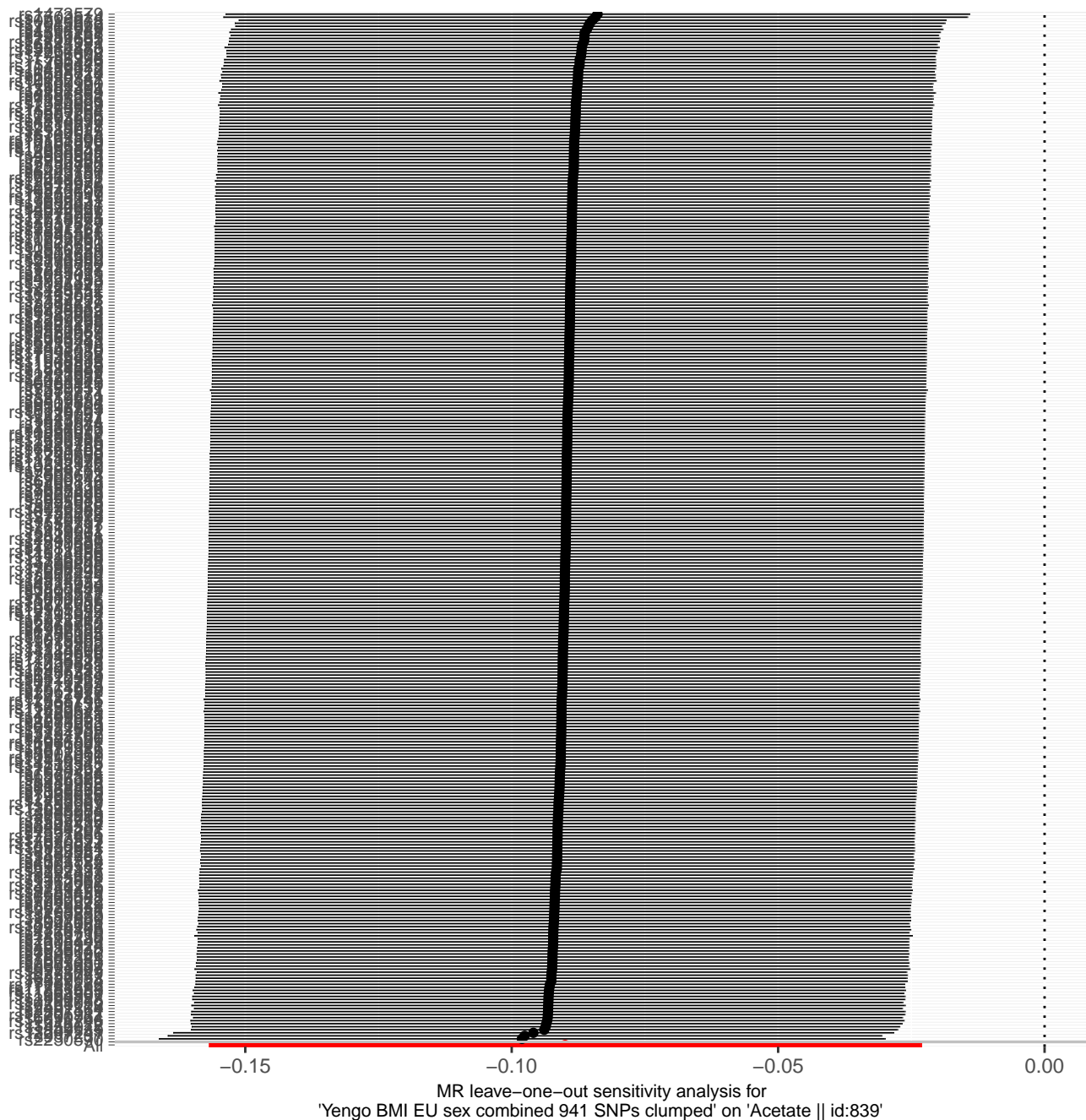
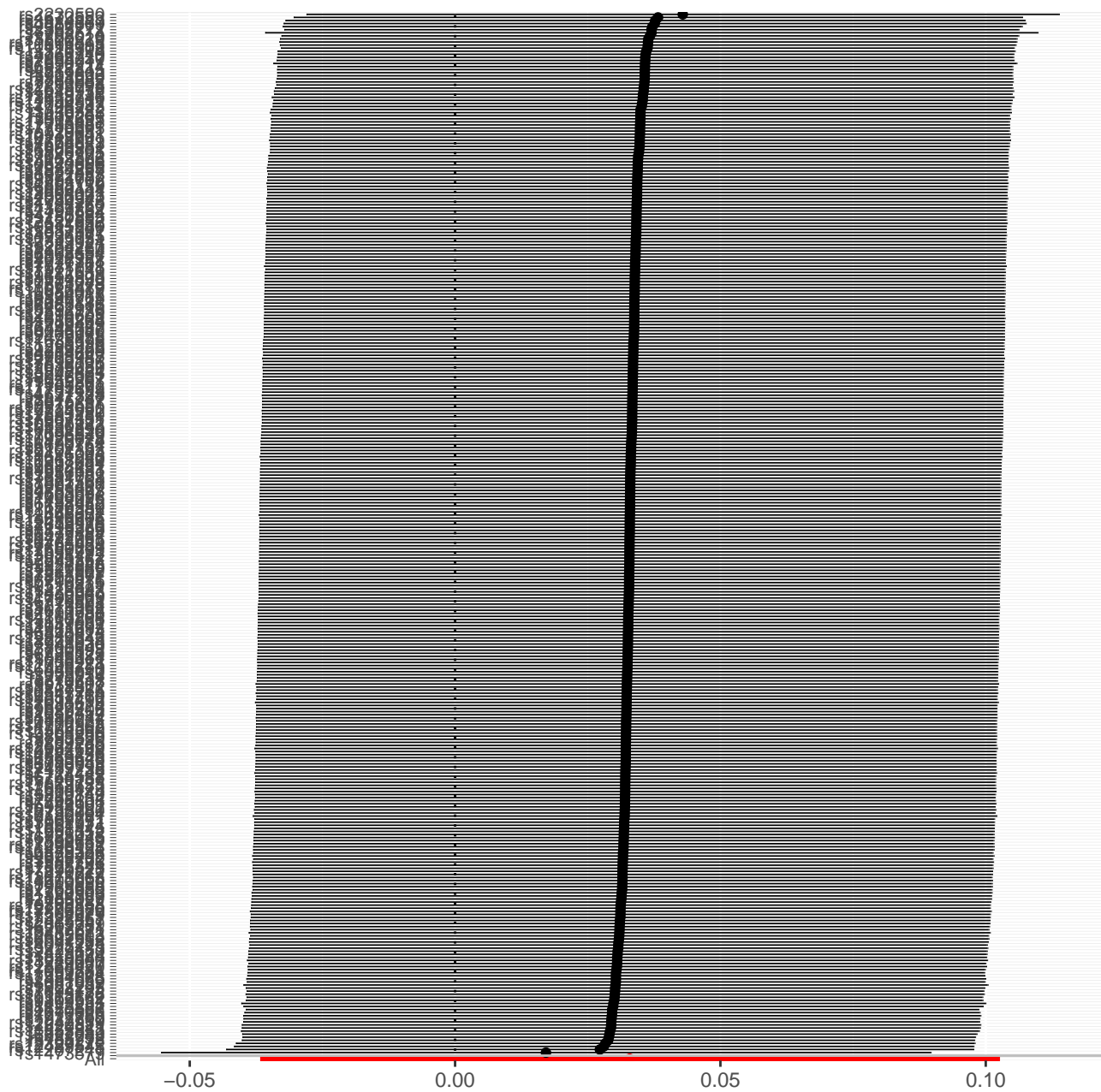
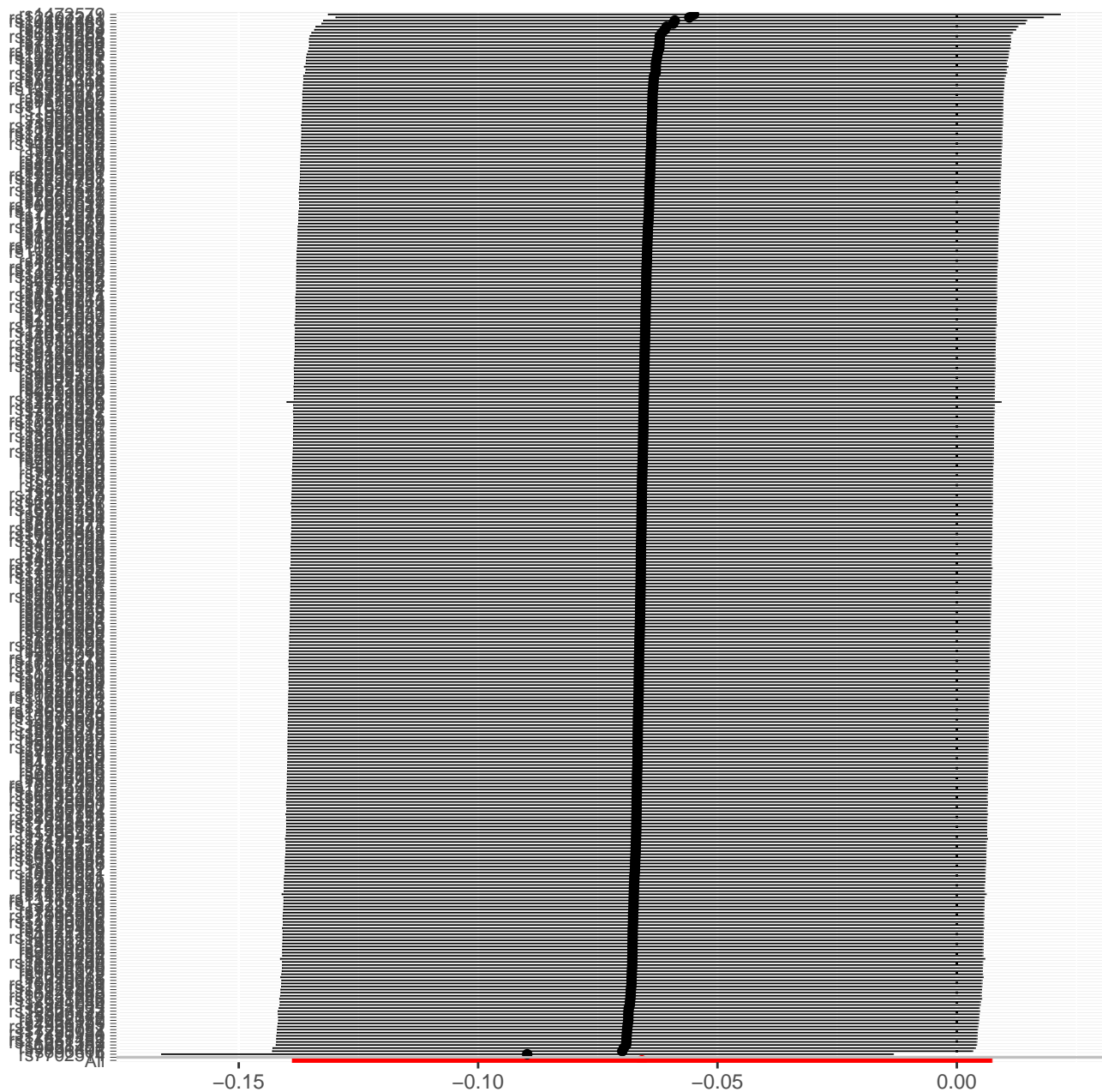


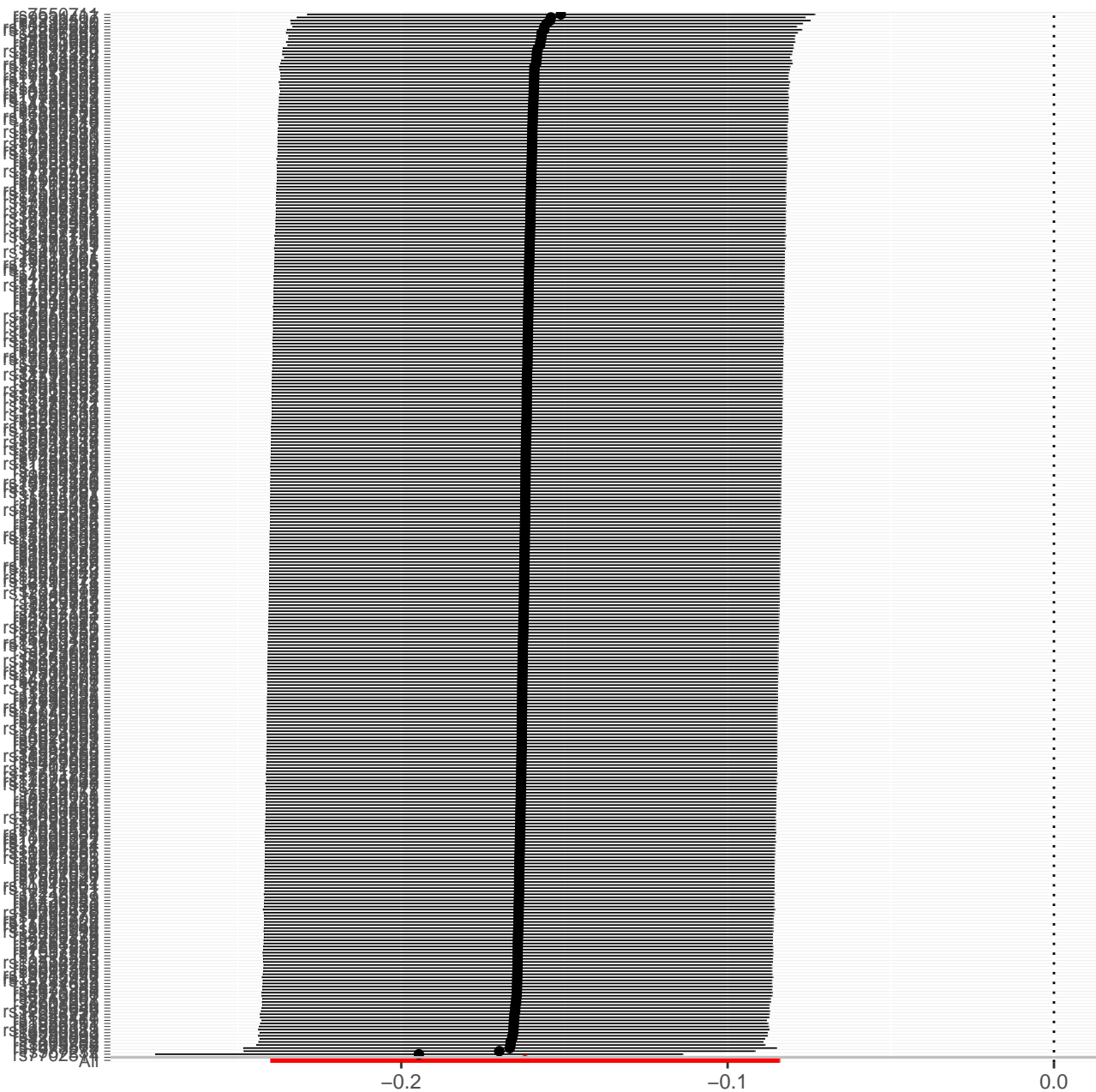
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Acetoacetate || id:838'

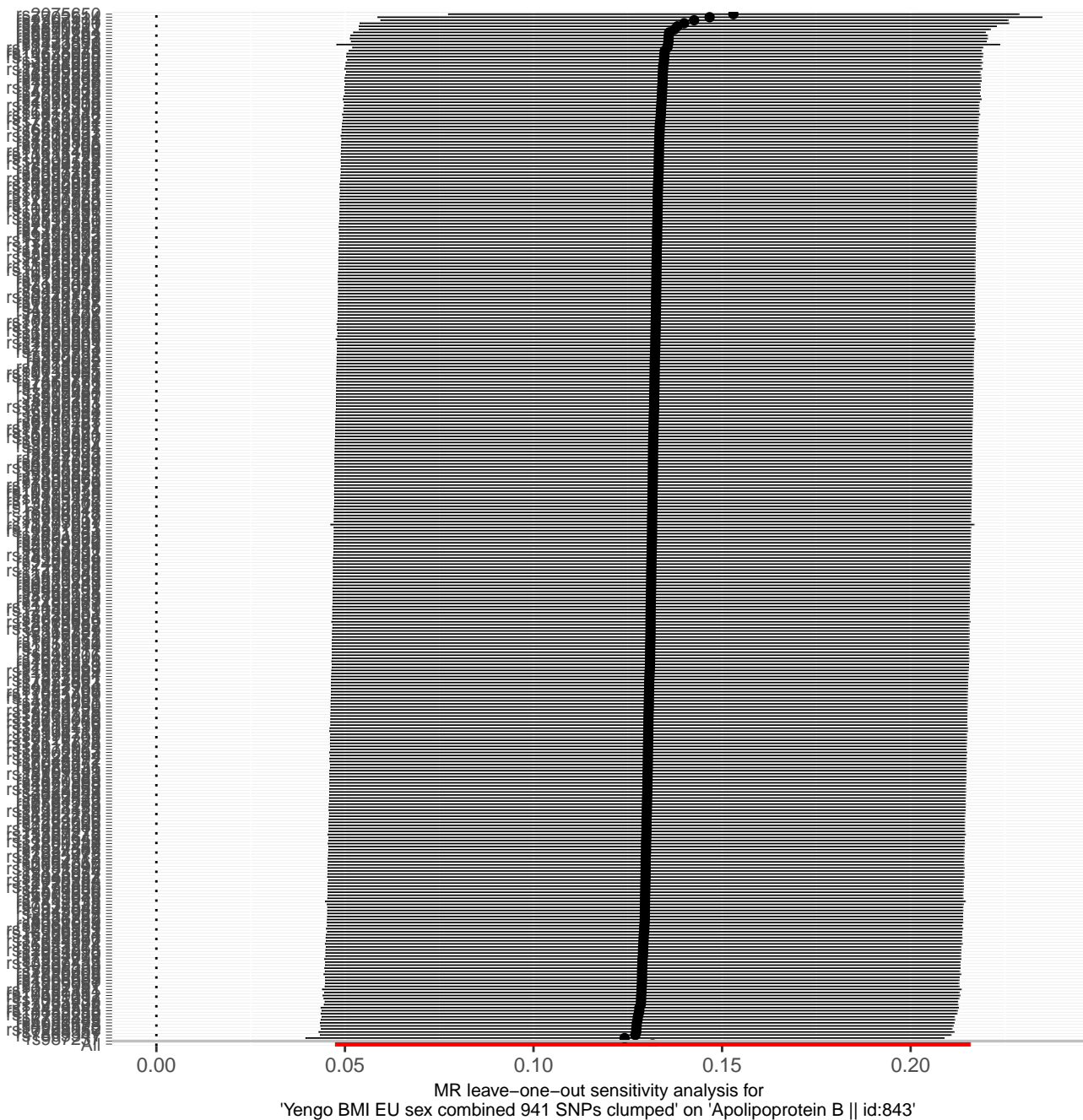


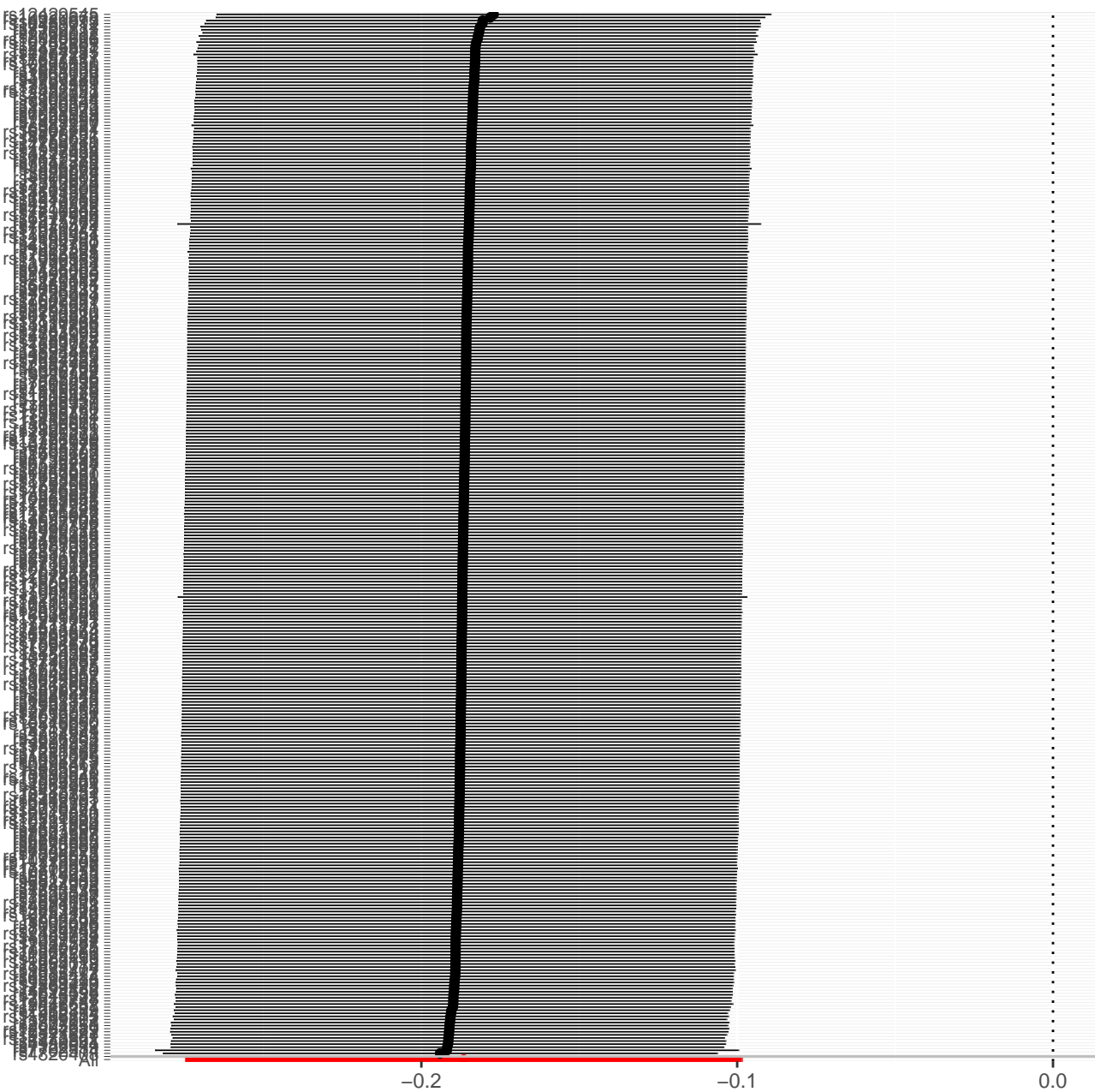




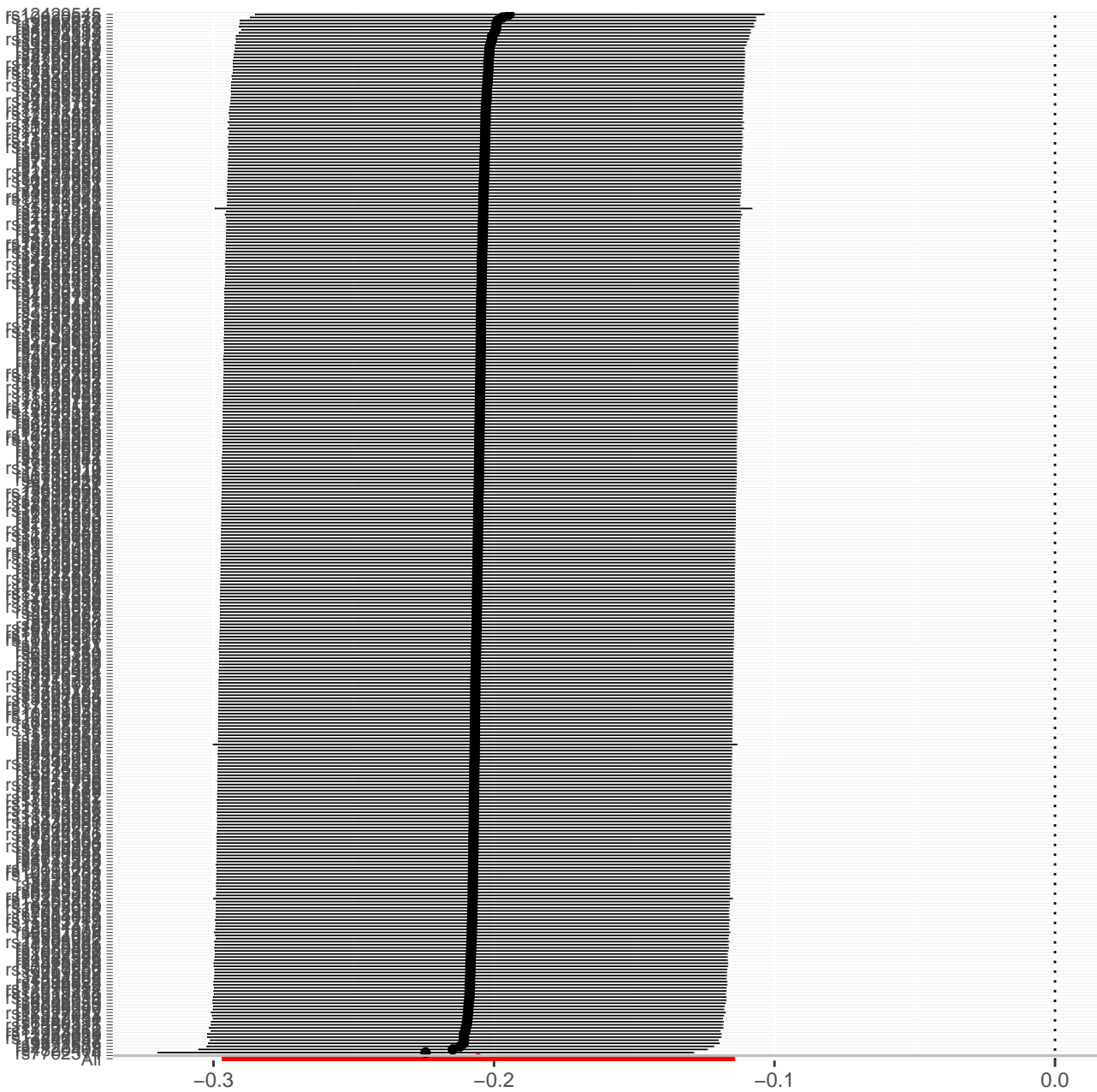
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Albumin || id:841'



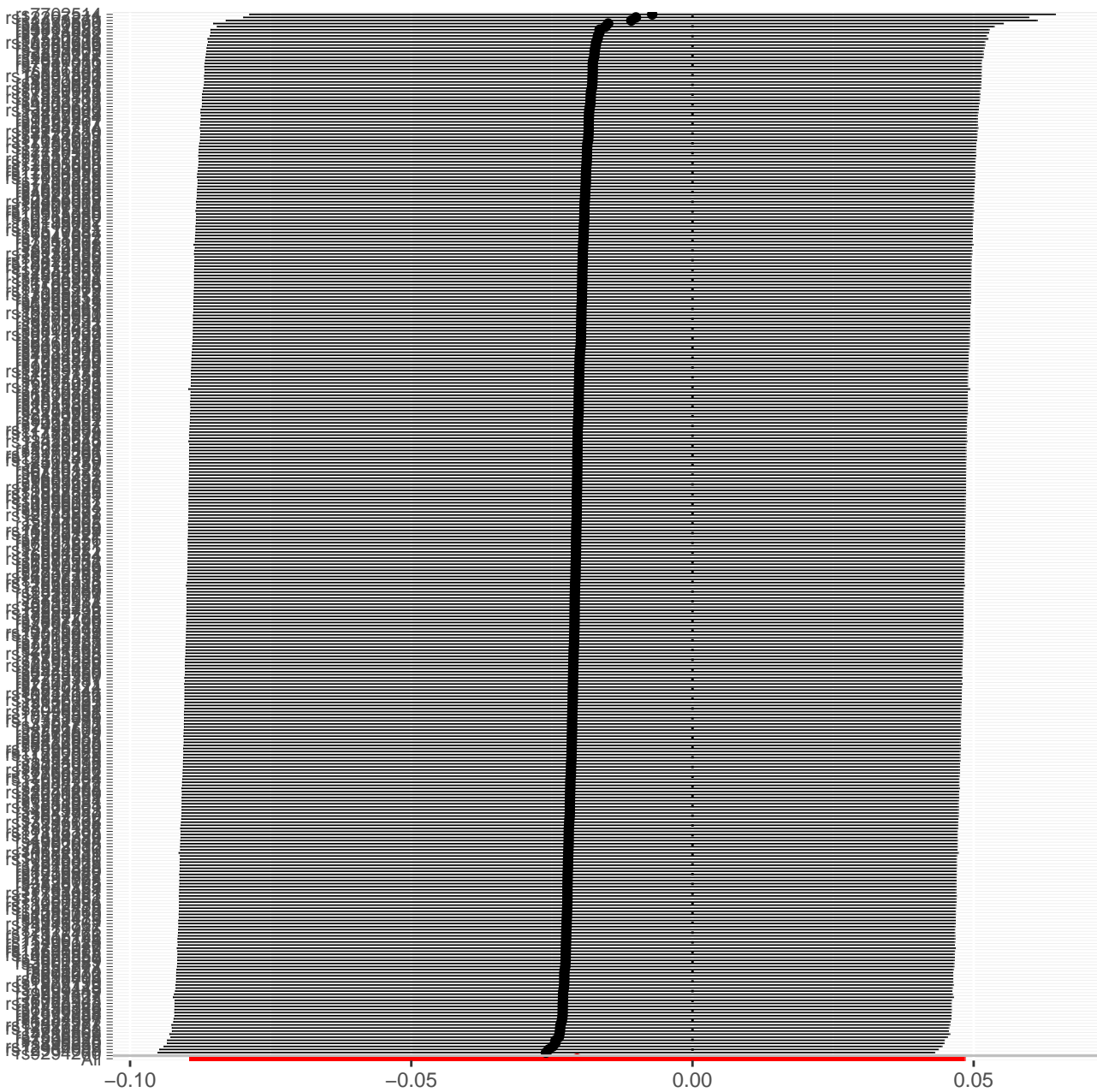


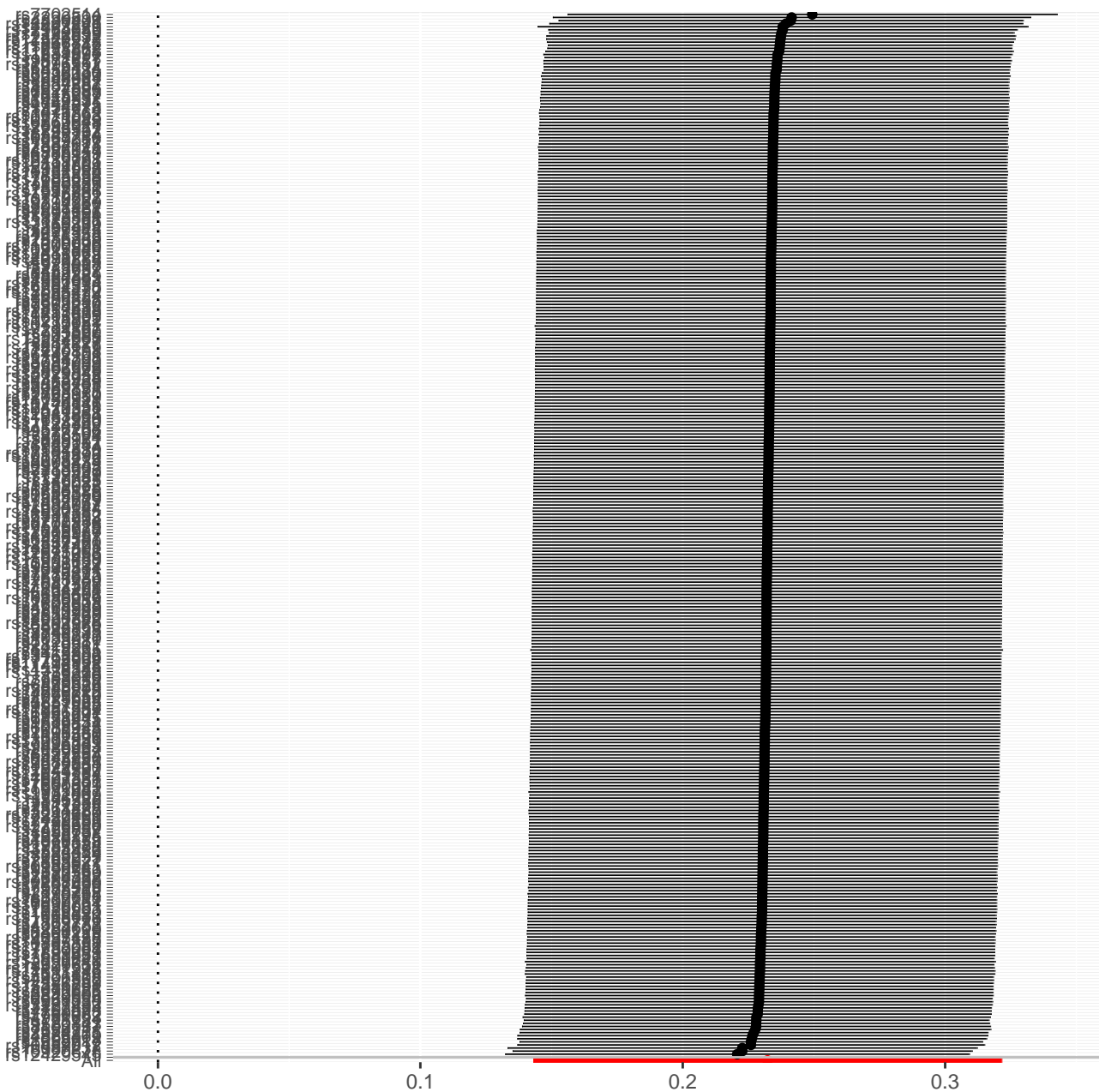


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Ratio of bisallylic groups to double bonds || id:844'

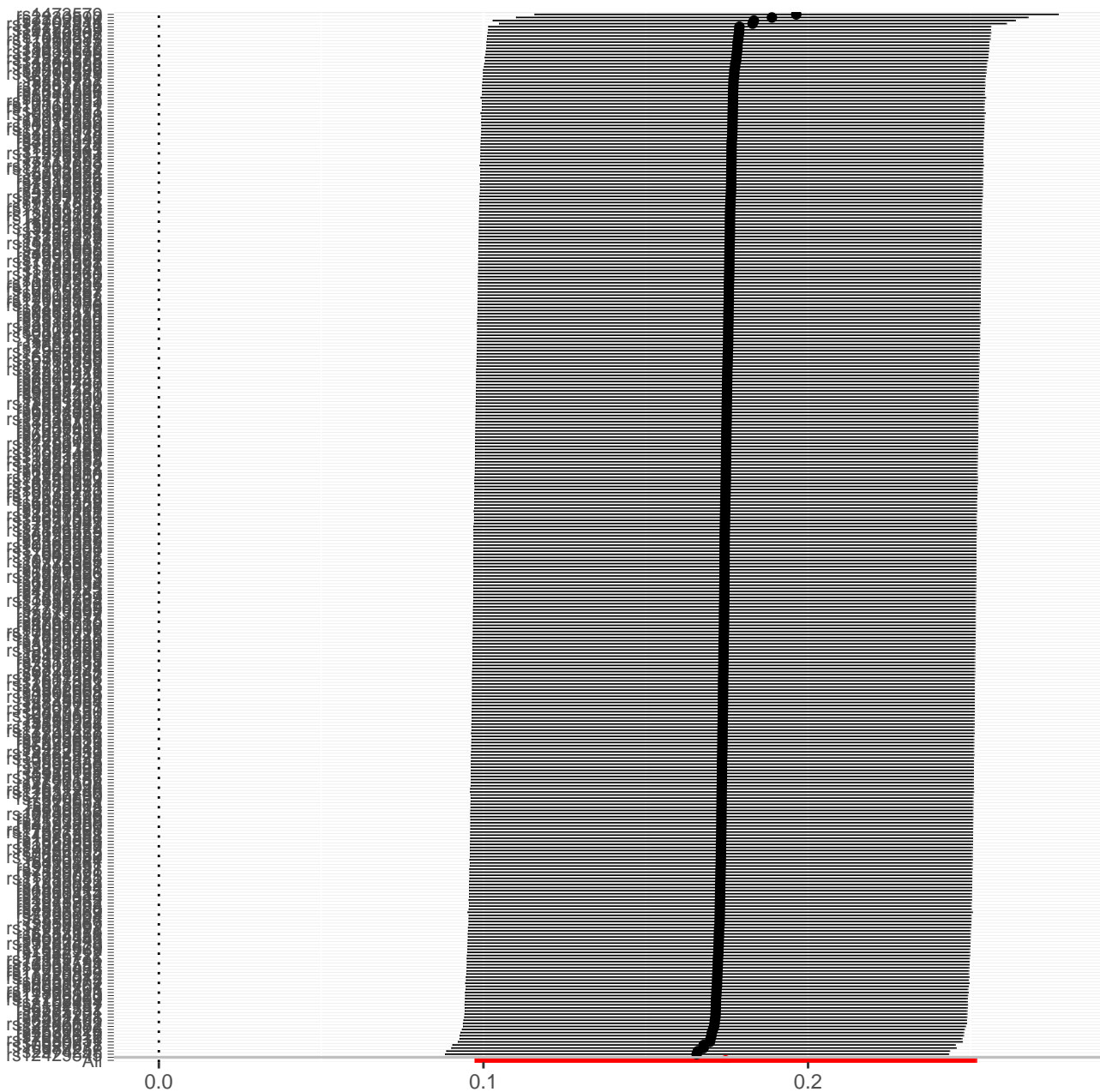


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Ratio of bisallylic groups to total fatty acids || id:845'

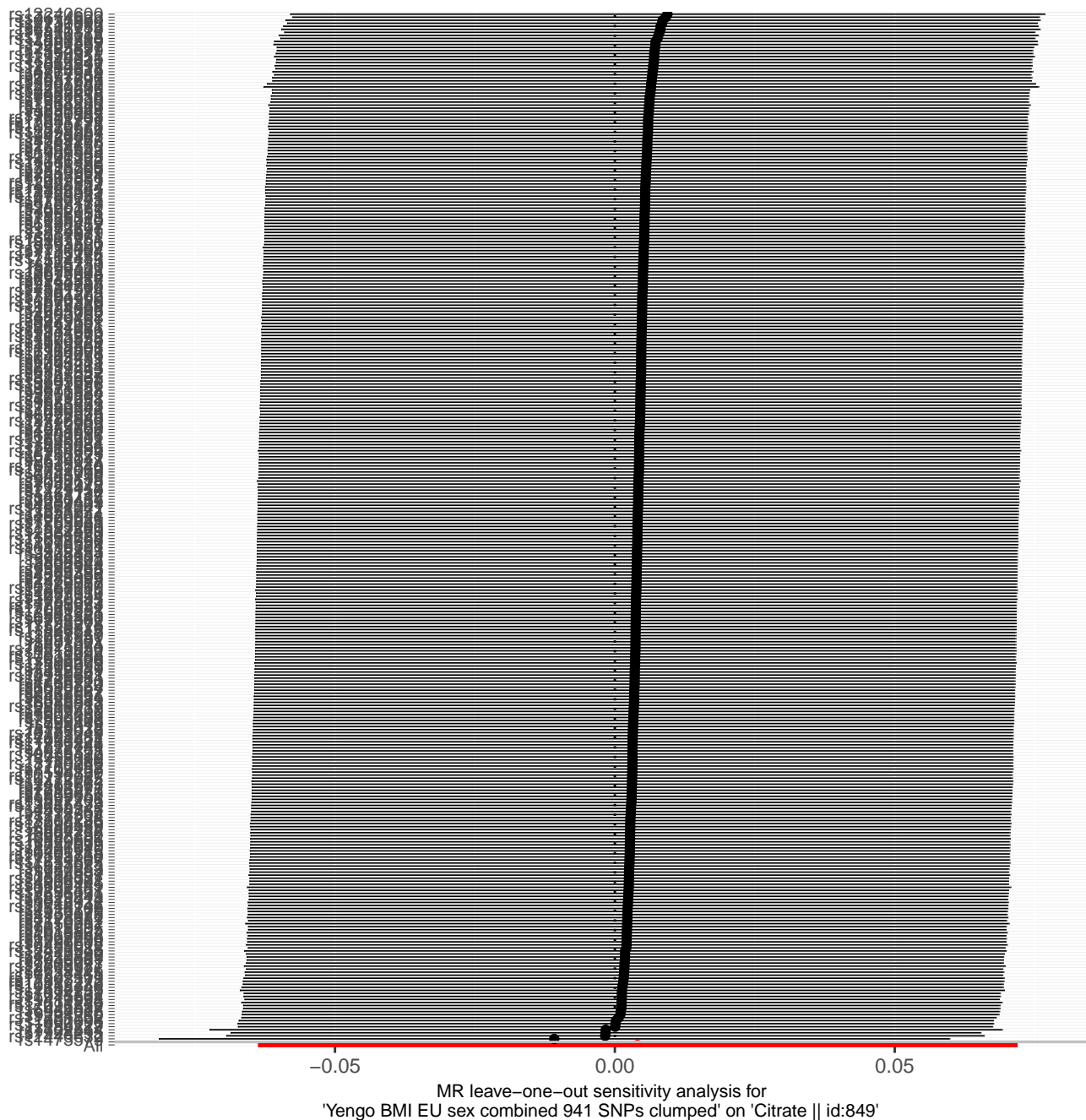


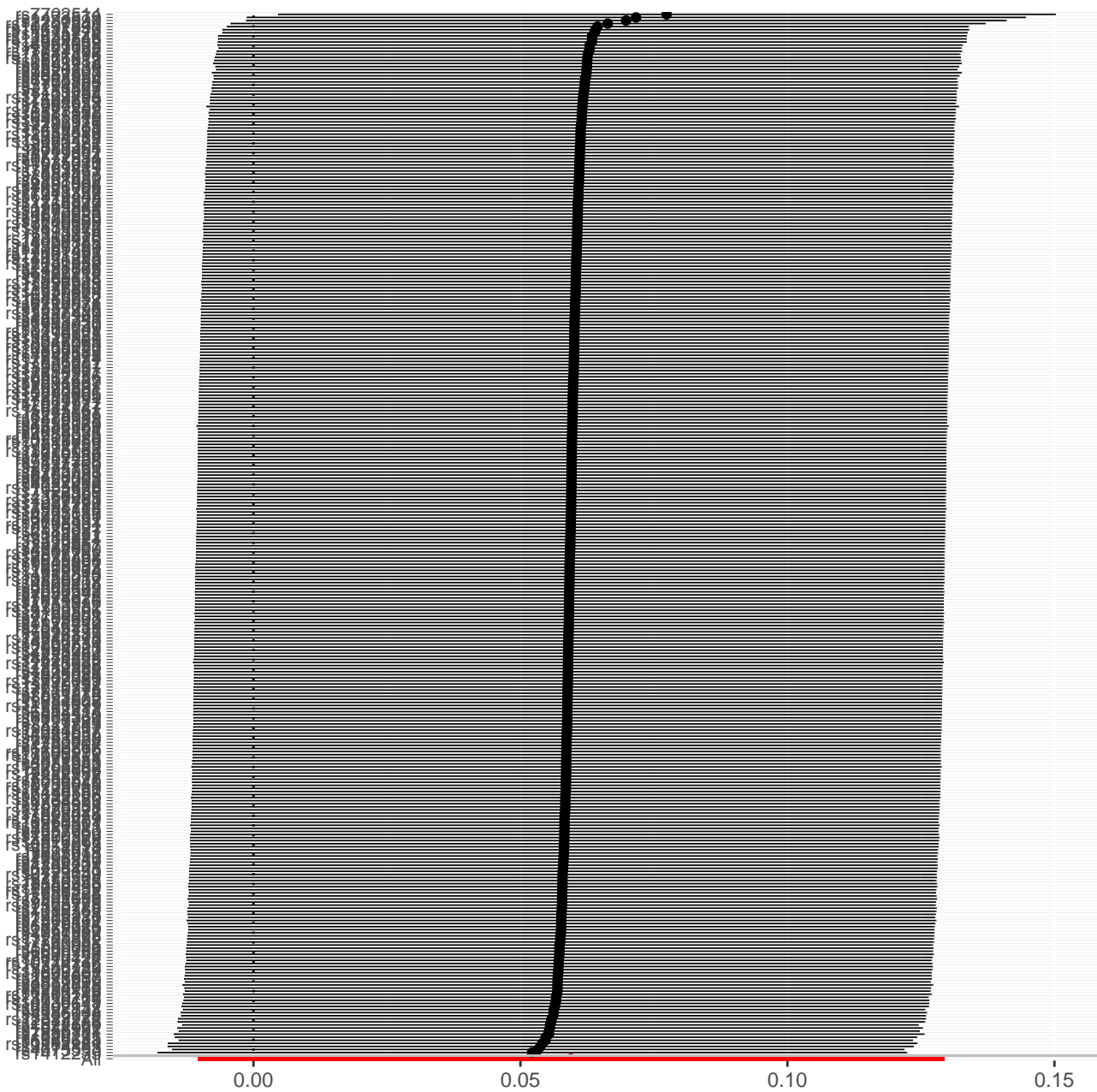


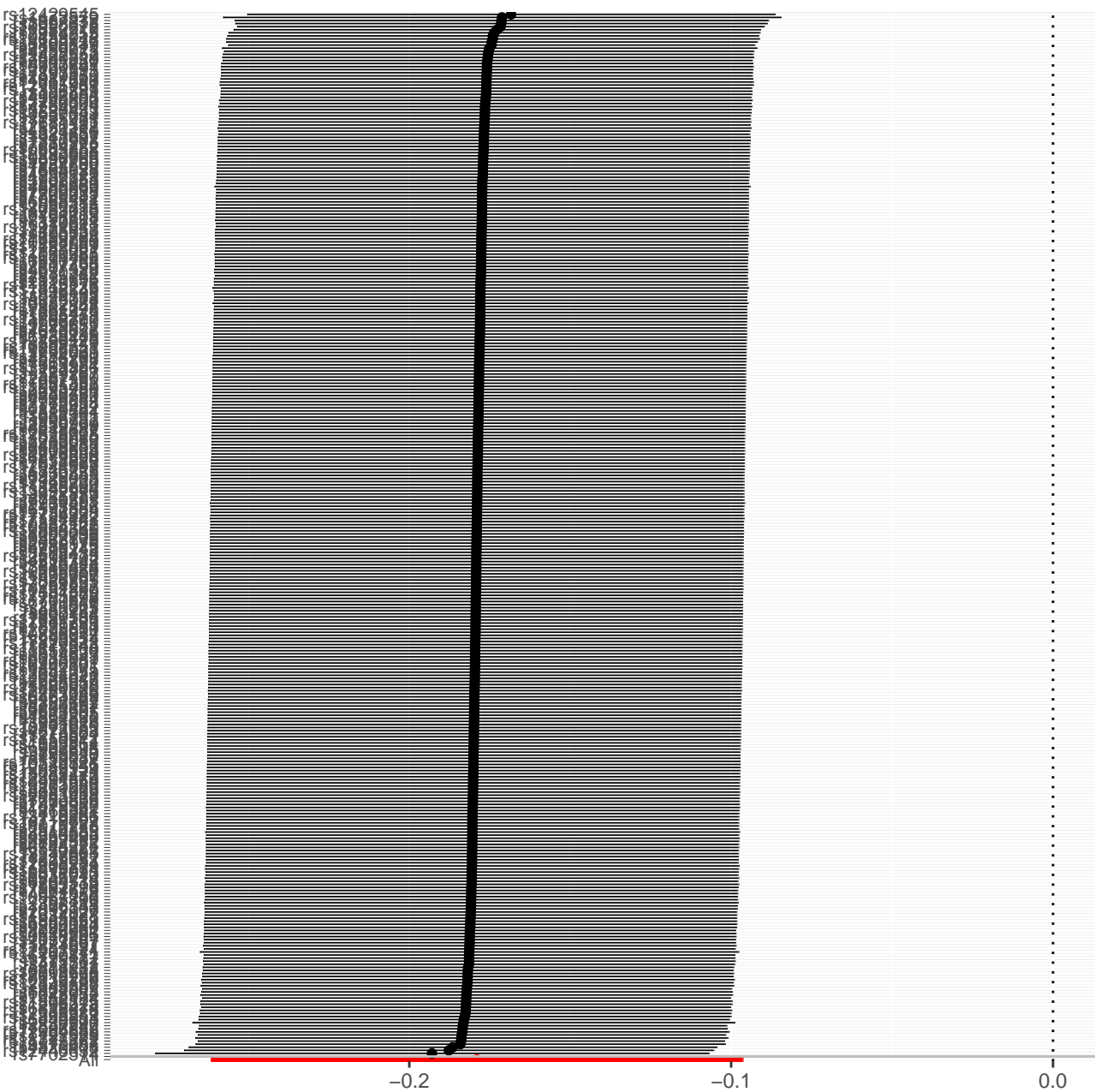
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Average number of methylene groups per double bond || id:847'



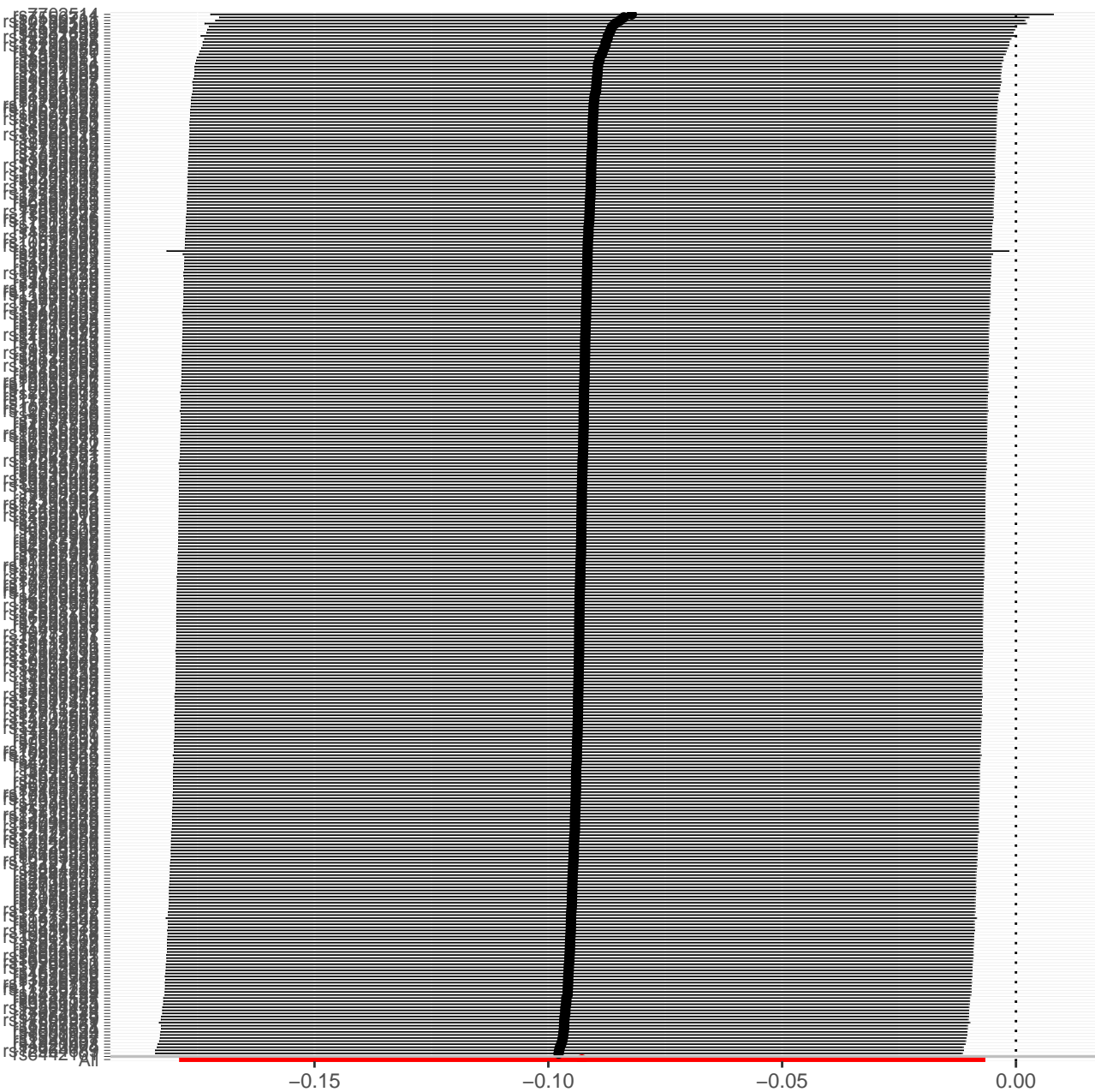
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Average number of methylene groups in a fatty acid chain || id:848'



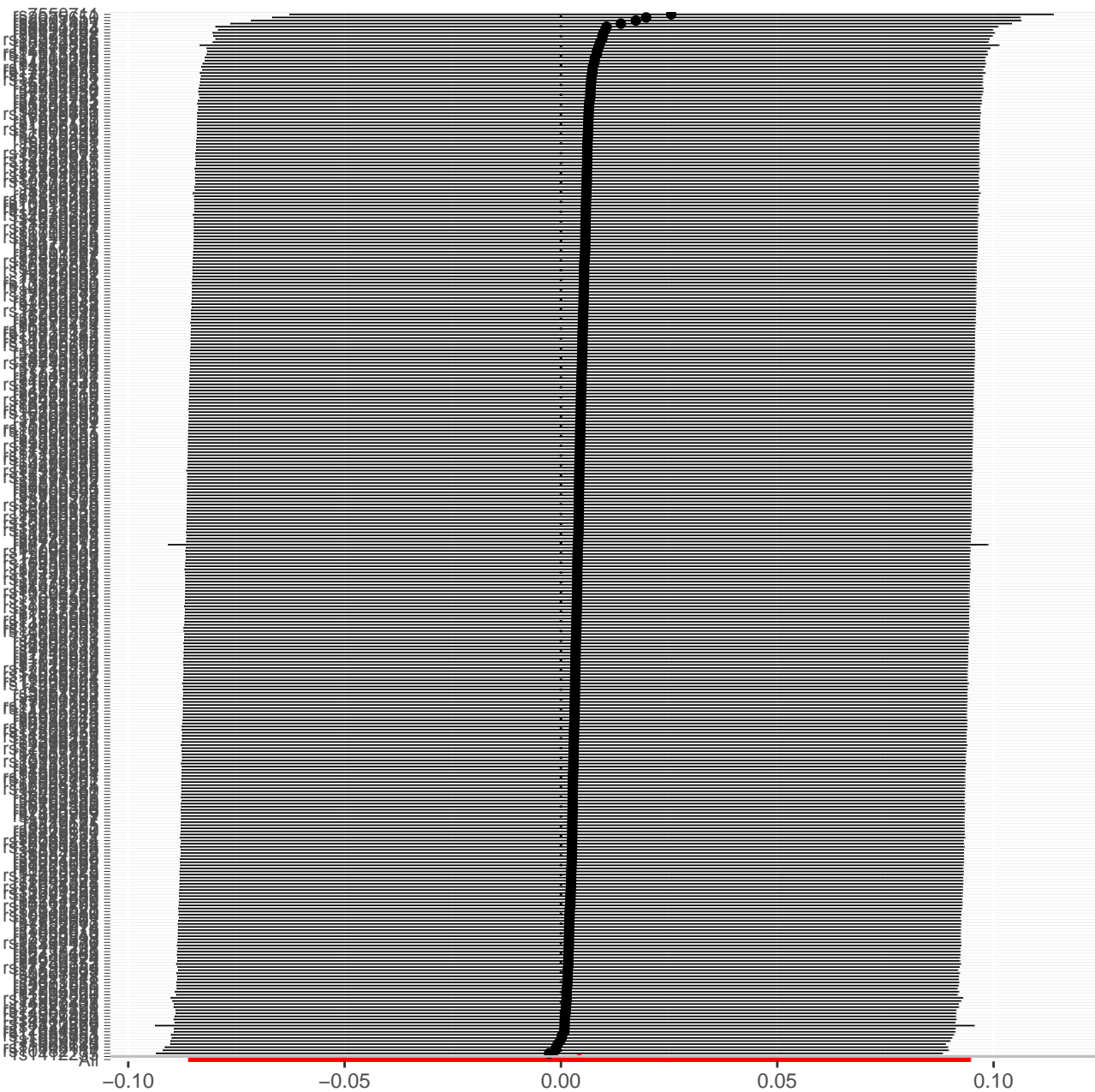




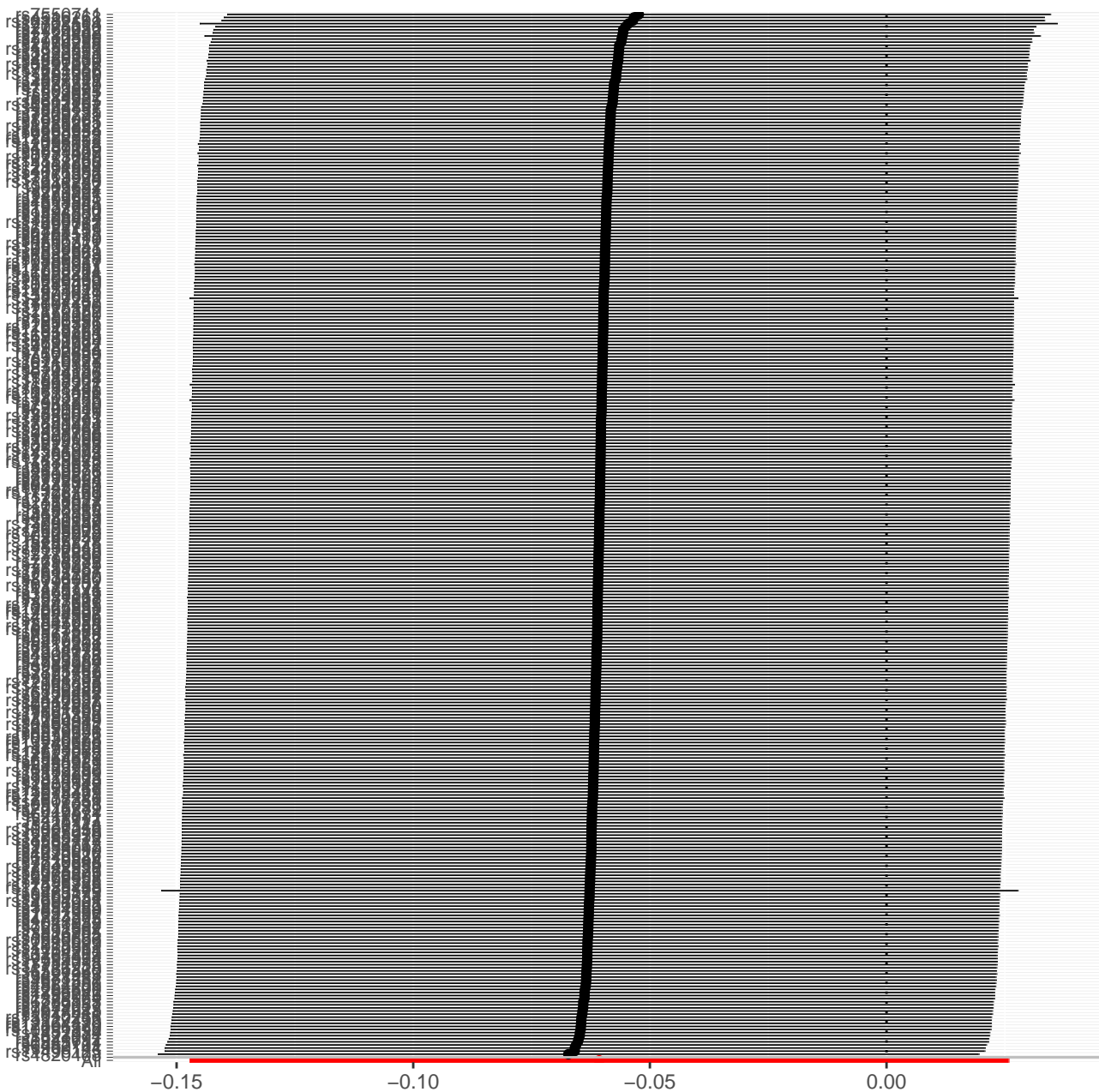
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Average number of double bonds in a fatty acid chain || id:851'



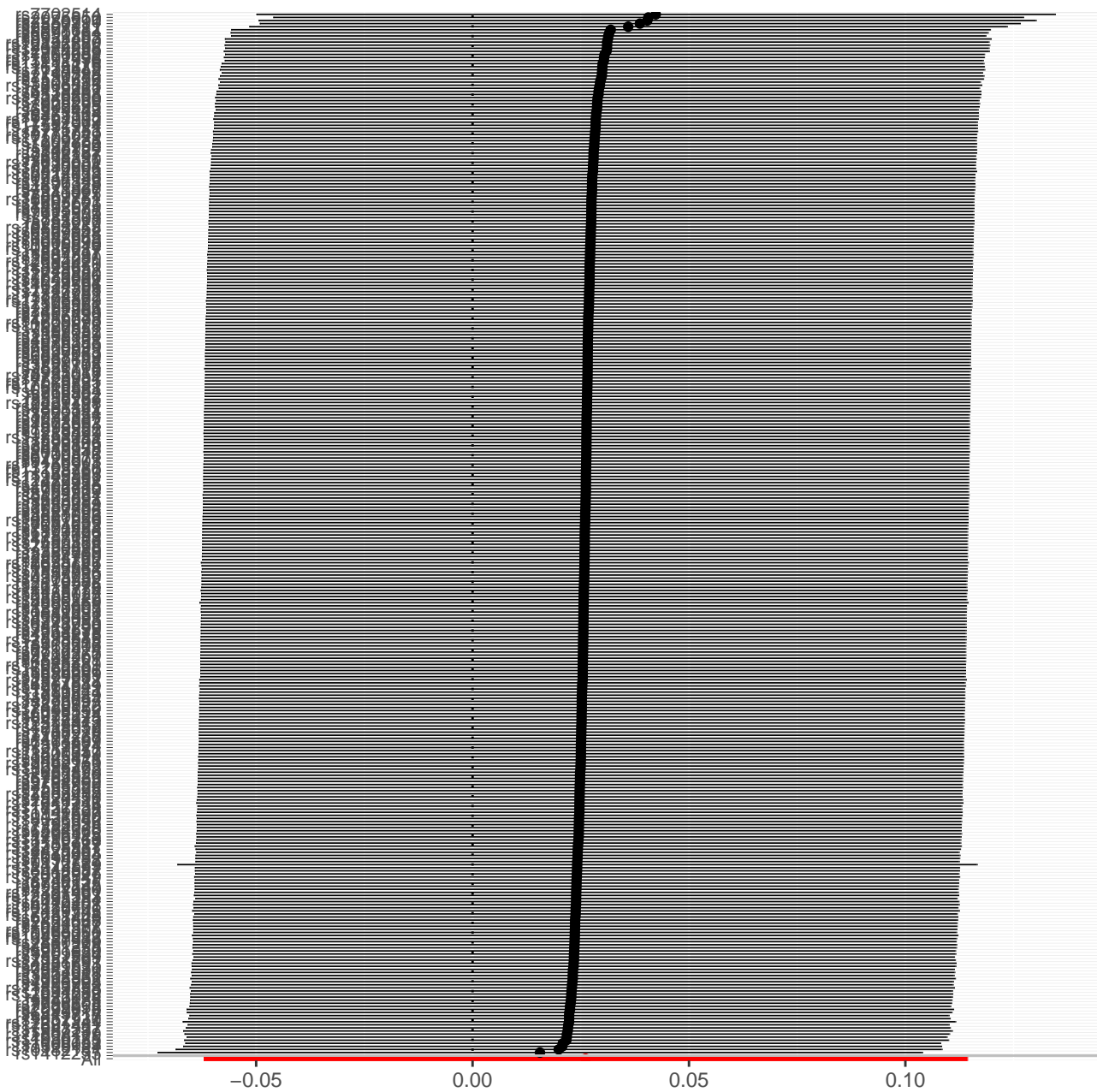
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on '22:6, docosahexaenoic acid || id:852'



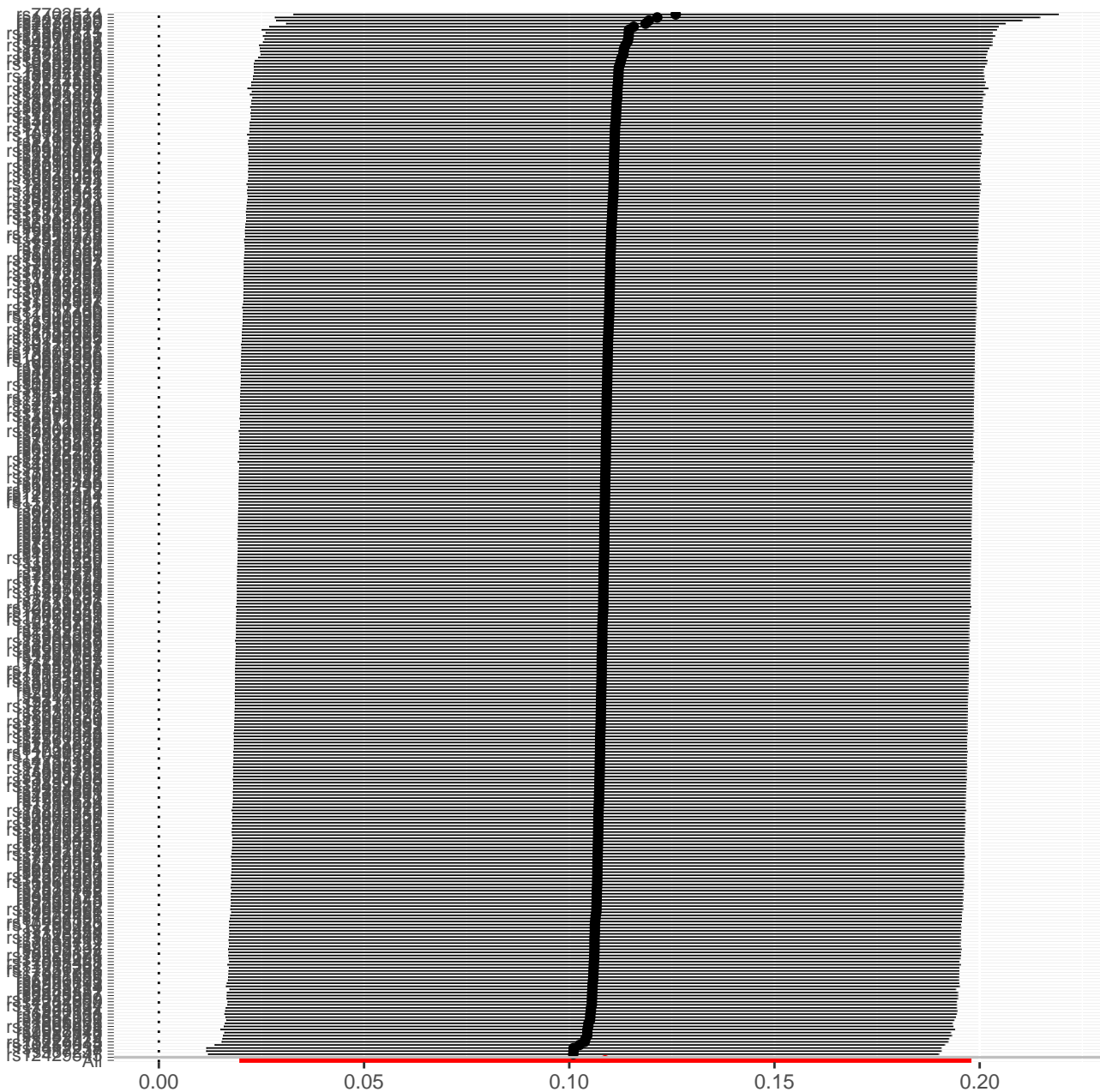
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Free cholesterol to esterified cholesterol ratio || id:853'



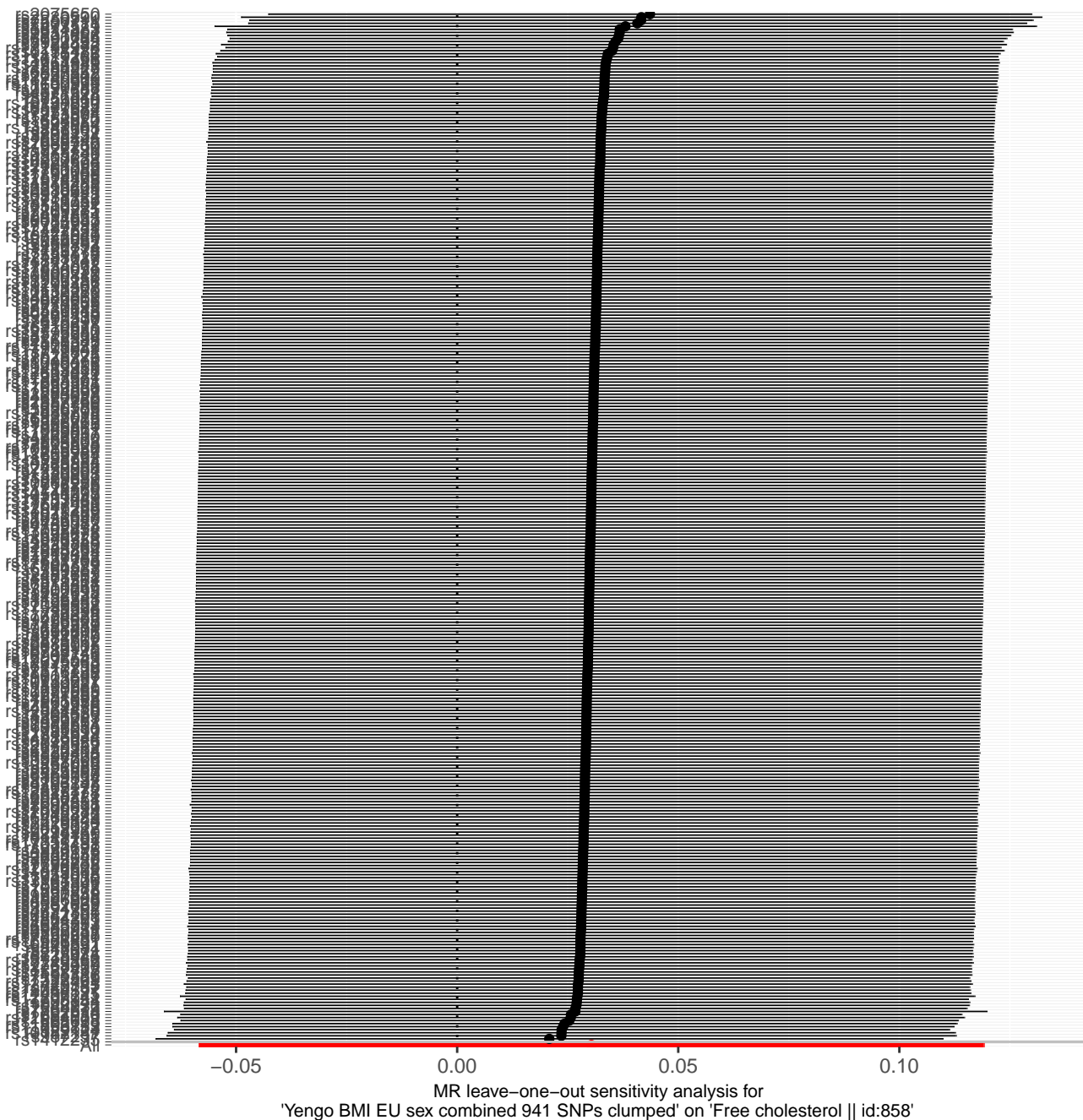
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Omega-3 fatty acids || id:855'



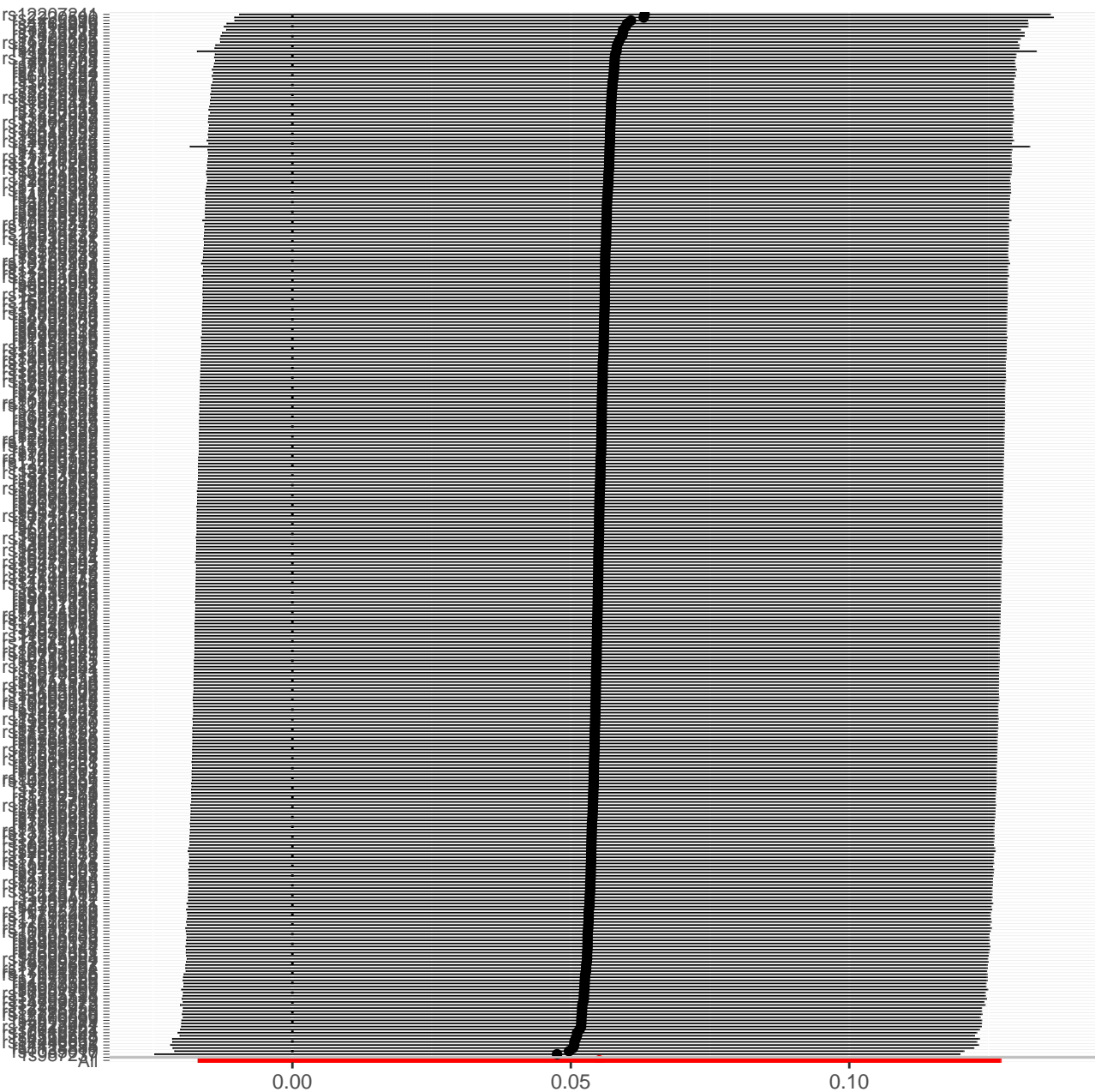
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Omega-6 fatty acids || id:856'

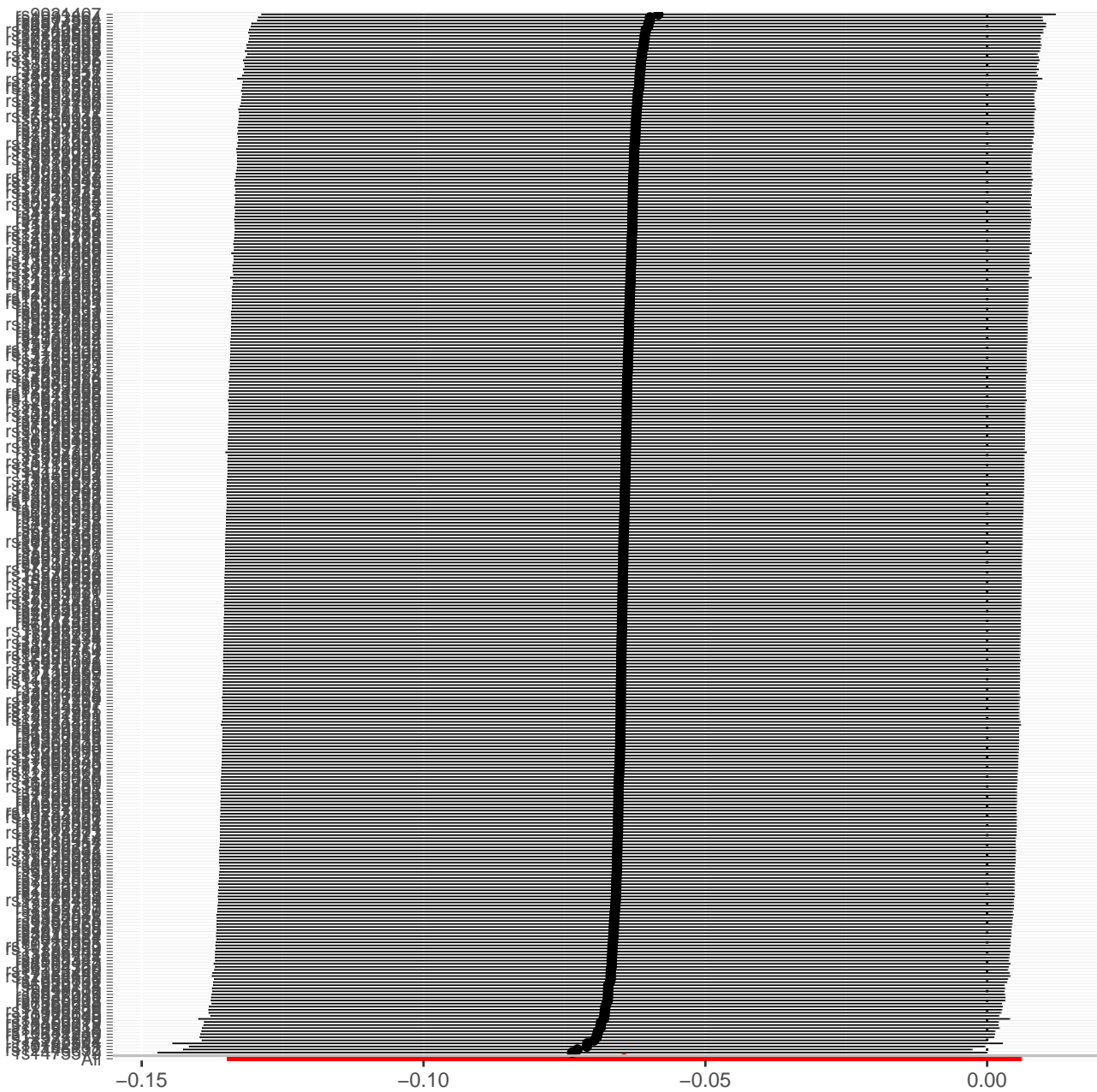


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Omega-7, omega-9 and saturated fatty acids || id:857'

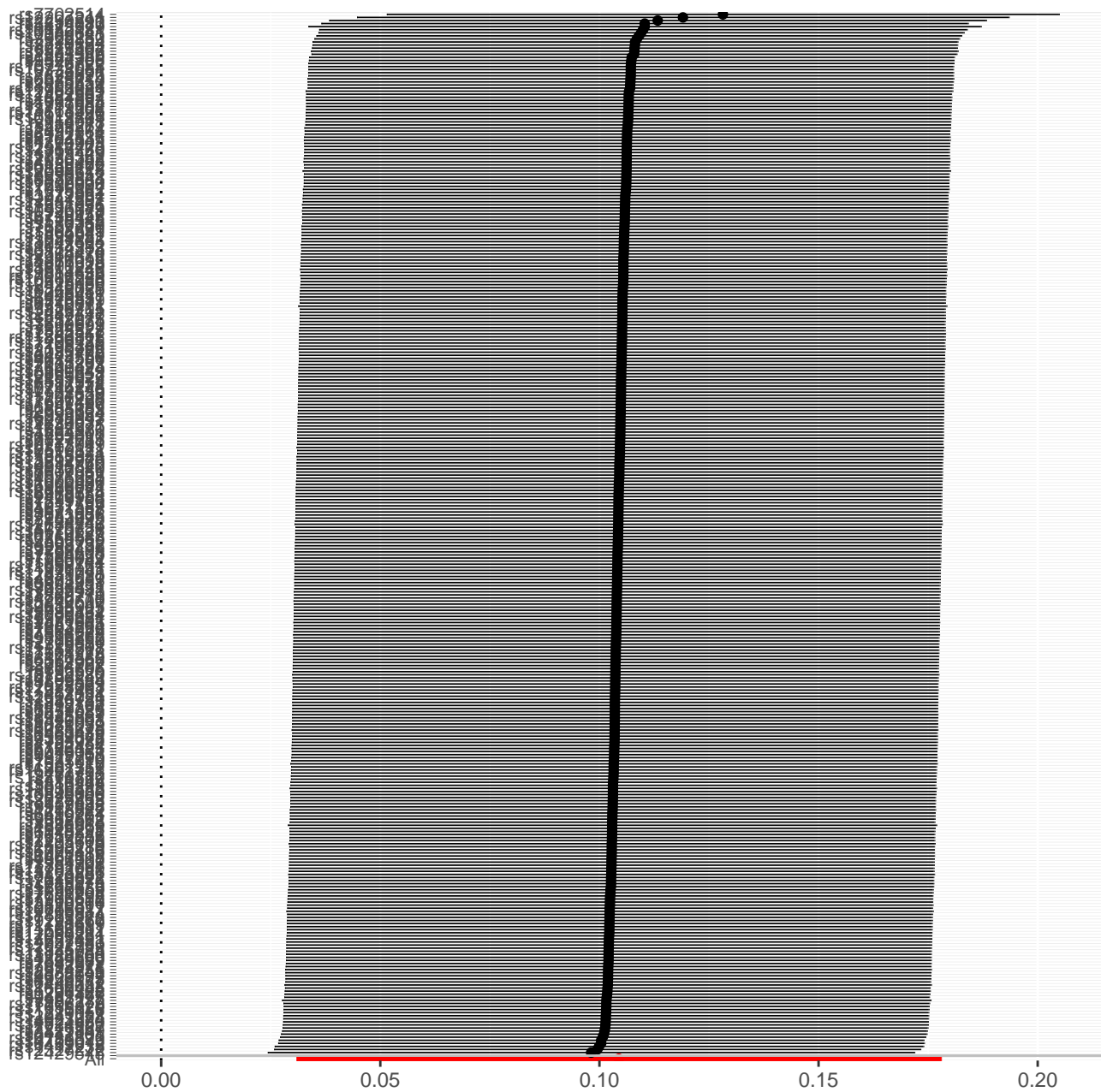


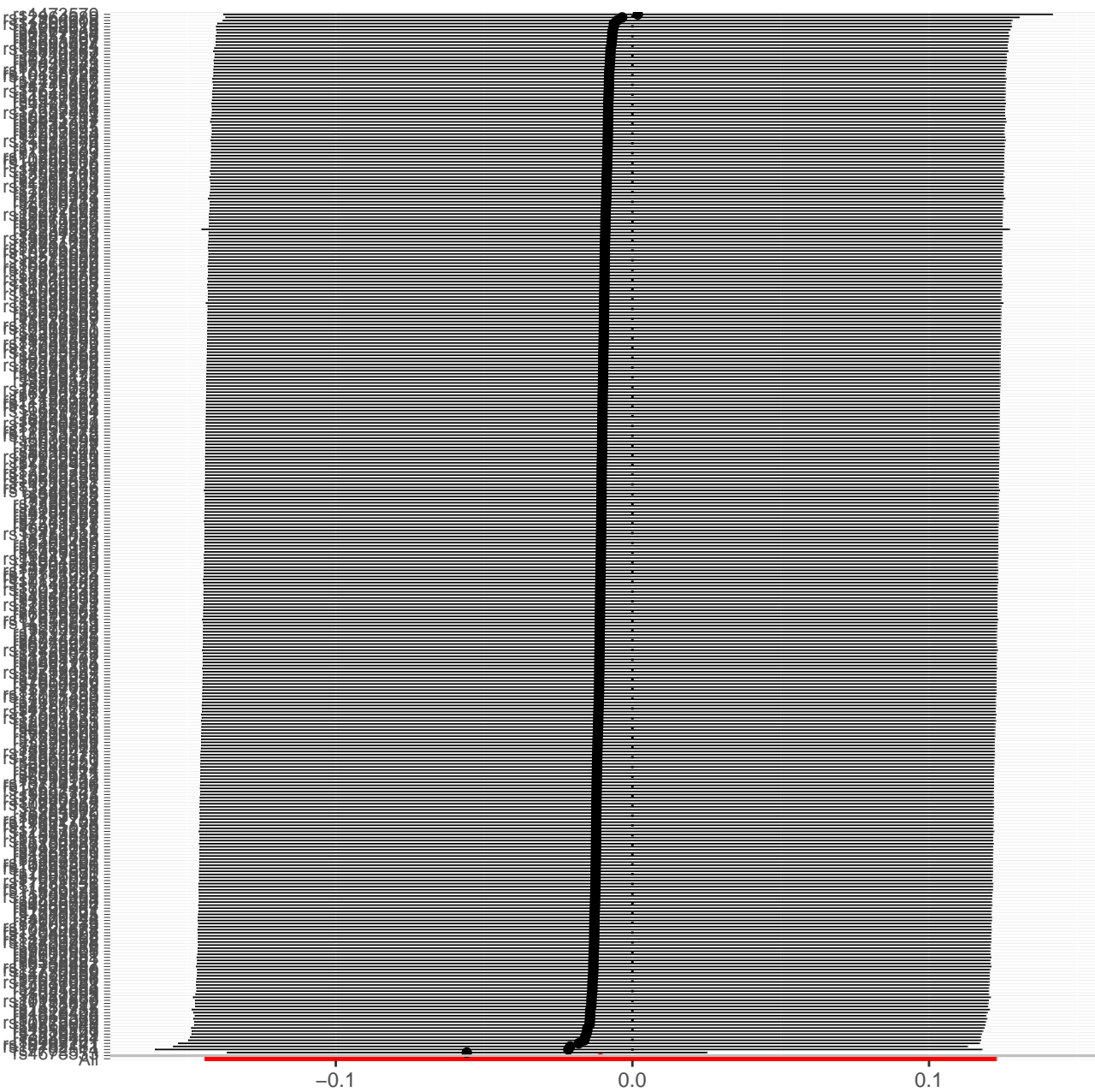
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Glucose || id:859'

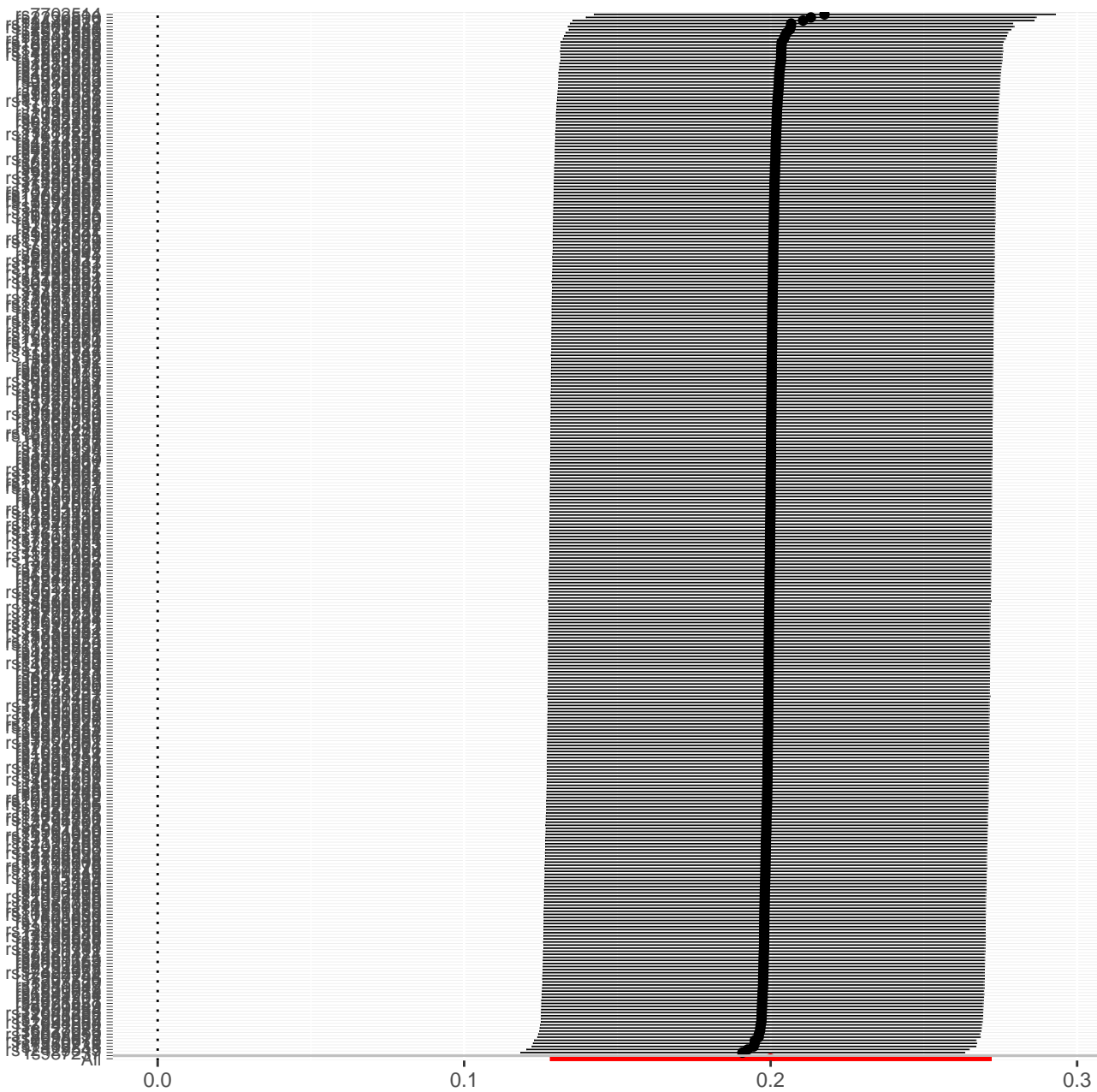


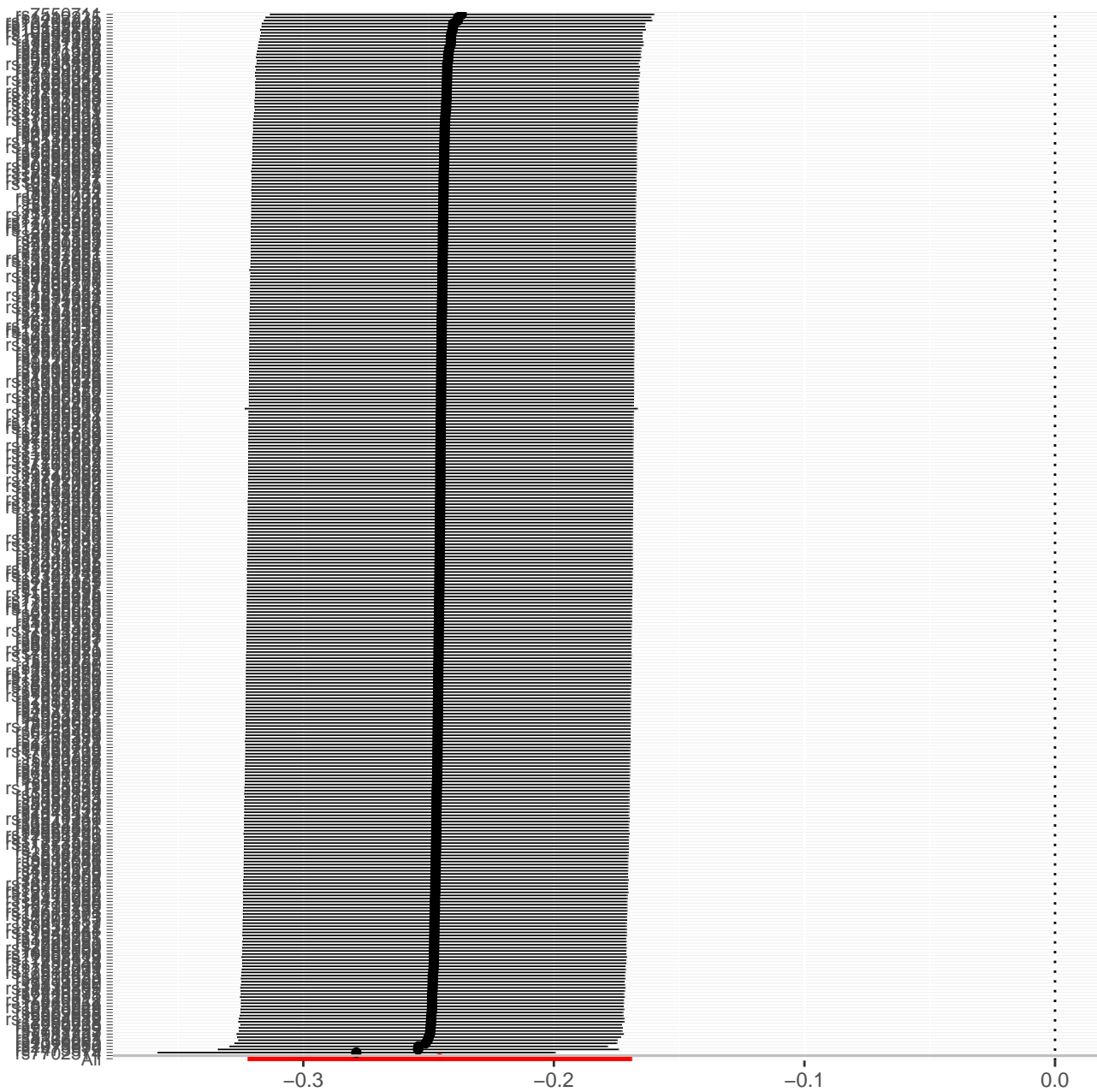


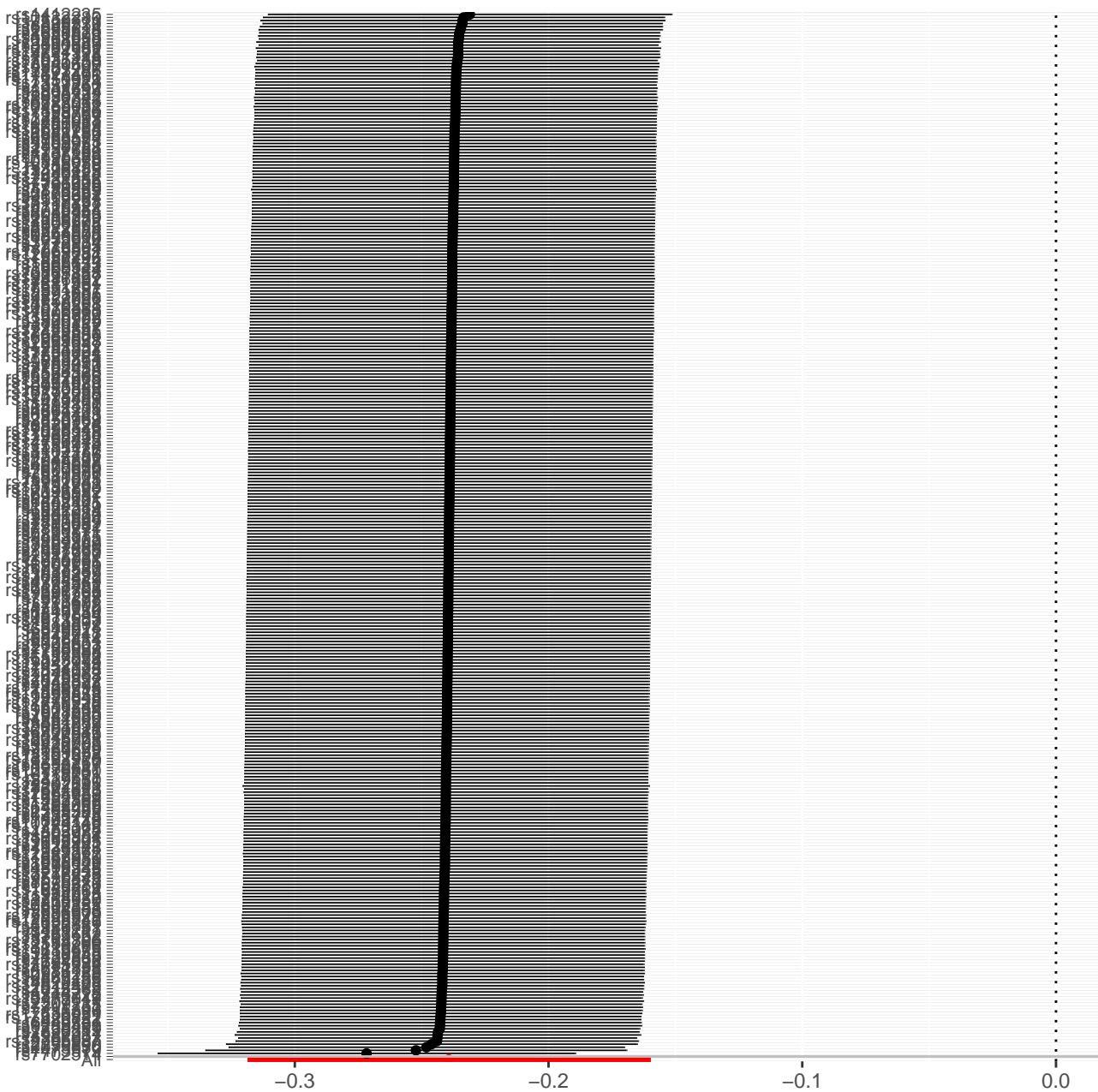
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Glutamine || id:860'



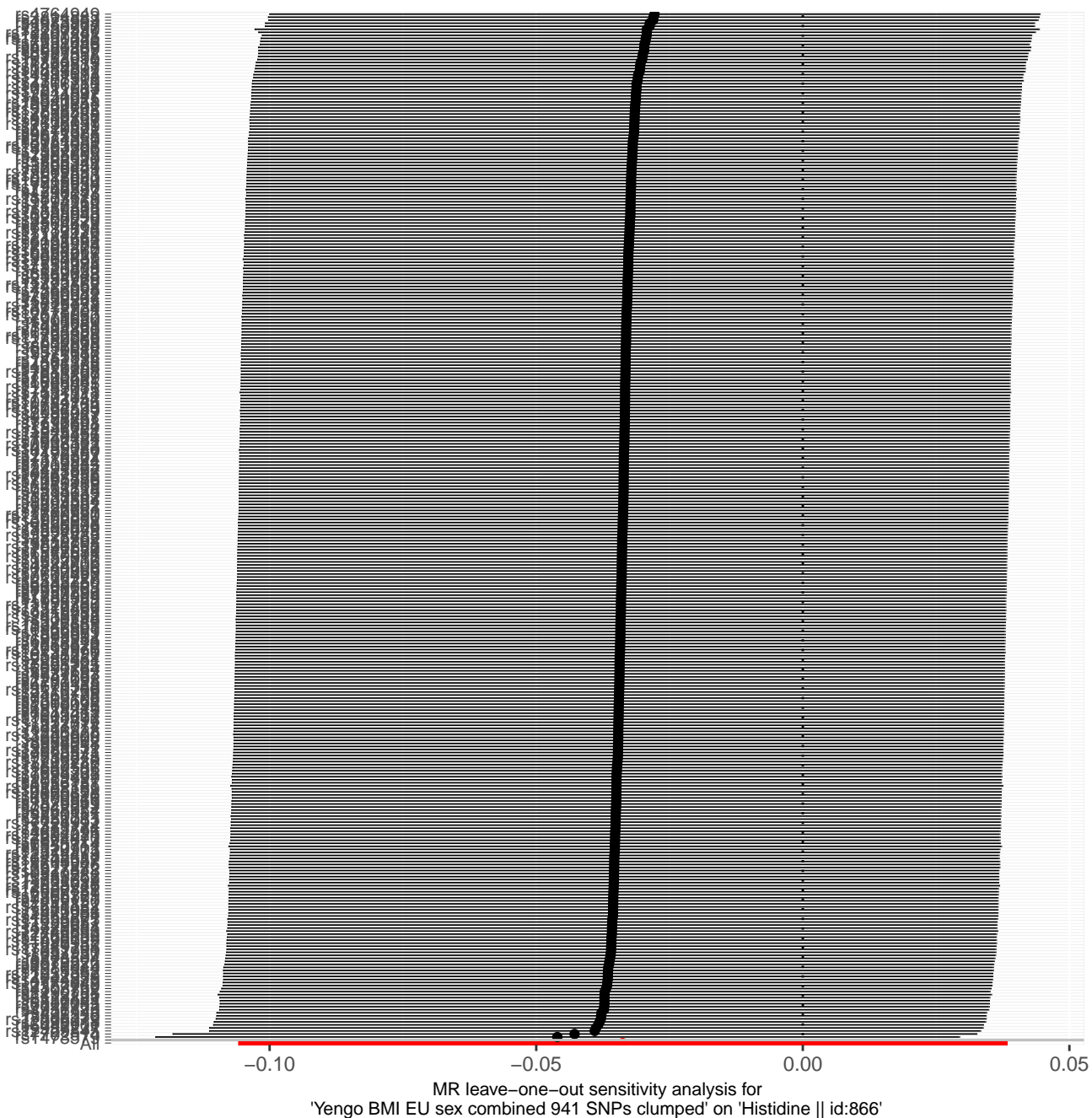


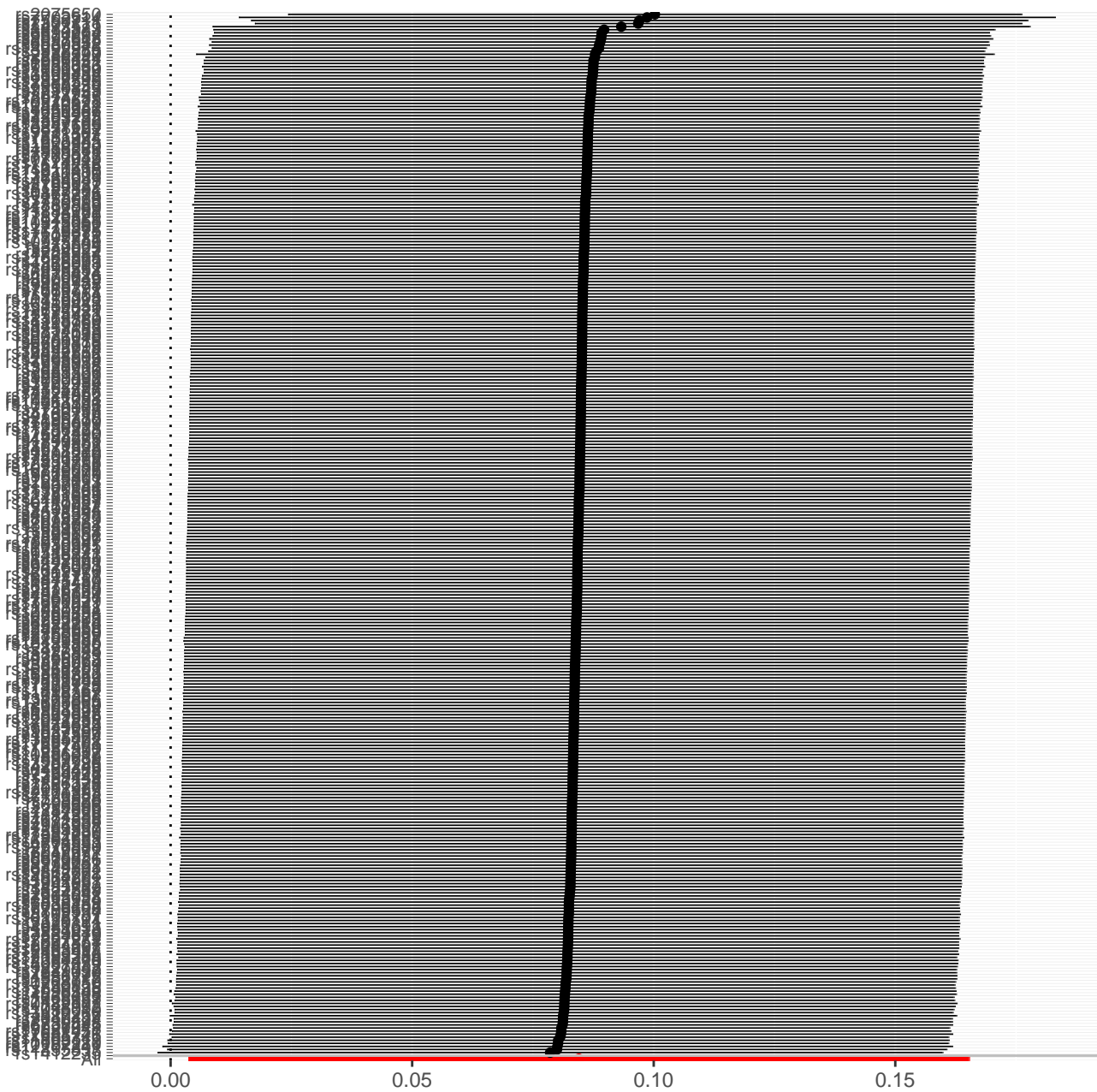




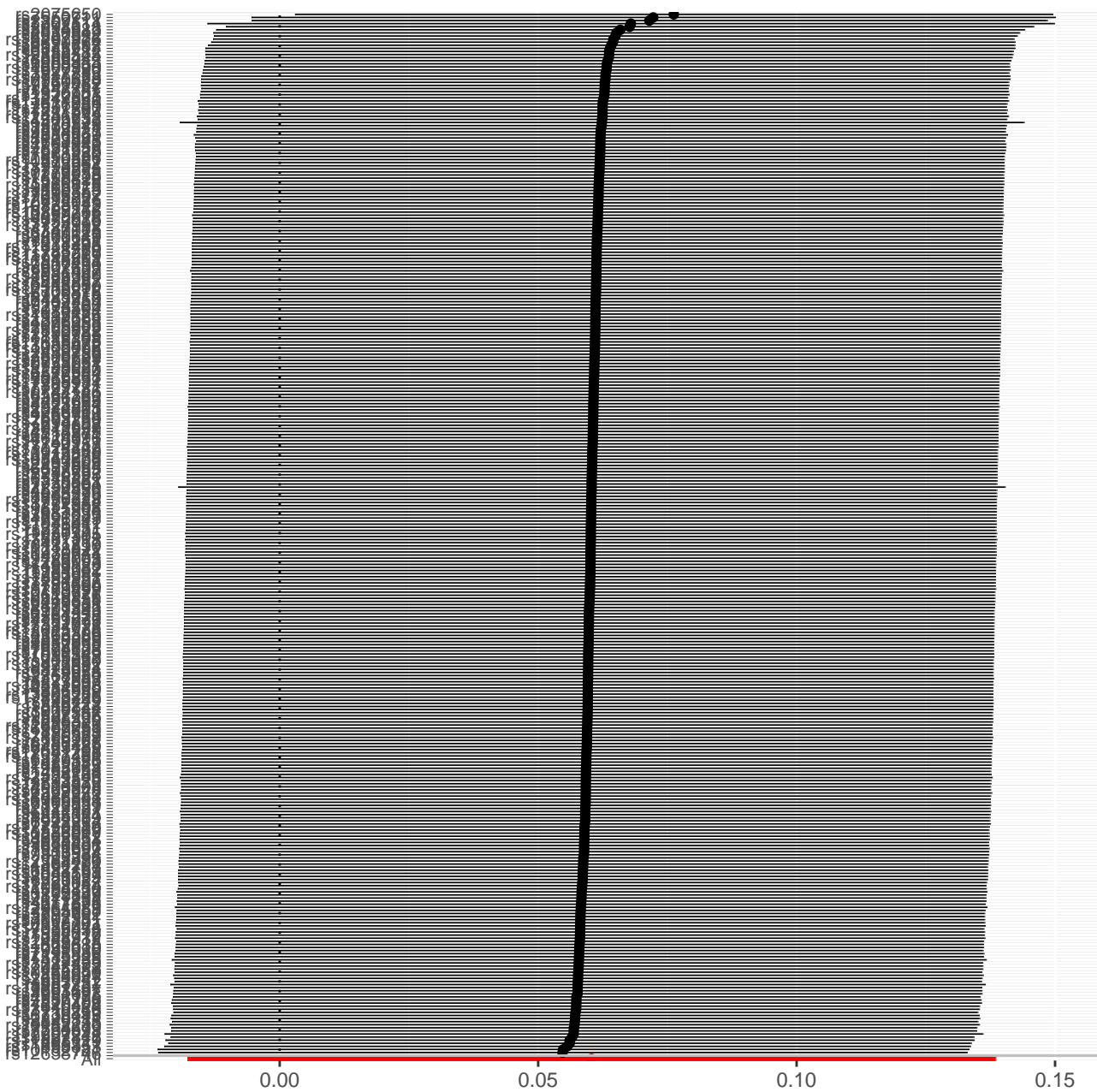


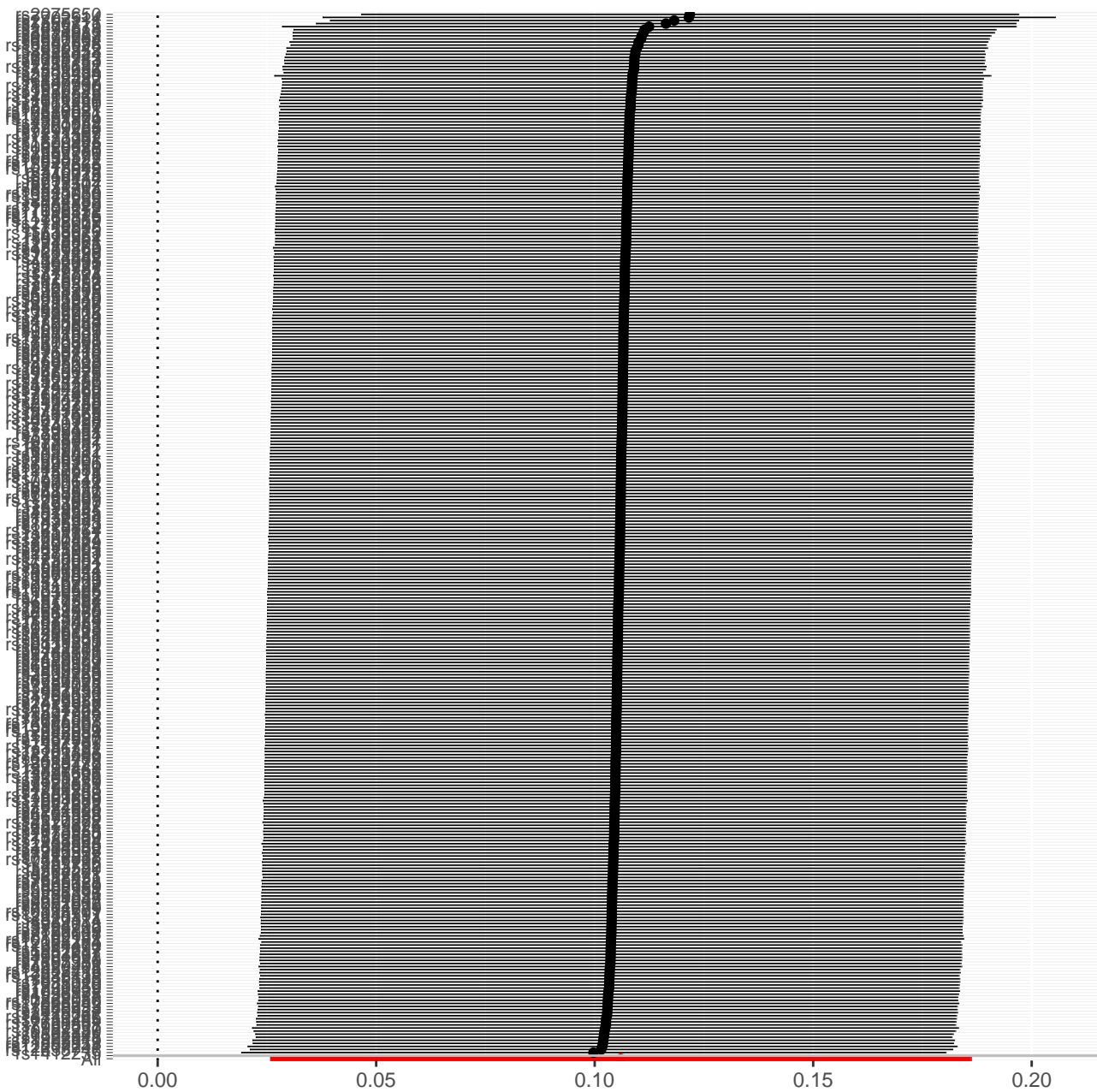
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Mean diameter for HDL particles || id:865'



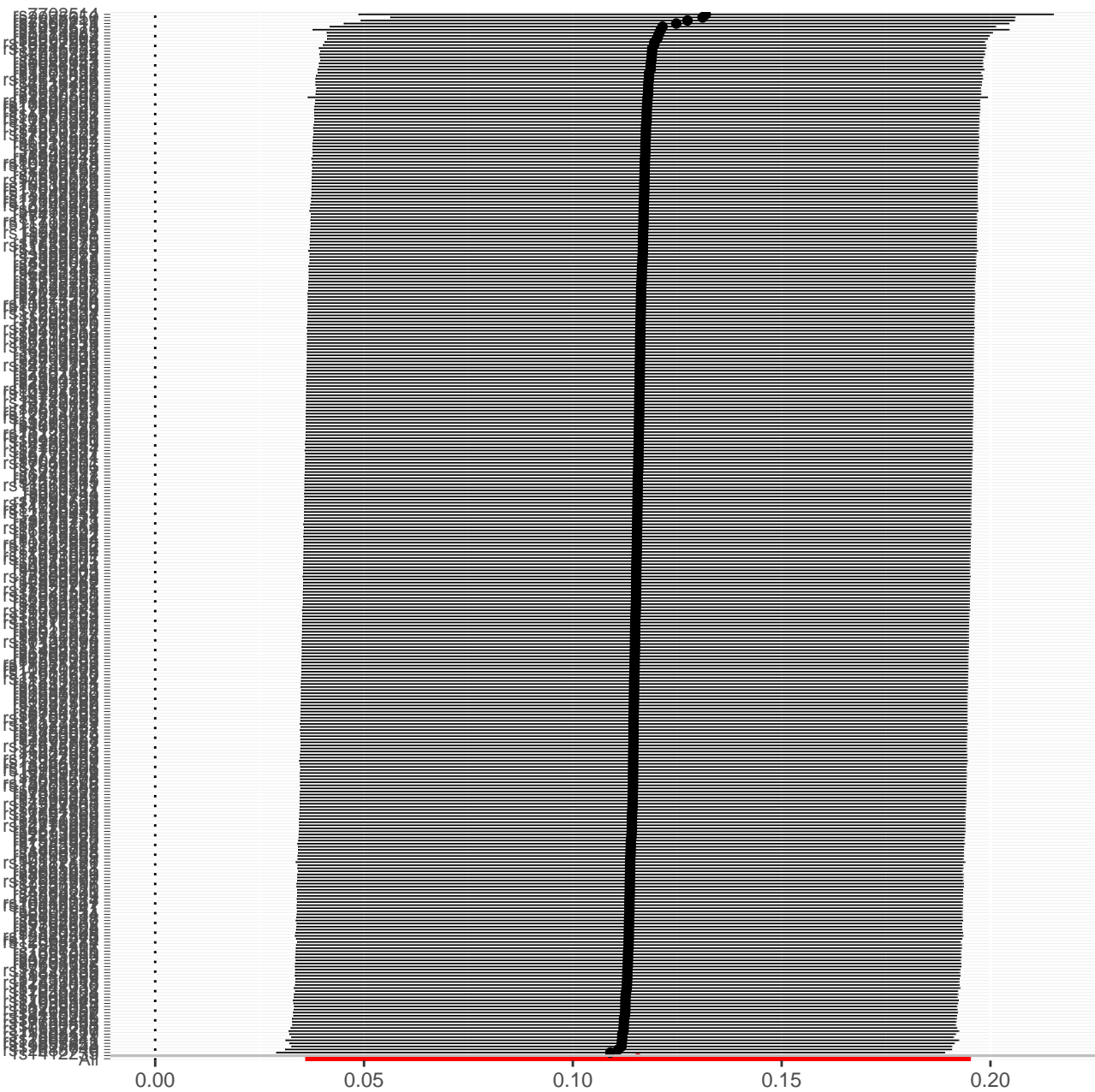


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total cholesterol in IDL || id:867'

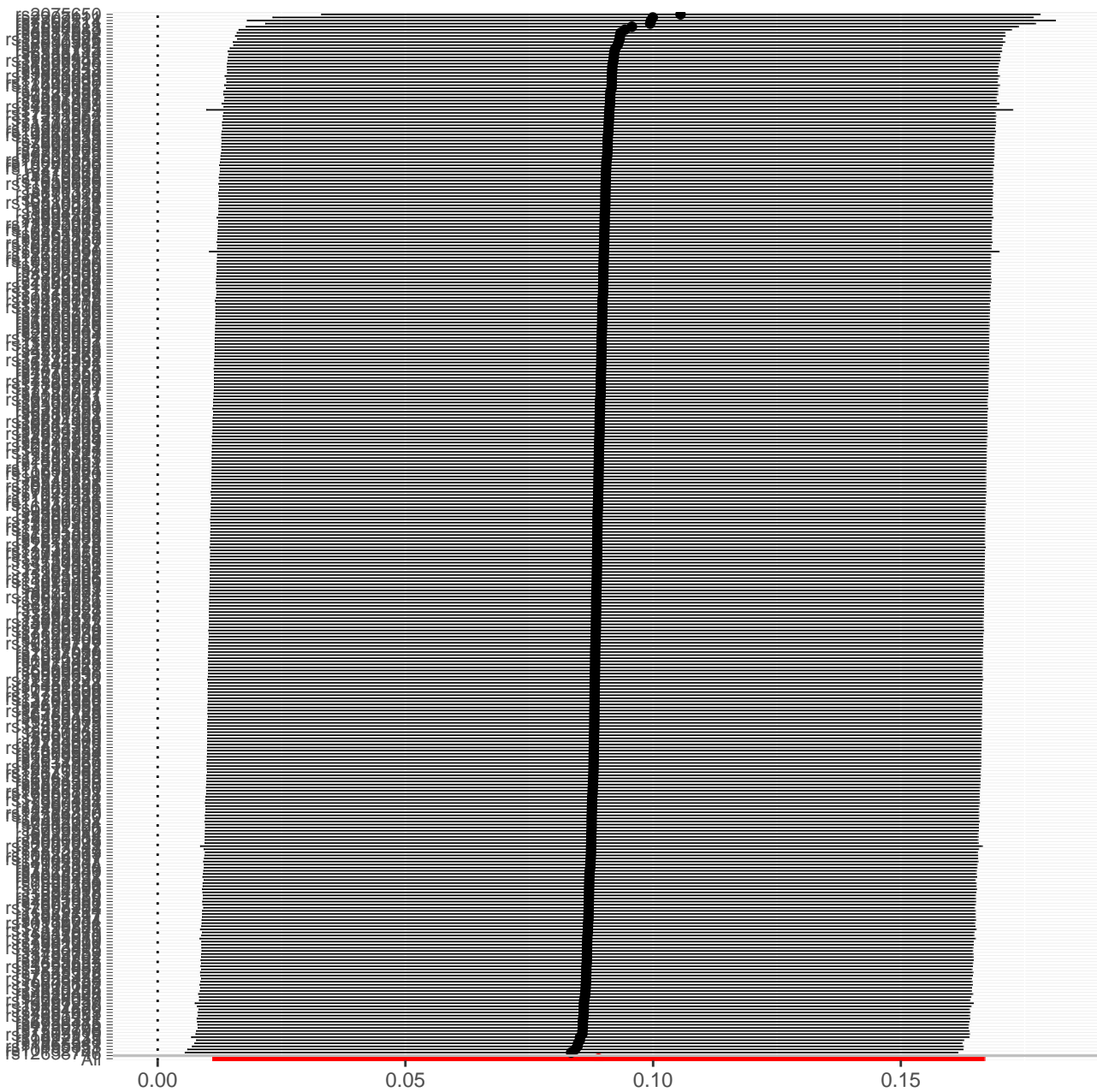




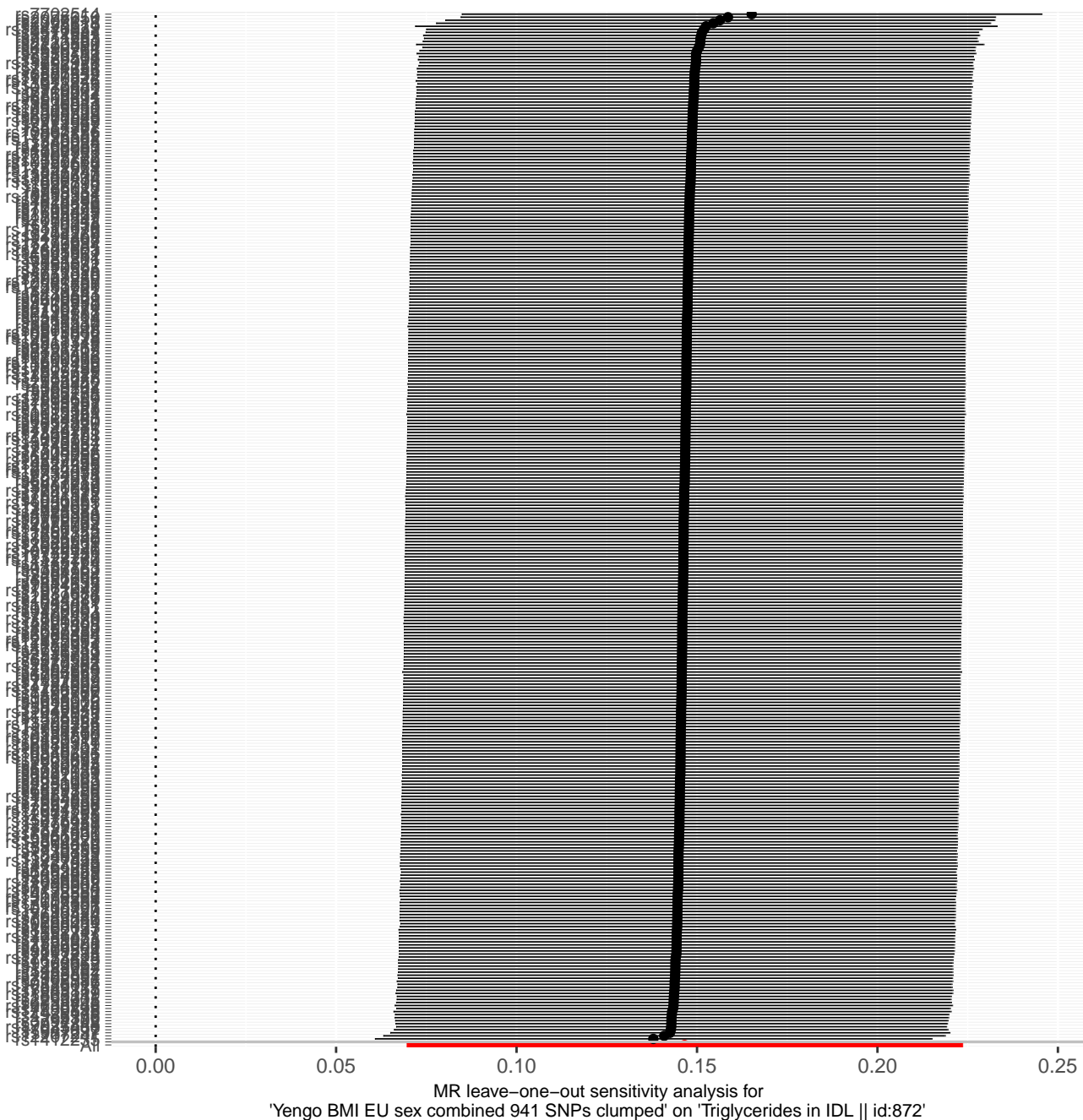
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total lipids in IDL || id:869'

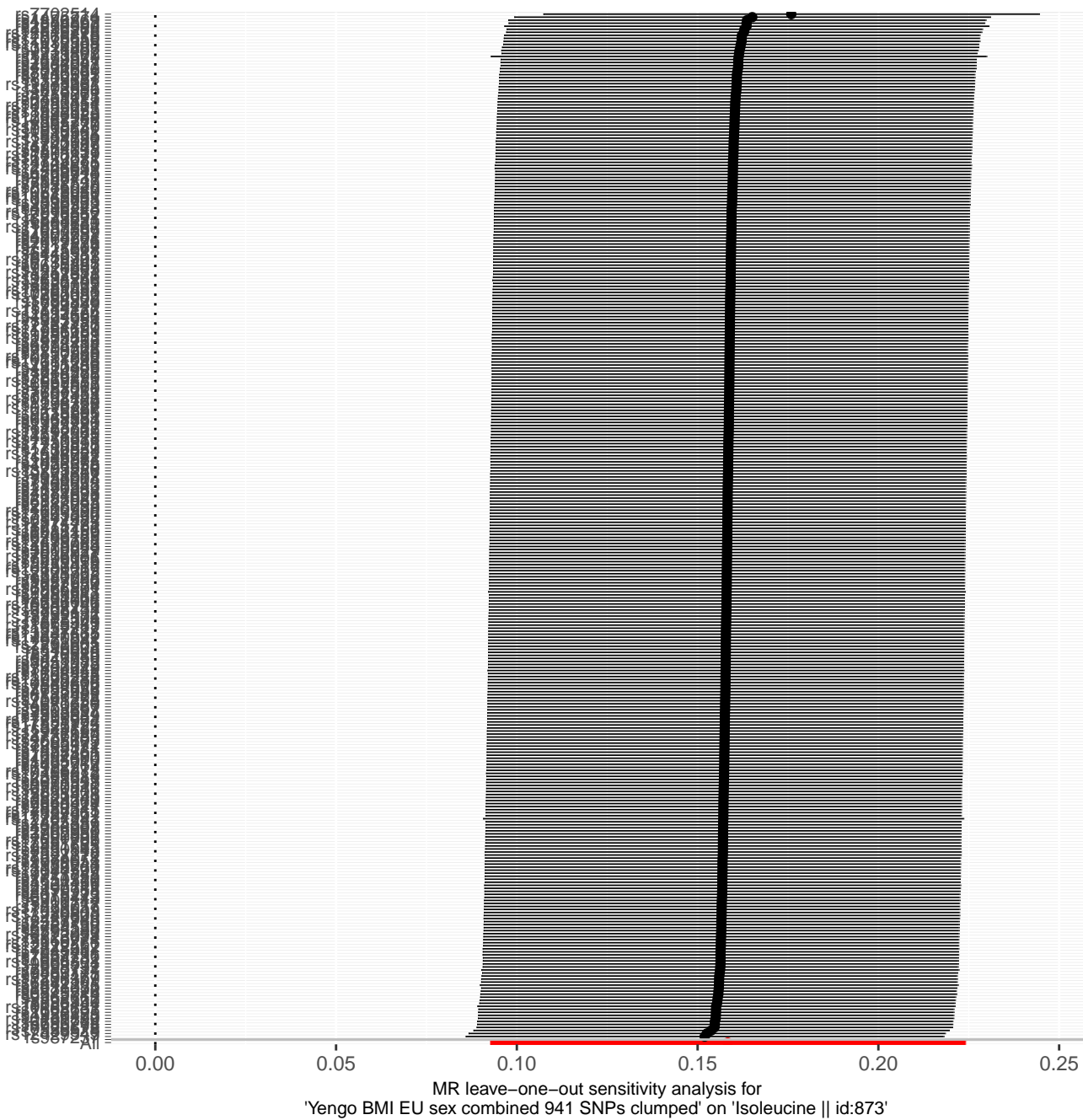


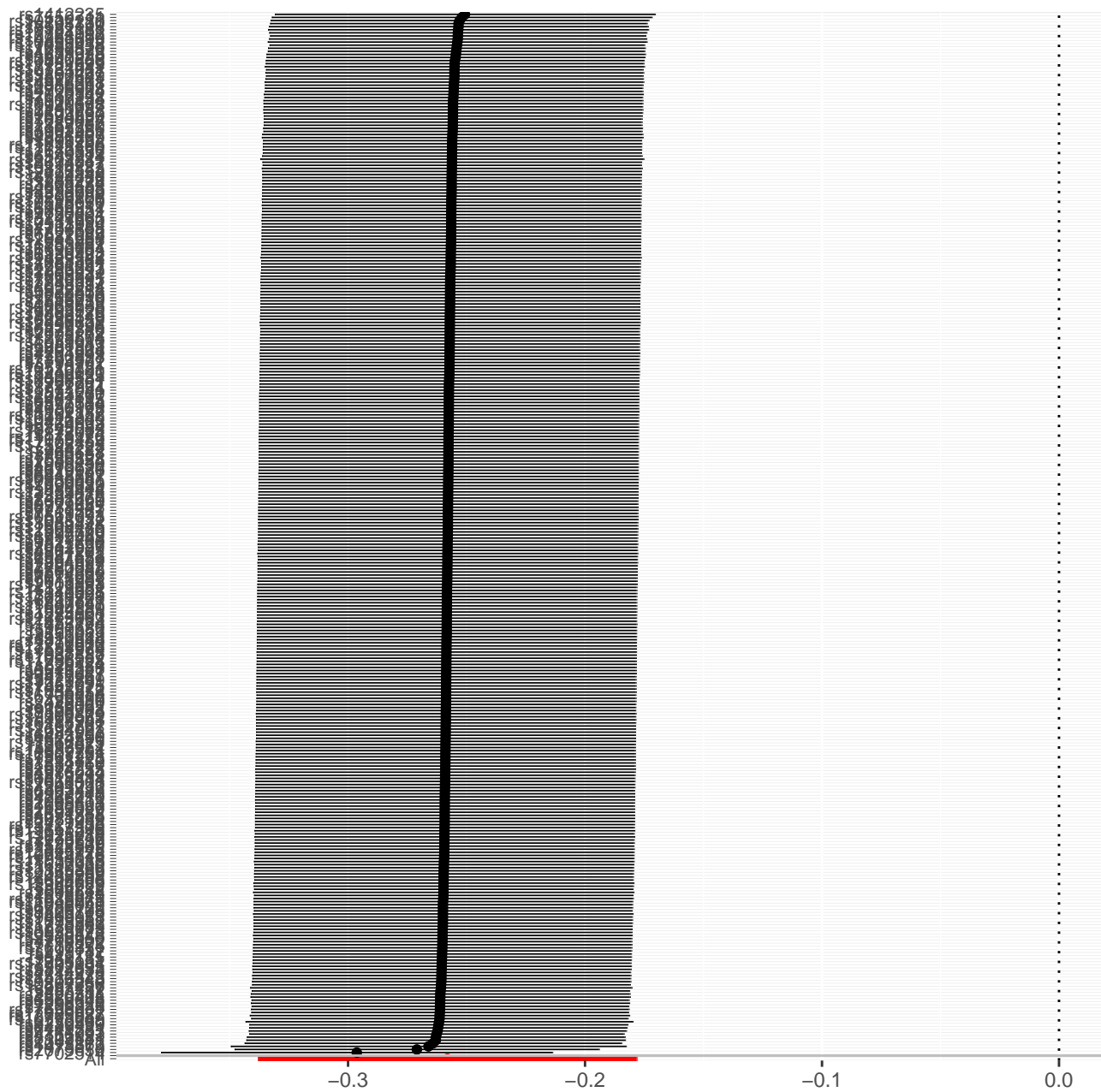
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of IDL particles || id:870'



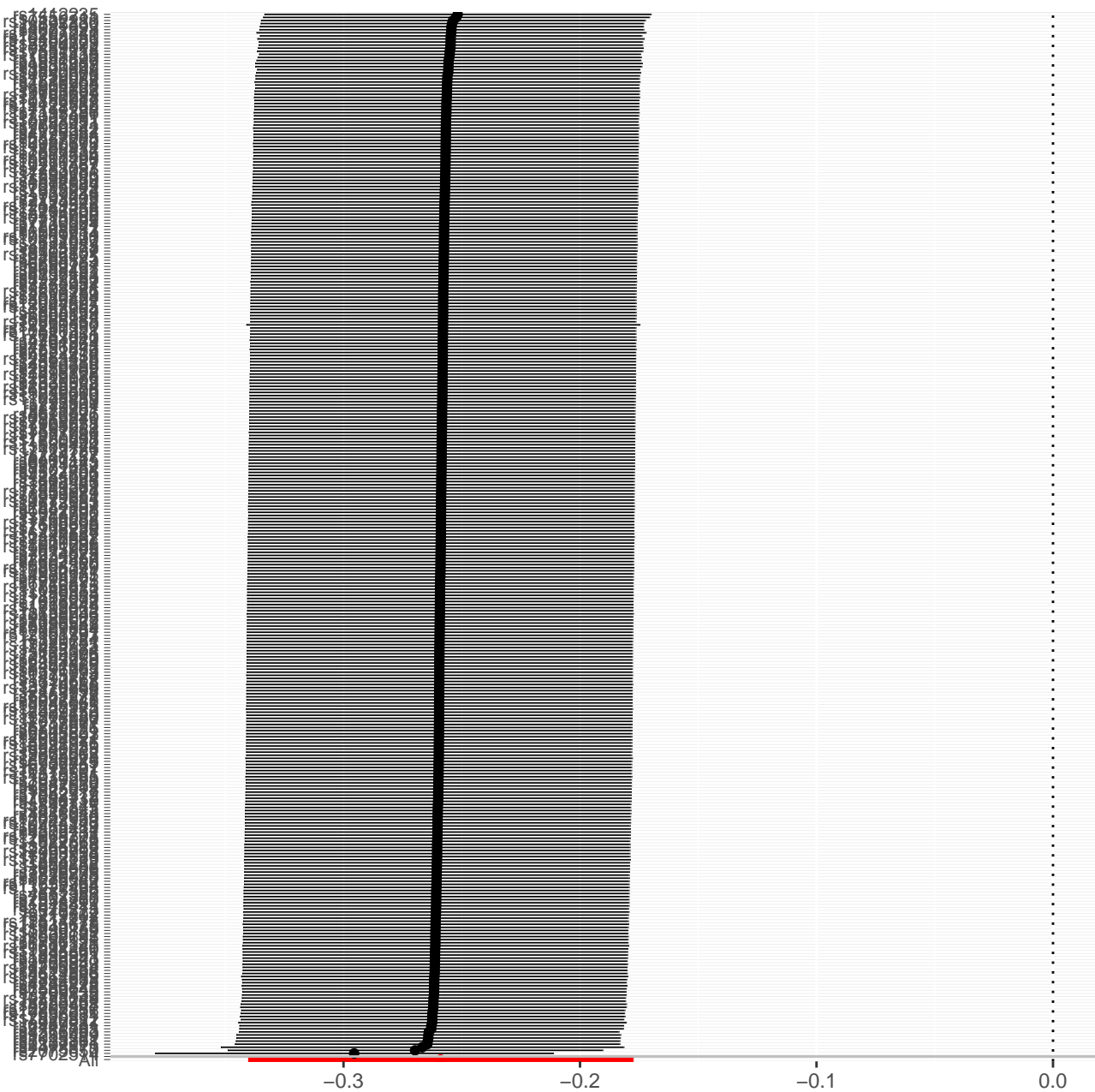
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Phospholipids in IDL || id:871'



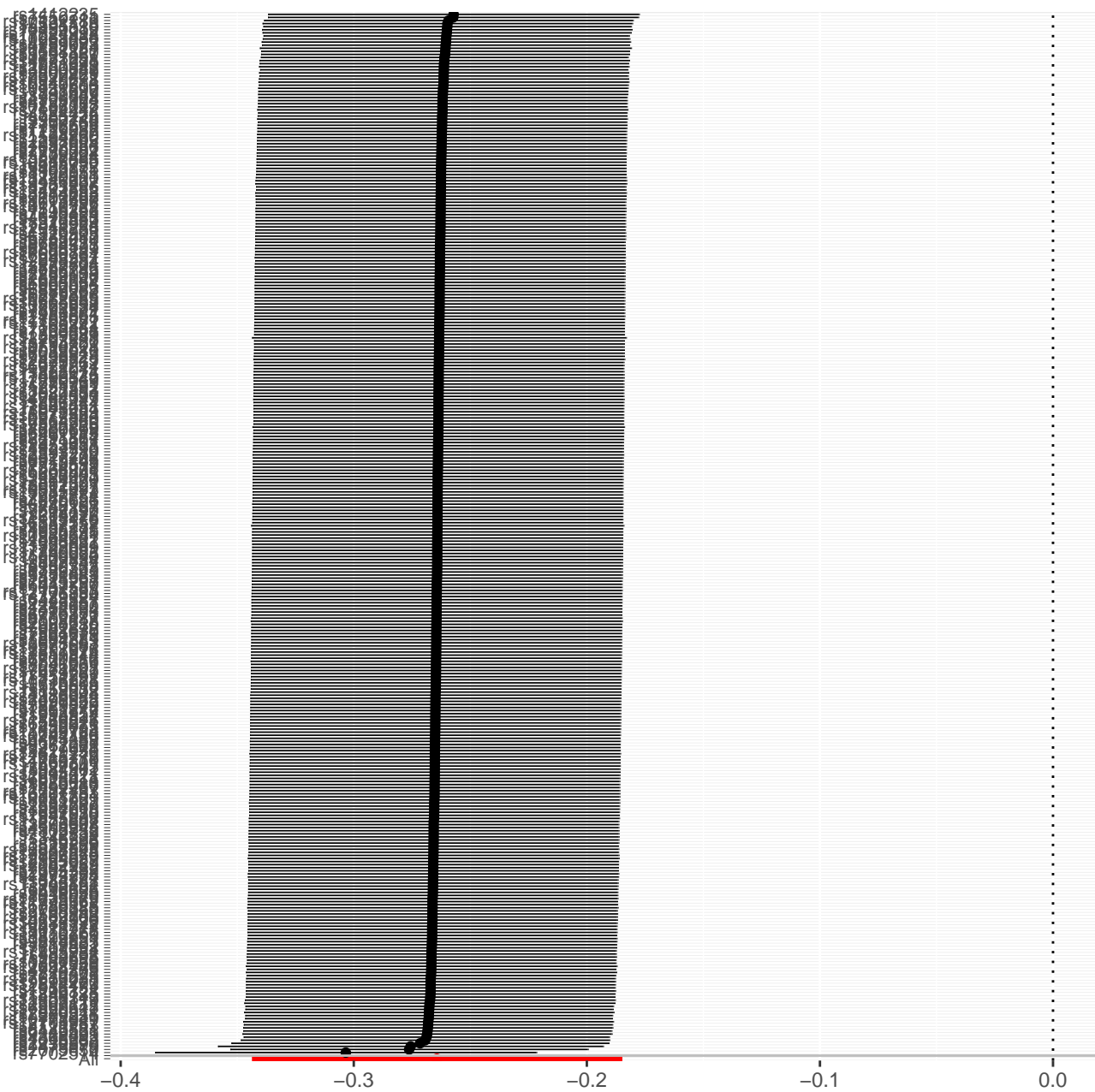




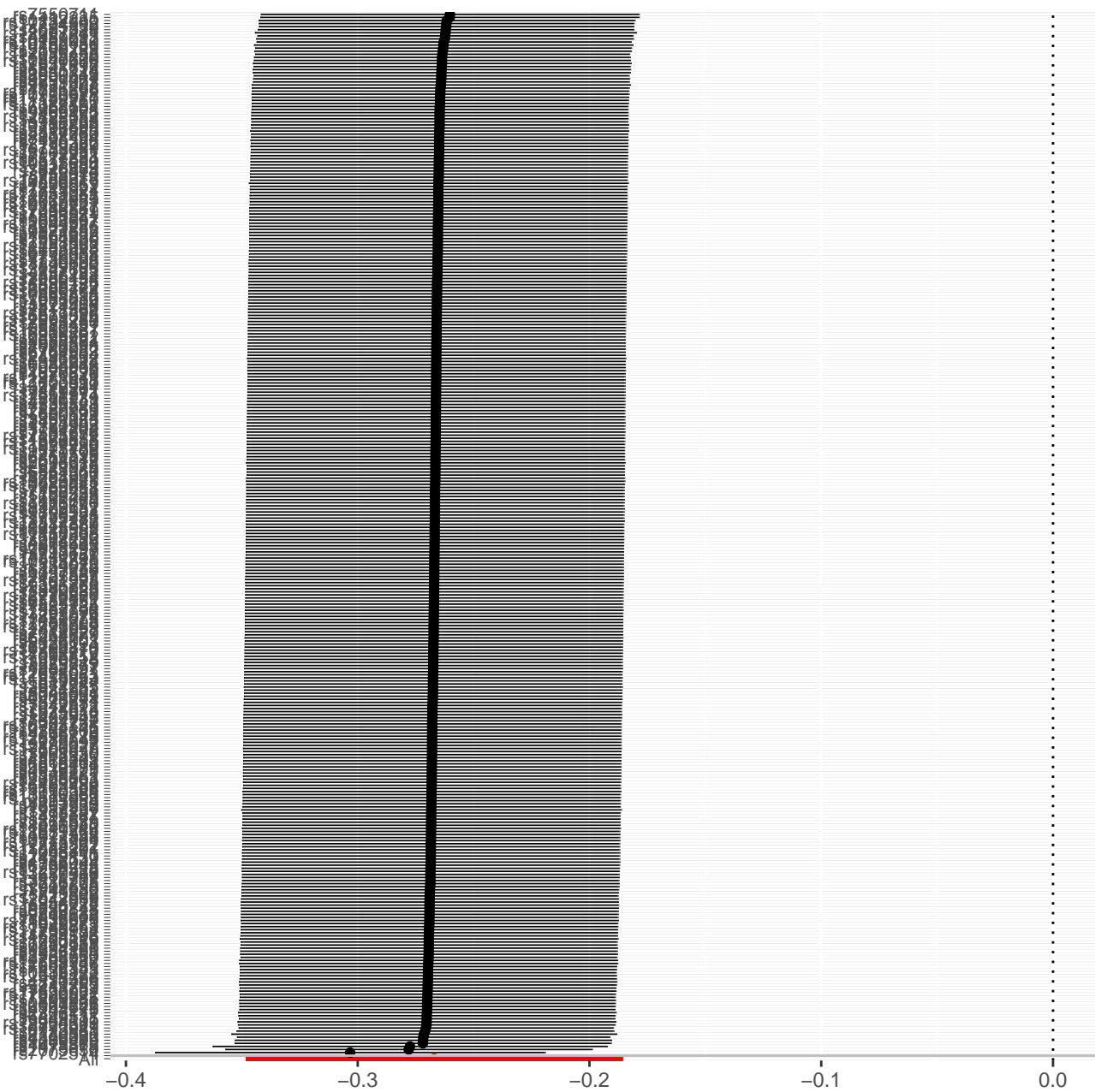
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total cholesterol in large HDL || id:874'



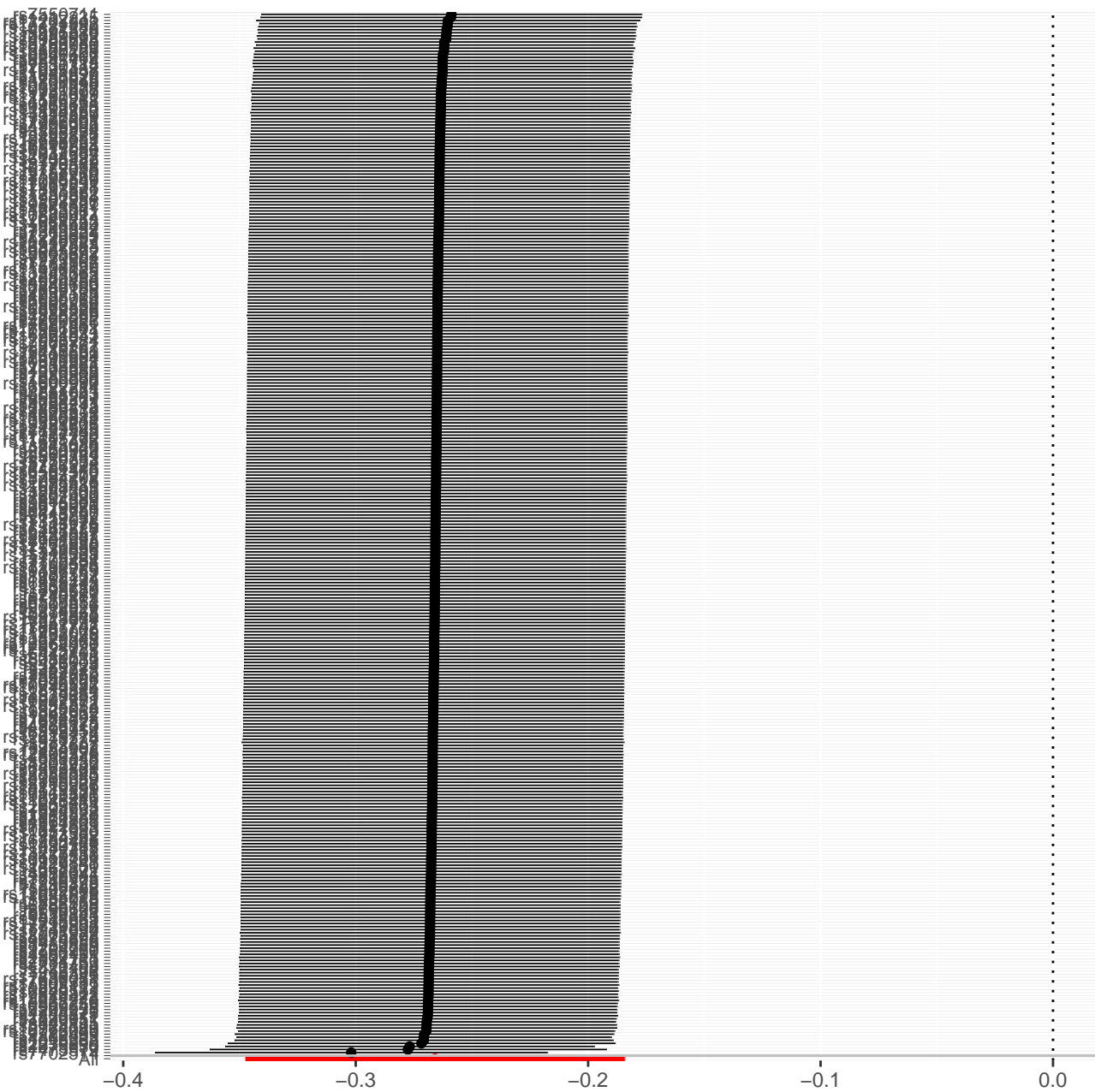
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Cholesterol esters in large HDL' || id:875'

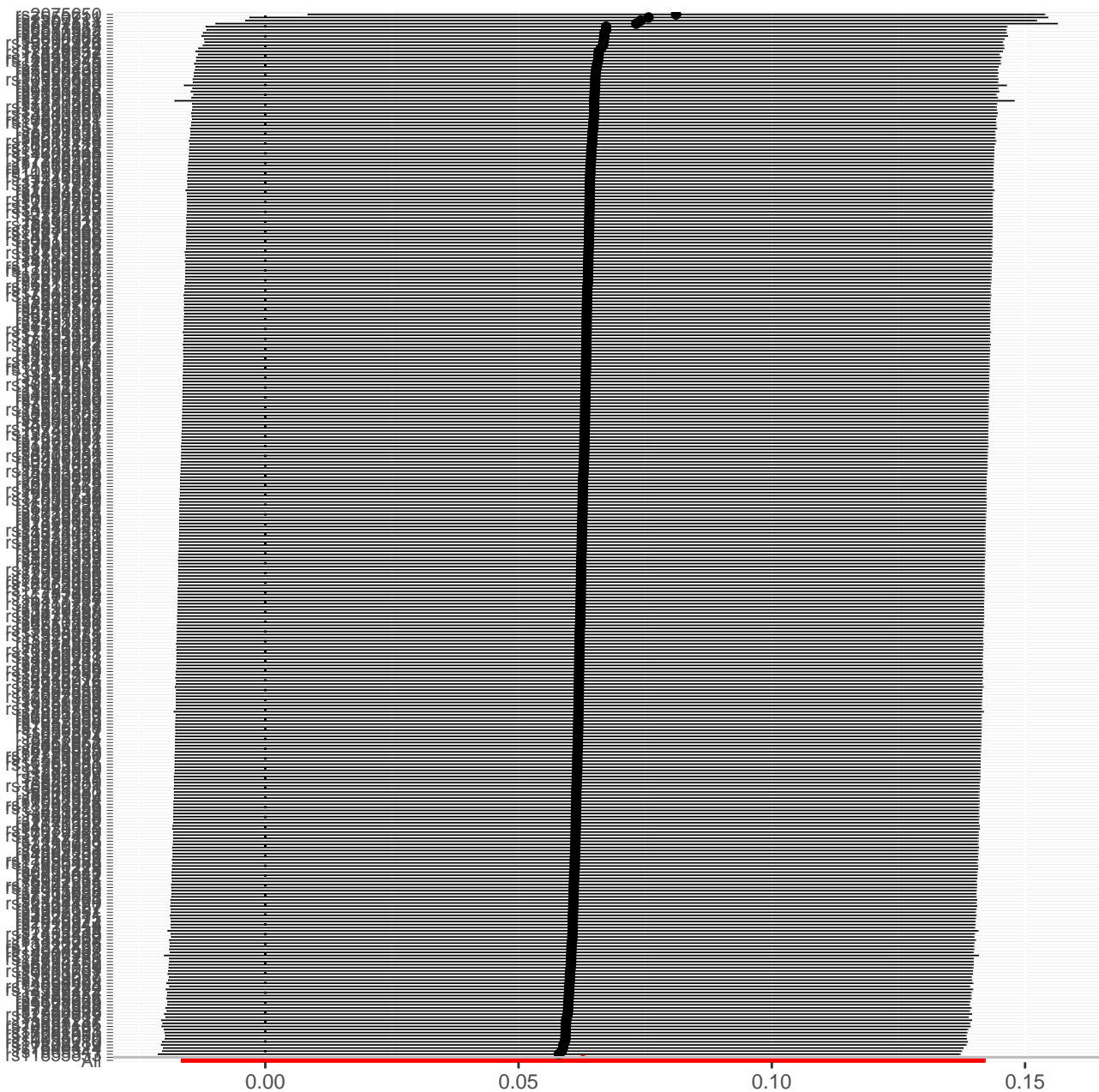


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Free cholesterol in large HDL || id:876'

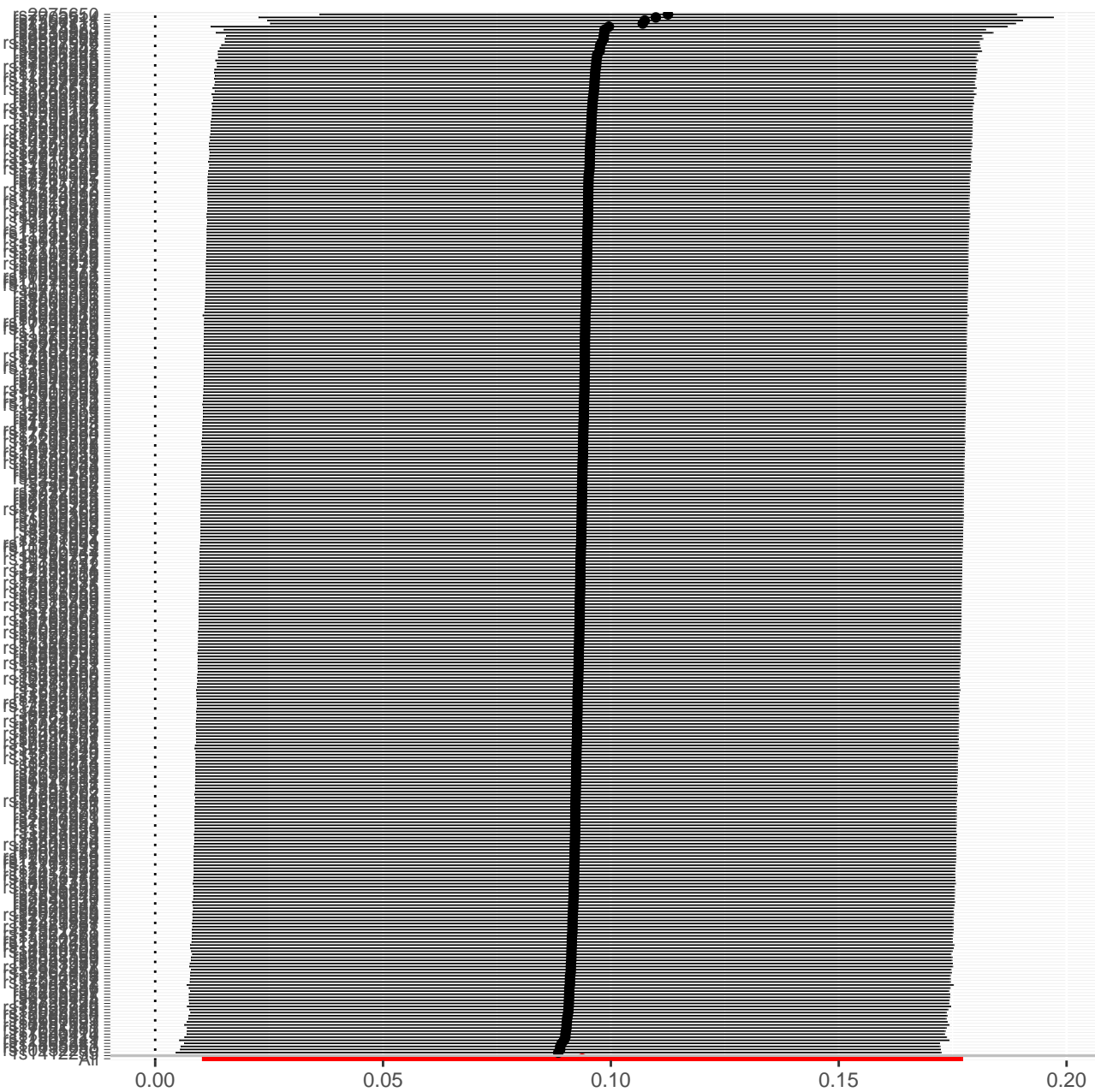


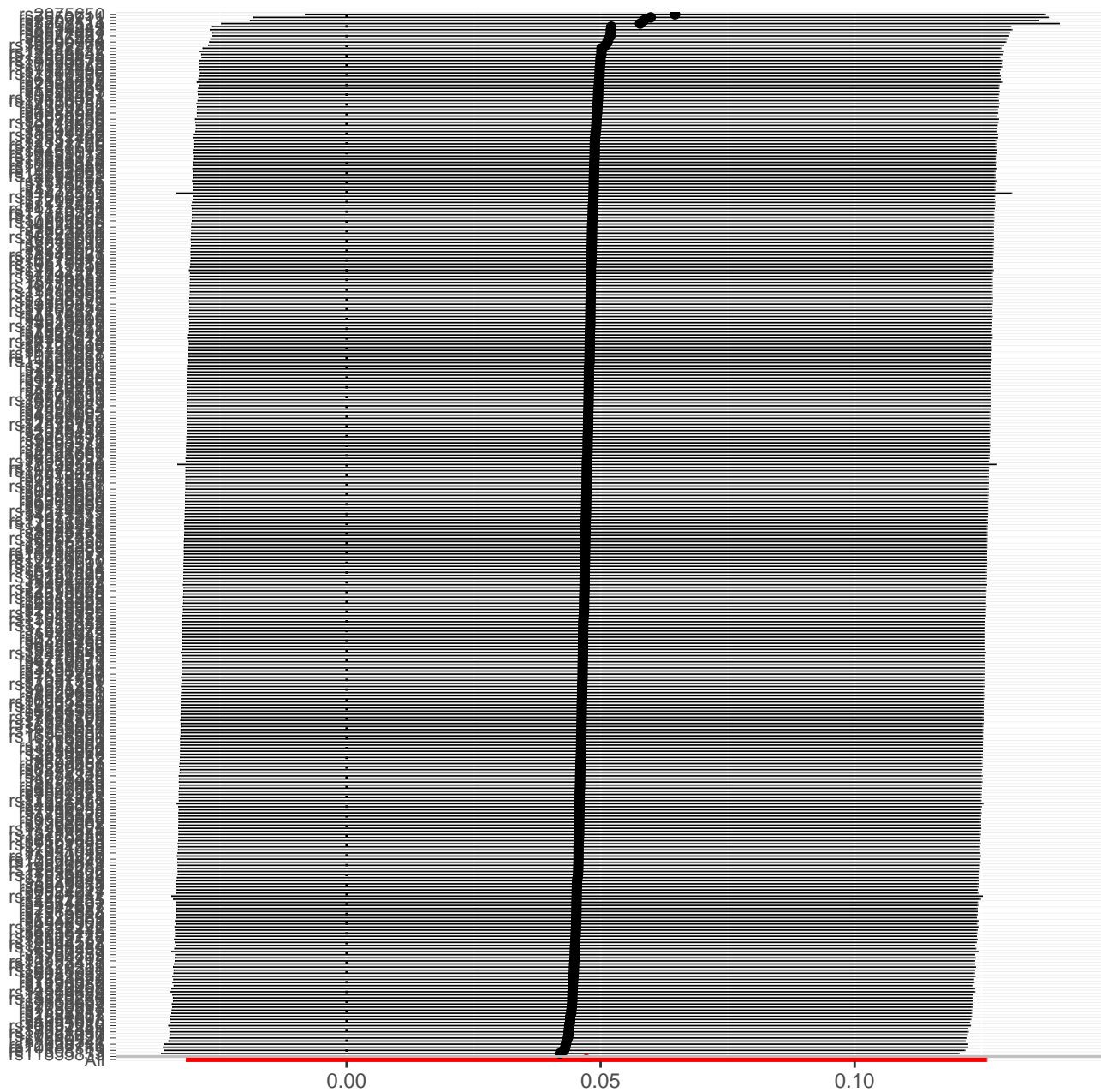
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of large HDL particles || id:878'



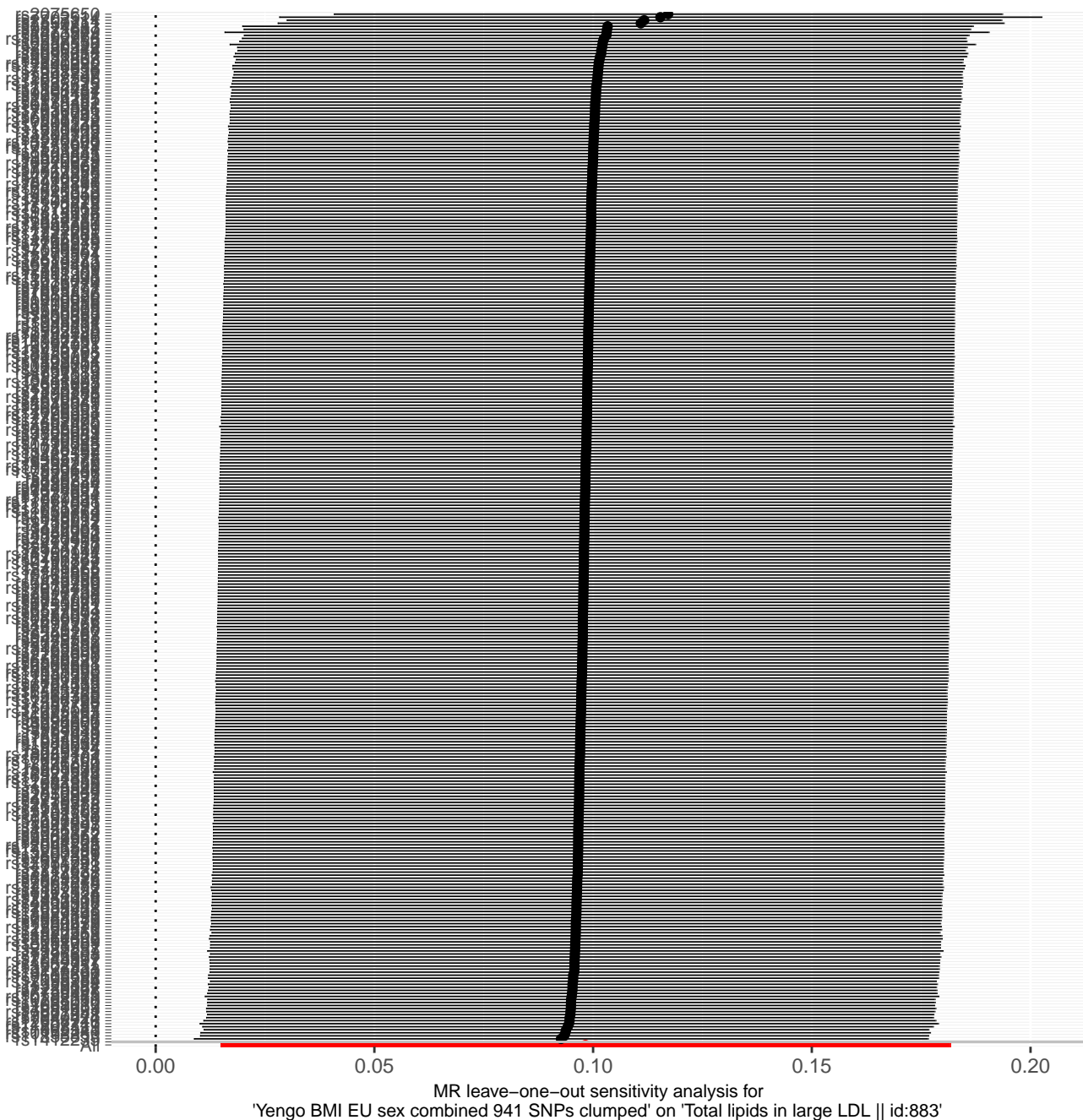


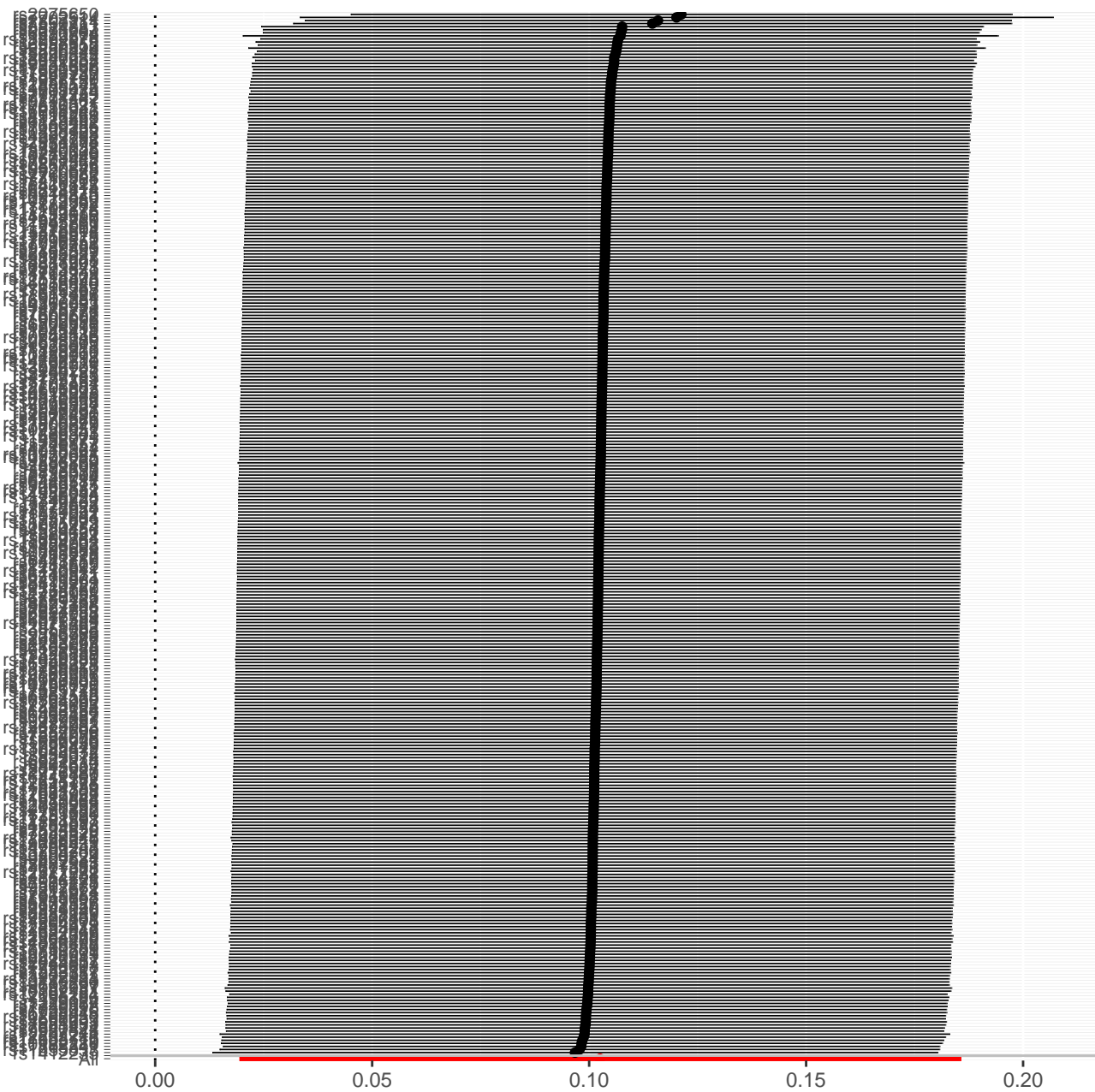
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total cholesterol in large LDL || id:880'



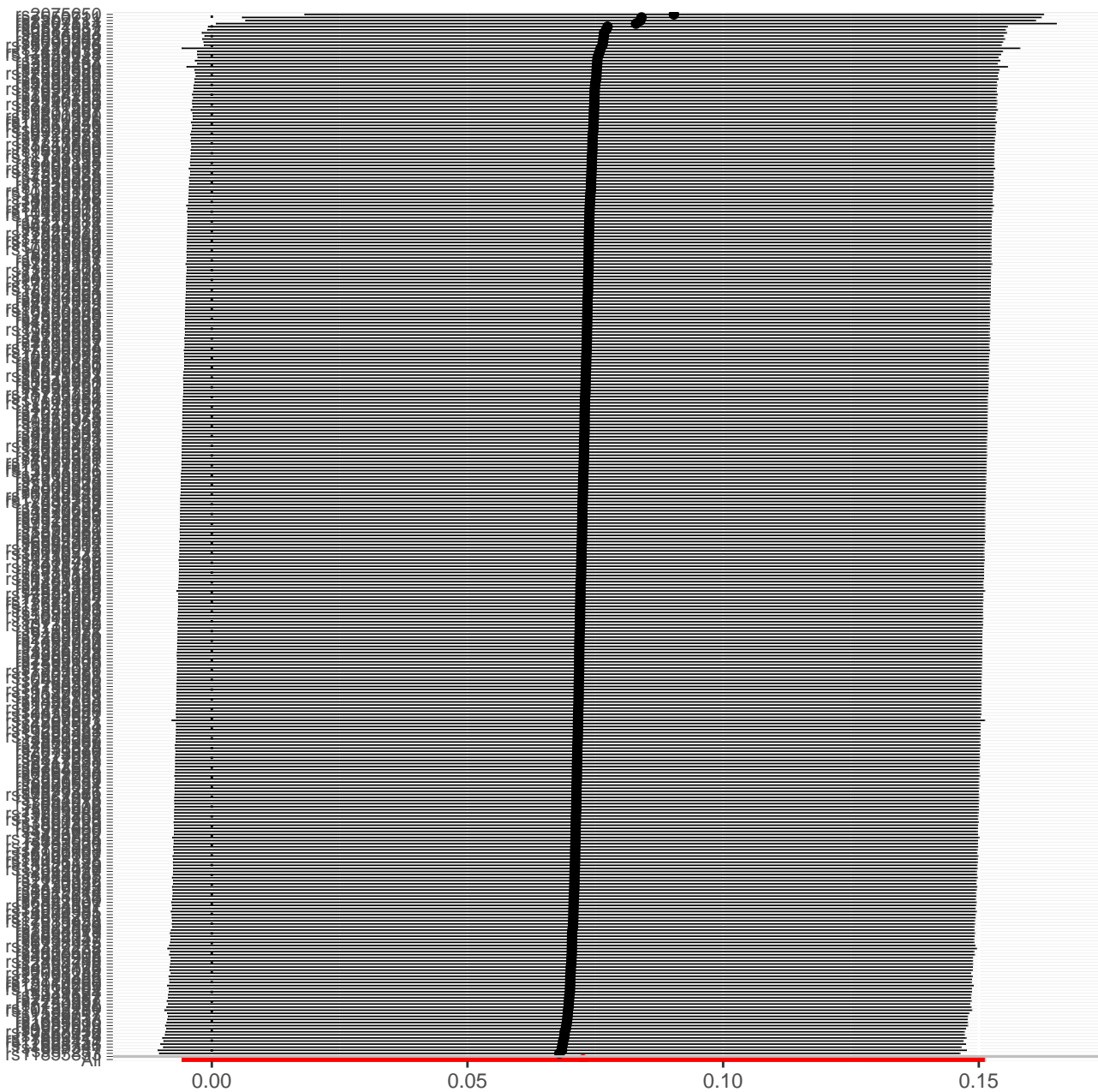


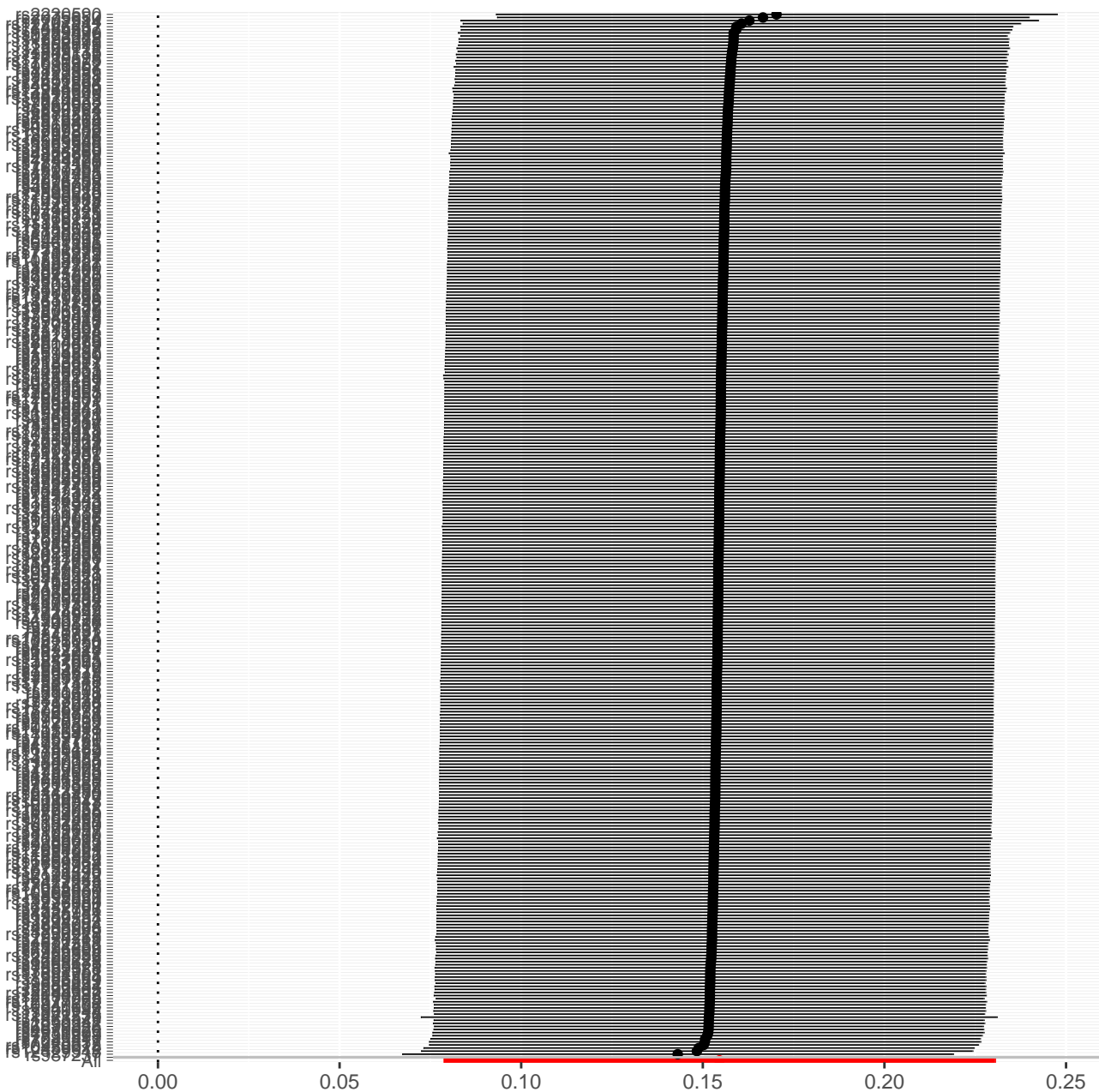
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Free cholesterol in large LDL || id:882'



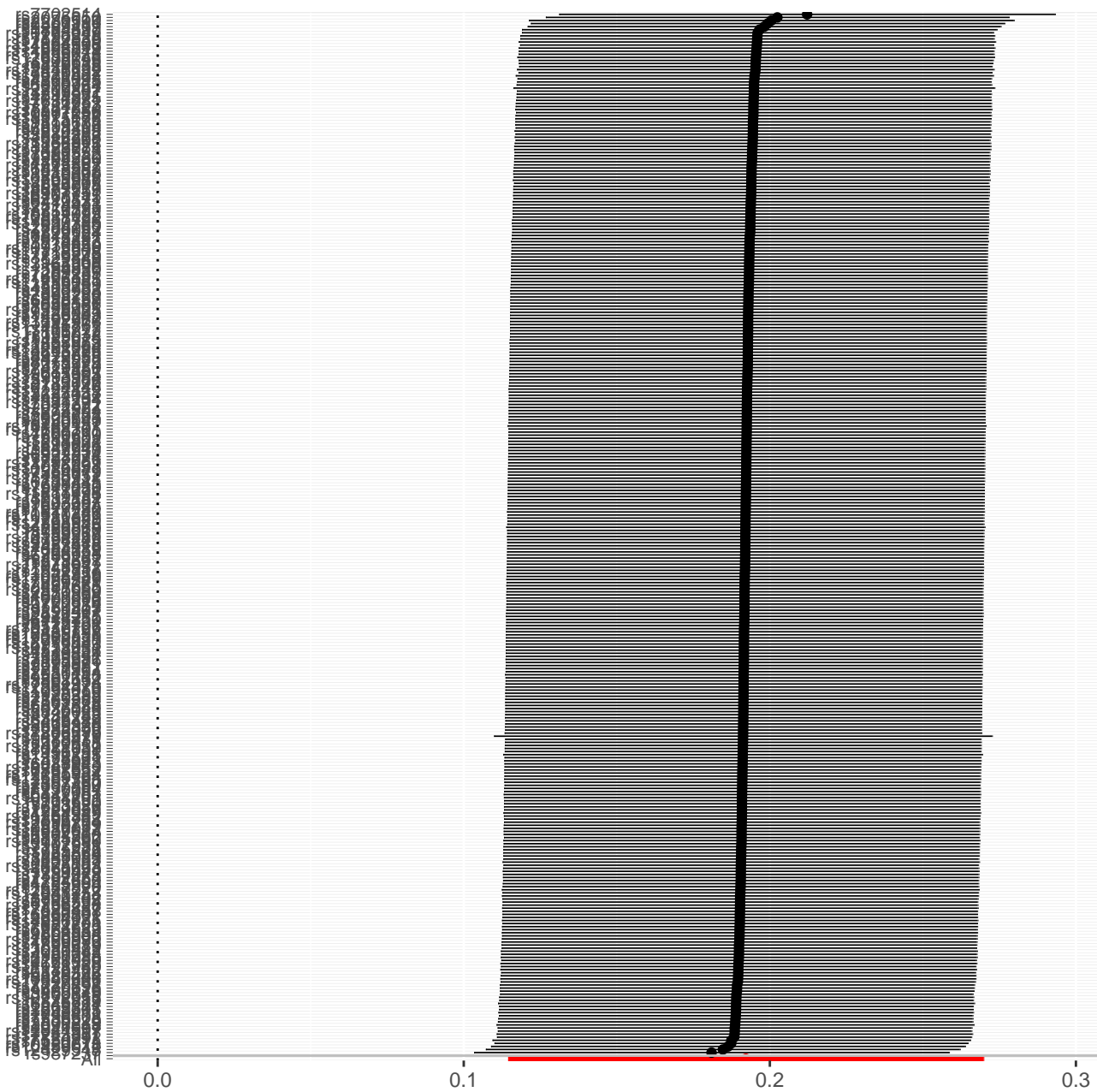


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of large LDL particles || id:884'

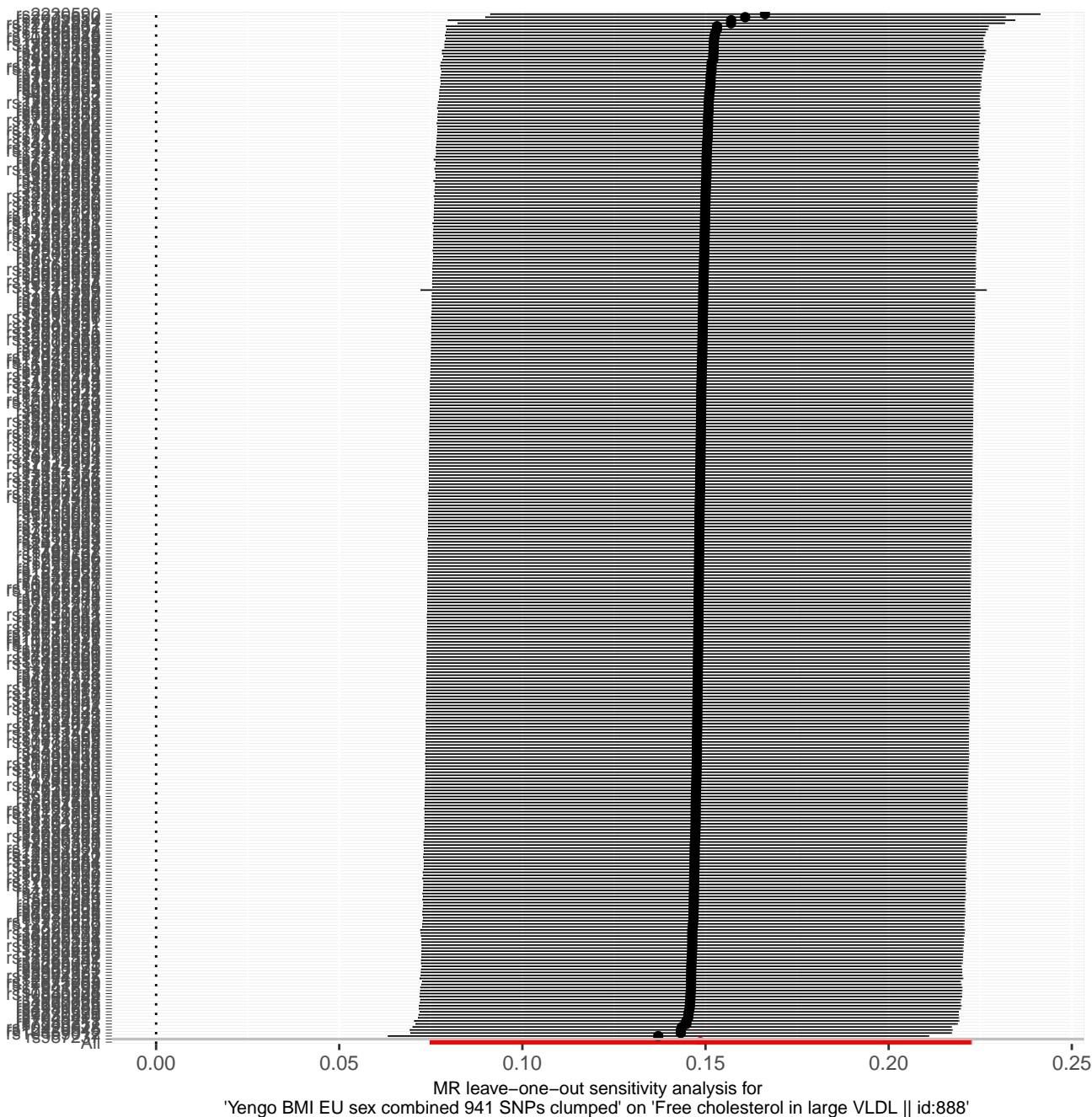


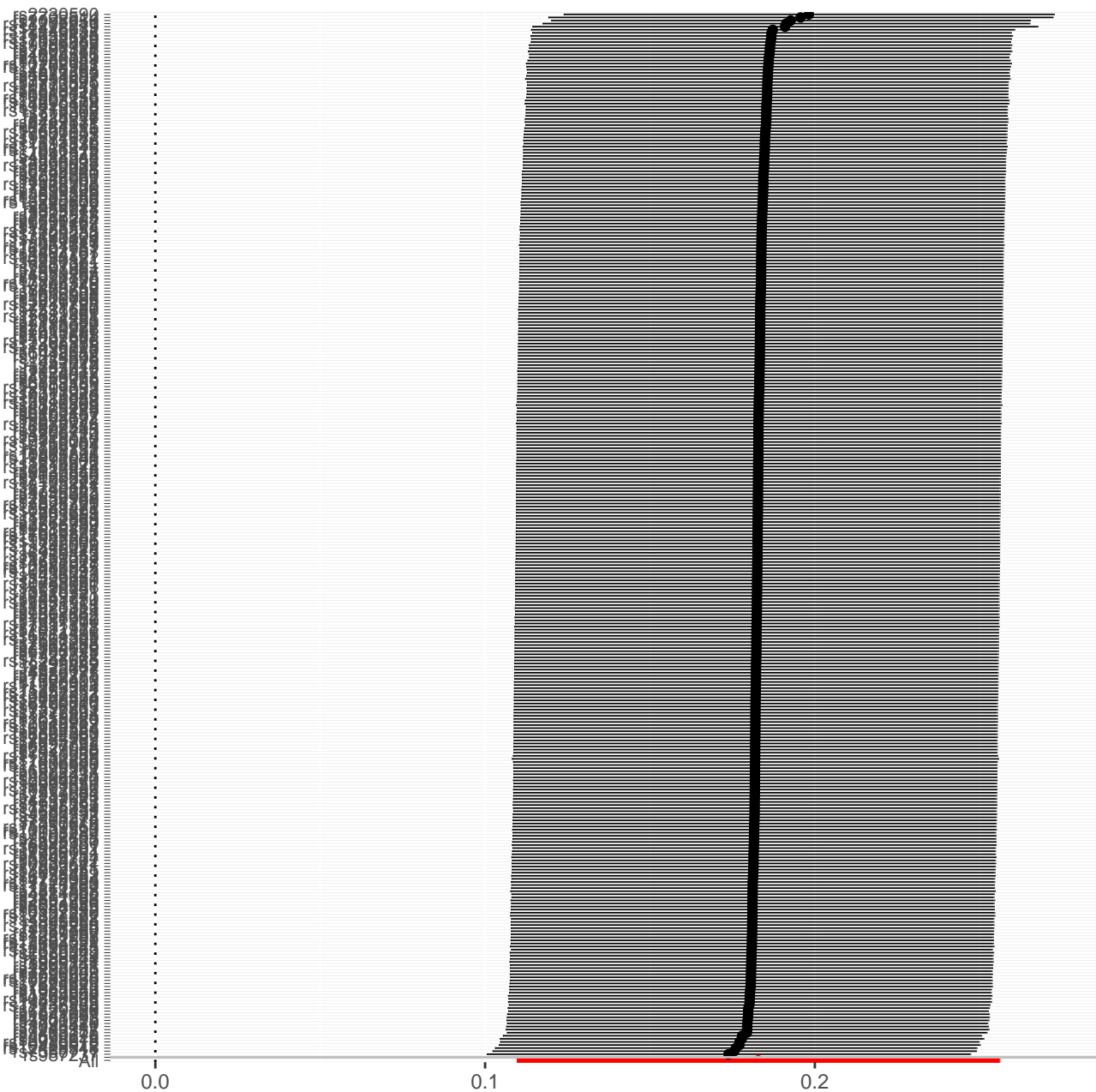


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total cholesterol in large VLDL || id:886'

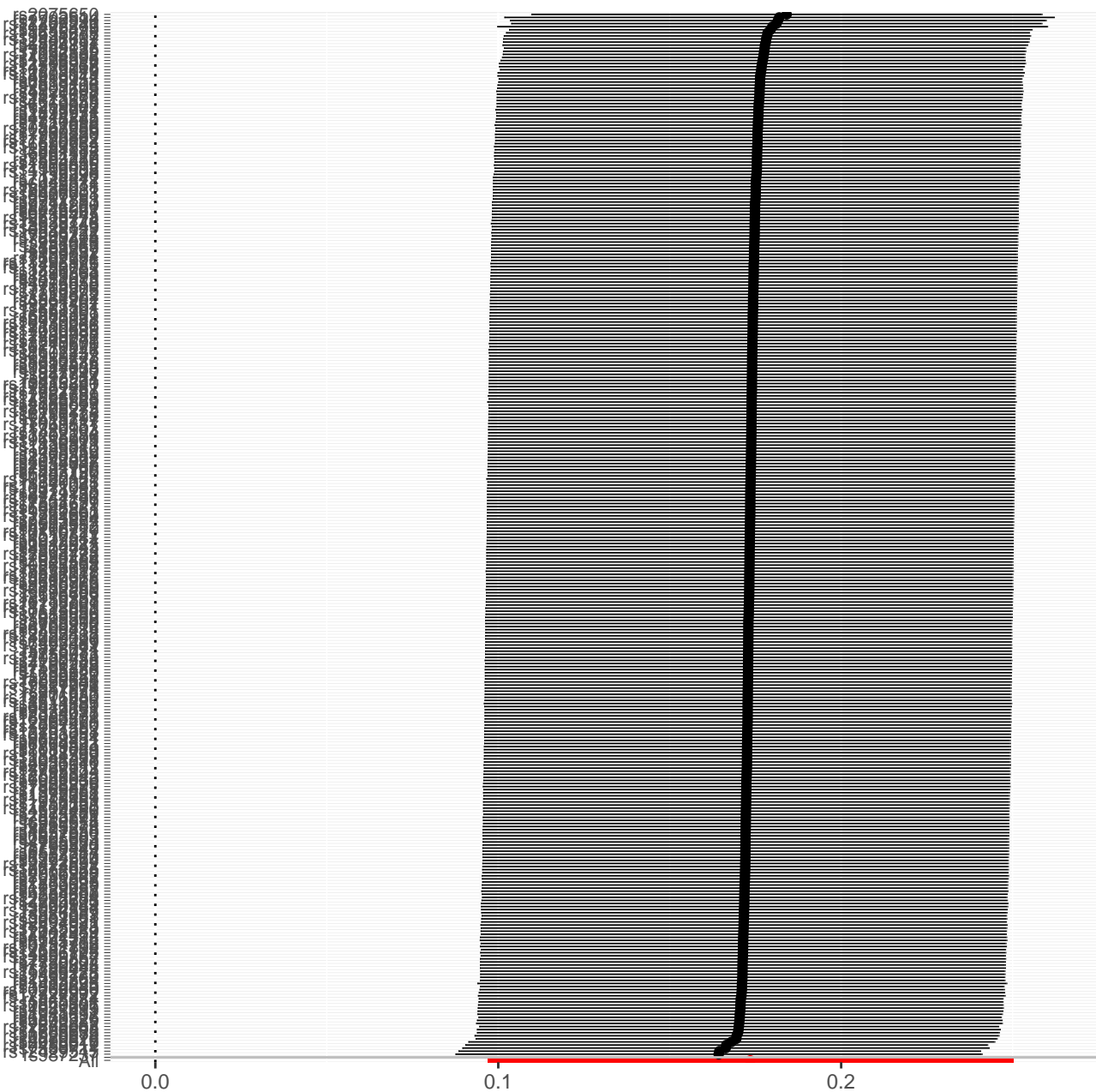


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Cholesterol esters in large VLDL || id:887'





MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total lipids in large VLDL || id:889'

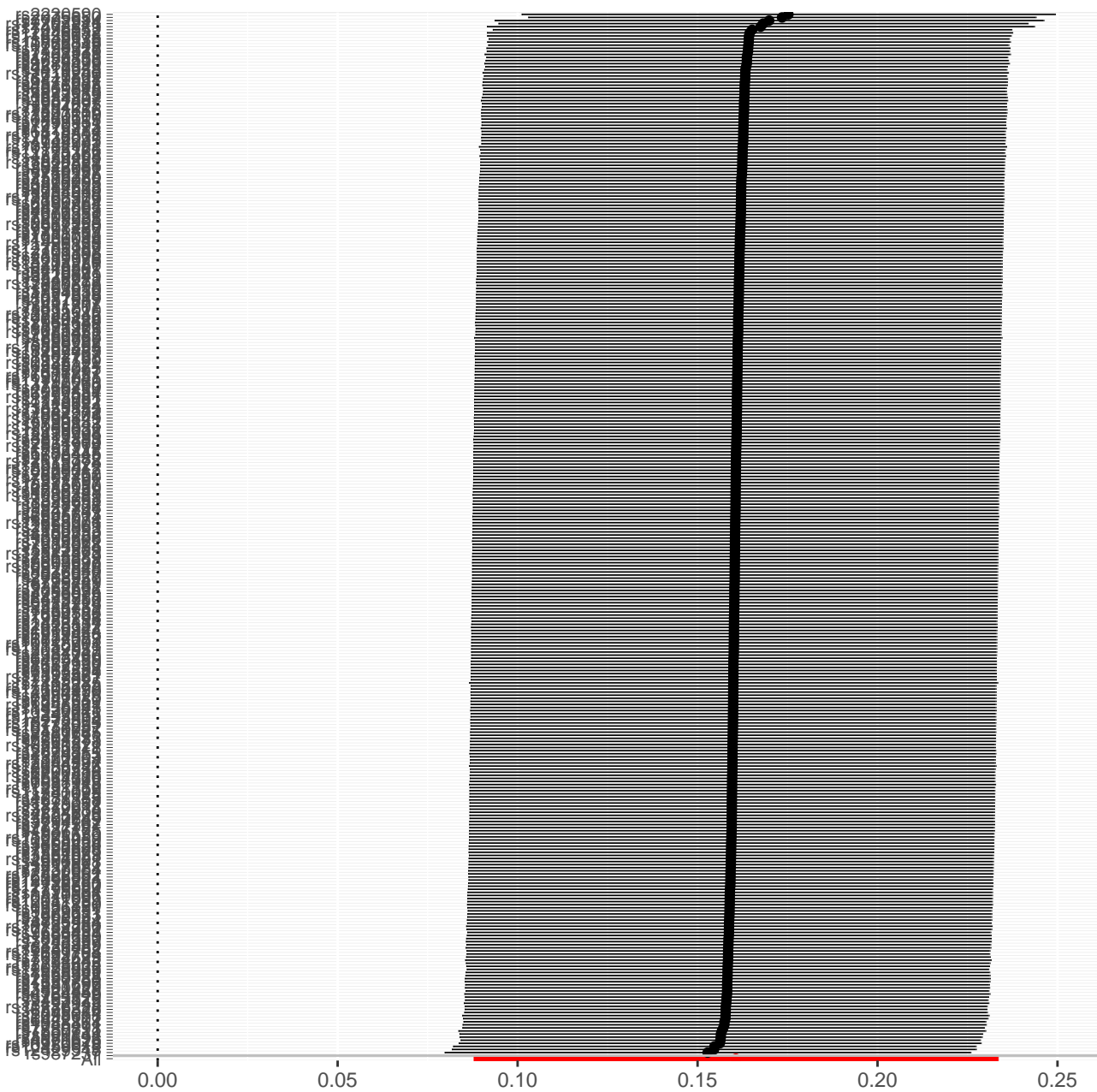


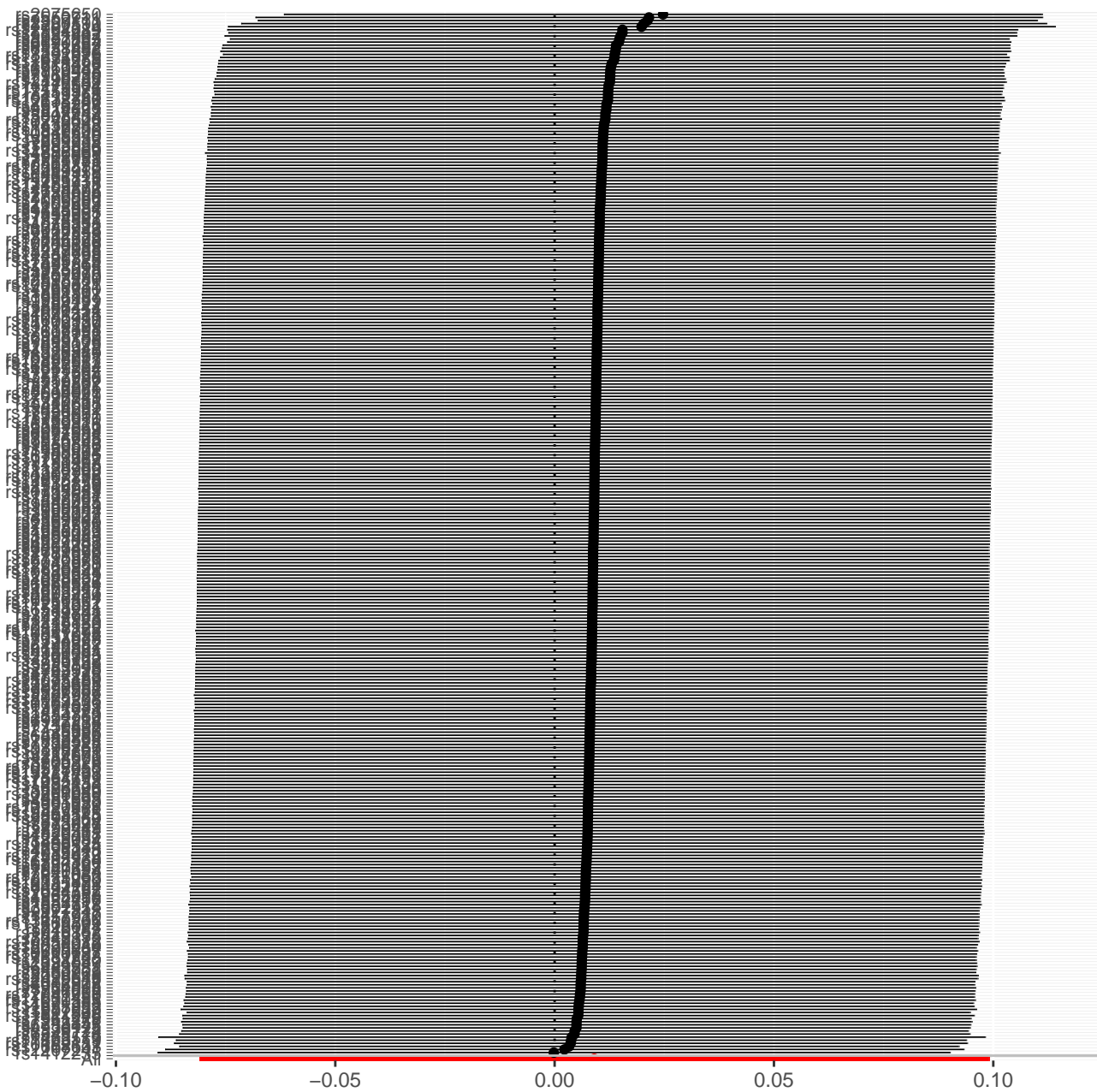
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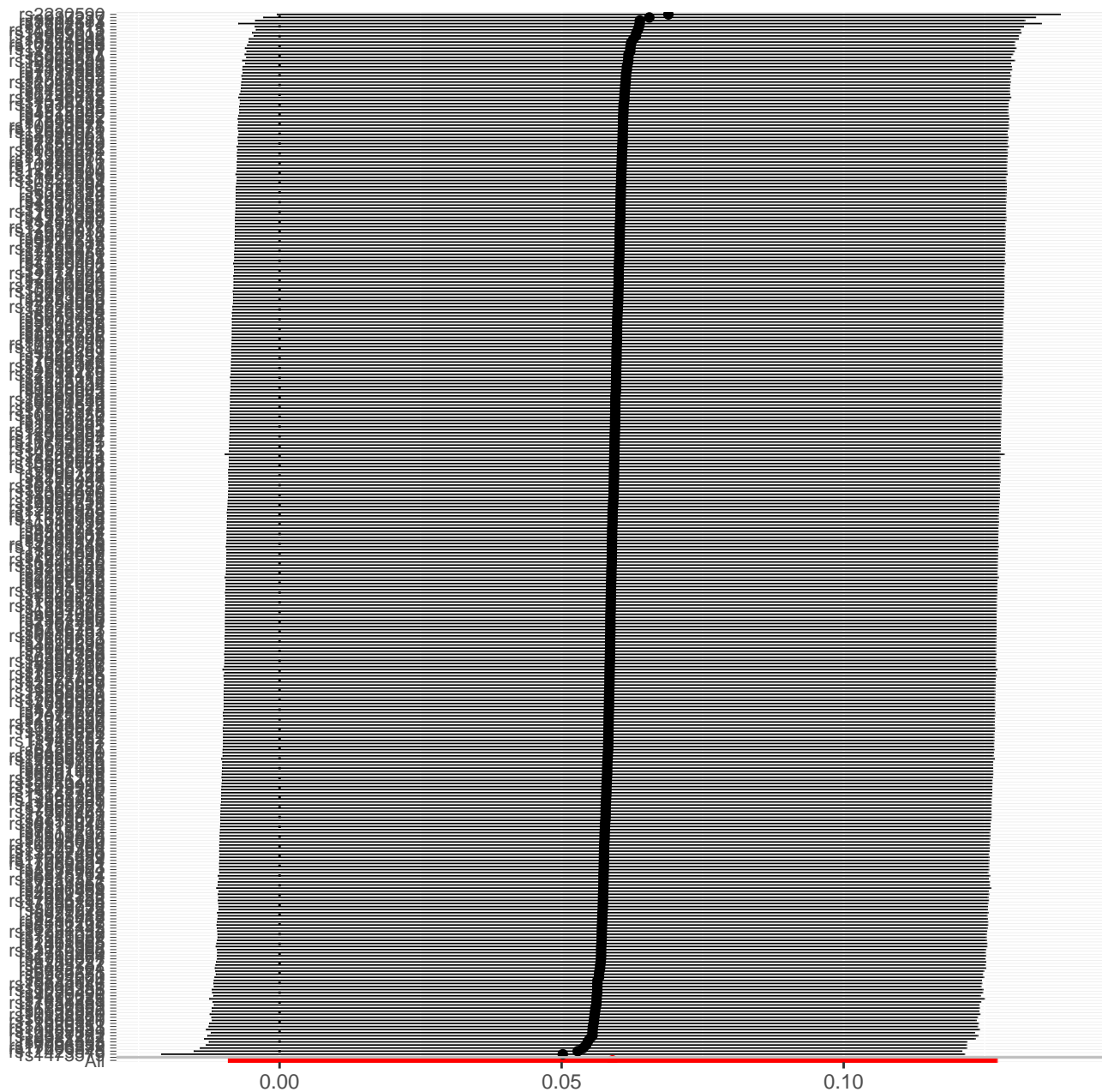
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0.2

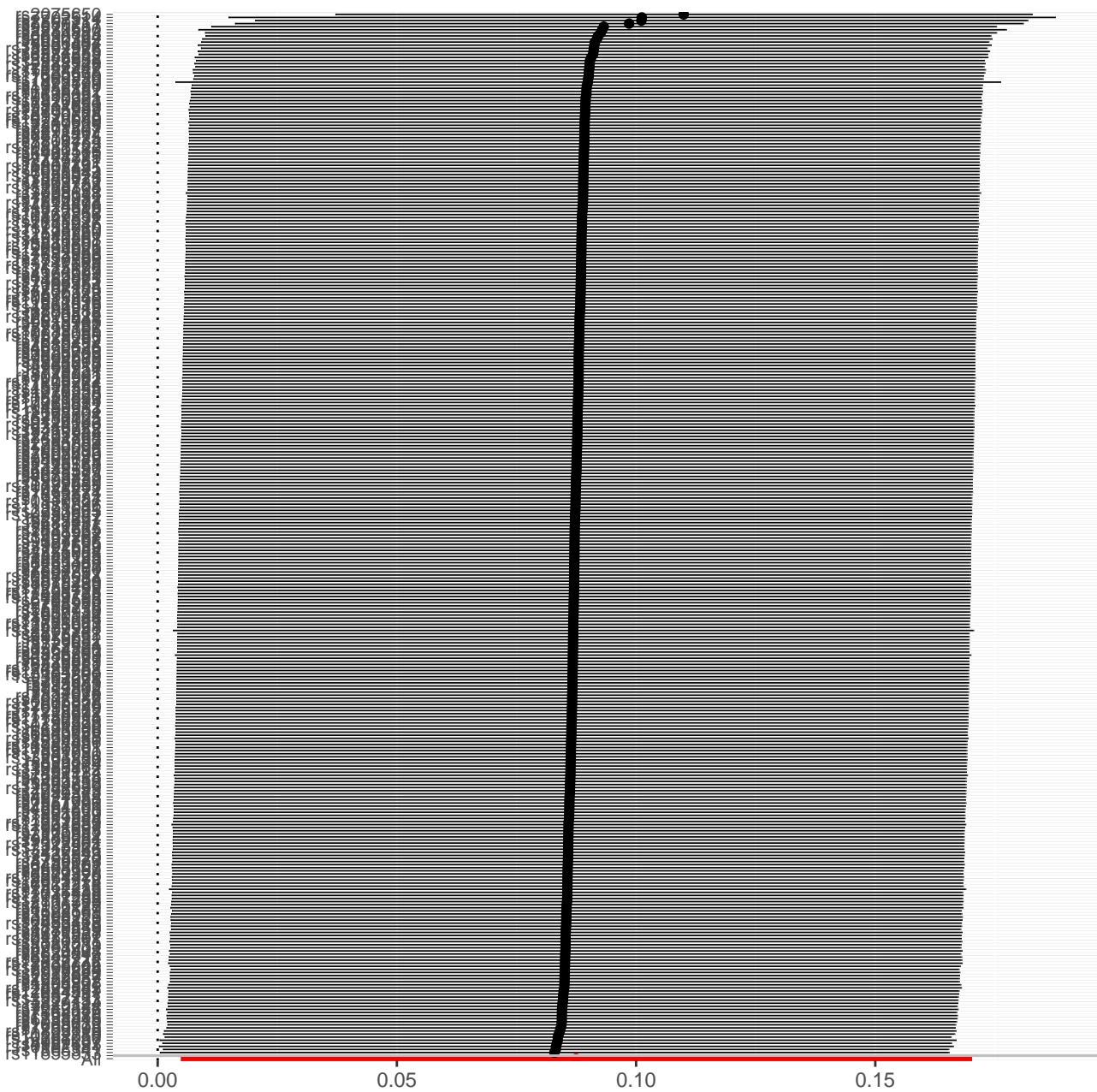
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of large VLDL particles || id:890'

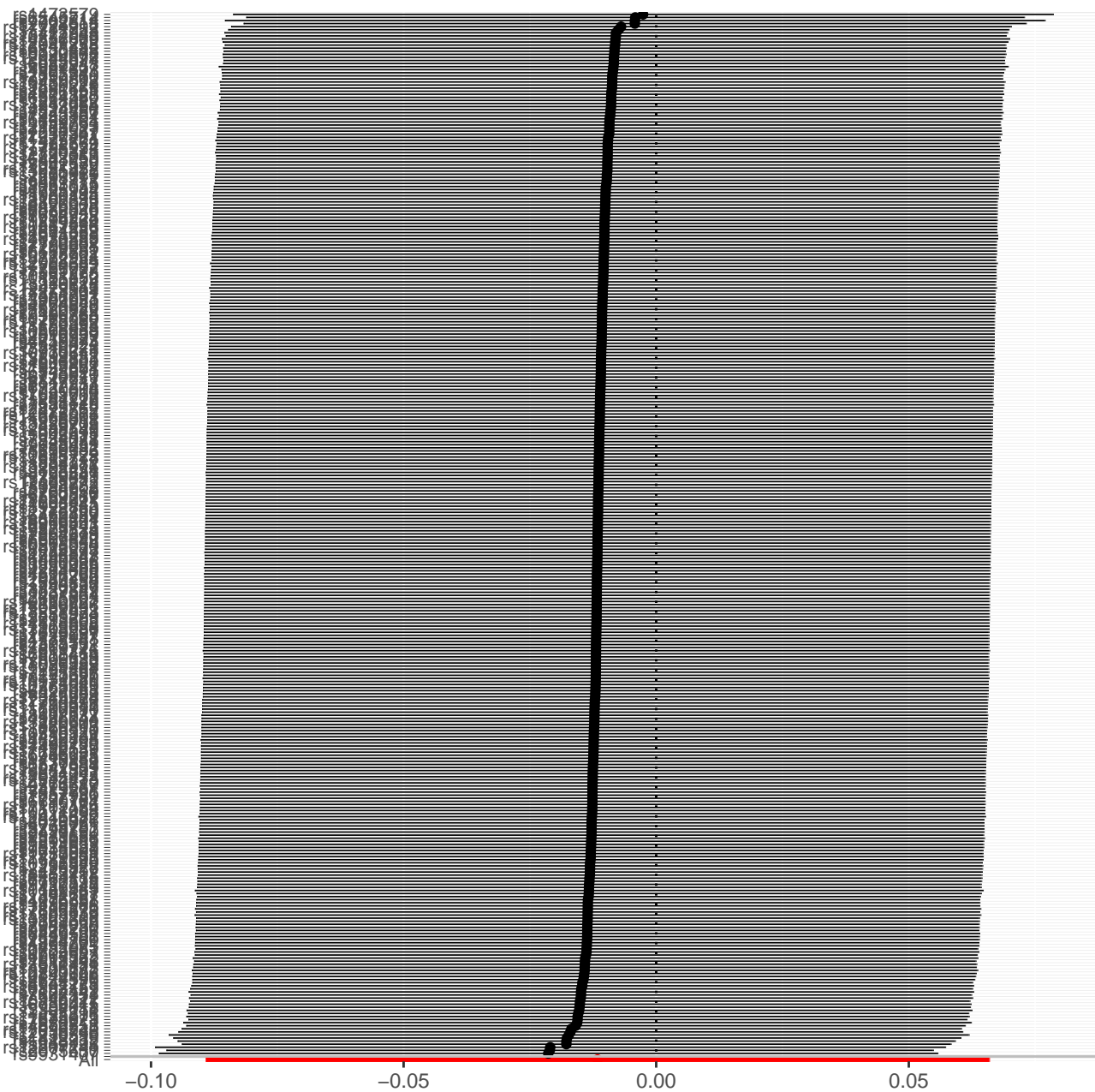




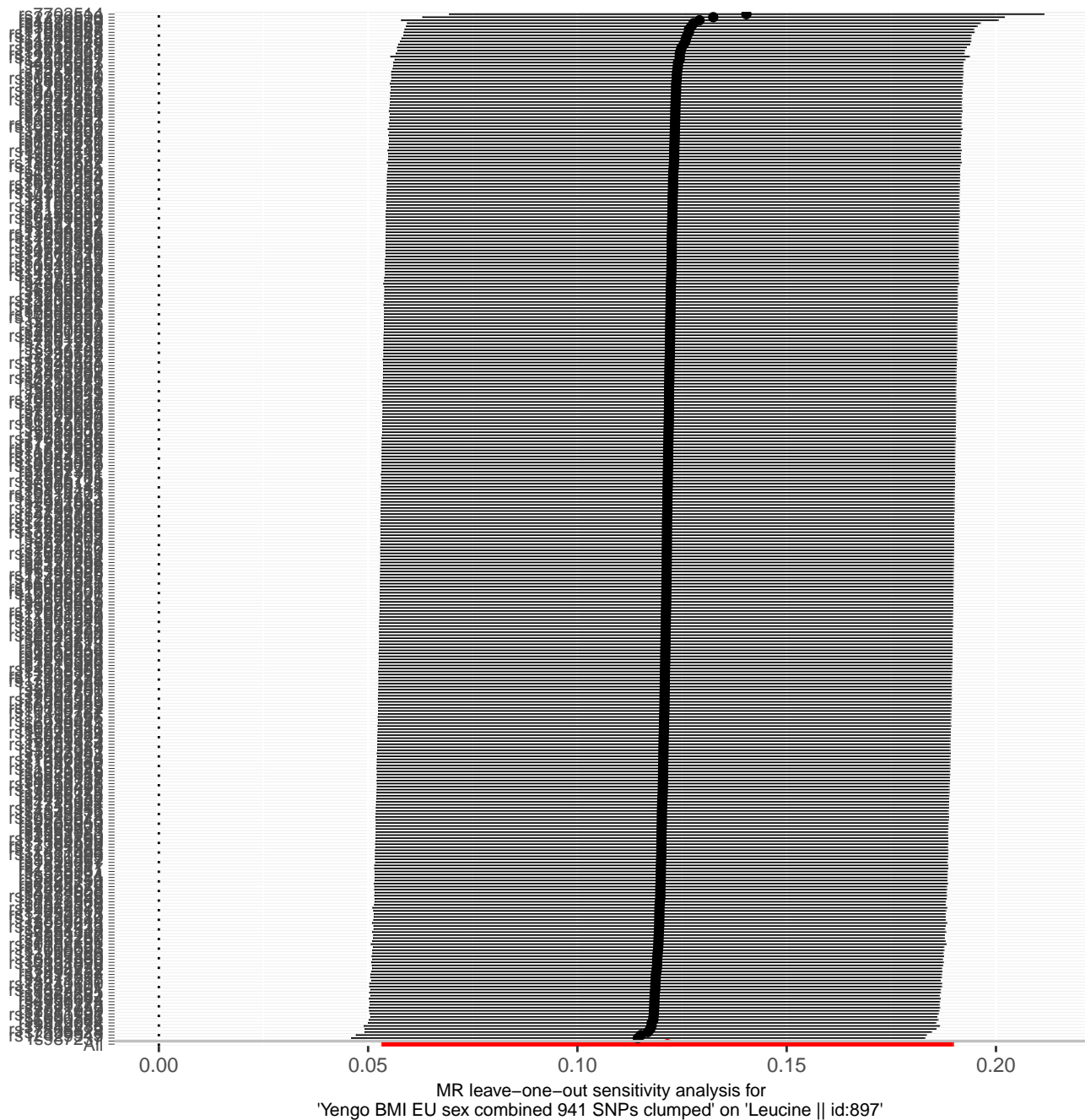


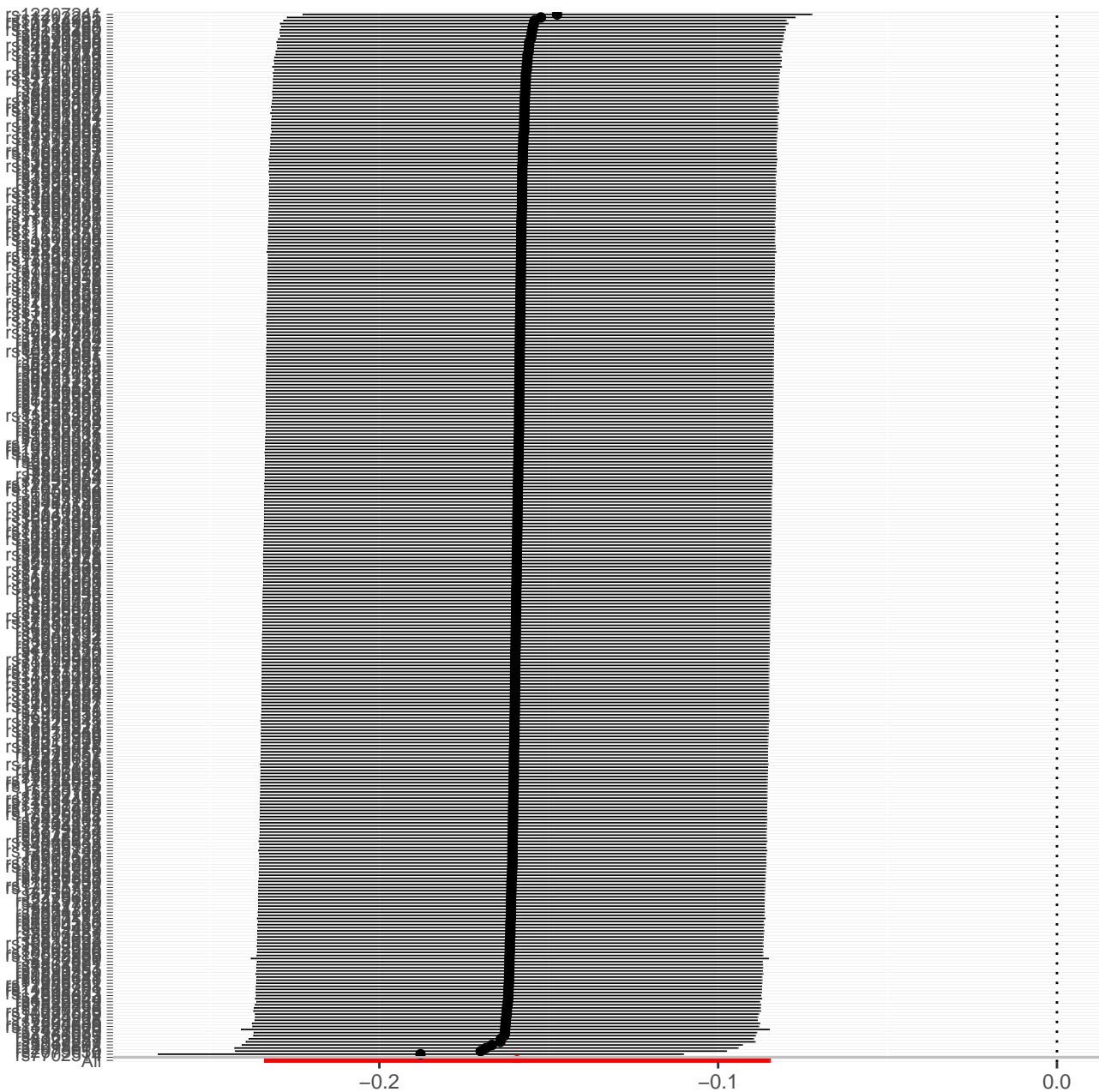
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Lactate || id:894'



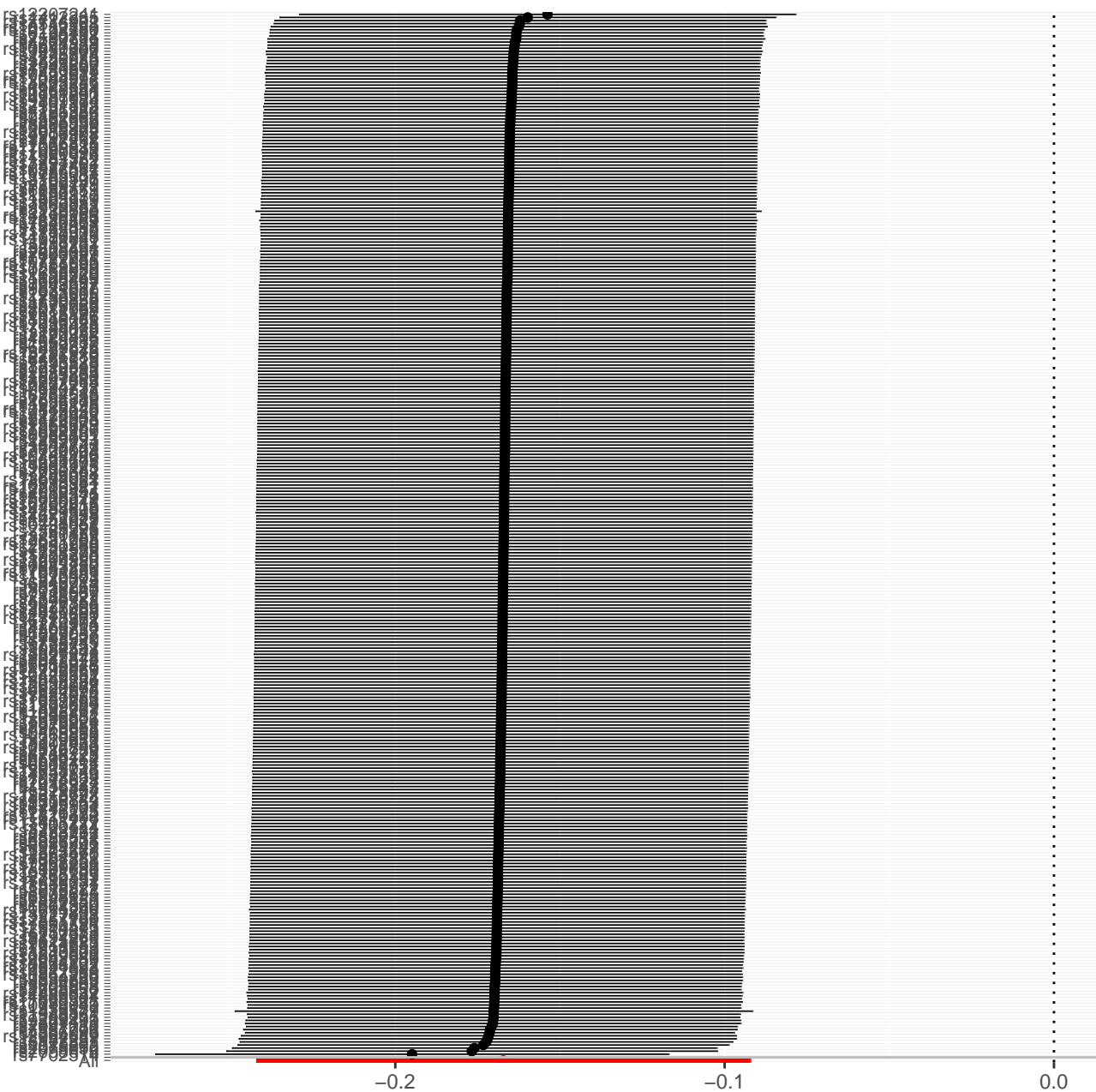


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Mean diameter for LDL particles || id:896'

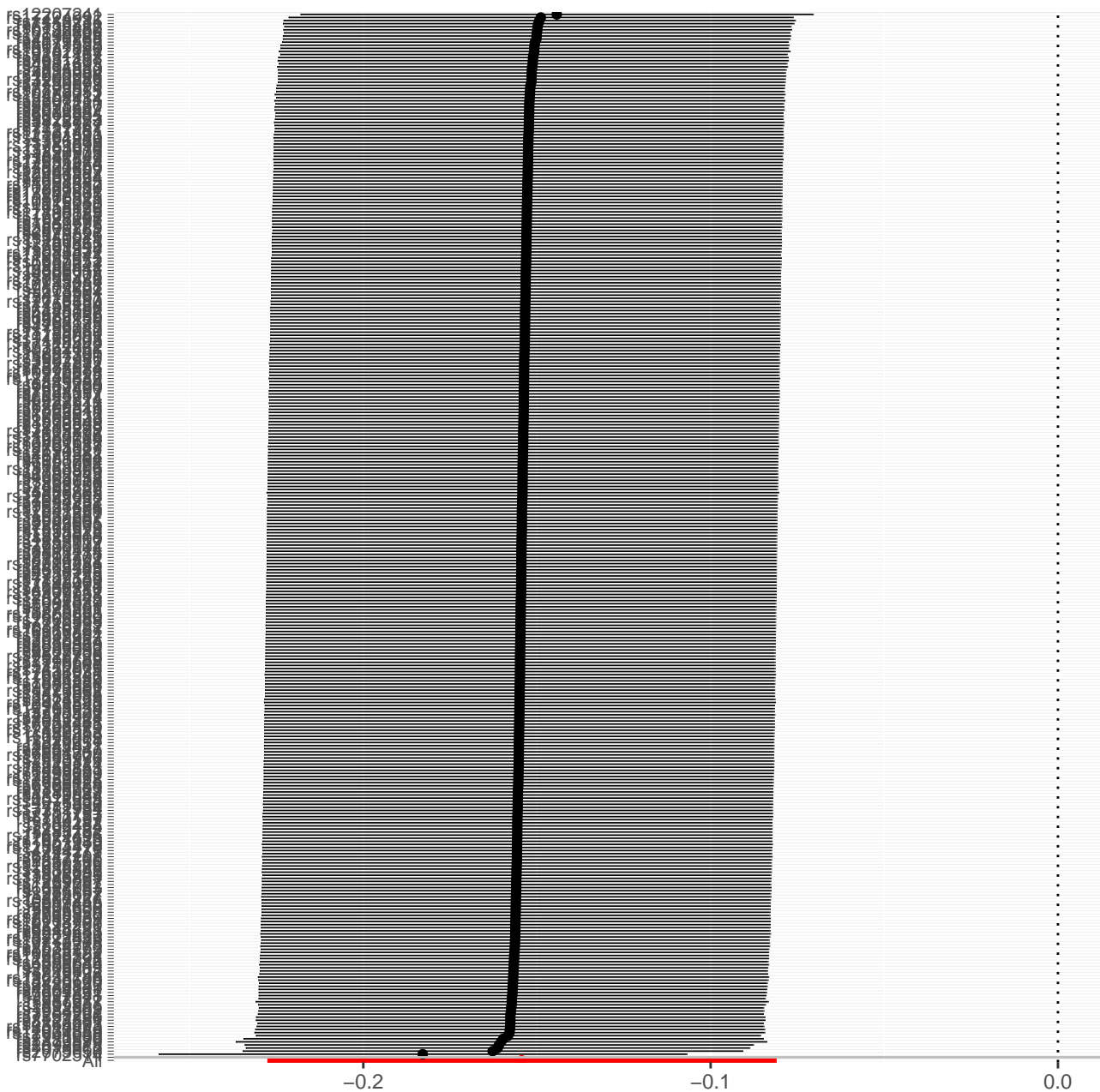




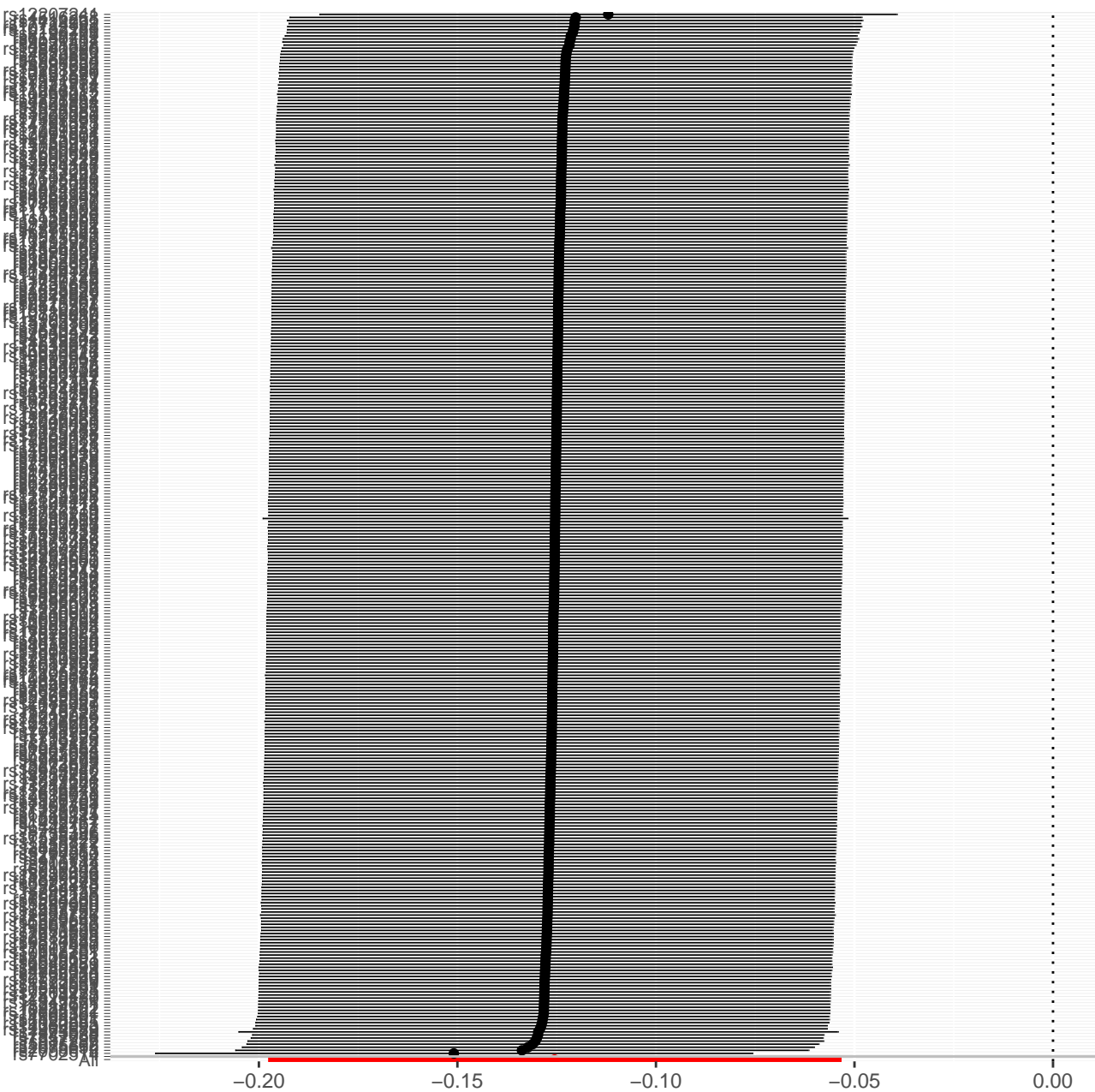
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total cholesterol in medium HDL || id:898'

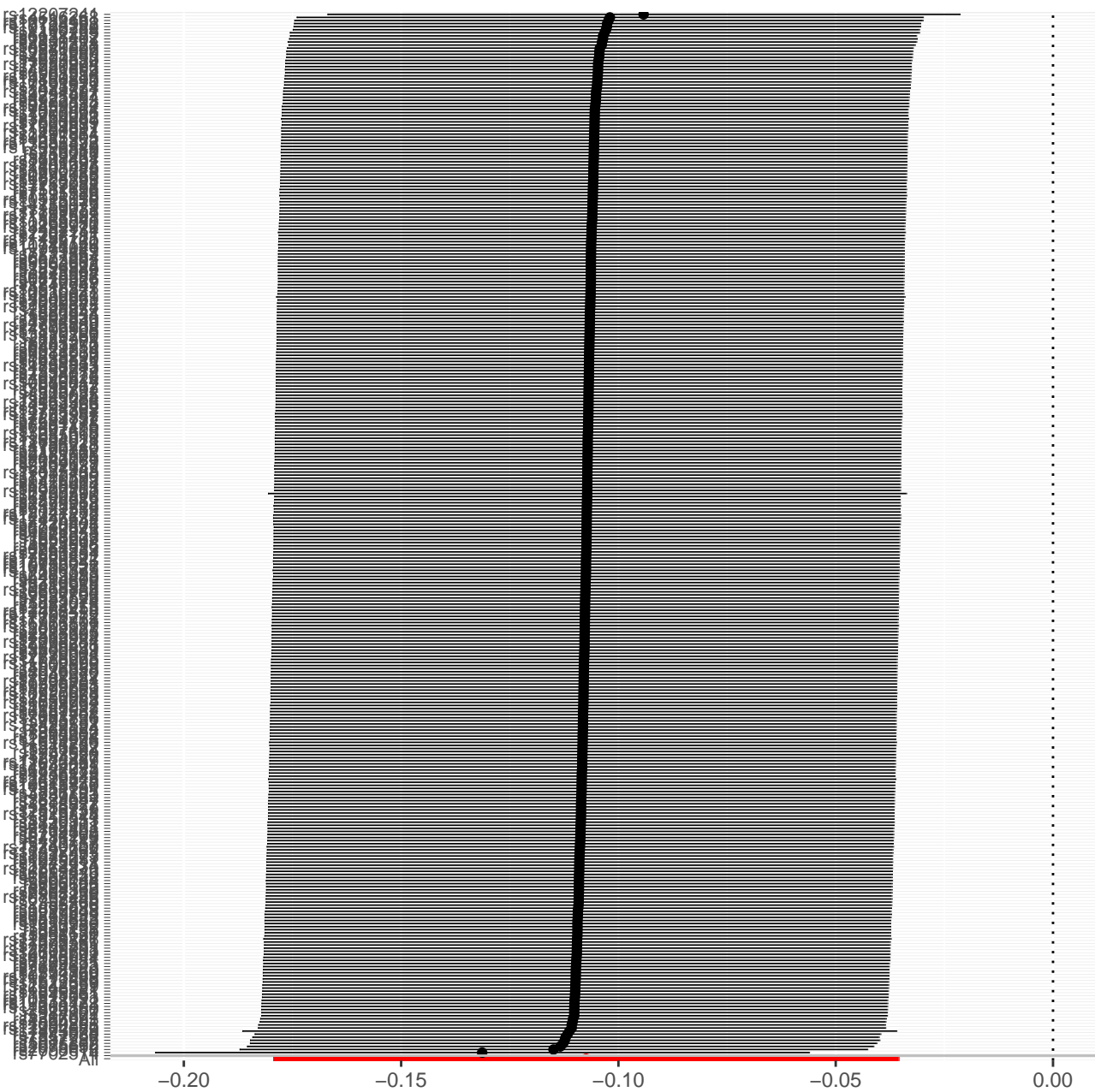


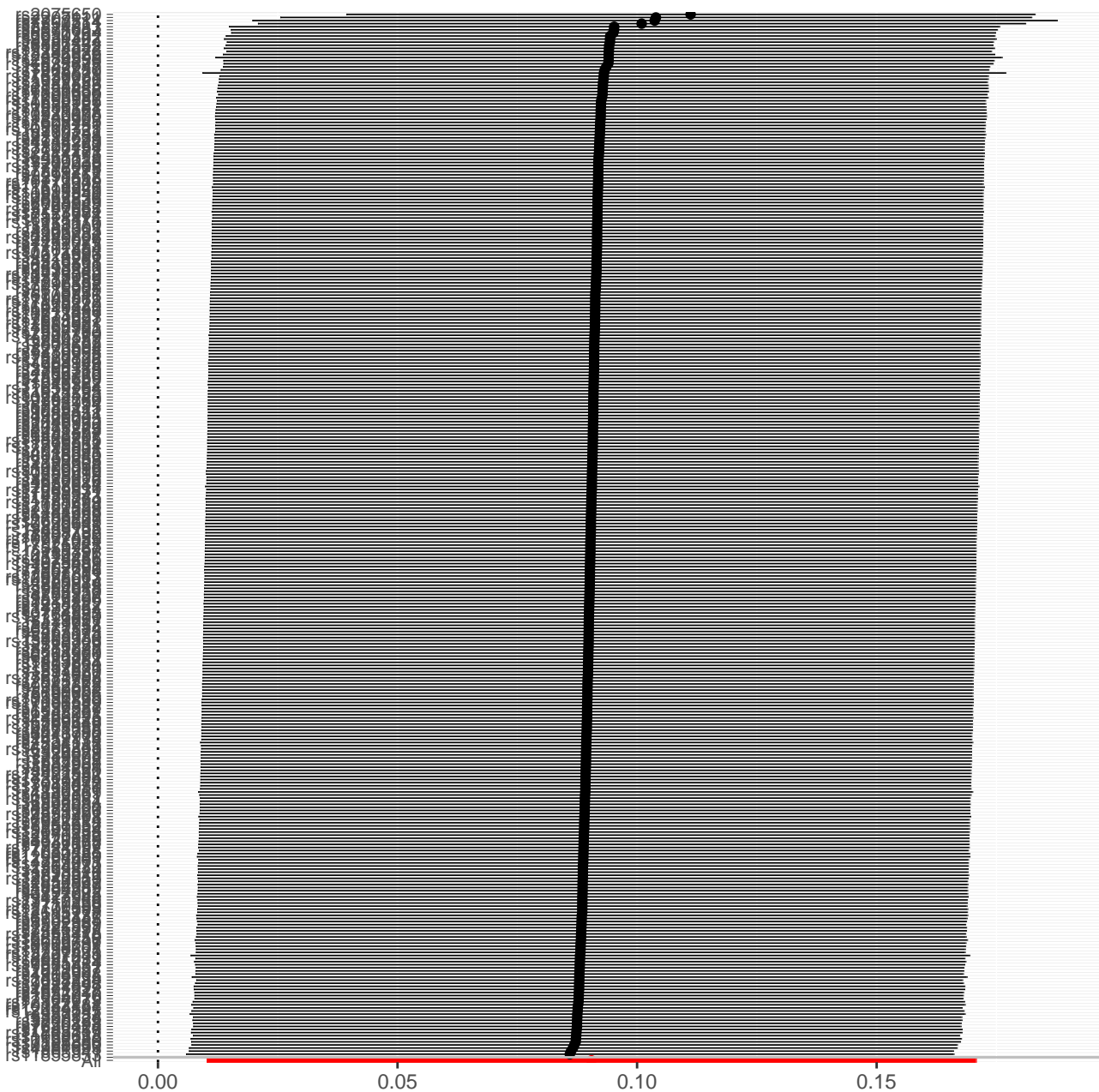
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Cholesterol esters in medium HDL || id:899'



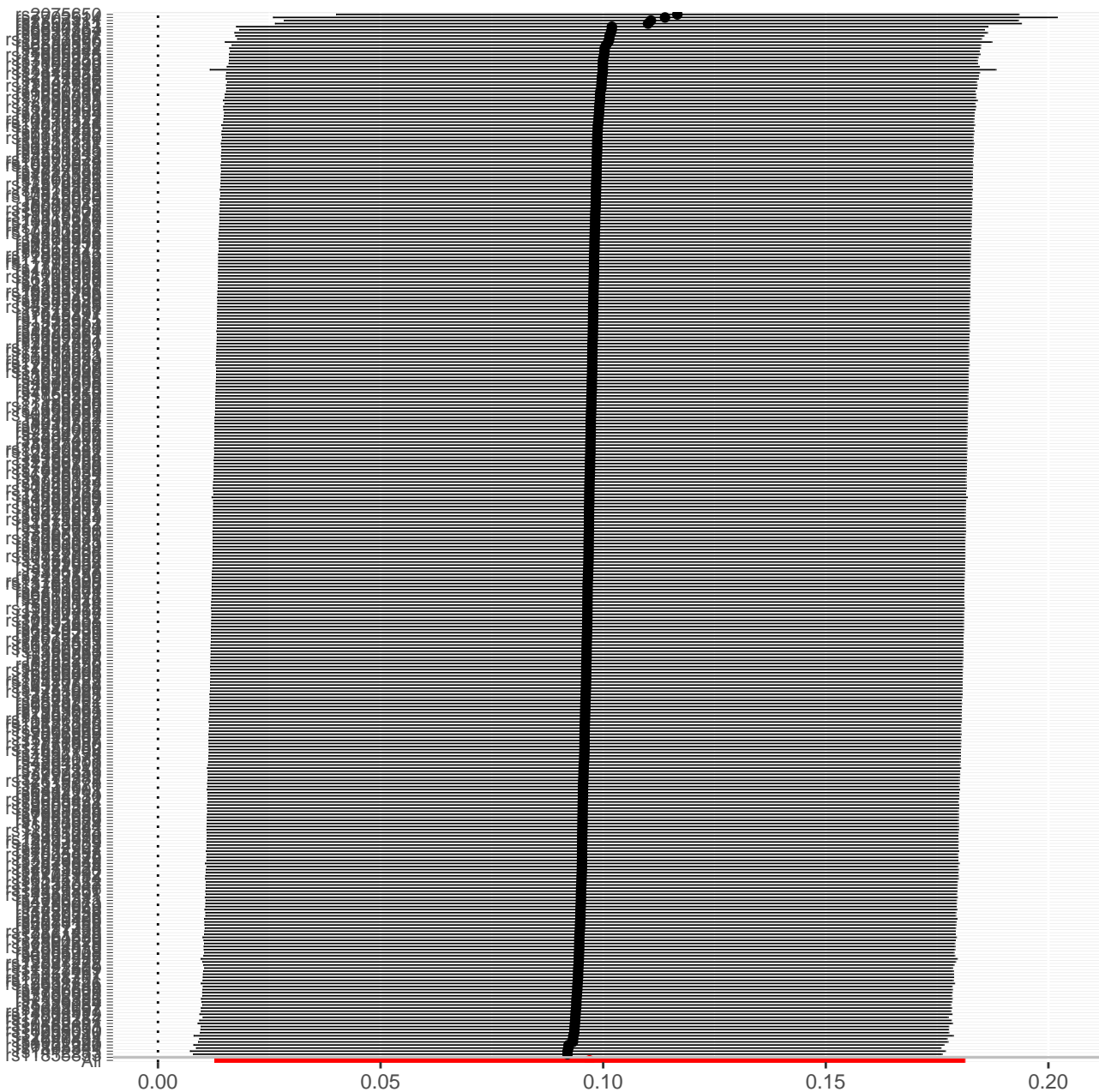
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Free cholesterol in medium HDL || id:900'



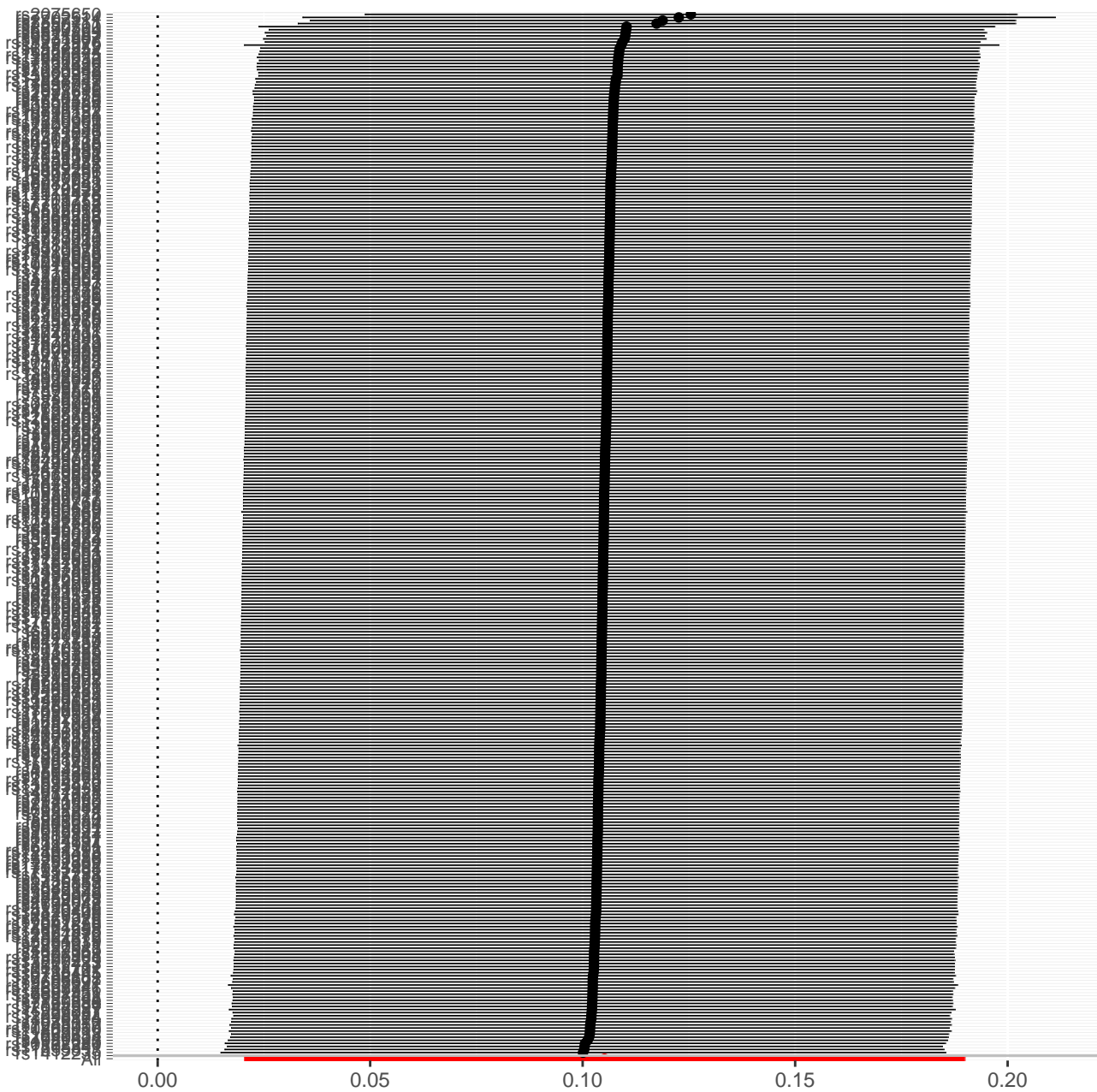




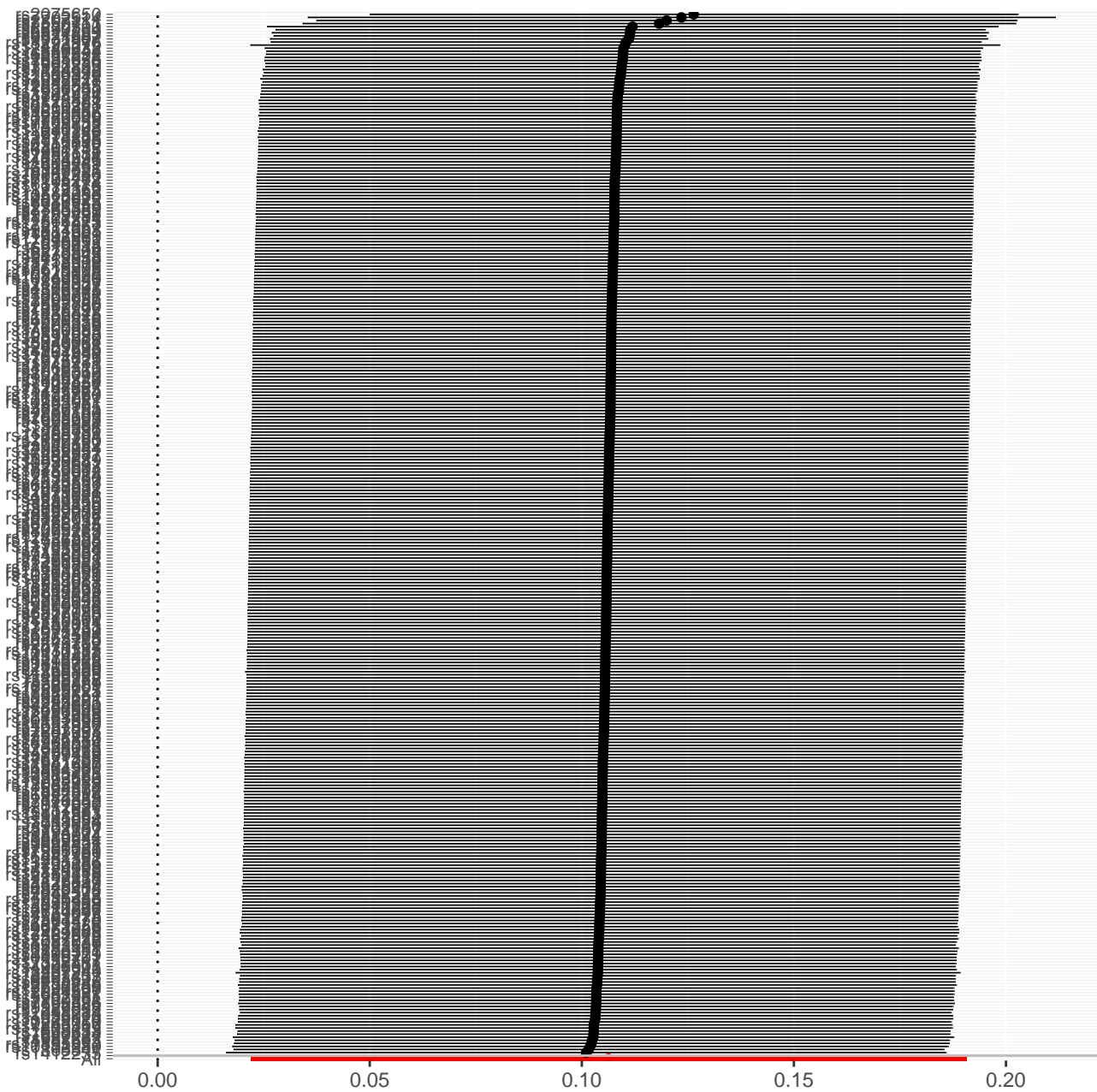
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total cholesterol in medium LDL || id:904'



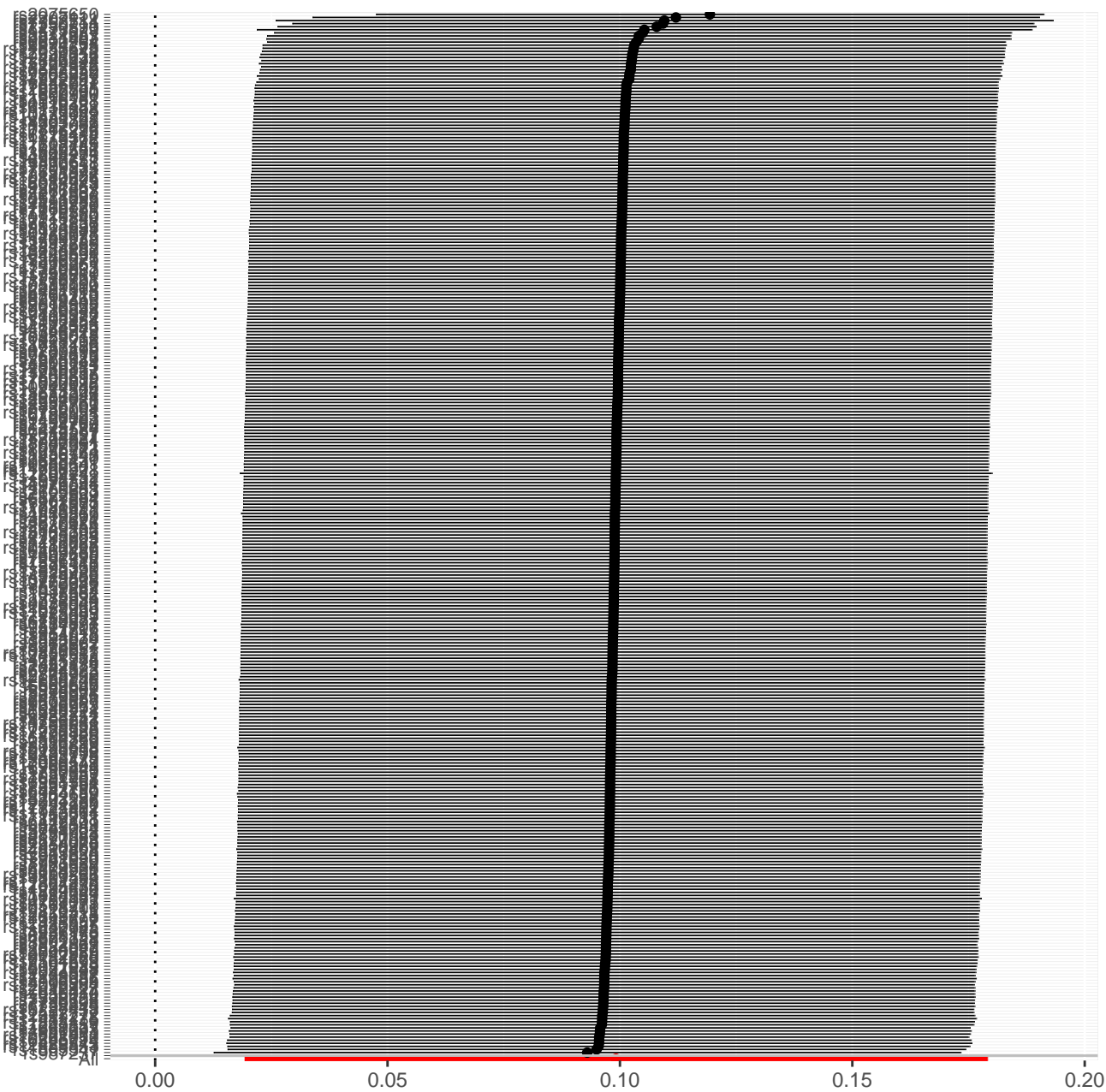
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Cholesterol esters in medium LDL || id:905'

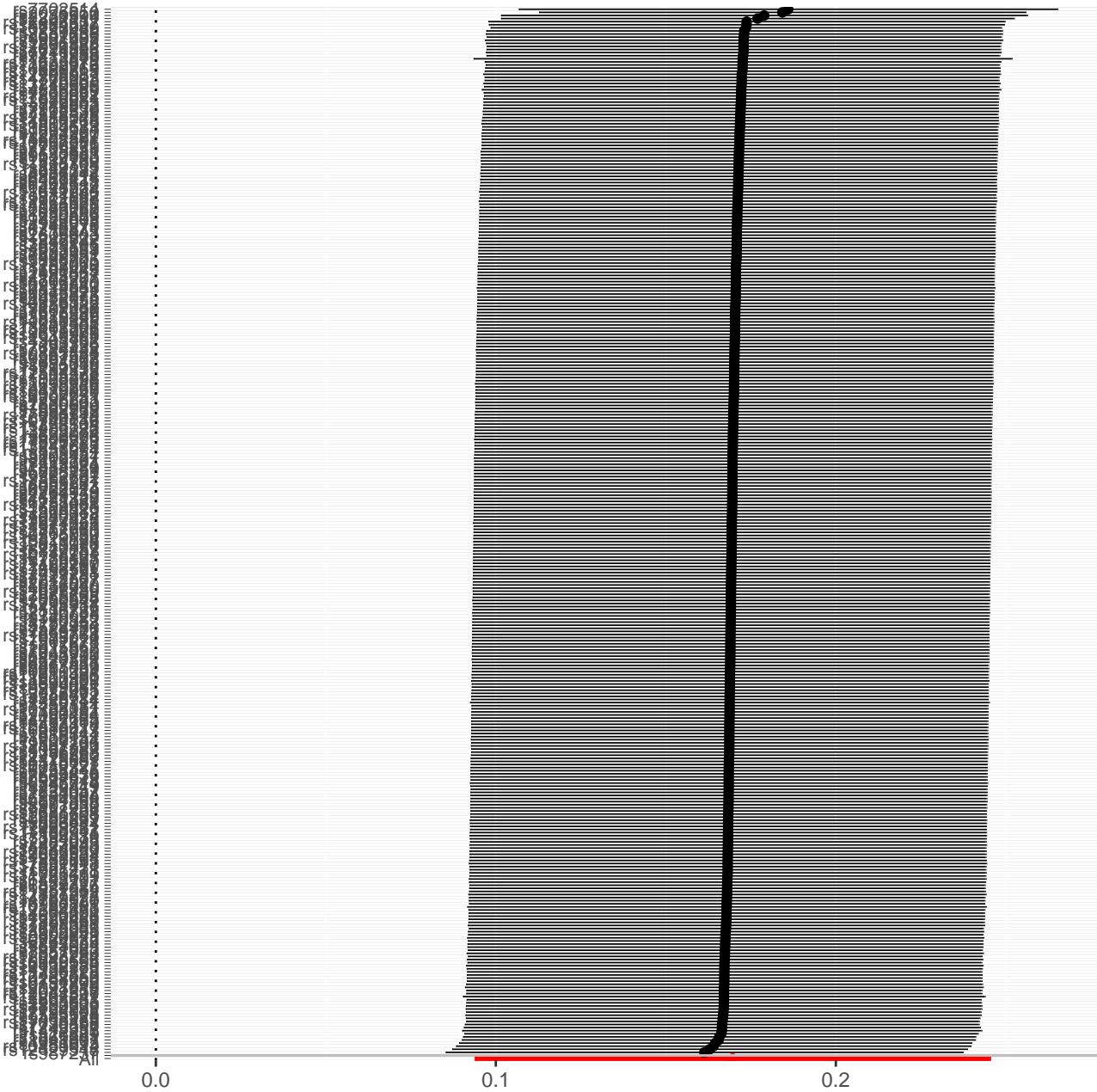


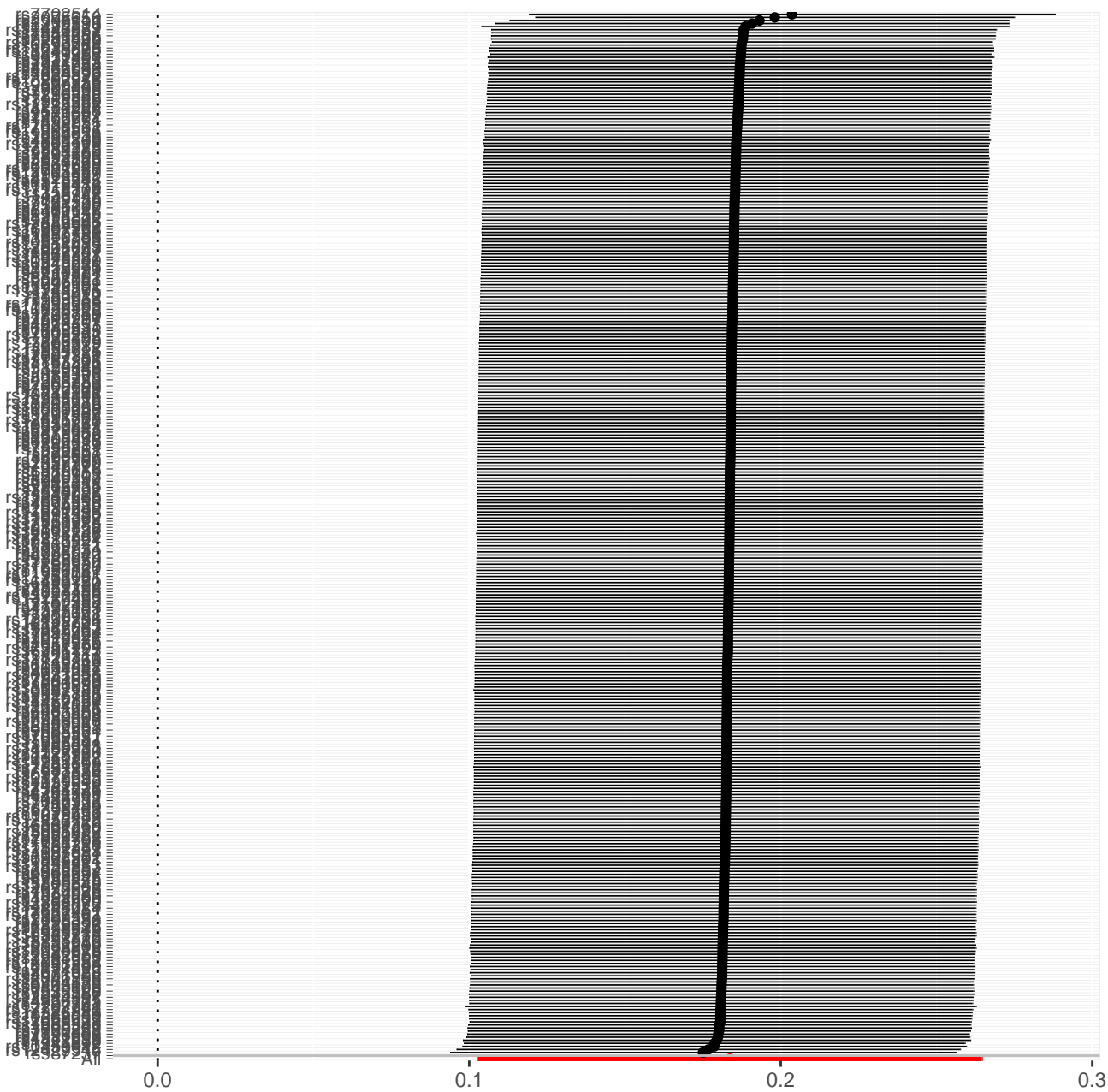
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total lipids in medium LDL || id:906'



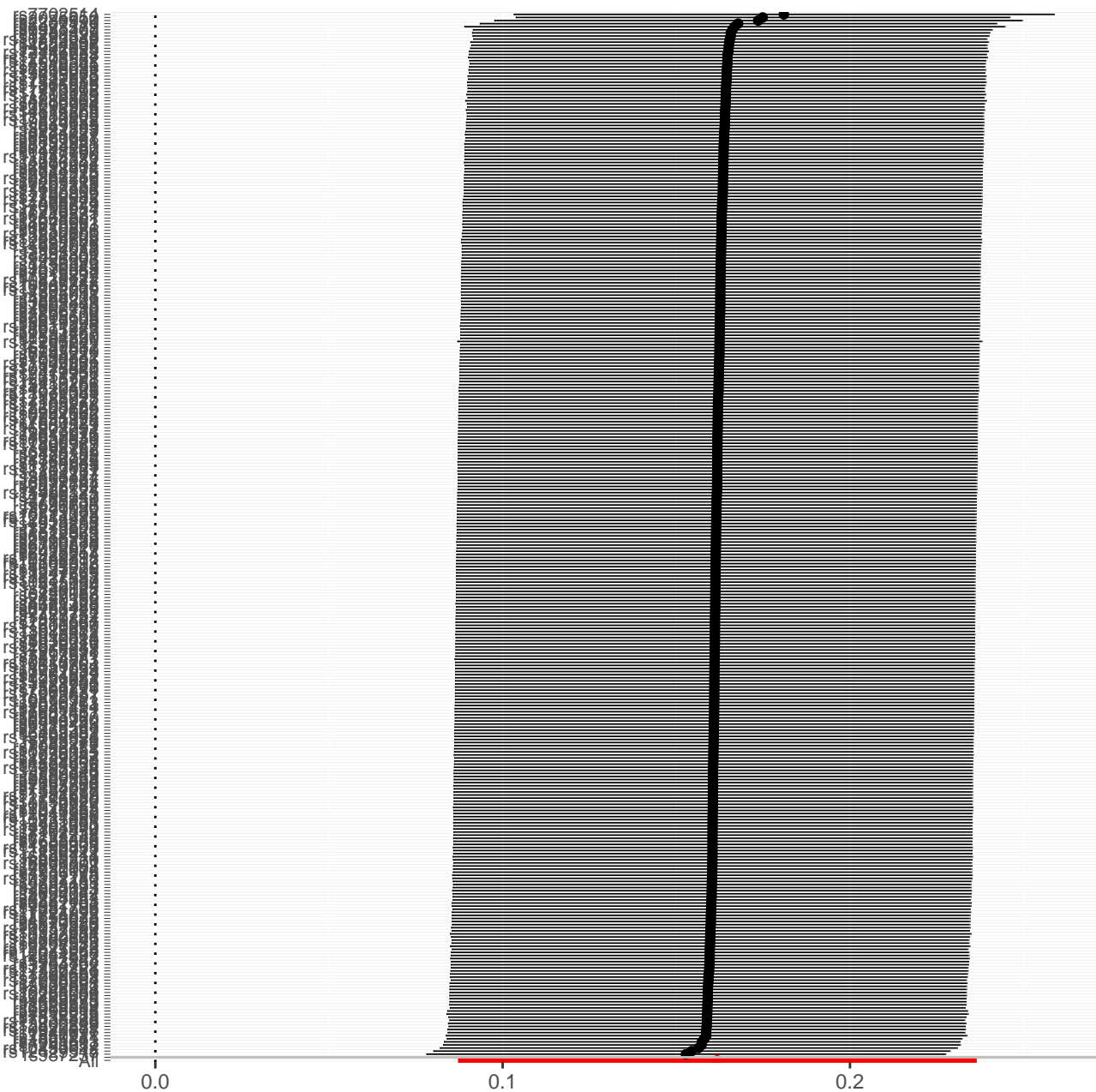
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of medium LDL particles || id:907'



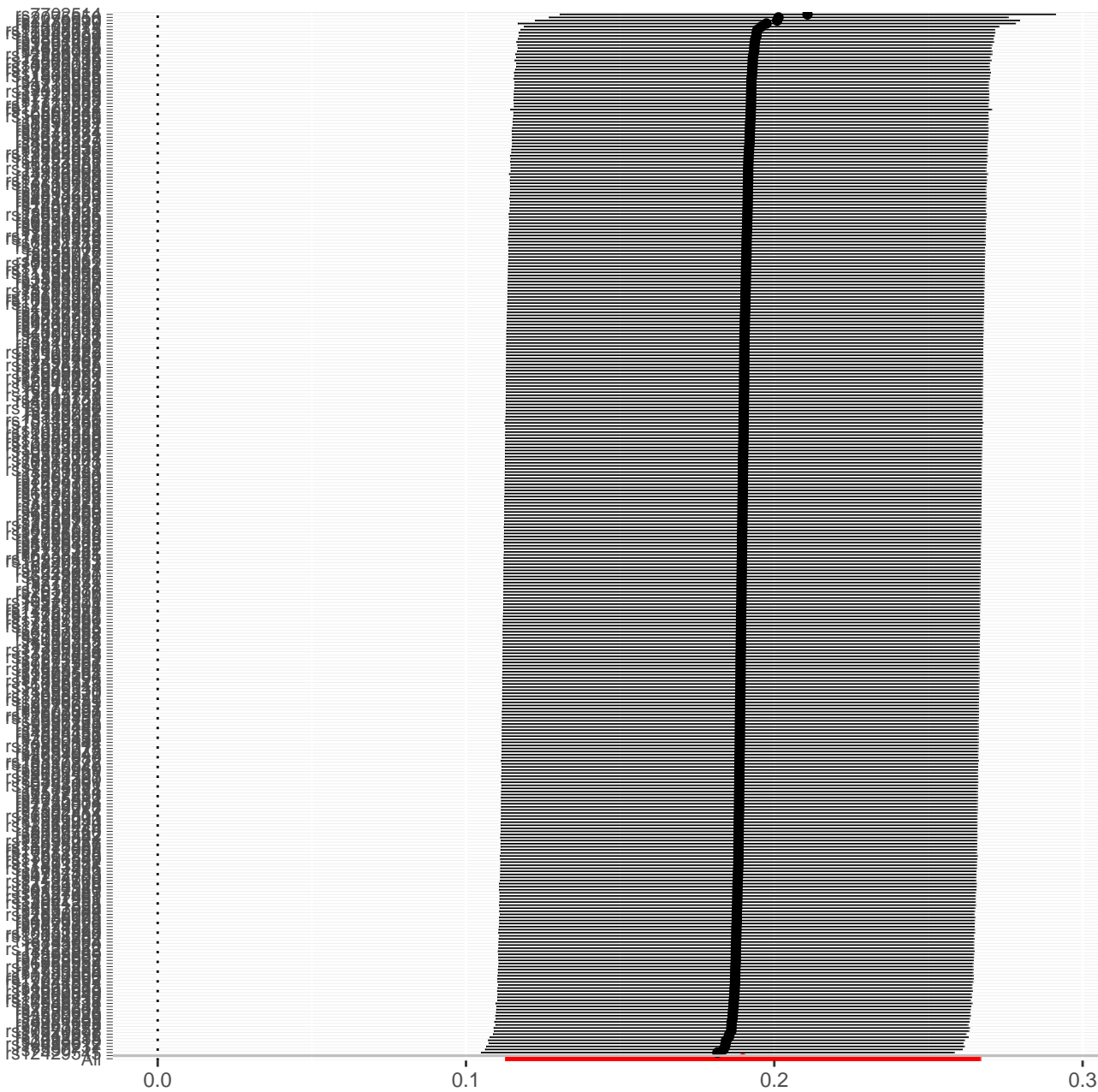




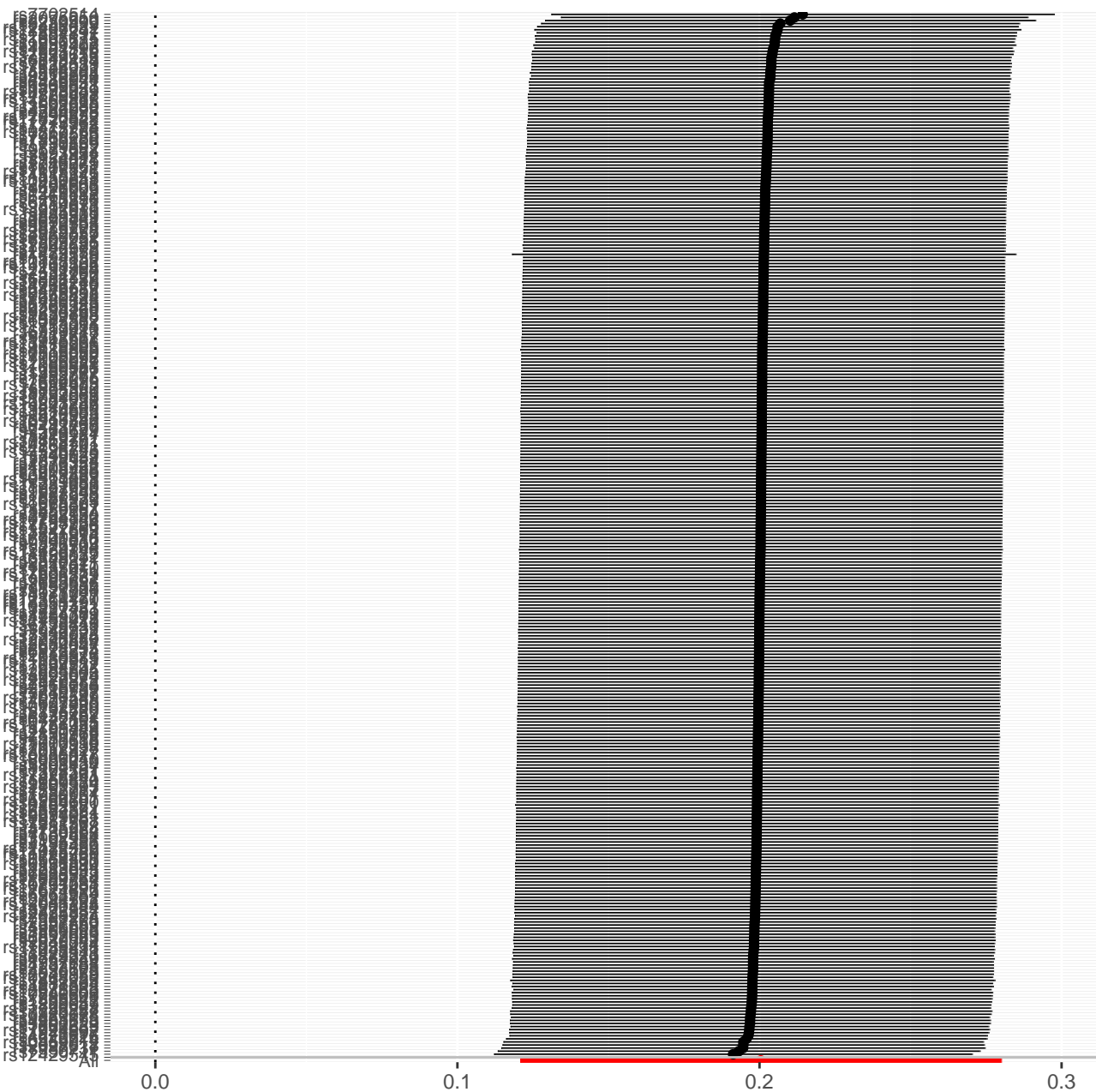
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Cholesterol esters in medium VLDL || id:910'



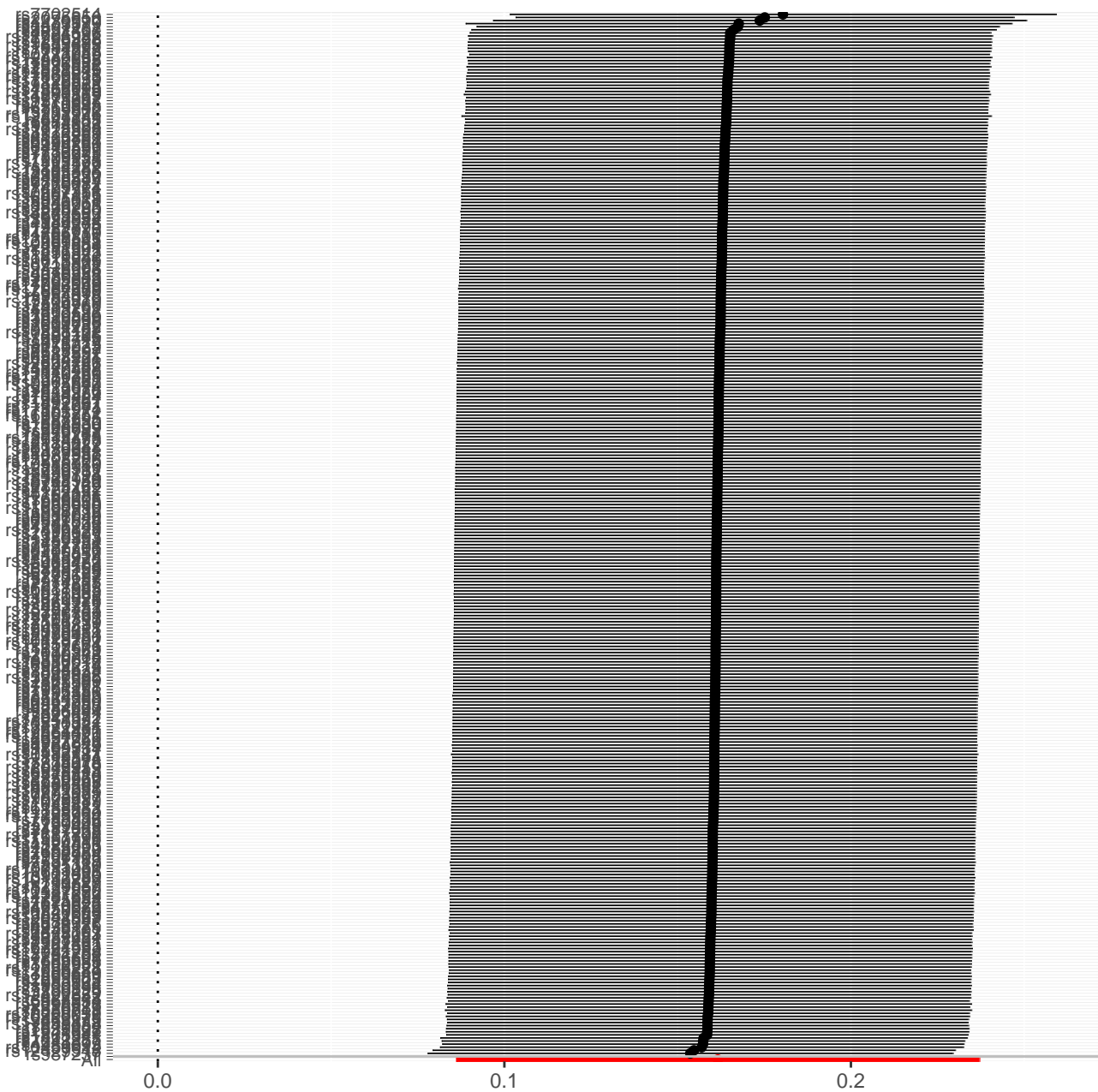
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Free cholesterol in medium VLDL || id:911'



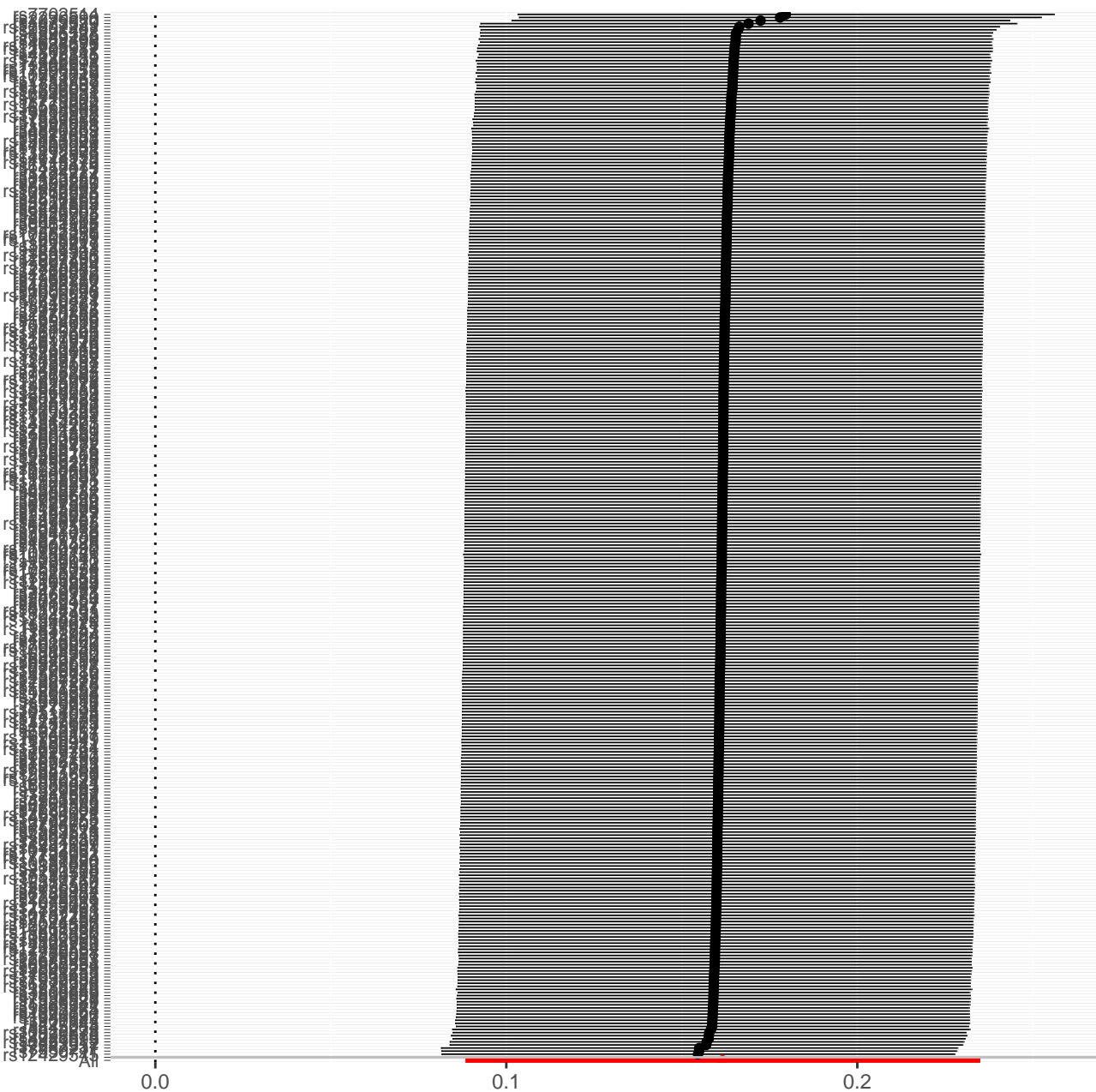
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total lipids in medium VLDL || id:912'



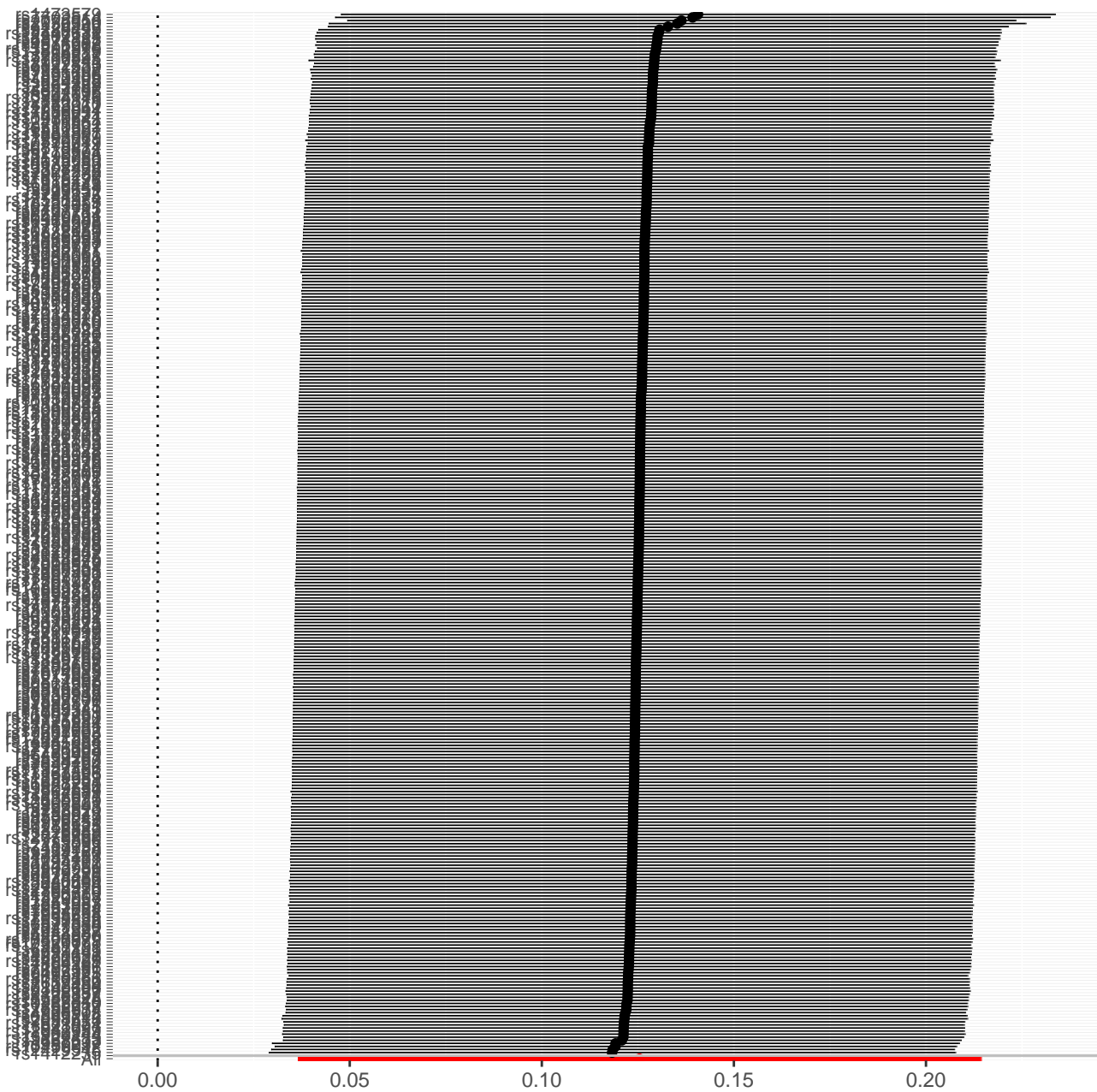
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of medium VLDL particles || id:913'



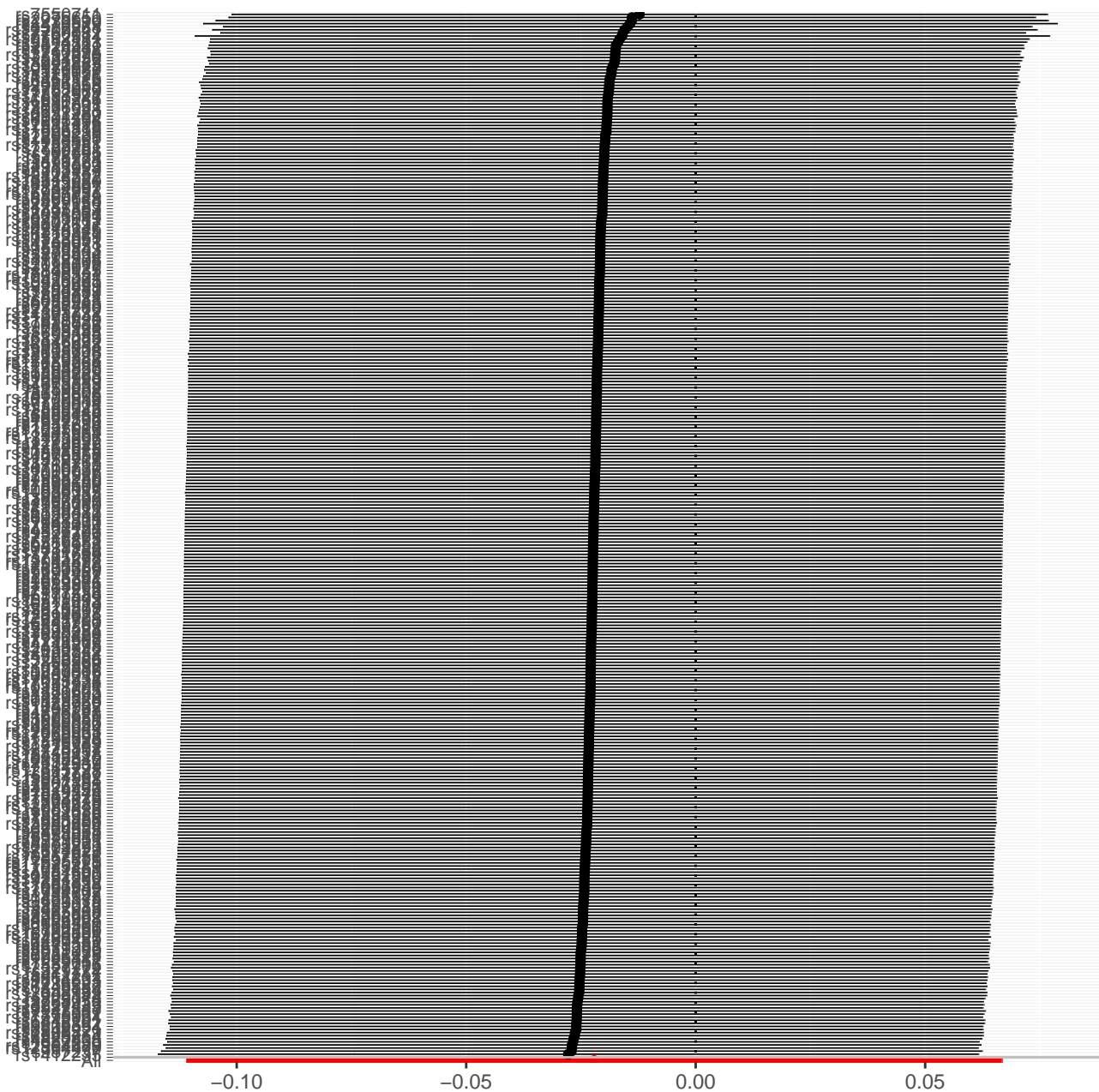
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Phospholipids in medium VLDL || id:914'



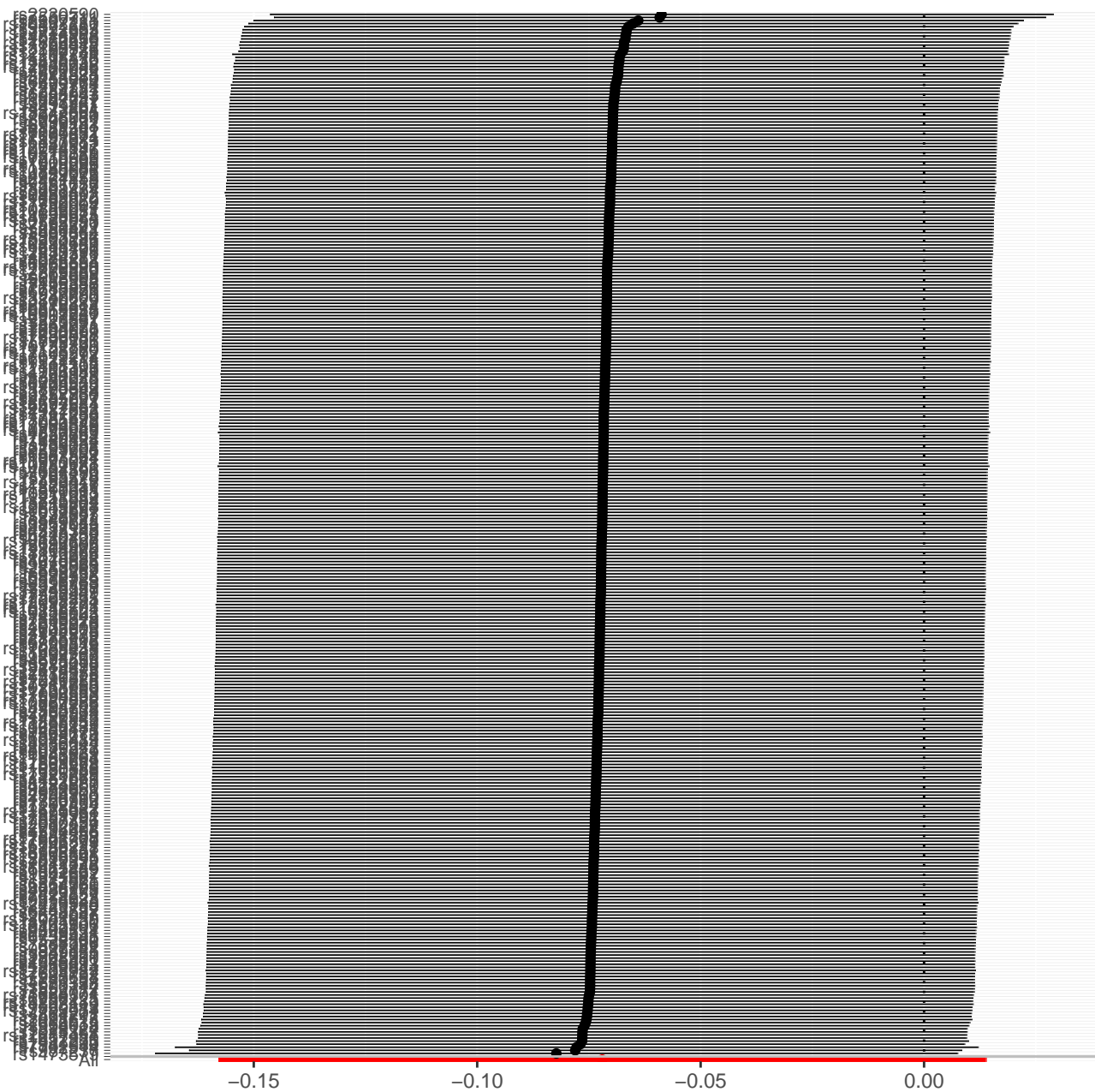
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Triglycerides in medium VLDL || id:915'



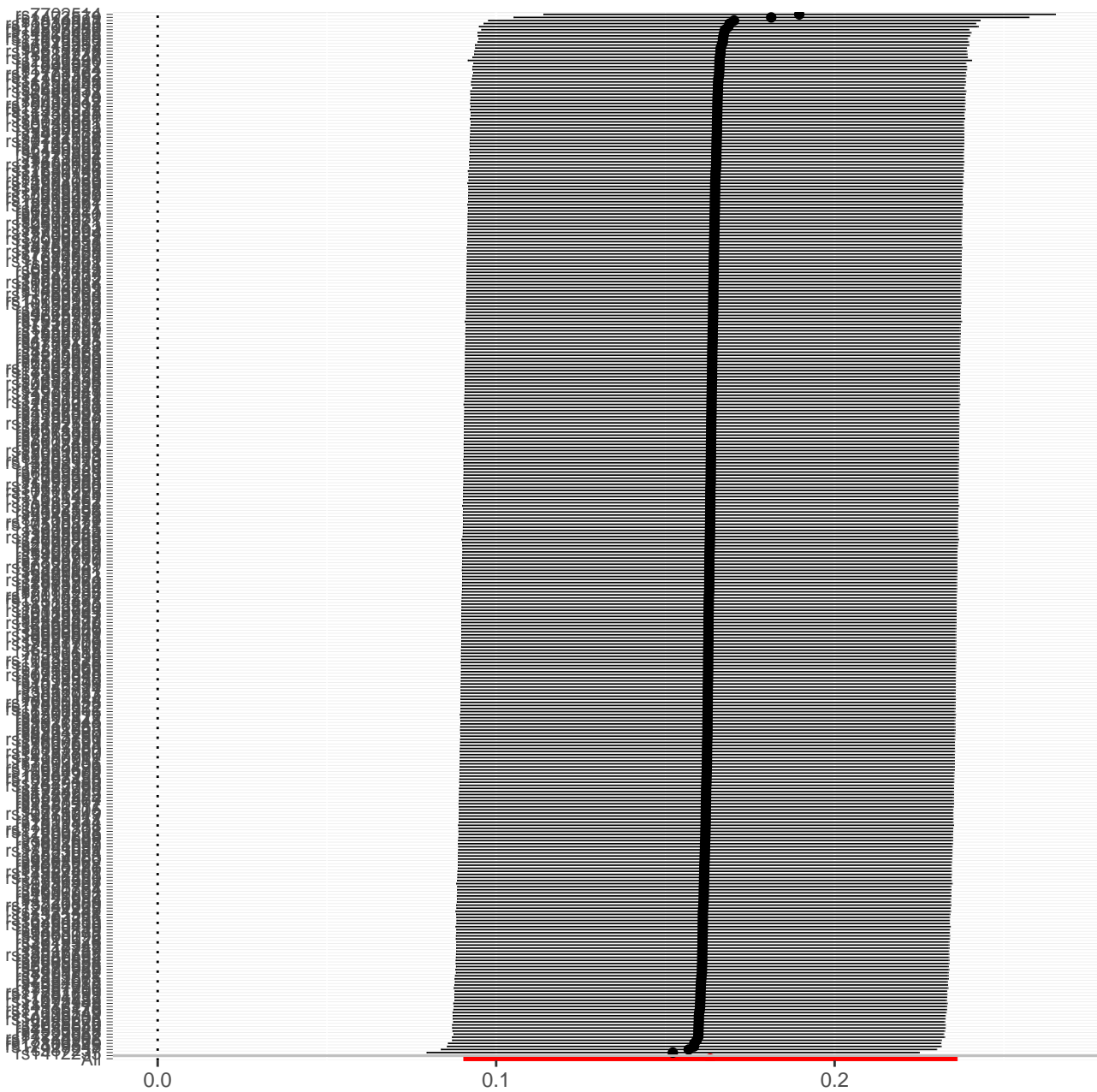
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Mono-unsaturated fatty acids || id:916'



MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Other polyunsaturated fatty acids than 18:2 || id:917'



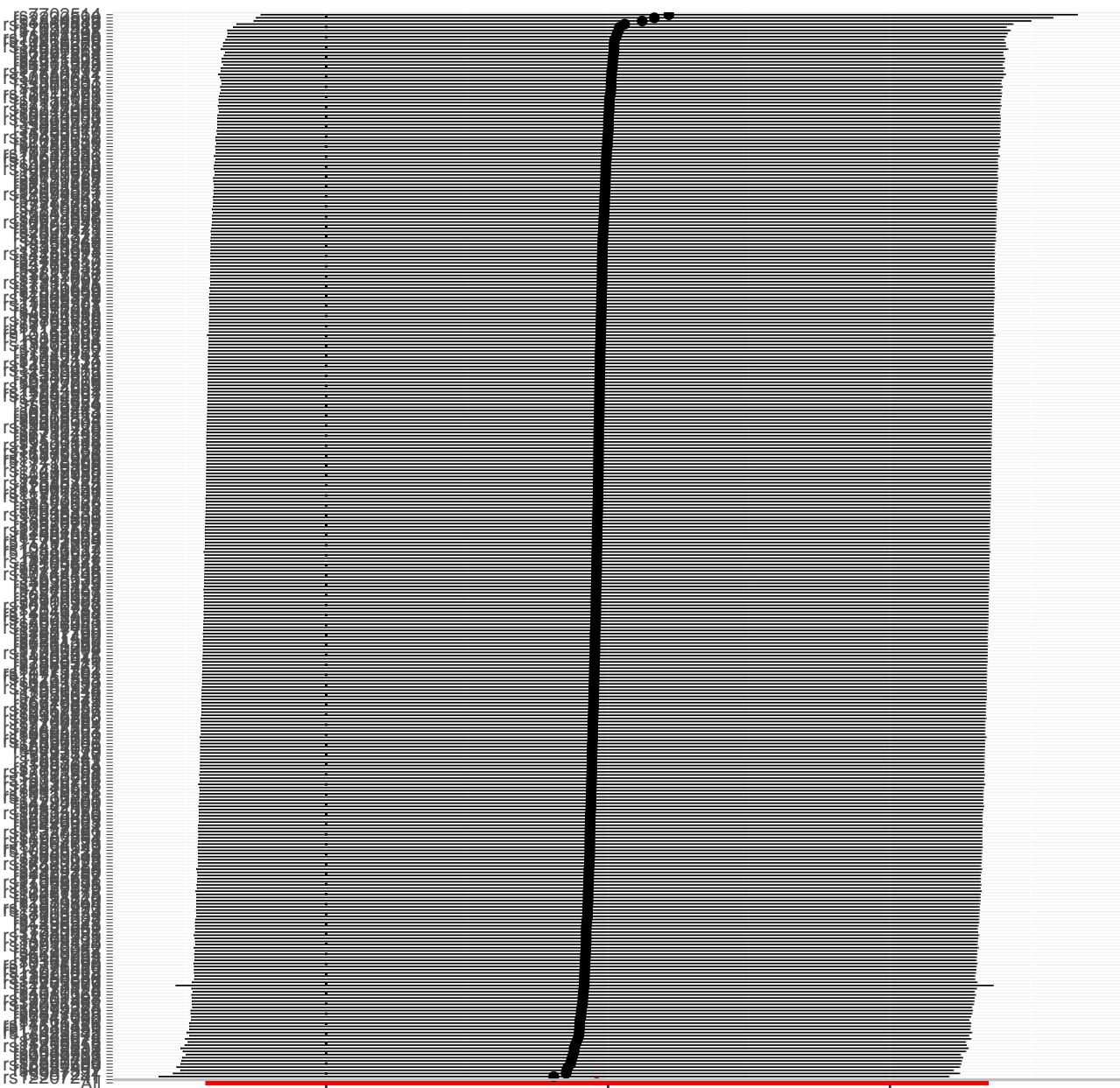
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Phosphatidylcholine and other choline || id:918'

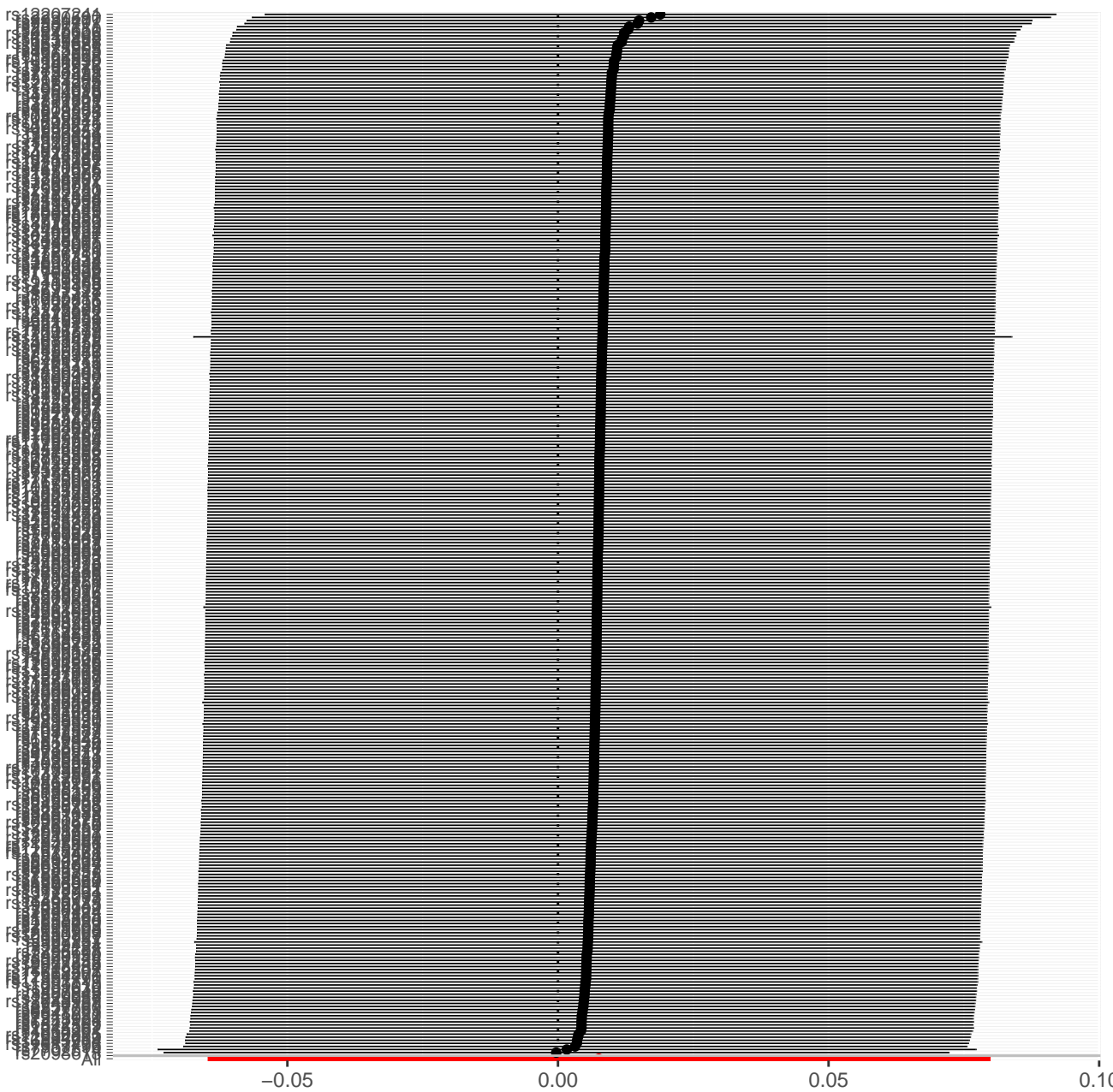


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Phenylalanine || id:919'

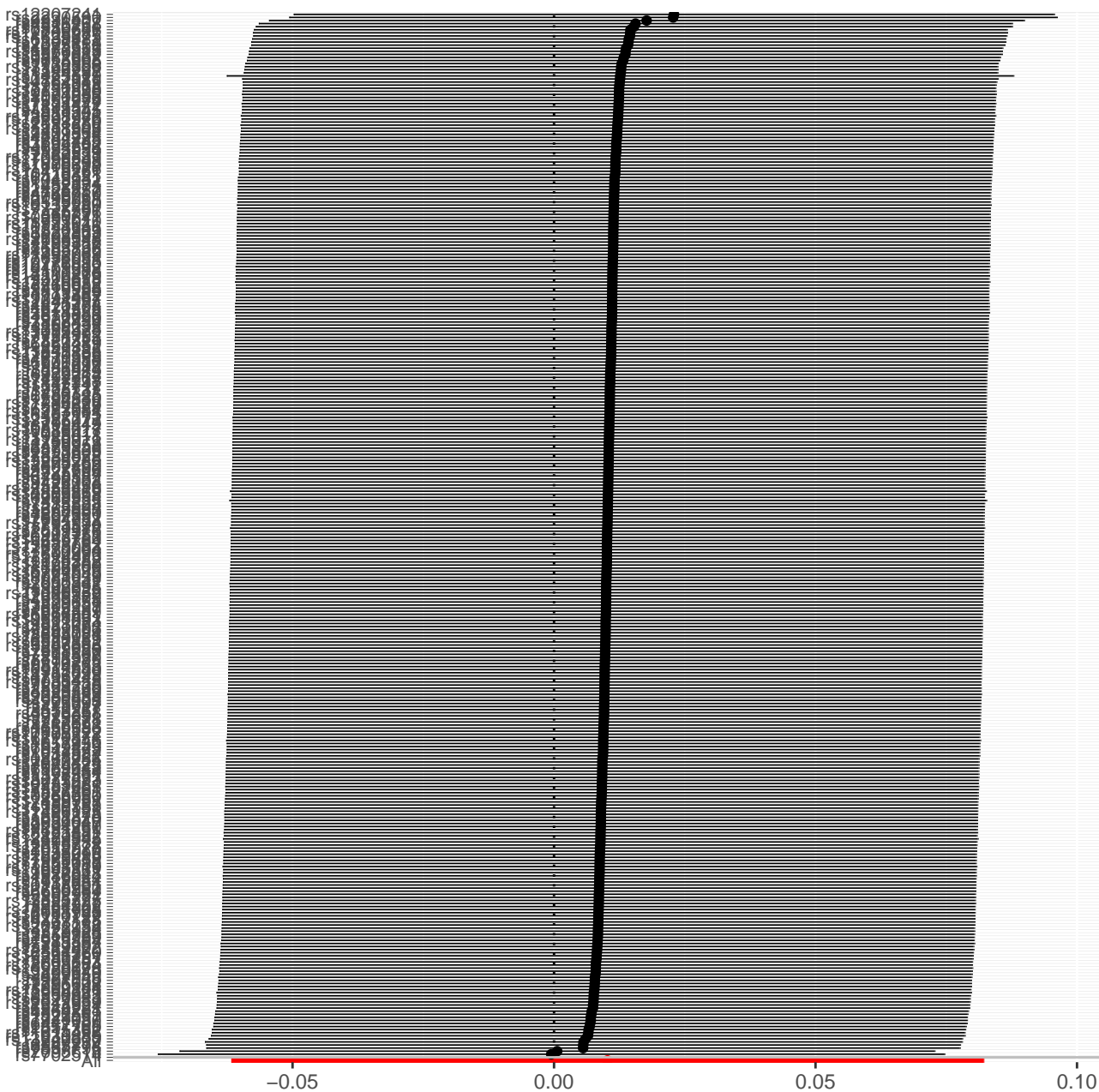
0.00 0.05 0.10

MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Pyruvate || id:920'

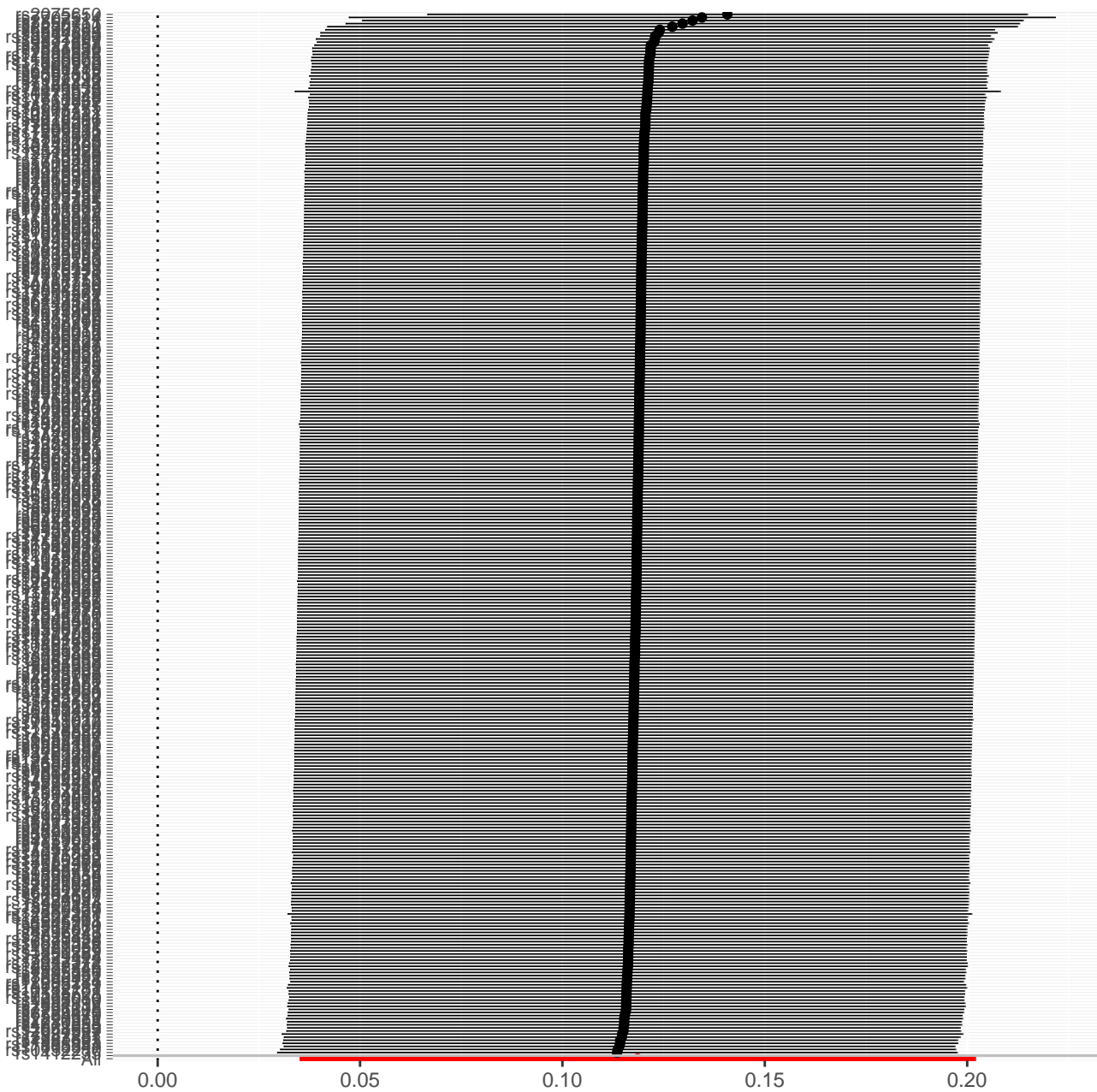




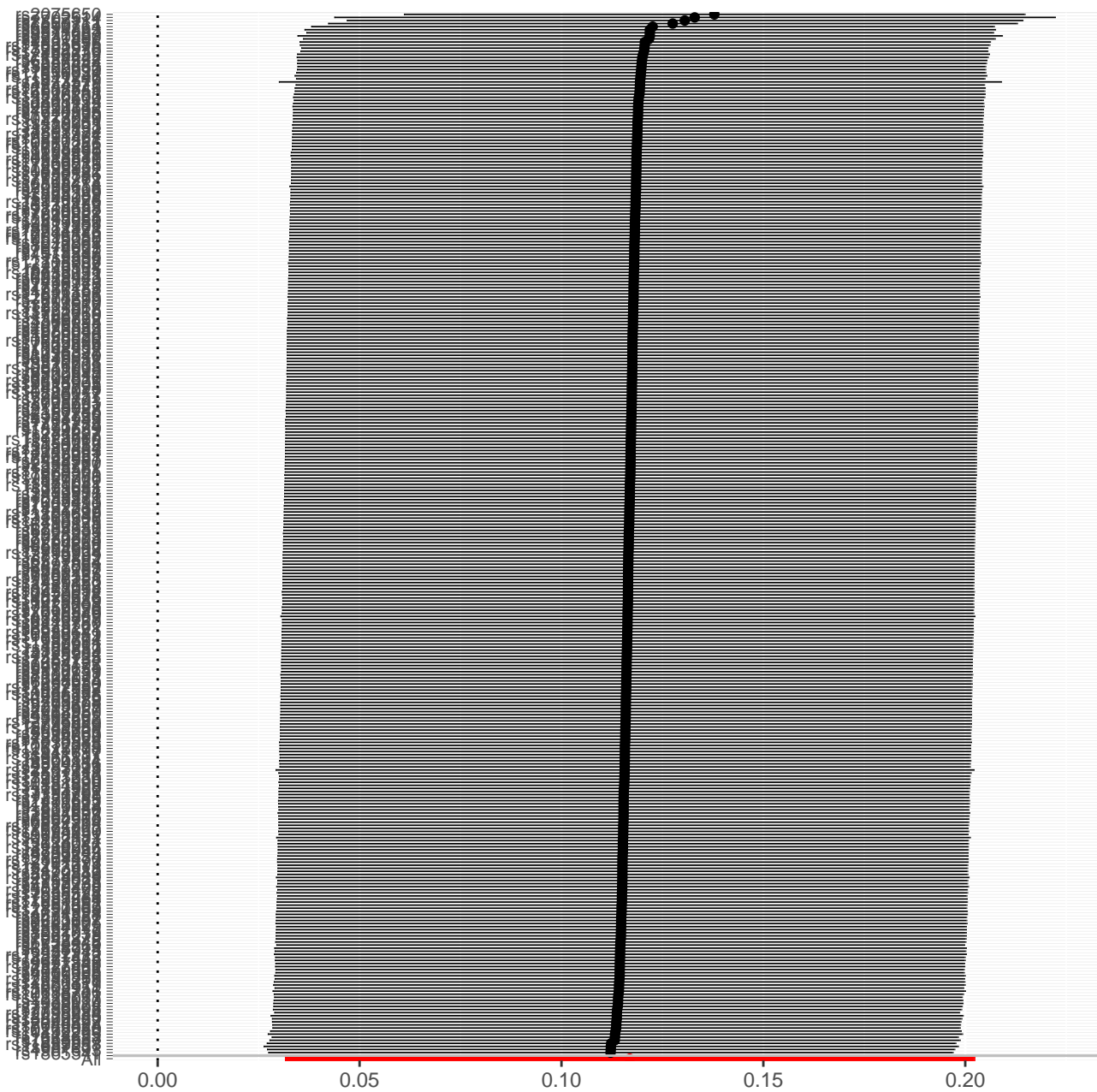
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total lipids in small HDL || id:921'

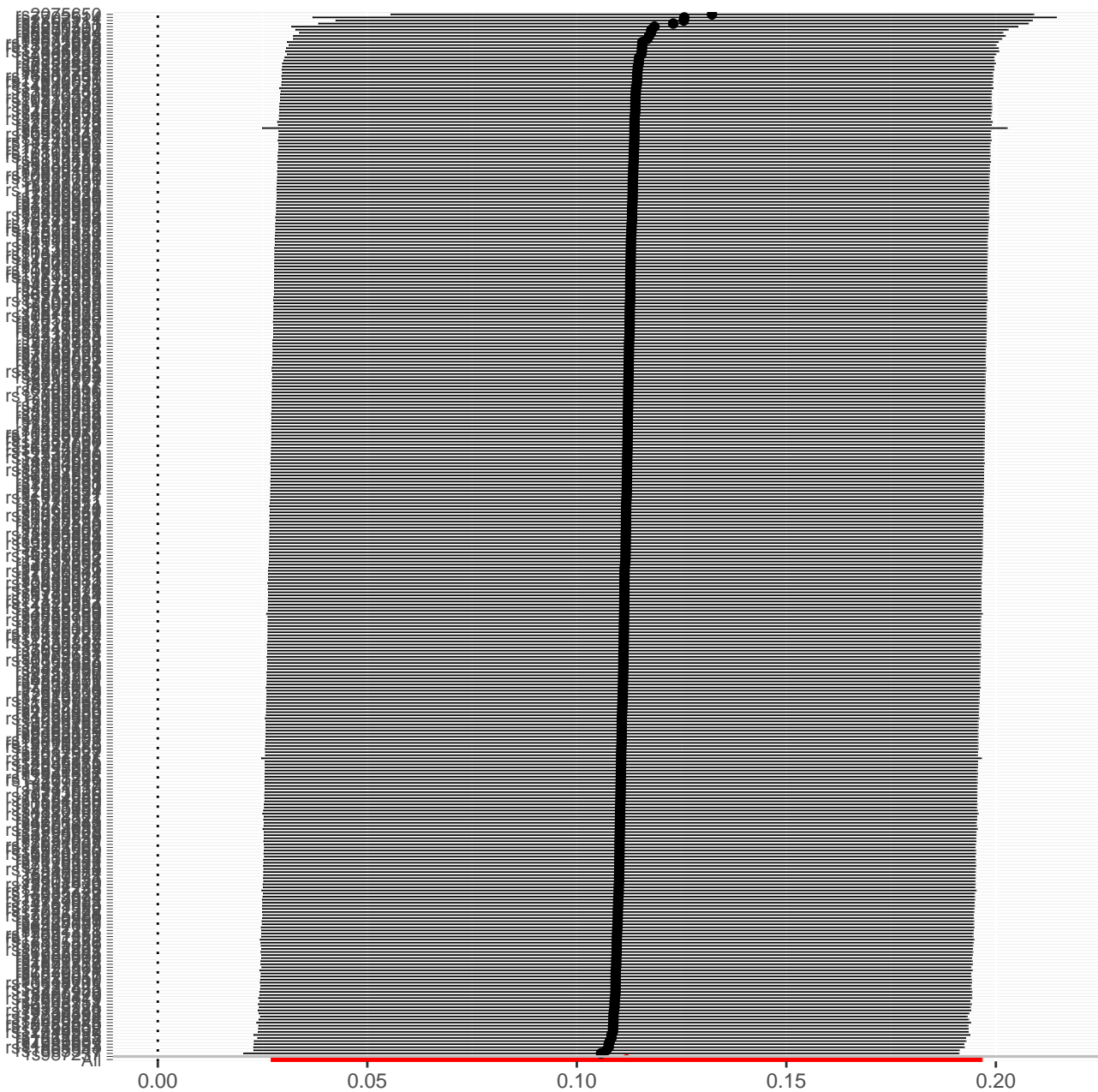


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of small HDL particles || id:922'

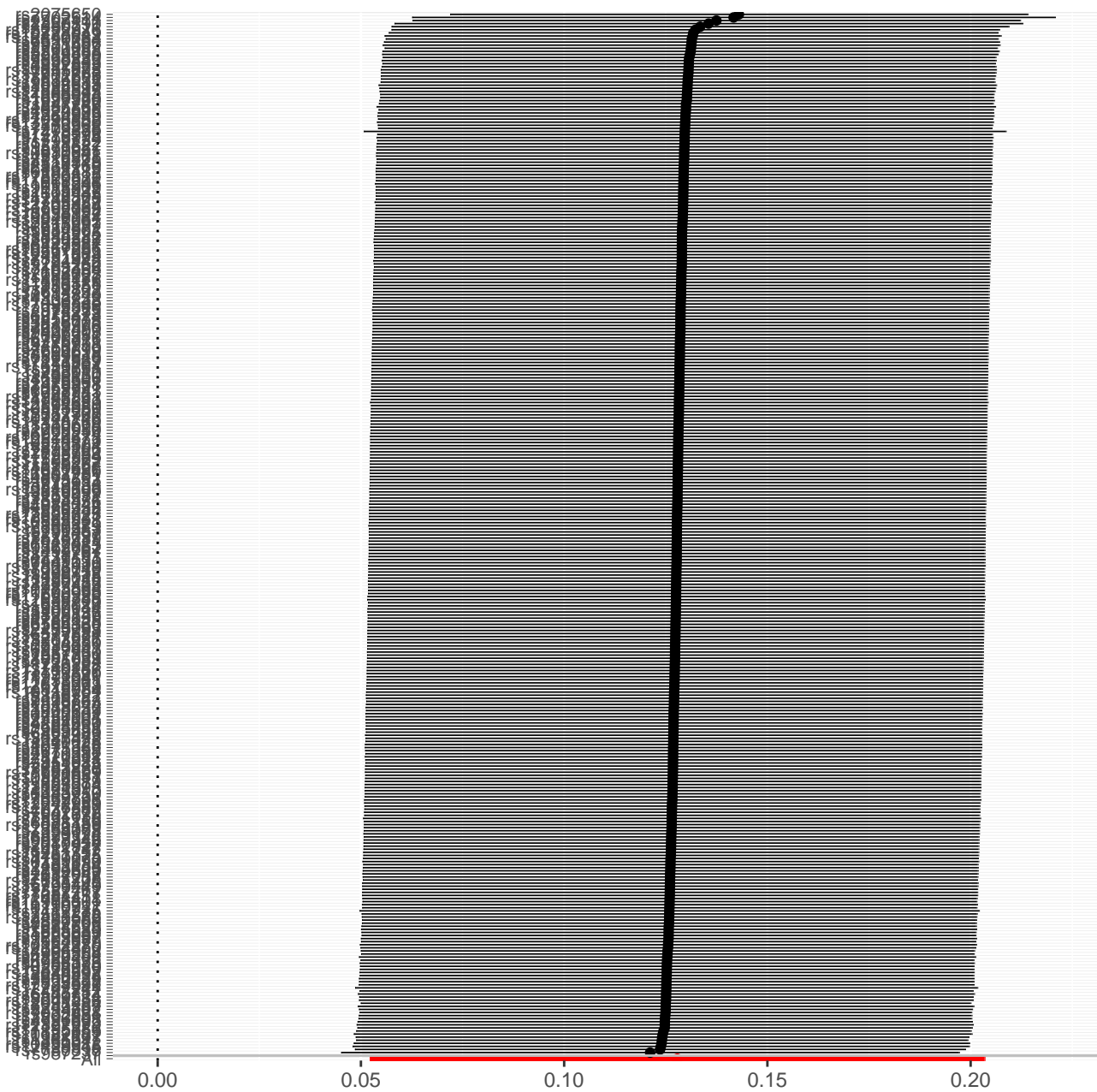


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total cholesterol in small LDL || id:924'

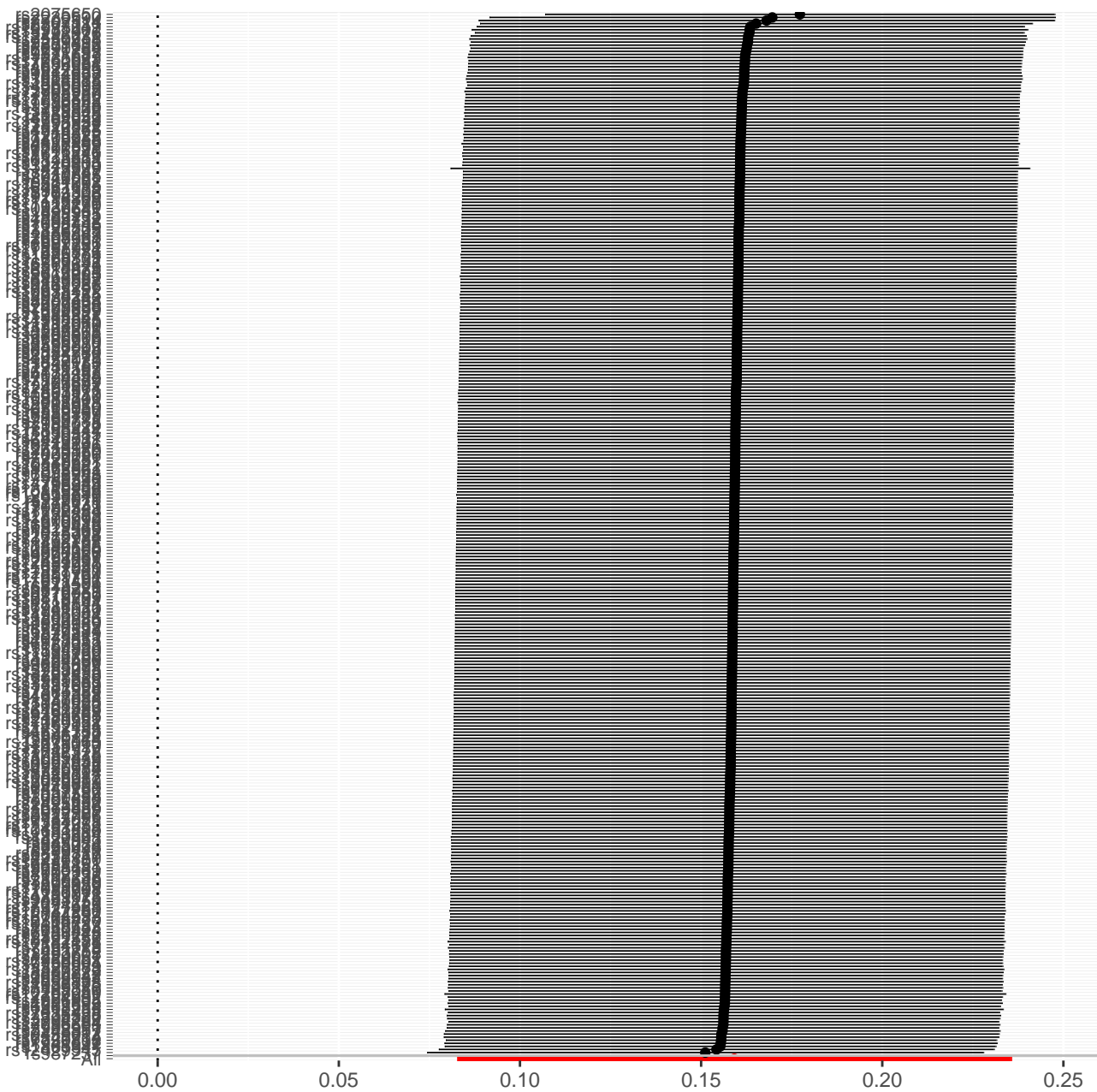




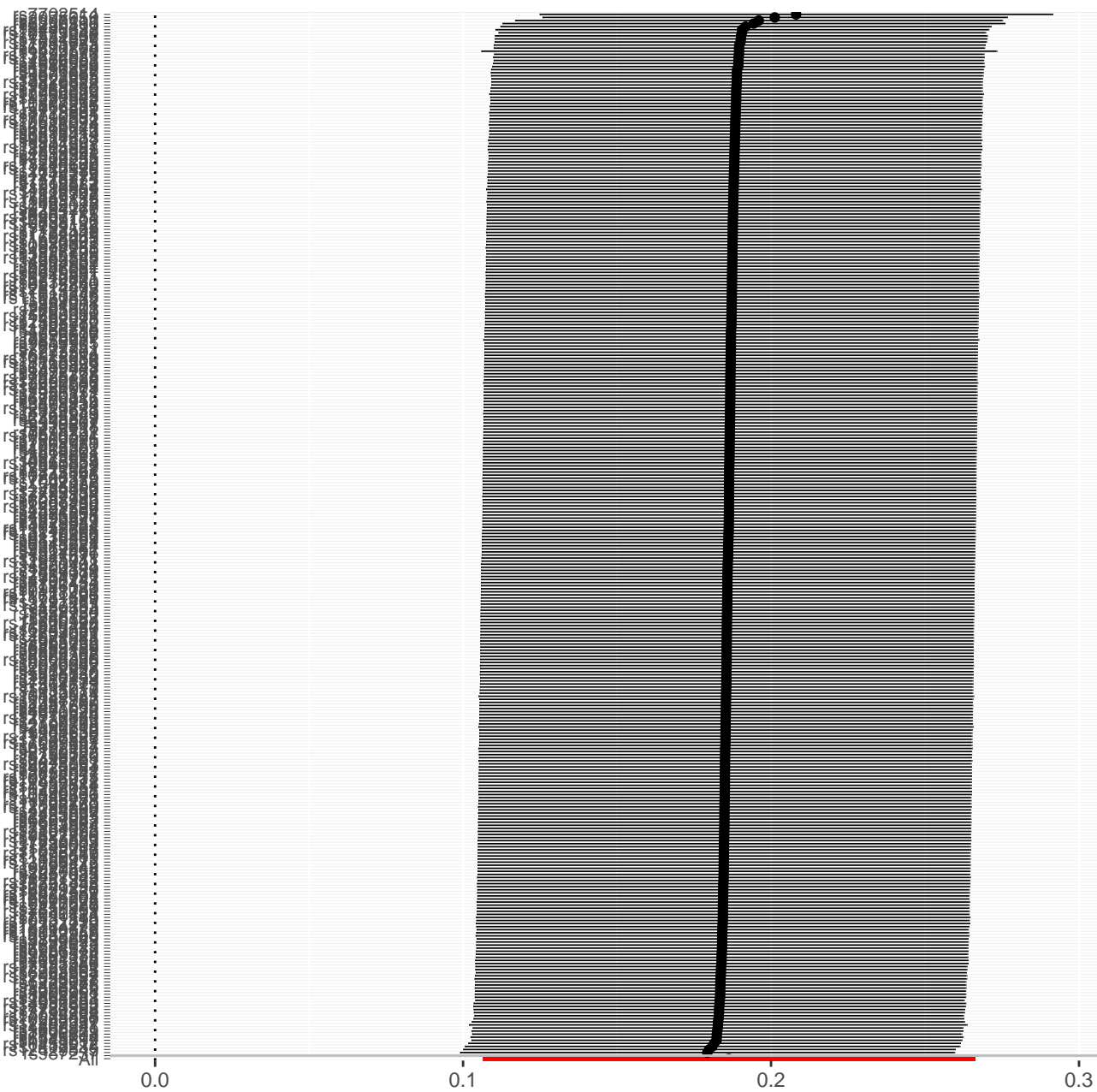
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of small LDL particles || id:926'

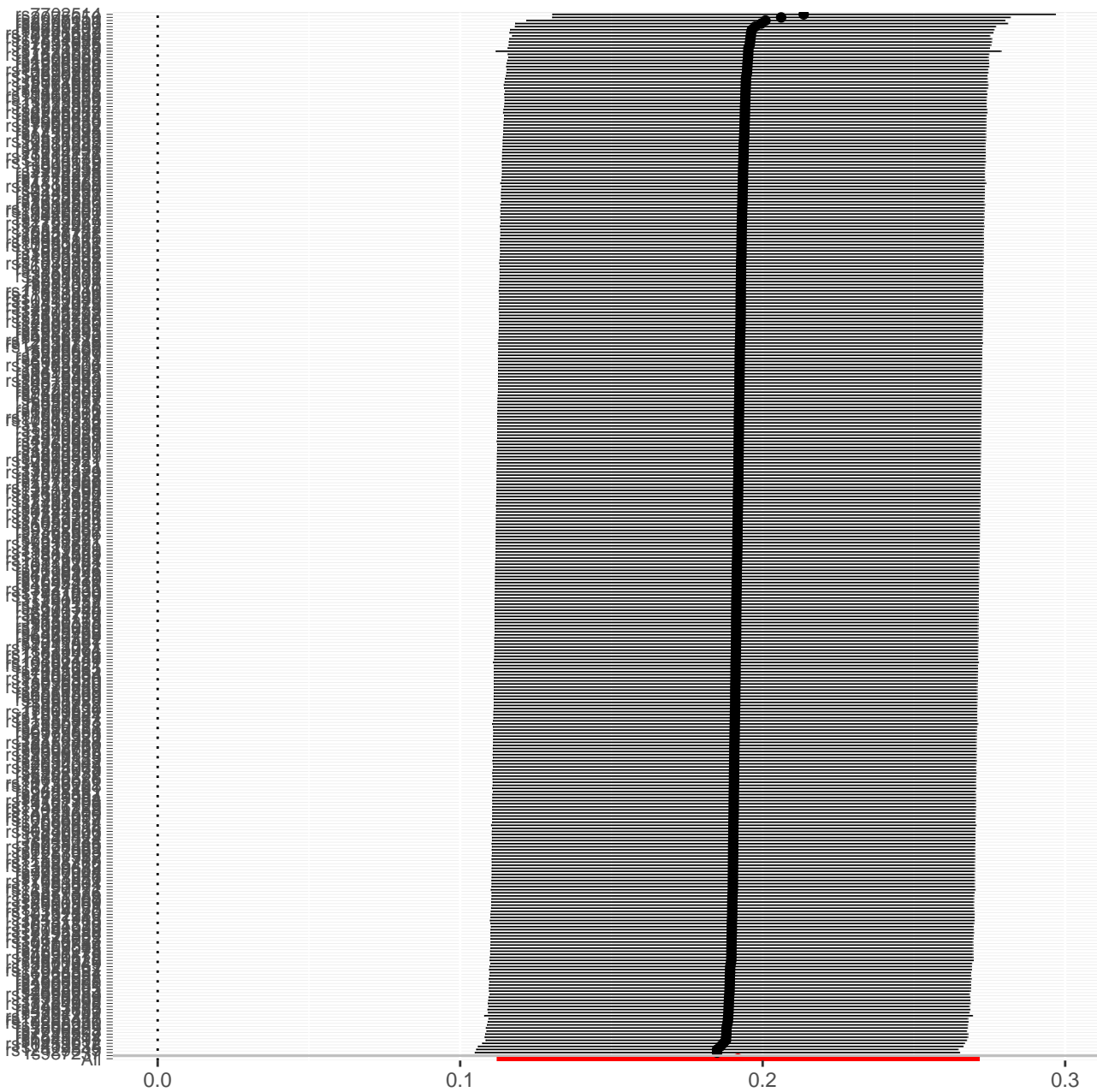


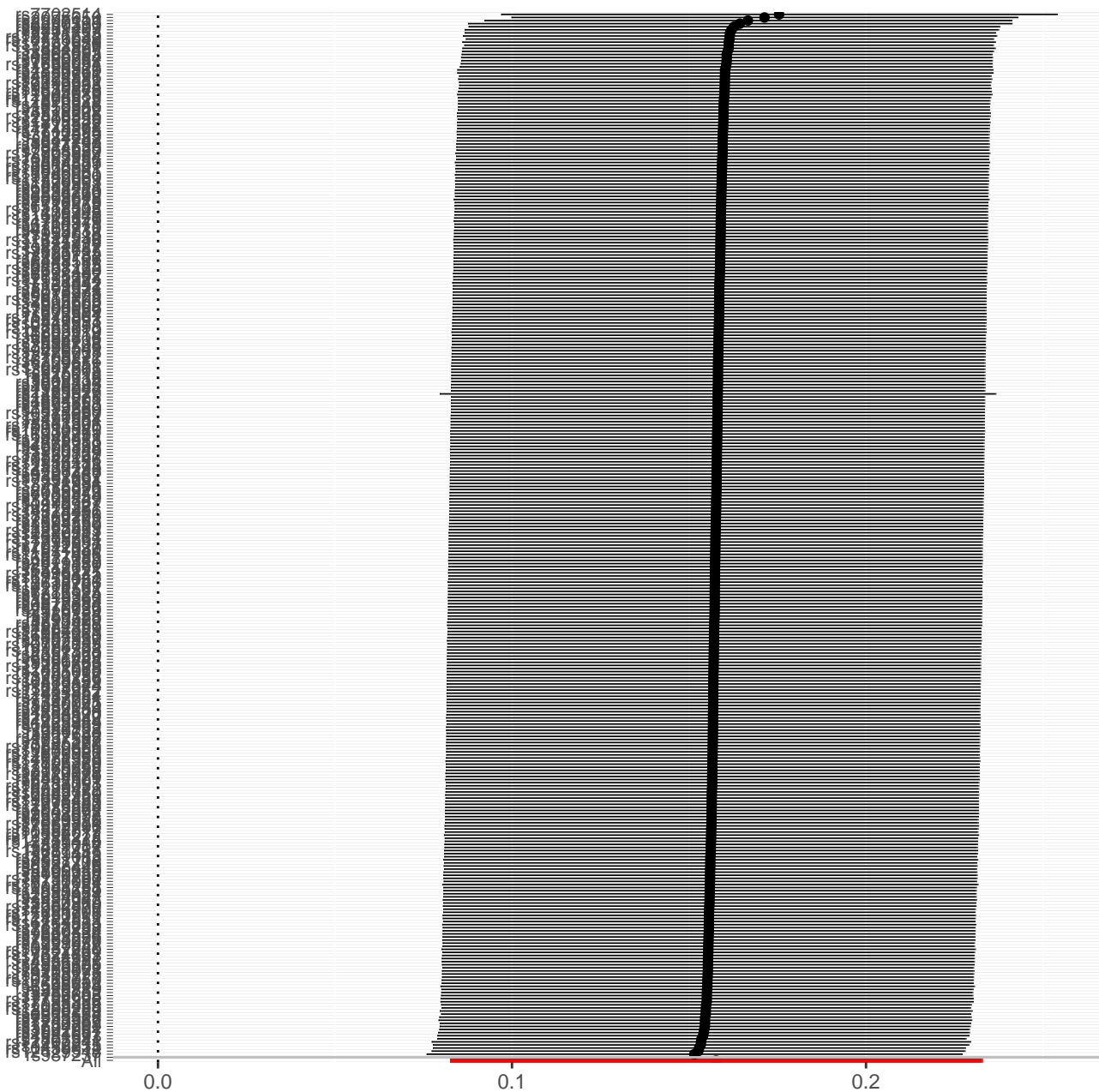
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total cholesterol in small VLDL || id:927'



MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Free cholesterol in small VLDL || id:928'





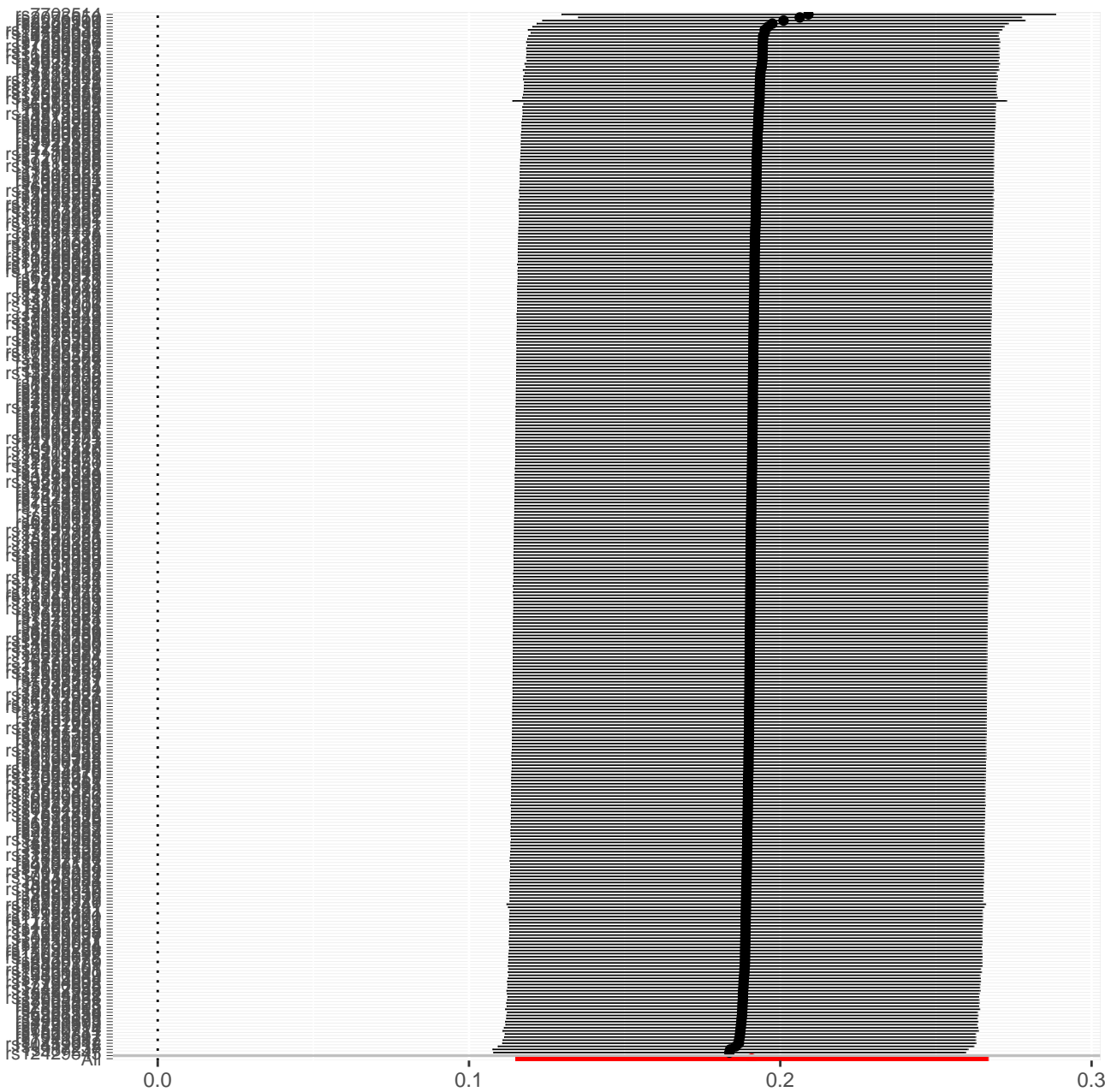


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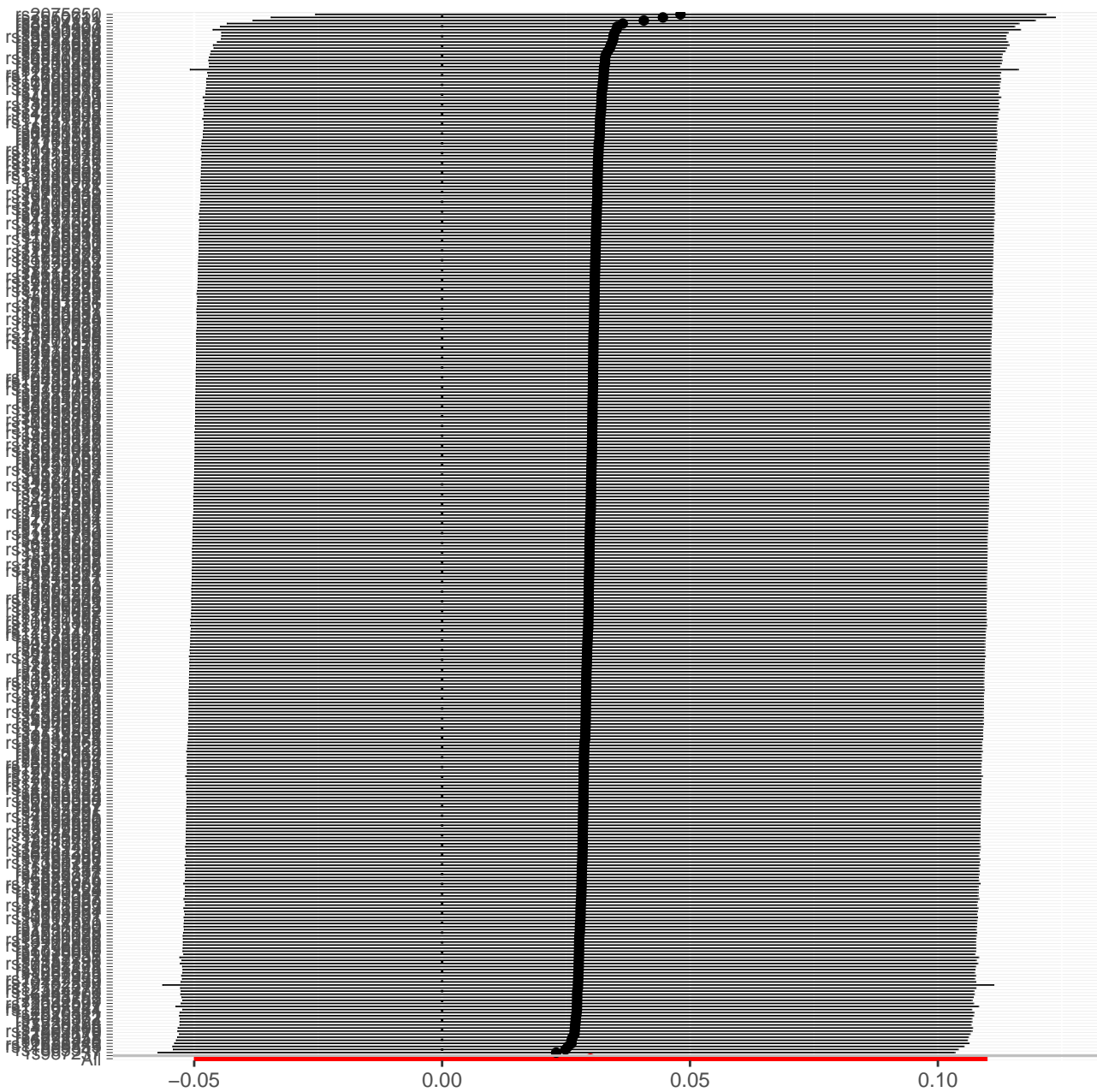
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0.2

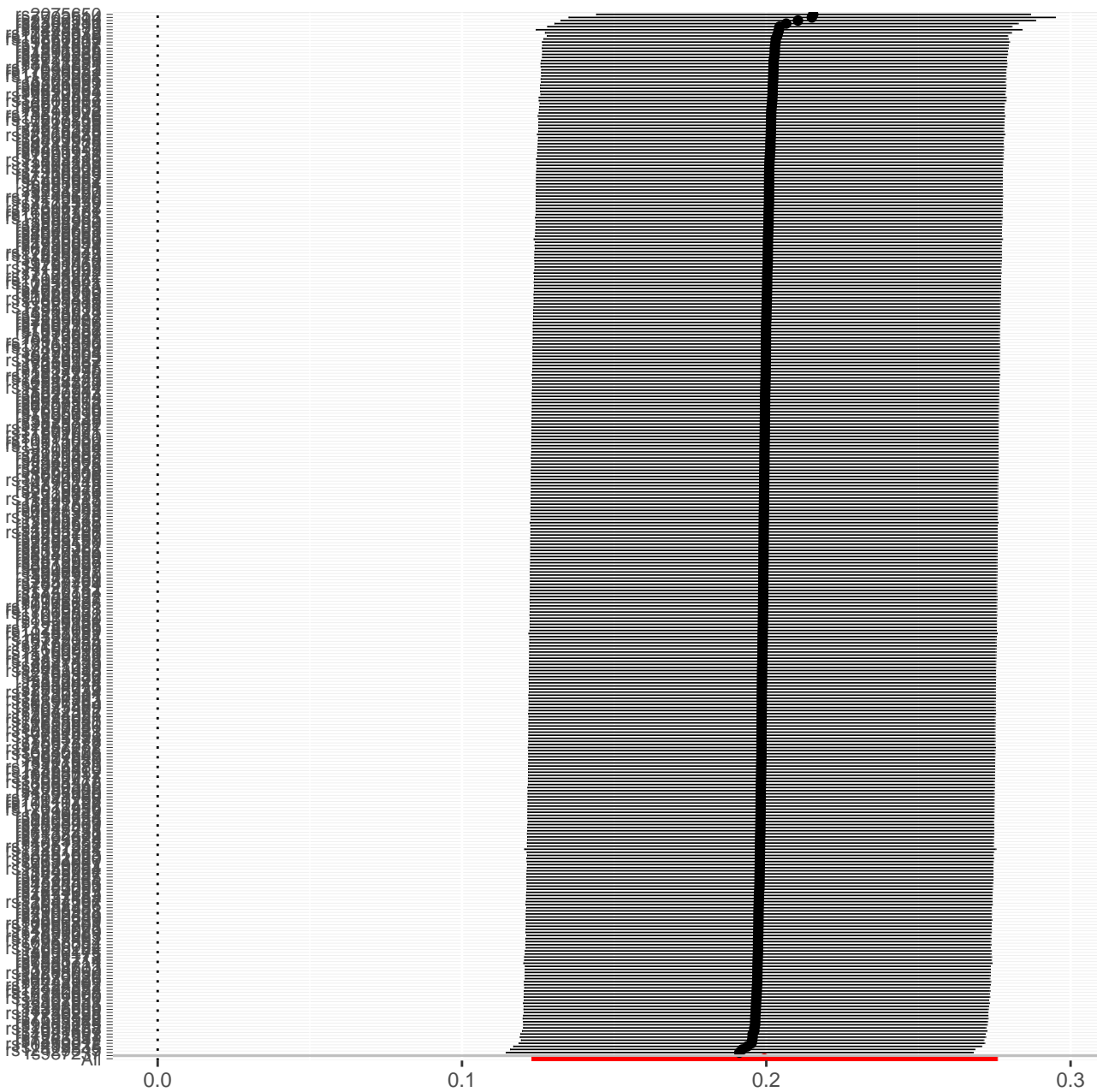
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Phospholipids in small VLDL || id:931'

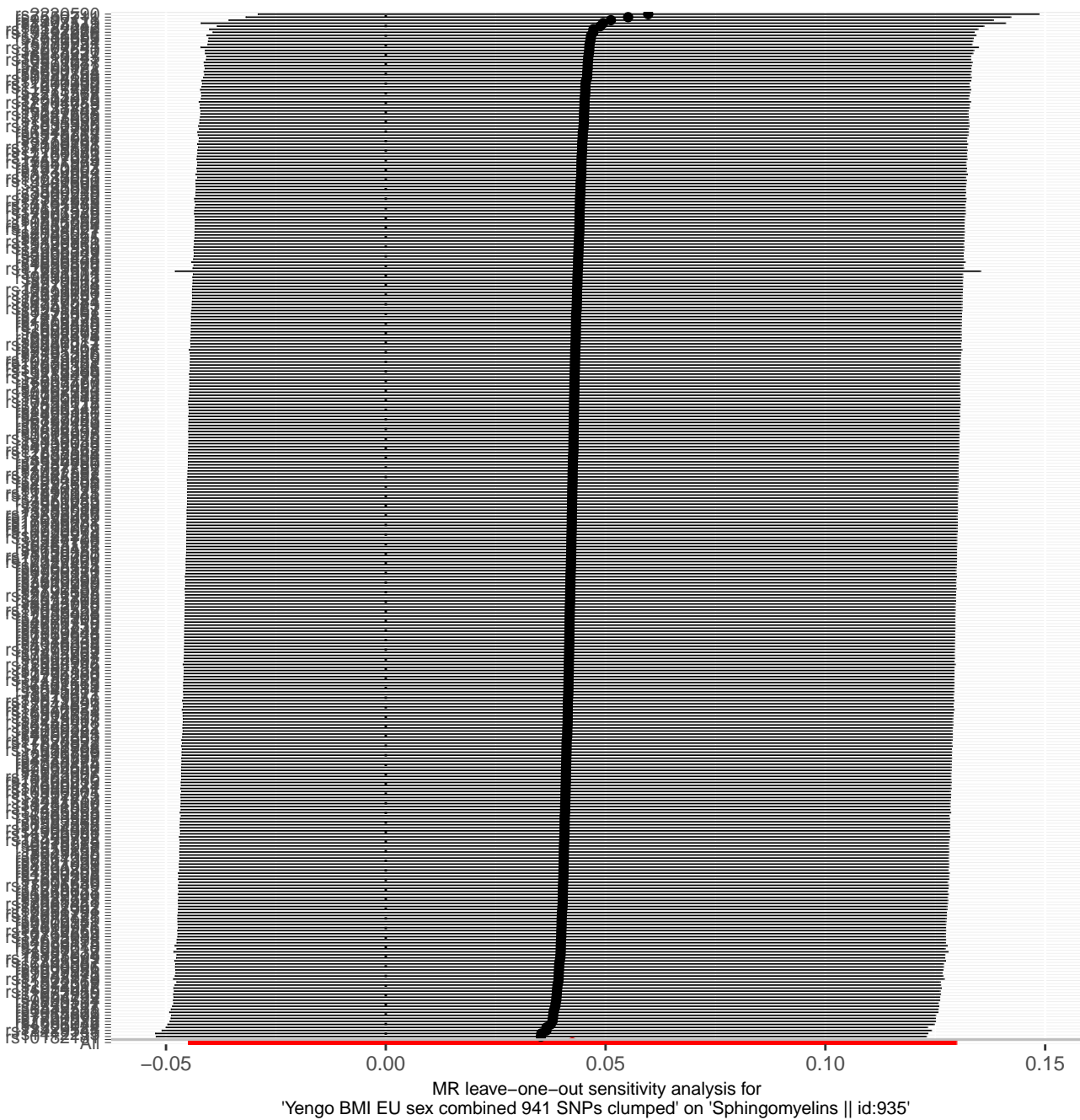


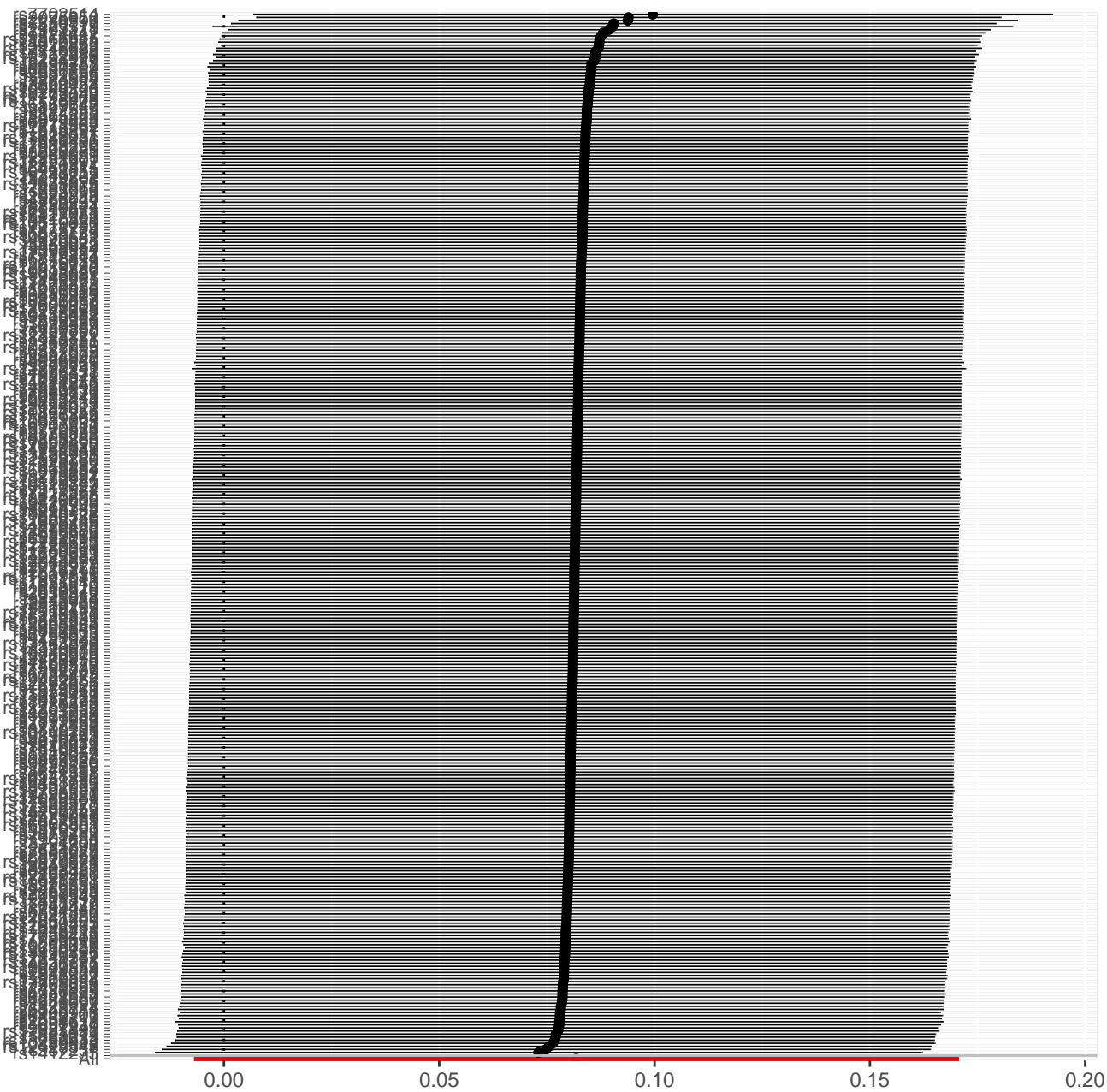
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Triglycerides in small VLDL || id:932'

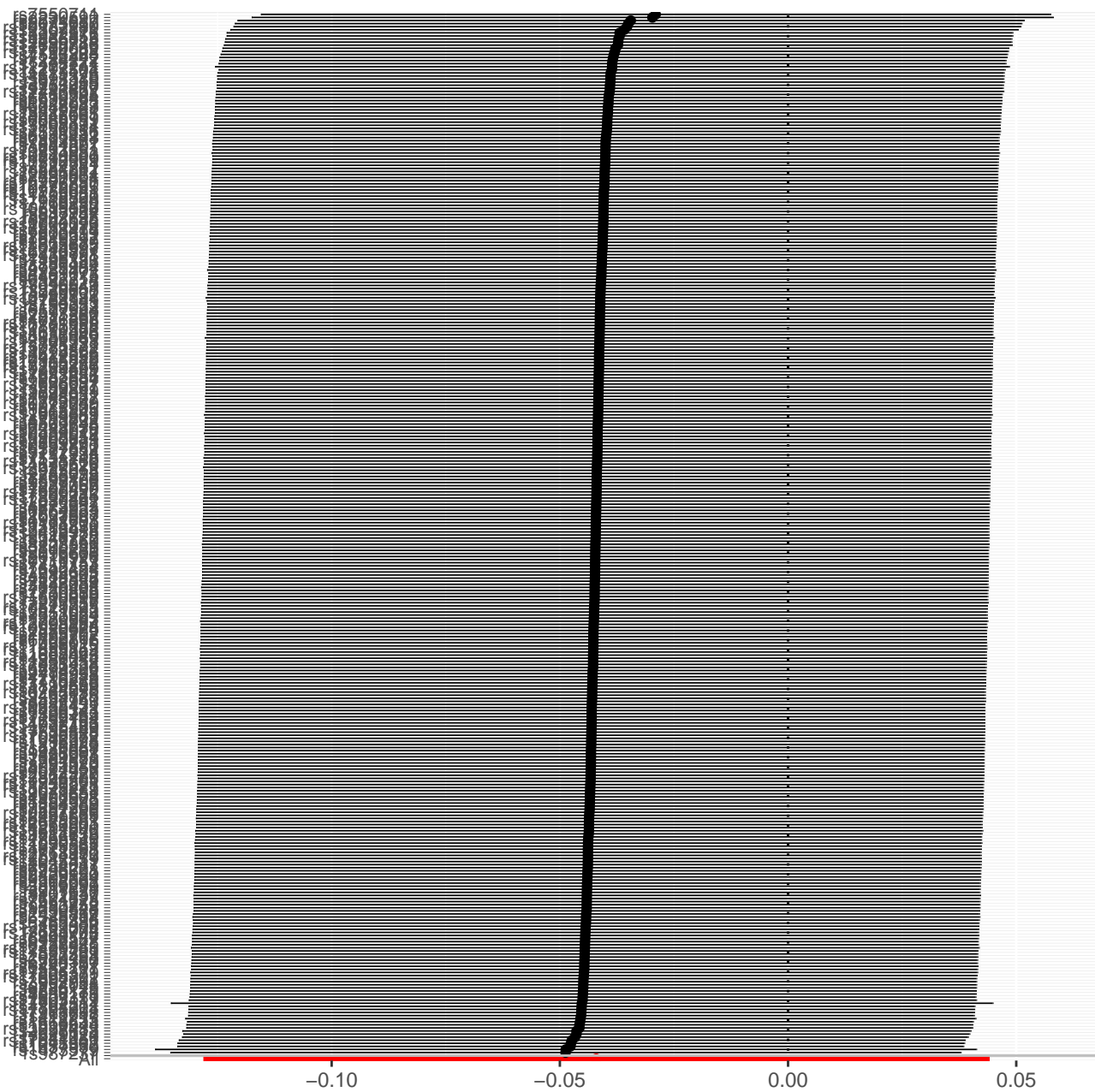


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Serum total cholesterol || id:933'

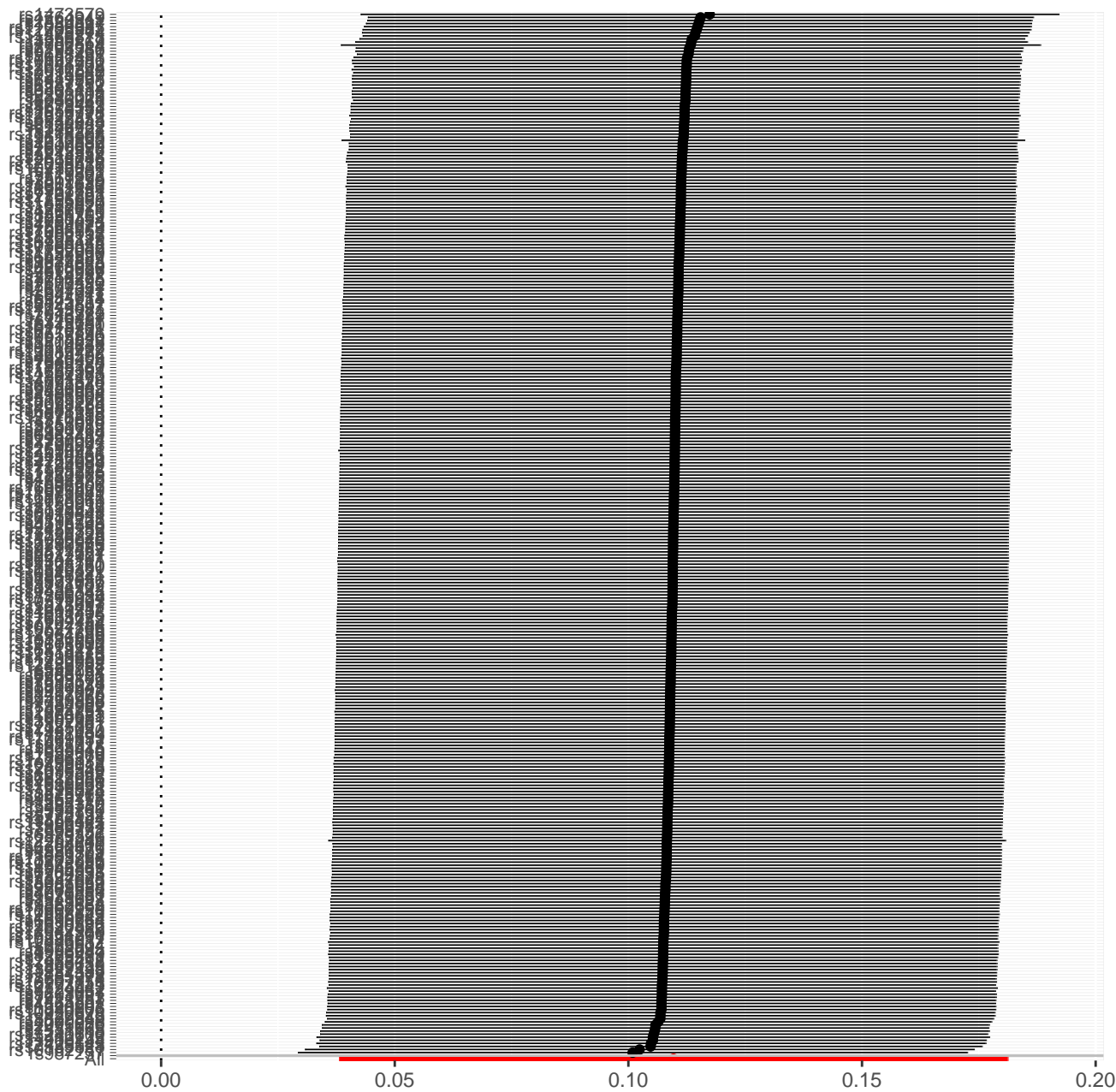




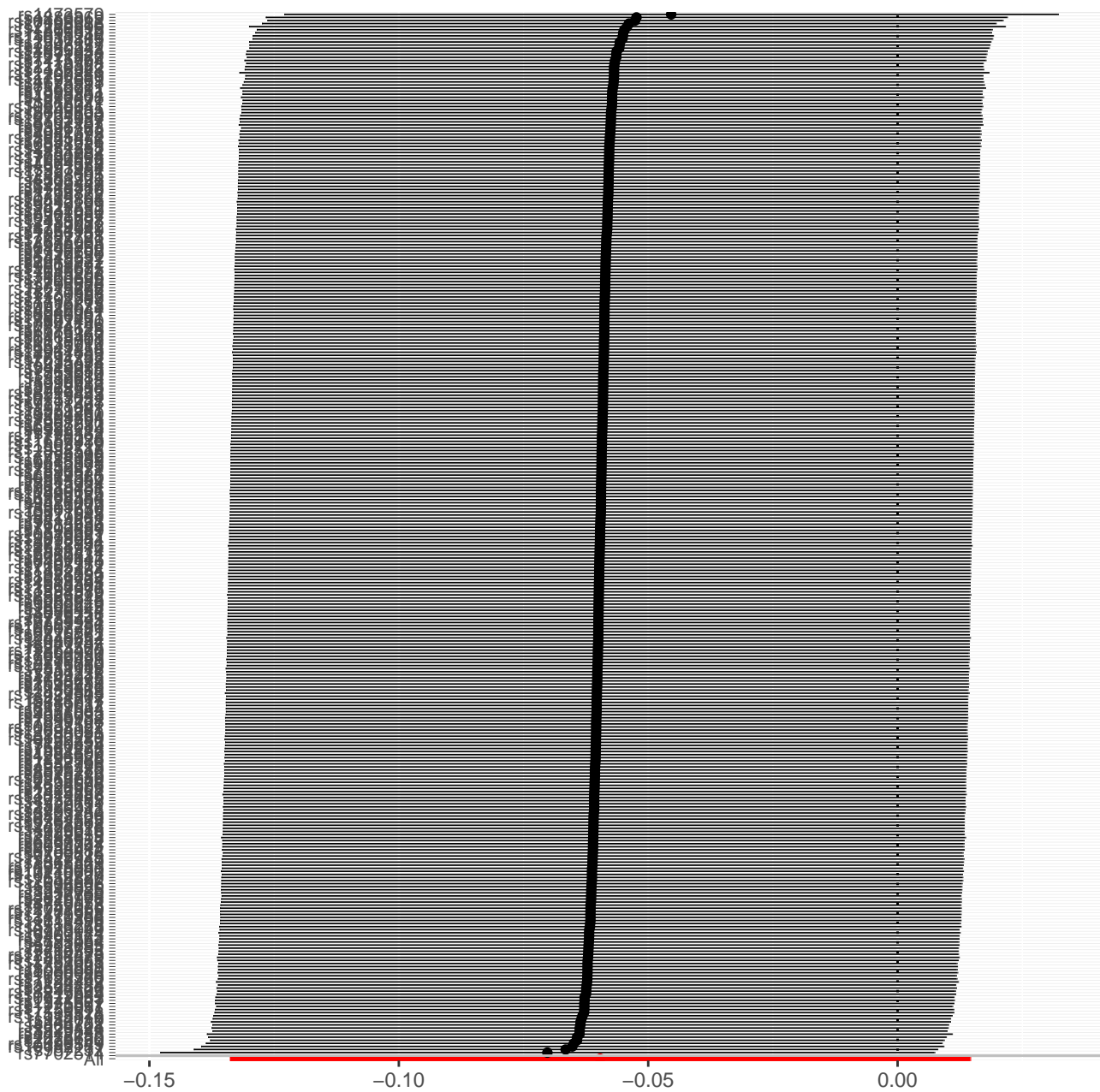


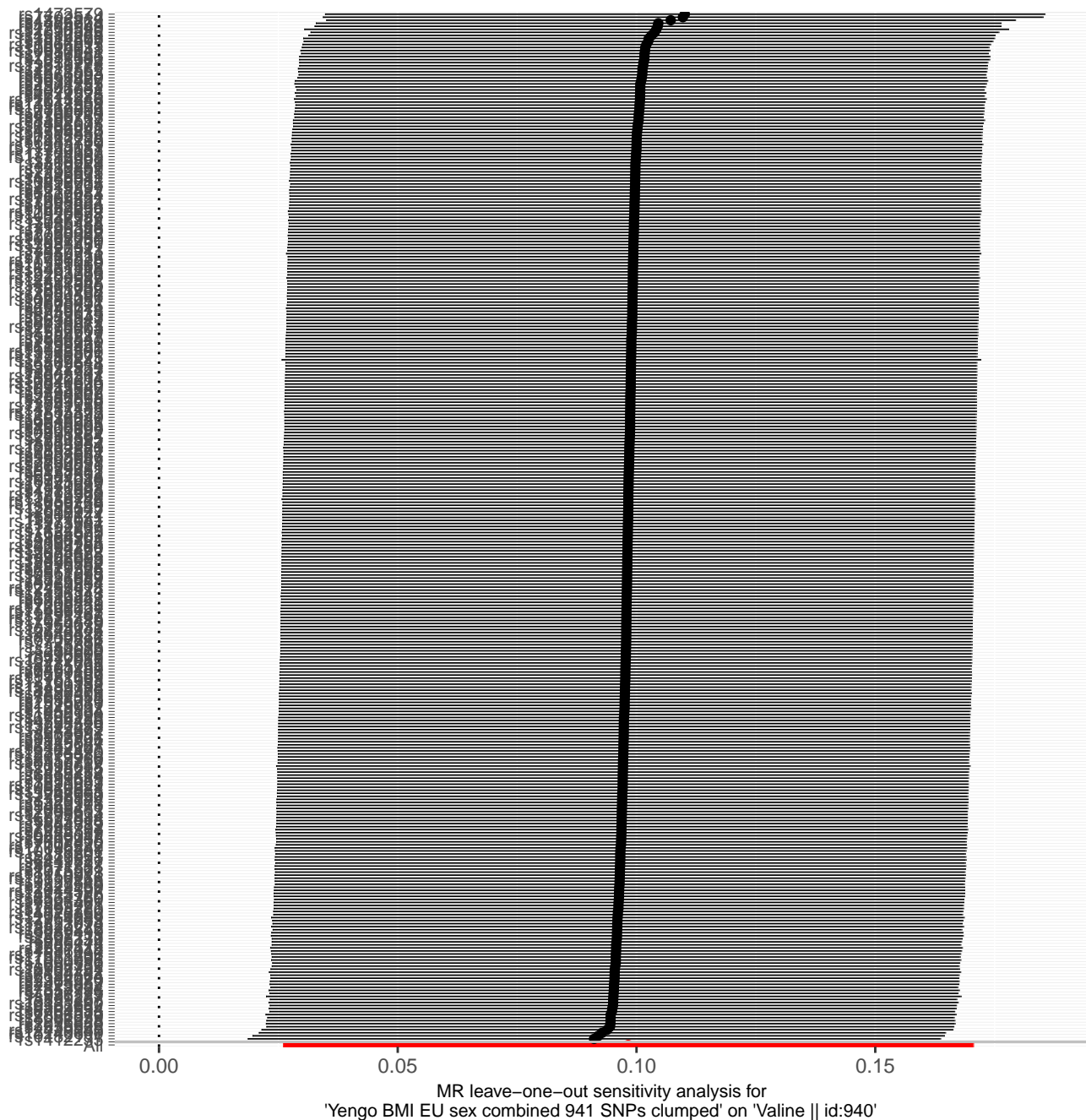


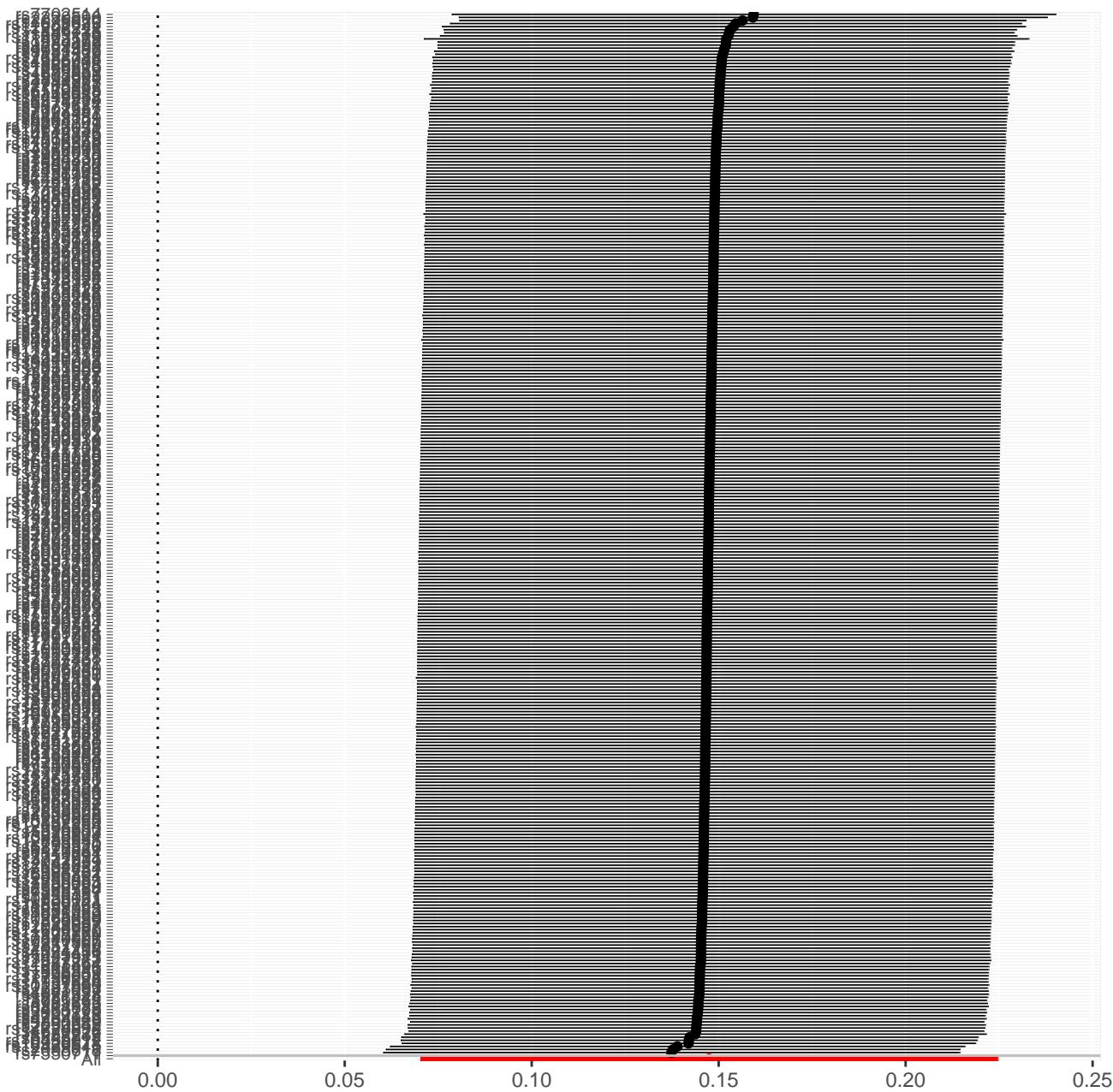
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total phosphoglycerides || id:937'



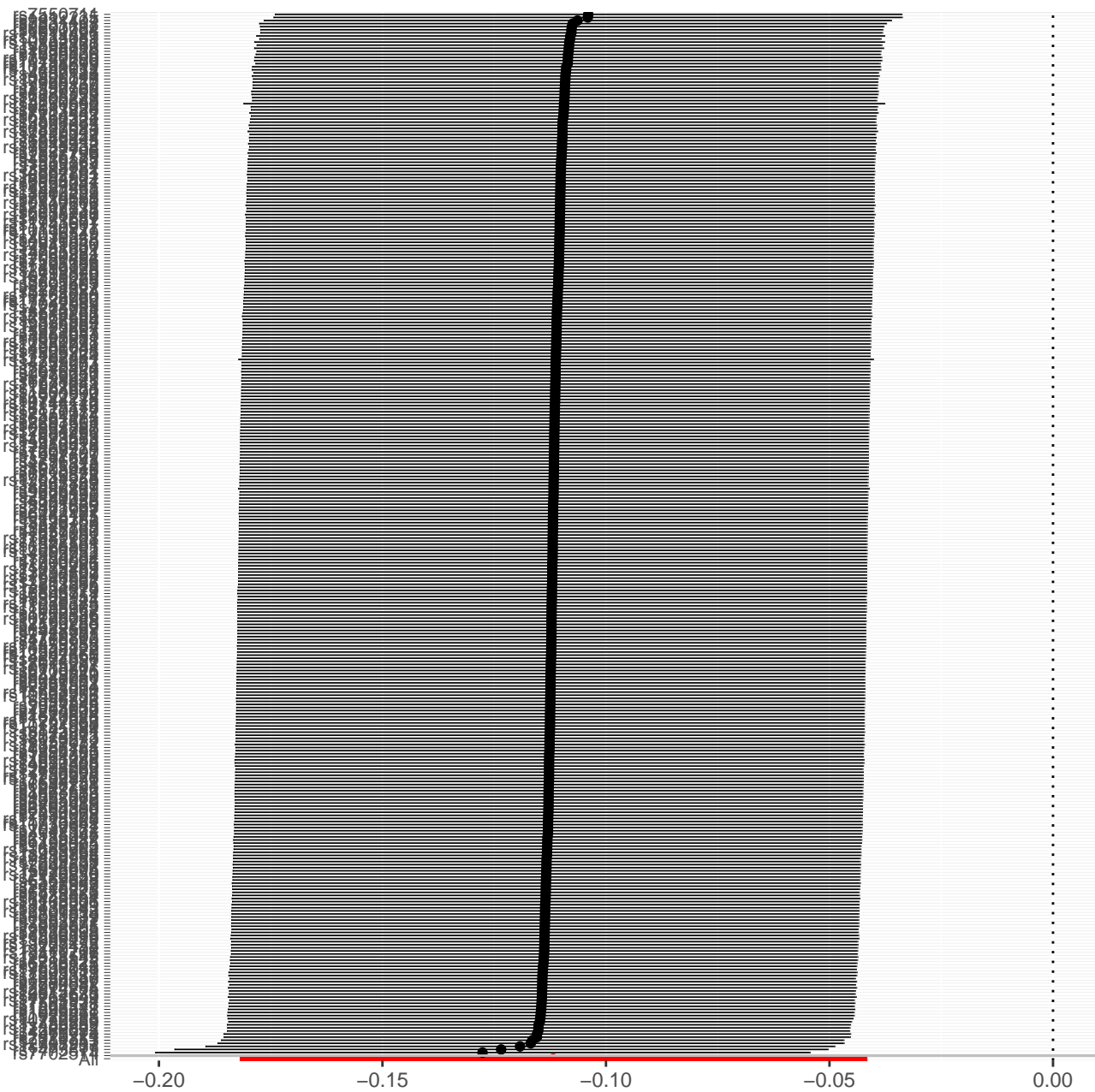
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Tyrosine || id:938'



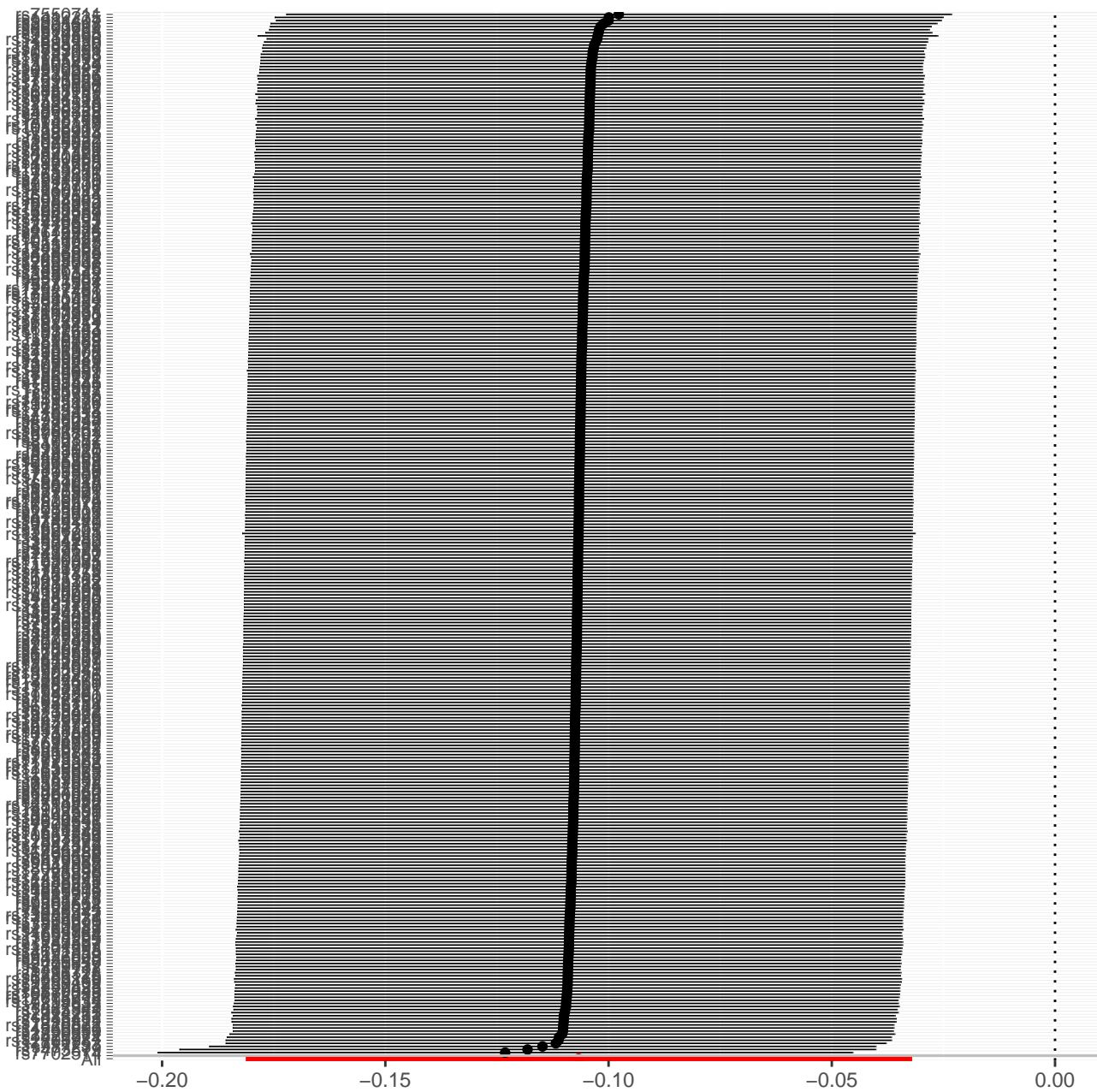


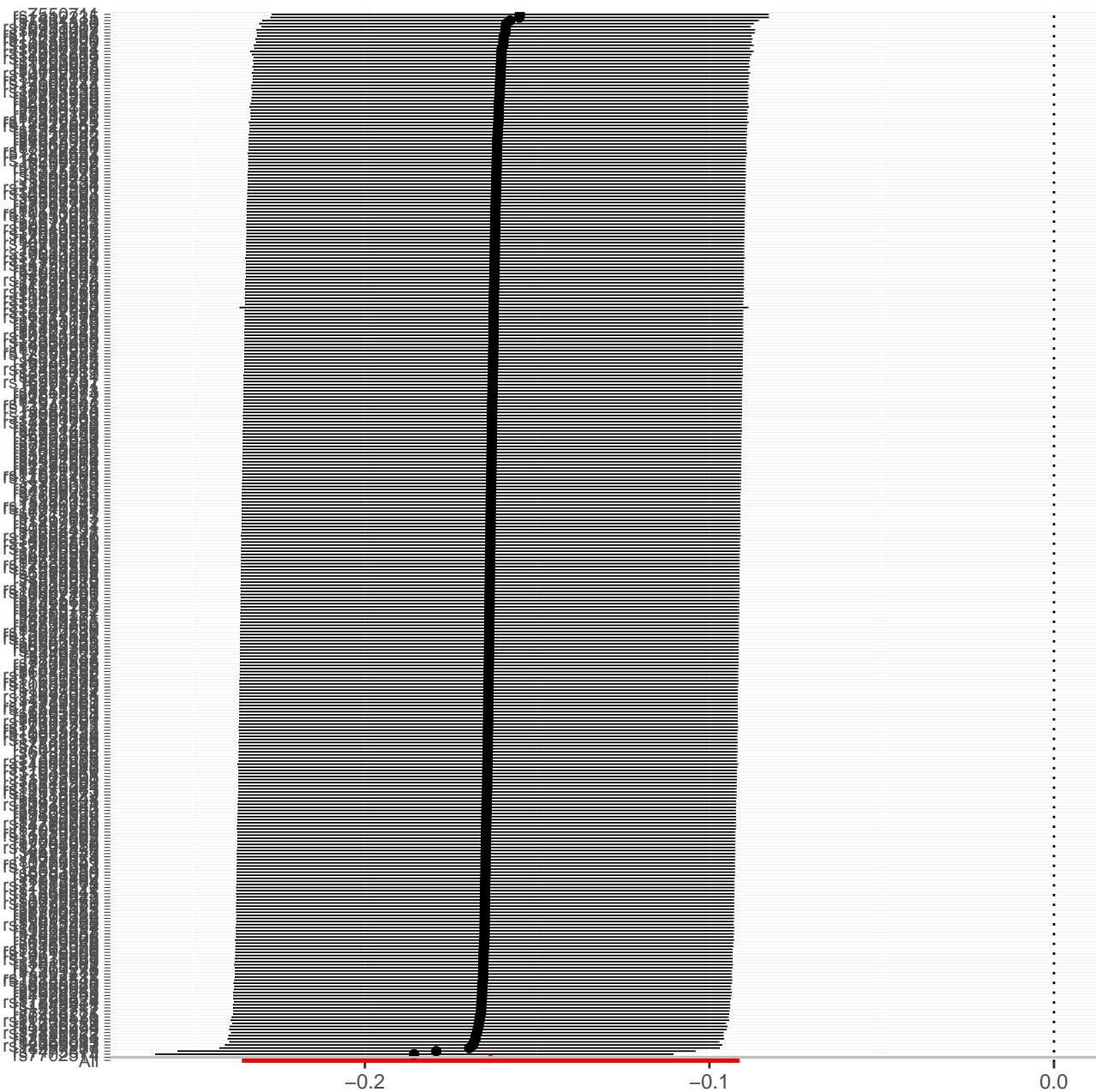


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Mean diameter for VLDL particles || id:941'

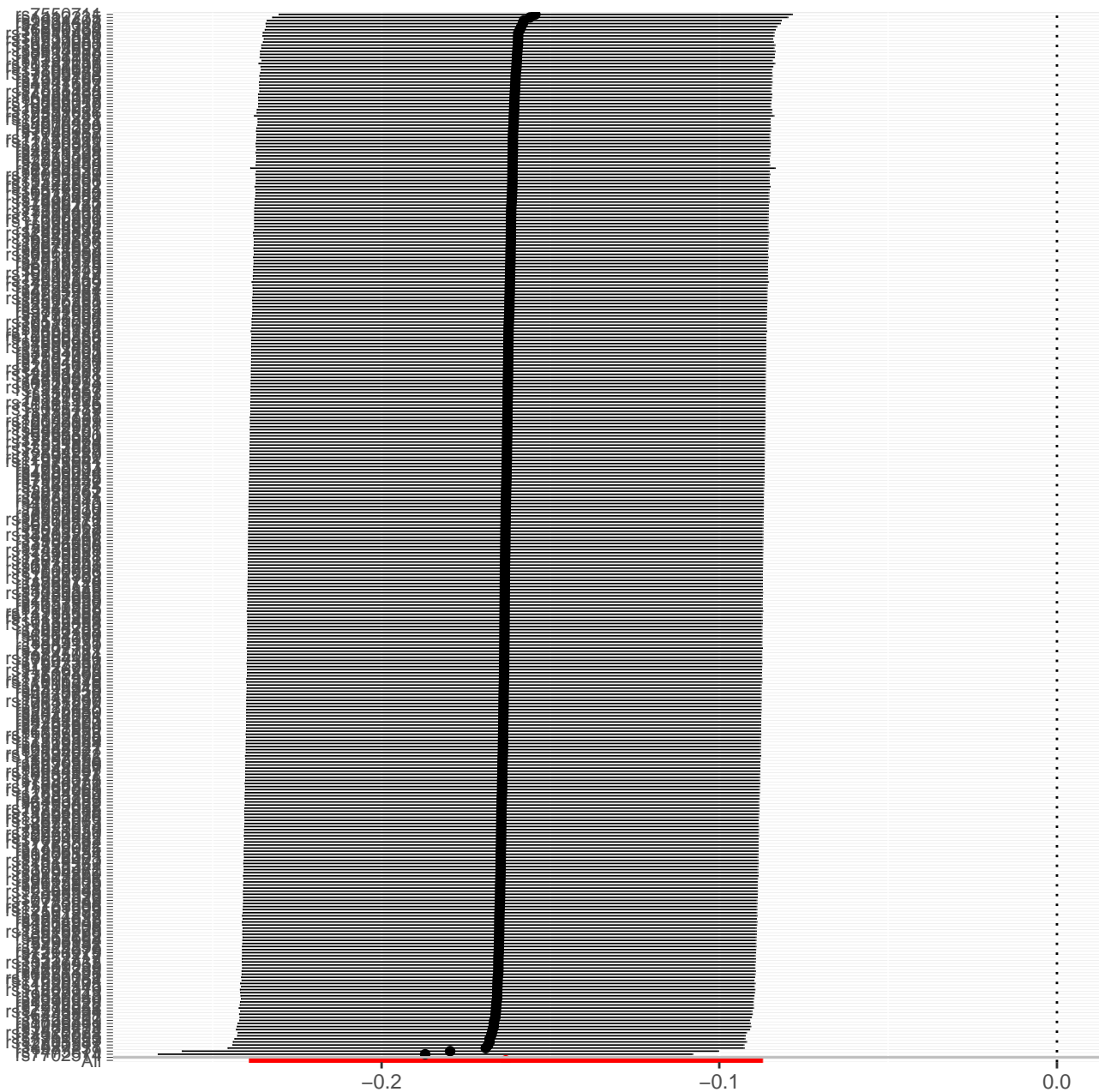


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total cholesterol in very large HDL || id:942'

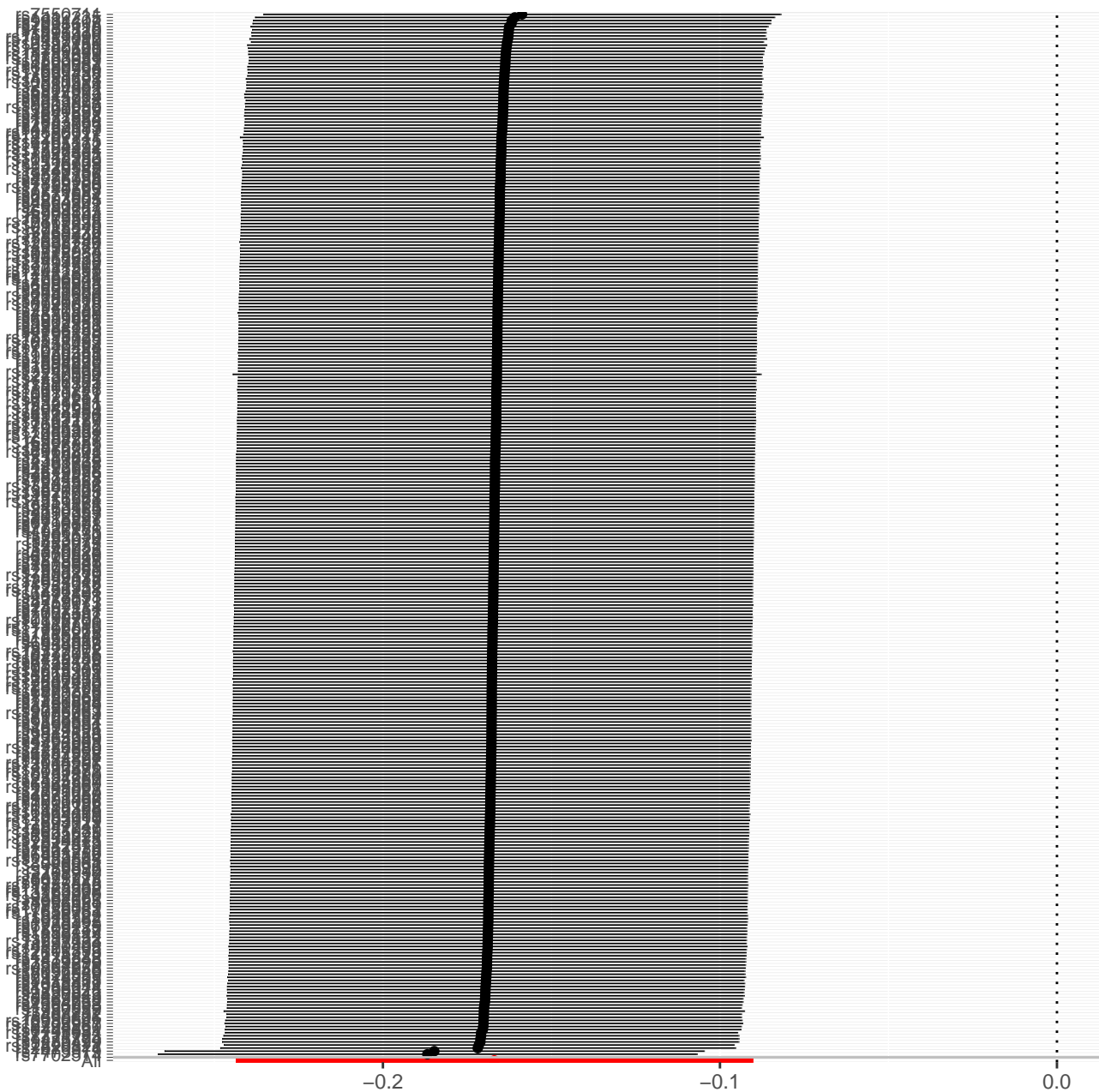




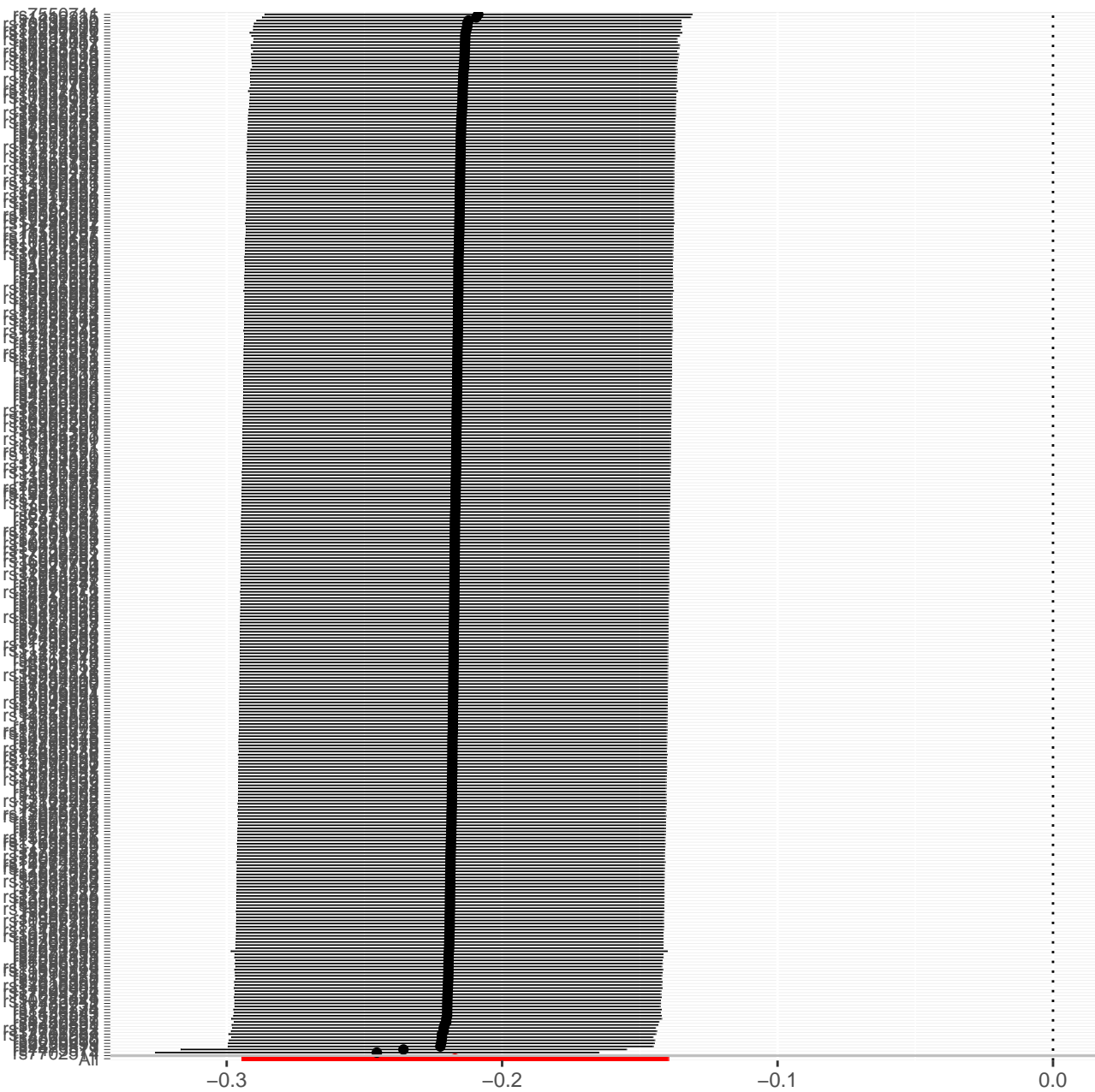
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Free cholesterol in very large HDL || id:944'



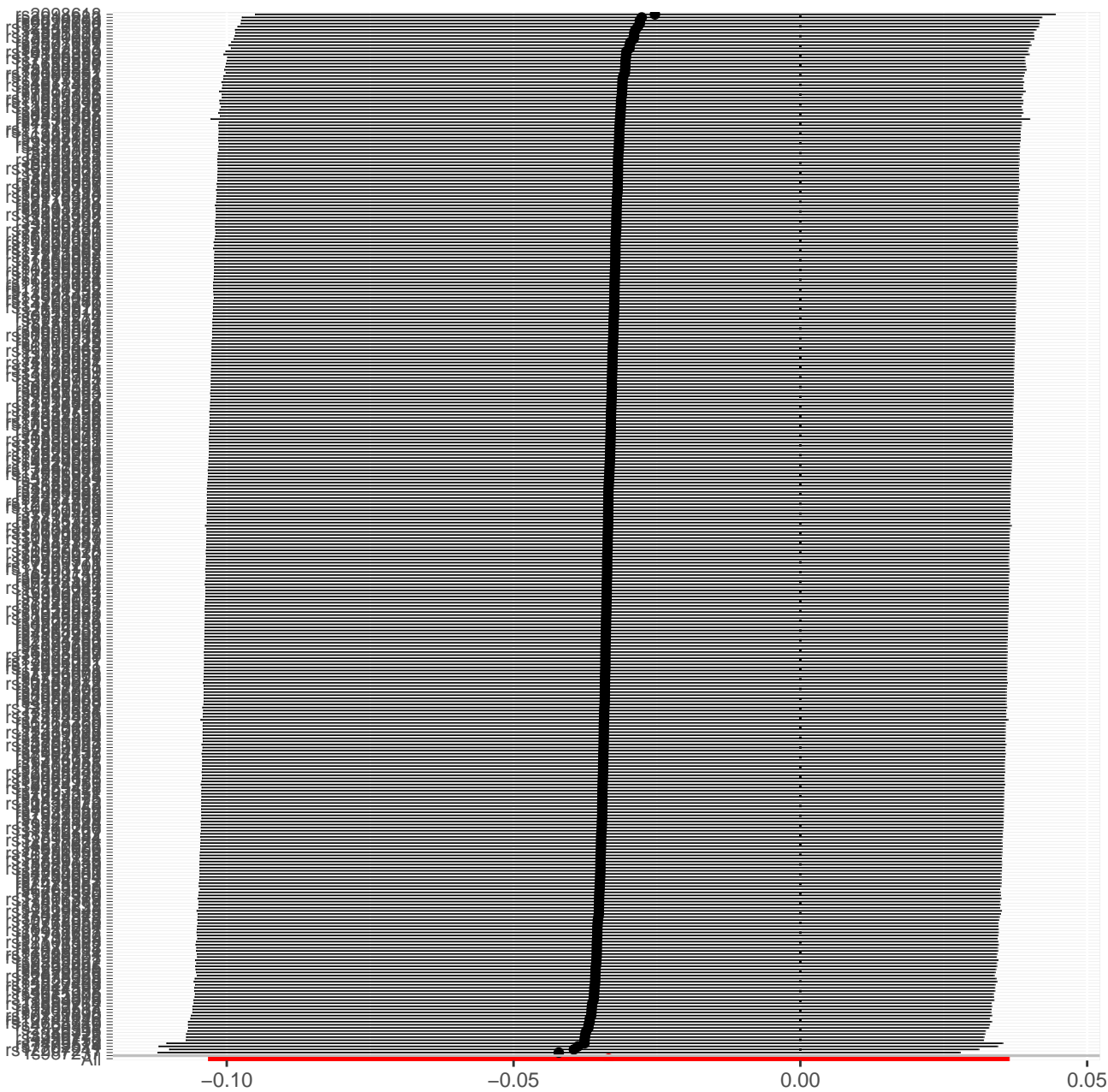
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total lipids in very large HDL || id:945'

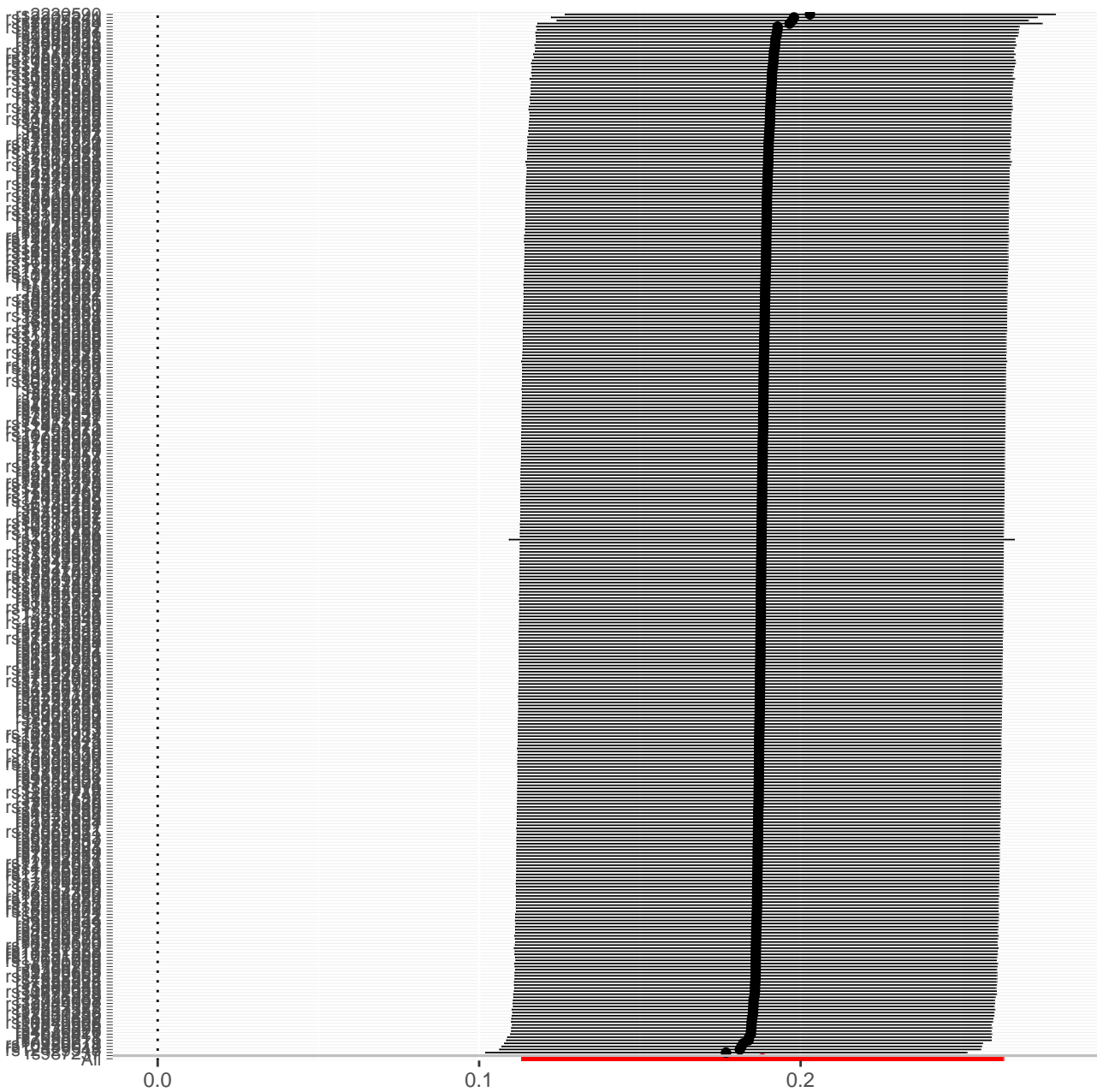


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of very large HDL particles || id:946'

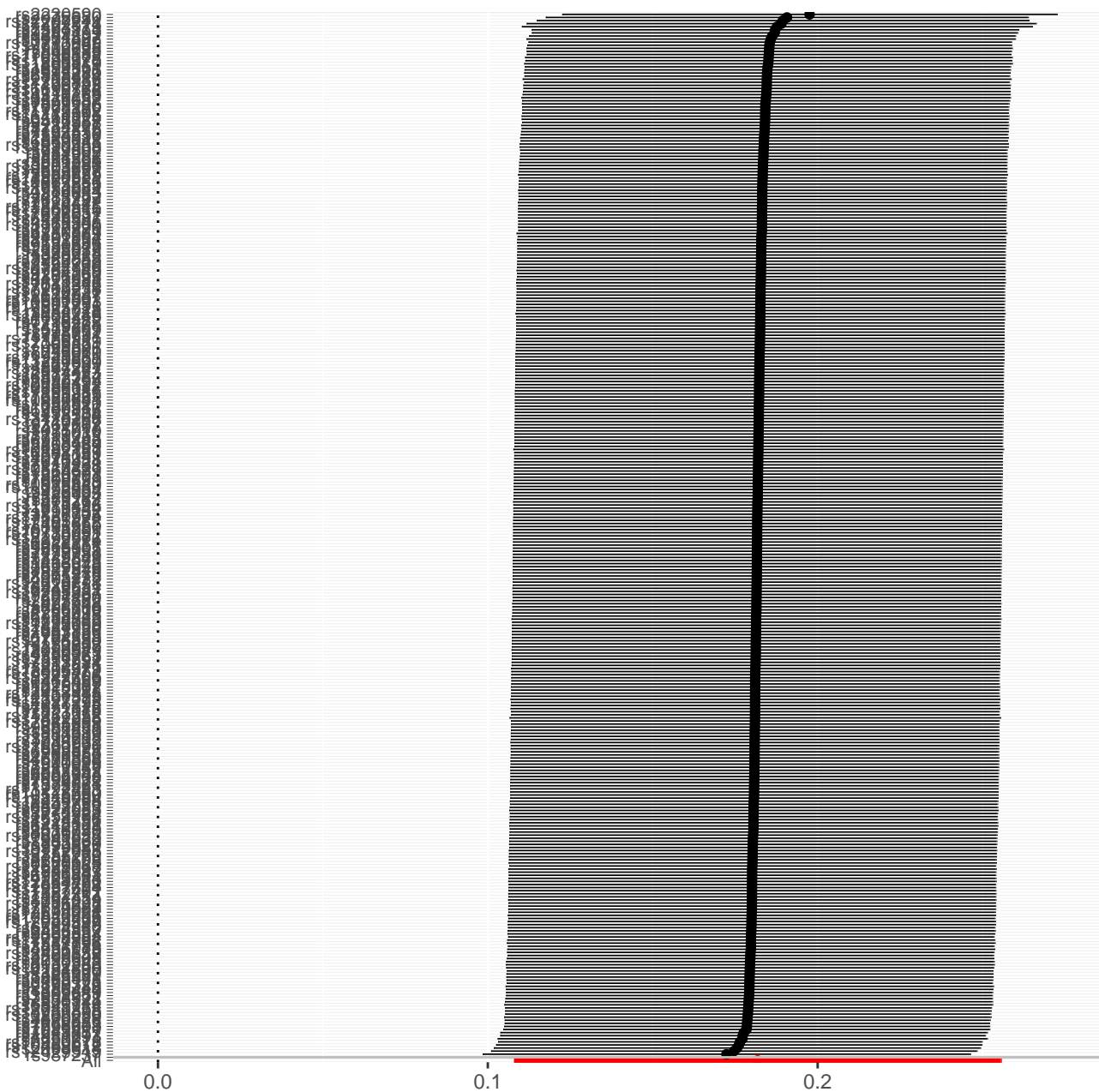


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Phospholipids in very large HDL || id:947'

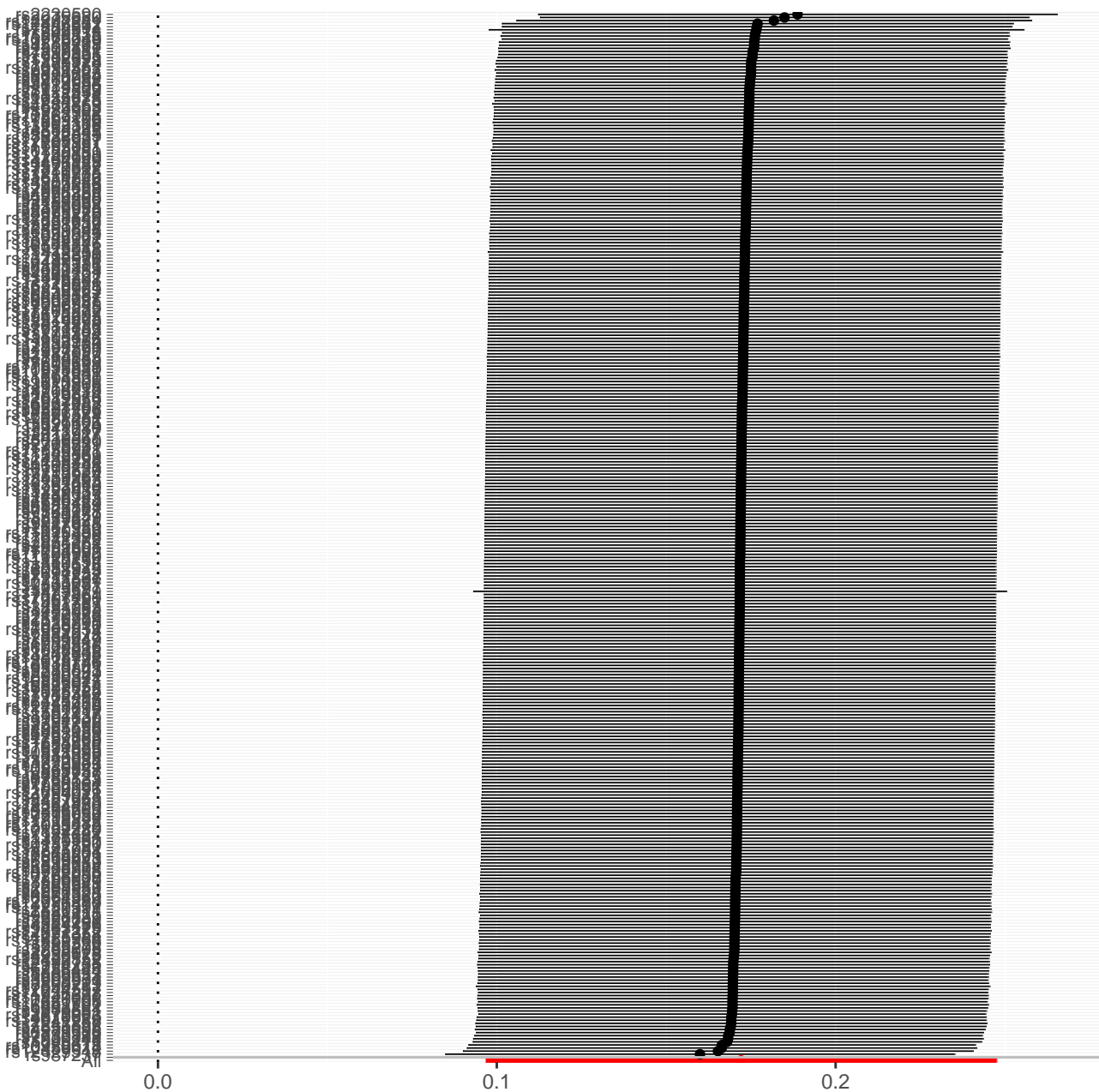




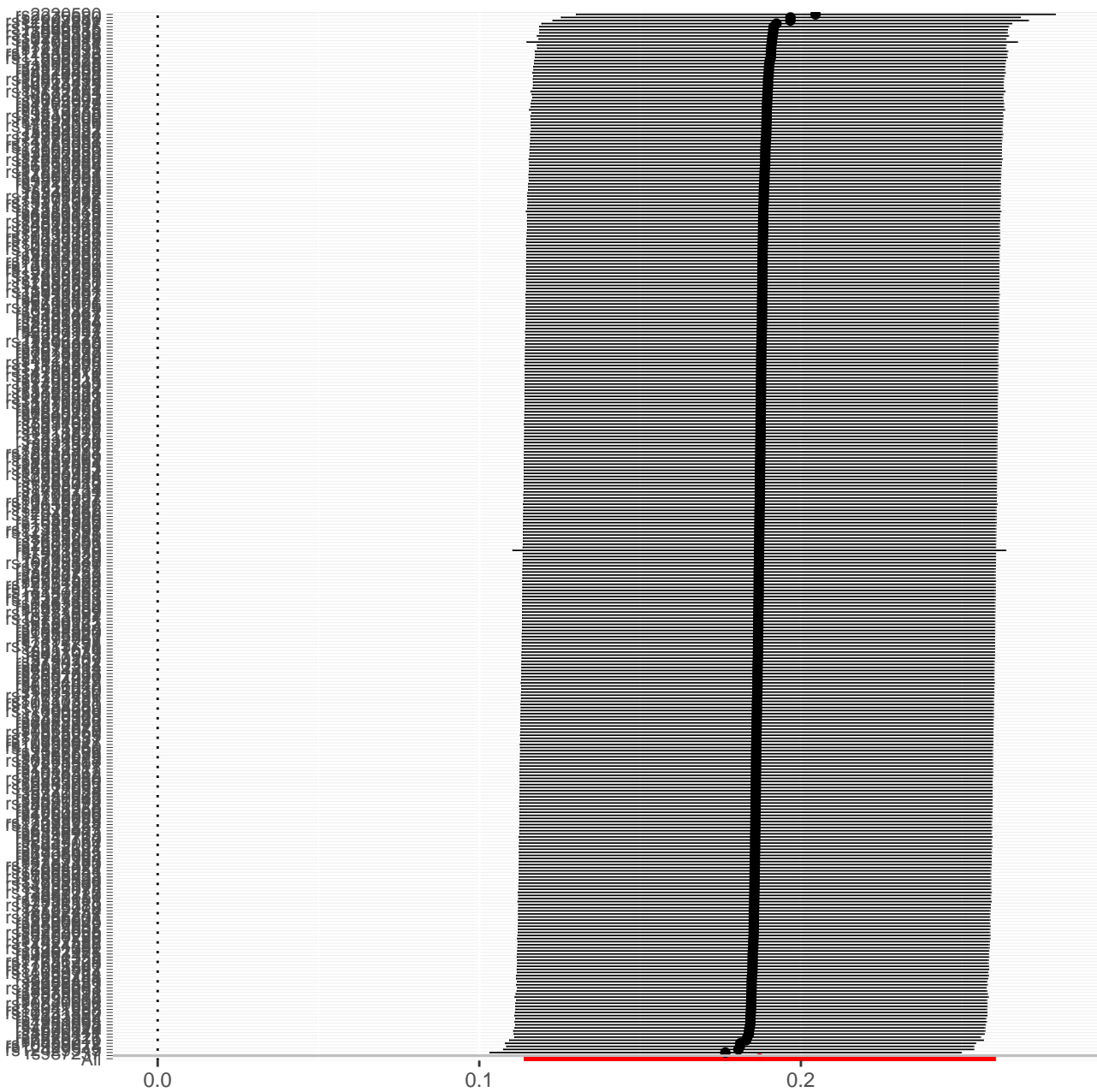
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total lipids in very large VLDL || id:949'

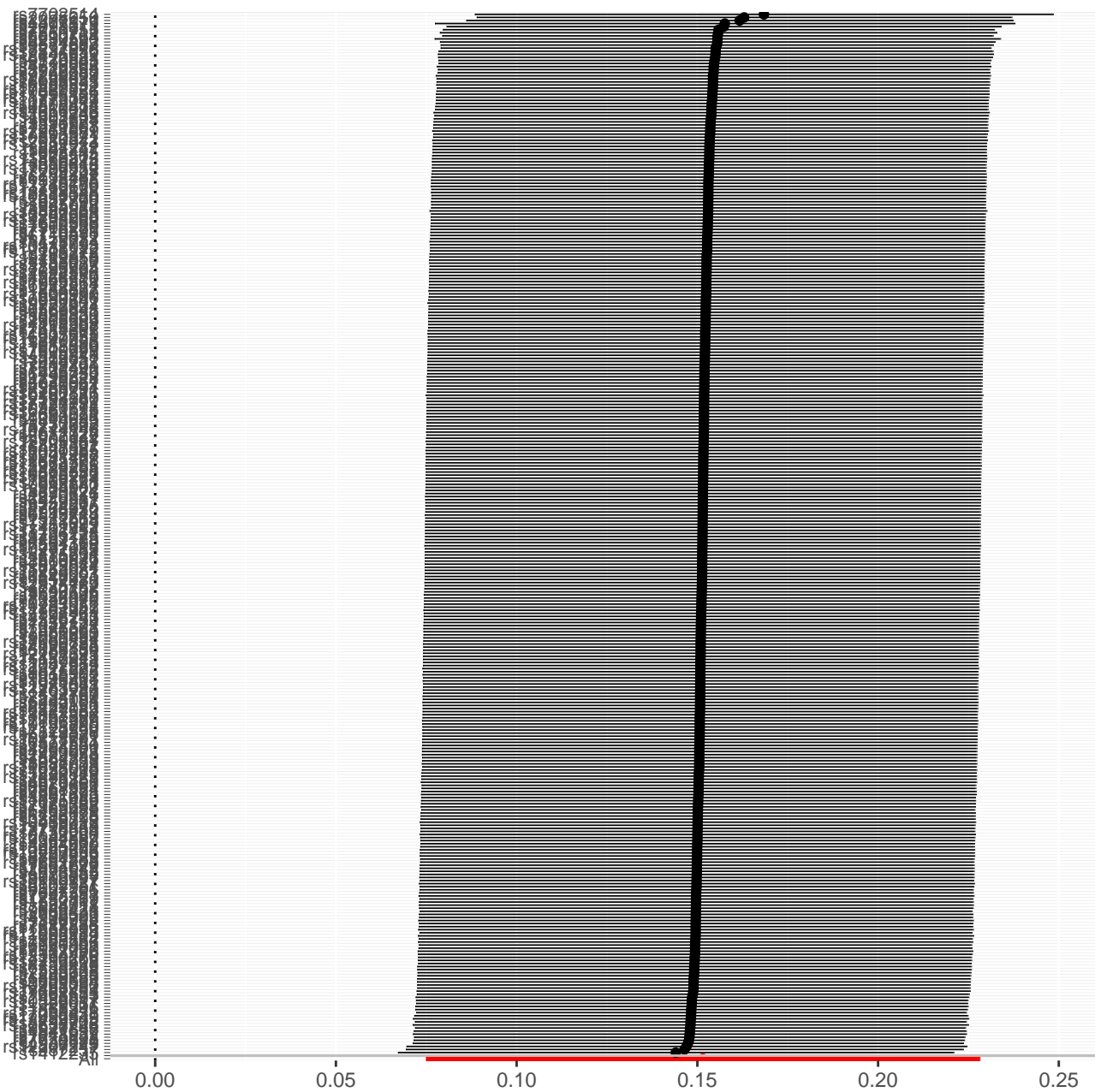


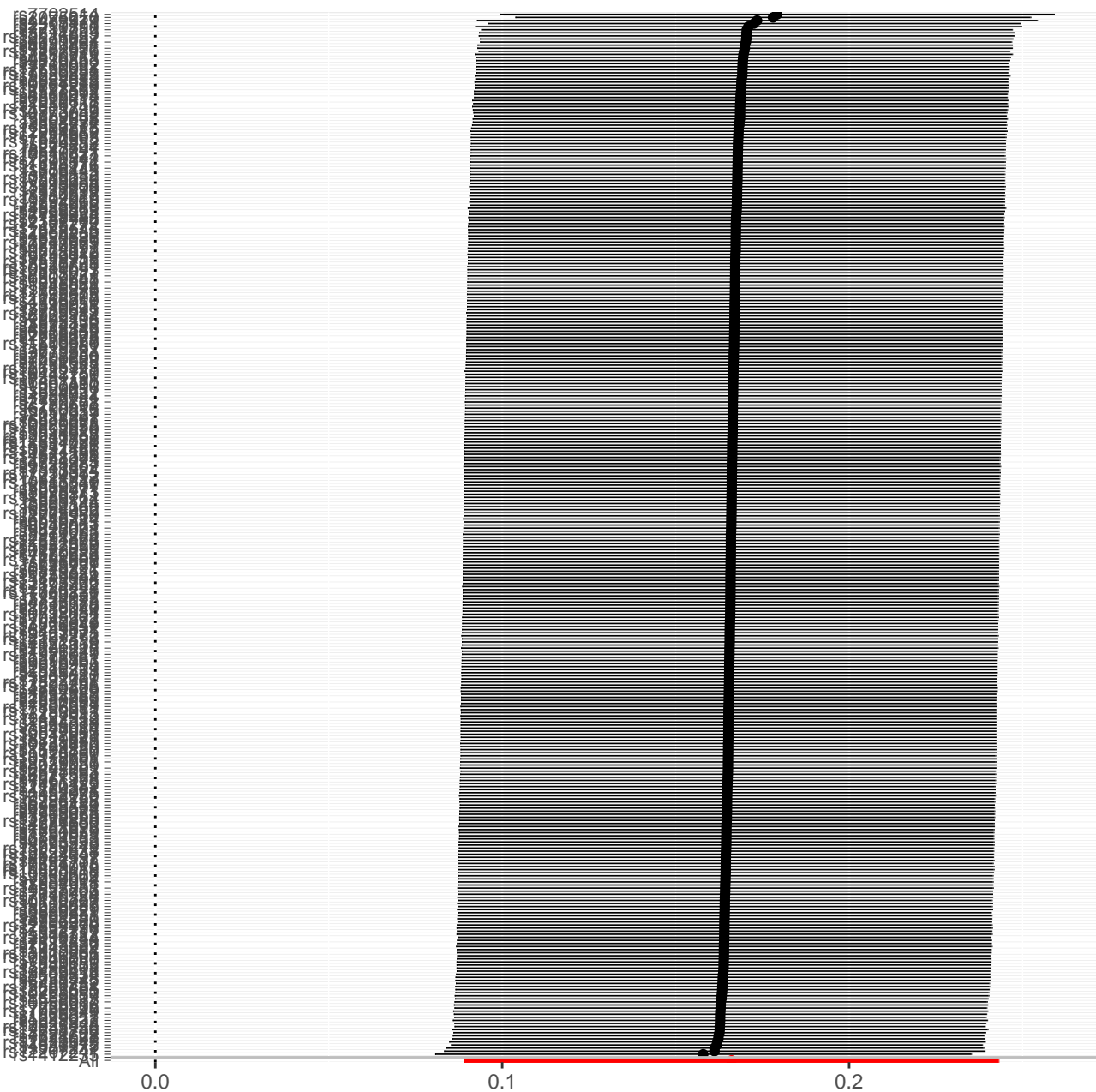
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of very large VLDL particles || id:950'



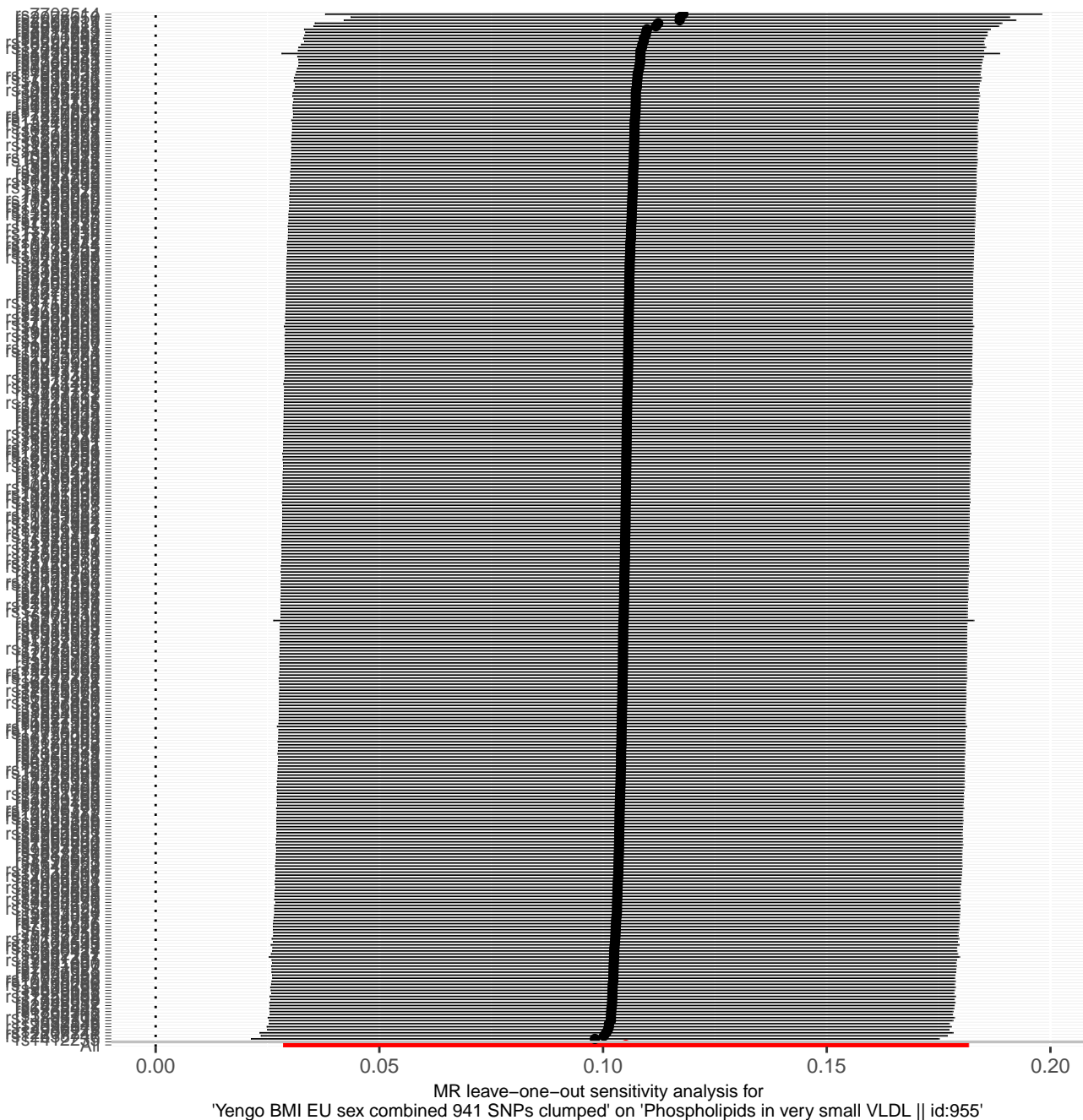
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Phospholipids in very large VLDL || id:951'

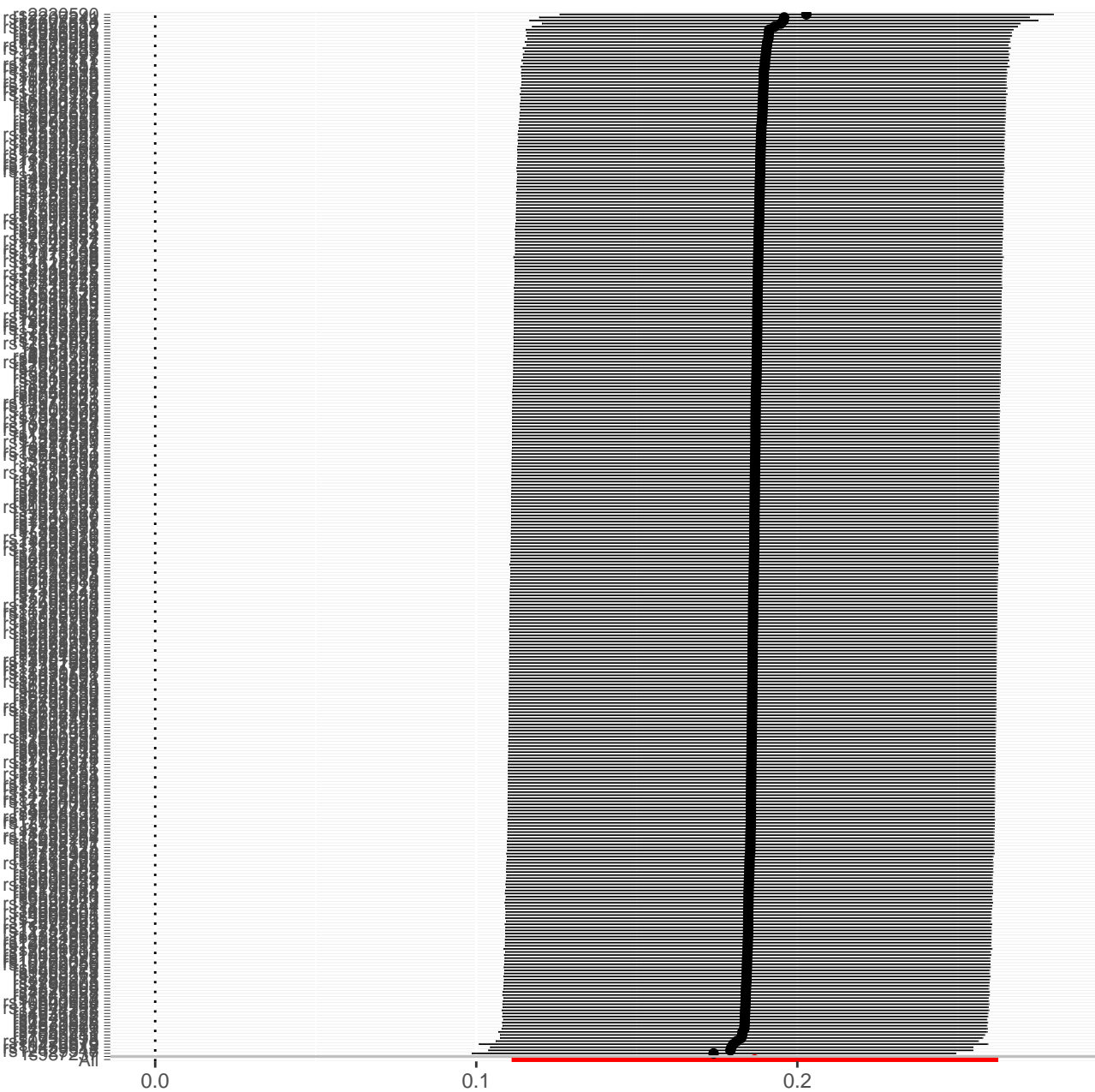




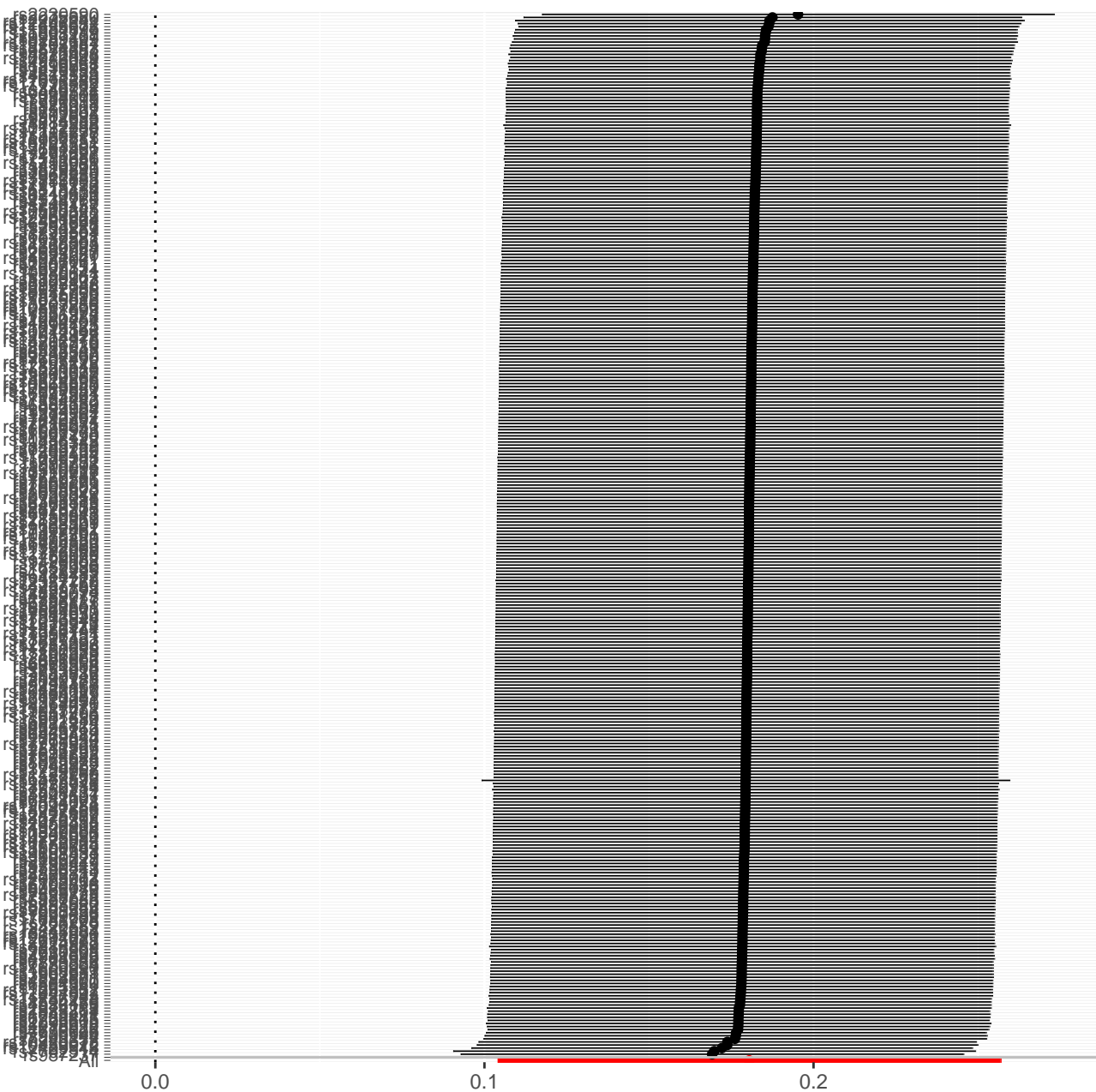


MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of very small VLDL particles || id:954'

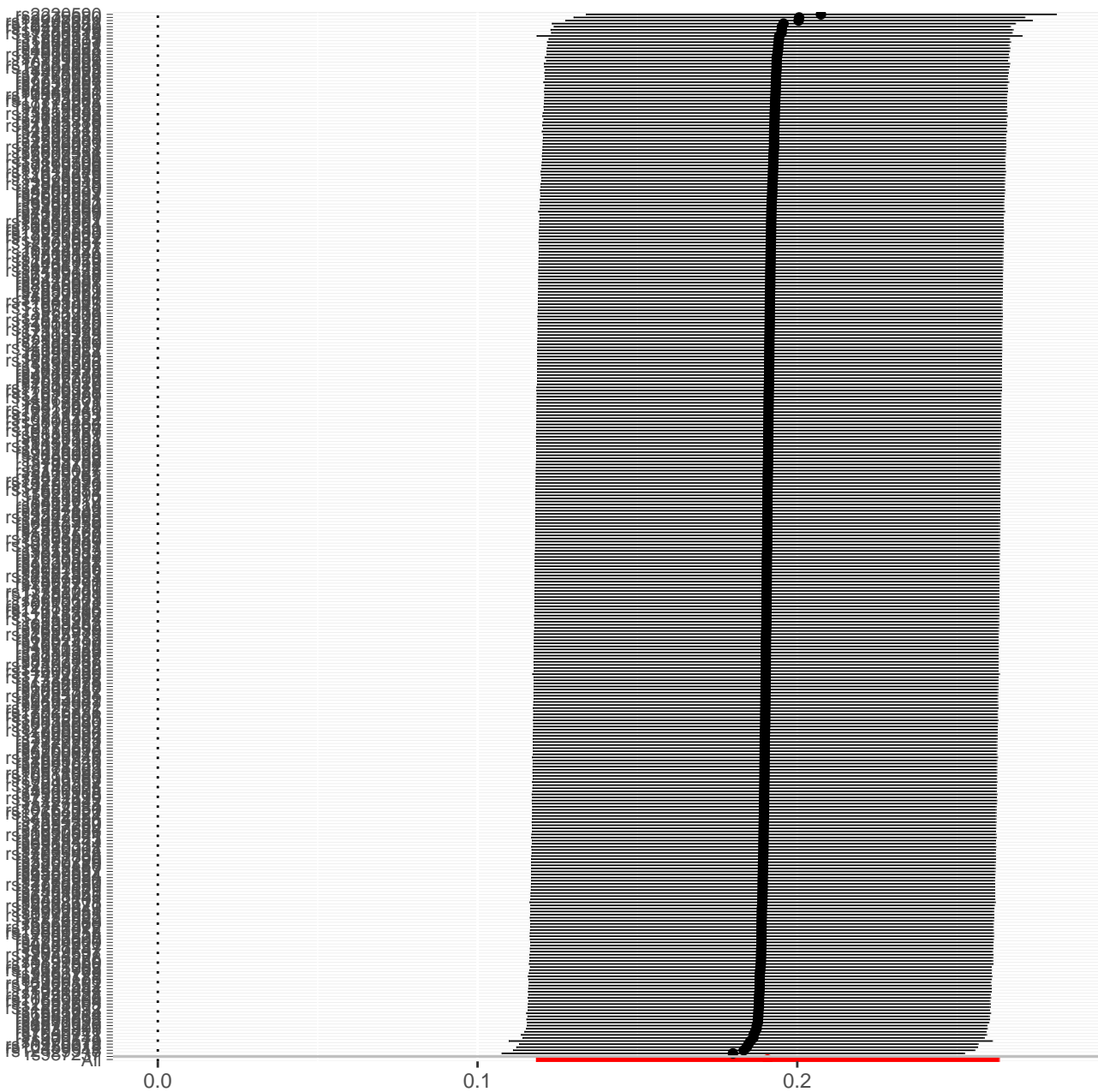




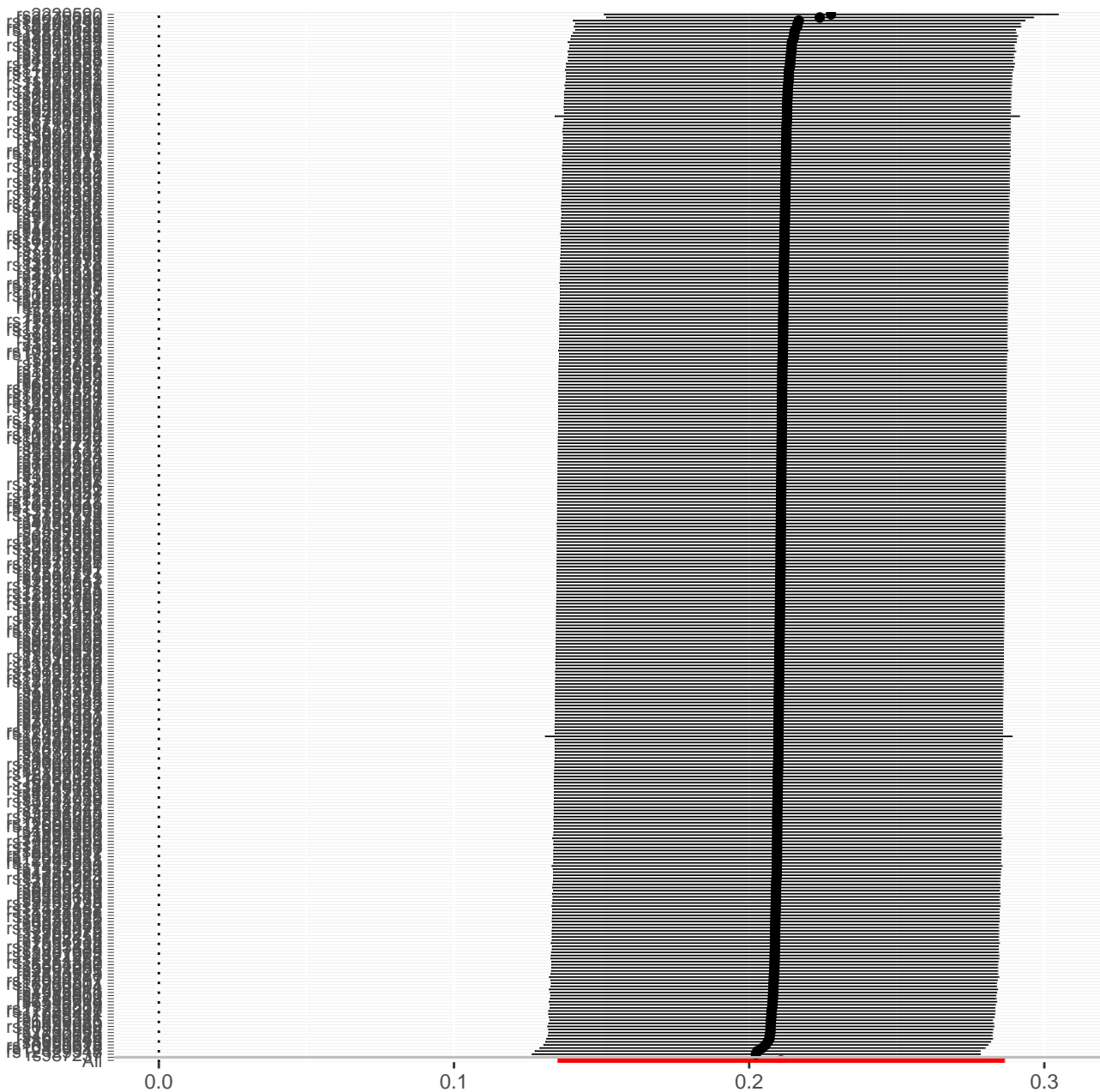
MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Total lipids in chylomicrons and largest VLDL particles || id:957'



MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Concentration of chylomicrons and largest VLDL particles || id:958'



MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Phospholipids in chylomicrons and largest VLDL particles || id:959'



MR leave-one-out sensitivity analysis for
'Yengo BMI EU sex combined 941 SNPs clumped' on 'Triglycerides in chylomicrons and largest VLDL particles || id:960'