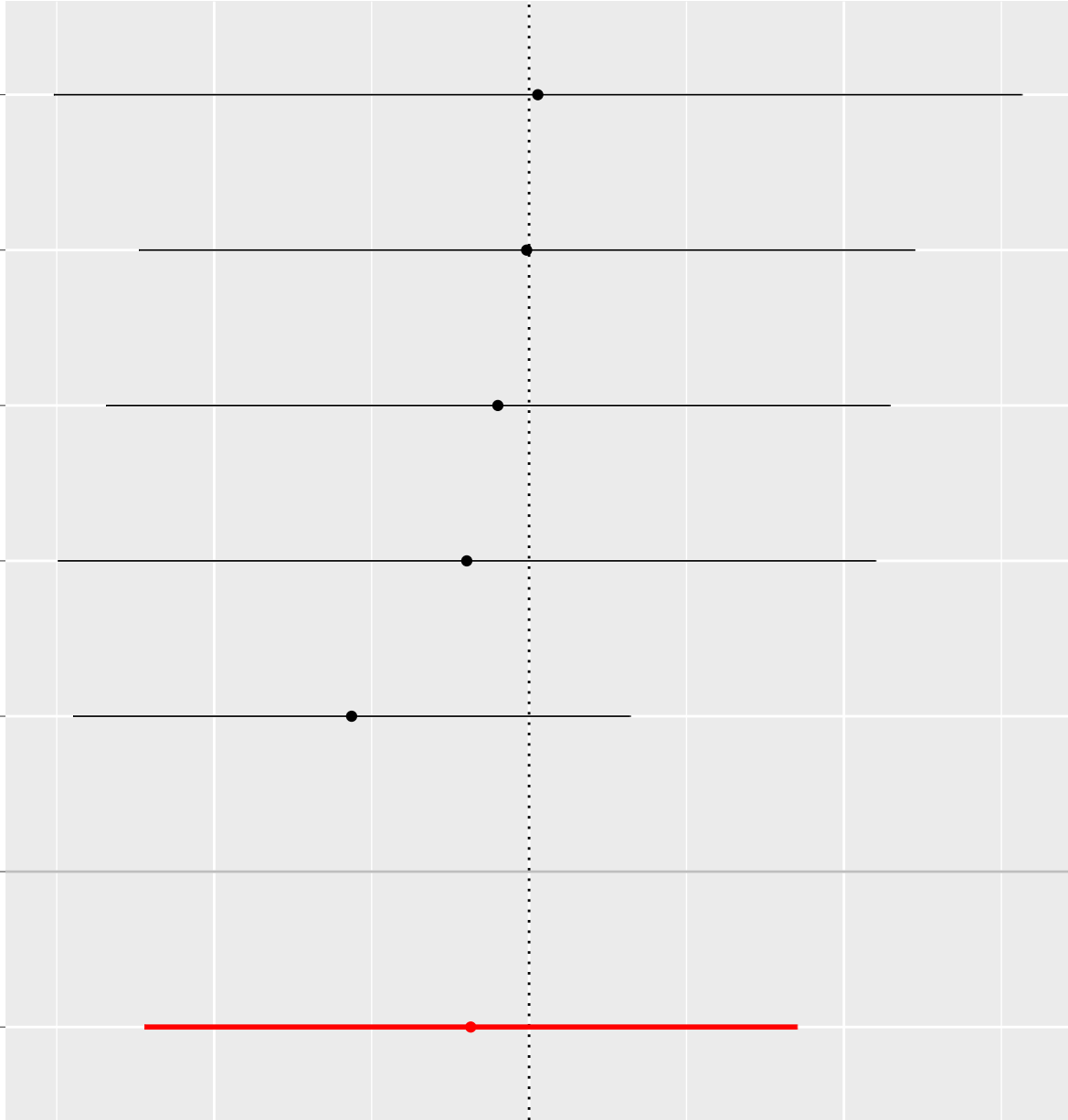
All

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-02269 || id:485'



rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

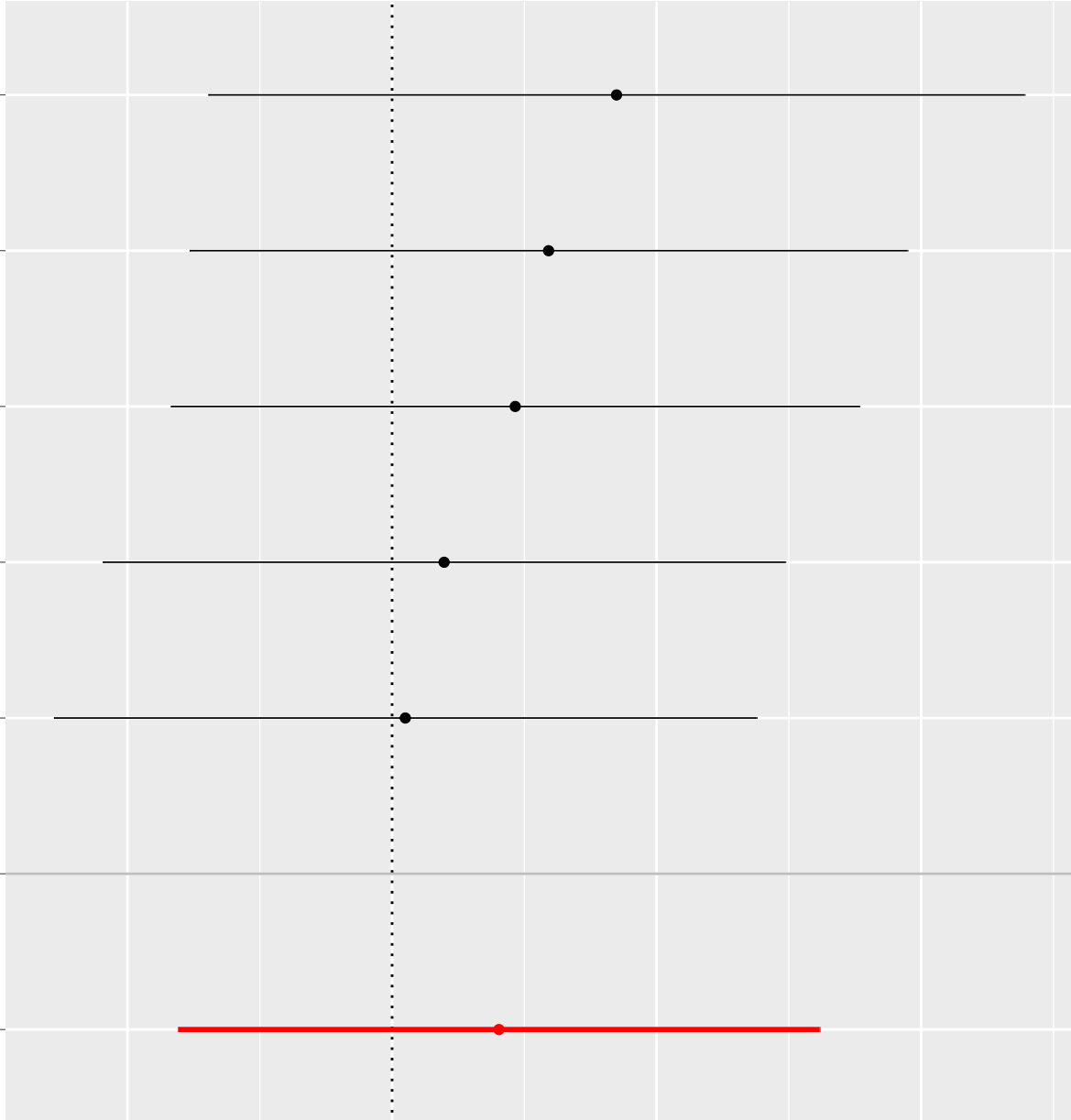
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Phenol sulfate || id:486'





rs6728726

rs693839

rs6857

rs9906944

rs1558902

All

-0.1

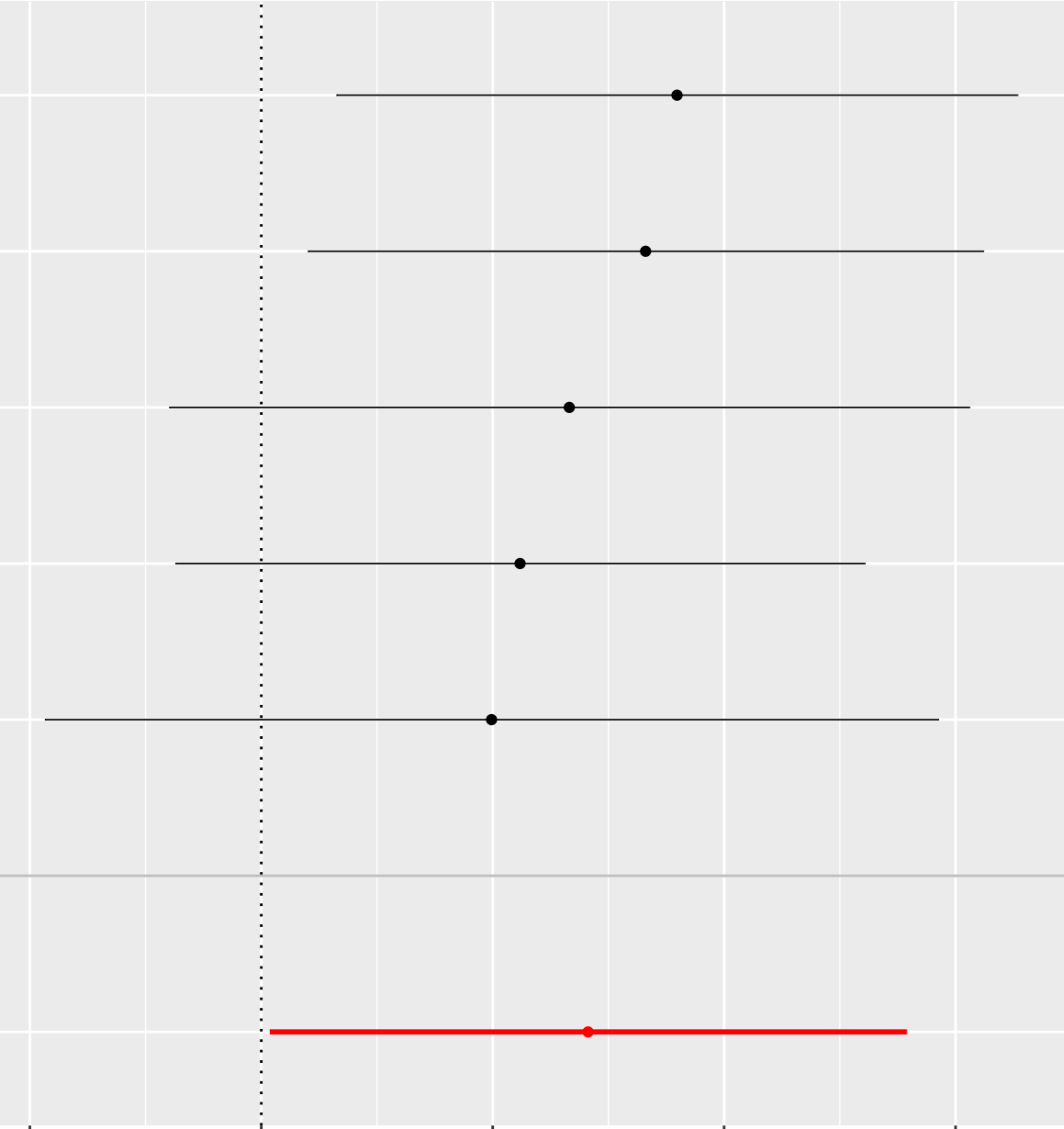
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-06126 || id:487'



rs6857

rs693839

rs9906944

rs1558902

rs6728726

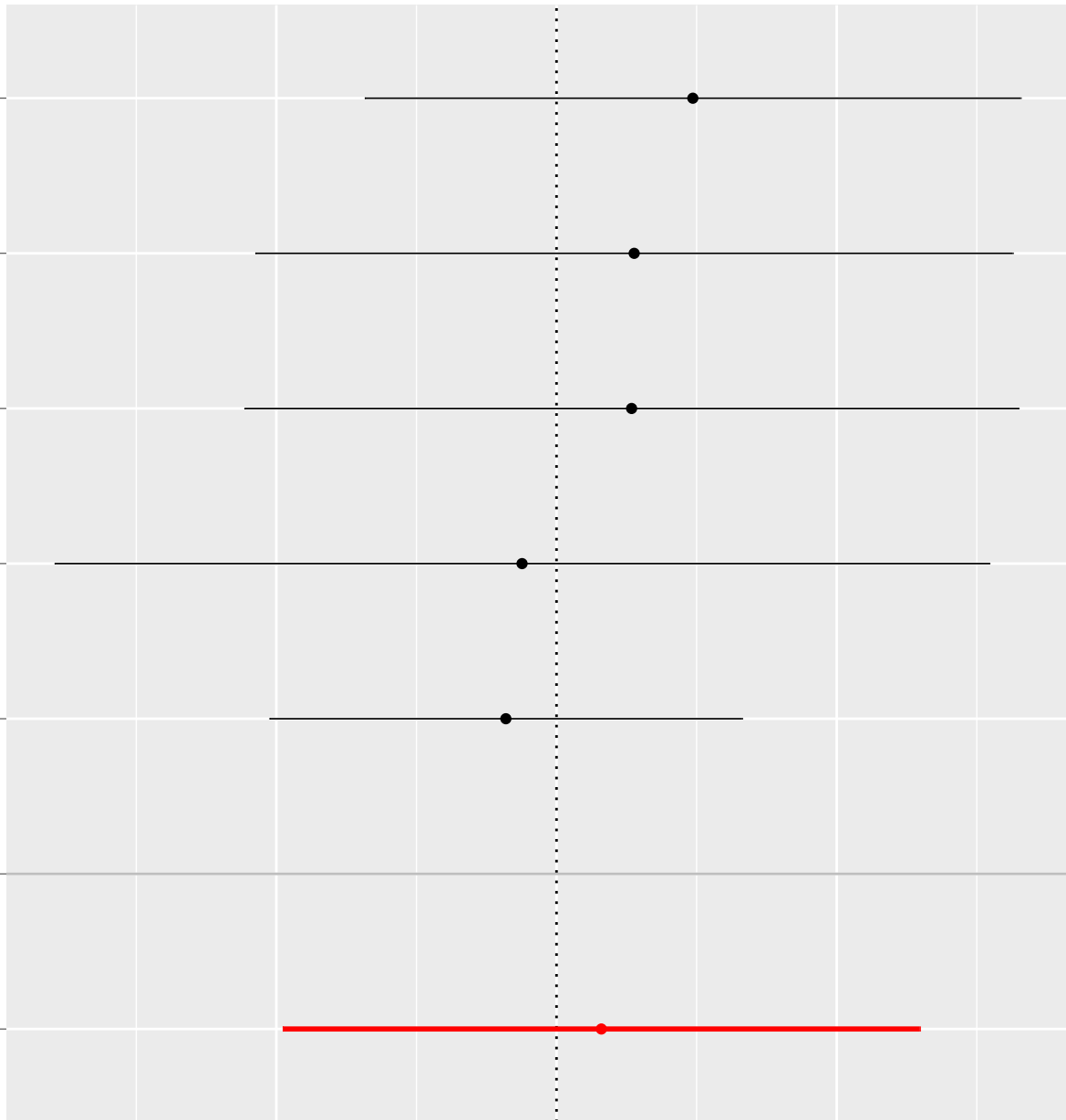
All

-0.3

0.0

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-07765 || id:488'



rs1558902

rs6728726

rs693839

rs6857

rs9906944

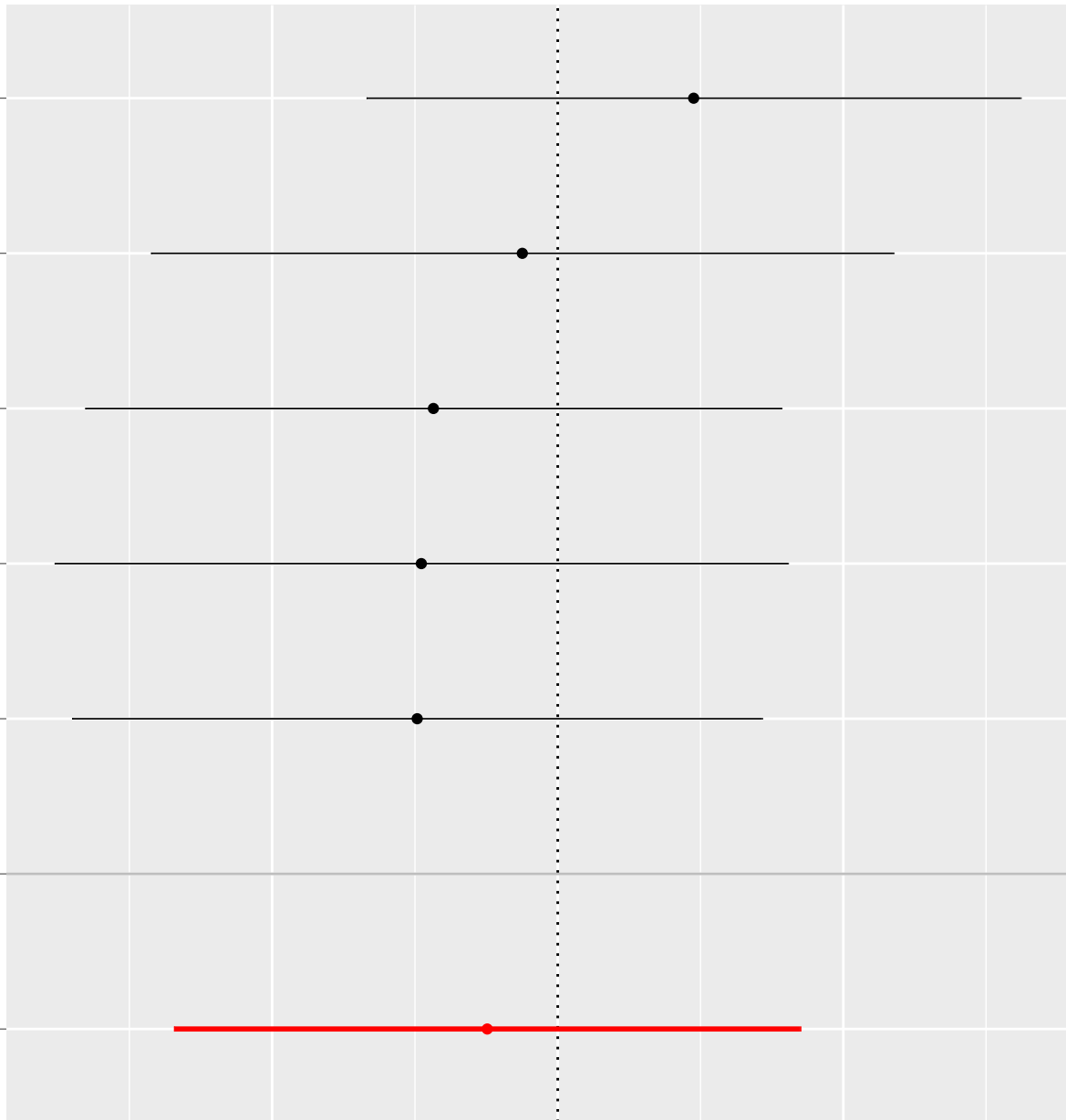
All

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11247 || id:489'



rs1558902

rs6857

rs9906944

rs693839

rs6728726

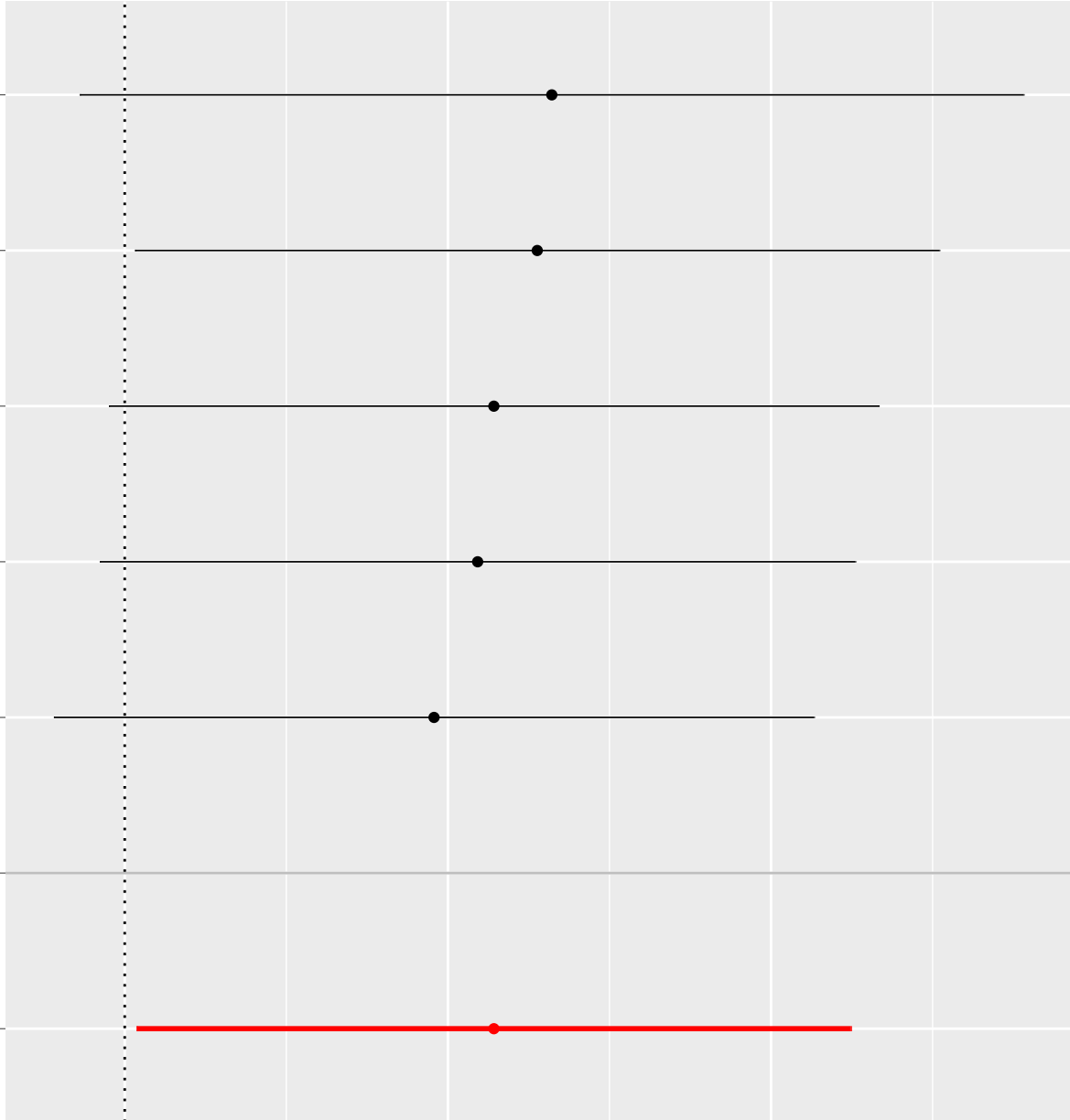
All

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11261 || id:490'



rs1558902

rs6857

rs693839

rs9906944

rs6728726

All

-0.1

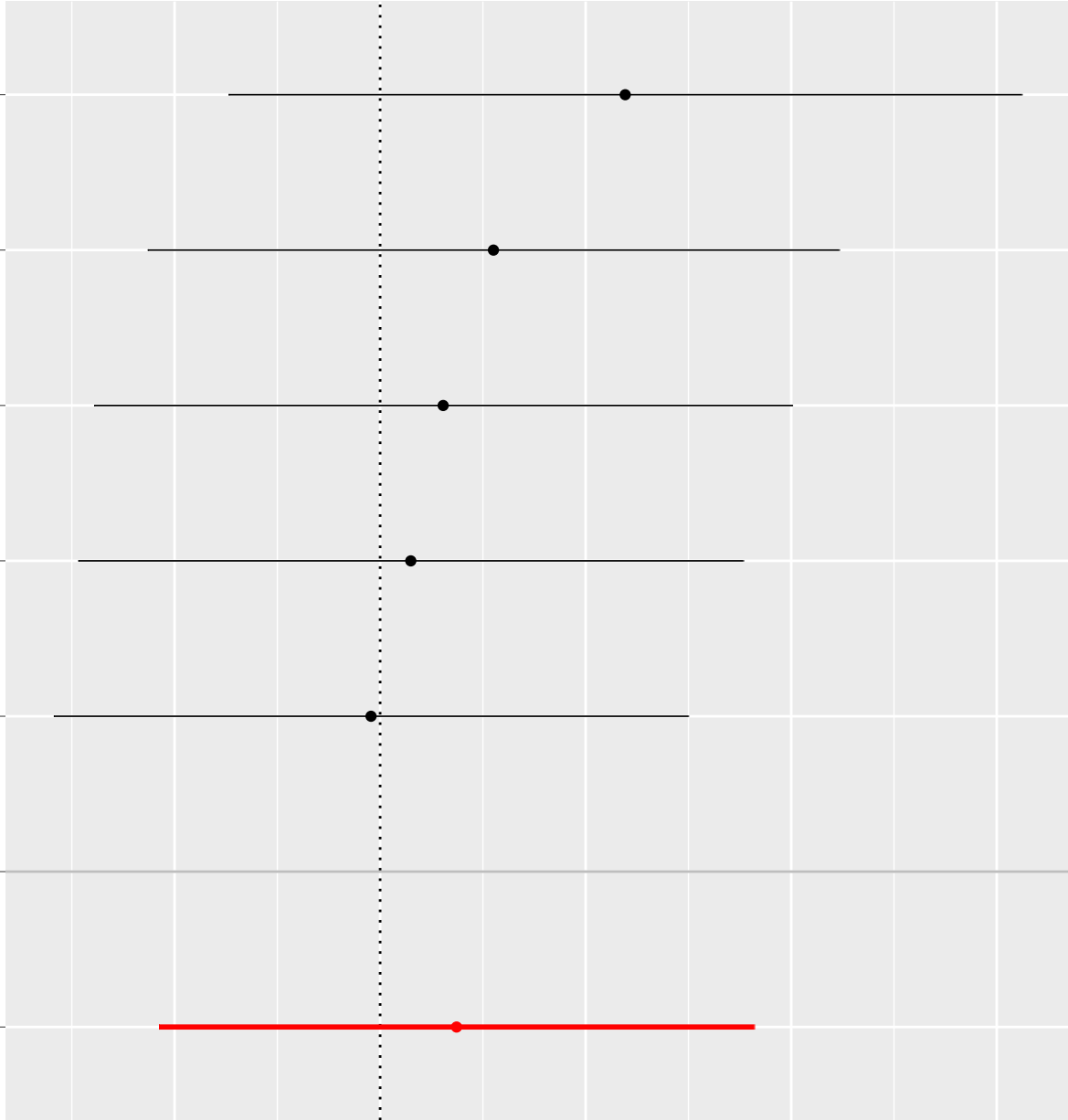
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Bilirubin (E,E)\* || id:491'



rs693839

rs6728726

rs6857

rs9906944

rs1558902

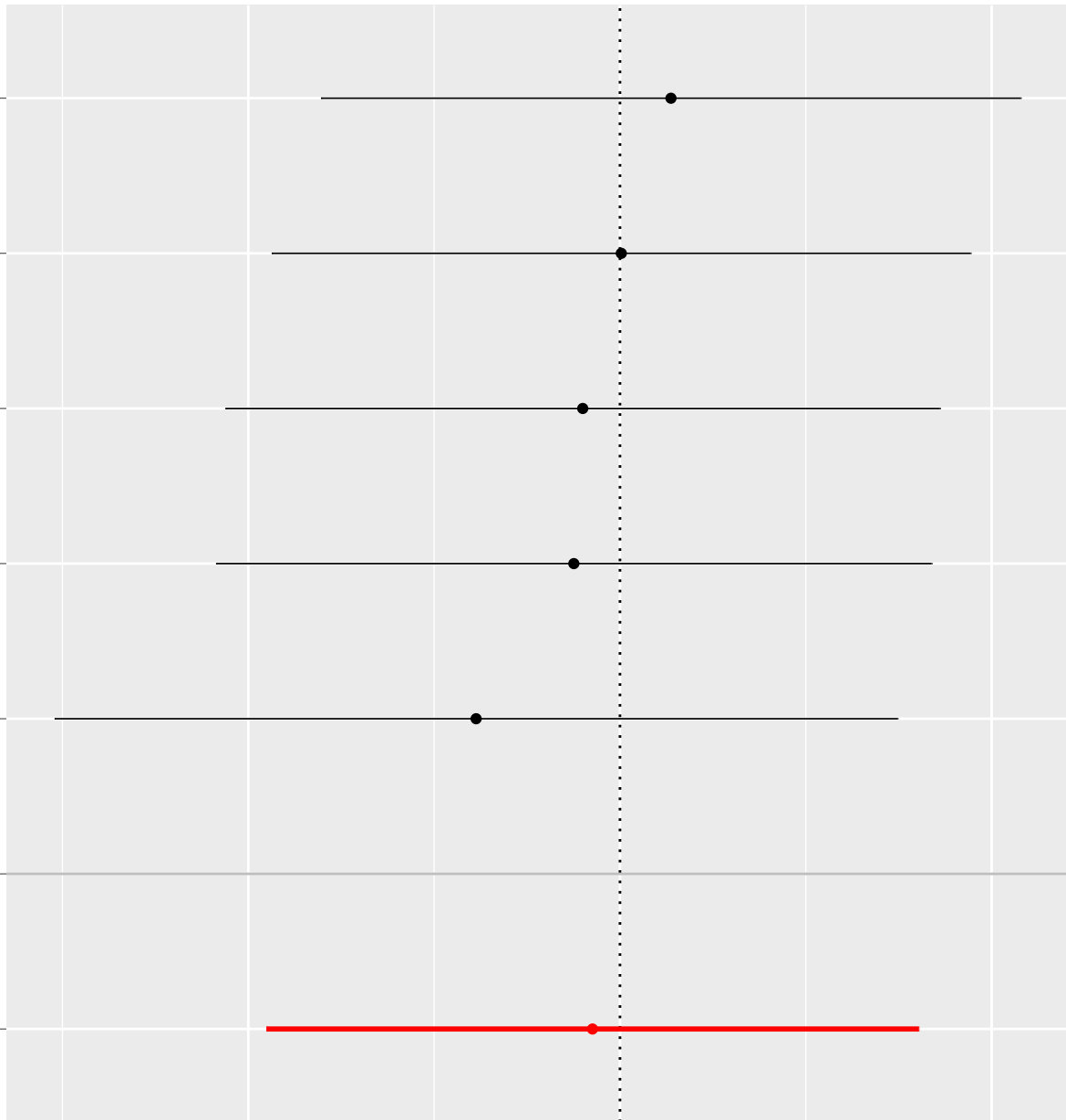
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-02249 || id:492'



rs1558902

rs6857

rs693839

rs9906944

rs6728726

All

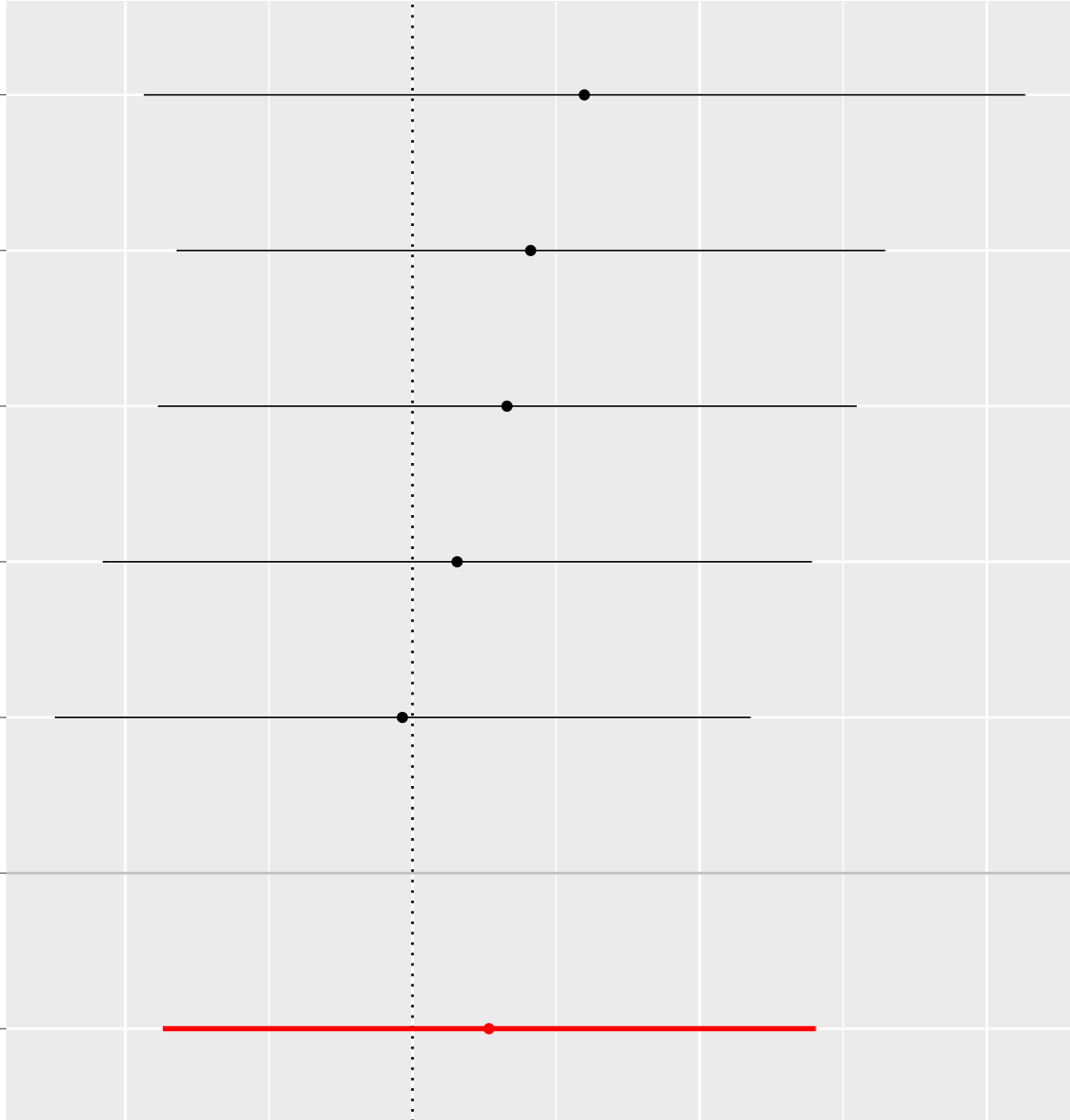
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Heme\* || id:493'



rs1558902

rs6728726

rs693839

rs9906944

rs6857

All

-0.2

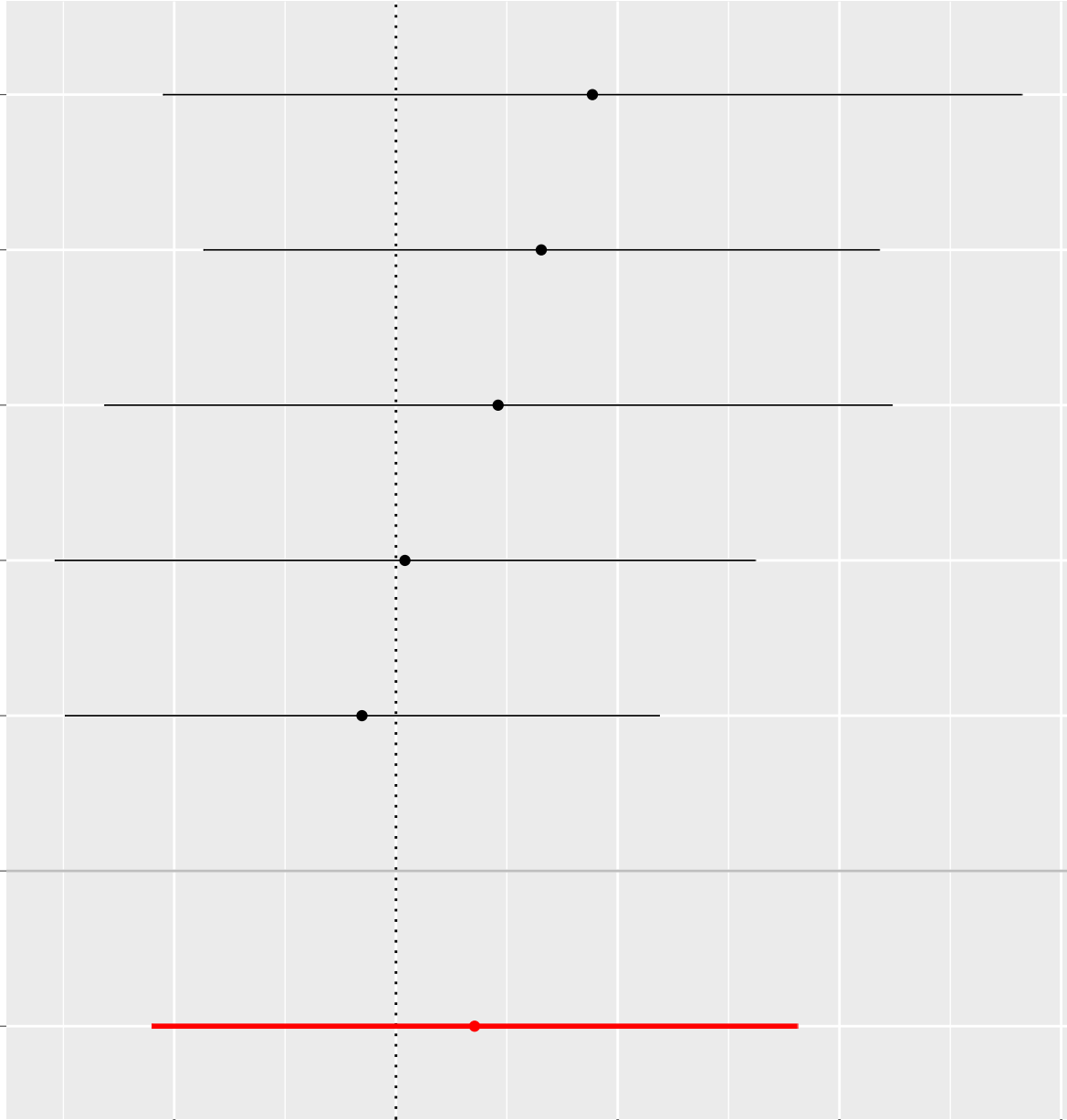
0.0

0.2

0.4

0.6

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11299 || id:494'





rs6728726

rs693839

rs1558902

rs6857

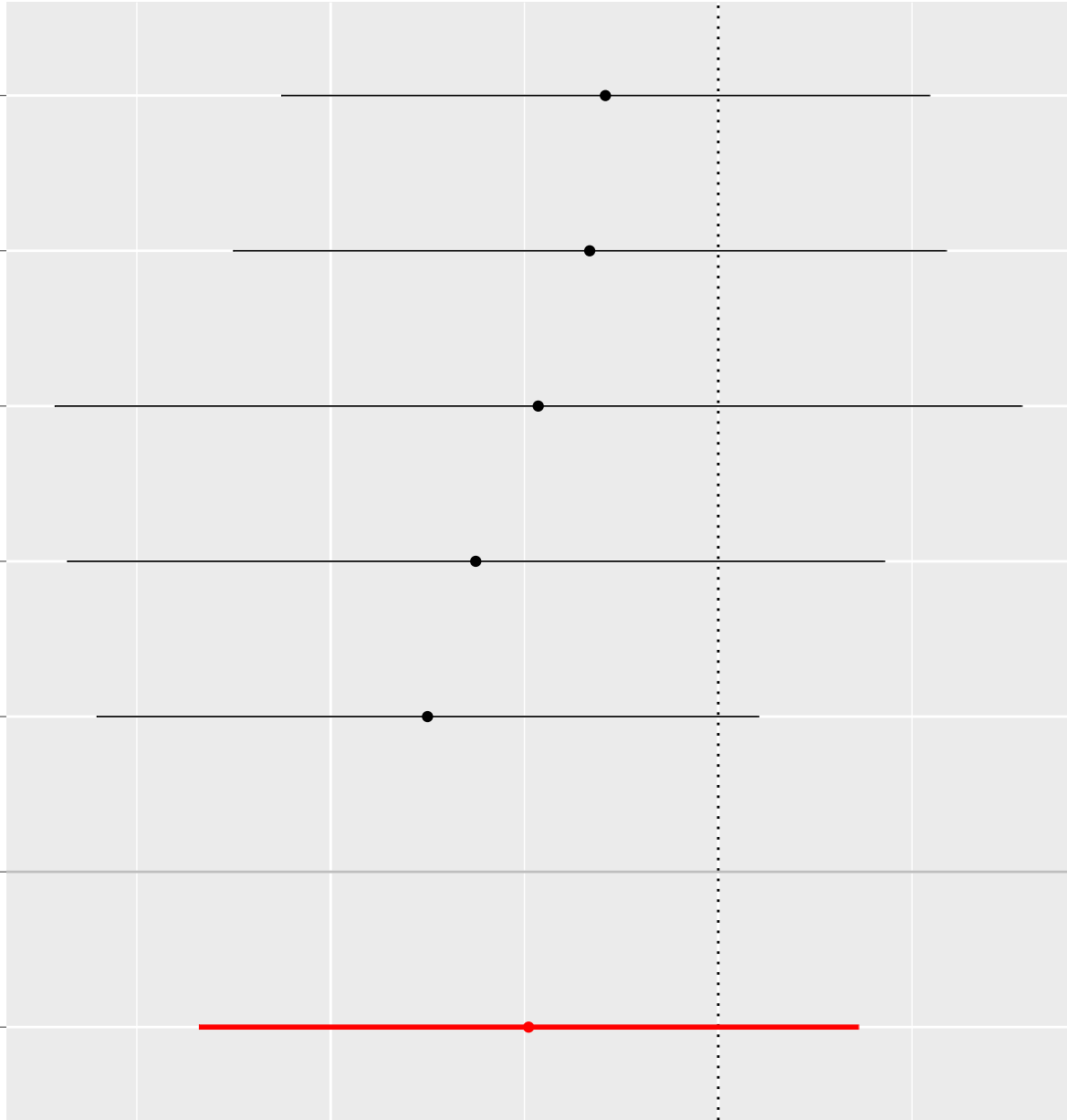
rs9906944

All

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11315 || id:495'



rs1558902

rs9906944

rs6728726

rs693839

rs6857

All

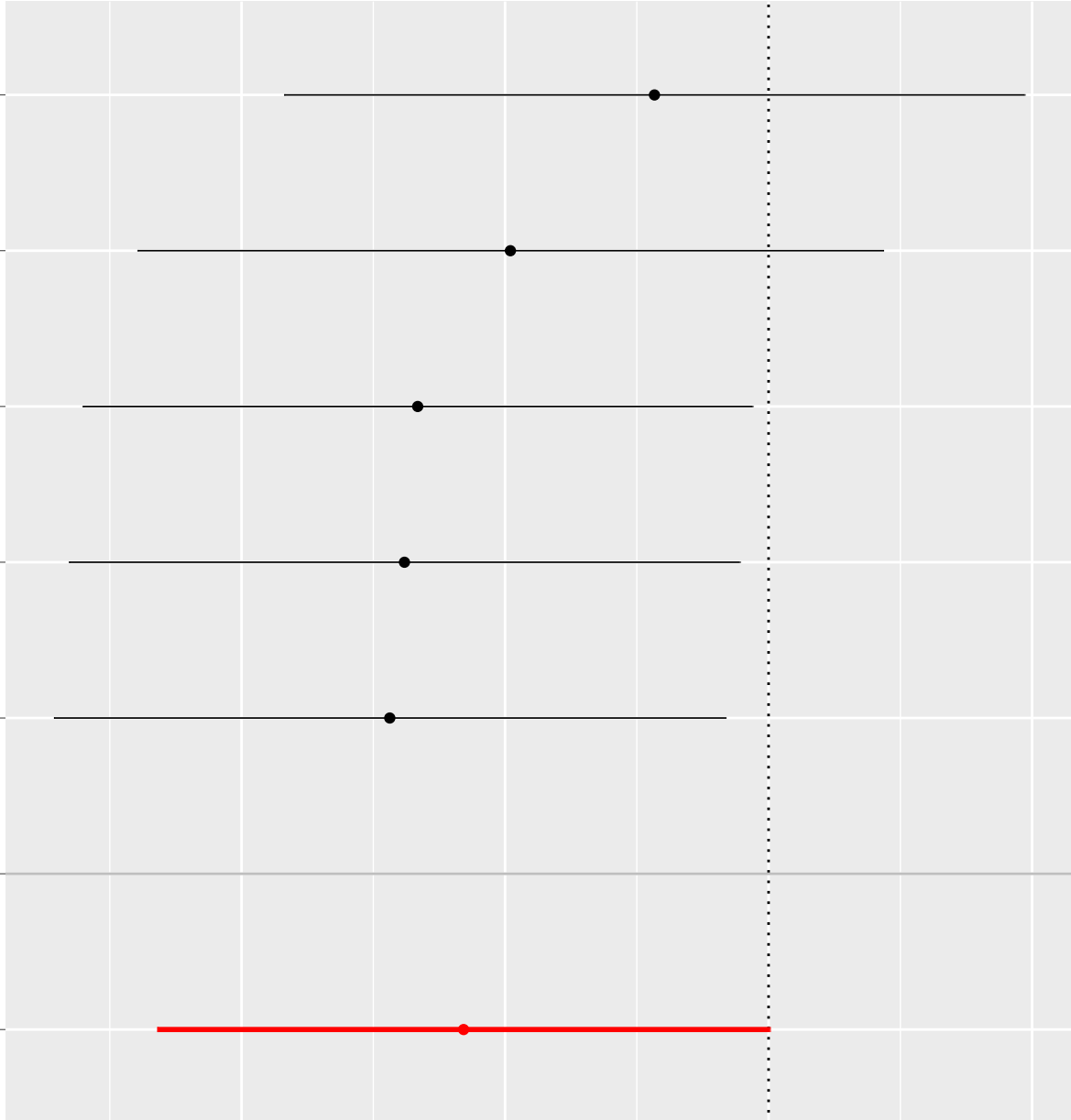
-0.08

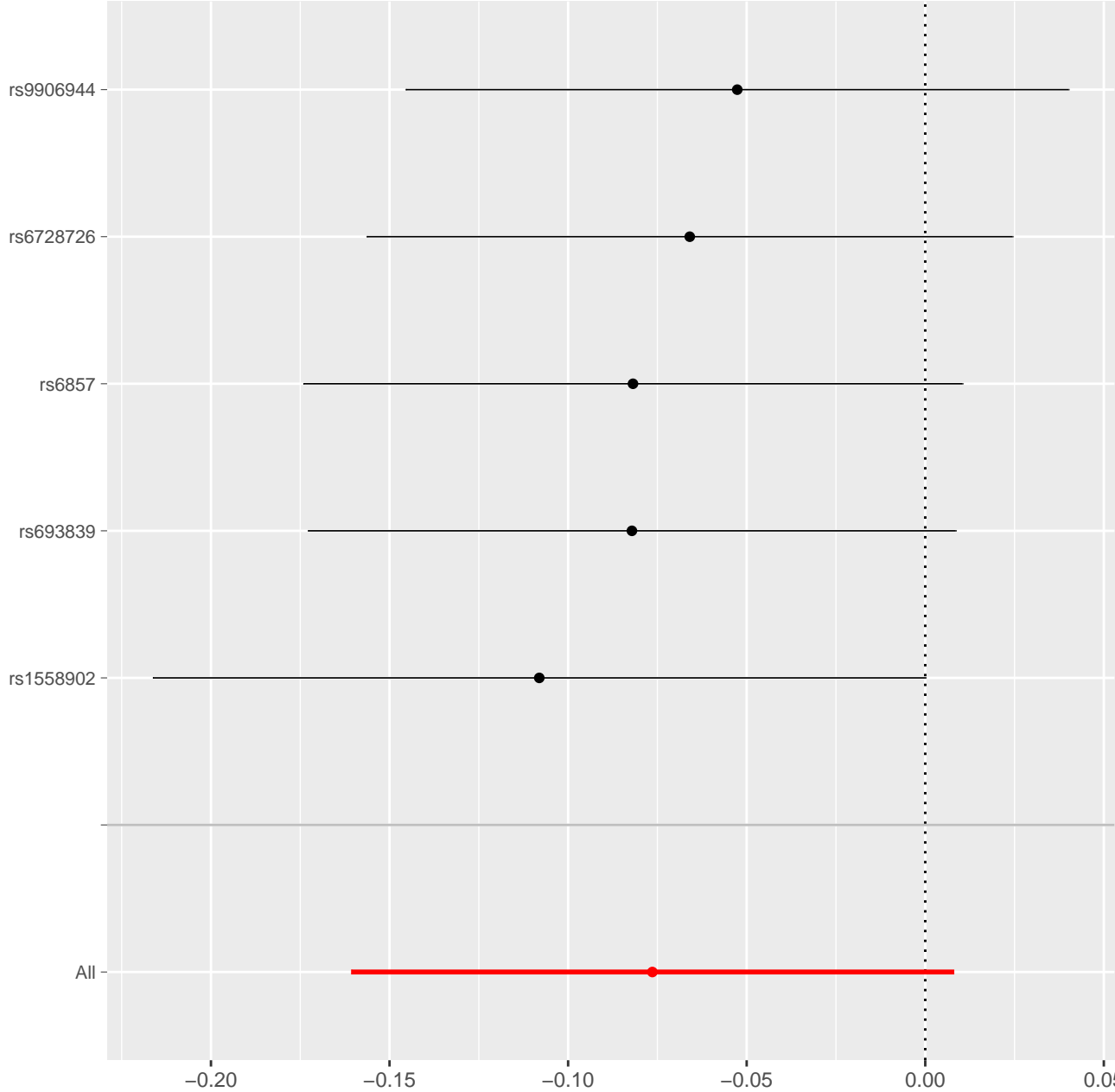
-0.04

0.00

0.04

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11317 || id:496'





rs6728726

rs9906944

rs1558902

rs693839

rs6857

All

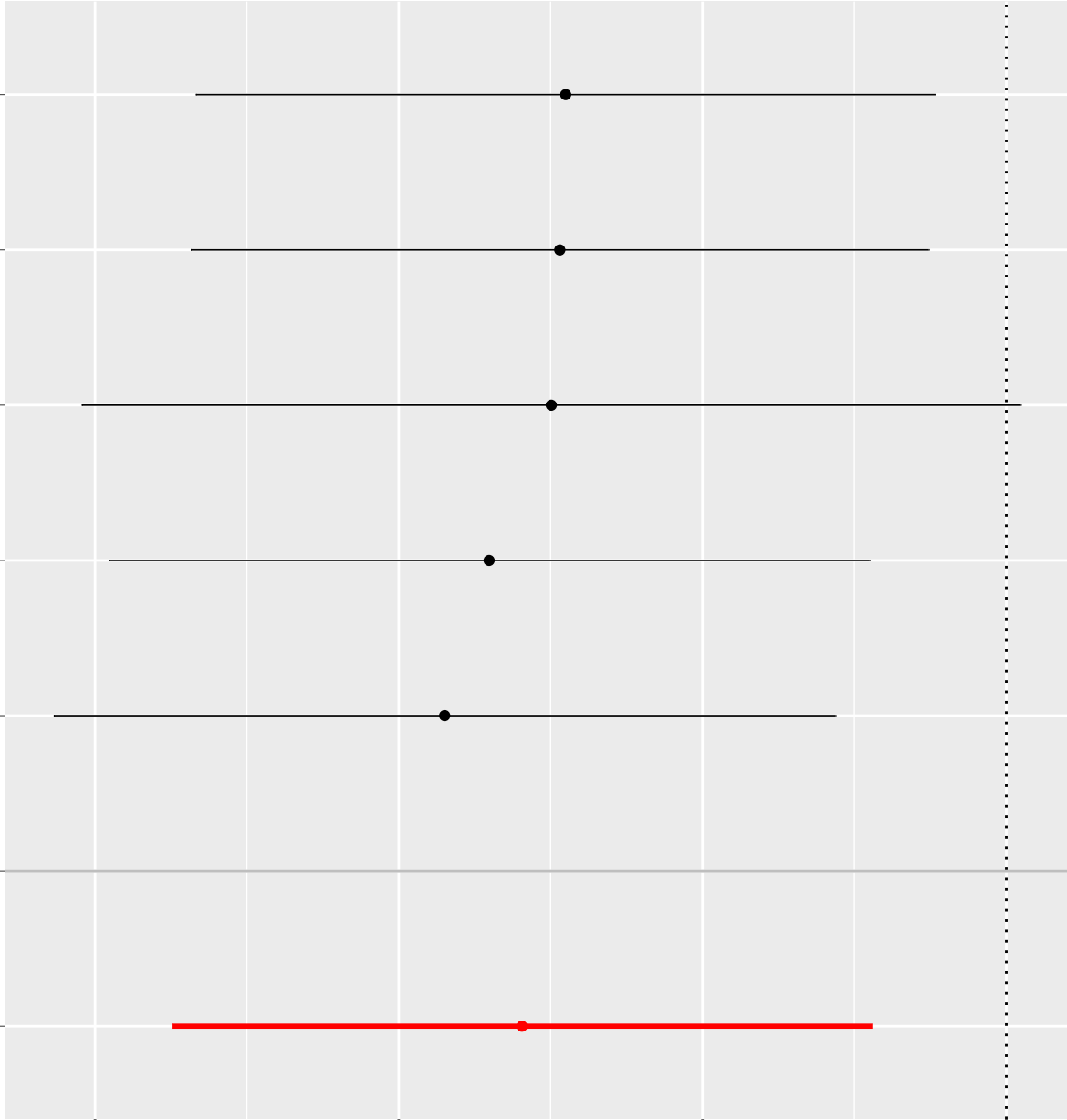
-0.12

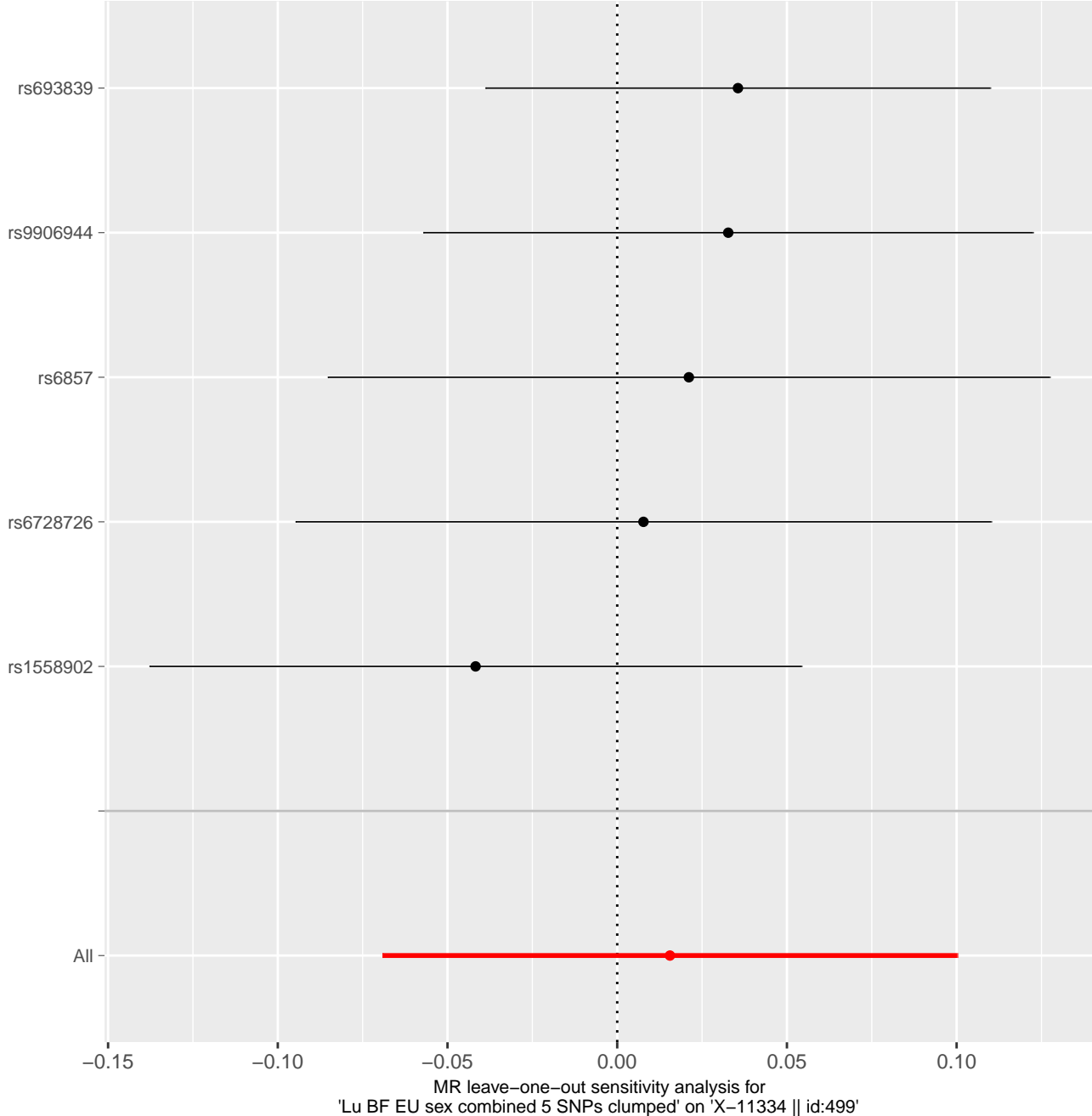
-0.08

-0.04

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11327 || id:498'





rs693839

rs9906944

rs6857

rs6728726

rs1558902

All

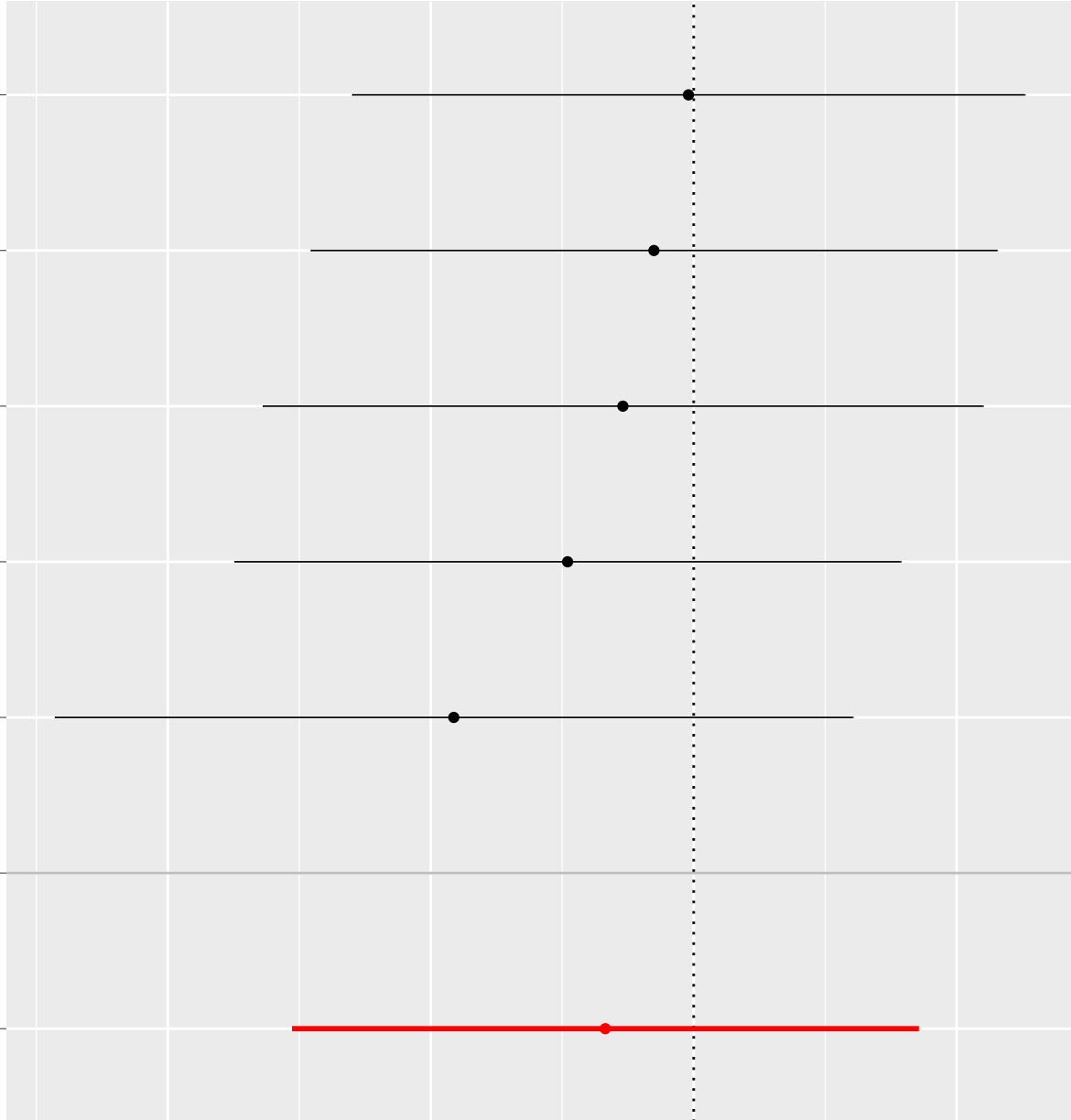
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '3-dehydrocarnitine\* || id:500'



rs693839

rs6728726

rs1558902

rs9906944

rs6857

All

-0.10

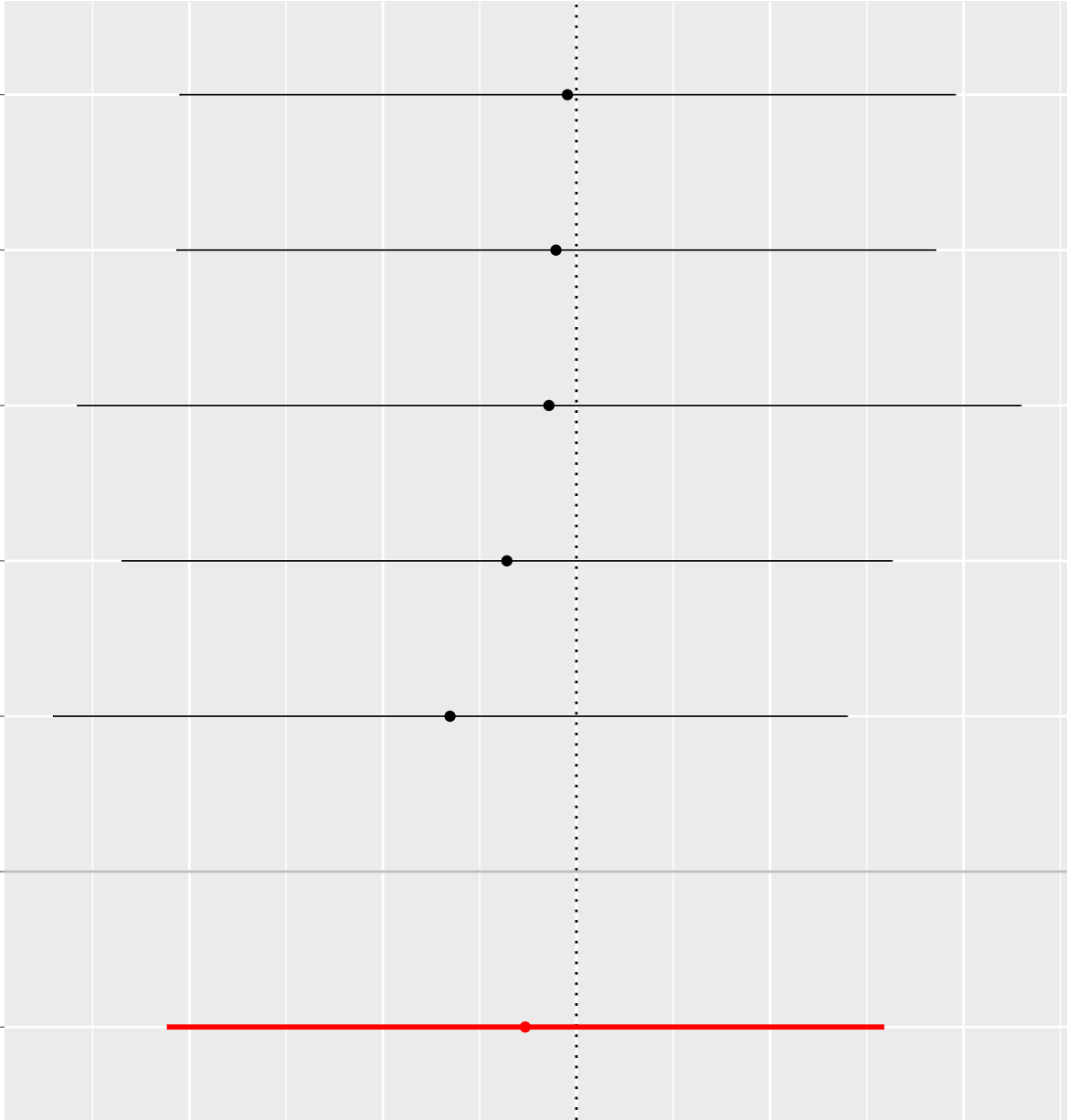
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Pyroglutamine\* || id:501'



rs6728726

rs693839

rs6857

rs9906944

rs1558902

All

0.000

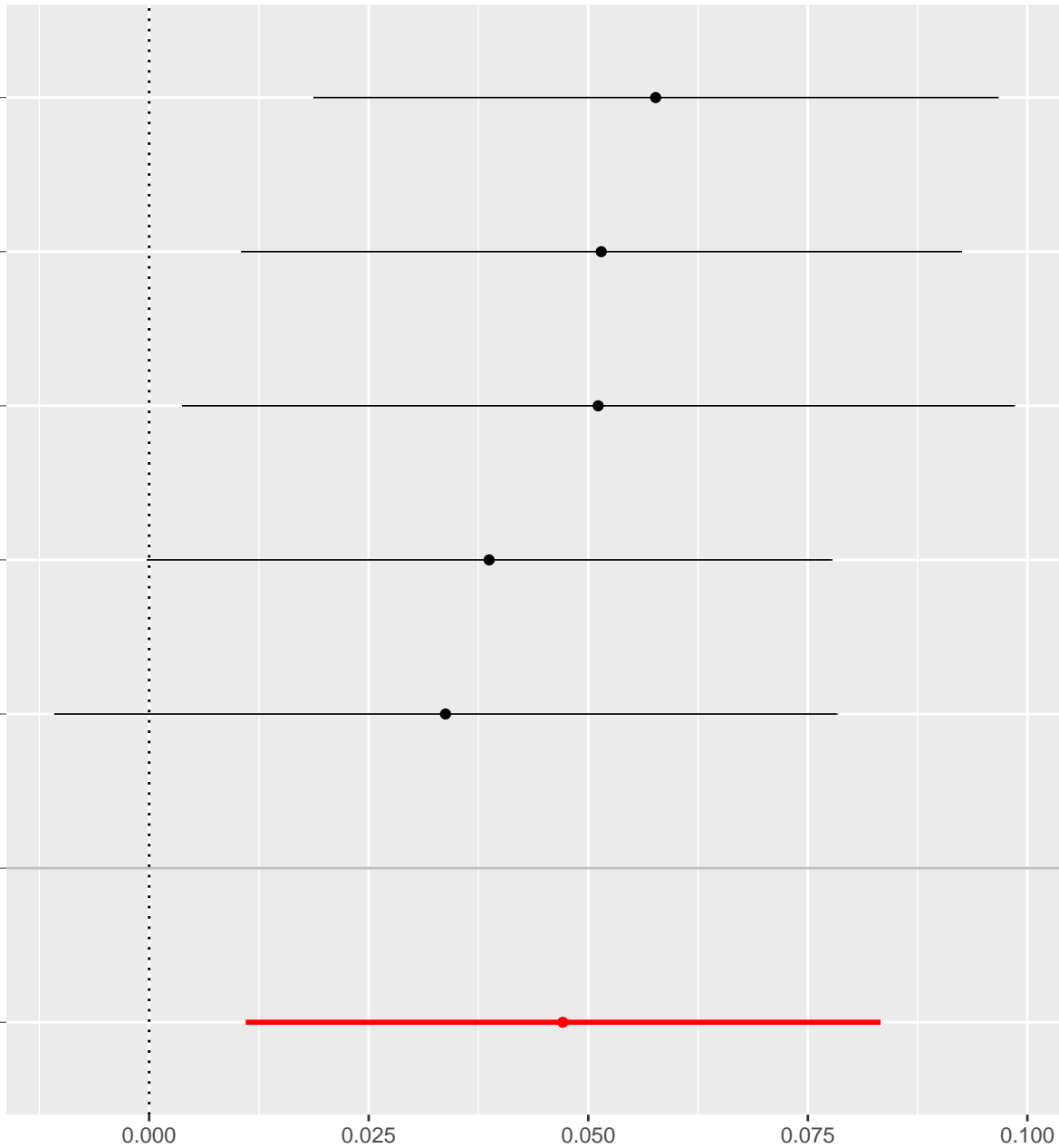
0.025

0.050

0.075

0.100

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'C-glycosyltryptophan\* || id:502'





rs1558902

rs6857

rs693839

rs9906944

rs6728726

All

-0.2

-0.1

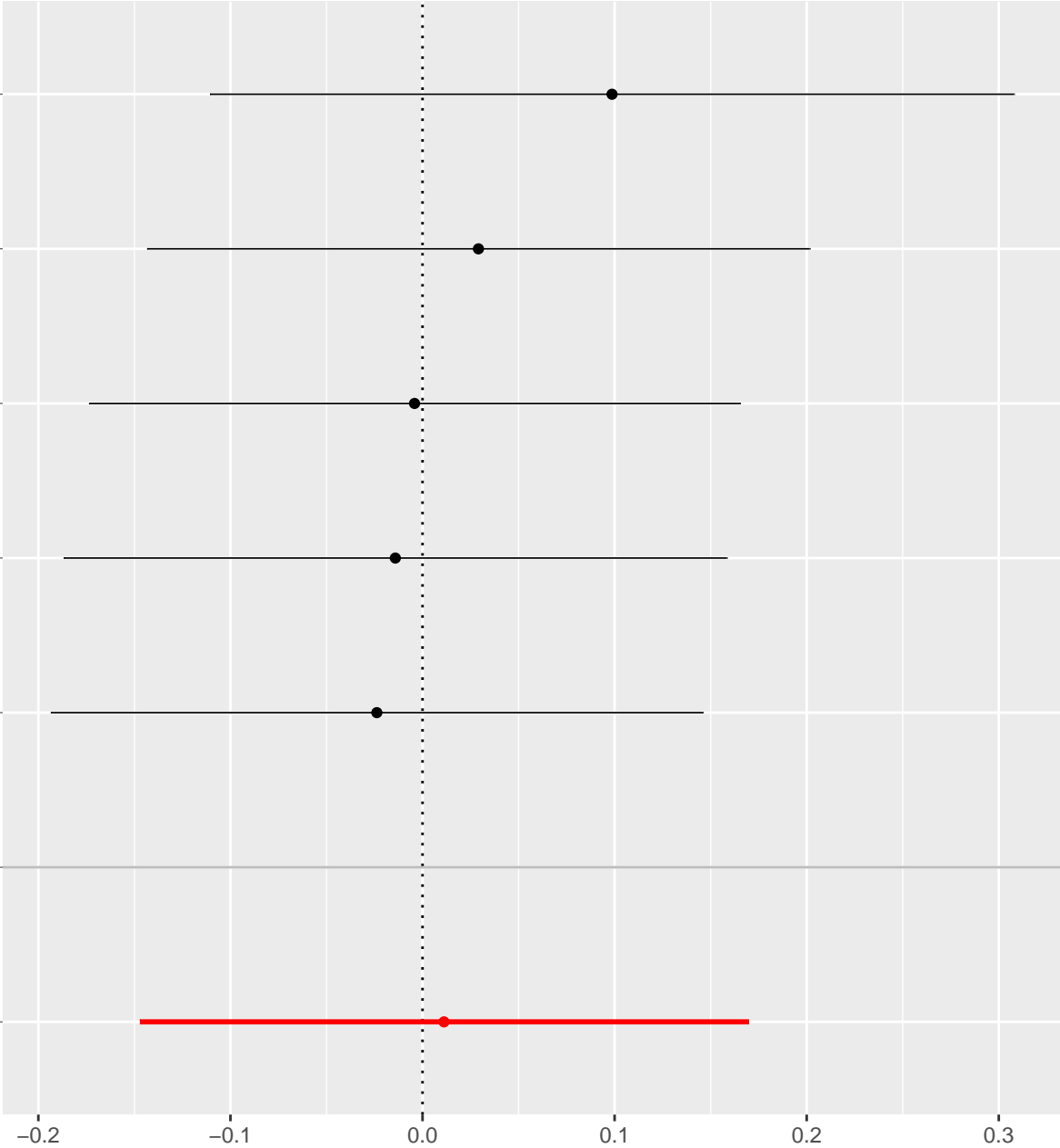
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11374 || id:503'



rs6728726

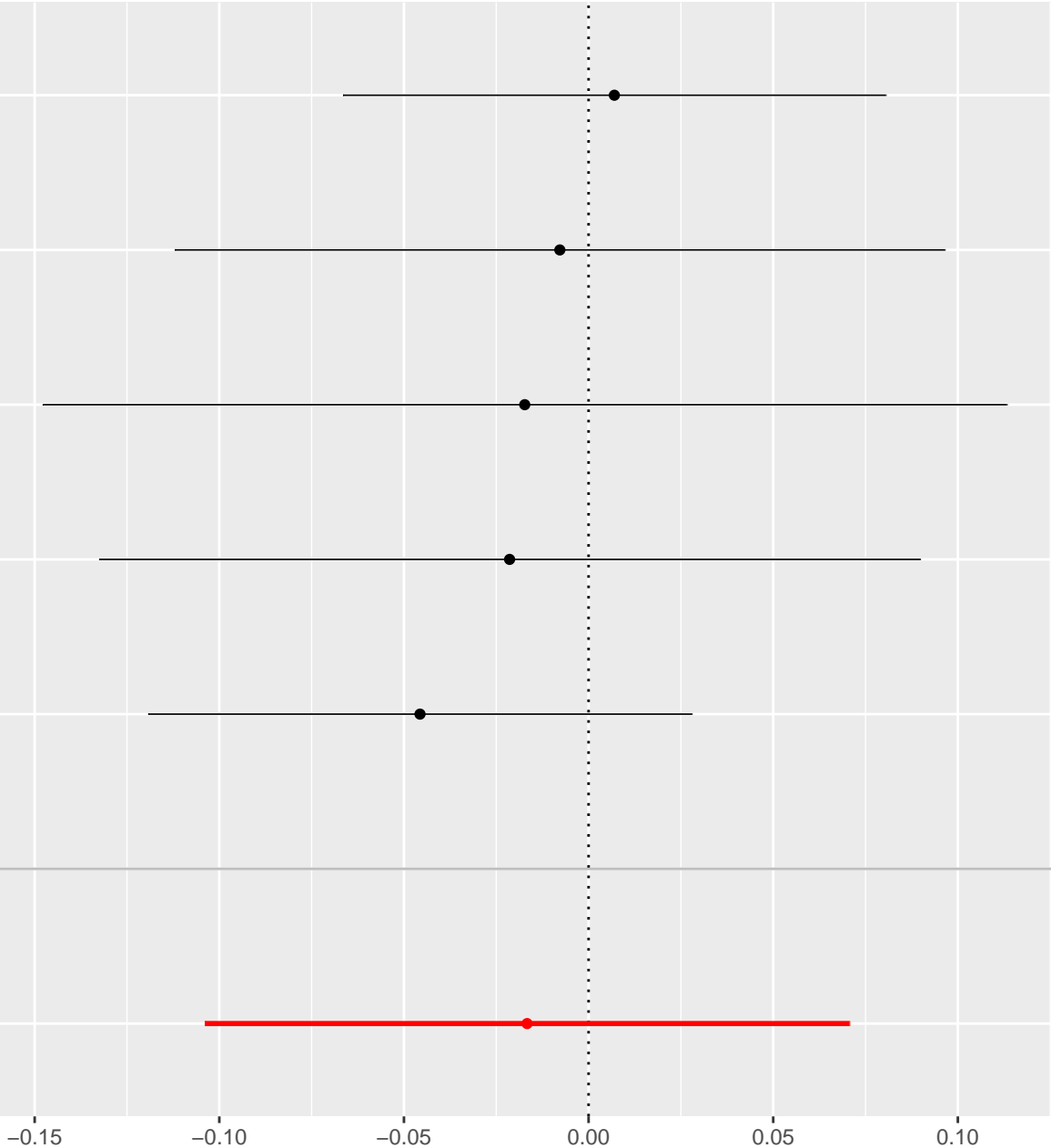
rs693839

rs1558902

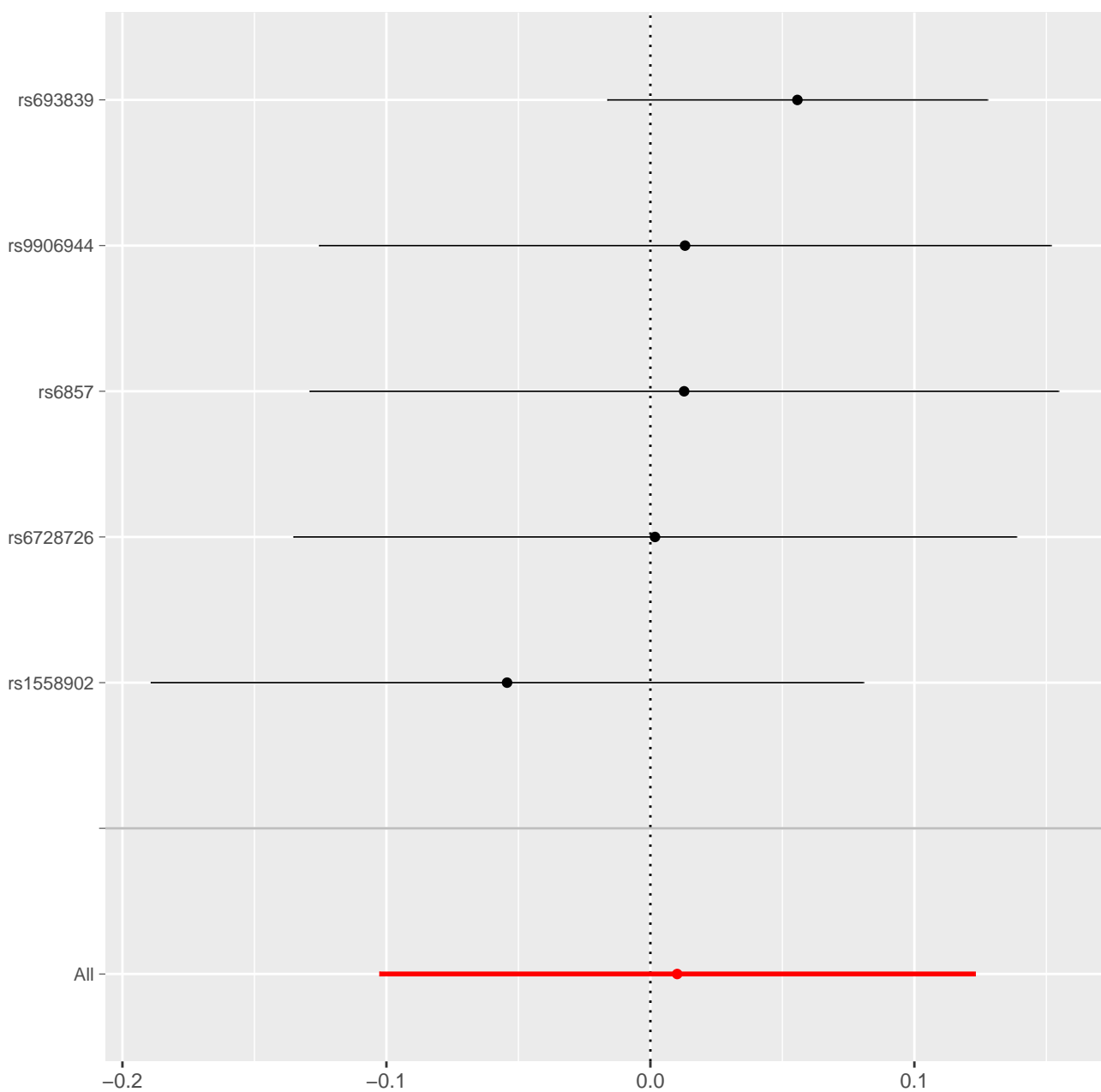
rs6857

rs9906944

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11381 || id:504'



rs1558902

rs9906944

rs6728726

rs693839

rs6857

All

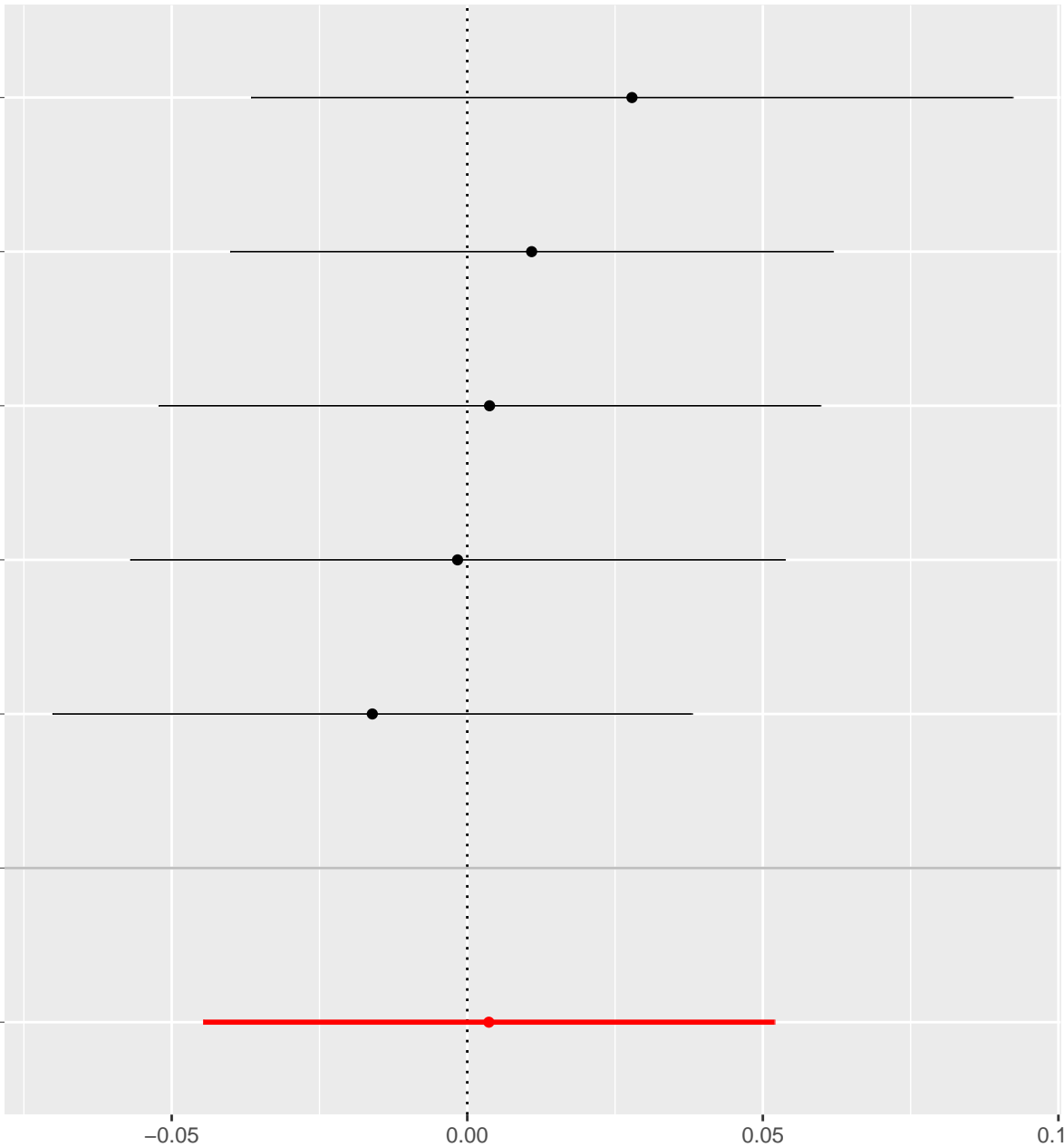
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11412 || id:506'



rs6857

rs693839

rs1558902

rs6728726

rs9906944

All

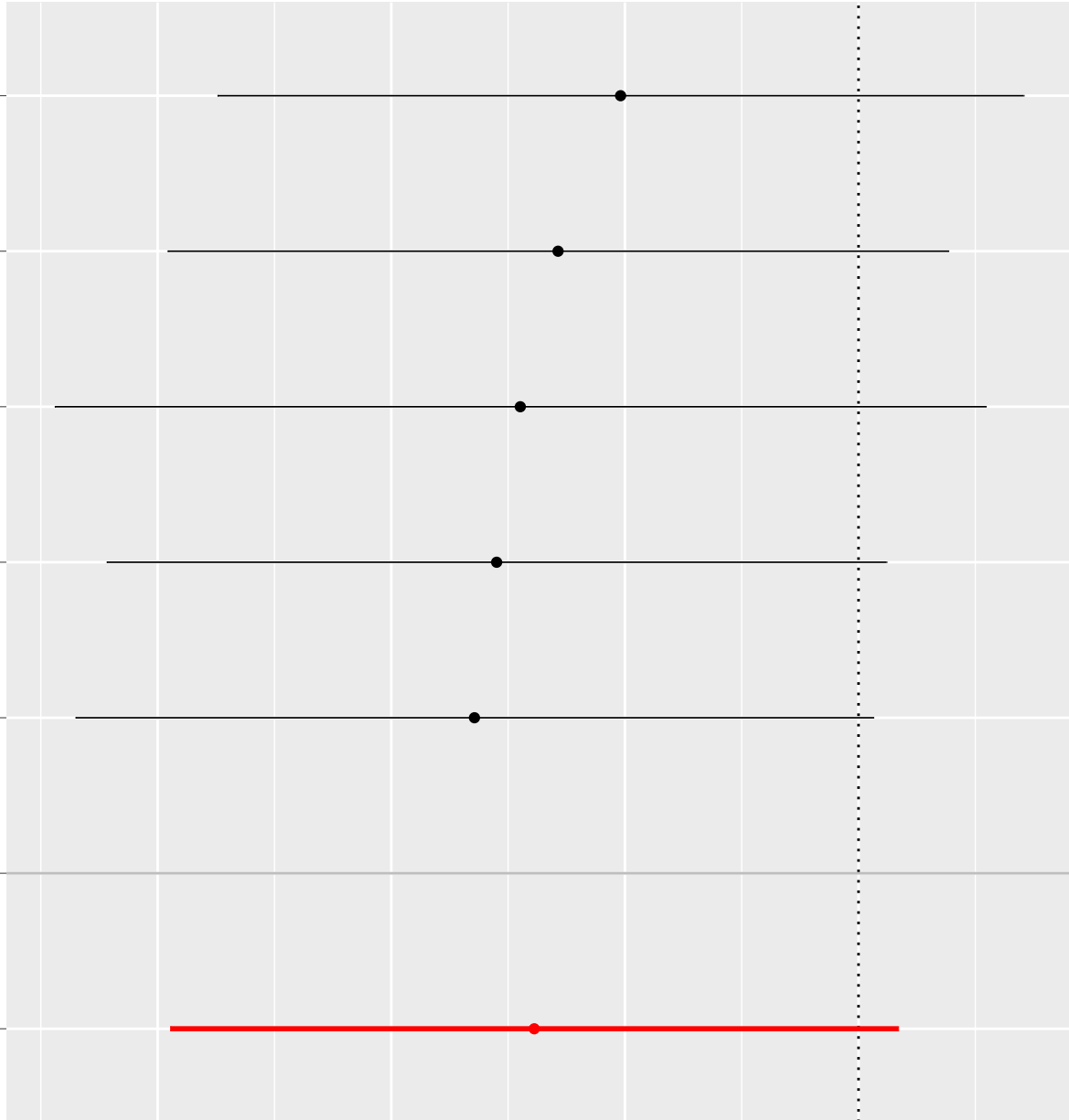
-0.3

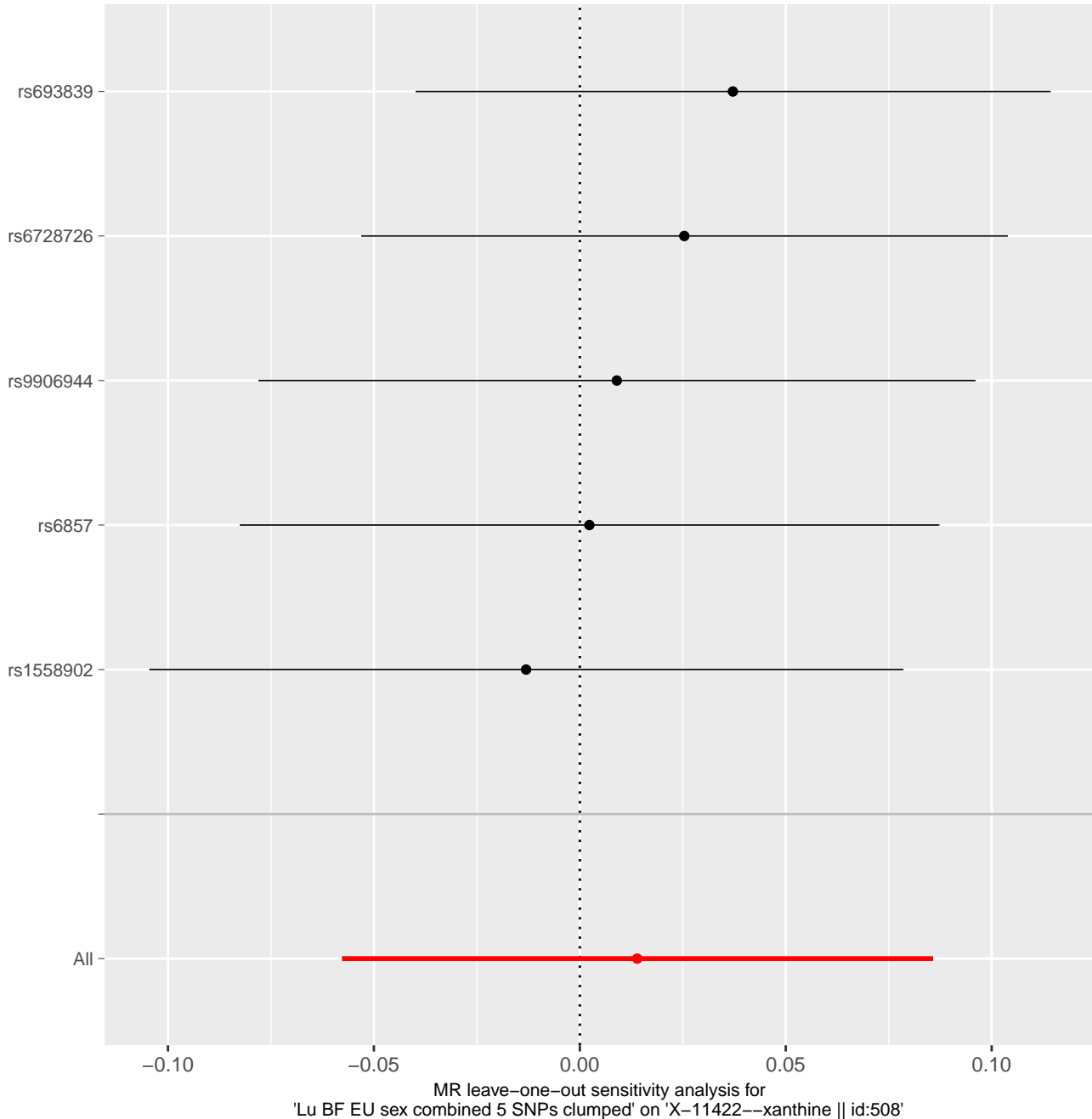
-0.2

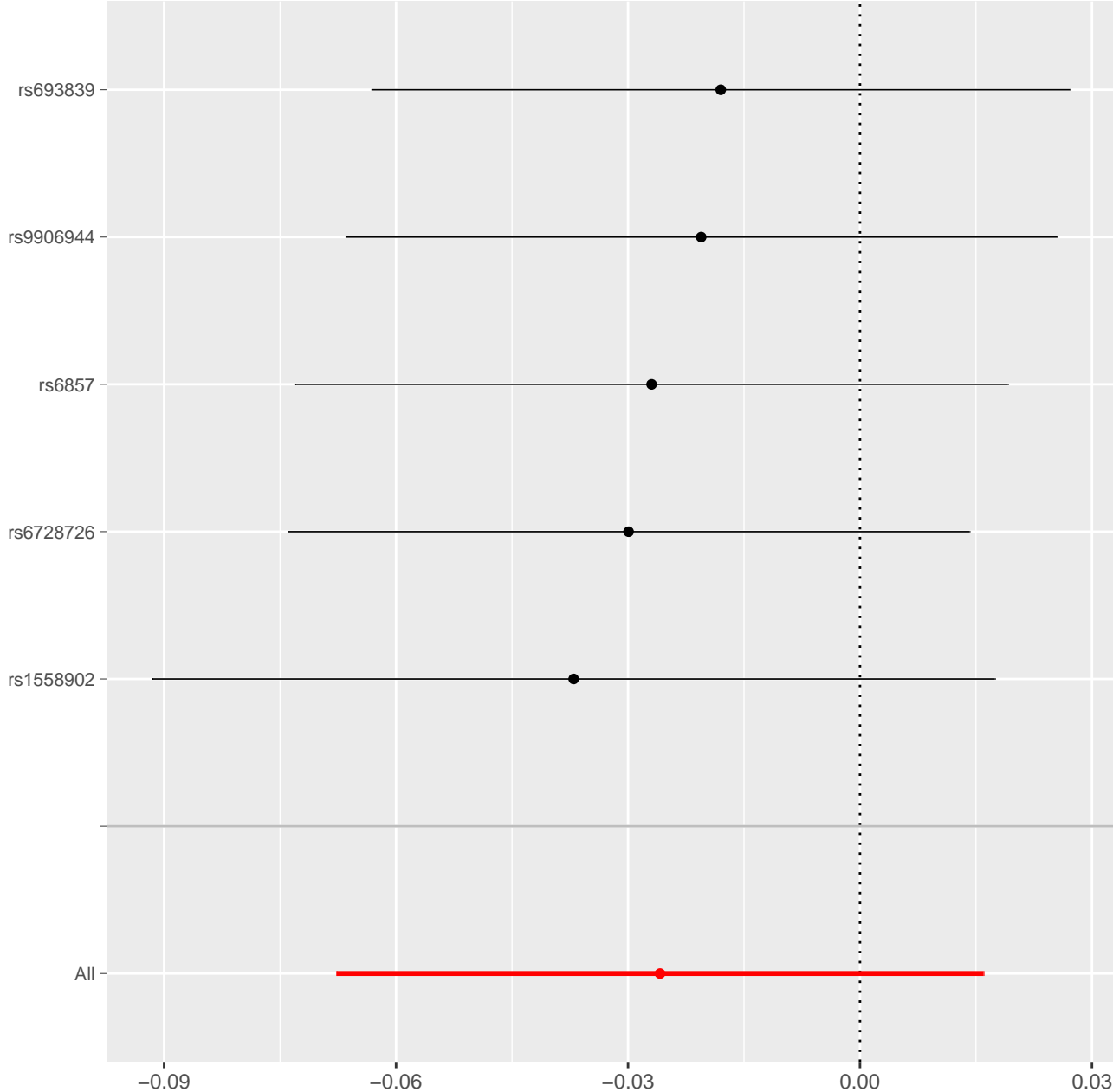
-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-01911 || id:507'







MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11423--O-sulfo-L-tyrosine || id:509'

rs6857

rs9906944

rs693839

rs6728726

rs1558902

All

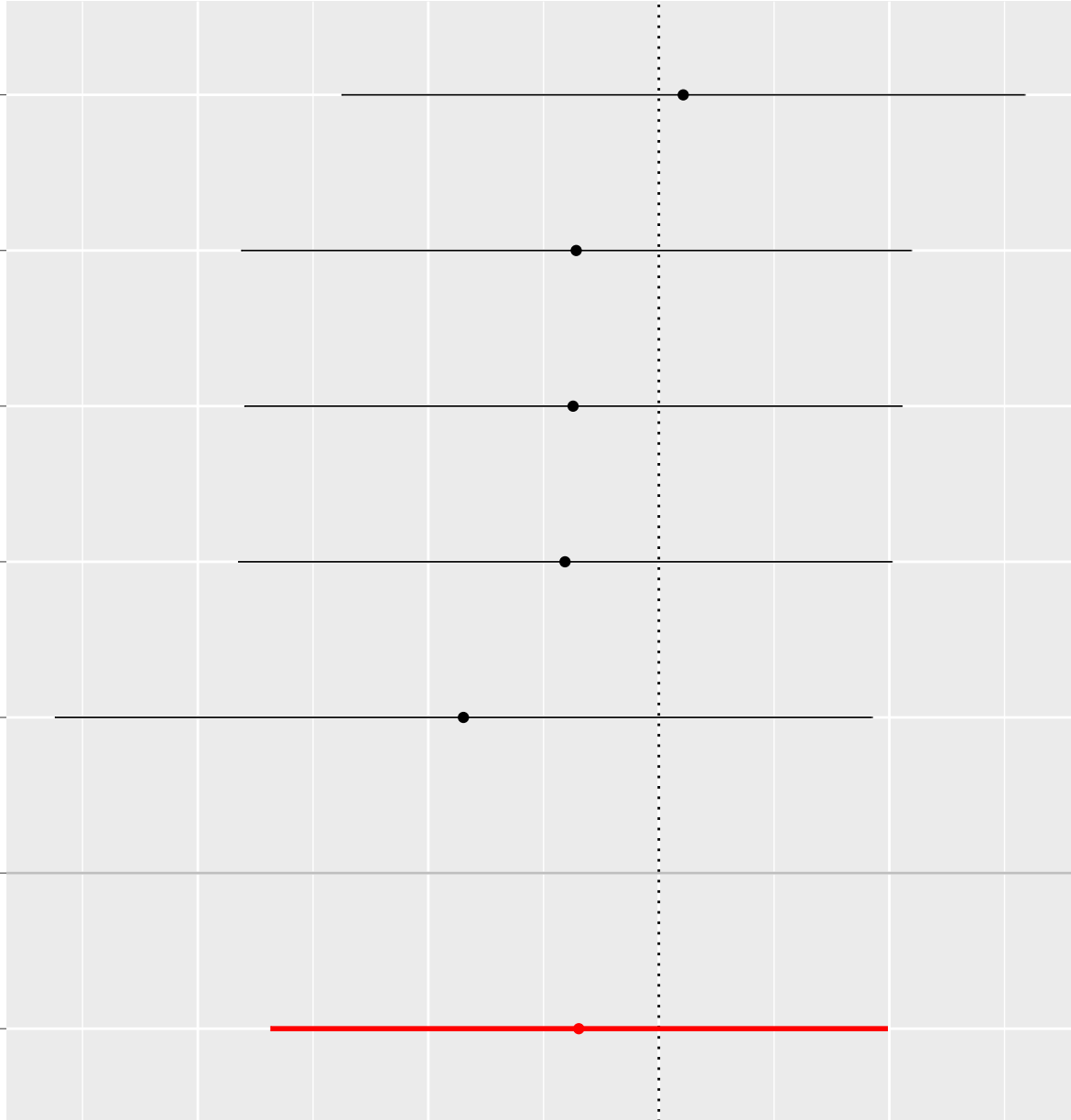
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-09789 || id:510'





rs693839

rs6857

rs6728726

rs9906944

rs1558902

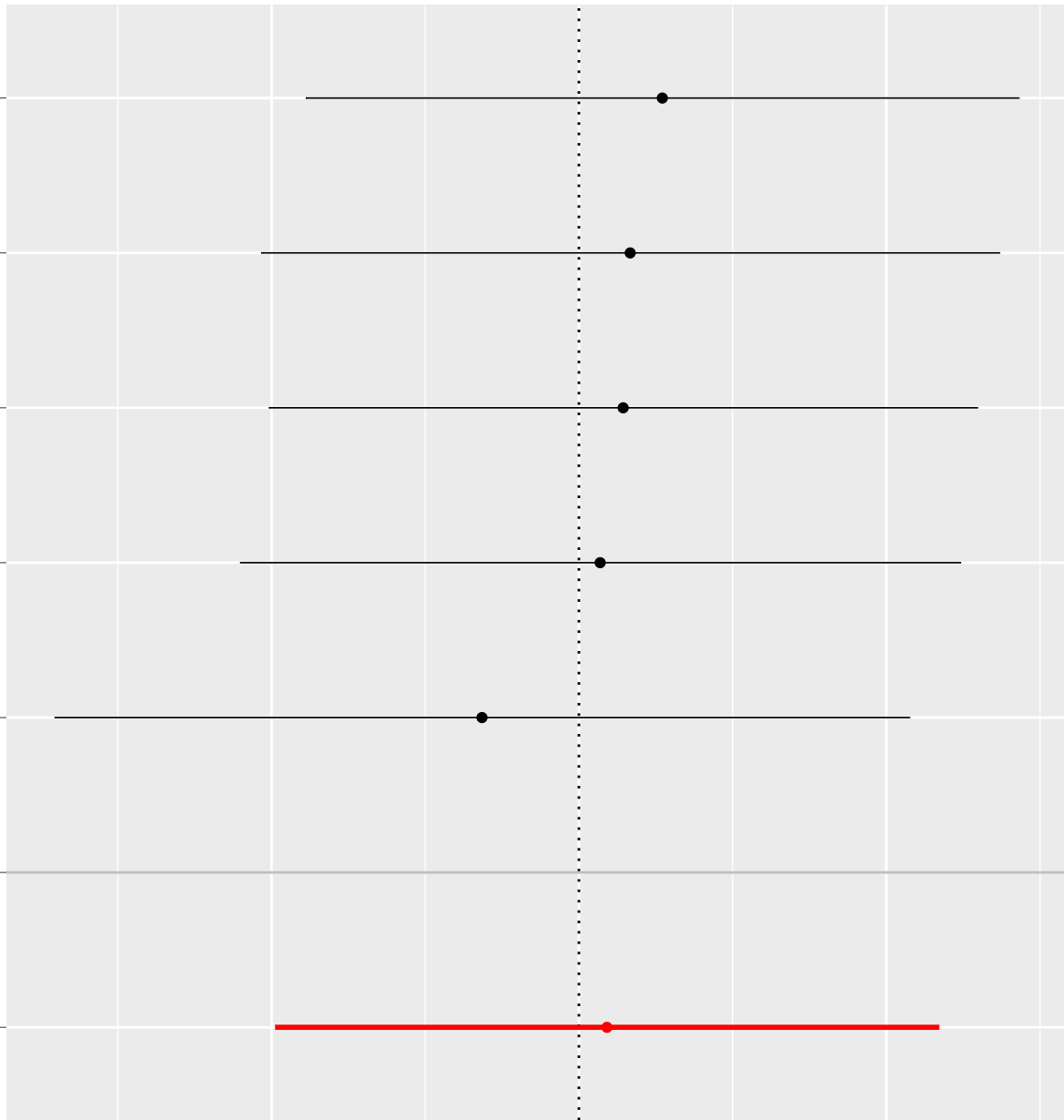
All

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11437 || id:511'



rs6857

rs693839

rs6728726

rs9906944

rs1558902

All

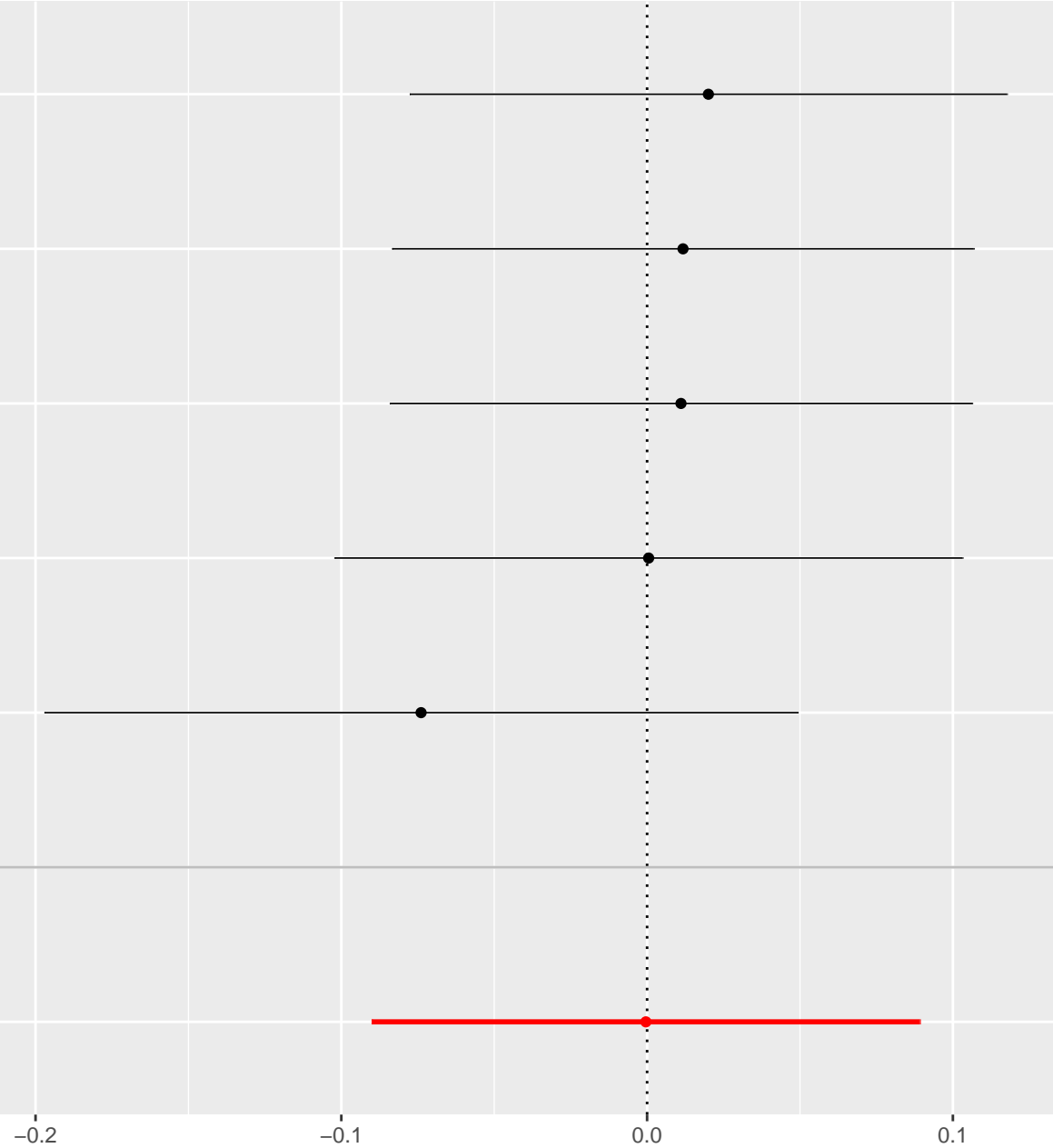
-0.2

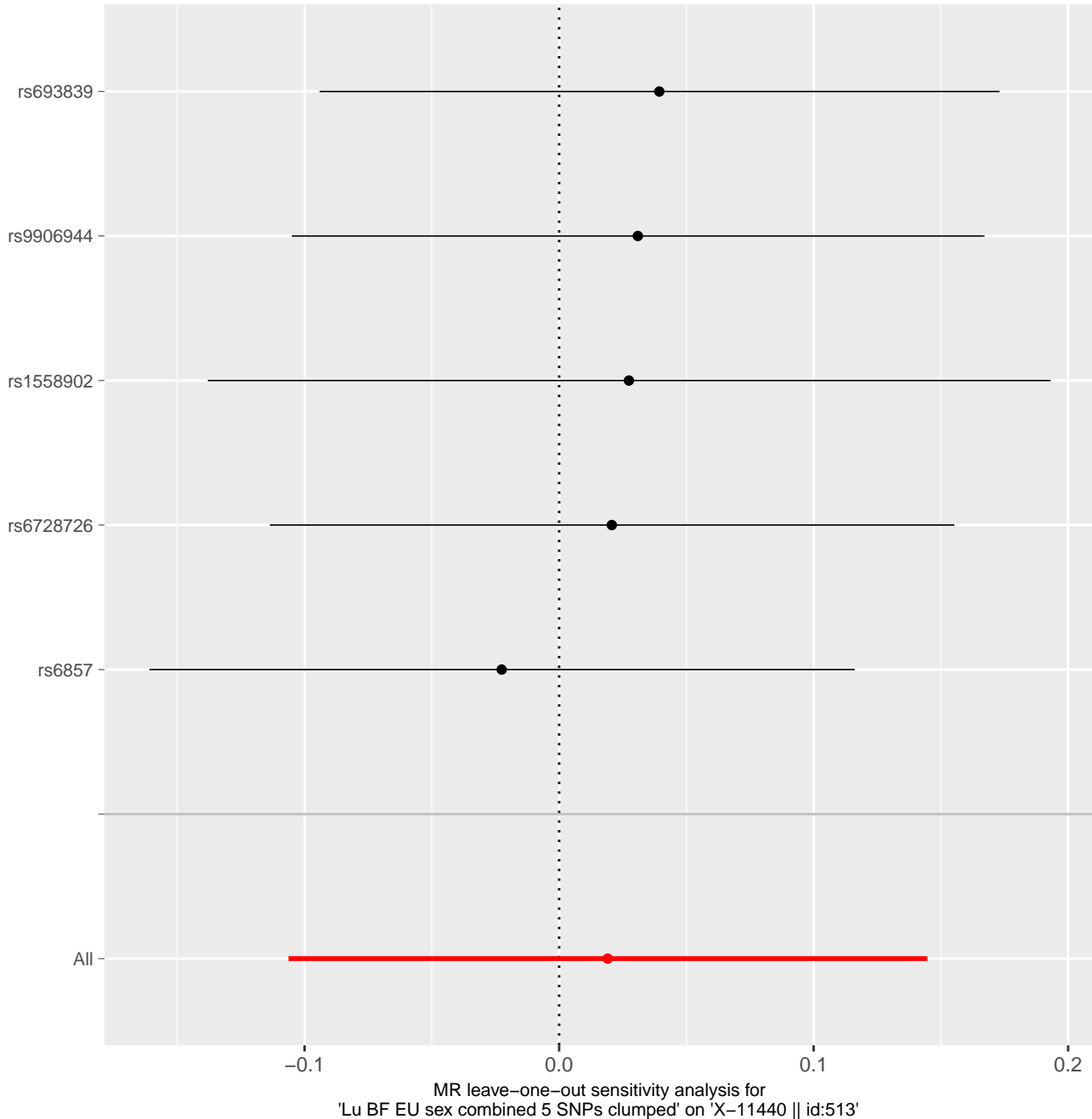
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11438 || id:512'





rs6857

rs1558902

rs9906944

rs693839

rs6728726

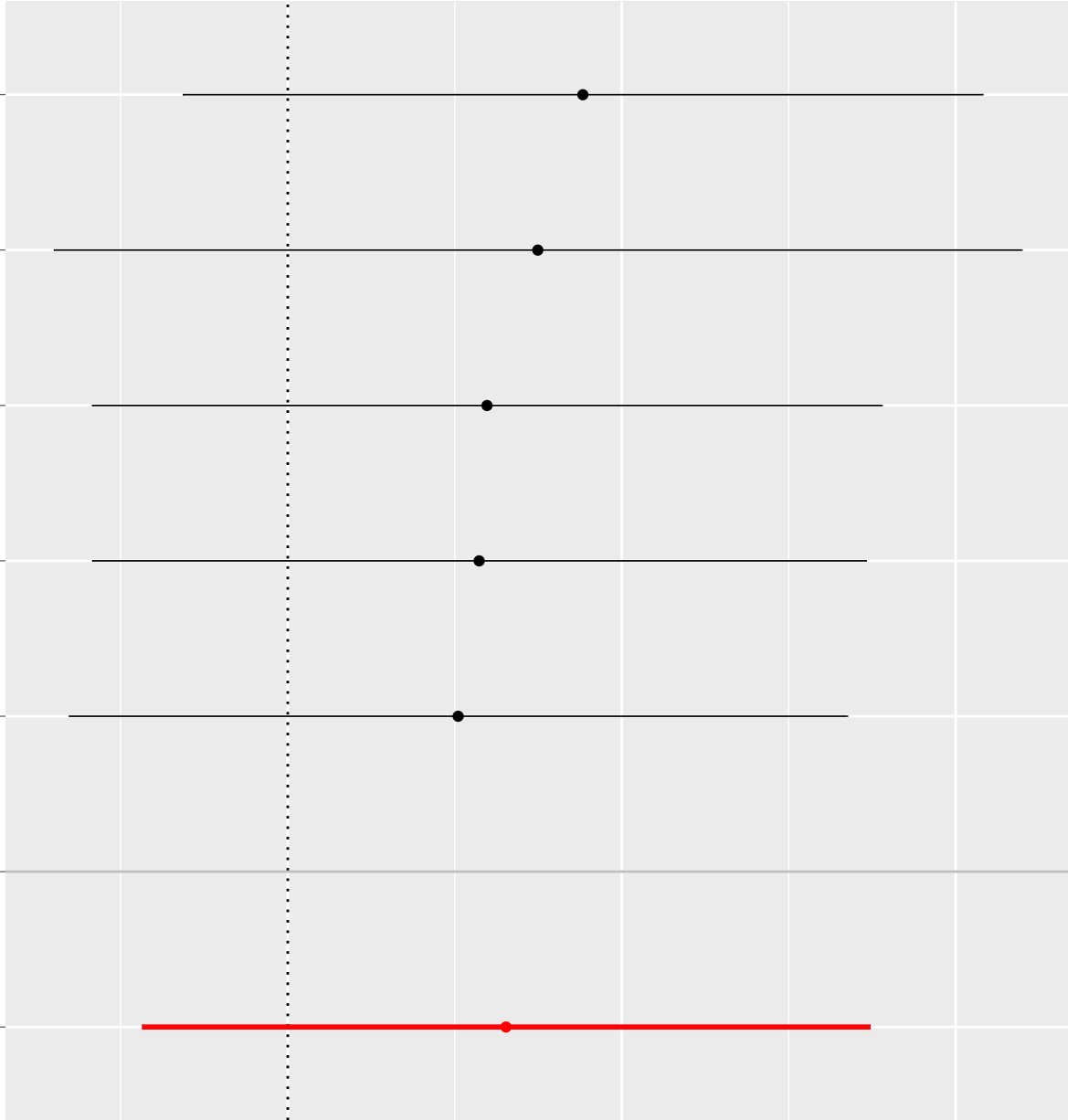
All

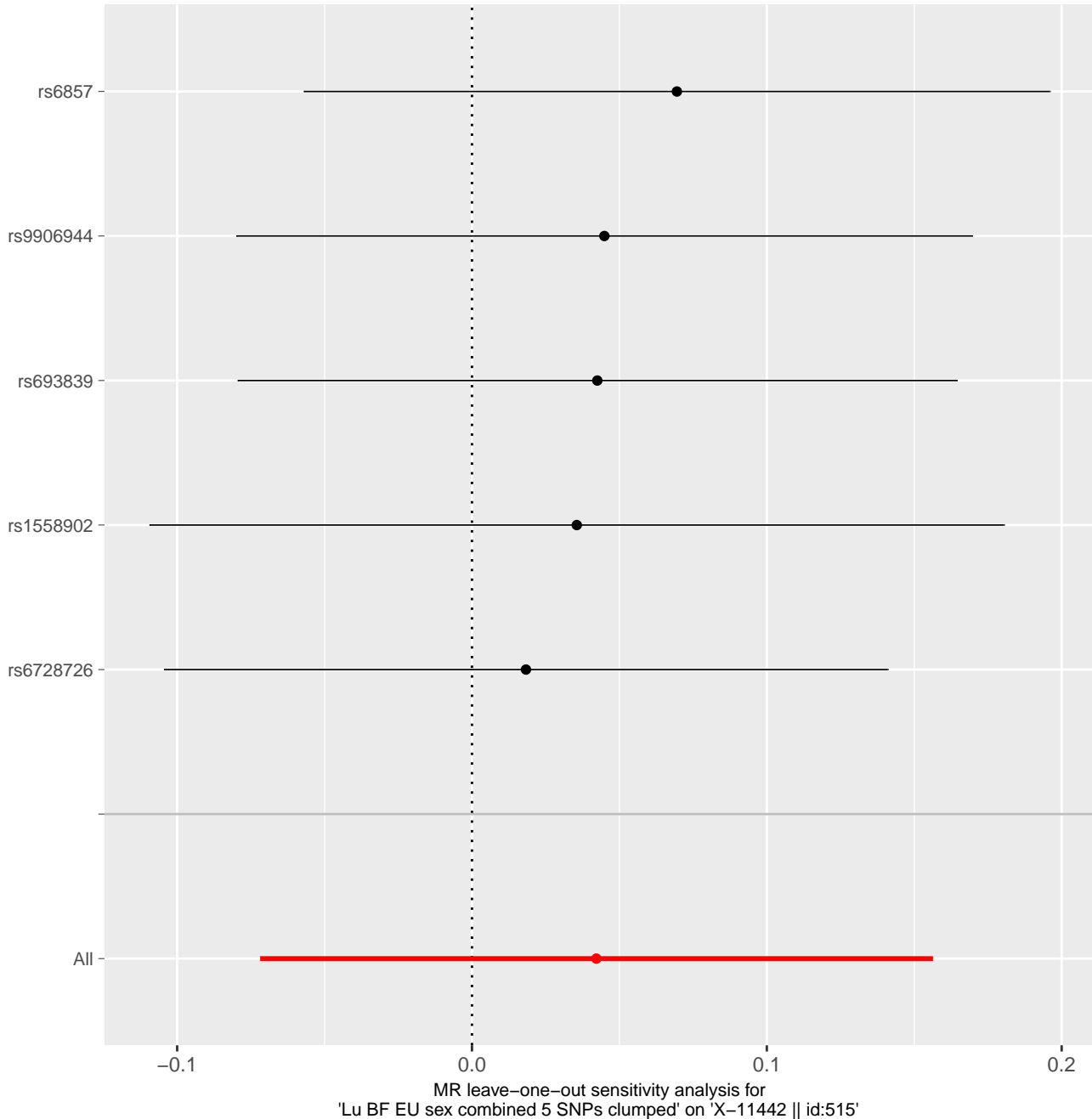
0.0

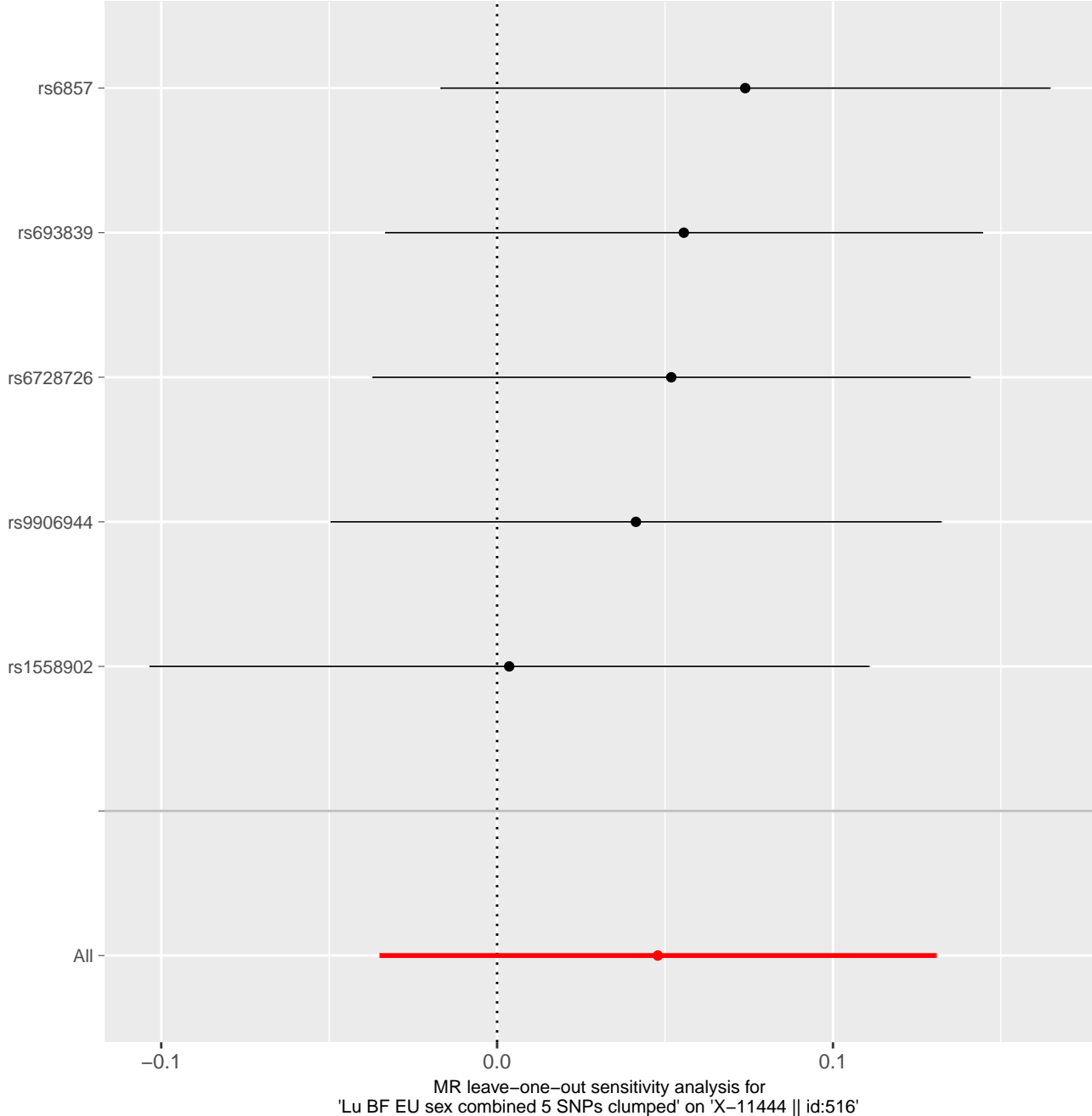
0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11441 || id:514'







rs9906944

rs6728726

rs6857

rs693839

rs1558902

All

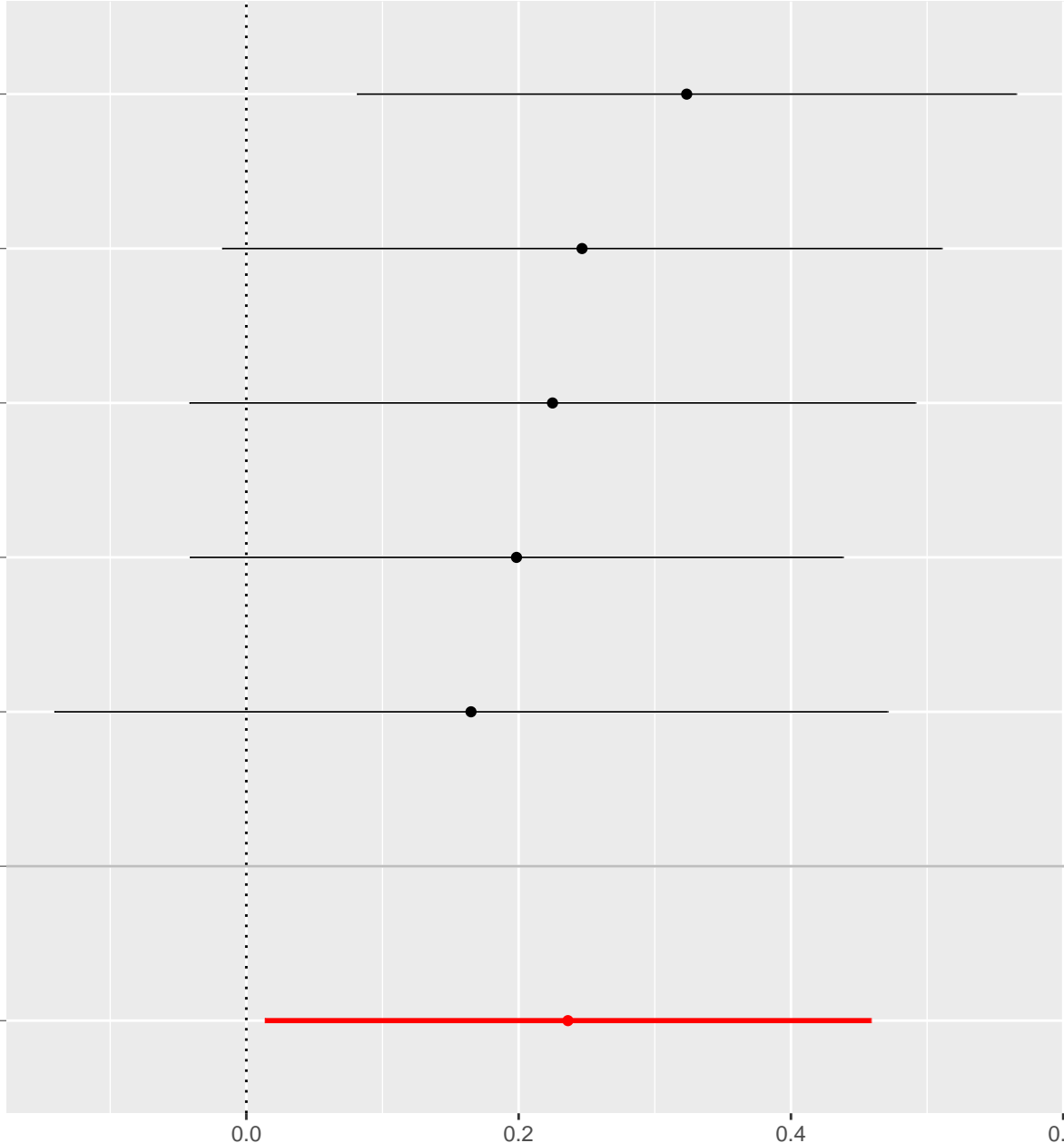
0.0

0.2

0.4

0.6

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



rs6728726

rs6857

rs9906944

rs693839

rs1558902

All

-0.4

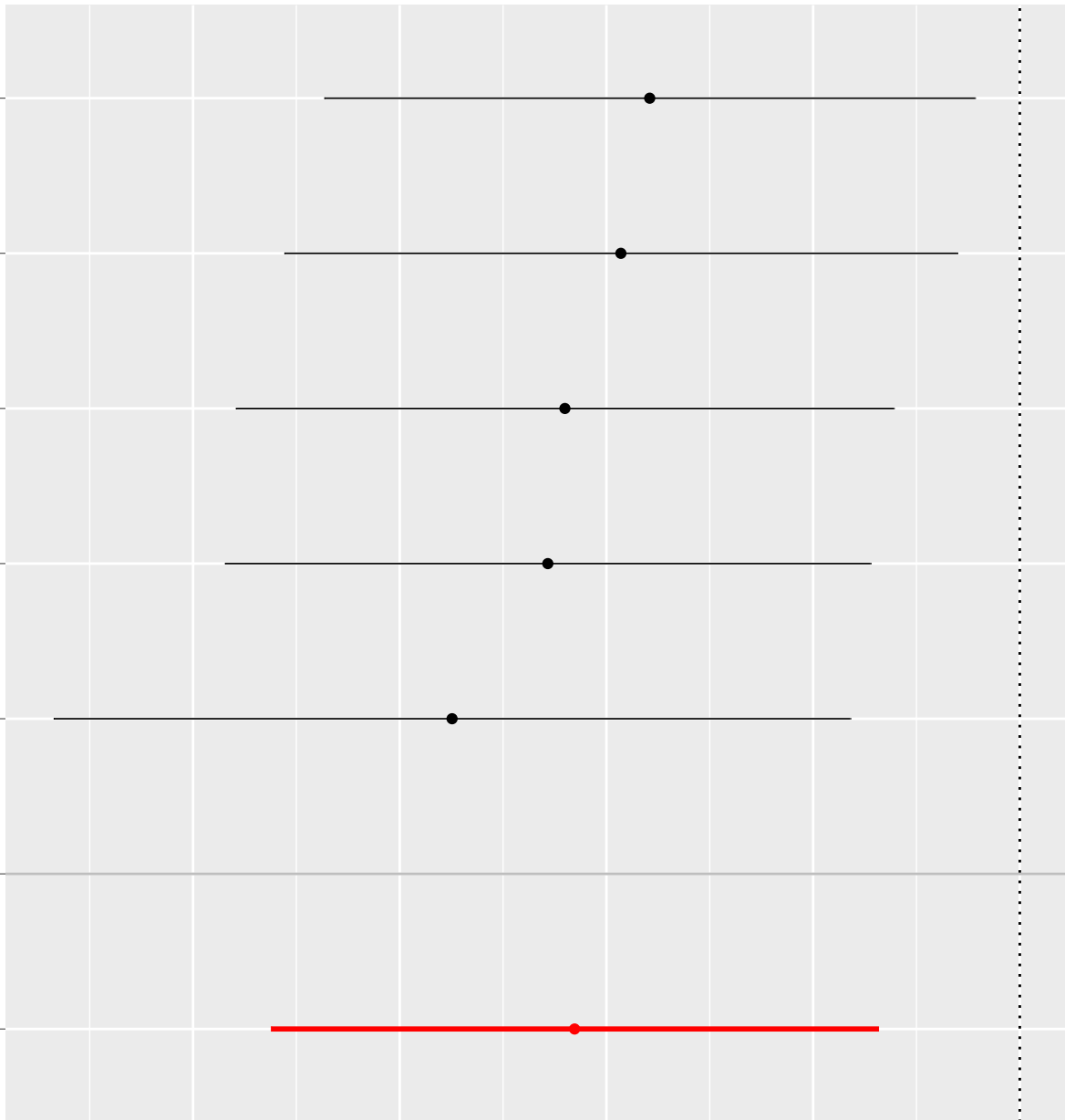
-0.3

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11452 || id:518'





rs1558902

rs6857

rs6728726

rs9906944

rs693839

All

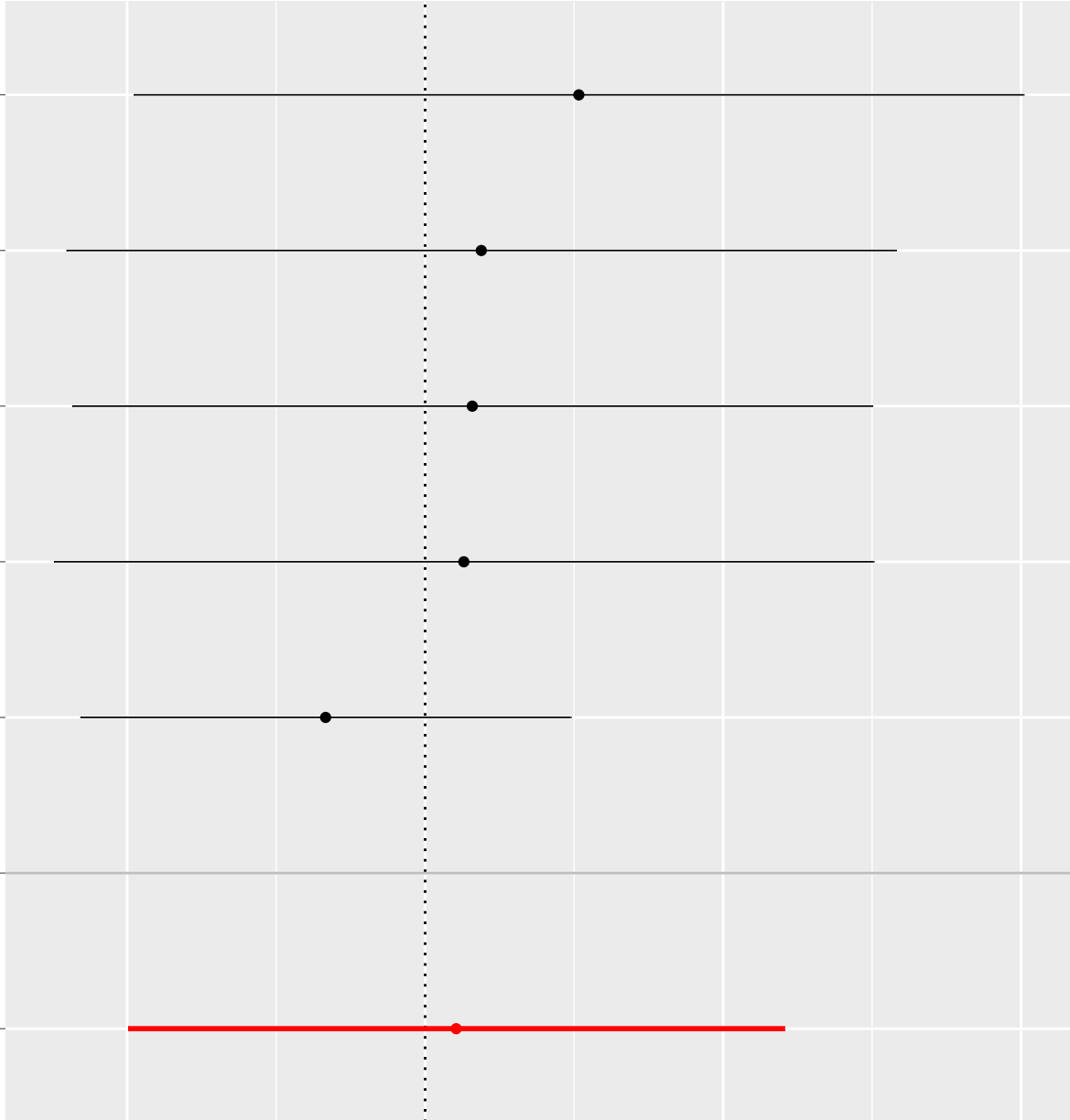
-0.2

0.0

0.2

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11469 || id:519'



rs6857

rs693839

rs6728726

rs9906944

rs1558902

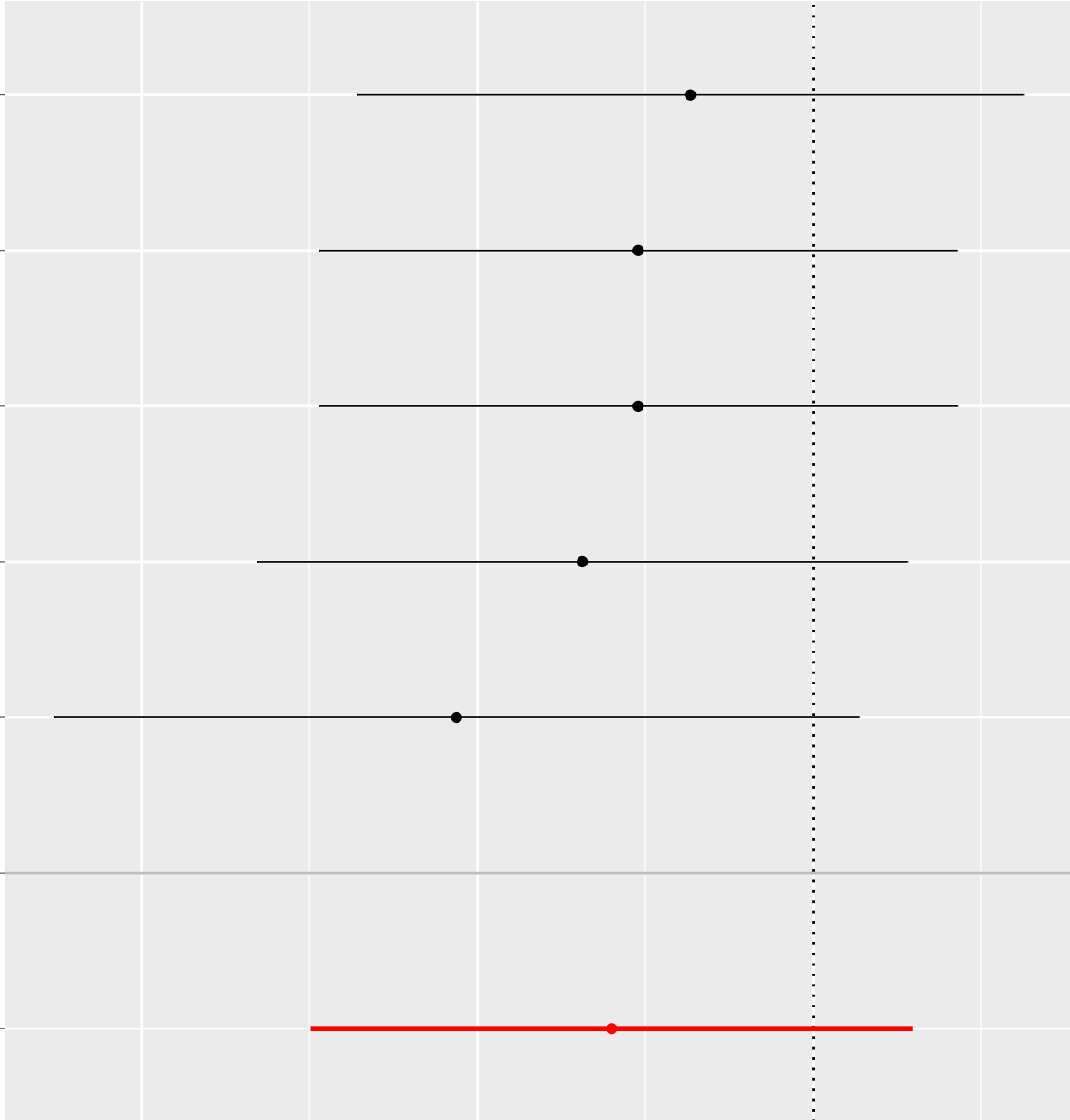
All

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11470 || id:520'



rs9906944

rs6857

rs693839

rs6728726

rs1558902

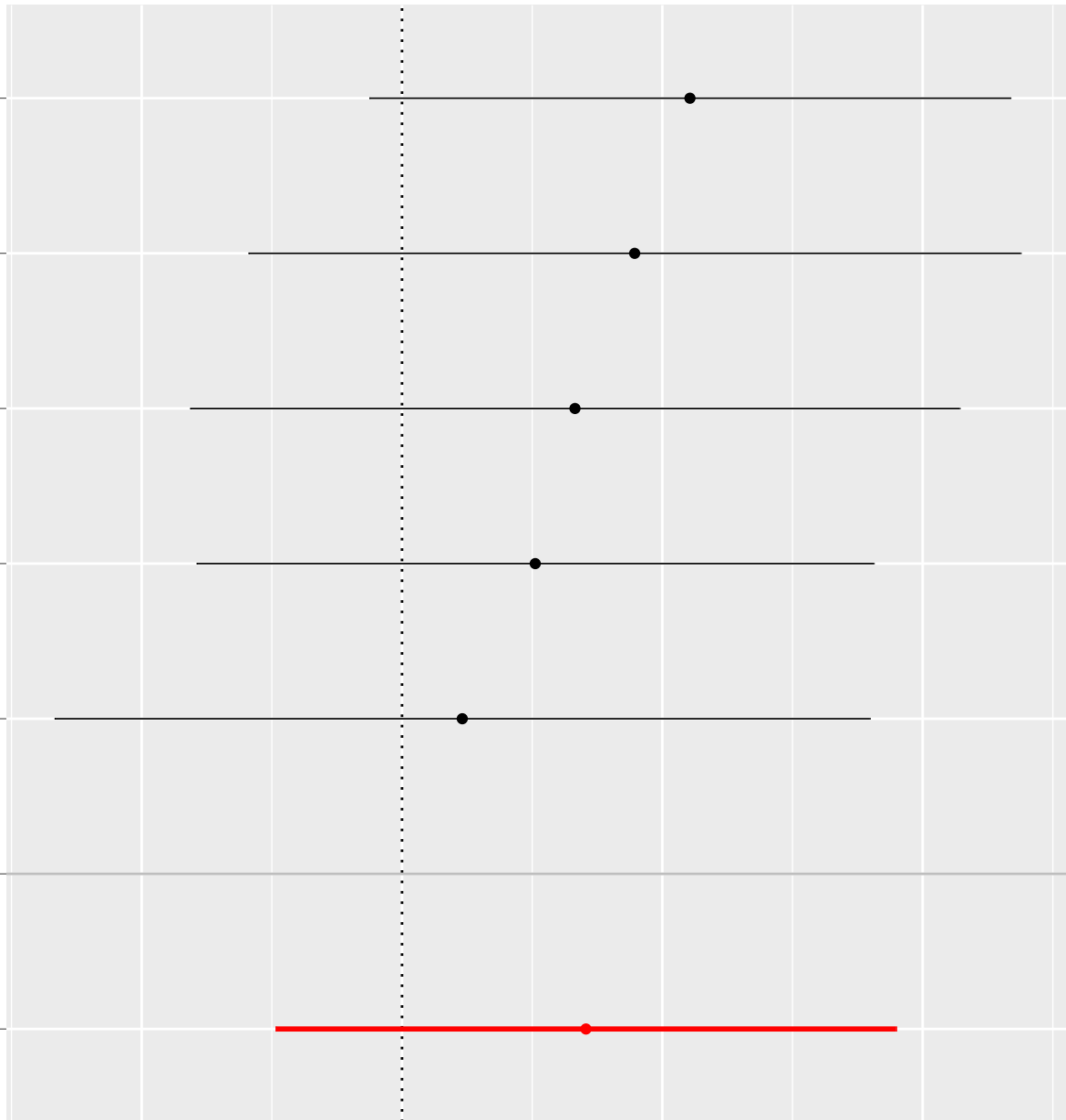
All

-0.1

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11478 || id:521'



rs6728726

rs693839

rs1558902

rs9906944

rs6857

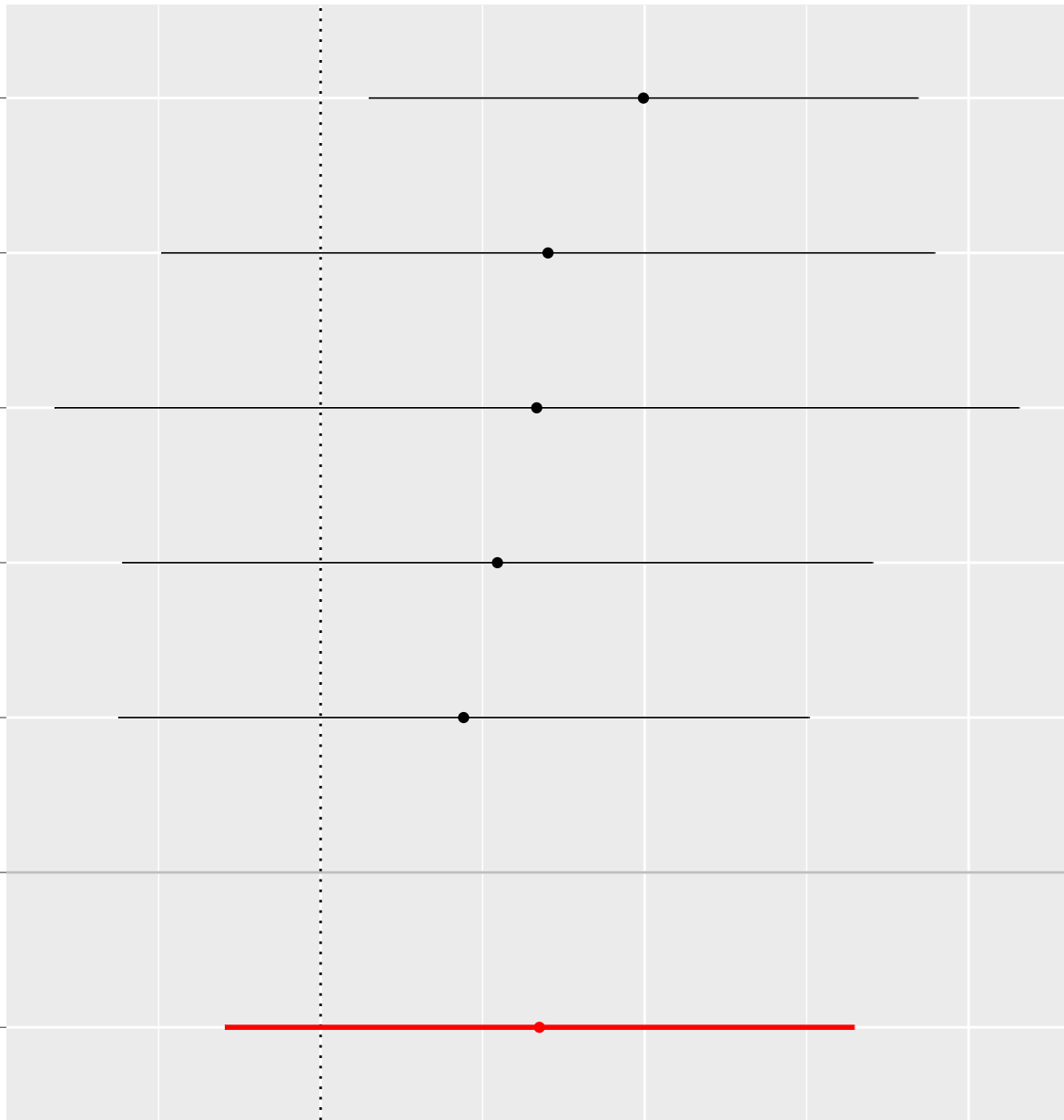
All

0.0

0.2

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11483 || id:522'



rs1558902

rs693839

rs6857

rs6728726

rs9906944

All

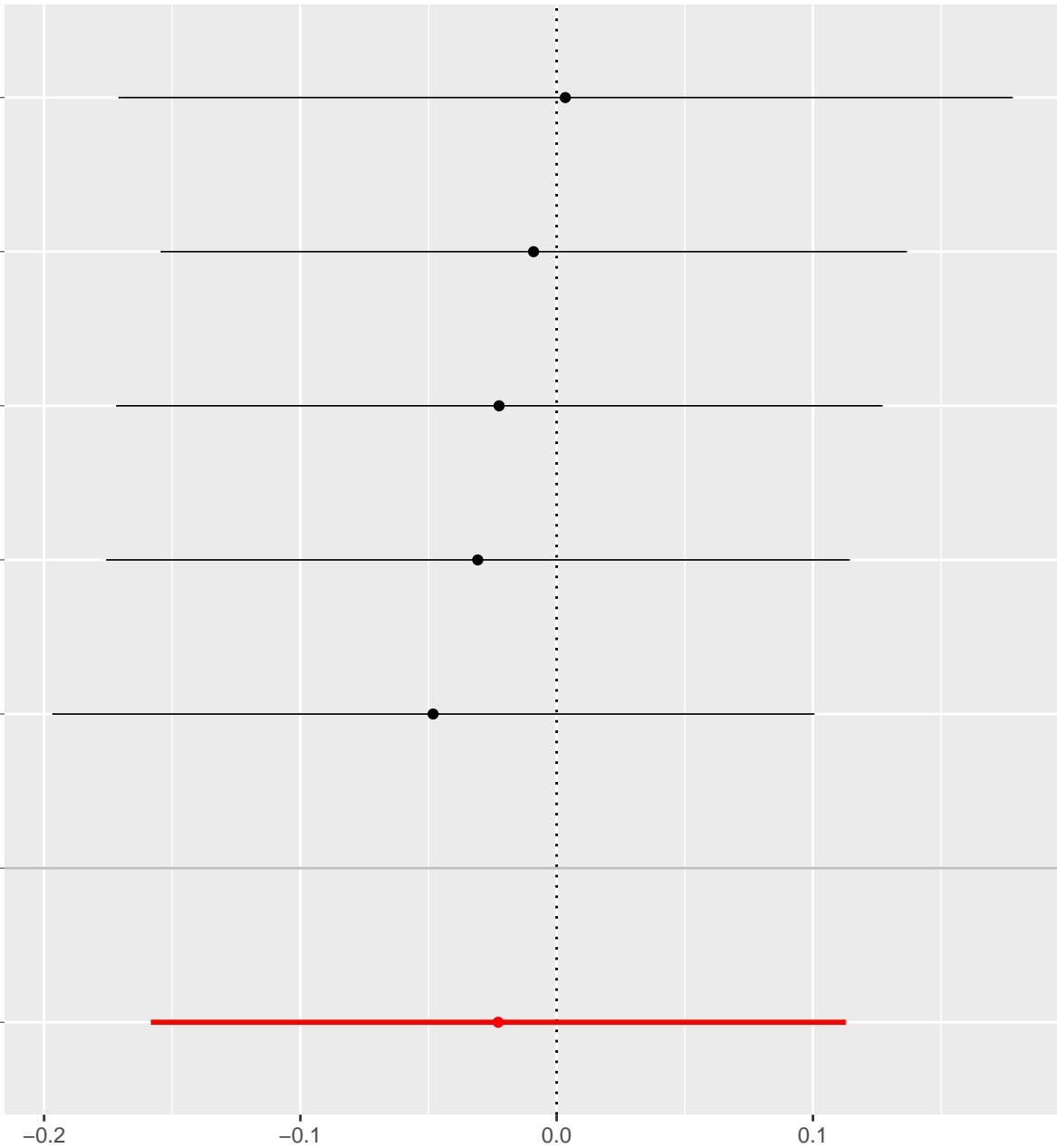
-0.2

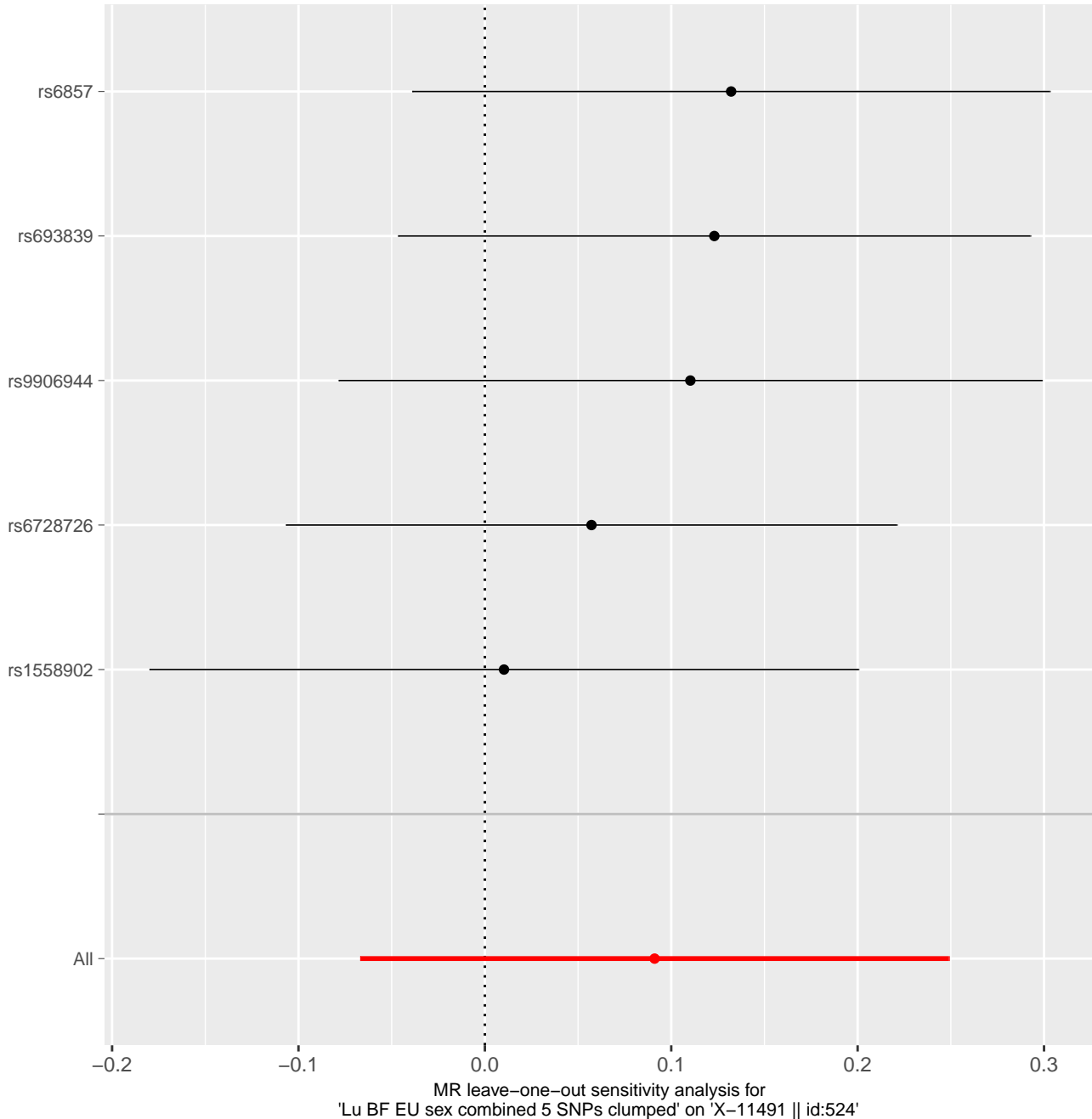
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11485 || id:523'





rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

-0.15

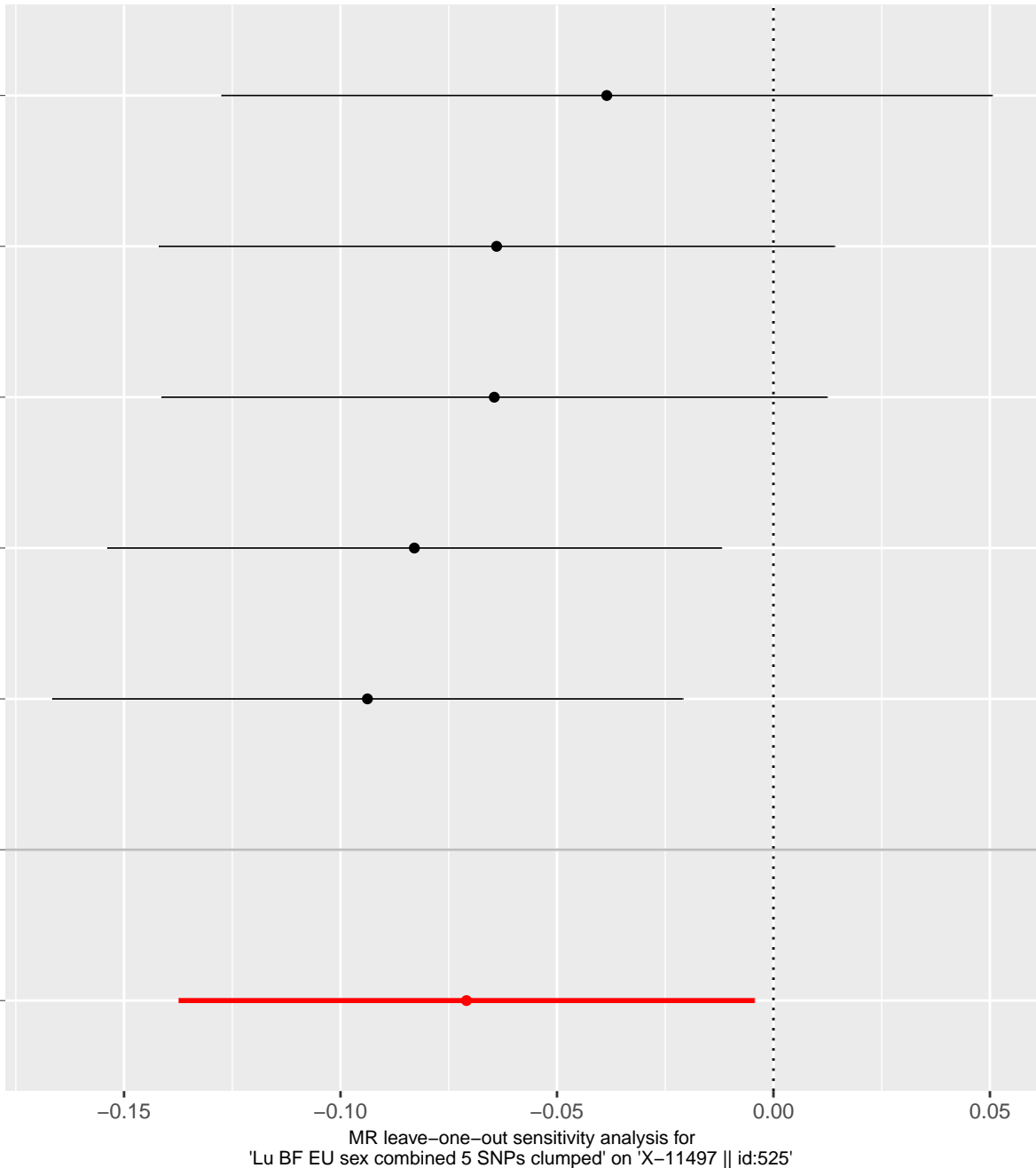
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11497 || id:525'



rs6728726

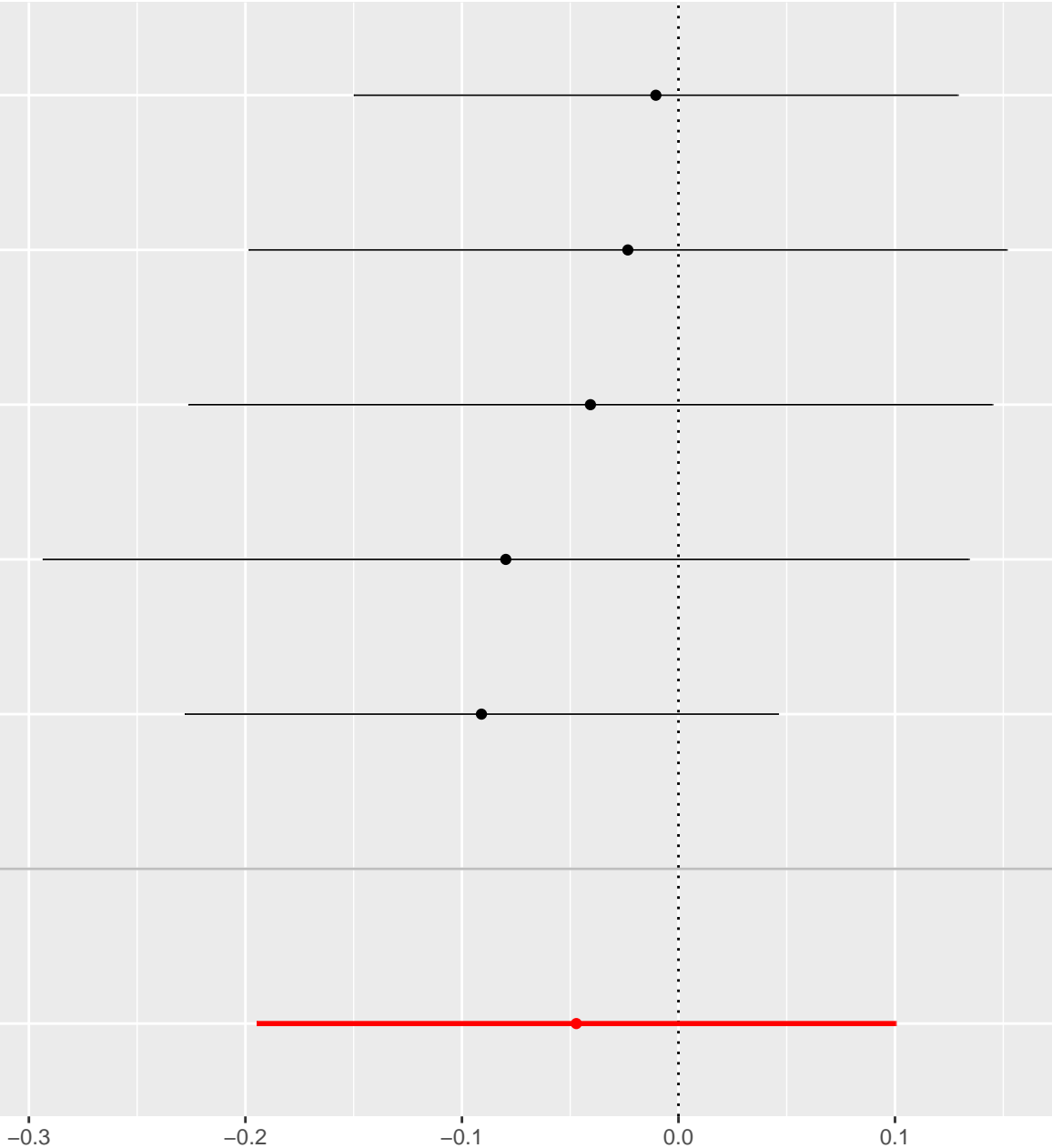
rs6857

rs9906944

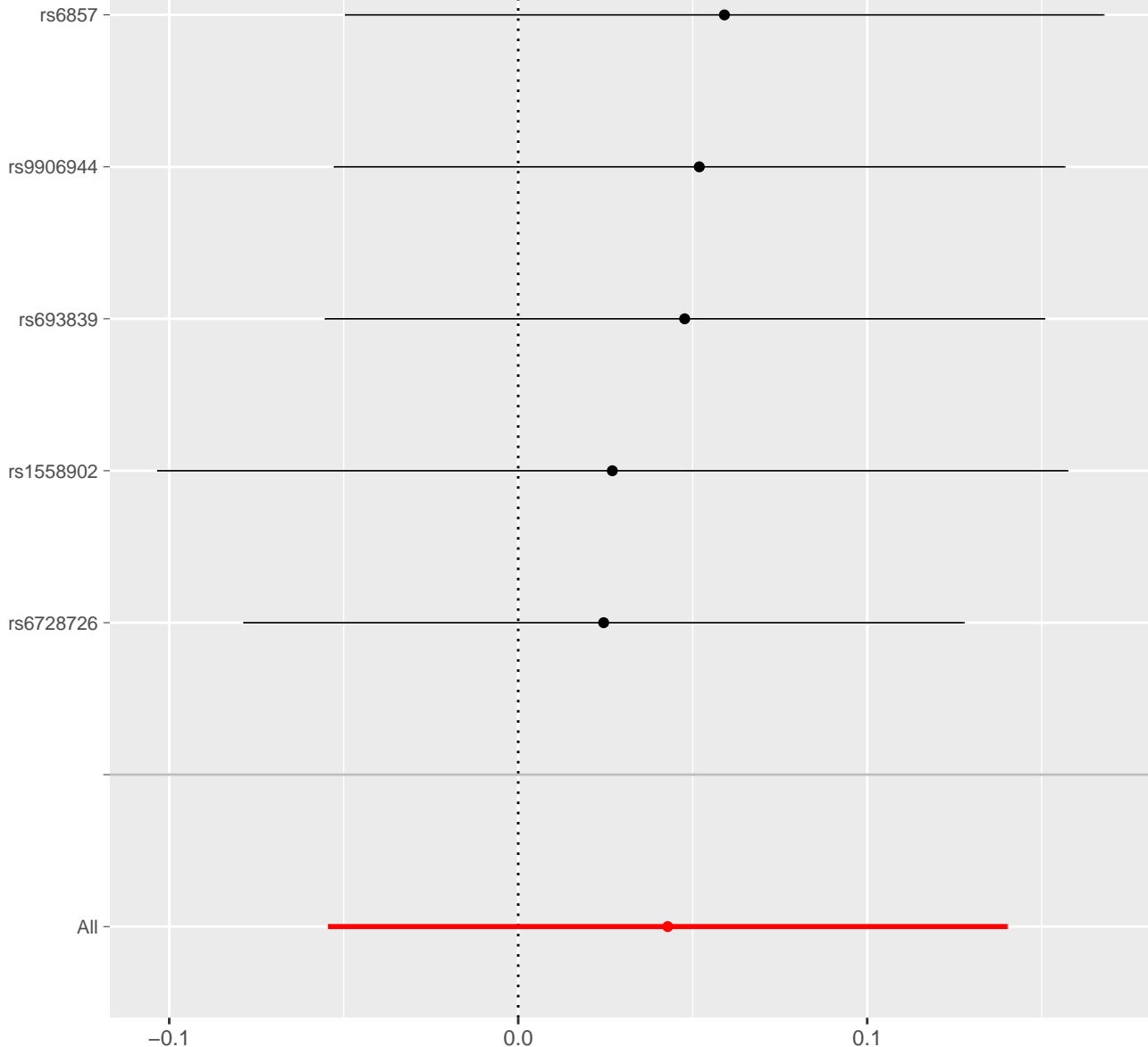
rs1558902

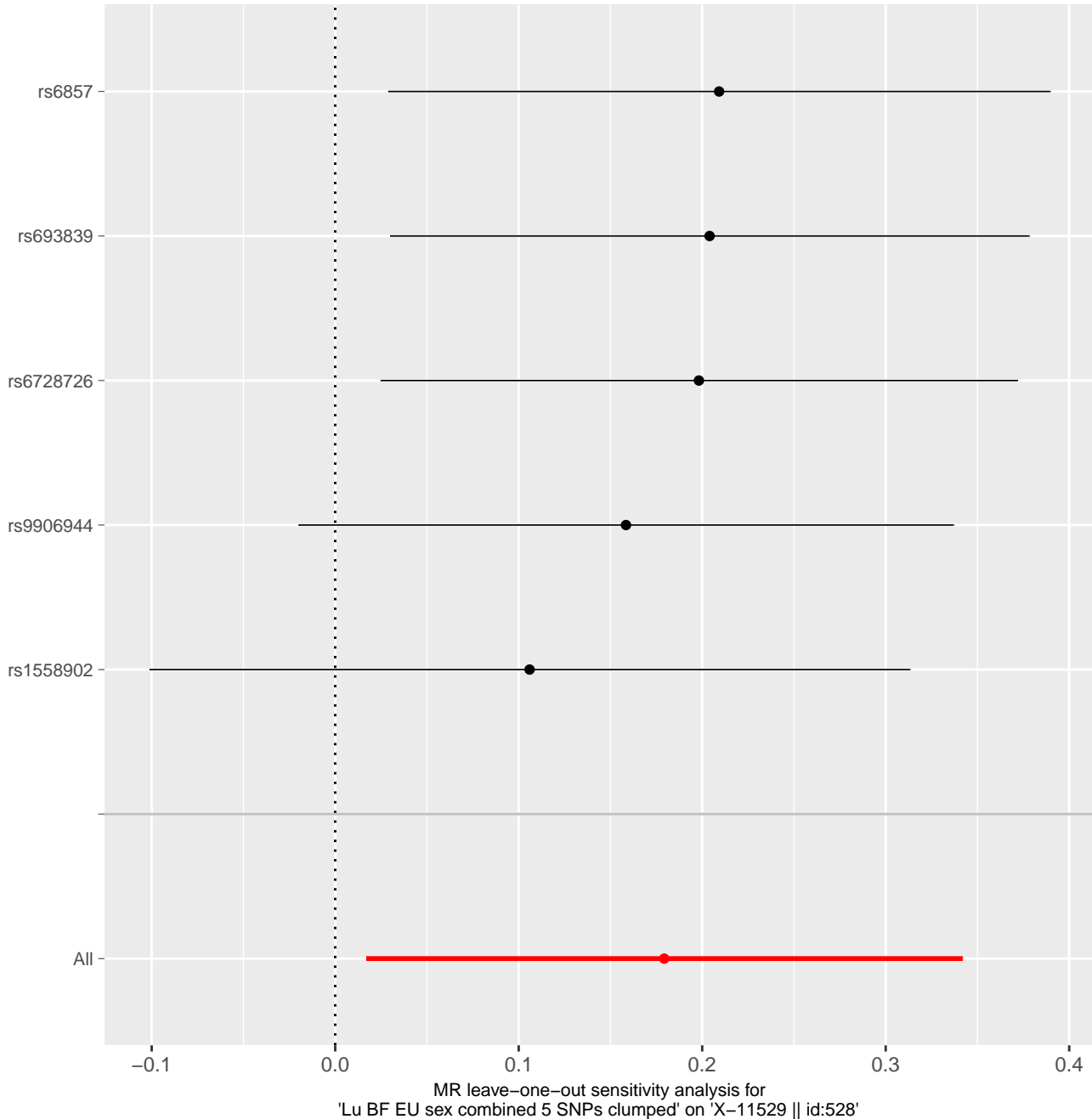
rs693839

All









rs9906944

rs6857

rs1558902

rs693839

rs6728726

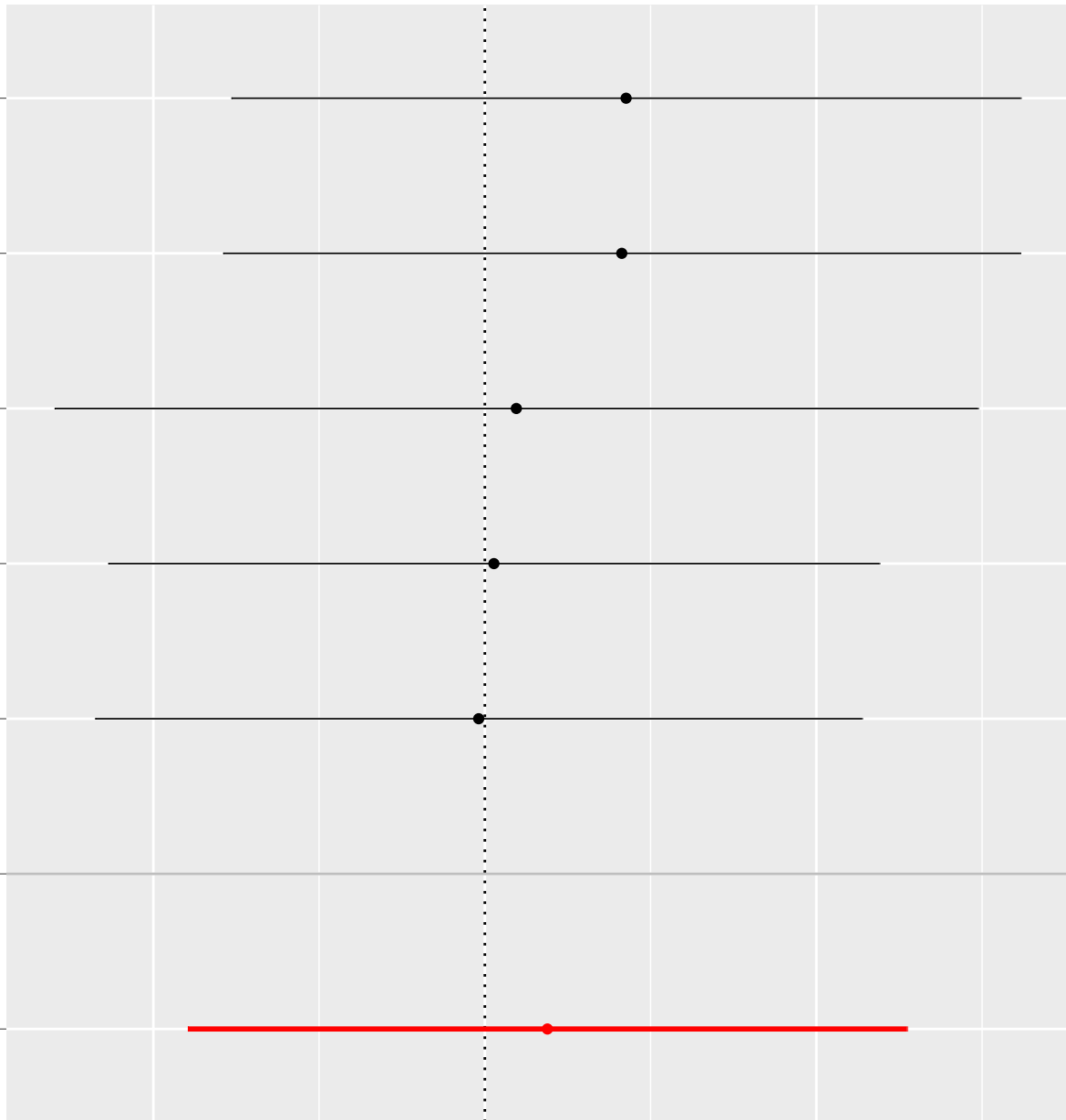
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11530 || id:529'



rs1558902

rs9906944

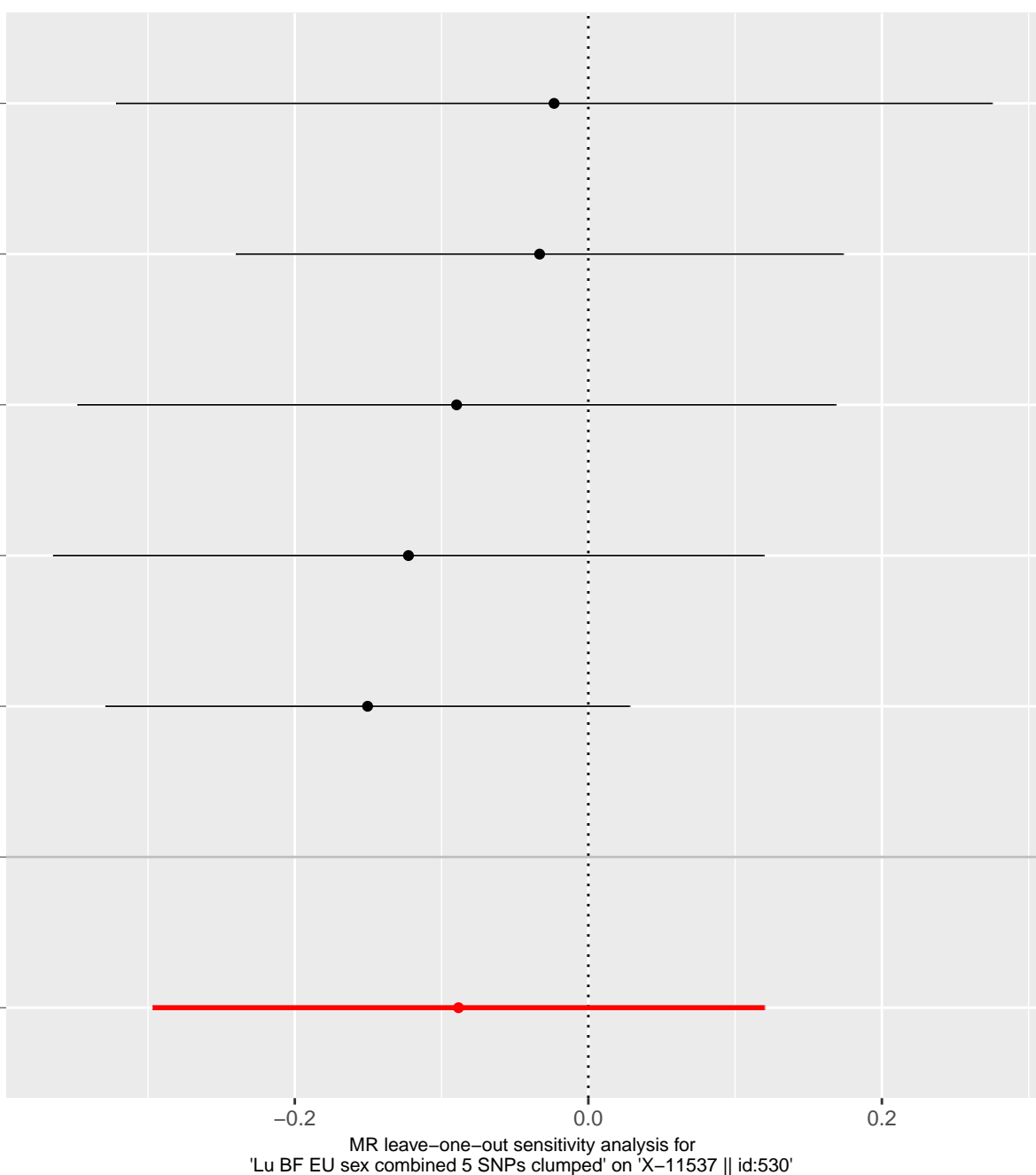
rs693839

rs6857

rs6728726

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11537 || id:530'



rs6857

rs1558902

rs6728726

rs693839

rs9906944

All

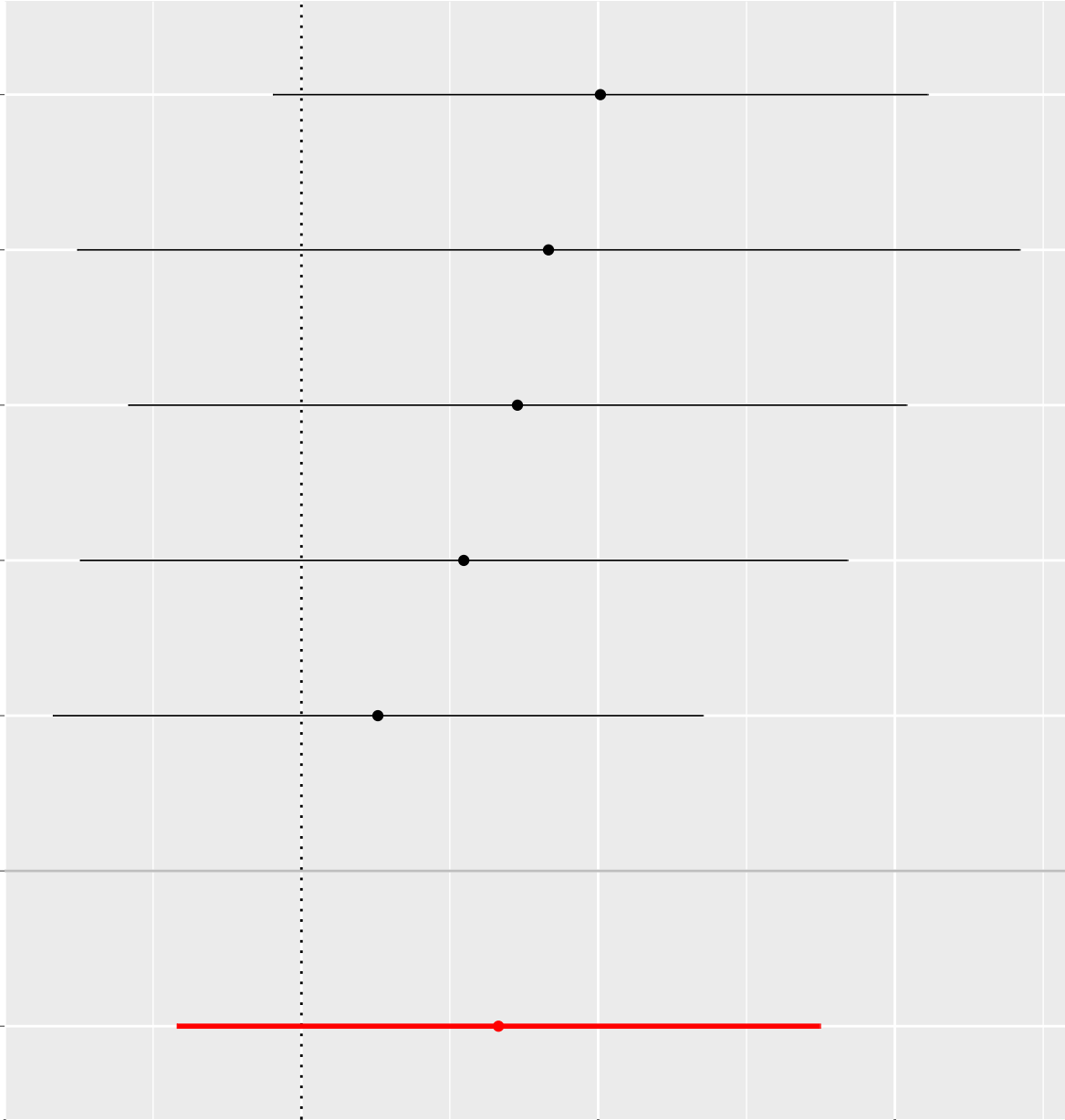
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11538 || id:531'



rs1558902

rs9906944

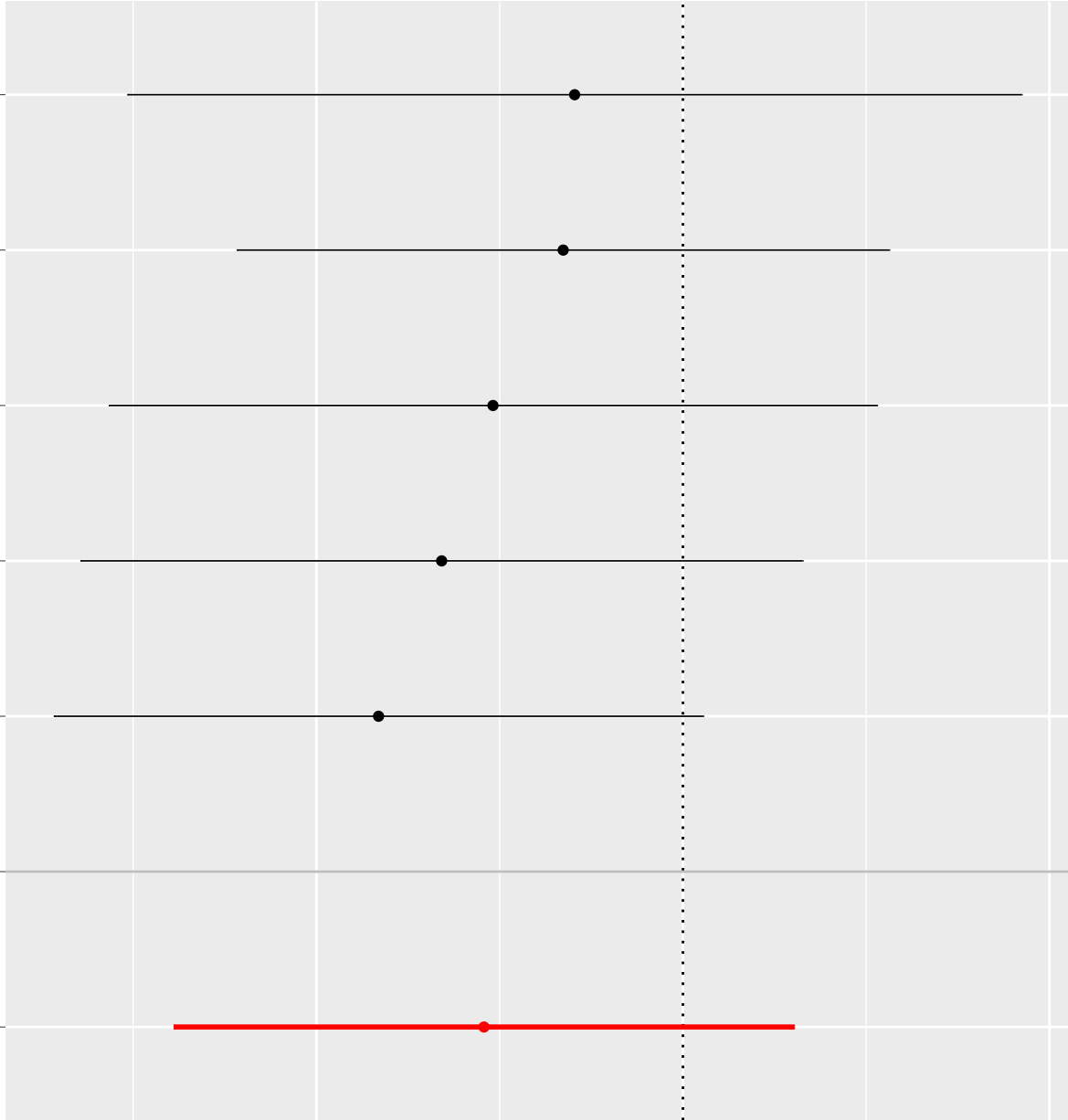
rs693839

rs6728726

rs6857

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11540 || id:532'



rs1558902

rs693839

rs9906944

rs6857

rs6728726

All

0.0

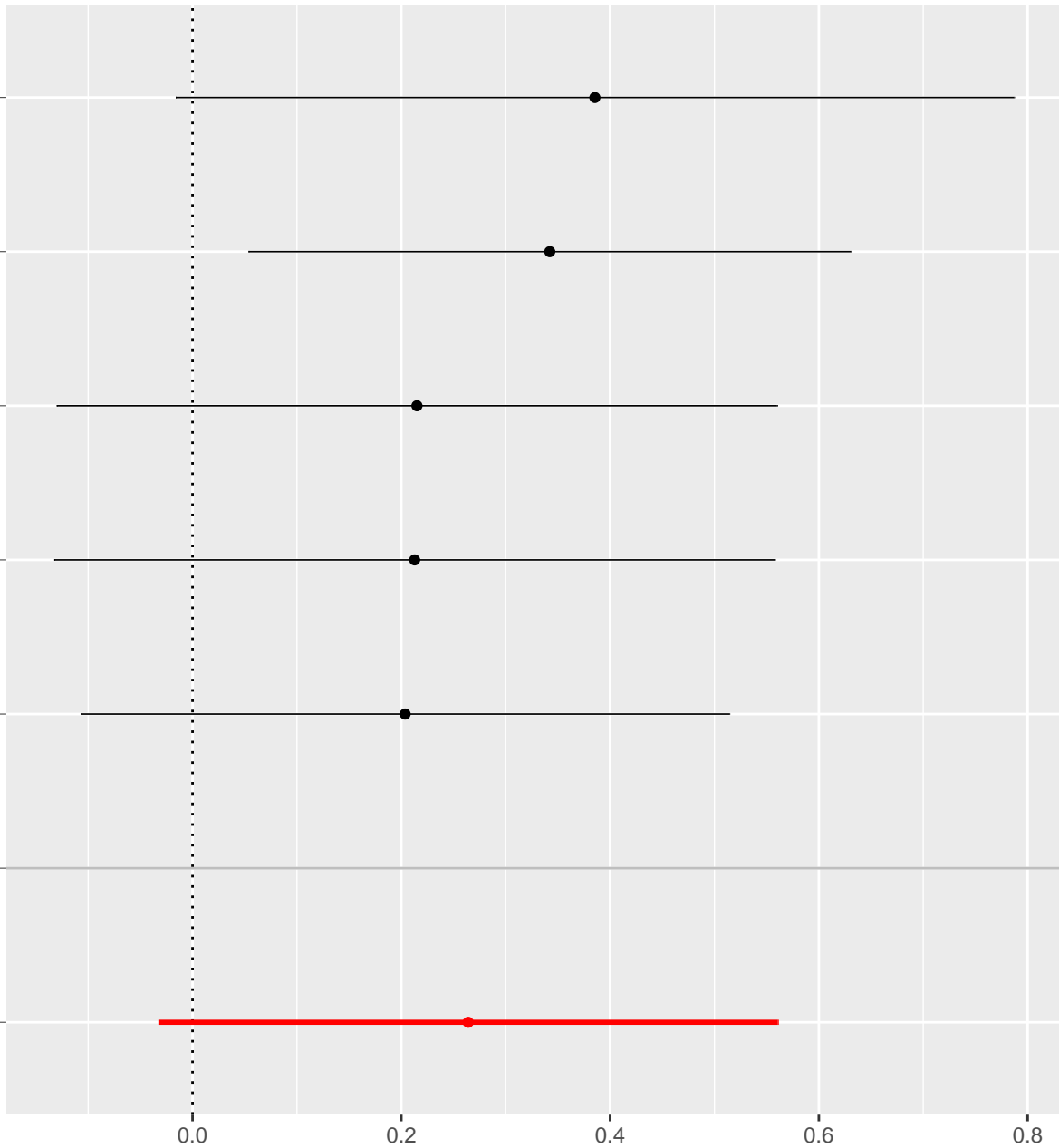
0.2

0.4

0.6

0.8

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11546 || id:533'



rs1558902

rs9906944

rs6857

rs6728726

rs693839

All

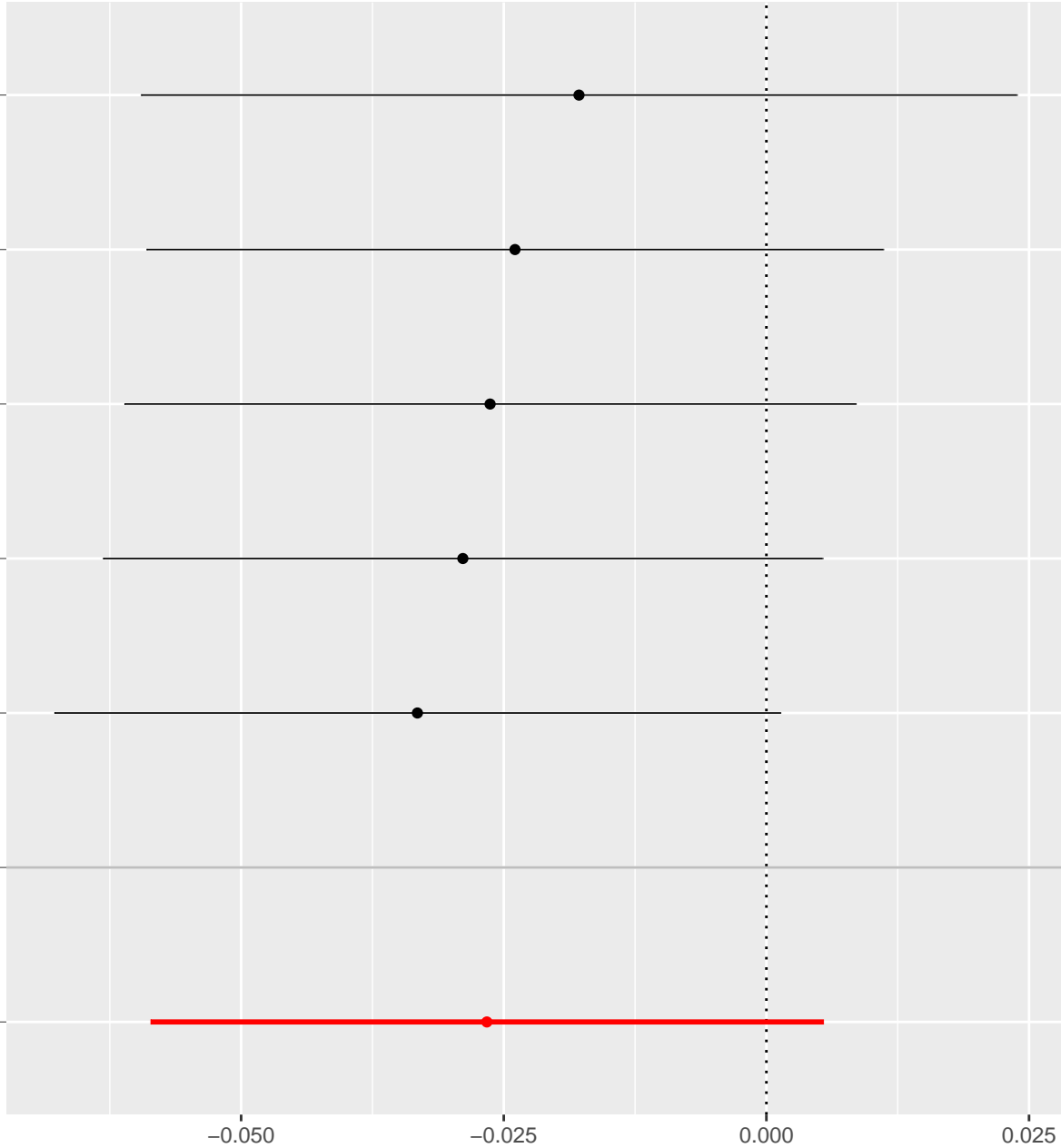
-0.050

-0.025

0.000

0.025

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11550 || id:534'





rs9906944

rs1558902

rs6857

rs693839

rs6728726

All

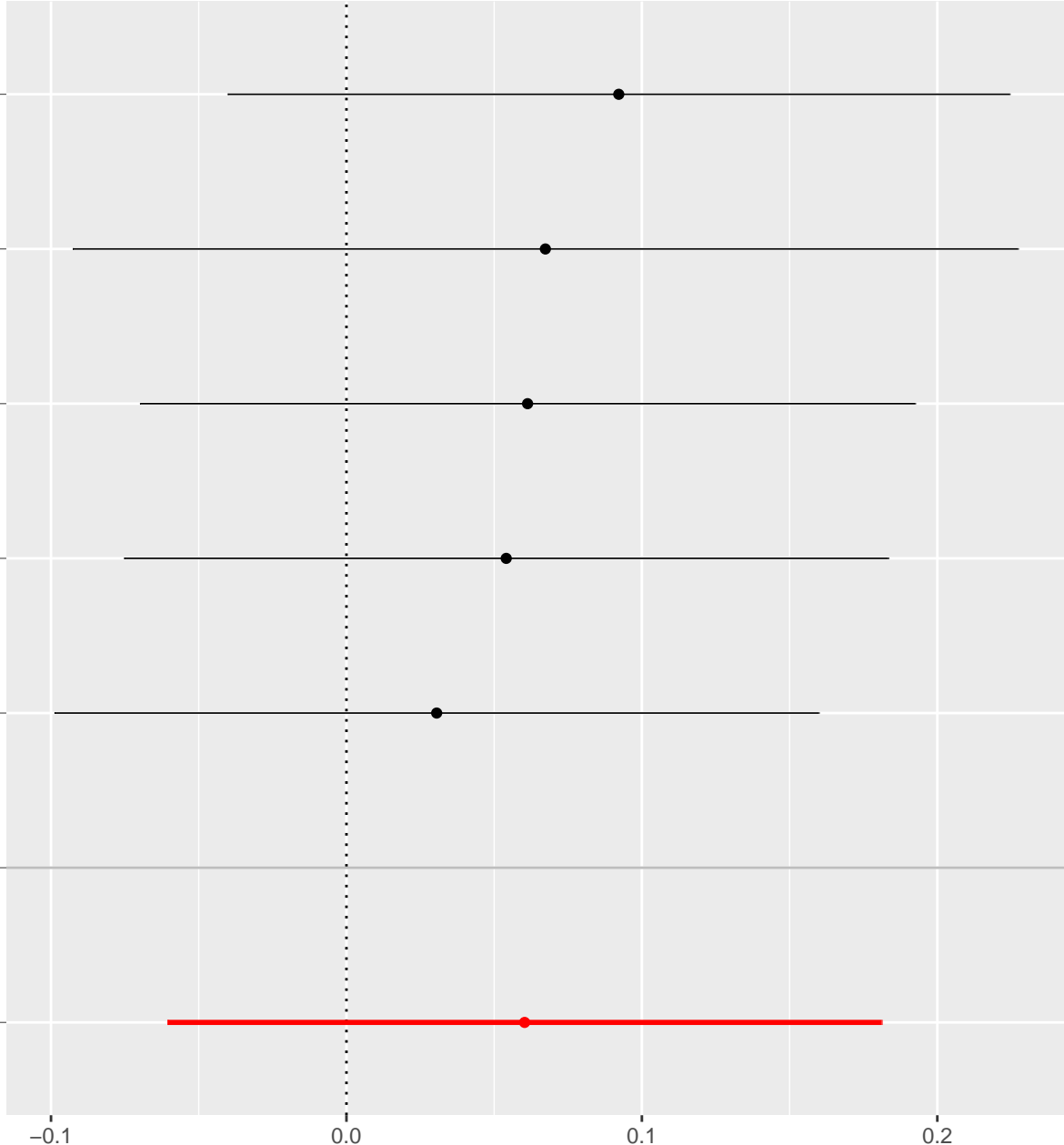
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11552 || id:535'



rs1558902

rs6728726

rs6857

rs9906944

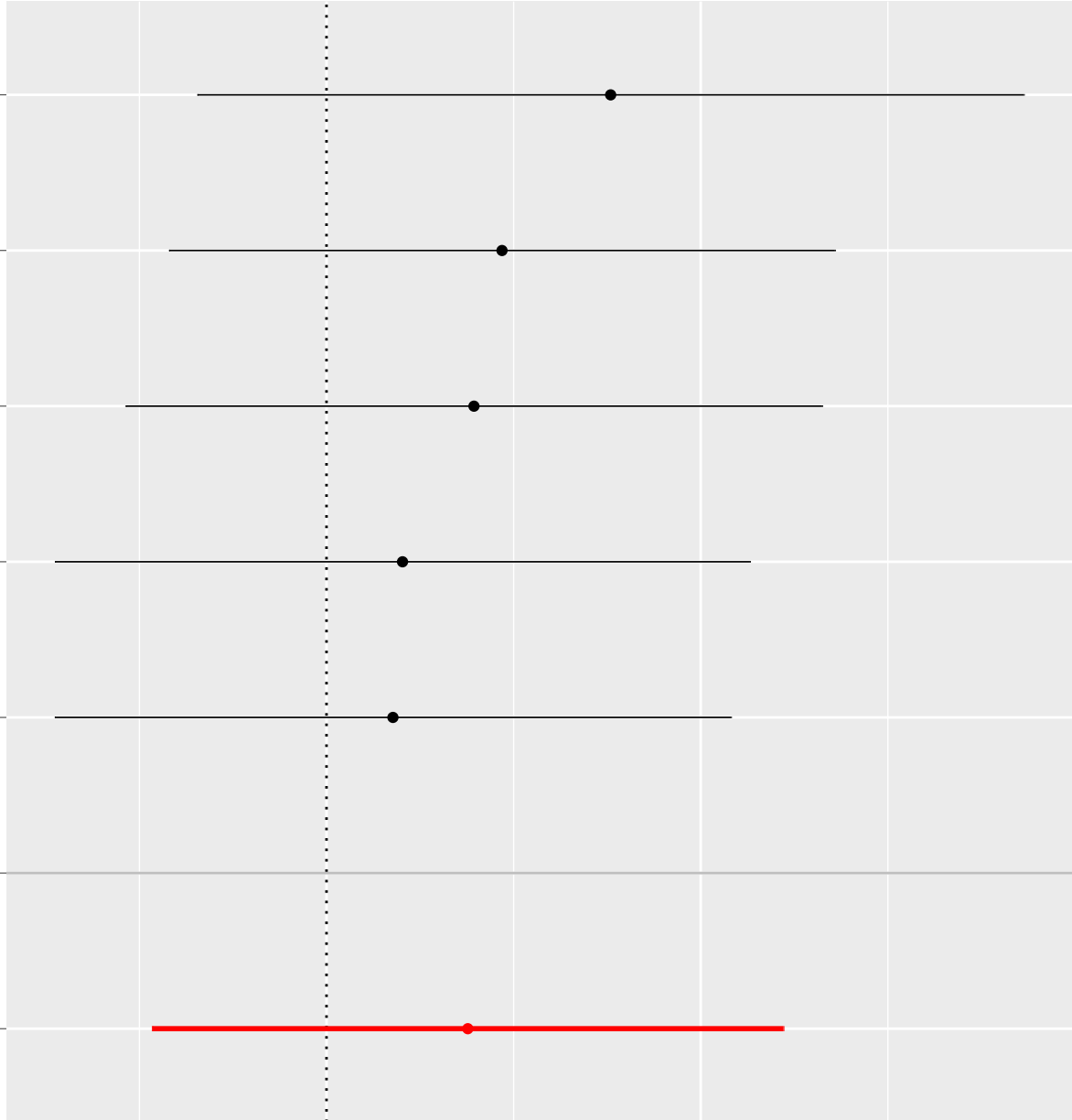
rs693839

All

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11593--O-methylascorbate\* || id:536'



rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

-0.05

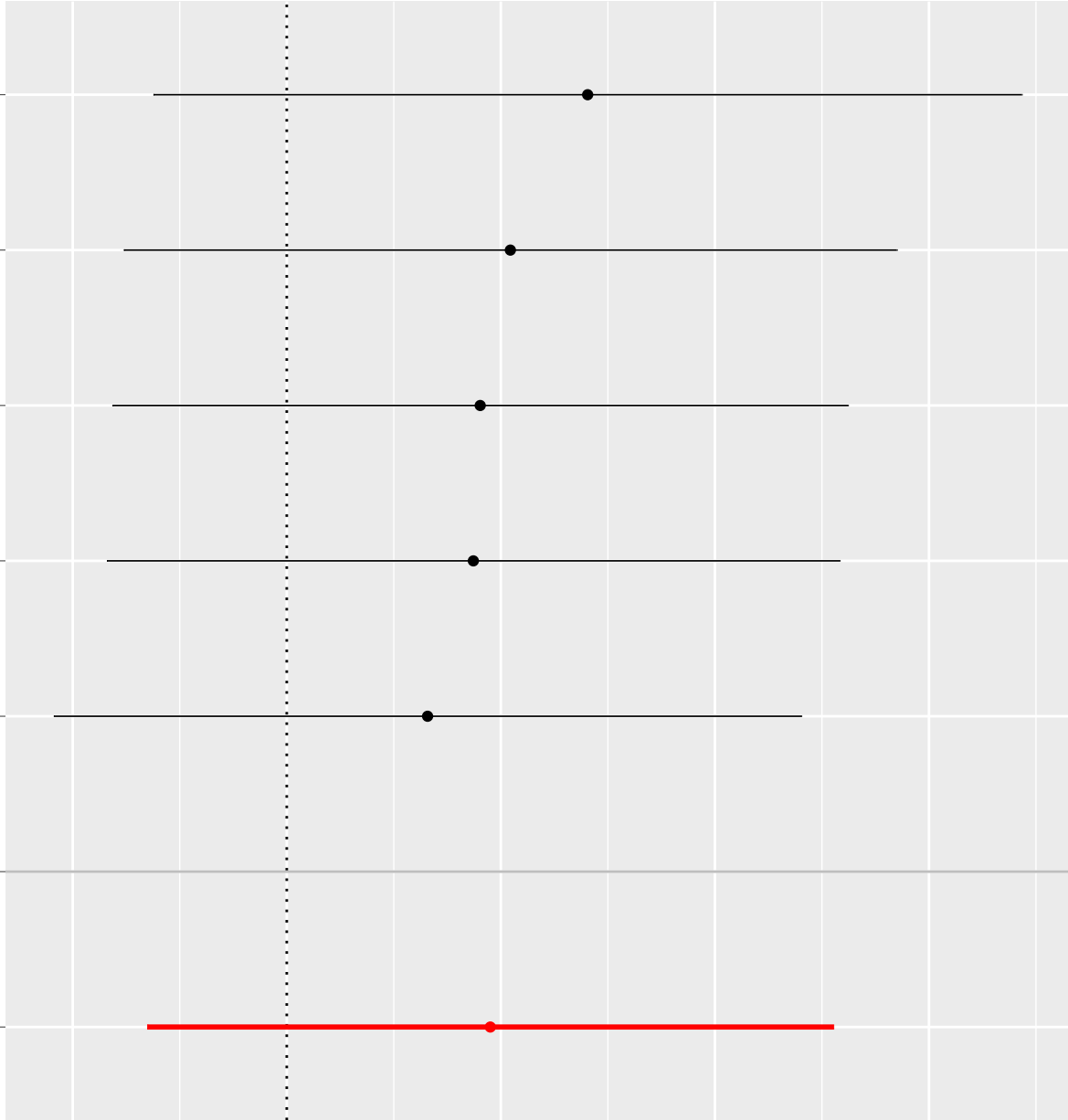
0.00

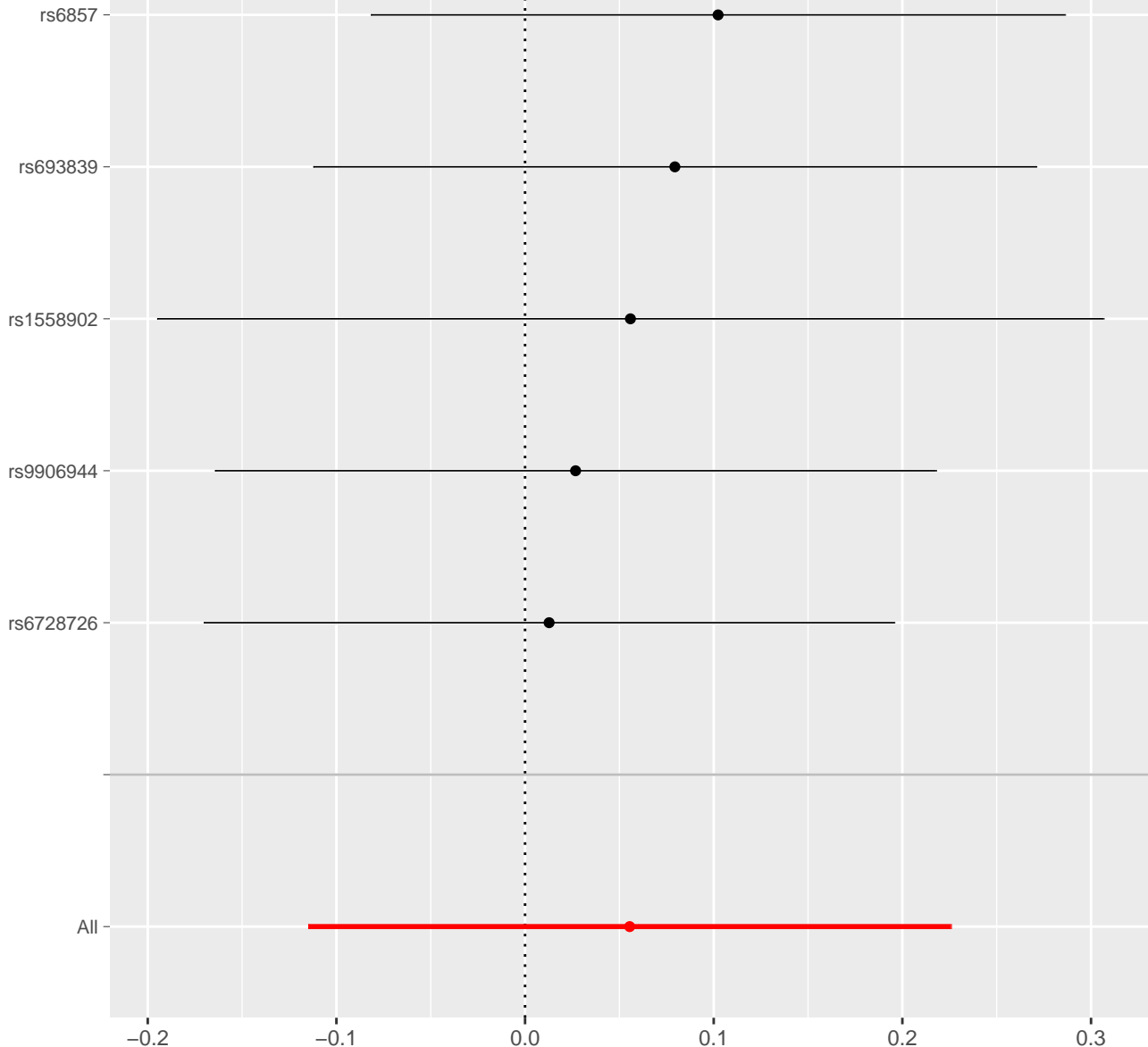
0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Adrenate (22:4n6) || id:537'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Homostachydrine\*' || id:538

rs1558902

rs9906944

rs6857

rs6728726

rs693839

All

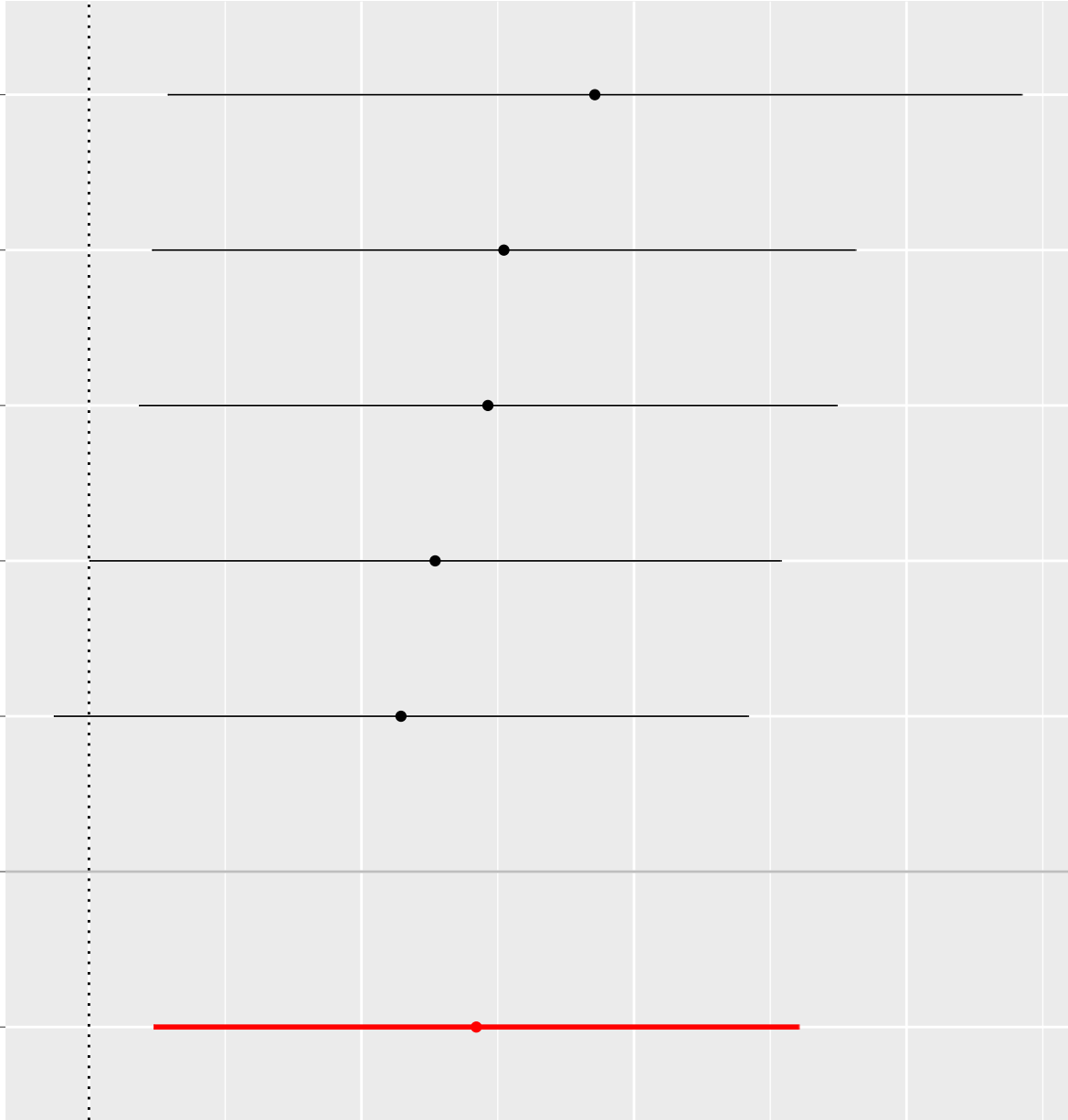
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'ADSGEGDFAEGGGVR\* || id:539'



rs1558902

rs693839

rs9906944

rs6728726

rs6857

All

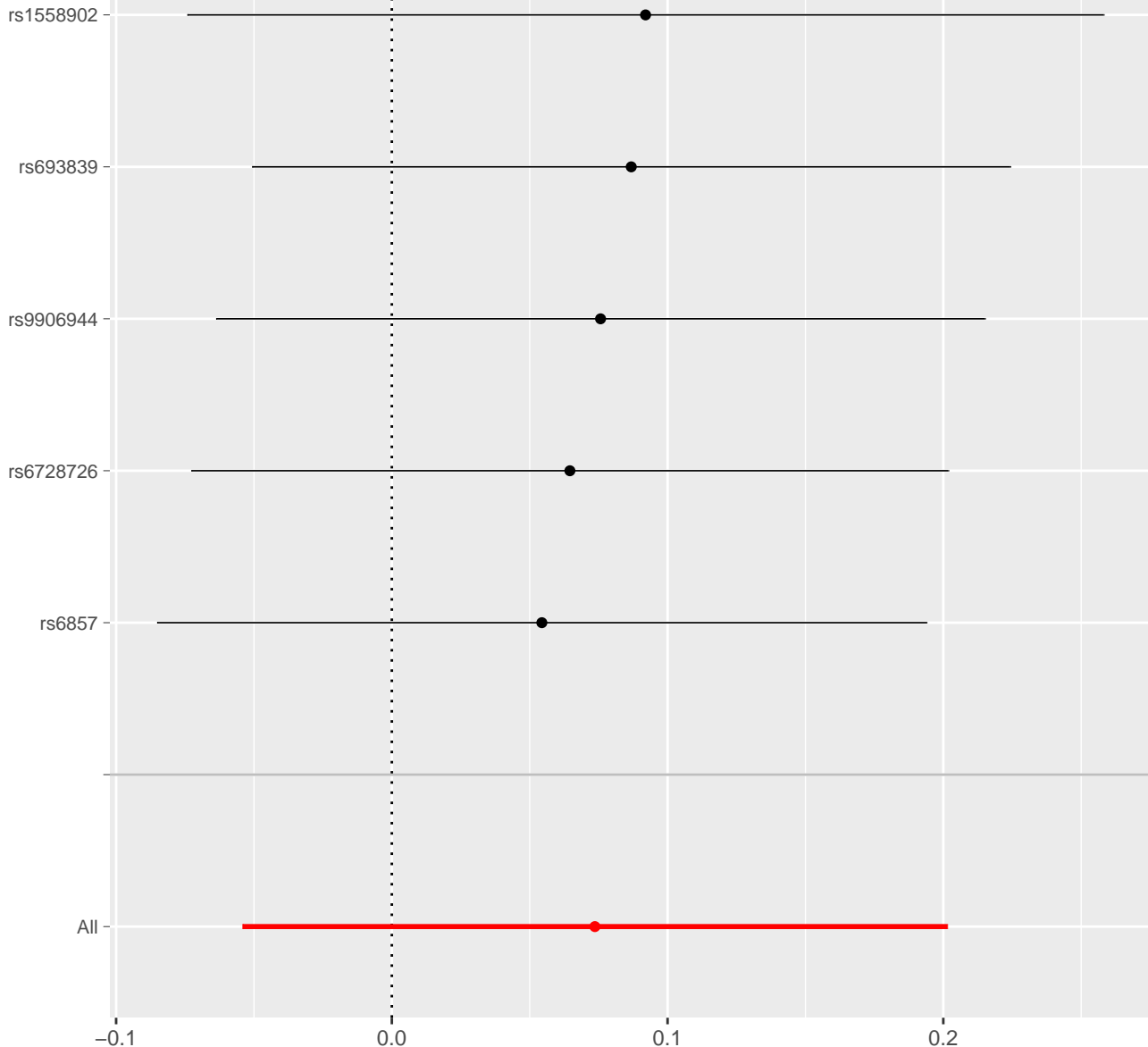
-0.1

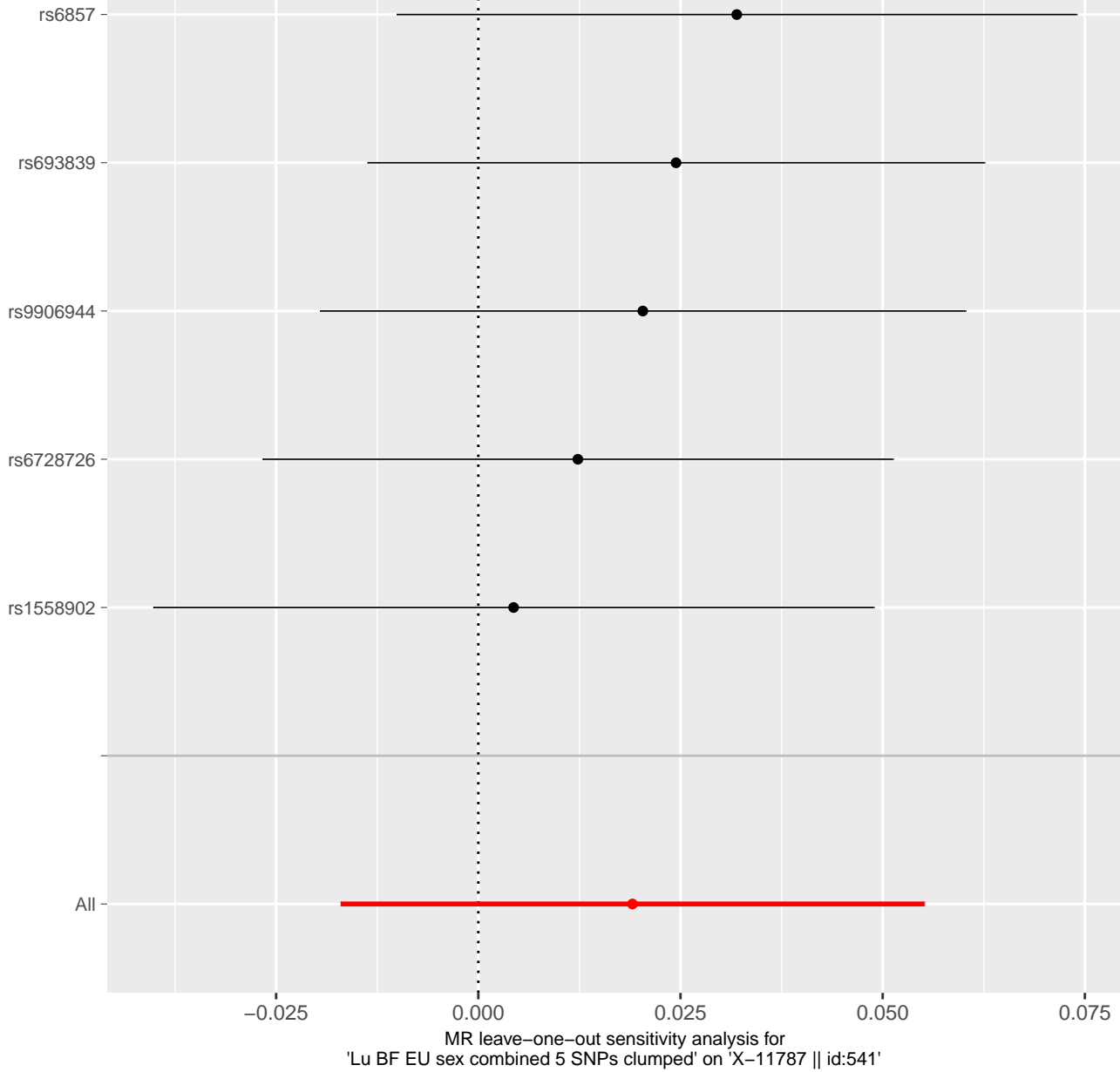
0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11786—methcysteine || id:540'





rs6728726

rs6857

rs9906944

rs693839

rs1558902

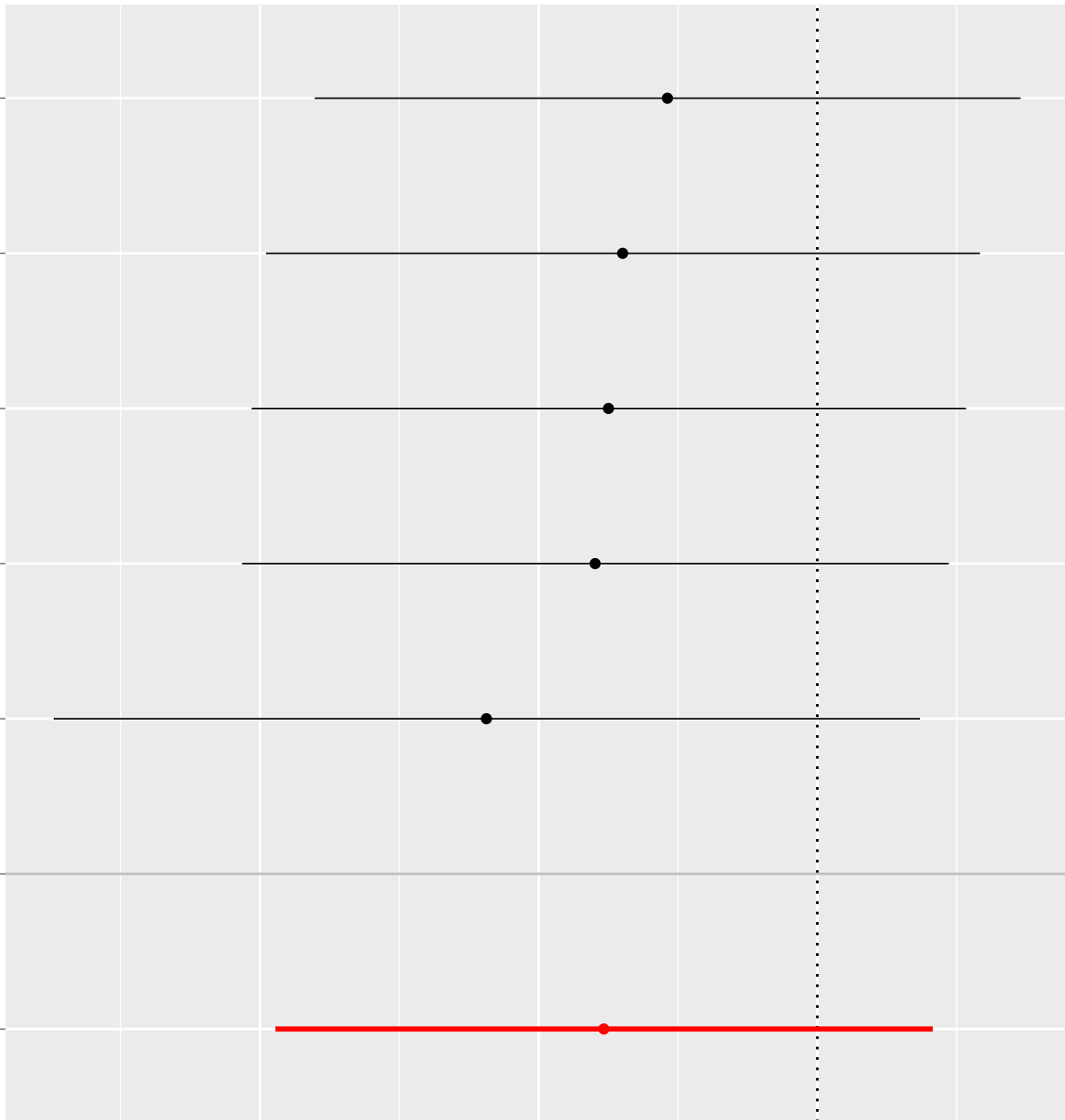
All

-0.4

-0.2

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11792 || id:542'





rs6857

rs1558902

rs693839

rs9906944

rs6728726

All

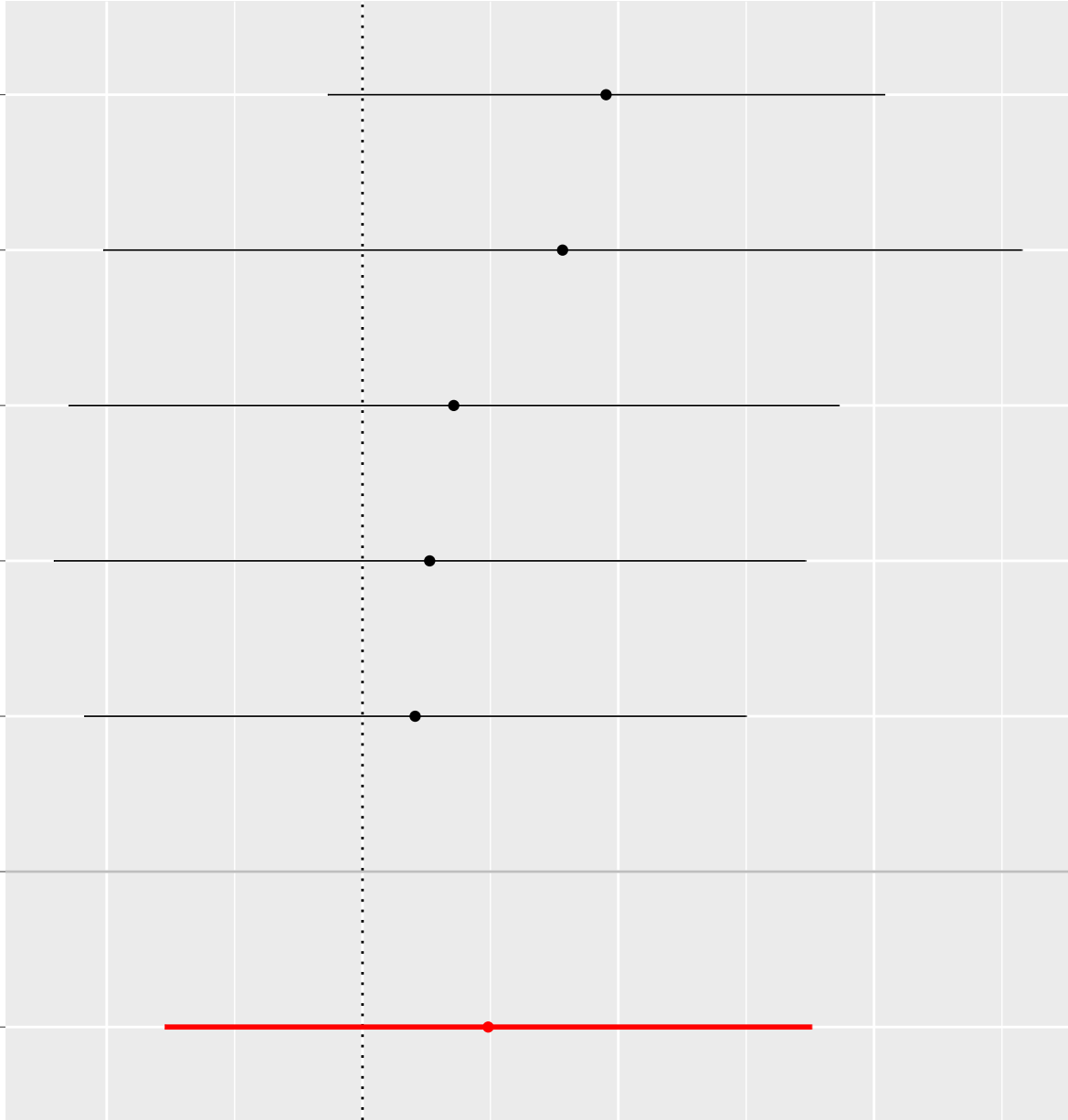
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11793--oxidized bilirubin\* || id:543'



rs9906944

rs693839

rs6728726

rs6857

rs1558902

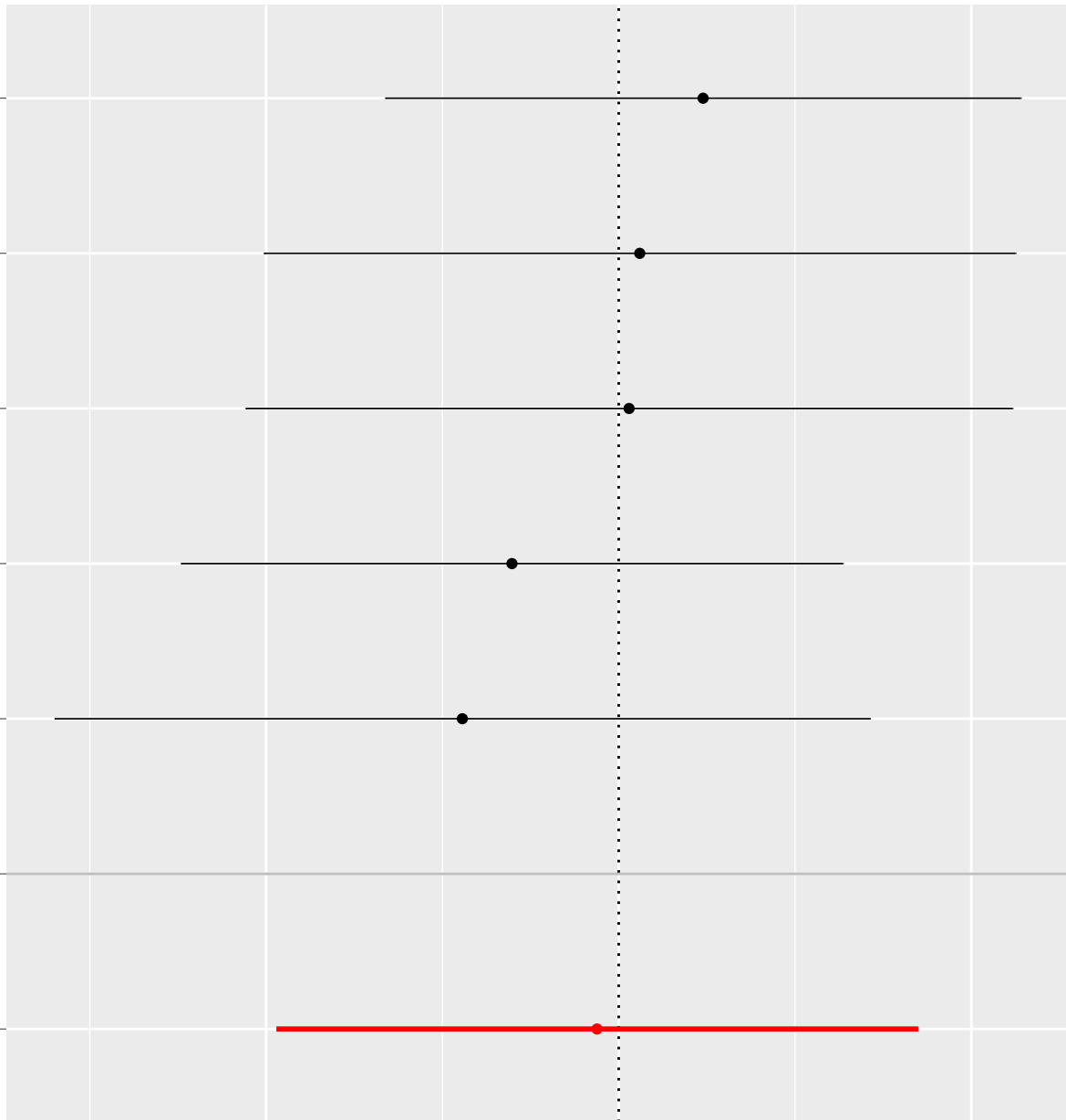
All

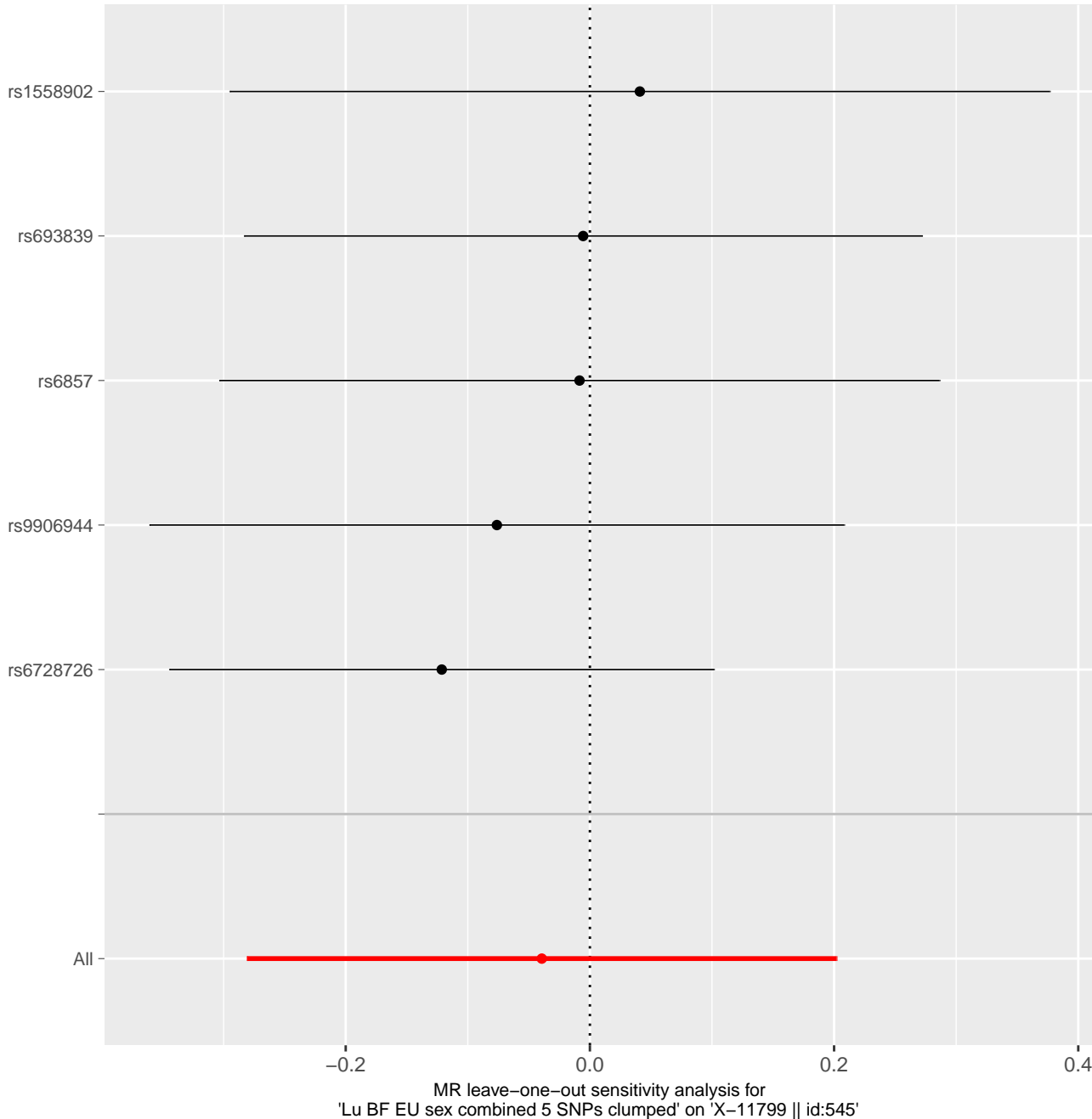
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11795 || id:544'





rs1558902

rs9906944

rs6857

rs693839

rs6728726

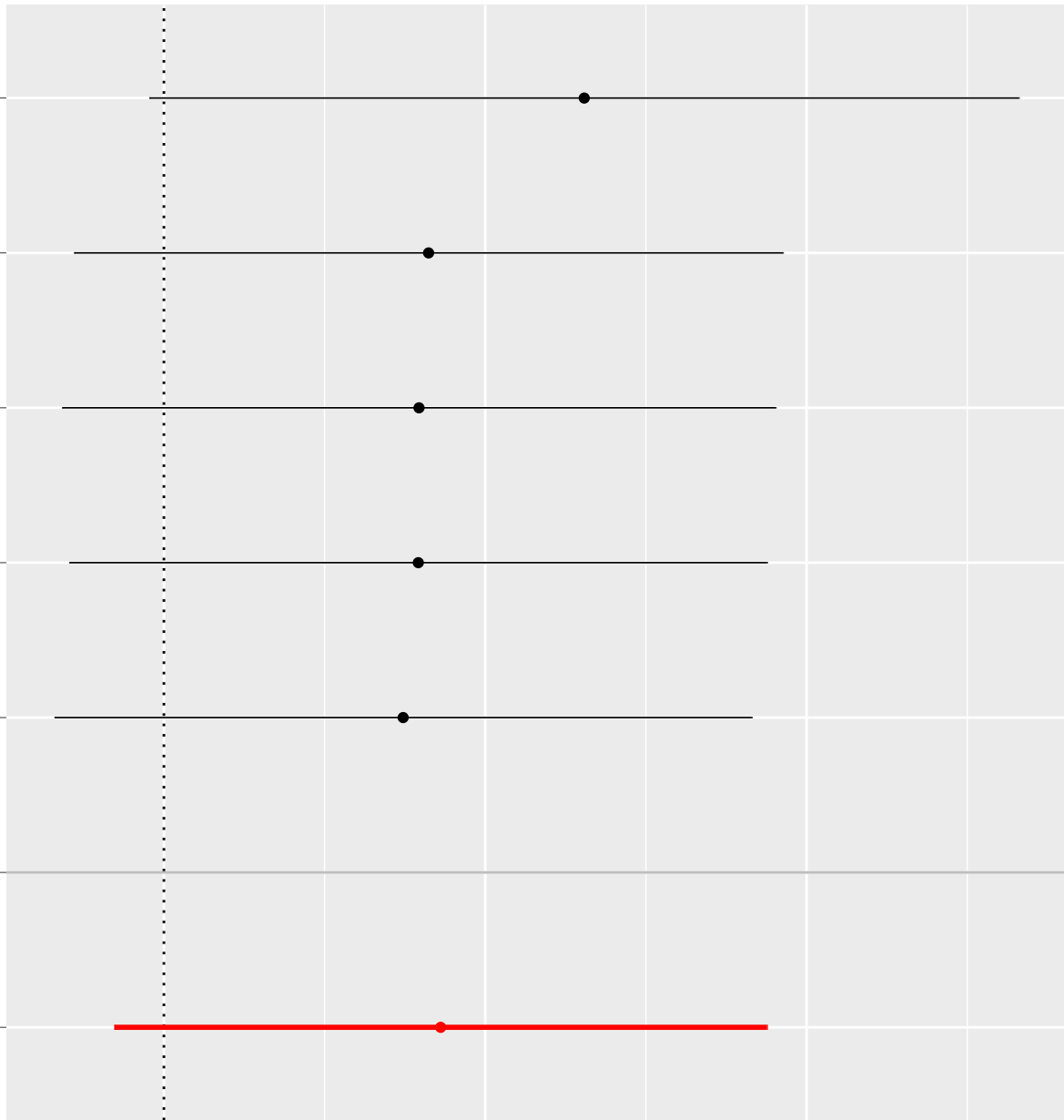
All

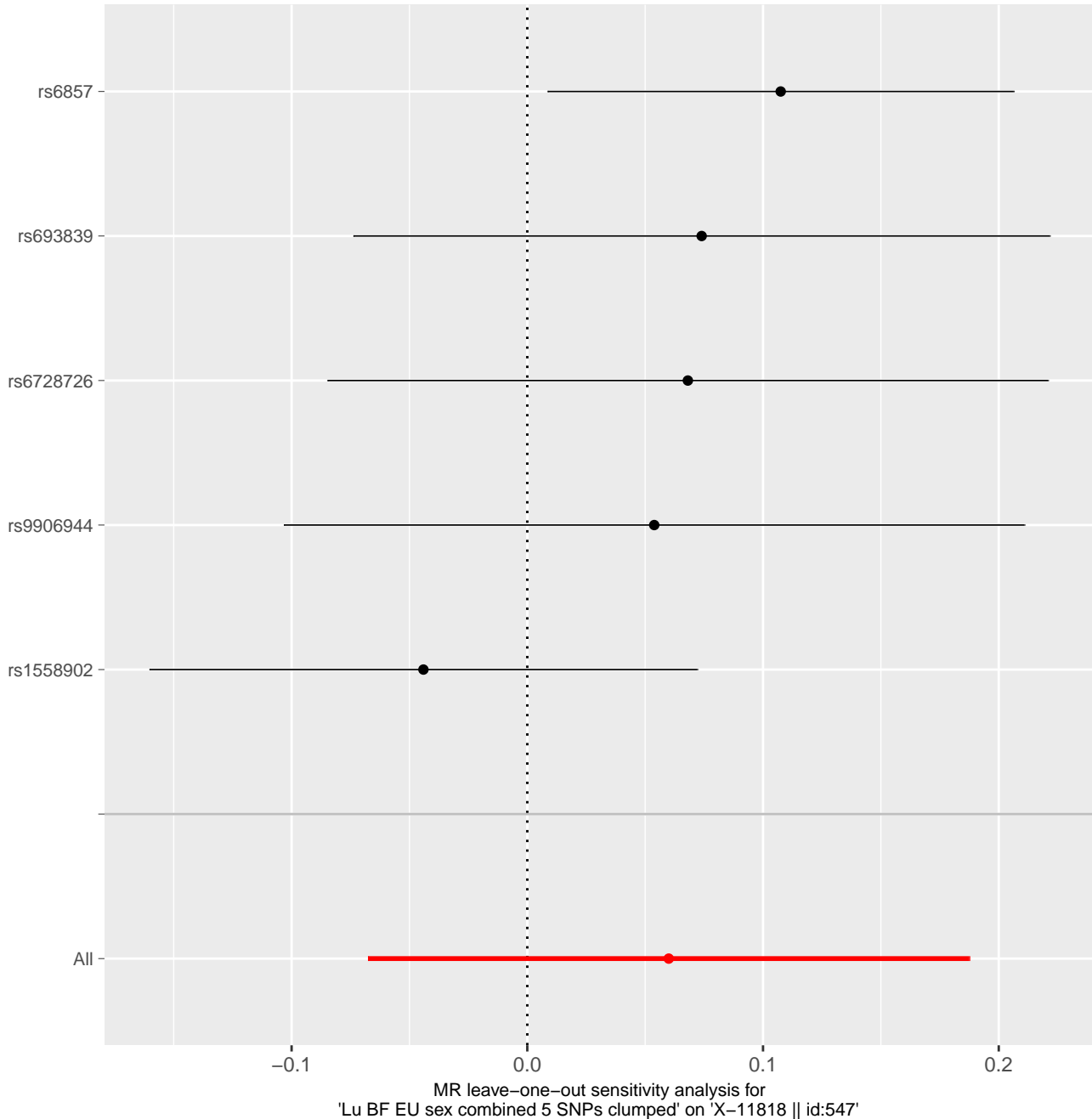
0.0

0.2

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11805 || id:546'





rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

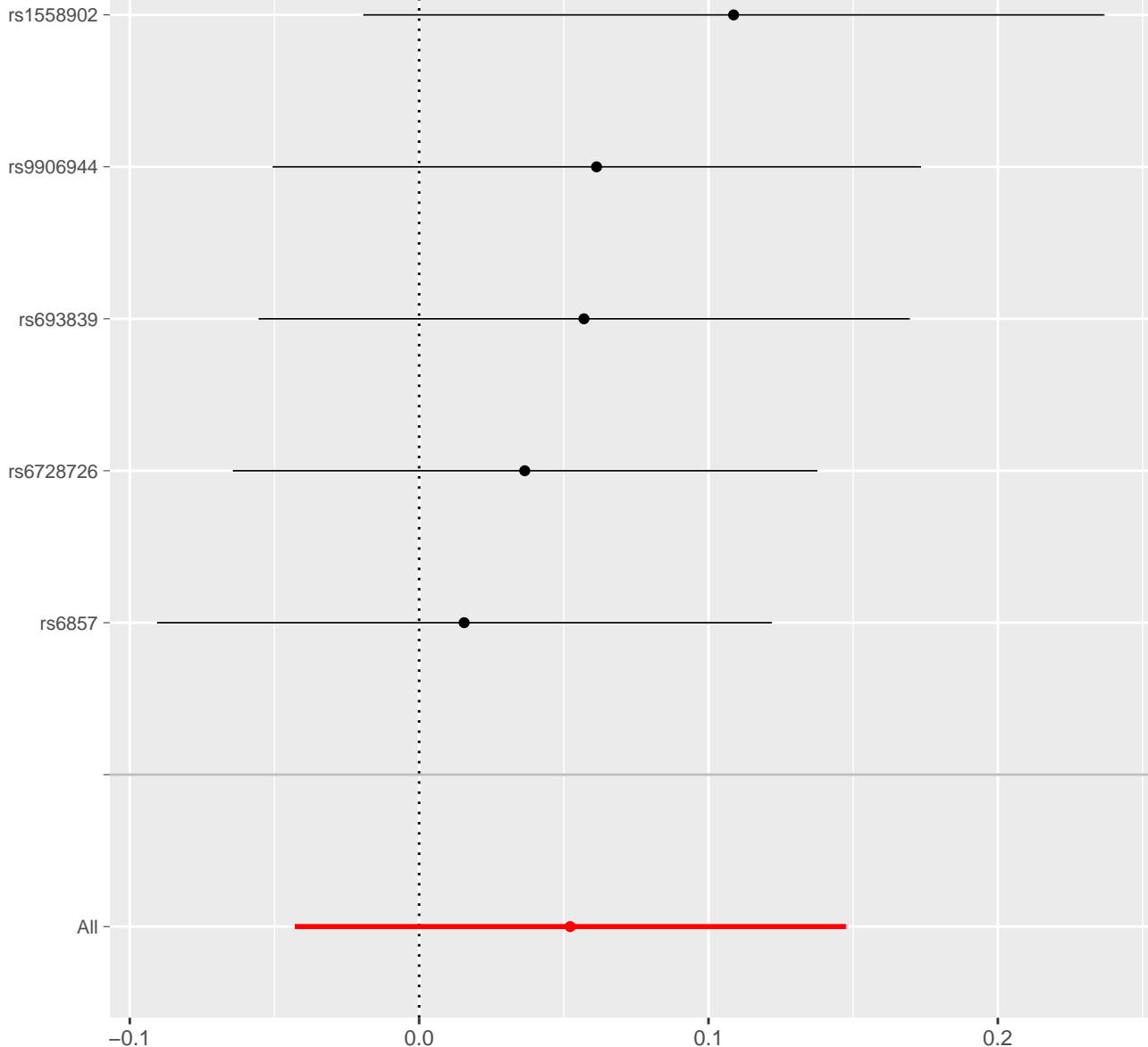
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11820 || id:548'



rs6728726

rs9906944

rs693839

rs1558902

rs6857

All

-0.6

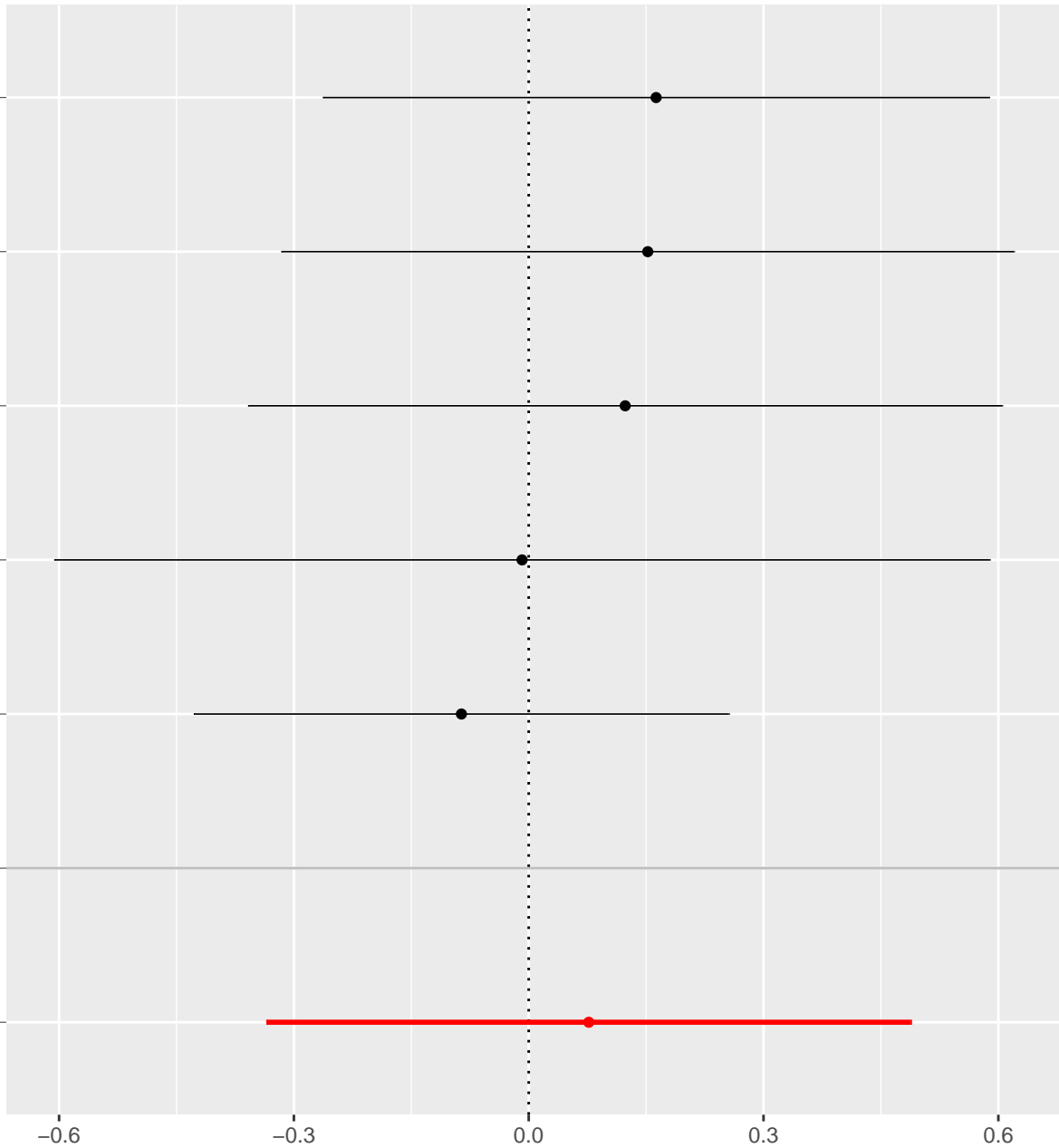
-0.3

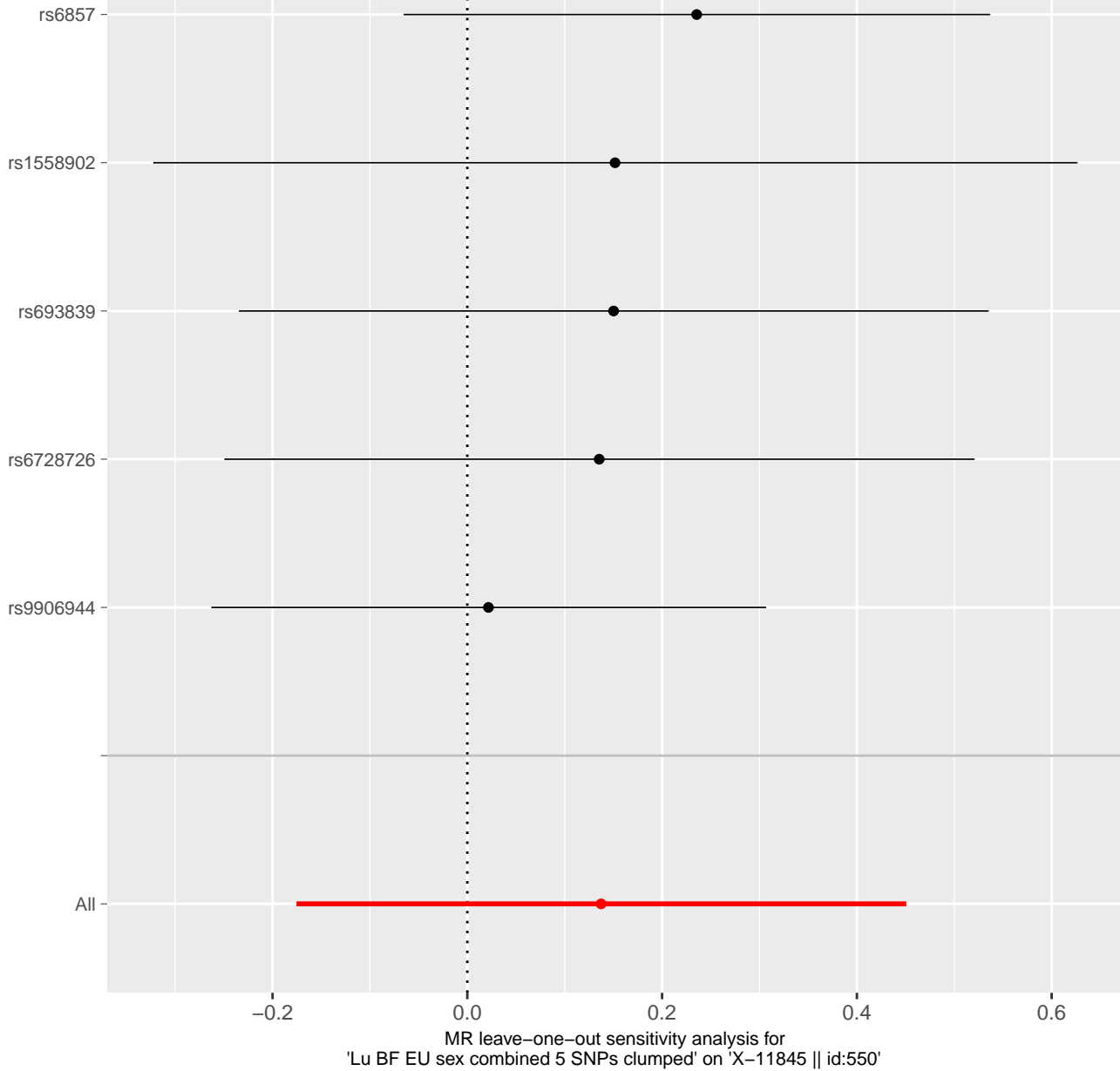
0.0

0.3

0.6

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11843 || id:549'







rs1558902

rs6728726

rs6857

rs693839

rs9906944

All

-0.2

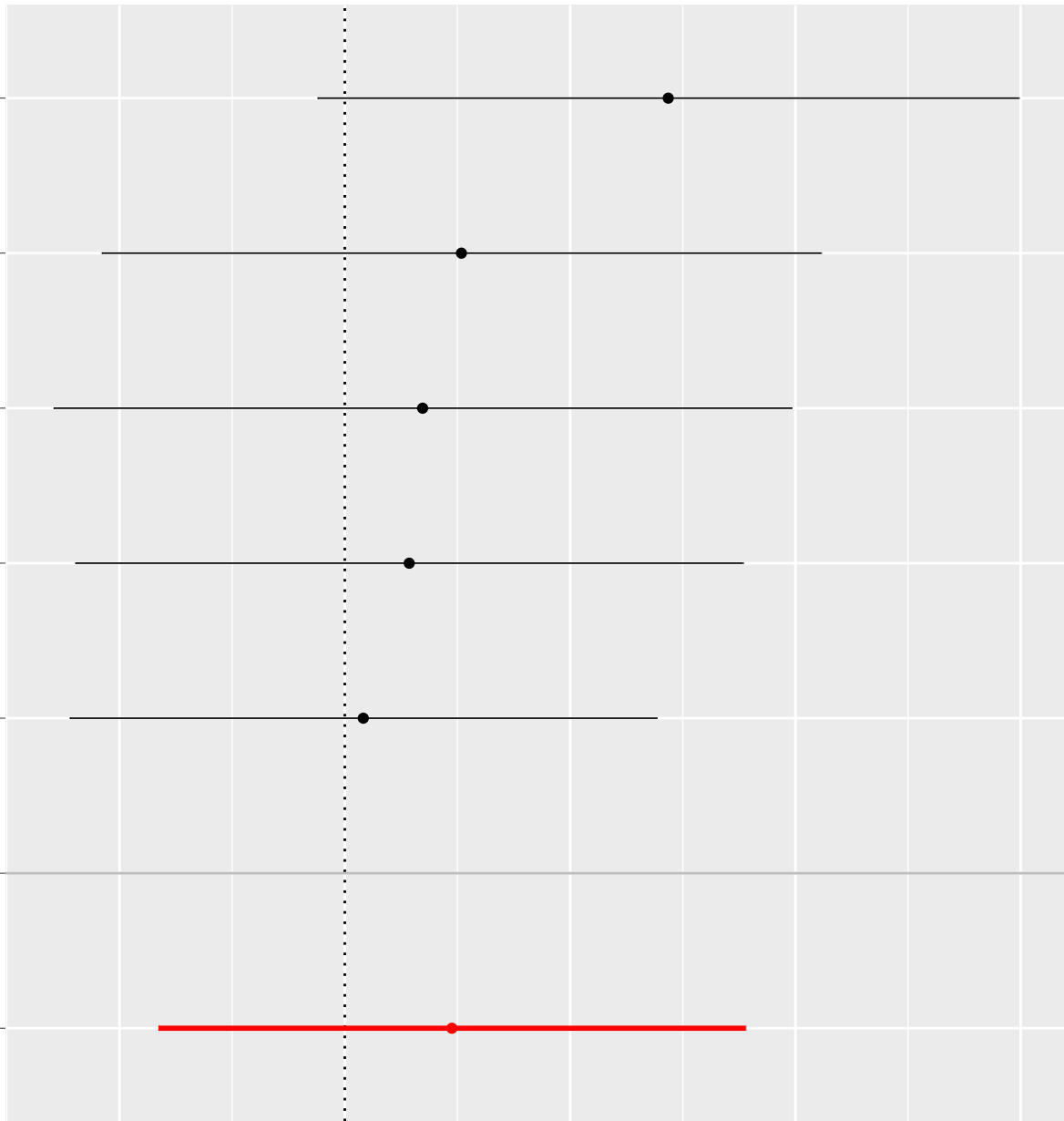
0.0

0.2

0.4

0.6

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11847 || id:551'



rs1558902

rs6857

rs6728726

rs693839

rs9906944

All

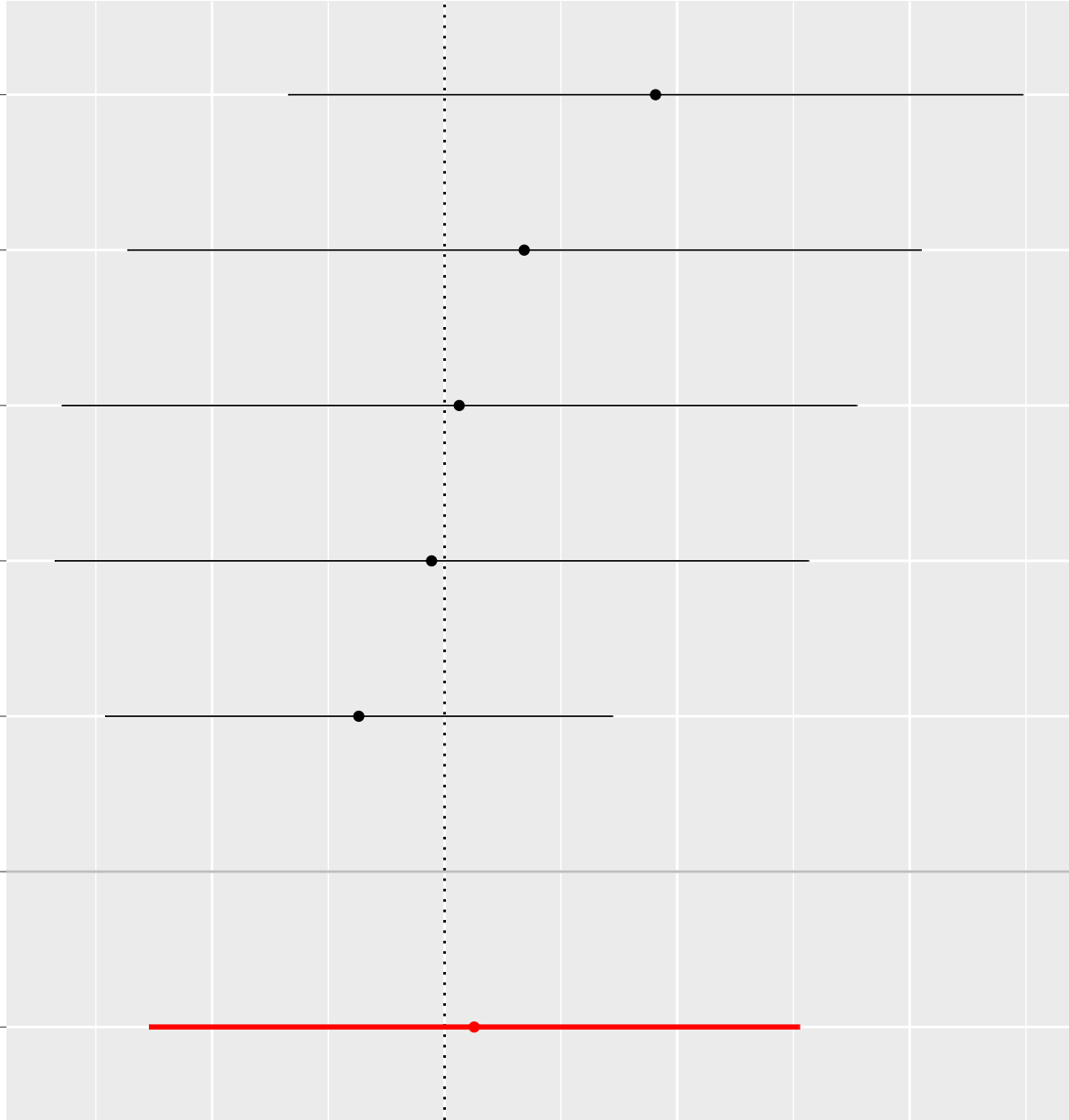
-0.25

0.00

0.25

0.50

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11849 || id:552'



rs6728726

rs693839

rs9906944

rs1558902

rs6857

All

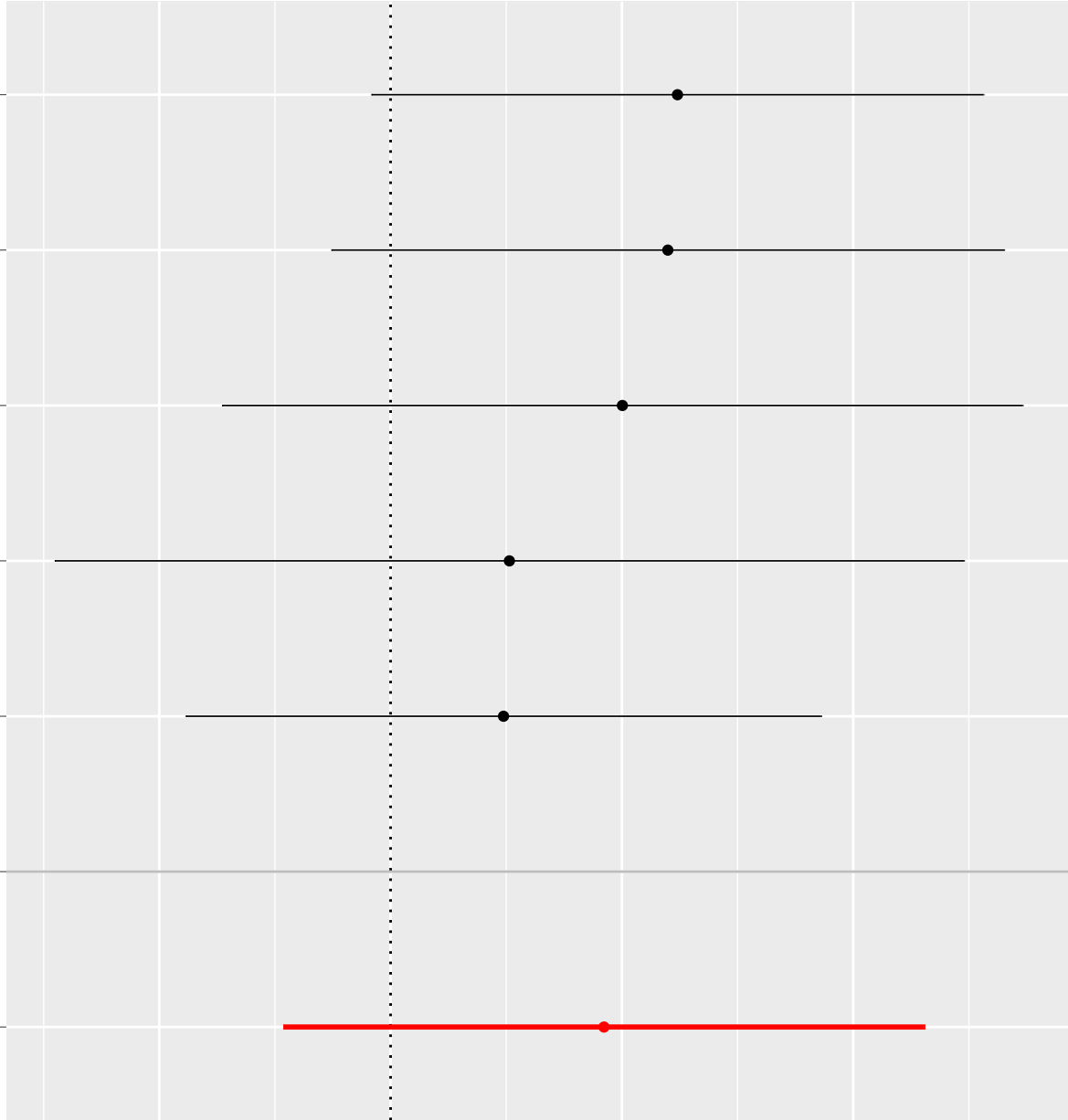
-0.25

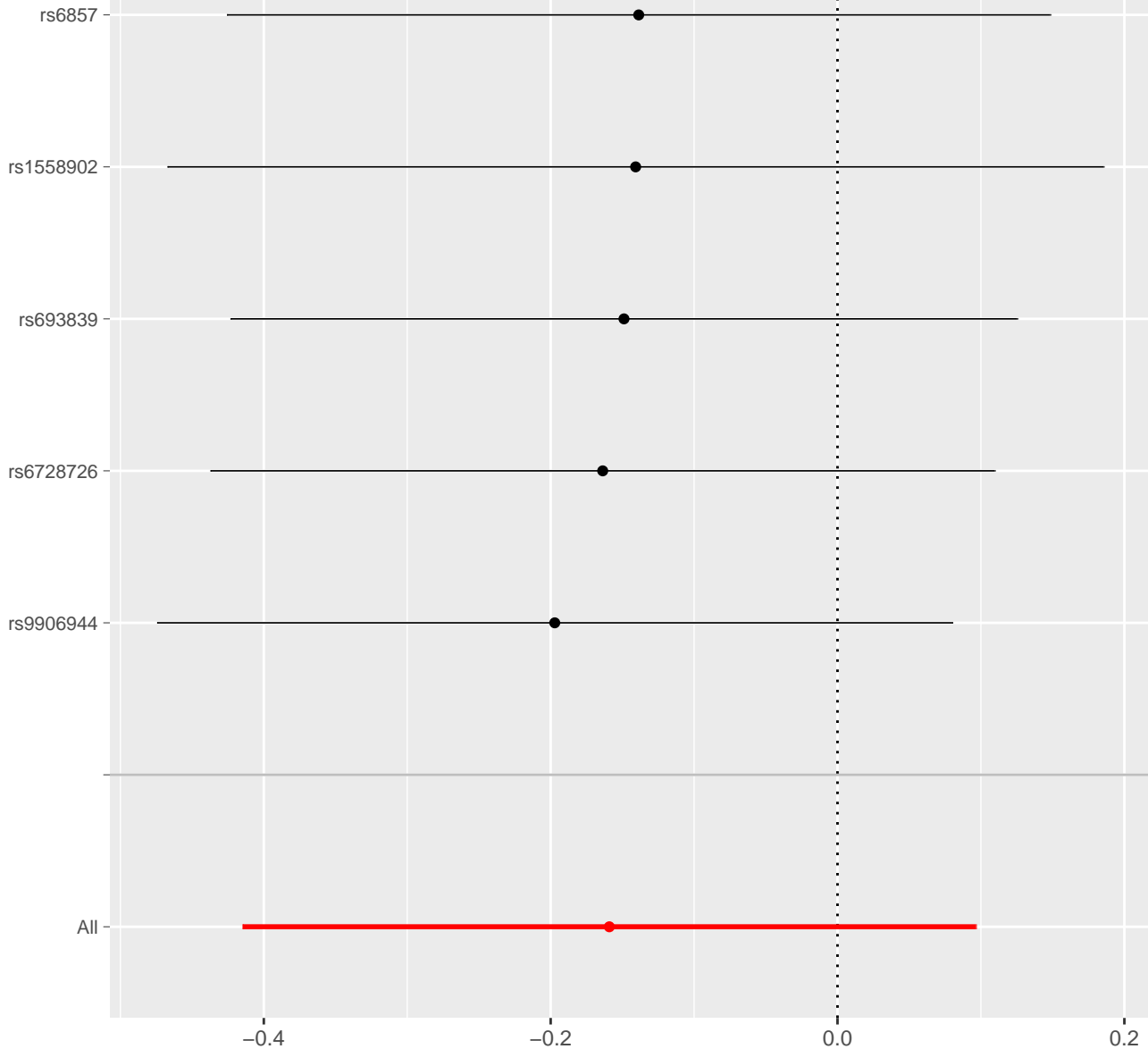
0.00

0.25

0.50

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11850 || id:553'





rs1558902

rs693839

rs6728726

rs6857

rs9906944

All

-0.2

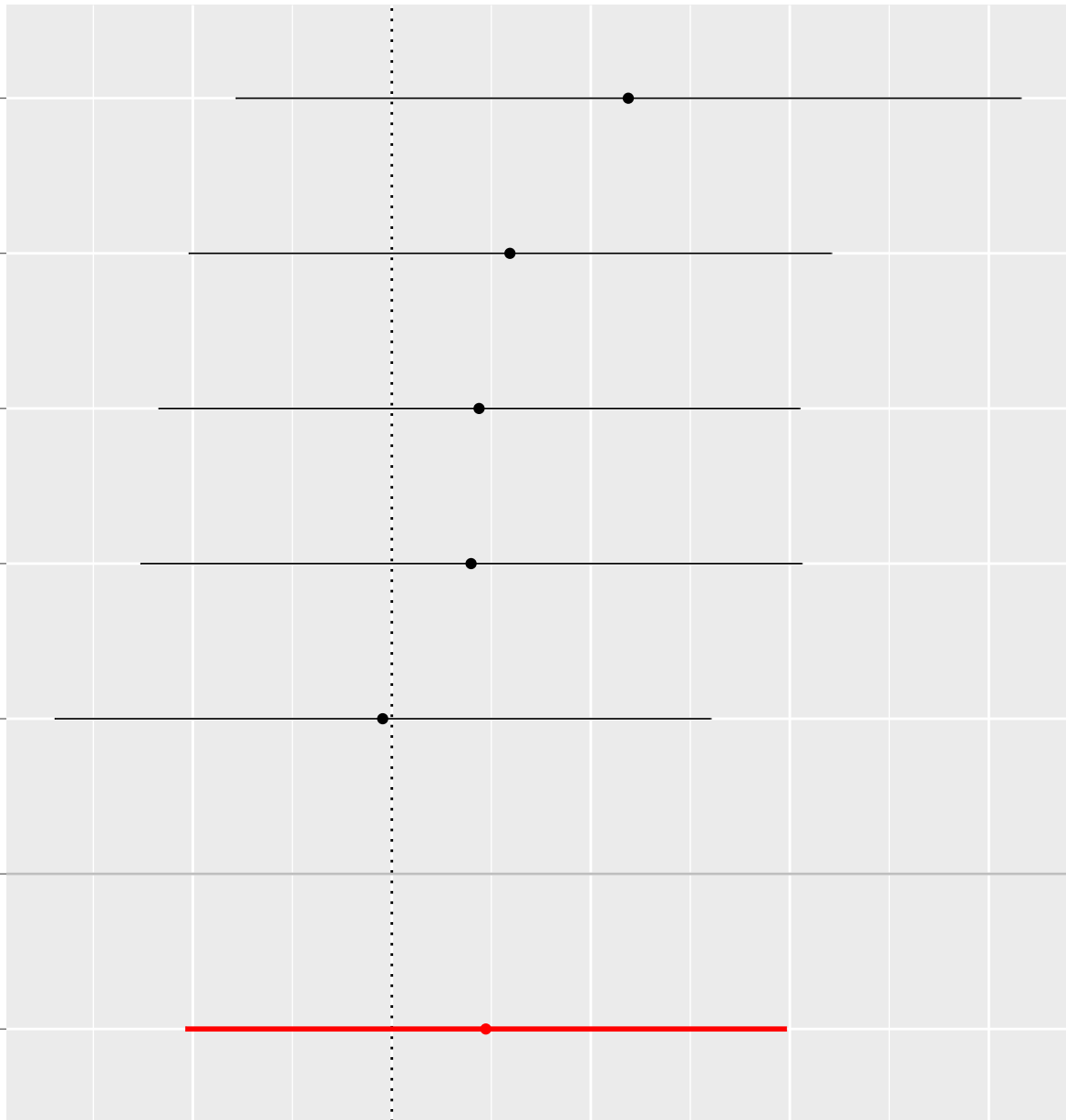
0.0

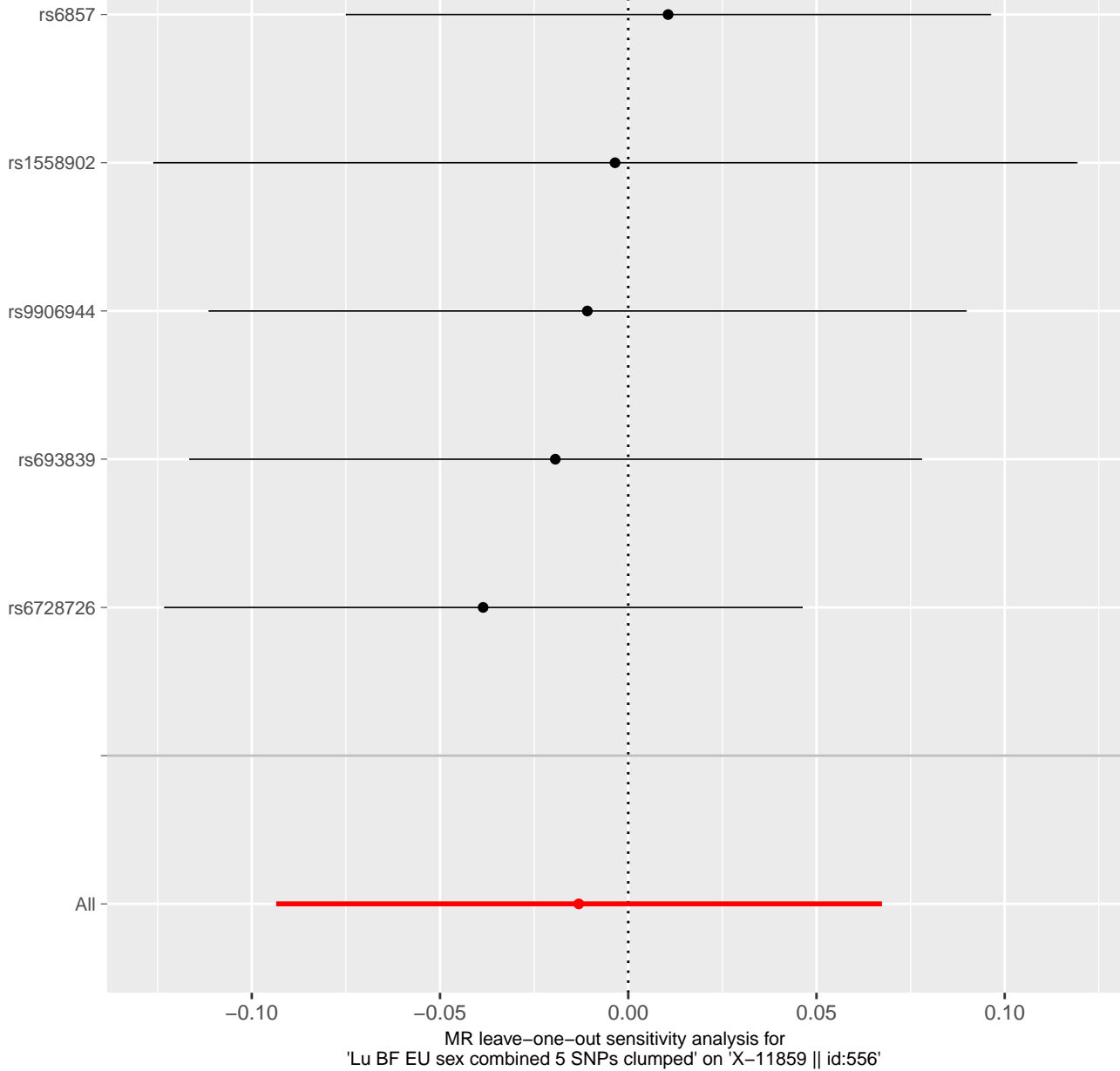
0.2

0.4

0.6

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11858 || id:555'





rs6728726

rs9906944

rs693839

rs6857

rs1558902

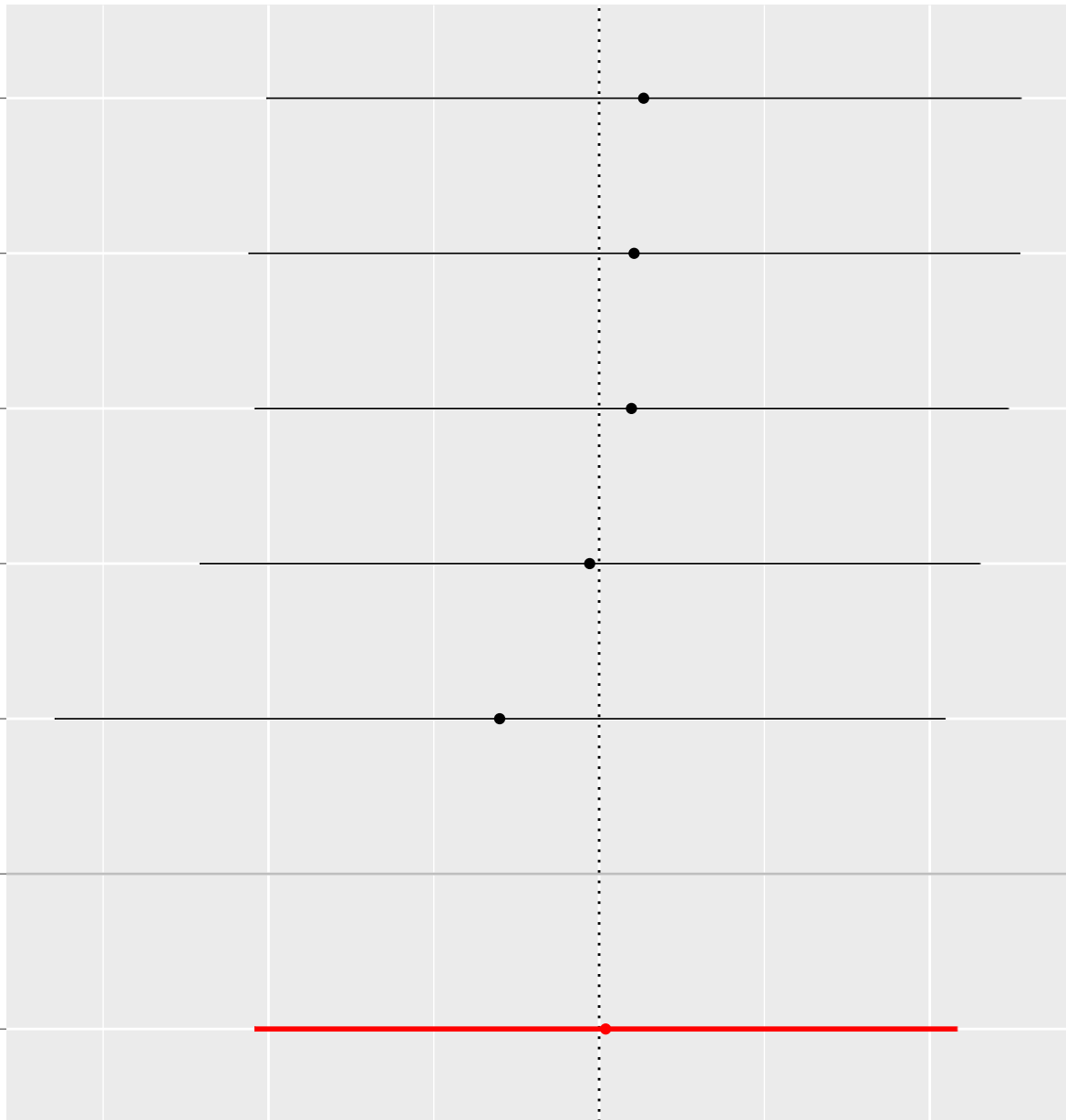
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11876 || id:55'



rs1558902

rs693839

rs9906944

rs6728726

rs6857

All

-0.10

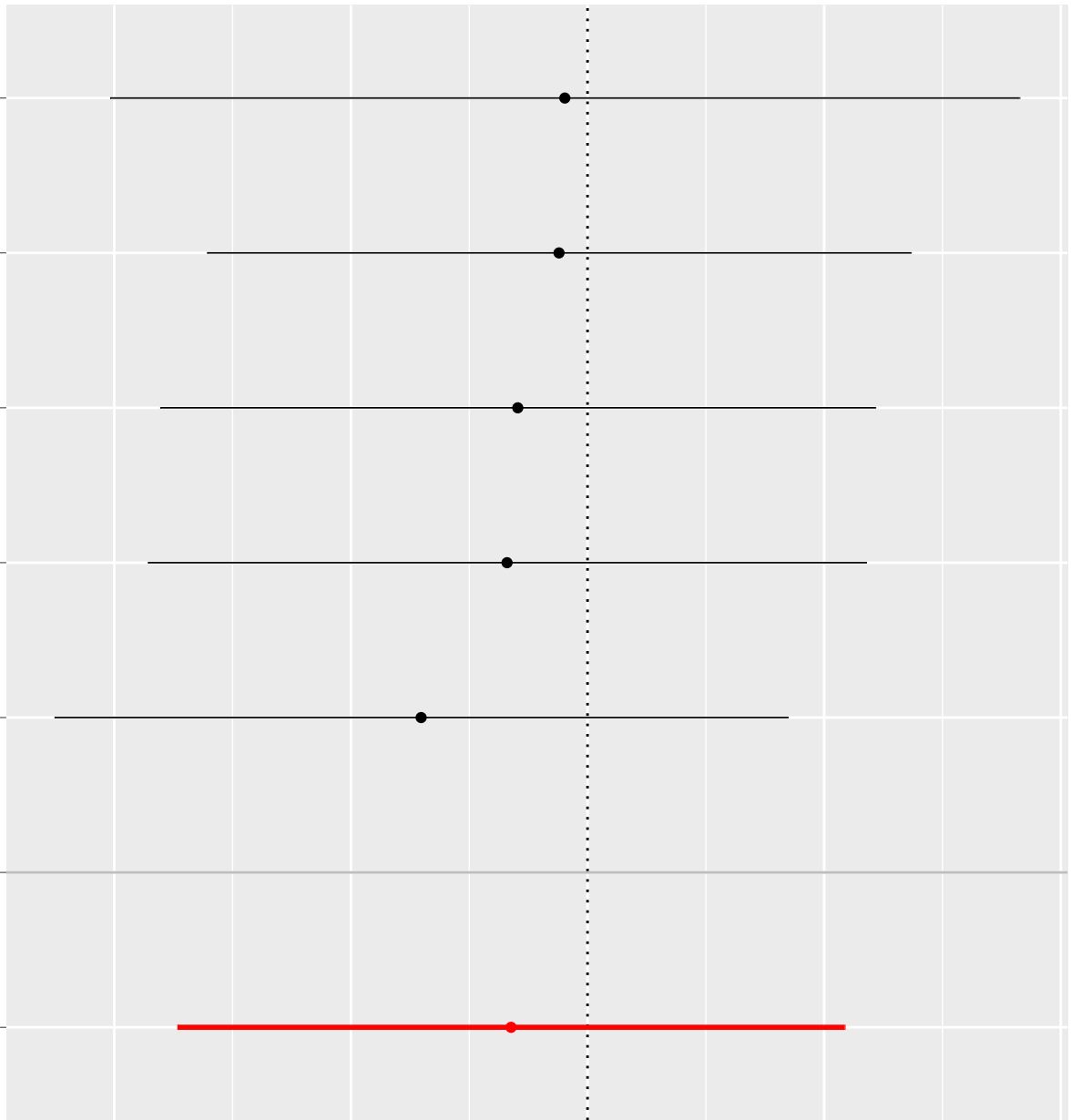
-0.05

0.00

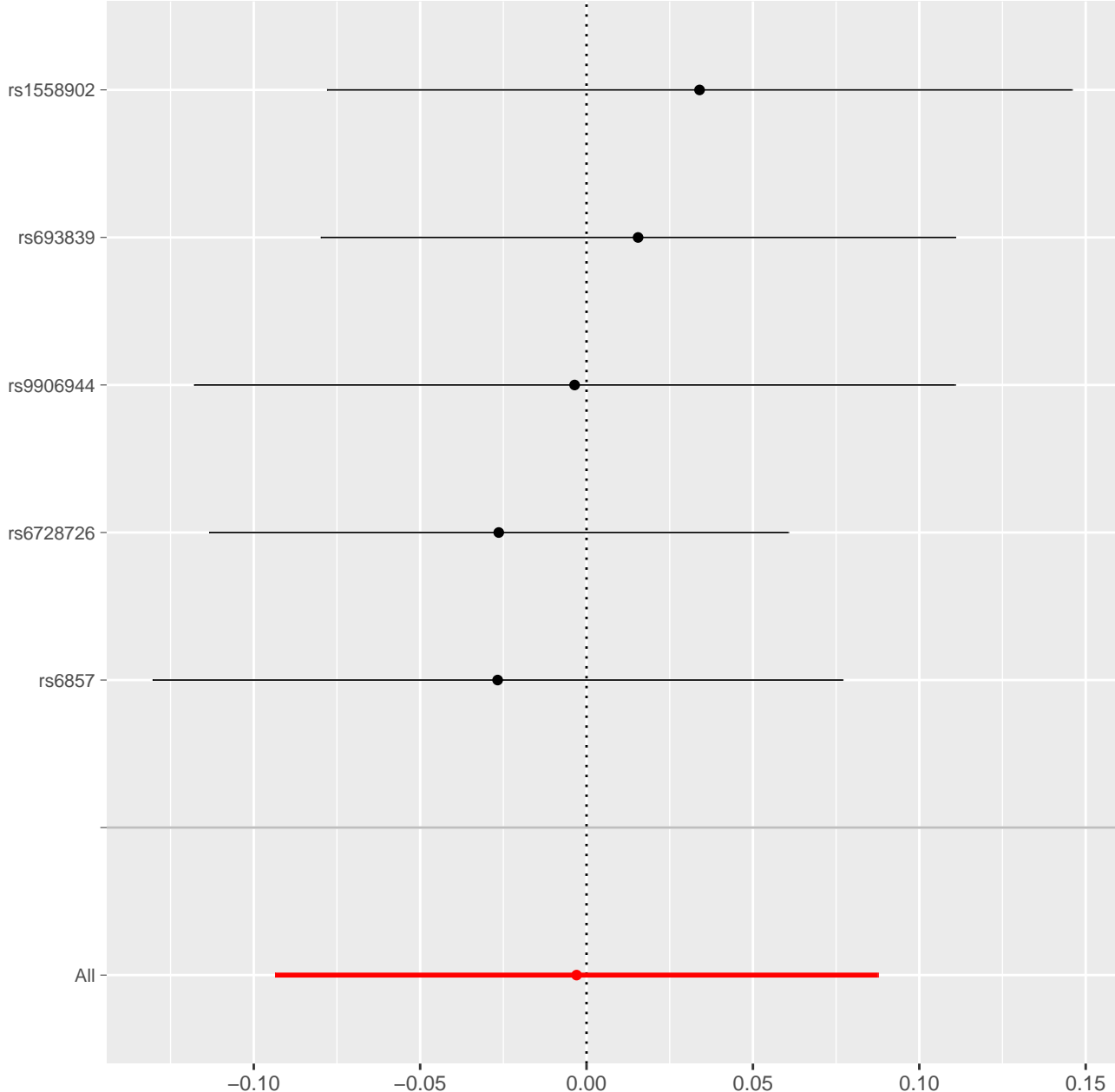
0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-arachidonoylglycerophosphocholine\* || id:558'







MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-palmitoleoylglycerophosphocholine\* || id:559'

rs1558902

rs6857

rs6728726

rs9906944

rs693839

All

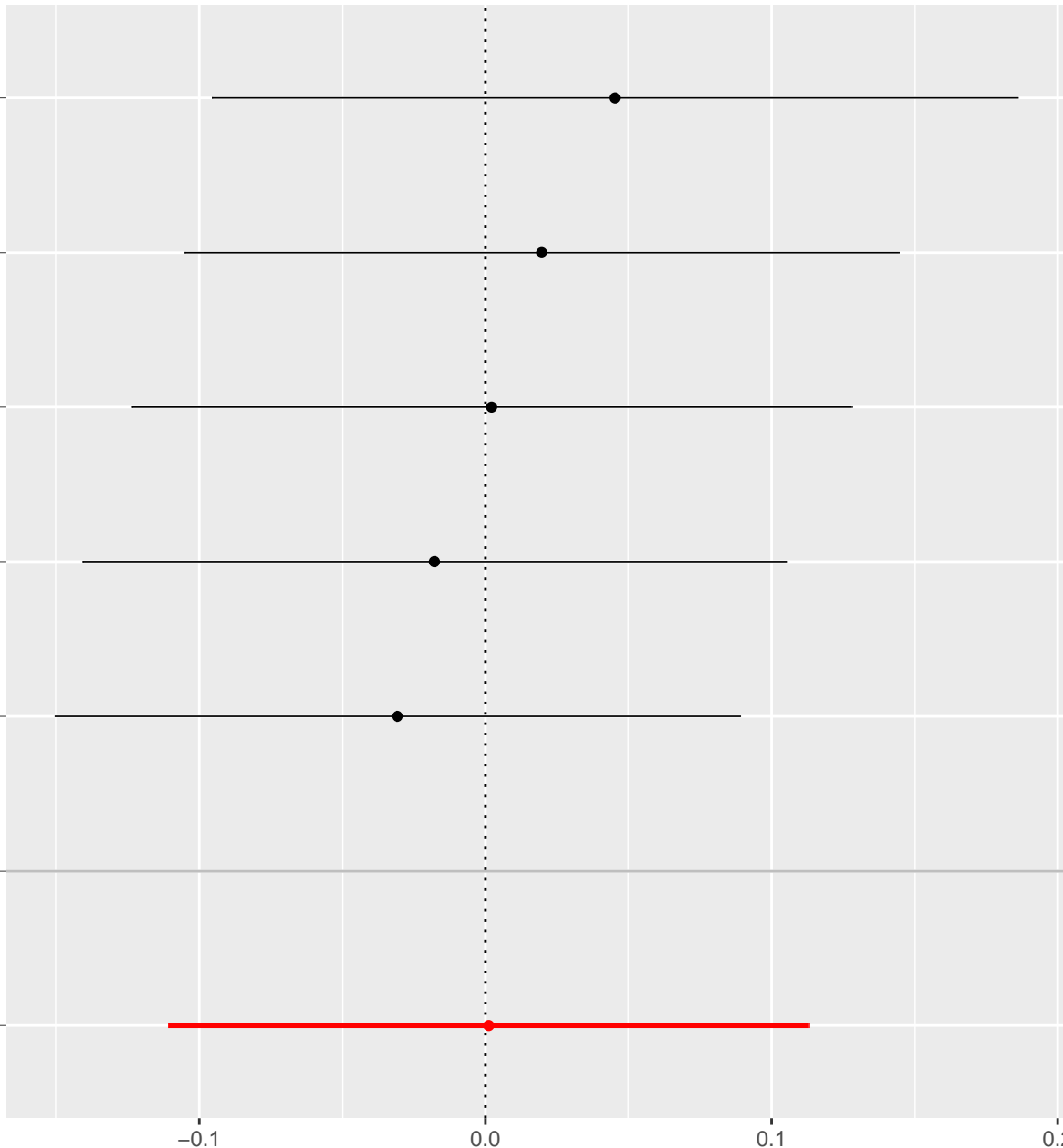
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-11905 || id:560'



rs693839

rs1558902

rs6728726

rs9906944

rs6857

All

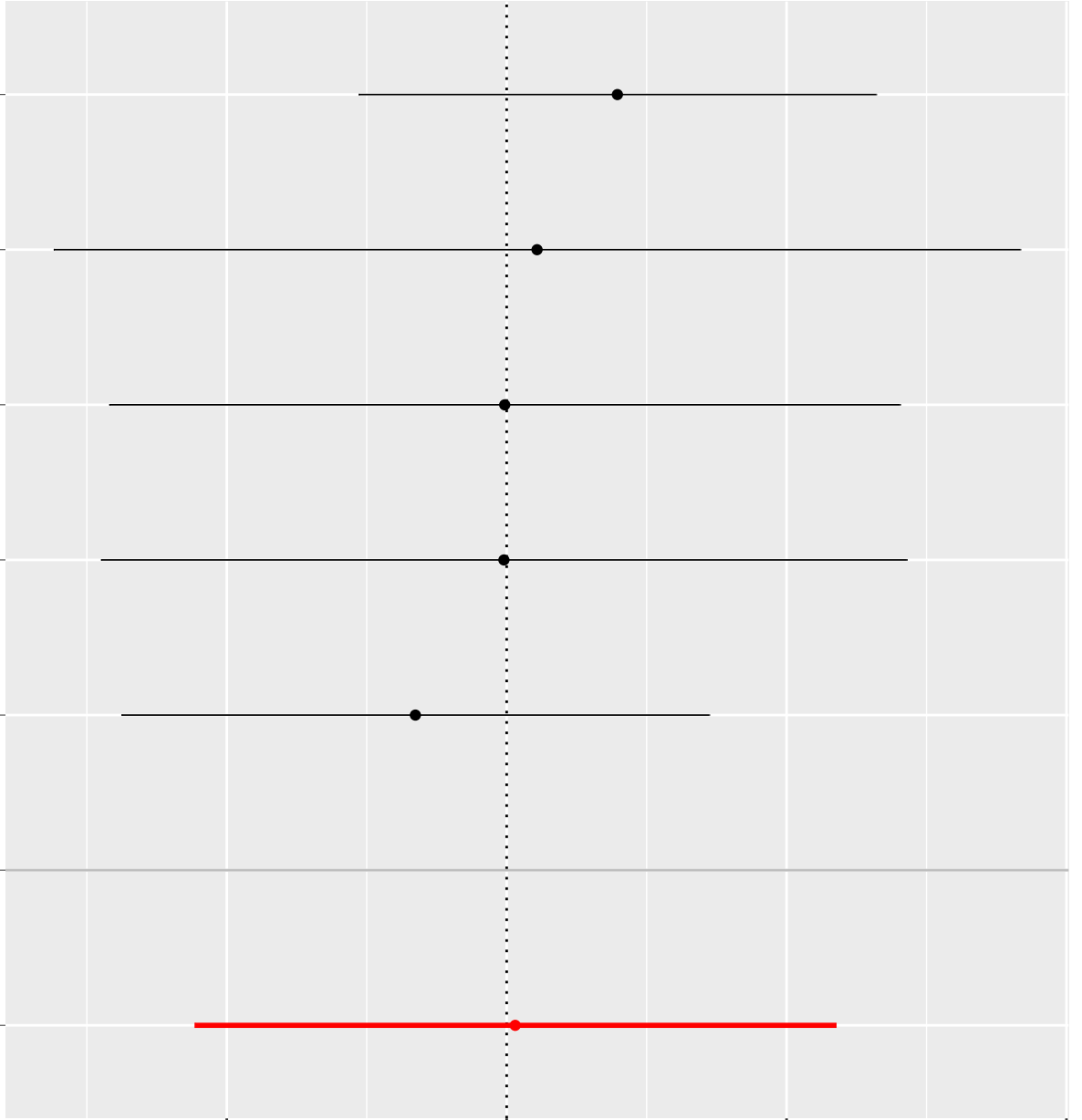
-0.25

0.00

0.25

0.50

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12007 || id:561'



rs6728726

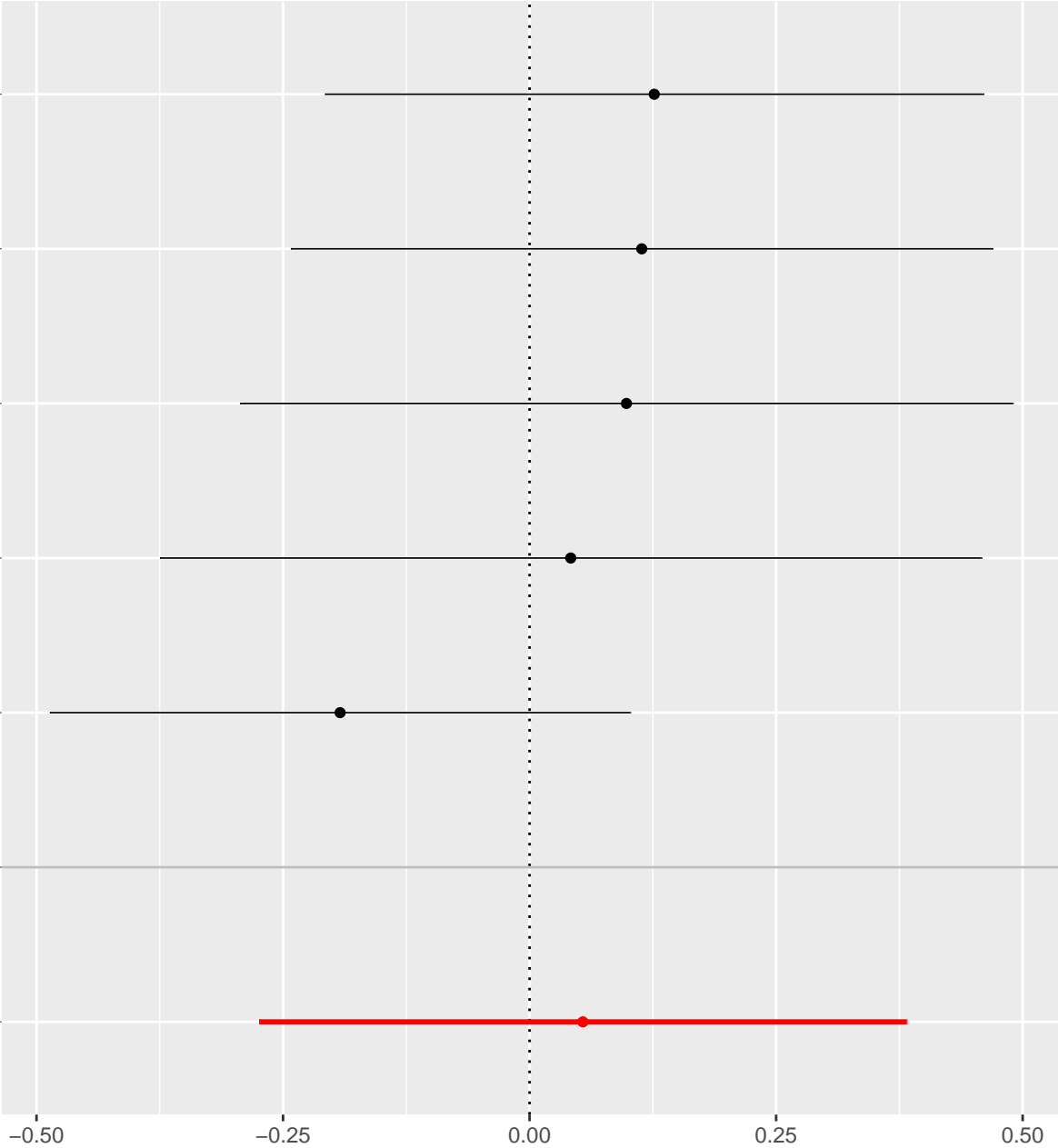
rs693839

rs9906944

rs6857

rs1558902

All



rs1558902

rs9906944

rs693839

rs6857

rs6728726

All

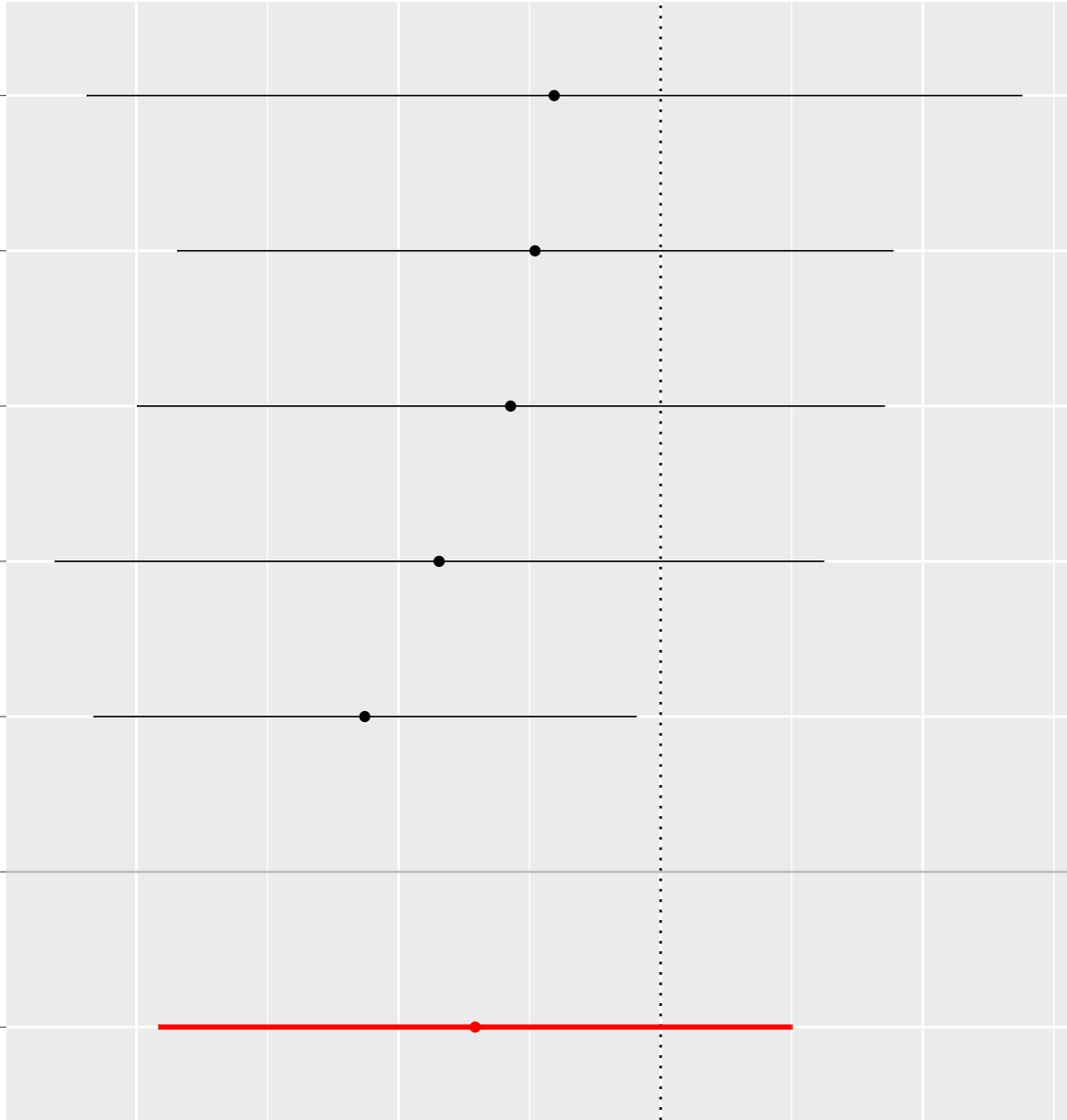
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylmethionine\* || id:563'



rs9906944

rs6857

rs1558902

rs693839

rs6728726

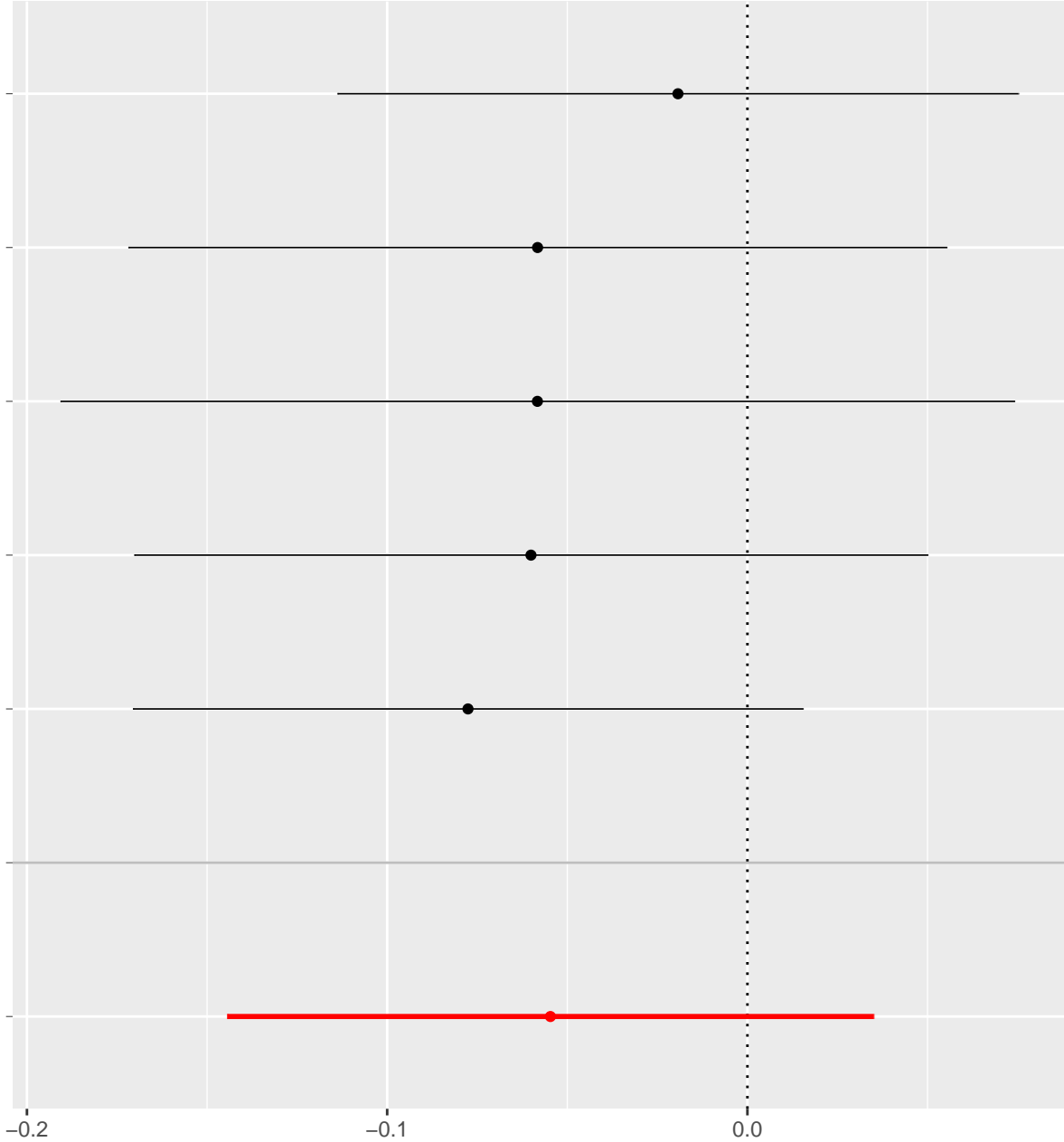
All

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylthreonine\* || id:564'



rs693839

rs6728726

rs9906944

rs6857

rs1558902

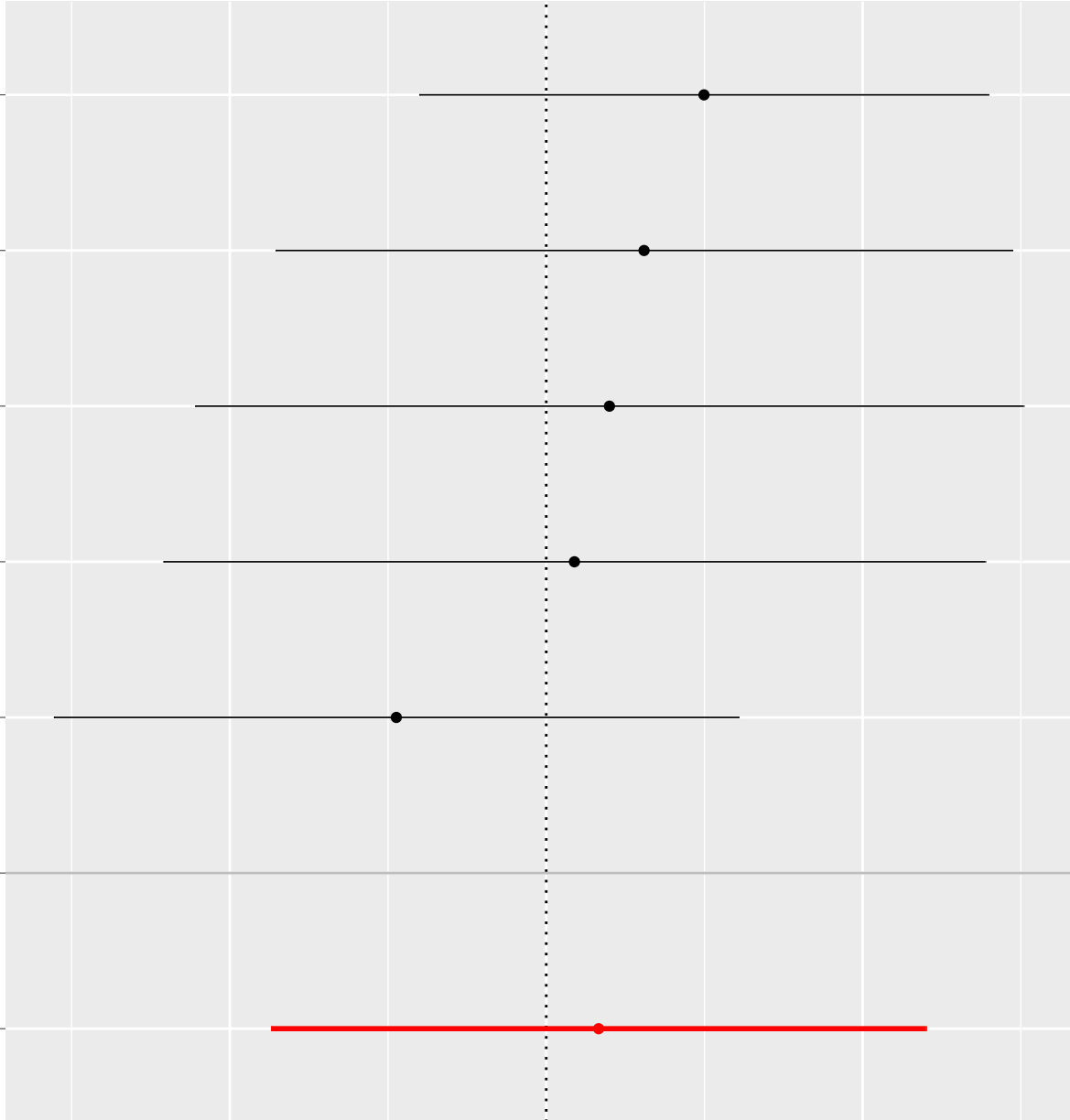
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12029 || id:565'



rs9906944

rs6728726

rs693839

rs1558902

rs6857

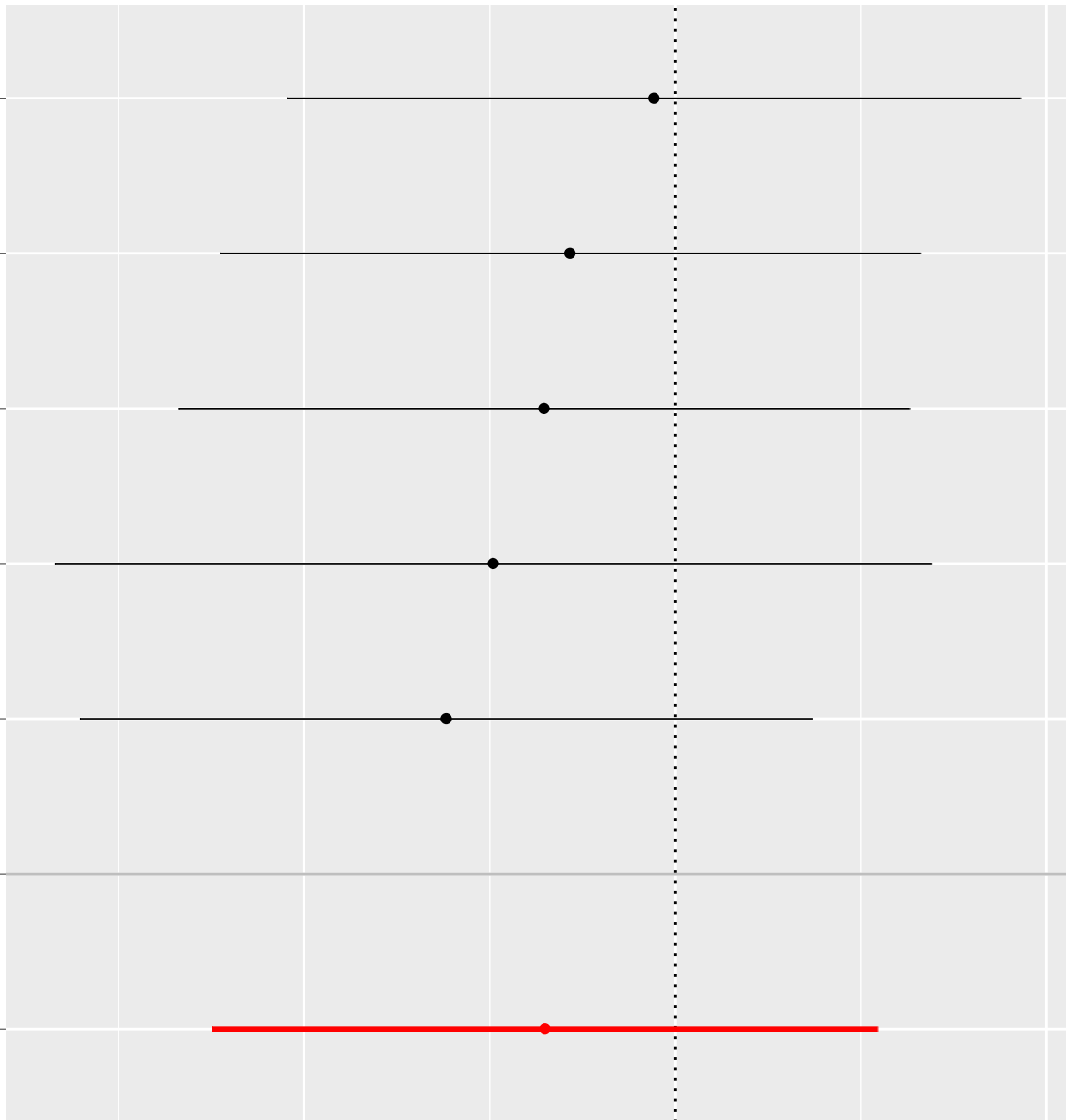
All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12038 || id:566'

-0.05

0.00

0.05





rs9906944

rs6728726

rs6857

rs1558902

rs693839

All

-0.1

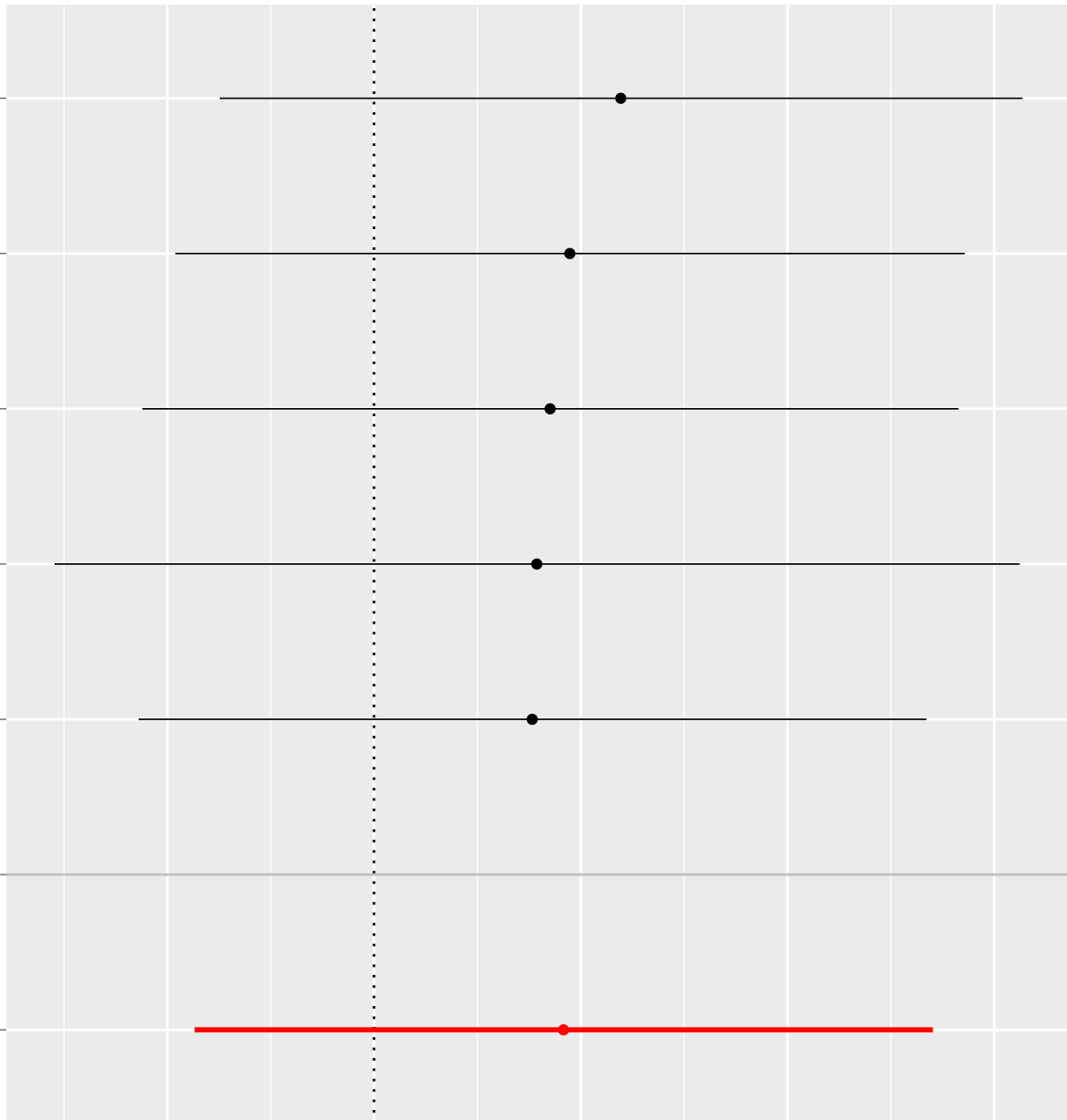
0.0

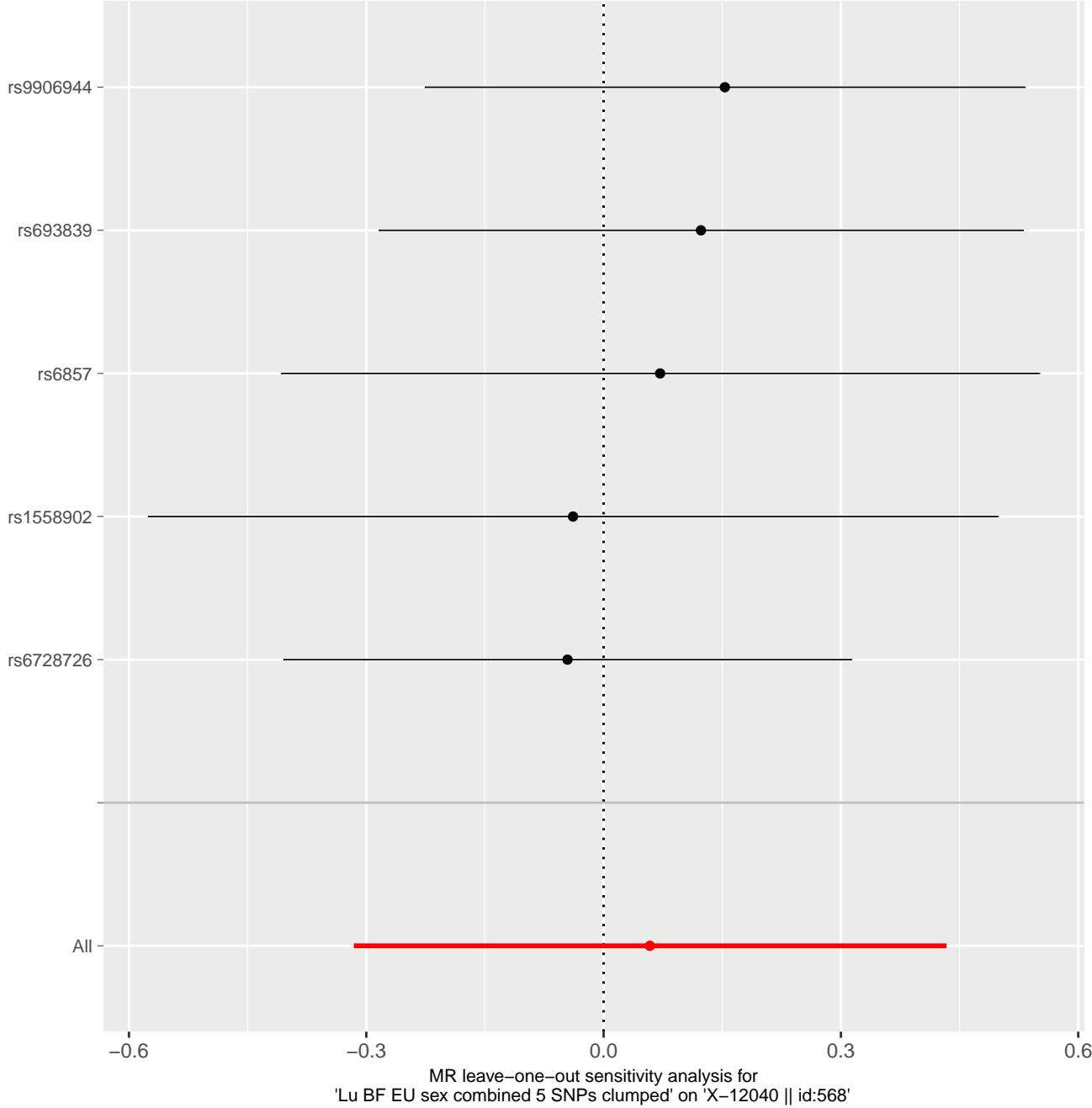
0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12039 || id:567'





rs1558902

rs6857

rs9906944

rs693839

rs6728726

All

-0.2

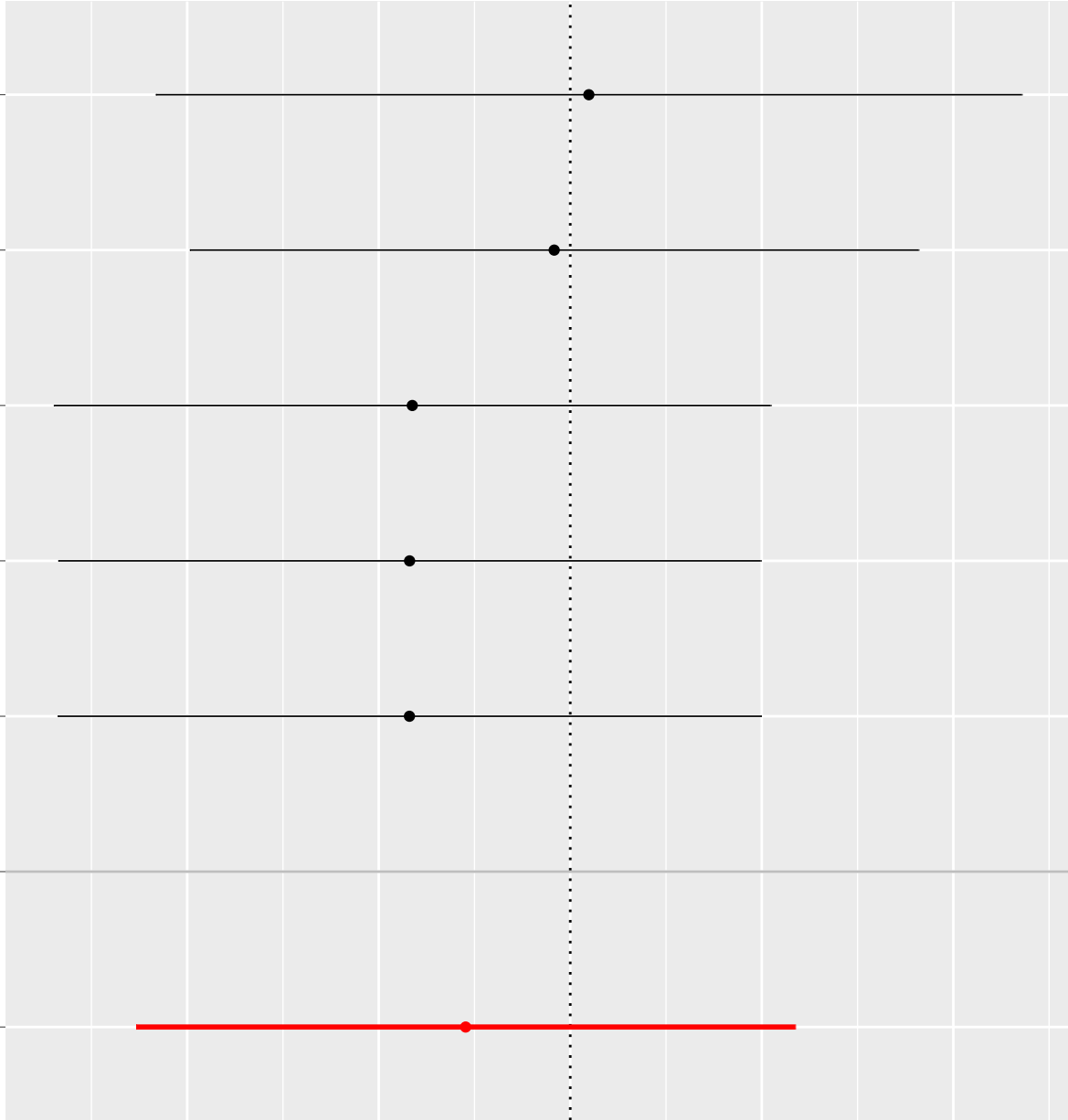
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12056 || id:569'



rs693839

rs9906944

rs6857

rs6728726

rs1558902

All

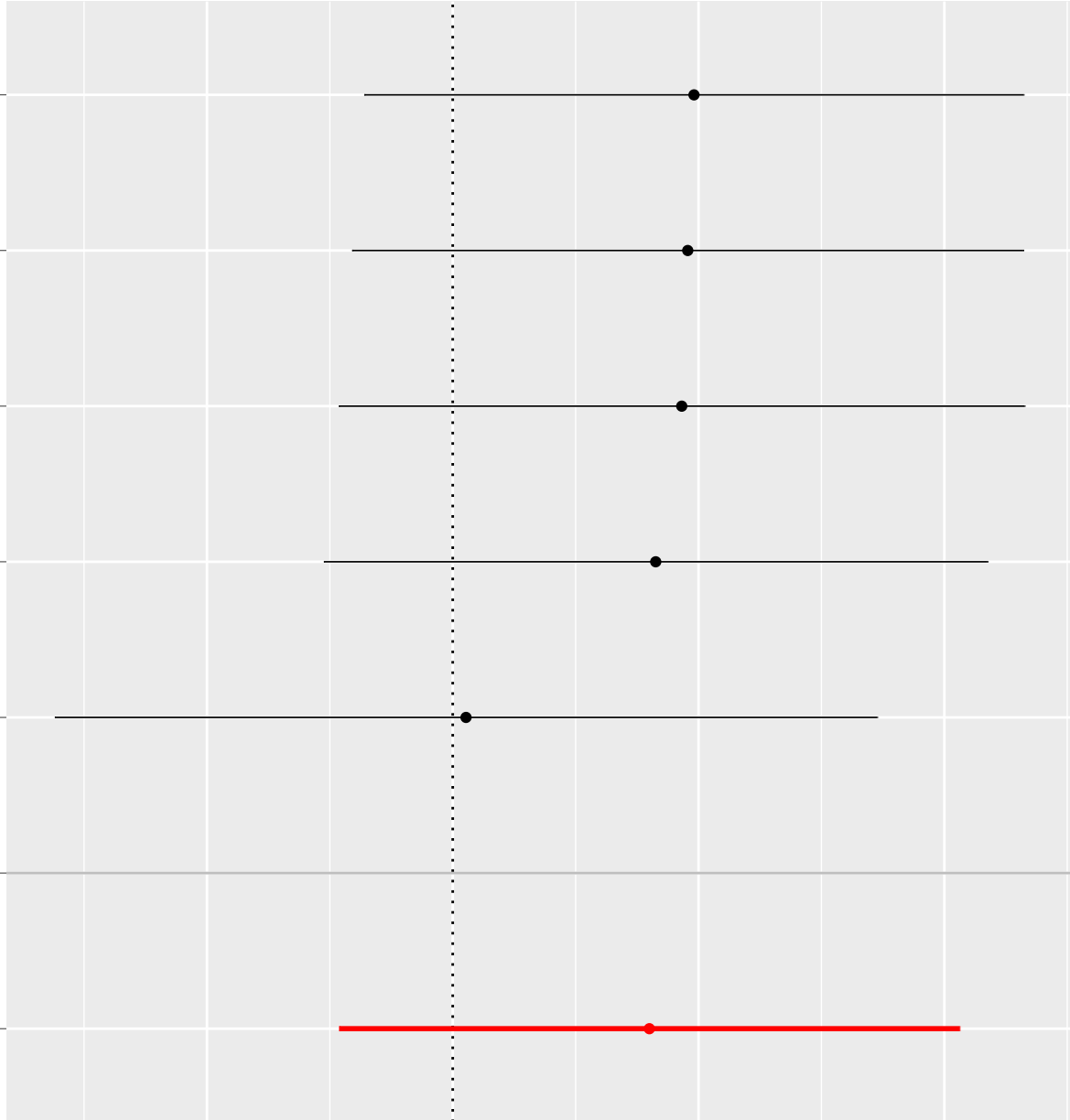
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12063 || id:570'



rs6728726

rs693839

rs6857

rs9906944

rs1558902

All

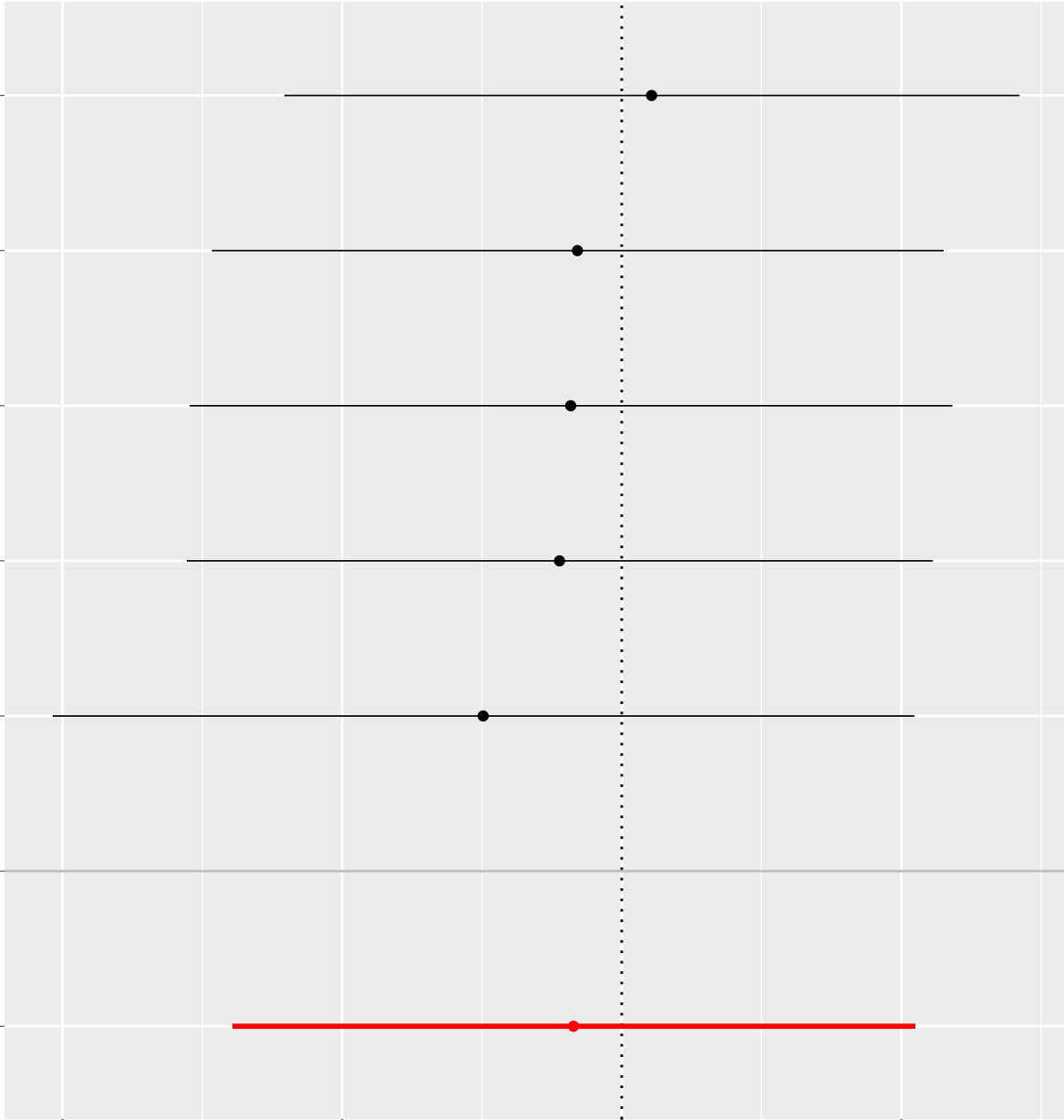
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-tocopherol || id:571'



rs693839

rs9906944

rs6857

rs6728726

rs1558902

All

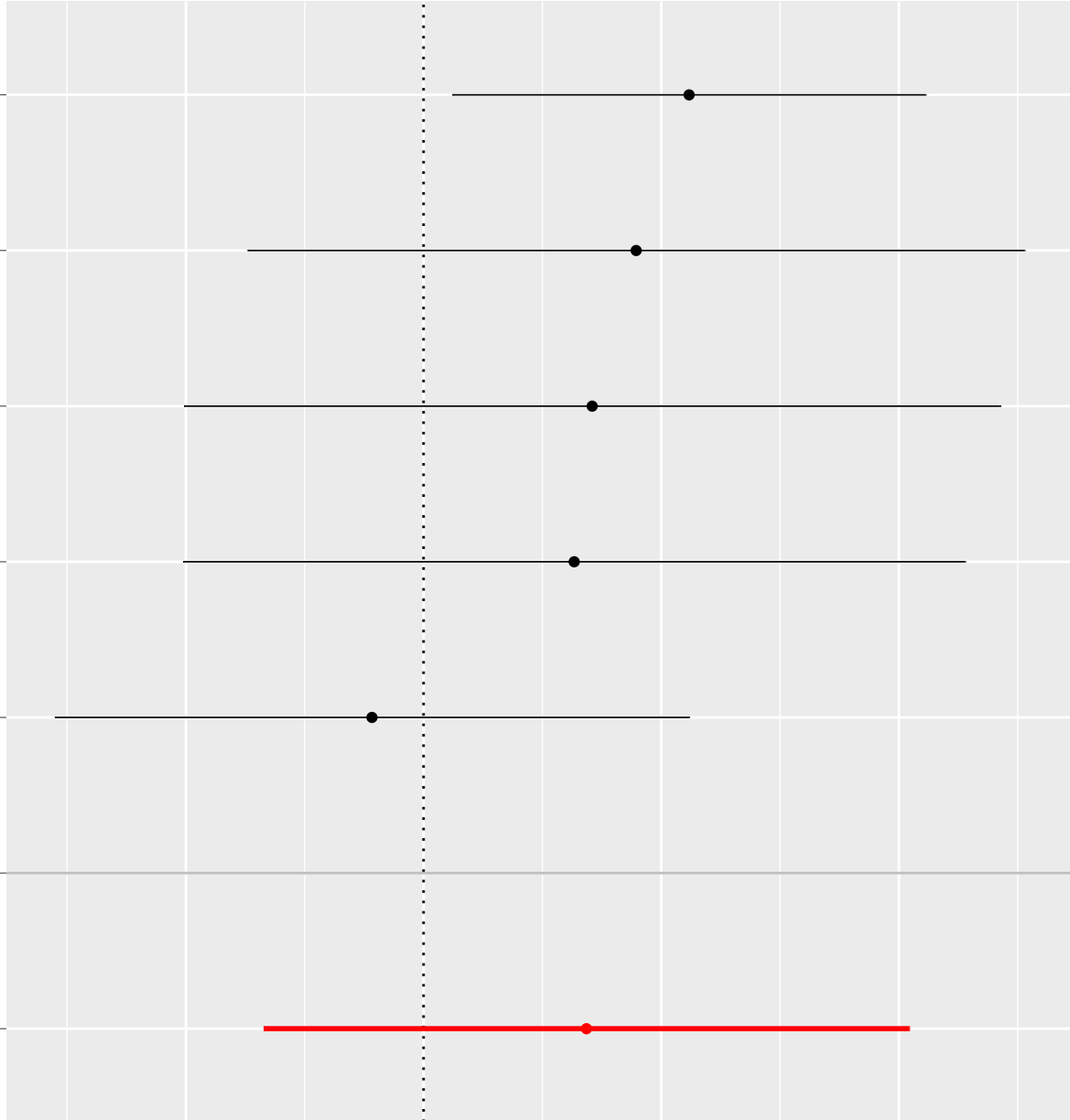
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylphenylalanine || id:572'



rs1558902

rs693839

rs6857

rs6728726

rs9906944

All

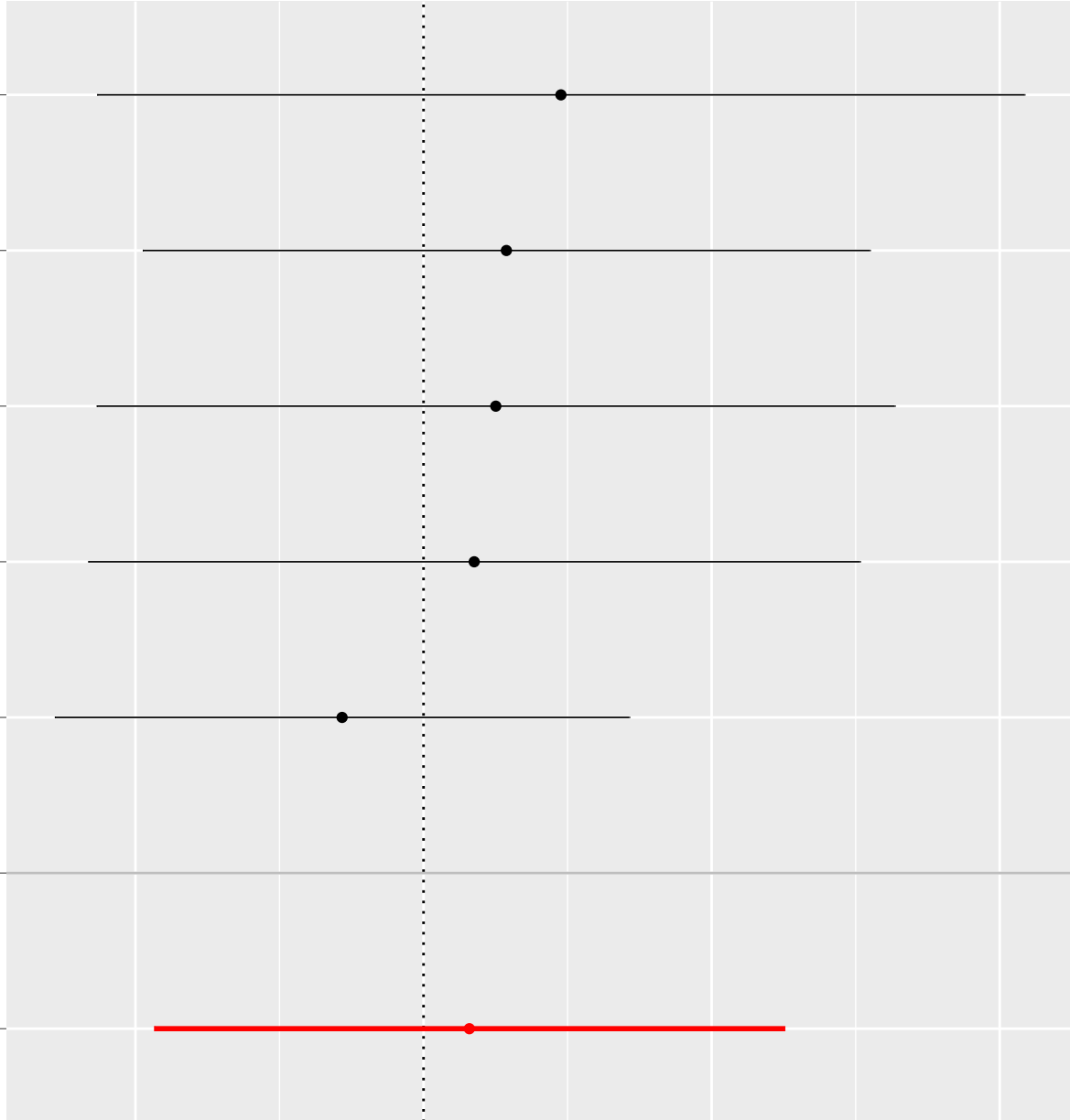
-0.1

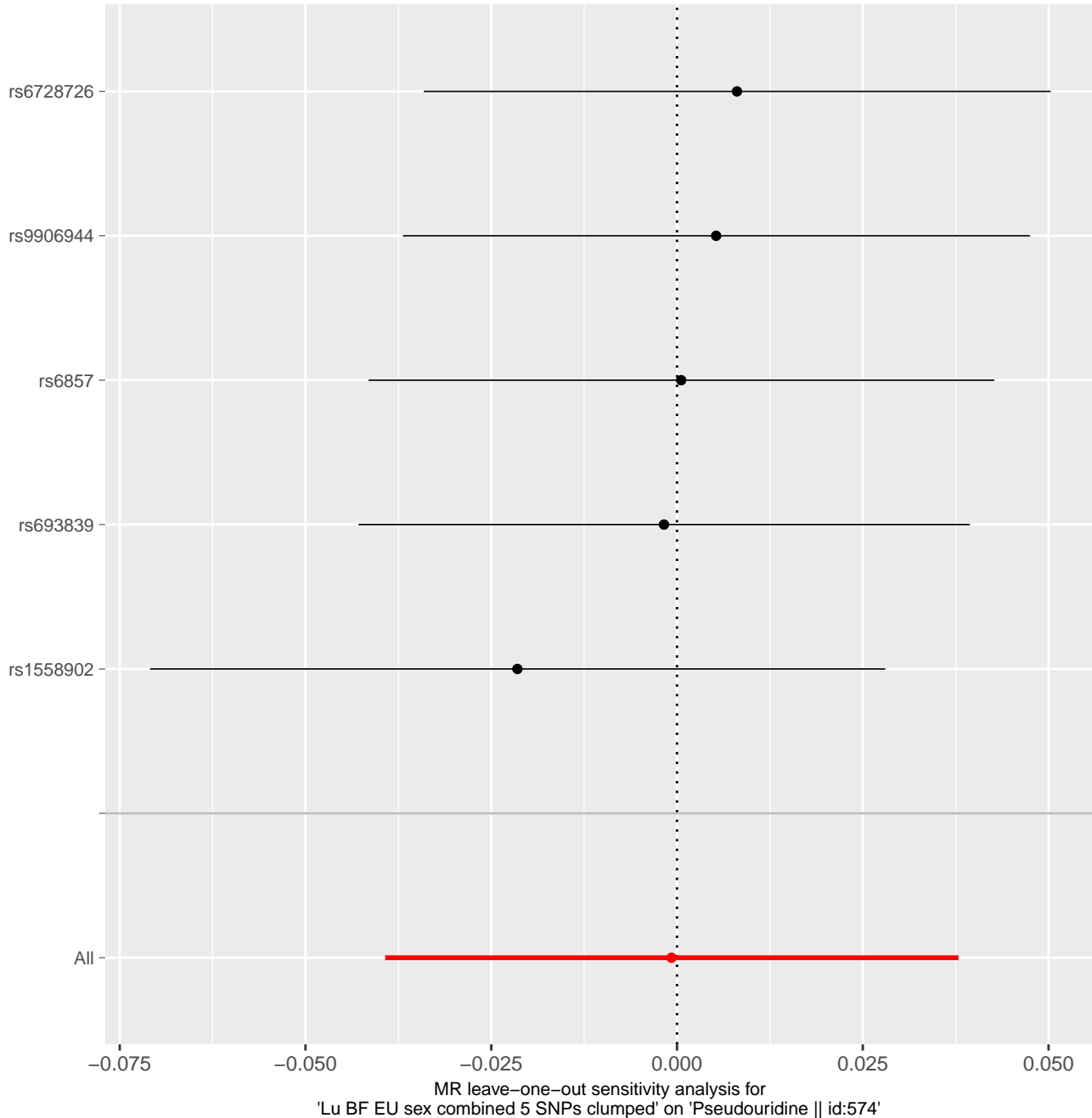
0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Isobutyrylcarnitine || id:573'







rs1558902

rs6857

rs693839

rs9906944

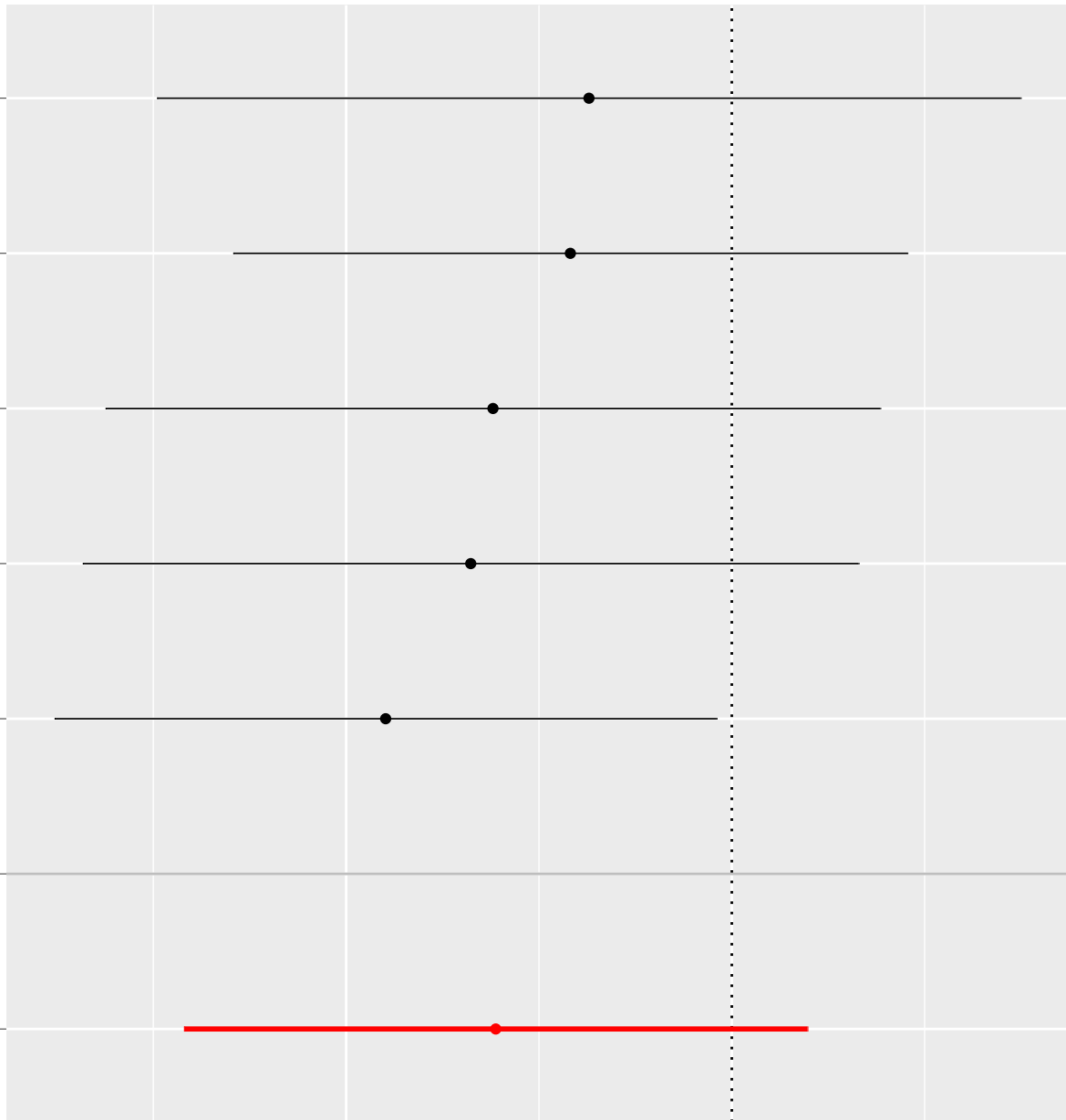
rs6728726

All

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Valerate || id:575'



rs1558902

rs6857

rs9906944

rs693839

rs6728726

All

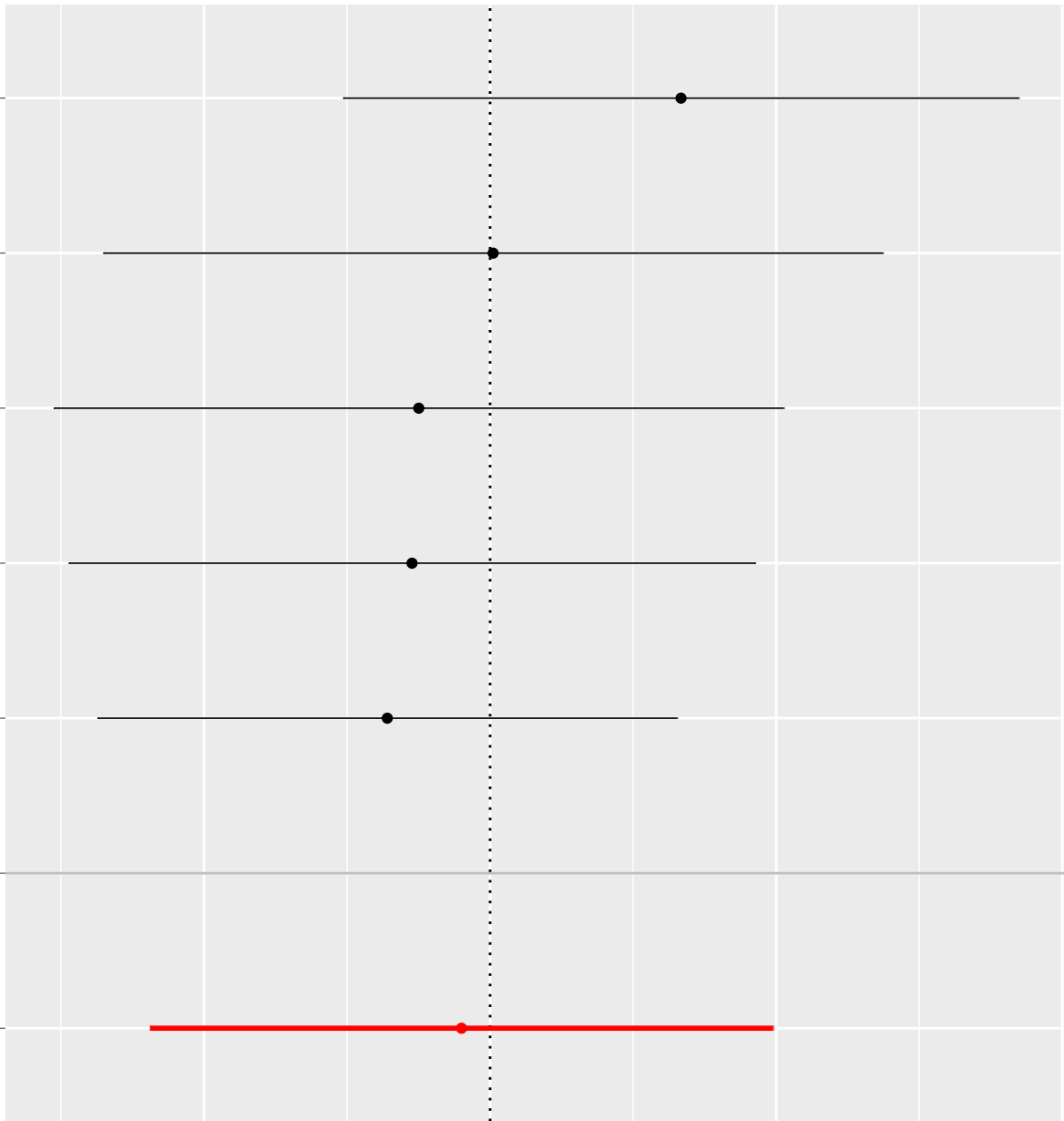
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Palmitoleate (16:1n7) || id:576'



rs6728726

rs9906944

rs693839

rs6857

rs1558902

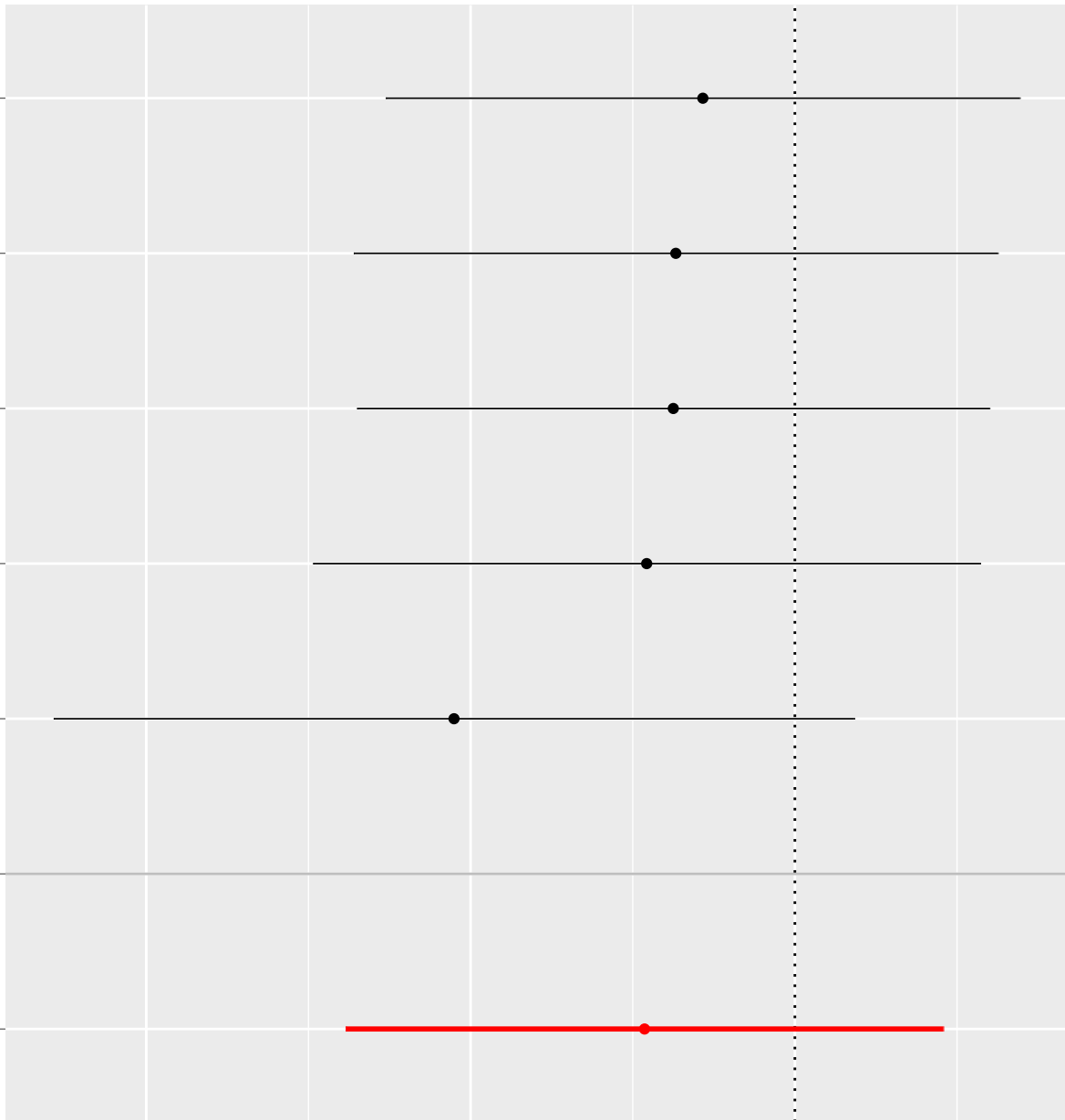
All

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Alpha-ketoglutarate || id:577'



rs1558902

rs9906944

rs6728726

rs6857

rs693839

All

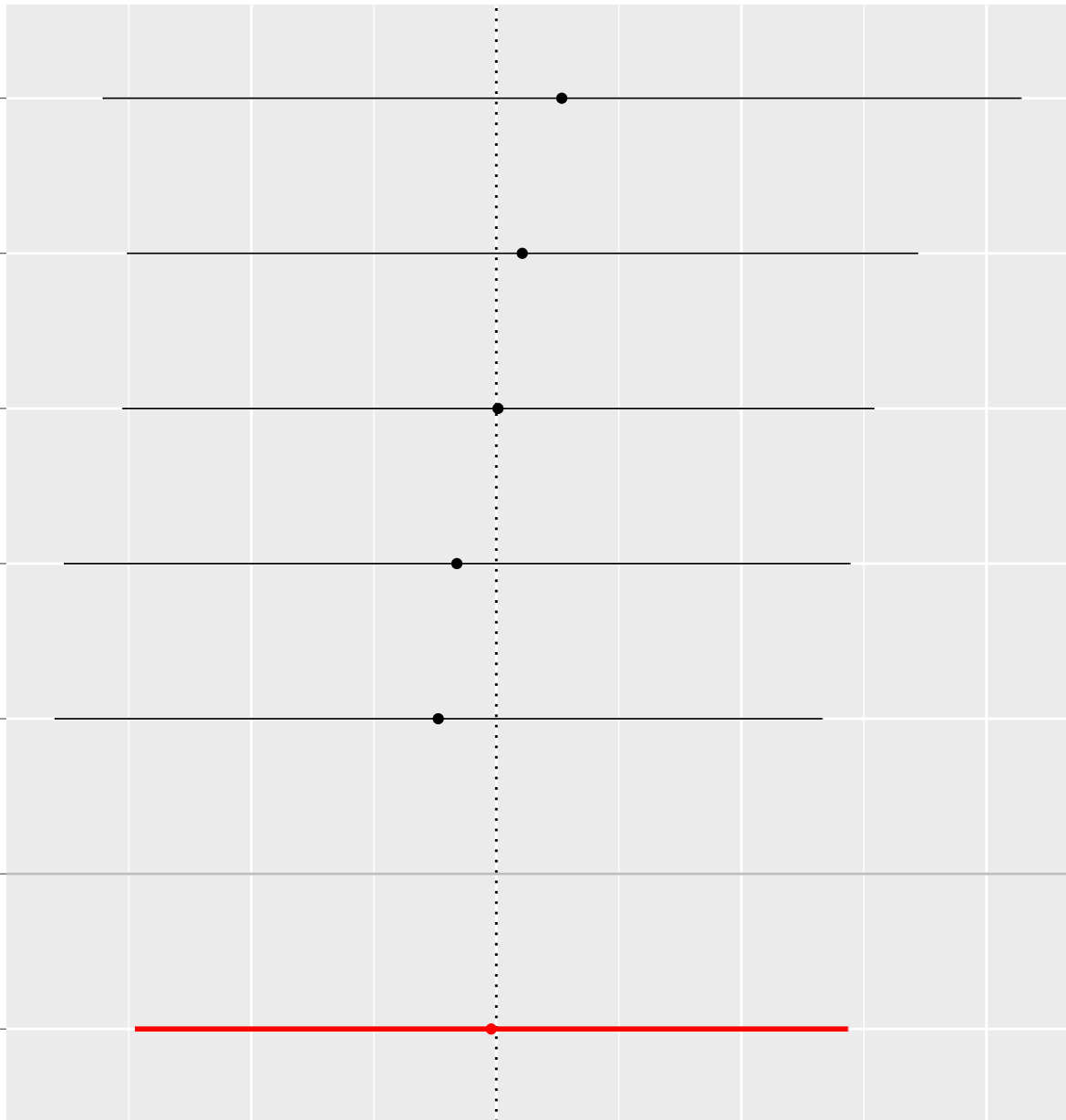
-0.03

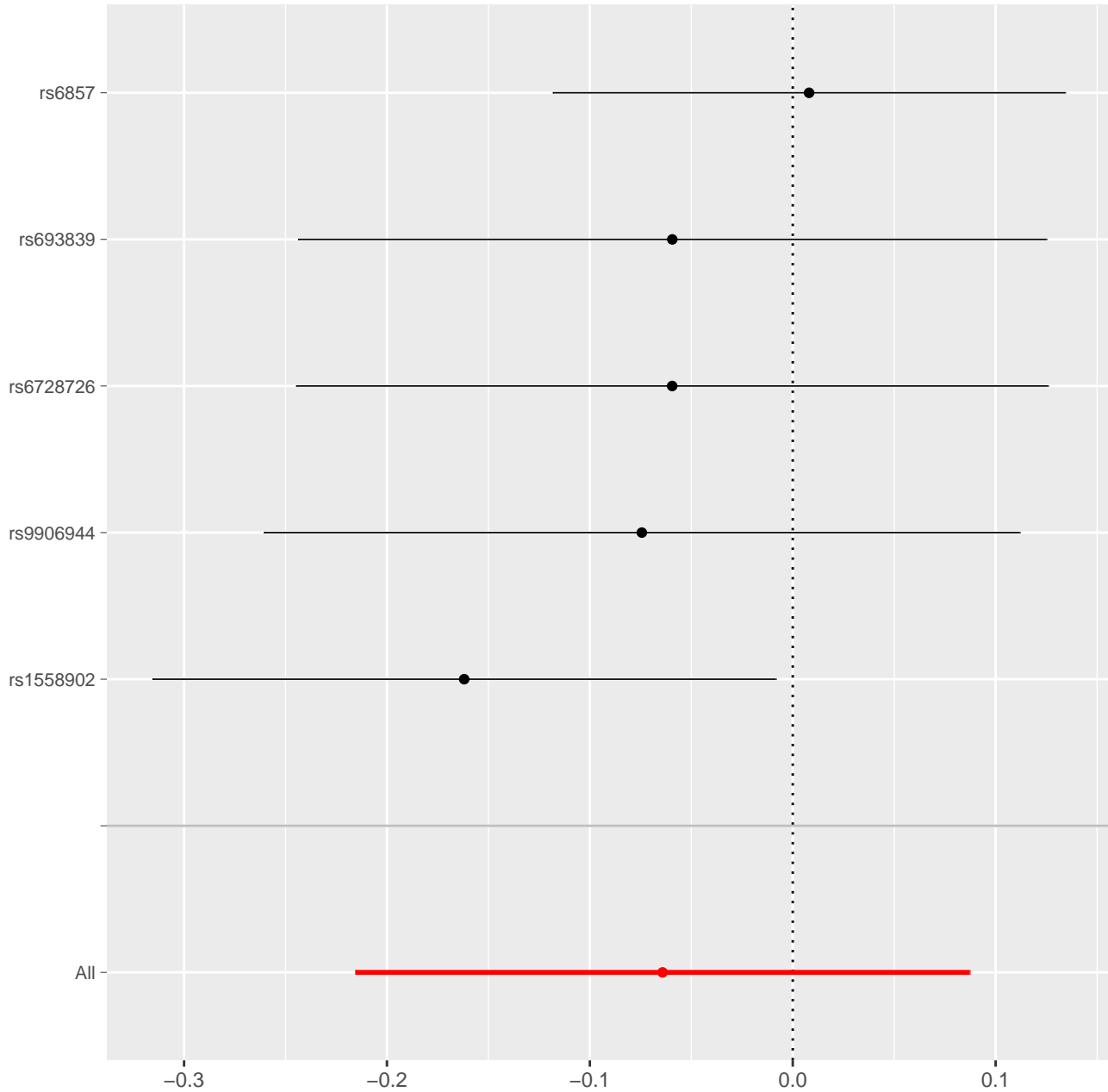
0.00

0.03

0.06

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Erythrone\* || id:578'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Lathosterol || id:579'

rs6857

rs9906944

rs1558902

rs693839

rs6728726

All

-0.2

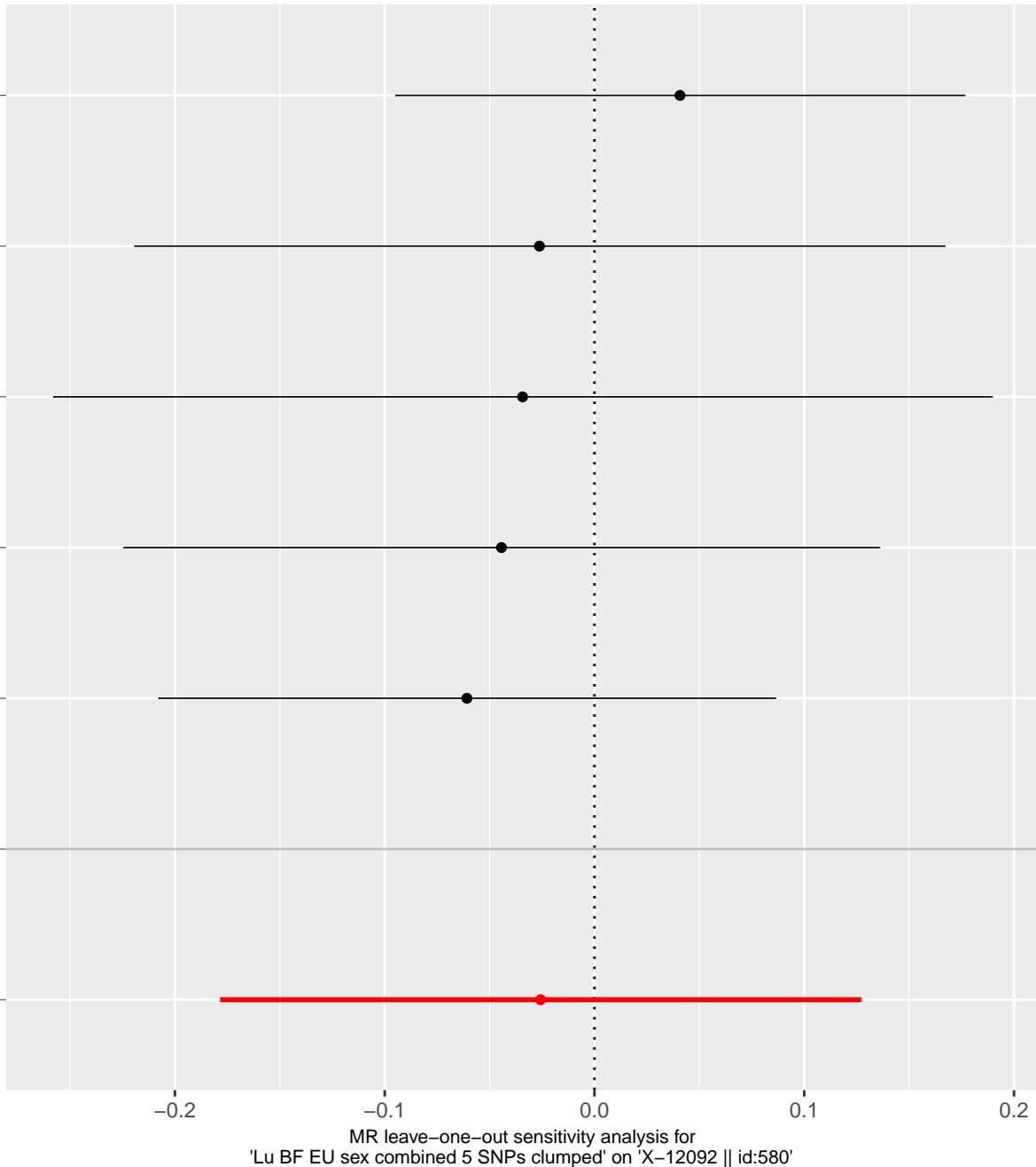
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12092 || id:580'



rs1558902

rs9906944

rs6728726

rs693839

rs6857

All

-0.1

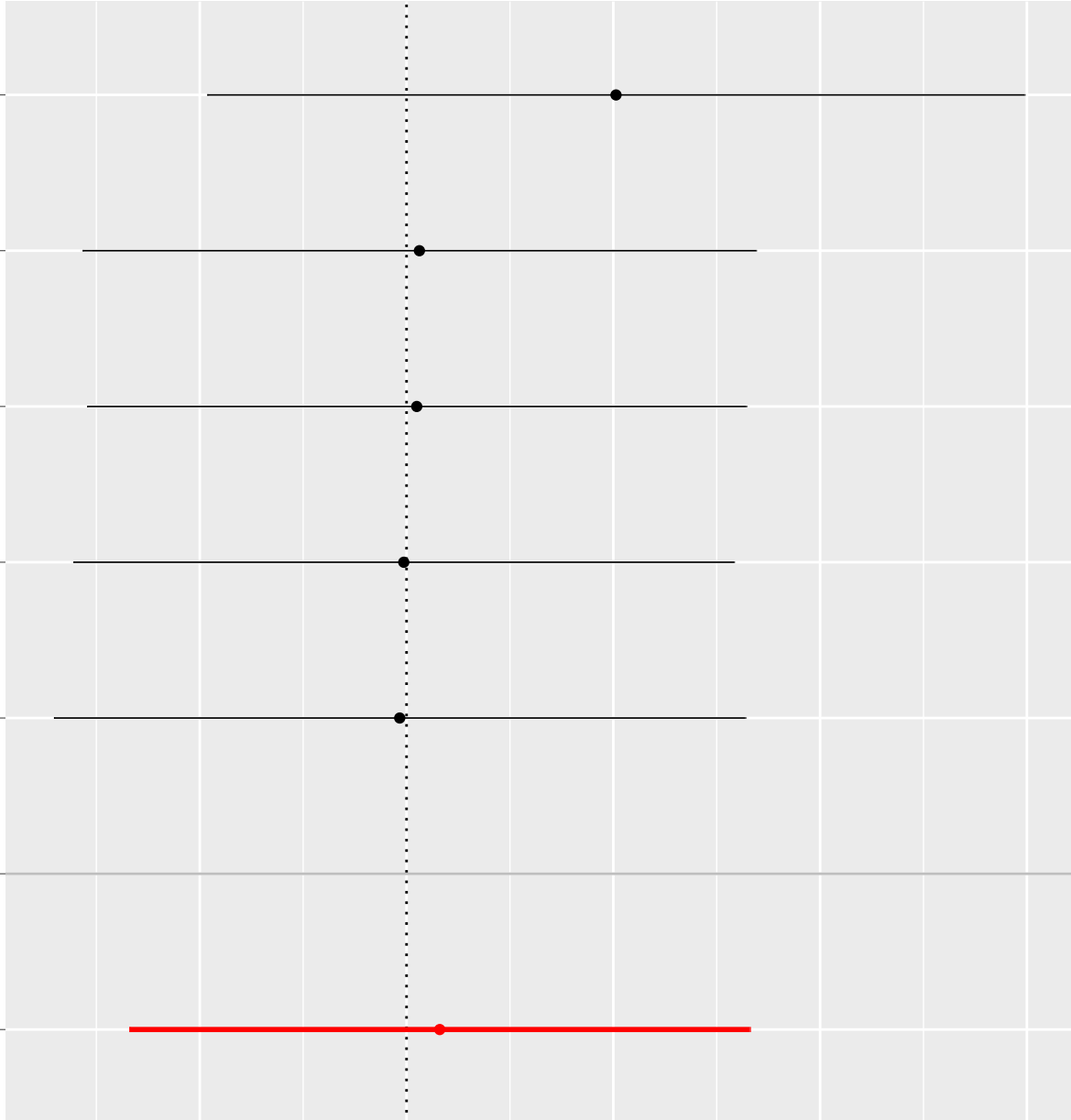
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12093 || id:581'



rs1558902

rs6728726

rs693839

rs6857

rs9906944

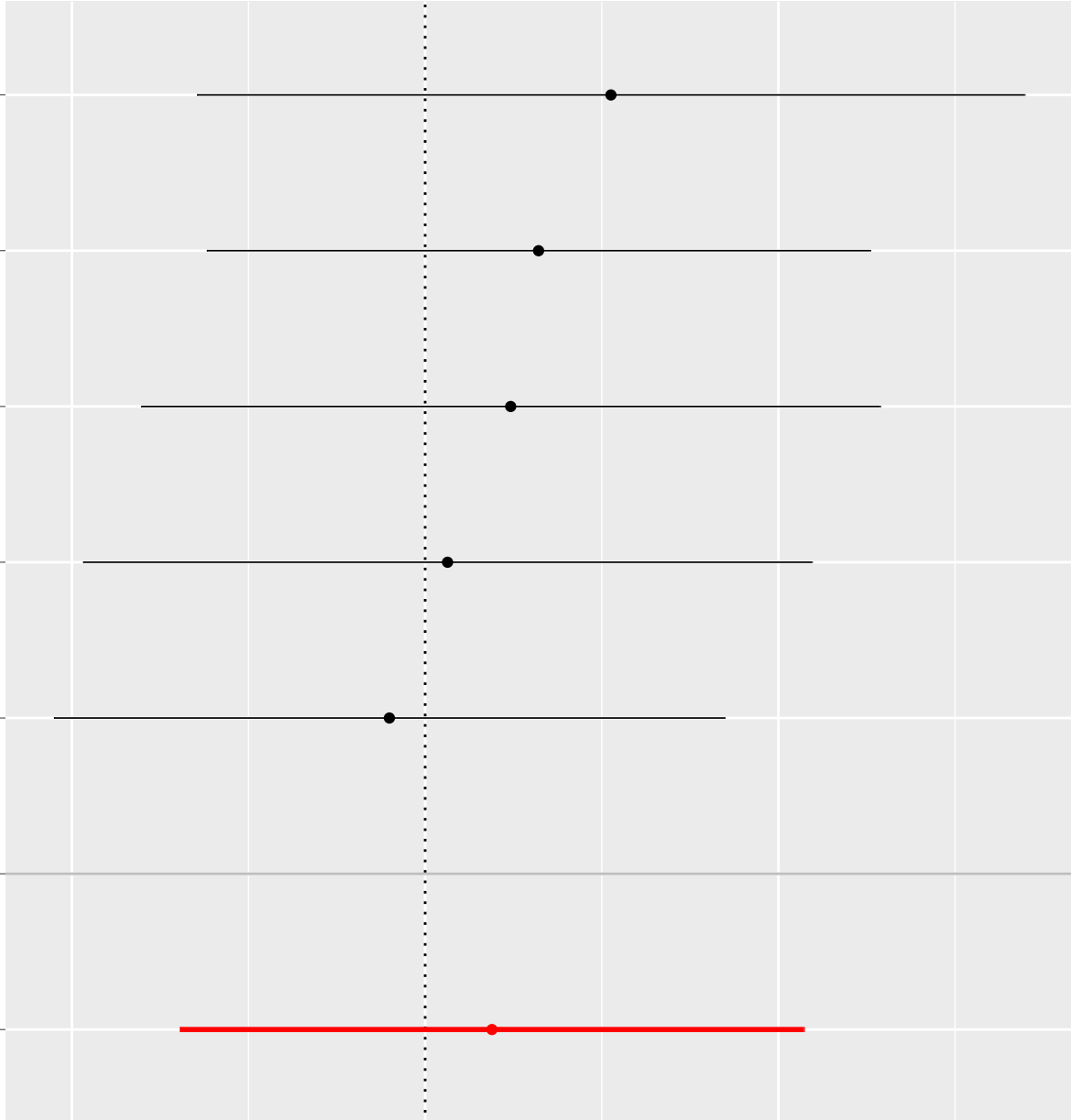
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12094 || id:582'





rs1558902

rs6728726

rs693839

rs9906944

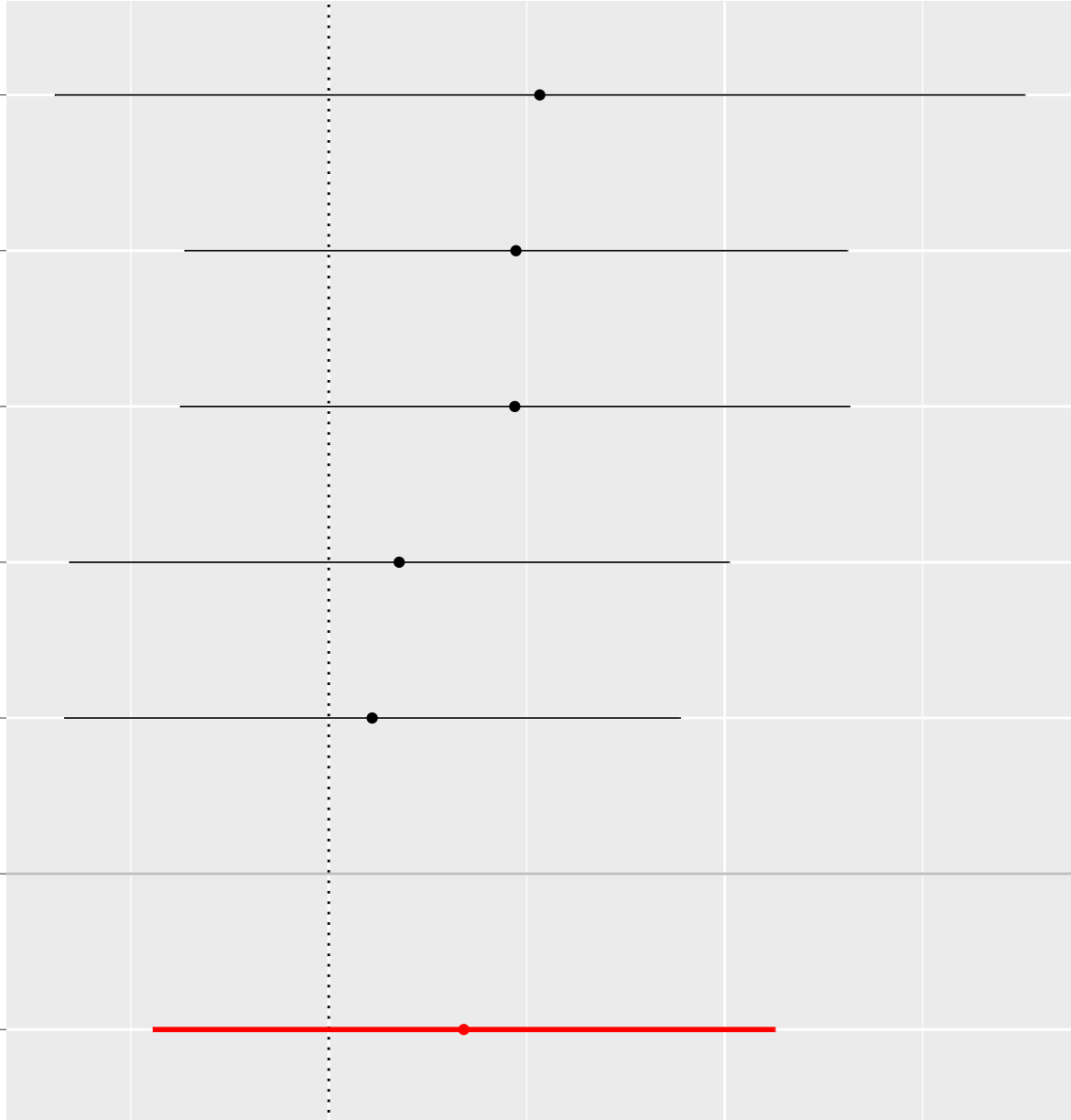
rs6857

All

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12095--N1-methyl-3-pyridone-4-carboxamide || id:583'



rs6728726

rs1558902

rs693839

rs6857

rs9906944

All

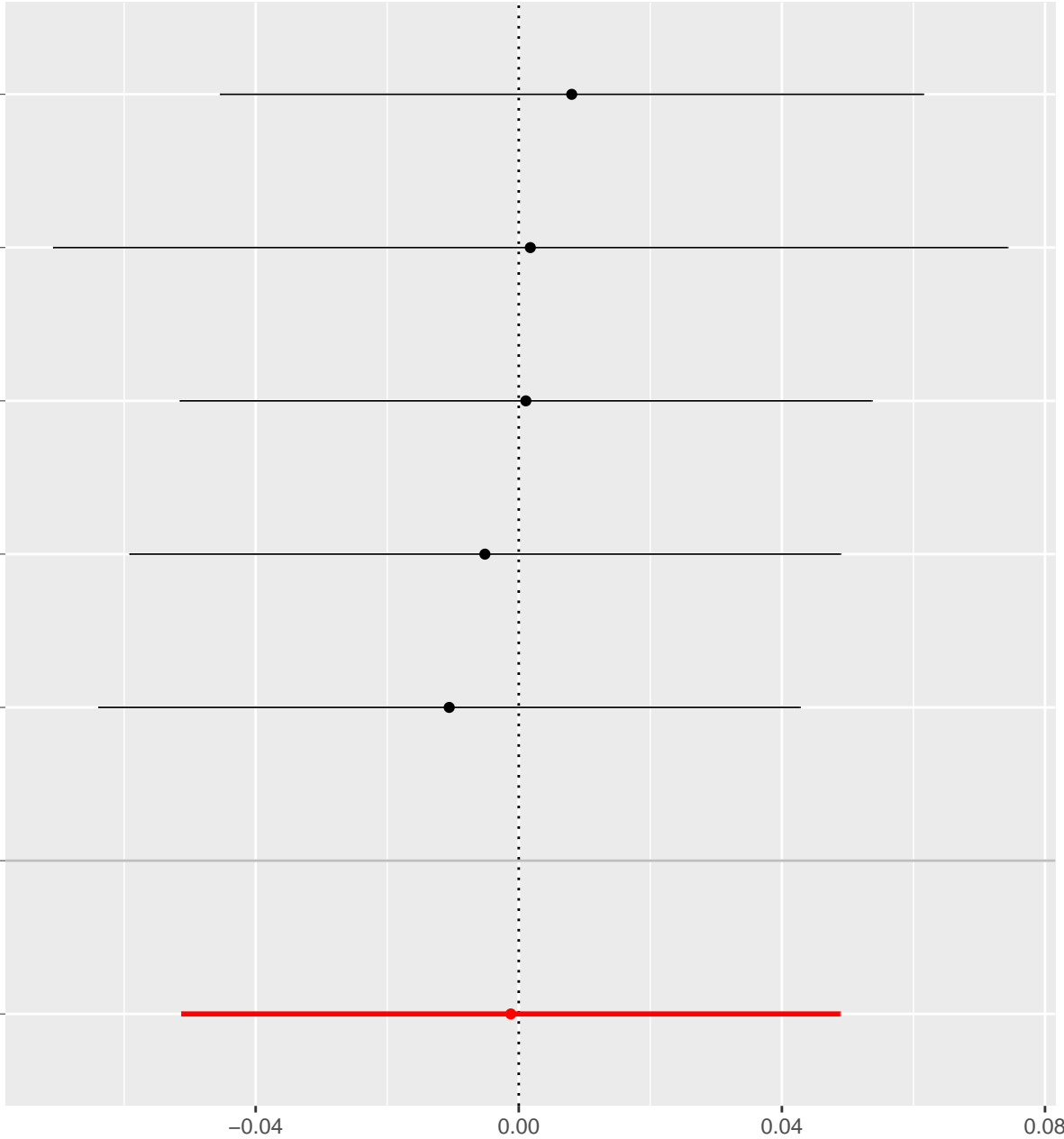
-0.04

0.00

0.04

0.08

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12100--hydroxytryptophan\* || id:584'



rs6857

rs9906944

rs1558902

rs693839

rs6728726

All

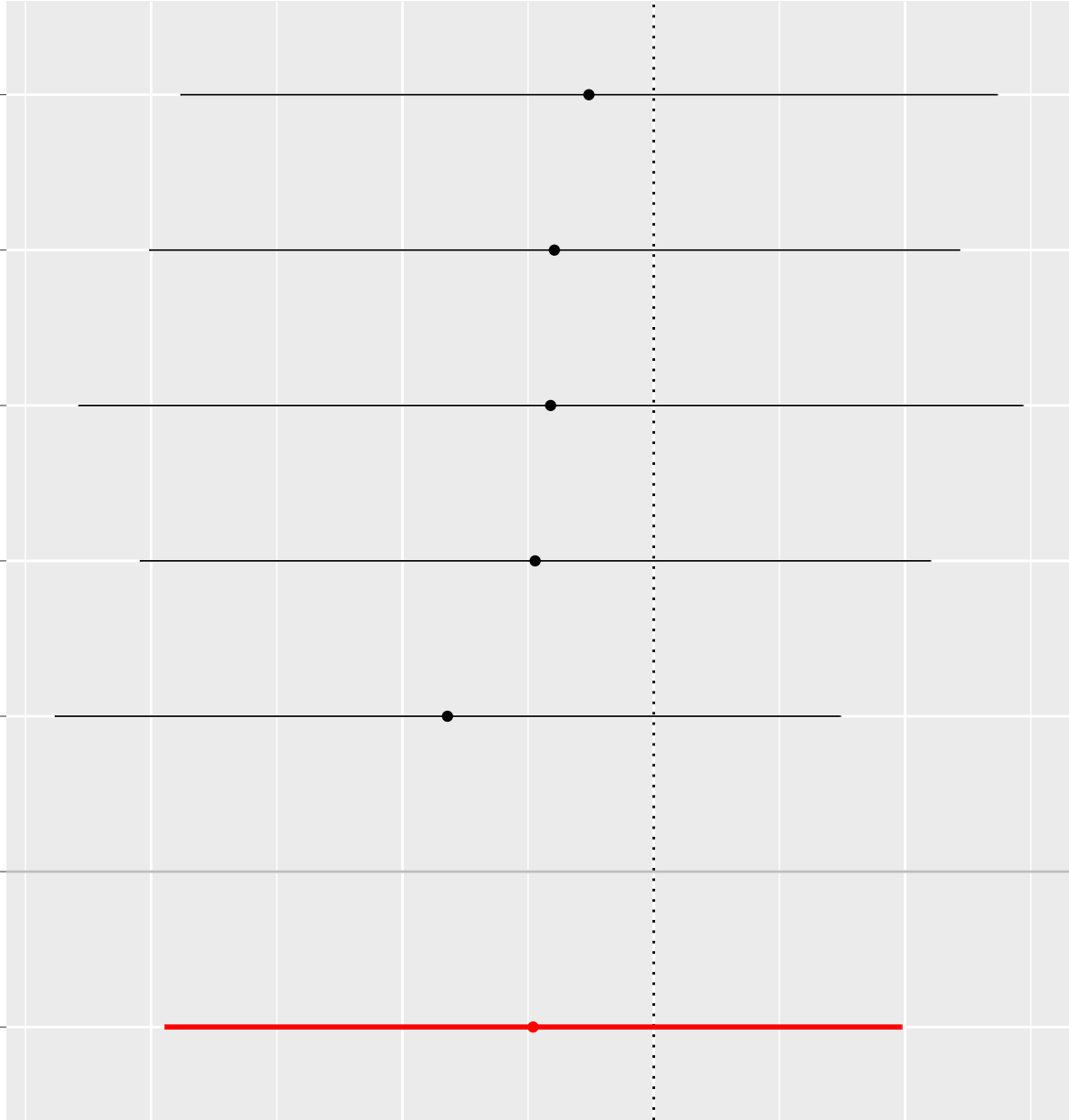
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12116 || id:585'



rs1558902

rs6857

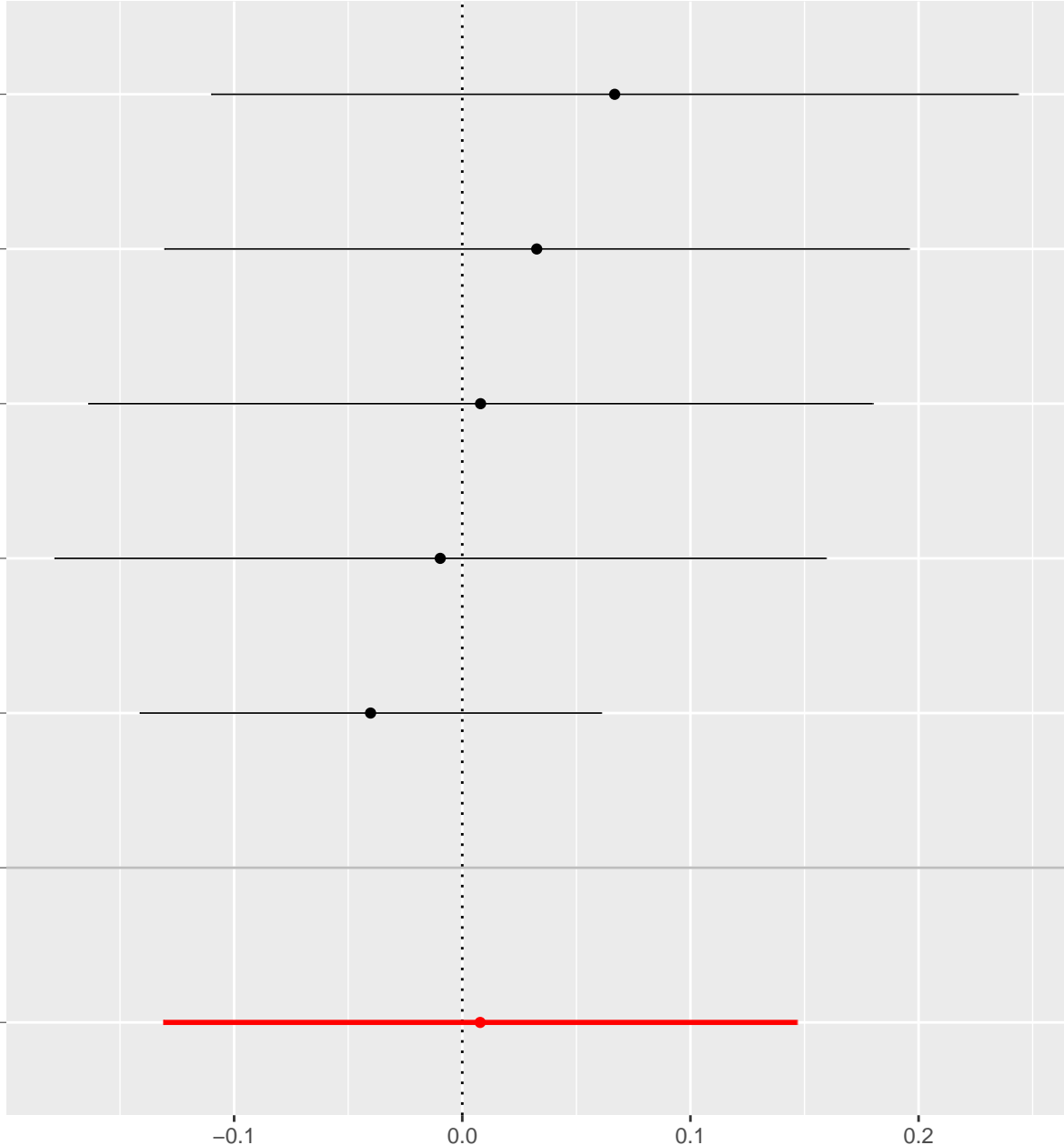
rs693839

rs9906944

rs6728726

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Eicosenoate (20:1n9 or 11) || id:586'



rs693839

rs6857

rs6728726

rs9906944

rs1558902

All

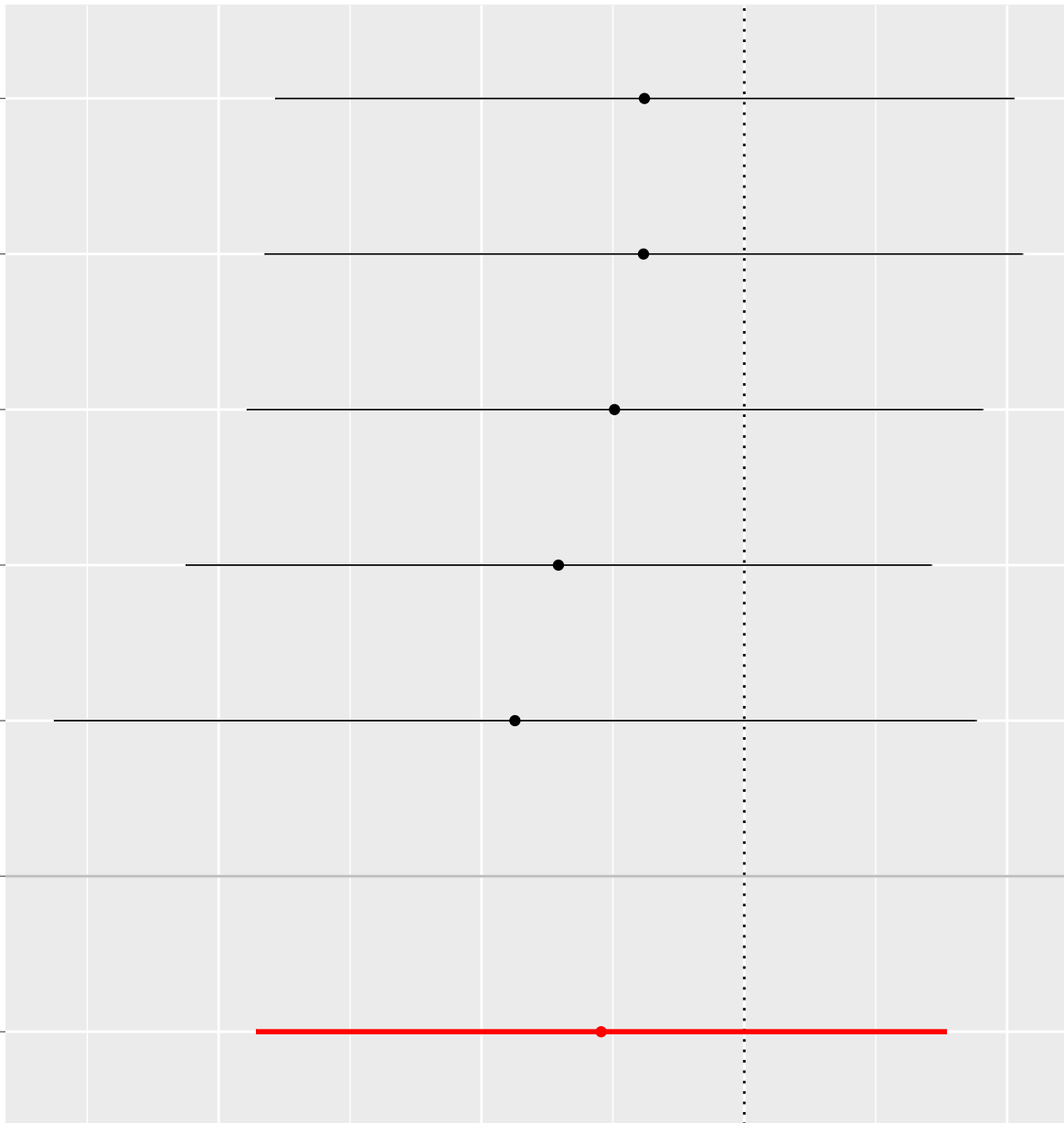
-0.4

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12188 || id:587'



rs1558902

rs6728726

rs693839

rs9906944

rs6857

All

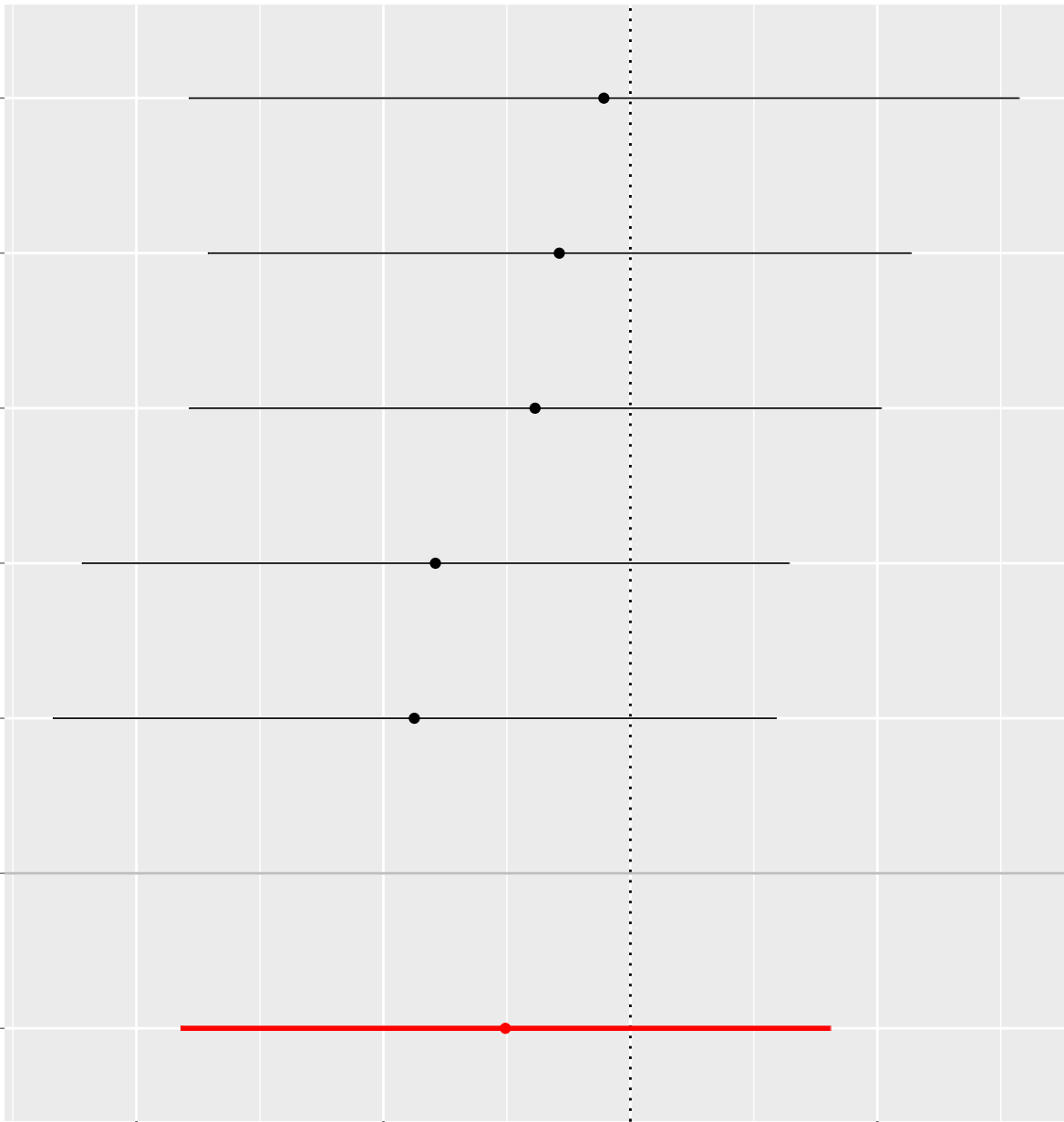
-0.4

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12189 || id:588'



rs6728726

rs693839

rs1558902

rs9906944

rs6857

All

-0.1

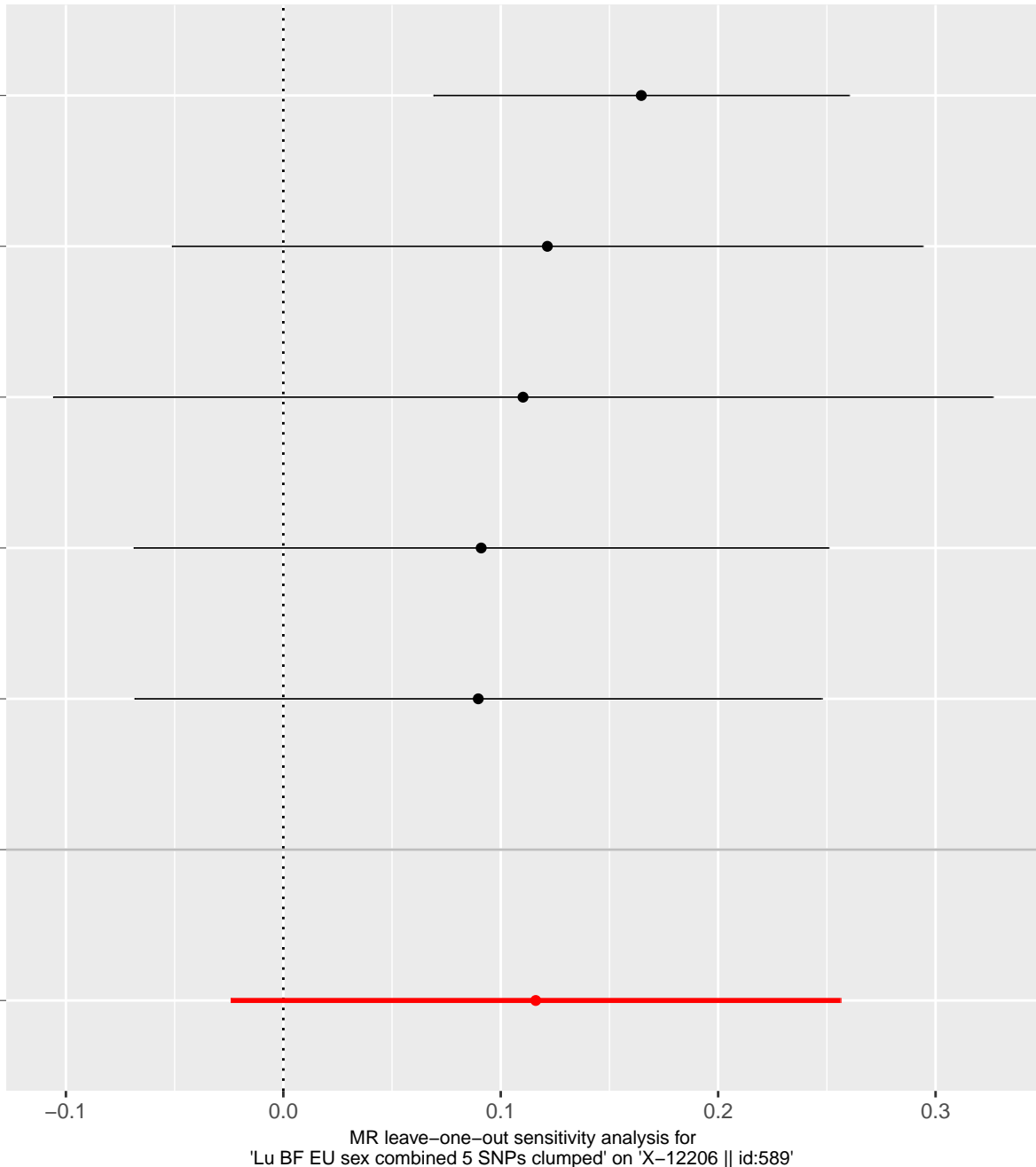
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12206 || id:589'



rs9906944

rs1558902

rs6857

rs693839

rs6728726

All

-0.4

-0.3

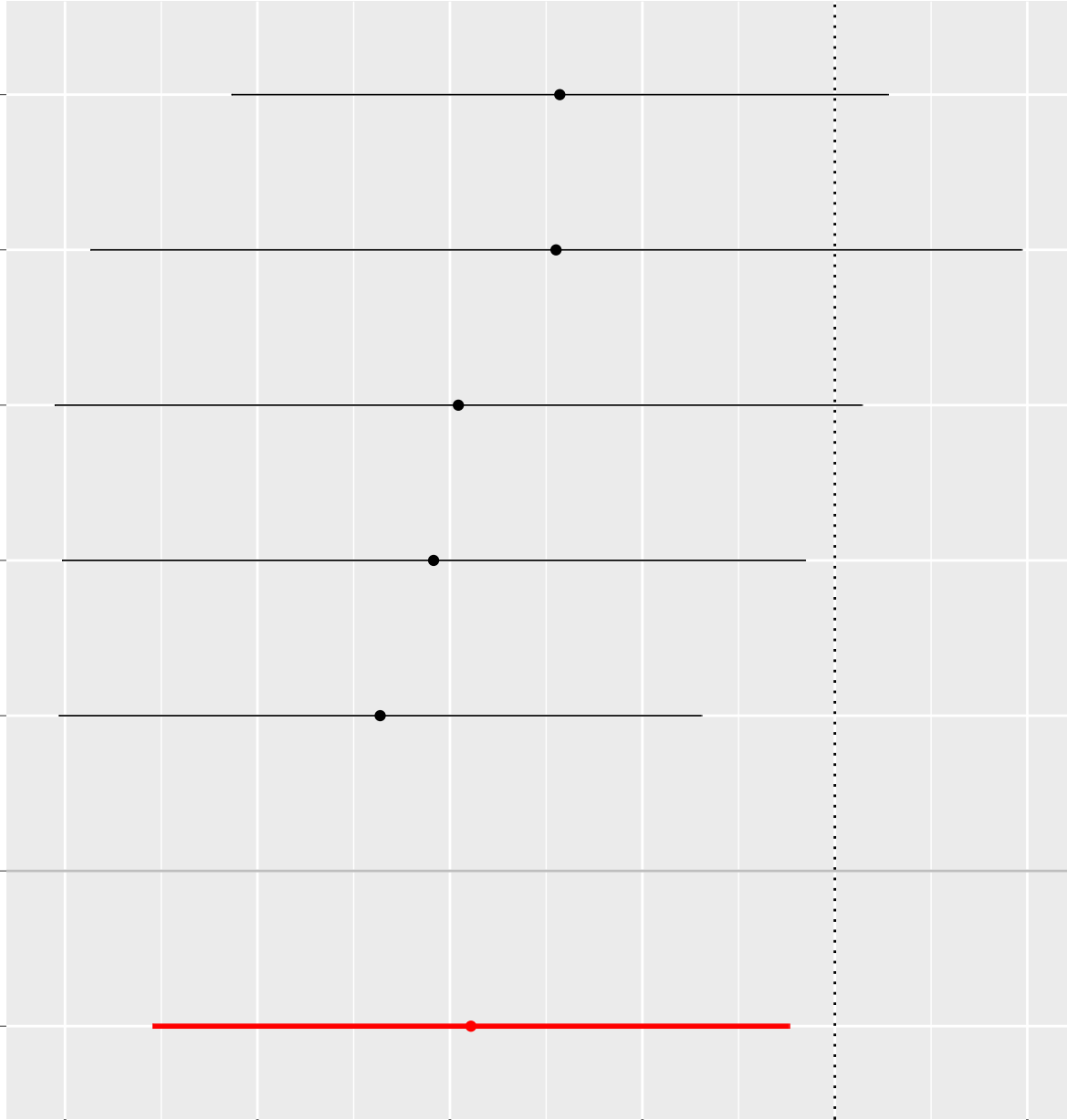
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12212 || id:590'





rs6728726

rs6857

rs9906944

rs693839

rs1558902

All

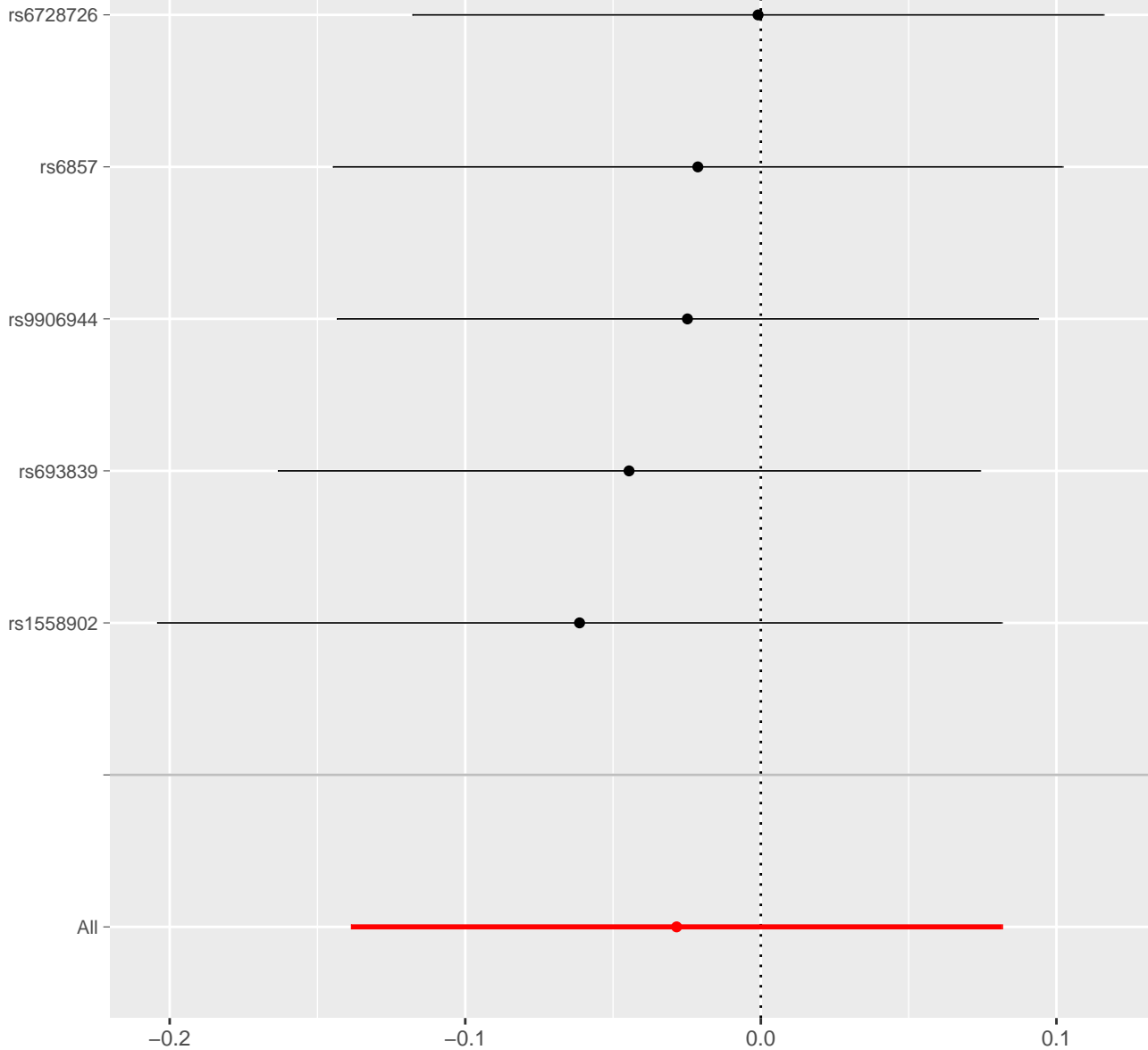
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12216 || id:591'



rs693839

rs9906944

rs1558902

rs6728726

rs6857

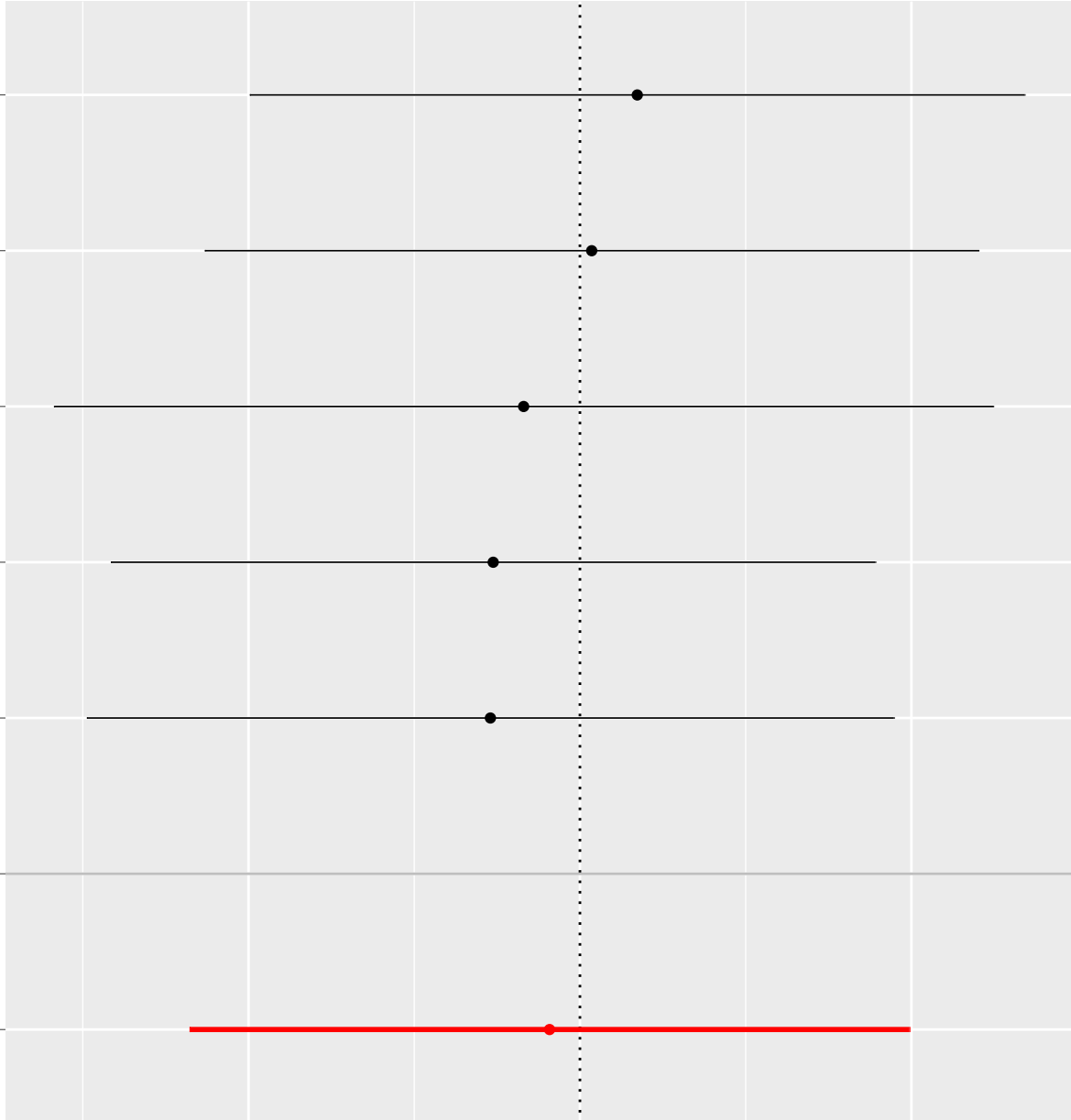
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12217 || id:592'



rs1558902

rs9906944

rs6728726

rs693839

rs6857

All

-0.1

0.0

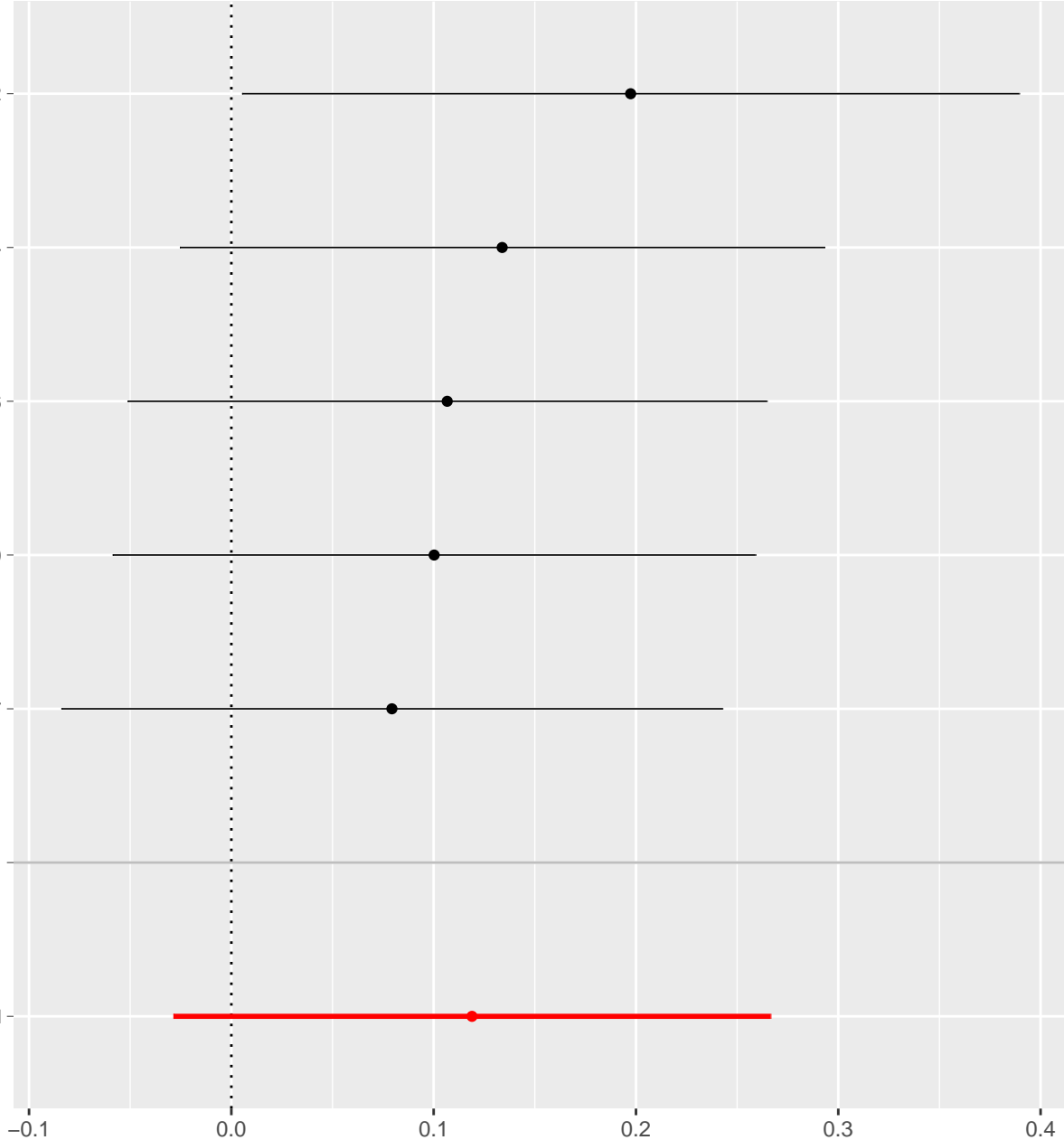
0.1

0.2

0.3

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12230 || id:593'



rs6728726

rs6857

rs693839

rs9906944

rs1558902

All

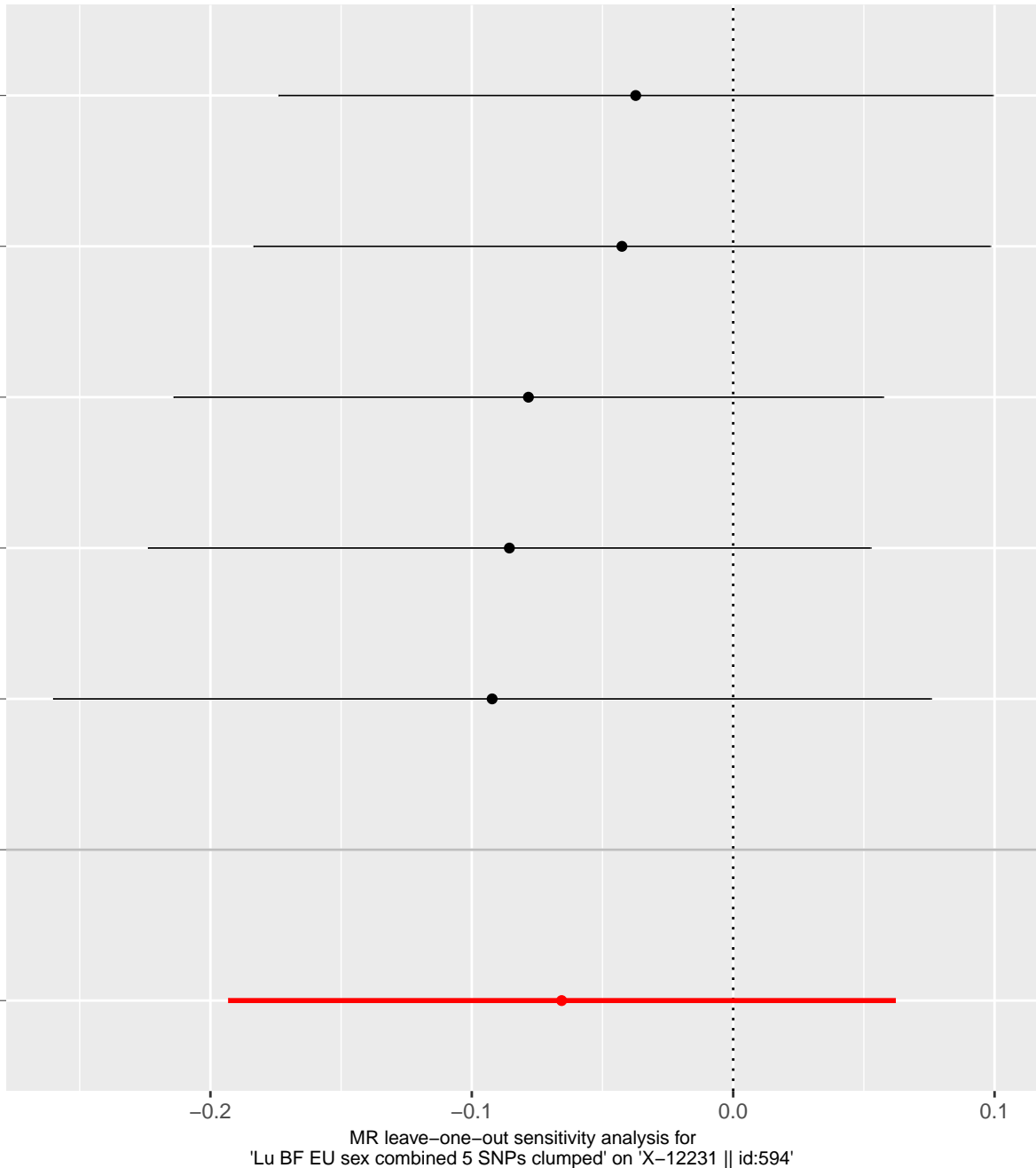
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12231 || id:594'



rs1558902

rs6728726

rs9906944

rs6857

rs693839

All

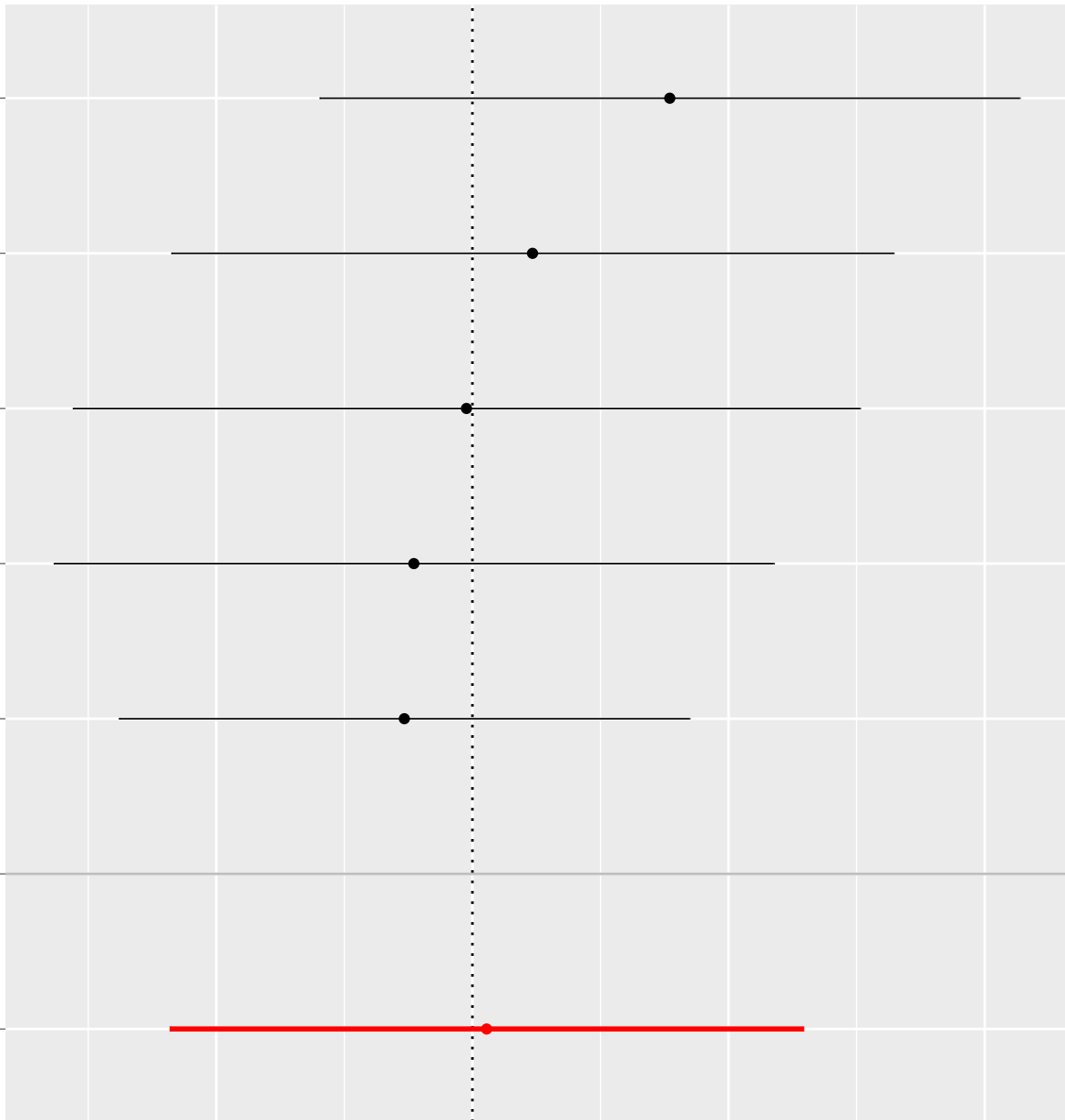
-0.2

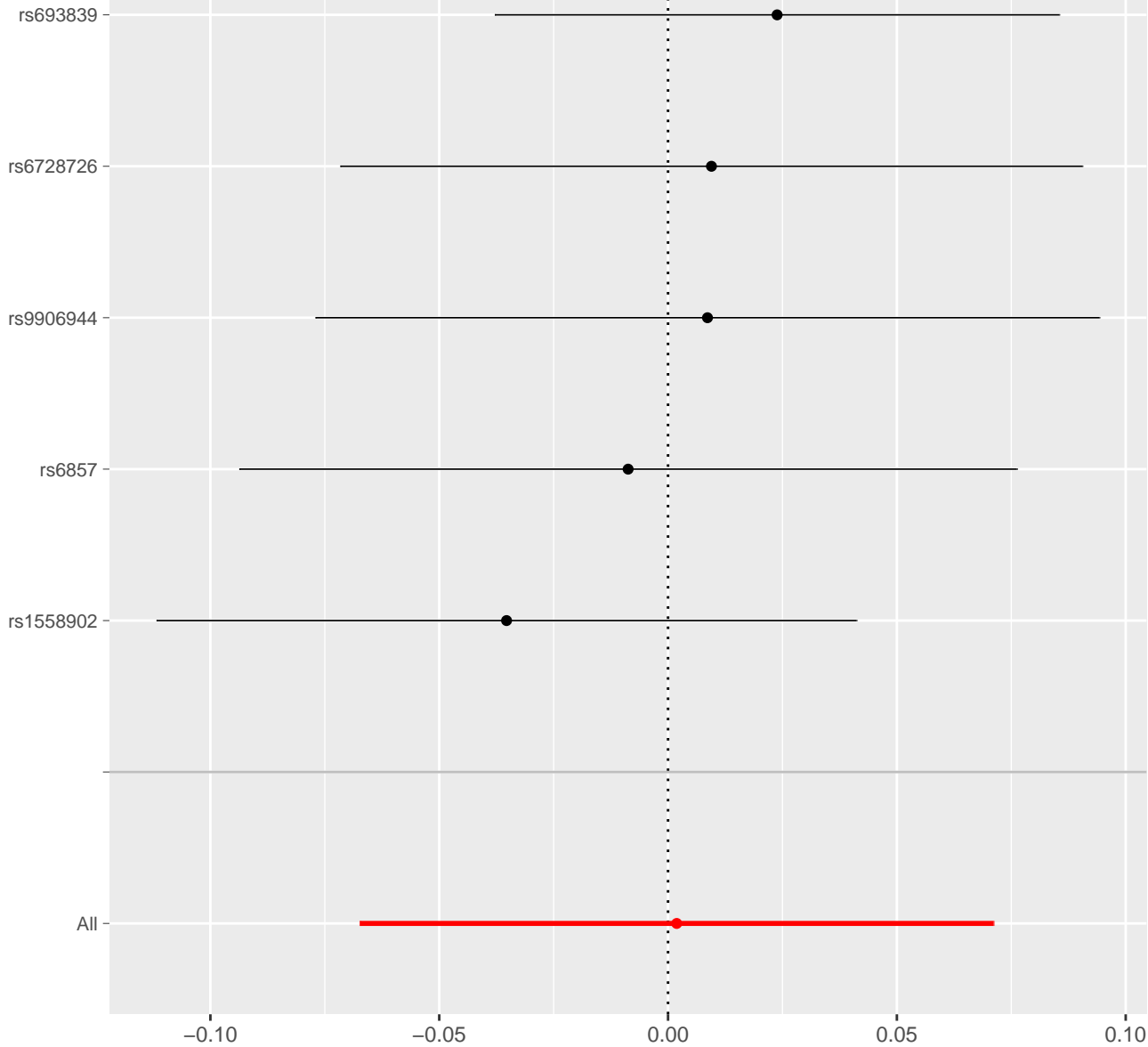
0.0

0.2

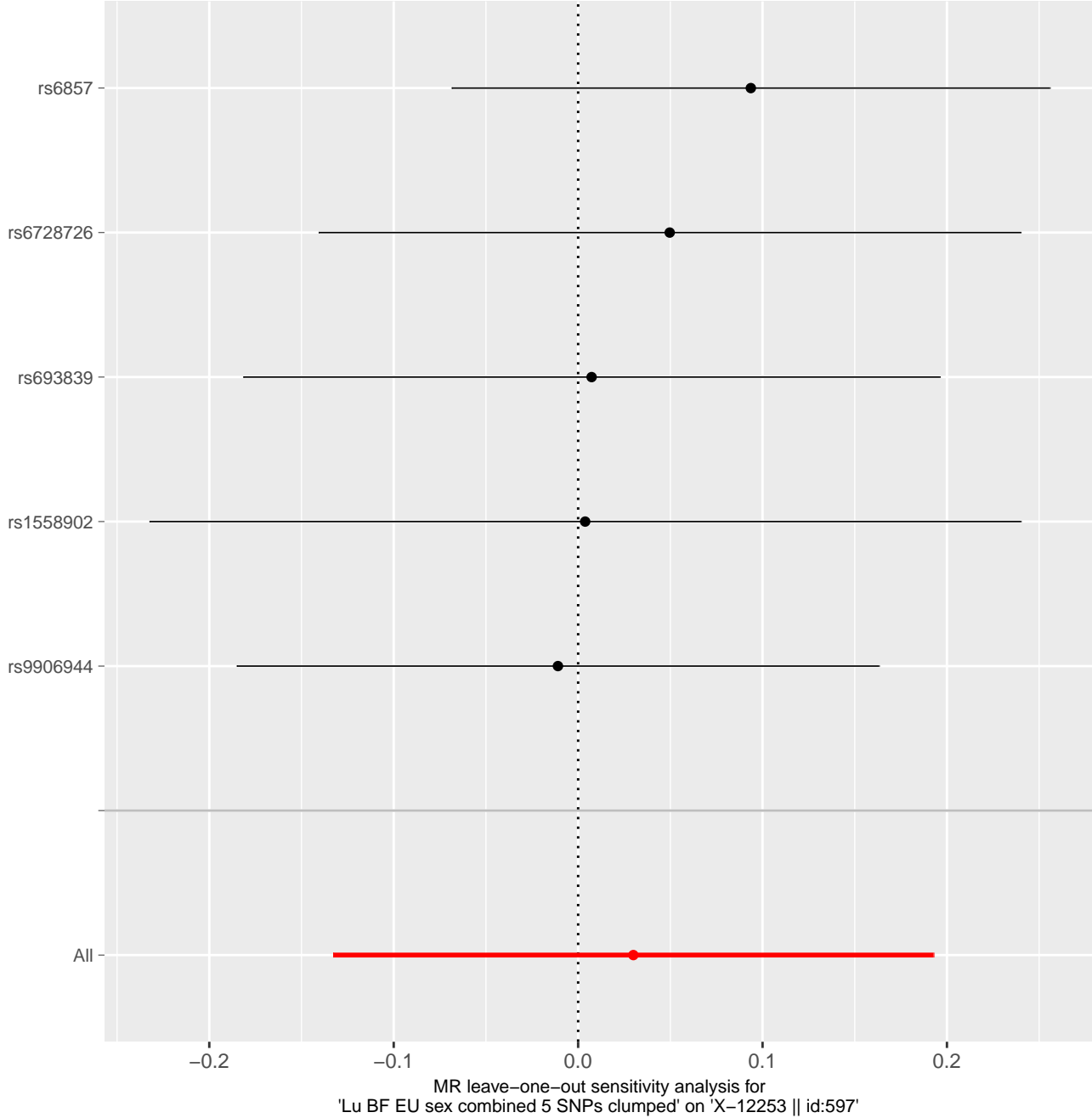
0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12236 || id:595'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12244—N-acetylcarnosine || id:596'



rs6728726

rs6857

rs693839

rs9906944

rs1558902

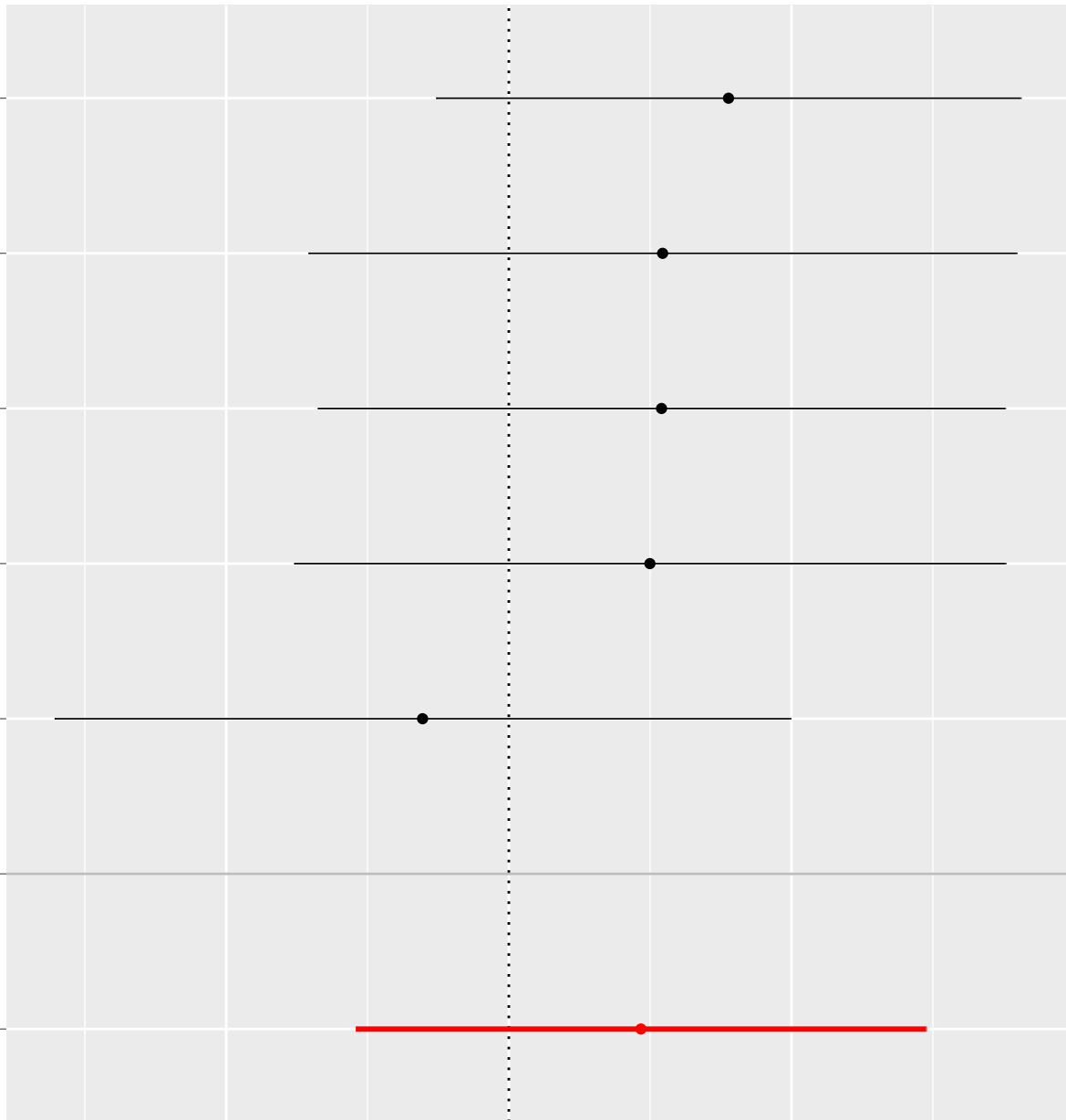
All

-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12261 || id:598'





rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

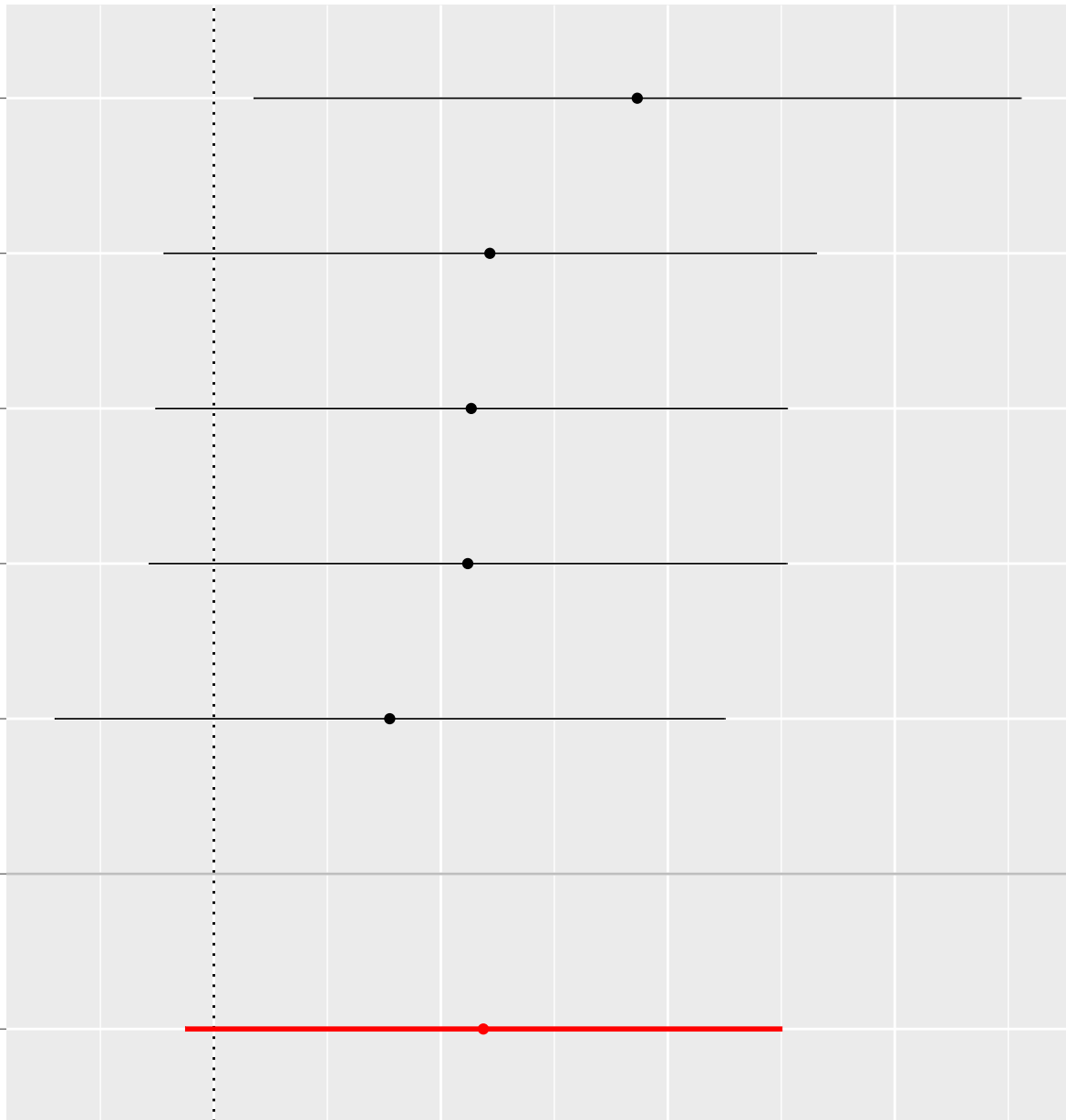
0.00

0.25

0.50

0.75

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12329 || id:599'



rs9906944

rs6728726

rs6857

rs693839

rs1558902

All

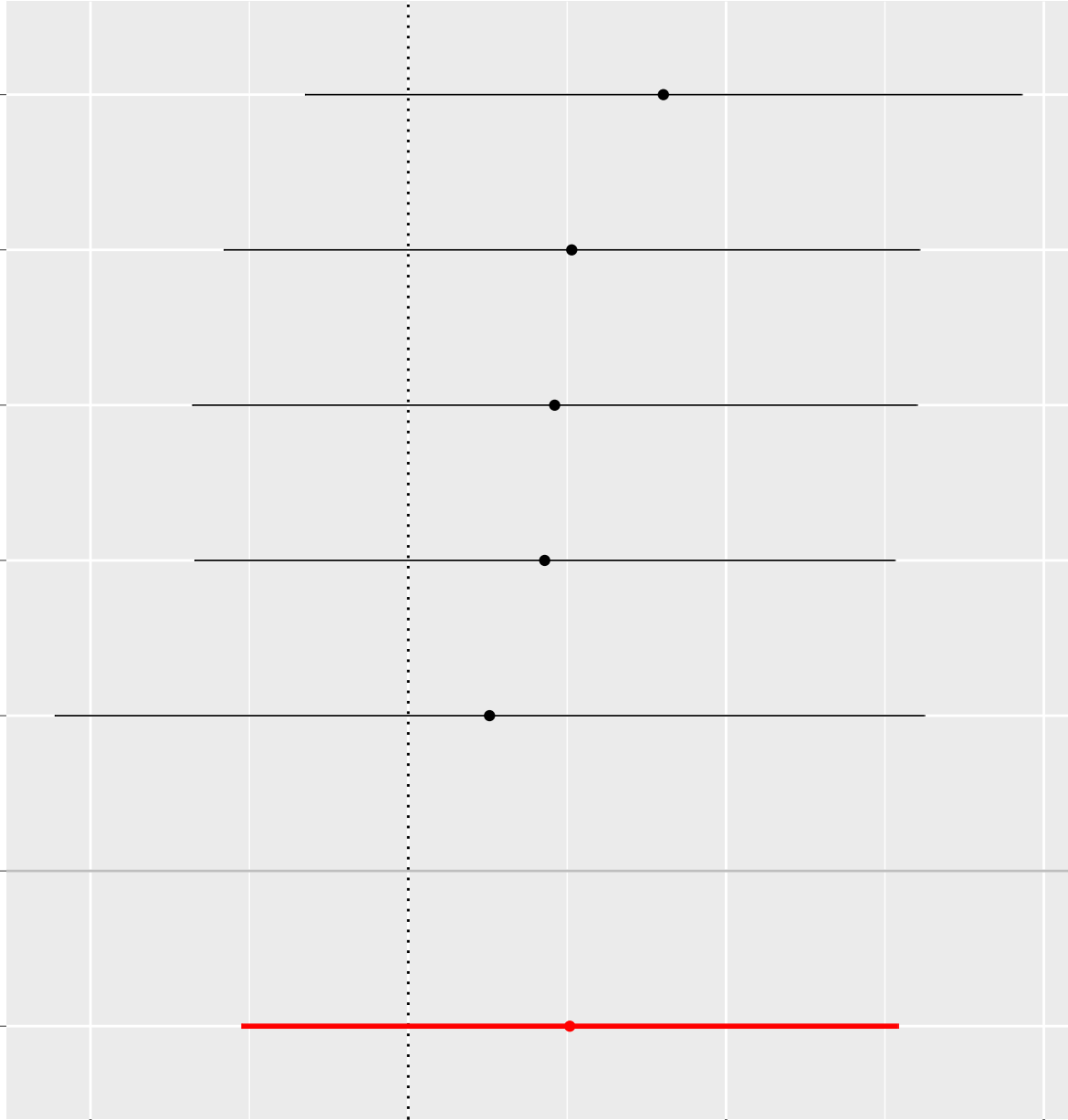
-0.2

0.0

0.2

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-10346 || id:600'



rs9906944

rs6728726

rs6857

rs693839

rs1558902

All

-0.2

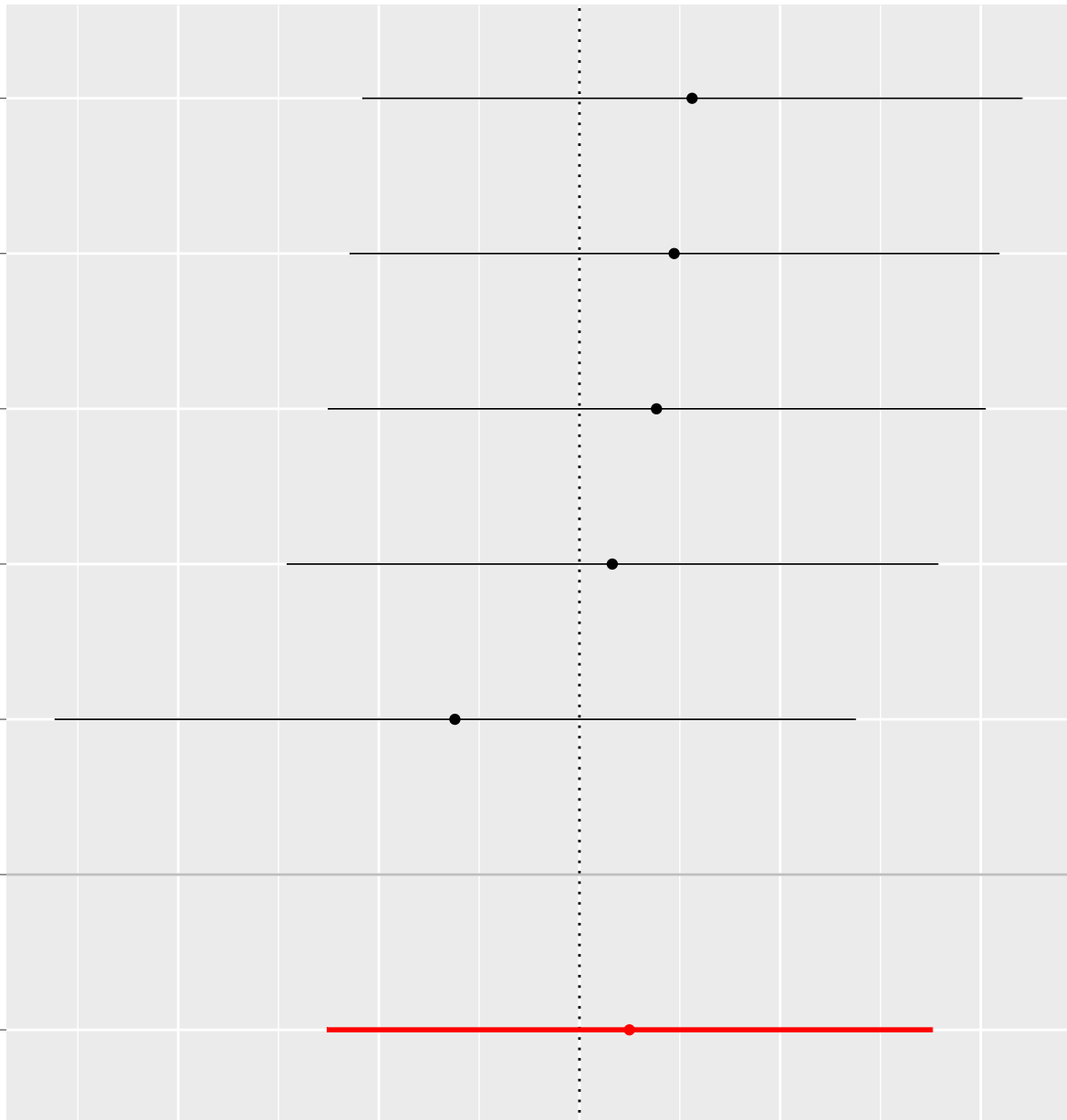
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'ADpSGEGDFXAEGGVR\* || id:601'



rs9906944

rs693839

rs1558902

rs6728726

rs6857

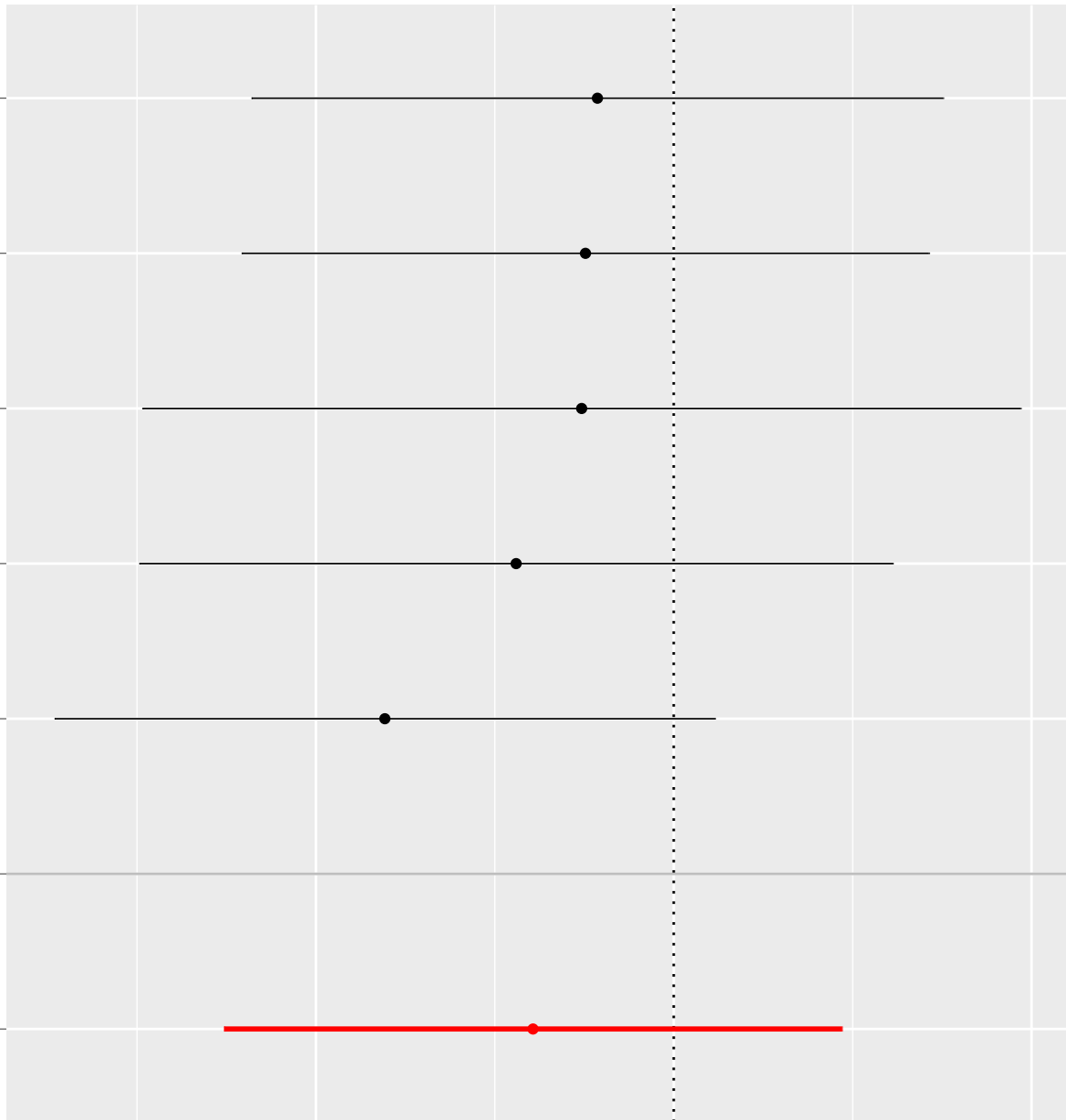
All

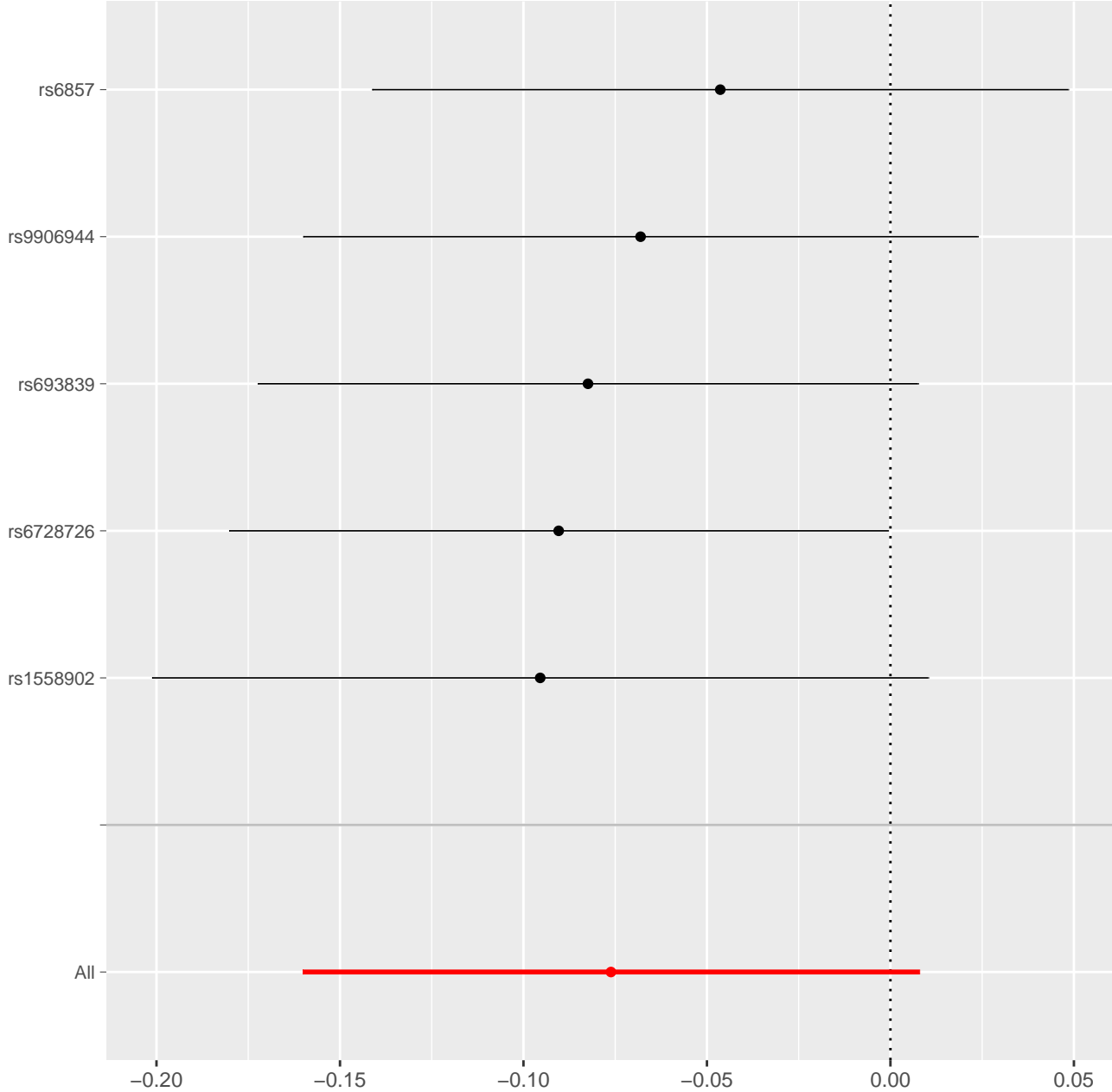
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-eicosatrienoylglycerophosphocholine\* || id:602'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-docosahexaenoylglycerophosphocholine\* || id:603'

rs693839

rs6728726

rs6857

rs9906944

rs1558902

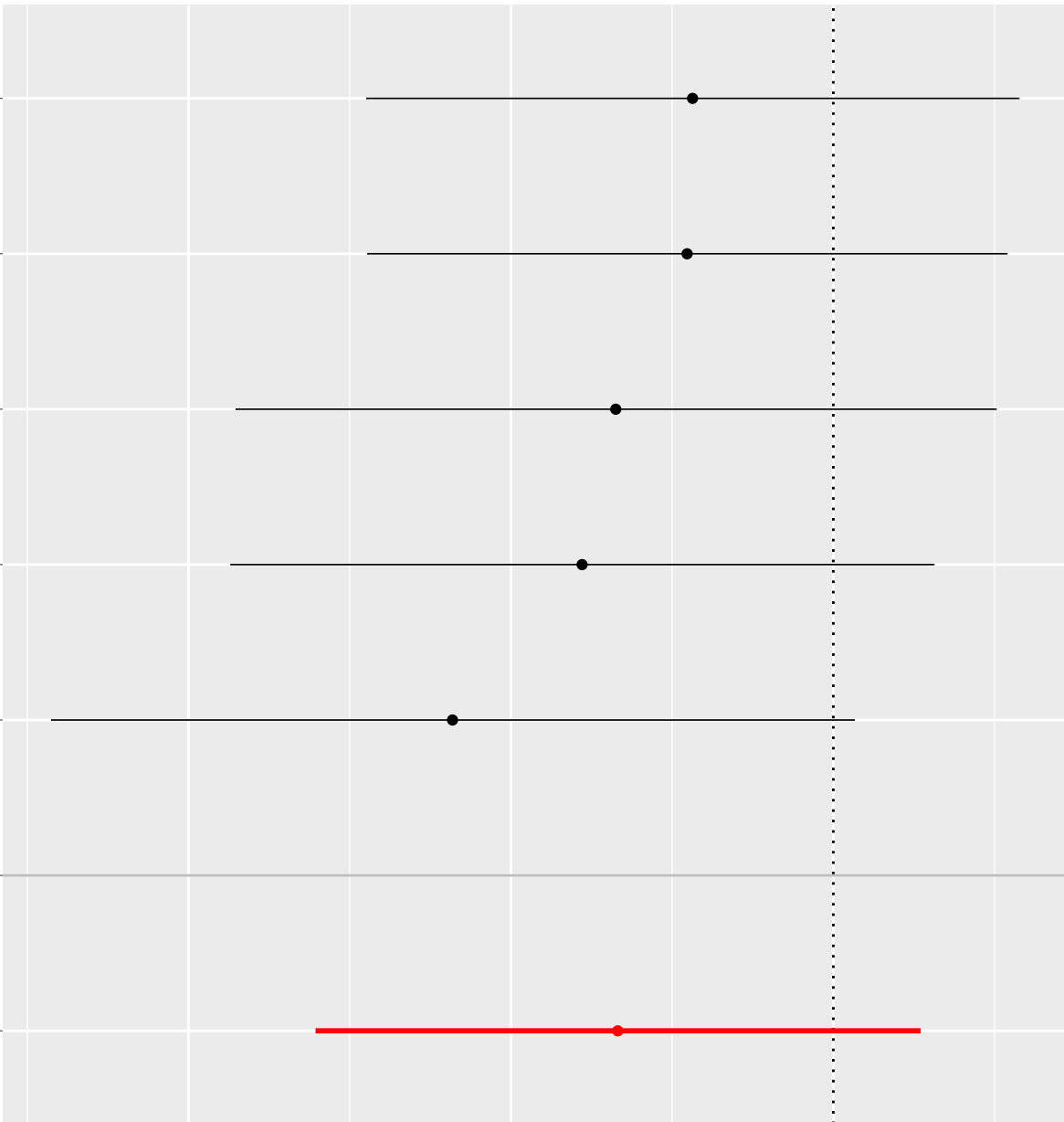
All

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12405 || id:604'



rs9906944

rs693839

rs6728726

rs1558902

rs6857

All

-0.1

0.0

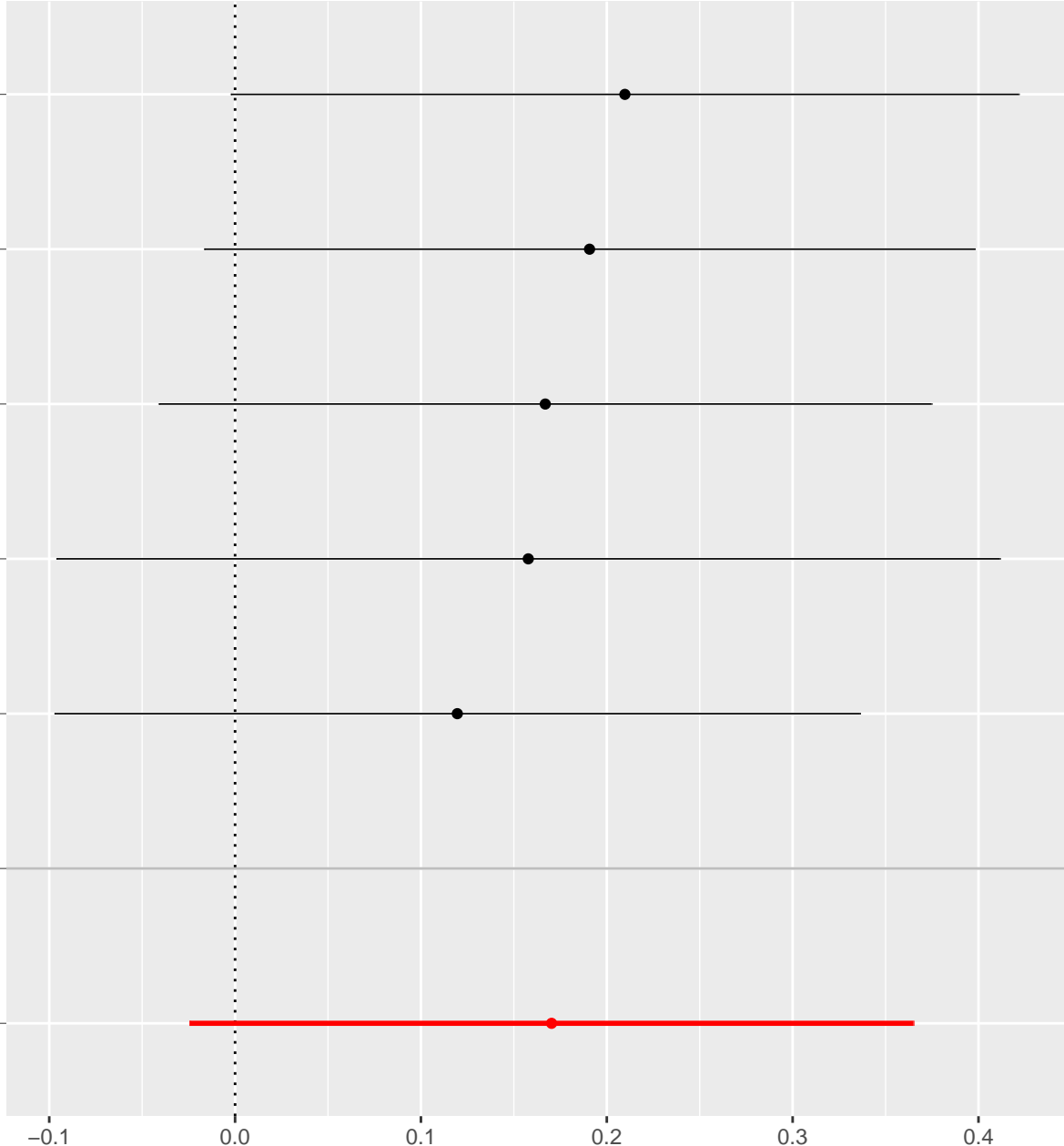
0.1

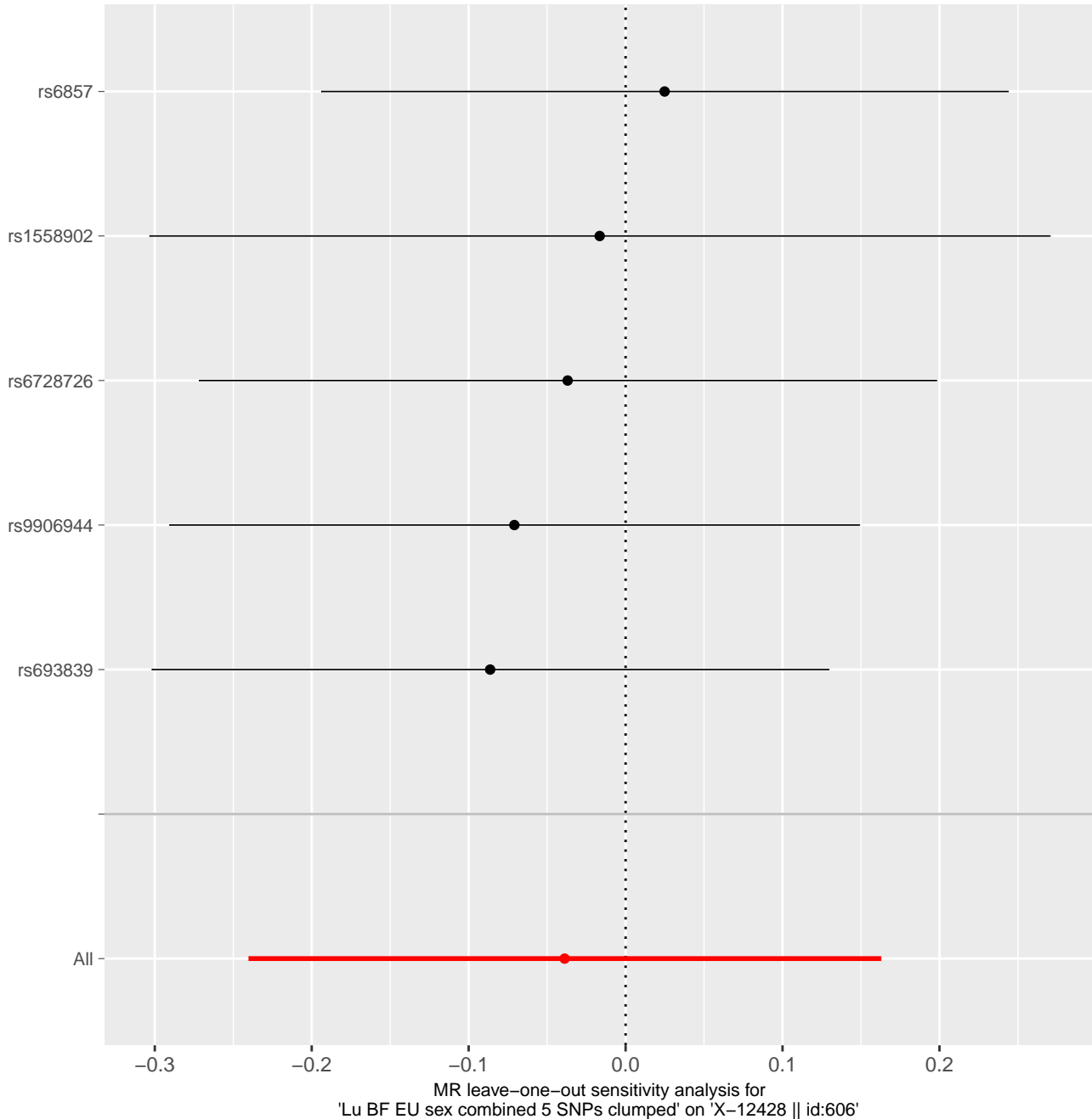
0.2

0.3

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12407 || id:605'







rs9906944

rs1558902

rs6728726

rs693839

rs6857

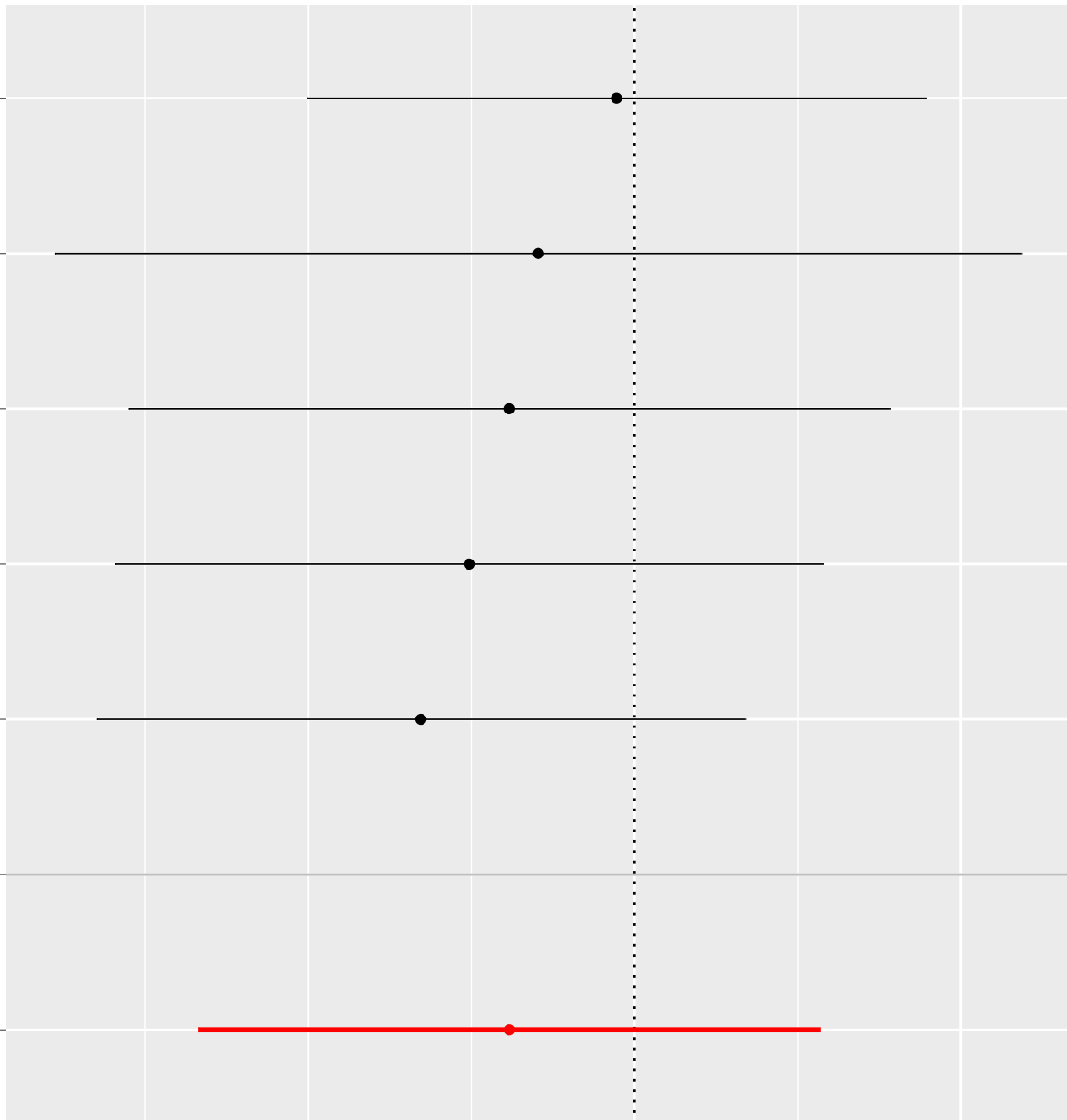
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-eicosadienoylglycerophosphocholine\* || id:607'



rs6728726

rs693839

rs6857

rs1558902

rs9906944

All

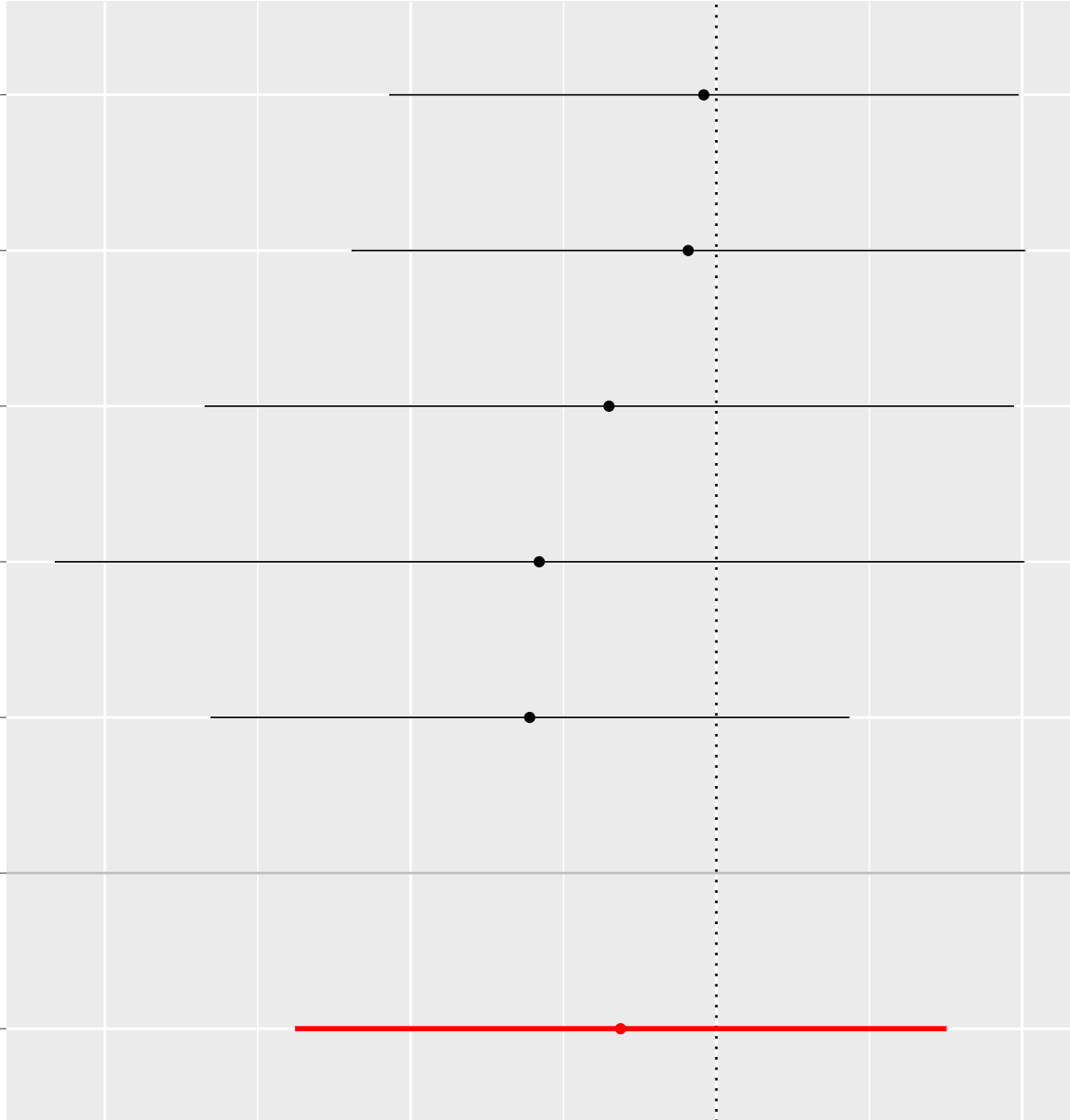
-1.0

-0.5

0.0

0.5

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12435 || id:608'



rs1558902

rs6728726

rs693839

rs6857

rs9906944

All

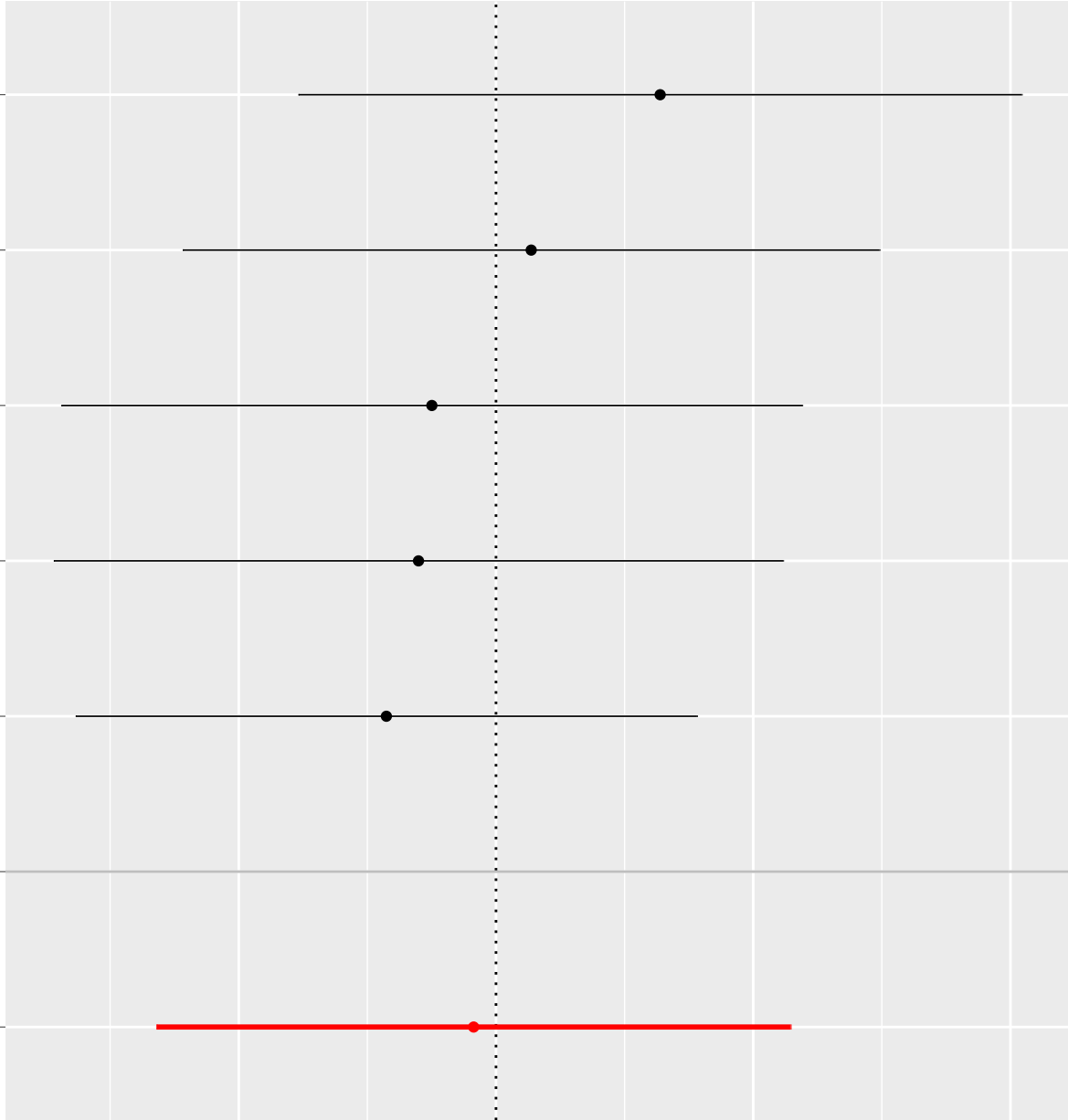
-0.3

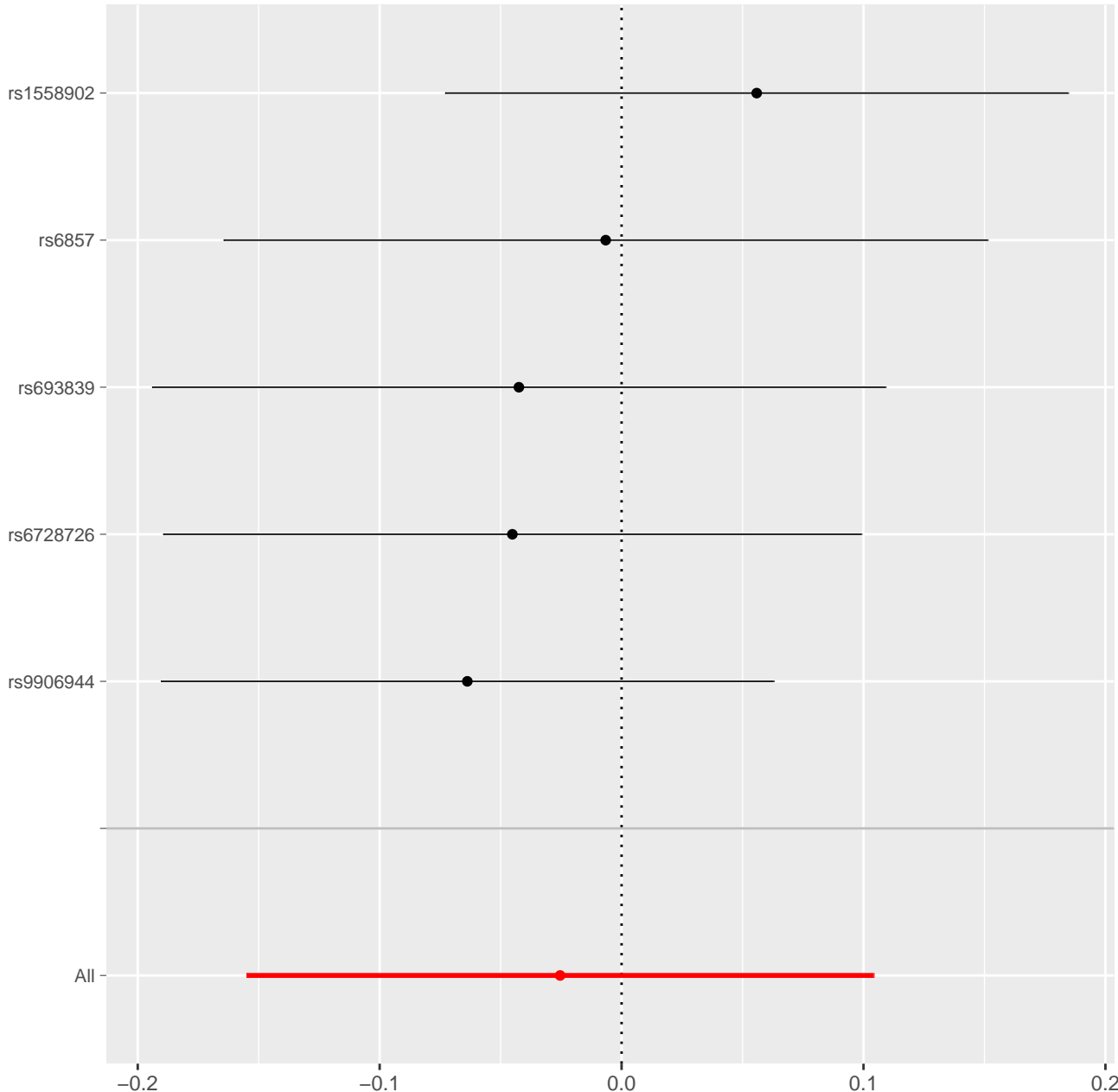
0.0

0.3

0.6

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12441--12-hydroxyeicosatetraenoate (12-HETE) || id:609'





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

rs693839

rs1558902

rs6857

rs9906944

rs6728726

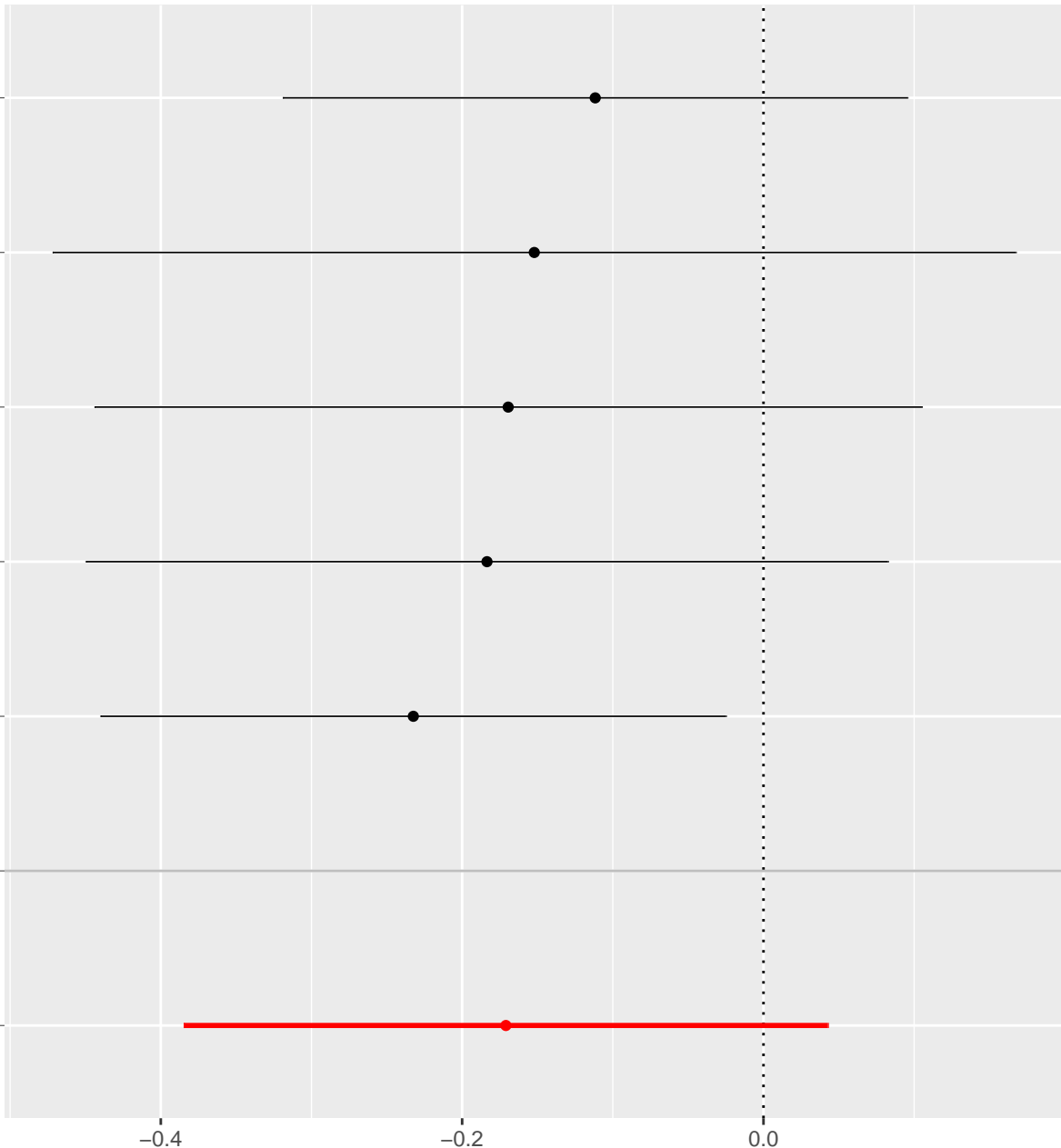
All

-0.4

-0.2

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12443 || id:611'



rs1558902

rs6857

rs693839

rs9906944

rs6728726

All

-0.10

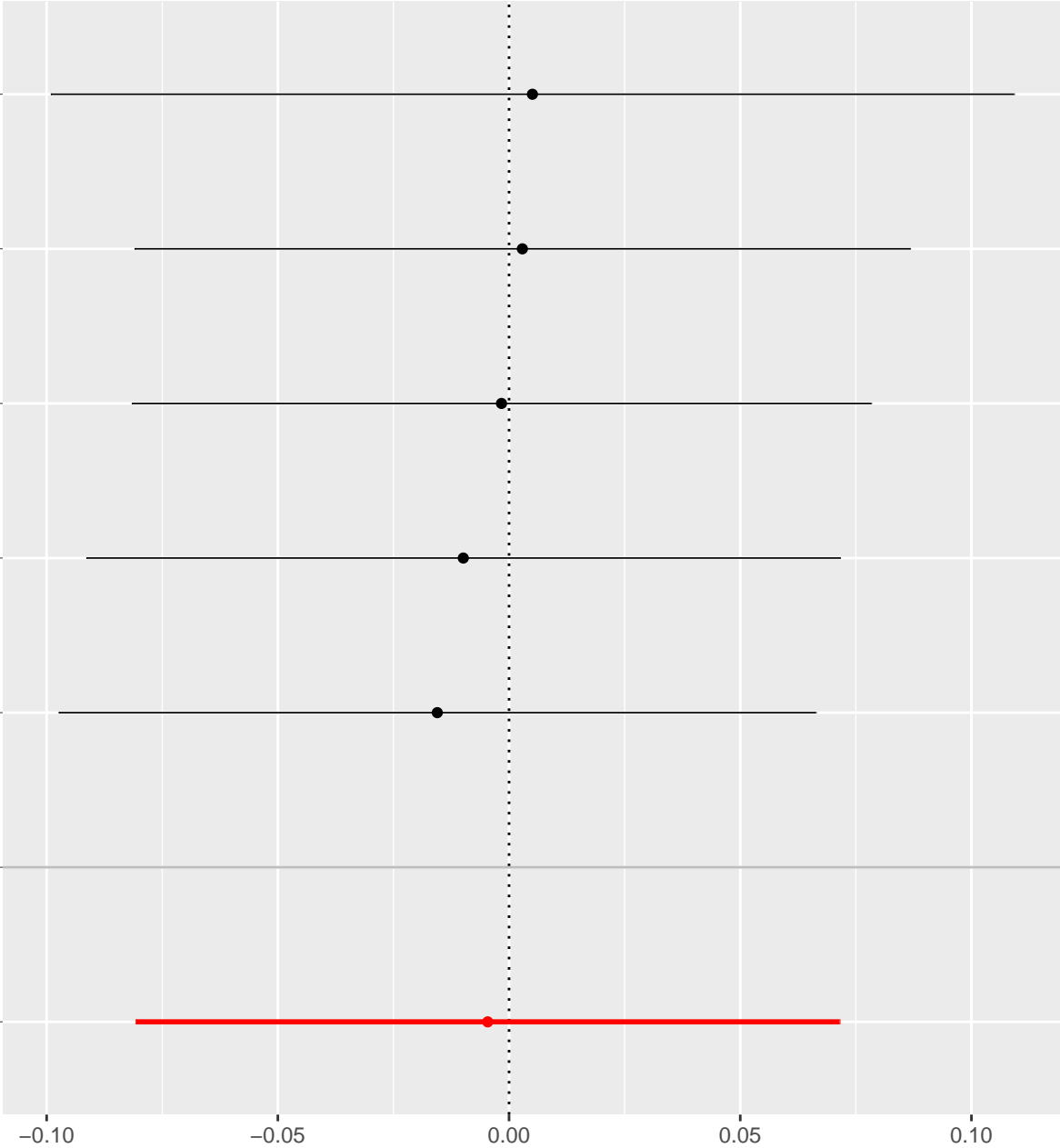
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12450 || id:612'



rs6857

rs6728726

rs693839

rs9906944

rs1558902

All

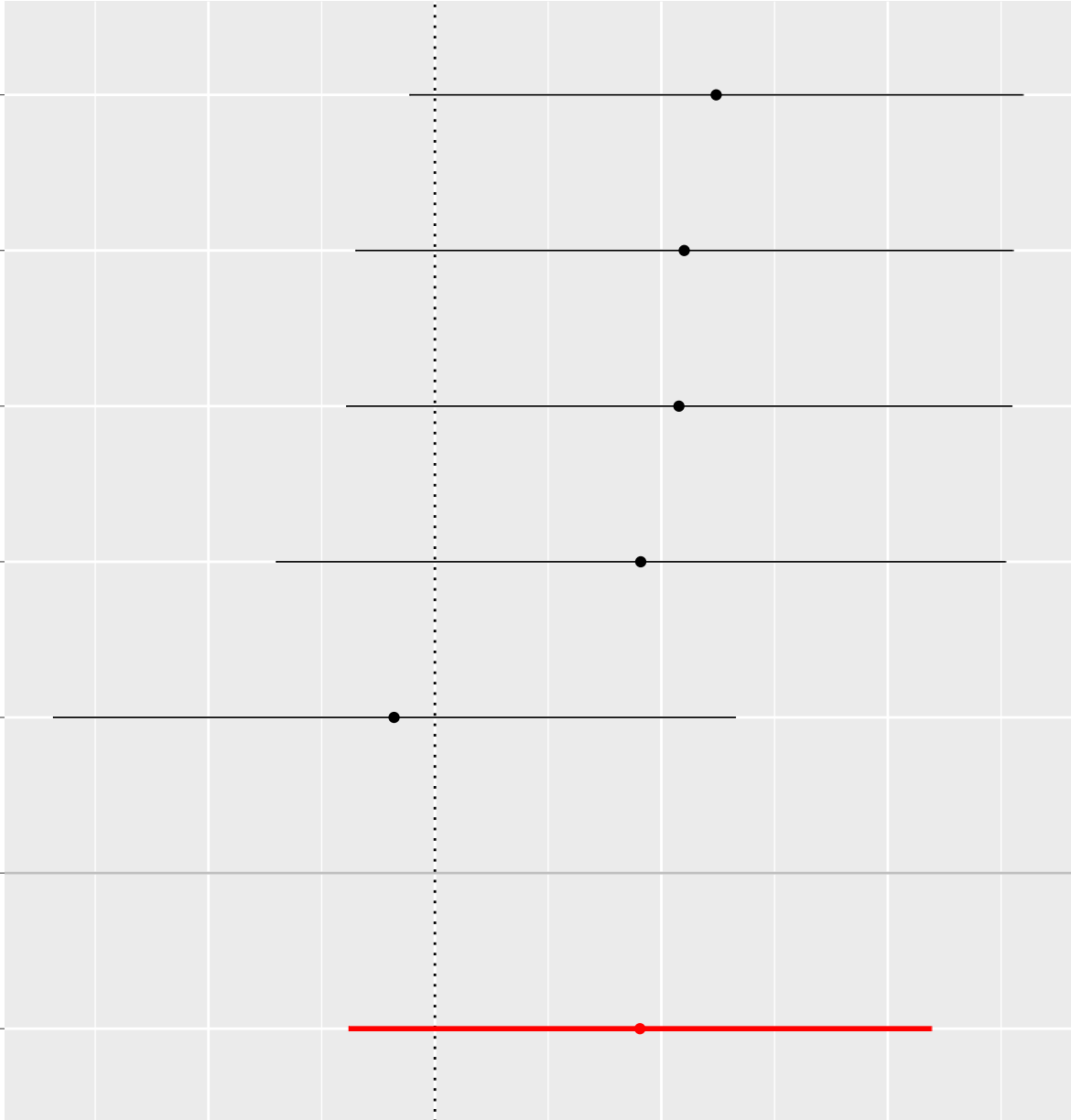
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12456 || id:613'



rs1558902

rs6857

rs6728726

rs9906944

rs693839

All

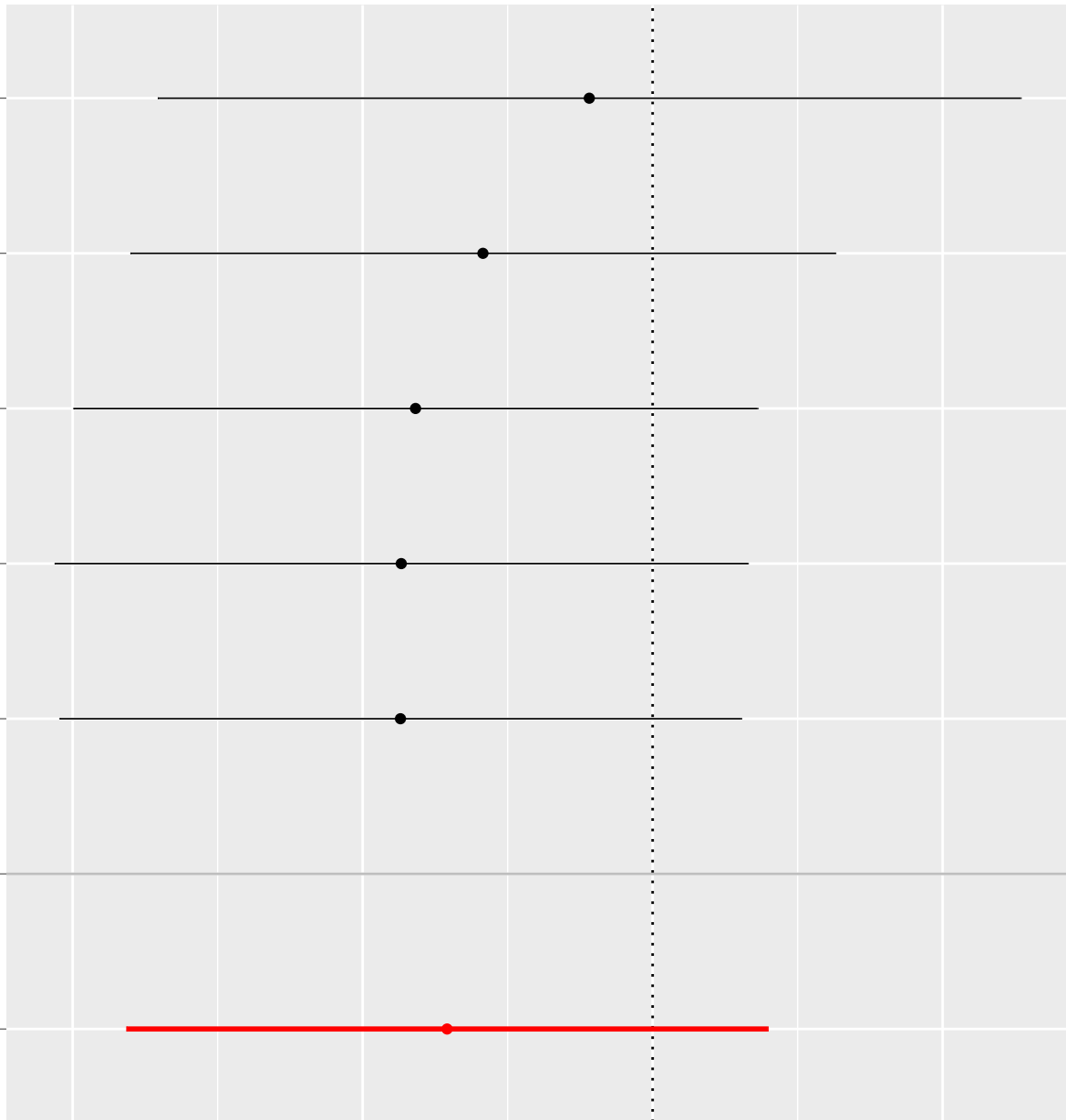
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12465 || id:614'





rs1558902

rs9906944

rs6728726

rs693839

rs6857

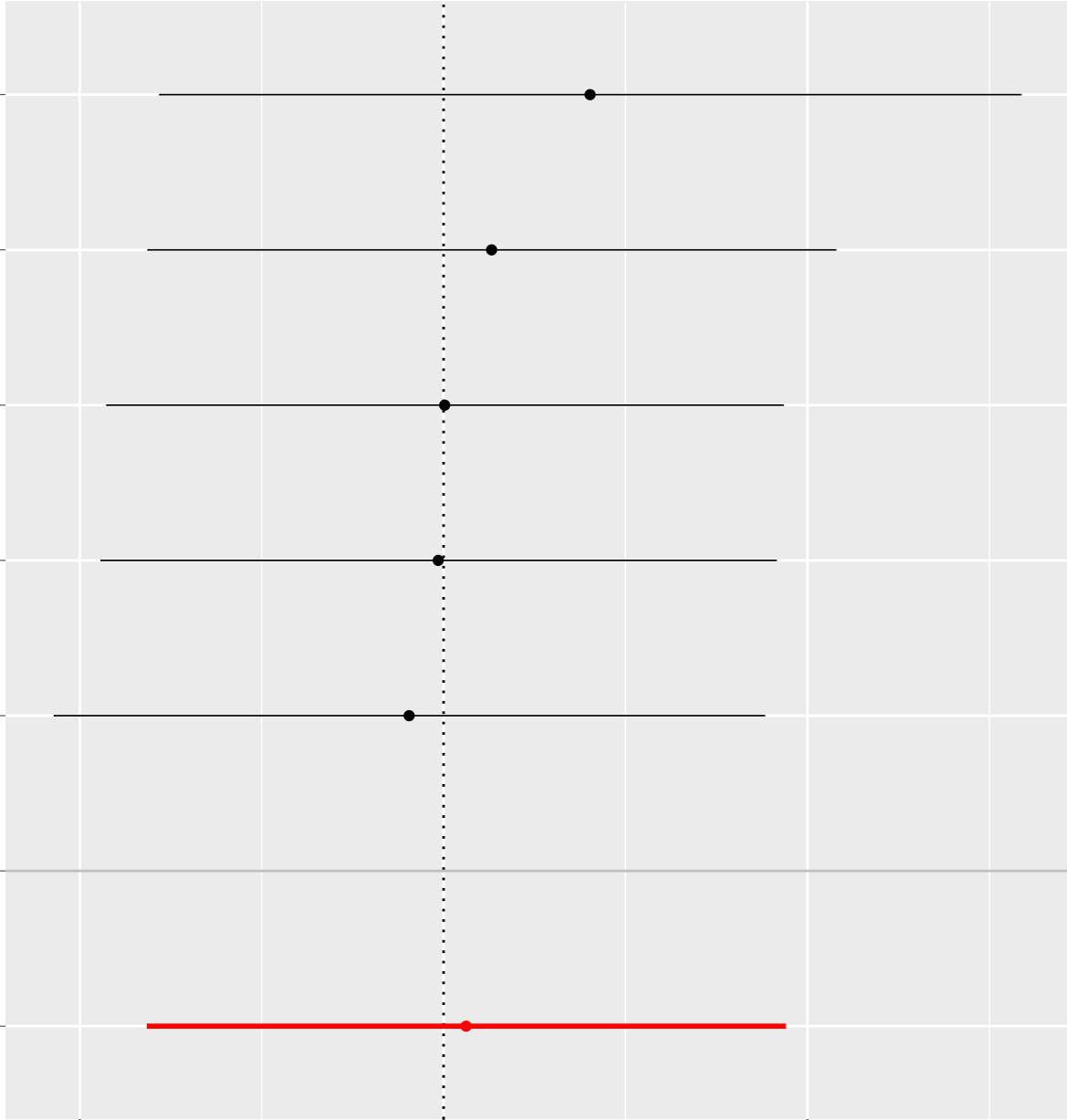
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Octanoylcarnitine || id:615'



rs9906944

rs6857

rs6728726

rs693839

rs1558902

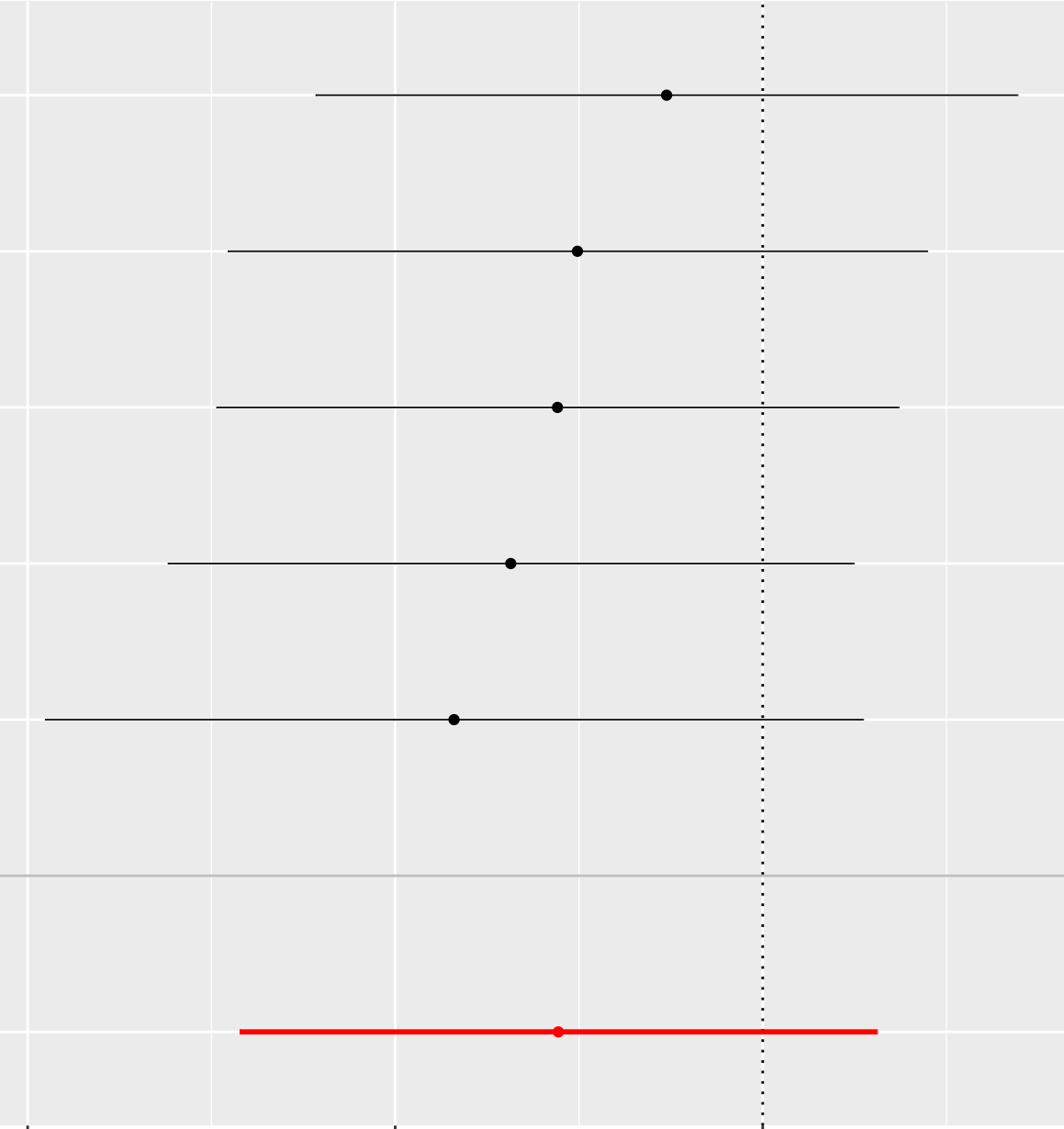
All

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Alpha-hydroxyisovalerate || id:616'



rs693839

rs1558902

rs6728726

rs6857

rs9906944

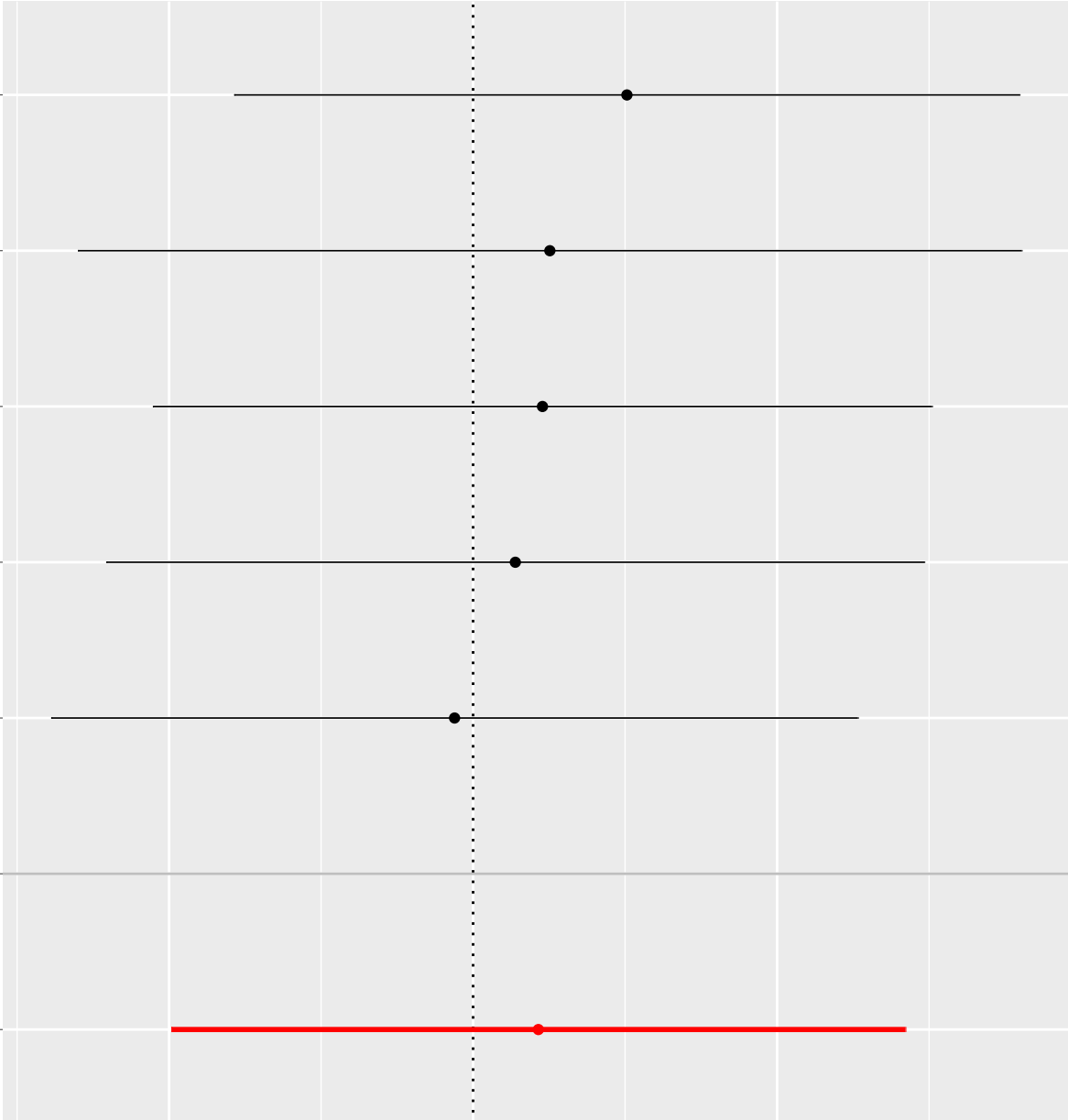
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'N-acetylthreonine || id:617'



rs1558902

rs9906944

rs6728726

rs693839

rs6857

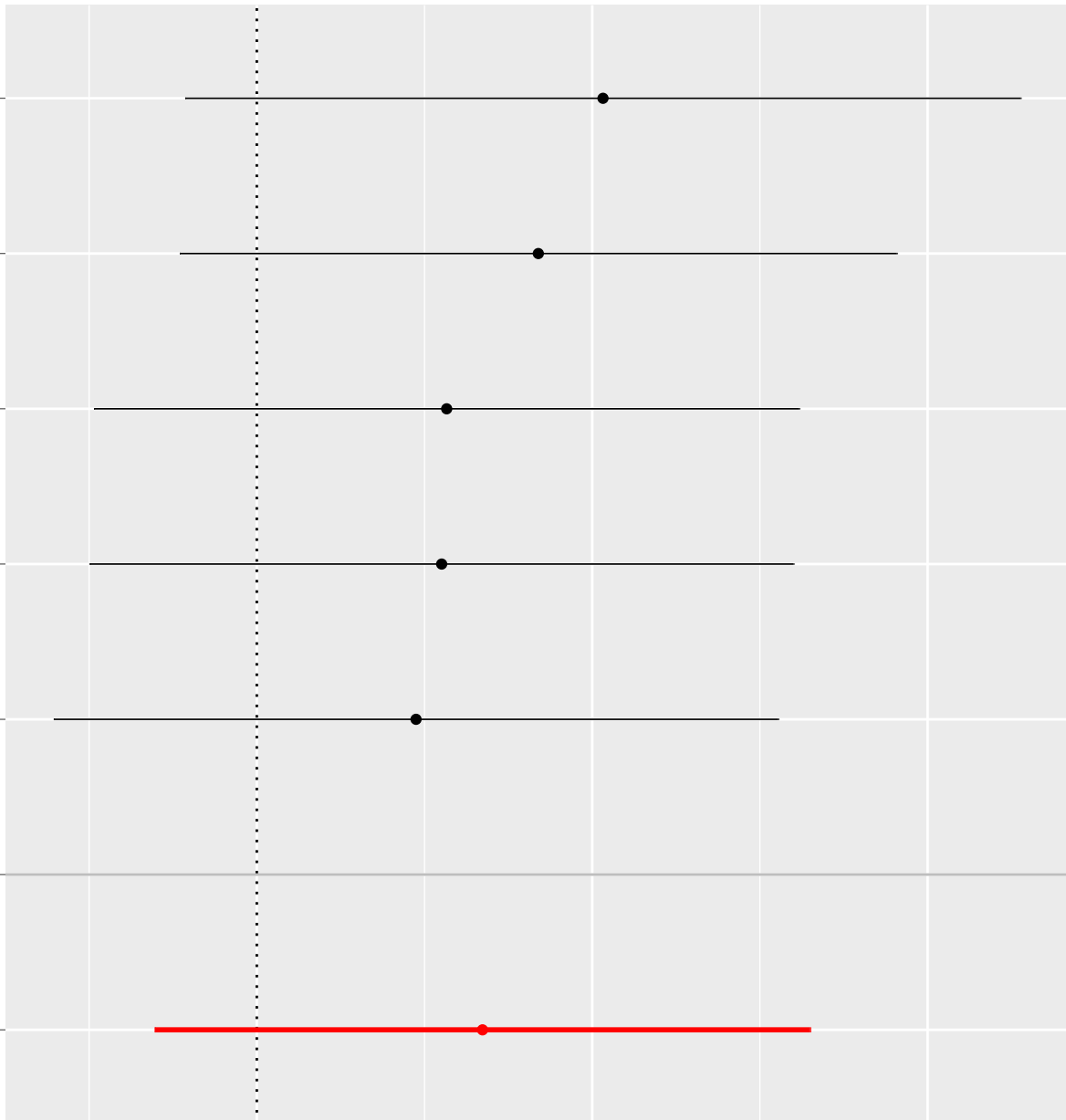
All

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Decanoylcarnitine || id:618'



rs1558902

rs693839

rs9906944

rs6857

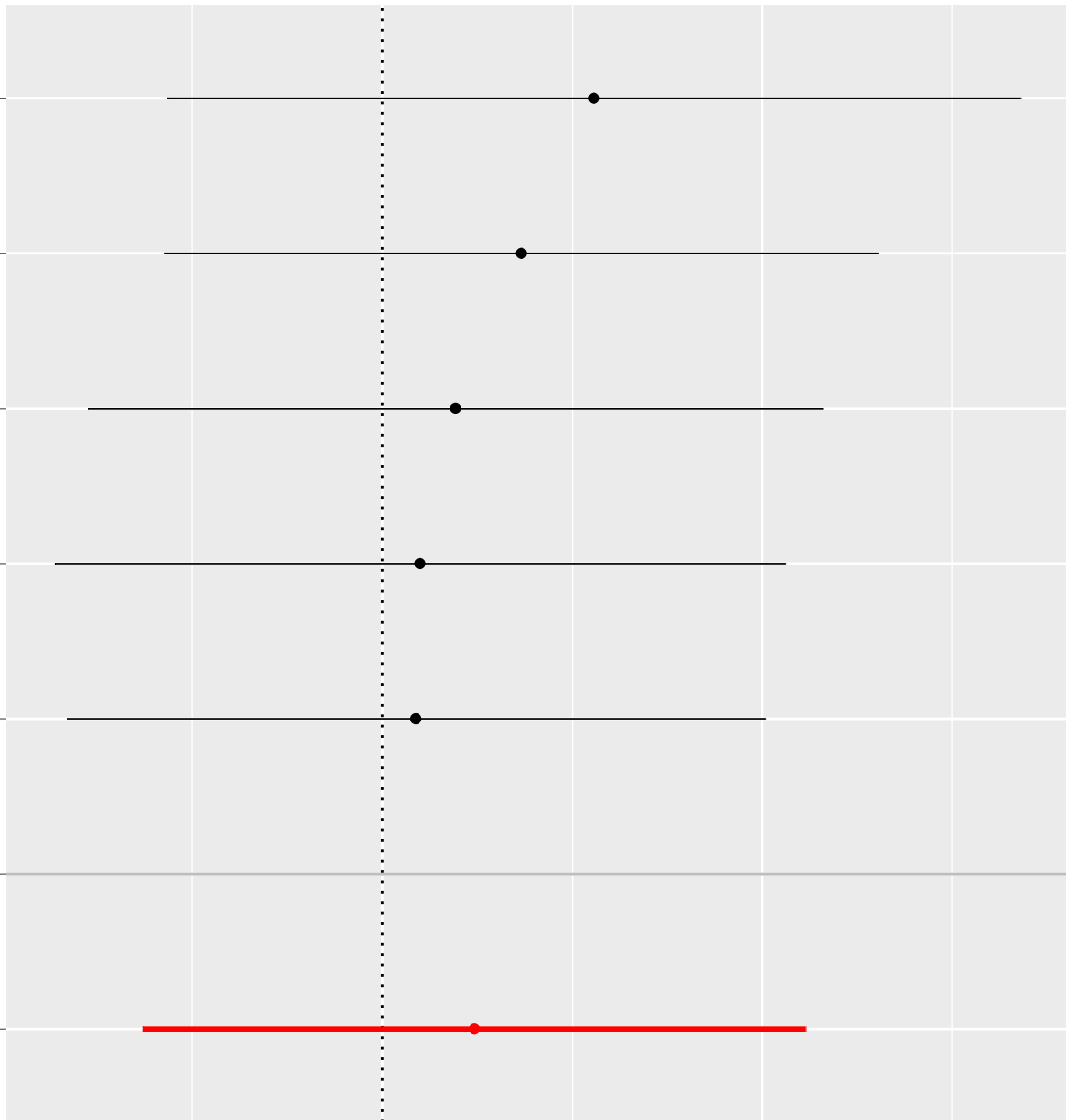
rs6728726

All

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-palmitoylglycerophosphocholine || id:619'



rs6857

rs1558902

rs9906944

rs693839

rs6728726

All

-0.10

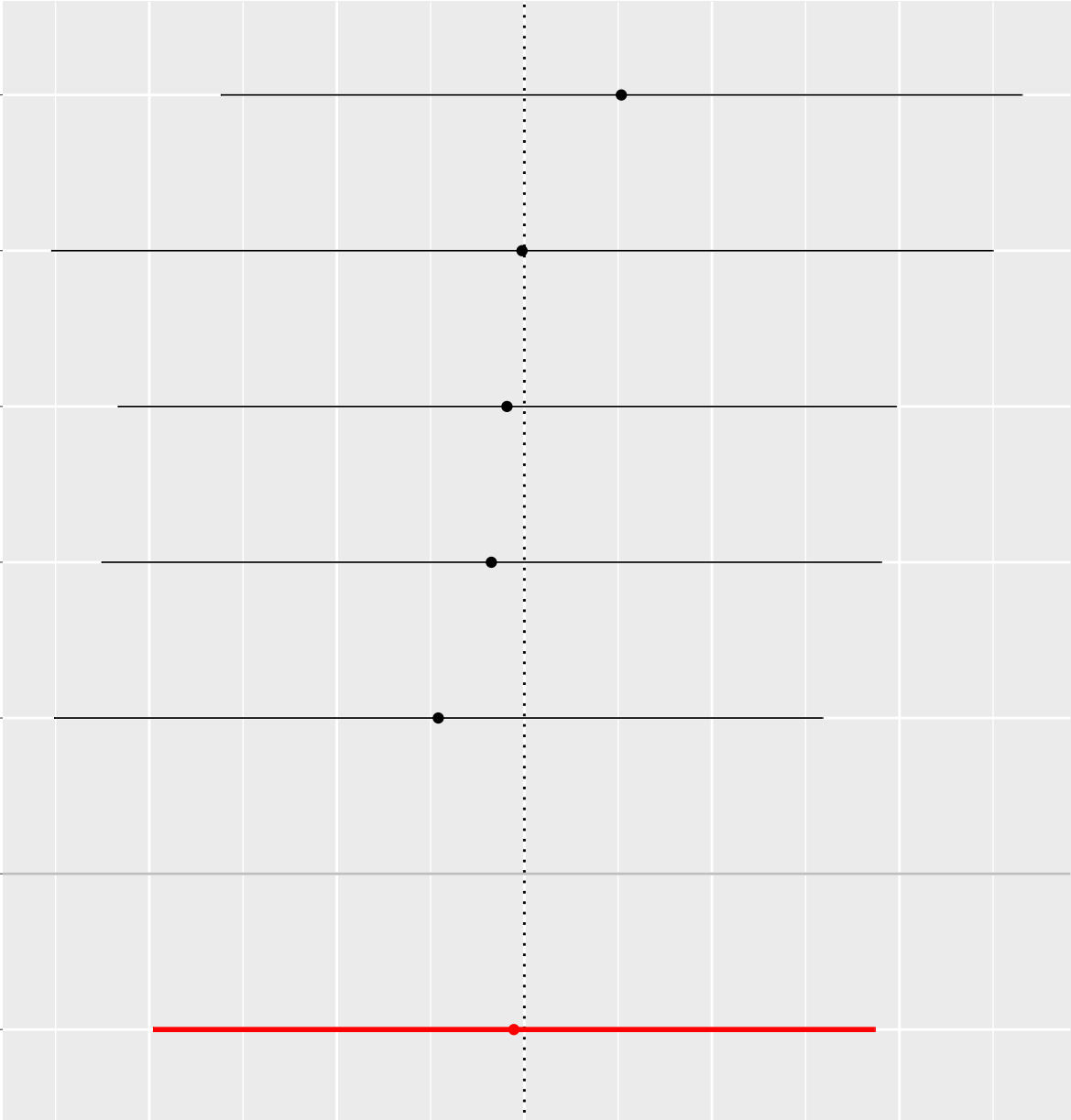
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-heptadecanoylglycerophosphocholine || id:620'



rs9906944

rs693839

rs6728726

rs1558902

rs6857

All

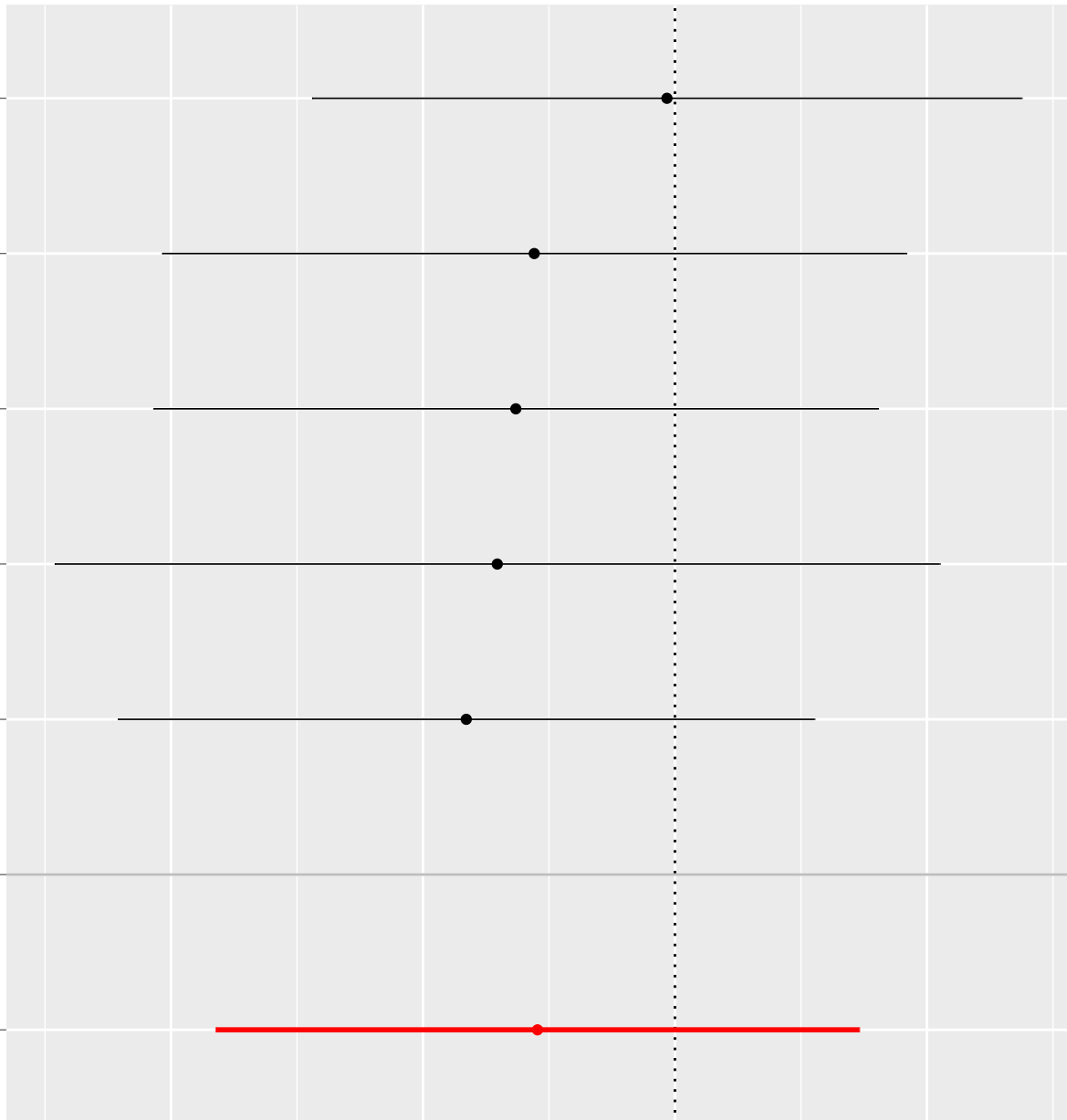
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-oleoylglycerophosphocholine || id:621'



rs1558902

rs9906944

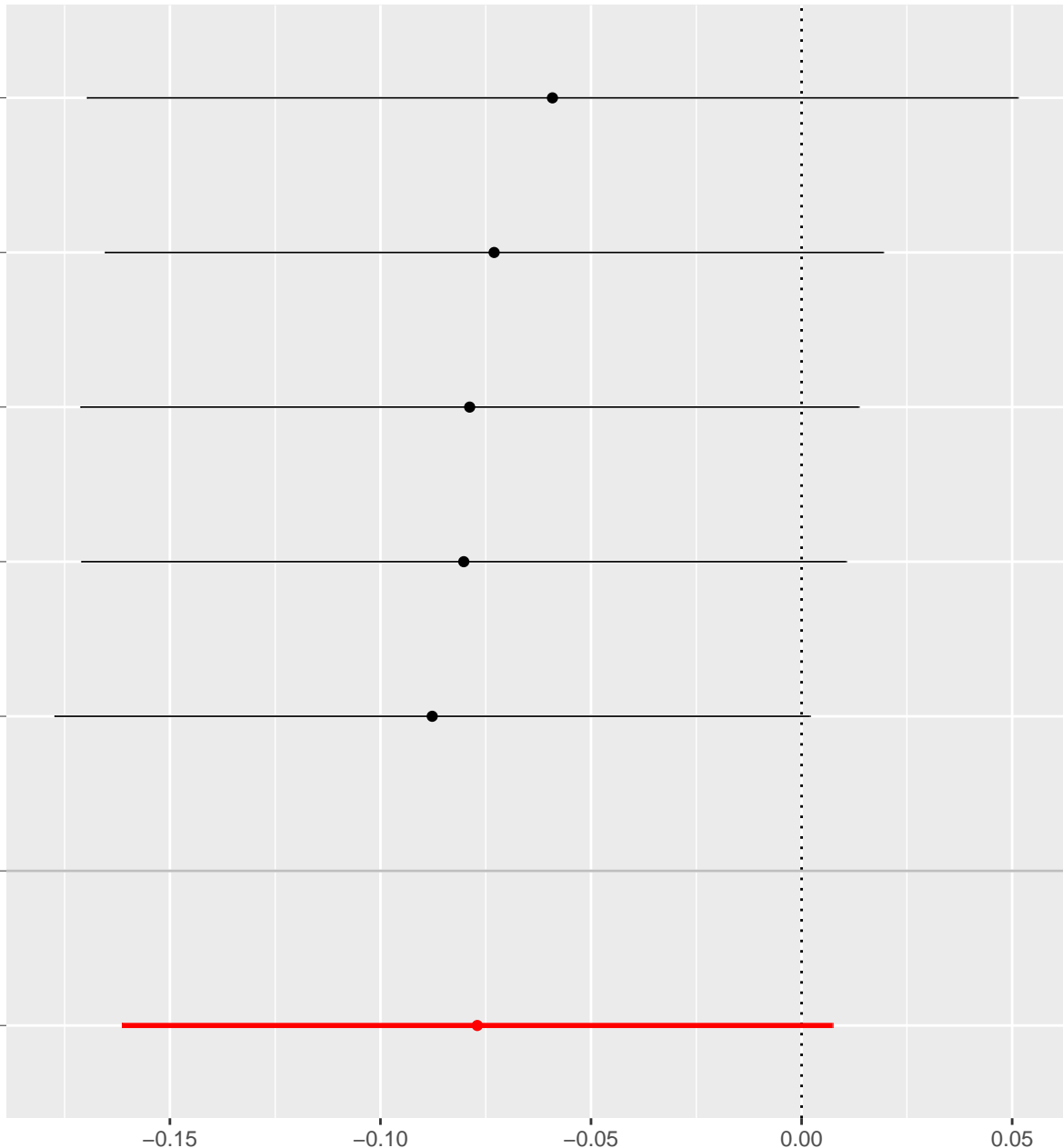
rs6857

rs693839

rs6728726

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-stearoylglycerophosphocholine || id:622'





rs1558902

rs6857

rs693839

rs6728726

rs9906944

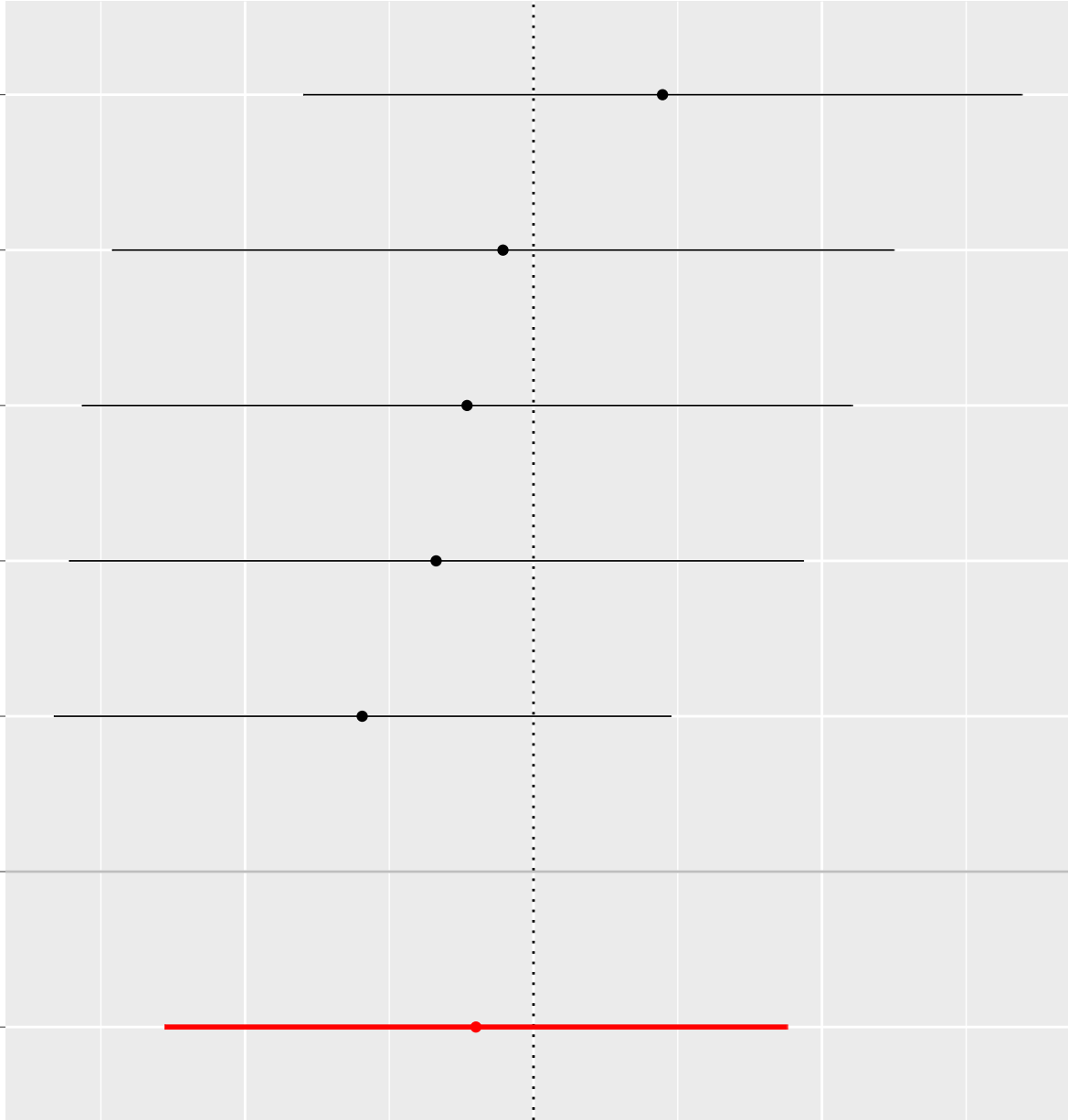
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '5-dodecenoate (12:1n7) || id:623'



rs1558902

rs693839

rs6857

rs9906944

rs6728726

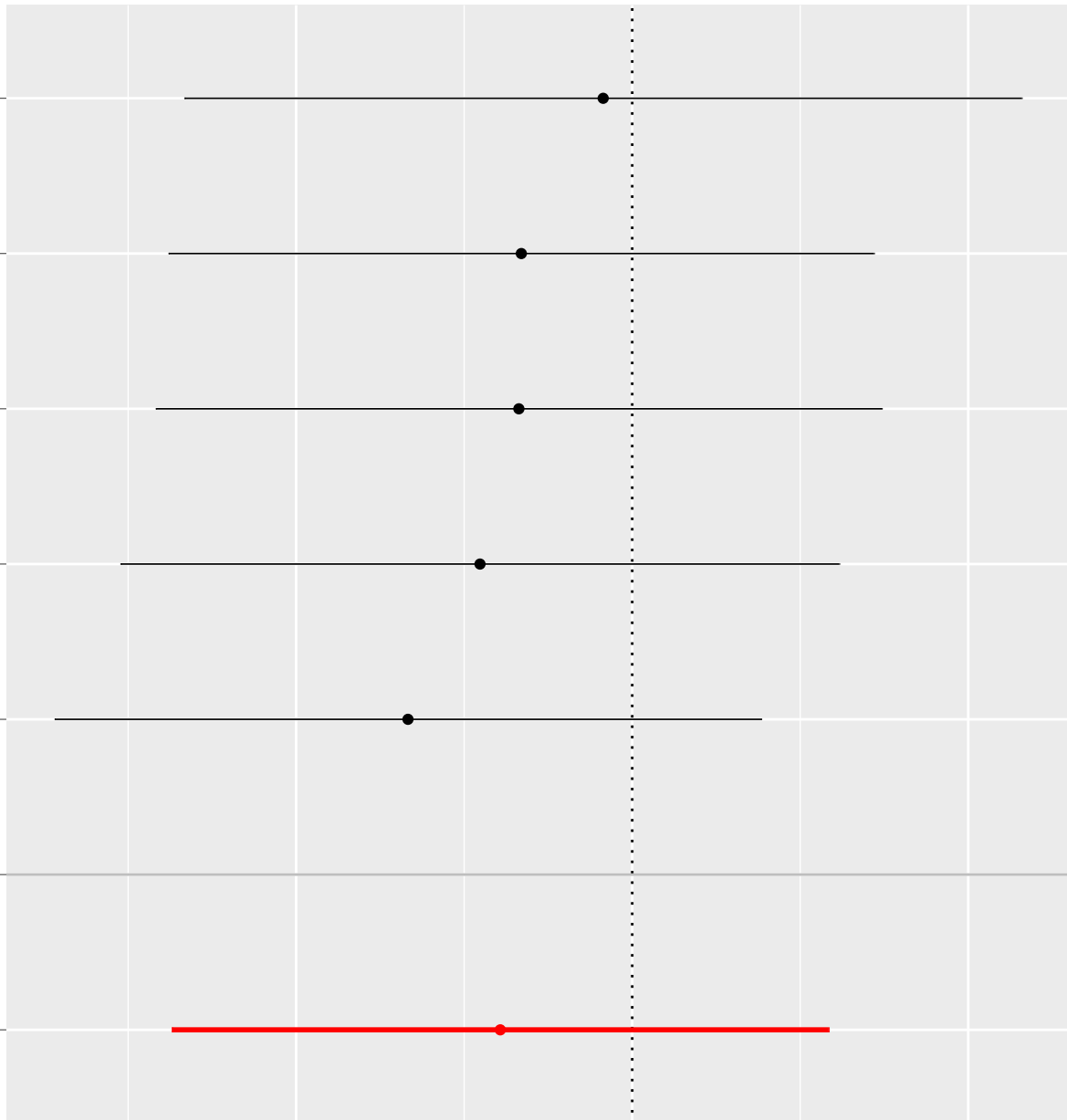
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Stearidonate (18:4n3) || id:624'



rs1558902

rs6857

rs693839

rs6728726

rs9906944

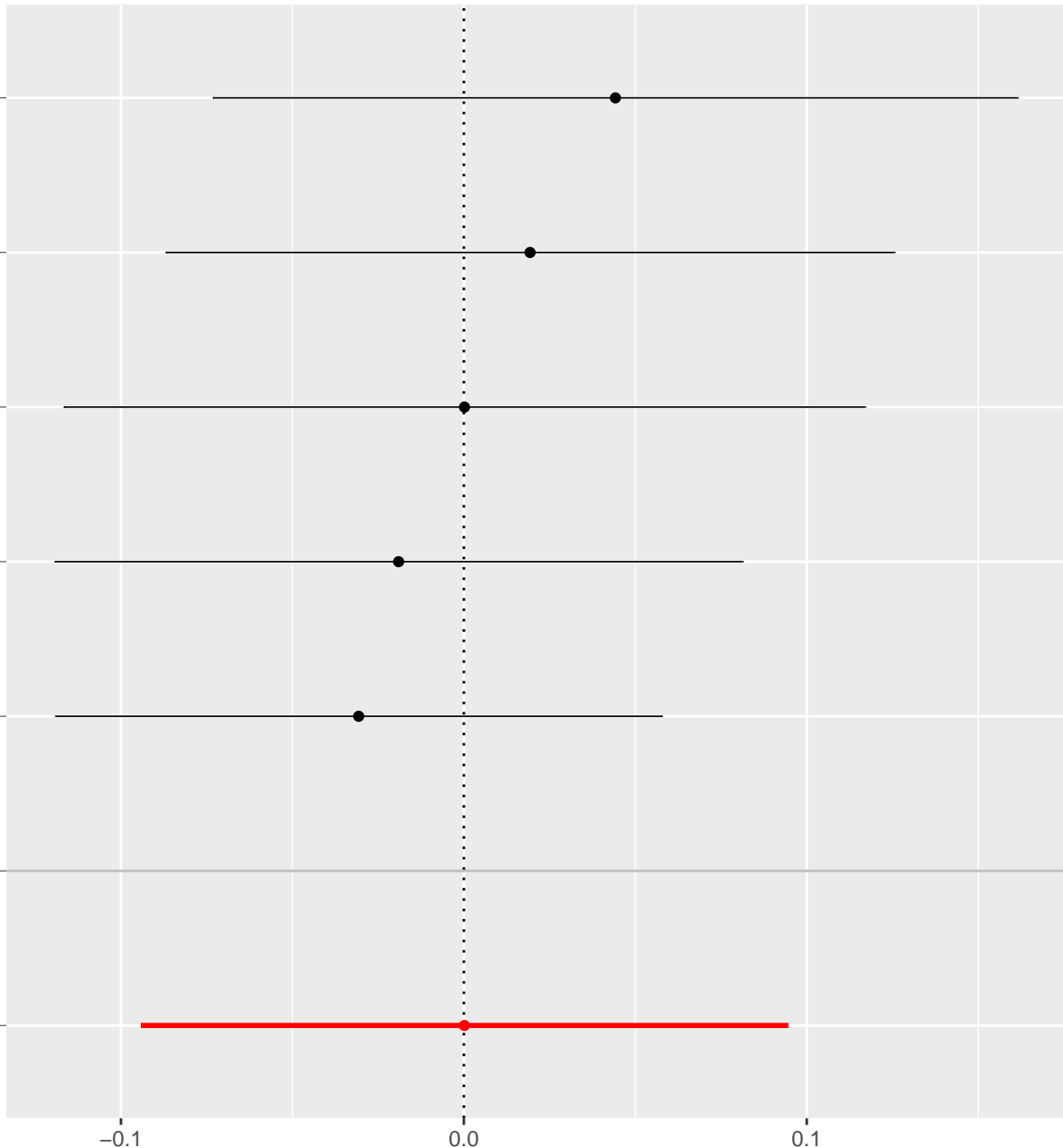
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '10-heptadecenoate (17:1n7) || id:625'



rs1558902

rs6857

rs693839

rs6728726

rs9906944

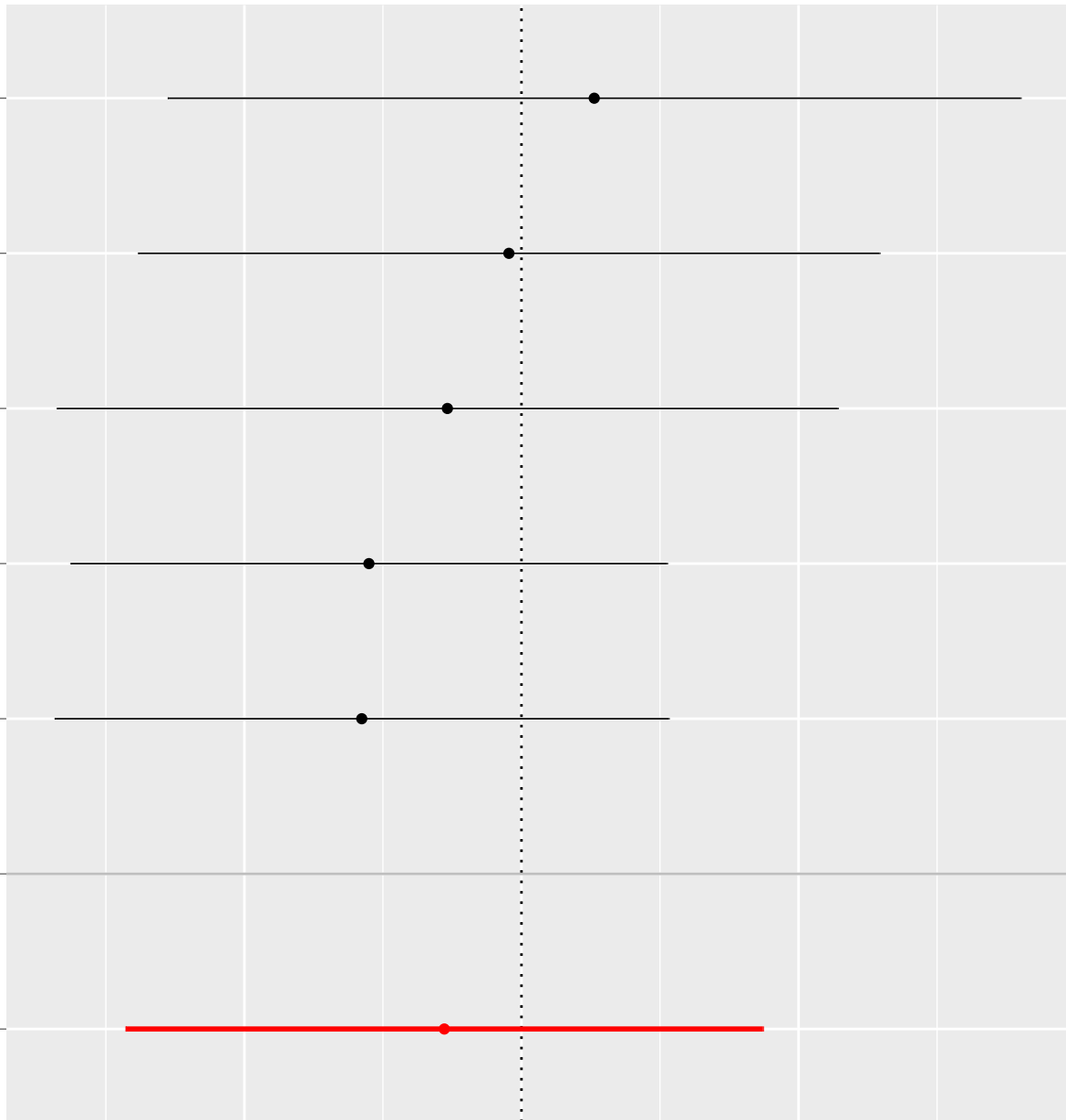
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '10-nonadecenoate (19:1n9) || id:626'



rs1558902

rs6728726

rs9906944

rs6857

rs693839

All

-0.2

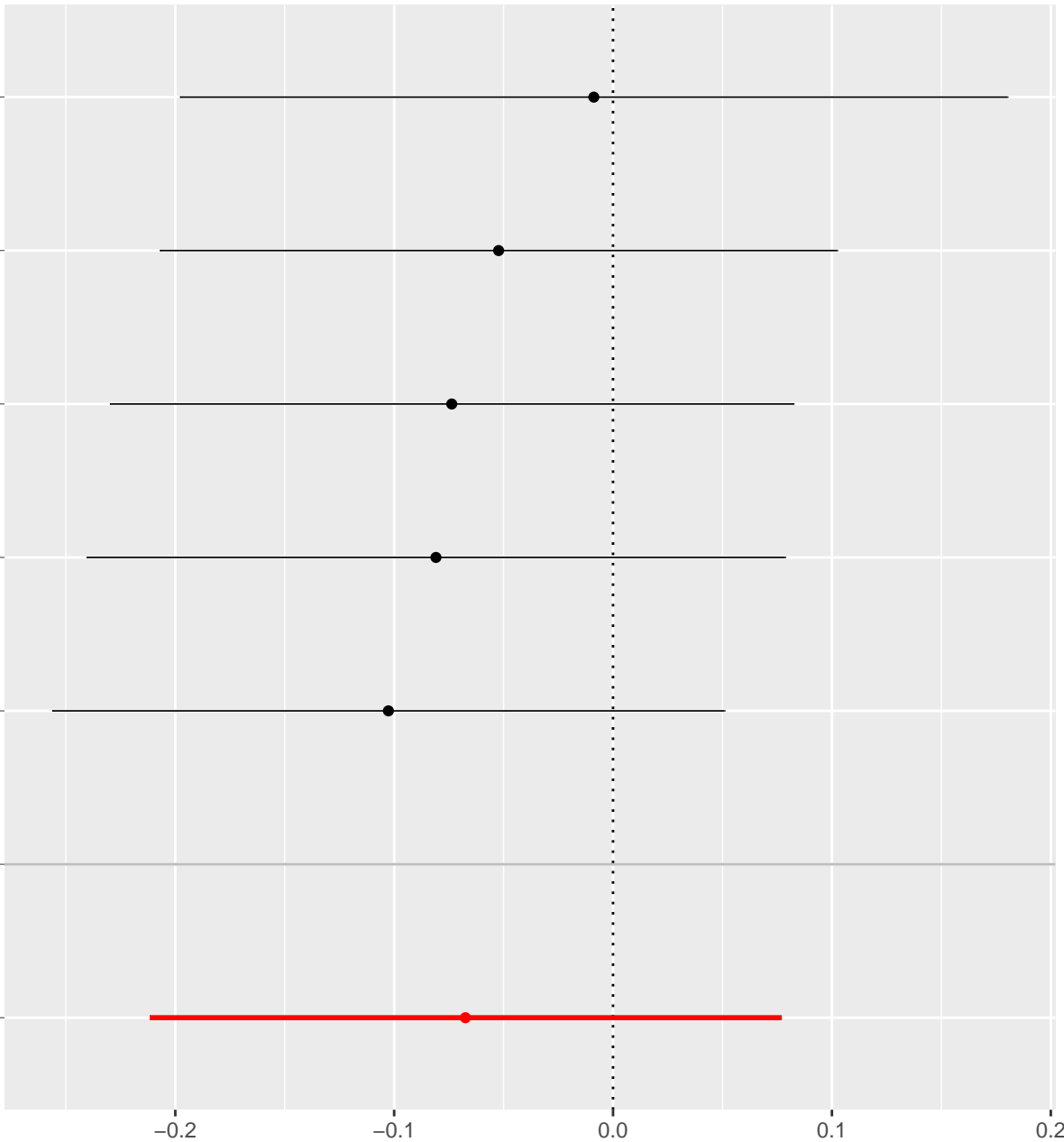
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Epiandrosterone sulfate || id:627'



rs1558902

rs6857

rs9906944

rs693839

rs6728726

All

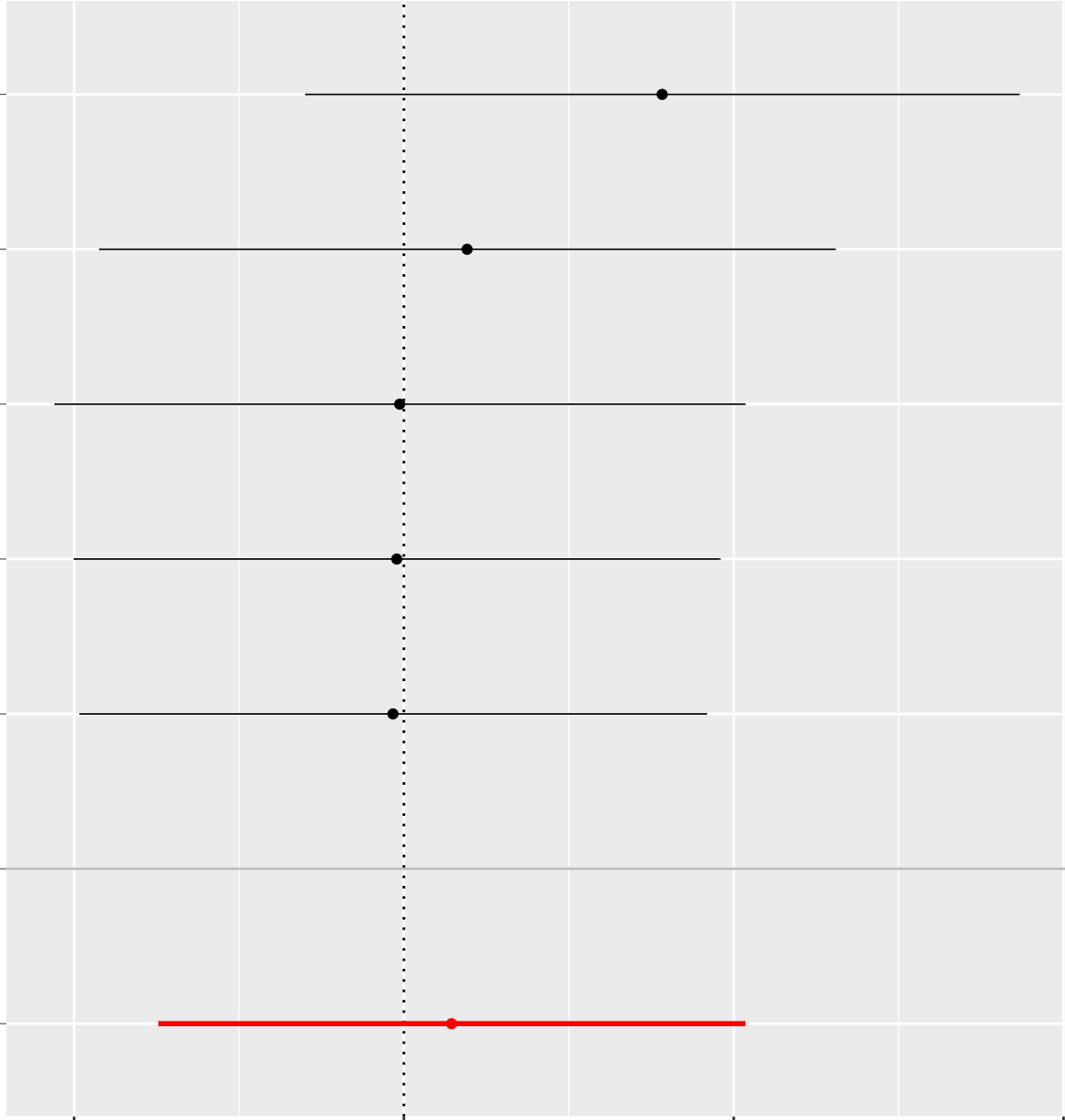
-0.1

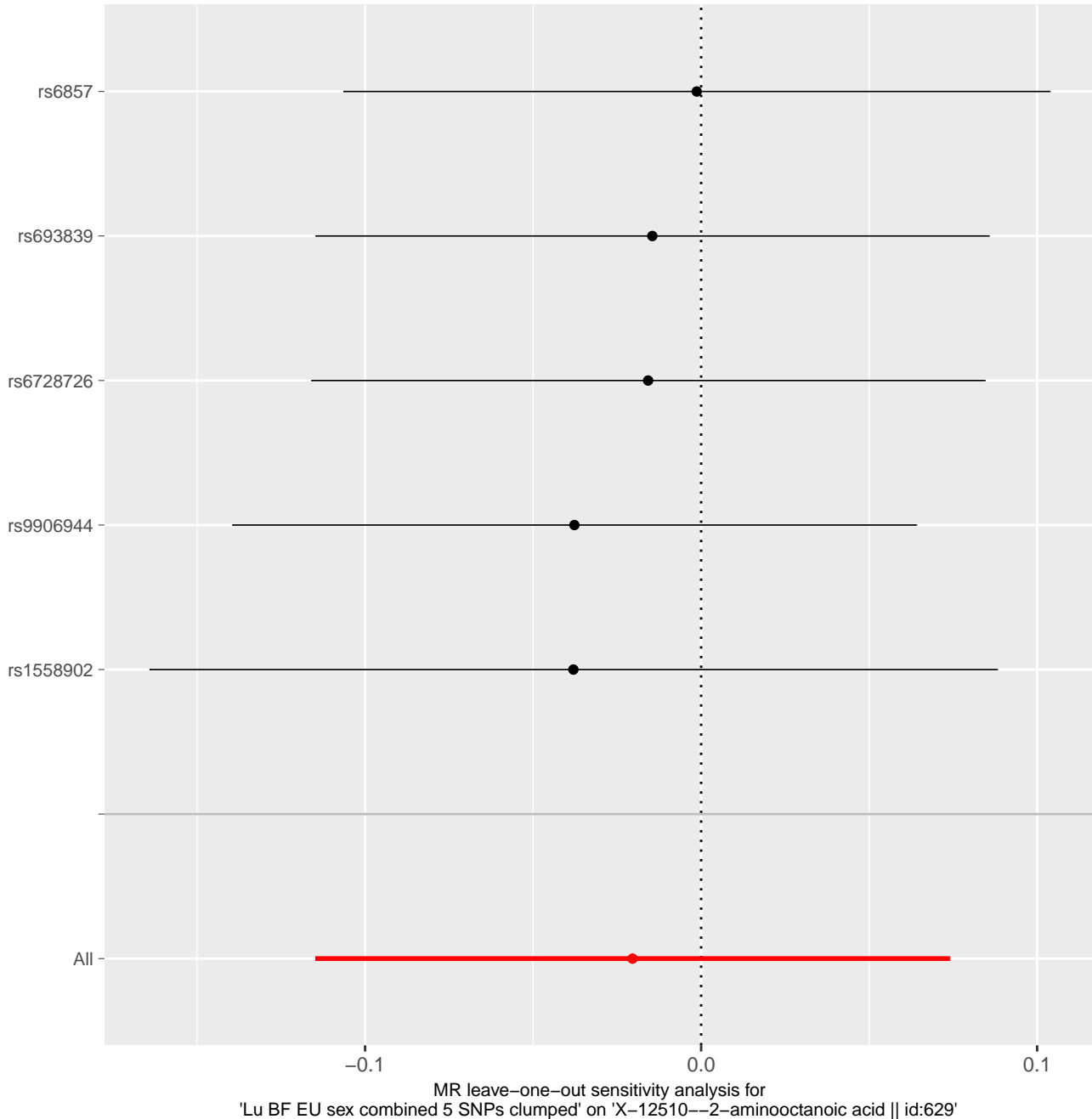
0.0

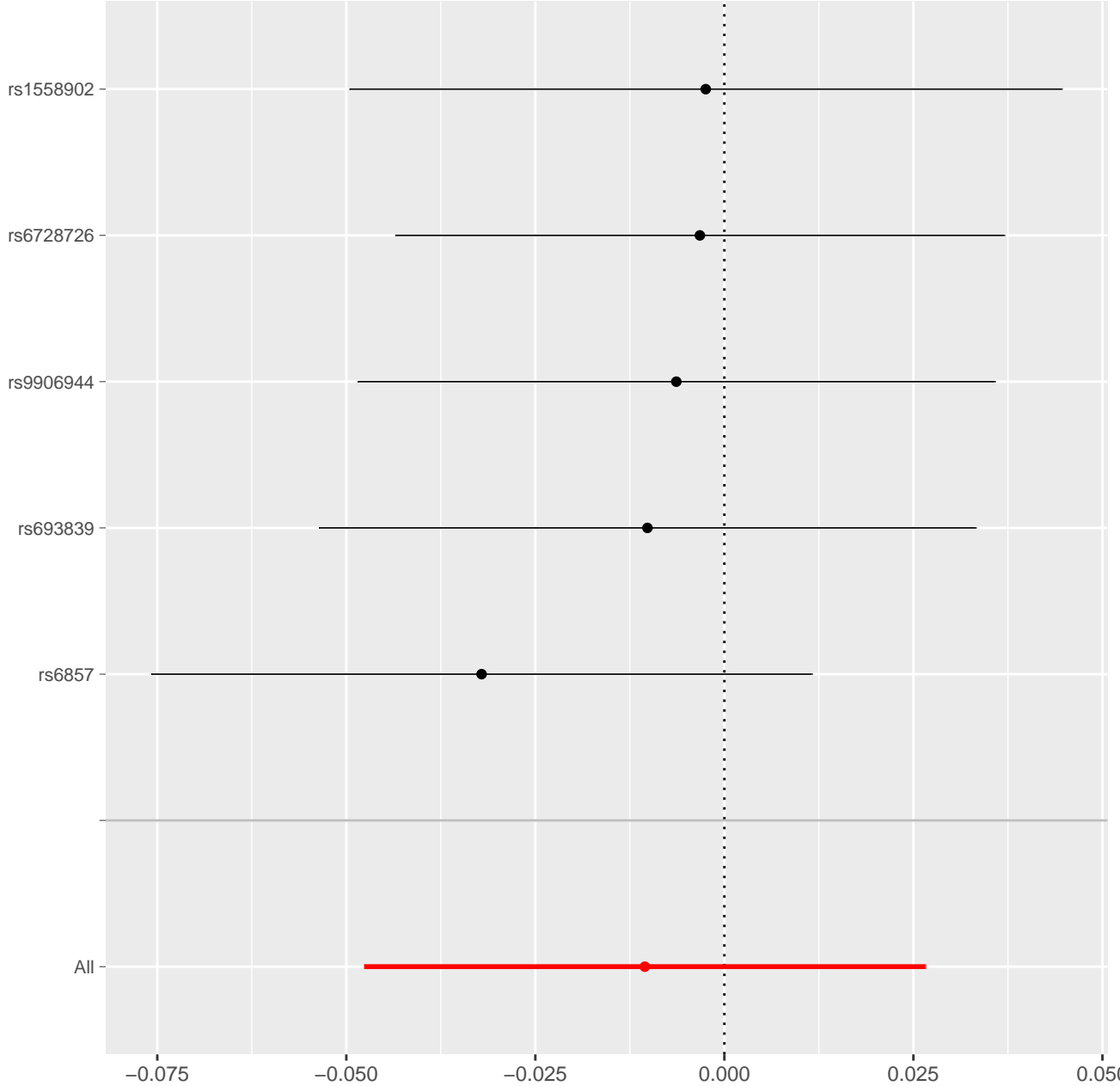
0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Linolenate [alpha or gamma; (18:3n3 or 6)] || id:628'









rs1558902

rs6857

rs6728726

rs693839

rs9906944

All

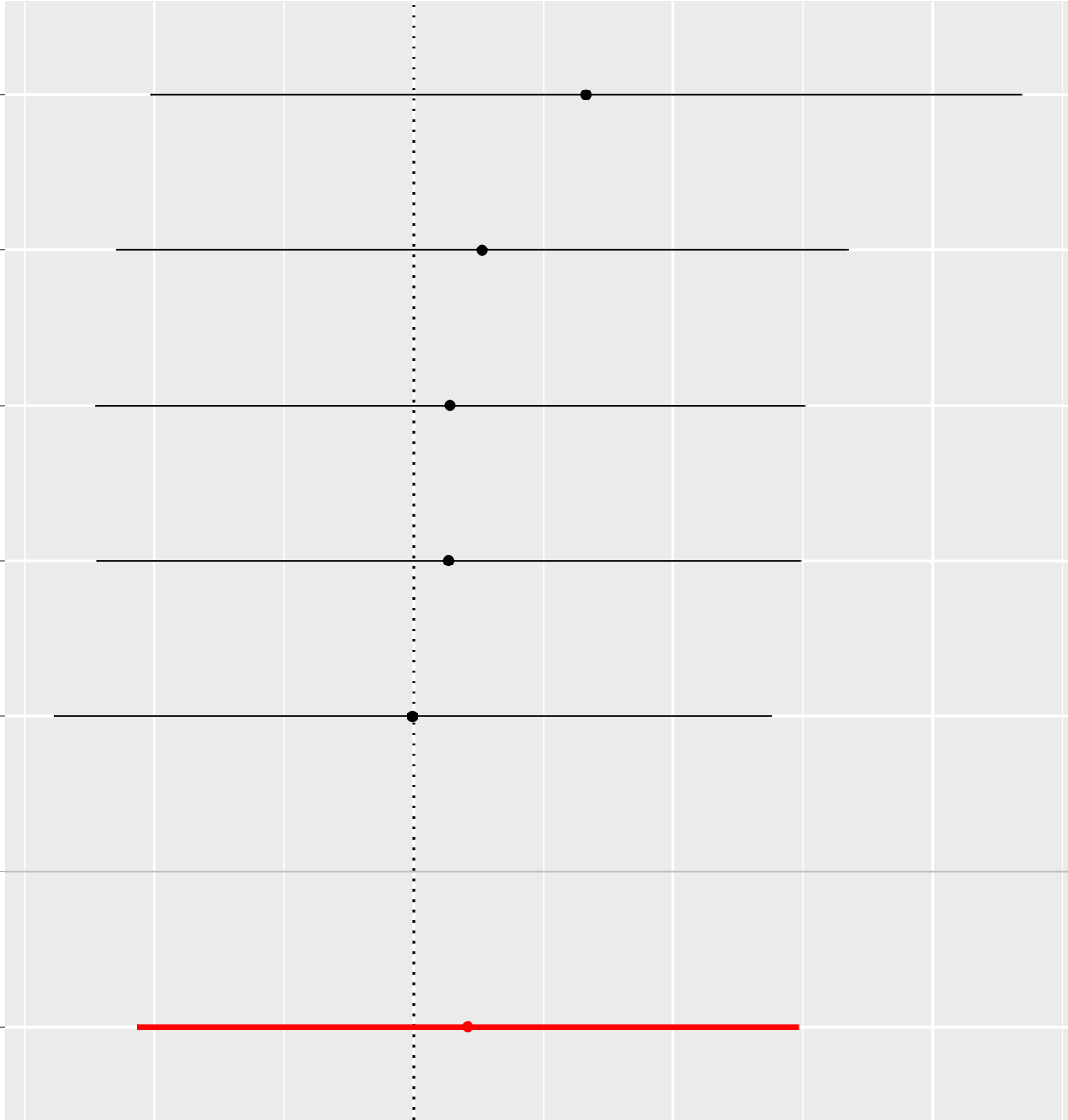
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Bilirubin (E,Z or Z,E)\* || id:631'



rs6857

rs6728726

rs9906944

rs1558902

rs693839

All

-0.2

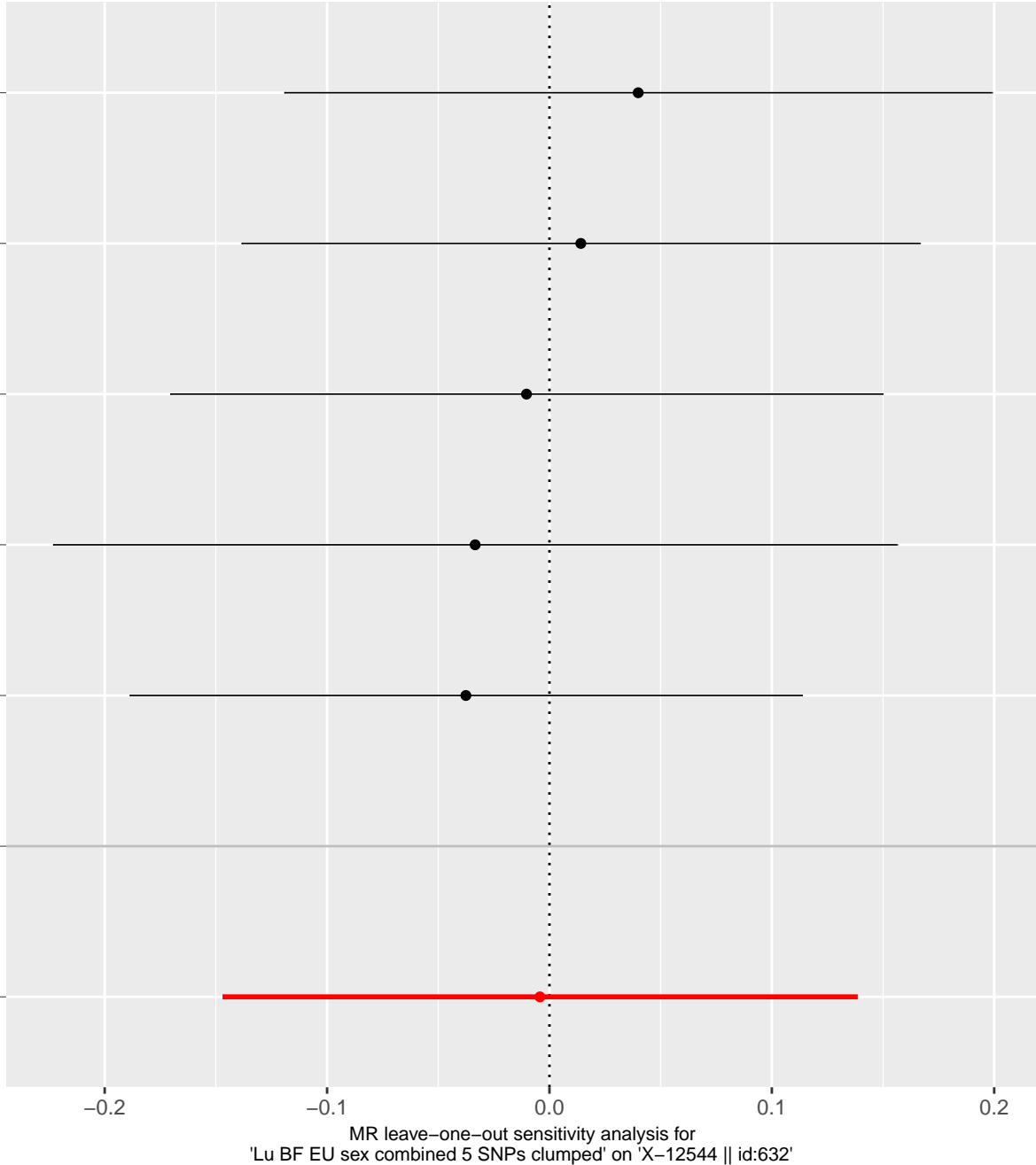
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12544 || id:632'



rs693839

rs6857

rs6728726

rs9906944

rs1558902

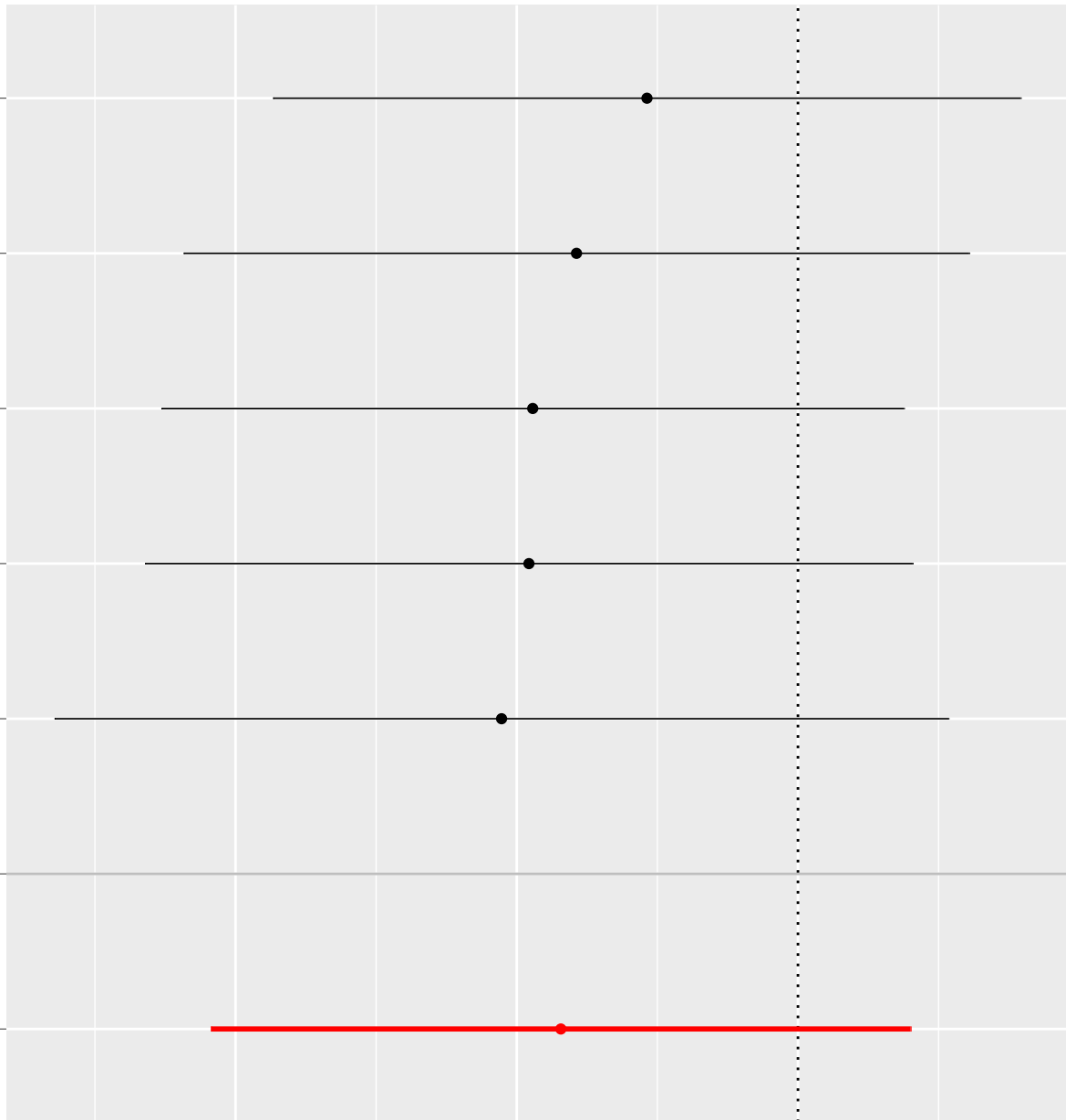
All

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12556 || id:633'



rs6728726

rs693839

rs9906944

rs6857

rs1558902

All

-0.10

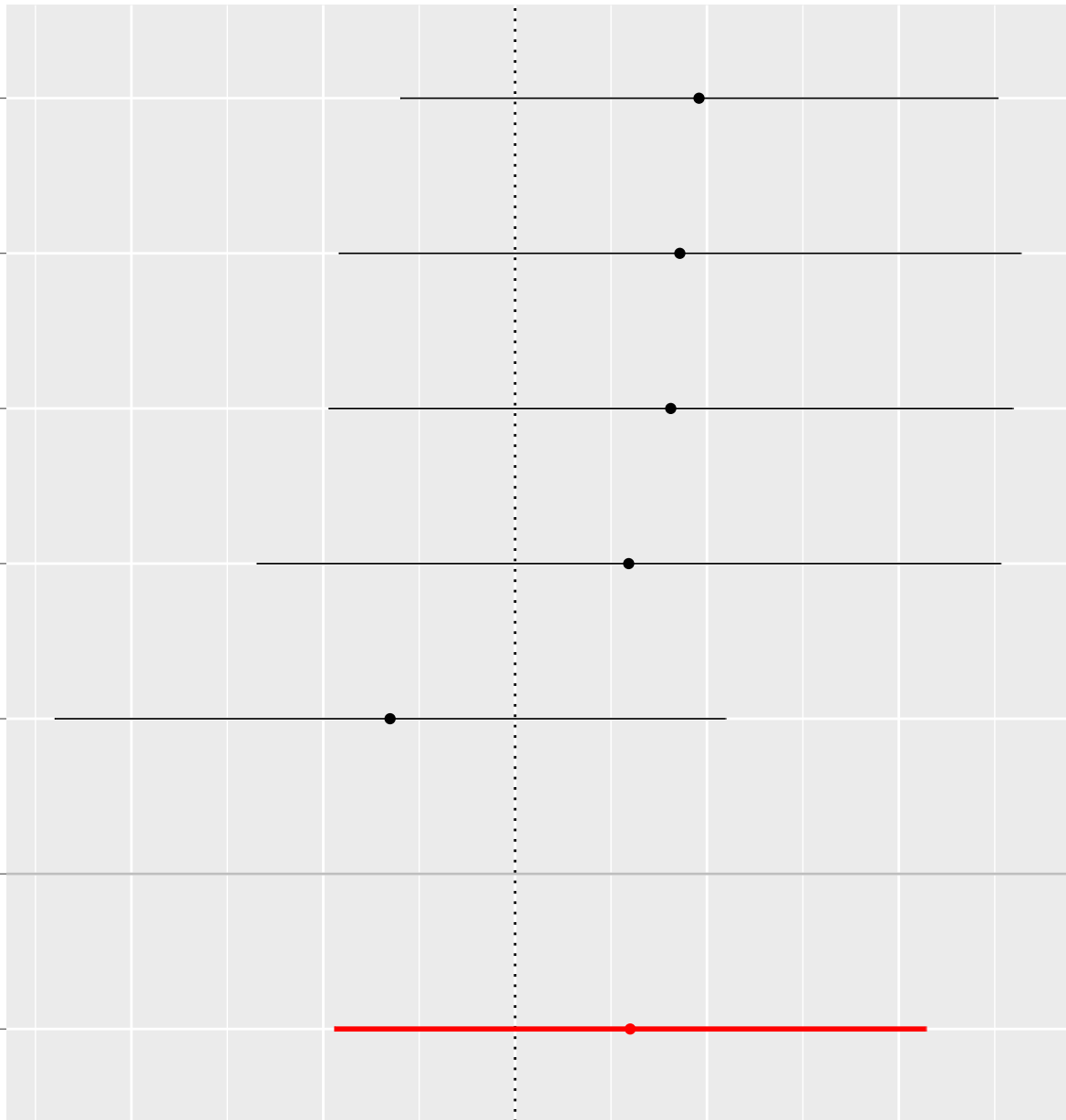
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-arachidonoylglycerophosphoinositol\* || id:634'



rs693839

rs9906944

rs6857

rs1558902

rs6728726

All

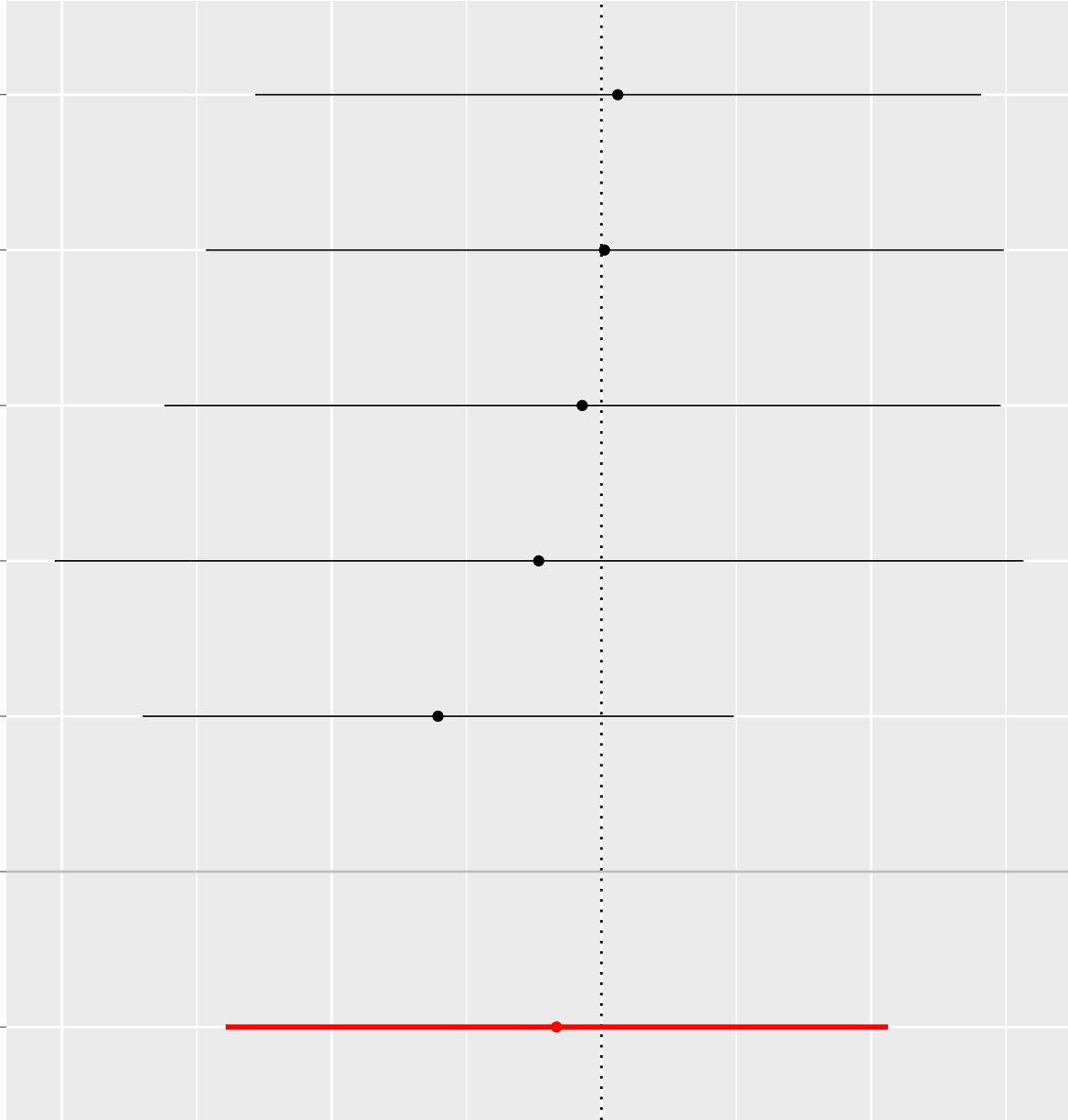
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12627 || id:635'



rs6857

rs1558902

rs9906944

rs693839

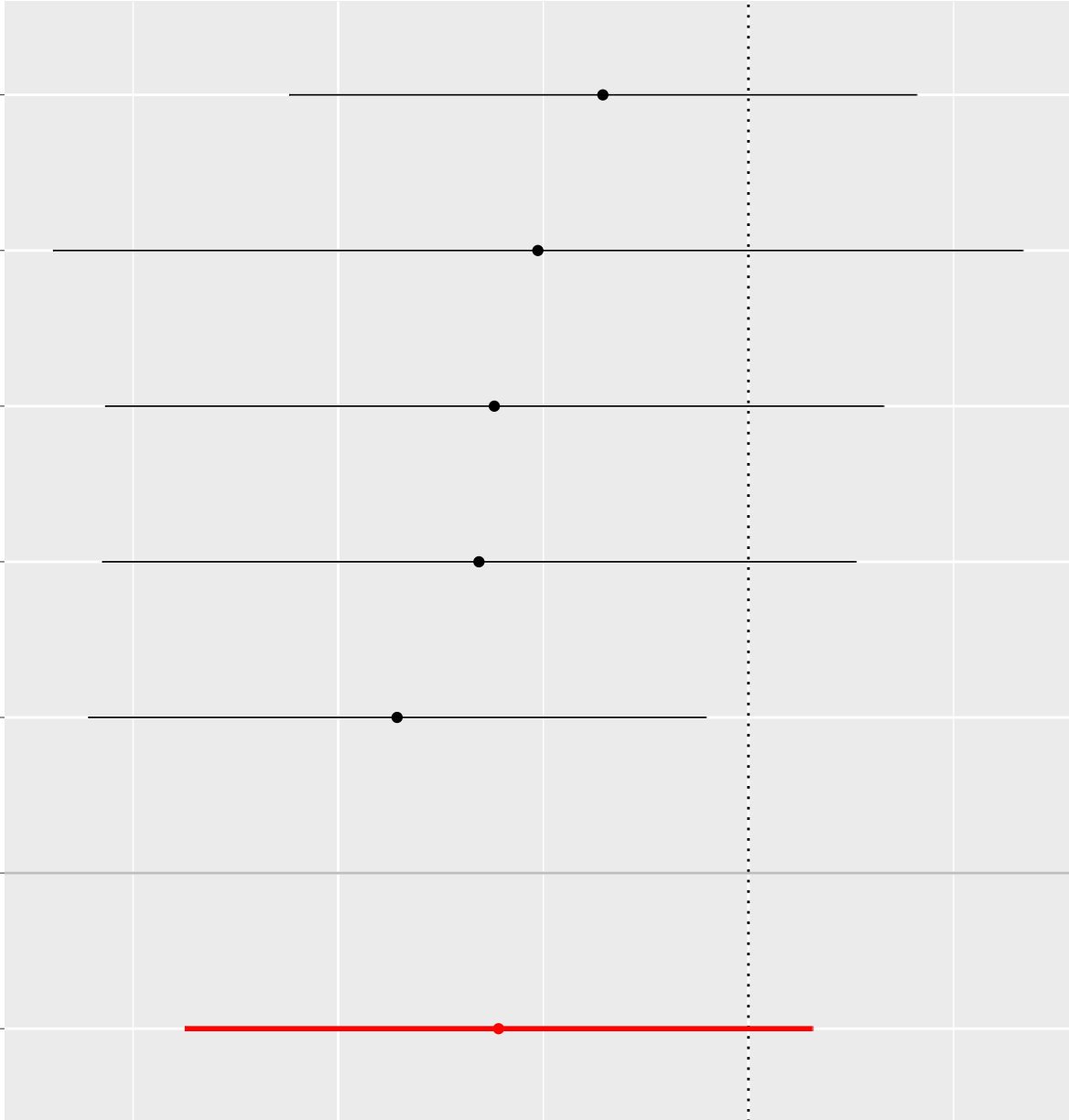
rs6728726

All

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12644 || id:636'



rs6857

rs9906944

rs693839

rs6728726

rs1558902

All

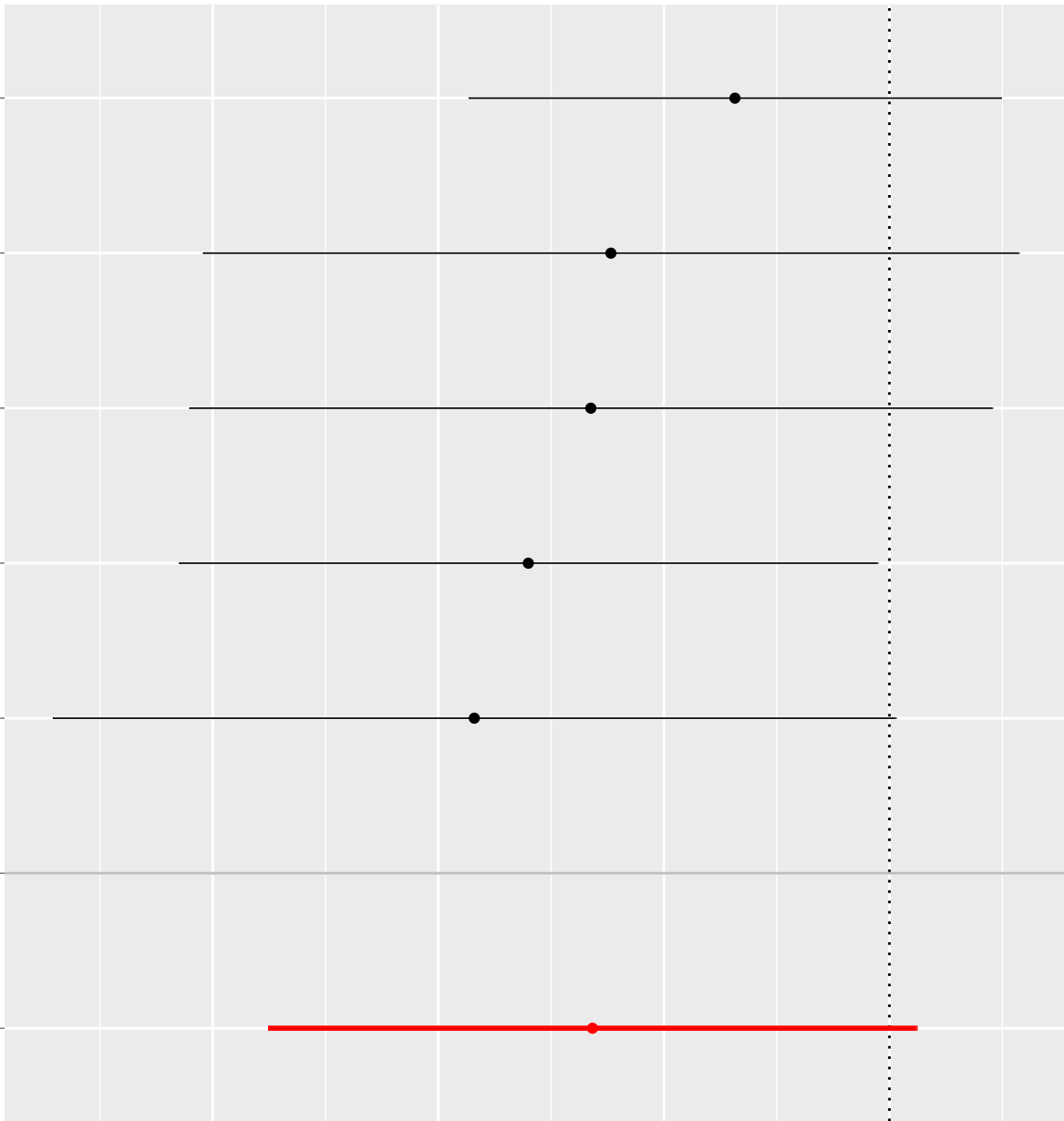
-0.3

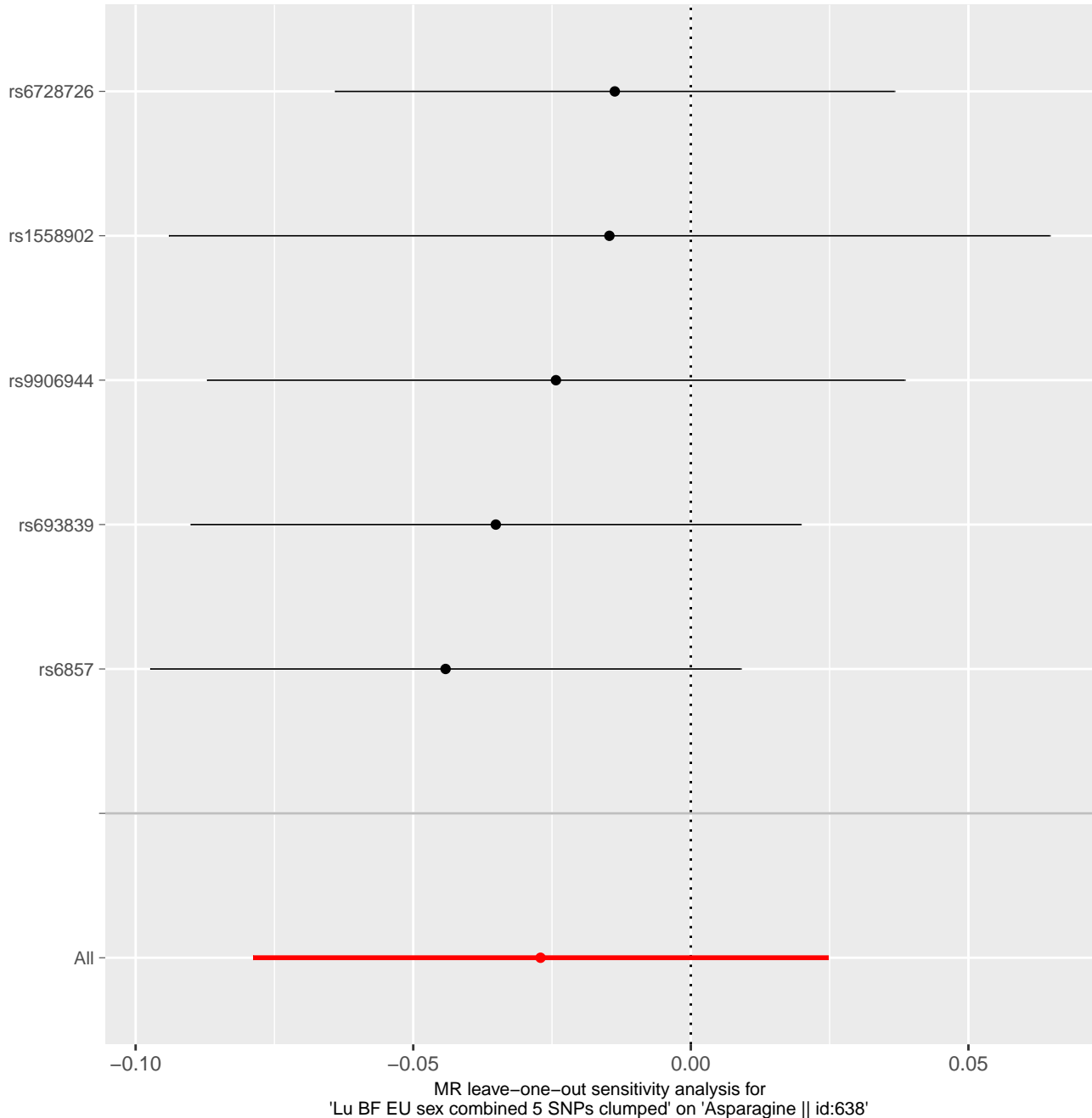
-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12645 || id:637'







rs6857

rs6728726

rs693839

rs9906944

rs1558902

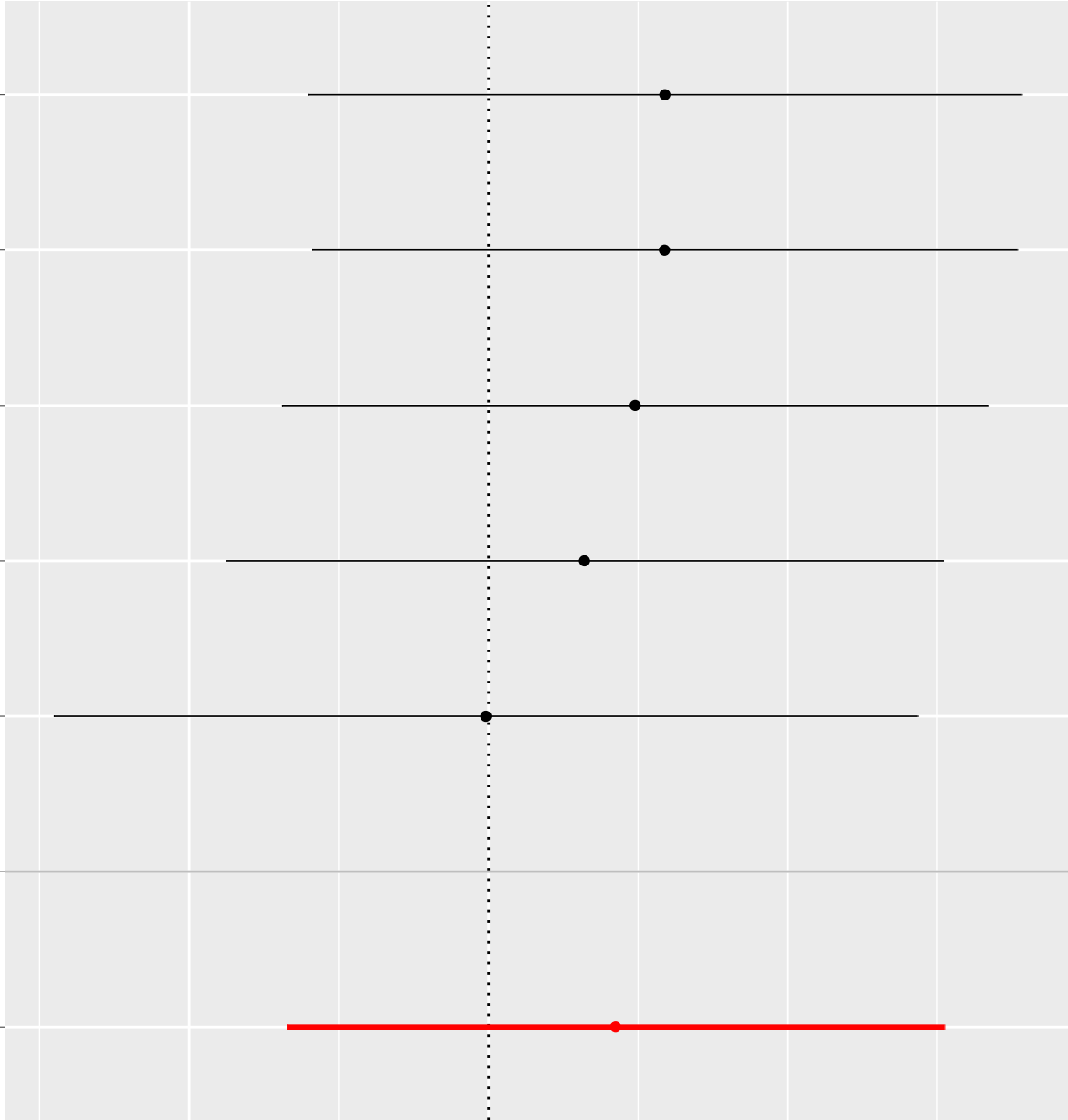
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12680 || id:639'



rs6857

rs693839

rs6728726

rs9906944

rs1558902

All

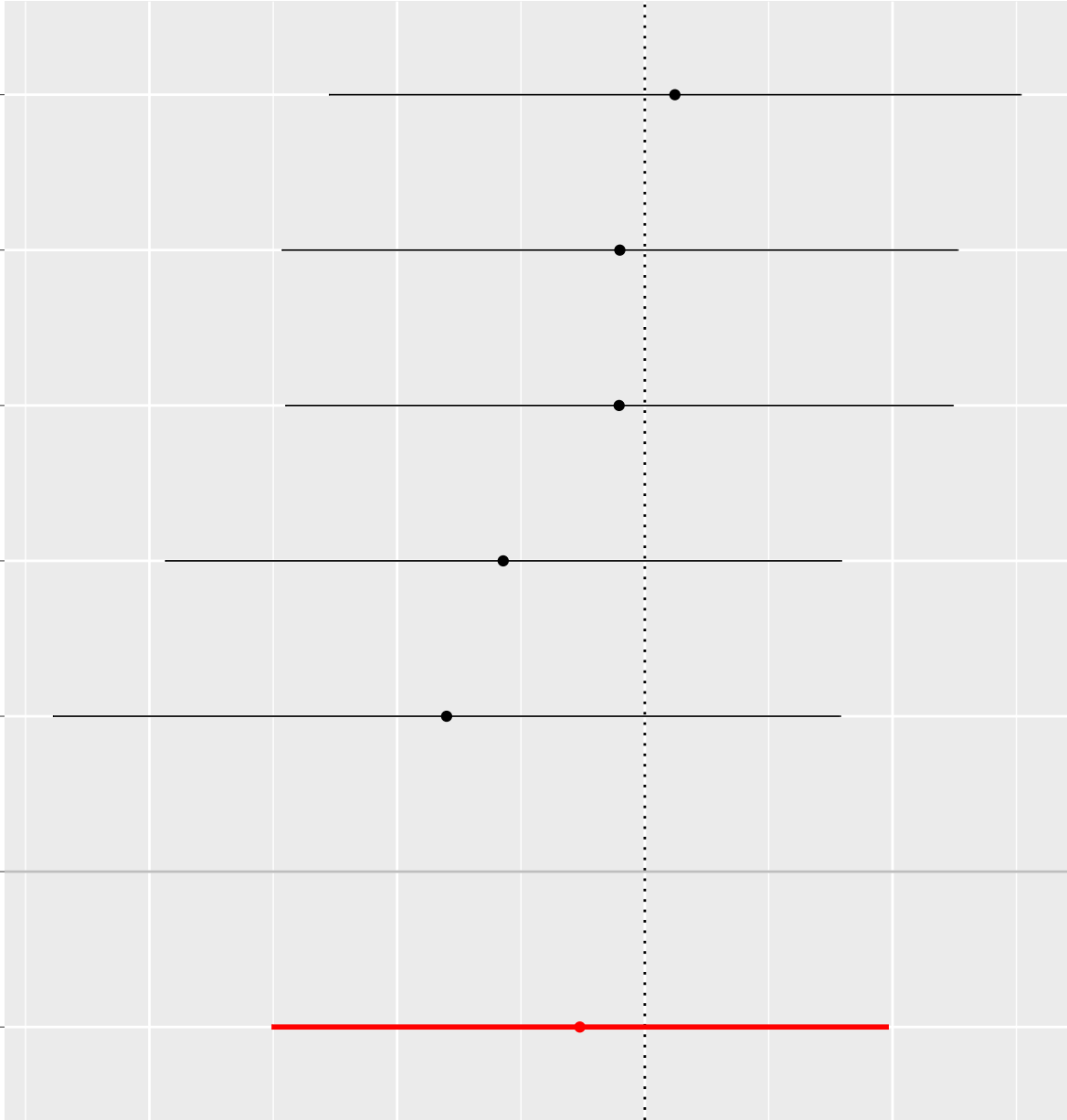
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12696 || id:640'



rs1558902

rs693839

rs9906944

rs6728726

rs6857

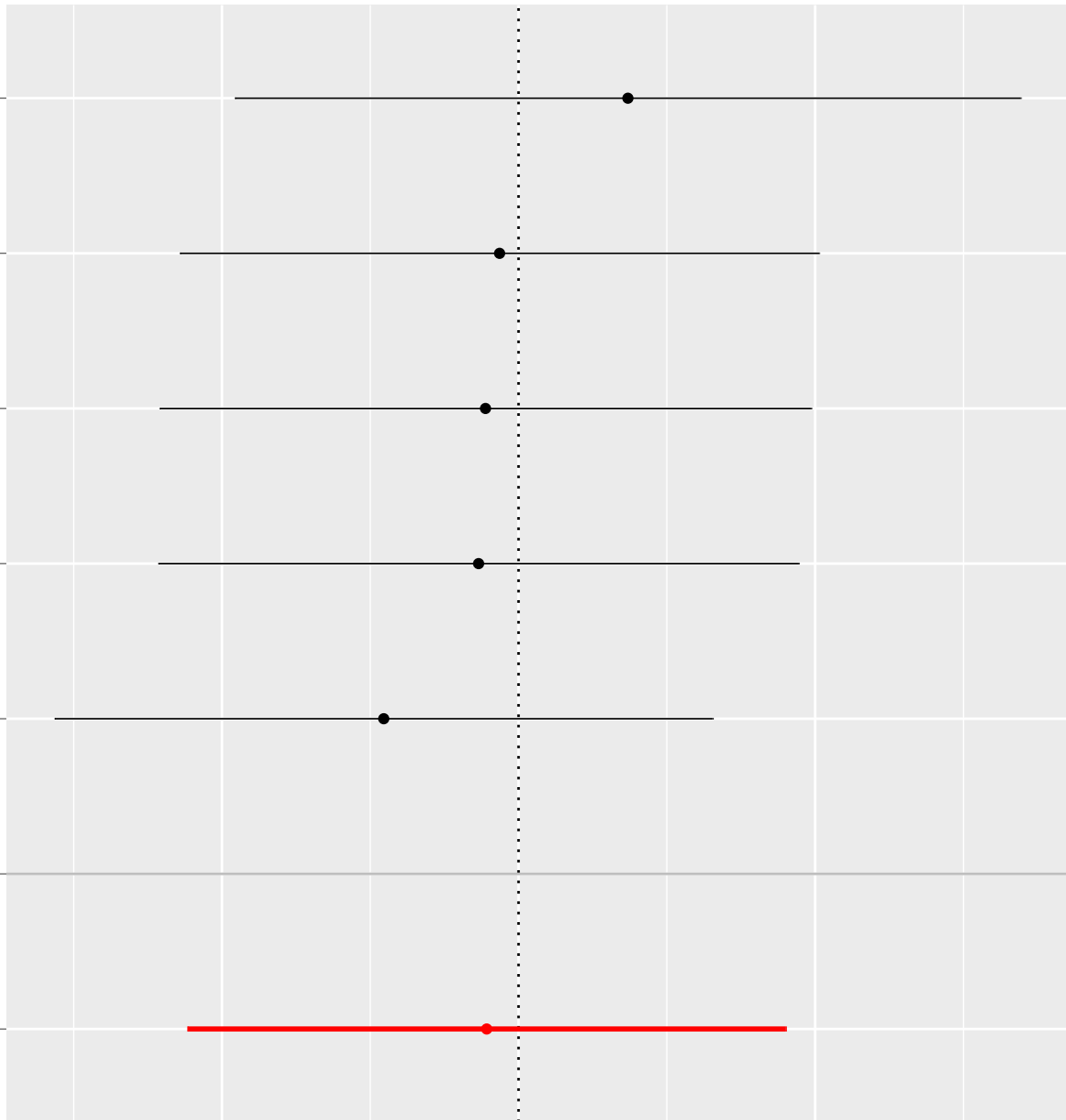
All

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12704 || id:641'



rs6728726

rs6857

rs693839

rs1558902

rs9906944

All

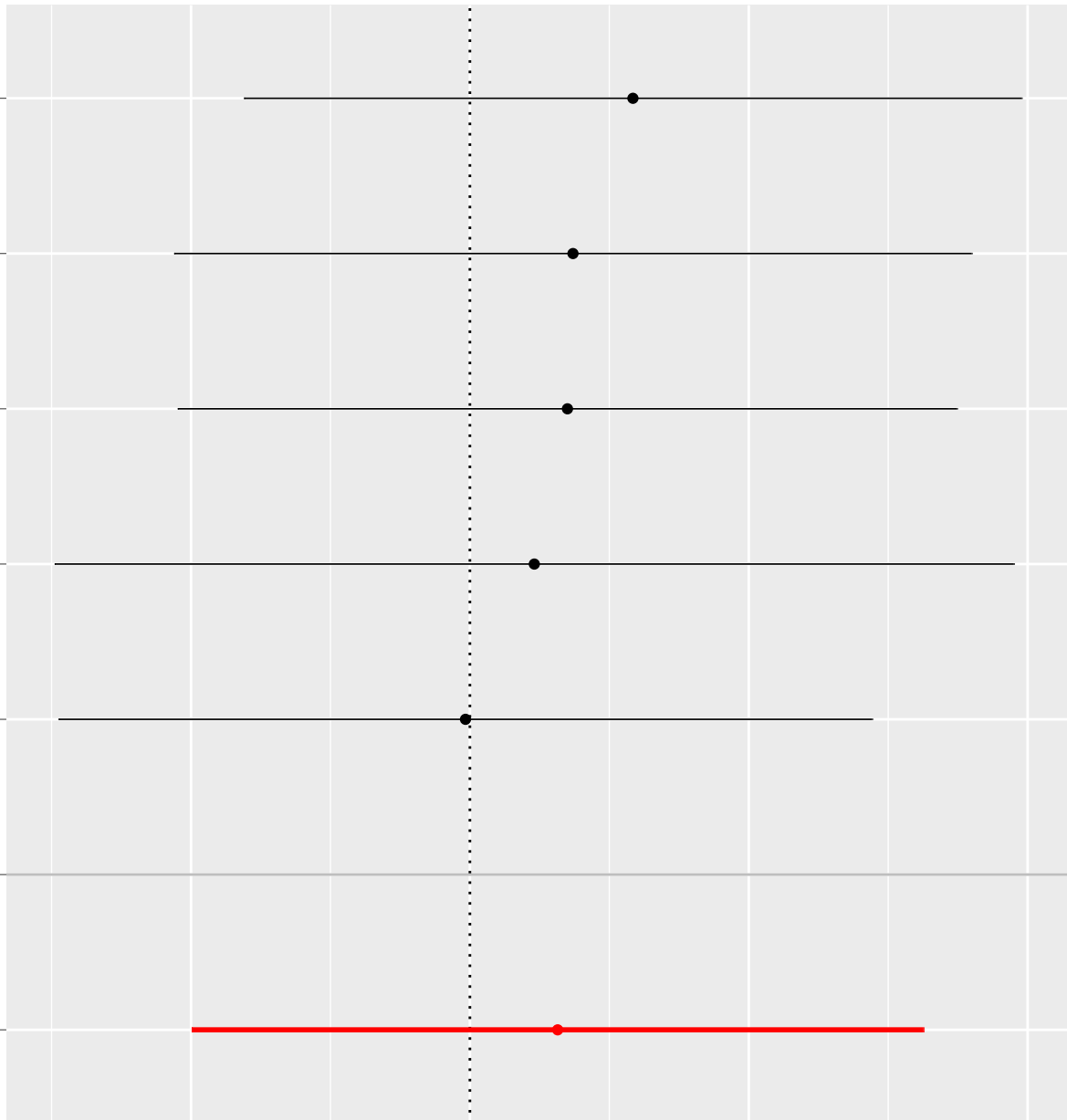
-0.25

0.00

0.25

0.50

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12712 || id:642'



rs1558902

rs6728726

rs9906944

rs6857

rs693839

All

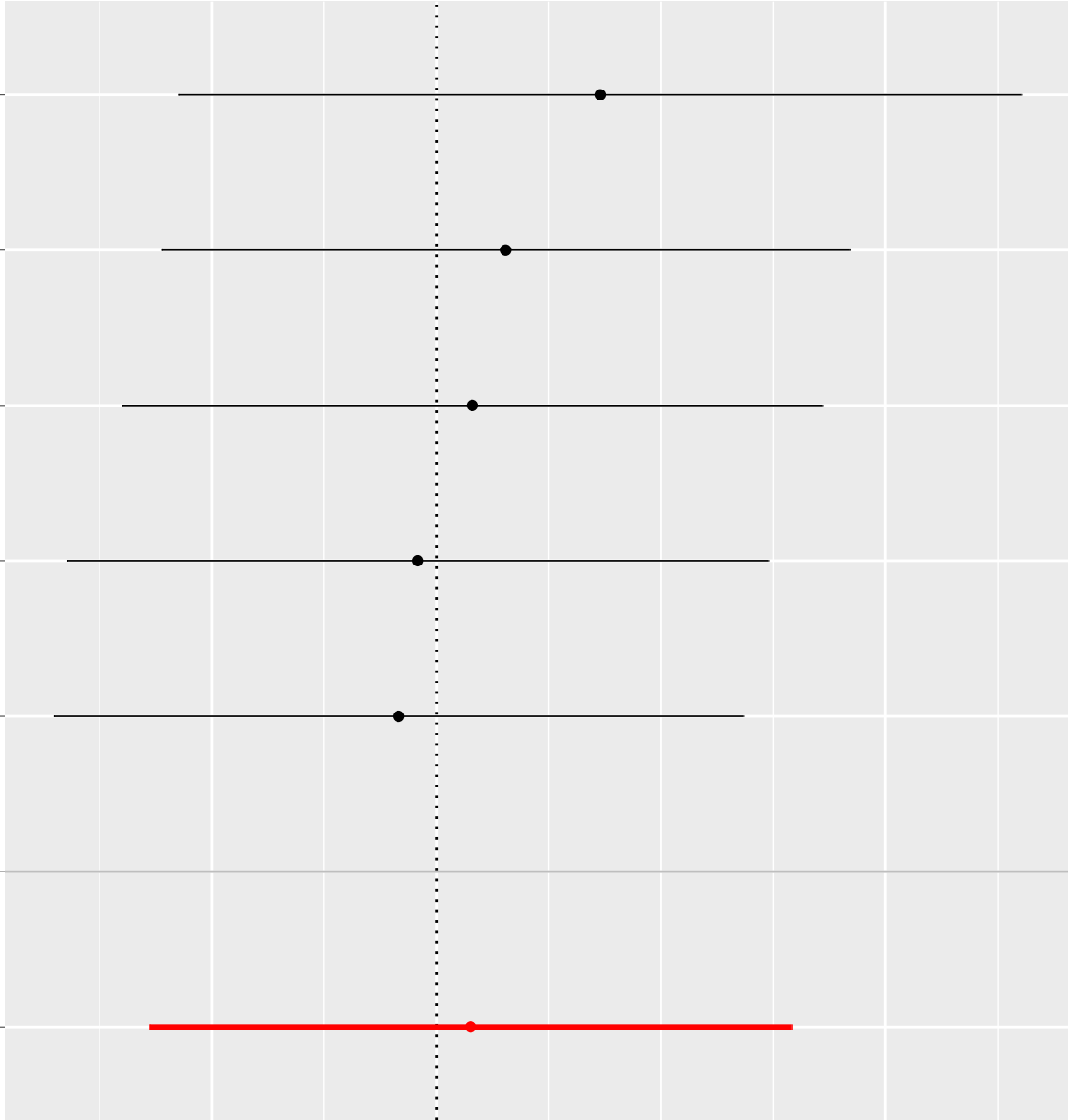
-0.2

0.0

0.2

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12717 || id:643'



rs9906944

rs1558902

rs6728726

rs693839

rs6857

All

-0.2

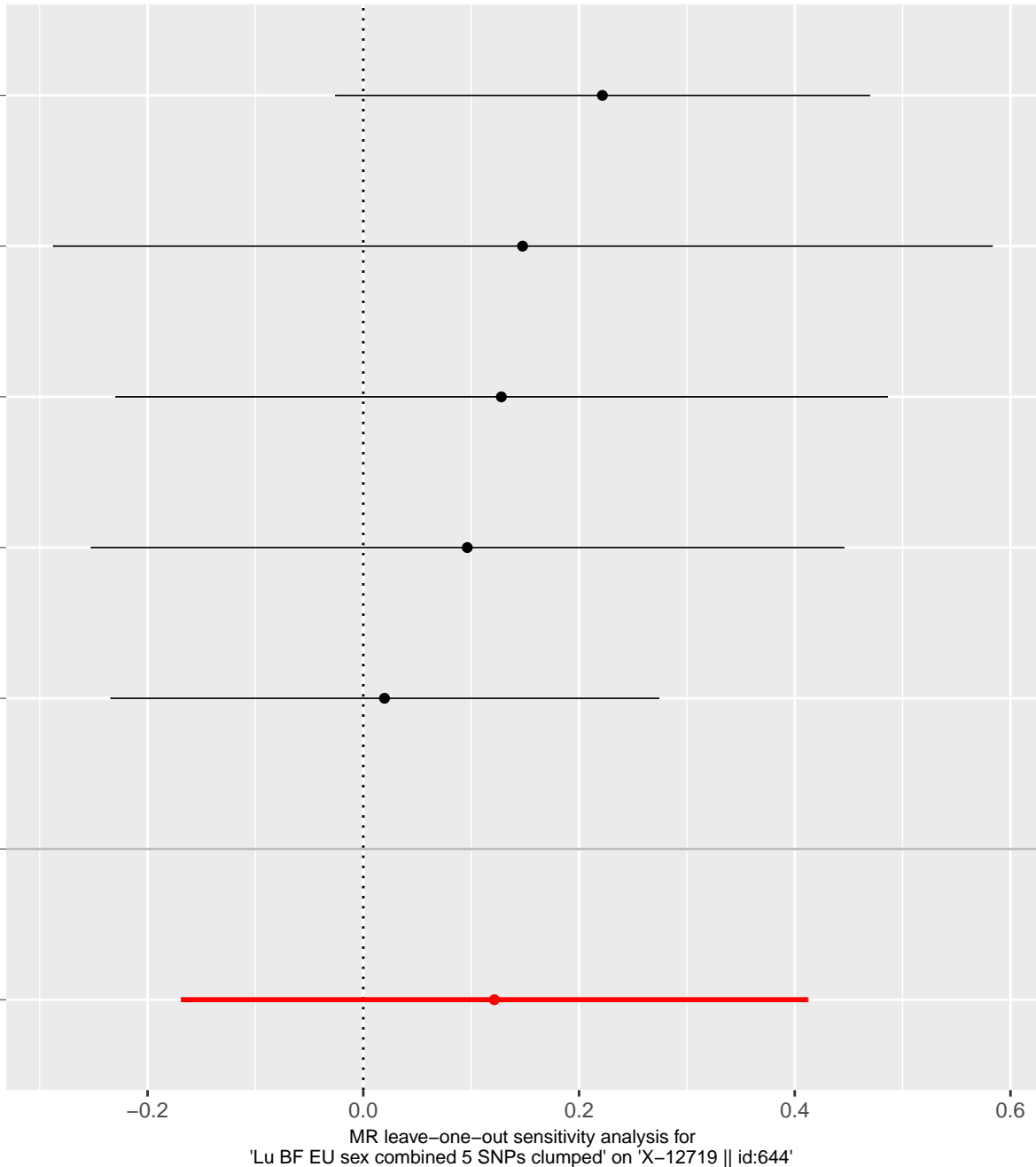
0.0

0.2

0.4

0.6

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12719 || id:644'



rs1558902

rs693839

rs6857

rs9906944

rs6728726

All

-0.05

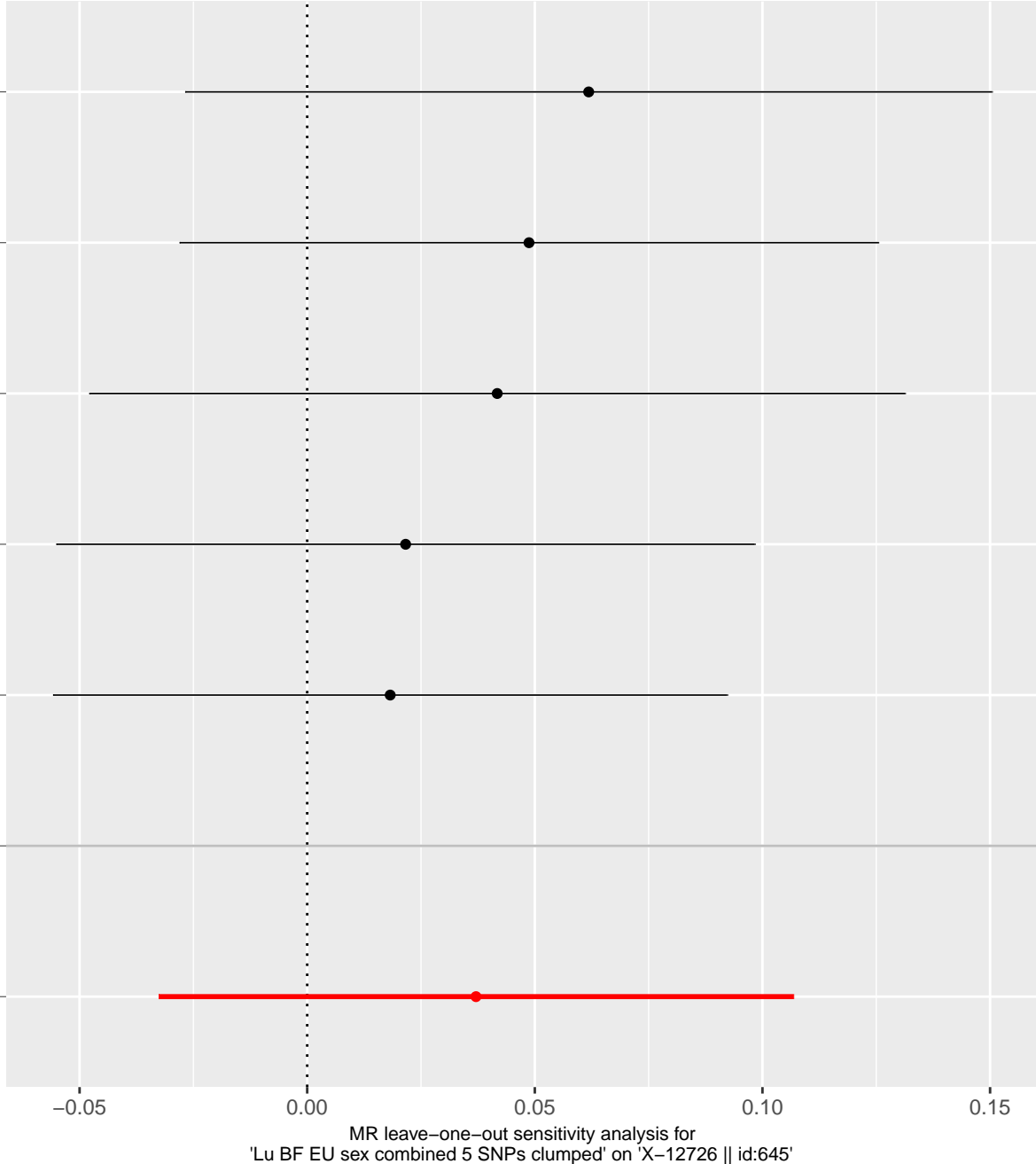
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12726 || id:645'



rs9906944

rs6728726

rs693839

rs1558902

rs6857

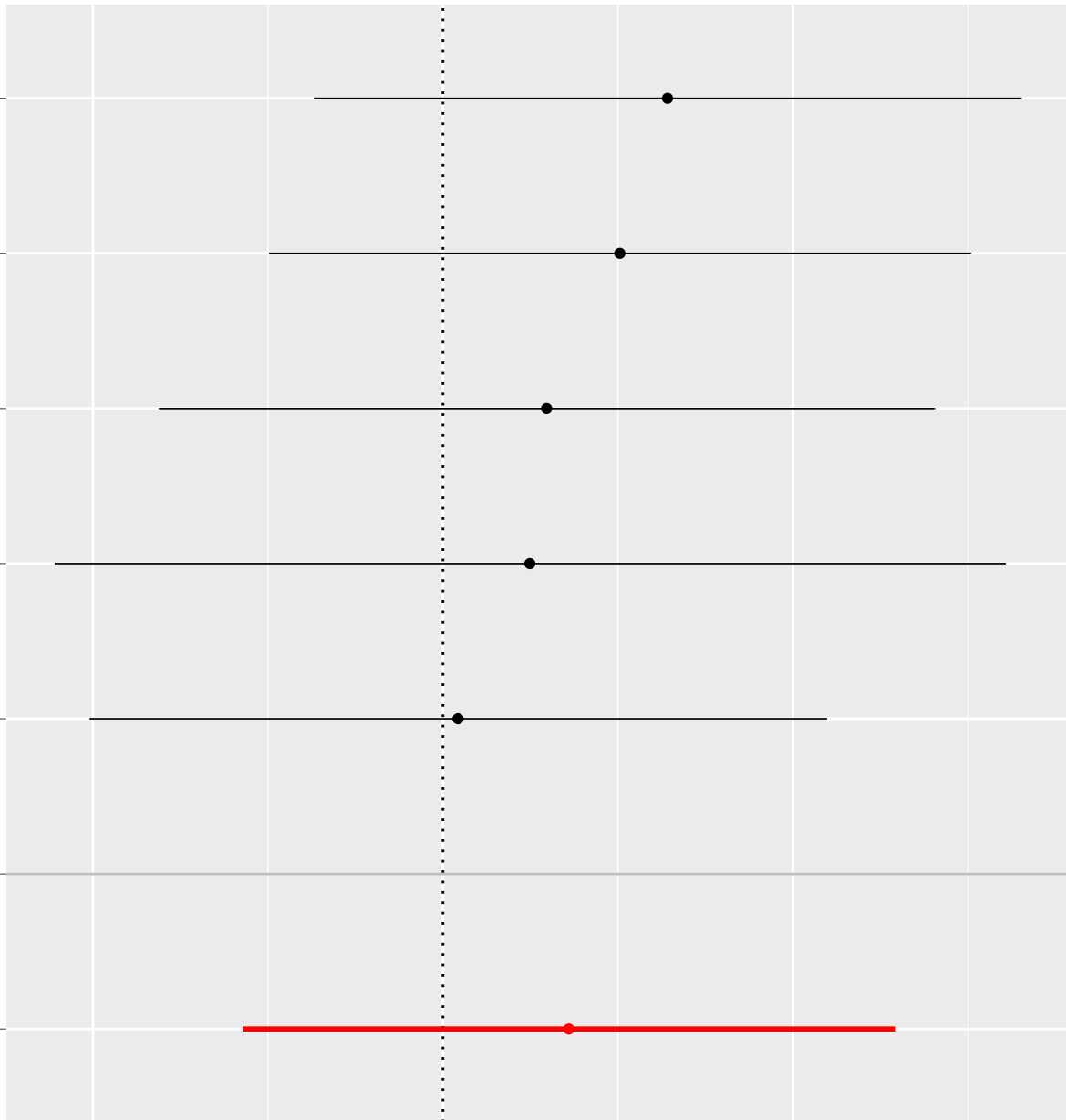
All

-0.5

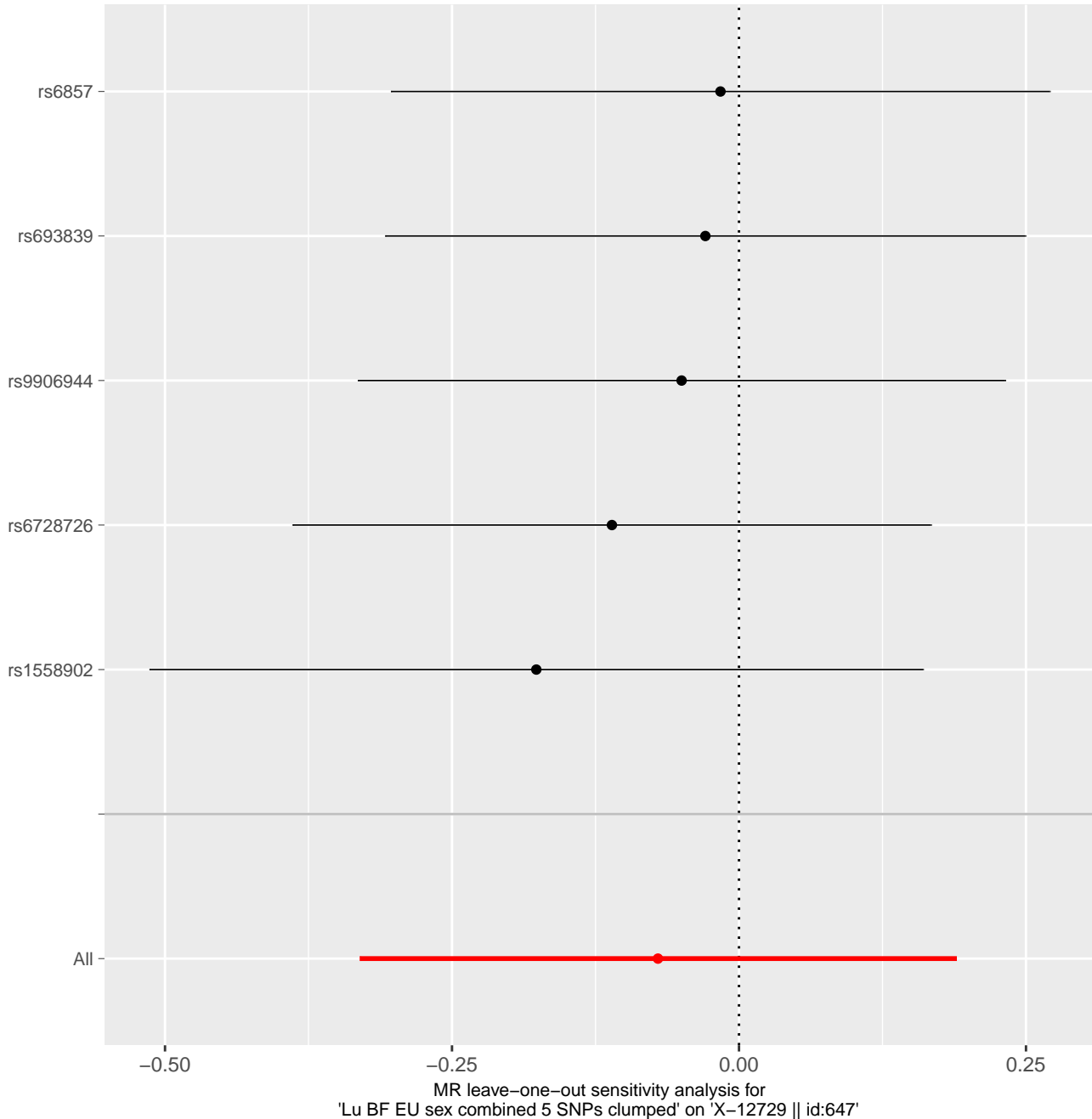
0.0

0.5

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12728 || id:646'







rs6728726

rs6857

rs693839

rs1558902

rs9906944

All

-0.2

-0.1

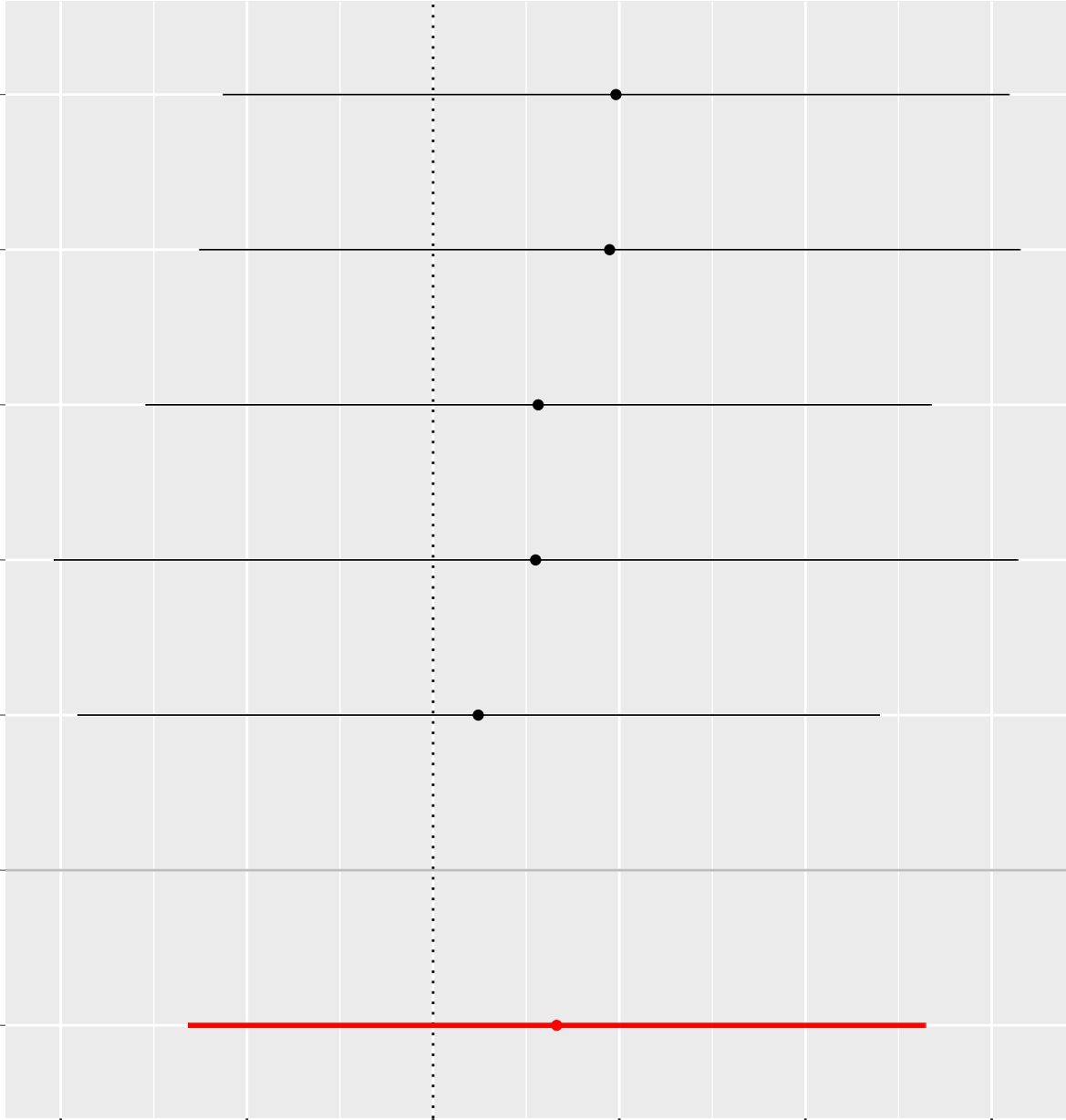
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12734 || id:648'



rs6857

rs9906944

rs6728726

rs693839

rs1558902

All

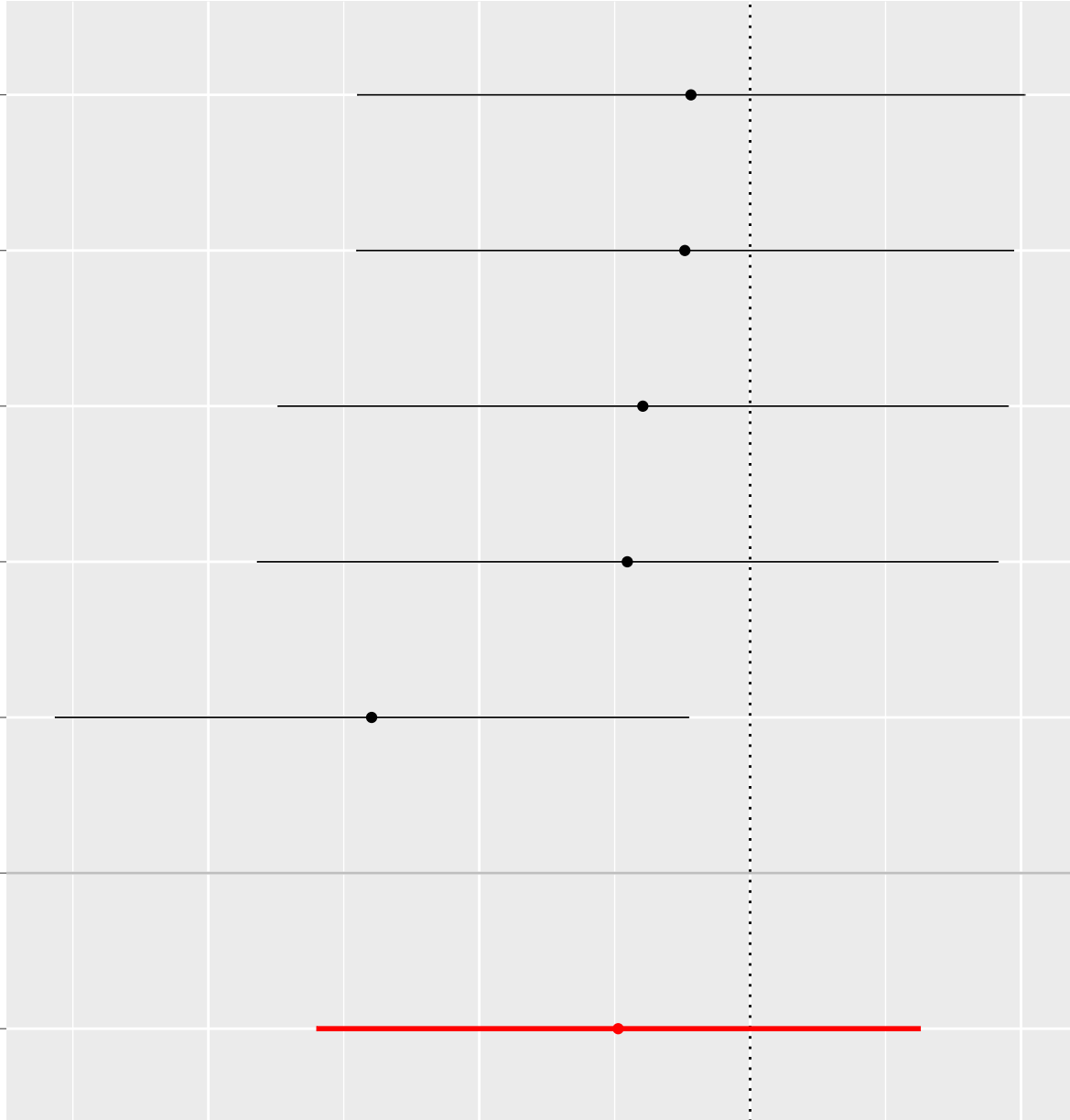
-0.50

-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12740 || id:649'



rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

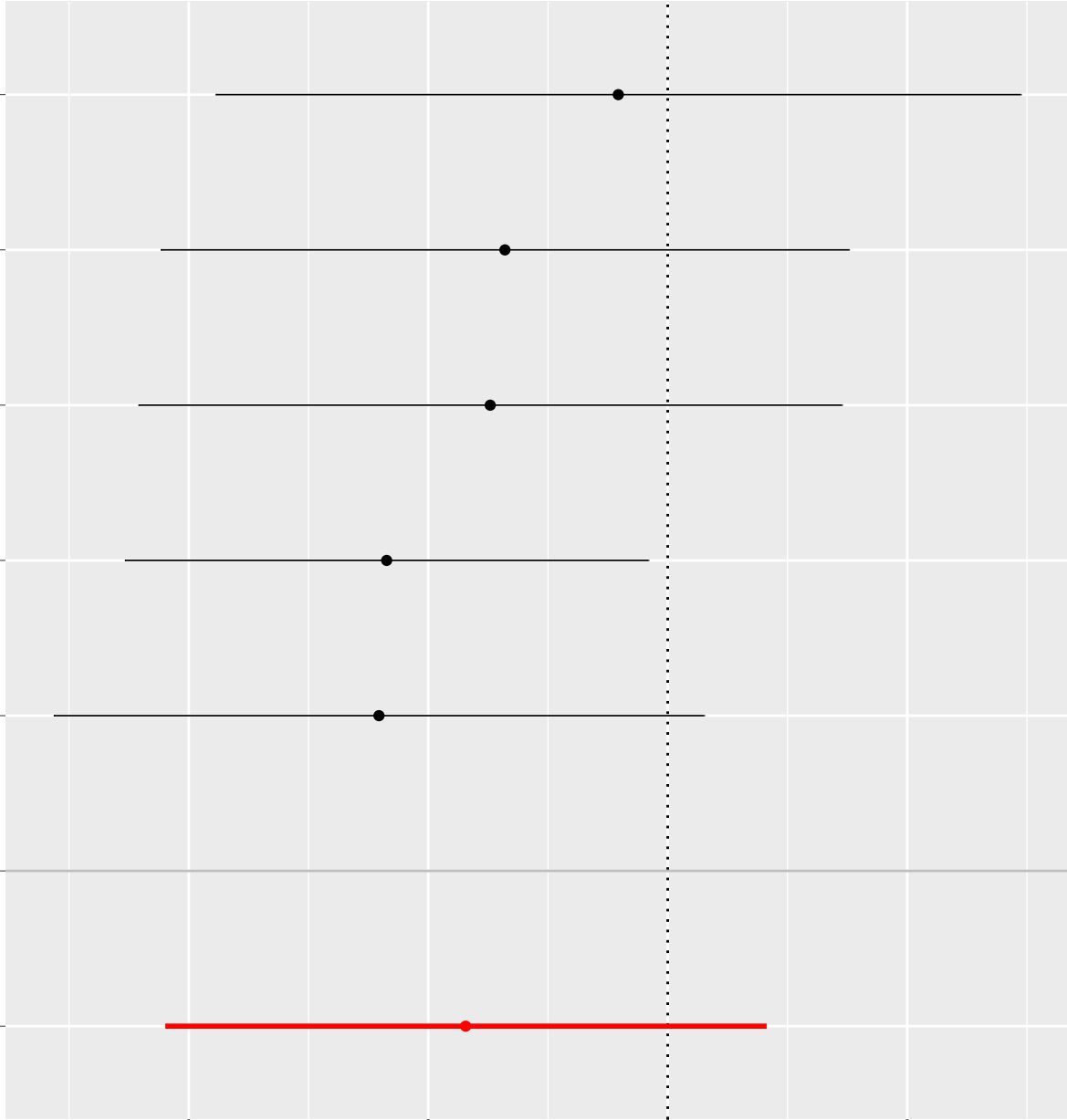
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12749 || id:650'



rs693839

rs1558902

rs9906944

rs6728726

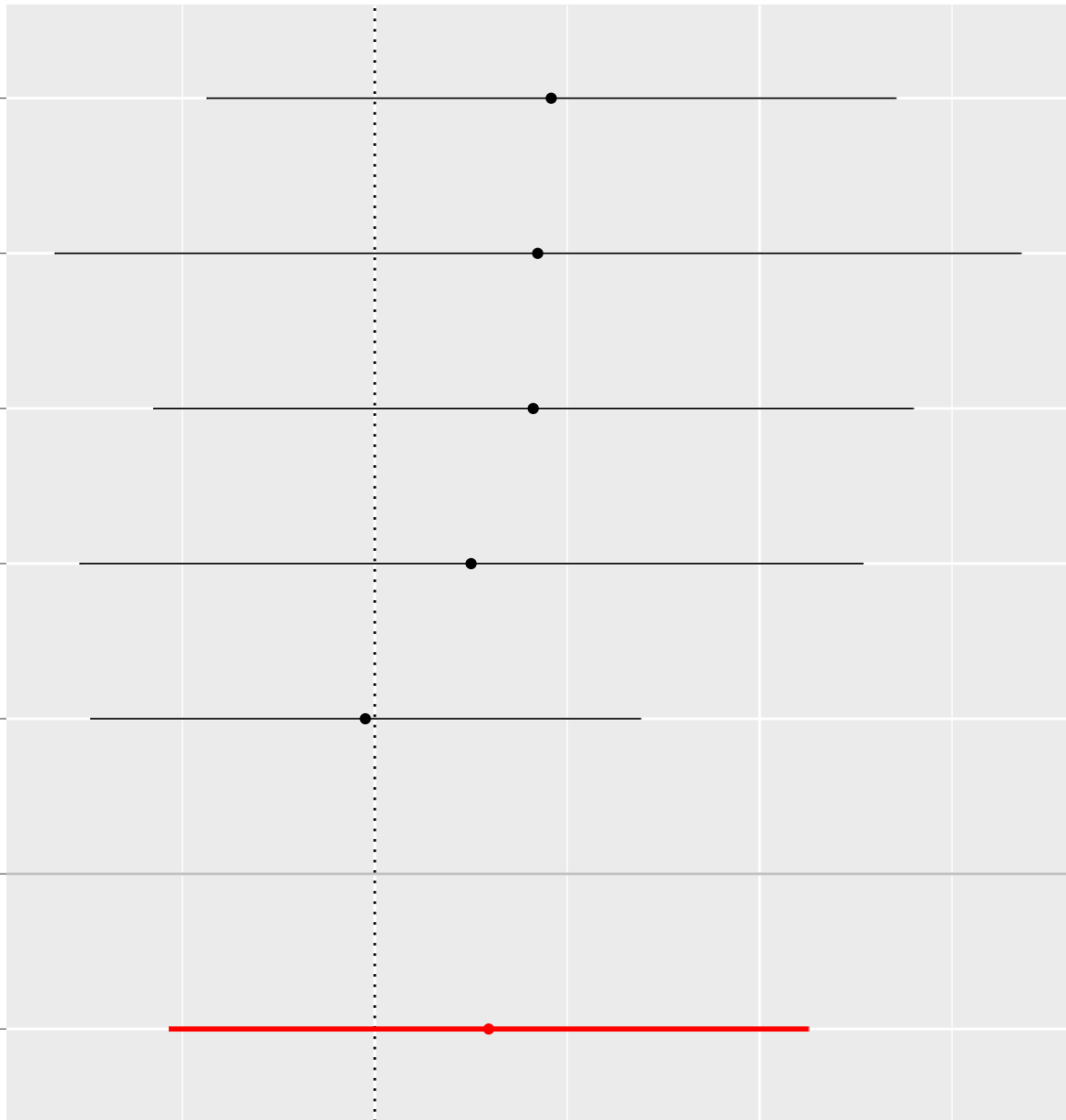
rs6857

All

0.0

0.5

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Stachydrine || id:651'



rs6857

rs6728726

rs693839

rs9906944

rs1558902

All

-0.10

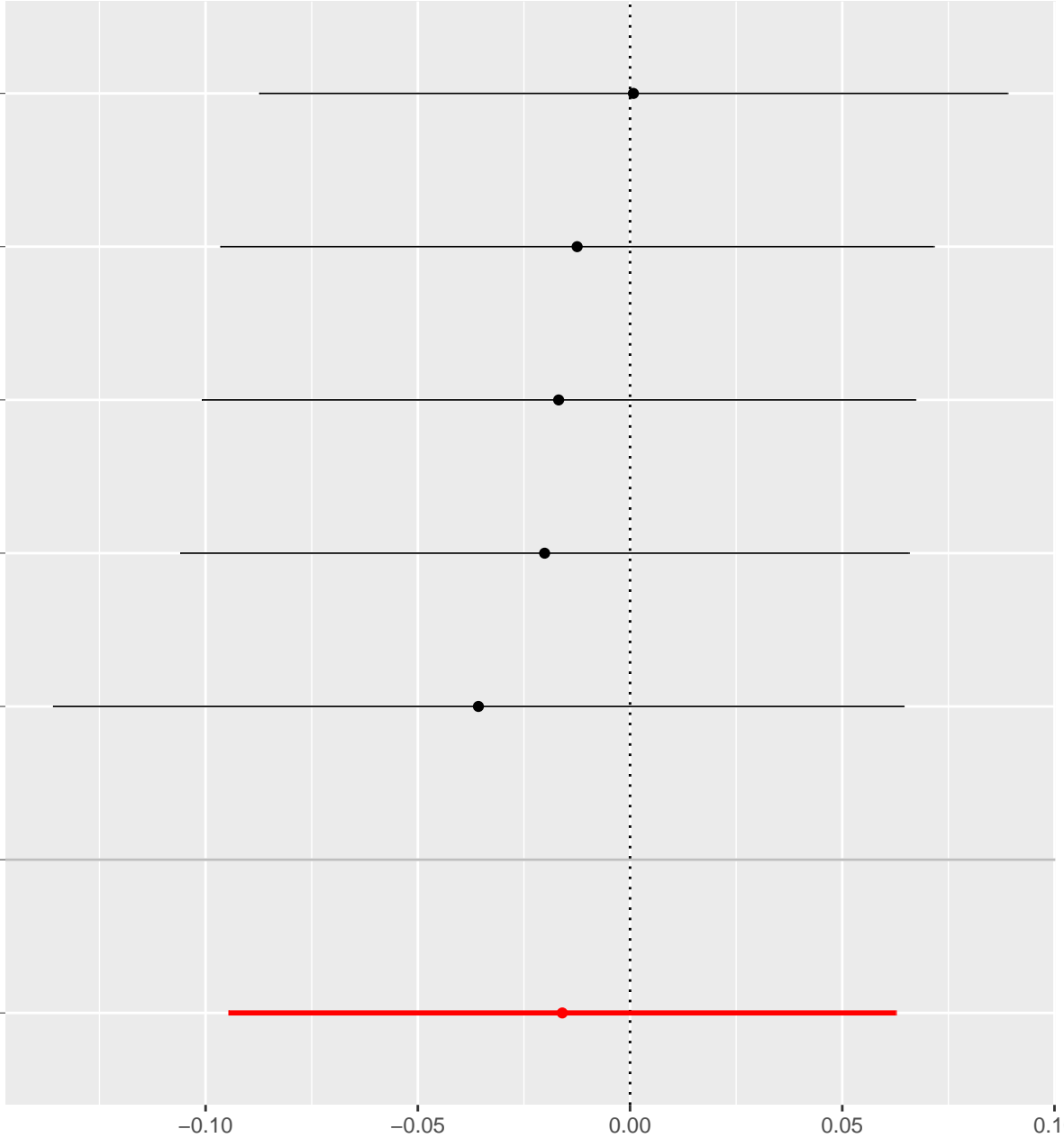
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Isovalerylcarnitine || id:652'



rs1558902

rs6728726

rs6857

rs9906944

rs693839

All

-0.10

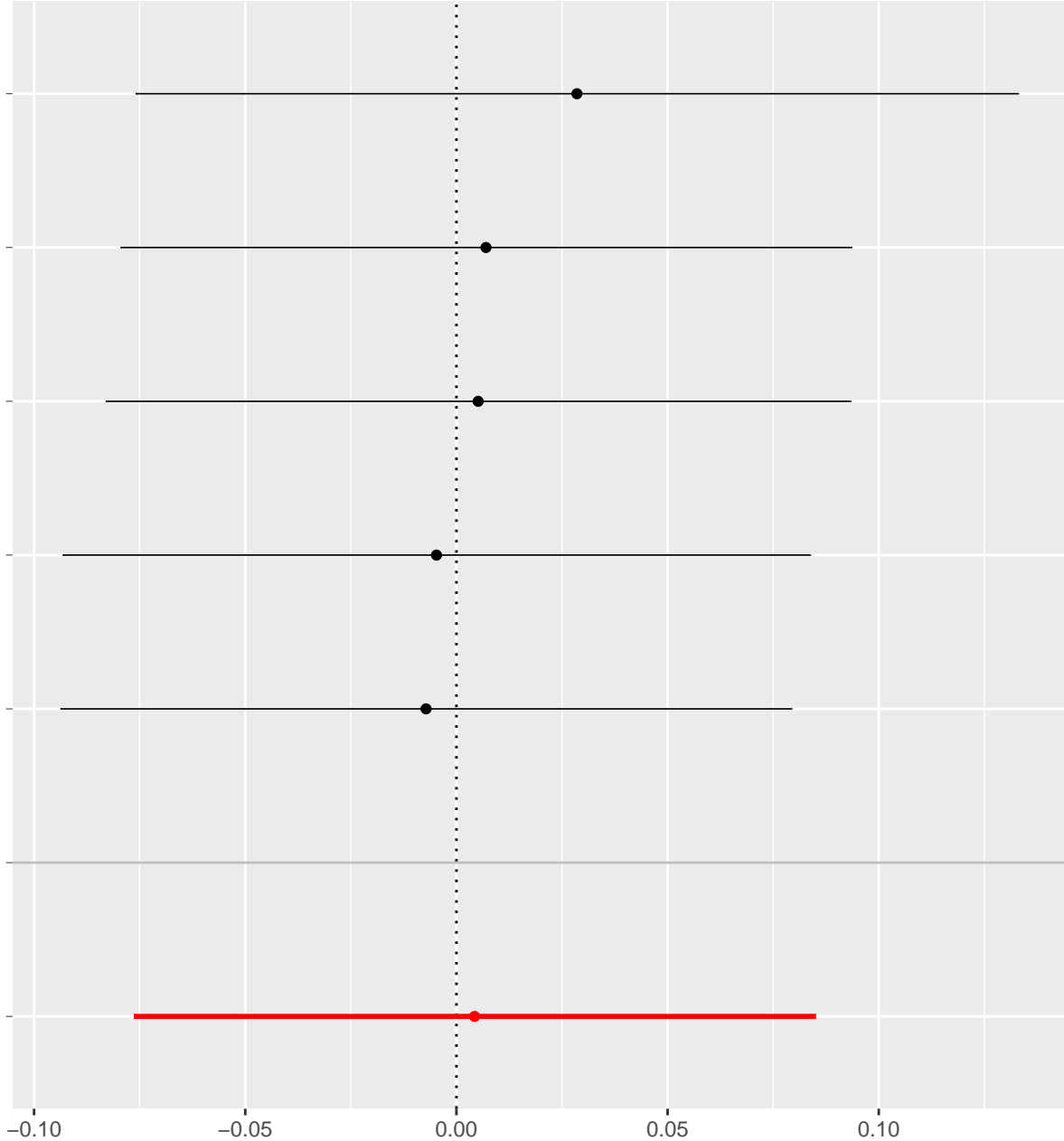
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Stearoylcarnitine || id:653'



rs6857

rs6728726

rs693839

rs9906944

rs1558902

All

-0.20

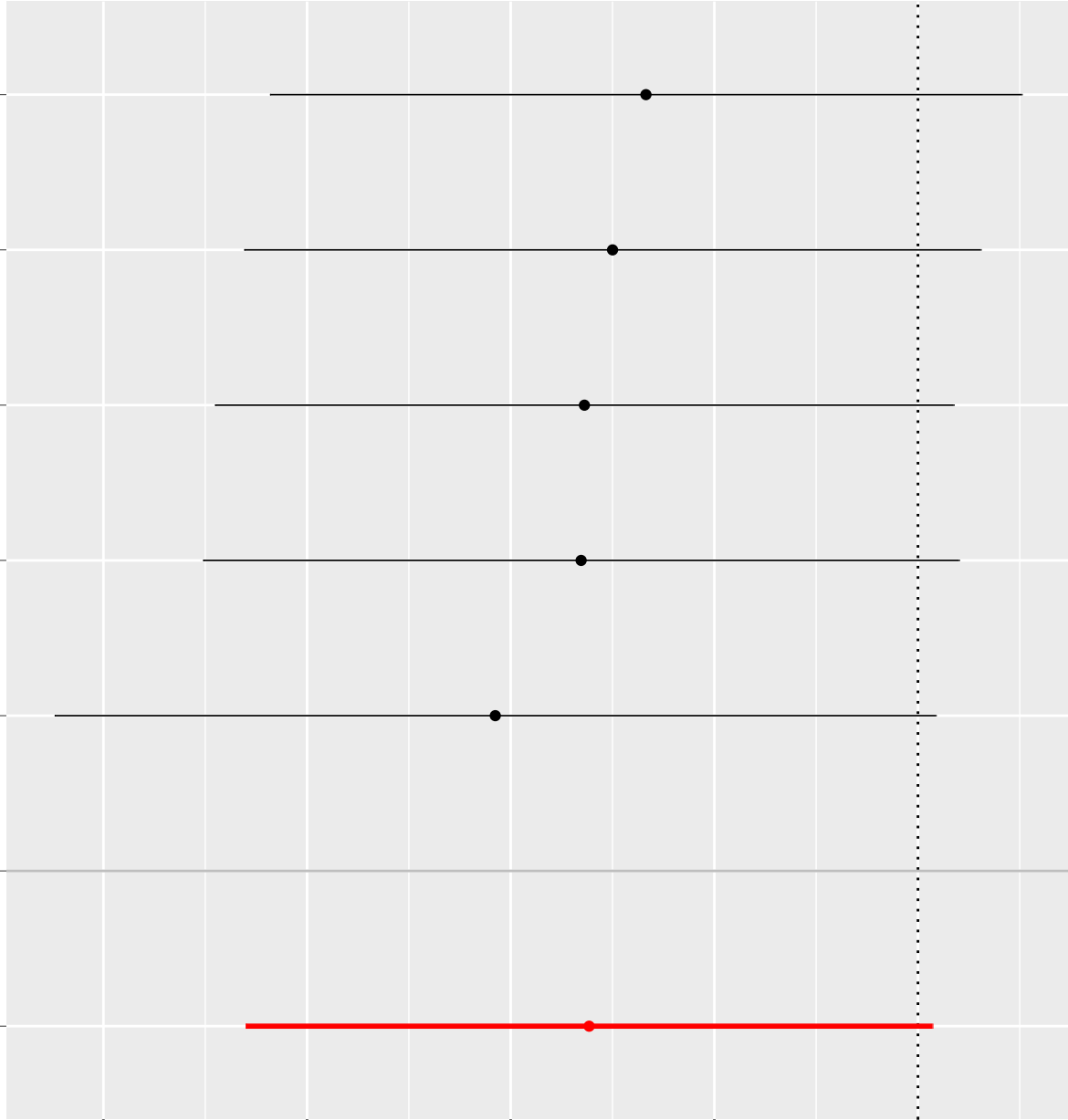
-0.15

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-stearoylglycerophosphoethanolamine || id:654'





rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

-0.10

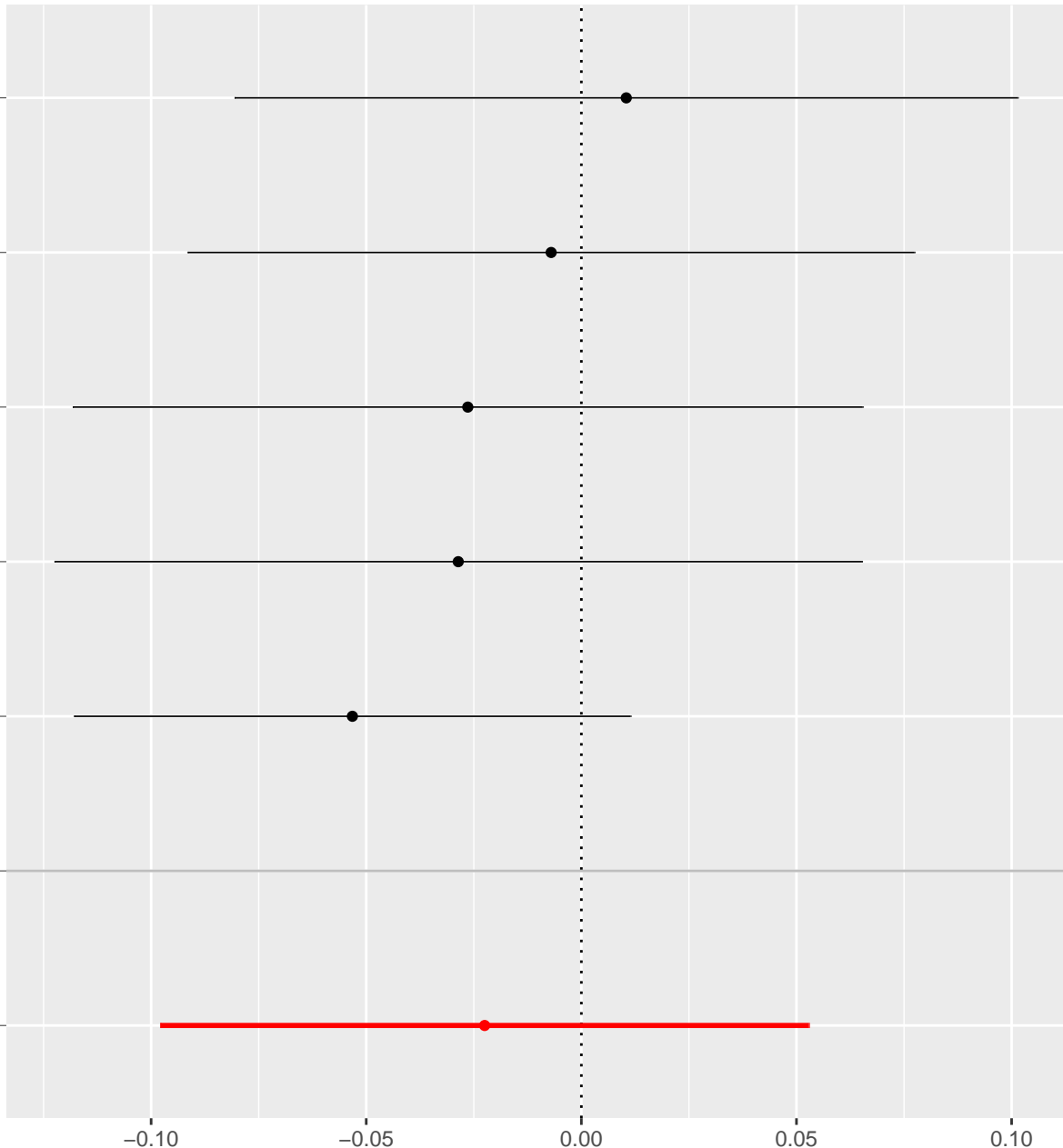
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-linoleoylglycerophosphocholine || id:655'



rs6728726

rs6857

rs9906944

rs1558902

rs693839

All

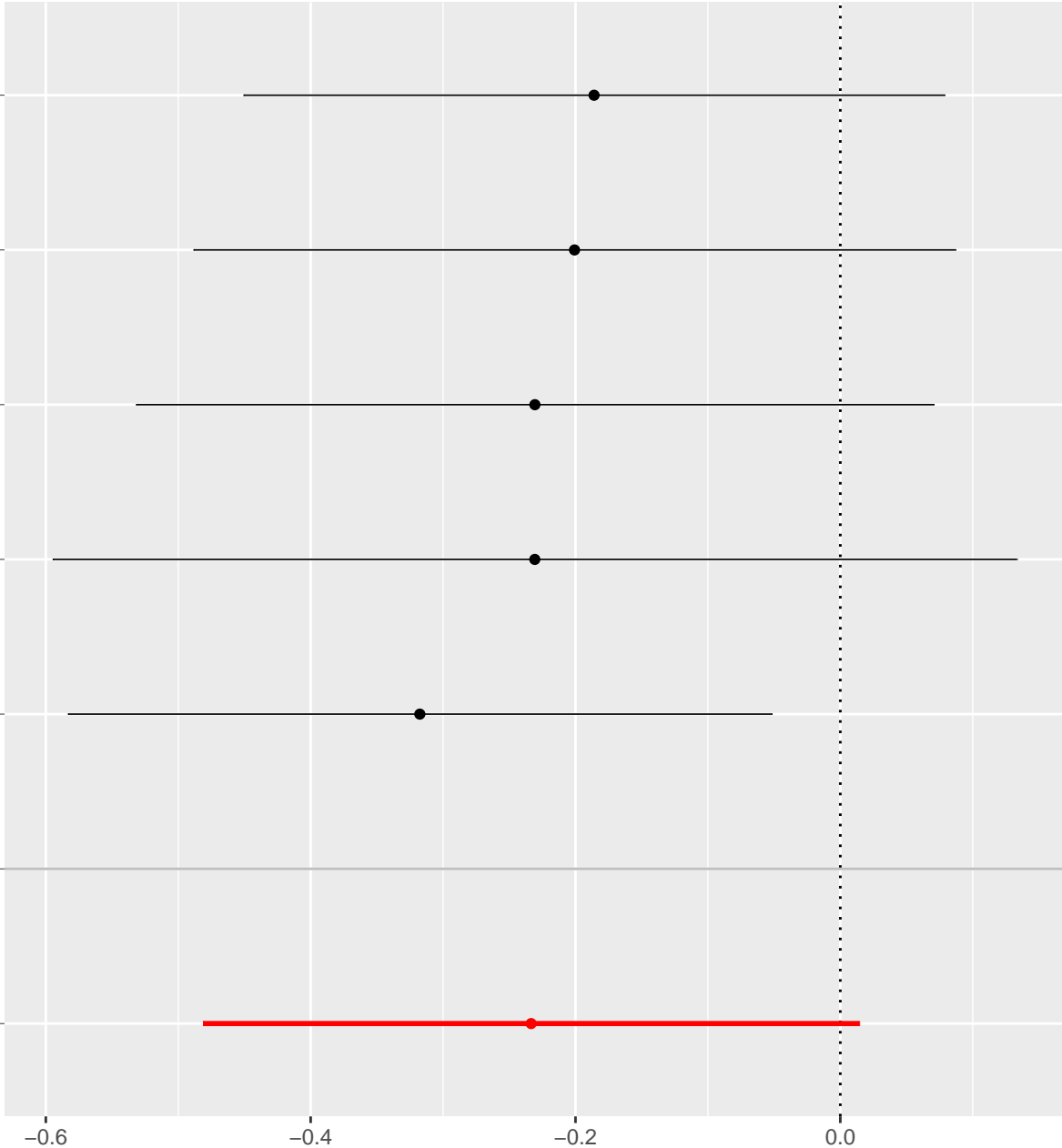
-0.6

-0.4

-0.2

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Bradykinin, des-arg(9) || id:656'



rs1558902

rs693839

rs6728726

rs9906944

rs6857

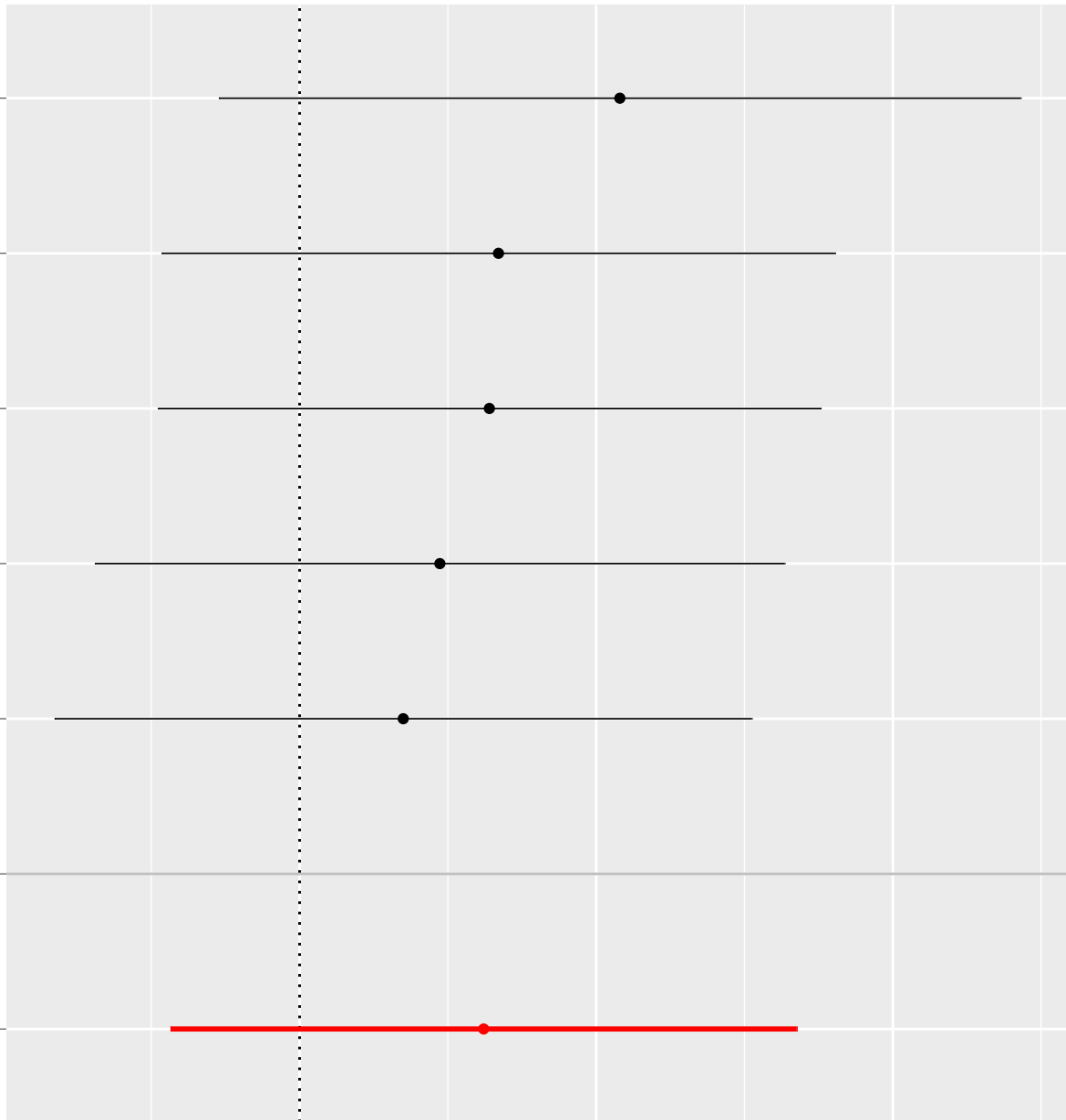
All

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12771 || id:657'



rs1558902

rs693839

rs6857

rs9906944

rs6728726

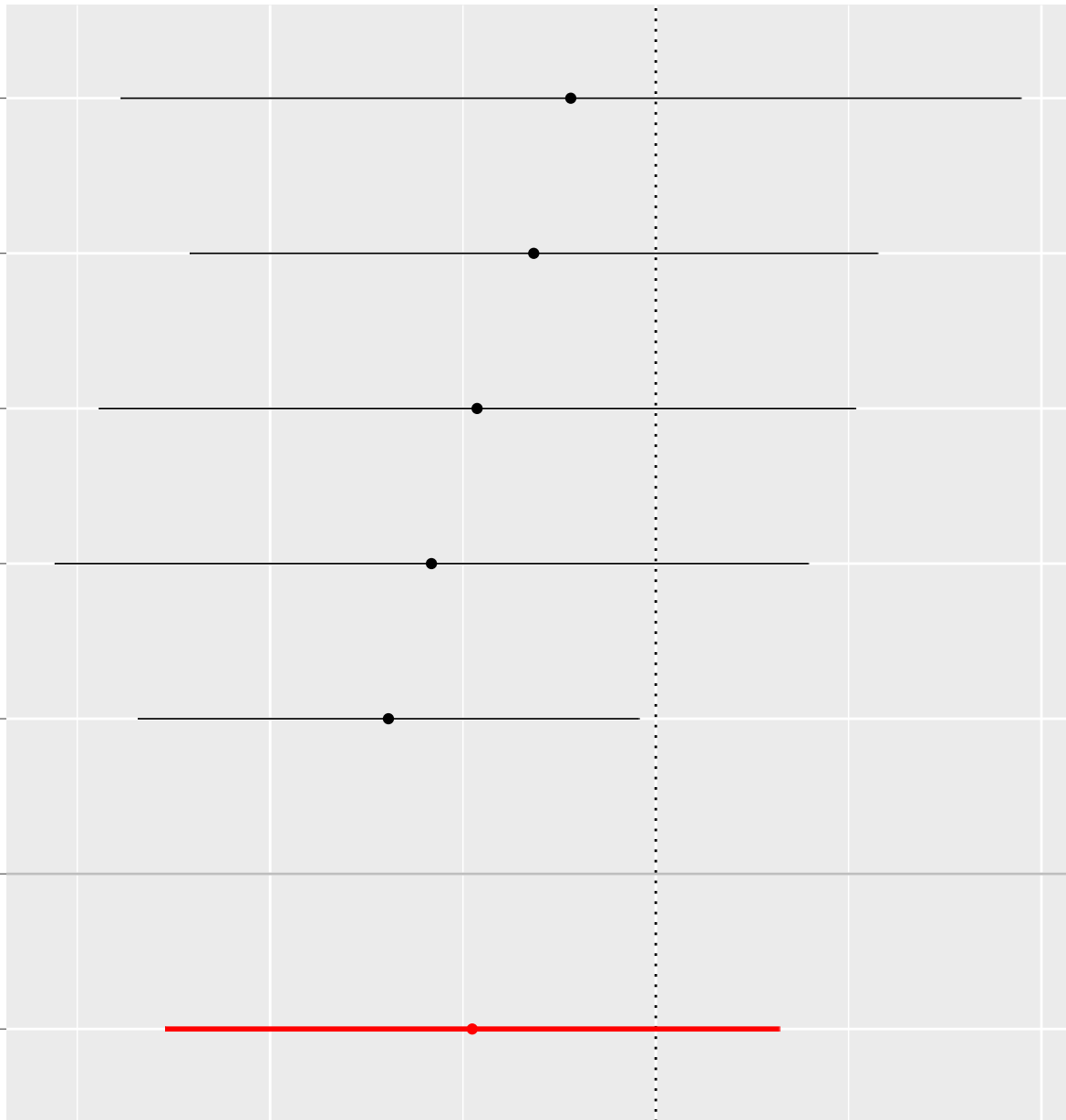
All

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12776 || id:658'



rs693839

rs6728726

rs6857

rs9906944

rs1558902

All

-0.2

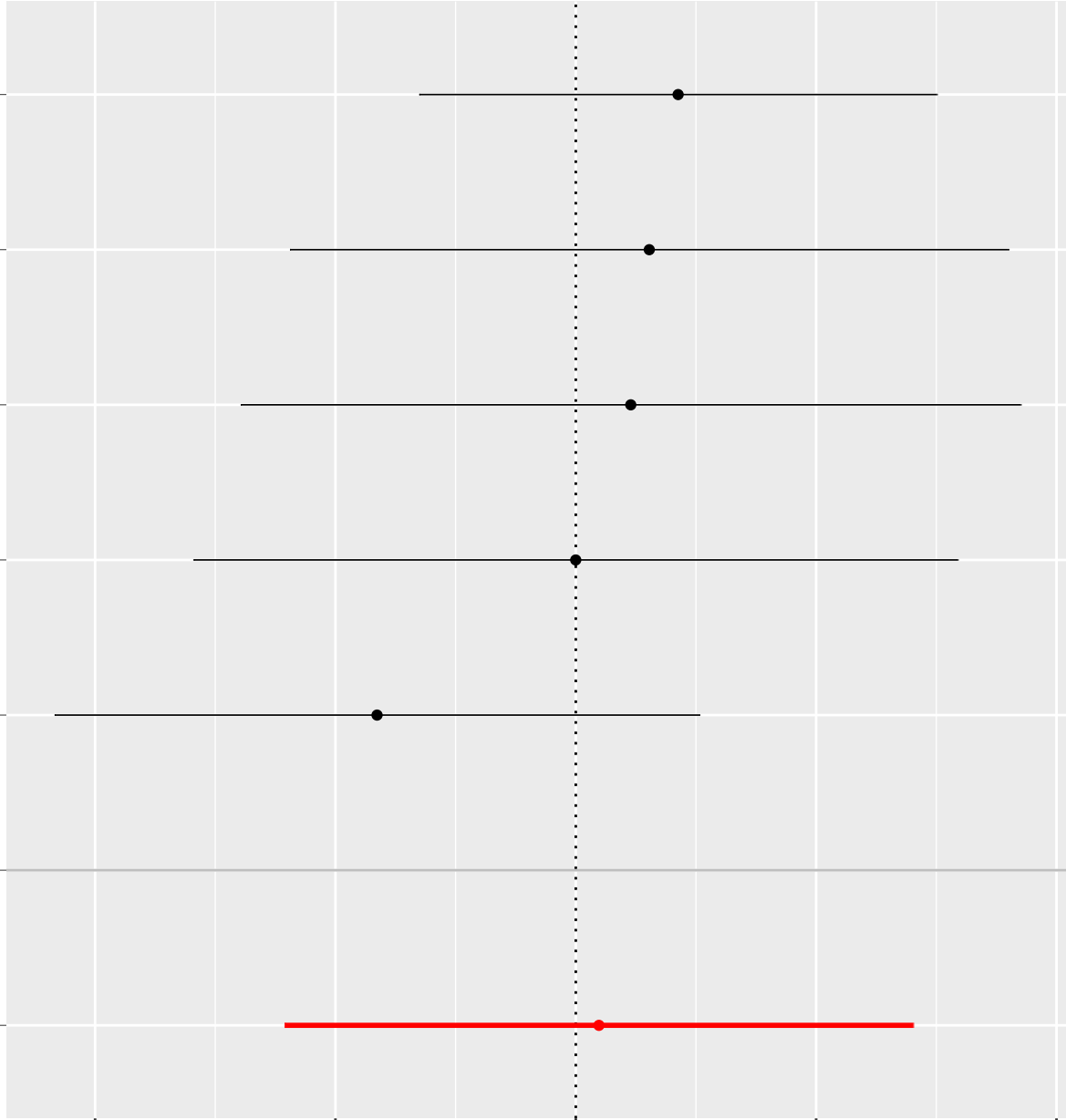
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylisoleucine\* || id:659'



rs1558902

rs6728726

rs693839

rs6857

rs9906944

All

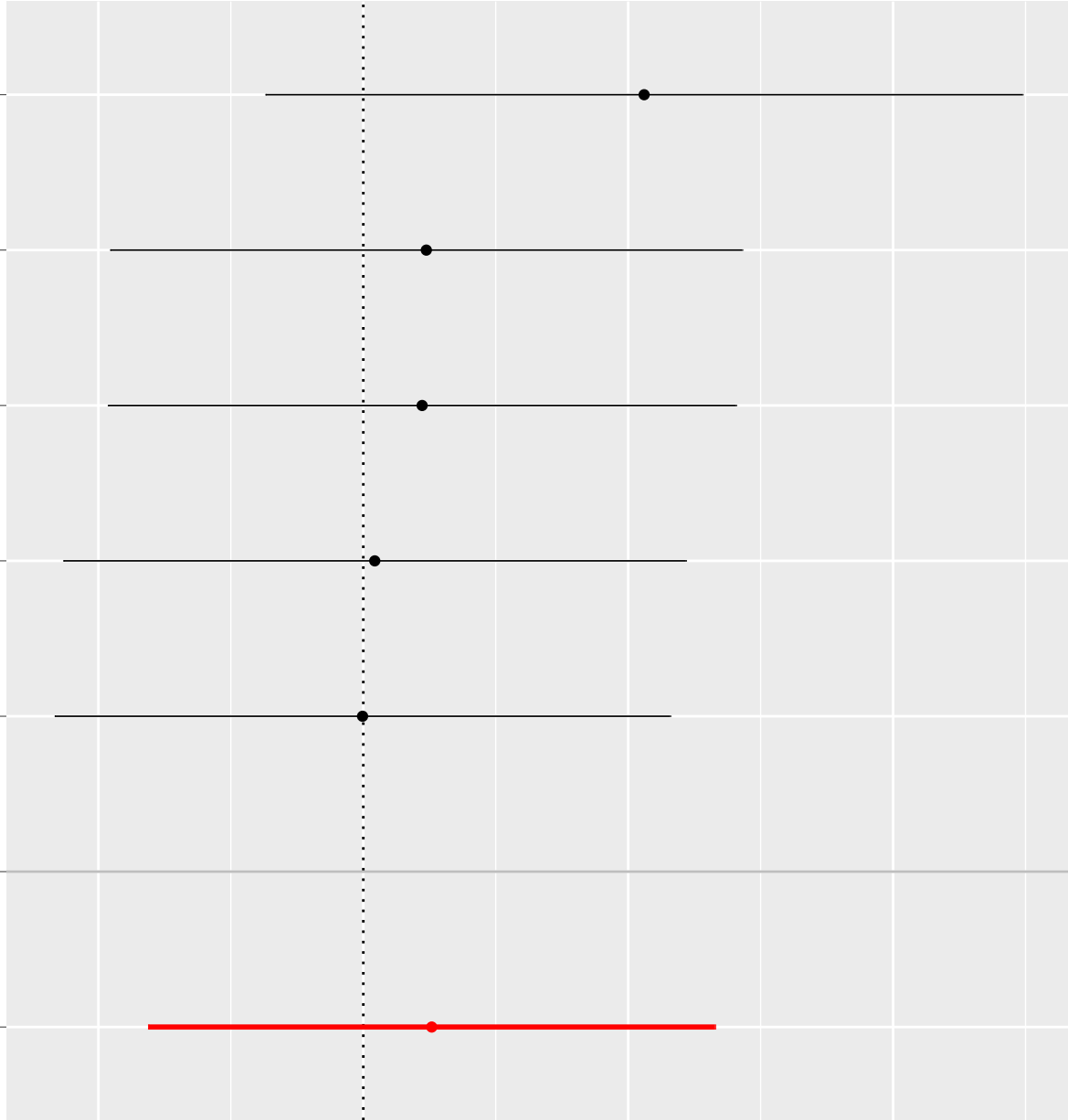
-0.1

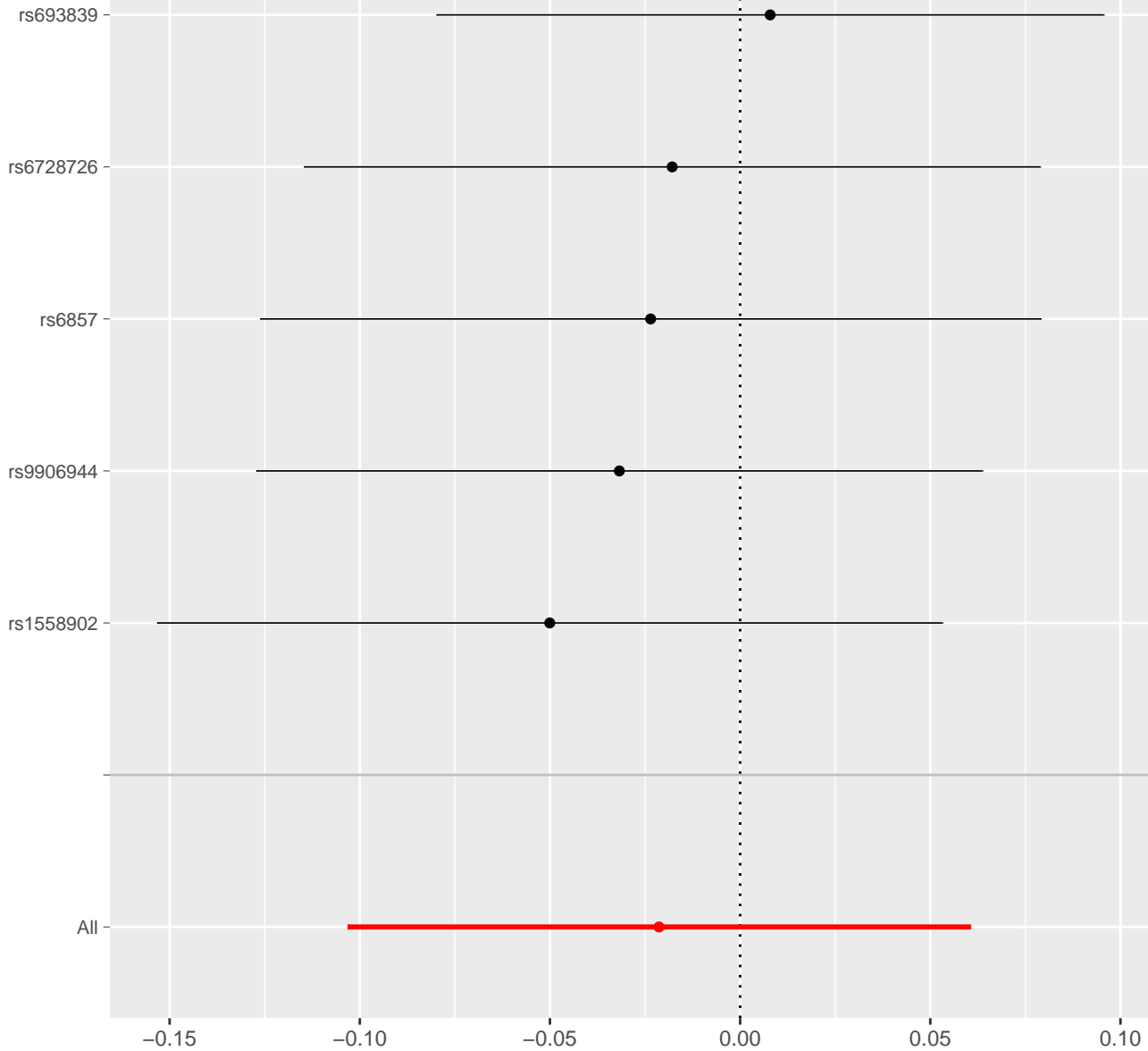
0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12786 || id:660'





rs9906944

rs6728726

rs693839

rs6857

rs1558902

All

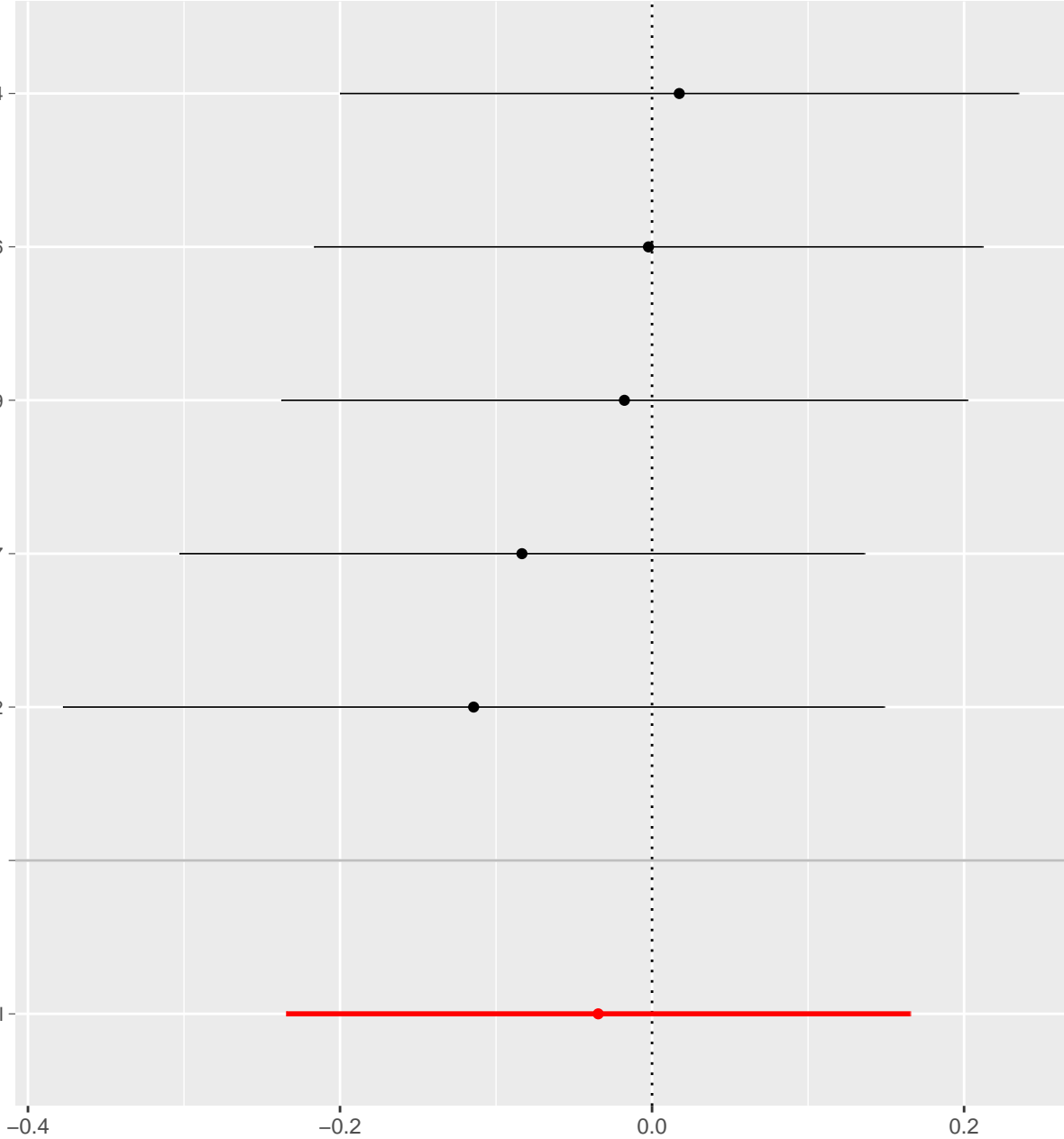
-0.4

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12816 || id:662'





rs9906944

rs6728726

rs6857

rs693839

rs1558902

All

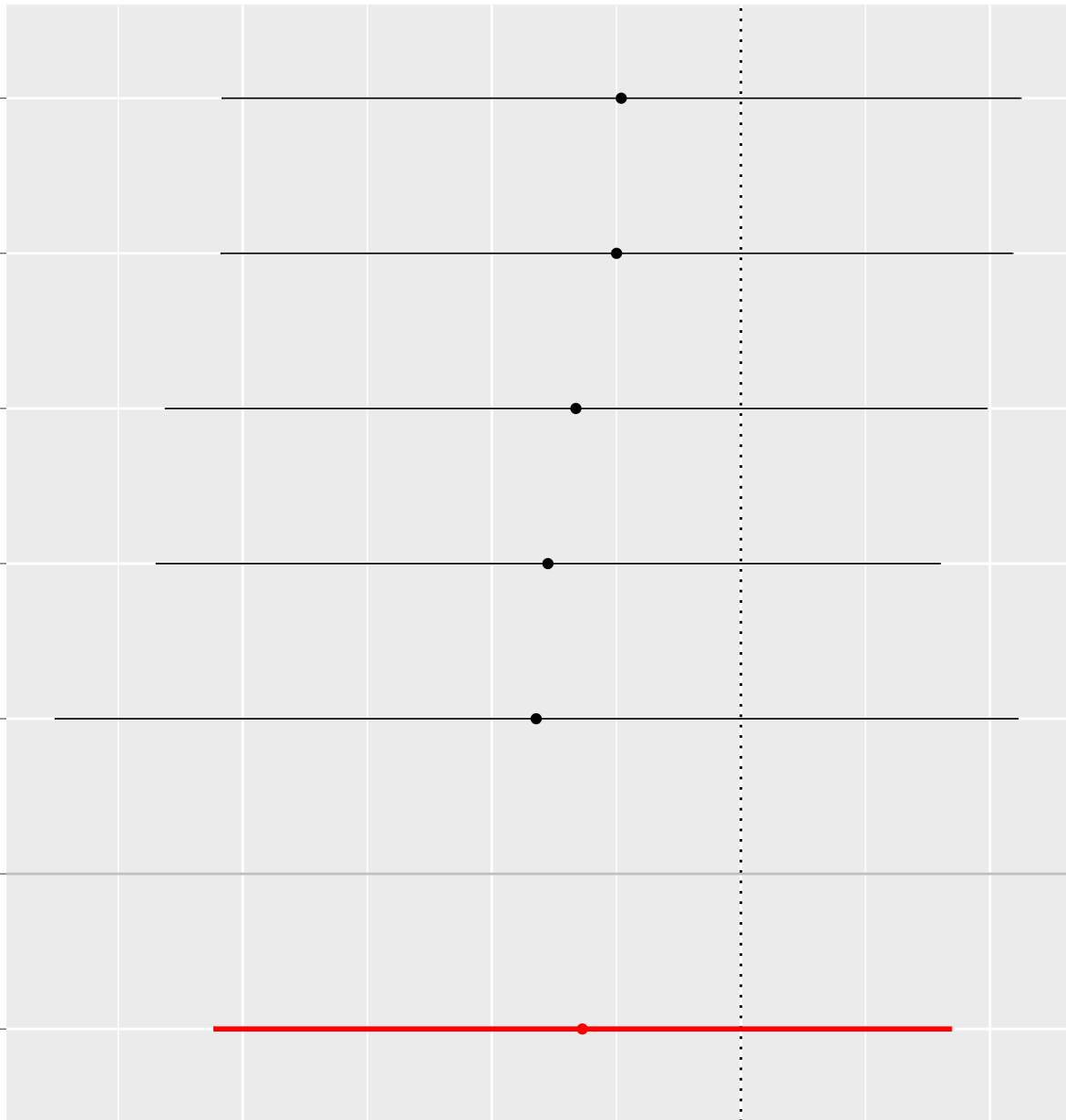
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12830 || id:663'



rs9906944

rs6857

rs693839

rs6728726

rs1558902

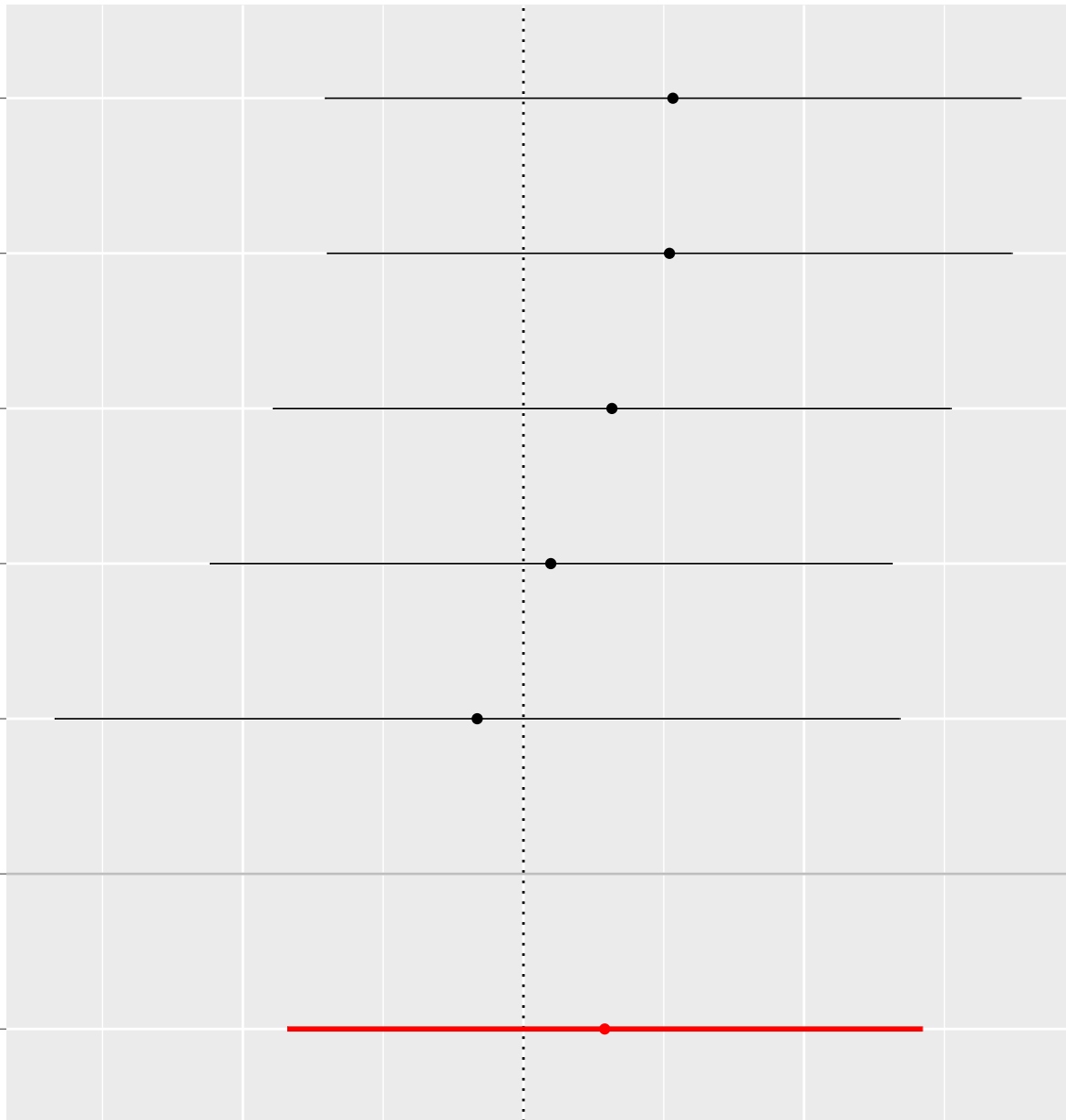
All

-0.5

0.0

0.5

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12833 || id:664'



rs6728726

rs693839

rs9906944

rs1558902

rs6857

All

-0.05

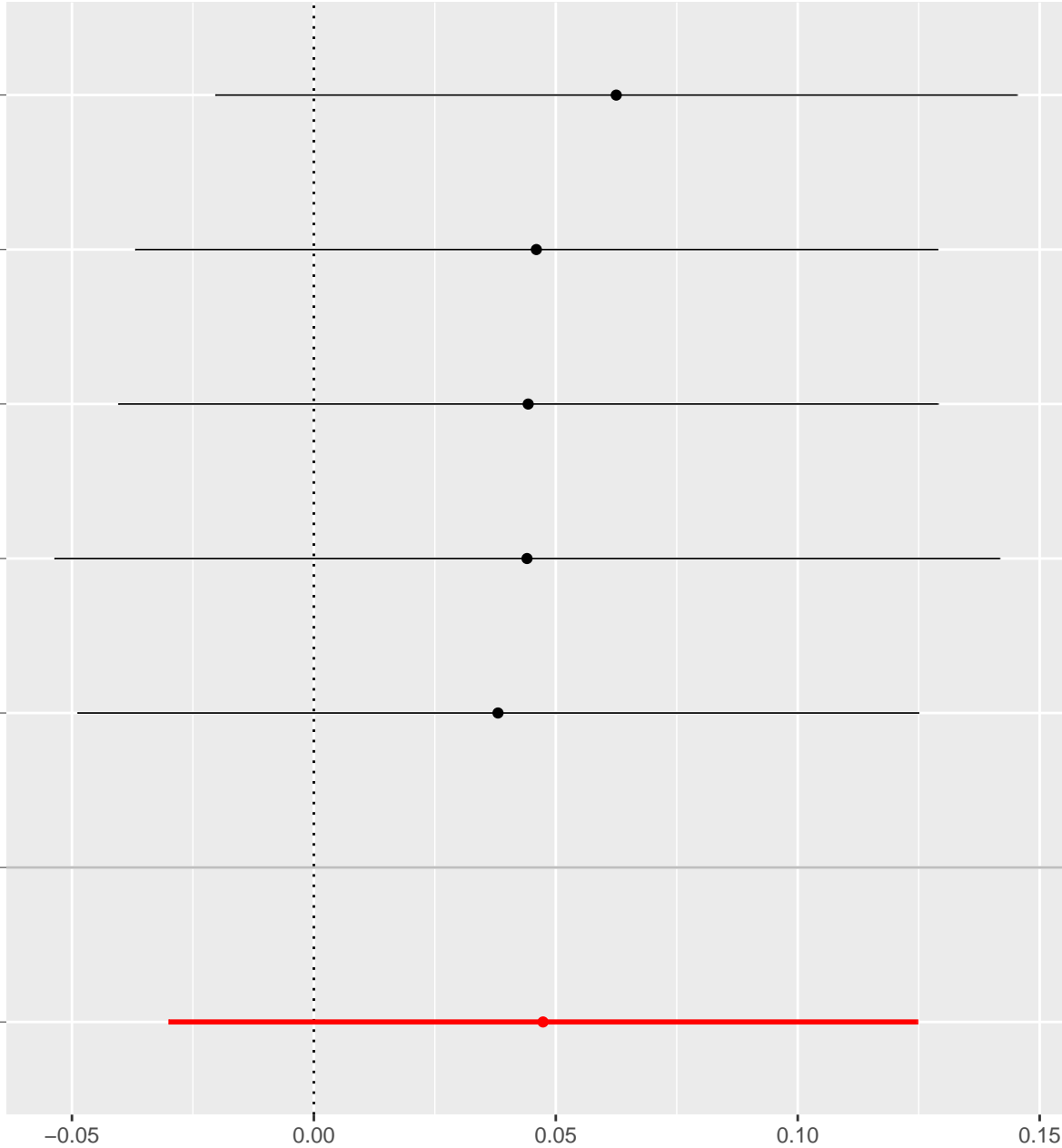
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12844 || id:665'



rs1558902

rs9906944

rs693839

rs6857

rs6728726

All

-0.2

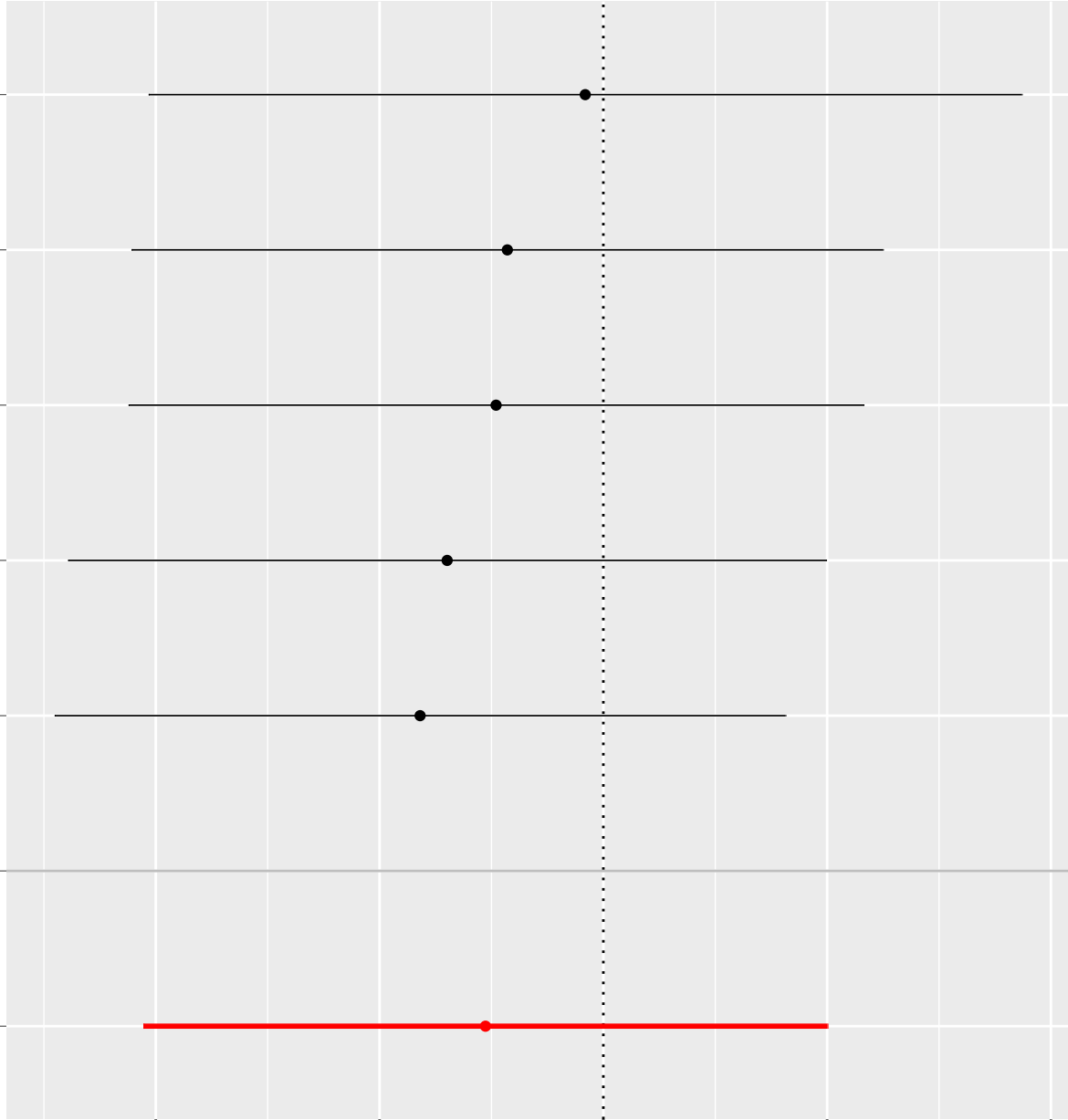
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12847 || id:666'



rs693839

rs9906944

rs6728726

rs6857

rs1558902

All

-0.4

-0.3

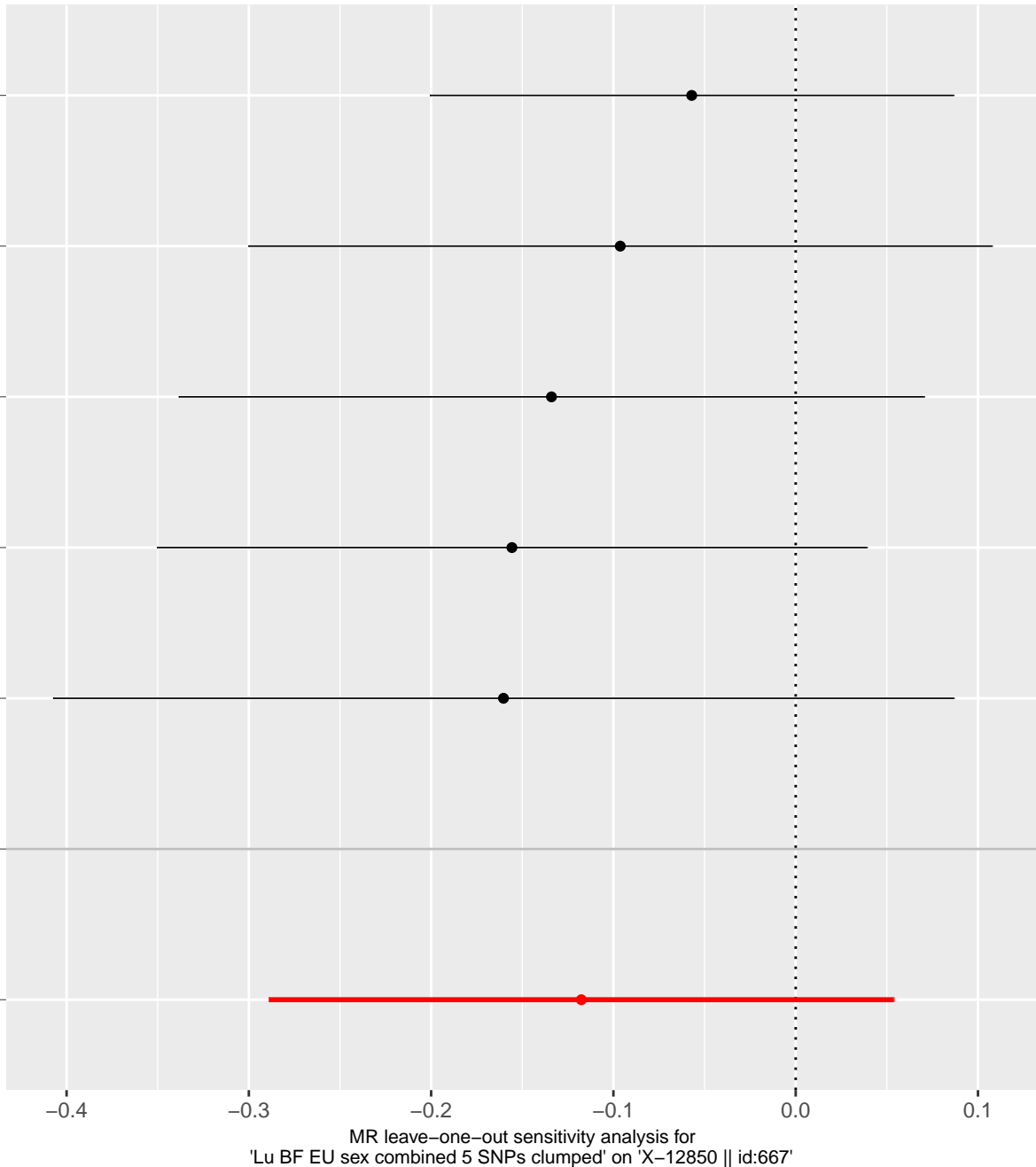
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12850 || id:667'



rs1558902

rs693839

rs9906944

rs6728726

rs6857

All

-0.1

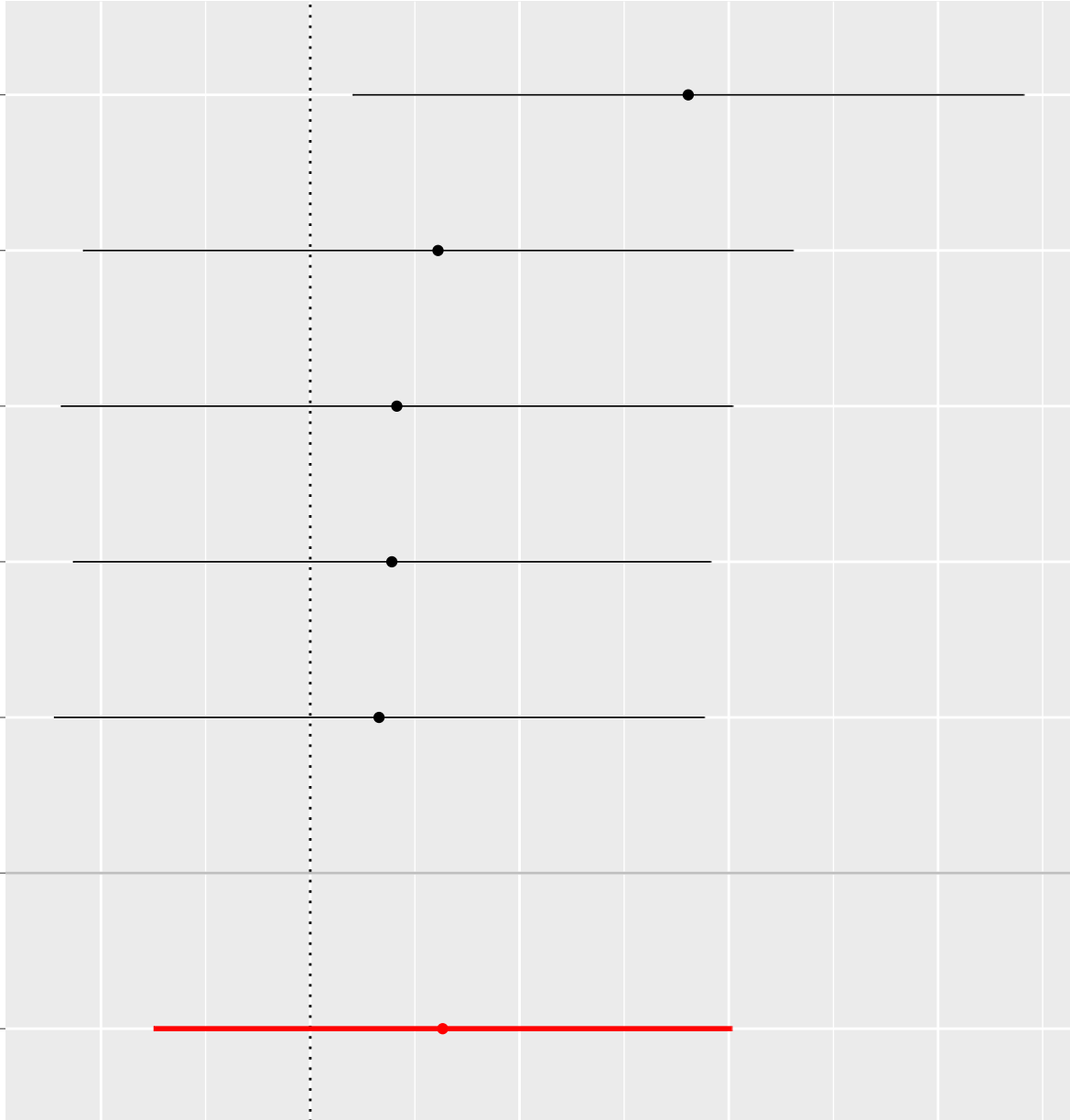
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Laurylcarnitine || id:668'



rs1558902

rs6728726

rs9906944

rs693839

rs6857

All

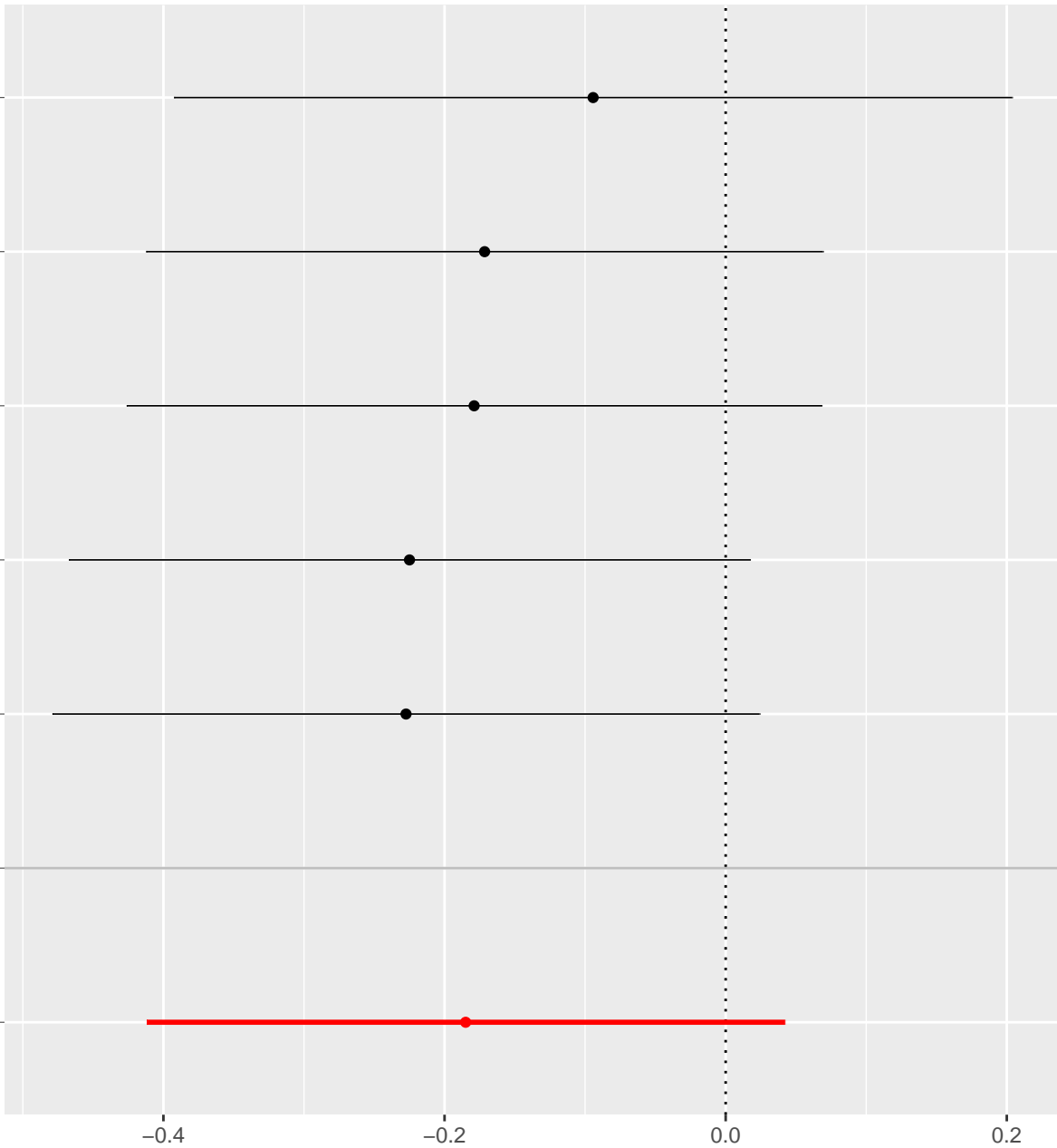
-0.4

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12851 || id:669'



rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

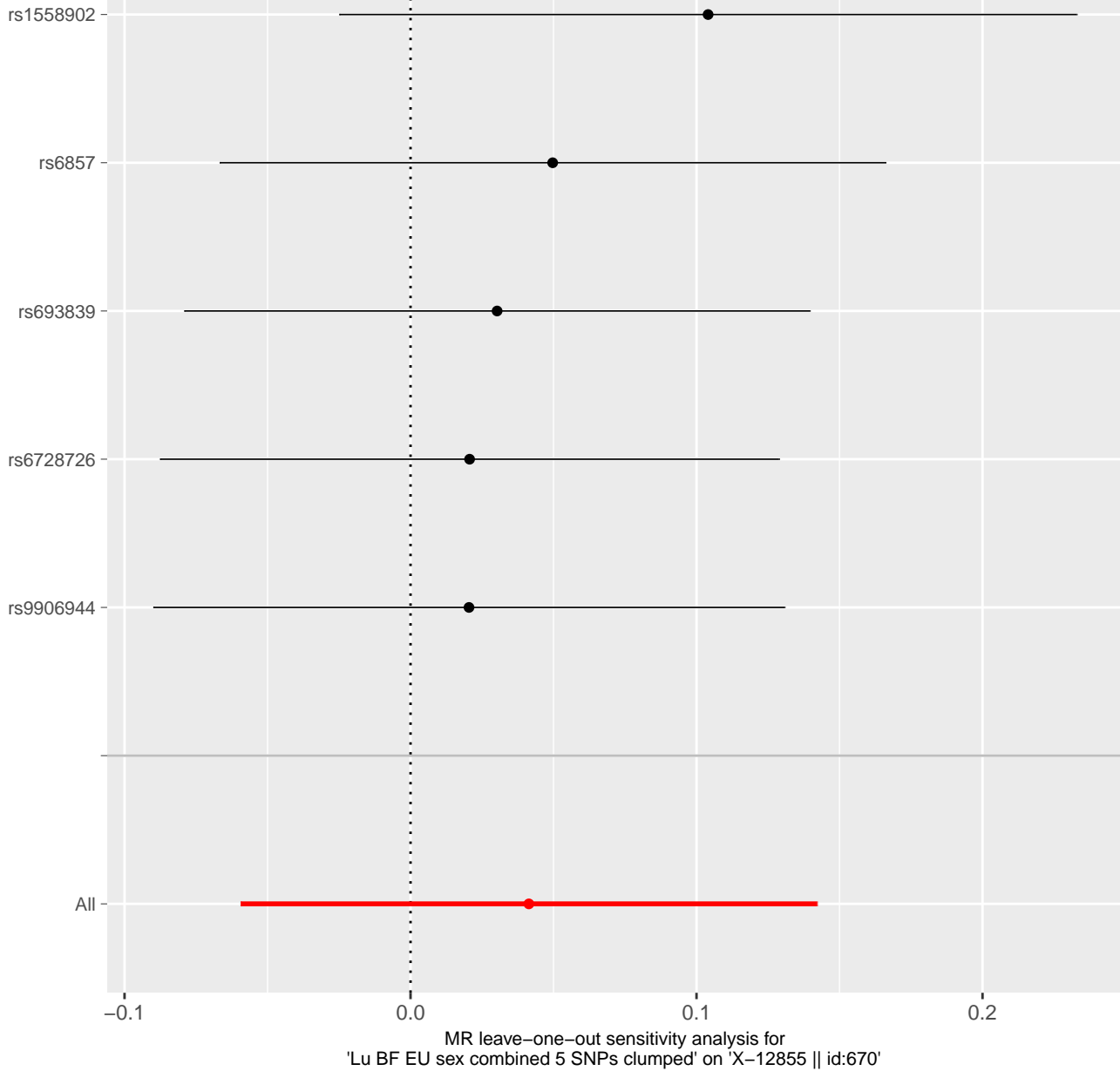
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12855 || id:670'





rs1558902

rs6857

rs9906944

rs693839

rs6728726

All

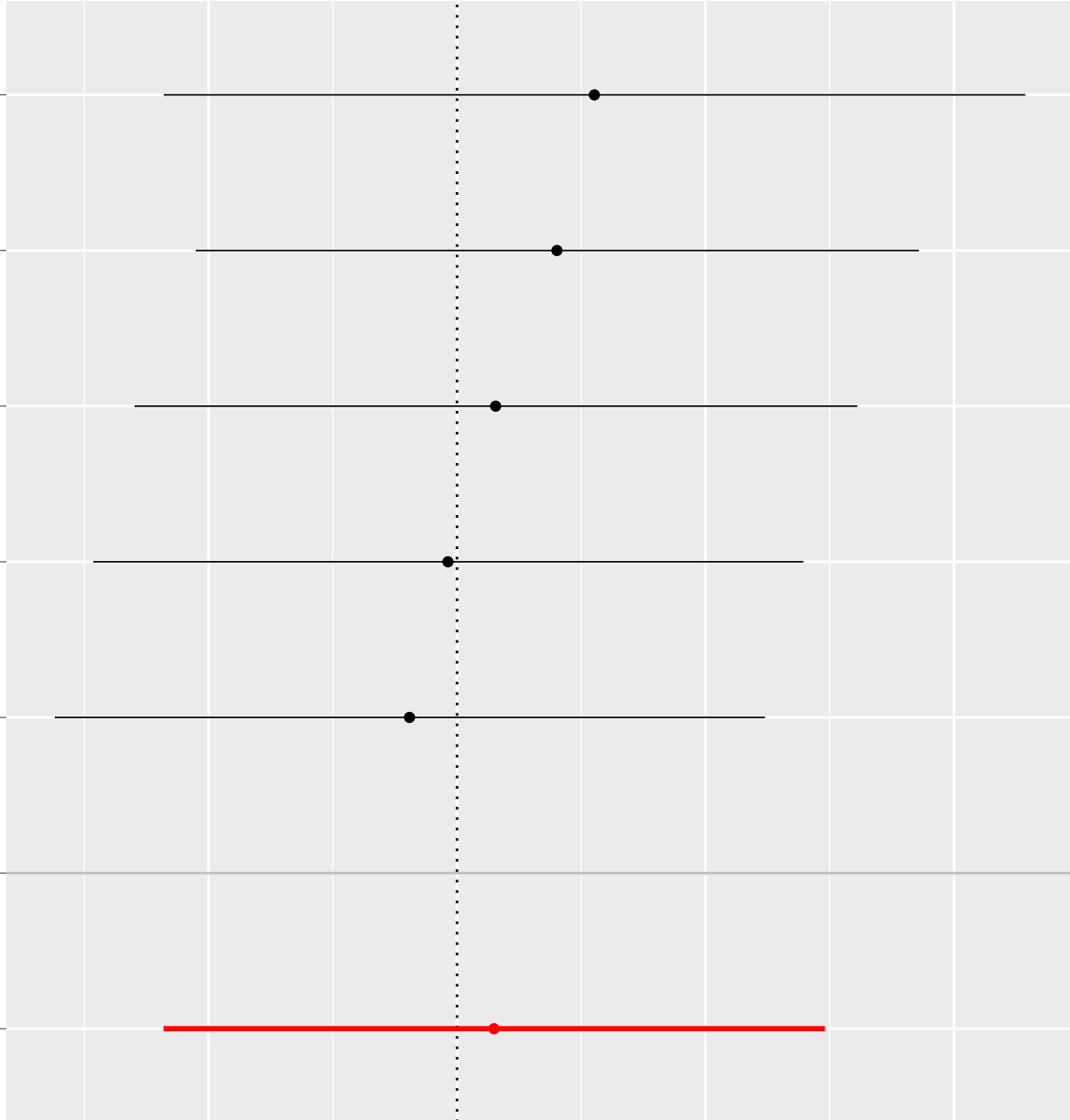
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-12990--docosapentaenoic acid (n6-DPA) || id:671'



rs6857

rs6728726

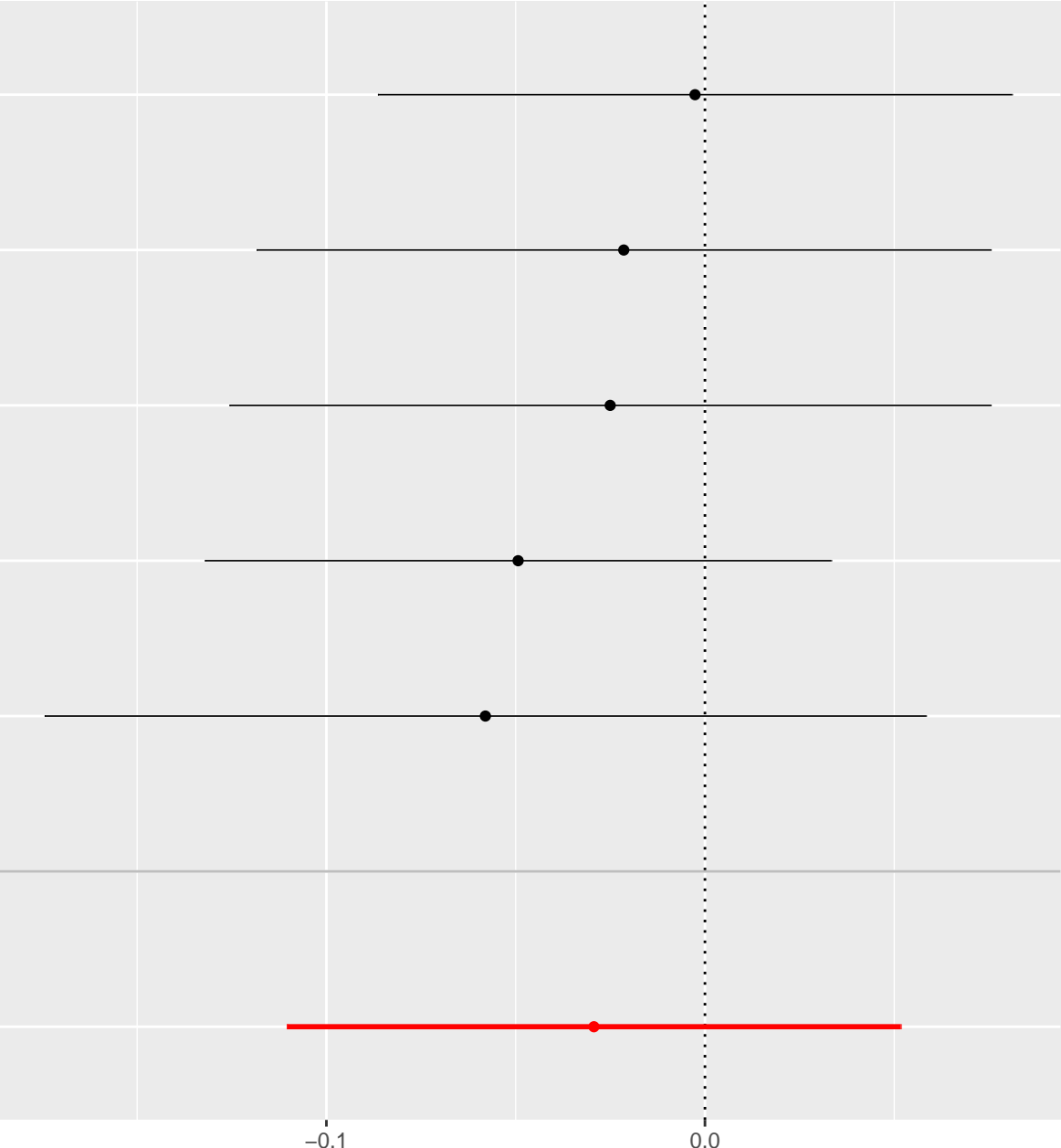
rs9906944

rs693839

rs1558902

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Isovalerate || id:672'



rs1558902

rs9906944

rs6857

rs6728726

rs693839

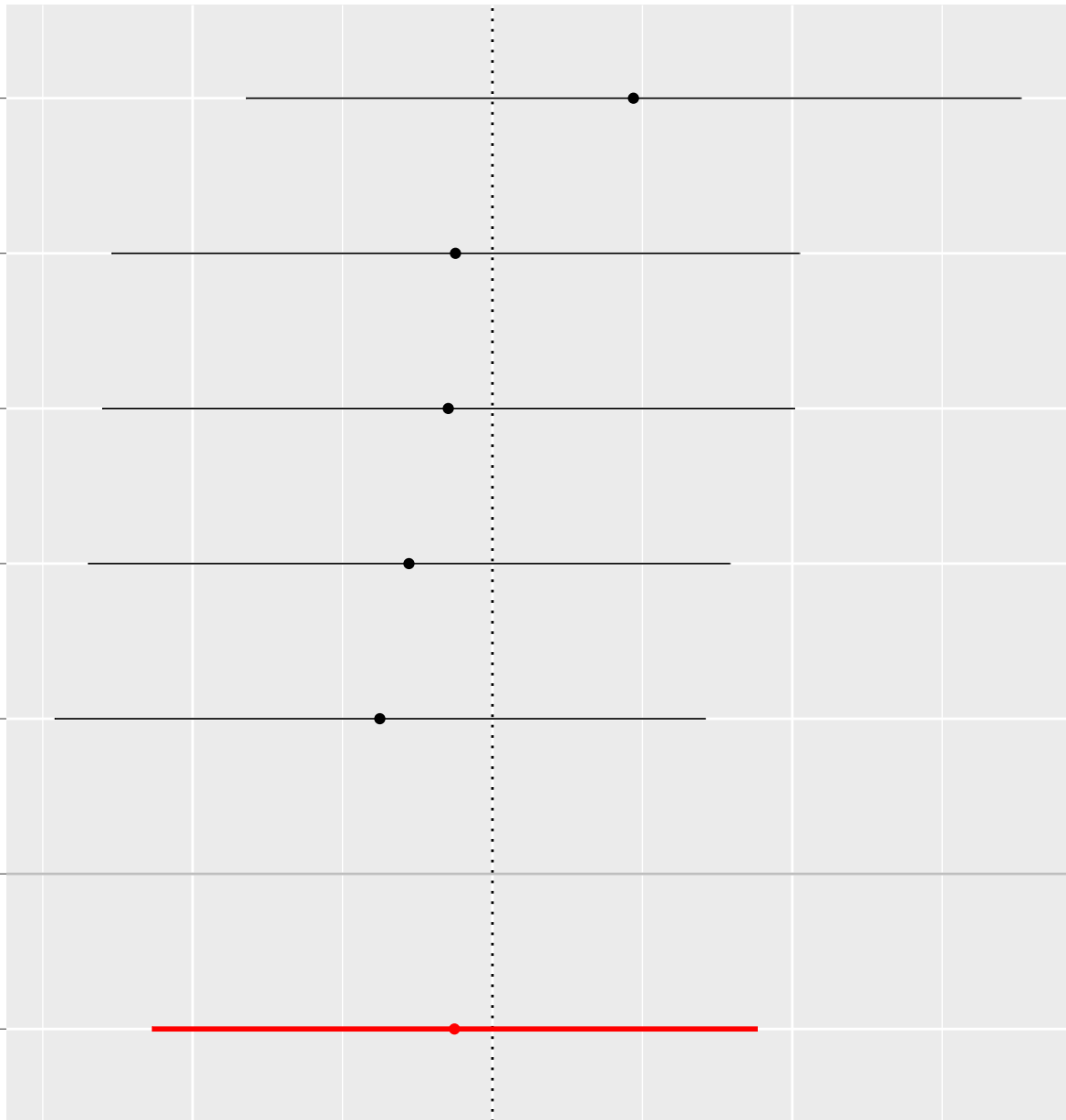
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13069 || id:673'



rs1558902

rs9906944

rs693839

rs6857

rs6728726

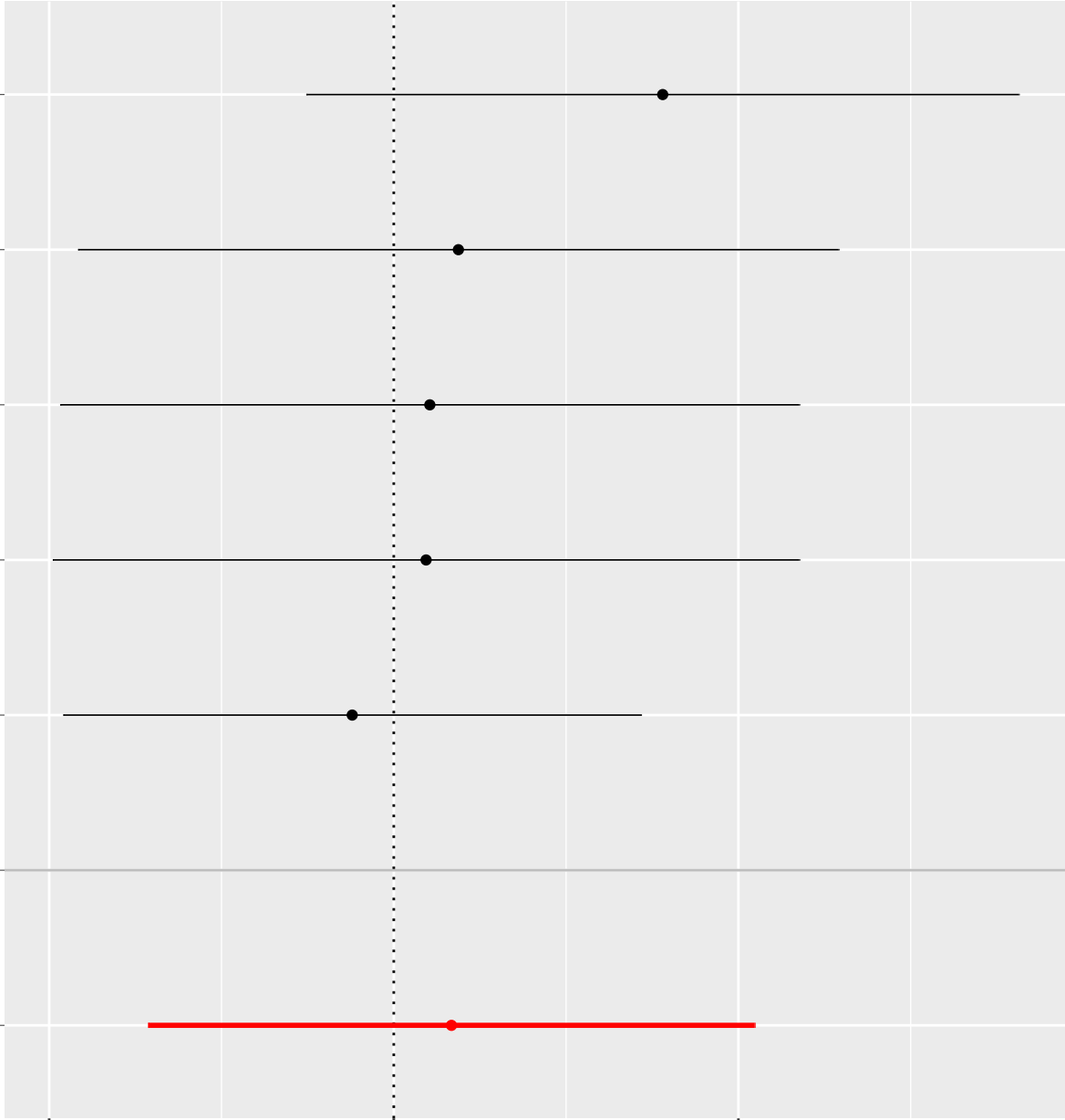
All

-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13183--stearamide || id:674'



rs1558902

rs693839

rs9906944

rs6857

rs6728726

All

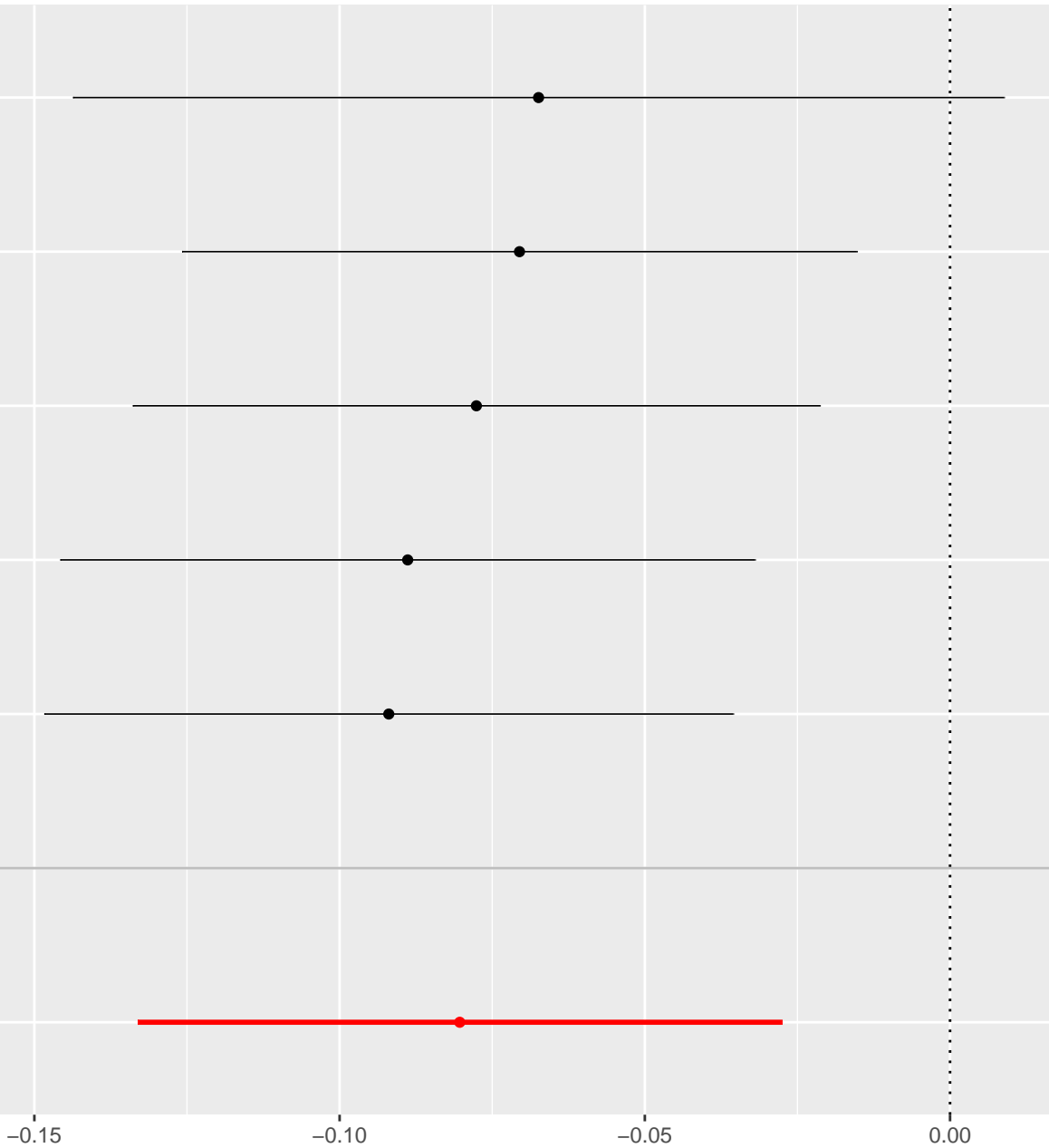
-0.15

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13215 || id:675'



rs9906944

rs1558902

rs6857

rs693839

rs6728726

All

0.00

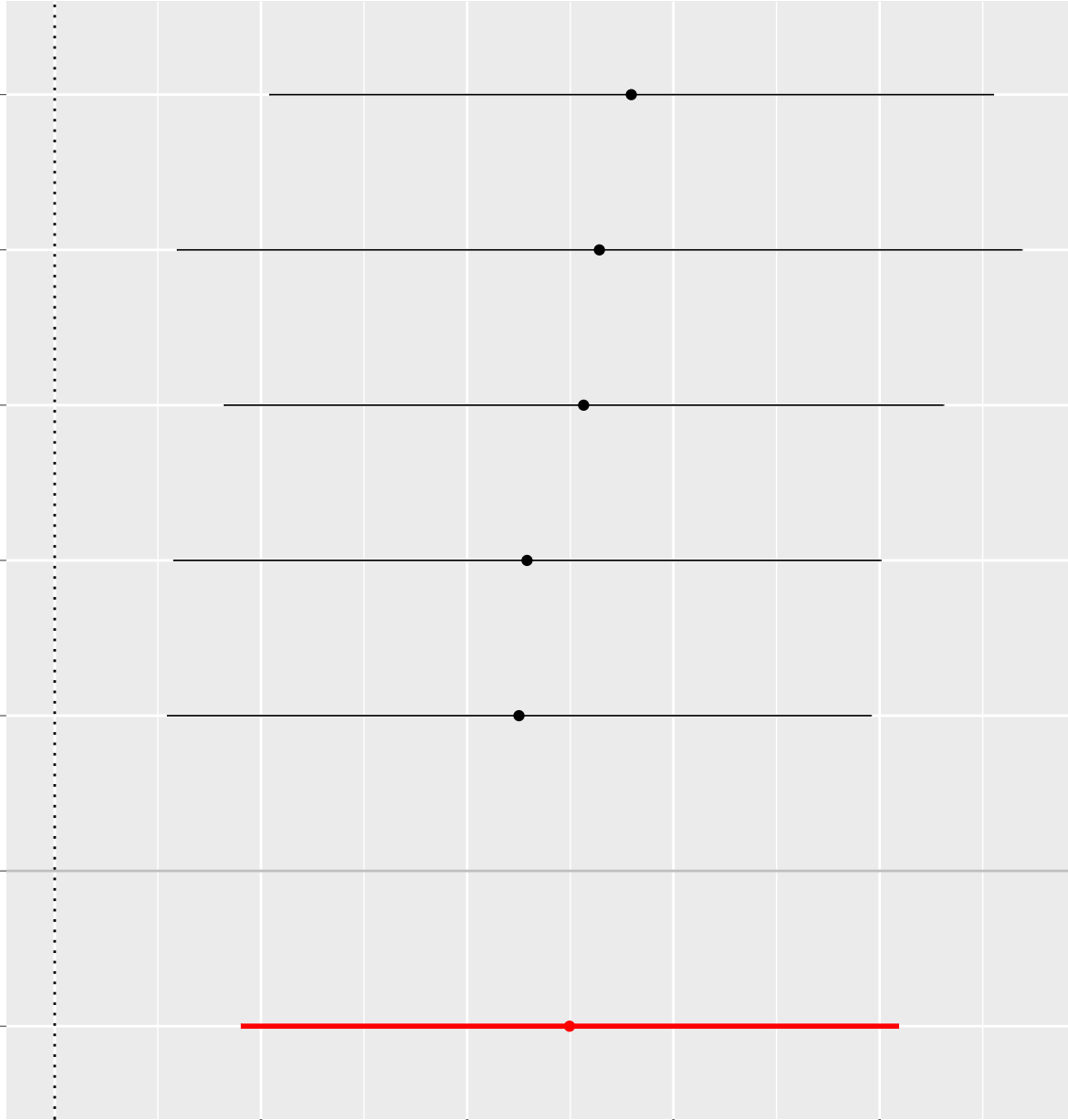
0.05

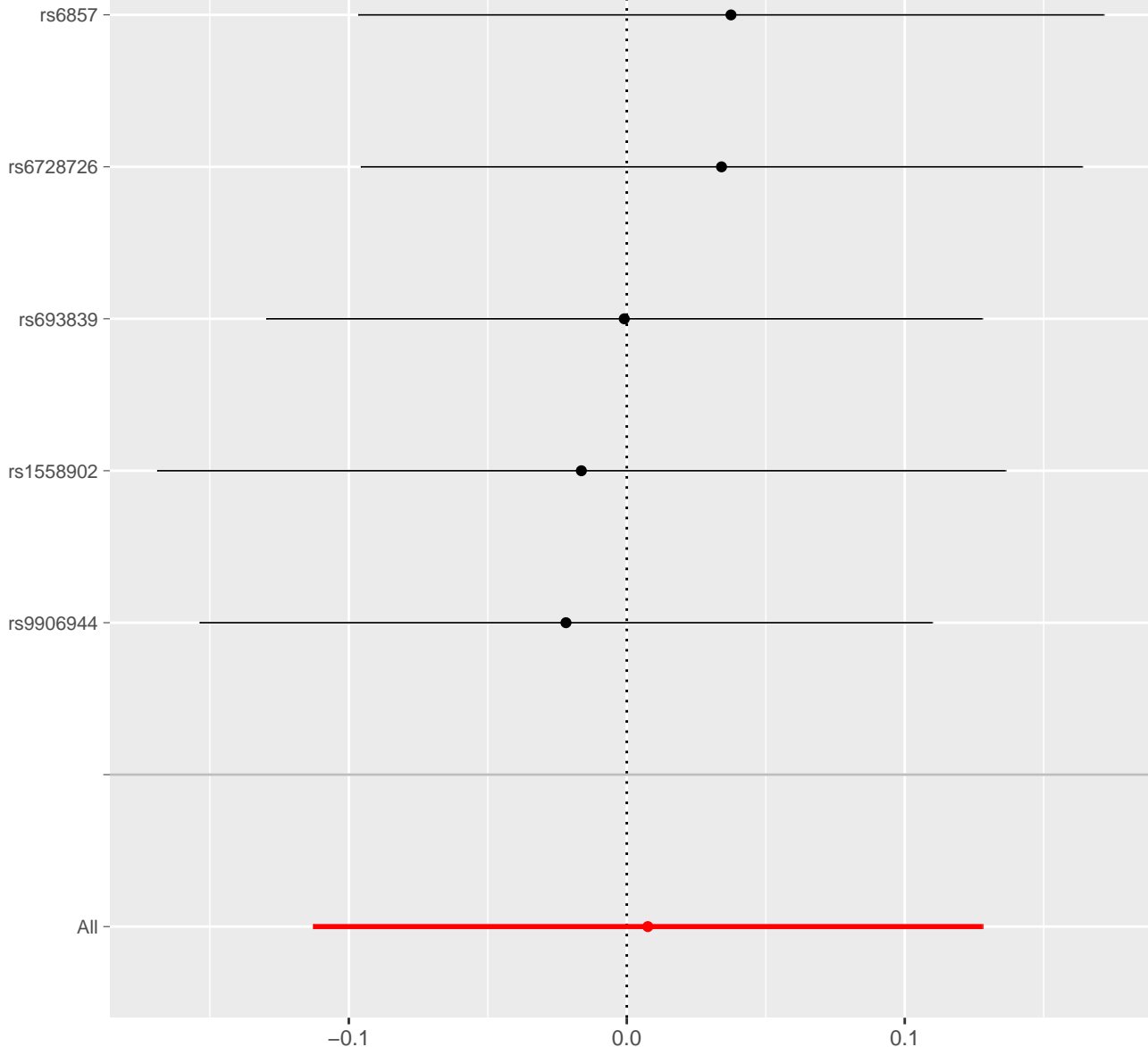
0.10

0.15

0.20

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '7-methylguanine || id:676'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Phenylacetylglutamine || id:677'

rs9906944

rs693839

rs6728726

rs6857

rs1558902

All

-0.10

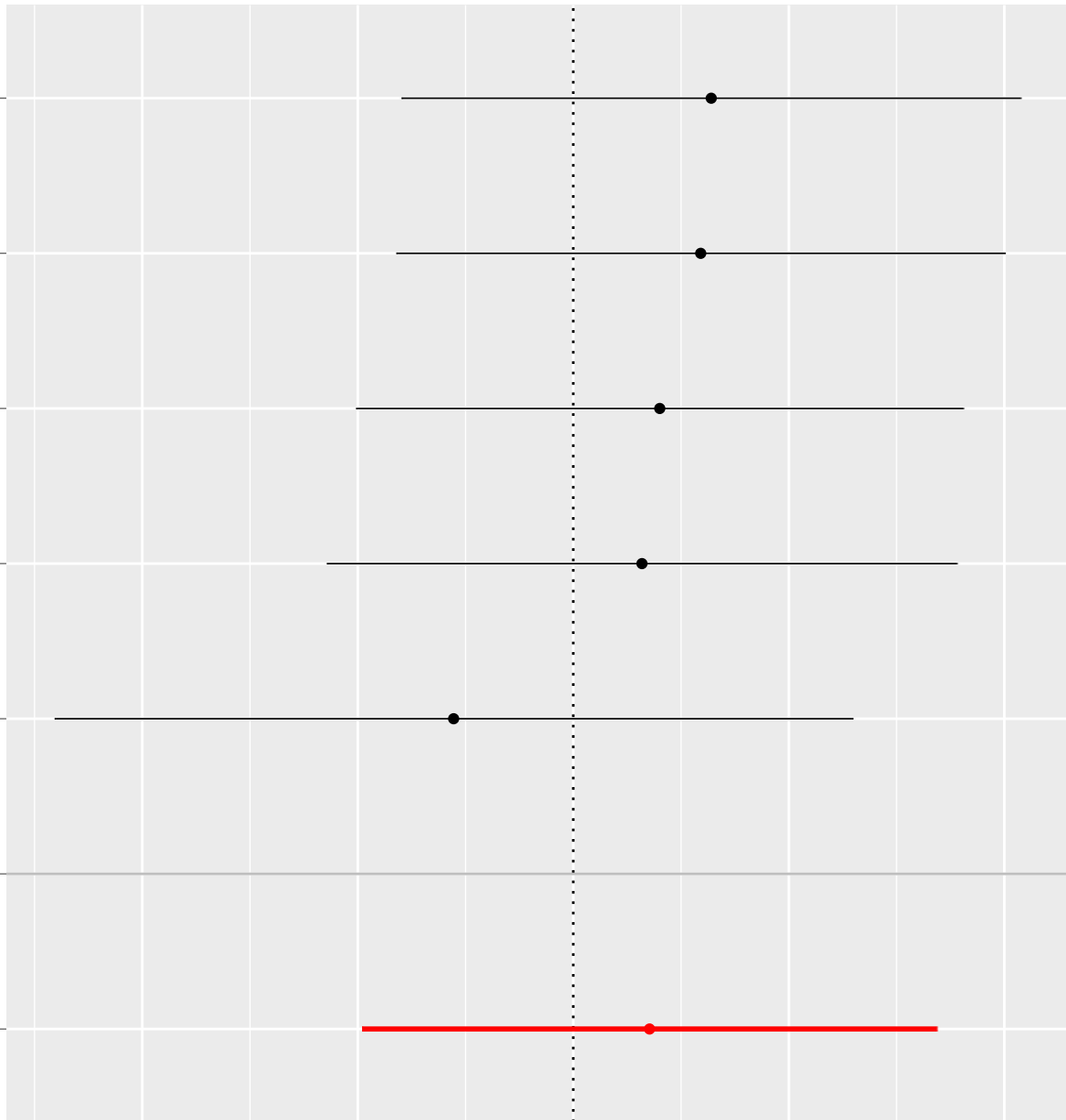
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Pro-hydroxy-pro || id:678'





rs9906944

rs693839

rs6857

rs6728726

rs1558902

All

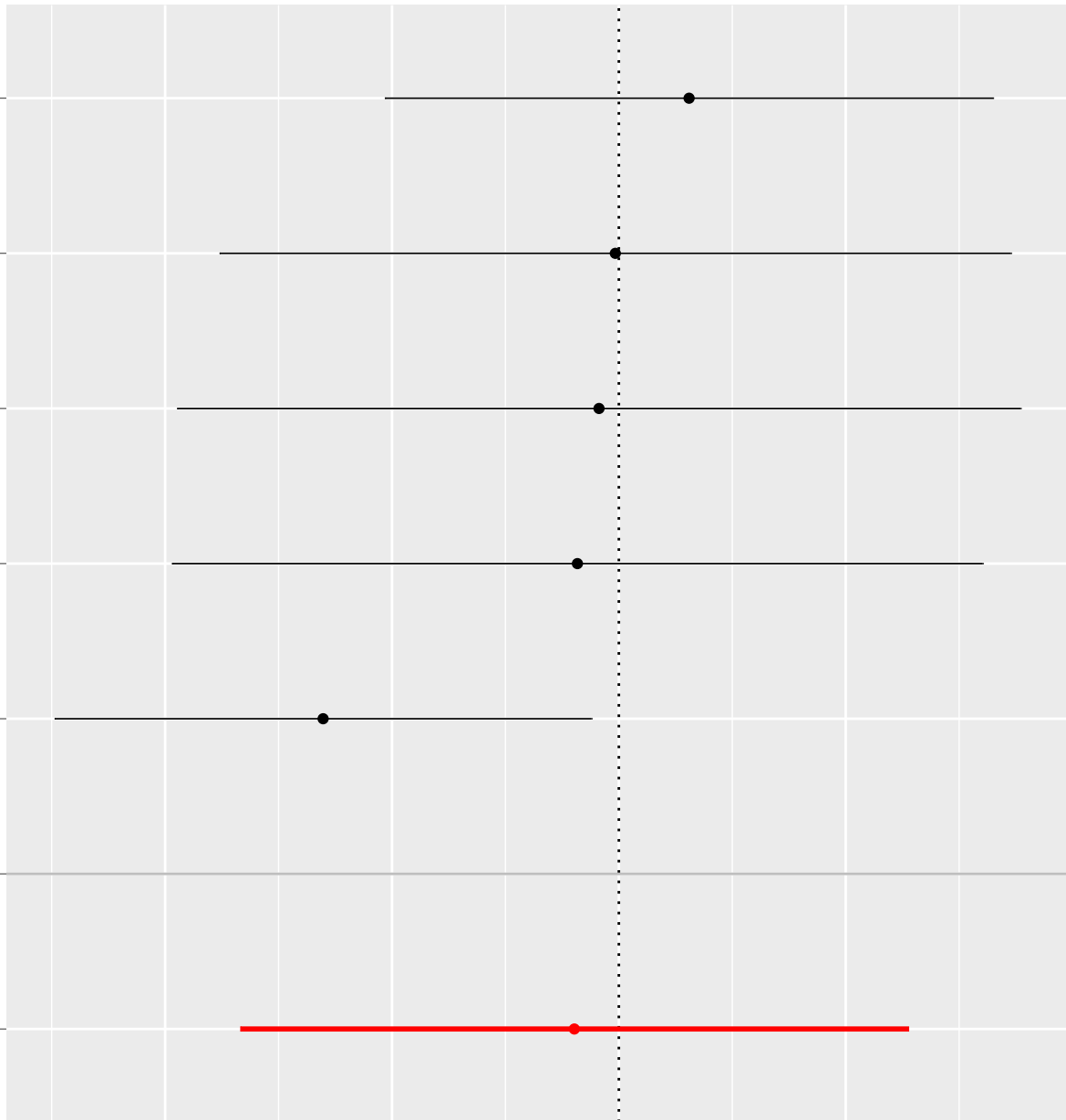
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'N2,N2-dimethylguanosine || id:679'



rs6728726

rs693839

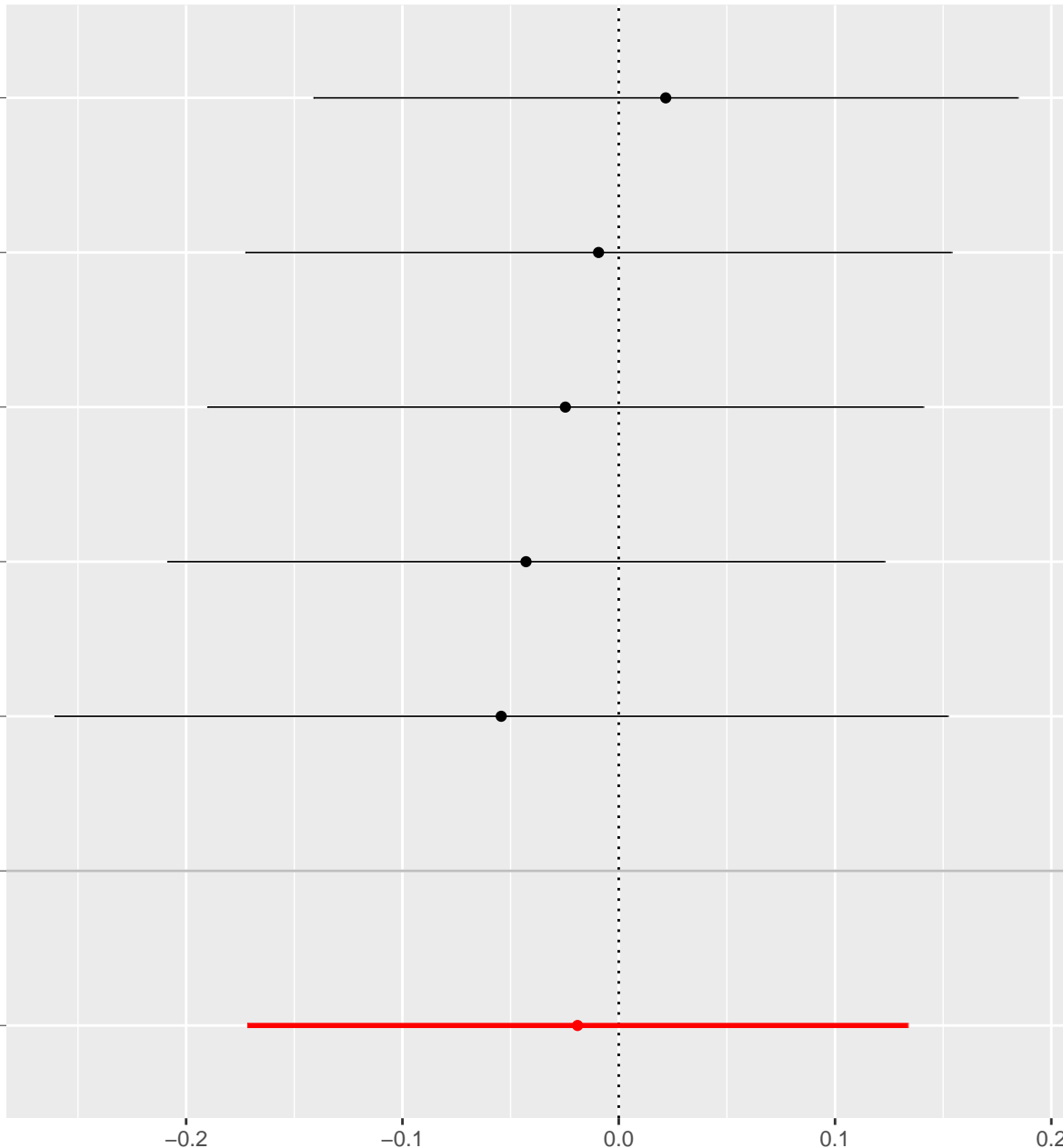
rs6857

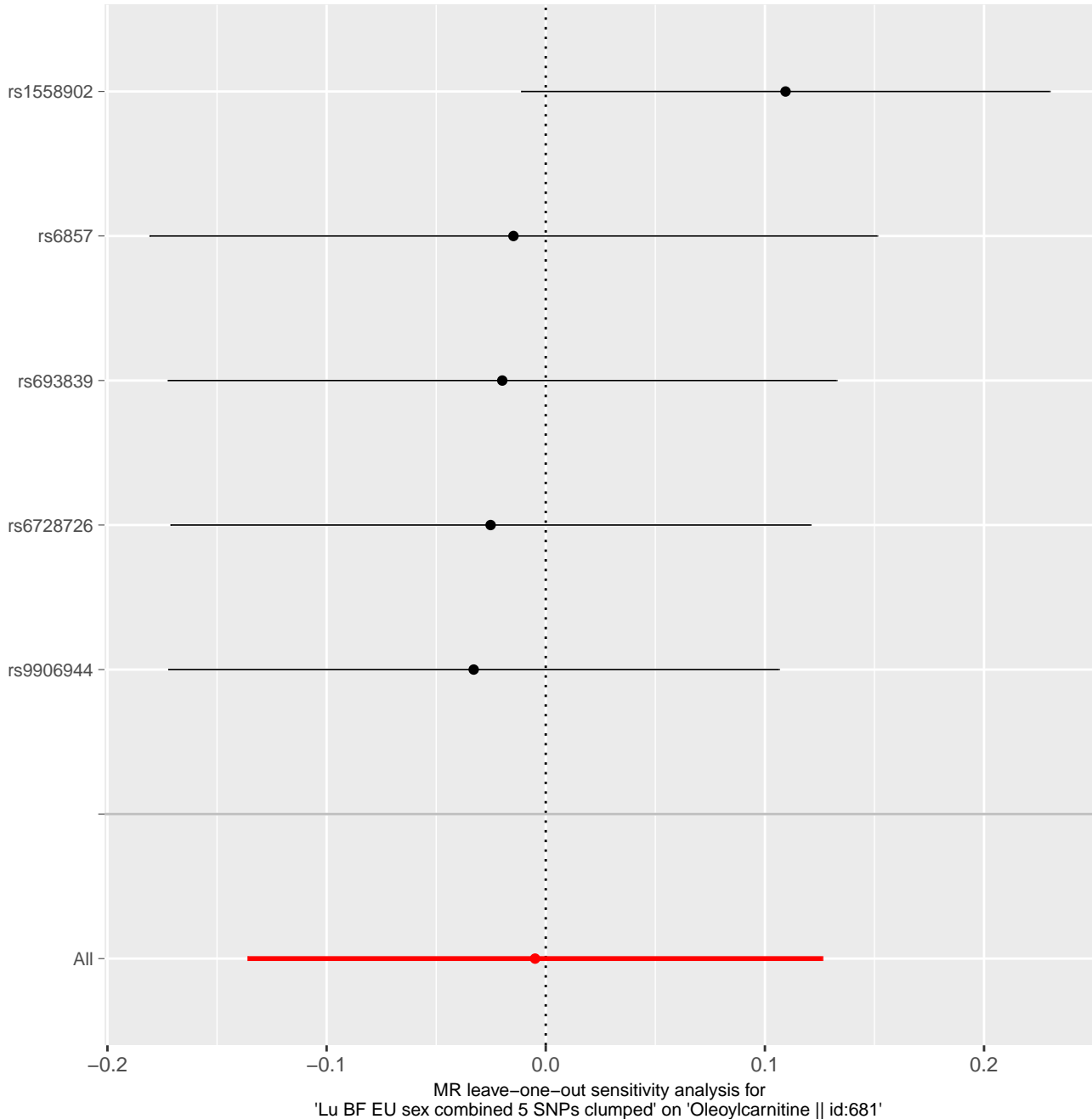
rs9906944

rs1558902

All

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Cysteine-glutathione disulfide || id:680'





rs6728726



rs6857

rs693839

rs9906944

rs1558902

All

-0.10

-0.05

0.00

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-arachidonoylglycerophosphoethanolamine\* || id:682'

rs1558902

rs693839

rs6728726

rs9906944

rs6857

All

-0.2

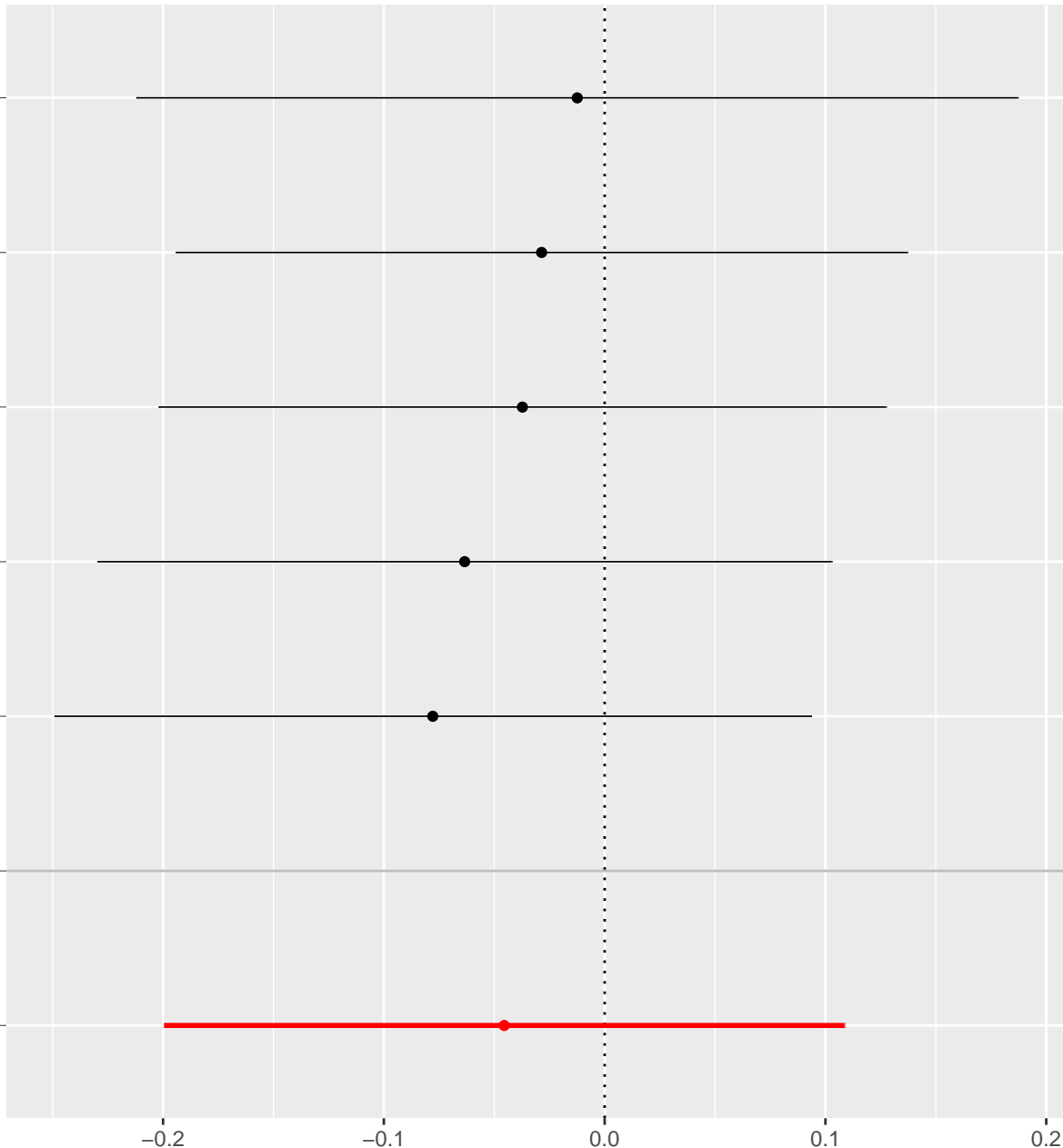
-0.1

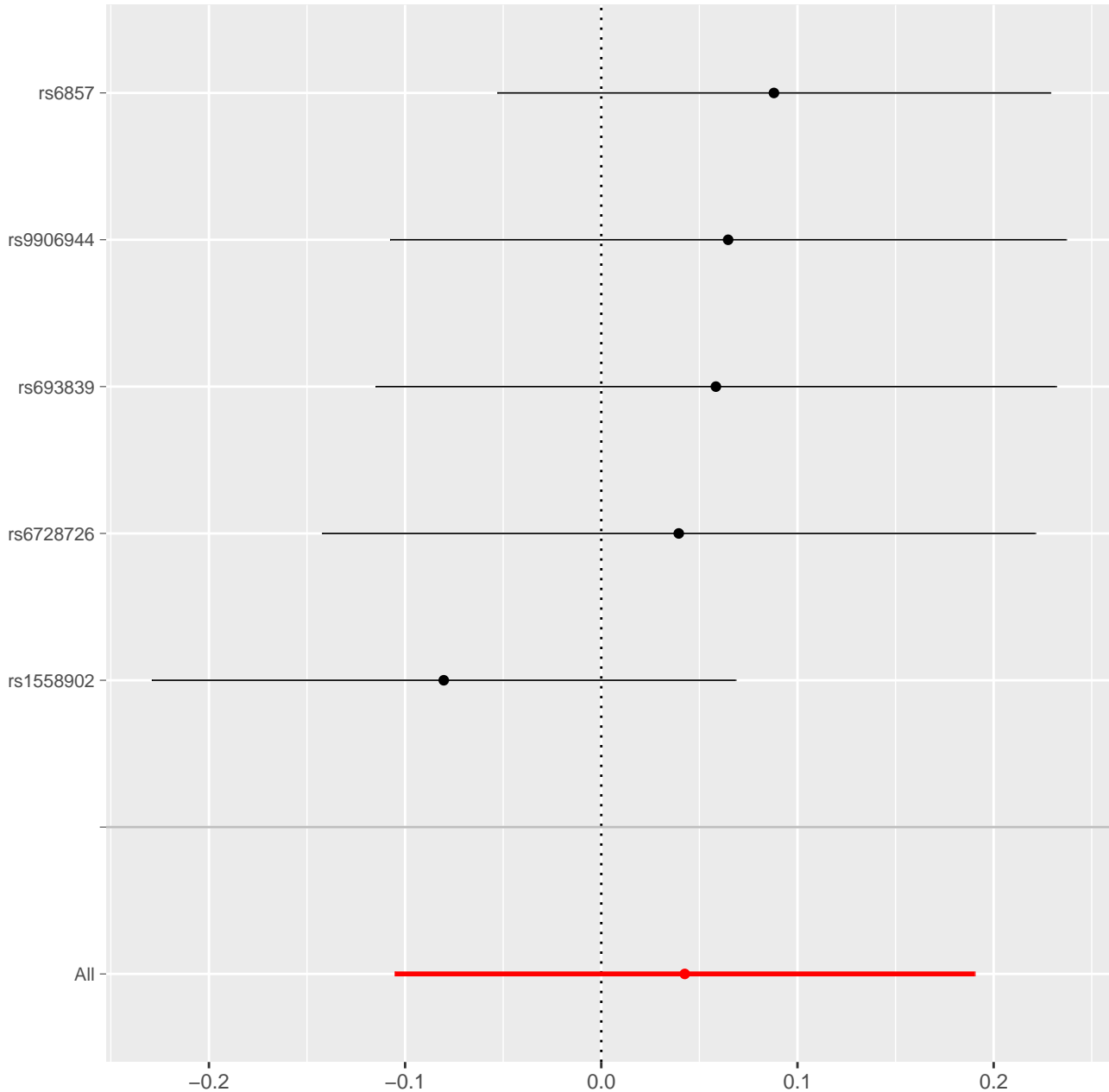
0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13429 || id:683'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13431--nonanoylcarnitine\* || id:684'

rs1558902

rs6857

rs693839

rs9906944

rs6728726

All

-0.05

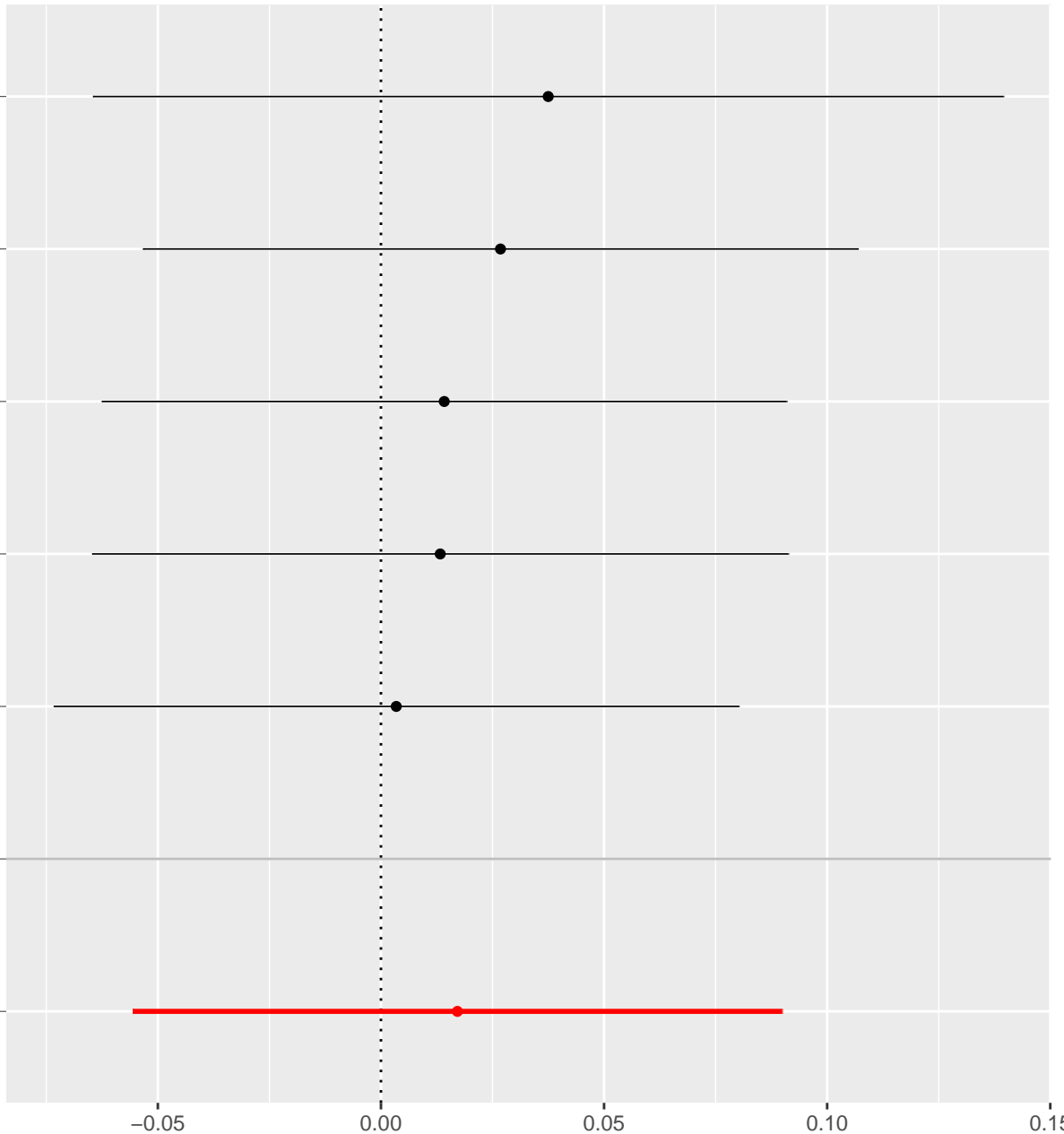
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13435 || id:685'



rs9906944

rs6728726

rs693839

rs6857

rs1558902

All

-0.10

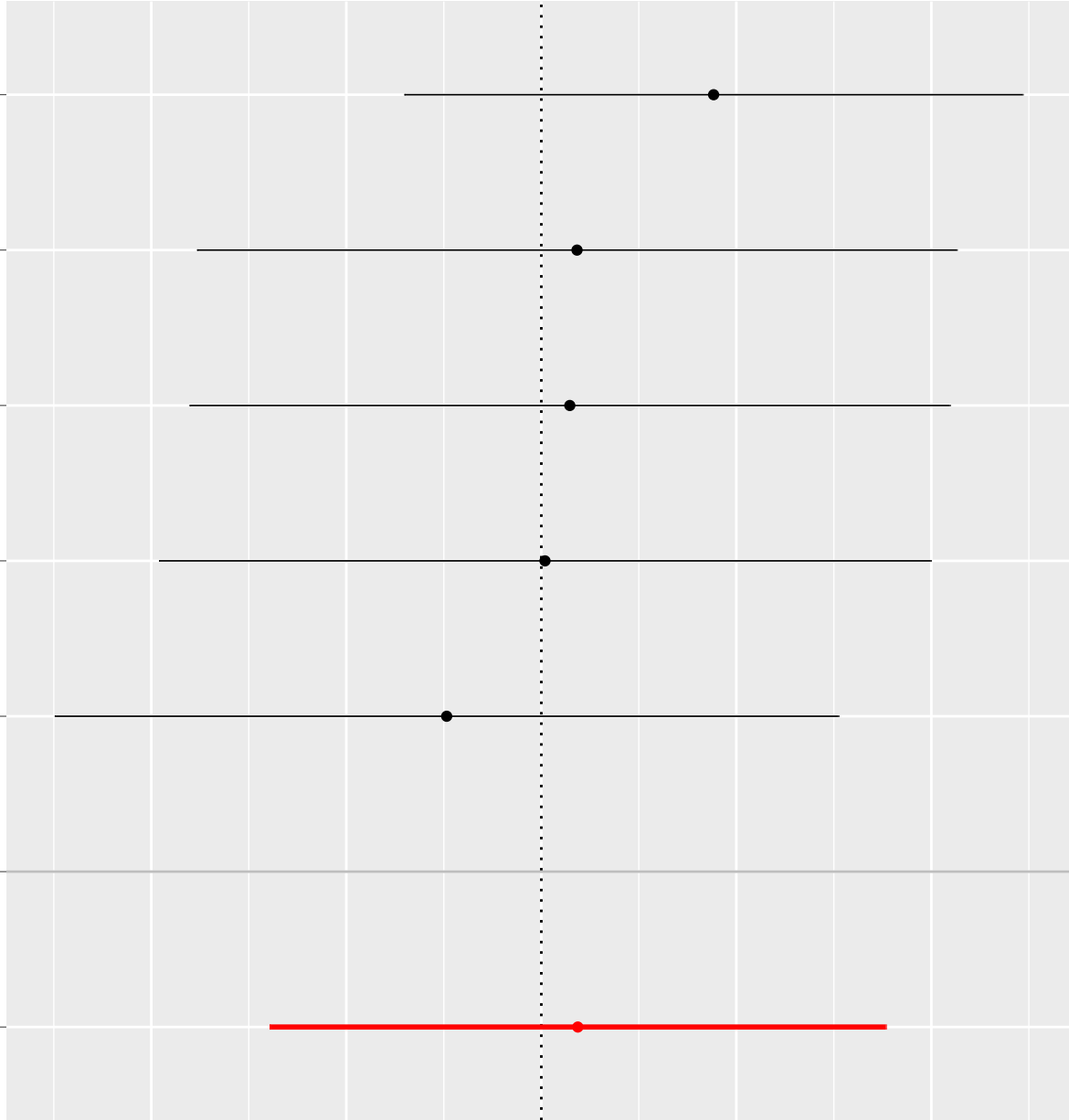
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13477 || id:686'





rs1558902

rs9906944

rs693839

rs6857

rs6728726

All

-0.05

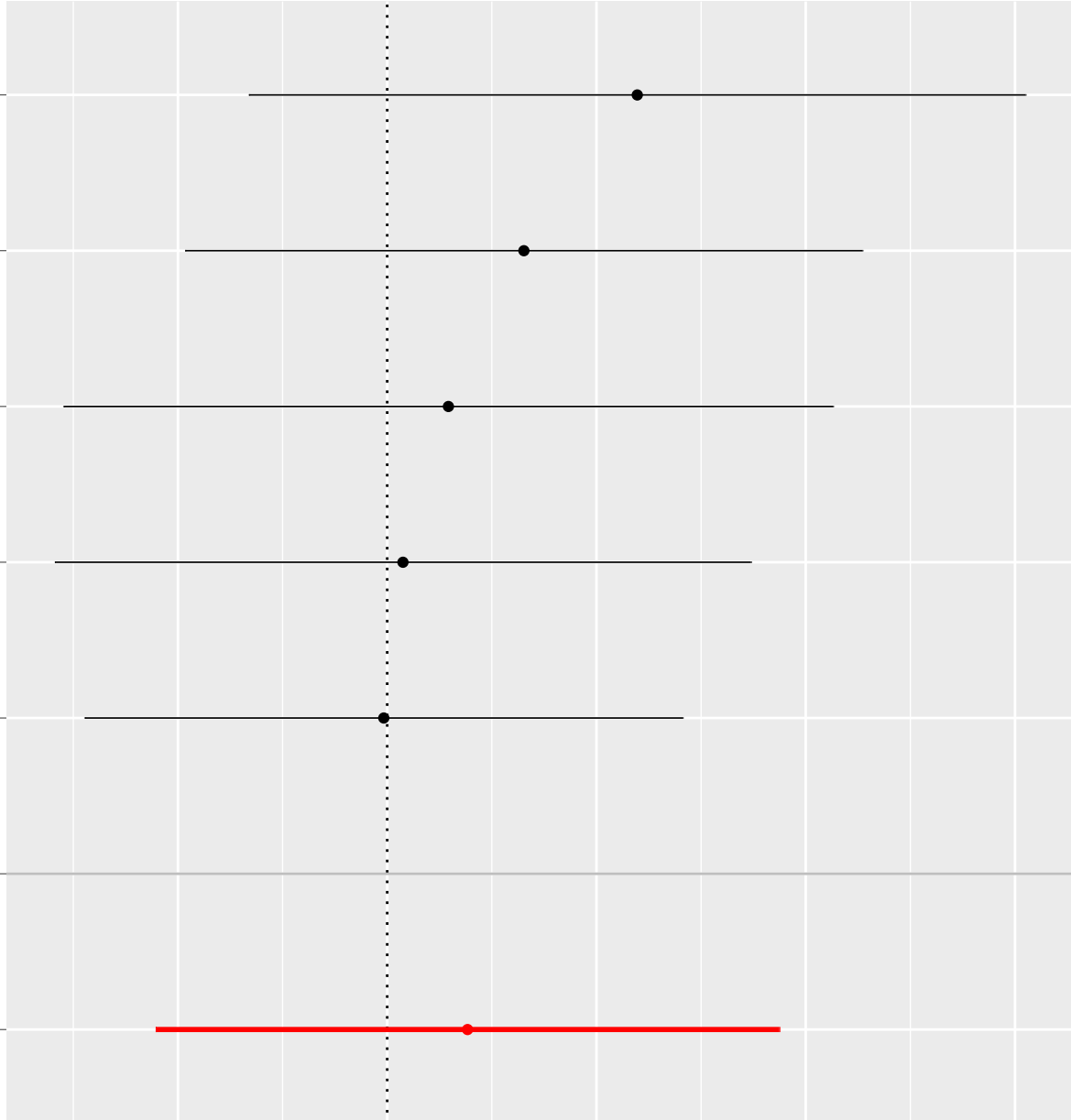
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-palmitoylglycerophosphocholine\* || id:687'



rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

-0.10

-0.05

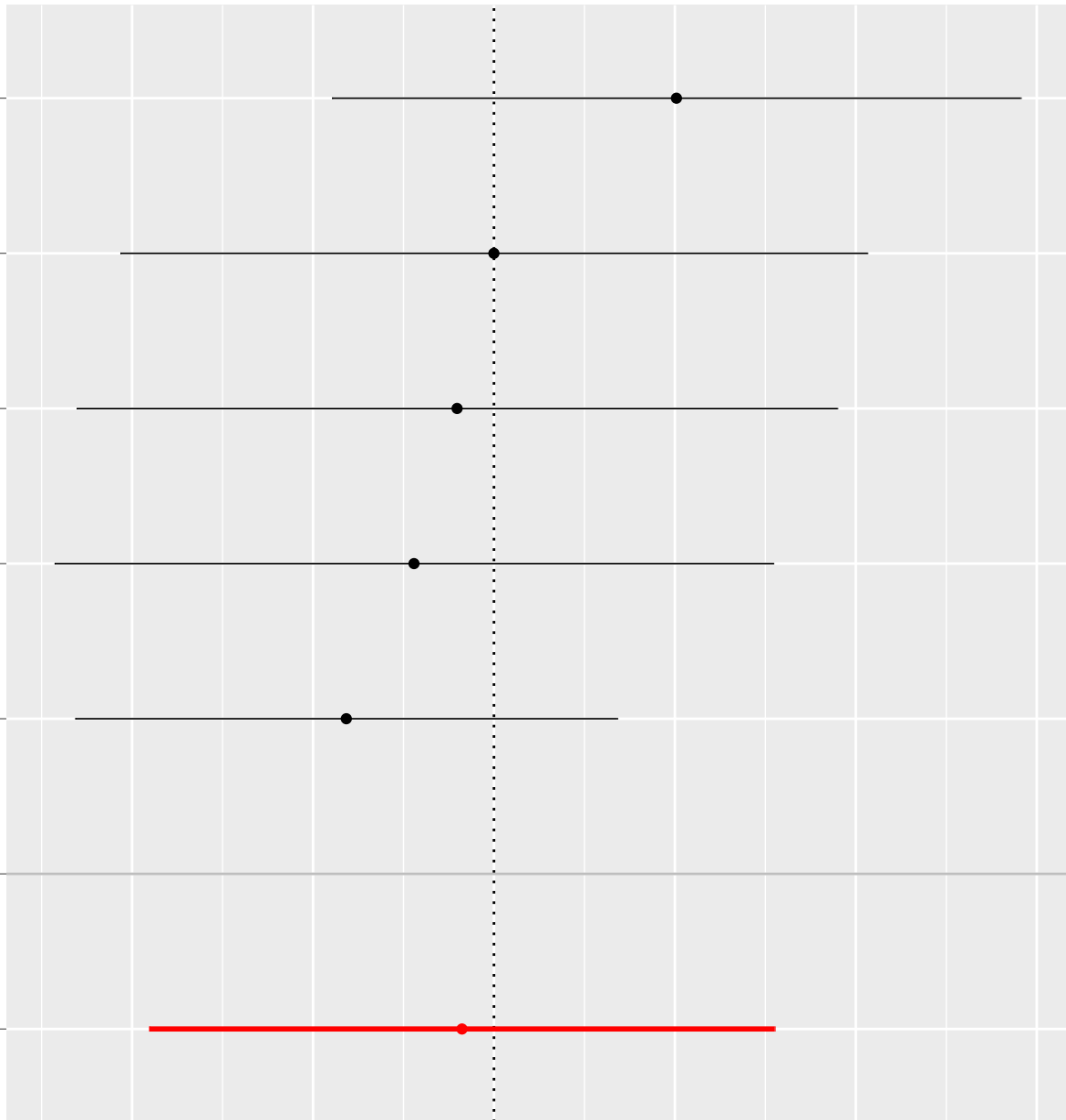
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-oleoylglycerophosphocholine\* || id:688'



rs9906944

rs6857

rs1558902

rs693839

rs6728726

All

-0.15

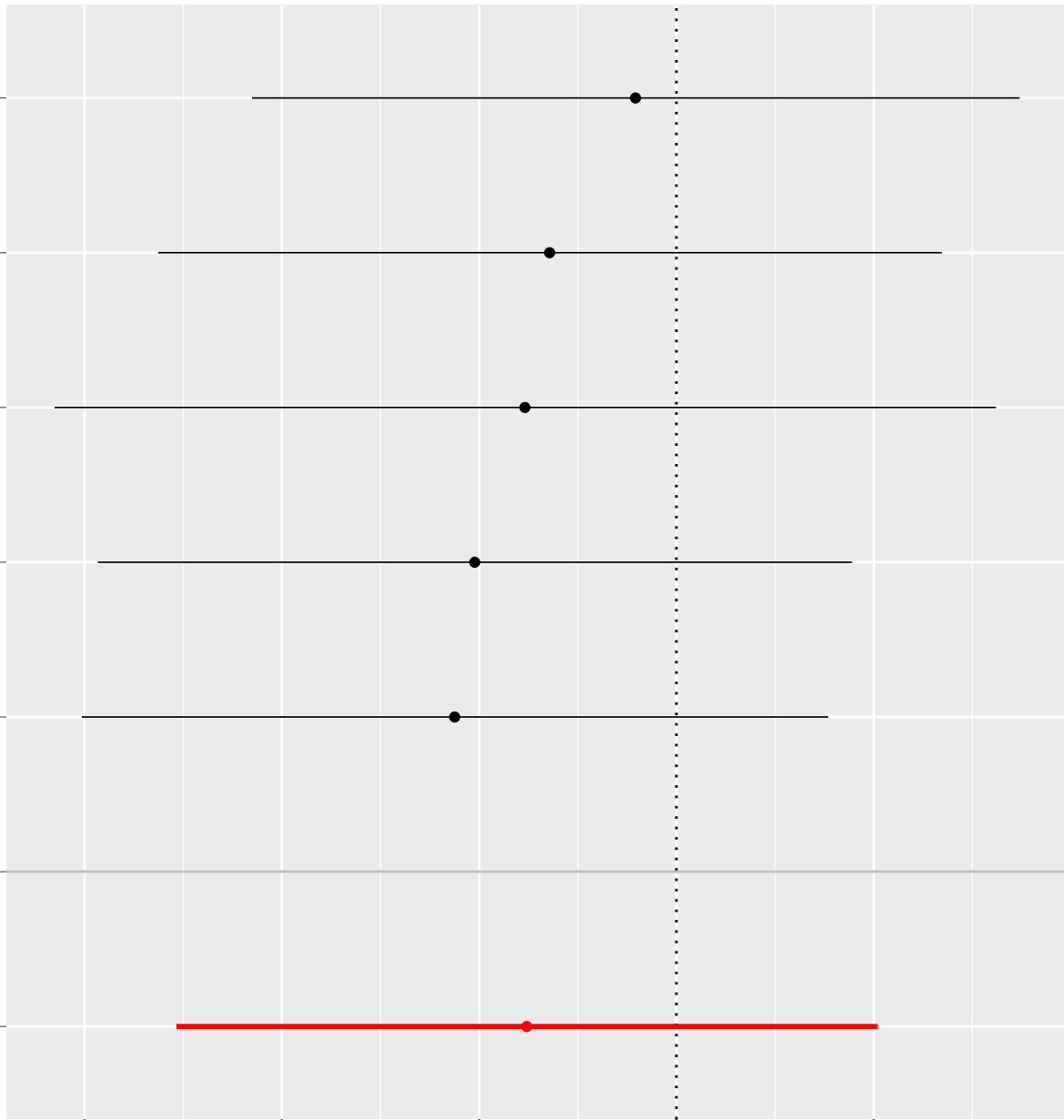
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-stearoylglycerophosphocholine\* || id:689'



rs1558902

rs9906944

rs693839

rs6728726

rs6857

All

-0.10

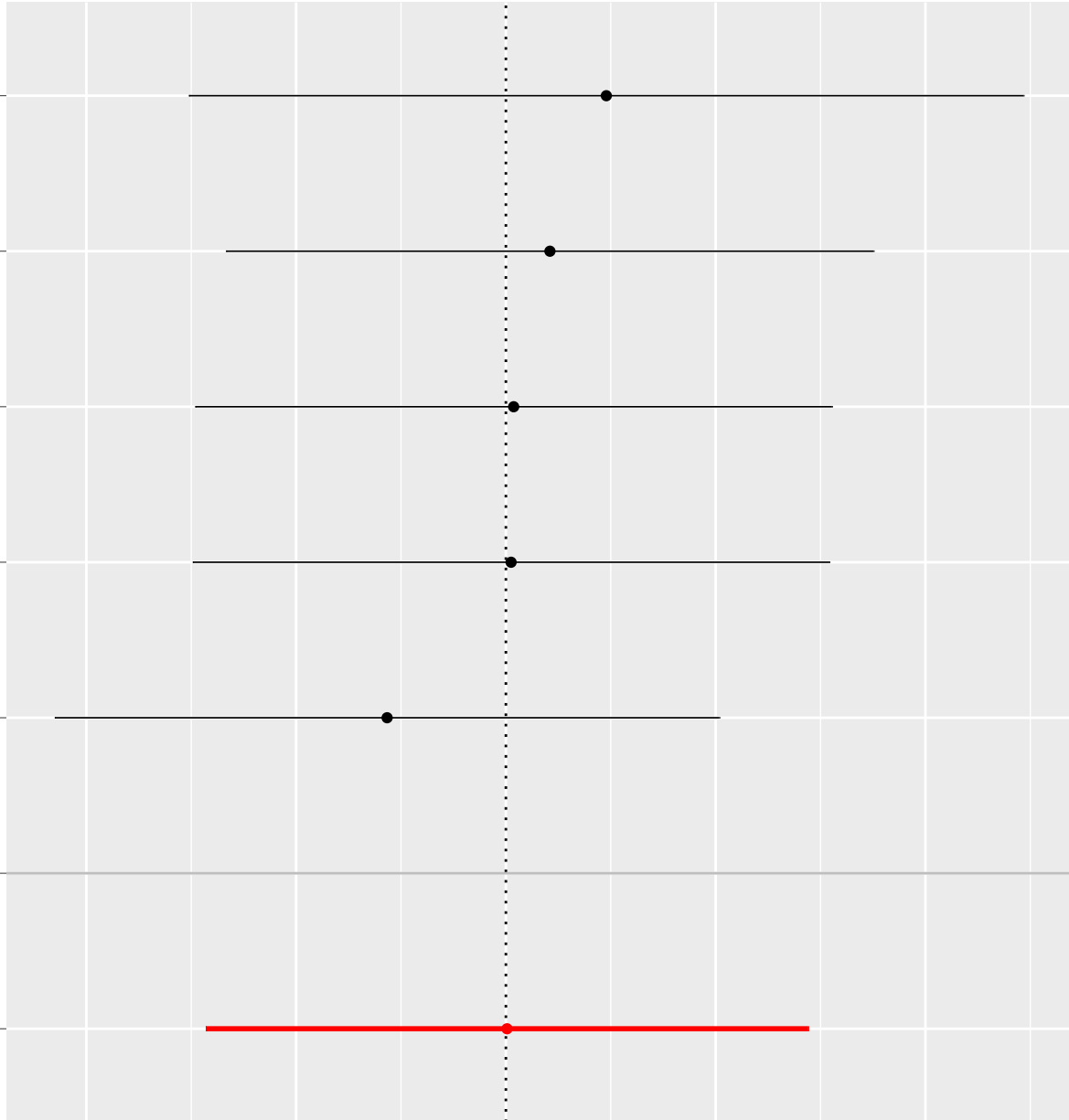
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-linoleoylglycerophosphocholine\* || id:690'



rs9906944

rs6728726

rs693839

rs1558902

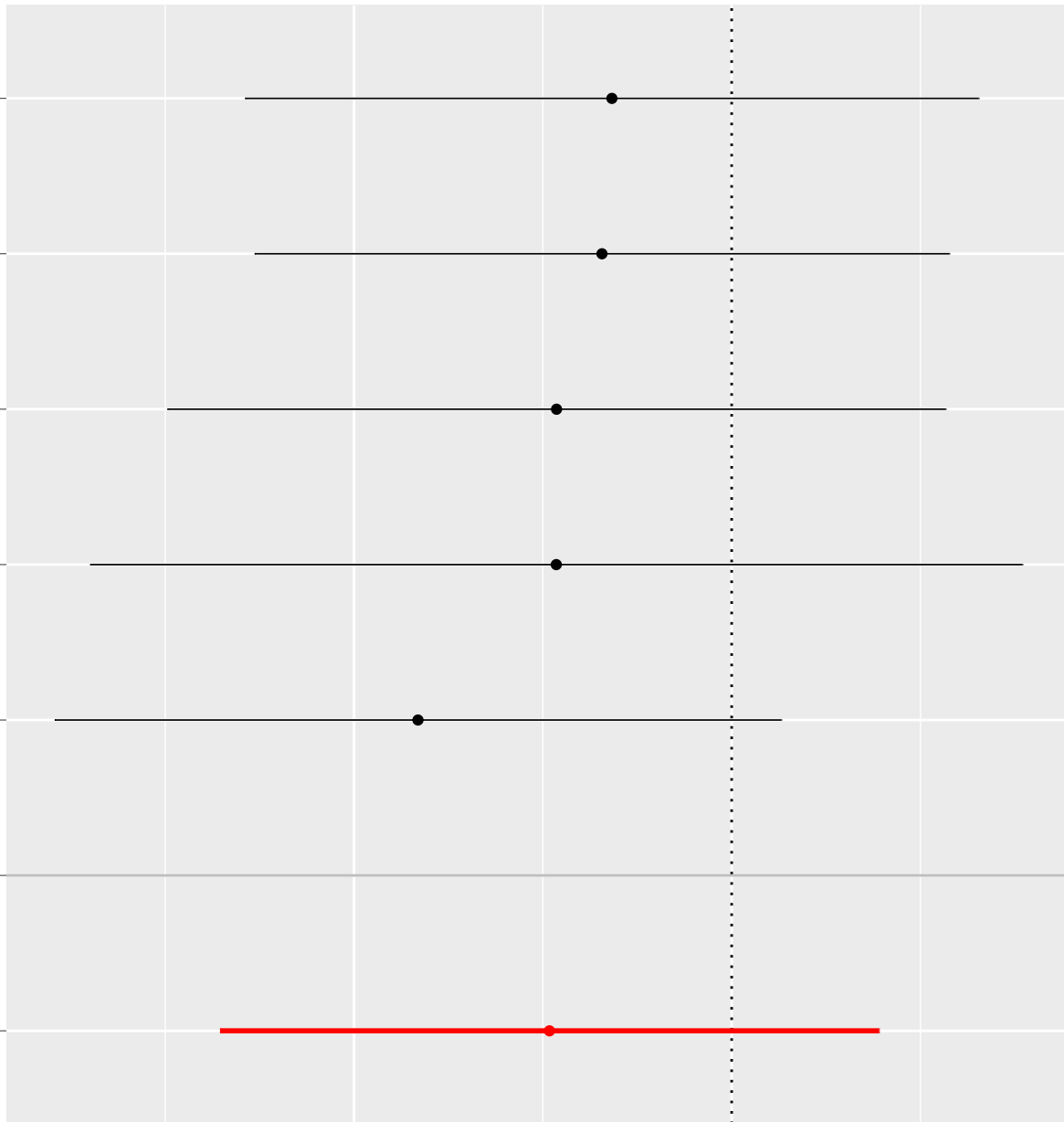
rs6857

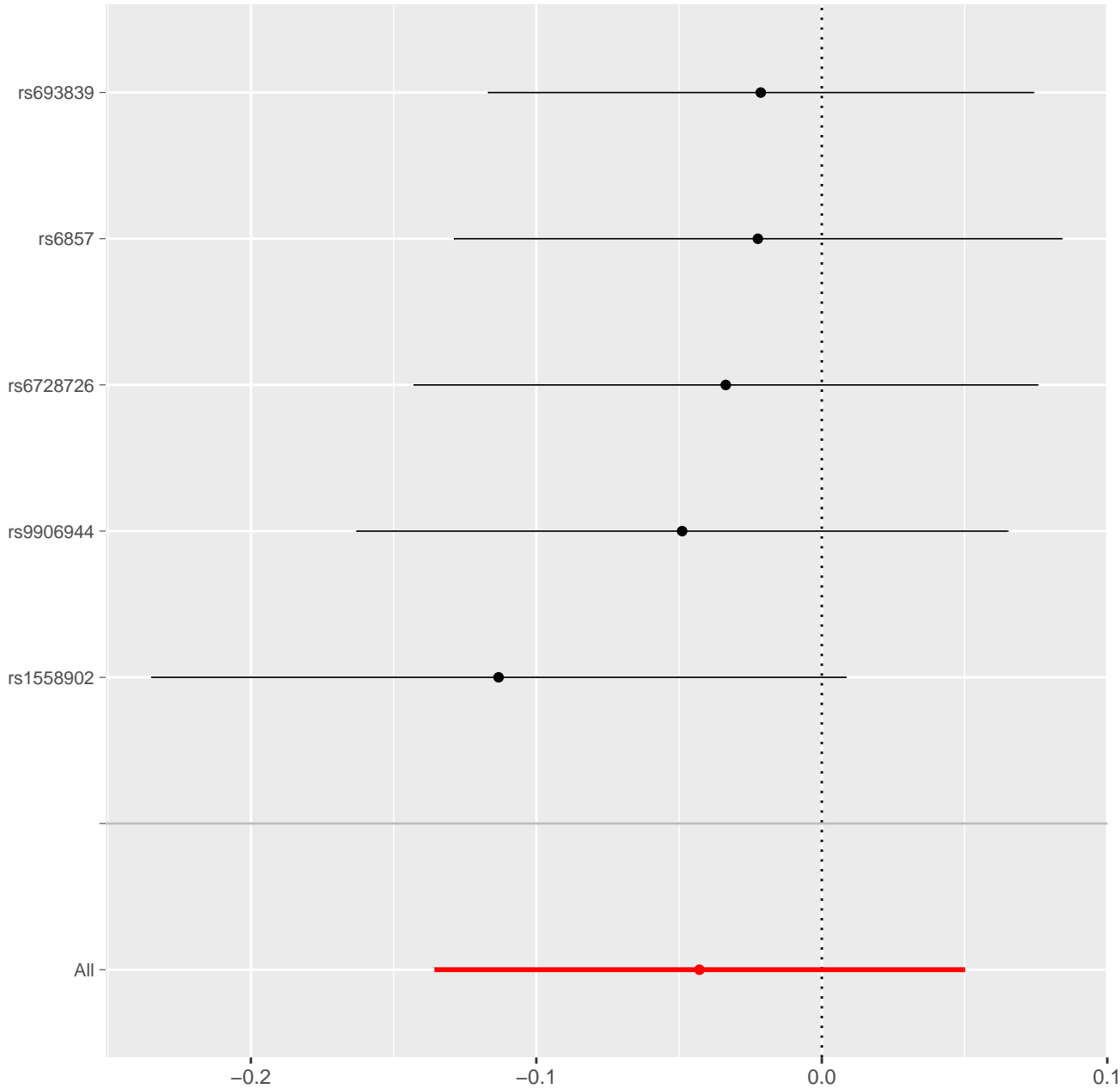
All

-0.05

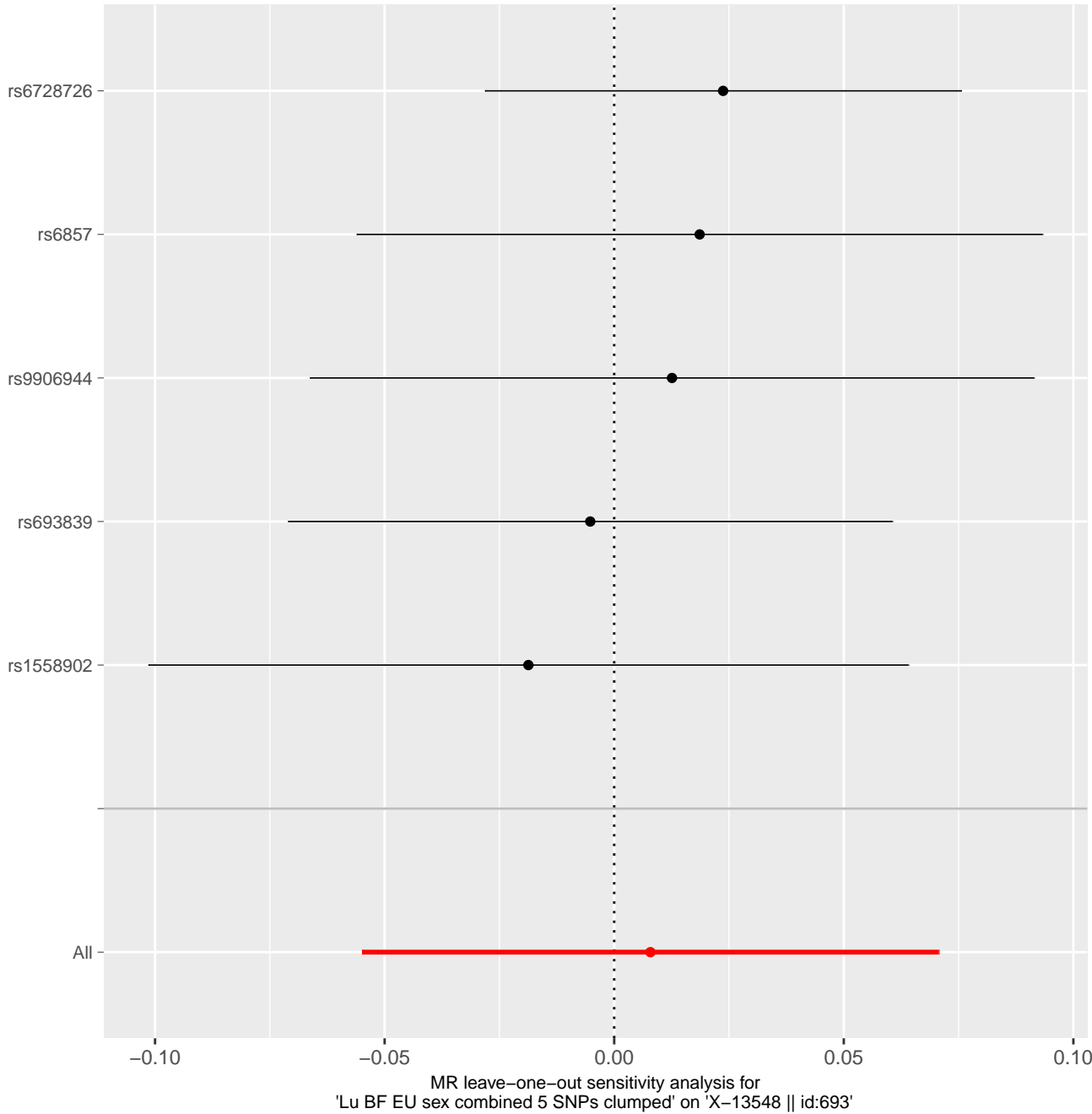
0.00

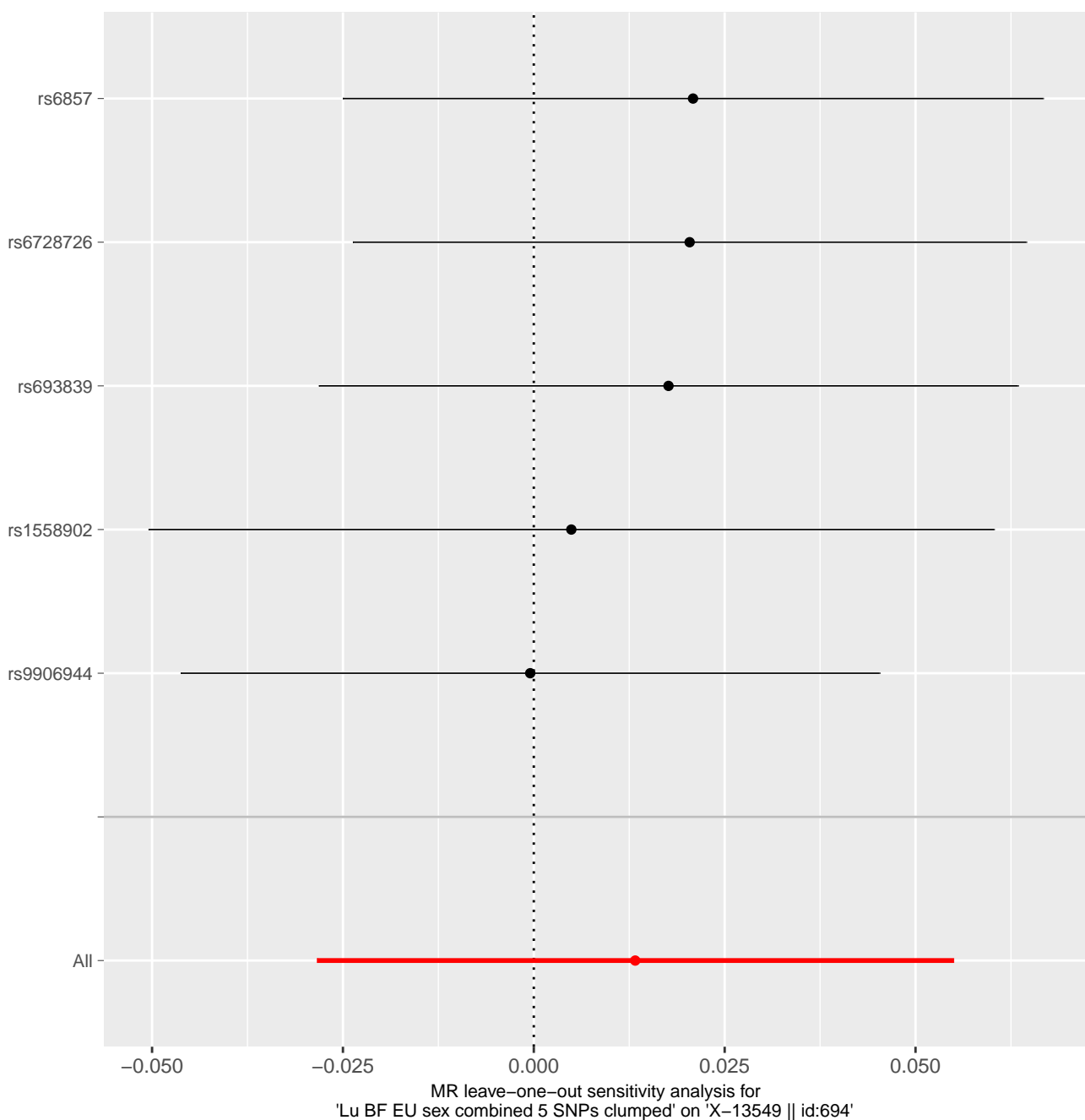
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13496 || id:691'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-palmitoylglycerophosphoinositol' || id:692'







rs693839

rs1558902

rs6857

rs9906944

rs6728726

All

-0.05

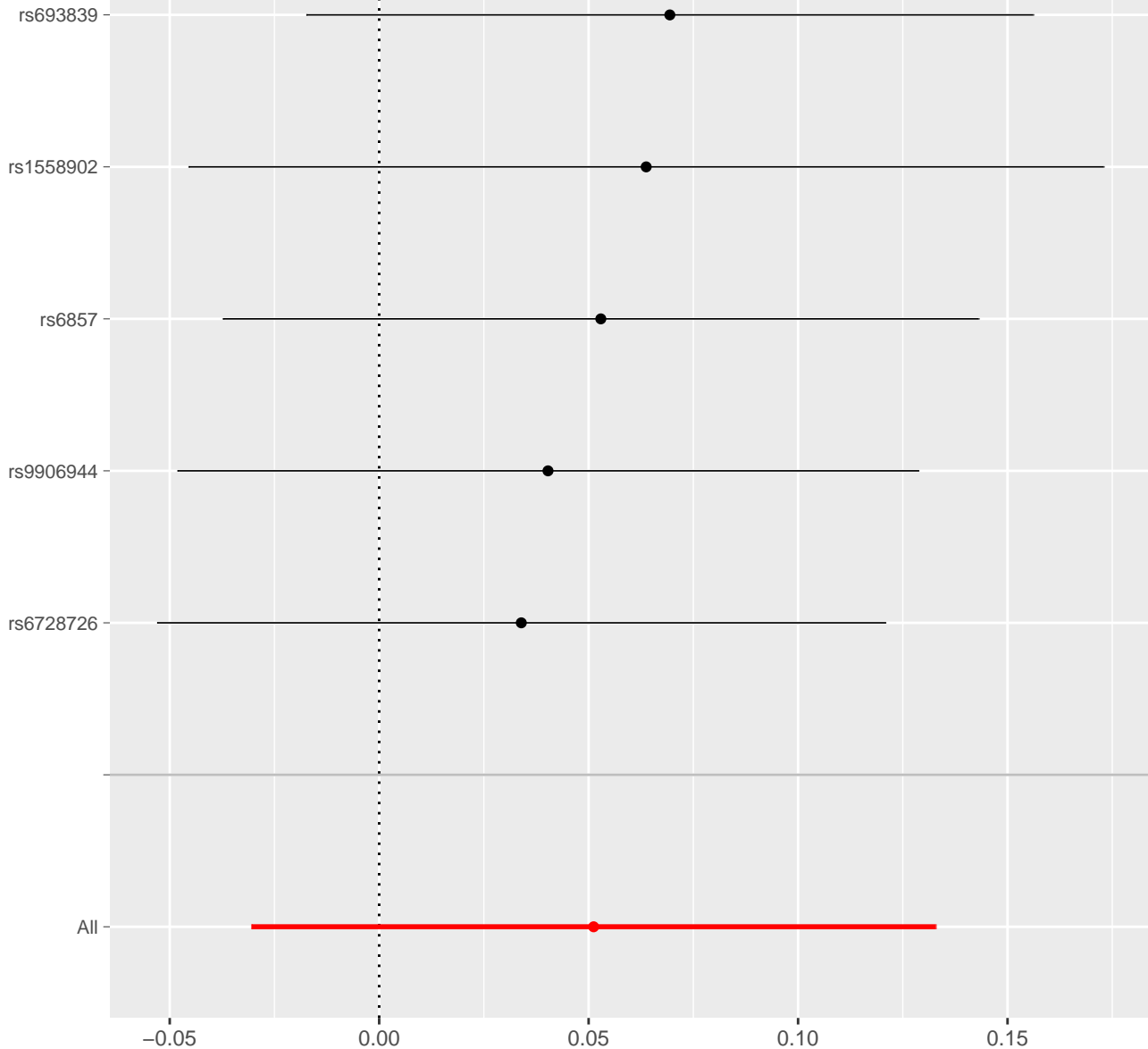
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13553 || id:695'



rs693839

rs1558902

rs9906944

rs6728726

rs6857

All

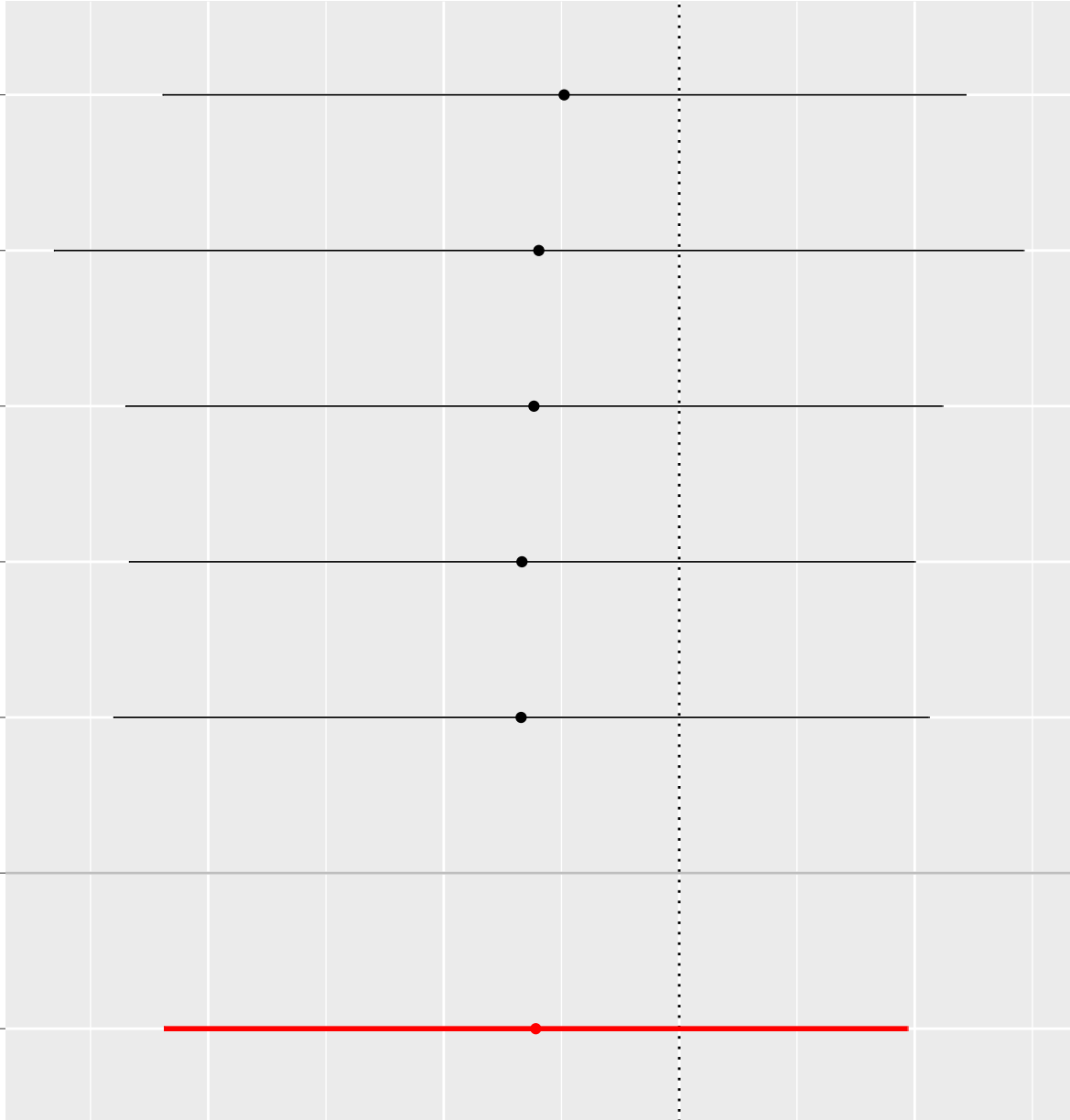
-0.050

-0.025

0.000

0.025

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13619 || id:696'



rs693839

rs6857

rs6728726

rs9906944

rs1558902

All

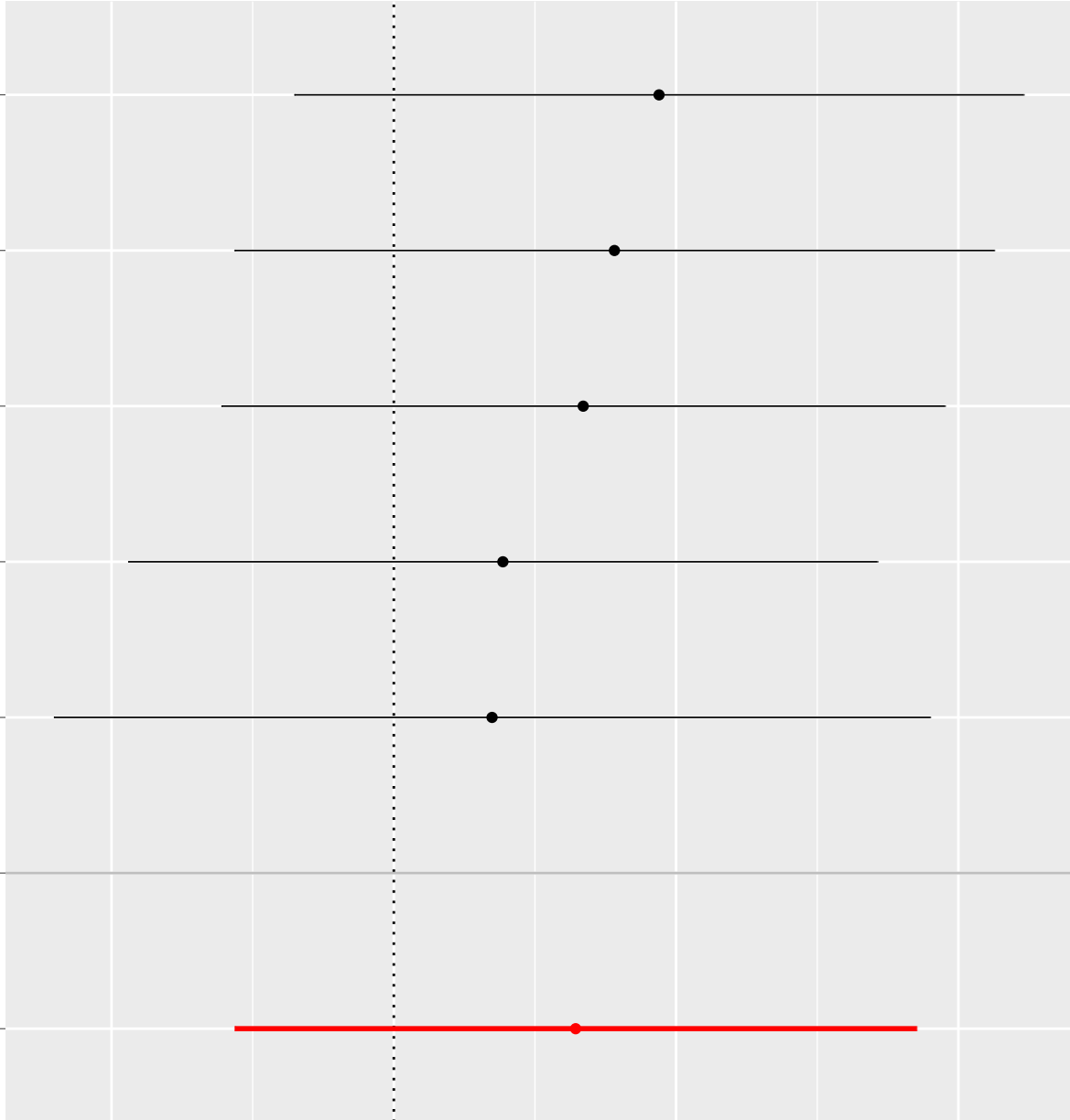
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-methylbutyrylcarnitine || id:697'



rs1558902

rs693839

rs9906944

rs6728726

rs6857

All

-0.10

-0.05

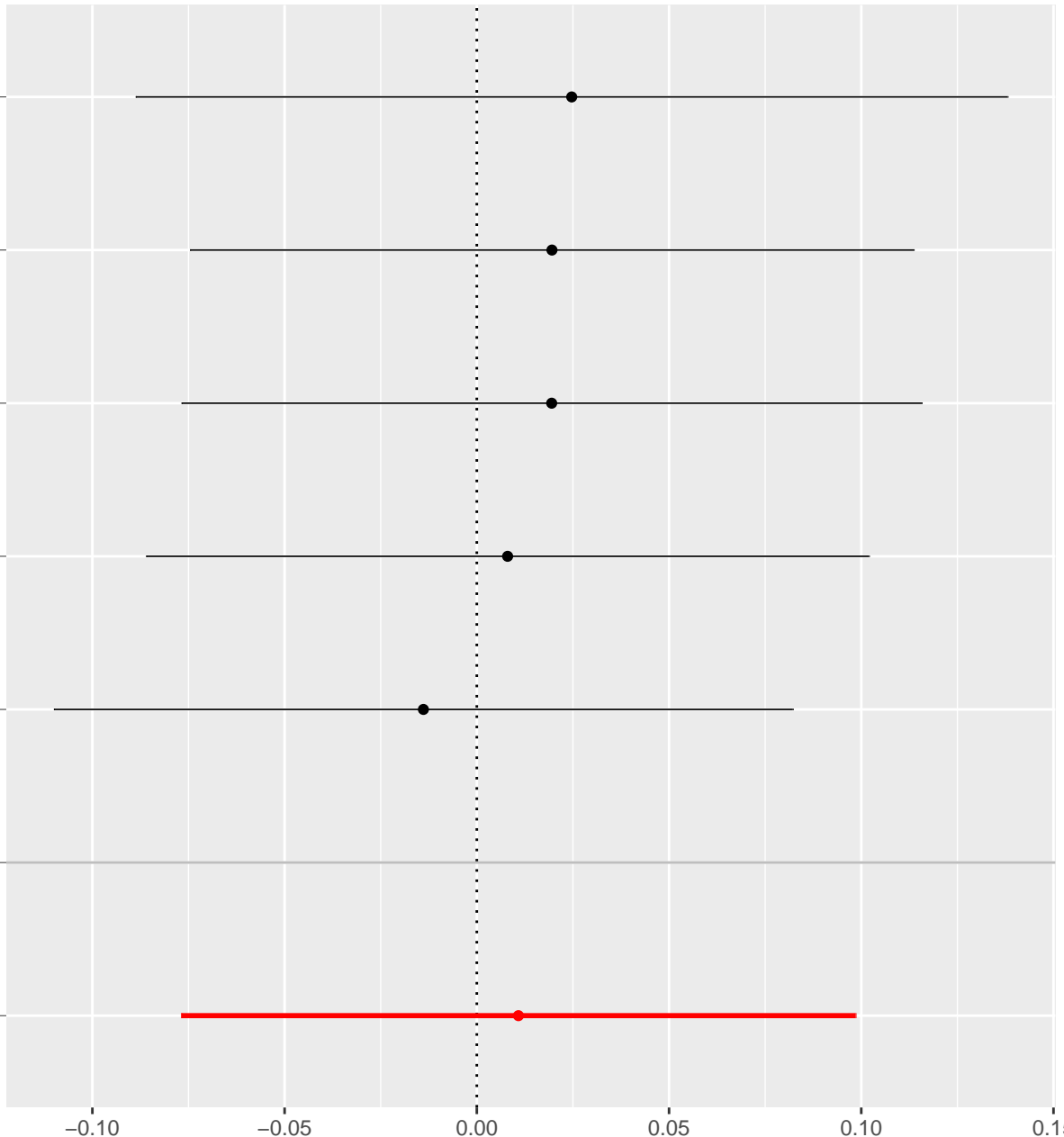
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Hydroxyisovaleroyl carnitine || id:698'



rs1558902

rs6728726

rs693839

rs9906944

rs6857

All

-0.10

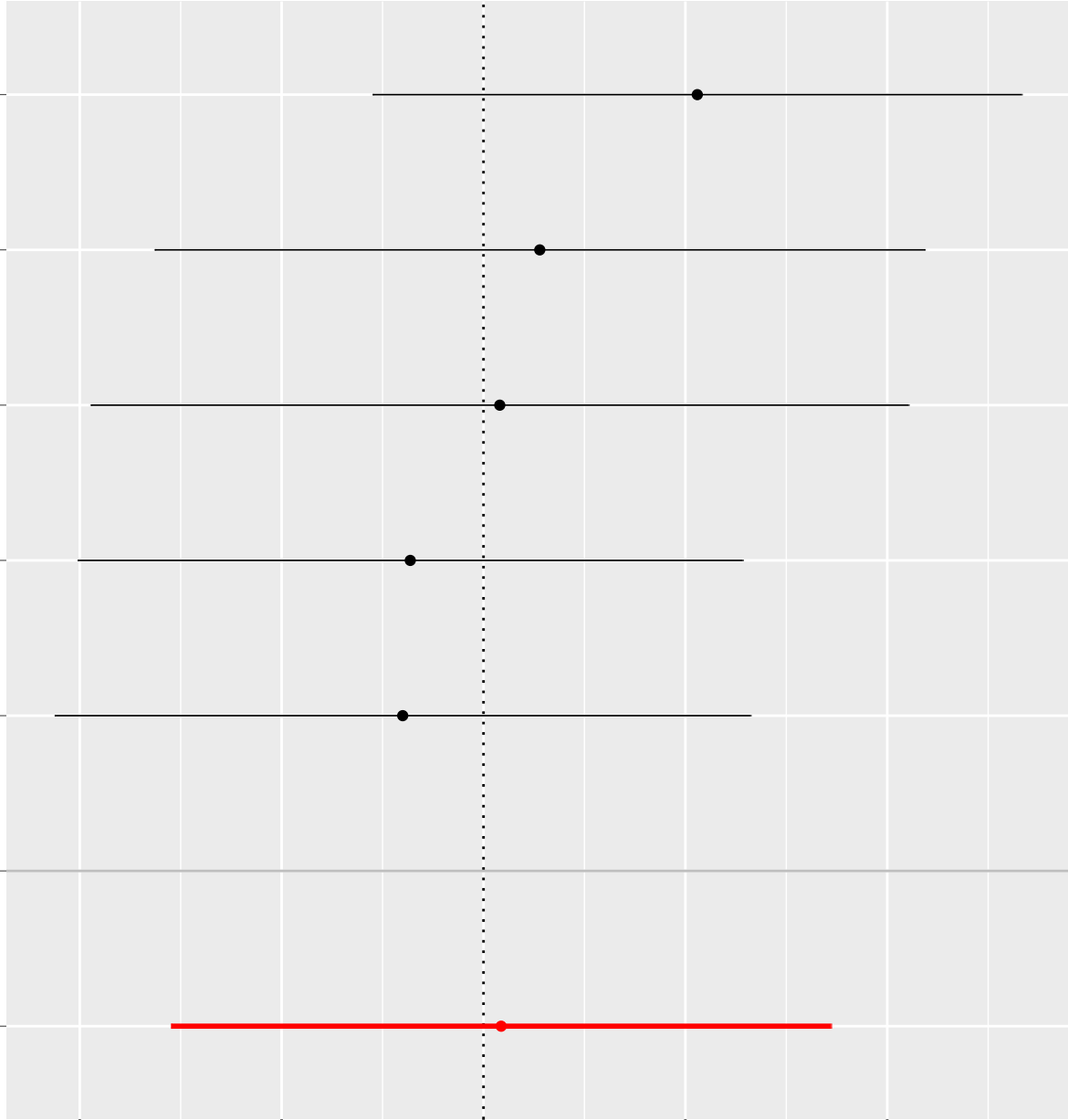
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Glutaryl carnitine || id:699'



rs9906944

rs6857

rs693839

rs6728726

rs1558902

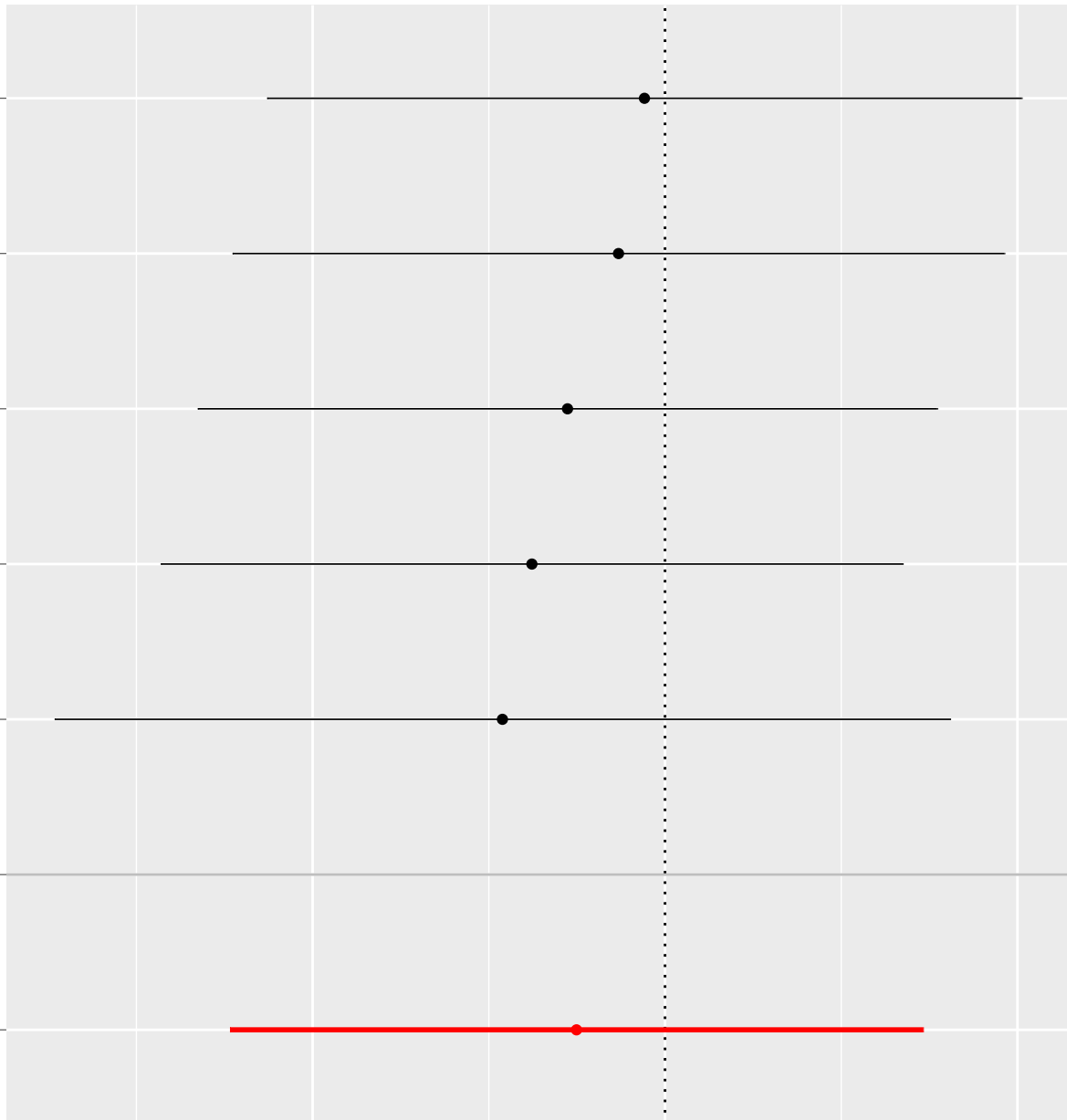
All

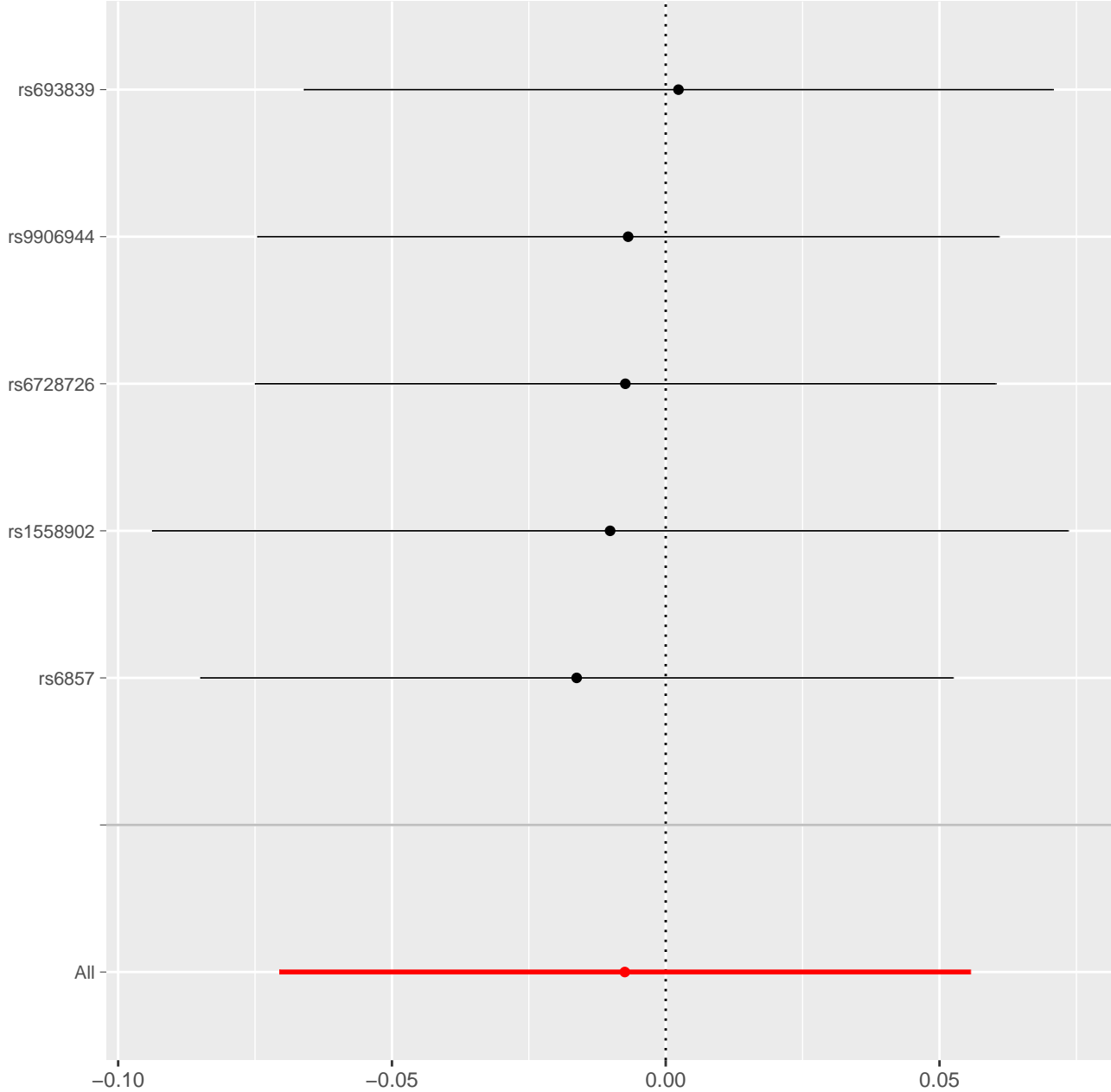
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13658 || id:700'

-0.25

0.00

0.25





rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

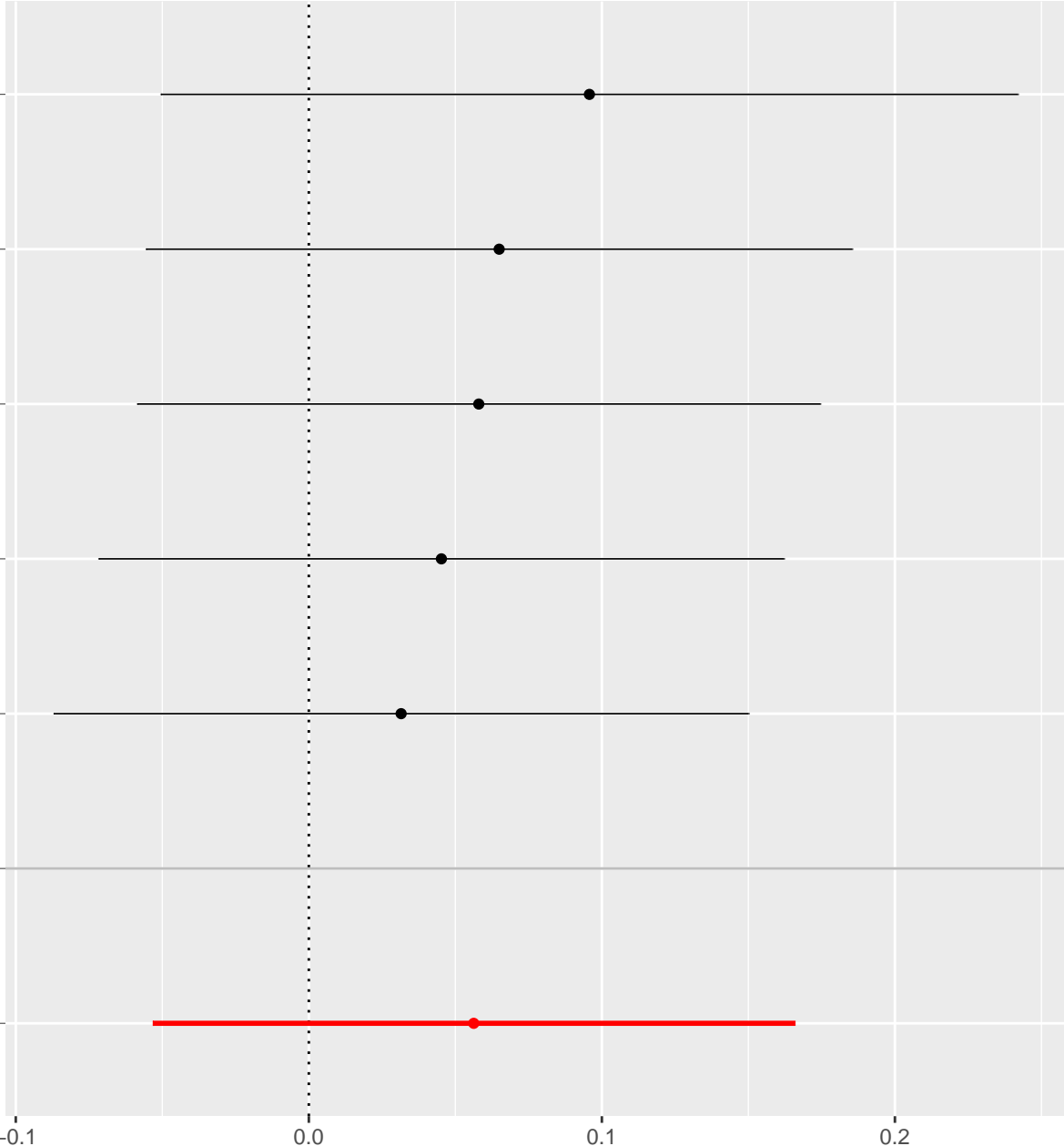
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-tetradecenoyl carnitine || id:702'





rs9906944

rs693839

rs6728726

rs1558902

rs6857

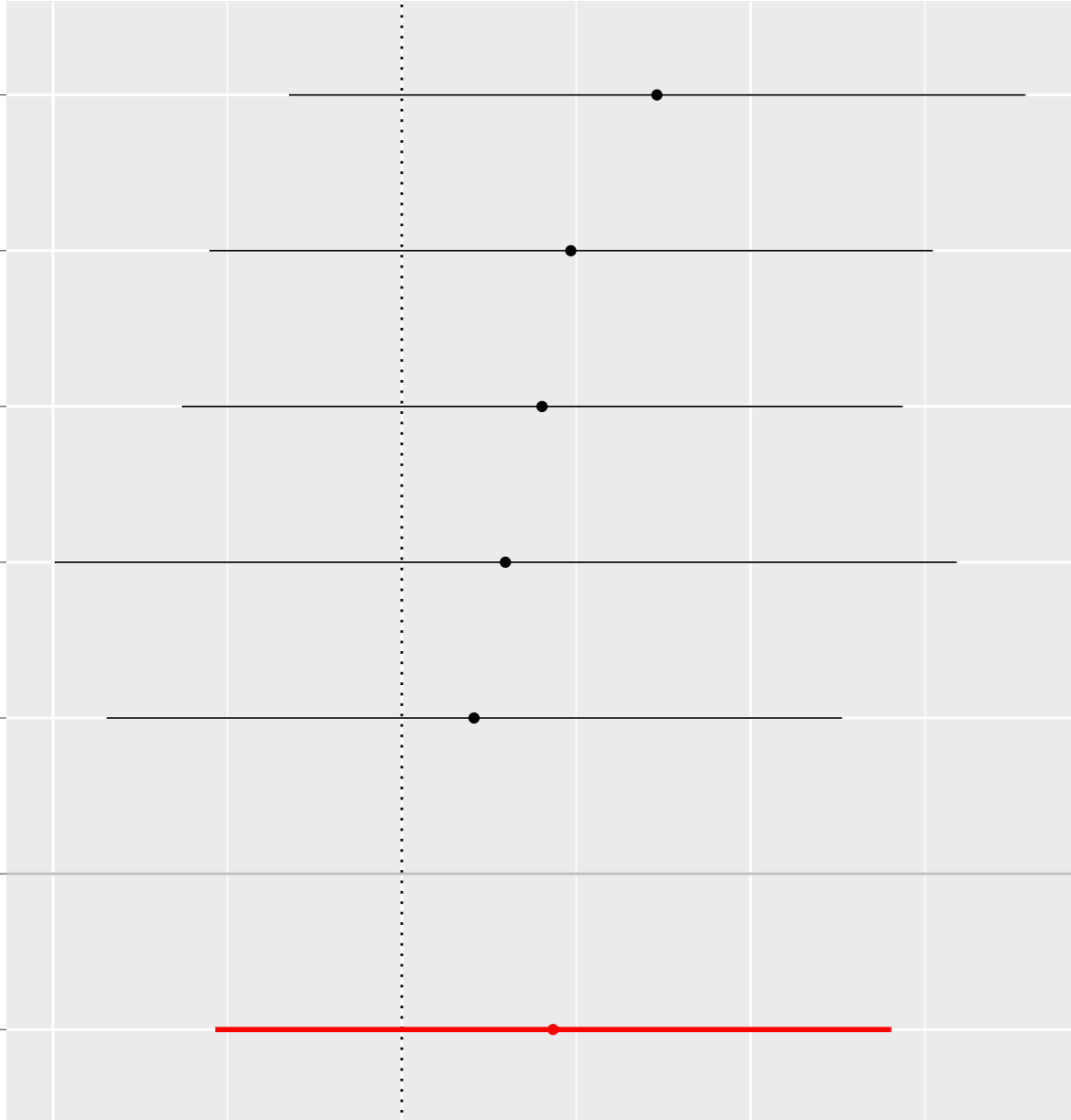
All

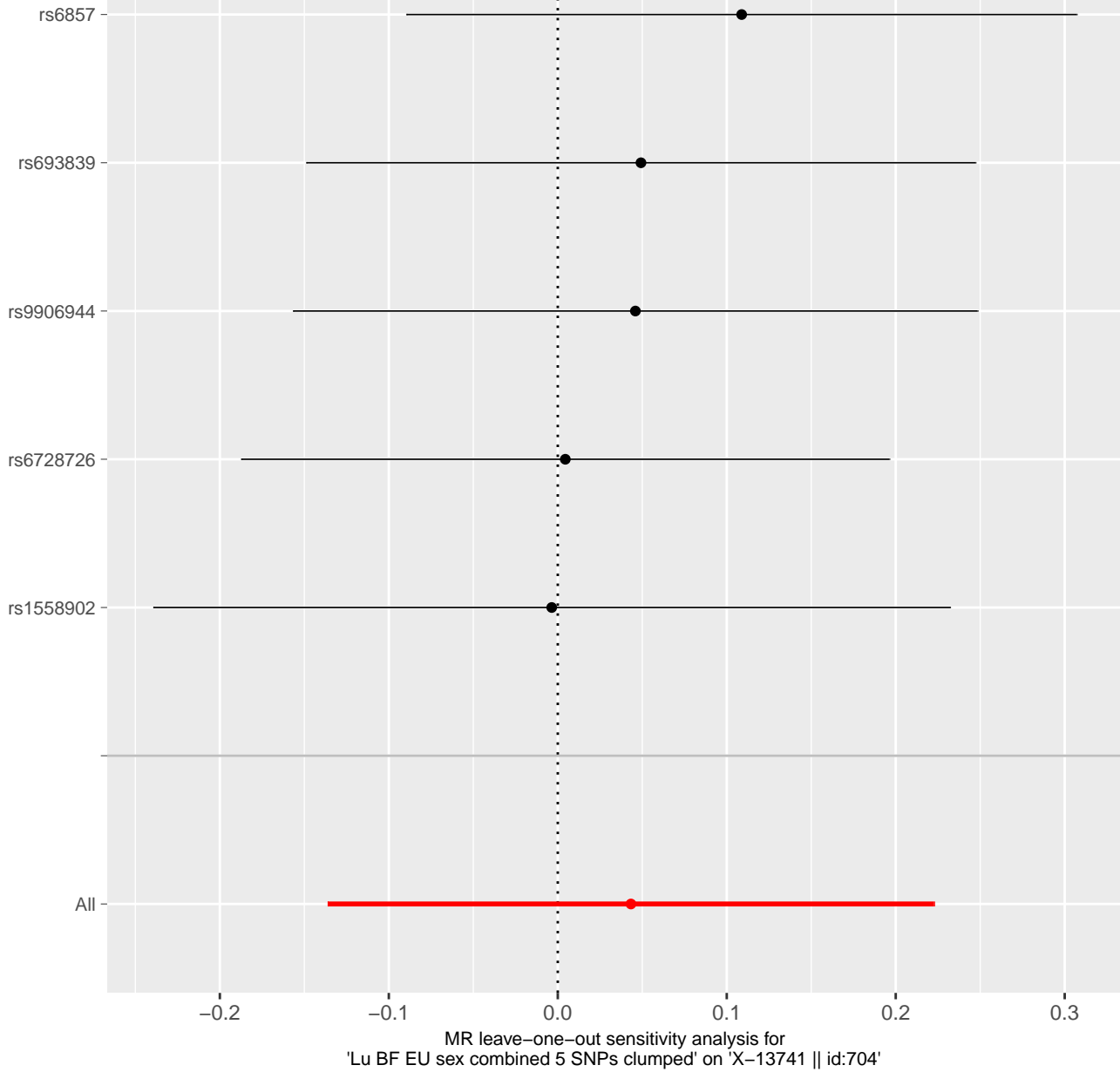
-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '4-hydroxyhippurate || id:703'





rs1558902

rs693839

rs9906944

rs6857

rs6728726

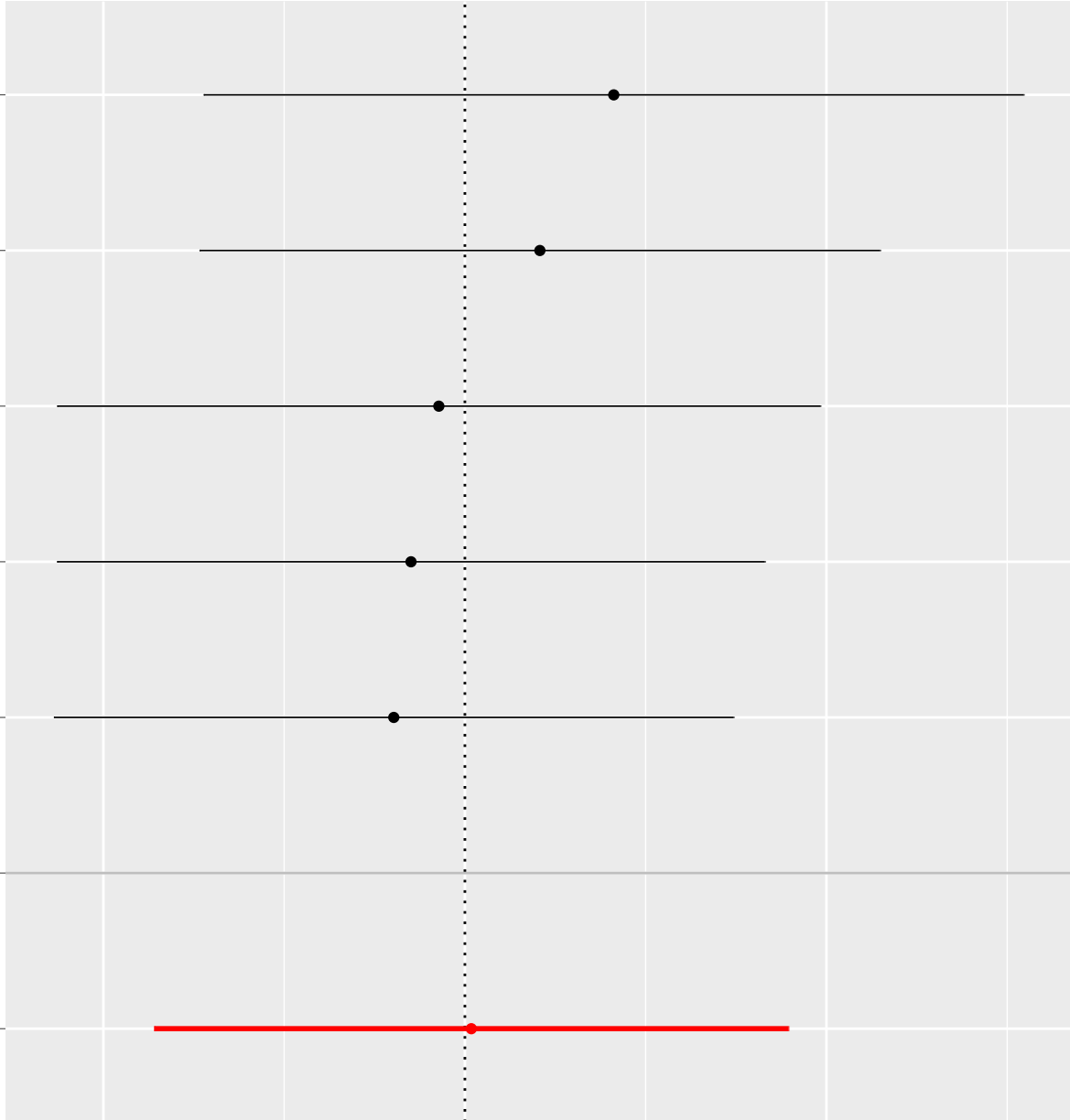
All

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-myristoylglycerophosphocholine || id:705'



rs9906944

rs6728726

rs6857

rs693839

rs1558902

All

-0.20

-0.15

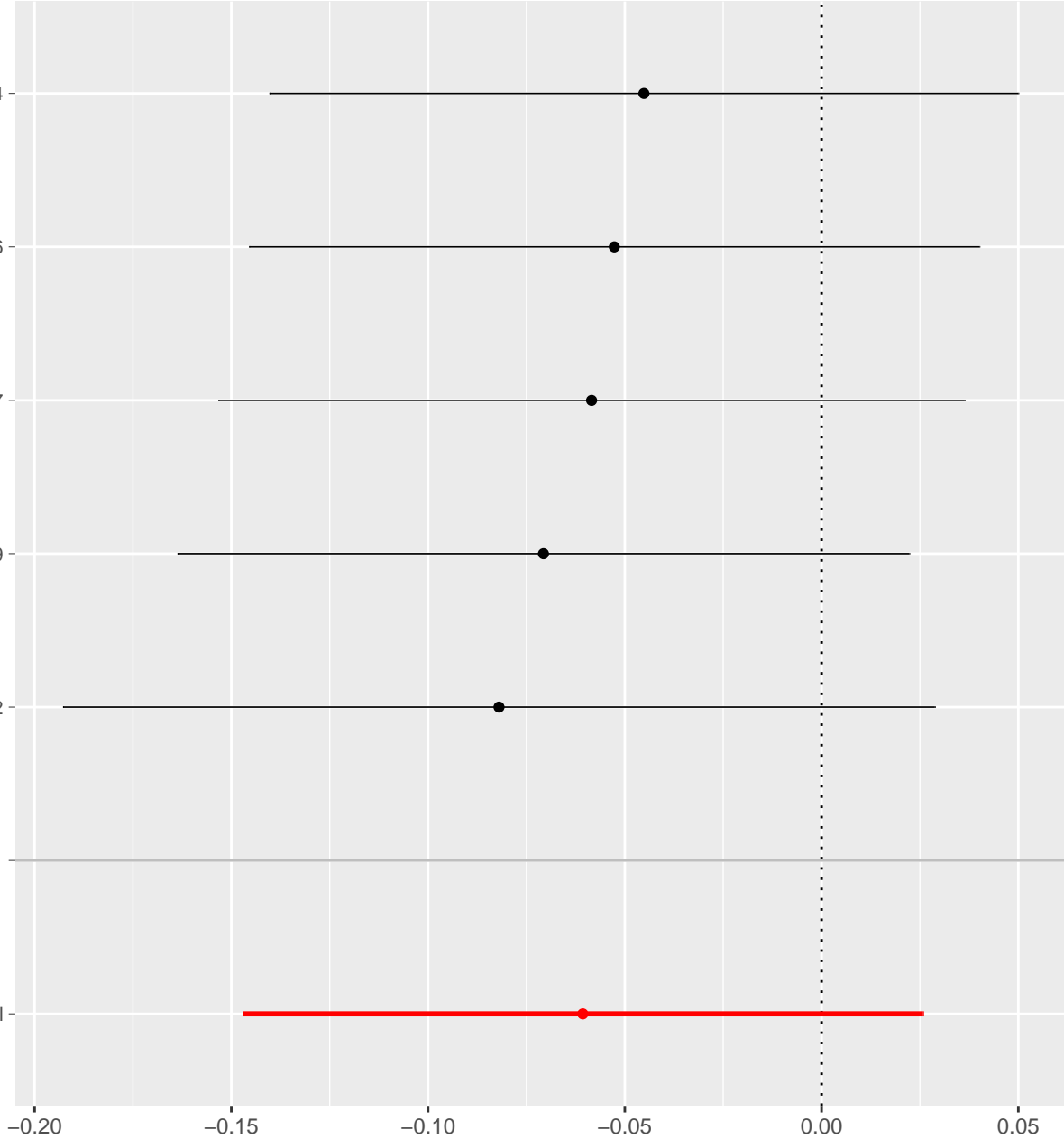
-0.10

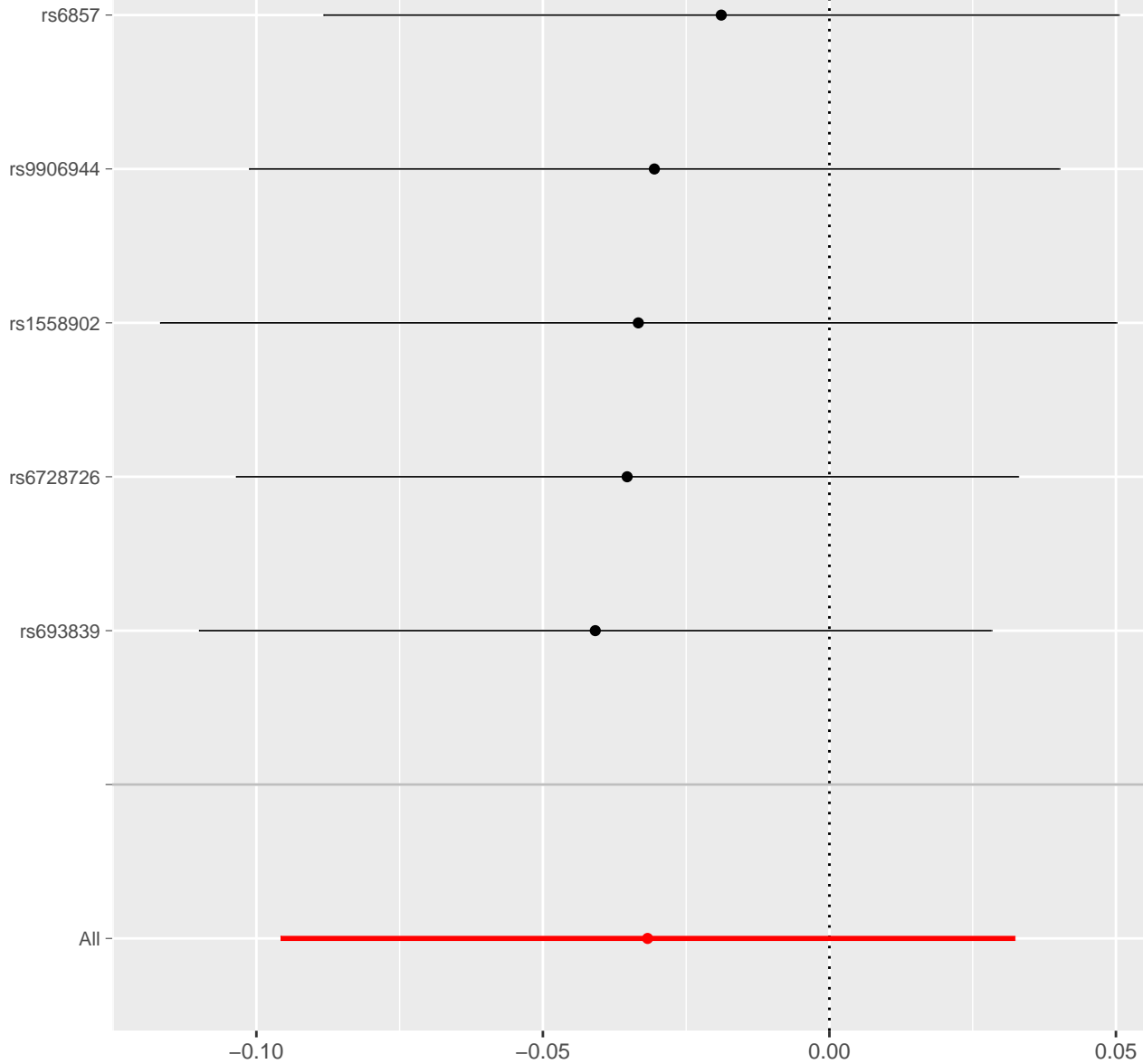
-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-oleoylglycerophosphoethanolamine || id:706'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '1-palmitoylglycerophosphoethanolamine || id:707'

rs1558902

rs6857

rs6728726

rs9906944

rs693839

All

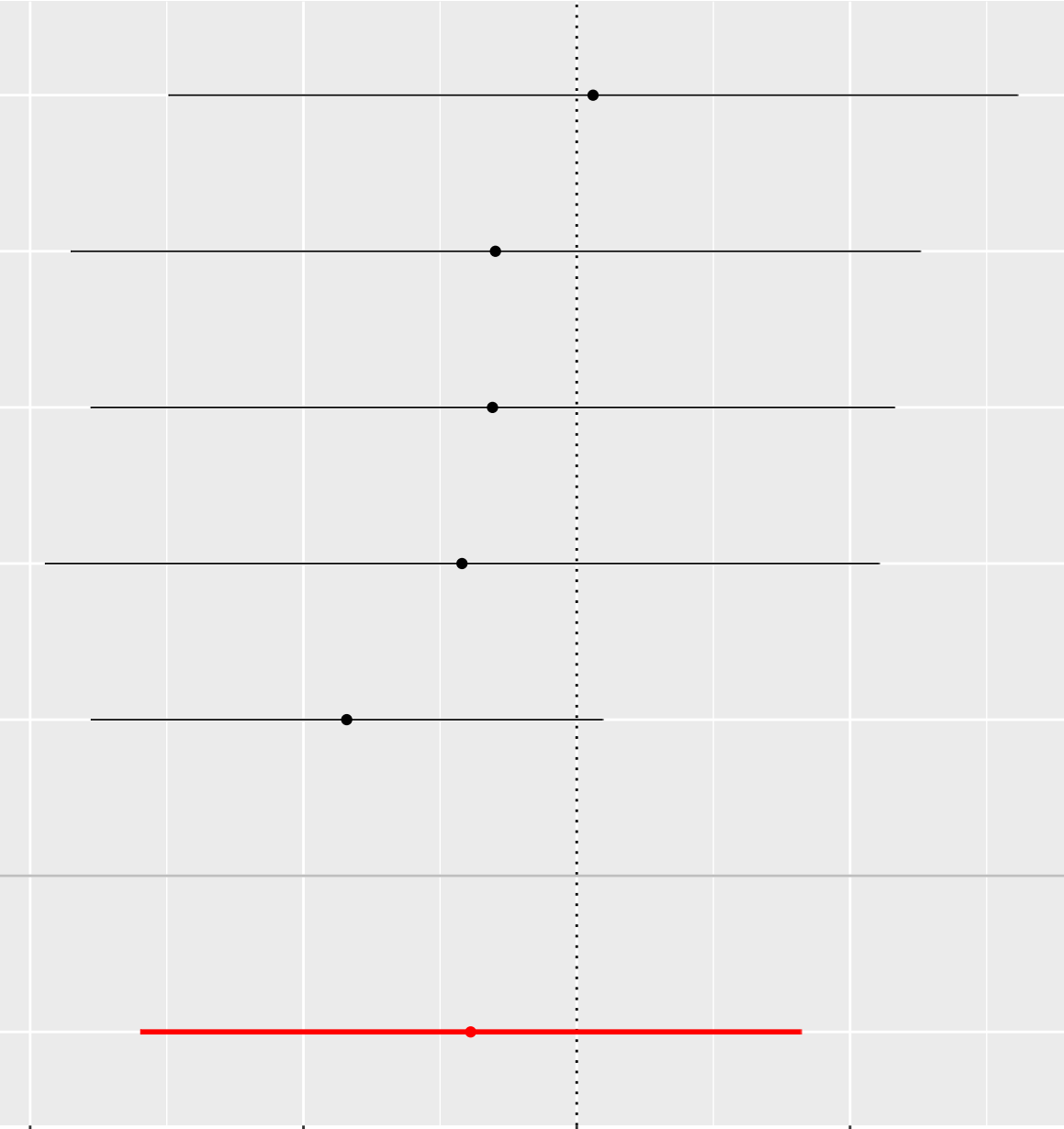
-0.6

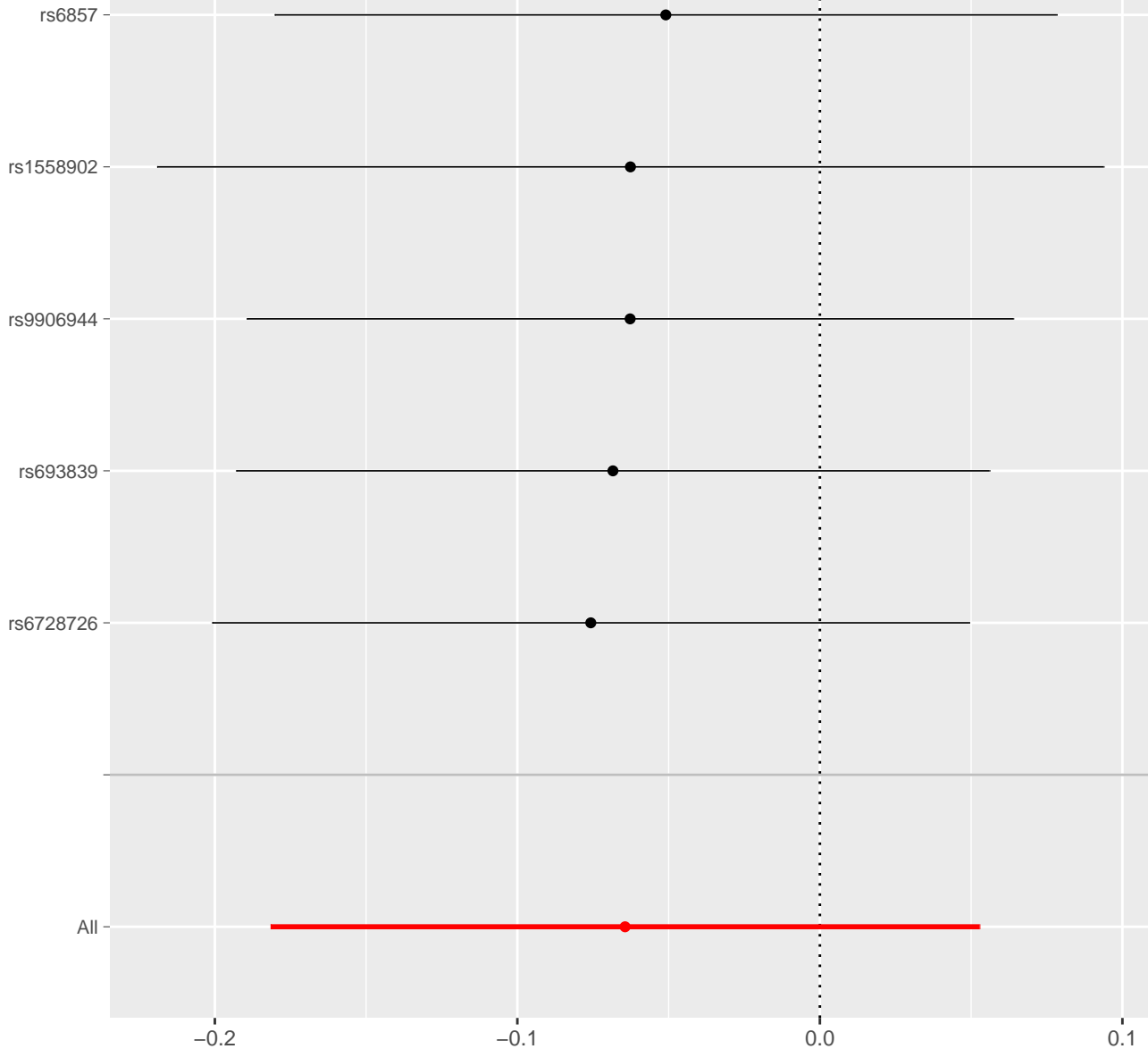
-0.3

0.0

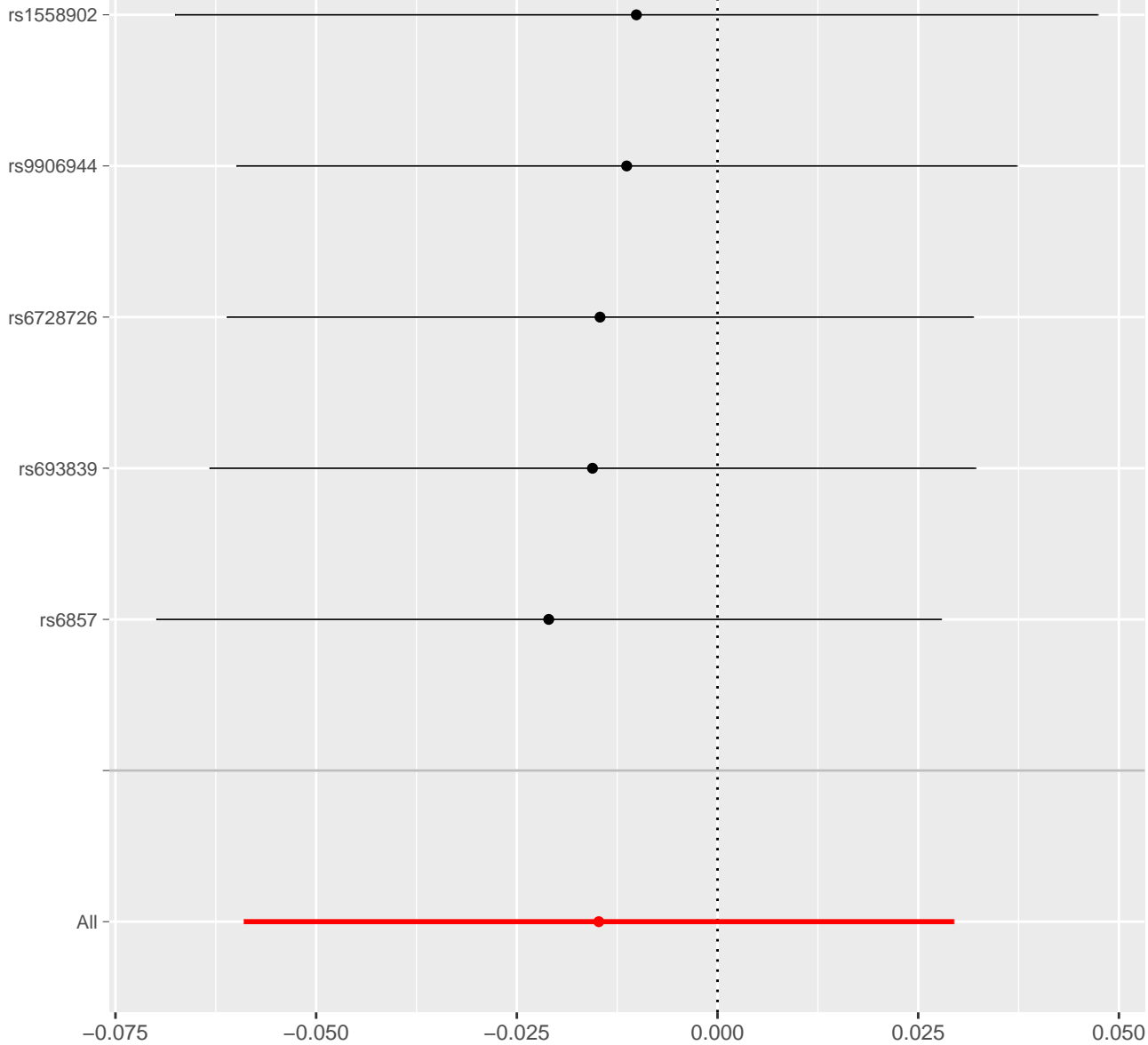
0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '3-(3-hydroxyphenyl)propionate || id:708'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Tetradecanedioate || id:709'





rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

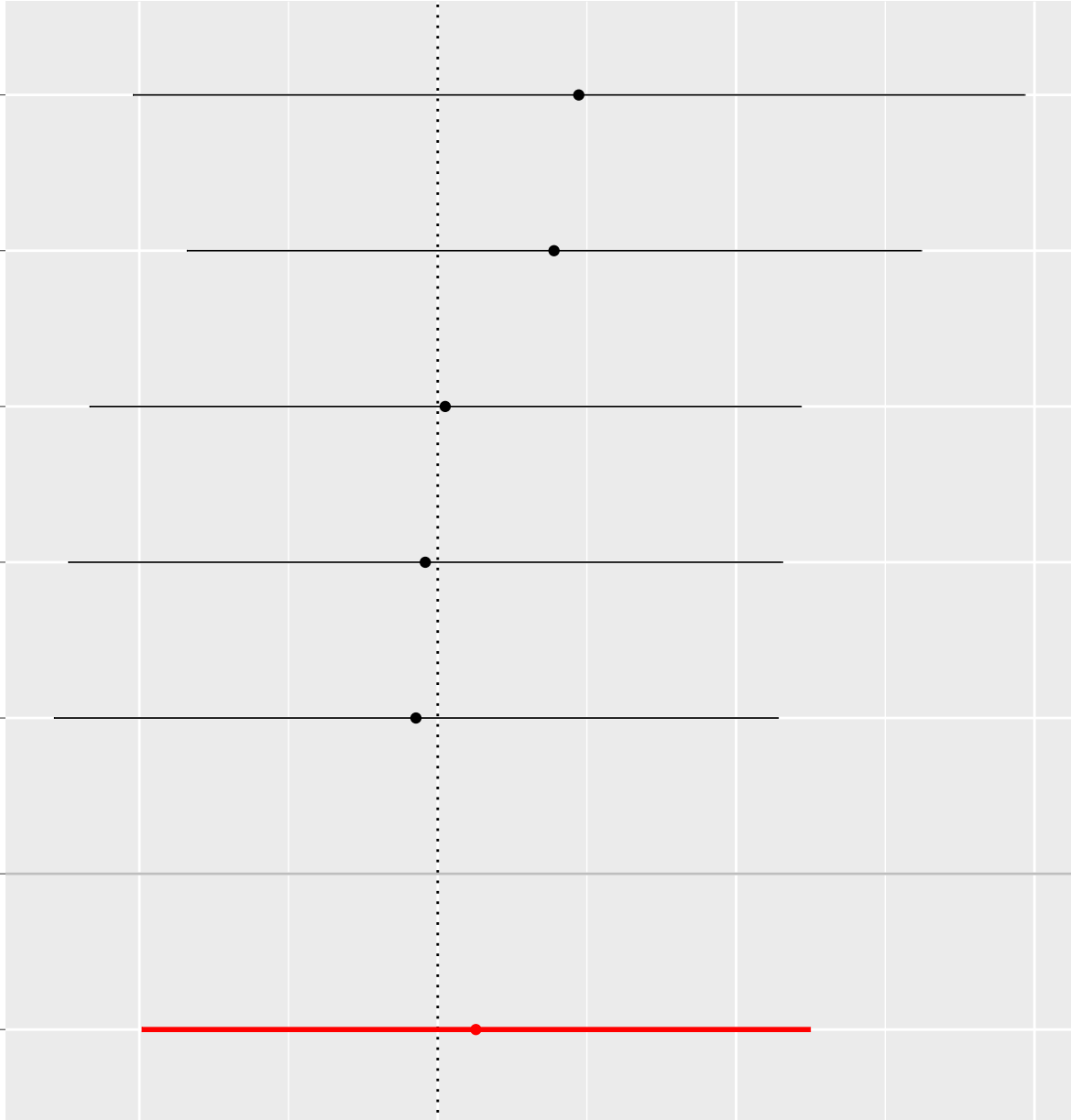
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Hexadecanedioate || id:711'



rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

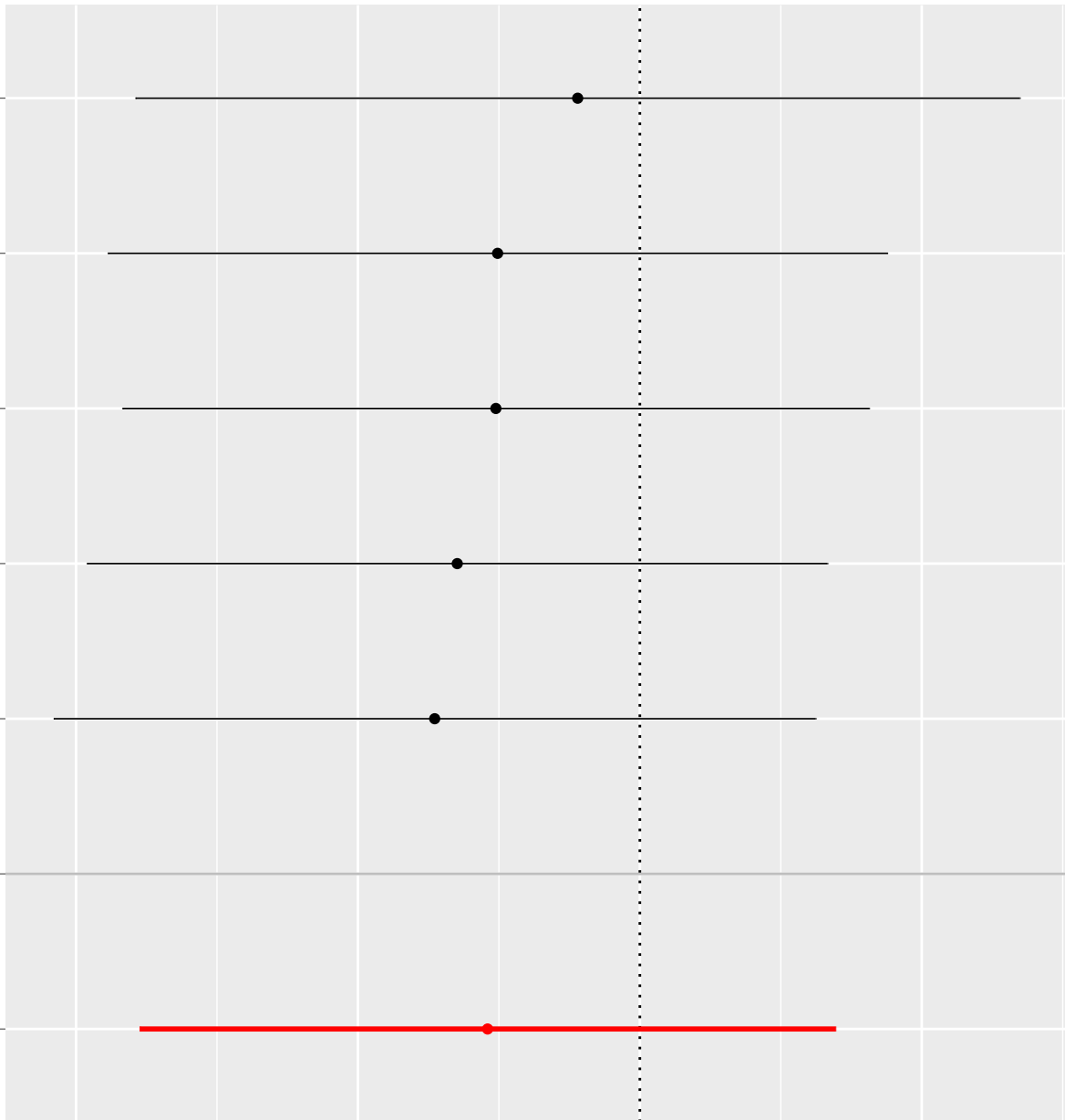
-0.10

-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Dihomo-linolenate (20:3n3 or n6) || id:712'



rs1558902

rs6857

rs9906944

rs693839

rs6728726

All

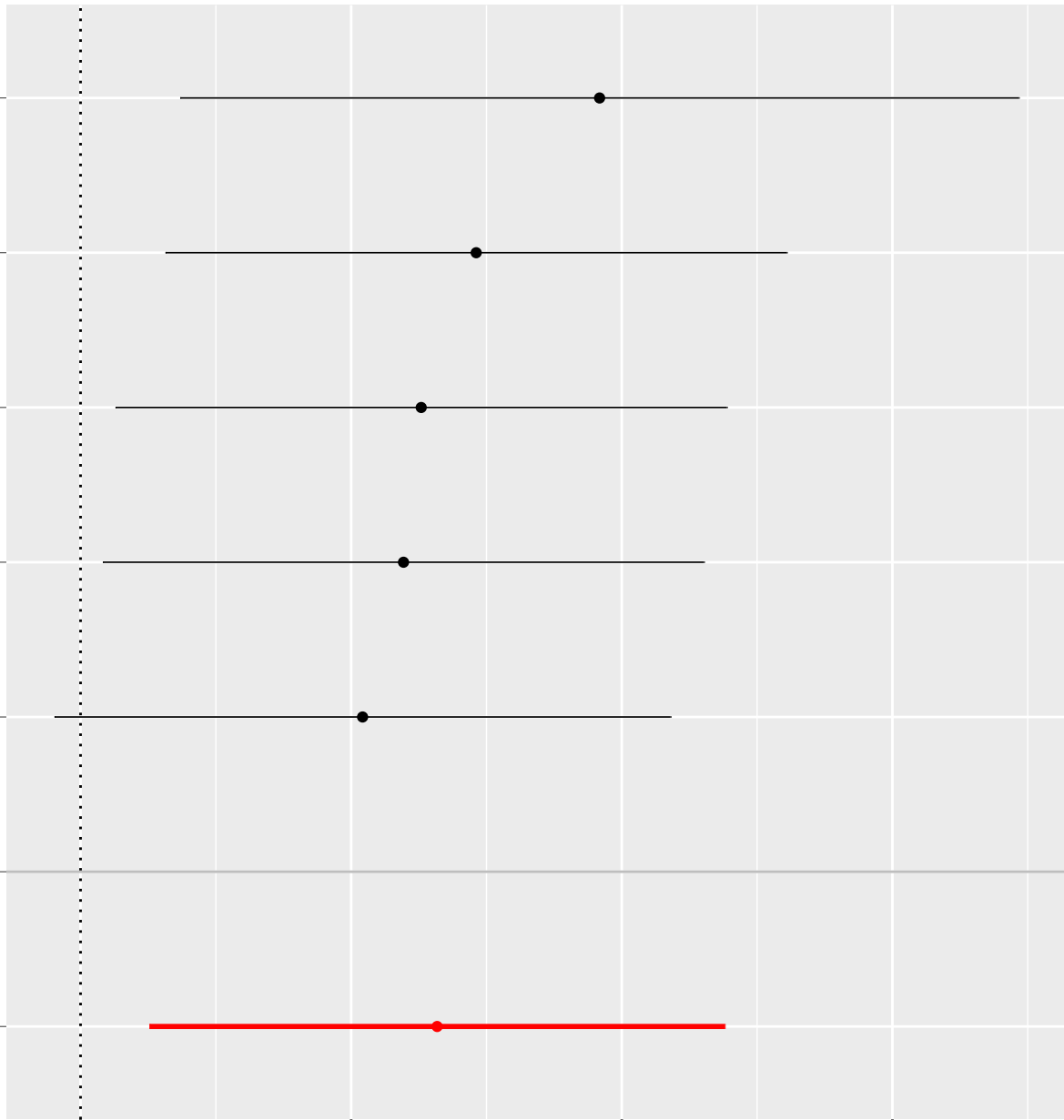
0.00

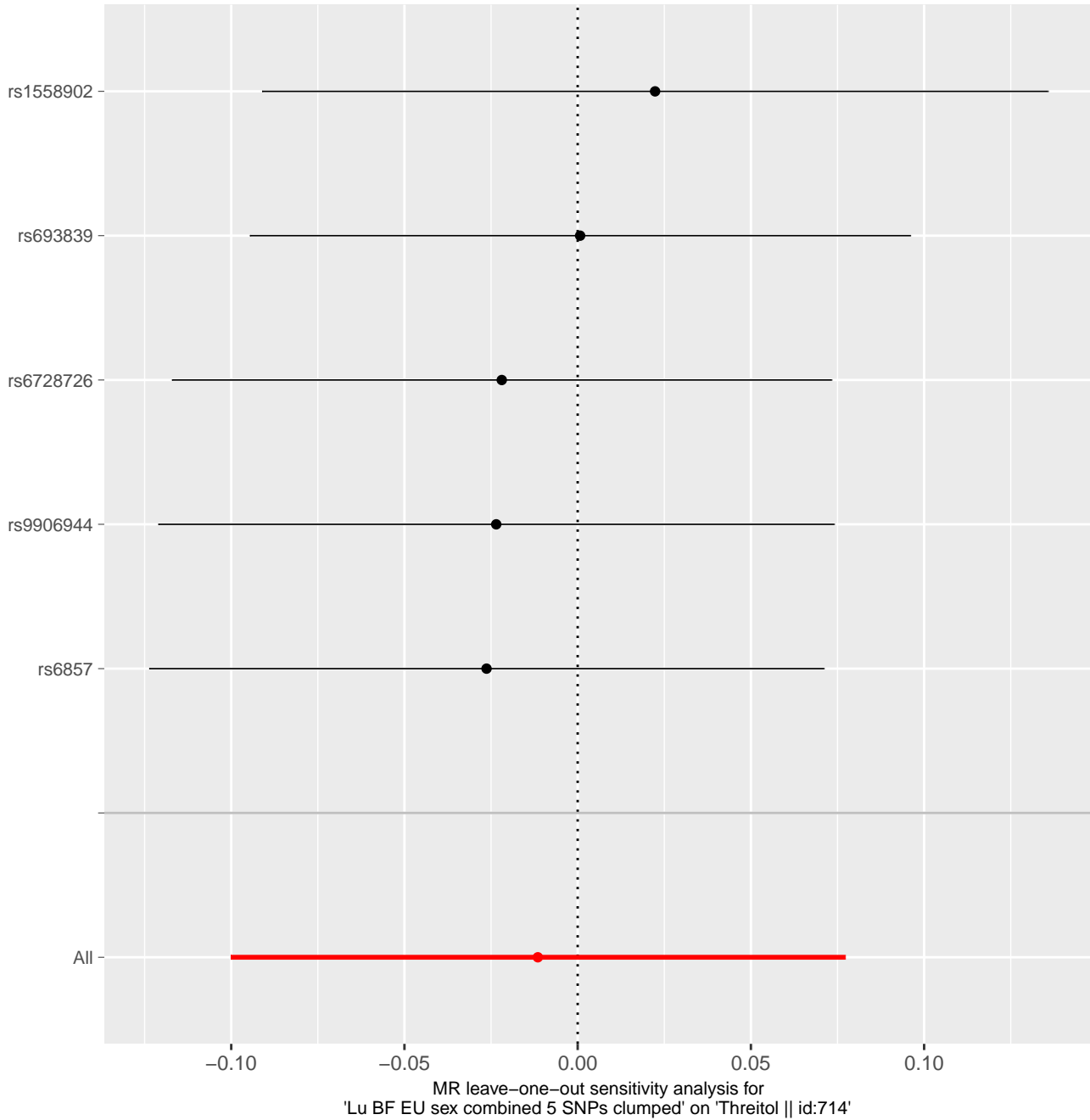
0.05

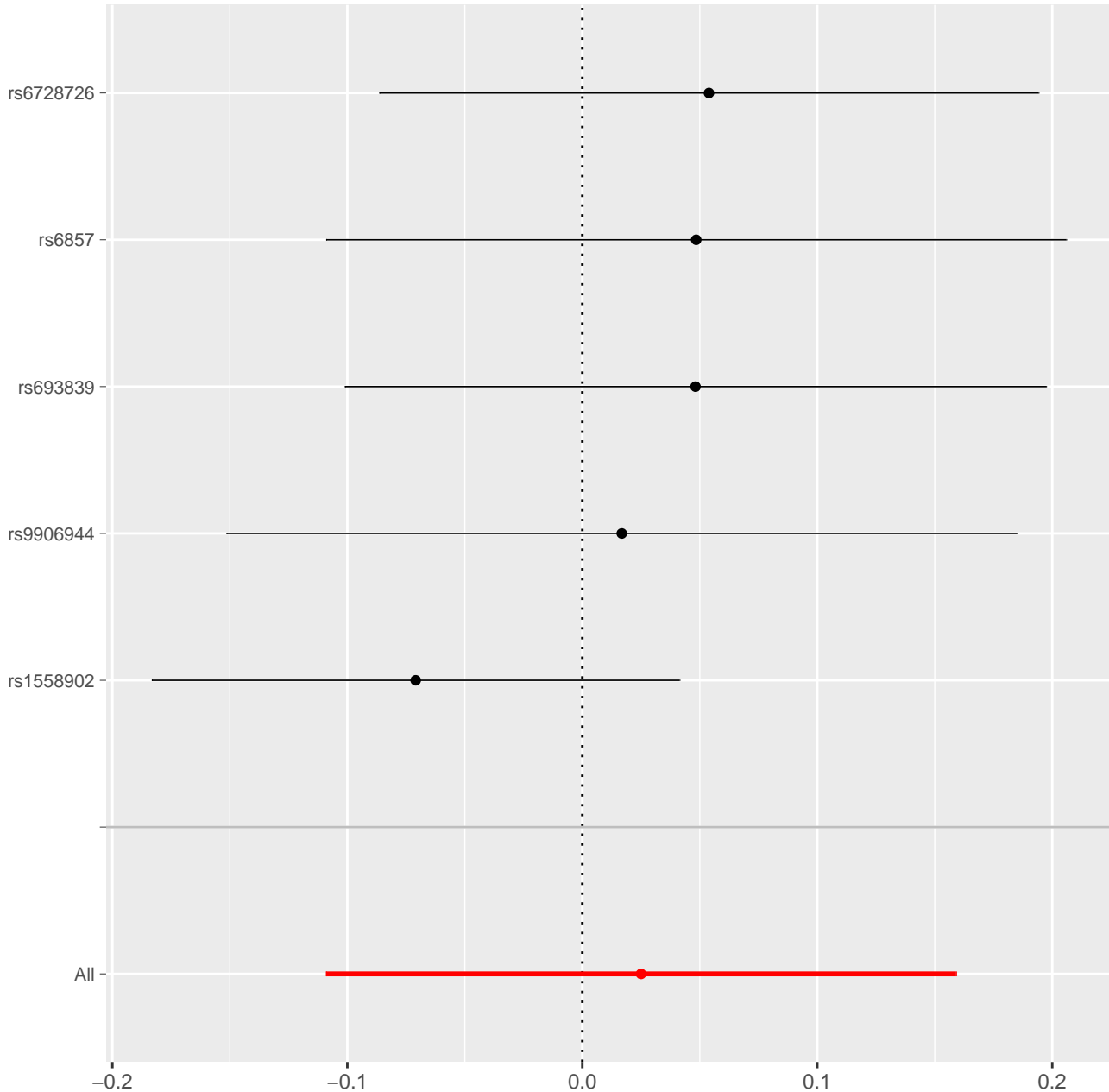
0.10

0.15

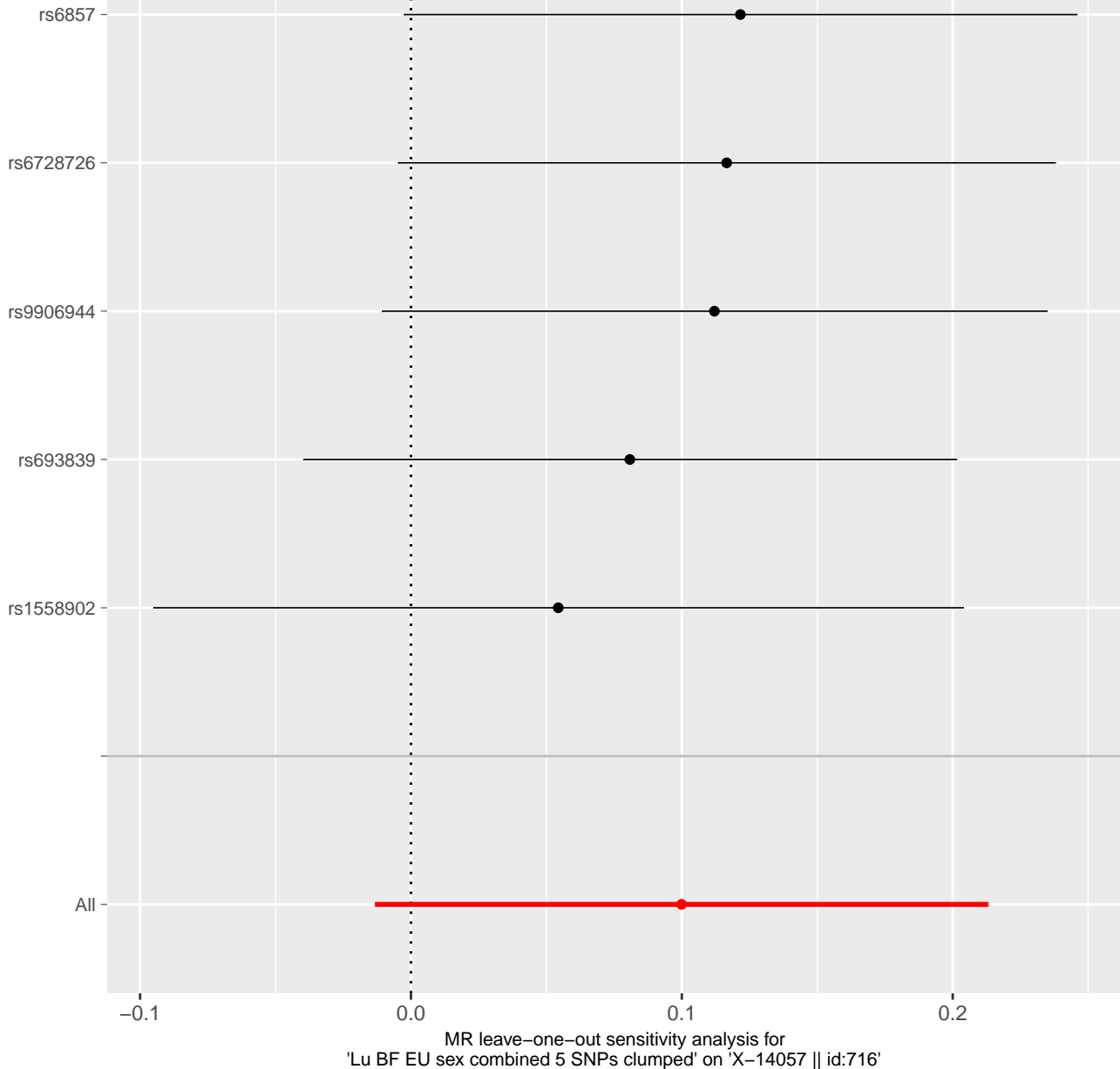
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-13859 || id:713'







MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14056 || id:715'



rs1558902

rs6728726

rs9906944

rs6857

rs693839

All

-0.1

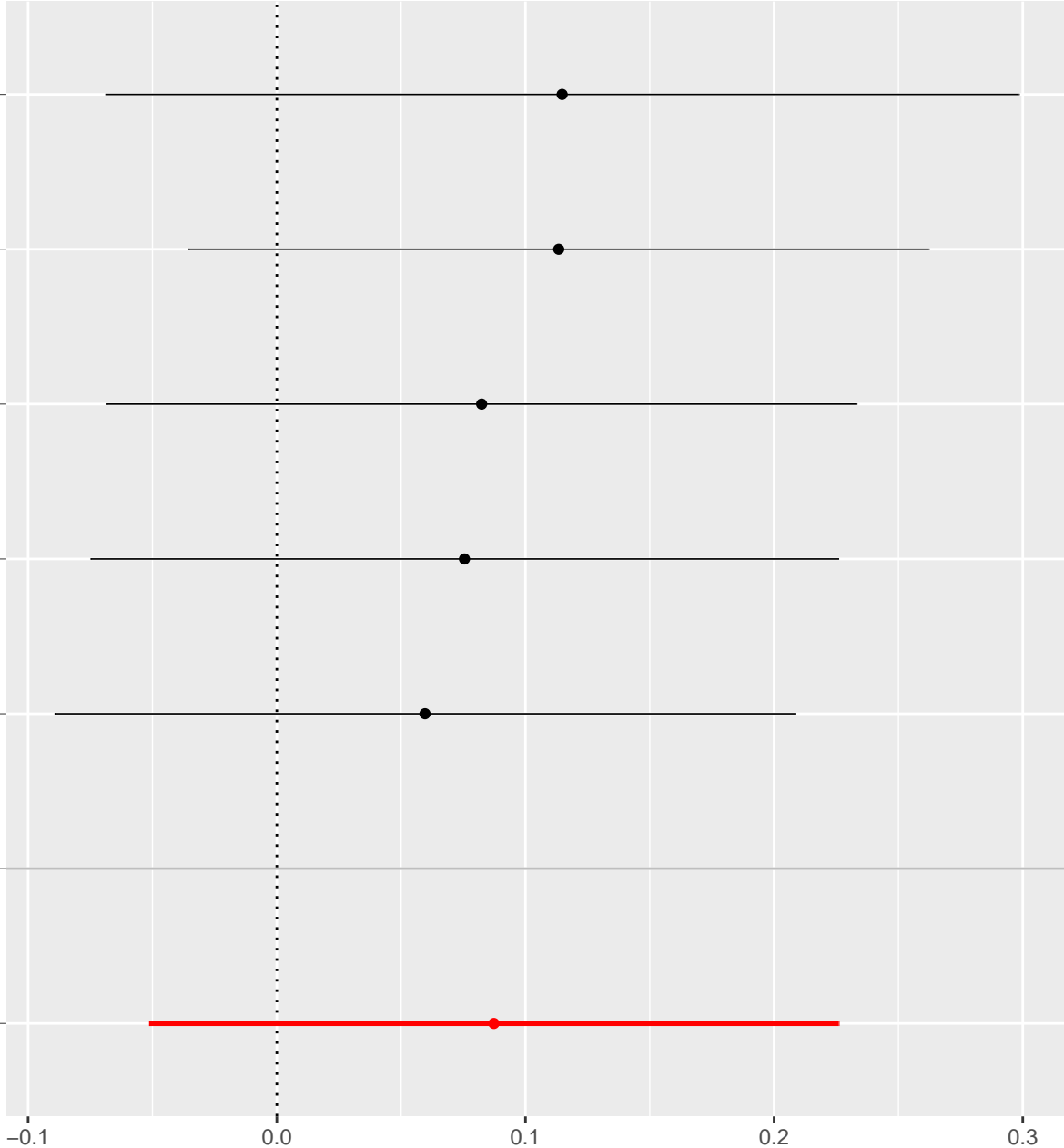
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14086 || id:717'



rs6728726

rs693839

rs6857

rs9906944

rs1558902

All

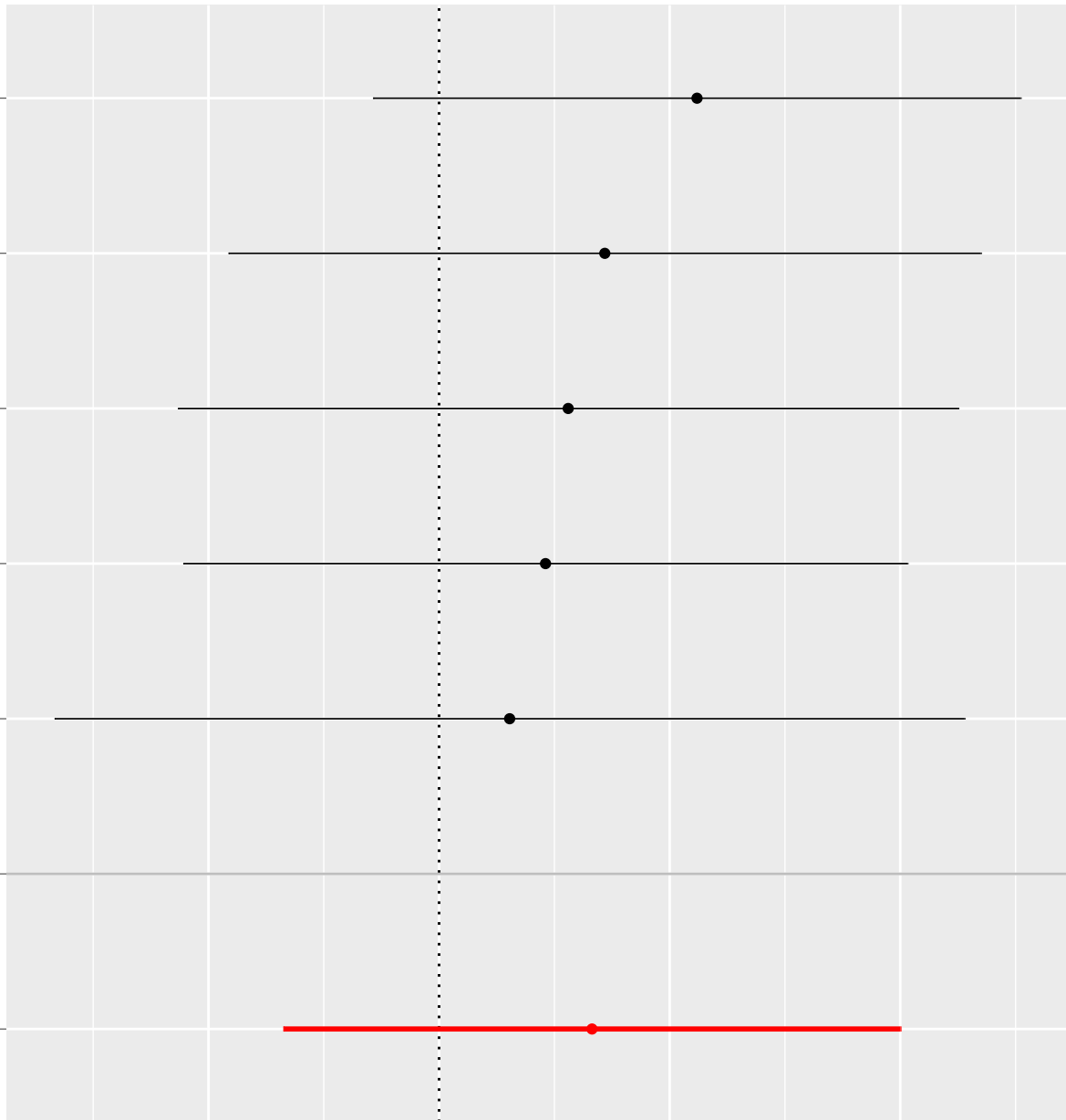
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'P-cresol sulfate || id:718'





rs6728726

rs1558902

rs693839

rs6857

rs9906944

All

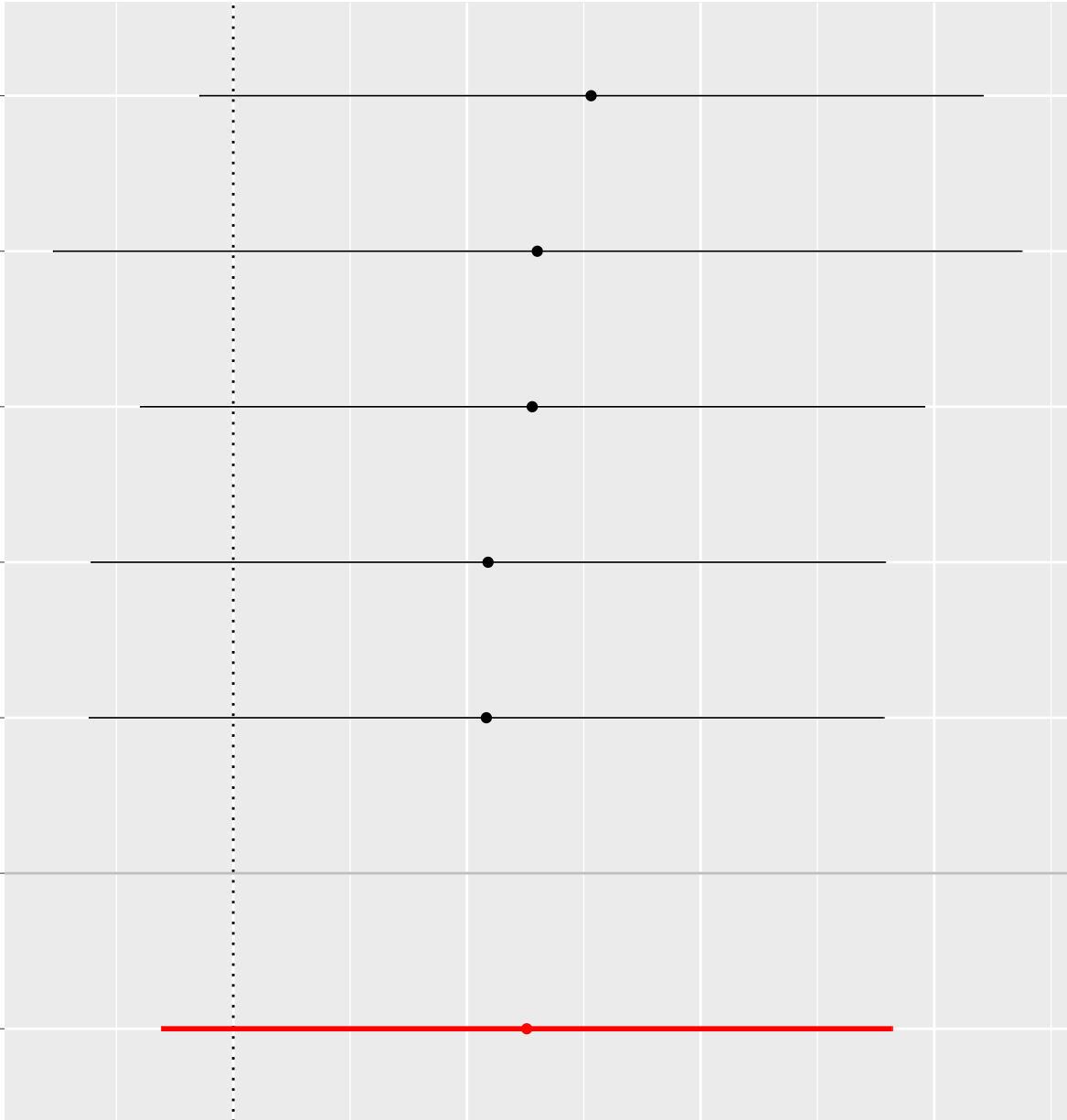
0.0

0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14189--leucylalanine || id:719'



rs9906944

rs693839

rs6728726

rs6857

rs1558902

All

-0.2

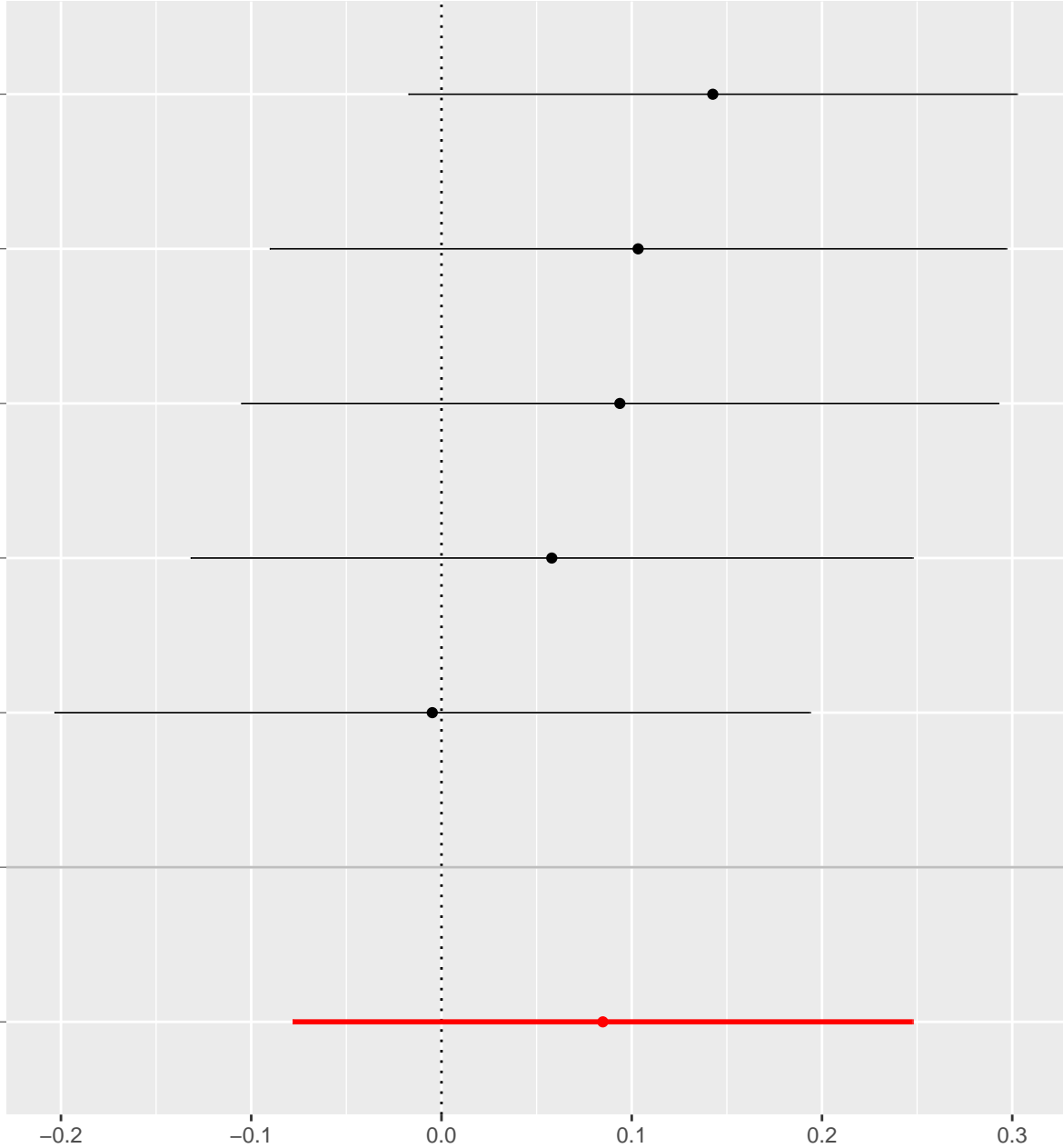
-0.1

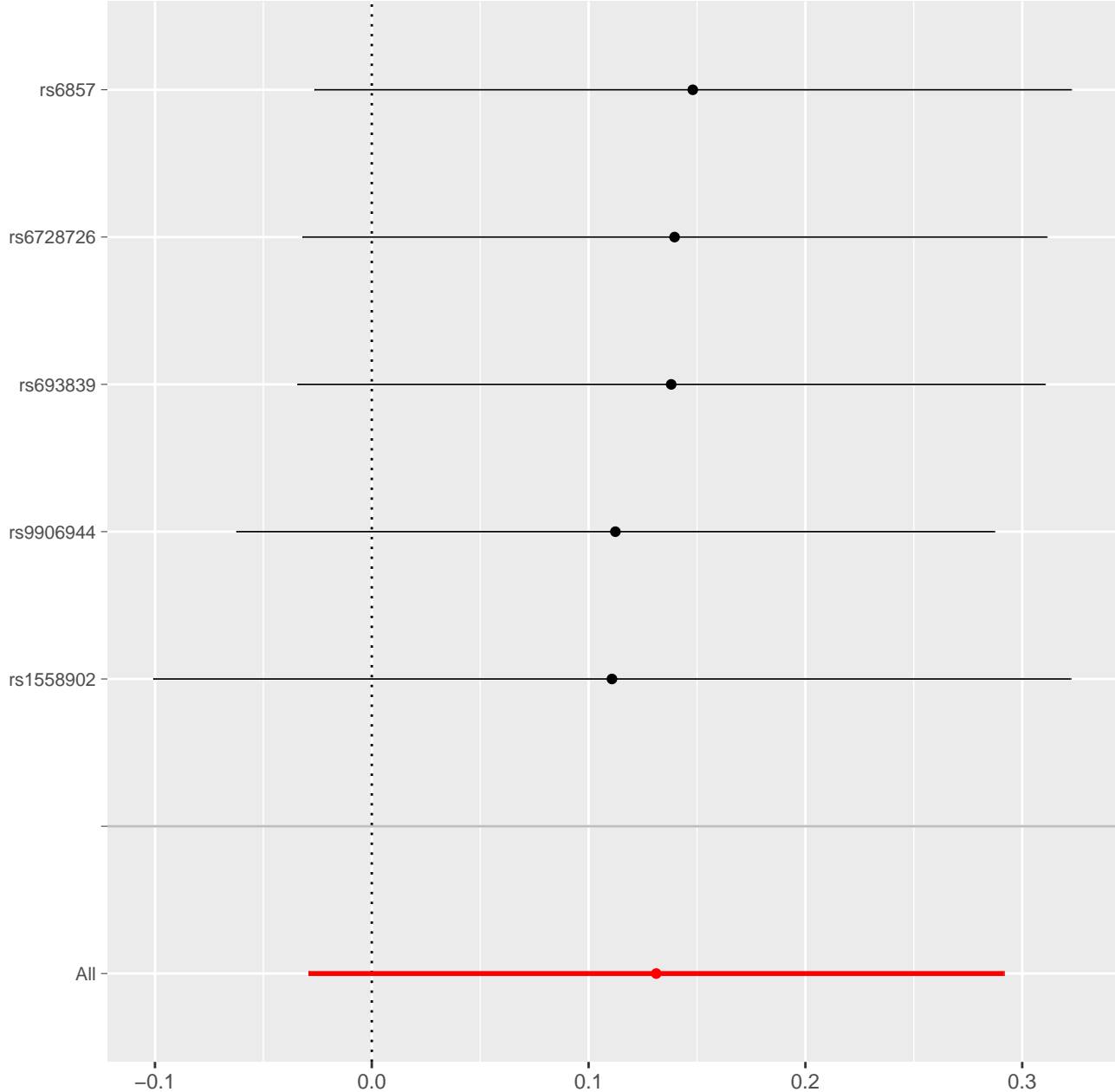
0.0

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14205--alpha-glutamyltyrosine || id:720'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14208—phenylalanylserine || id:721'

rs1558902

rs6728726

rs6857

rs693839

rs9906944

All

-0.1

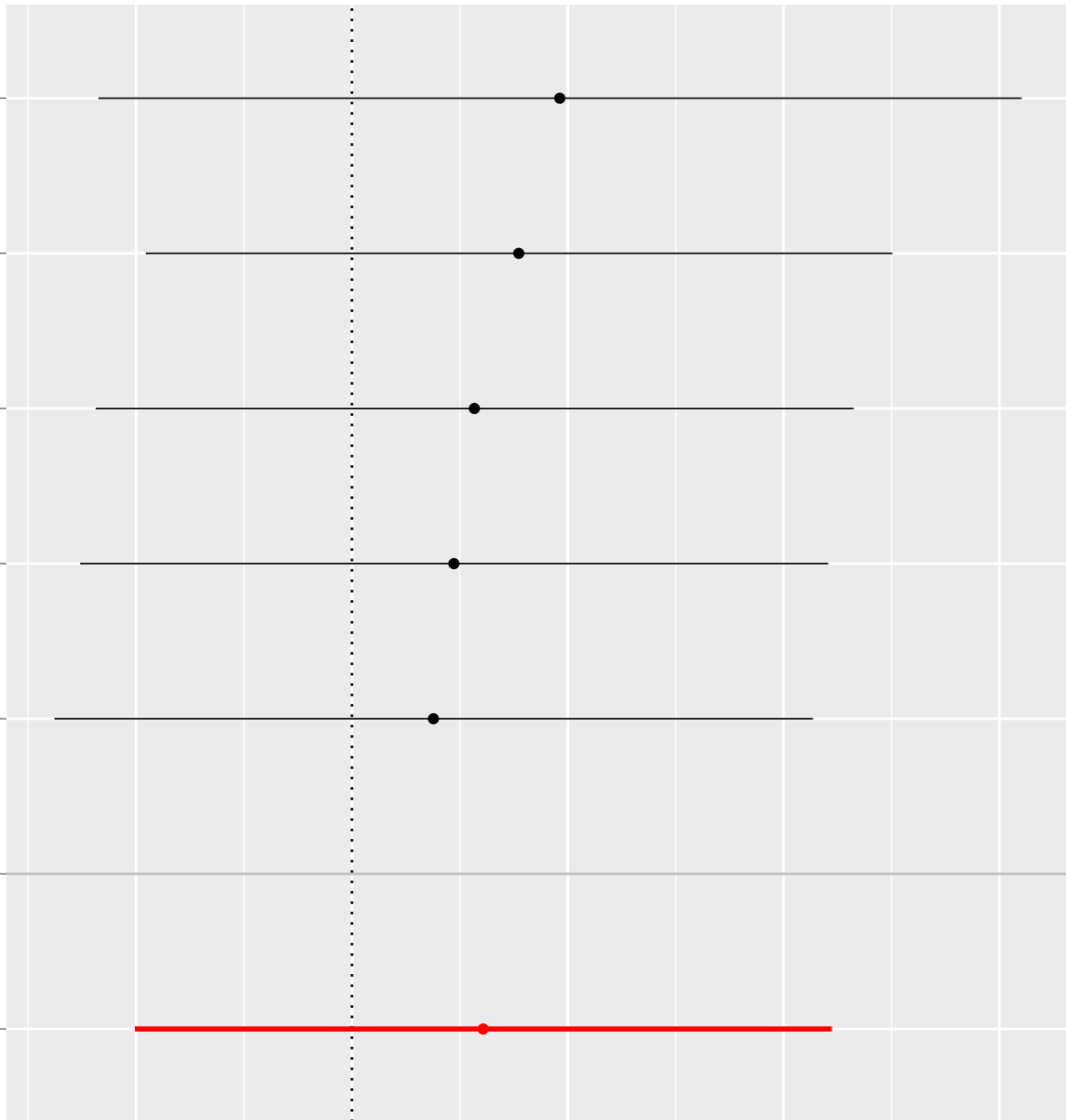
0.0

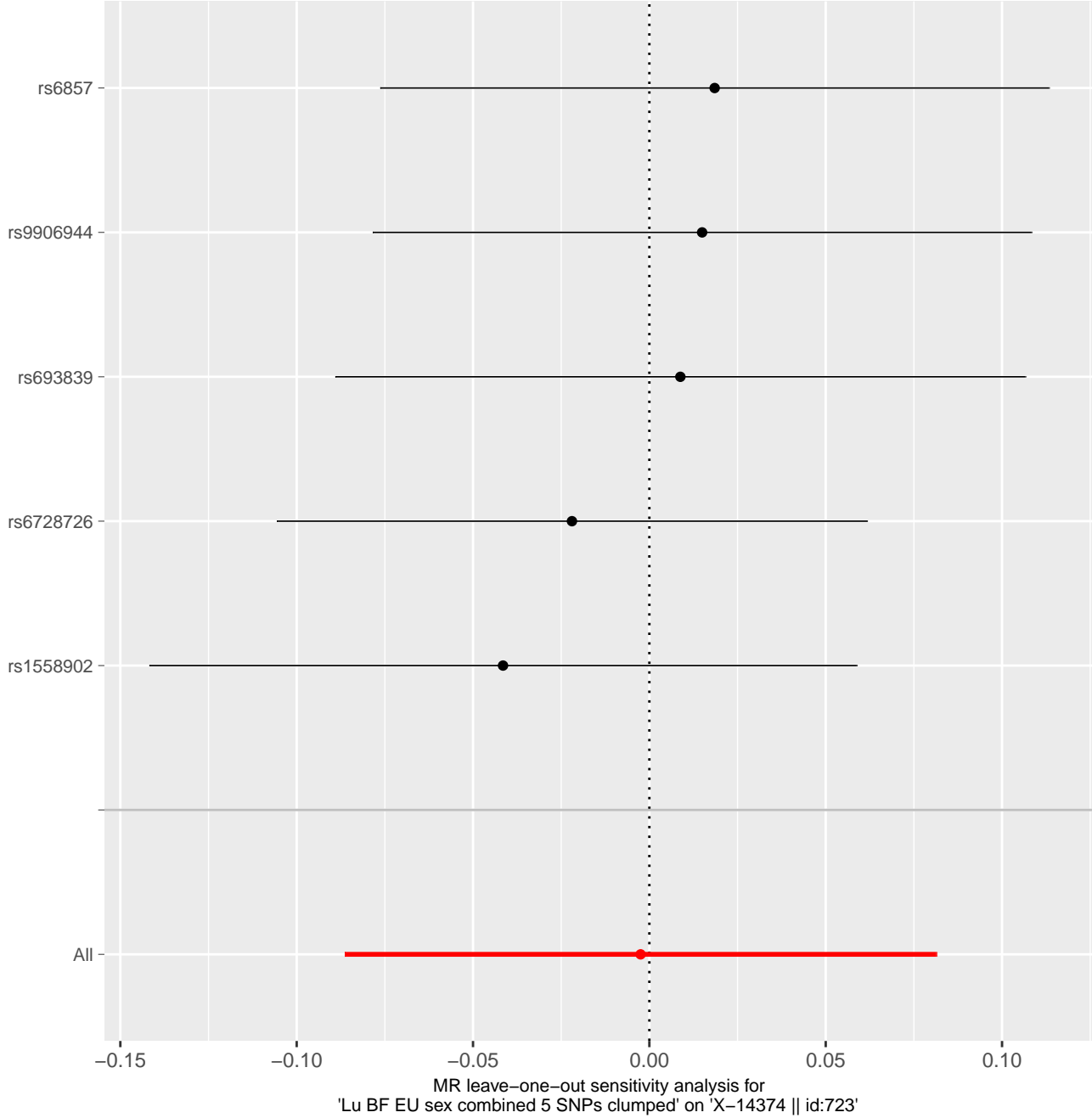
0.1

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14304--leucylalanine || id:722'





rs1558902

rs9906944

rs6728726

rs6857

rs693839

All

-0.1

0.0

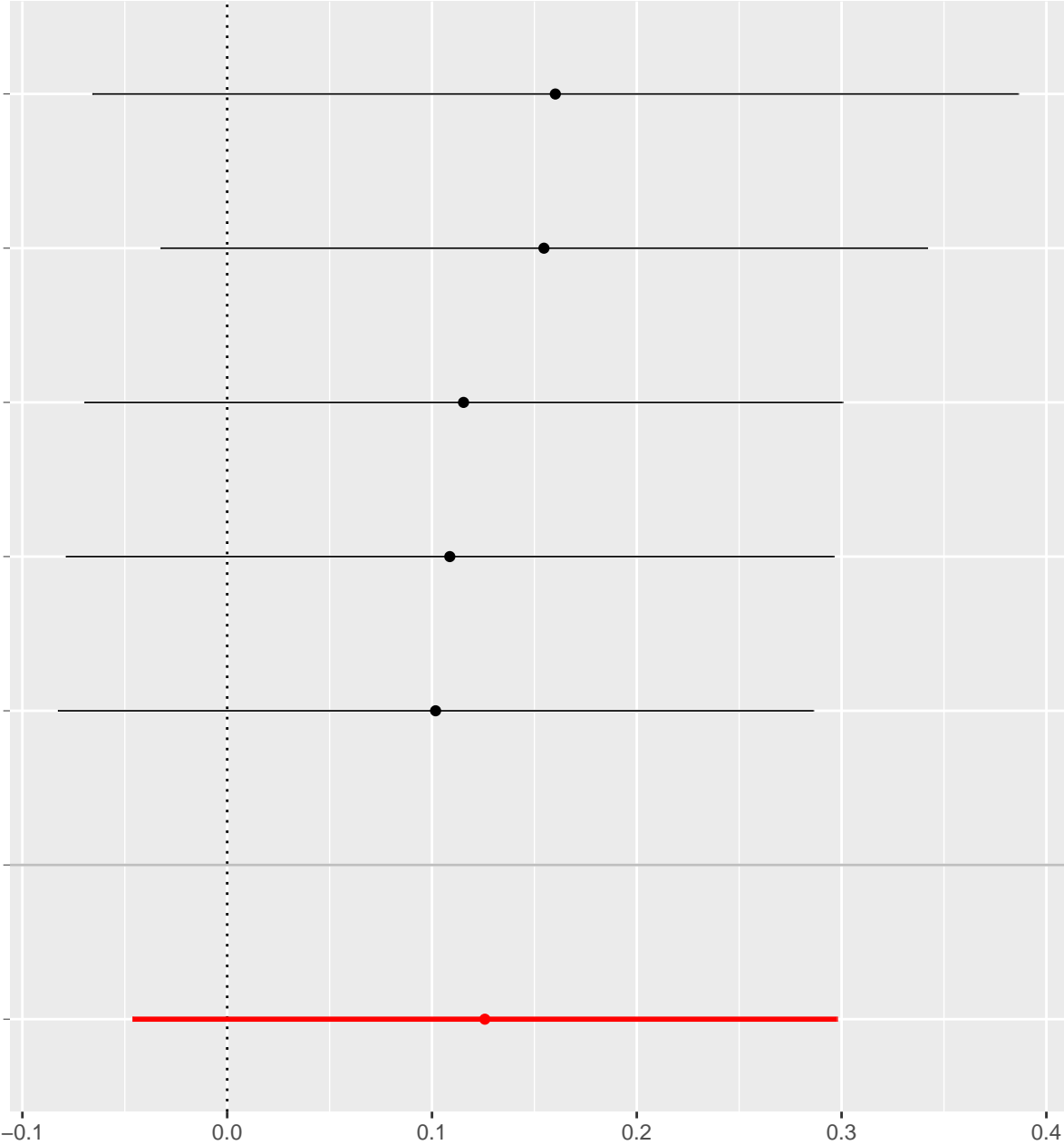
0.1

0.2

0.3

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14450--phenylalanylleucine || id:724'



rs9906944

rs693839

rs6857

rs1558902

rs6728726

All

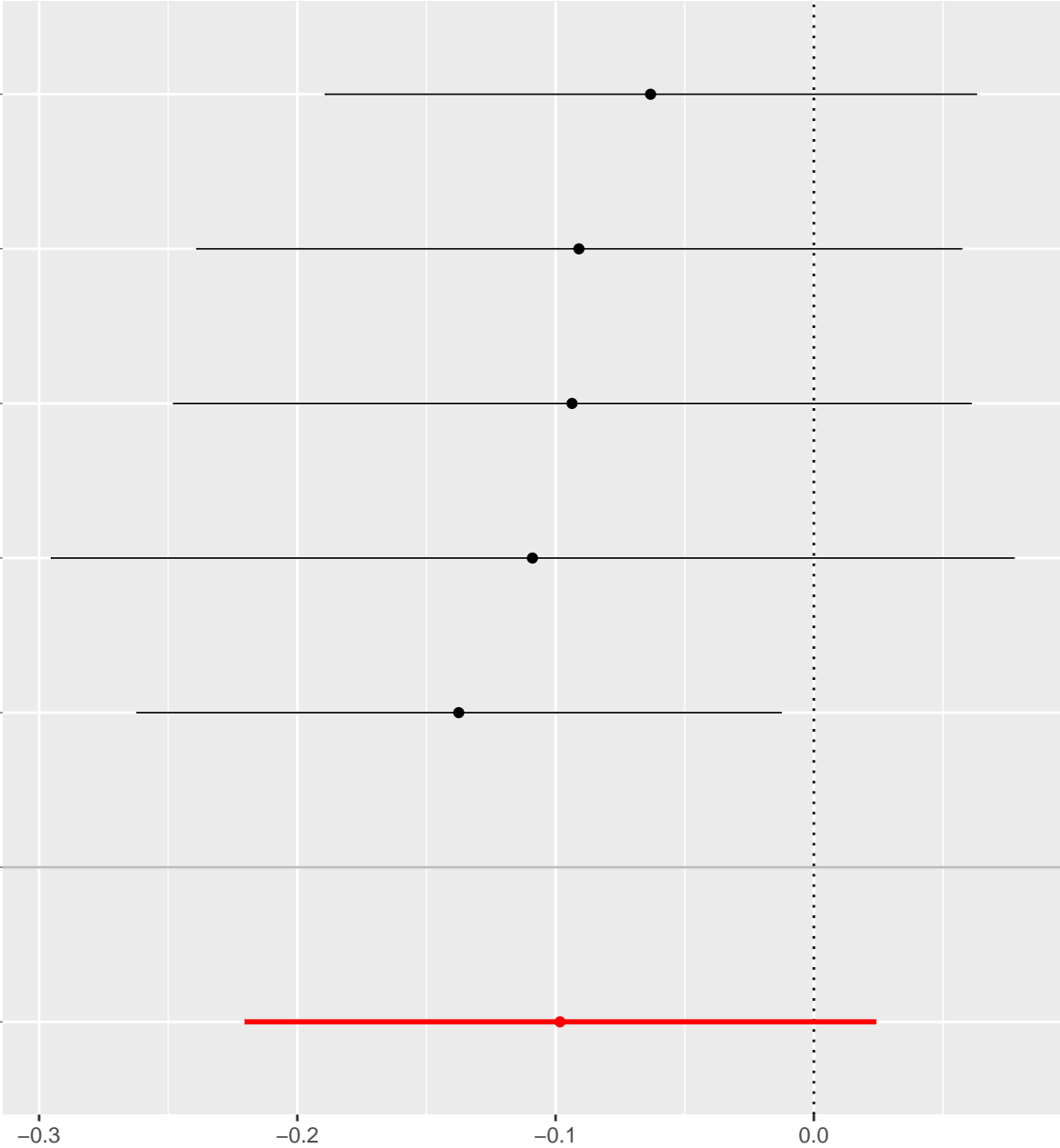
-0.3

-0.2

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14473 || id:725'



rs9906944

rs693839

rs1558902

rs6857

rs6728726

All

-0.1

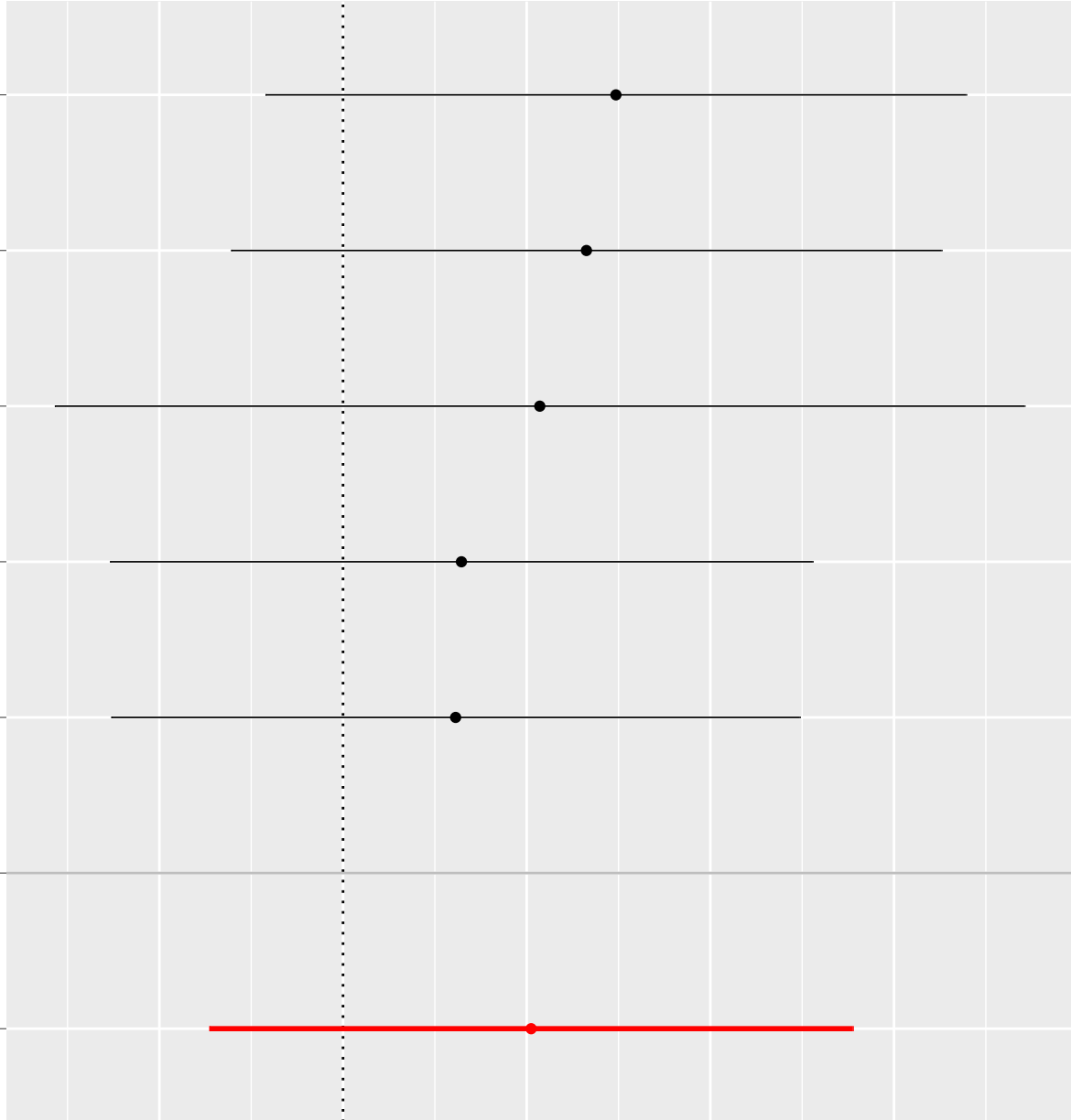
0.0

0.1

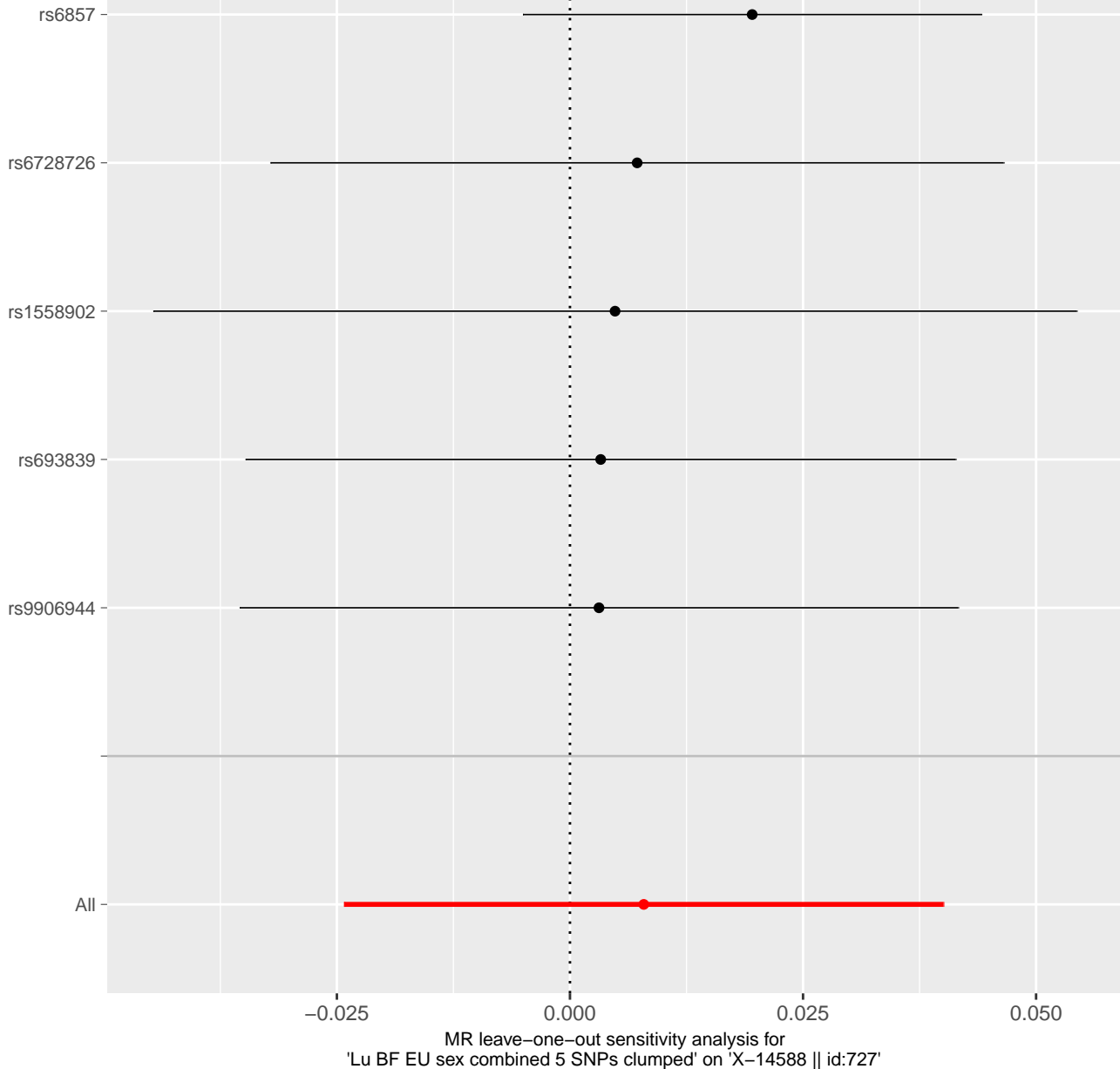
0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14541 || id:726'







rs6728726

rs9906944

rs693839

rs6857

rs1558902

All

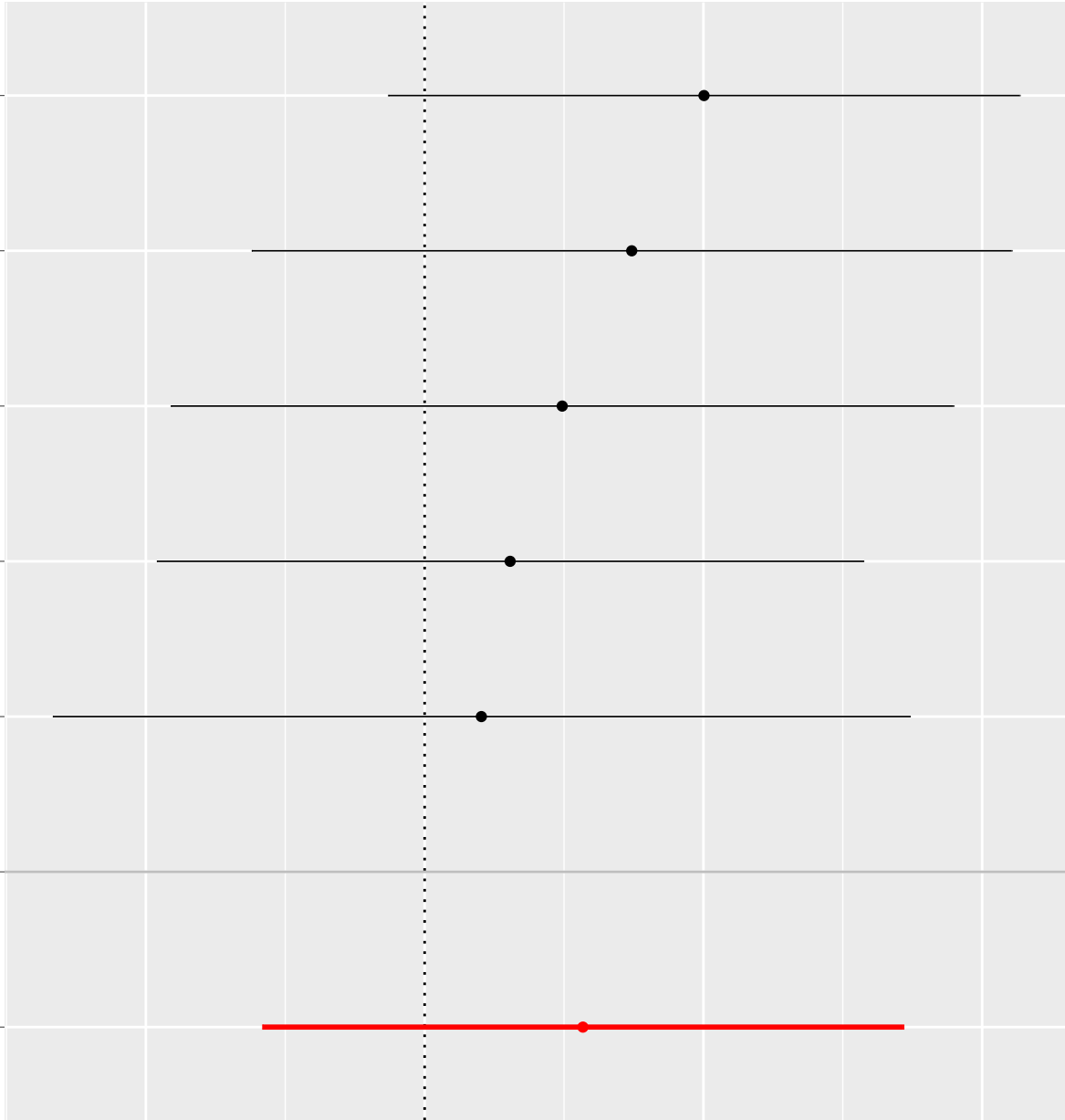
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14625 || id:728'



rs6728726

rs6857

rs9906944

rs1558902

rs693839

All

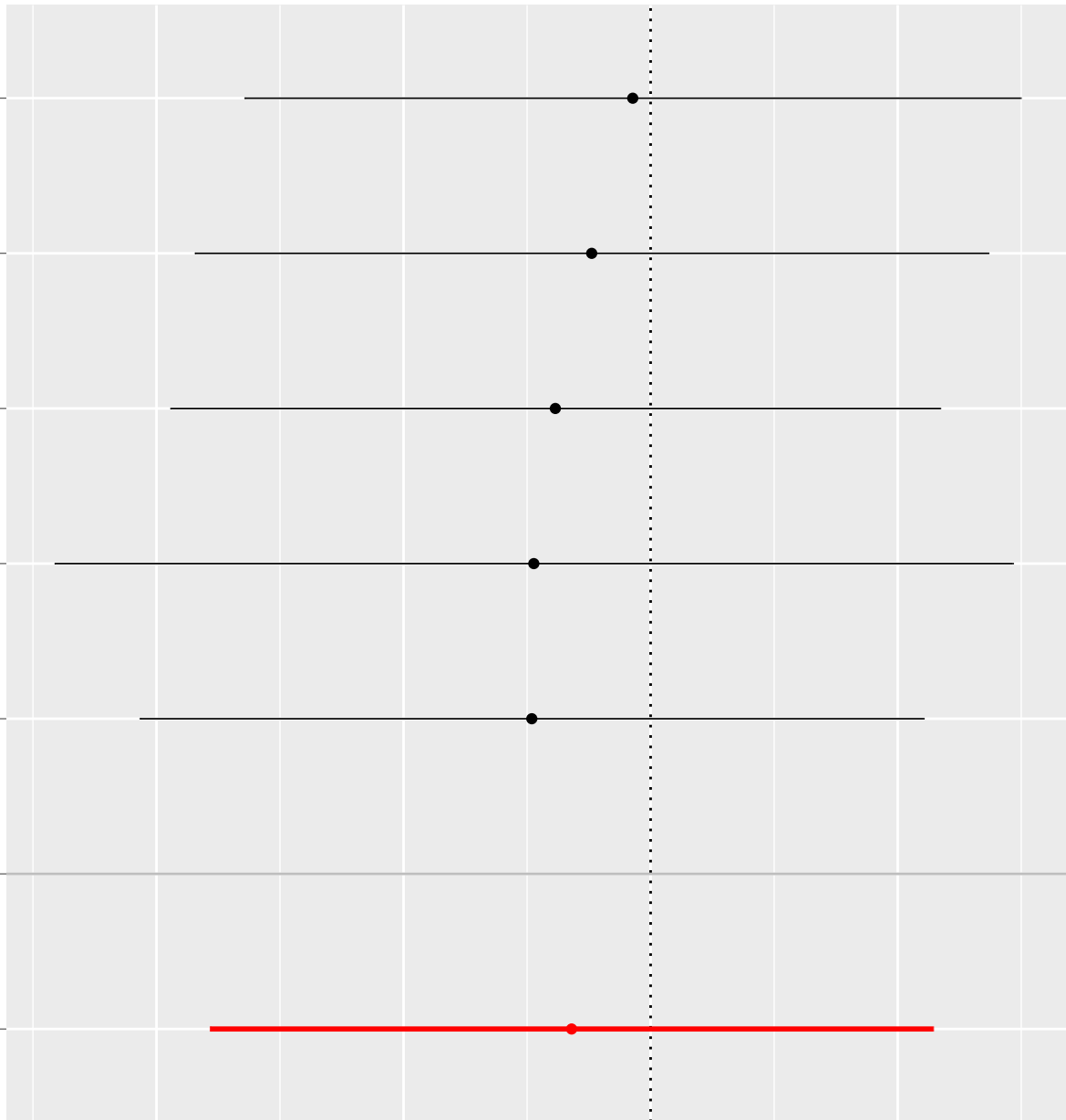
-0.10

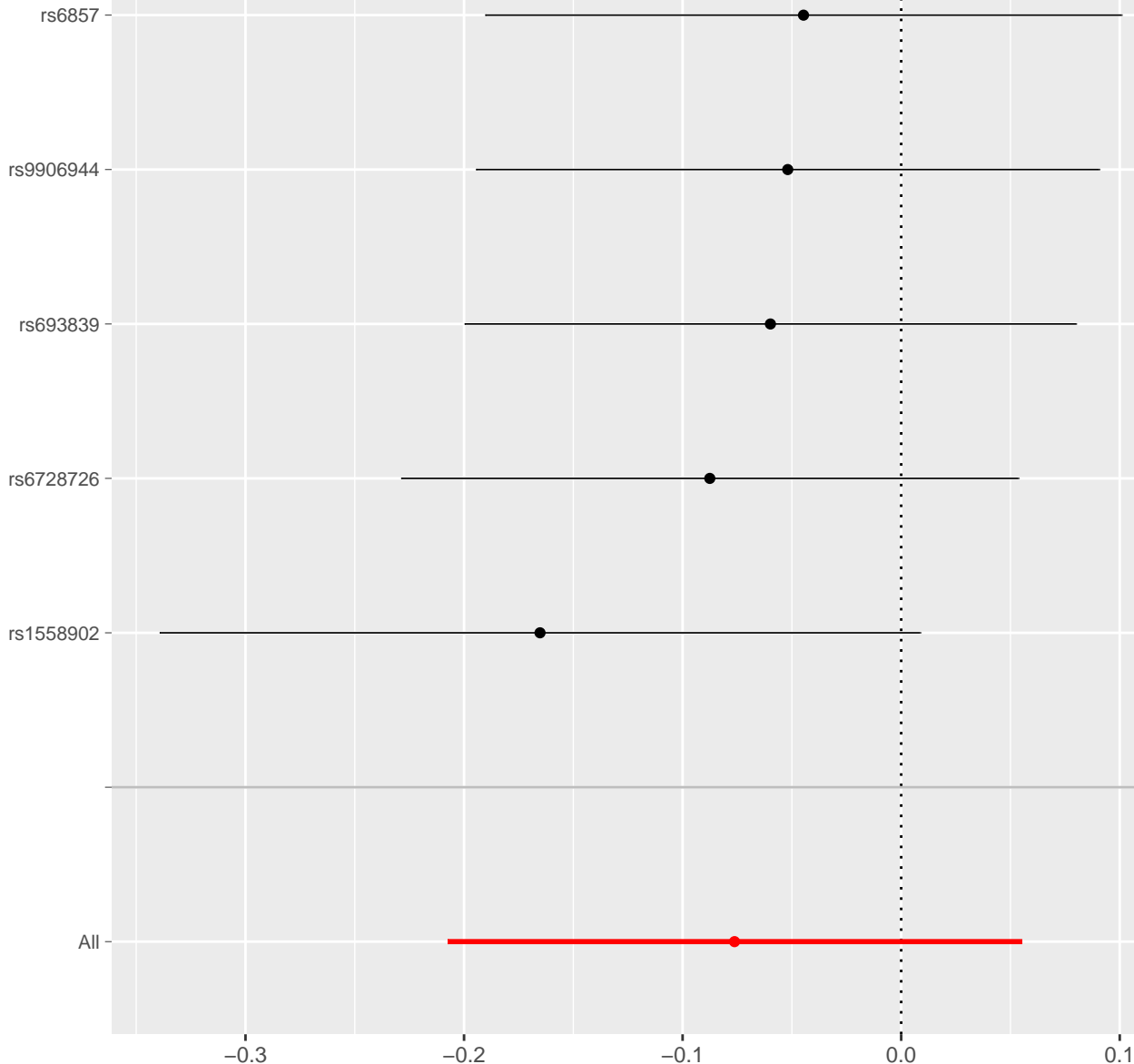
-0.05

0.00

0.05

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14626 || id:729'





rs1558902

rs9906944

rs6728726

rs693839

rs6857

All

-0.3

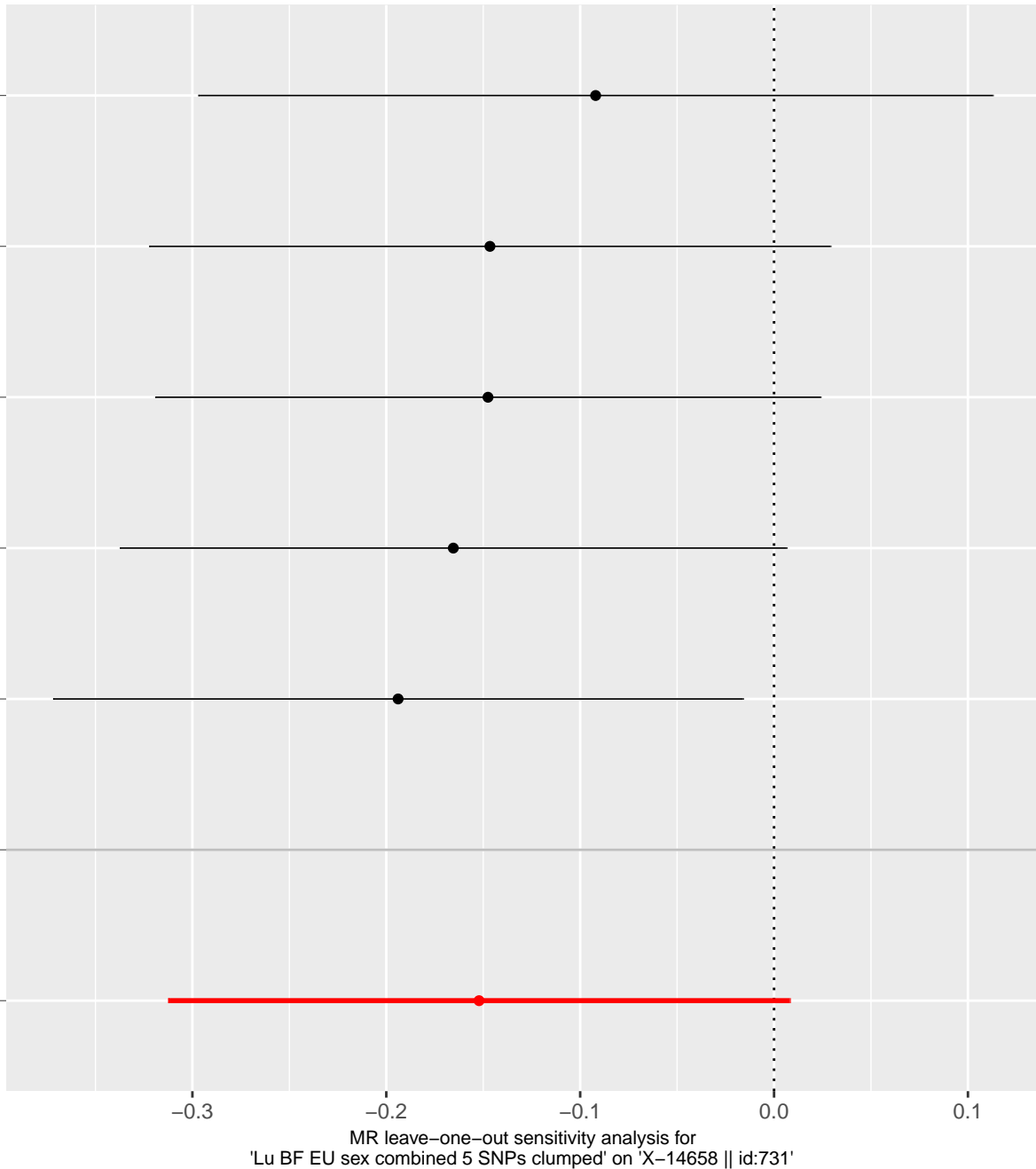
-0.2

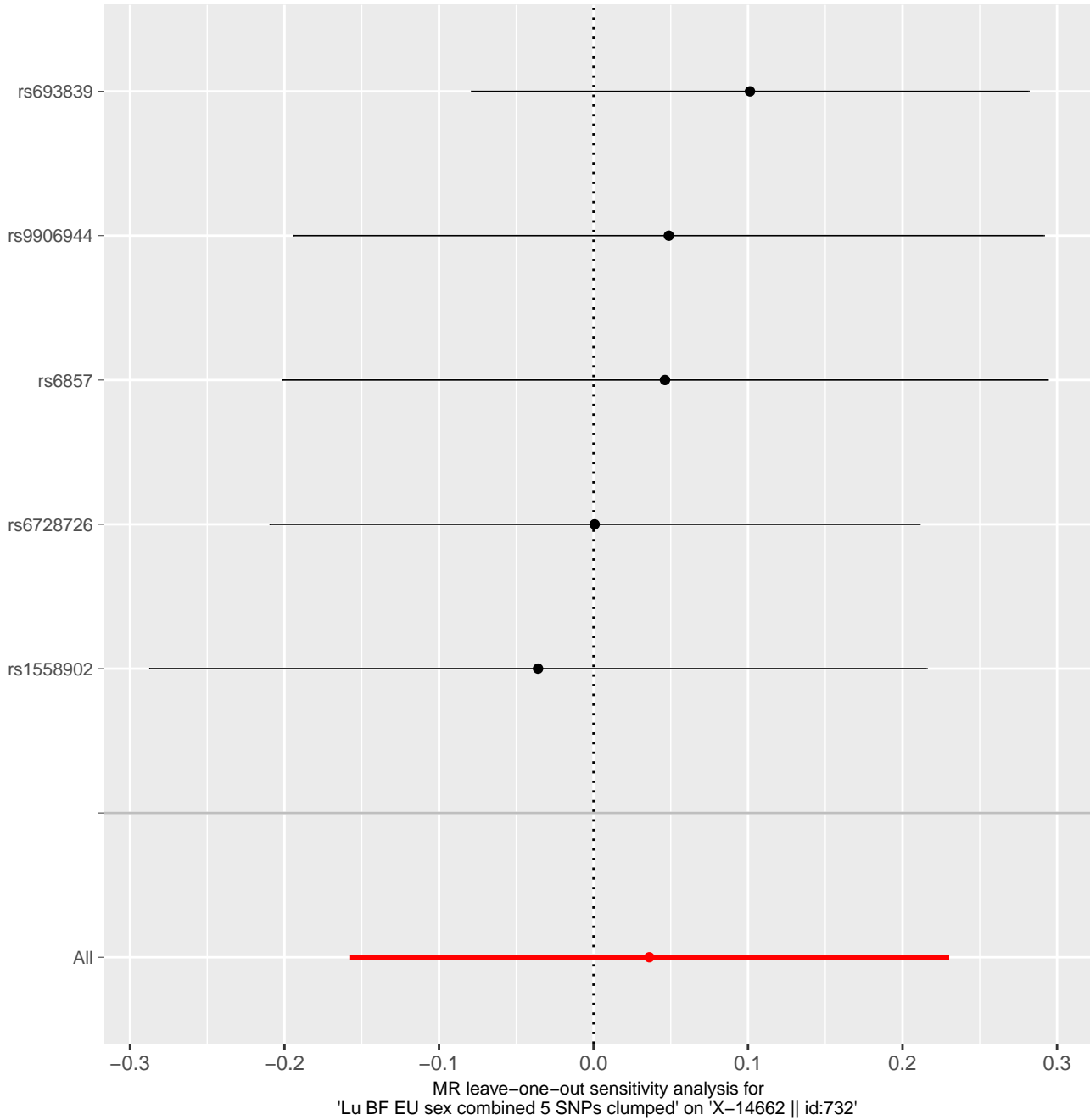
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14658 || id:731'





rs6728726

rs693839

rs9906944

rs6857

rs1558902

All

-0.15

-0.10

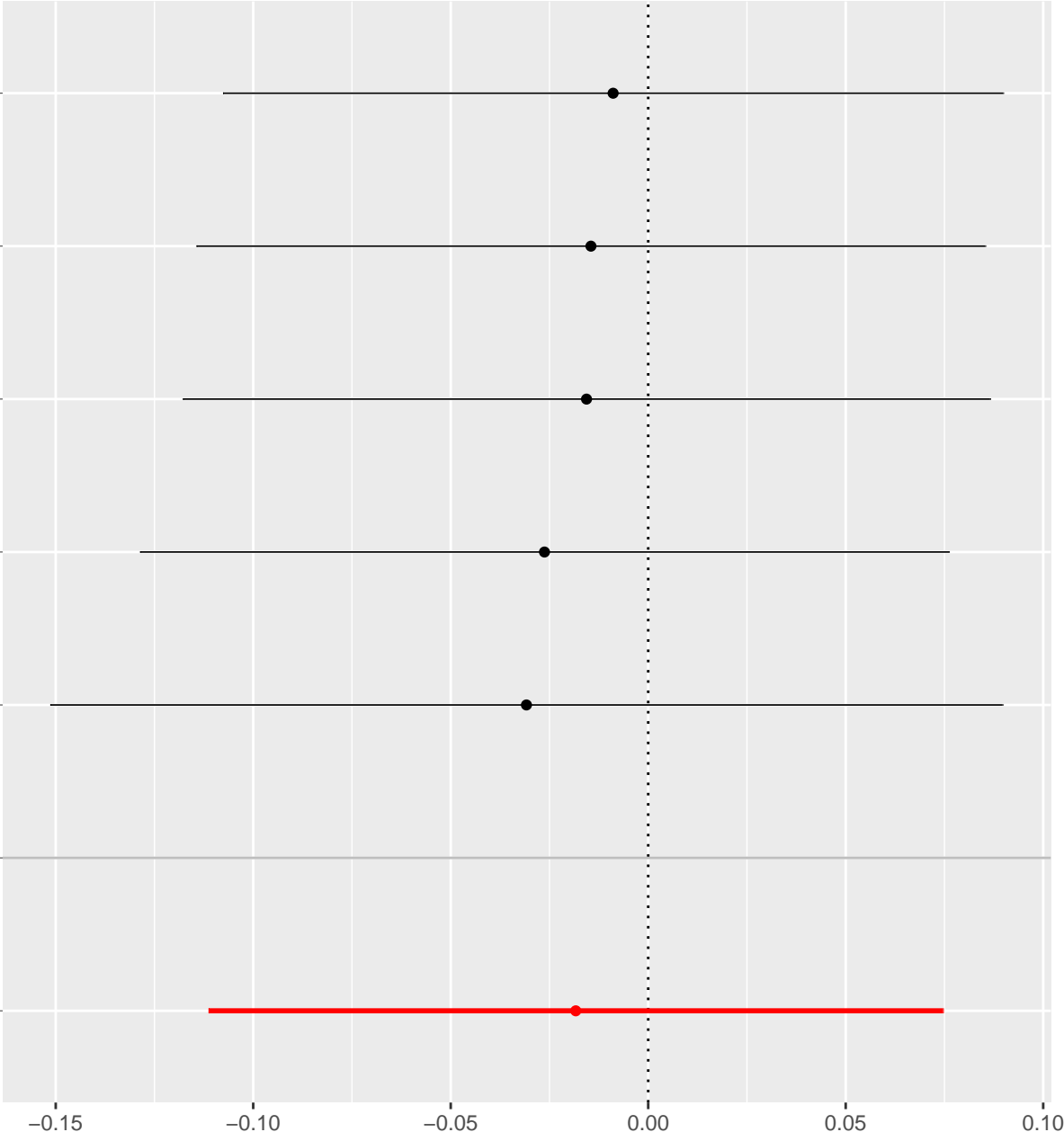
-0.05

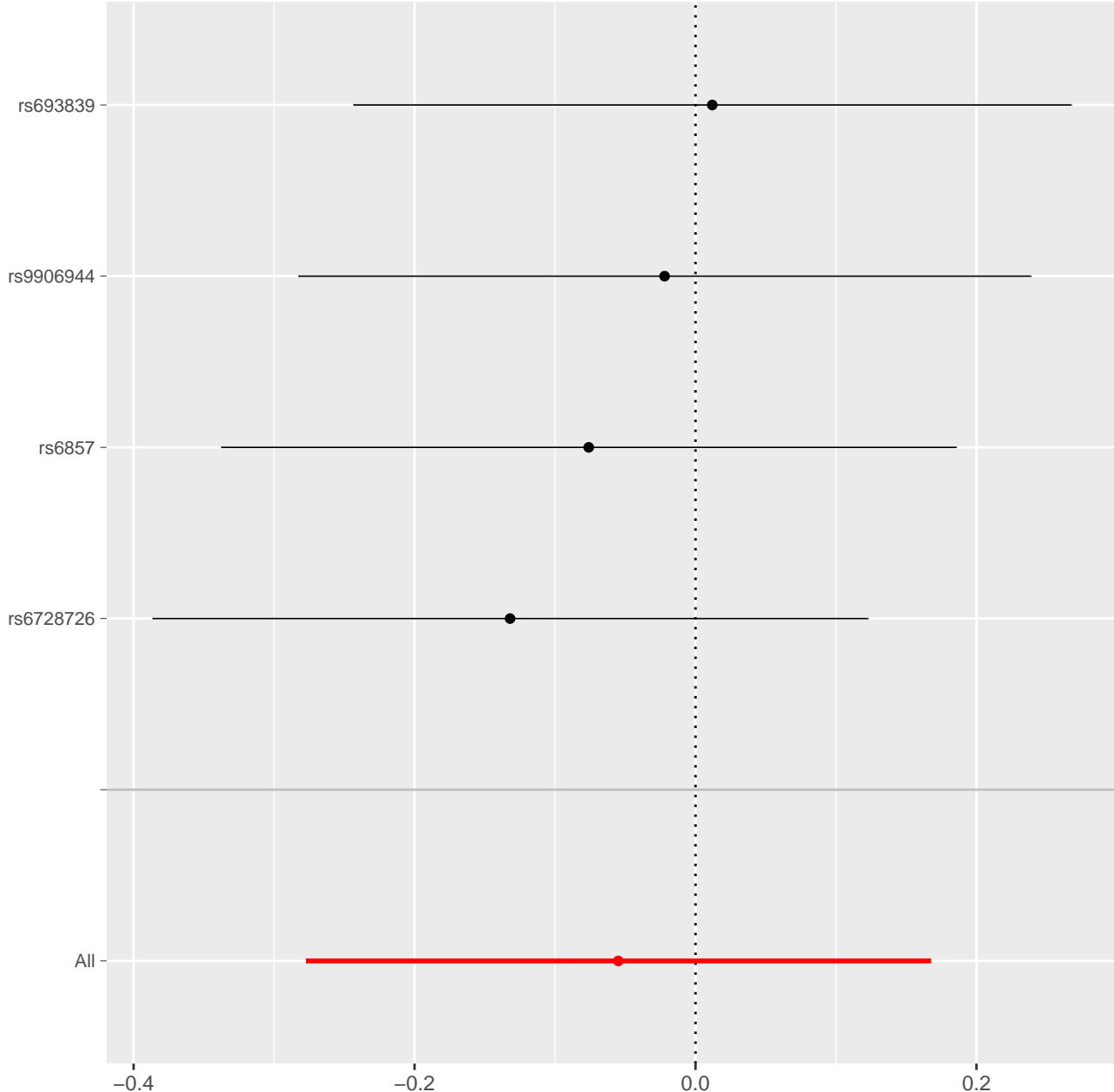
0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14745 || id:733'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Gamma-glutamylglutamate || id:734'



rs6857

rs1558902

rs6728726

rs9906944

rs693839

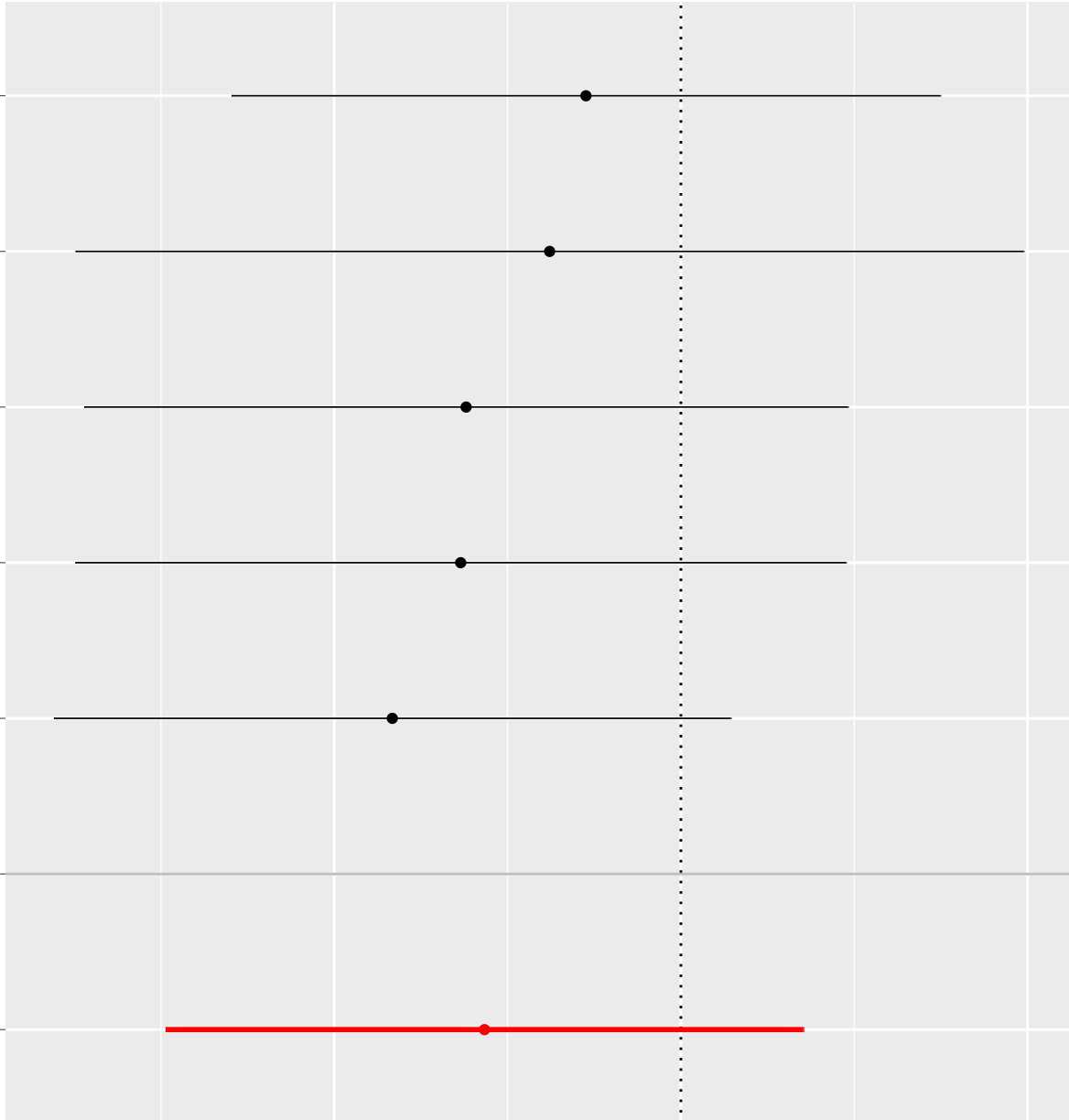
All

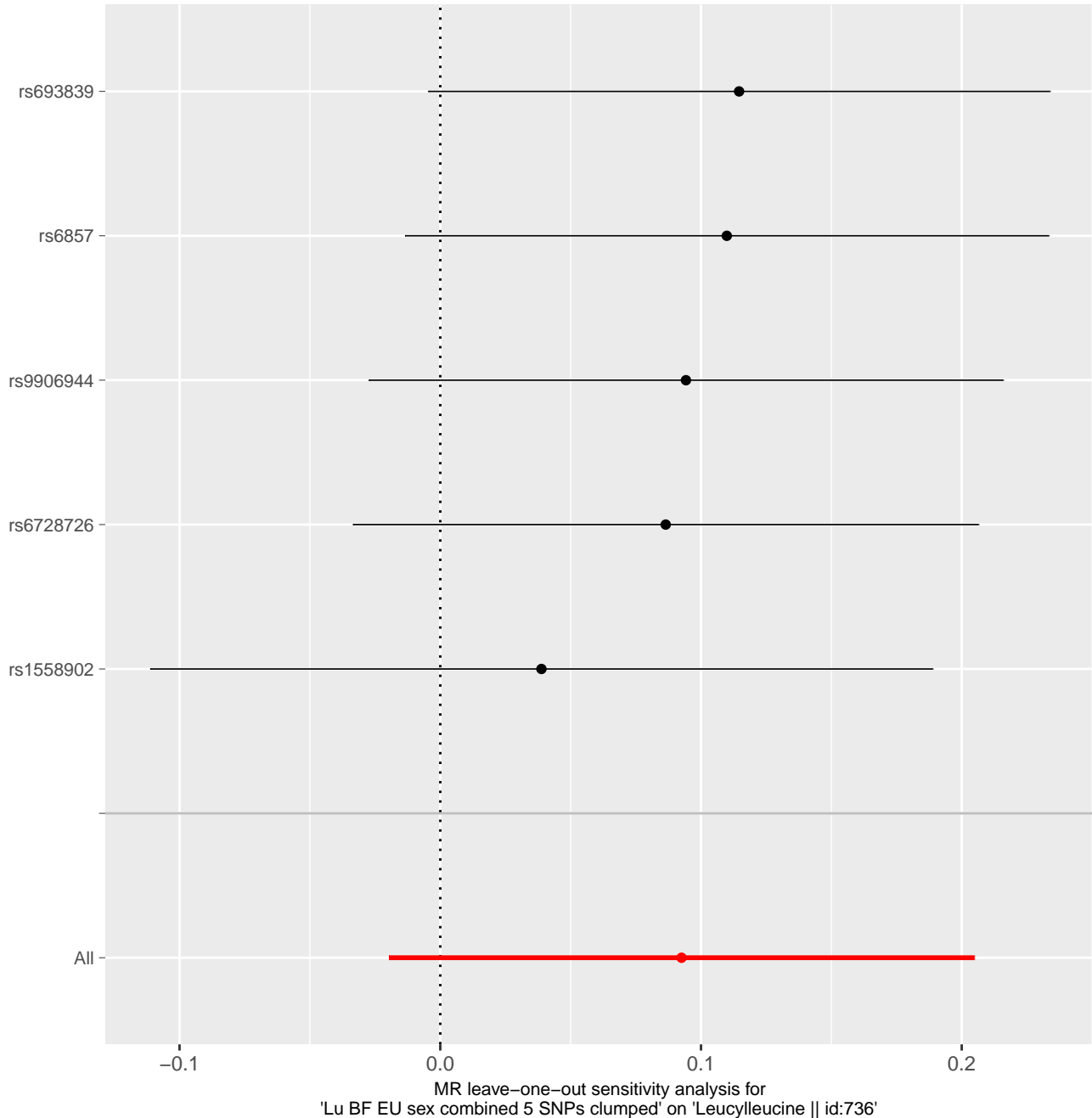
-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Octadecanedioate || id:735'





rs693839

rs6857

rs1558902

rs9906944

rs6728726

All

-0.05

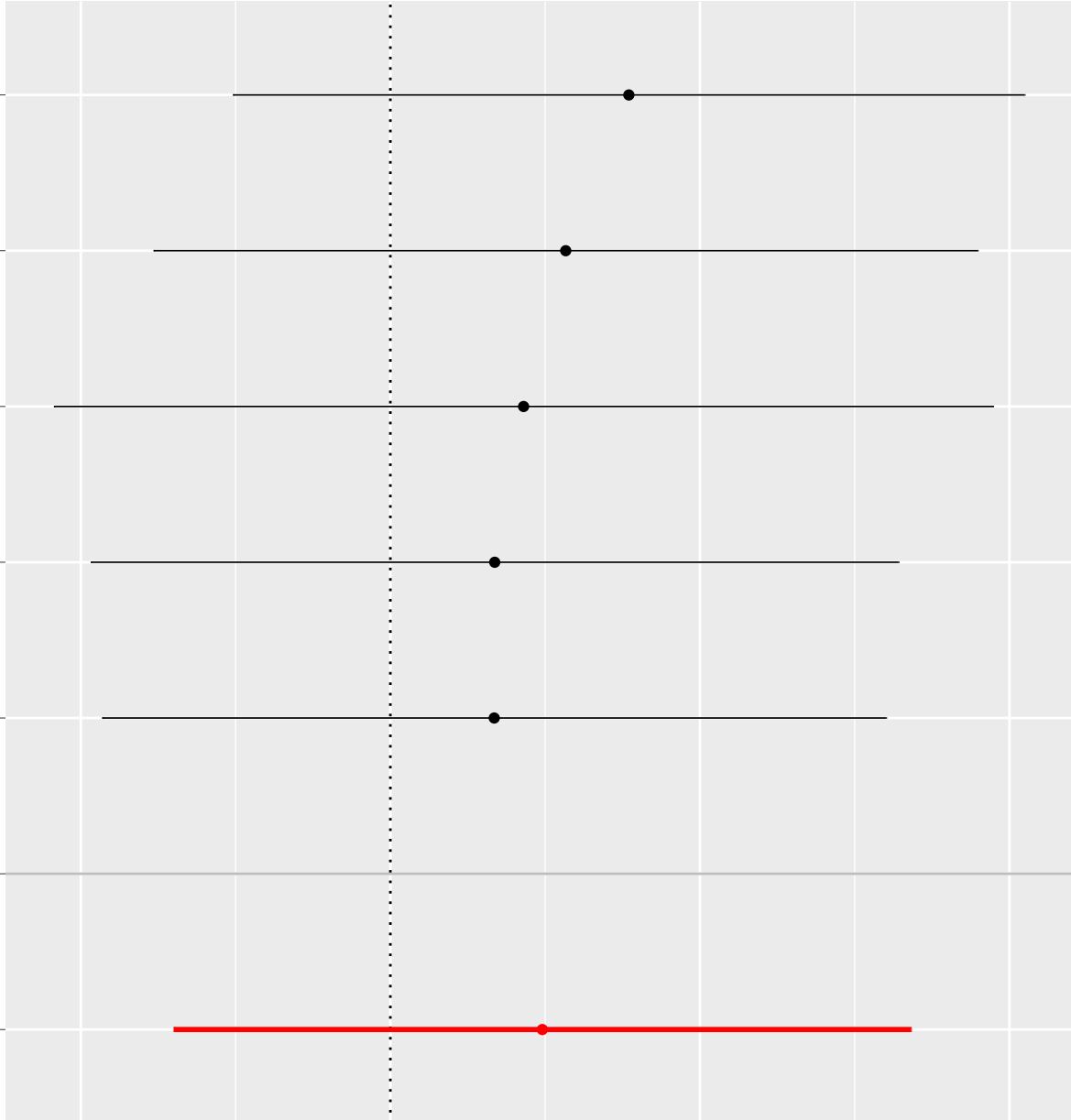
0.00

0.05

0.10

MR leave-one-out sensitivity analysis for

'Lu BF EU sex combined 5 SNPs clumped' on '7-alpha-hydroxy-3-oxo-4-cholestenoate (7-Hoca) || id:737'



rs1558902

rs693839

rs6728726

rs6857

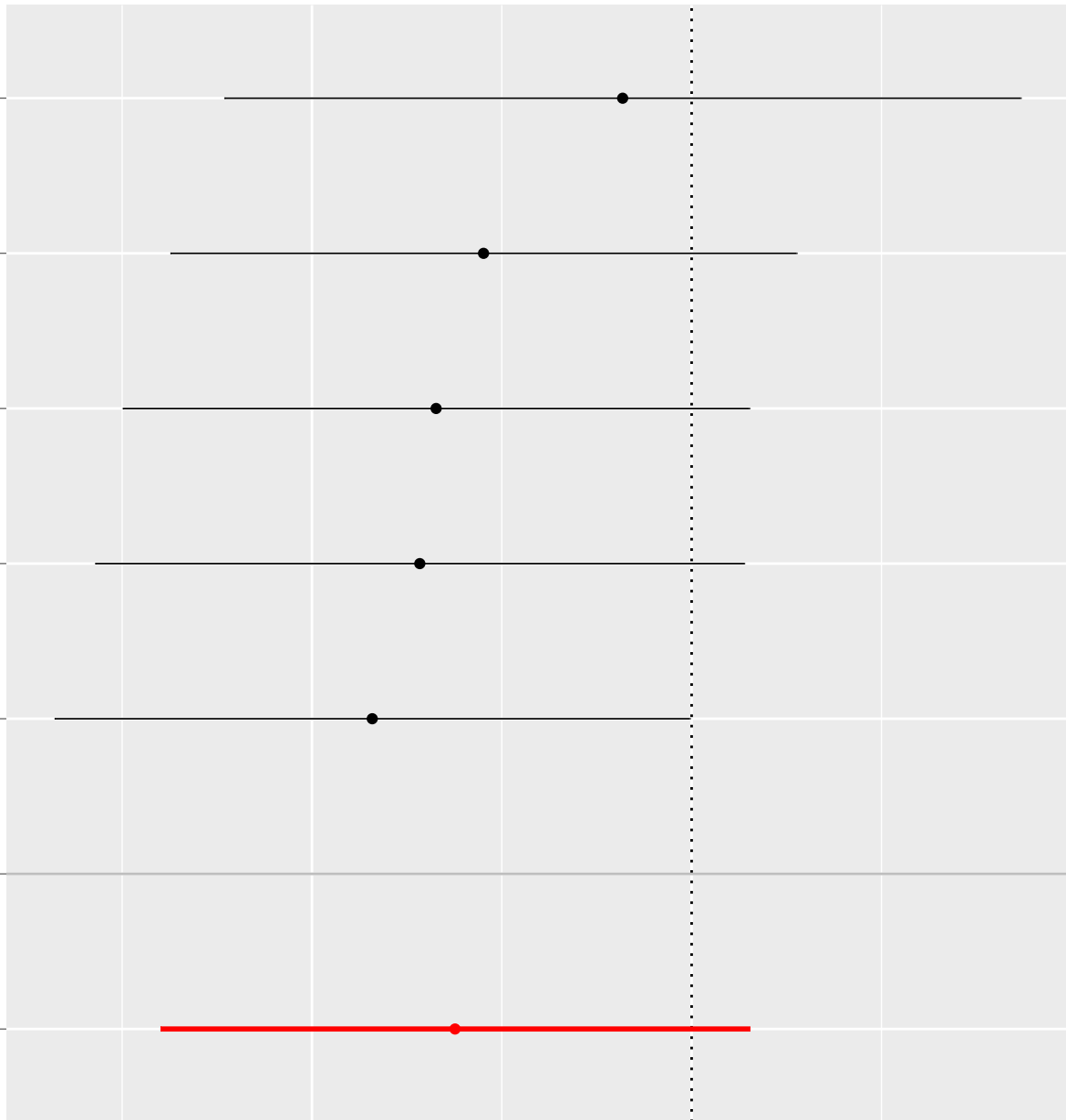
rs9906944

All

-0.1

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'N-Butyl Oleate || id:738'



rs9906944

rs6728726

rs693839

rs6857

rs1558902

All

-0.050

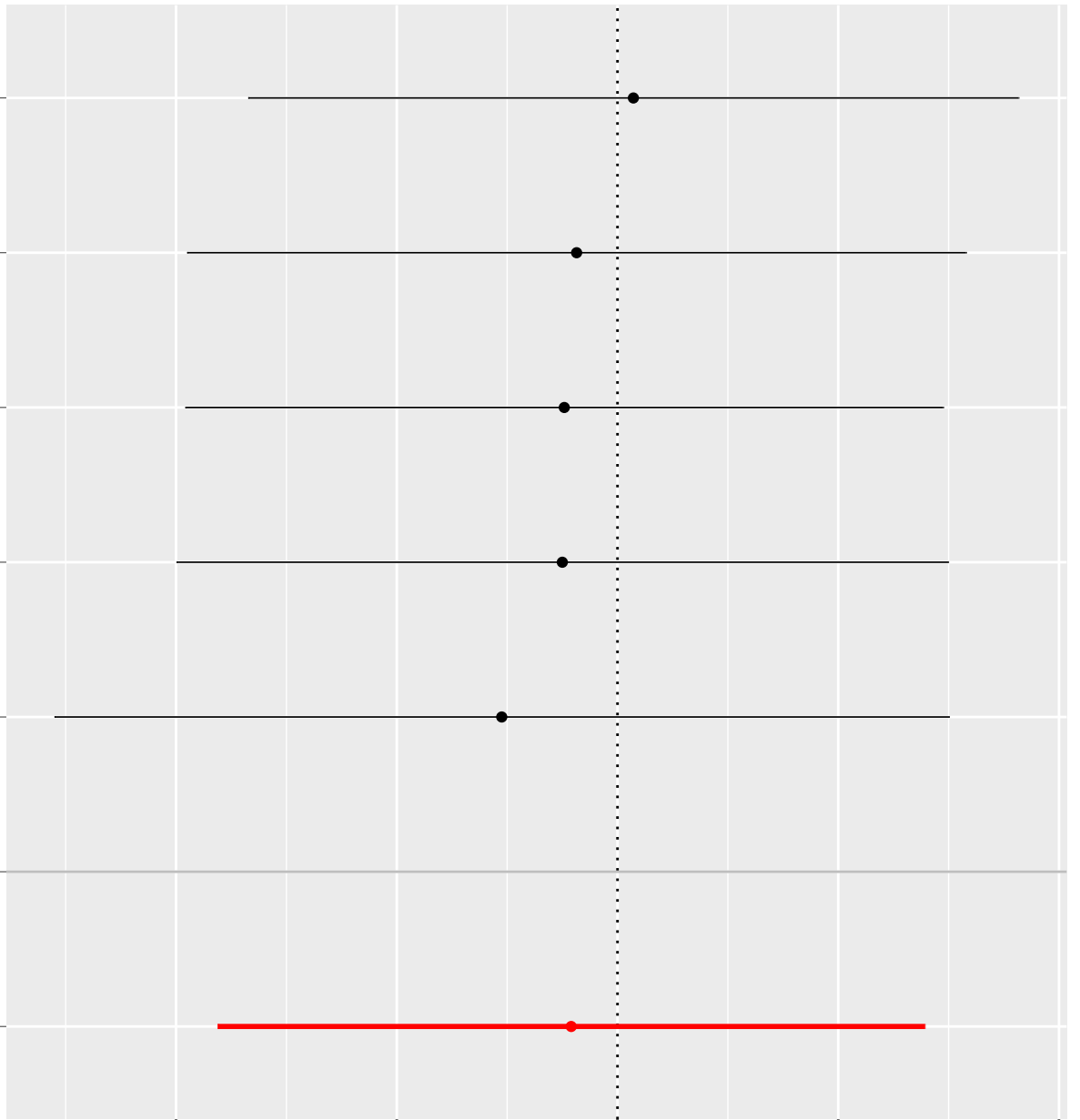
-0.025

0.000

0.025

0.050

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Dimethylarginine (SDMA + ADMA) || id:739'



rs6728726

rs1558902

rs9906944

rs693839

rs6857

All

-0.3

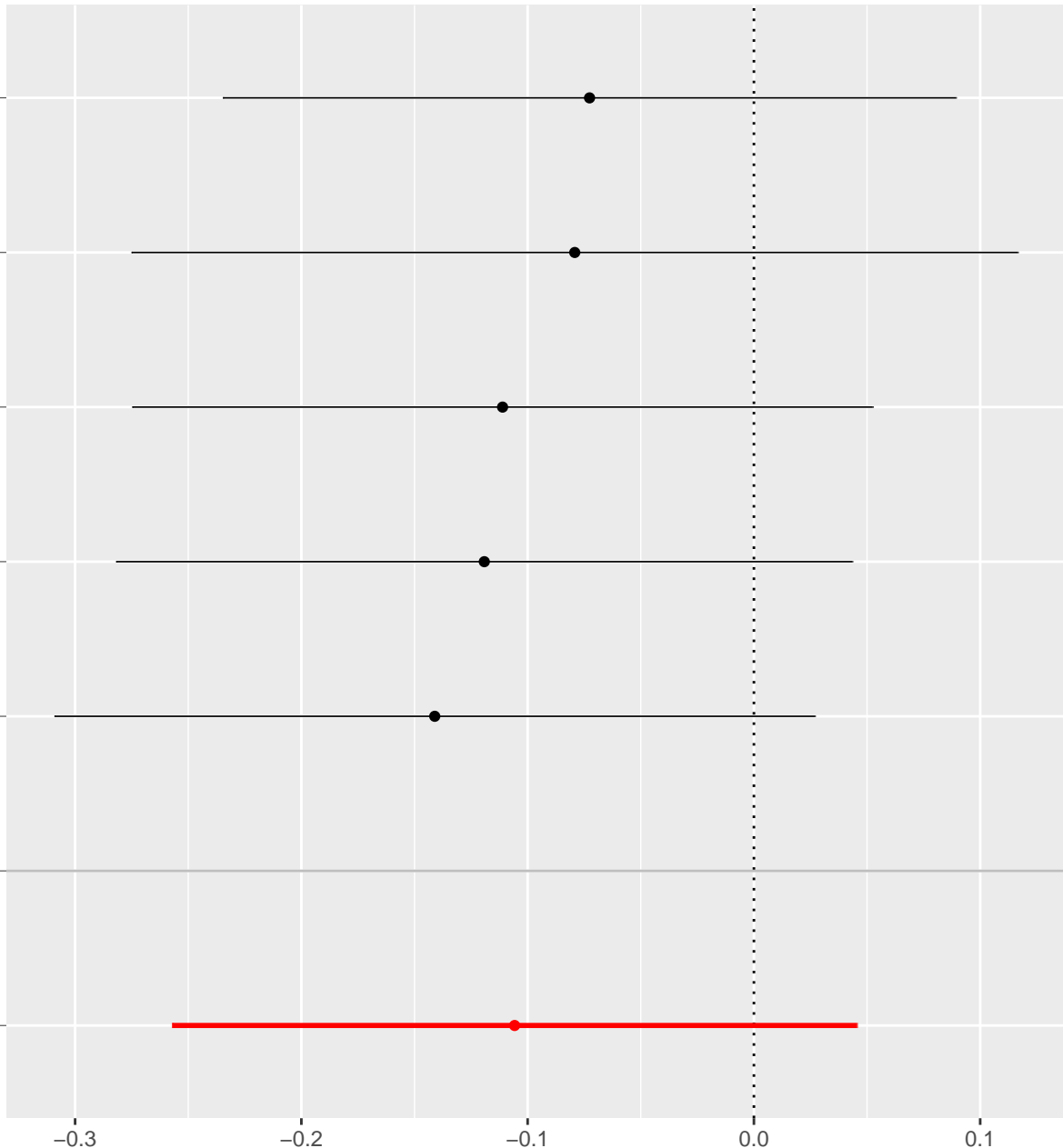
-0.2

-0.1

0.0

0.1

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Taurolithocholate 3-sulfate || id:740'



rs6728726

rs6857

rs693839

rs1558902

rs9906944

All

-0.2

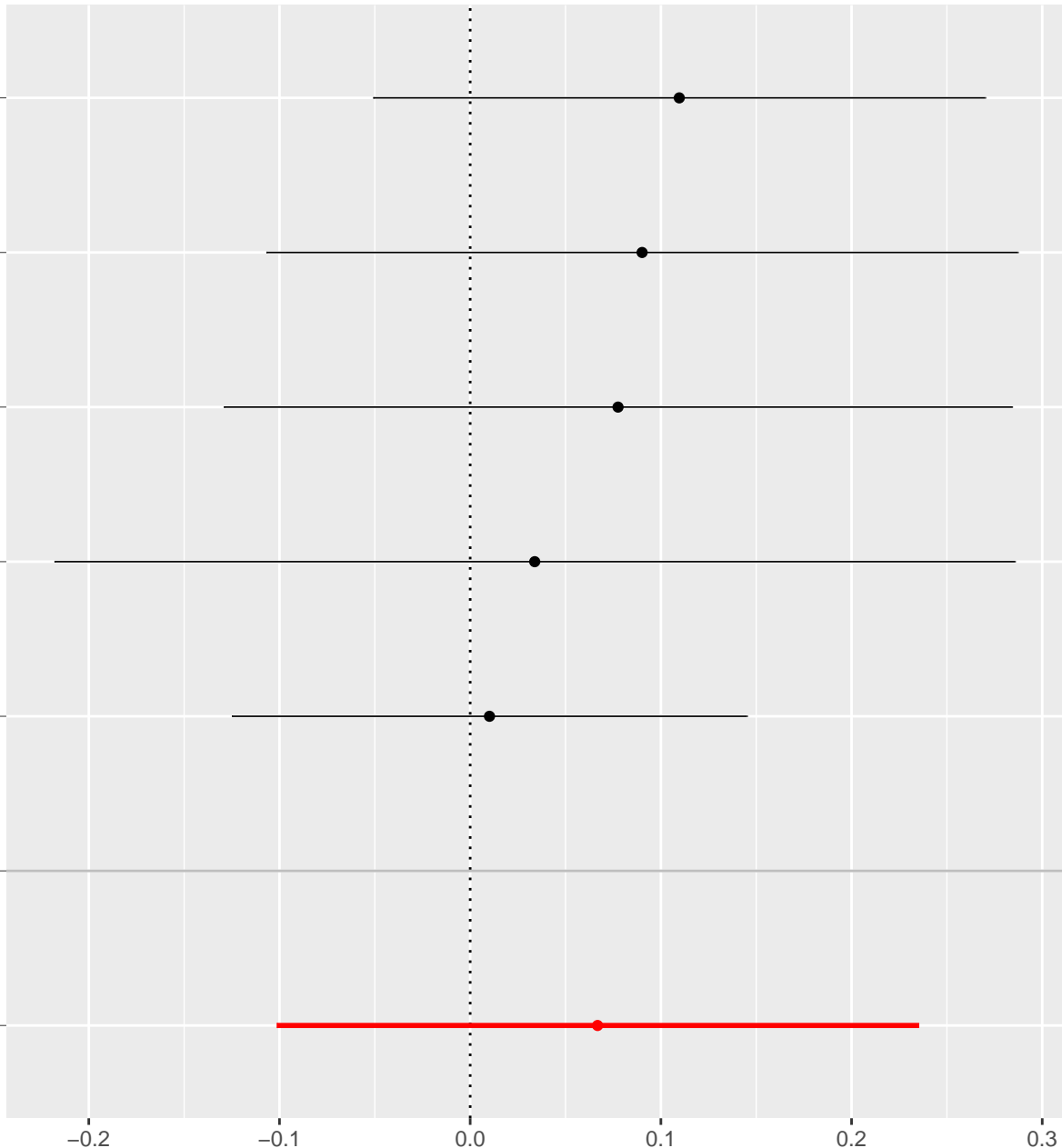
-0.1

0.0

0.2

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'X-14977--vanillin || id:741'



rs6728726

rs6857

rs693839

rs9906944

rs1558902

All

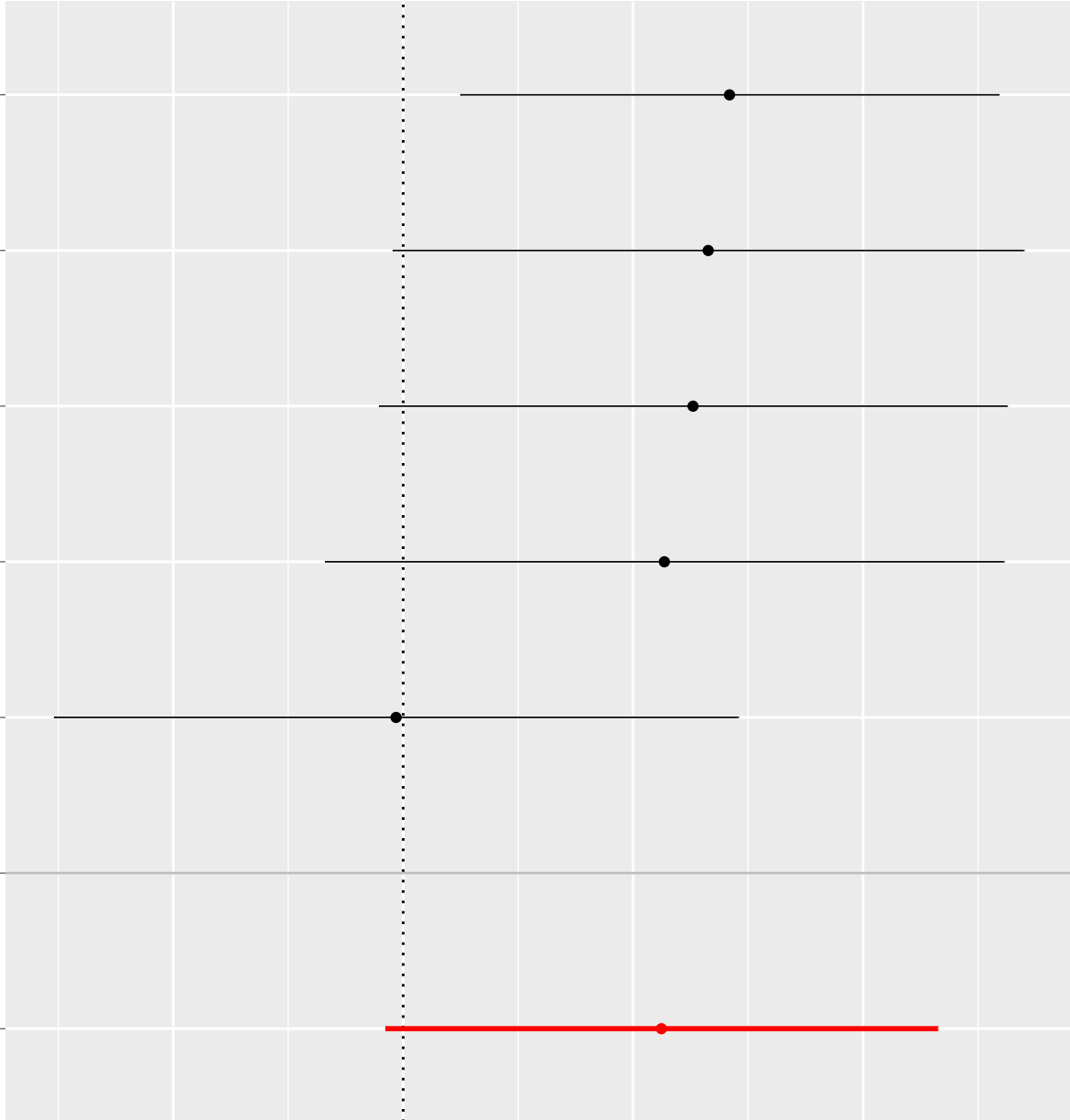
-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Succinylcarnitine || id:742'





rs693839

rs9906944

rs1558902

rs6728726

rs6857

All

-0.2

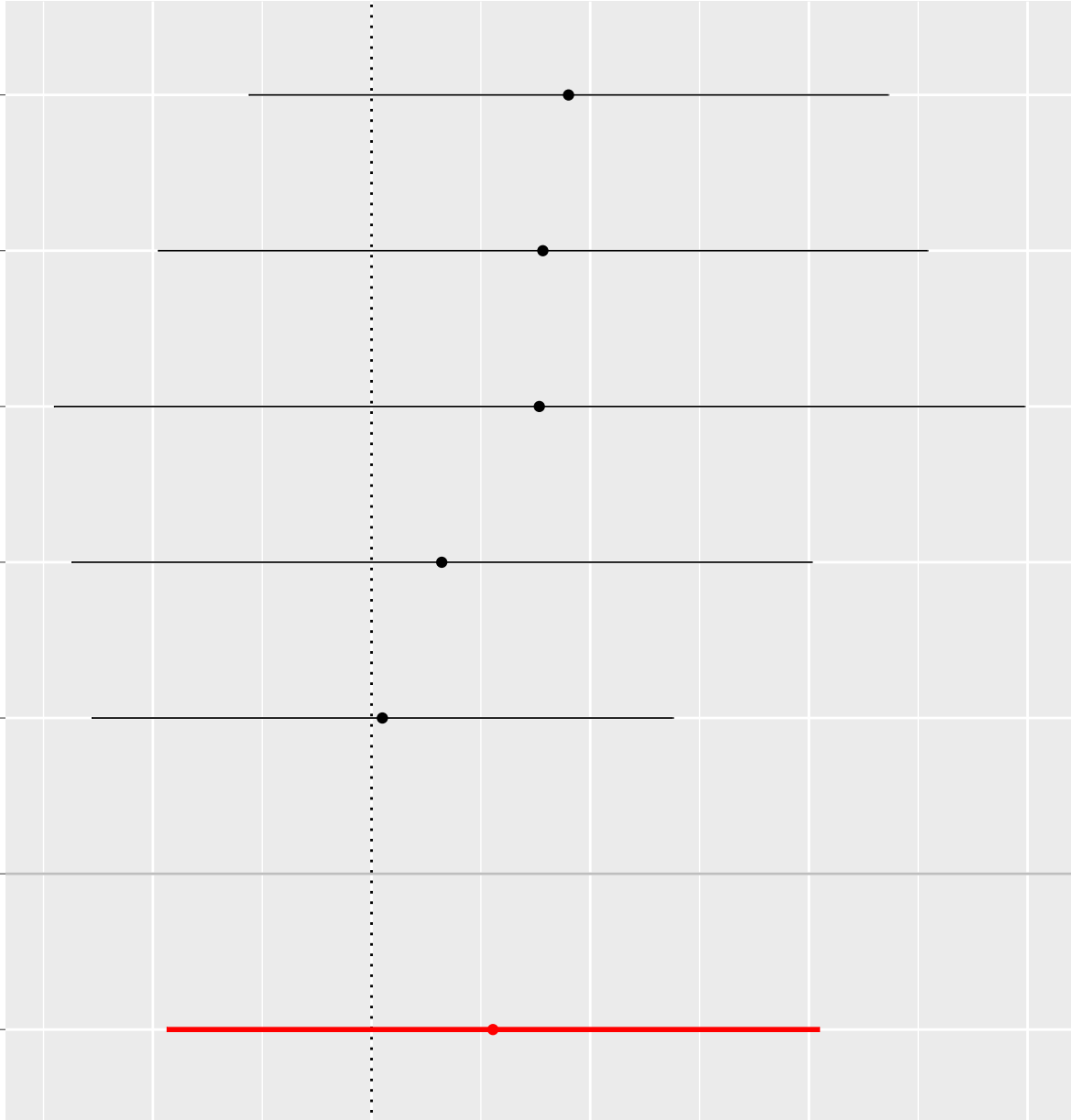
0.0

0.2

0.4

0.6

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Tryptophan betaine || id:743'



rs693839

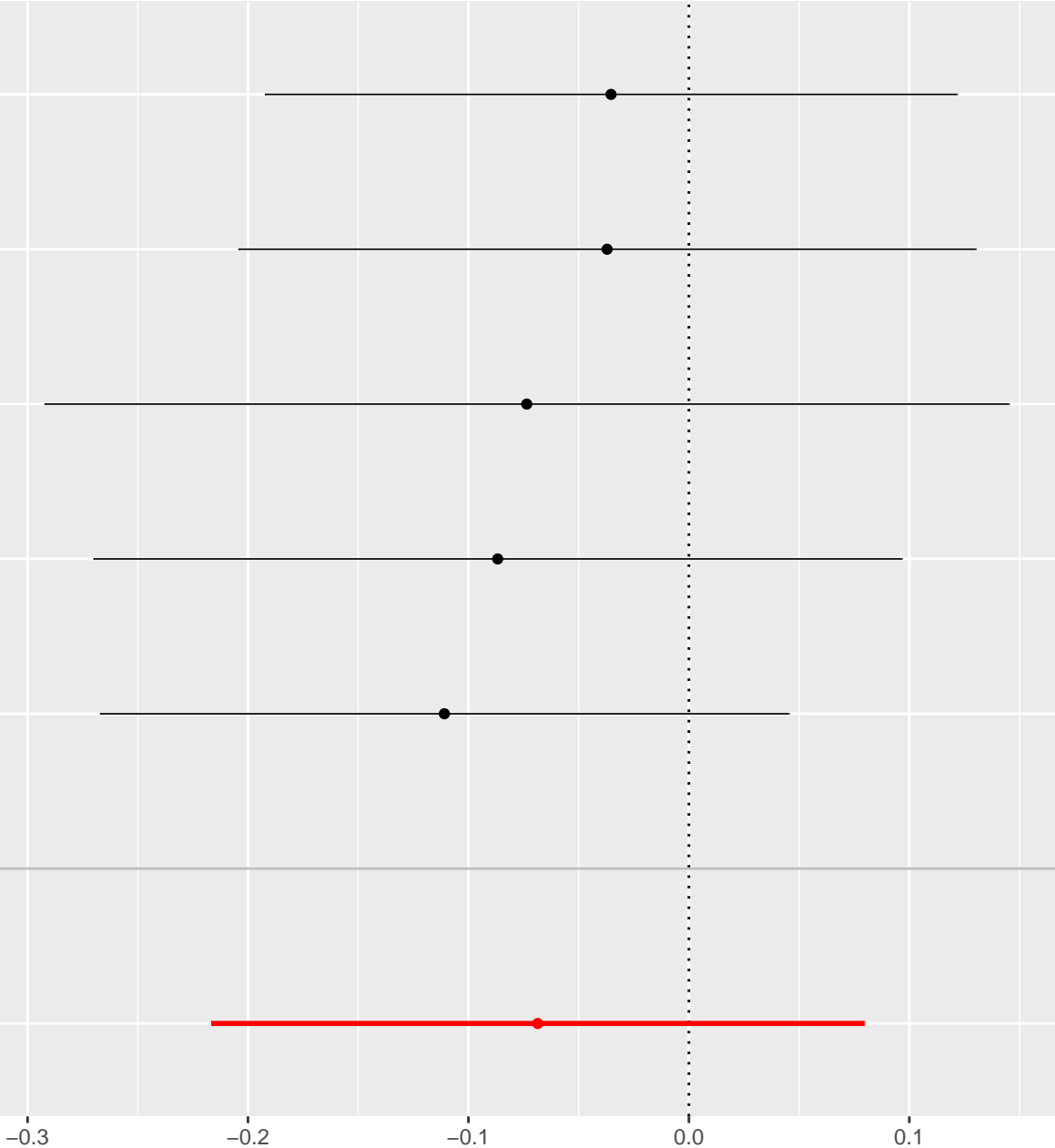
rs9906944

rs1558902

rs6857

rs6728726

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Cyclo(leu-pro) || id:744'

rs6857

rs6728726

rs693839

rs9906944

rs1558902

All

-0.6

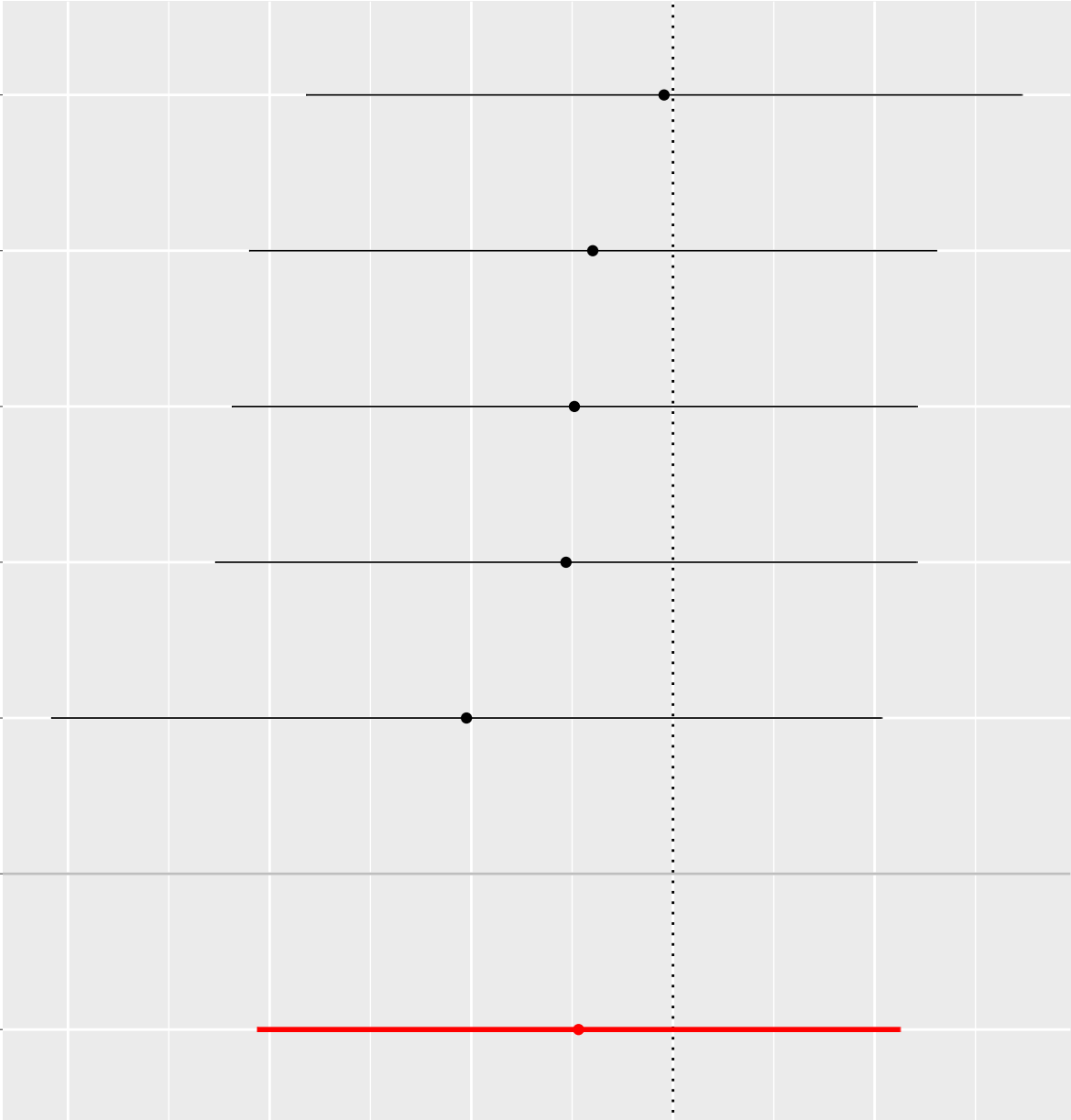
-0.4

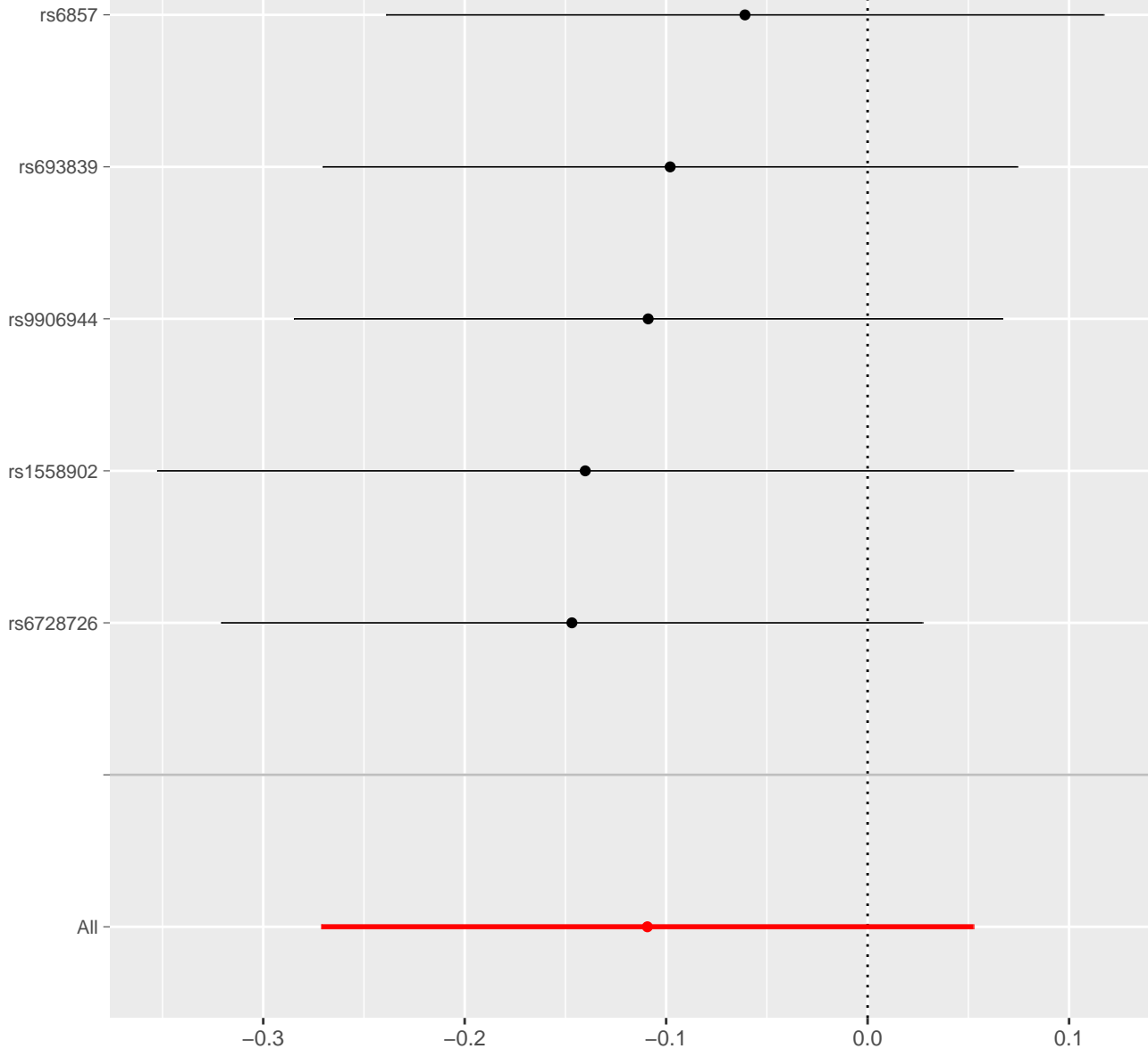
-0.2

0.0

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Chiro-inositol || id:745'





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

rs1558902

rs9906944

rs6728726

rs693839

rs6857

All

-0.3

-0.2

-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '4-androsten-3beta,17beta-diol disulfate 1\* || id:747'

rs1558902

rs9906944

rs6728726

rs693839

rs6857

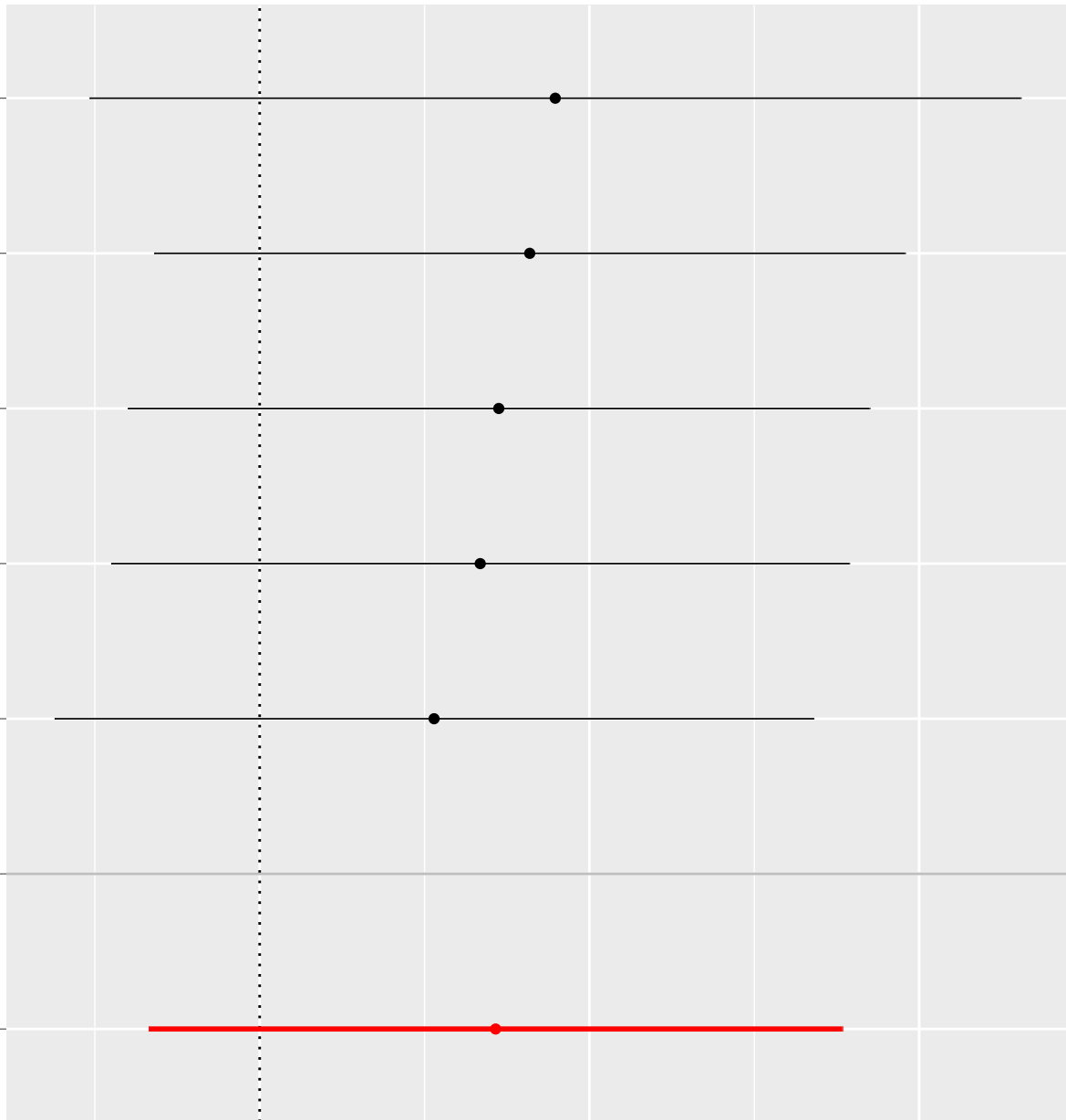
All

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '4-androsten-3beta,17beta-diol disulfate 2\* || id:748'



rs9906944

rs6857

rs1558902

rs693839

rs6728726

All

-0.10

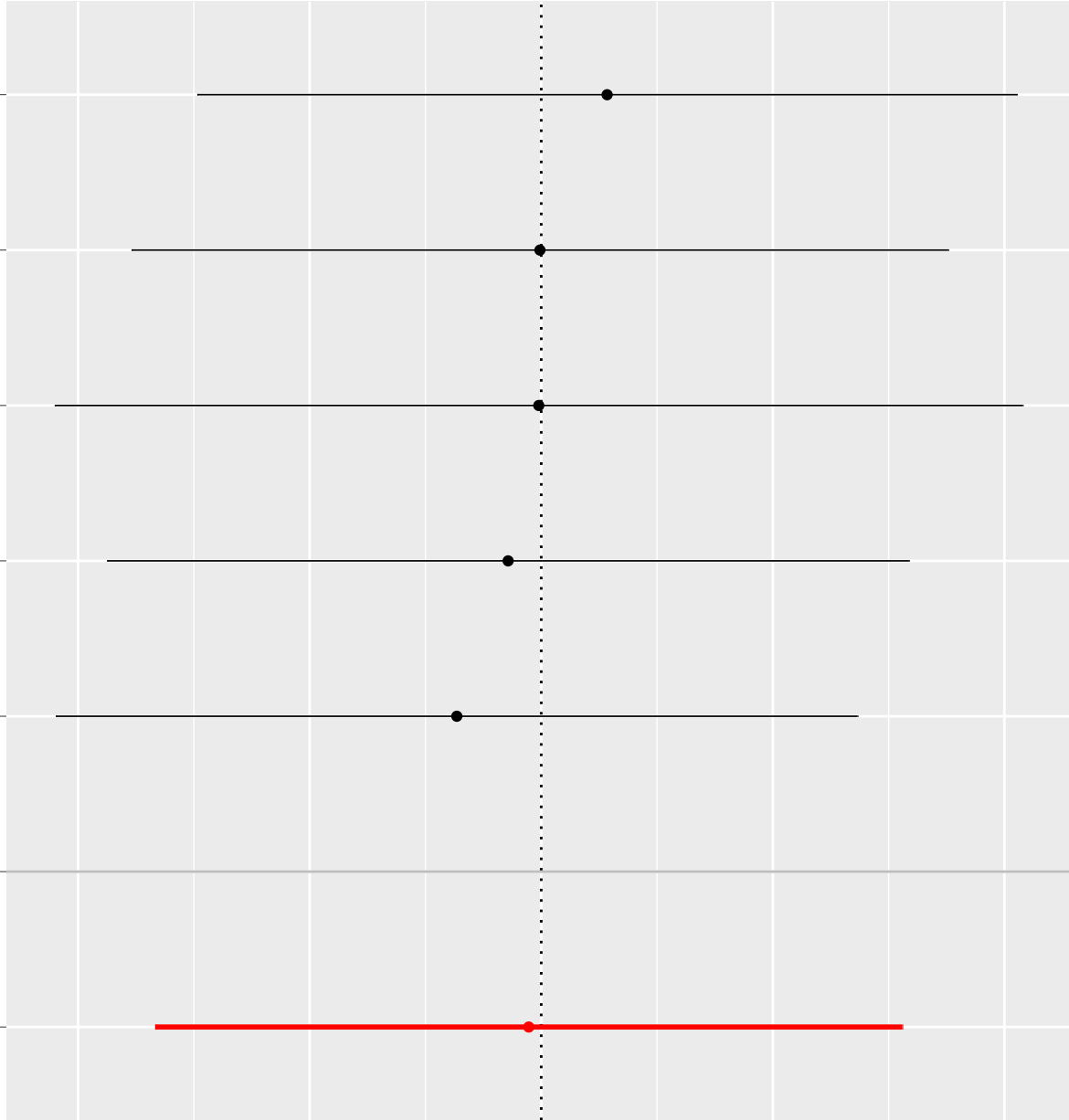
-0.05

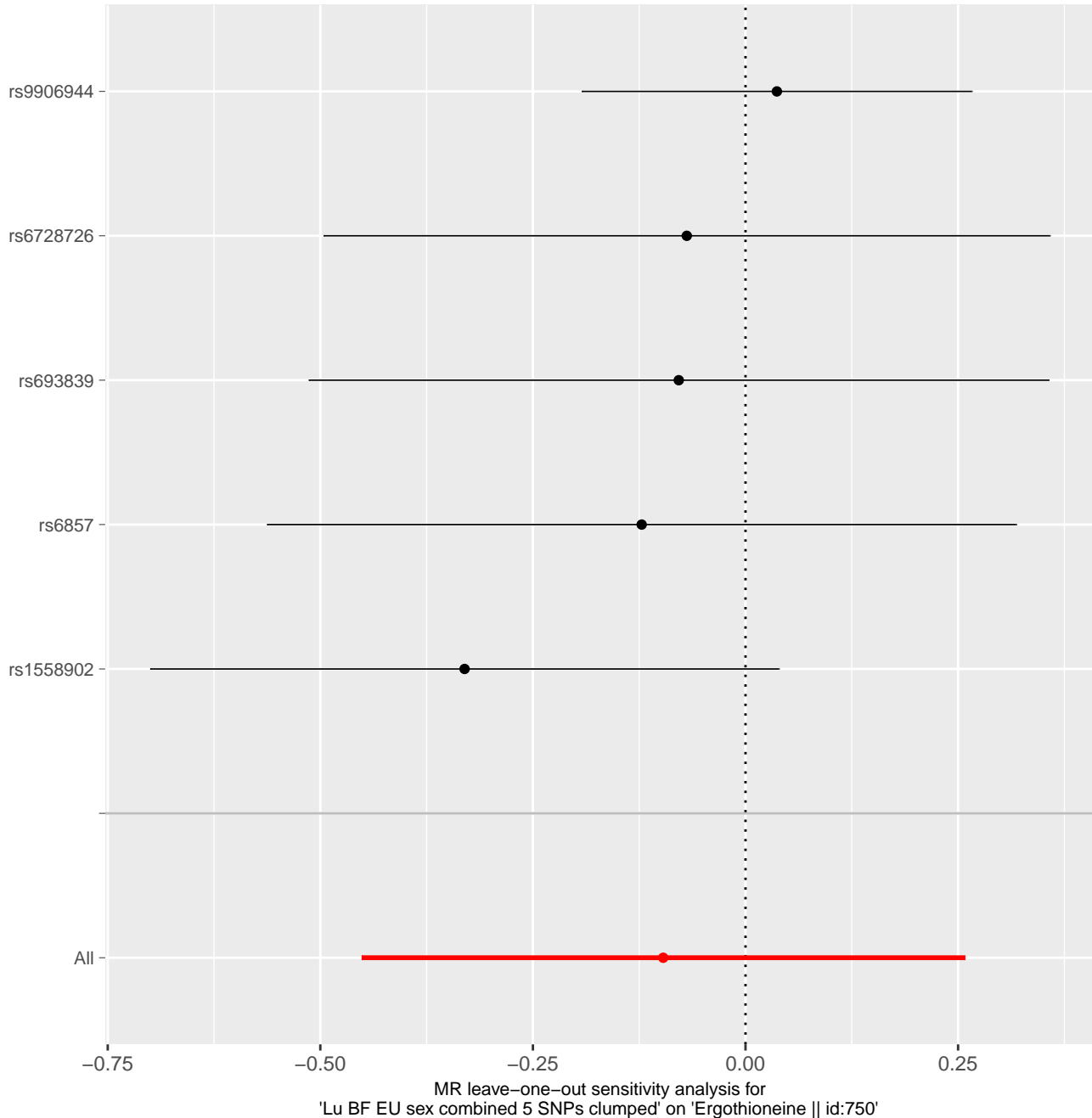
0.00

0.05

0.10

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on '2-hydroxyglutarate || id:749'







rs6728726

rs6857

rs1558902

rs693839

rs9906944

All

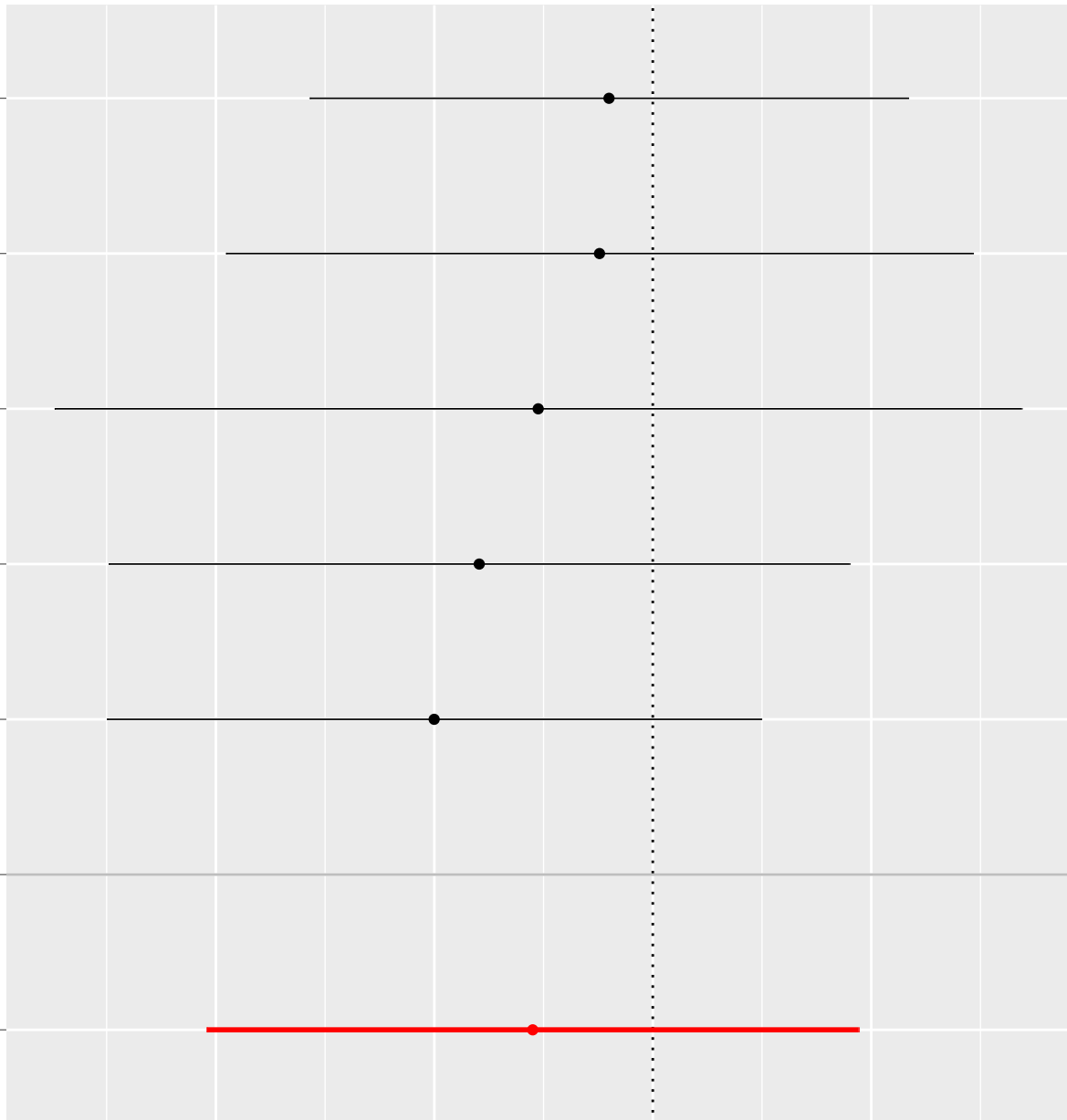
-0.08

-0.04

0.00

0.04

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Palmitoyl sphingomyelin || id:751'



rs9906944

rs693839

rs1558902

rs6728726

rs6857

All

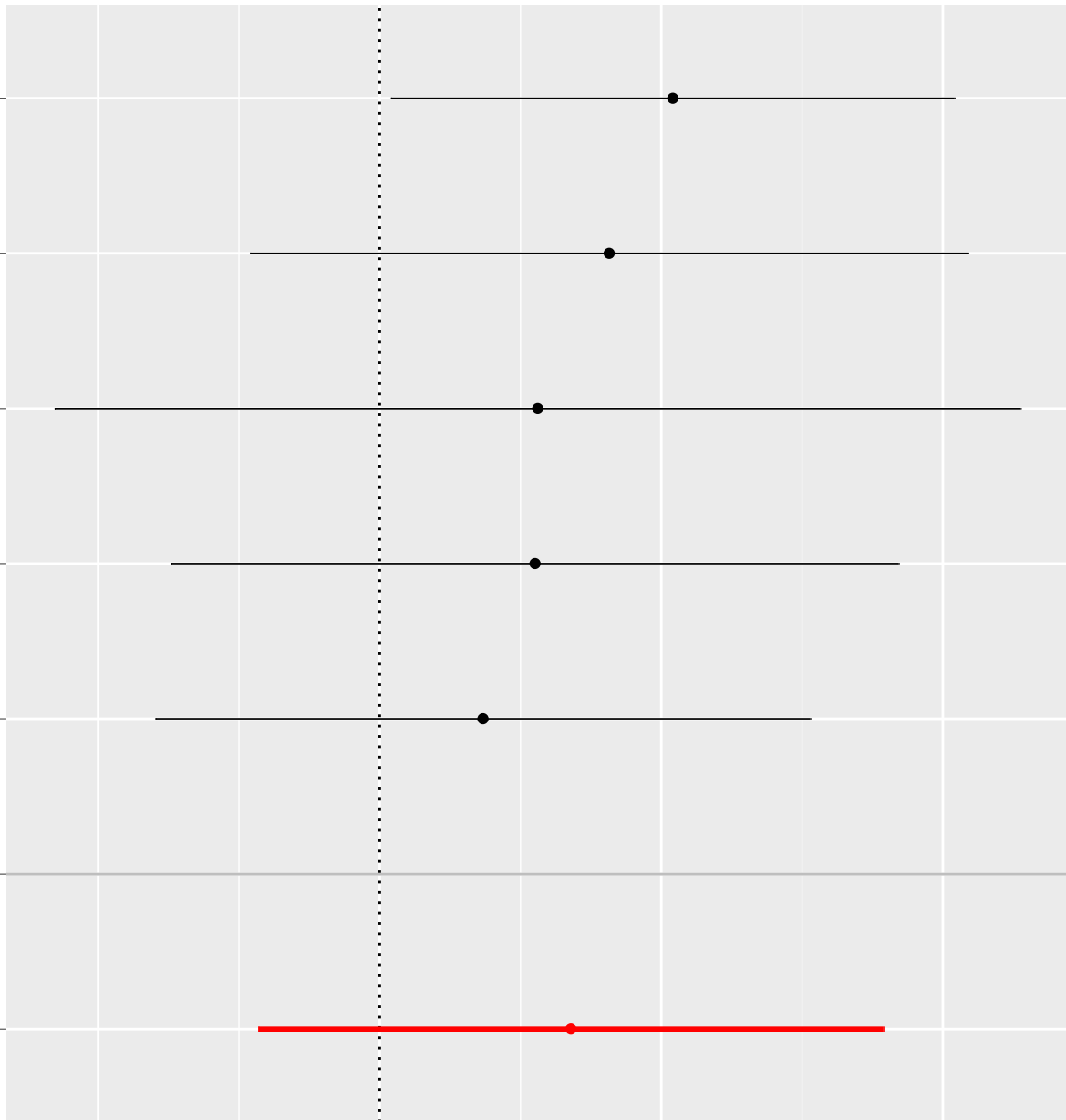
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Phenylalanylphenylalanine || id:752'



rs9906944

rs1558902

rs6857

rs693839

rs6728726

All

-0.05

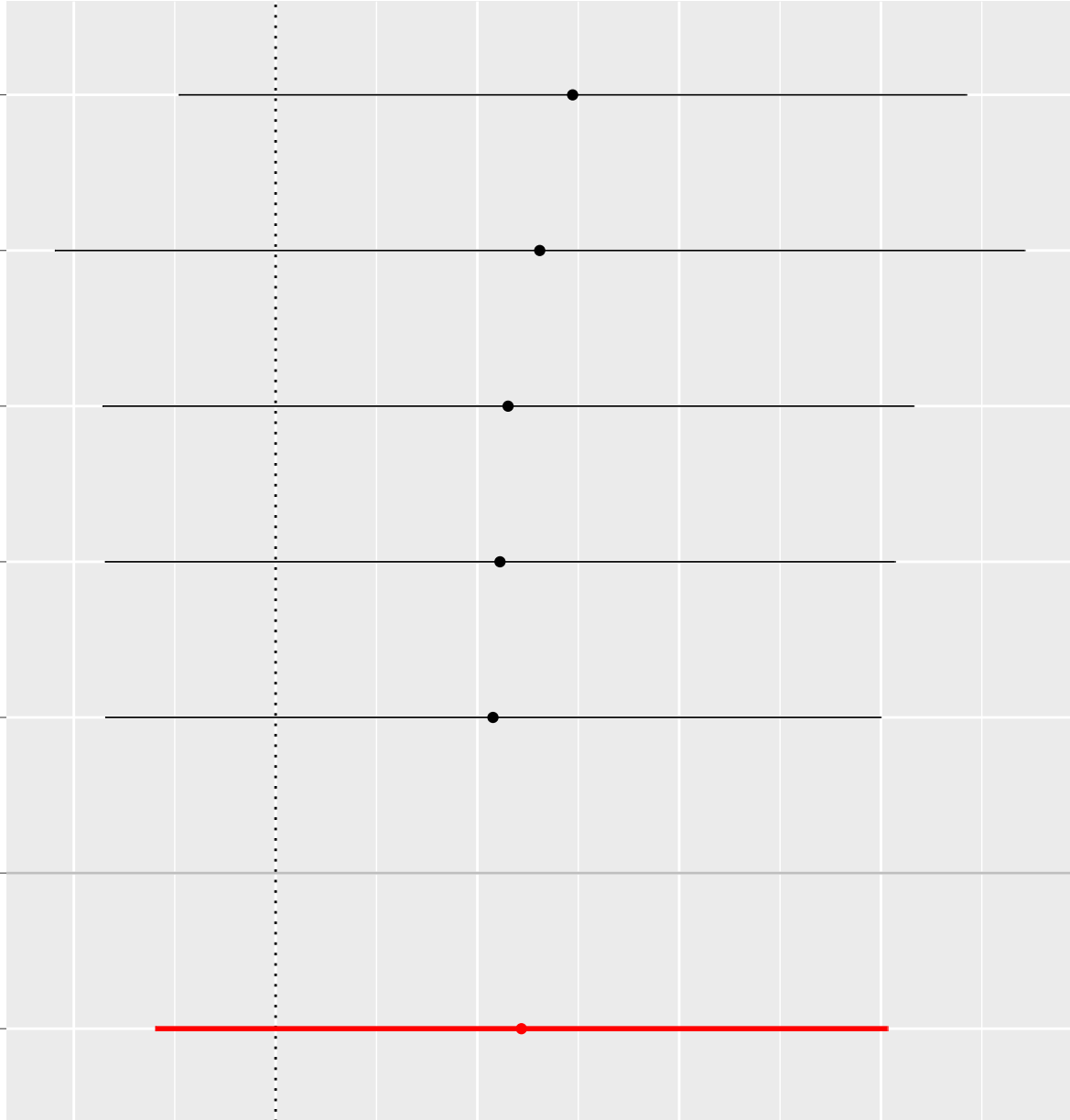
0.00

0.05

0.10

0.15

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 5 SNPs clumped' on 'Cis-4-decenoyl carnitine || id:753'



rs1558902

rs6857

rs693839

rs6728726

rs9906944

All

-0.05

0.00

0.05

0.10

MR leave-one-out sensitivity analysis for

'Lu BF EU sex combined 5 SNPs clumped' on '15-methylpalmitate (isobar with 2-methylpalmitate) || id:754'

