

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Acetoacetate || id:838'

rs1558902

rs693839

rs6728726

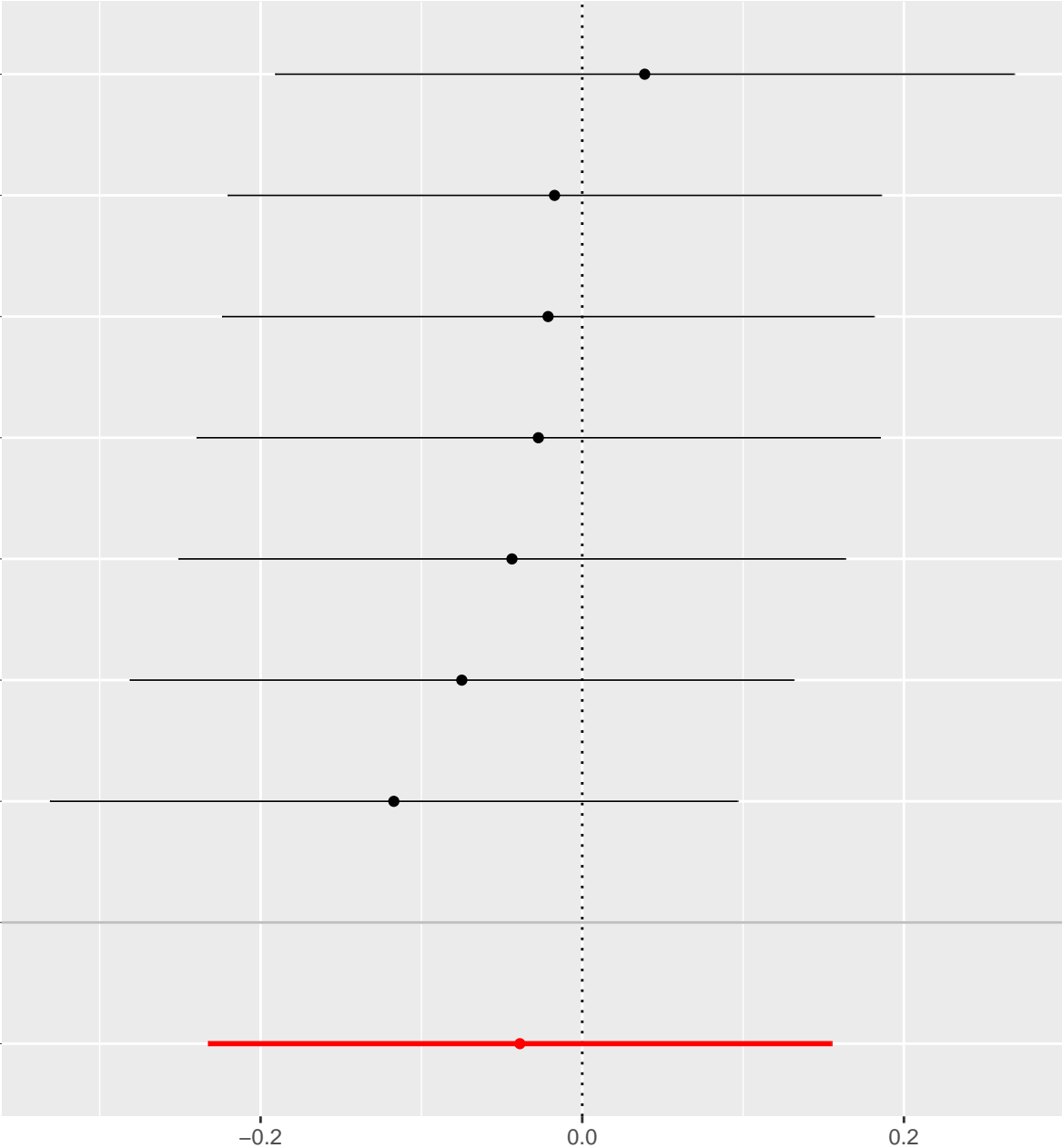
rs2943650

rs6738627

rs9906944

rs6857

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Acetate || id:839'

rs6738627

rs6857

rs2943650

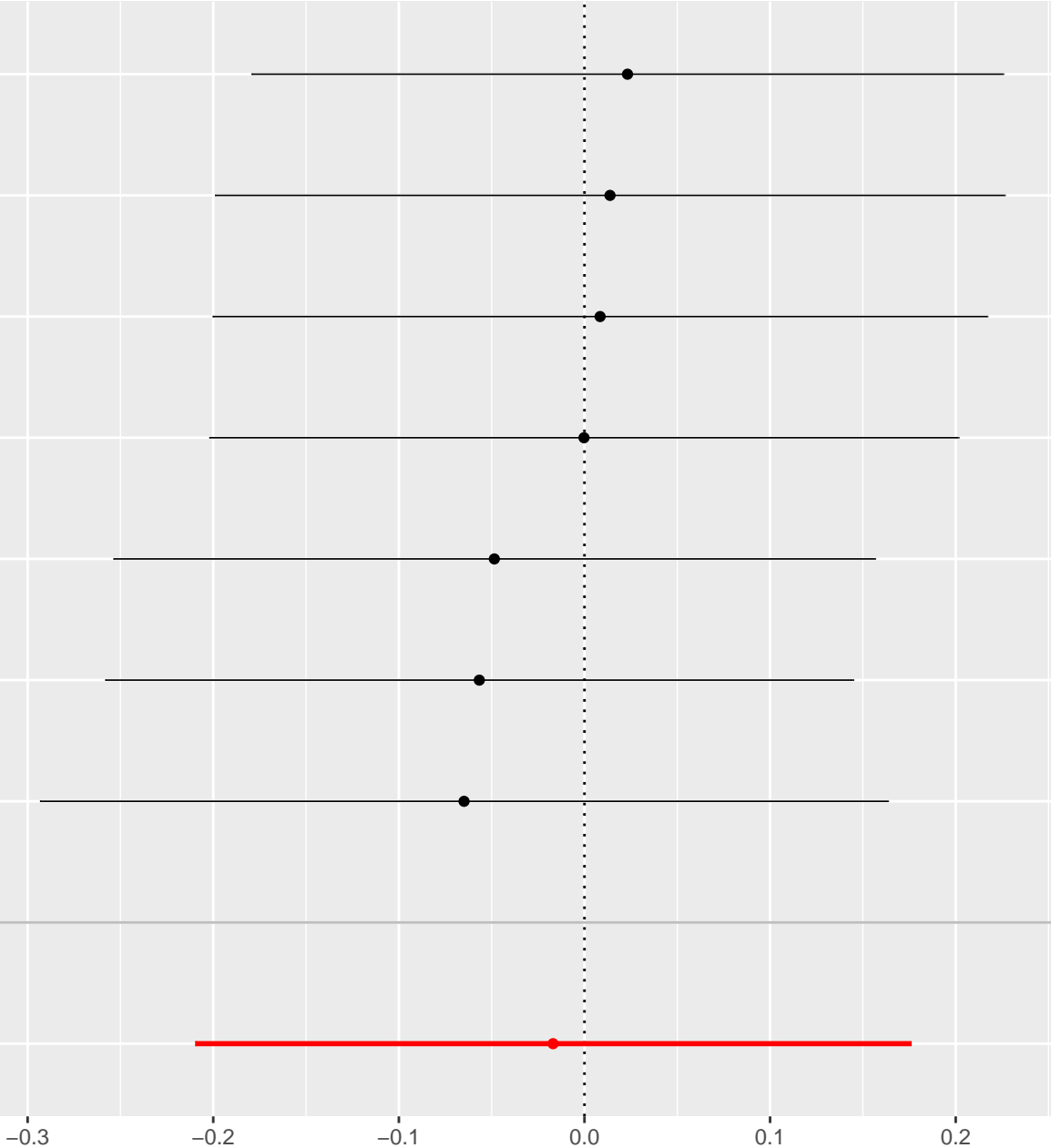
rs693839

rs9906944

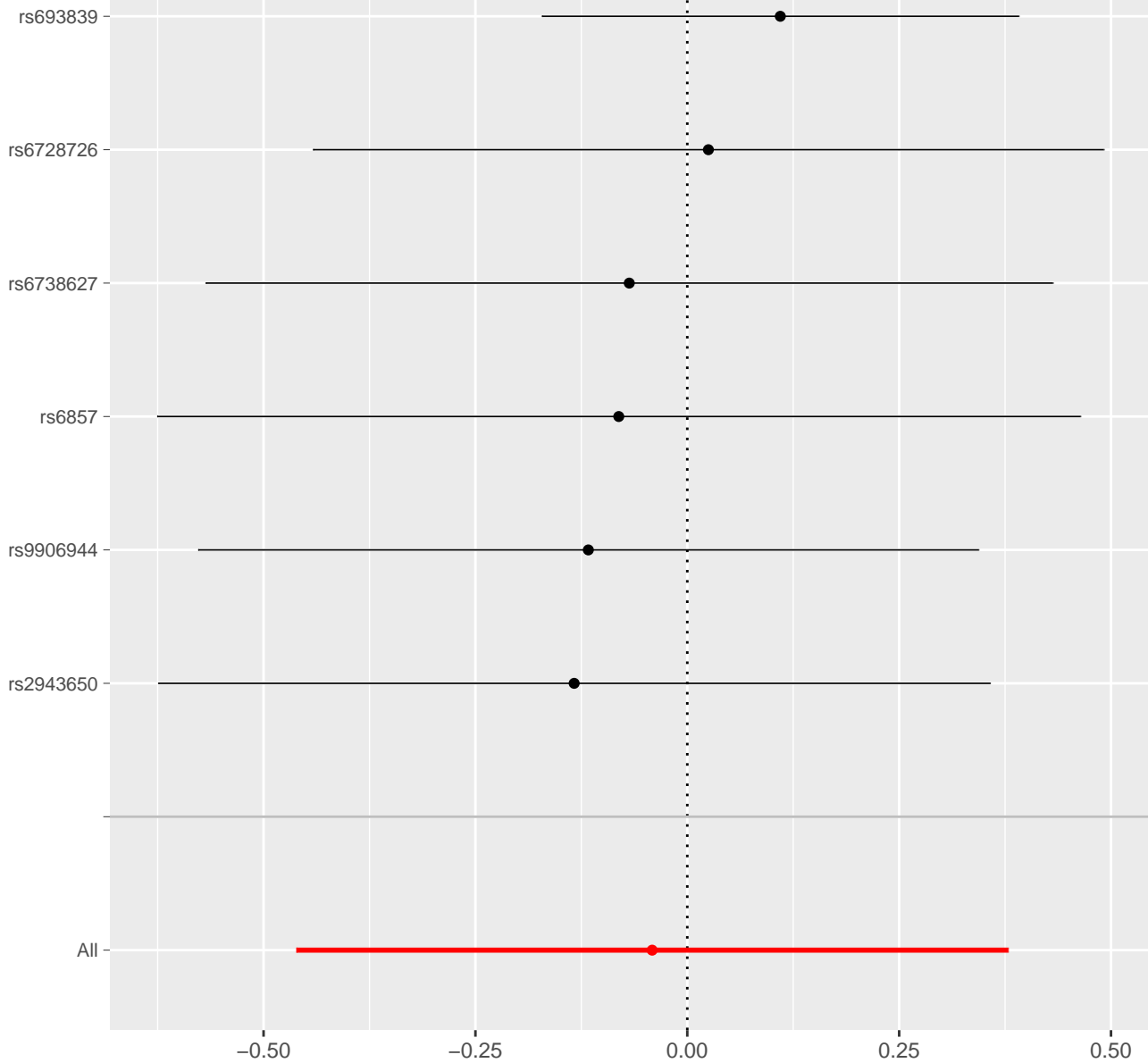
rs6728726

rs1558902

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Alanine || id:840'



rs6857

rs9906944

rs693839

rs6728726

rs6738627

rs2943650

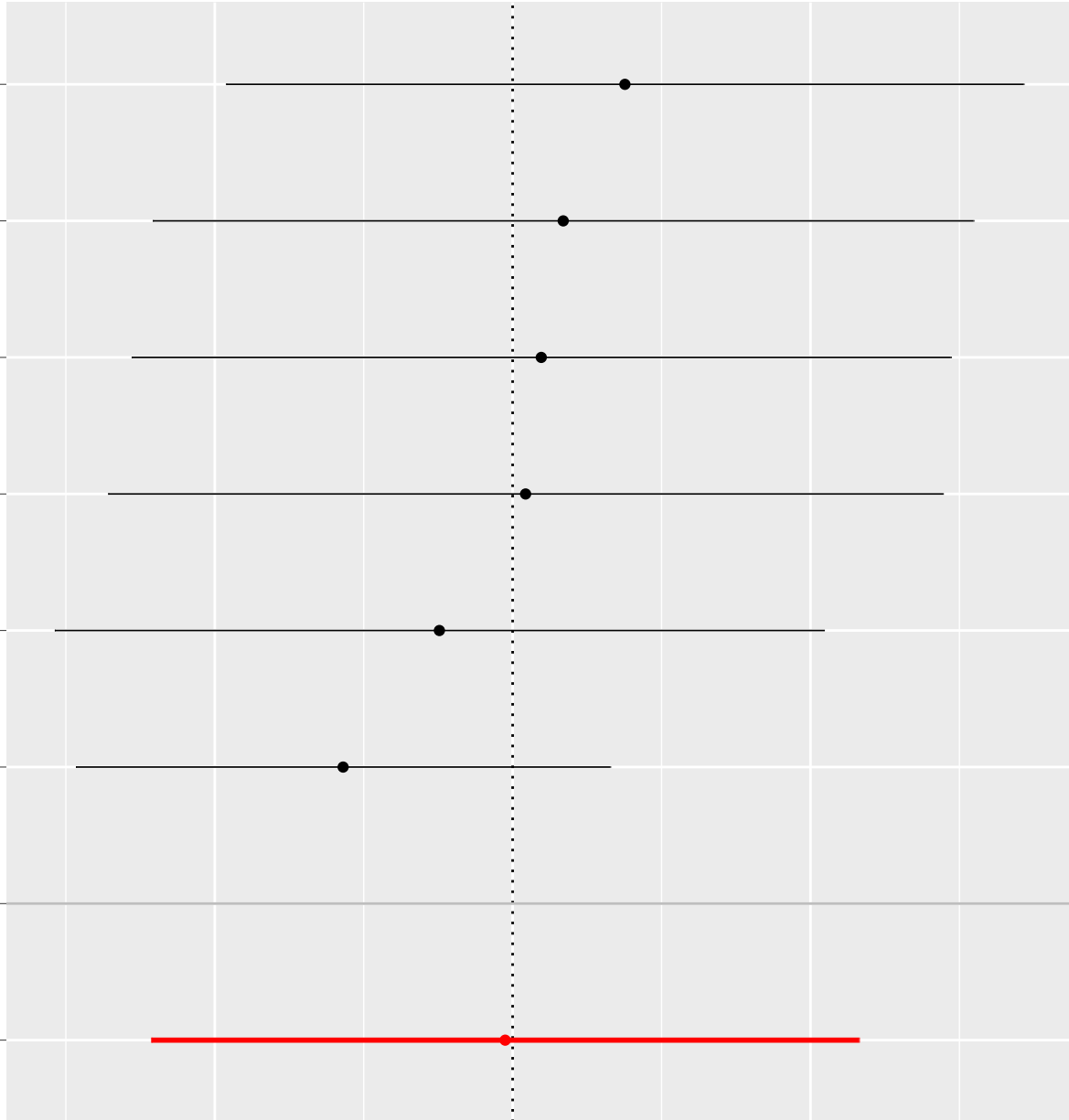
All

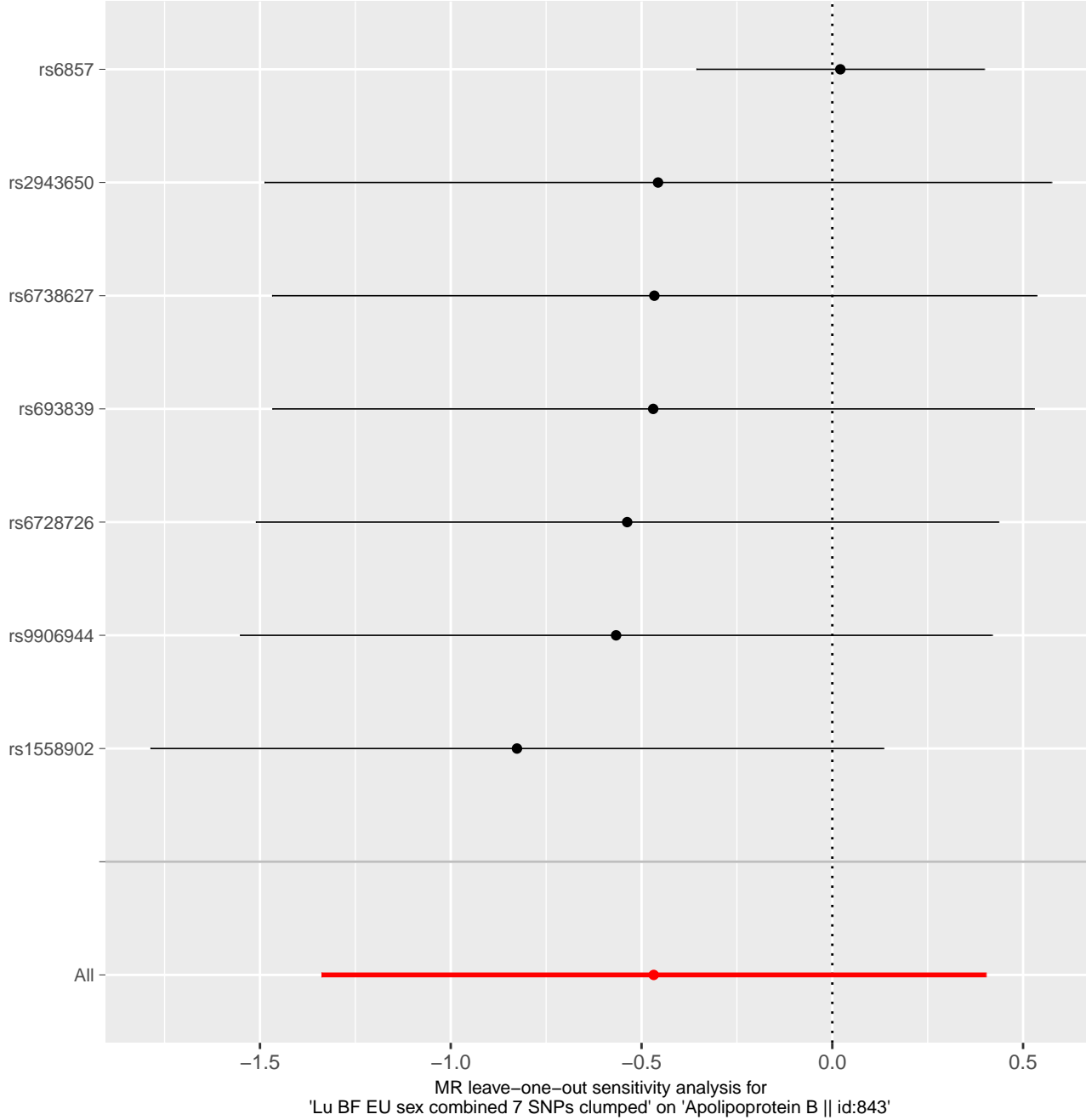
-0.5

0.0

0.5

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Apolipoprotein A-I || id:842'





rs6728726

rs1558902

rs9906944

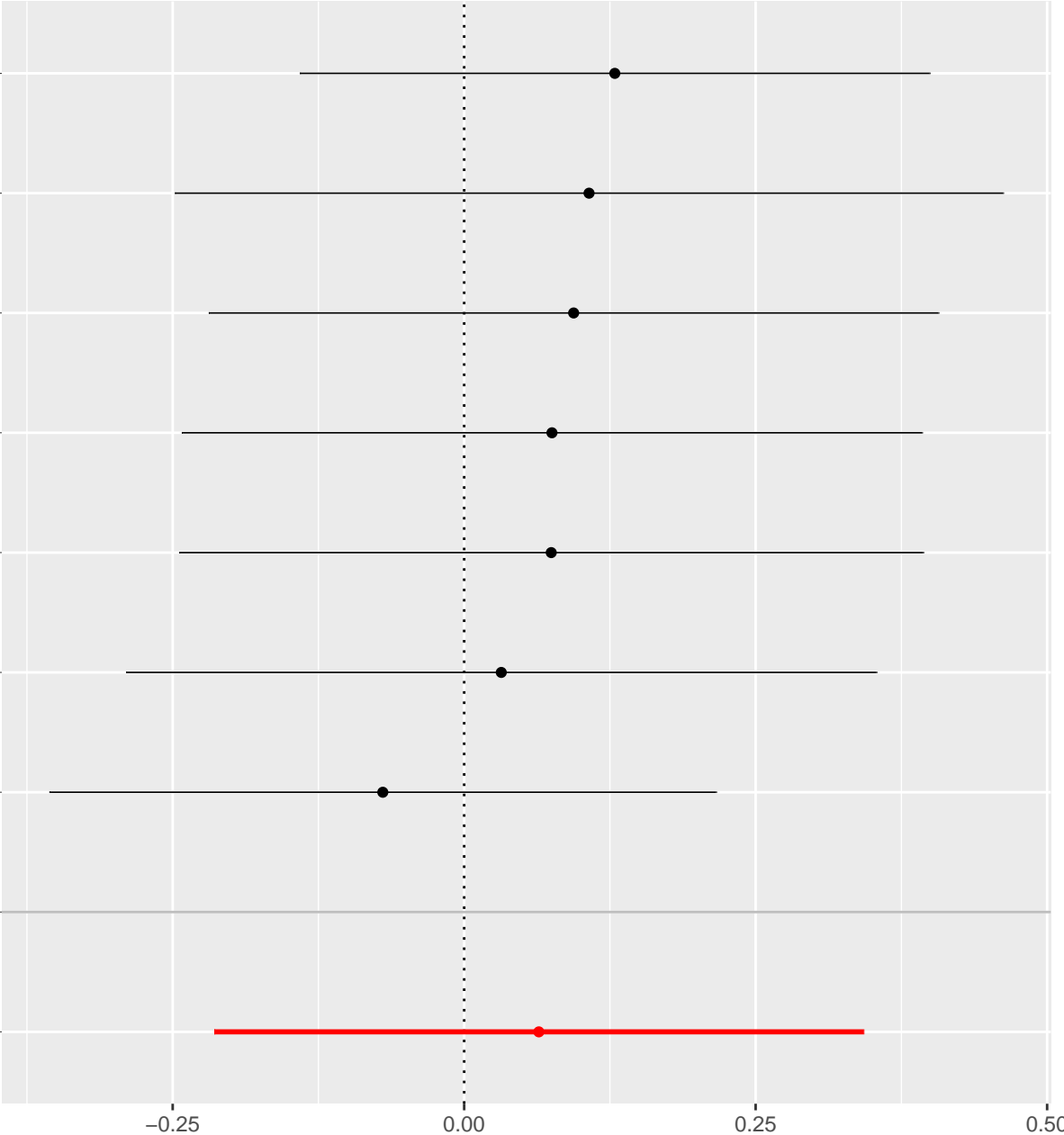
rs693839

rs6738627

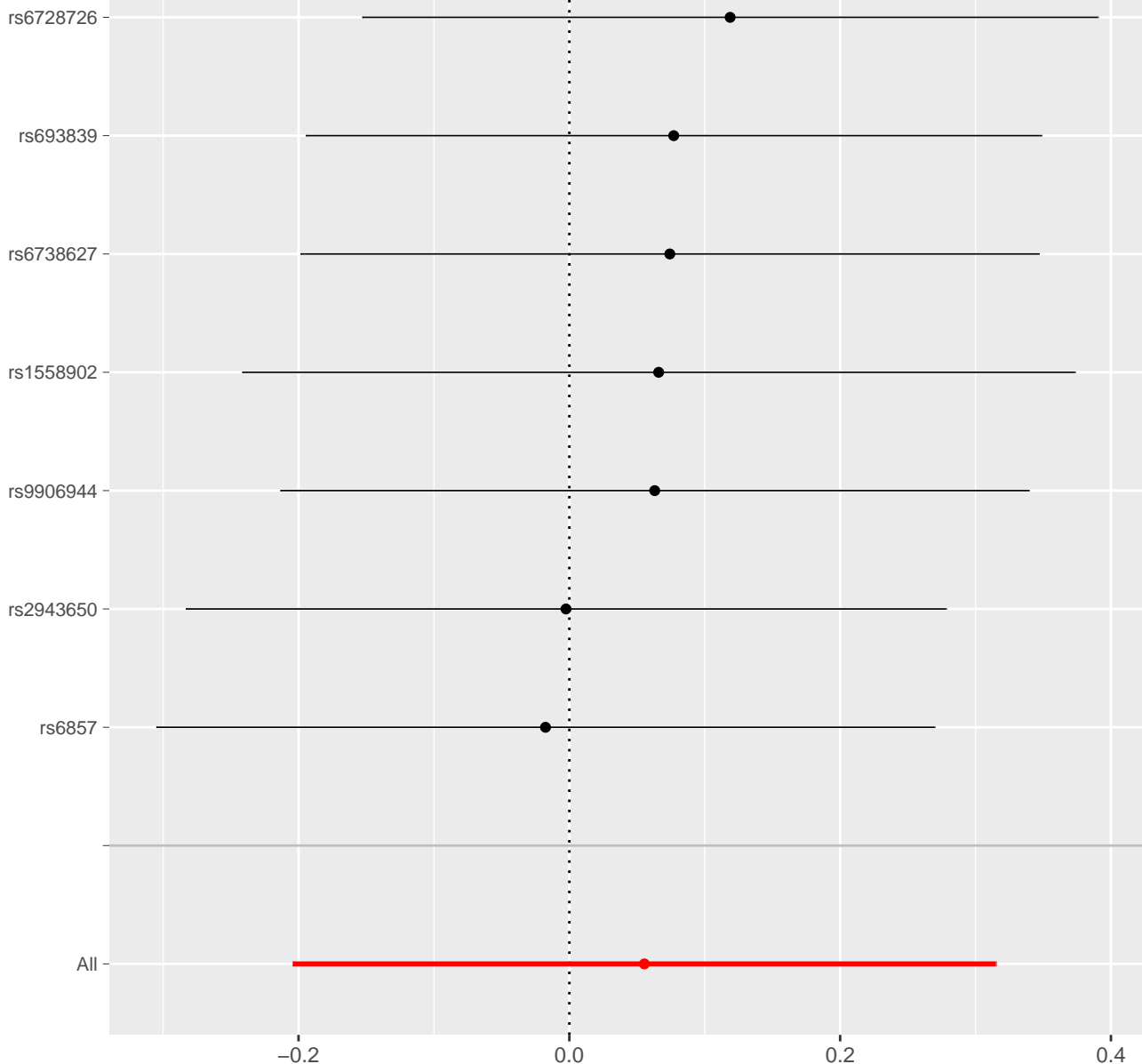
rs2943650

rs6857

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Ratio of bisallylic groups to double bonds || id:844'



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Ratio of bisallylic groups to total fatty acids || id:845'



rs6728726

rs1558902

rs6857

rs693839

rs6738627

rs9906944

rs2943650

All

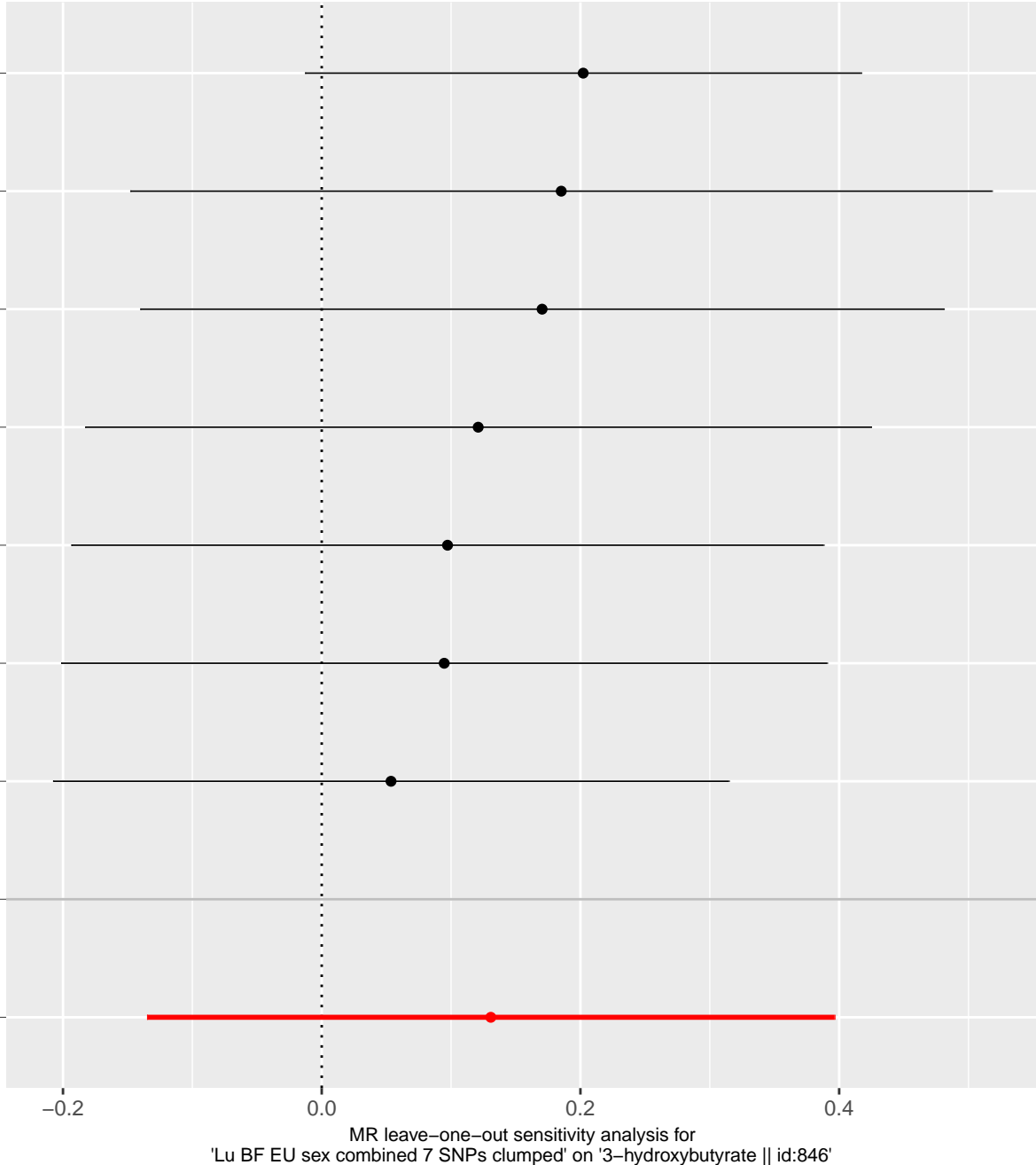
-0.2

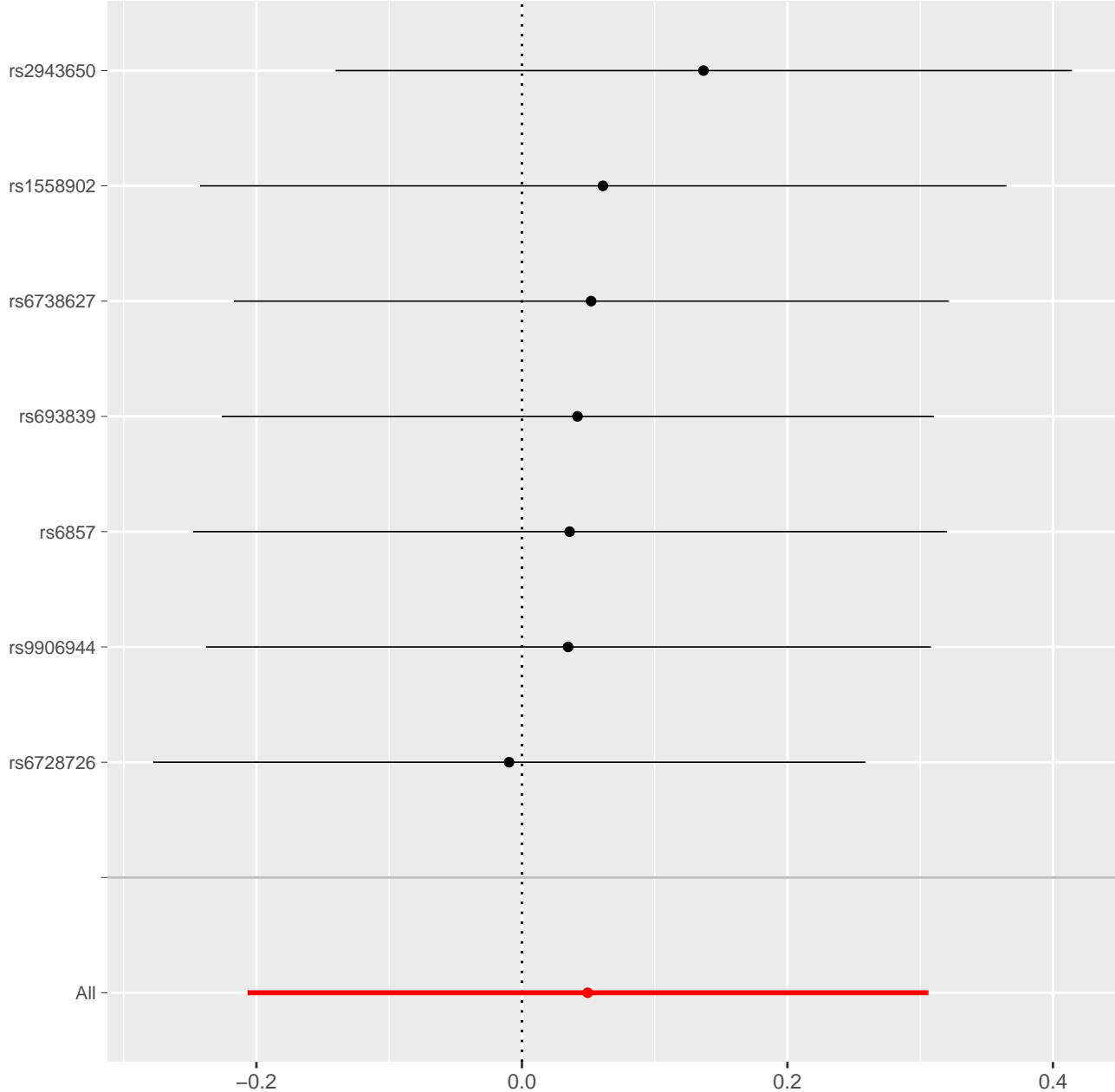
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0.2

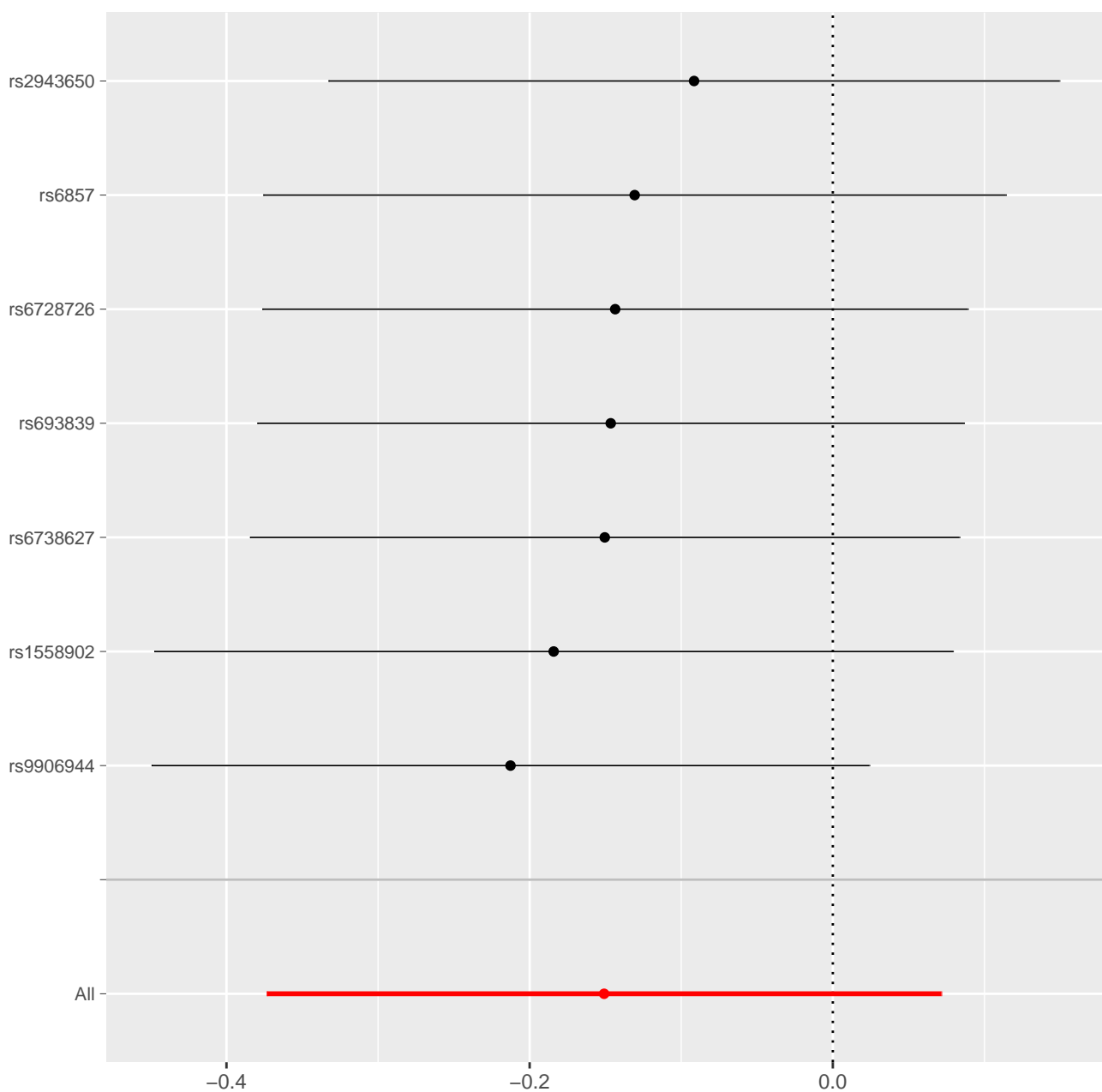
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MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on '3-hydroxybutyrate || id:846'

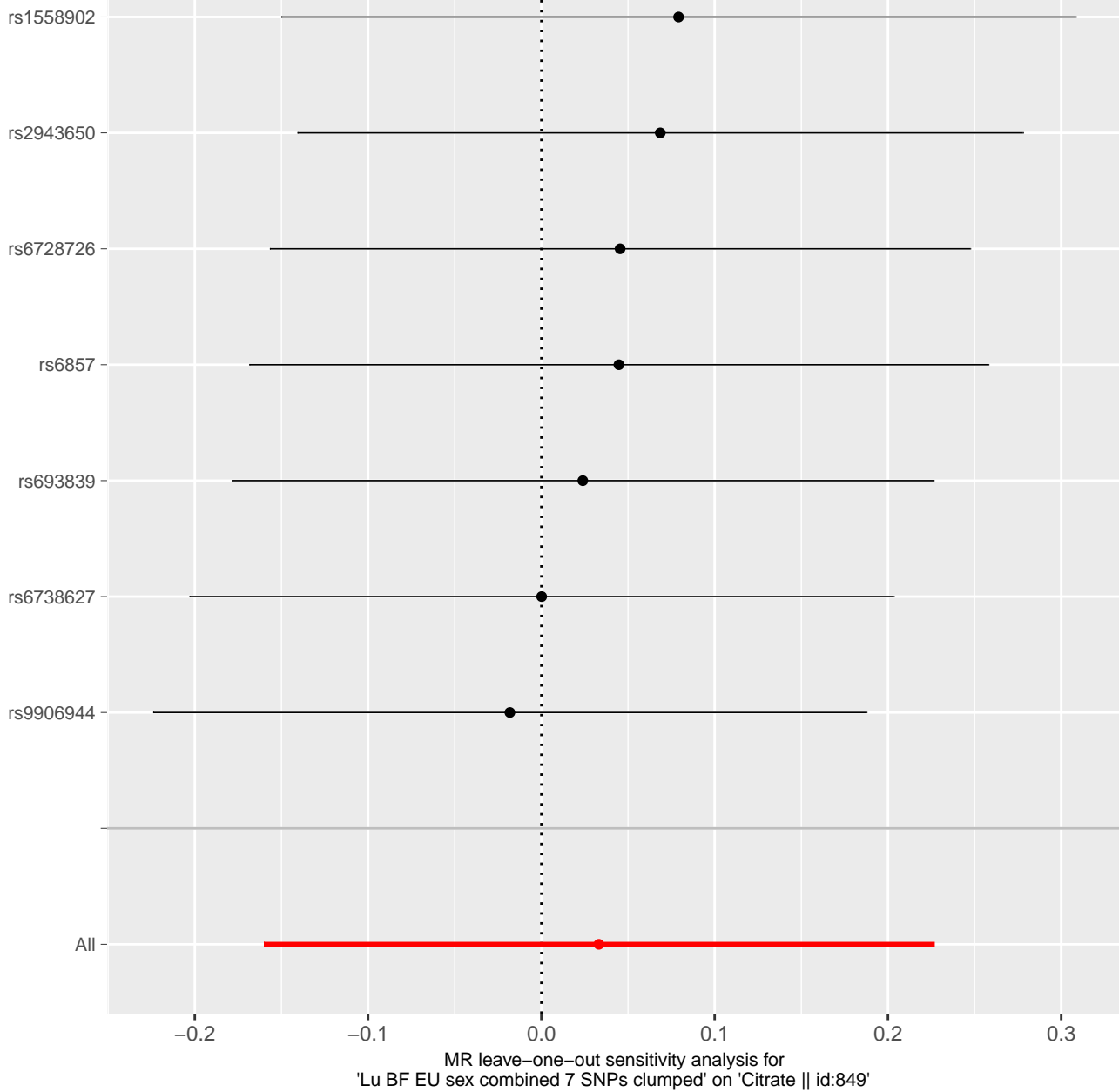




MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Average number of methylene groups per double bond || id:847'



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Average number of methylene groups in a fatty acid chain || id:848'



rs2943650

rs6738627

rs9906944

rs6728726

rs1558902

rs6857

rs693839

All

-0.2

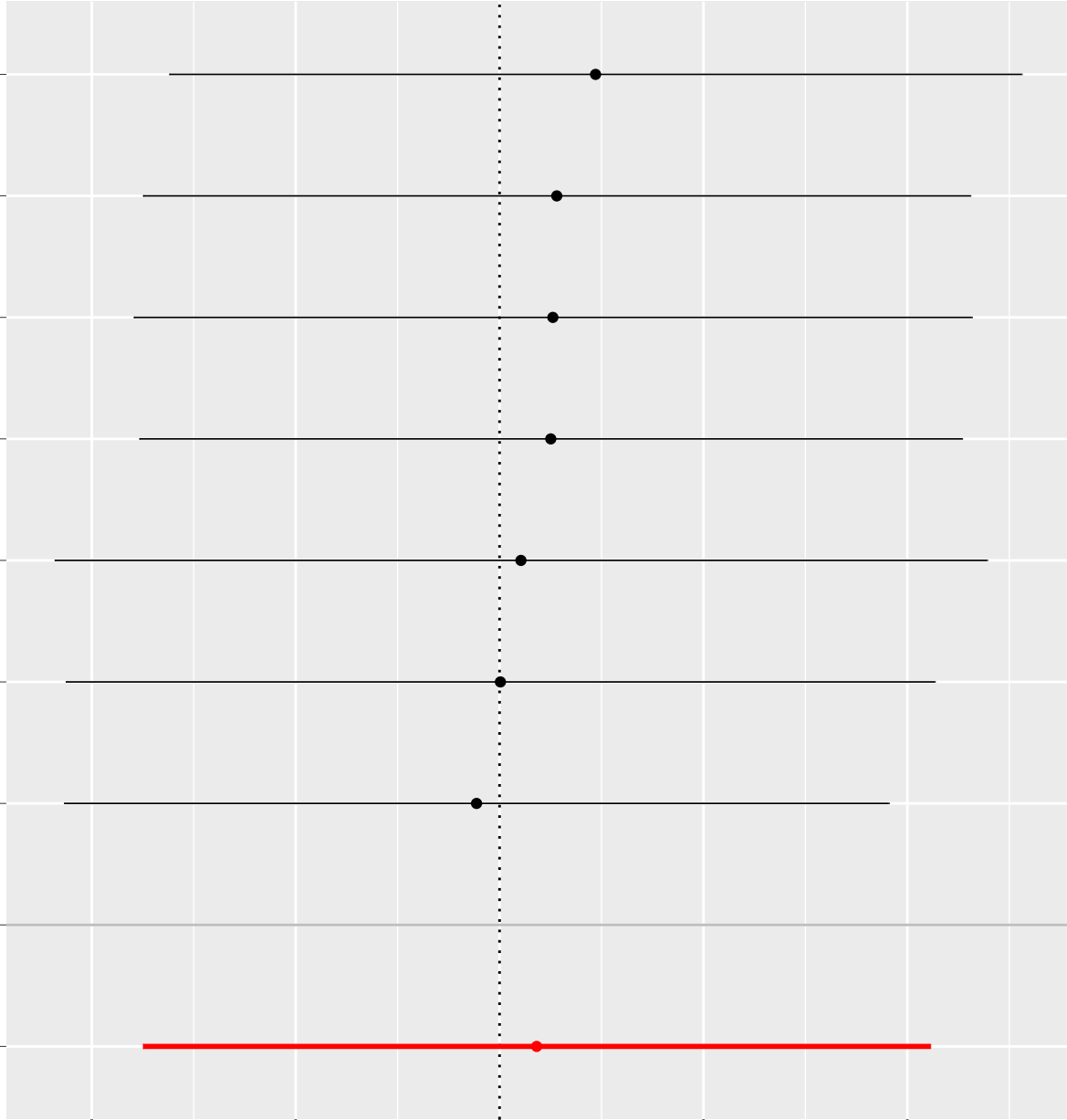
-0.1

0.0

0.1

0.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Creatinine || id:850'



rs6728726

rs693839

rs9906944

rs6738627

rs1558902

rs6857

rs2943650

All

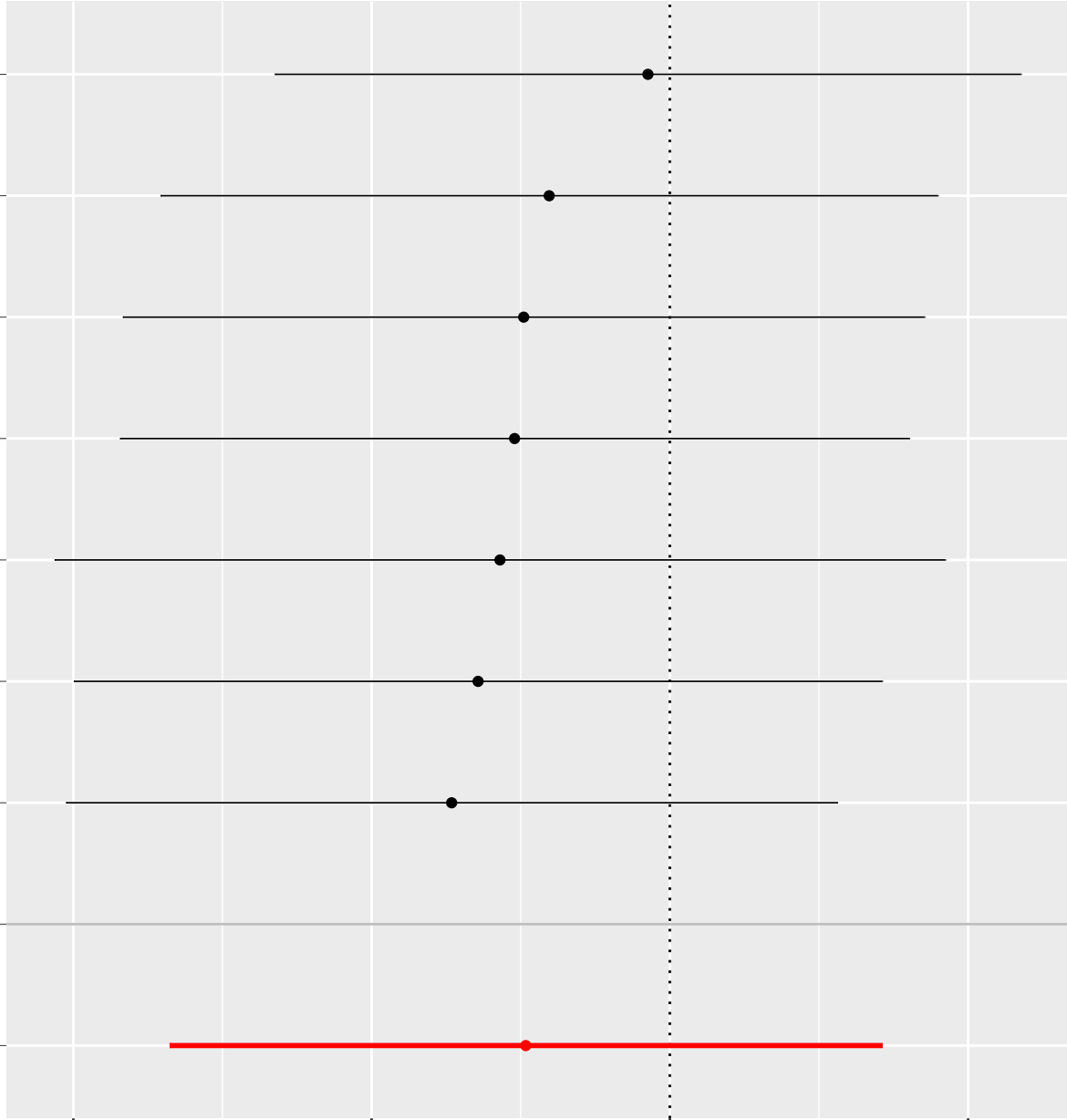
-0.4

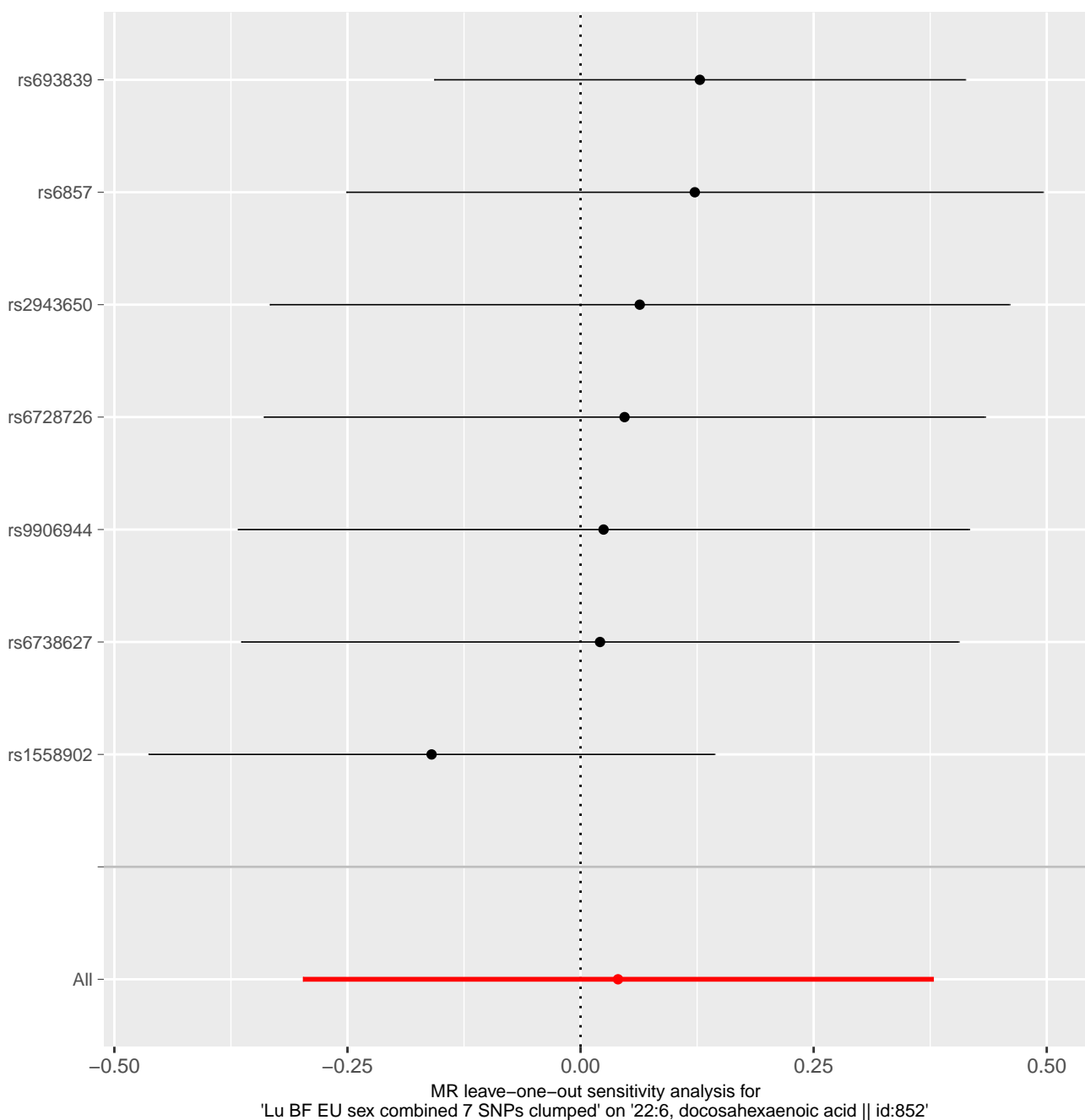
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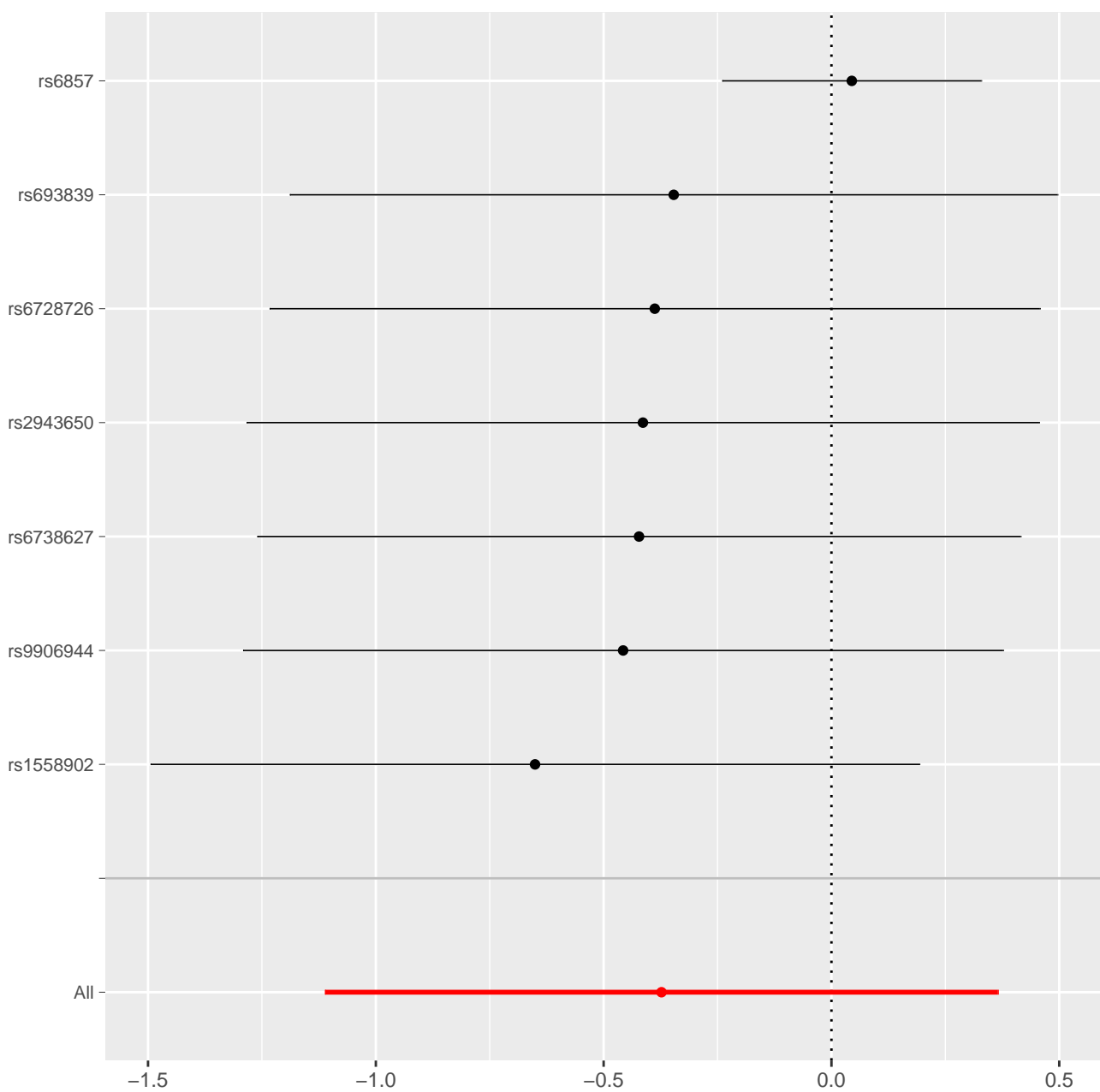
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0.2

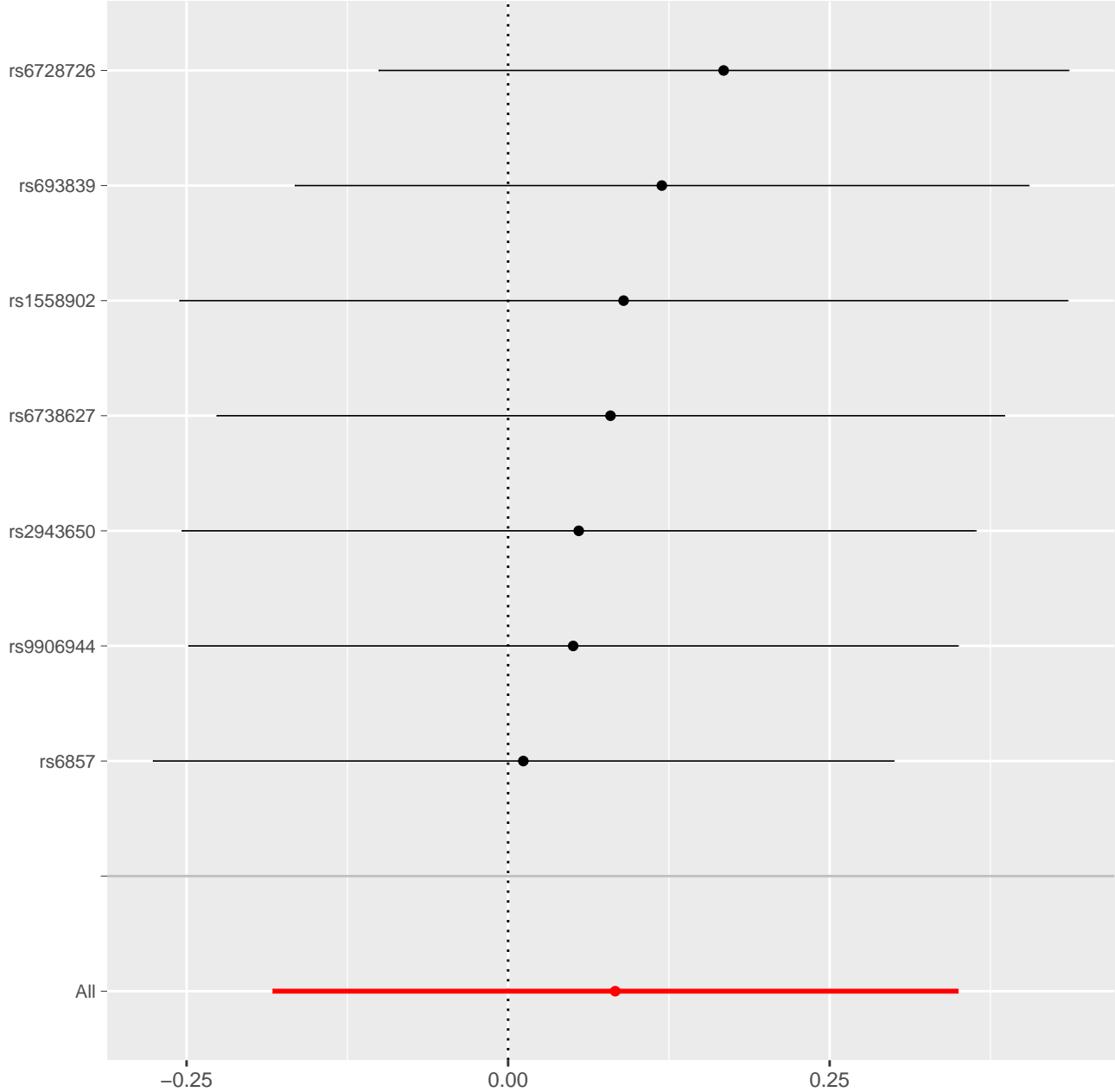
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Average number of double bonds in a fatty acid chain || id:851'



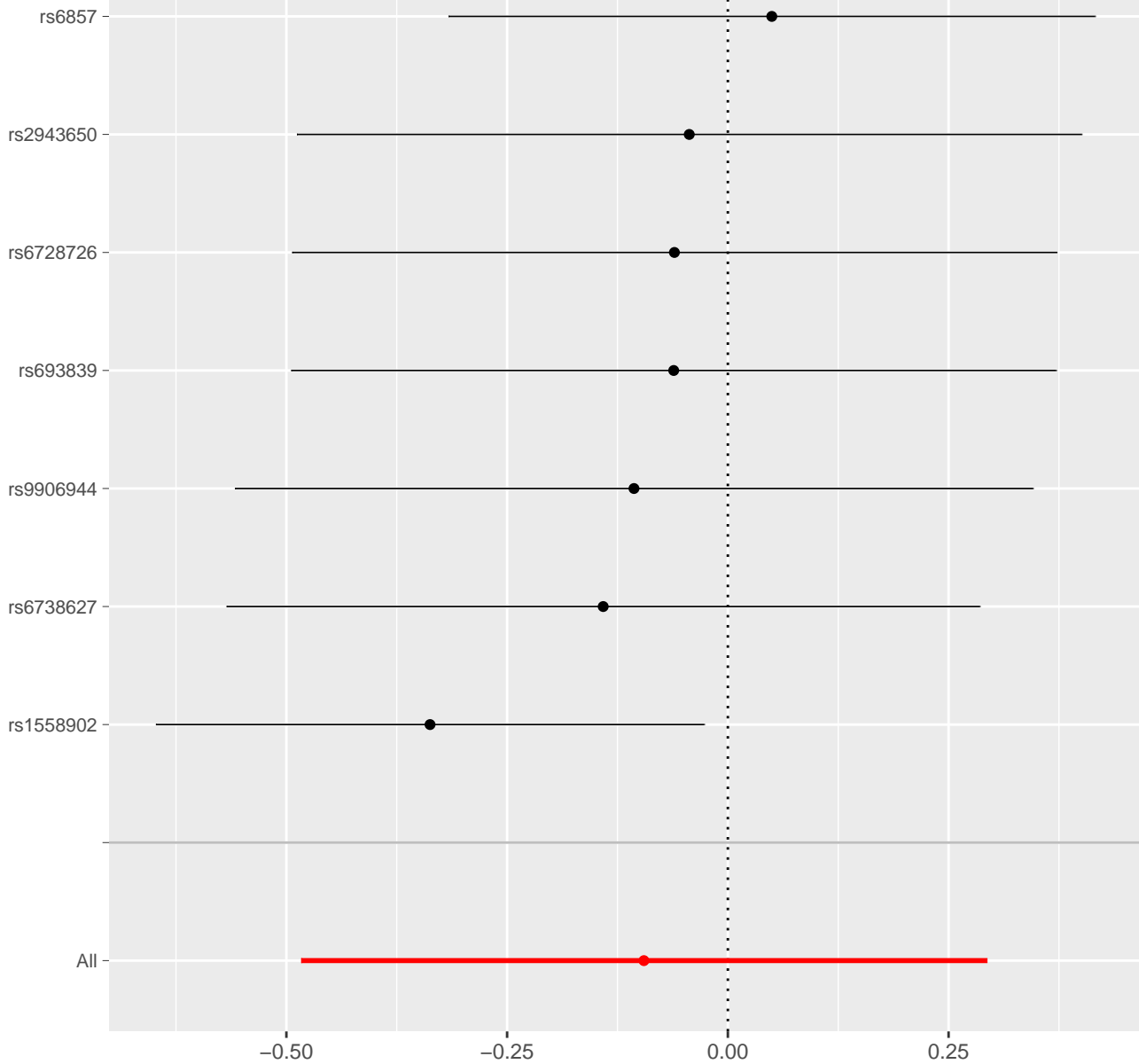




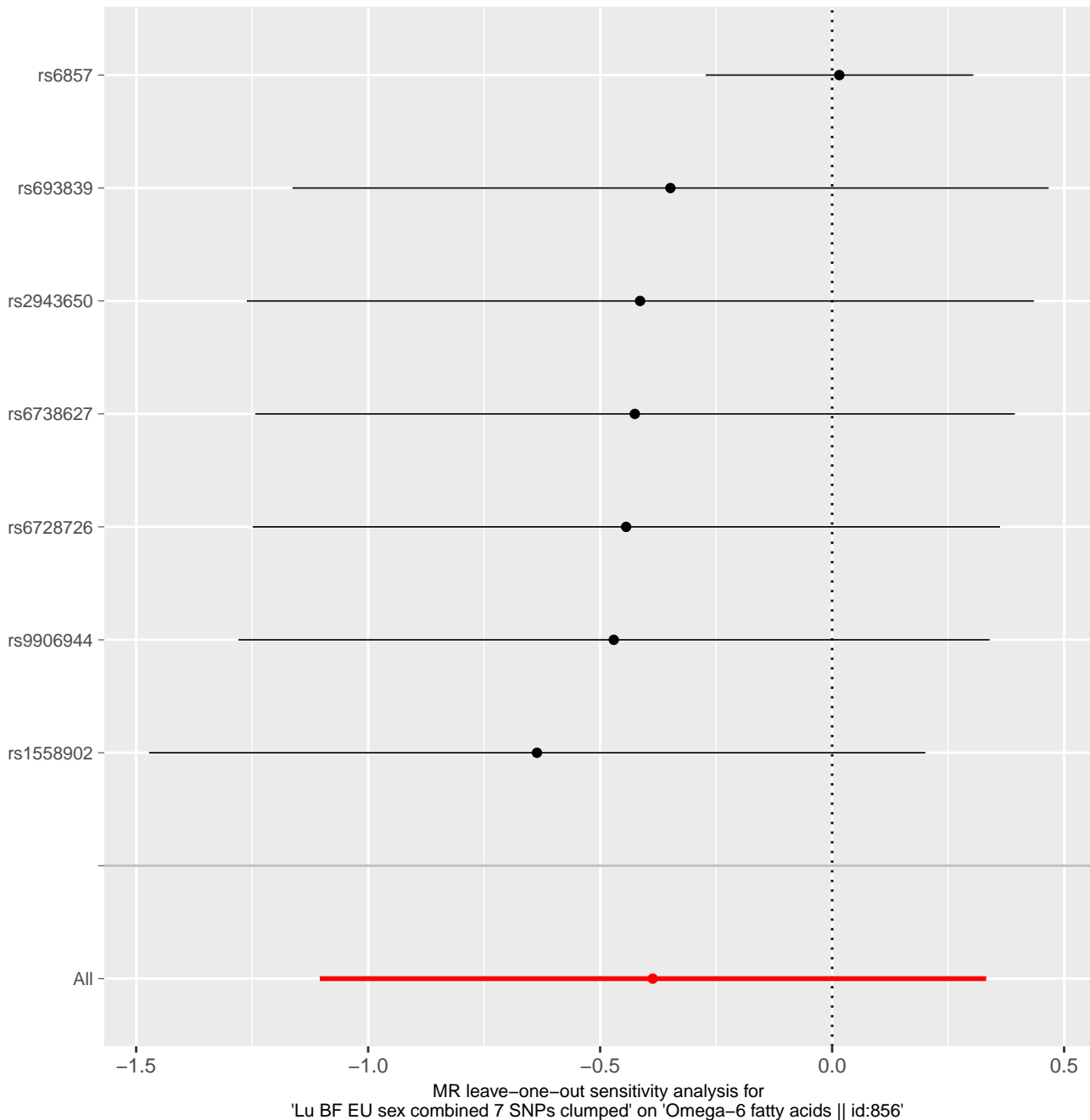


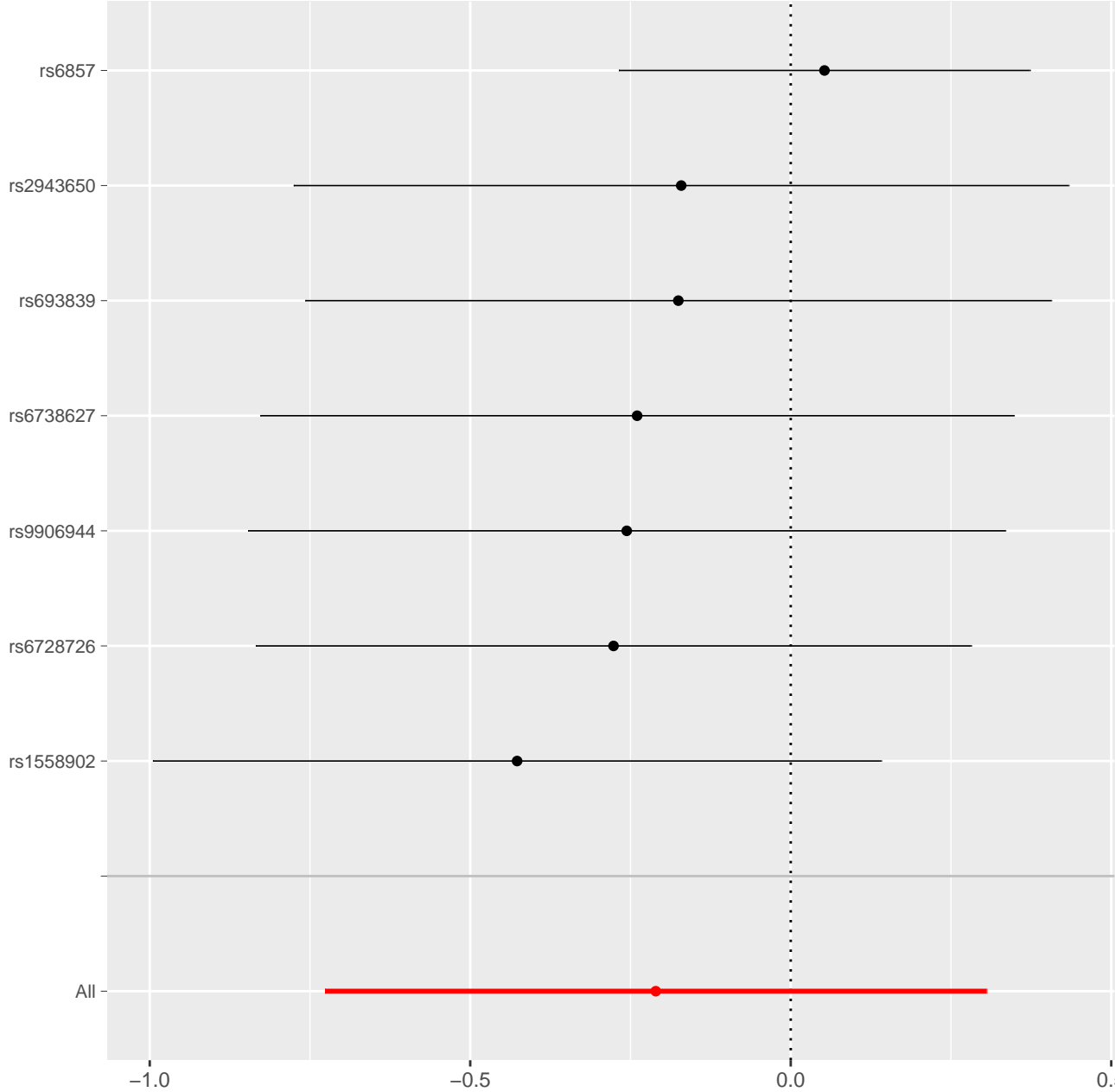


MR leave-one-out sensitivity analysis for 'Lu BF EU sex combined 7 SNPs clumped' on 'Description of average fatty acid chain length, not actual carbon number || id:854'

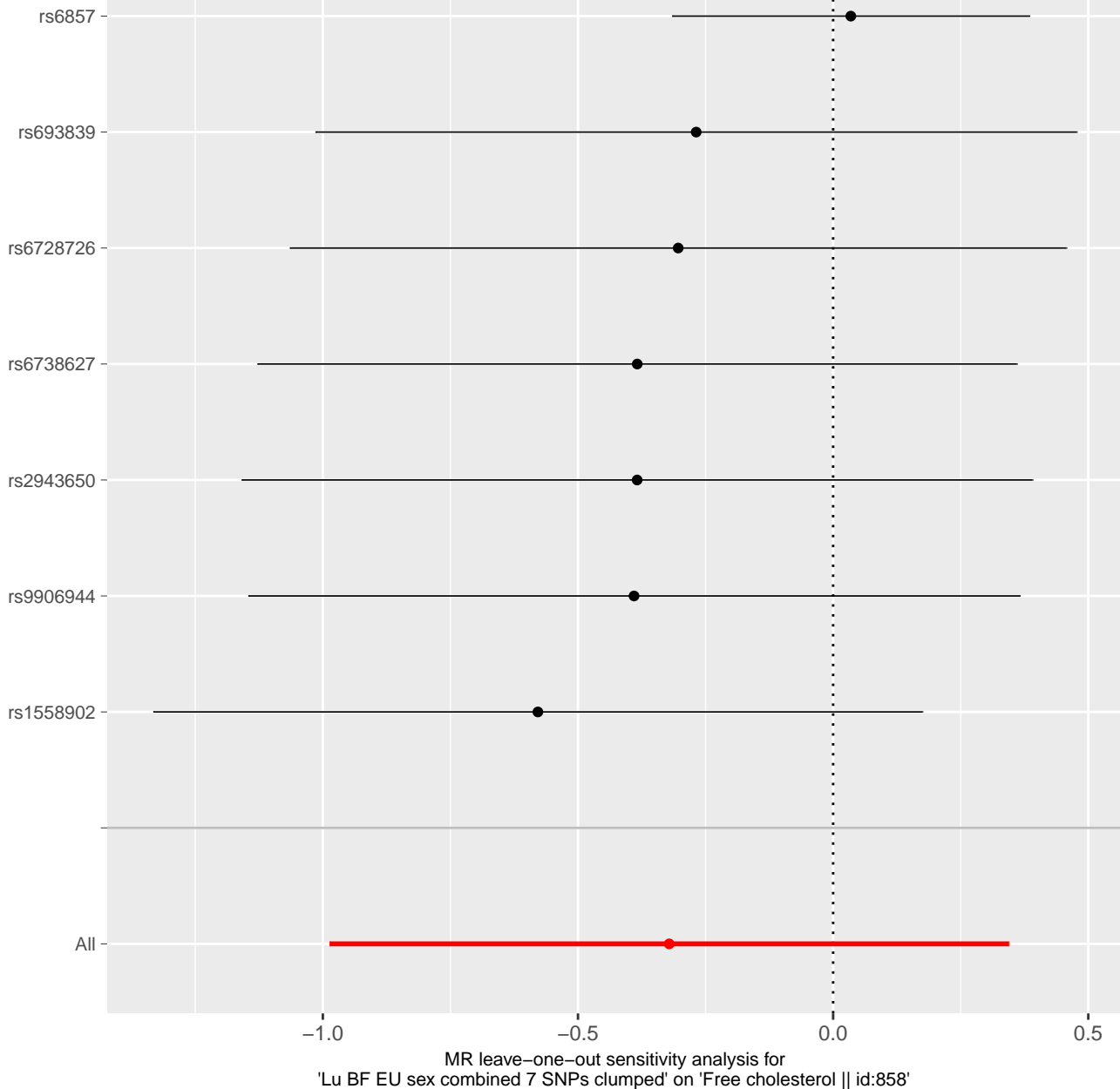


MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Omega-3 fatty acids || id:855'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Omega-7, omega-9 and saturated fatty acids || id:857'



rs6738627

rs2943650

rs693839

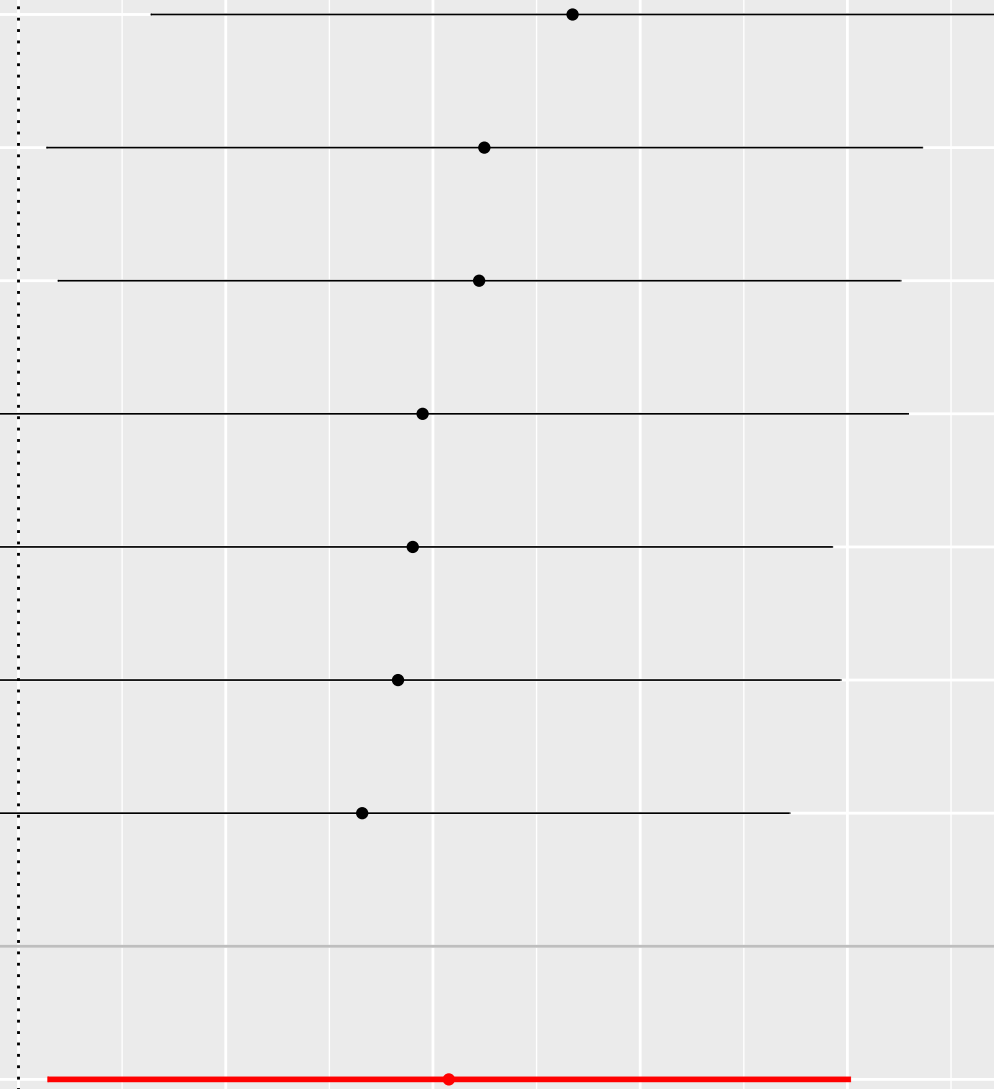
rs1558902

rs6728726

rs6857

rs9906944

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Glucose || id:859'

rs6728726

rs1558902

rs6857

rs6738627

rs9906944

rs693839

rs2943650

All

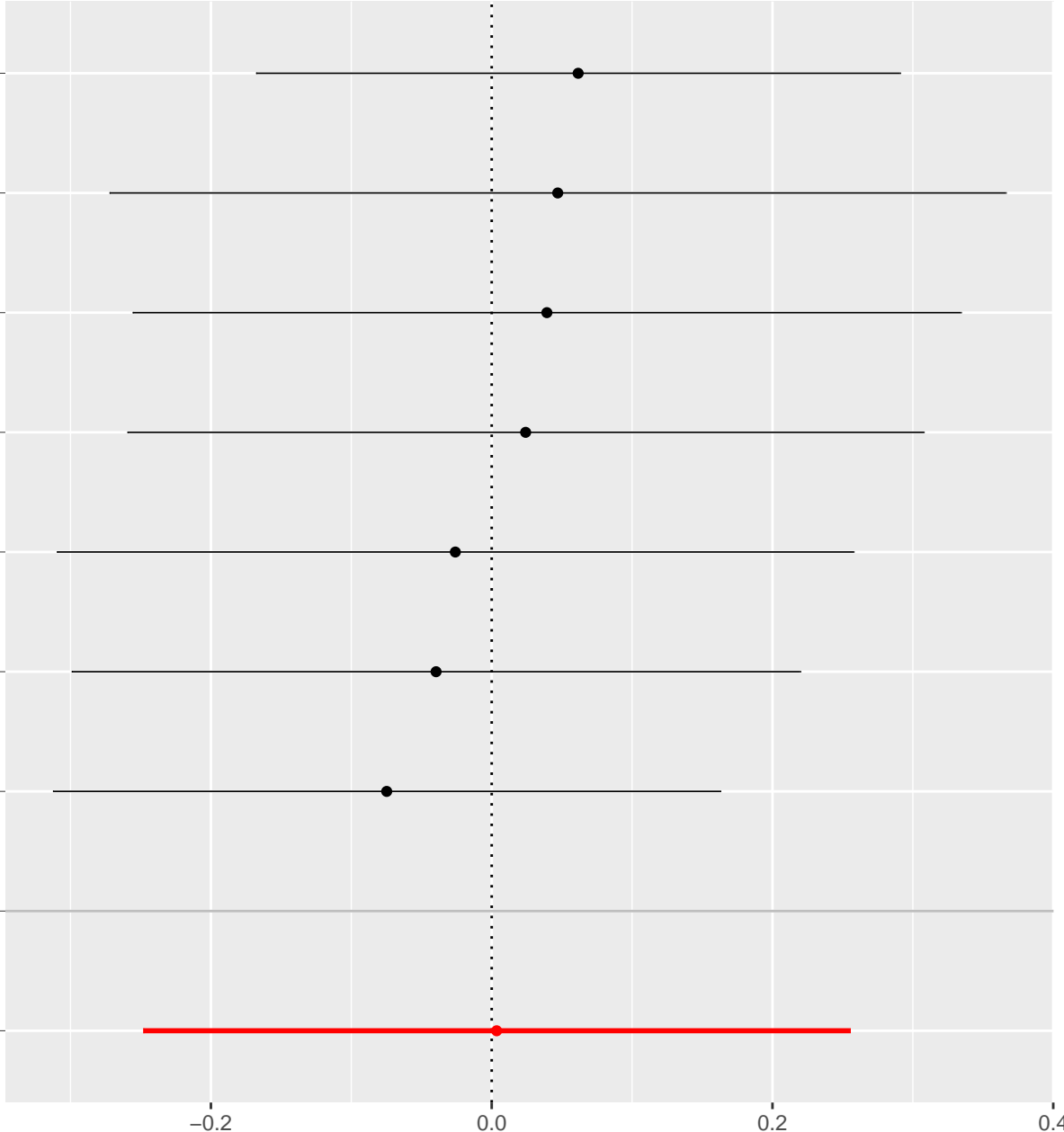
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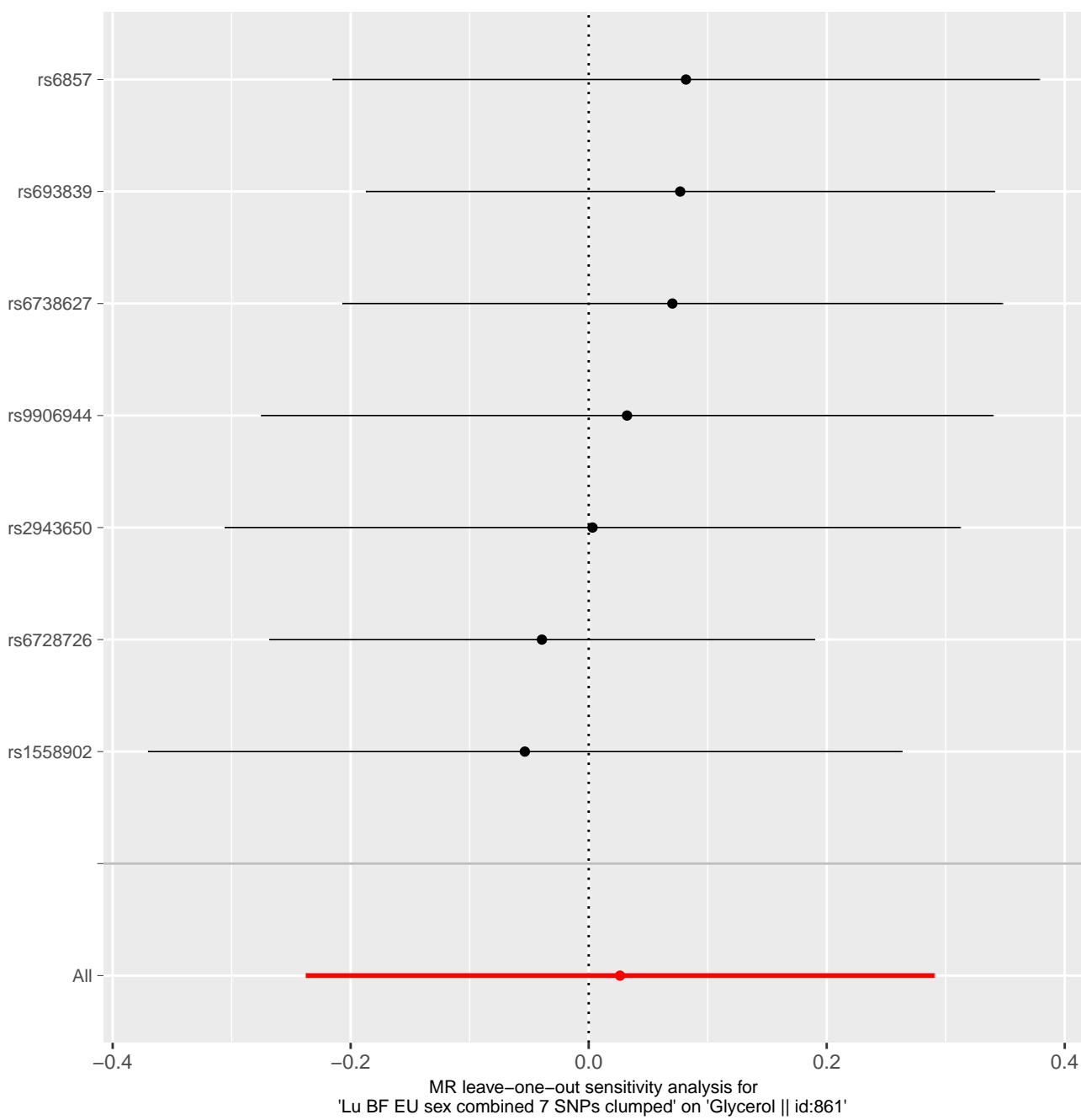
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0.2

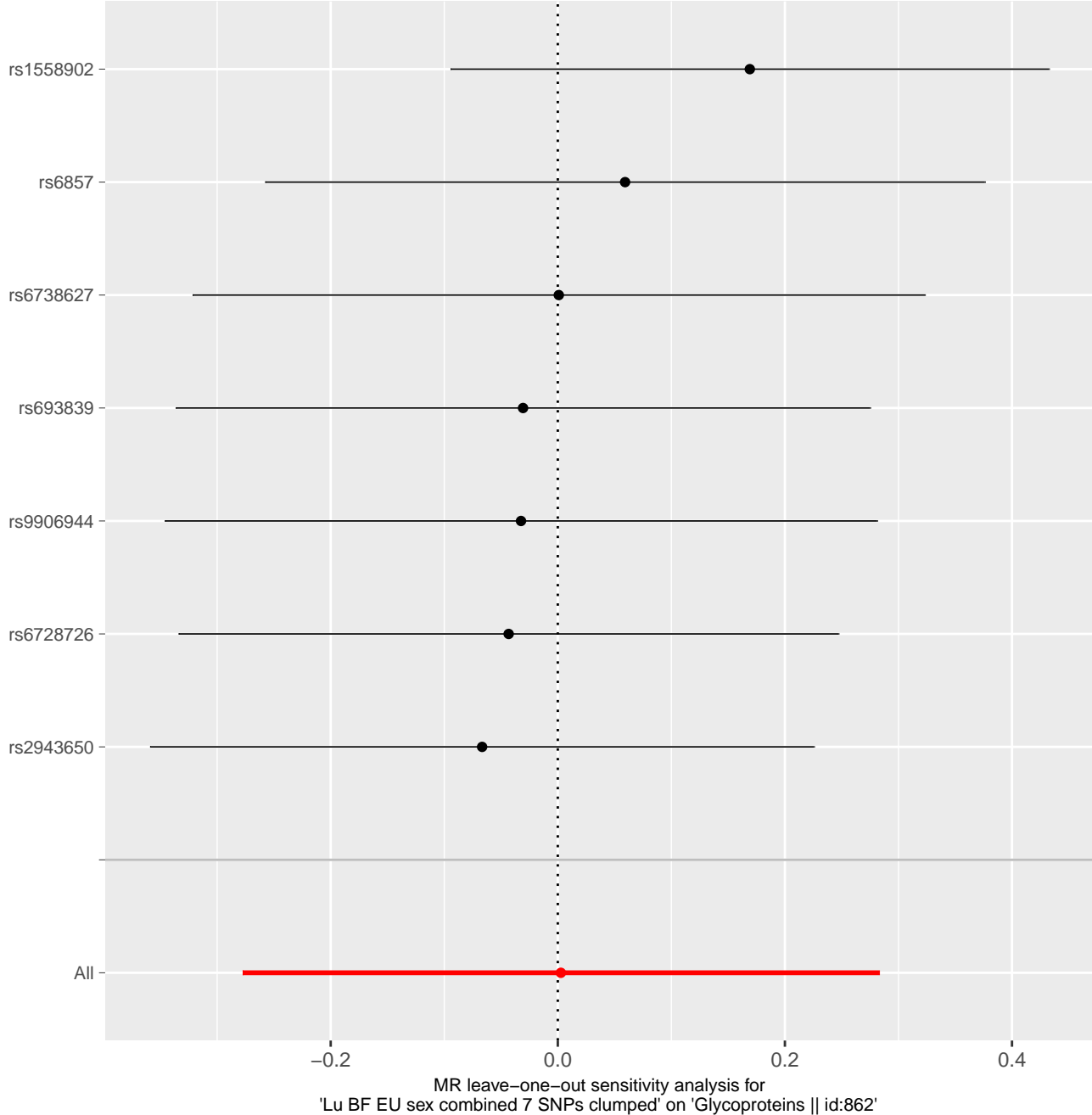
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MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Glutamine || id:860'









rs6857

rs693839

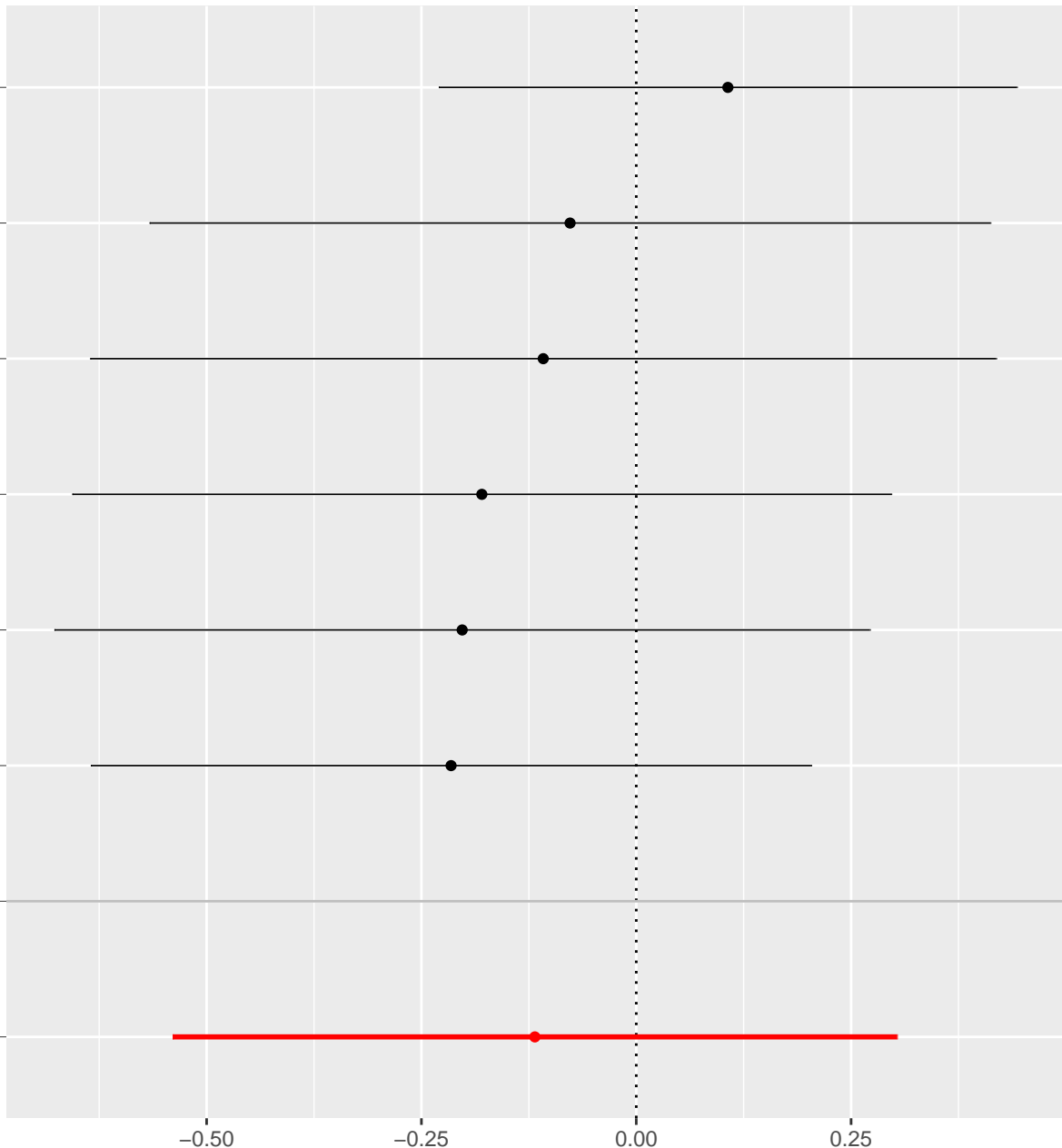
rs2943650

rs6738627

rs9906944

rs6728726

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Glycoprotein acetyls || id:863'

rs1558902

rs9906944

rs6728726

rs693839

rs6738627

rs6857

rs2943650

All

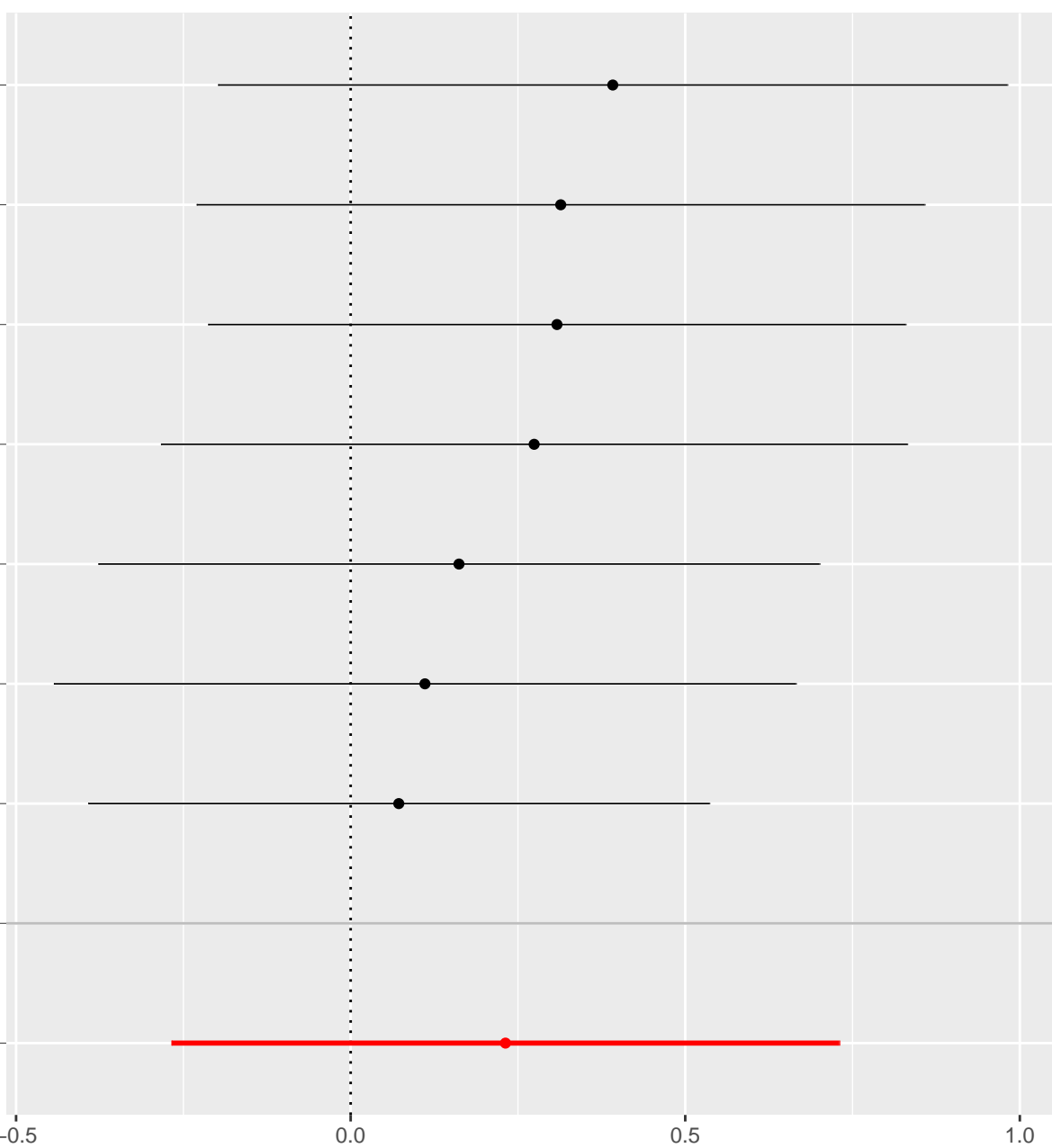
-0.5

0.0

0.5

1.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total cholesterol in HDL || id:864'



rs9906944

rs6728726

rs693839

rs6738627

rs2943650

rs6857

All

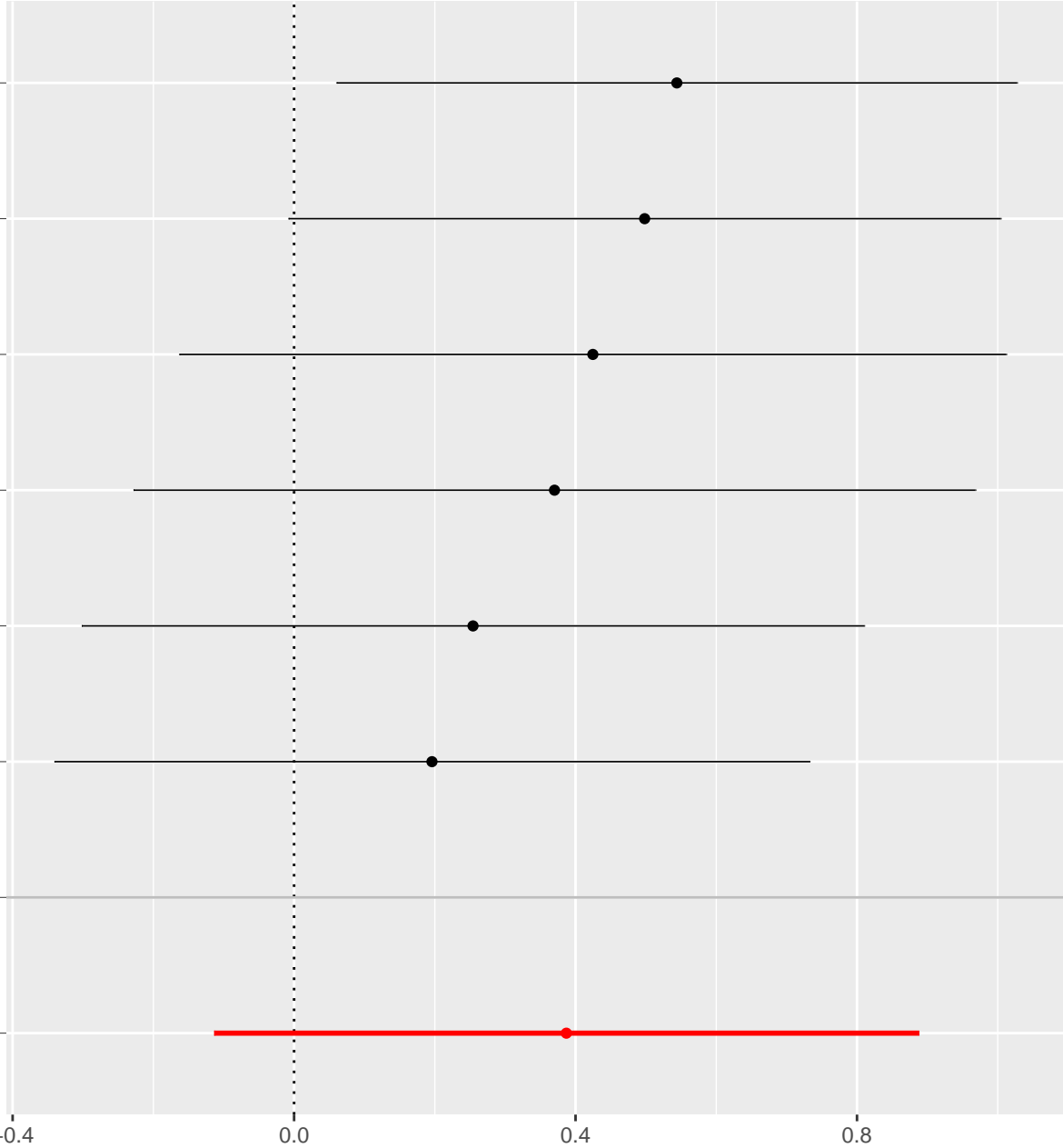
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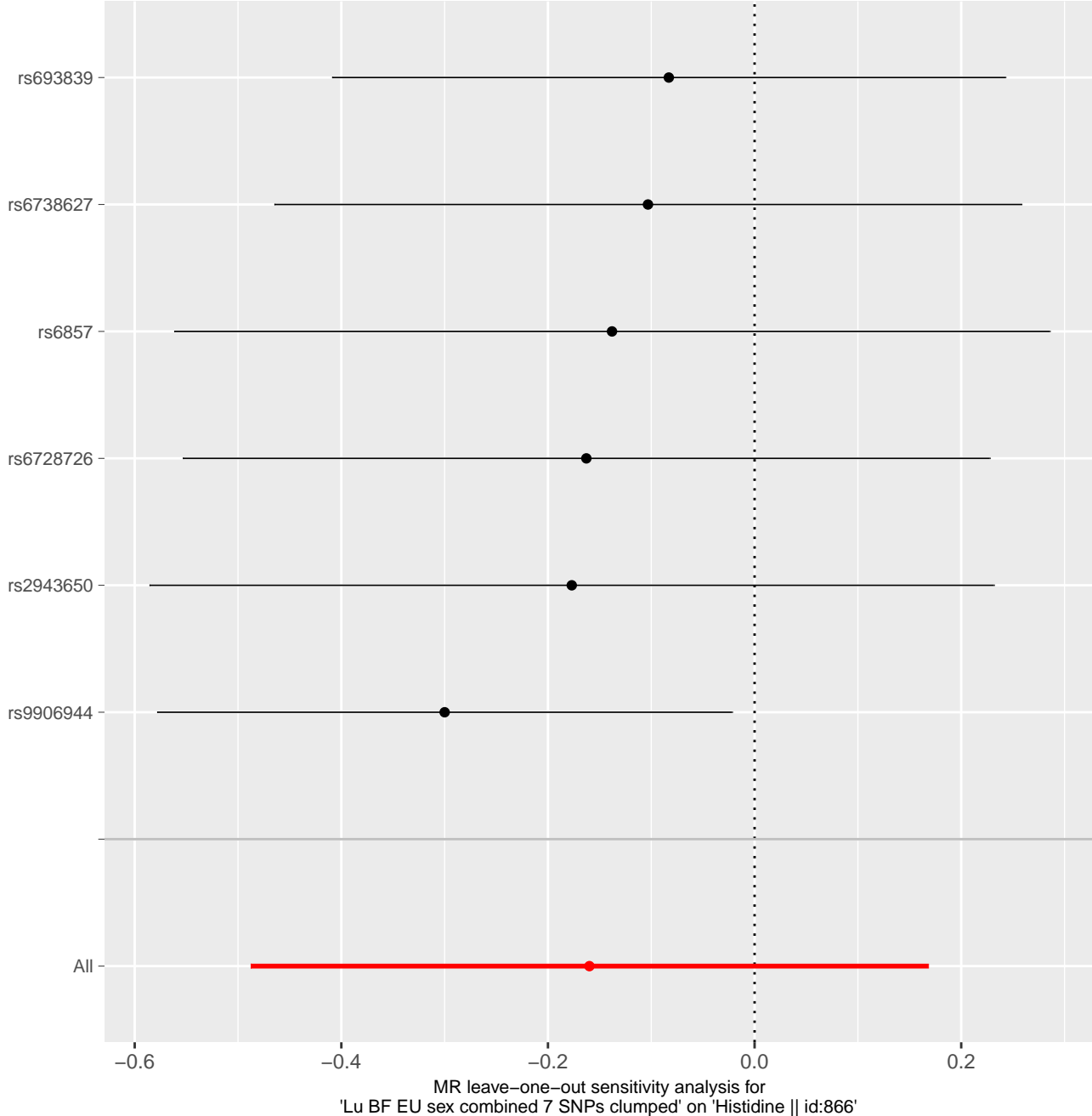
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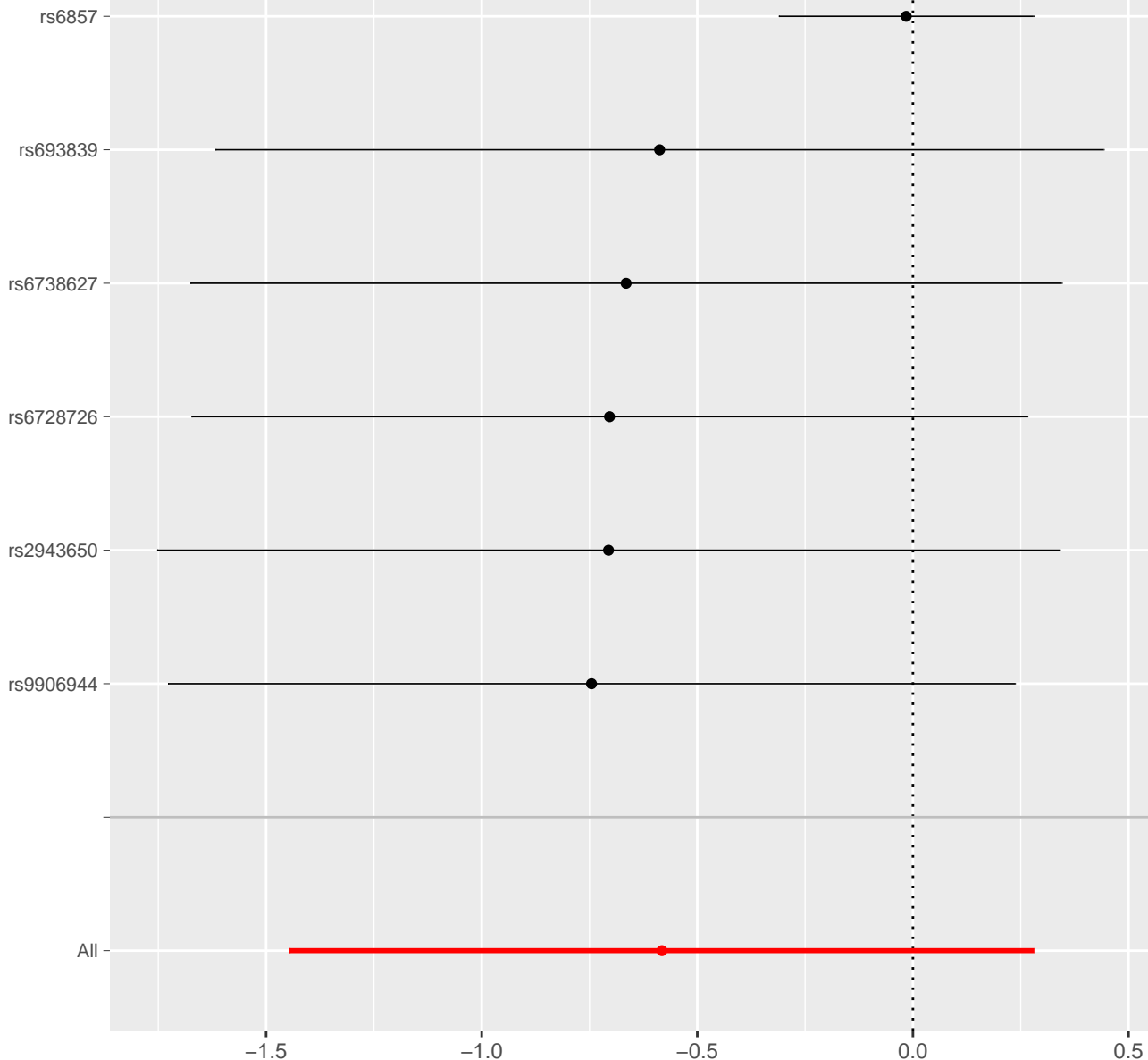
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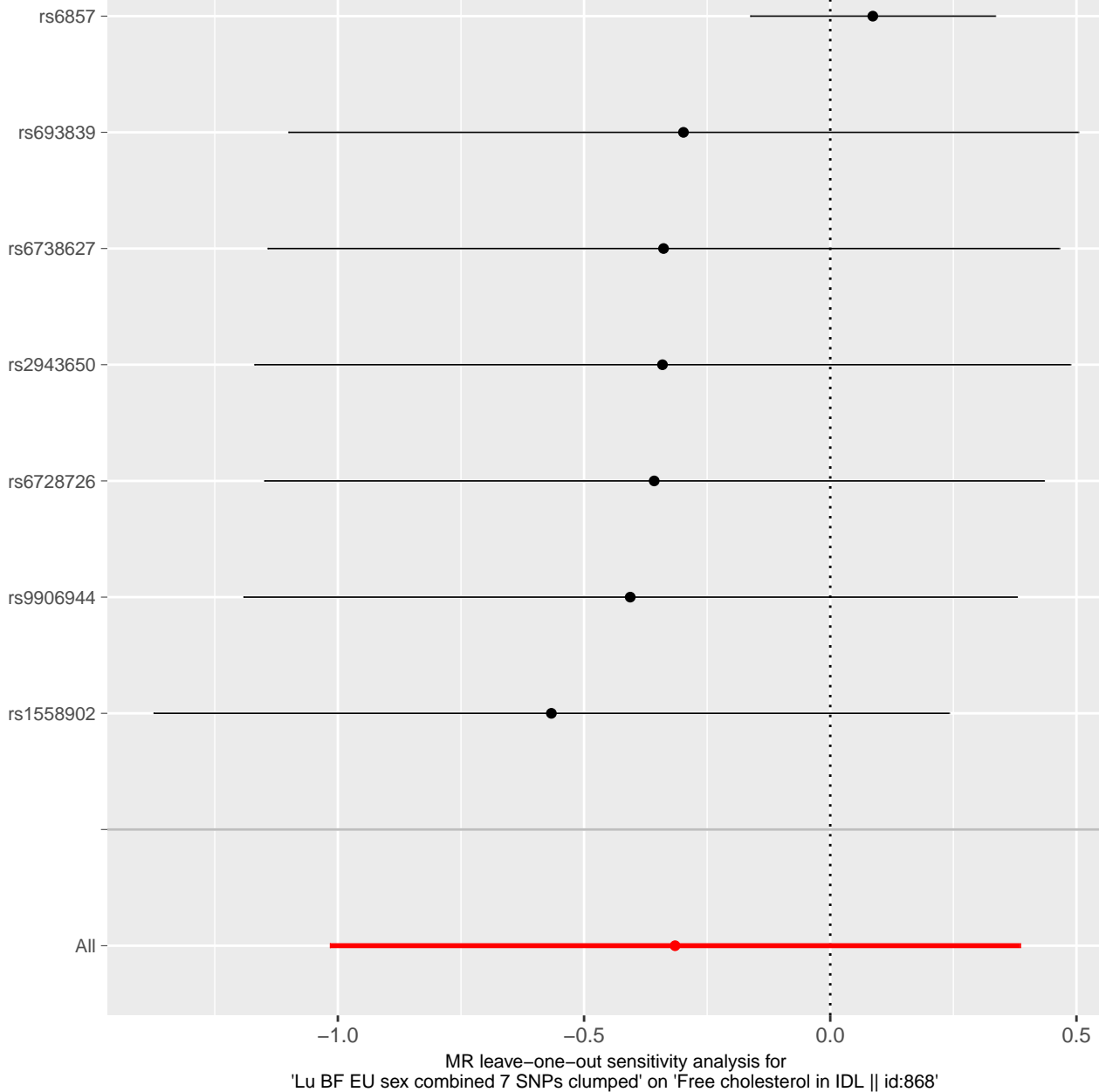
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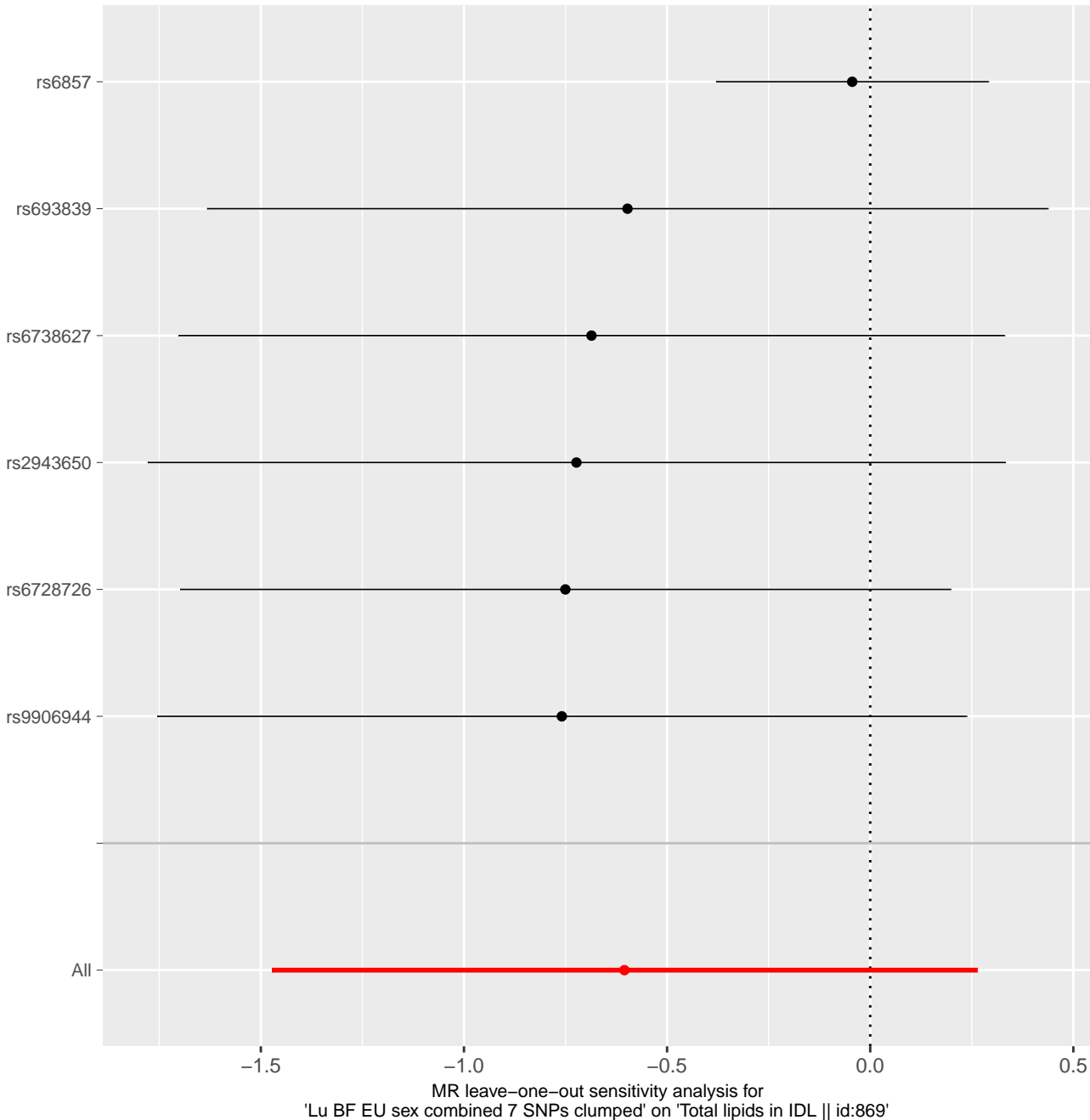
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Mean diameter for HDL particles || id:865'



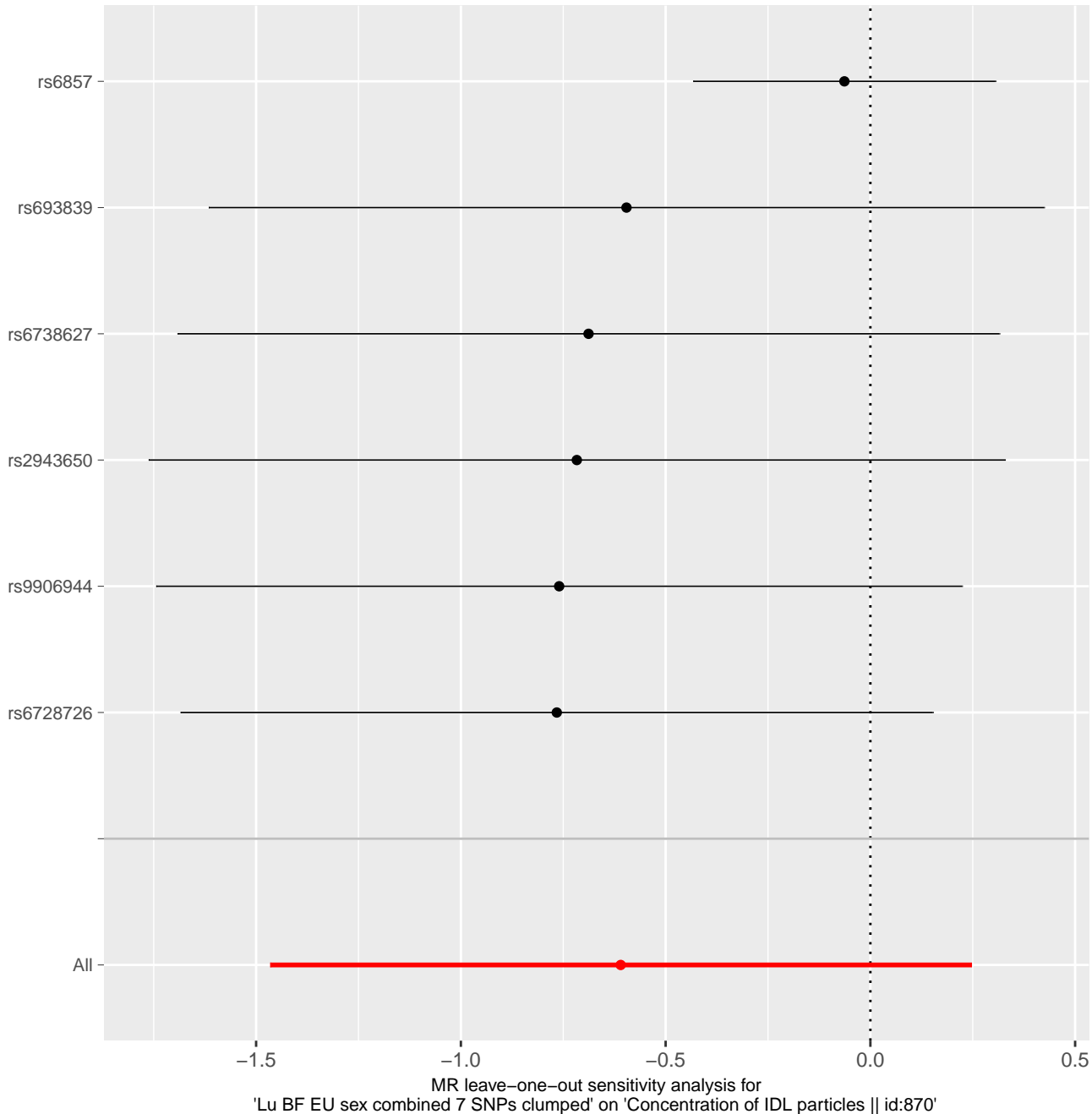


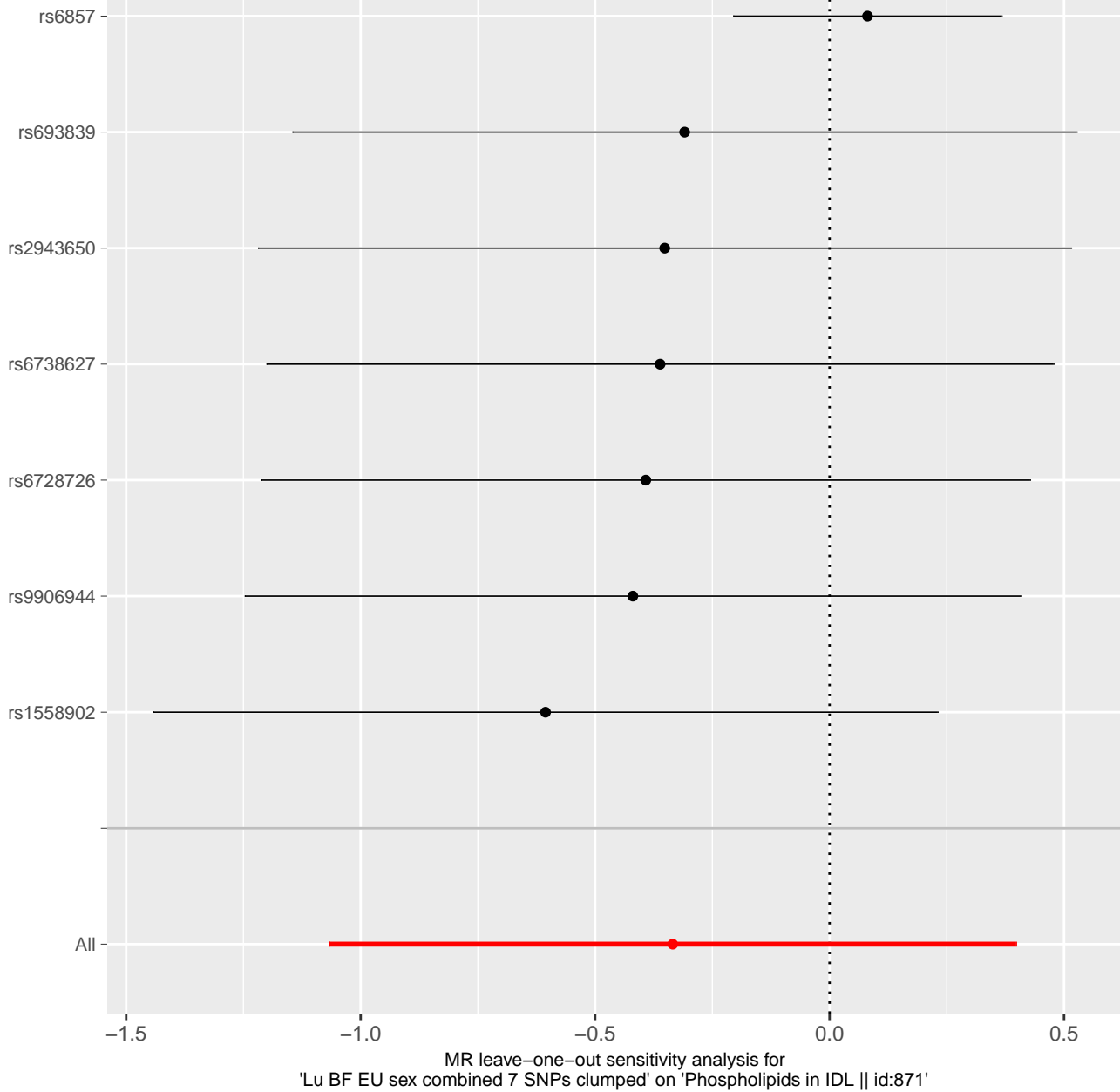


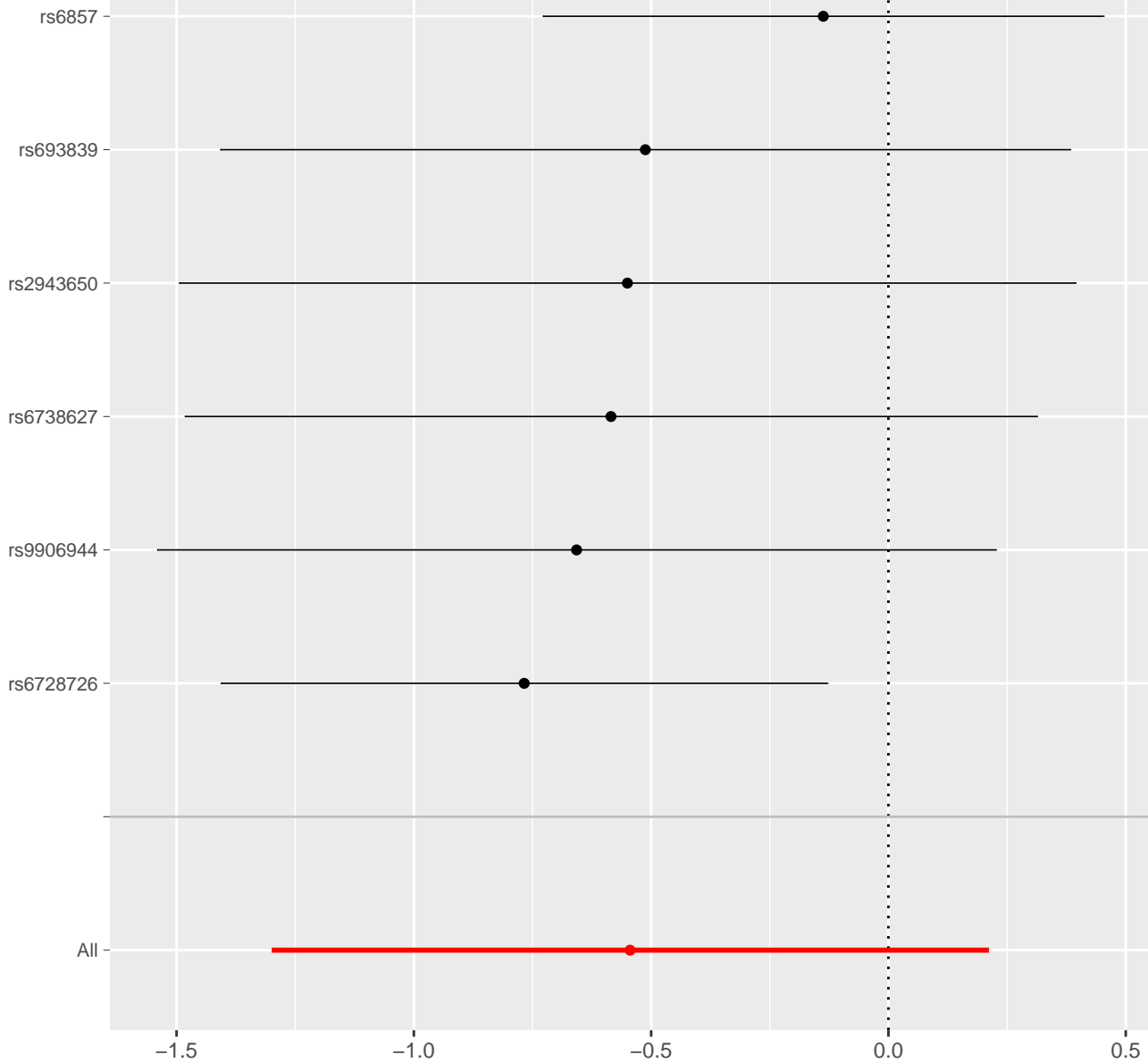












MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Triglycerides in IDL || id:872'

rs2943650

rs6857

rs6738627

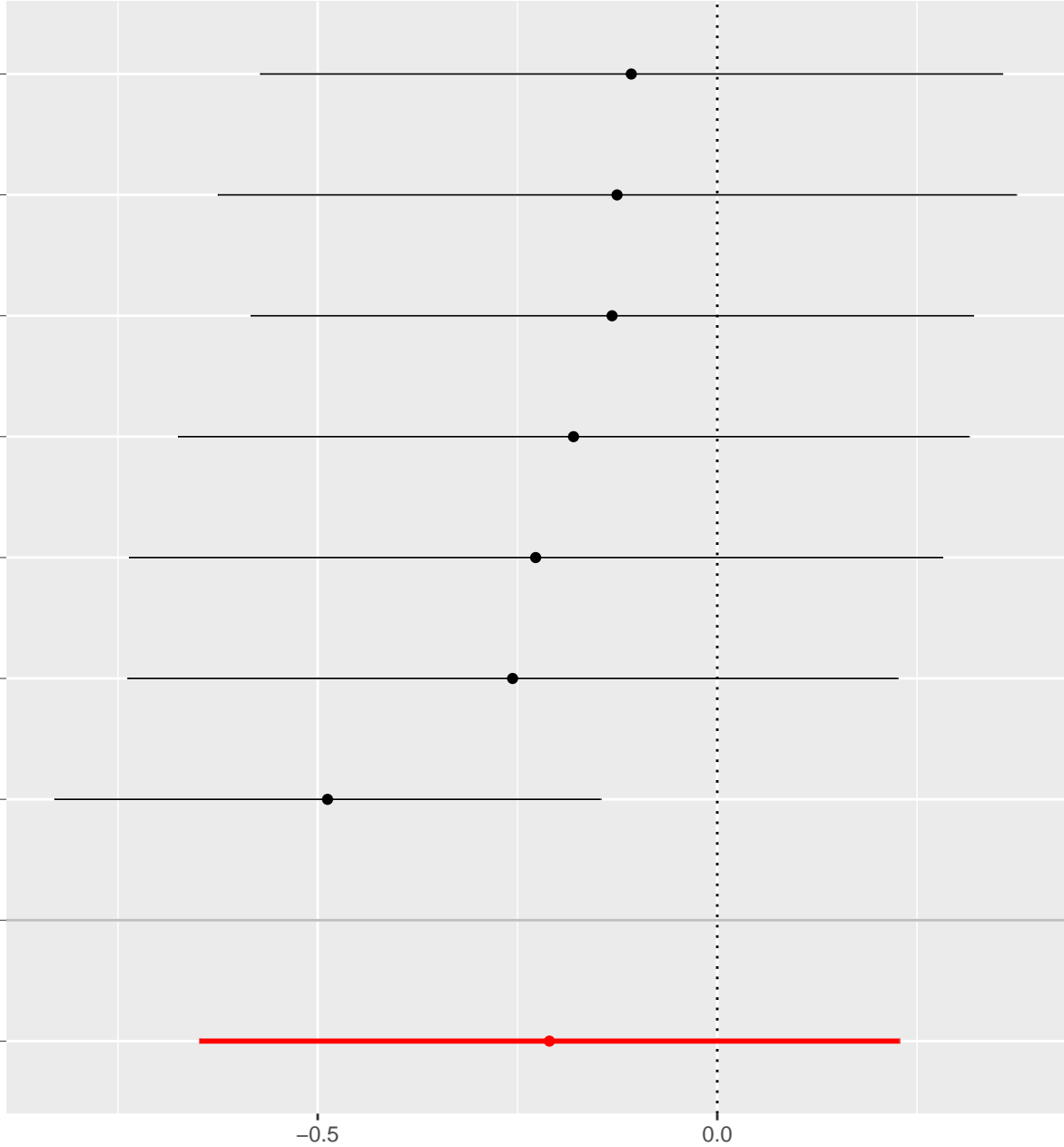
rs693839

rs9906944

rs6728726

rs1558902

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Isoleucine || id:873'

rs1558902

rs6728726

rs9906944

rs693839

rs6738627

rs2943650

rs6857

All

-0.4

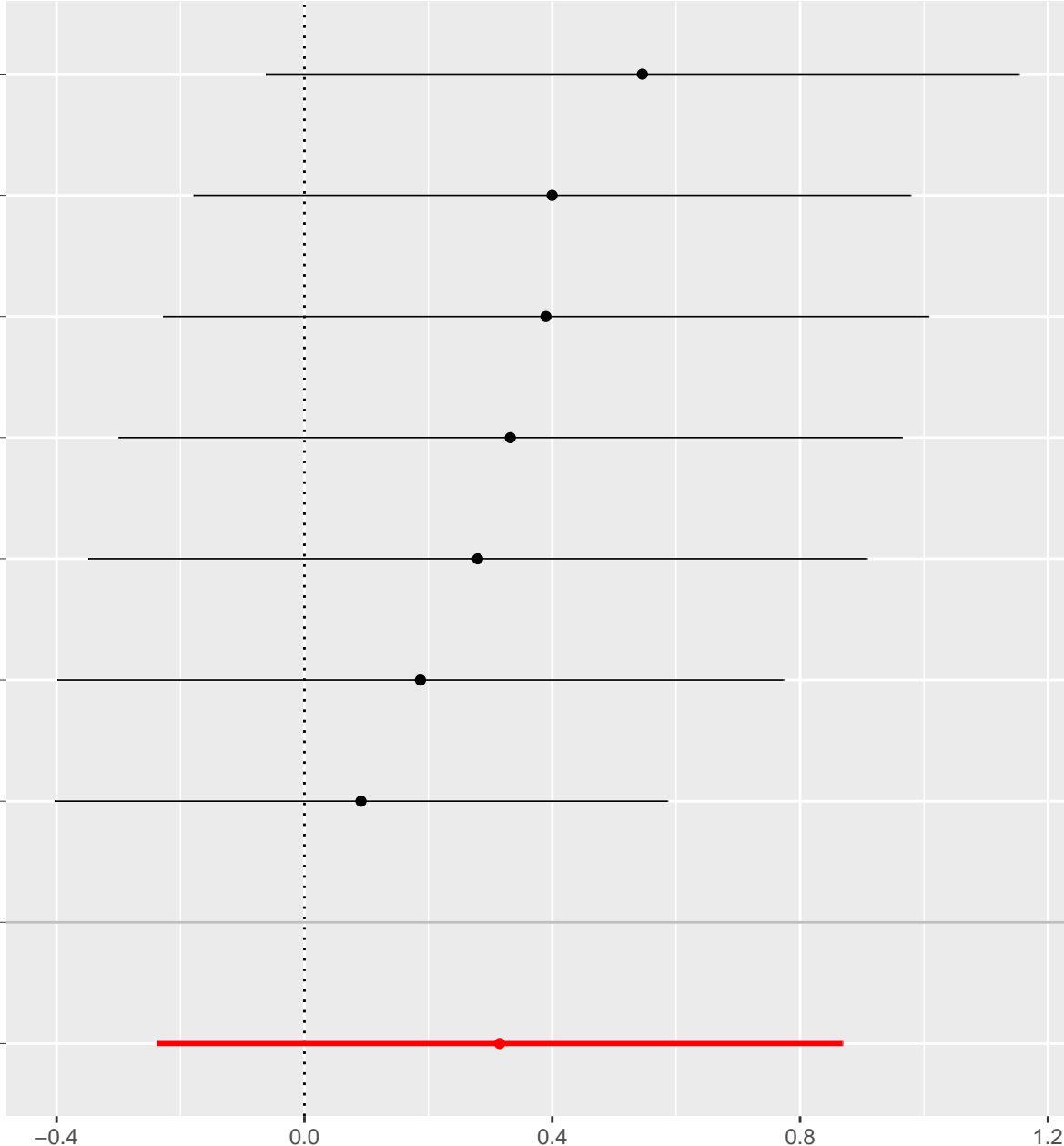
0.0

0.4

0.8

1.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total cholesterol in large HDL || id:874'



rs9906944

rs6728726

rs693839

rs6738627

rs2943650

rs6857

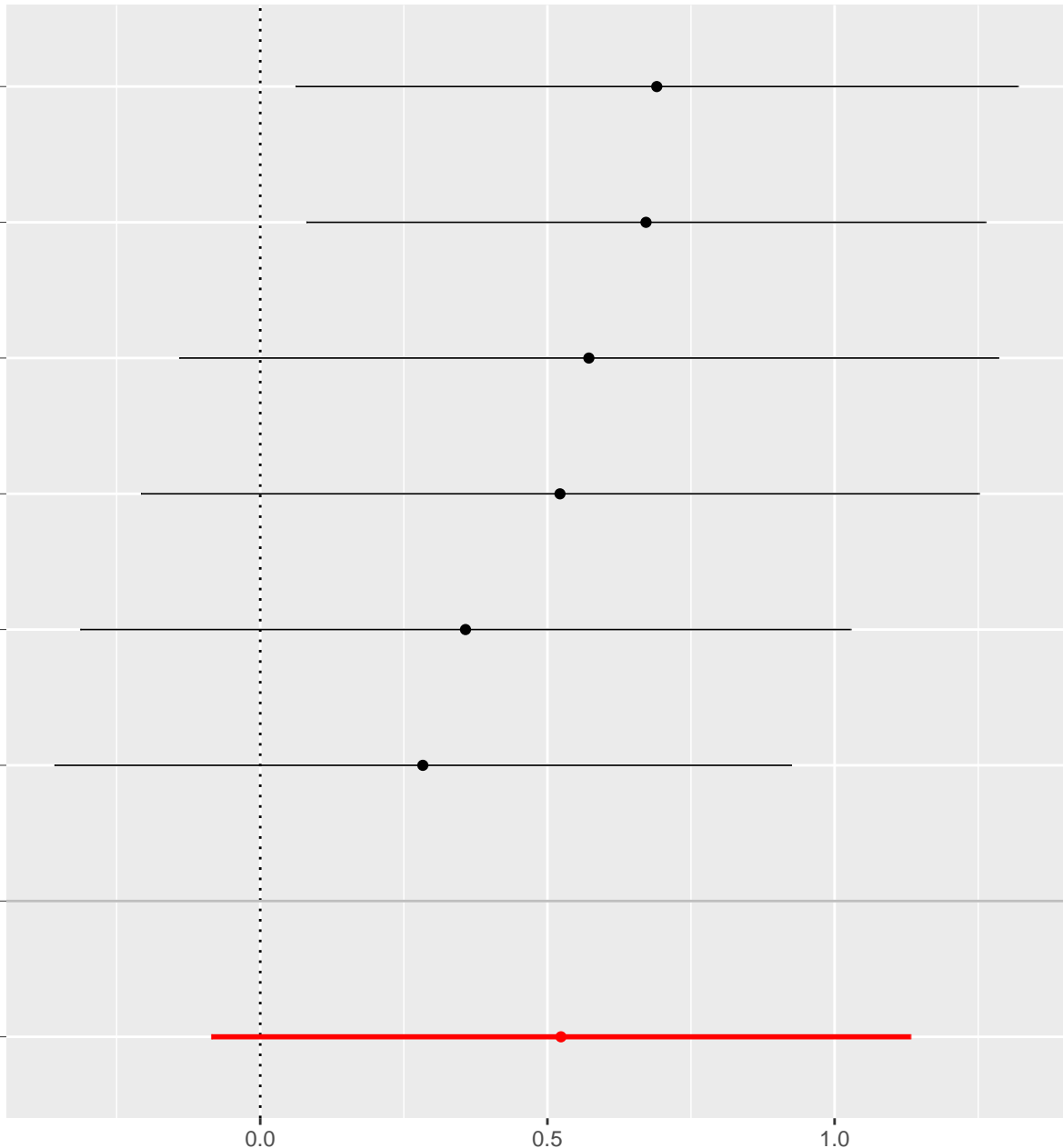
All

0.0

0.5

1.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Cholesterol esters in large HDL || id:875'



rs1558902

rs6728726

rs9906944

rs693839

rs6738627

rs2943650

rs6857

All

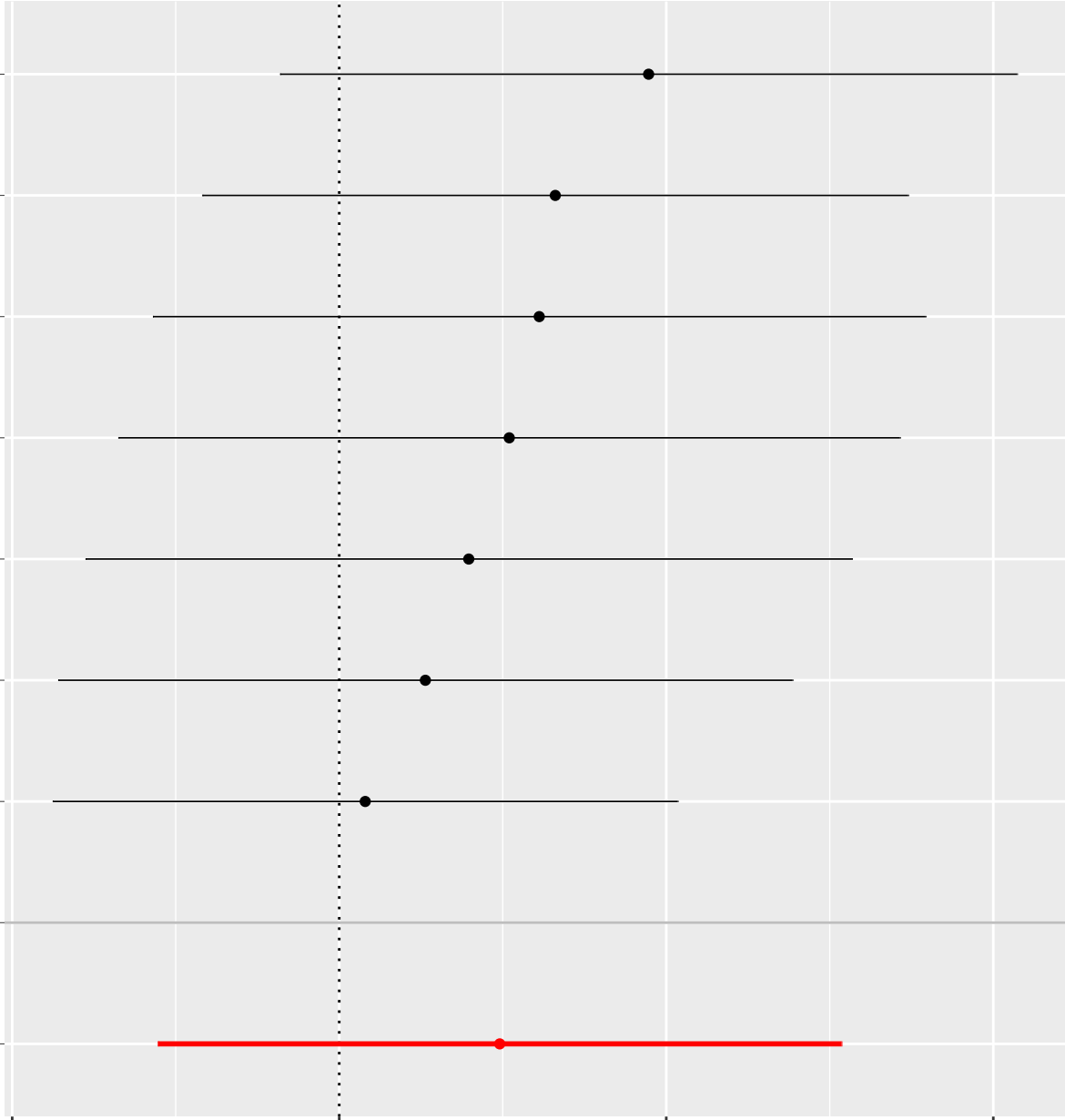
-0.5

0.0

0.5

1.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Free cholesterol in large HDL || id:876'



rs9906944

rs6728726

rs693839

rs6738627

rs2943650

rs6857

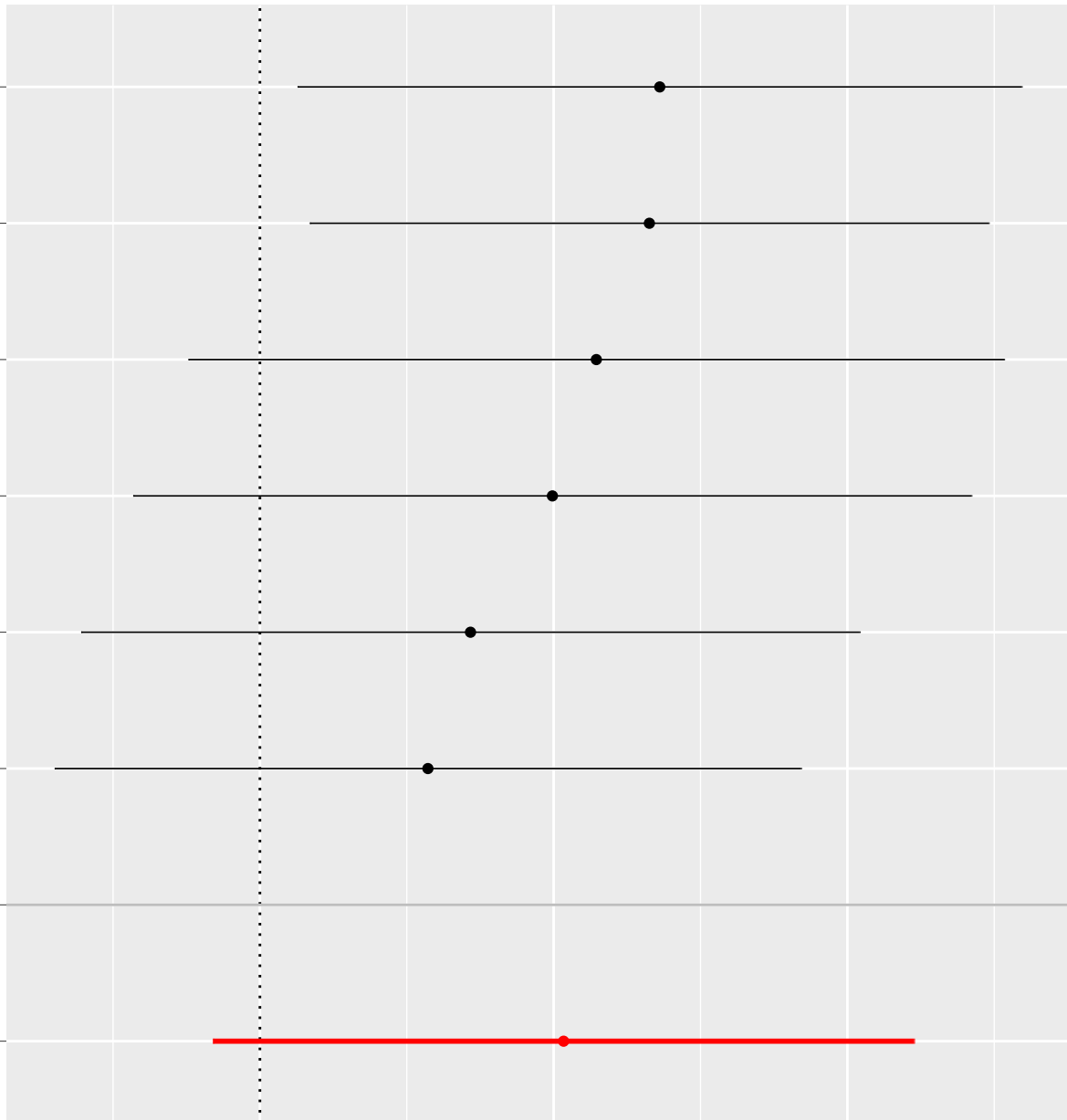
All

0.0

0.5

1.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total lipids in large HDL || id:877'





rs9906944

rs6728726

rs693839

rs6738627

rs2943650

rs6857

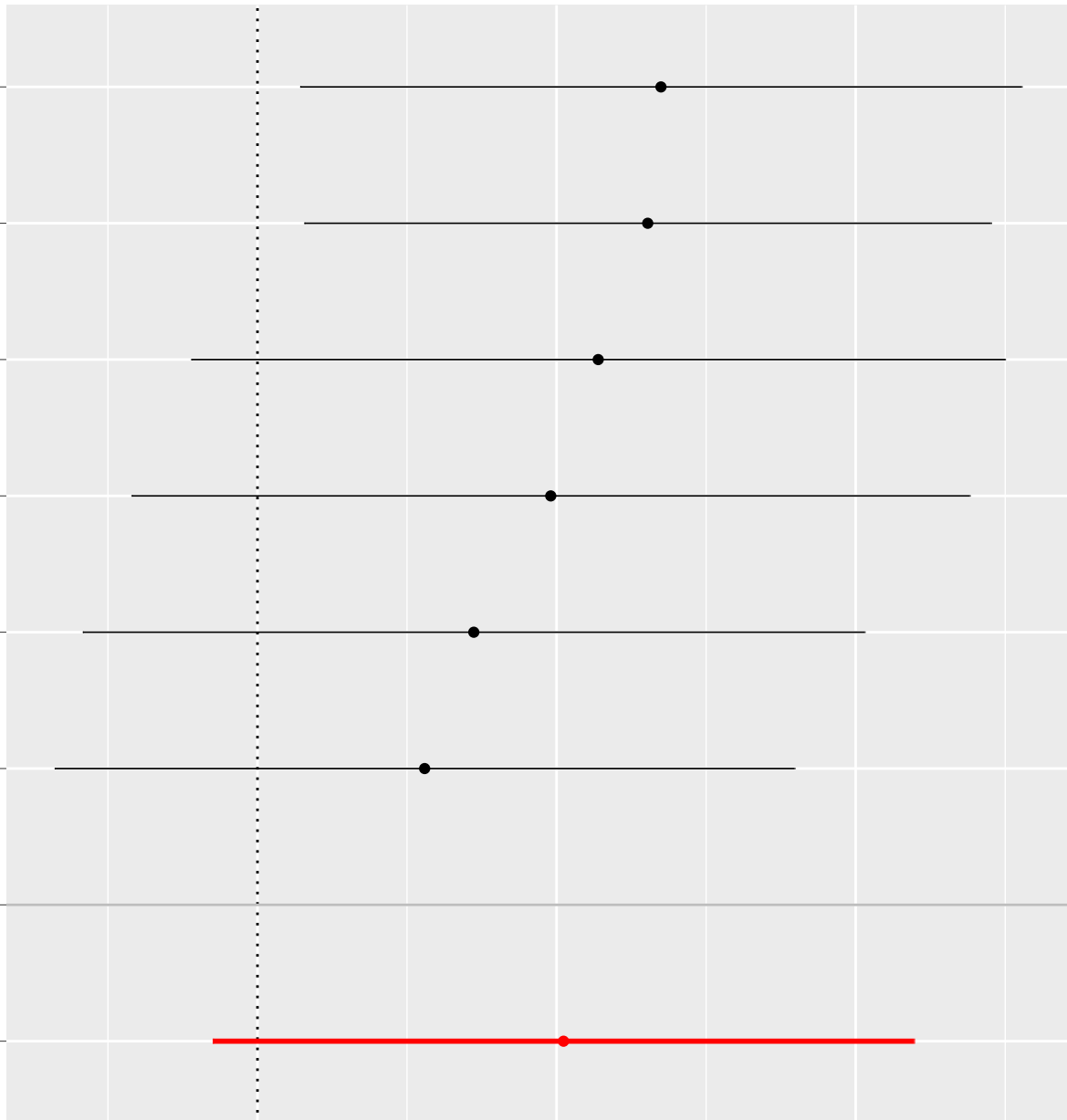
All

0.0

0.5

1.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Concentration of large HDL particles || id:878'



rs9906944

rs6728726

rs693839

rs6738627

rs2943650

rs6857

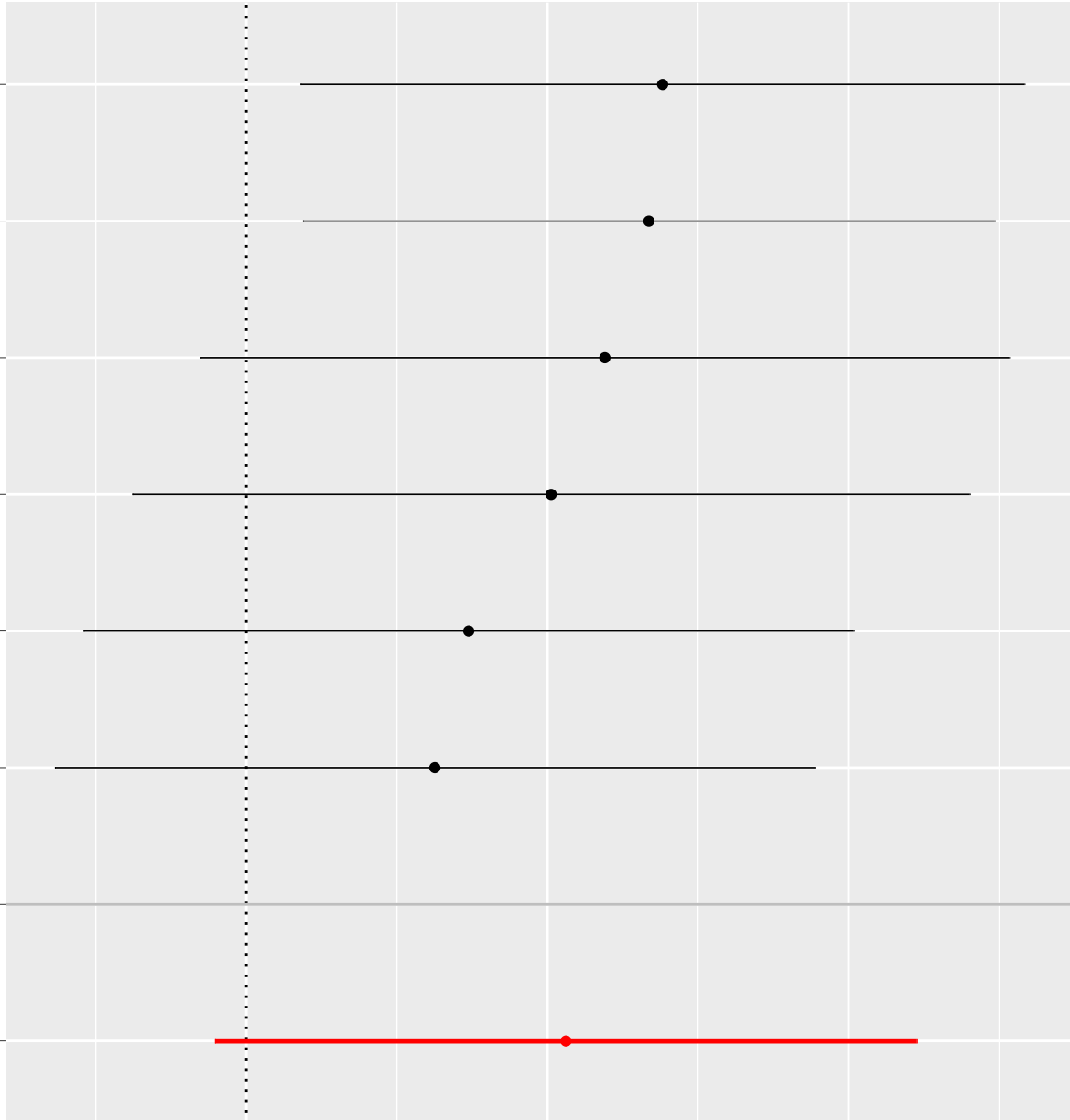
All

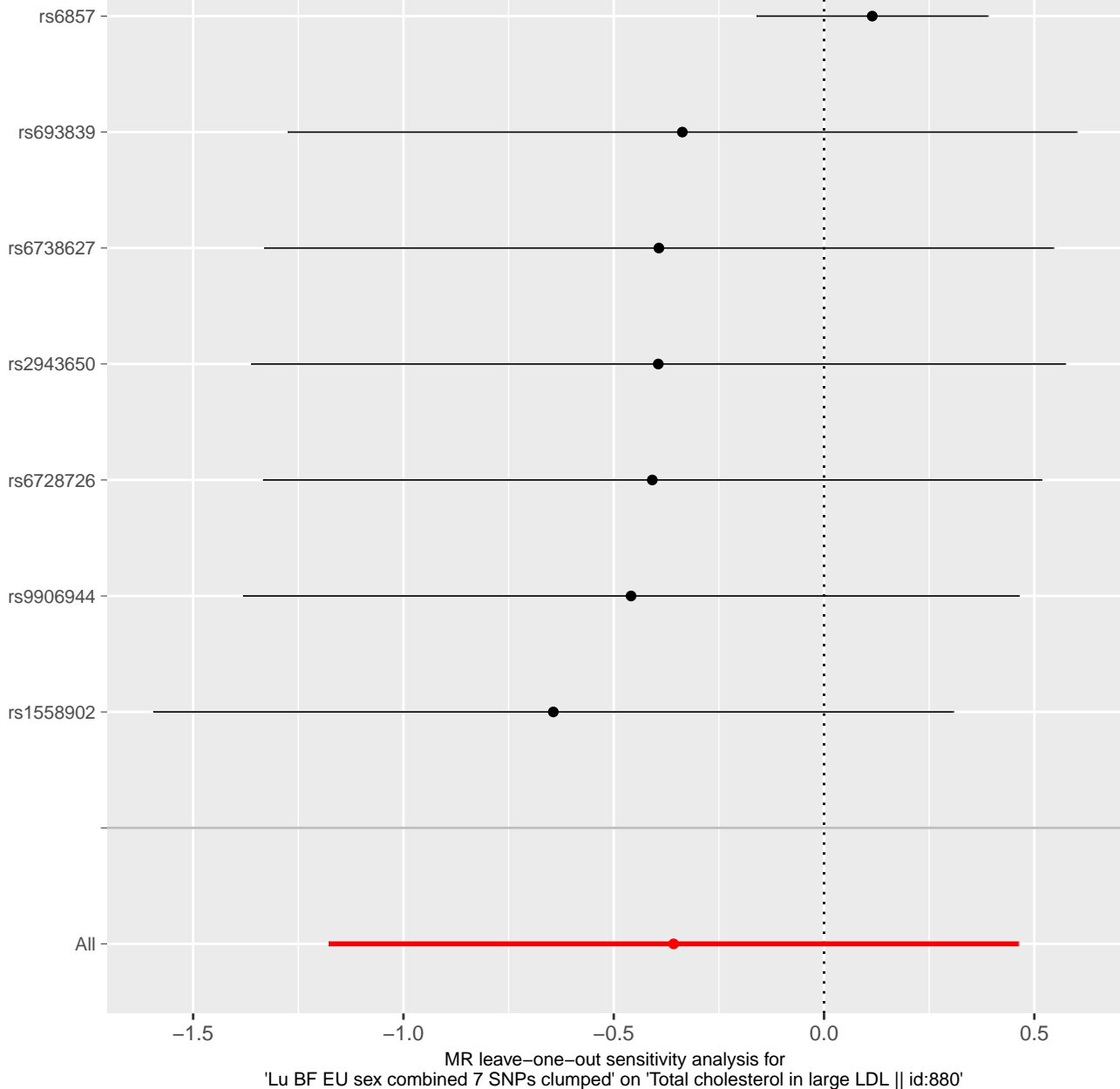
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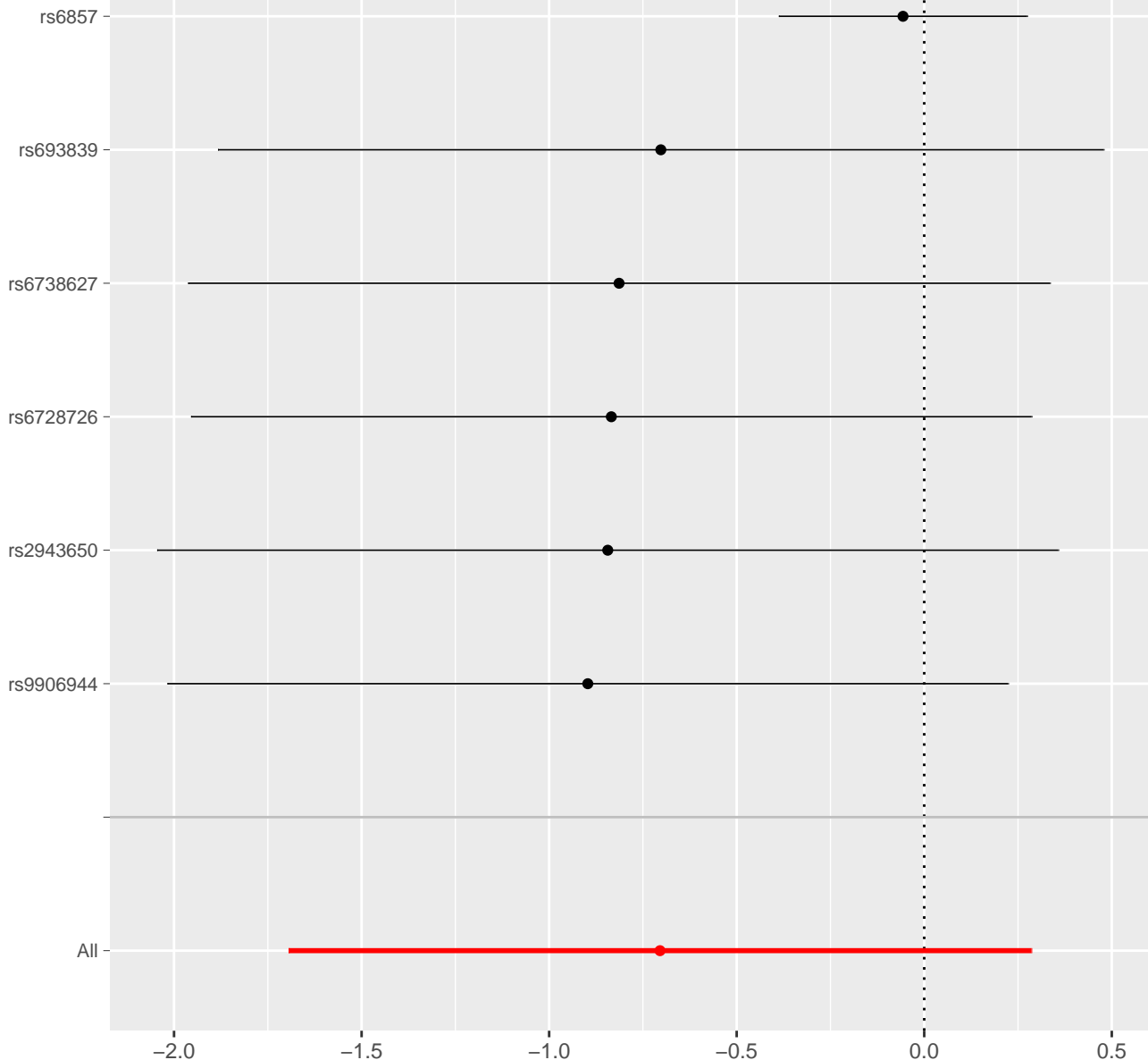
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1.0

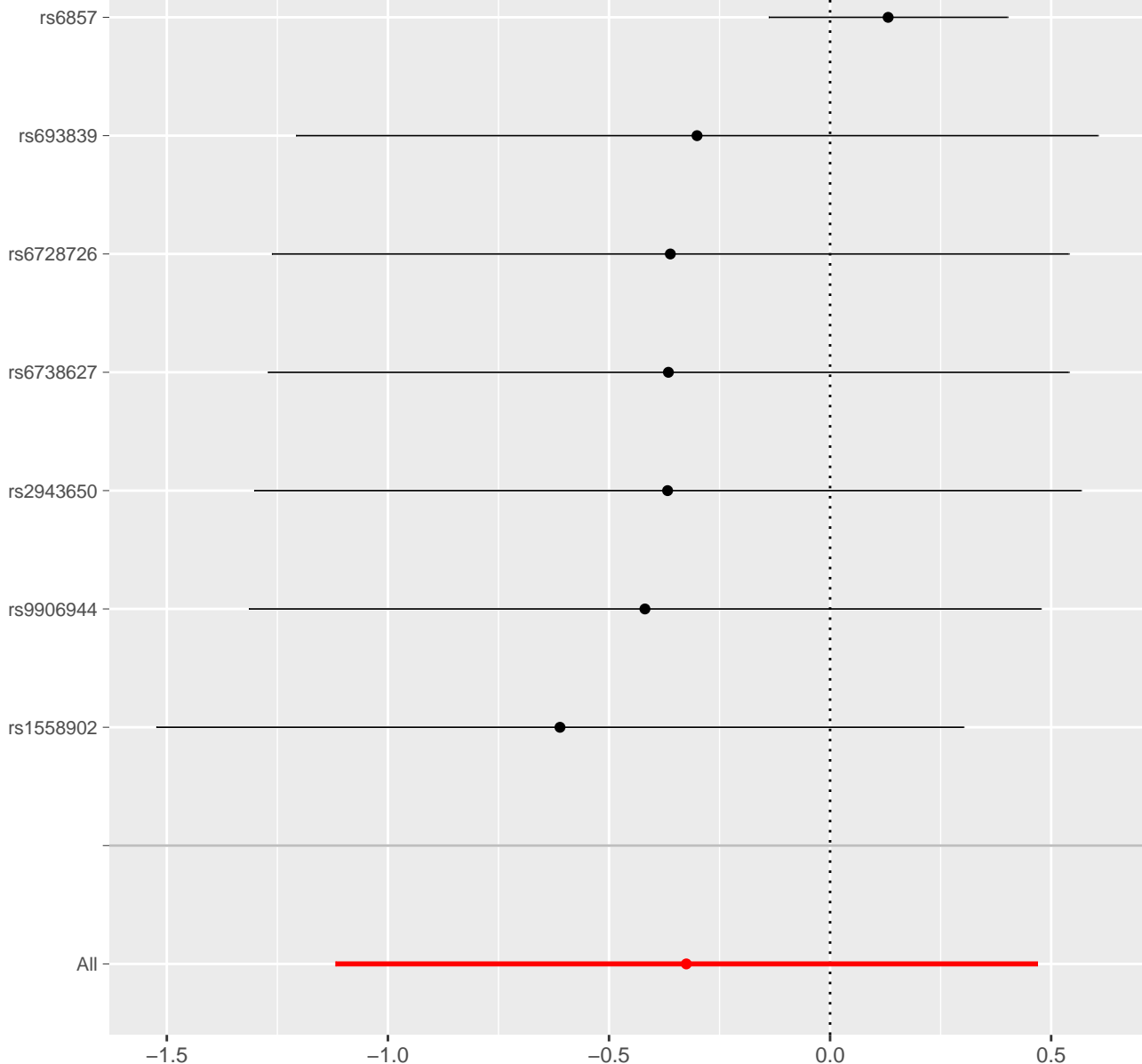
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Phospholipids in large HDL || id:879'



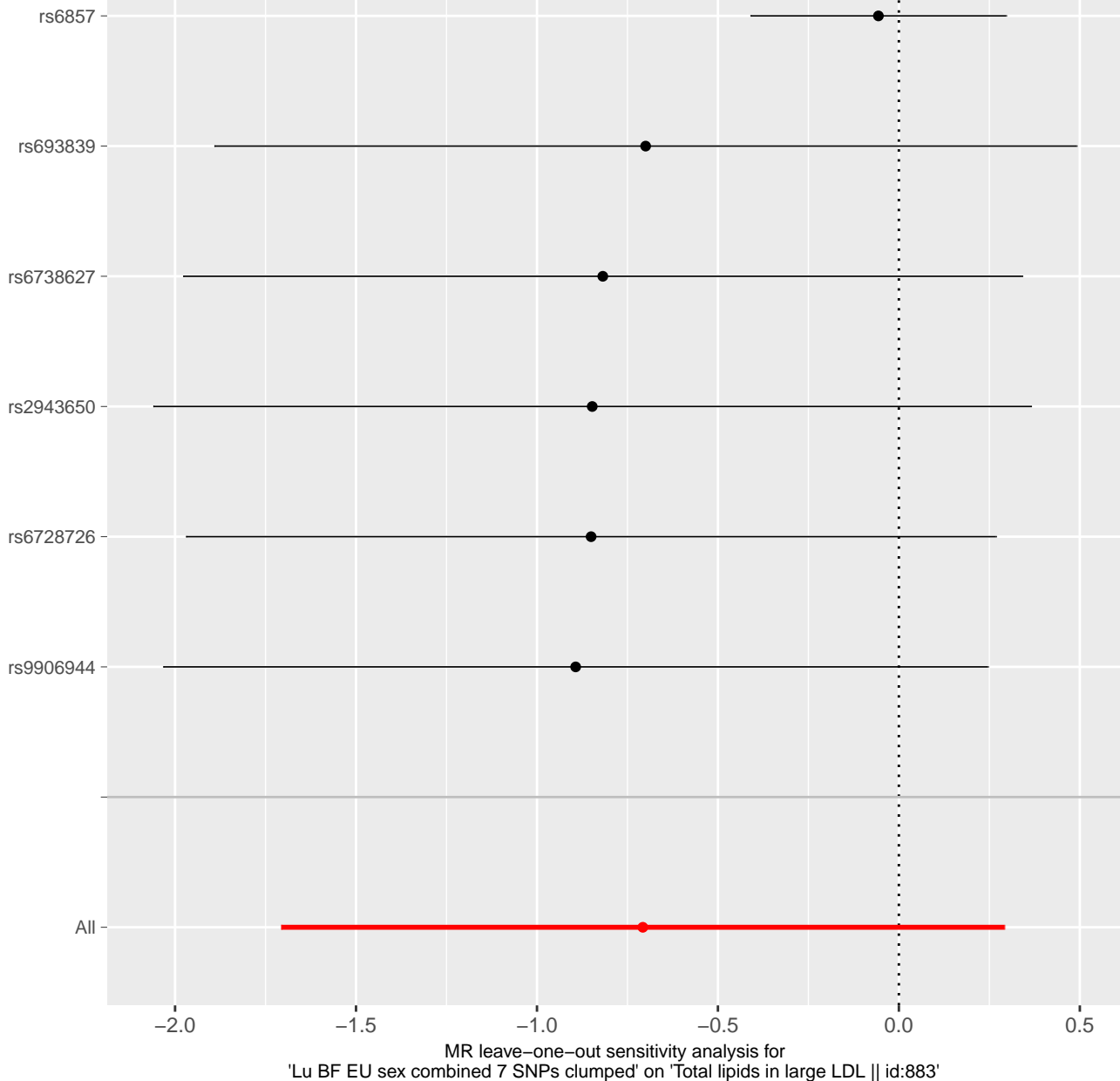


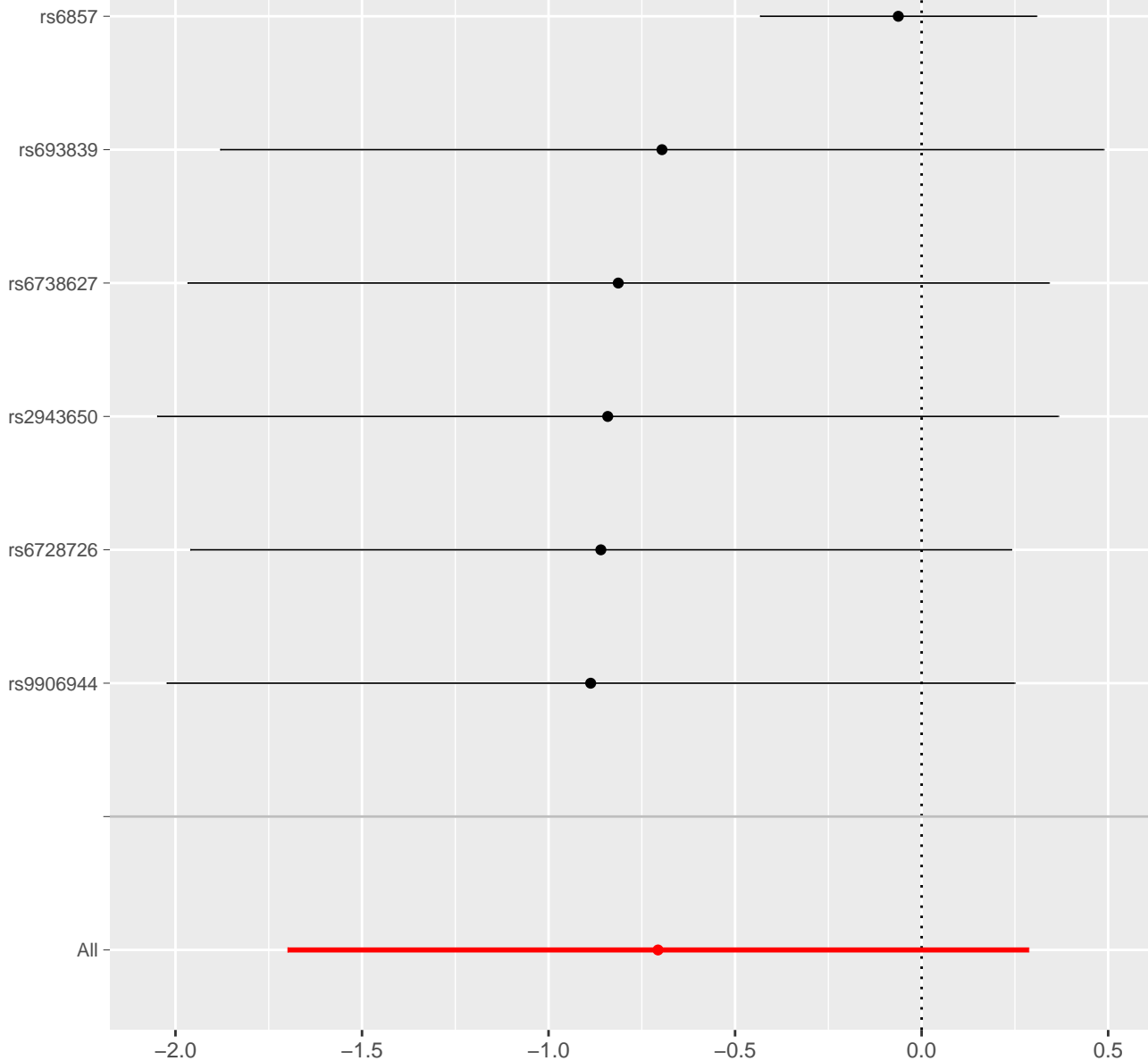


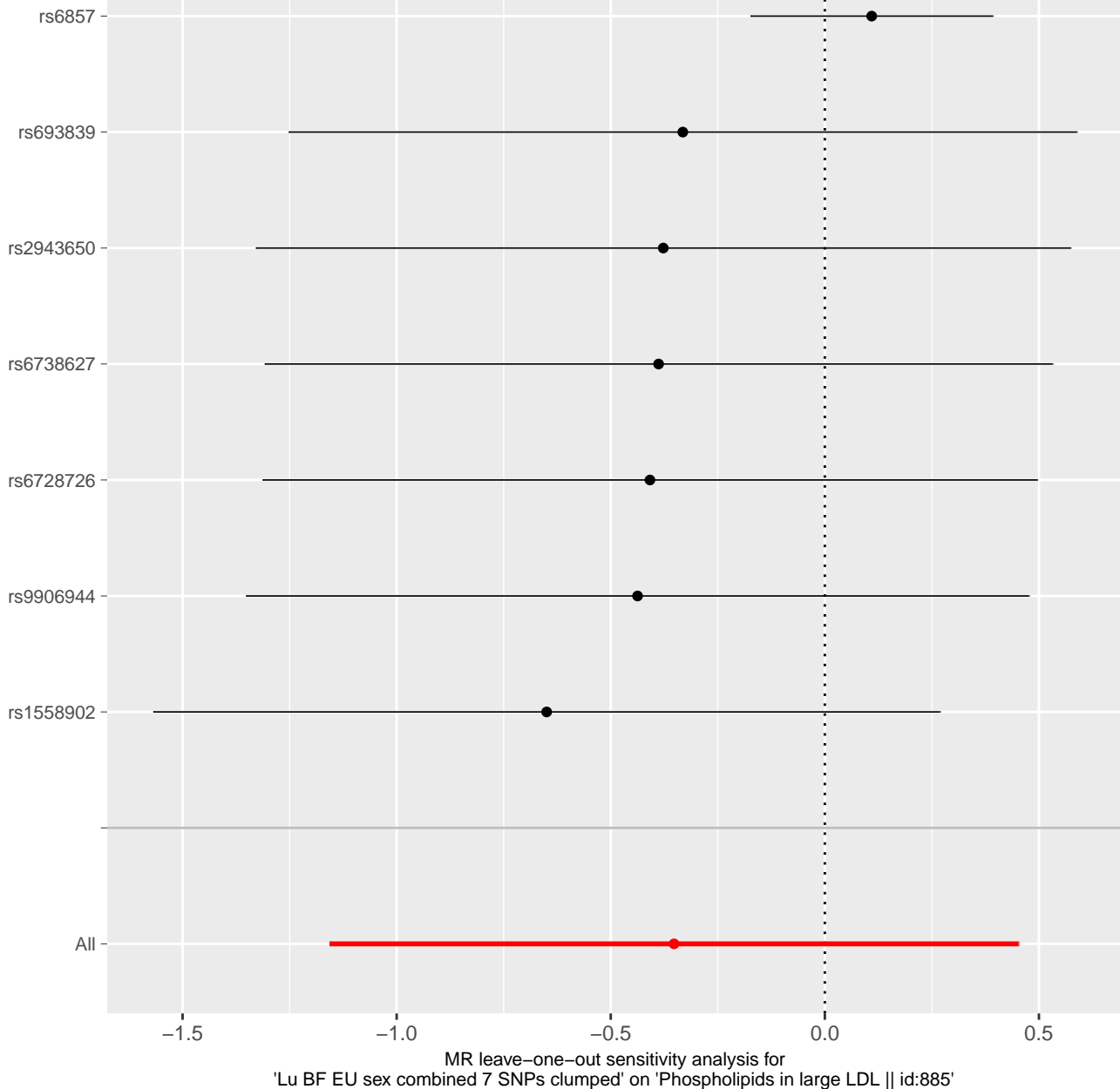
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Cholesterol esters in large VLDL || id:881'



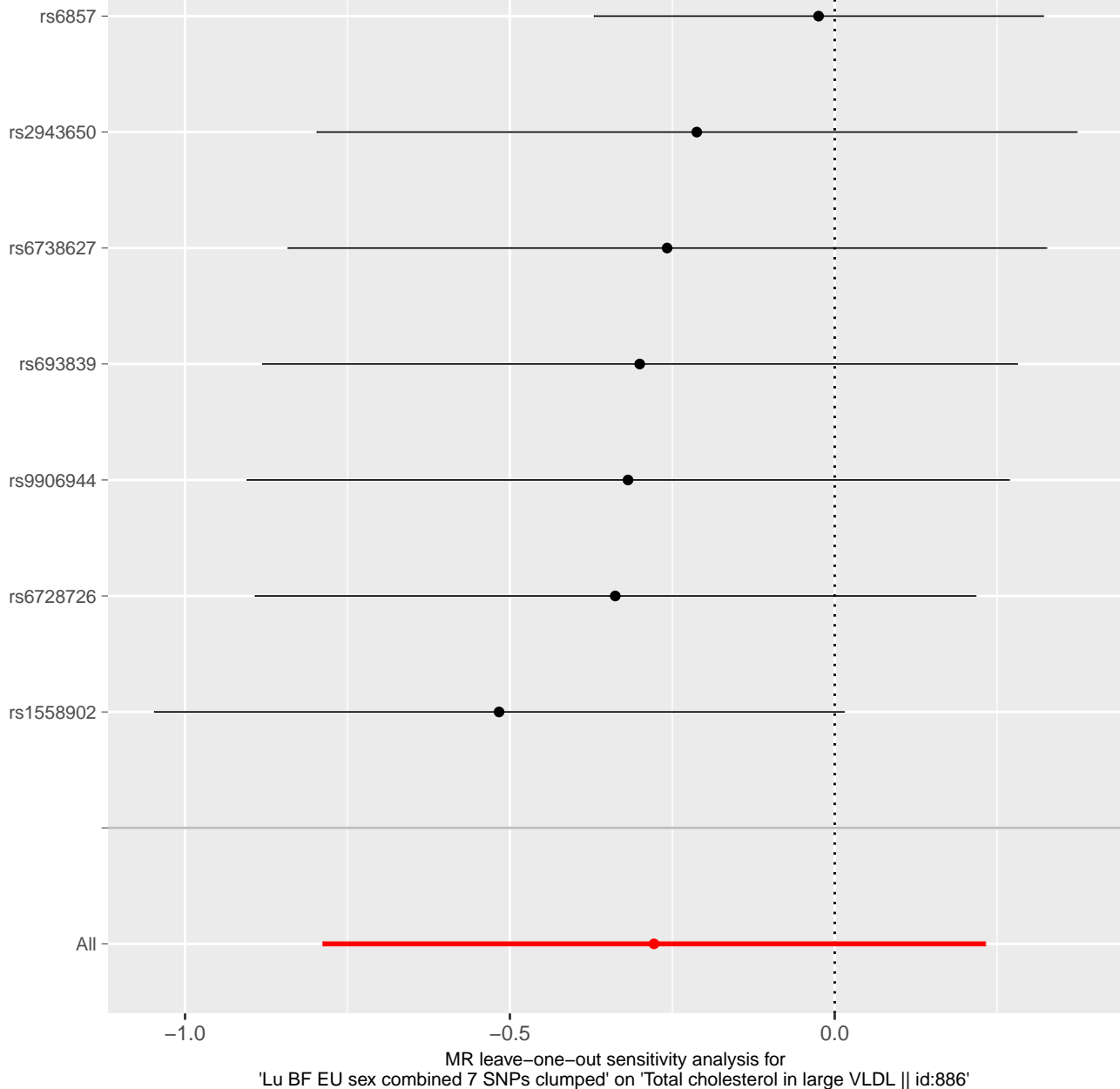
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Free cholesterol in large LDL || id:882'











rs6857

rs2943650

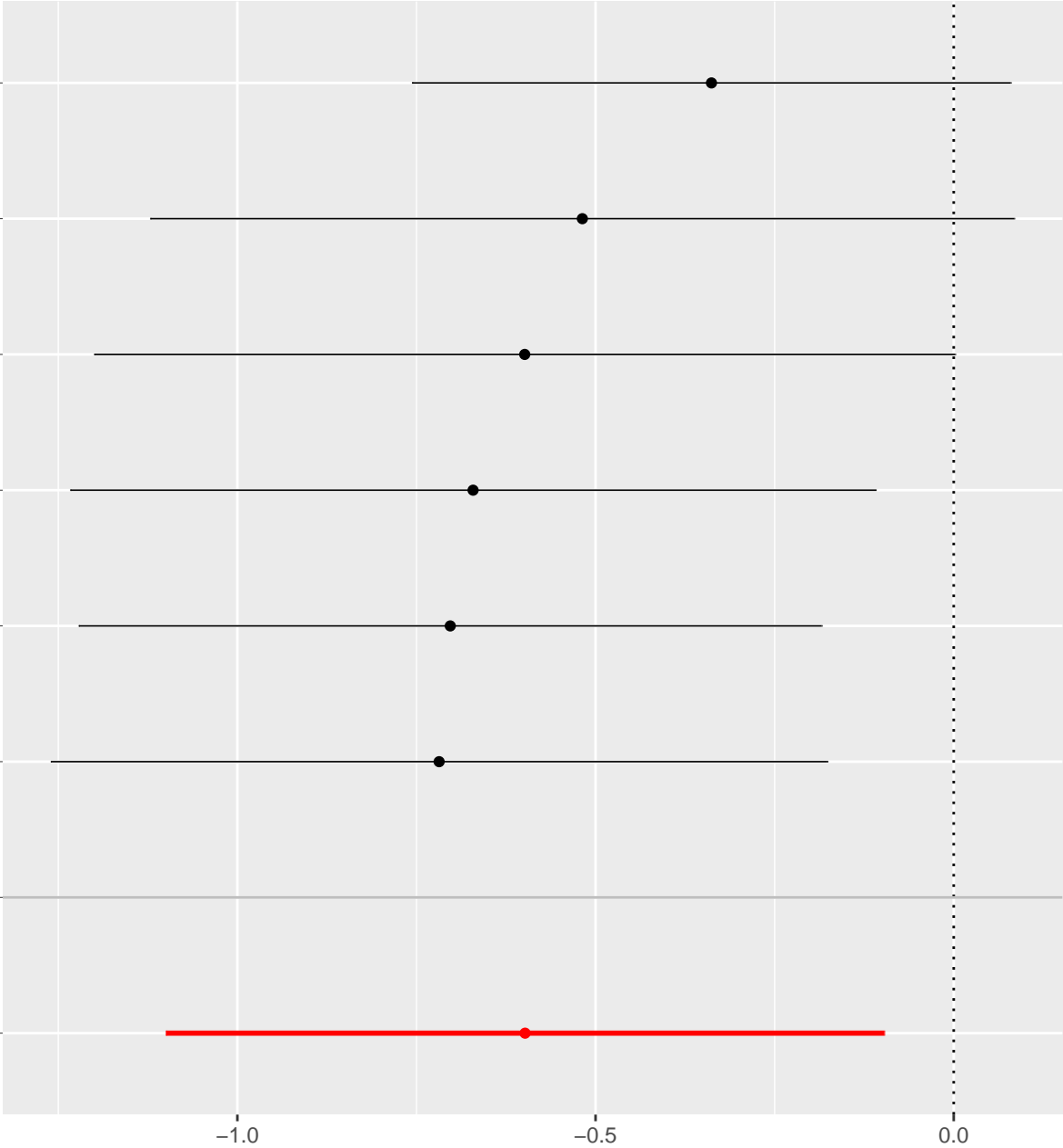
rs6738627

rs693839

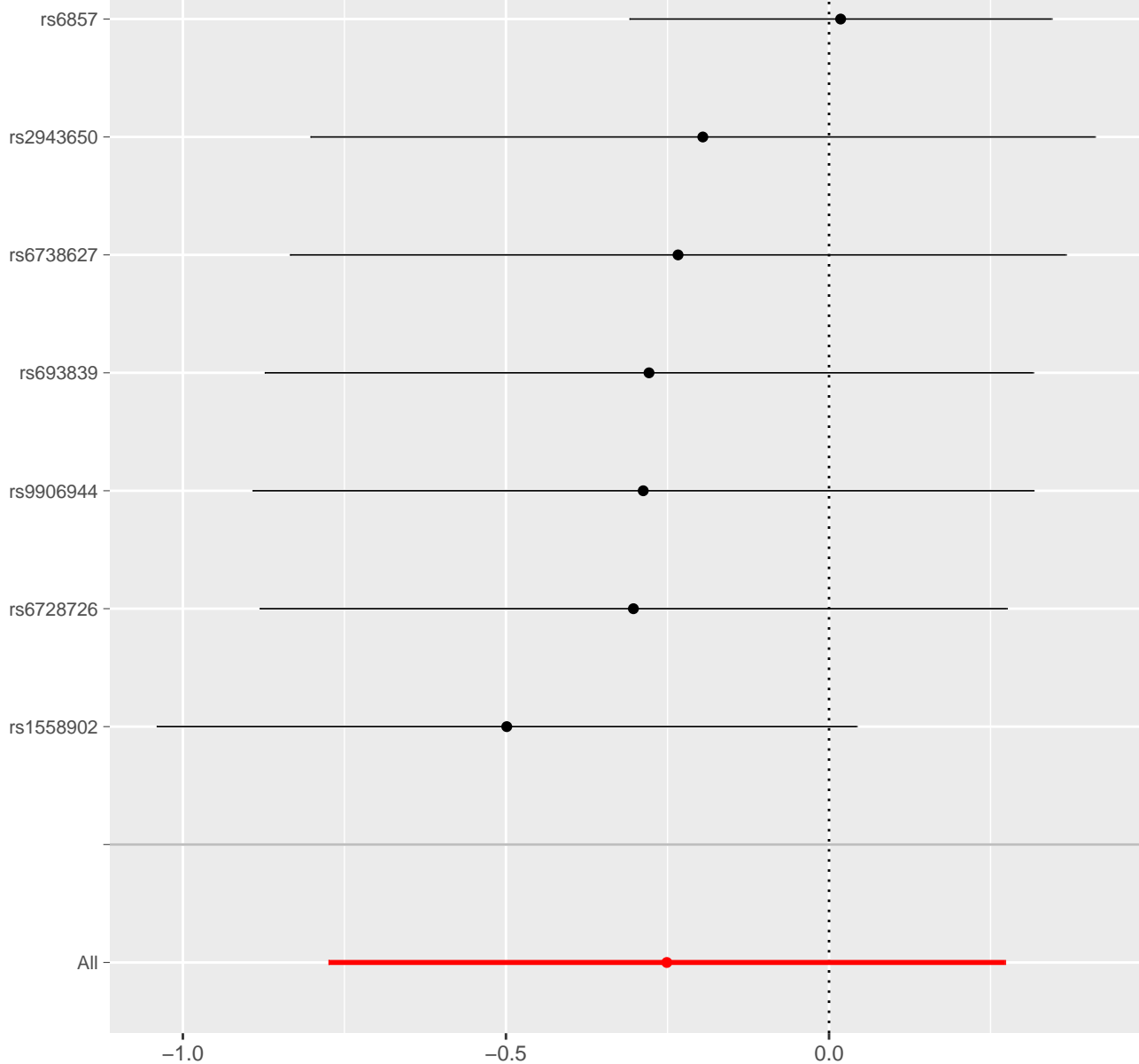
rs6728726

rs9906944

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Cholesterol esters in large VLDL || id:887'



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Free cholesterol in large VLDL || id:888'

rs6857

rs2943650

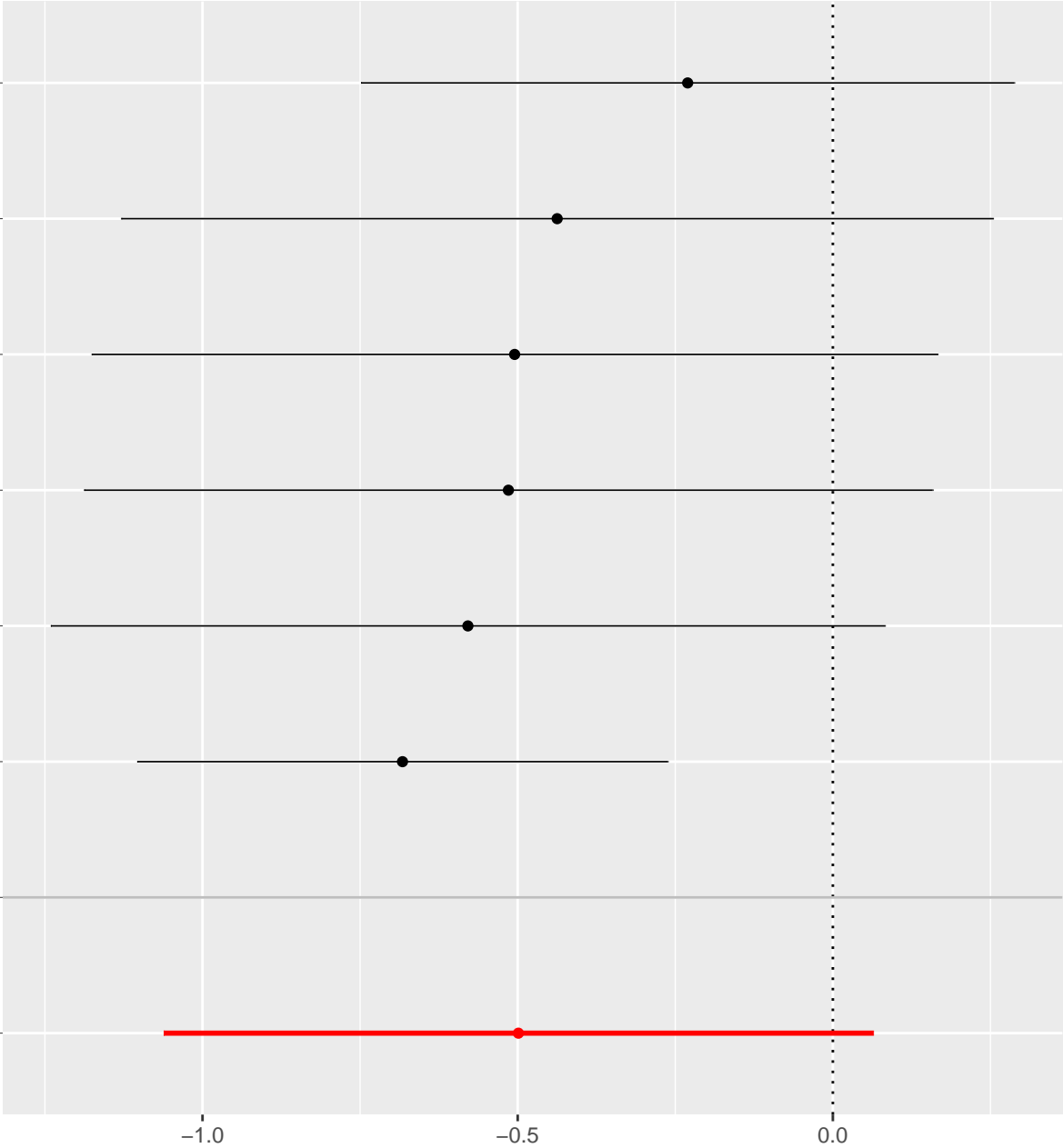
rs693839

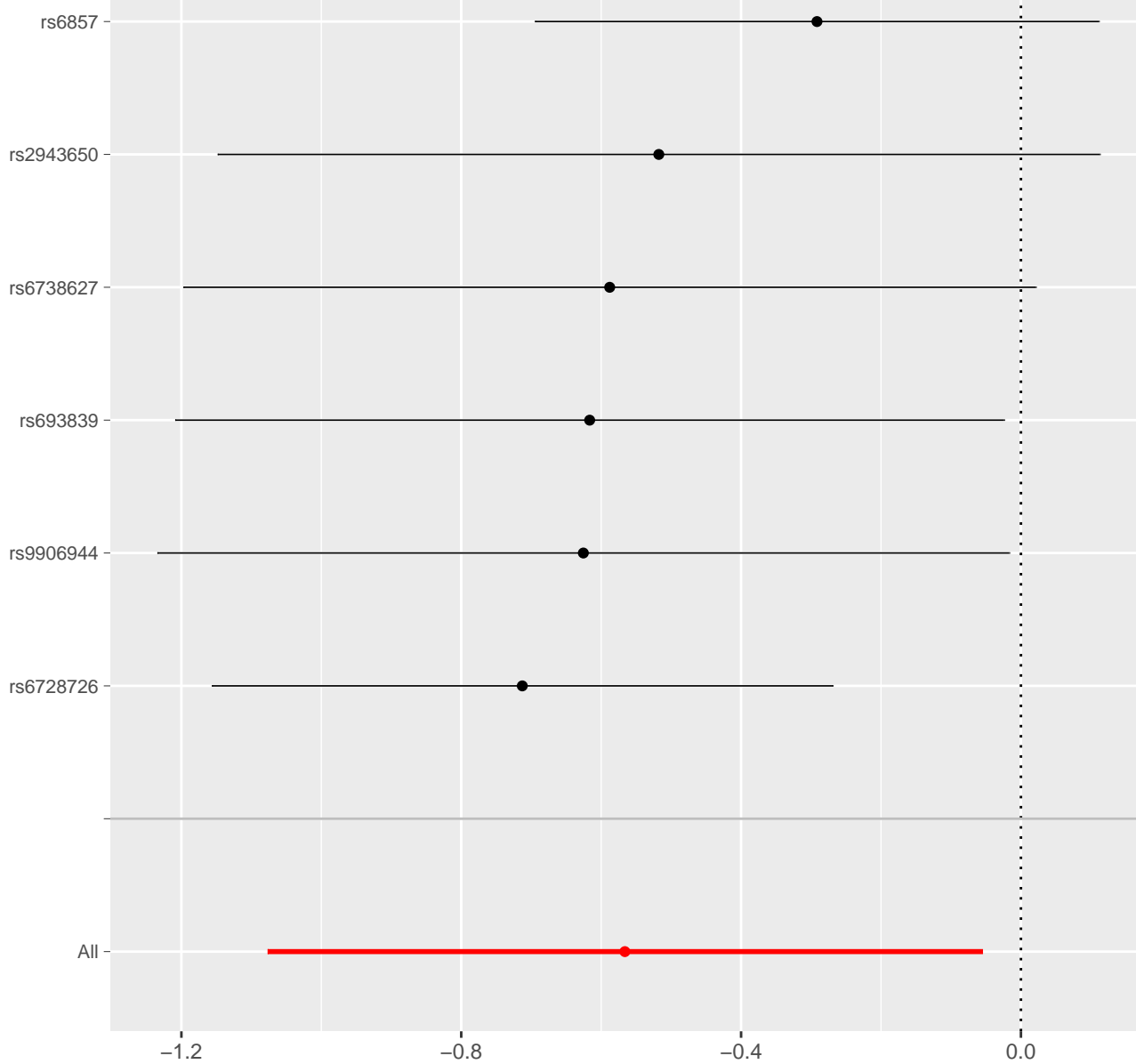
rs6738627

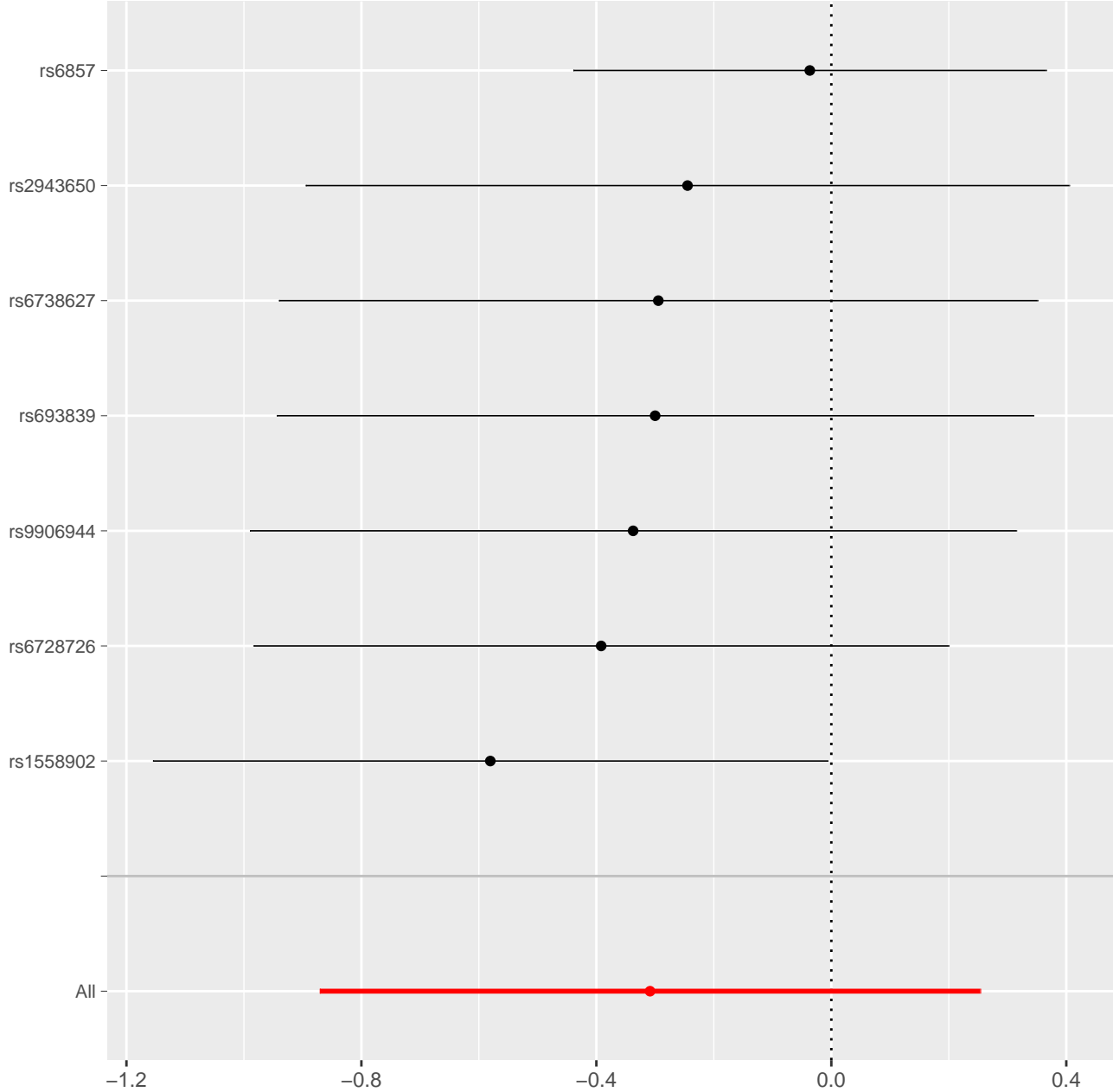
rs9906944

rs6728726

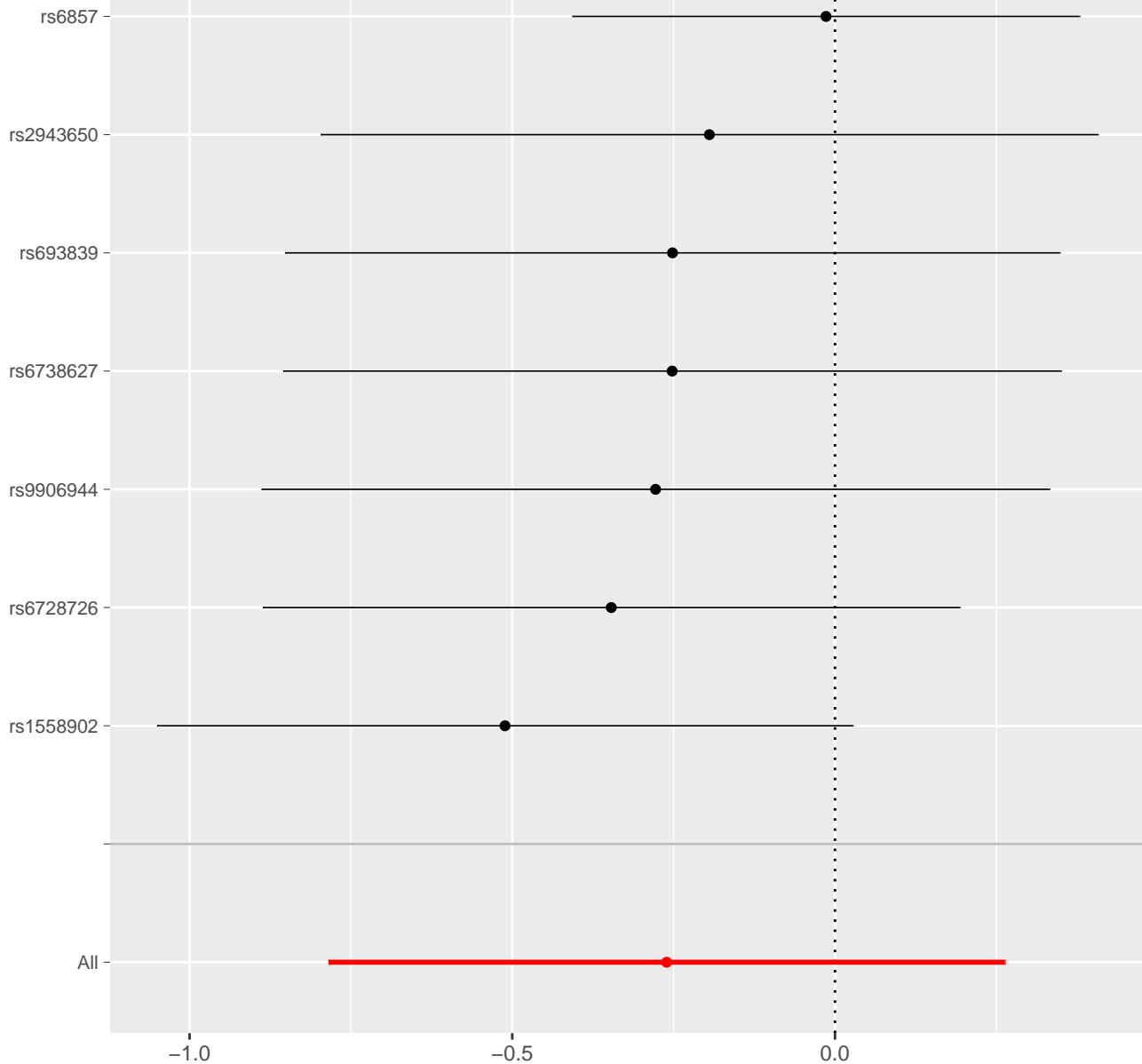
All



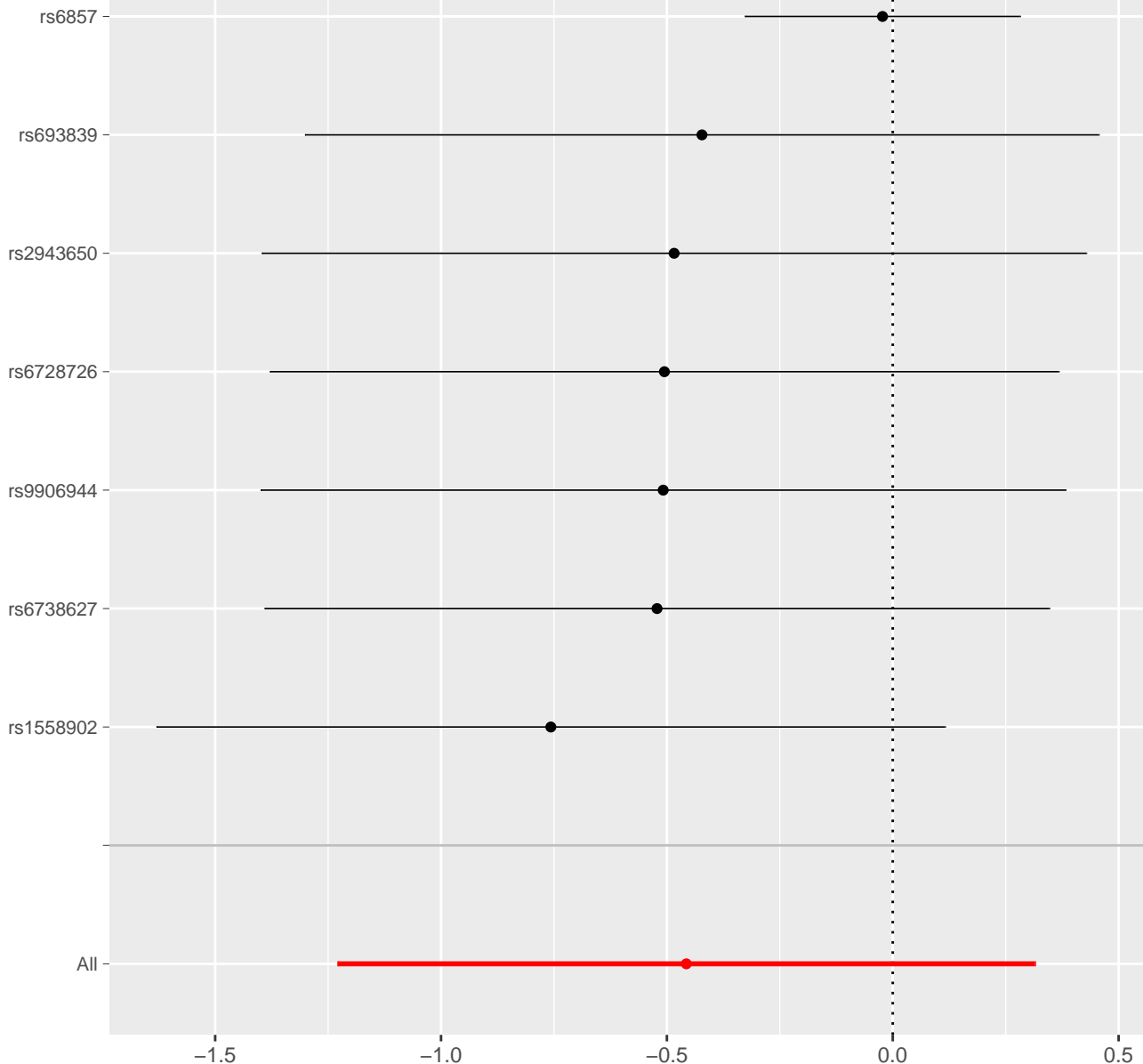




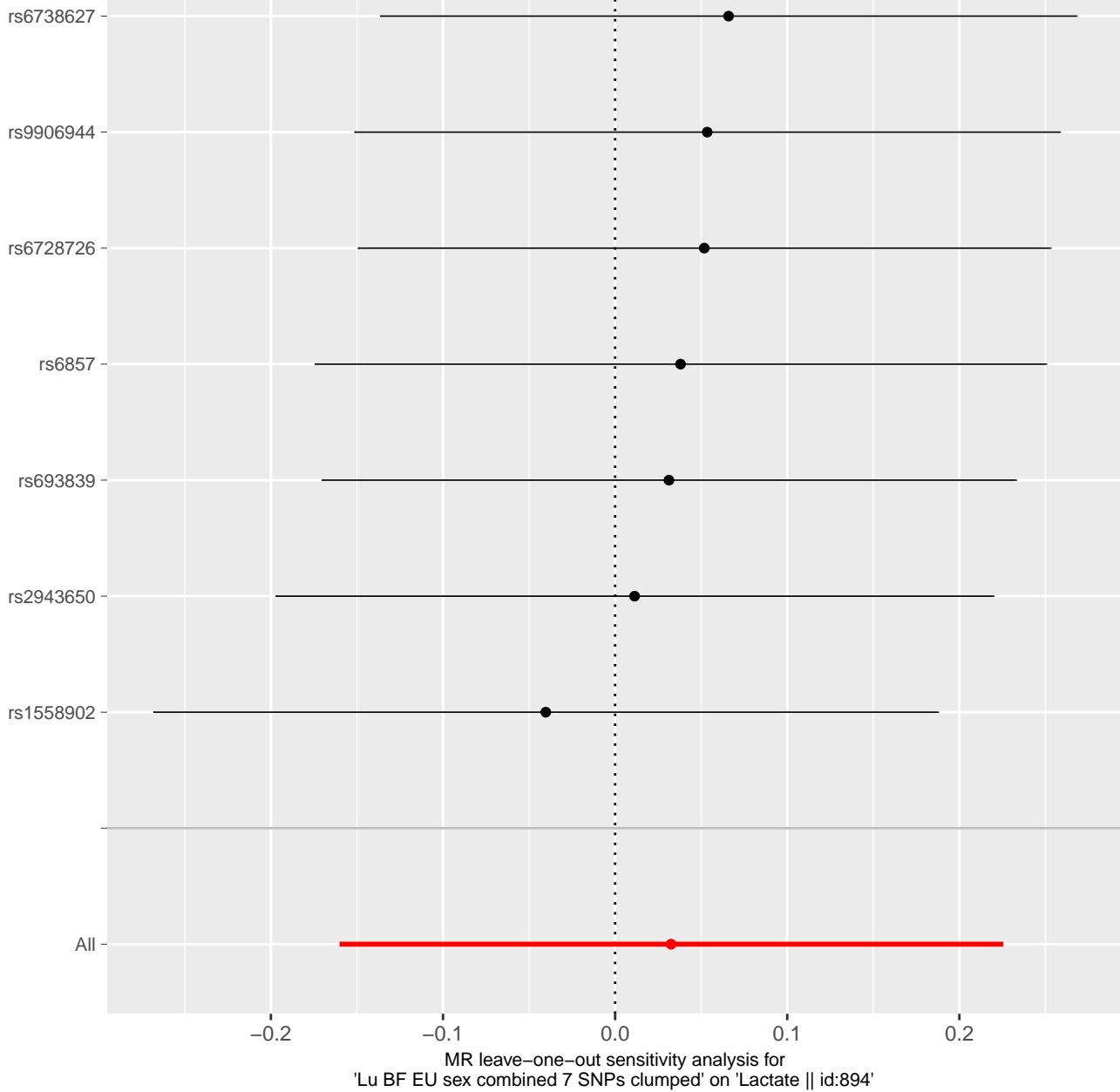
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Phospholipids in large VLDL || id:891'

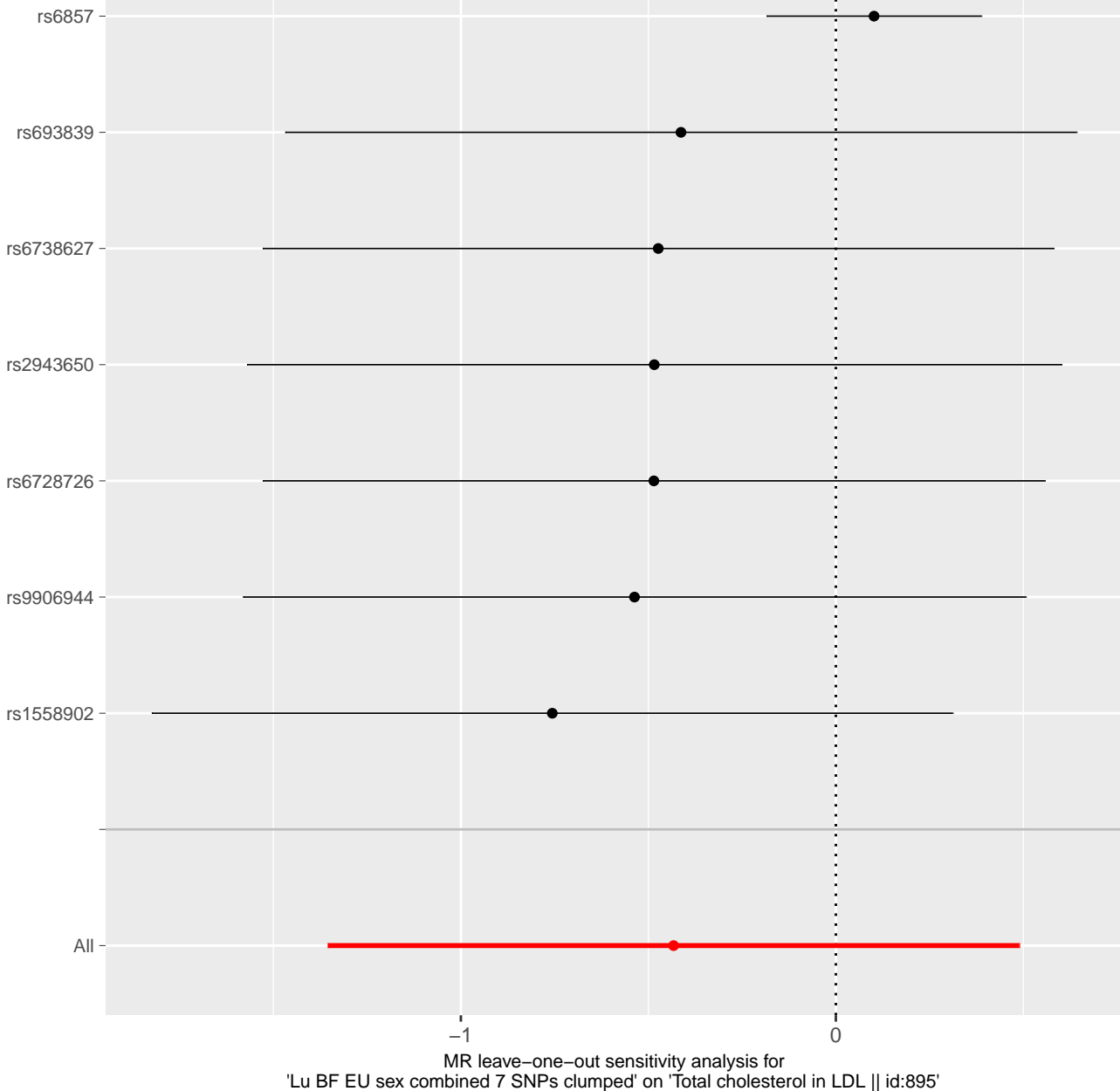


MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Triglycerides in large VLDL || id:892'









rs6738627

rs2943650

rs9906944

rs693839

rs6728726

rs6857

All

-0.25

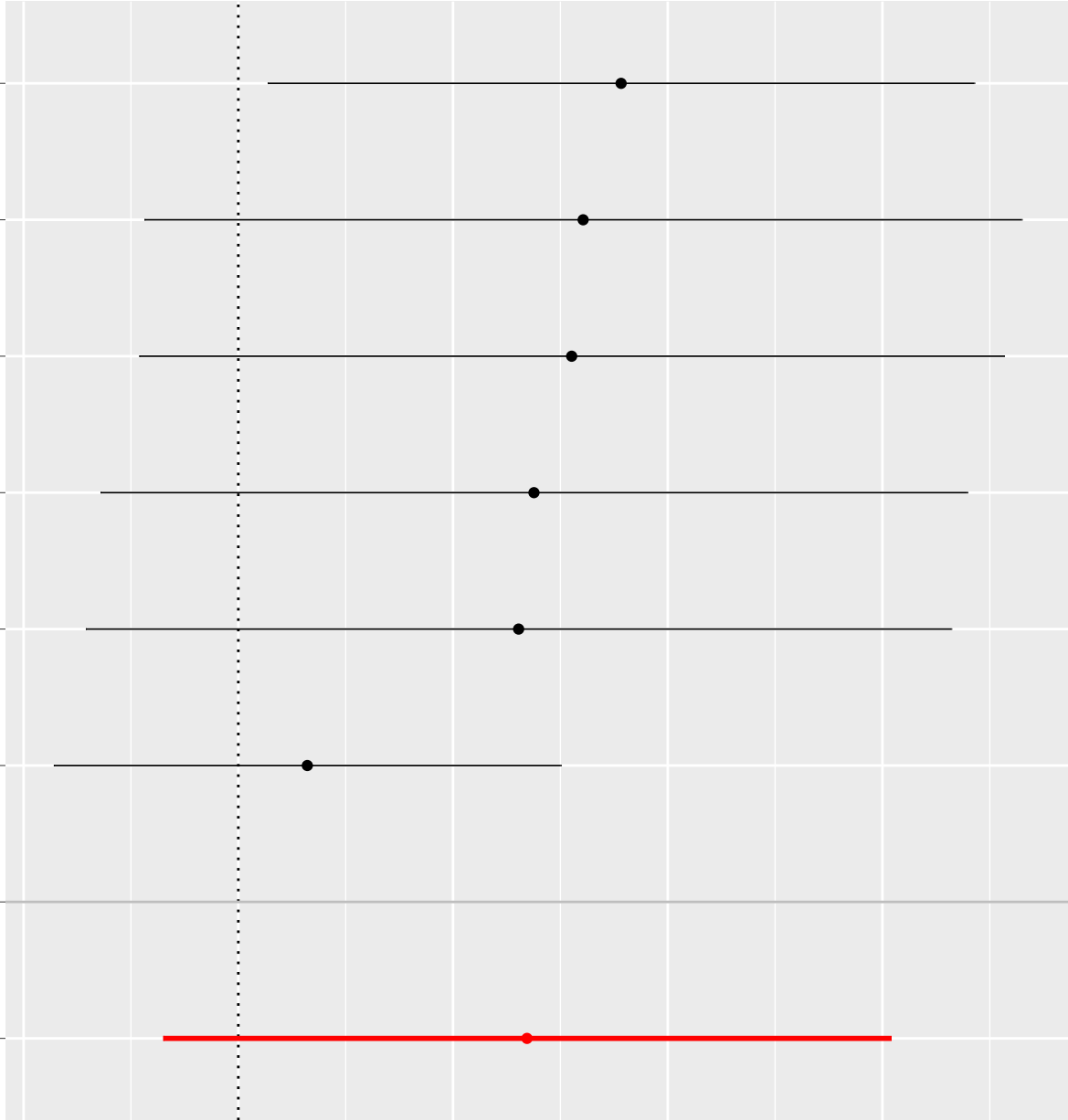
0.00

0.25

0.50

0.75

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Mean diameter for LDL particles || id:896'



rs2943650

rs6738627

rs693839

rs9906944

rs6857

rs6728726

rs1558902

All

-0.75

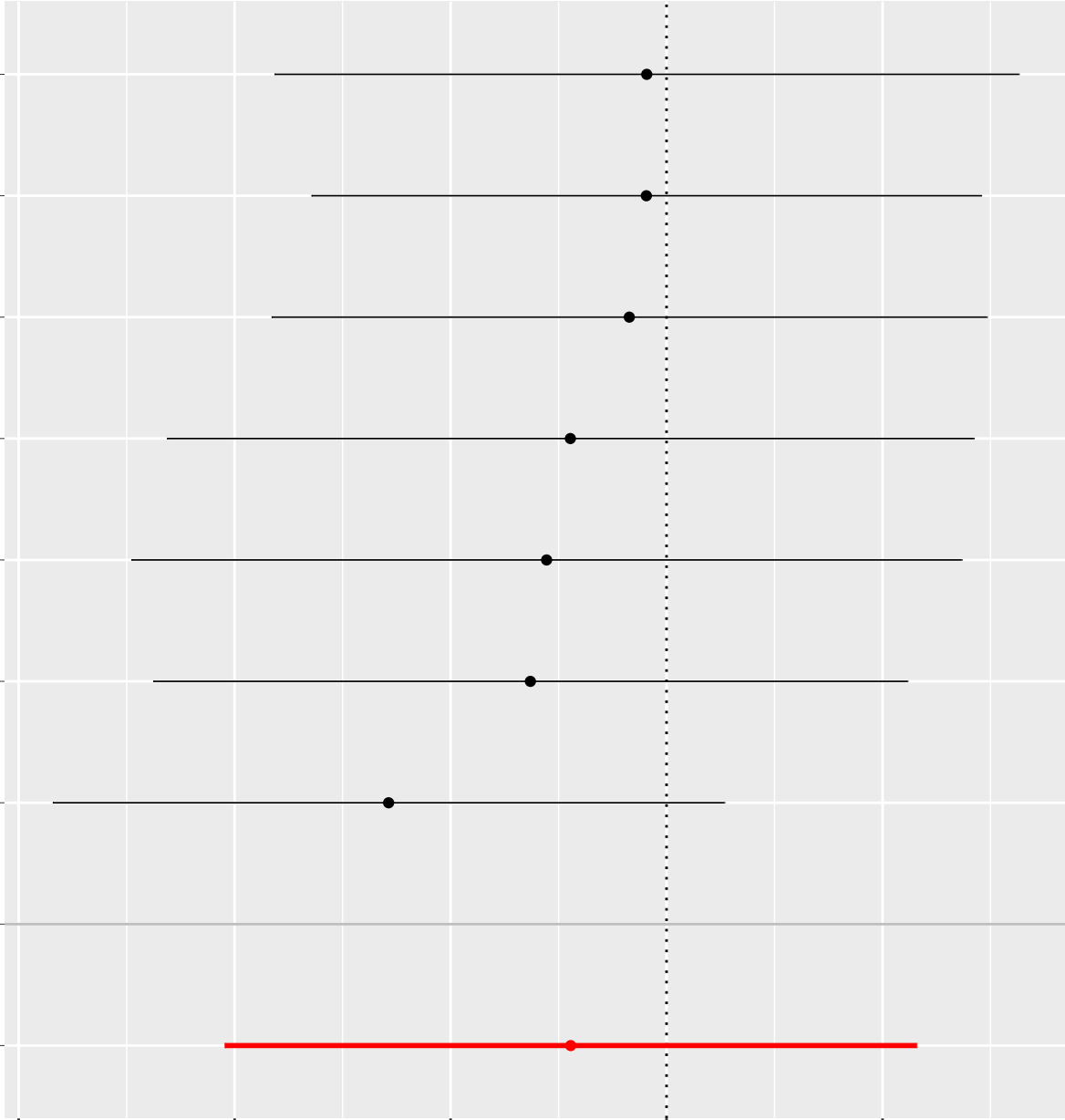
-0.50

-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Leucine || id:897'



rs1558902

rs9906944

rs6728726

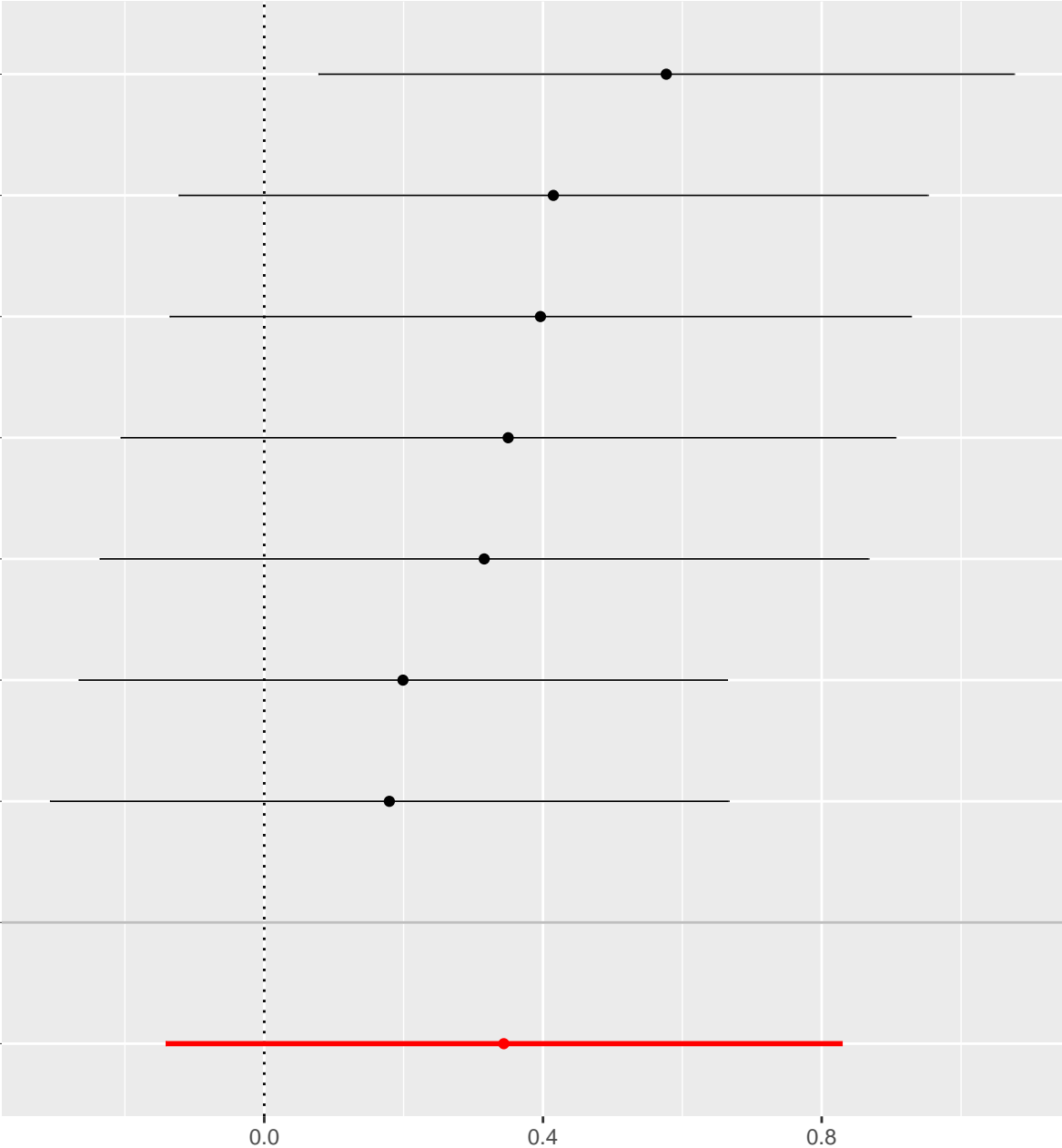
rs693839

rs6738627

rs2943650

rs6857

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total cholesterol in medium HDL || id:898'

rs9906944

rs6728726

rs693839

rs6738627

rs6857

rs2943650

All

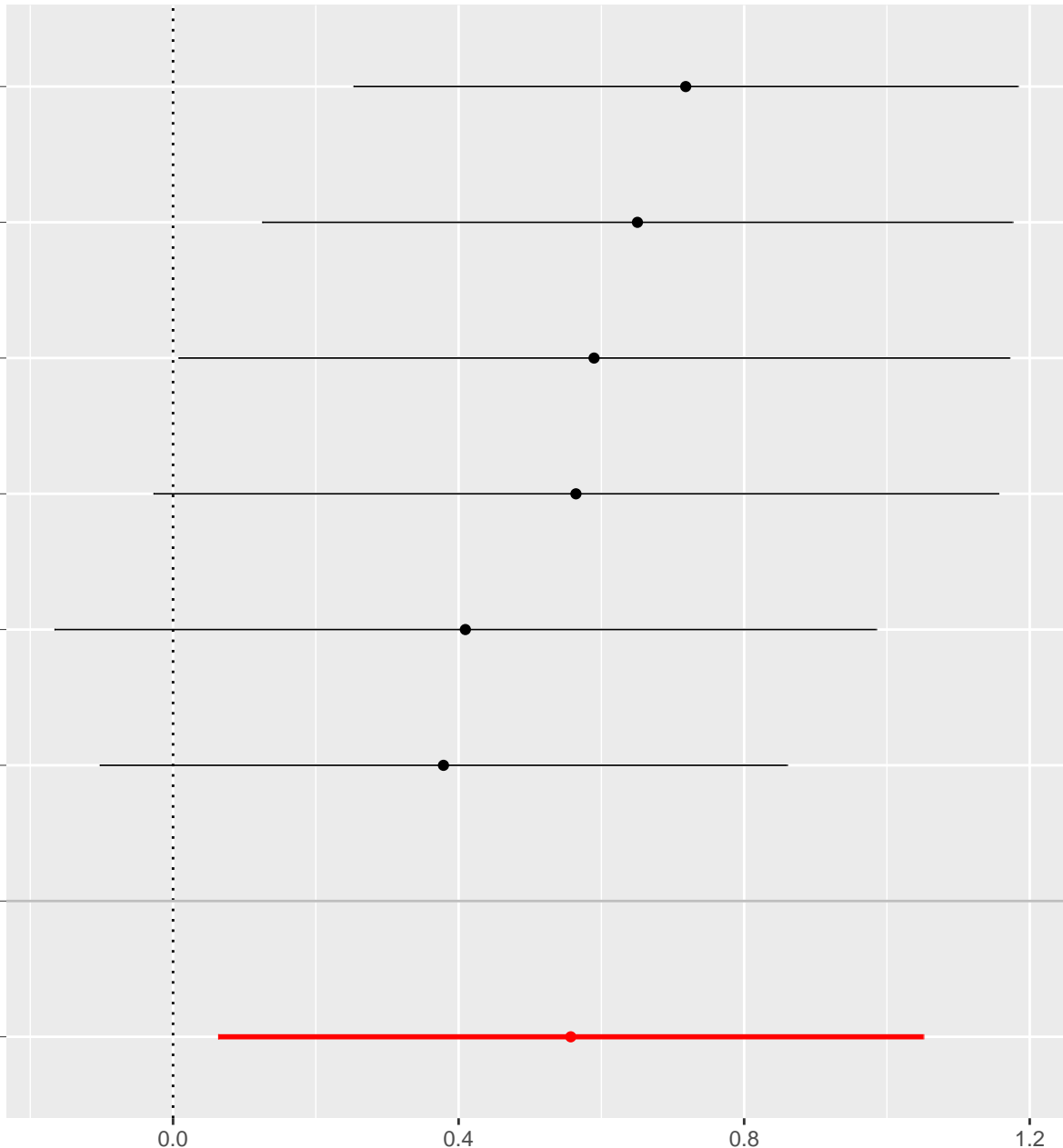
0.0

0.4

0.8

1.2

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Cholesterol esters in medium HDL || id:899'



rs1558902

rs9906944

rs6728726

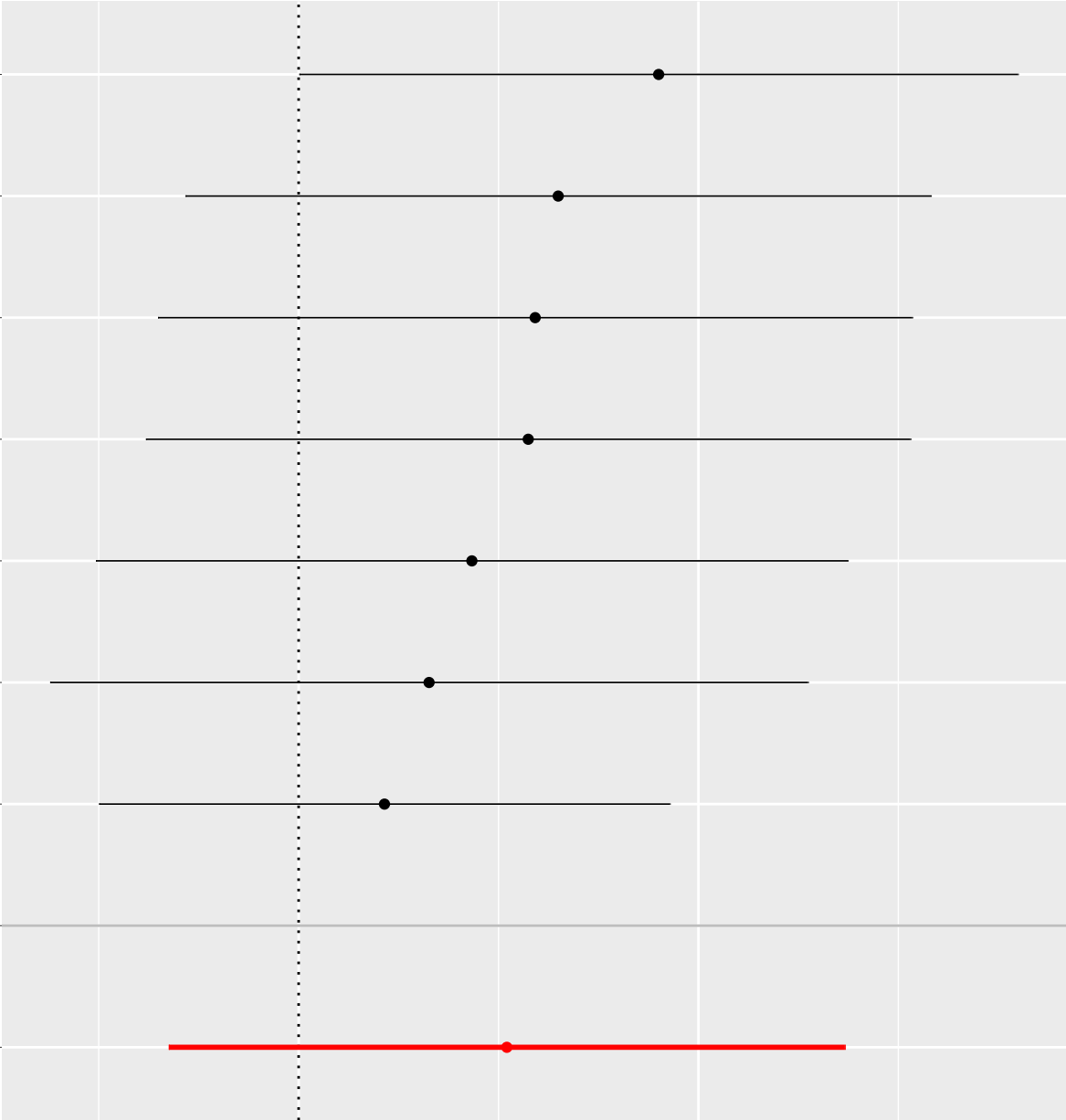
rs693839

rs6738627

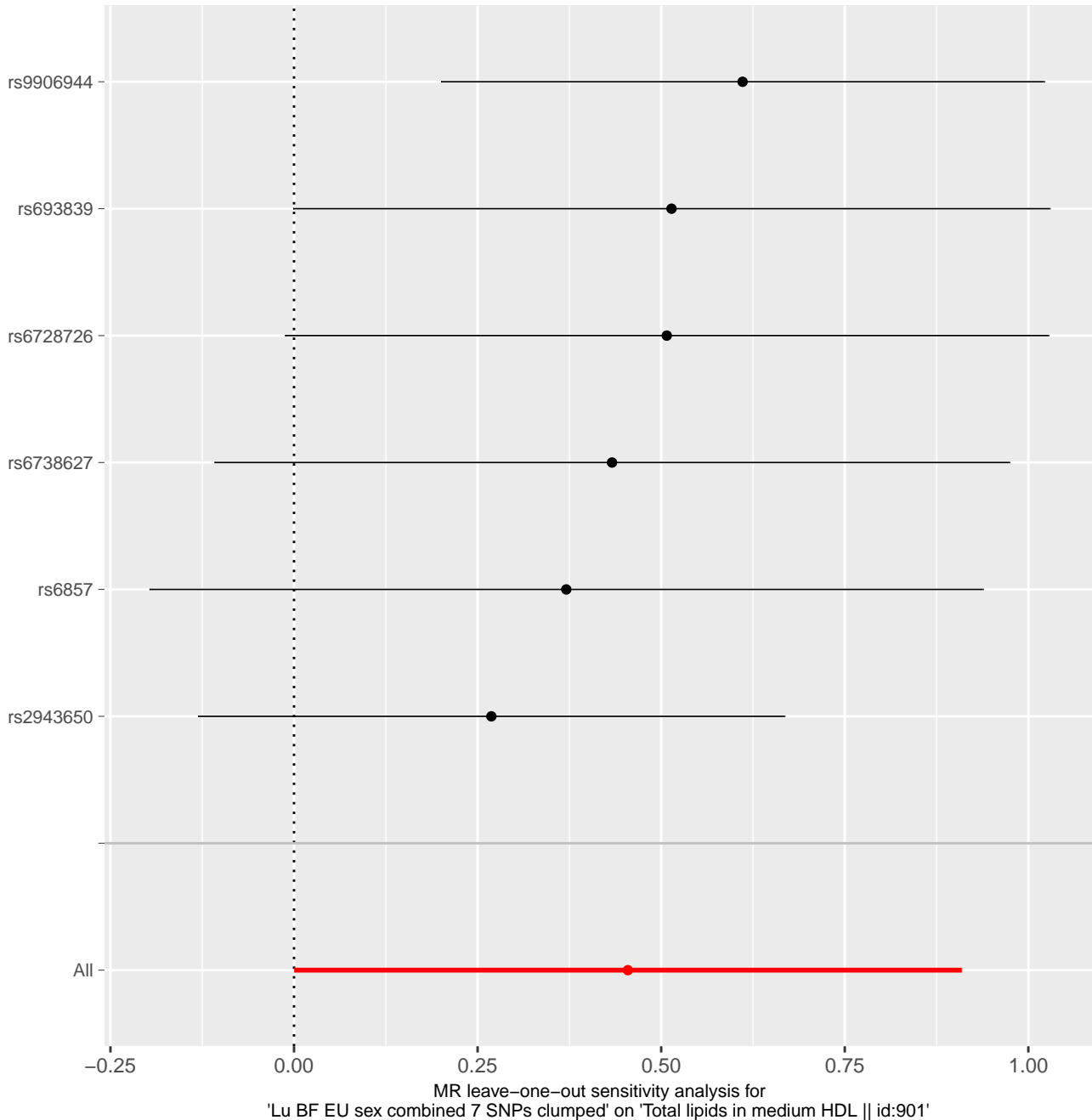
rs6857

rs2943650

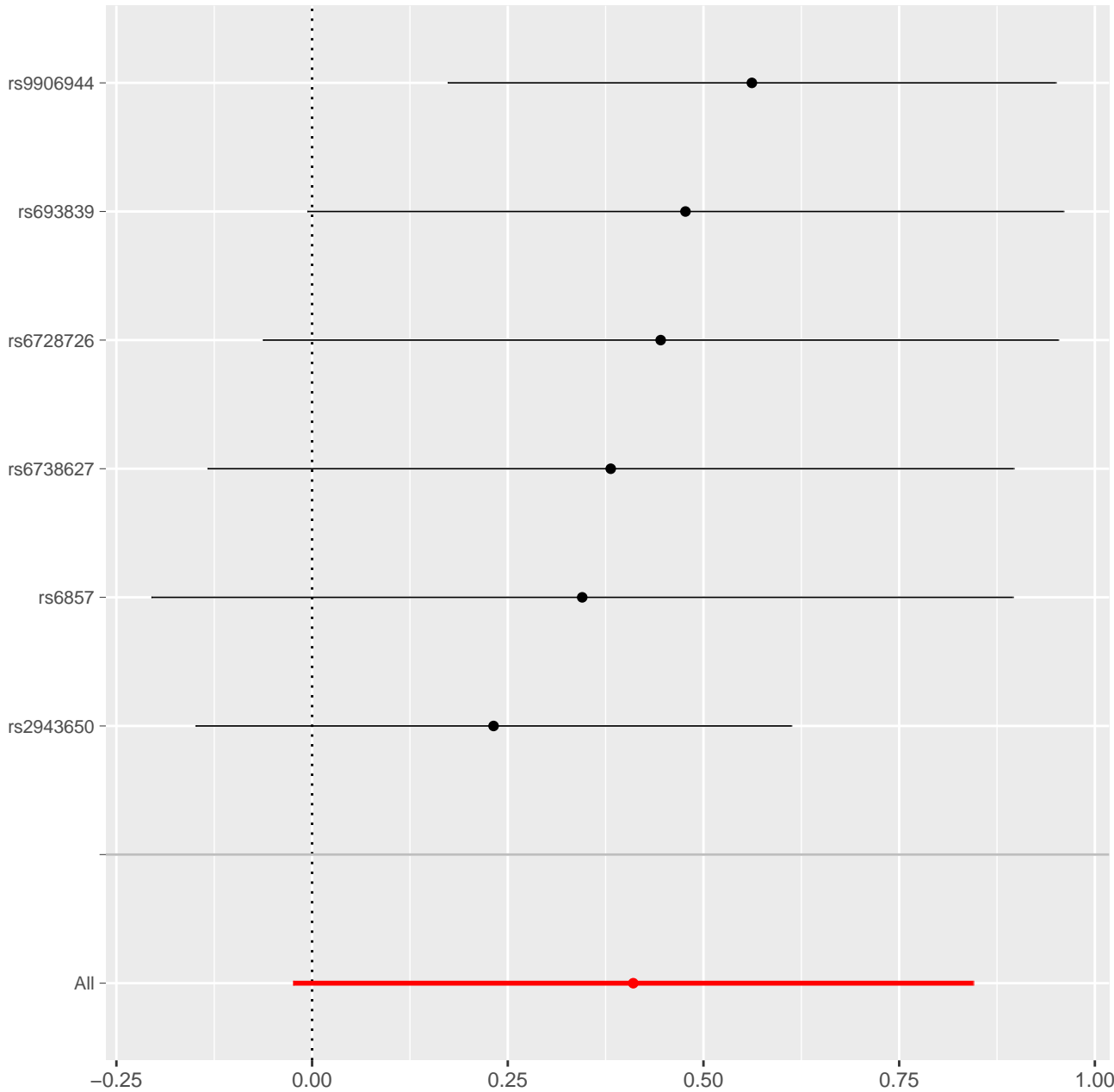
All

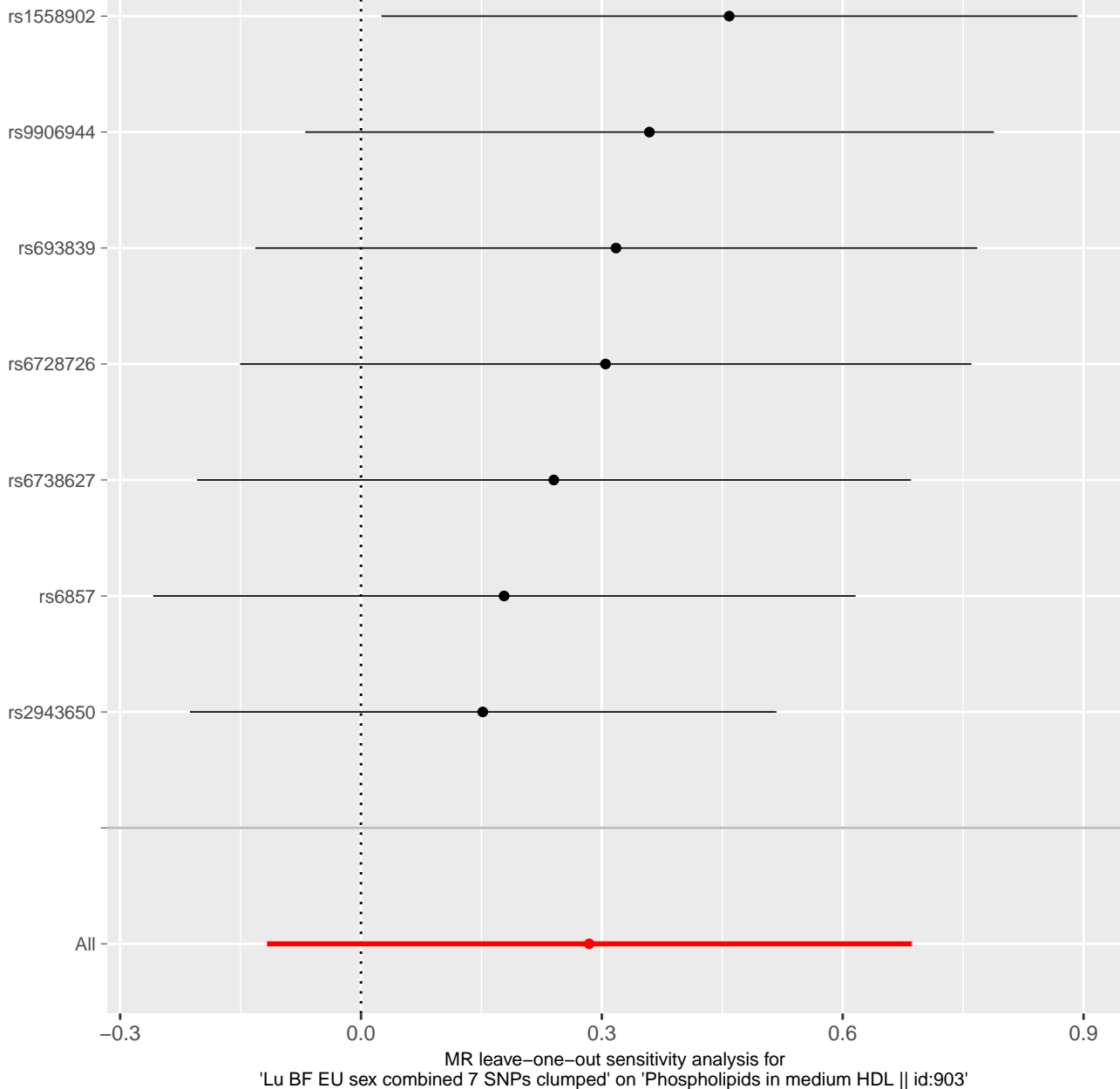


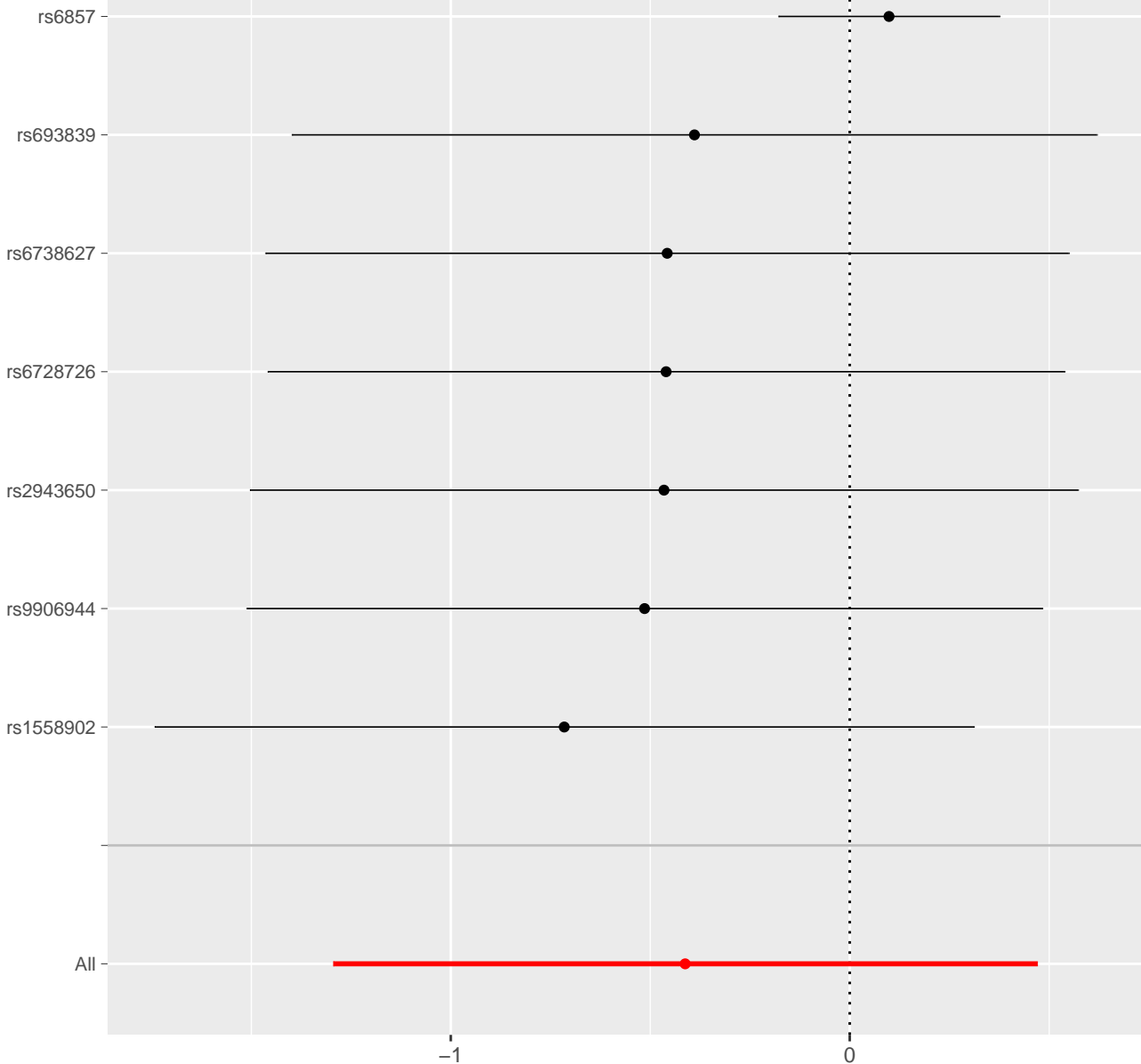
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Free cholesterol in medium HDL || id:900'











MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total cholesterol in medium LDL || id:904'

rs6857

rs693839

rs6738627

rs6728726

rs2943650

rs9906944

All

-2.0

-1.5

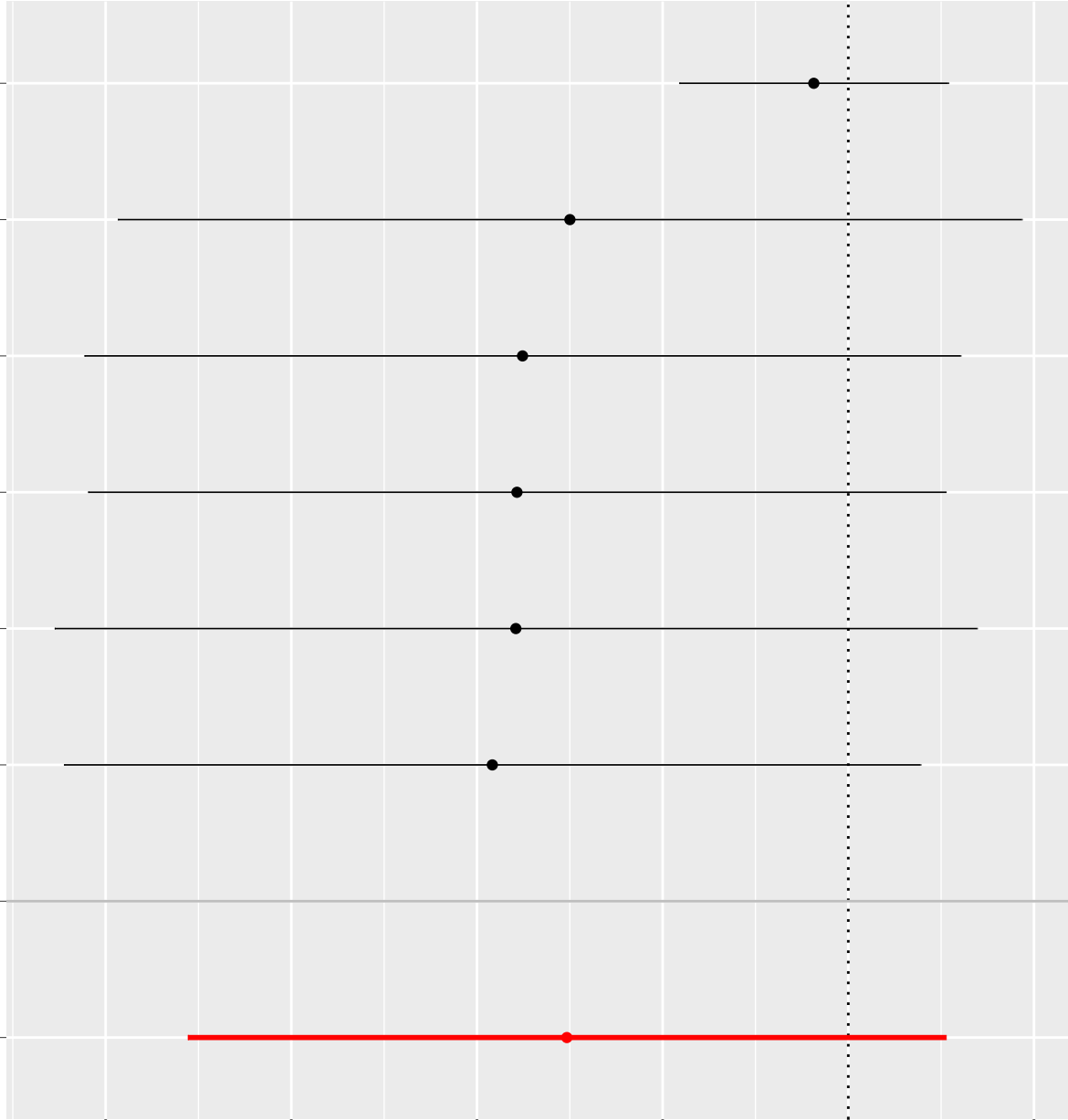
-1.0

-0.5

0.0

0.5

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Cholesterol esters in medium LDL || id:905'



rs6857

rs693839

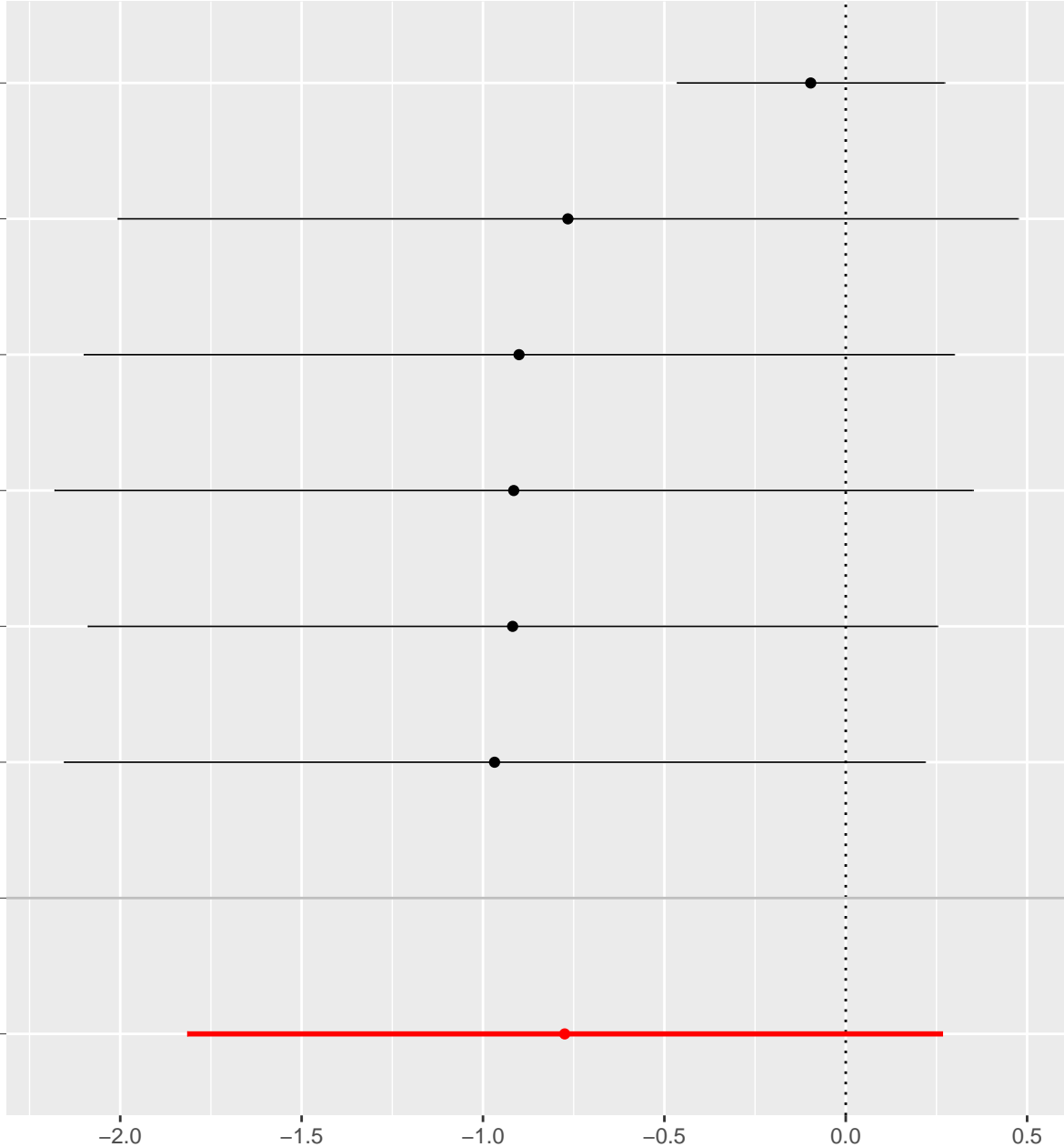
rs6738627

rs2943650

rs6728726

rs9906944

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total lipids in medium LDL || id:906'

rs6857

rs693839

rs6738627

rs2943650

rs6728726

rs9906944

All

-2.0

-1.5

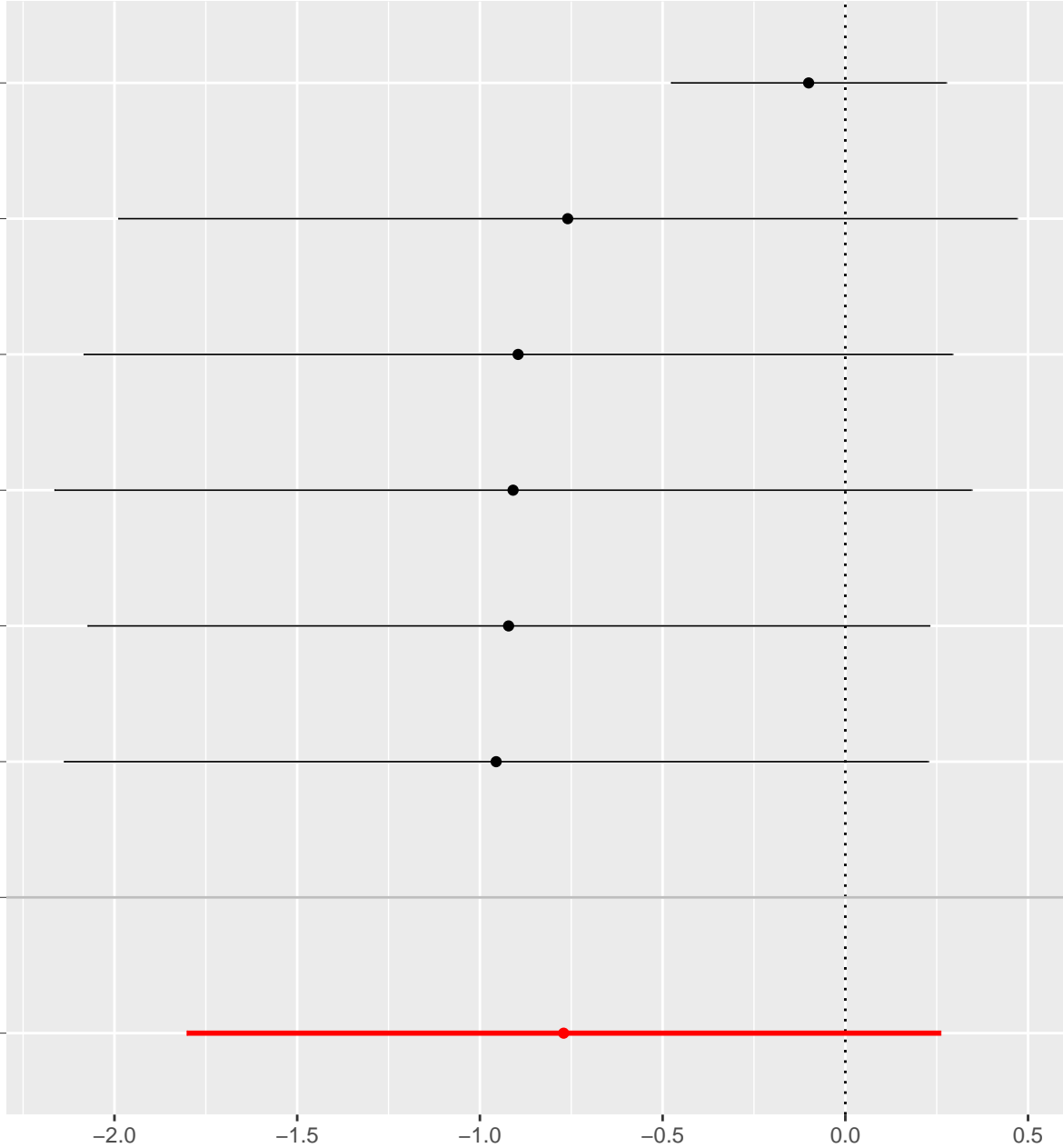
-1.0

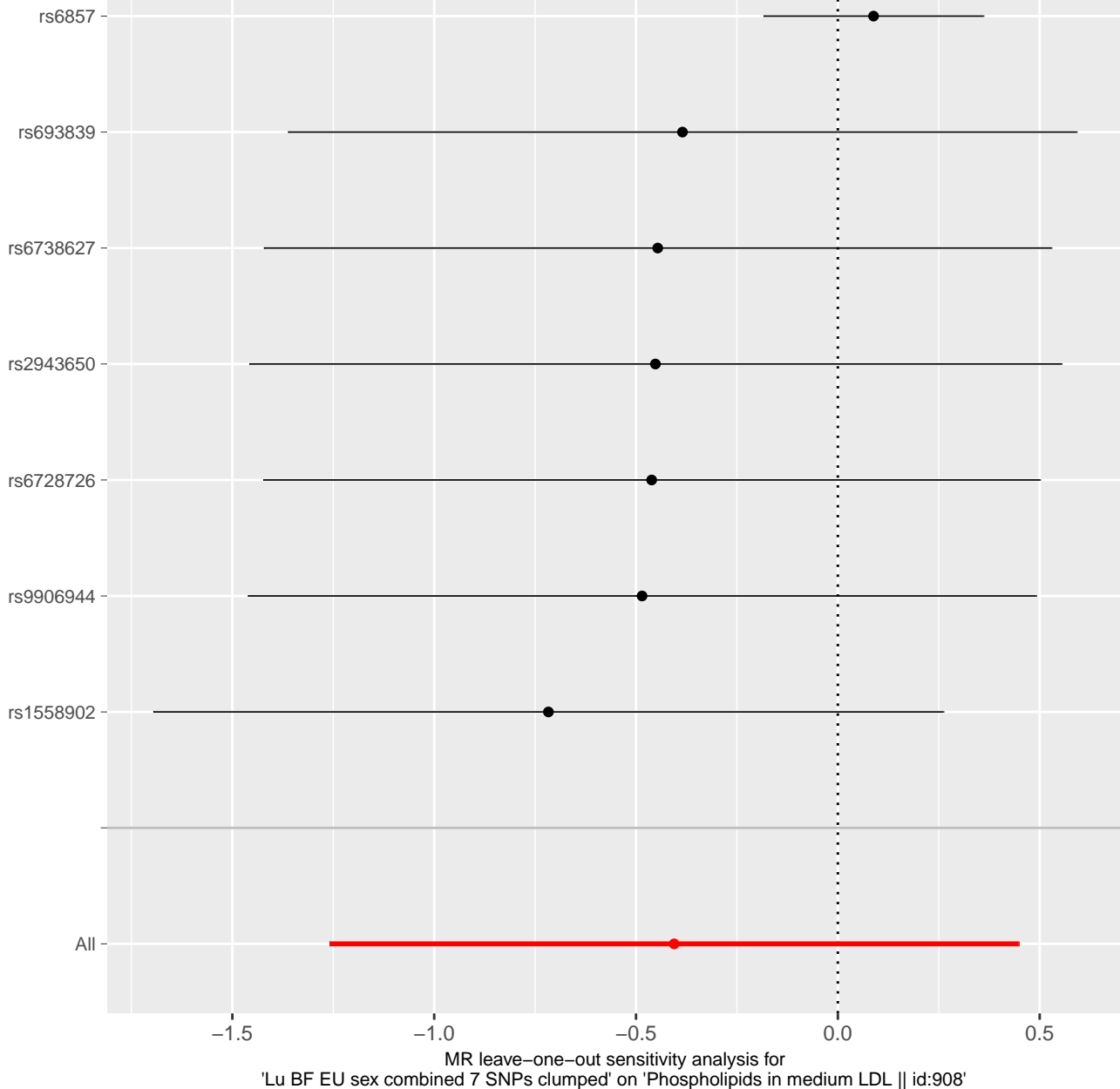
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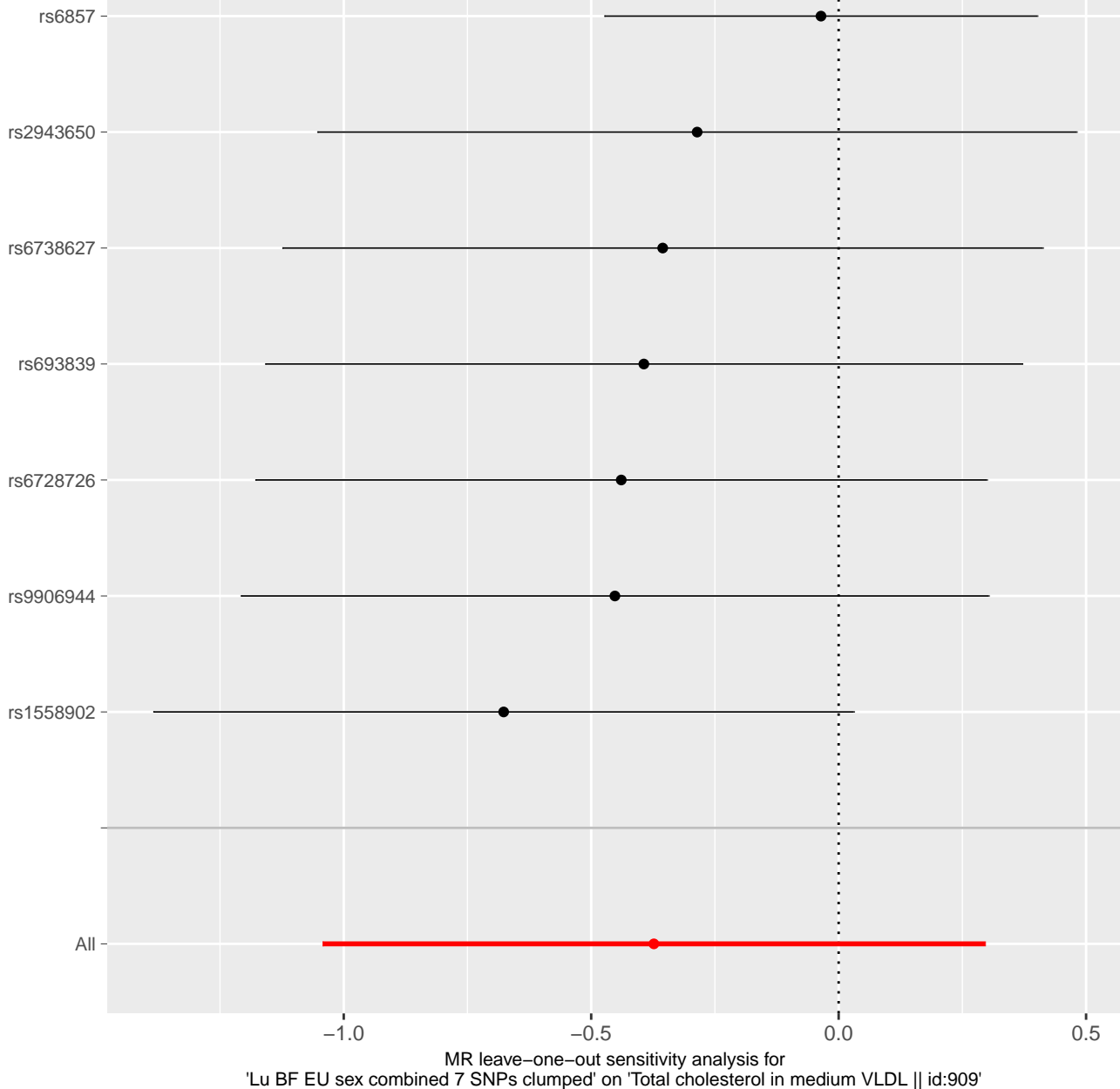
0.0

0.5

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Concentration of medium LDL particles || id:907'









rs6857

rs2943650

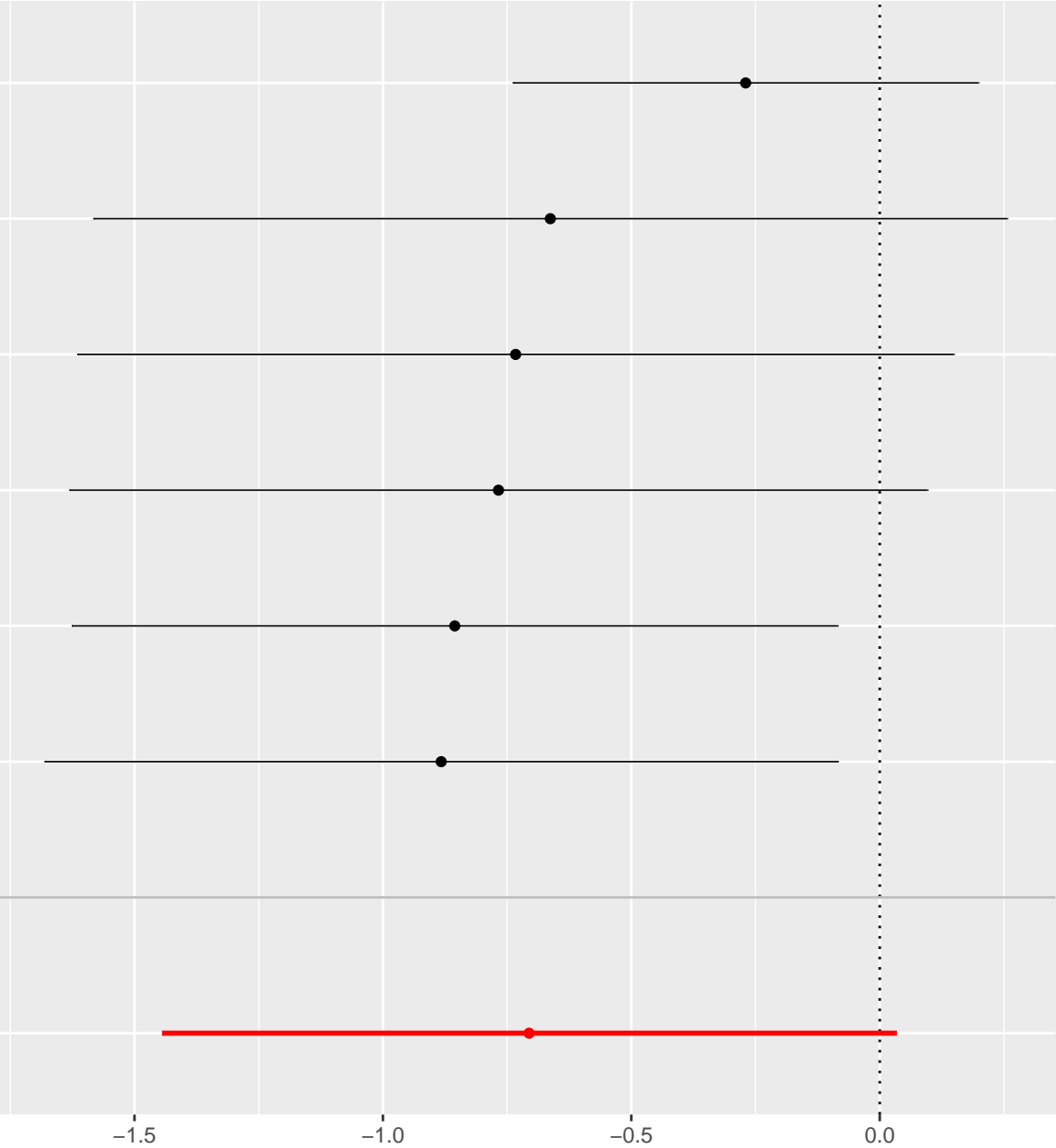
rs6738627

rs693839

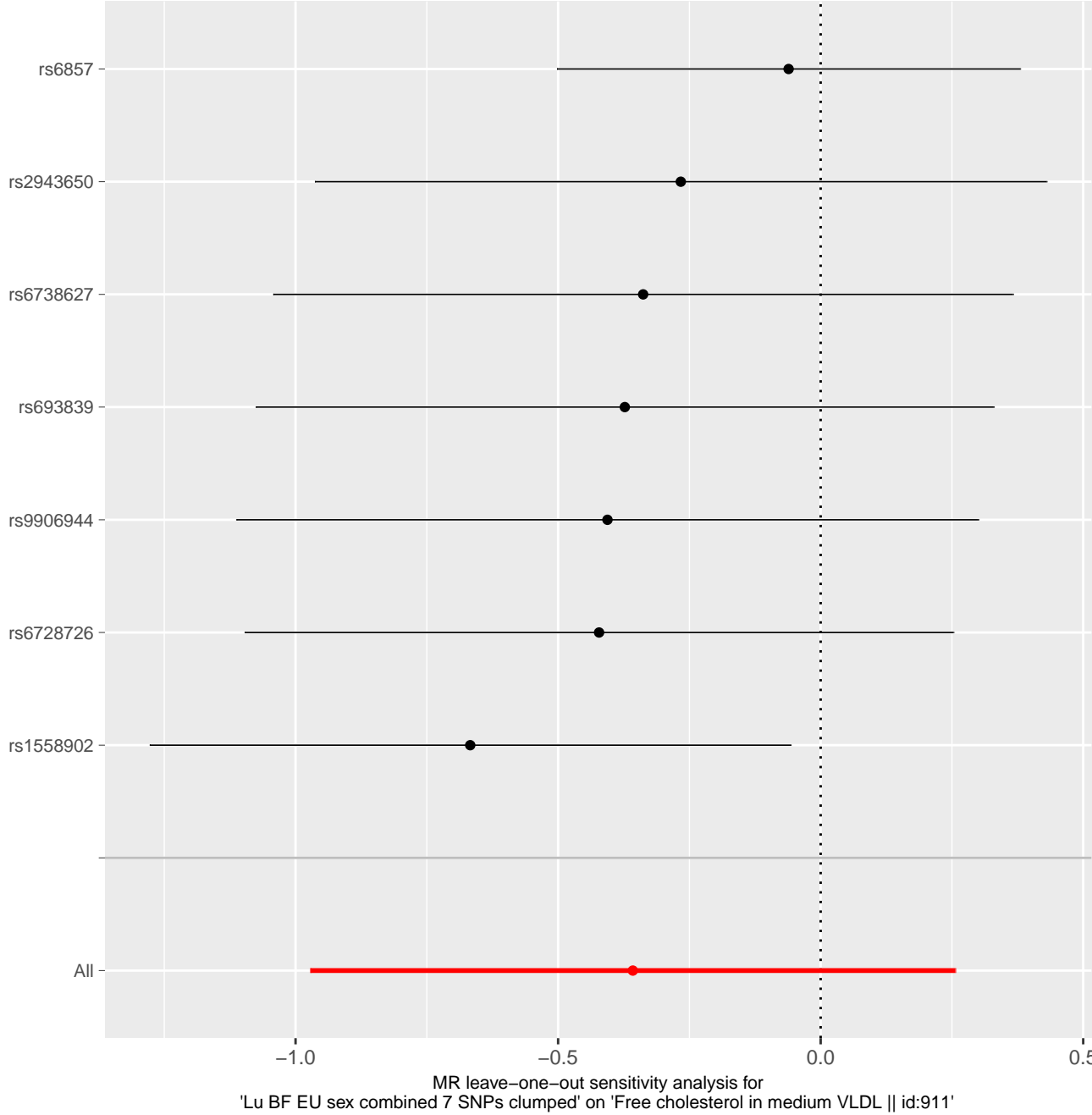
rs6728726

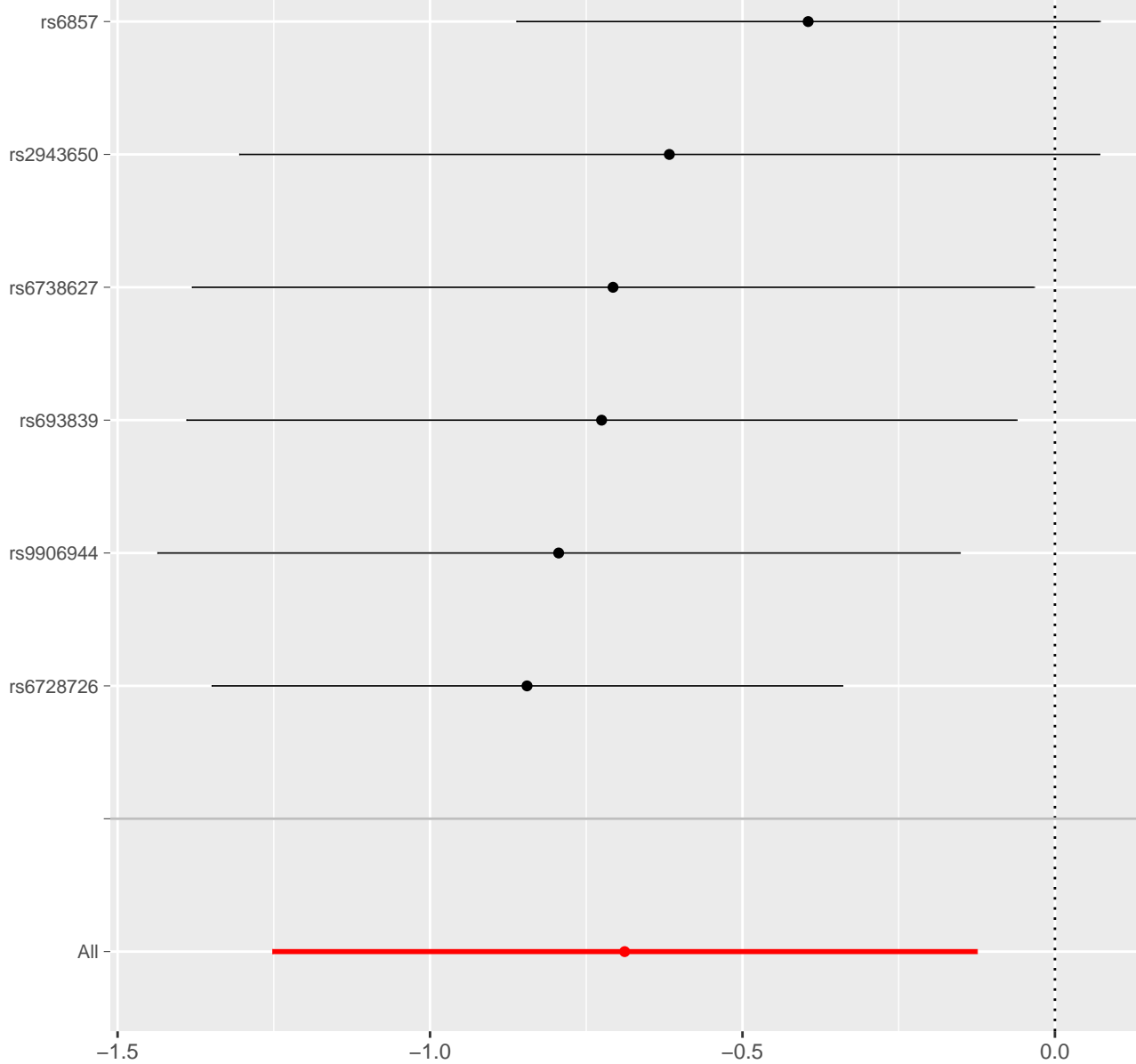
rs9906944

All

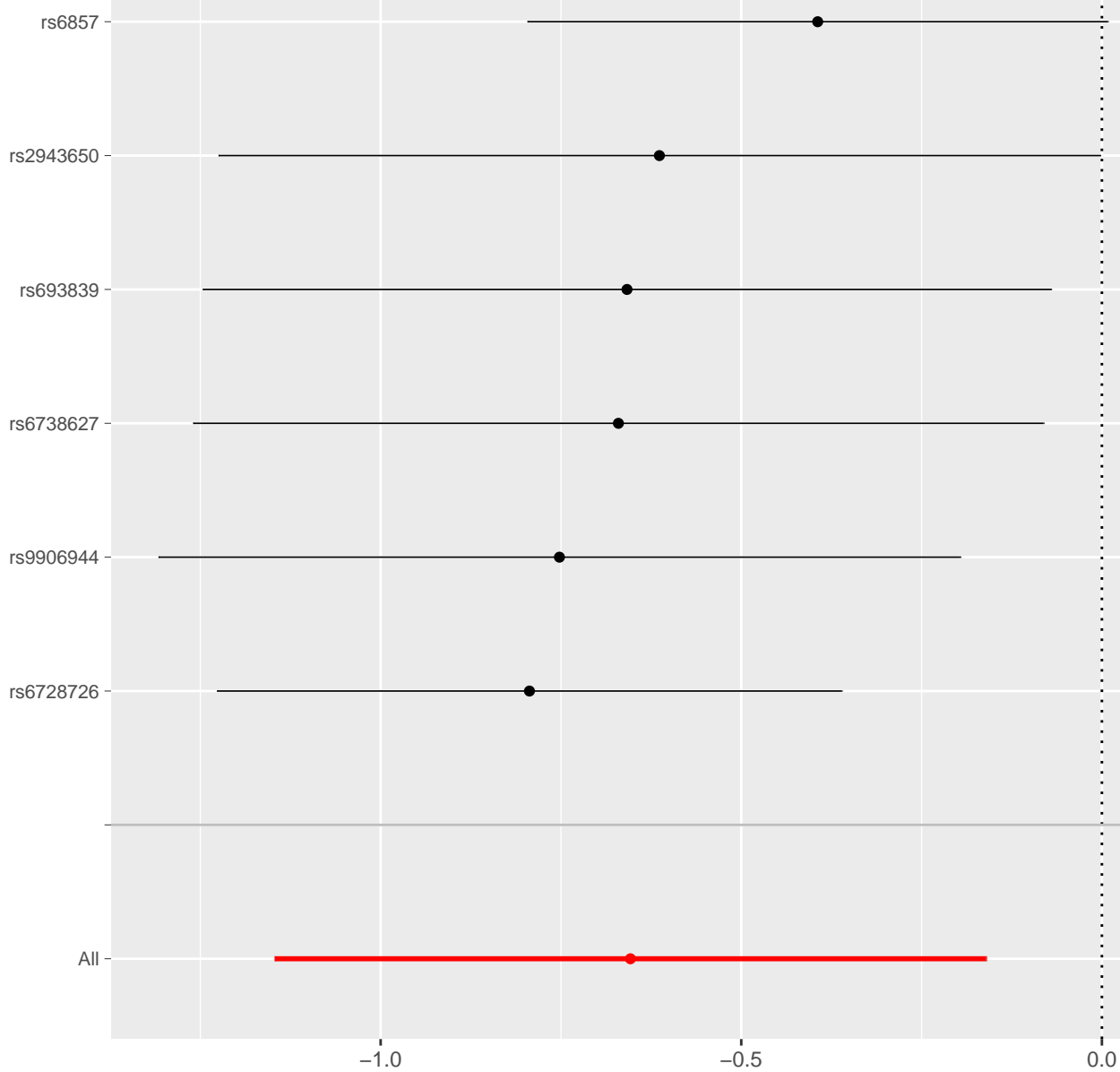


MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Cholesterol esters in medium VLDL || id:910'

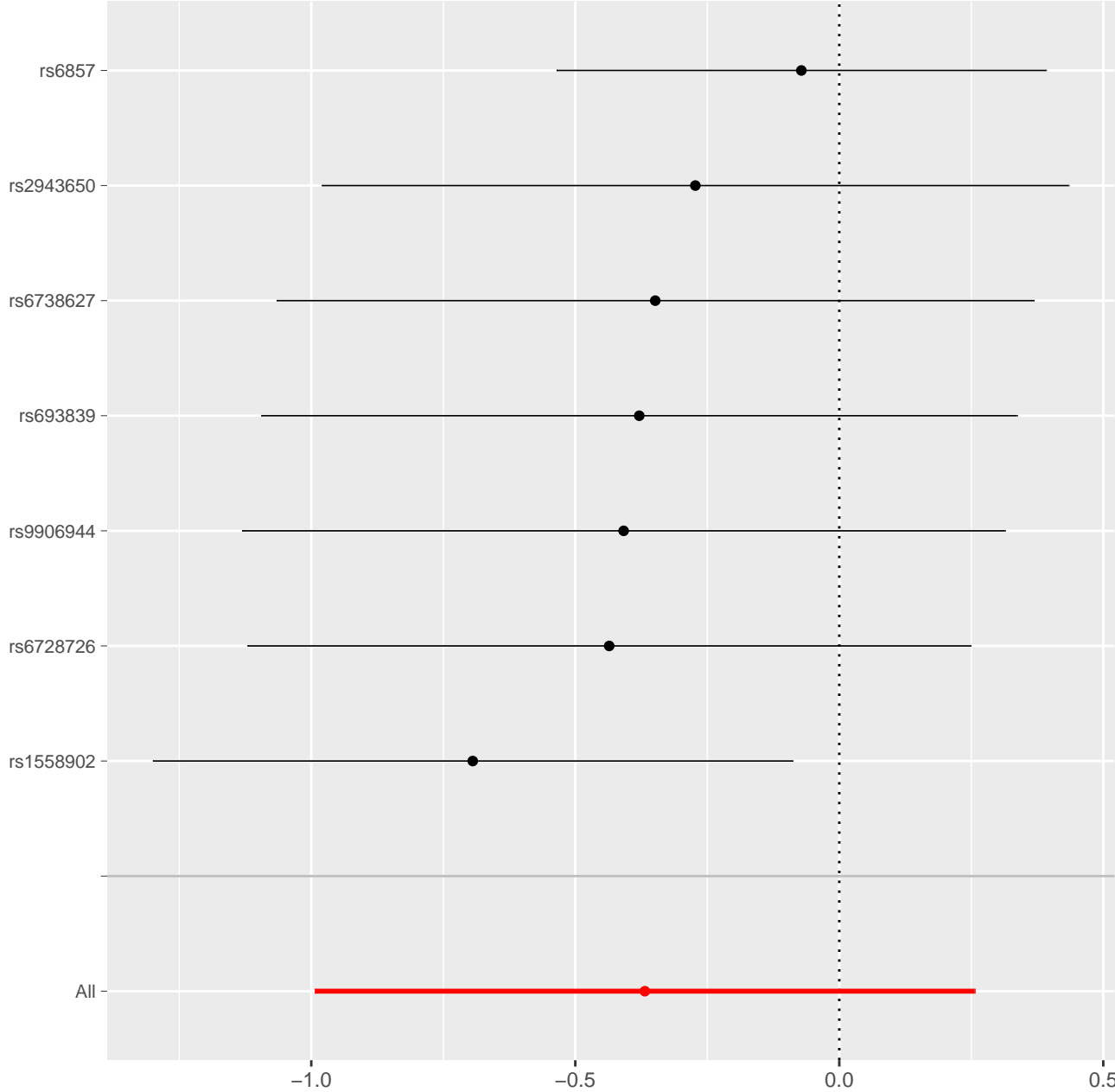




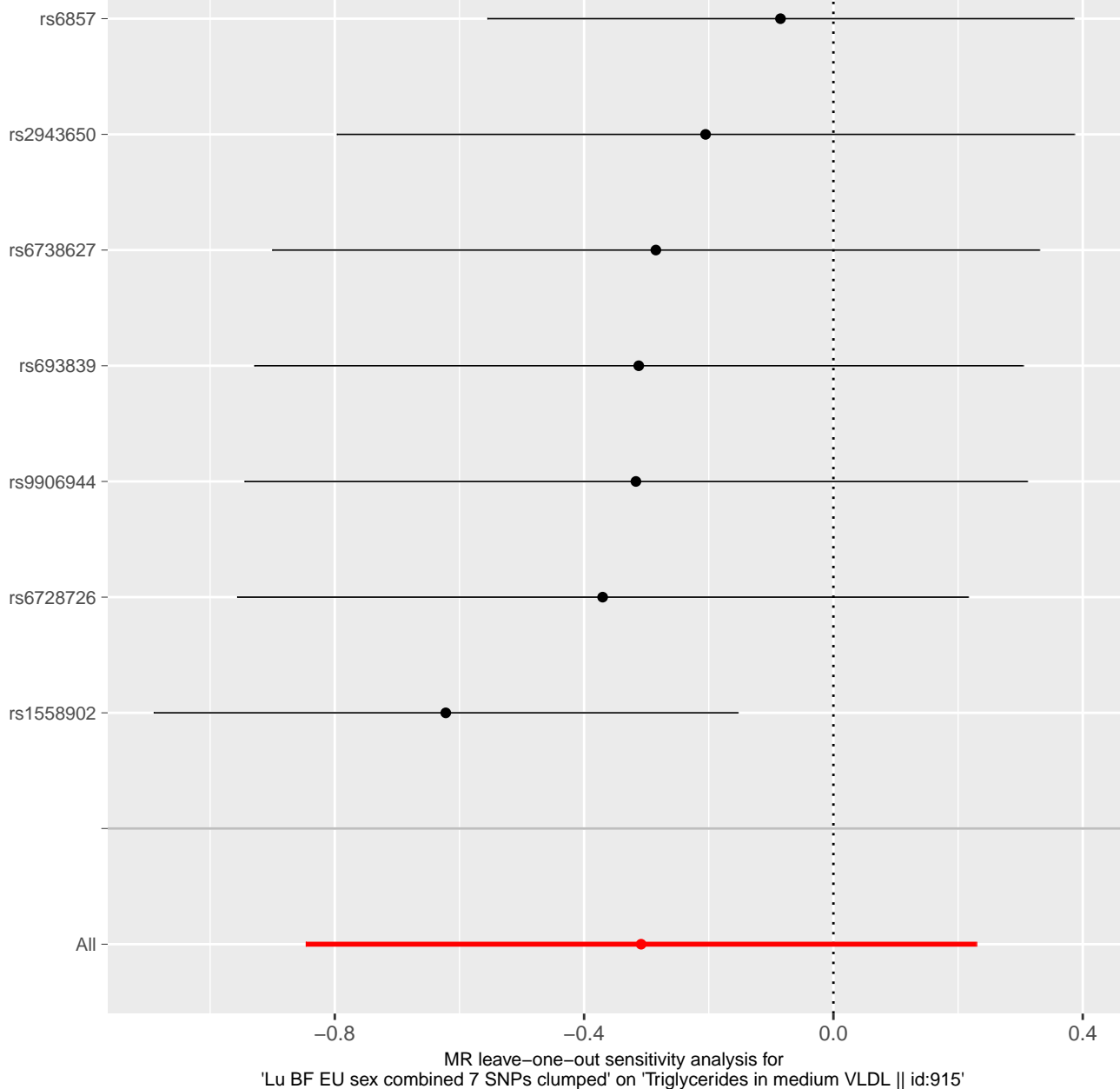
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total lipids in medium VLDL || id:912'

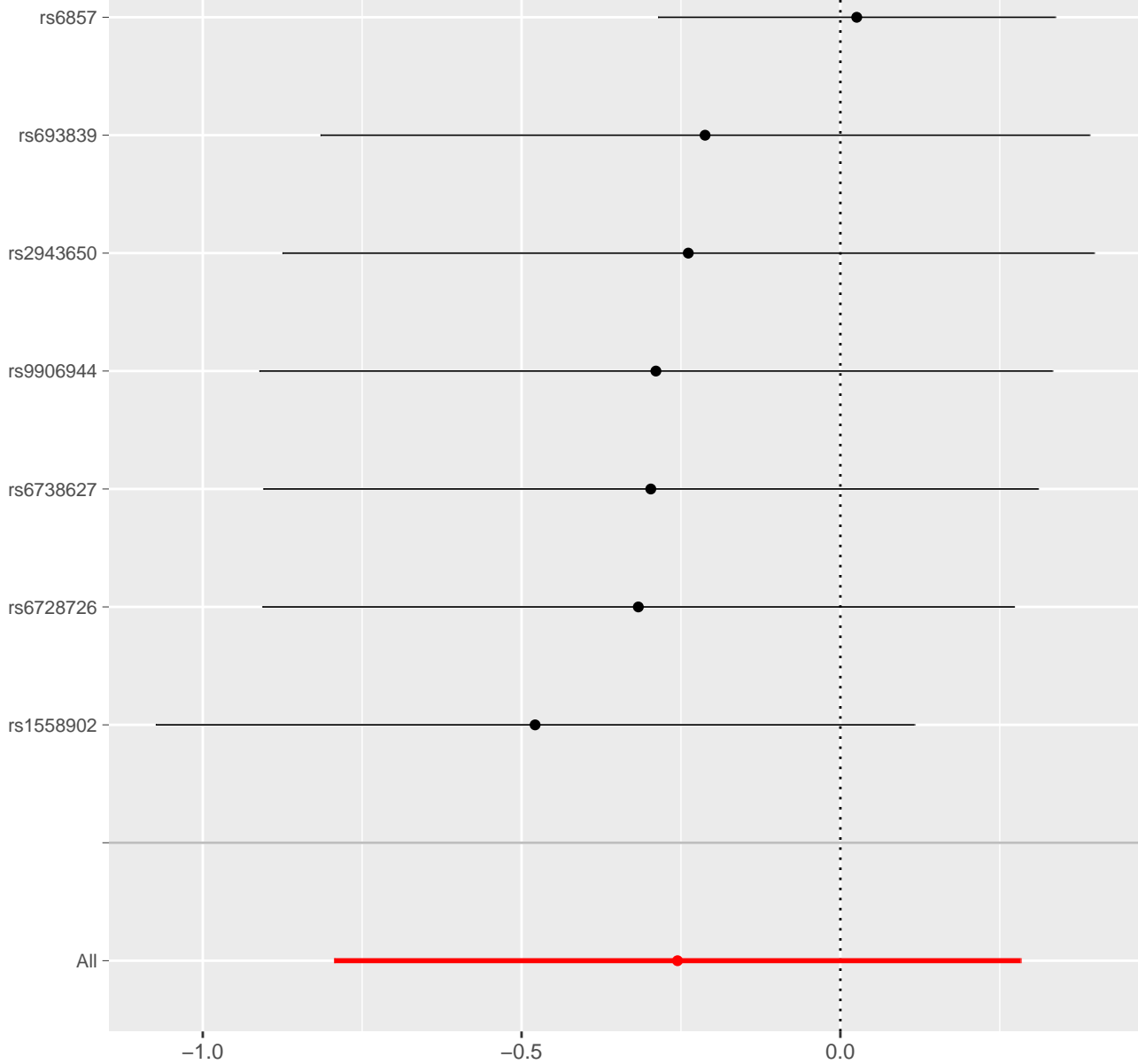


MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Concentration of medium VLDL particles || id:913'

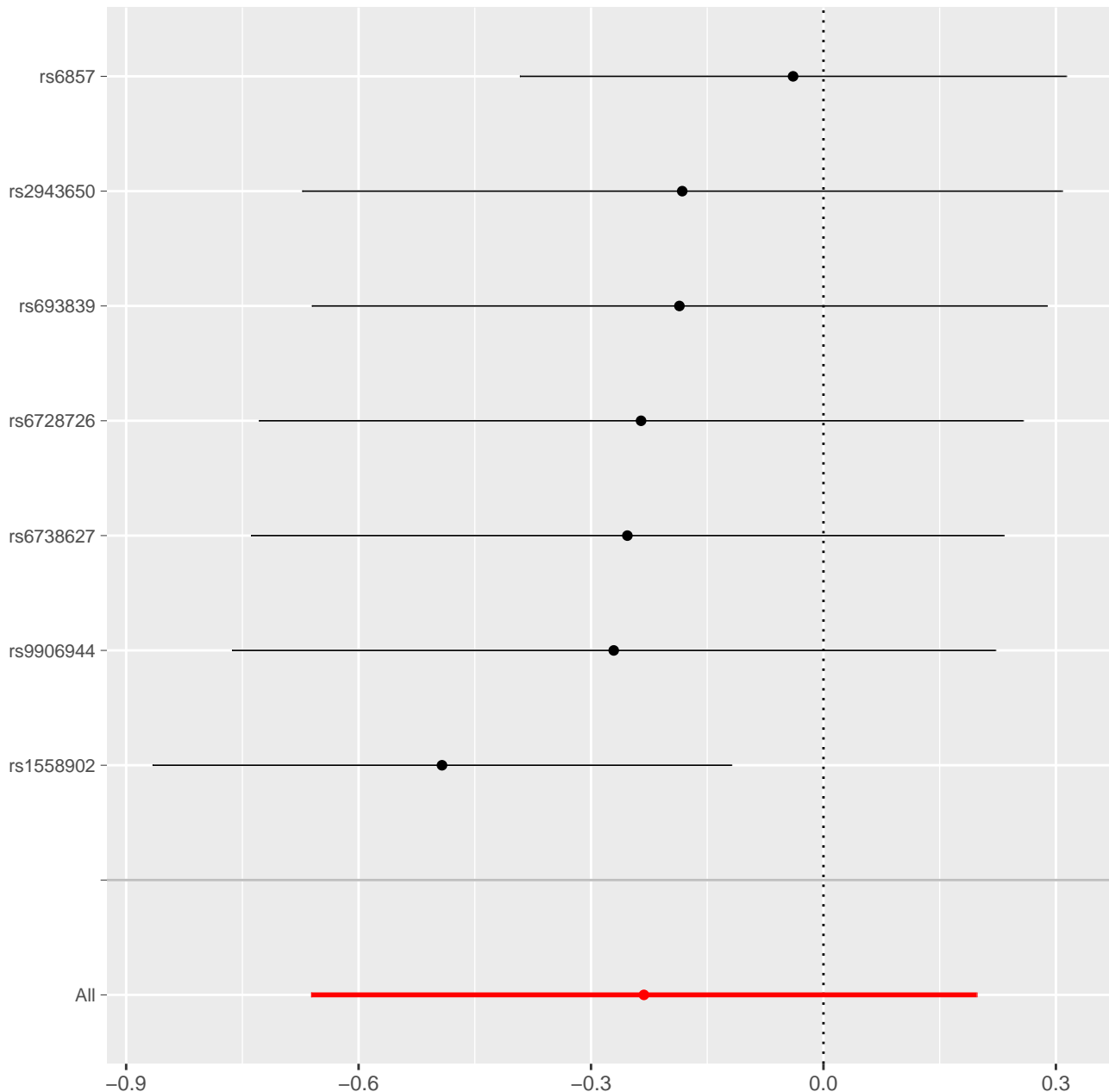


MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Phospholipids in medium VLDL || id:914'



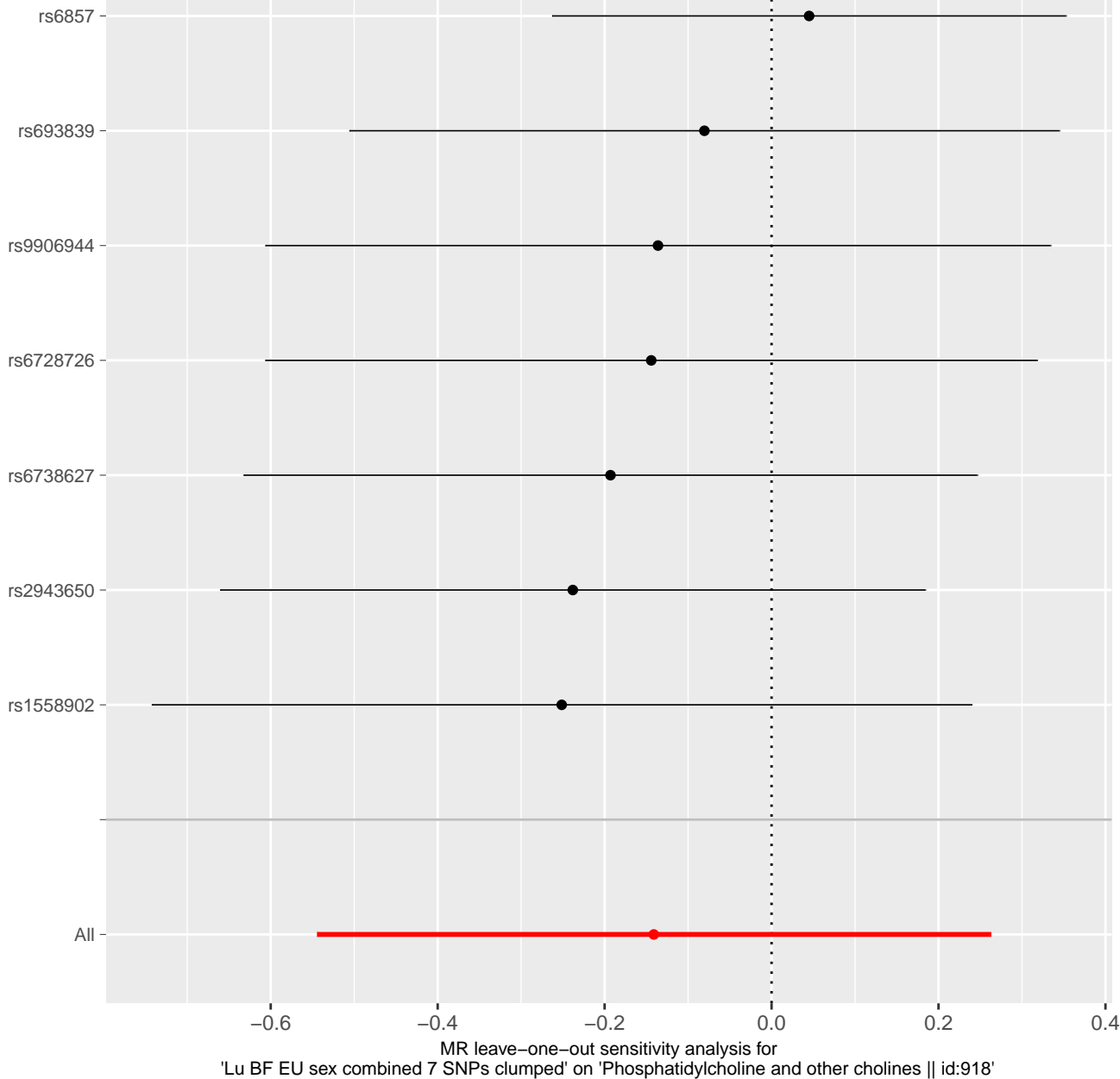


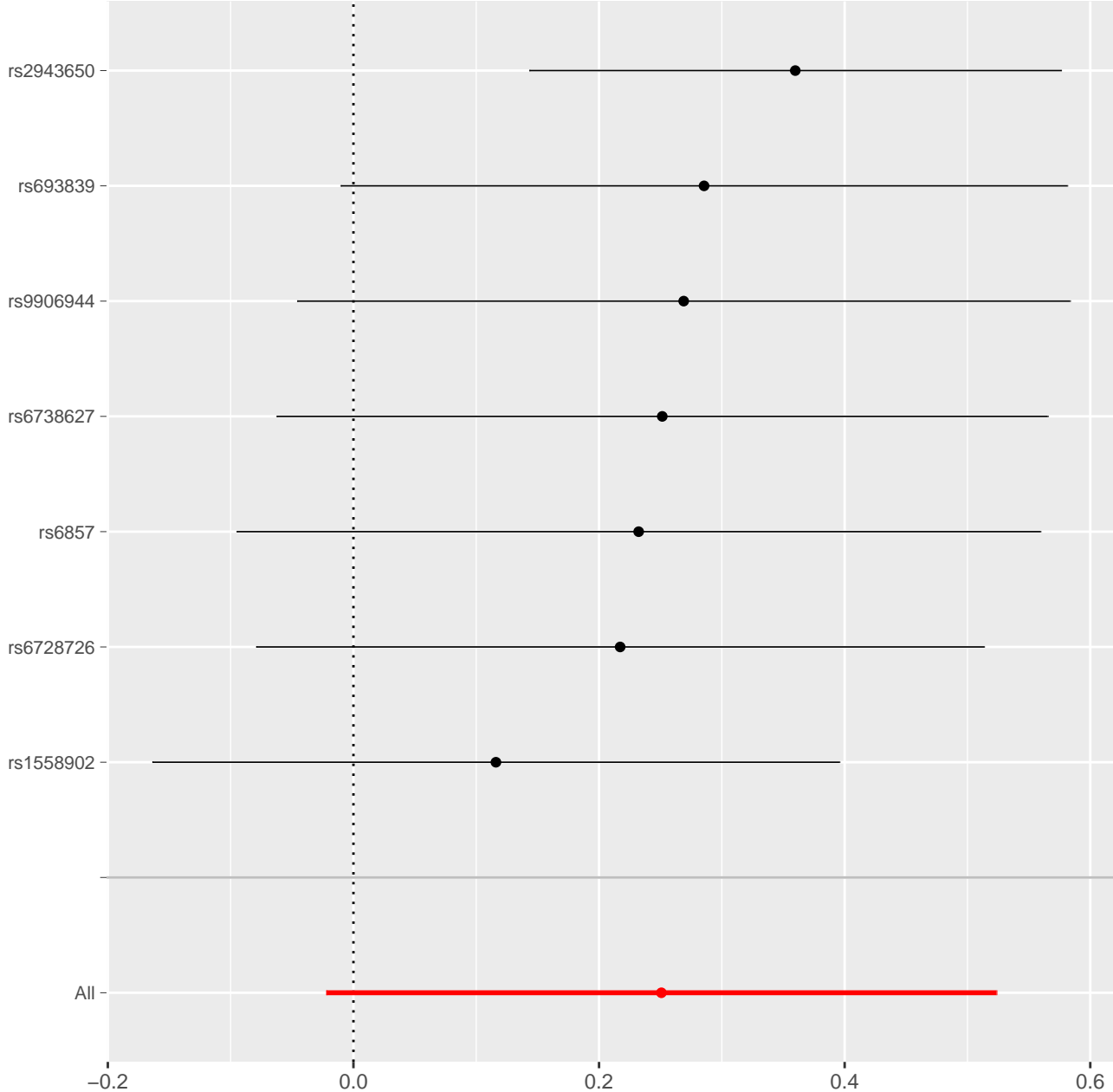
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Mono-unsaturated fatty acids || id:916'

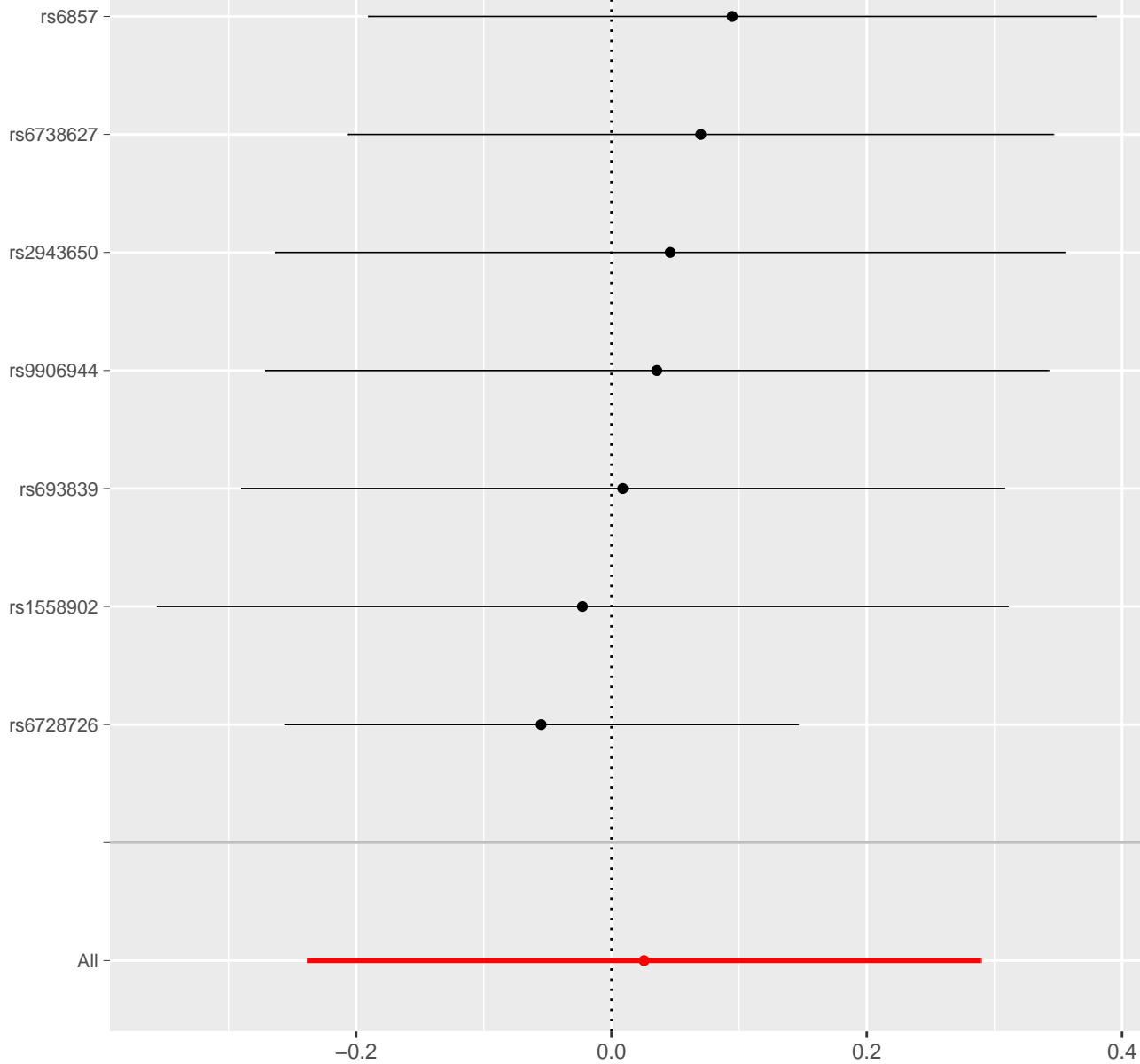


MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Other polyunsaturated fatty acids than 18:2 || id:917'

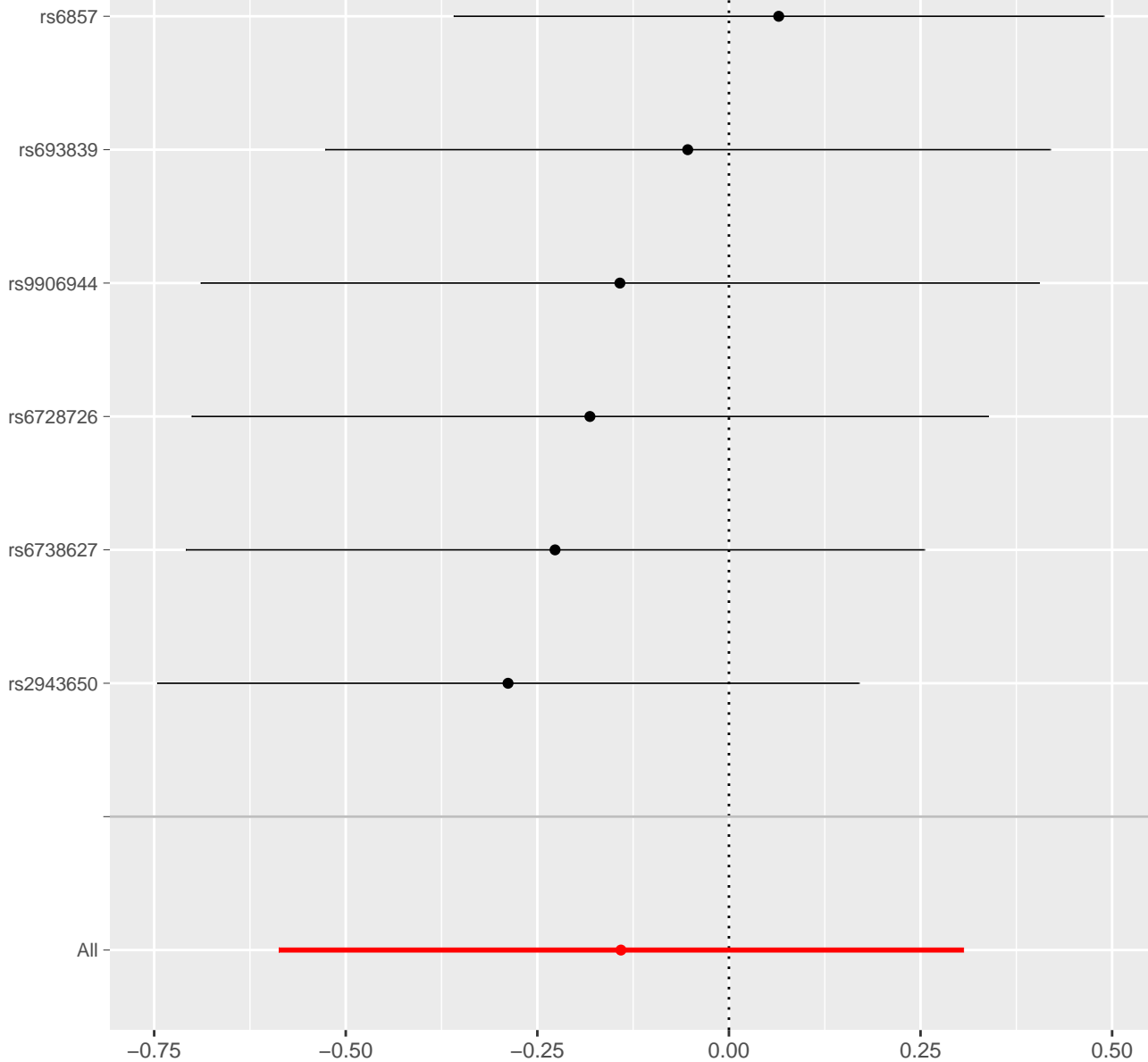








MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Pyruvate || id:920'



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total lipids in small HDL || id:921'

rs6857

rs693839

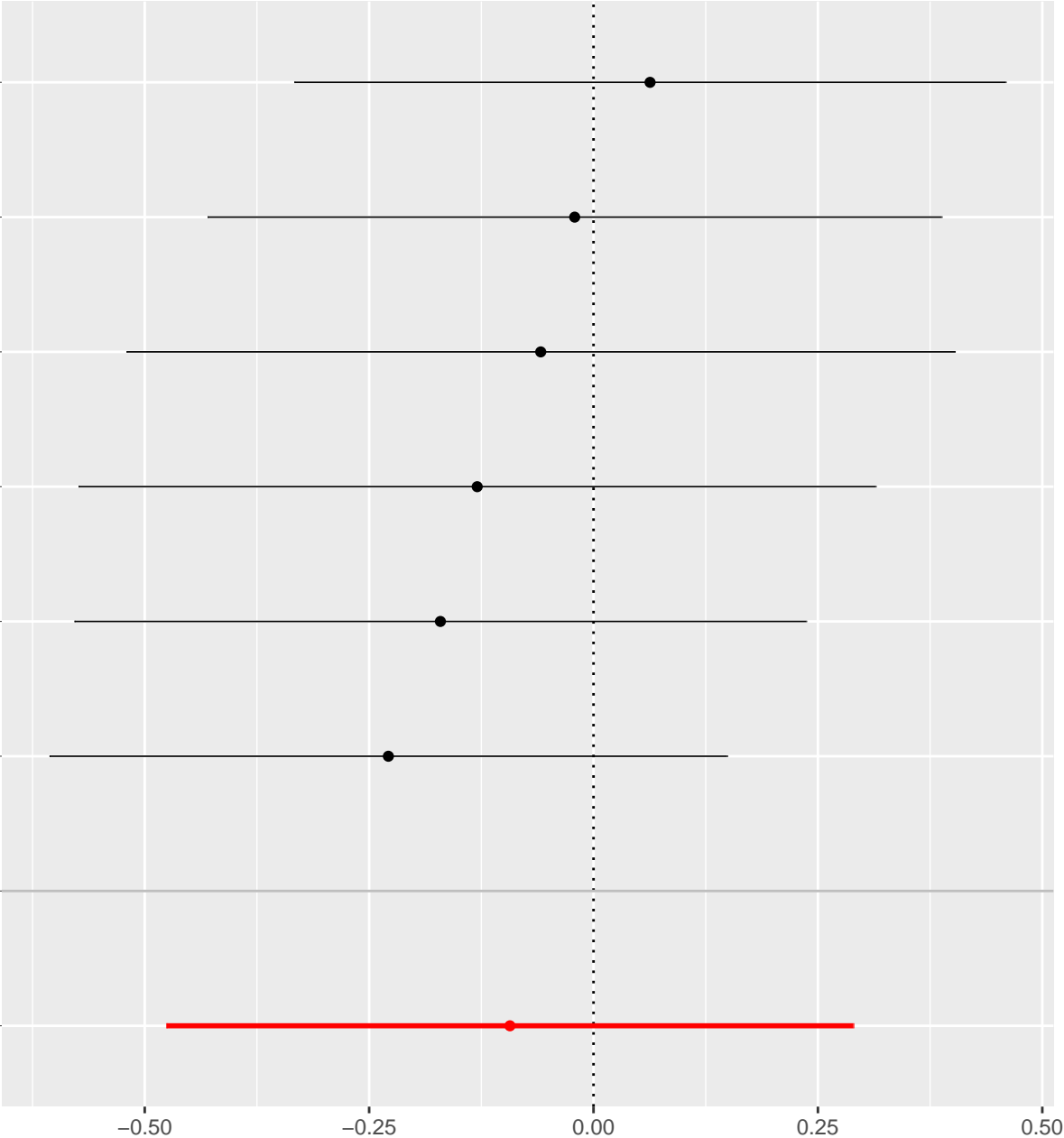
rs9906944

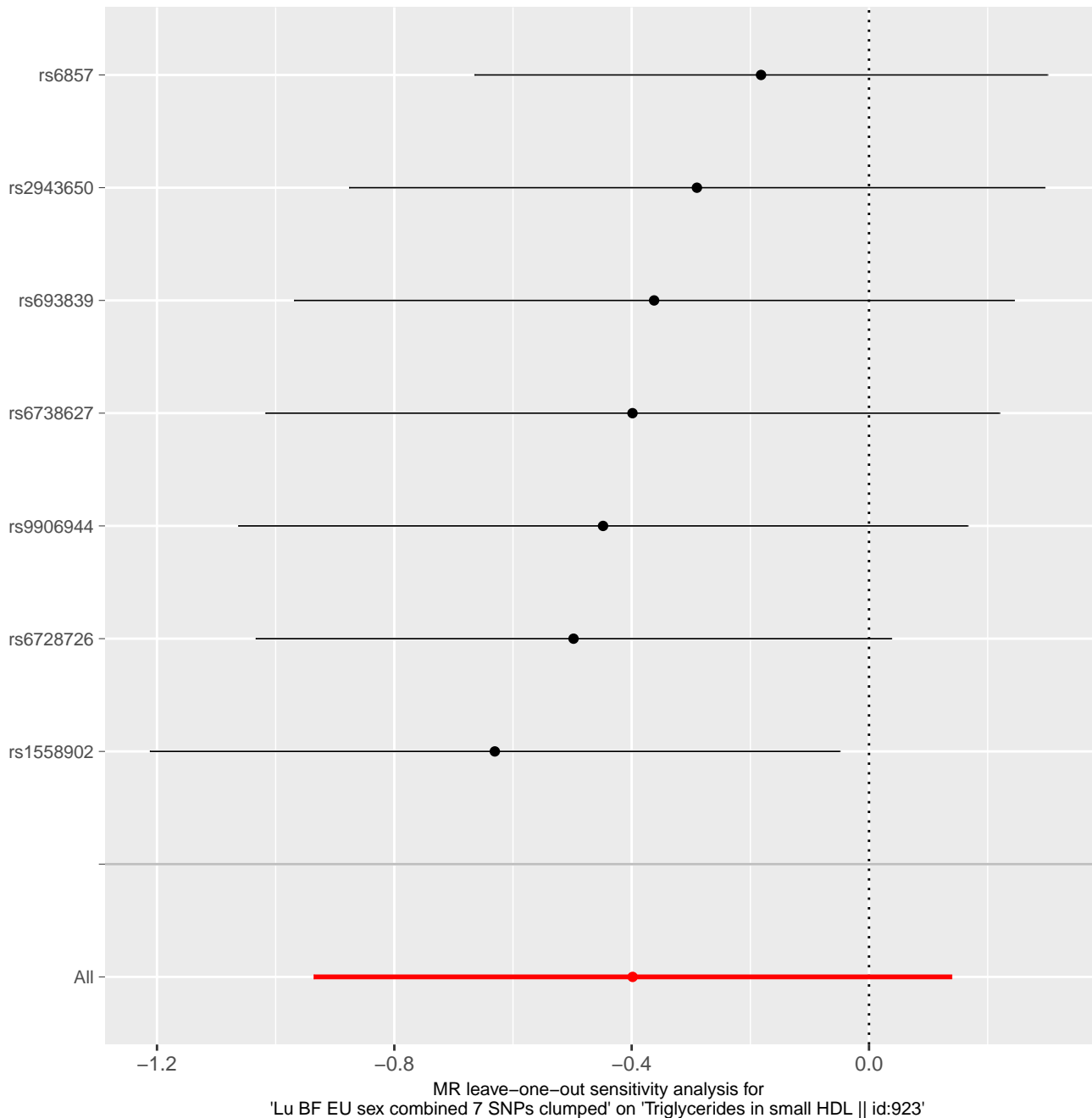
rs6728726

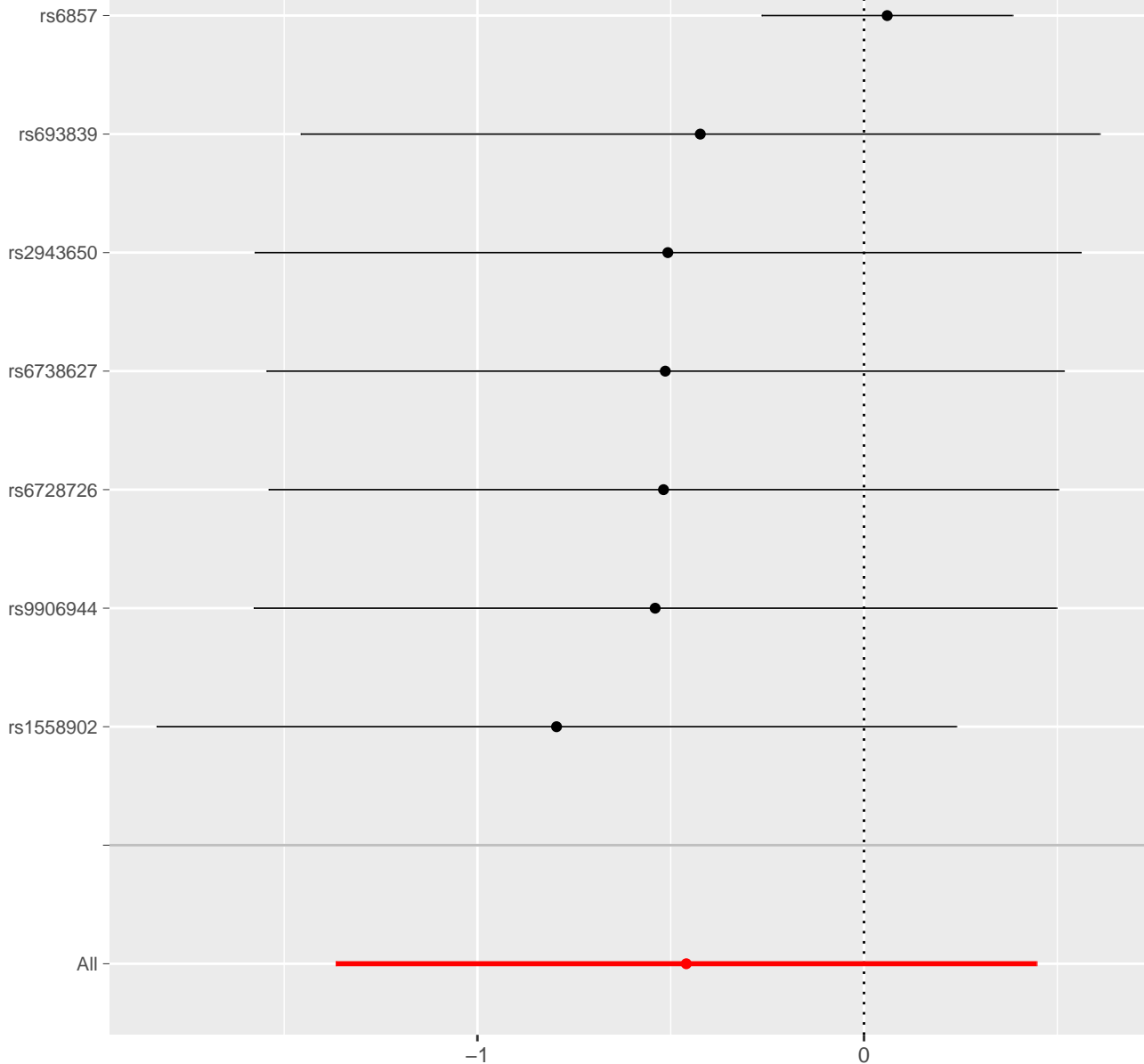
rs6738627

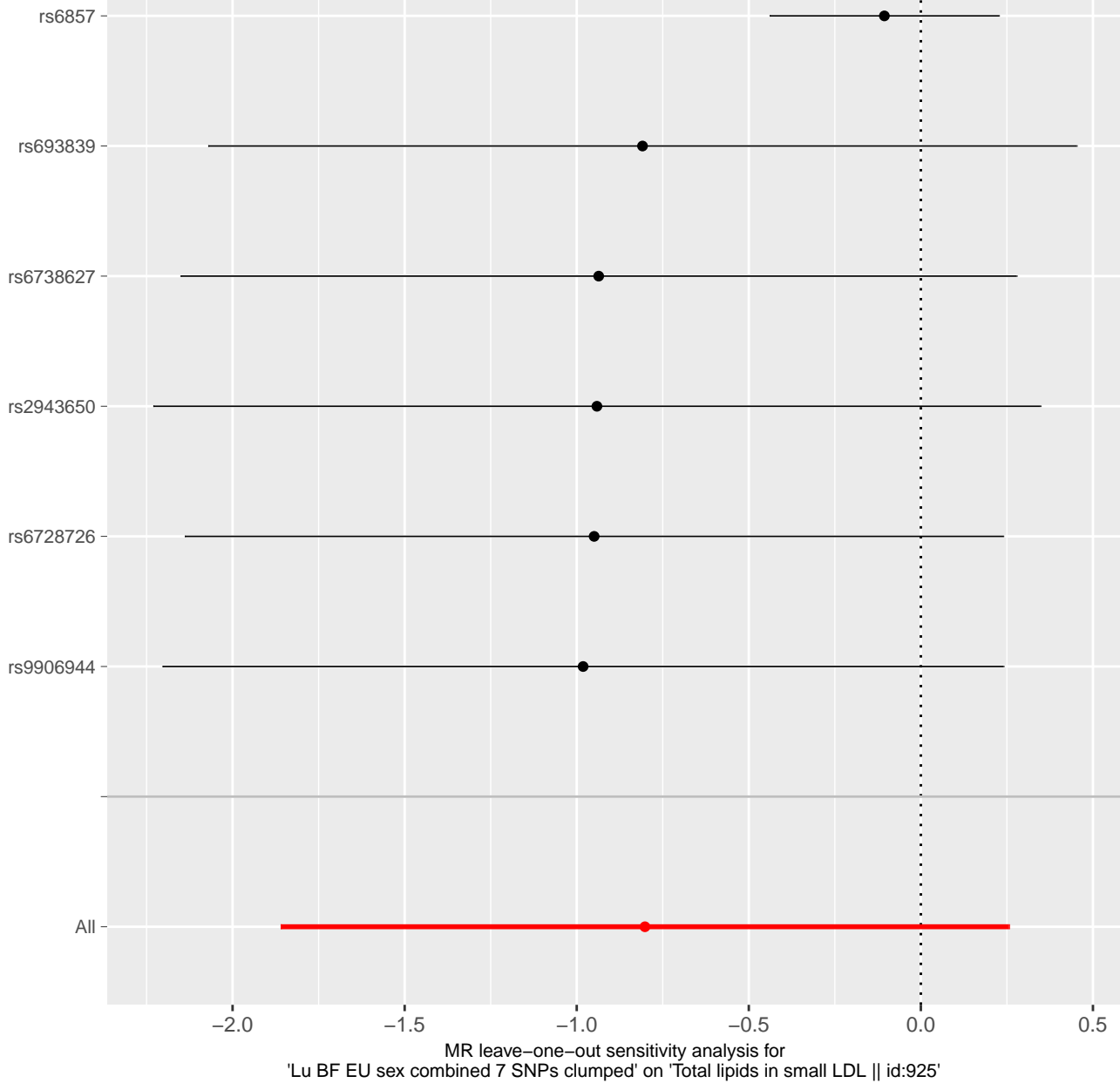
rs2943650

All

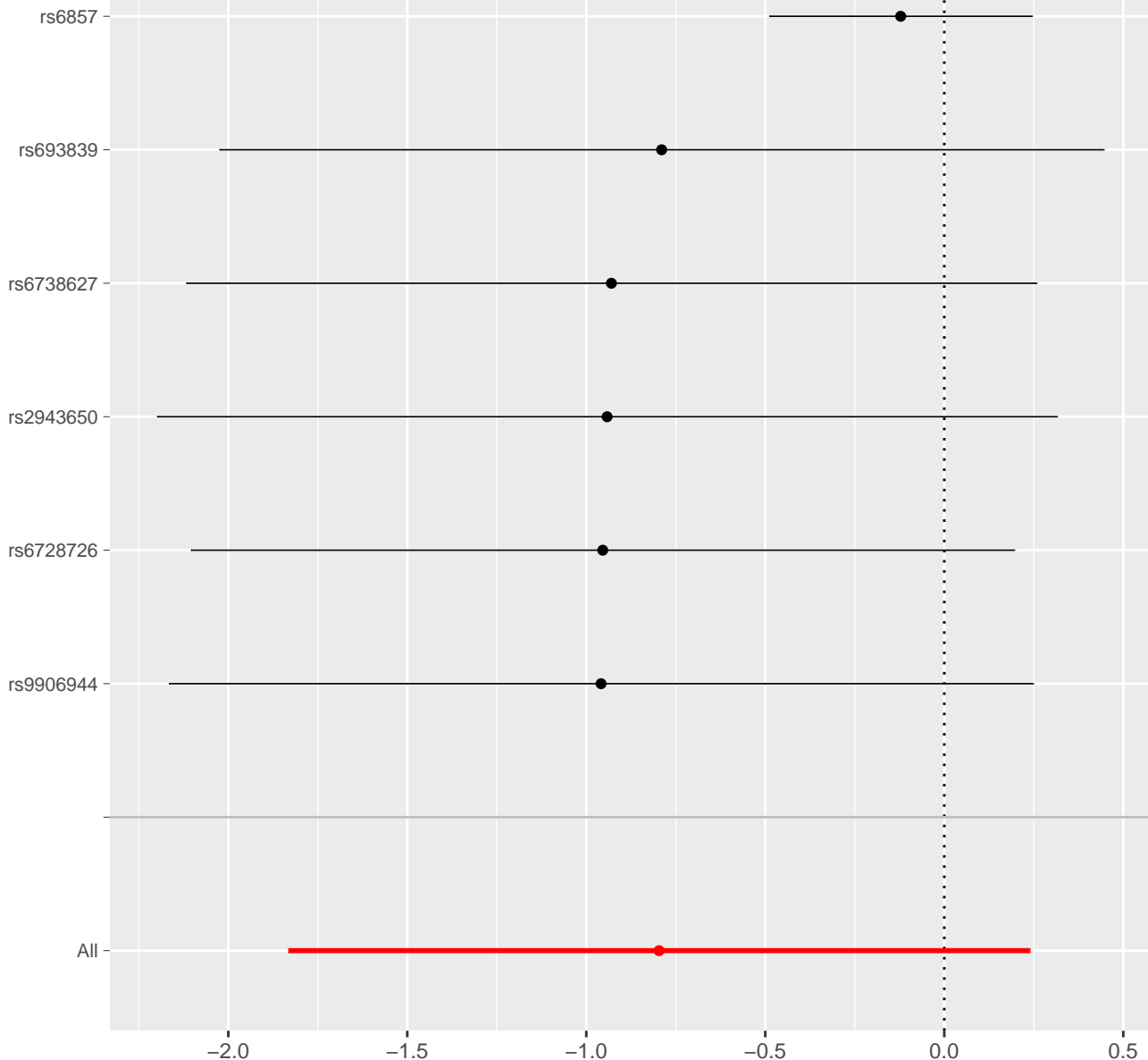




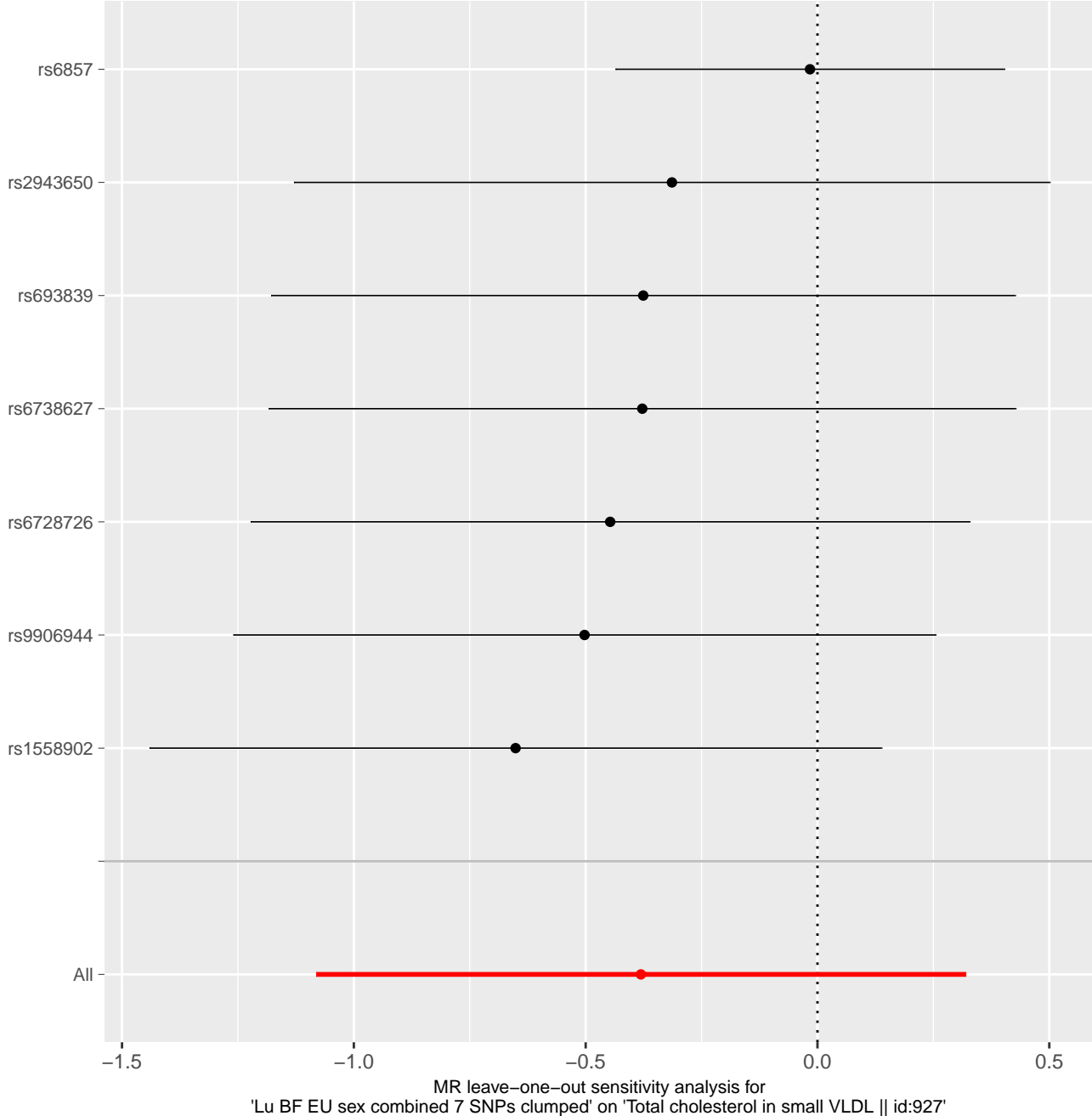


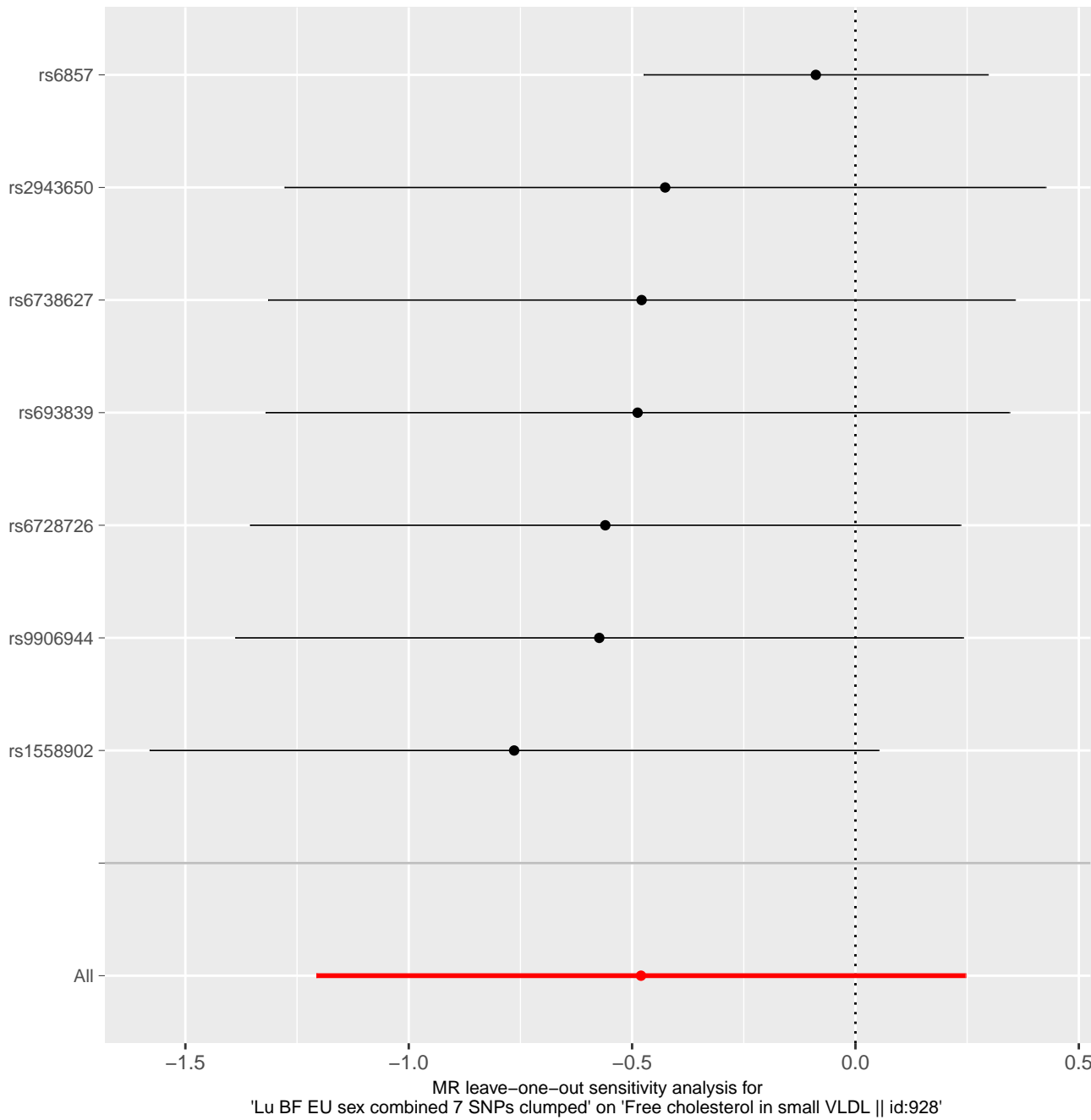






MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Concentration of small LDL particles || id:926'





rs6857

rs2943650

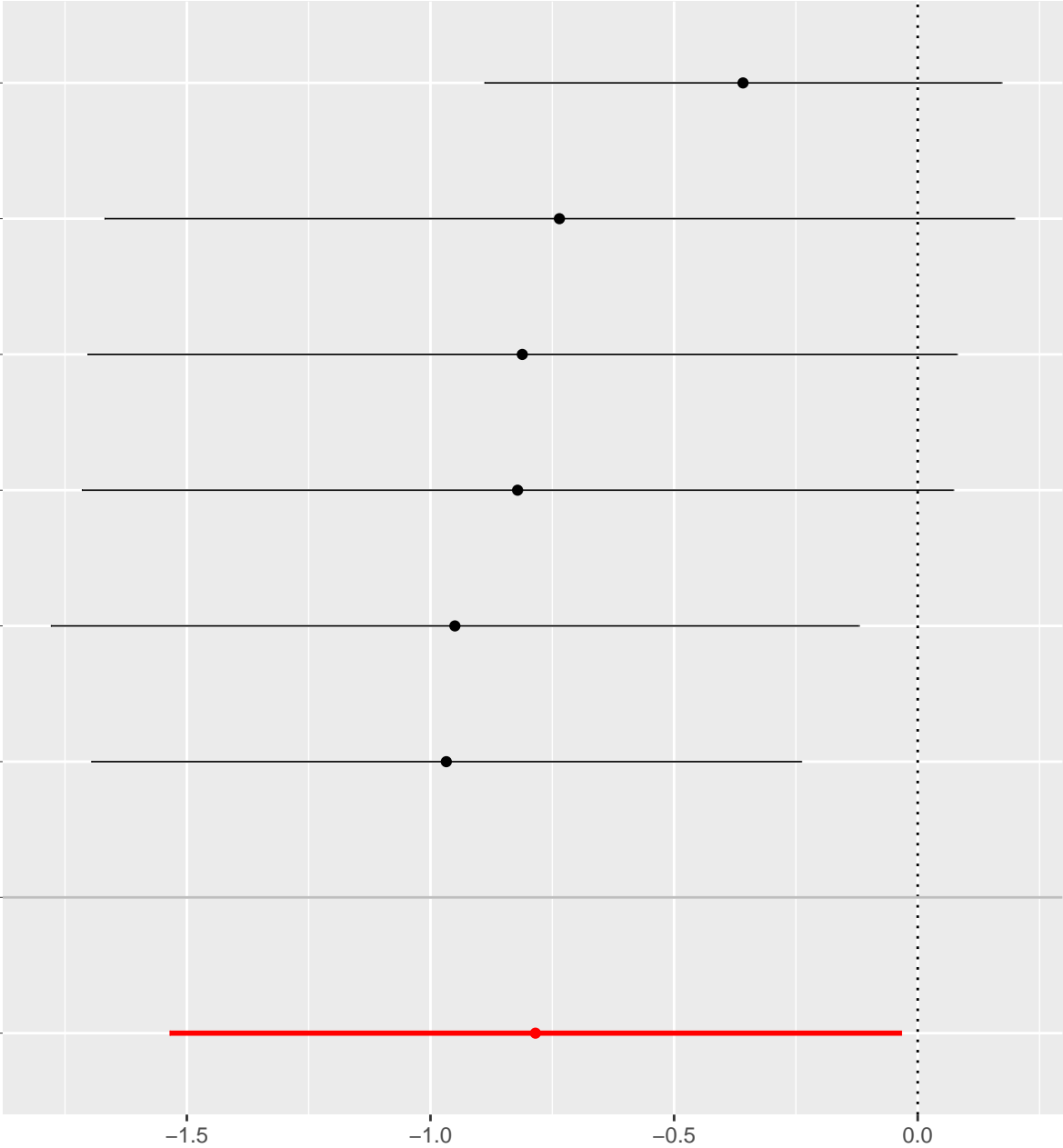
rs693839

rs6738627

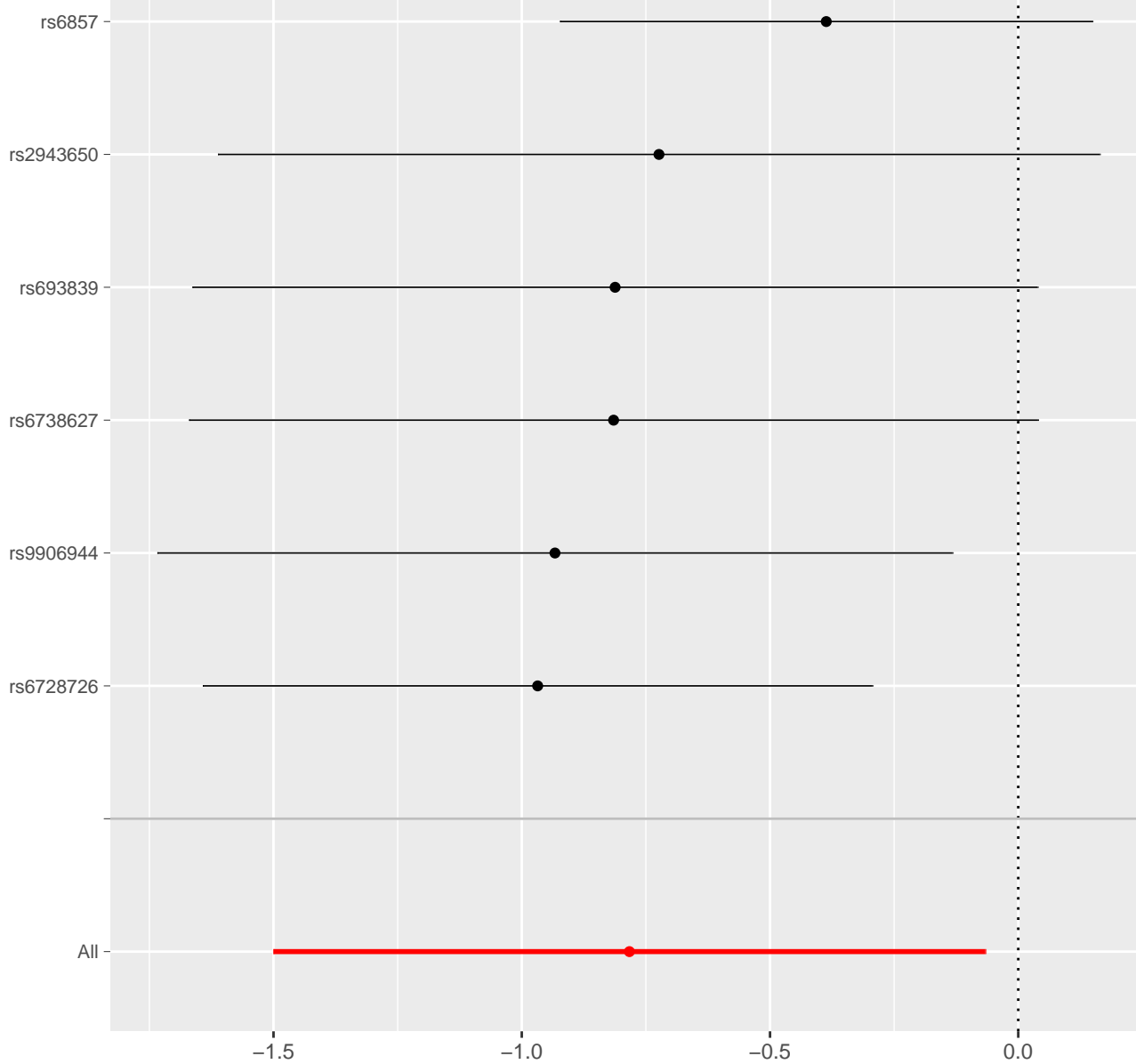
rs9906944

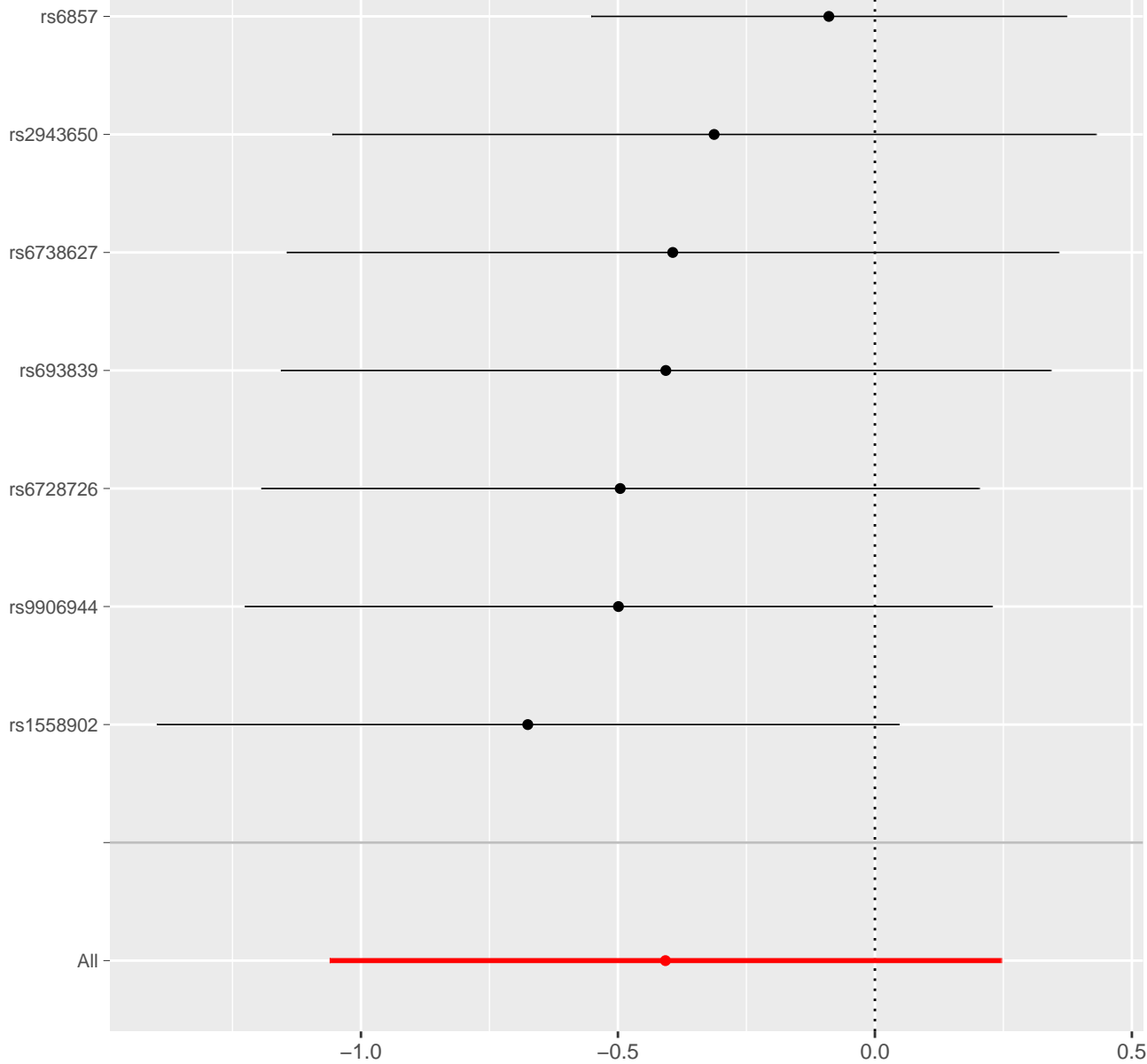
rs6728726

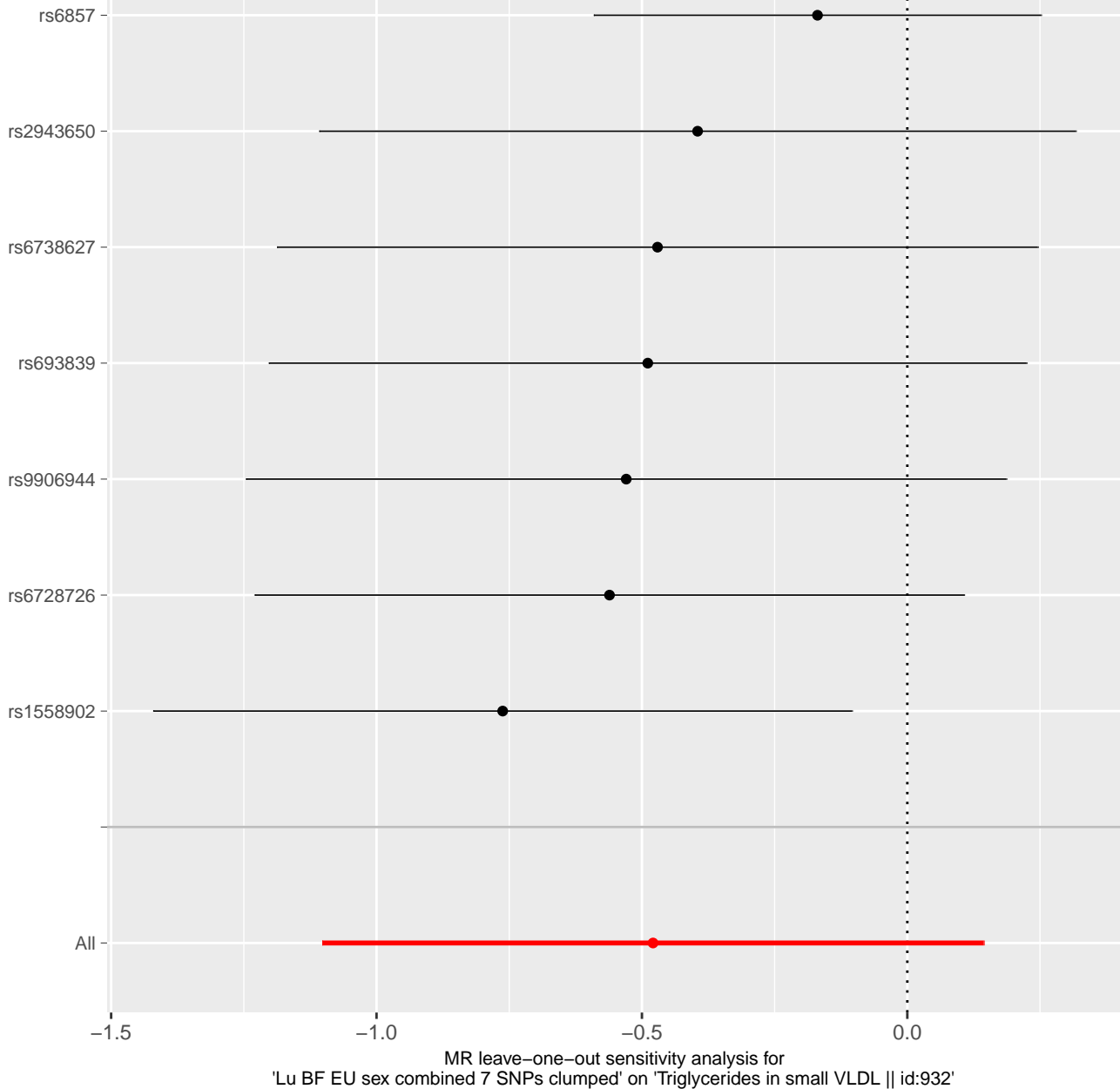
All

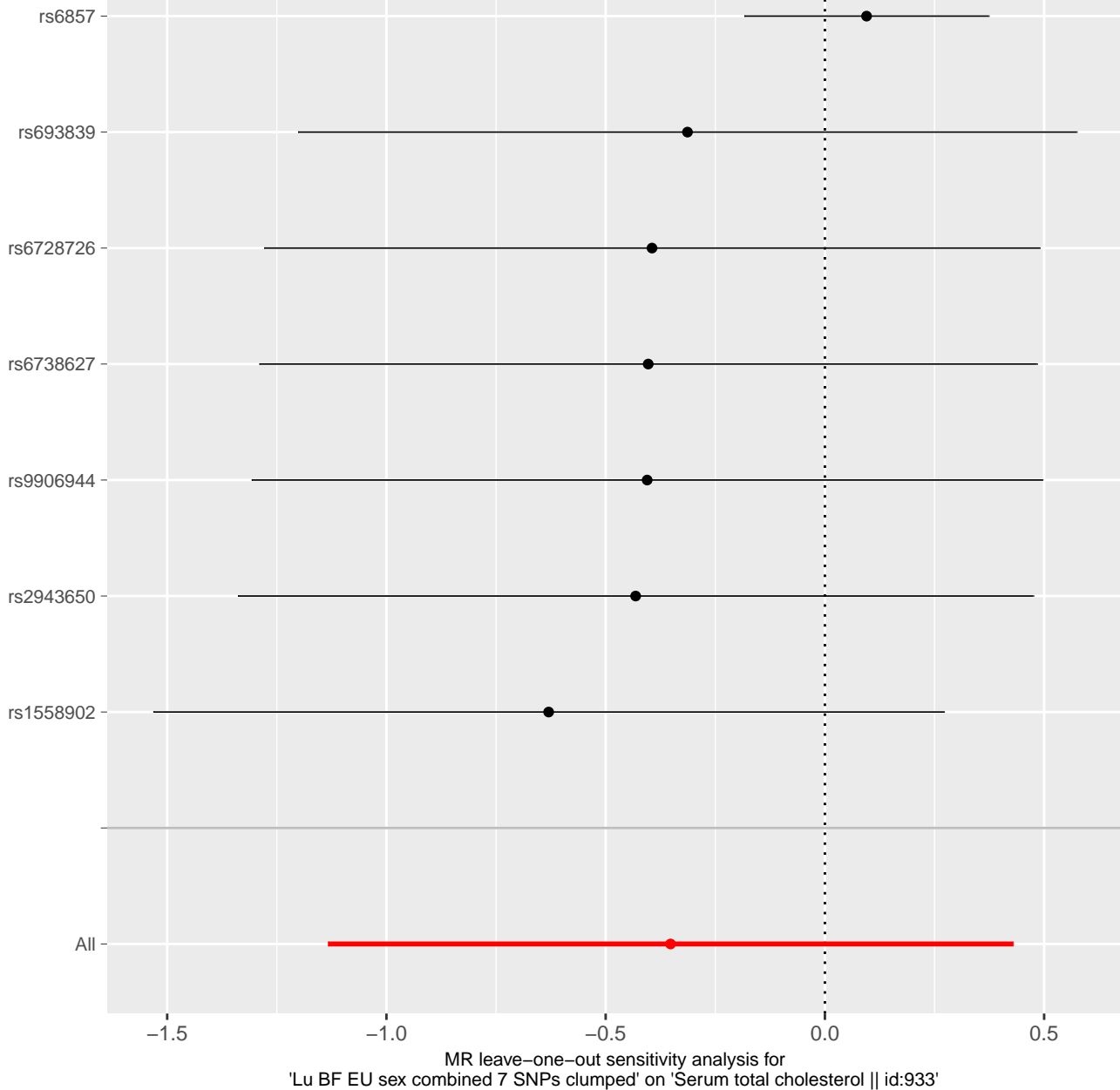


MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total lipids in small VLDL || id:929'

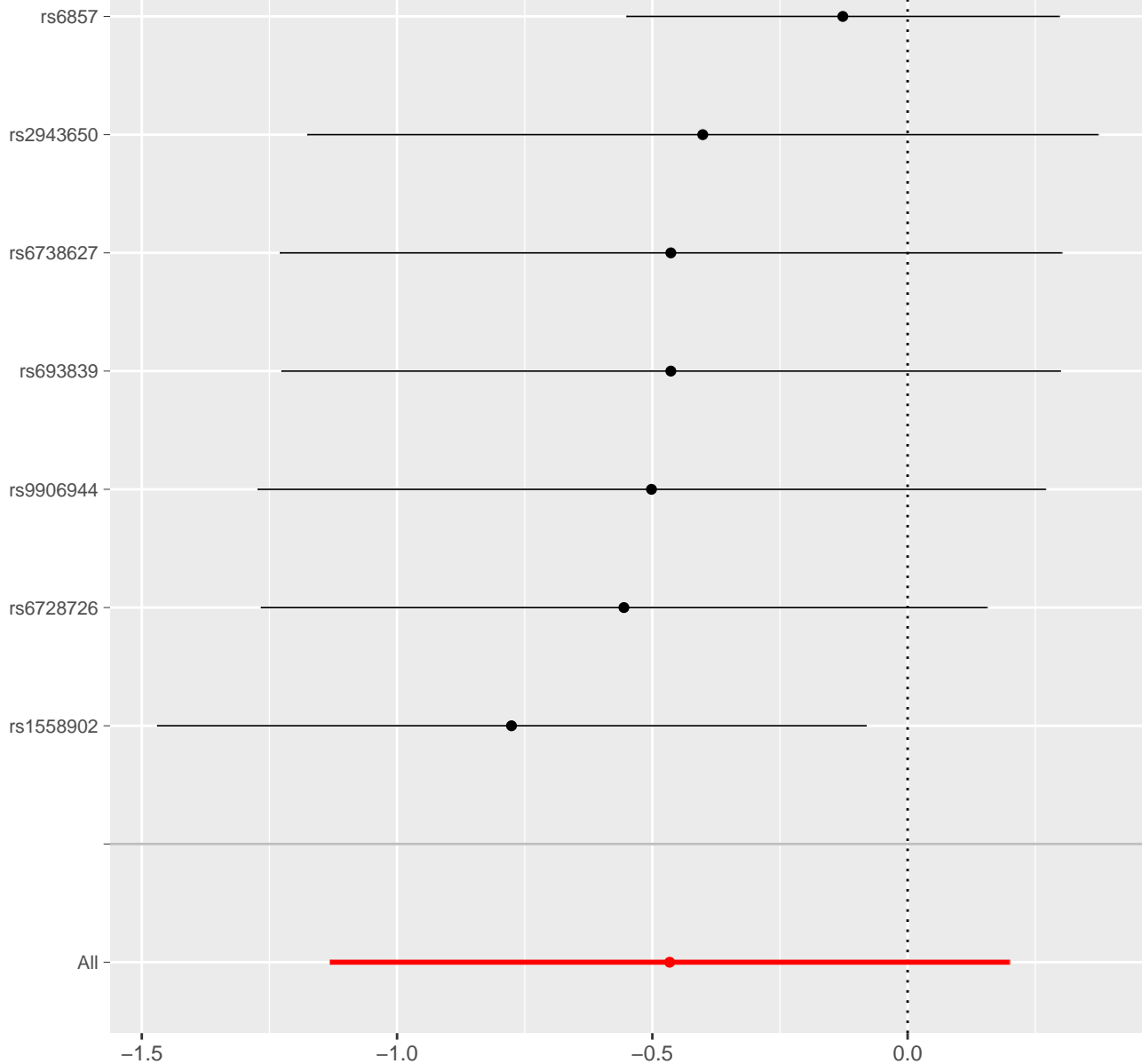




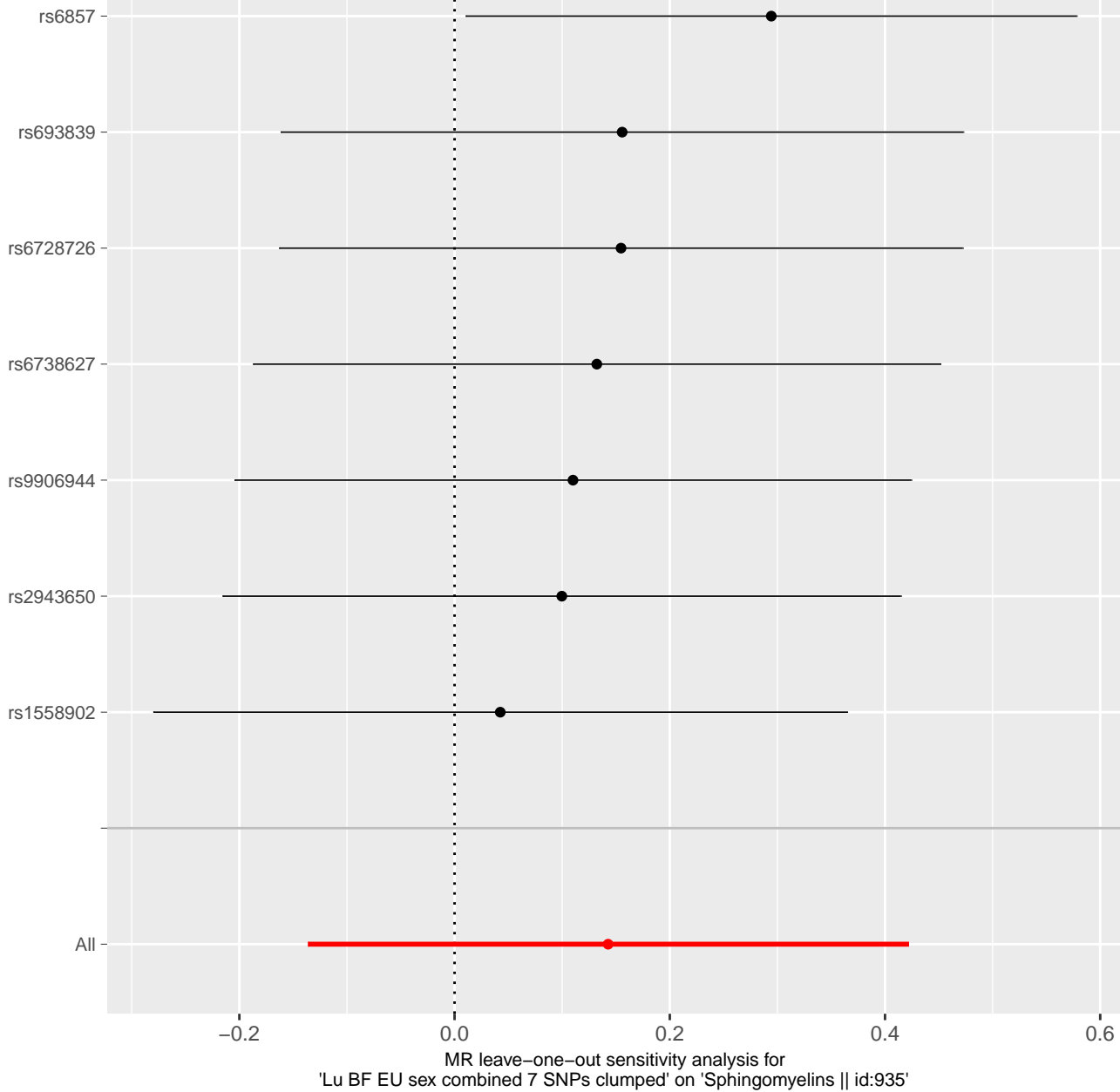


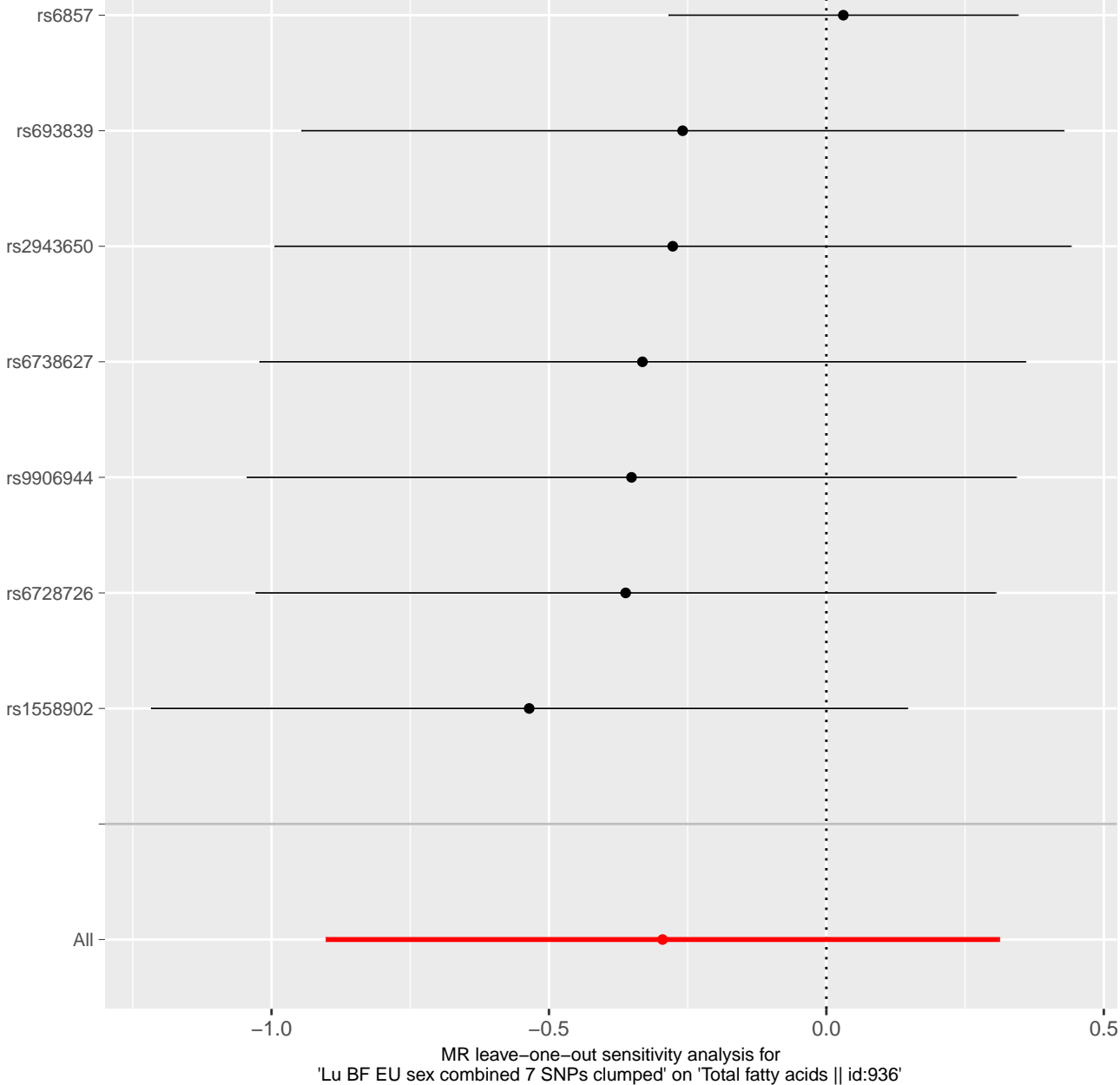


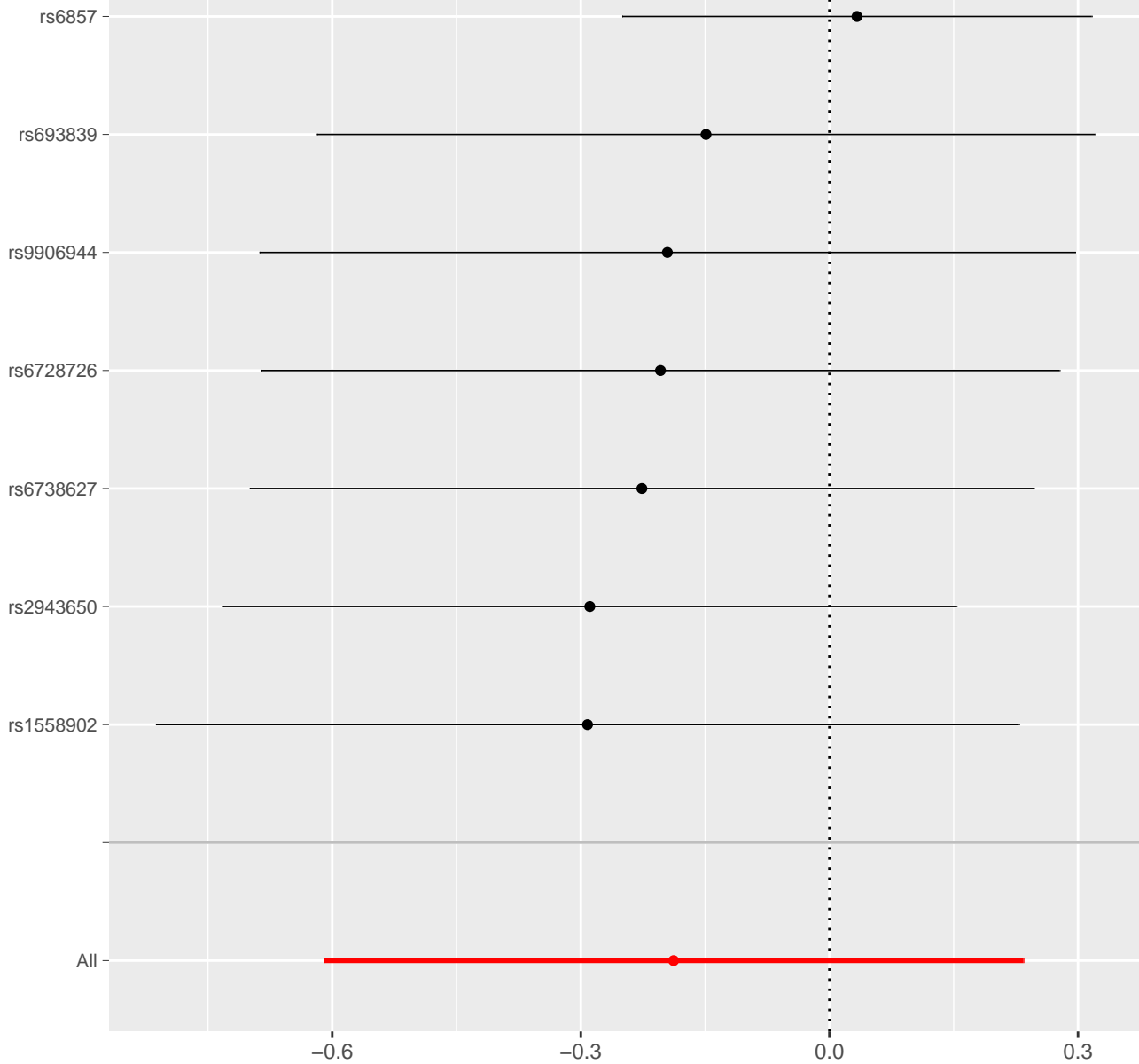




MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Serum total triglycerides || id:934'







MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total phosphoglycerides || id:937'

rs2943650

rs6738627

rs693839

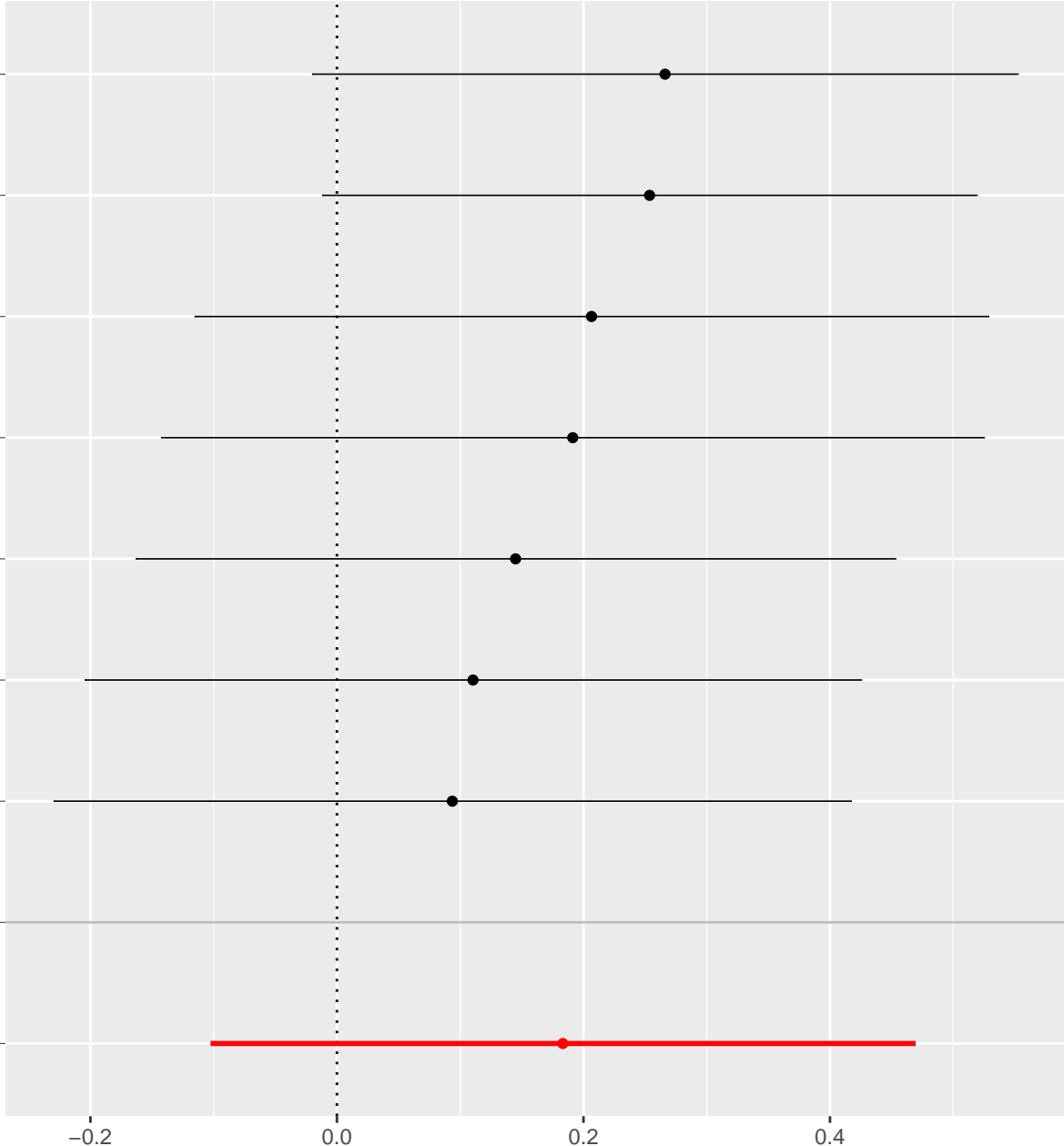
rs9906944

rs6728726

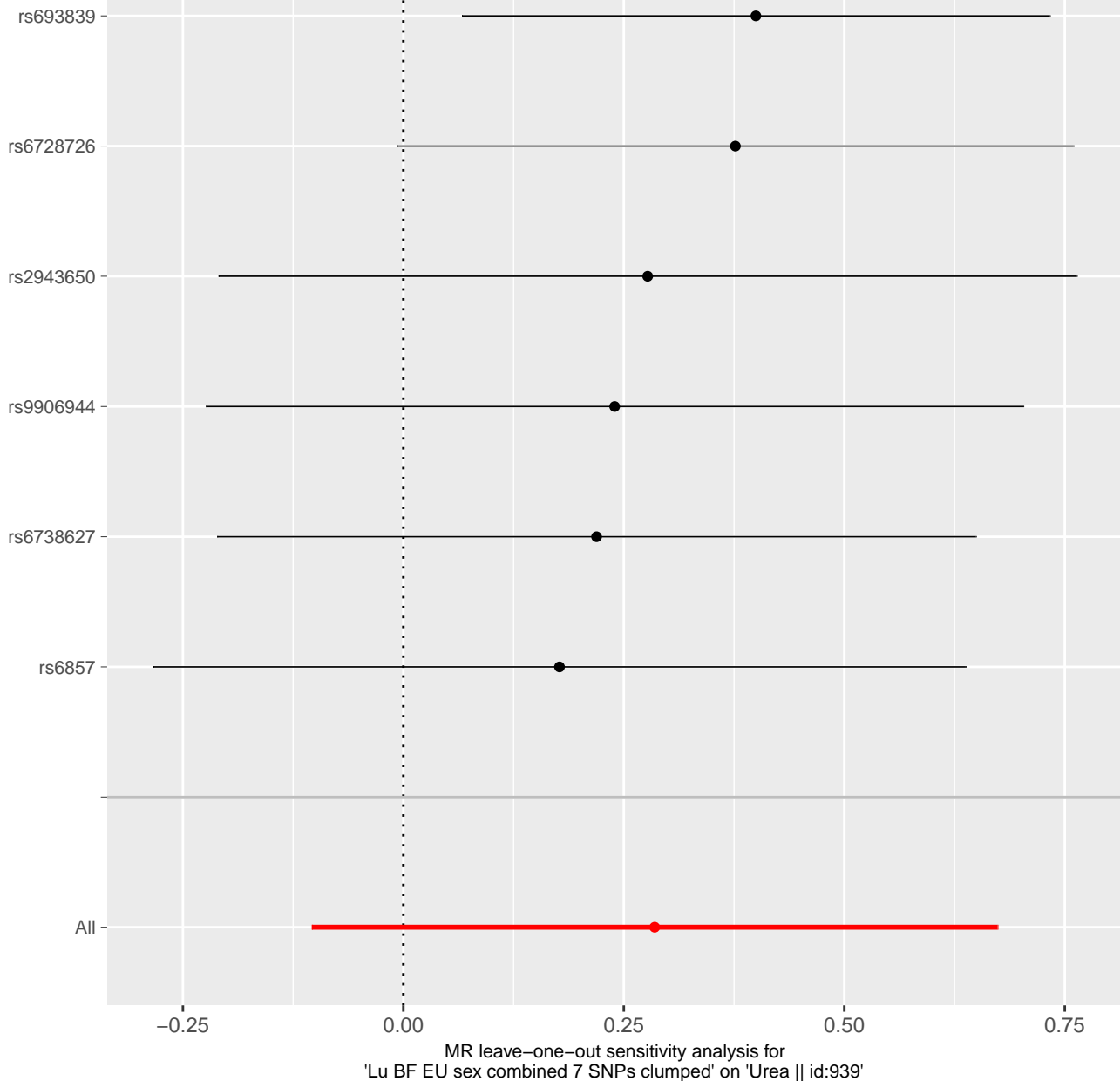
rs6857

rs1558902

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Tyrosine || id:938'



rs2943650

rs6738627

rs693839

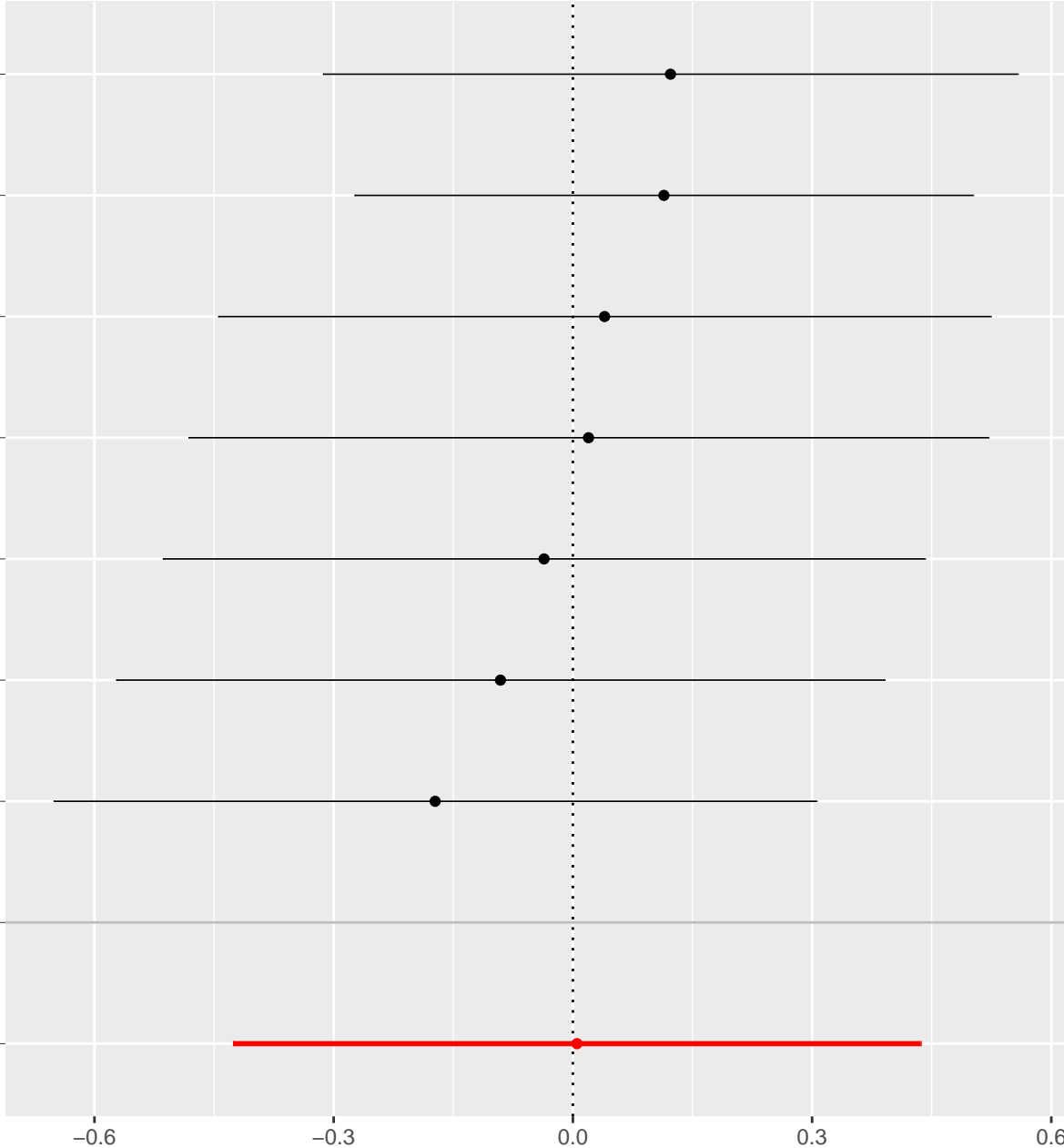
rs9906944

rs6728726

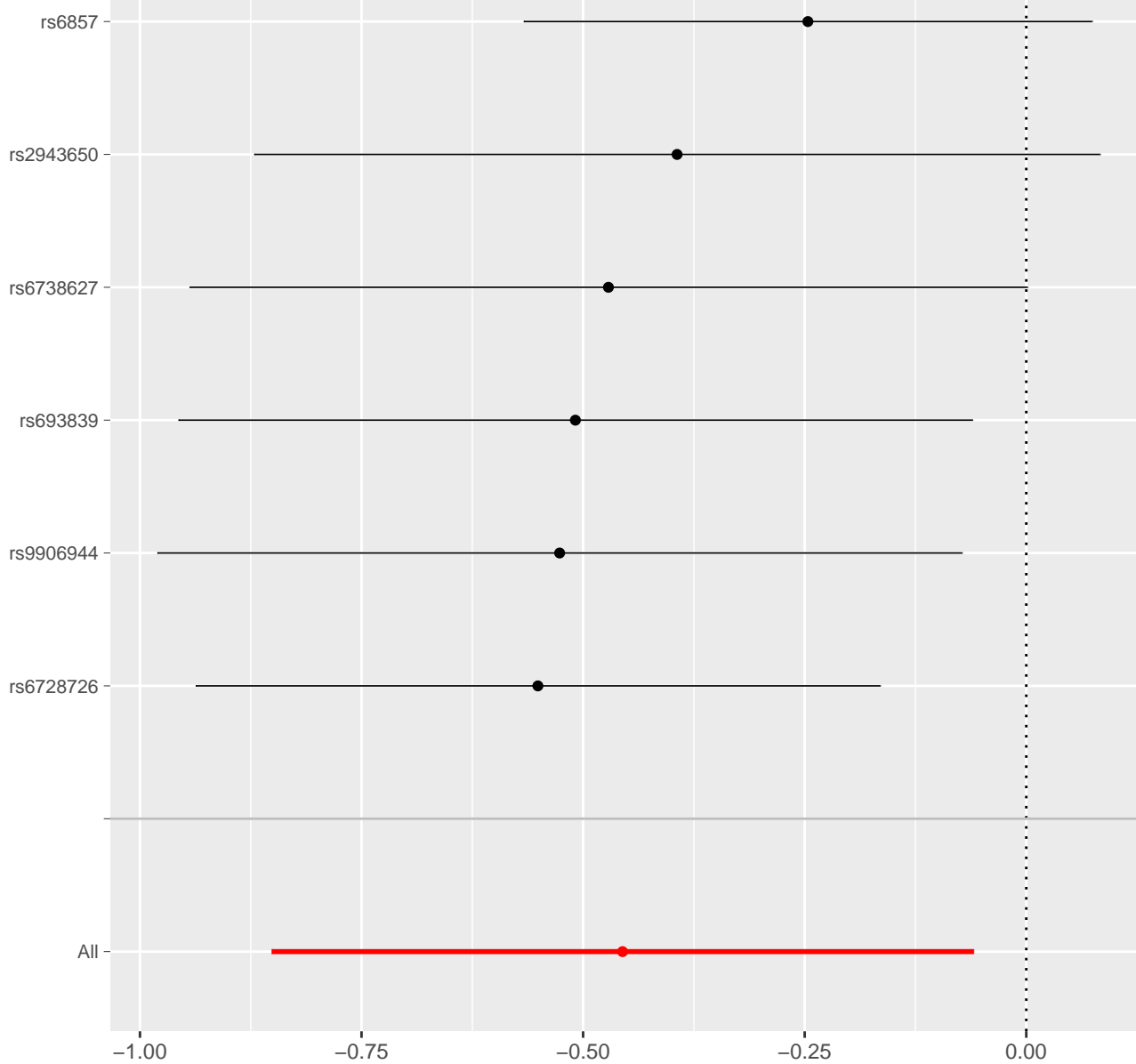
rs6857

rs1558902

All



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Valine || id:940'



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Mean diameter for VLDL particles || id:941'



rs9906944

rs6857

rs693839

rs6728726

rs1558902

rs6738627

rs2943650

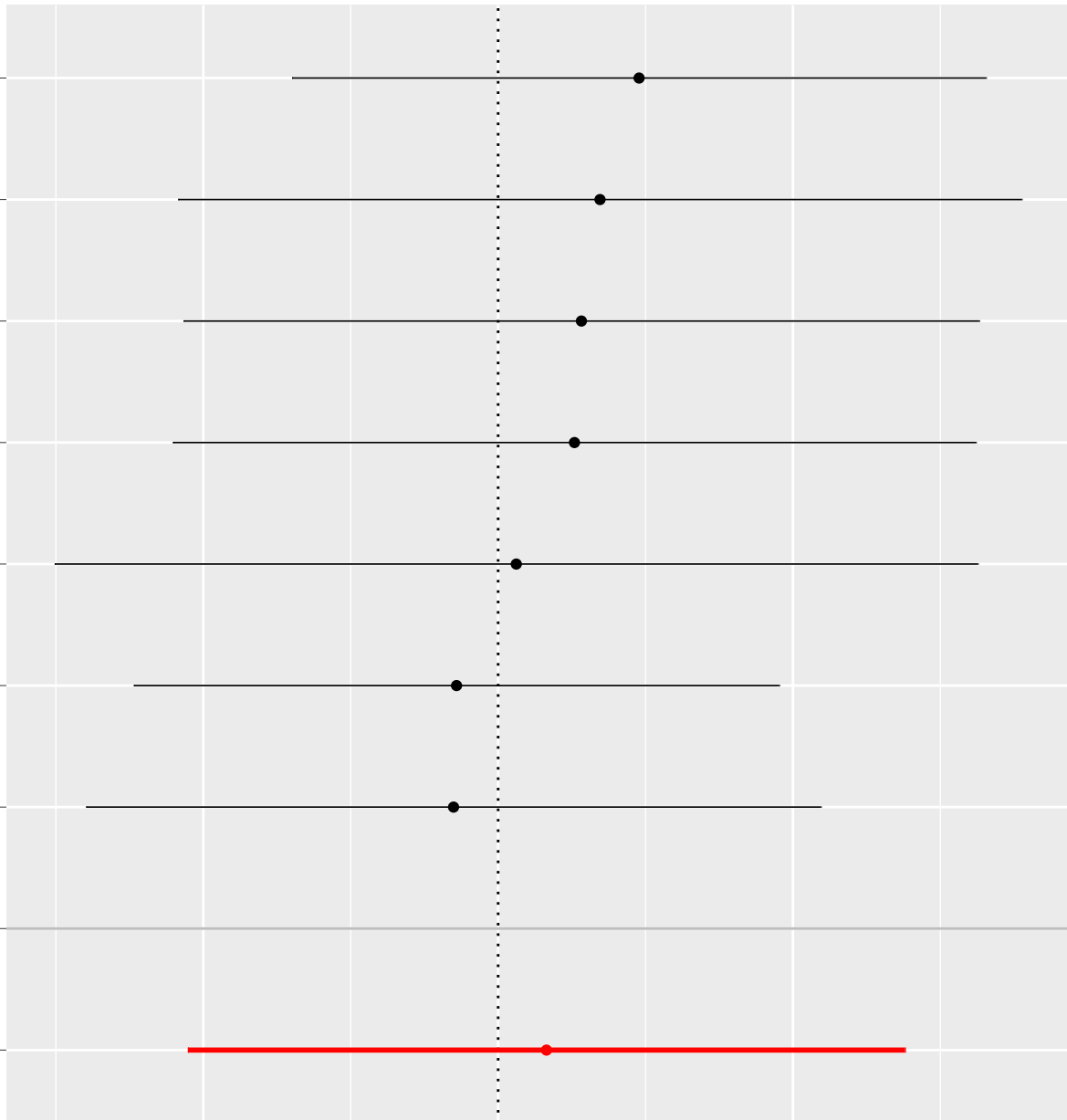
All

-0.25

0.00

0.25

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total cholesterol in very large HDL || id:942'



rs9906944

rs6857

rs693839

rs6728726

rs6738627

rs2943650

All

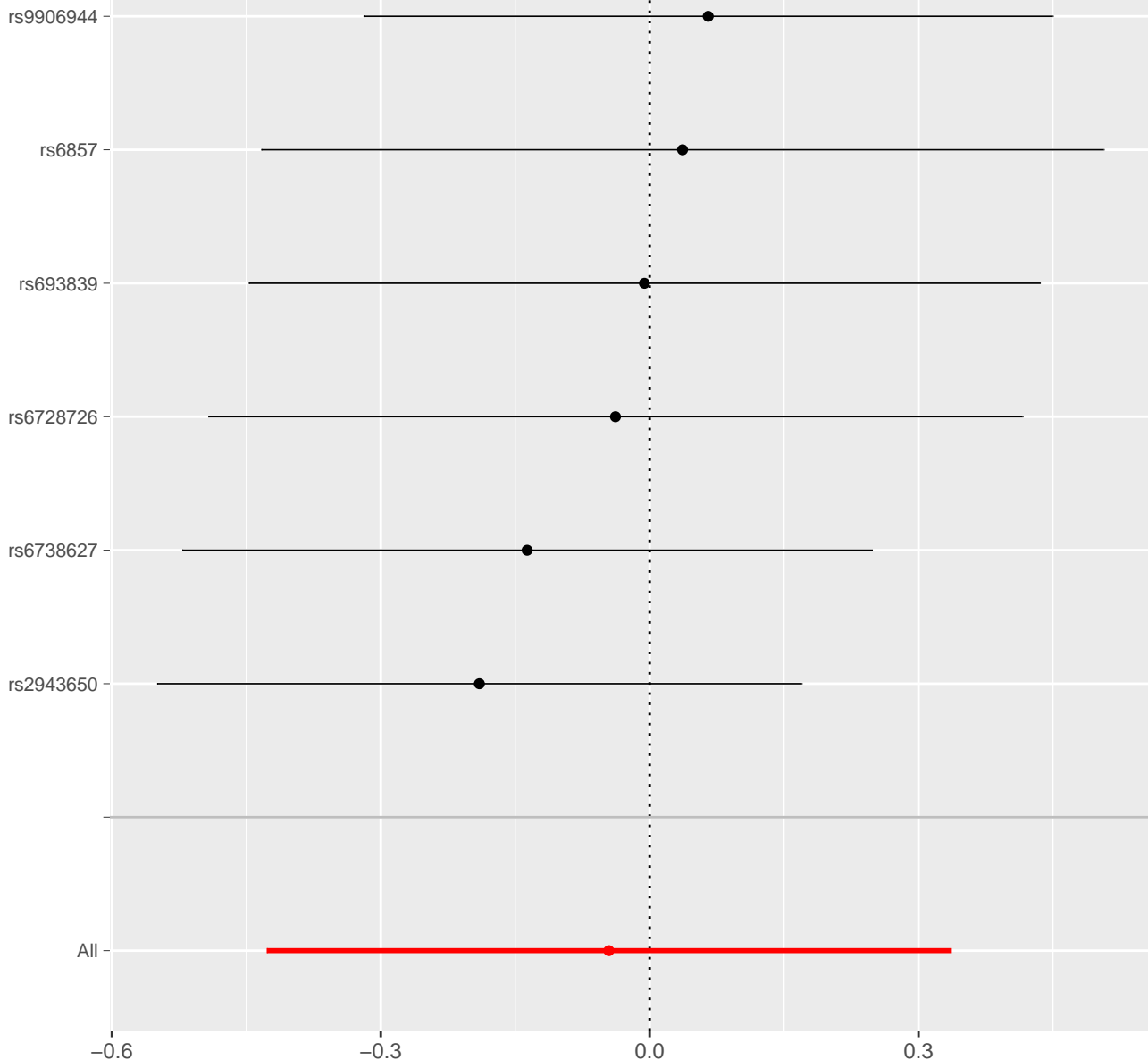
-0.6

-0.3

0.0

0.3

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Cholesterol esters in very large HDL || id:943'



rs9906944

rs6728726

rs693839

rs1558902

rs6857

rs6738627

rs2943650

All

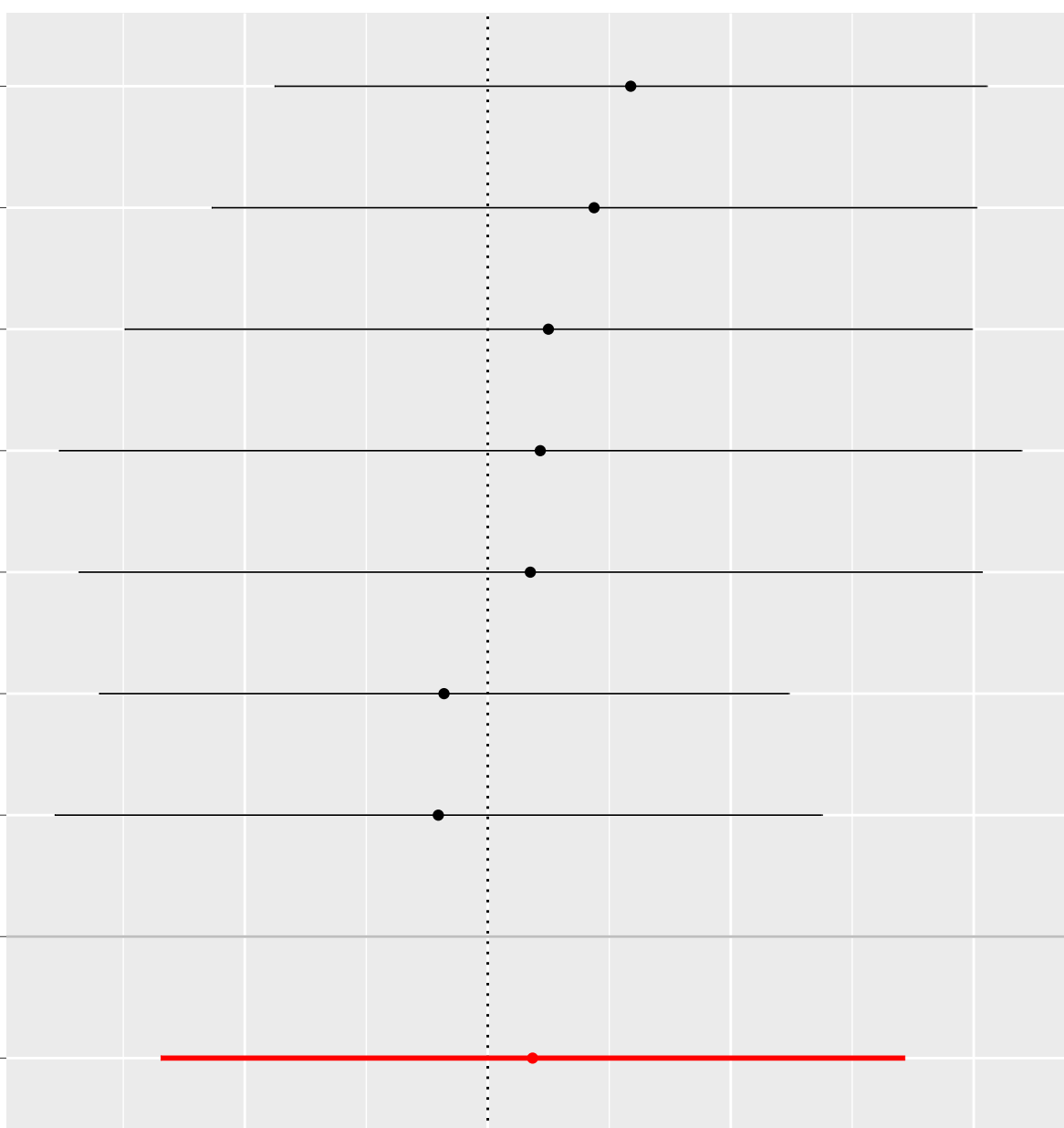
-0.2

0.0

0.2

0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Free cholesterol in very large HDL || id:944'



rs9906944

rs6728726

rs693839

rs6857

rs6738627

rs2943650

All

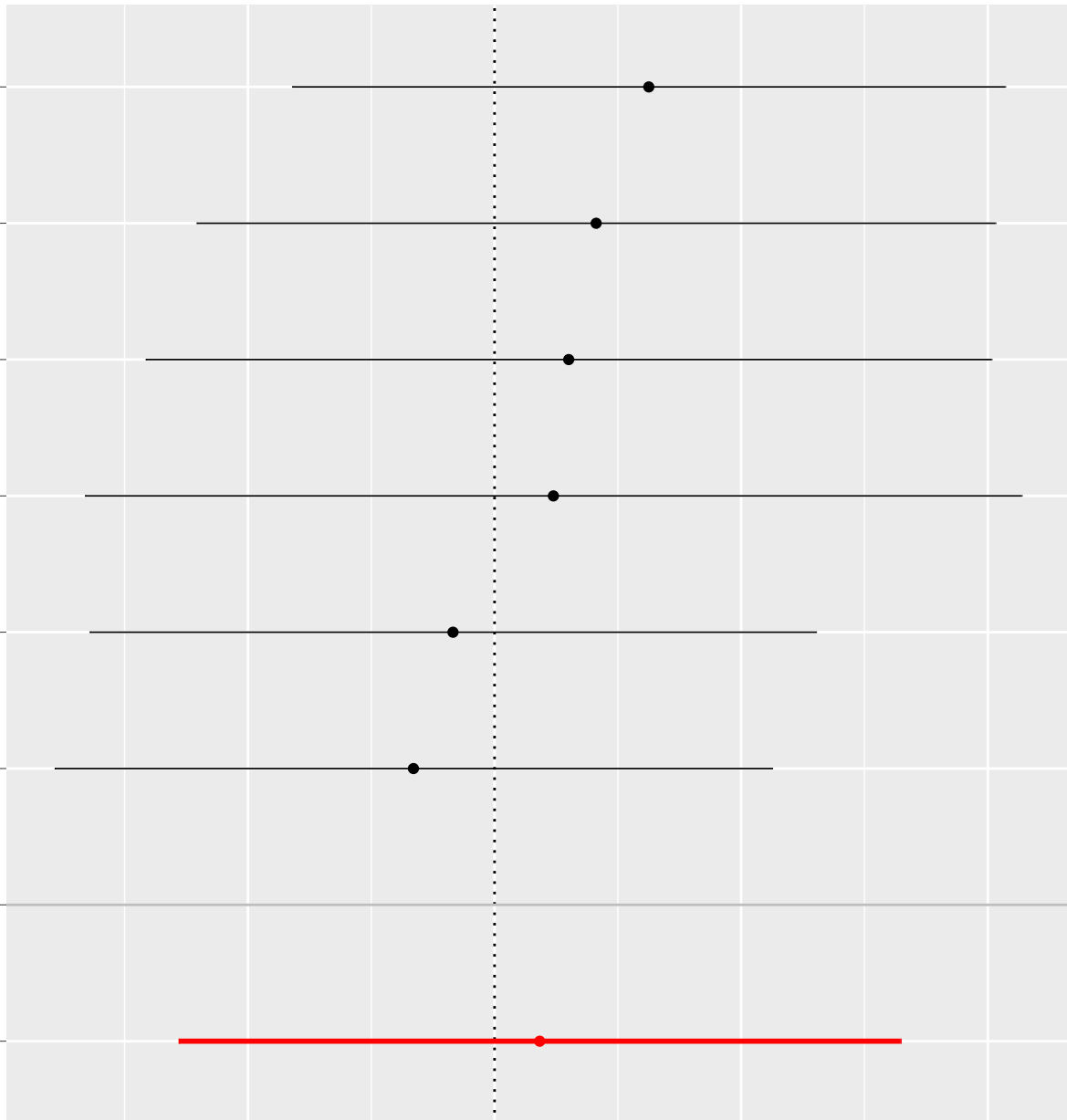
-0.25

0.00

0.25

0.50

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total lipids in very large HDL || id:945'



rs9906944

rs6728726

rs693839

rs6857

rs6738627

rs2943650

All

-0.4

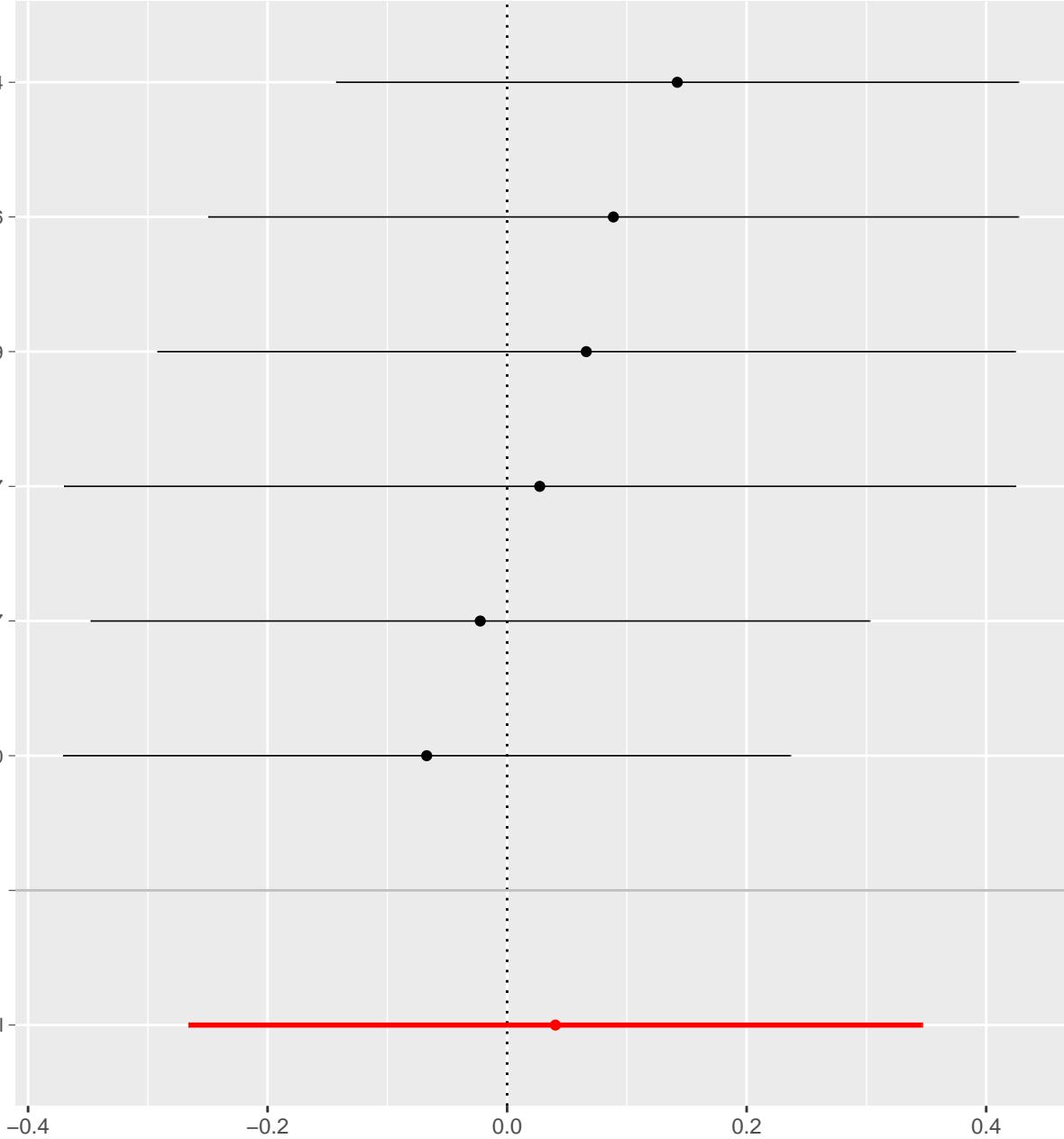
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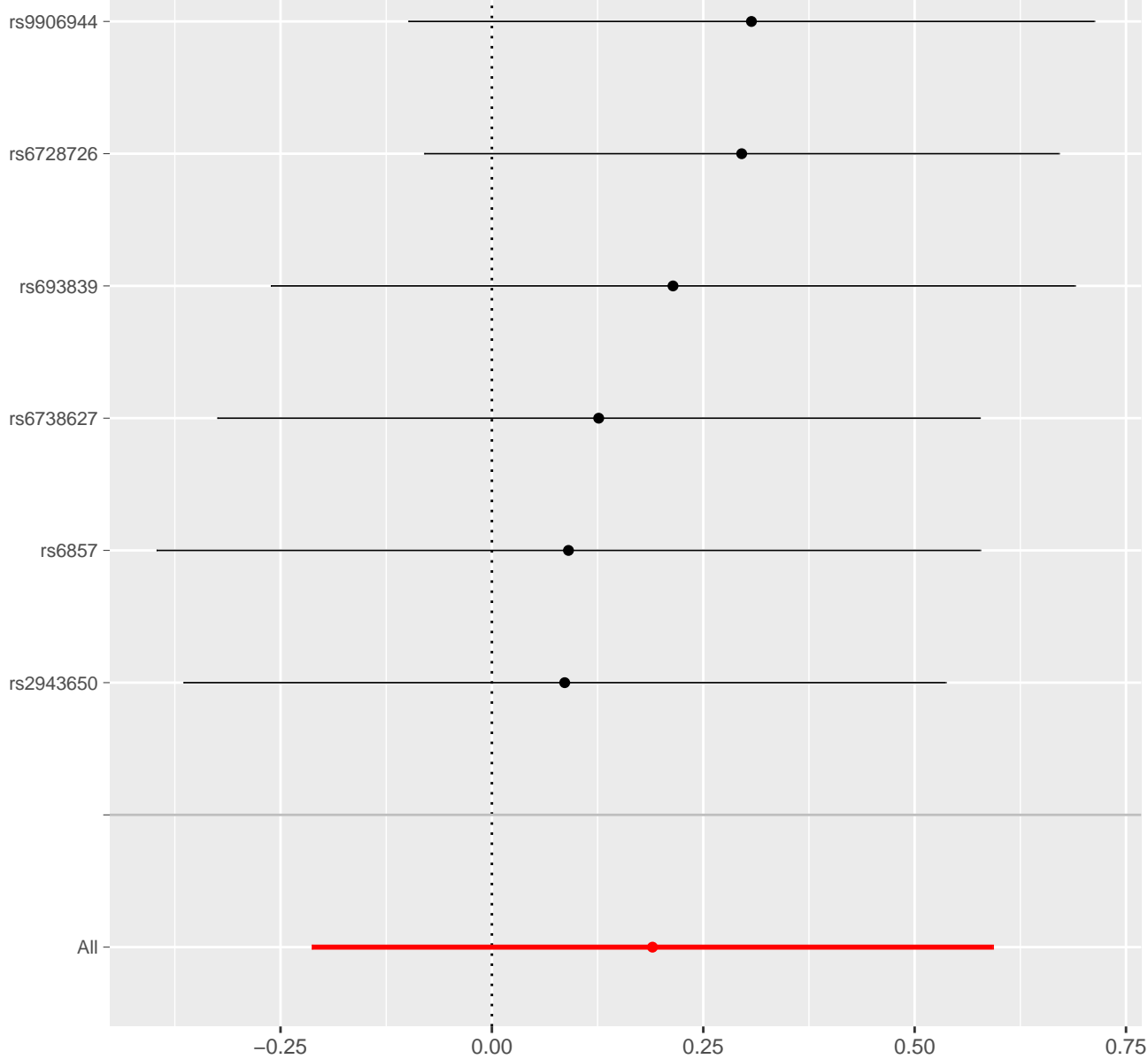
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0.2

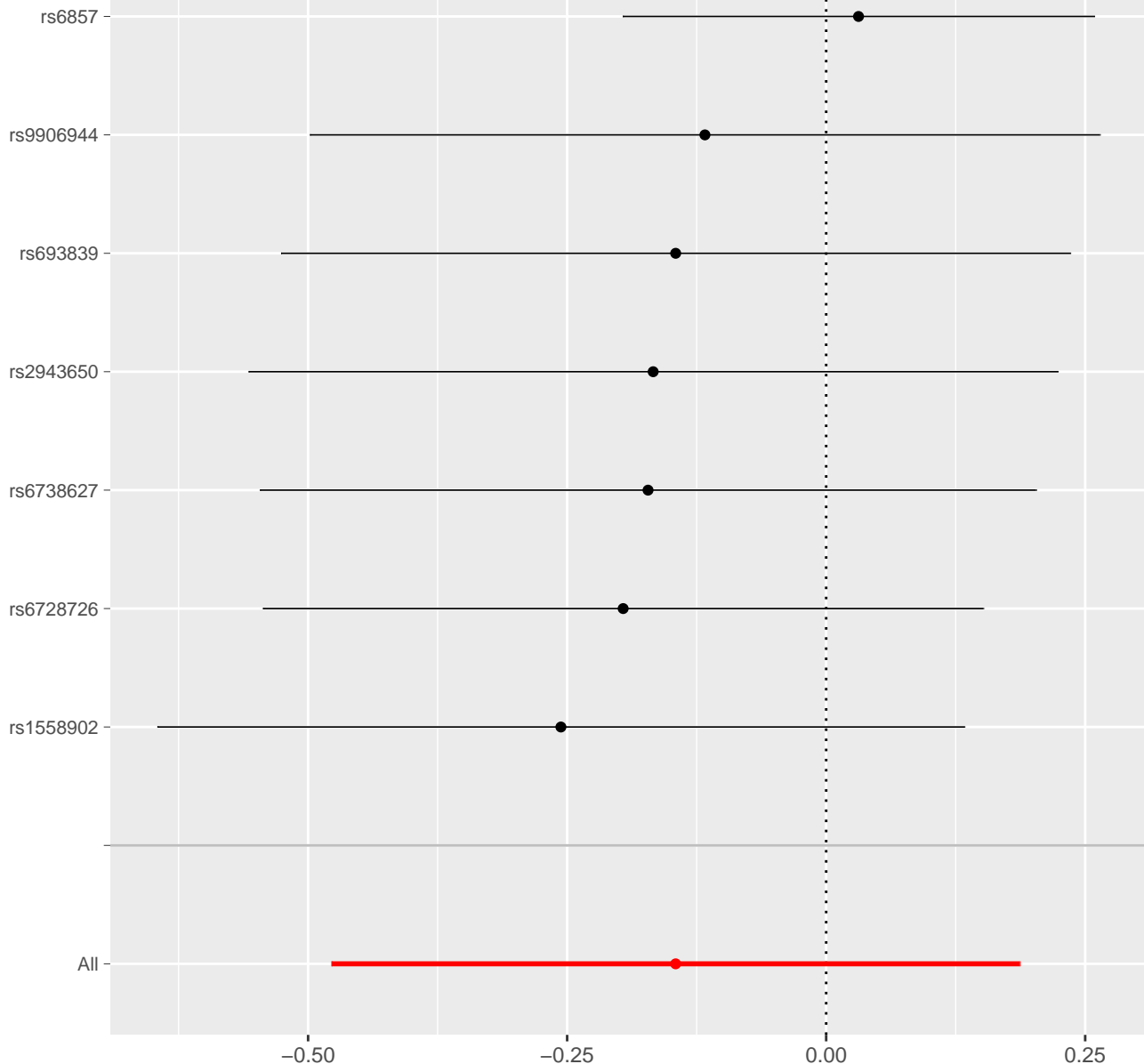
0.4

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Concentration of very large HDL particles || id:946'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Phospholipids in very large HDL || id:947'



rs6857

rs2943650

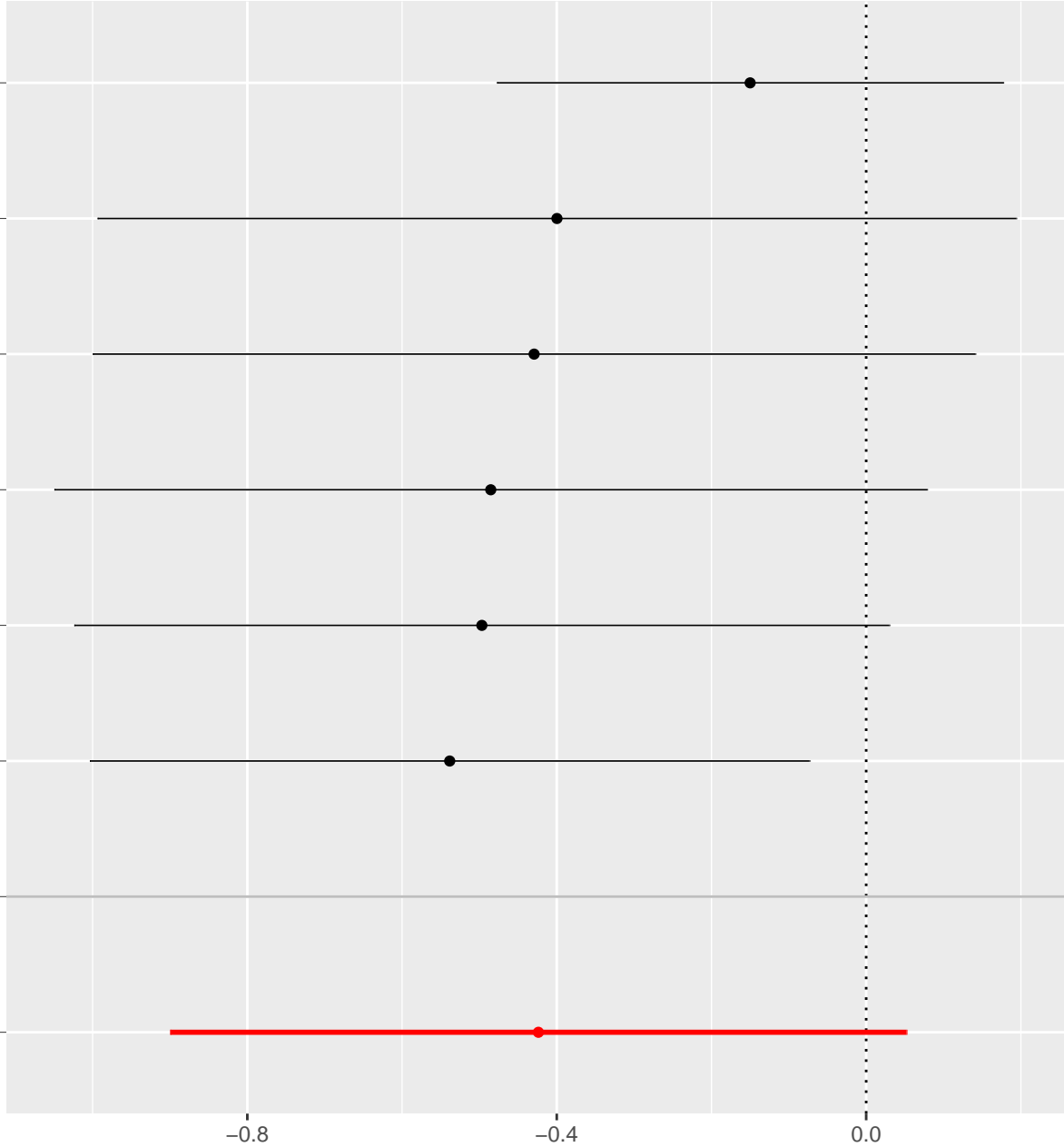
rs6738627

rs9906944

rs693839

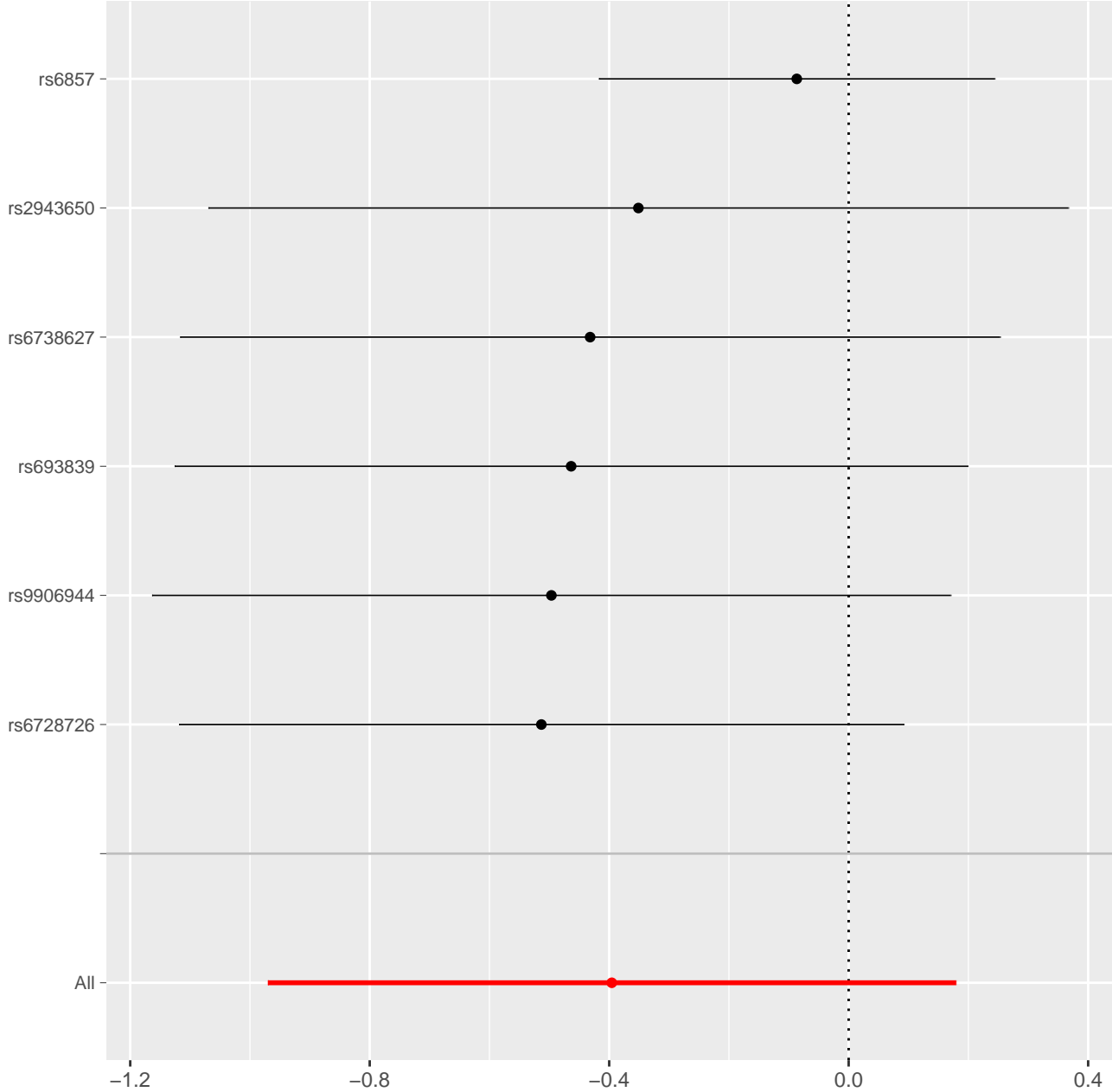
rs6728726

All

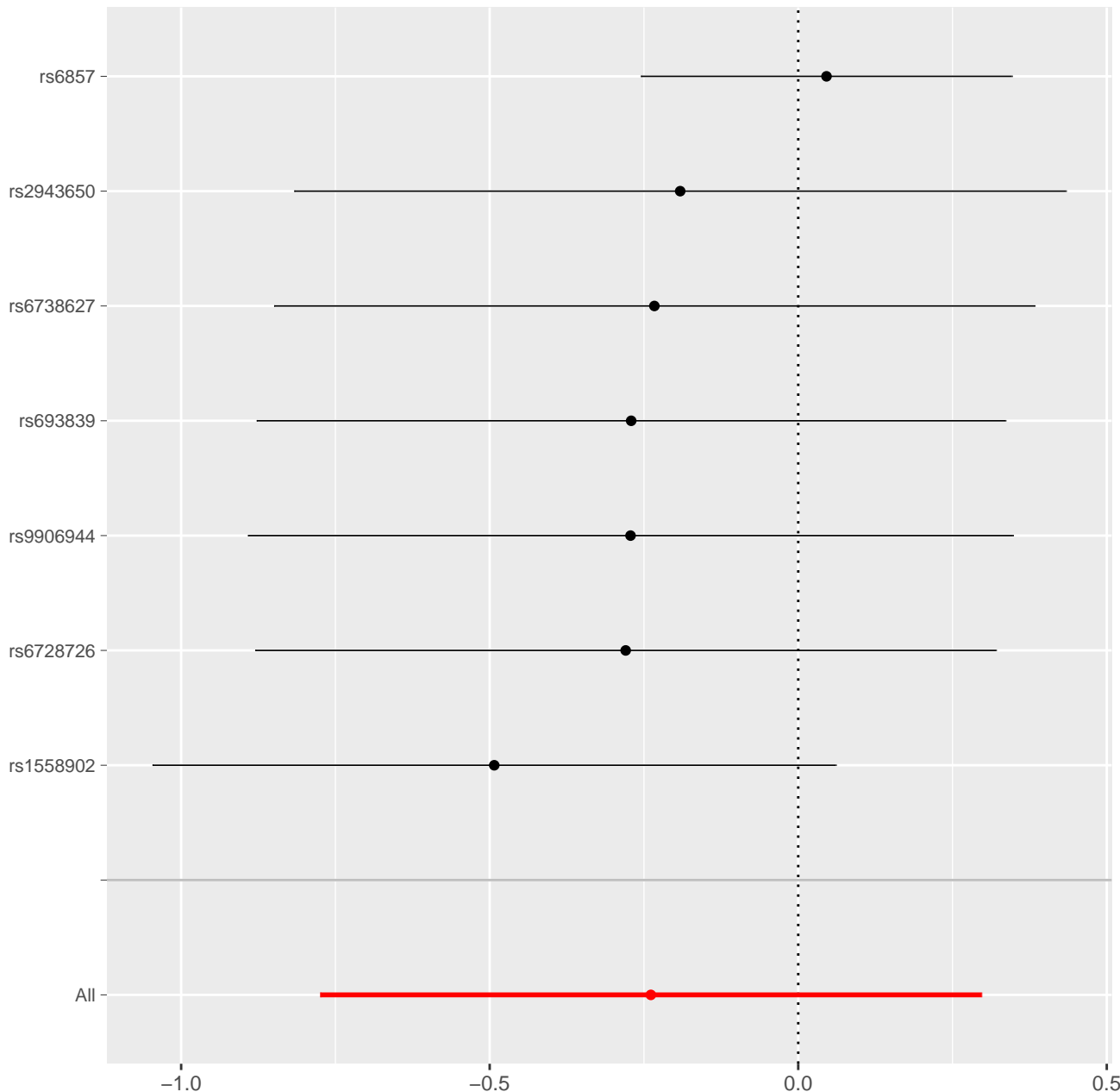


MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total lipids in very large VLDL || id:949'

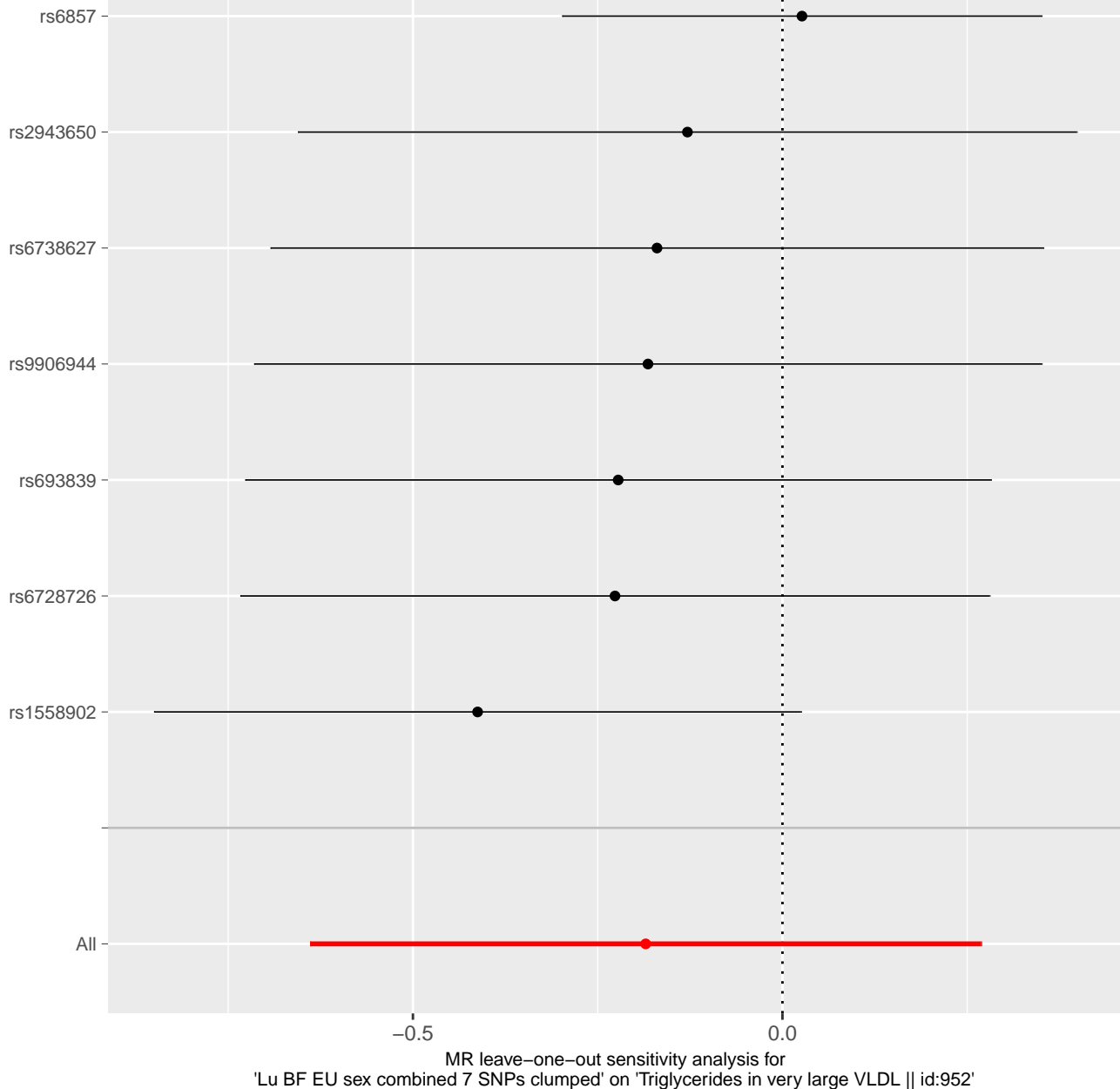


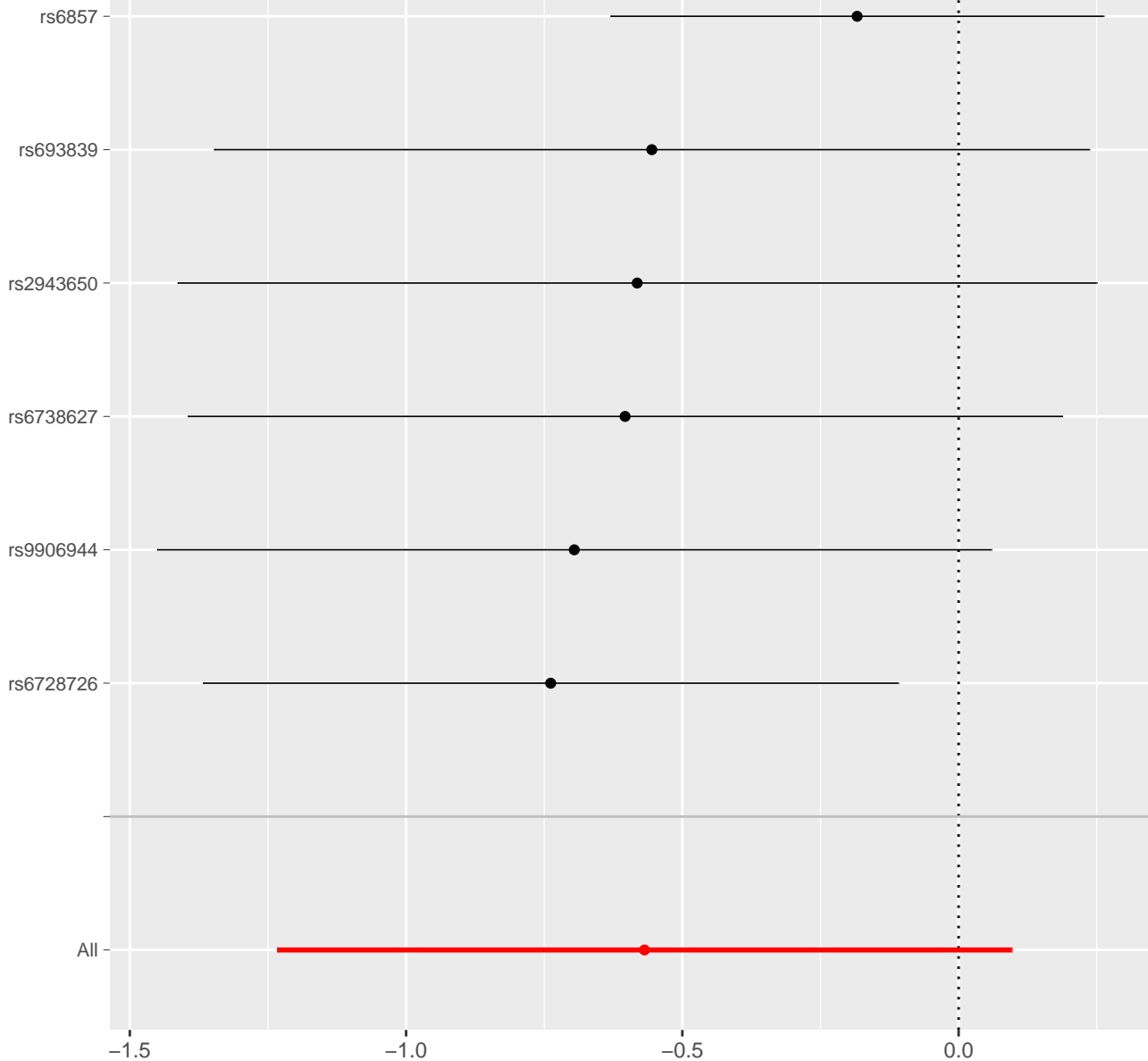


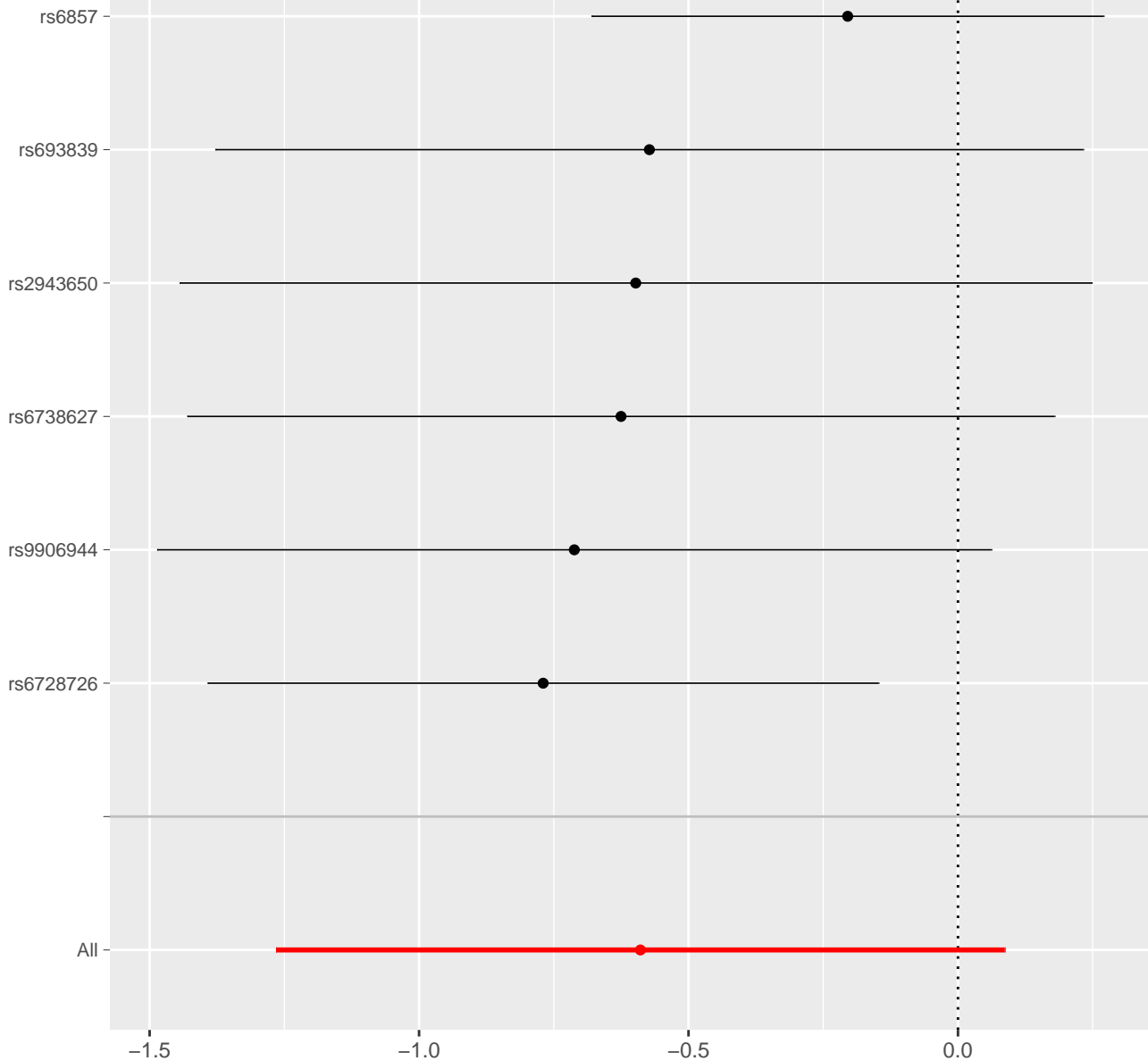
MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Concentration of very large VLDL particles || id:950'



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Phospholipids in very large VLDL || id:951'







MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Concentration of very small VLDL particles || id:954'

rs6857

rs693839

rs2943650

rs6738627

rs9906944

rs6728726

All

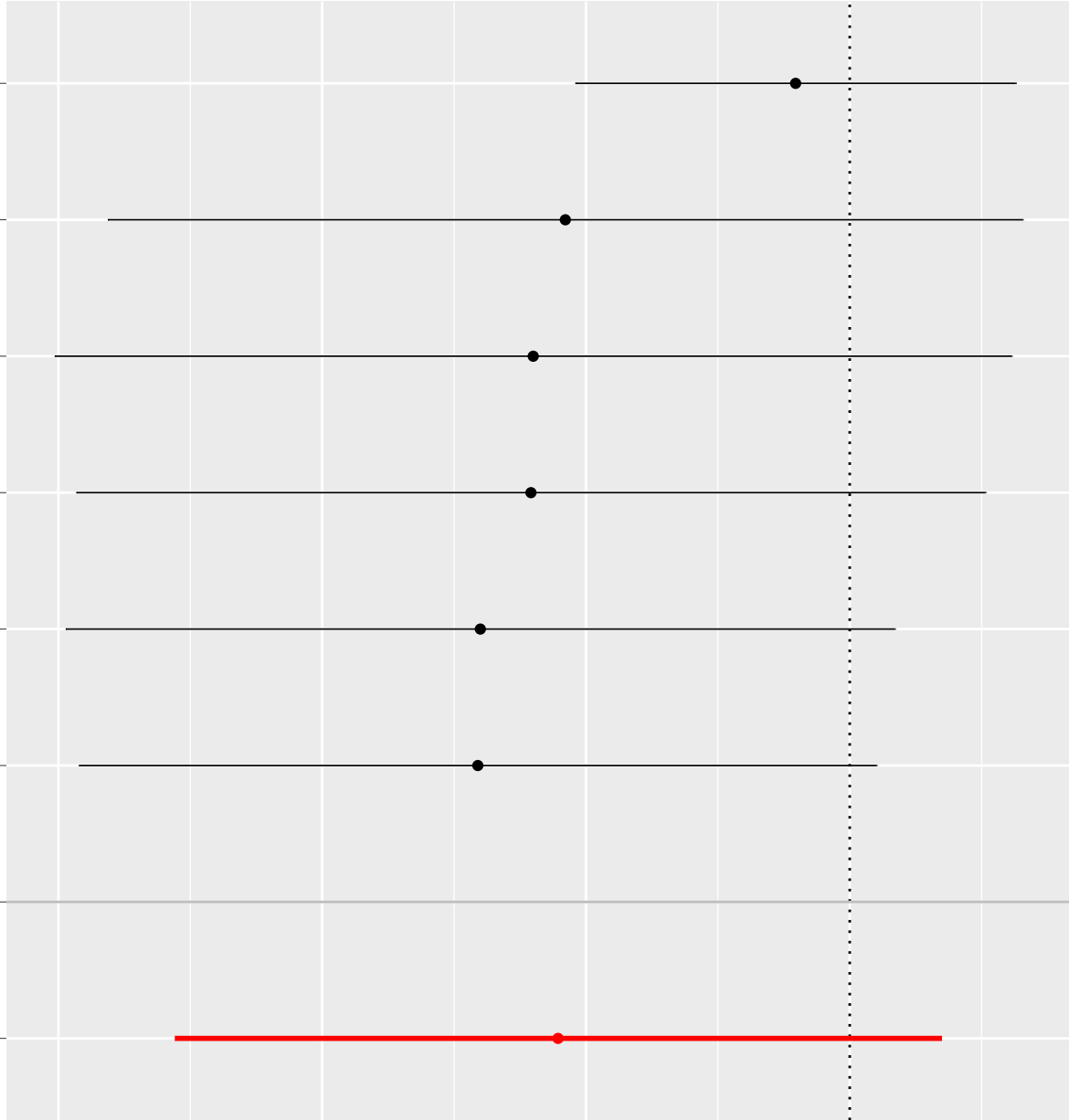
-1.5

-1.0

-0.5

0.0

MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Phospholipids in very small VLDL || id:955'



rs6857

rs2943650

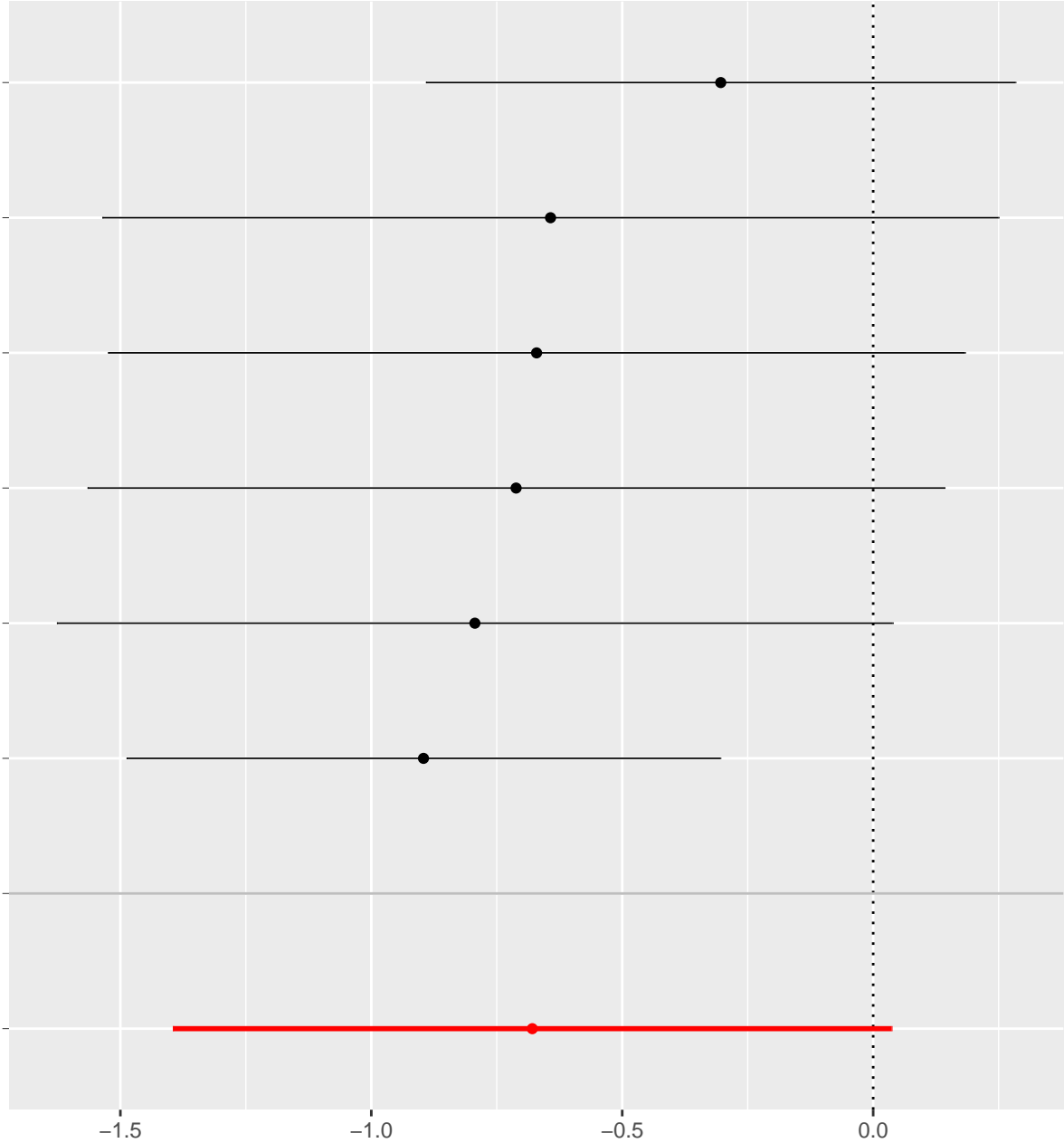
rs693839

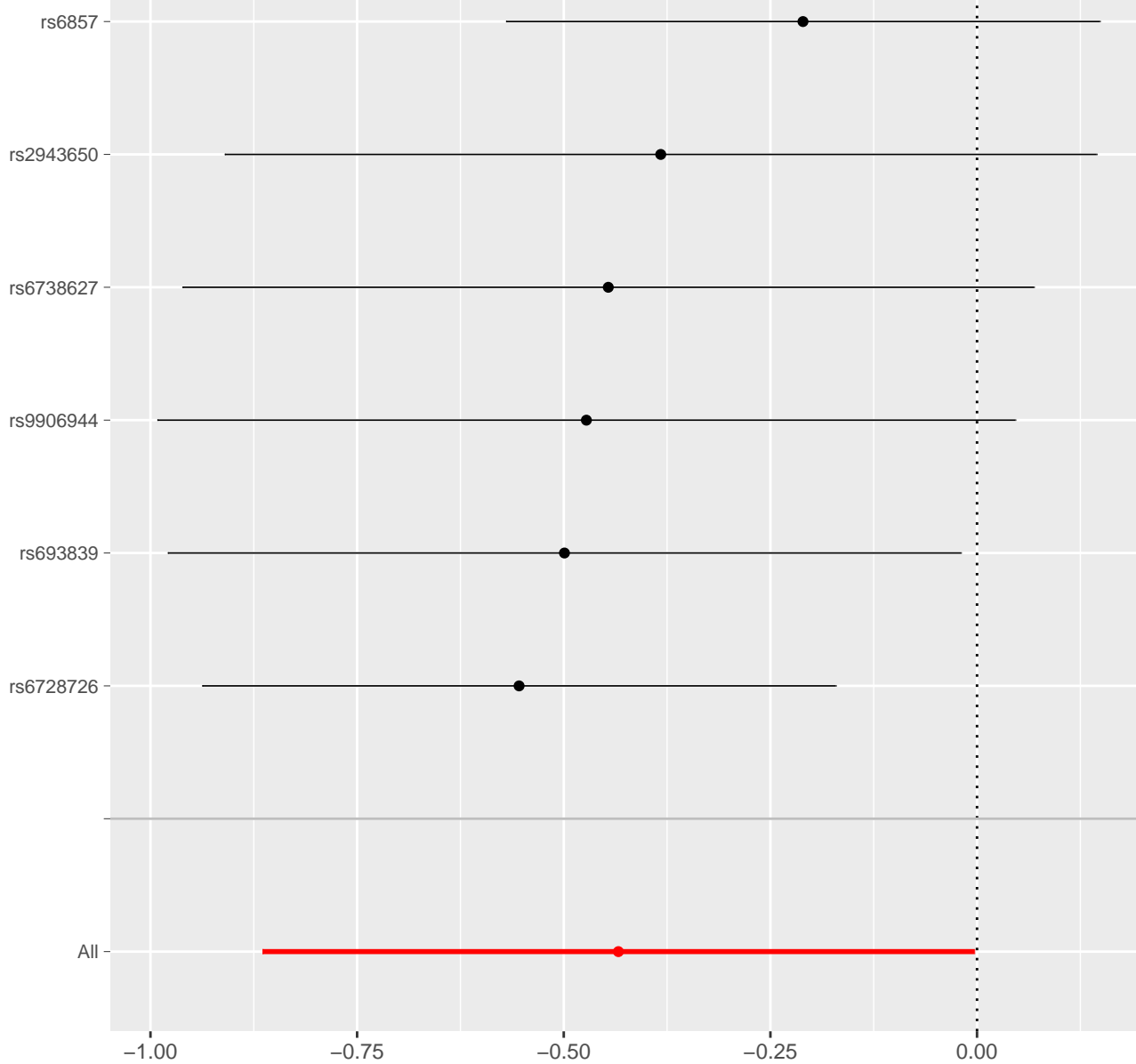
rs6738627

rs9906944

rs6728726

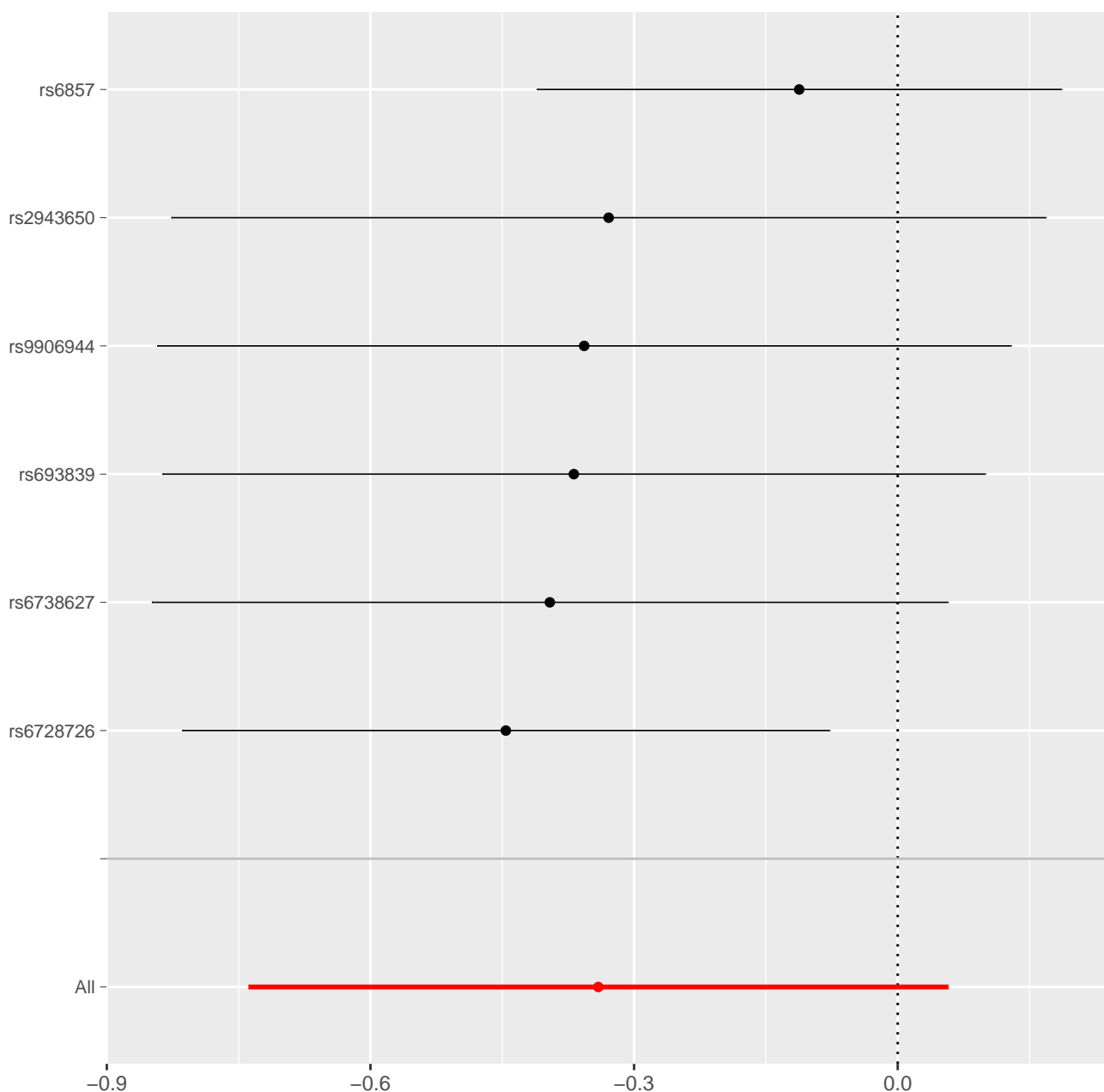
All



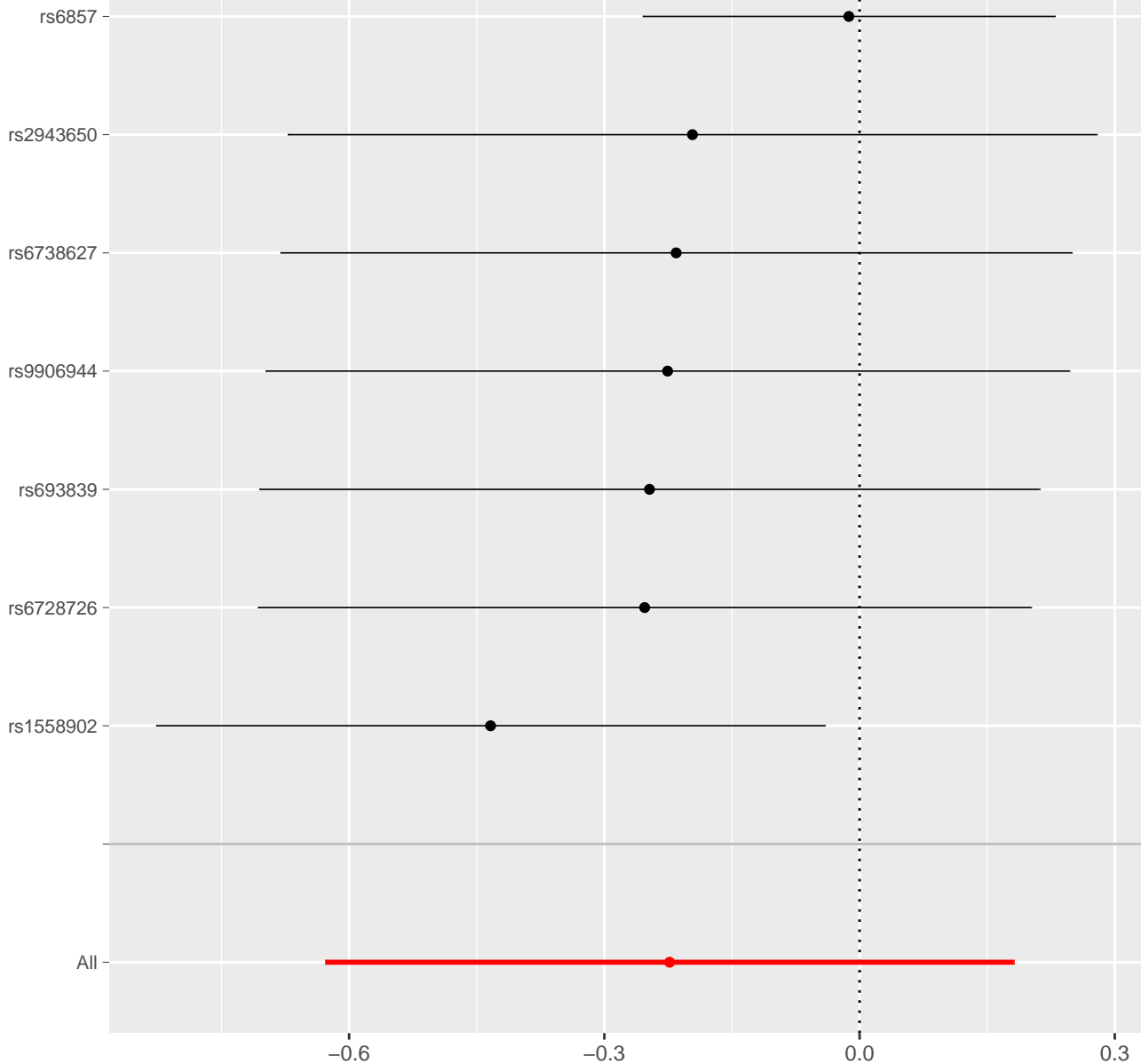


MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Total lipids in chylomicrons and largest VLDL particles || id:957'





MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Concentration of chylomicrons and largest VLDL particles || id:958'



MR leave-one-out sensitivity analysis for  
'Lu BF EU sex combined 7 SNPs clumped' on 'Phospholipids in chylomicrons and largest VLDL particles || id:959'

