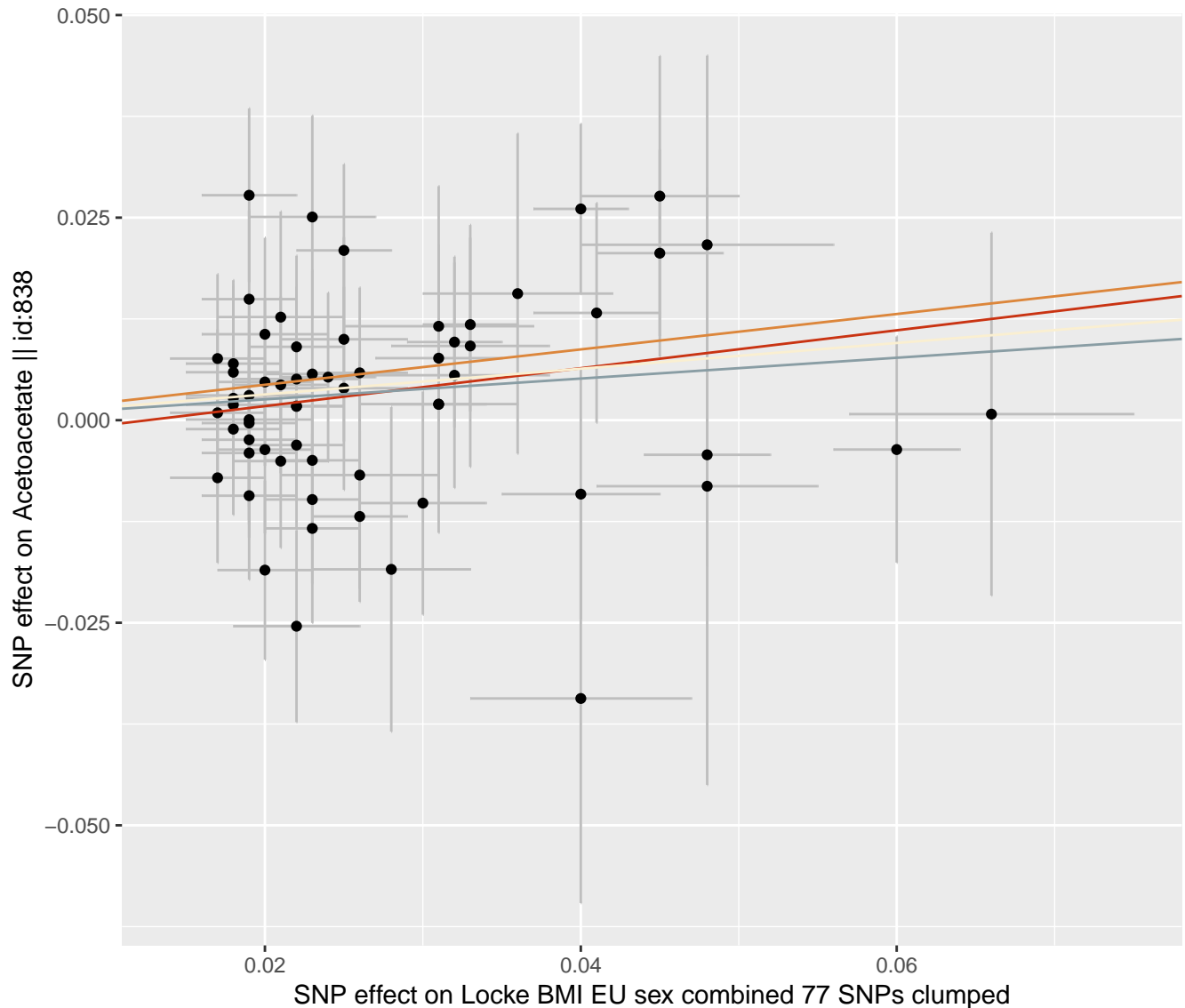


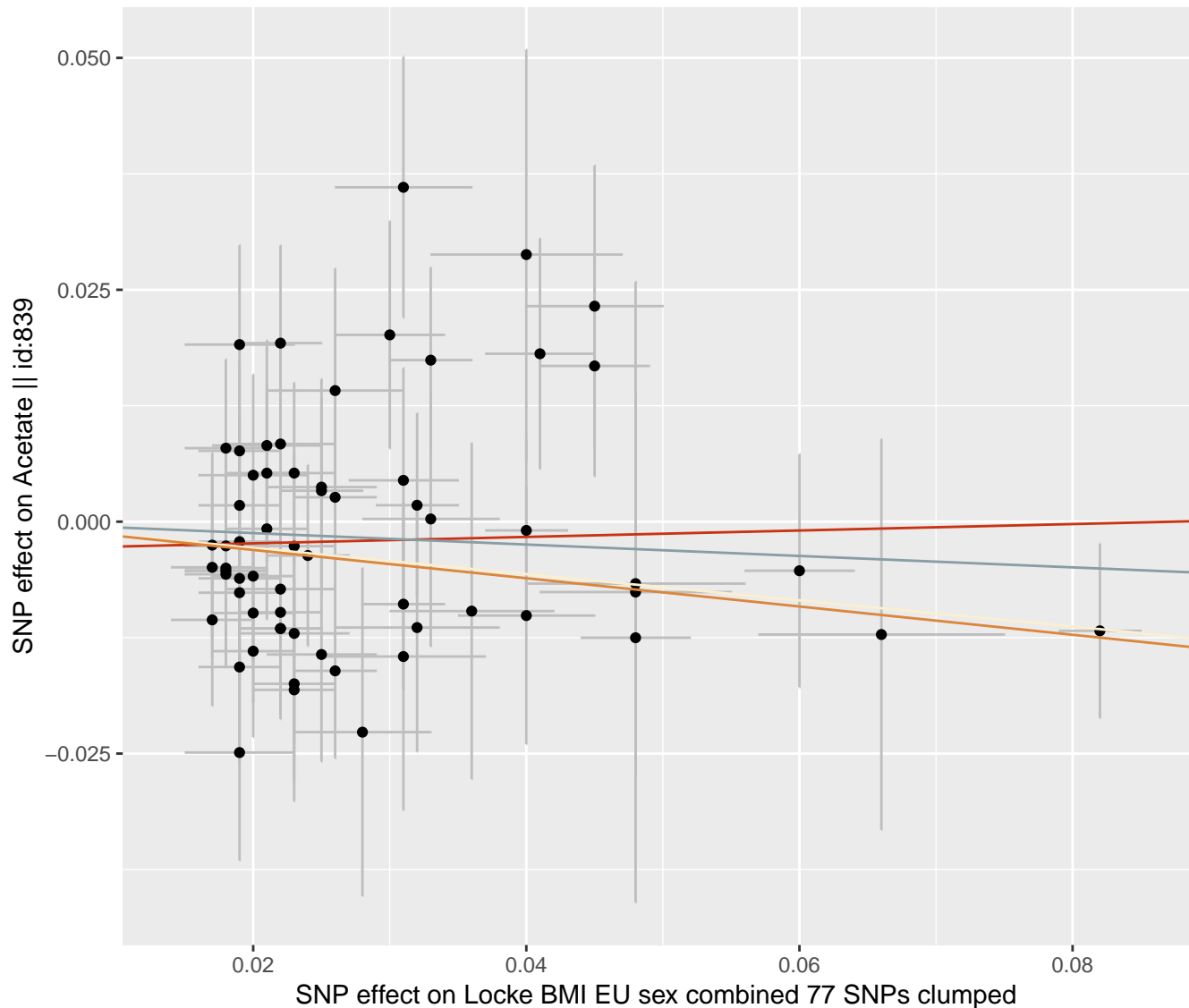
MR Test

- 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 Alanine || id:840

0.025

0.000

-0.025

-0.050

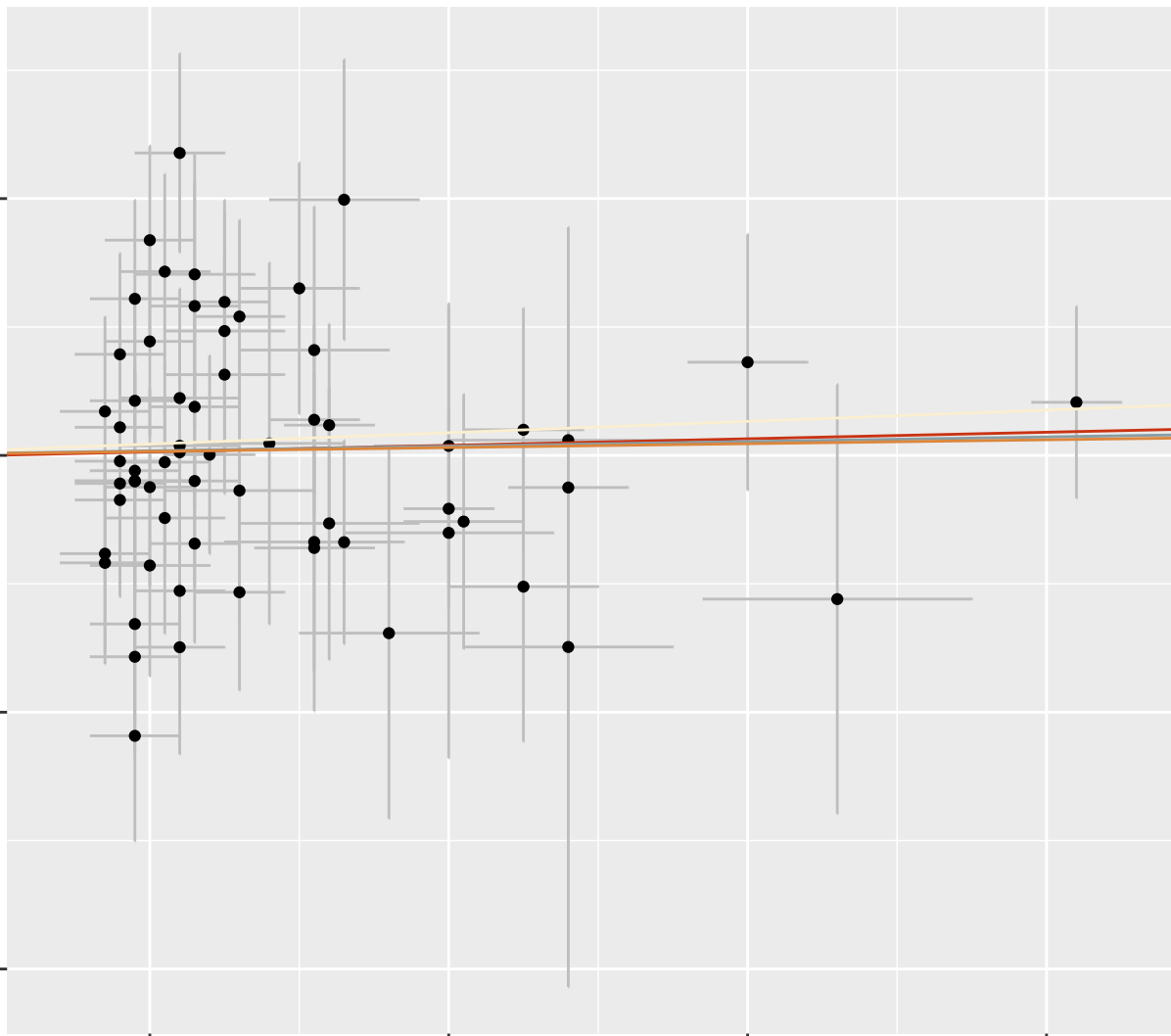
0.02

0.04

0.06

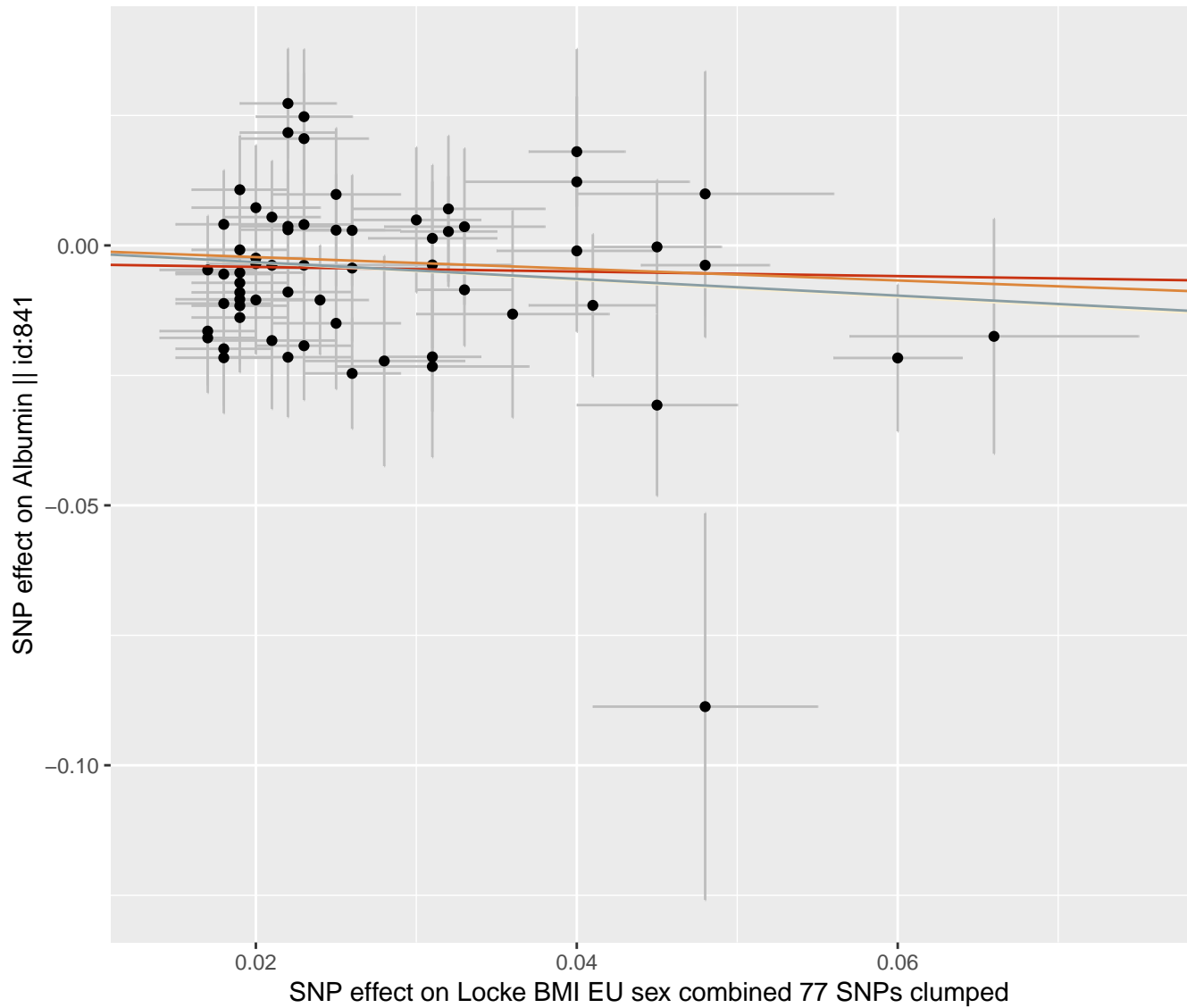
0.08

SNP effect on Locke BMI EU sex combined 77 SNPs clumped



MR Test

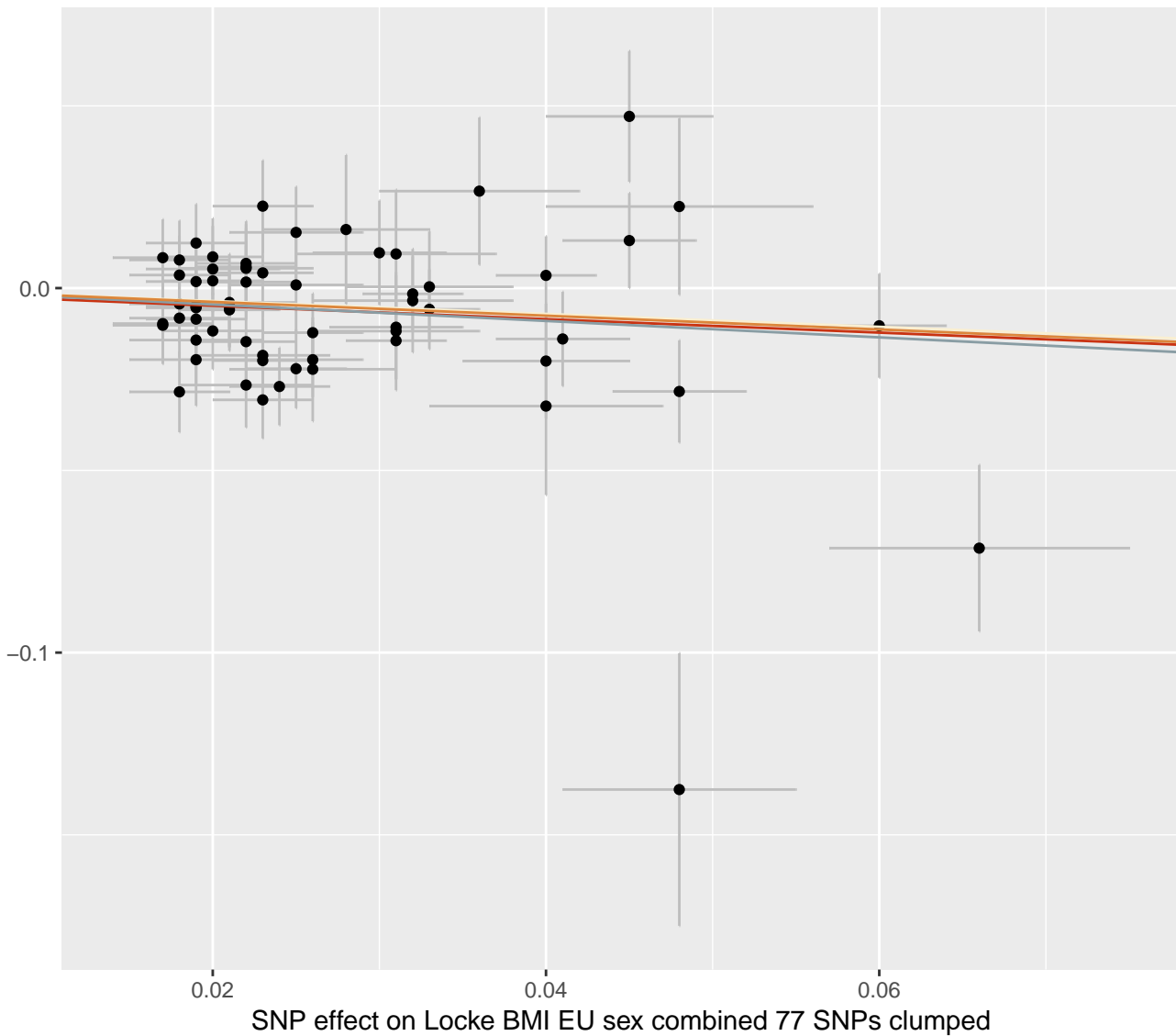
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

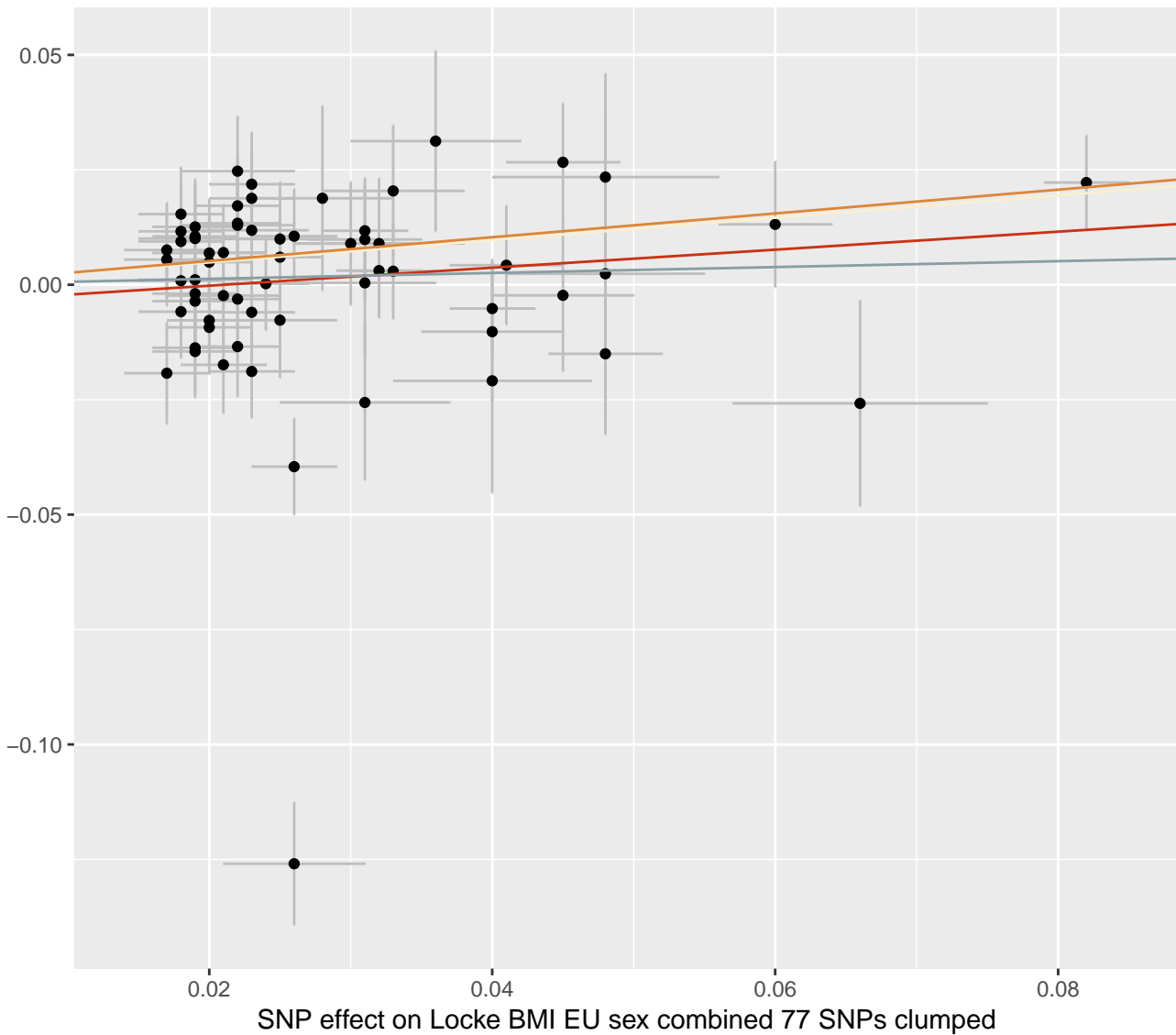
SNP effect on Apolipoprotein A-I || id:842



MR Test

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

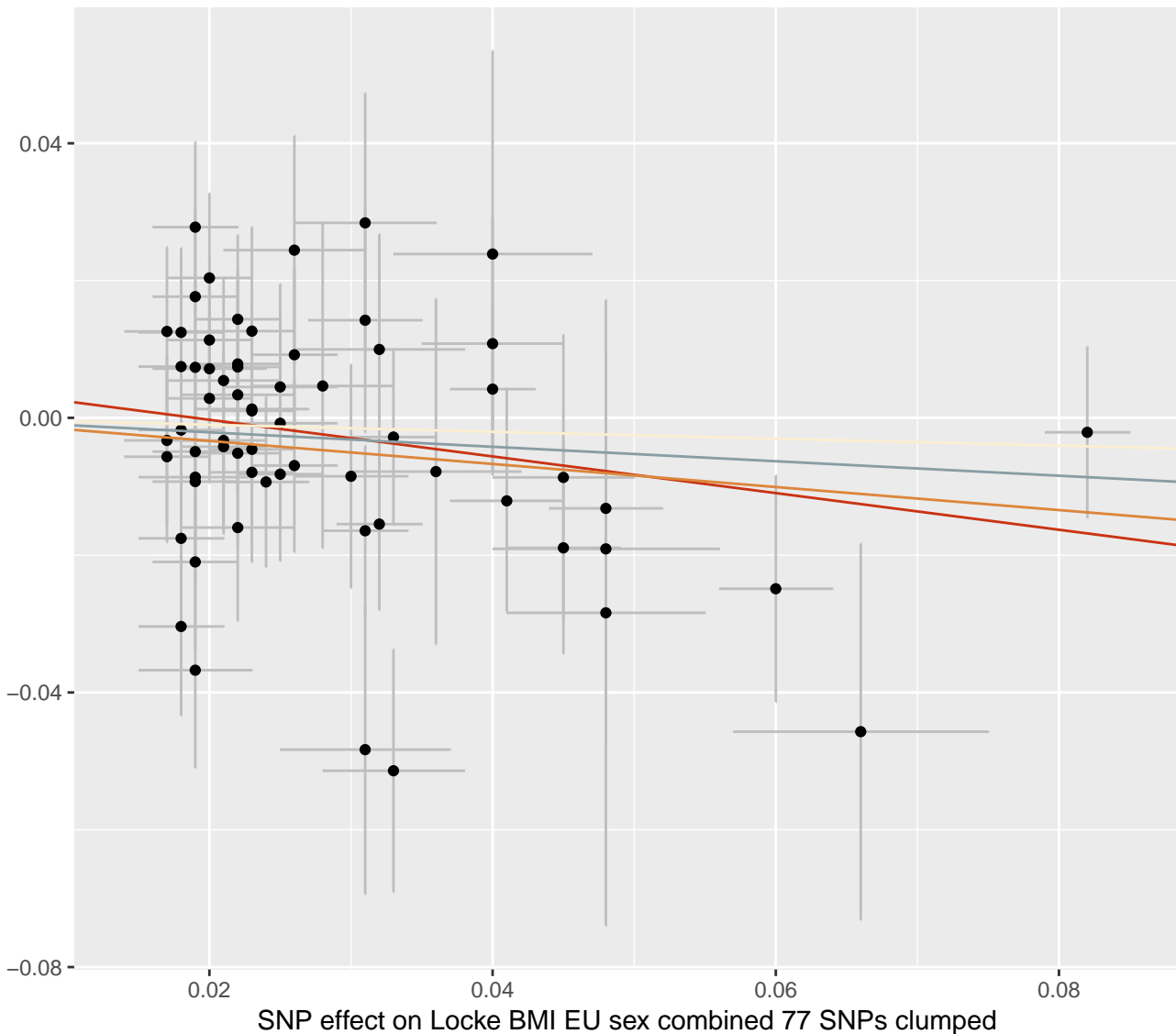
SNP effect on Apolipoprotein B || id:843



MR Test

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

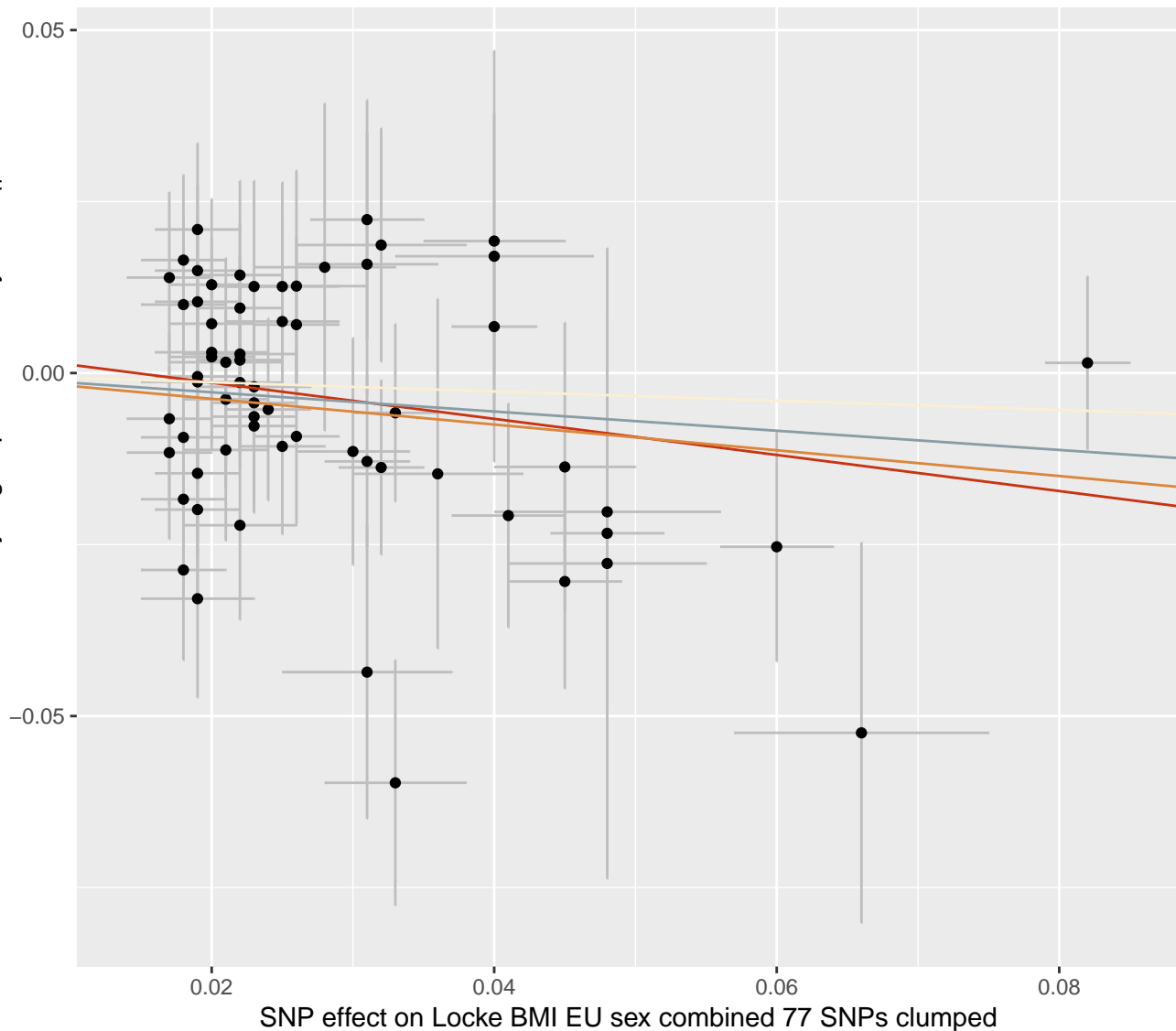
SNP effect on Ratio of bisallylic groups to double bonds || id:844



MR Test

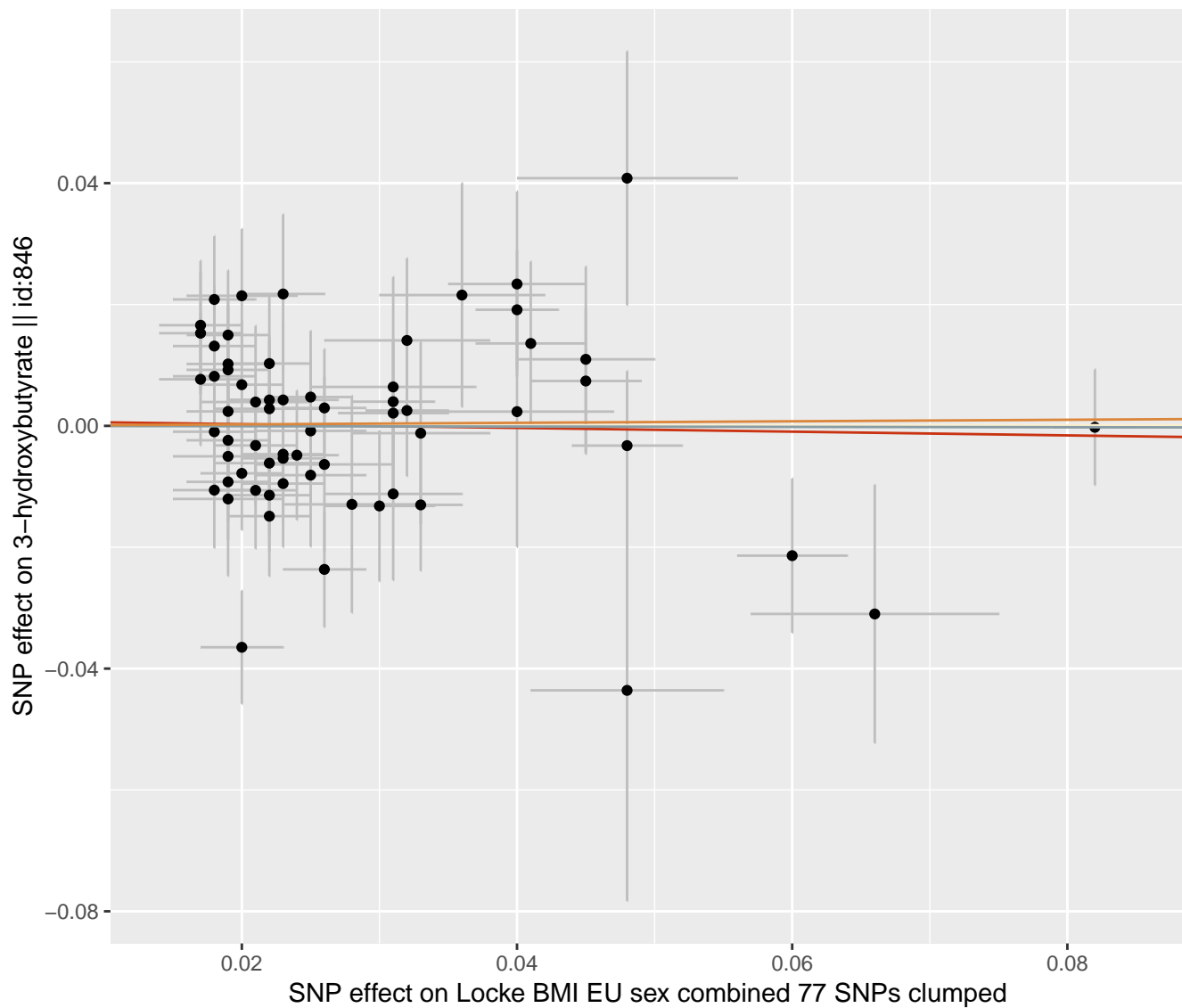
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Ratio of bisallylic groups to total fatty acids || id:845



MR Test

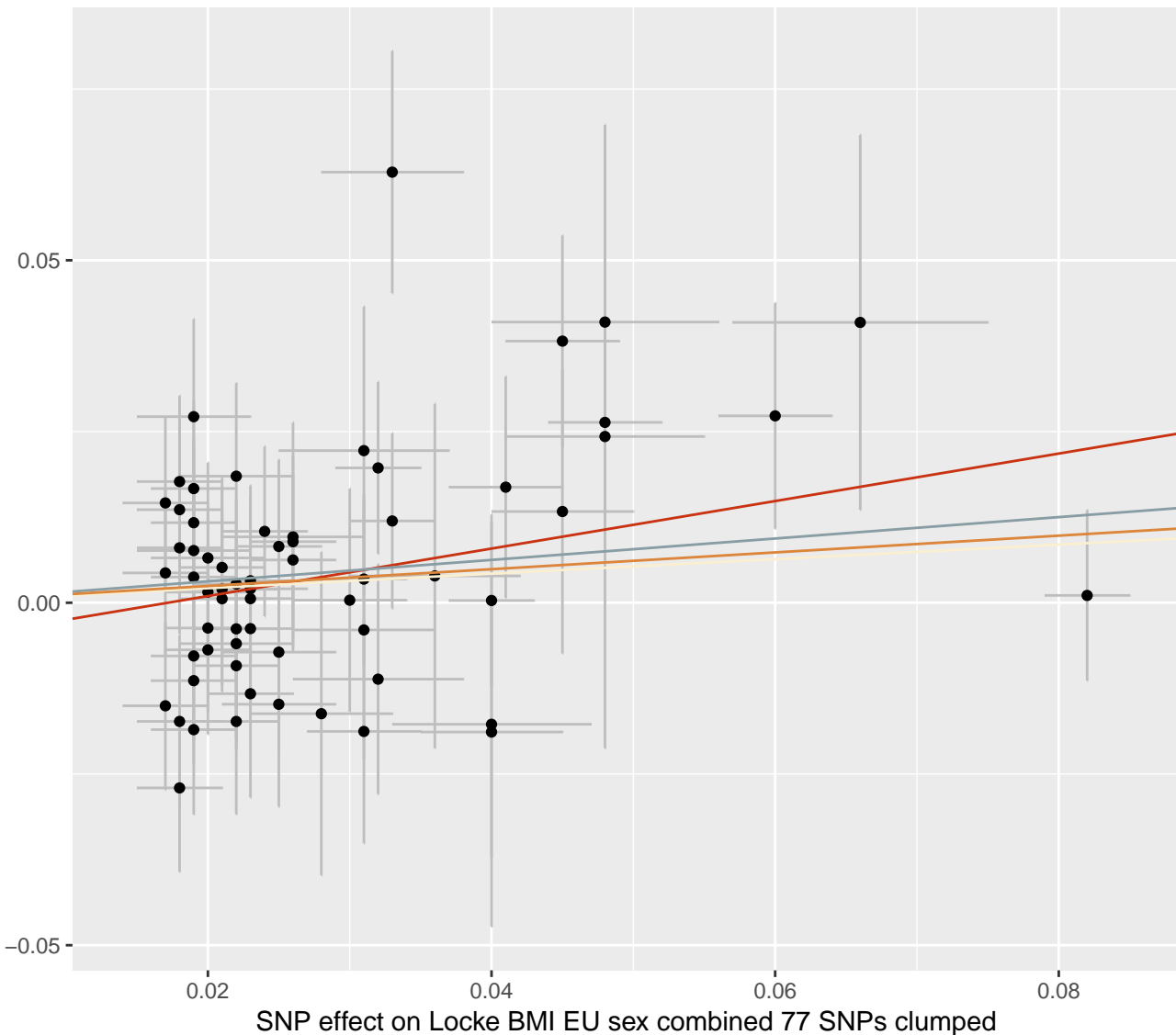
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

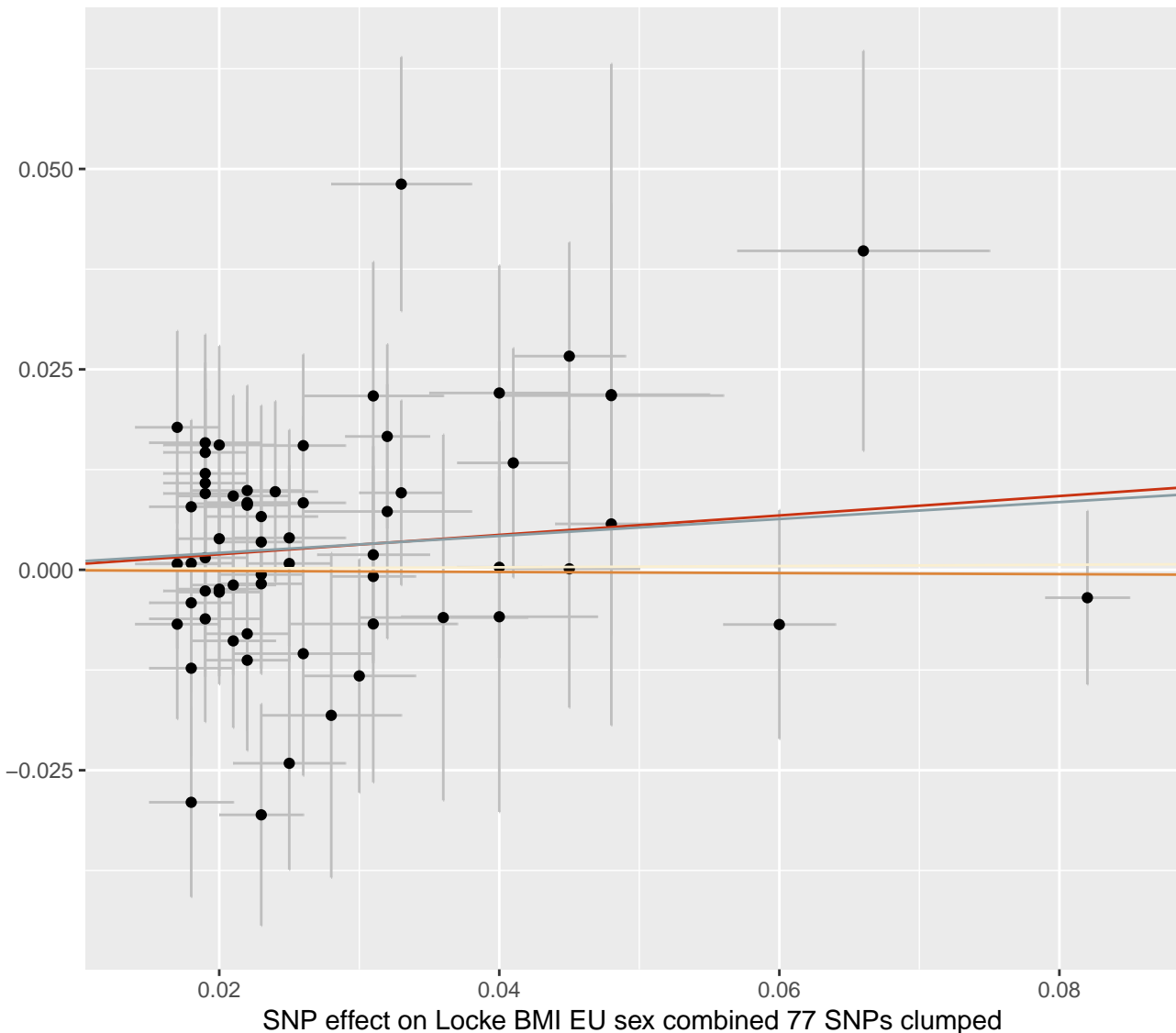
SNP effect on Average number of methylene groups per double bond || id:847



MR Test

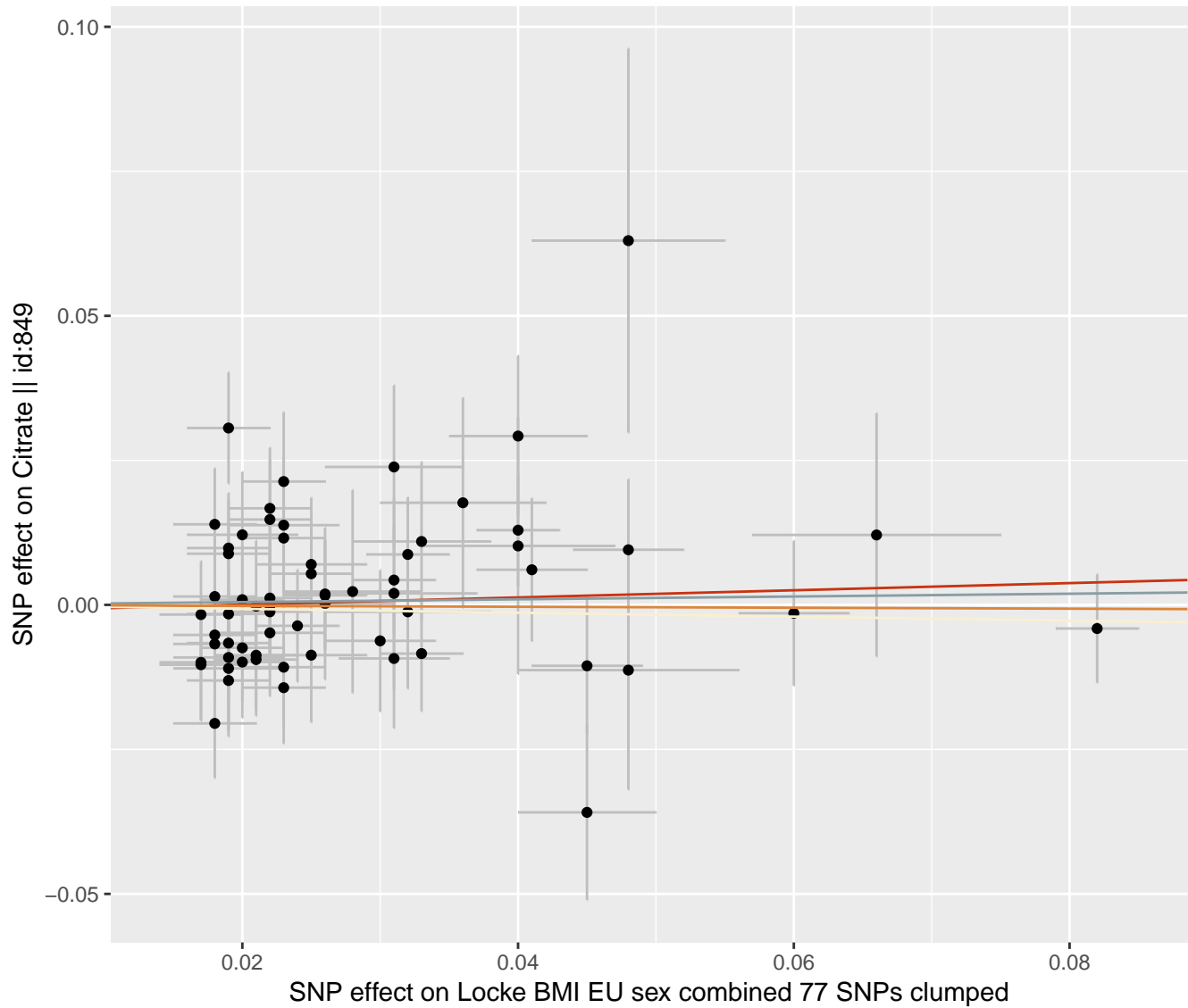
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



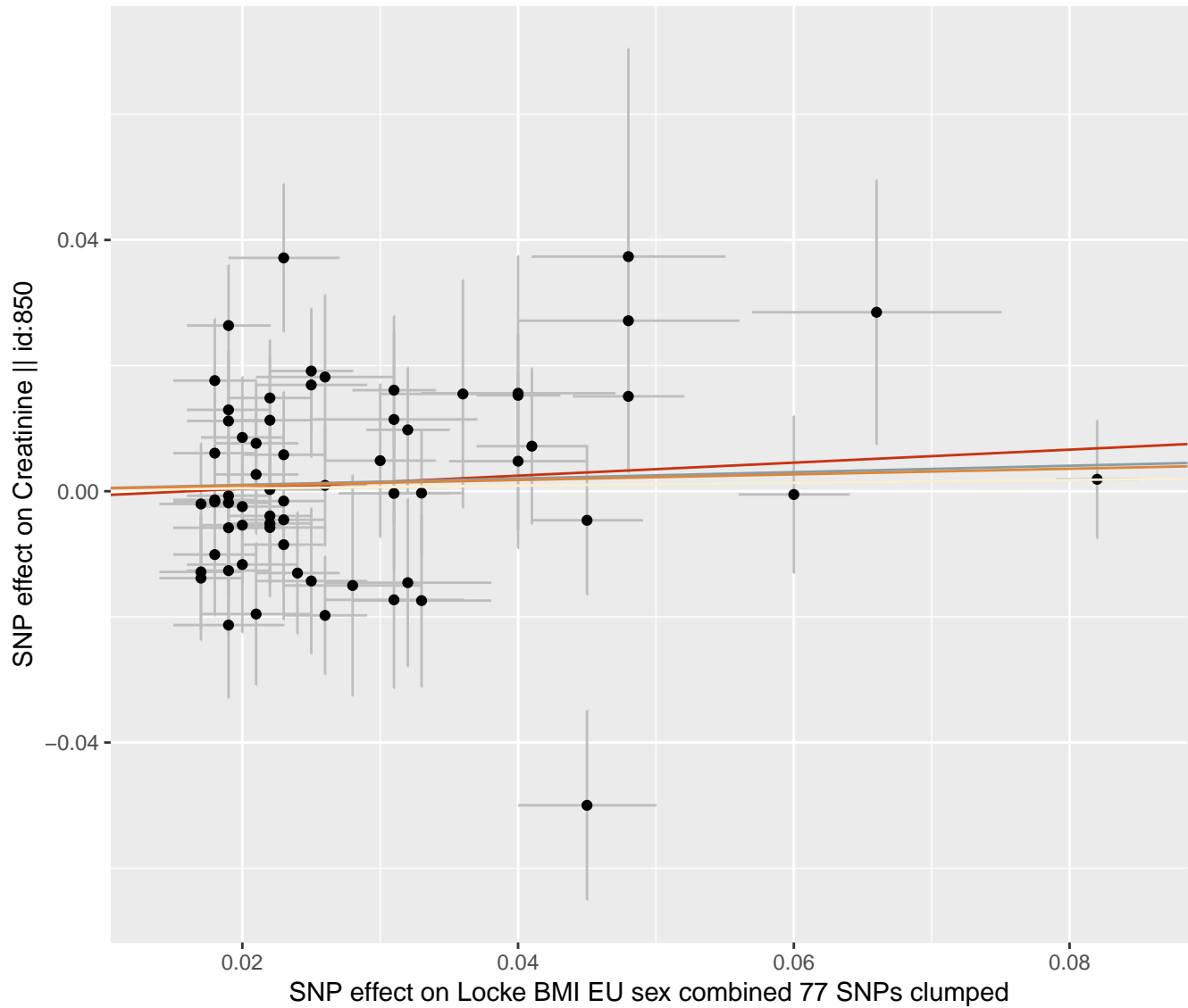
MR Test

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



MR Test

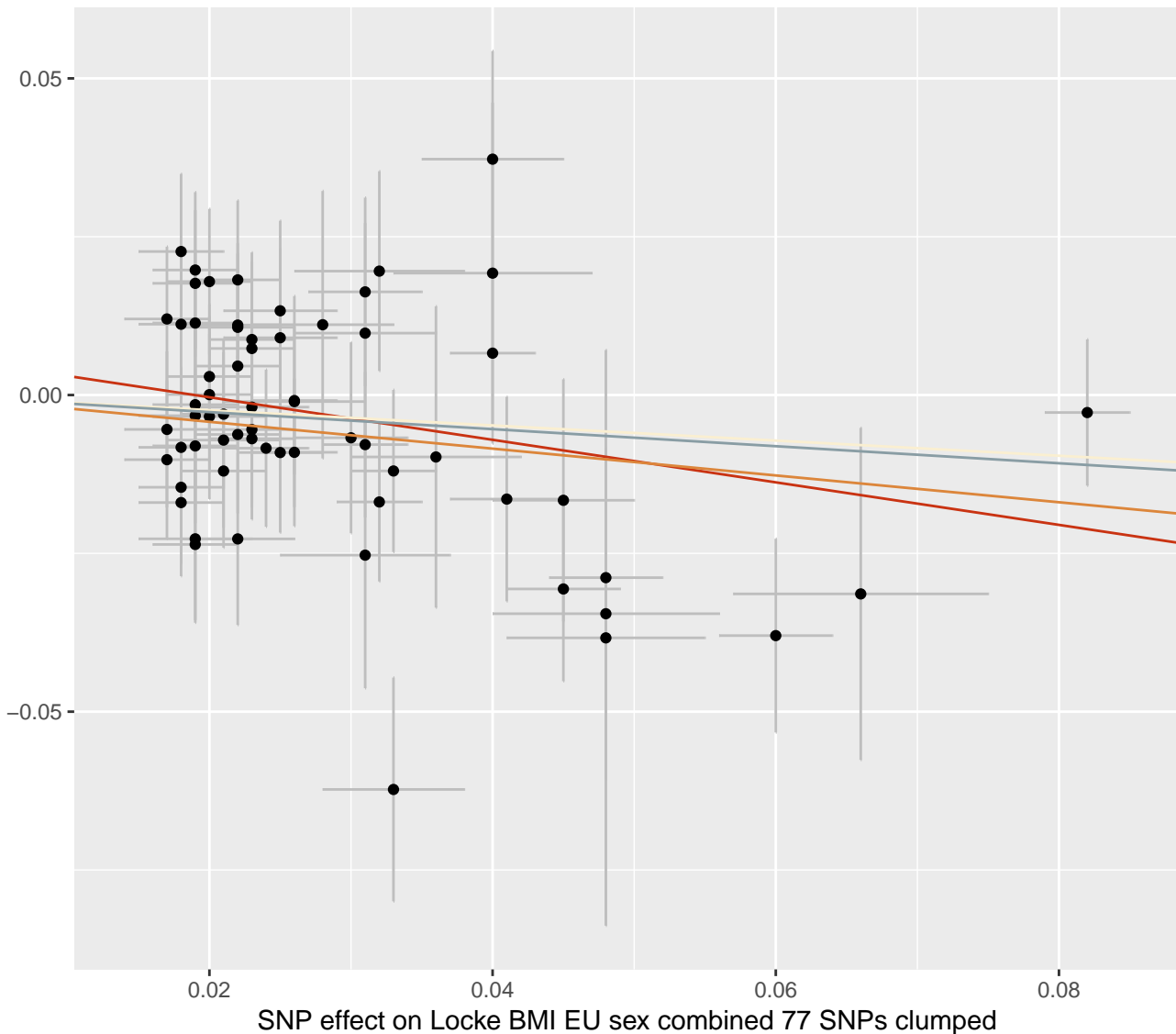
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

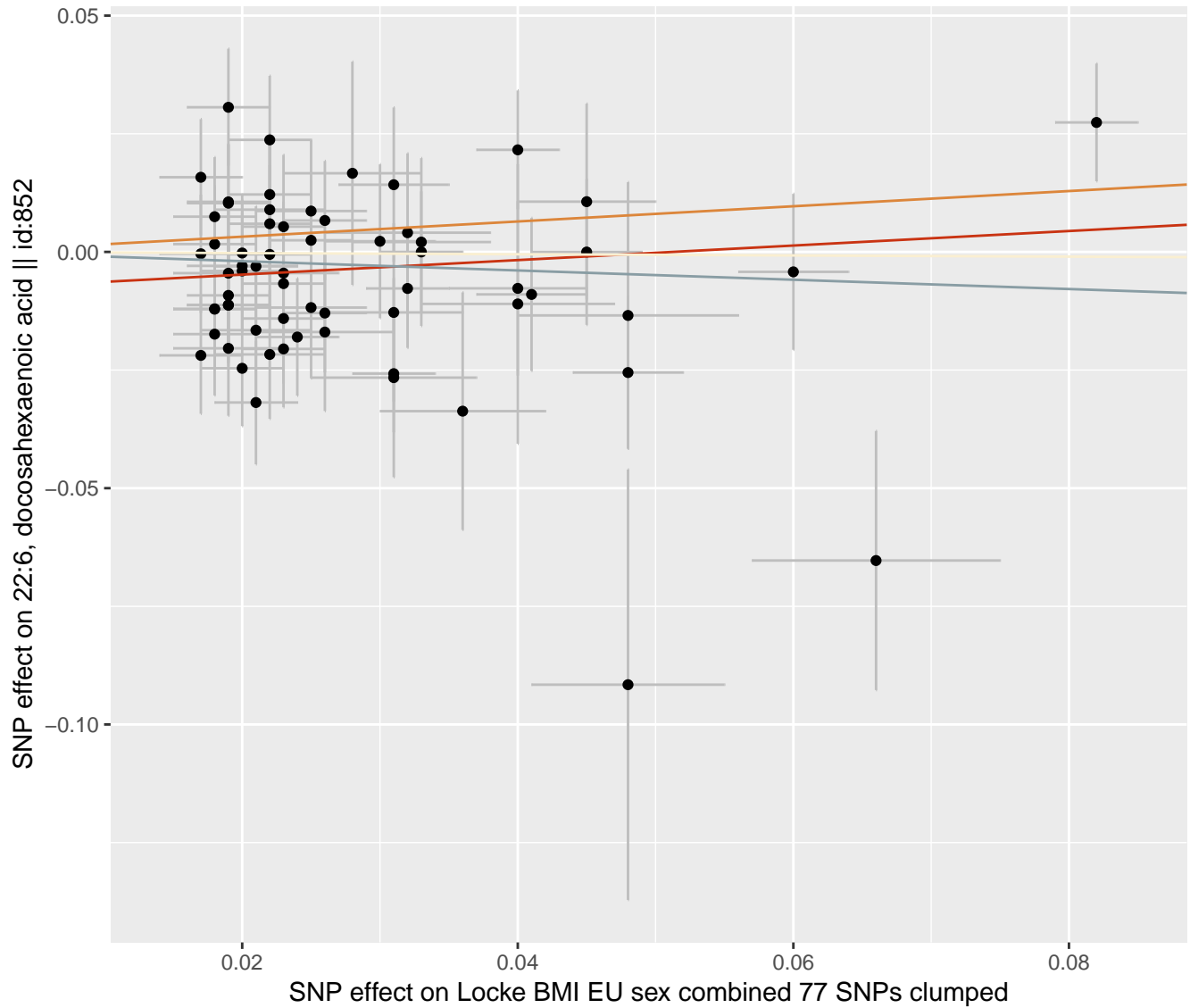
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Average number of double bonds in a fatty acid chain || id:851



MR Test

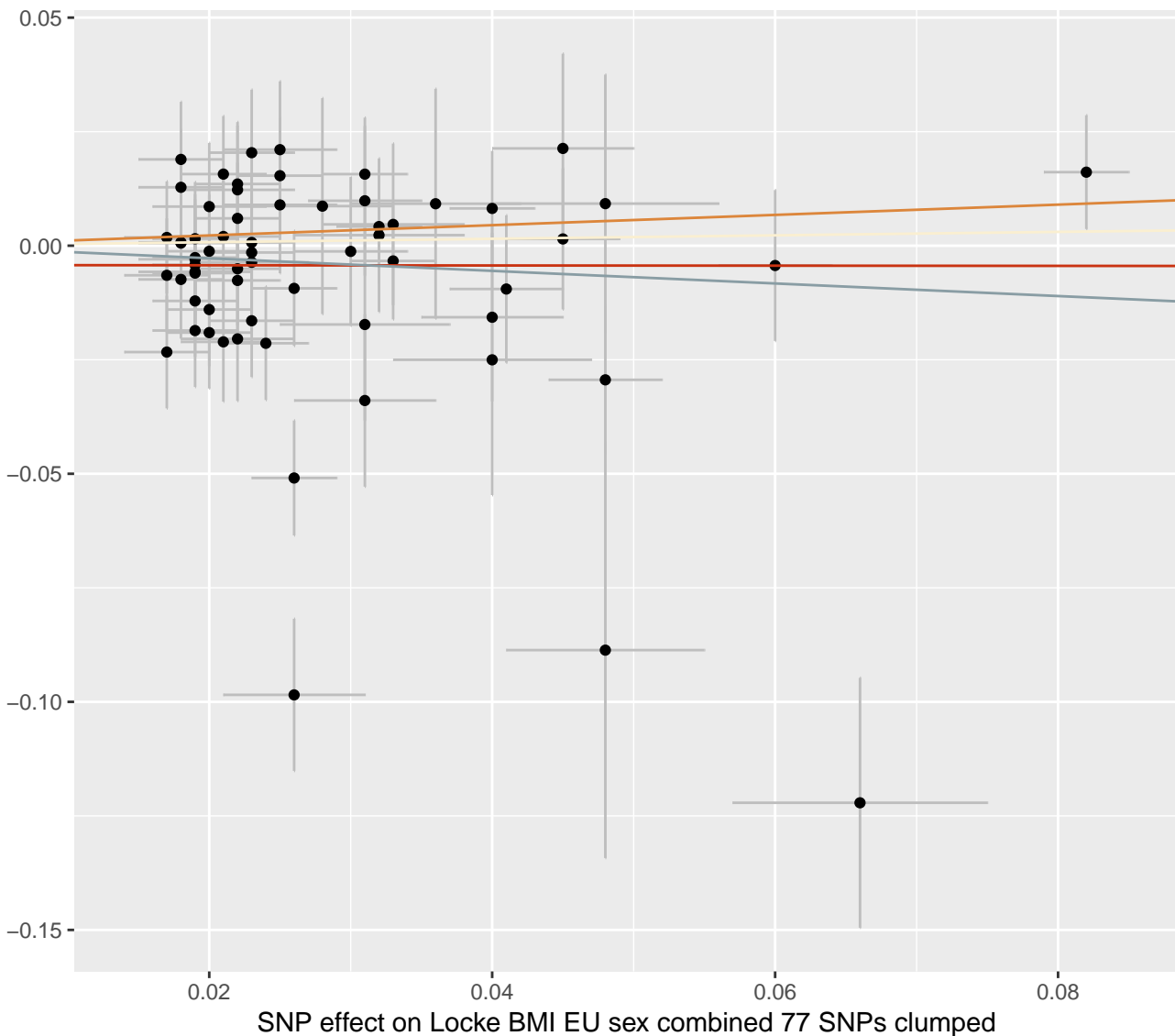
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

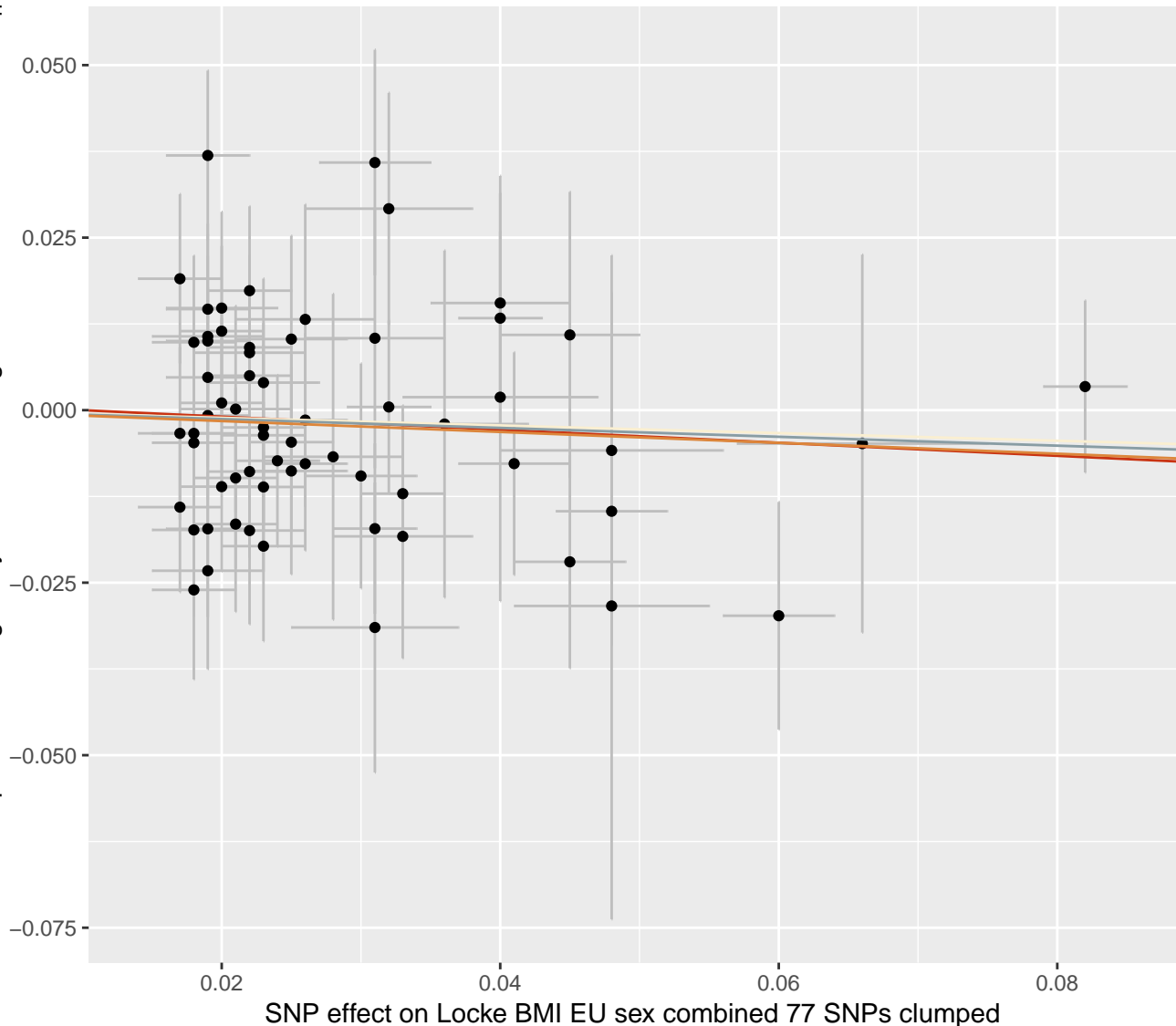
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



MR Test

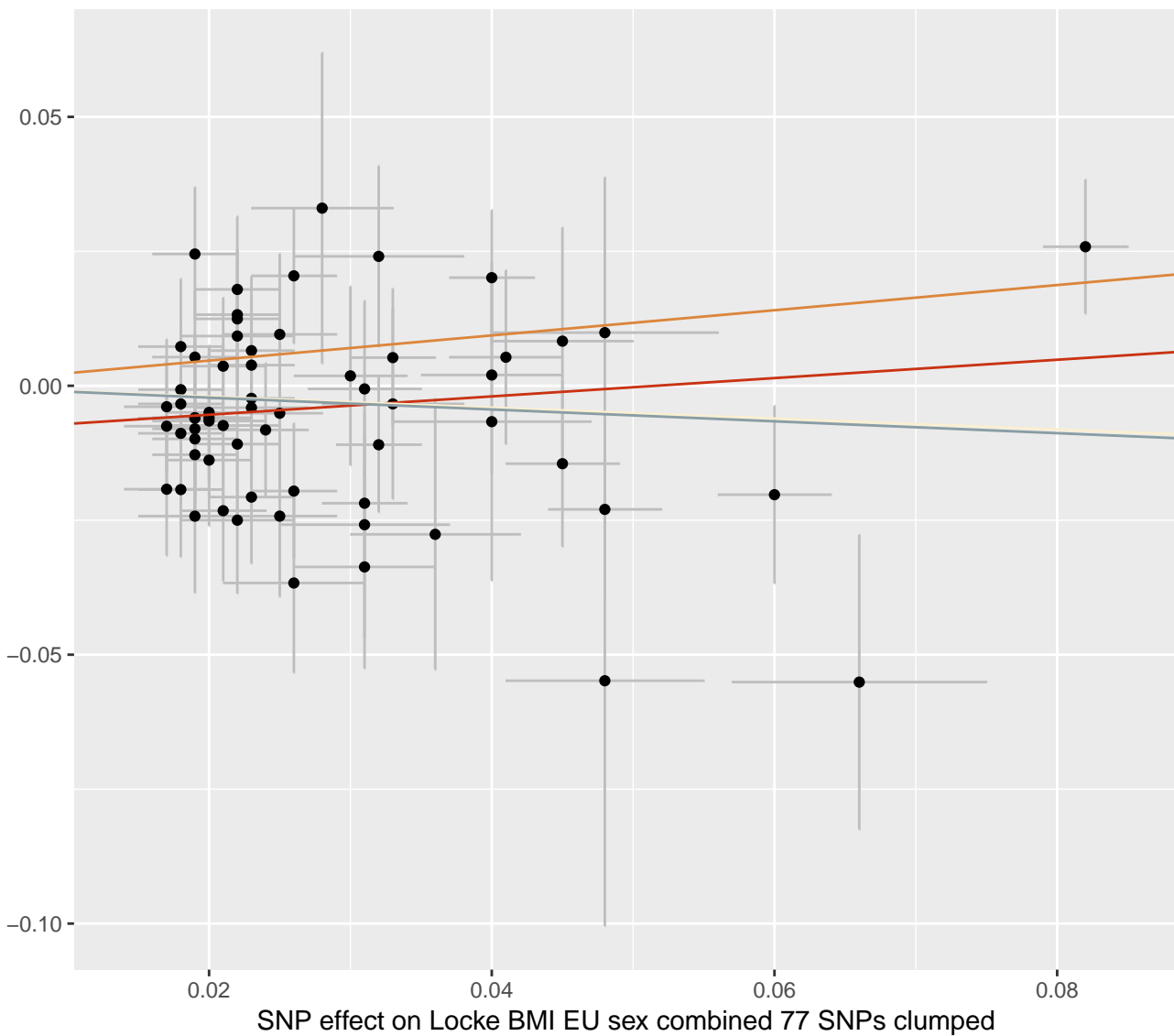
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

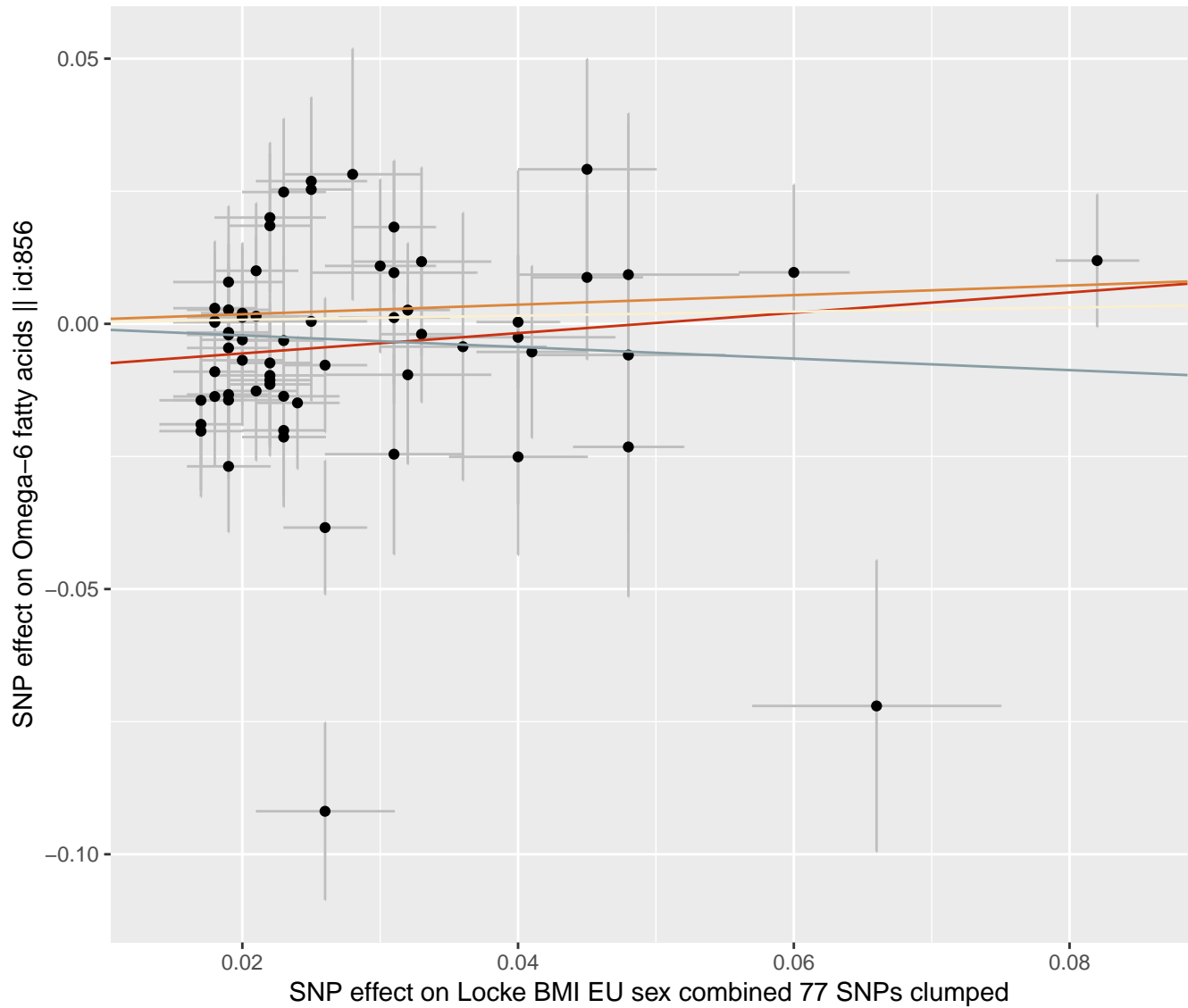
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Omega-3 fatty acids || id:855



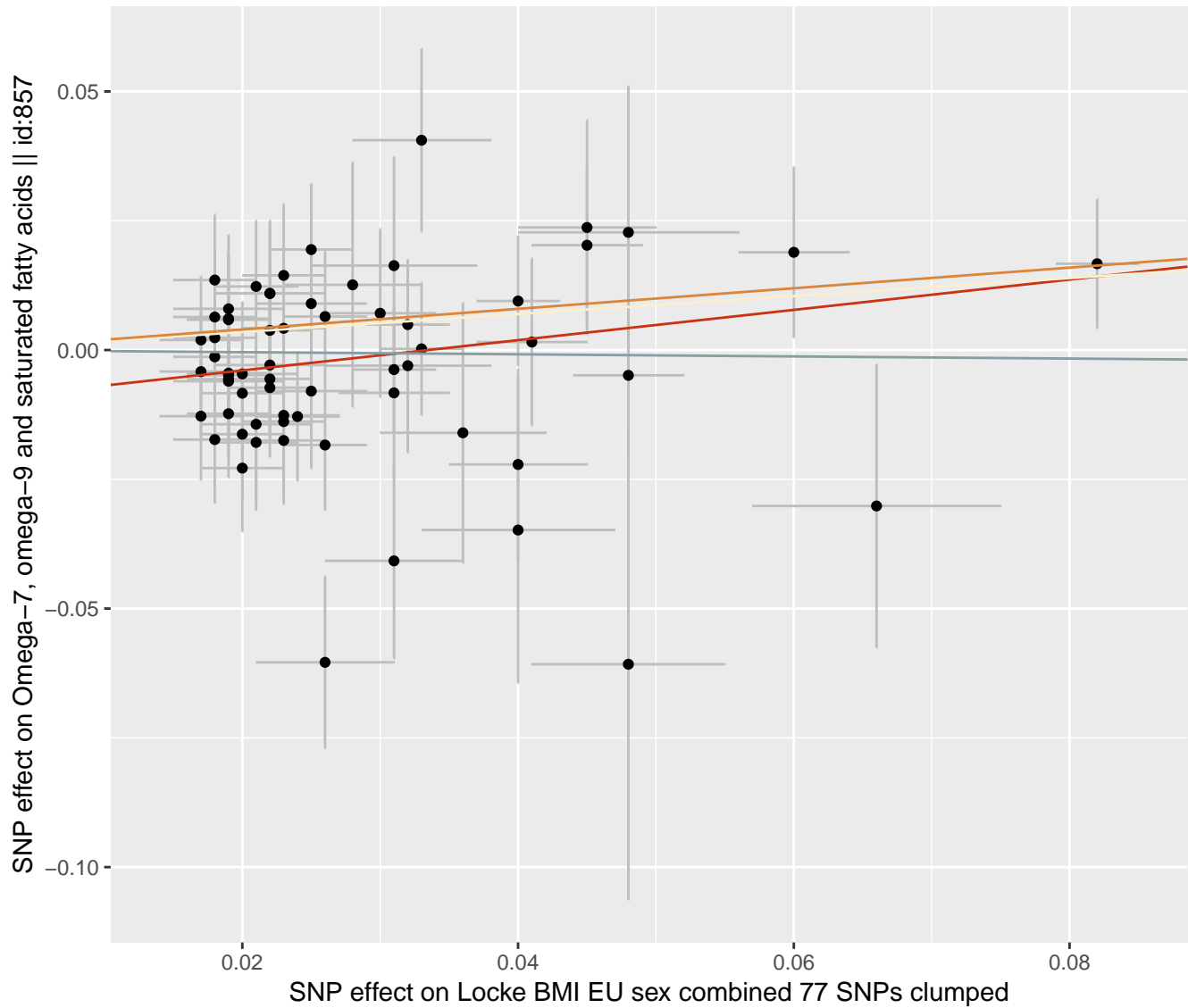
MR Test

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



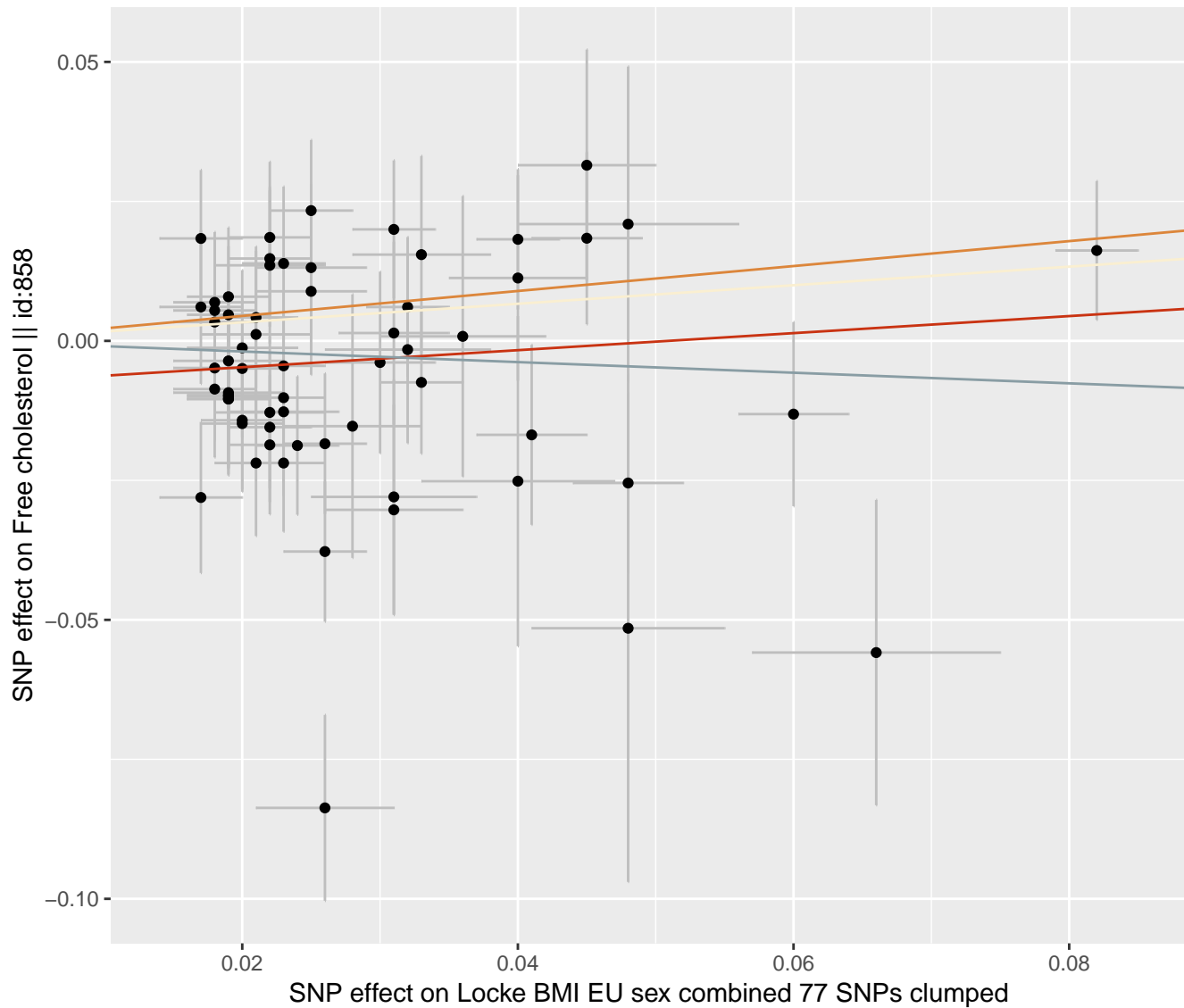
MR Test

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



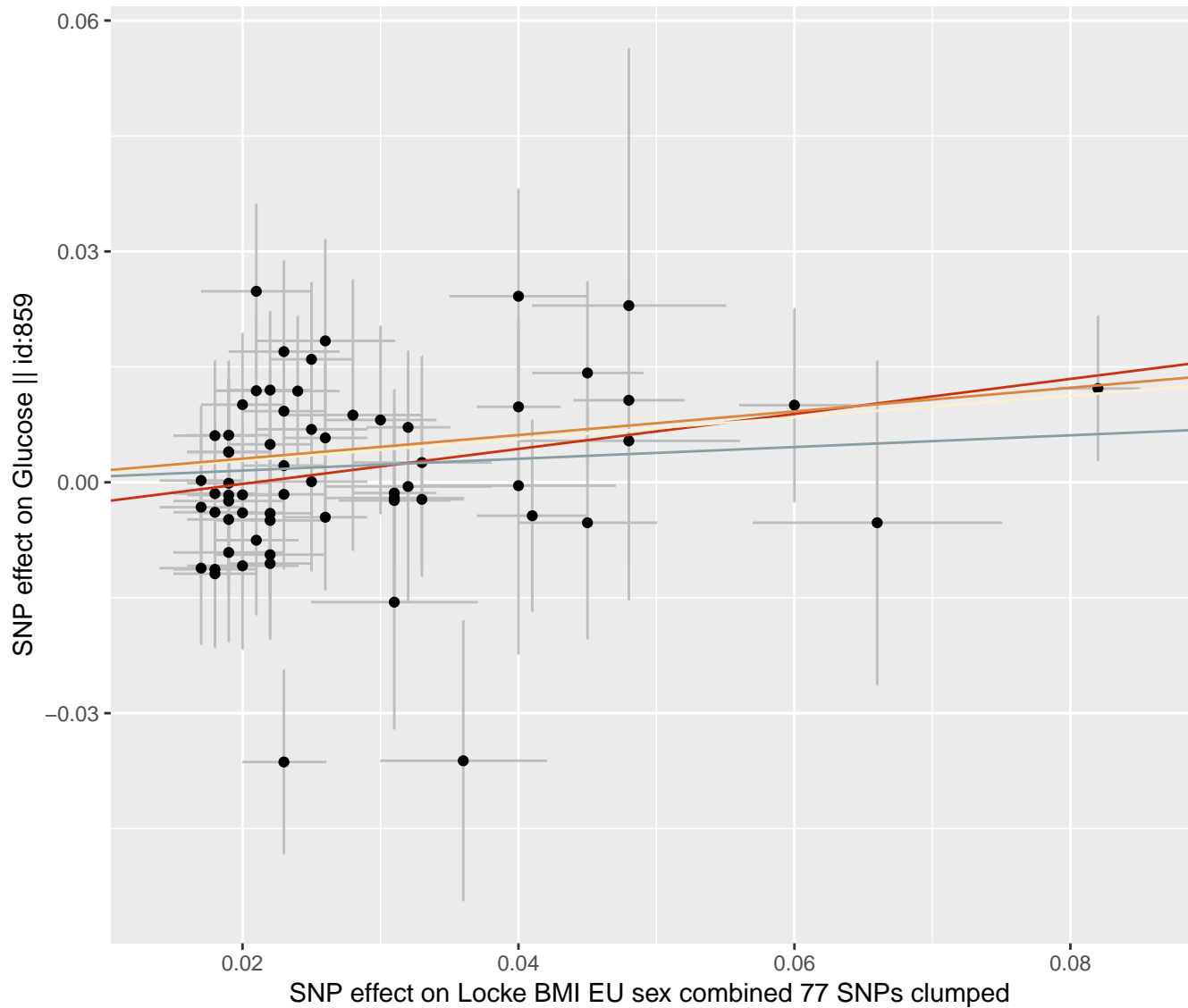
MR Test

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



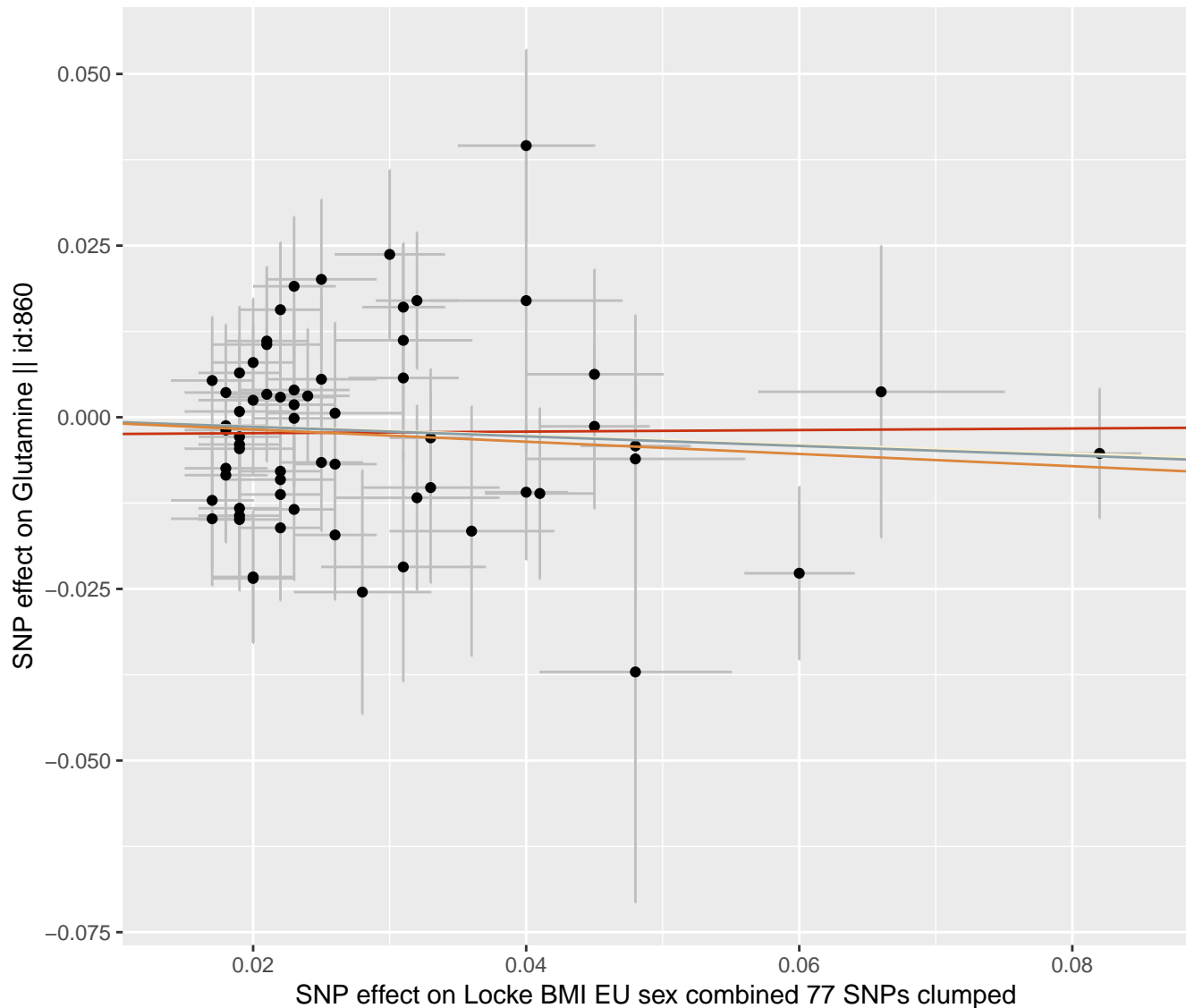
MR Test

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



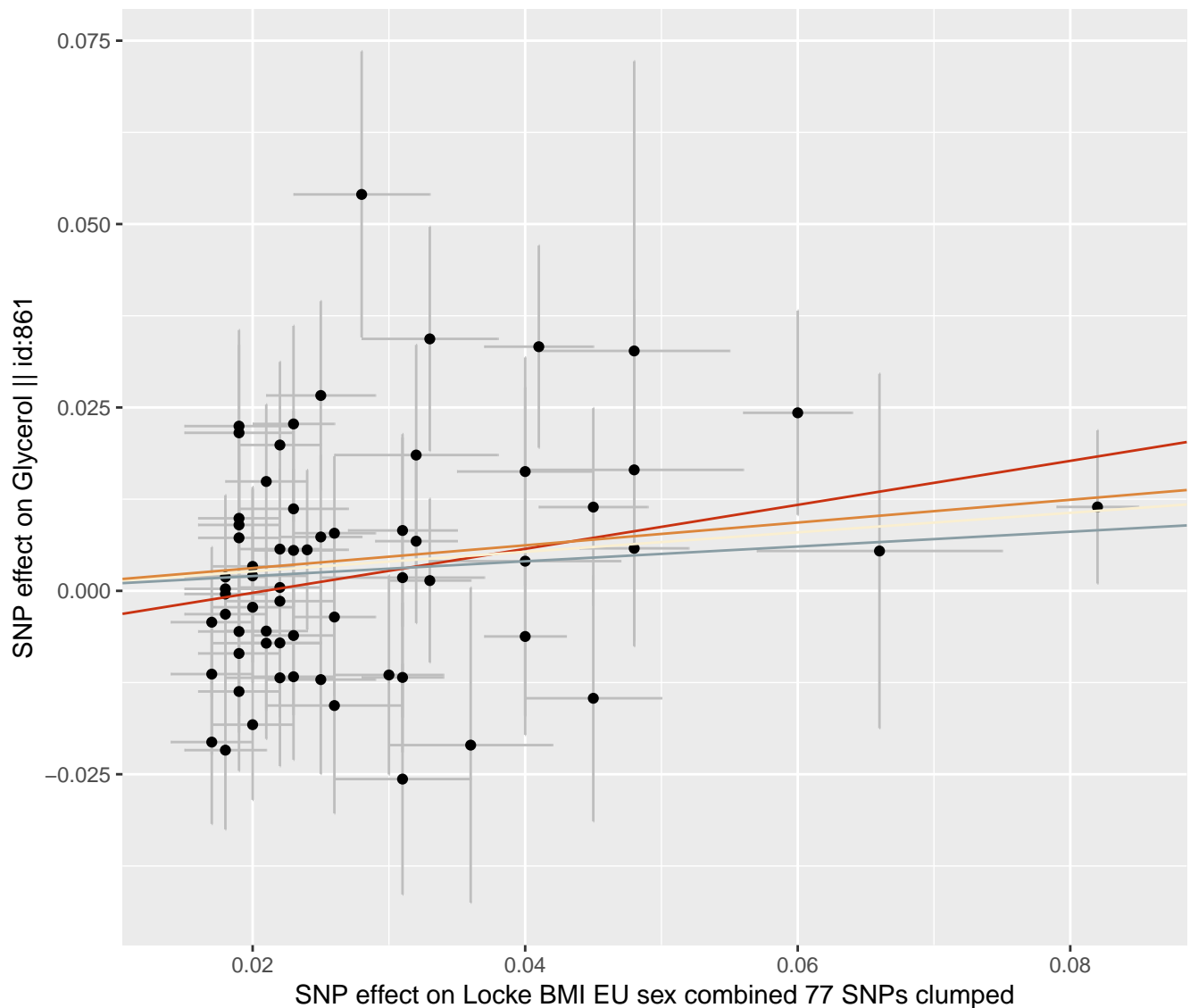
MR Test

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



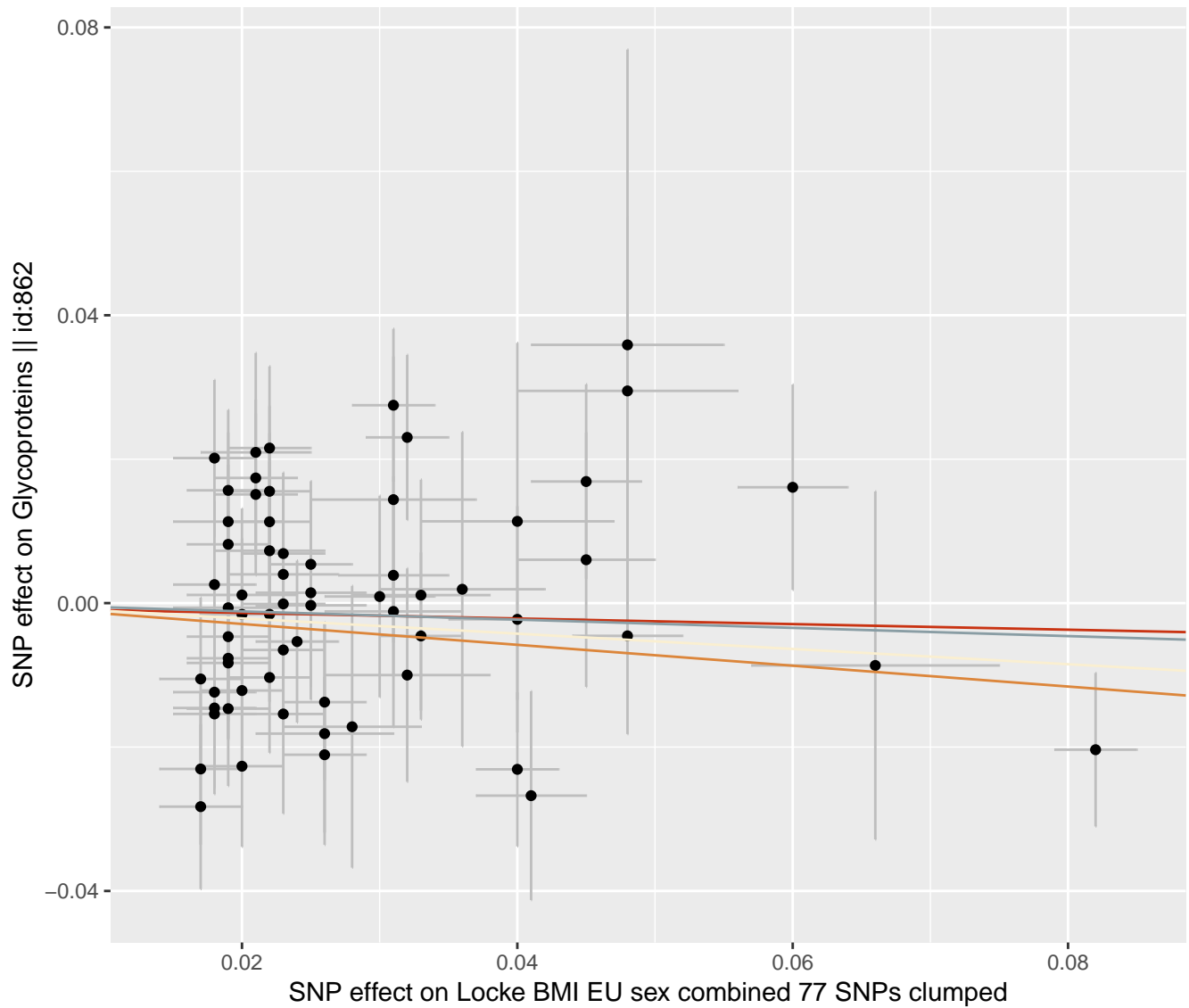
MR Test

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



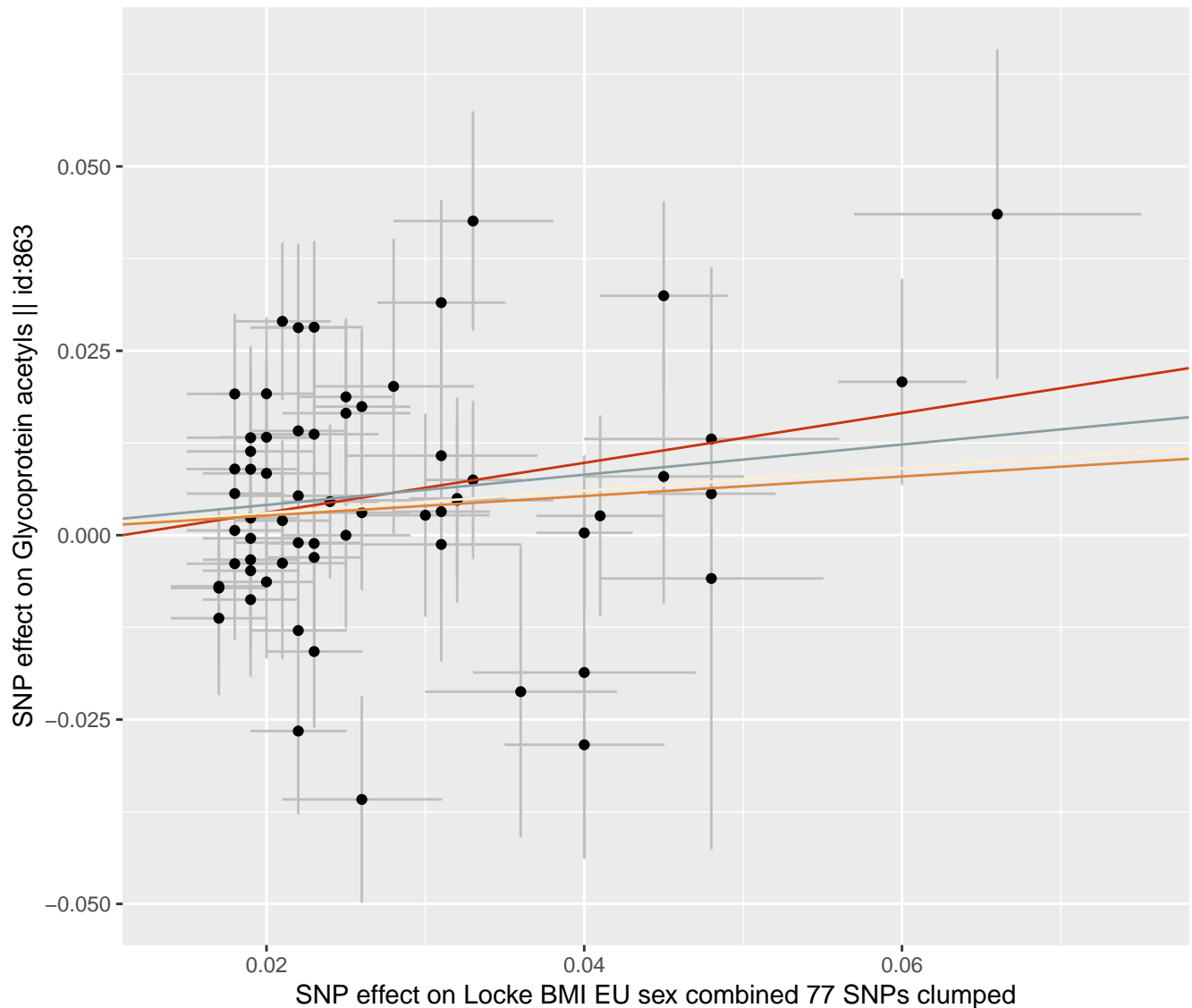
MR Test

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



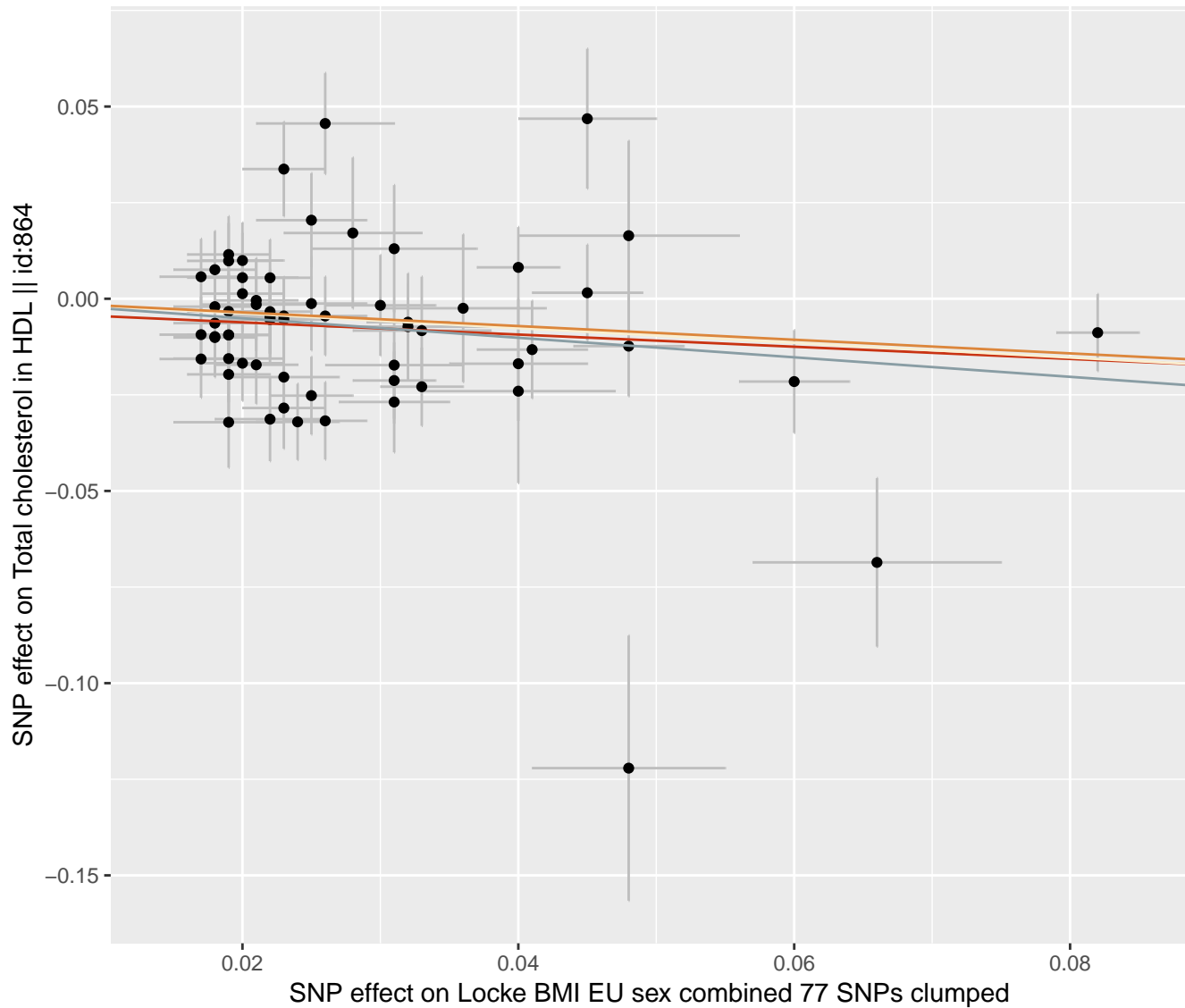
MR Test

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



MR Test

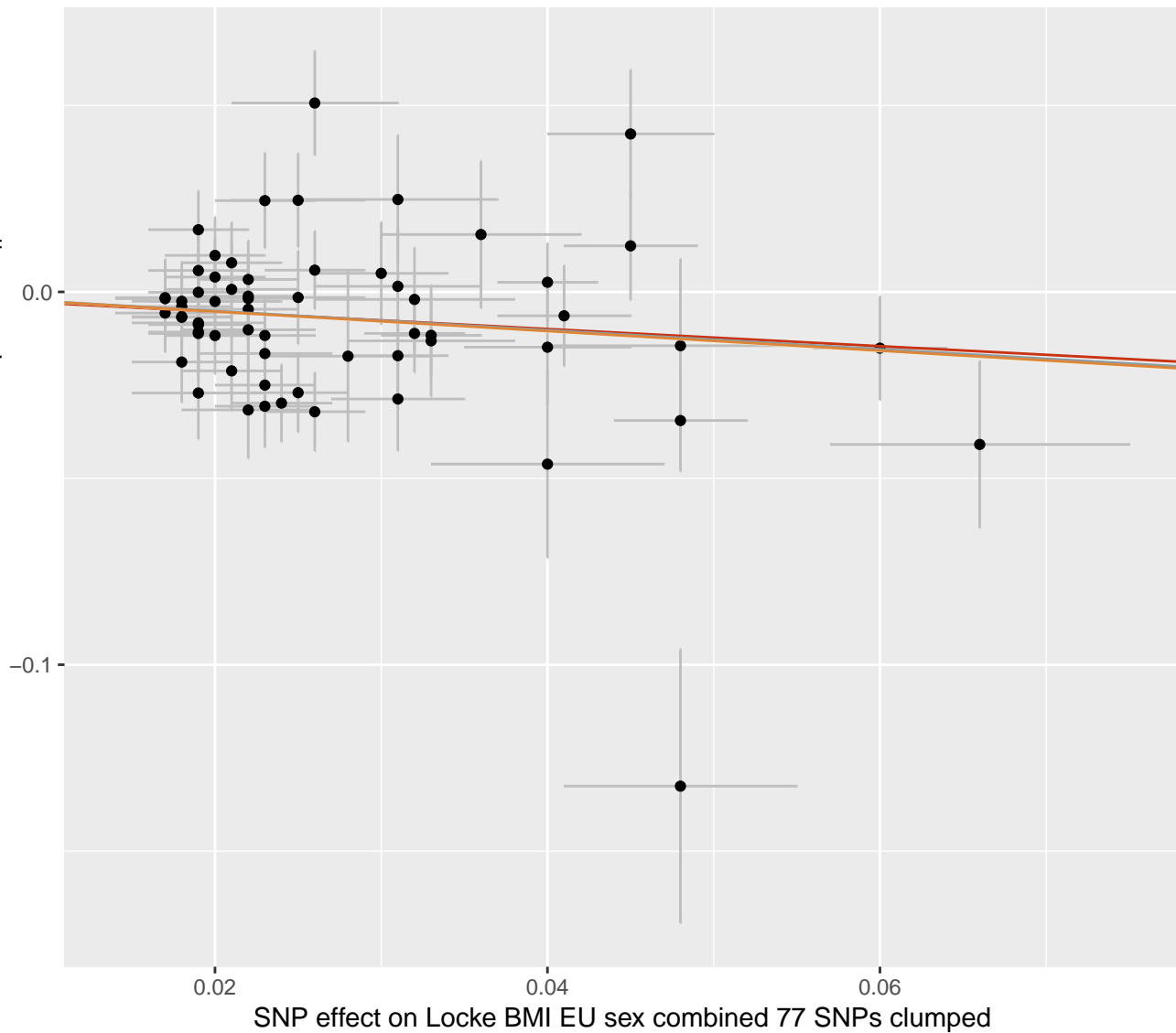
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

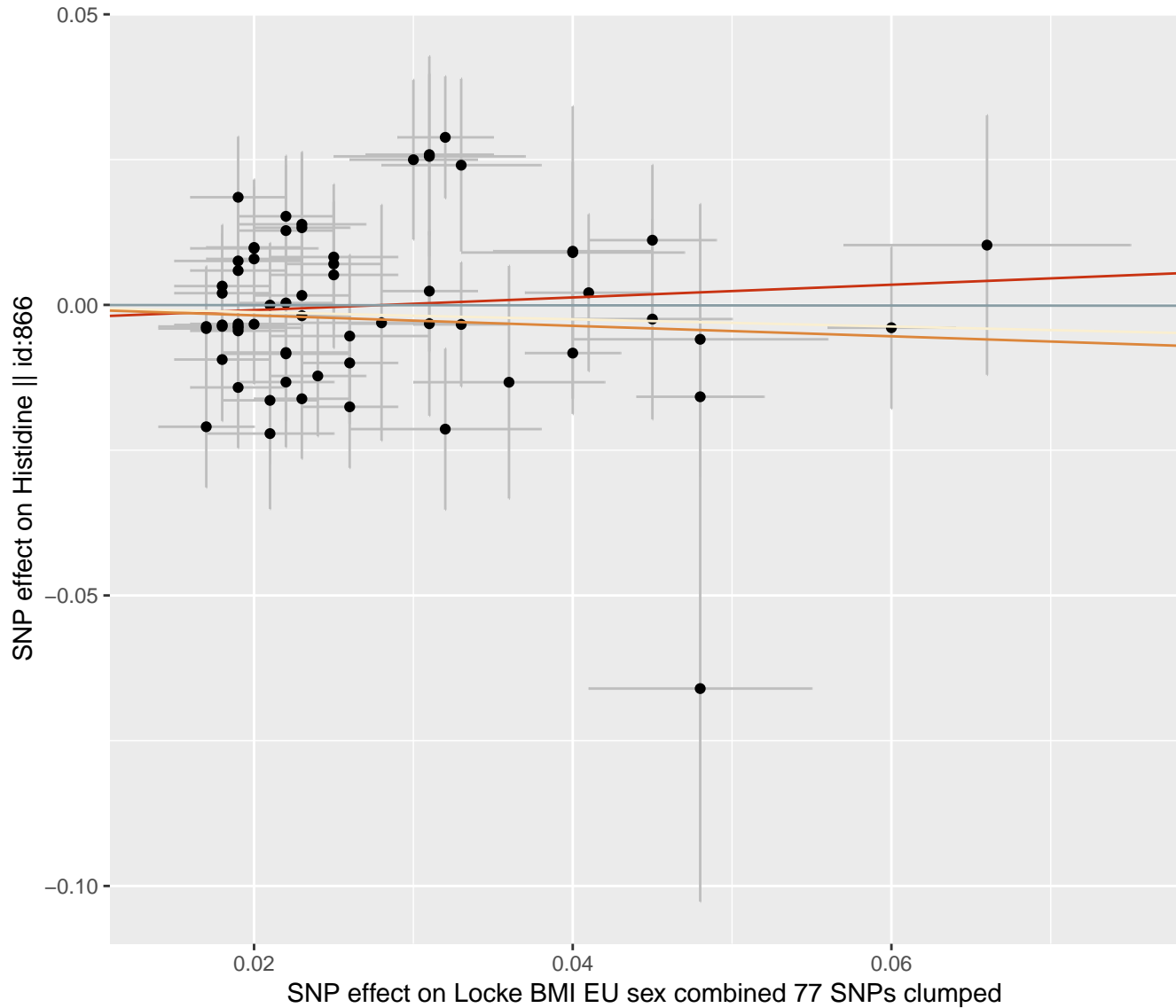
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Mean diameter for HDL particles || id:865



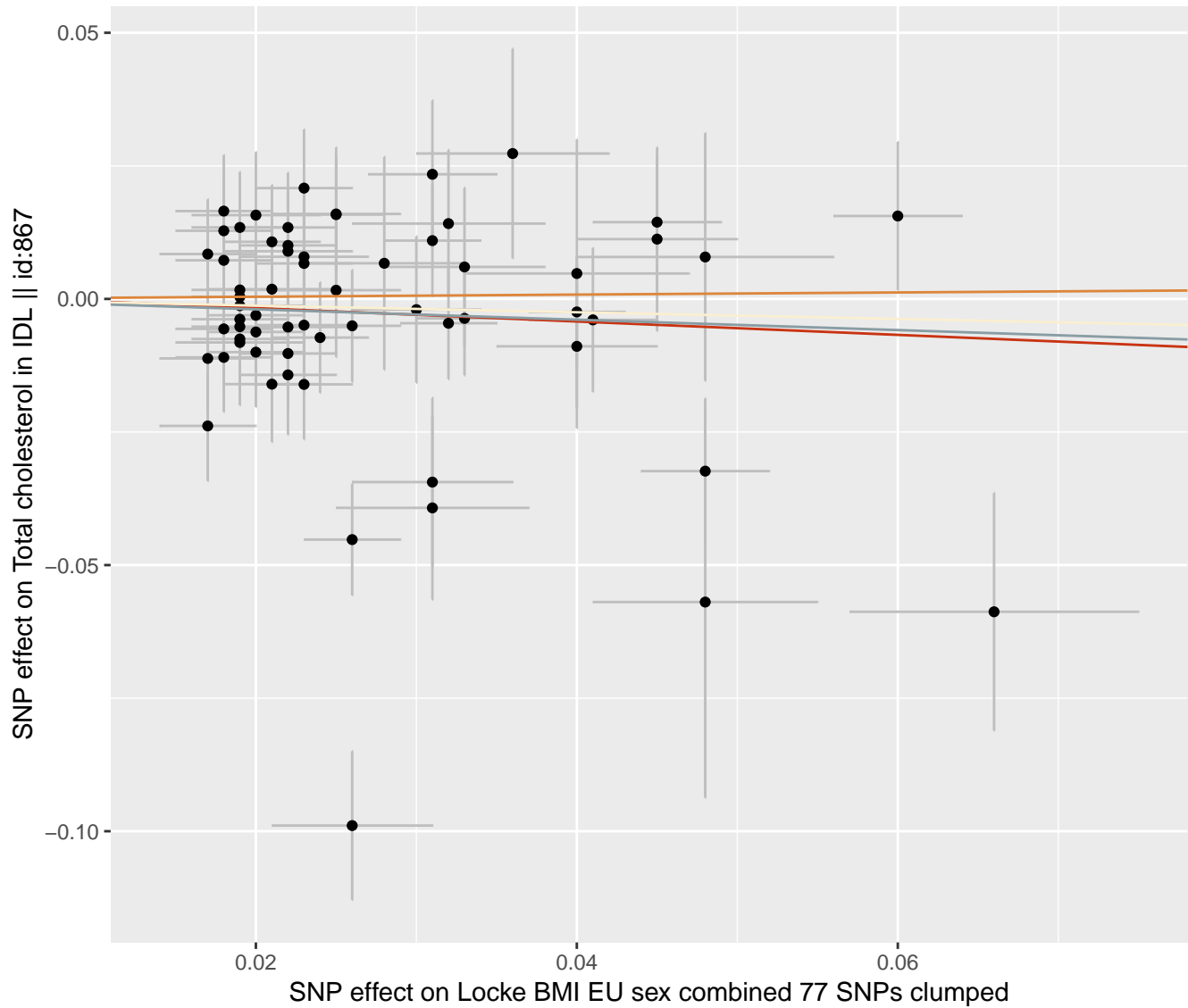
MR Test

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



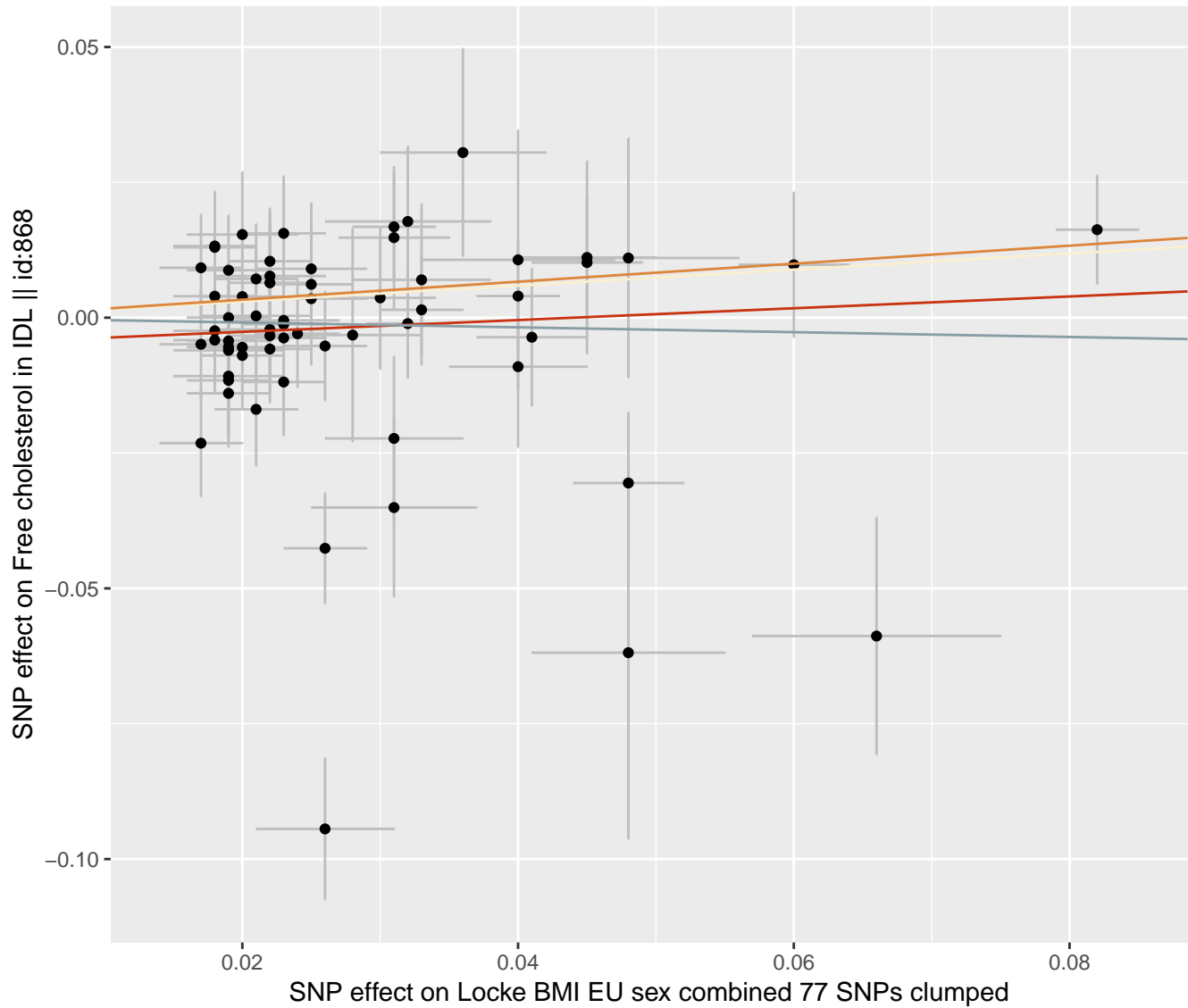
MR Test

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



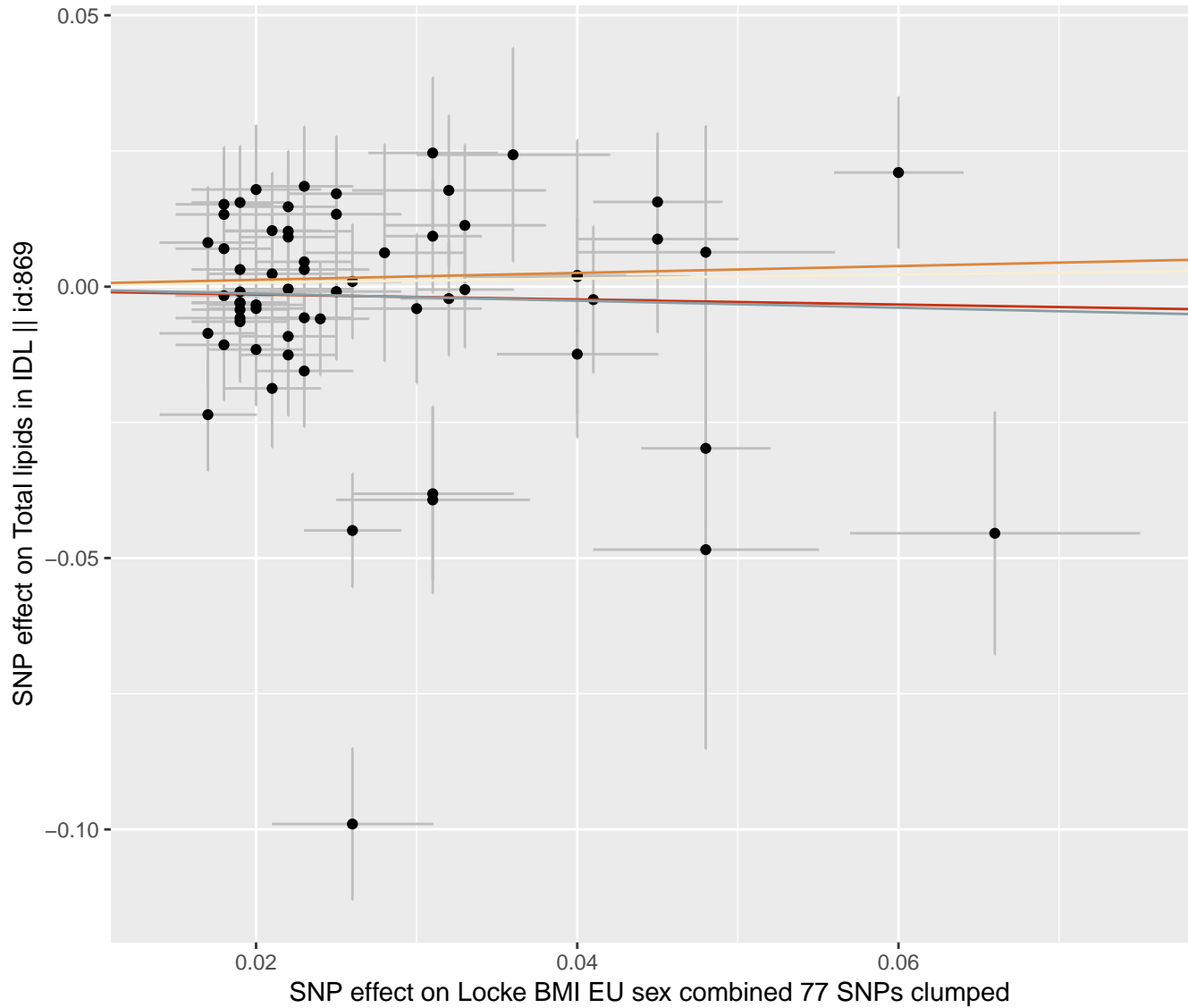
MR Test

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



MR Test

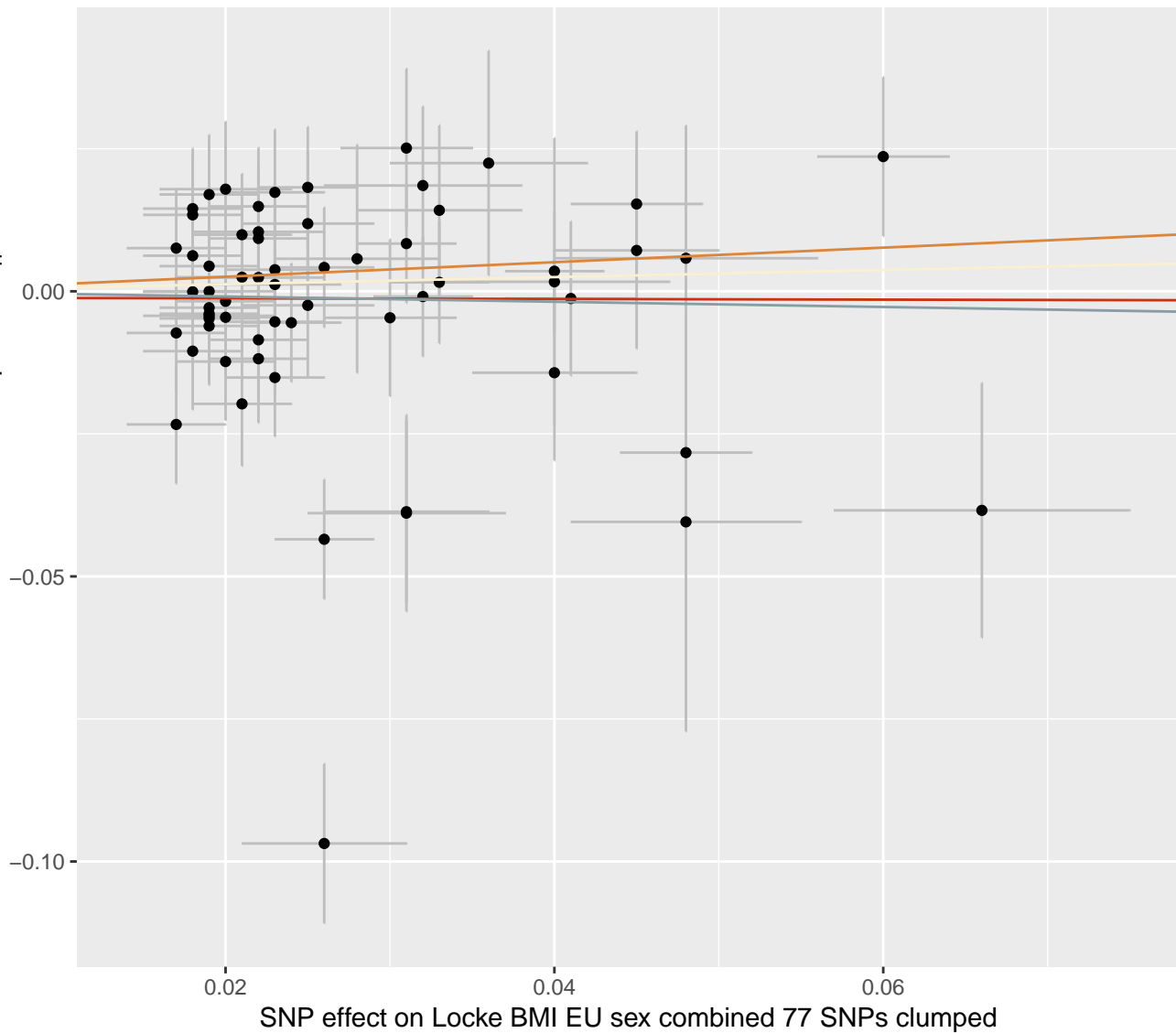
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

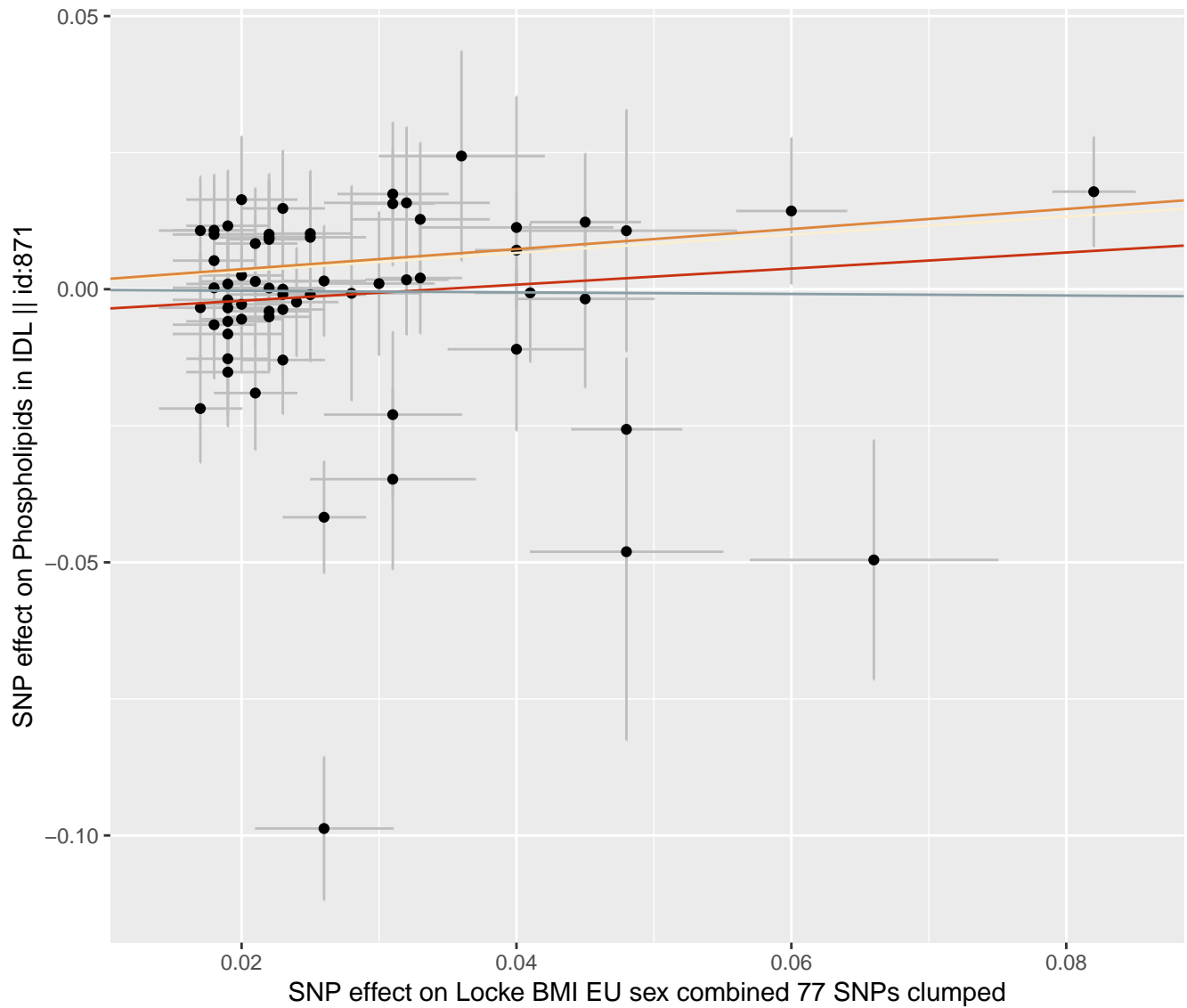
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



MR Test

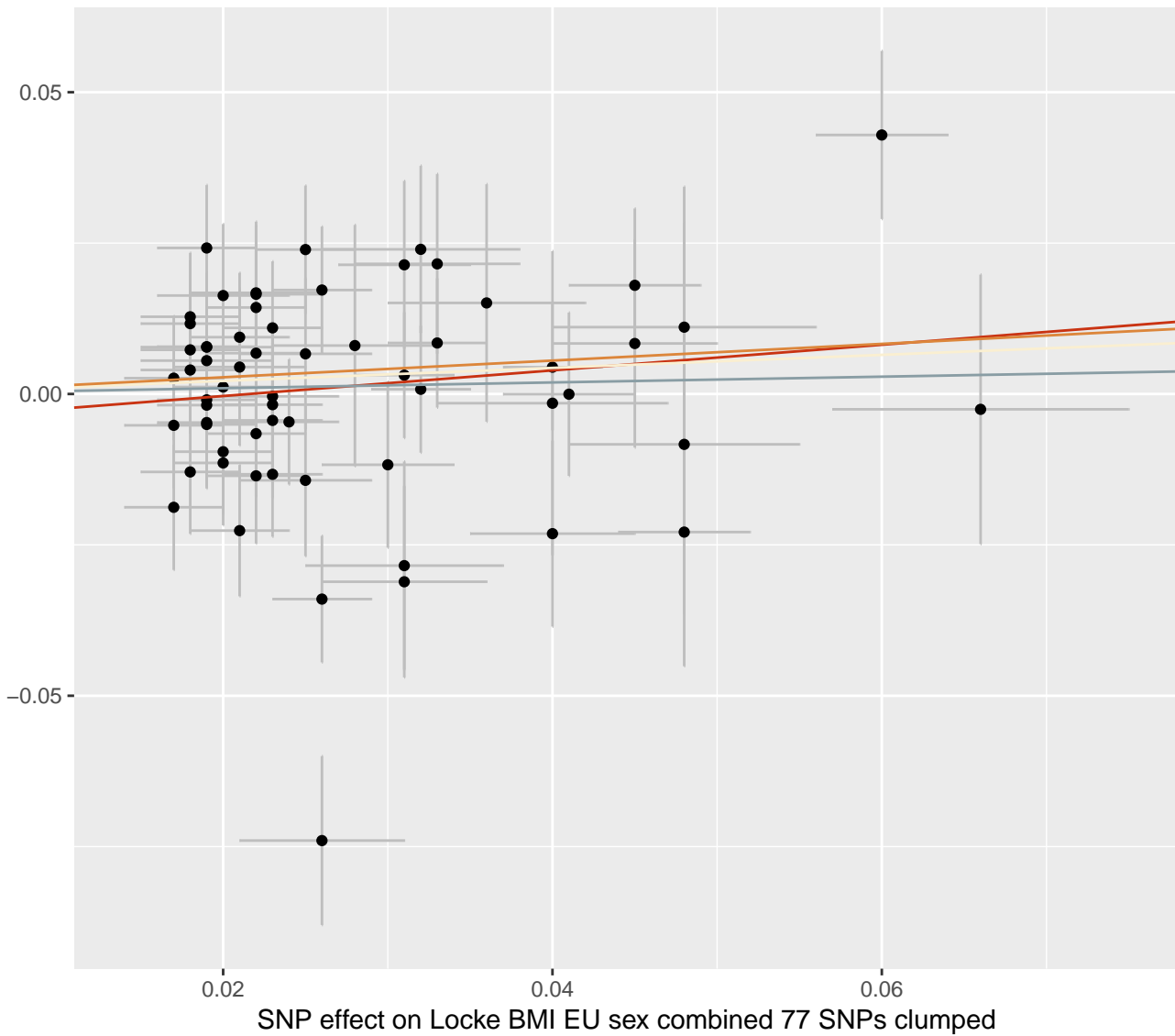
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

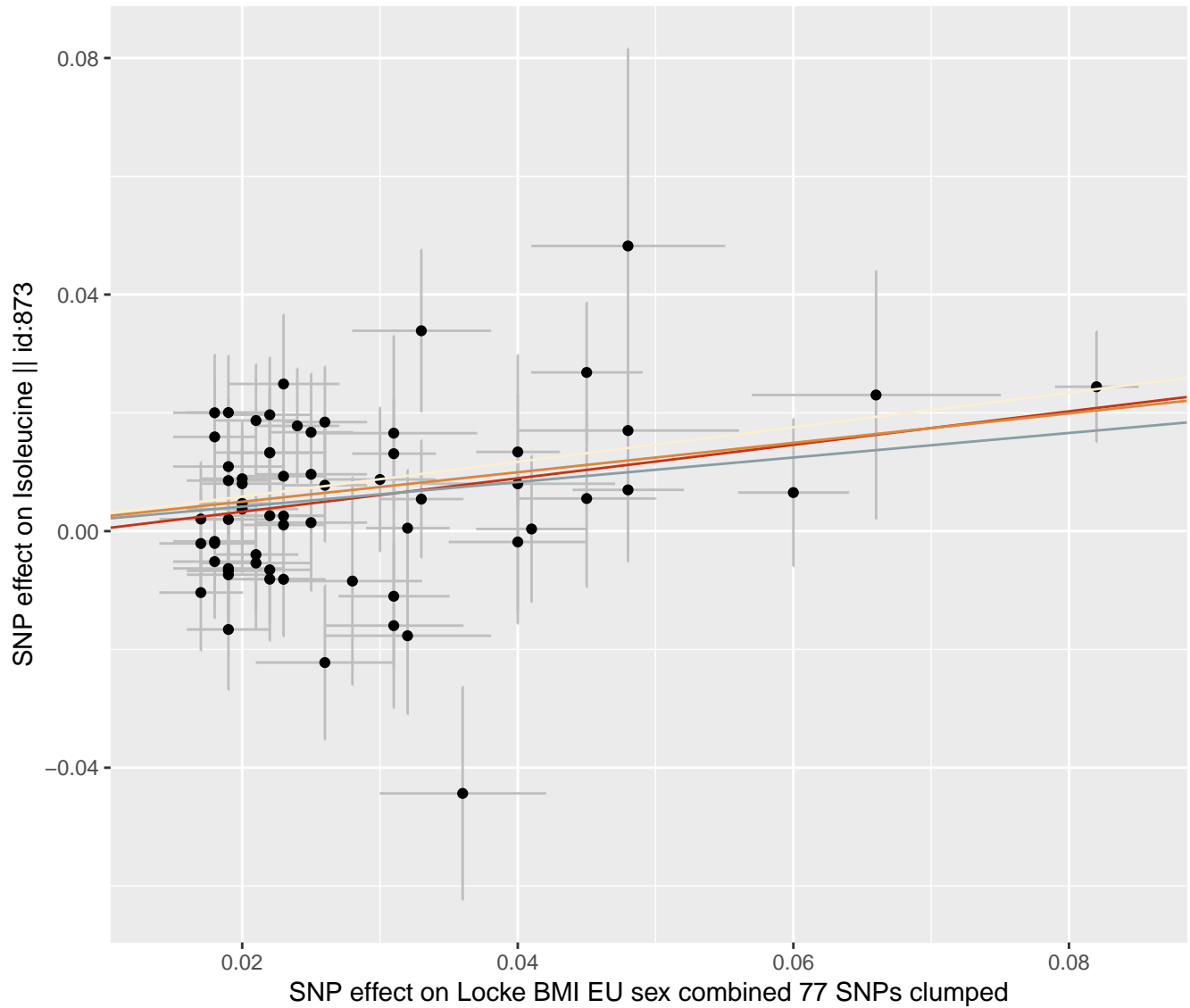
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Triglycerides in IDL || id:872



MR Test

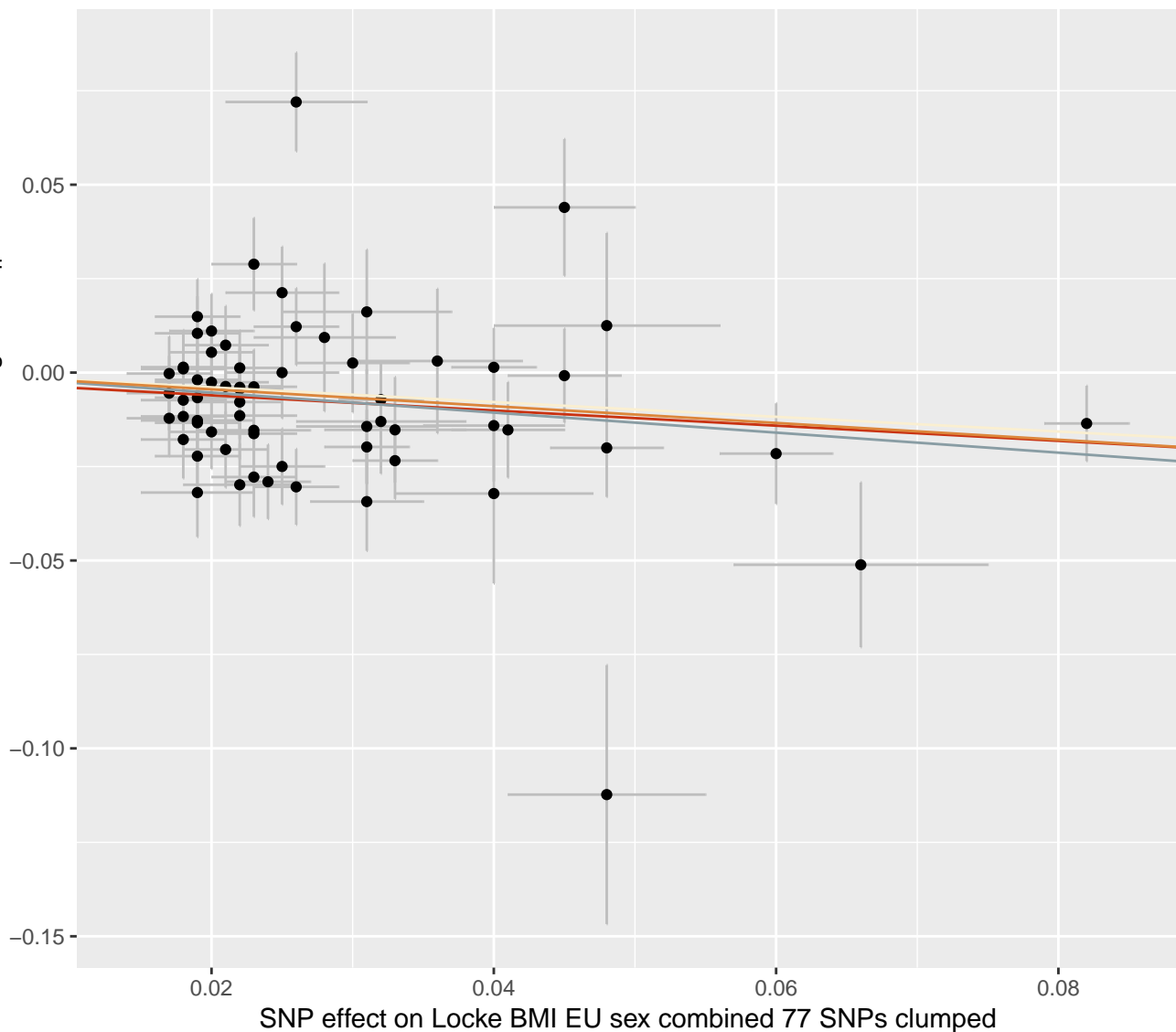
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

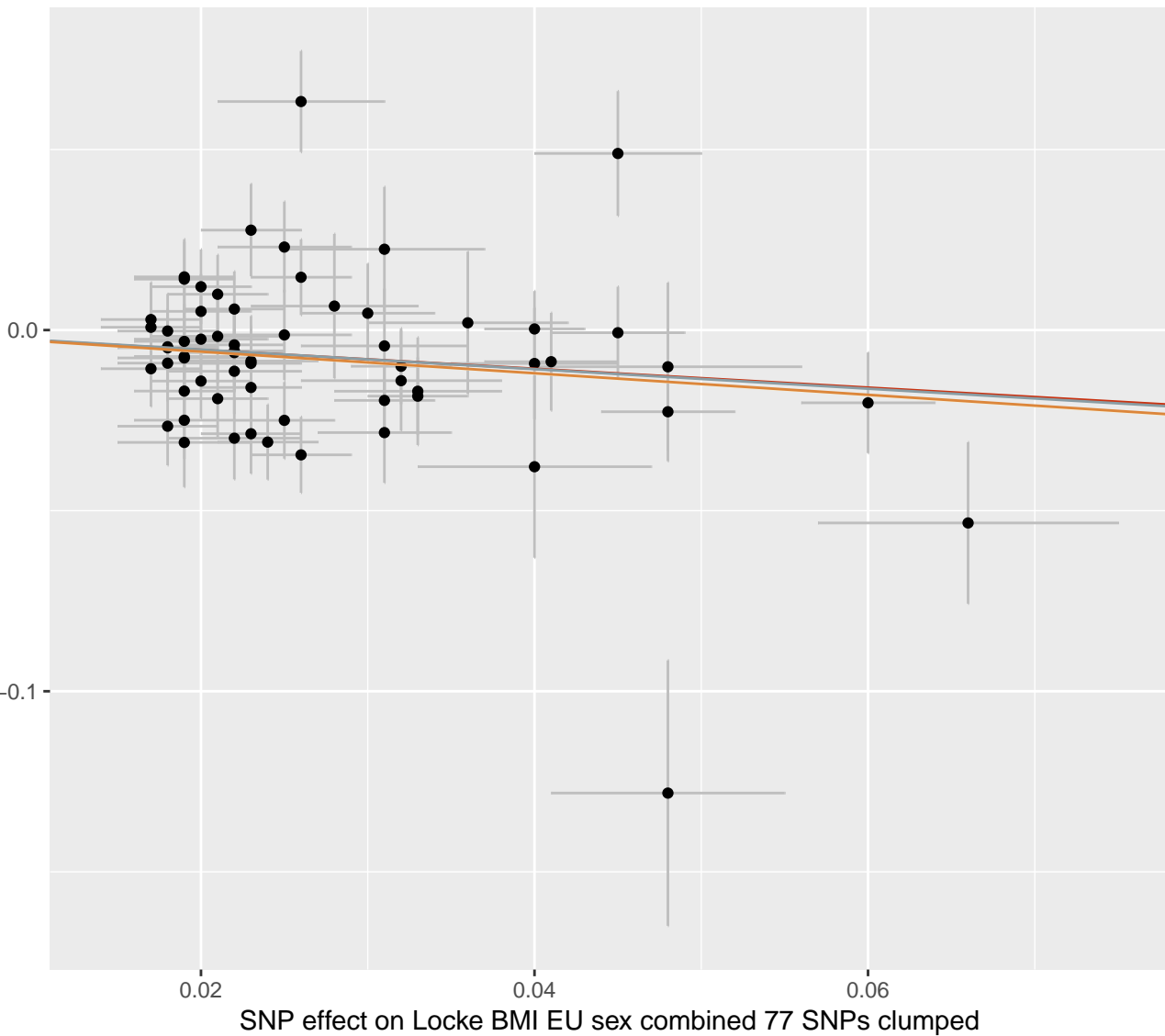
SNP effect on Total cholesterol in large HDL || id:874



MR Test

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

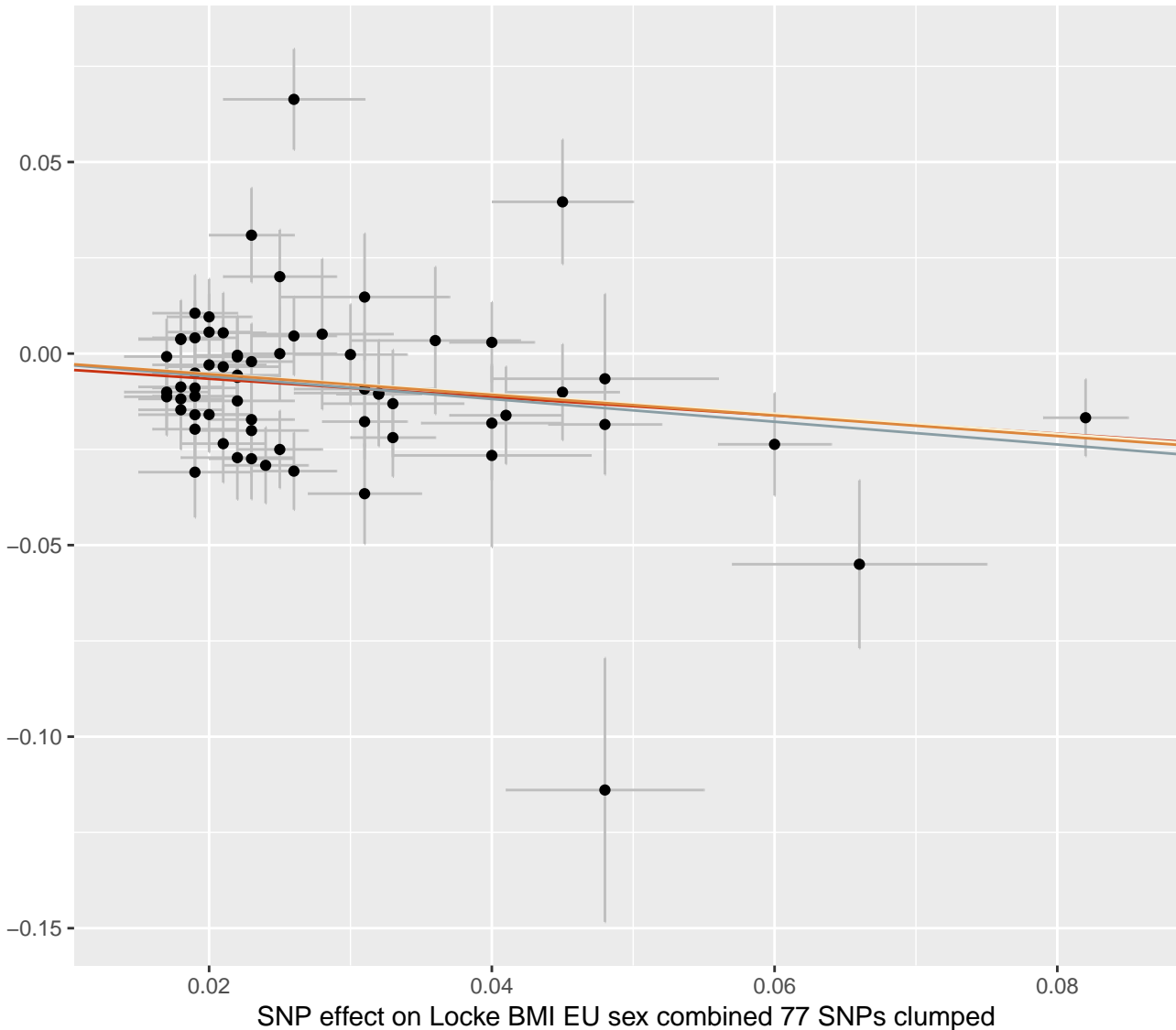
SNP effect on Cholesterol esters in large HDL || id:875



MR Test

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

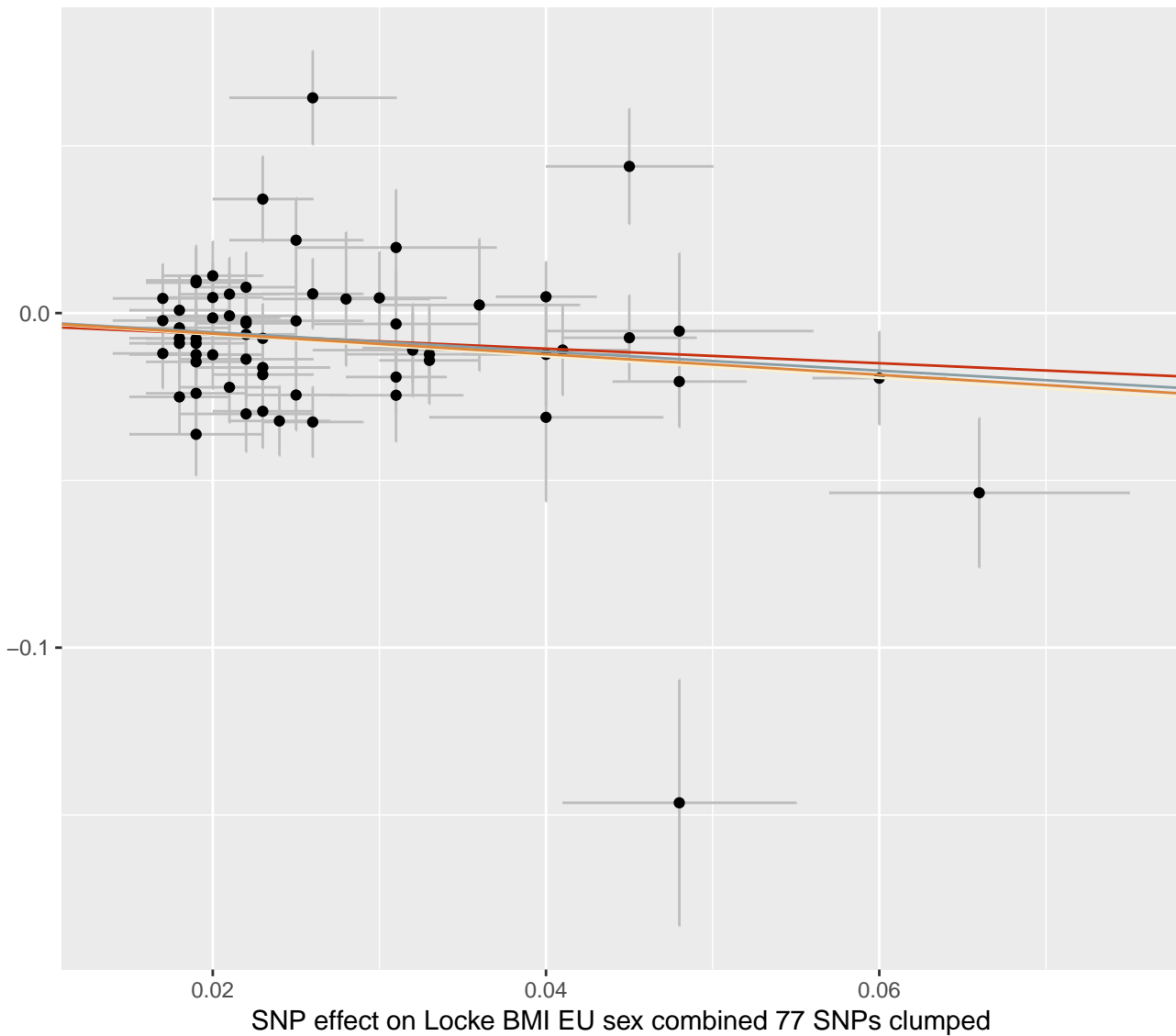
SNP effect on Free cholesterol in large HDL || id:876



MR Test

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

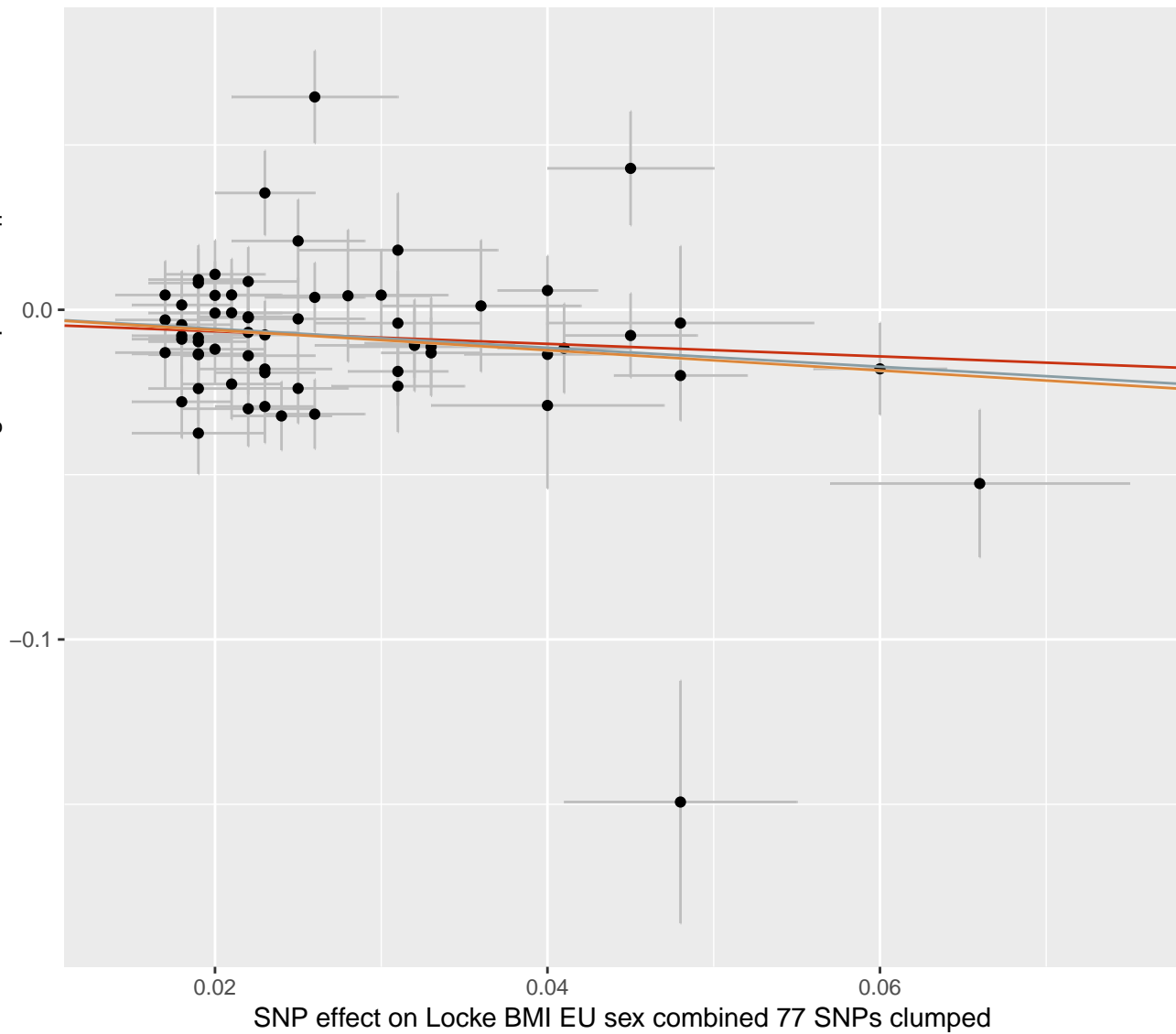
SNP effect on Total lipids in large HDL || id:877



MR Test

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

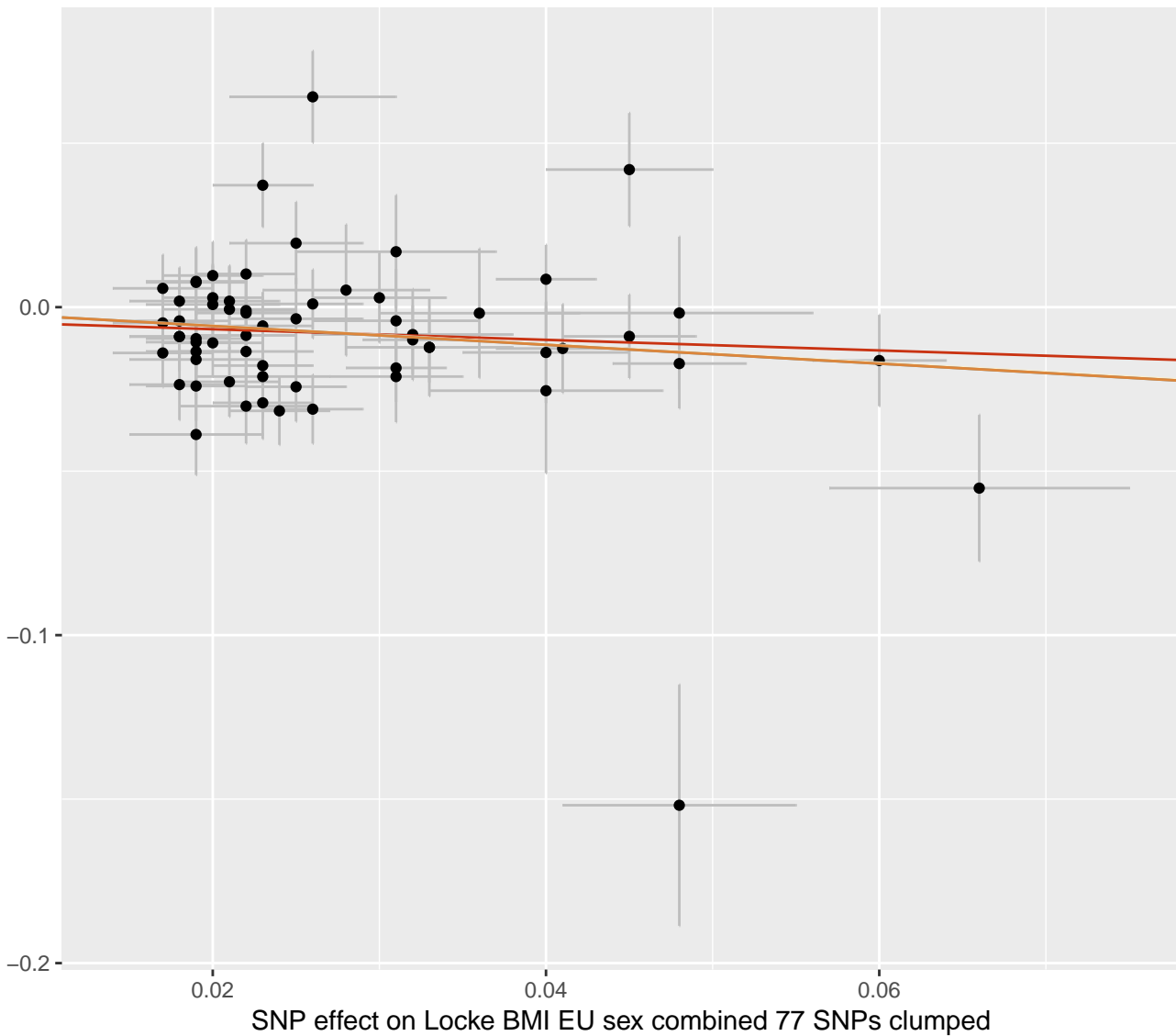
SNP effect on Concentration of large HDL particles || id:878



MR Test

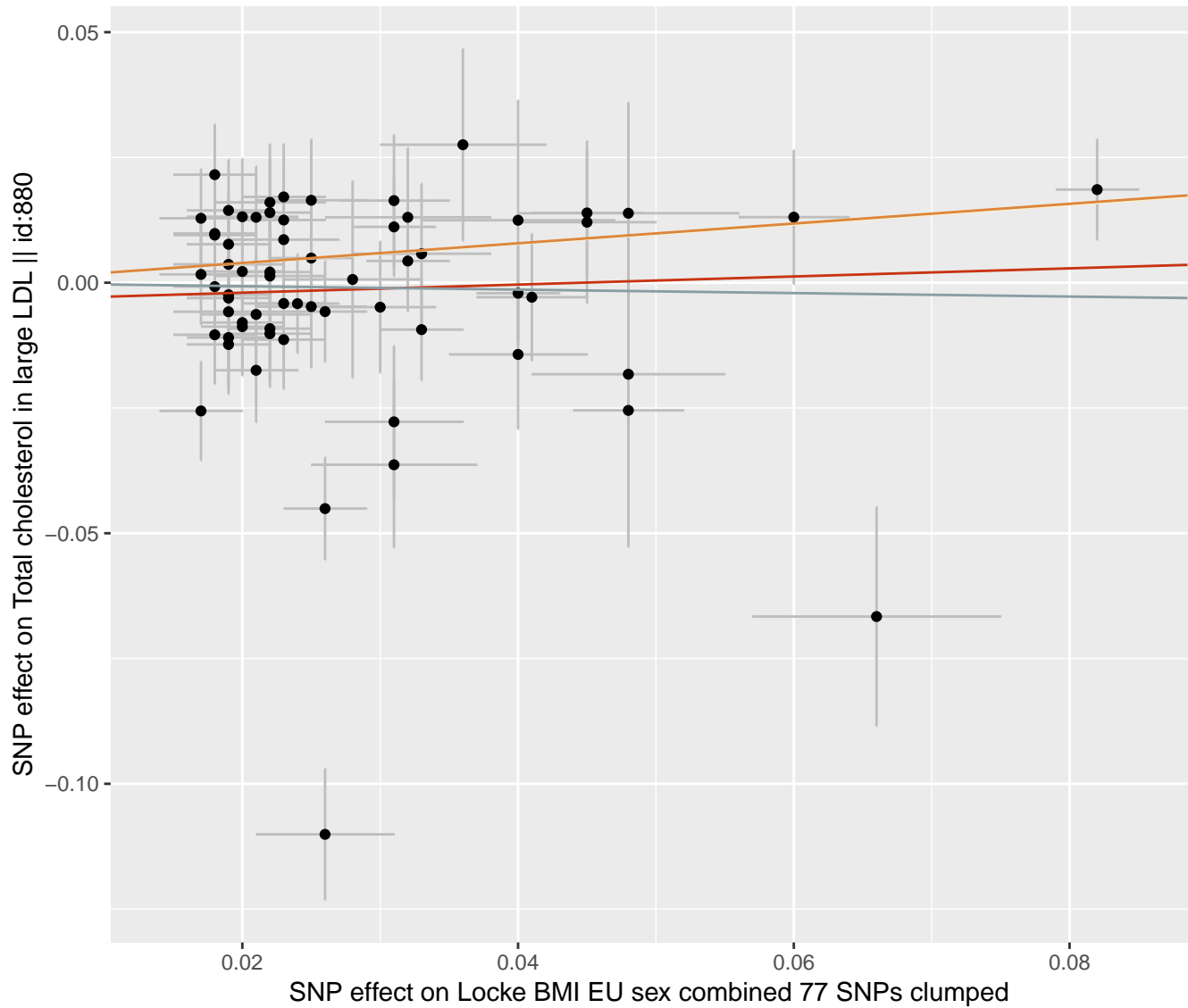
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



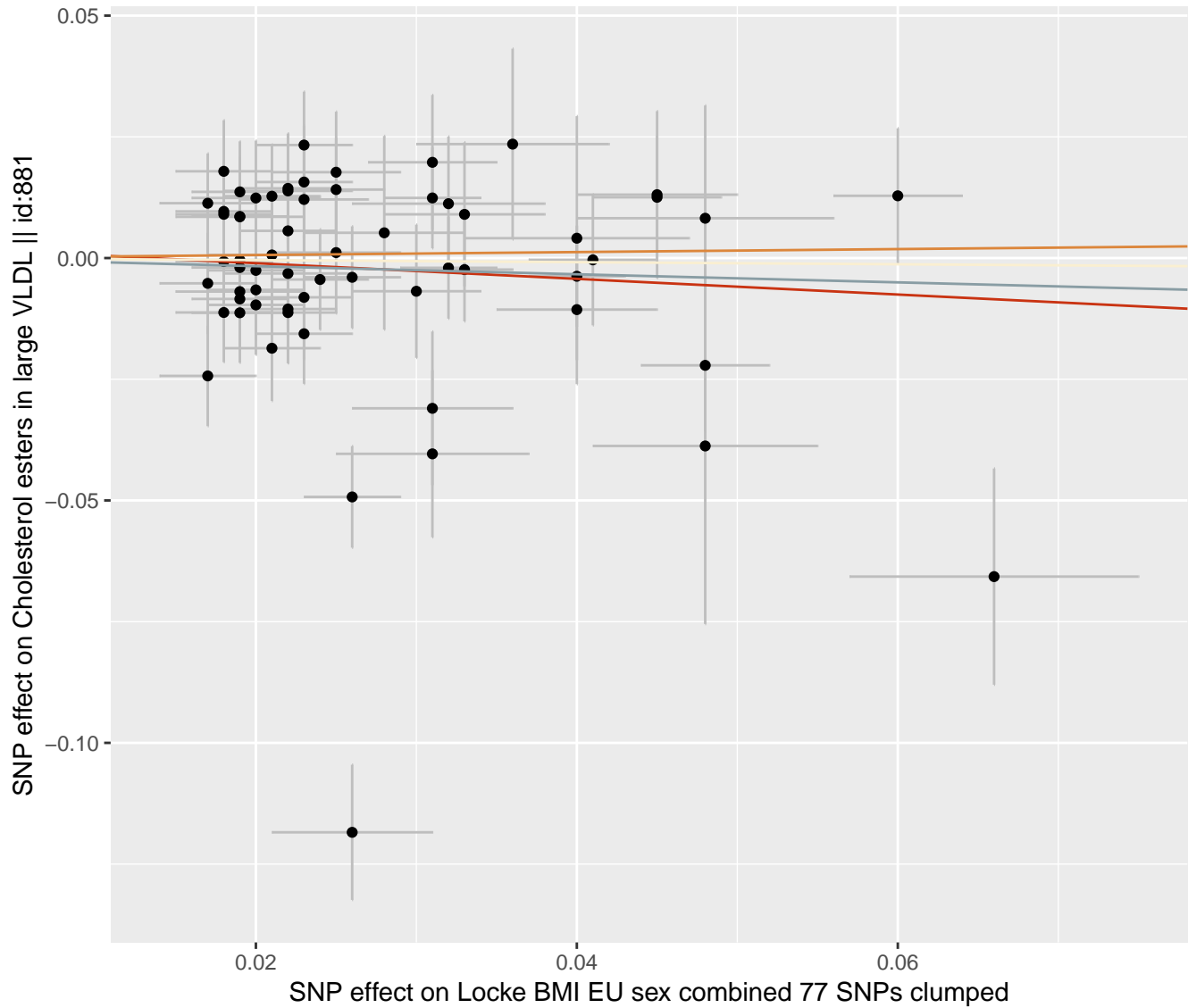
MR Test

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



MR Test

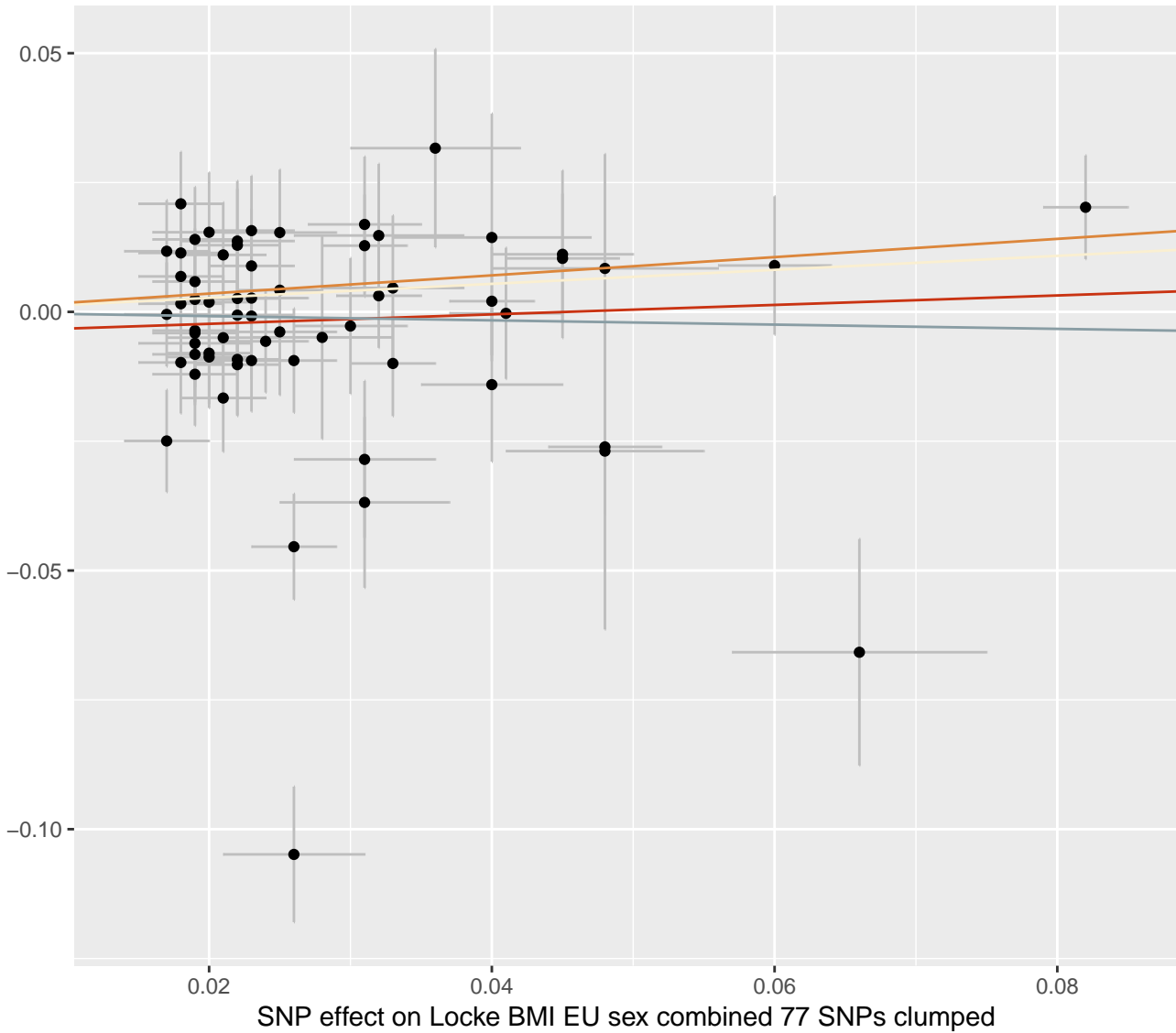
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

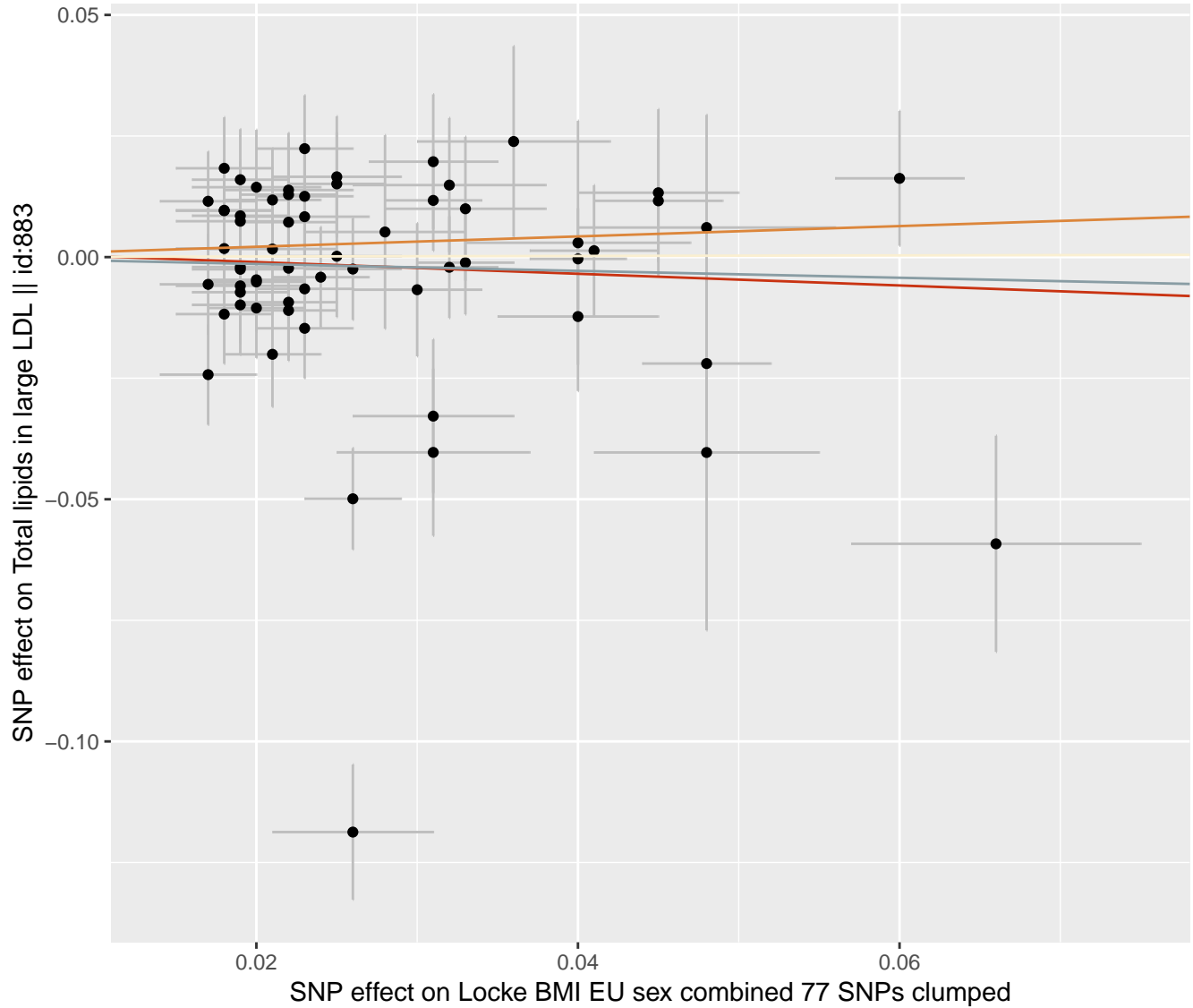
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Free cholesterol in large LDL || id:882



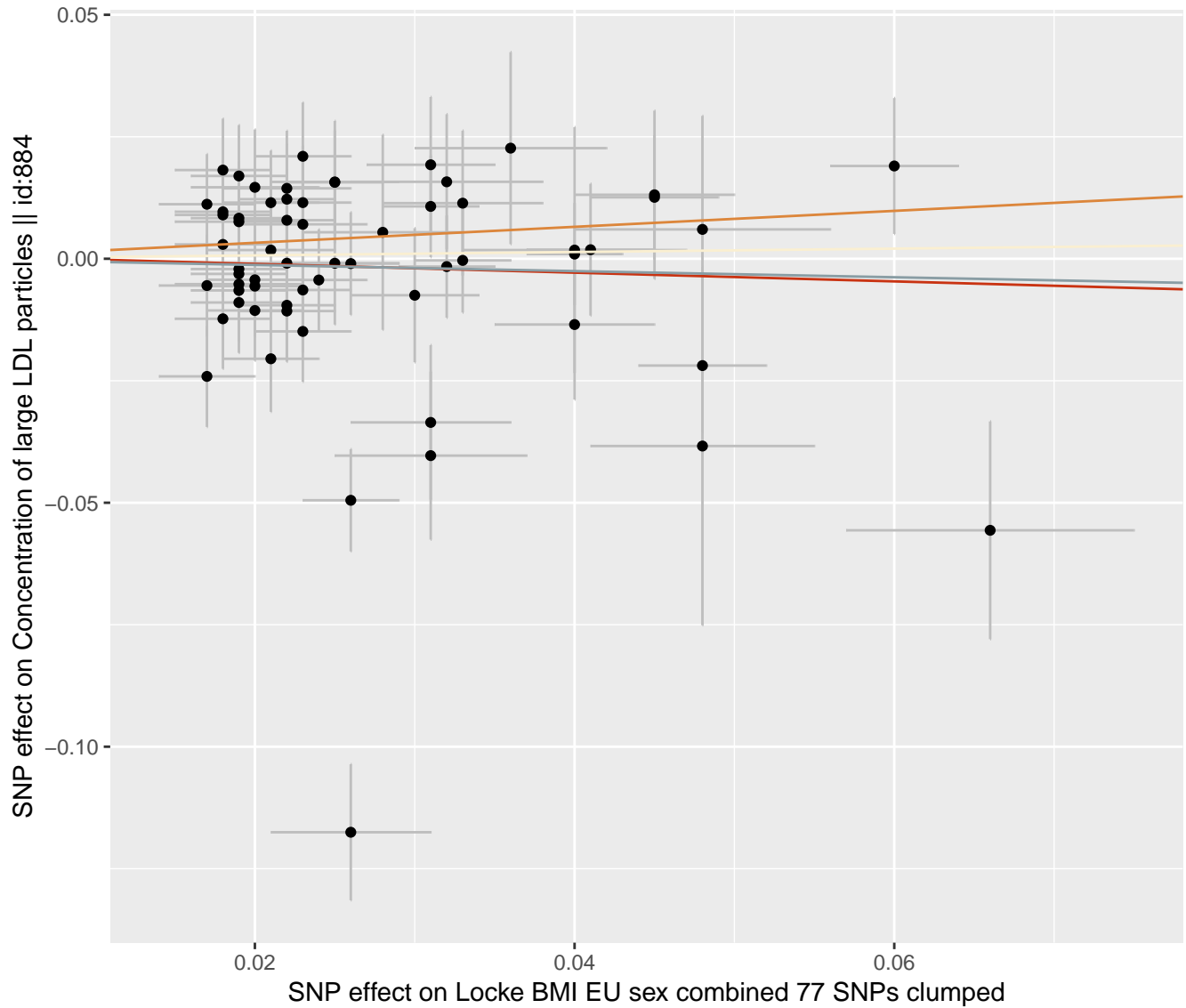
MR Test

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



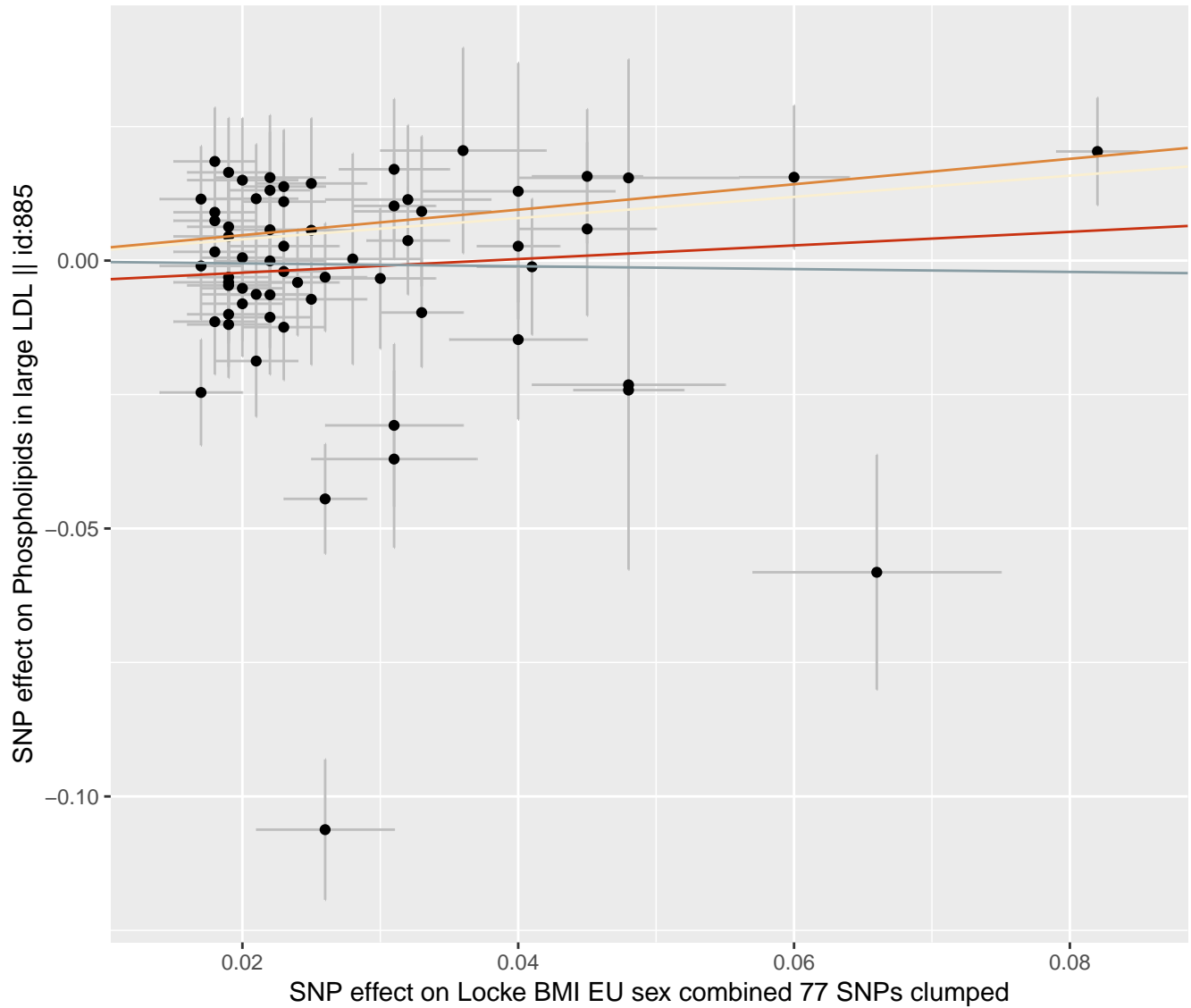
MR Test

- 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

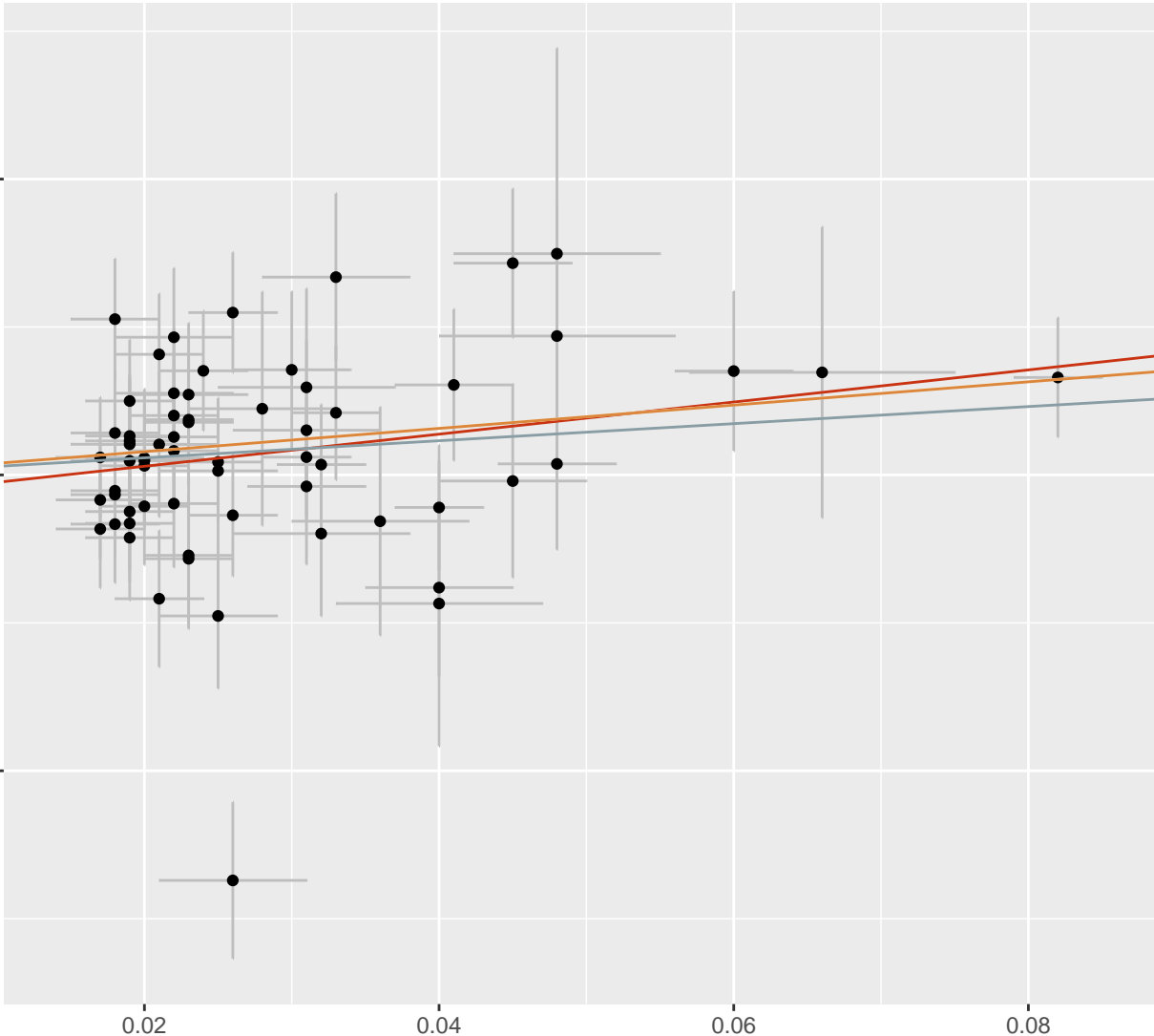
SNP effect on Total cholesterol in large VLDL || id:886

0.05

0.00

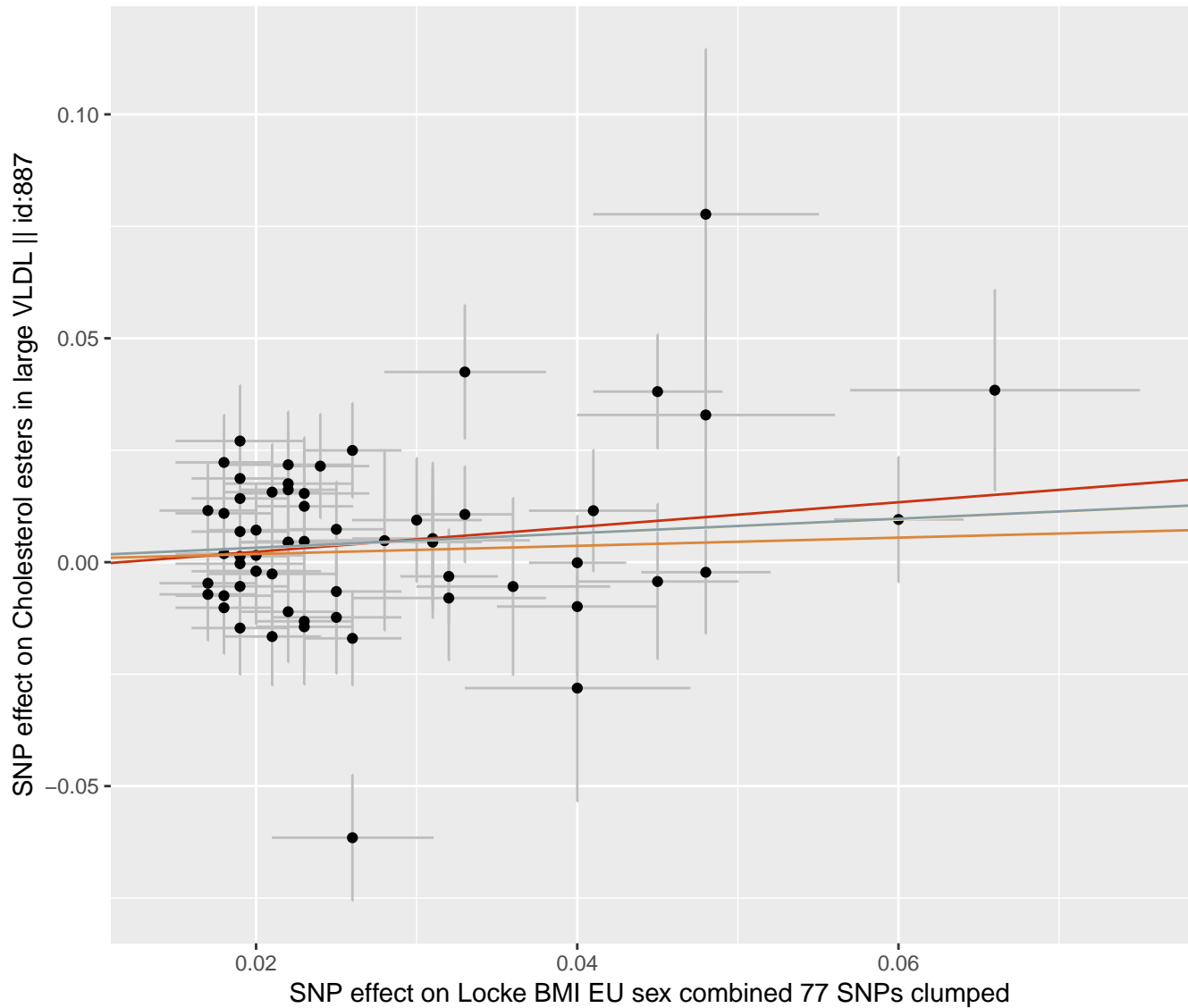
-0.05

SNP effect on Locke BMI EU sex combined 77 SNPs clumped



MR Test

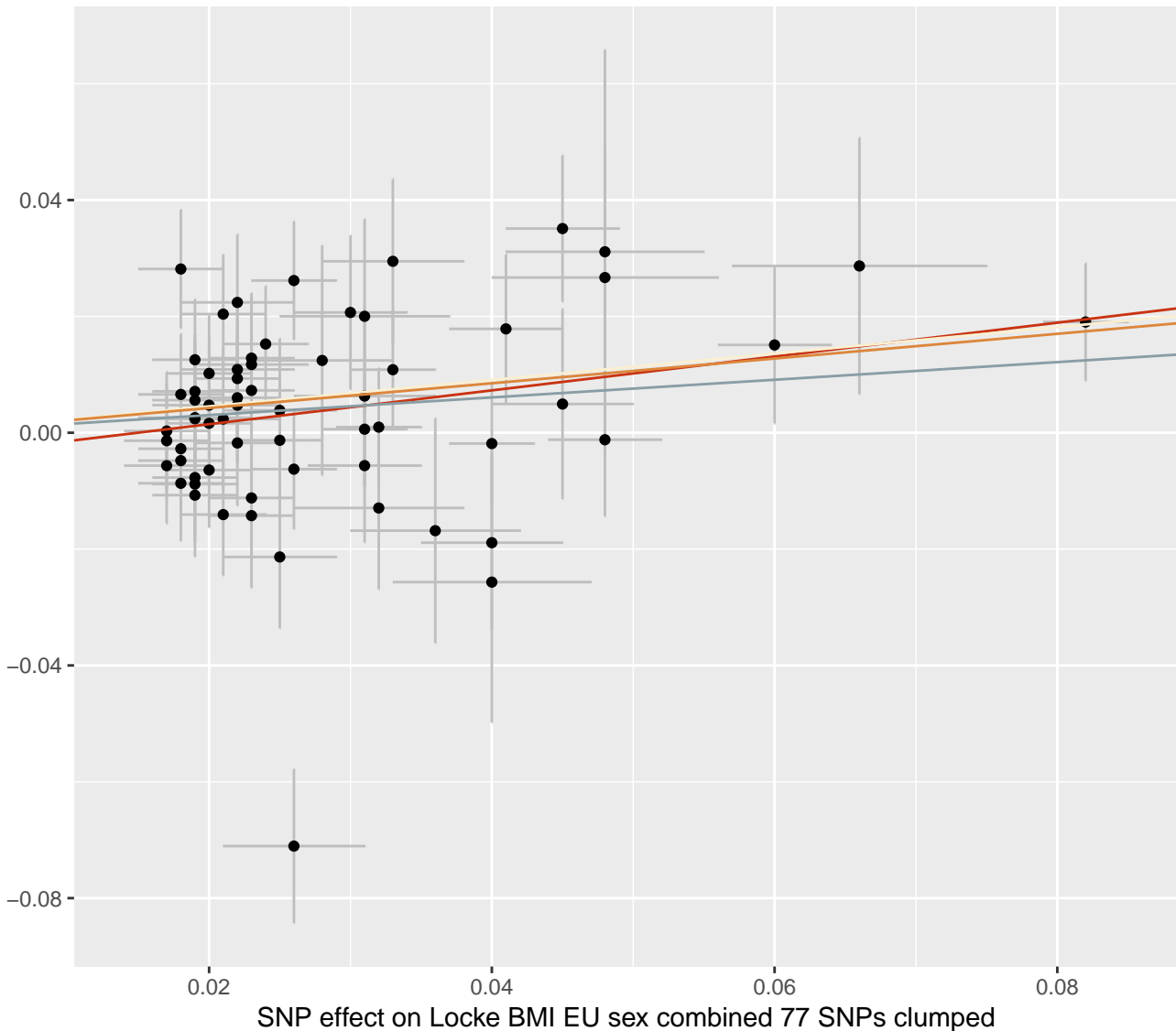
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

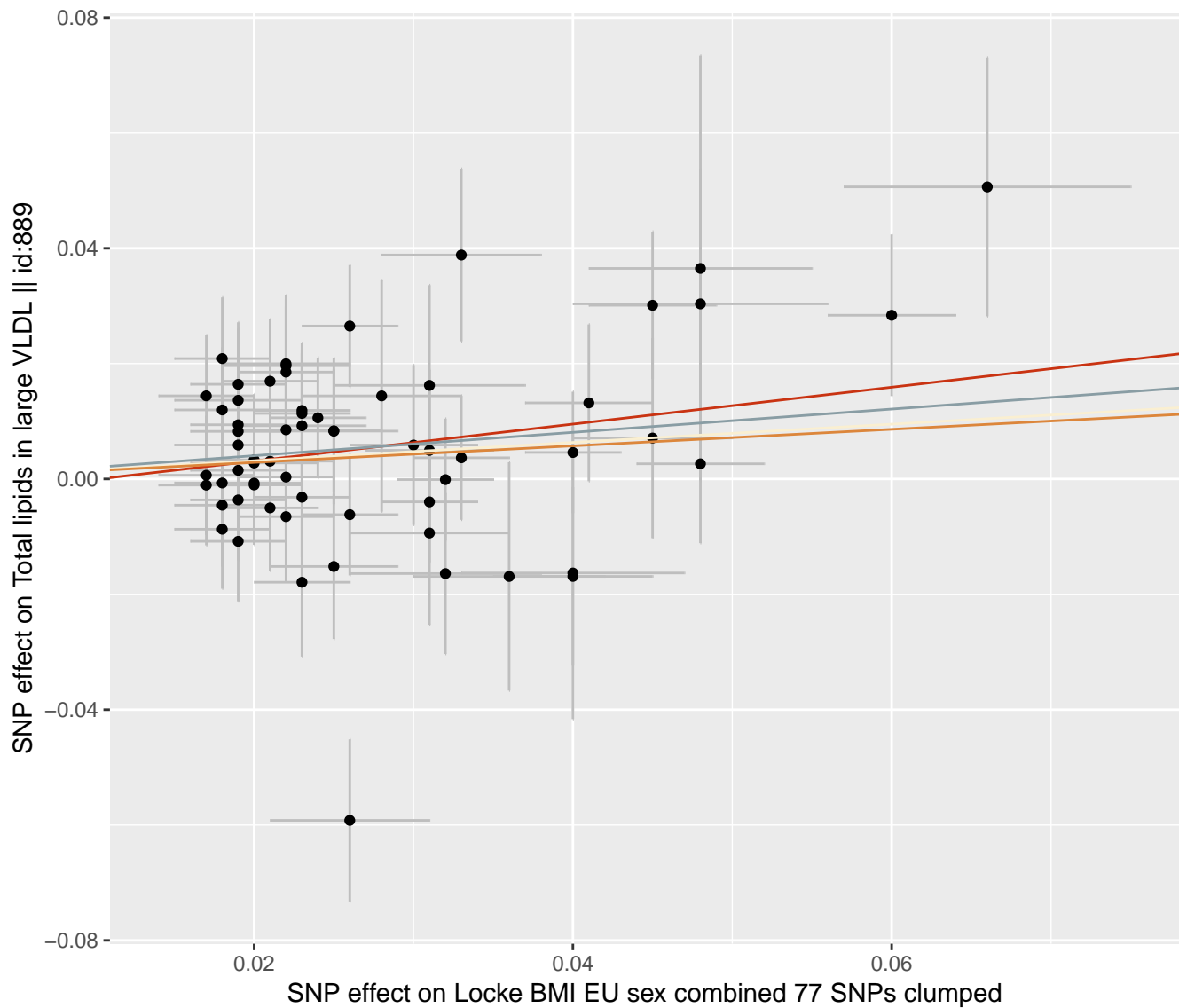
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Free cholesterol in large VLDL || id:888



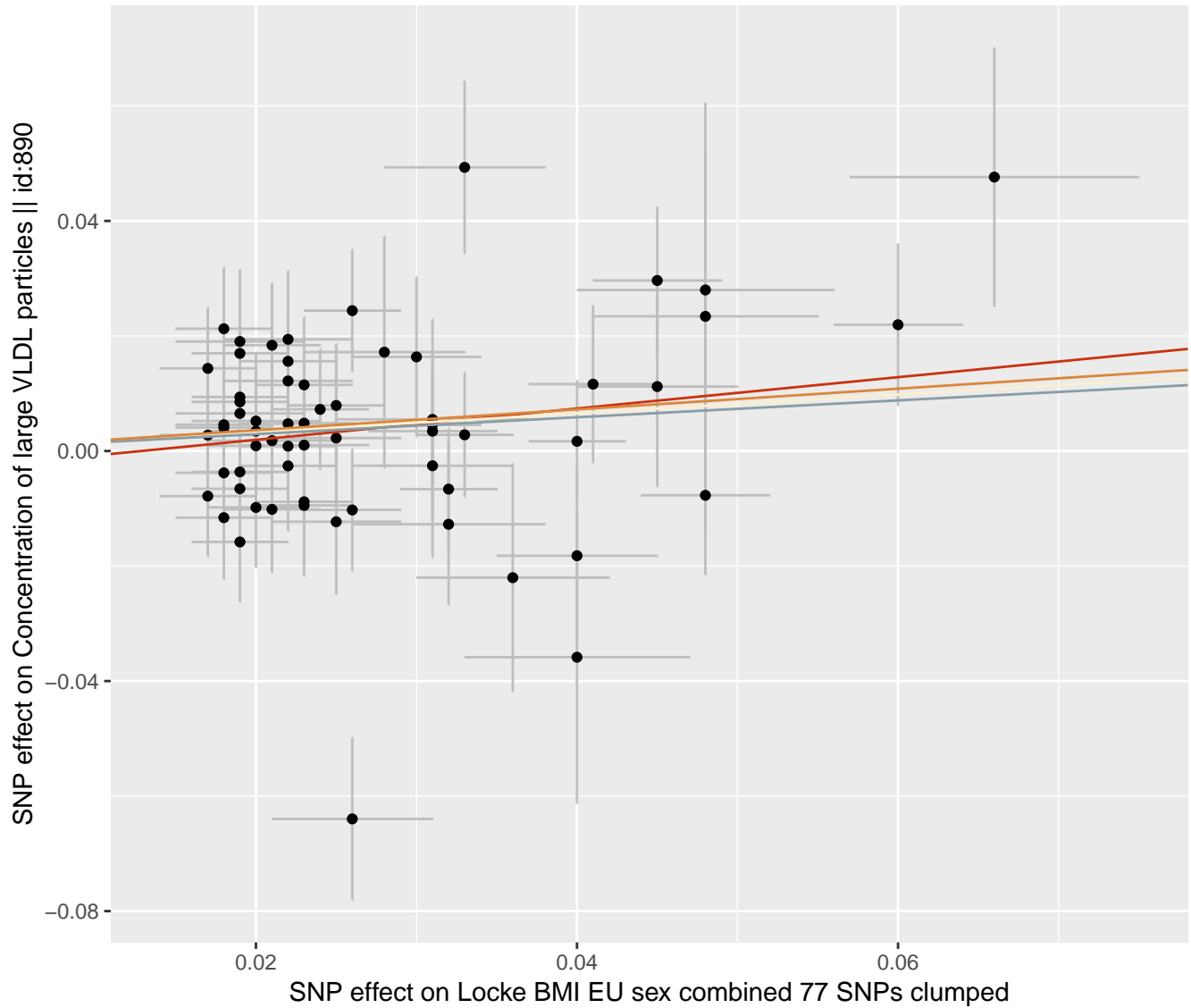
MR Test

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



MR Test

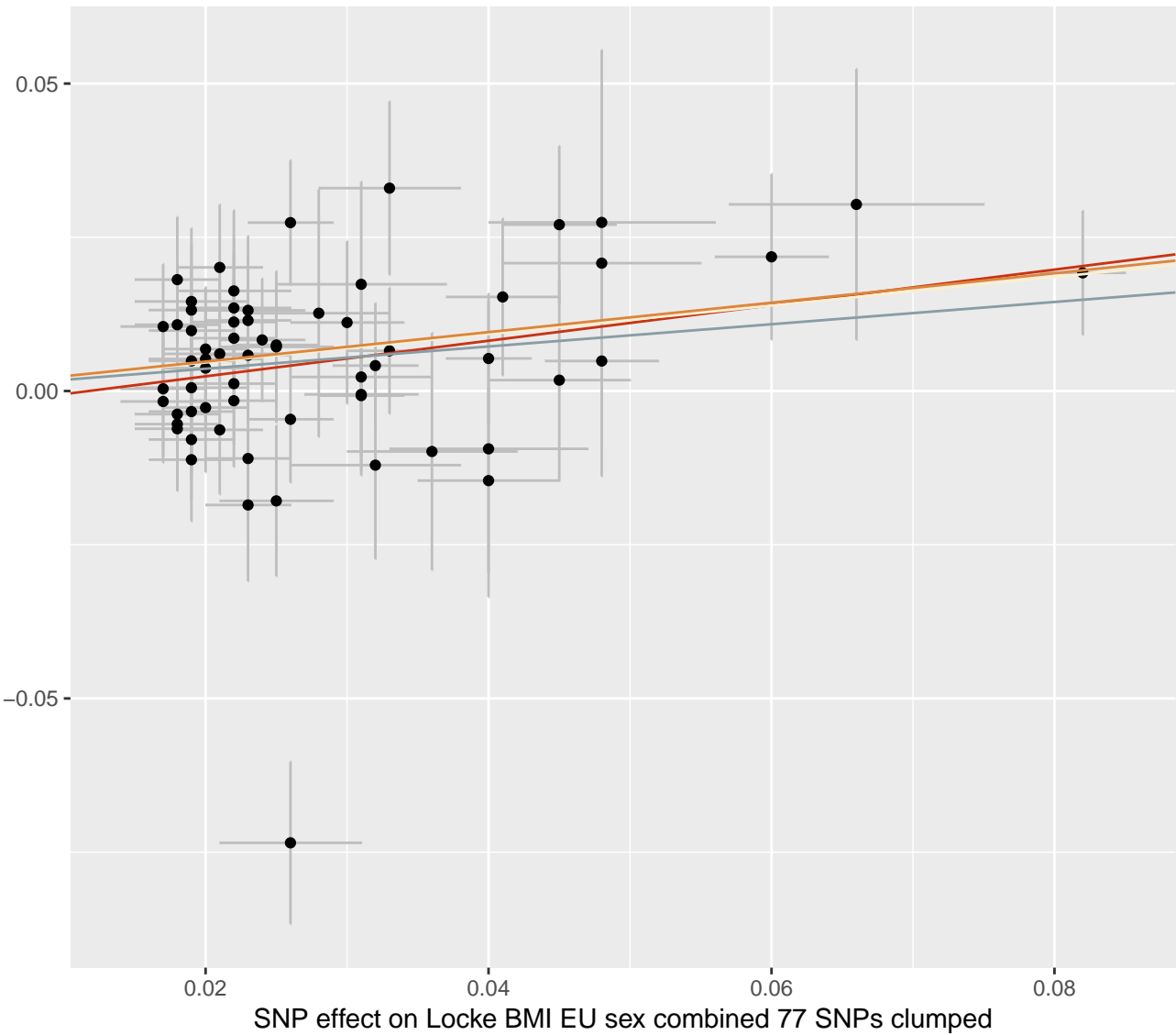
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

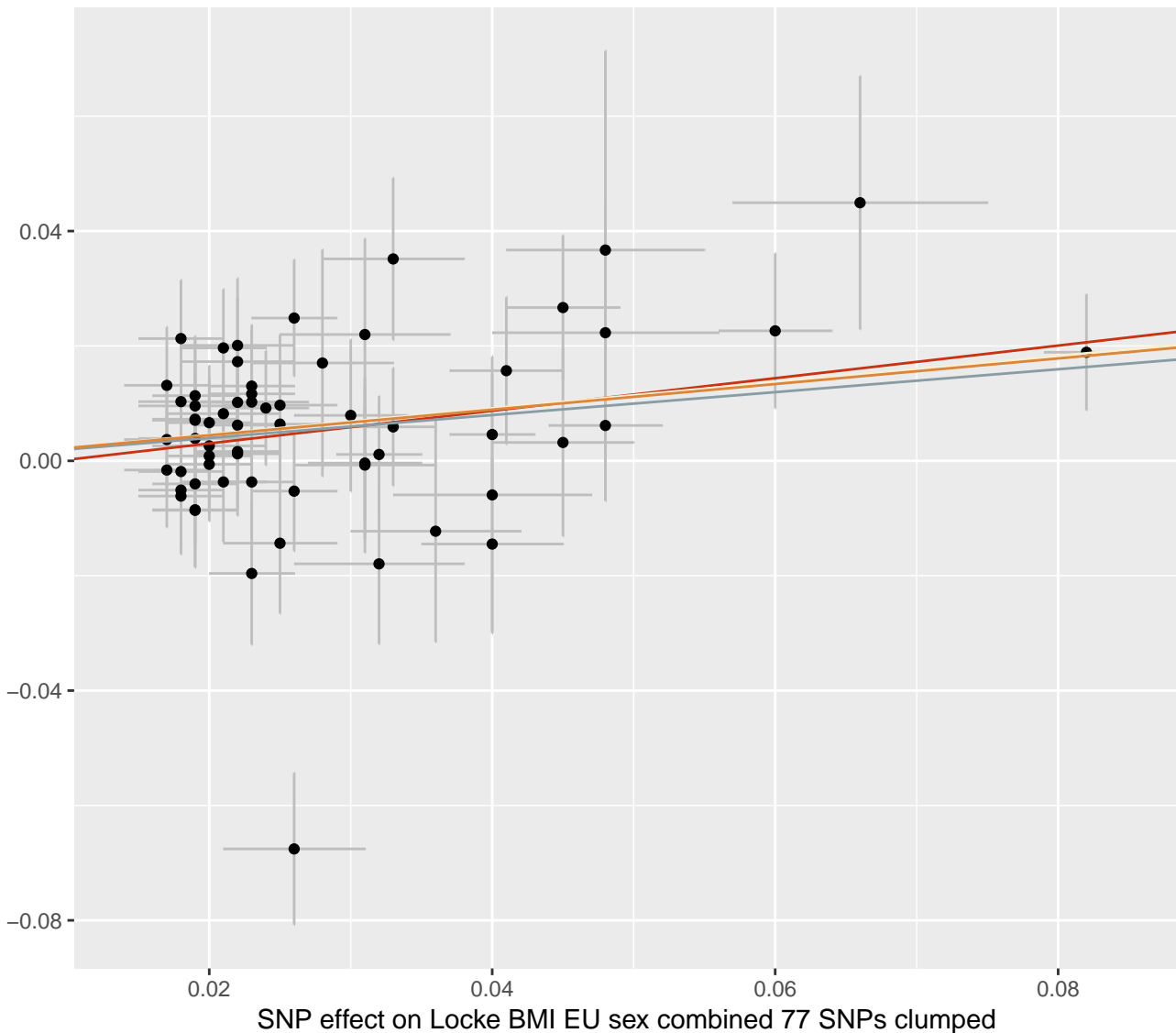
SNP effect on Phospholipids in large VLDL || id:891



MR Test

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

SNP effect on Triglycerides in large VLDL || id:892

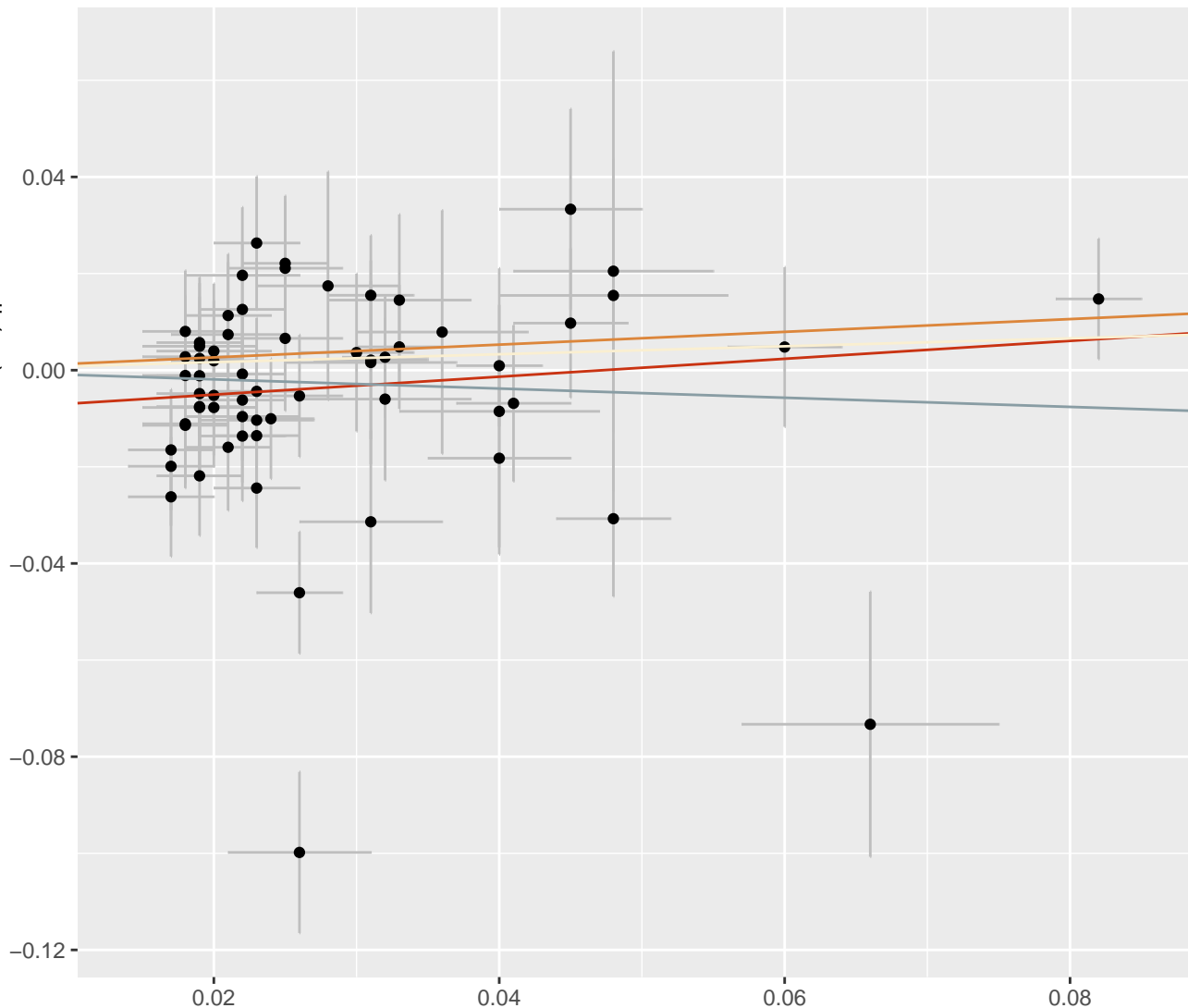


MR Test

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

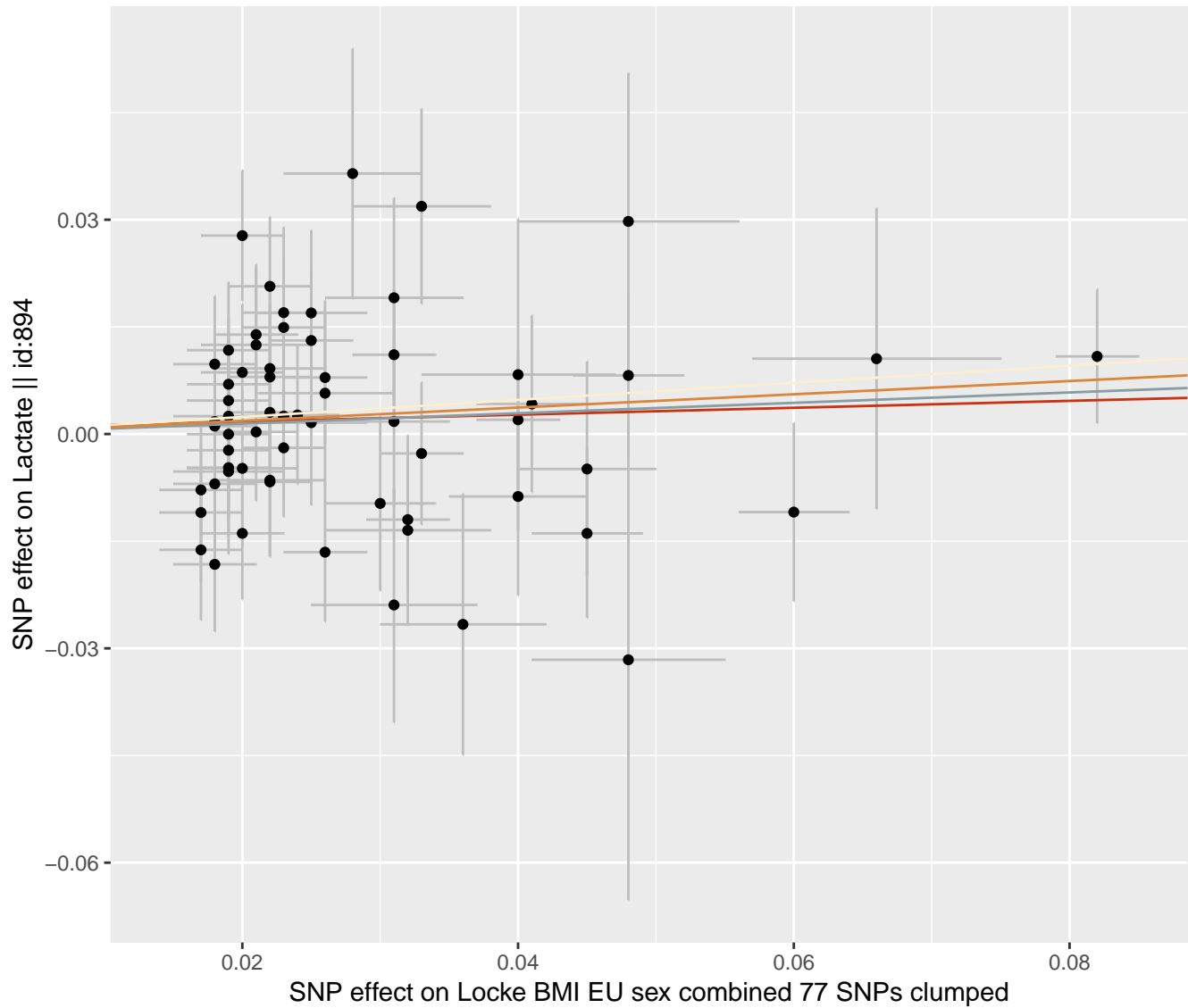
SNP effect on 18:2, linoleic acid (LA) || id:893

SNP effect on Locke BMI EU sex combined 77 SNPs clumped



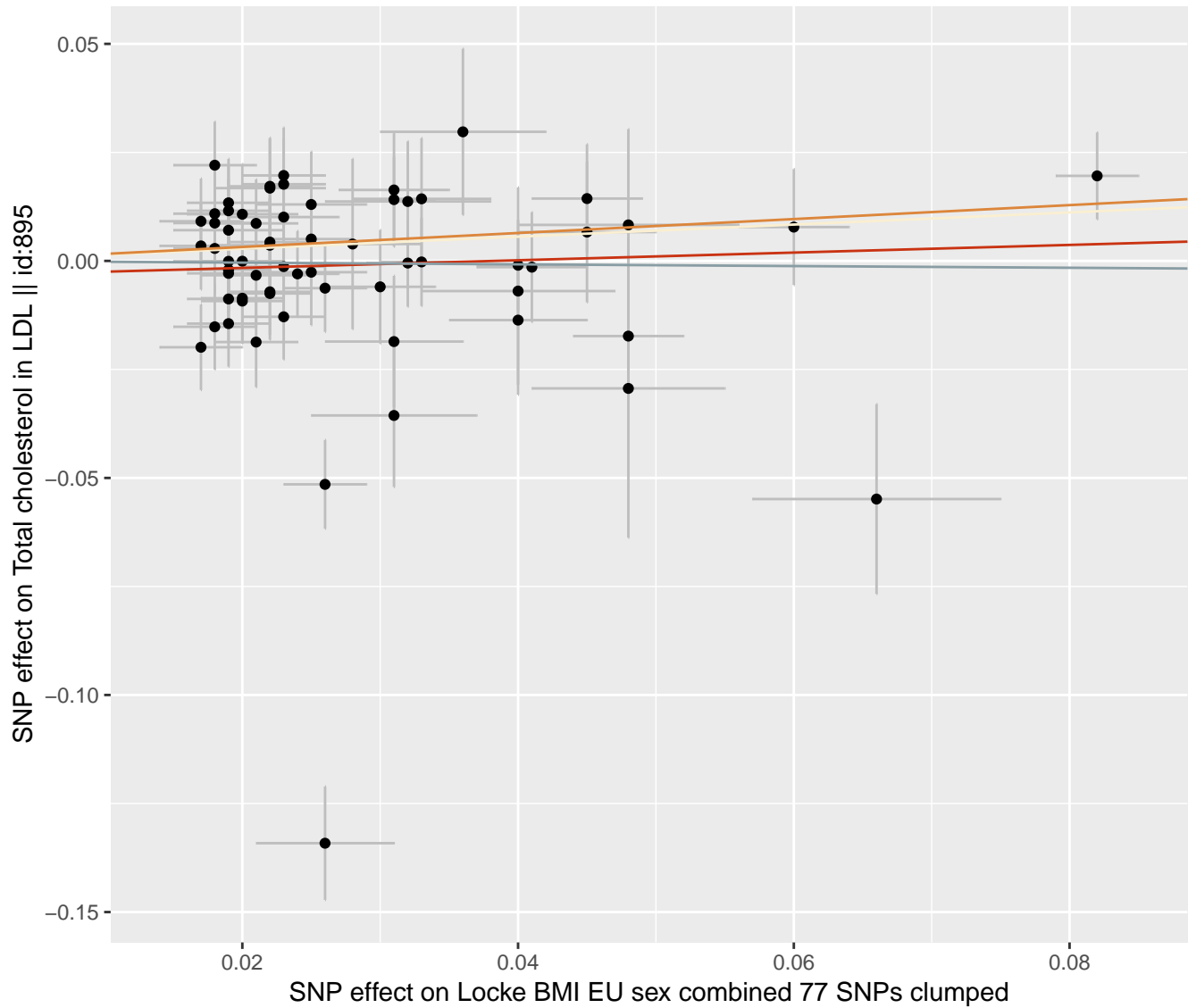
MR Test

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



MR Test

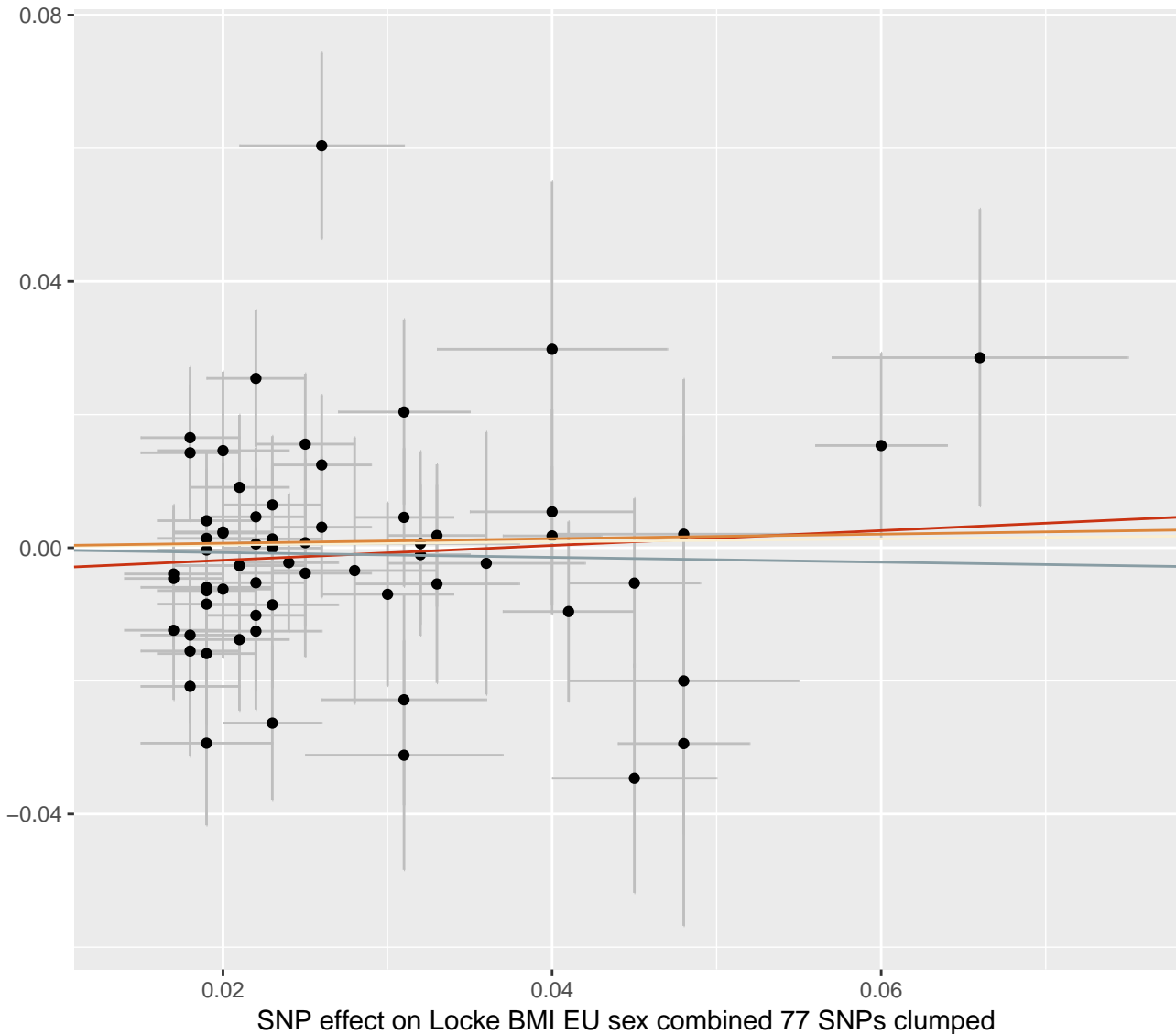
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

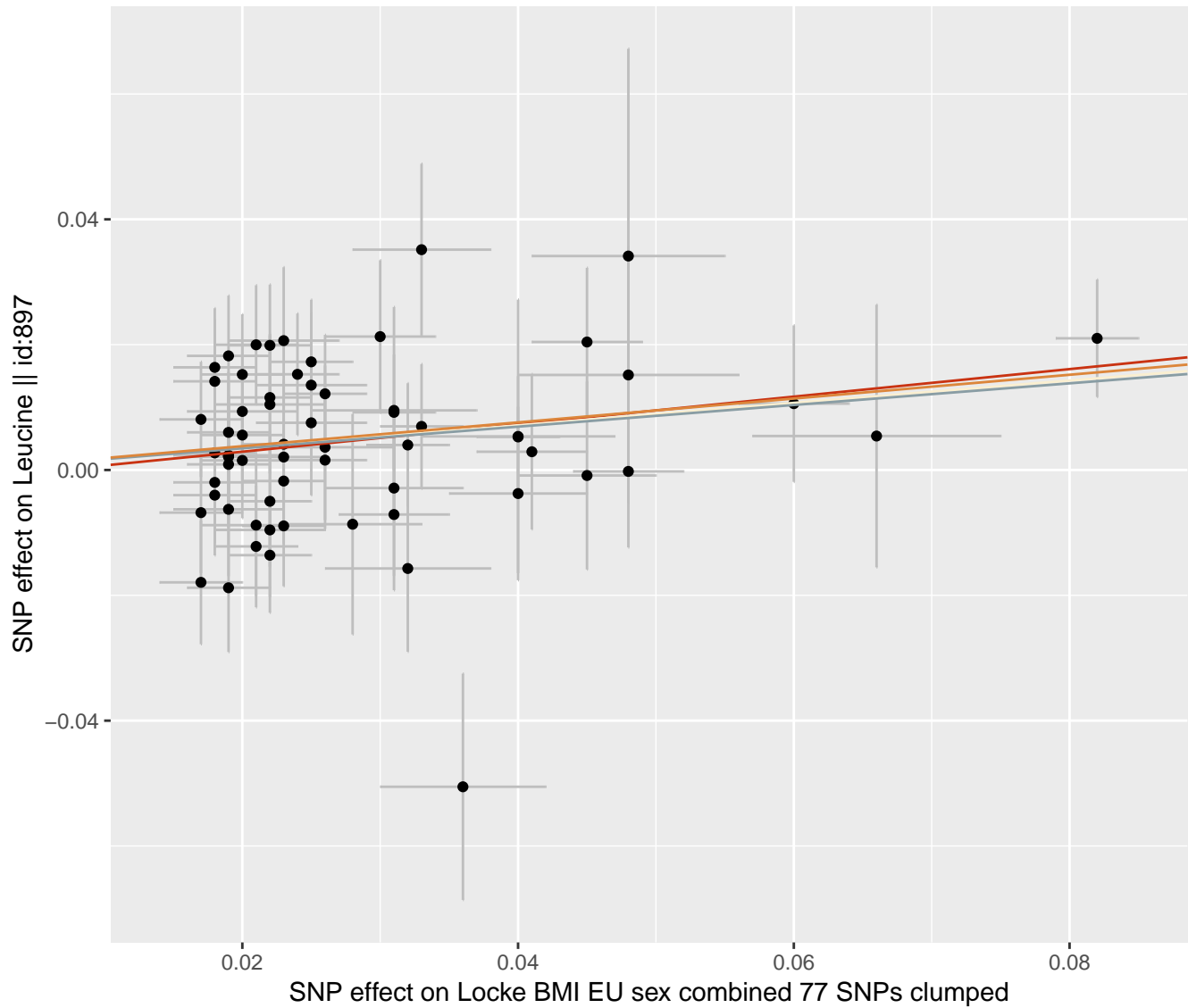
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



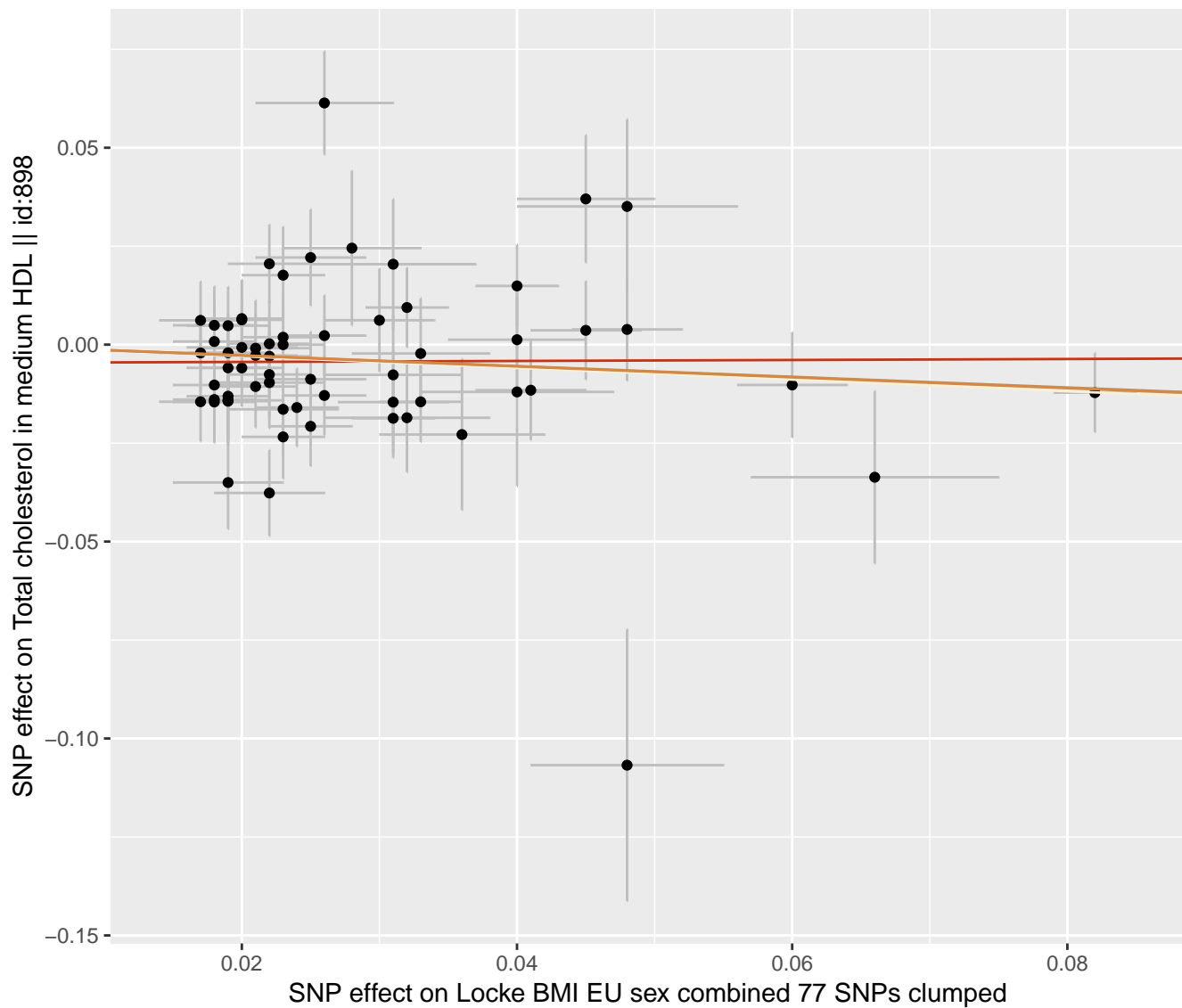
MR Test

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



MR Test

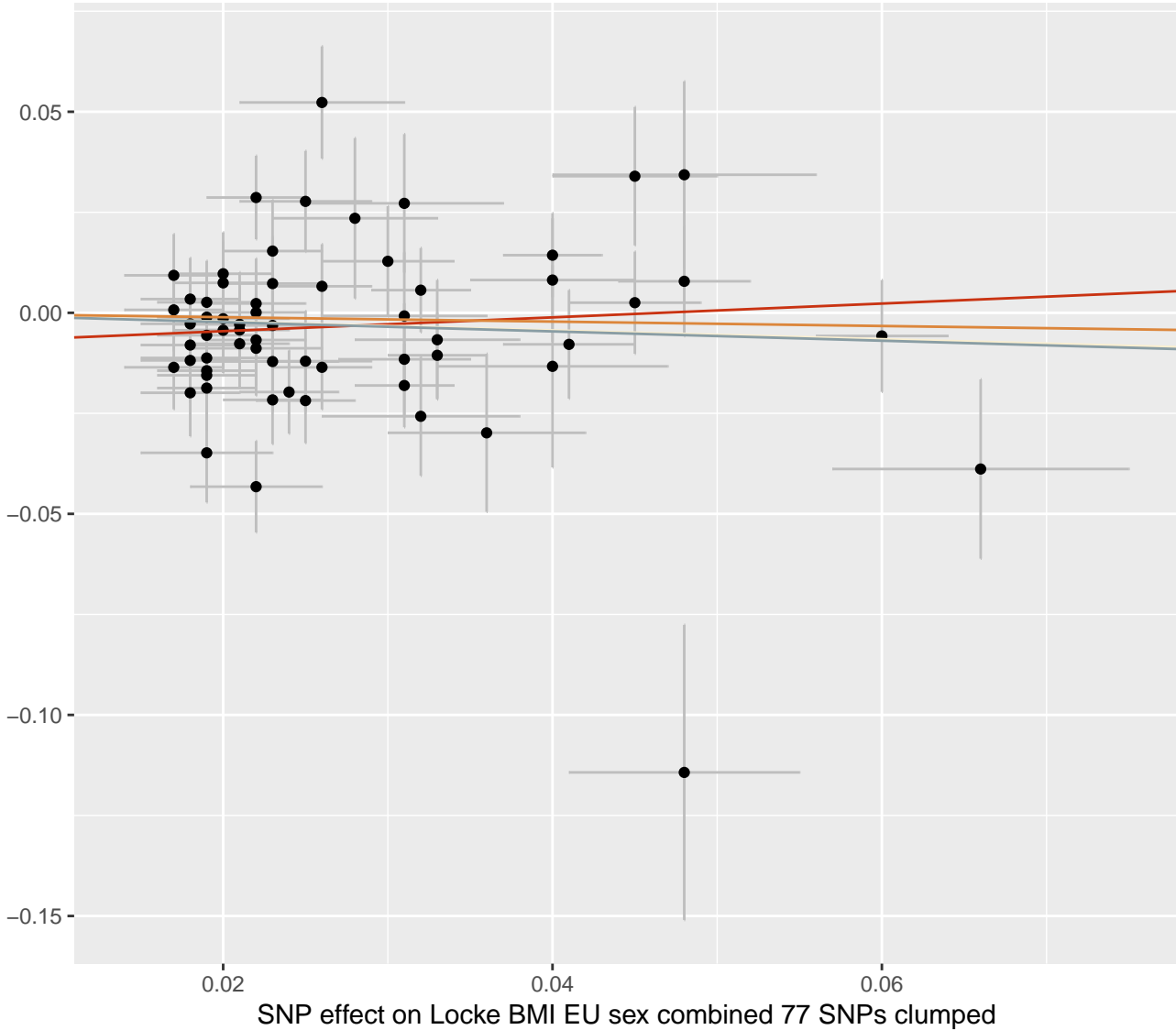
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

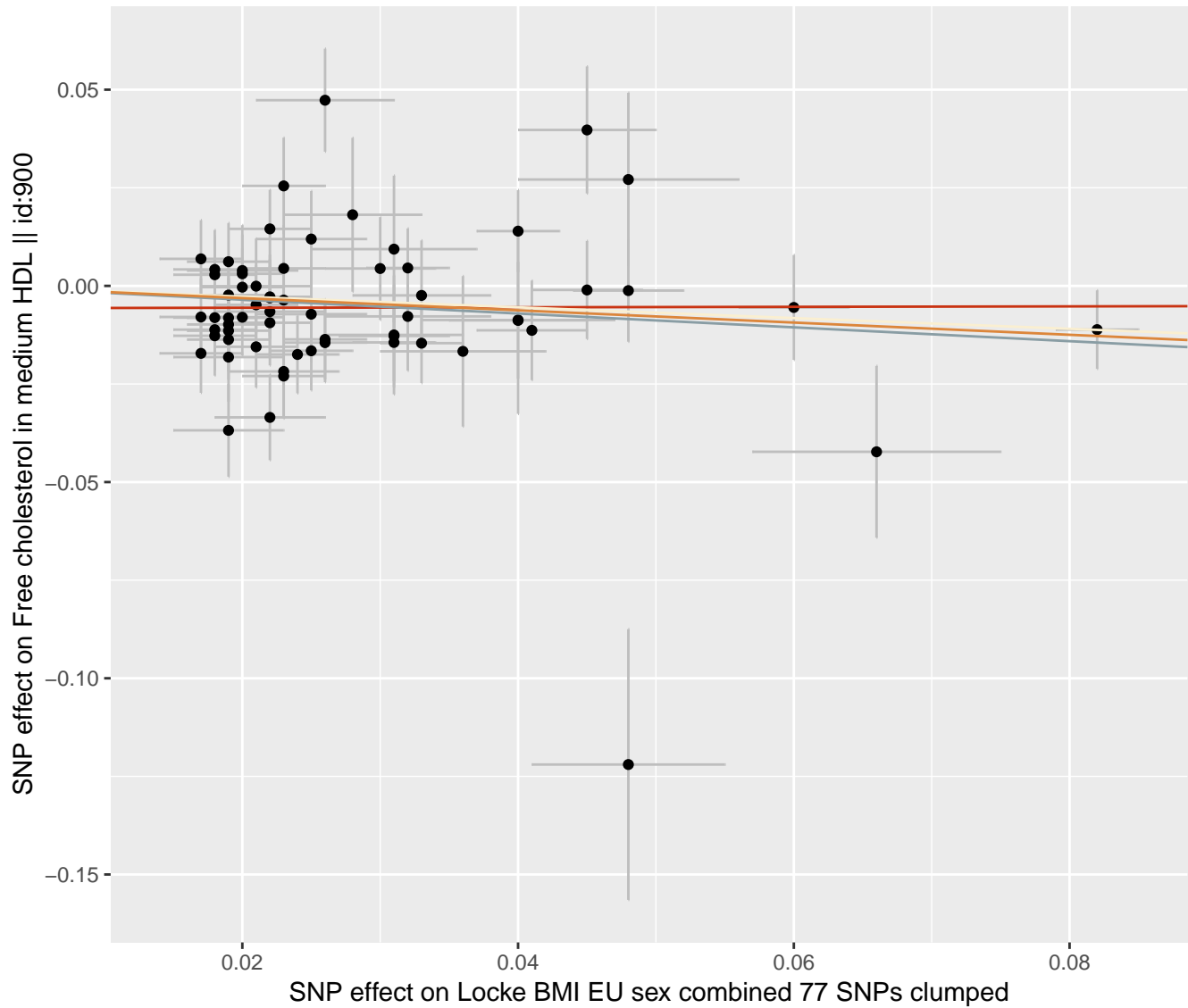
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



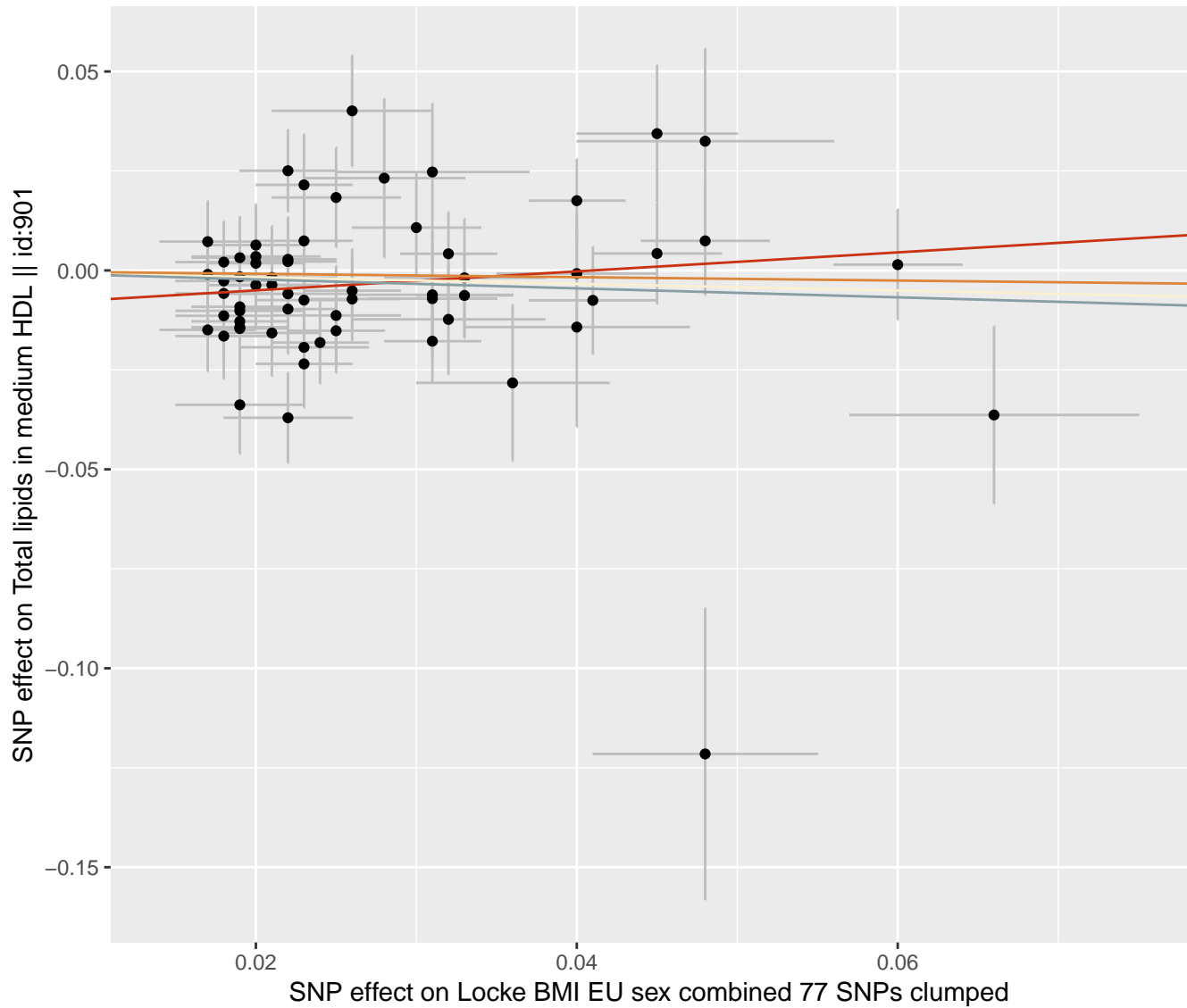
MR Test

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



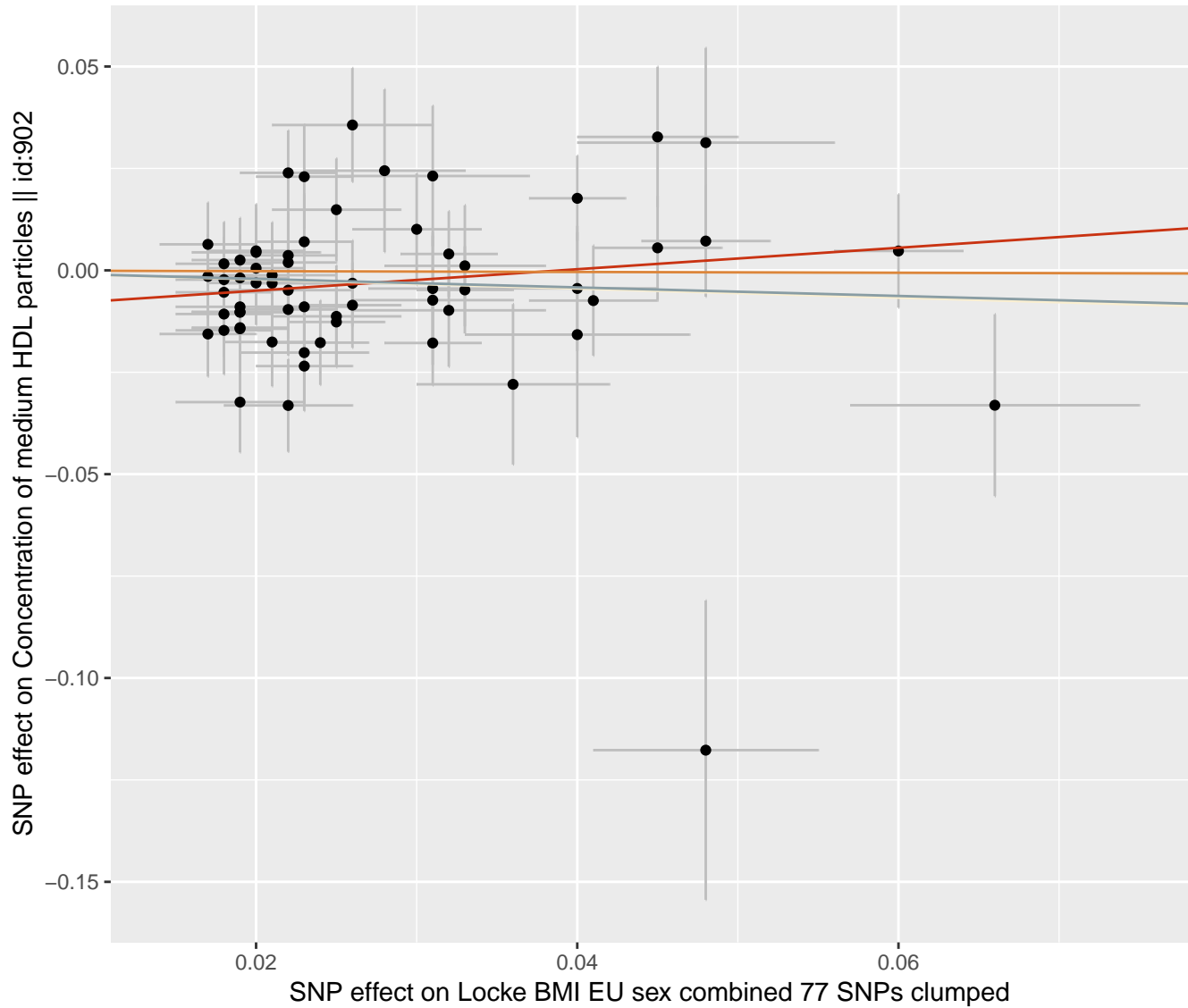
MR Test

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



MR Test

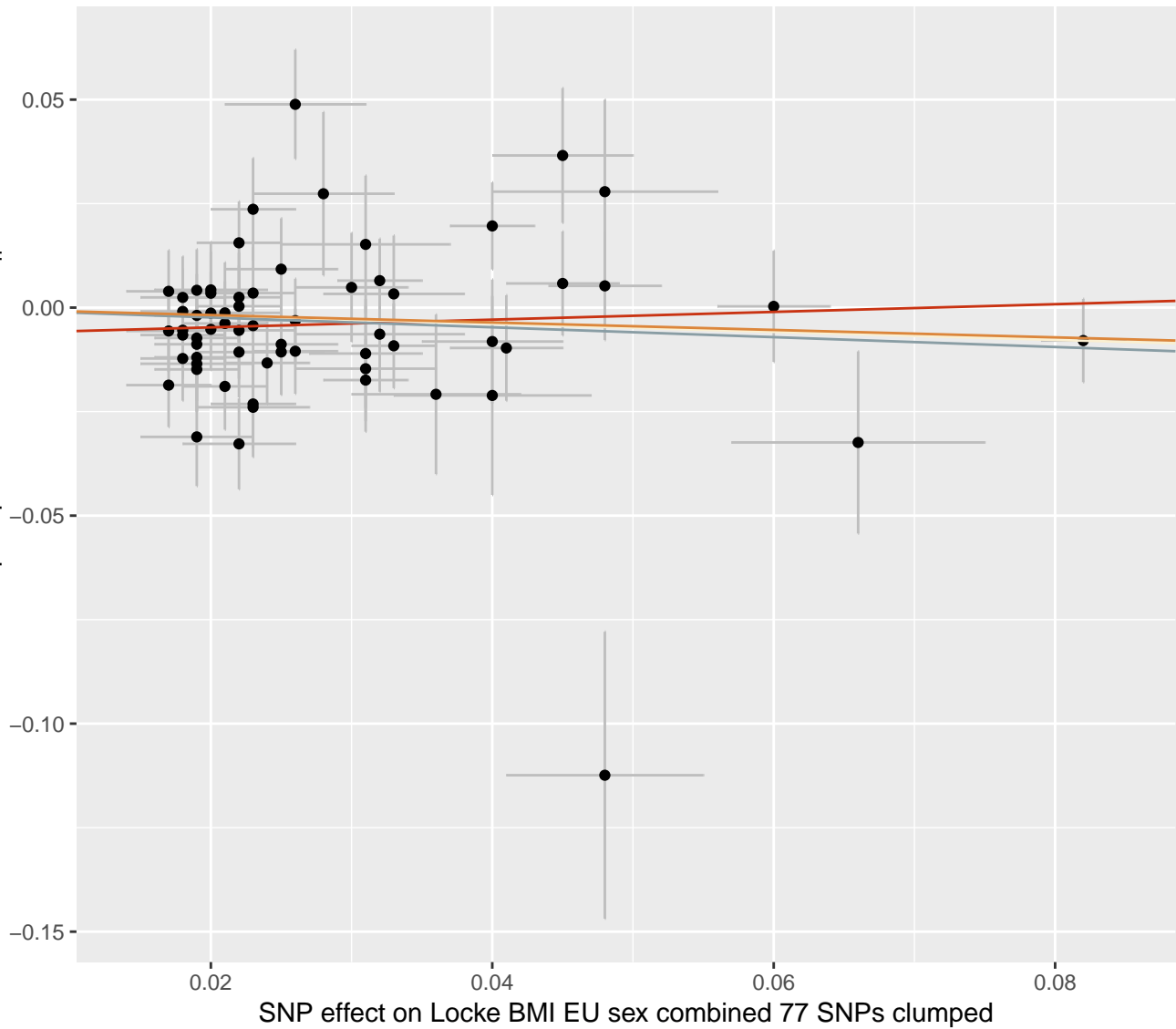
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

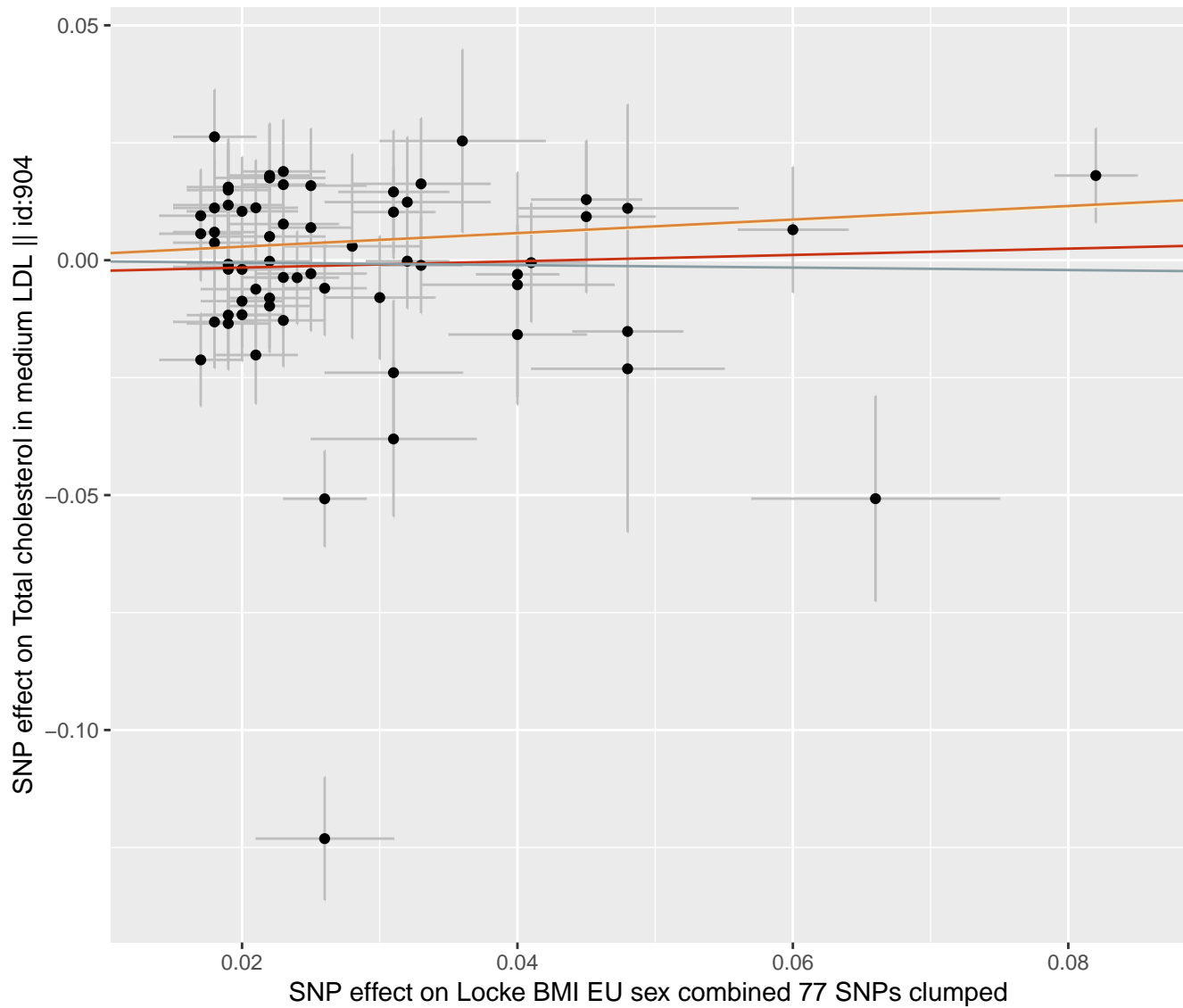
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Phospholipids in medium HDL || id:903



MR Test

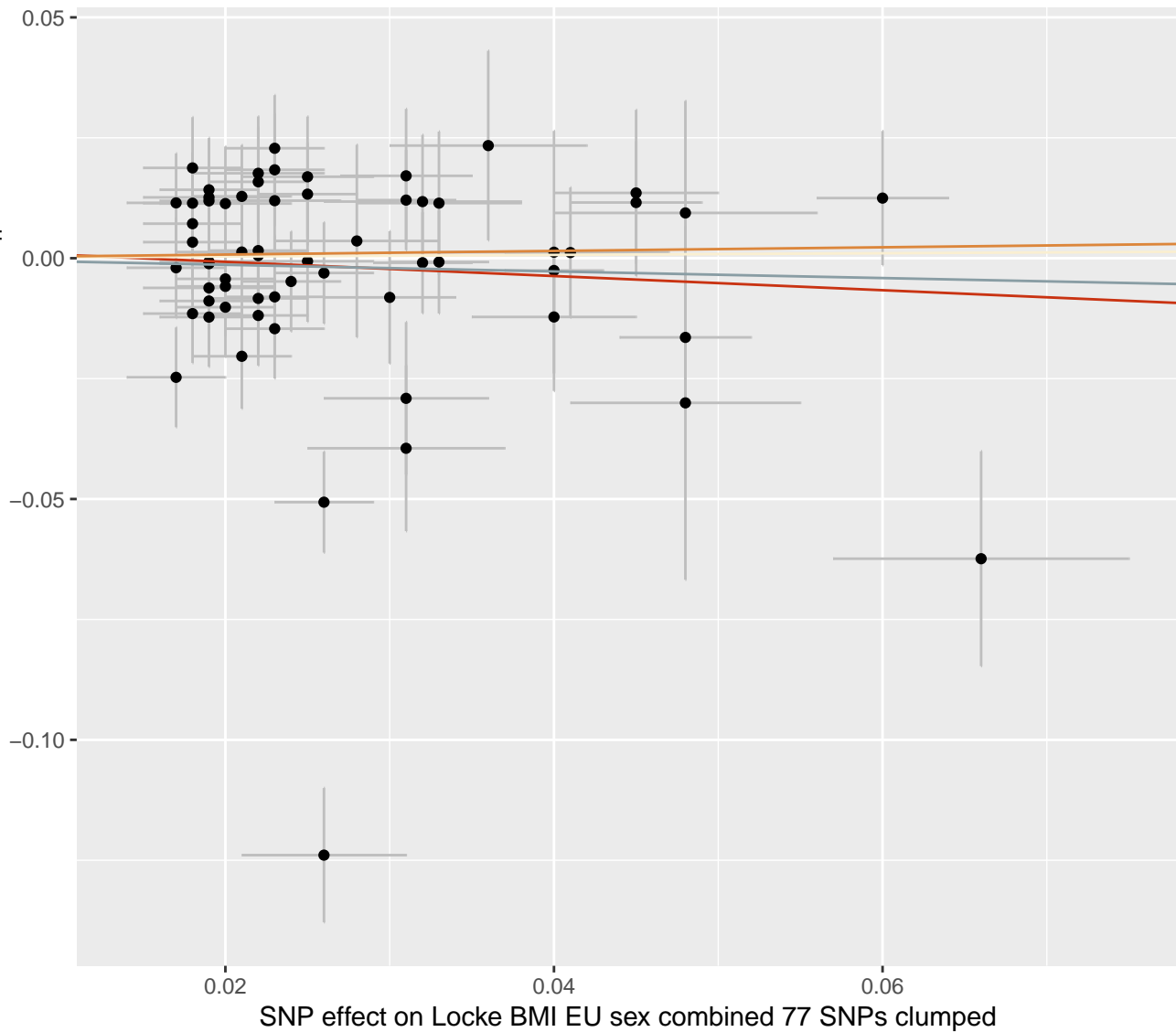
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

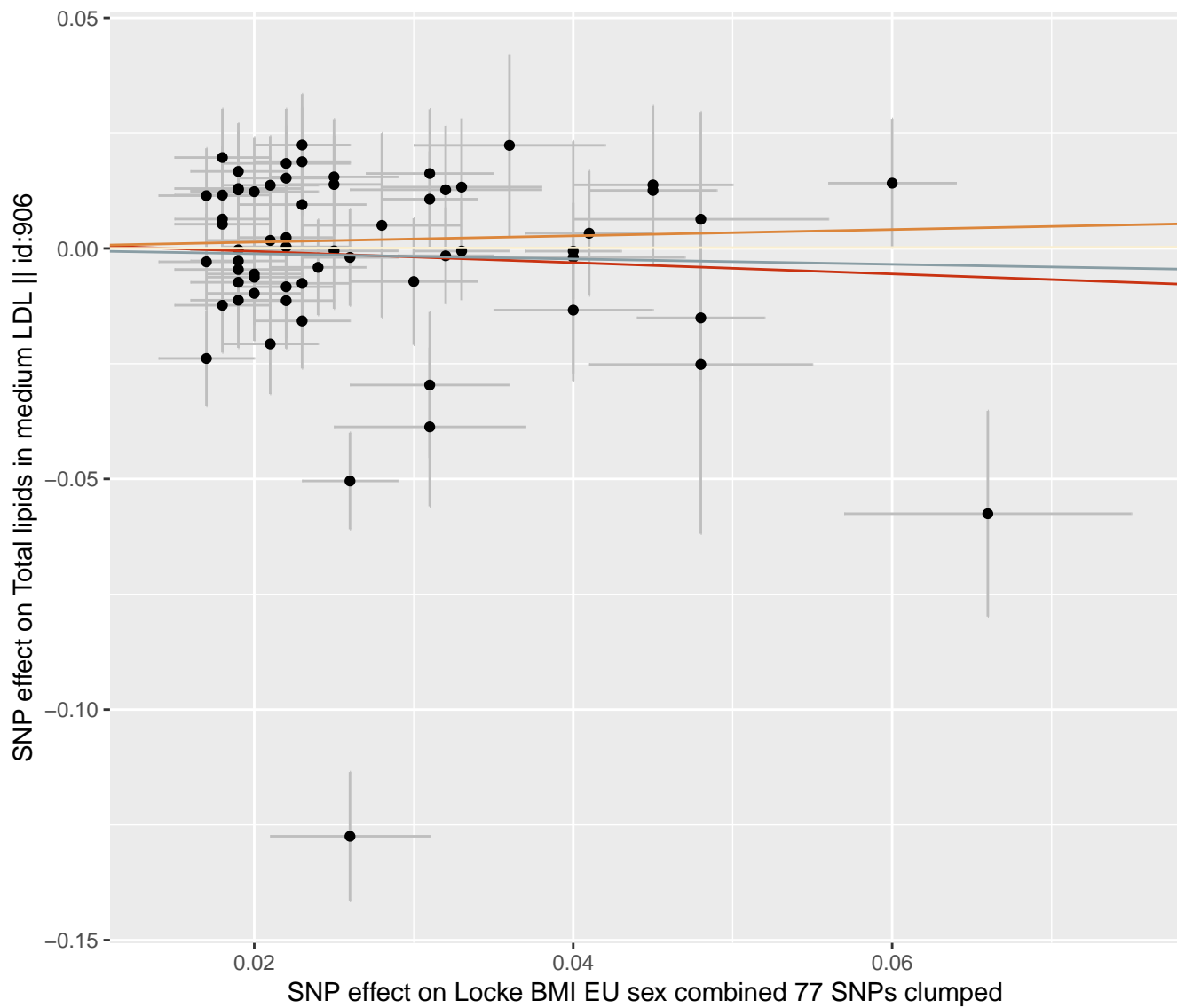
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



MR Test

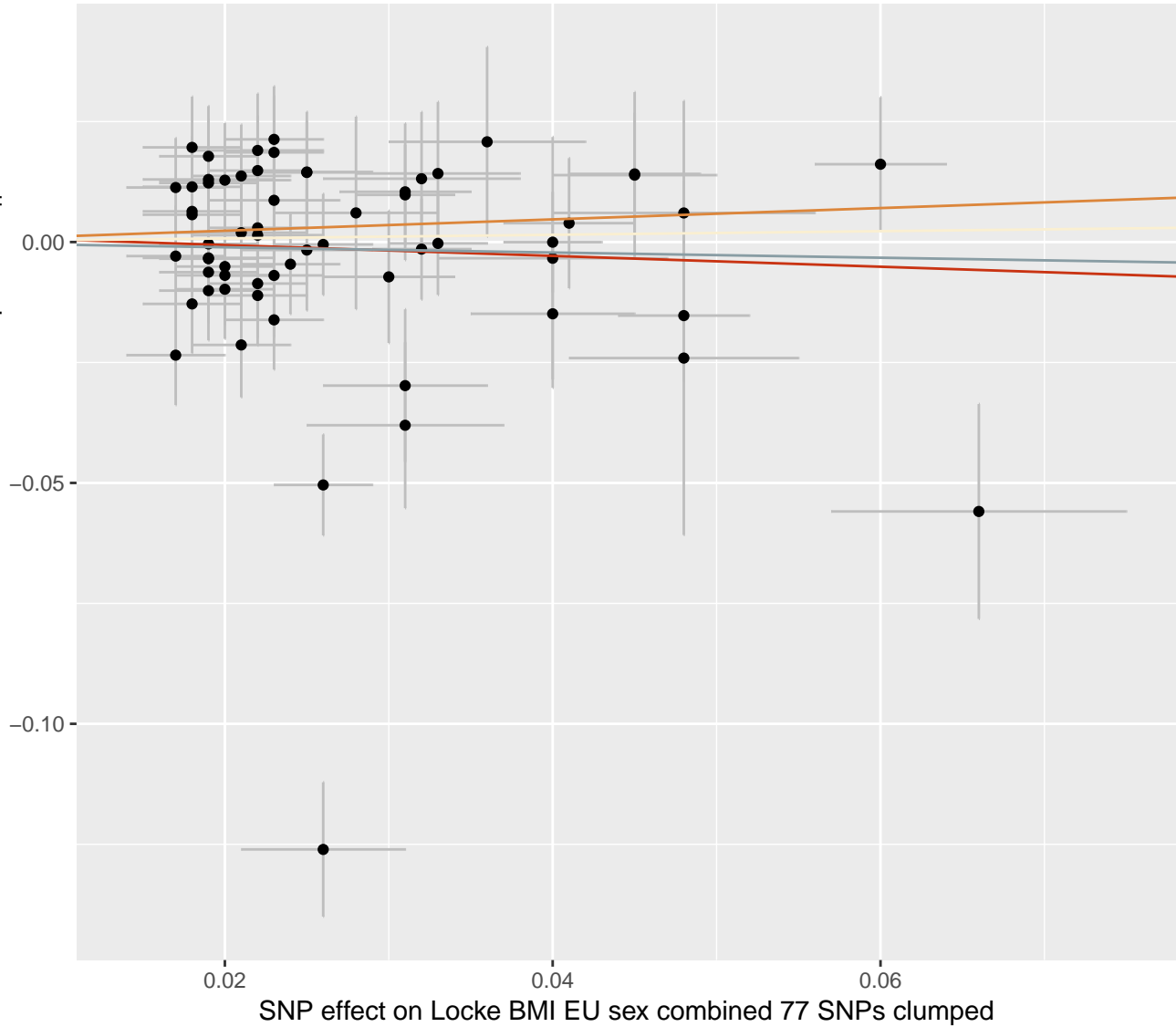
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

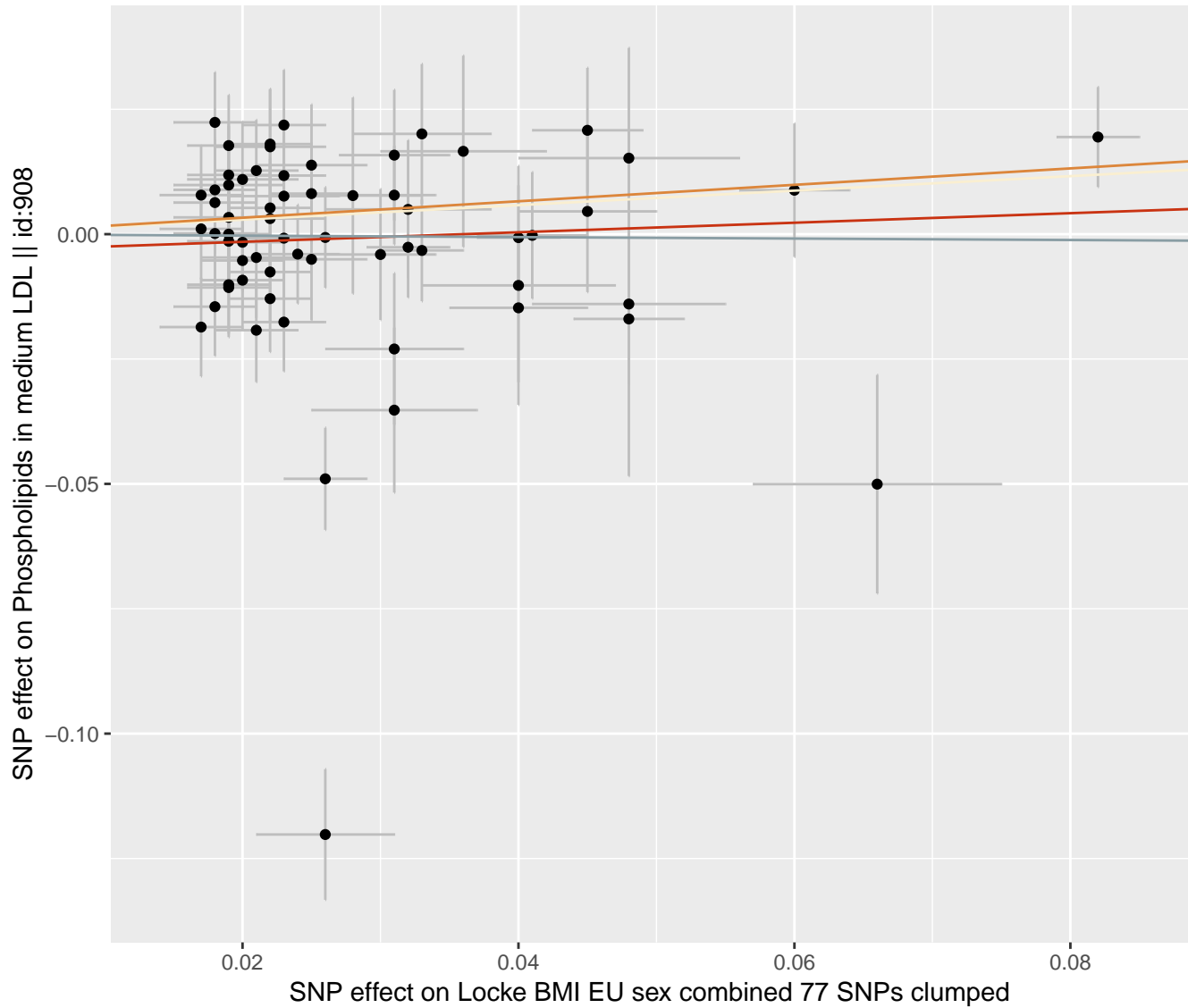
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Concentration of medium LDL particles || id:907



MR Test

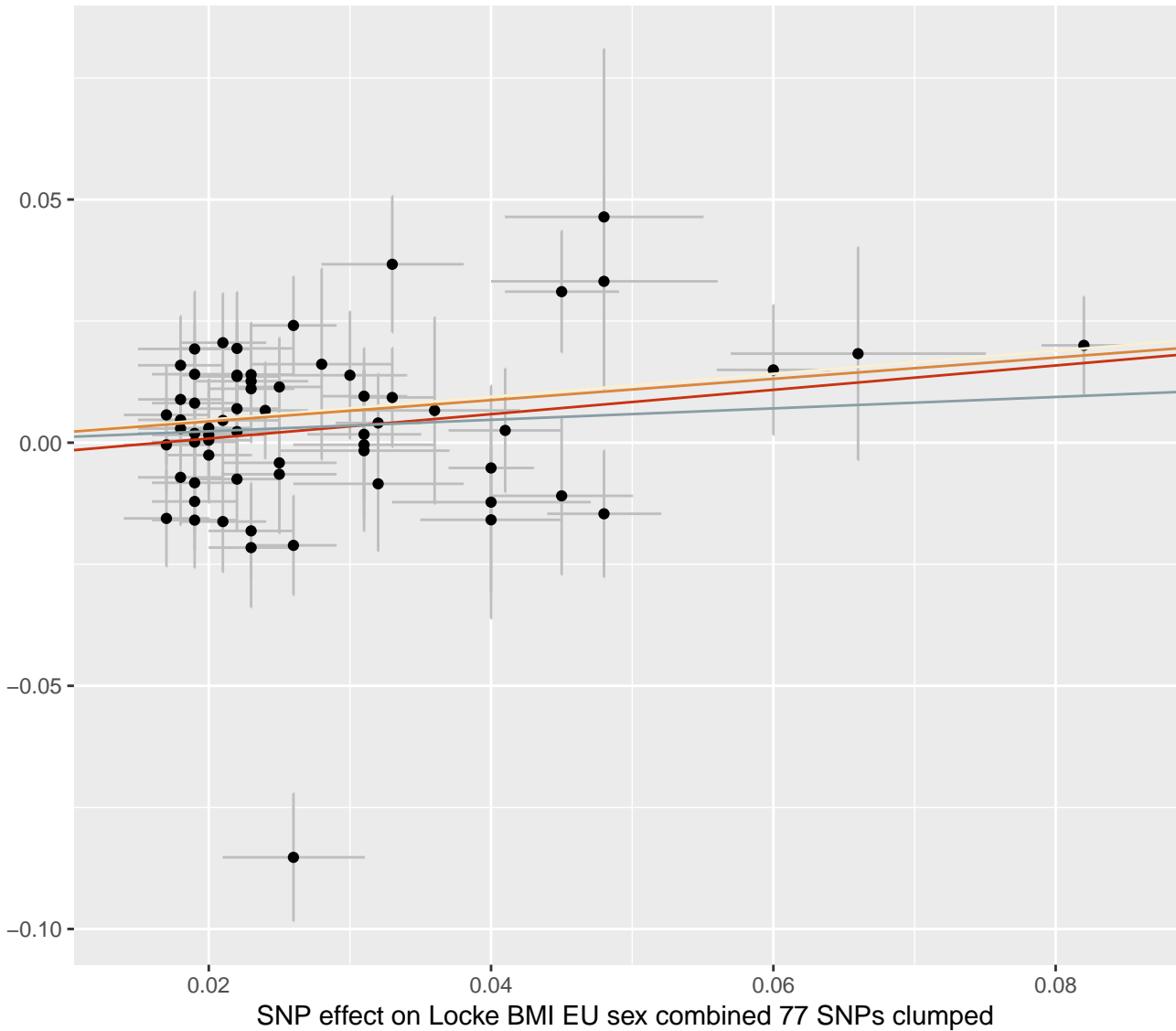
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

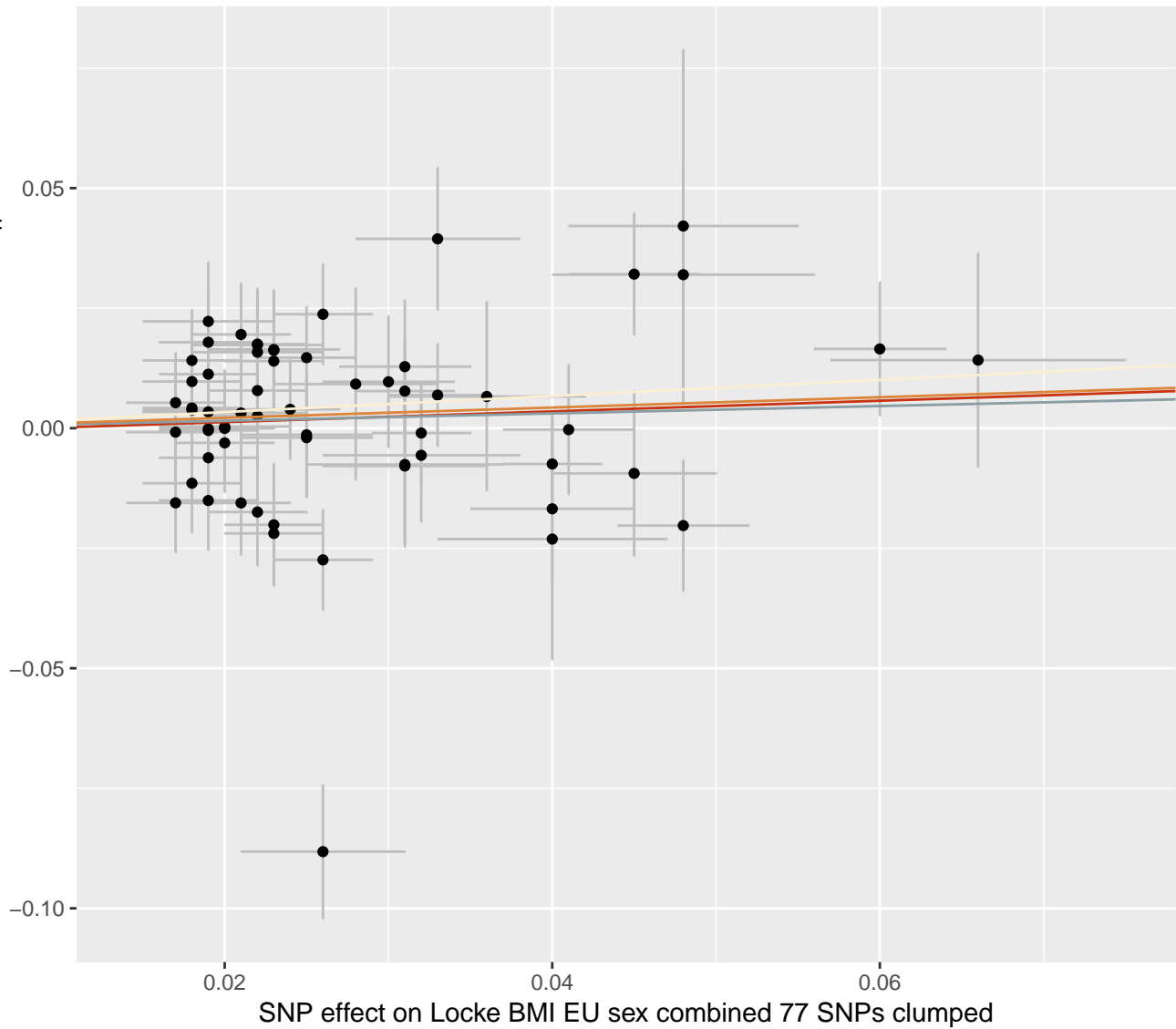
SNP effect on Total cholesterol in medium VLDL || id:909



MR Test

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

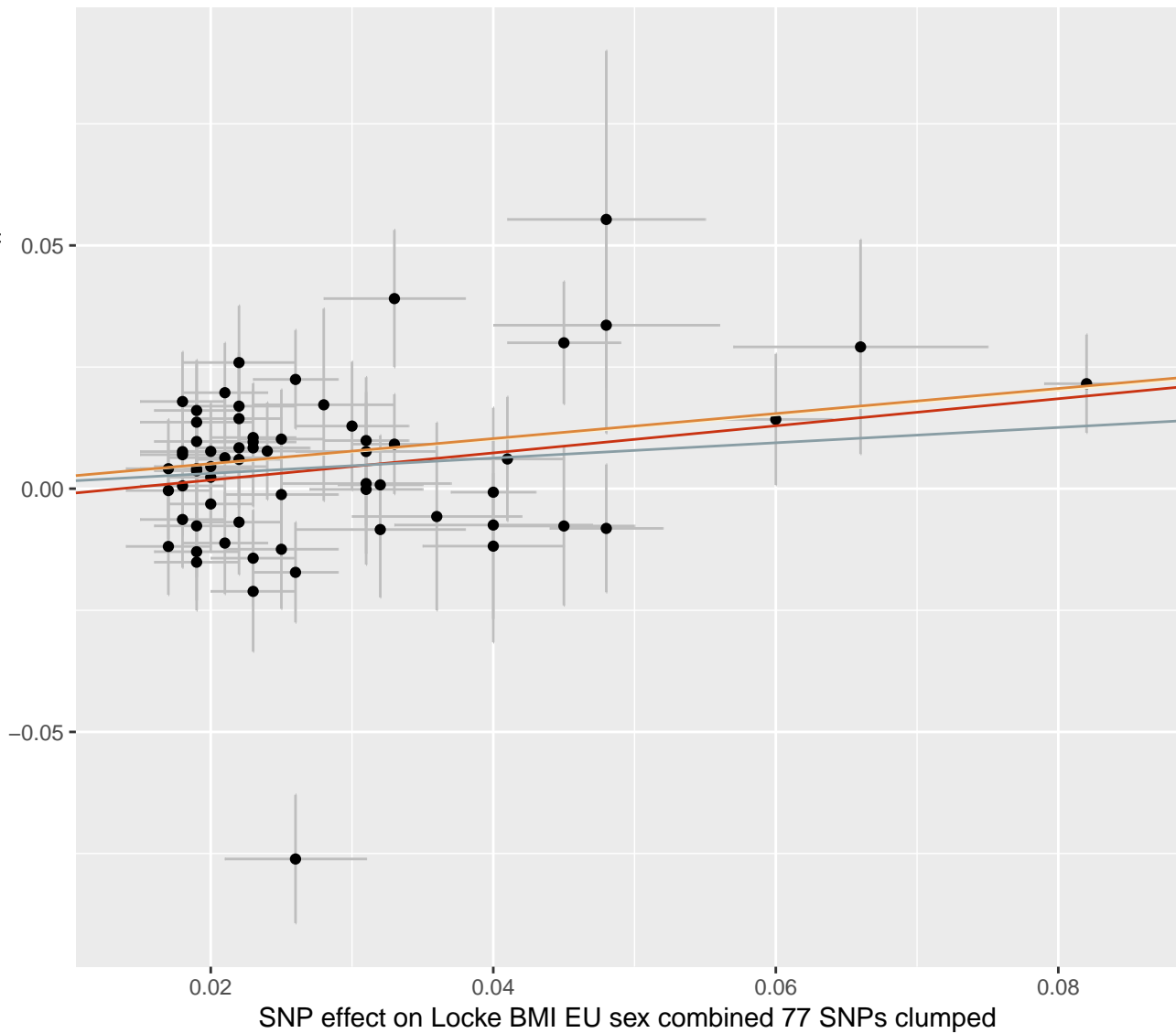
SNP effect on Cholesterol esters in medium VLDL || id:910



MR Test

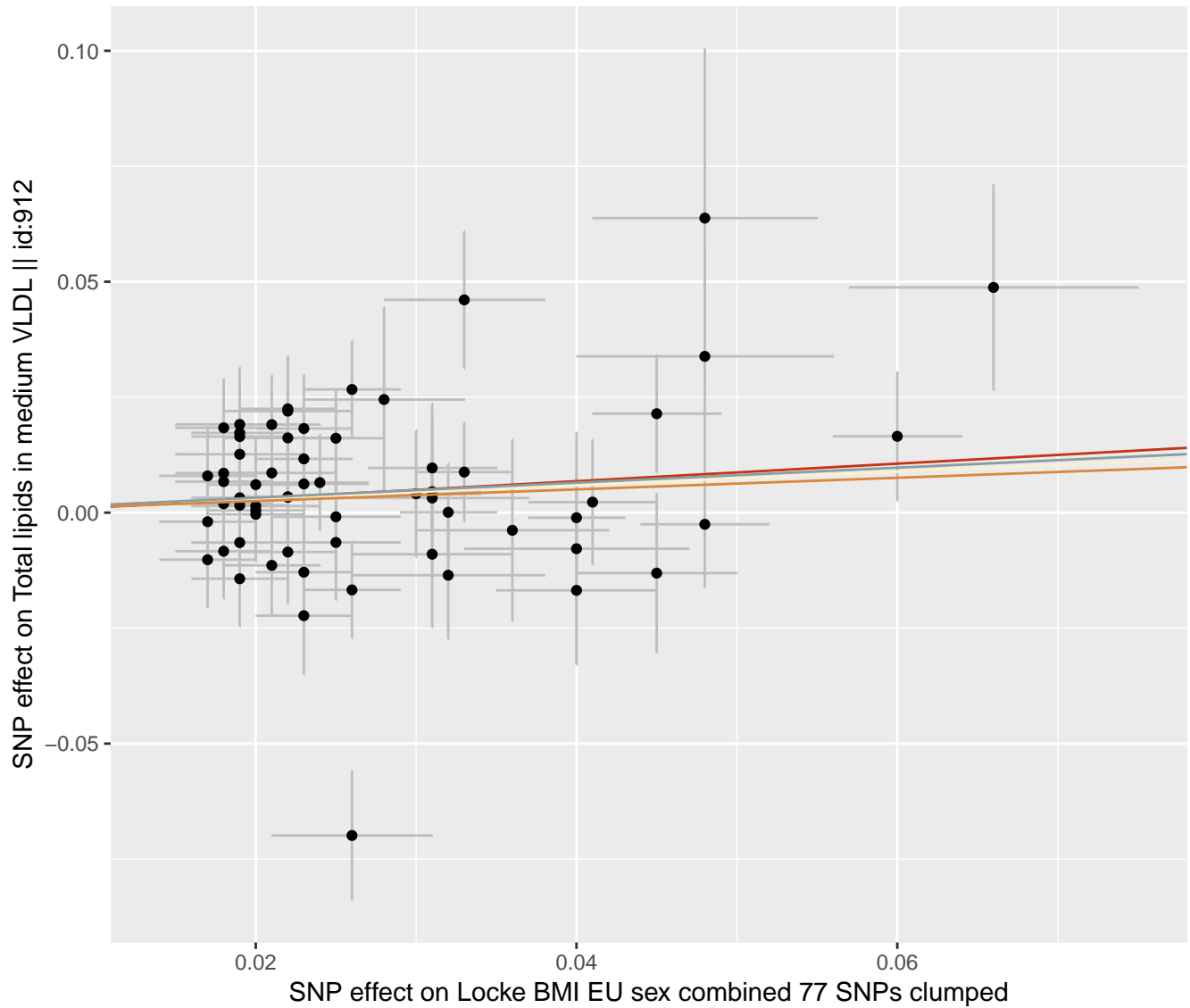
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Free cholesterol in medium VLDL || id:911



MR Test

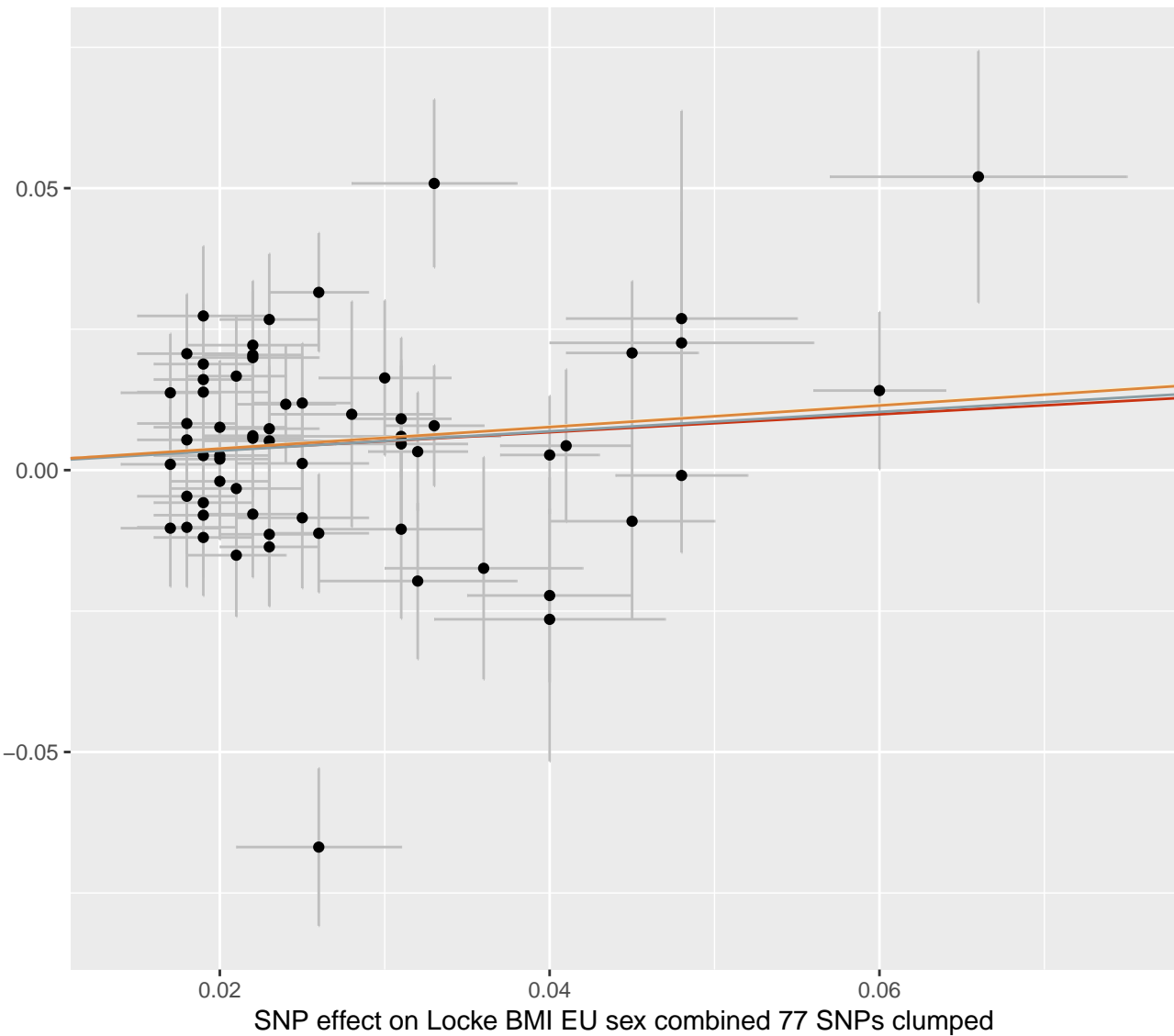
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

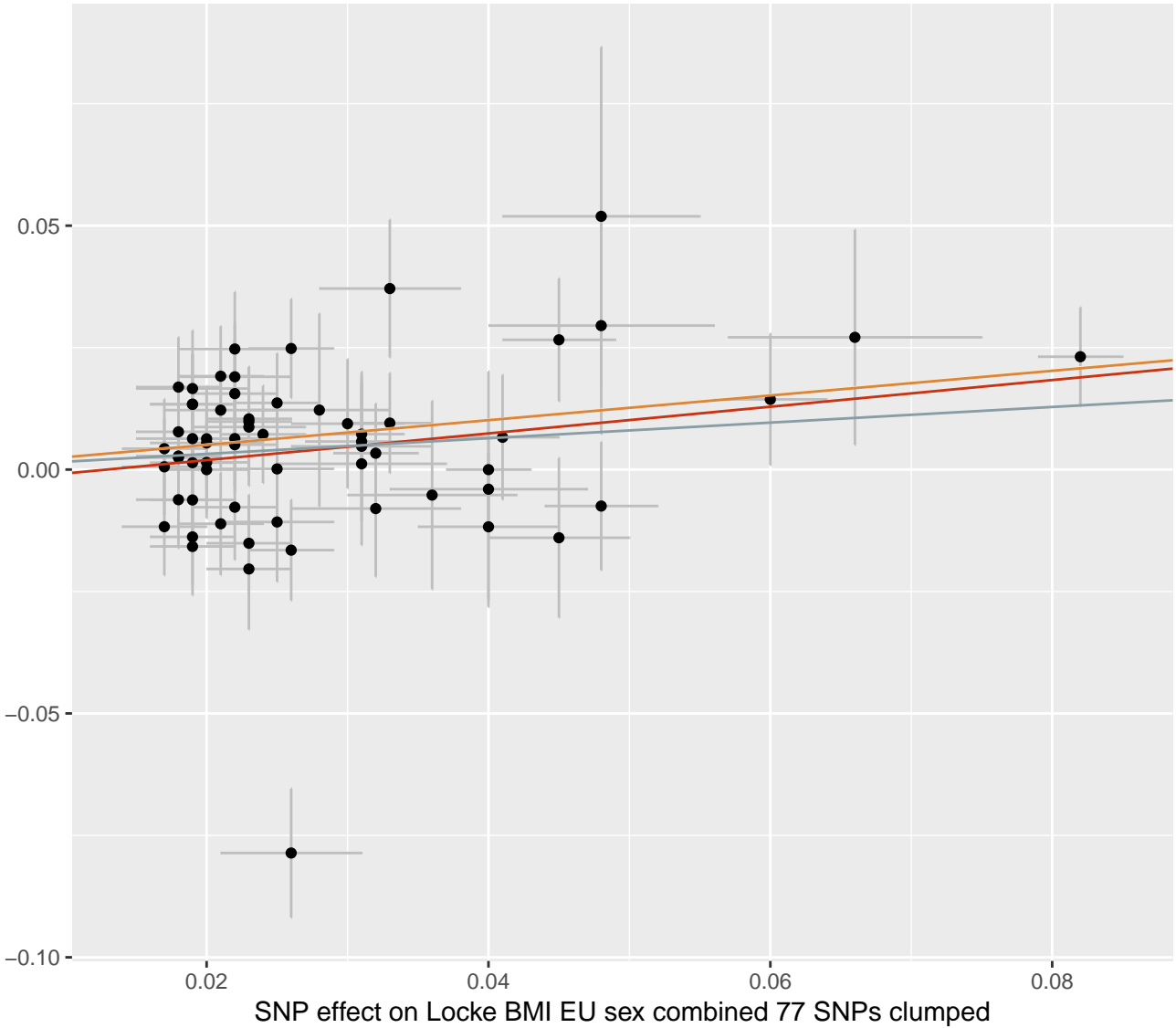
SNP effect on Concentration of medium VLDL particles || id:913



MR Test

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

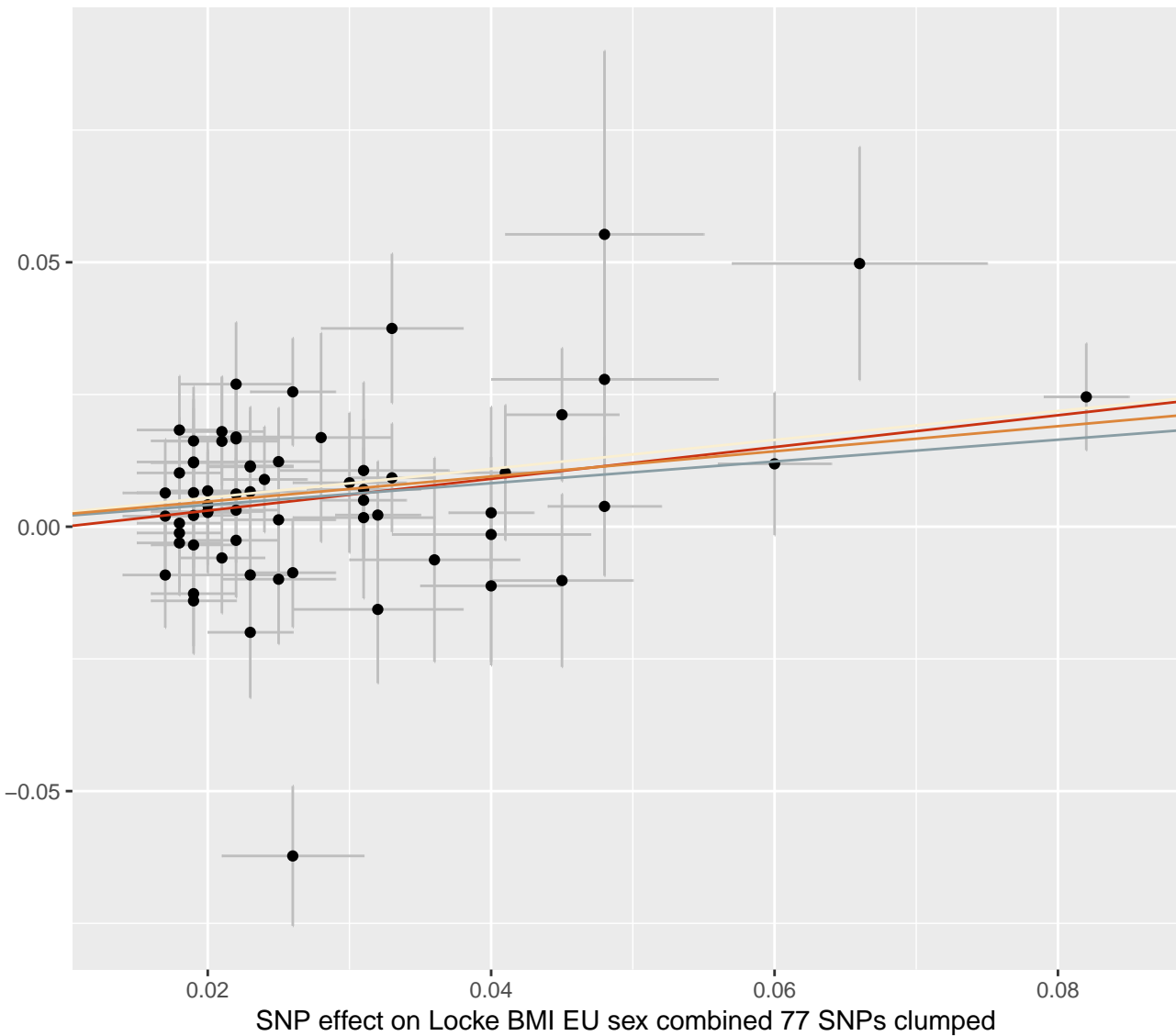
SNP effect on Phospholipids in medium VLDL || id:914



MR Test

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

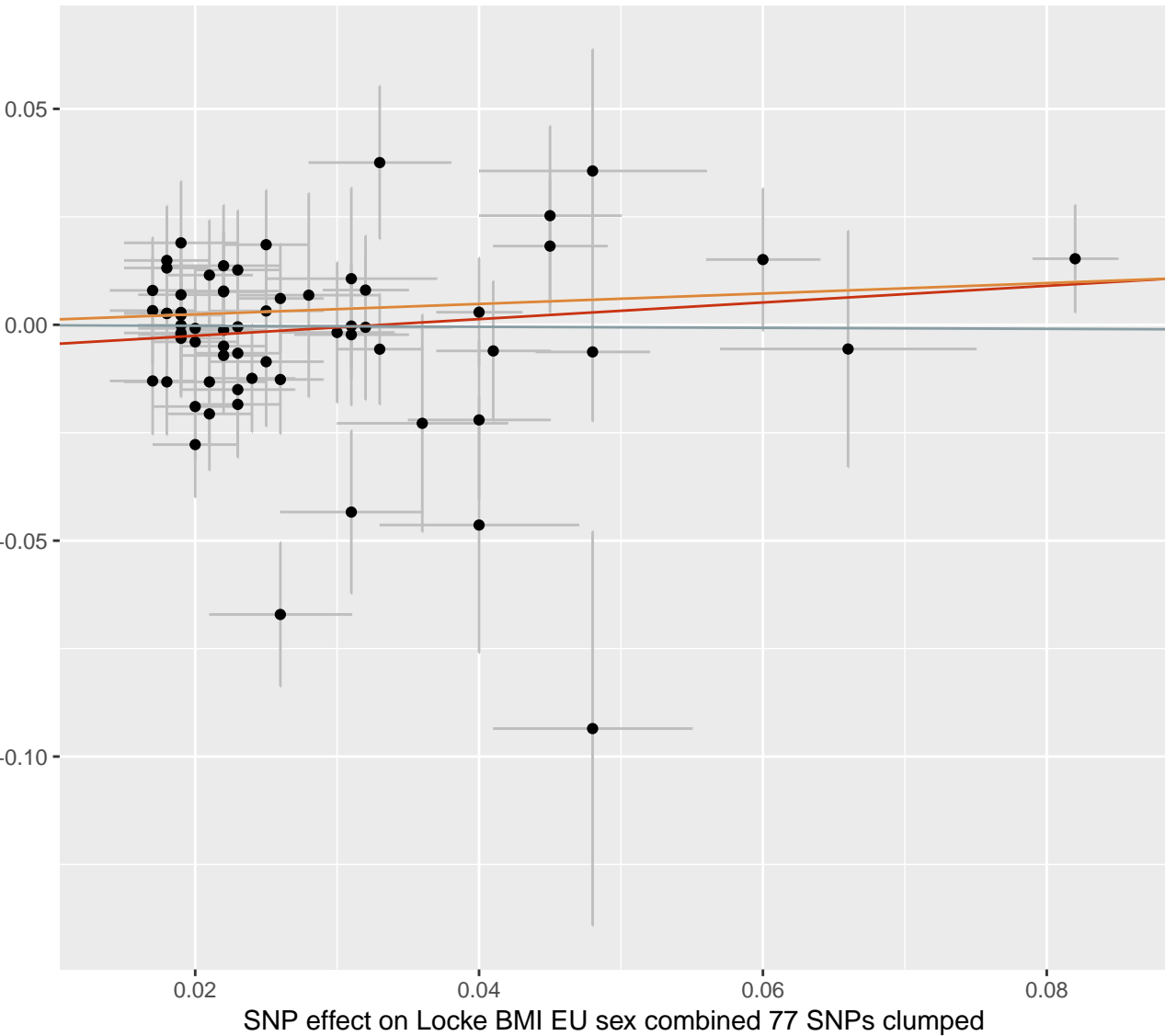
SNP effect on Triglycerides in medium VLDL || id:915



MR Test

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

SNP effect on Mono-unsaturated fatty acids || id:916

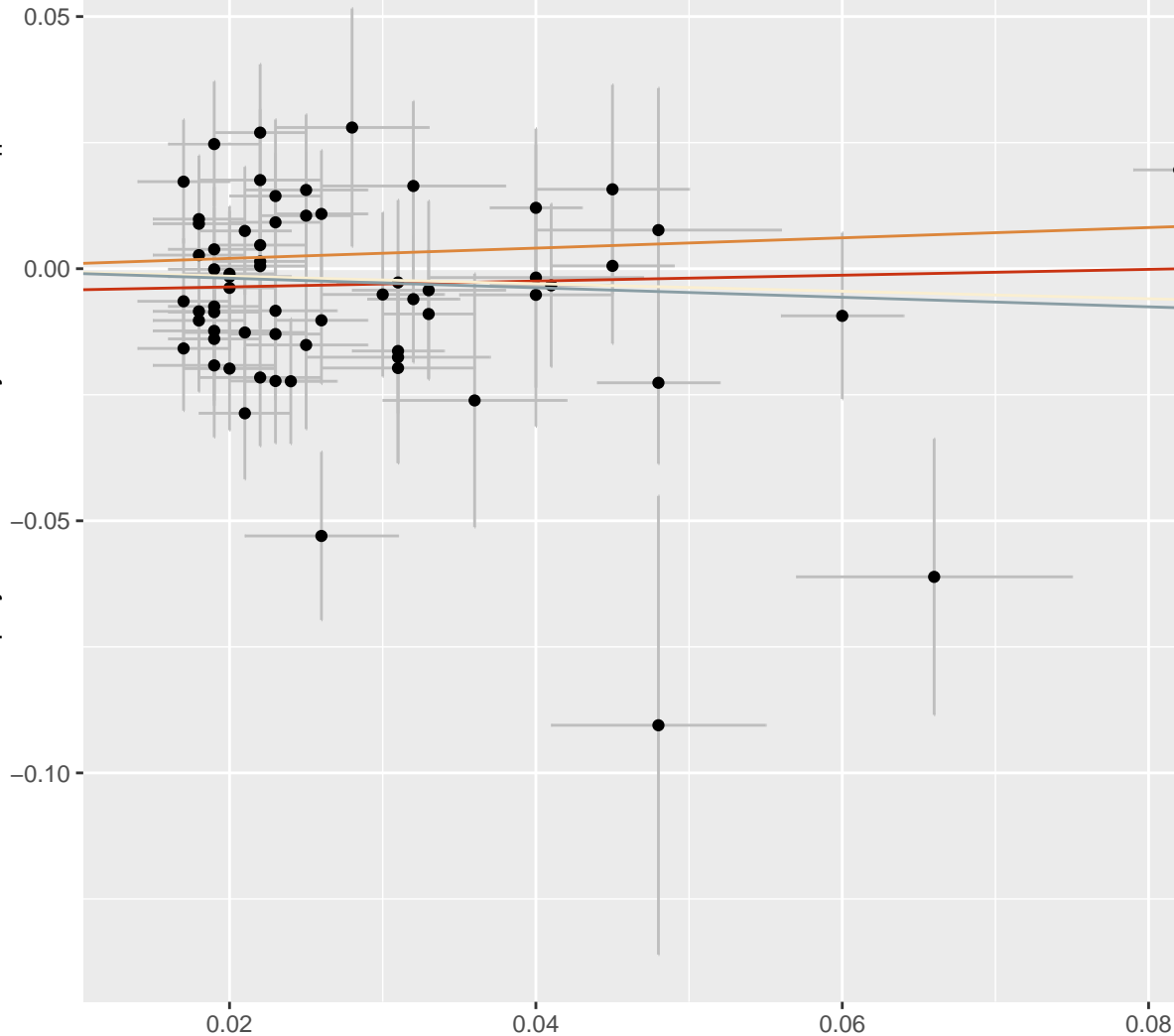


MR Test

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

SNP effect on Other polyunsaturated fatty acids than 18:2 || id:917

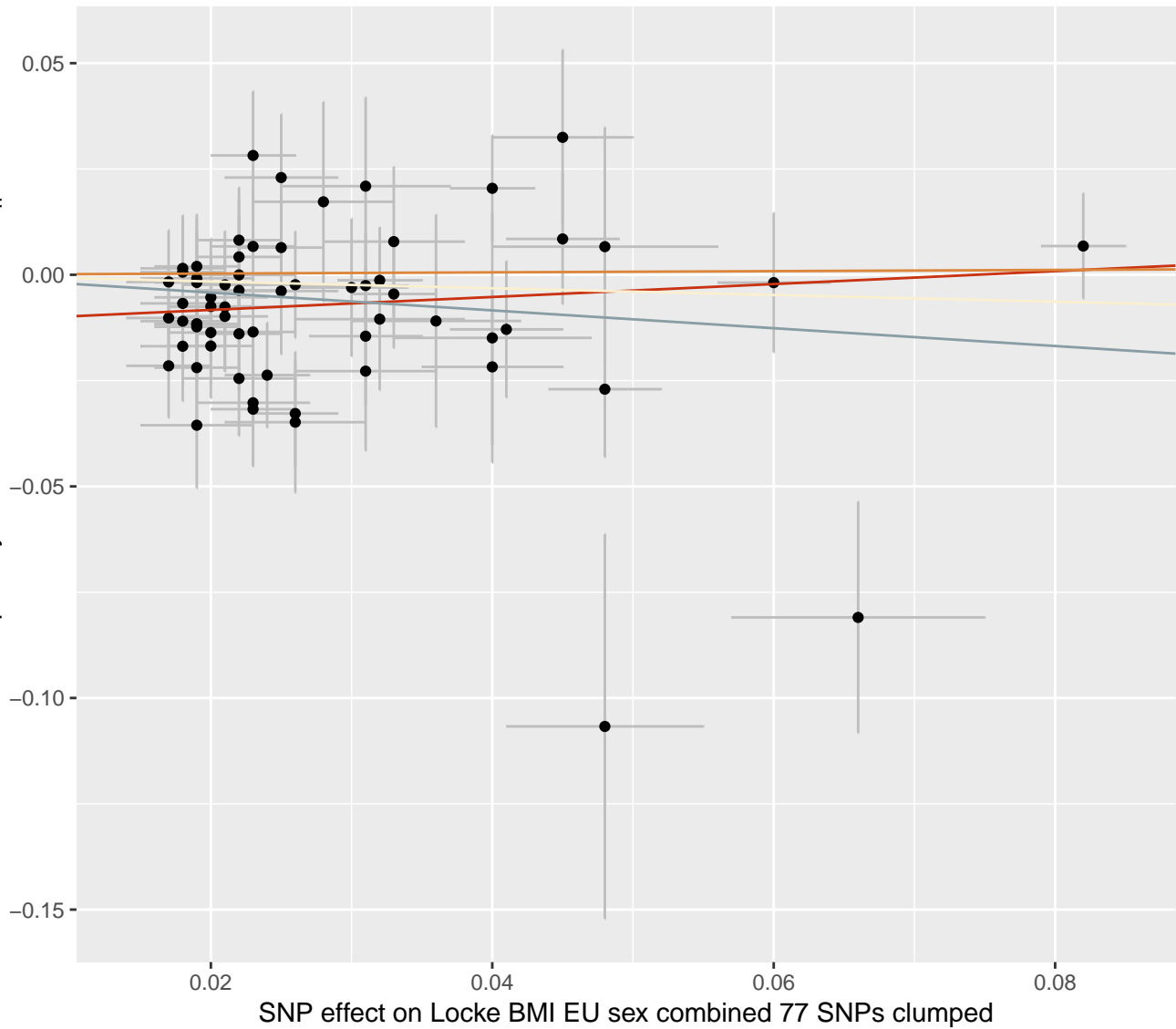
SNP effect on Locke BMI EU sex combined 77 SNPs clumped



MR Test

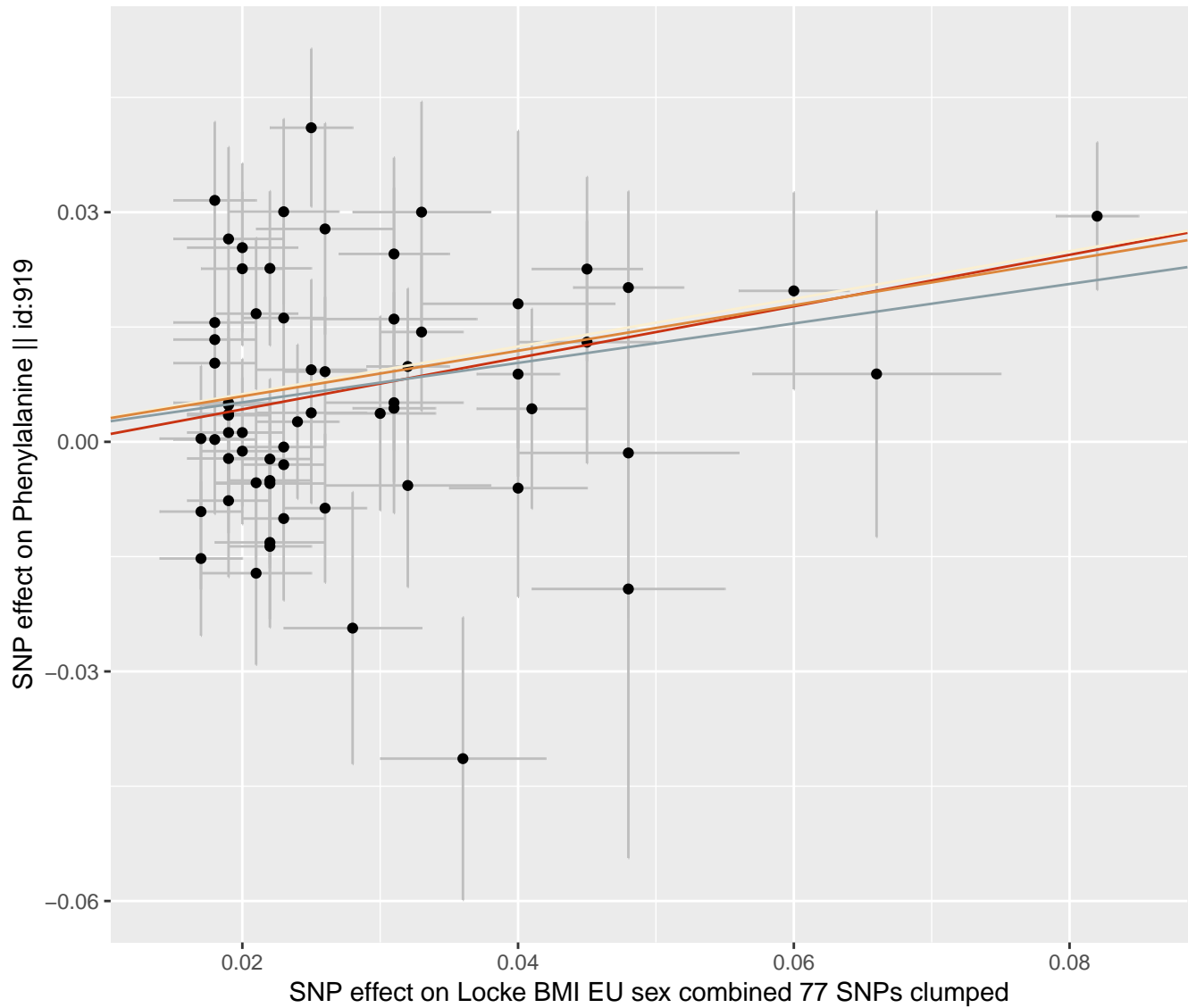
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



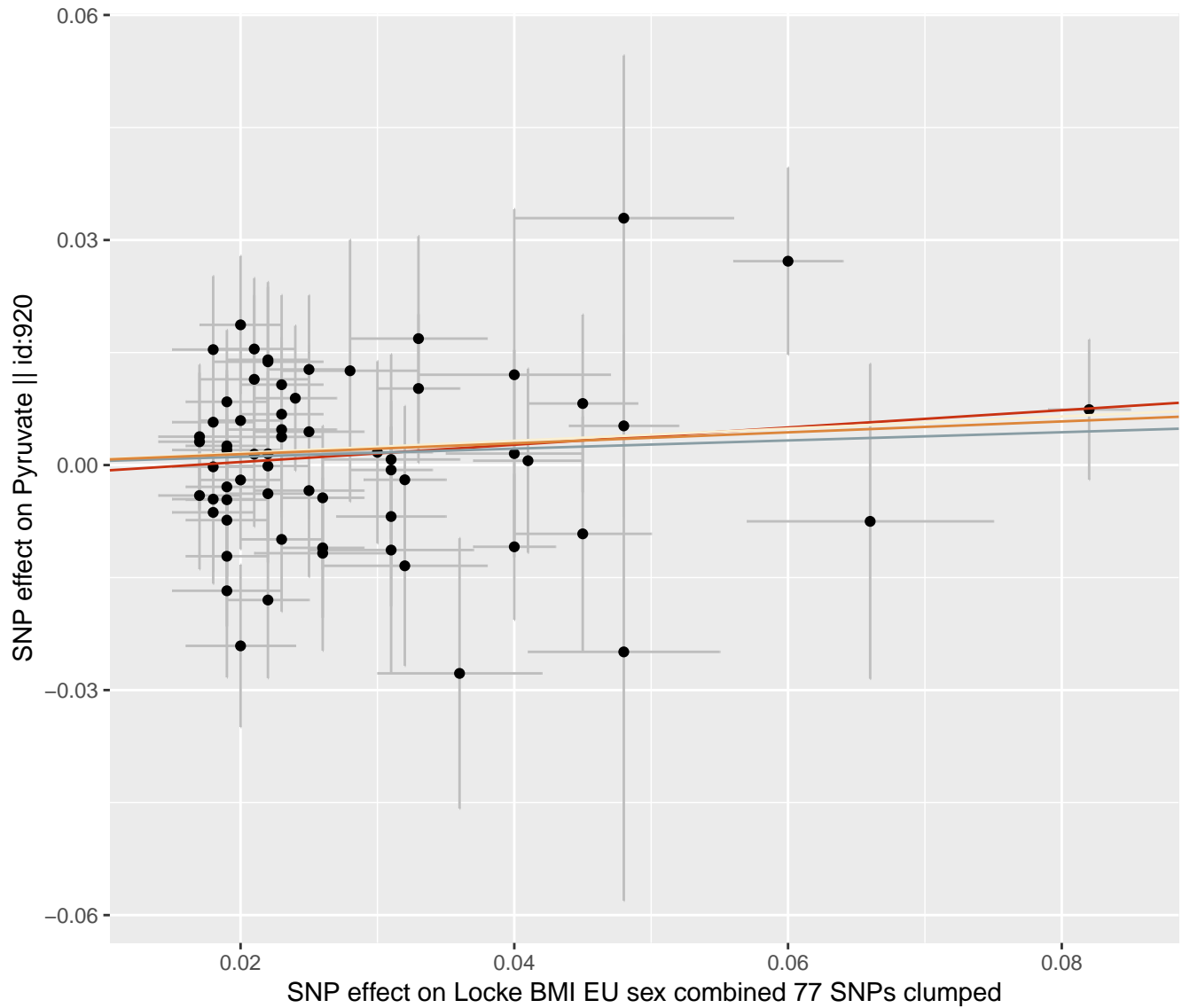
MR Test

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



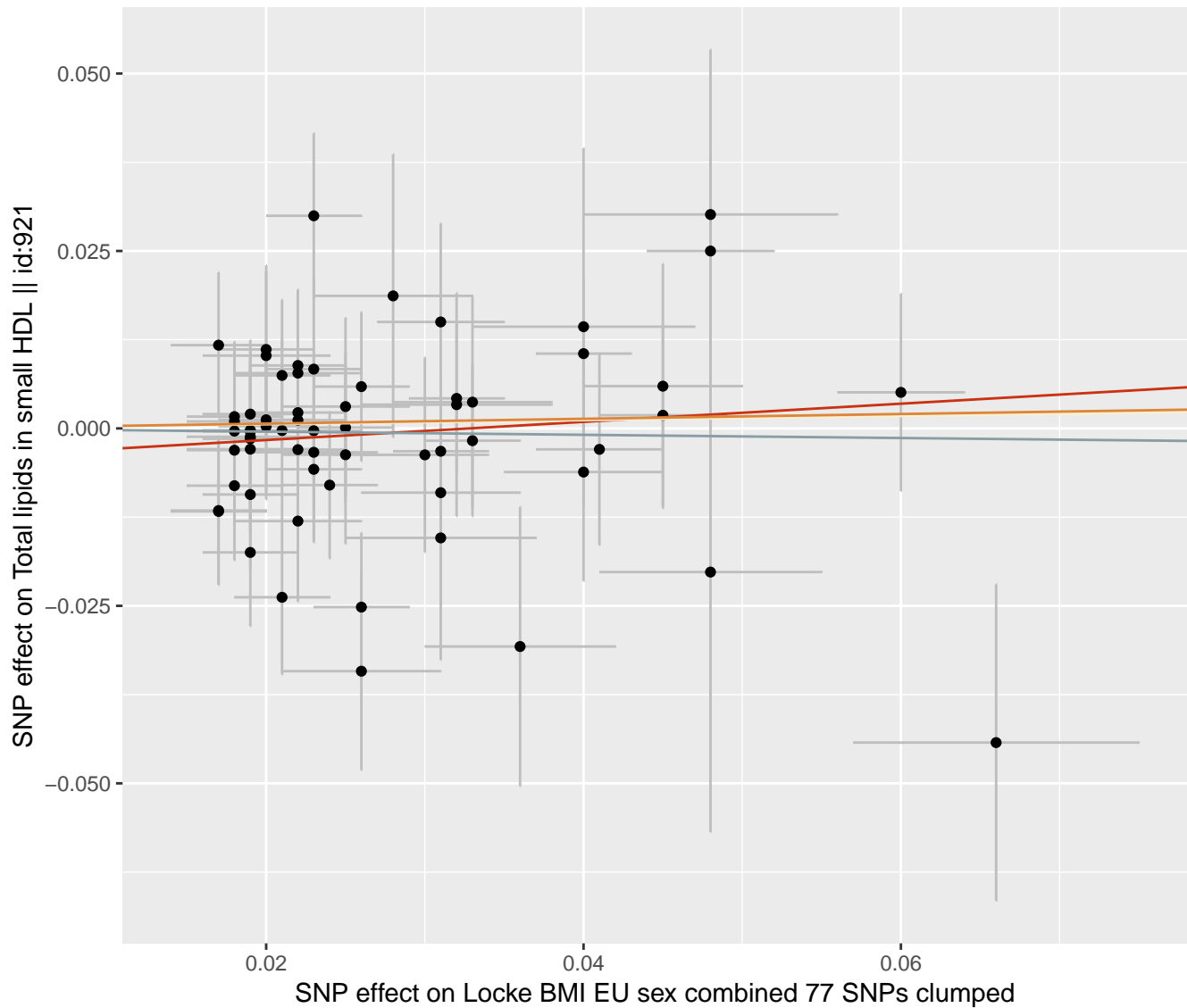
MR Test

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



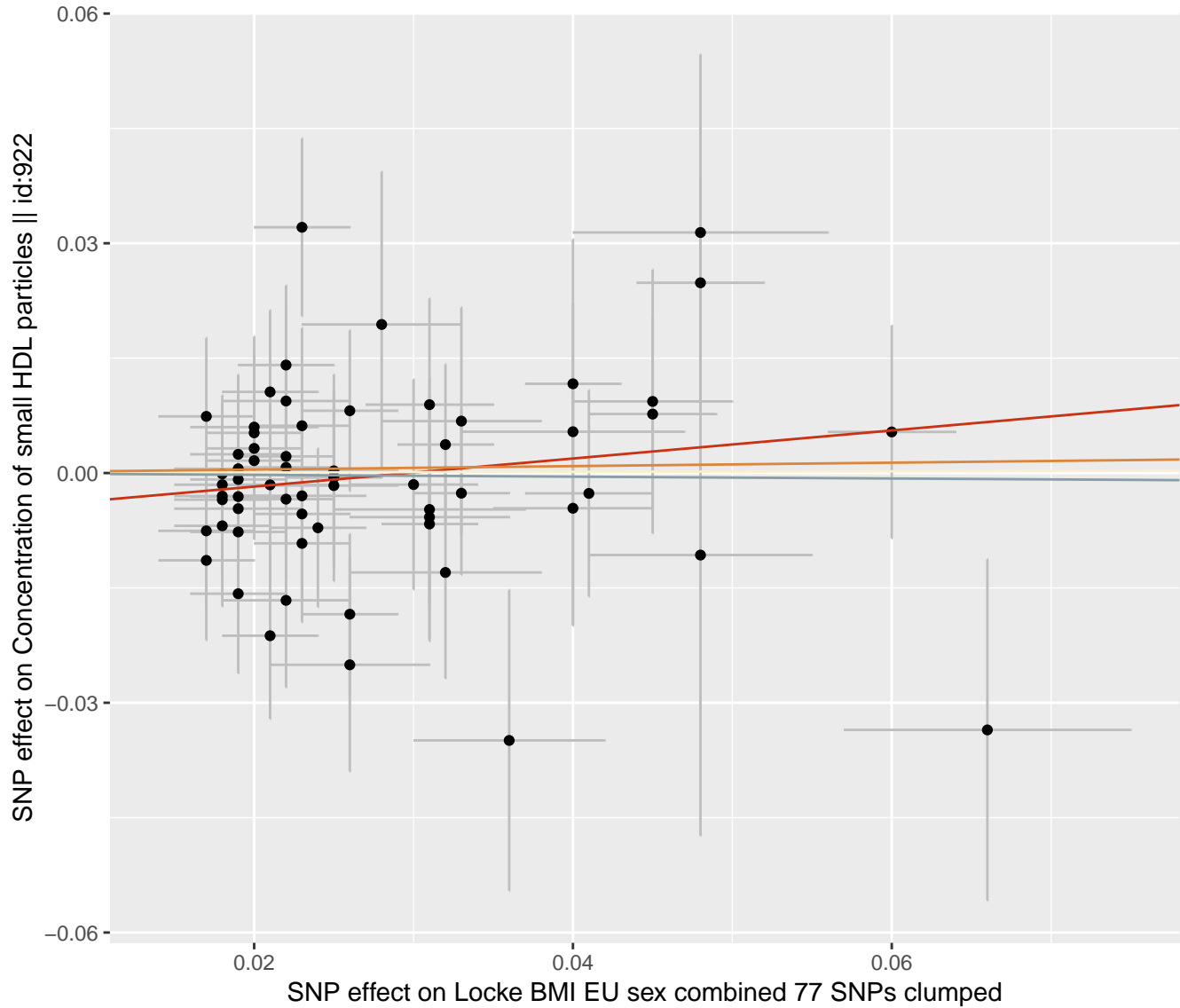
MR Test

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



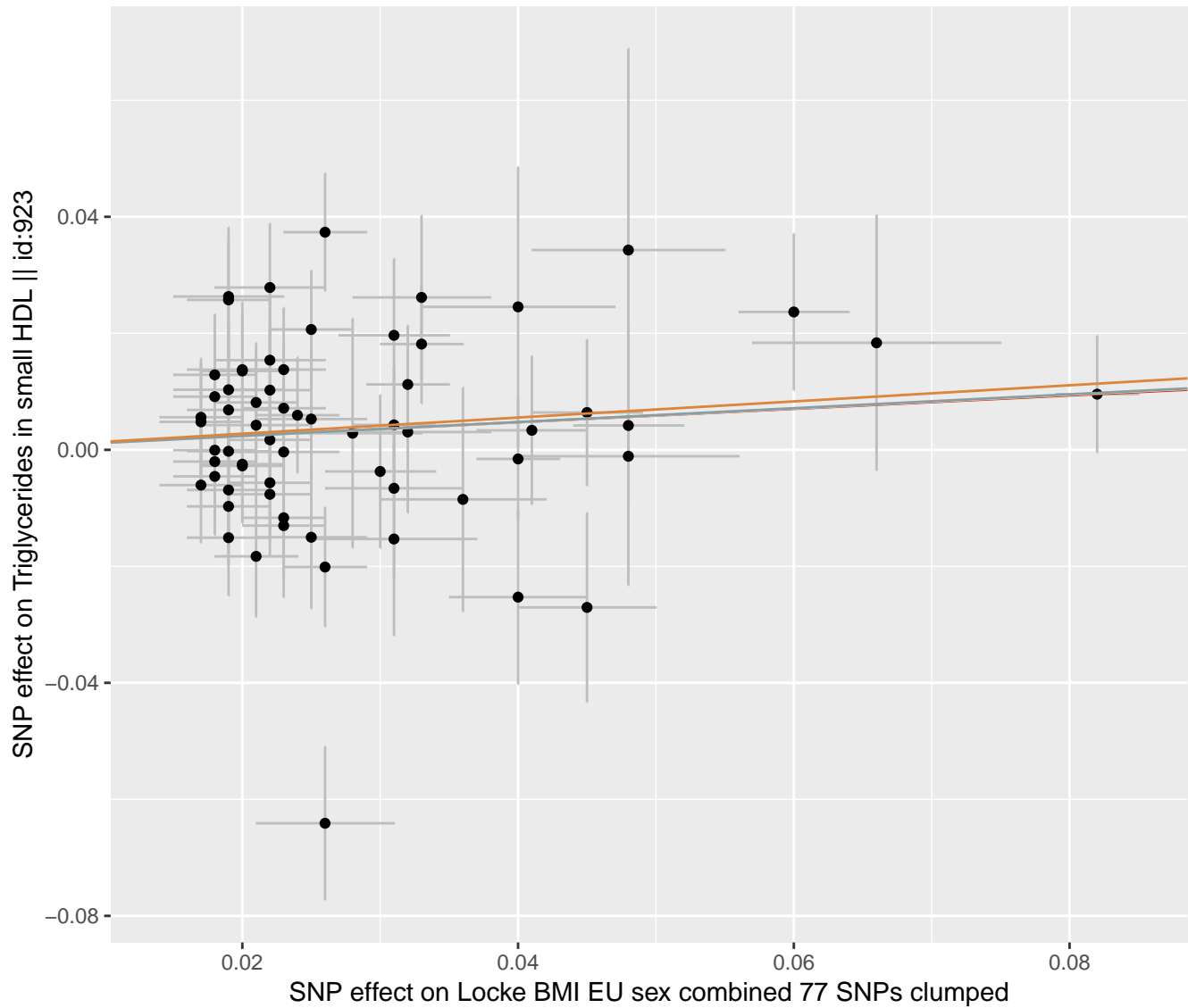
MR Test

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



MR Test

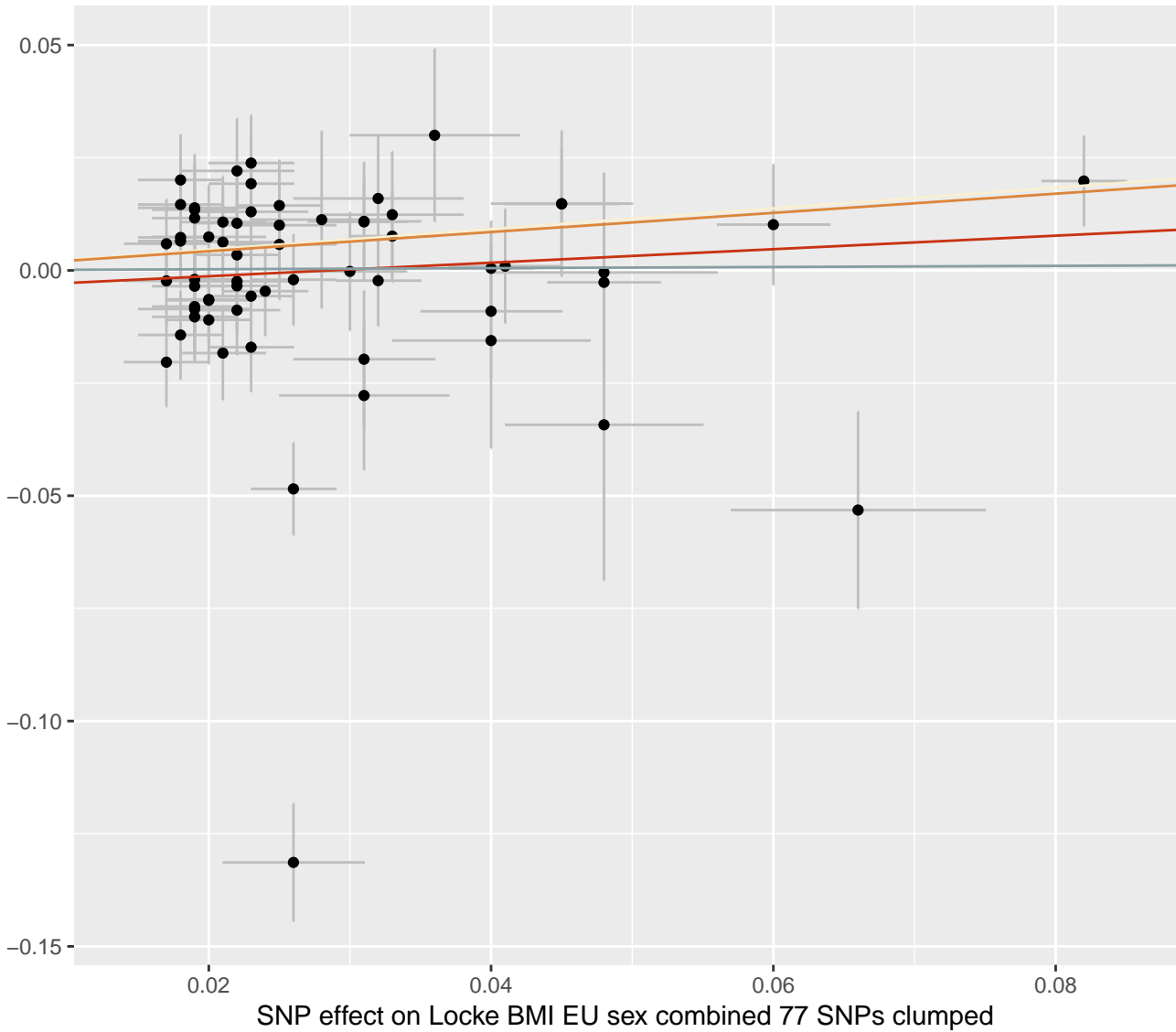
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

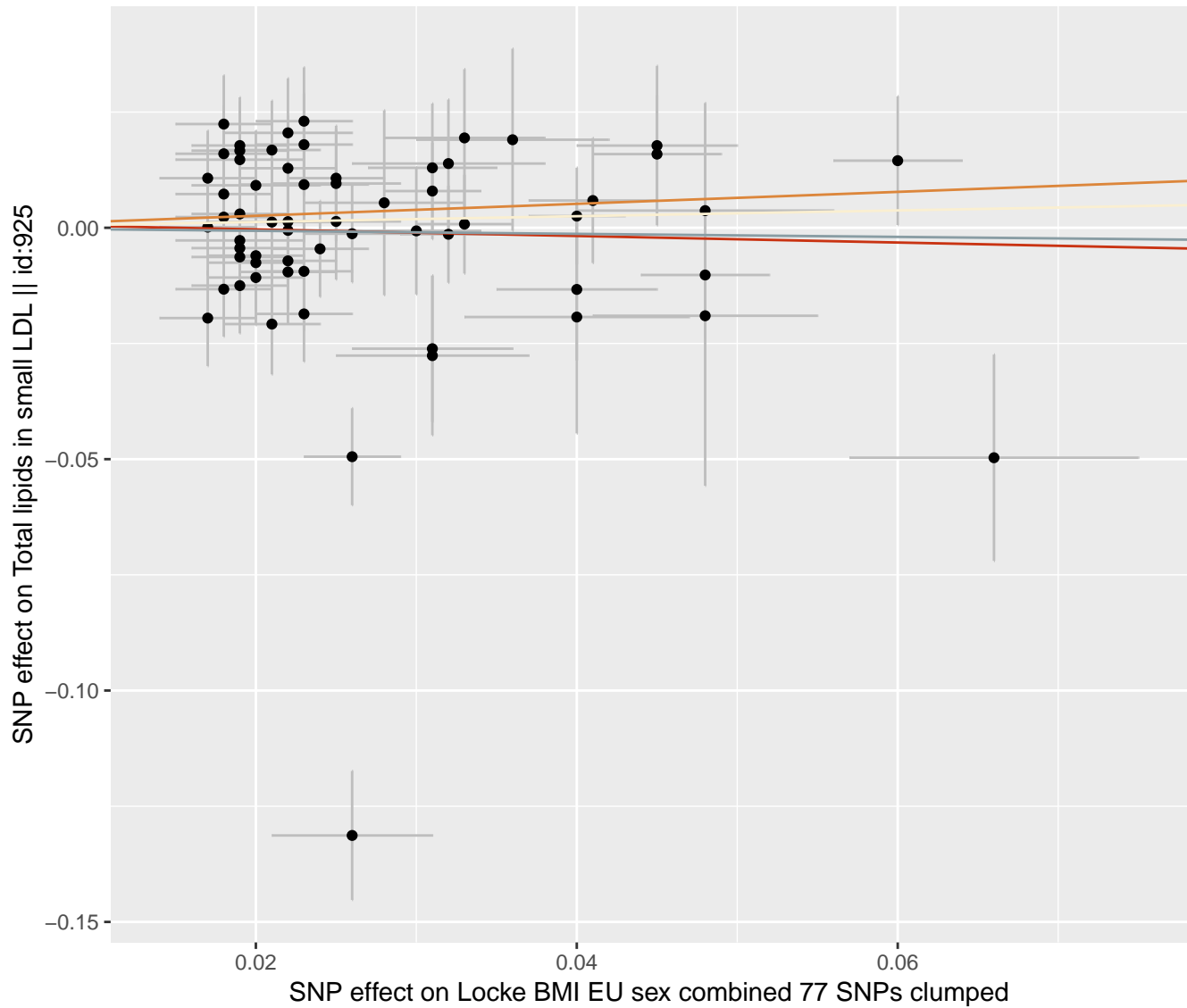
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



MR Test

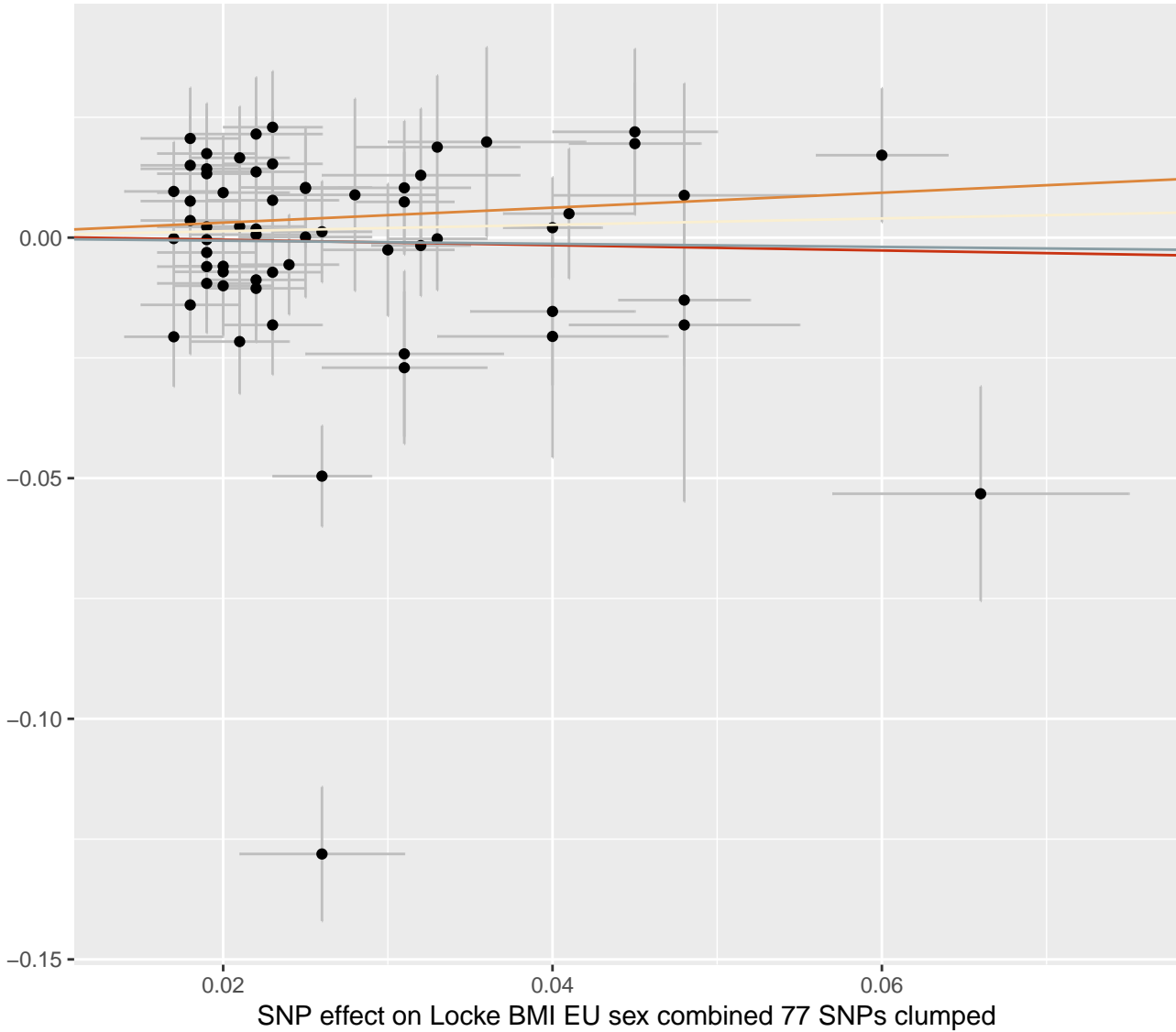
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

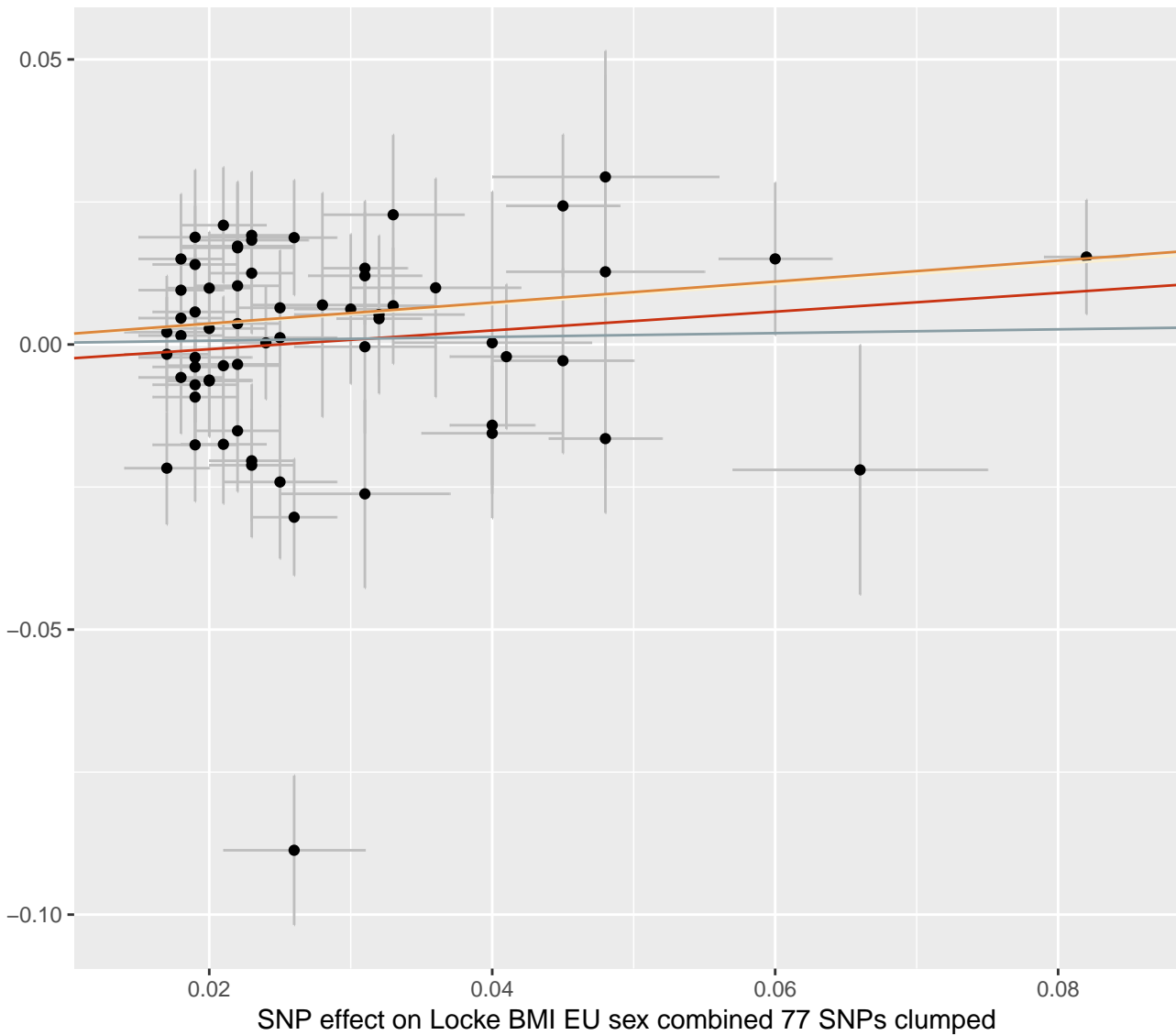
SNP effect on Concentration of small LDL particles || id:926



MR Test

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

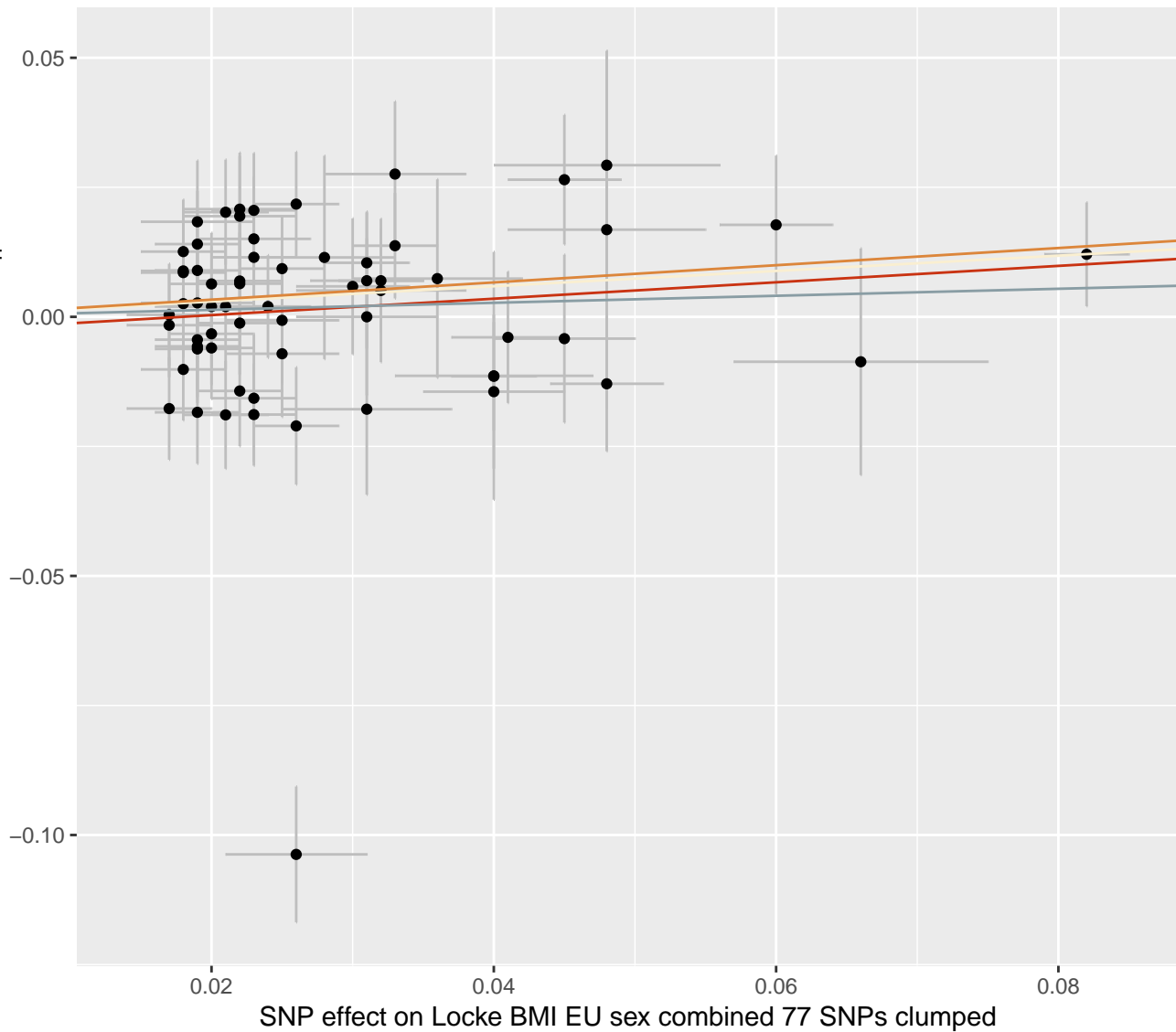
SNP effect on Total cholesterol in small VLDL || id:927



MR Test

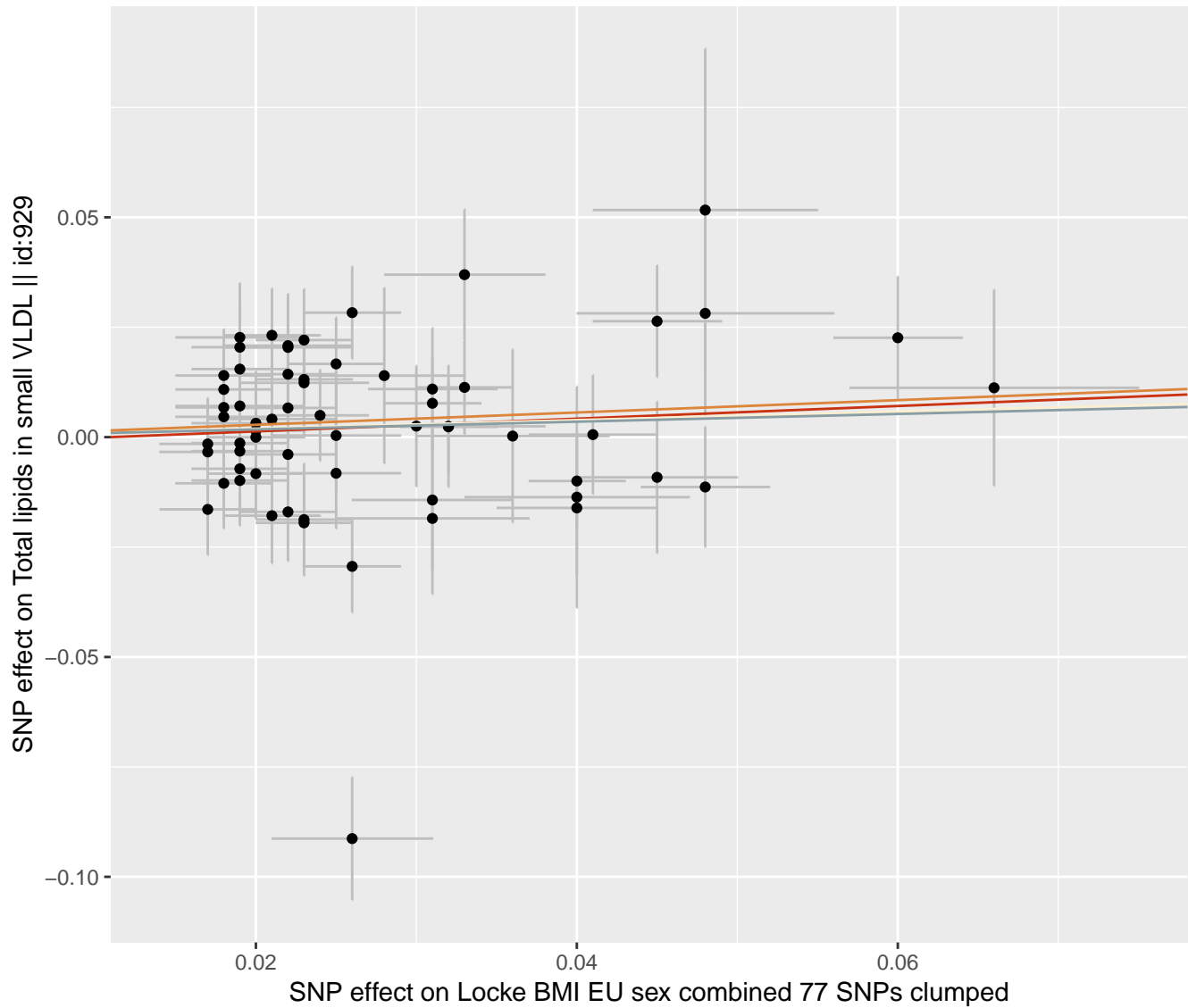
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Free cholesterol in small VLDL || id:928



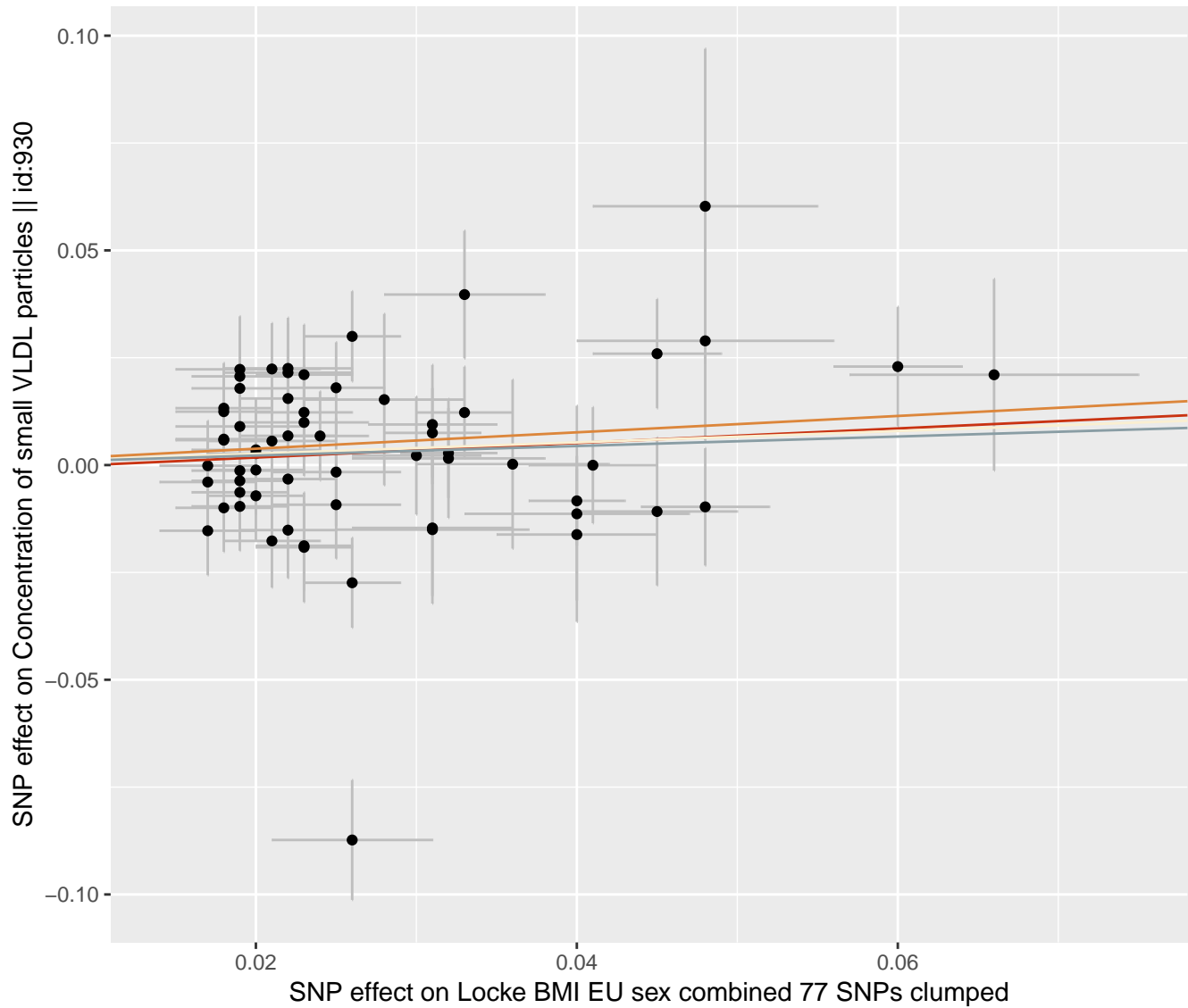
MR Test

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



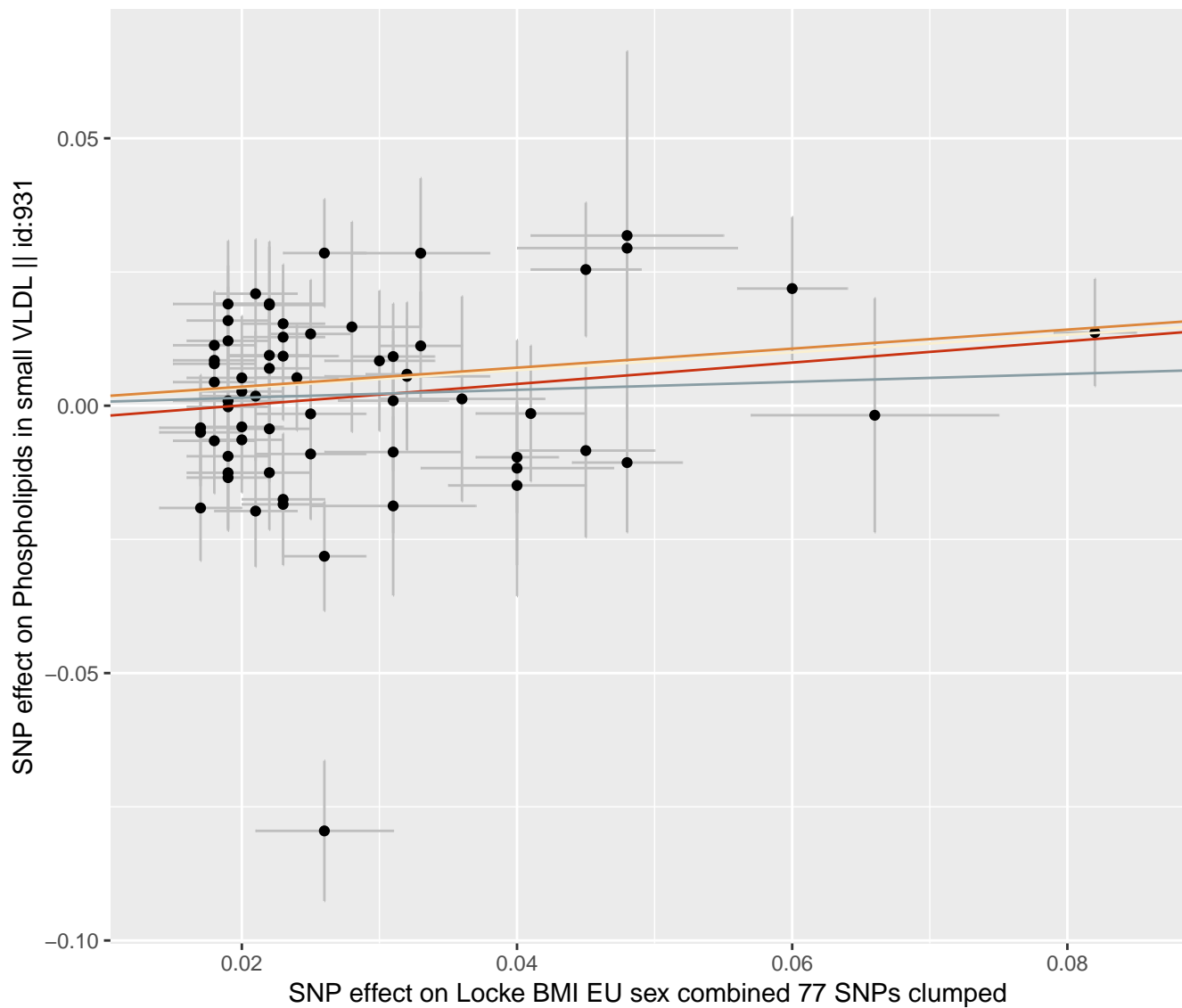
MR Test

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



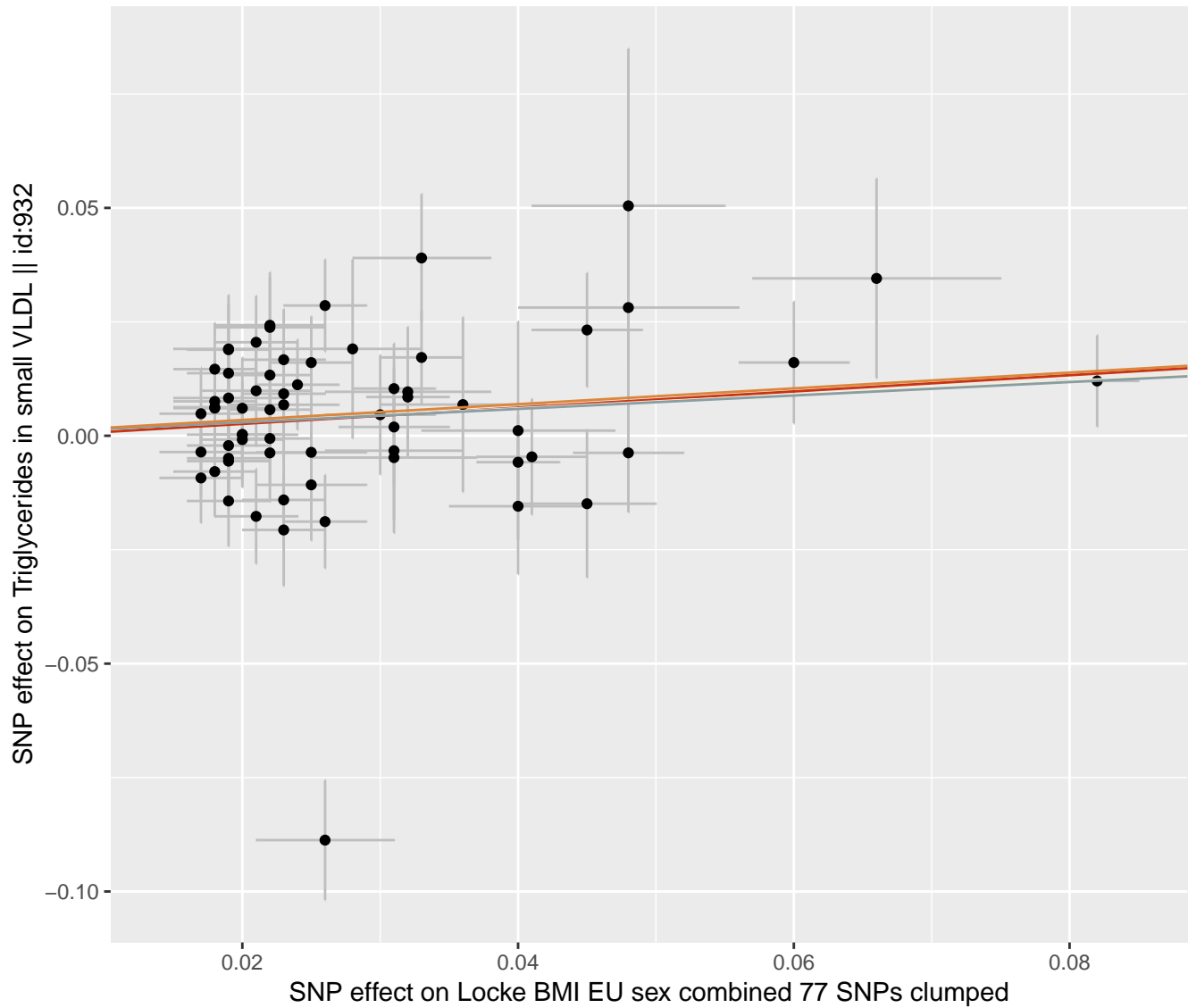
MR Test

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



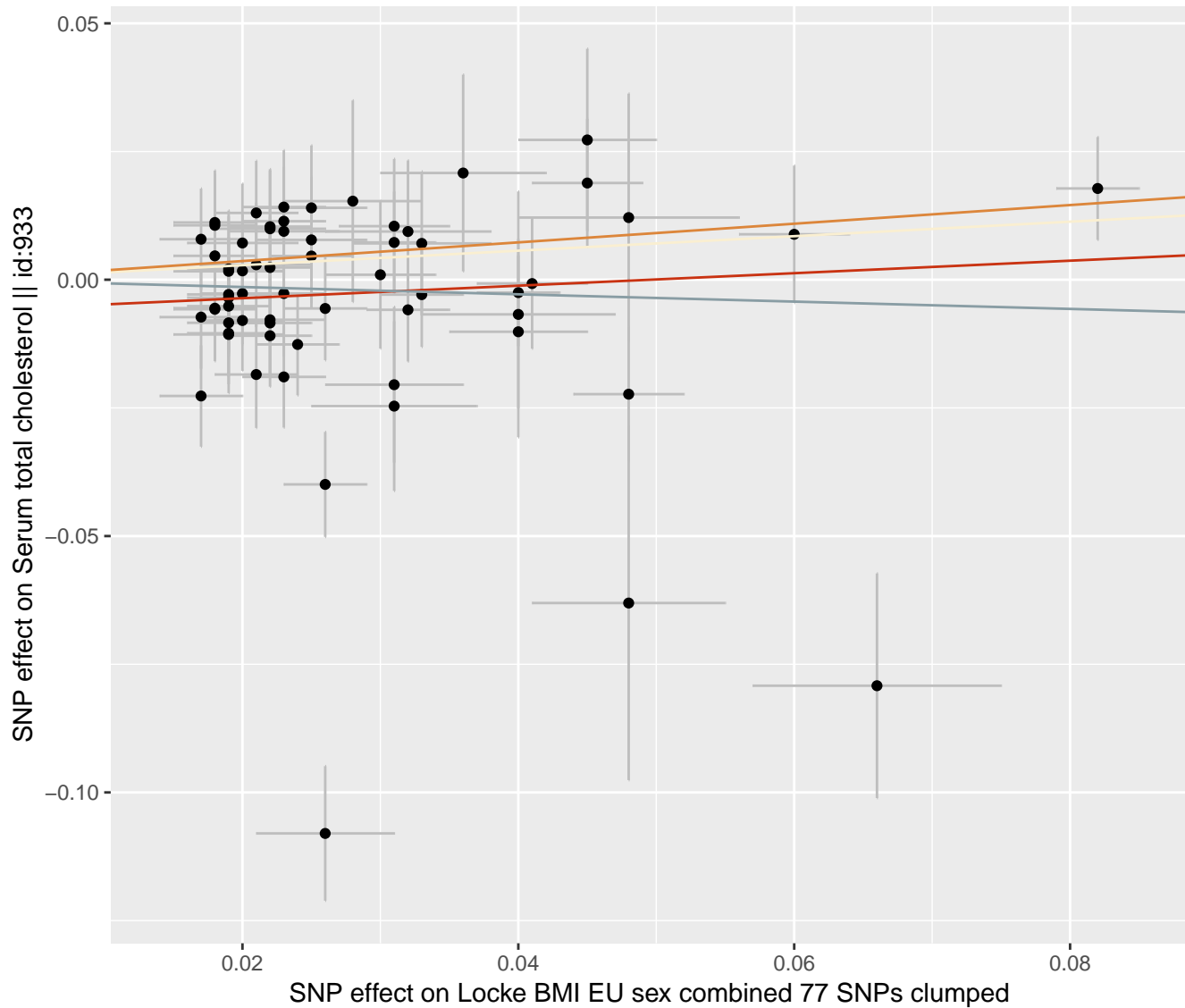
MR Test

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



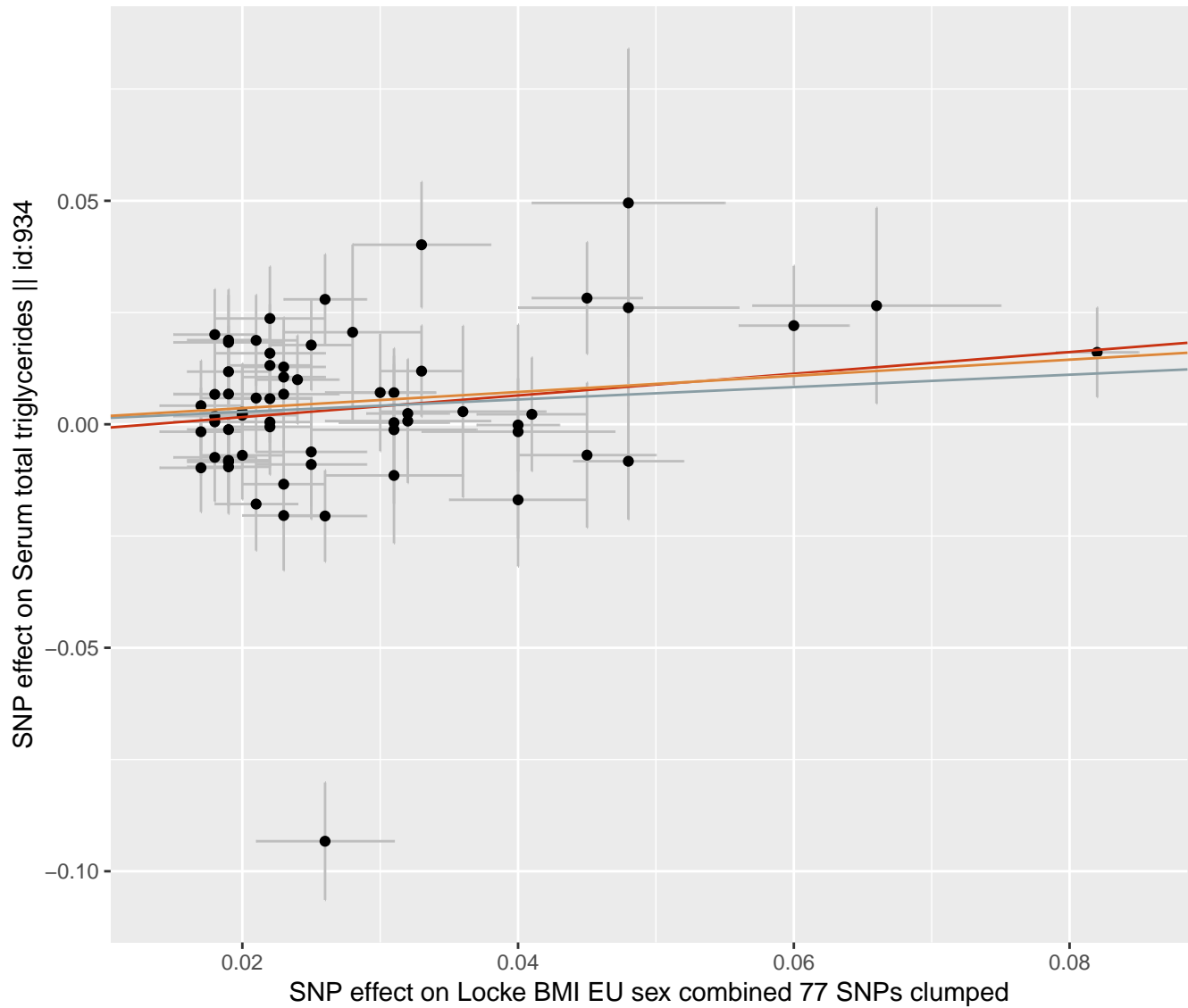
MR Test

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



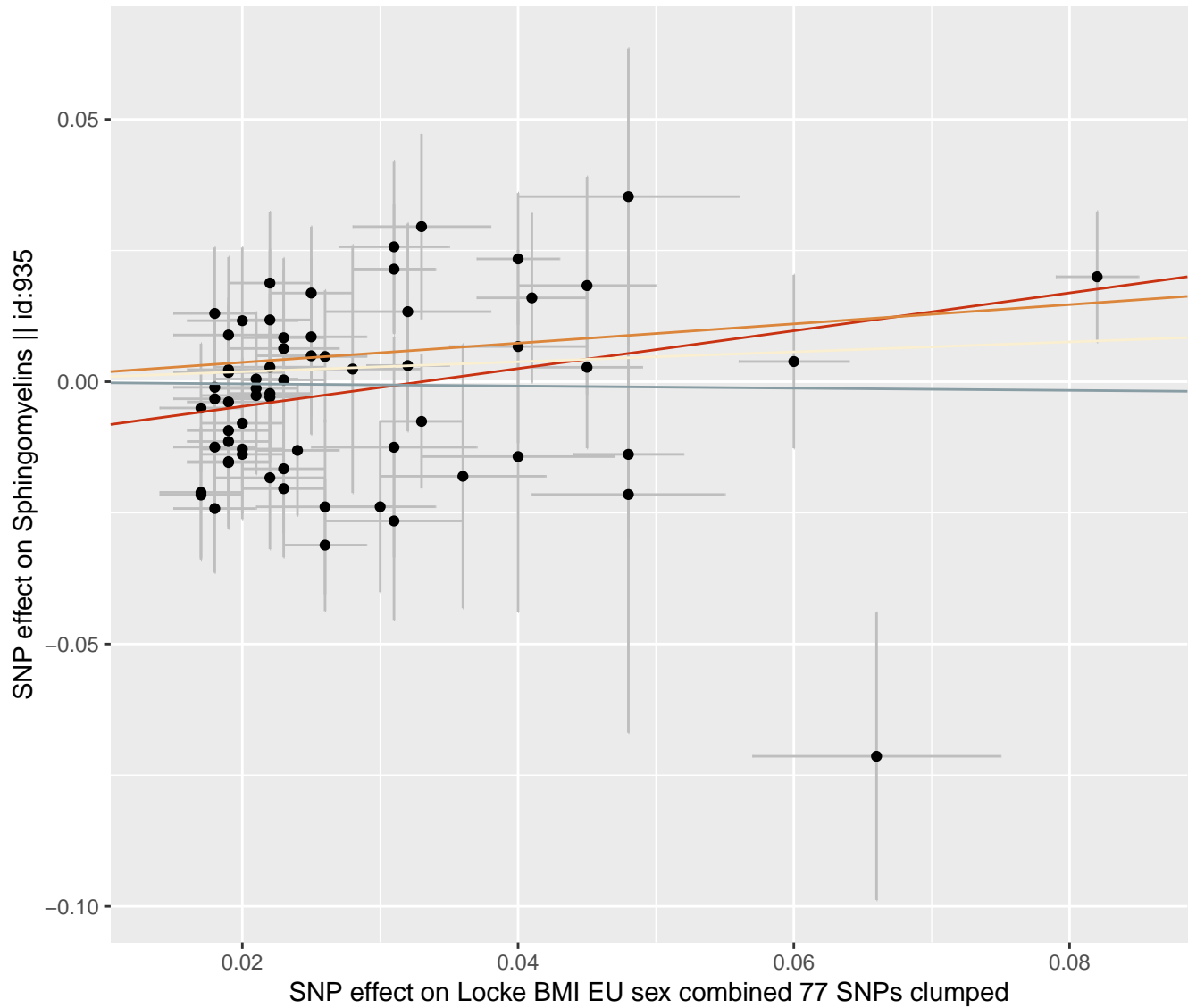
MR Test

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



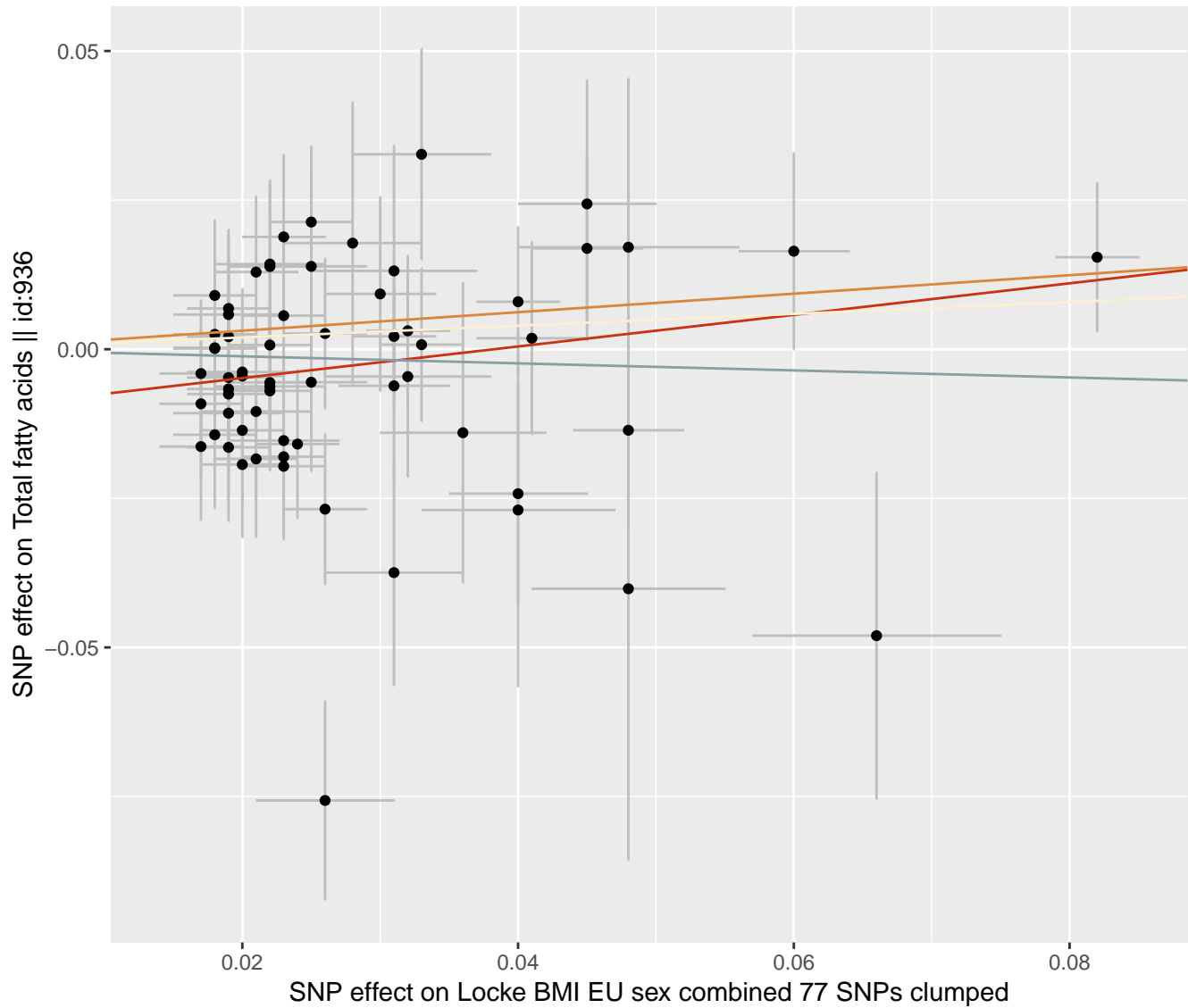
MR Test

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



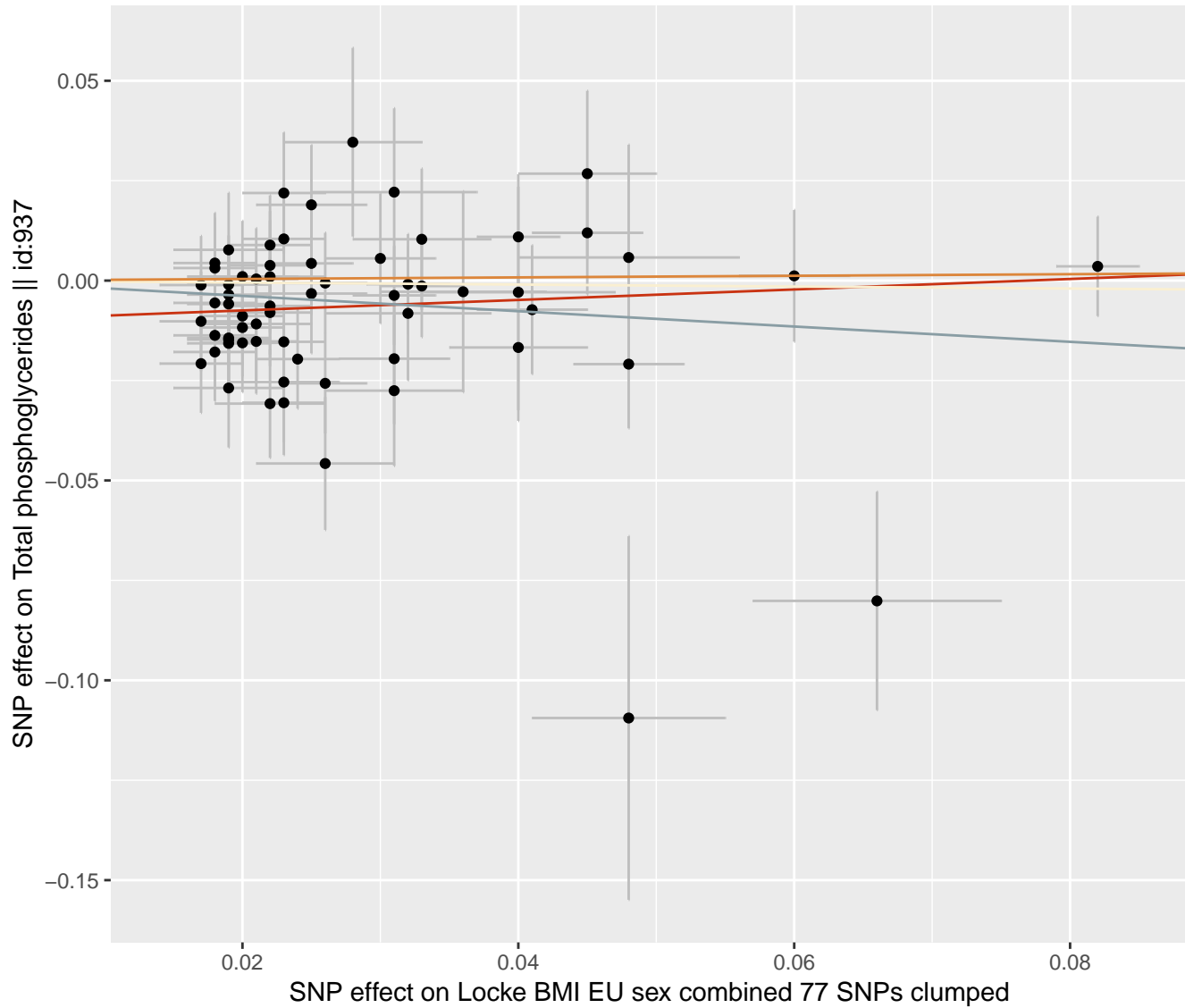
MR Test

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



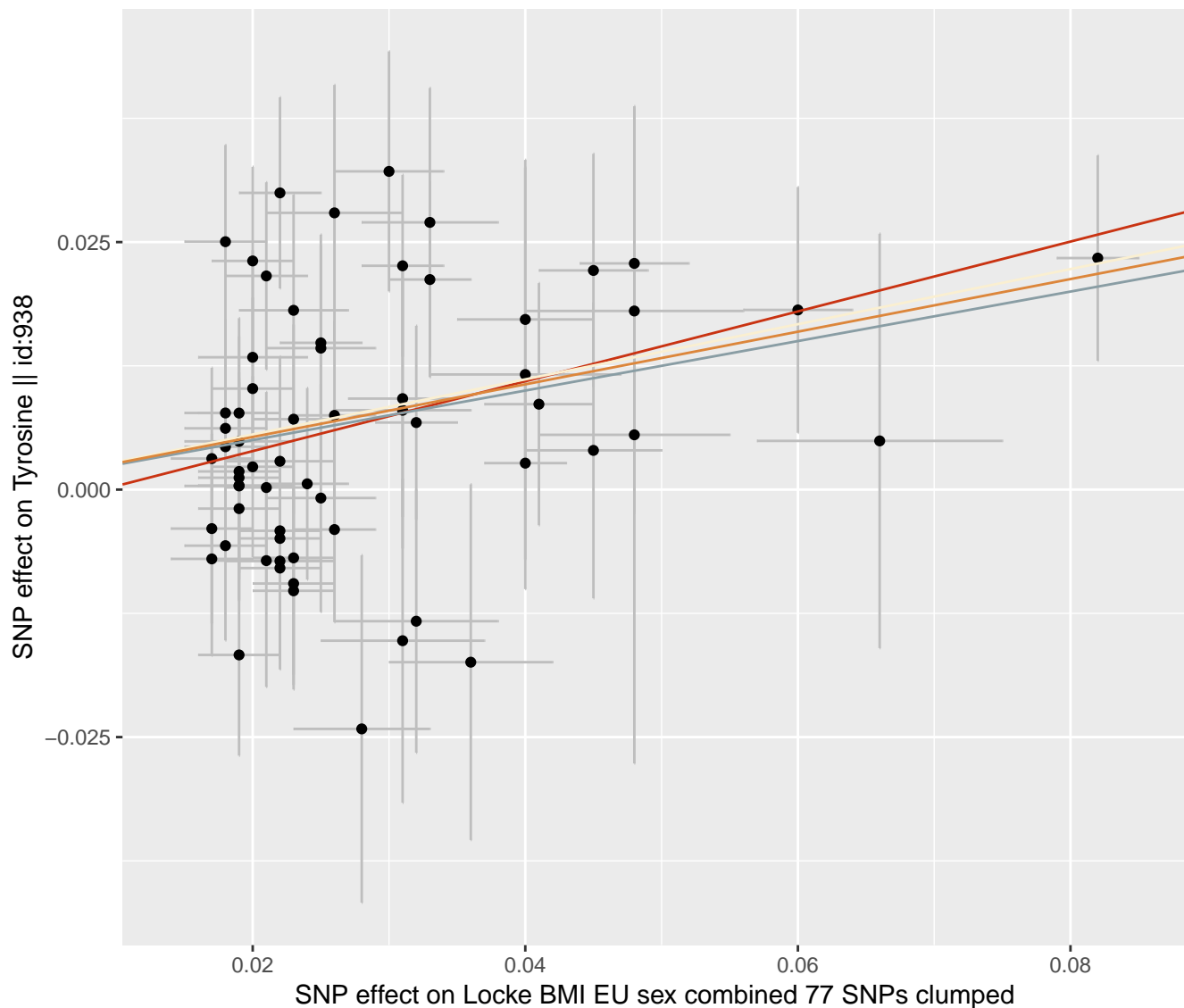
MR Test

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



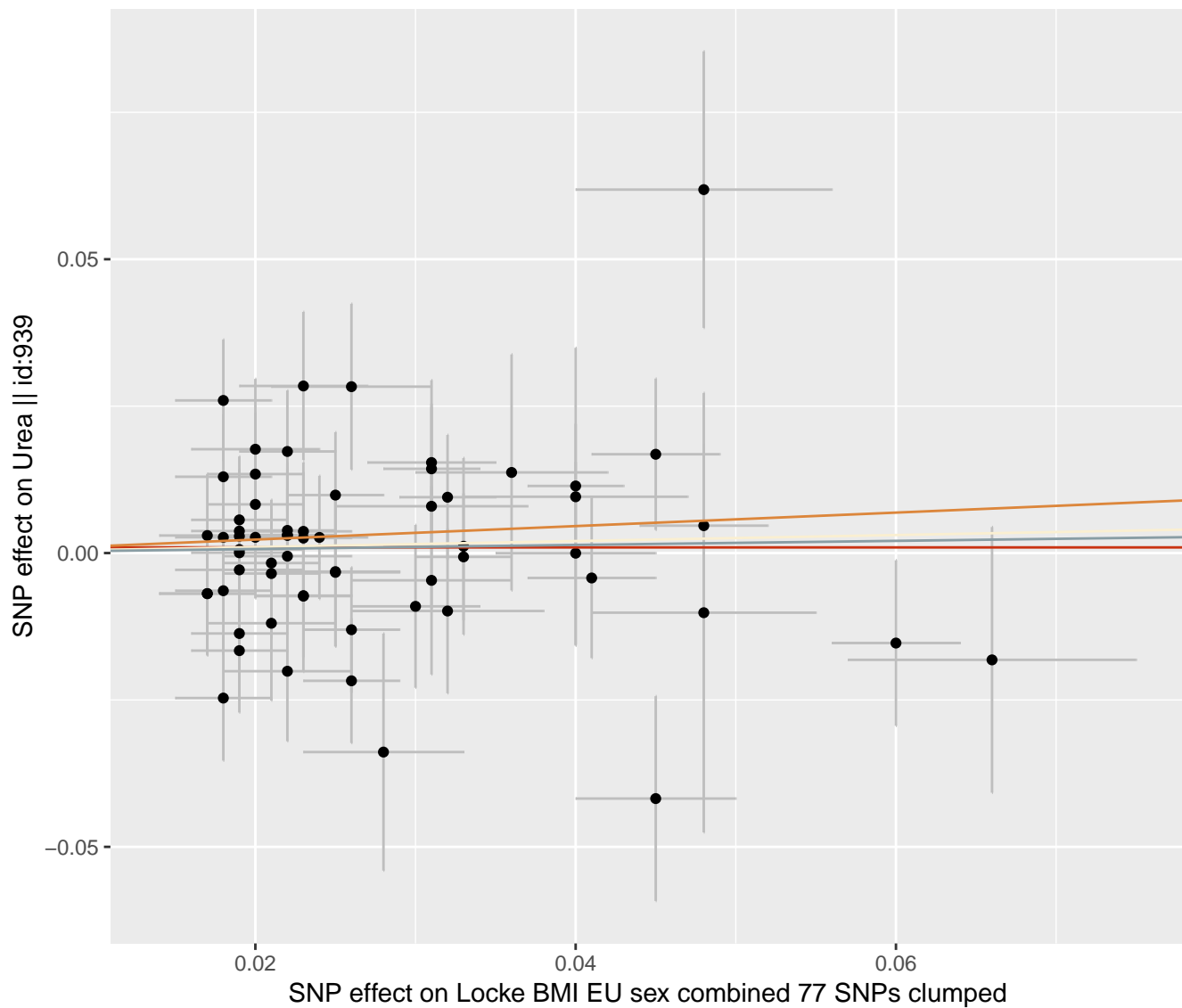
MR Test

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



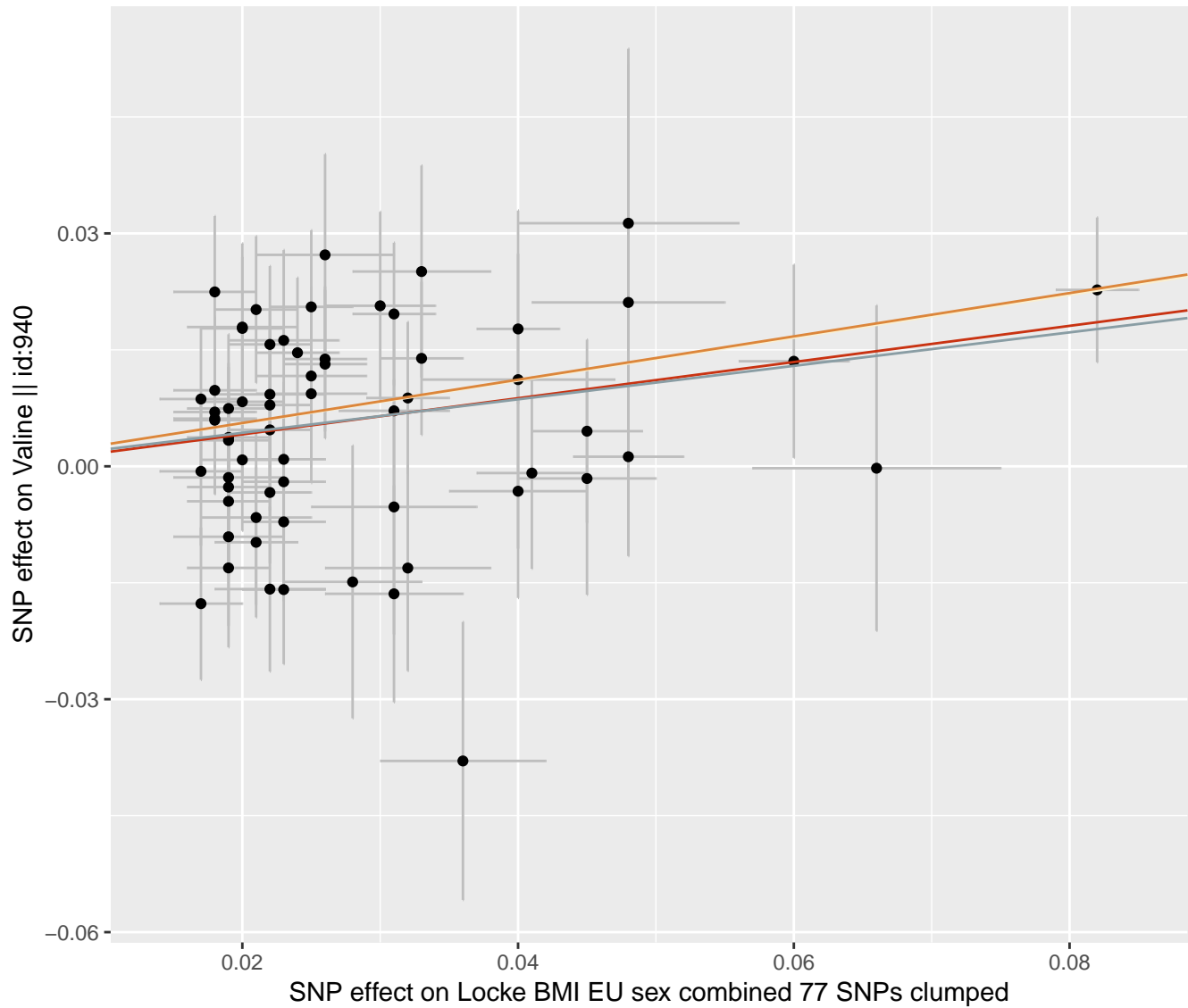
MR Test

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



MR Test

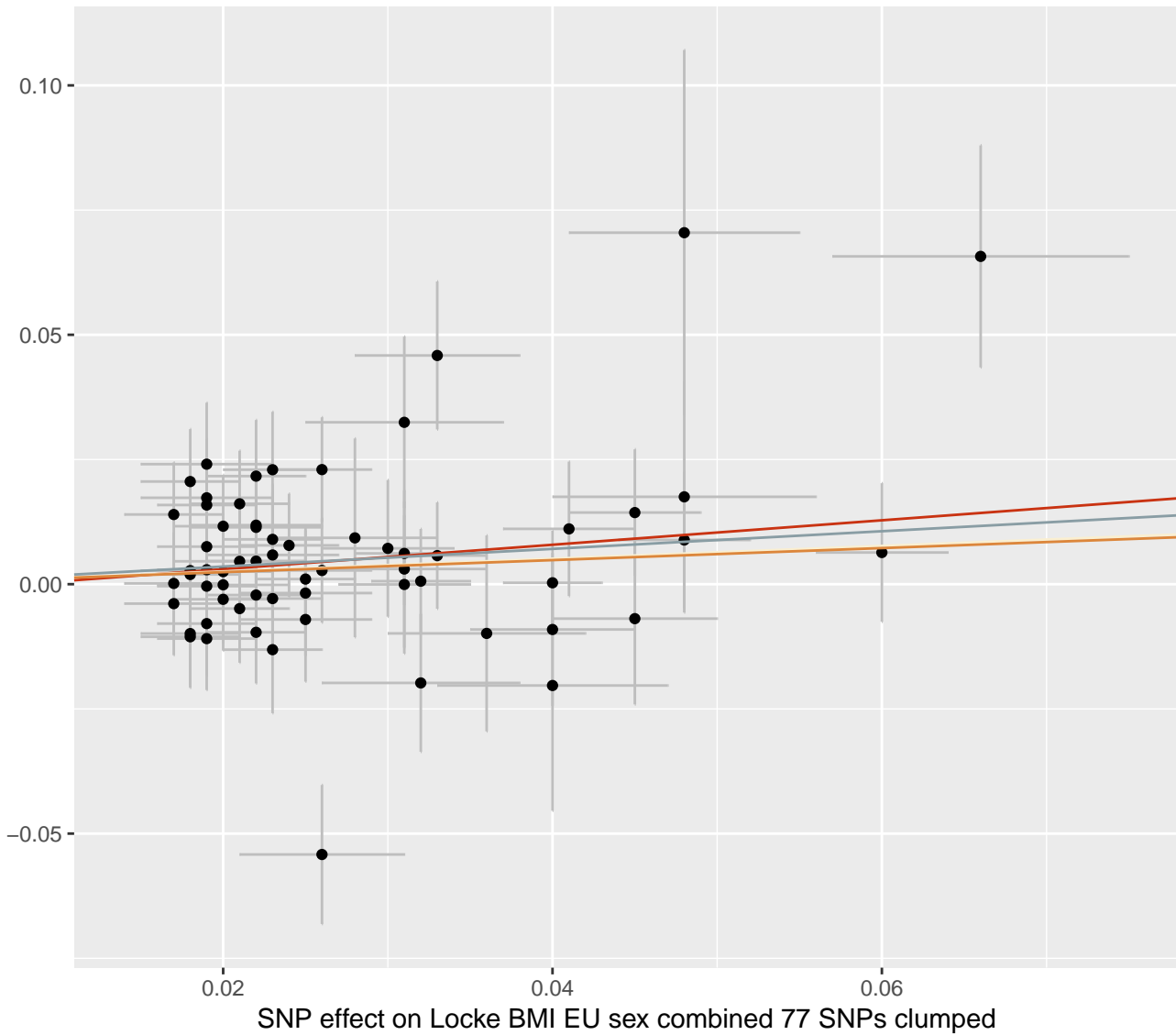
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

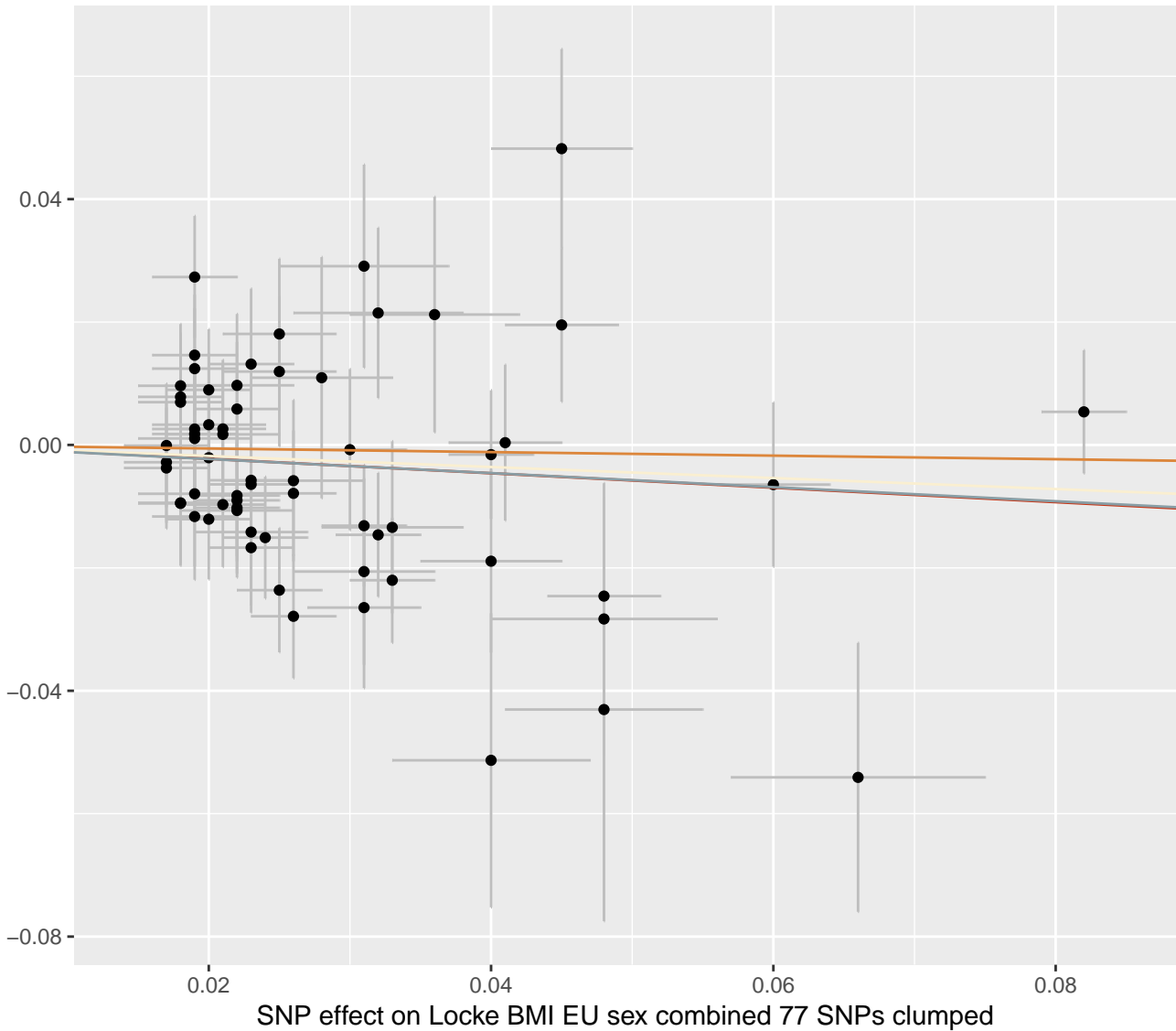
SNP effect on Mean diameter for VLDL particles || id:941



MR Test

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

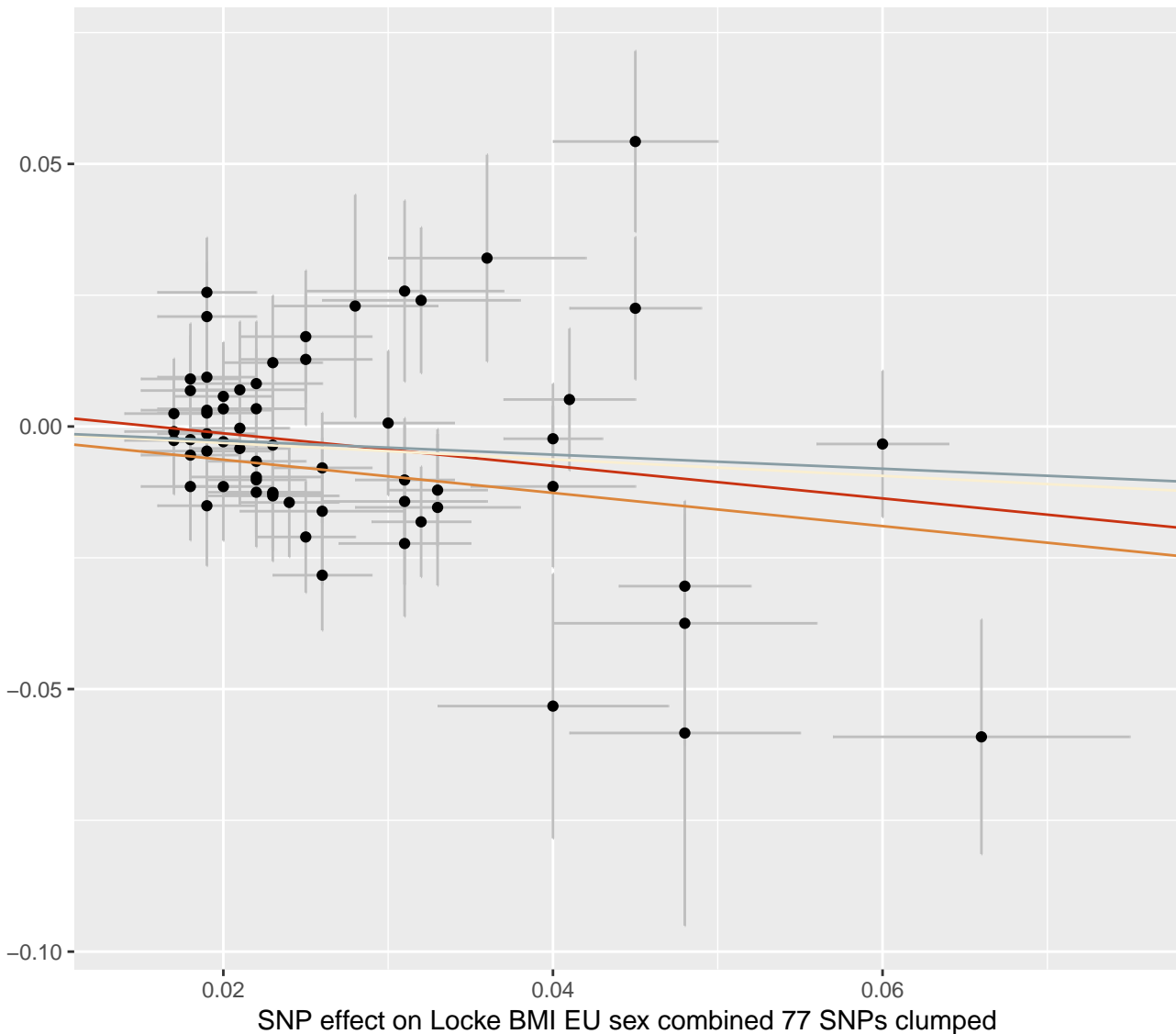
SNP effect on Total cholesterol in very large HDL || id:942



MR Test

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

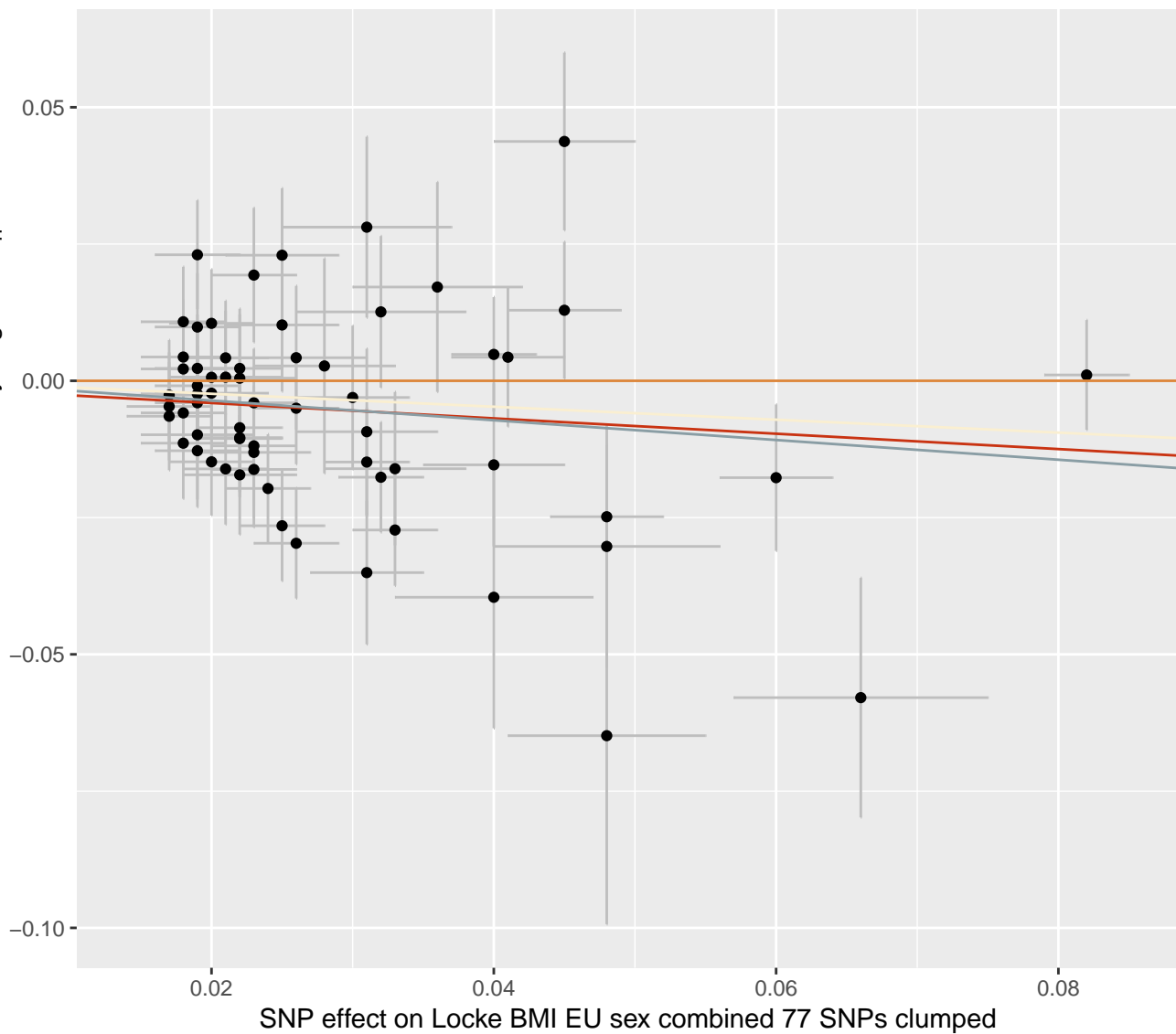
SNP effect on Cholesterol esters in very large HDL || id:943



MR Test

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

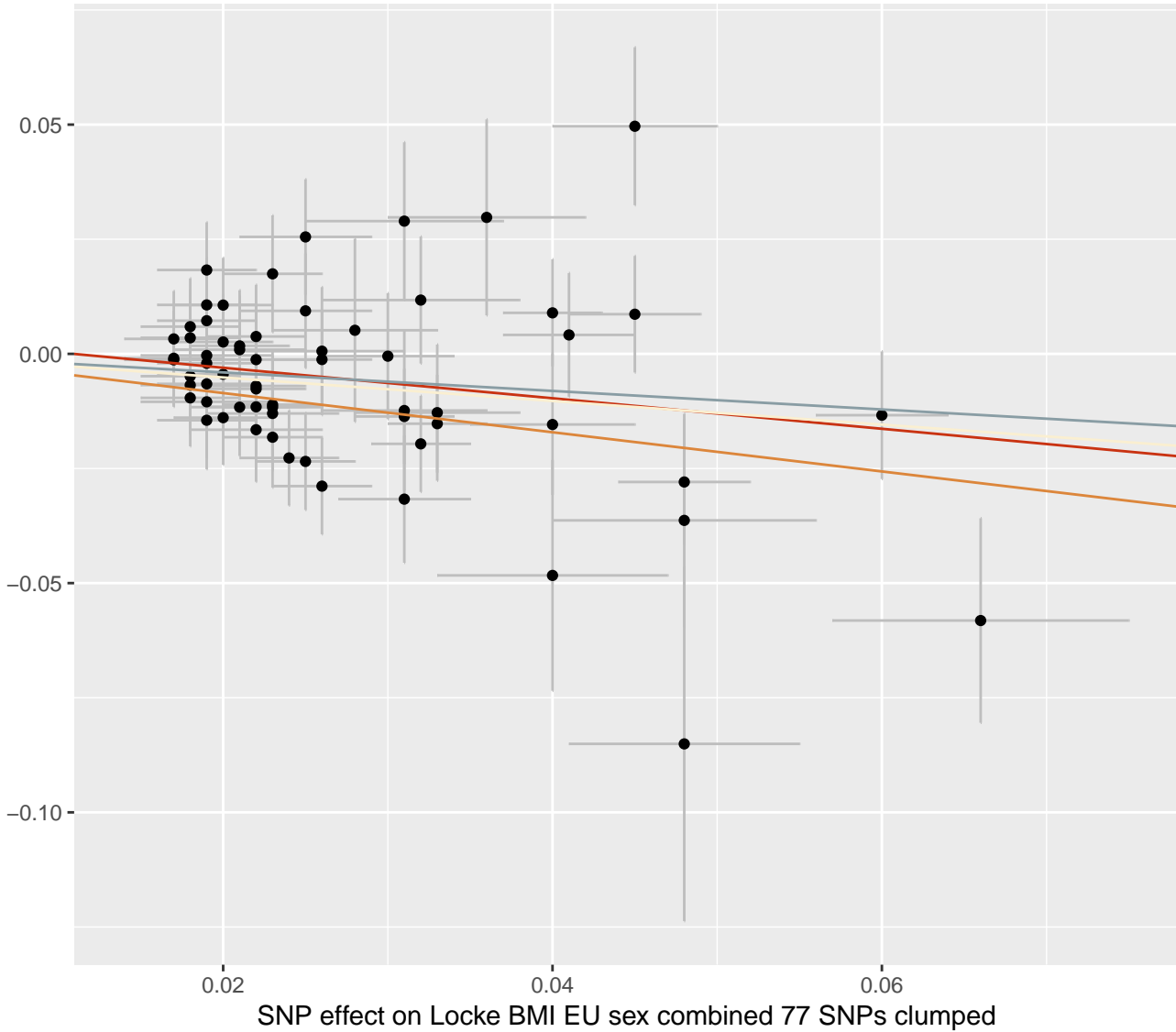
SNP effect on Free cholesterol in very large HDL || id:944



MR Test

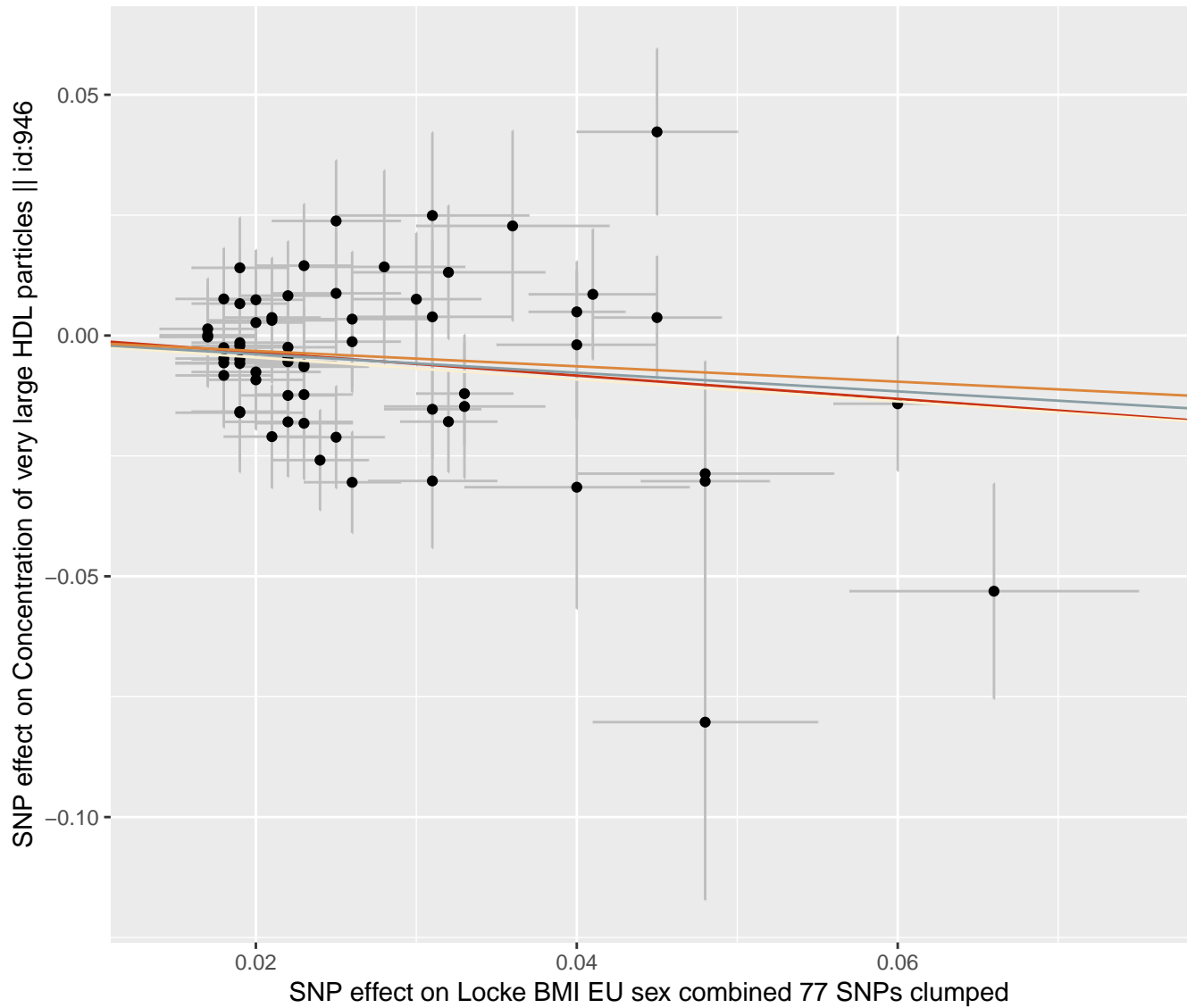
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

SNP effect on Total lipids in very large HDL || id:945



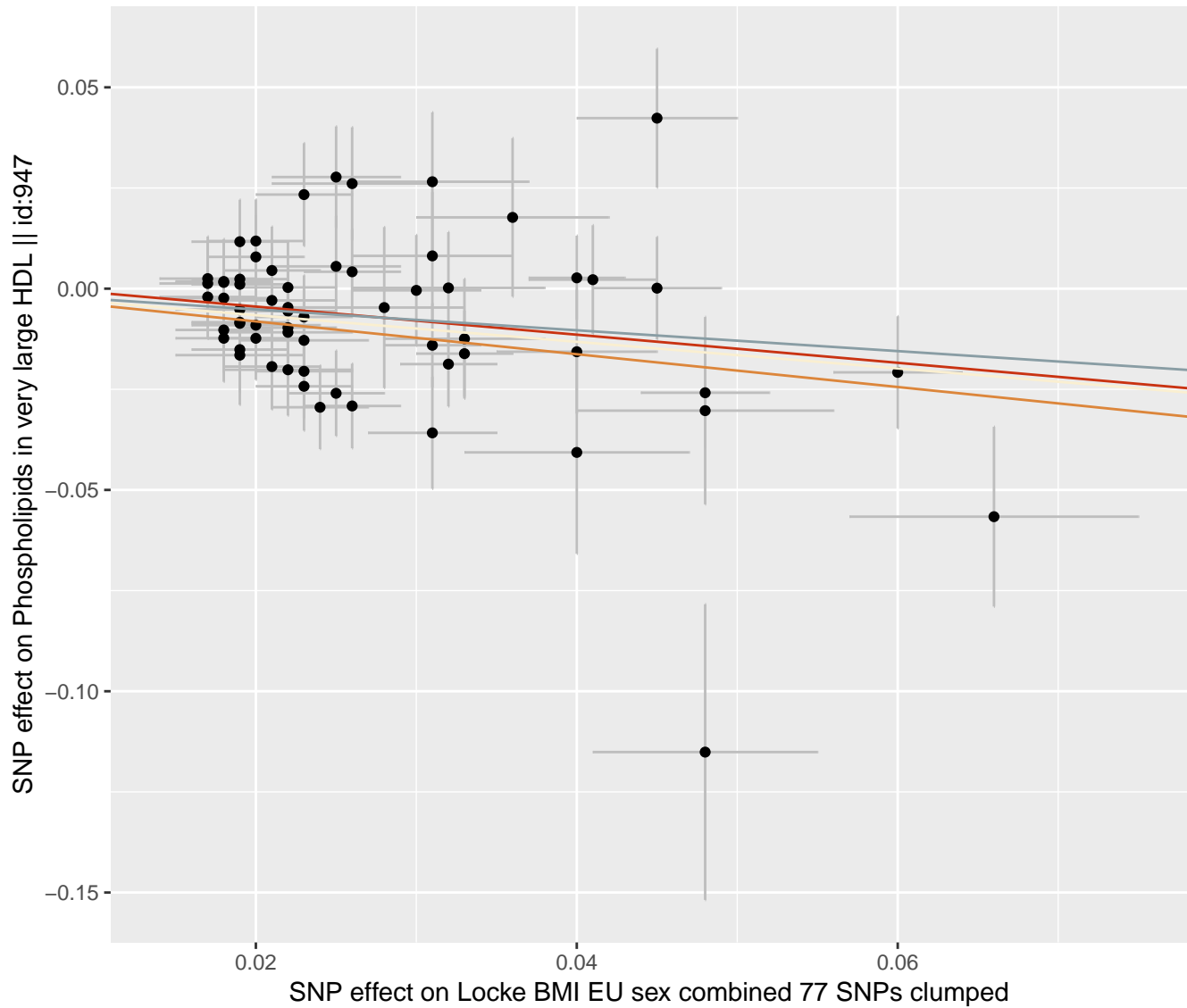
MR Test

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



MR Test

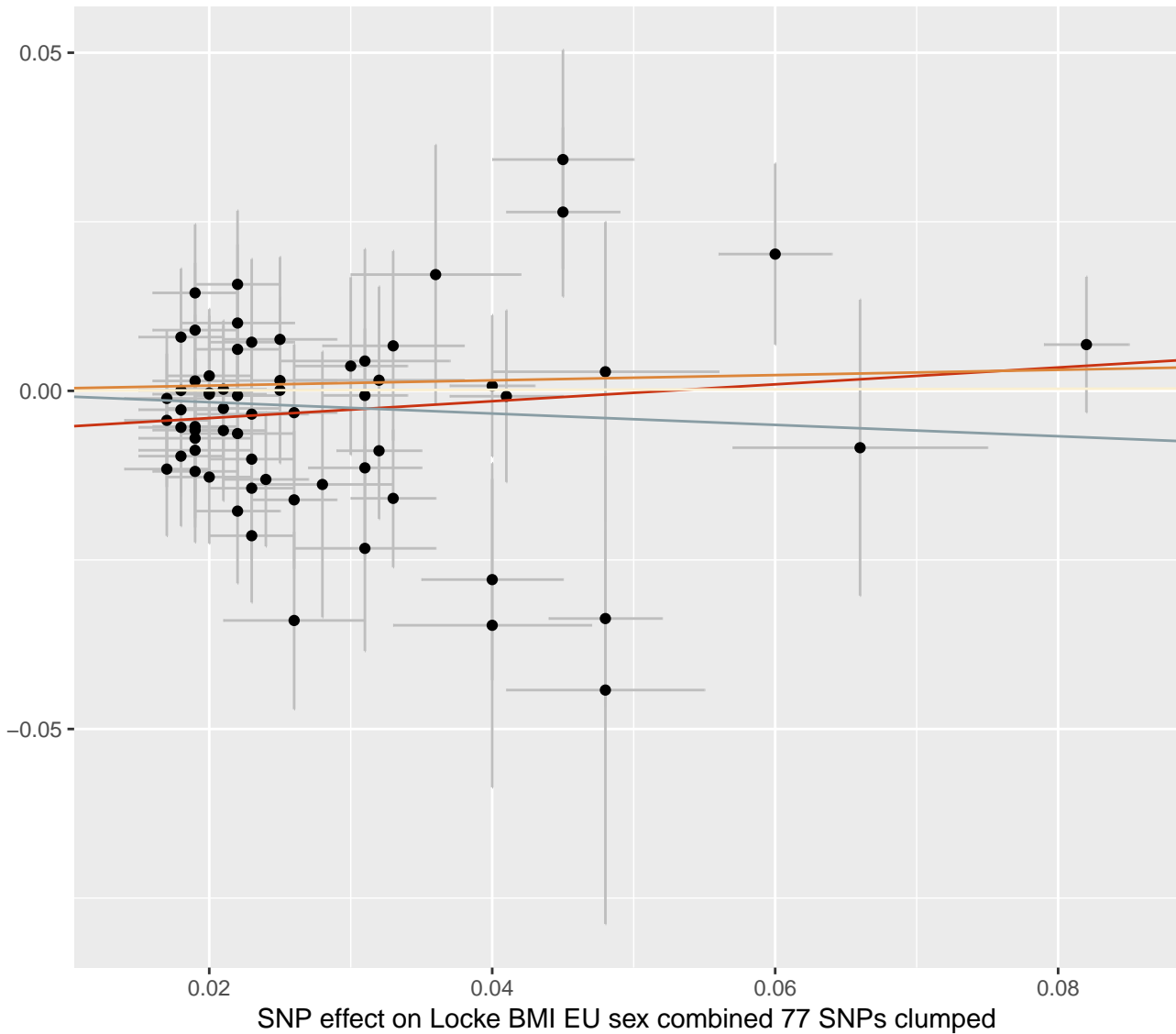
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

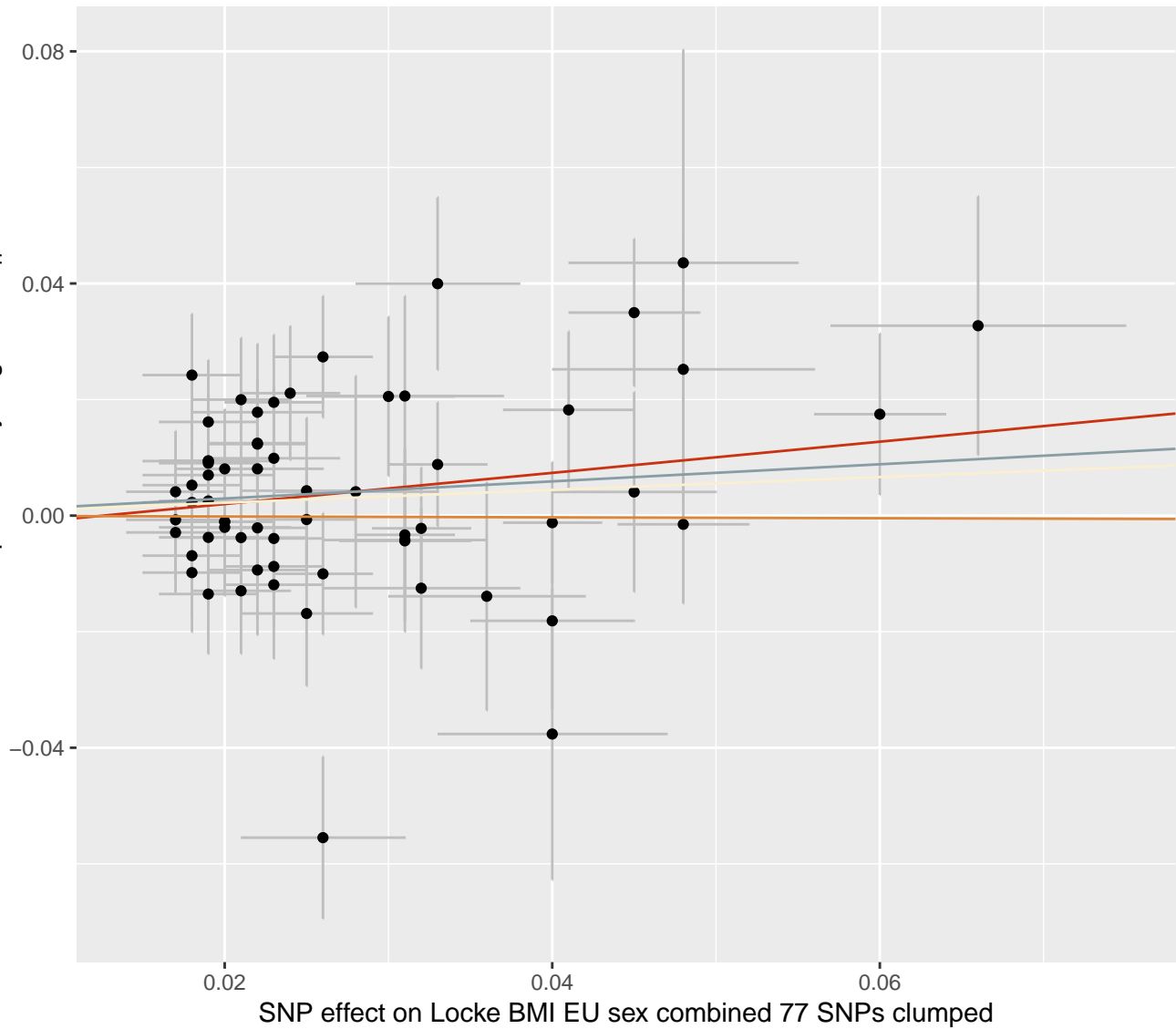
SNP effect on Triglycerides in very large HDL || id:948



MR Test

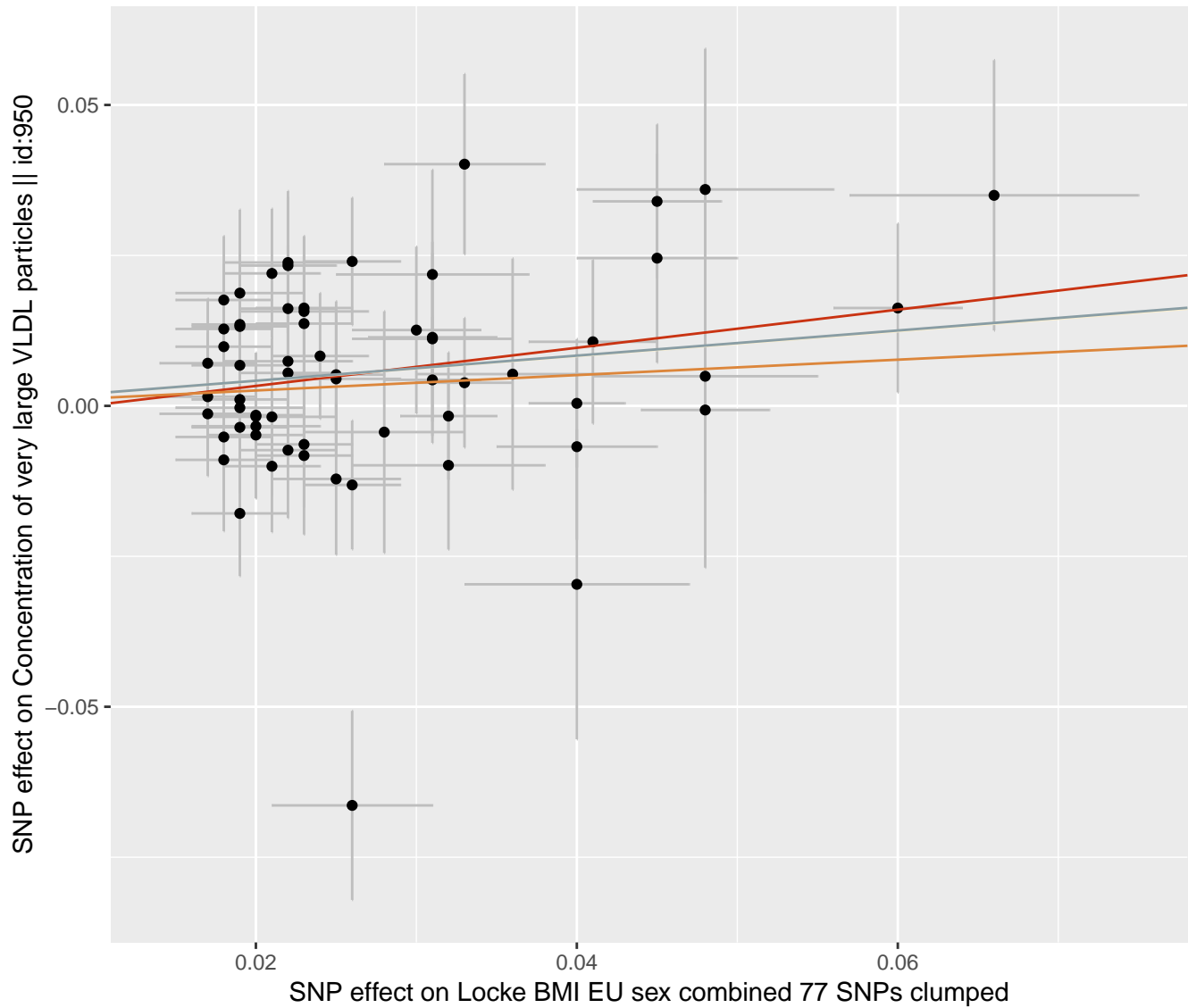
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



MR Test

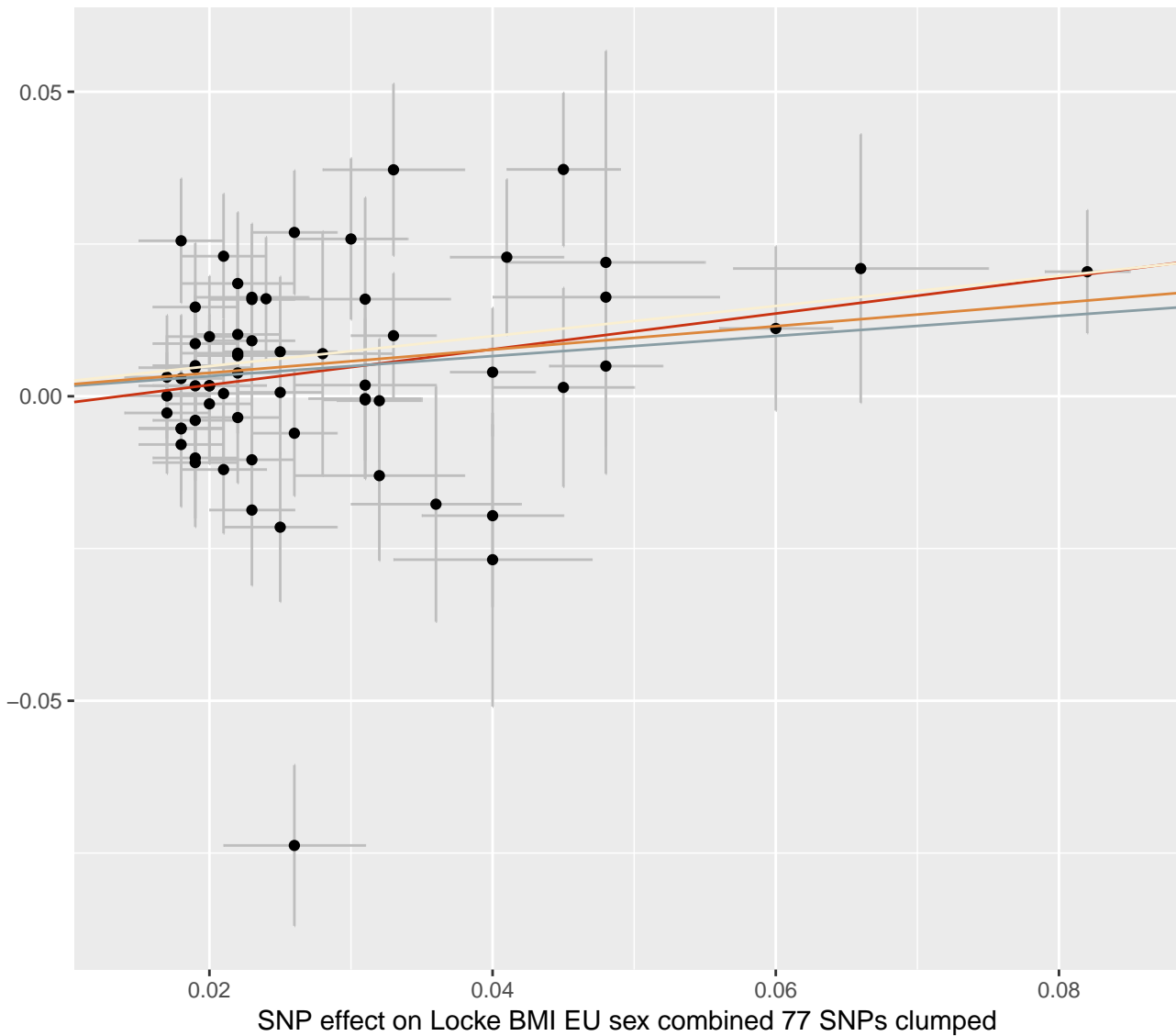
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

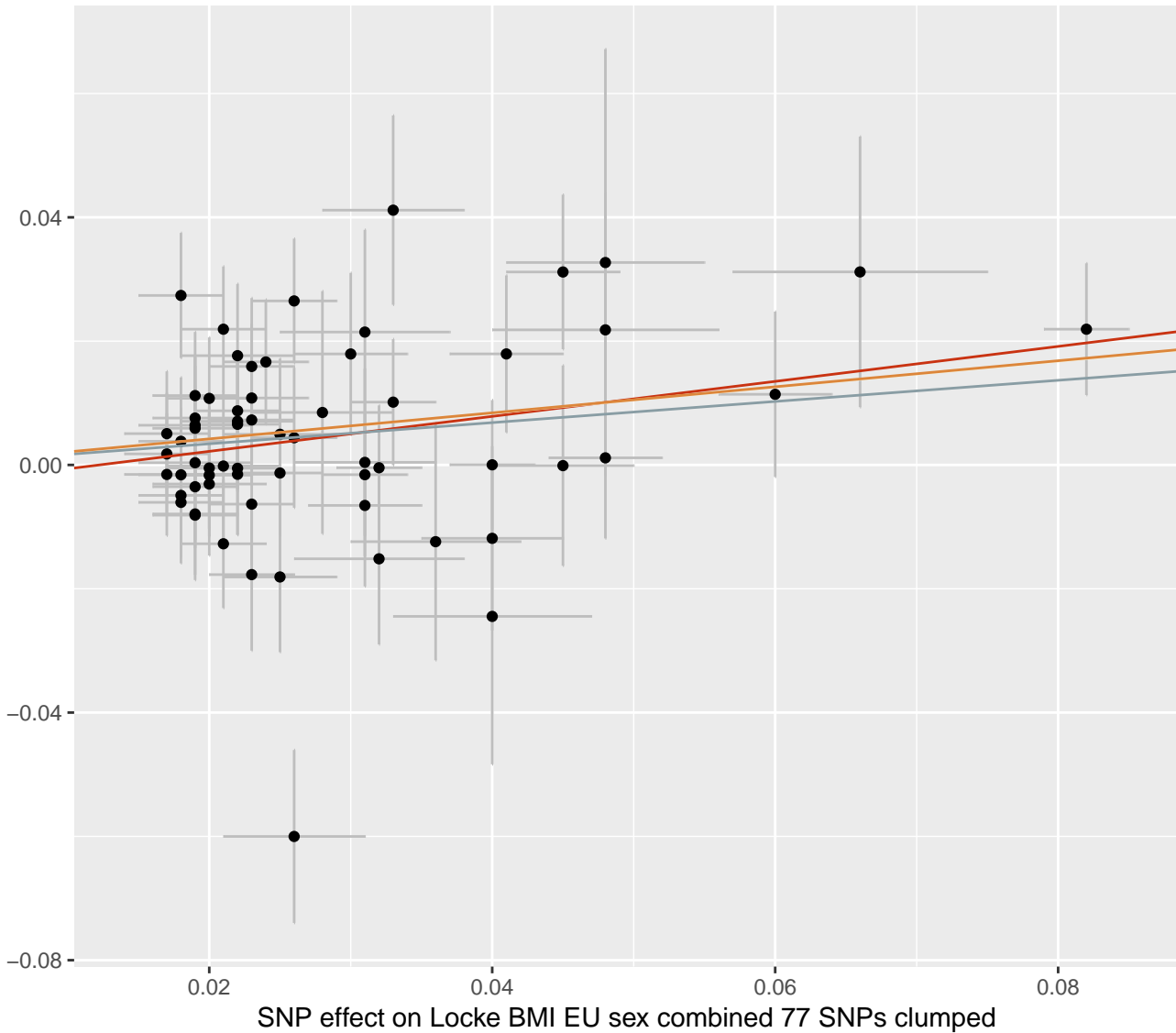
SNP effect on Phospholipids in very large VLDL || id:951



MR Test

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

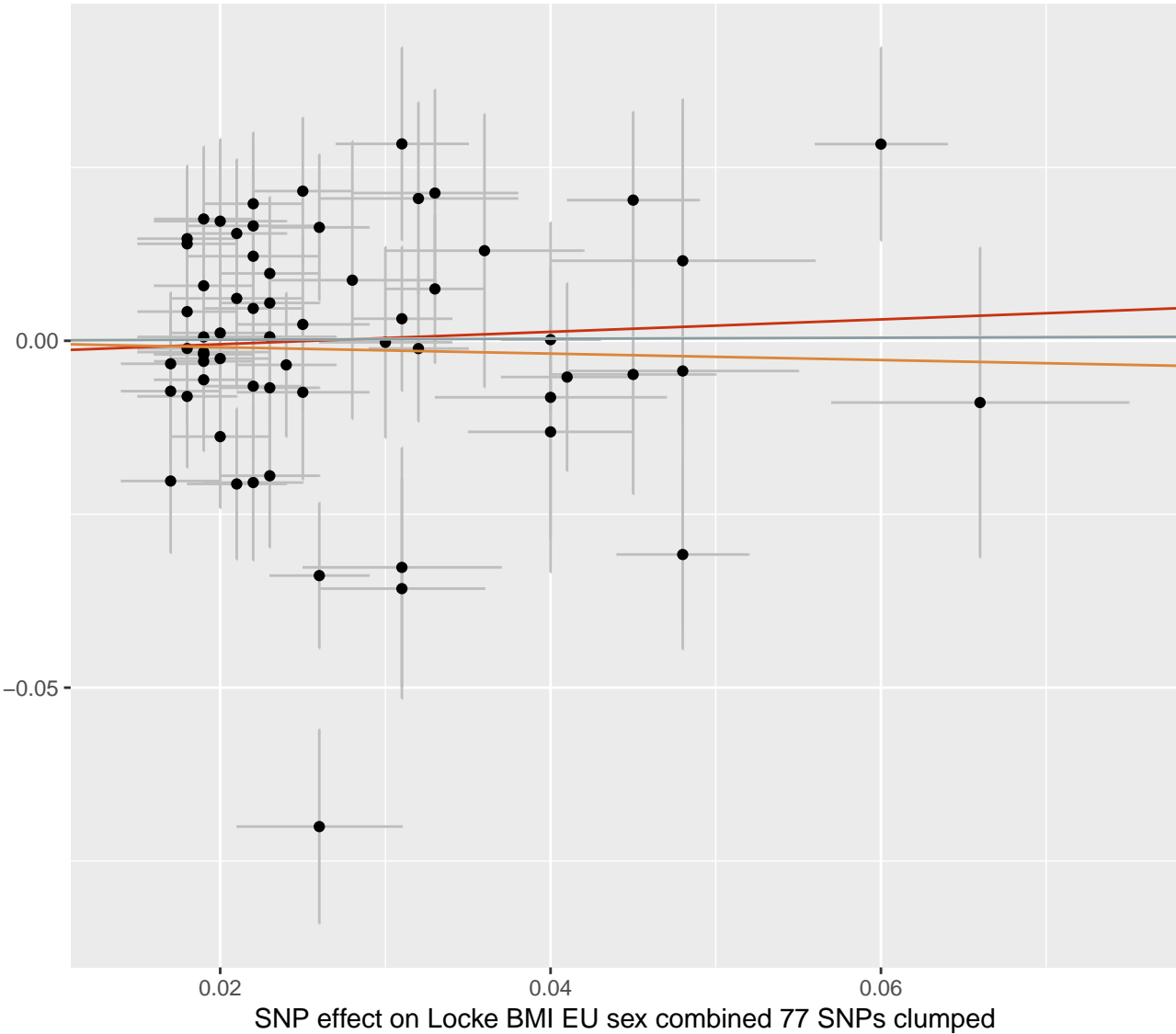
SNP effect on Triglycerides in very large VLDL || id:952



MR Test

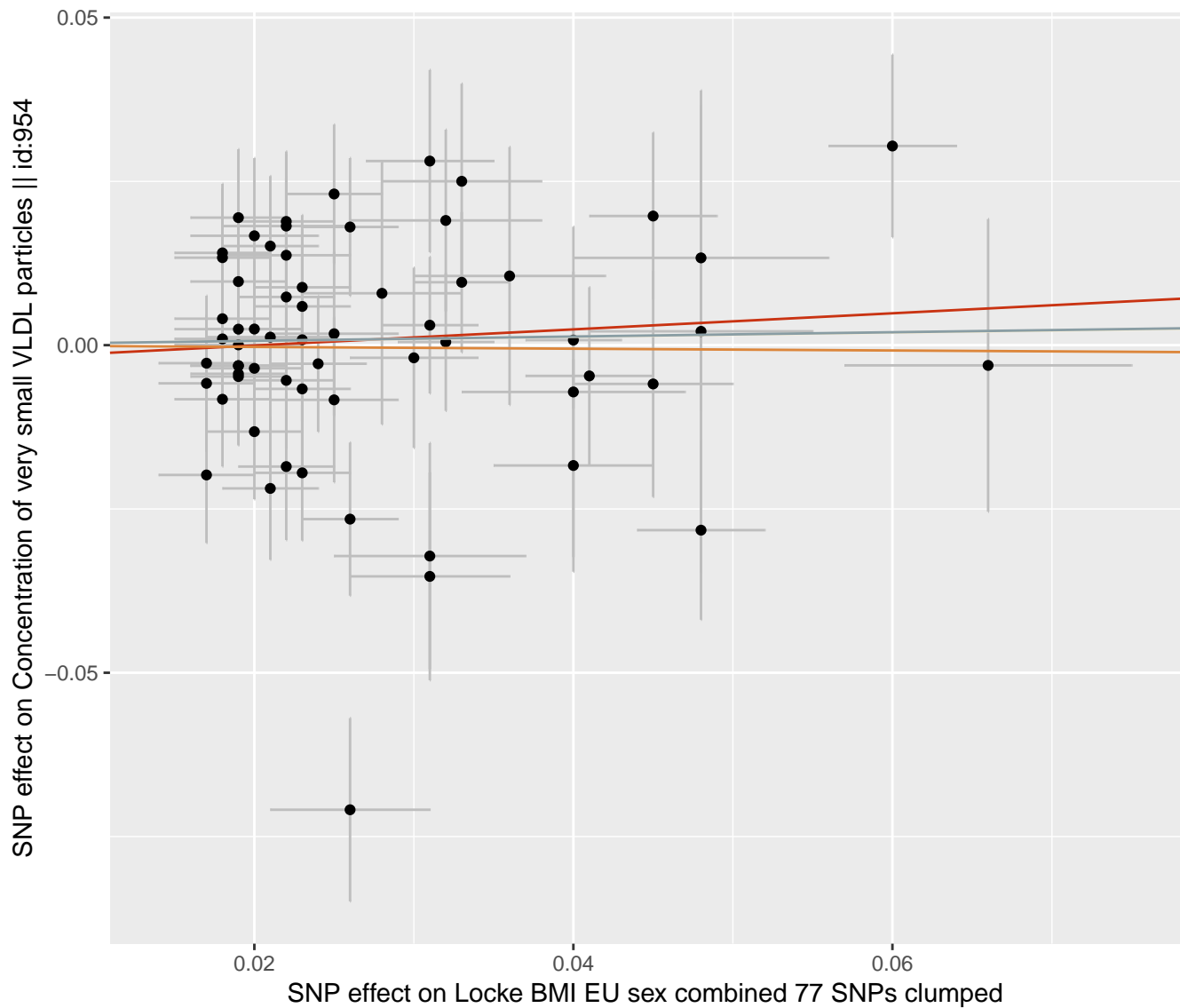
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode

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



MR Test

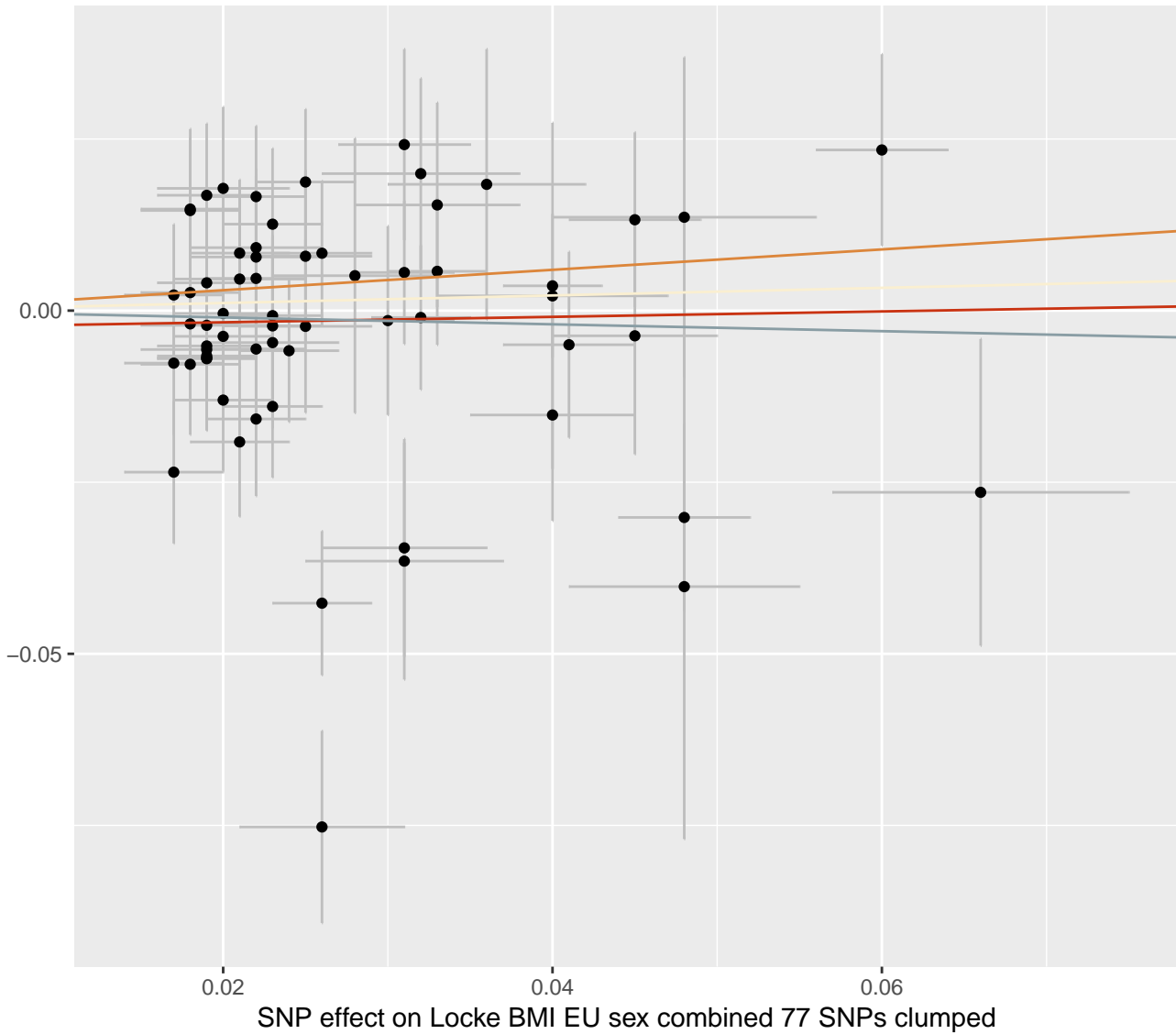
- Inverse variance weighted (multiplicative random effects)
- MR Egger
- Weighted median
- Weighted mode



MR Test

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

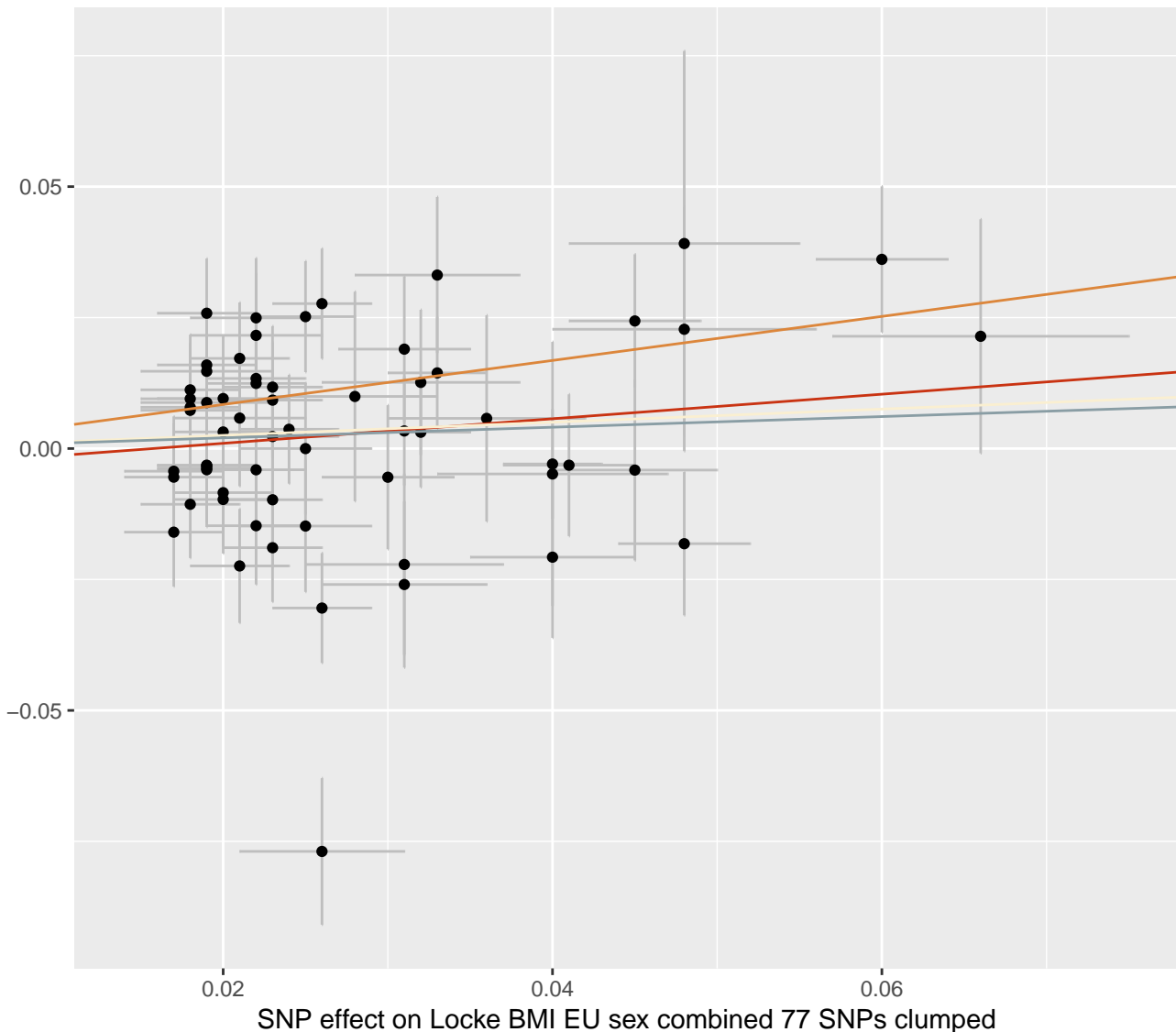
SNP effect on Phospholipids in very small VLDL || id:955



MR Test

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

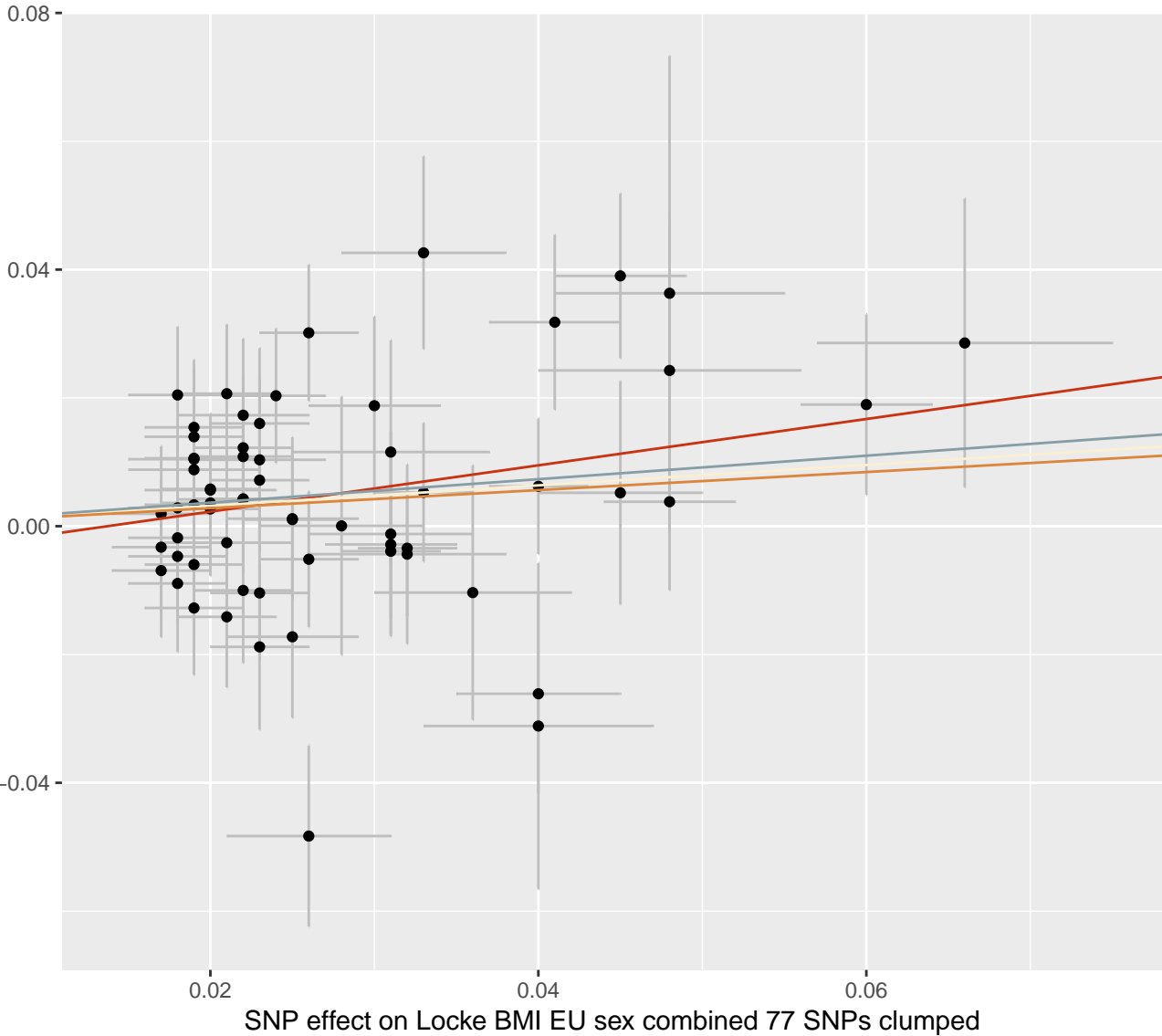
SNP effect on Triglycerides in very small VLDL || id:956



MR Test

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

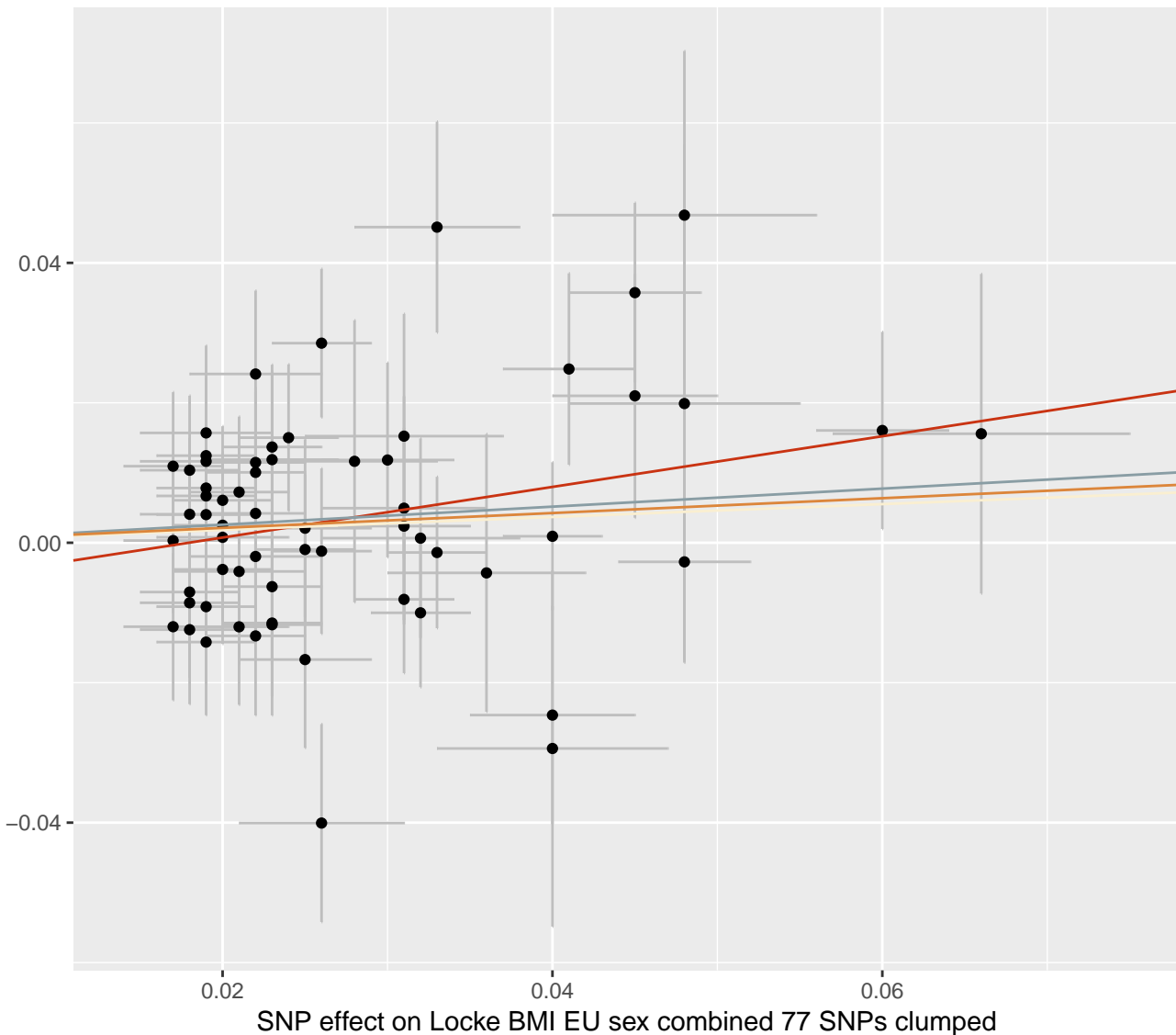
SNP effect on Total lipids in chylomicrons and largest VLDL particles || id:957



MR Test

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

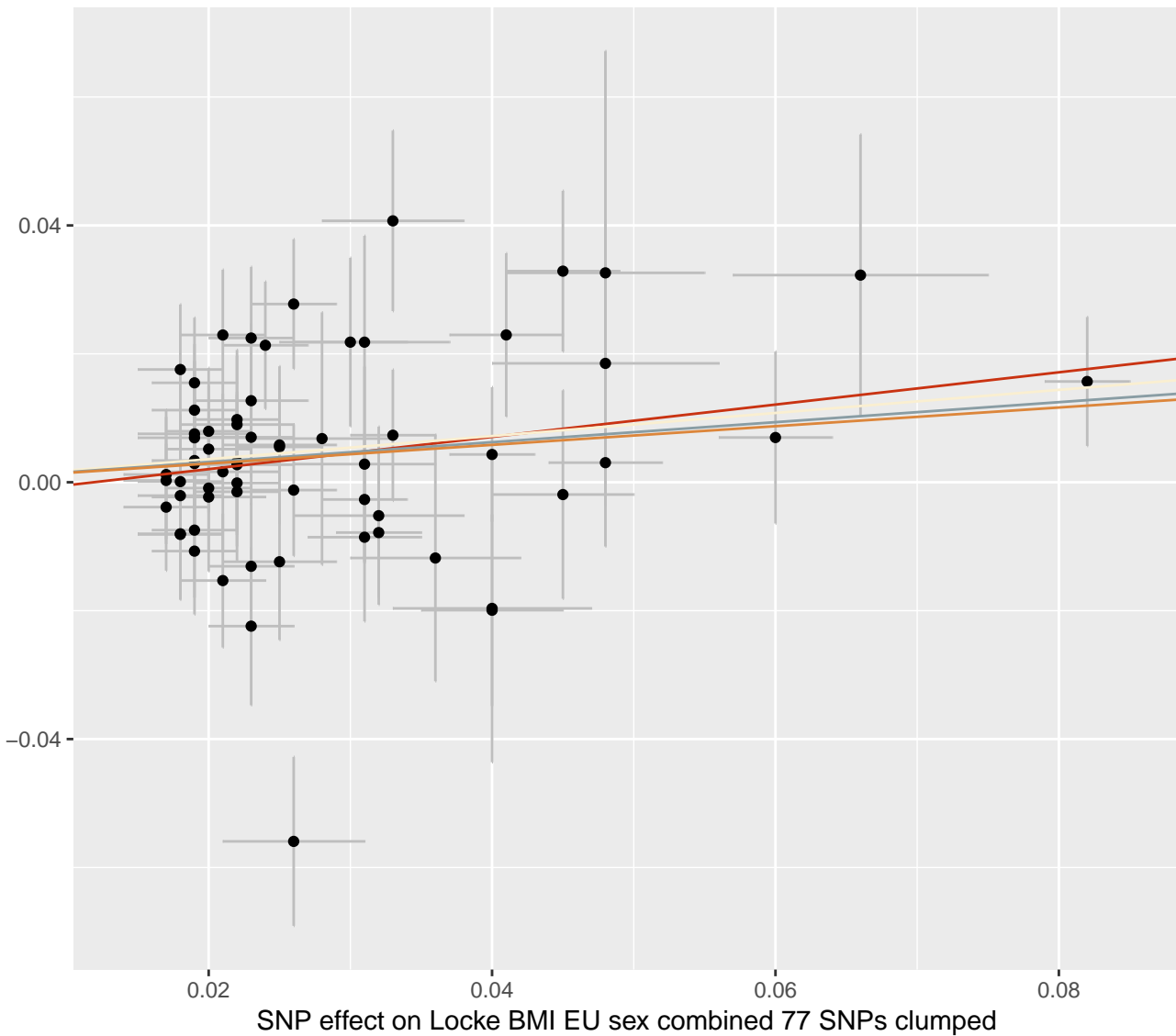
SNP effect on Concentration of chylomicrons and largest VLDL particles || id:958



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



MR Test

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

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

