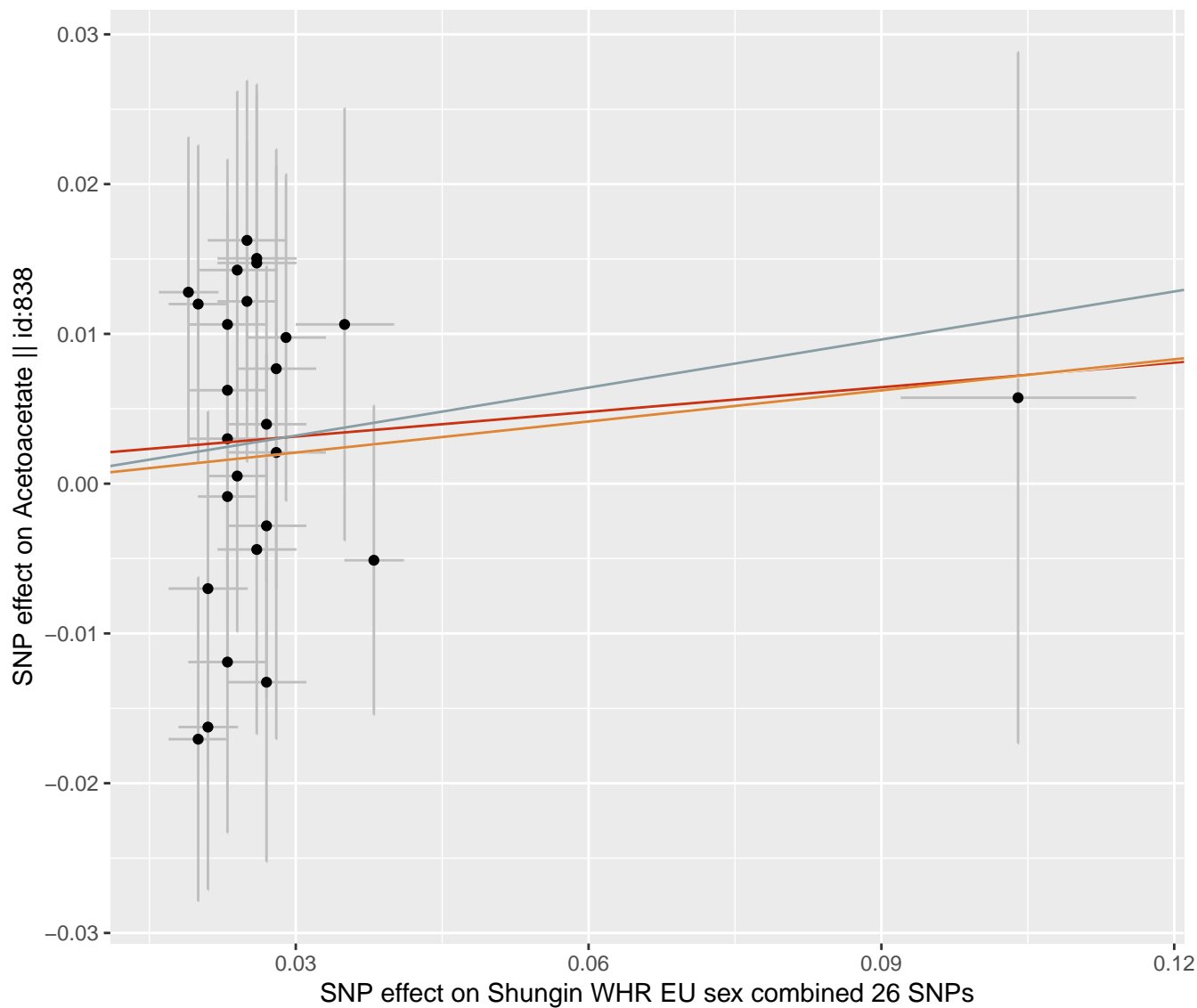


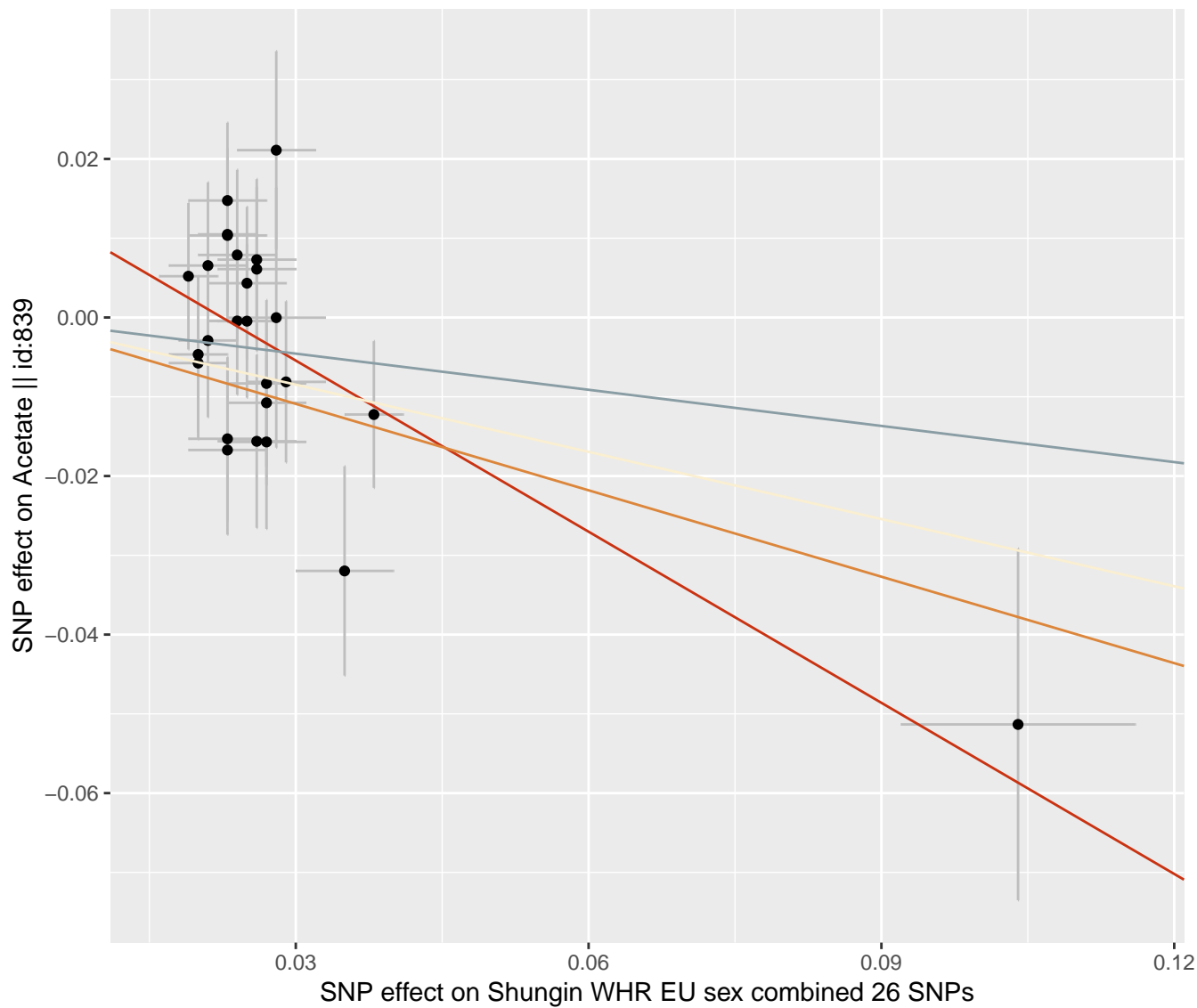
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



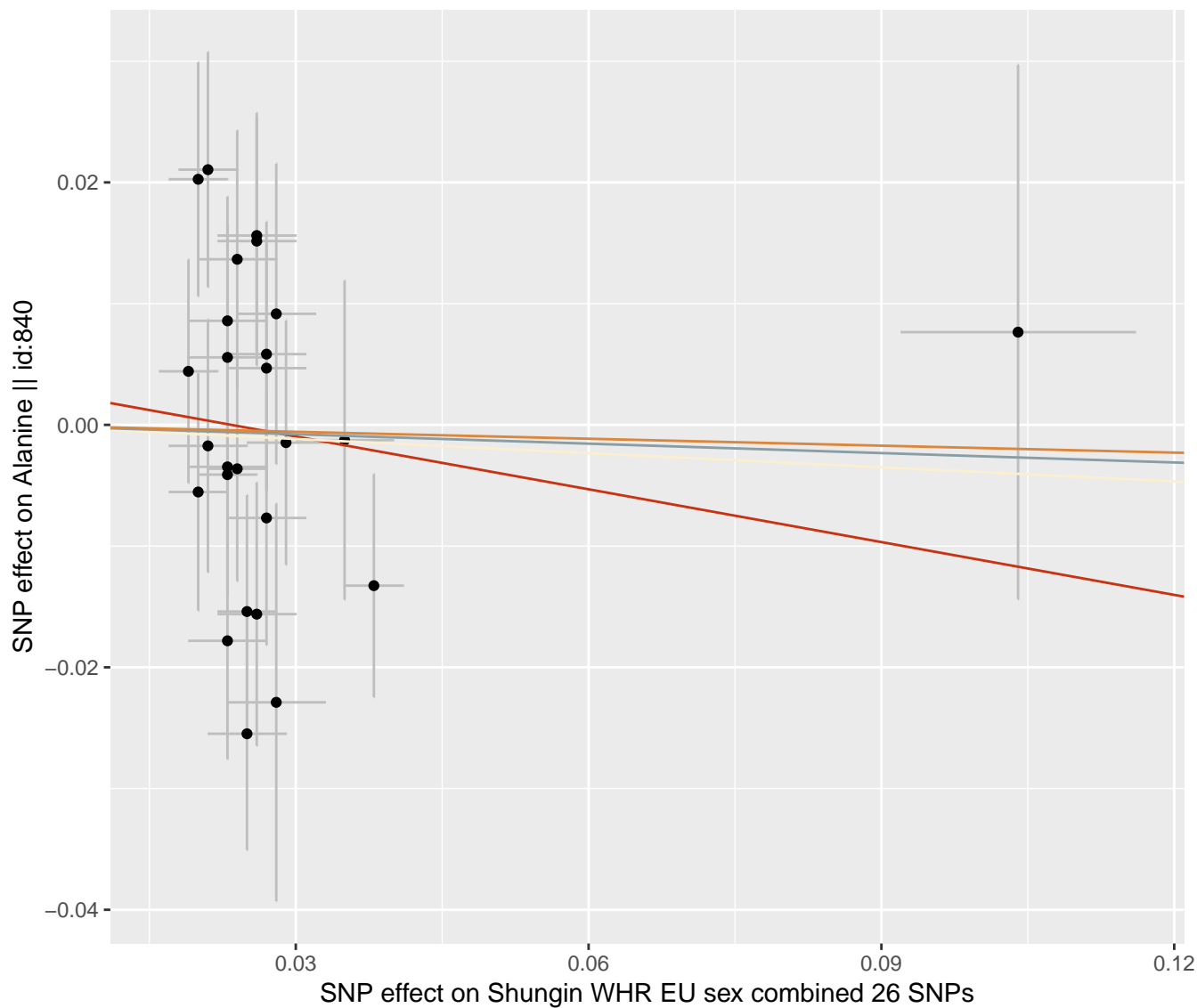
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



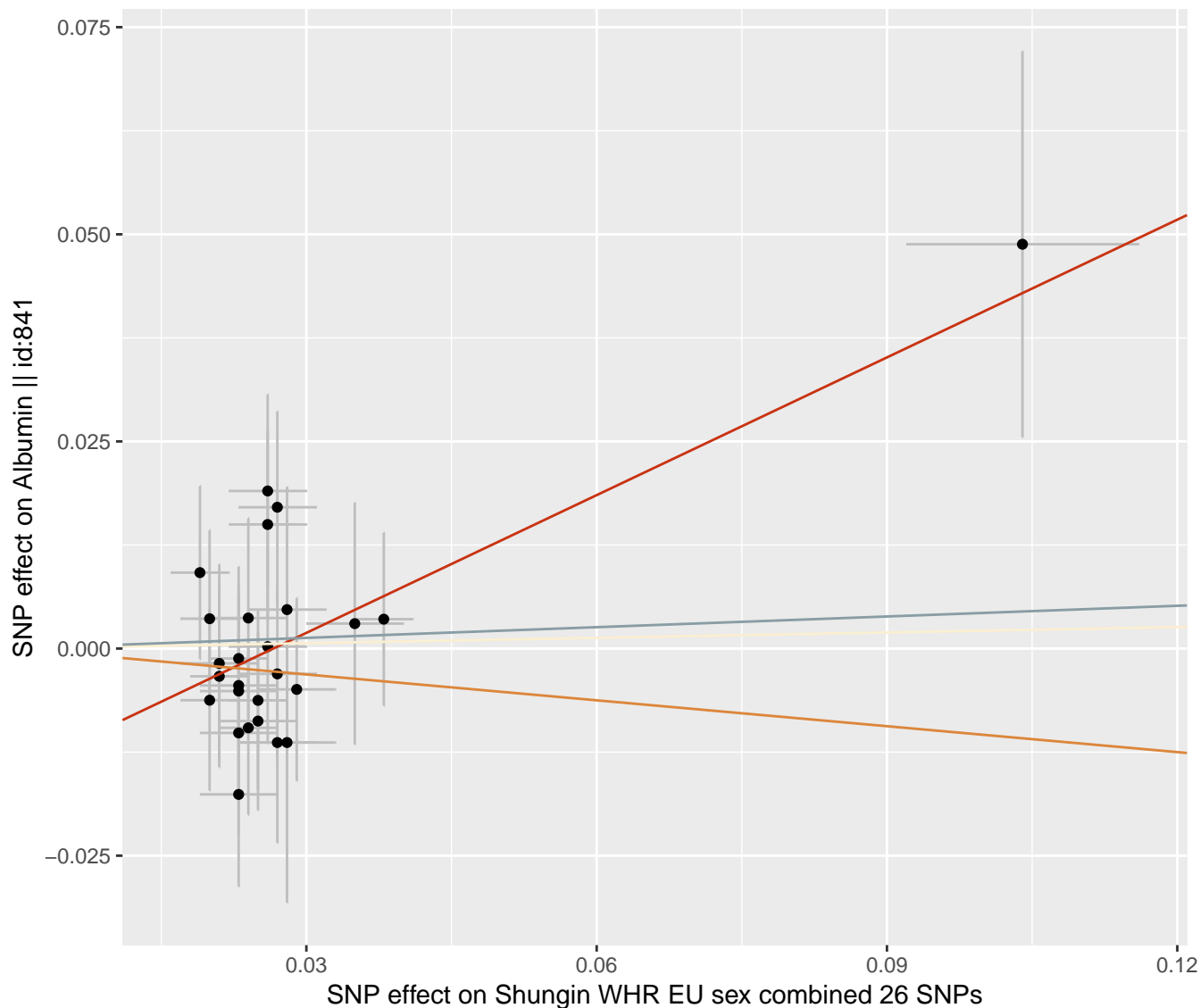
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

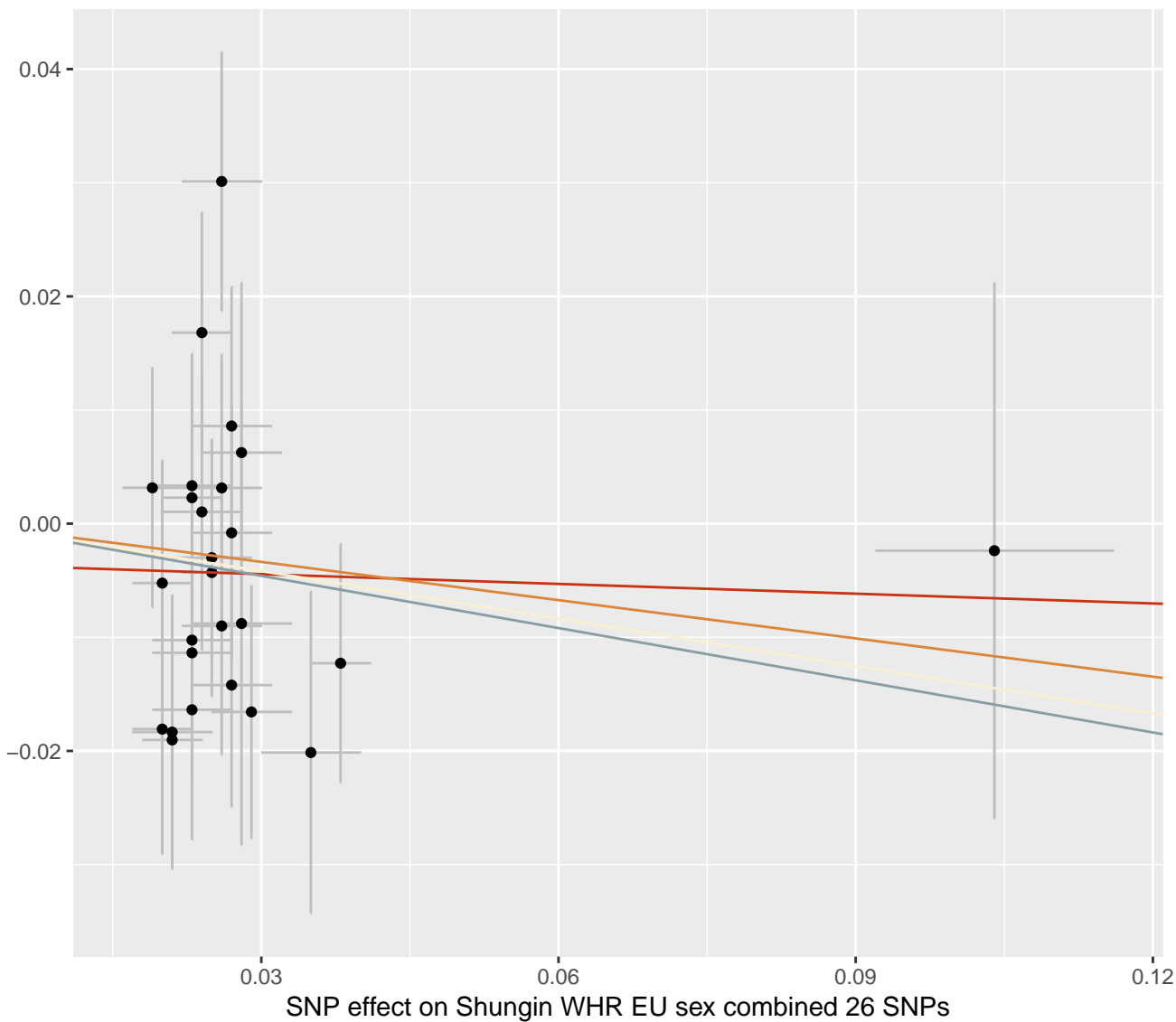
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

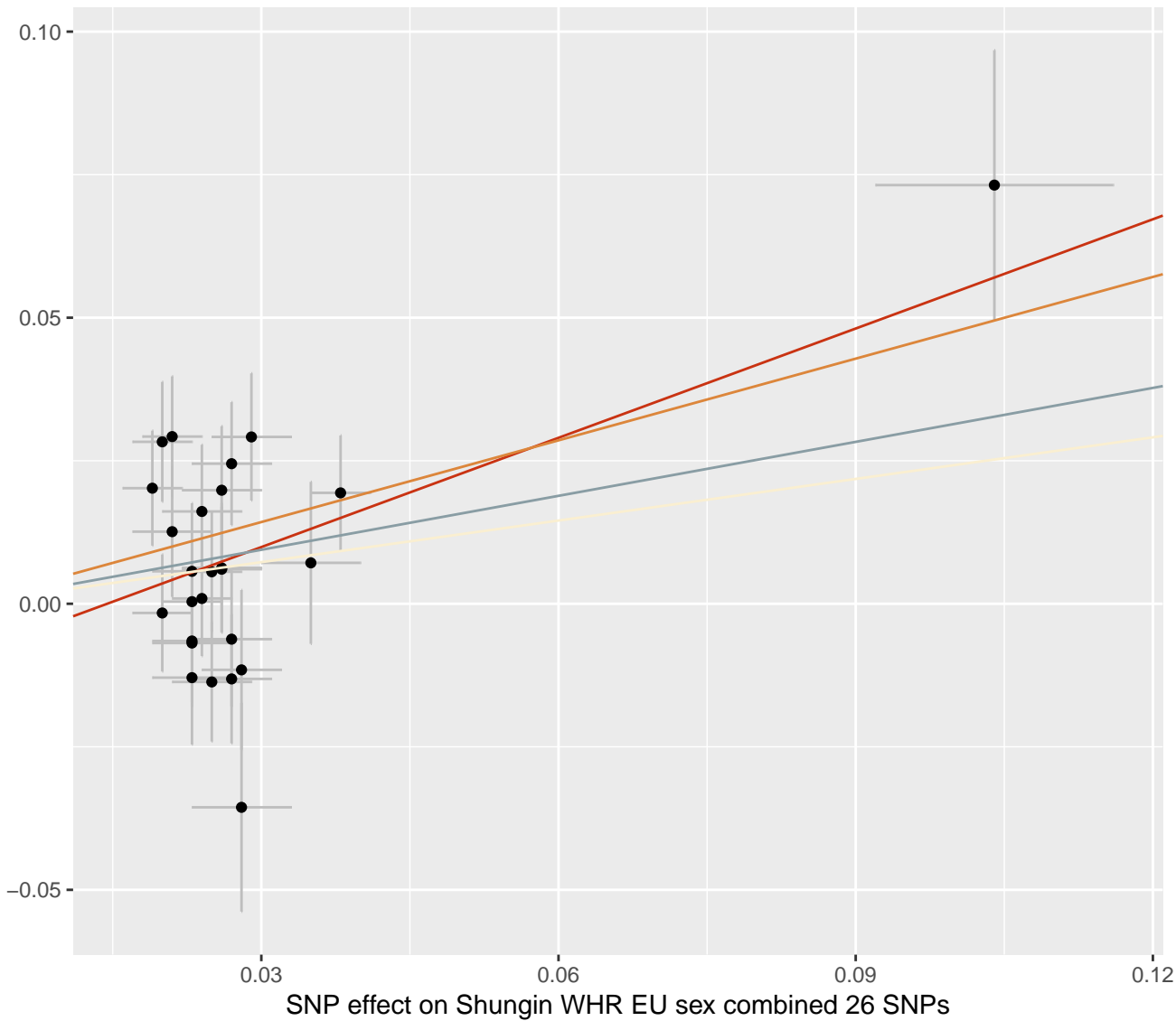
SNP effect on Apolipoprotein A-I || id:842



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

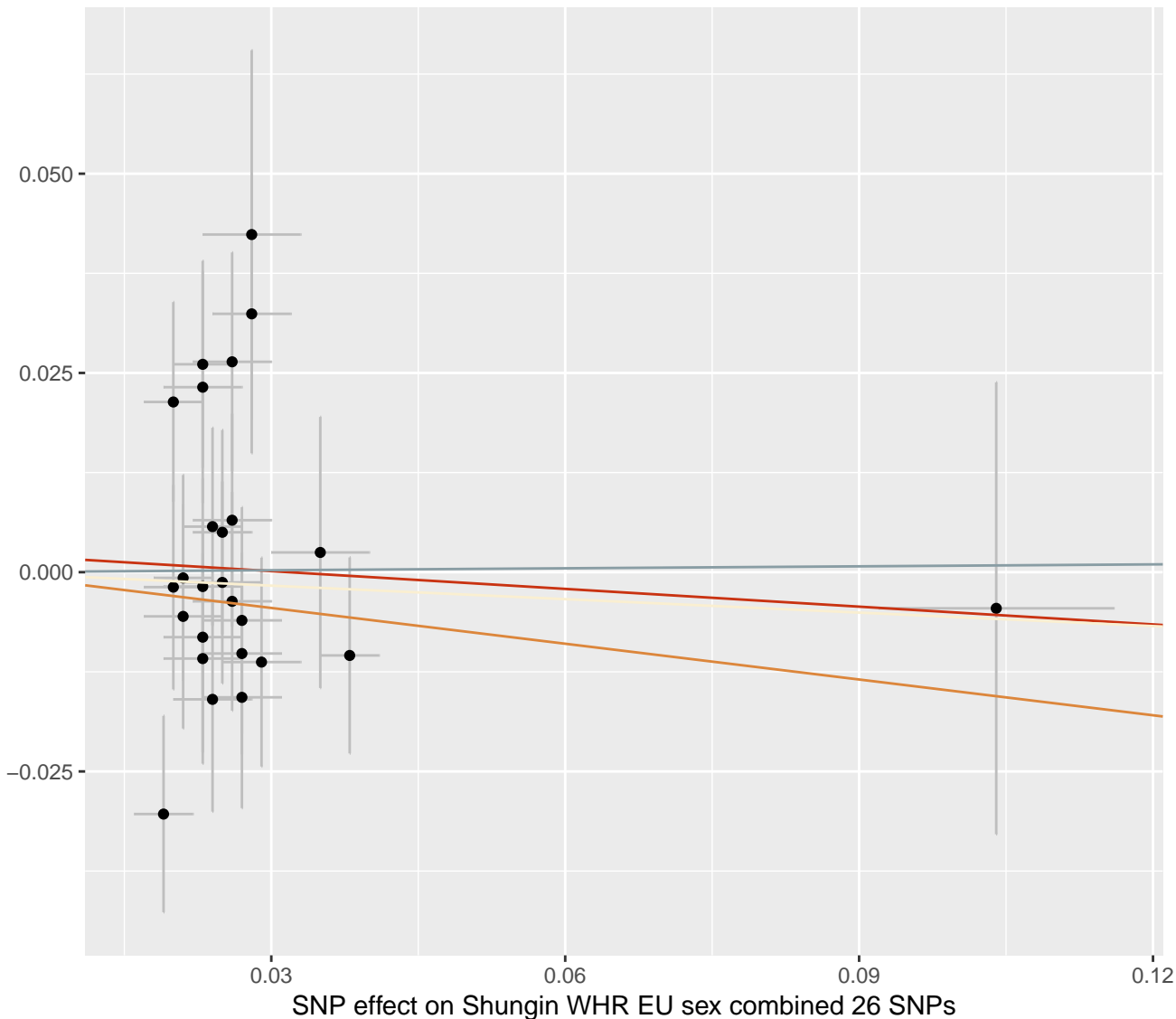
SNP effect on Apolipoprotein B || id:843



MR Test

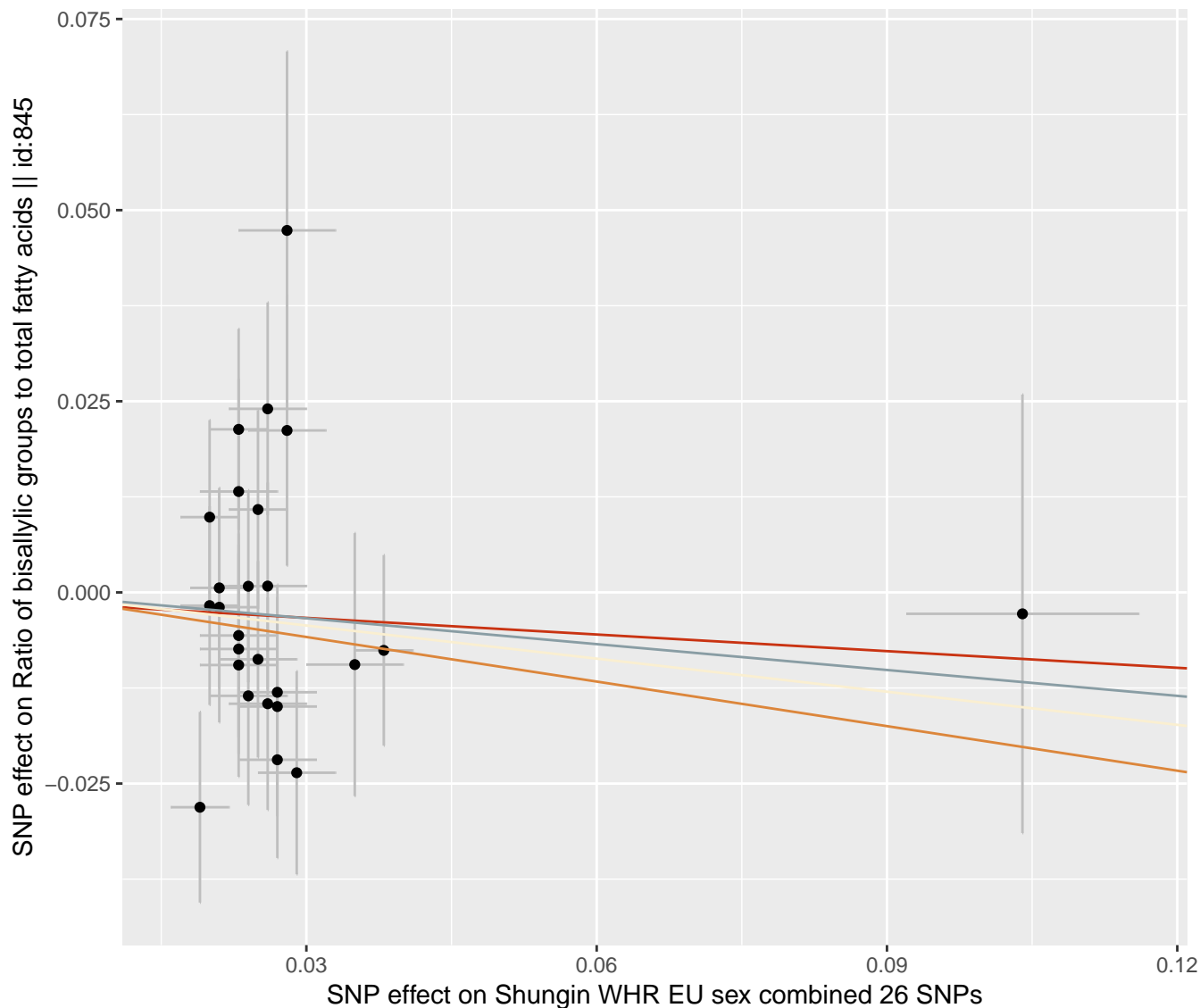
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Ratio of bisallylic groups to double bonds || id:844



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

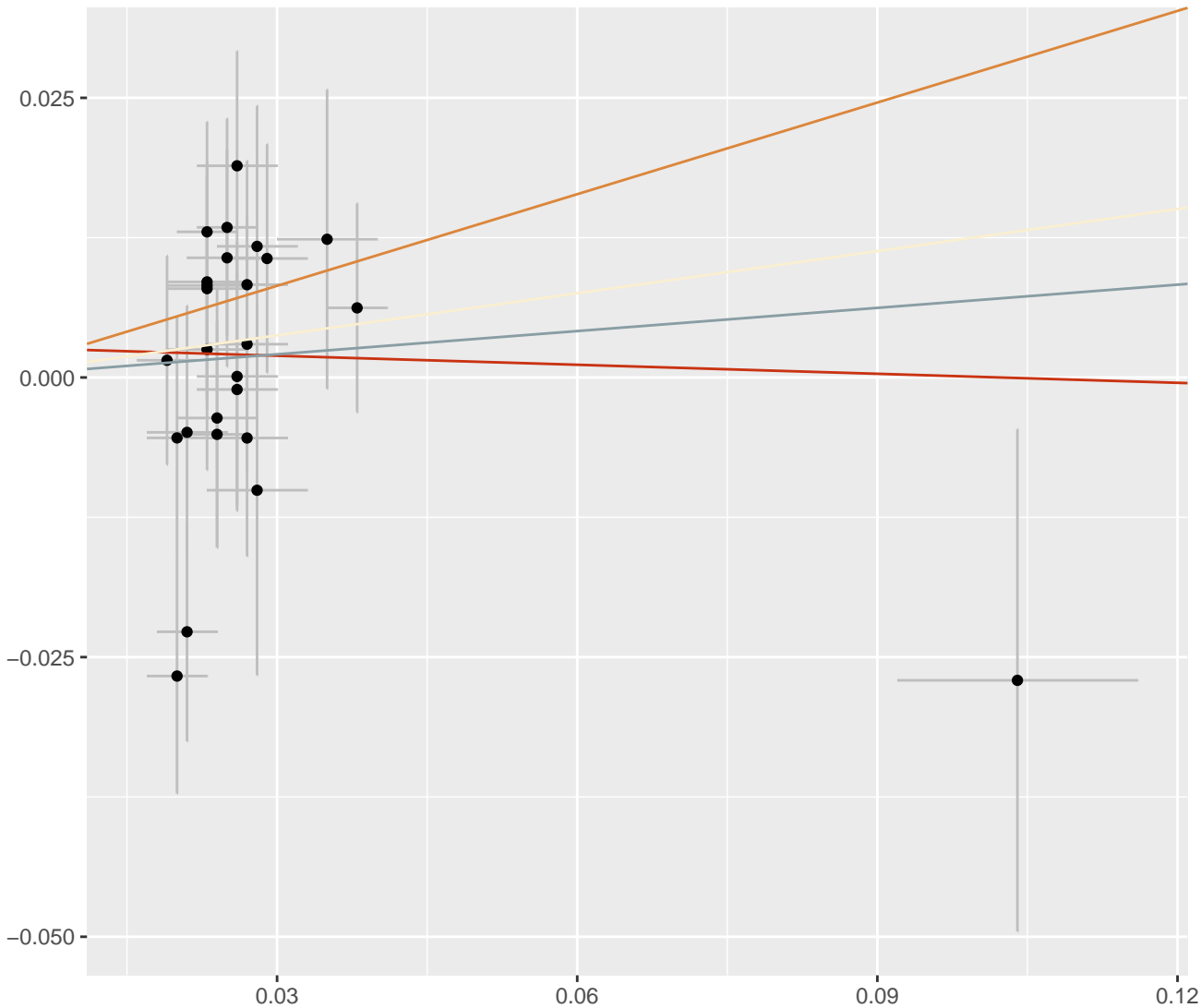


MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

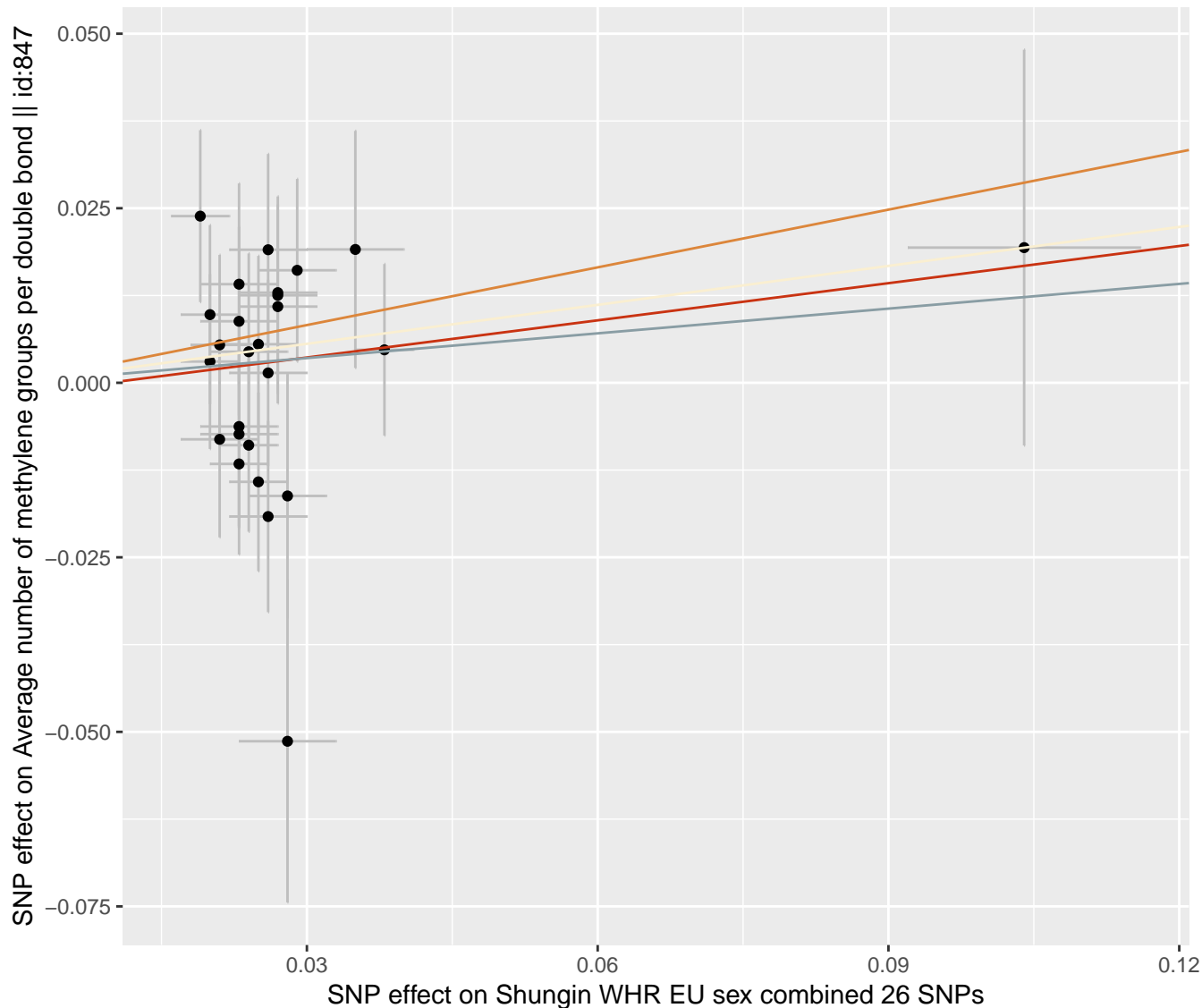
SNP effect on 3-hydroxybutyrate || id:846

SNP effect on Shungin WHR EU sex combined 26 SNPs



MR Test

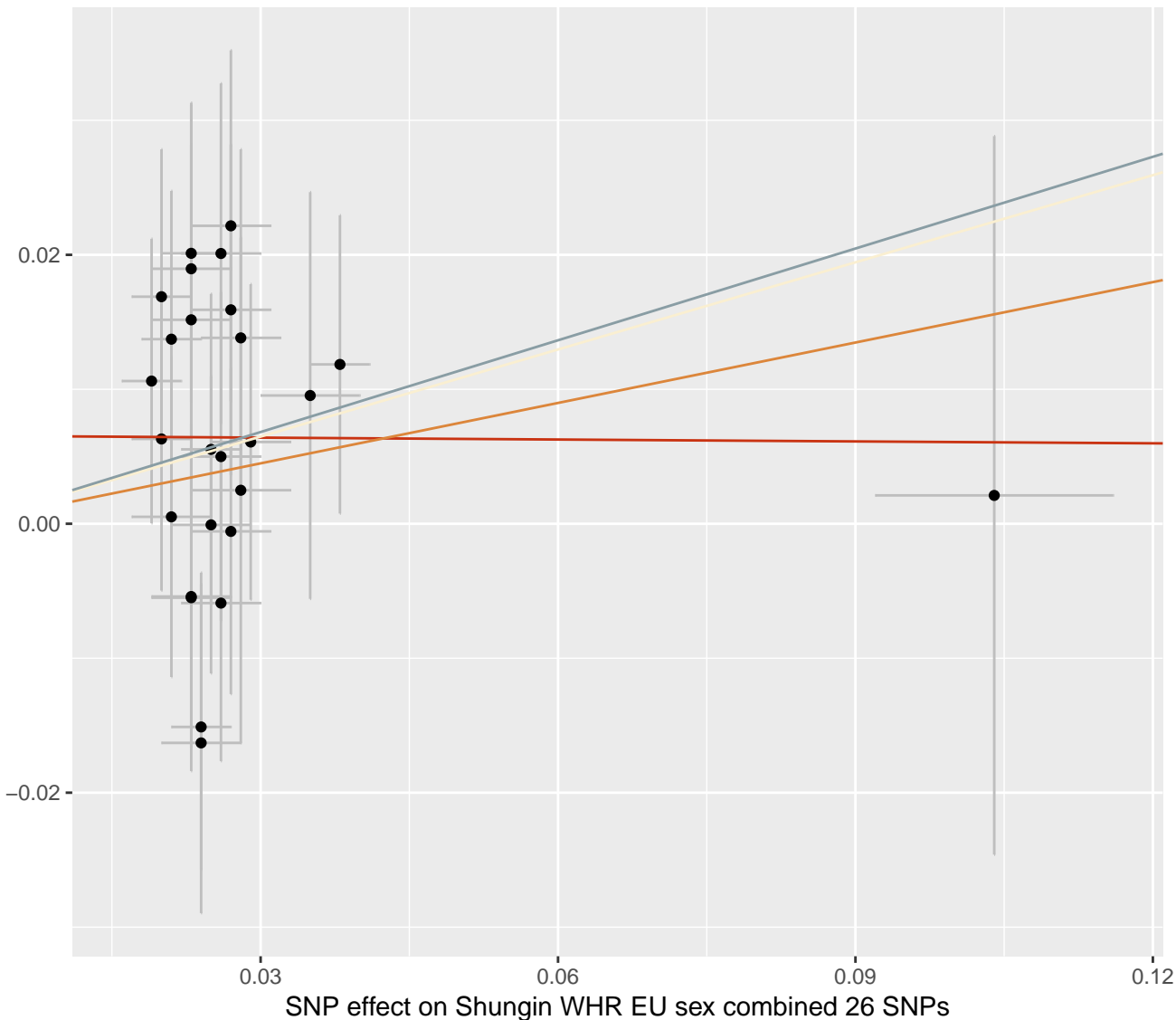
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

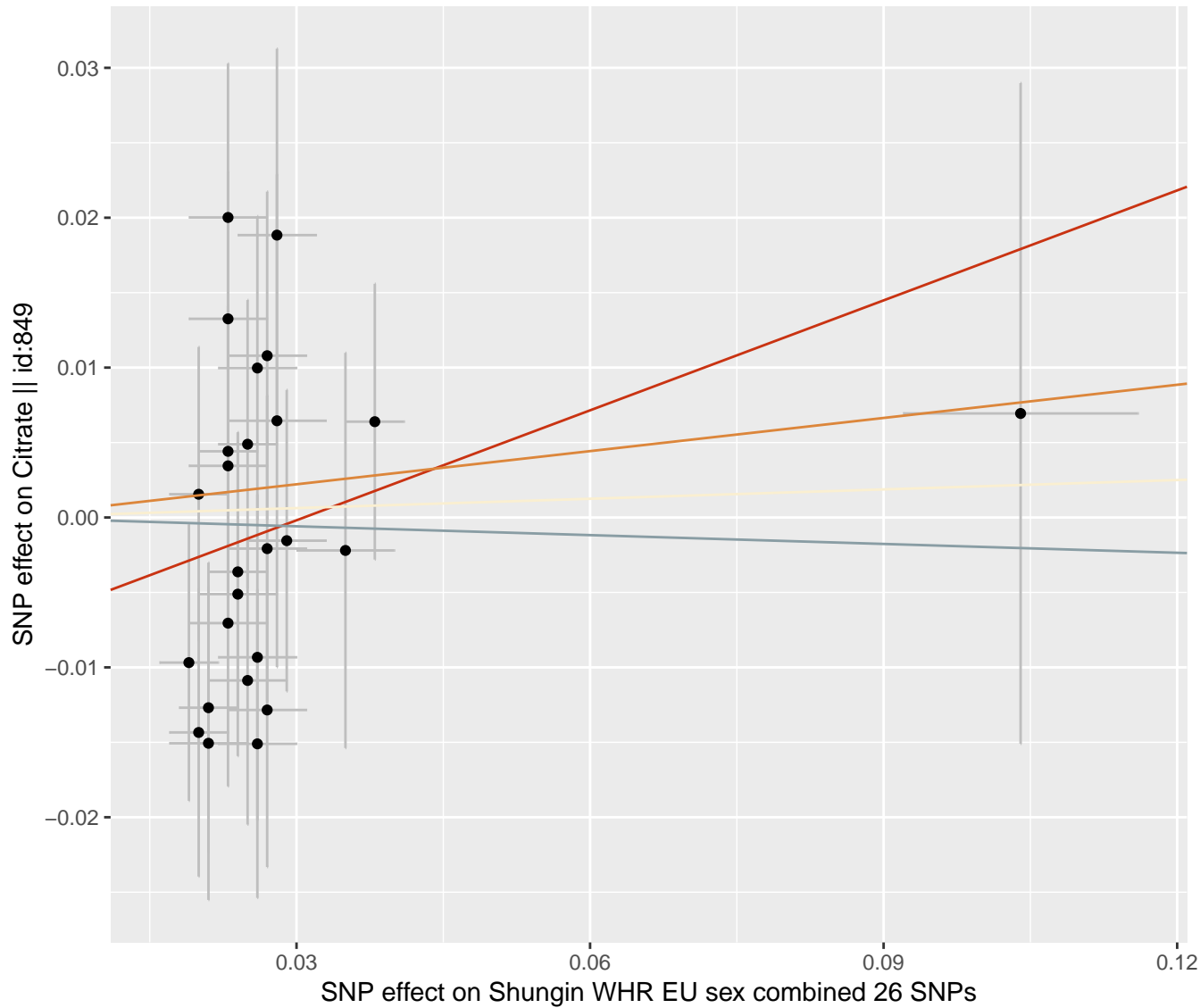
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Average number of methylene groups in a fatty acid chain || id:848



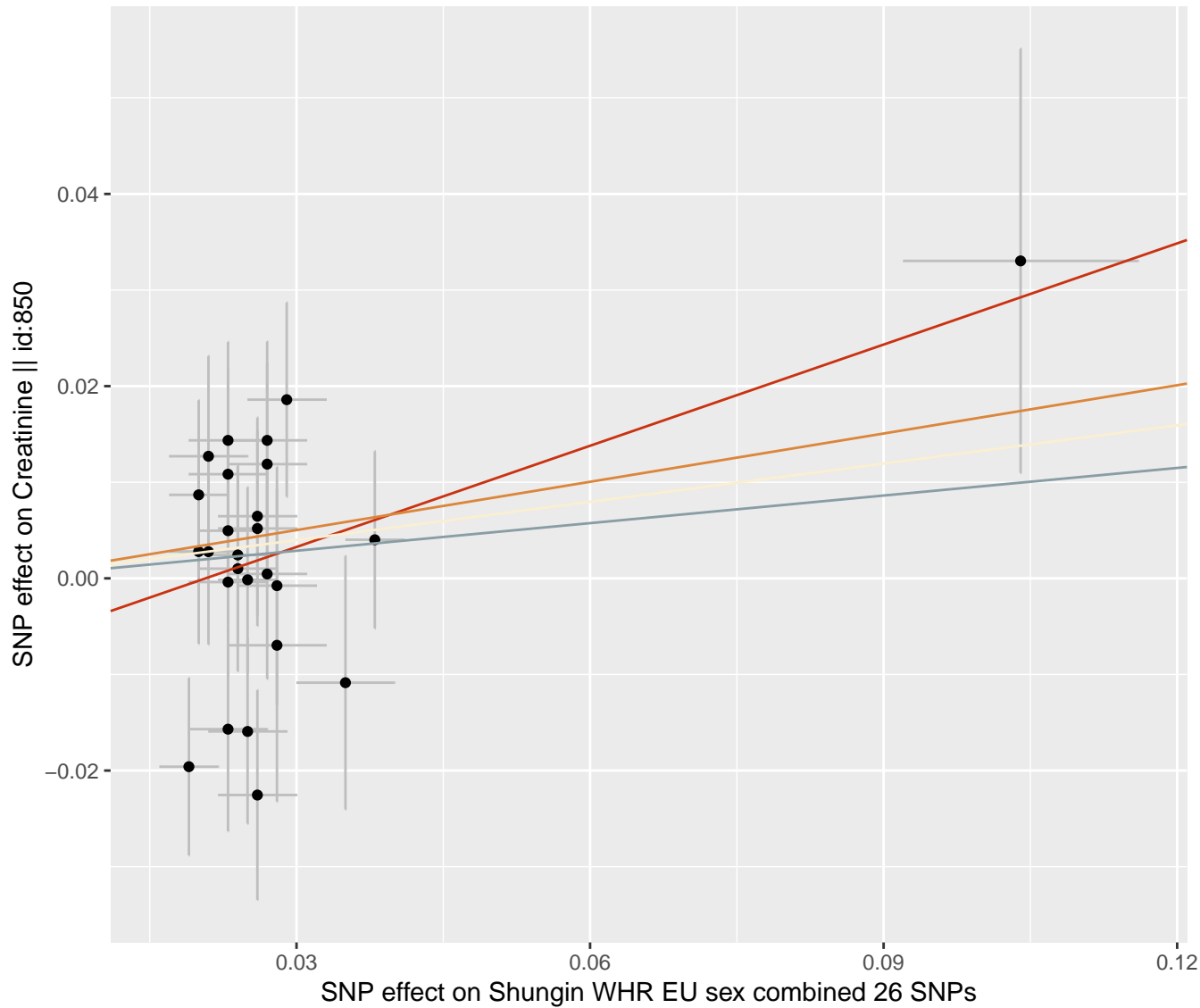
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



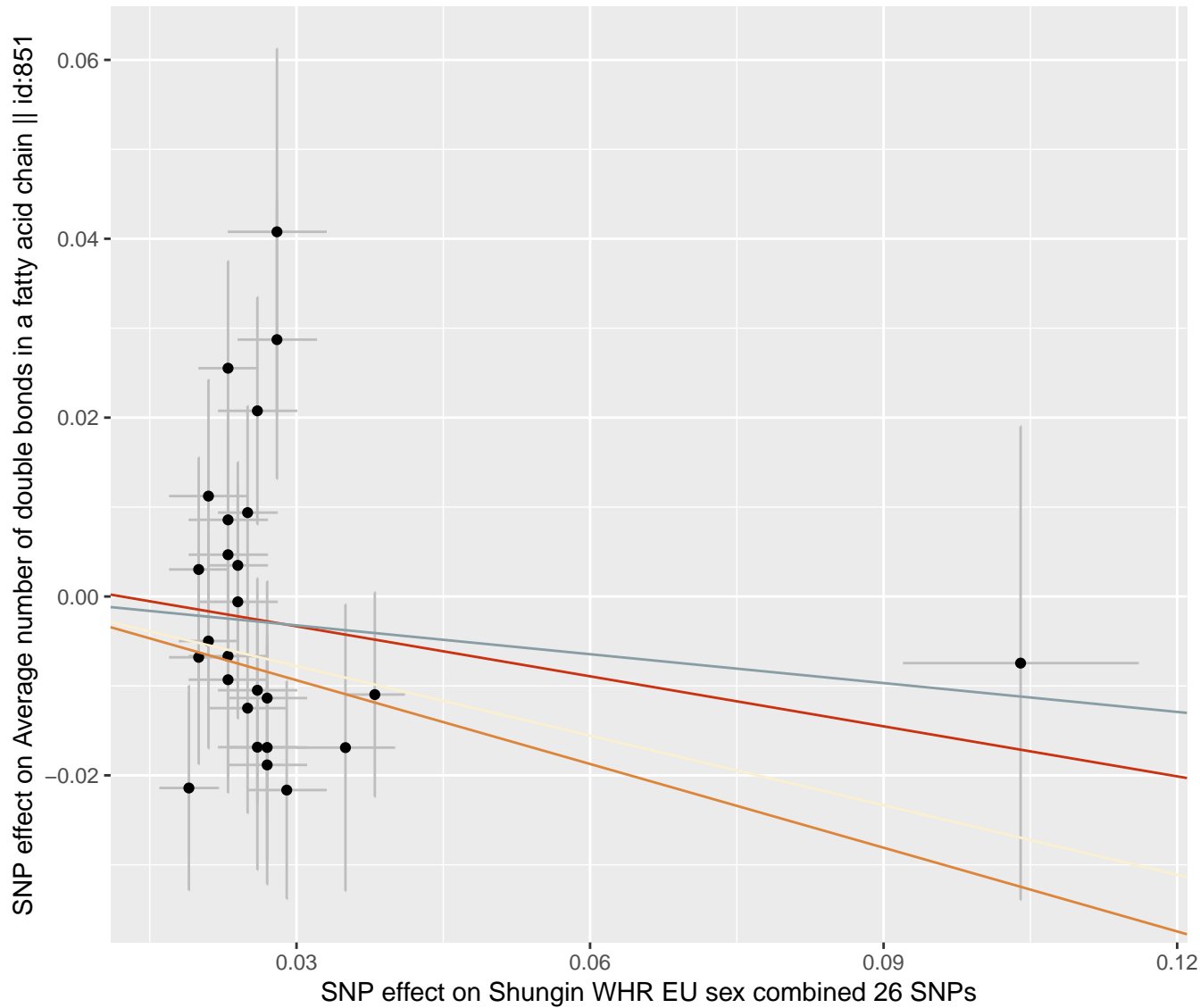
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



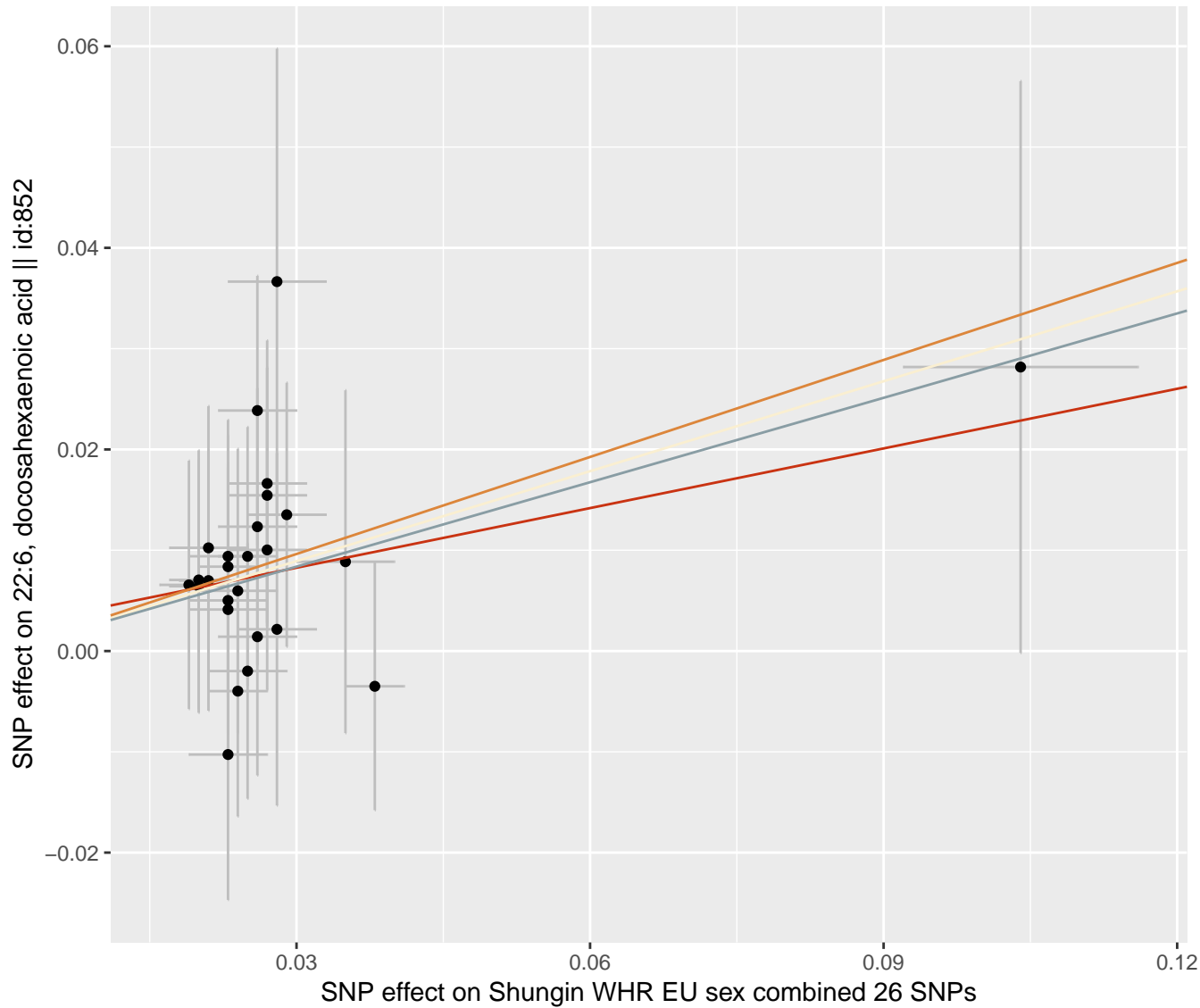
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

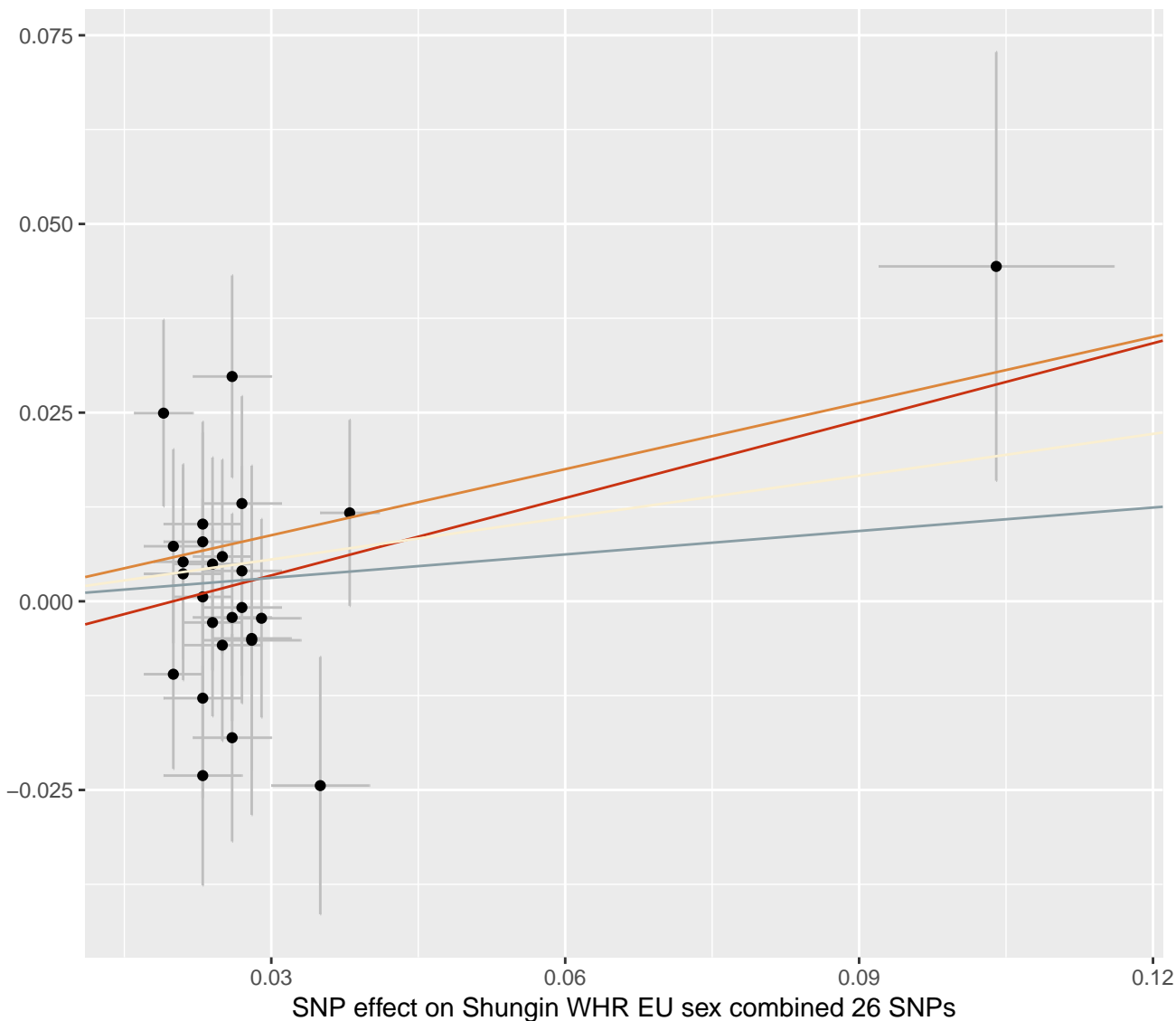
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

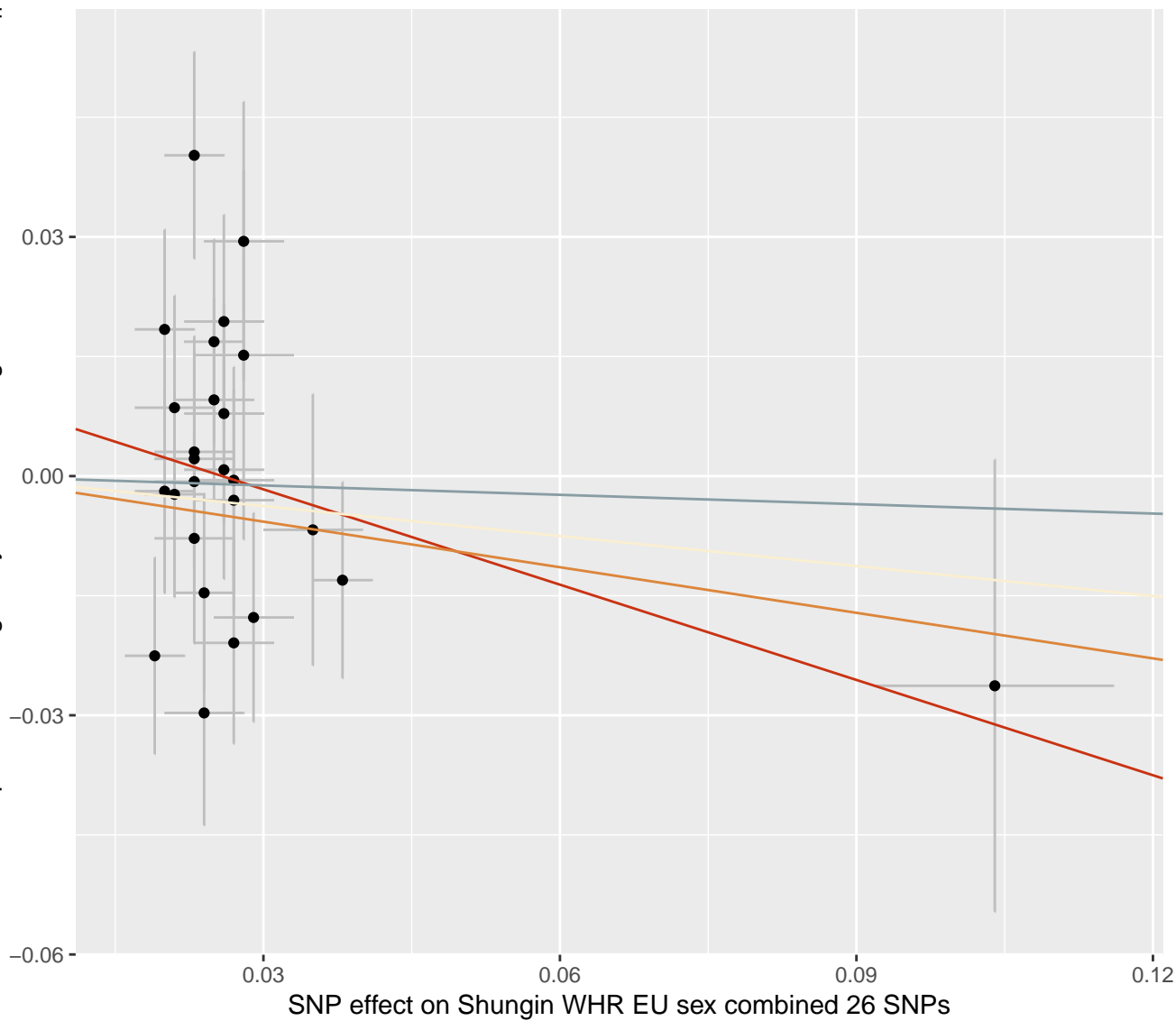
SNP effect on Free cholesterol to esterified cholesterol ratio || id:853



SNP effect on Description of average fatty acid chain length, not actual carbon number || id:854

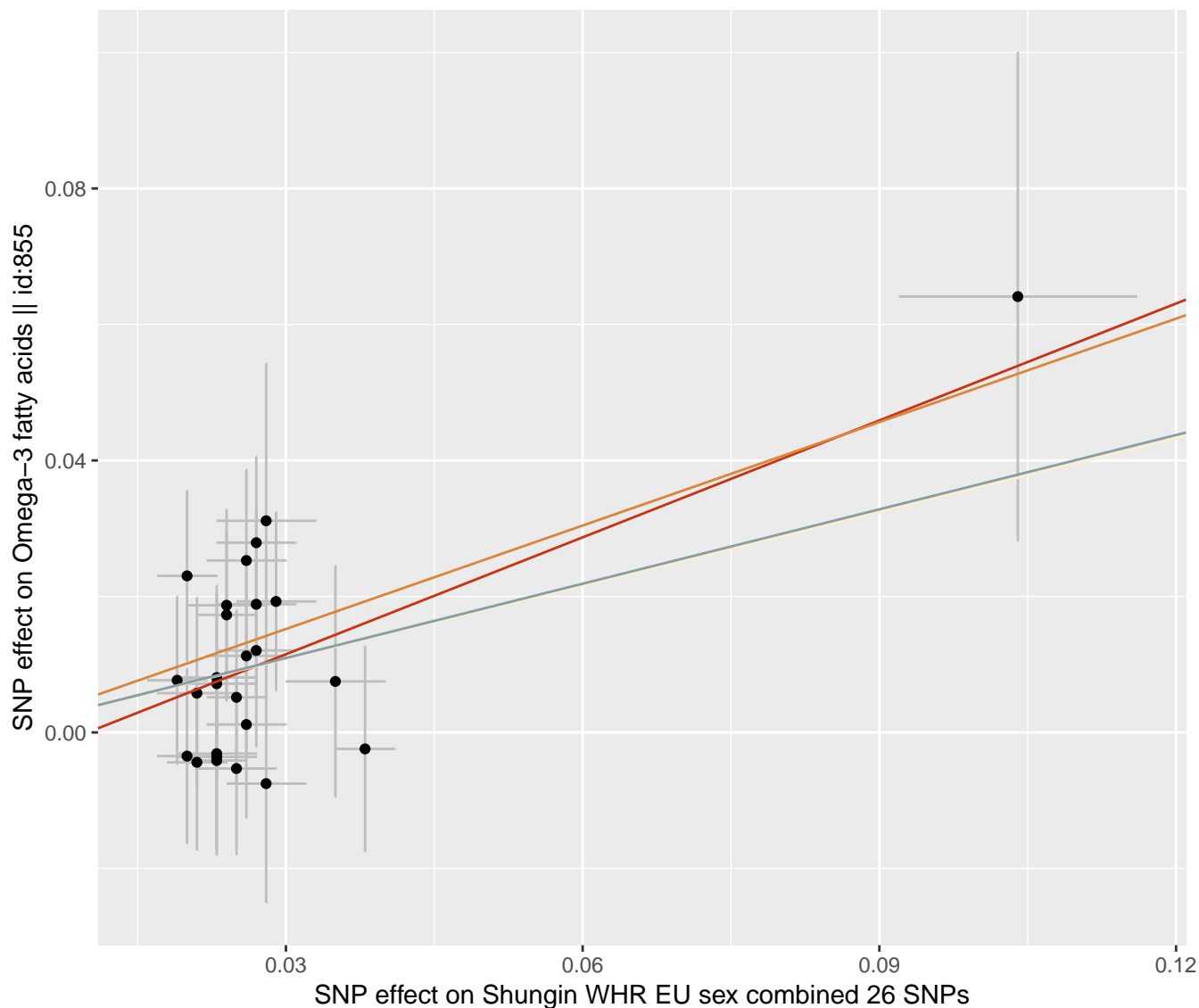
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



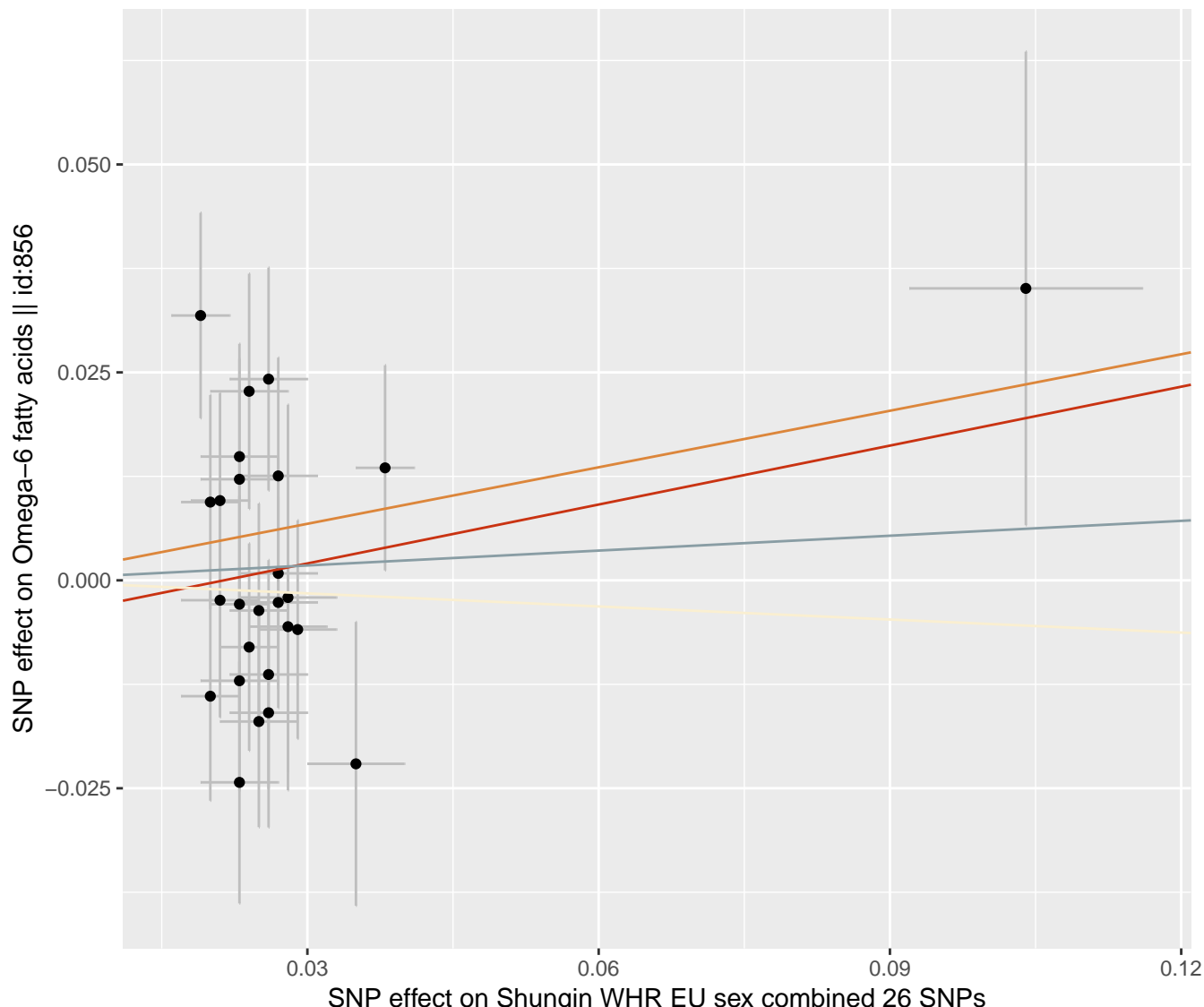
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

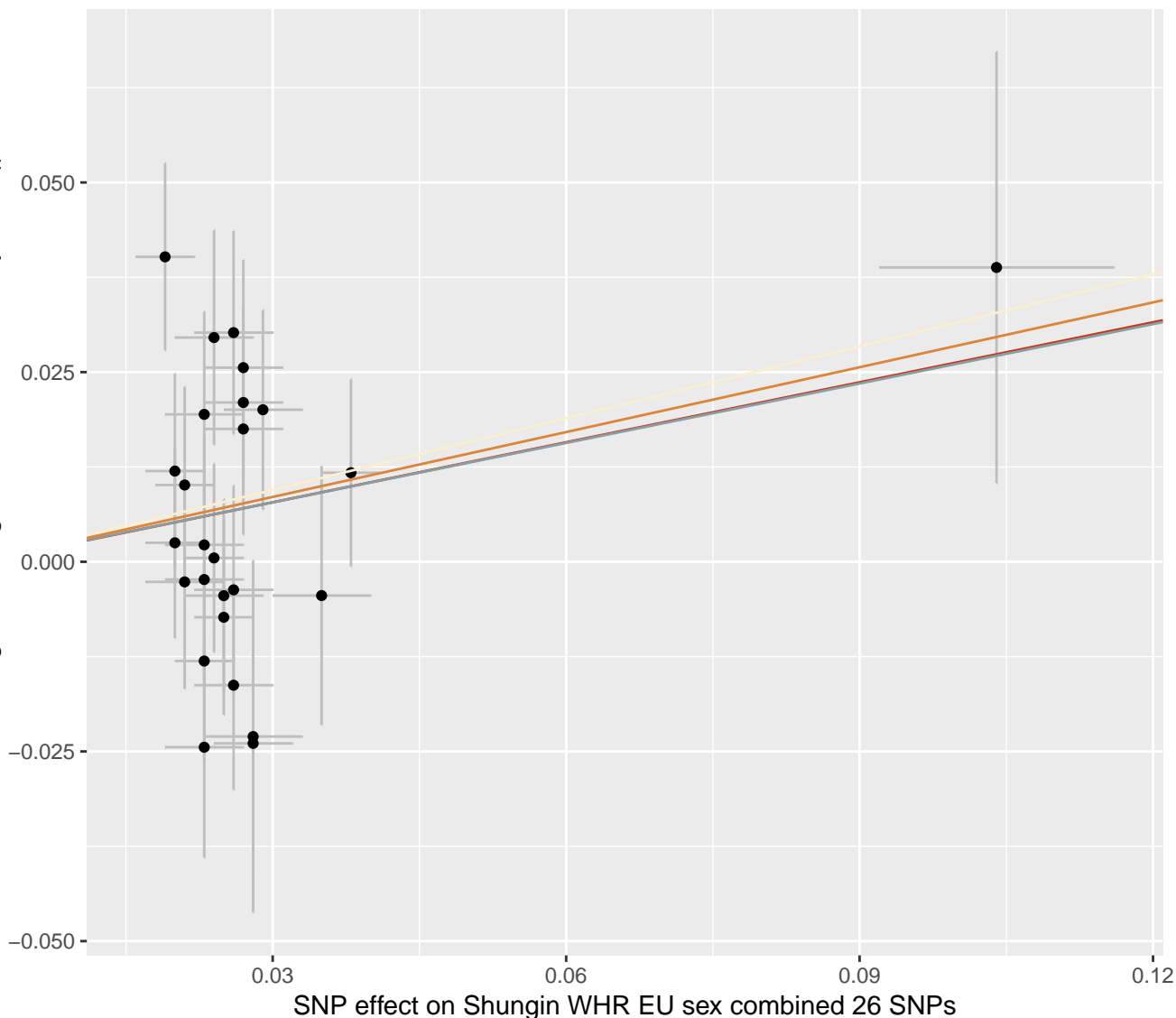
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

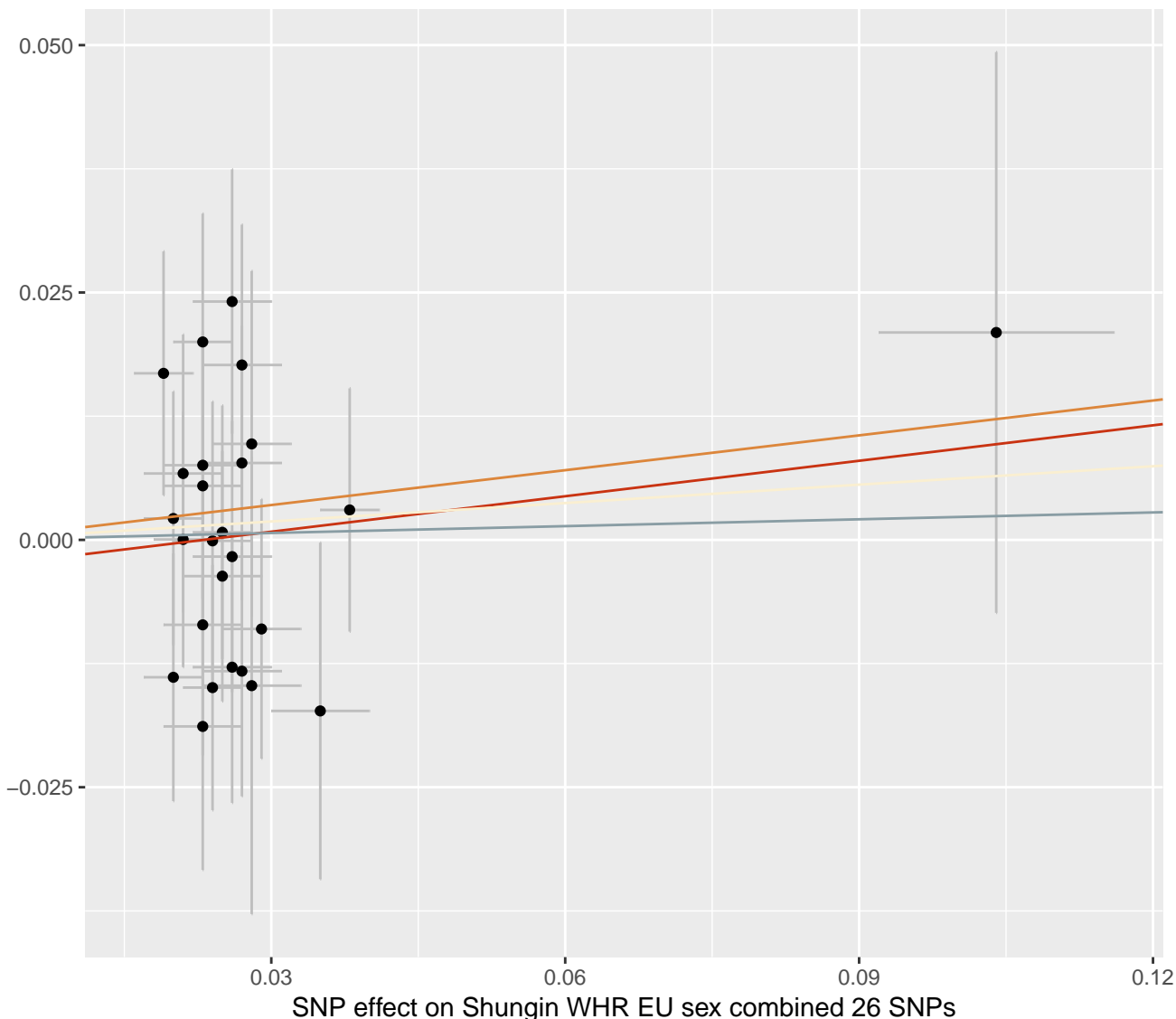
SNP effect on Omega-7, omega-9 and saturated fatty acids || id:857



MR Test

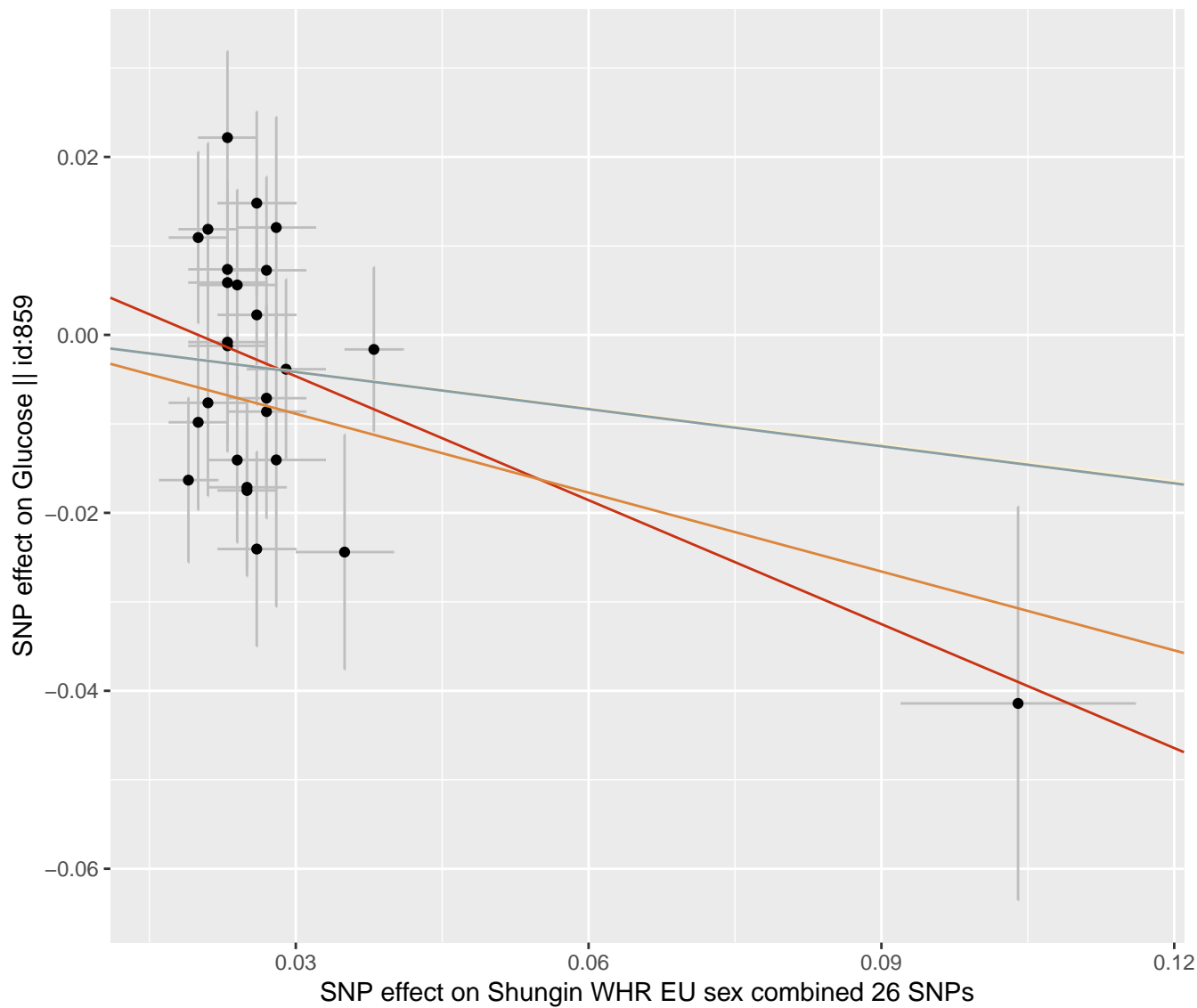
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Free cholesterol || id:858



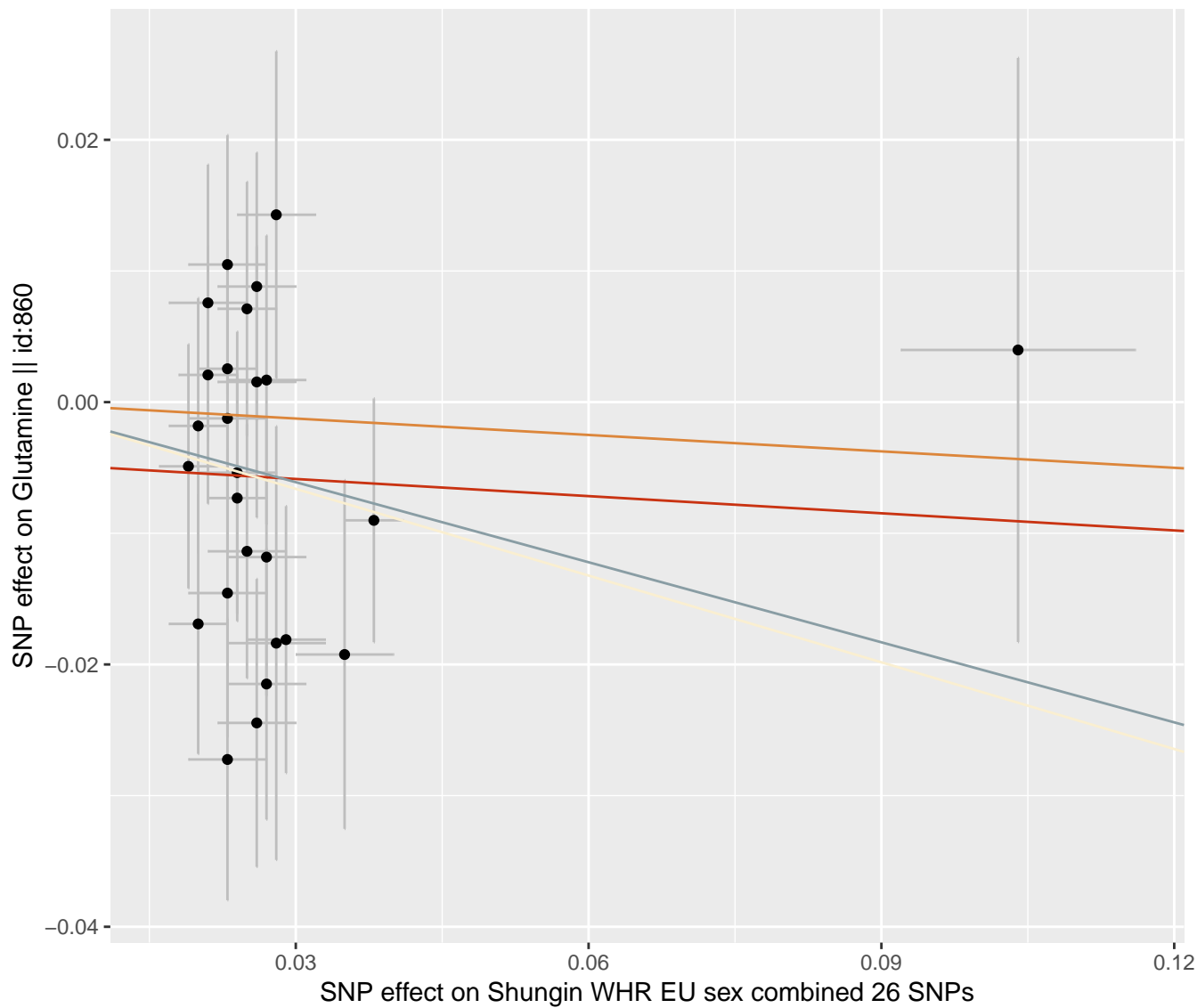
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



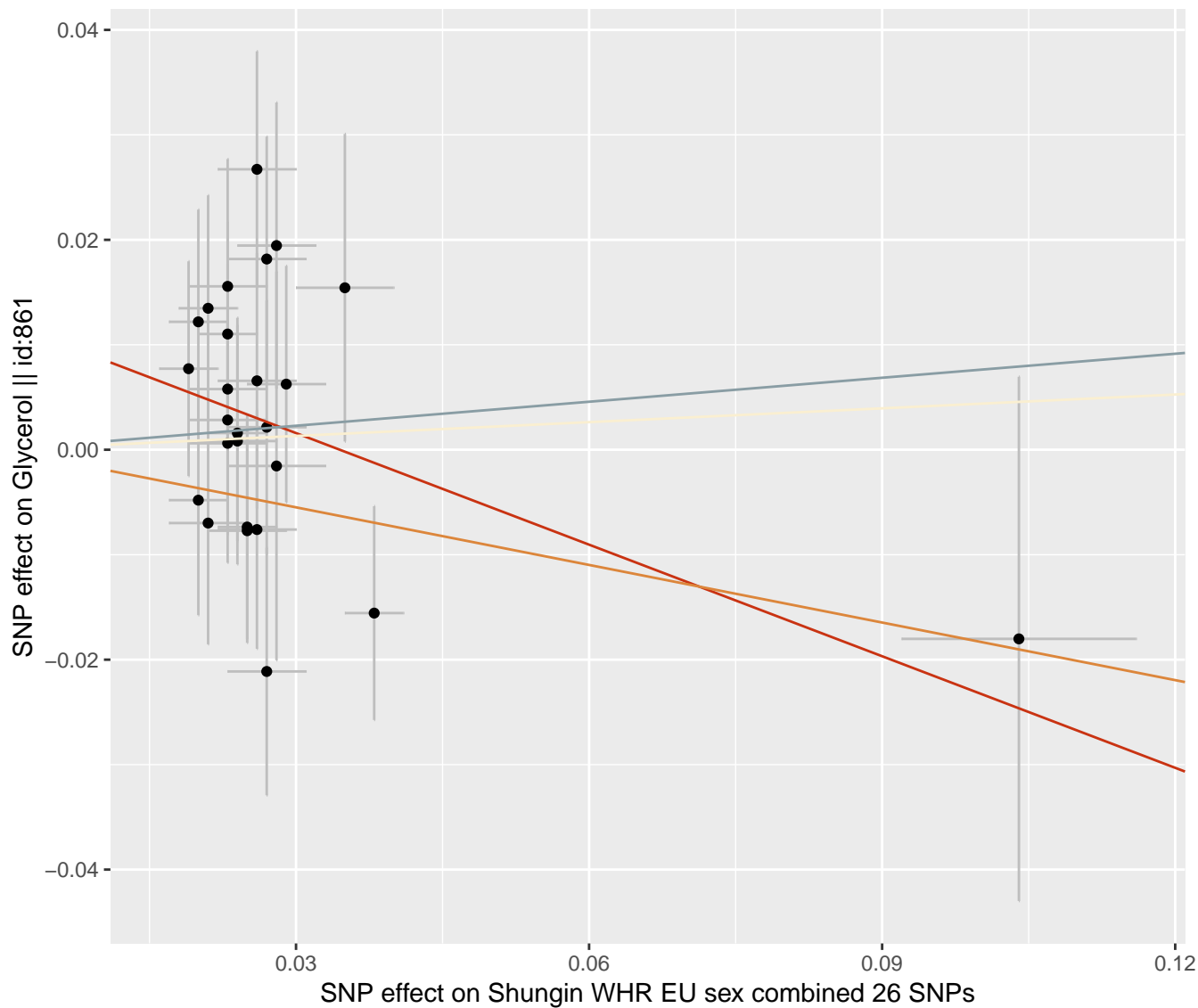
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



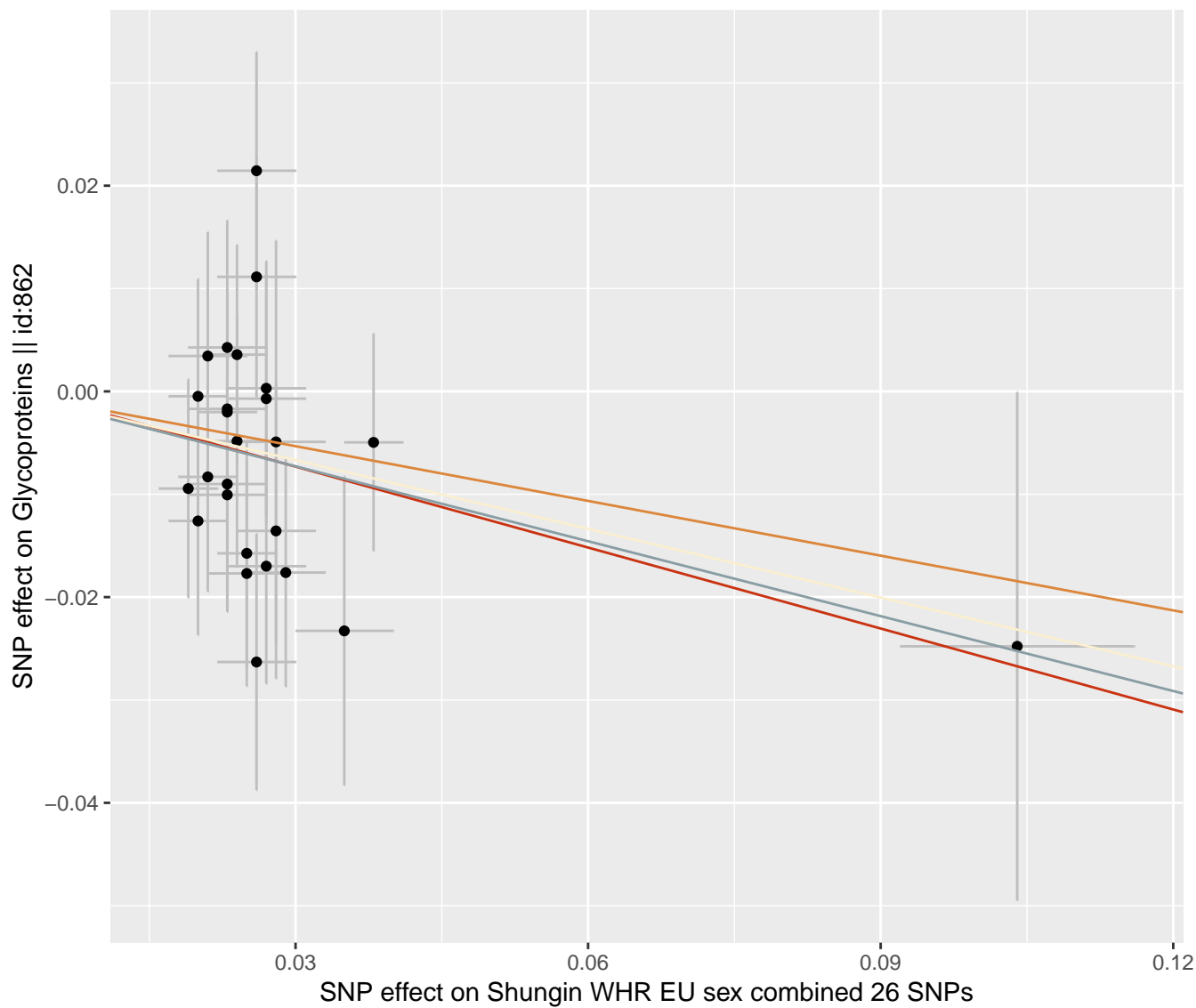
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



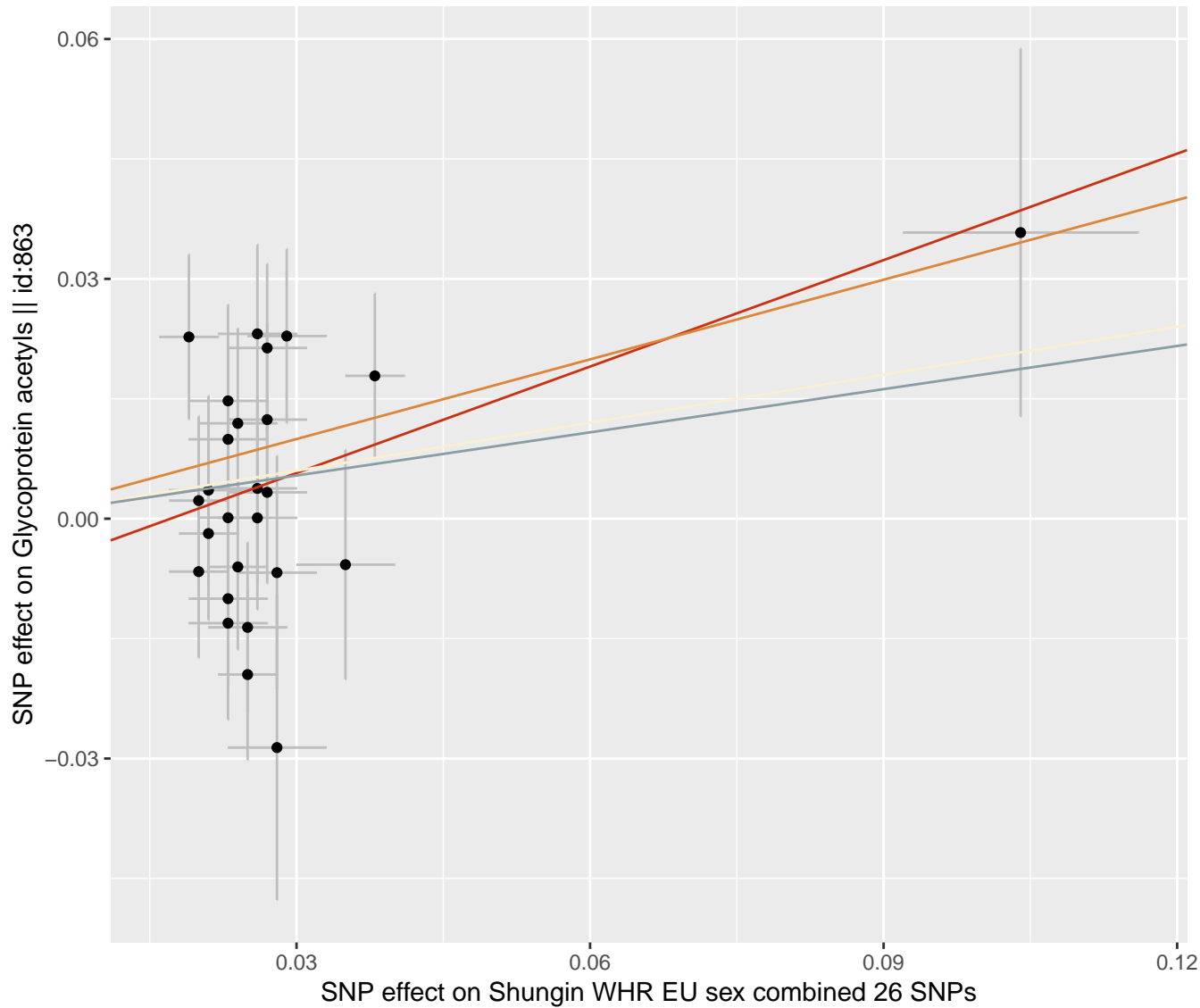
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



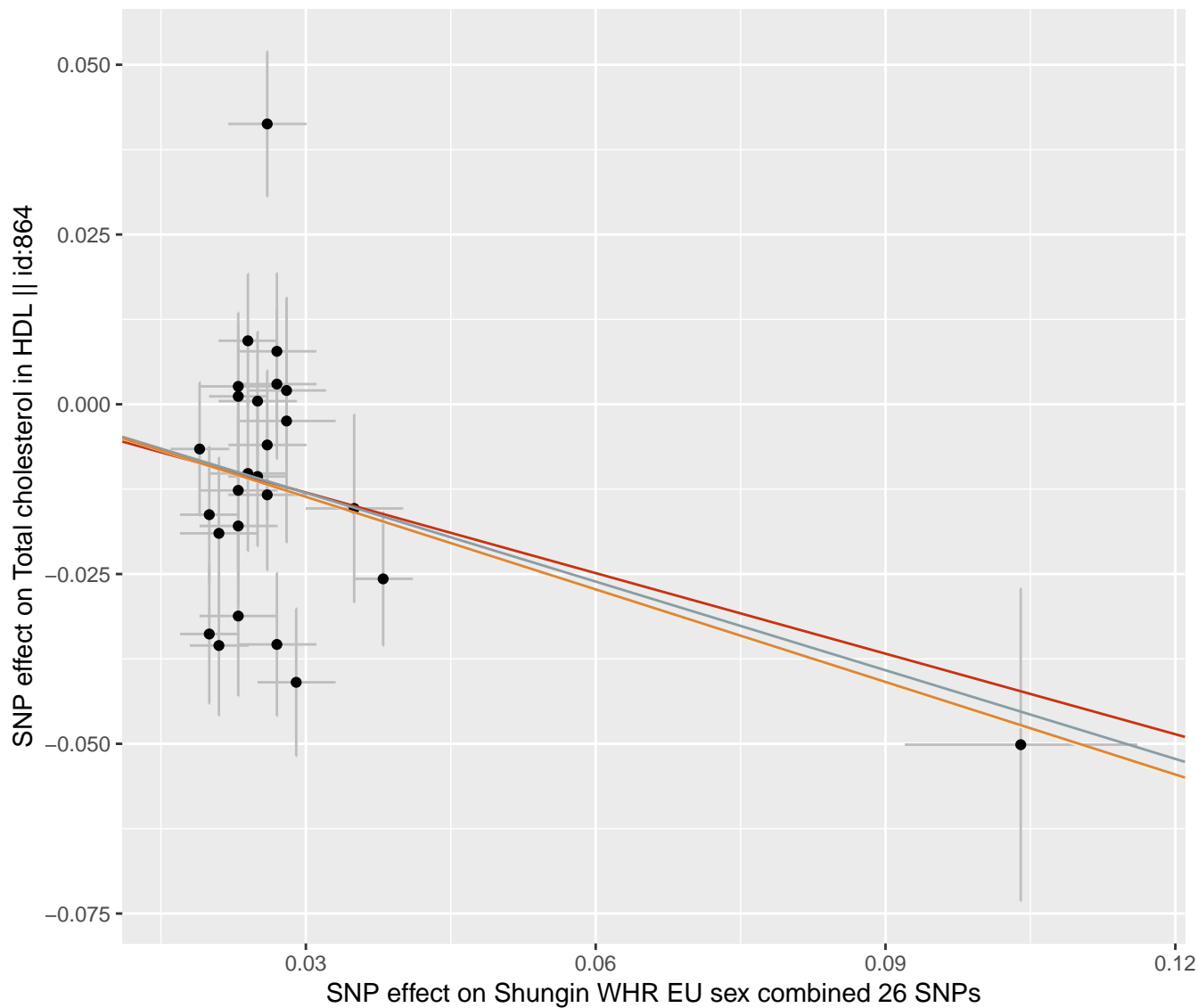
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



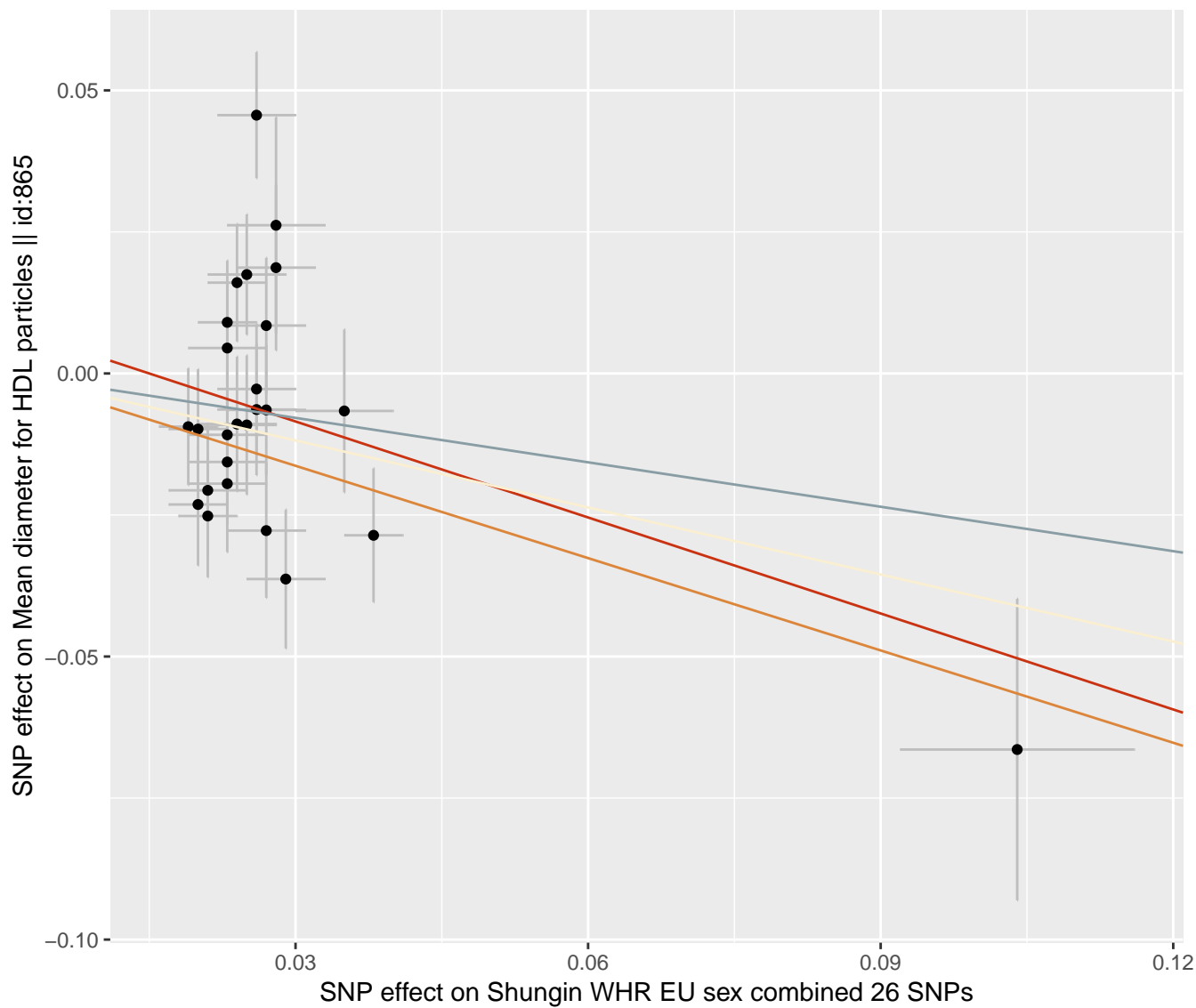
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



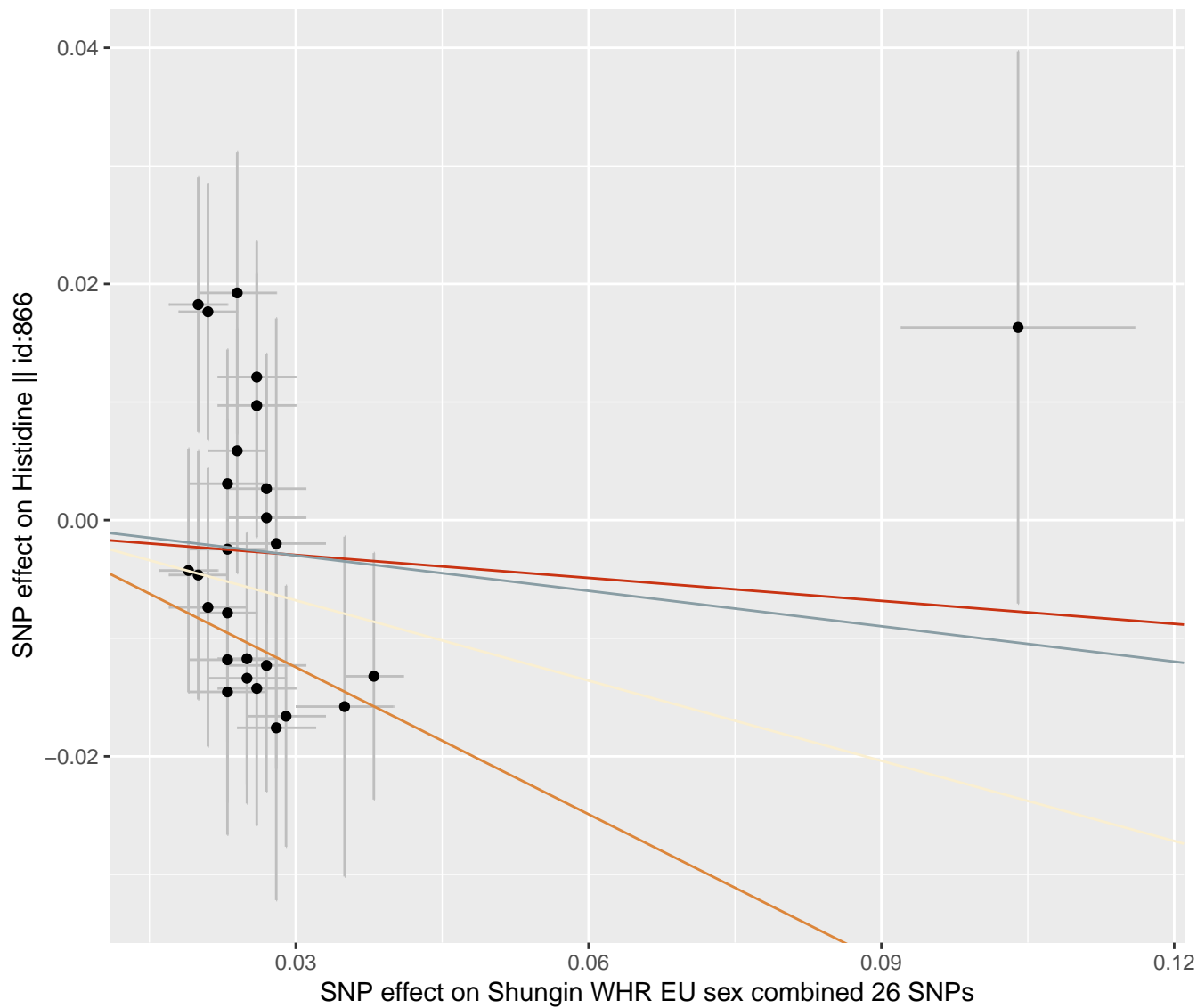
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



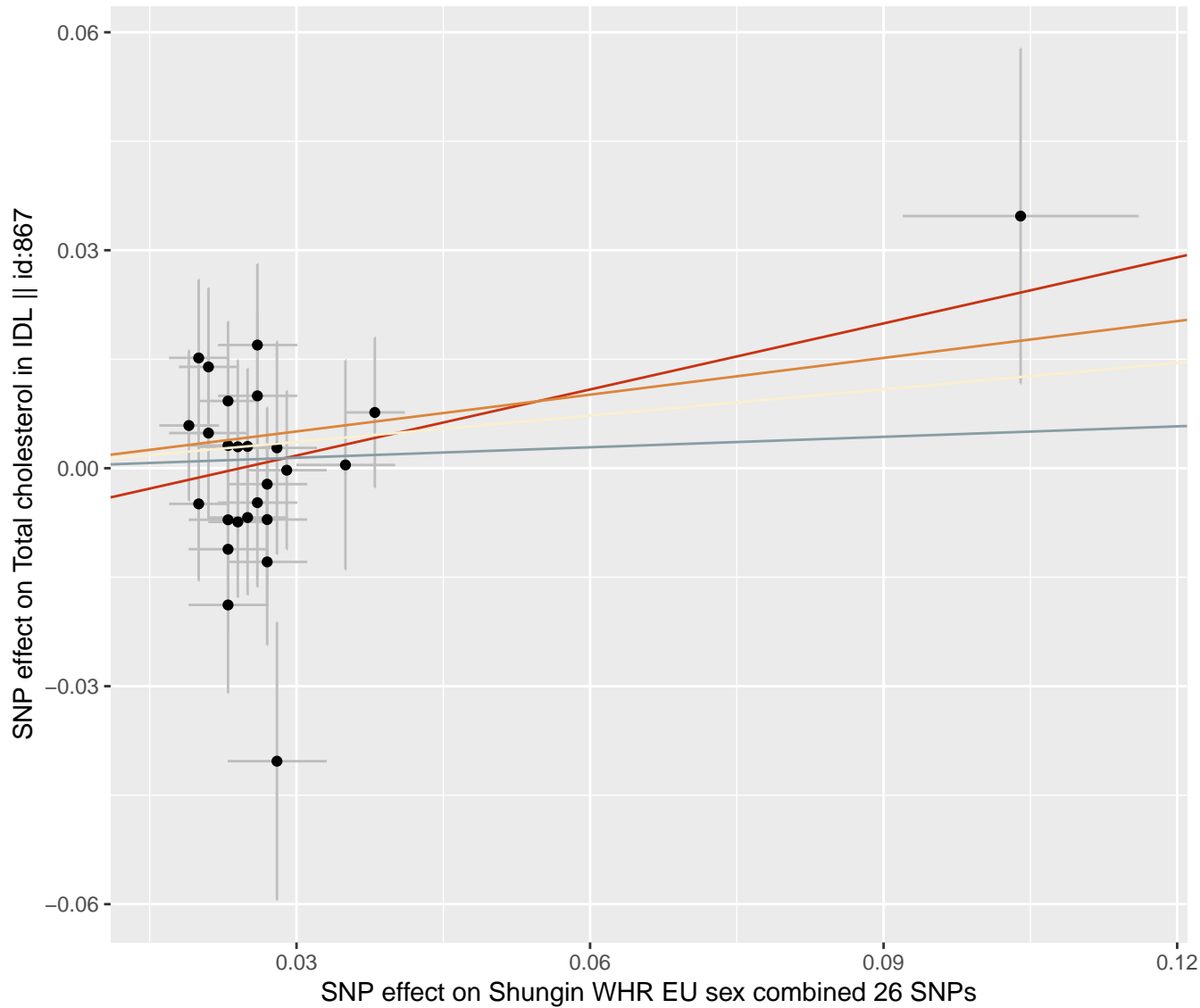
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

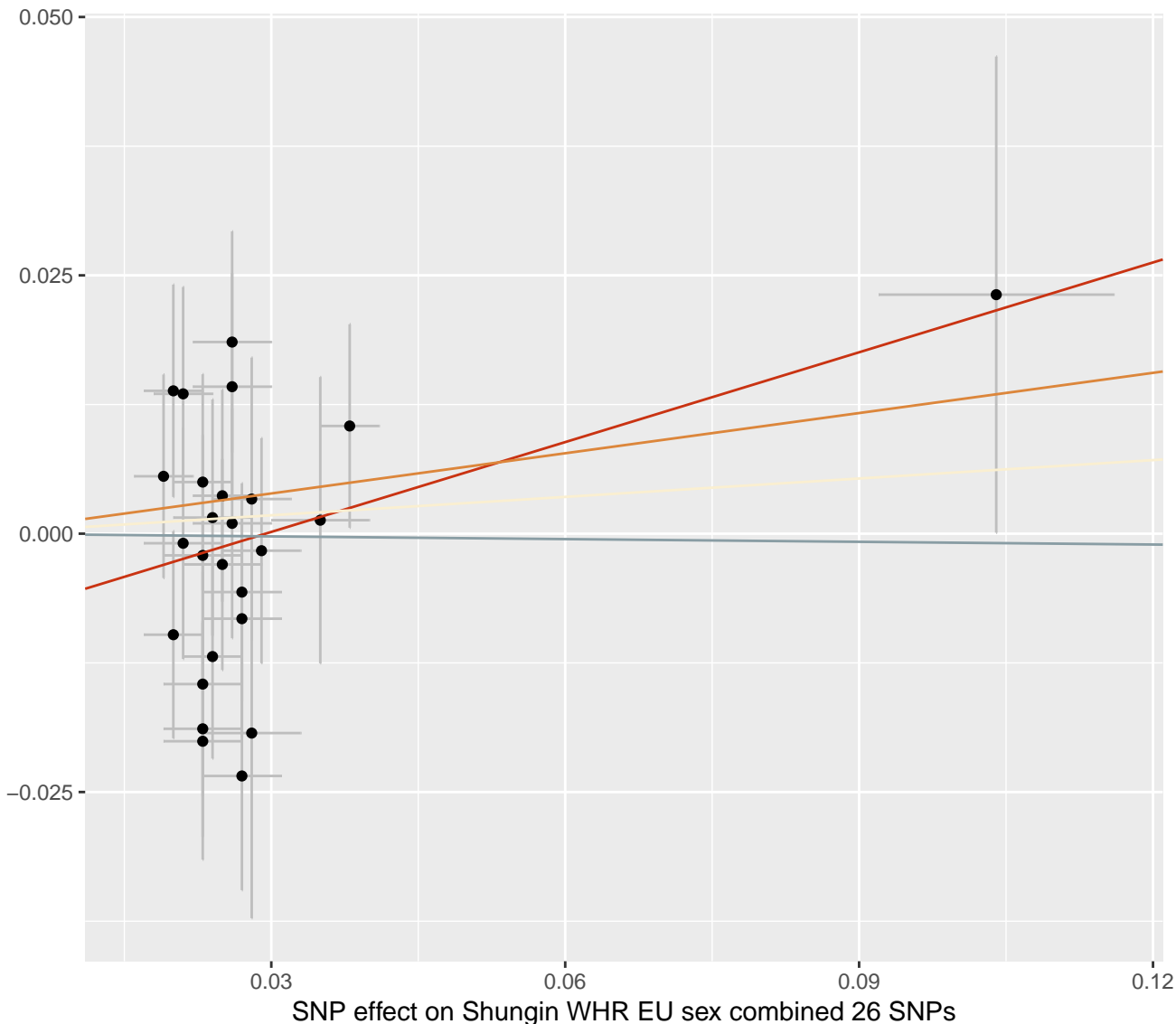
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

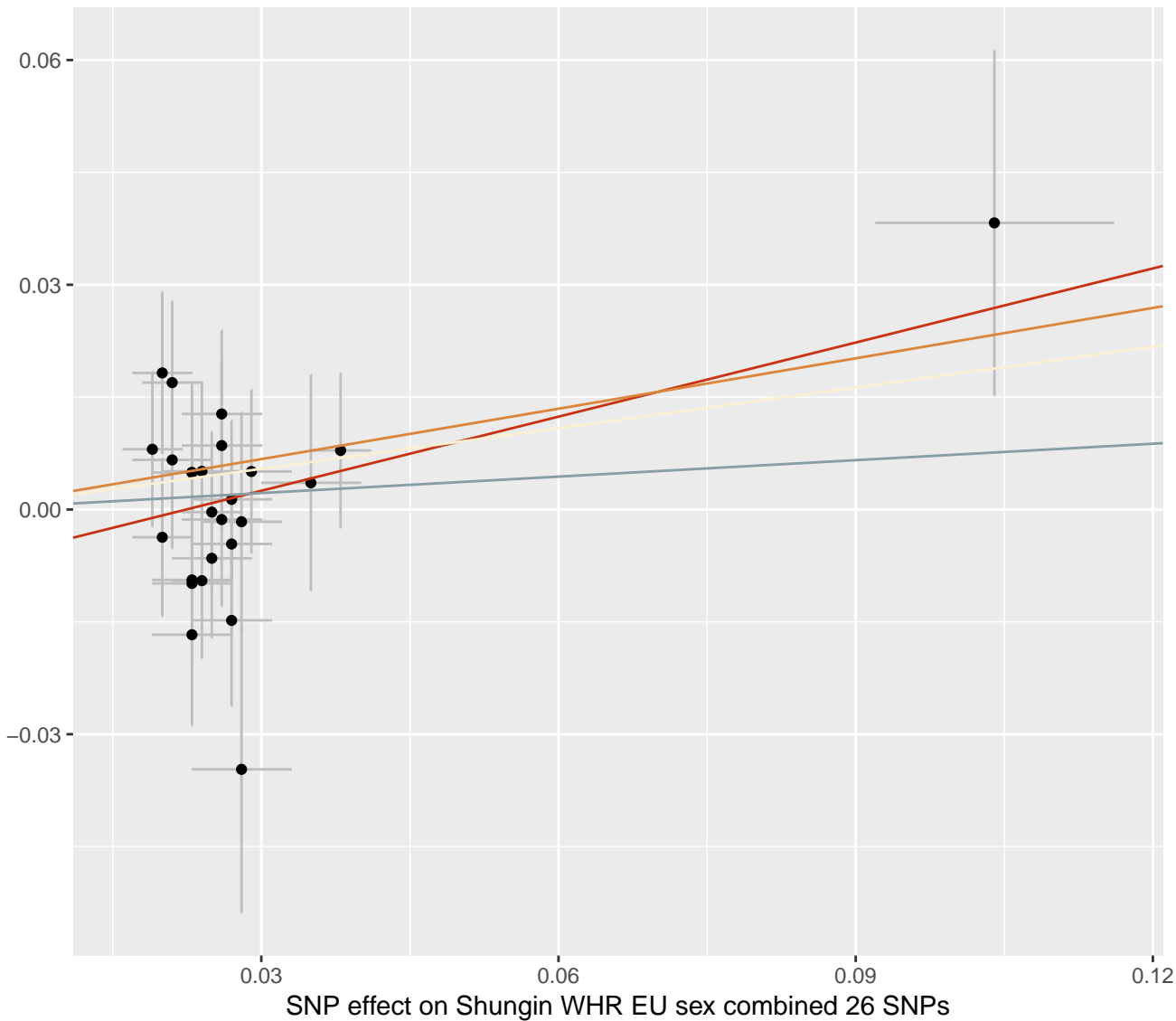
SNP effect on Free cholesterol in IDL || id:868



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

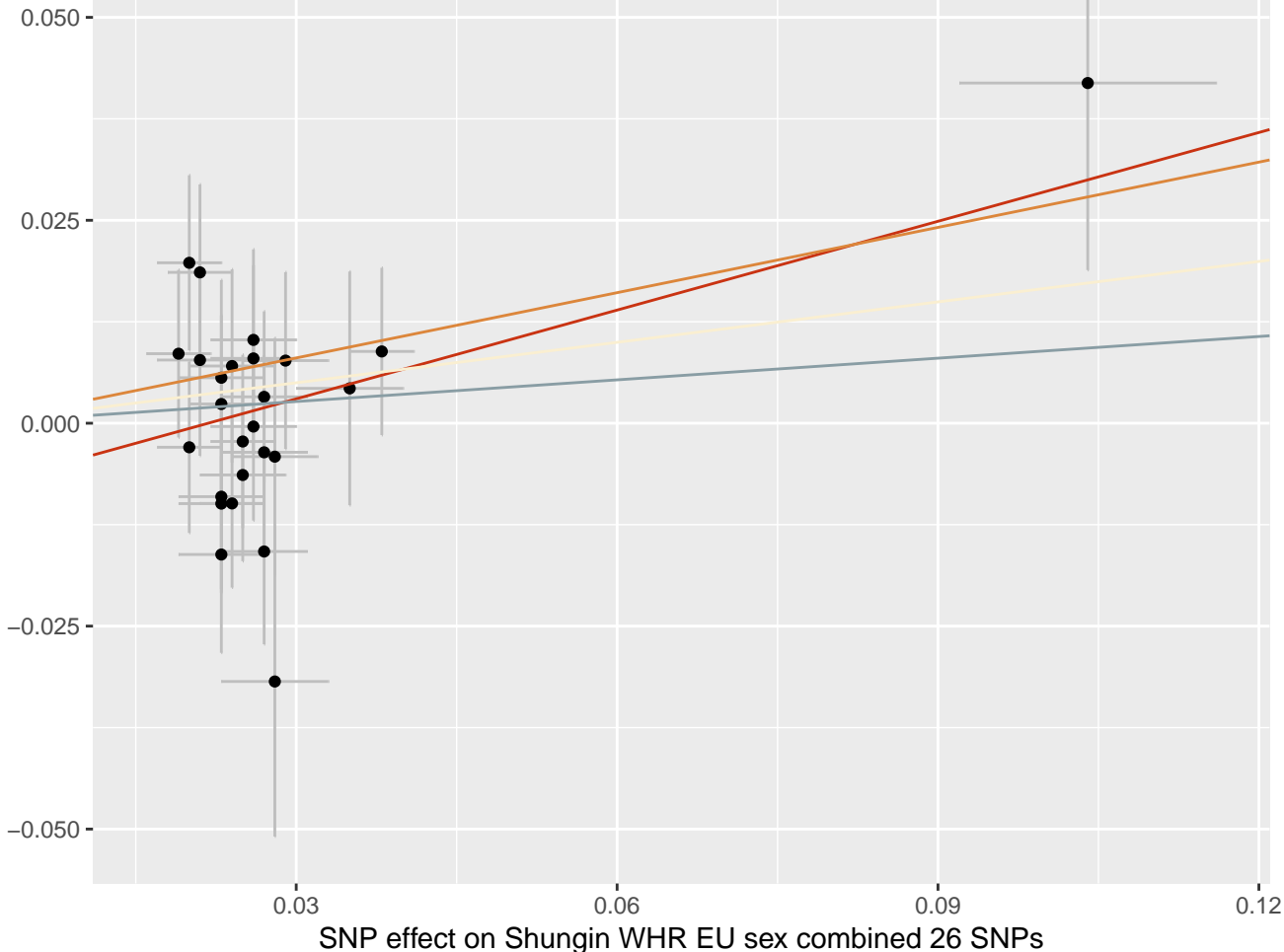
SNP effect on Total lipids in IDL || id:869



MR Test

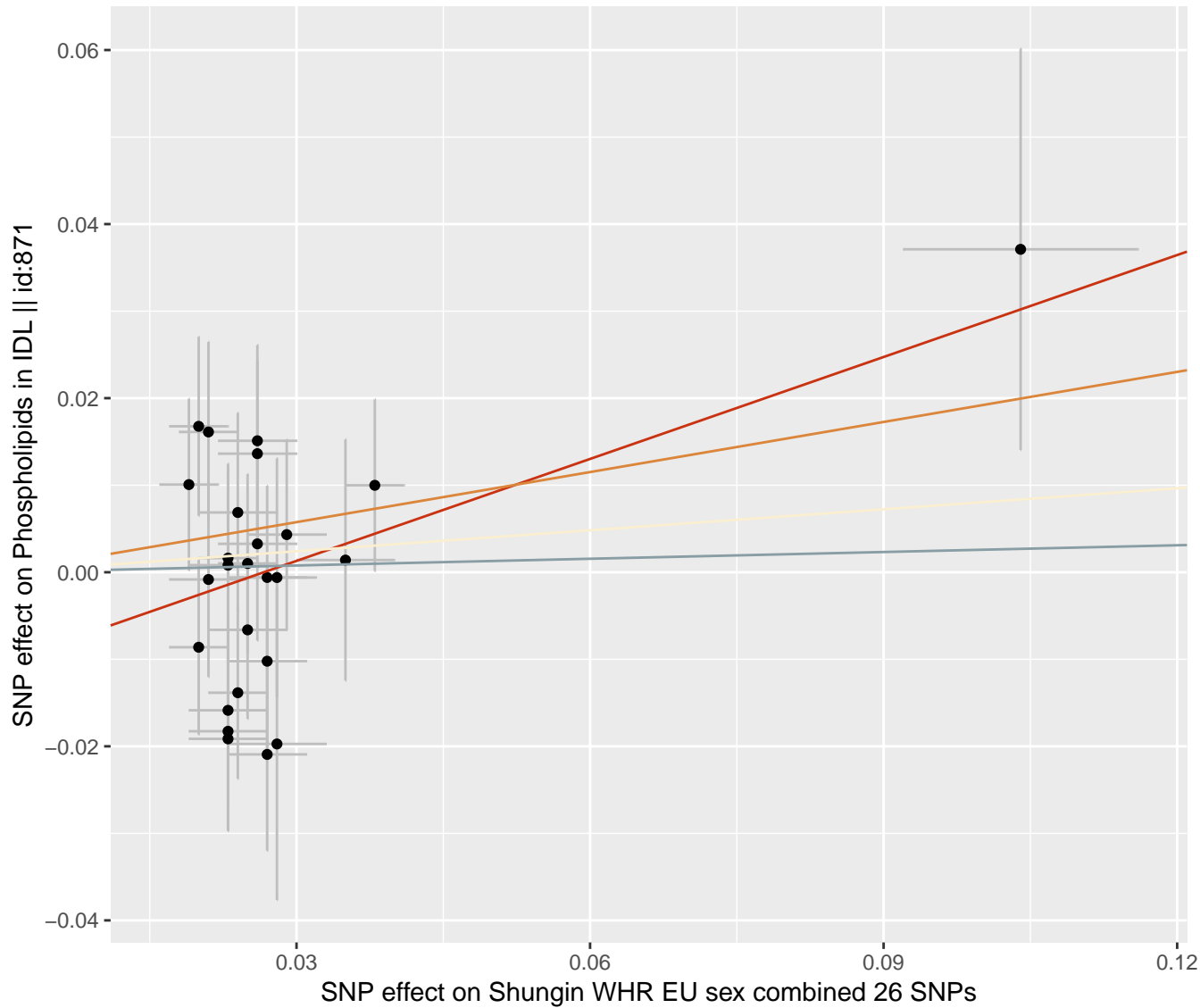
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Concentration of IDL particles || id:870



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test



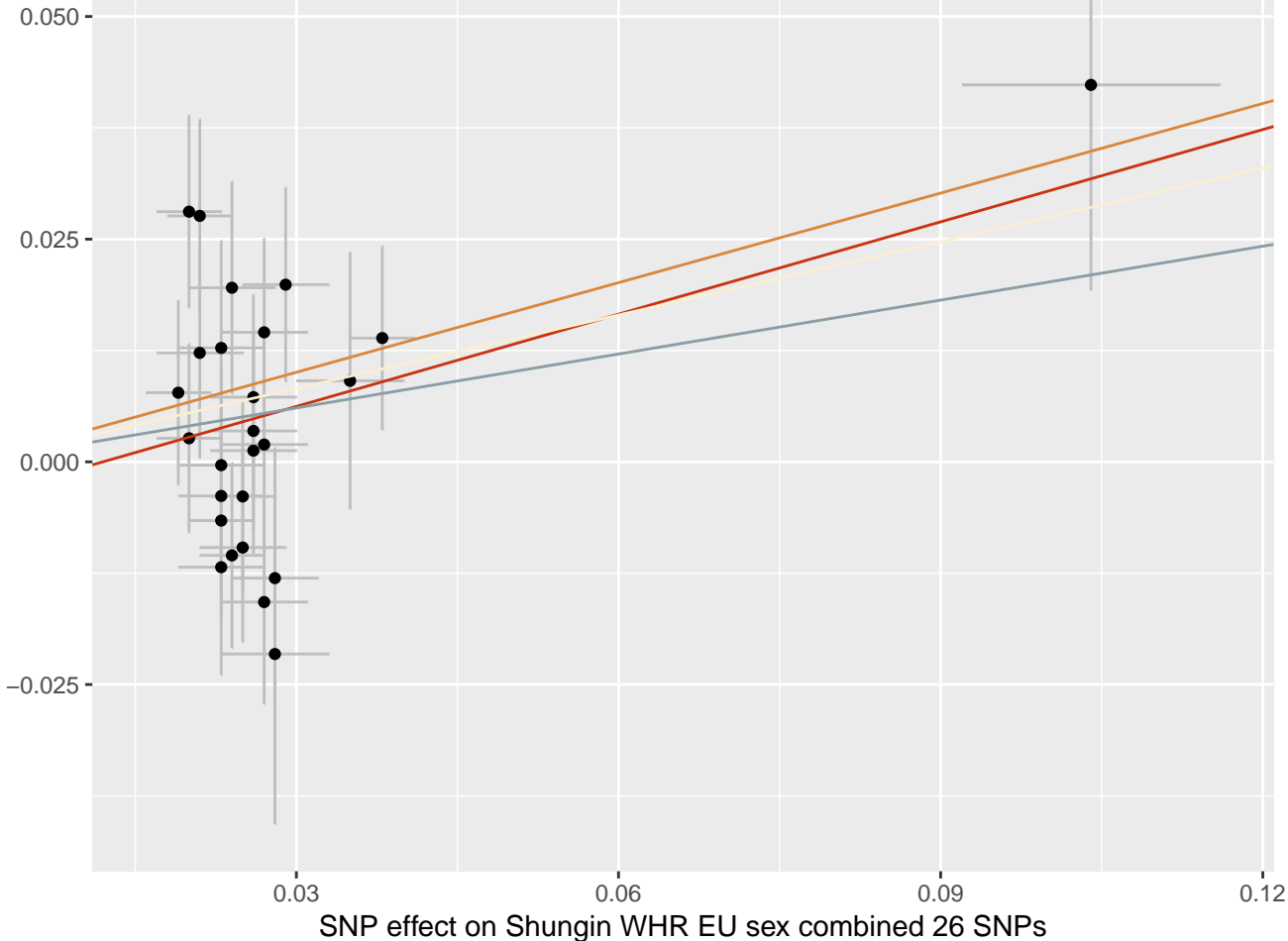
Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

Weighted mode

SNP effect on Triglycerides in IDL || id:872



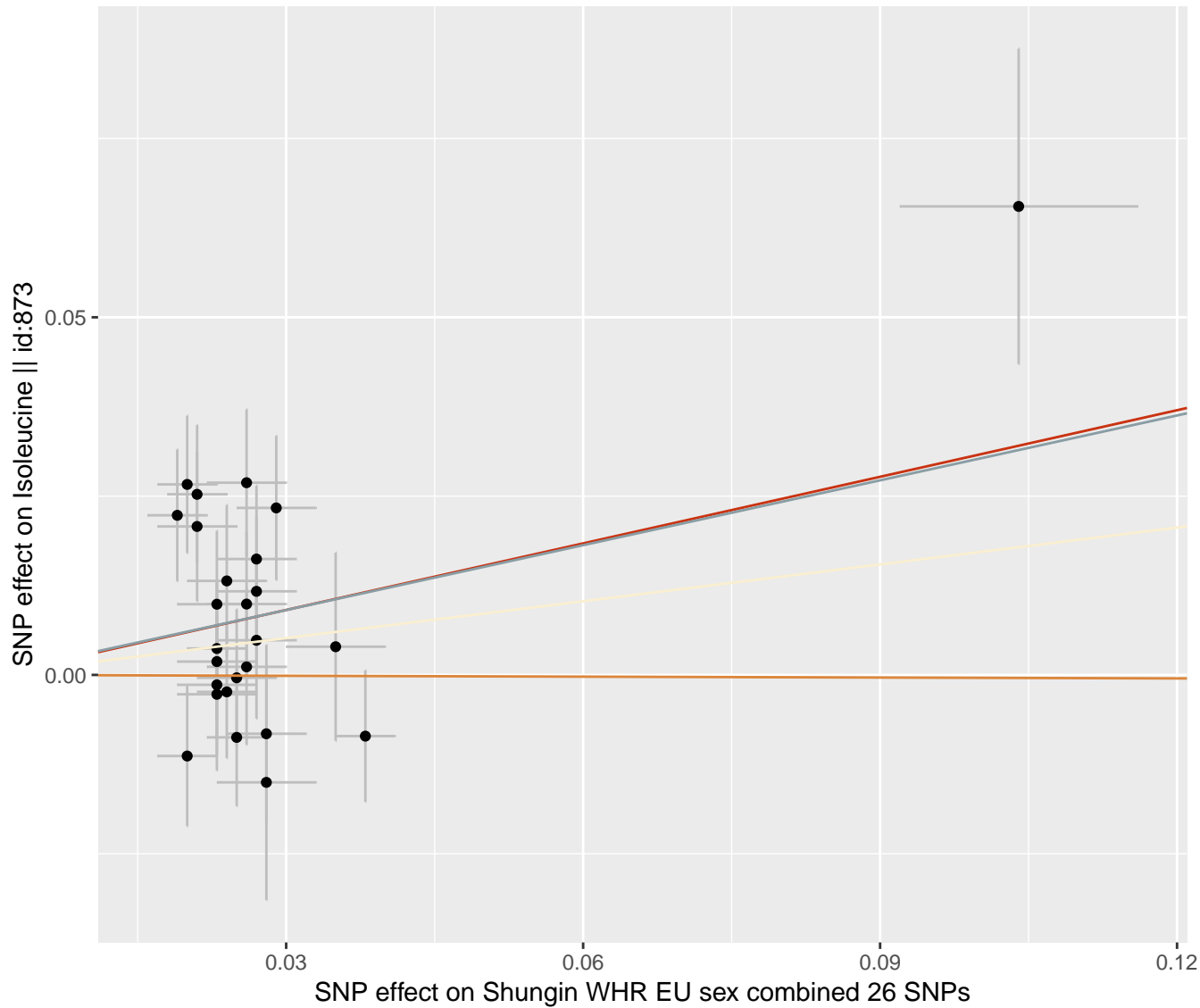
MR Test

Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

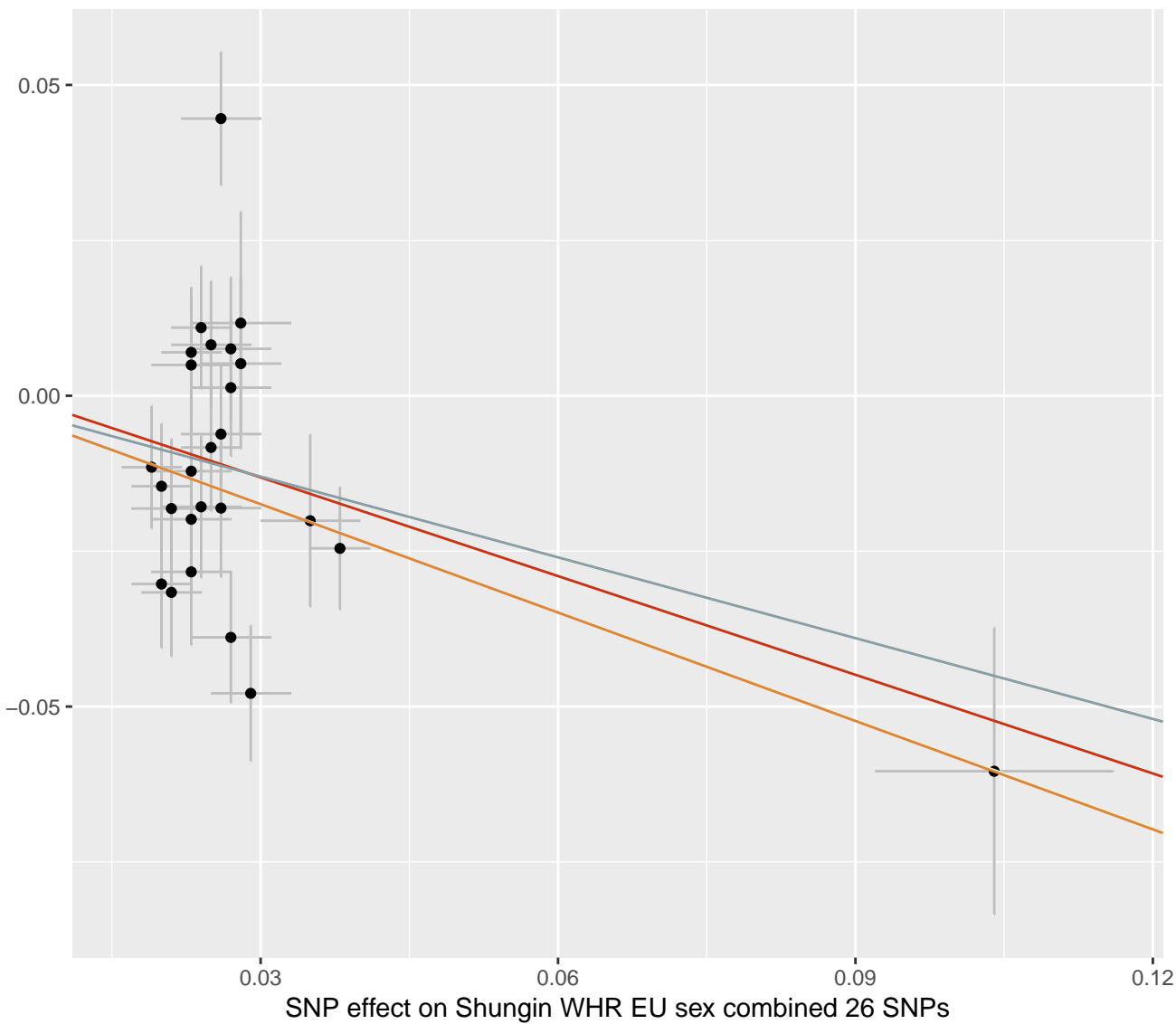
 Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

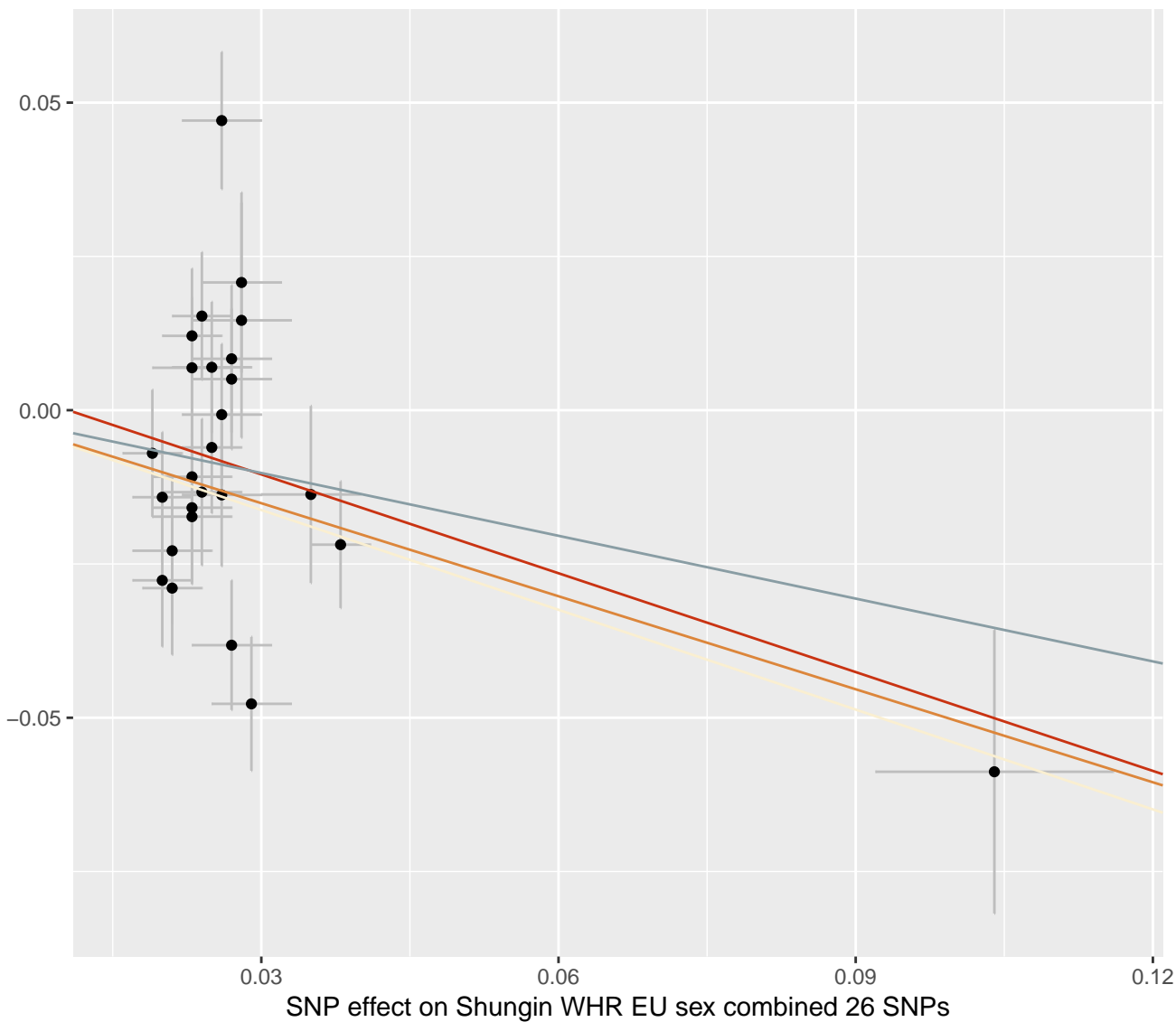
SNP effect on Total cholesterol in large HDL || id:874



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

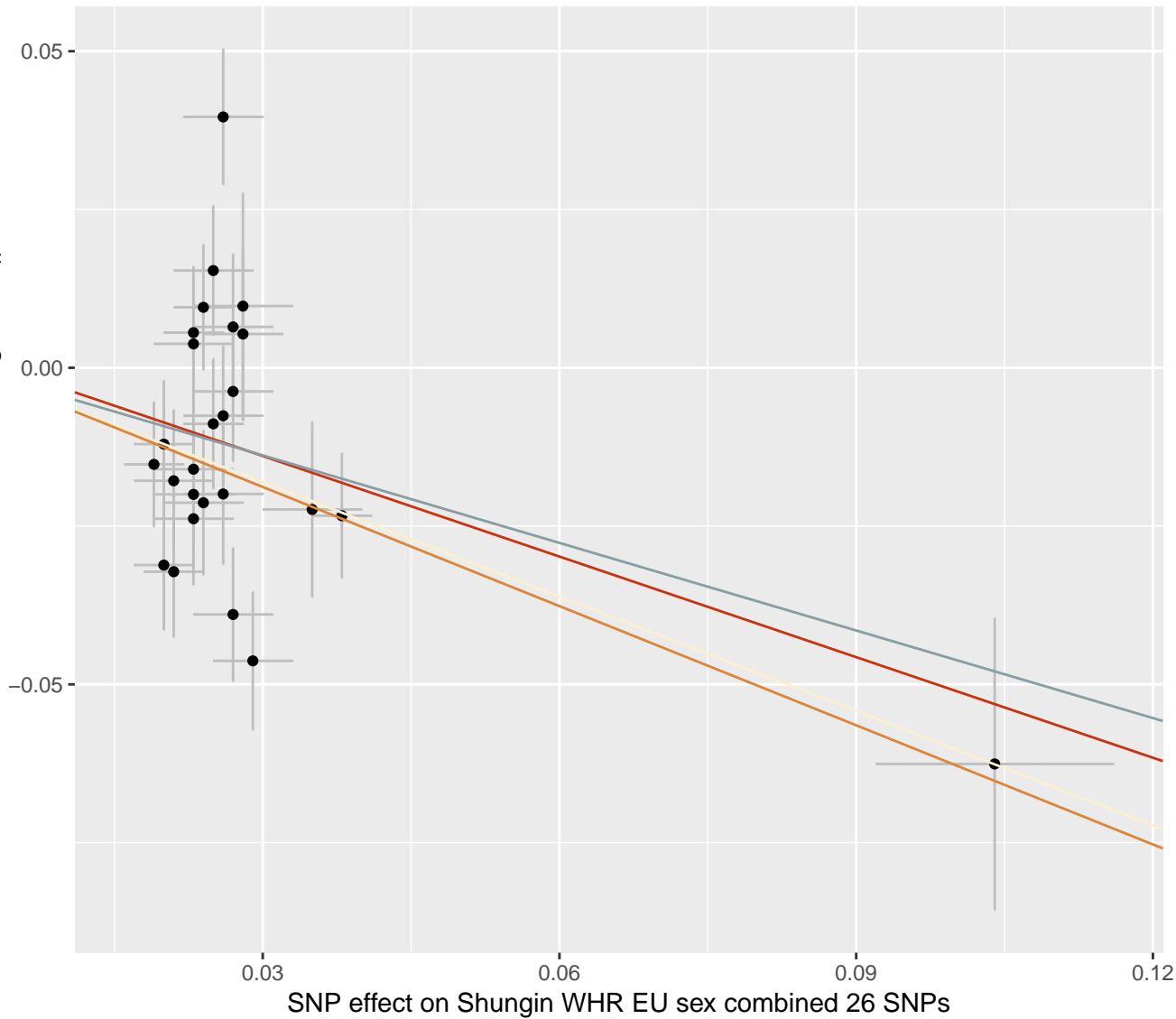
SNP effect on Cholesterol esters in large HDL || id:875



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

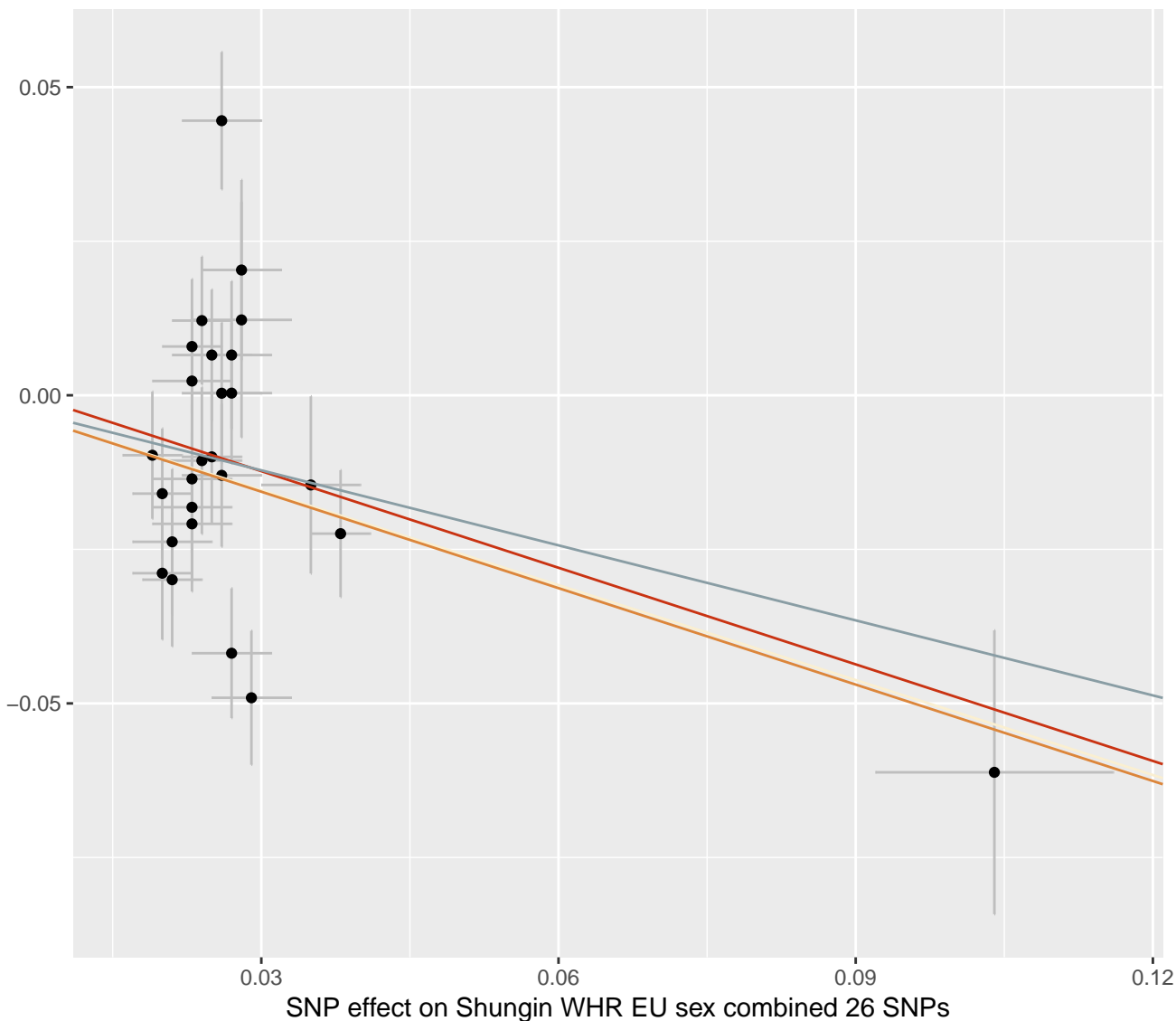
SNP effect on Free cholesterol in large HDL || id:876



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

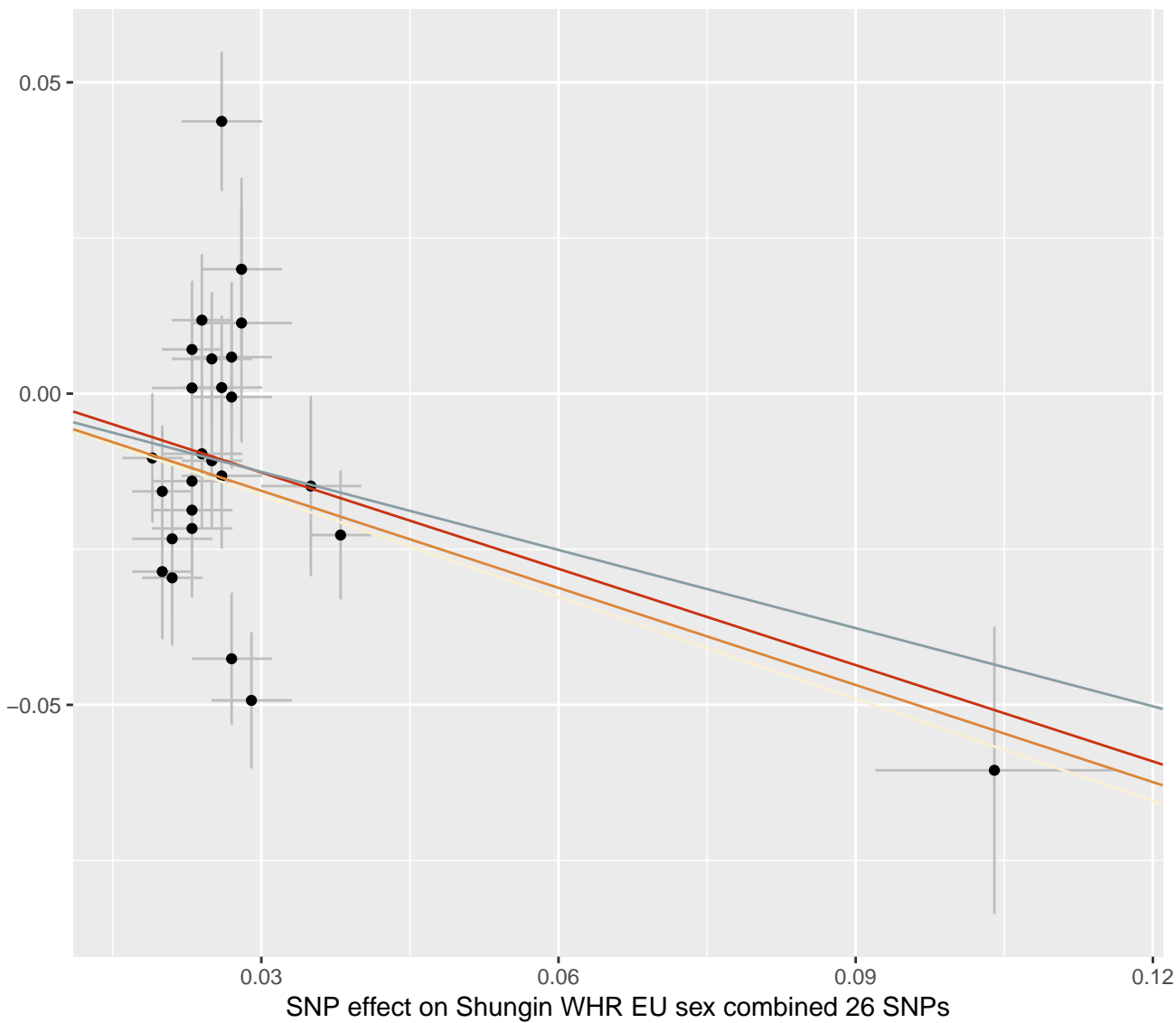
SNP effect on Total lipids in large HDL || id:877



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

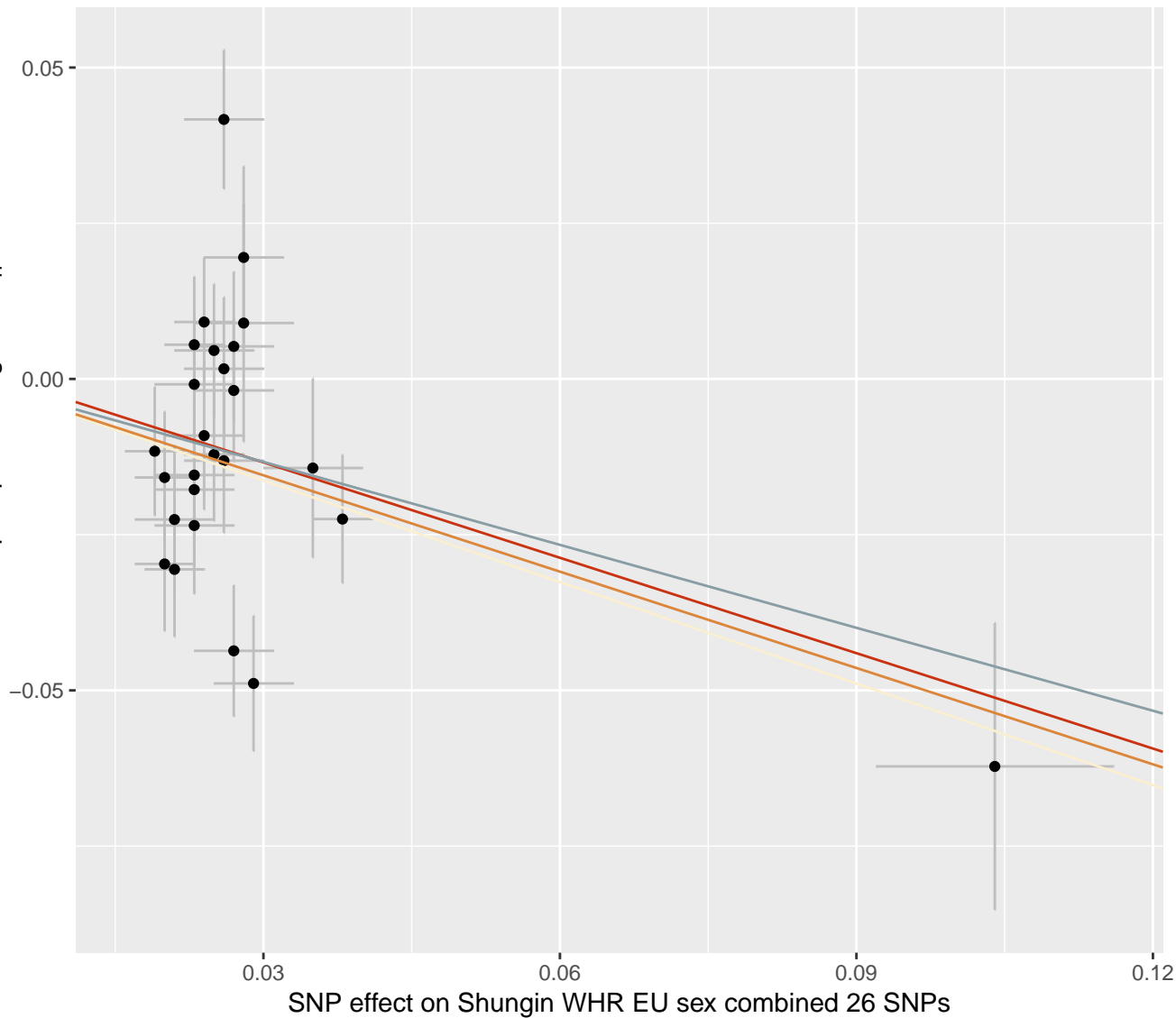
SNP effect on Concentration of large HDL particles || id:878



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

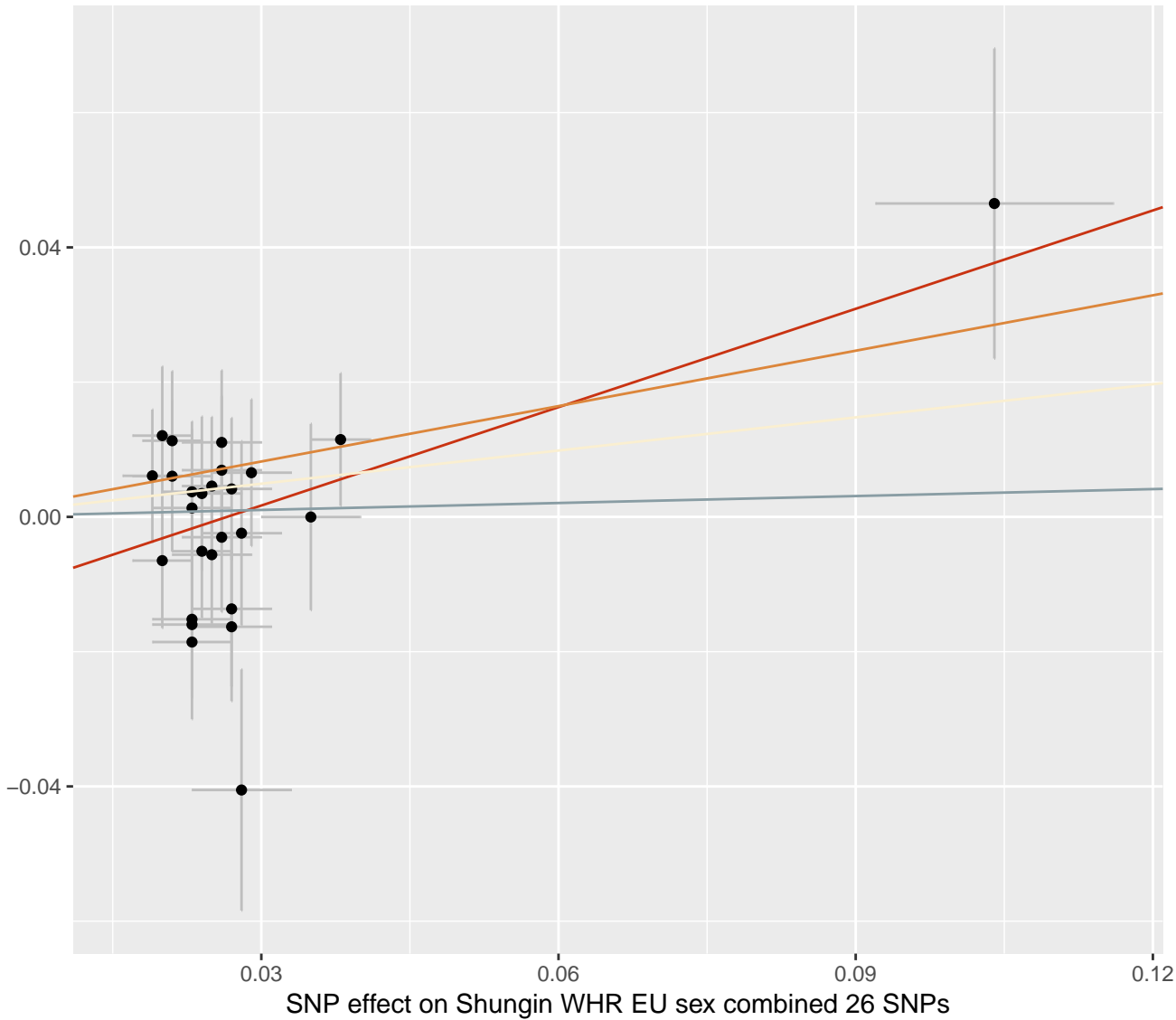
SNP effect on Phospholipids in large HDL || id:879



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

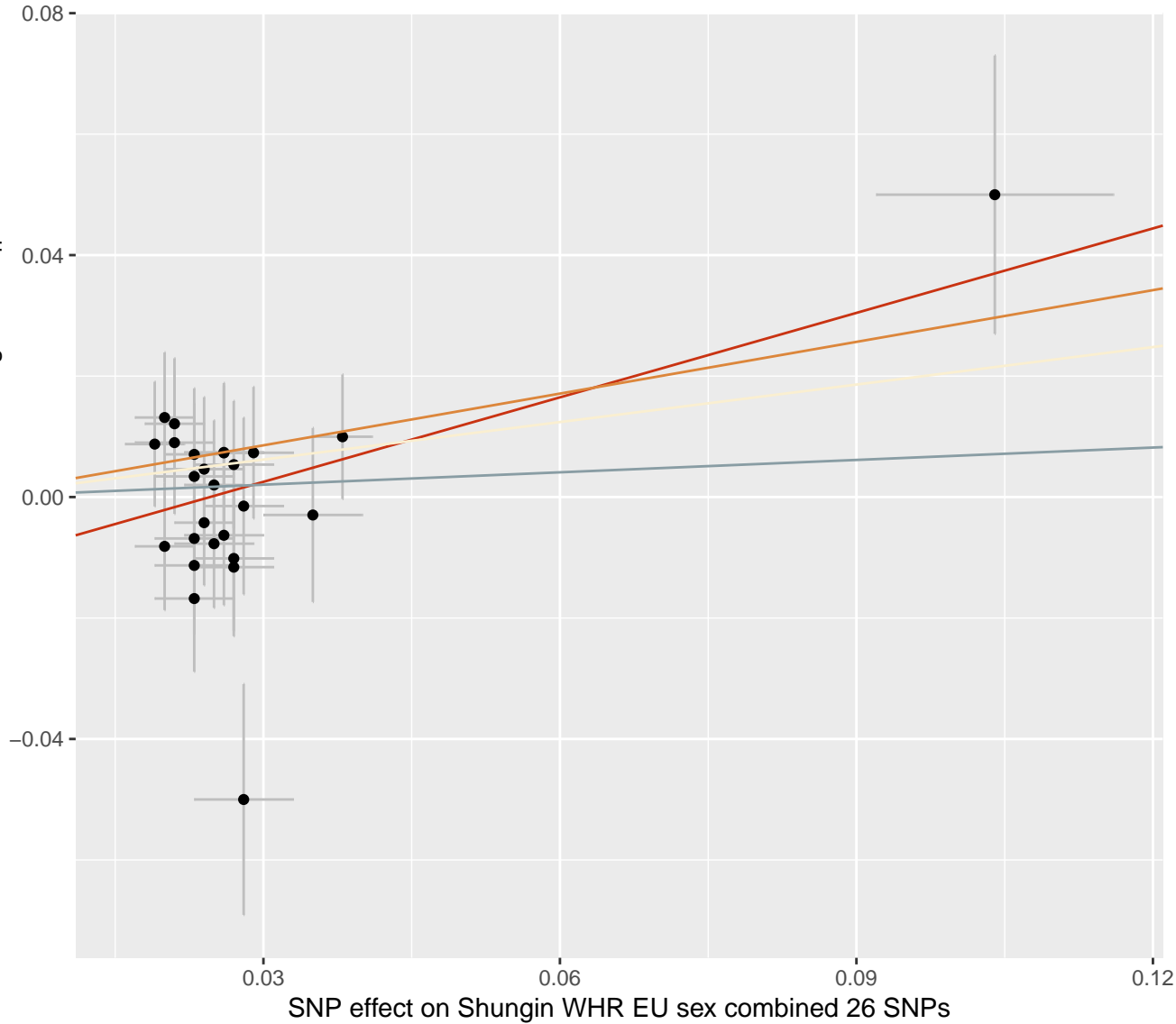
SNP effect on Total cholesterol in large LDL || id:880



MR Test

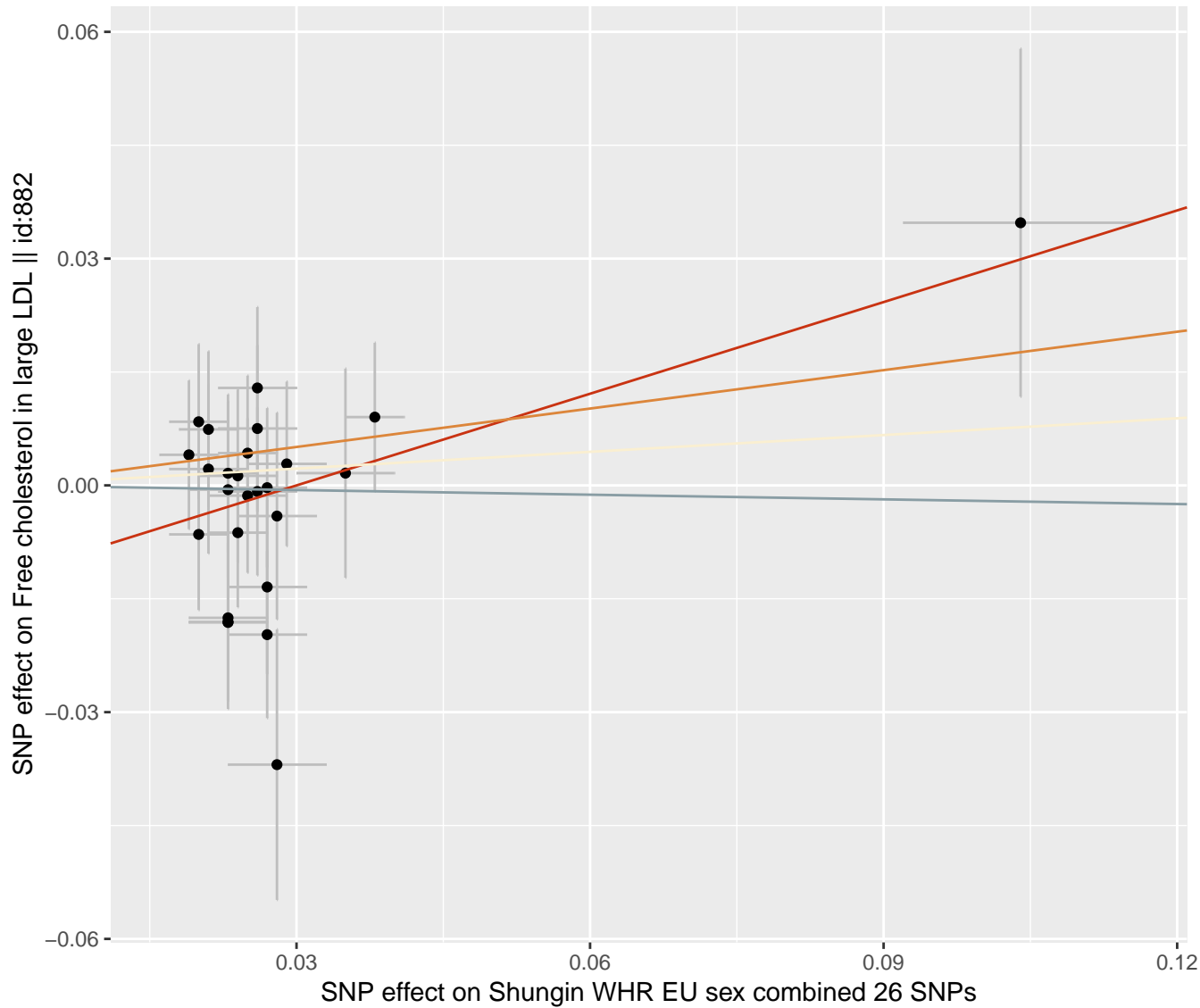
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Cholesterol esters in large VLDL || id:881



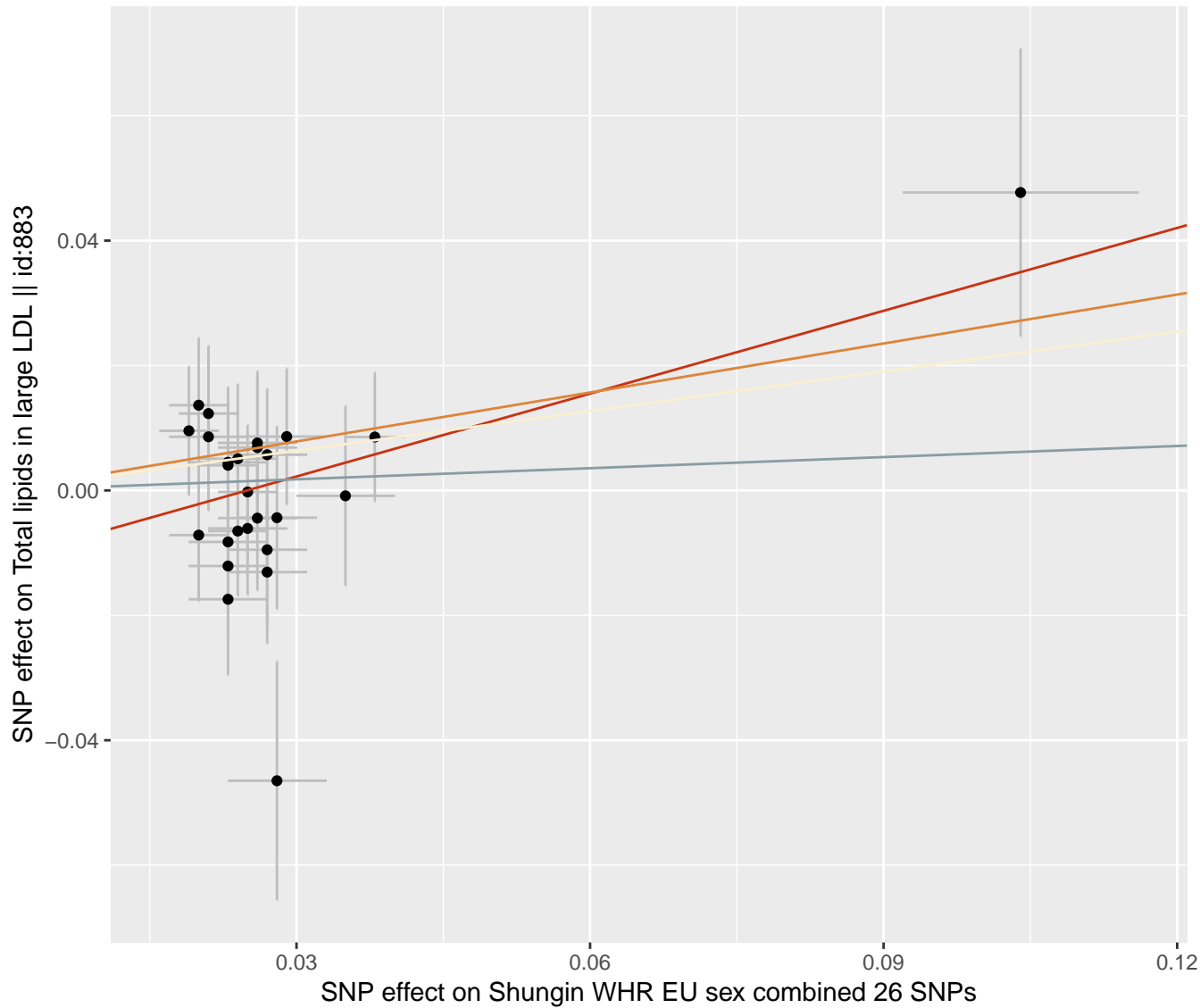
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

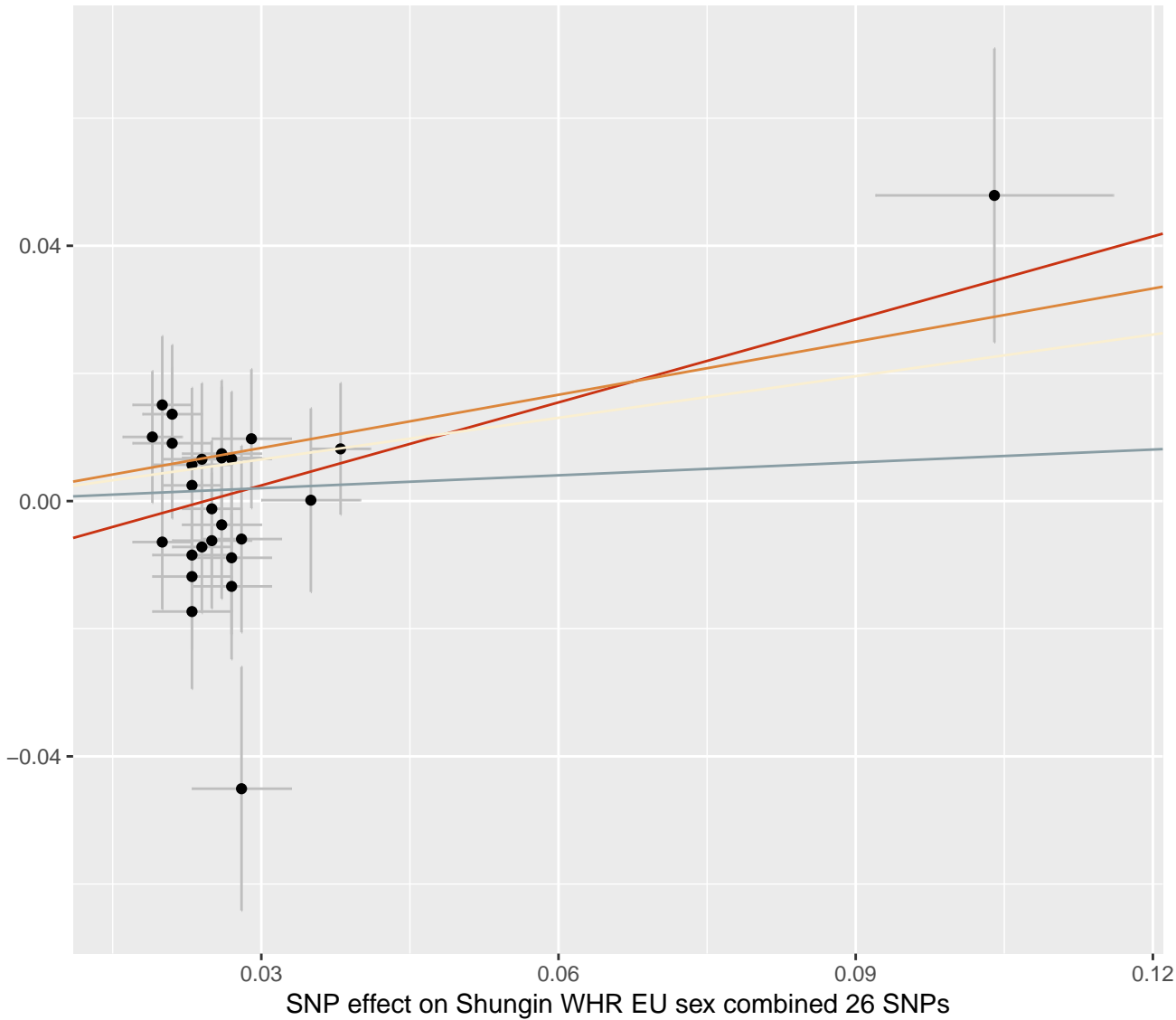
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

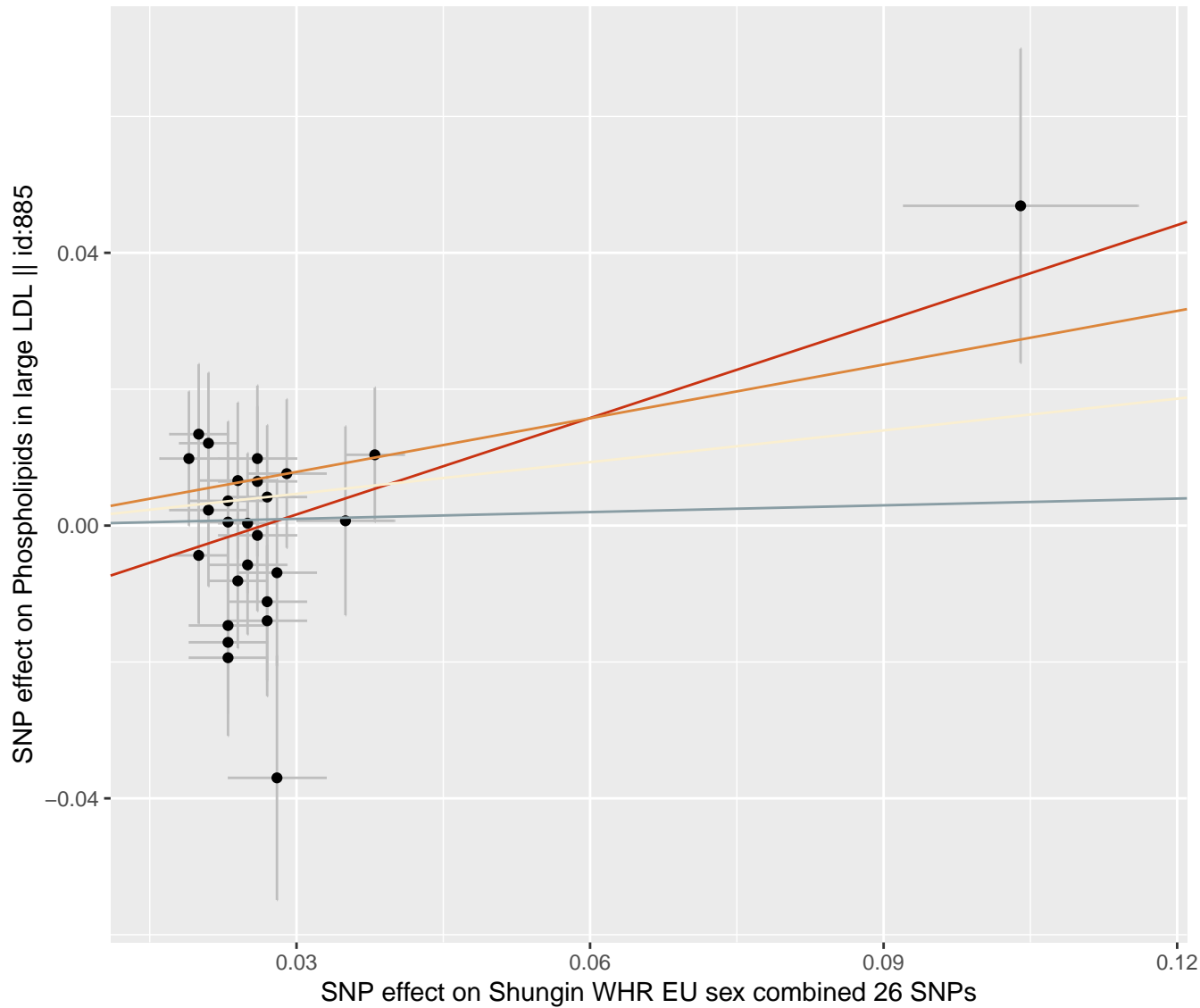
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Concentration of large LDL particles || id:884



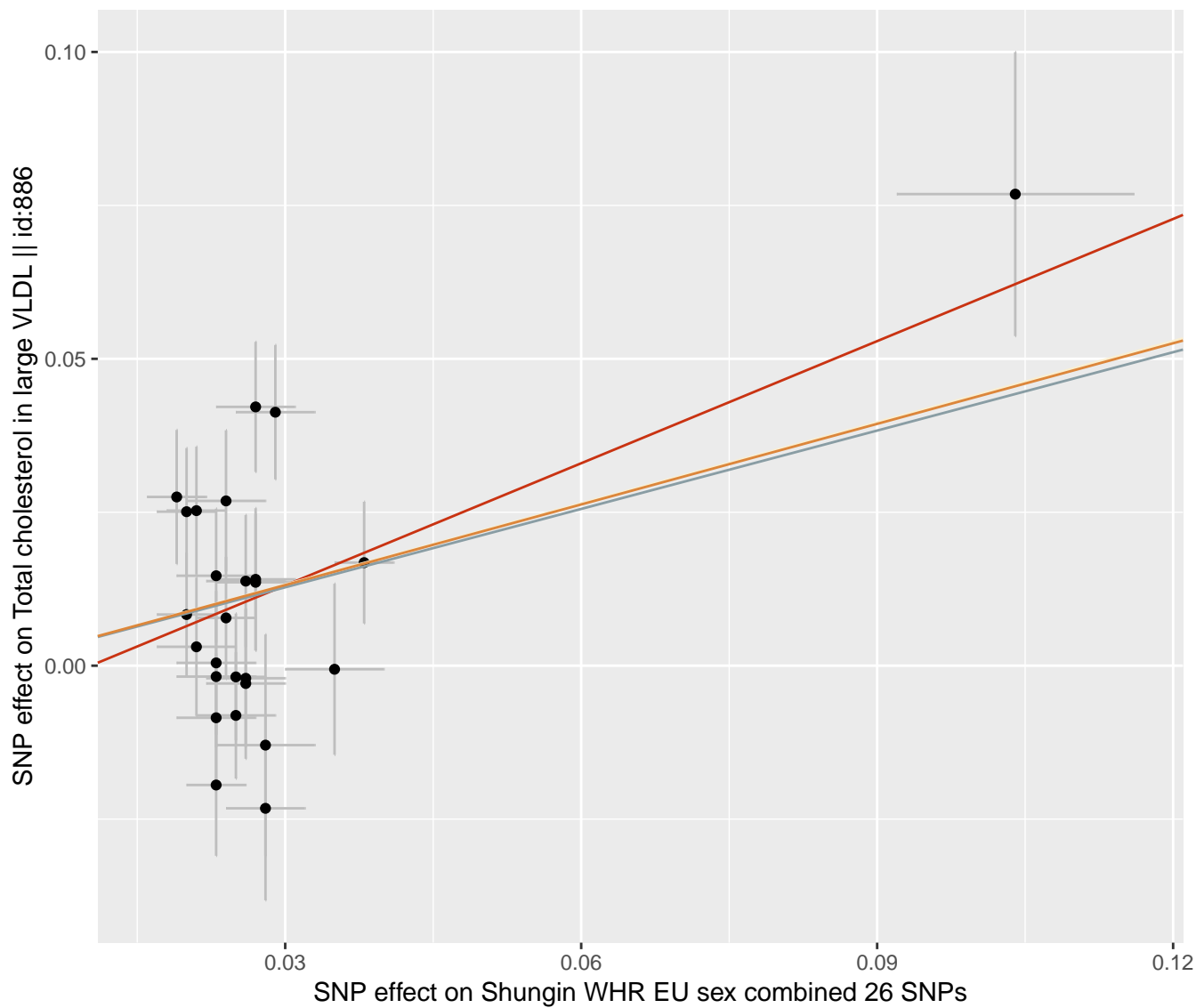
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

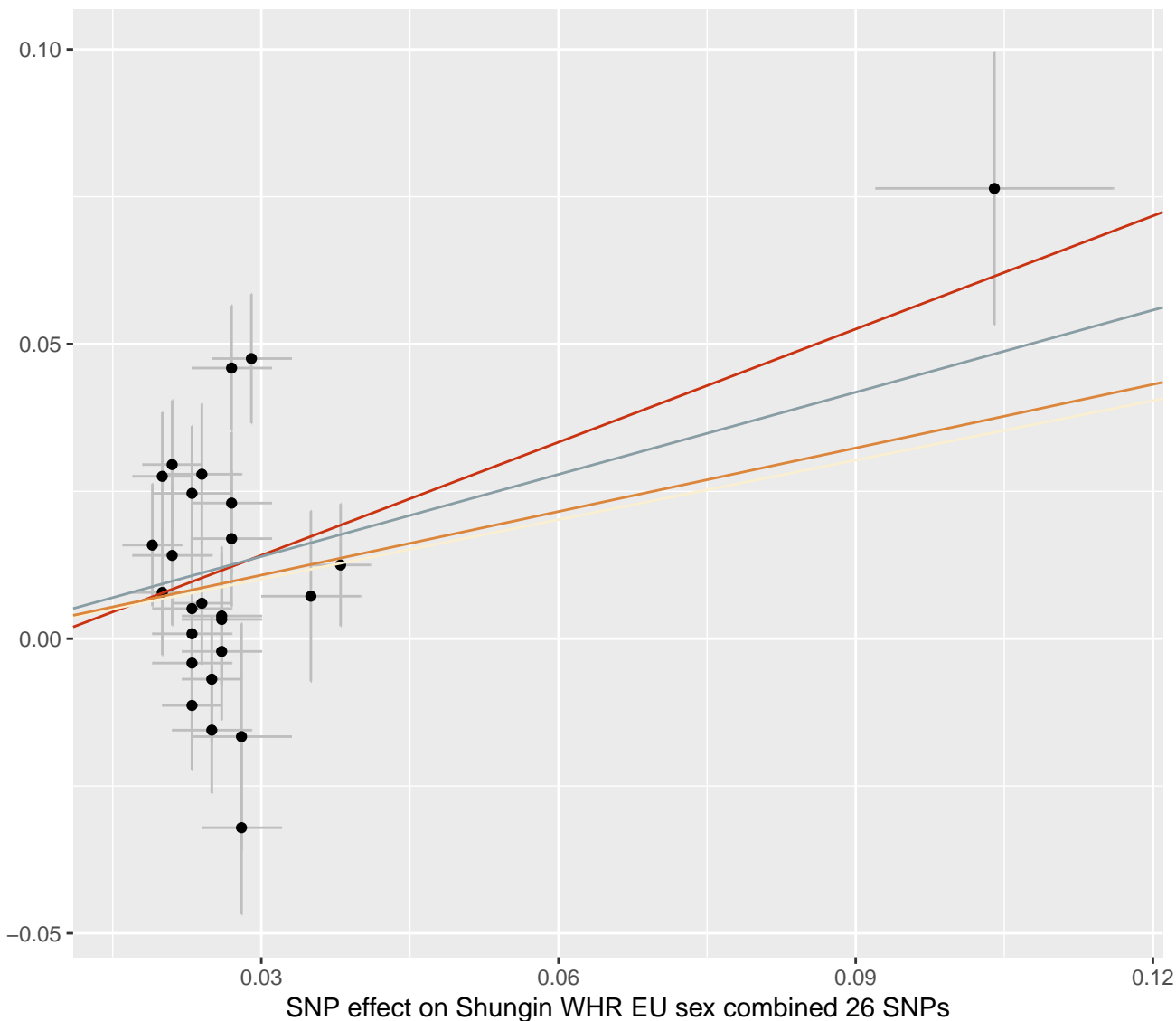
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

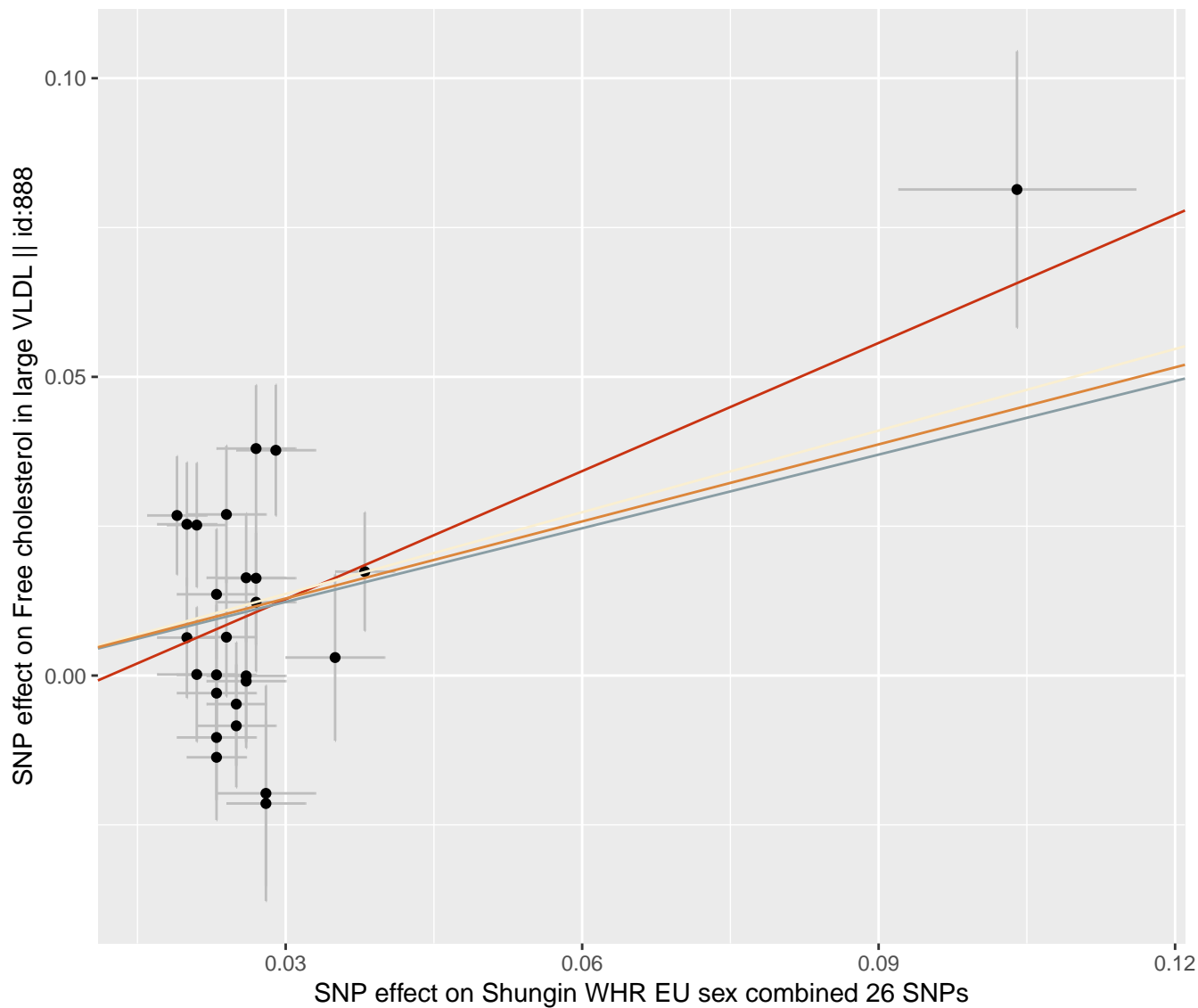
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Cholesterol esters in large VLDL || id:887



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

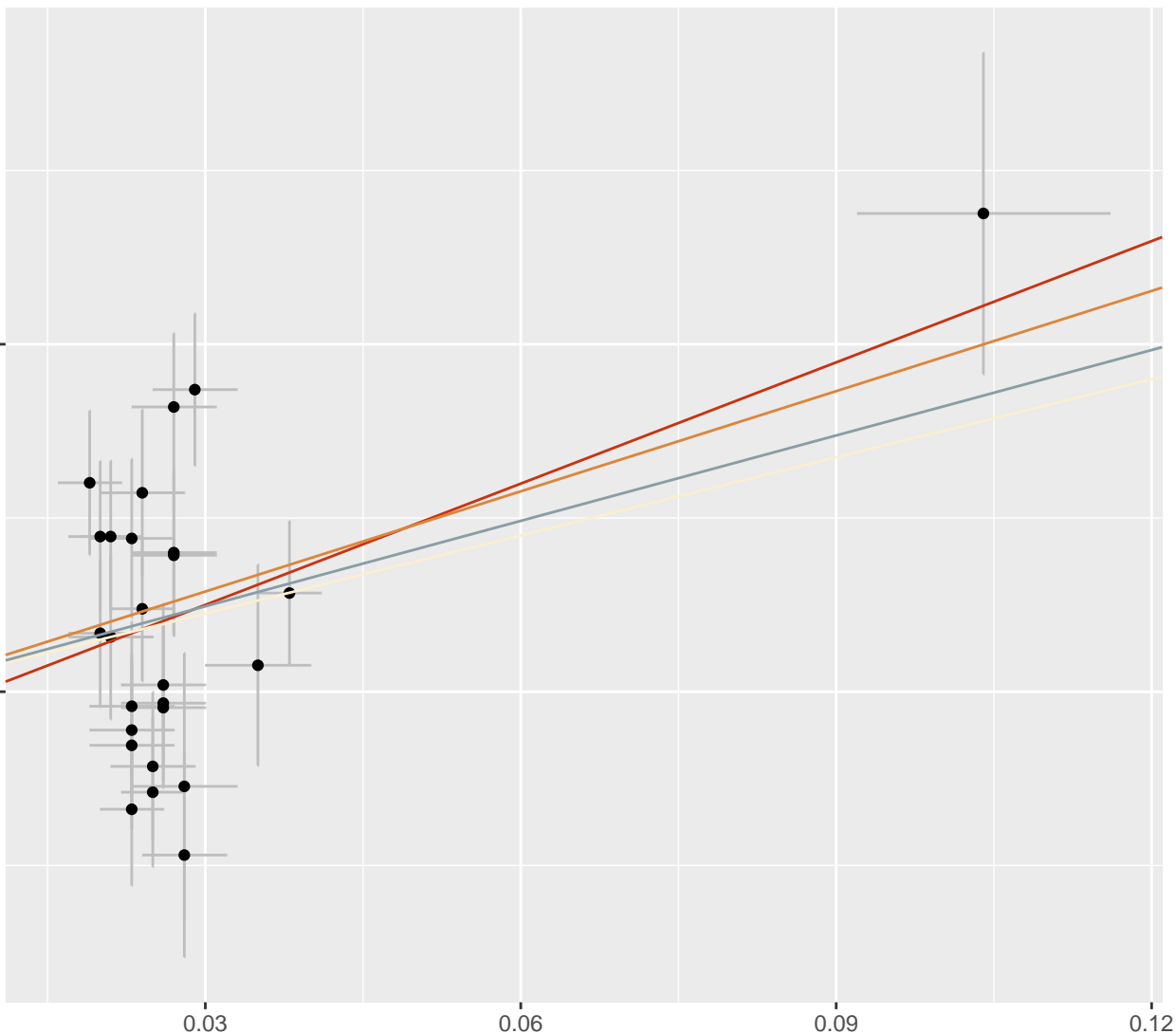


MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

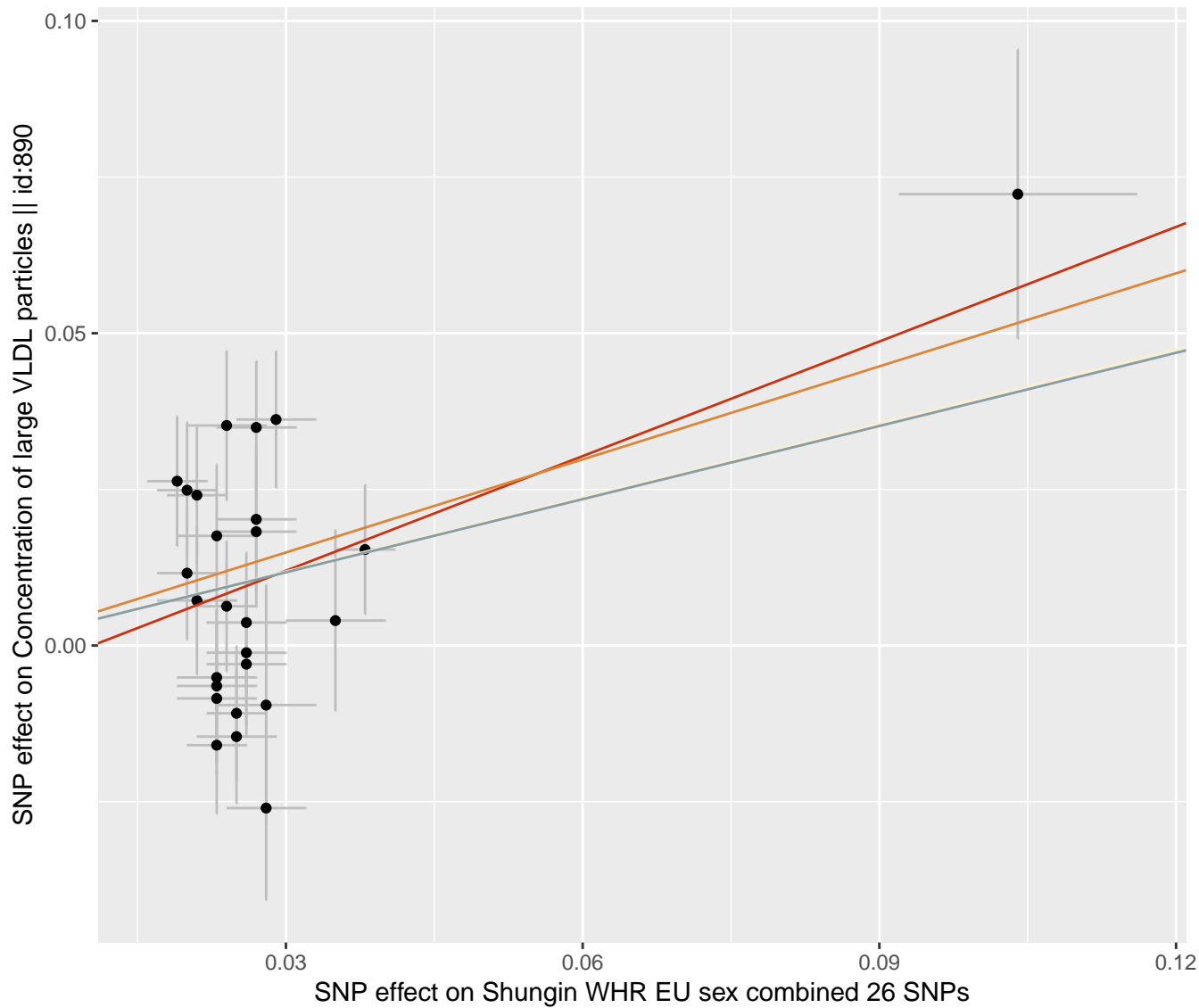
SNP effect on Total lipids in large VLDL || id:889

SNP effect on Shungin WHR EU sex combined 26 SNPs



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Phospholipids in large VLDL || id:891

0.05

0.00

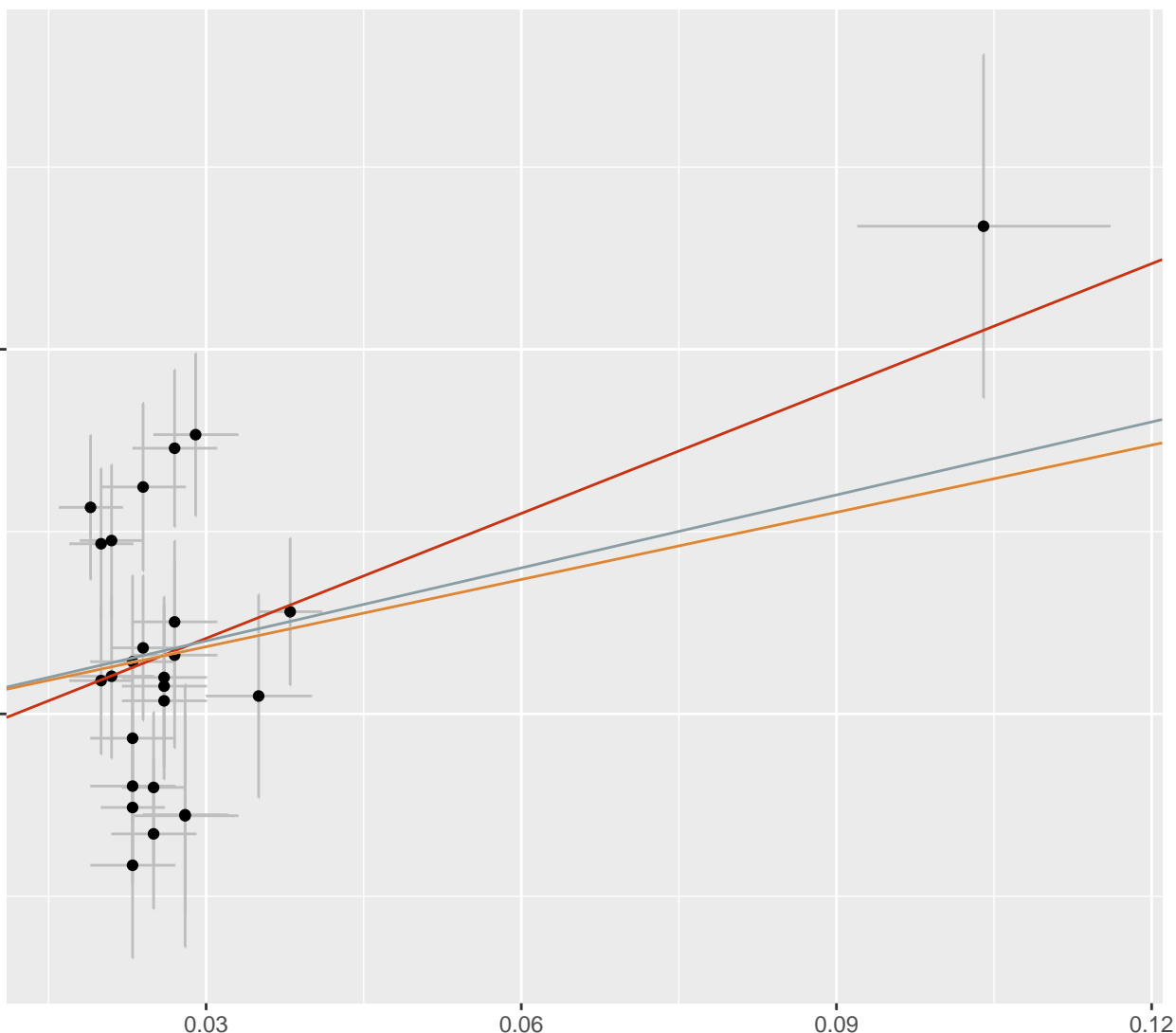
0.03

0.06

0.09

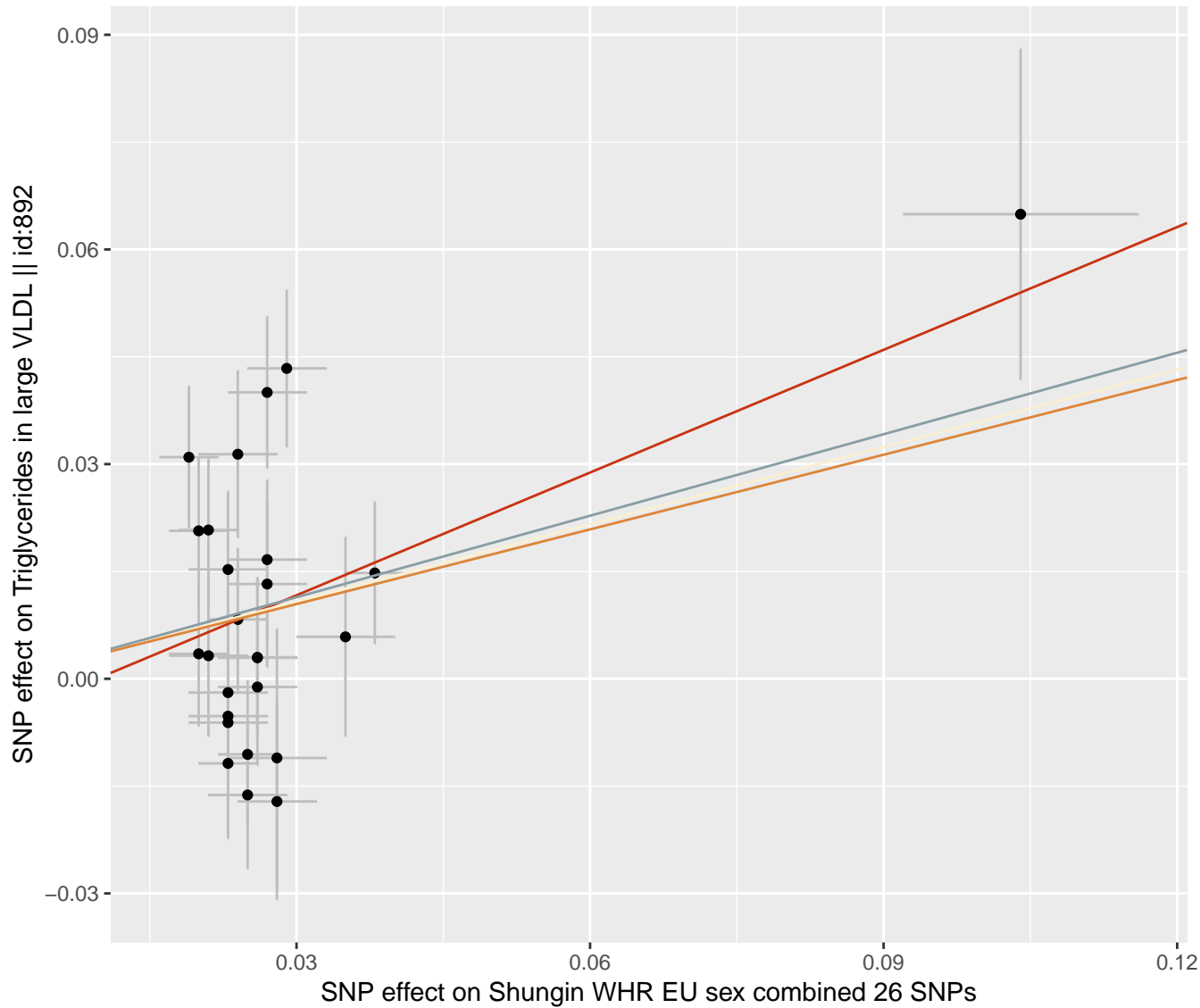
0.12

SNP effect on Shungin WHR EU sex combined 26 SNPs



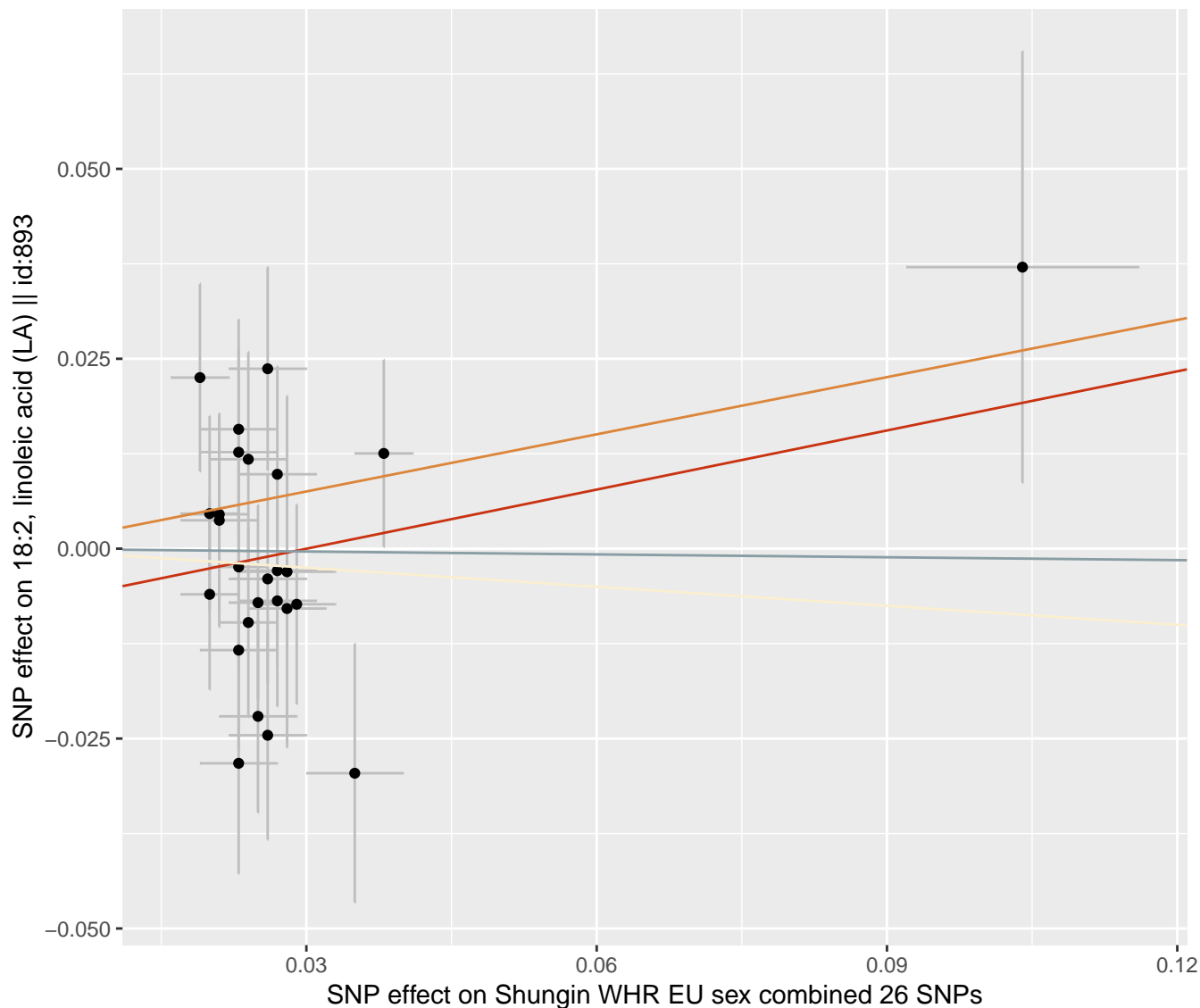
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



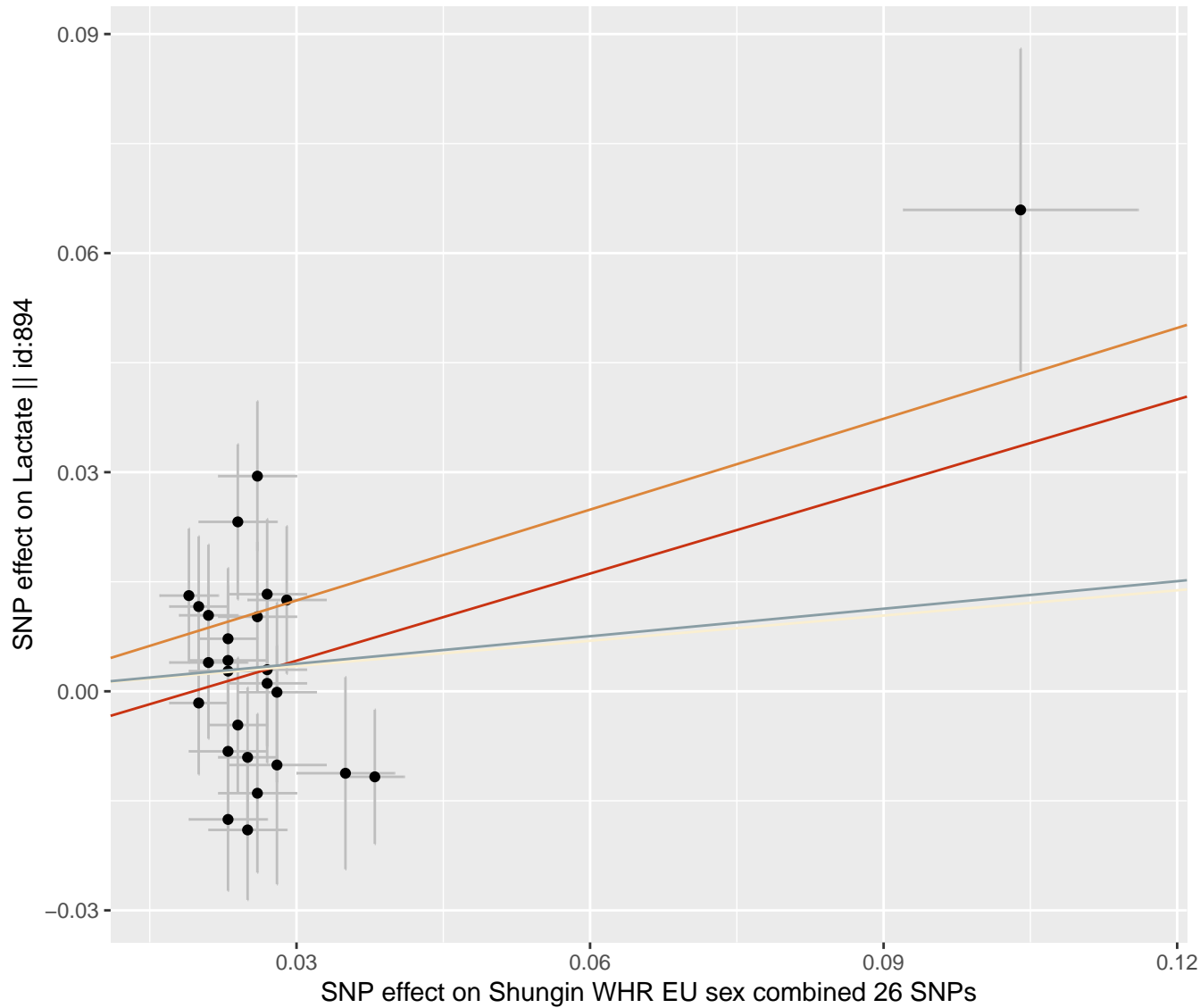
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



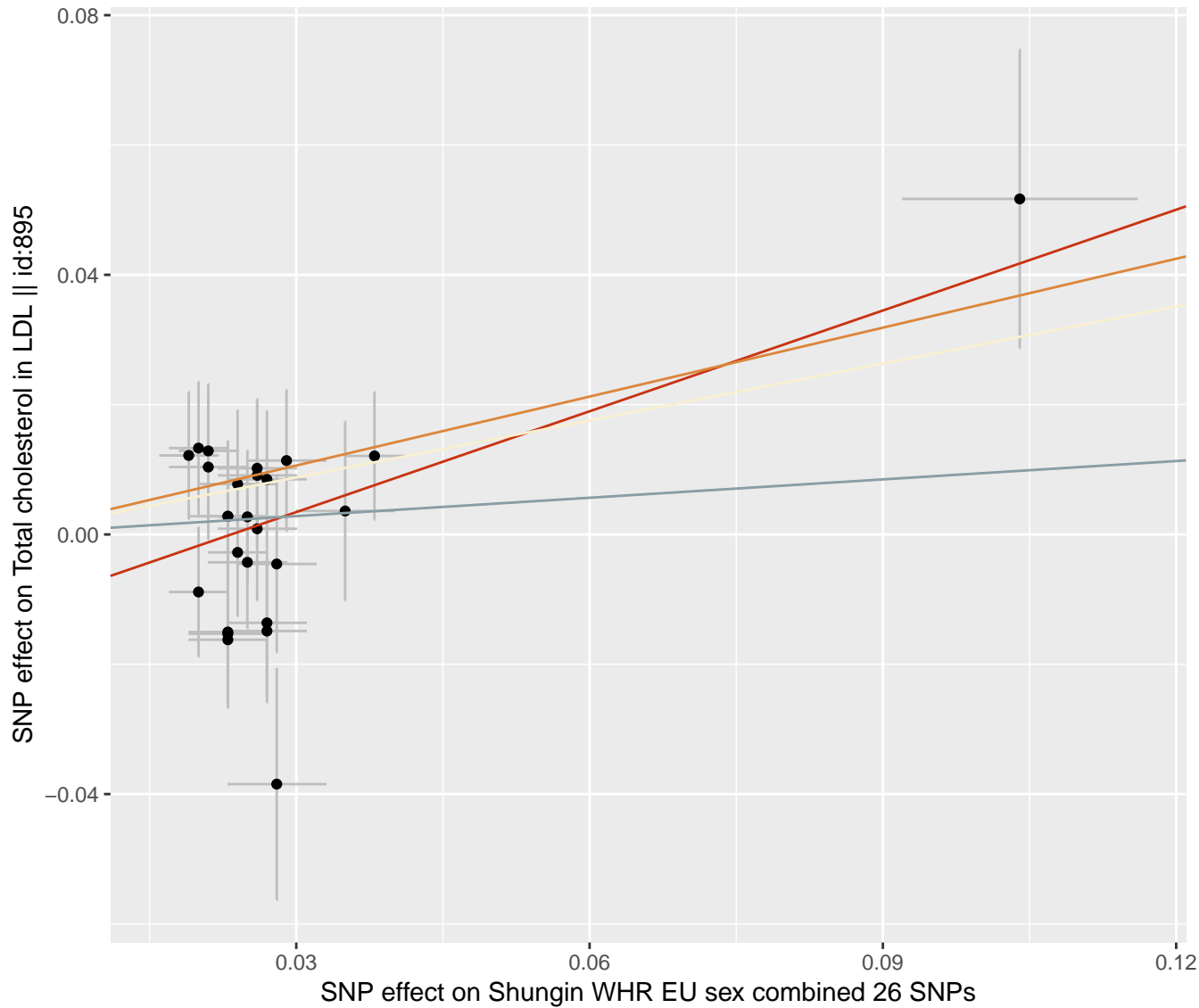
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

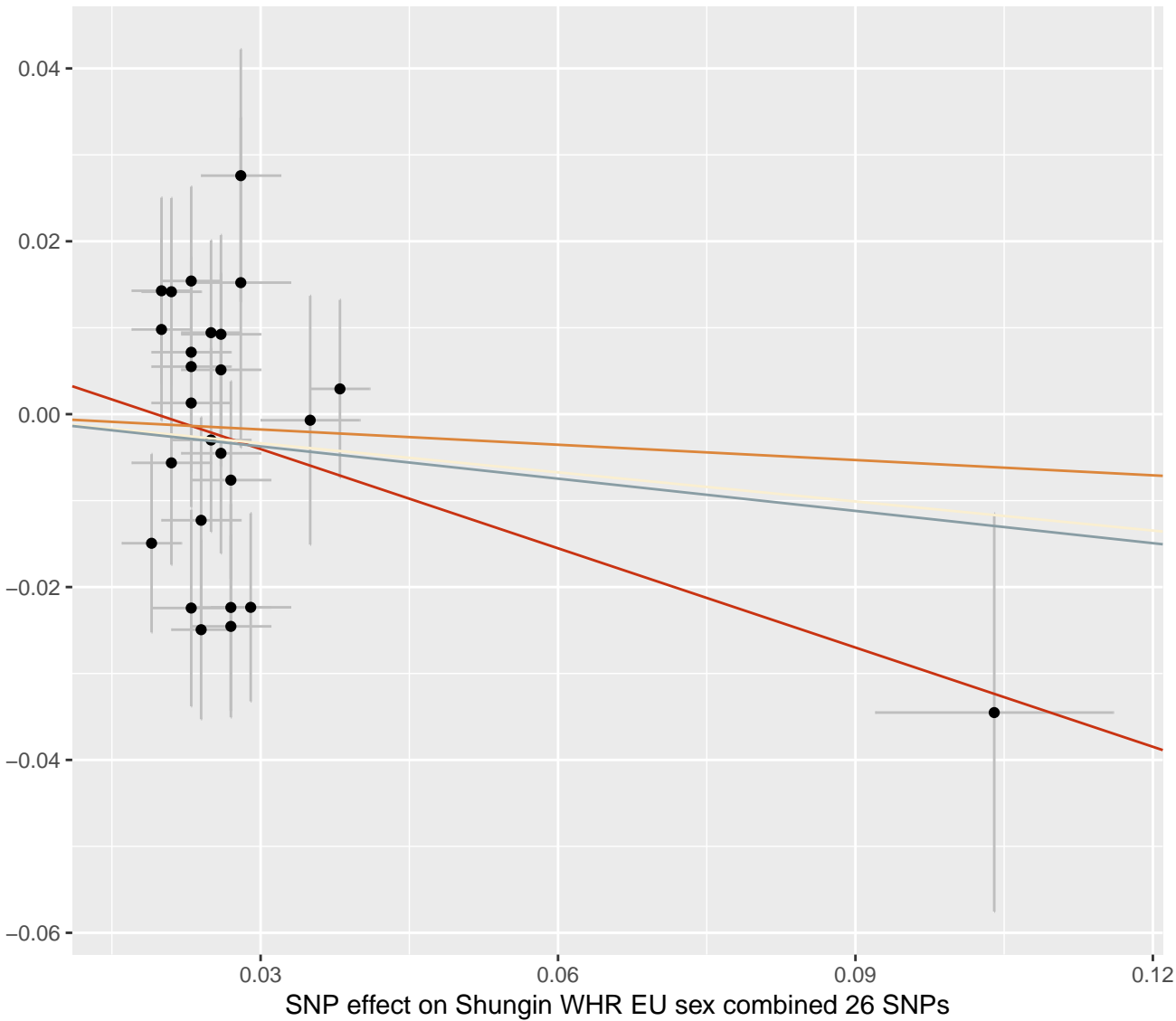
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Mean diameter for LDL particles || id:896



MR Test



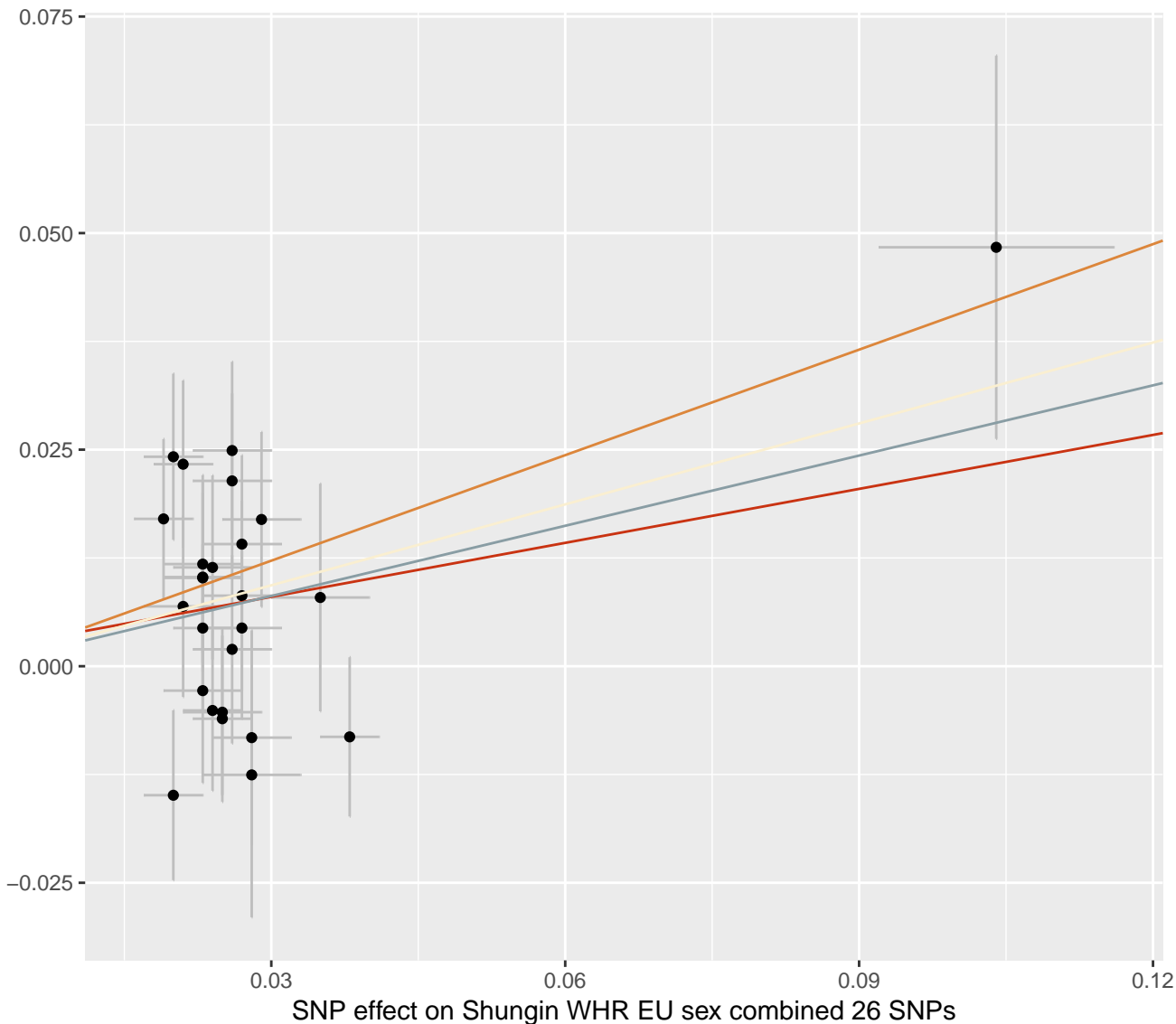
Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

Weighted mode

SNP effect on Leucine || id:897



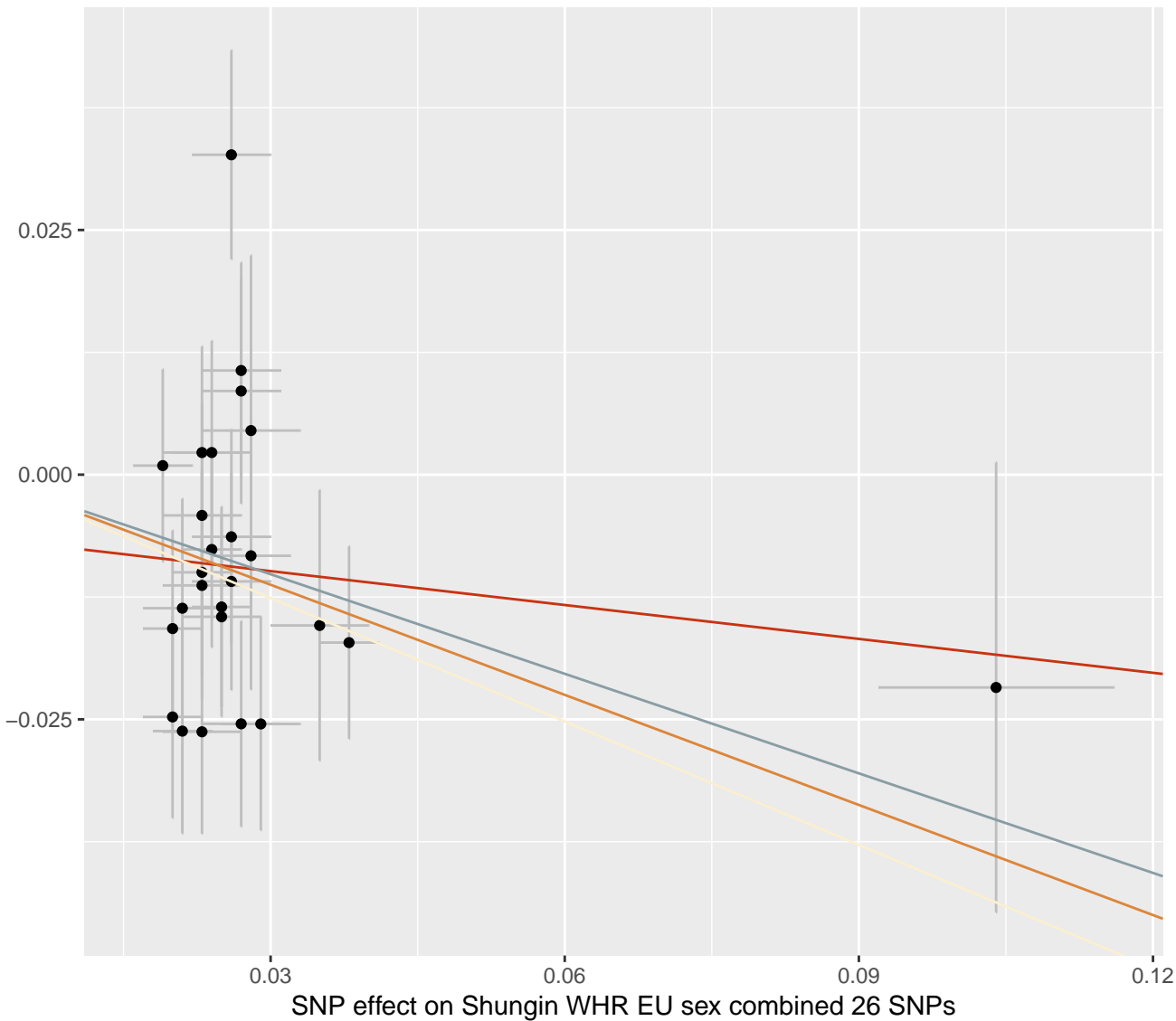
MR Test

Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

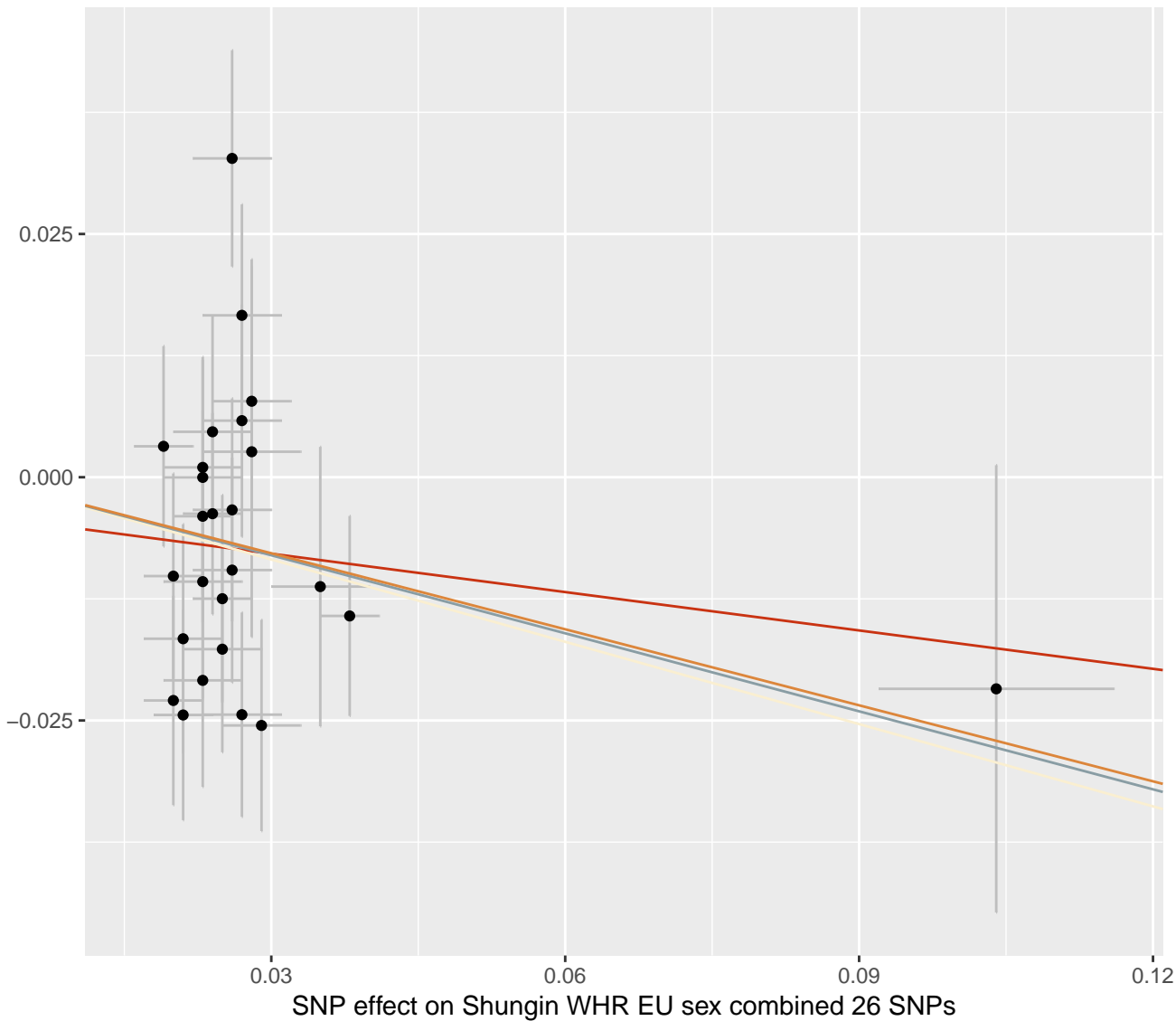
 Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Cholesterol esters in medium HDL || id:899



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Free cholesterol in medium HDL || id:900

0.025

0.000

-0.025

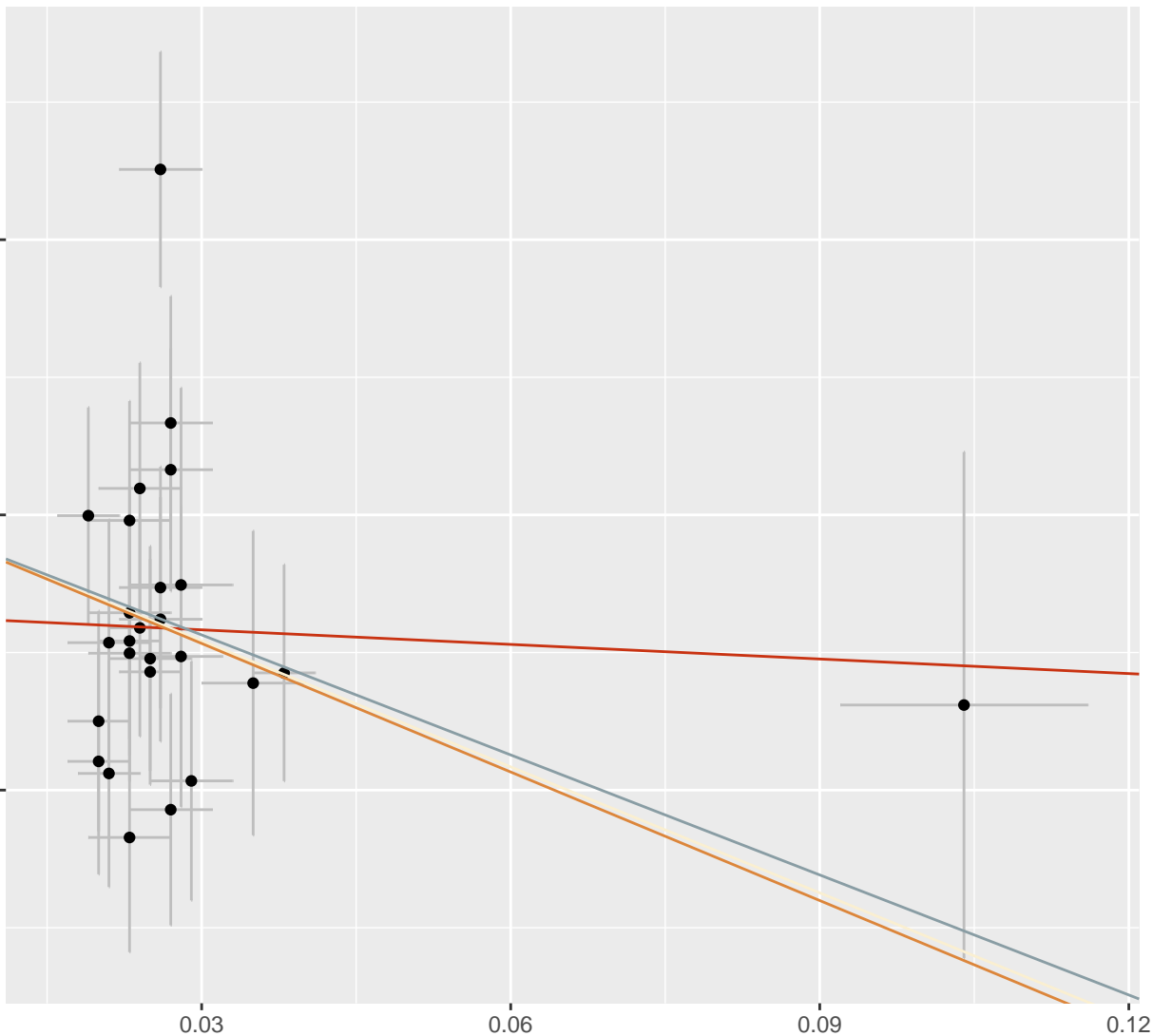
0.03

0.06

0.09

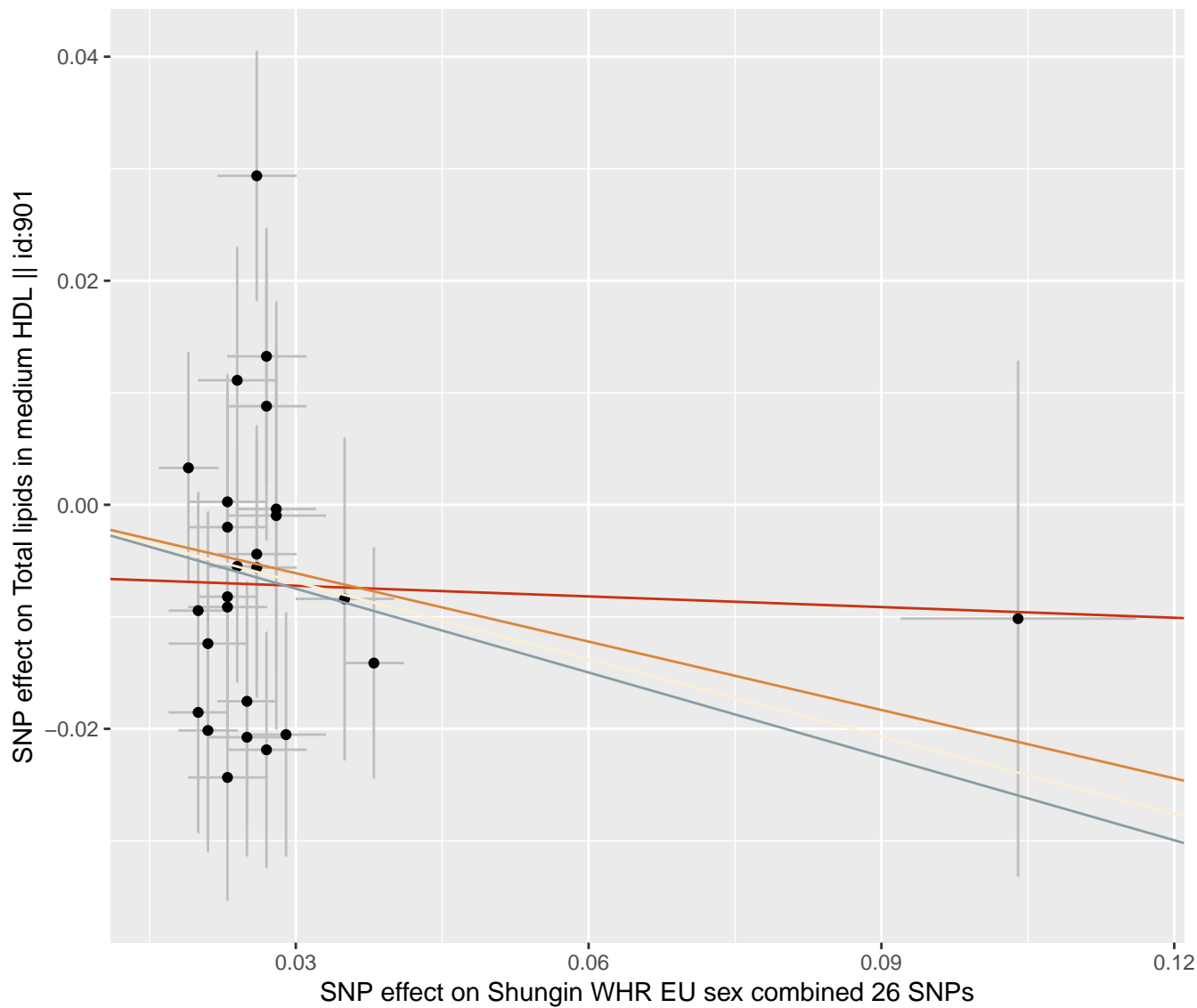
0.12

SNP effect on Shungin WHR EU sex combined 26 SNPs



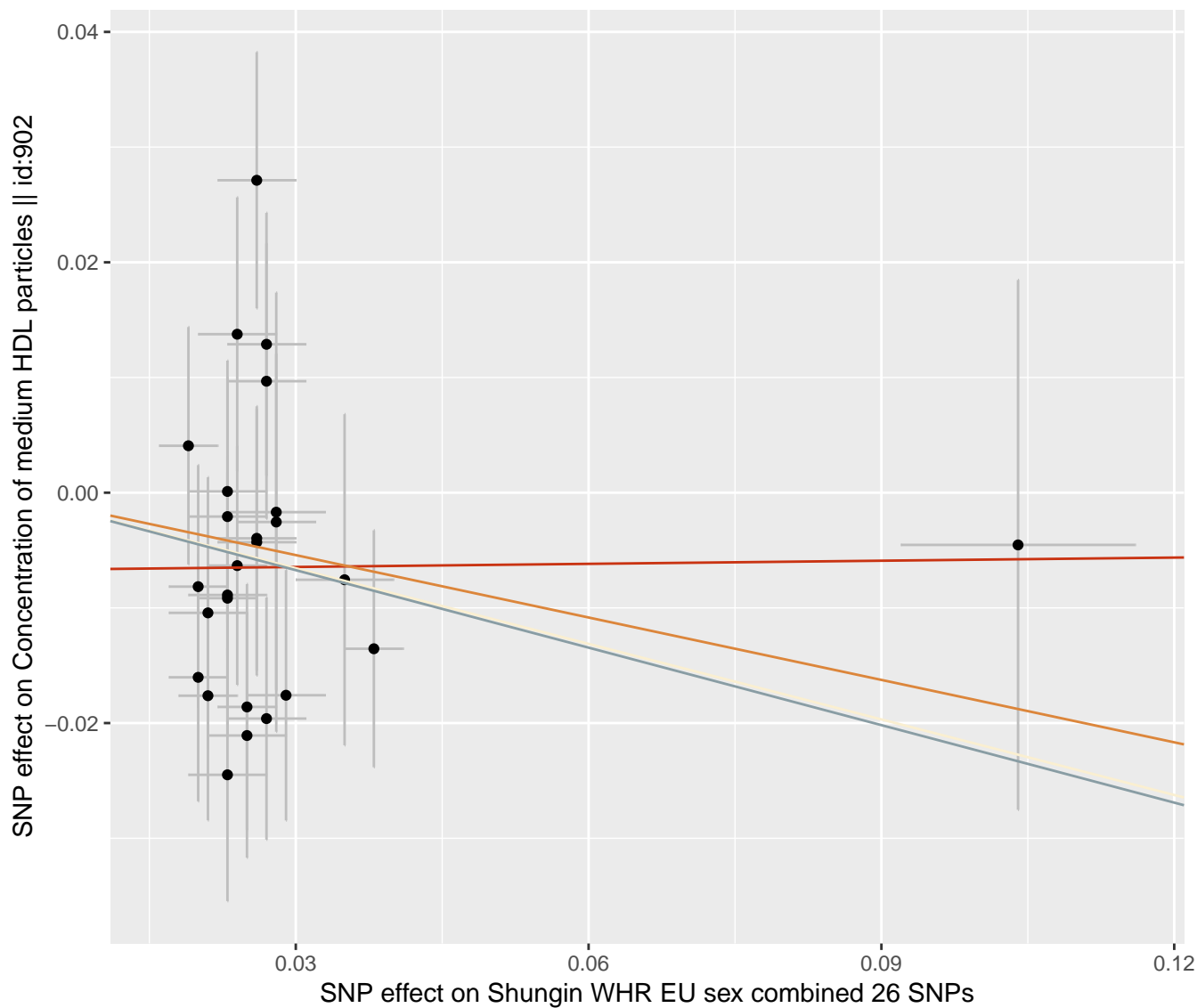
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



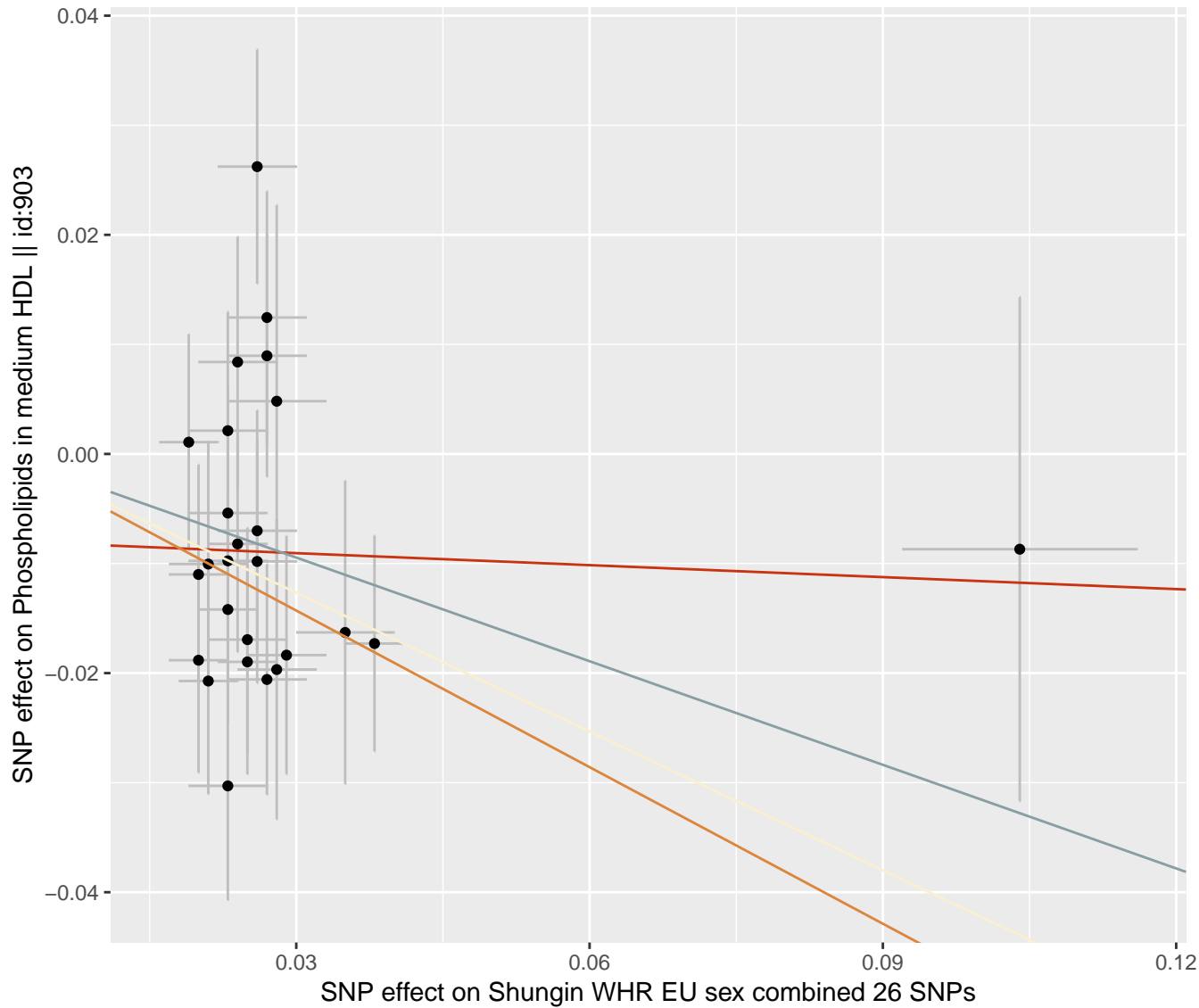
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

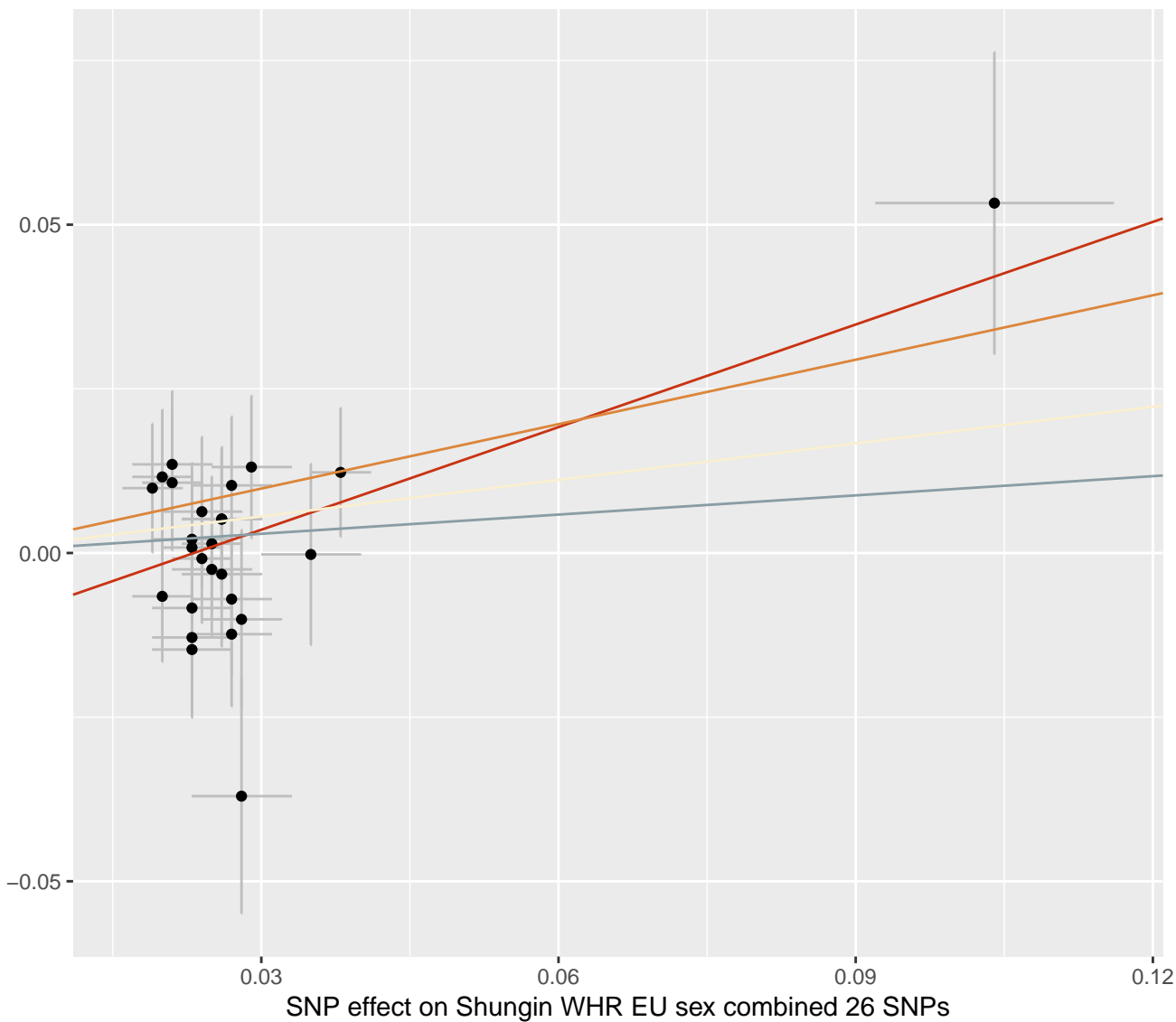
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

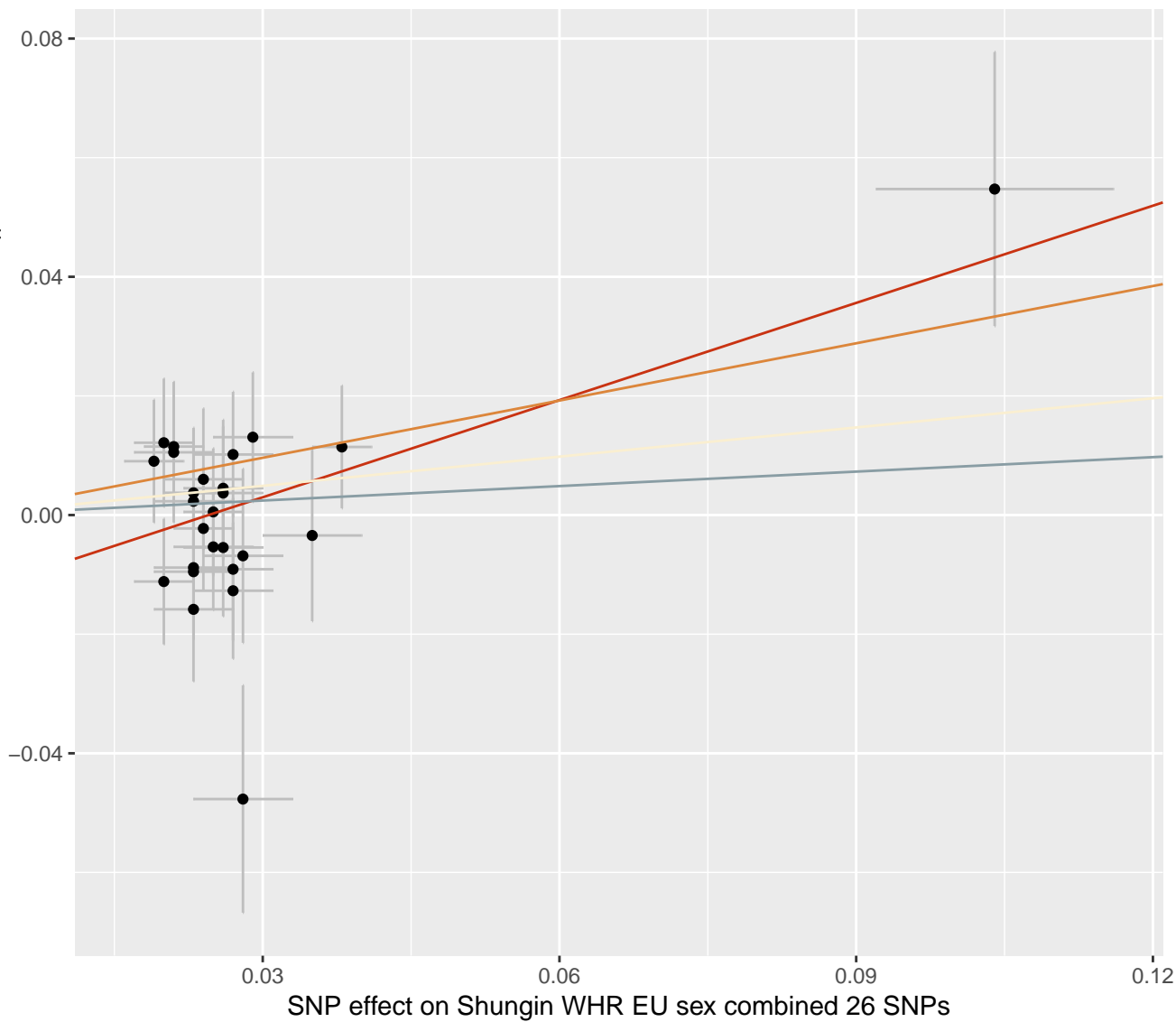
SNP effect on Total cholesterol in medium LDL || id:904



MR Test

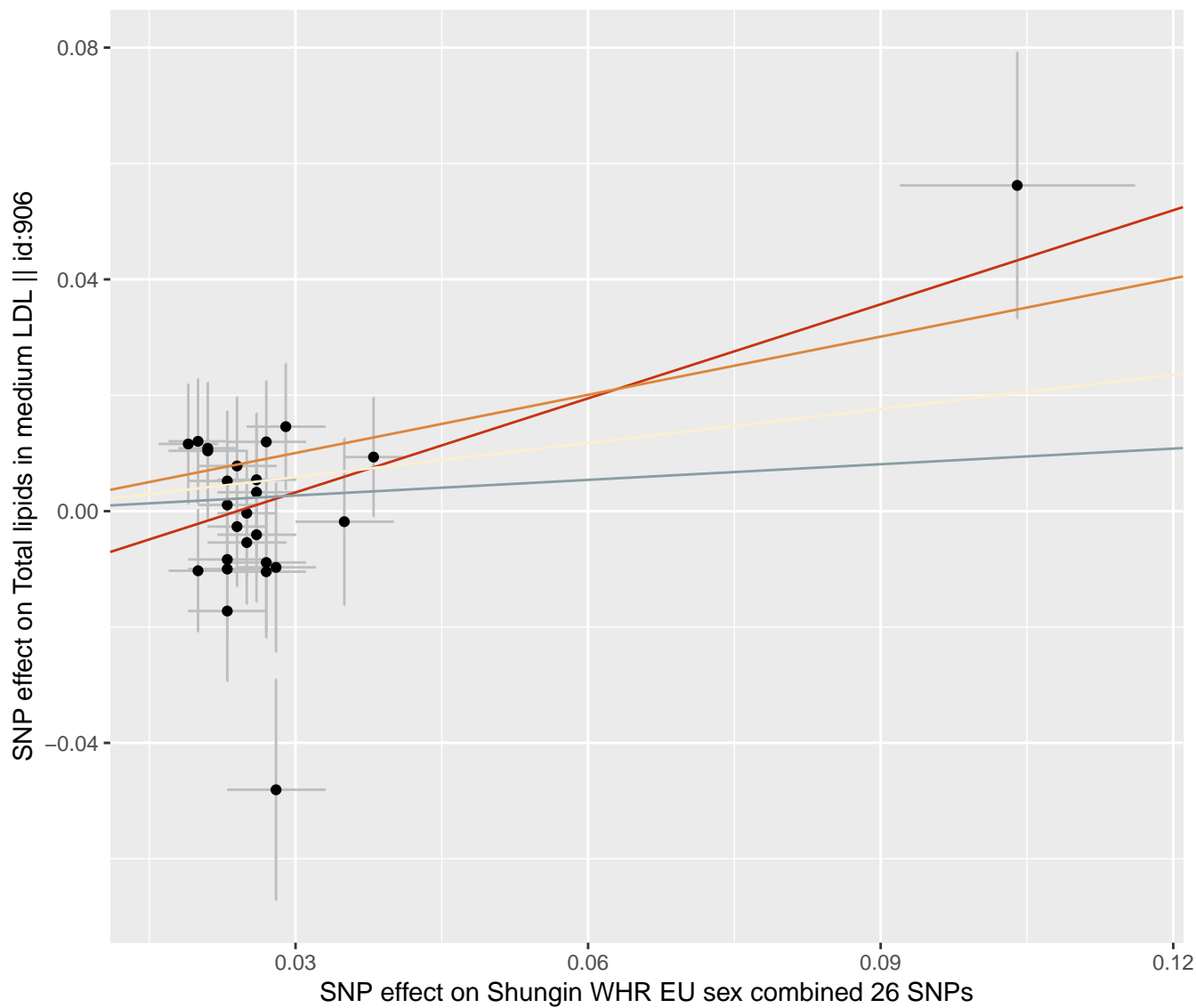
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Cholesterol esters in medium LDL || id:905



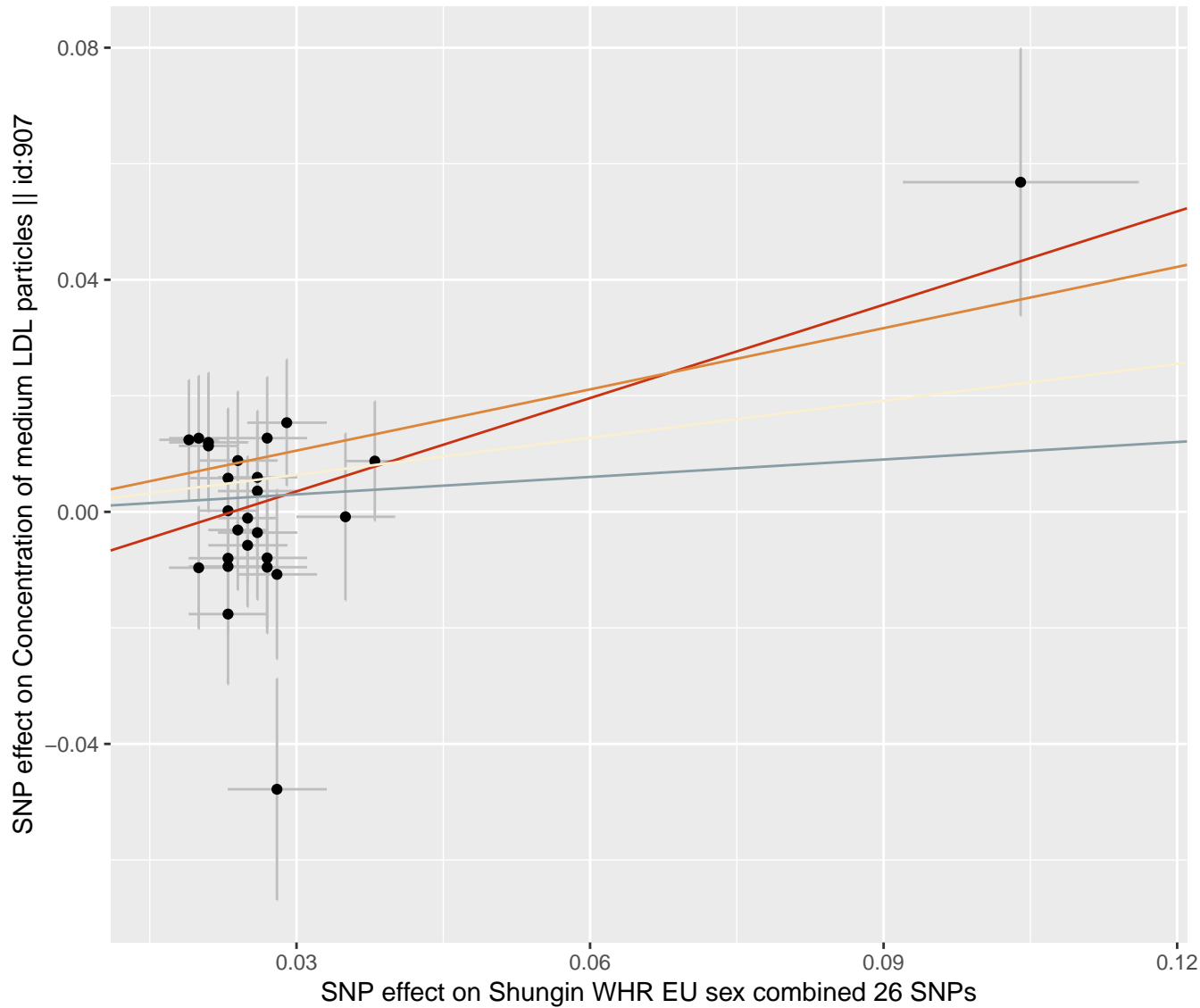
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

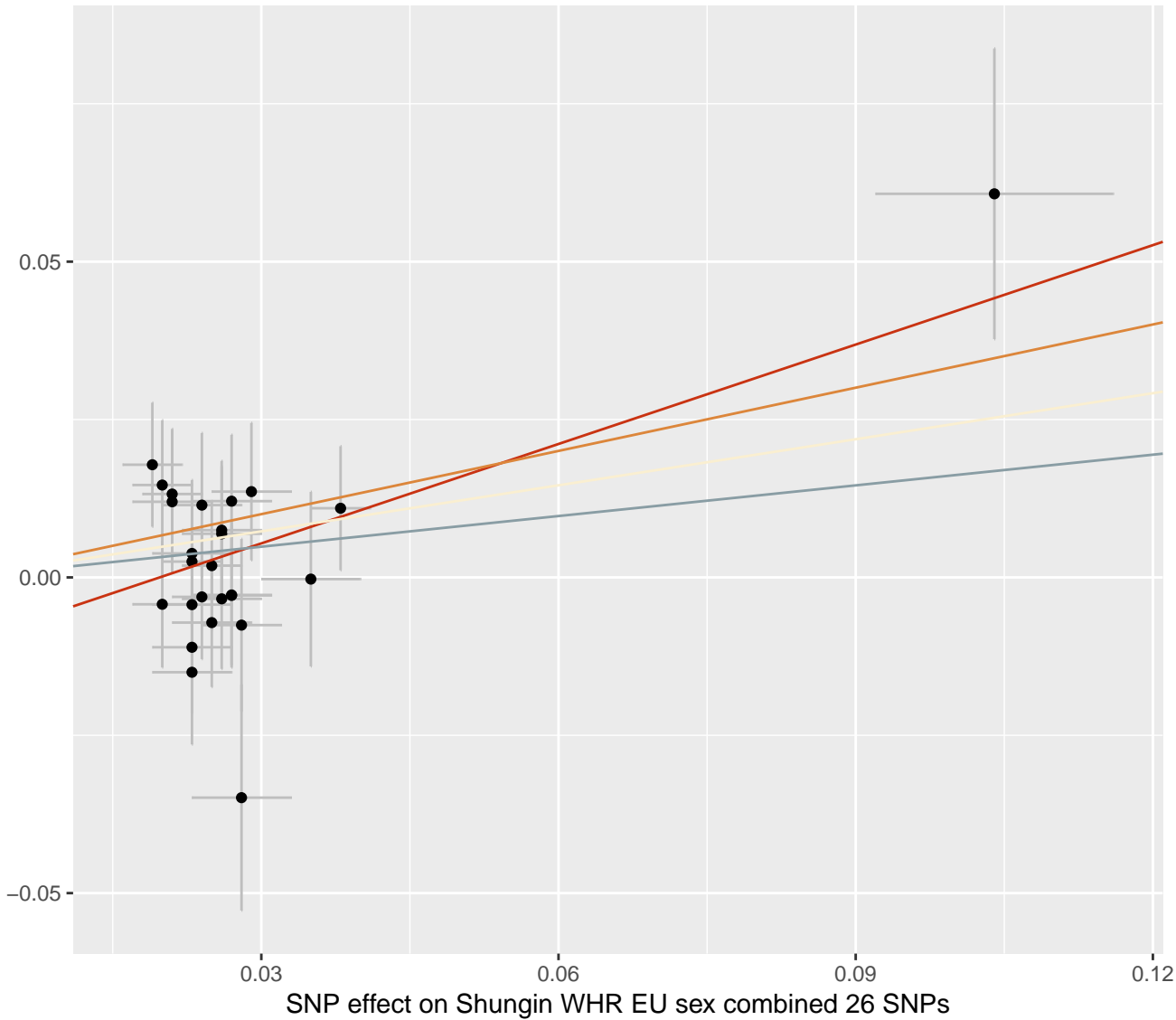
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

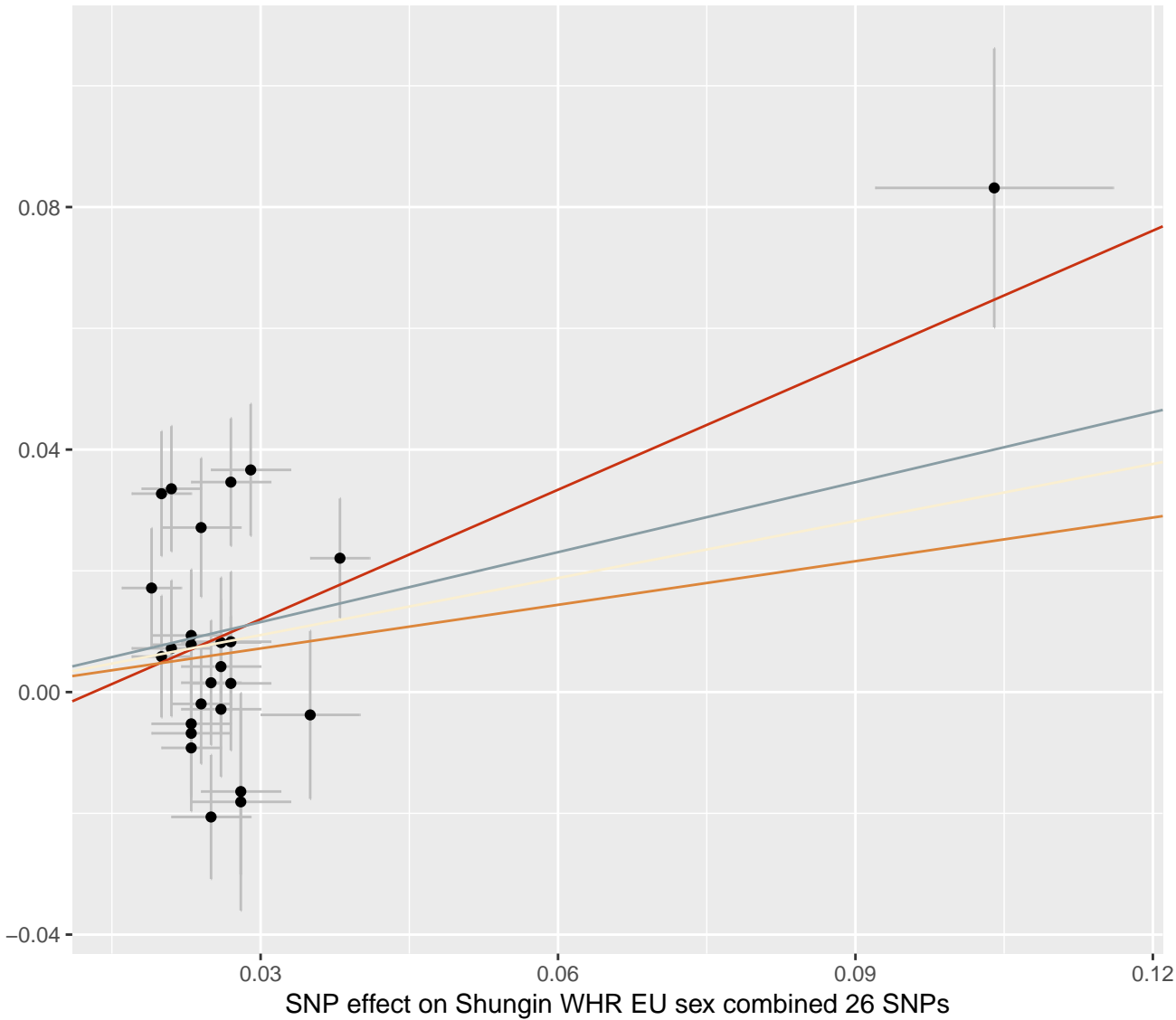
SNP effect on Phospholipids in medium LDL || id:908



MR Test

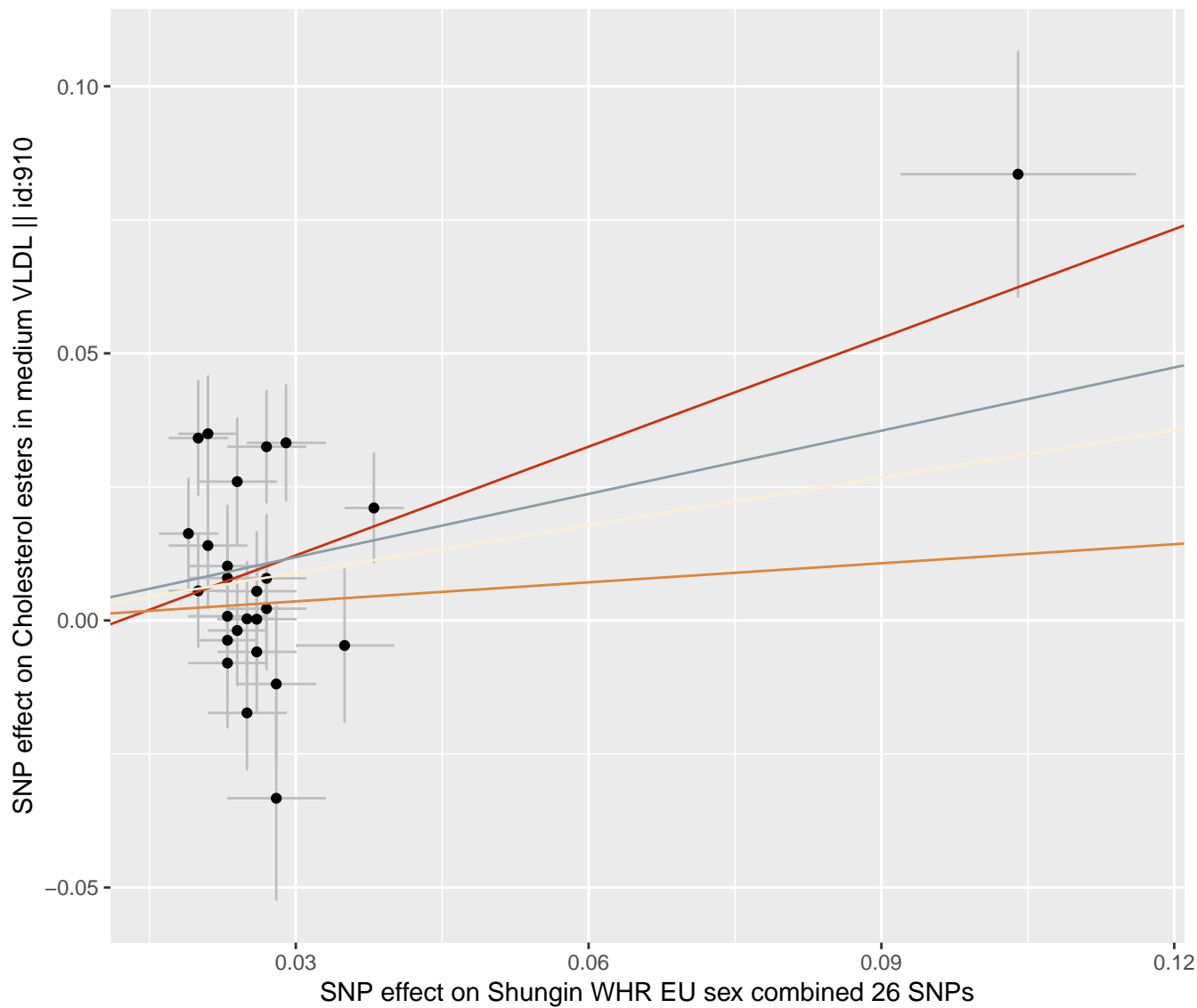
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Total cholesterol in medium VLDL || id:909



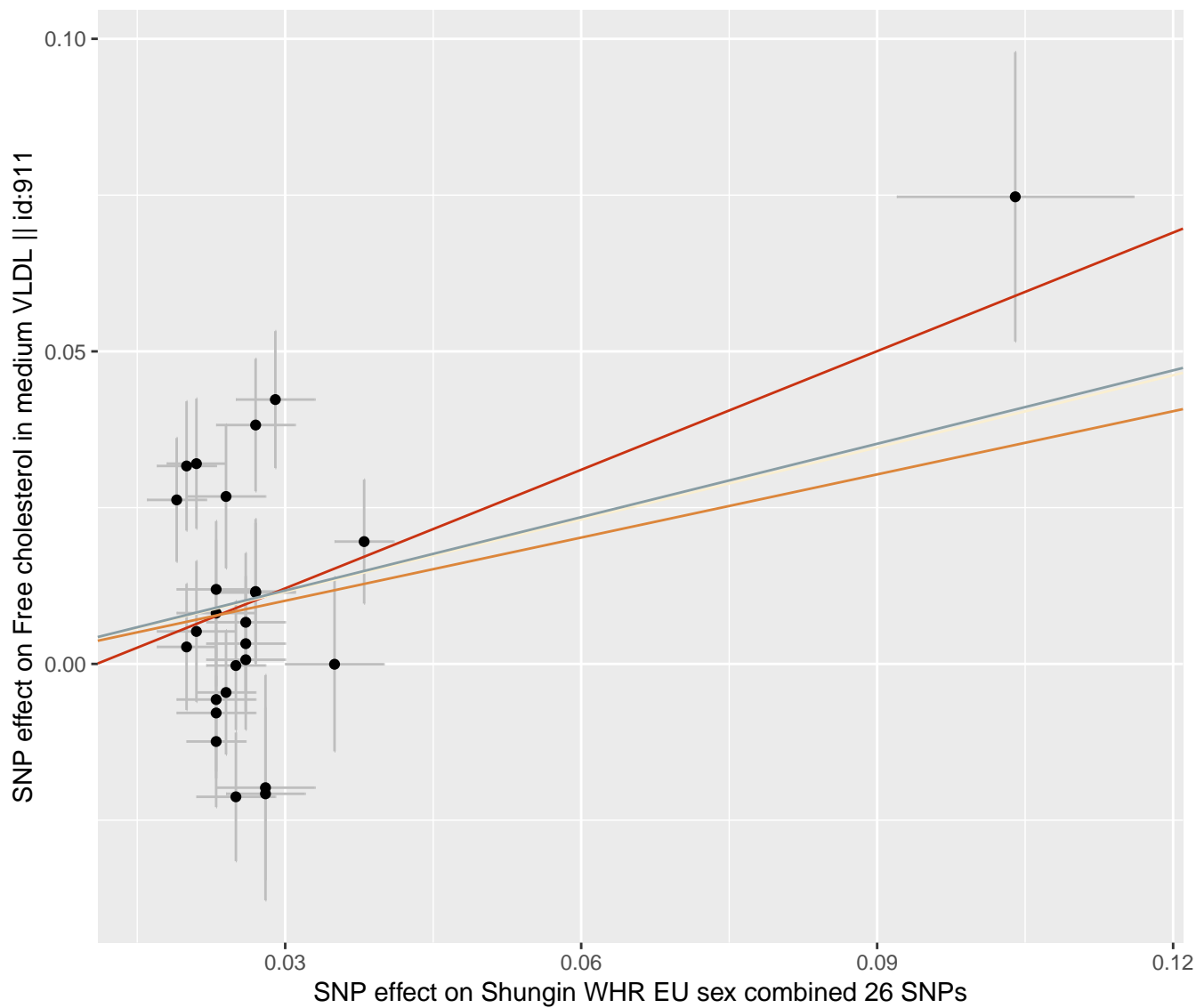
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

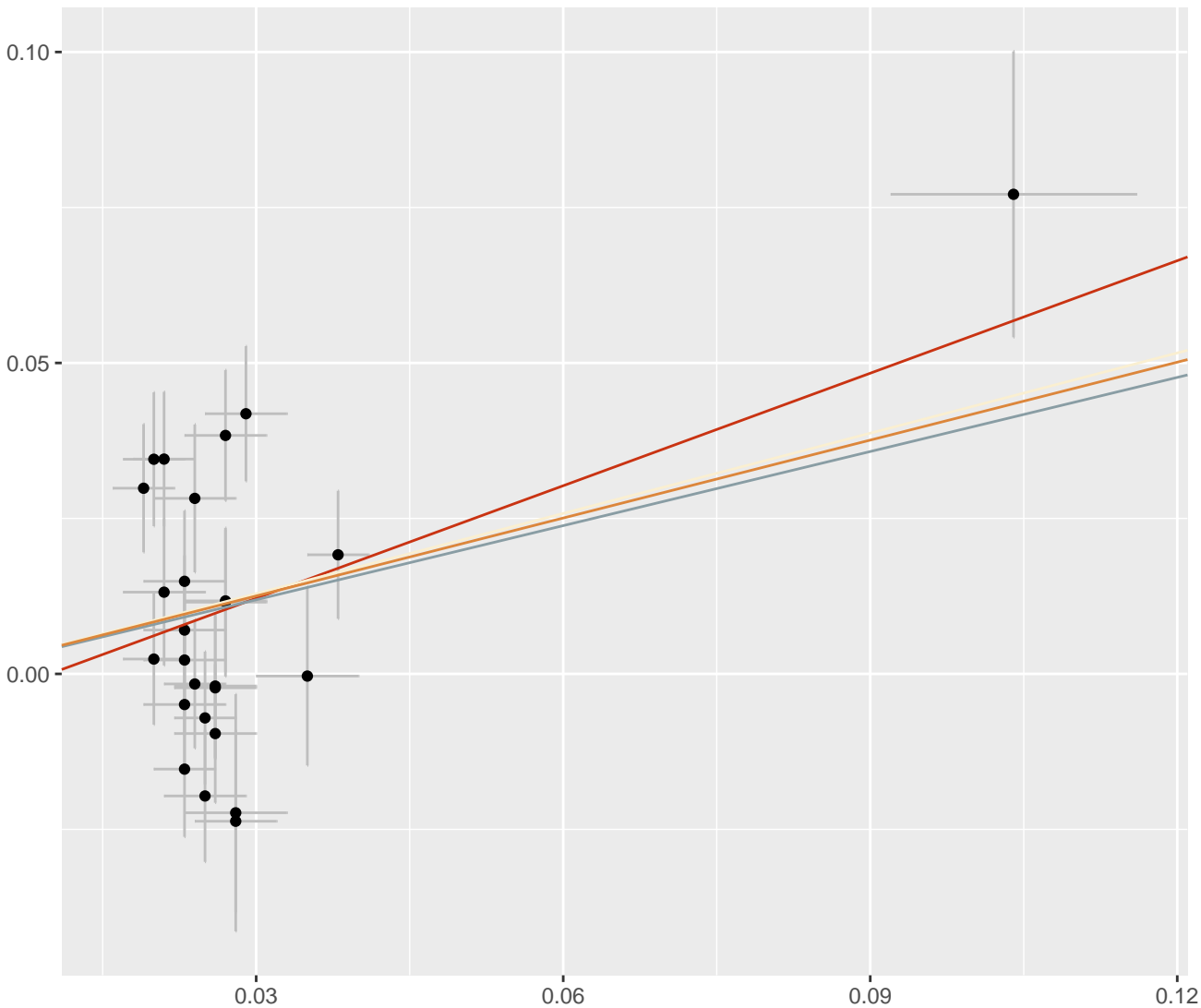
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

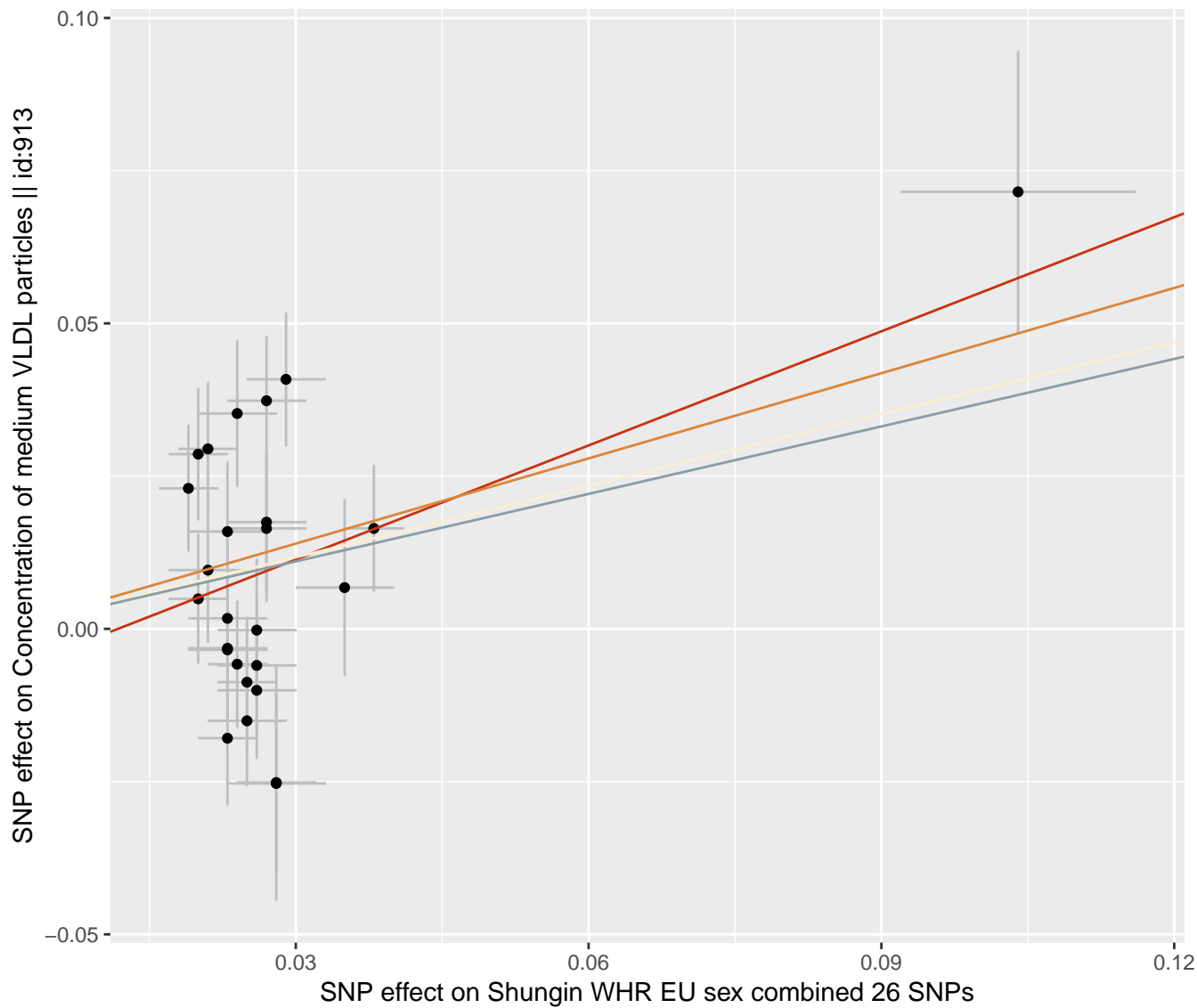
SNP effect on Total lipids in medium VLDL || id:912



SNP effect on Shungin WHR EU sex combined 26 SNPs

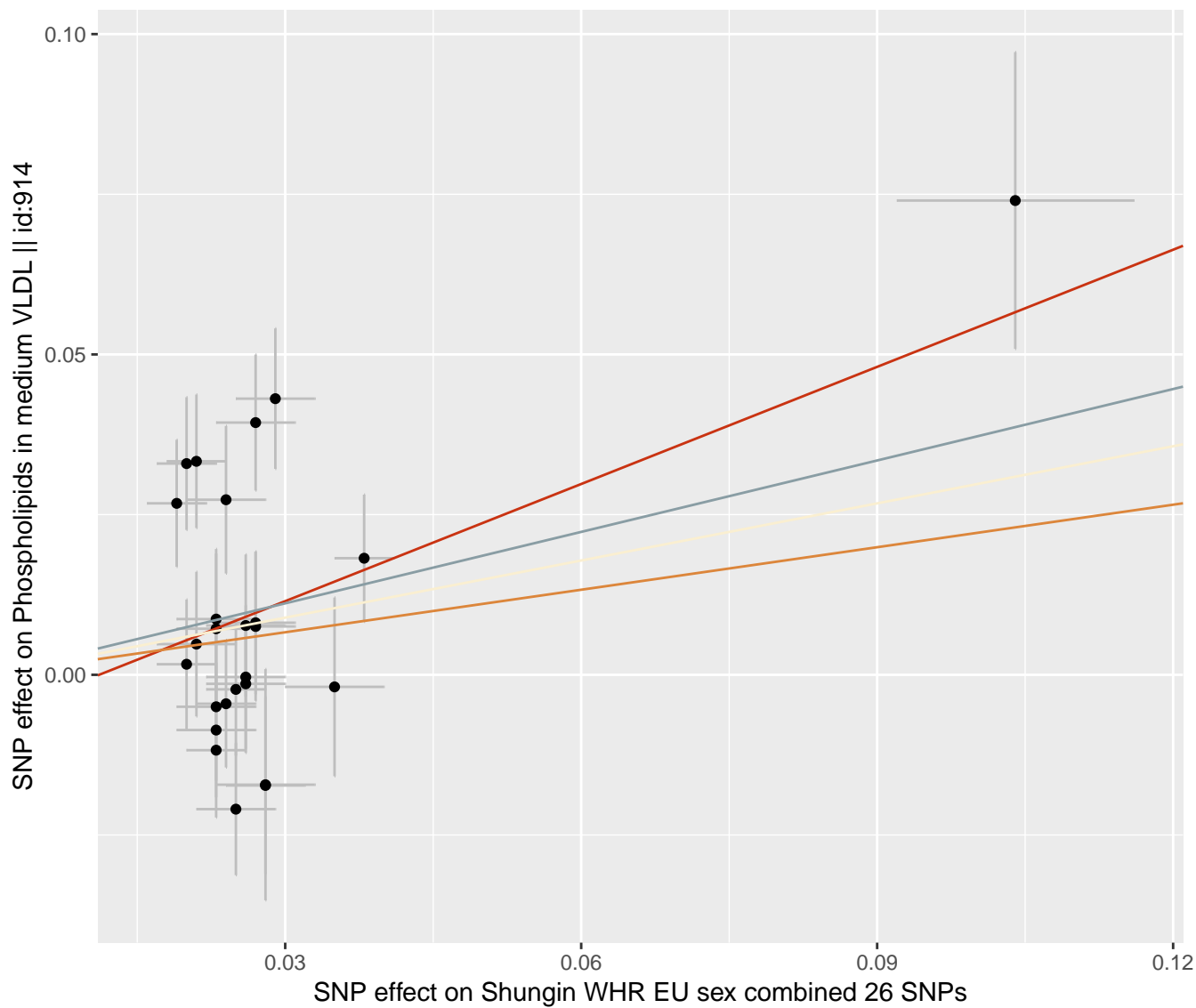
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

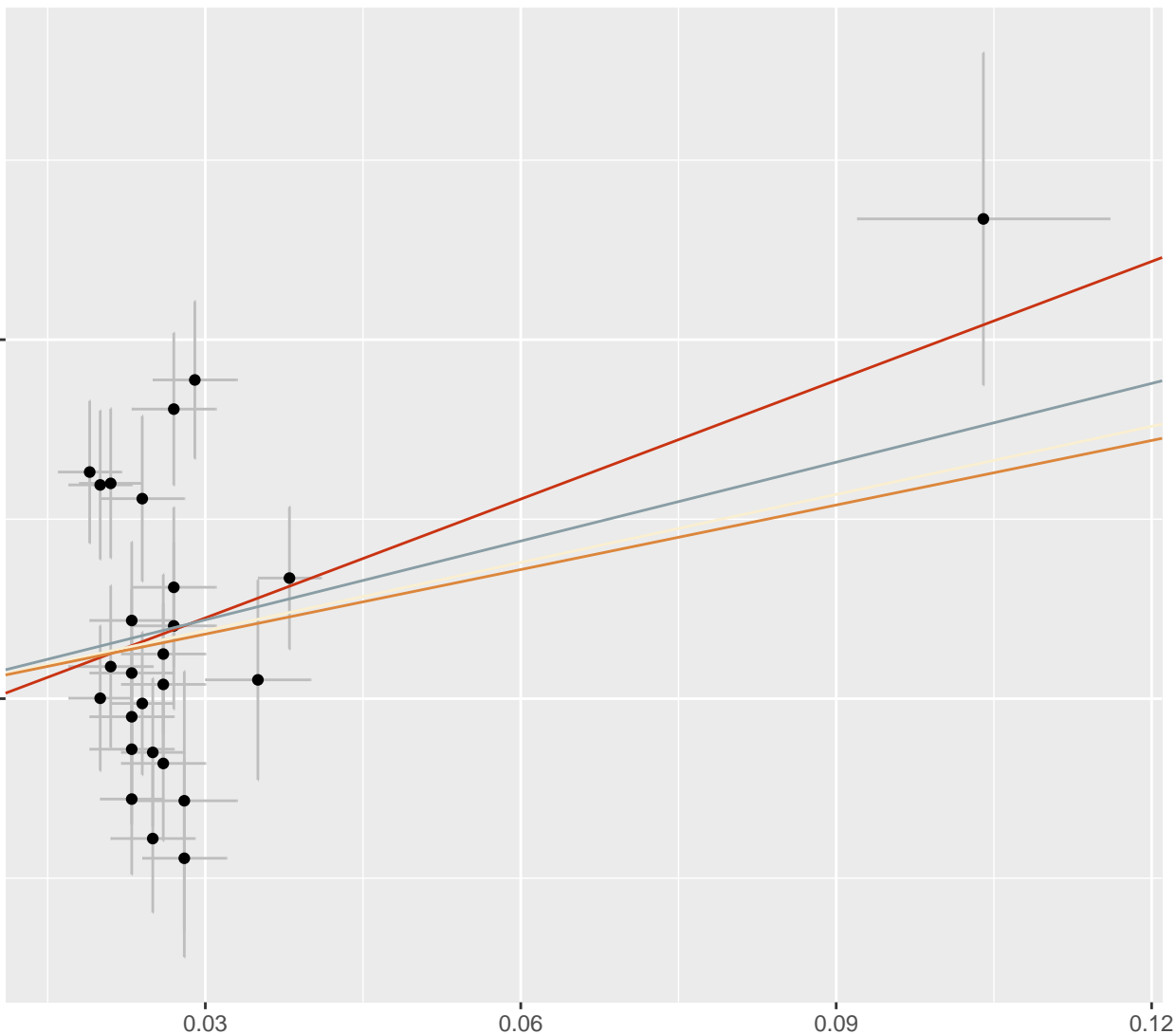


MR Test

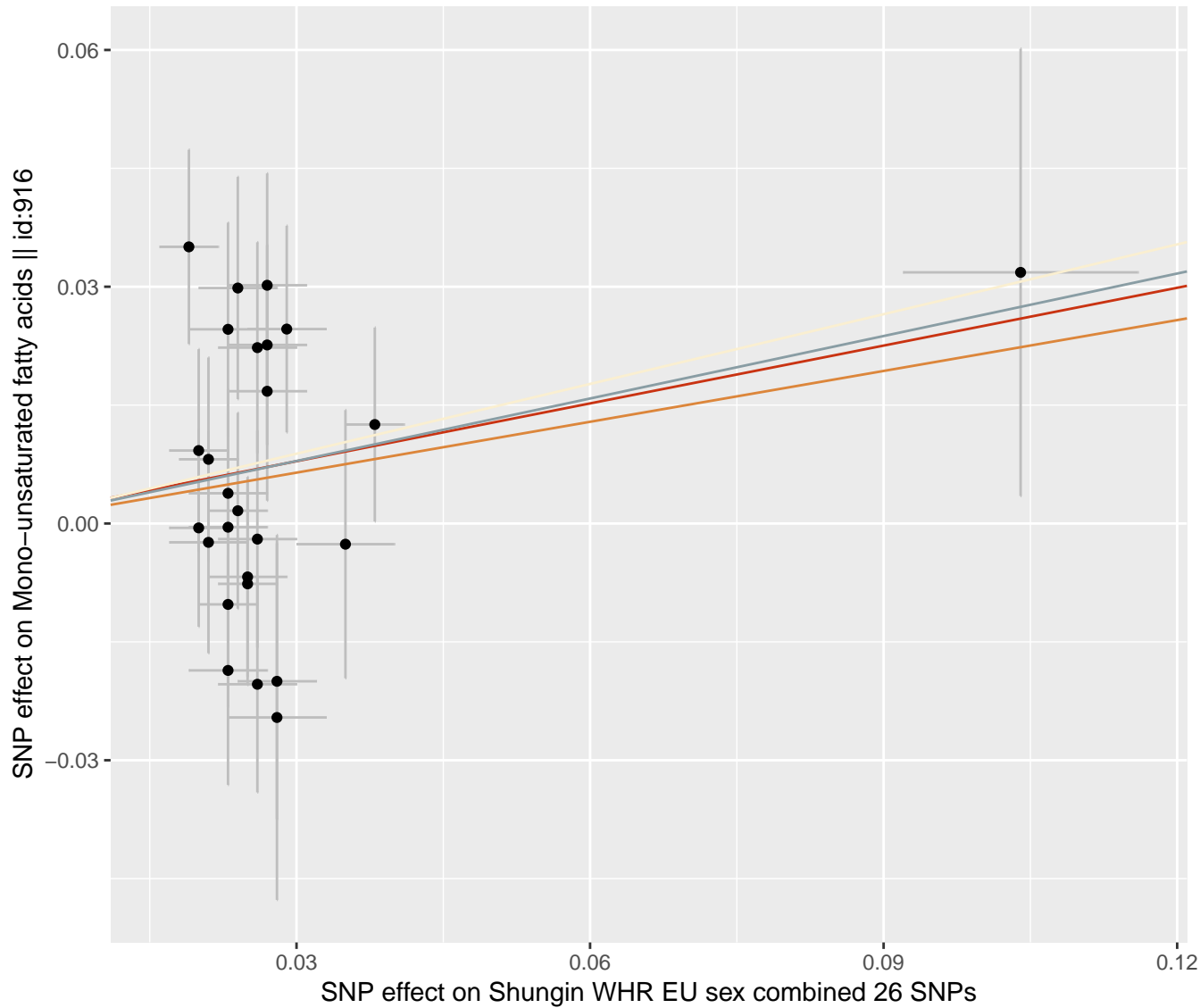
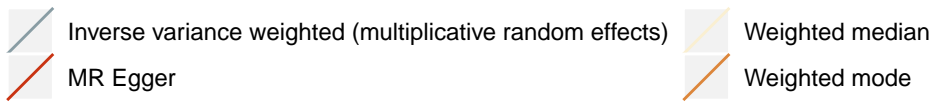
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Triglycerides in medium VLDL || id:915

SNP effect on Shungin WHR EU sex combined 26 SNPs

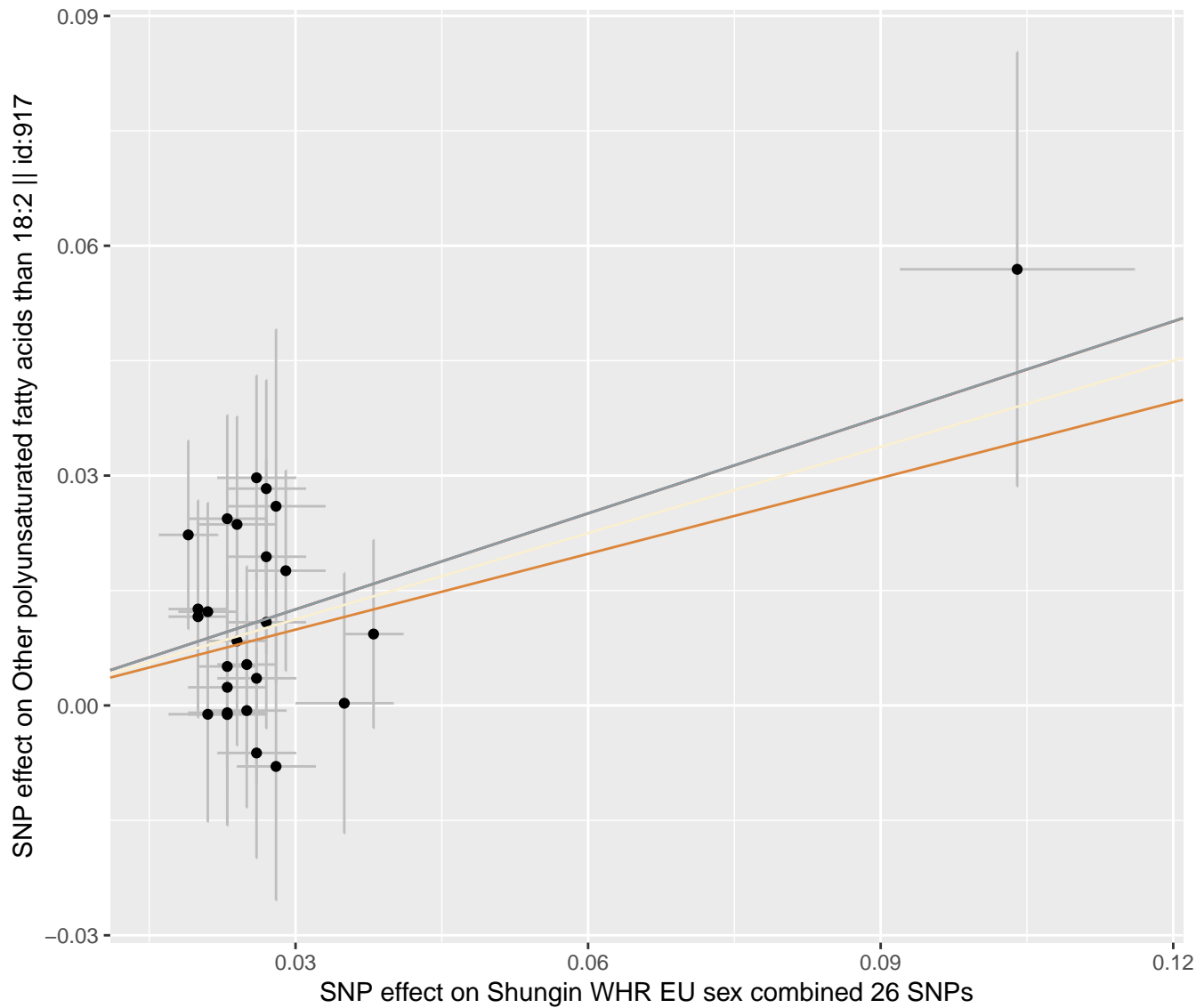


MR Test



MR Test

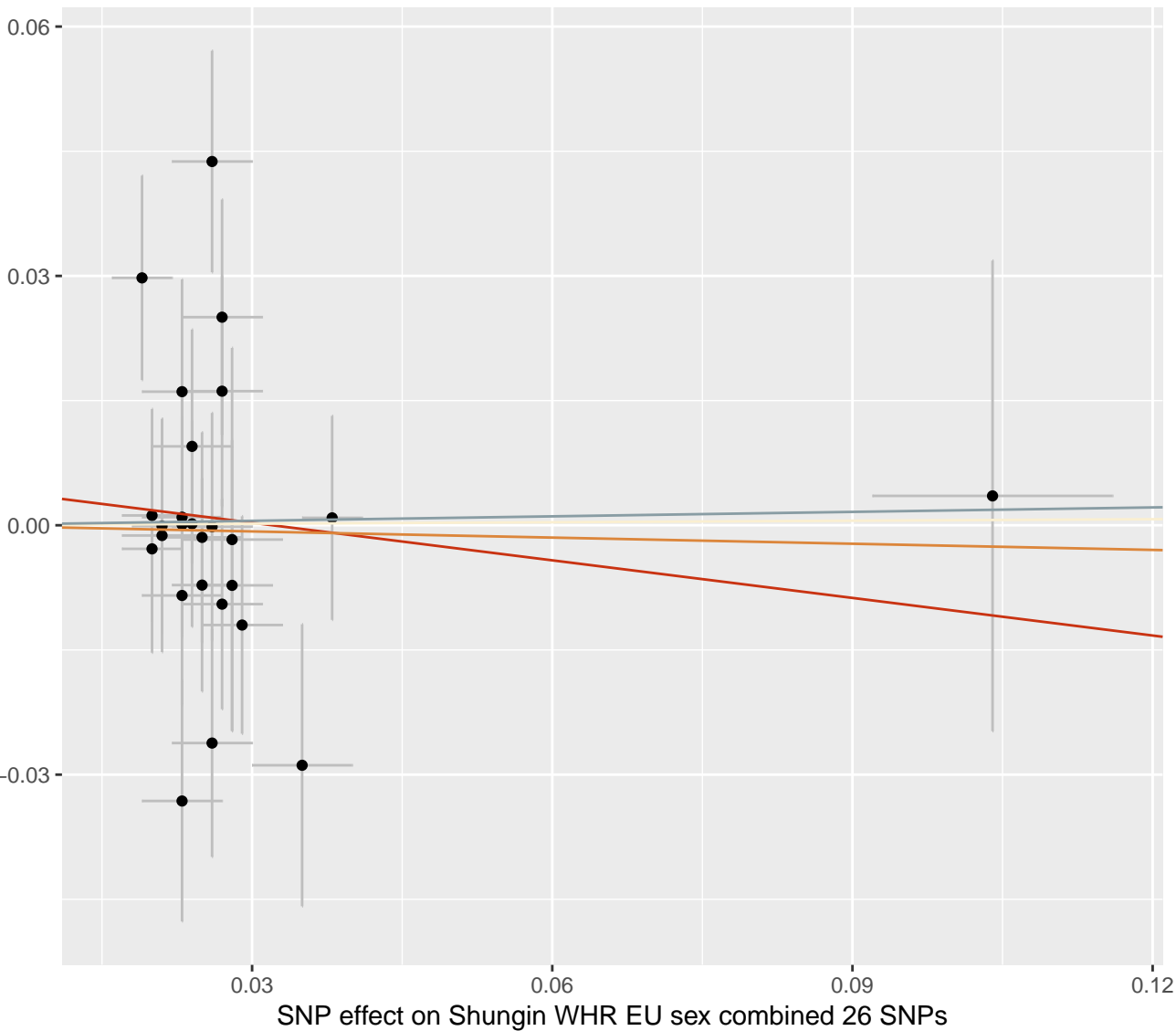
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

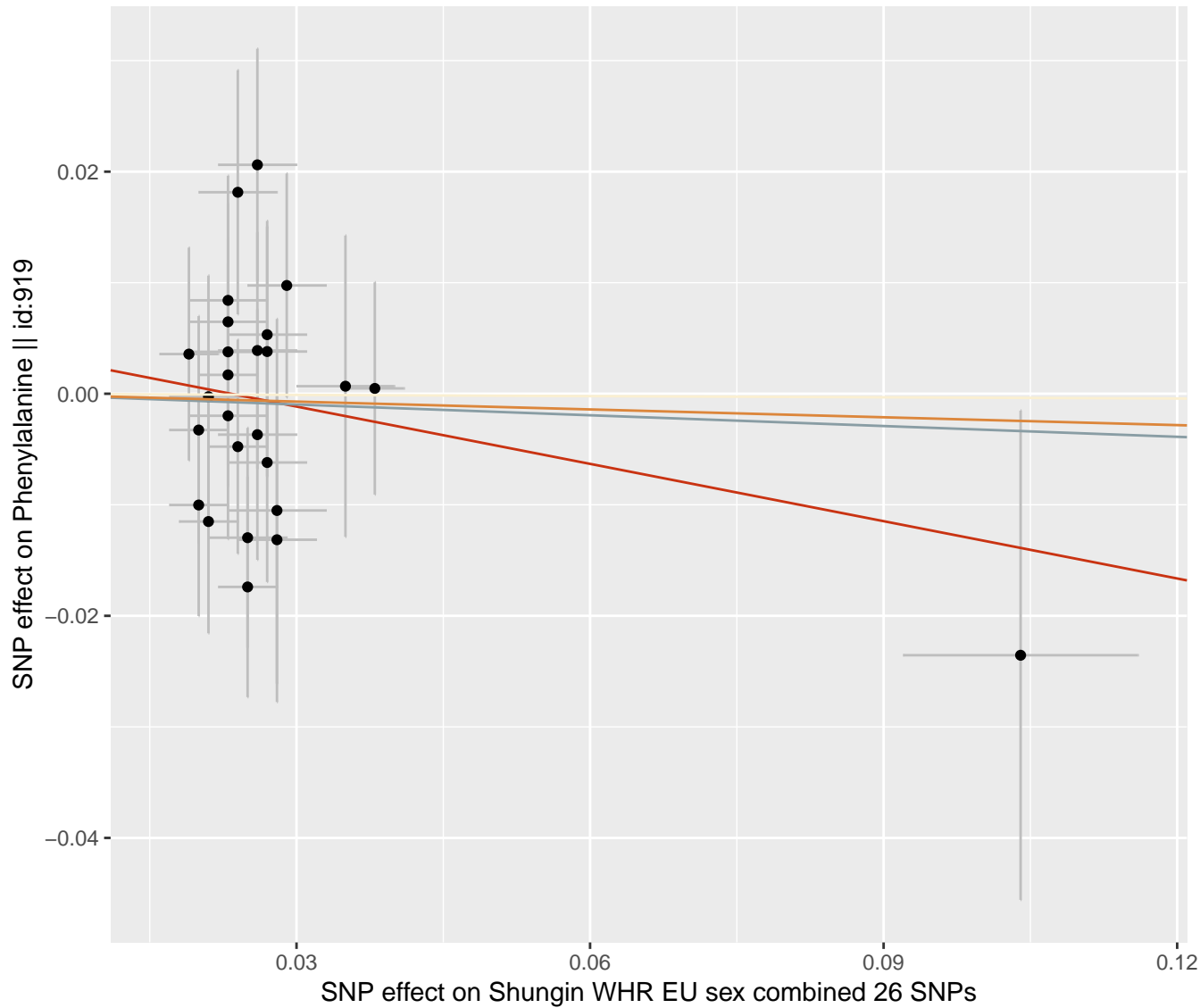
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Phosphatidylcholine and other choline || id:918



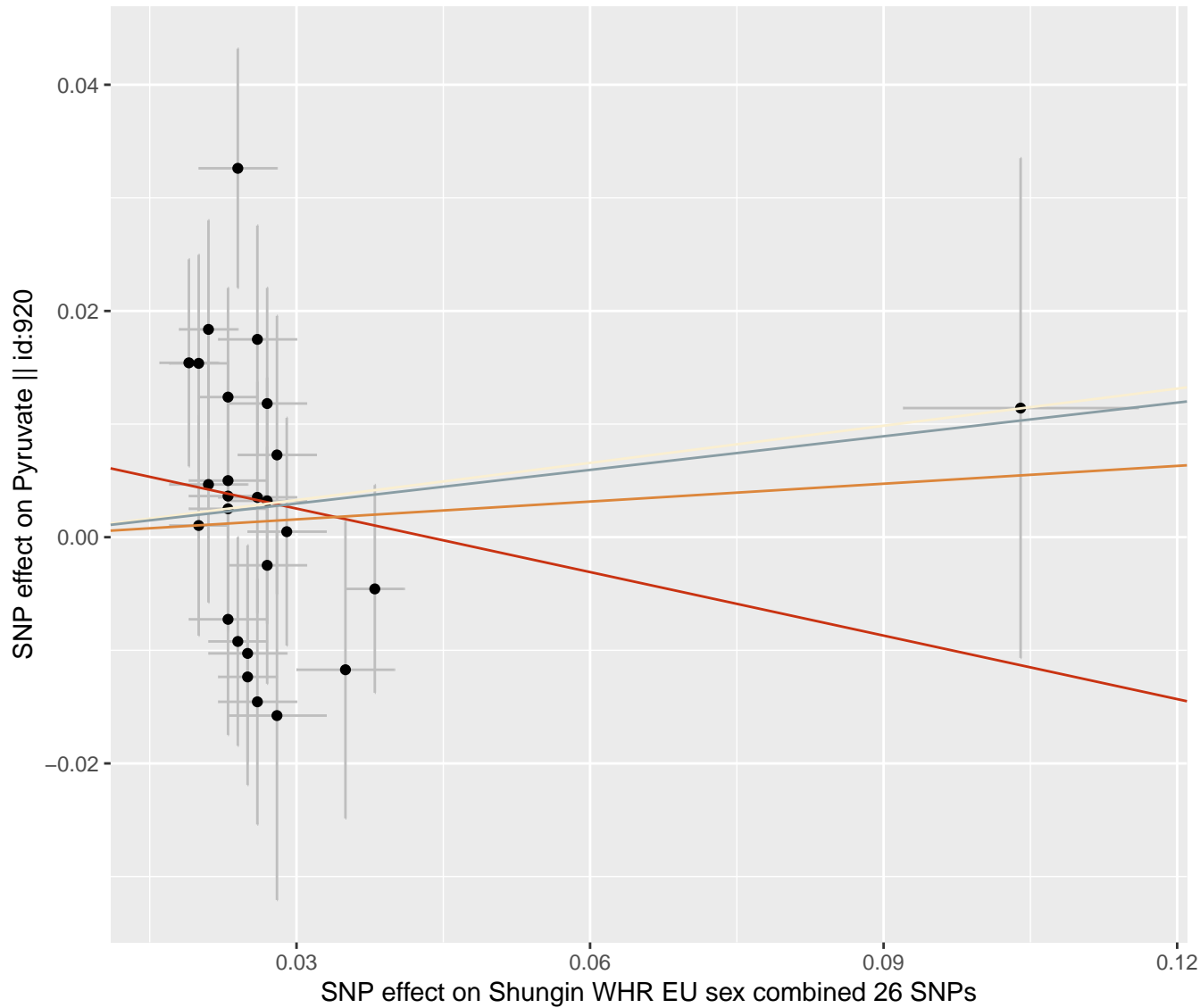
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



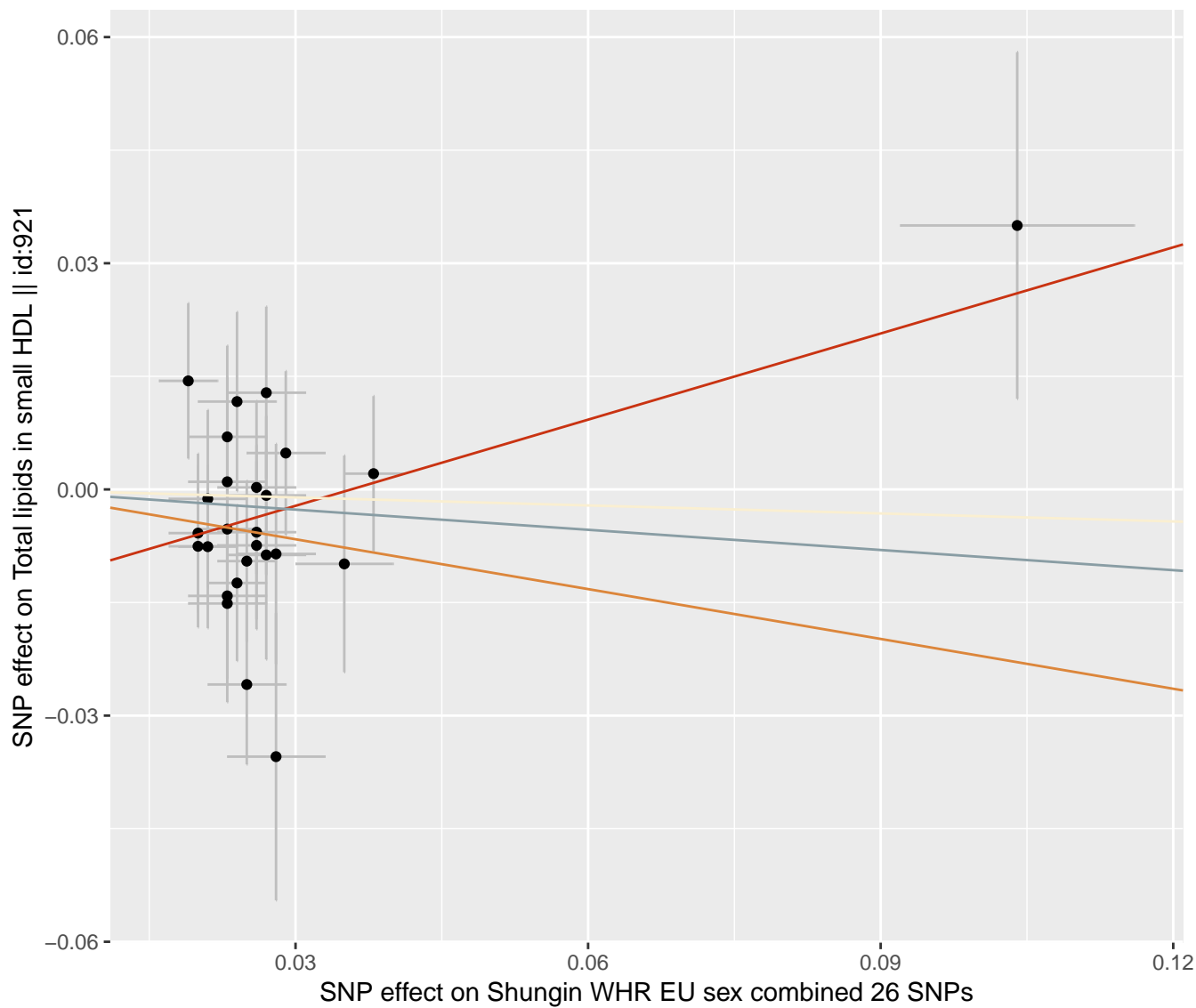
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

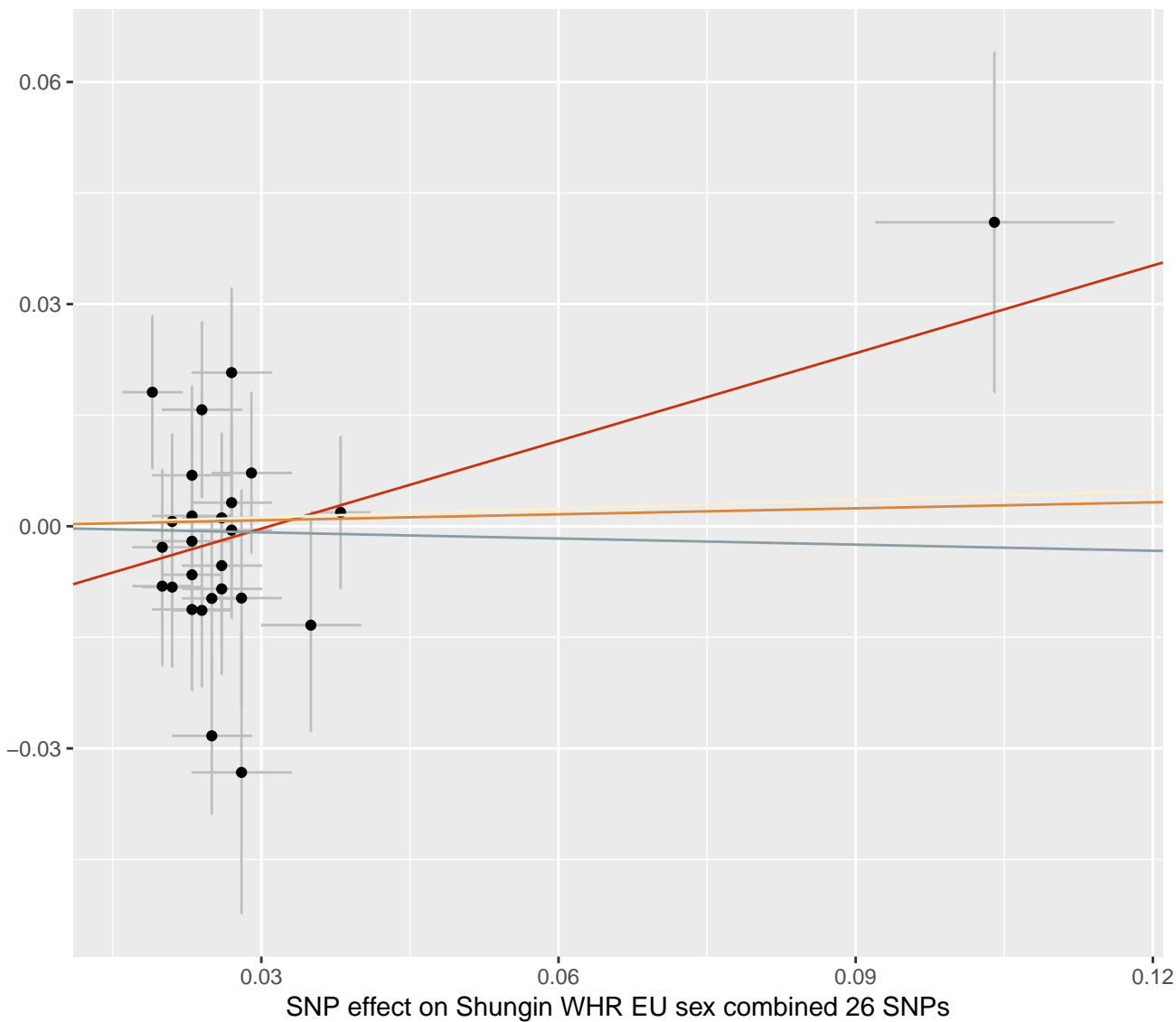
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

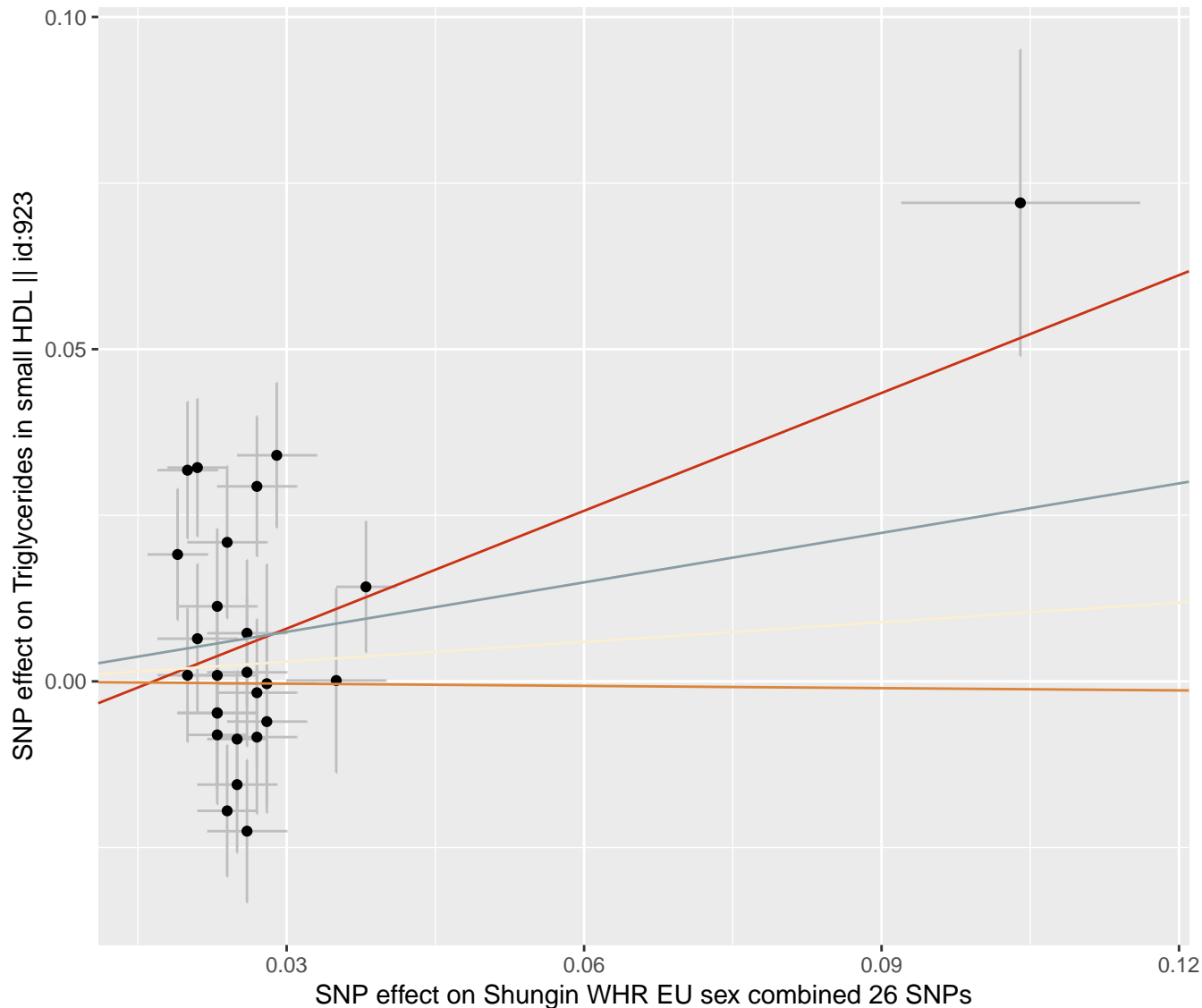
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Concentration of small HDL particles || id:922



MR Test

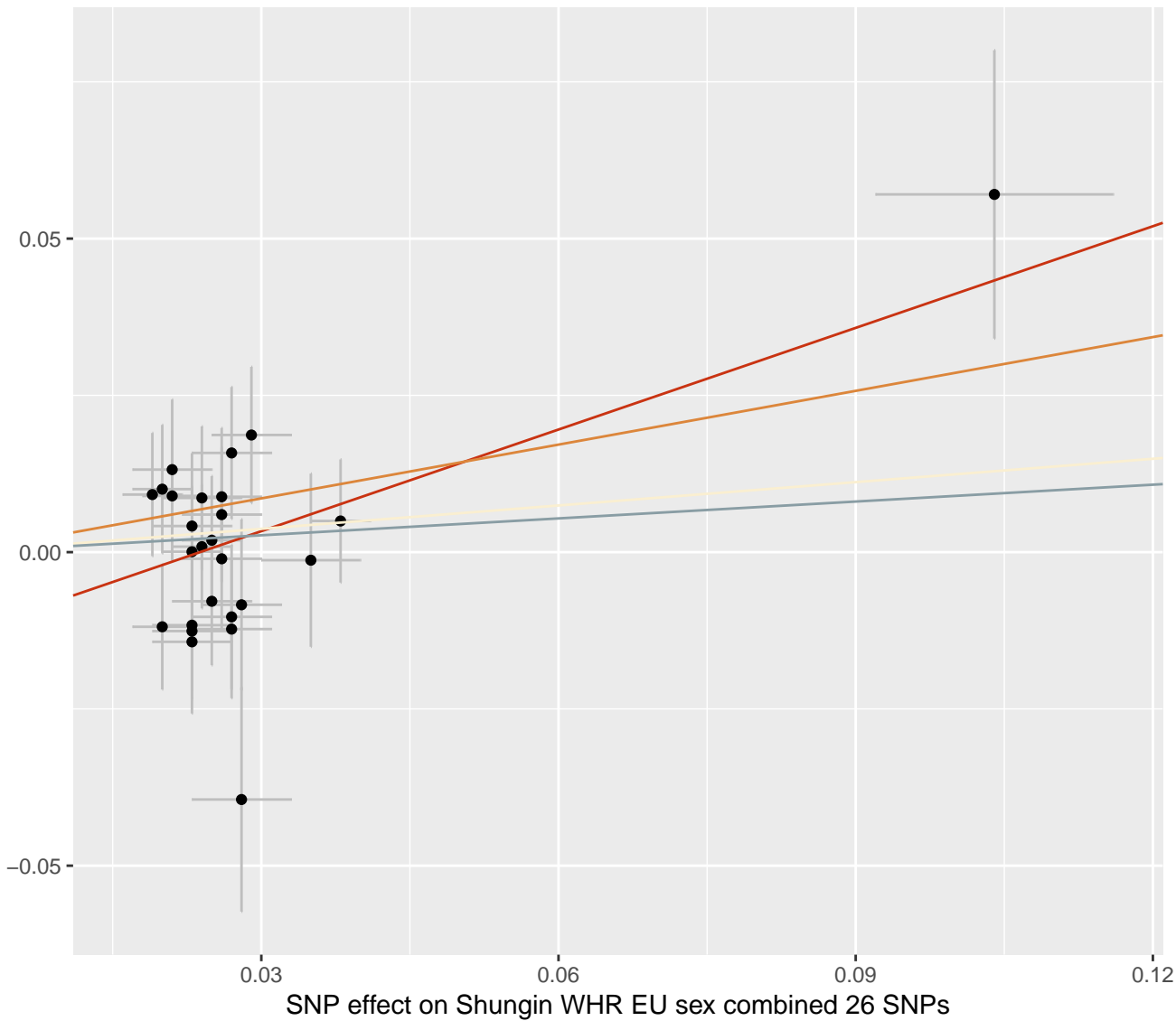
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

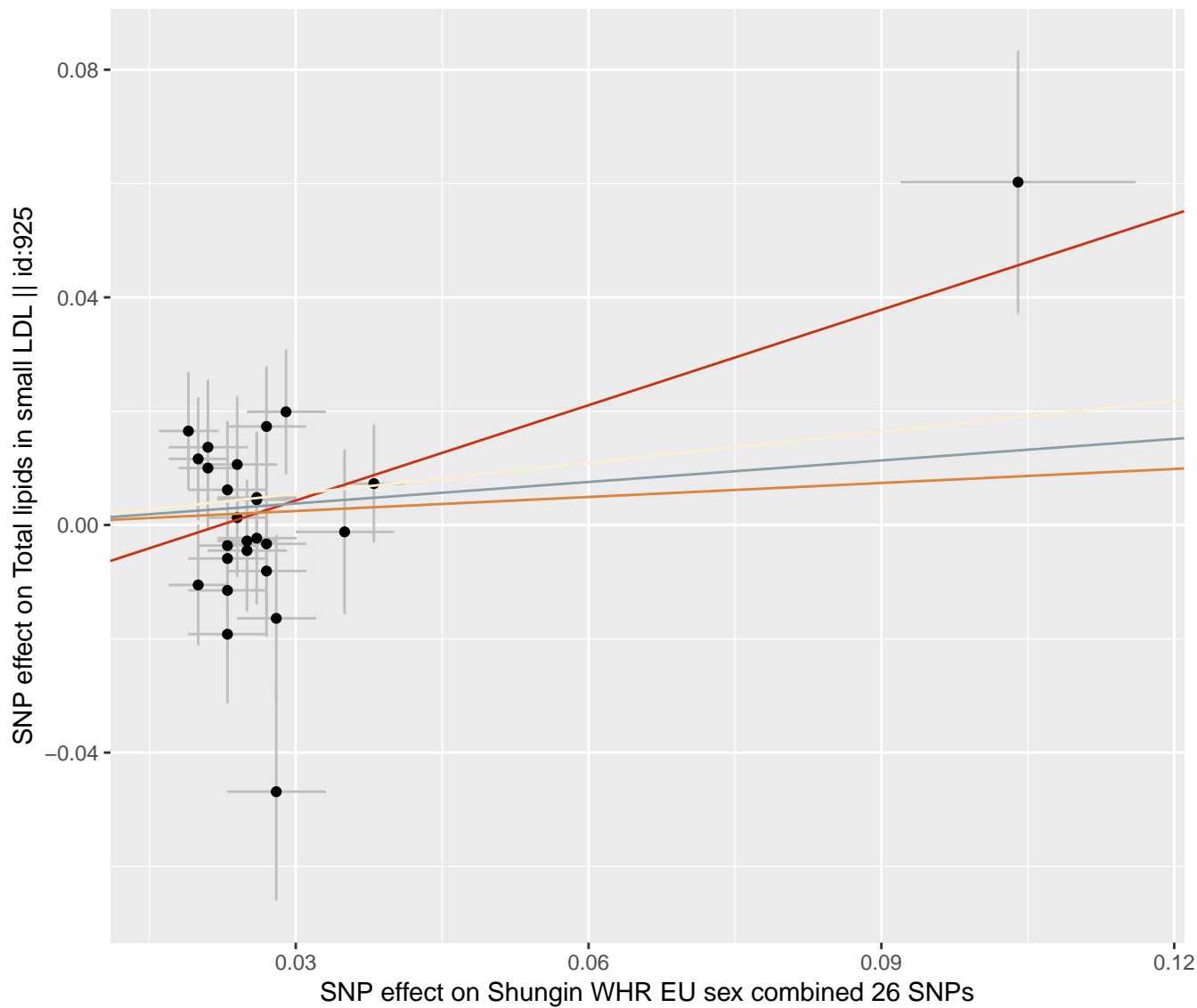
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Total cholesterol in small LDL || id:924



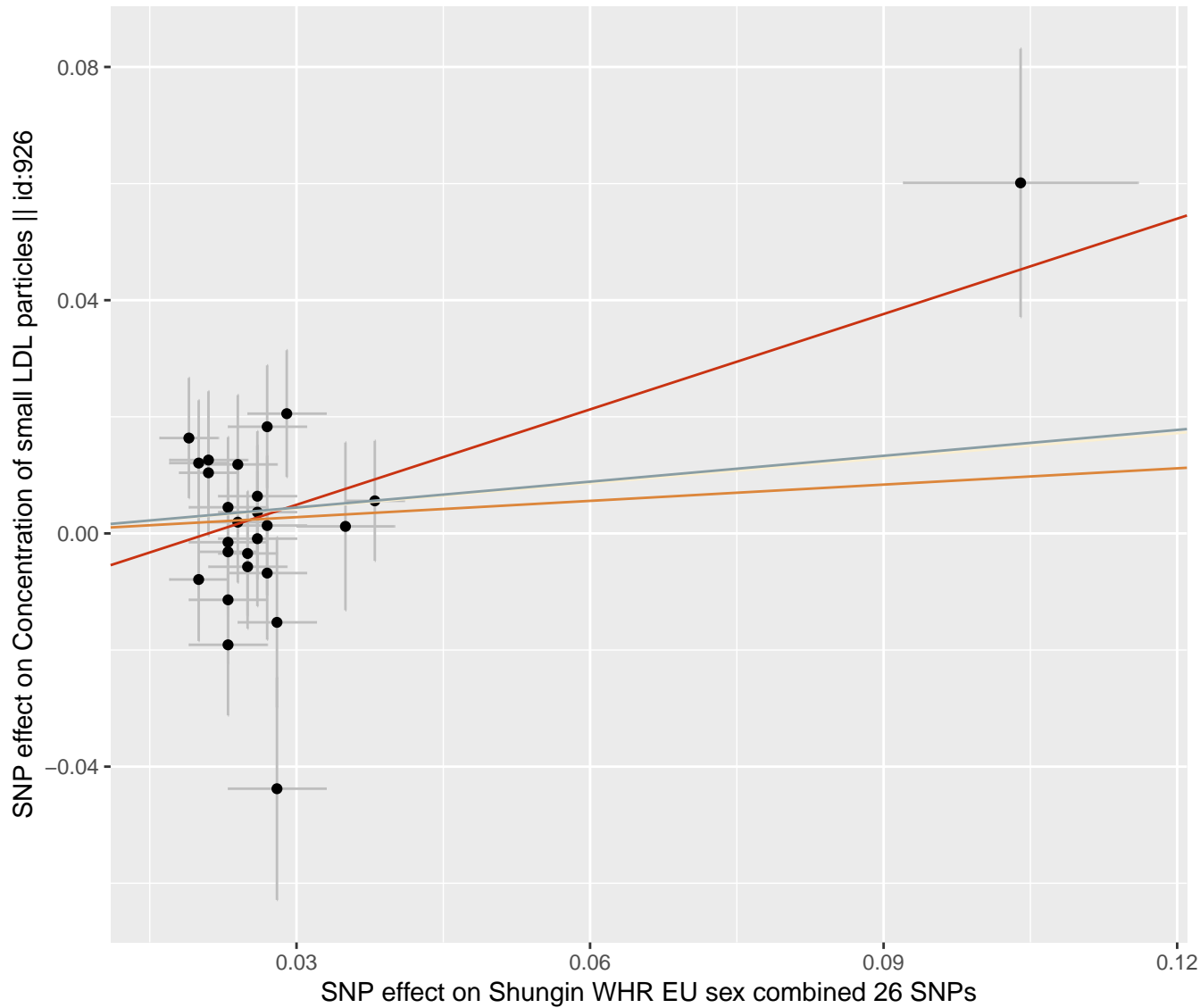
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



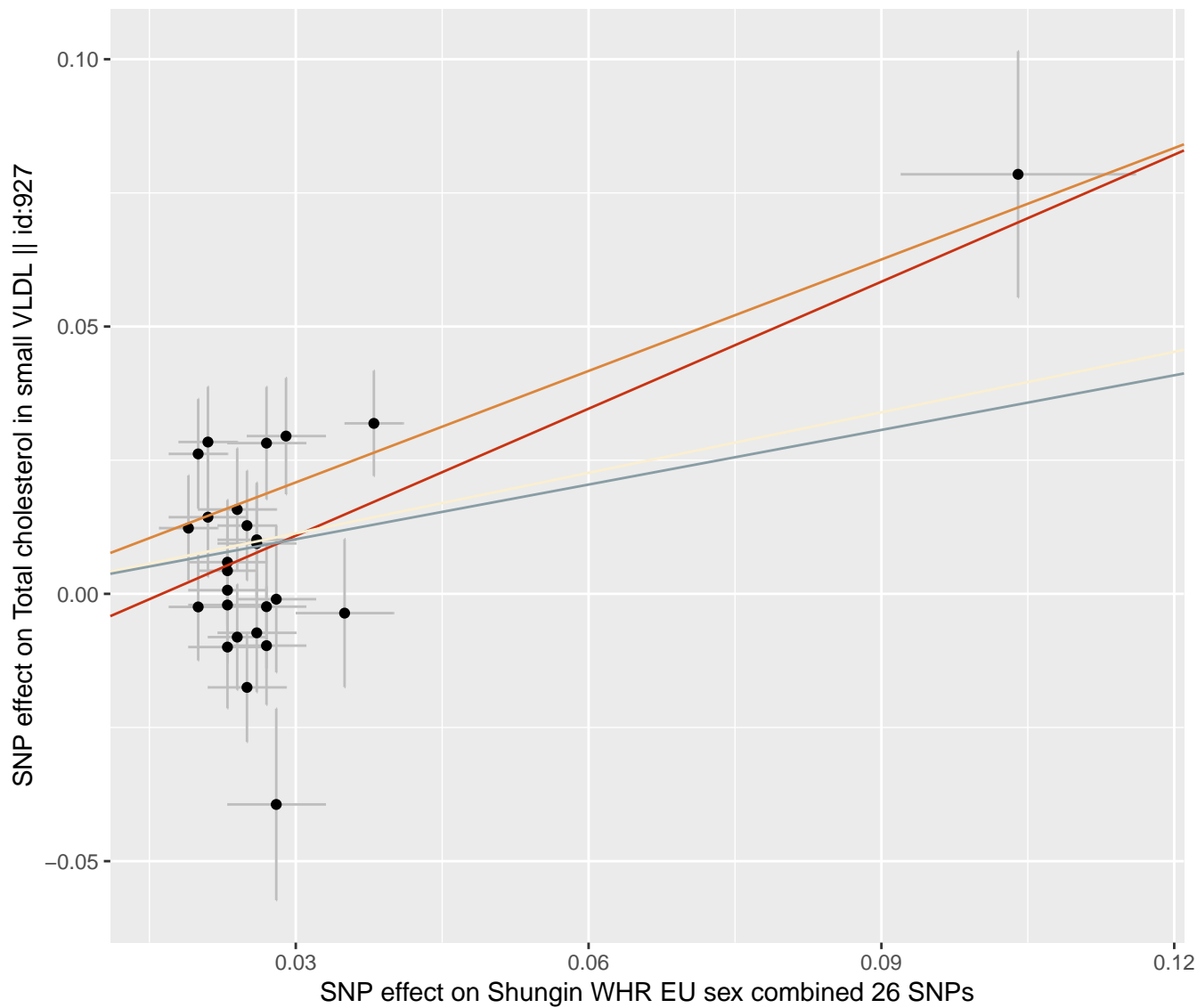
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



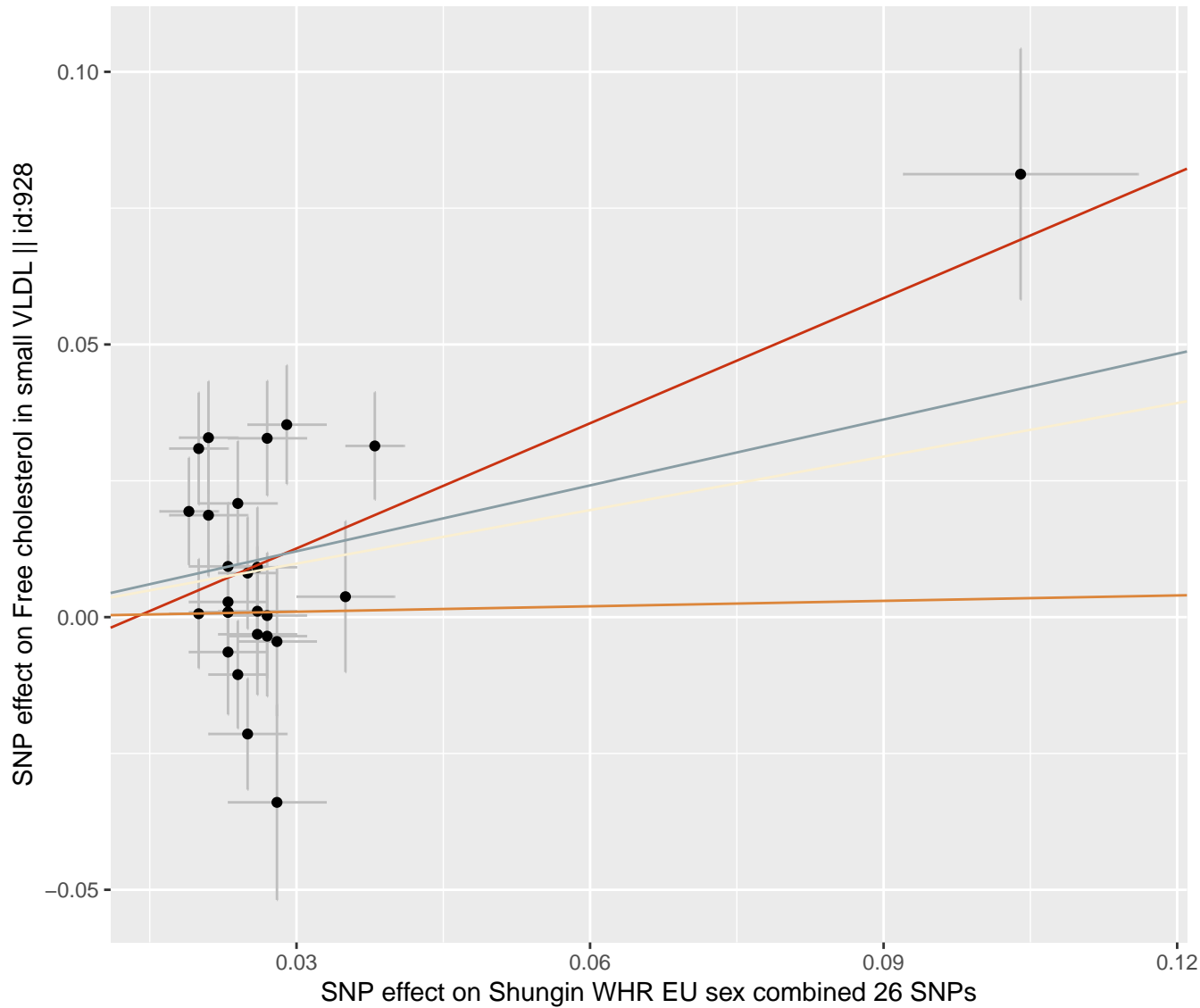
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



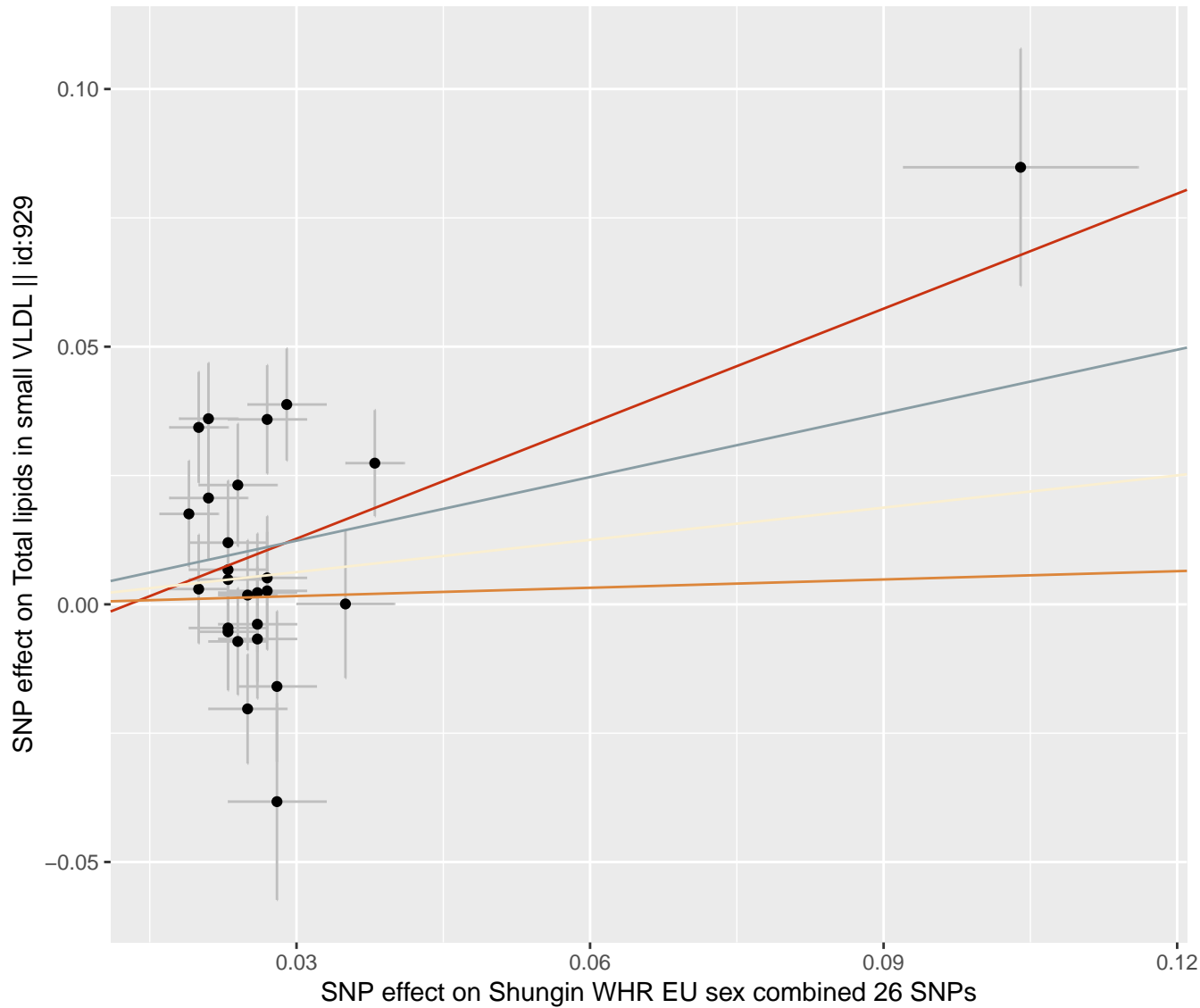
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



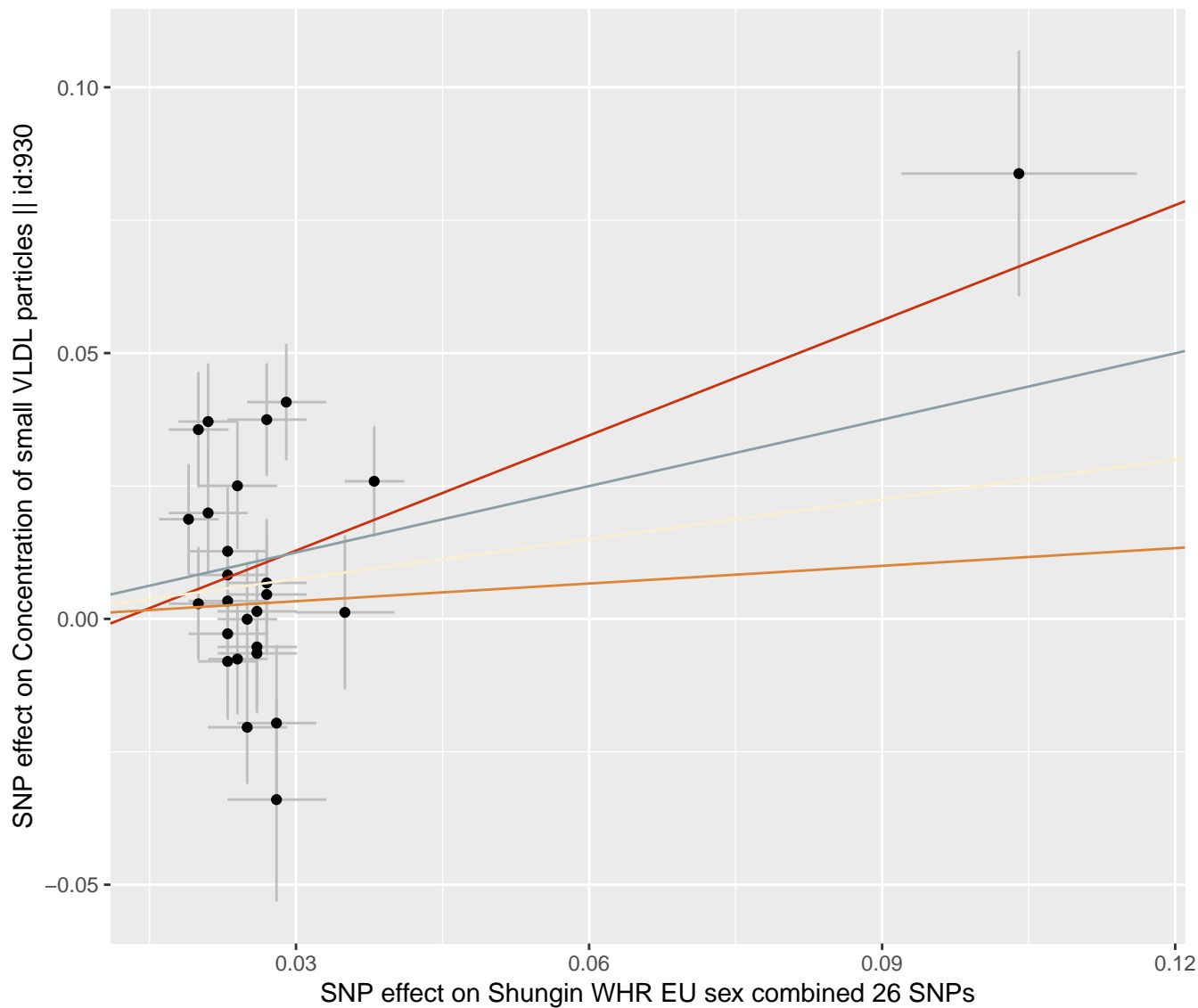
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



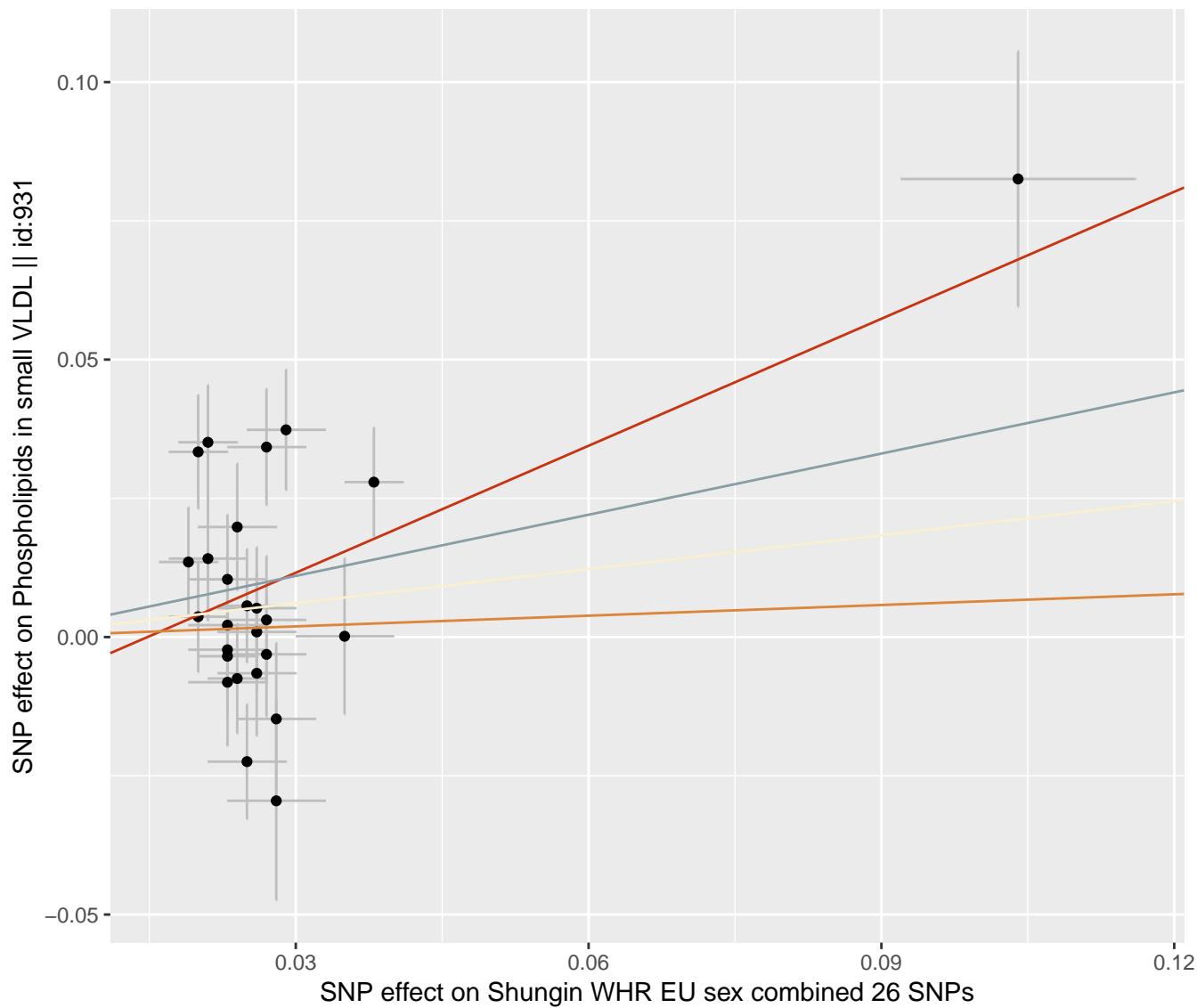
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

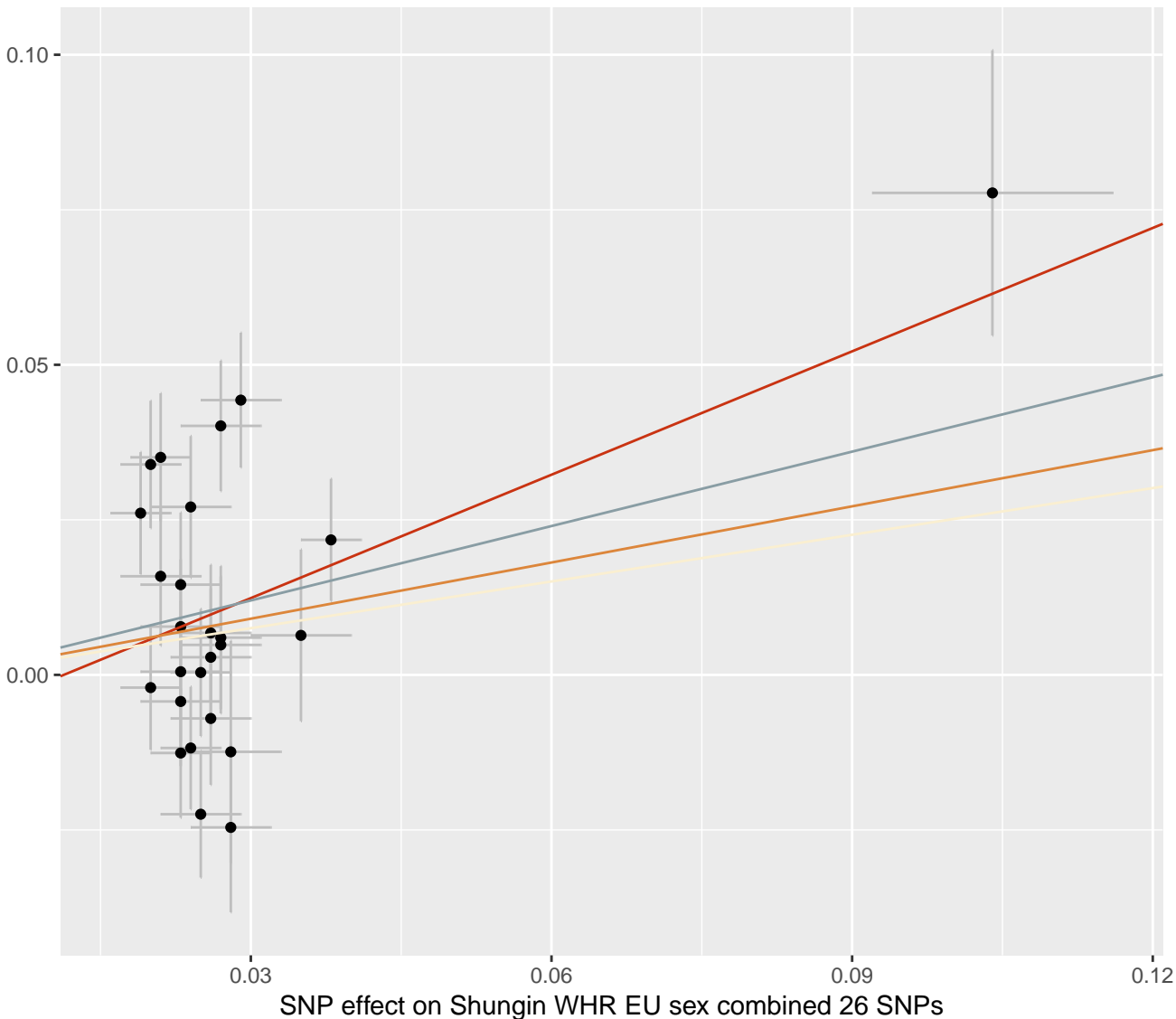
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

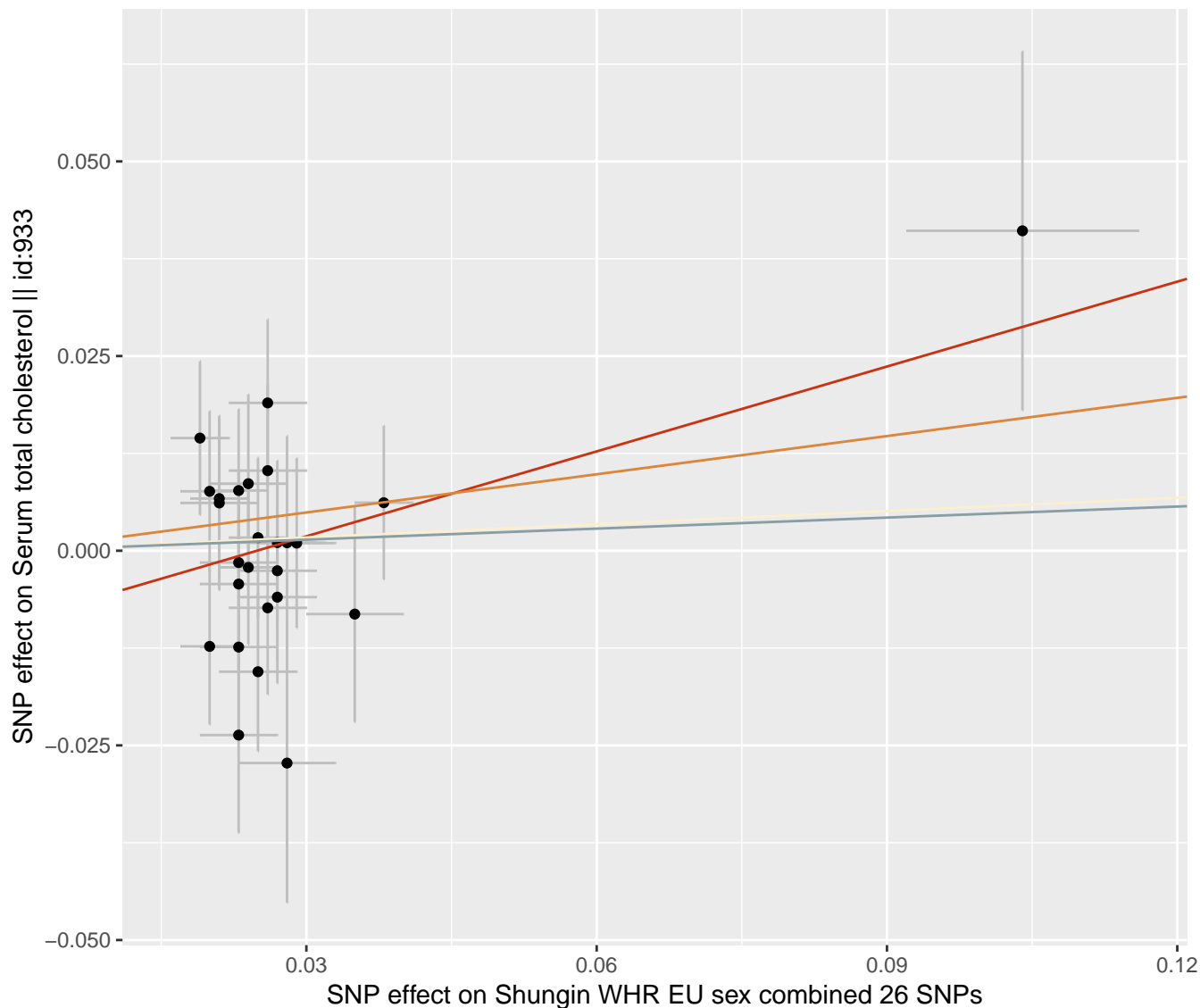
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Triglycerides in small VLDL || id:932



MR Test

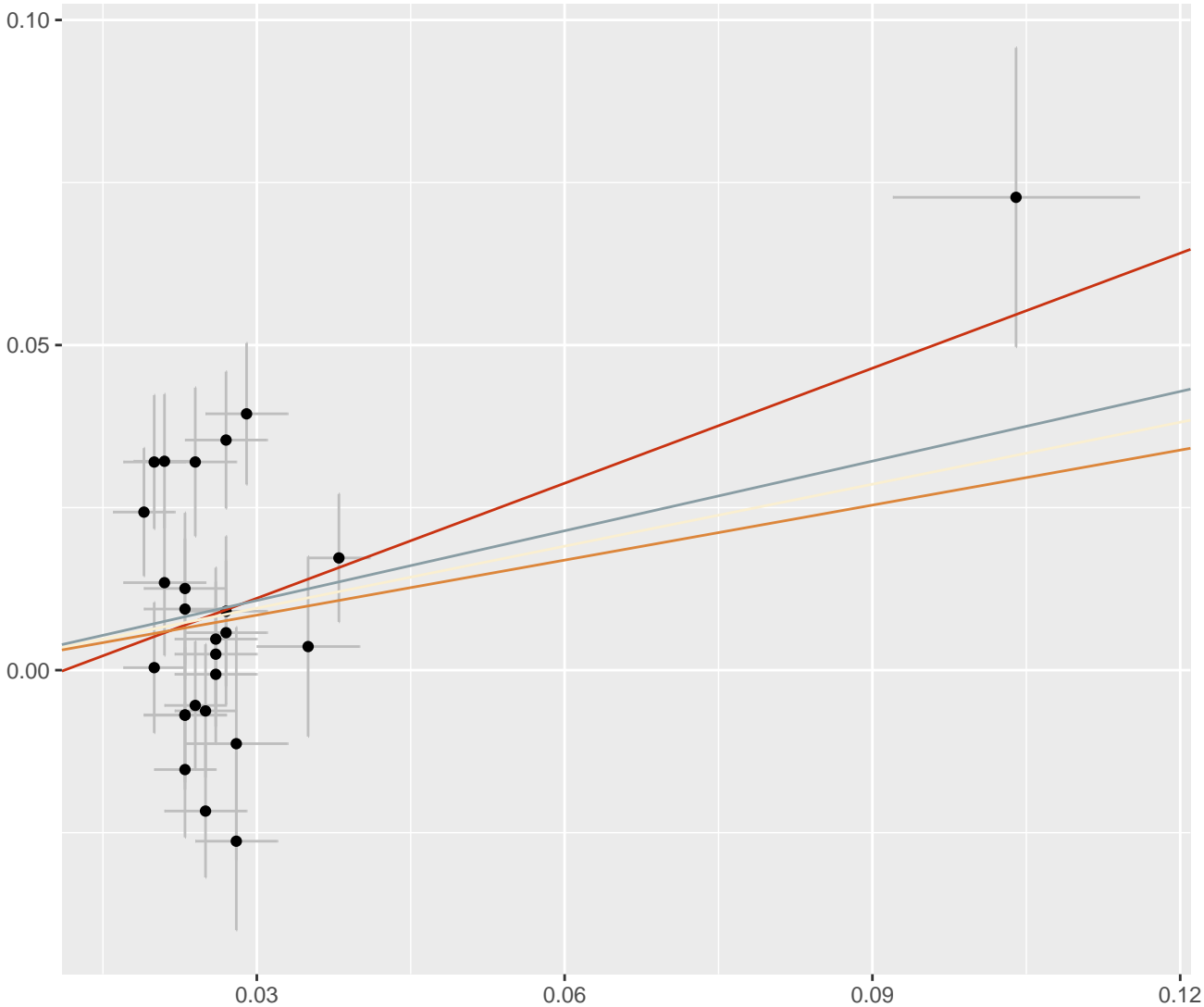
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

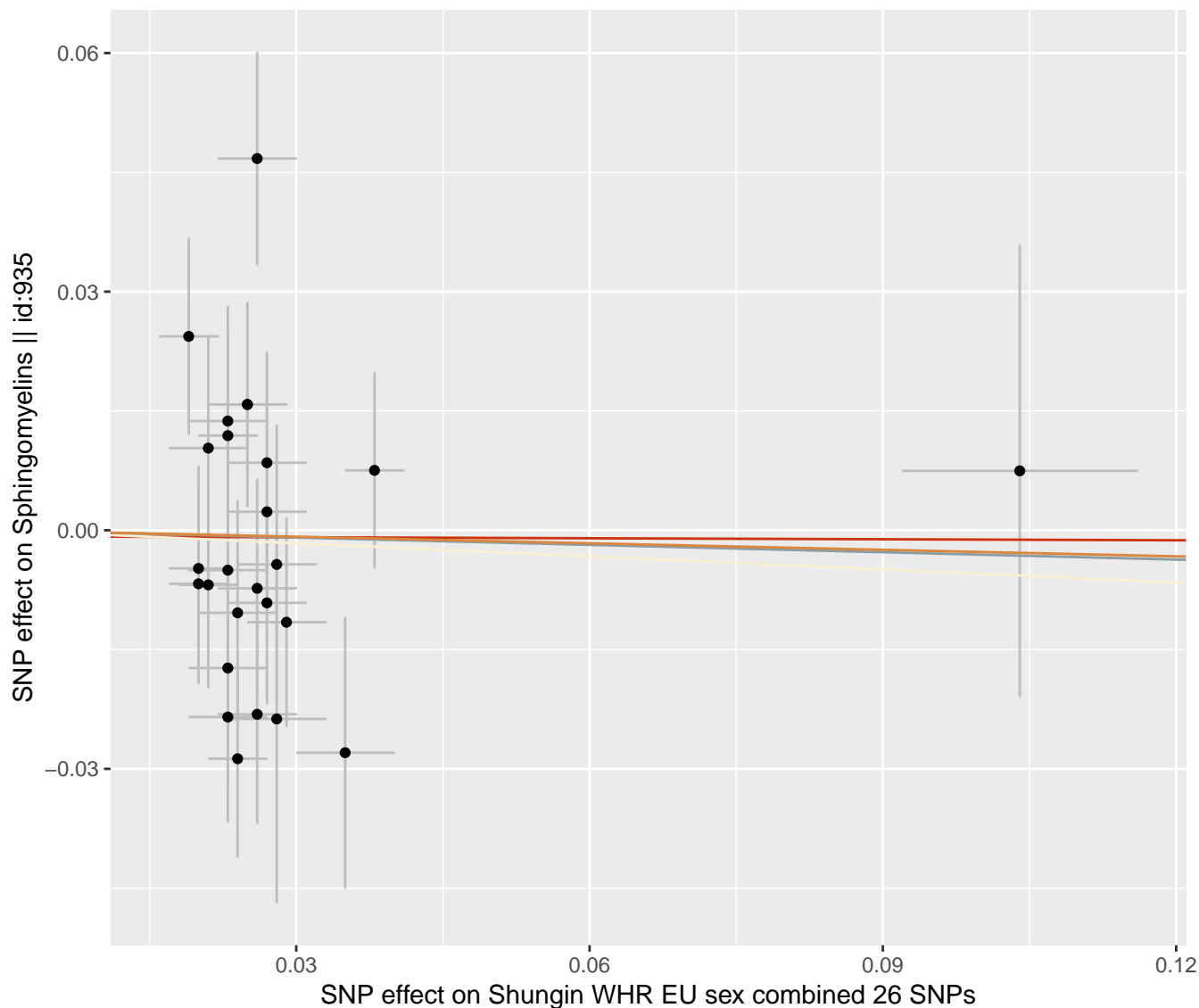
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Serum total triglycerides || id:934



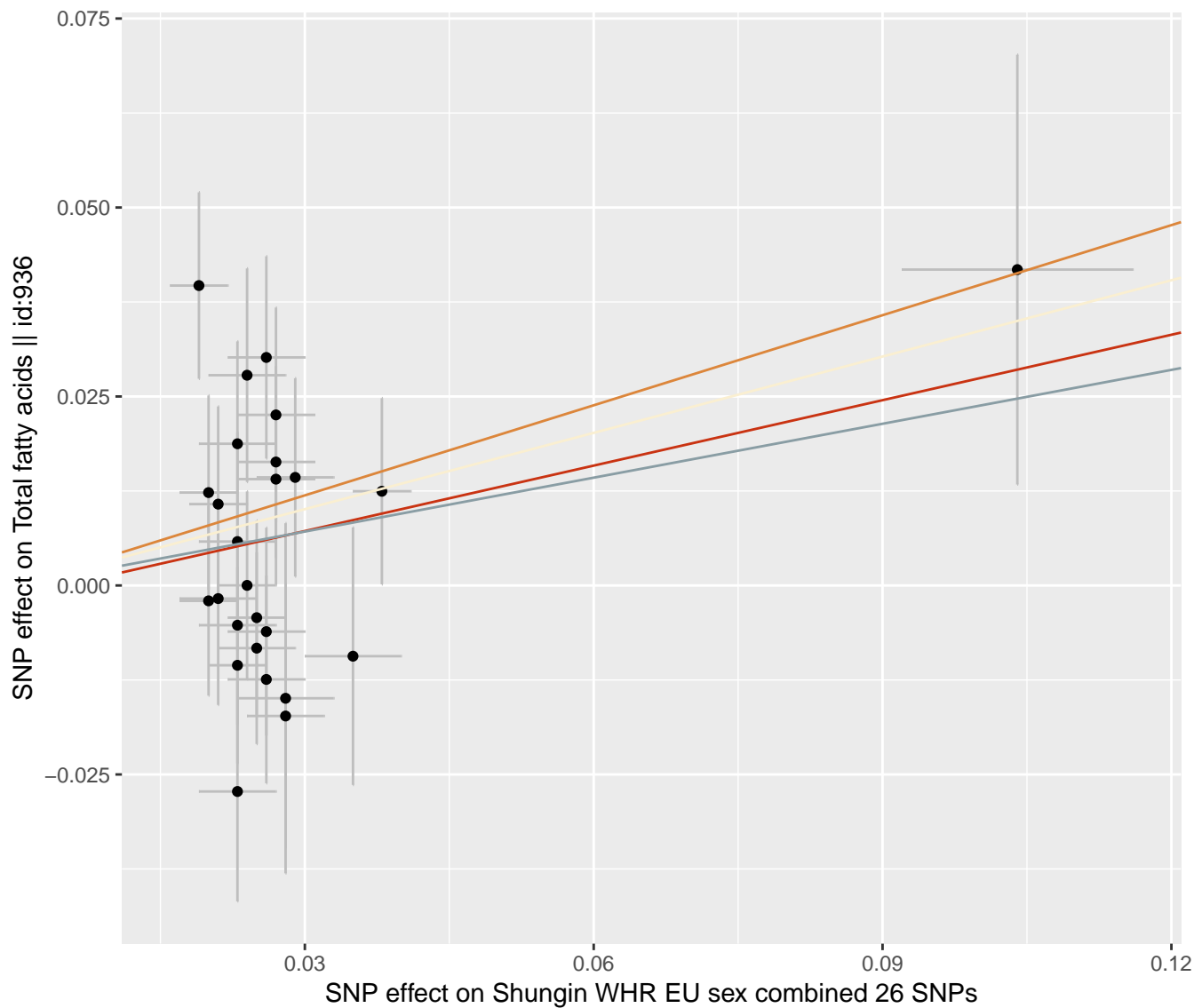
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



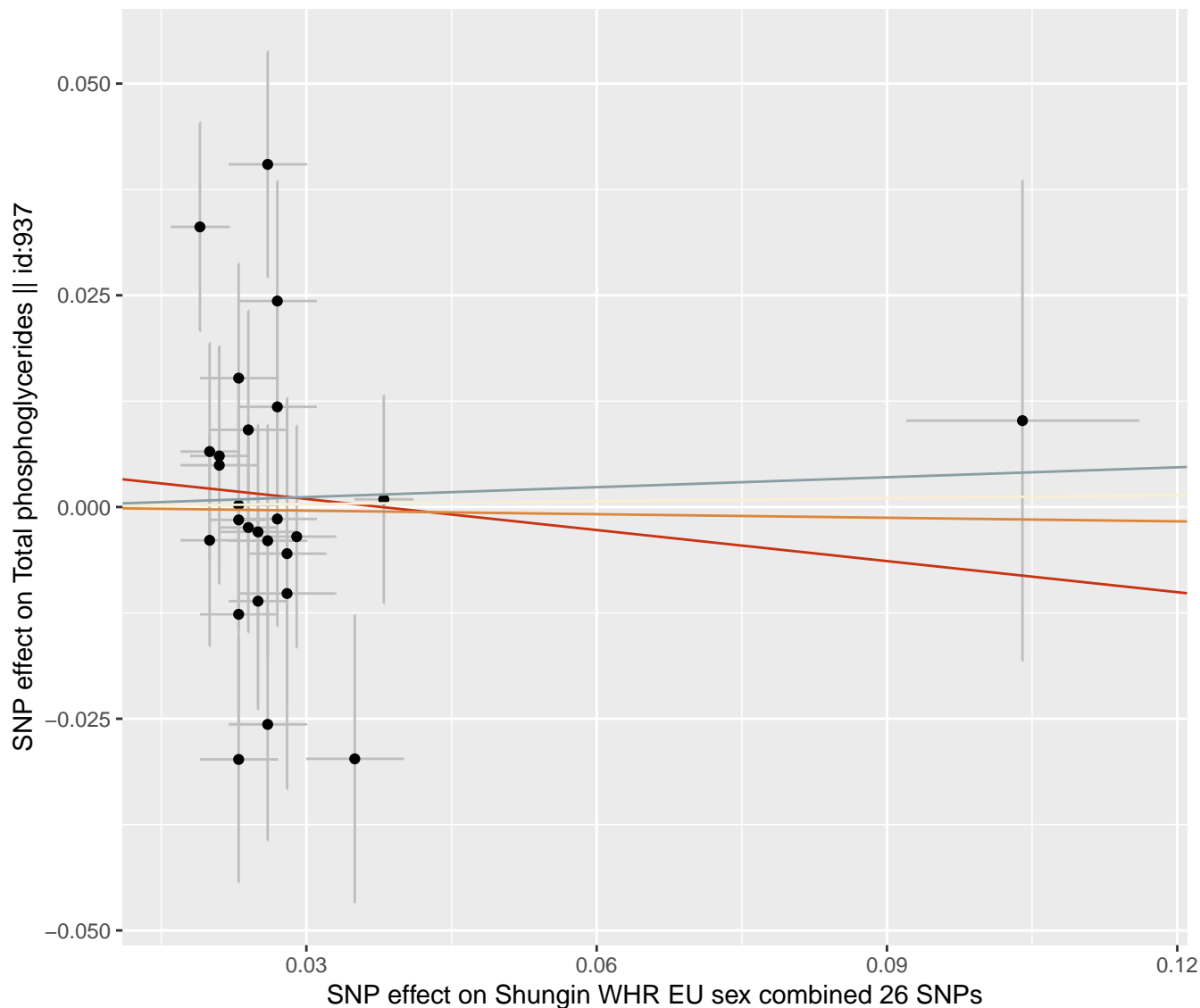
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



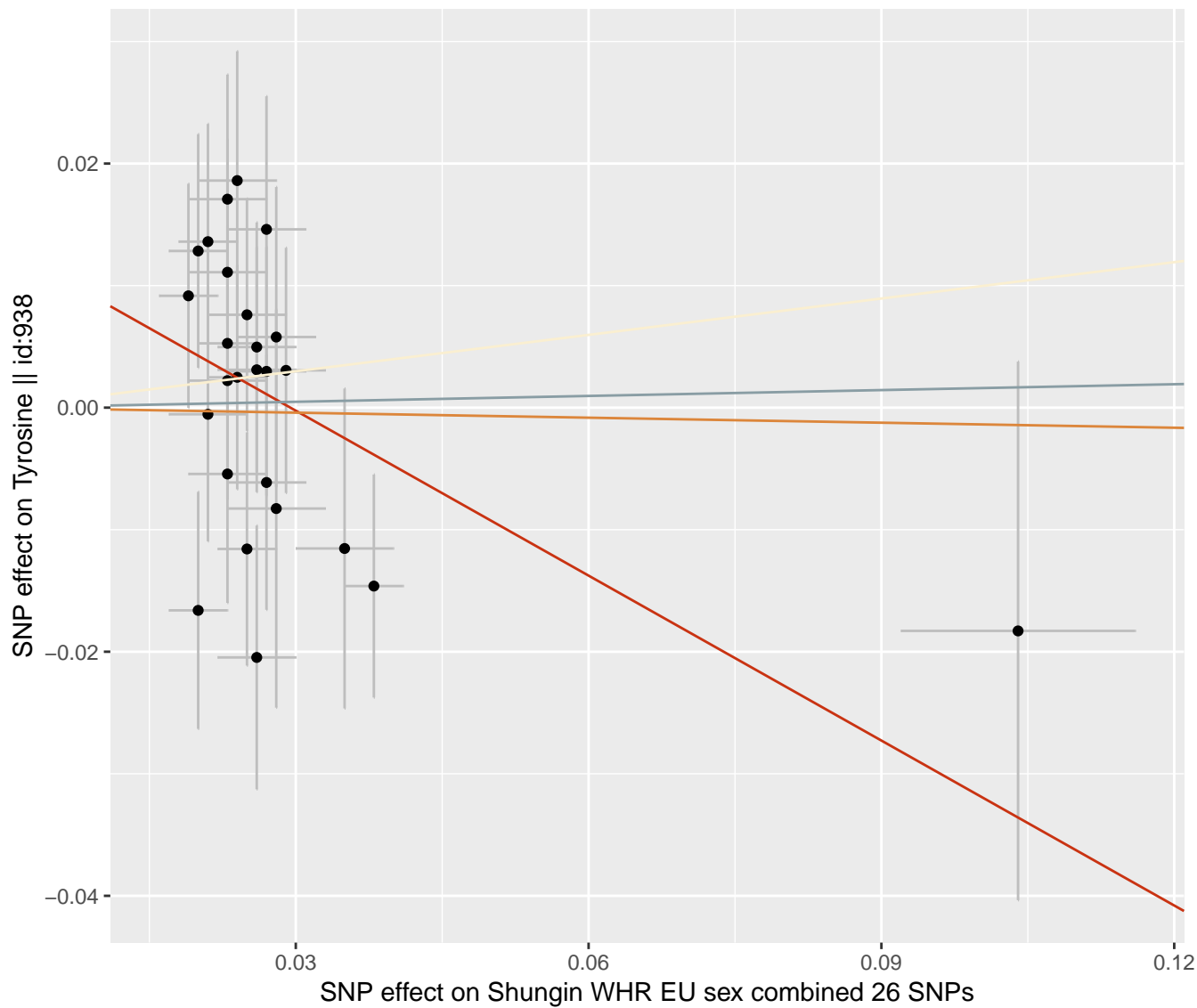
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



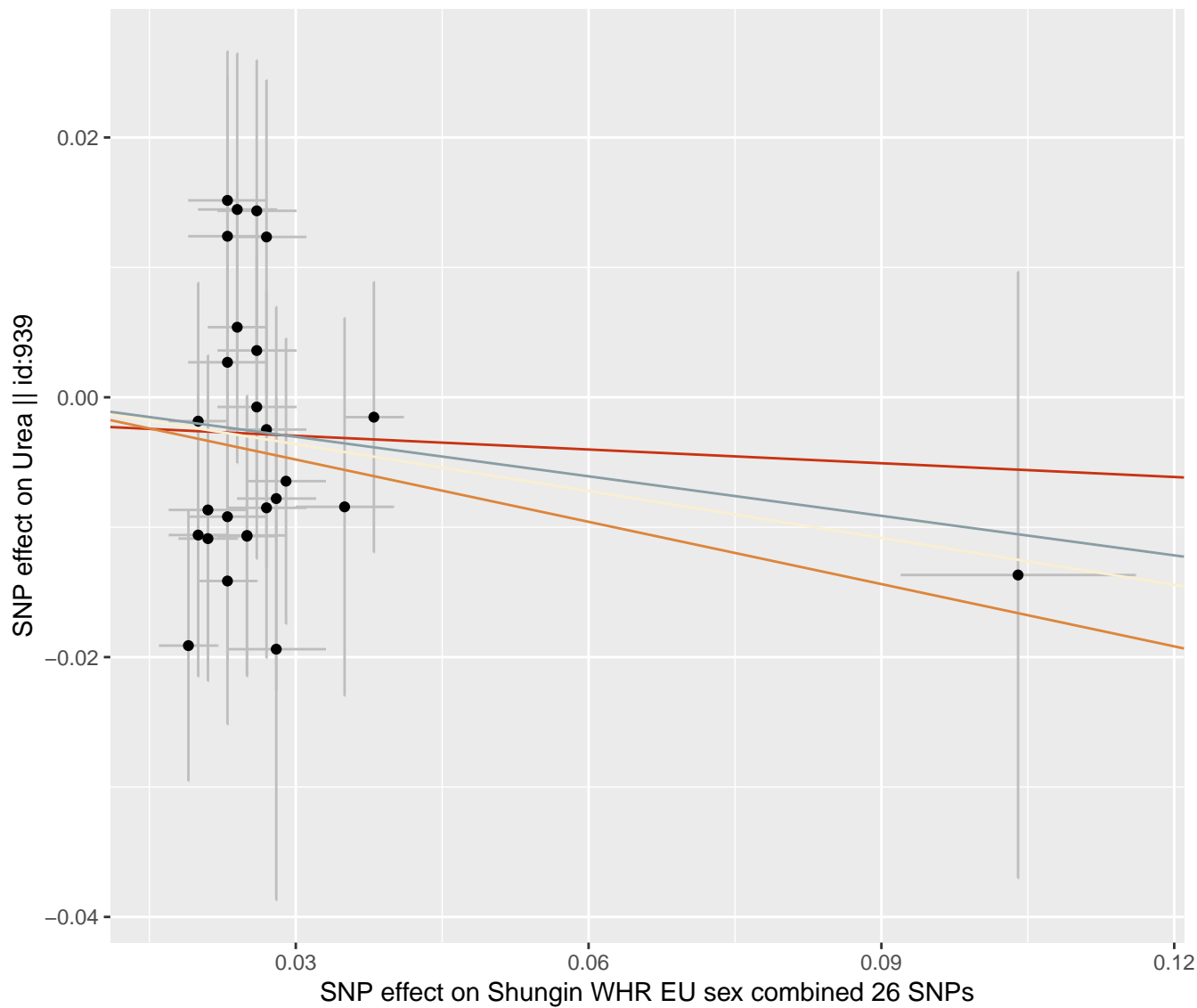
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



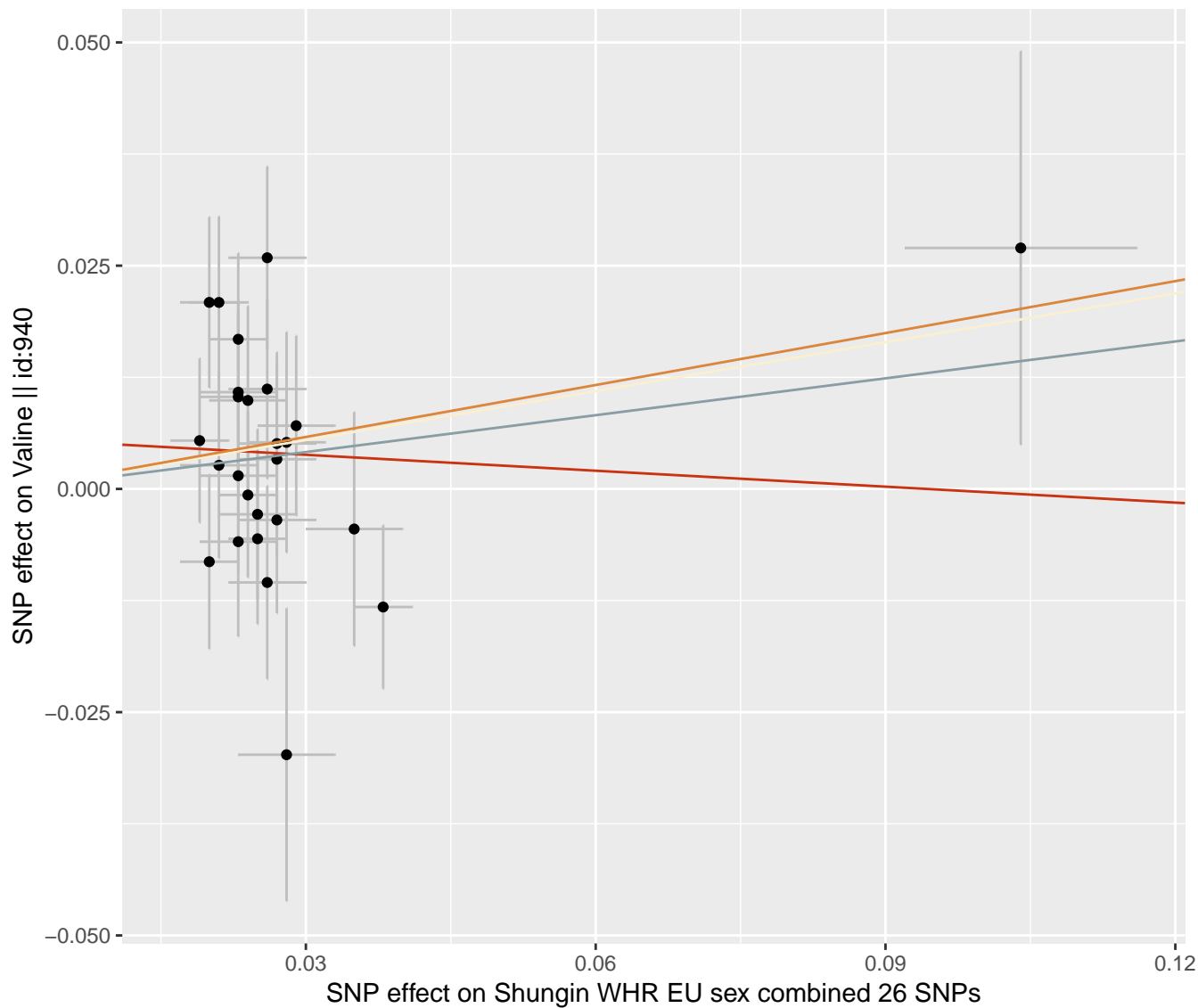
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

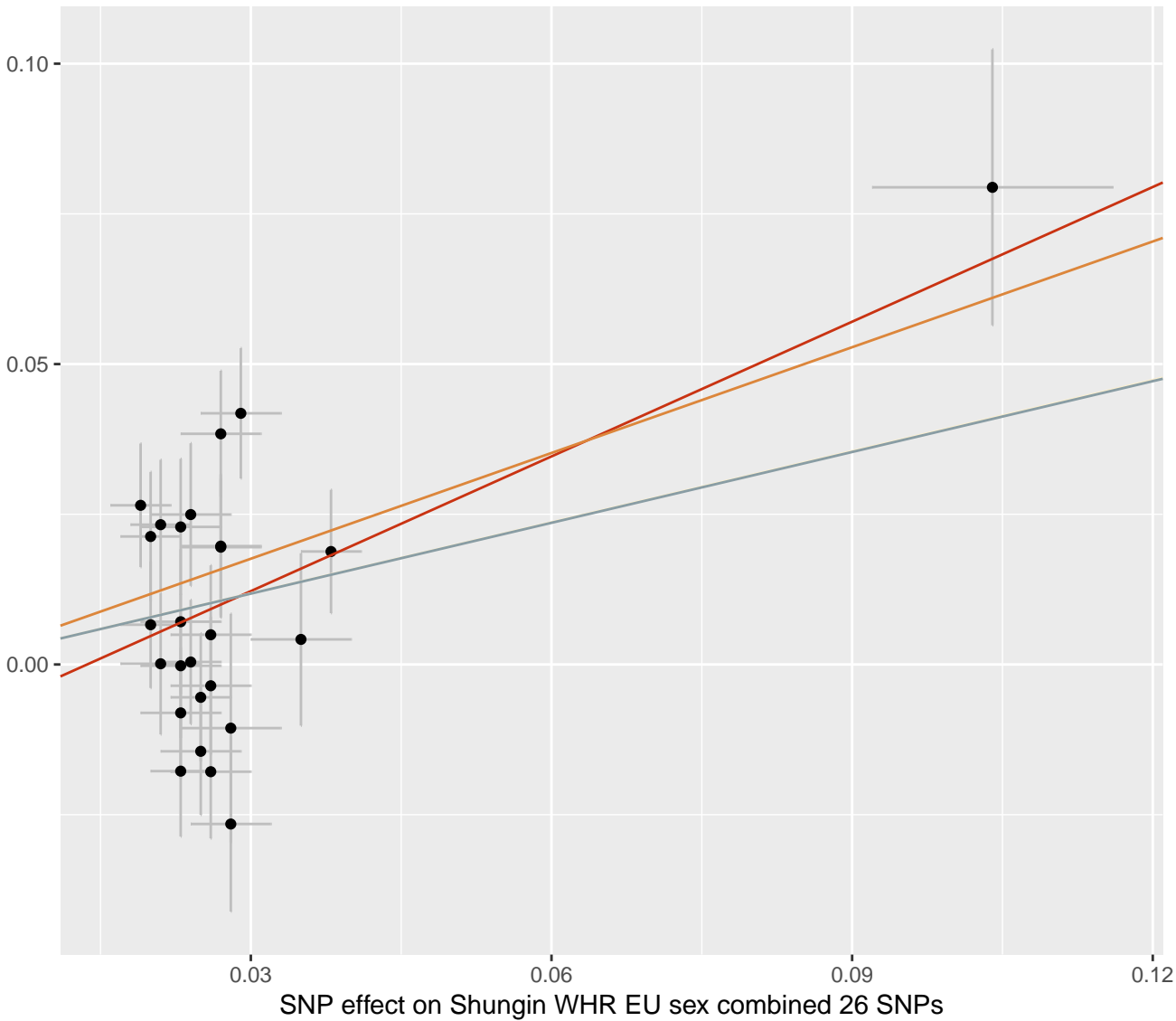
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

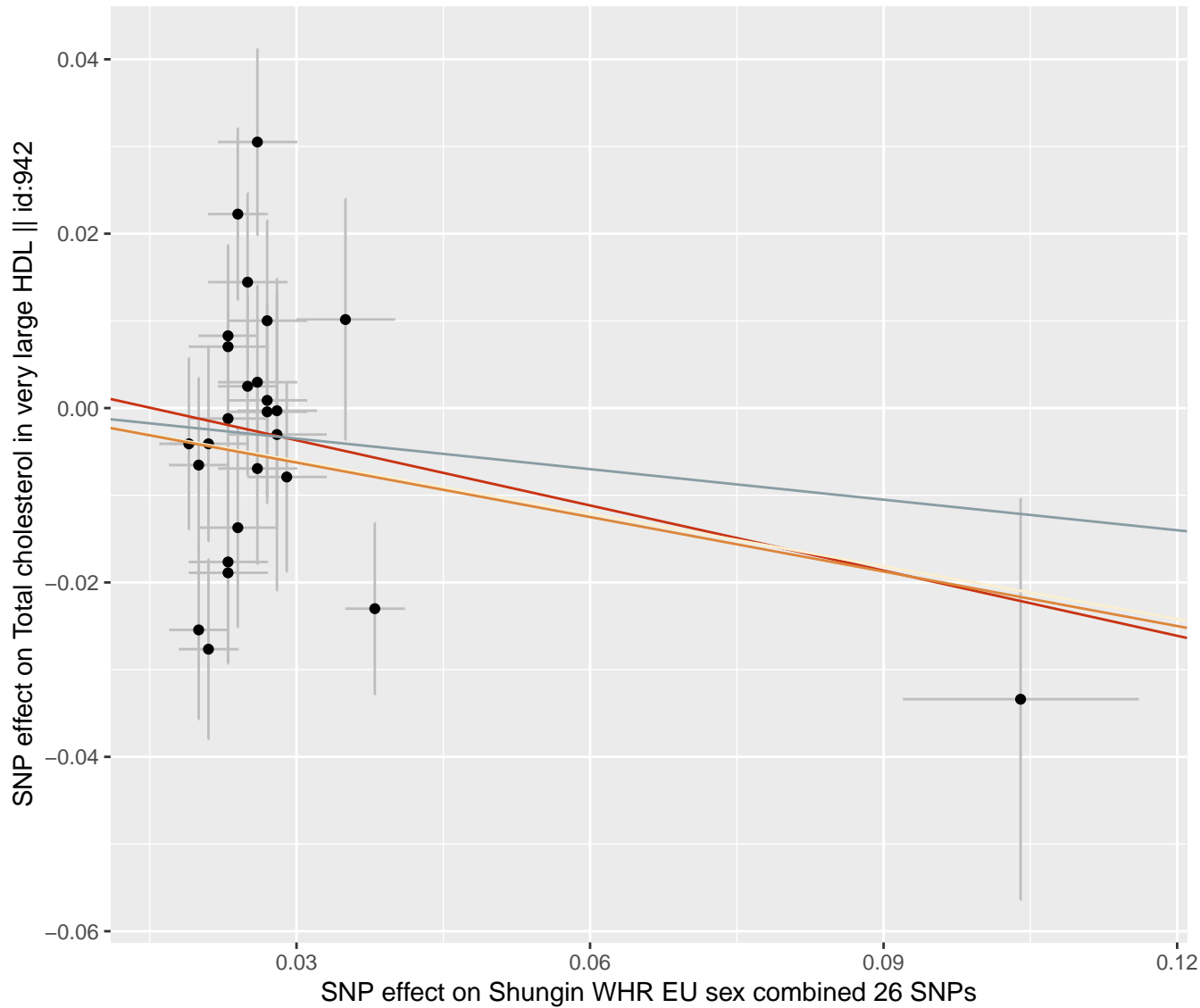
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Mean diameter for VLDL particles || id:941



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test



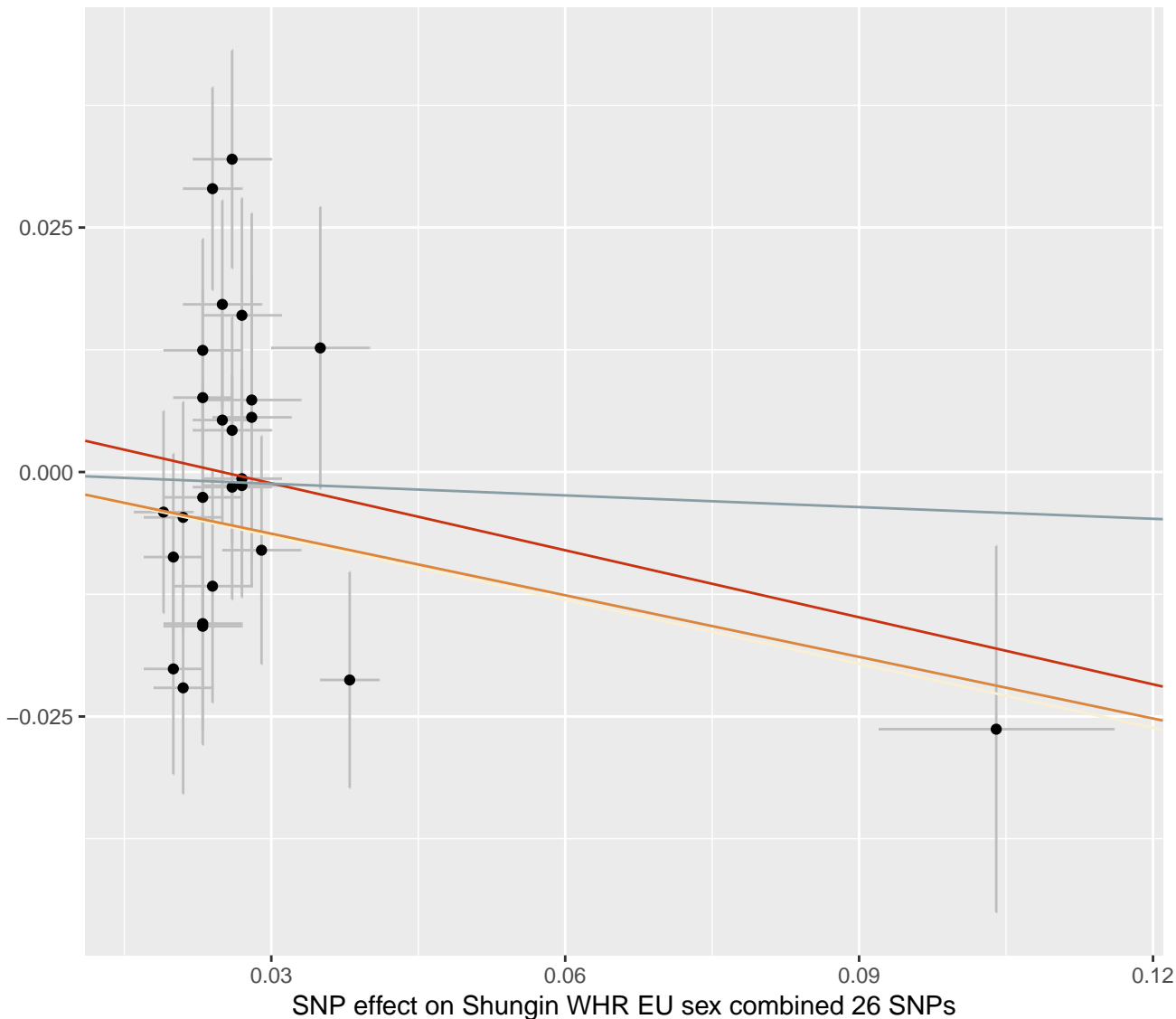
Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

Weighted mode

SNP effect on Cholesterol esters in very large HDL || id:943



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

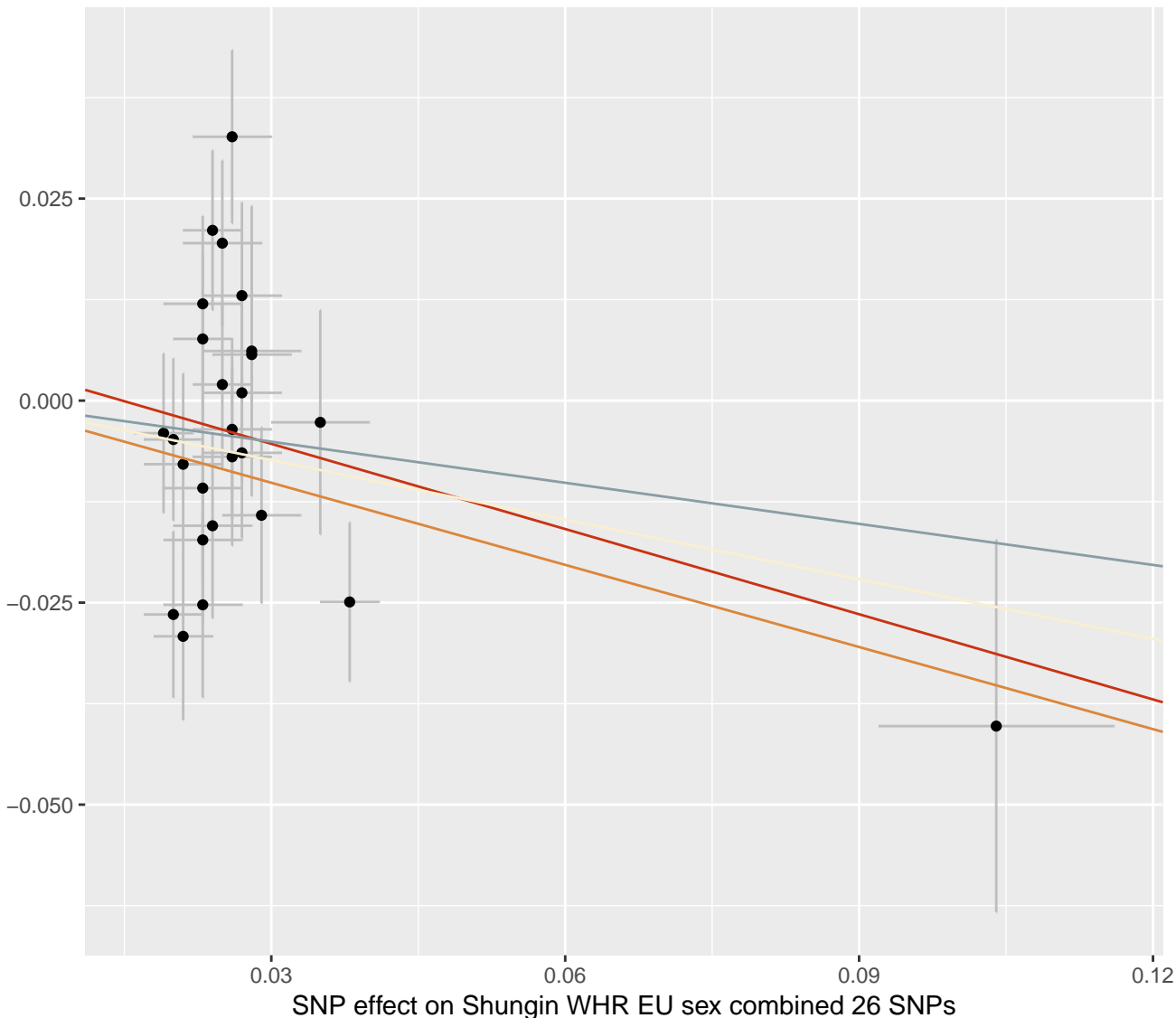


Weighted median



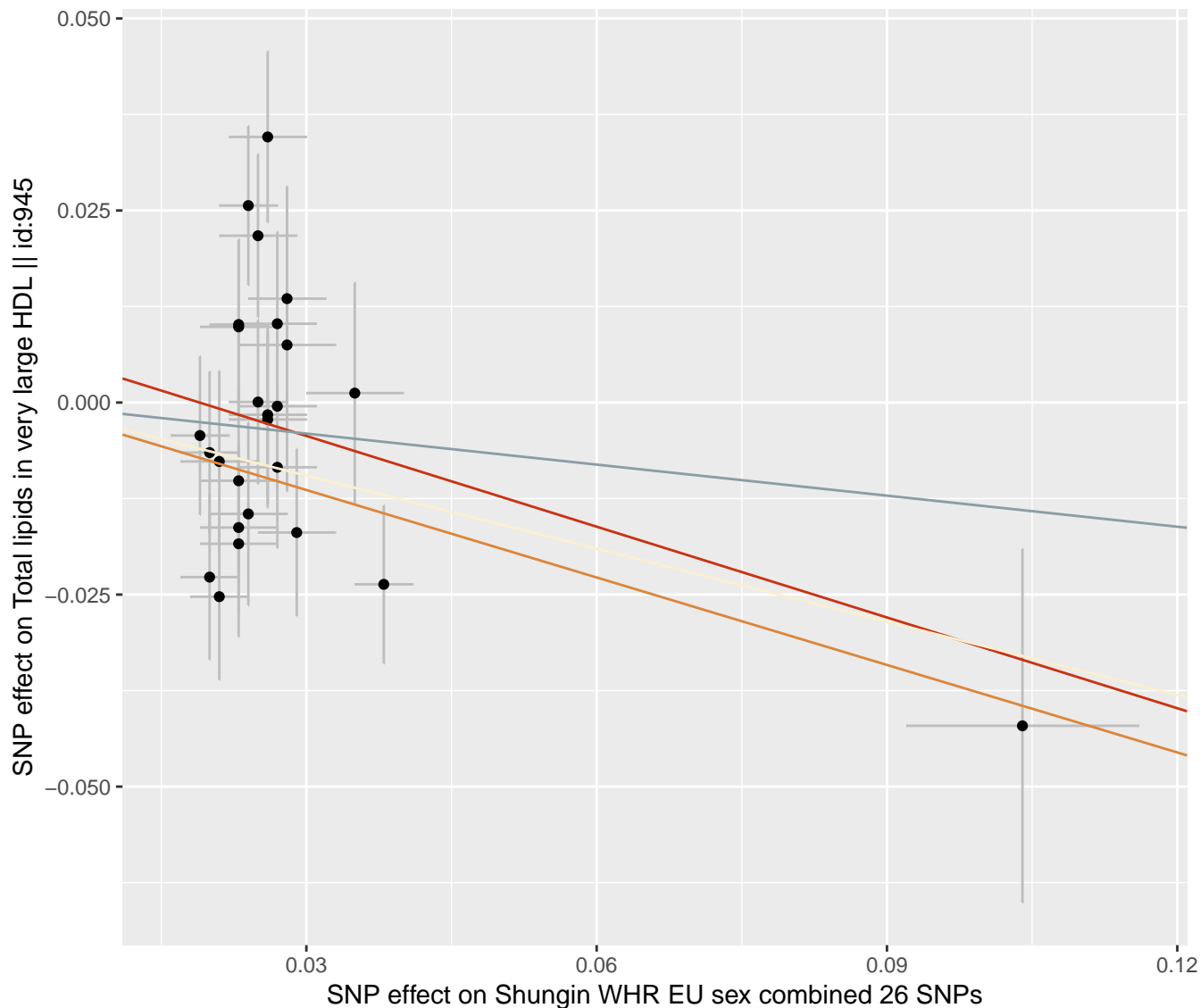
Weighted mode

SNP effect on Free cholesterol in very large HDL || id:944



MR Test

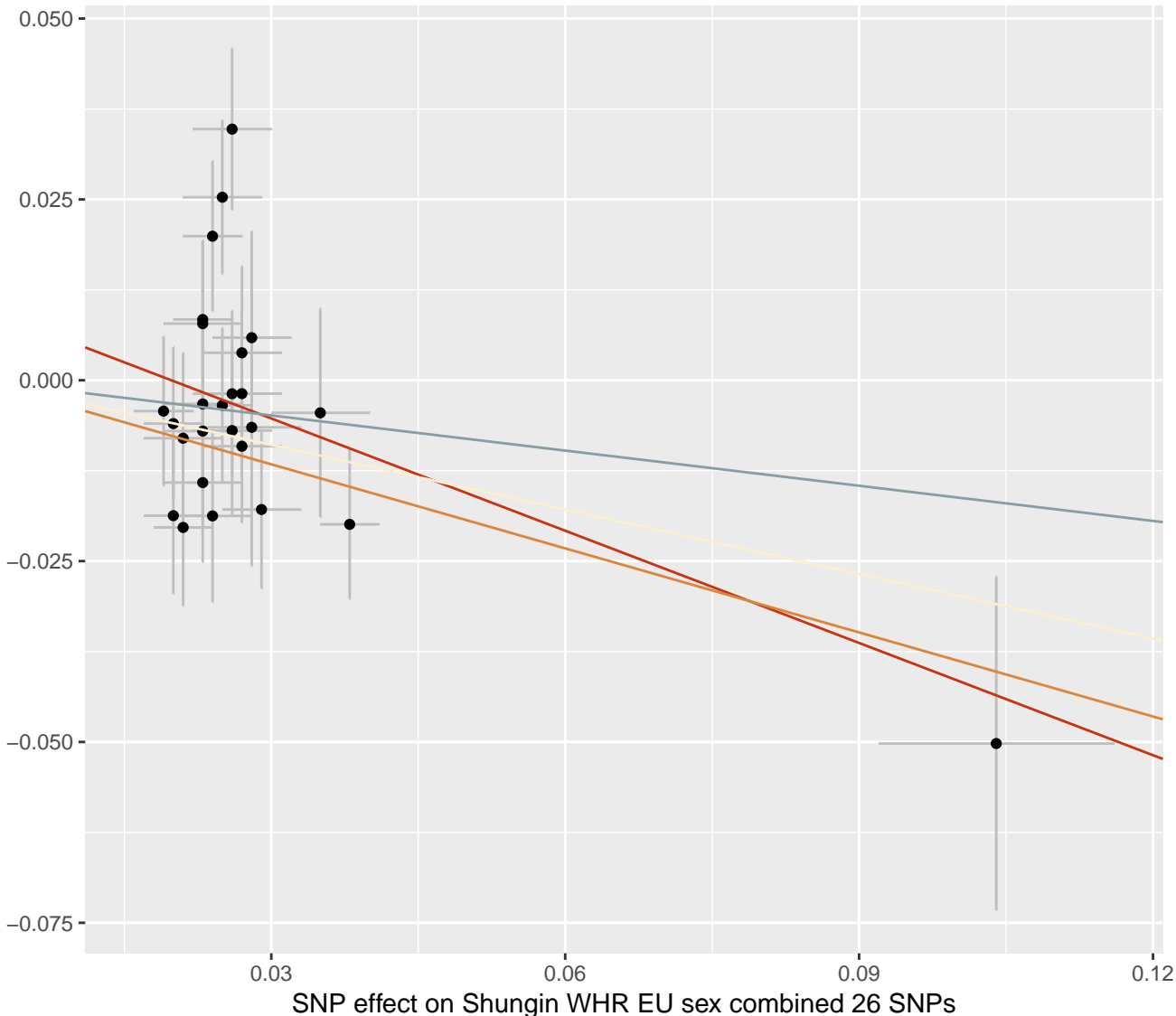
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Concentration of very large HDL particles || id:946



MR Test



Inverse variance weighted (multiplicative random effects)

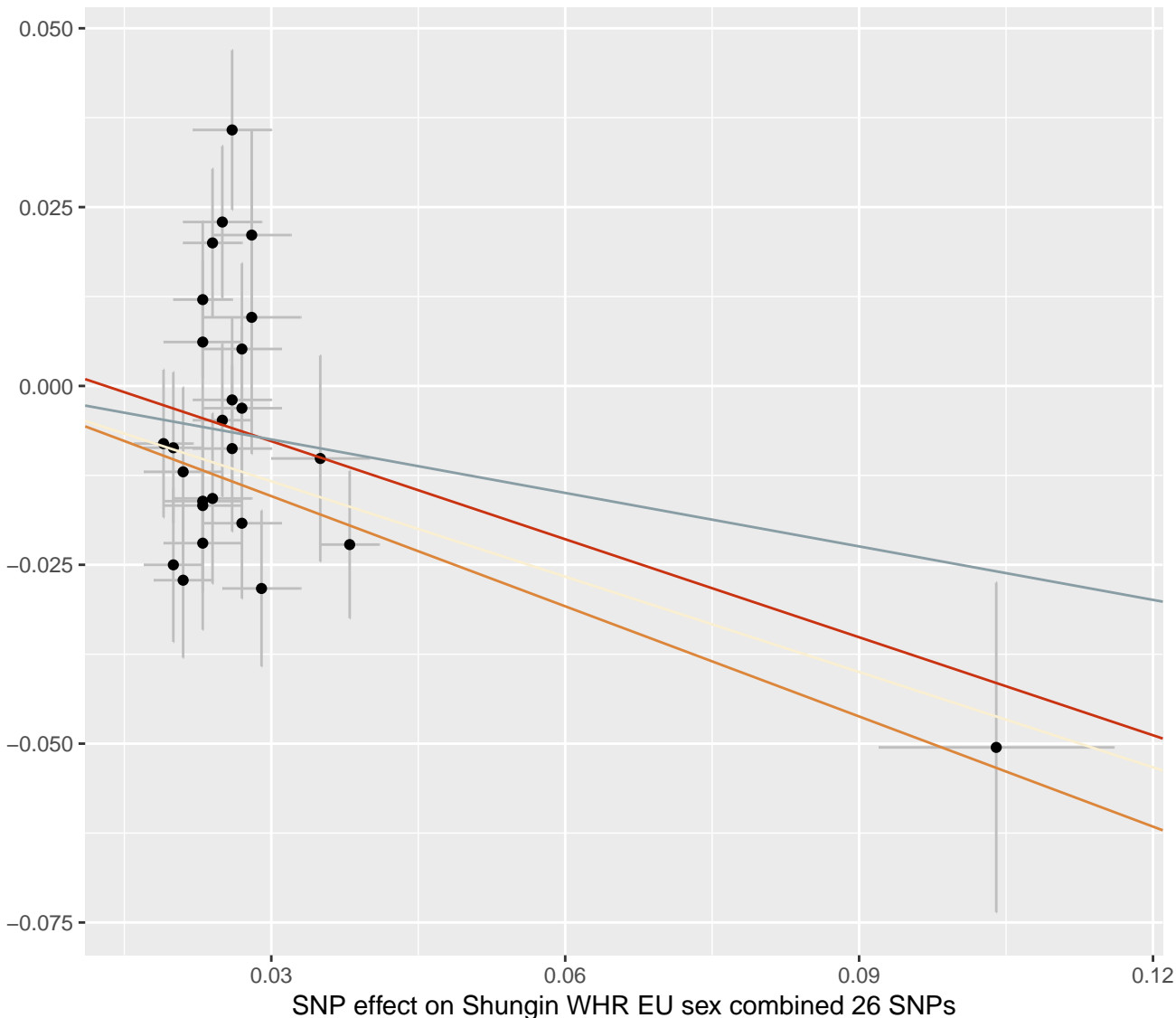
MR Egger



Weighted median

Weighted mode

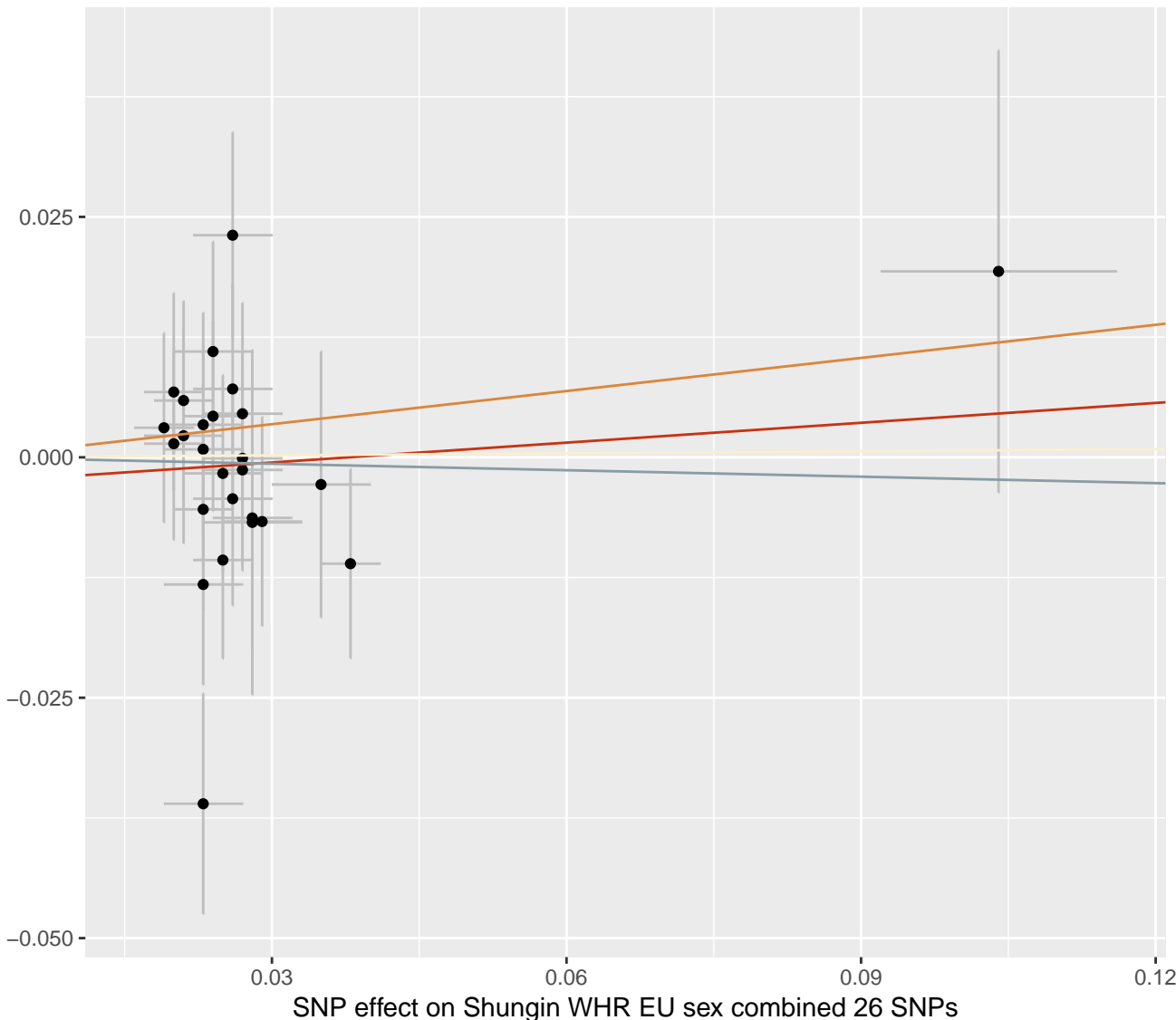
SNP effect on Phospholipids in very large HDL || id:947



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Triglycerides in very large HDL || id:948



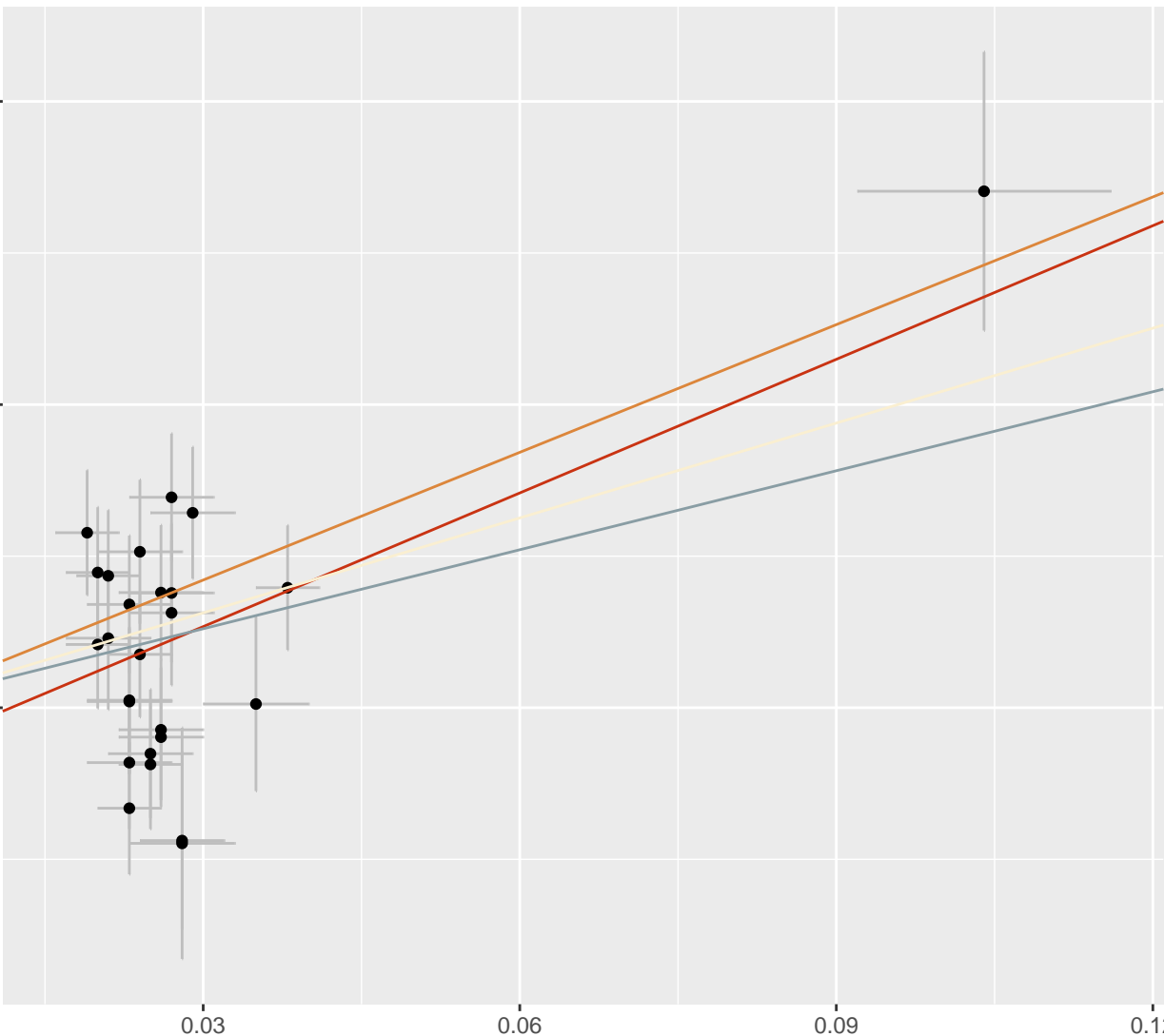
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Total lipids in very large VLDL || id:949

0.10
0.05
0.00

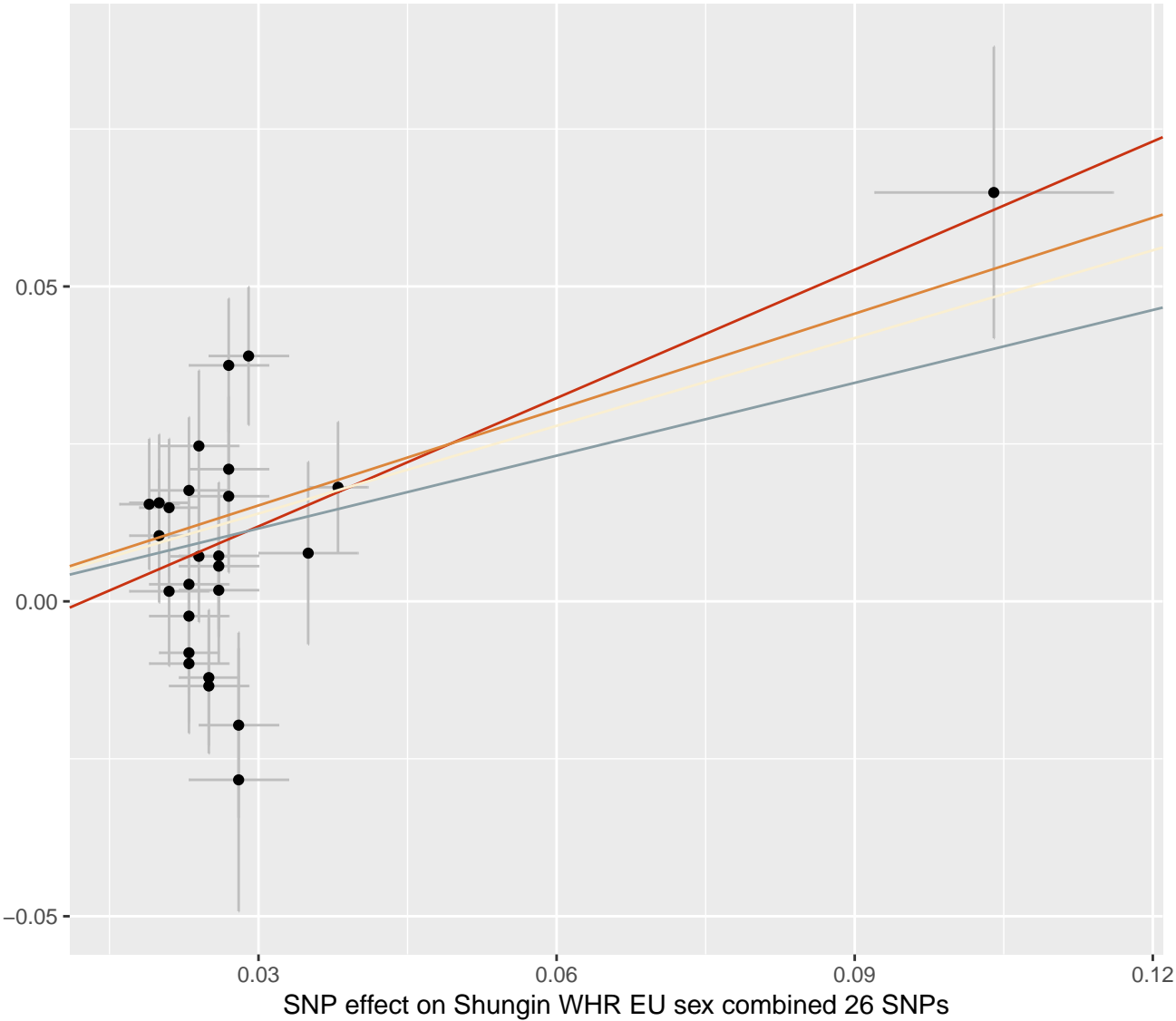
SNP effect on Shungin WHR EU sex combined 26 SNPs



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

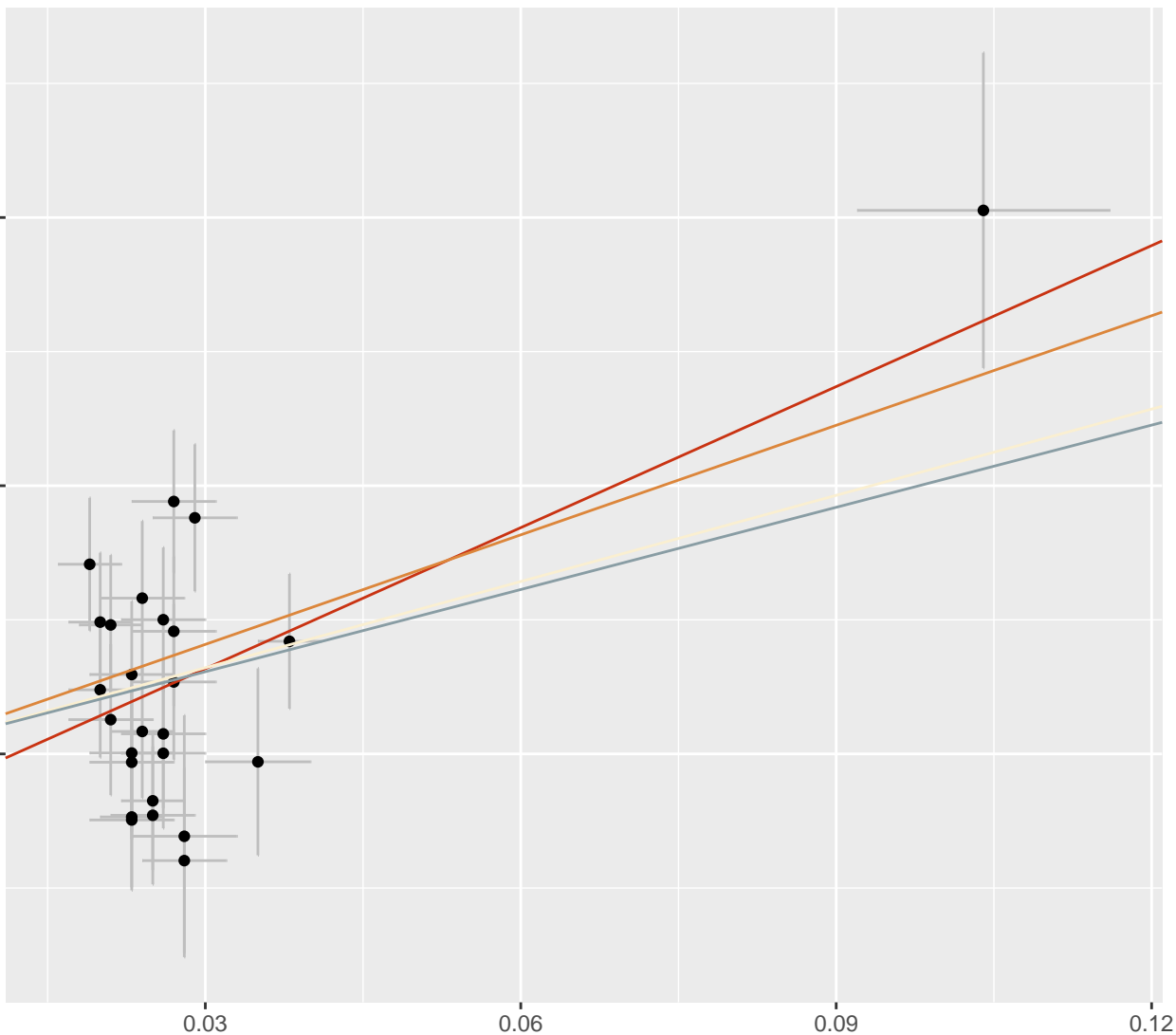
SNP effect on Concentration of very large VLDL particles || id:950



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

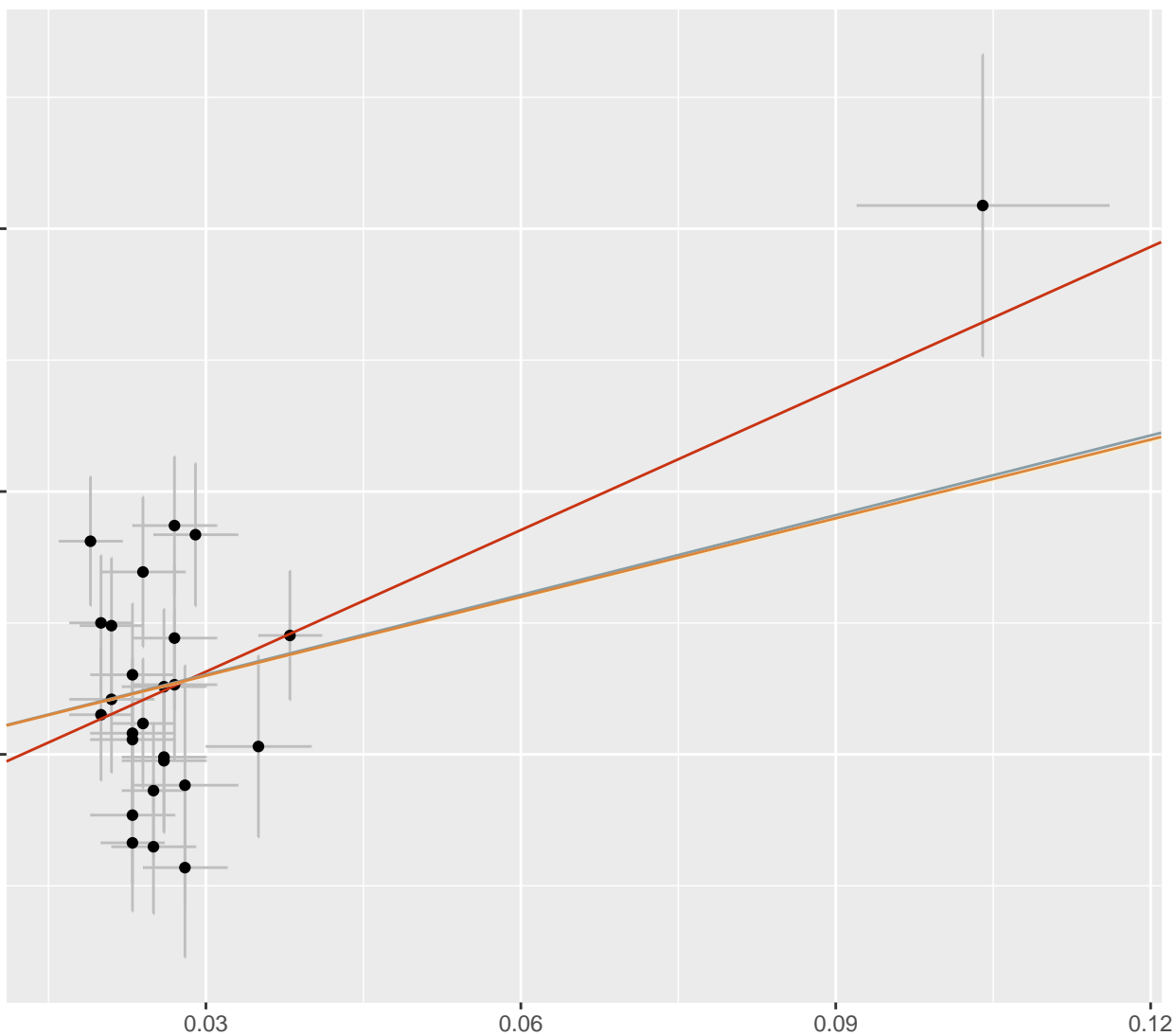
SNP effect on Phospholipids in very large VLDL || id:951



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Triglycerides in very large VLDL || id:952



MR Test



Inverse variance weighted (multiplicative random effects)

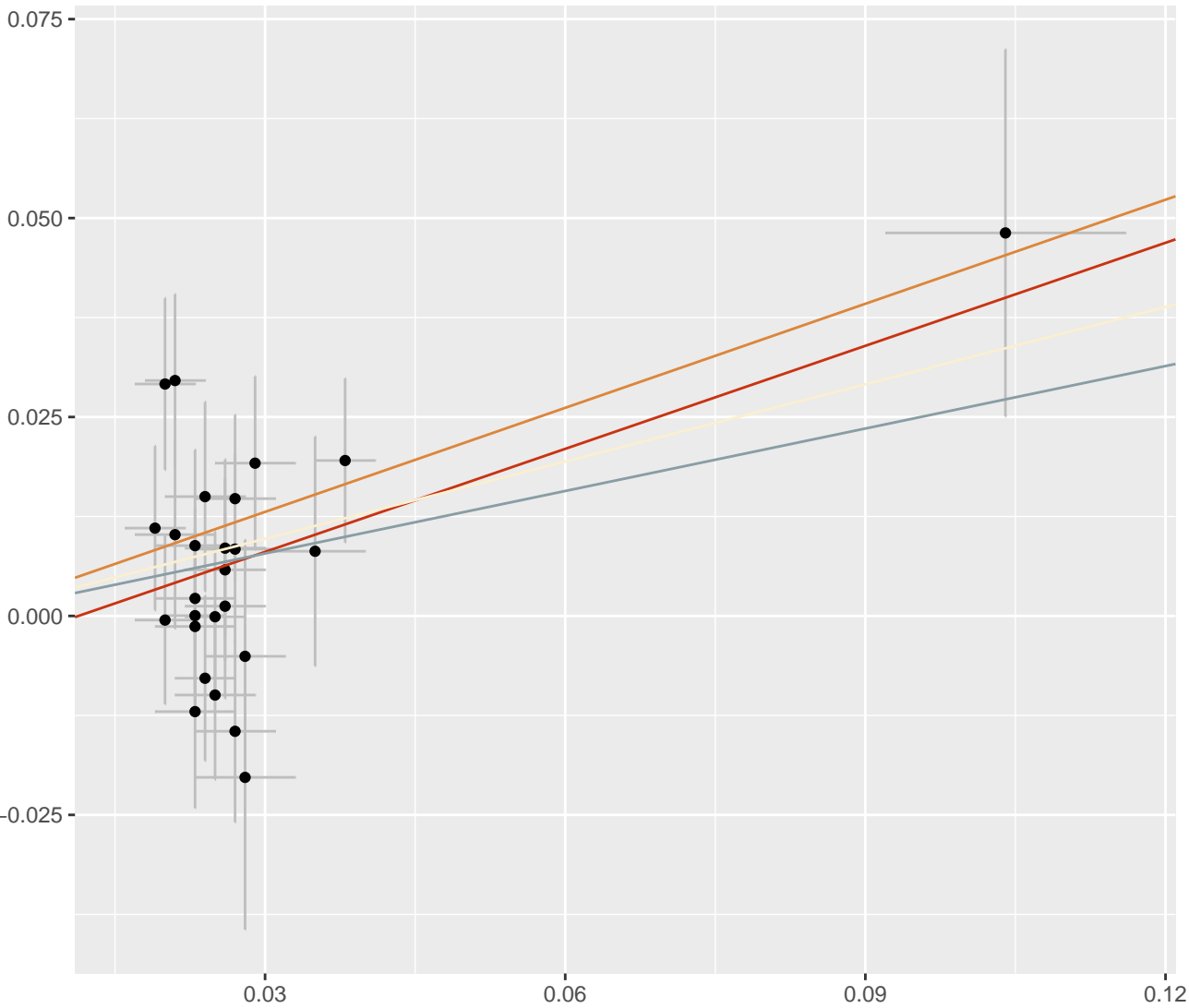
MR Egger



Weighted median

Weighted mode

SNP effect on Total lipids in very small VLDL || id:953



MR Test



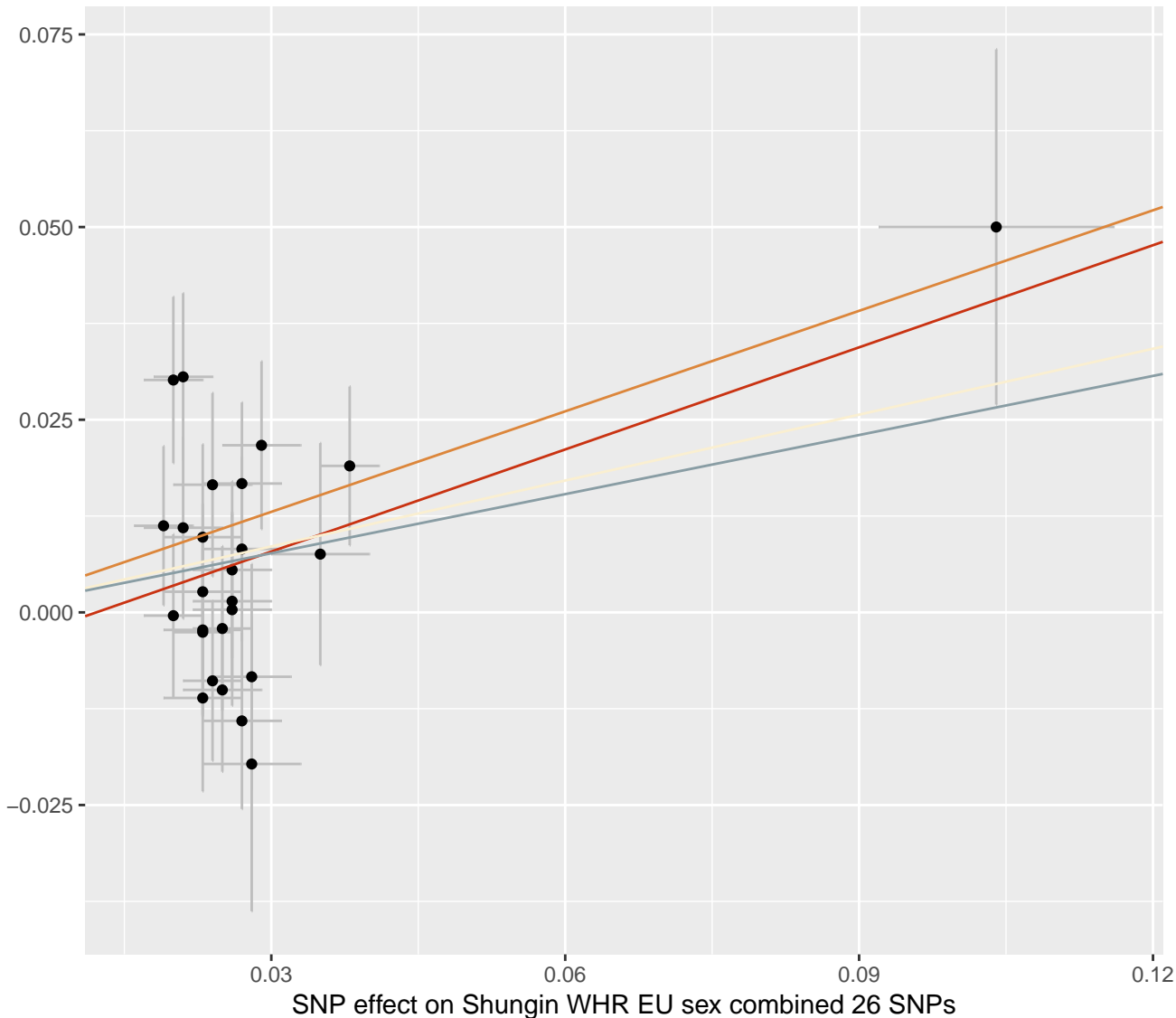
Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

Weighted mode

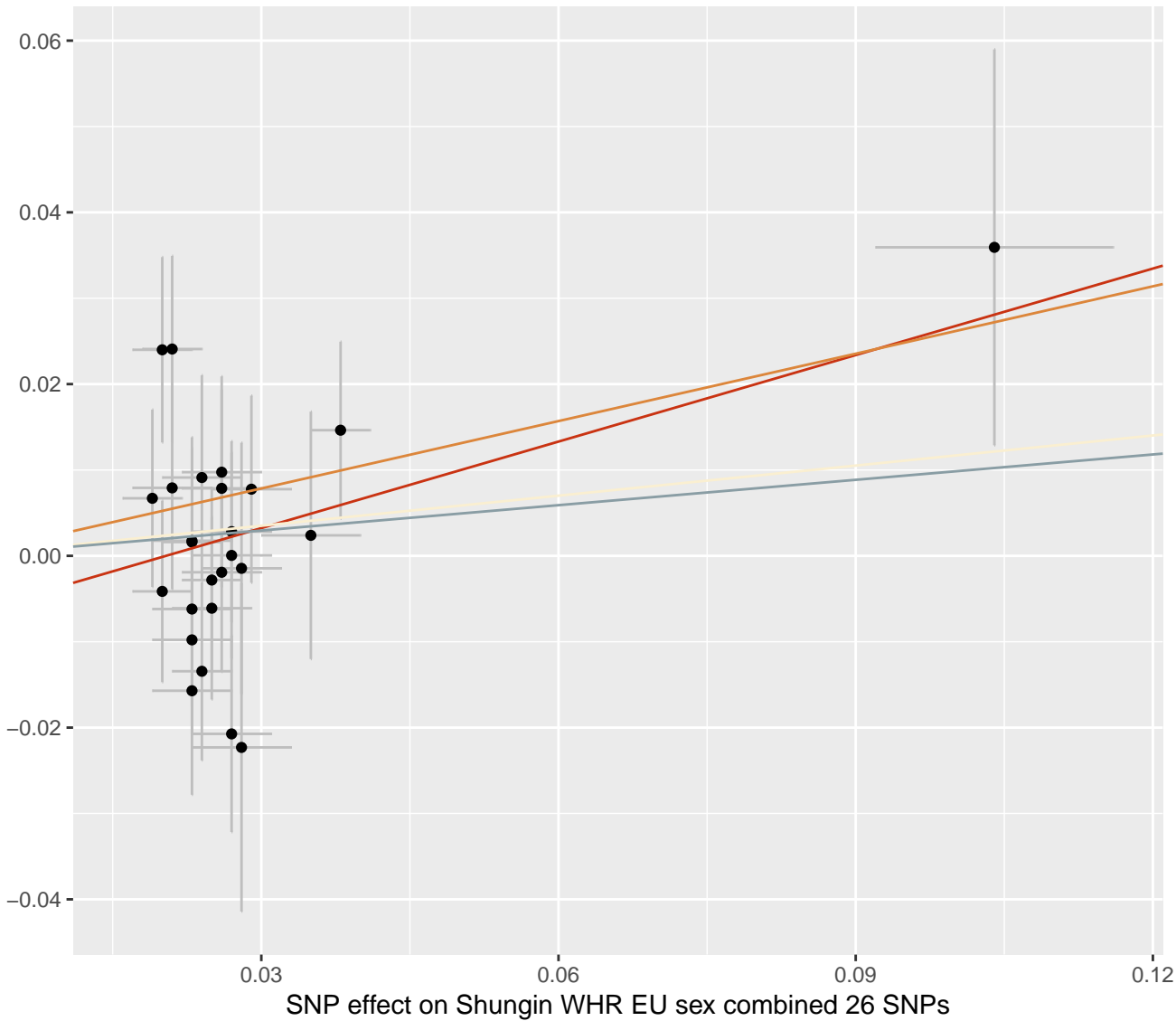
SNP effect on Concentration of very small VLDL particles || id:954



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

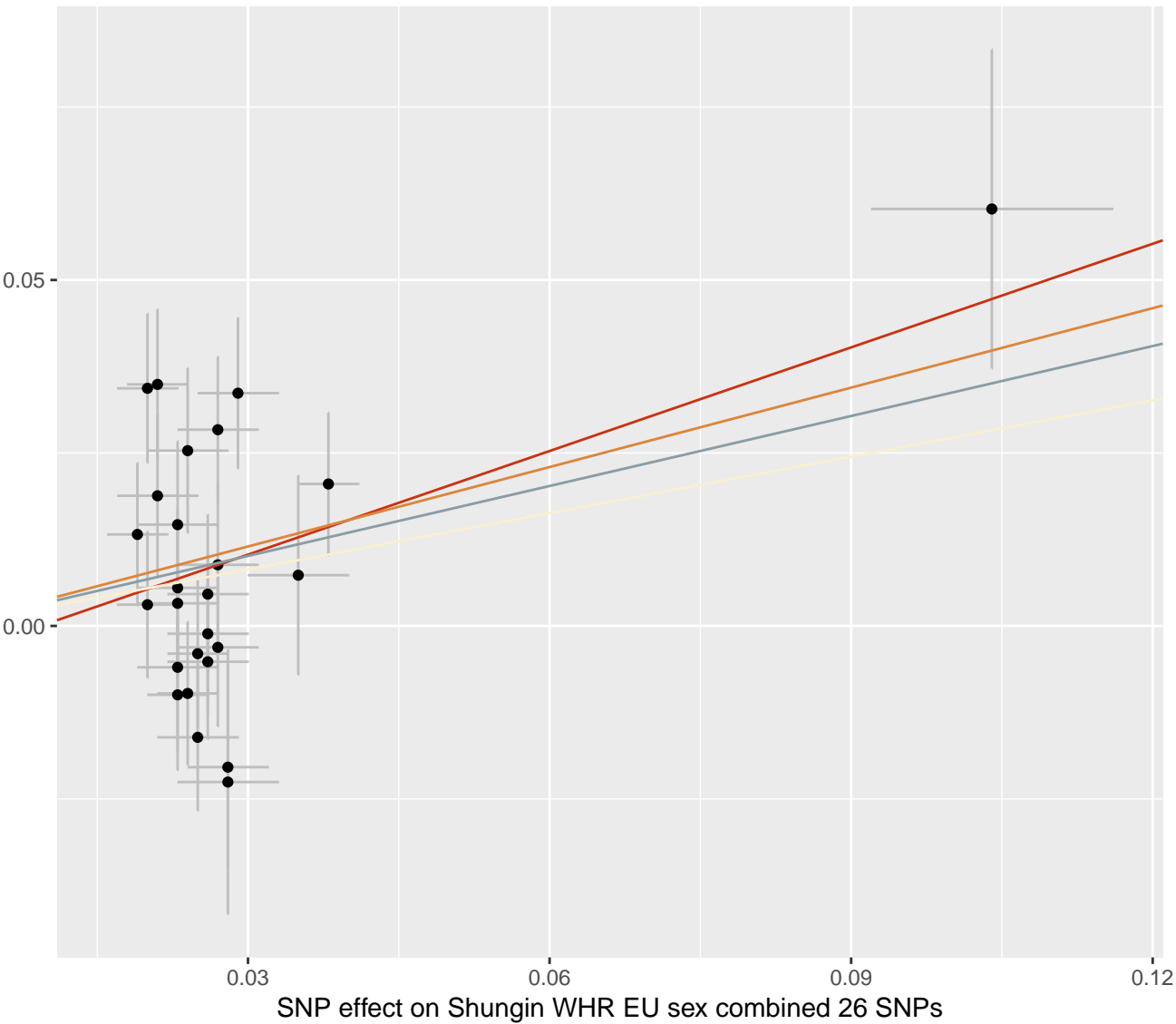
SNP effect on Phospholipids in very small VLDL || id:955



MR Test

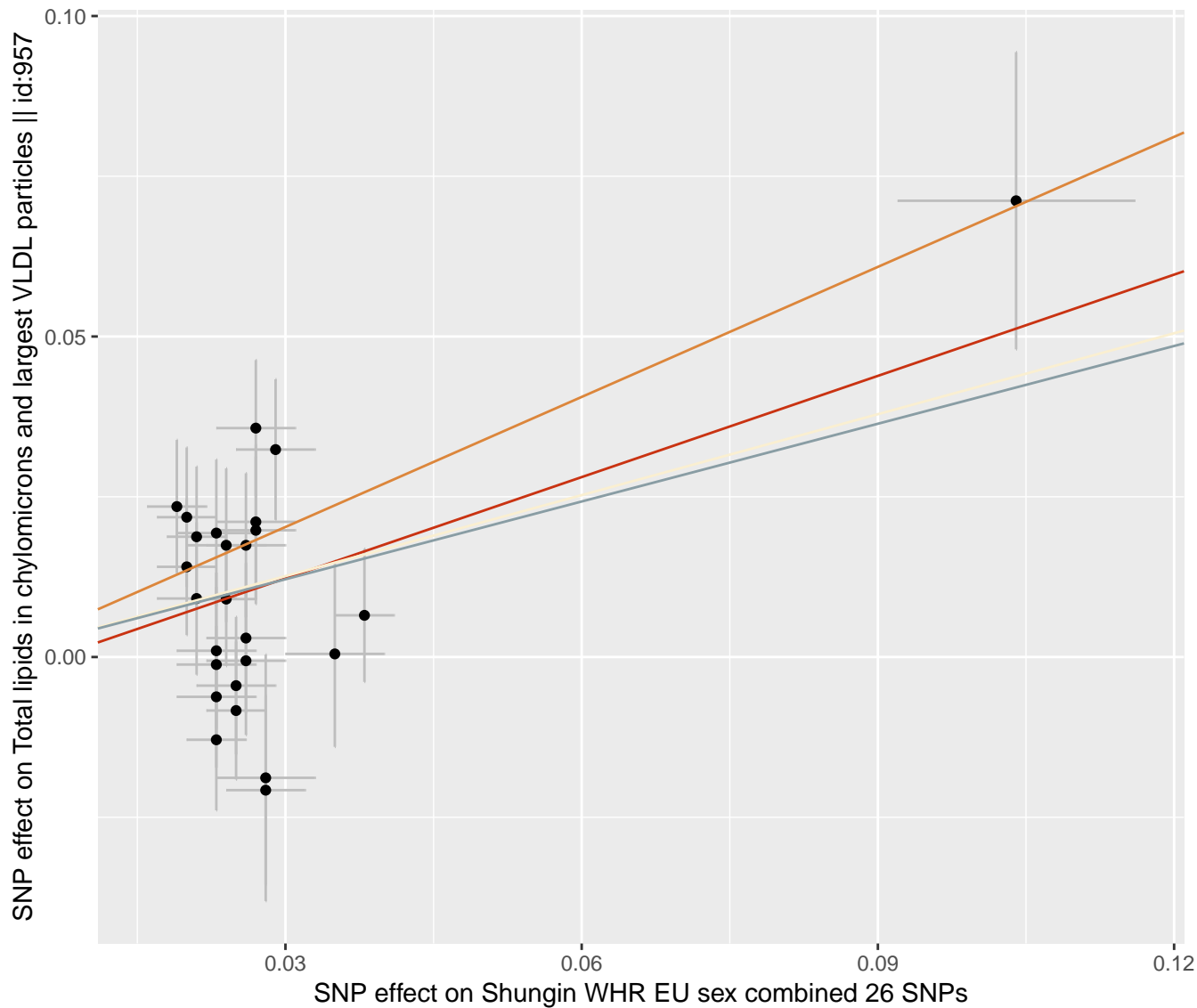
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Triglycerides in very small VLDL || id:956



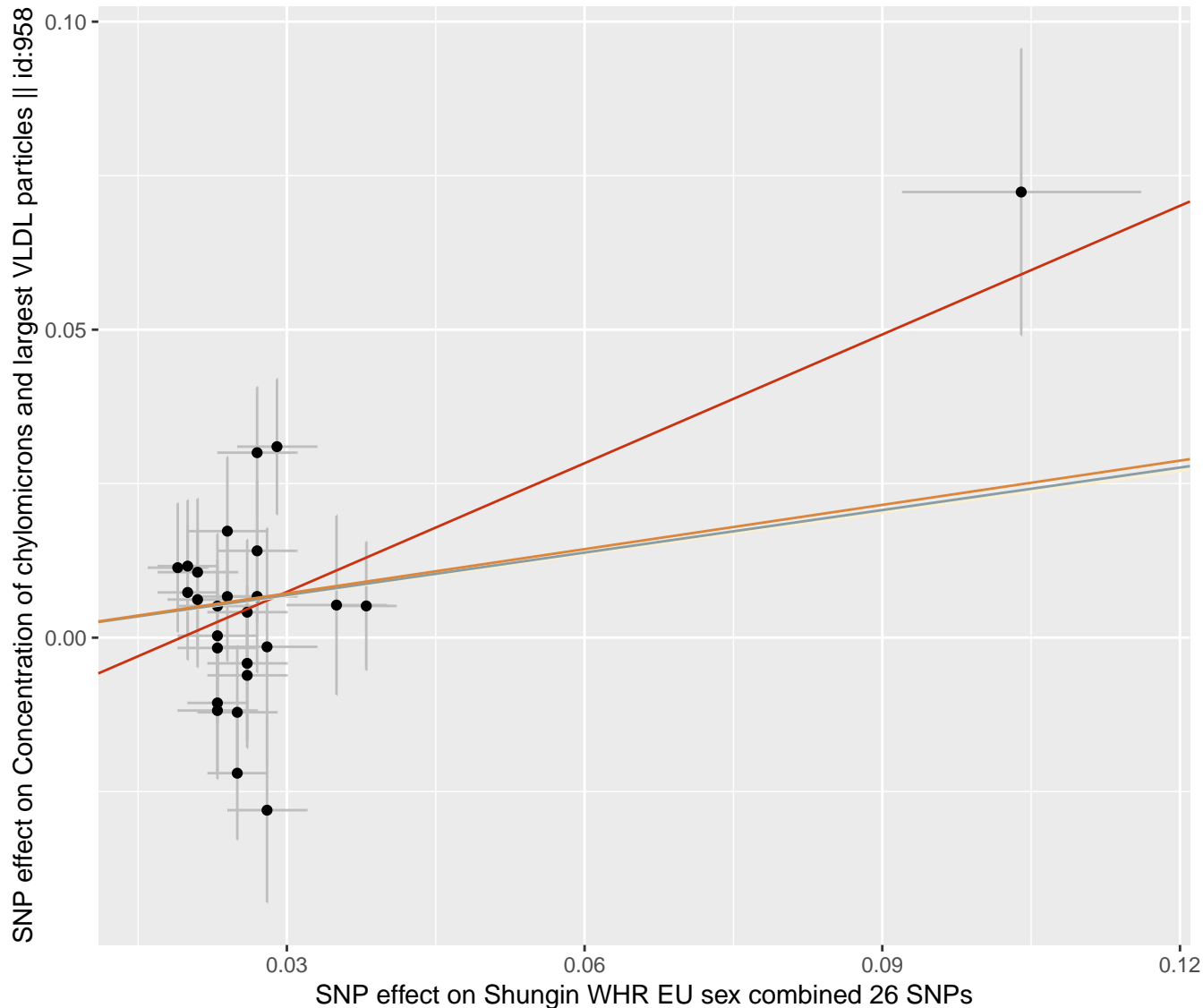
MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

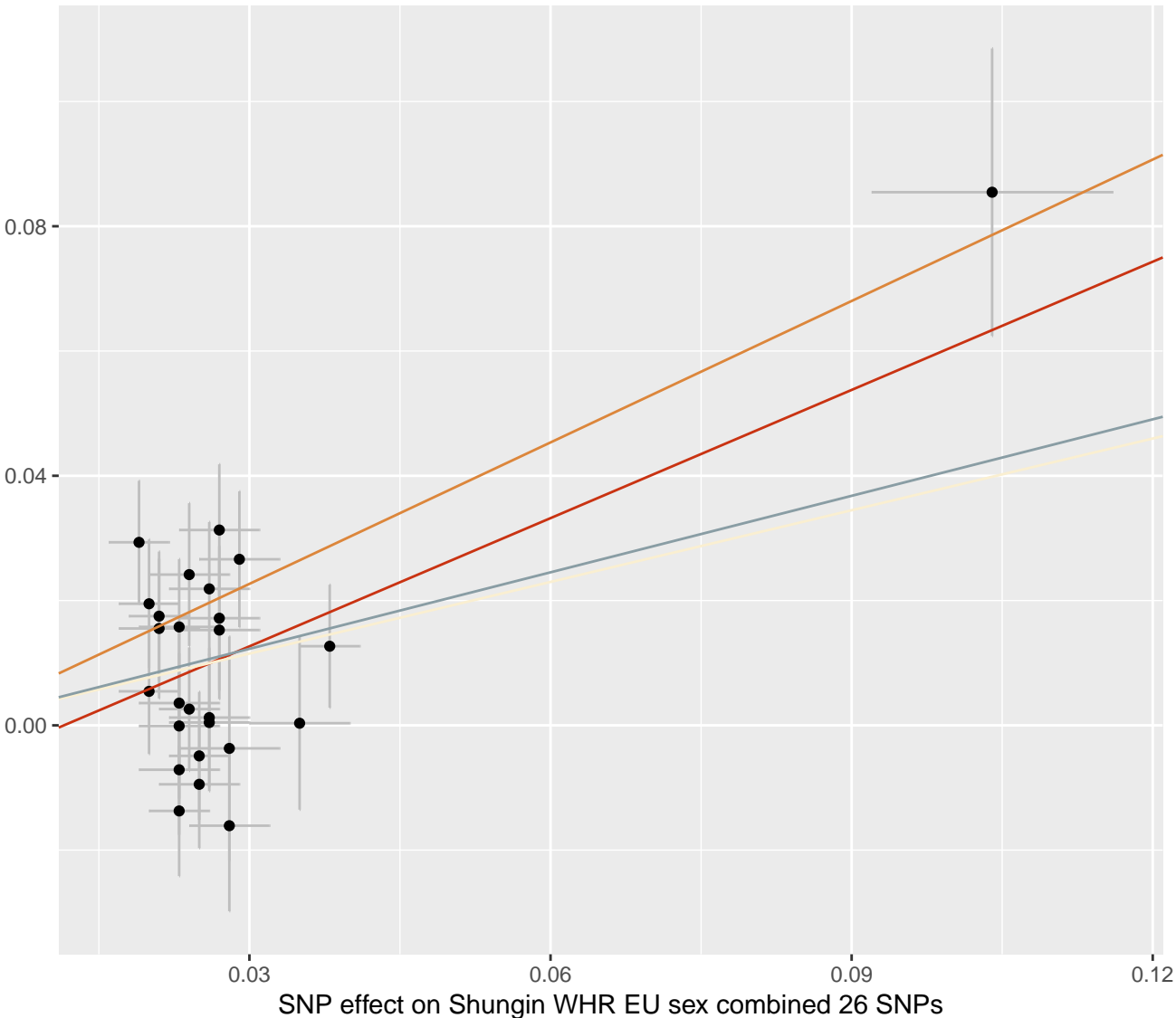
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Phospholipids in chylomicrons and largest VLDL particles || id:959



SNP effect on Triglycerides in chylomicrons and largest VLDL particles || id:960

MR Test

- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

