

MR Test



Inverse variance weighted (multiplicative random effects)



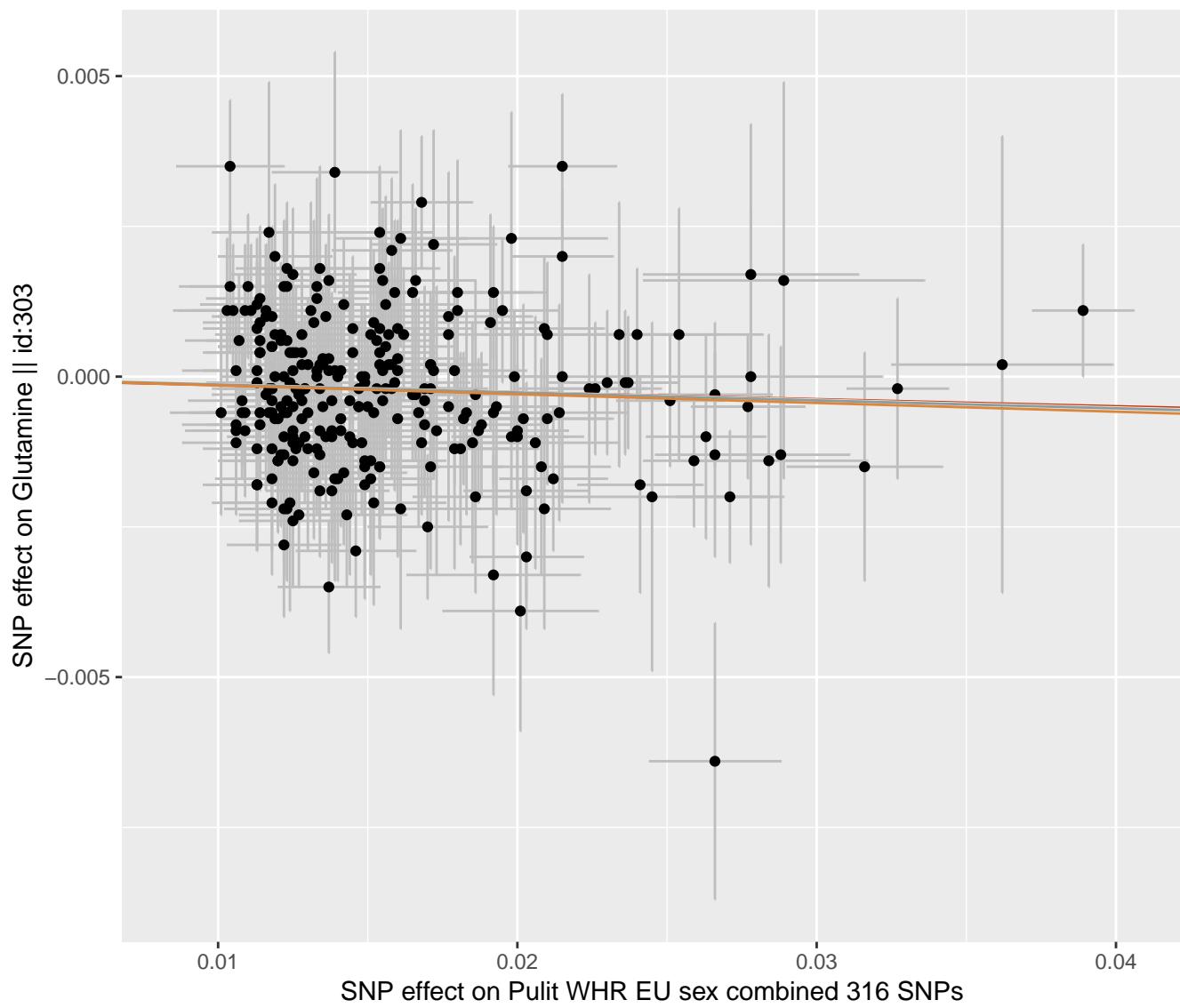
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

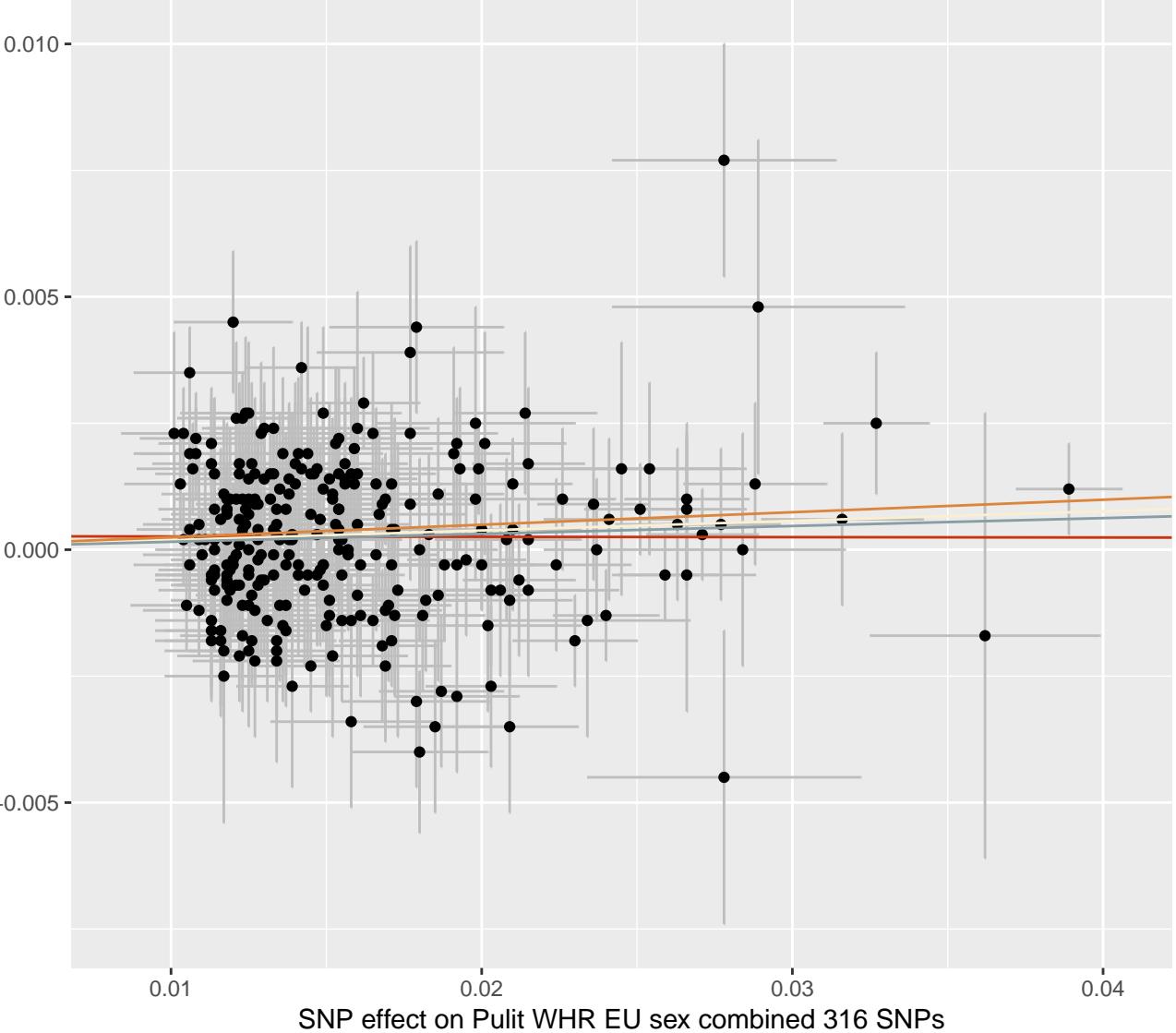


Weighted median



Weighted mode

SNP effect on Tryptophan || id:304



MR Test



Inverse variance weighted (multiplicative random effects)



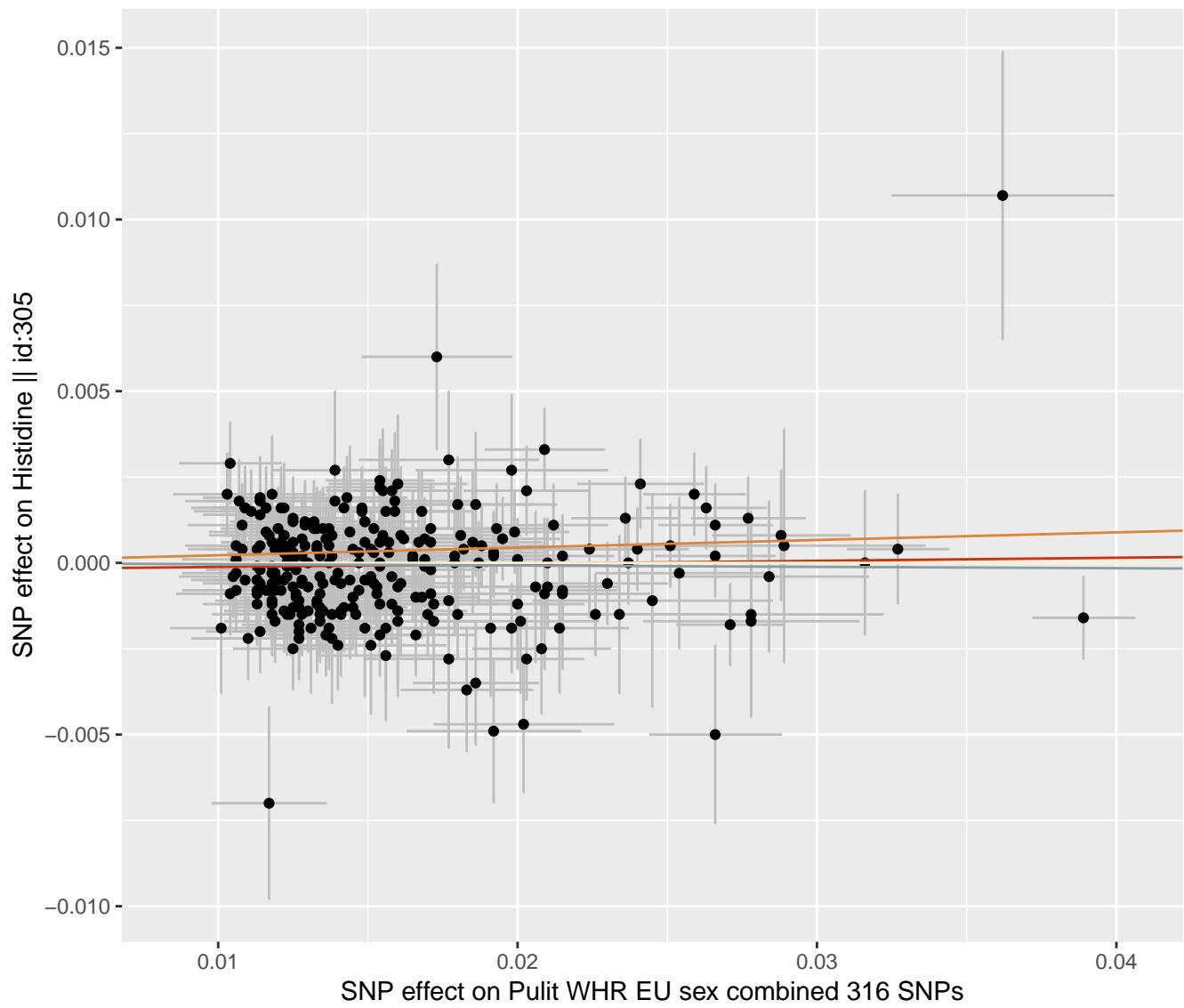
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



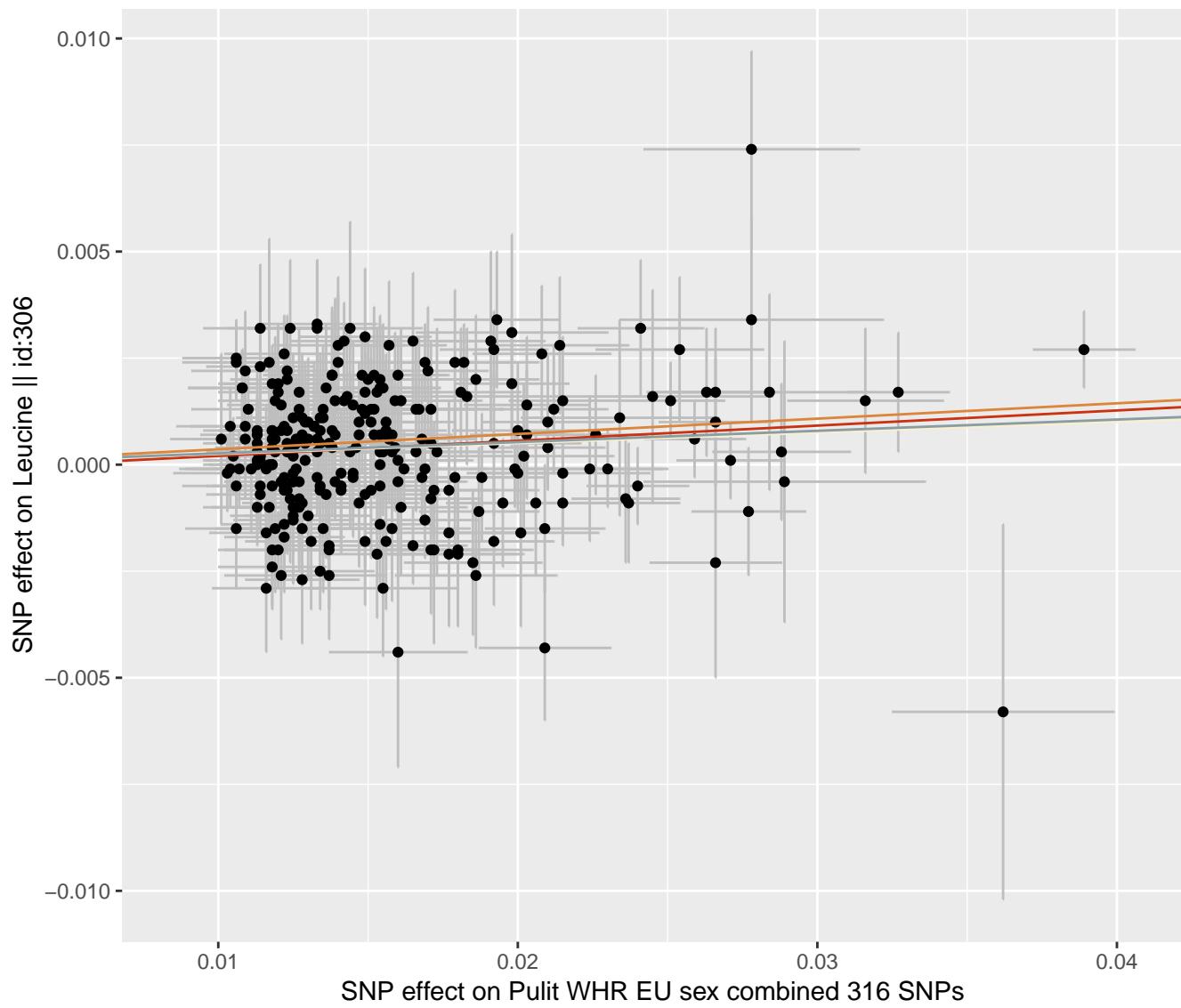
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



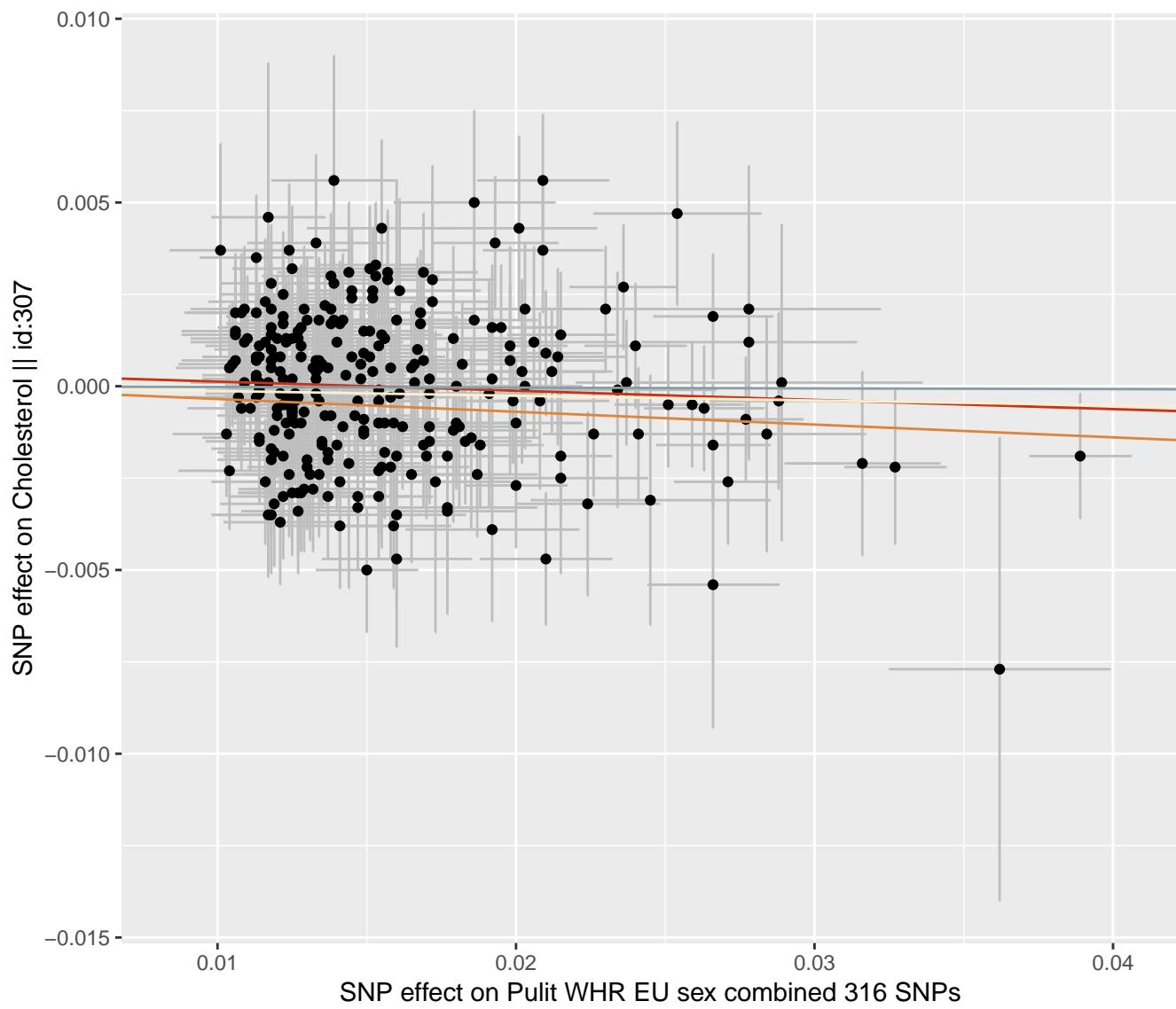
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



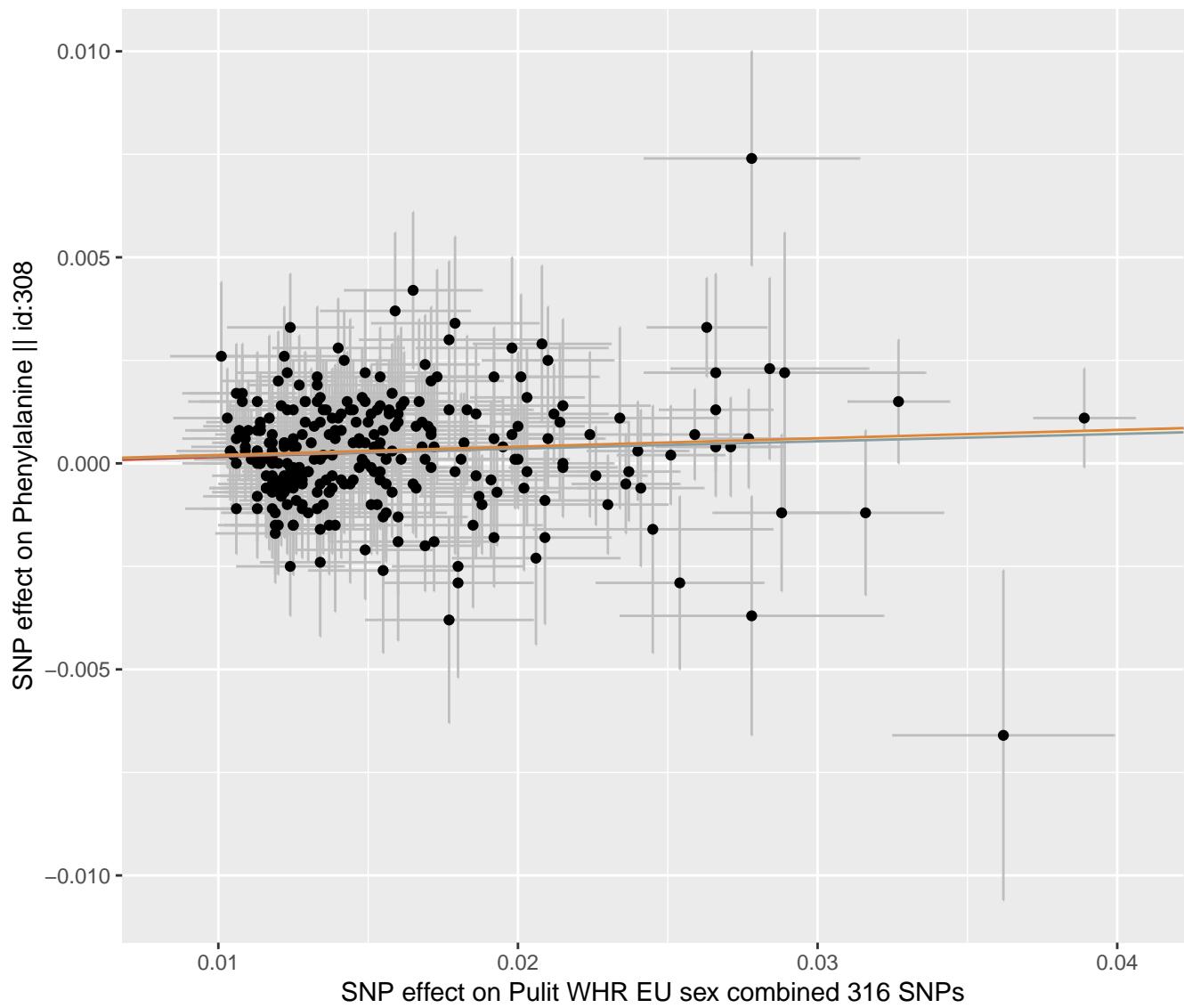
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



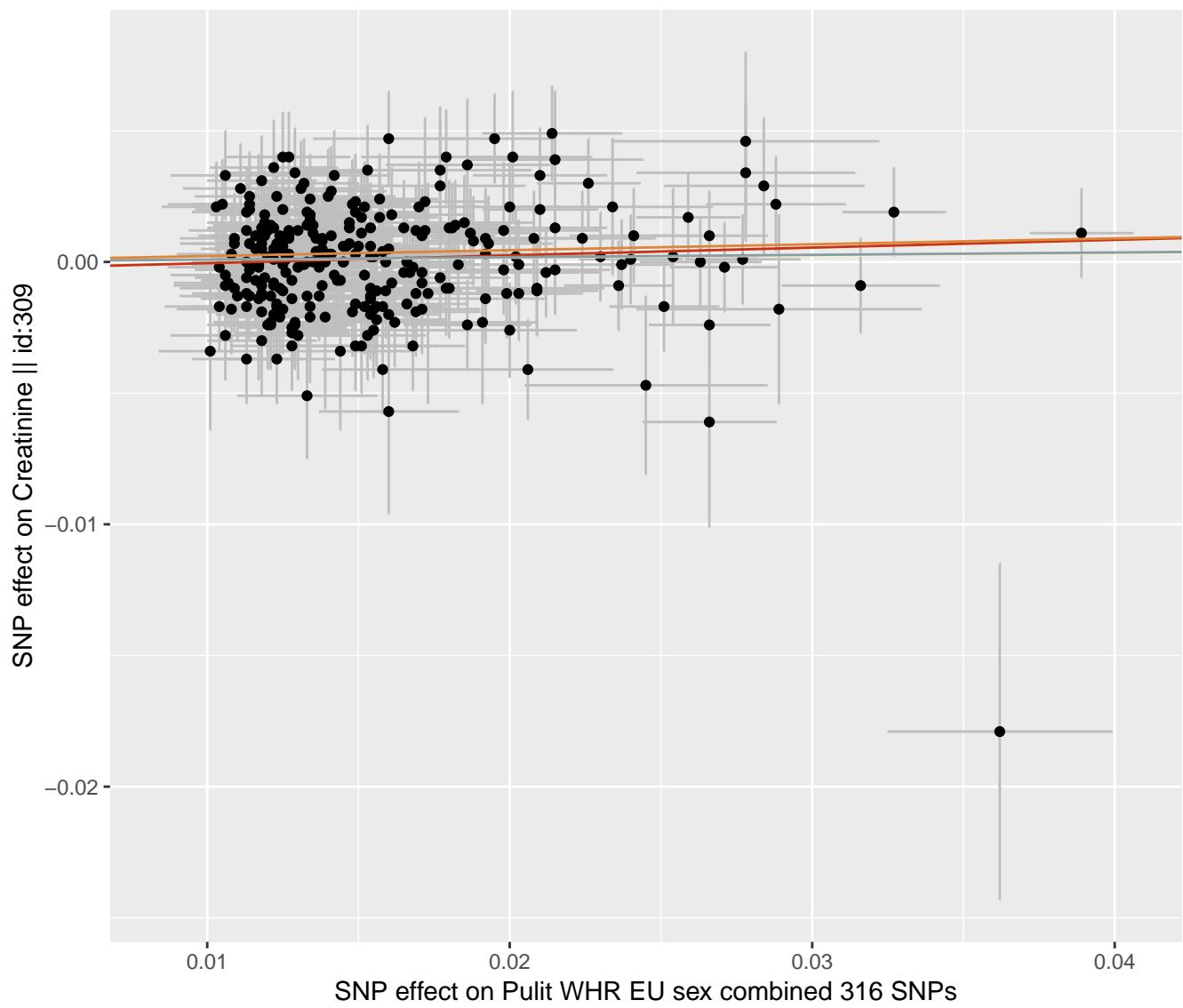
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



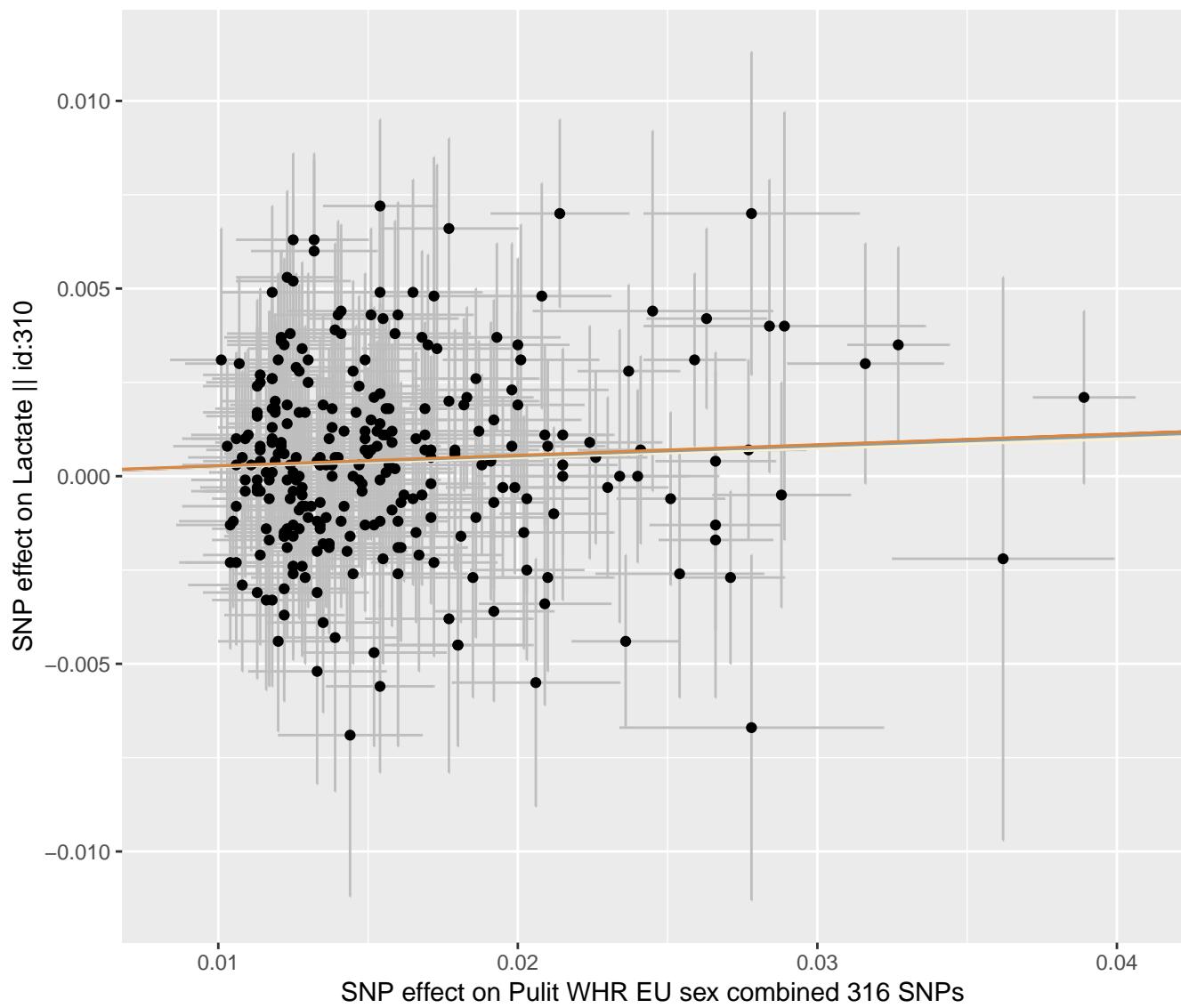
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



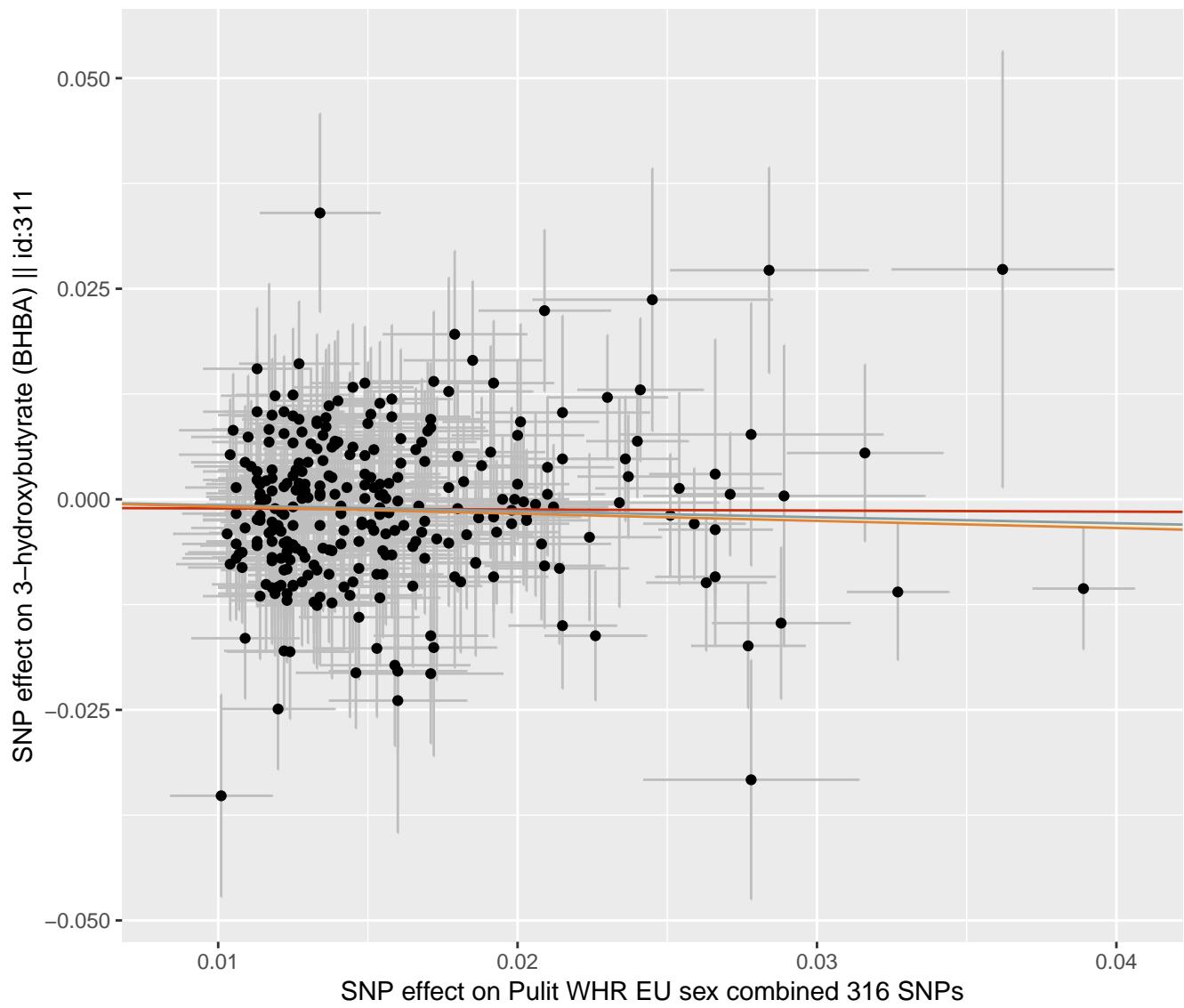
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



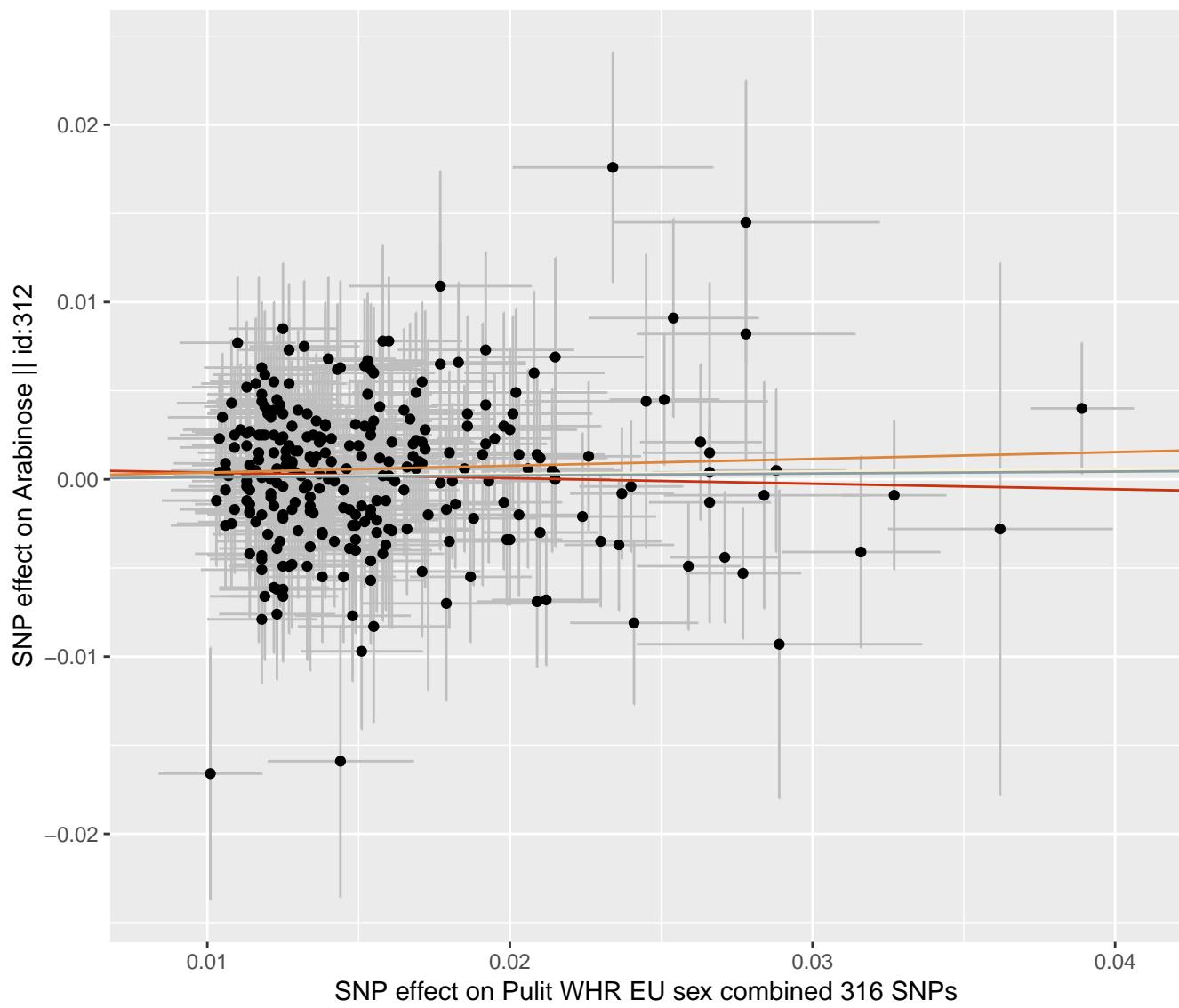
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on Fructose || id:313

0.01

0.02

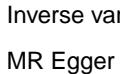
0.03

0.04

SNP effect on Pulit WHR EU sex combined 316 SNPs

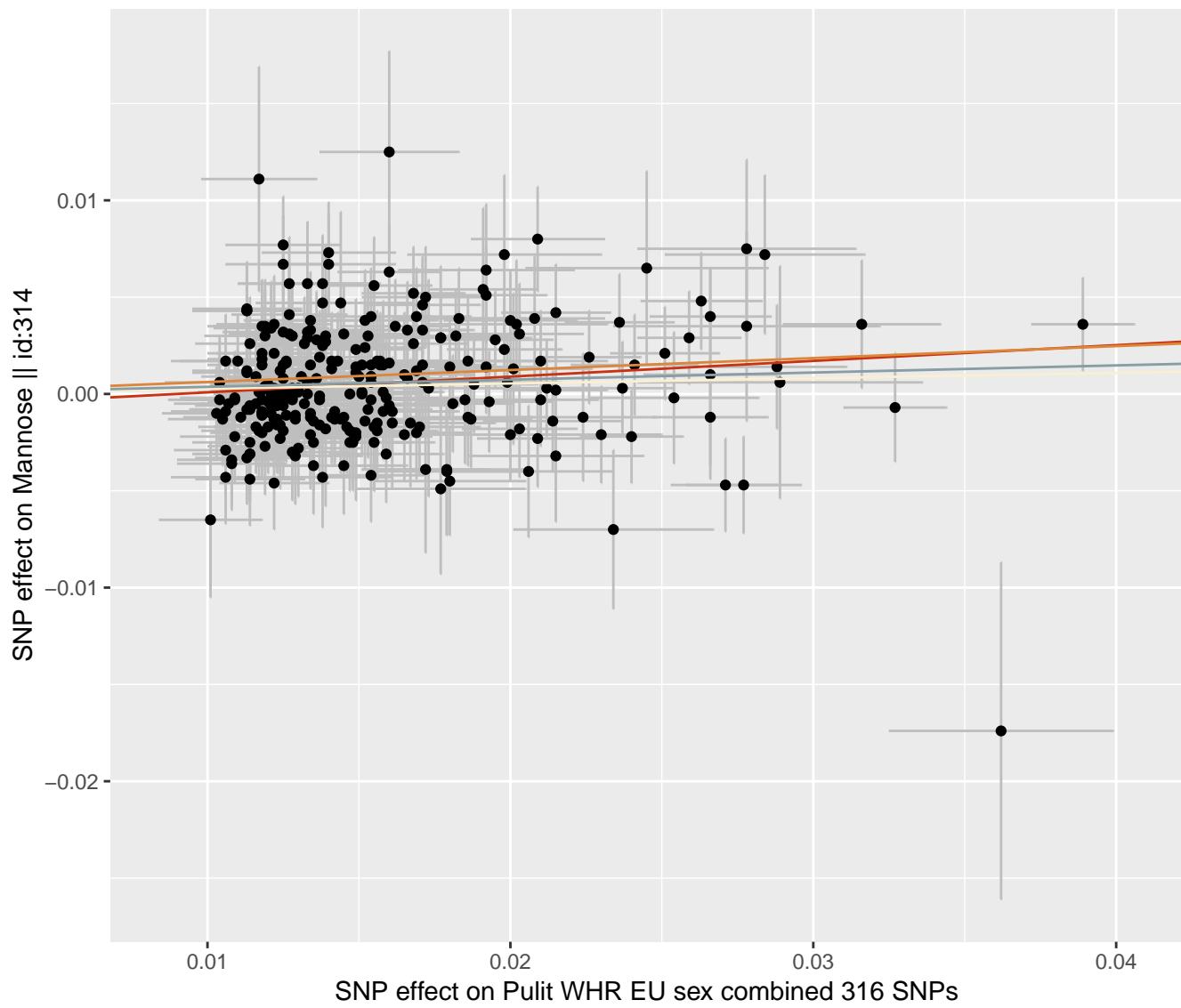
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

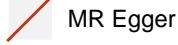
 Weighted median

 Weighted mode

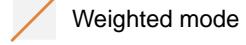


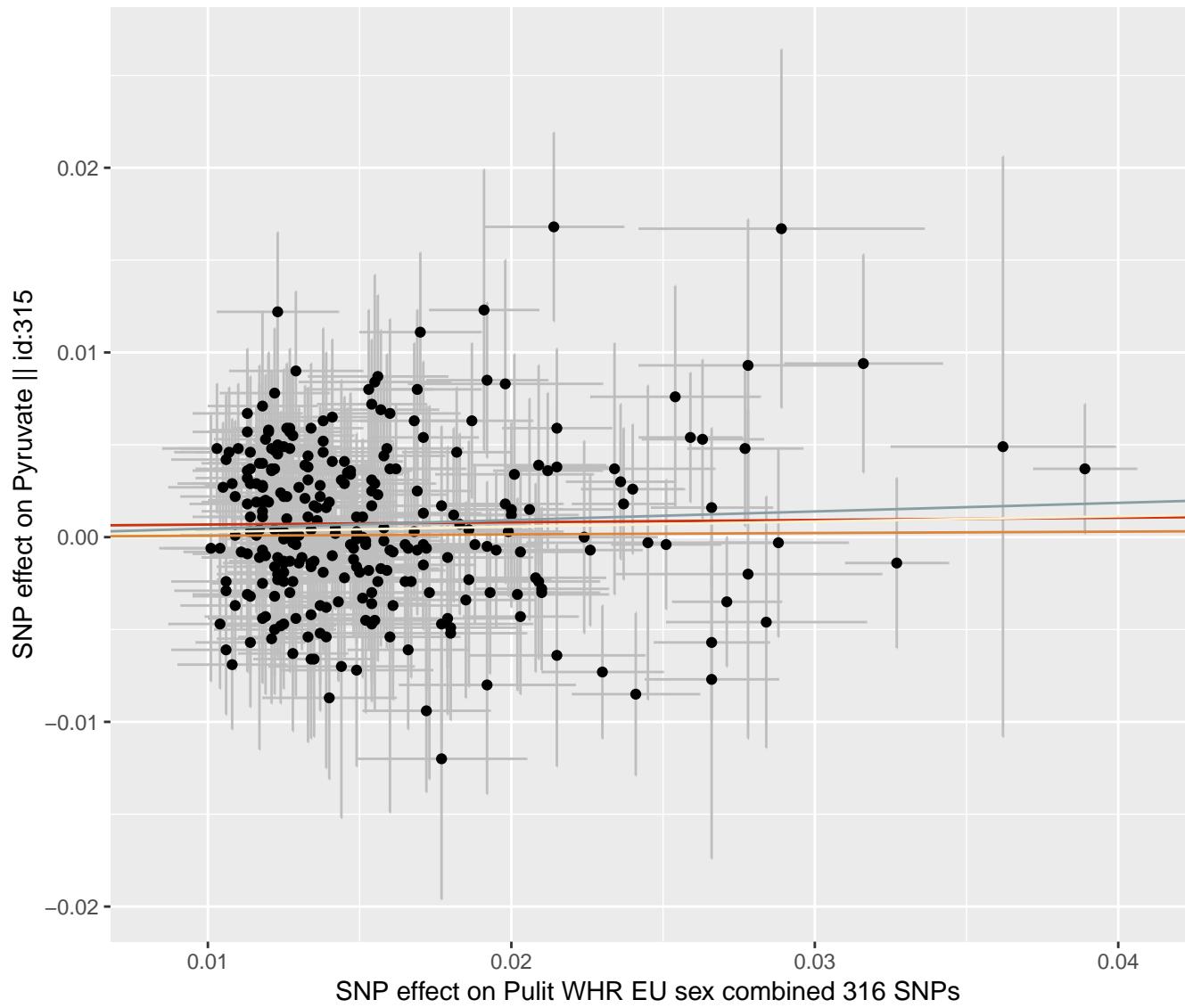
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

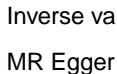
 Weighted median

 Weighted mode



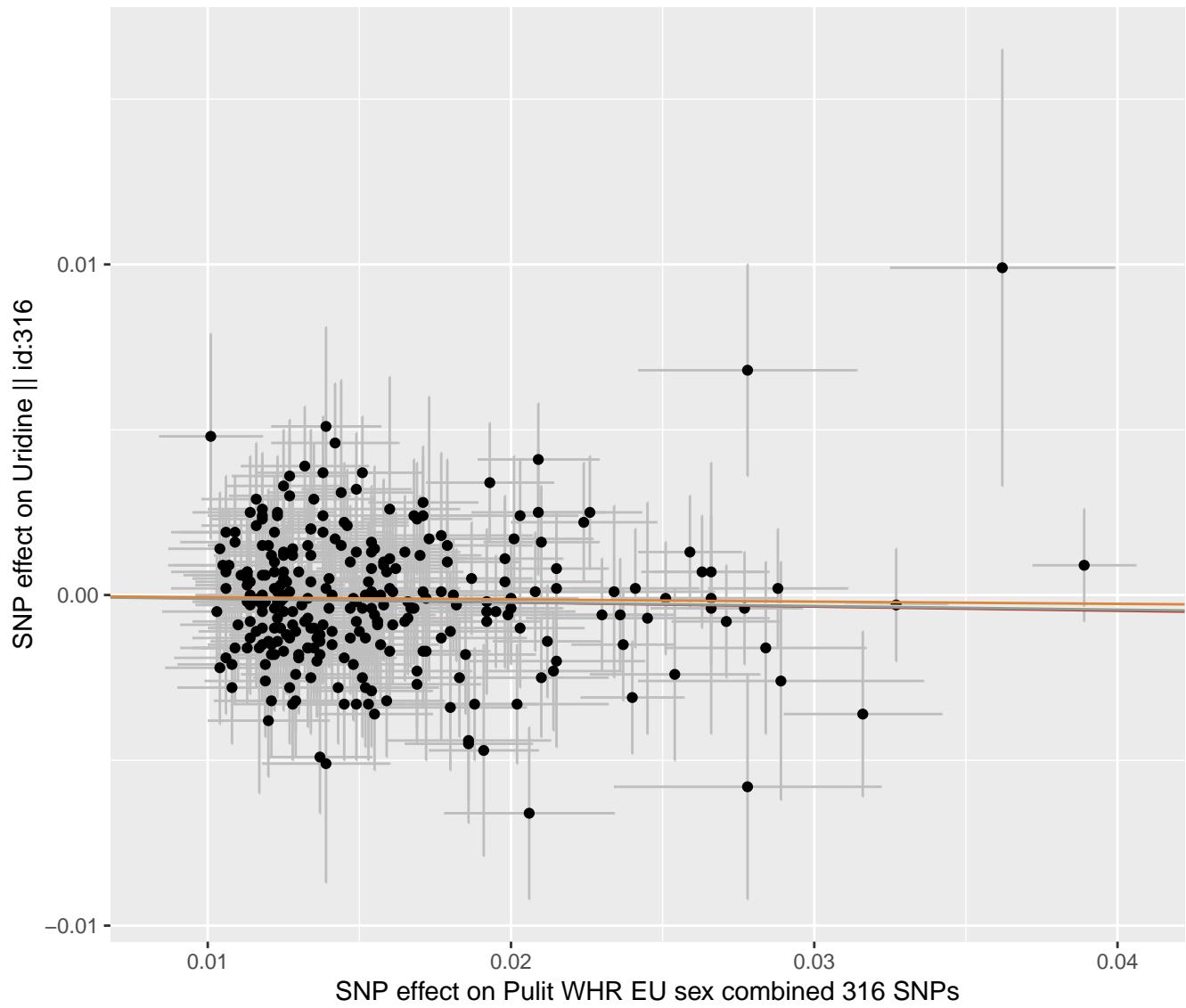
MR Test

 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 Linoleate (18:2n6) || id:317

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

-0.01

MR Test



Inverse variance weighted (multiplicative random effects)



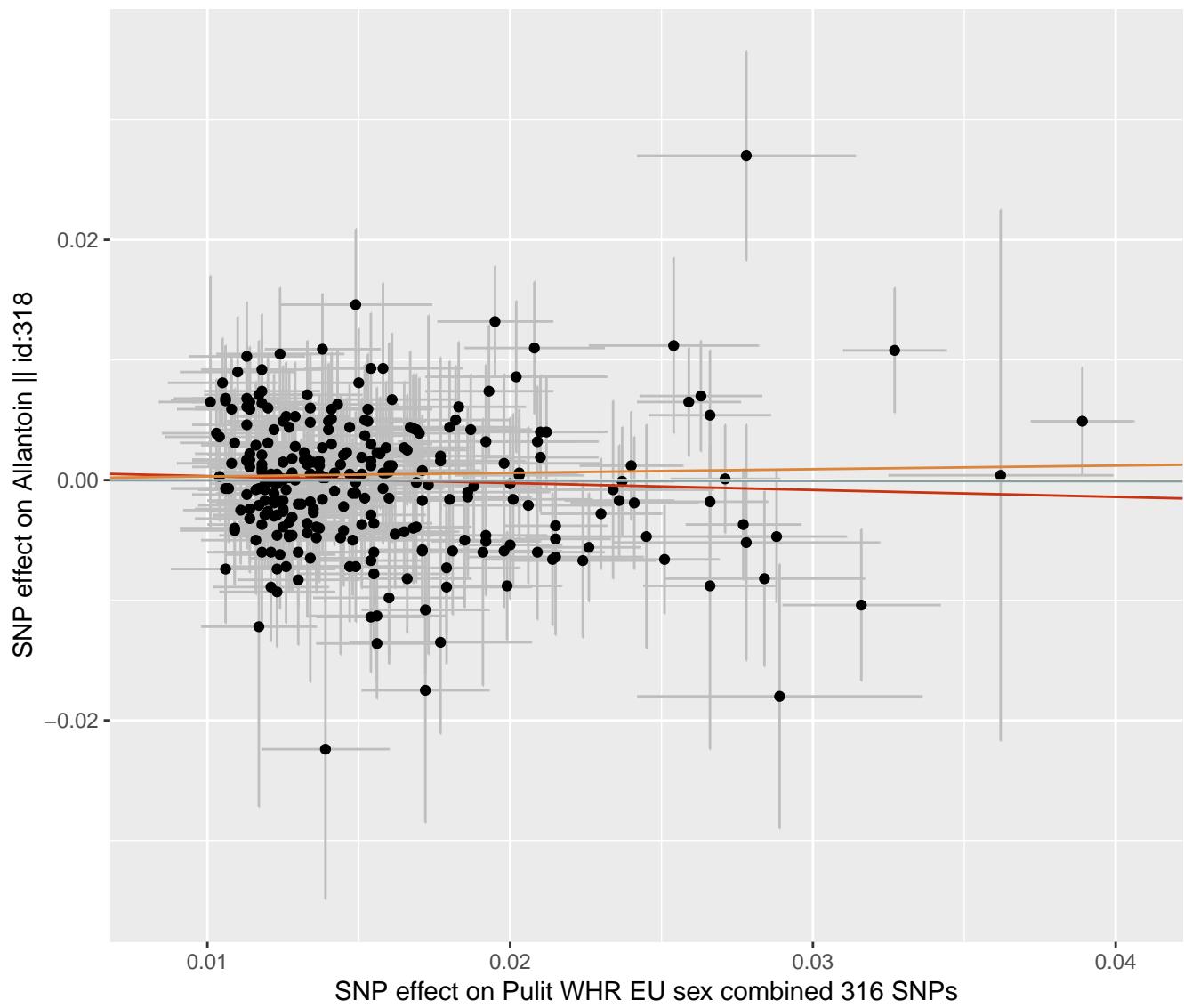
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



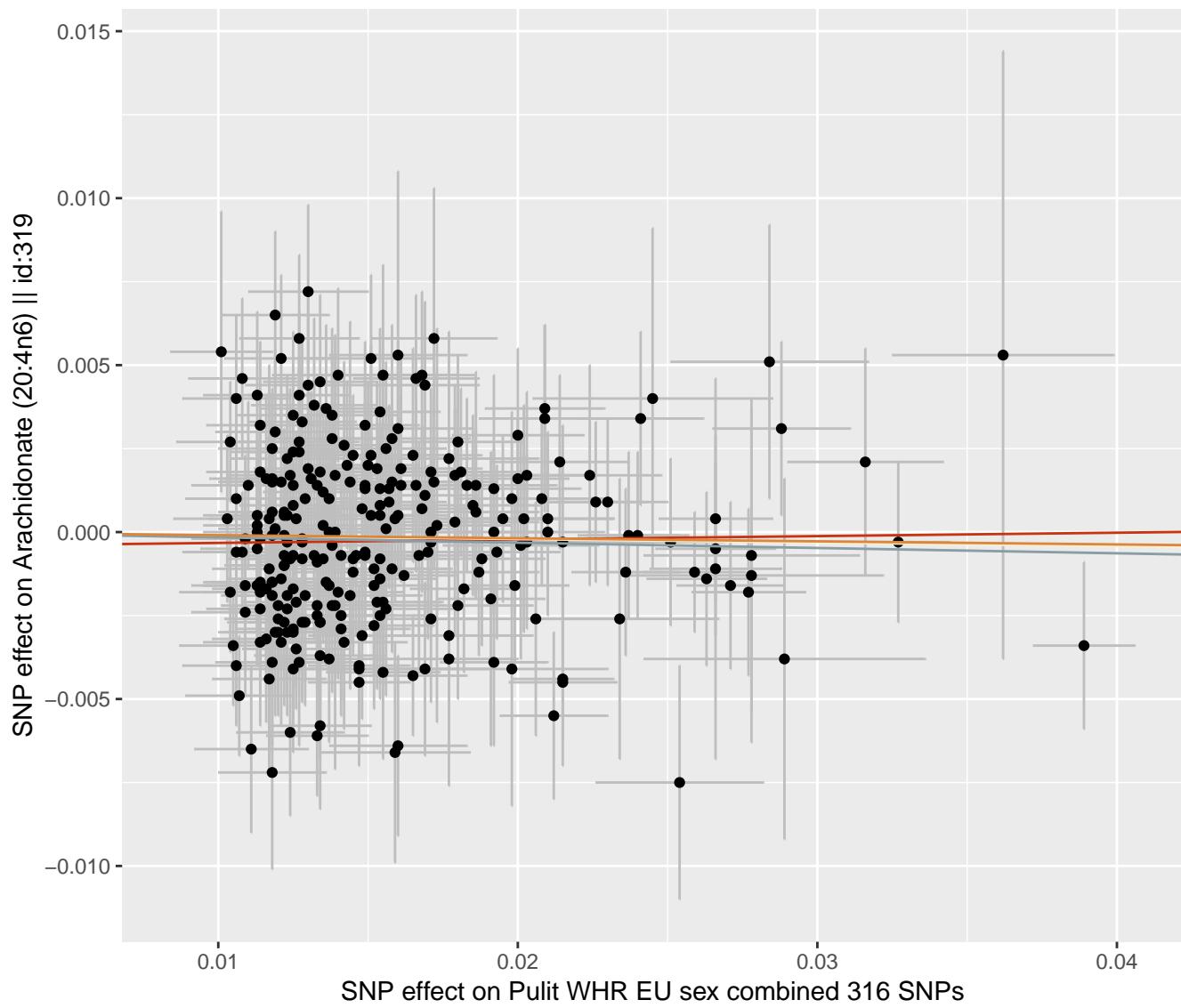
MR Egger



Weighted median



Weighted mode



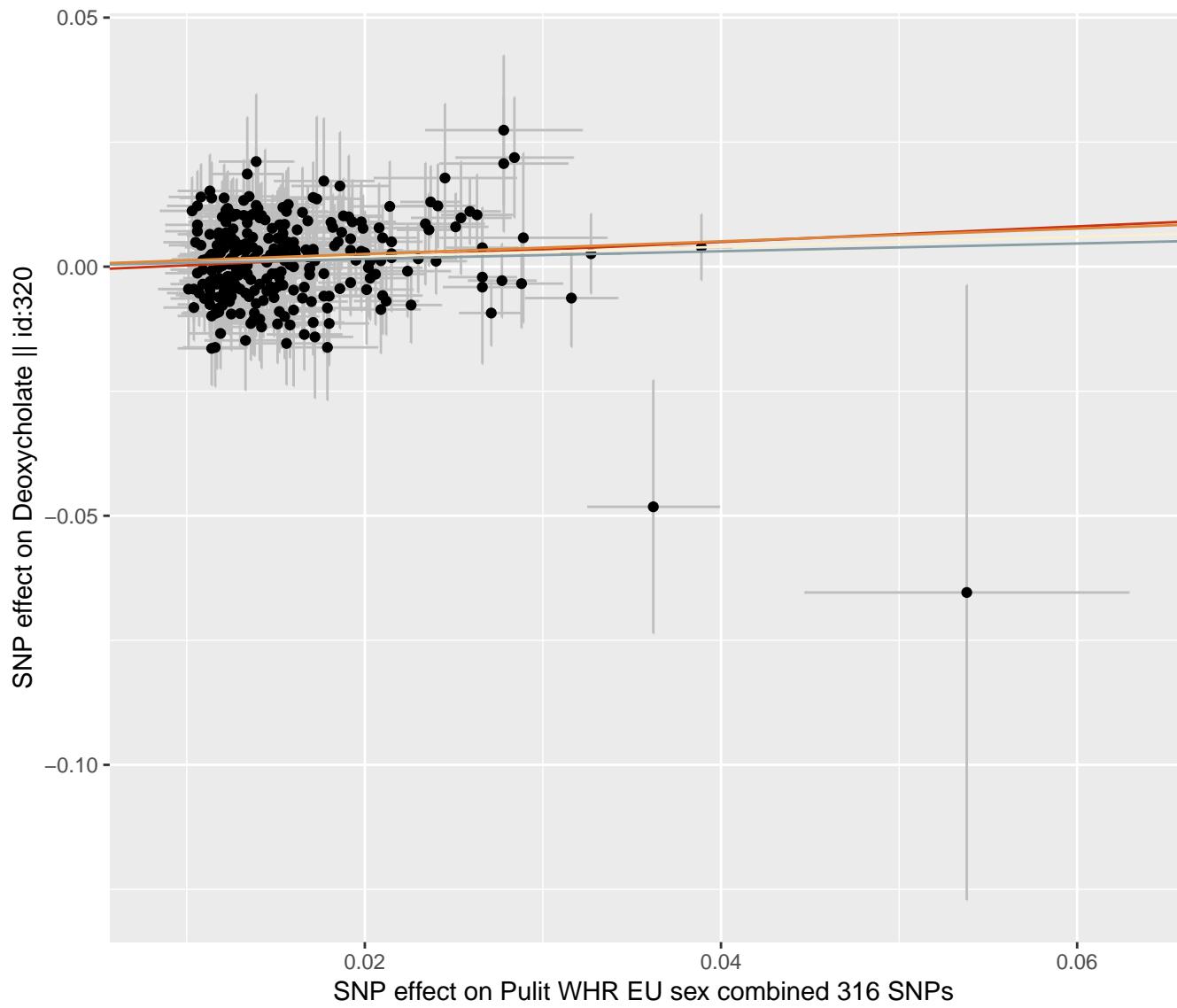
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

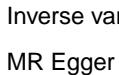
 Weighted median

 Weighted mode



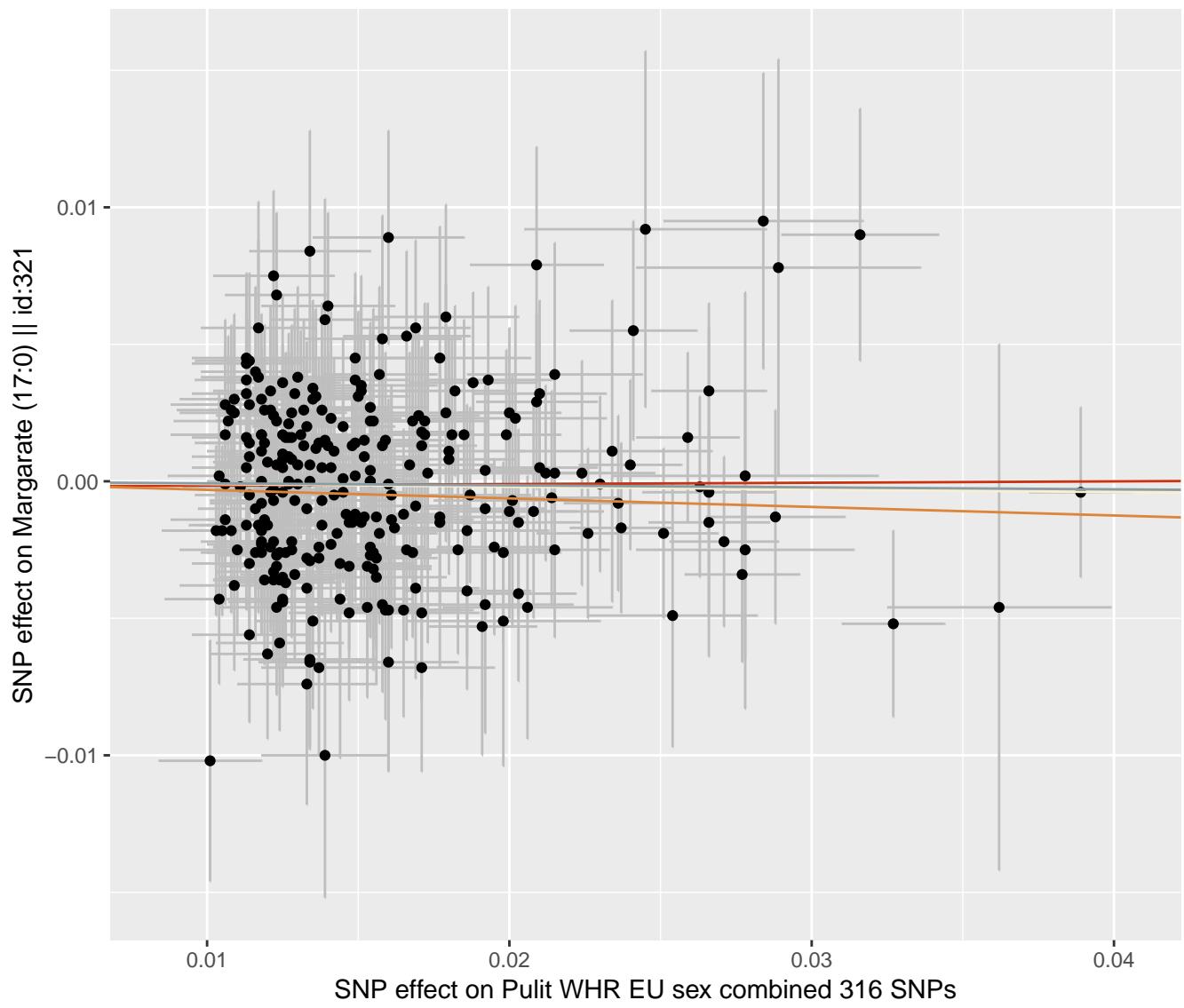
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



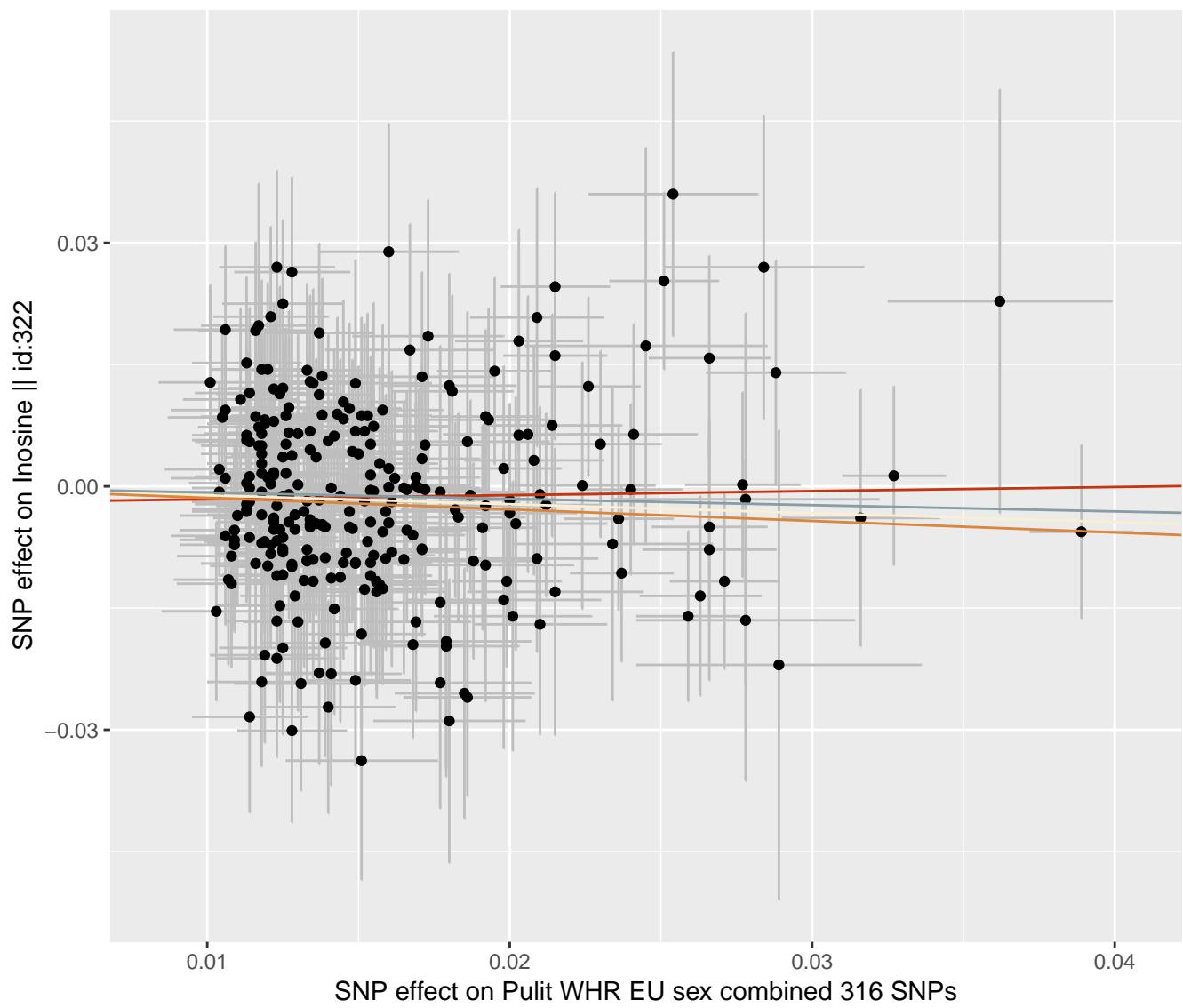
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



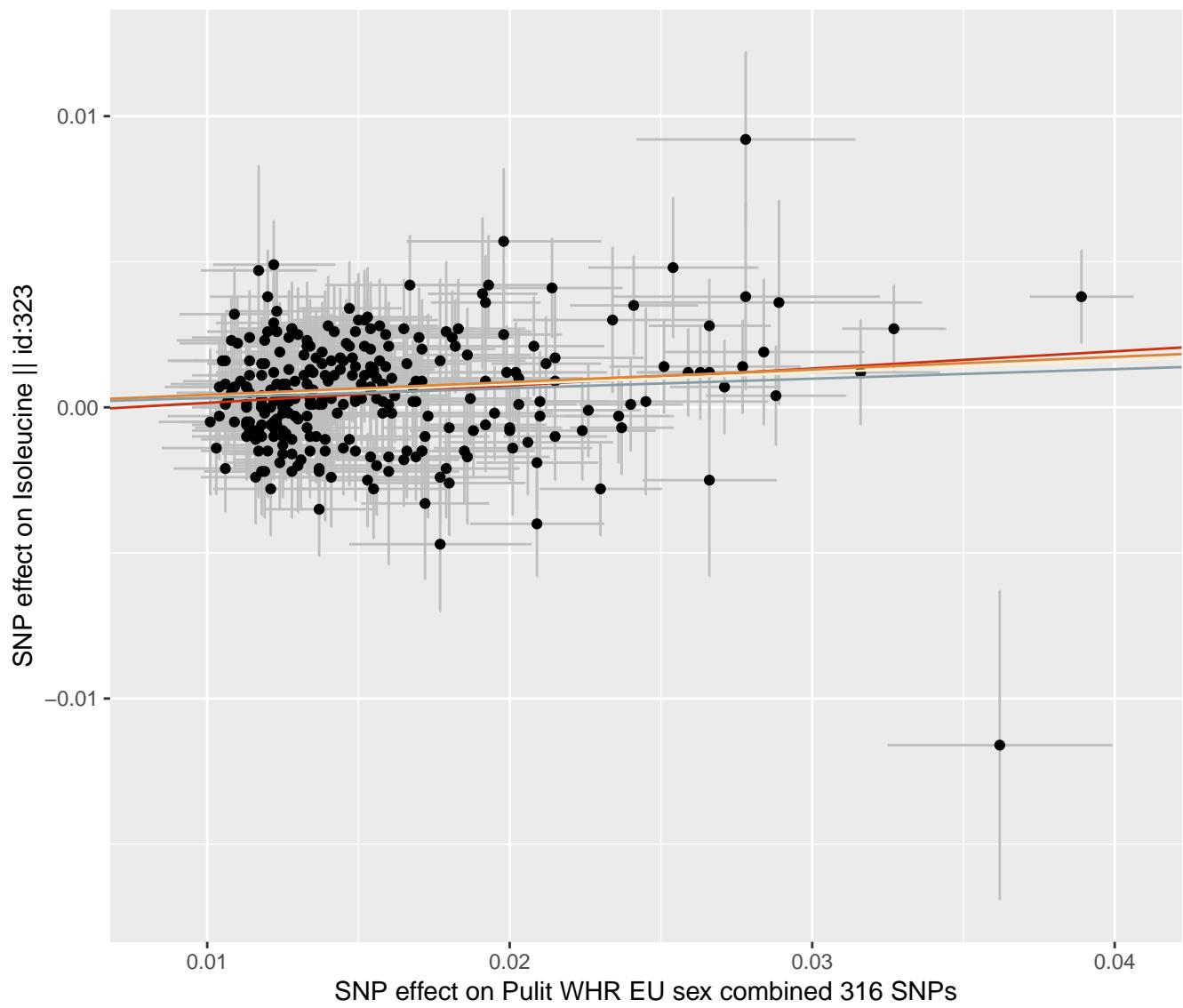
MR Egger



Weighted median



Weighted mode



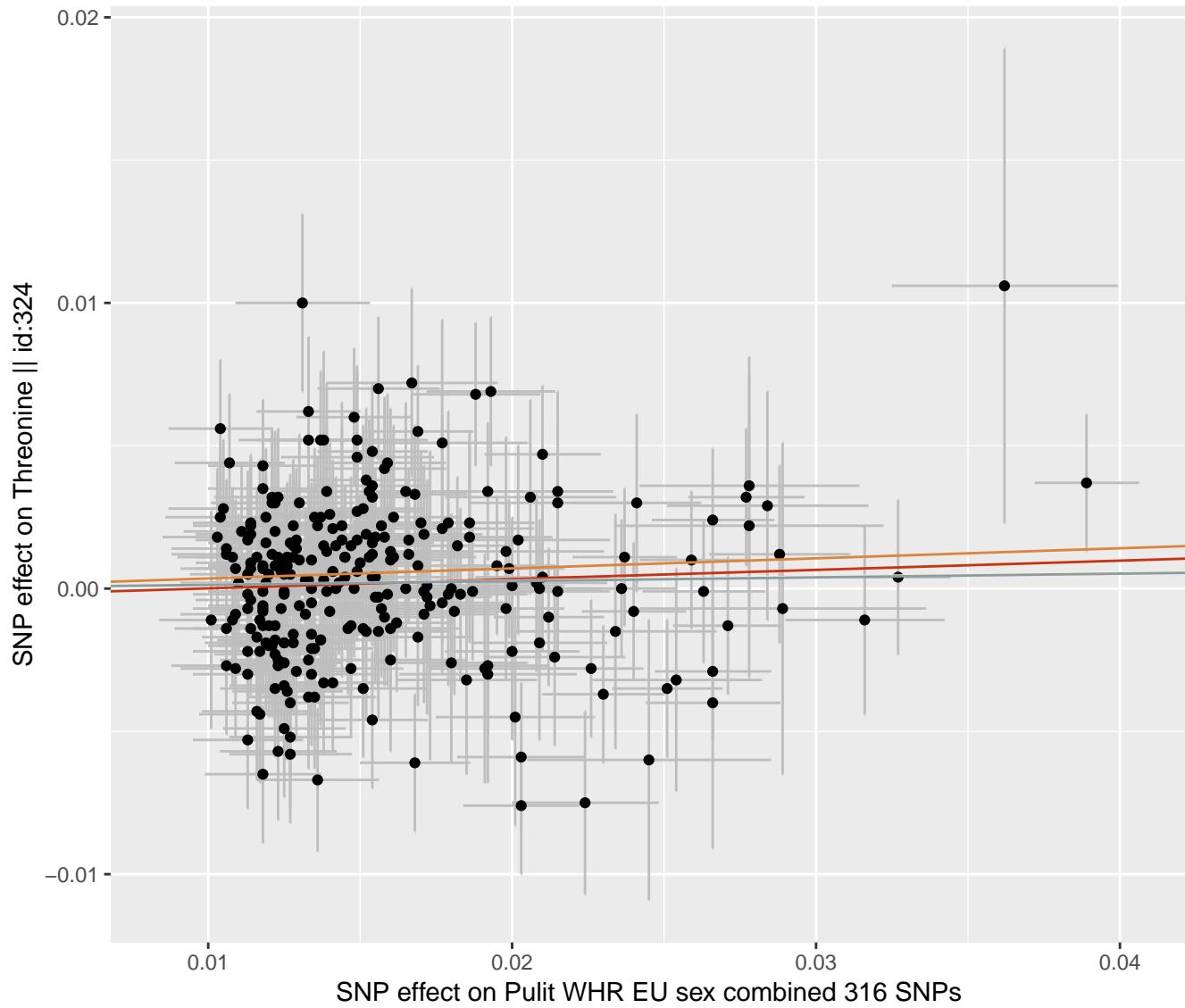
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



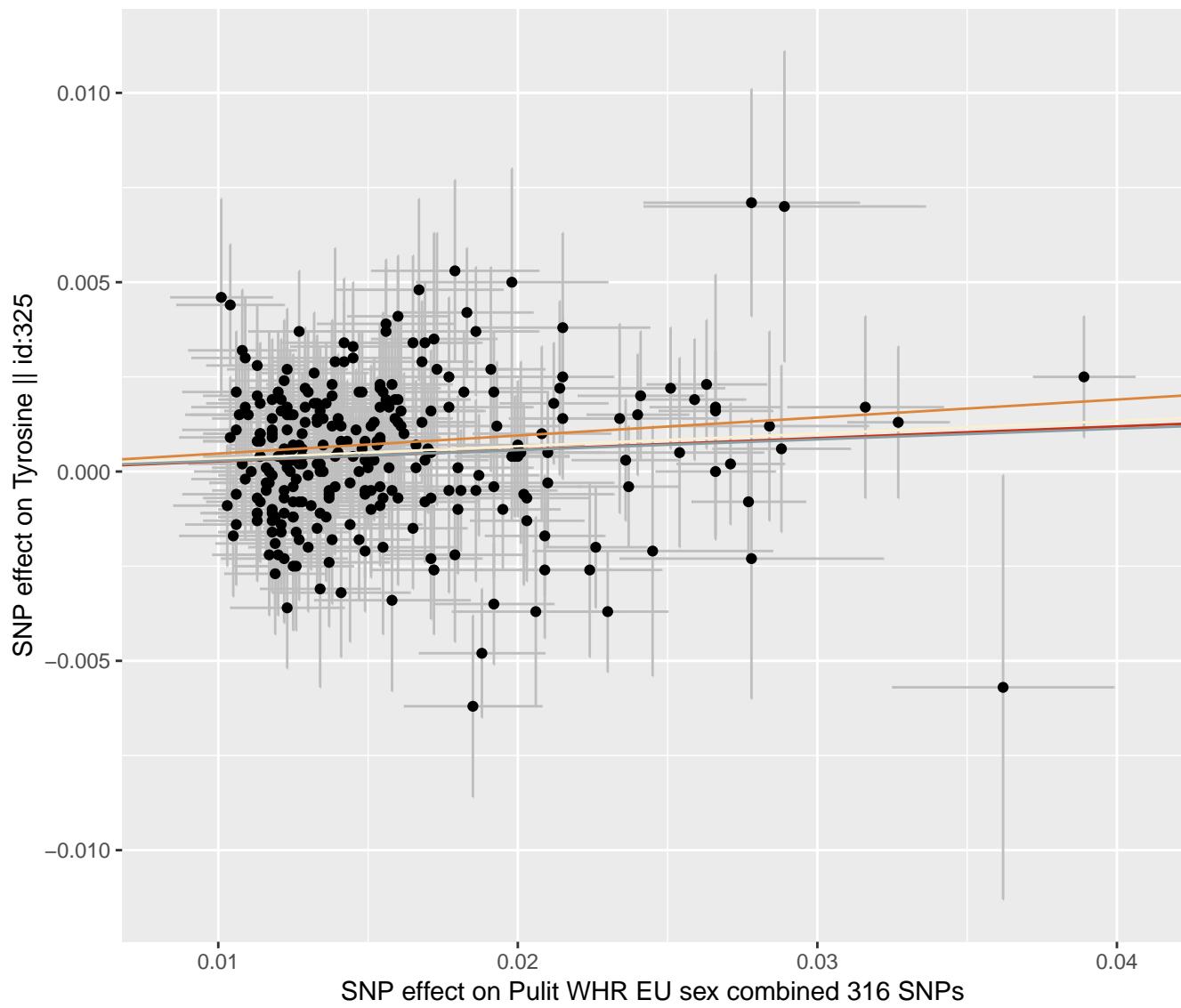
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



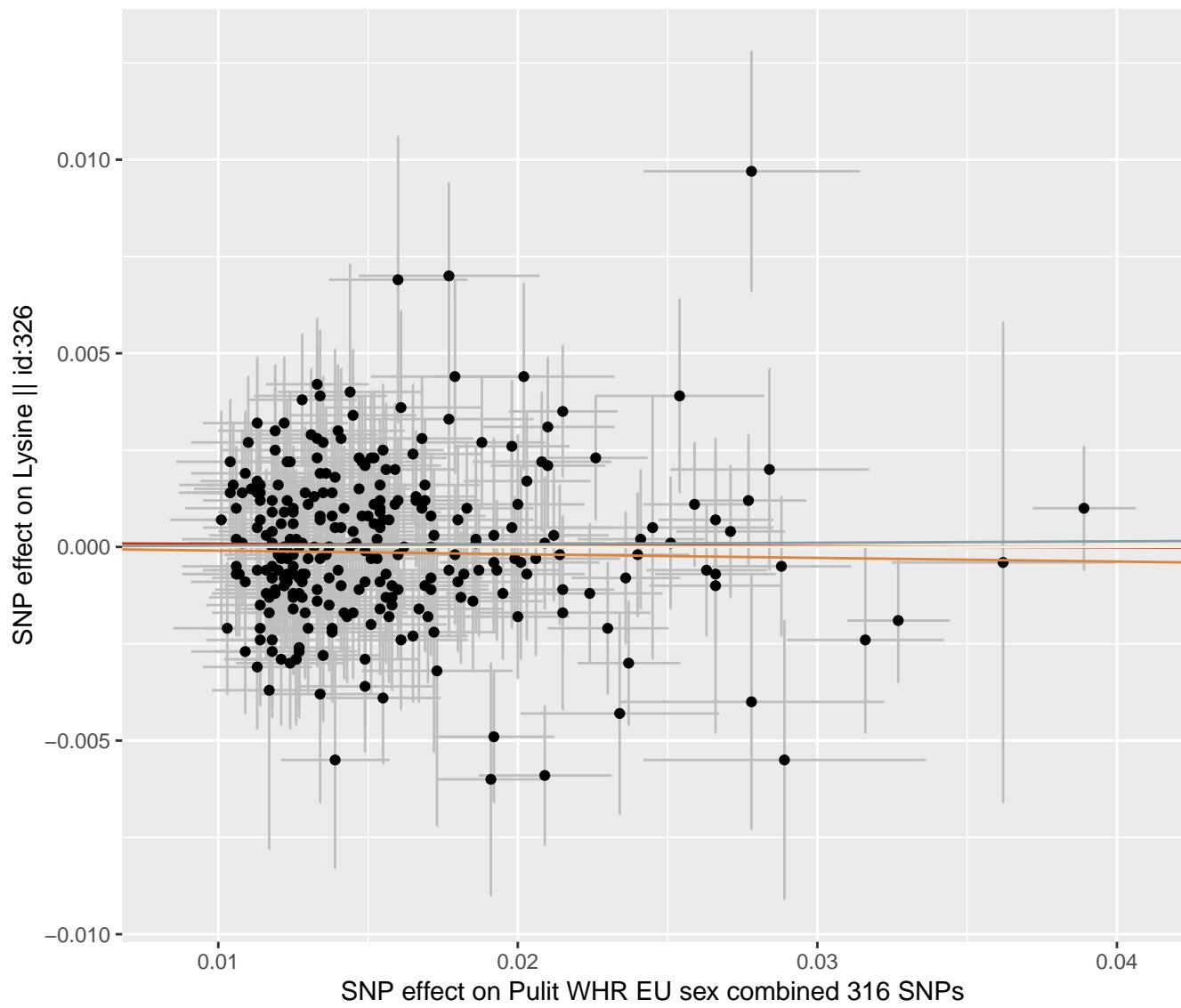
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



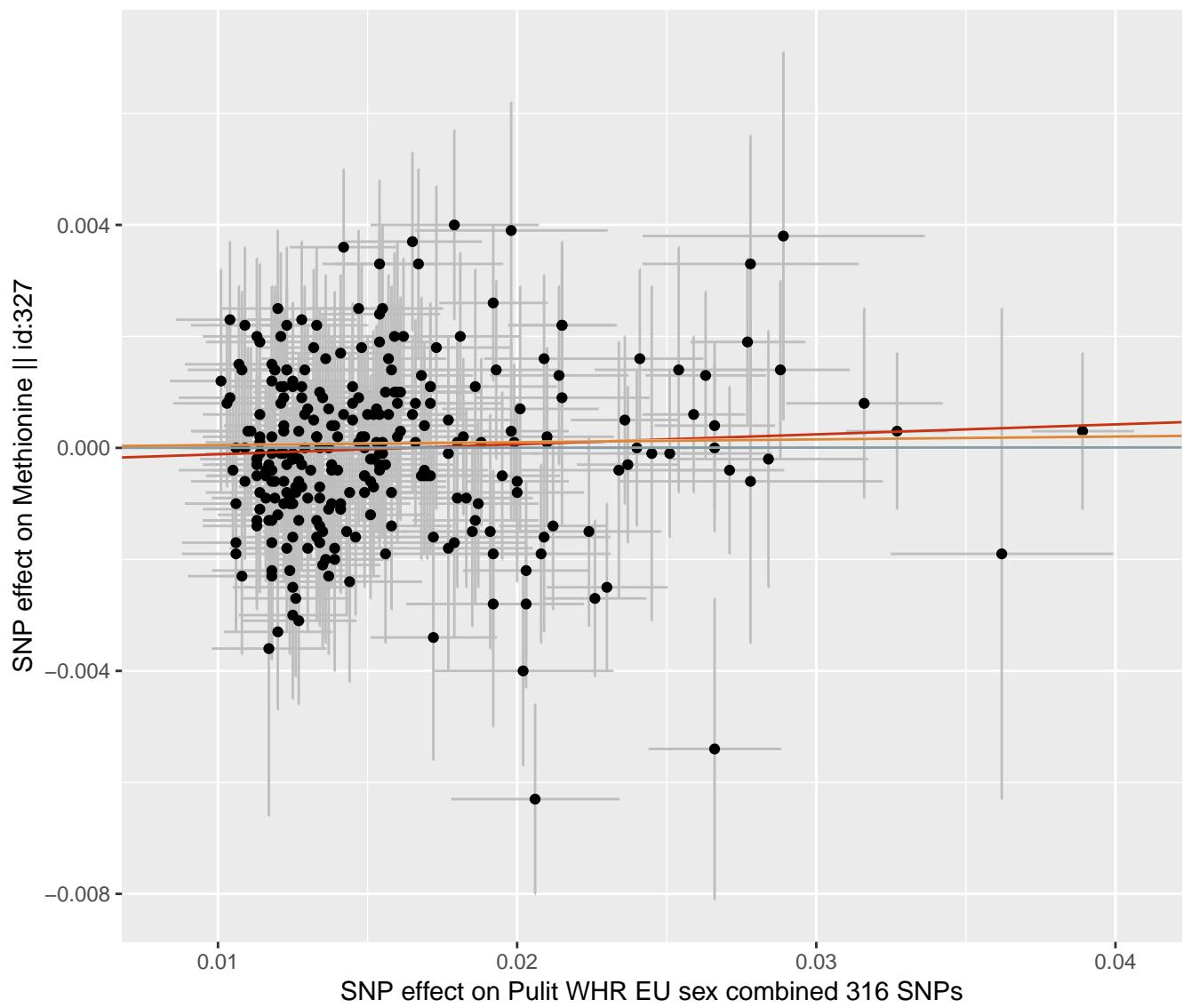
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



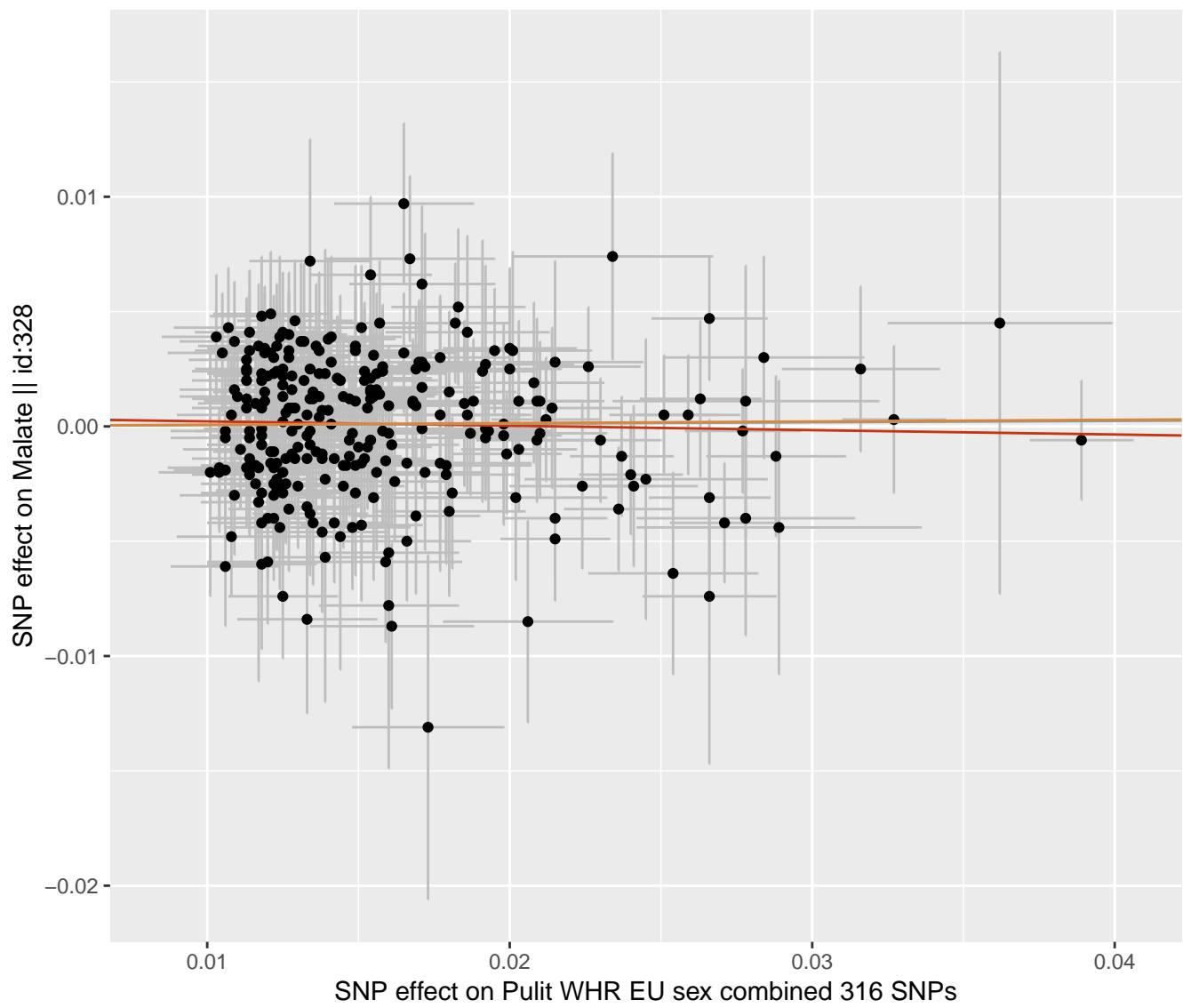
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



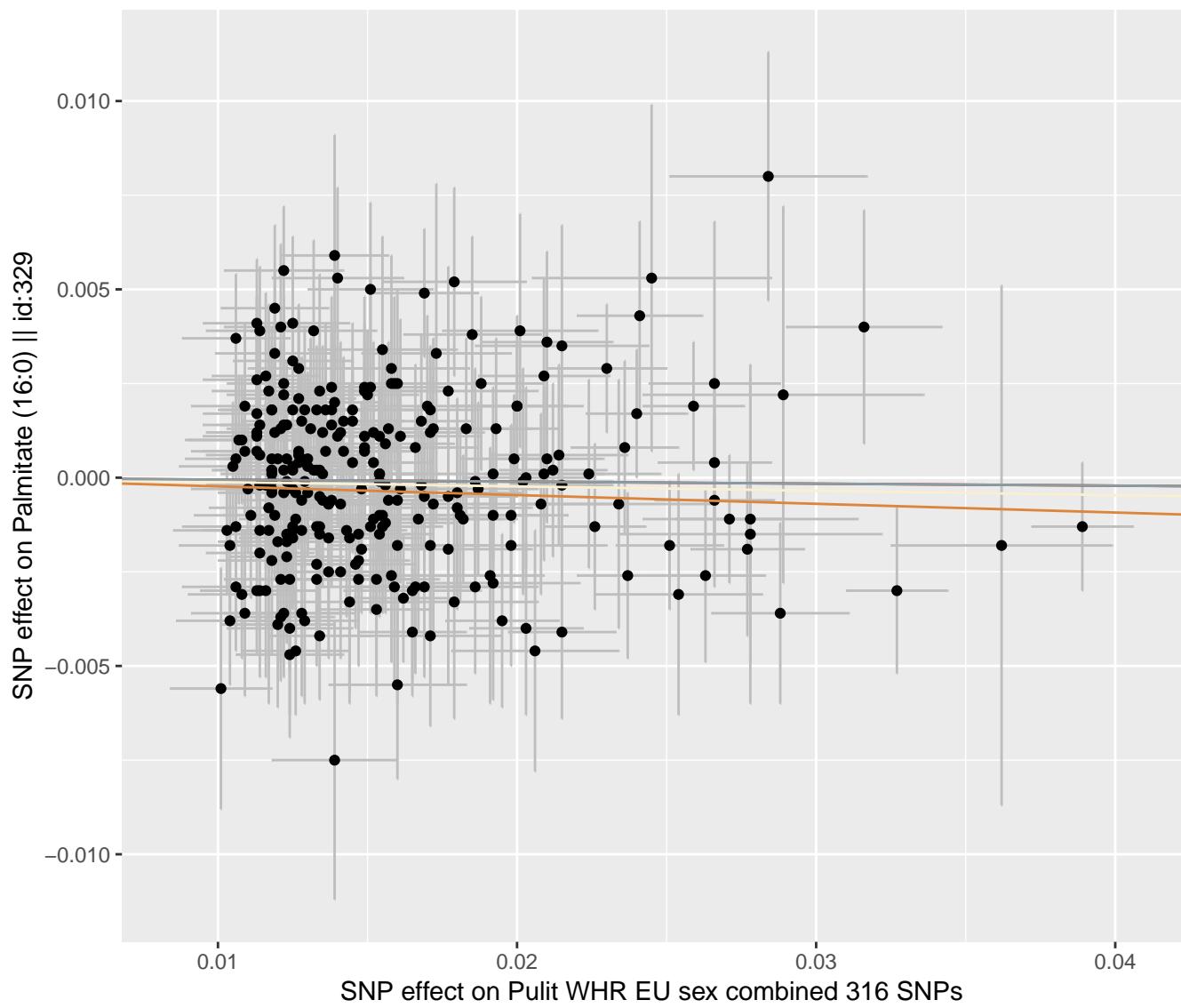
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



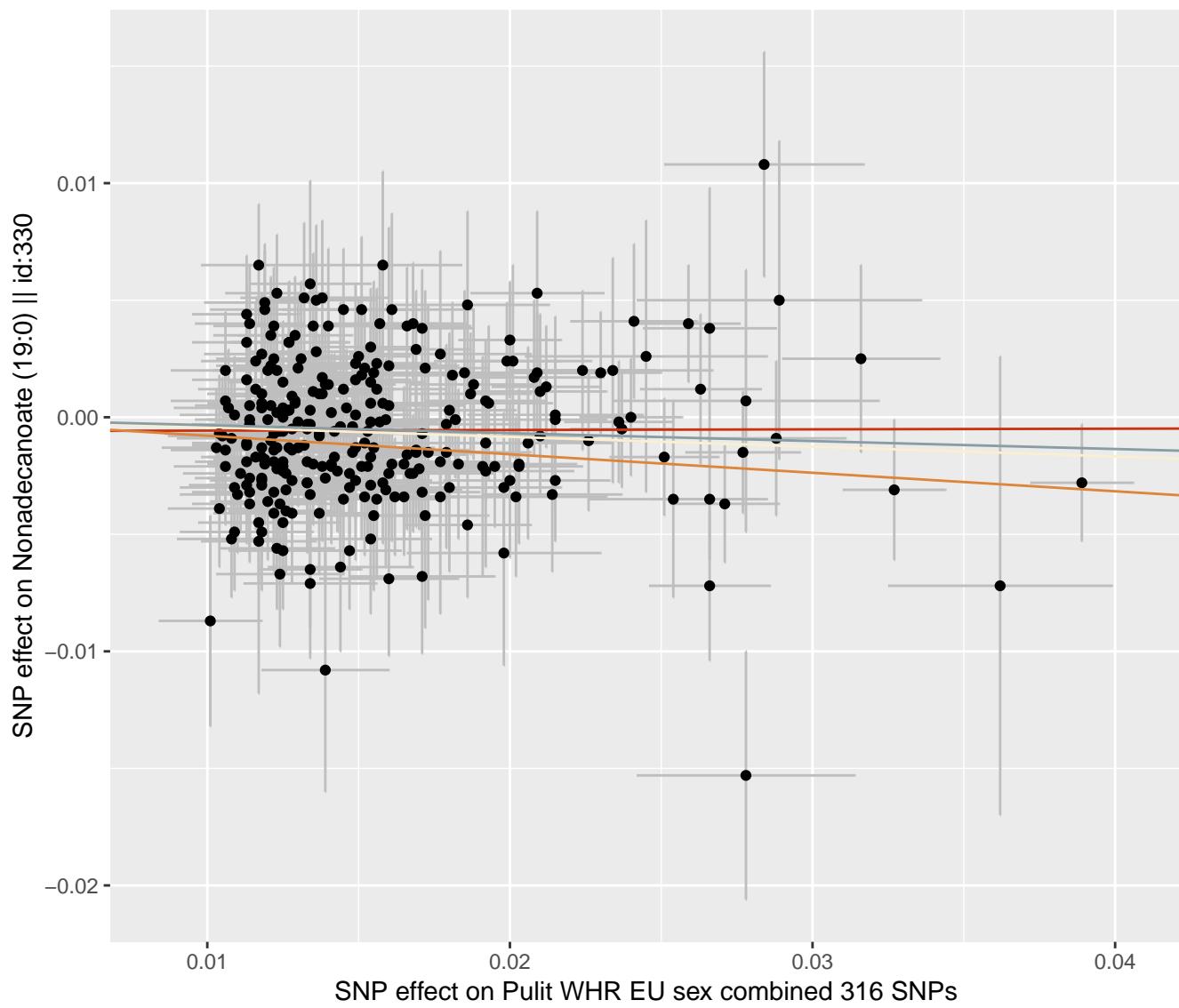
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



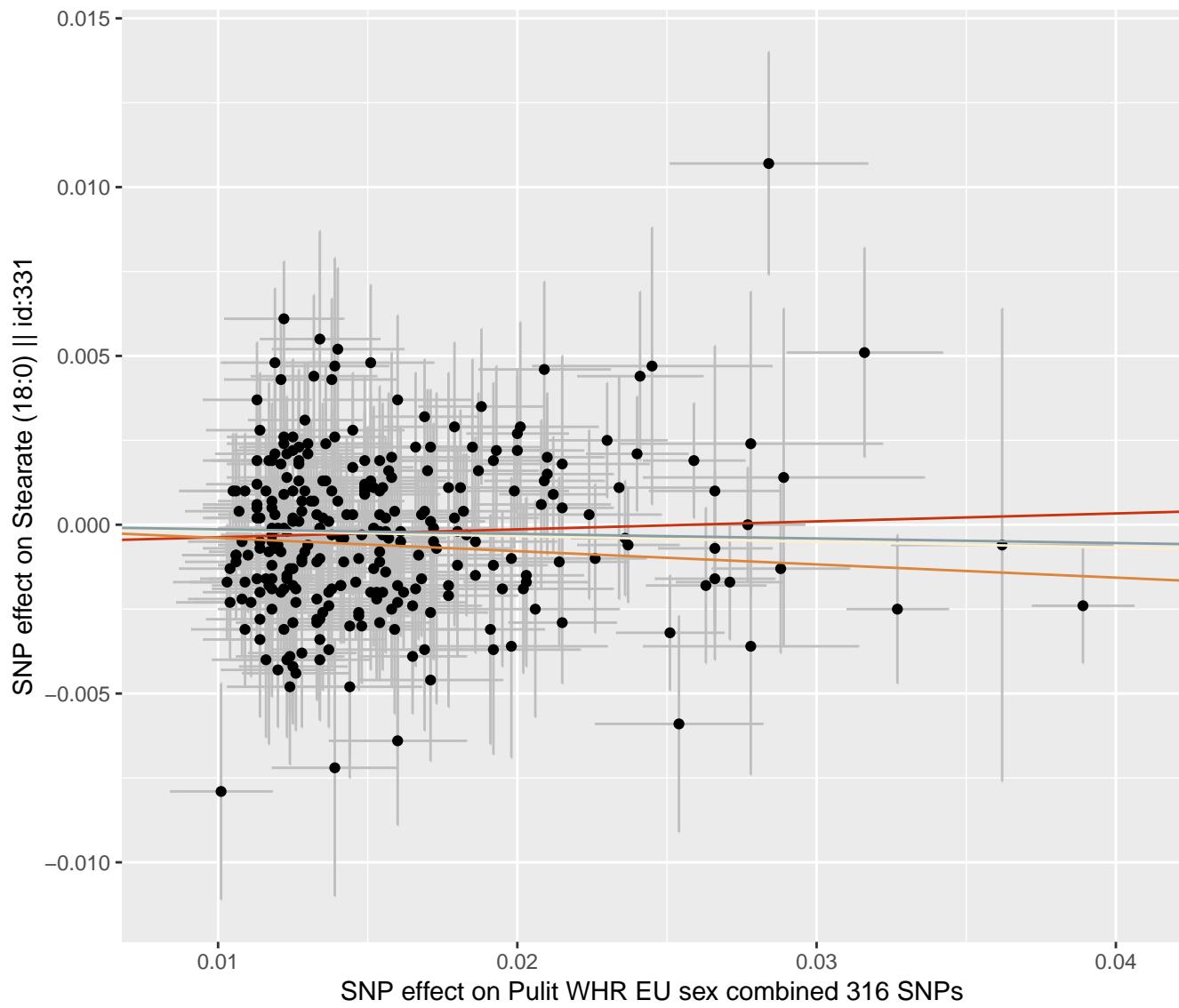
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



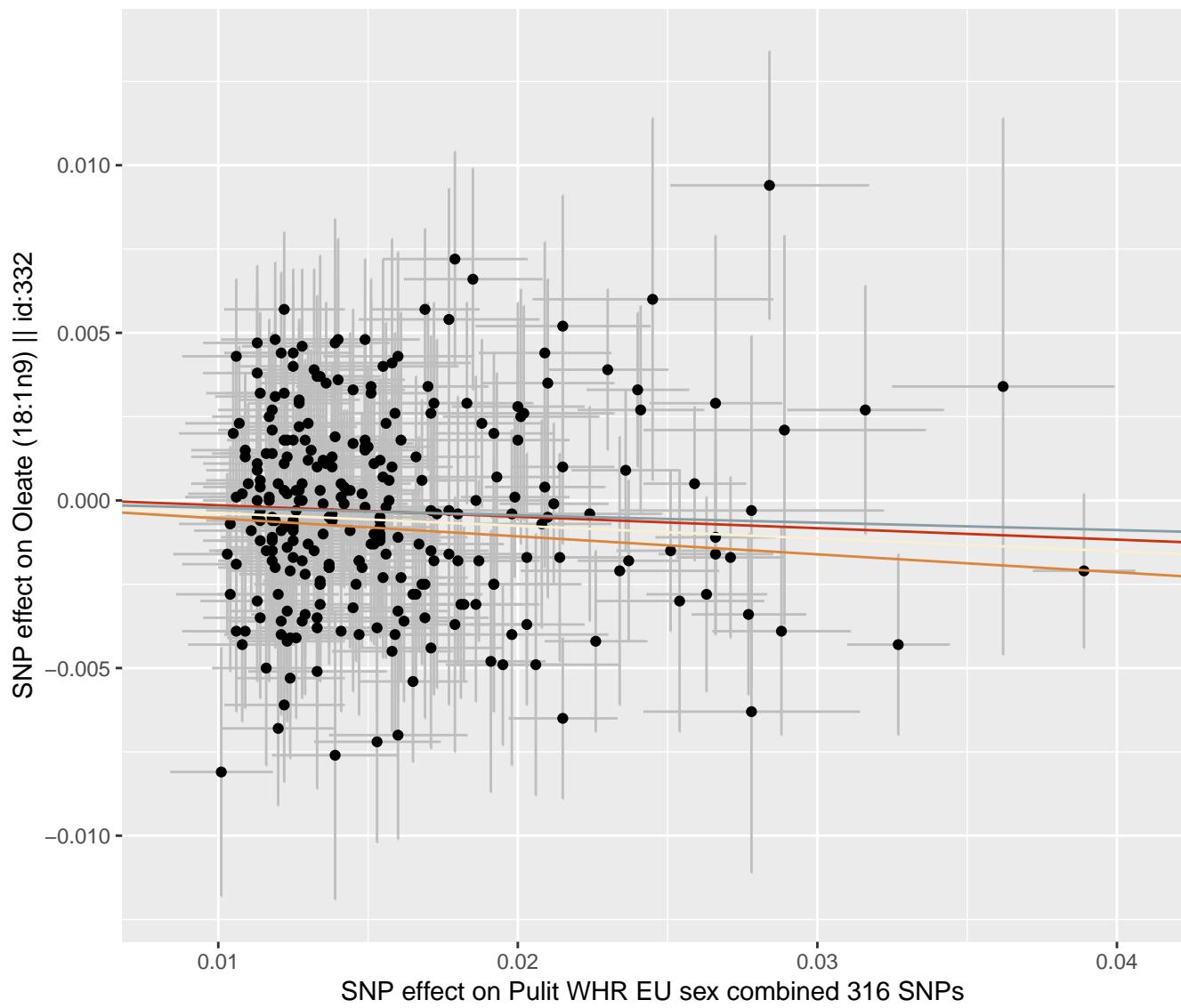
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



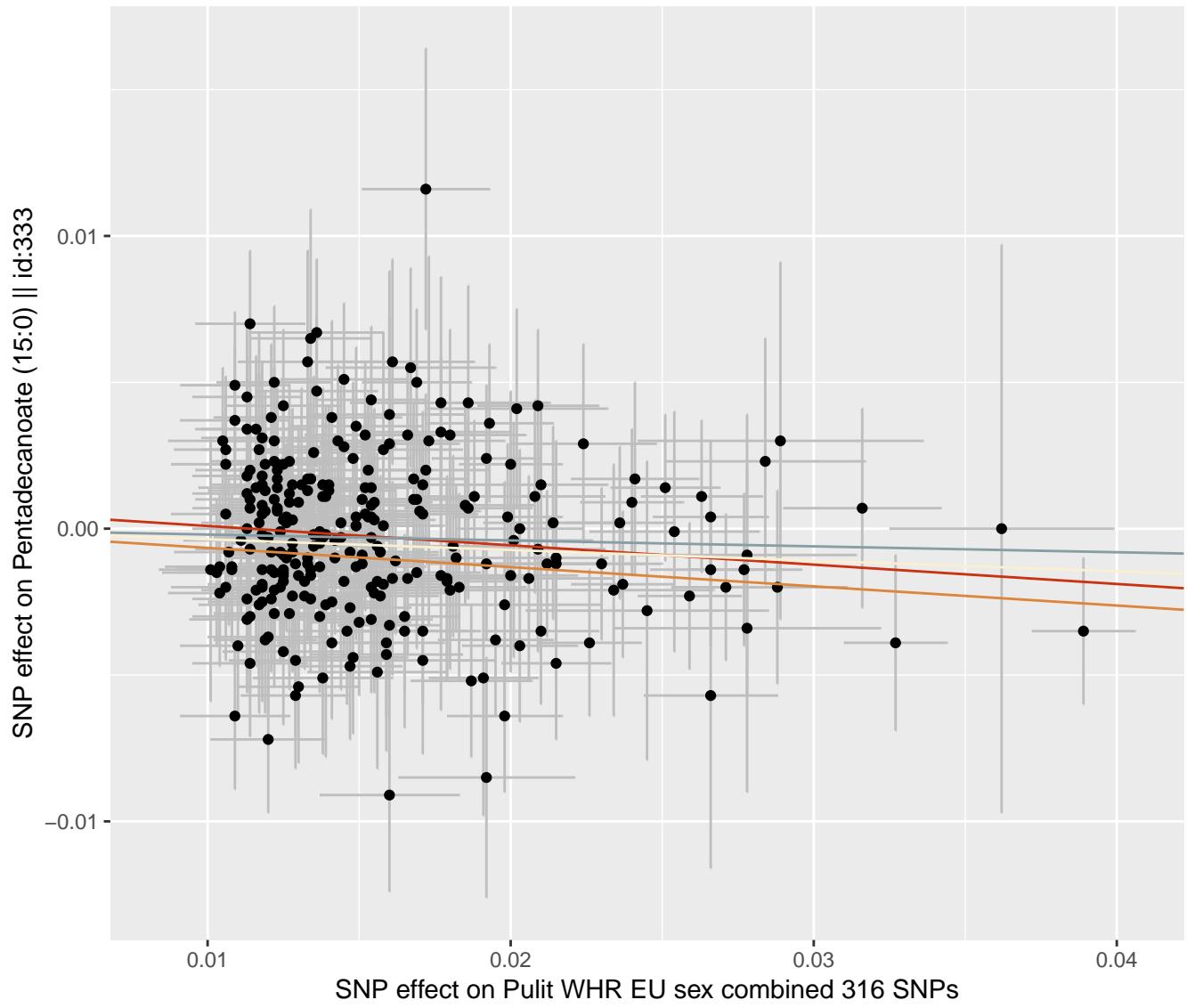
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



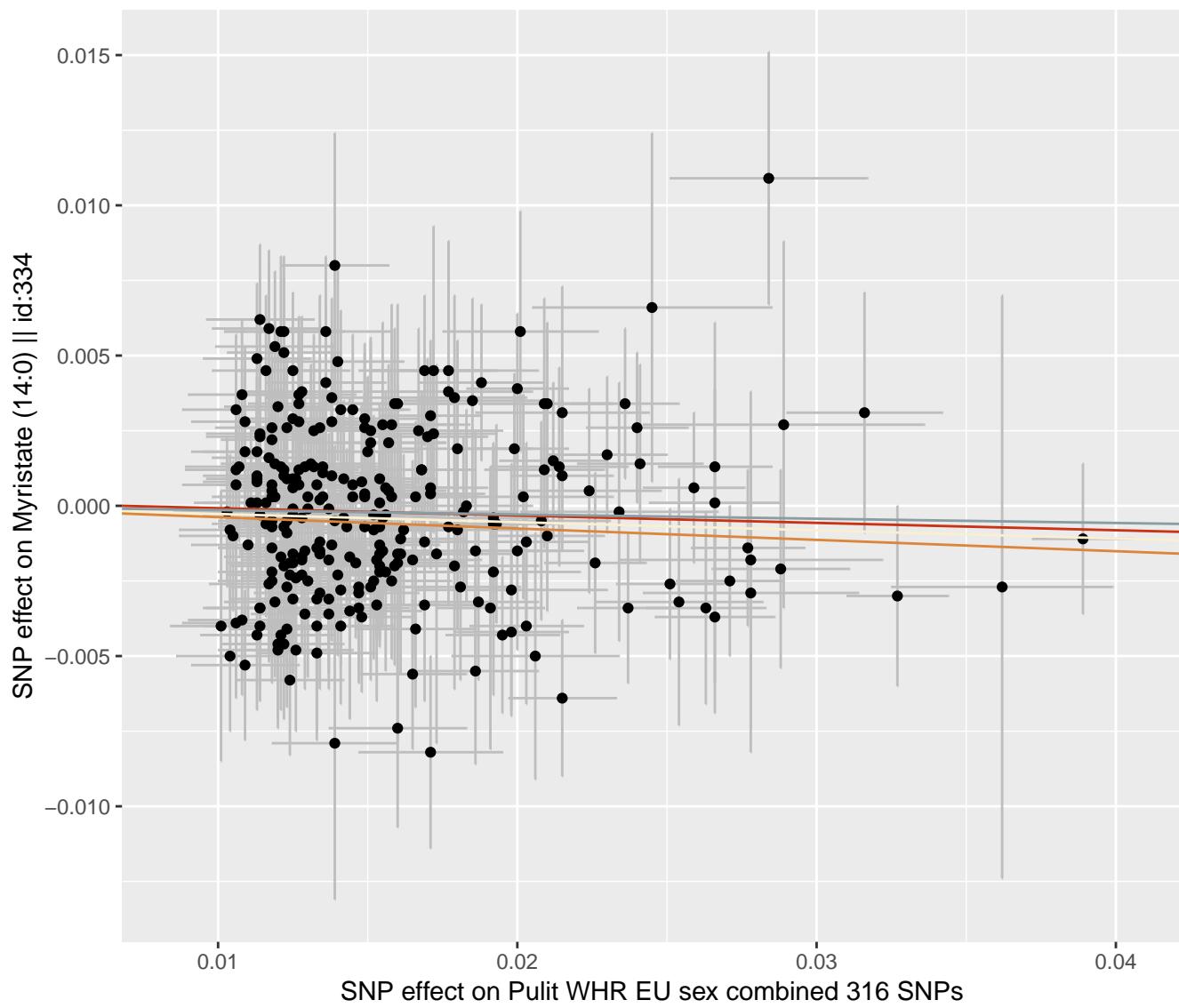
MR Egger



Weighted median



Weighted mode

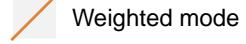


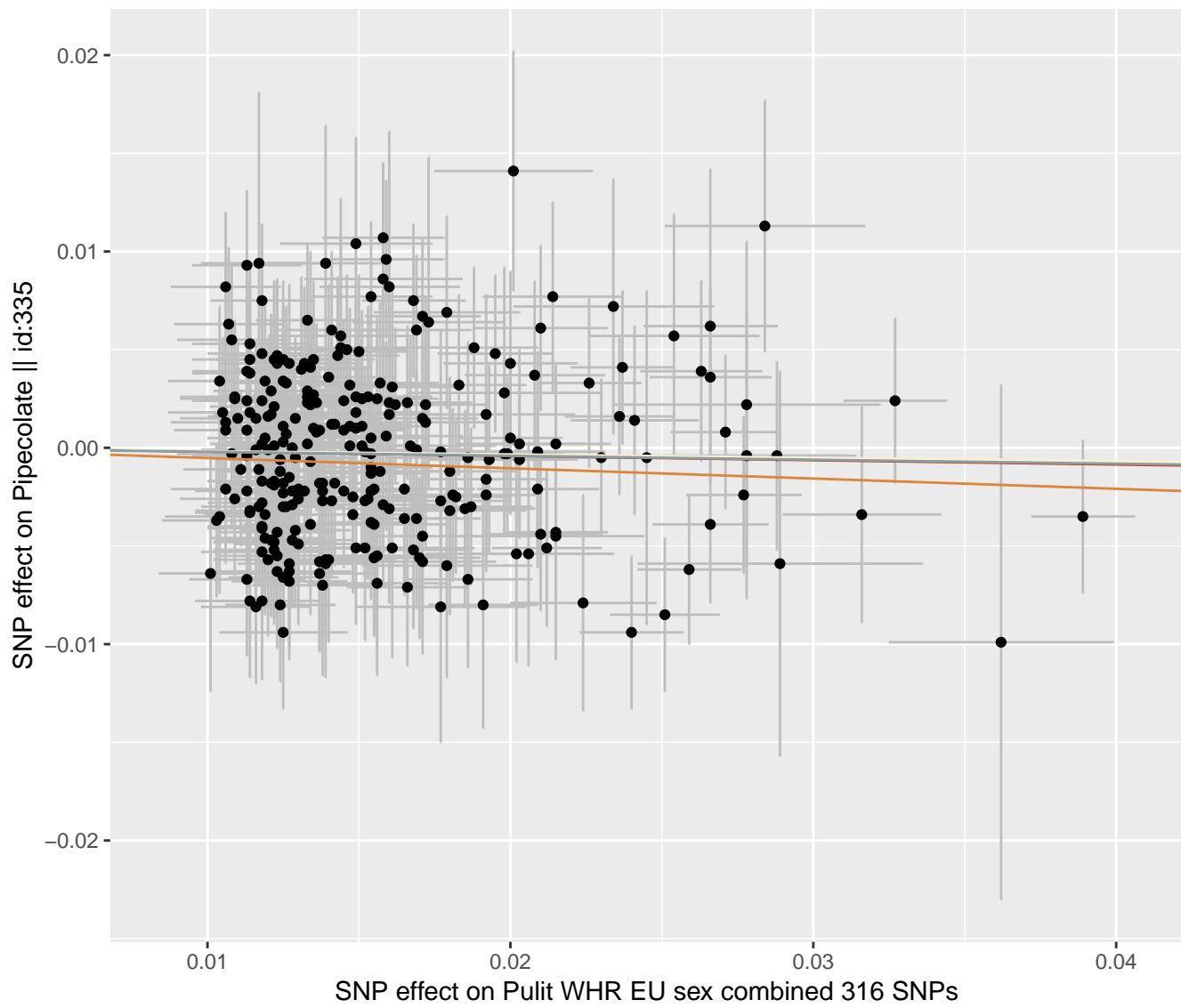
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

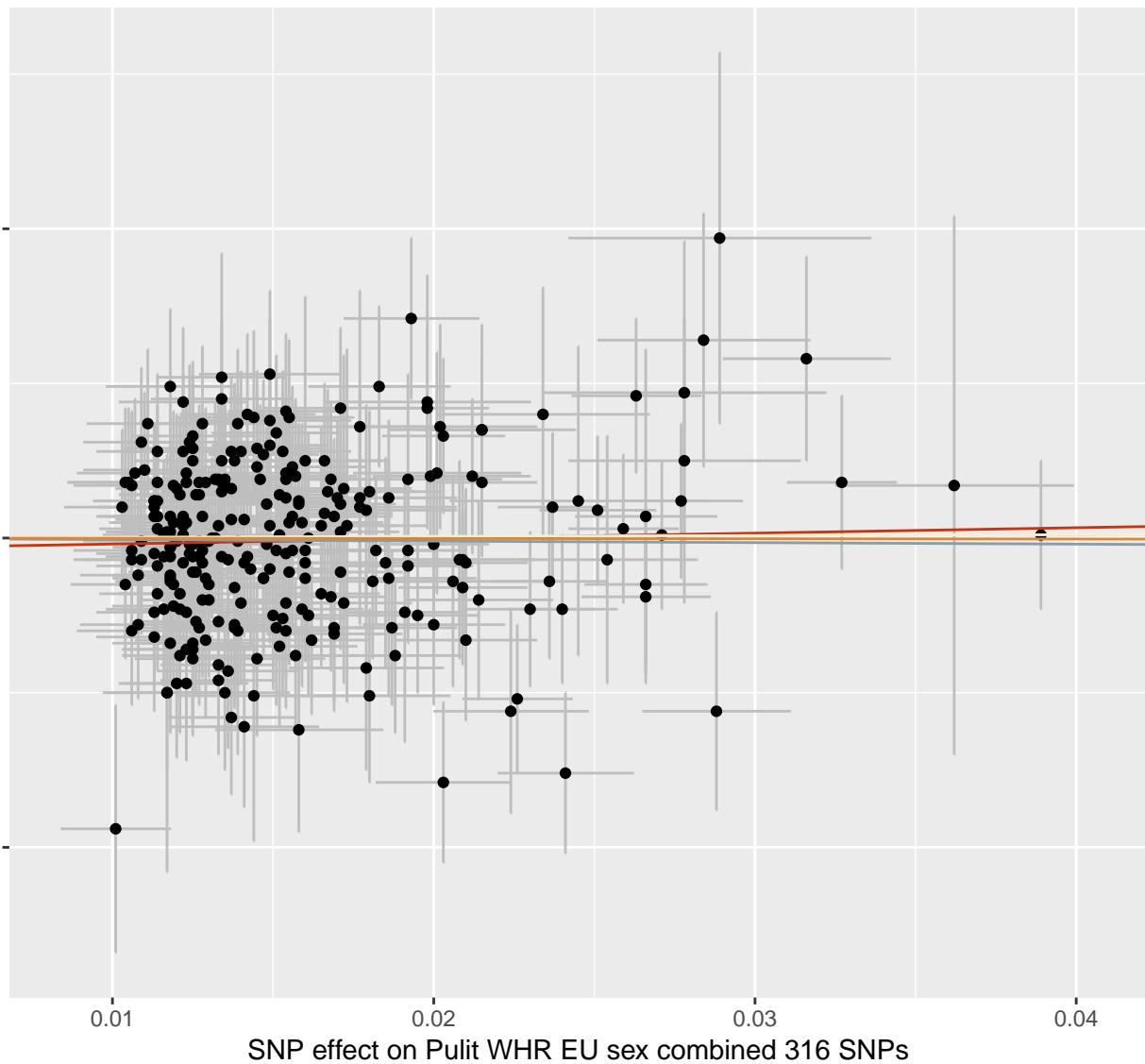


Weighted median



Weighted mode

SNP effect on Ornithine || id:336



MR Test



Inverse variance weighted (multiplicative random effects)



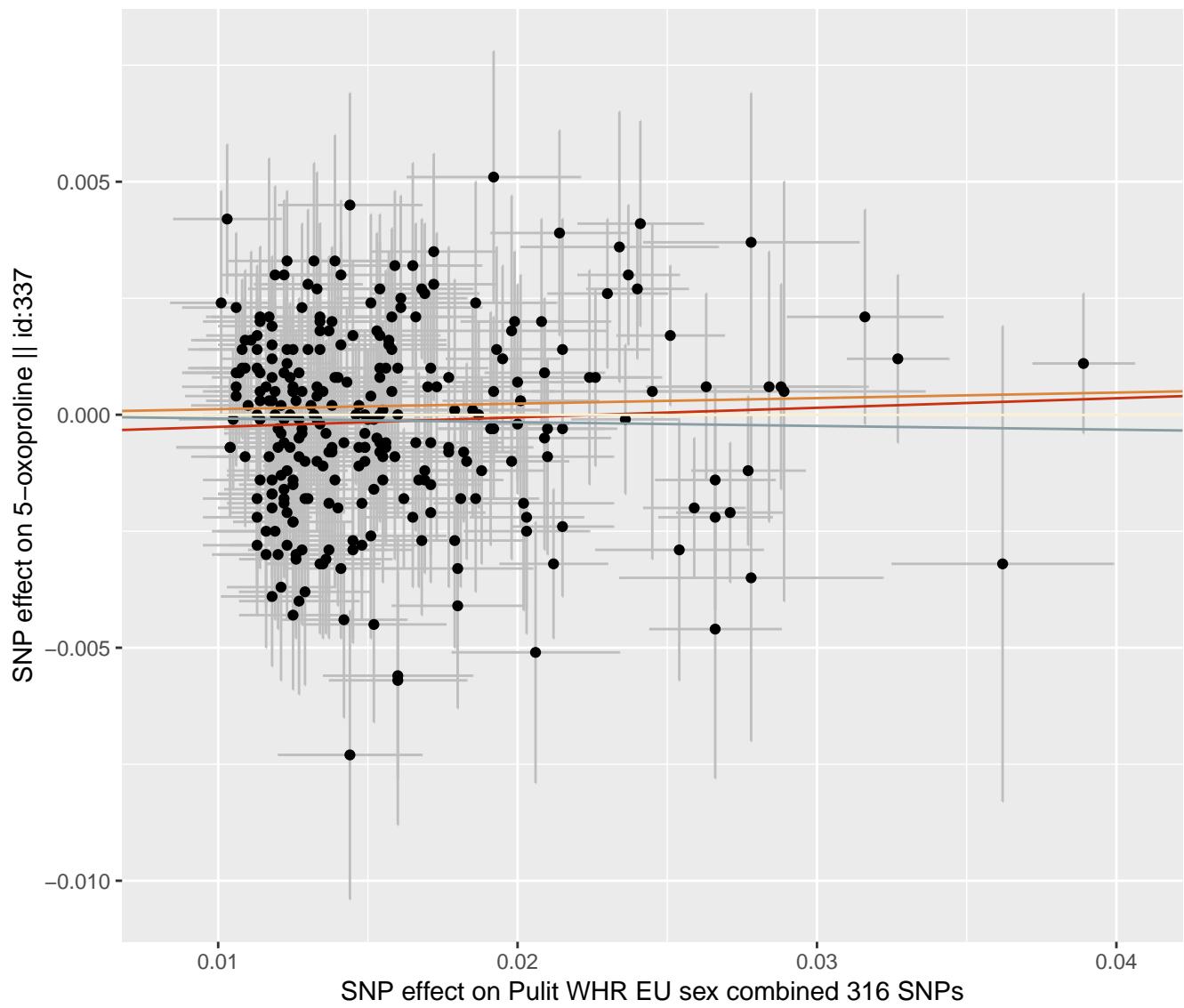
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on Pantothenate || id:338

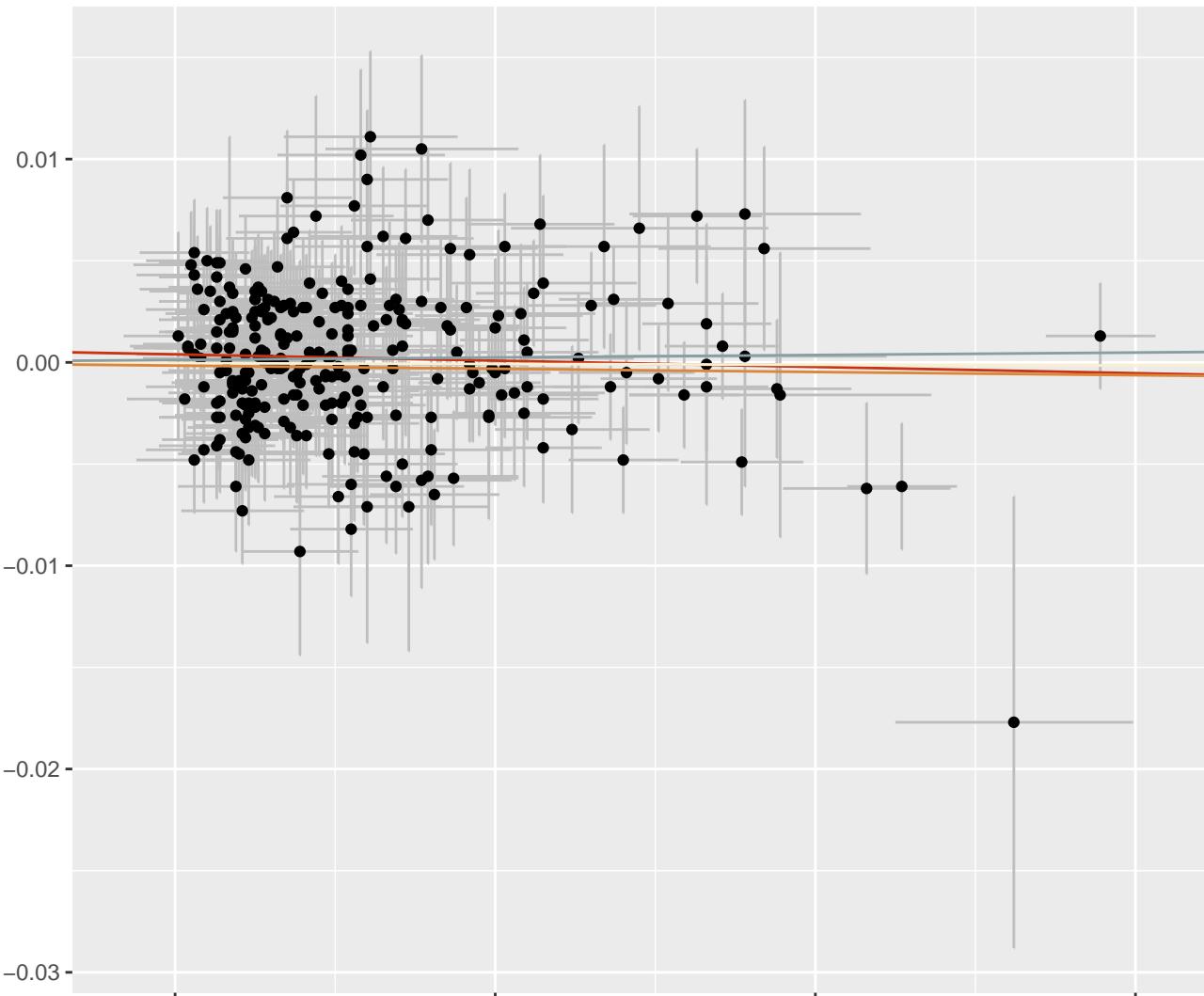
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



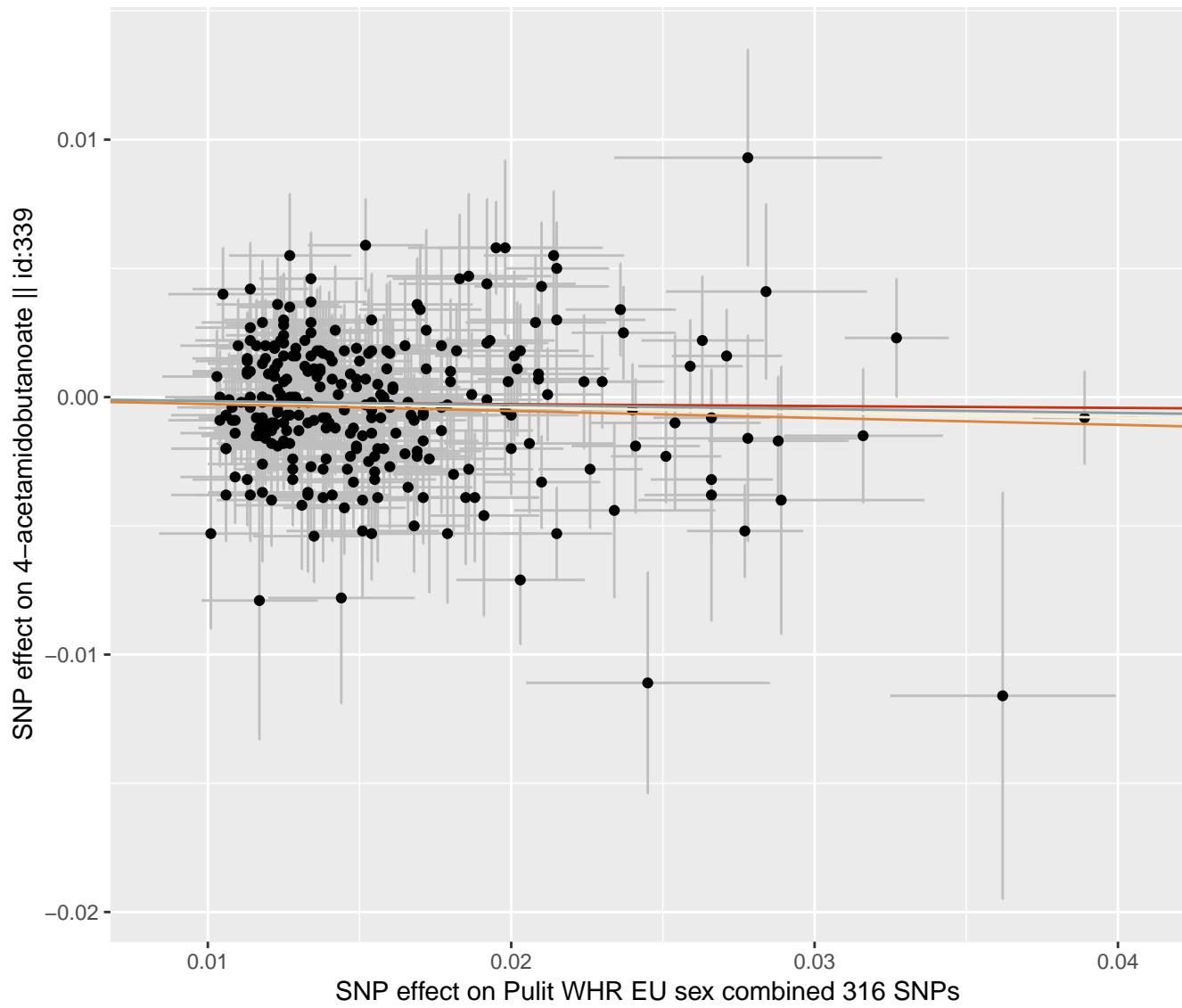
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

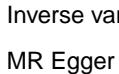
 Weighted median

 Weighted mode



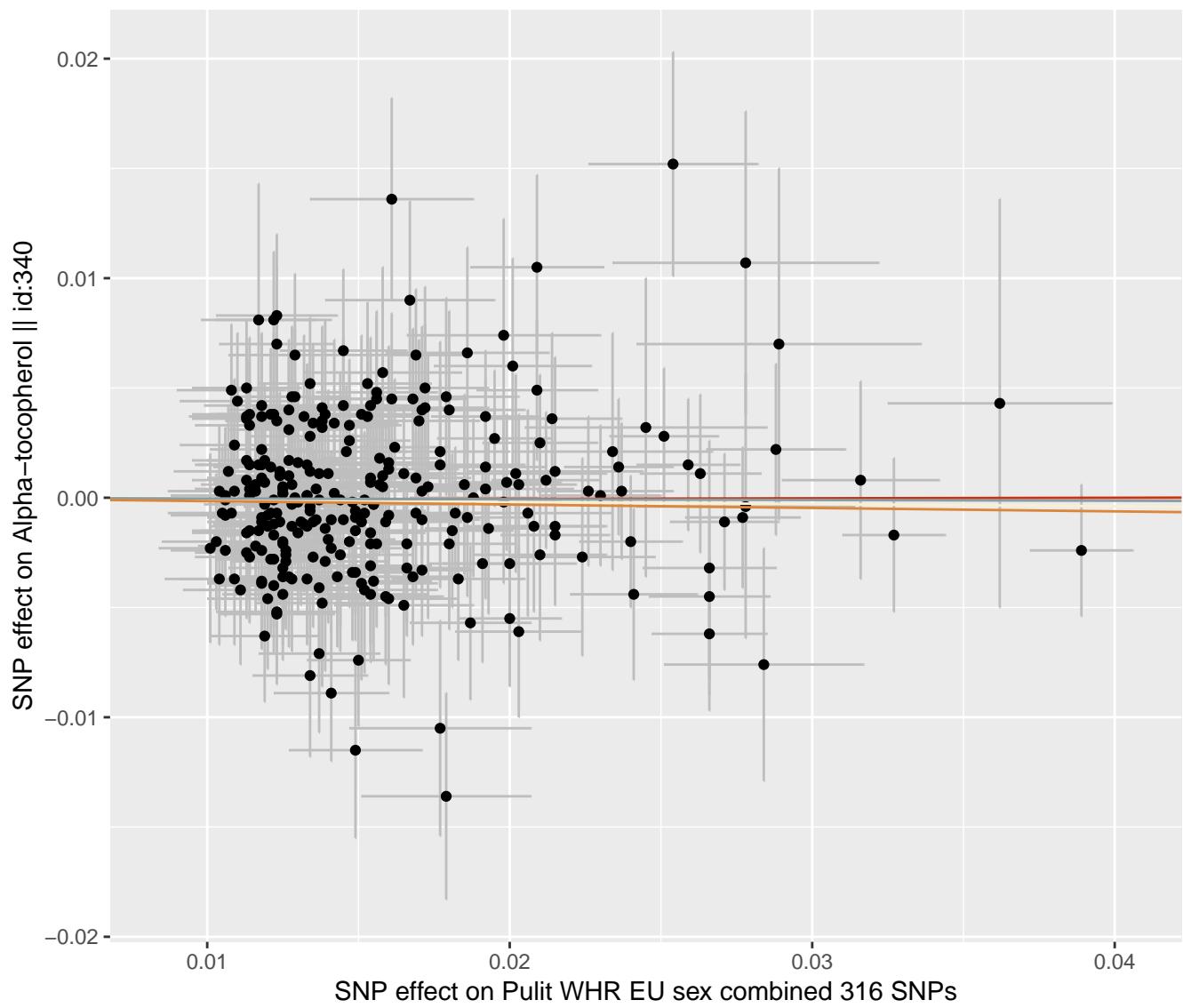
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



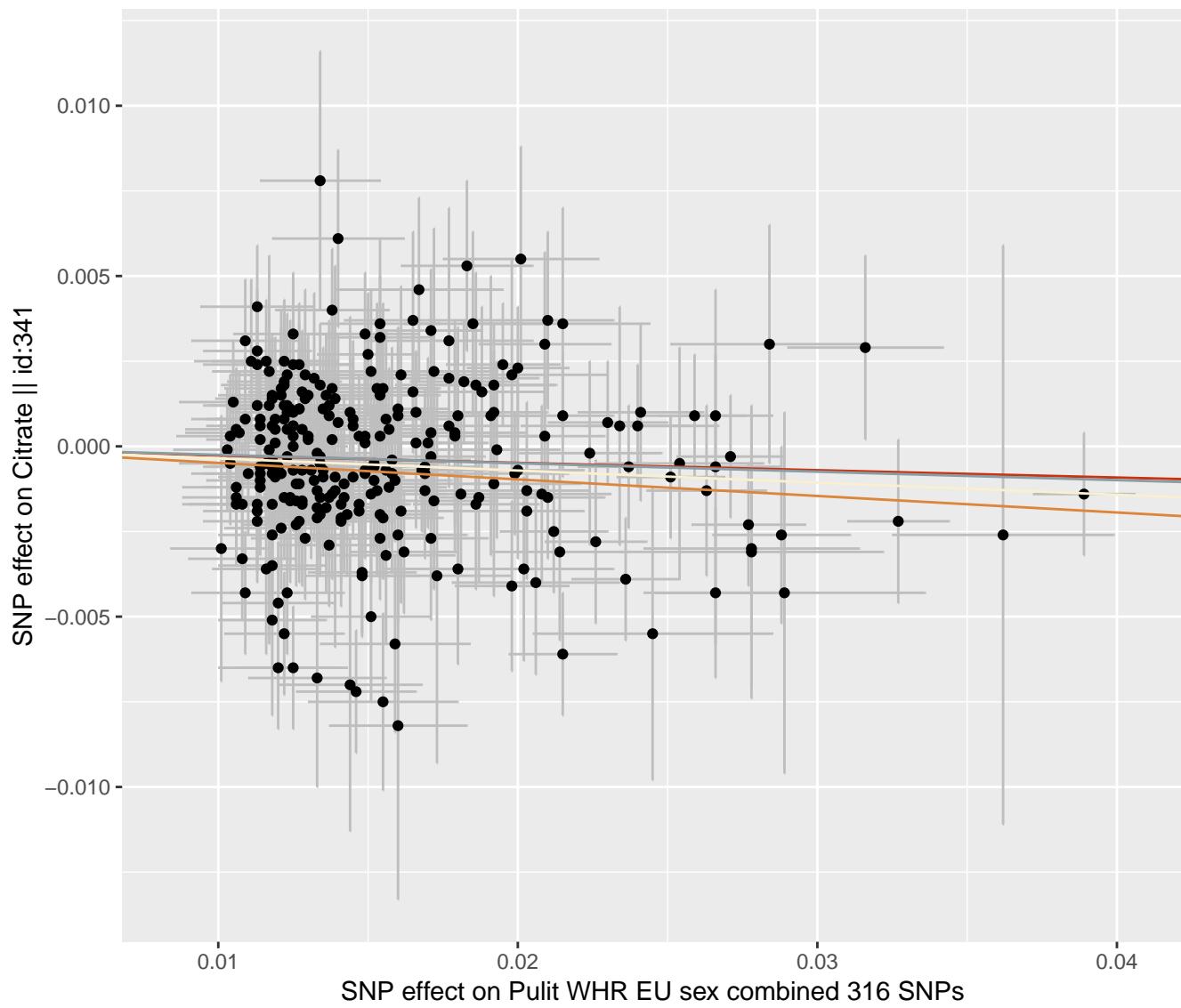
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



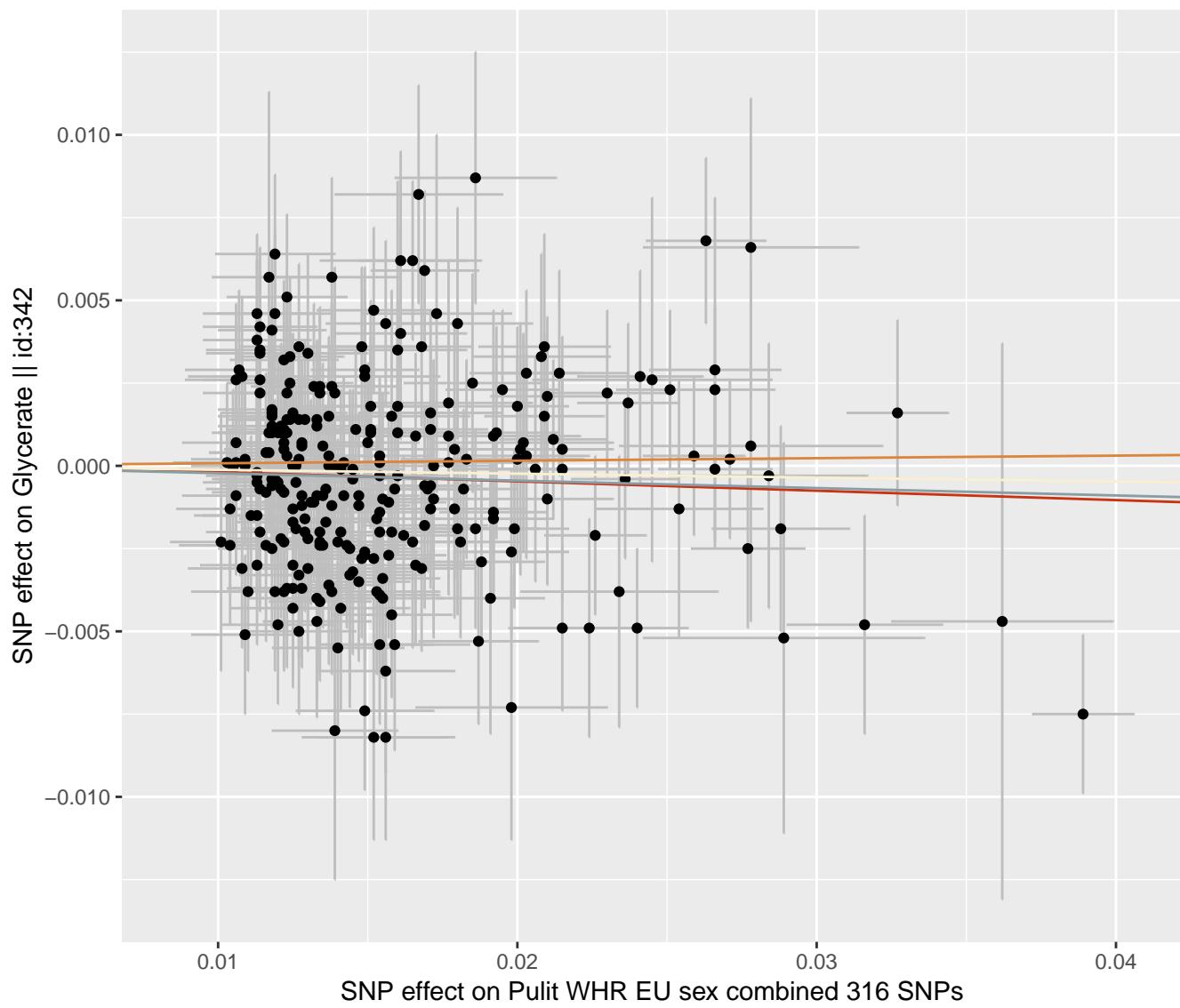
MR Egger



Weighted median

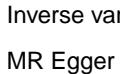


Weighted mode



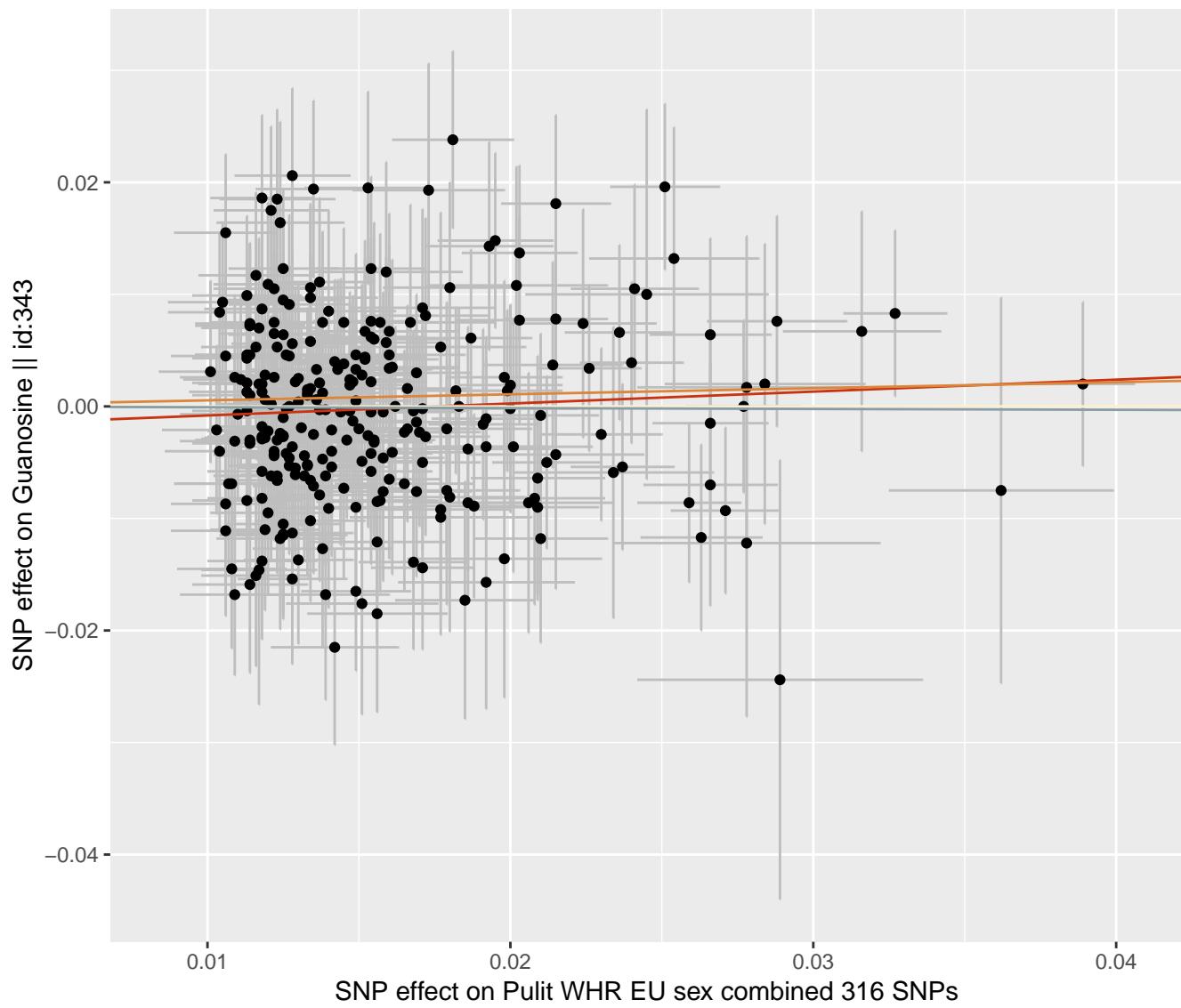
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



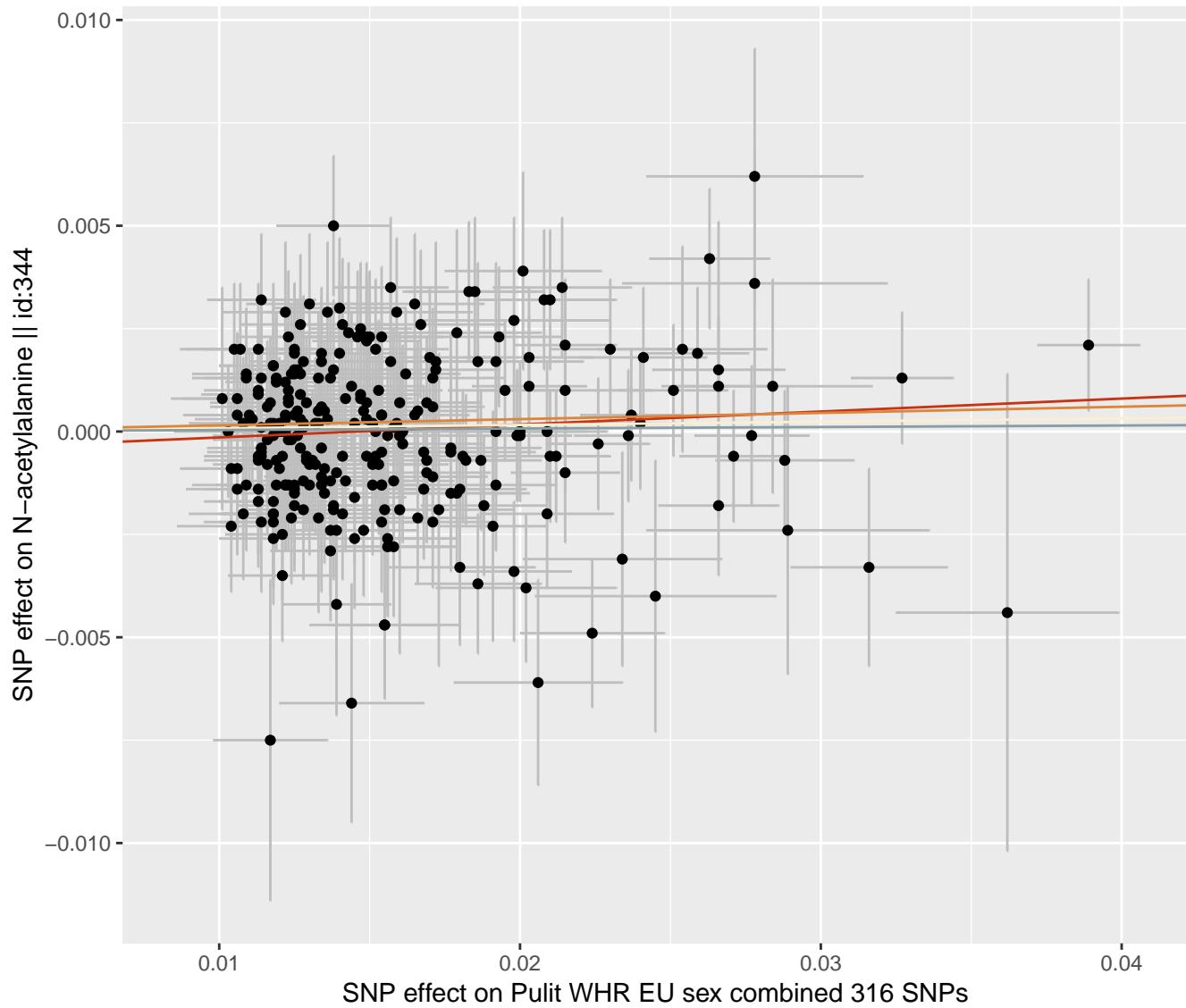
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



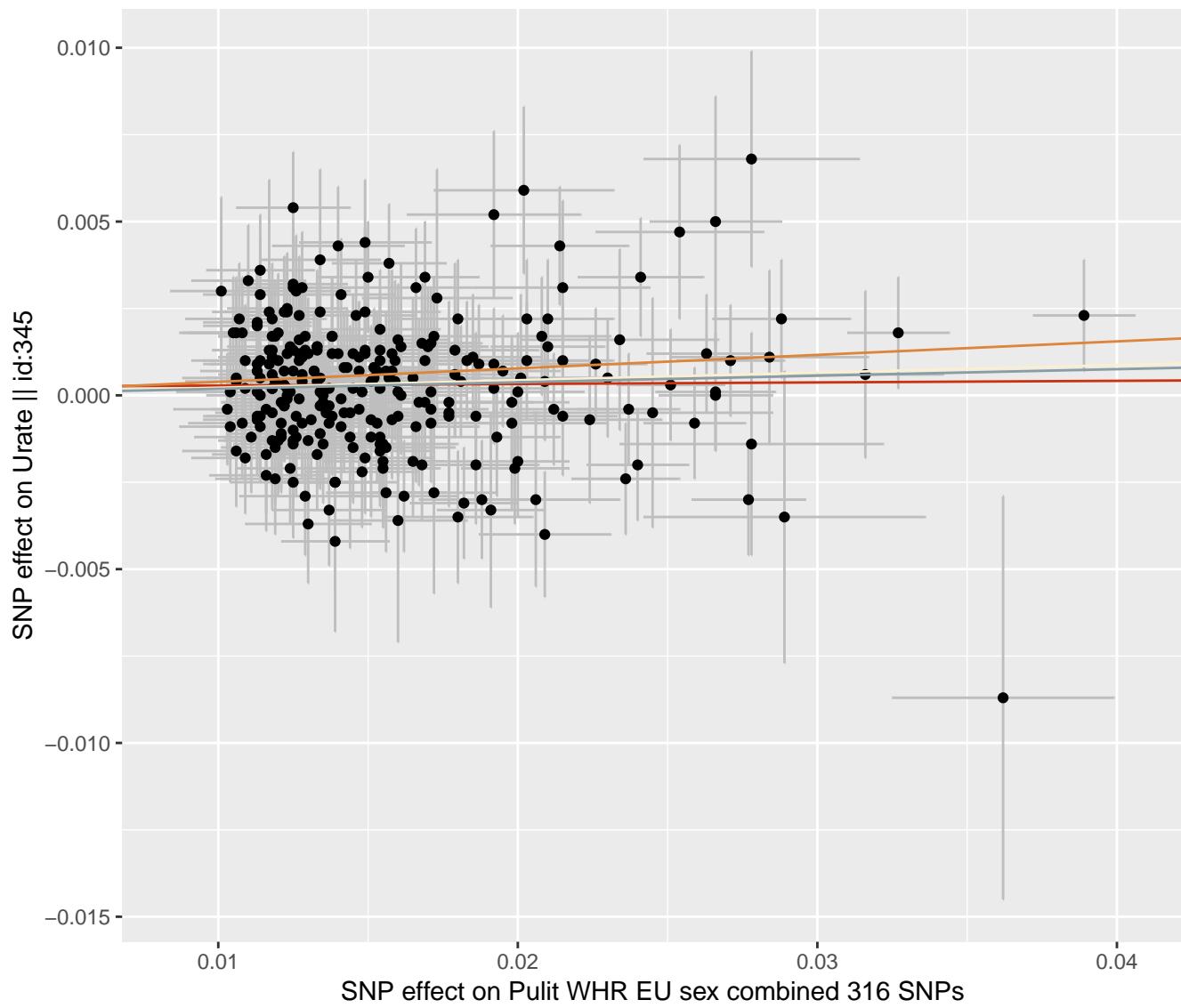
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

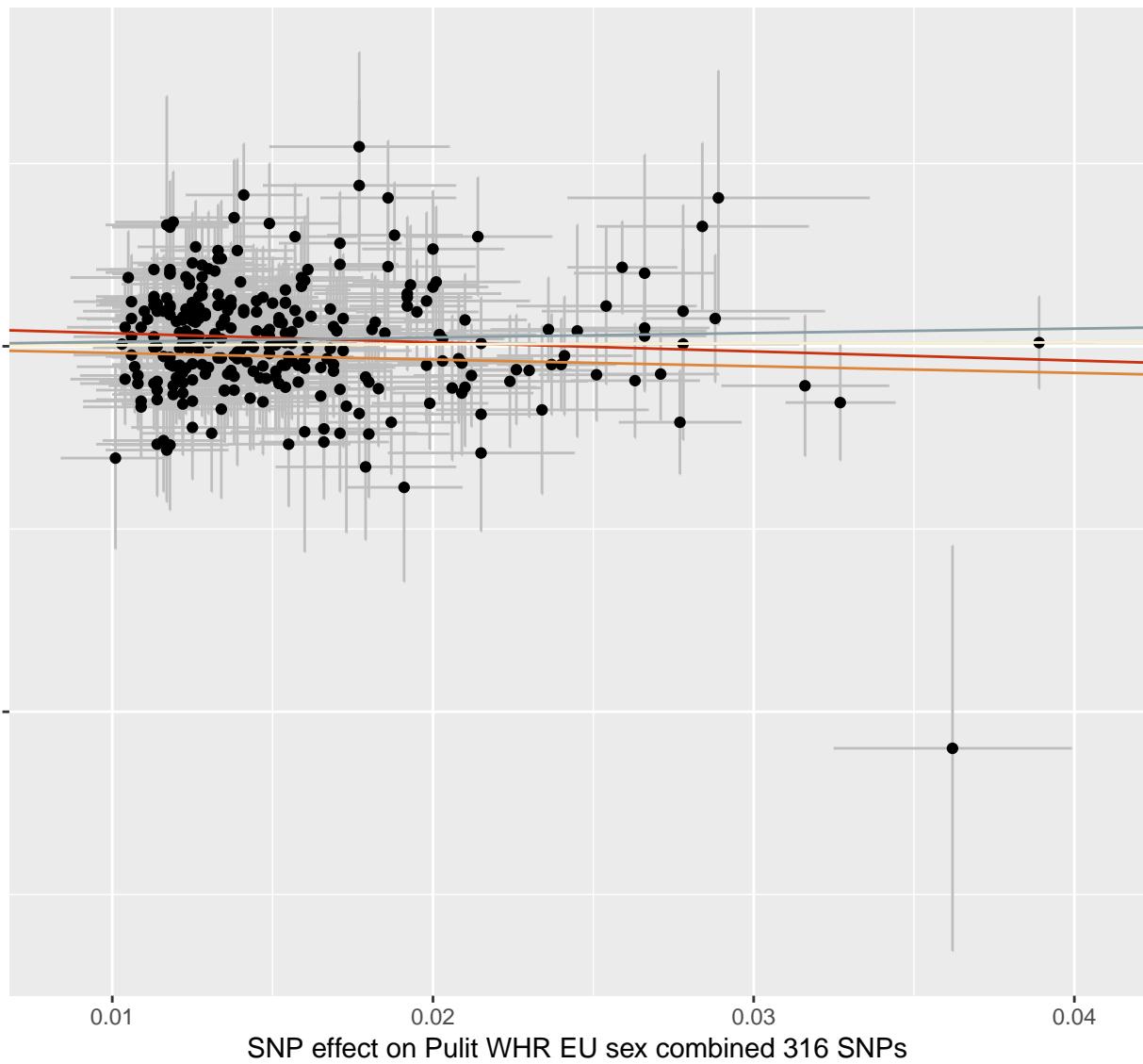


Weighted median



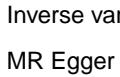
Weighted mode

SNP effect on Ursodeoxycholate || id:346



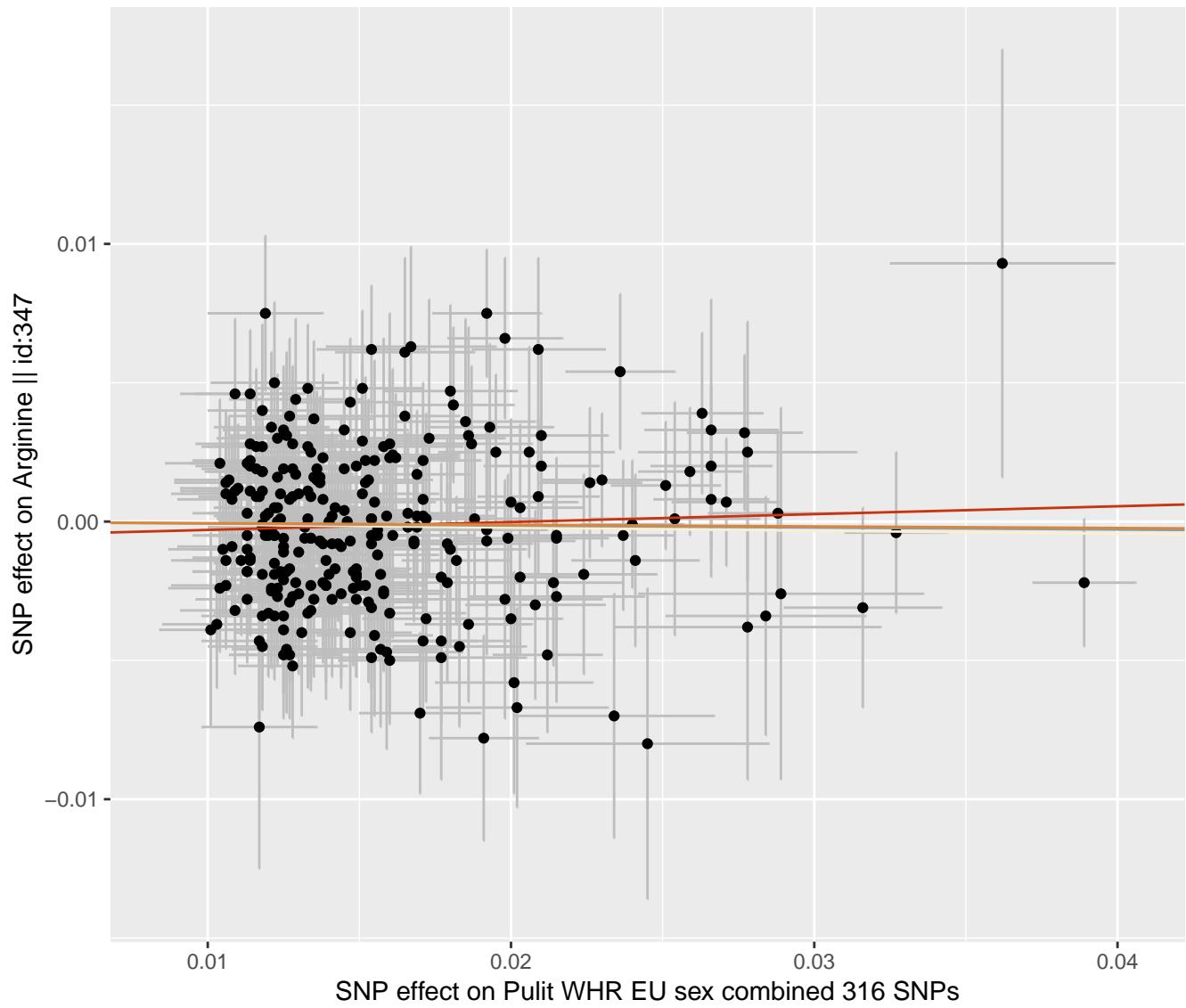
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



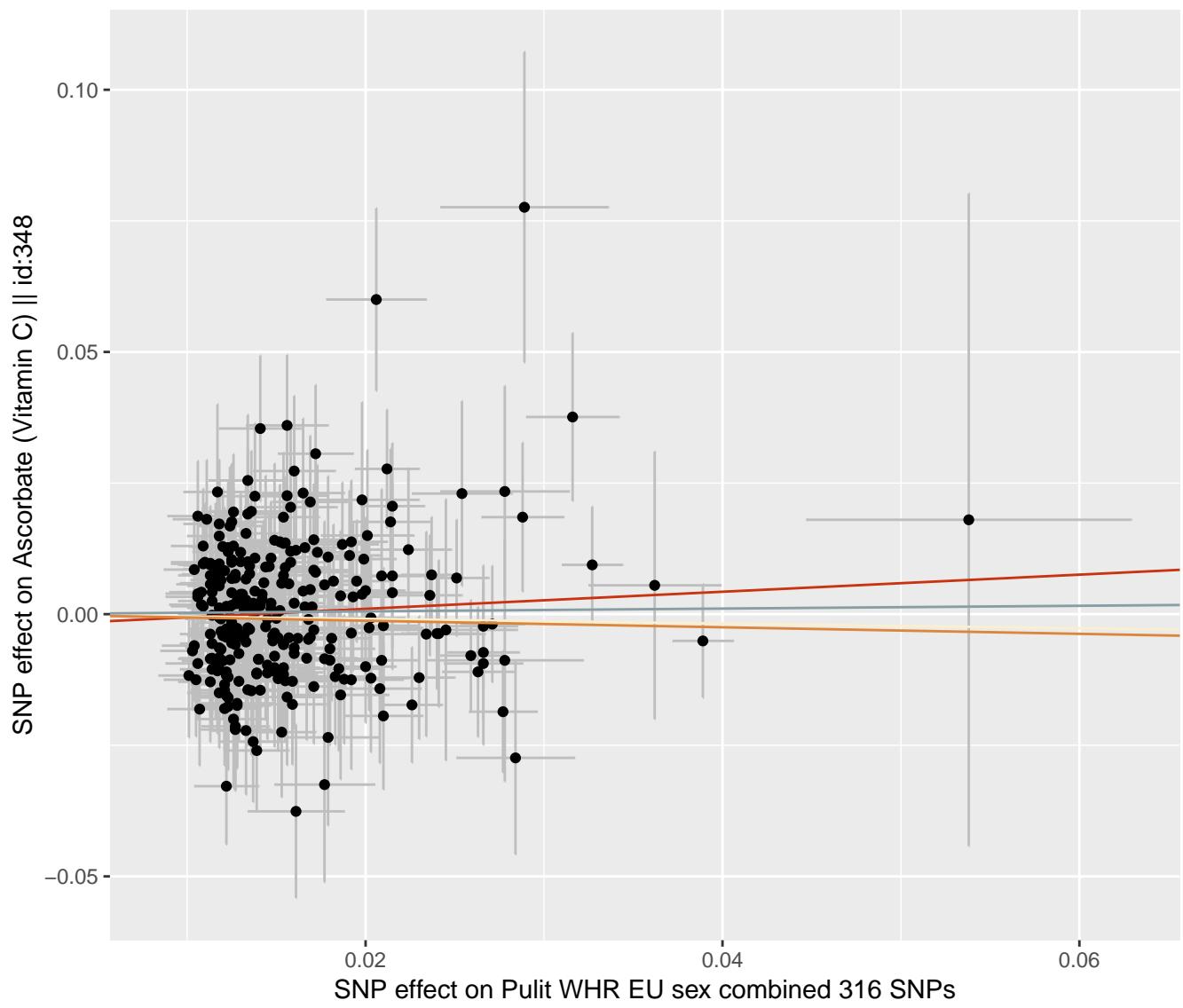
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



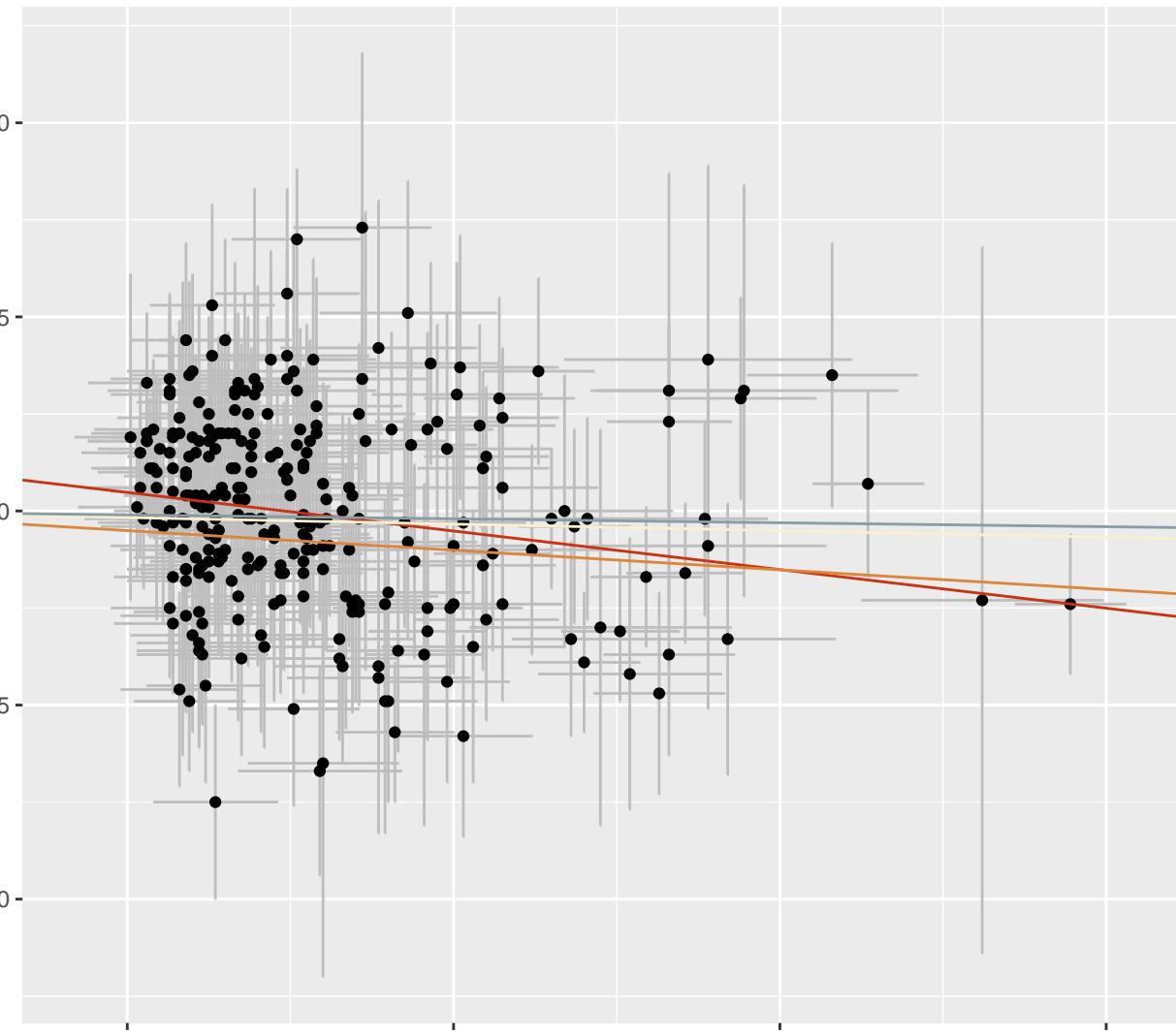
Weighted median



Weighted mode

SNP effect on Heptanoate (7:0) || id:349

SNP effect on Pulit WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



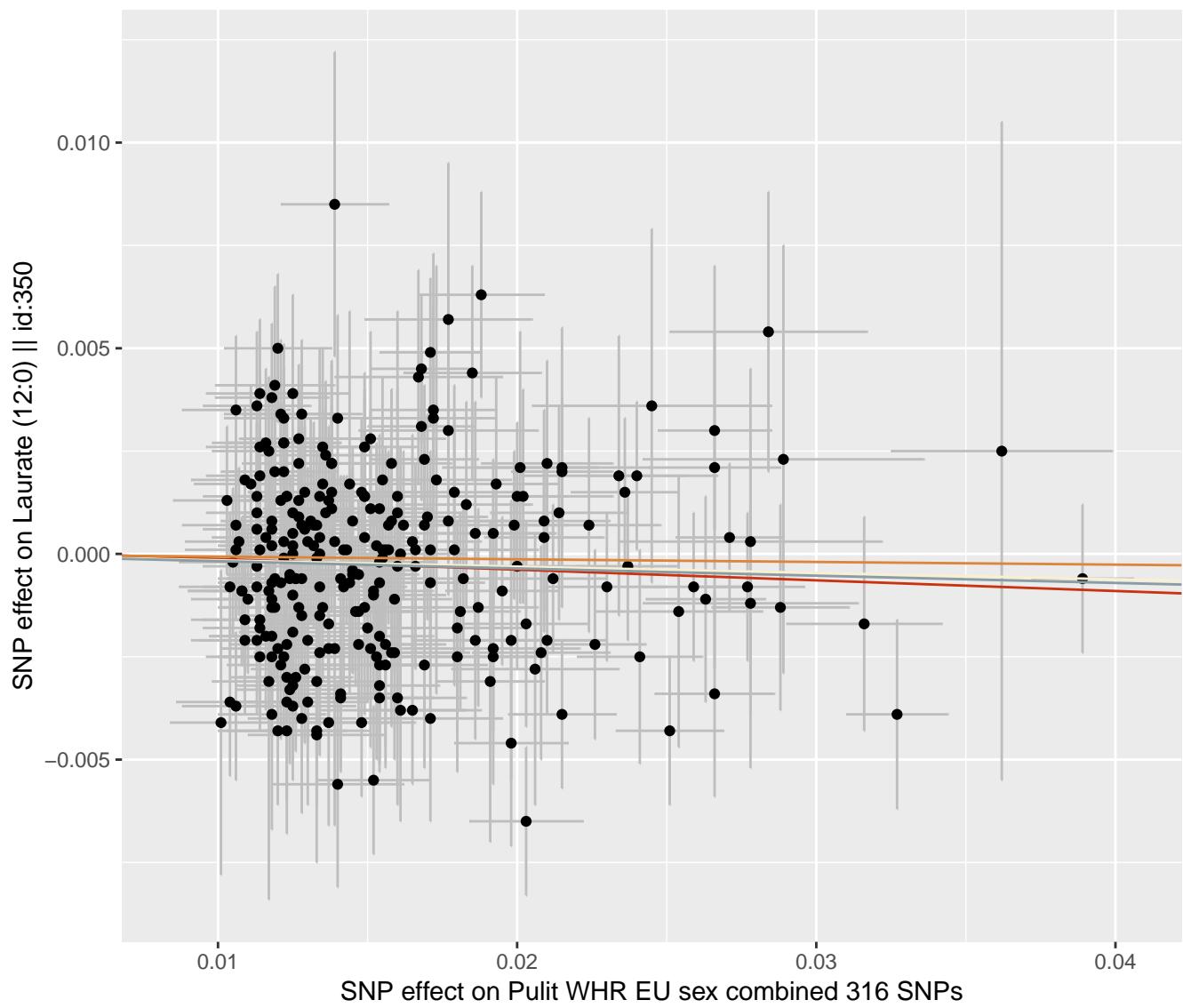
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



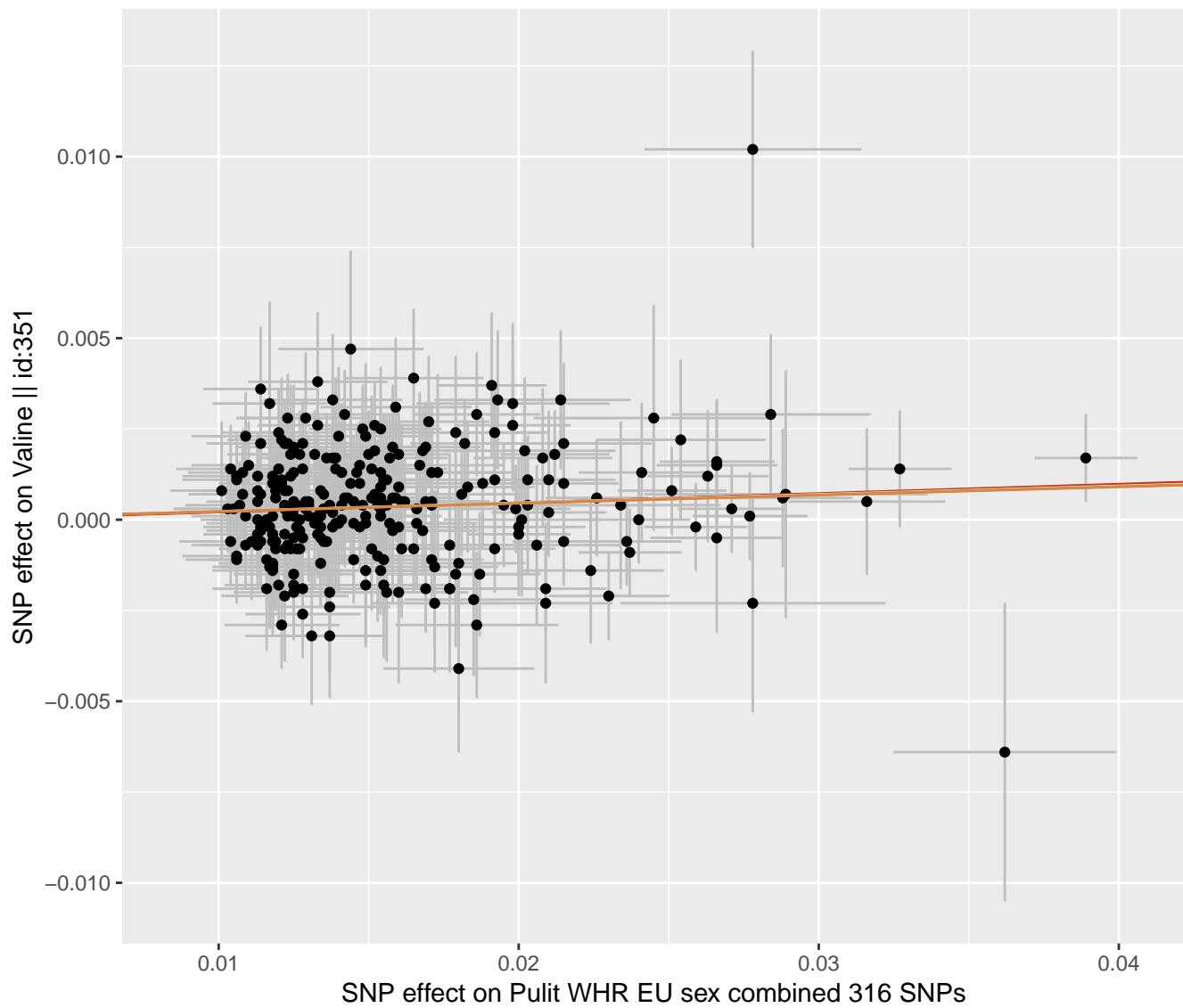
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



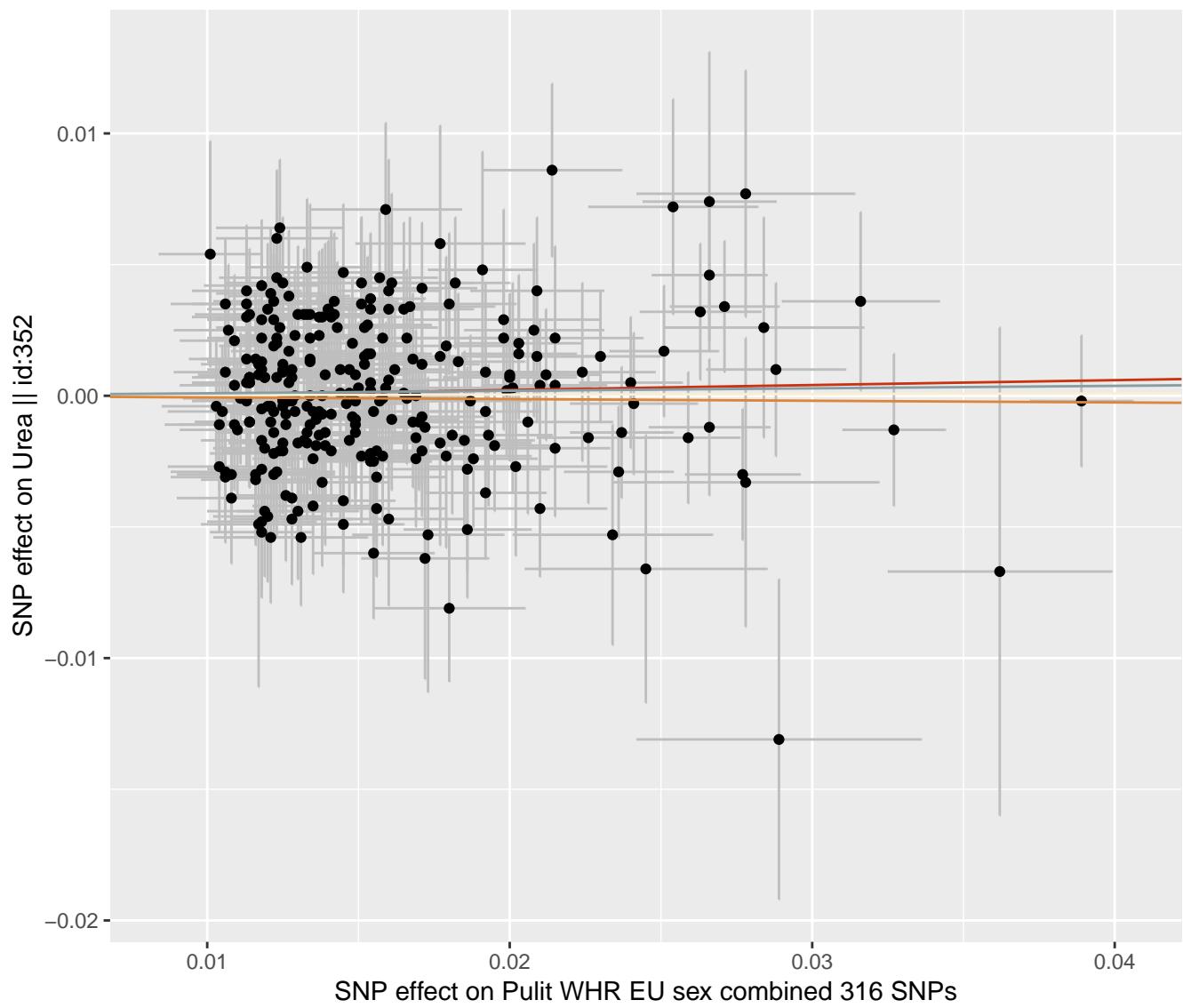
MR Egger



Weighted median



Weighted mode



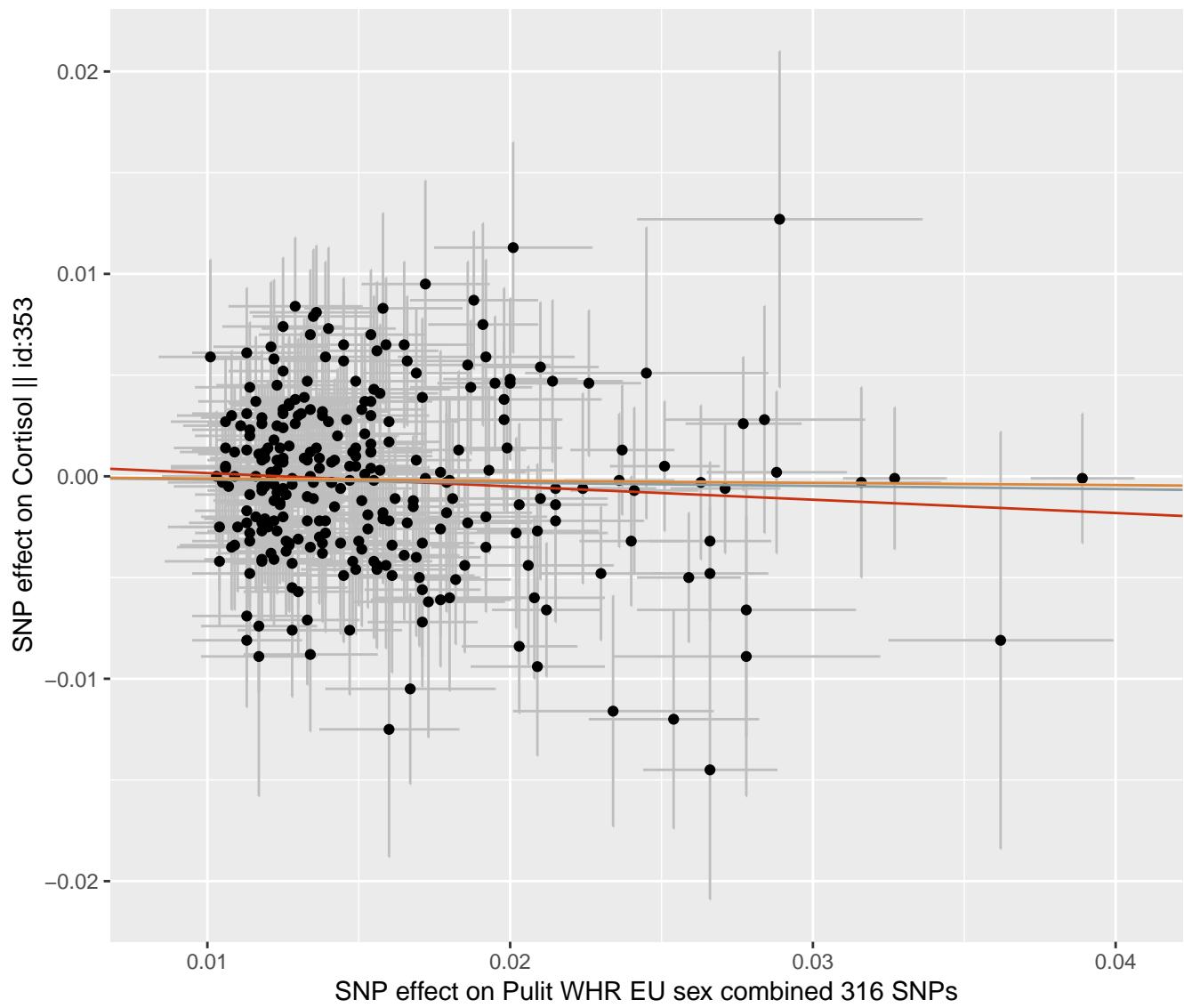
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



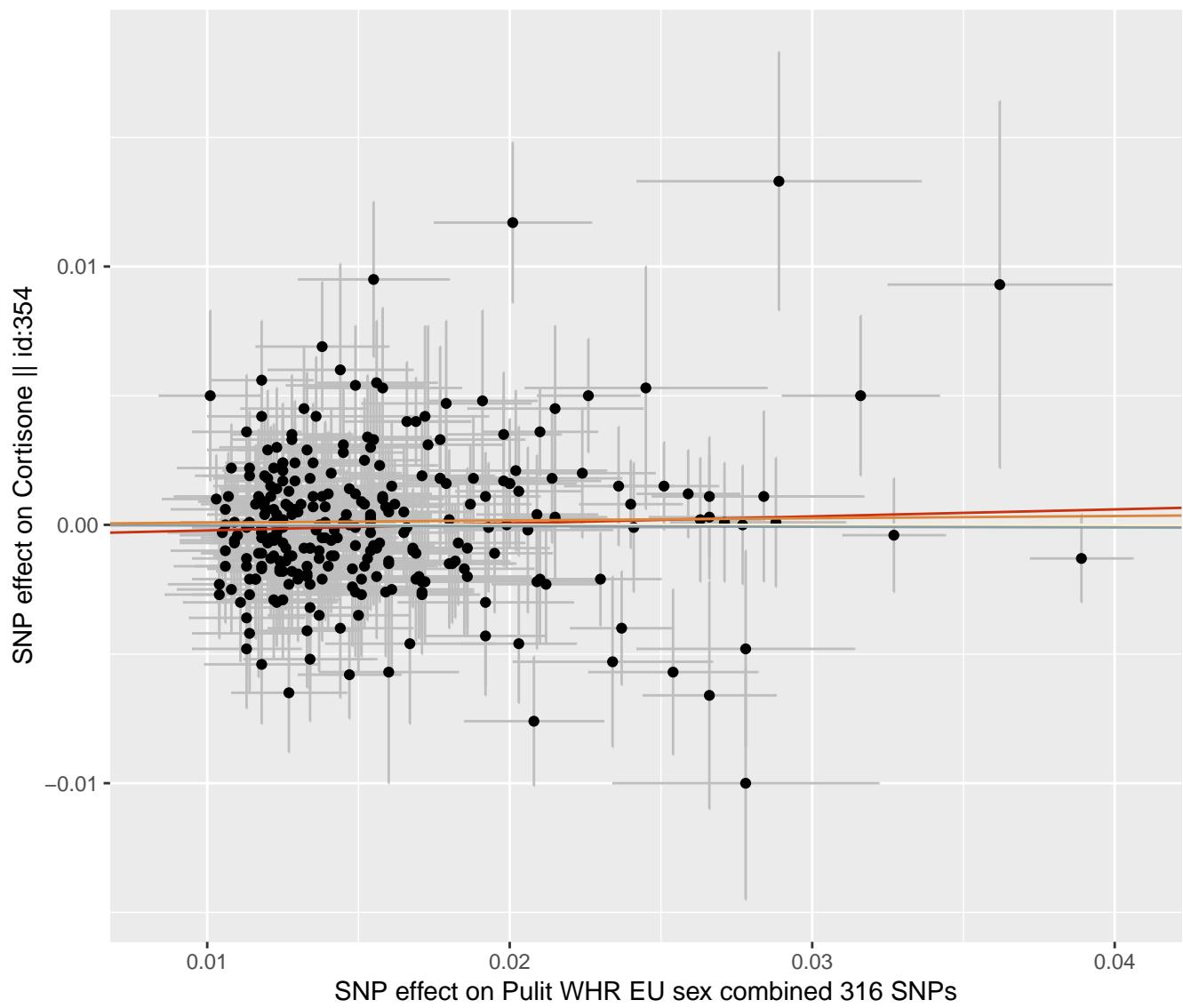
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



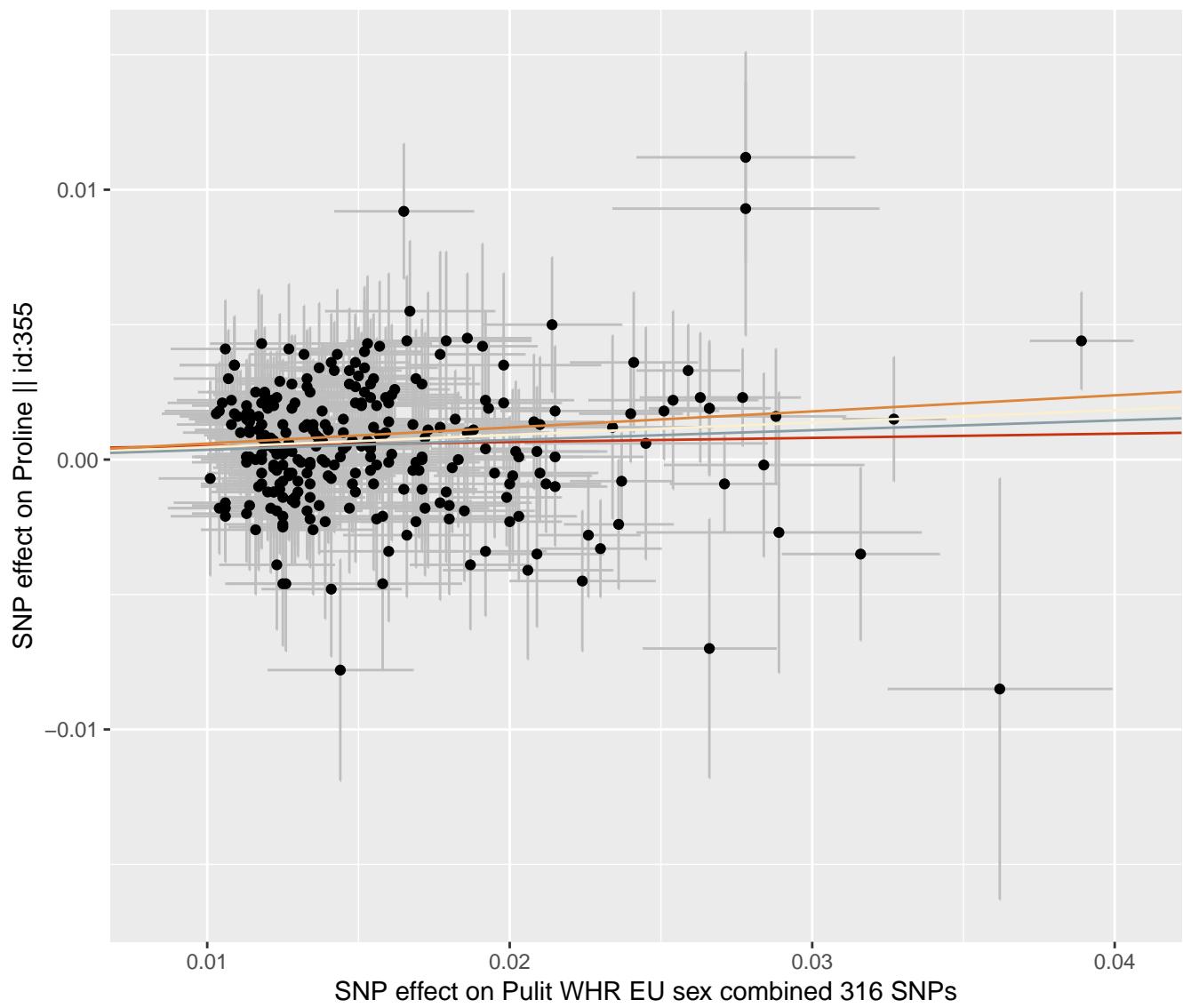
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



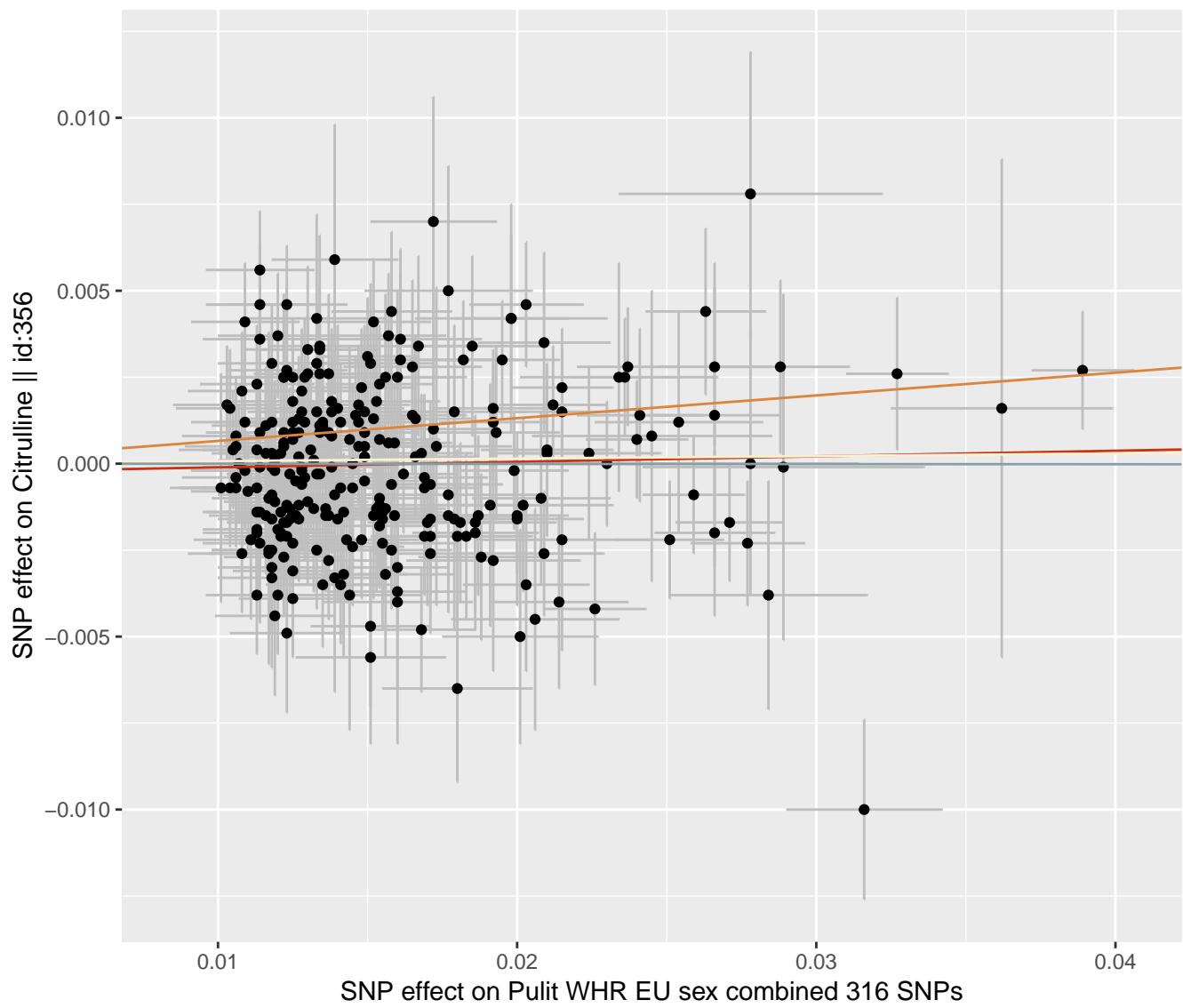
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



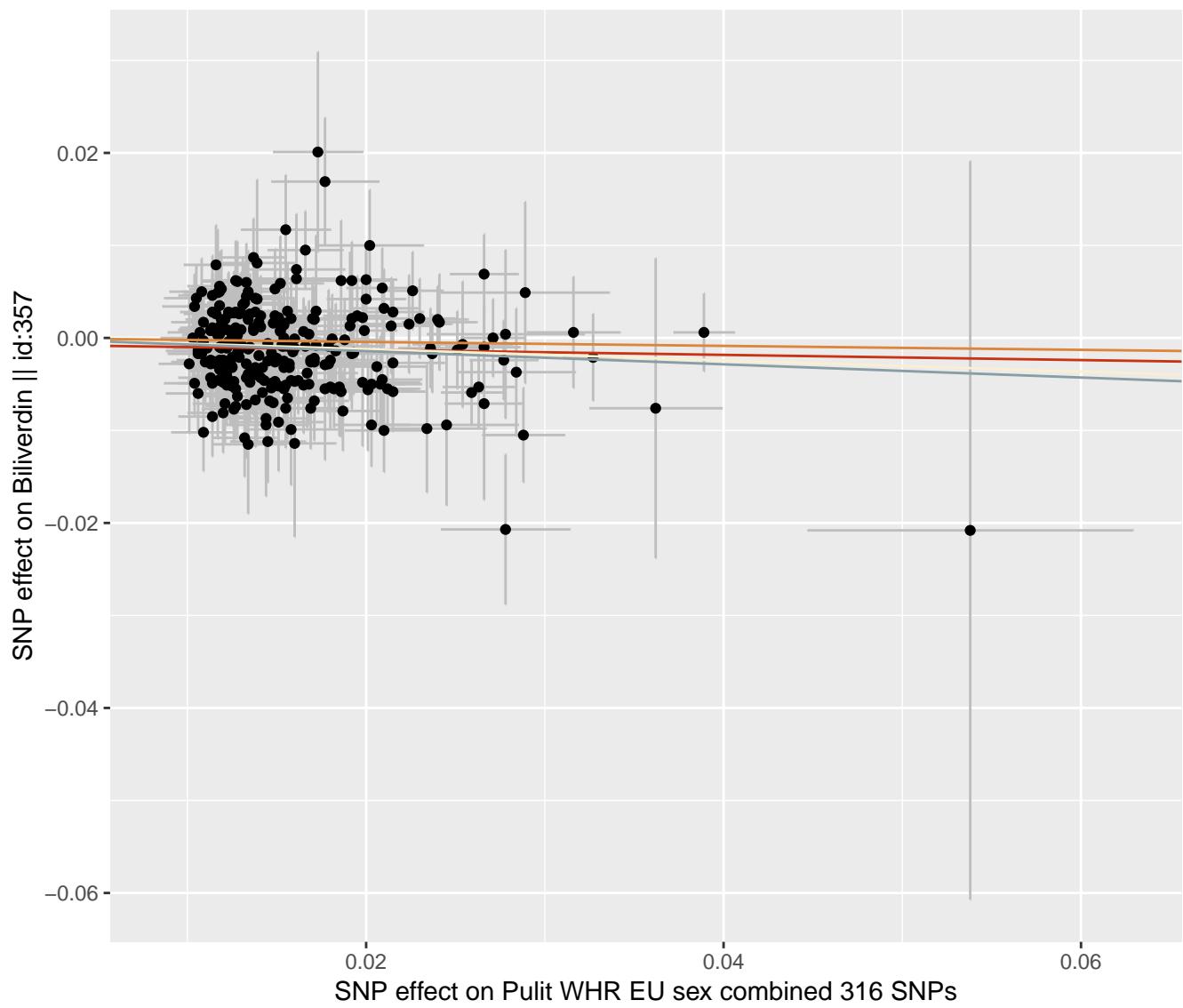
MR Egger



Weighted median

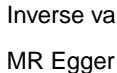


Weighted mode



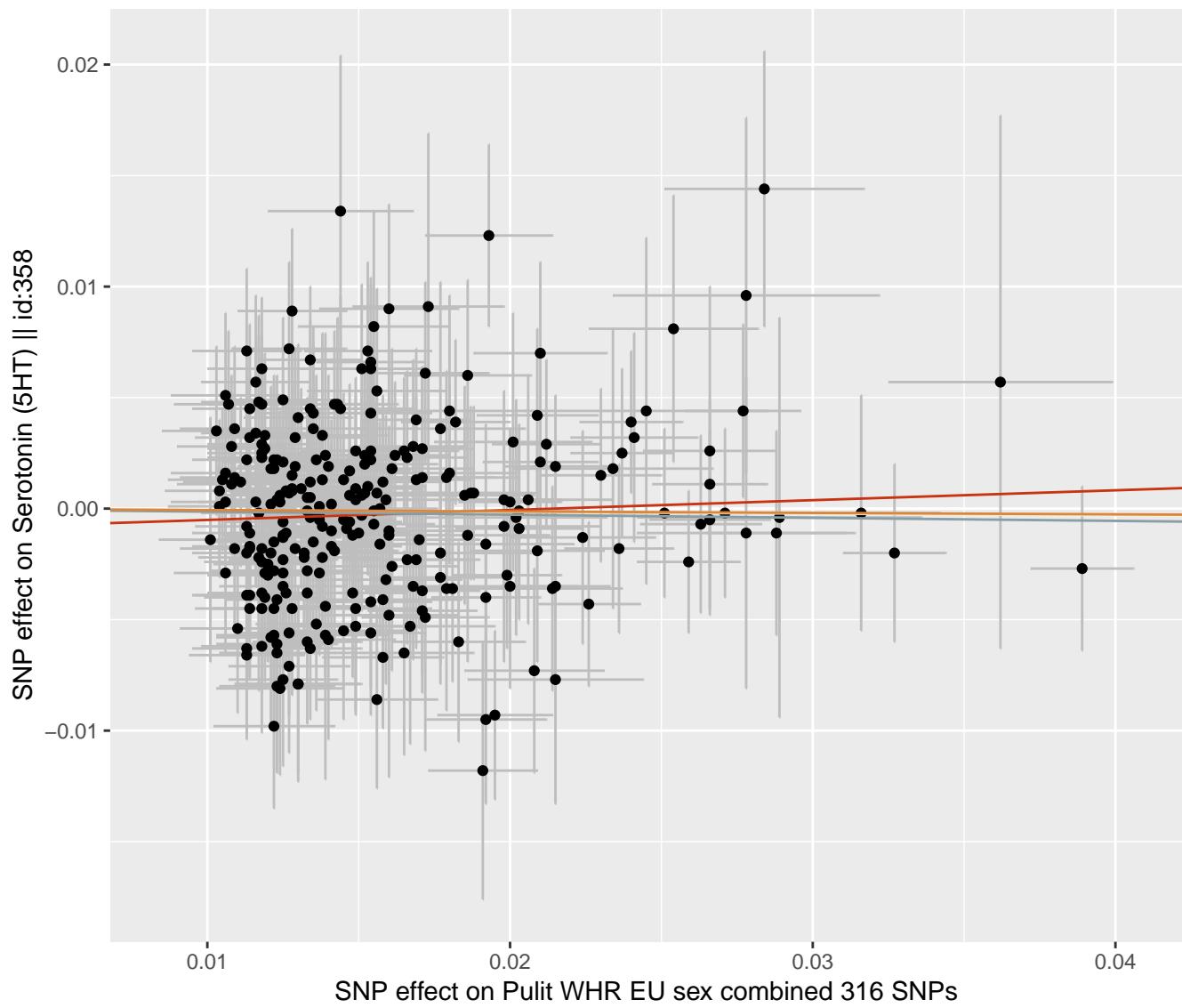
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

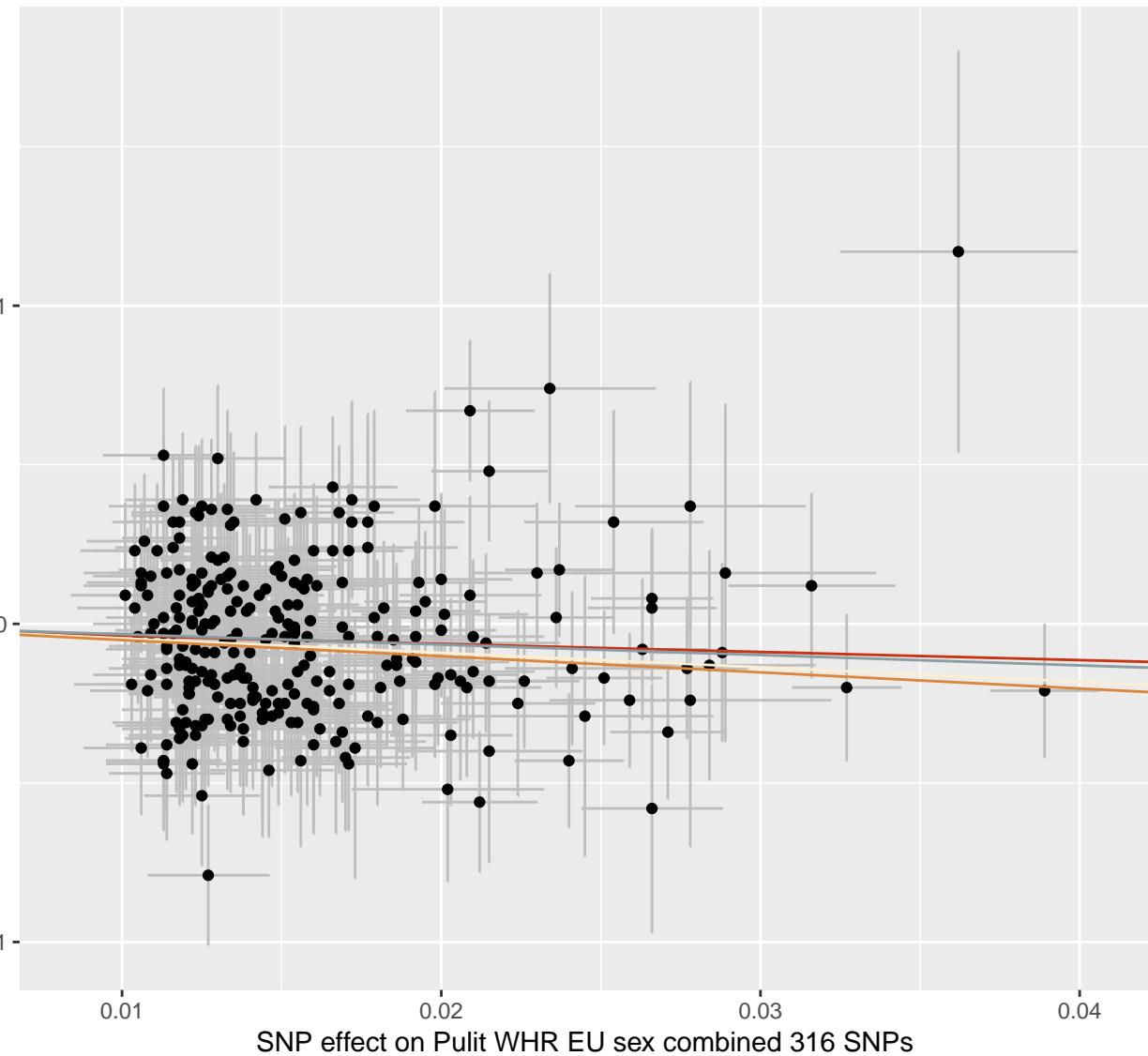


Weighted median



Weighted mode

SNP effect on Gamma-glutamylglutamine || id:359



MR Test



Inverse variance weighted (multiplicative random effects)



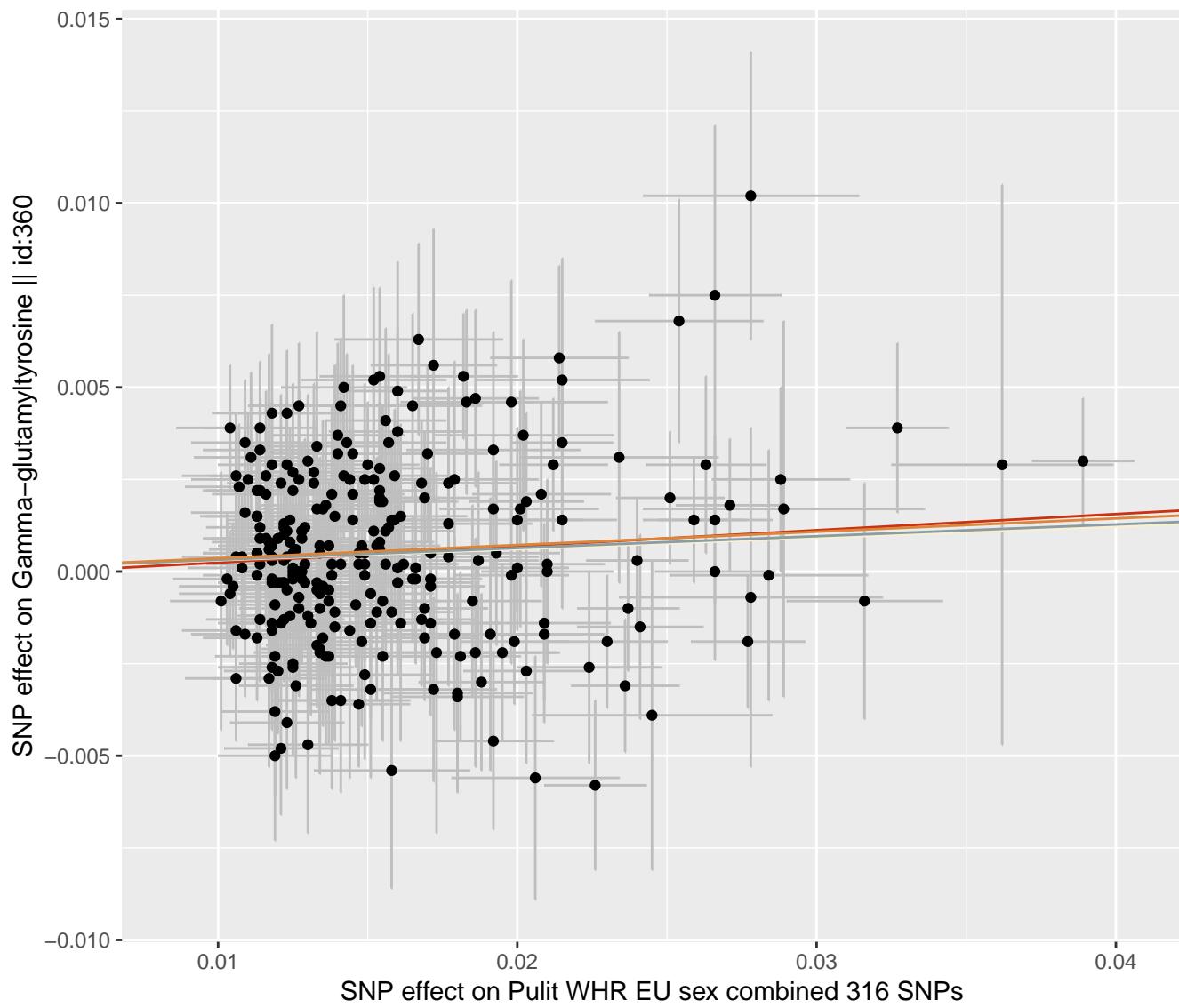
MR Egger



Weighted median



Weighted mode



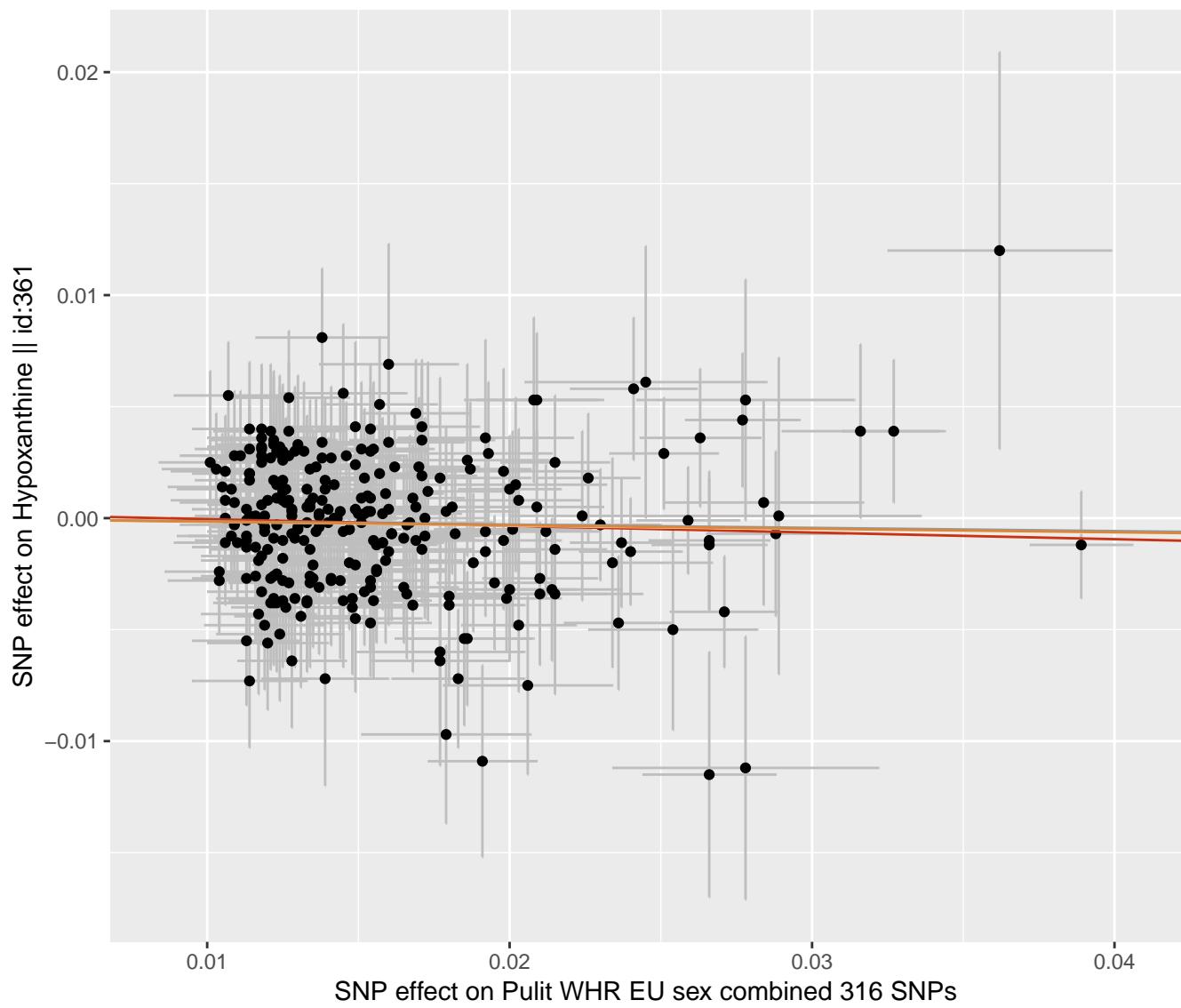
MR Test

Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



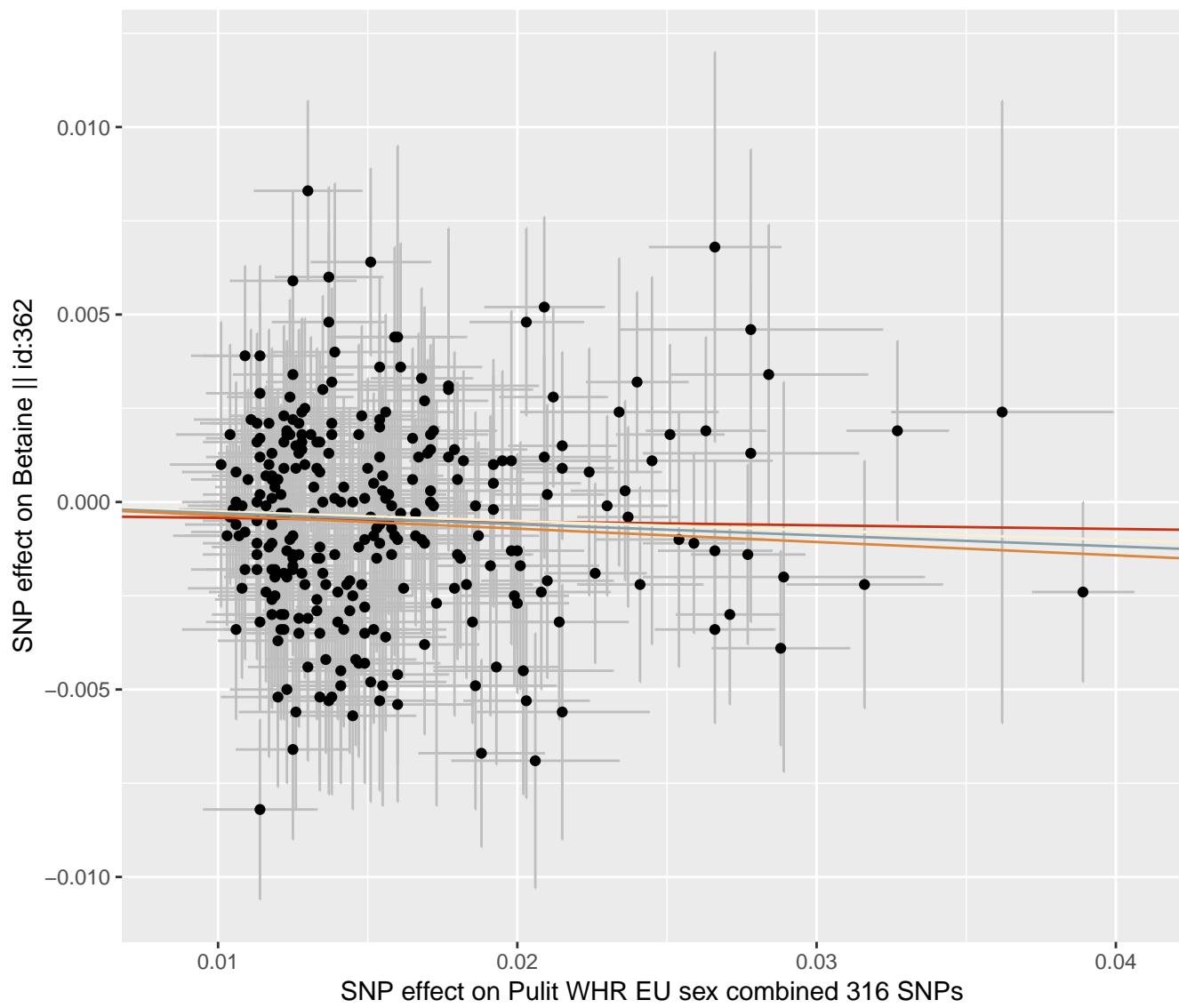
MR Egger



Weighted median

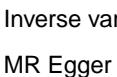


Weighted mode



MR Test

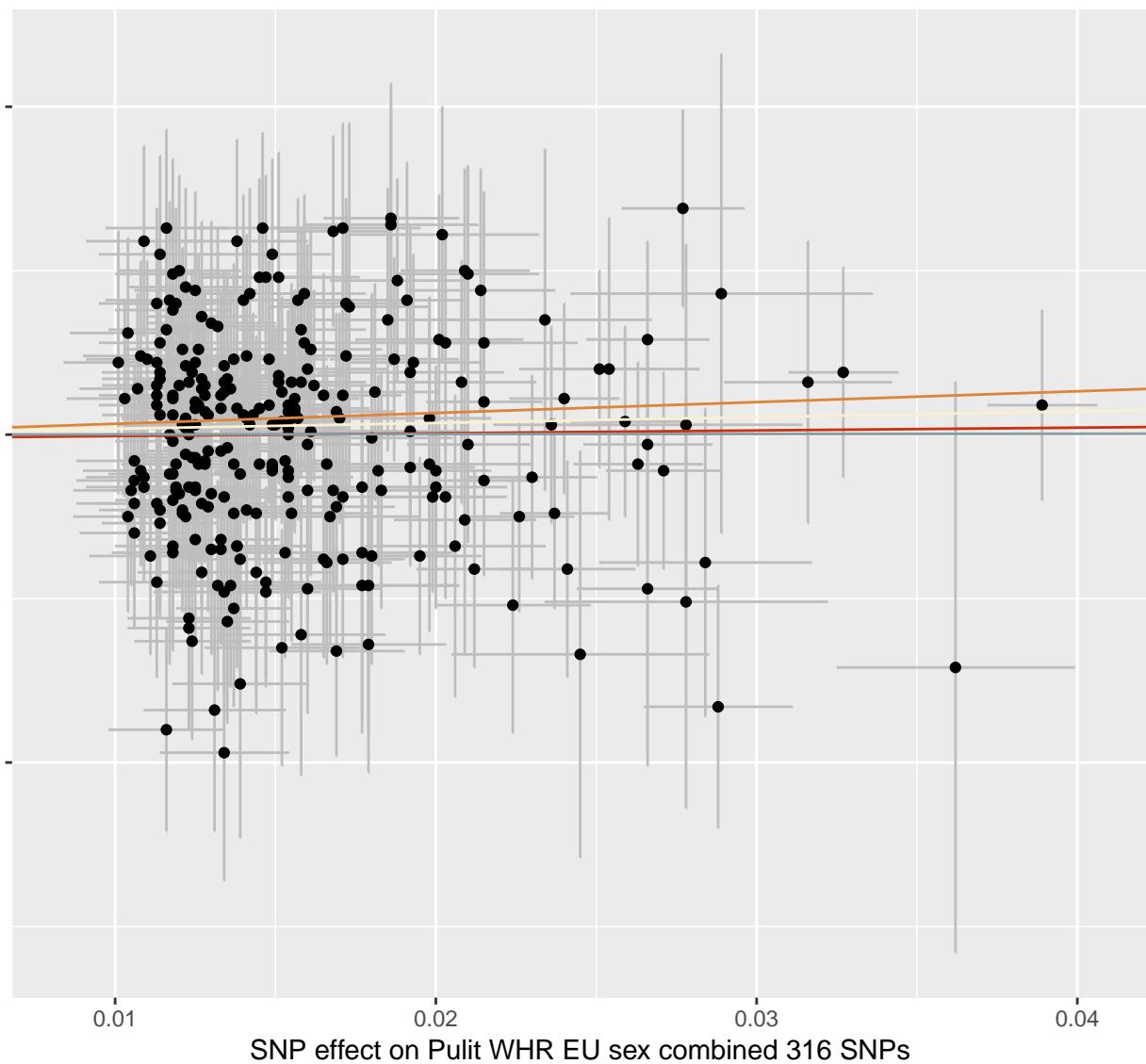
 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode

SNP effect on Xanthine || id:363



MR Test



Inverse variance weighted (multiplicative random effects)



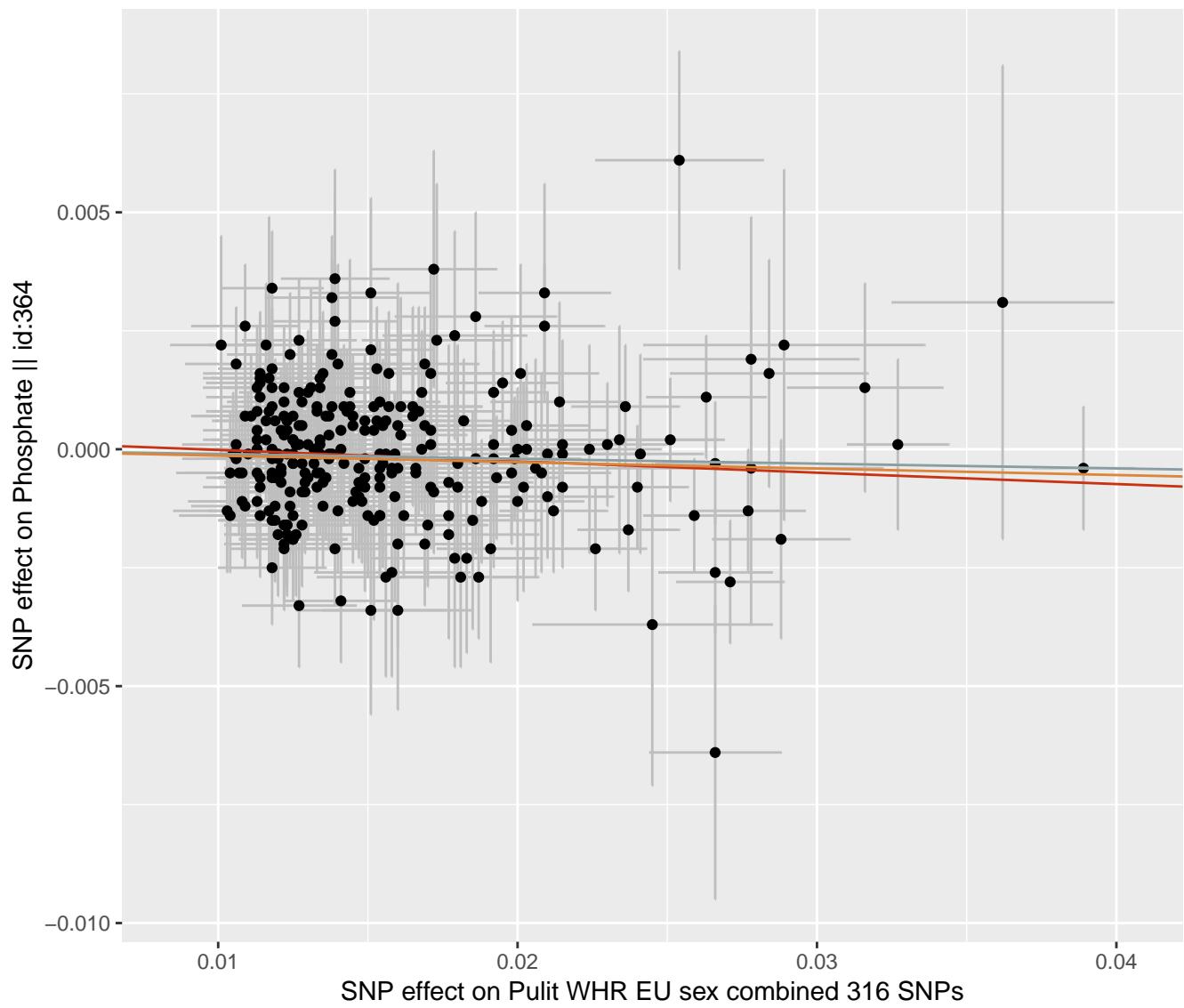
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



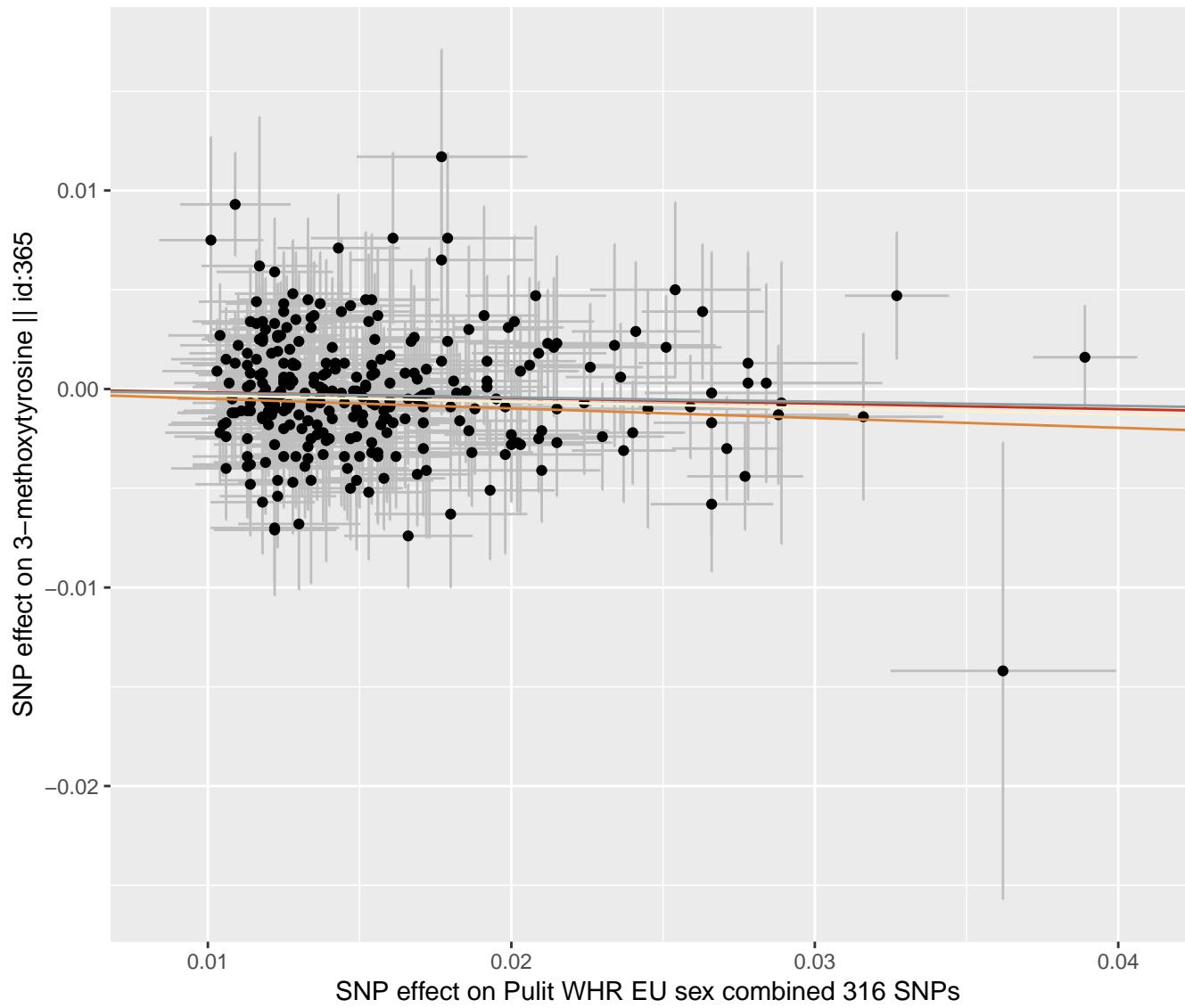
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



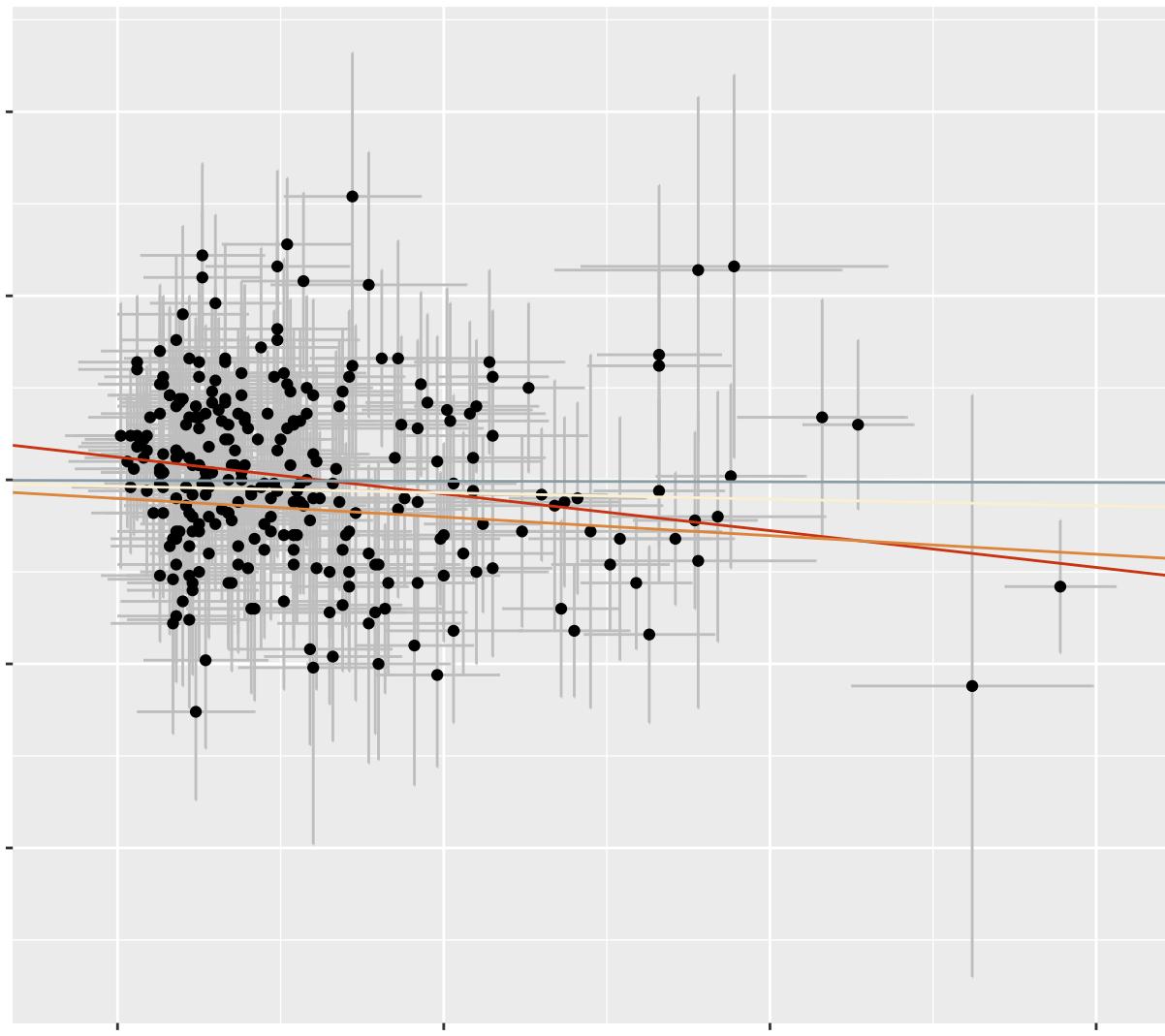
Weighted median



Weighted mode

SNP effect on Pelargonate (9:0) || id:366

SNP effect on Pulit WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



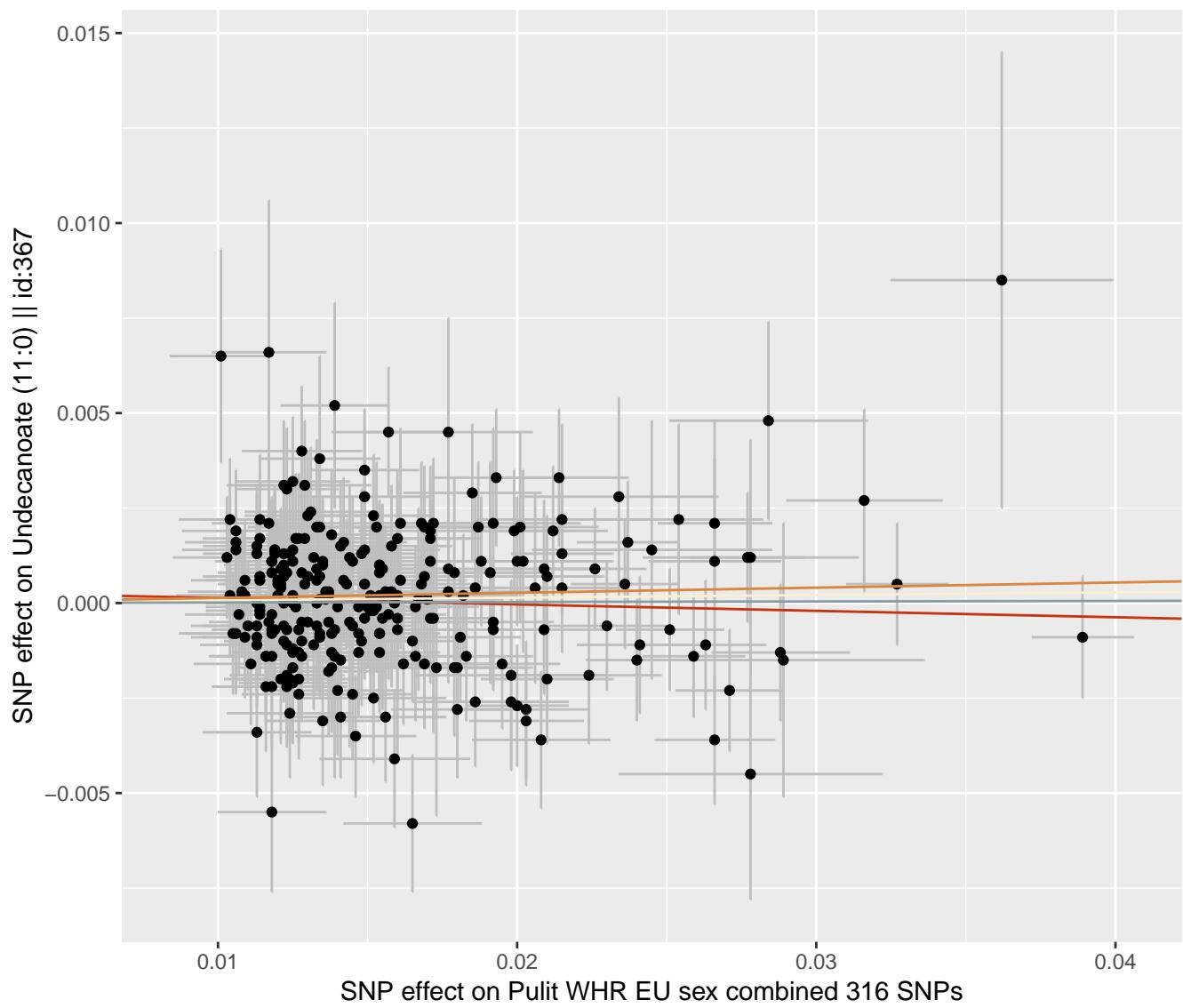
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



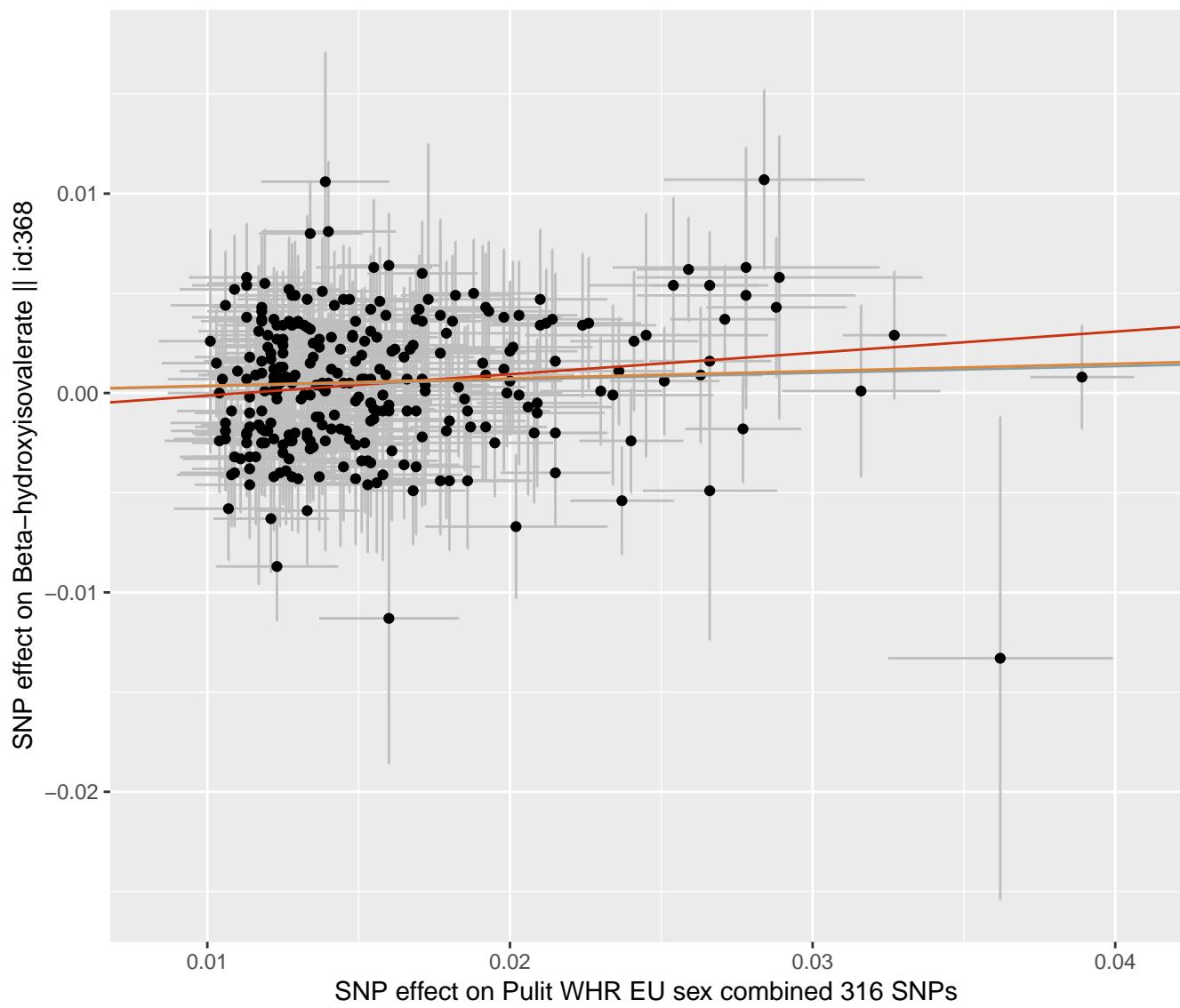
MR Egger



Weighted median

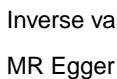


Weighted mode



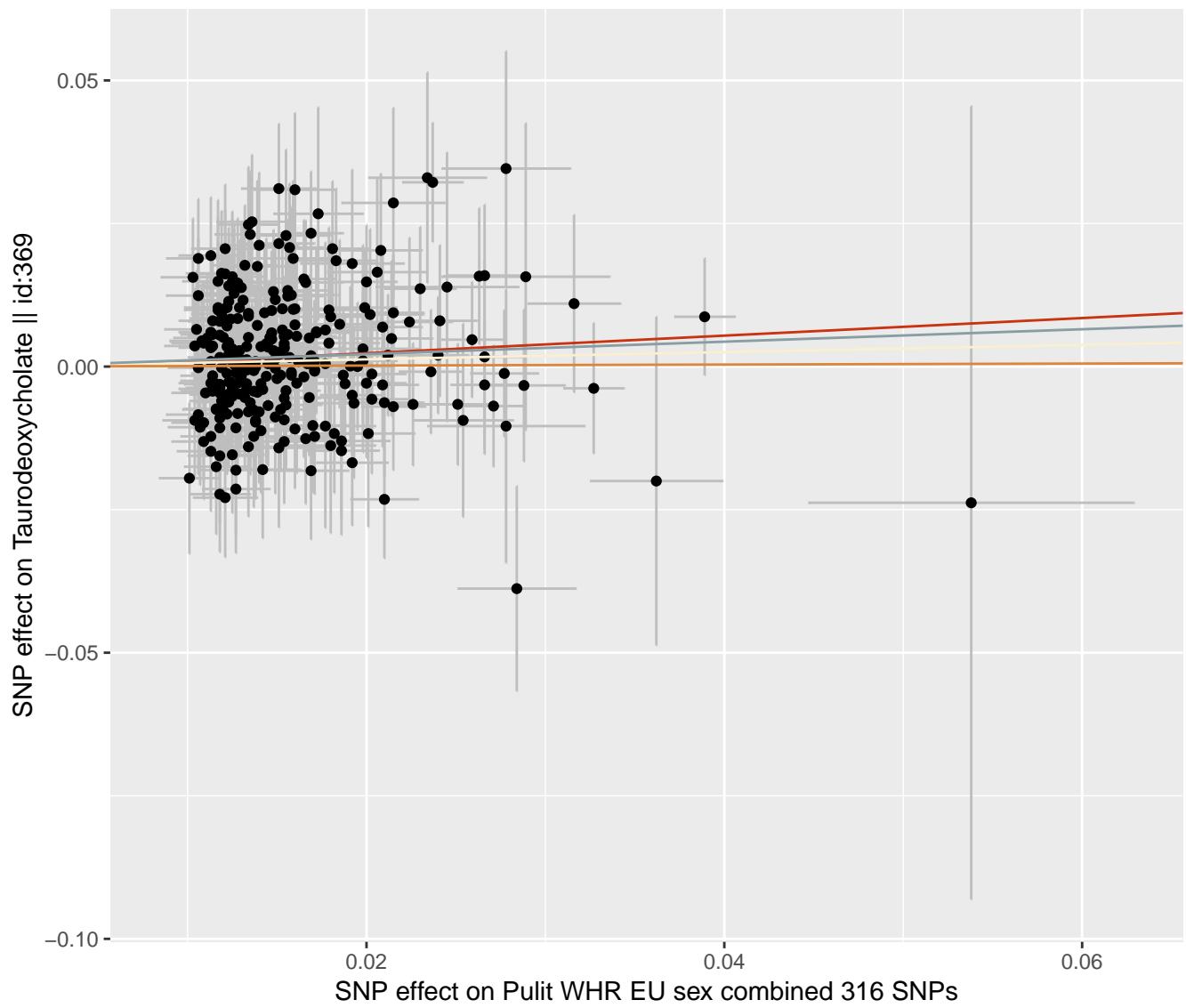
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



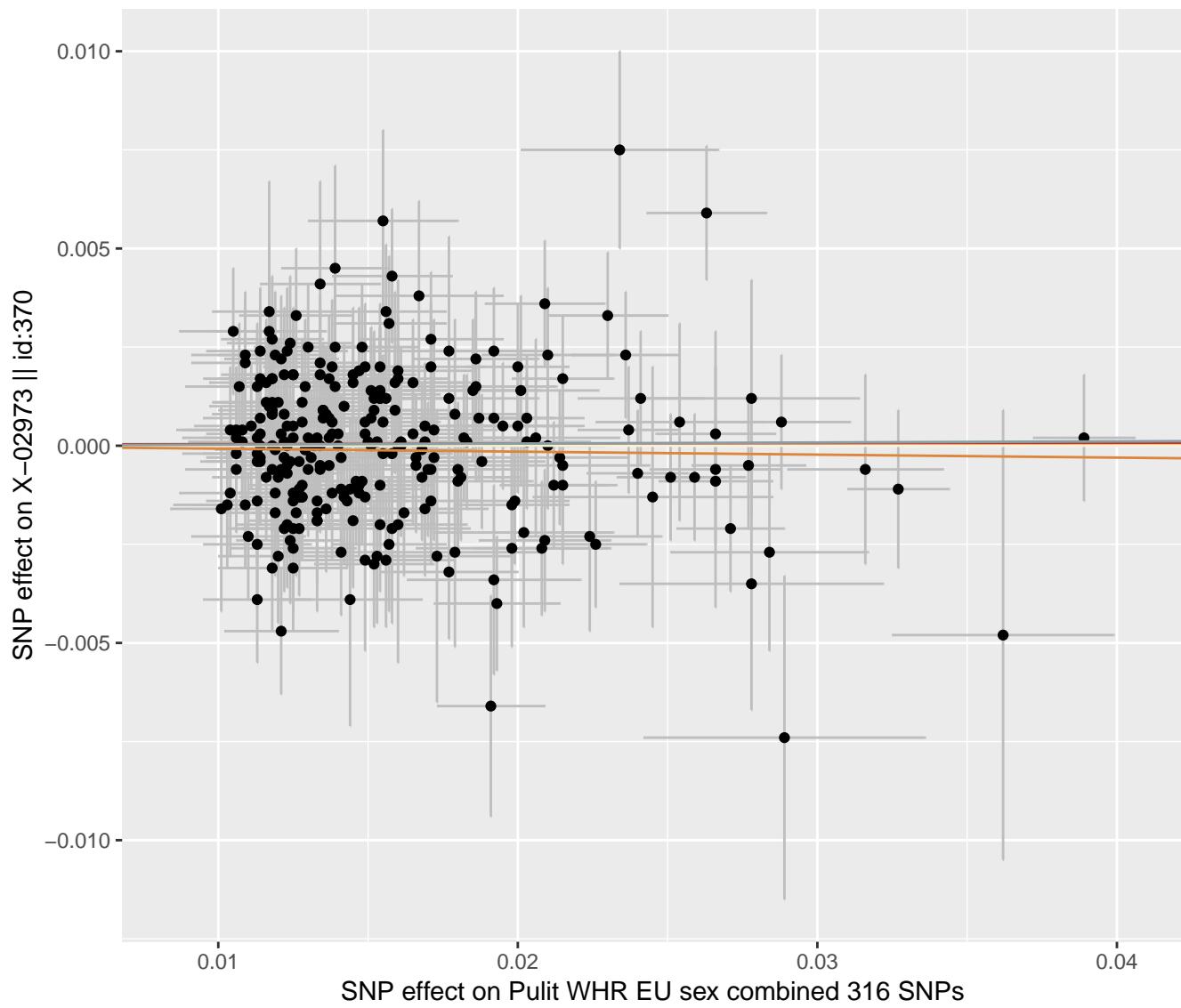
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-03003 || id:371

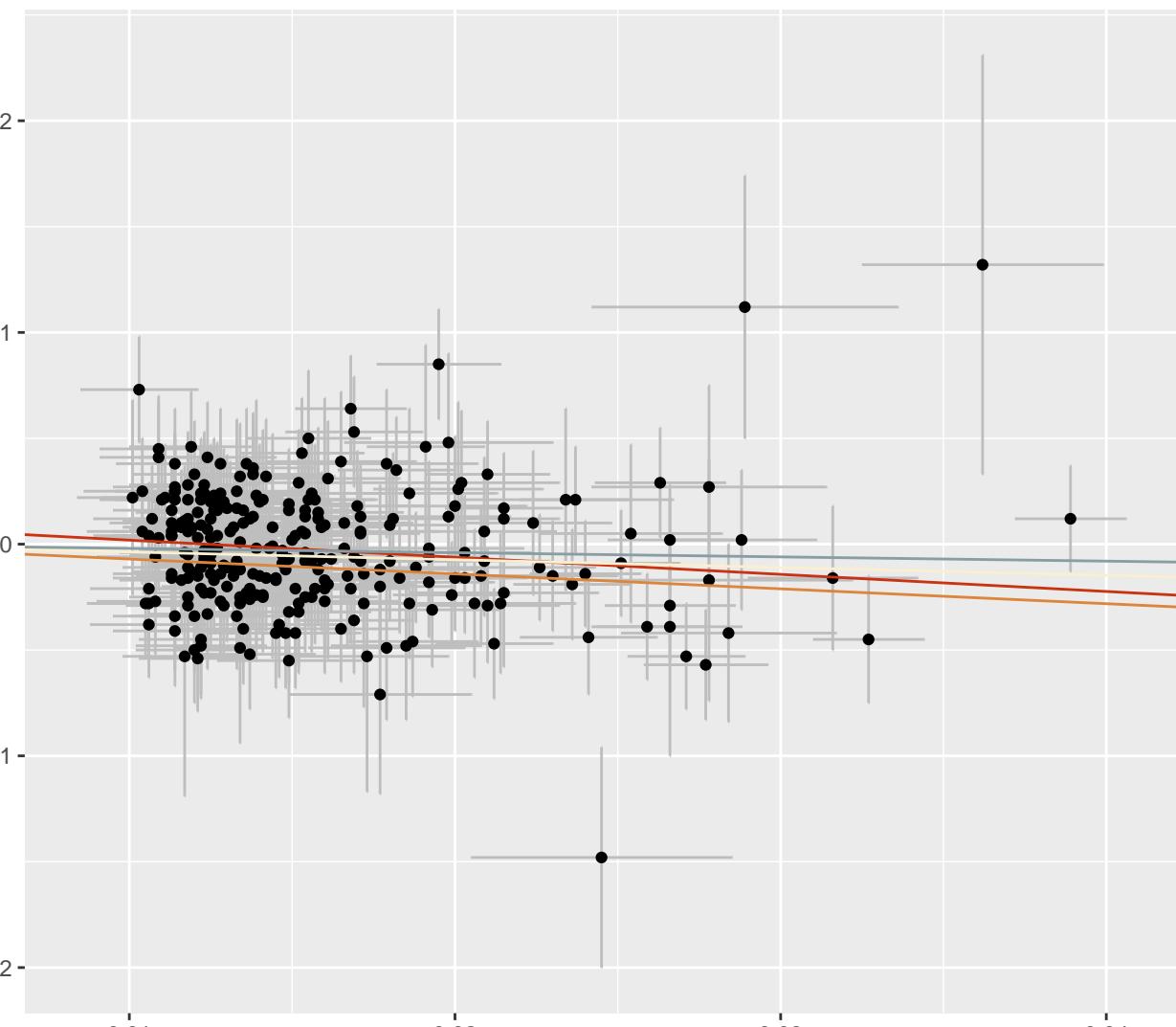
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



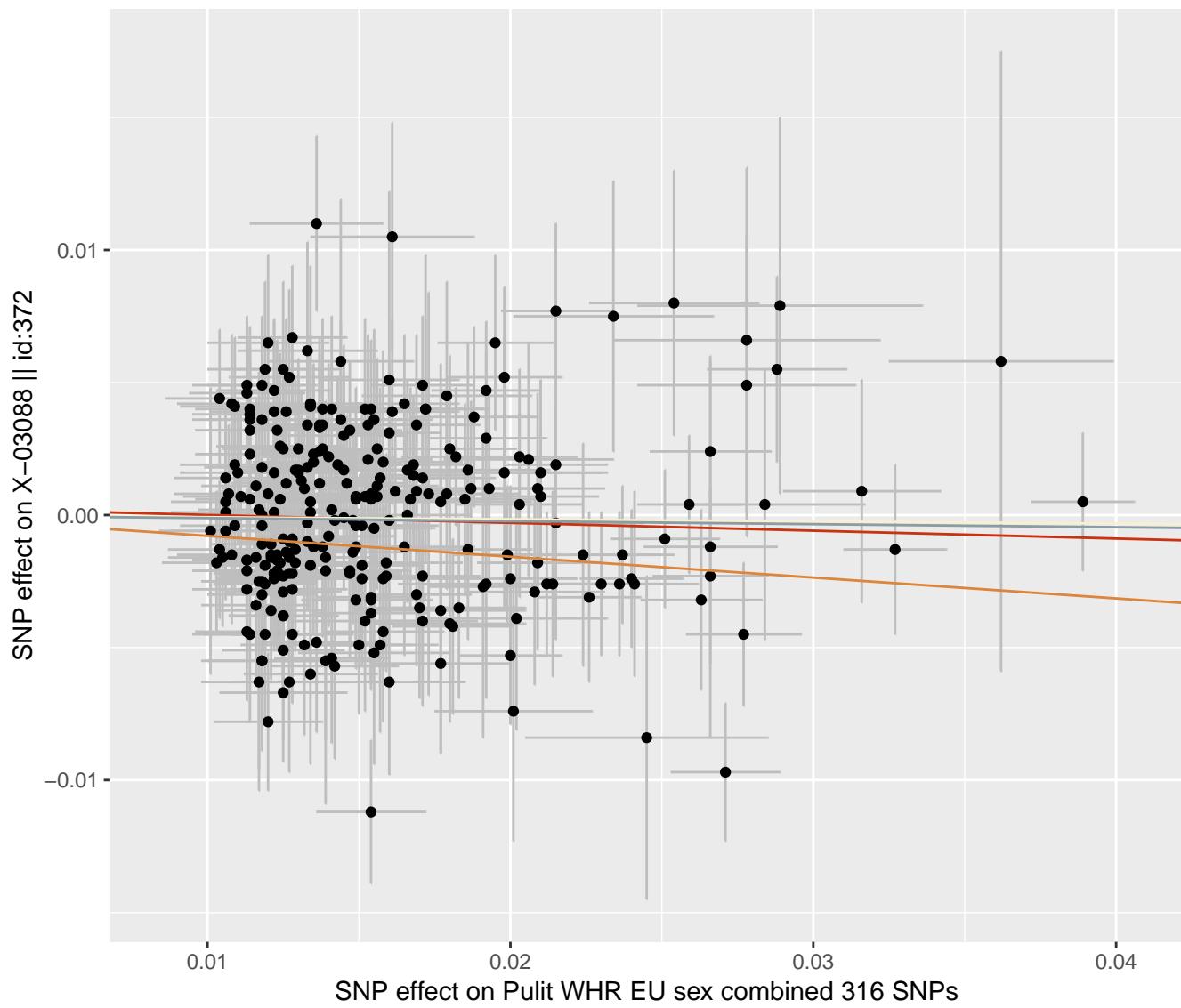
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

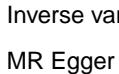
 Weighted median

 Weighted mode



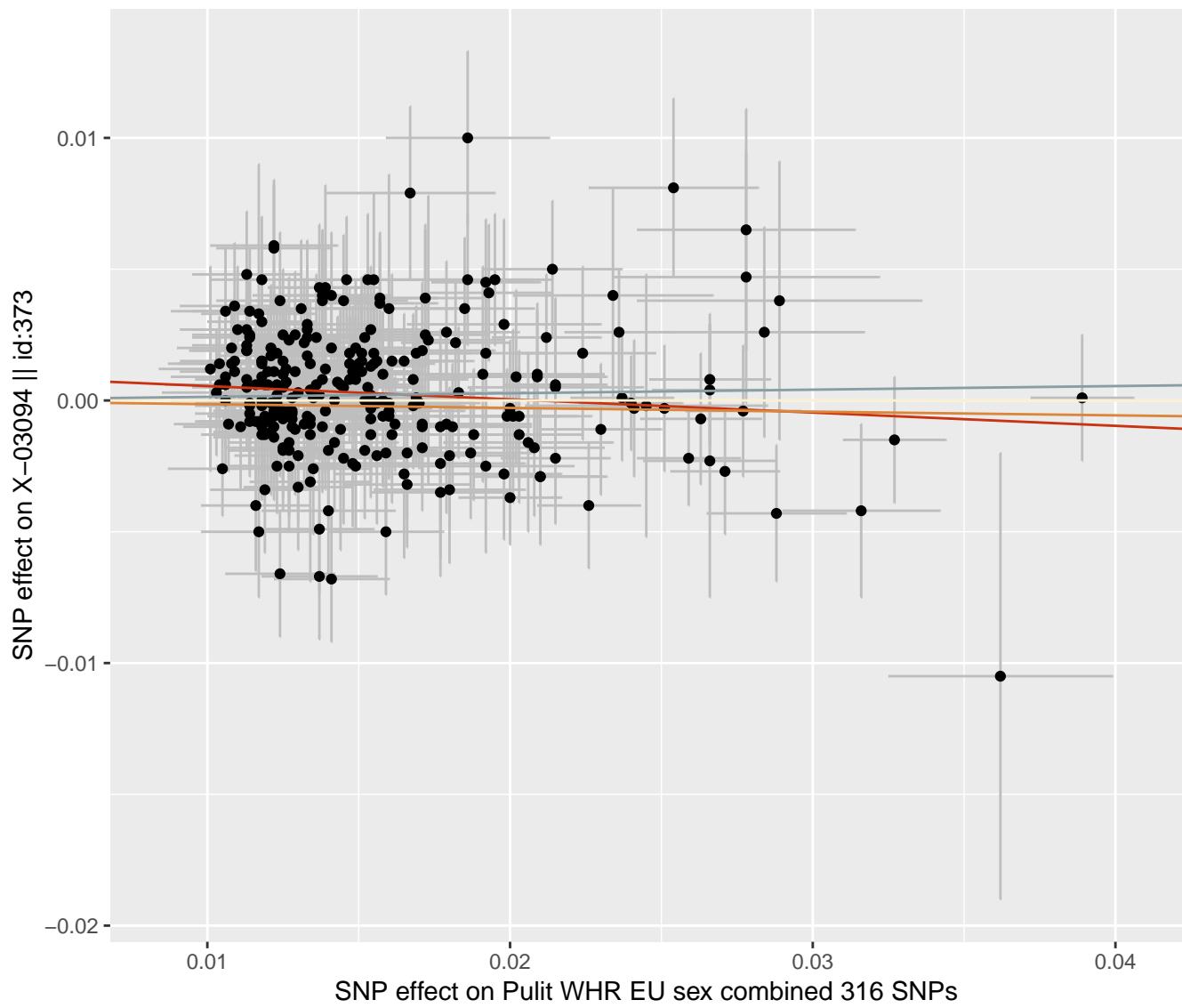
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

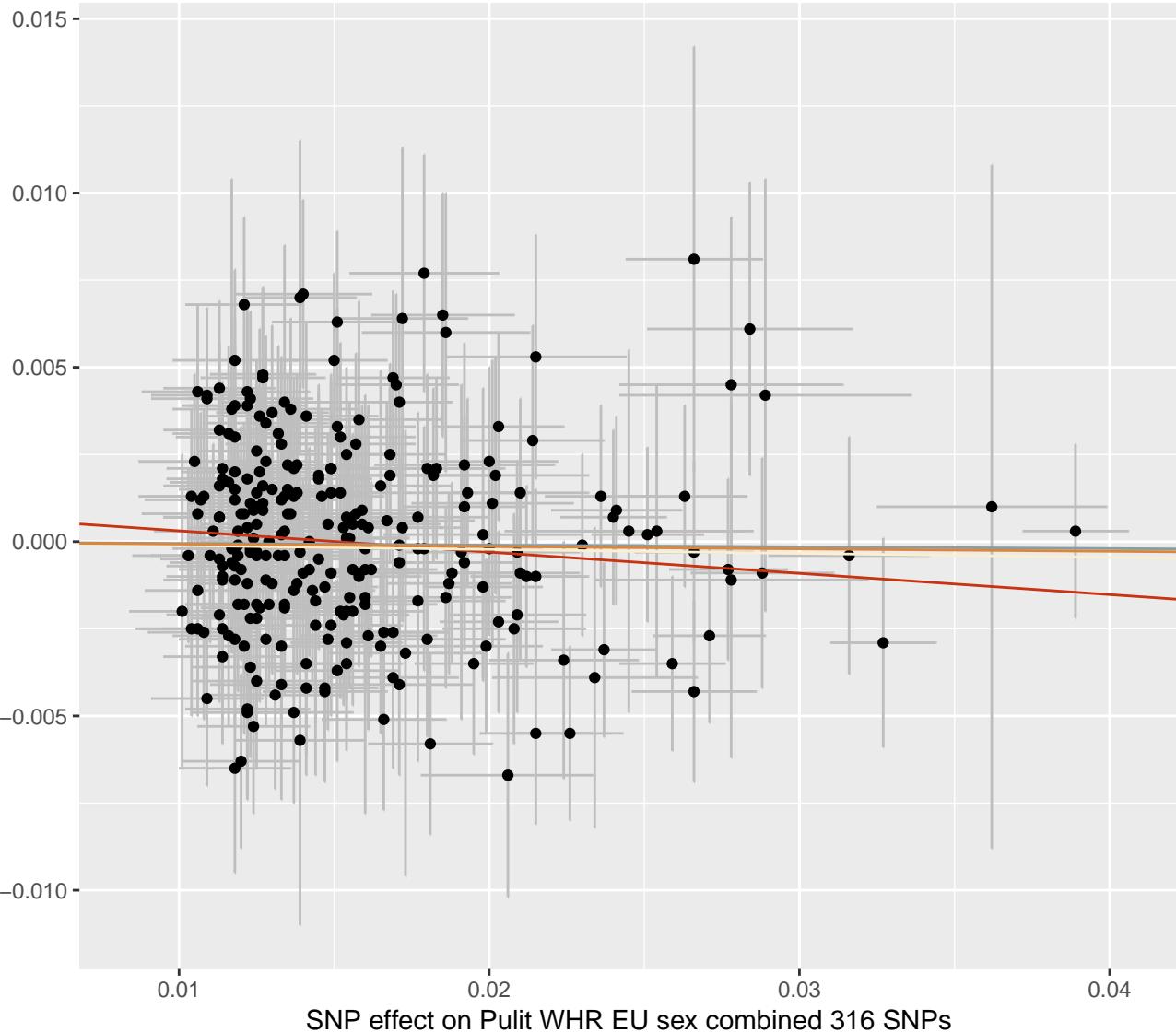


Weighted median



Weighted mode

SNP effect on Glycerol || id:374



SNP effect on Pulit WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



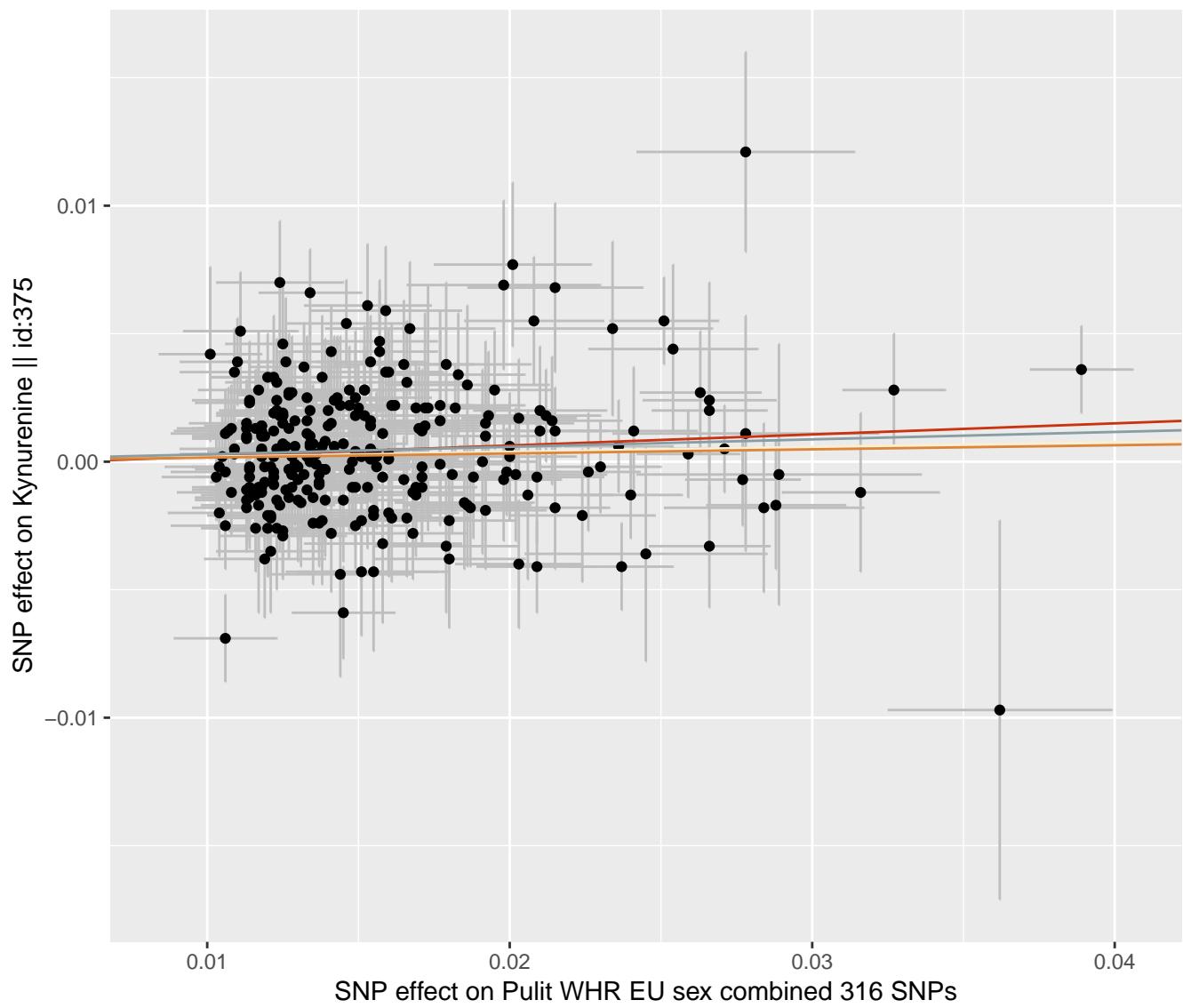
MR Egger



Weighted median



Weighted mode



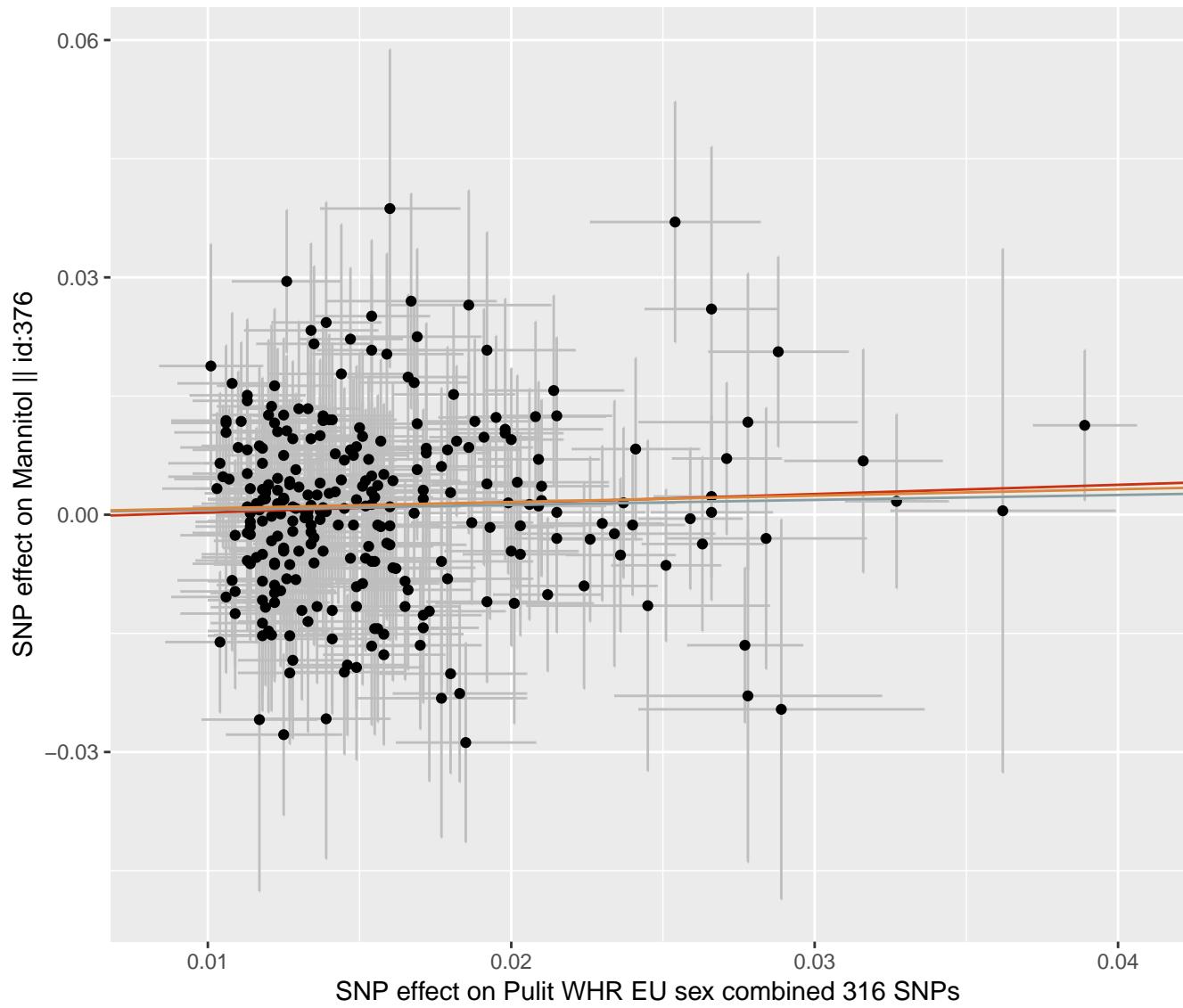
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



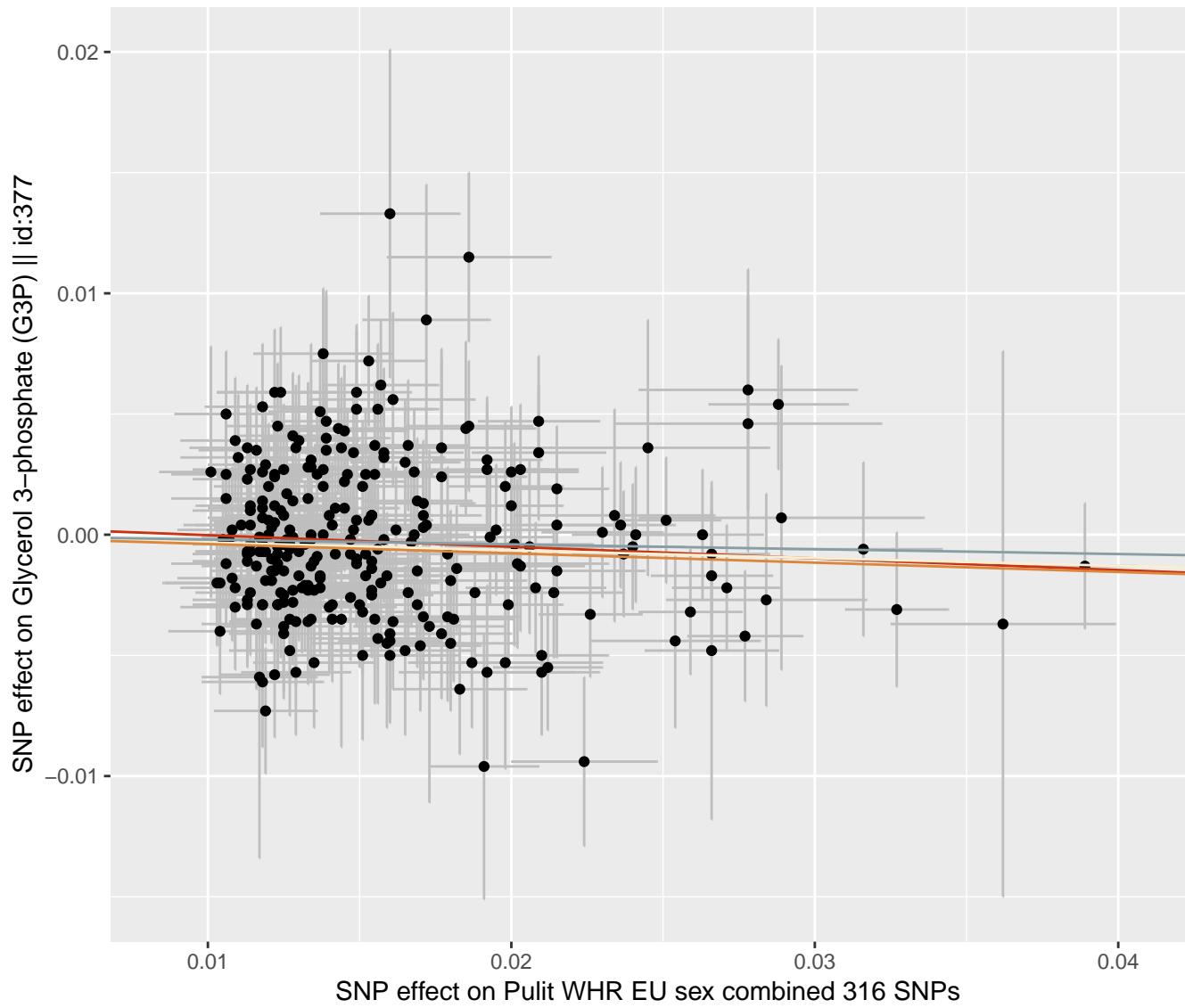
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

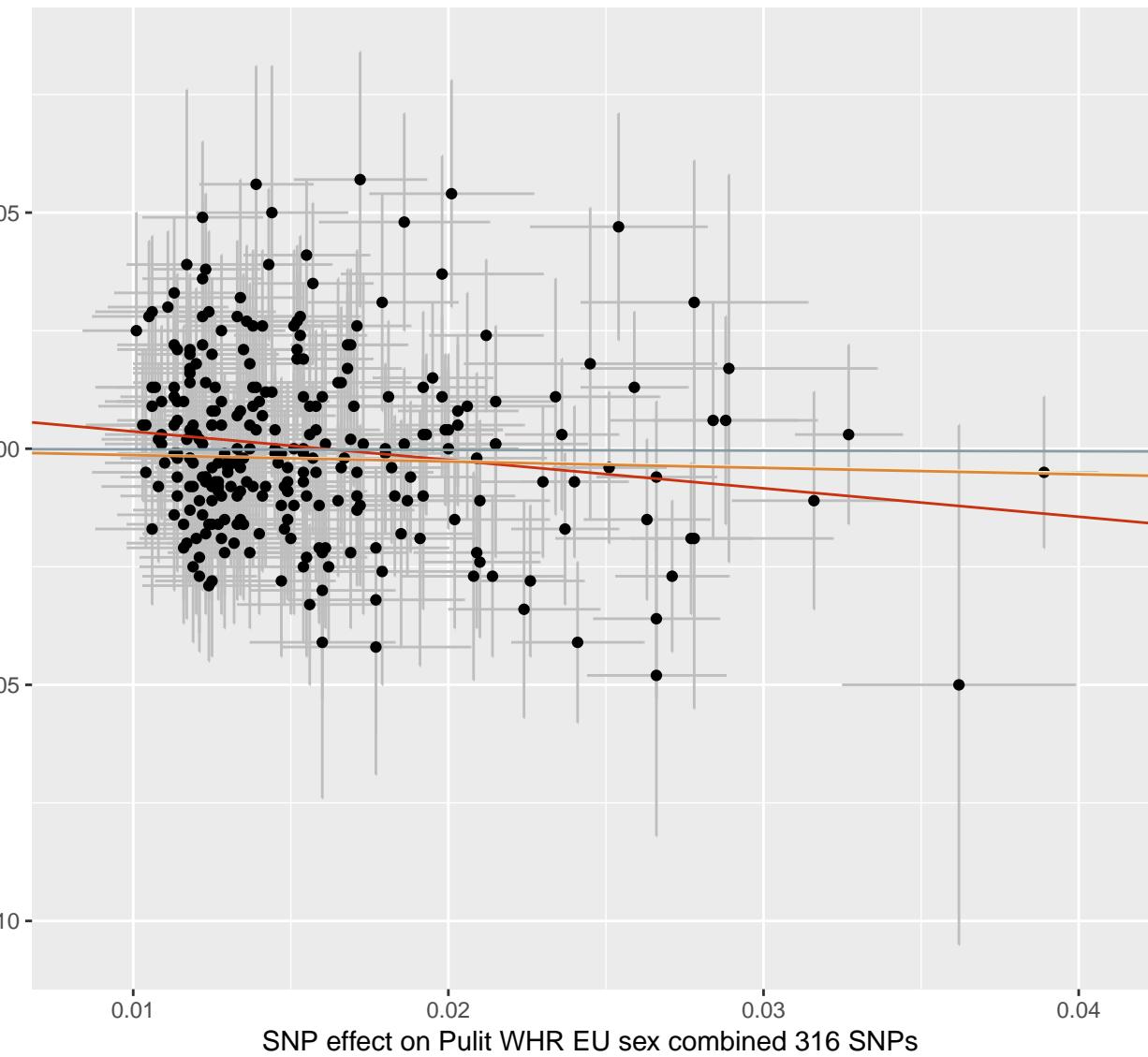


Weighted median



Weighted mode

SNP effect on Acetylphosphate || id:378



MR Test



Inverse variance weighted (multiplicative random effects)



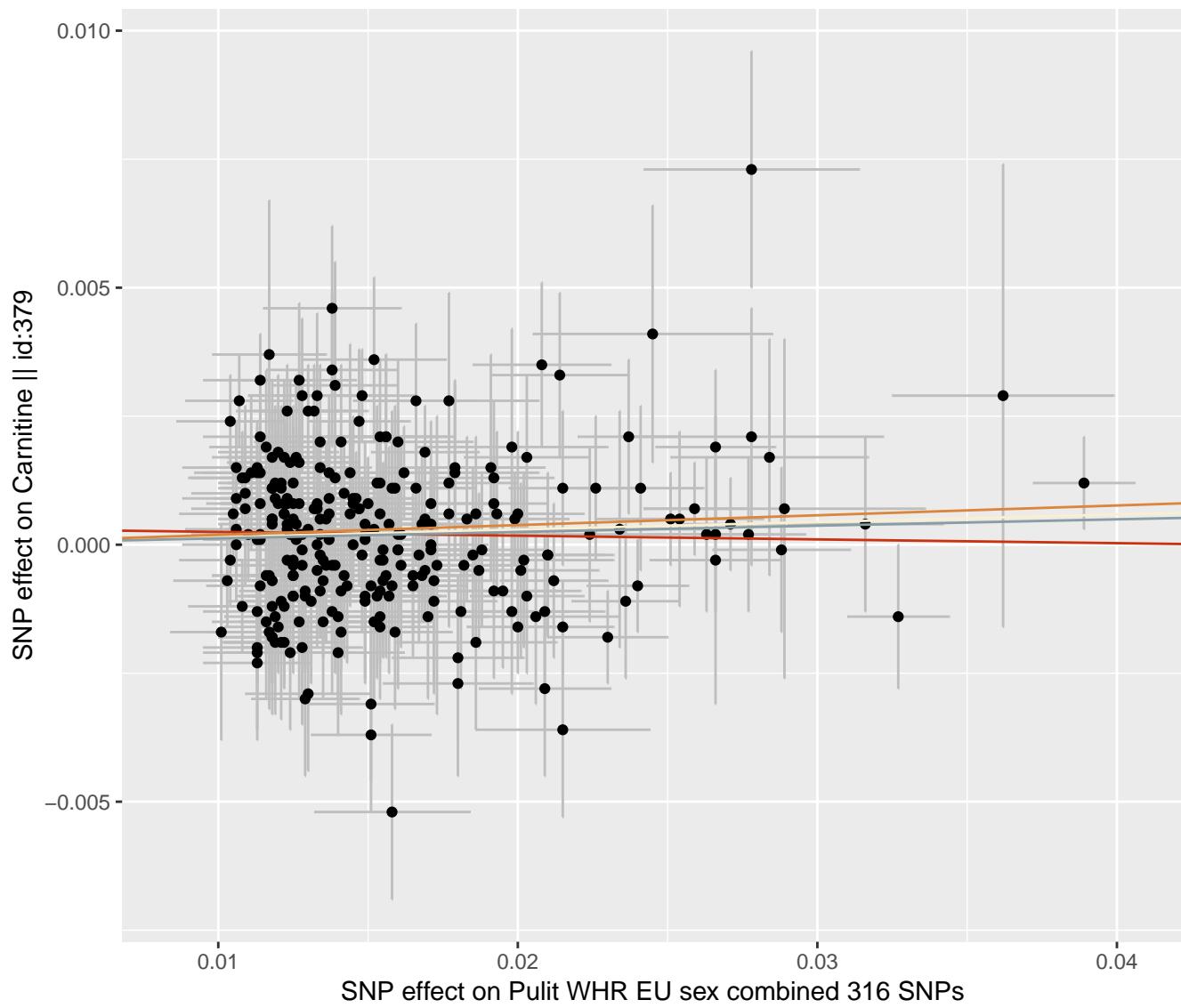
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



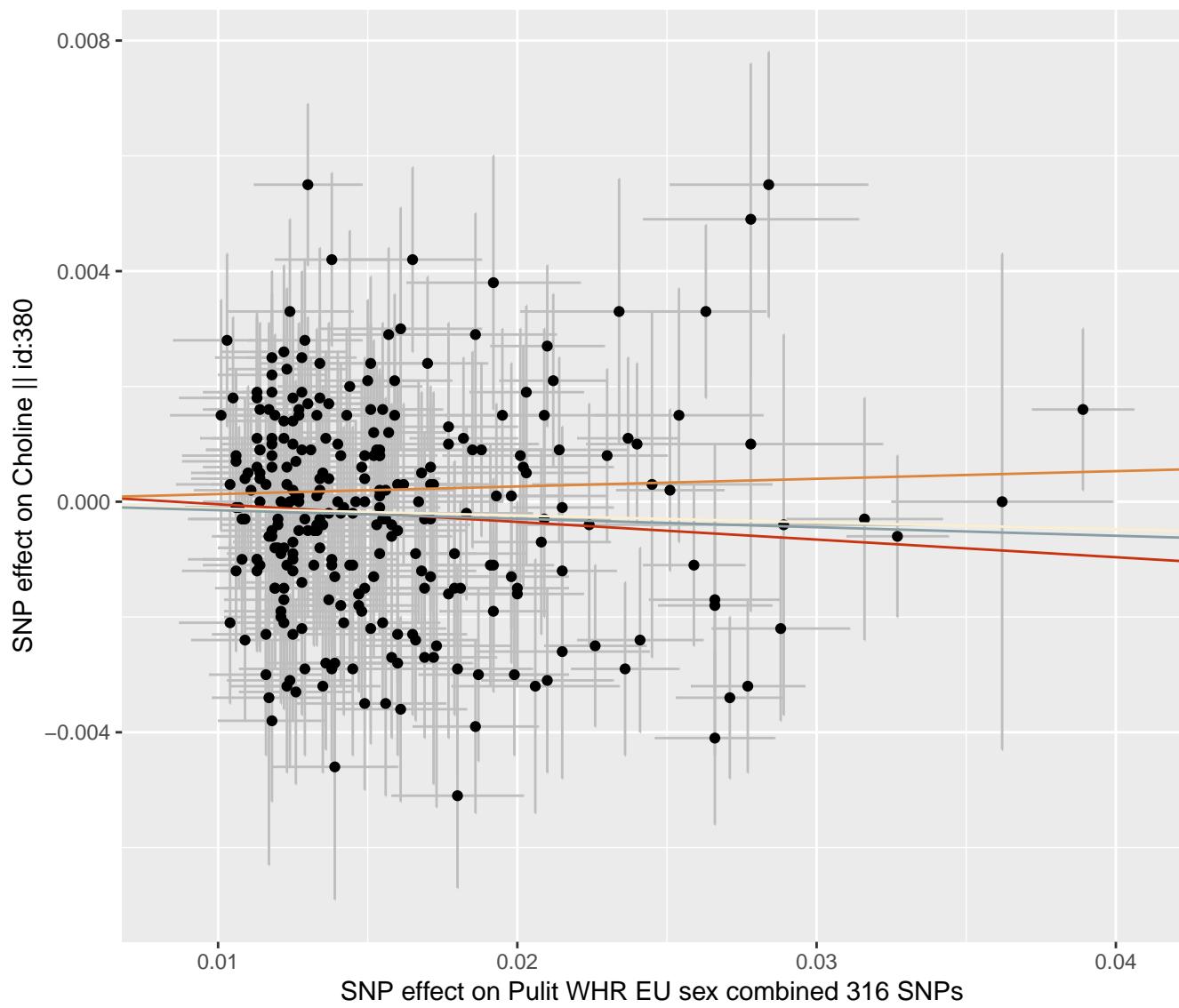
MR Egger



Weighted median



Weighted mode



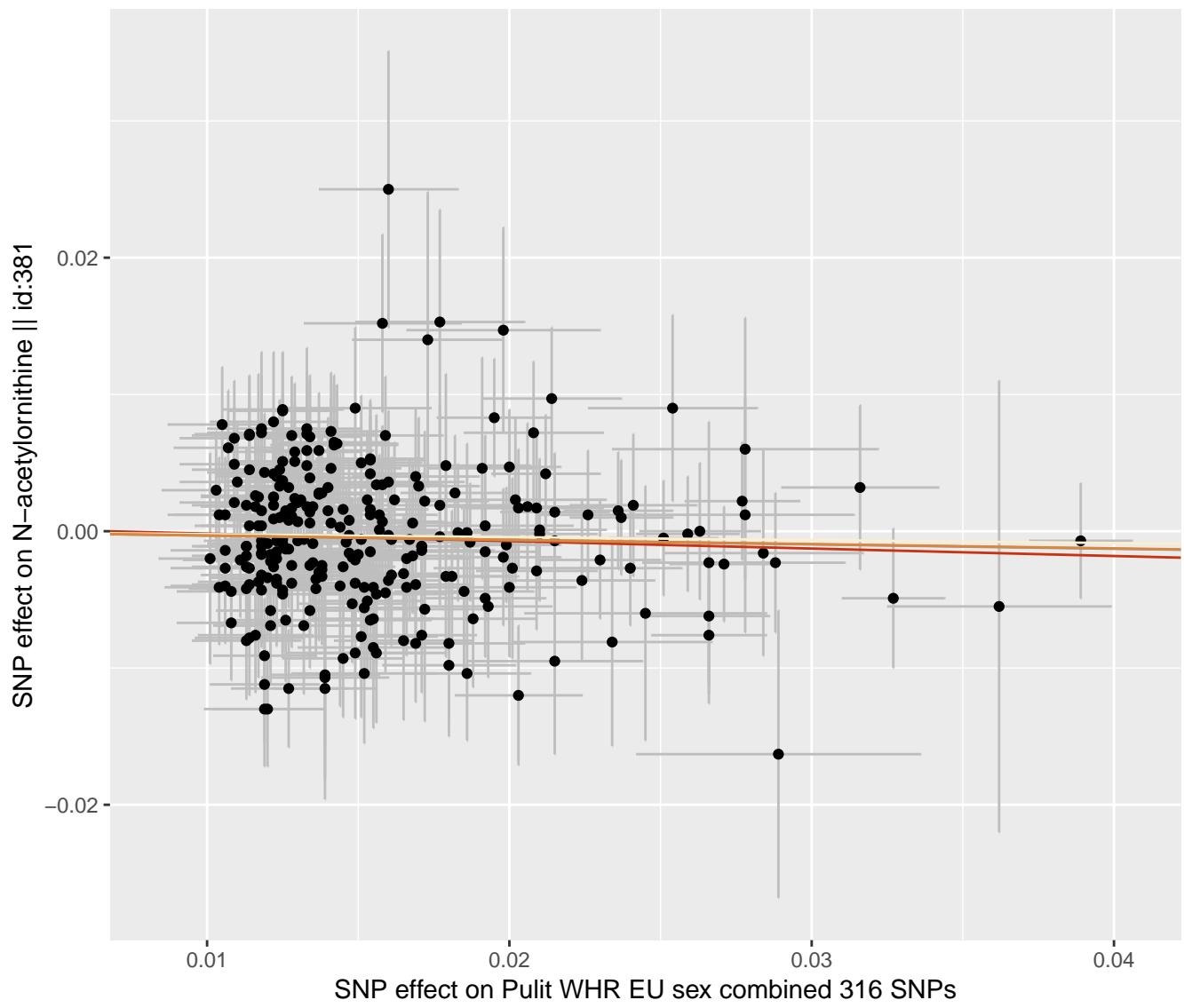
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



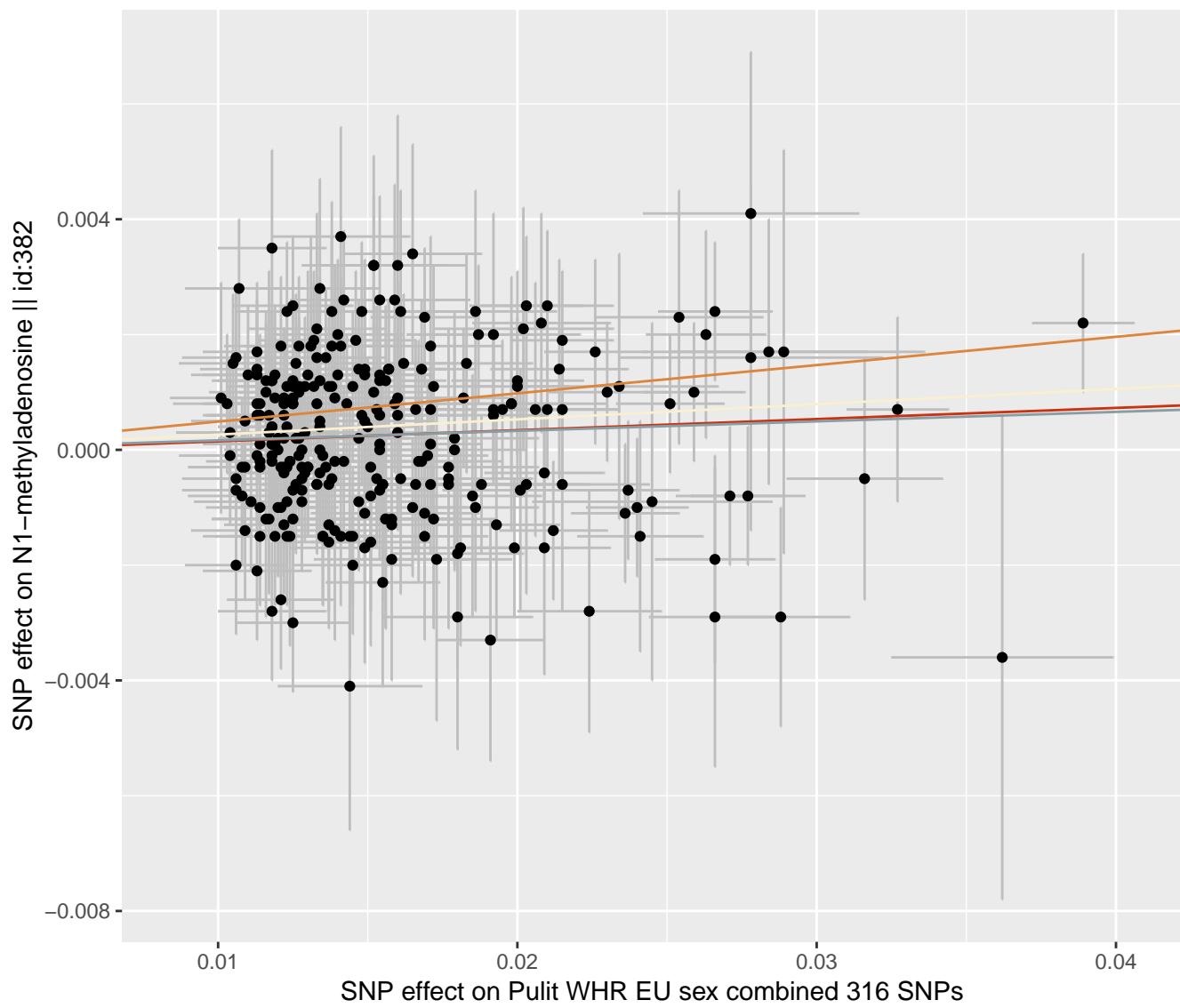
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



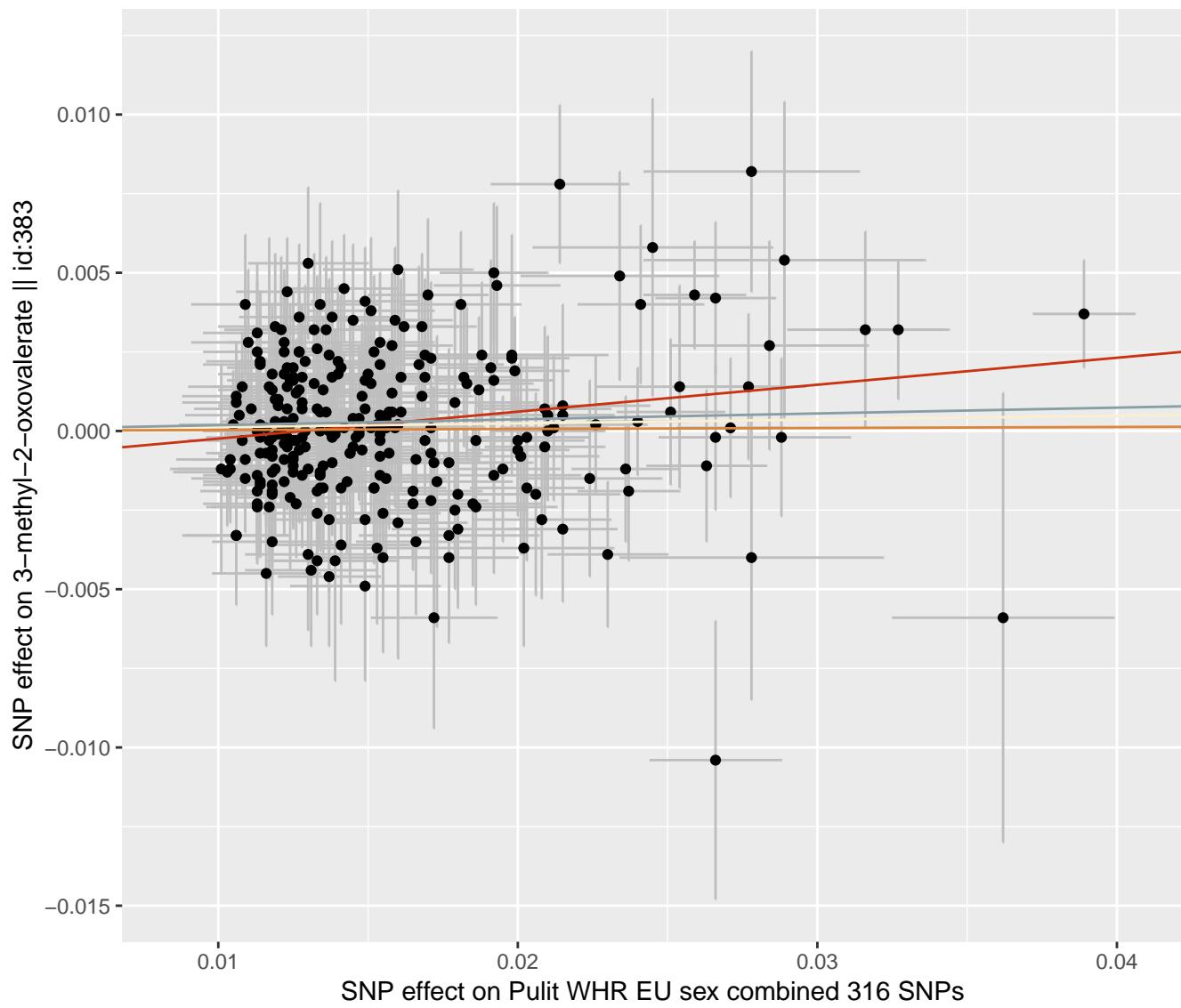
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



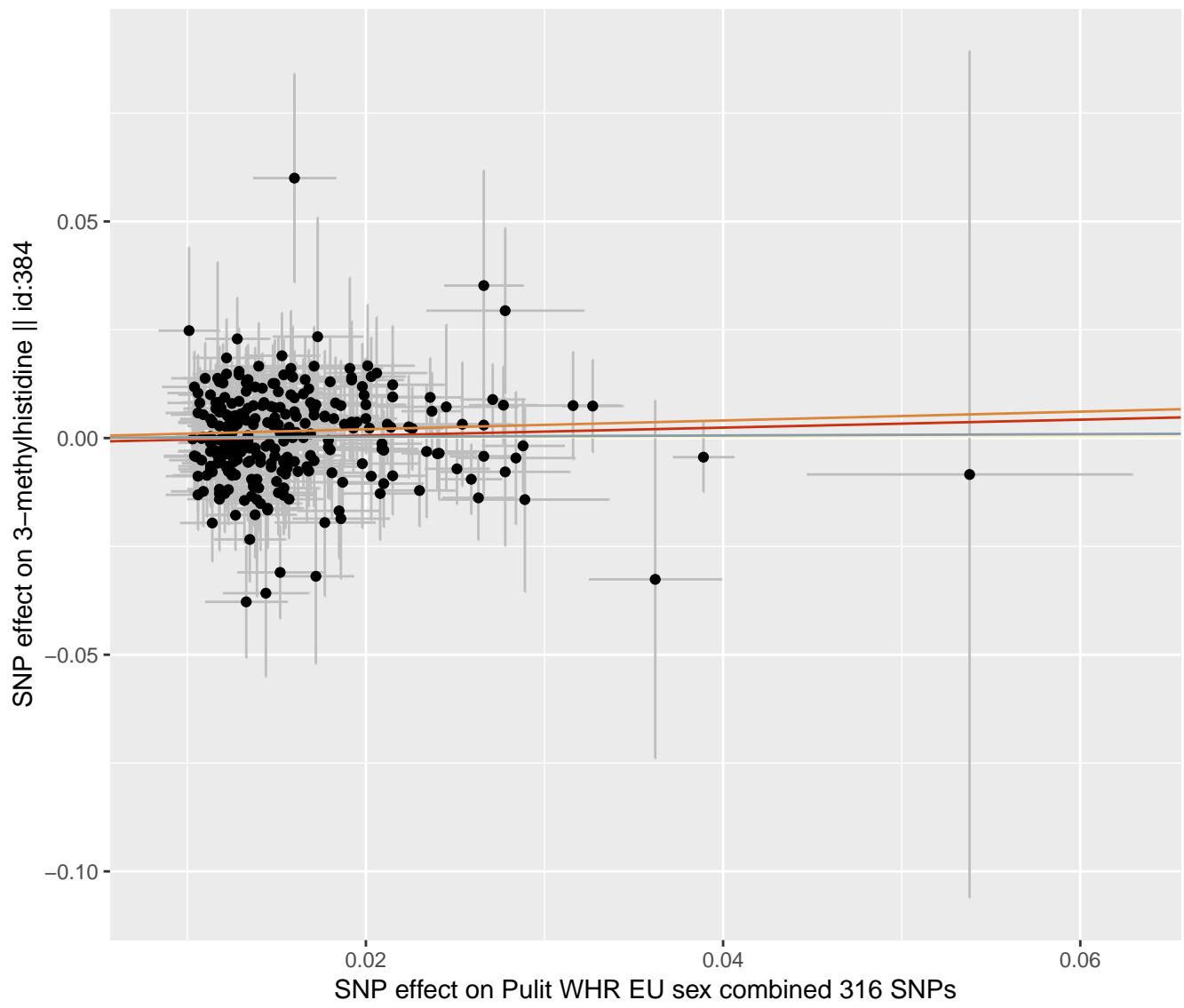
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

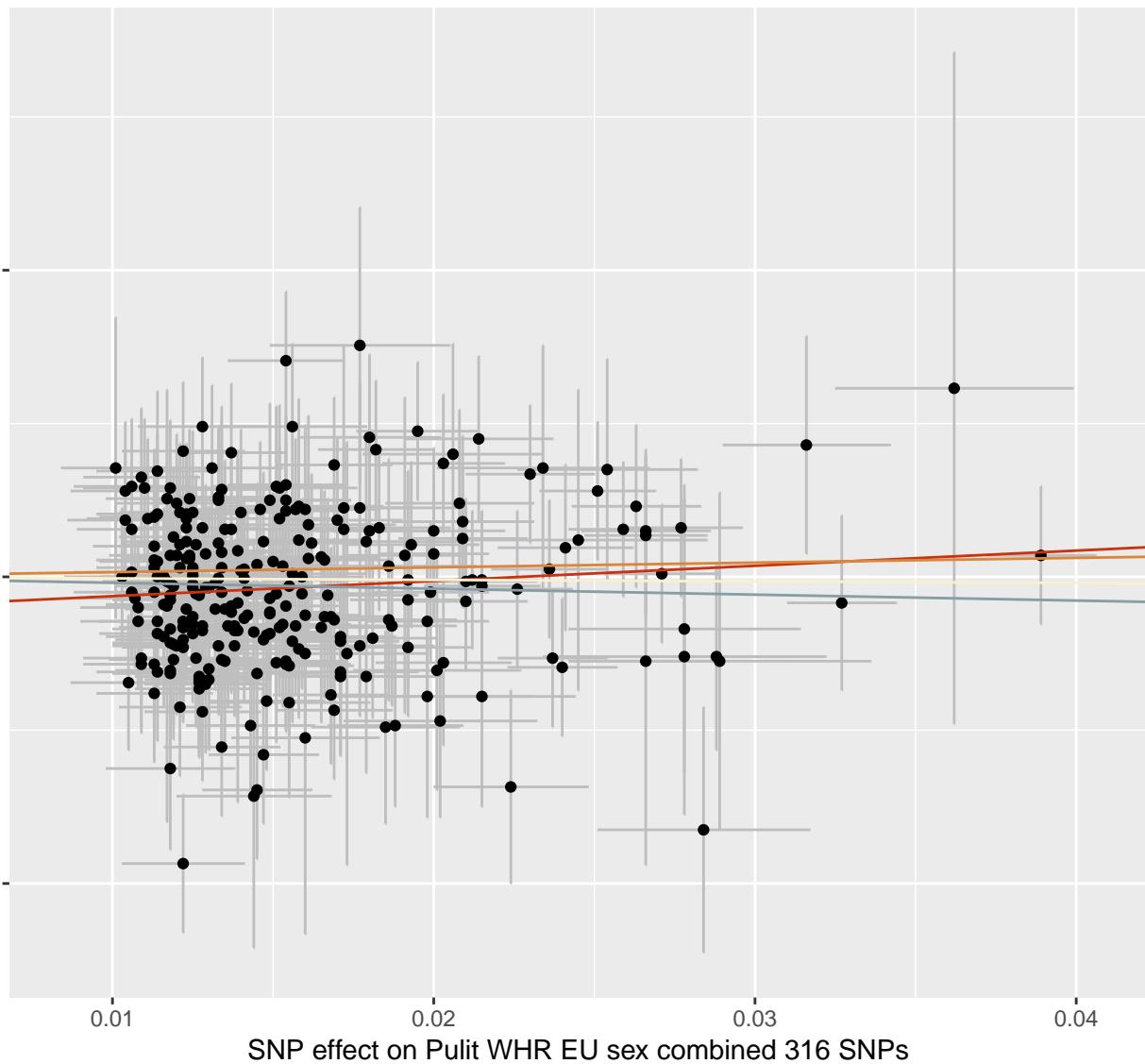


Weighted median



Weighted mode

SNP effect on 3-phenylpropionate (hydrocinnamate) || id:385



MR Test



Inverse variance weighted (multiplicative random effects)



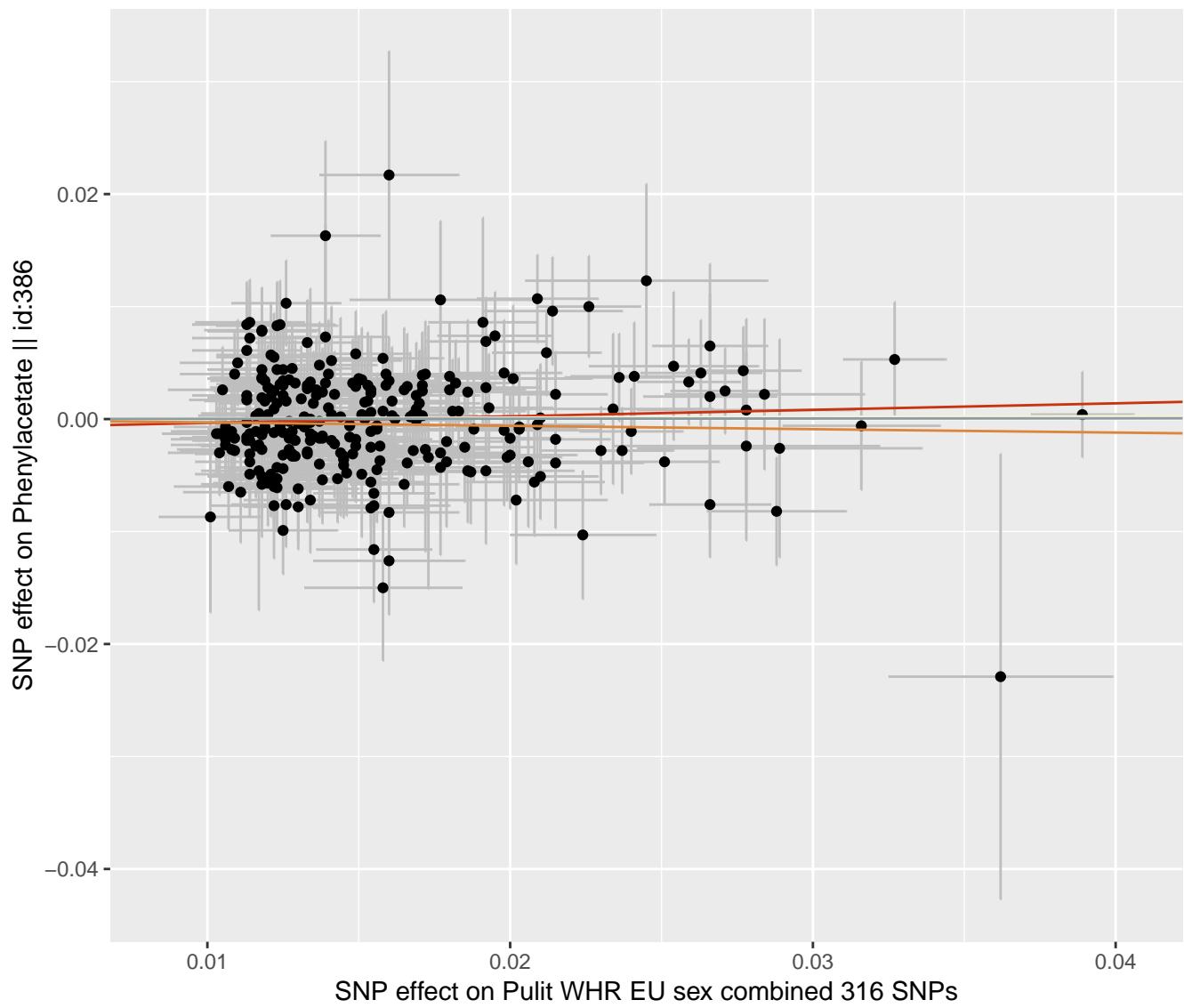
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on Glycerophosphorylcholine (GPC) || id:387

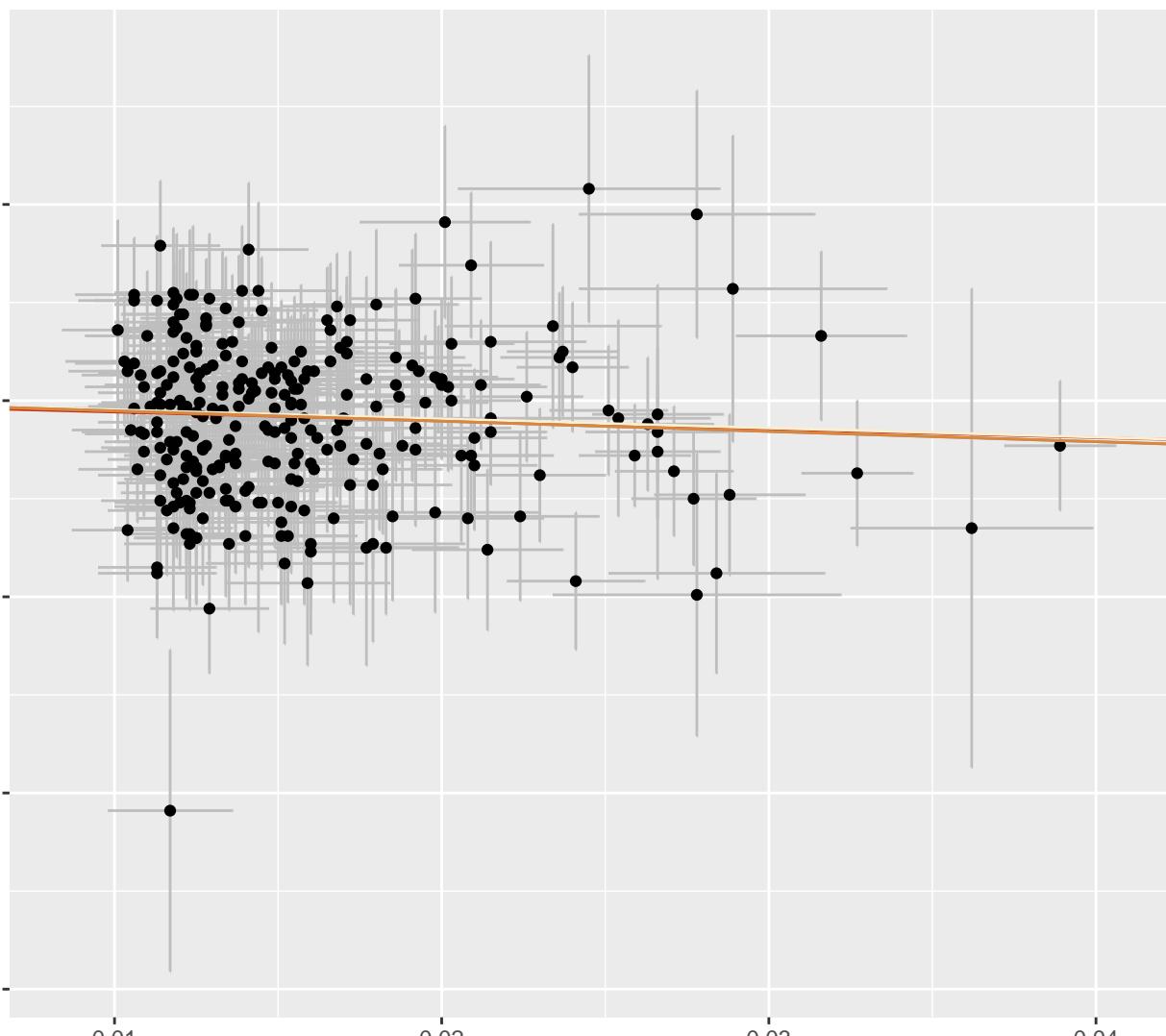
0.01

0.02

0.03

0.04

SNP effect on Pulit WHR EU sex combined 316 SNPs



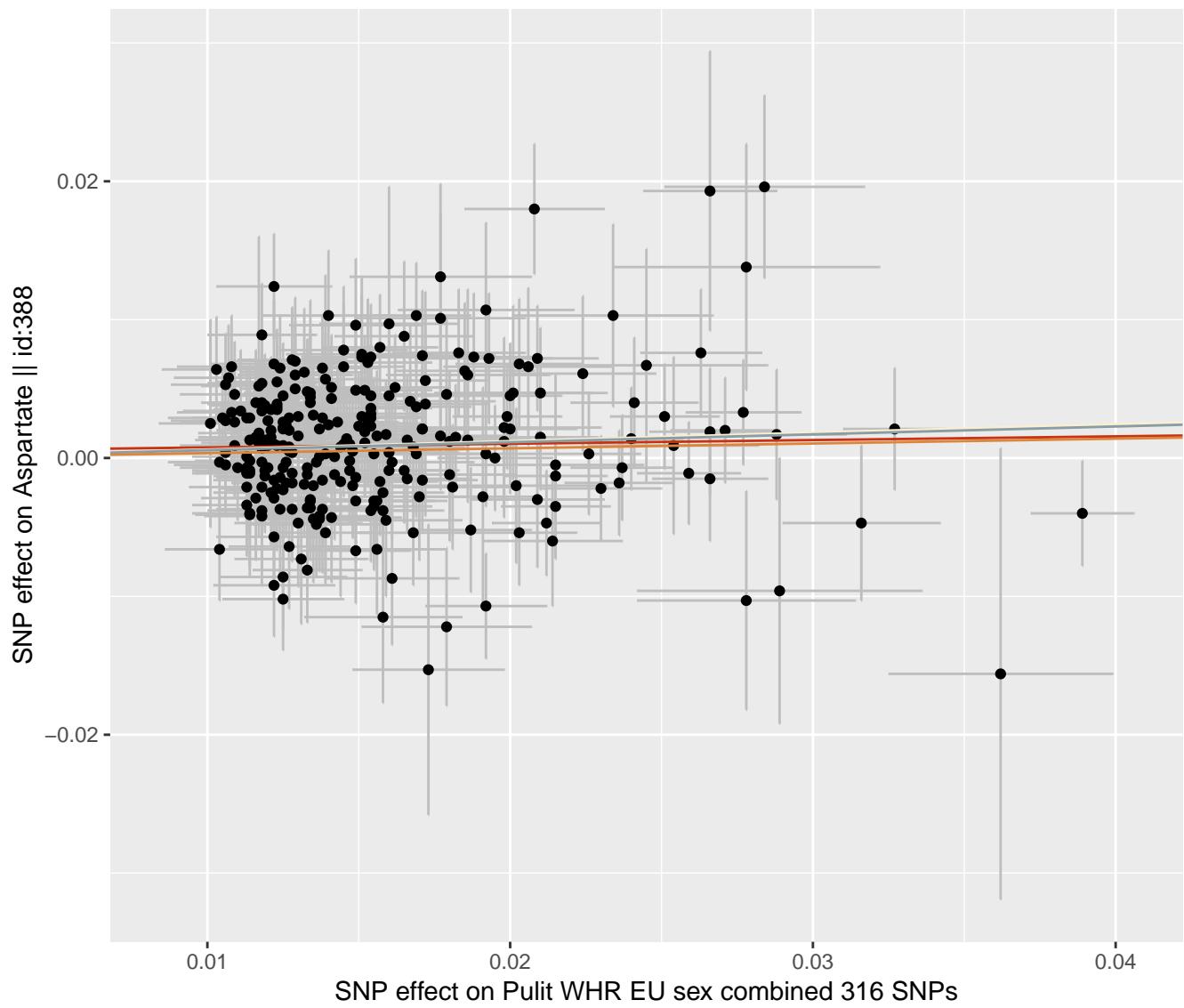
MR Test

Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

Weighted mode



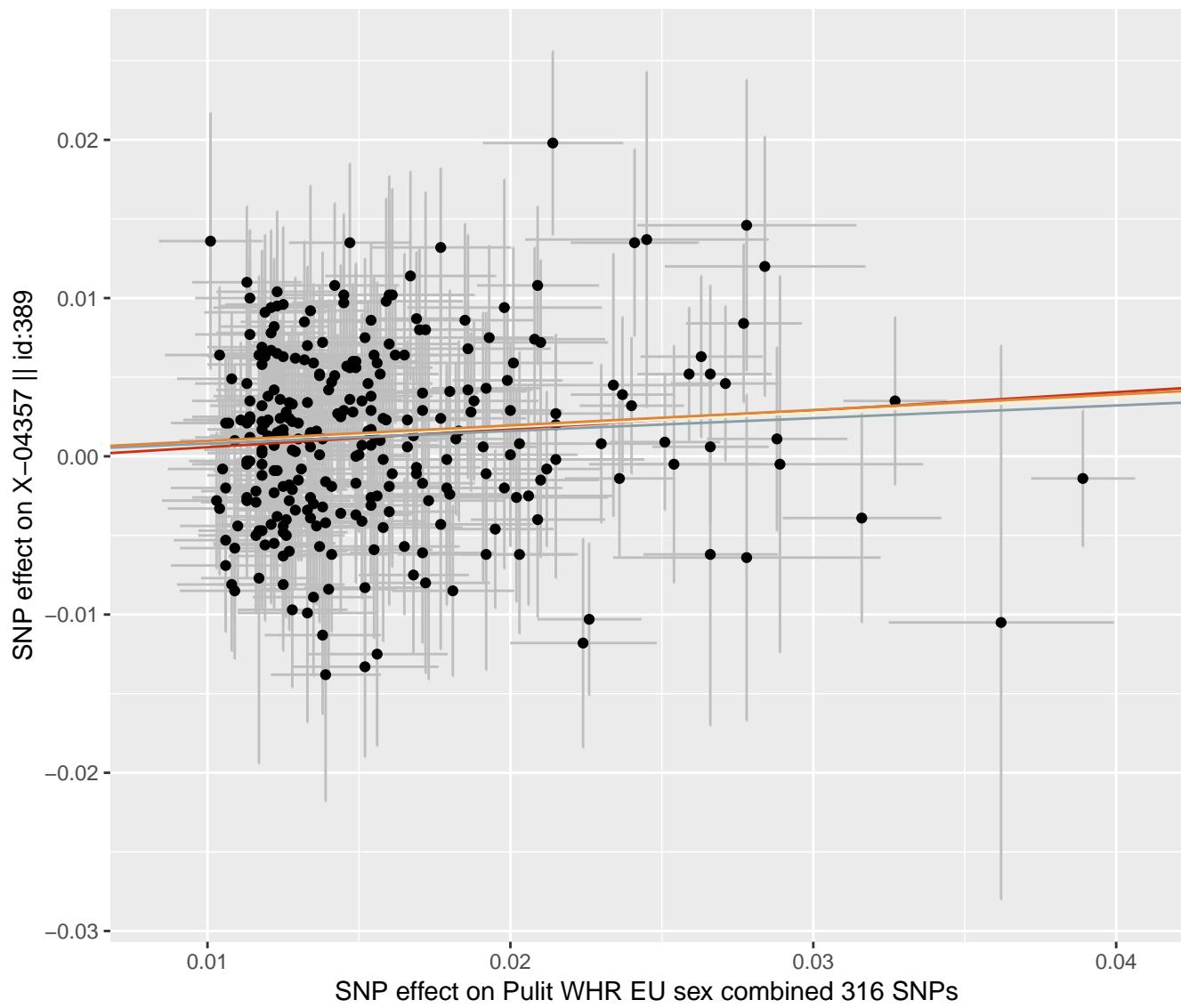
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



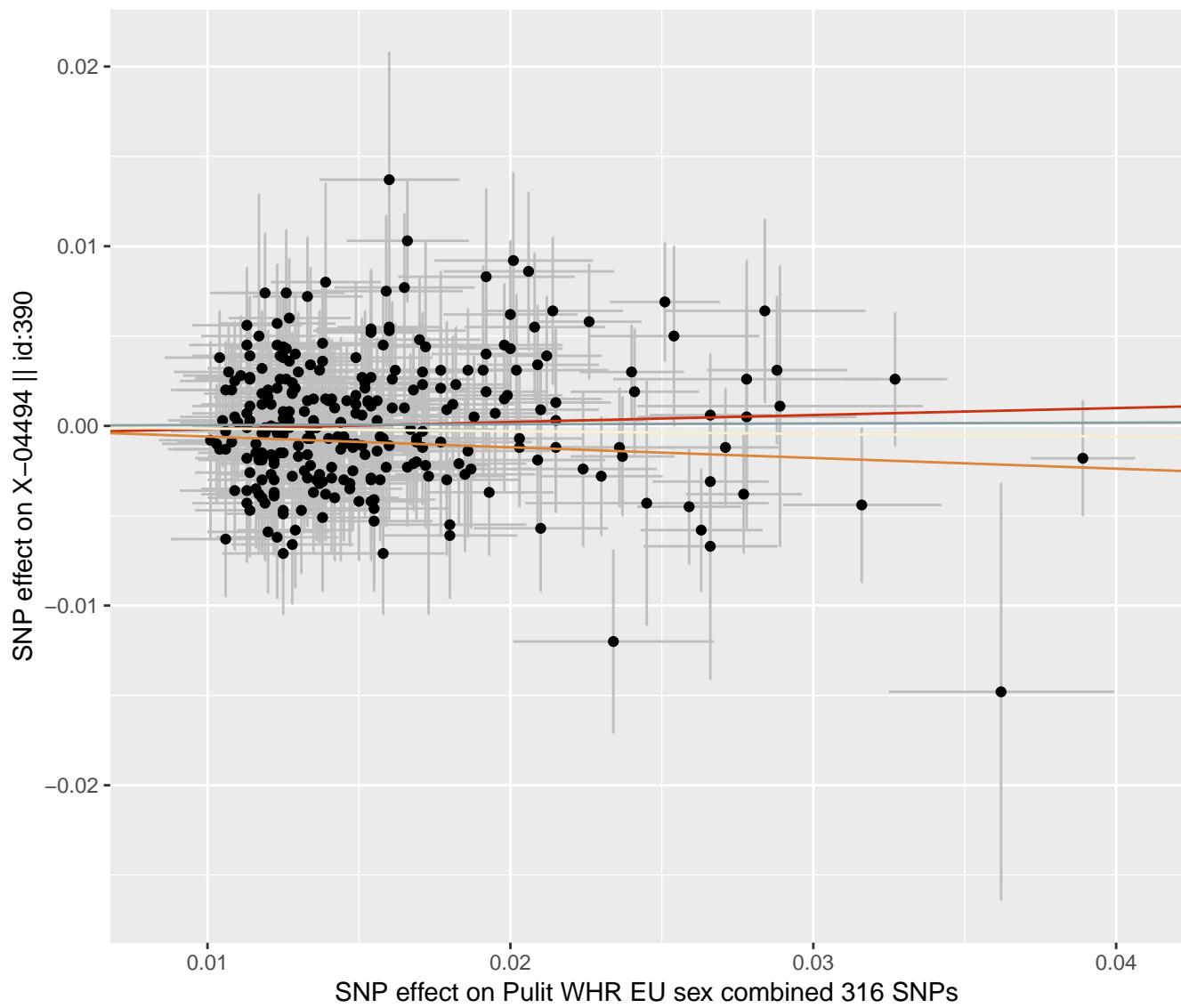
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



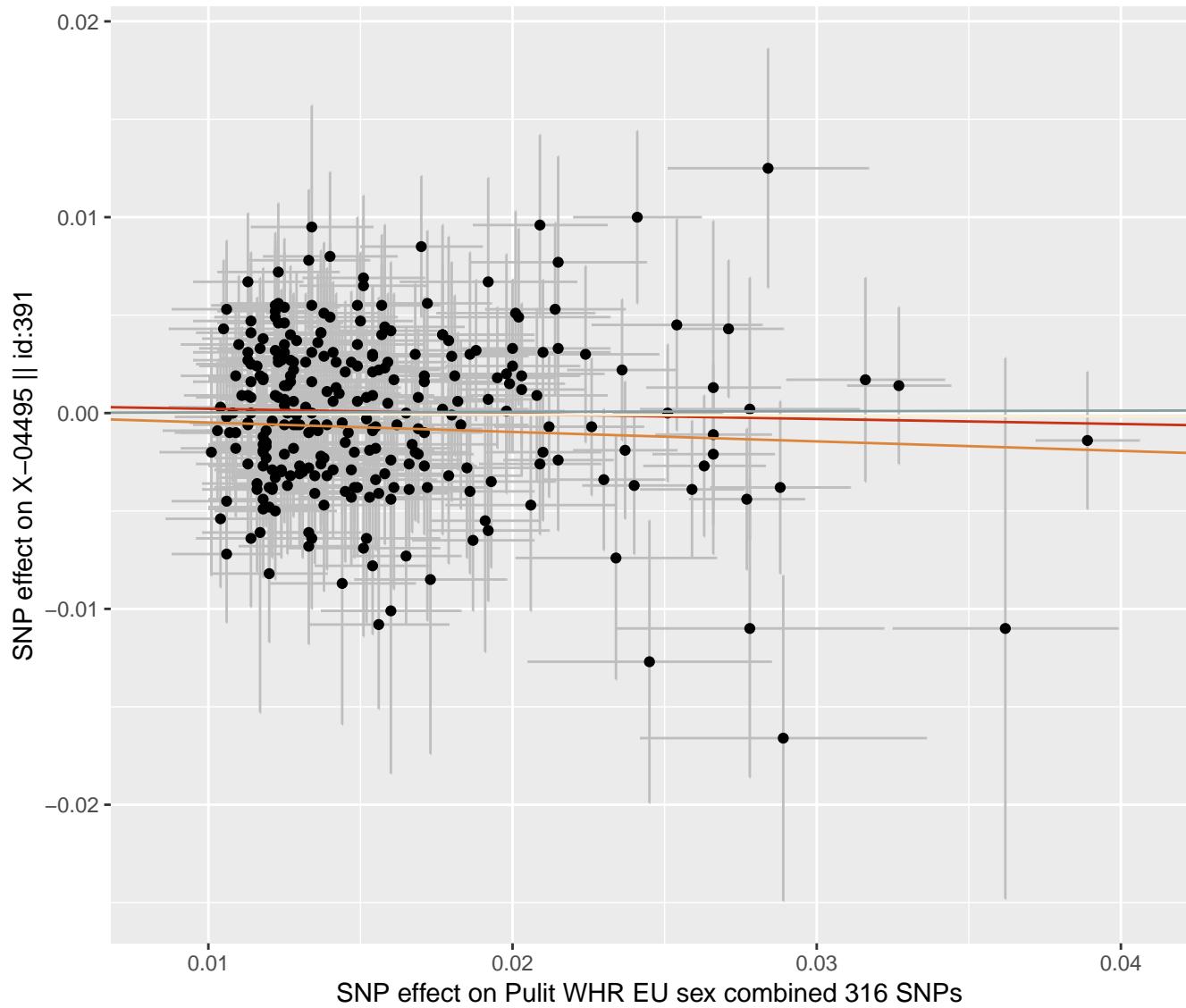
MR Egger



Weighted median

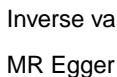


Weighted mode



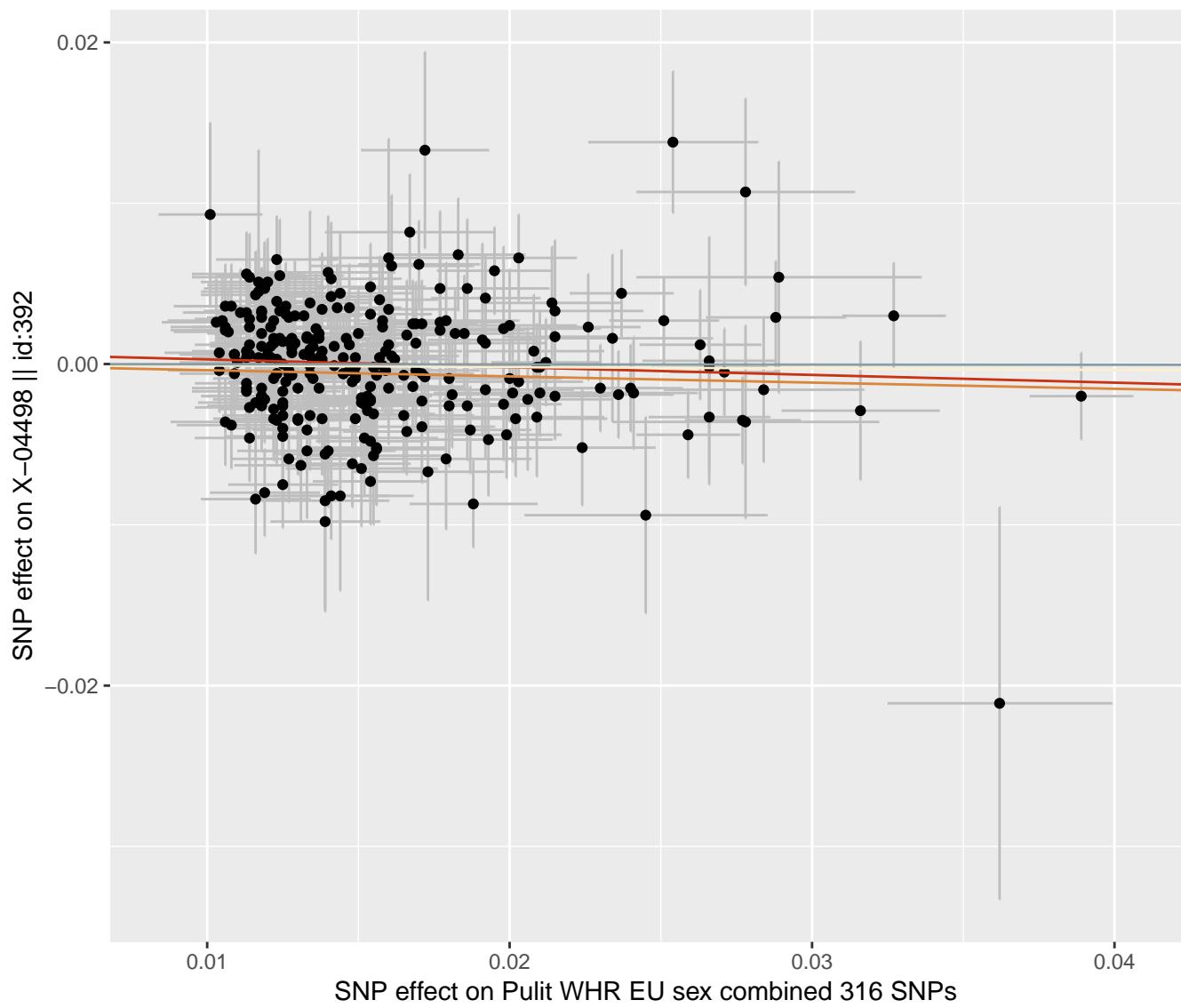
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-04499--3,4-dihydroxybutyrate || id:393

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



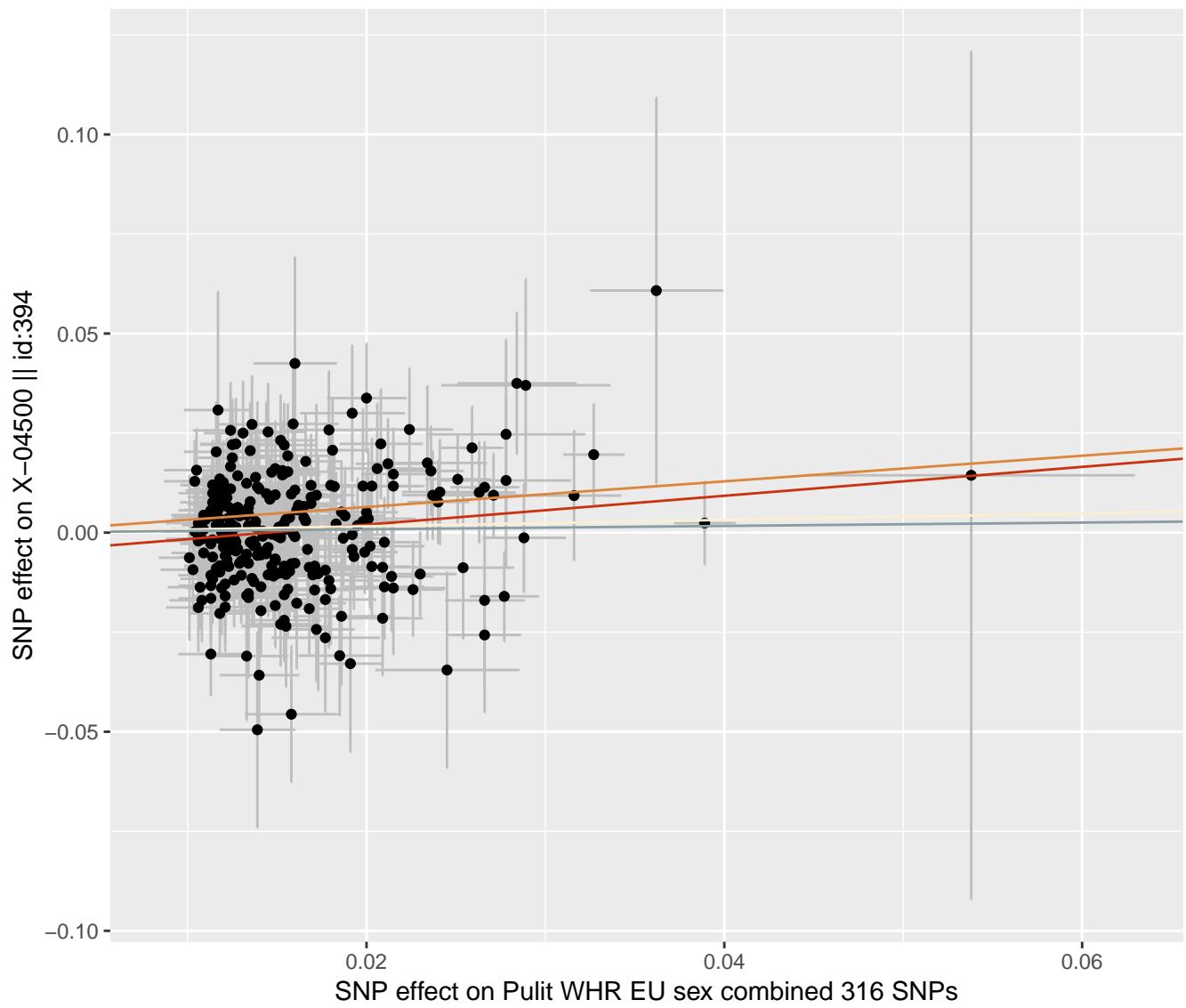
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



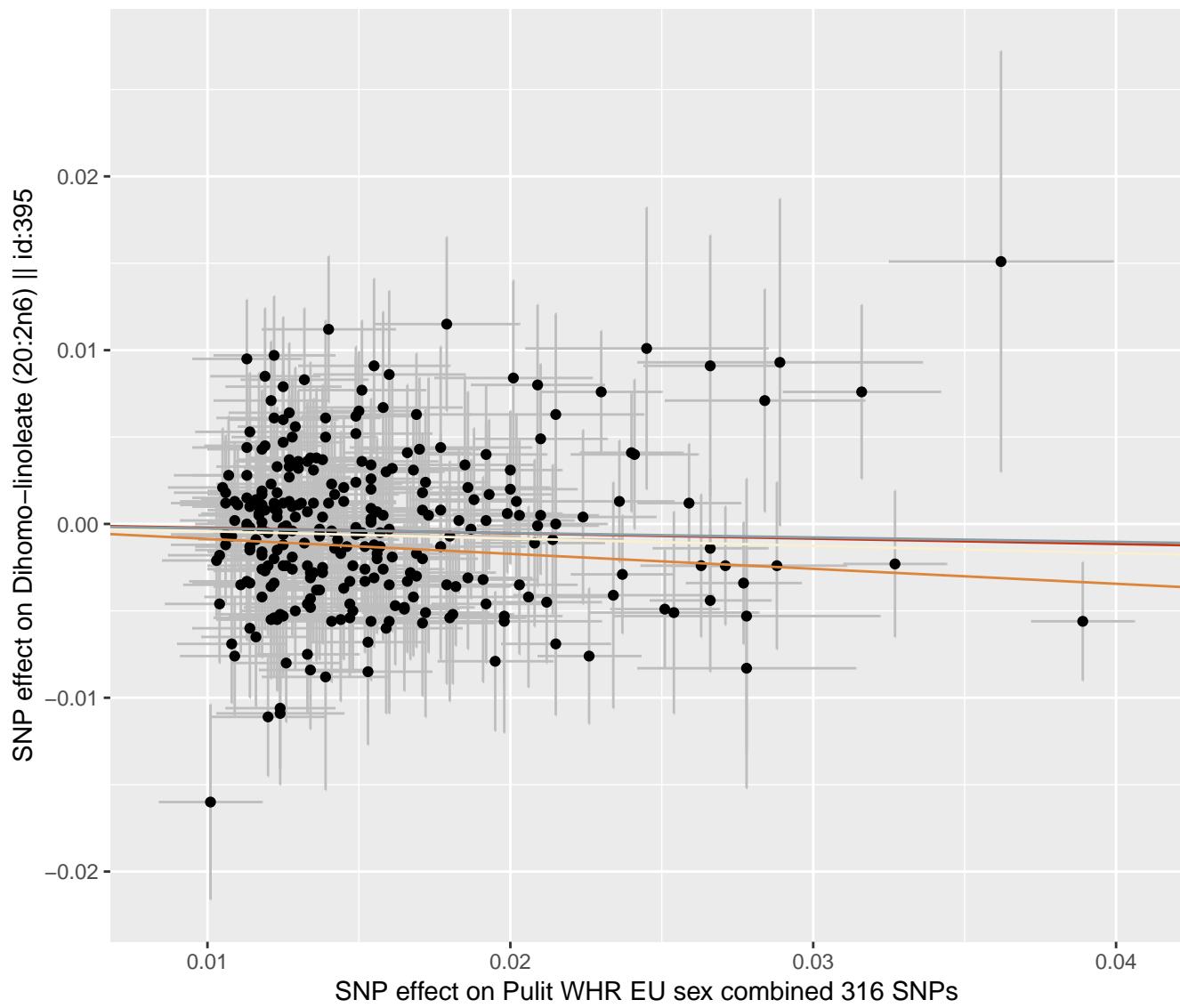
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-18601 || id:396

0.04

0.02

0.00

-0.02

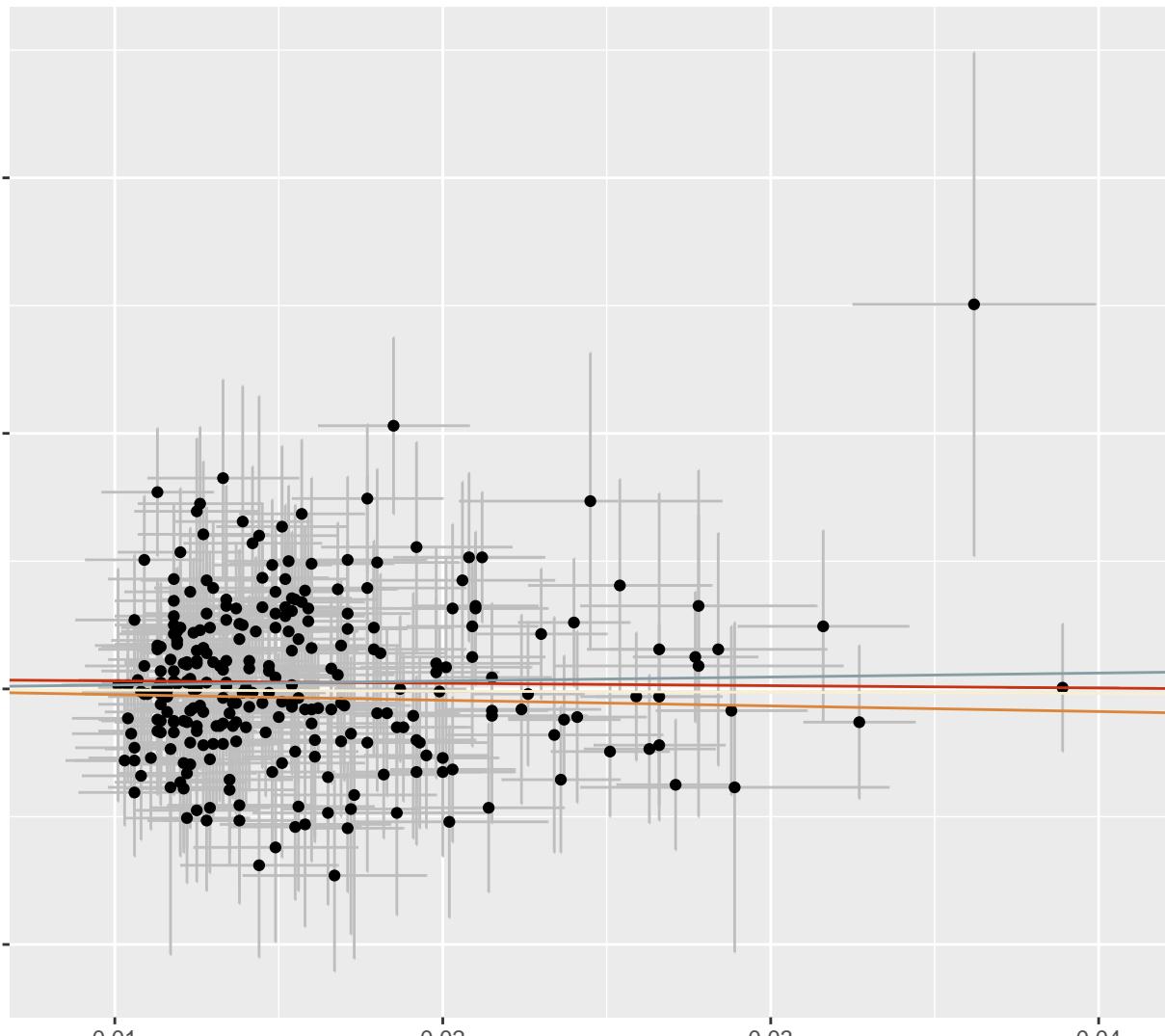
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



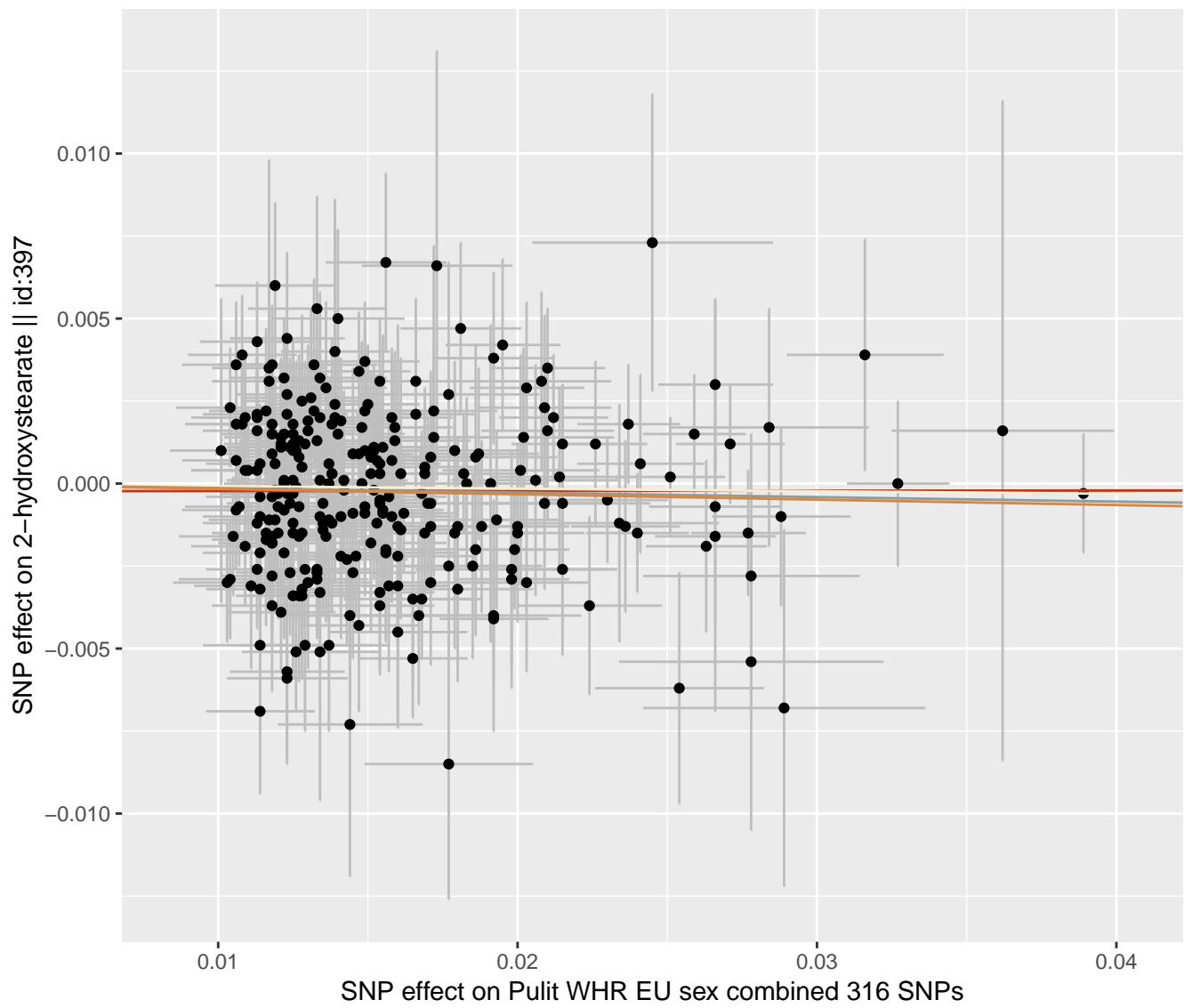
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

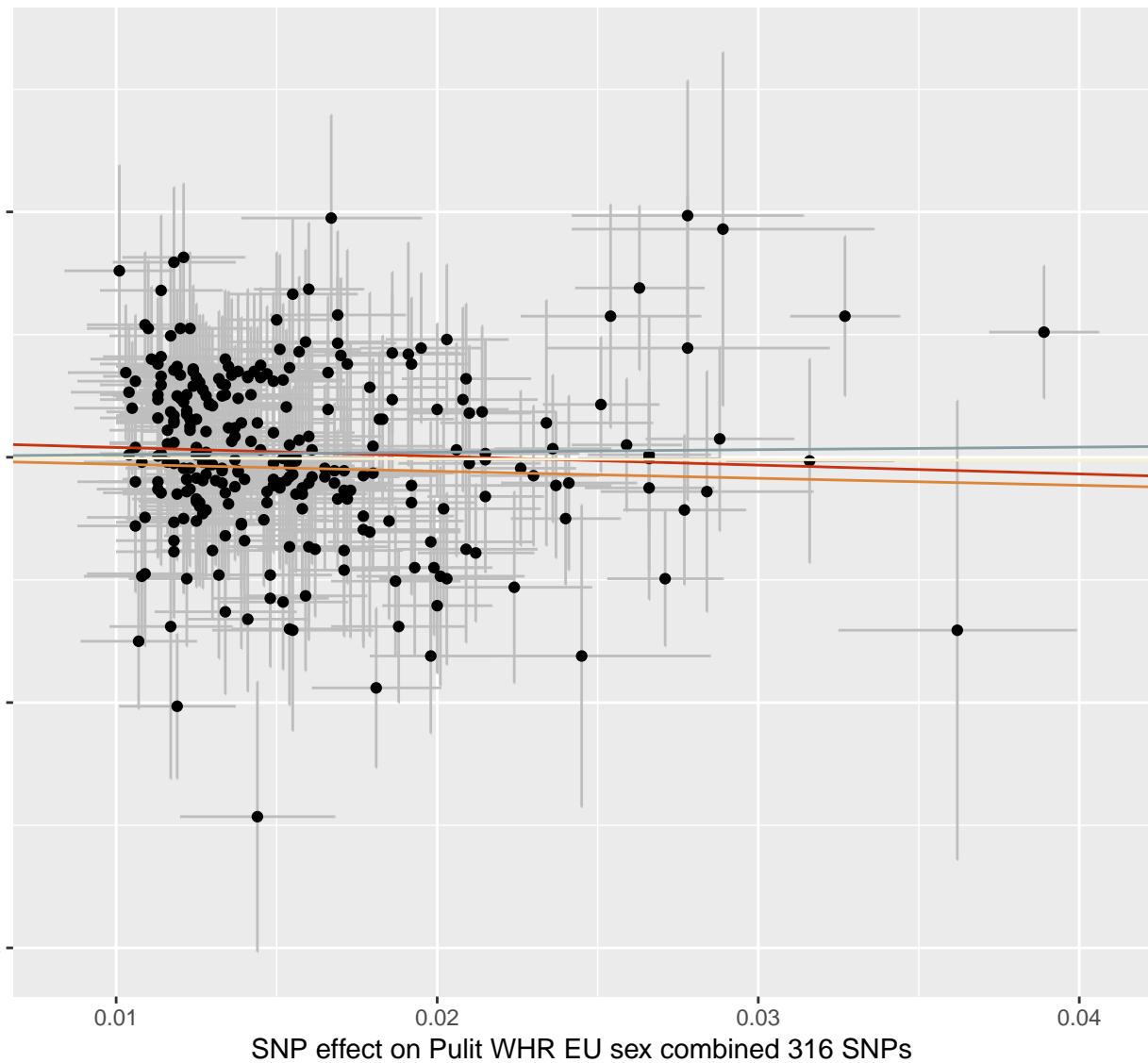


Weighted median



Weighted mode

SNP effect on X-05426 || id:398



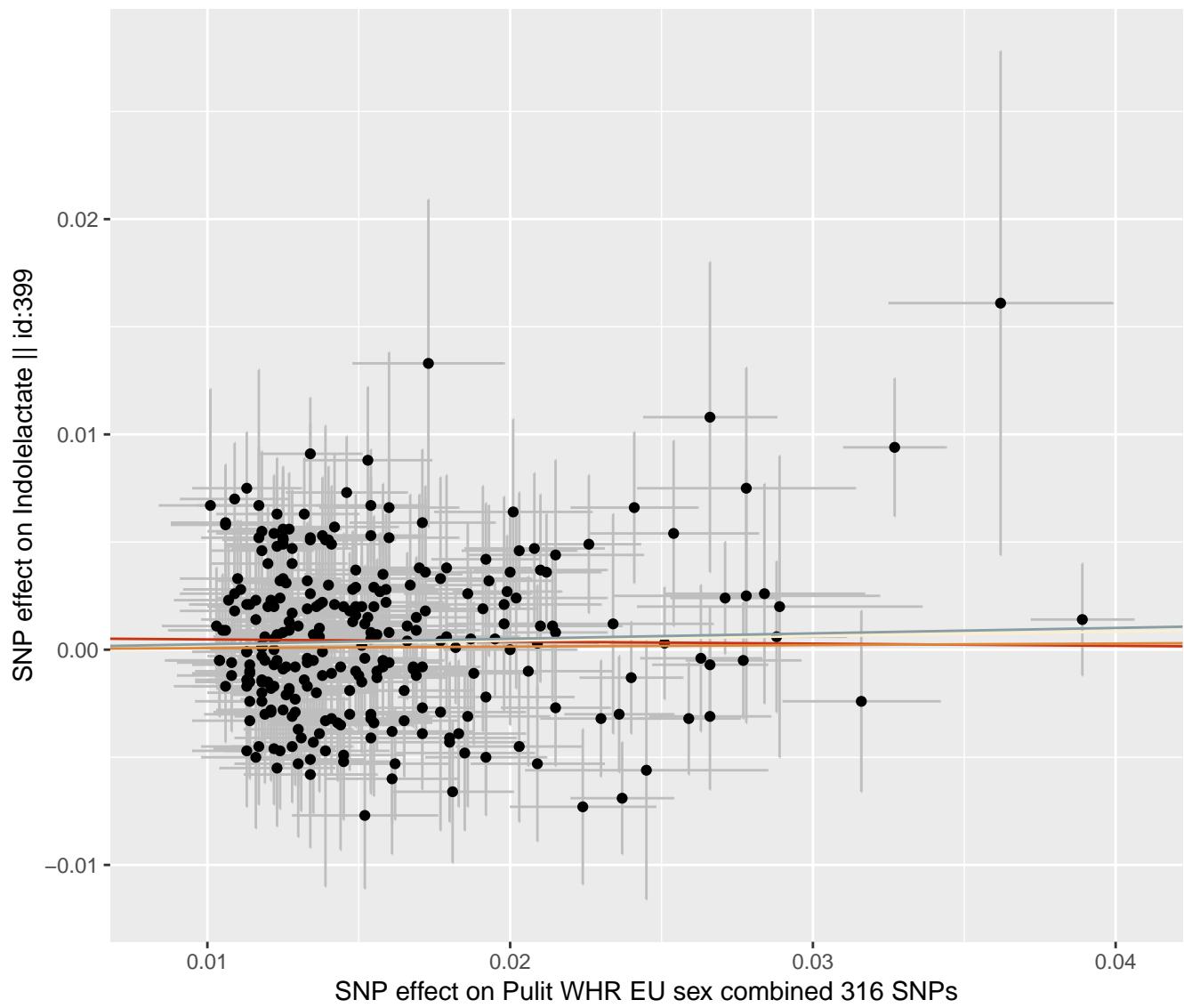
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



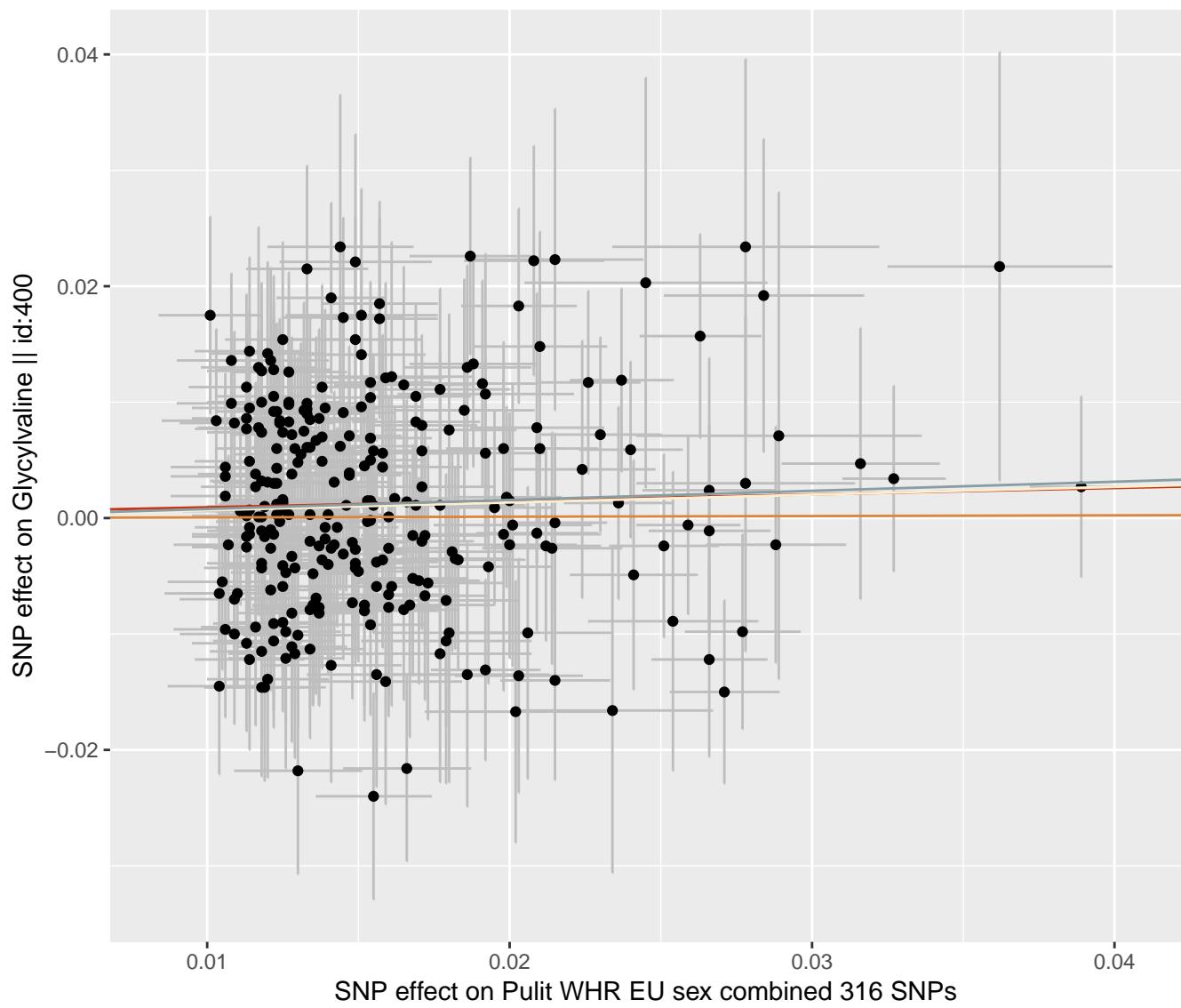
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



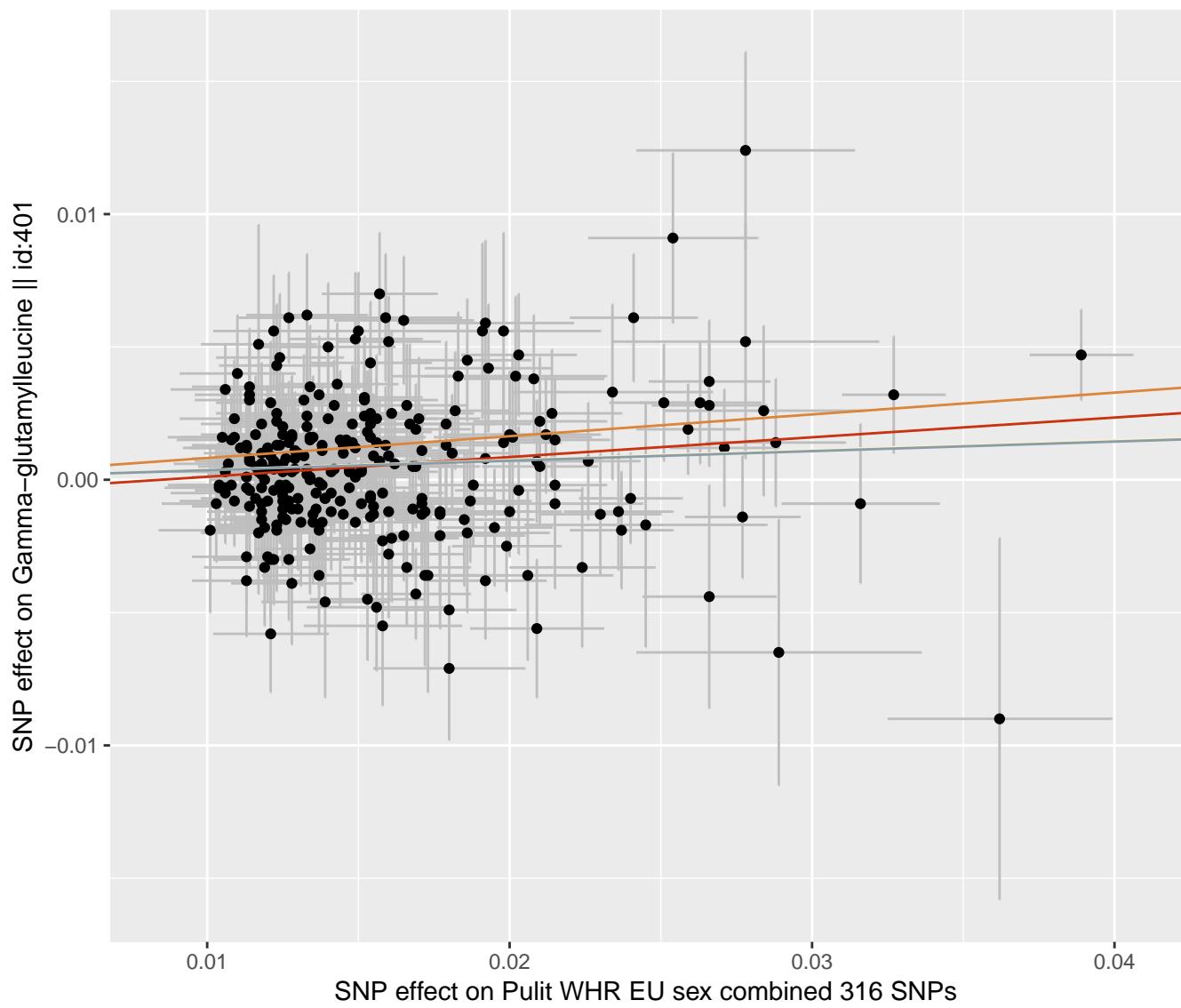
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



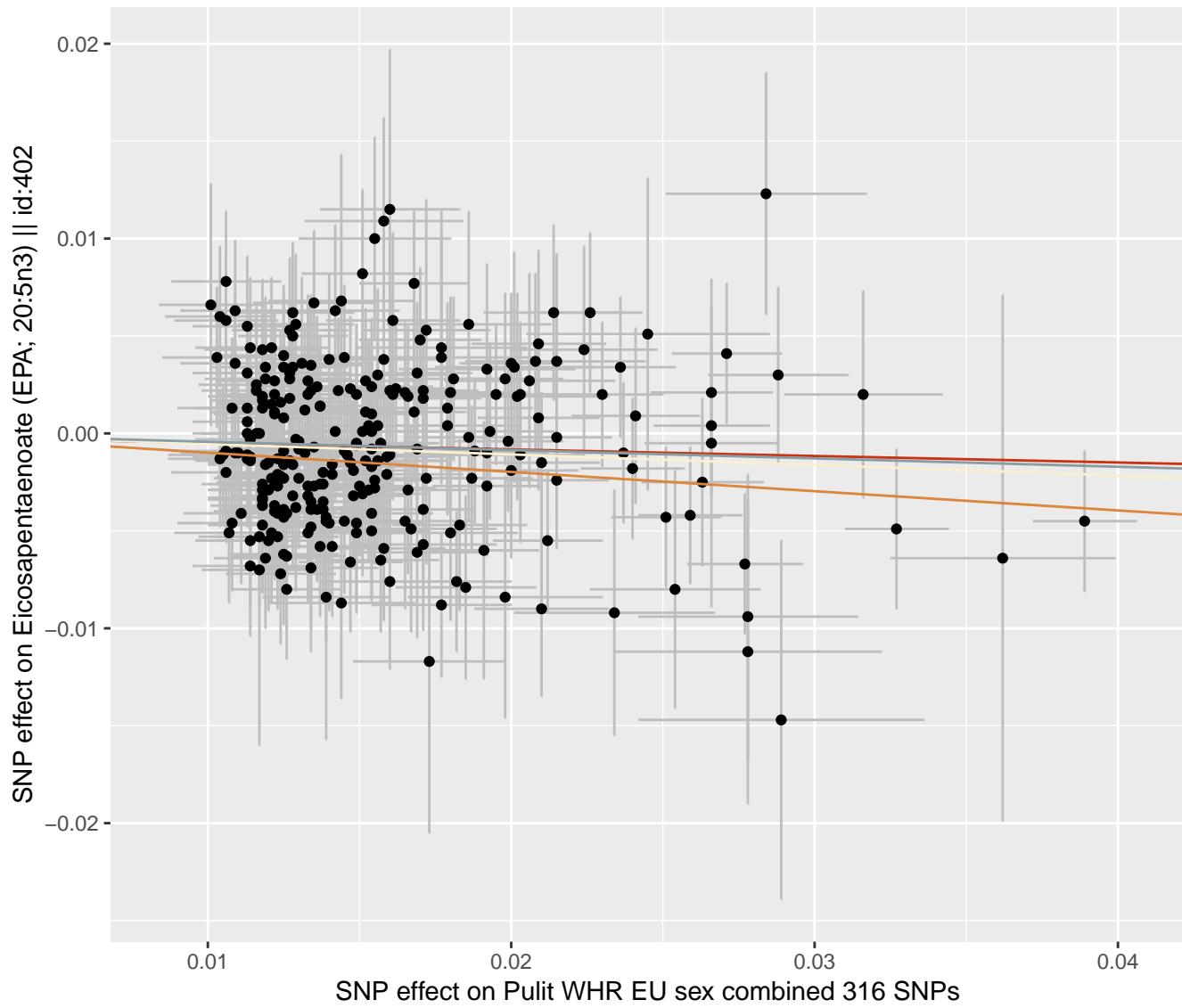
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

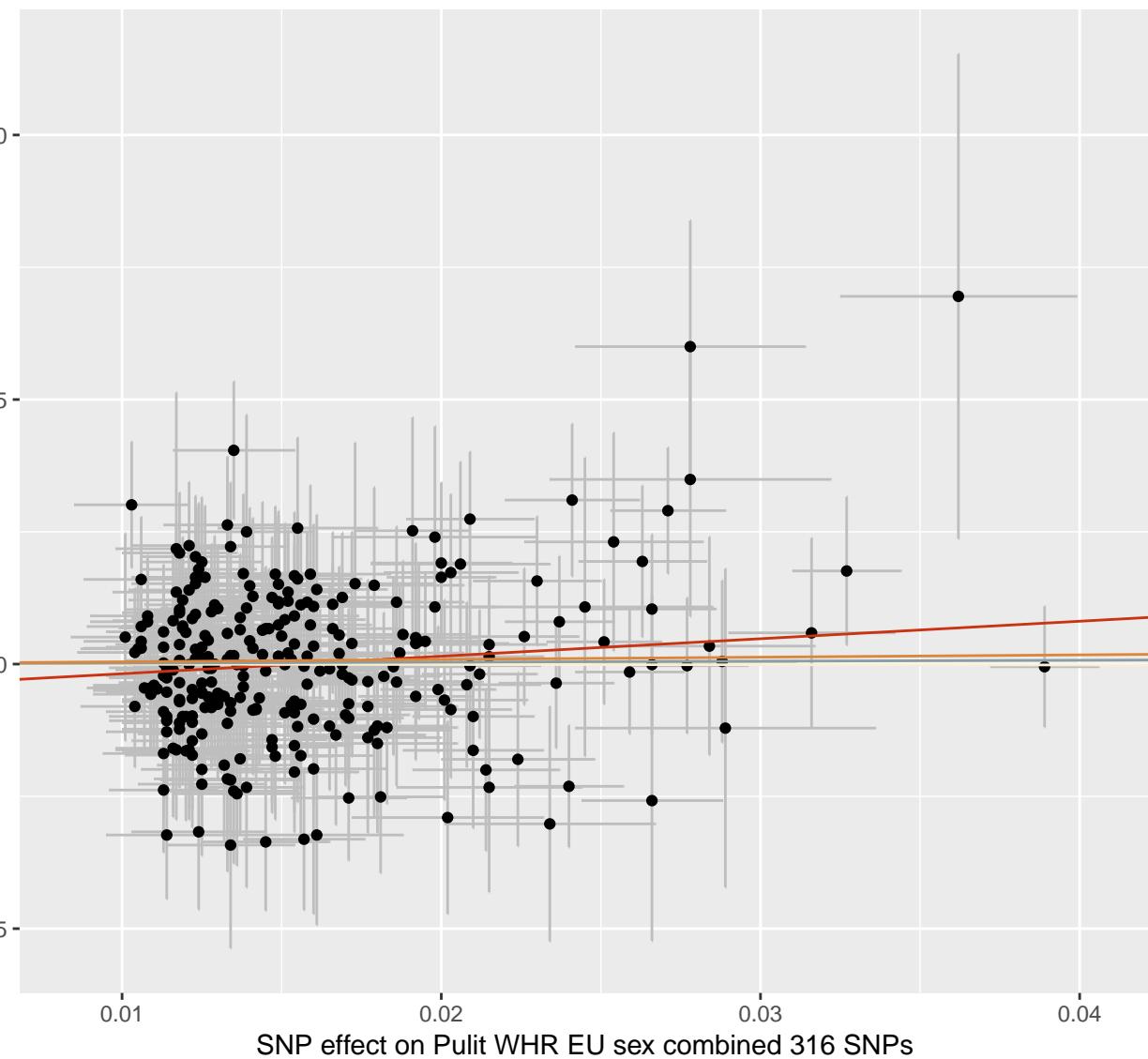


Weighted median



Weighted mode

SNP effect on Estrone 3-sulfate || id:403



SNP effect on Pulsed WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



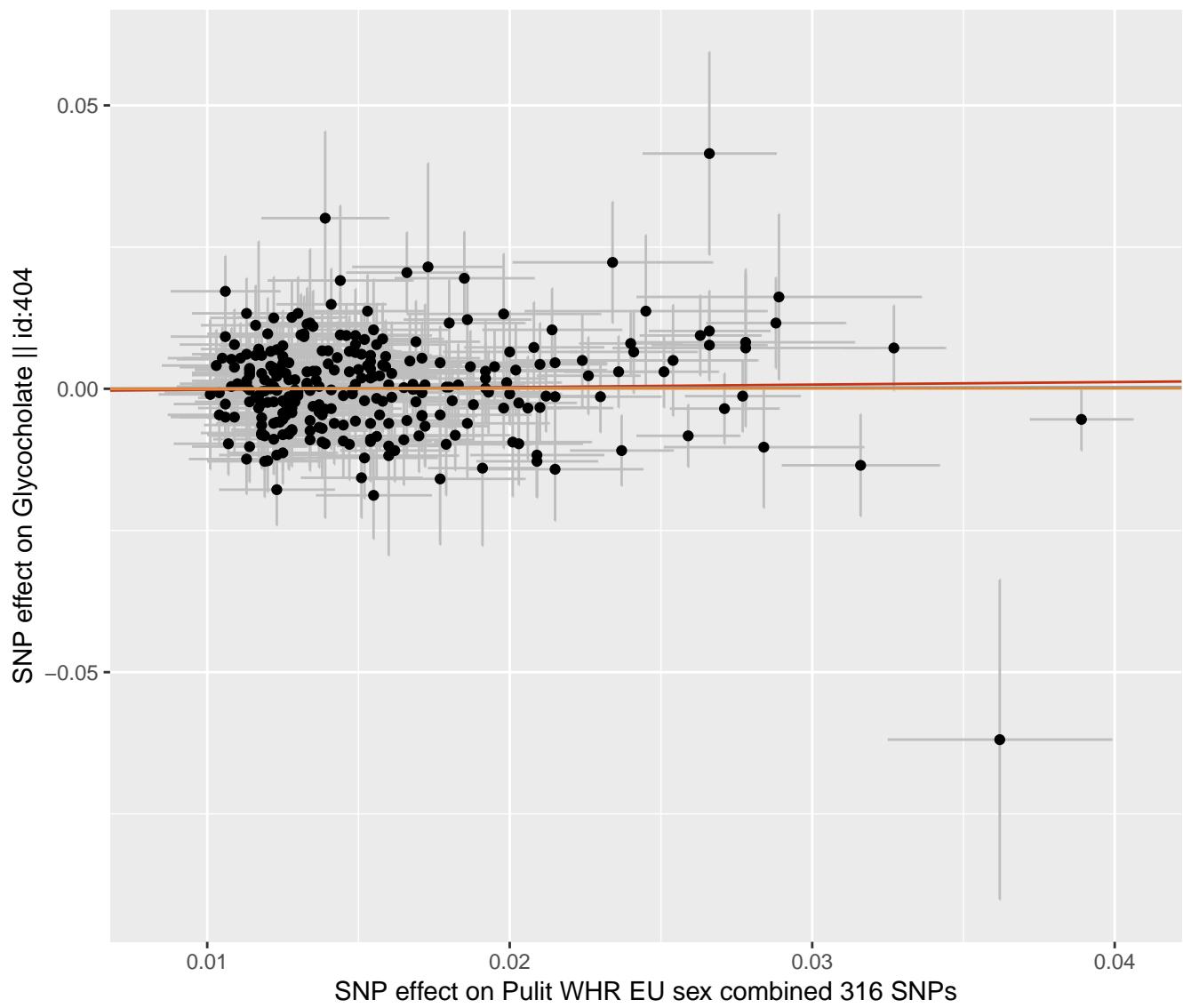
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



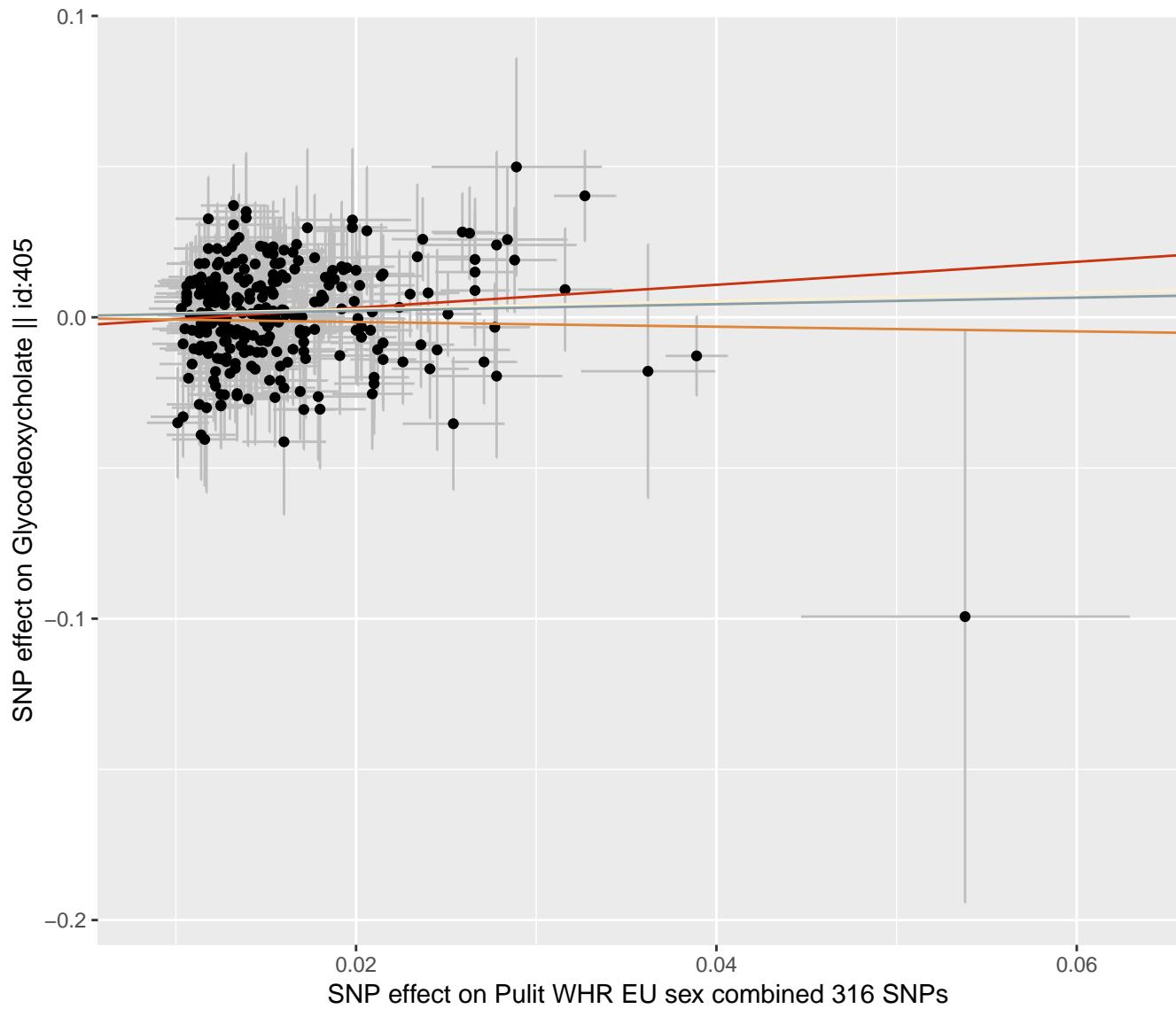
MR Egger



Weighted median

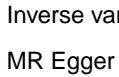


Weighted mode



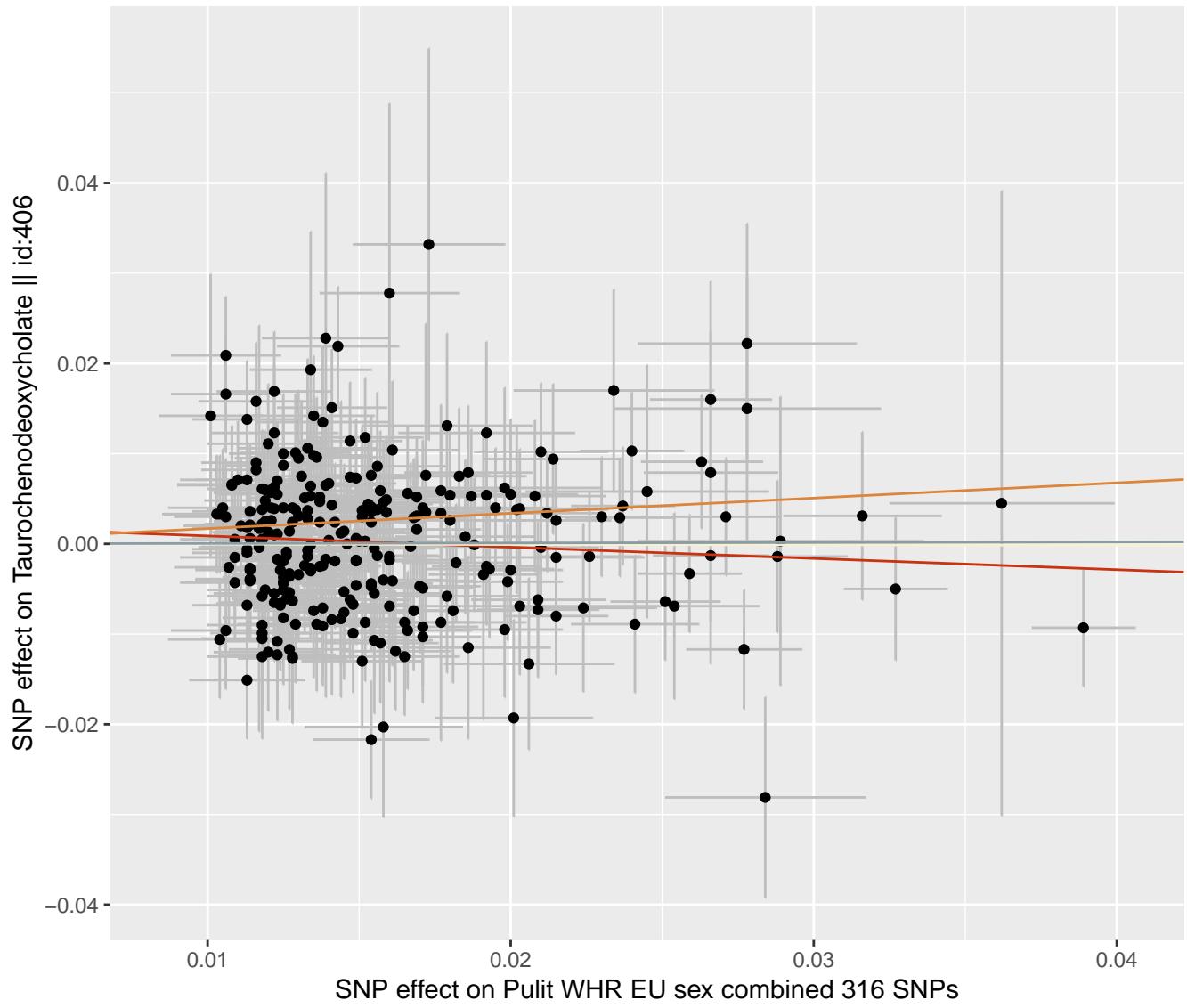
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



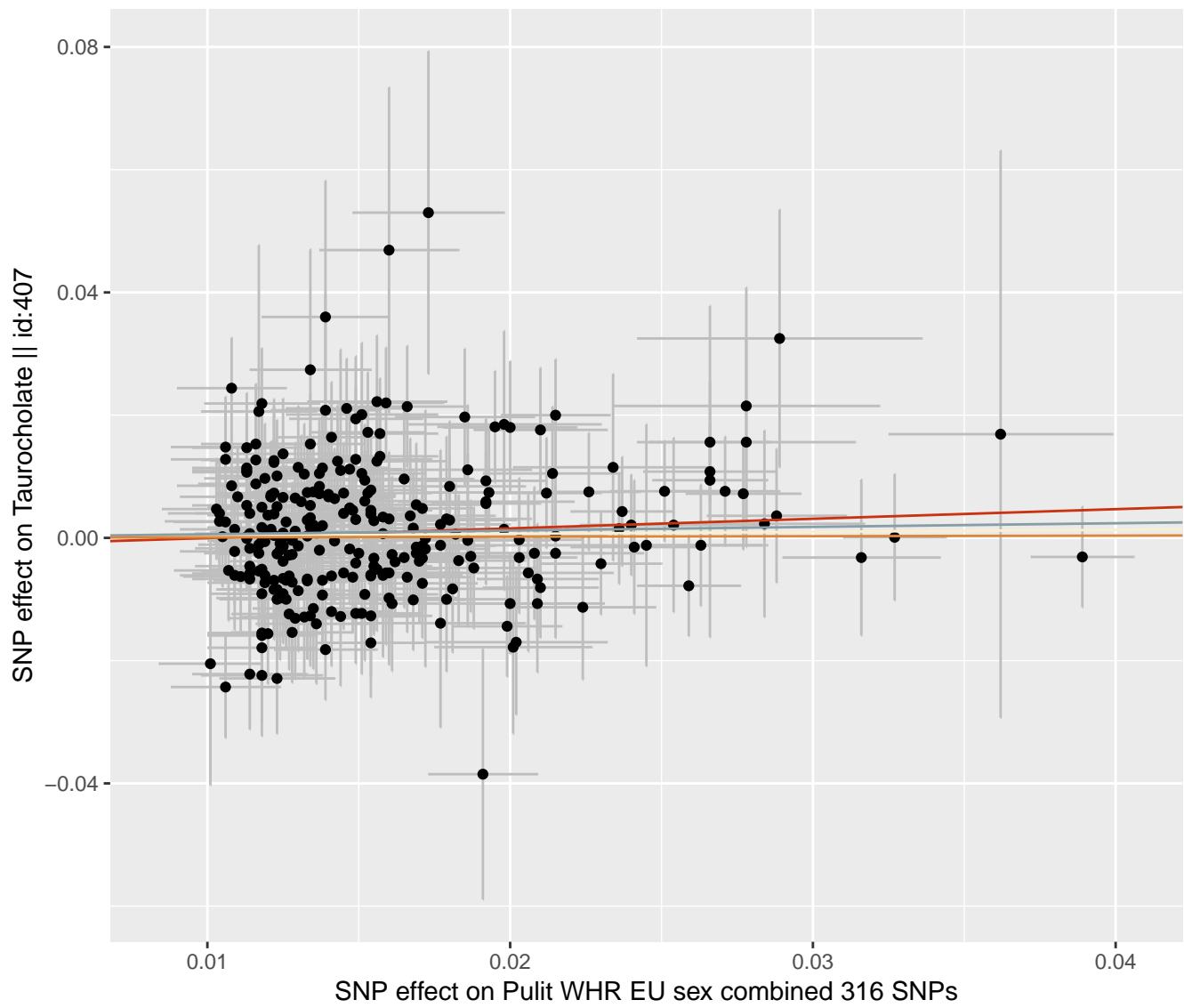
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



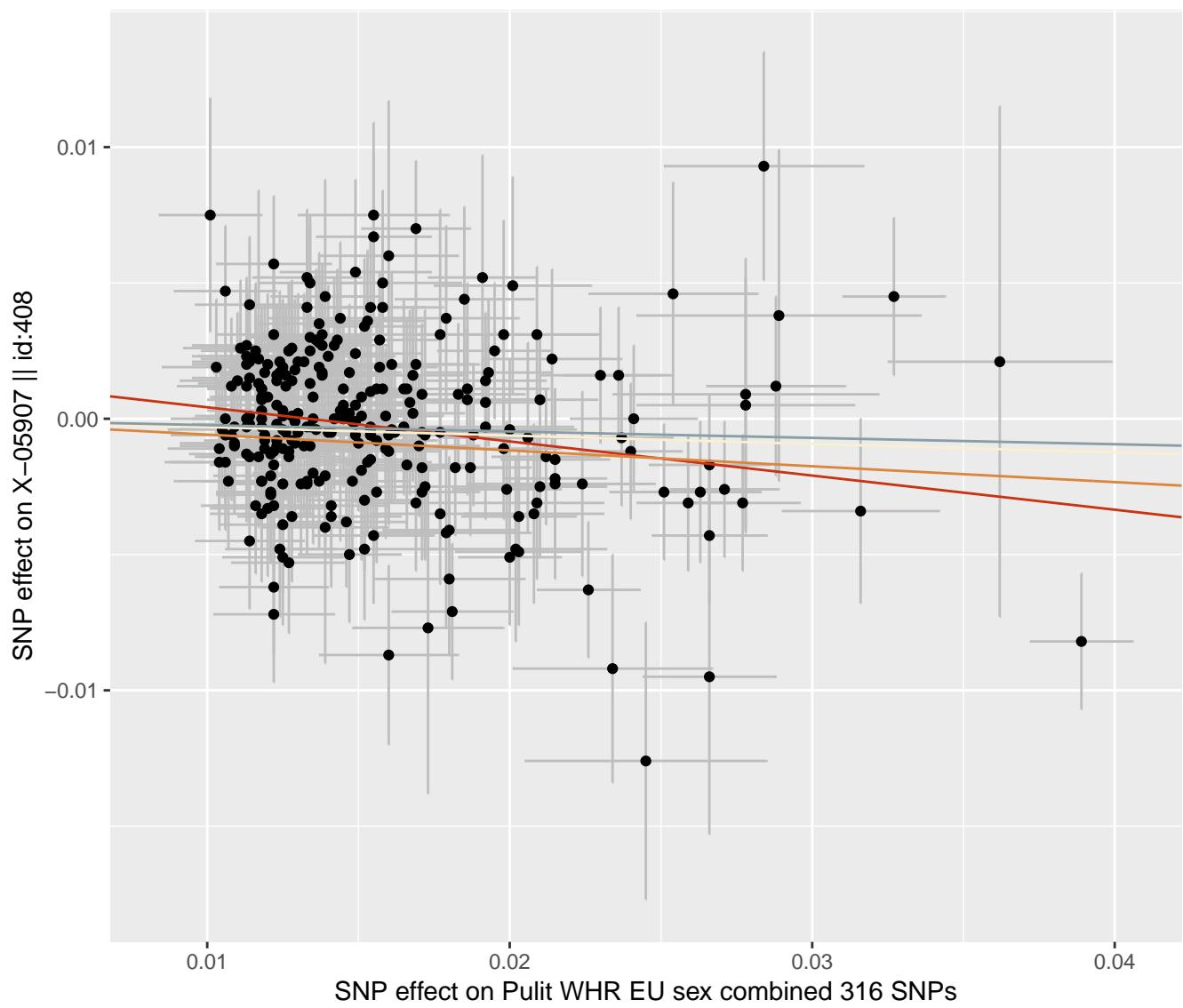
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



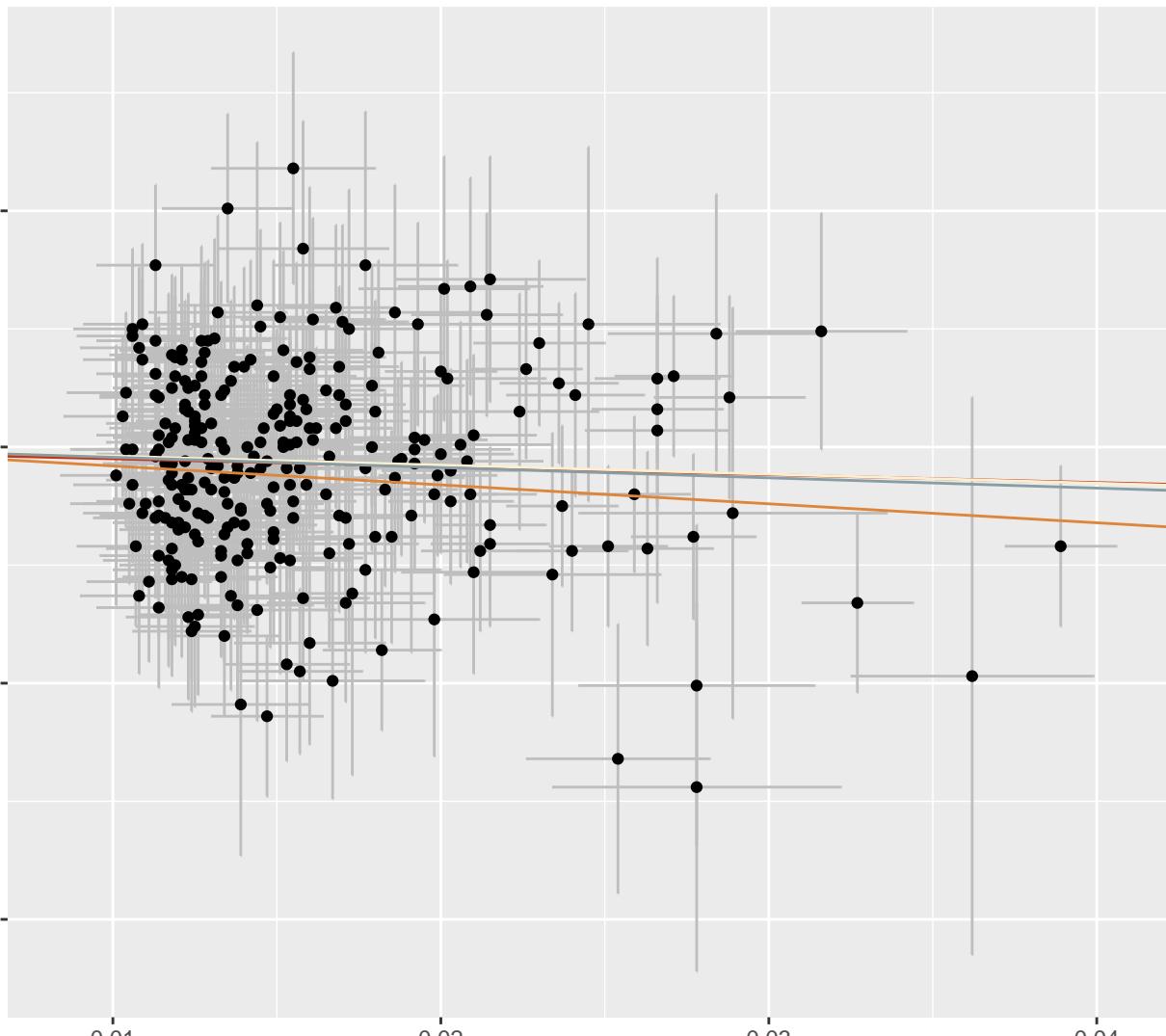
Weighted median



Weighted mode

SNP effect on Docosahexaenoate (DHA; 22:6n3) || id:409

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on 1-stearoylglycerophosphoinositol || id:410

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



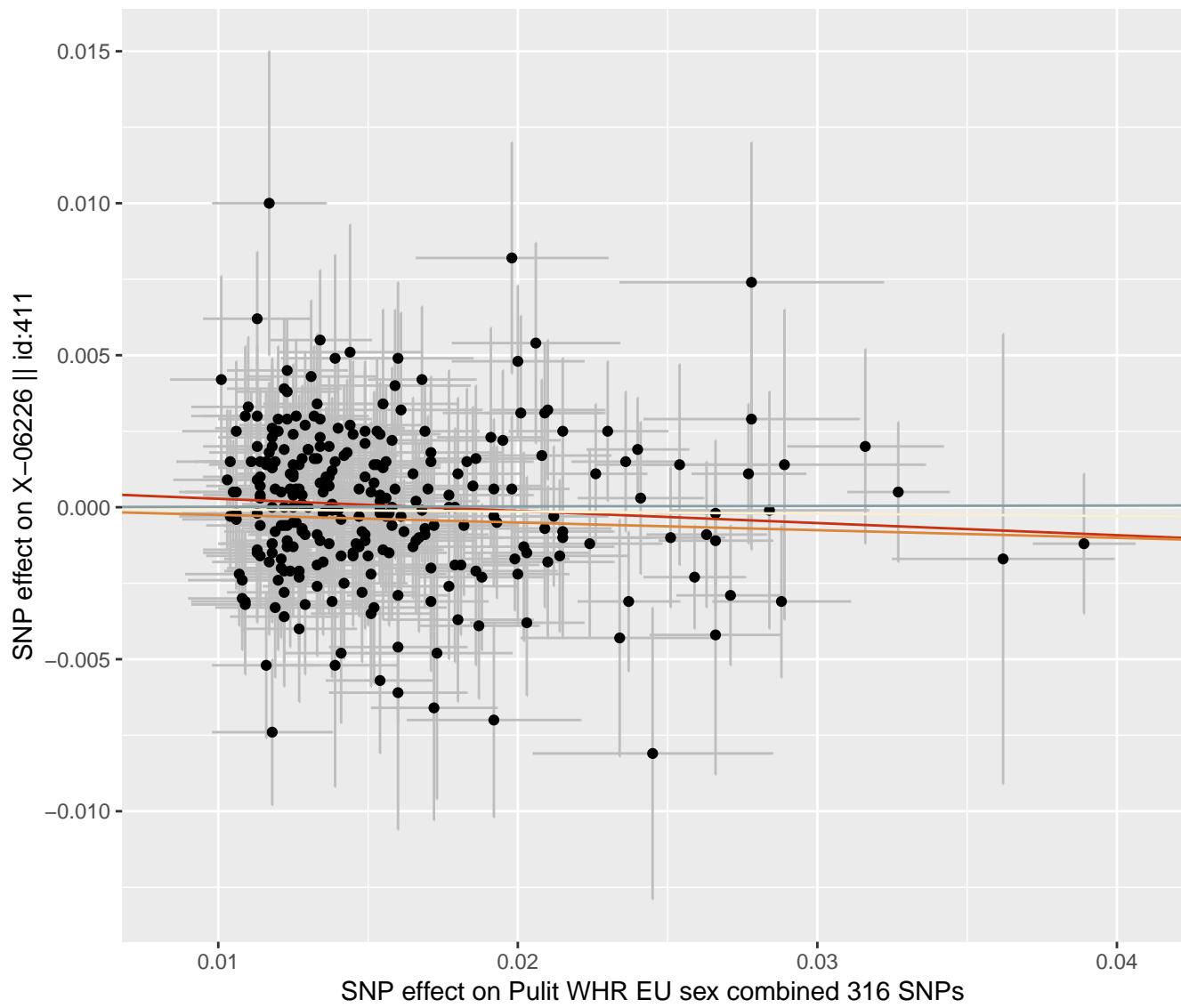
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



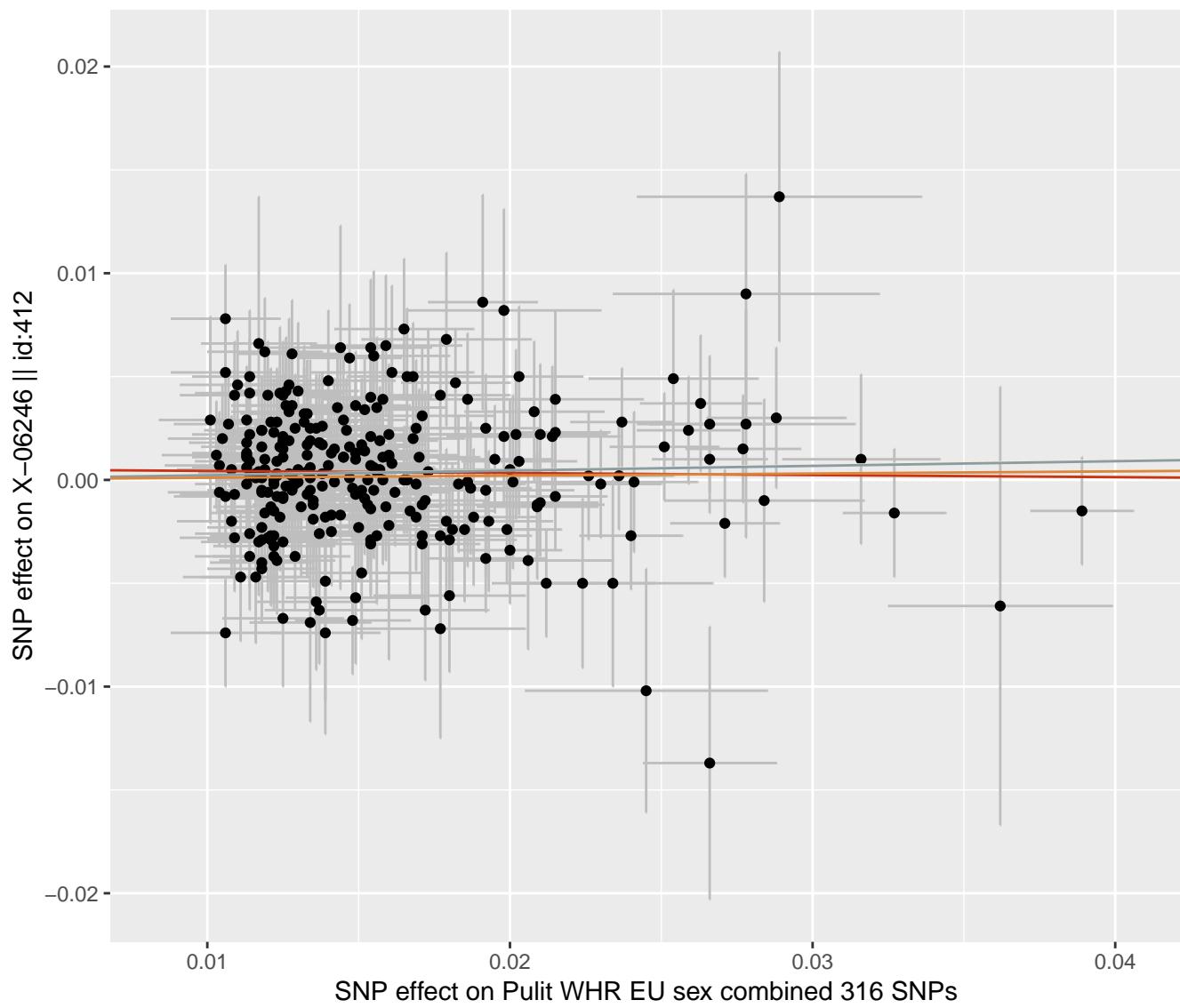
MR Egger



Weighted median

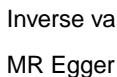


Weighted mode



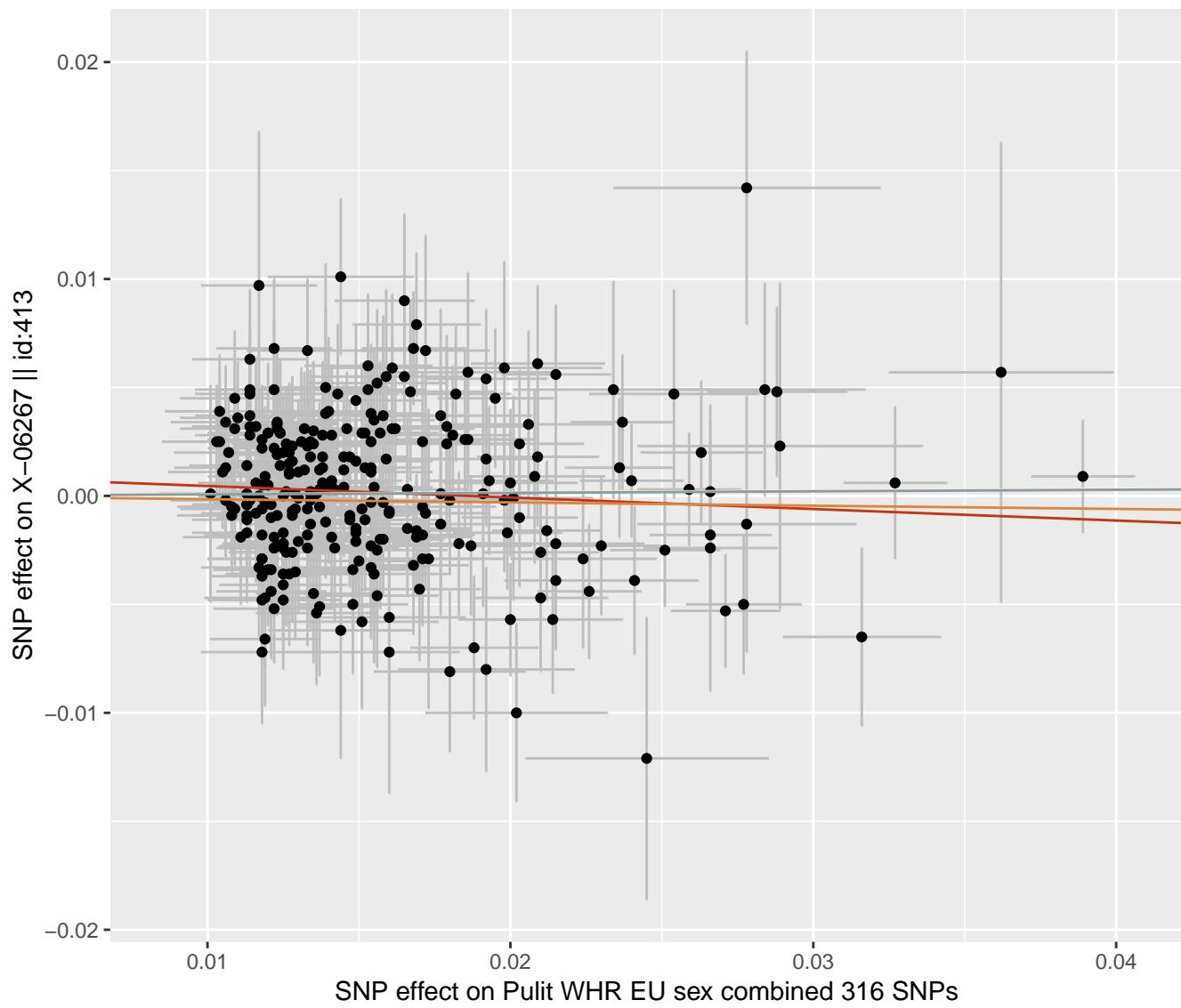
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



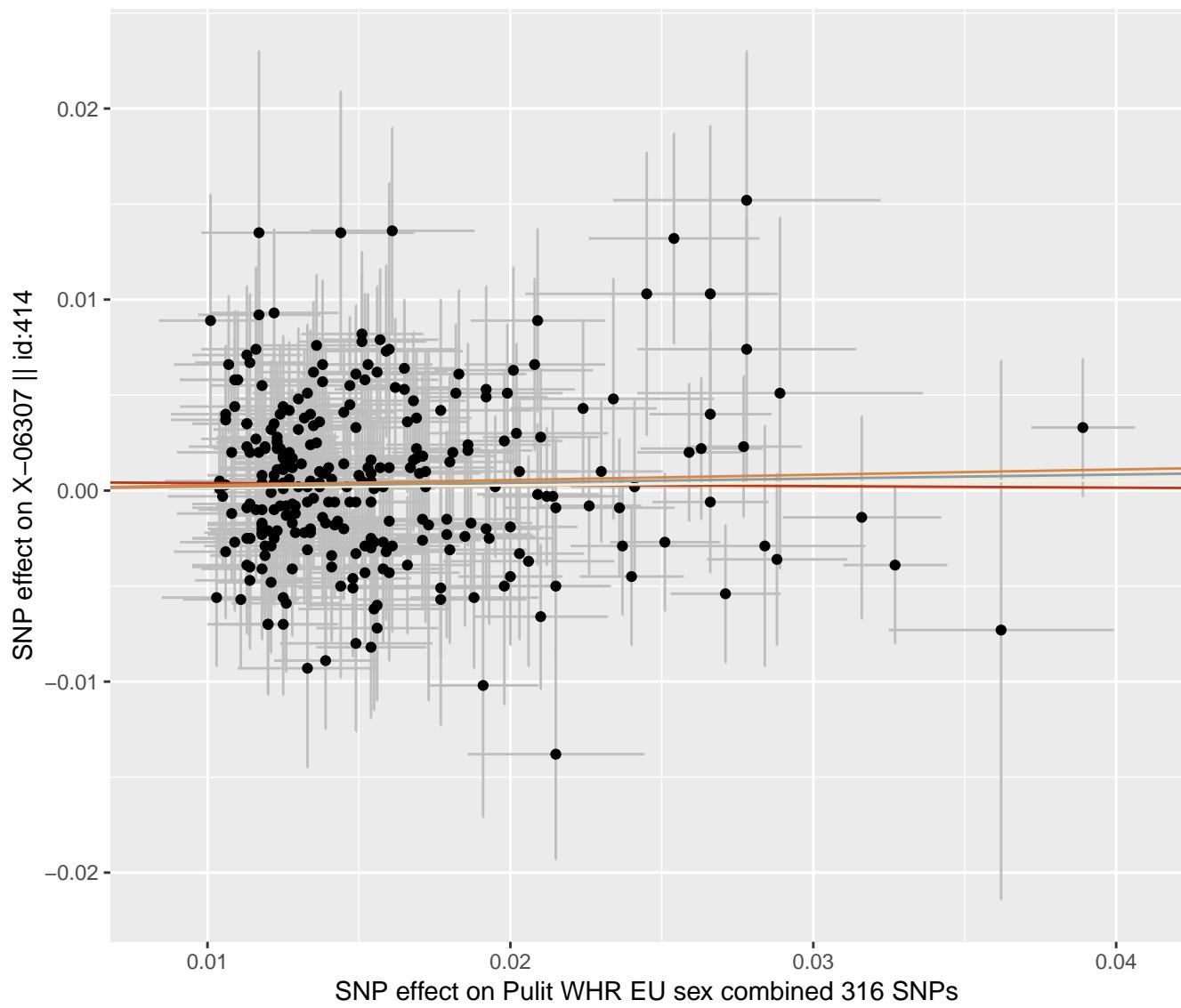
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



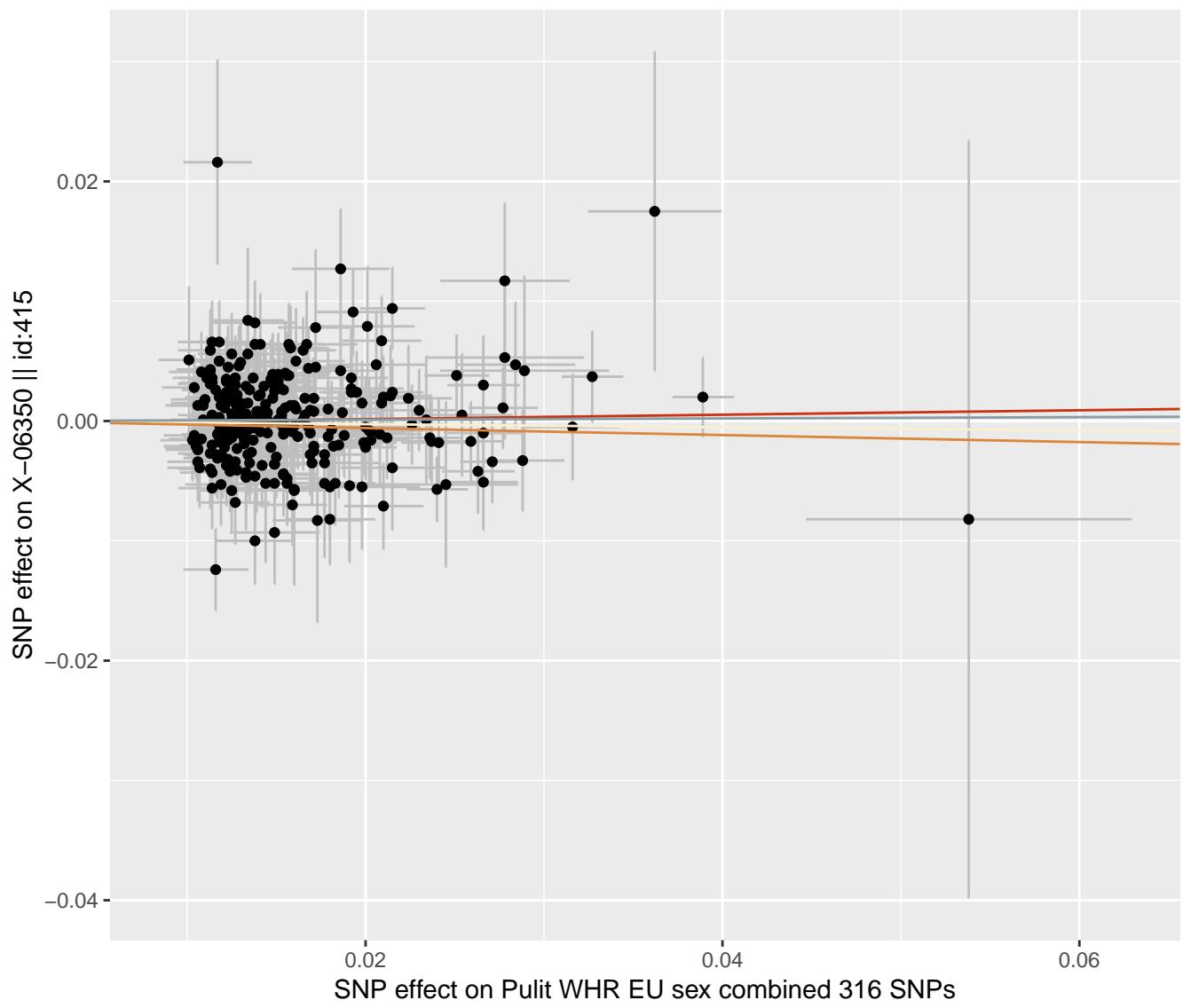
MR Egger



Weighted median



Weighted mode



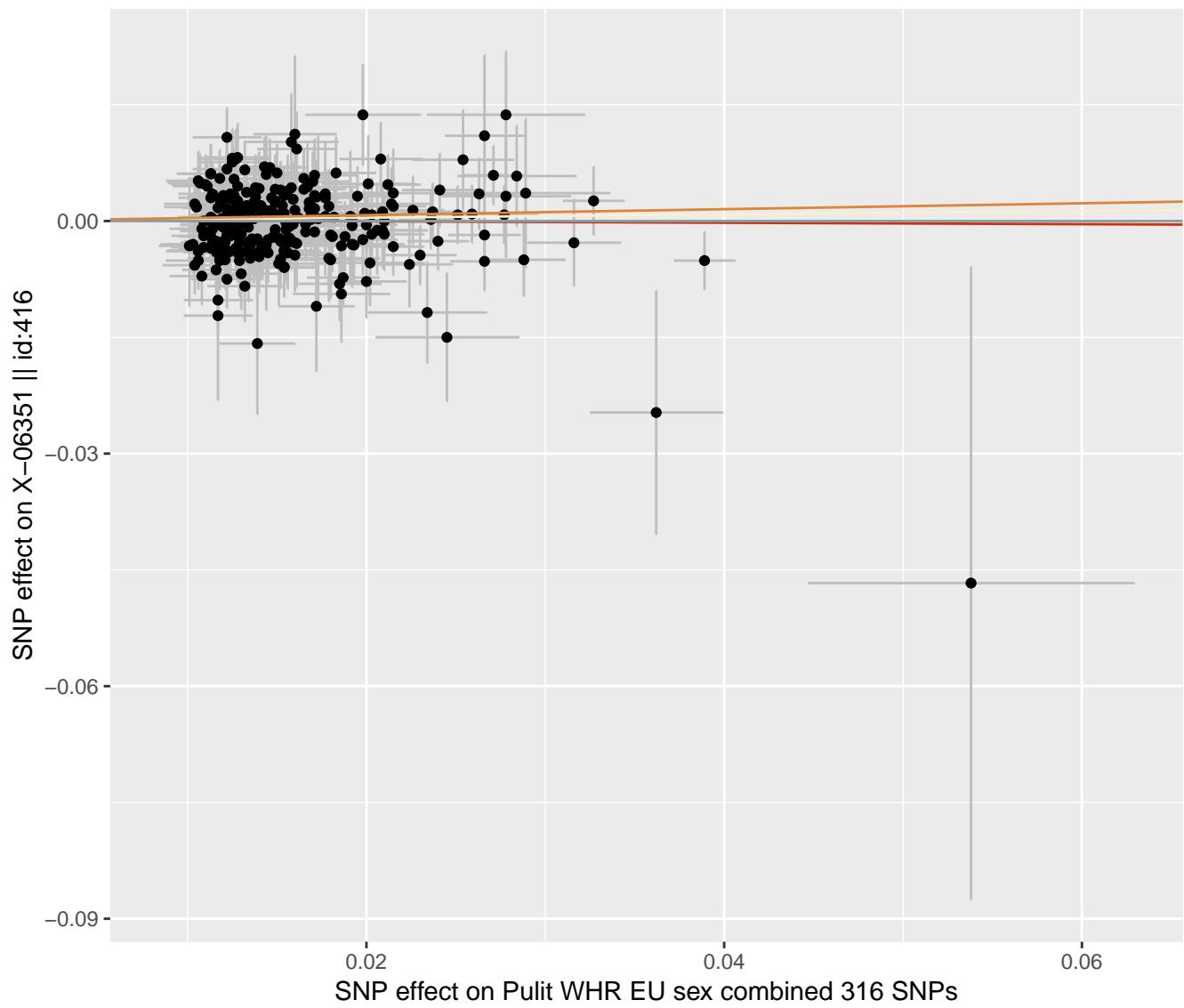
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



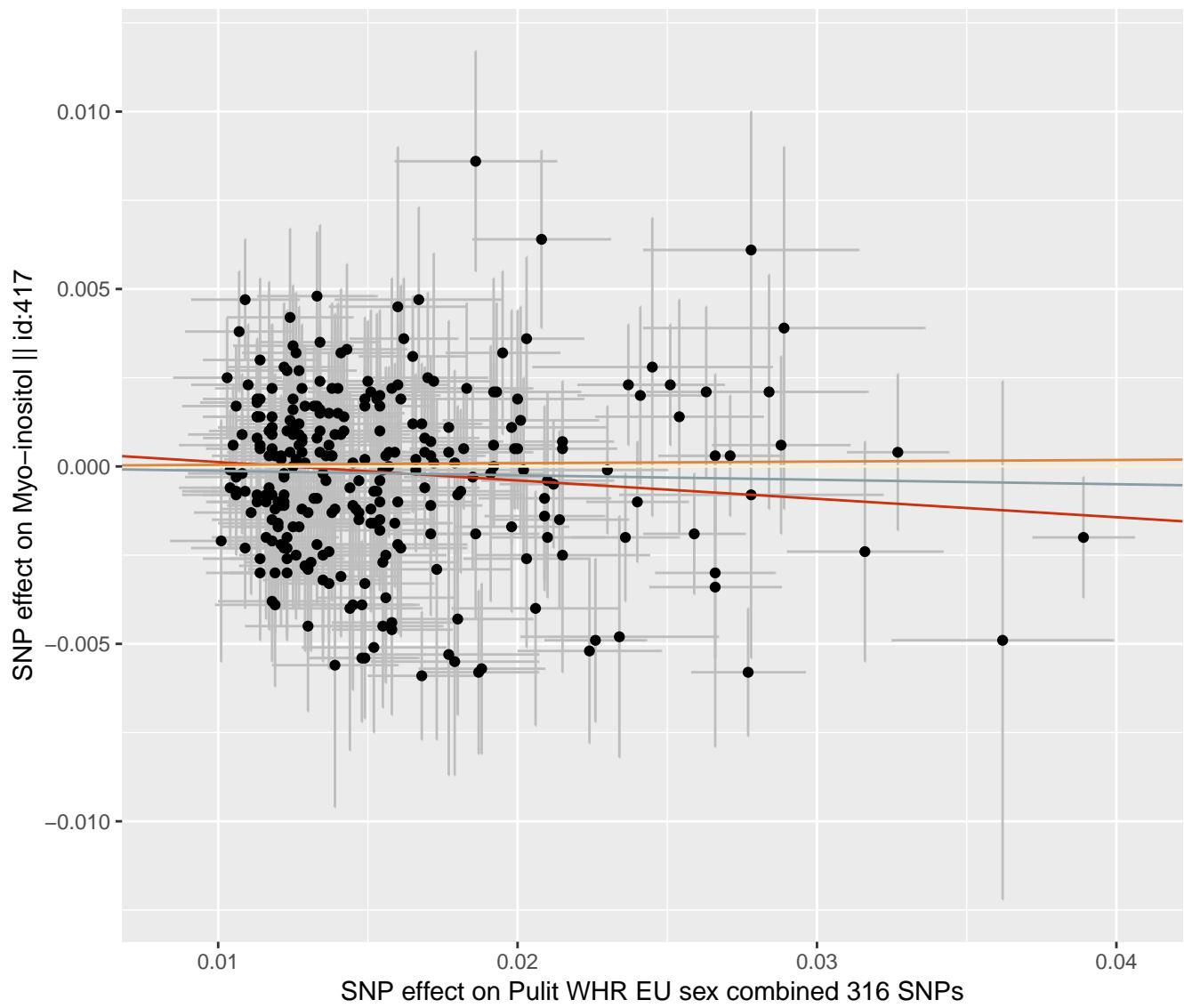
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



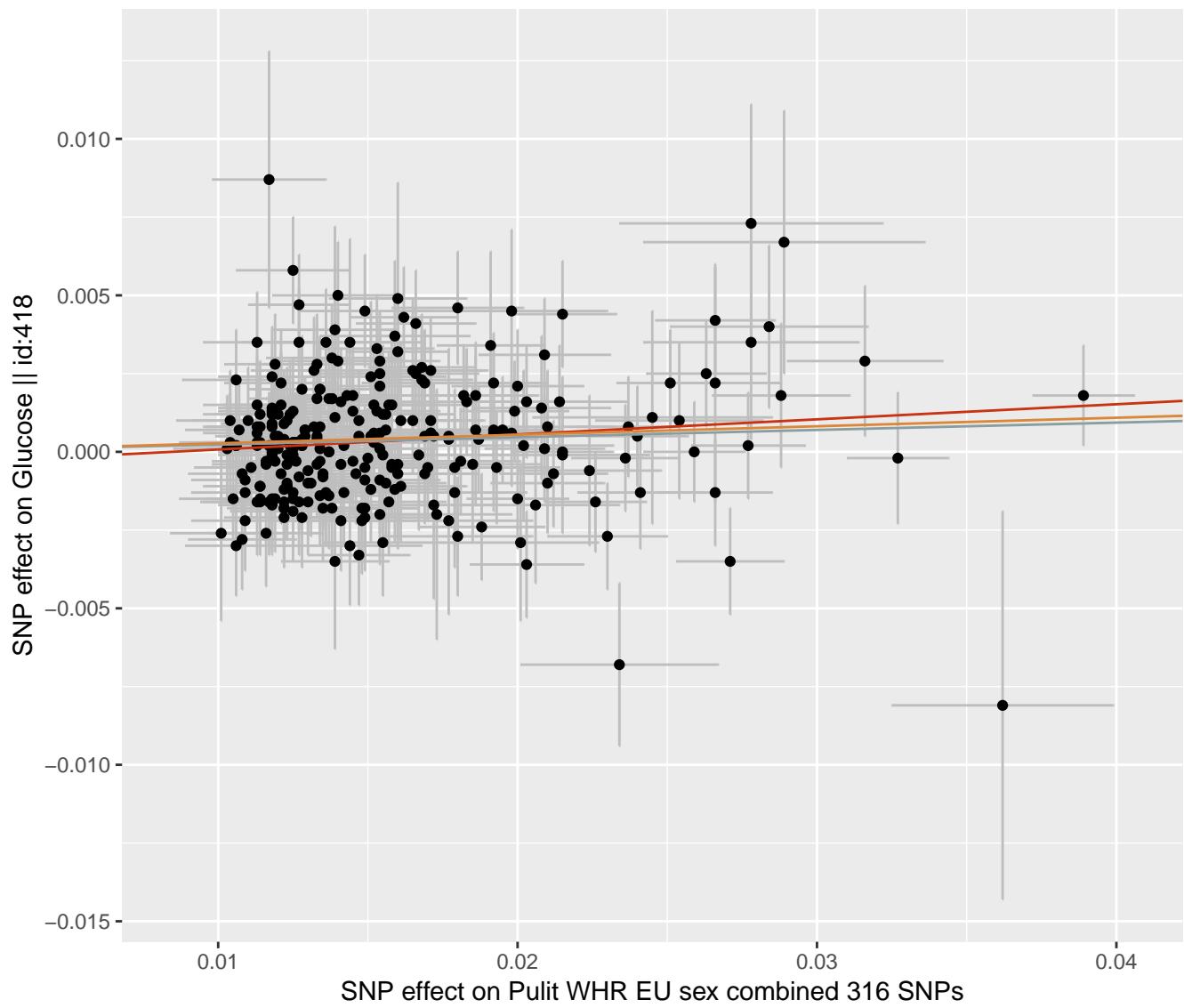
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



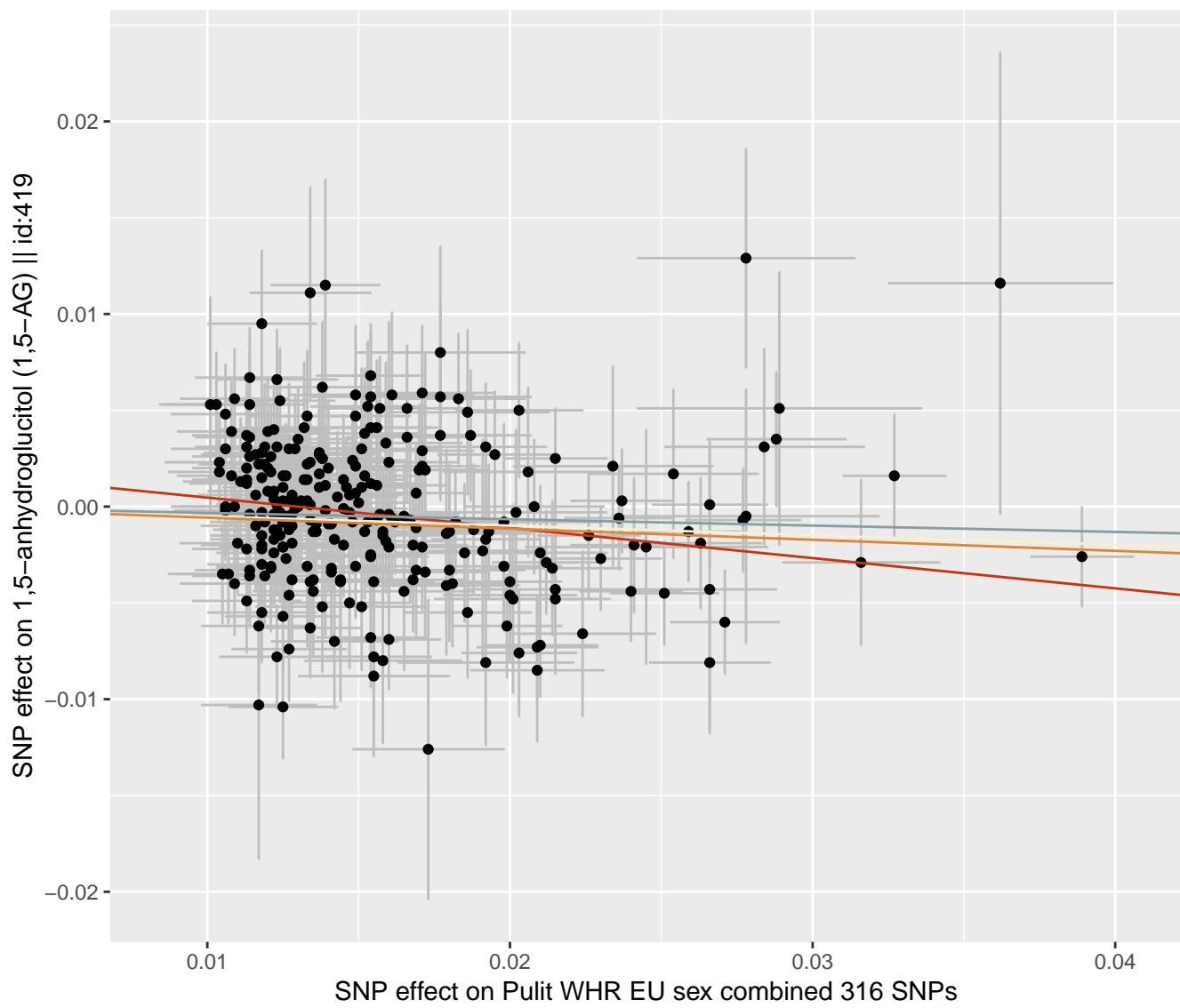
MR Egger



Weighted median

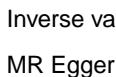


Weighted mode



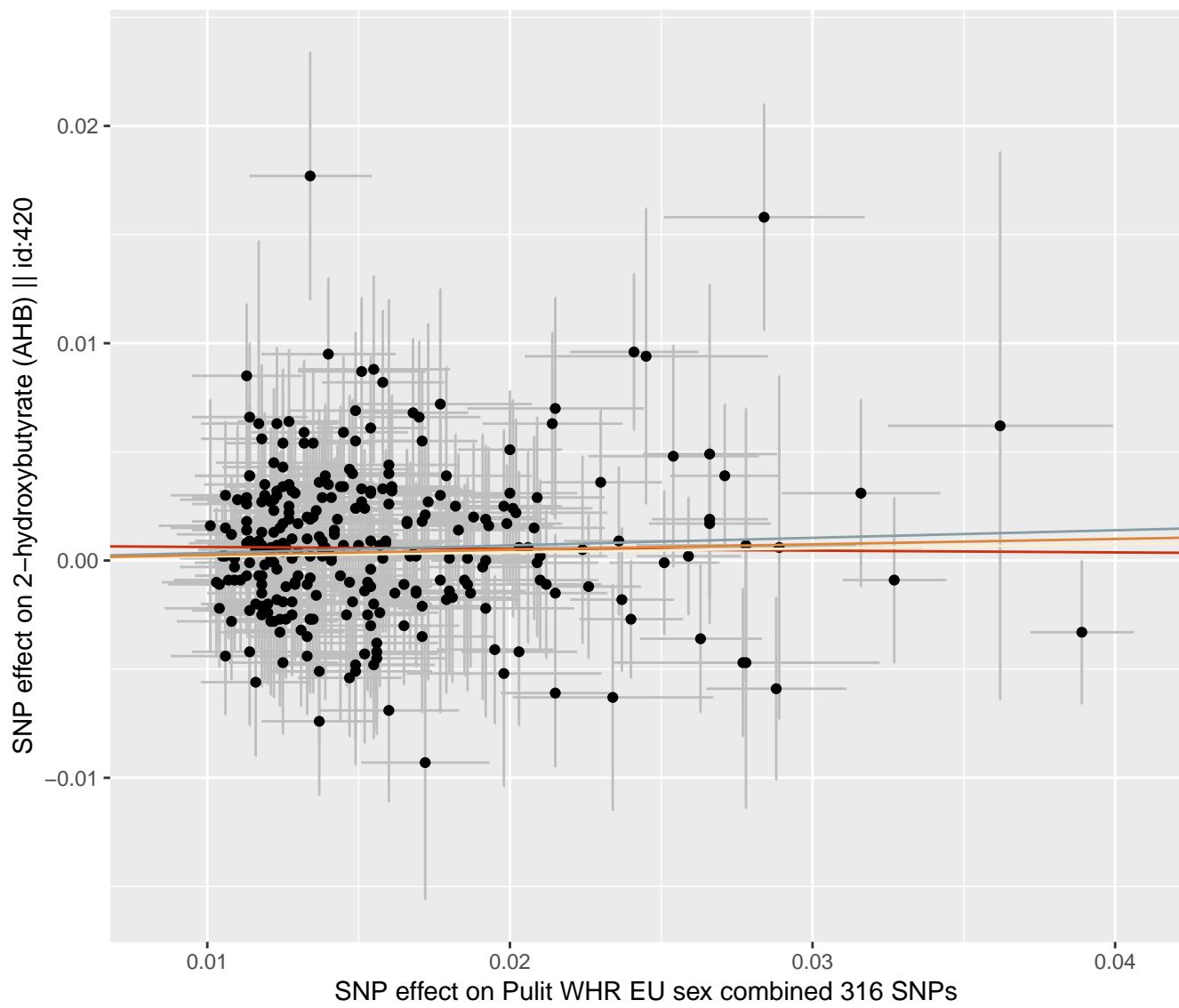
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



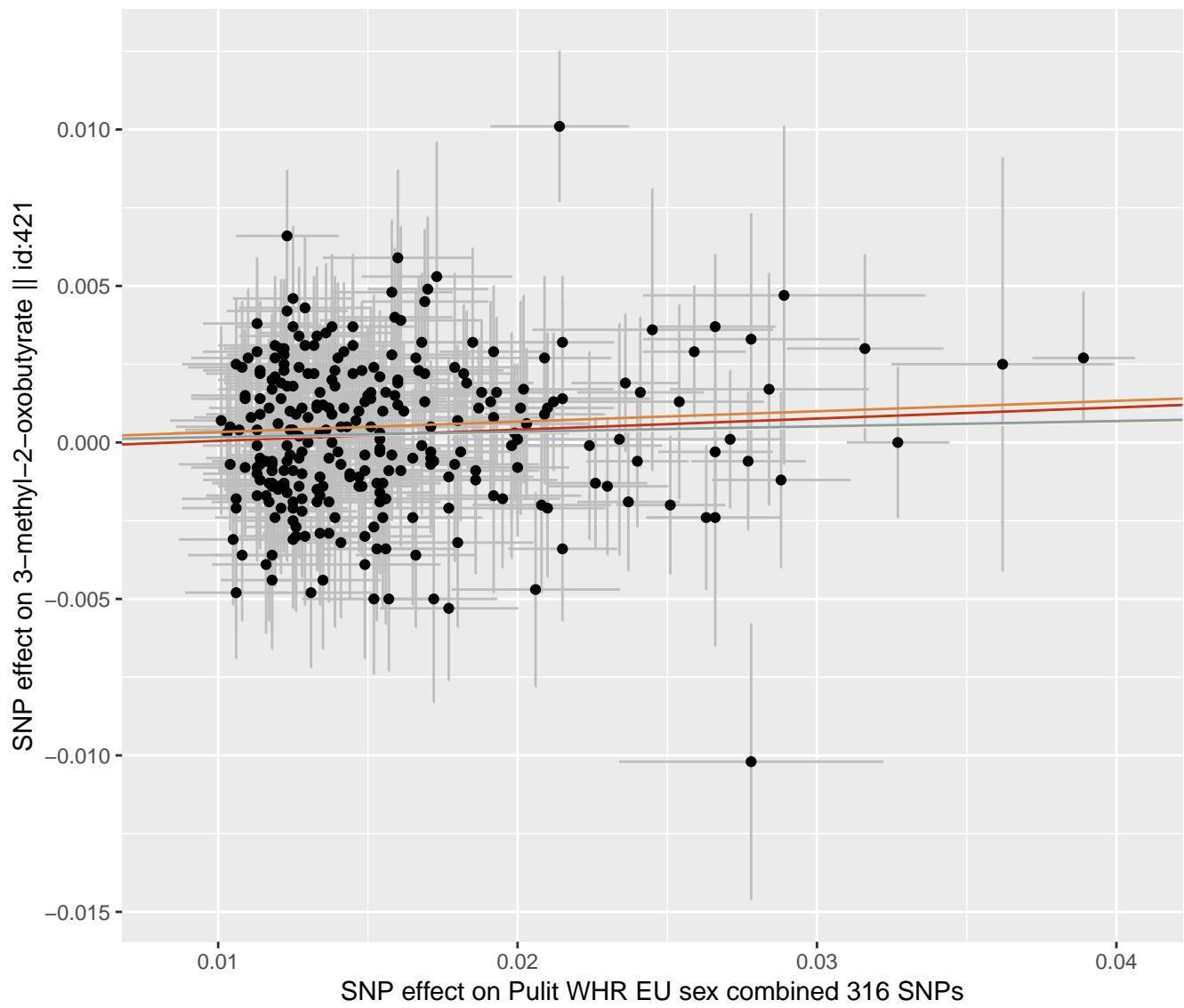
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



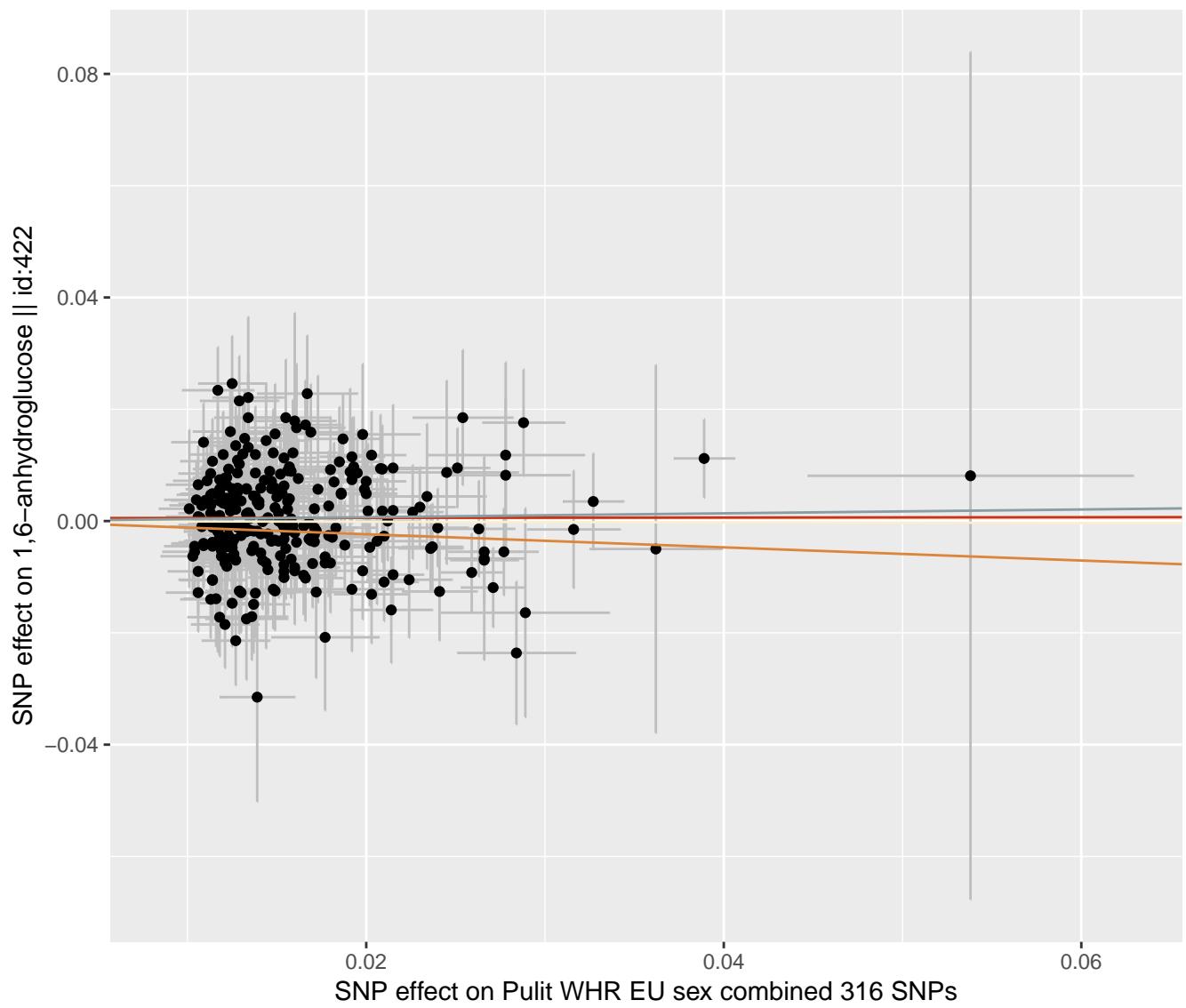
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



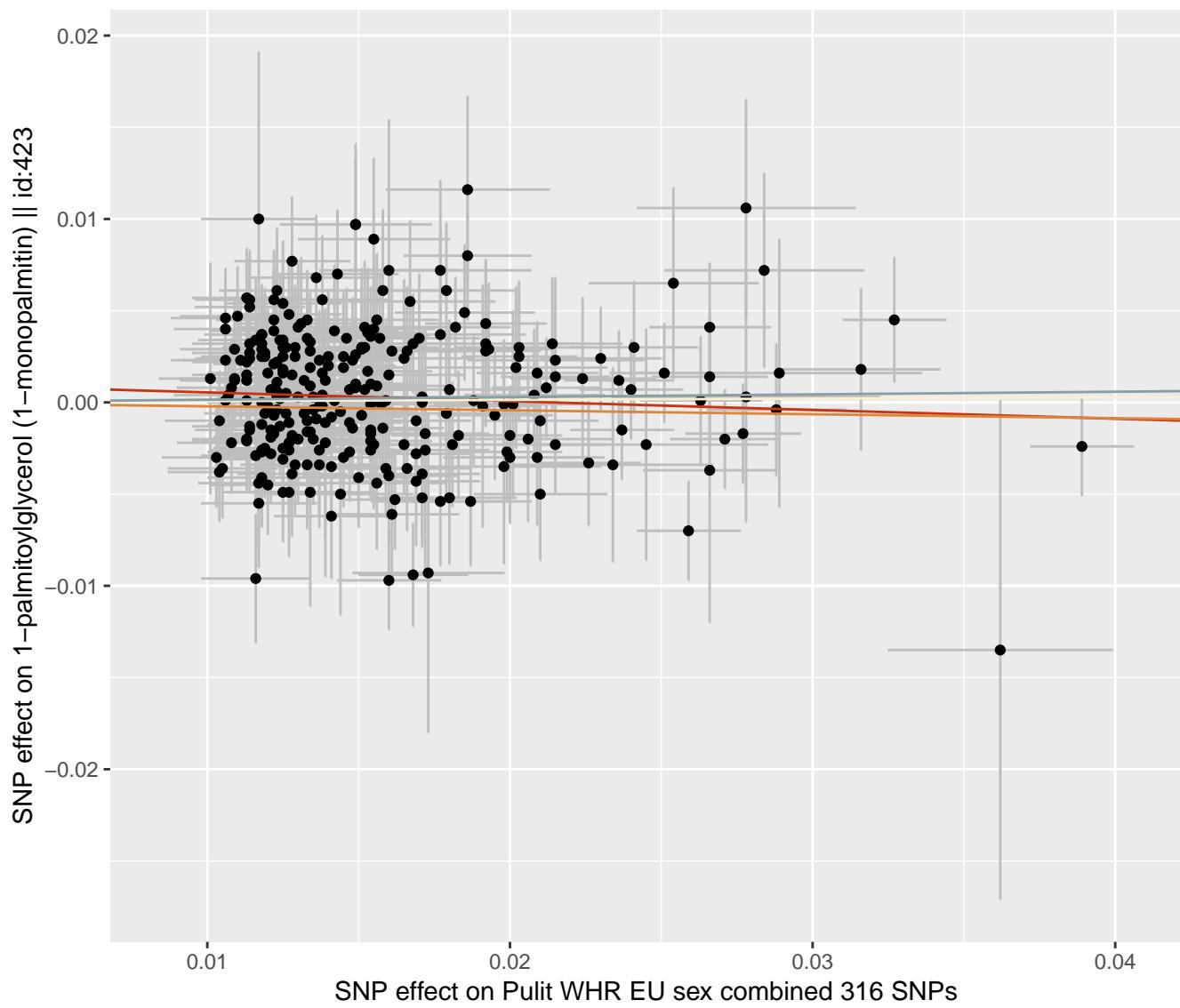
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



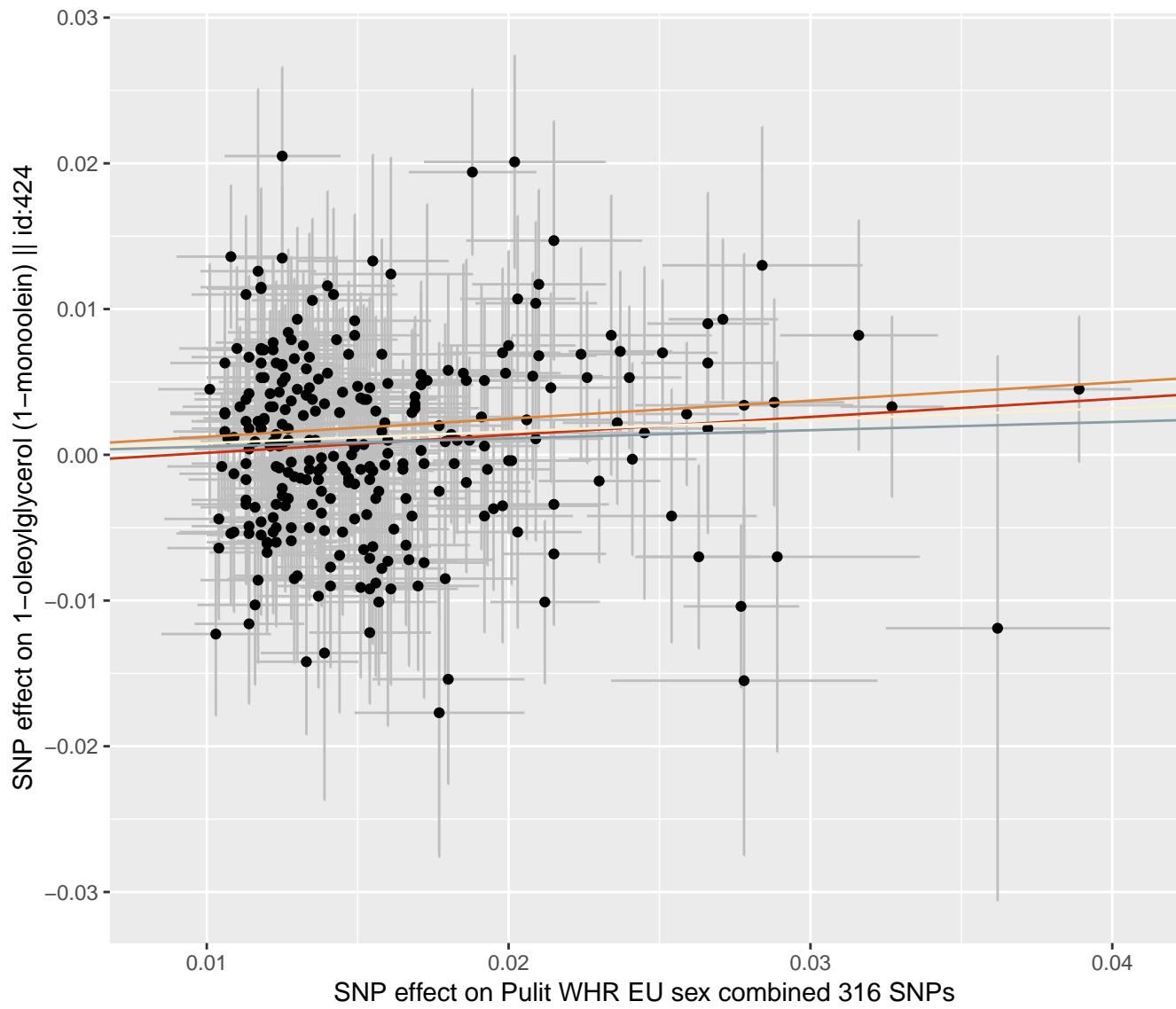
MR Egger



Weighted median



Weighted mode



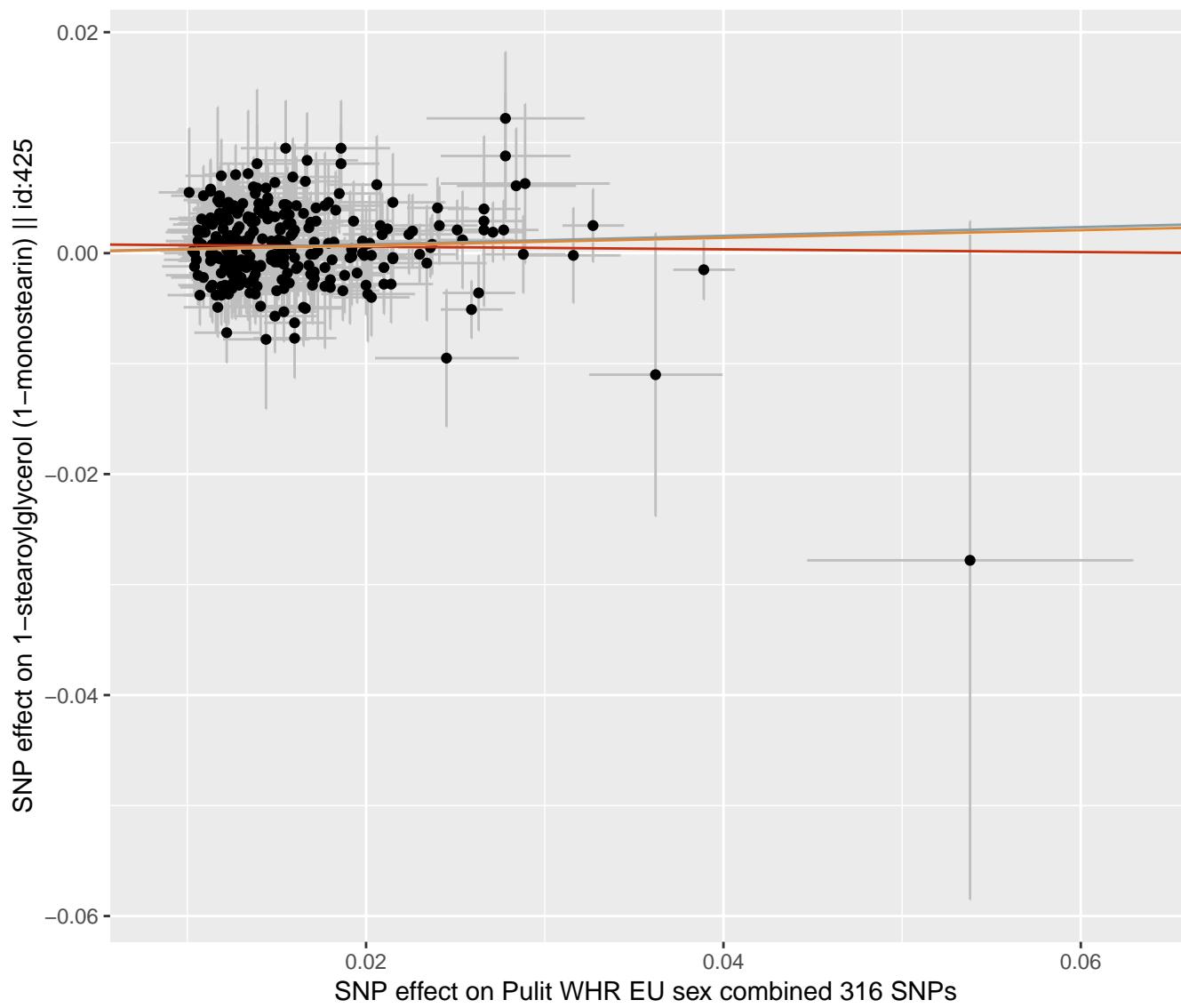
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

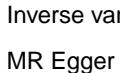
 Weighted median

 Weighted mode



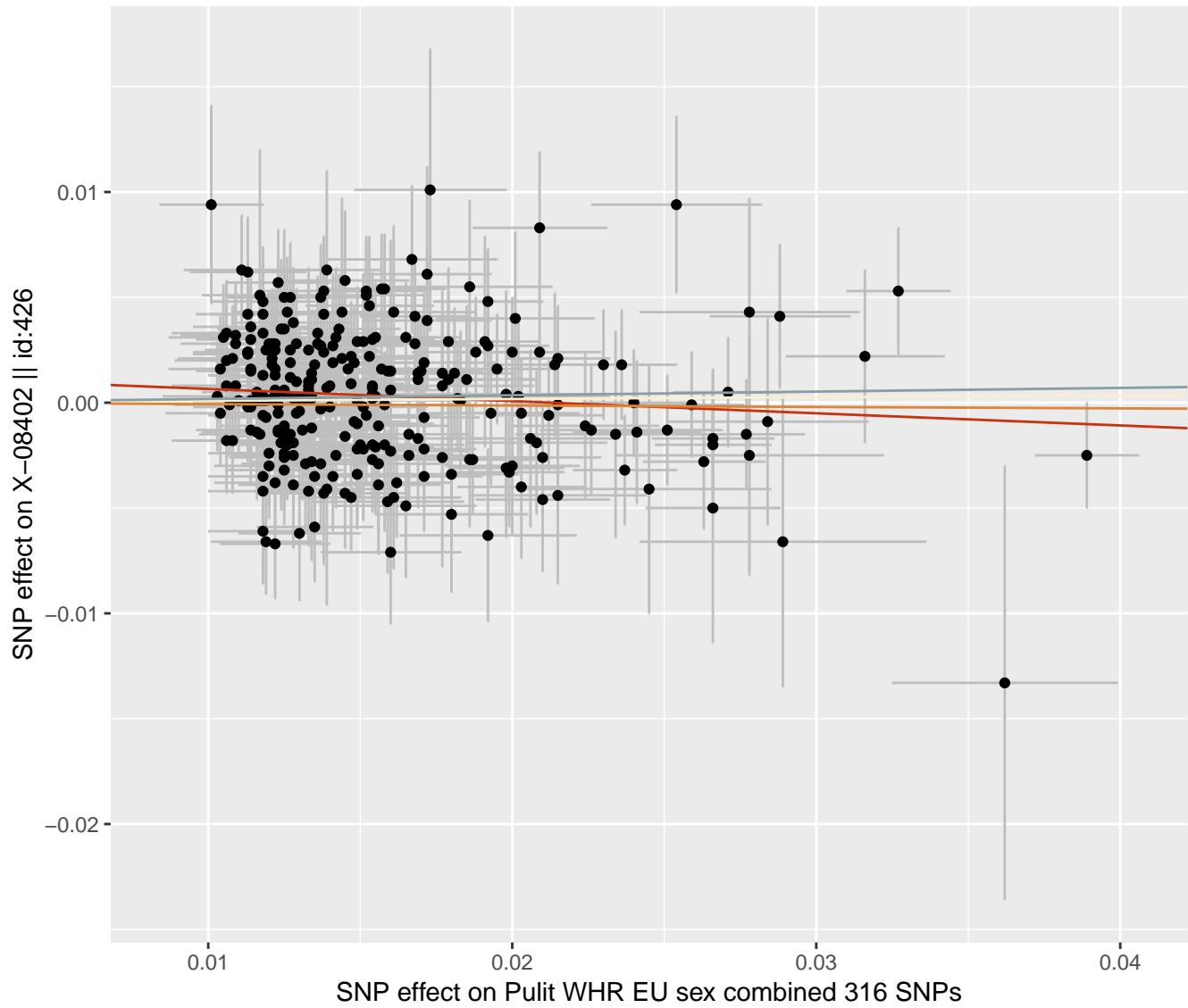
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



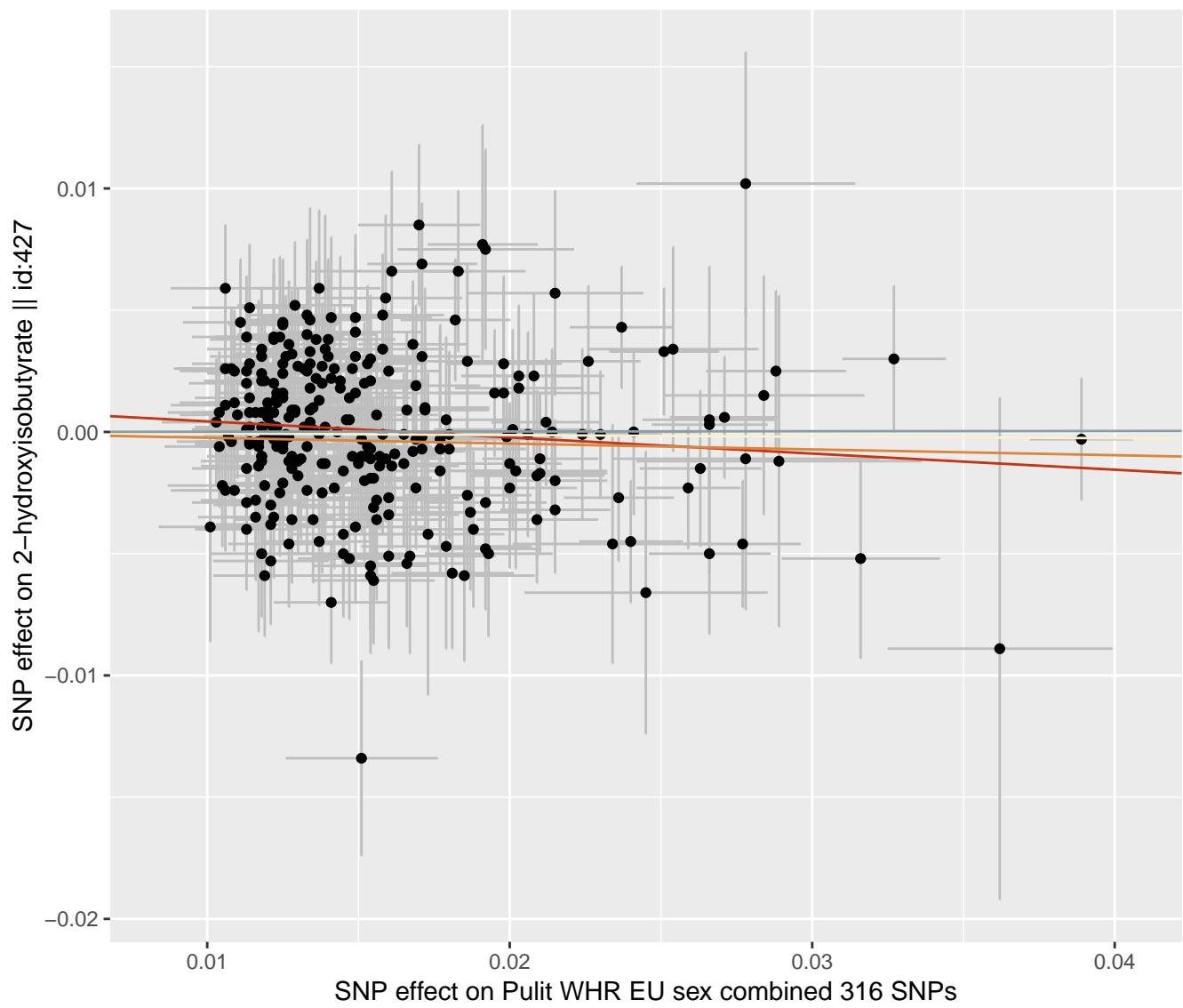
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



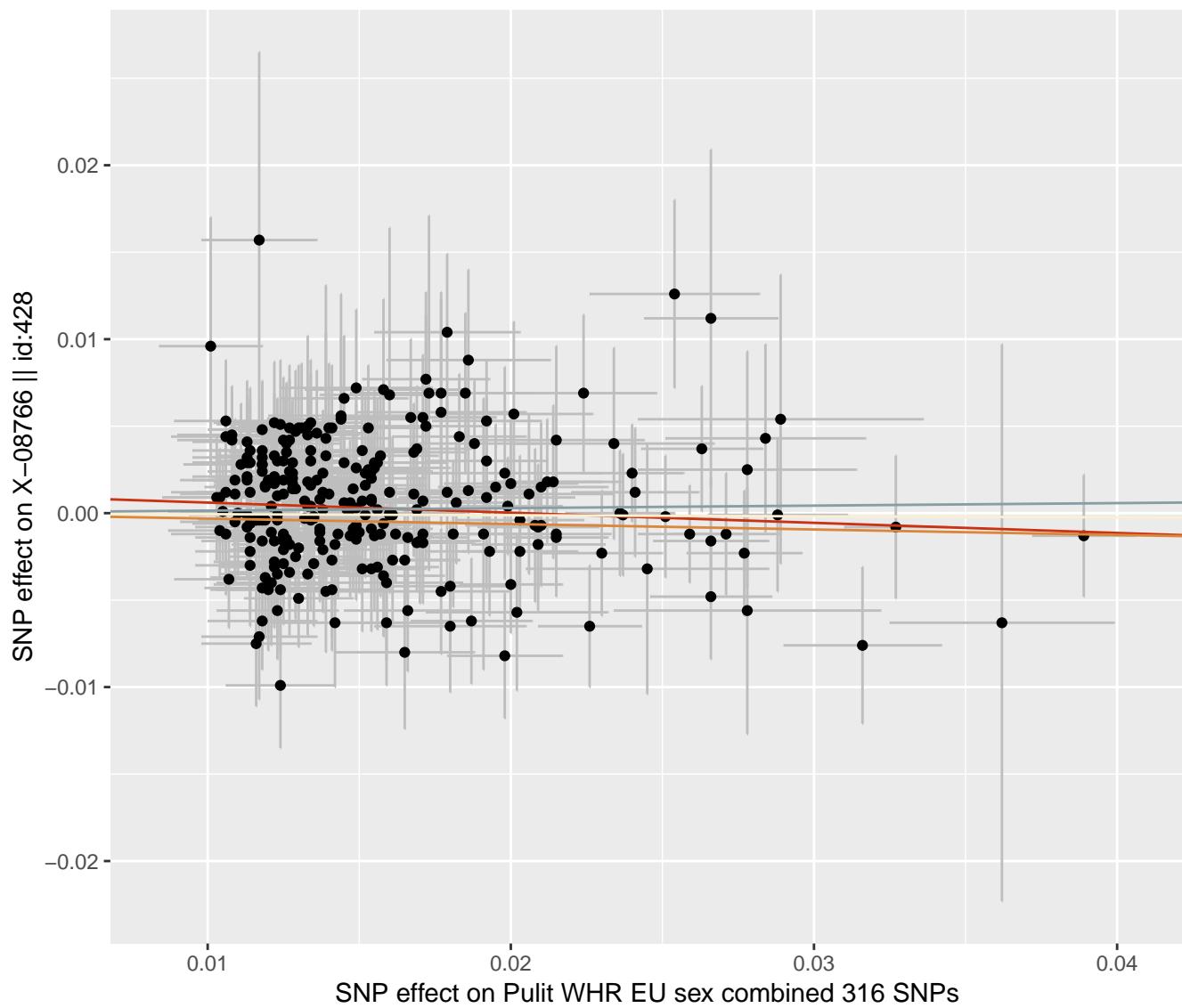
MR Egger



Weighted median



Weighted mode



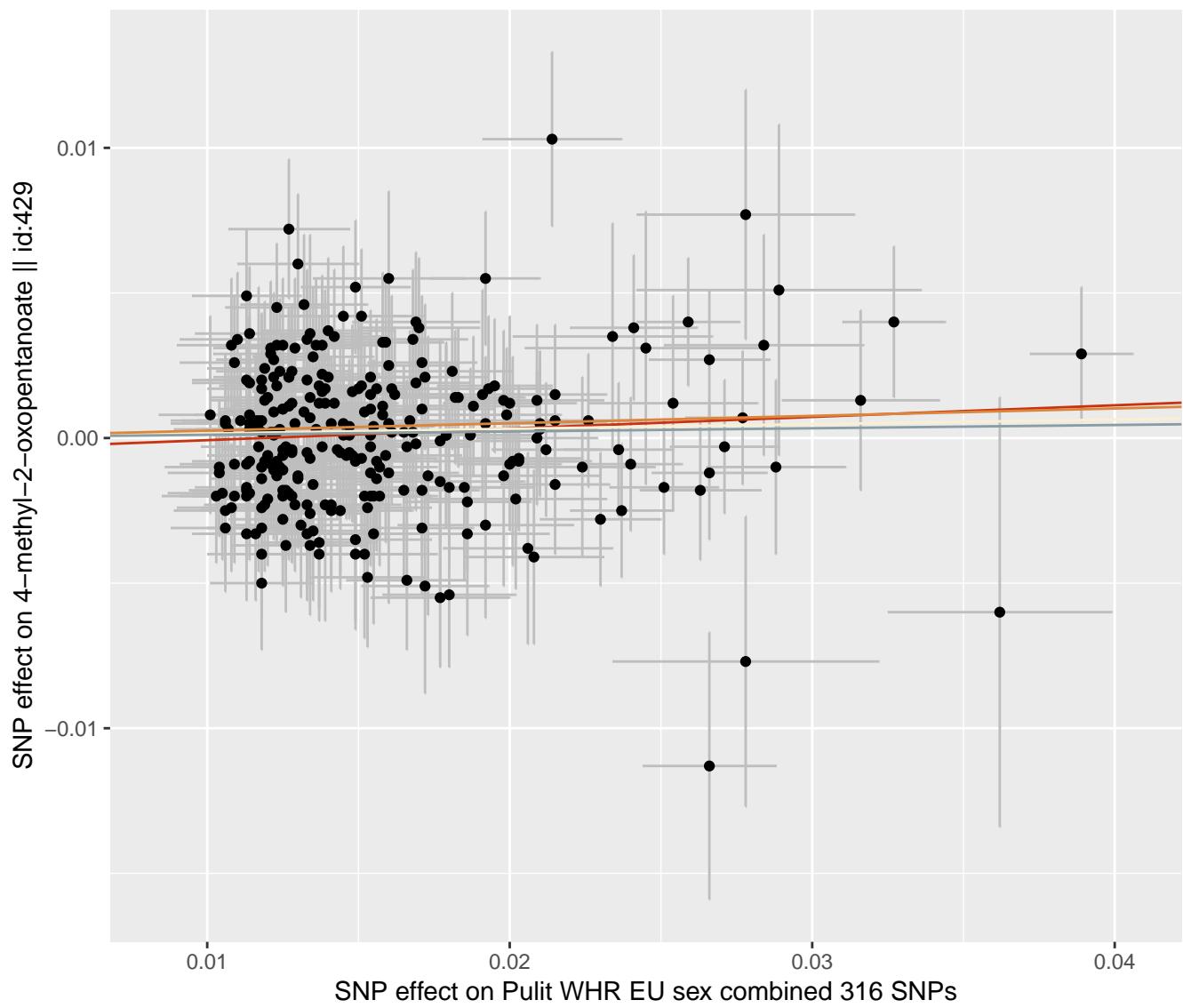
MR Test

 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 Phenyllactate (PLA) || id:430

0.02

0.00

-0.02

SNP effect on Pullet WHR EU sex combined 316 SNPs

0.02 0.04 0.06

MR Test



Inverse variance weighted (multiplicative random effects)



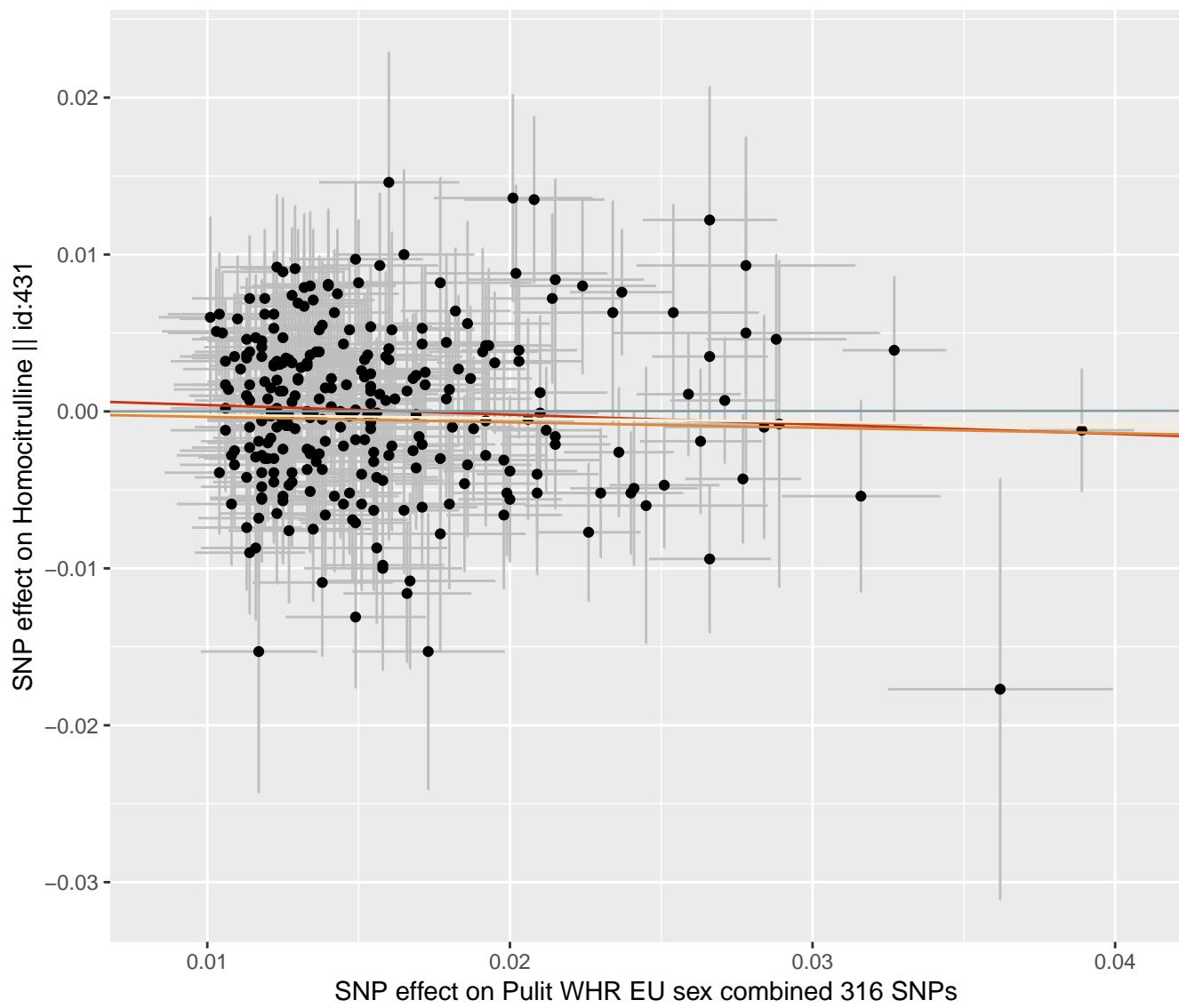
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



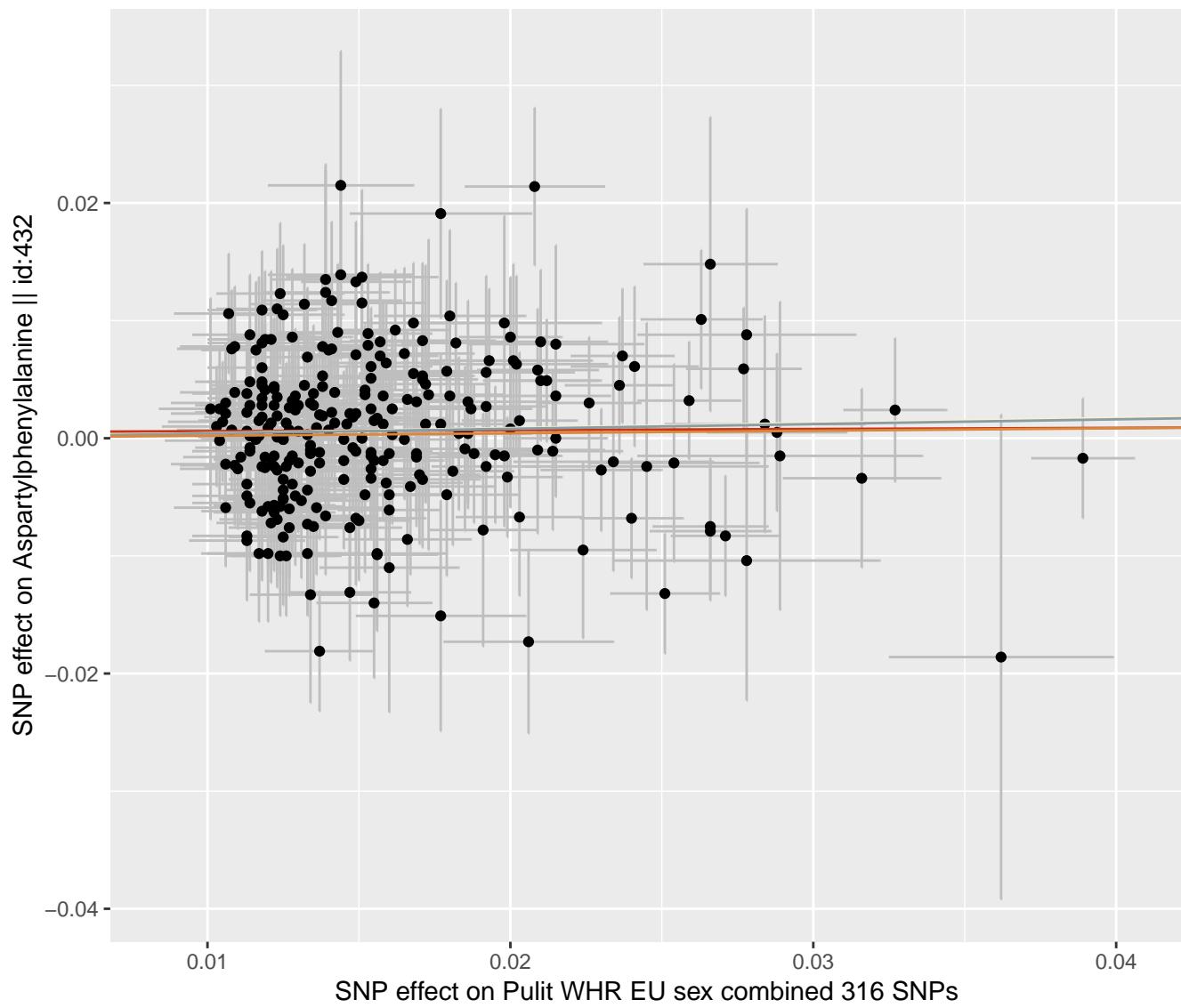
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



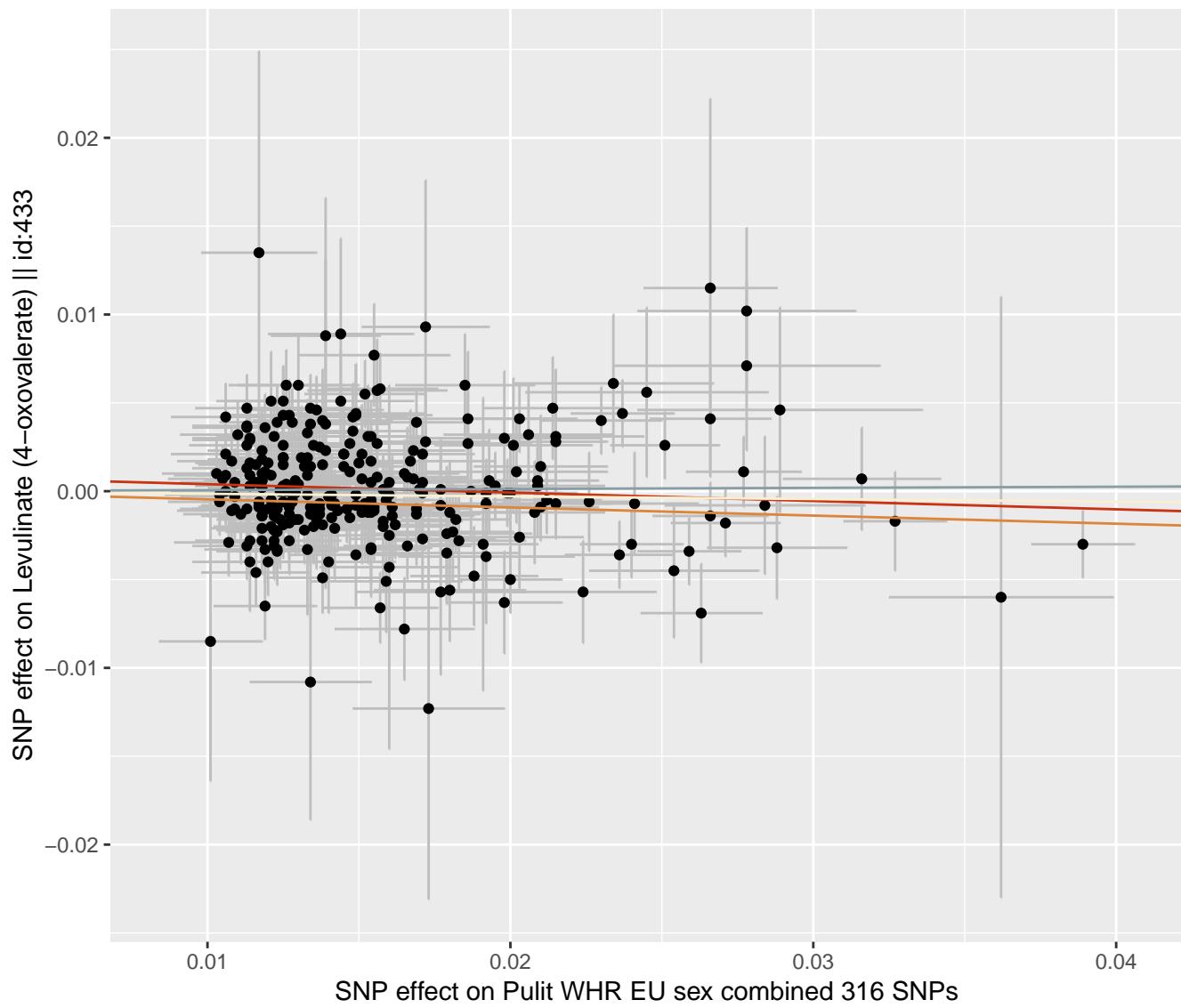
MR Egger



Weighted median



Weighted mode



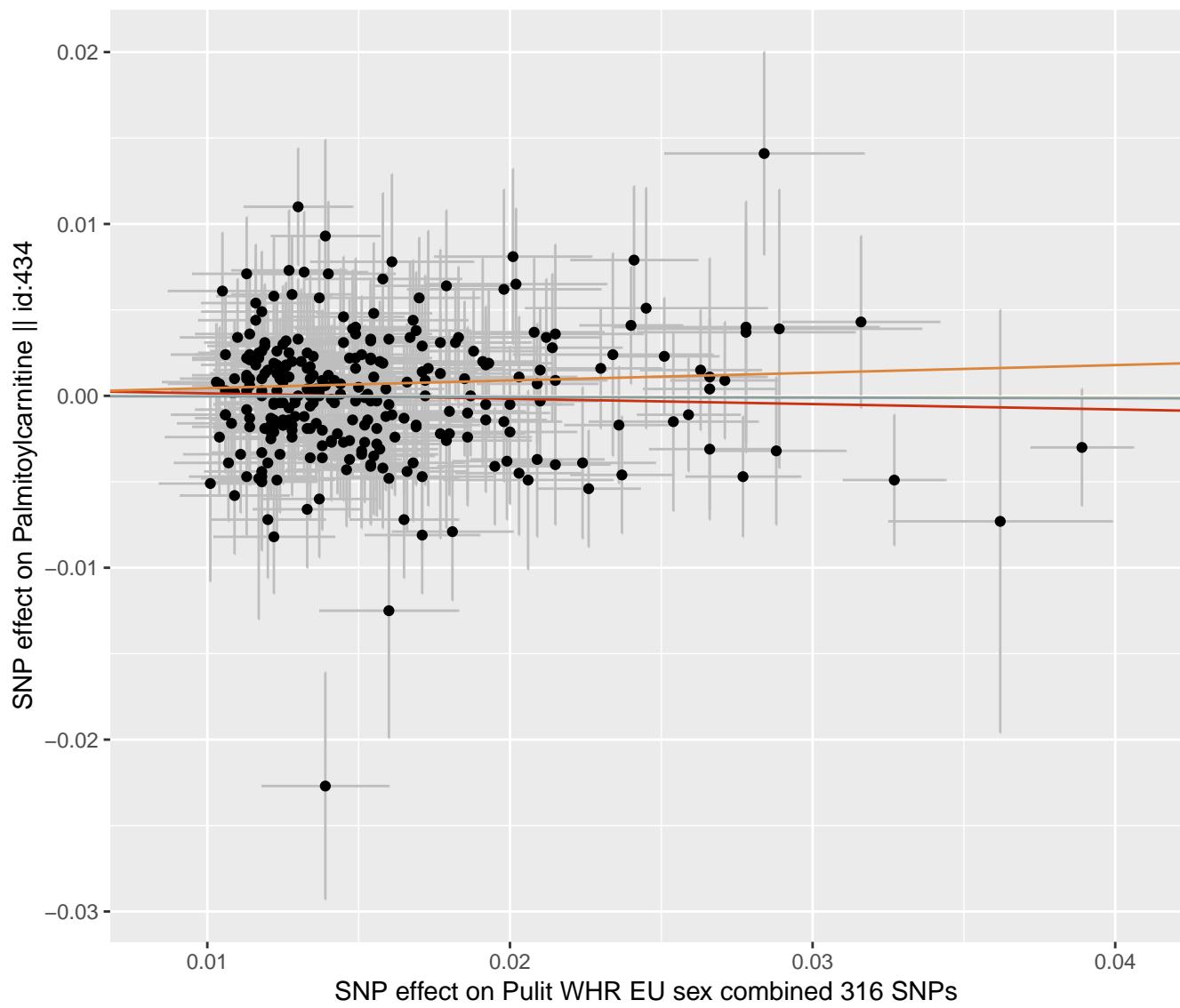
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



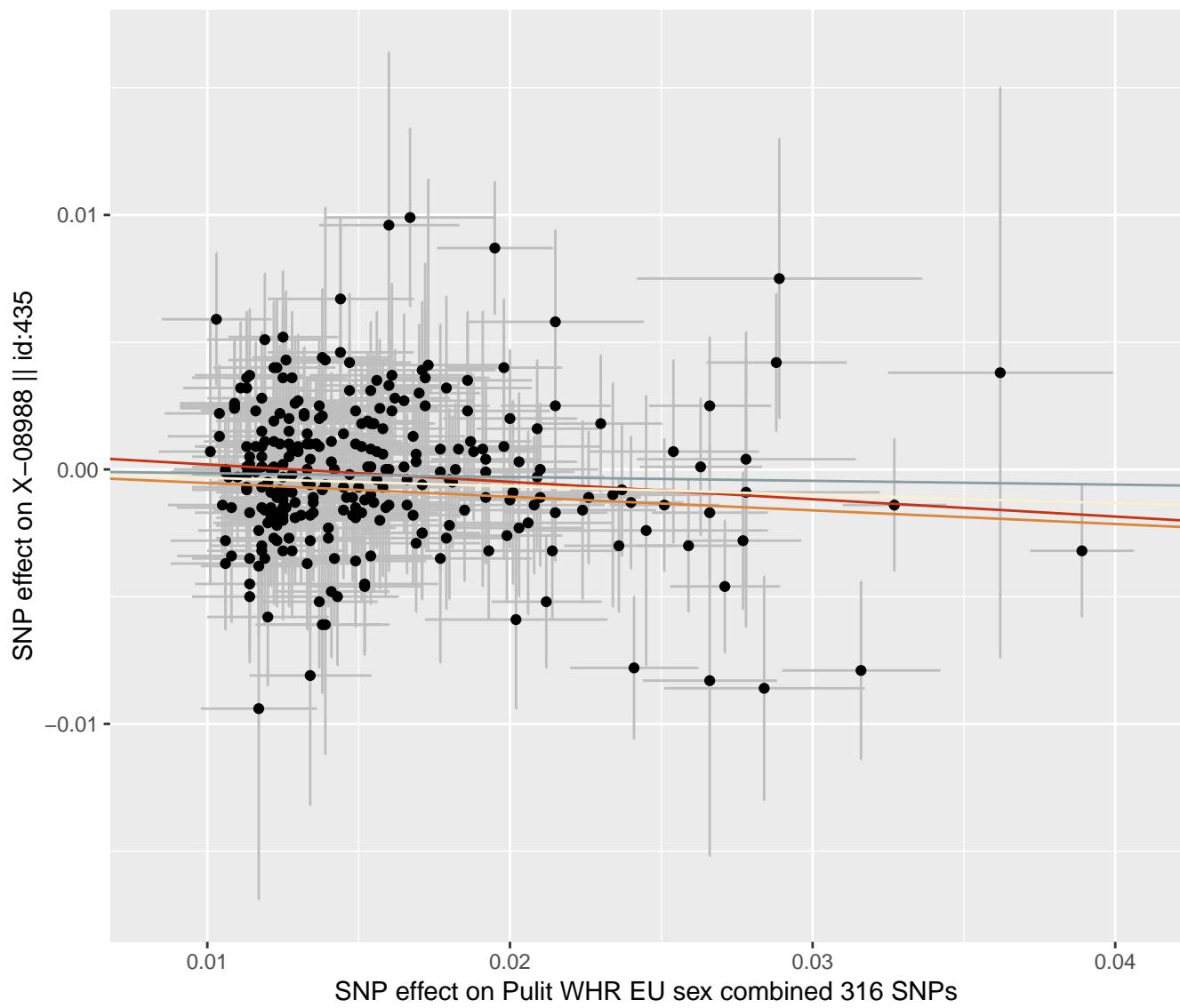
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



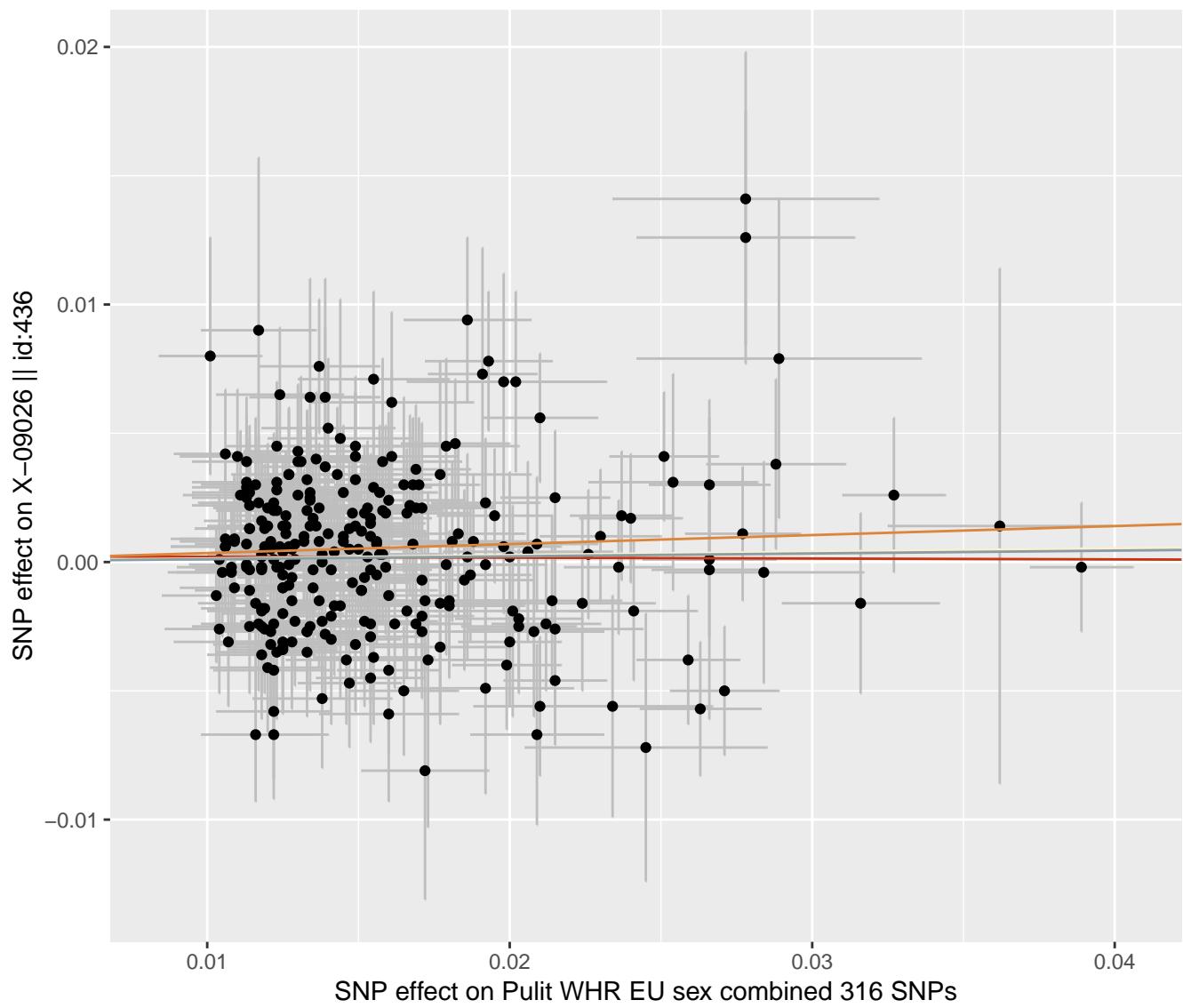
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



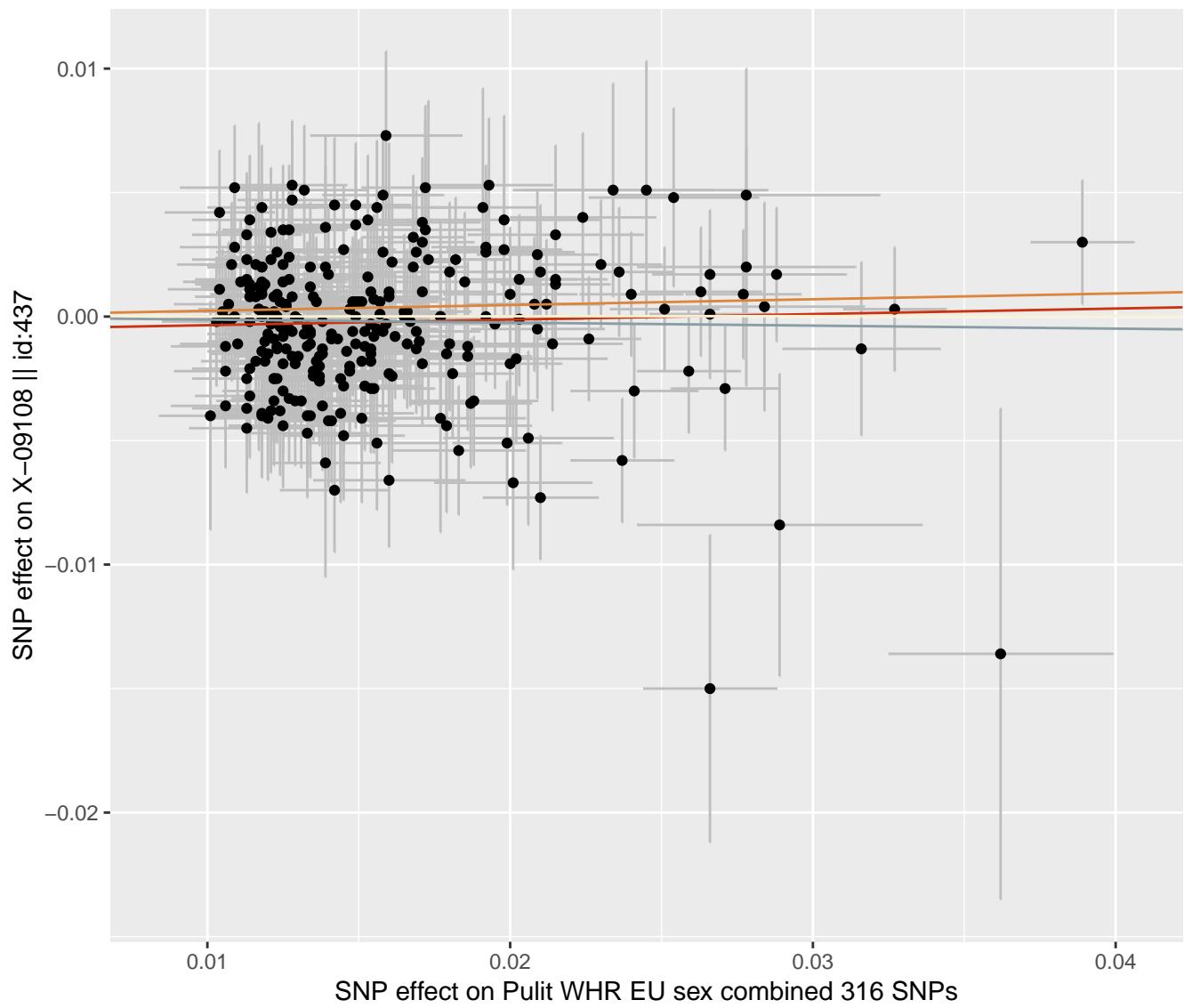
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



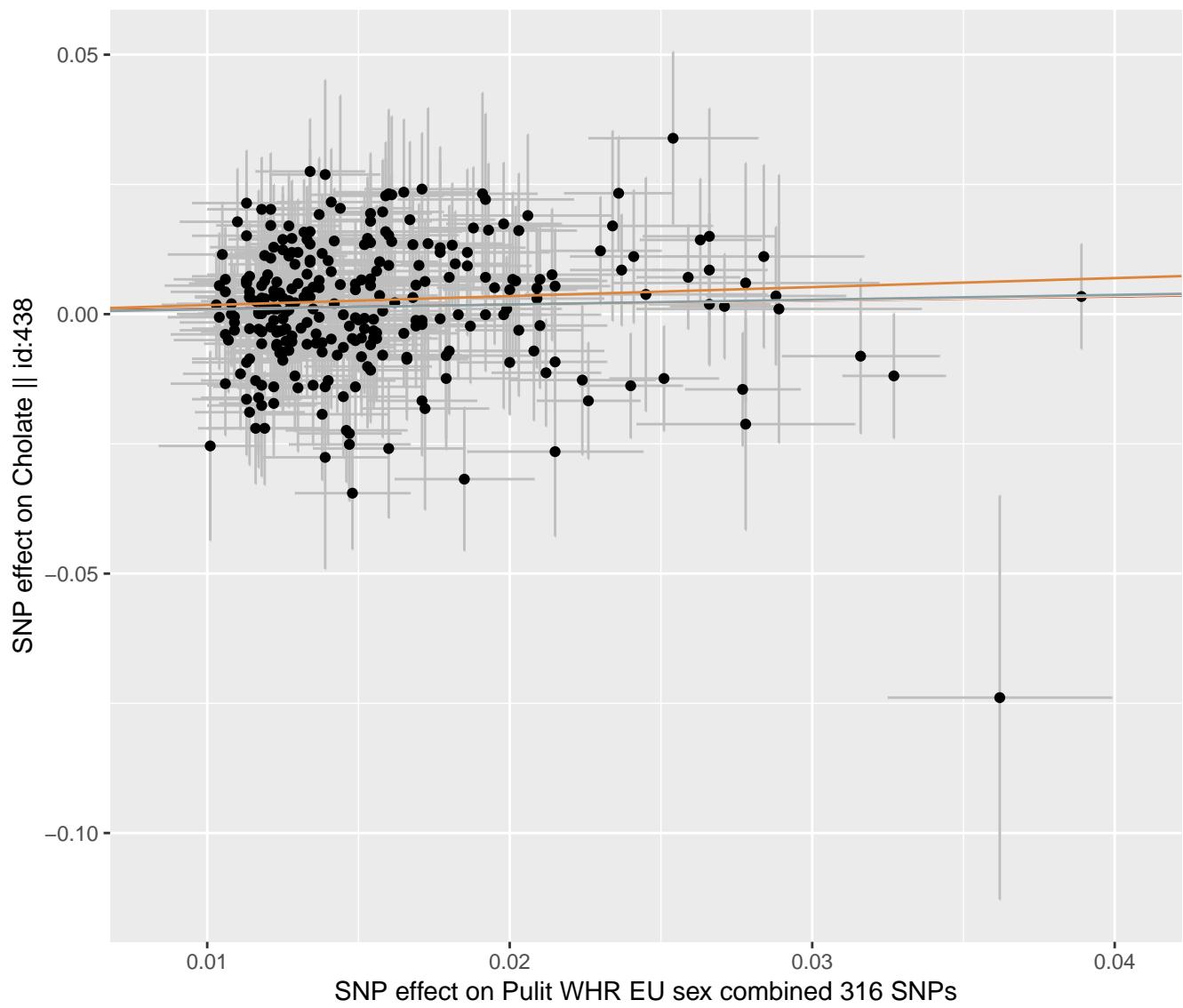
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



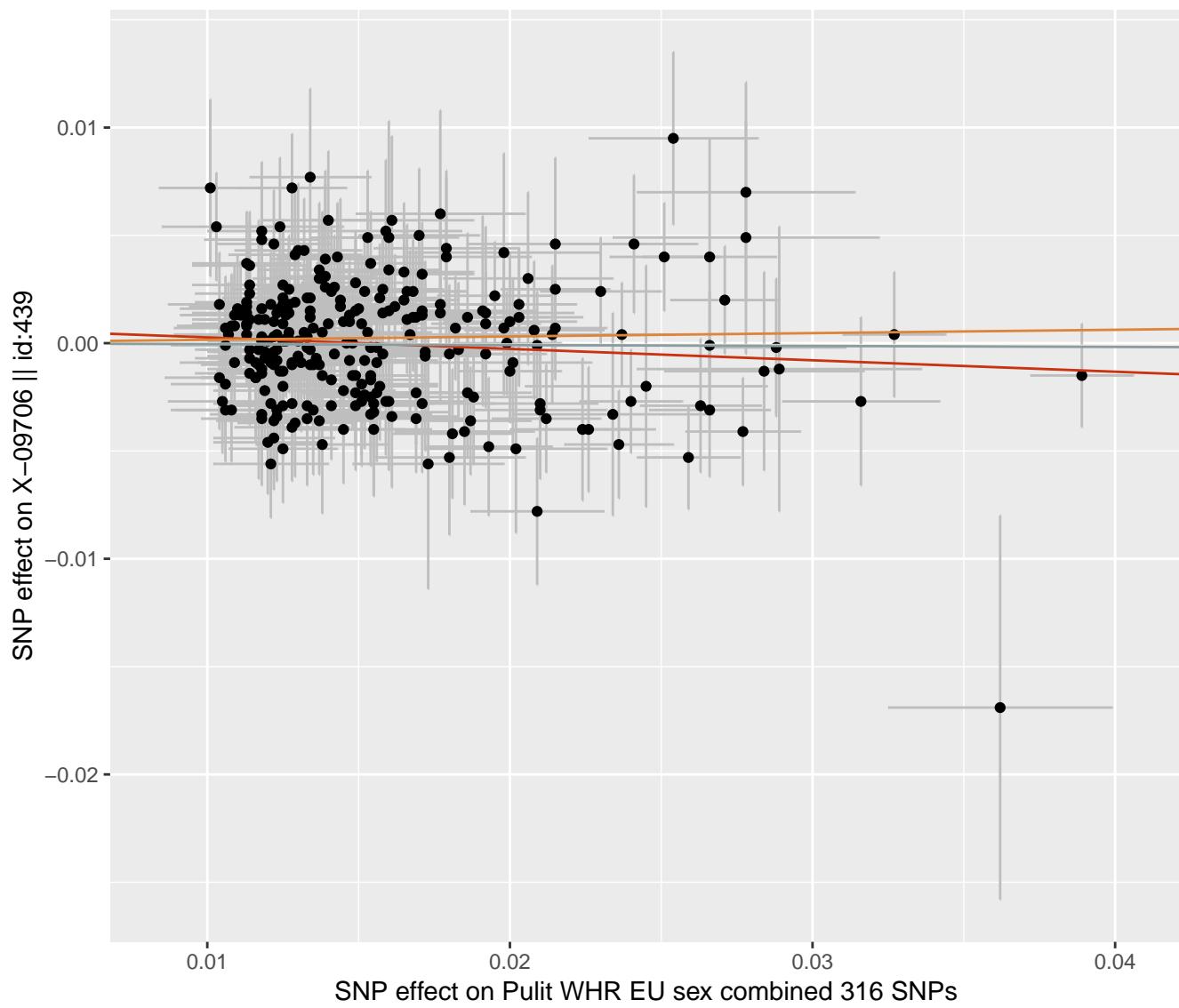
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



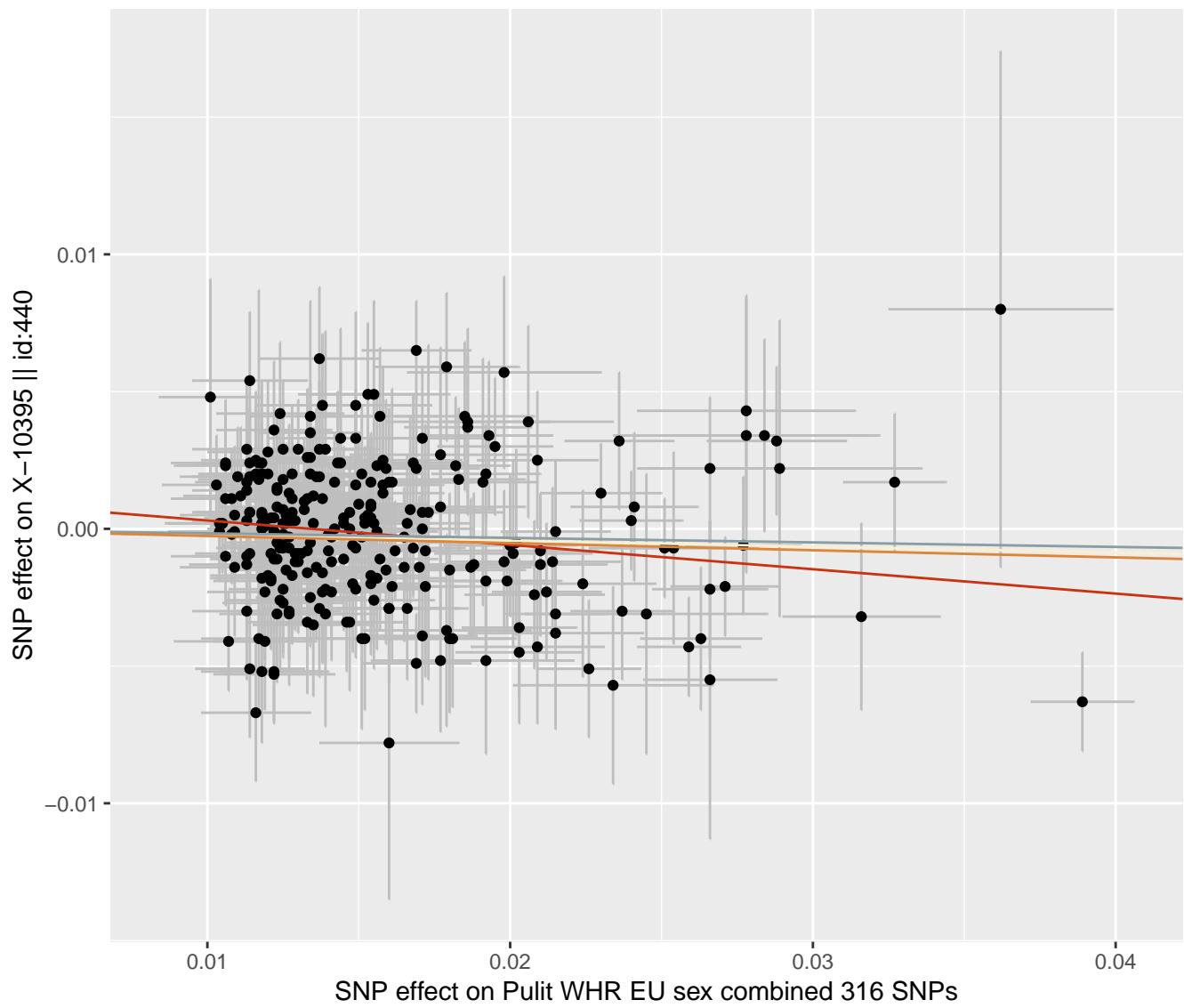
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



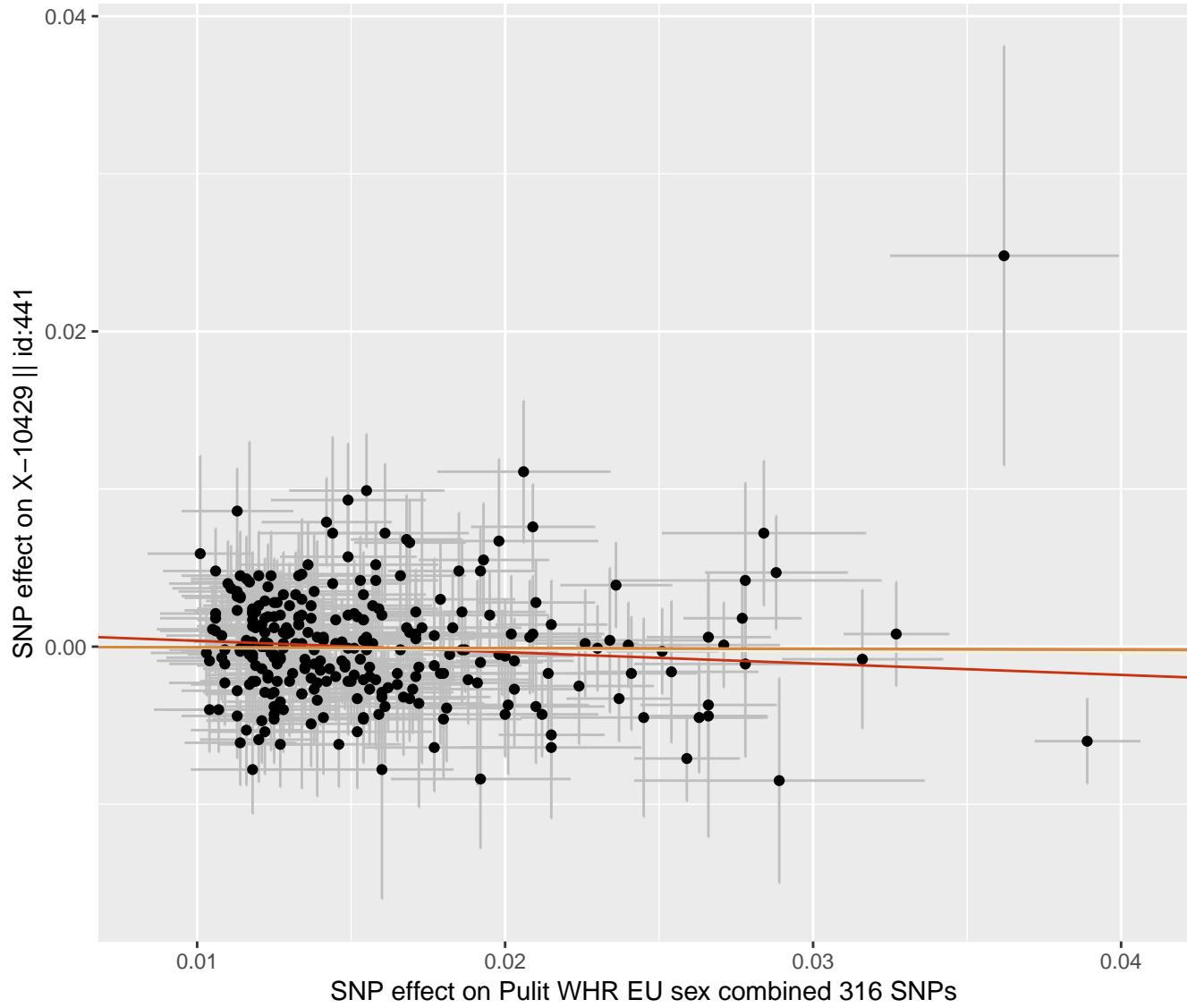
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

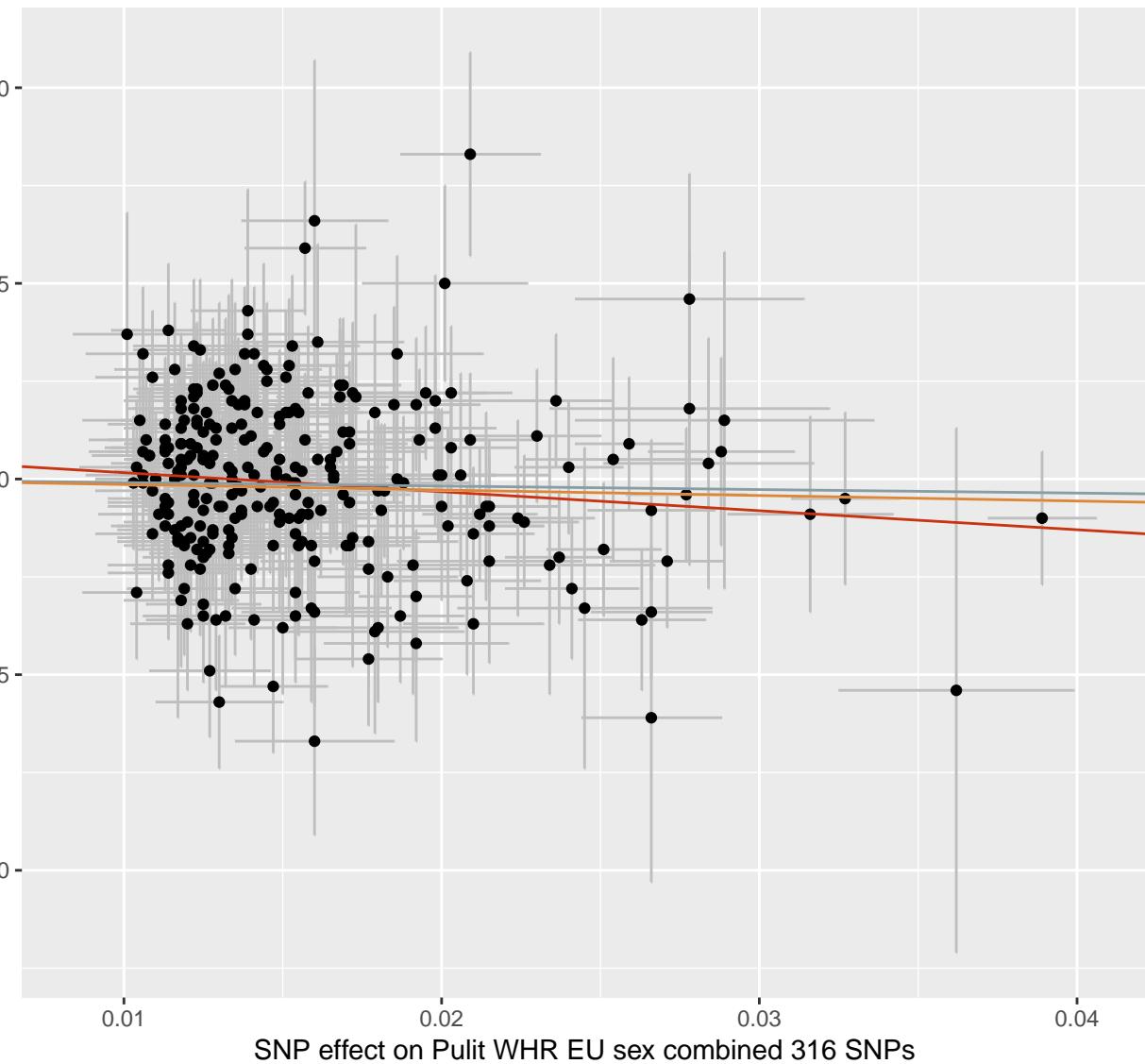


Weighted median



Weighted mode

SNP effect on X-10500 || id:442



SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



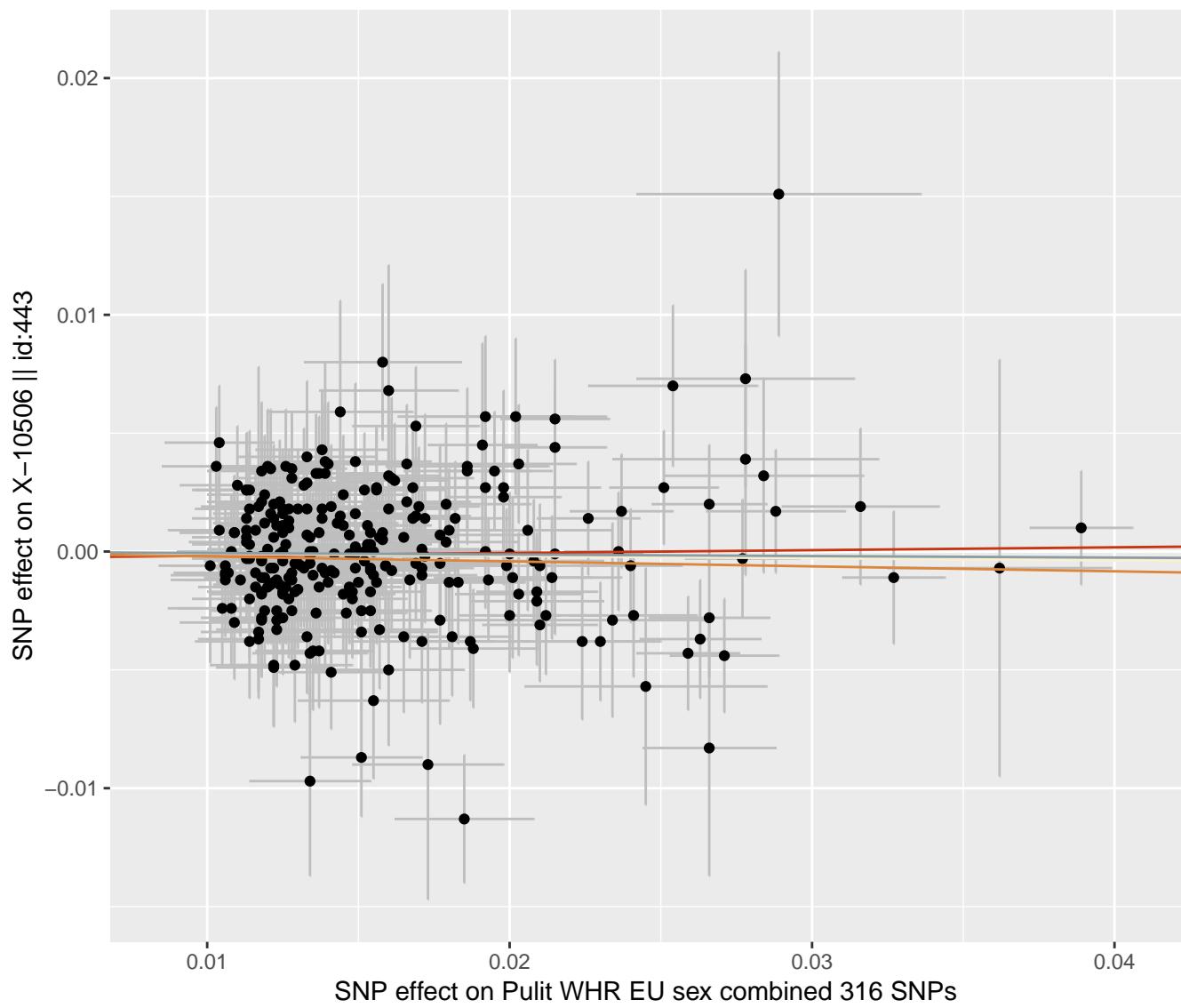
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



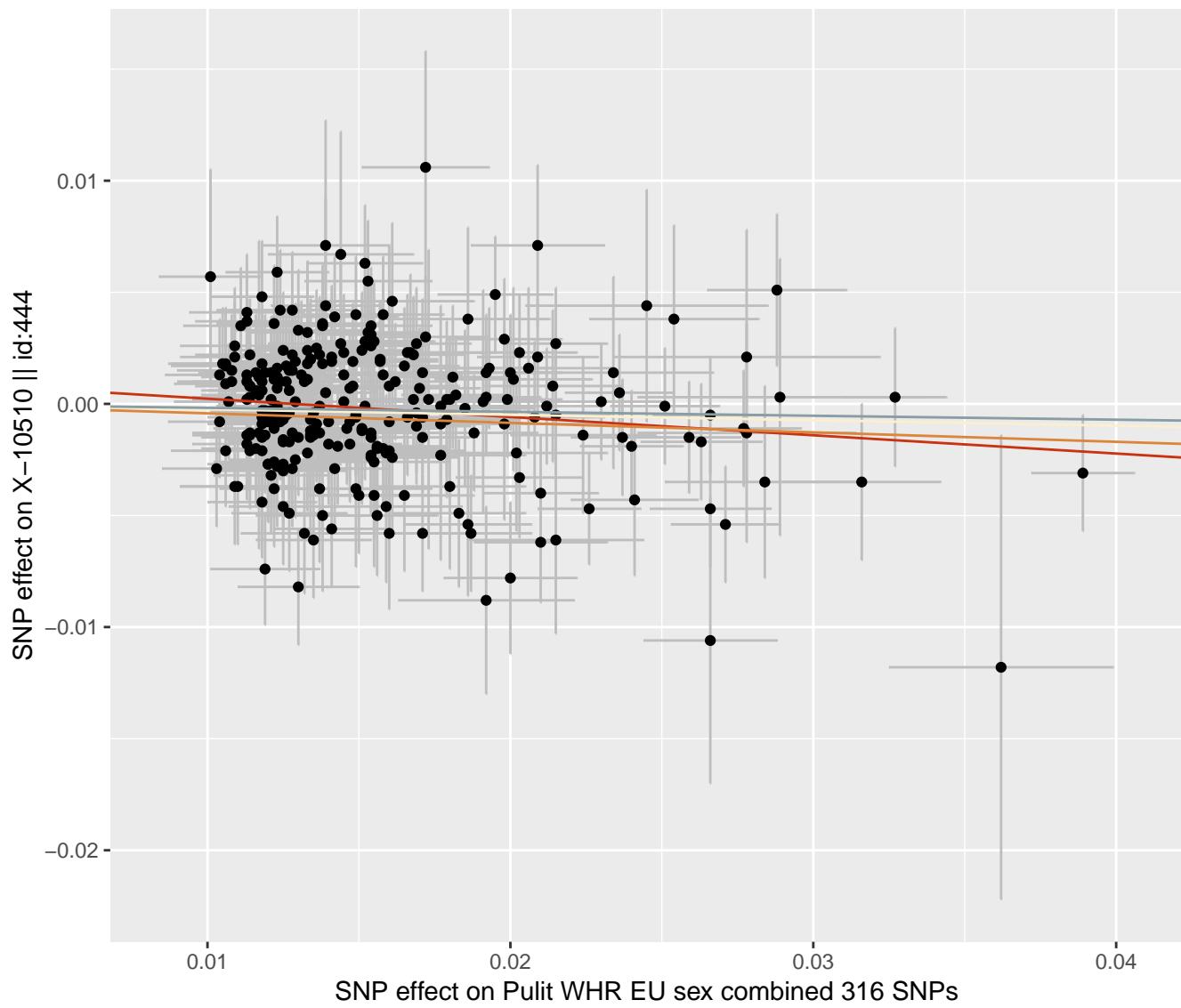
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on 1-linoleoylglycerol (1-monolinolein) || id:455

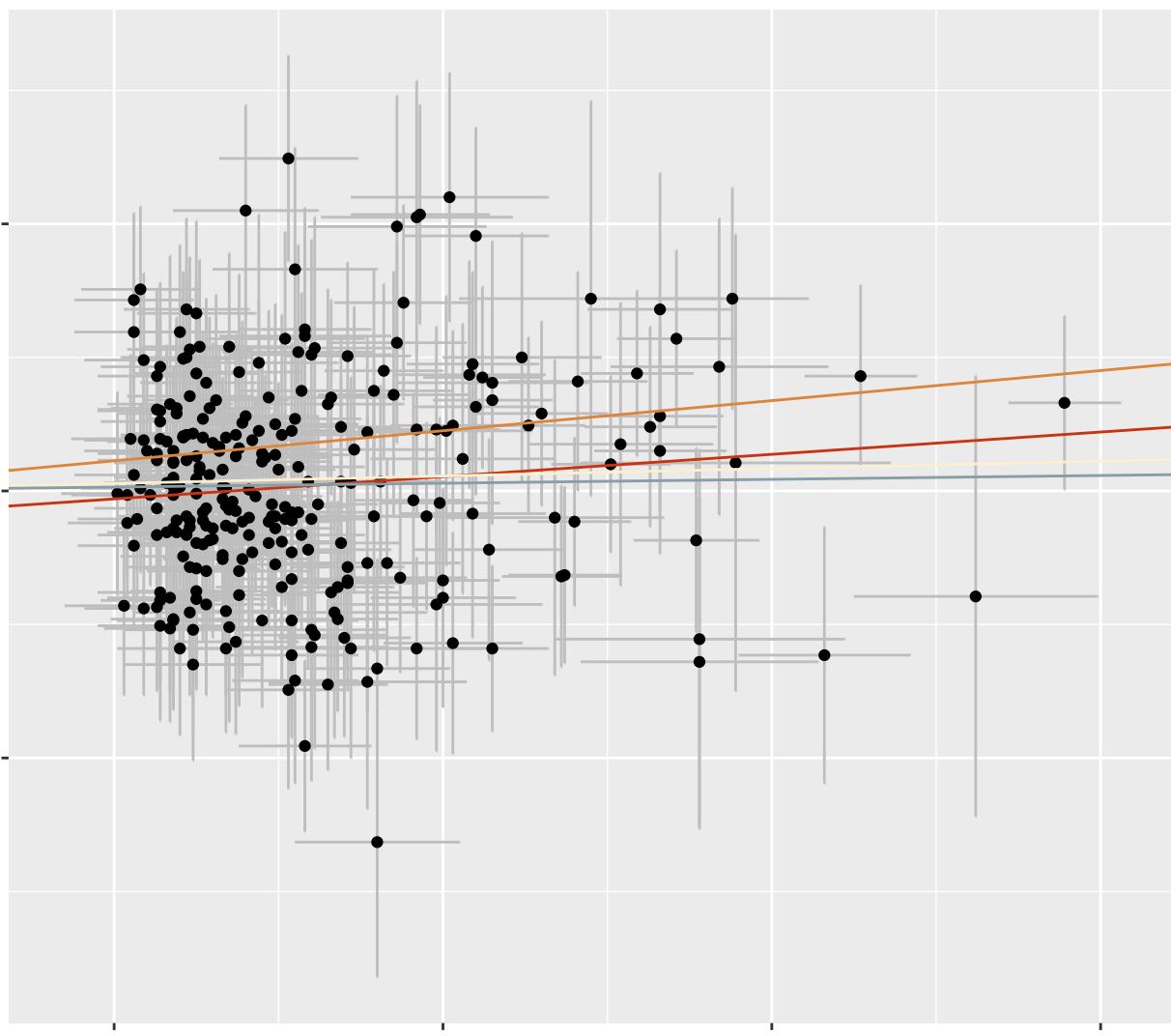
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



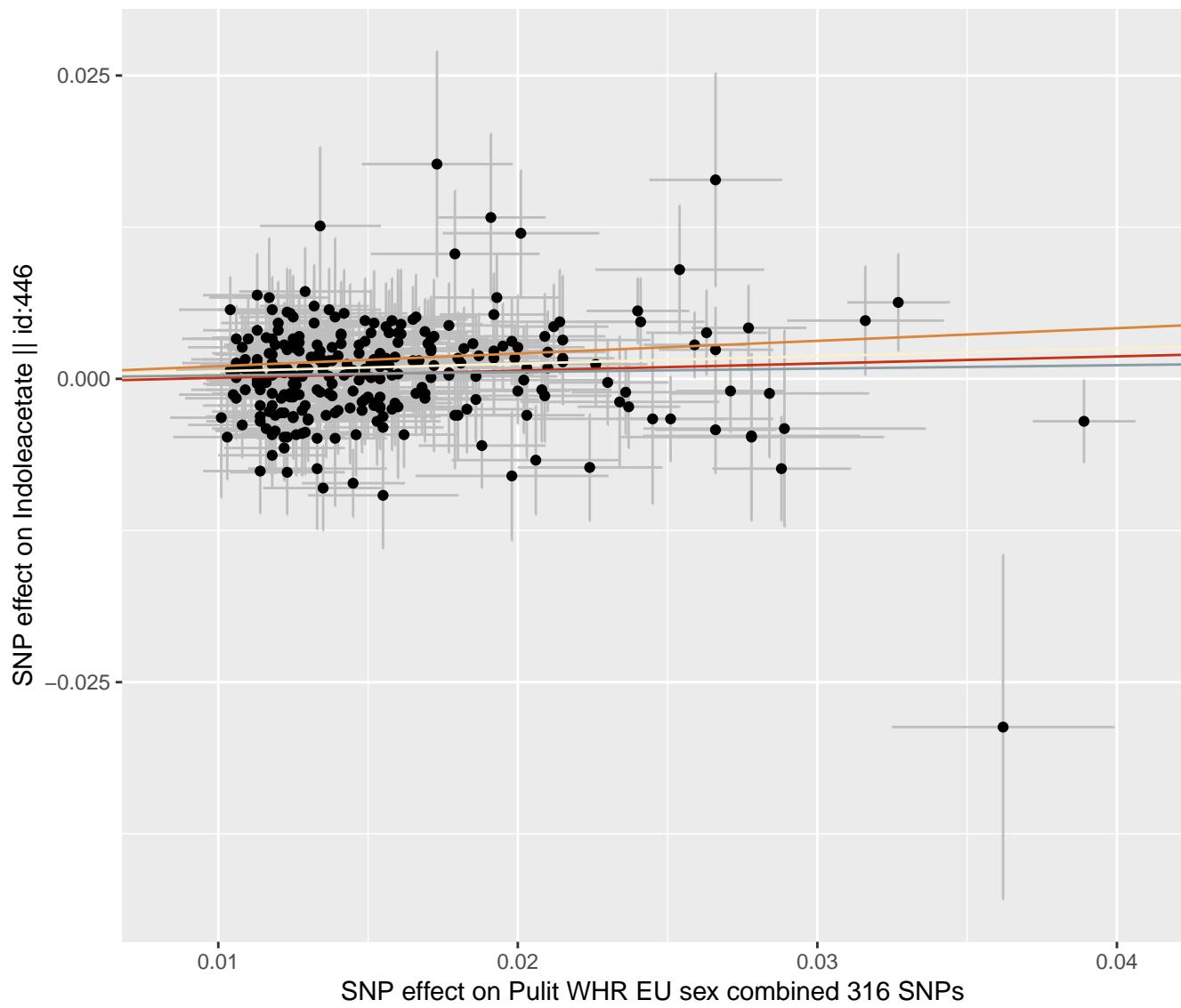
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



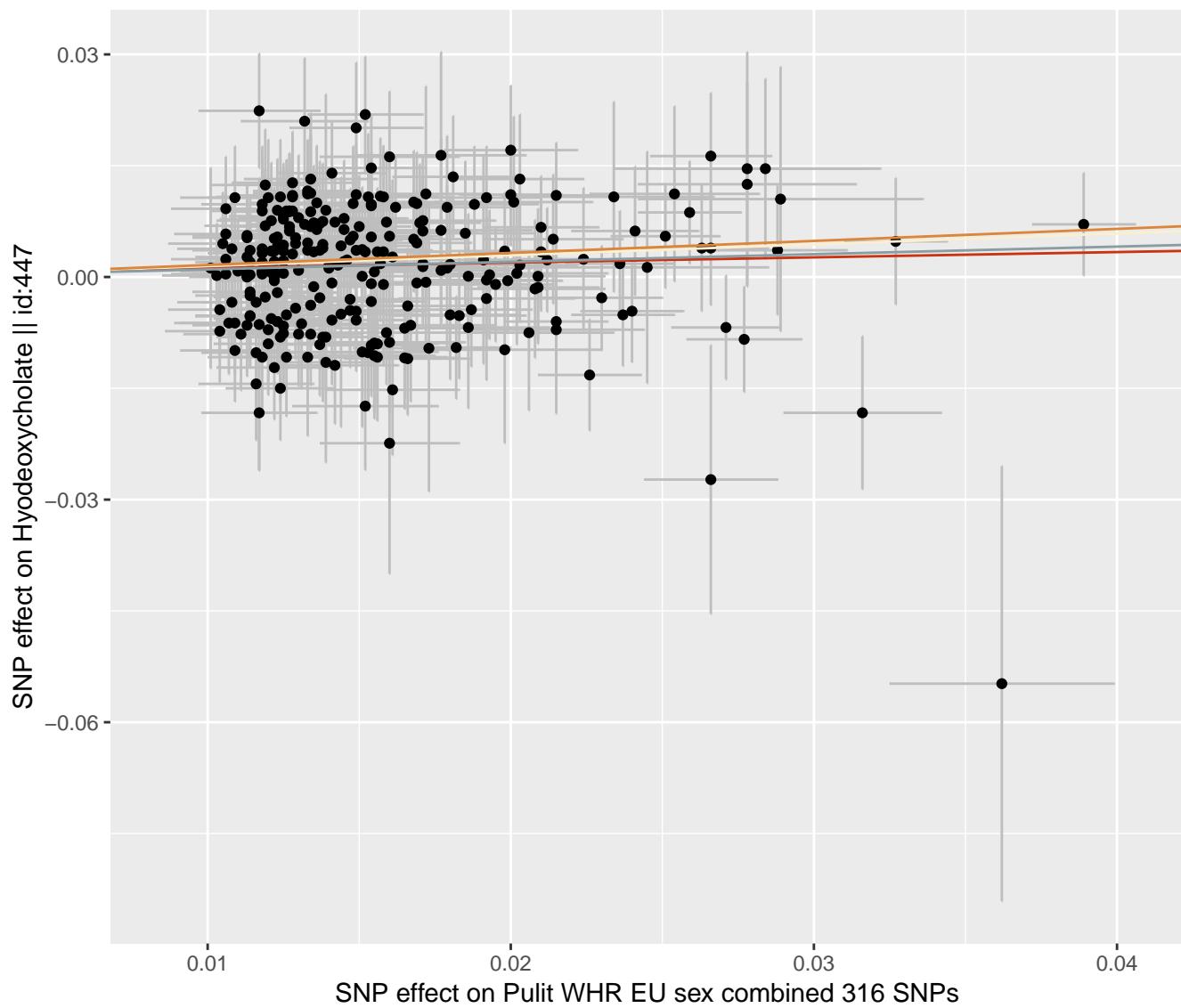
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on 3-indoxyl sulfate || id:448

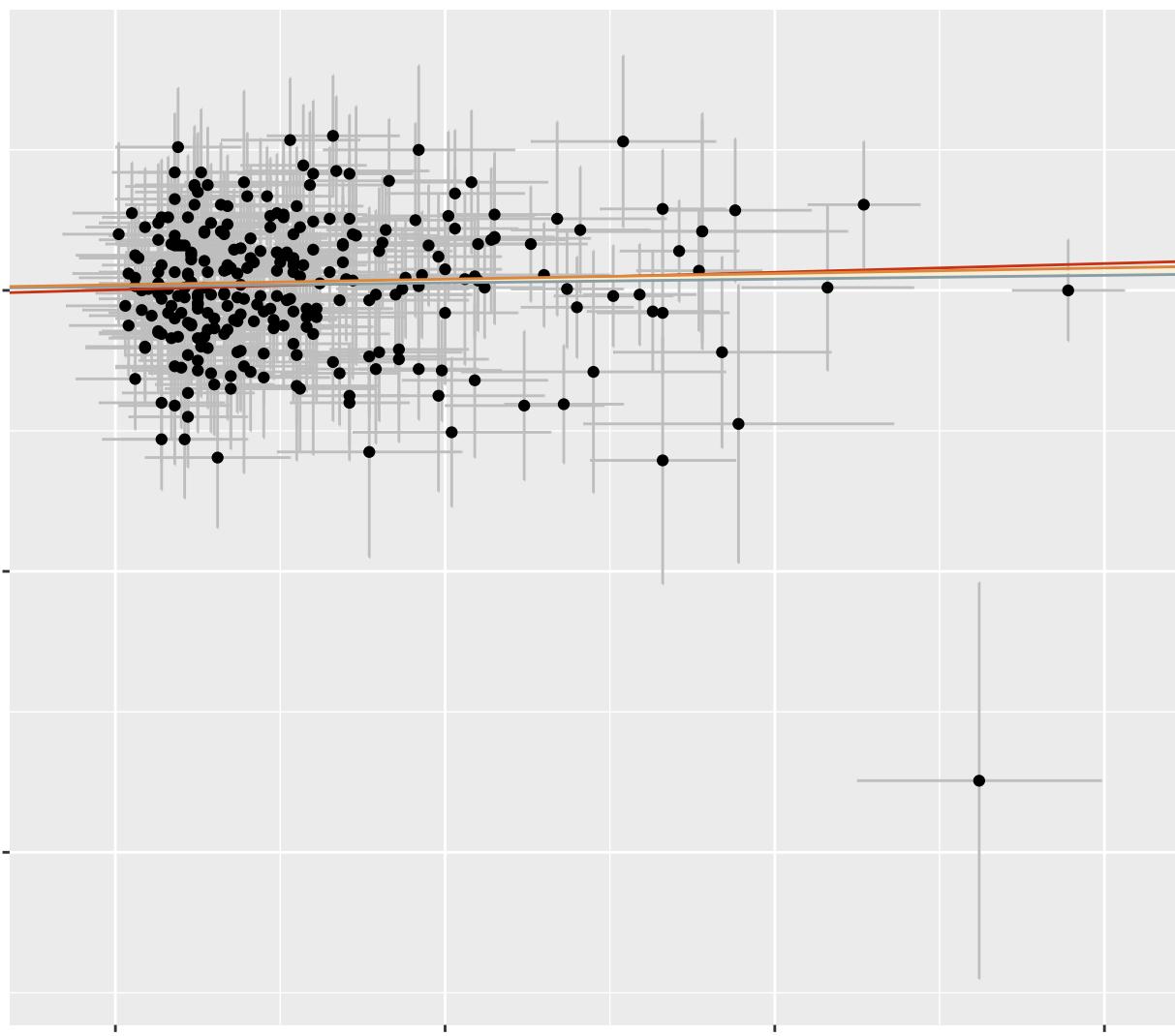
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



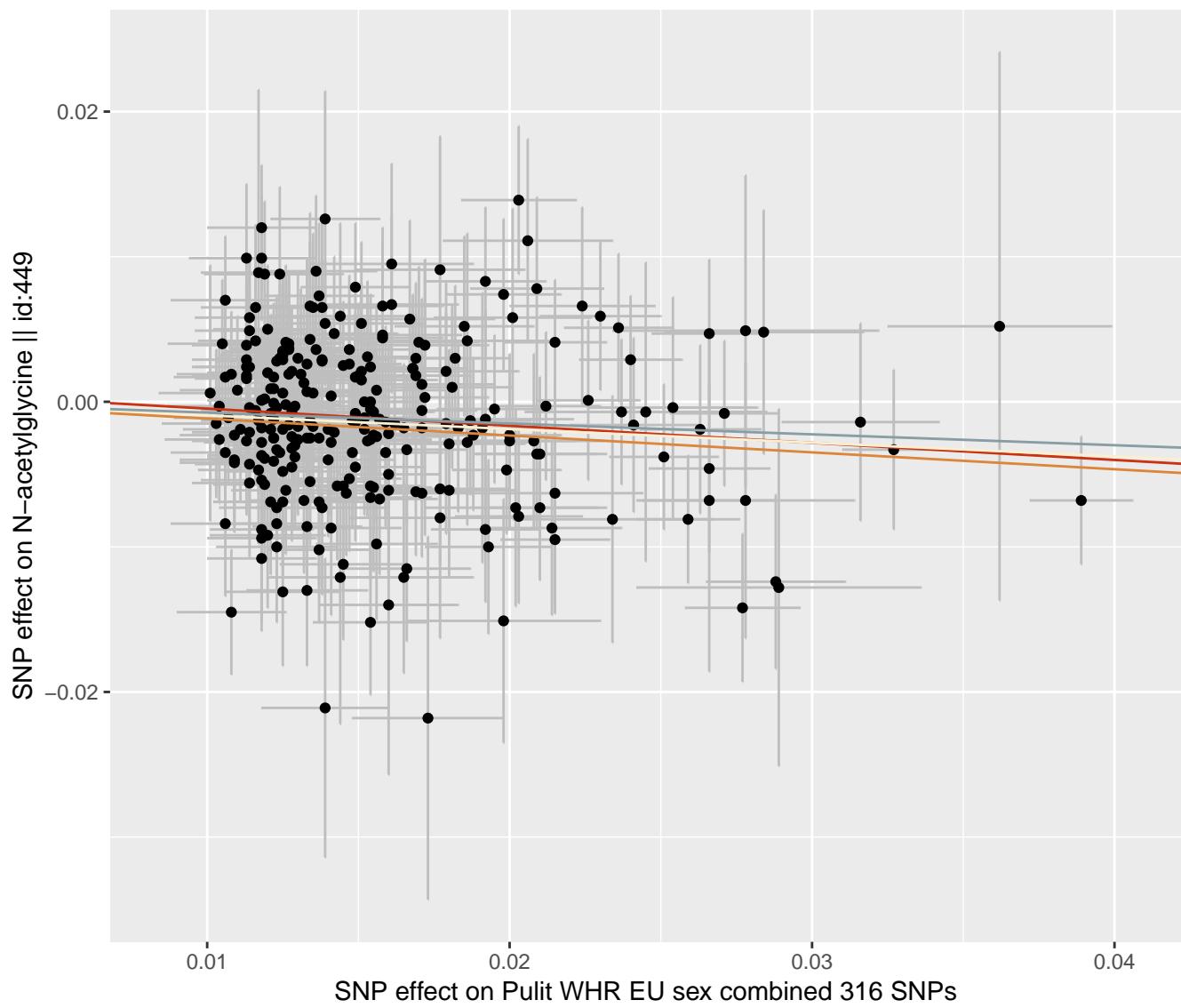
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



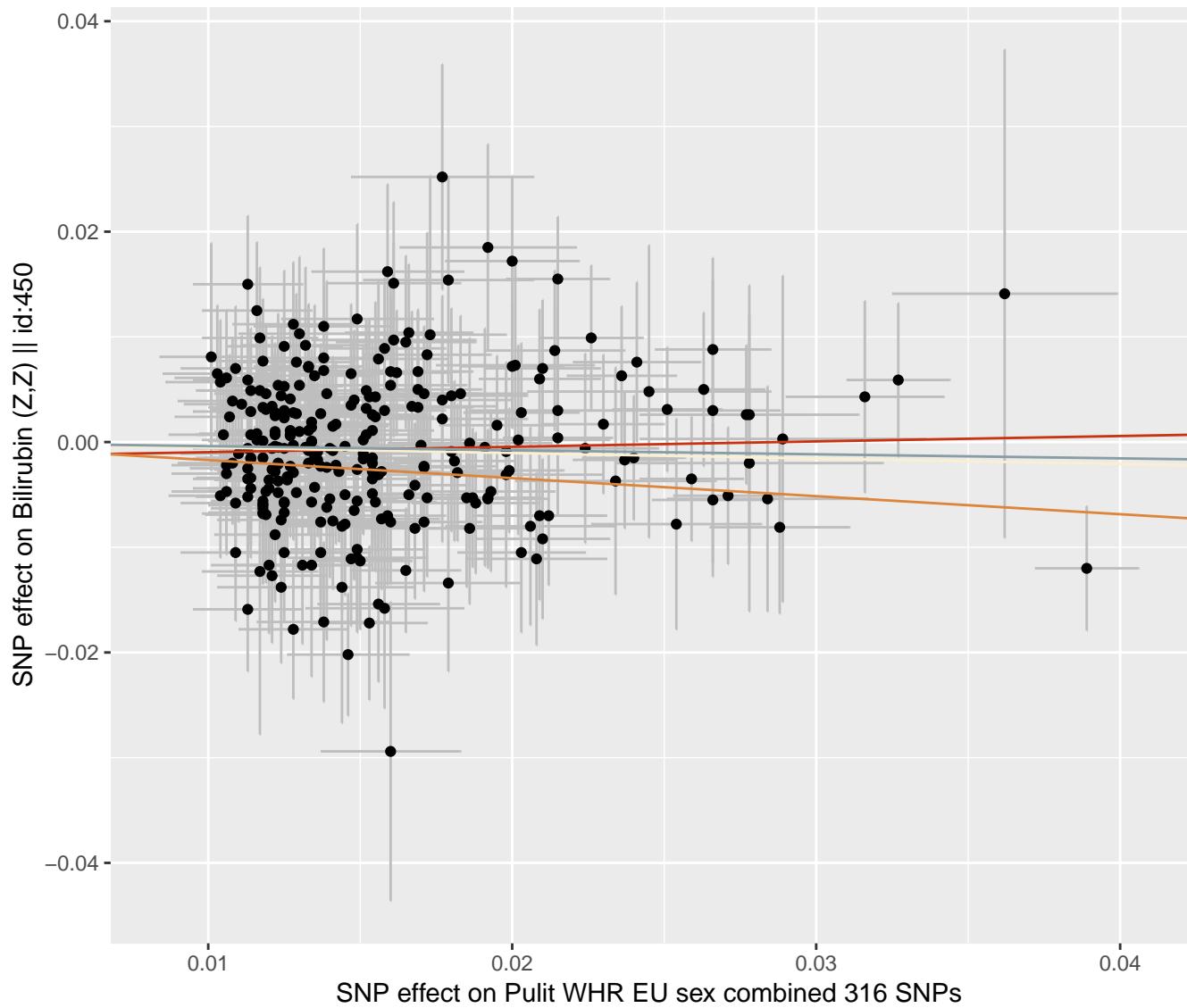
MR Egger



Weighted median

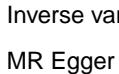


Weighted mode



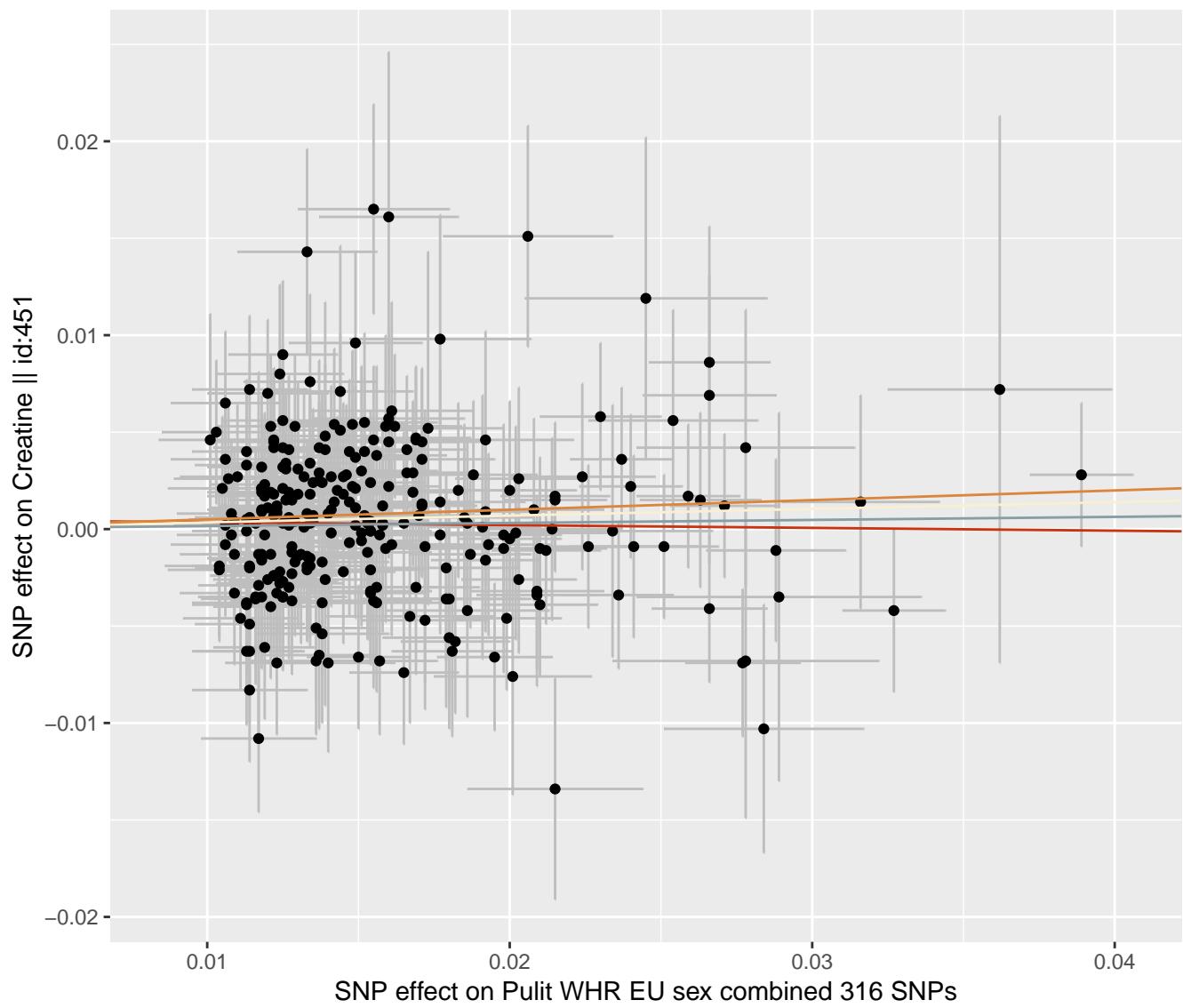
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



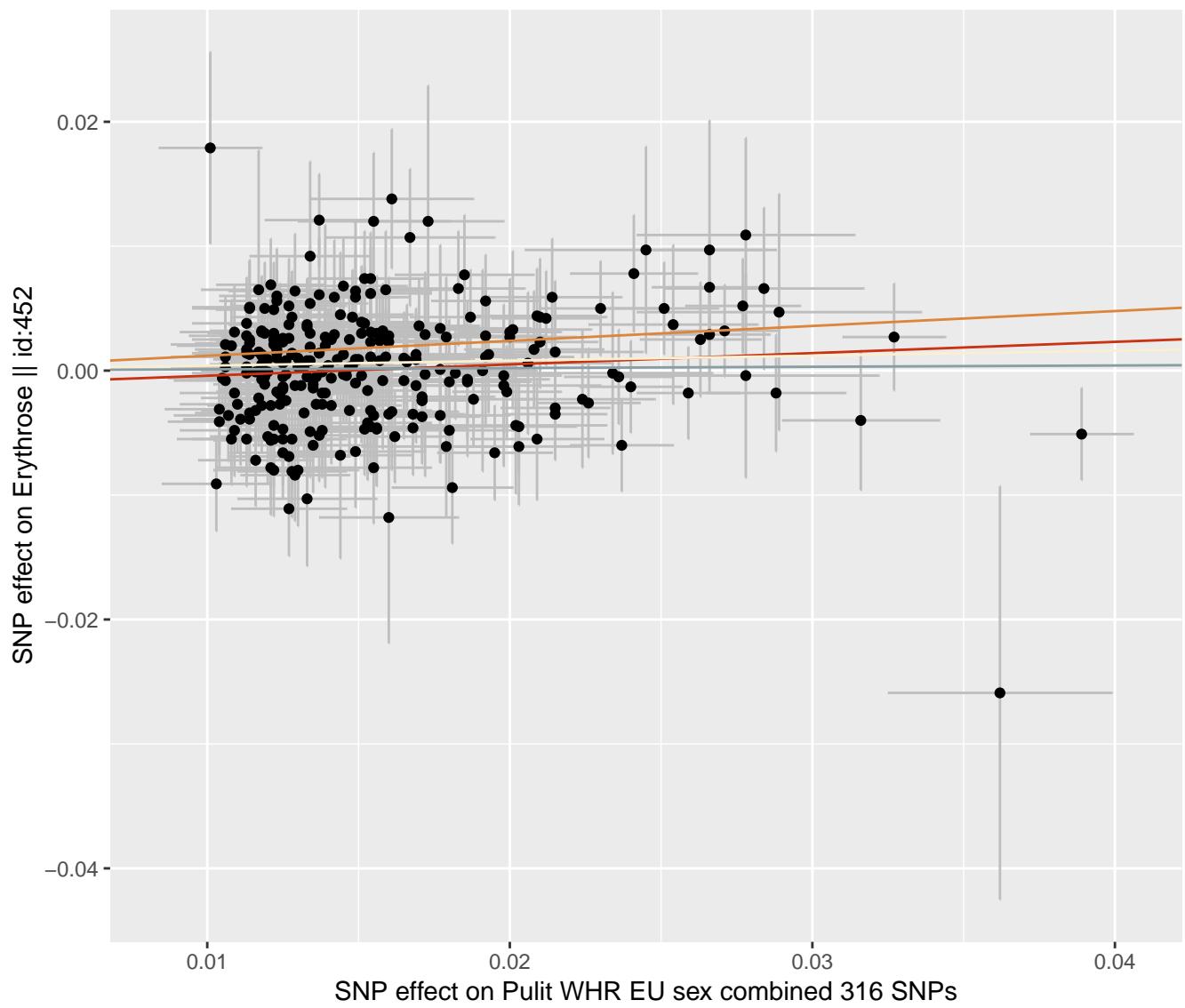
MR Egger



Weighted median



Weighted mode



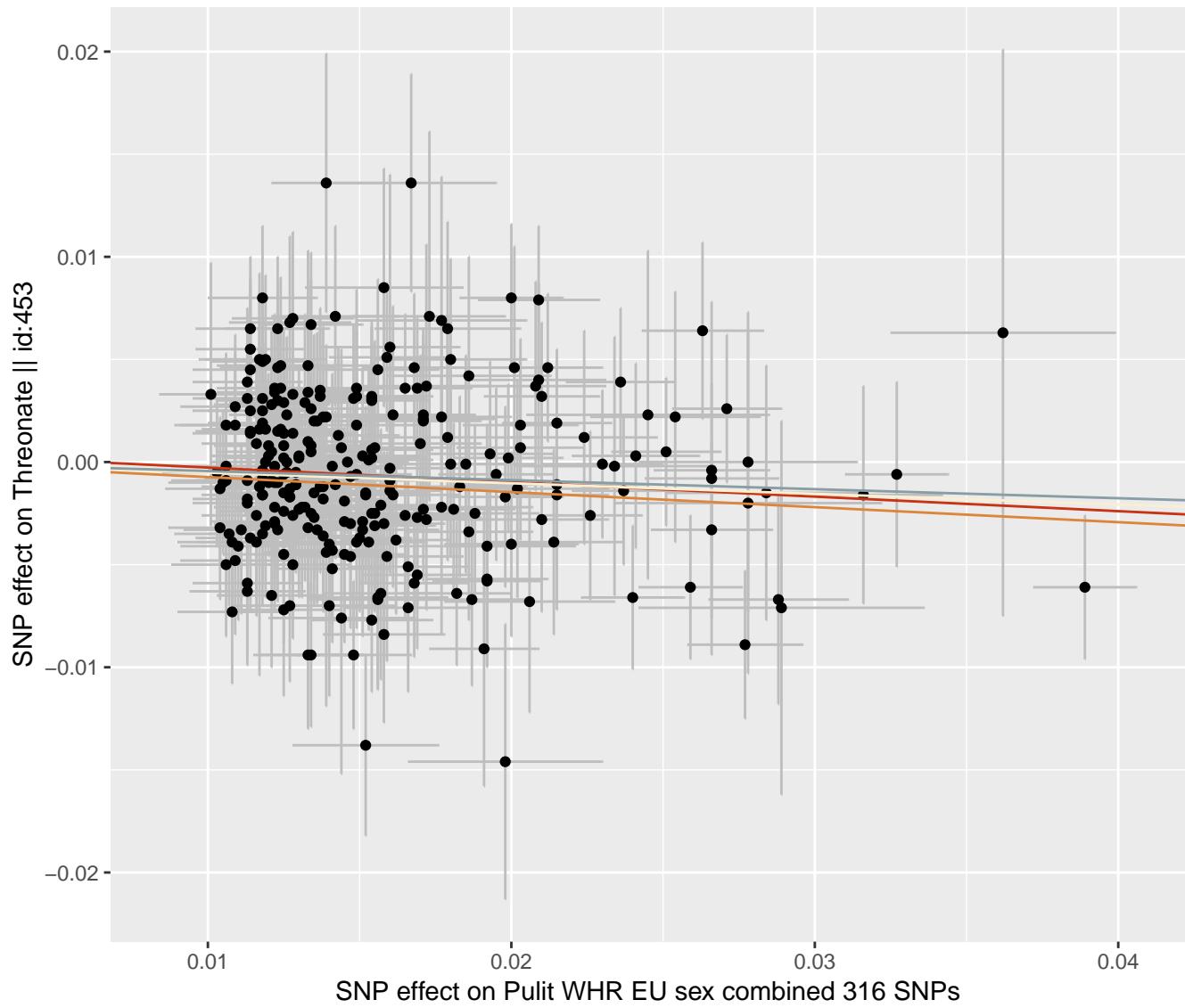
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



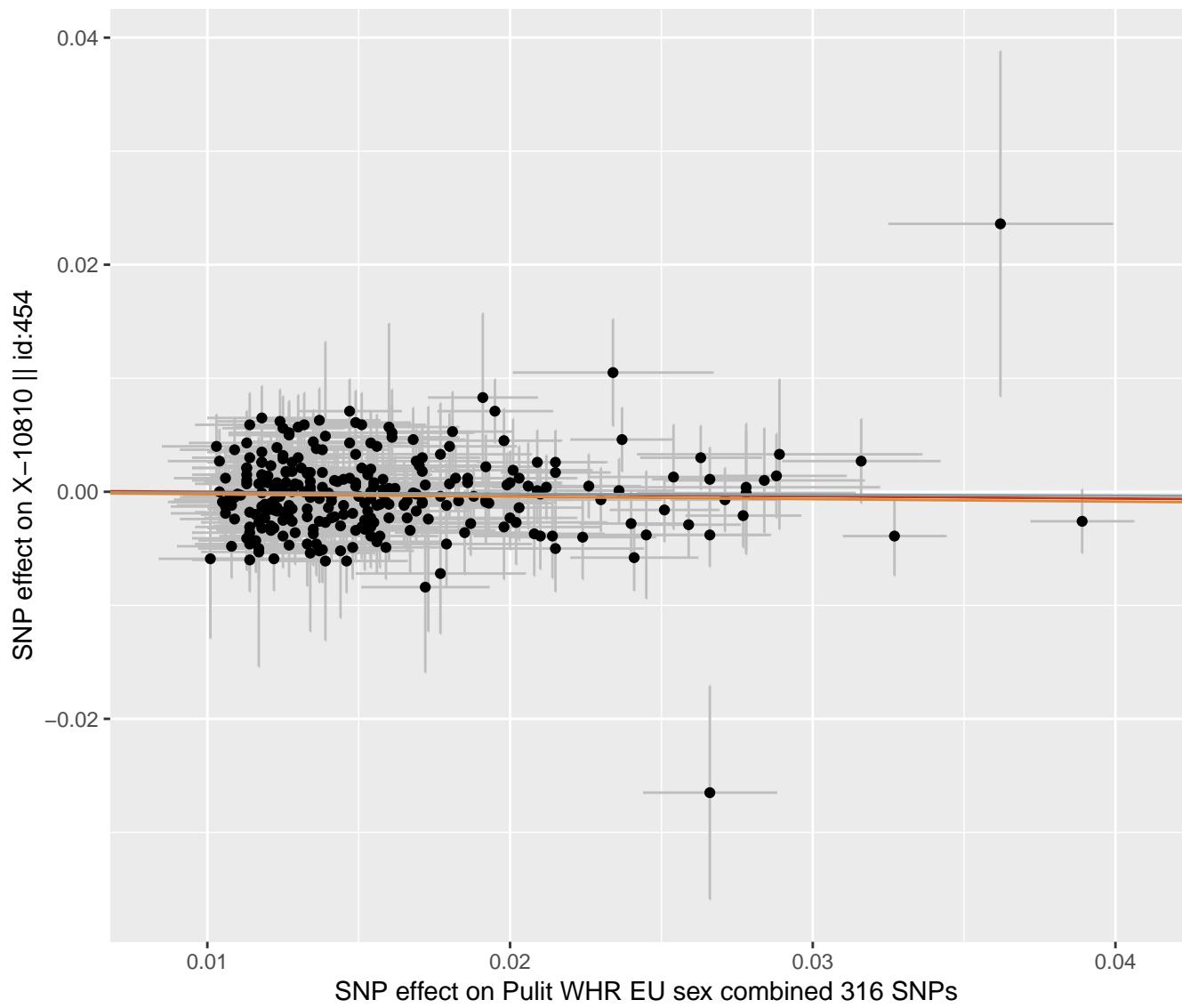
MR Test

Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

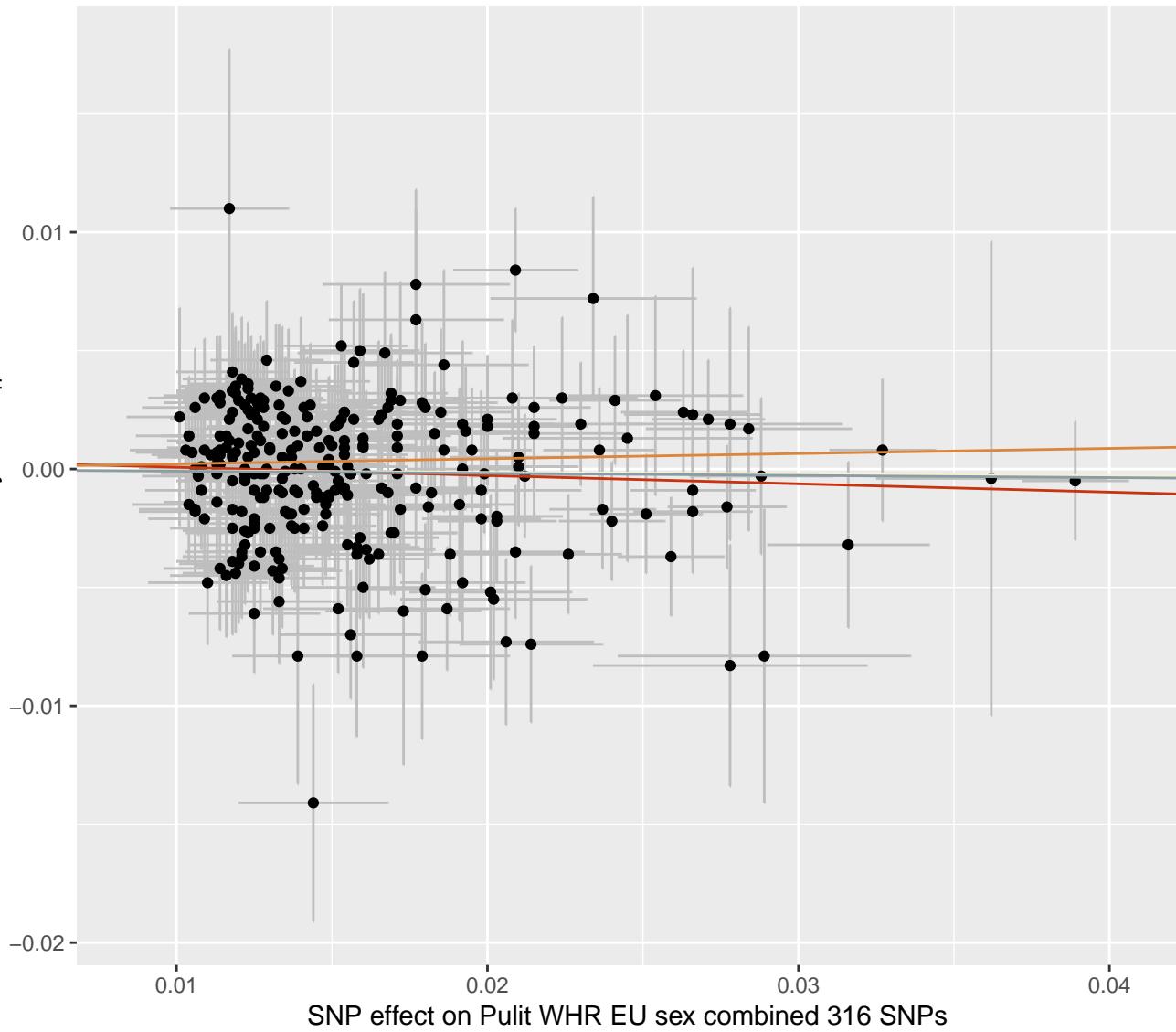


Weighted median



Weighted mode

SNP effect on Cysteine || id:455



MR Test



Inverse variance weighted (multiplicative random effects)



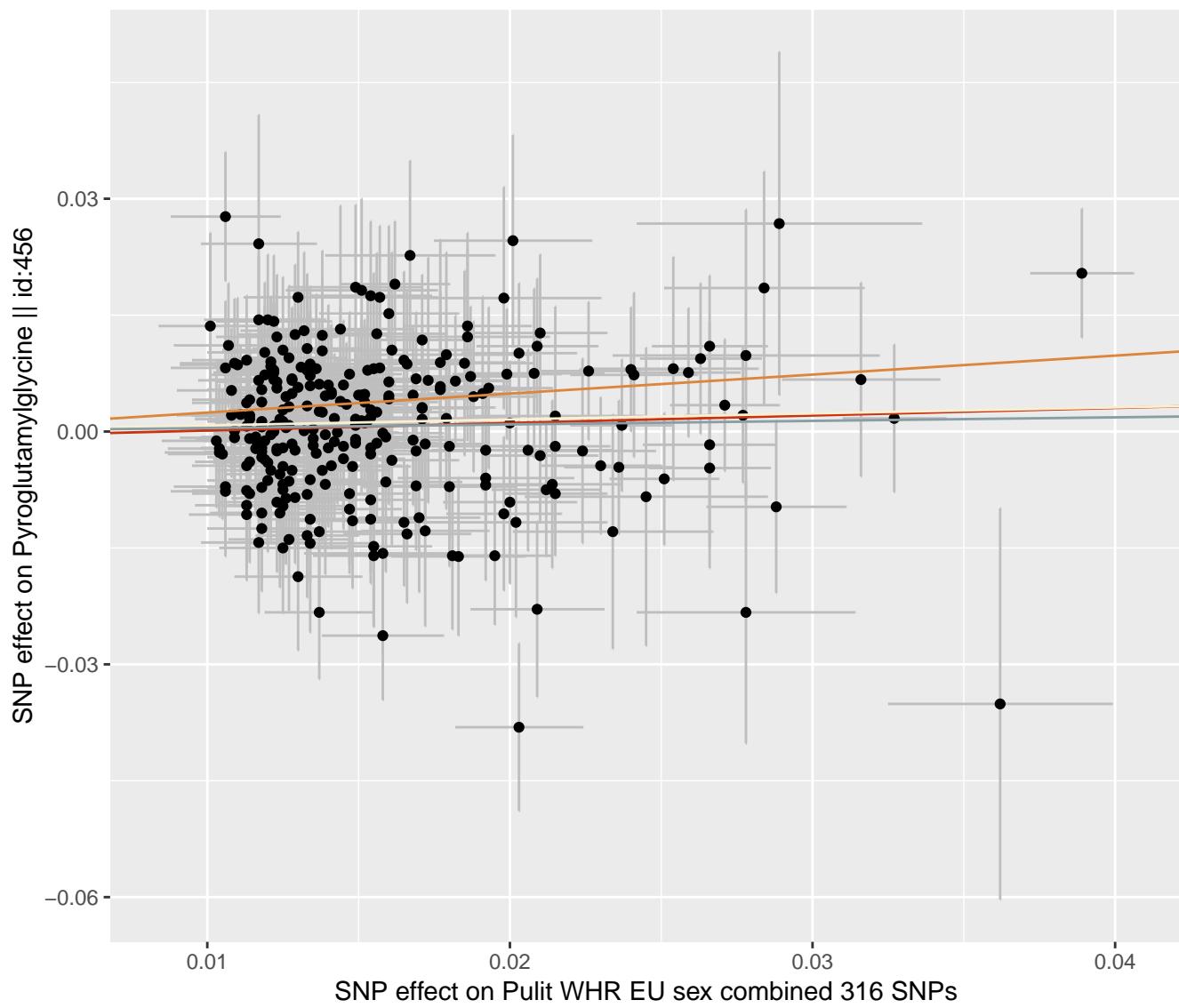
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



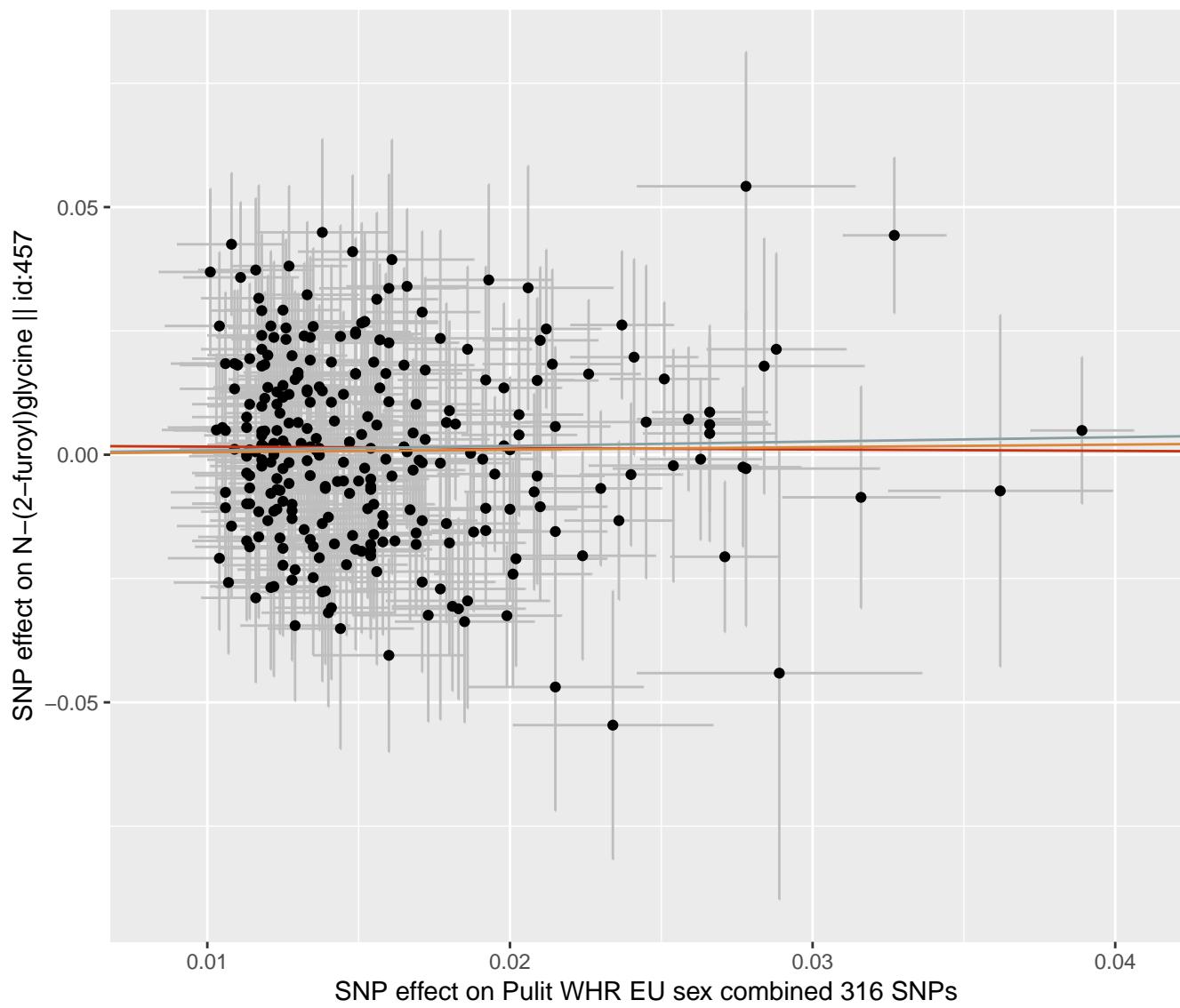
MR Egger



Weighted median



Weighted mode



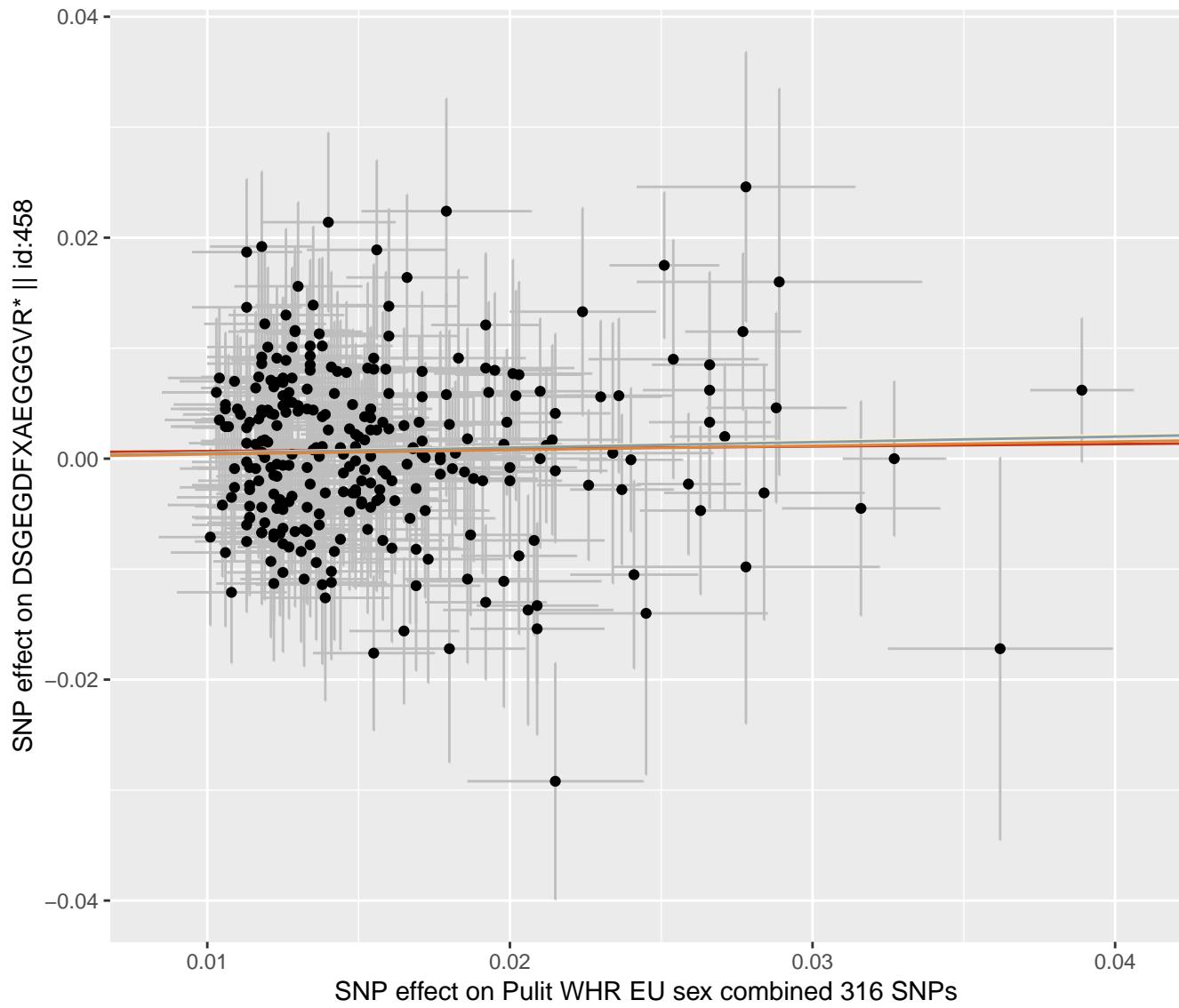
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



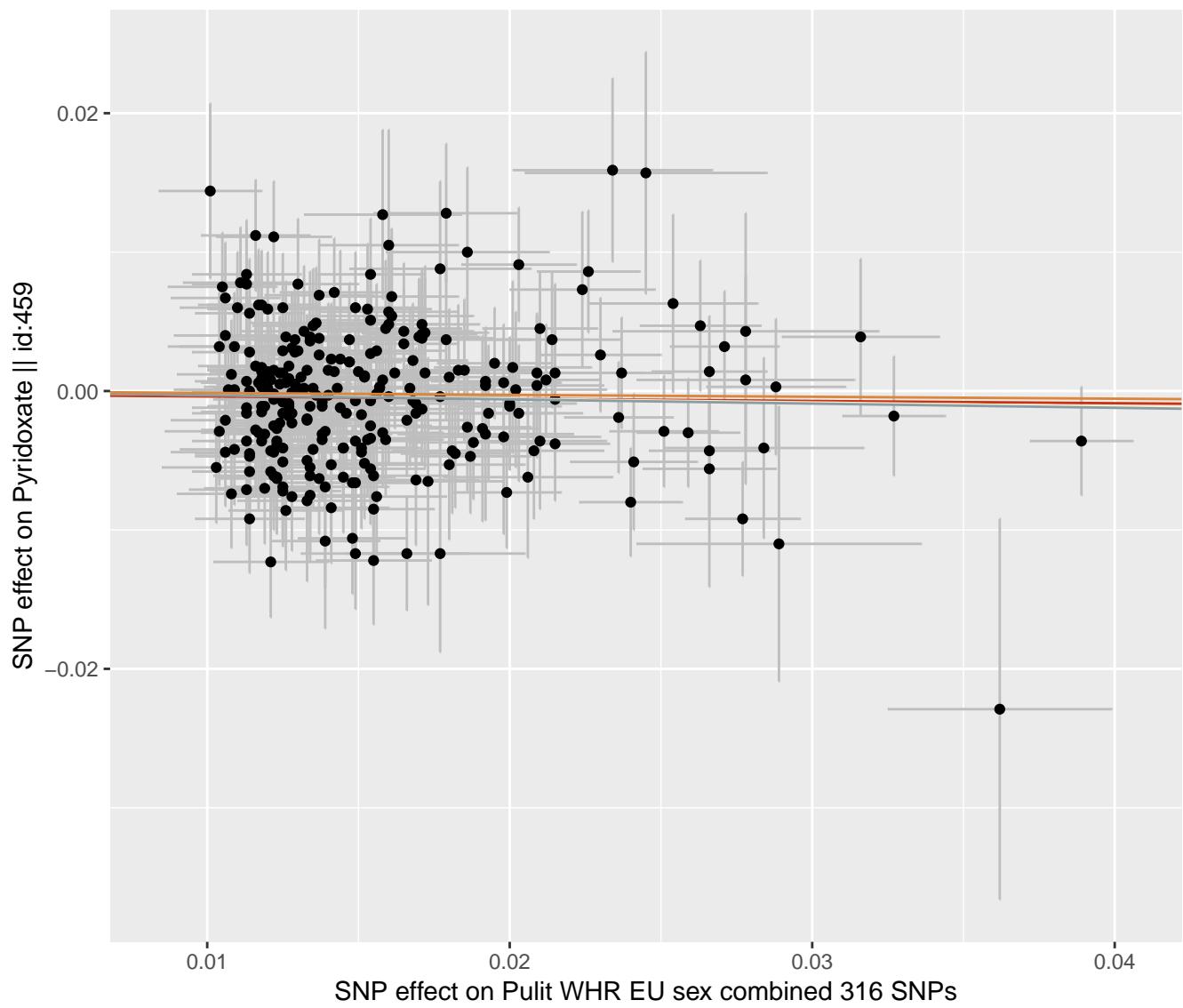
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



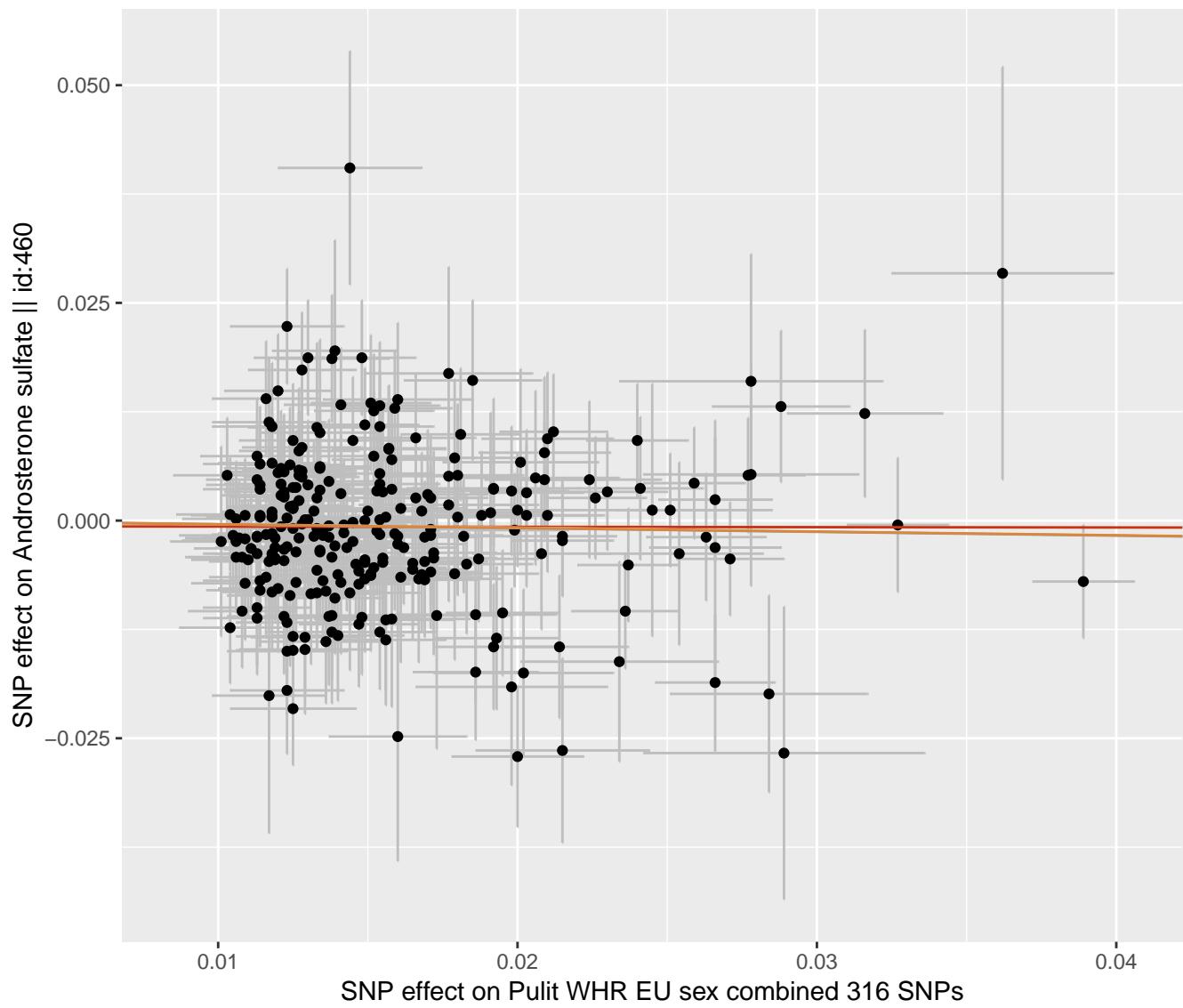
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



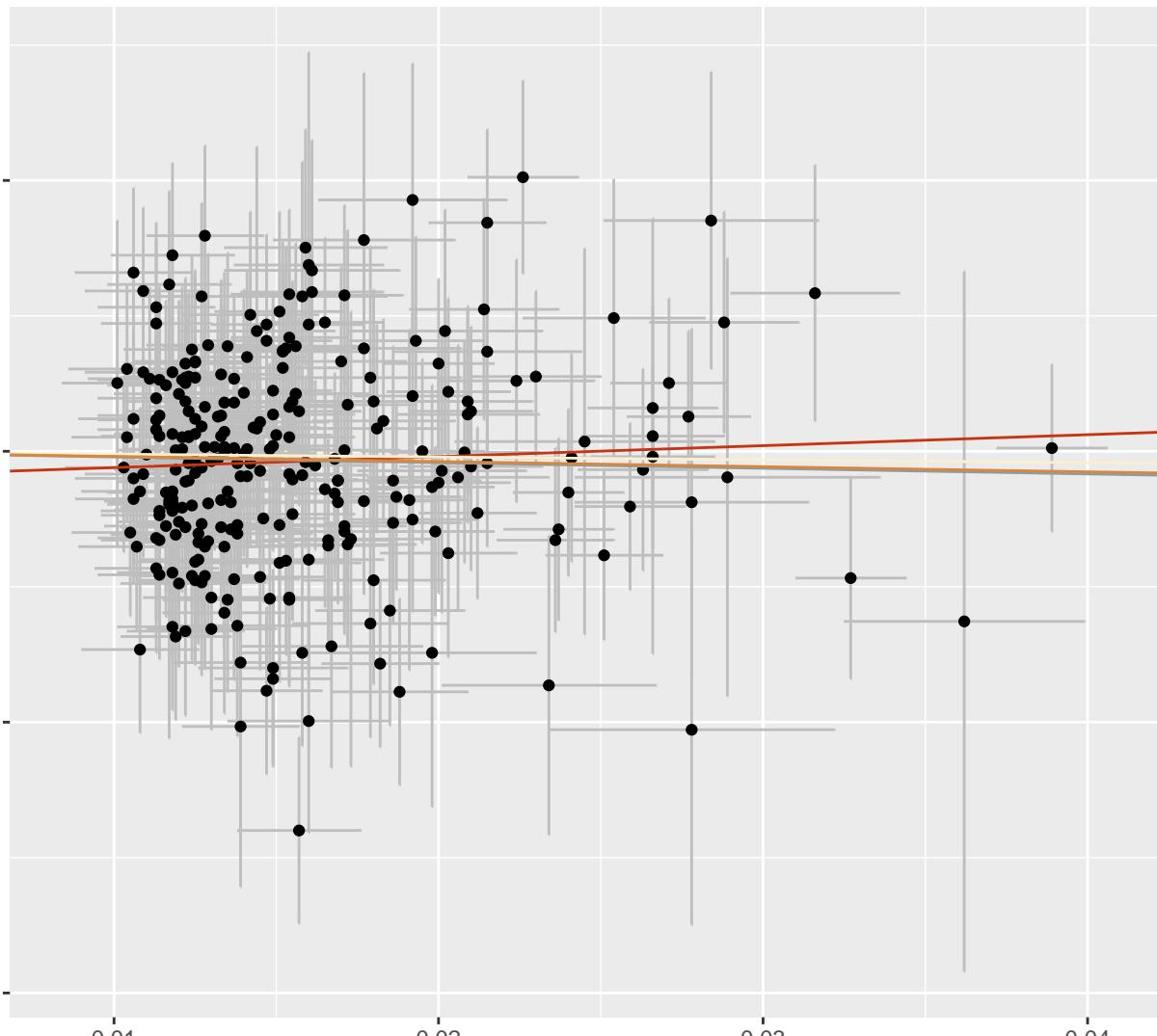
Weighted median



Weighted mode

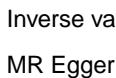
SNP effect on 3-carboxy-4-methyl-5-propyl-2-furanpropanoate (CMPF) || id:461

SNP effect on Pullet WHR EU sex combined 316 SNPs



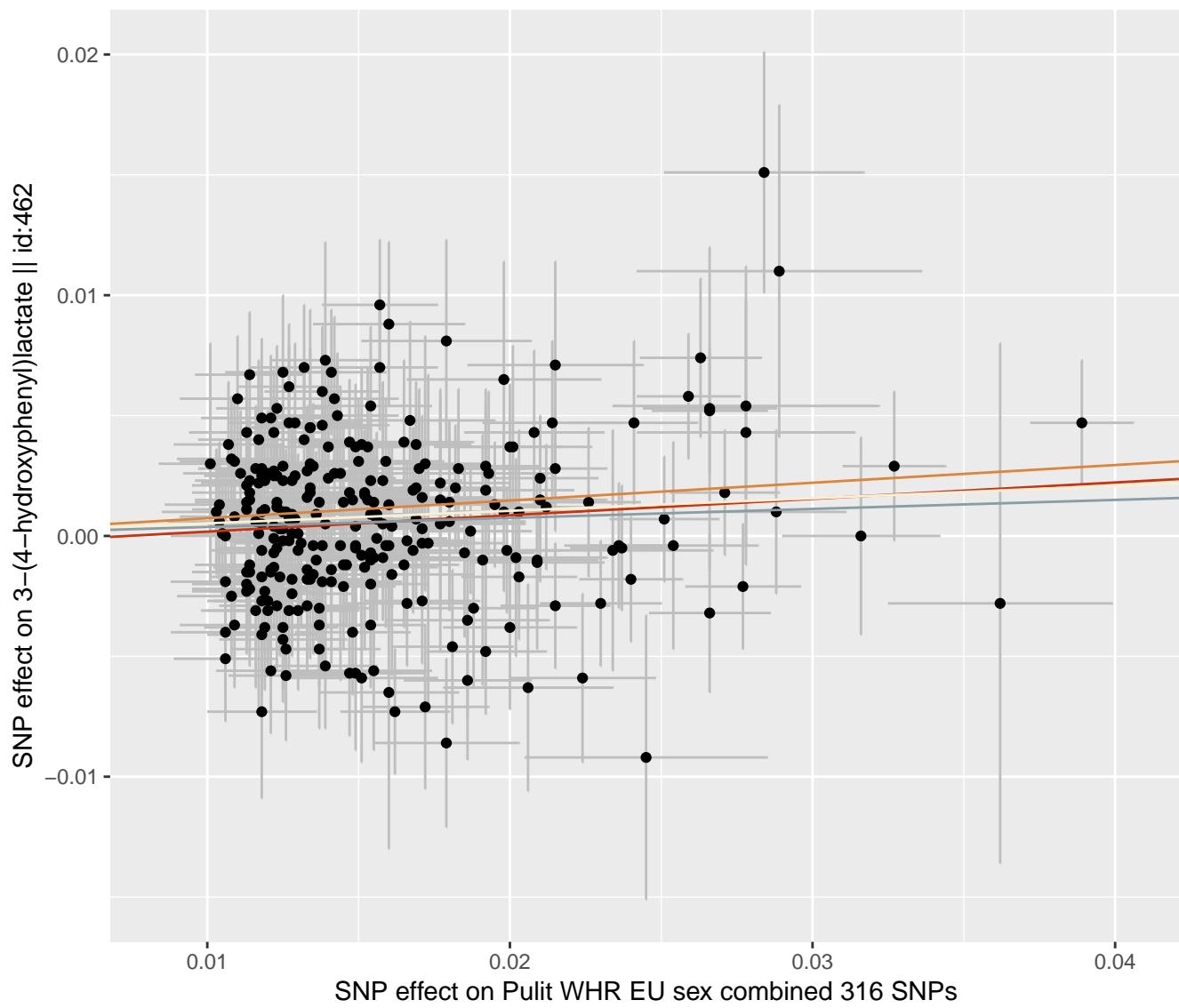
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



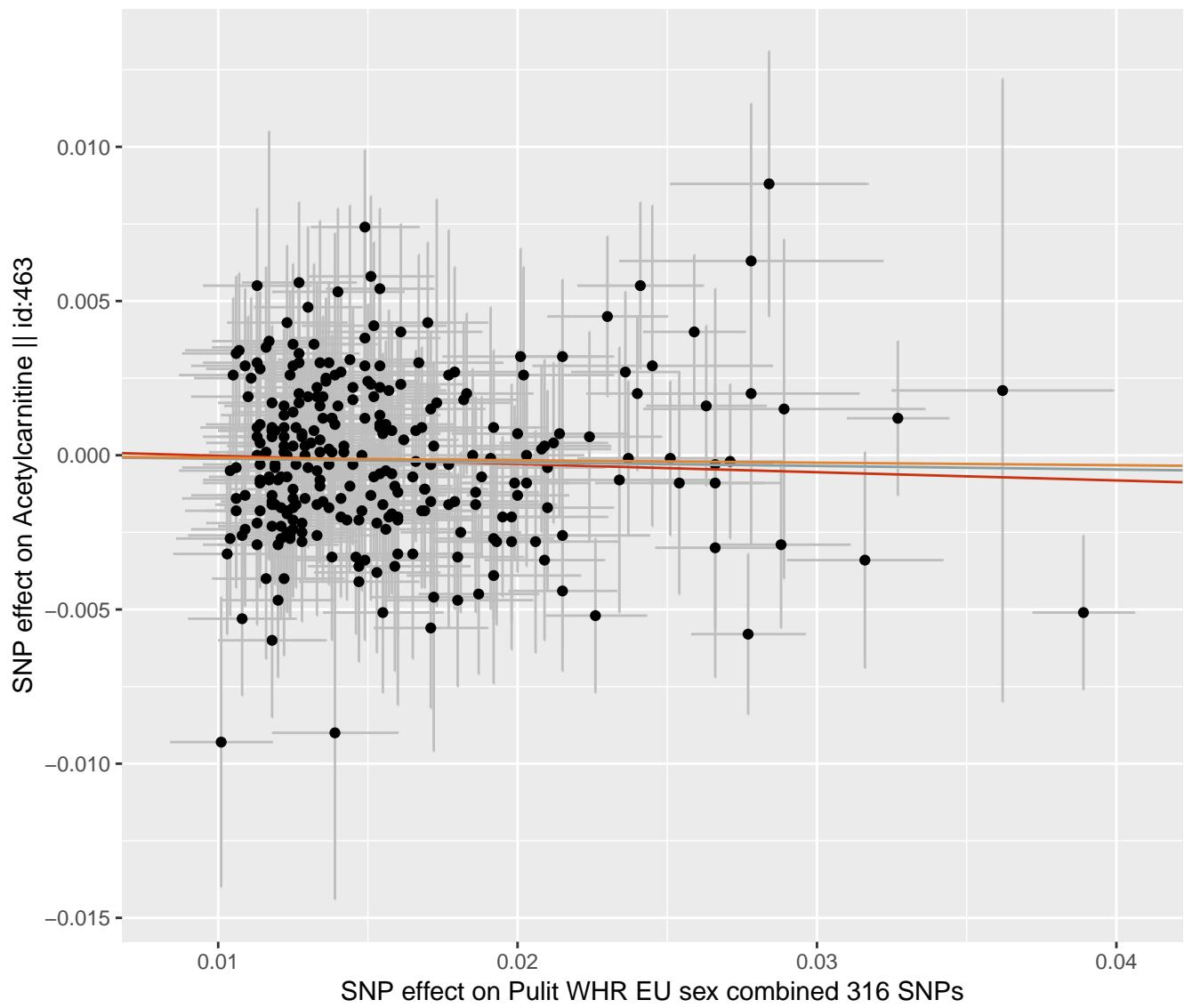
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



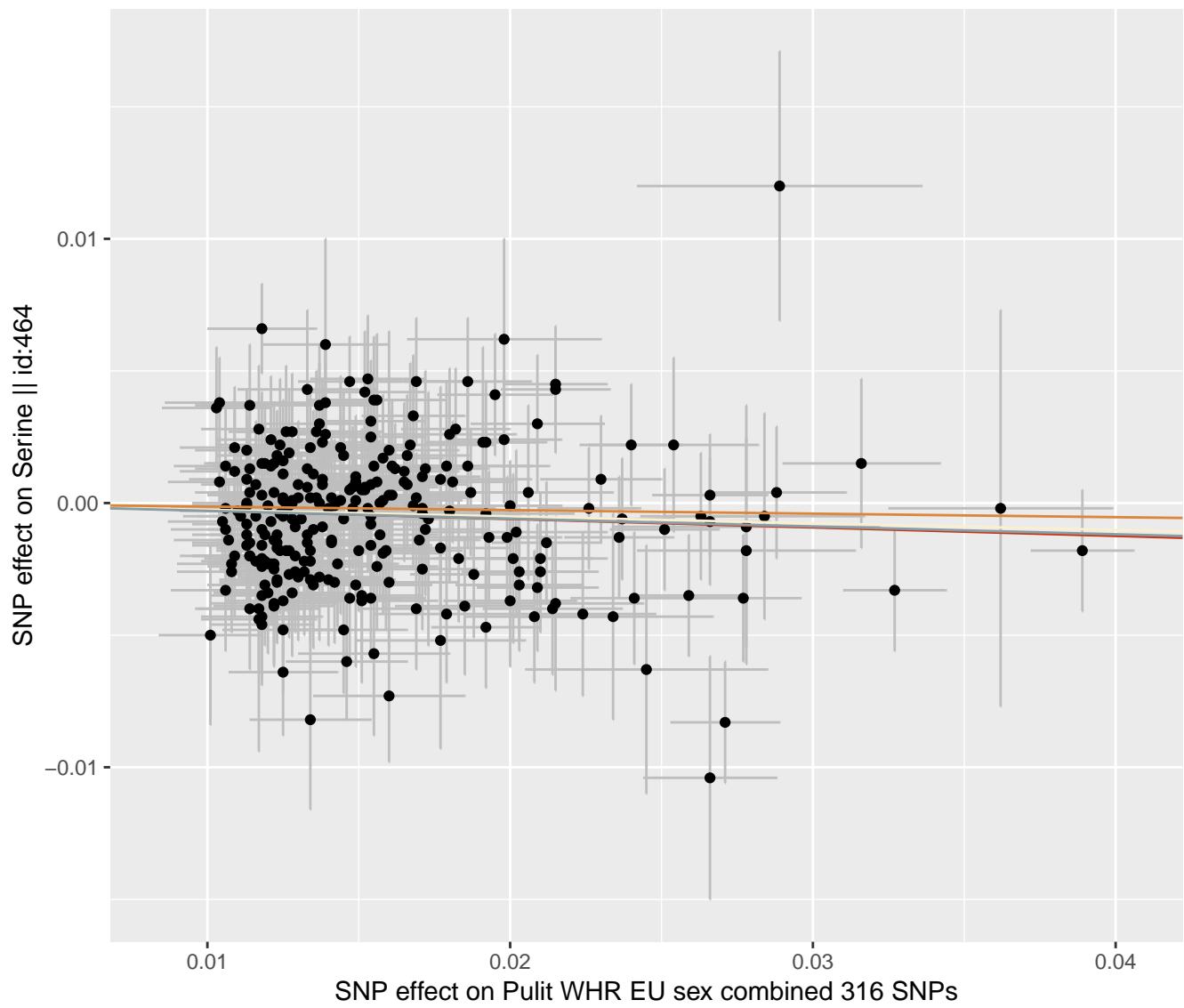
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



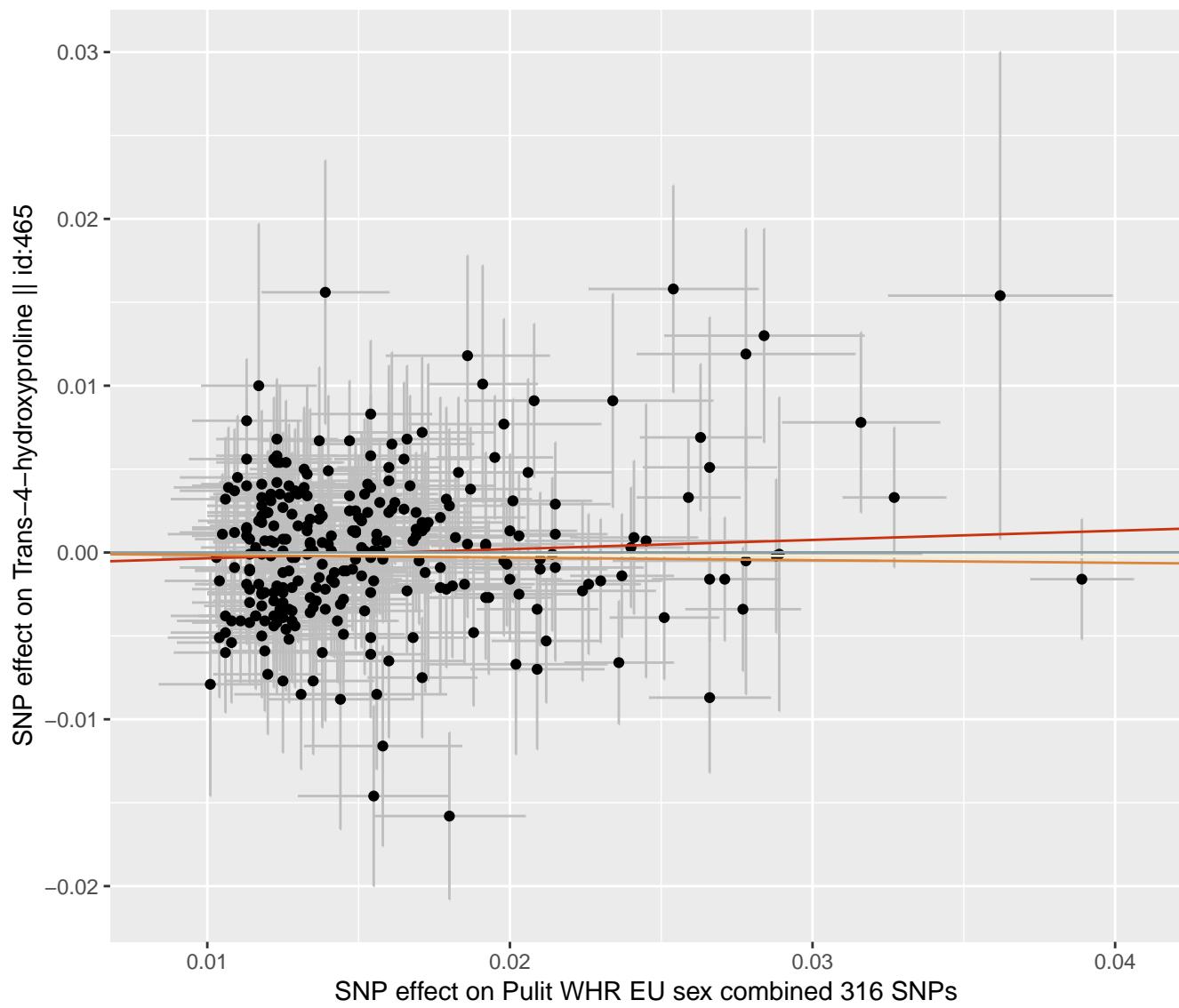
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



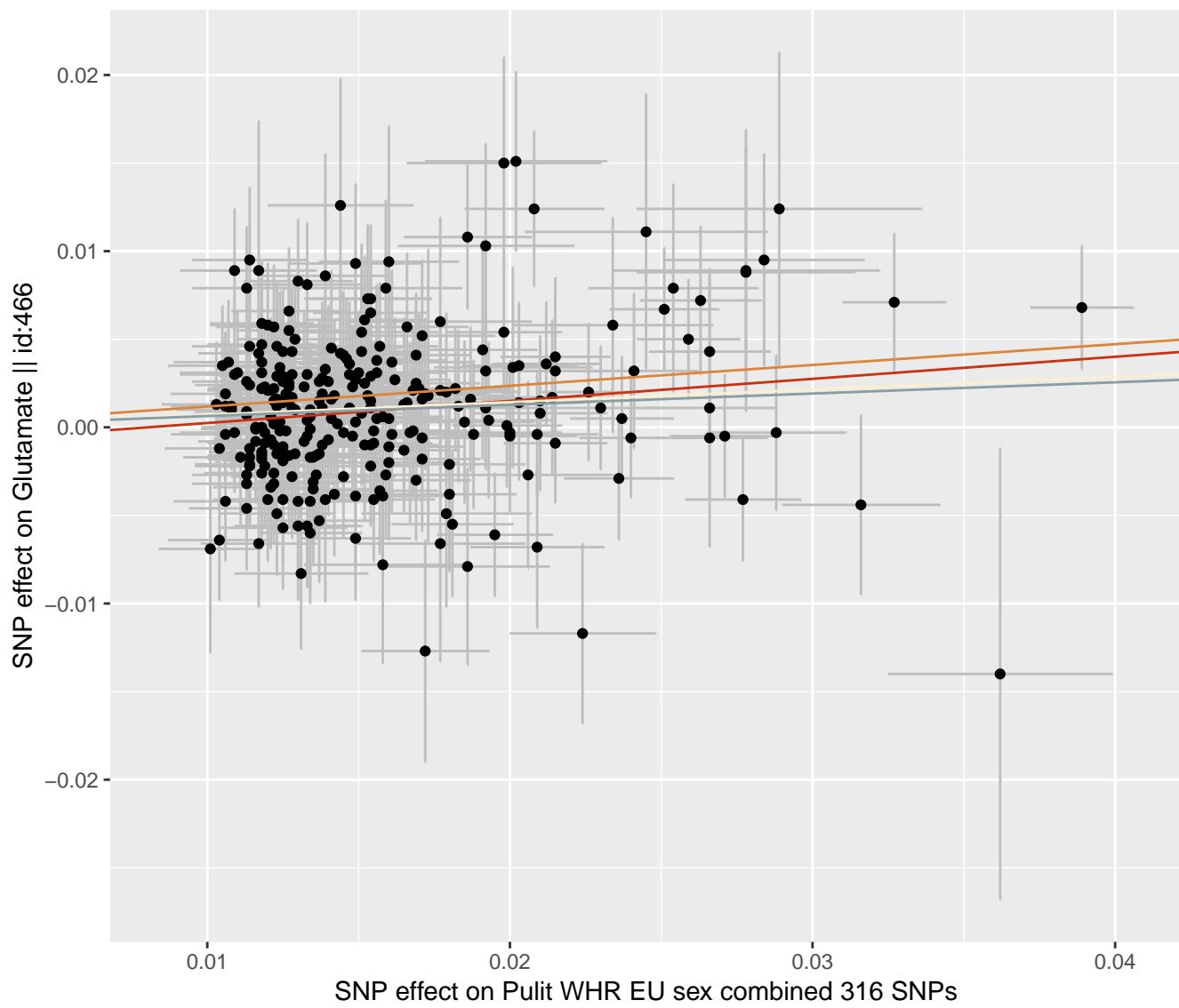
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



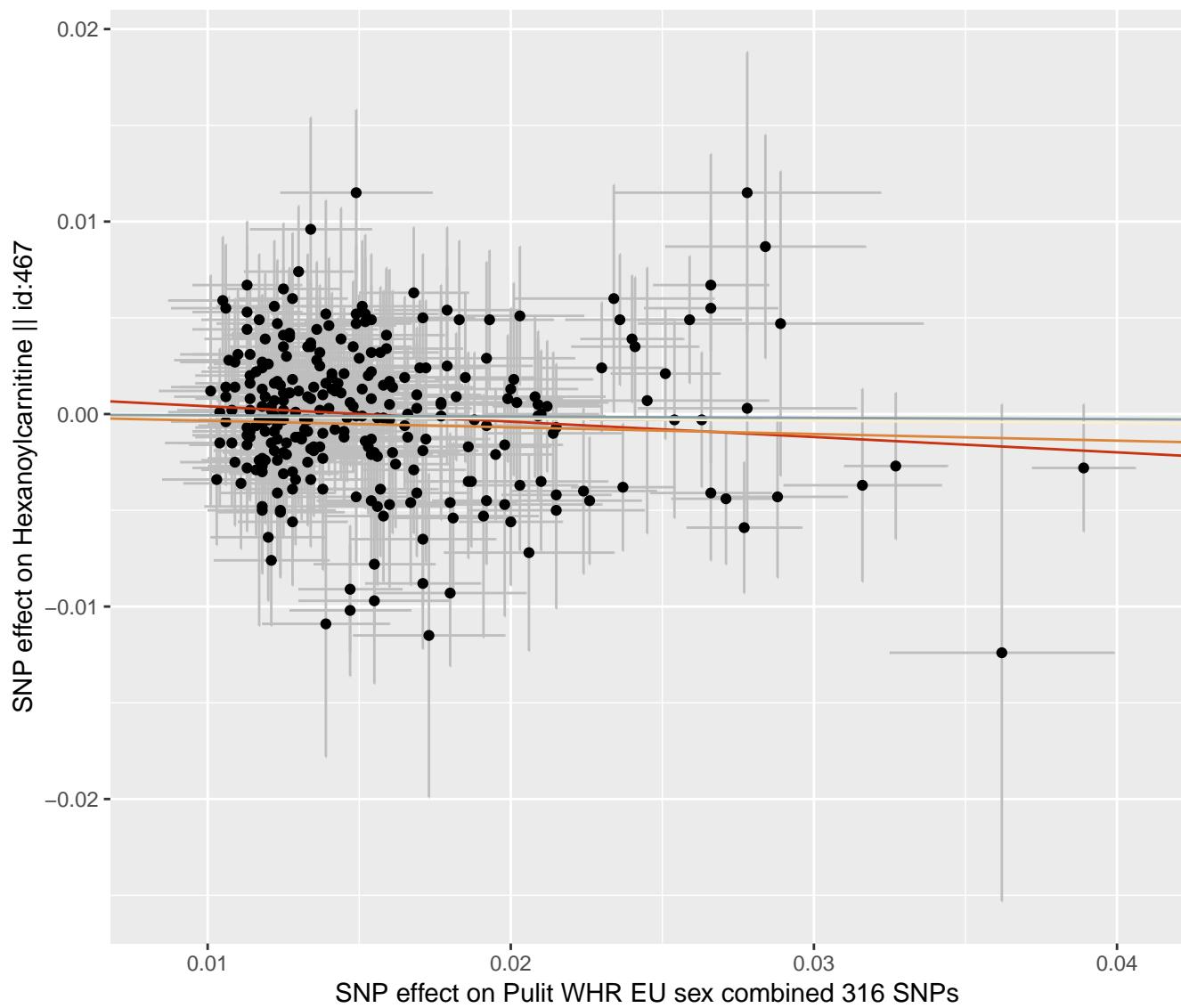
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



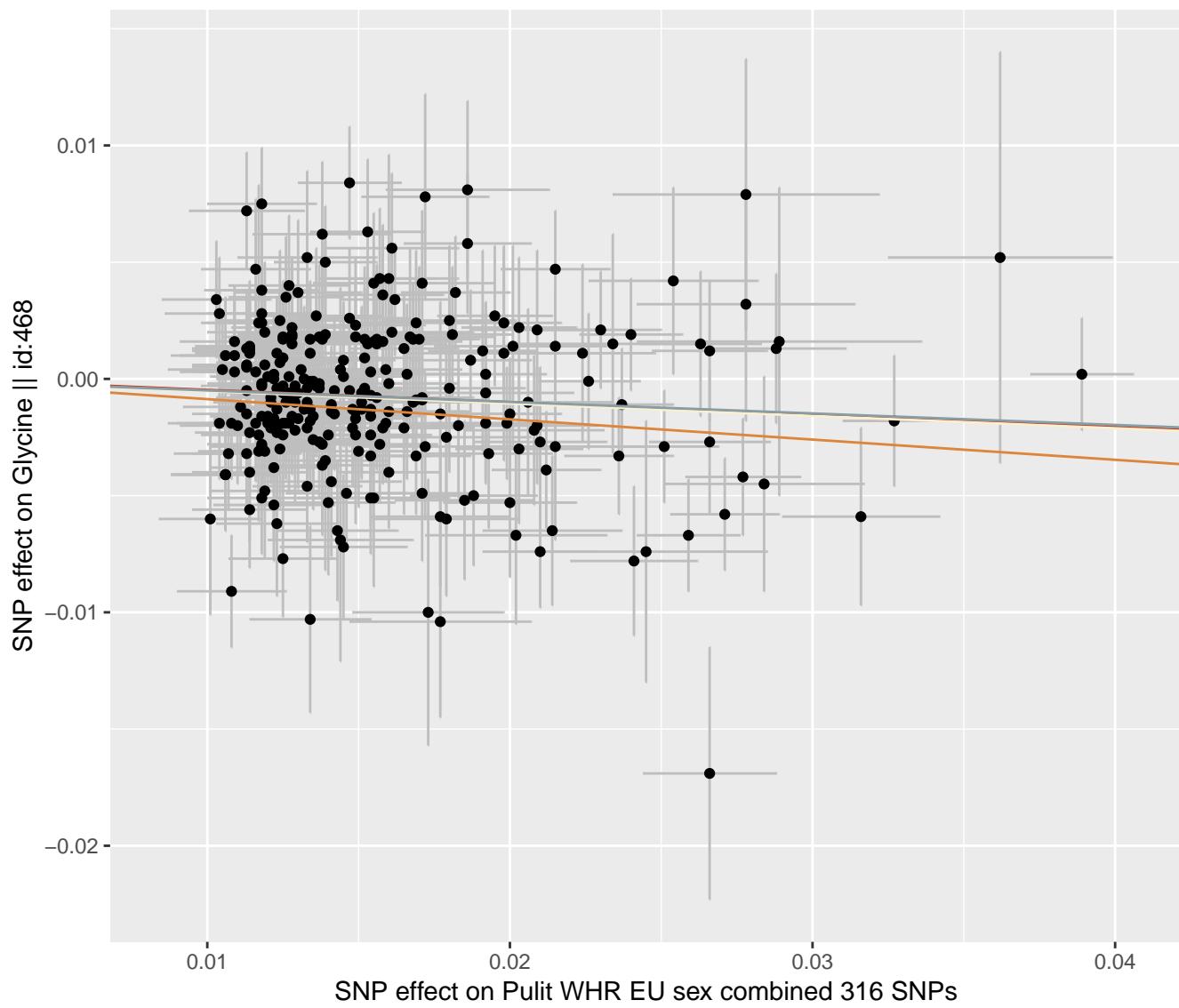
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on Alanine || id:469

0.01

0.00

-0.01

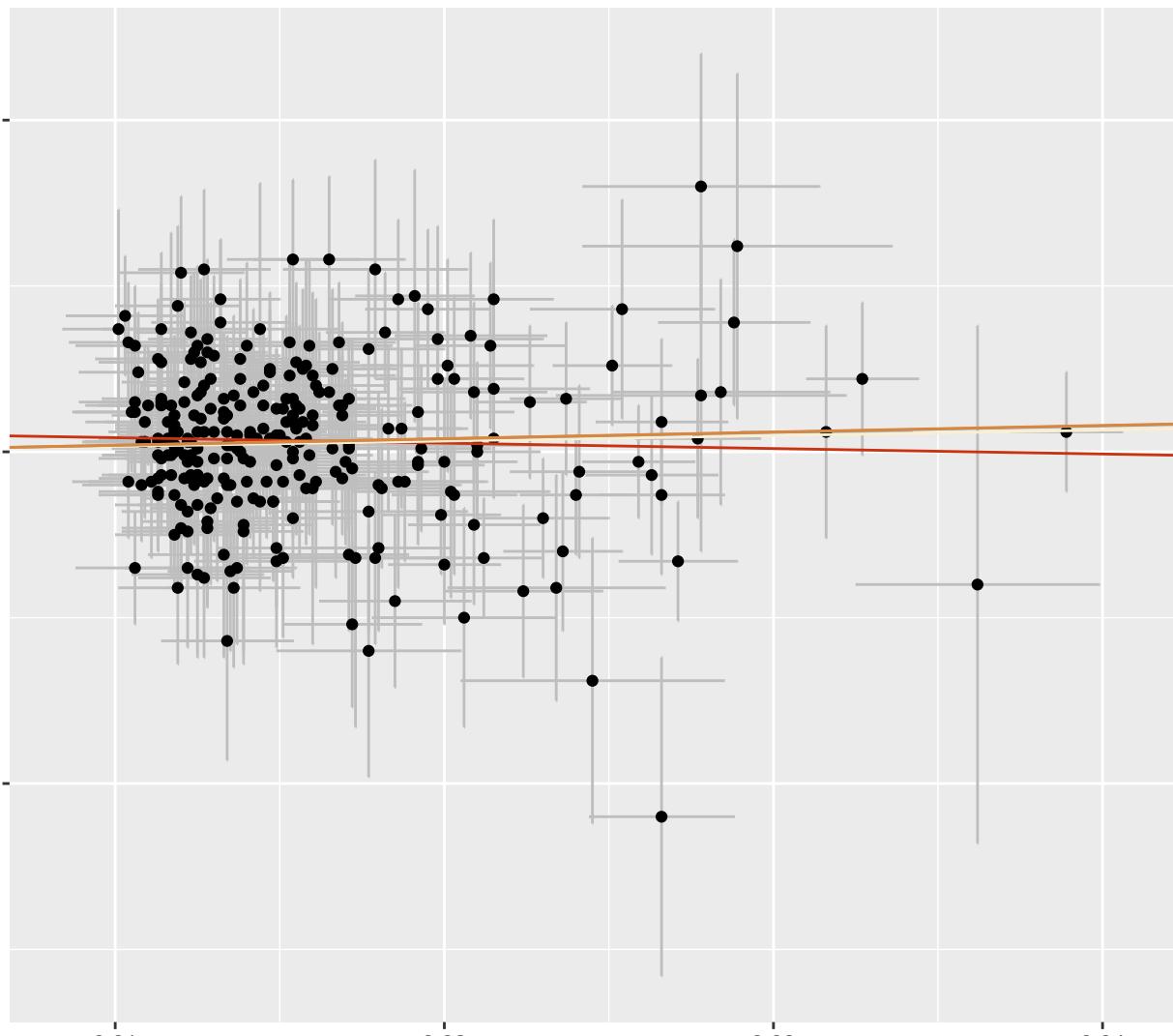
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



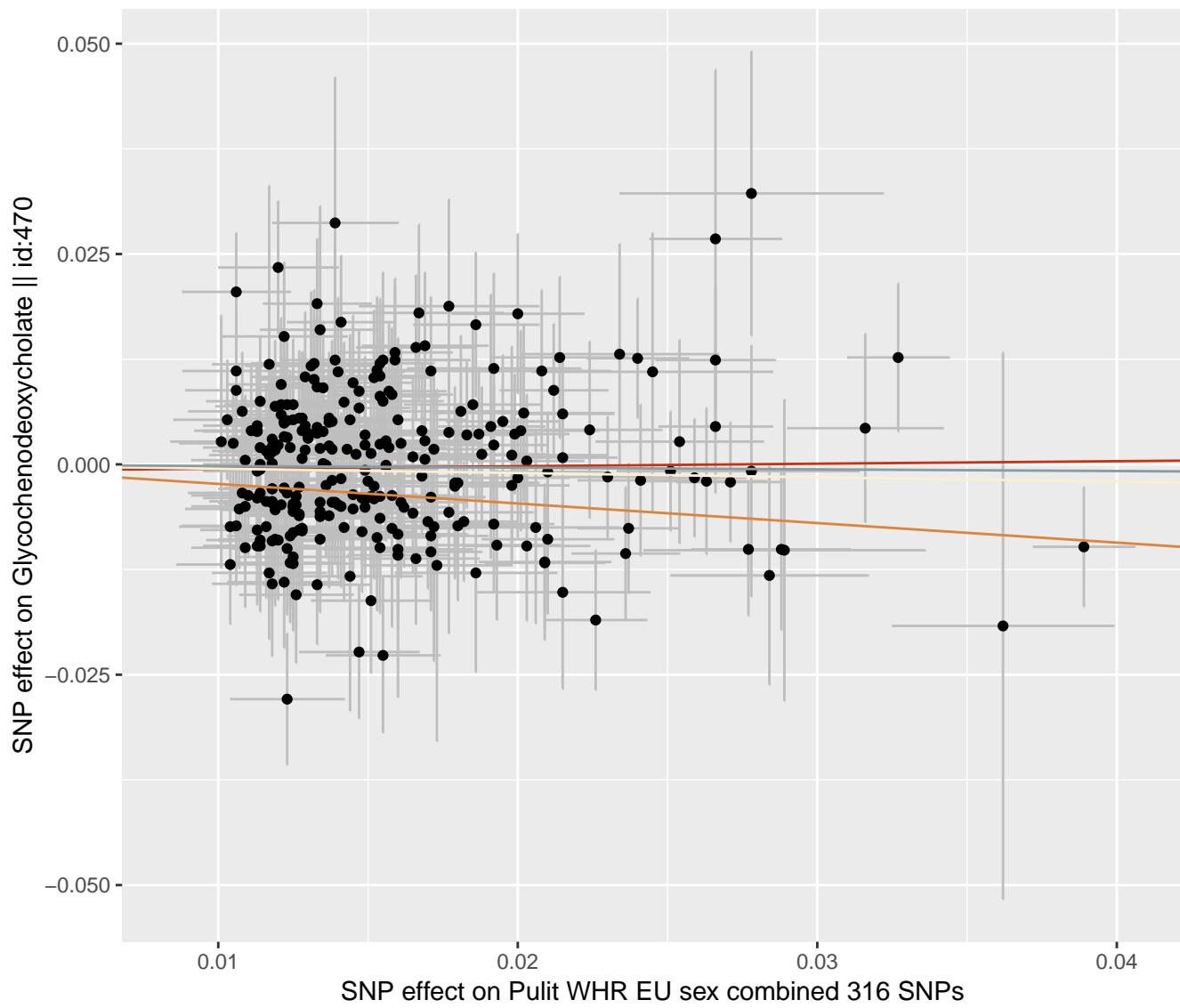
MR Egger



Weighted median



Weighted mode



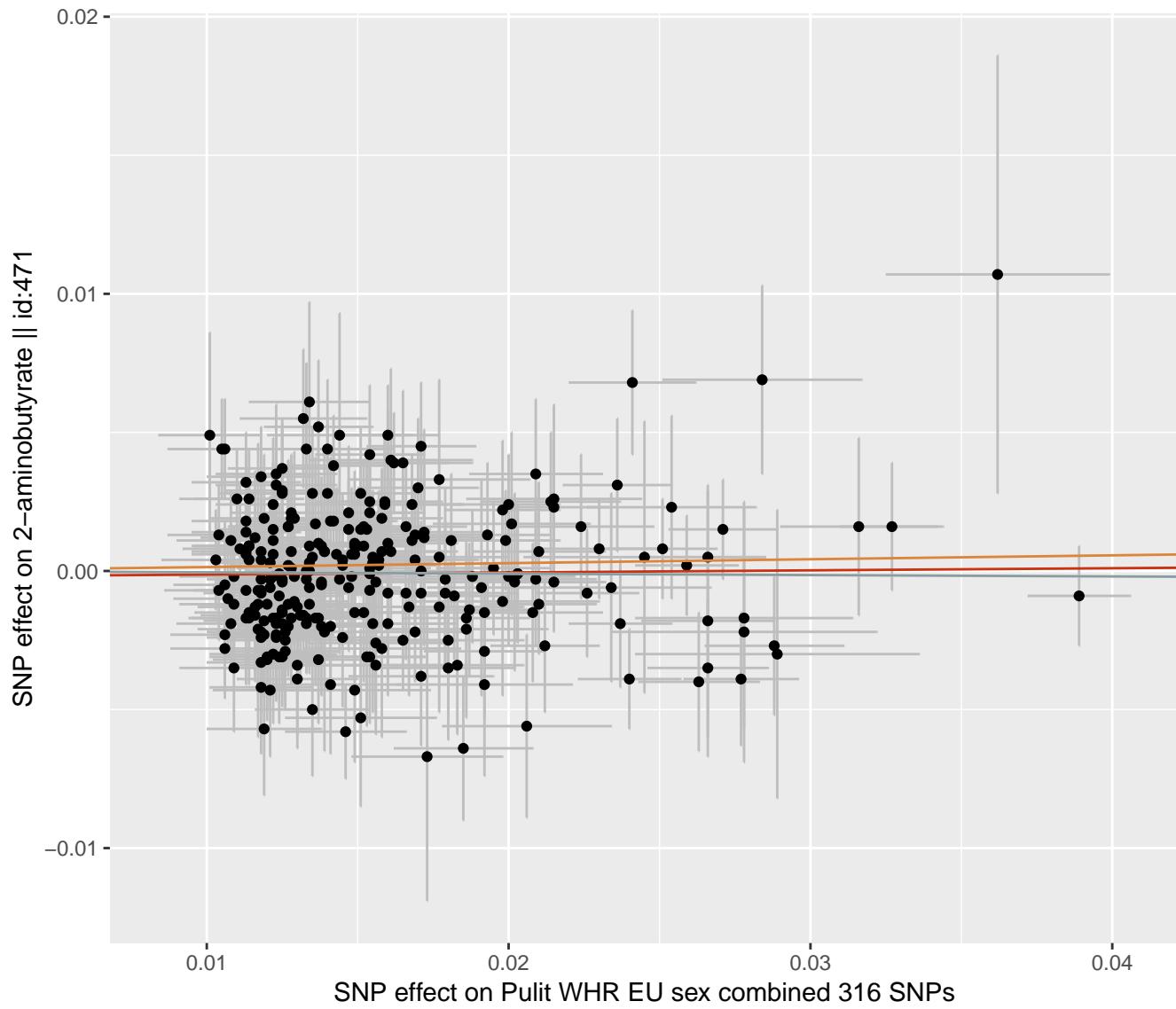
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



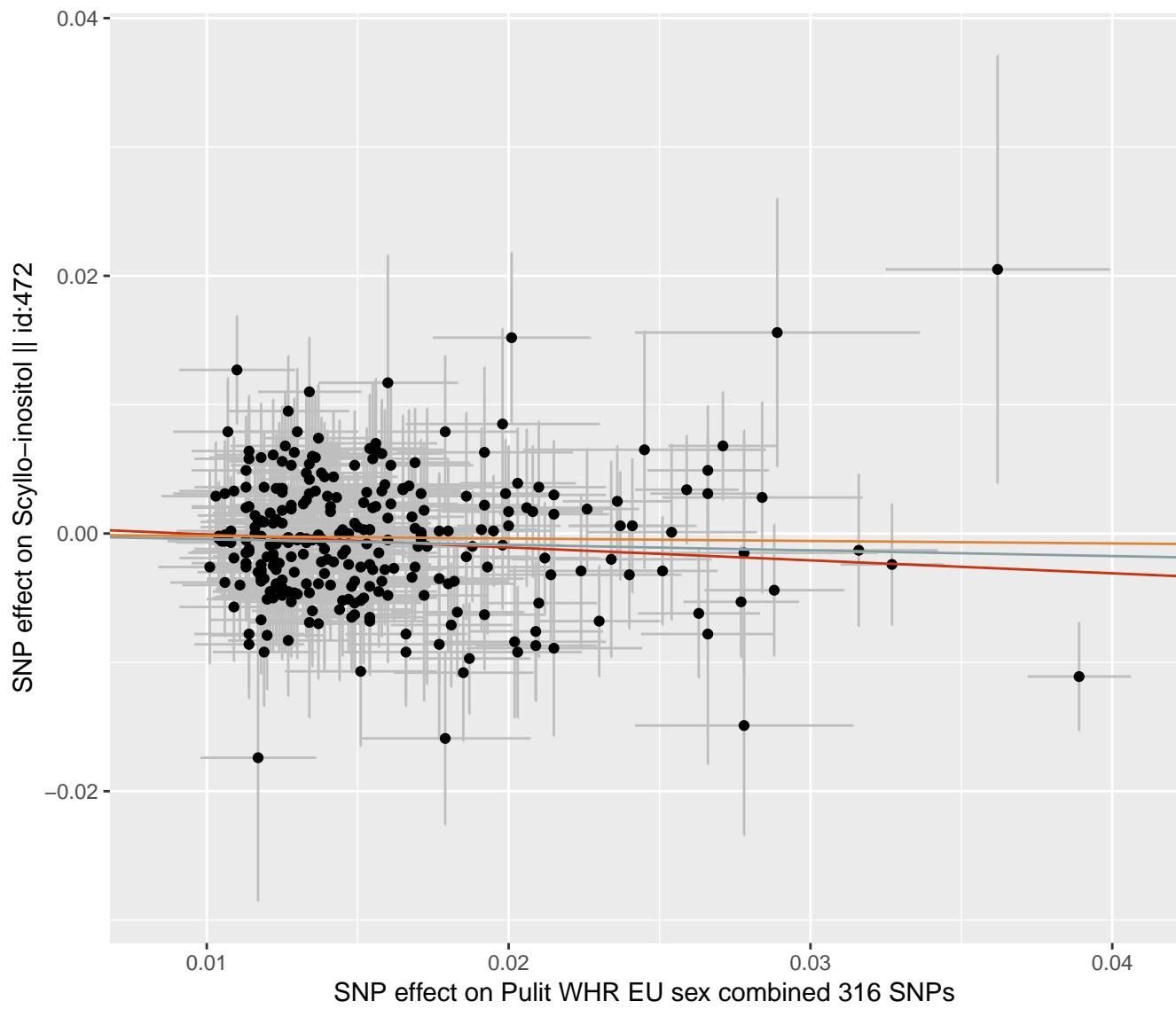
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



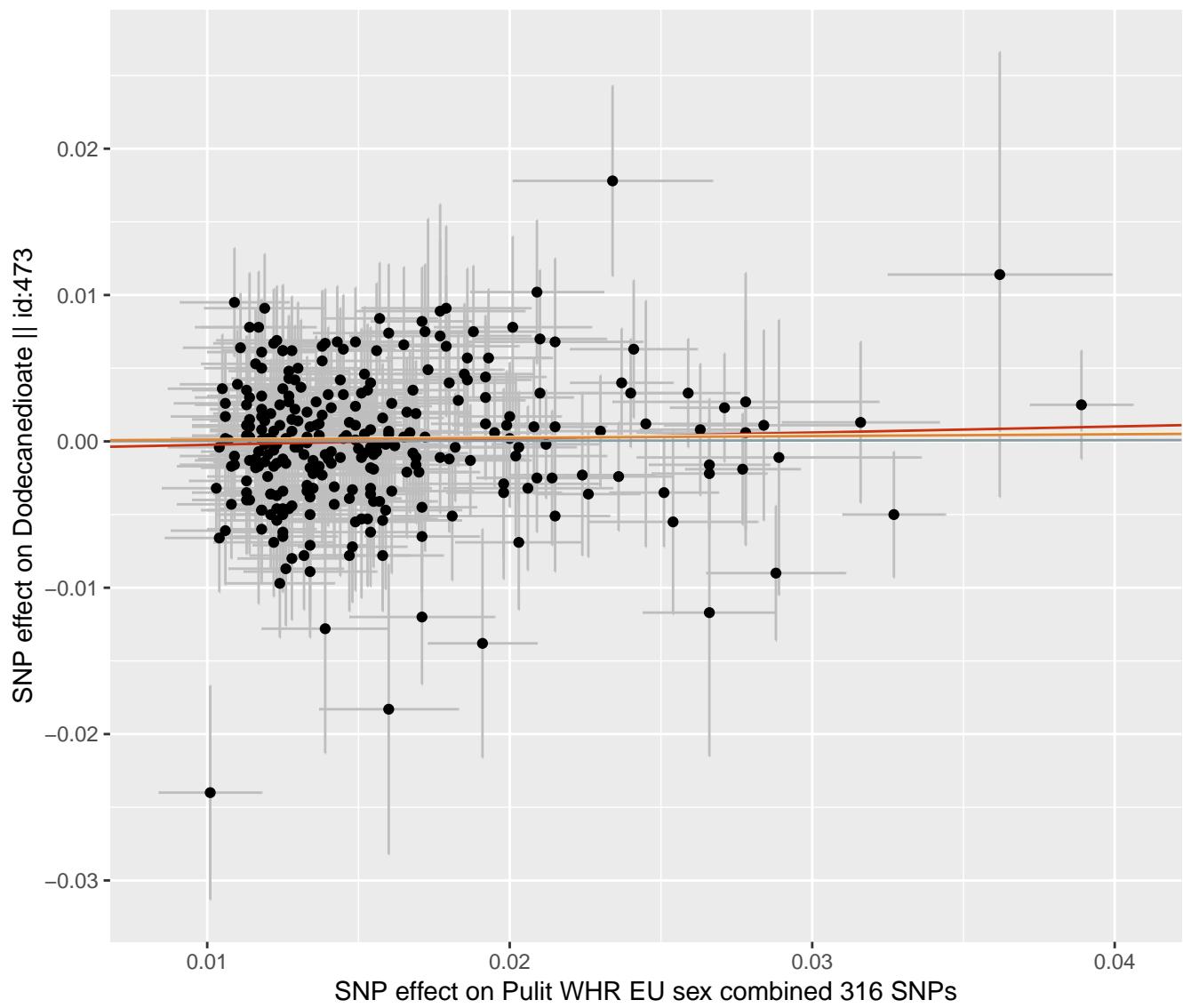
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



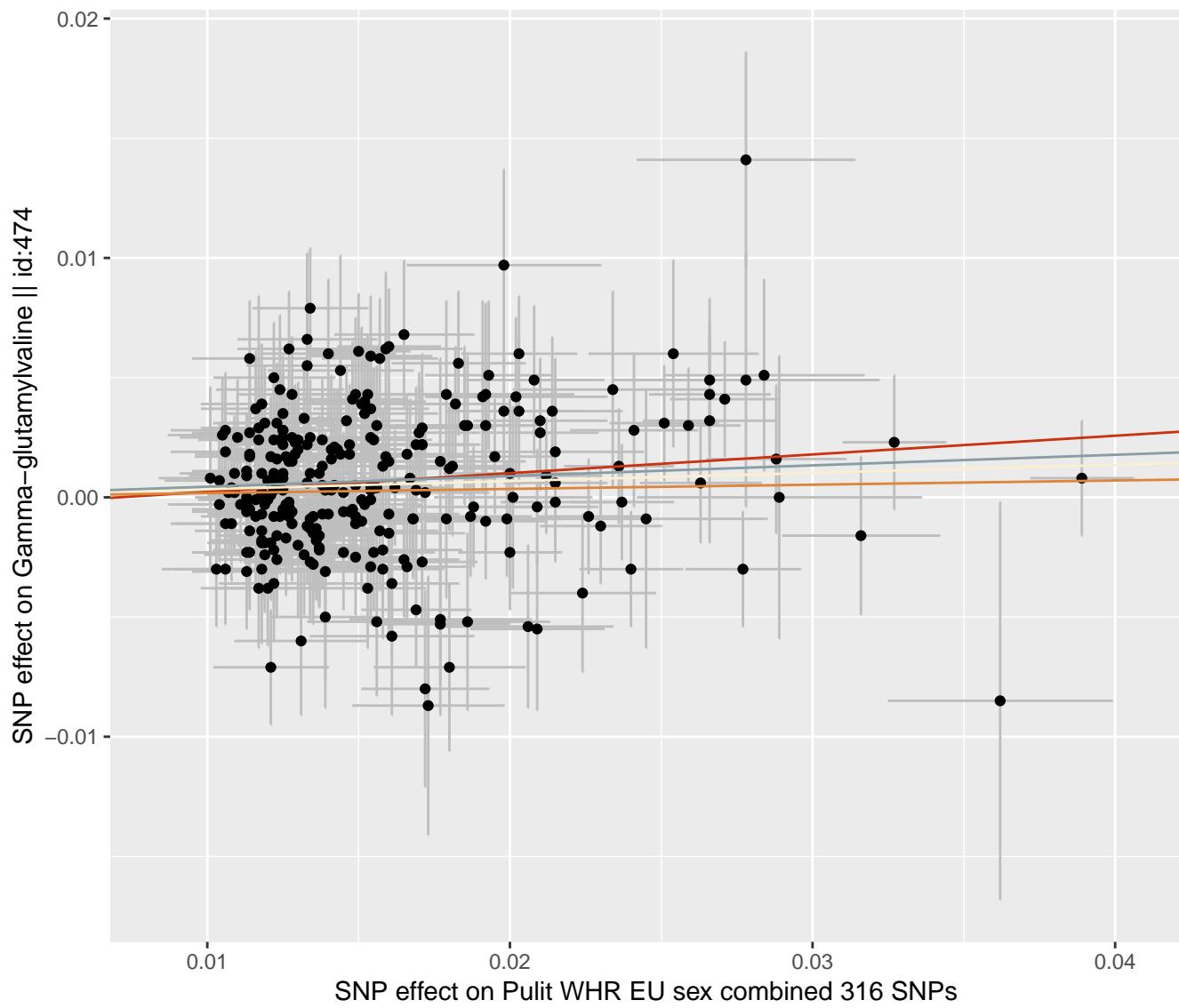
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



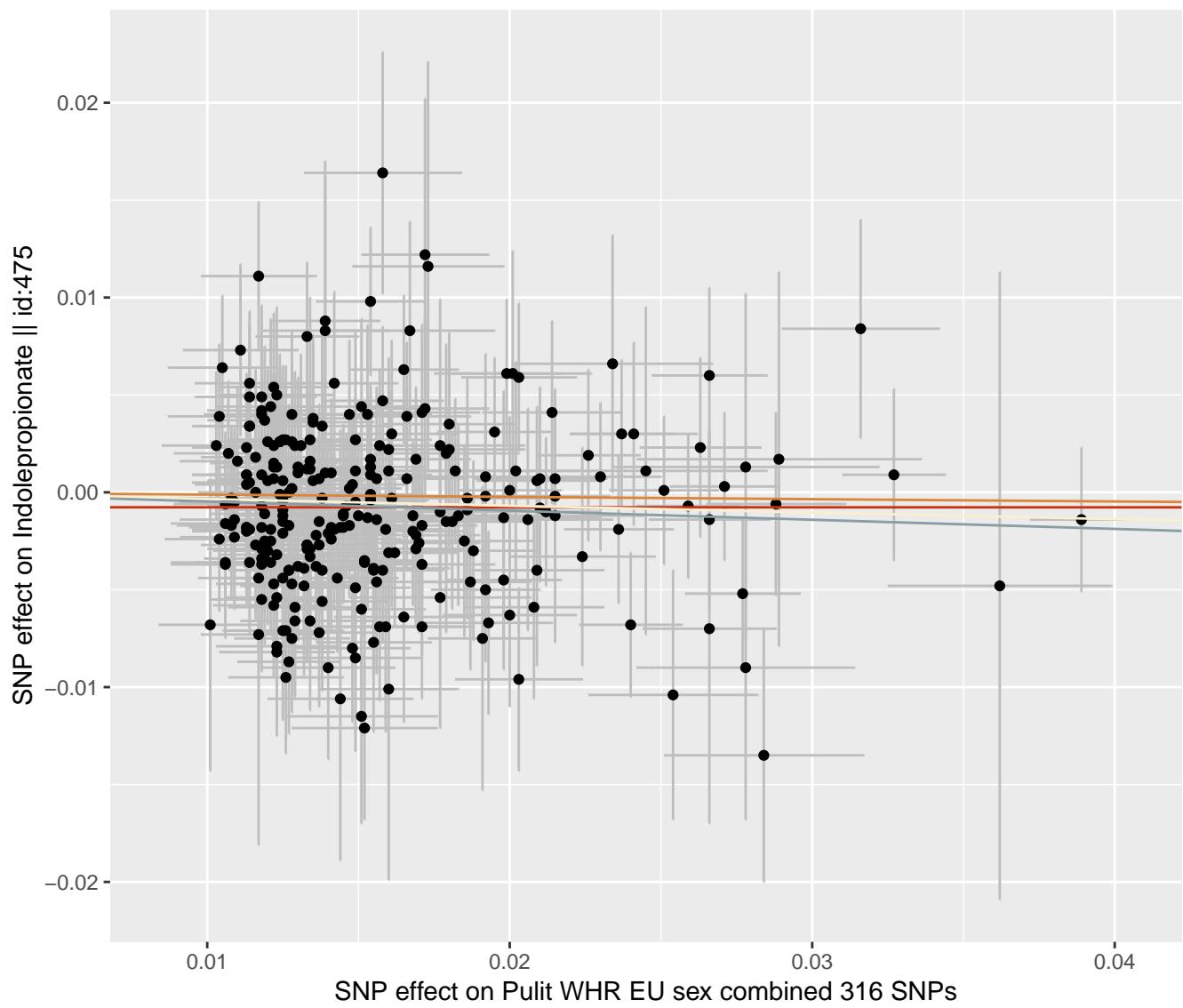
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



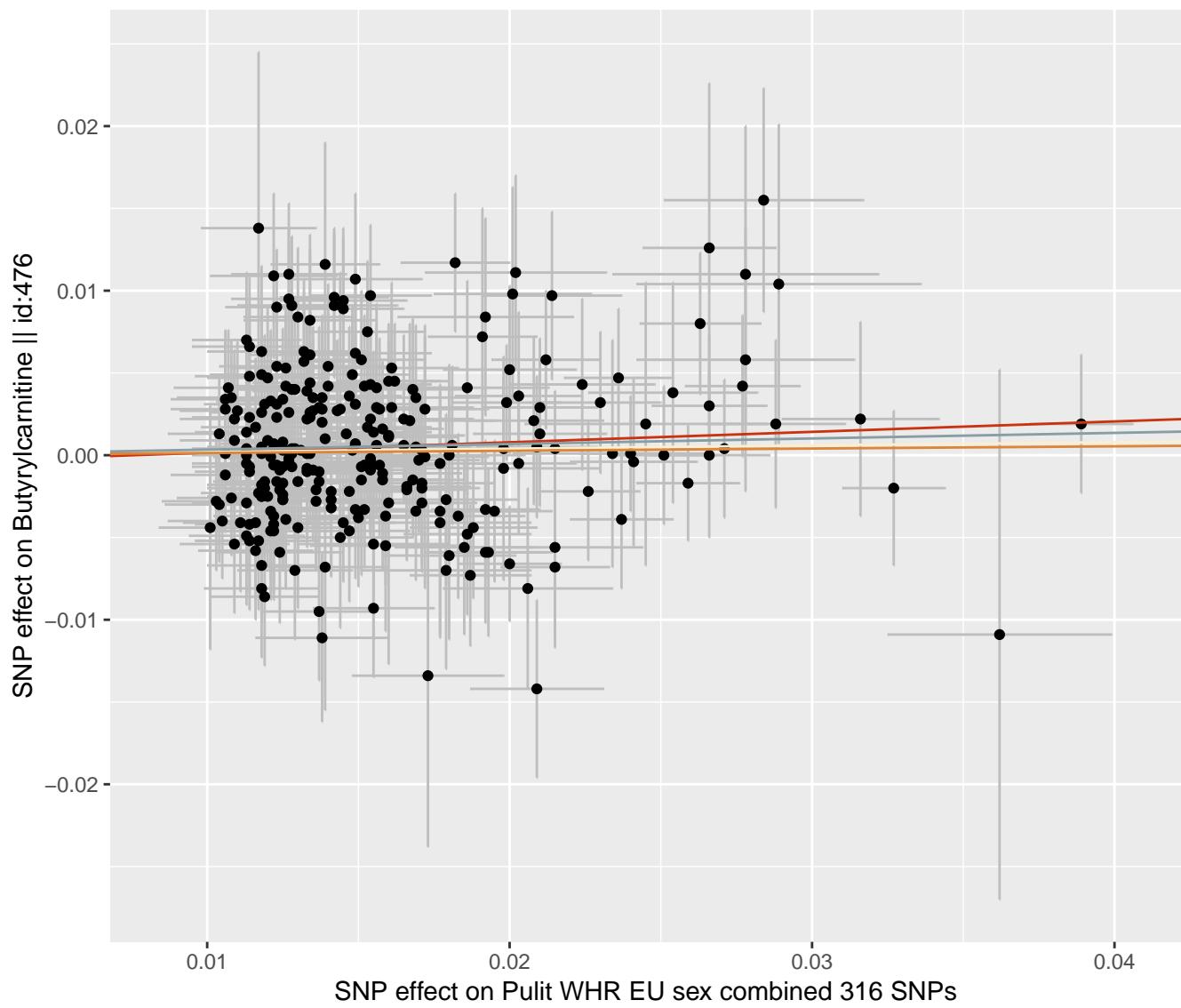
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



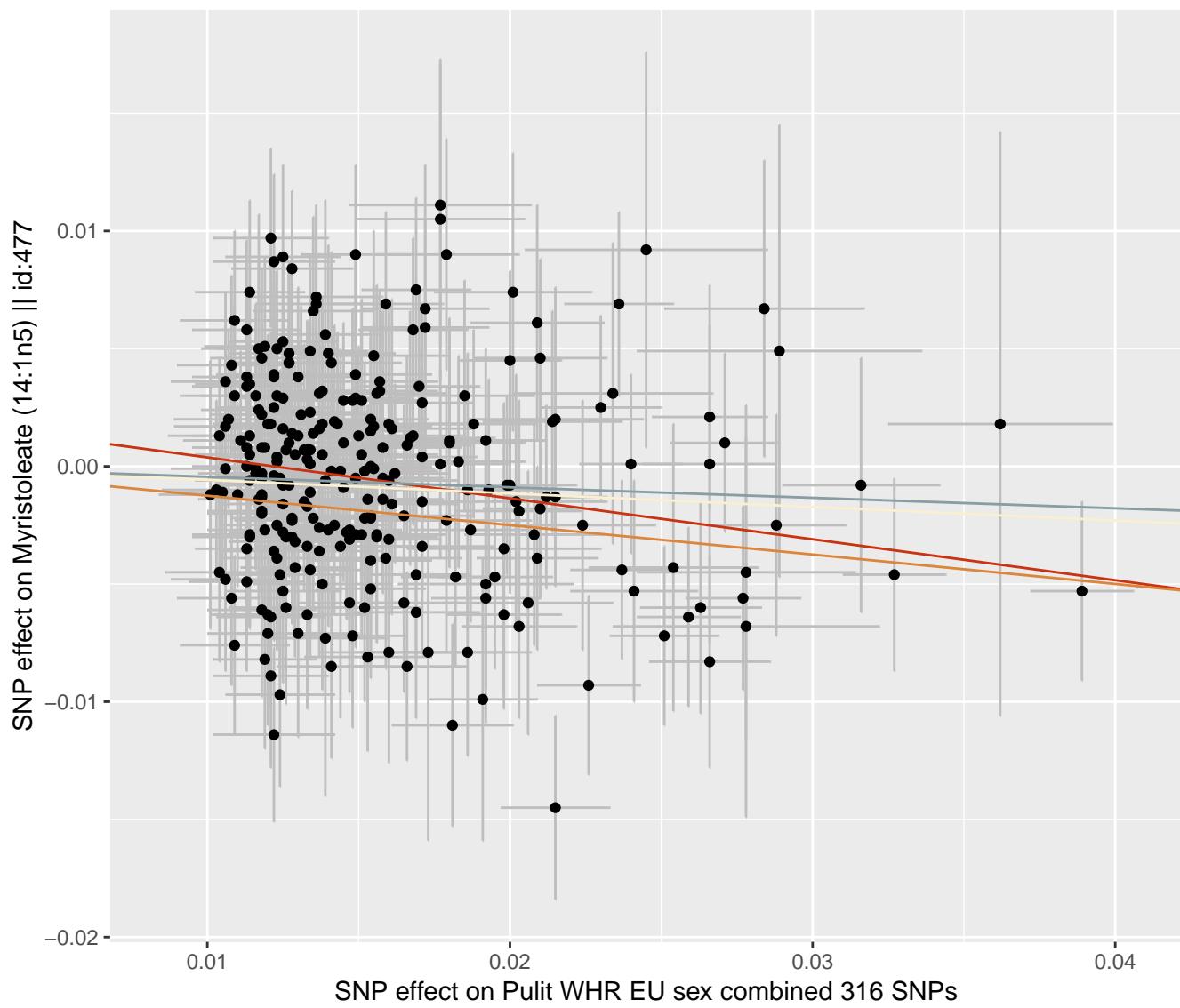
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

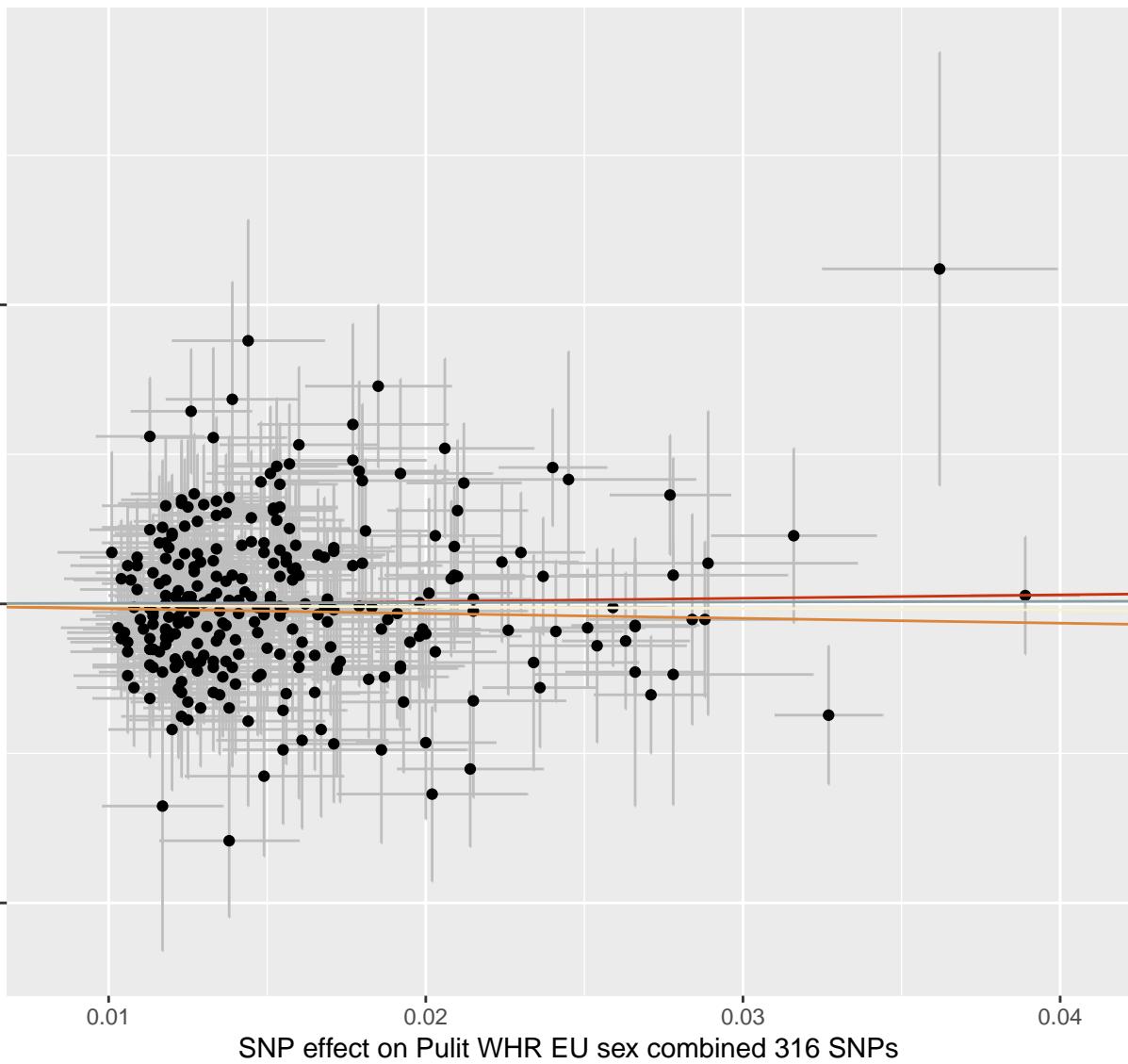


Weighted median



Weighted mode

SNP effect on Dehydroisoandrosterone sulfate (DHEA-S) || id:478



MR Test



Inverse variance weighted (multiplicative random effects)



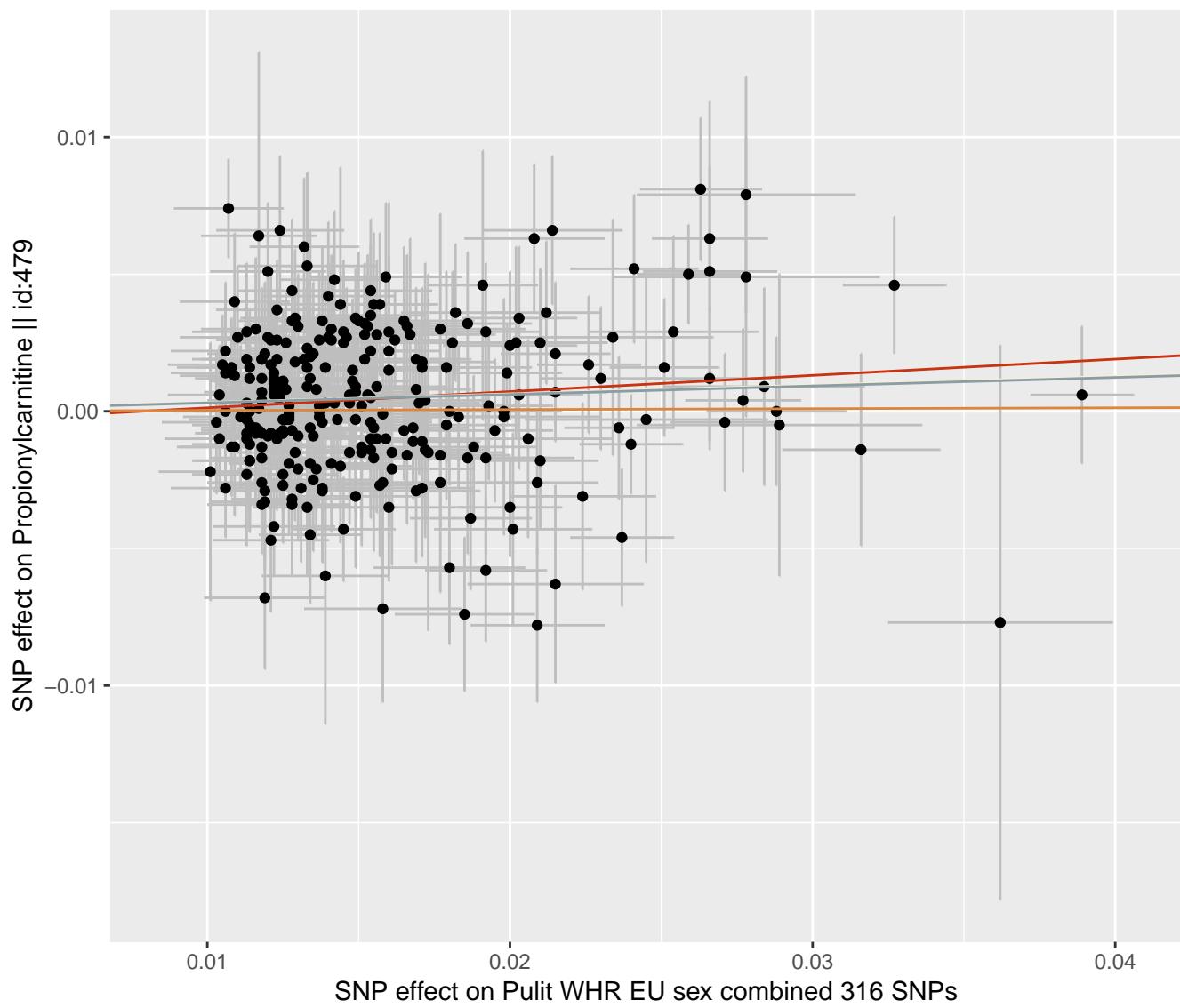
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



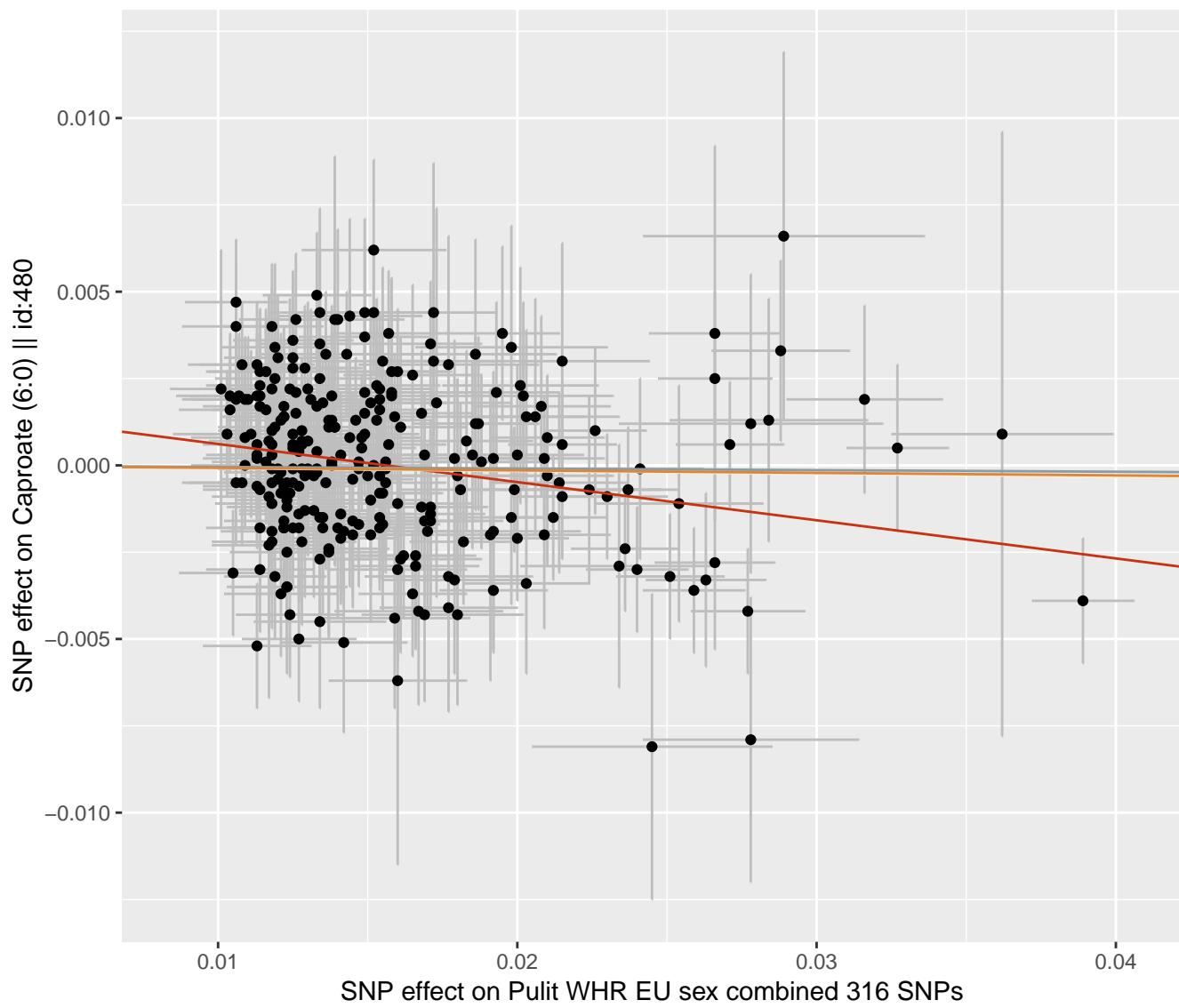
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



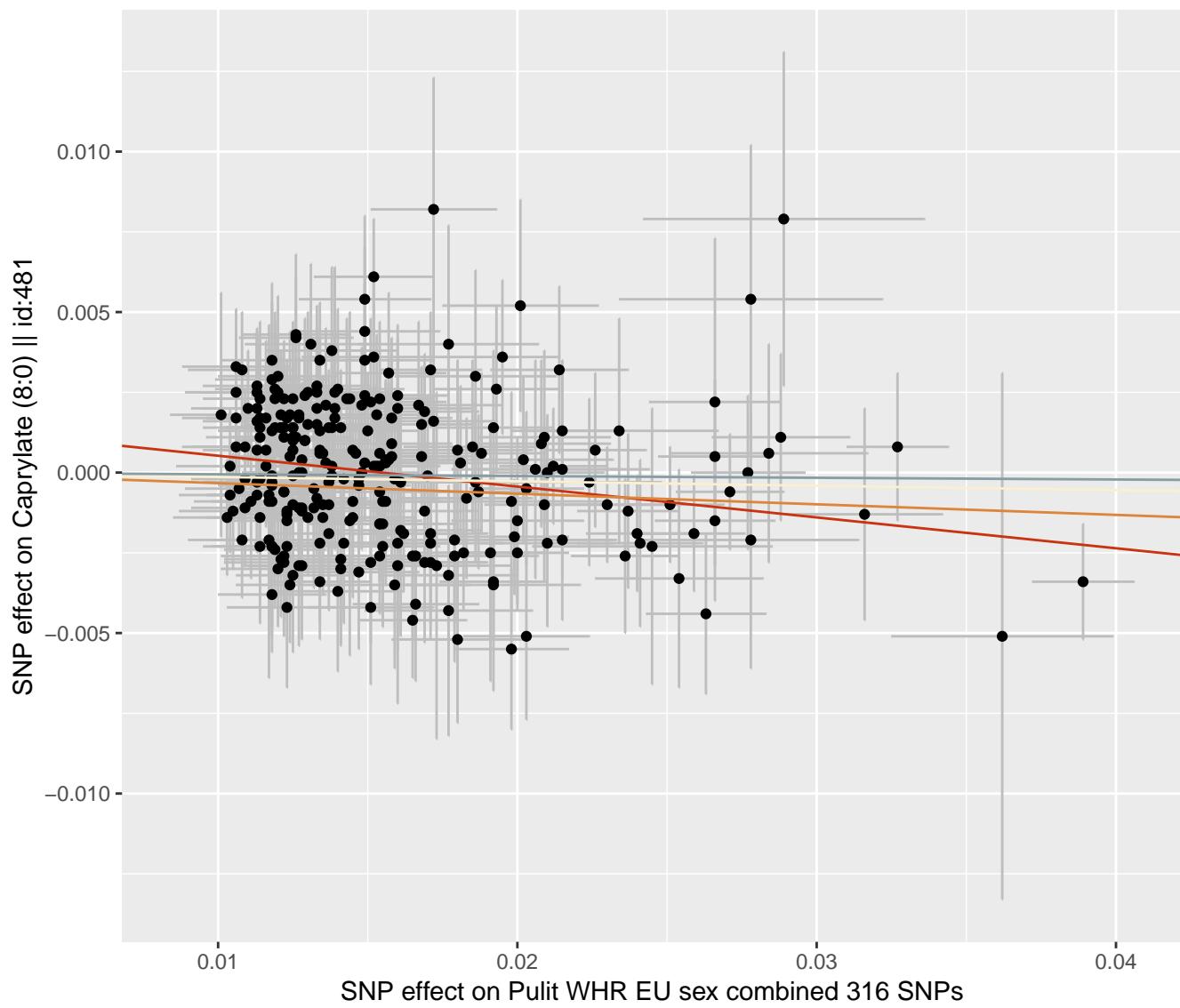
MR Egger



Weighted median

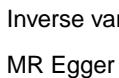


Weighted mode



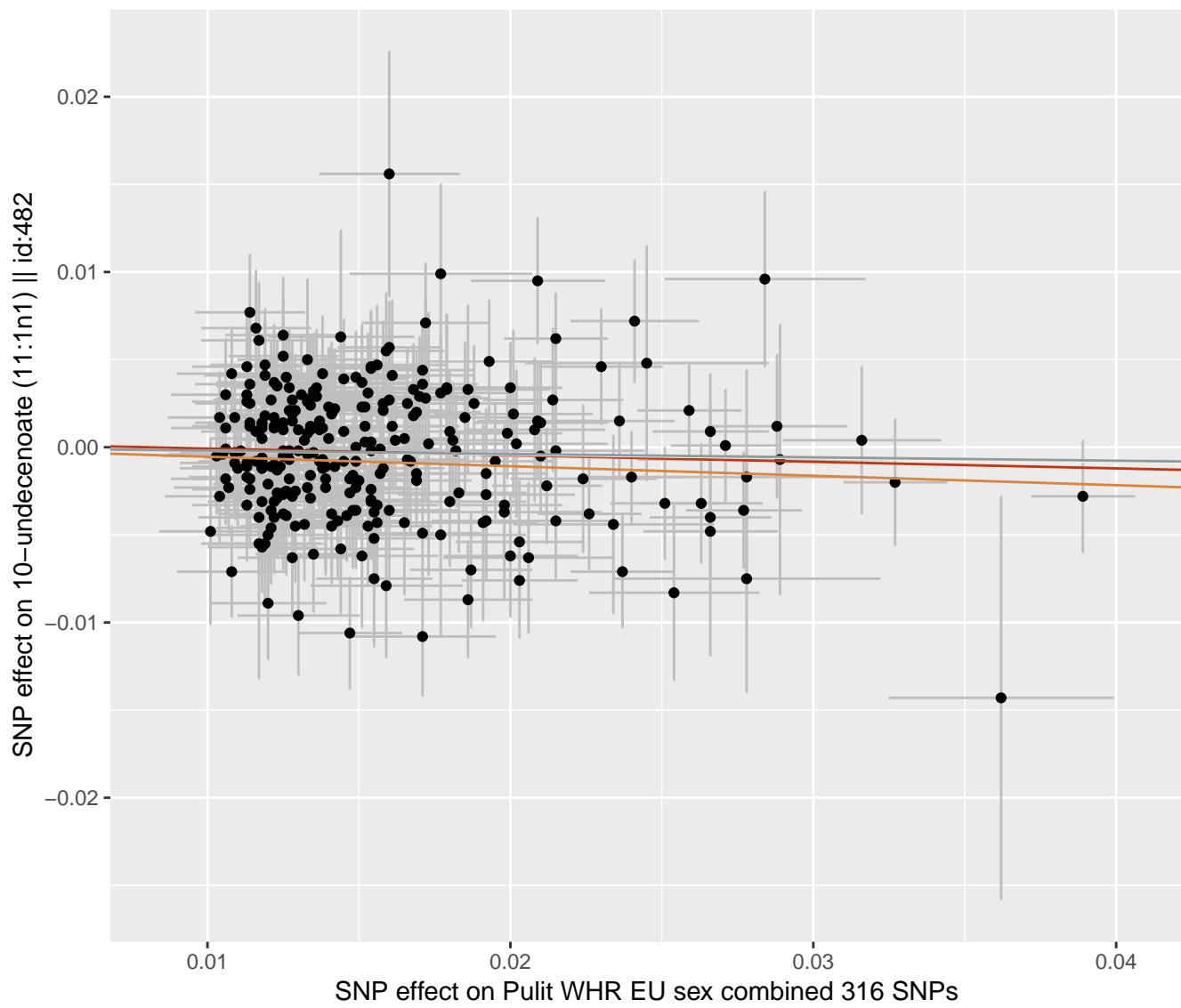
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

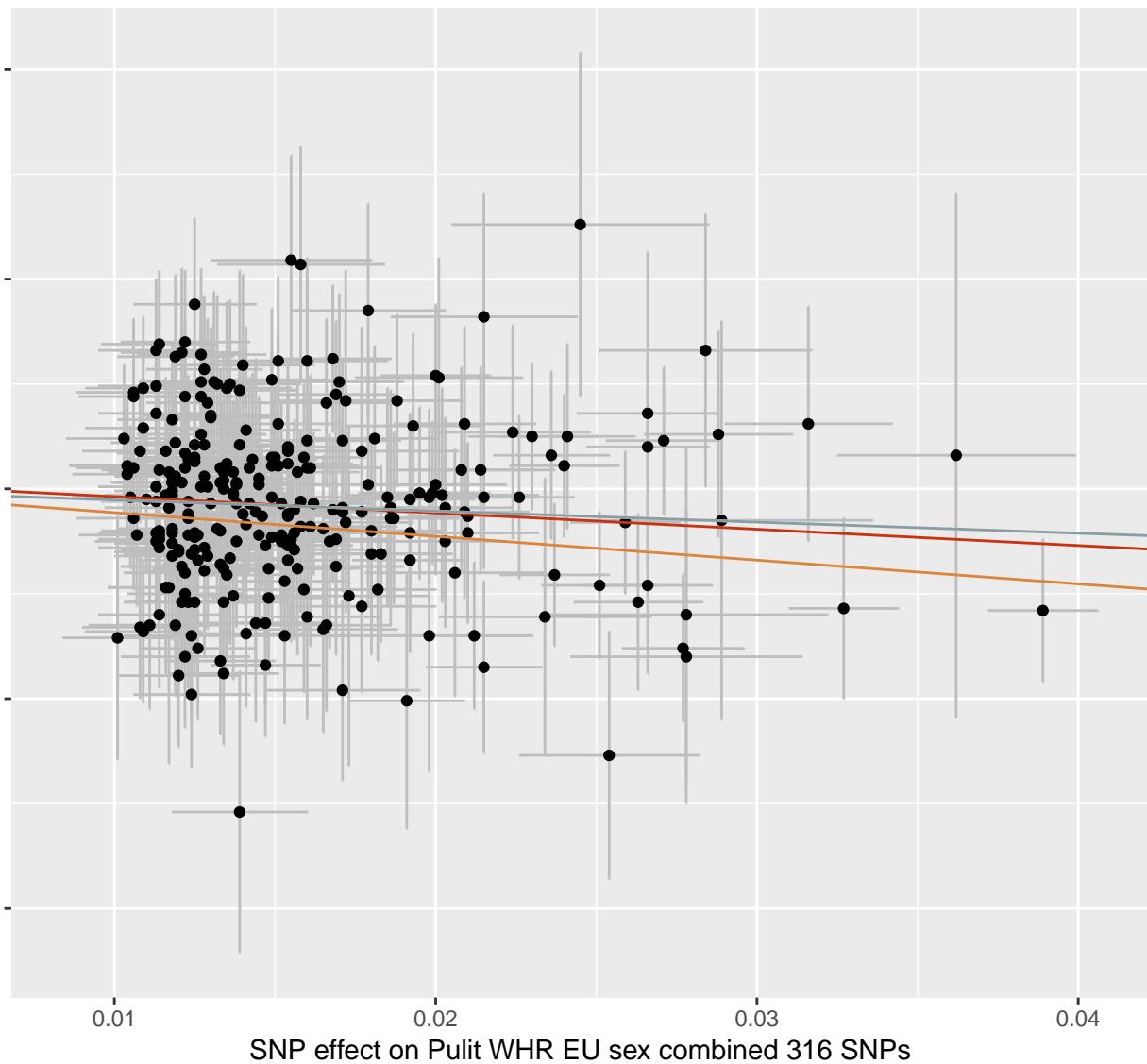


Weighted median



Weighted mode

SNP effect on Docosapentaenoate (n3 DPA; 22:5n3) || id:483



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

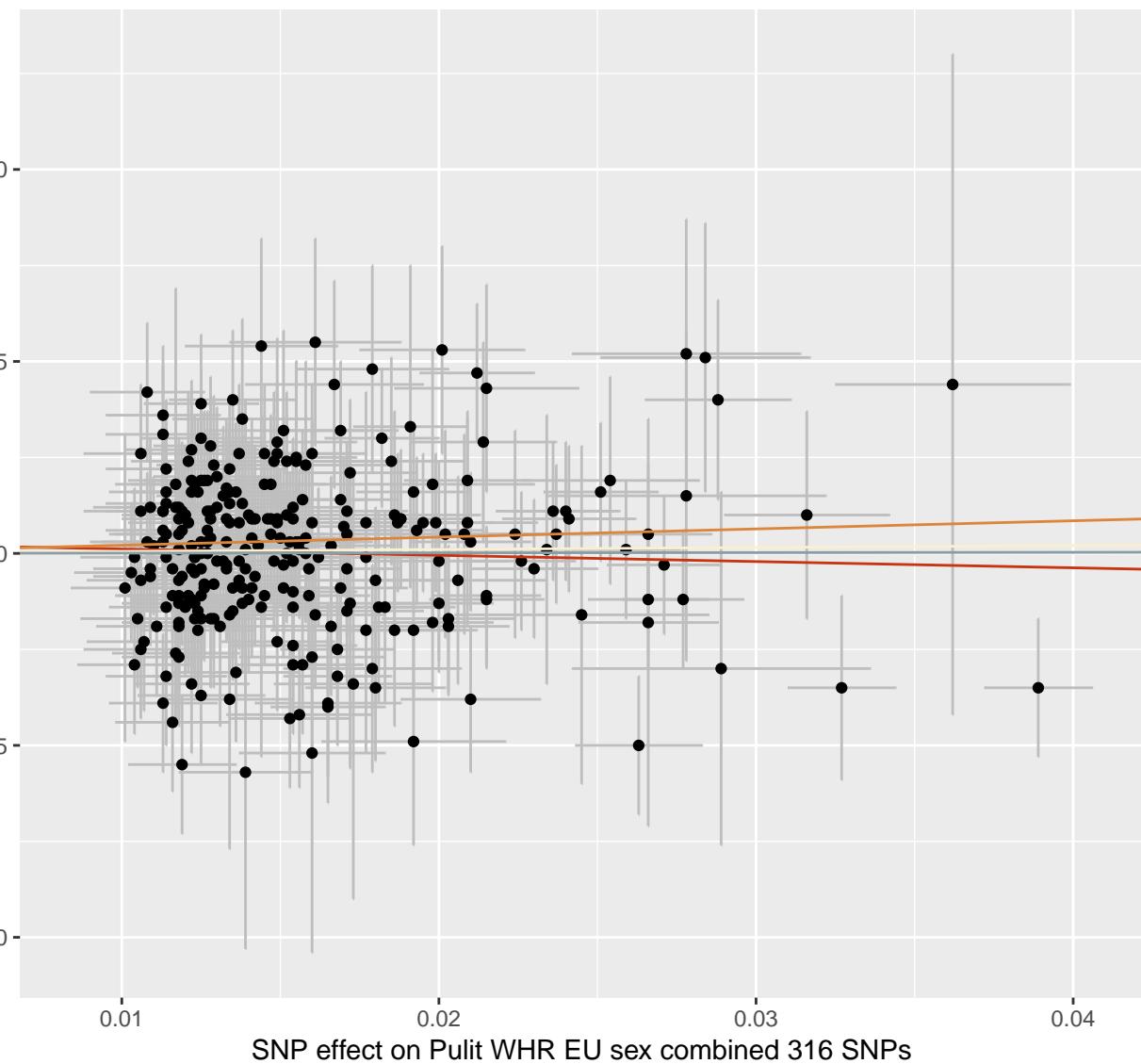


Weighted median



Weighted mode

SNP effect on X-11204 || id:484



SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



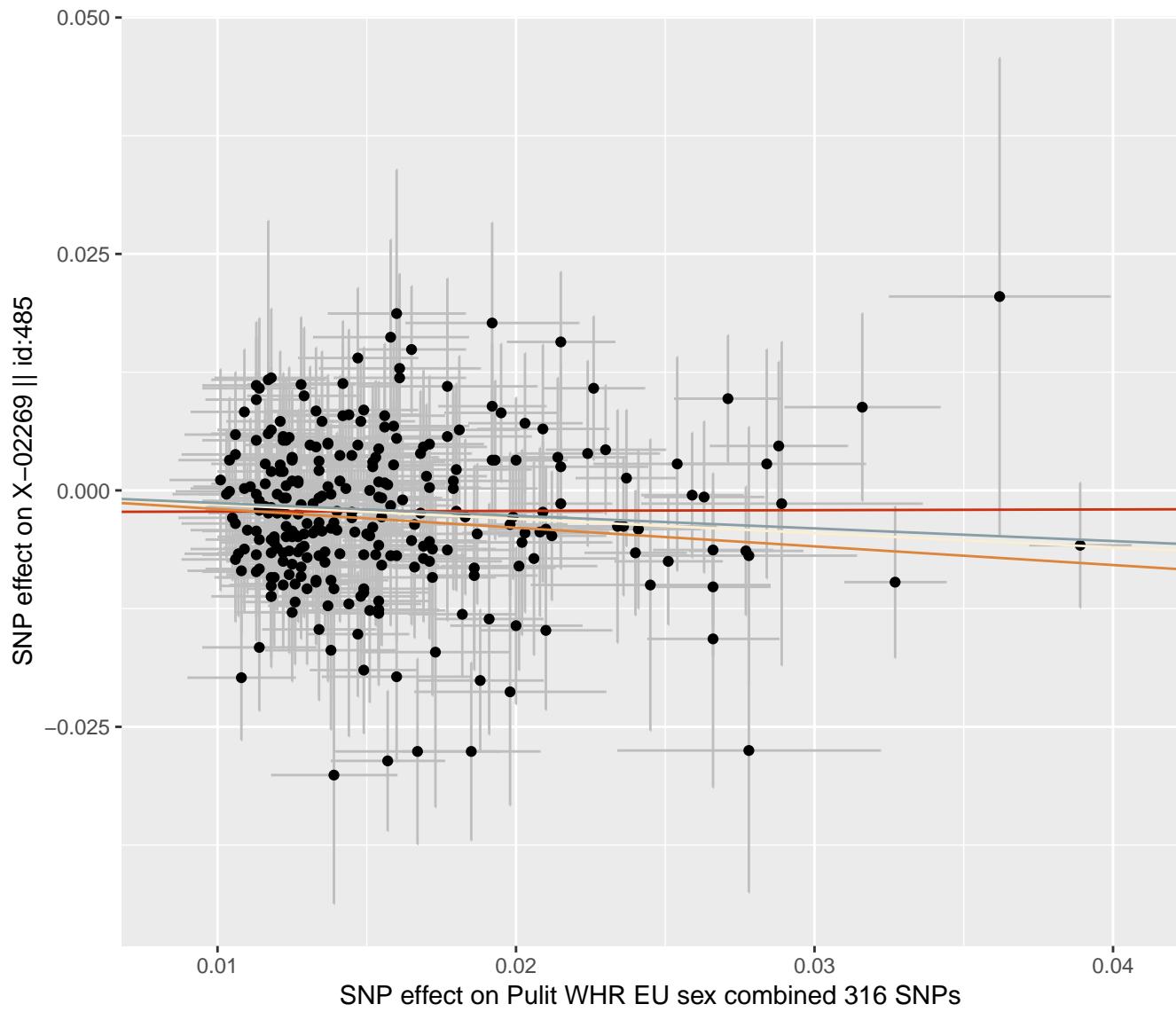
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



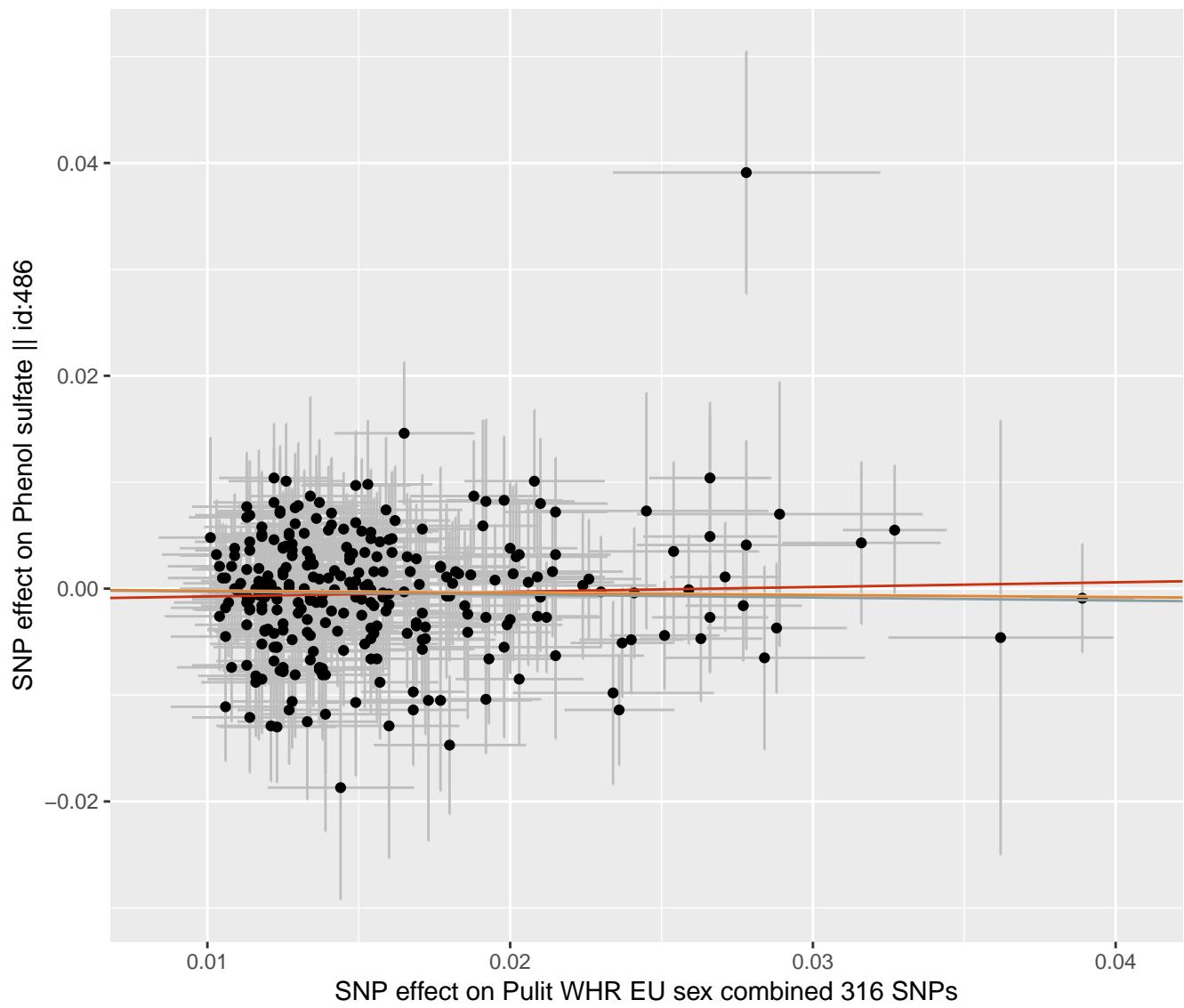
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



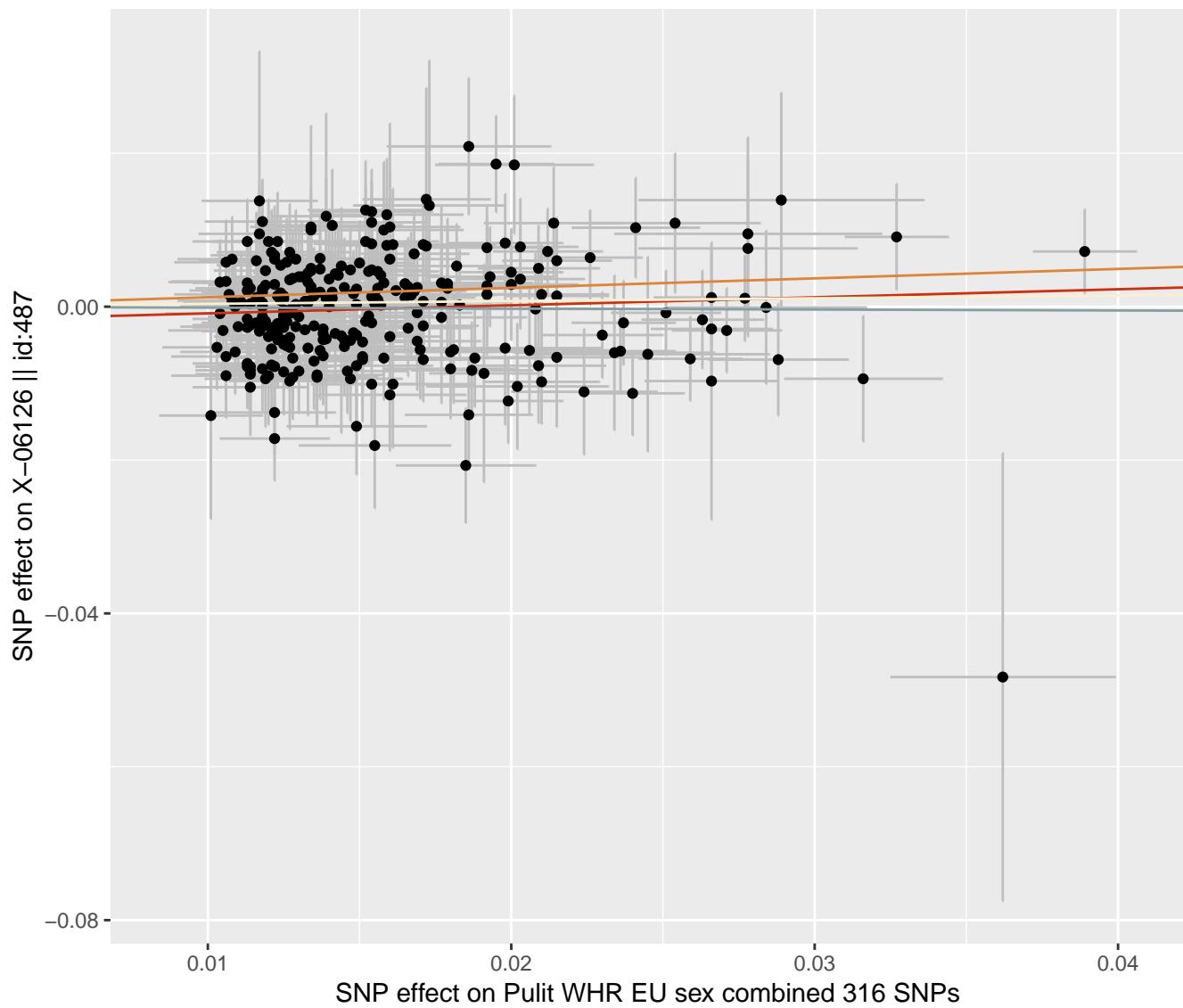
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



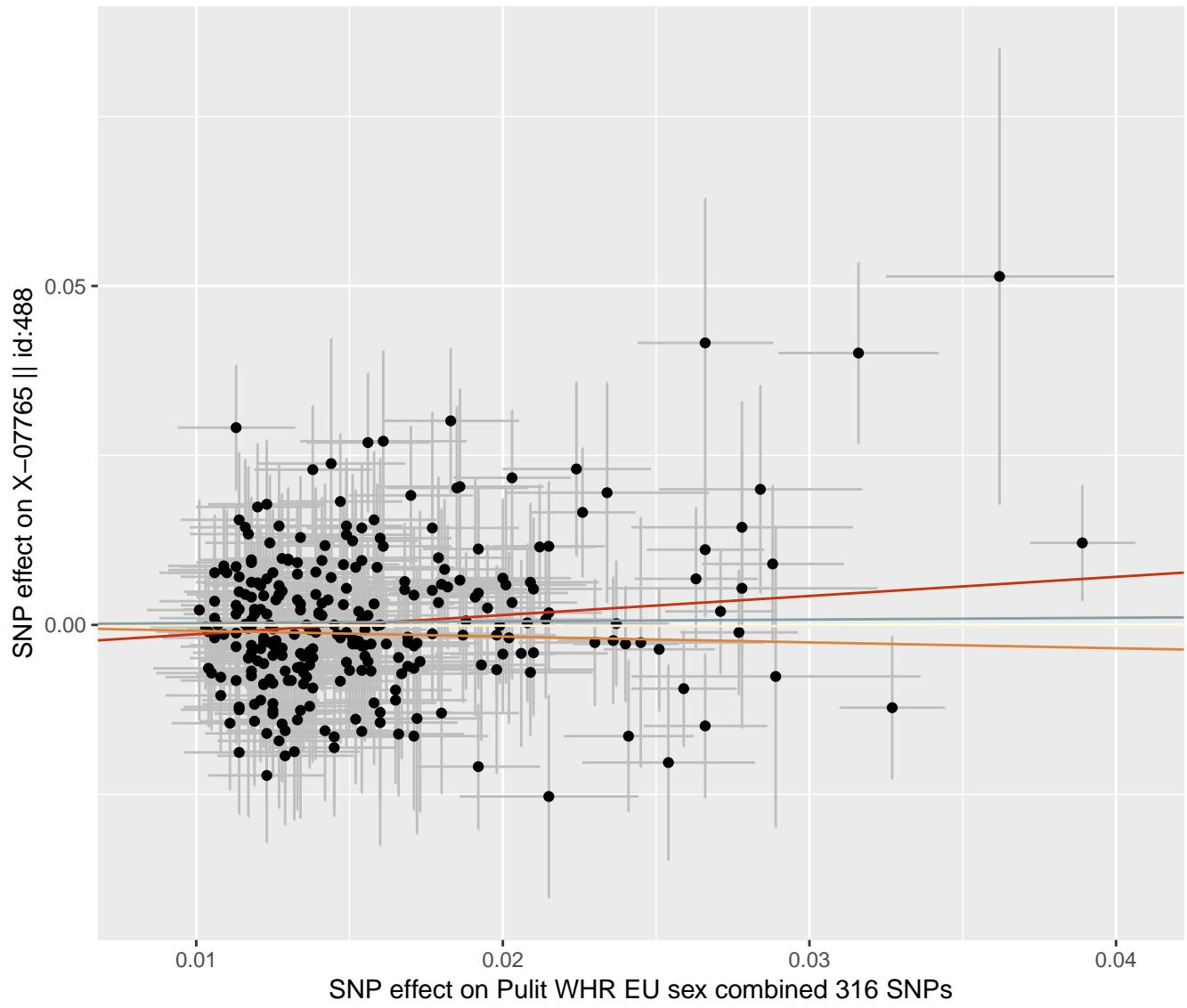
MR Egger



Weighted median

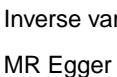


Weighted mode



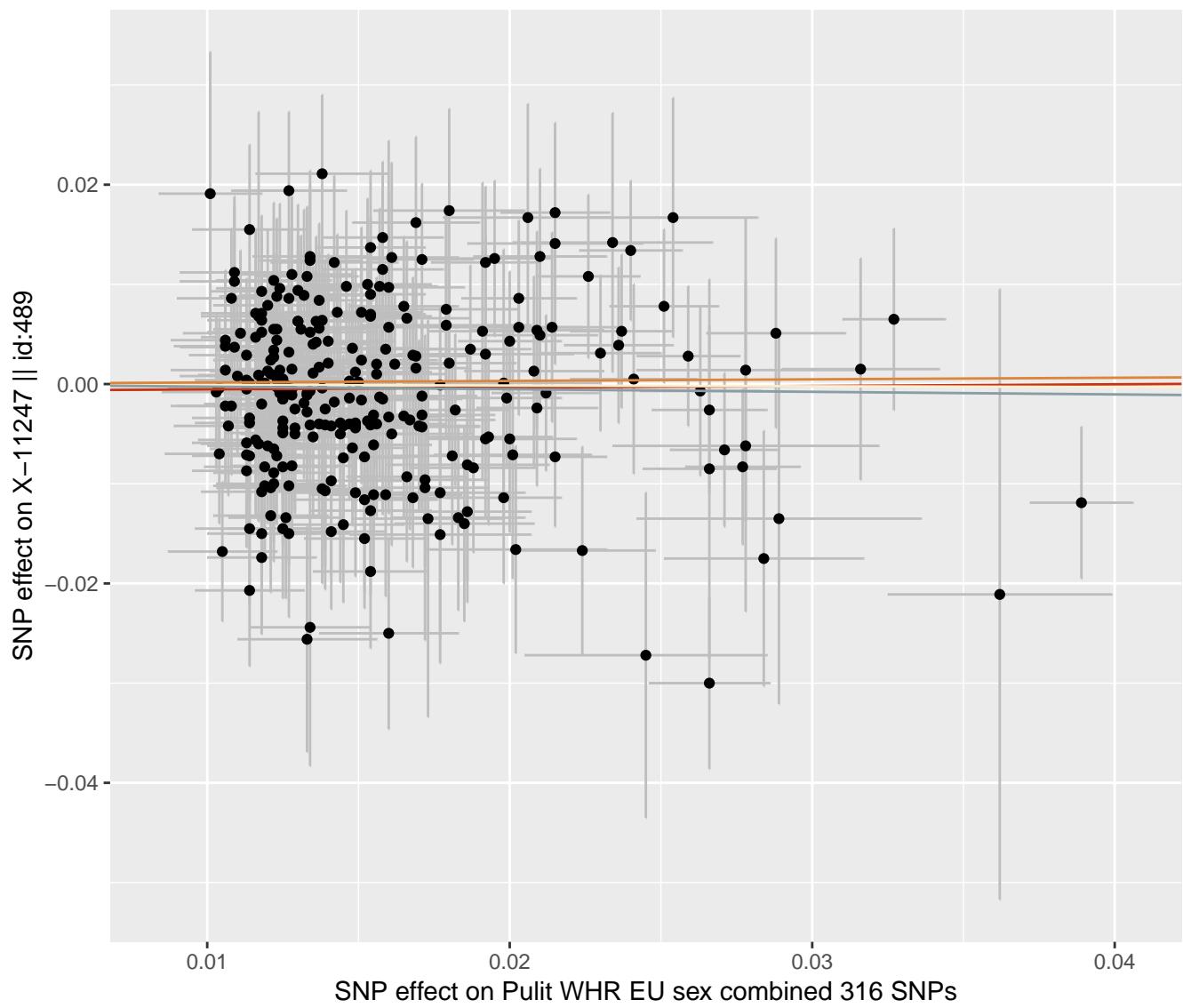
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

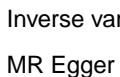
 Weighted median

 Weighted mode



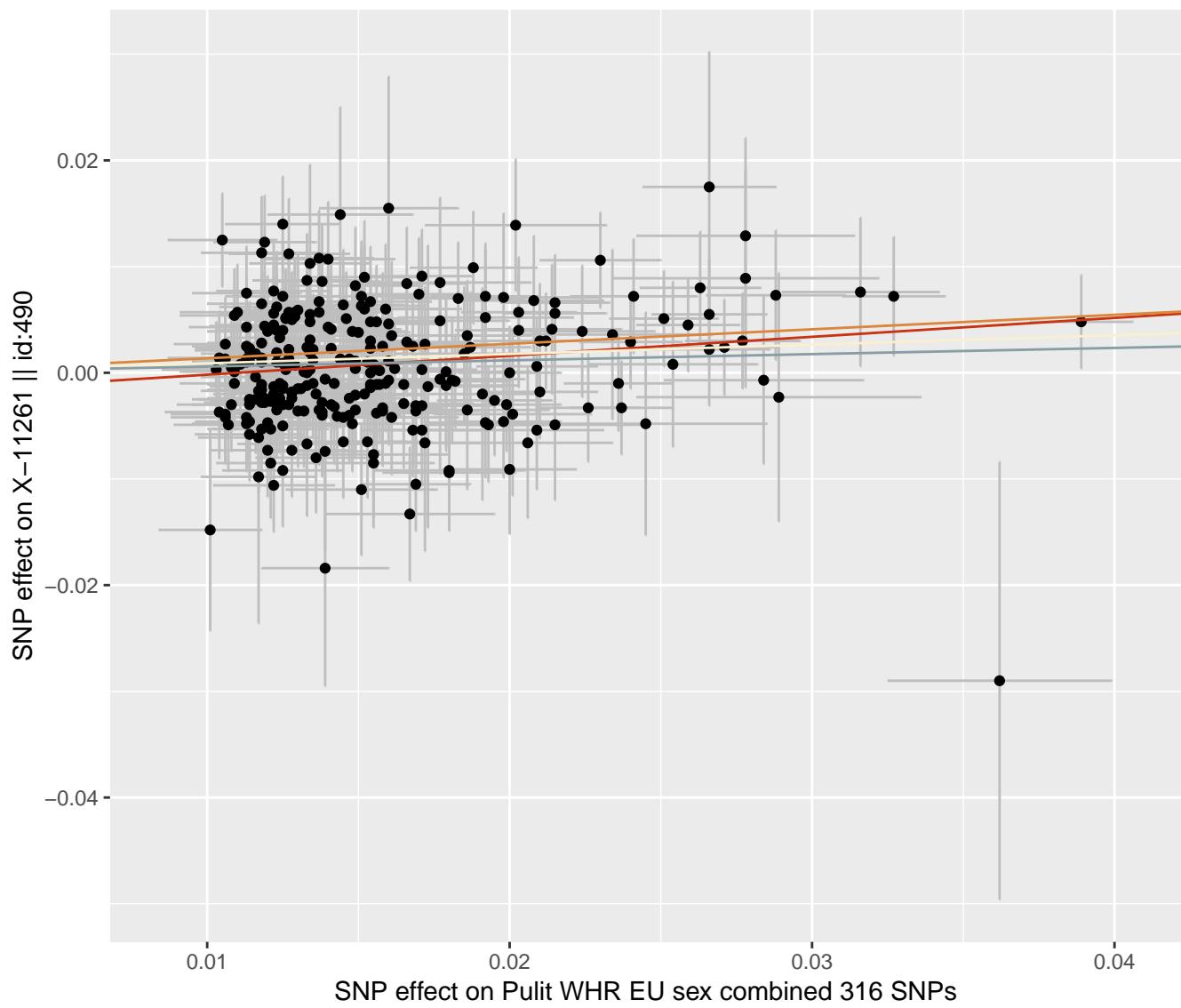
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



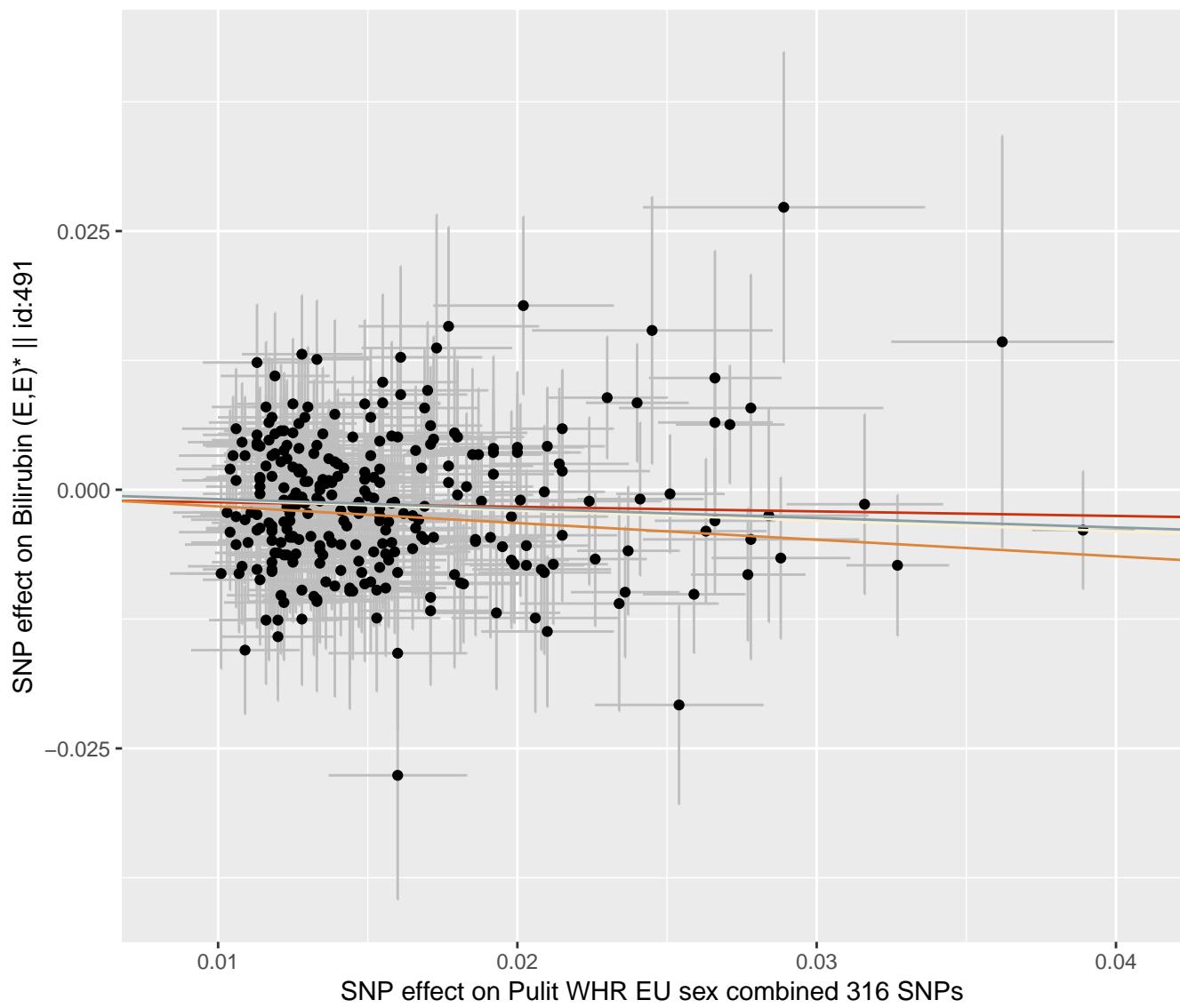
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



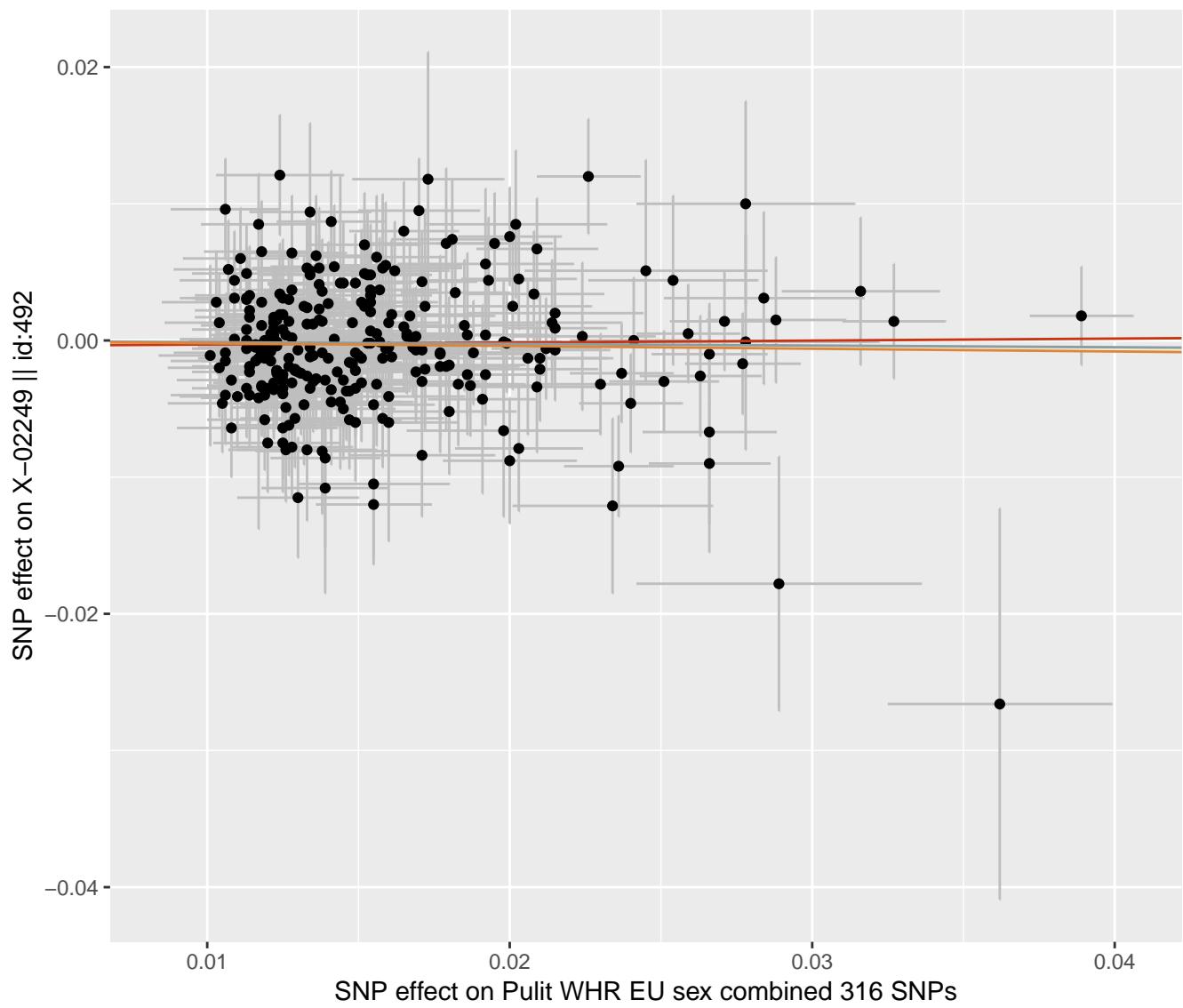
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



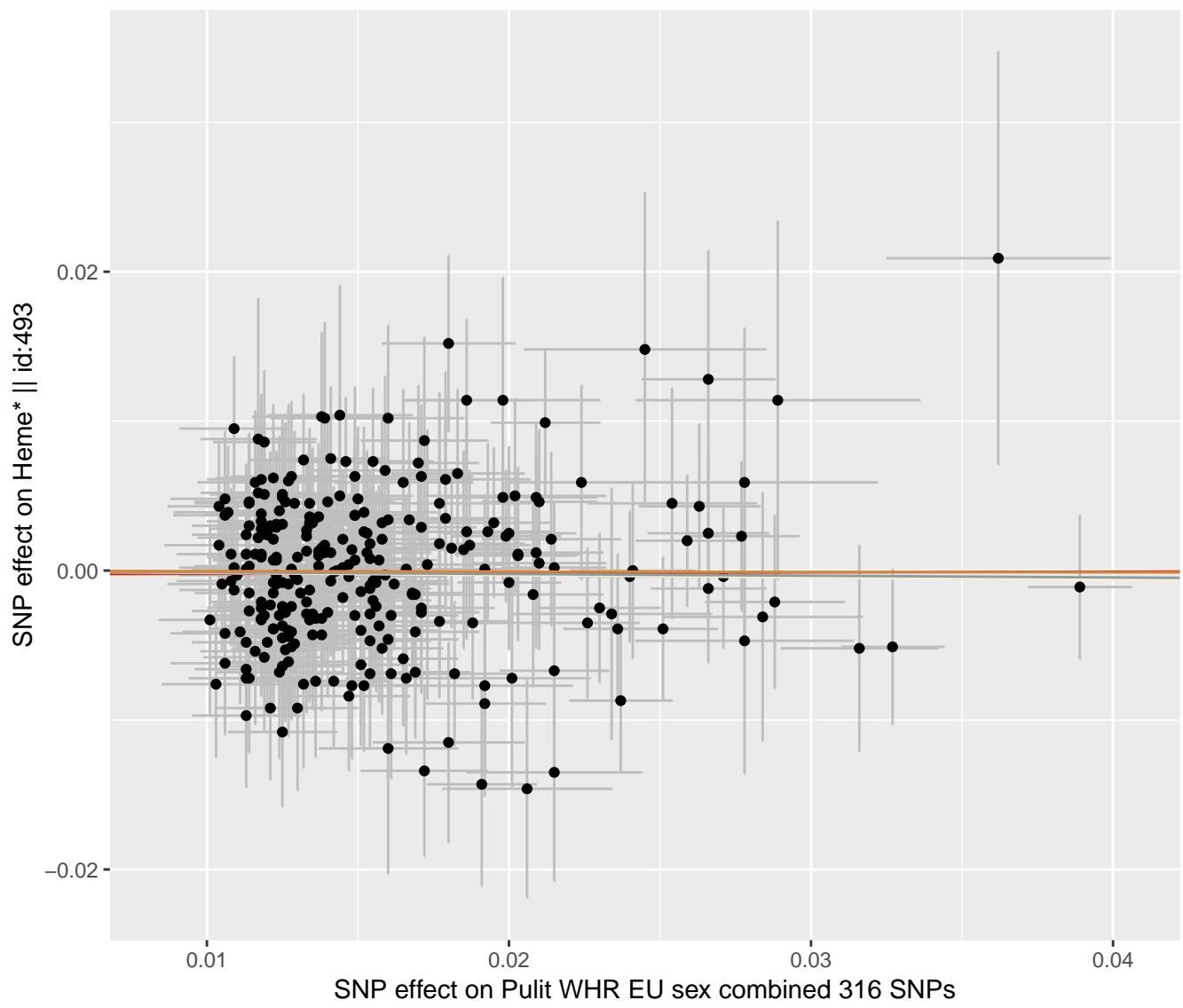
MR Egger



Weighted median

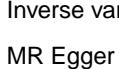


Weighted mode



MR Test

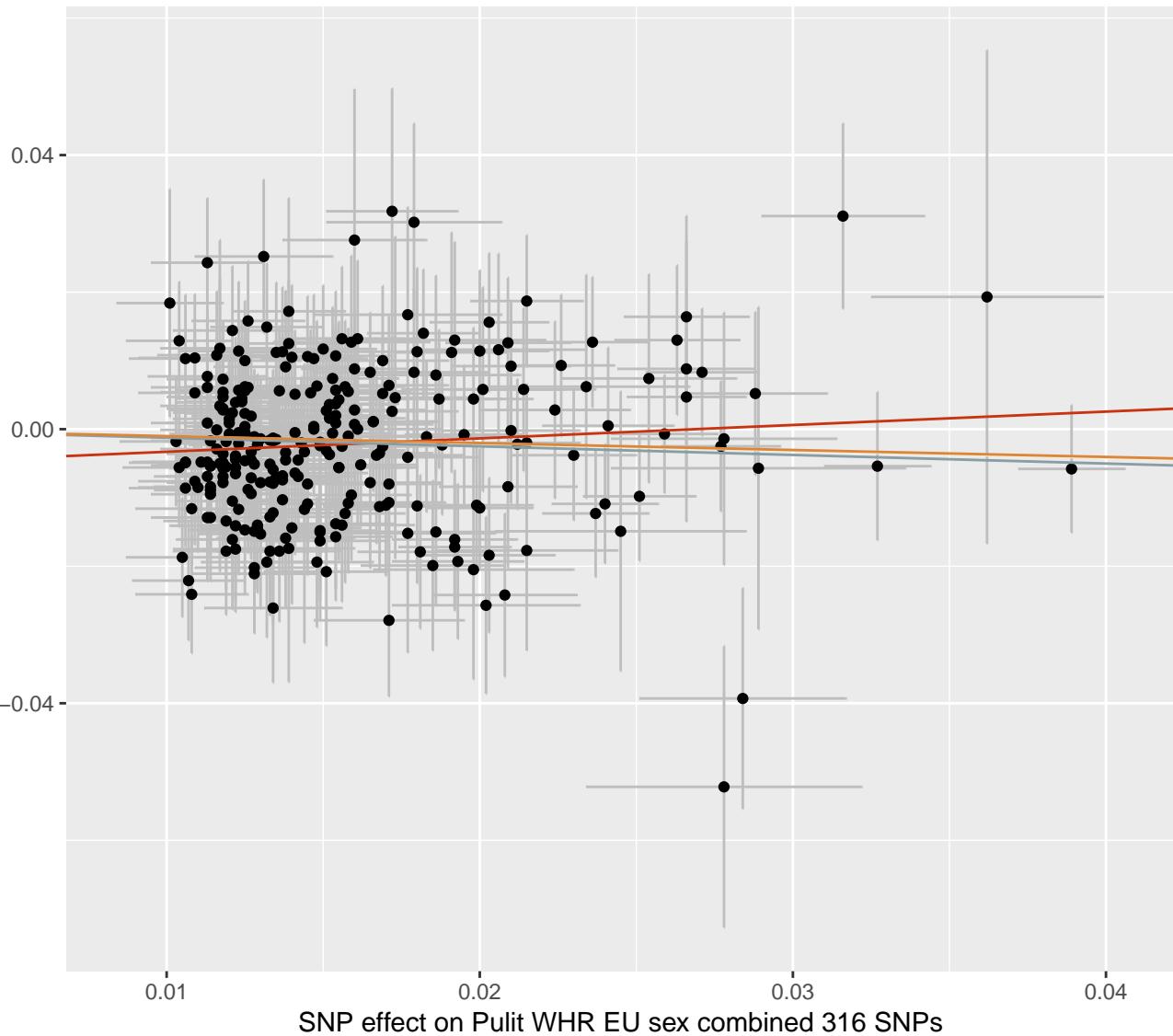
 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode

SNP effect on X-11299 || id:494



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-11315 || id:495

0.04

0.02

0.00

-0.02

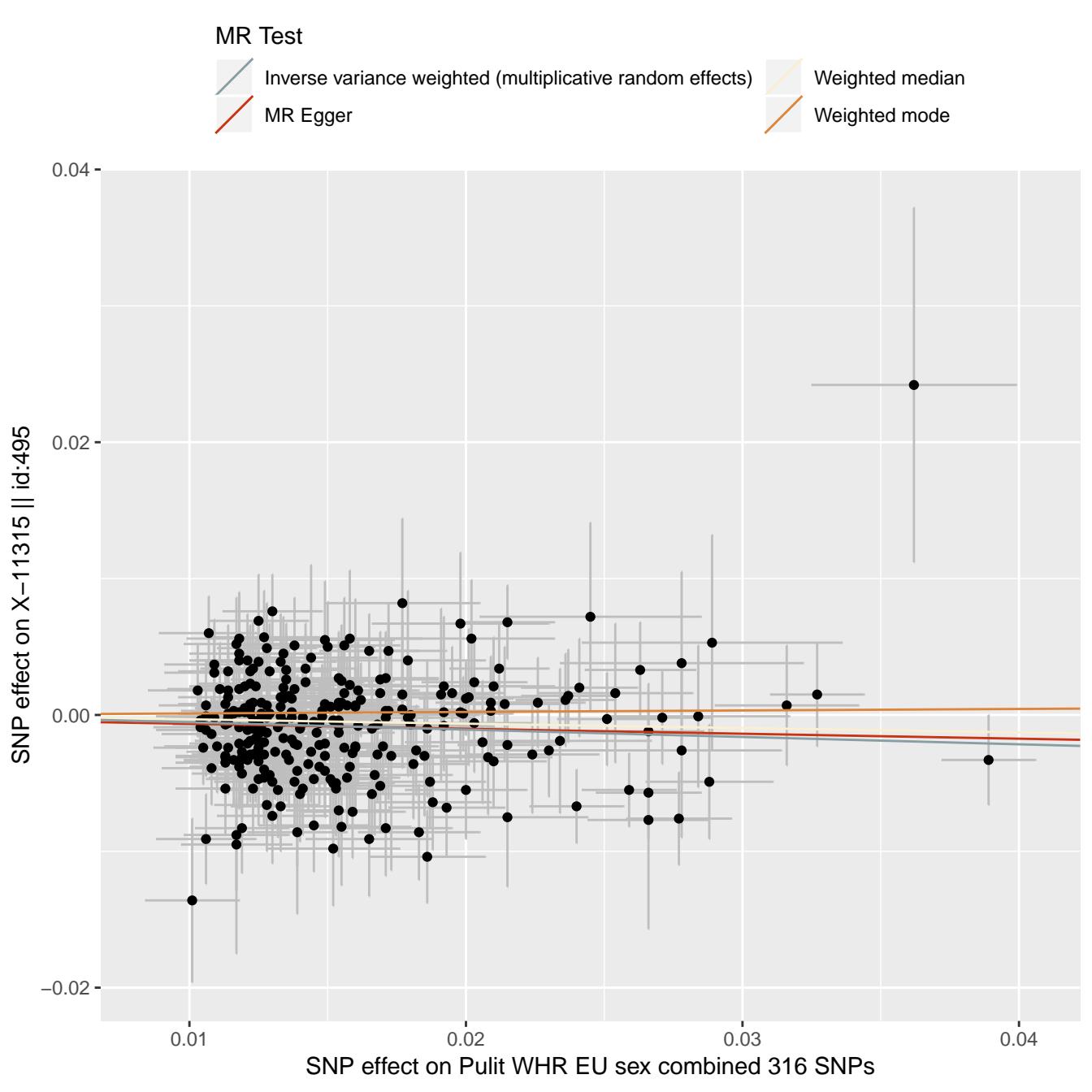
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-11317 || id:496

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

-0.01

MR Test



Inverse variance weighted (multiplicative random effects)



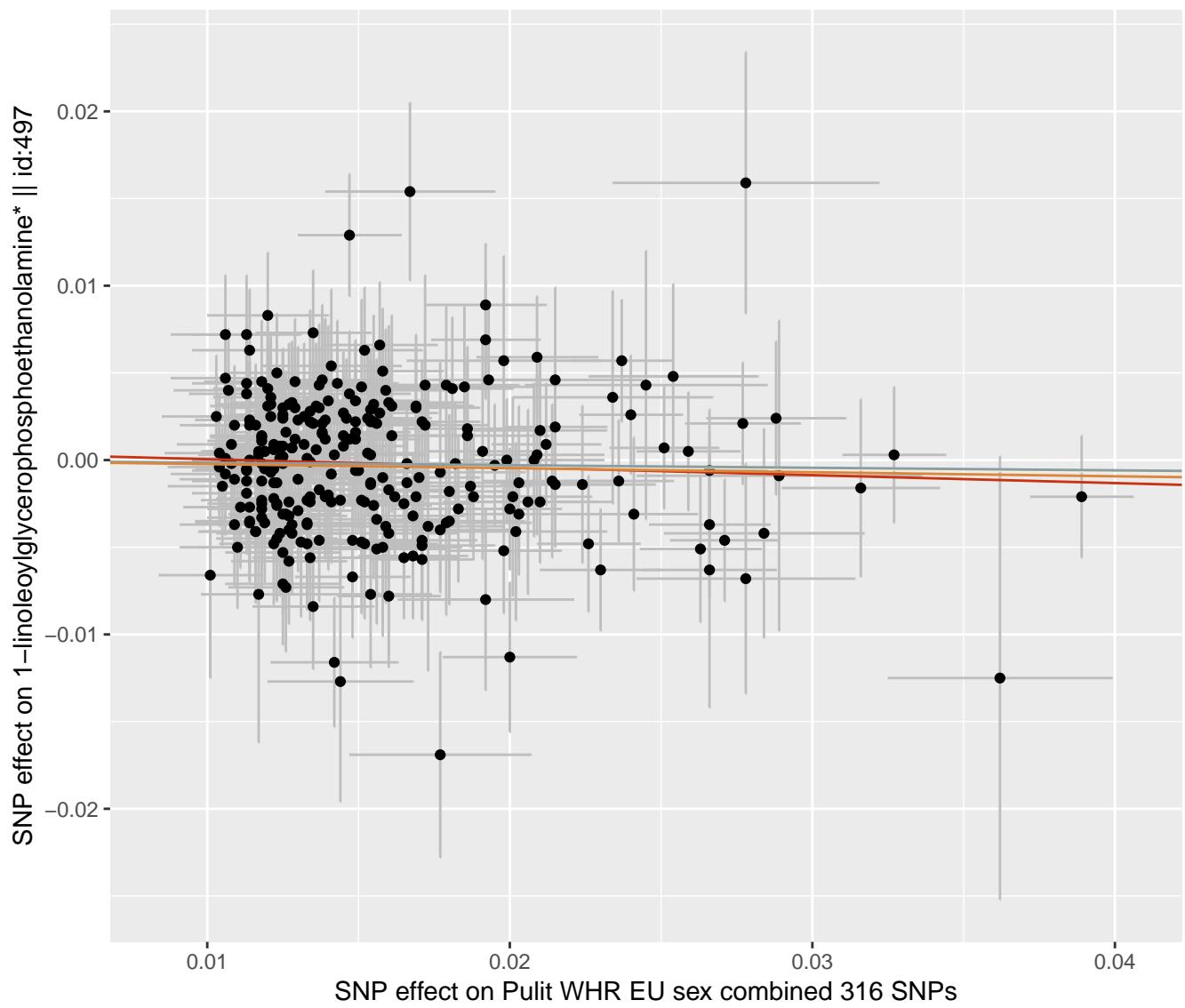
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



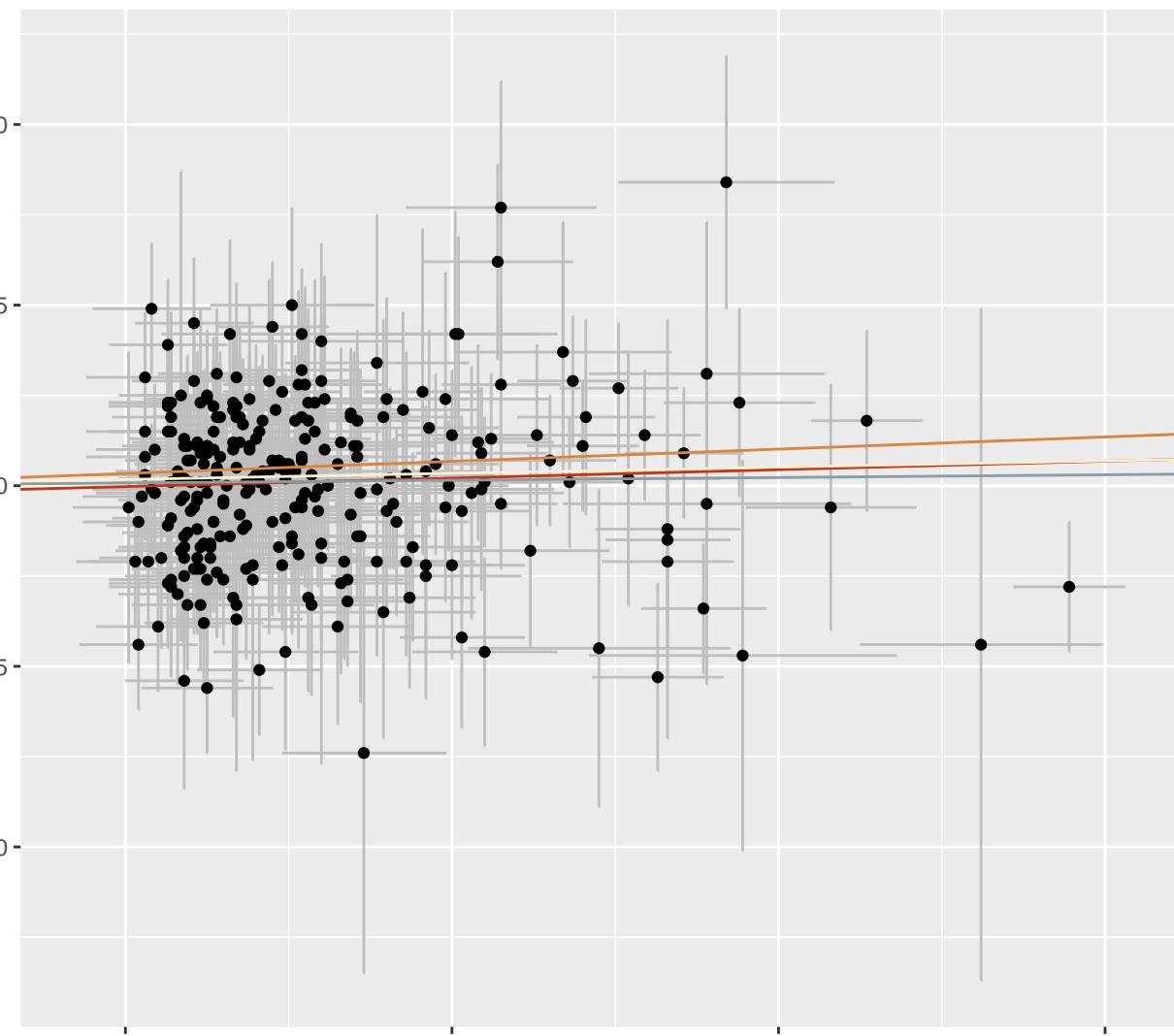
Weighted median



Weighted mode

SNP effect on X-11327 || id:498

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



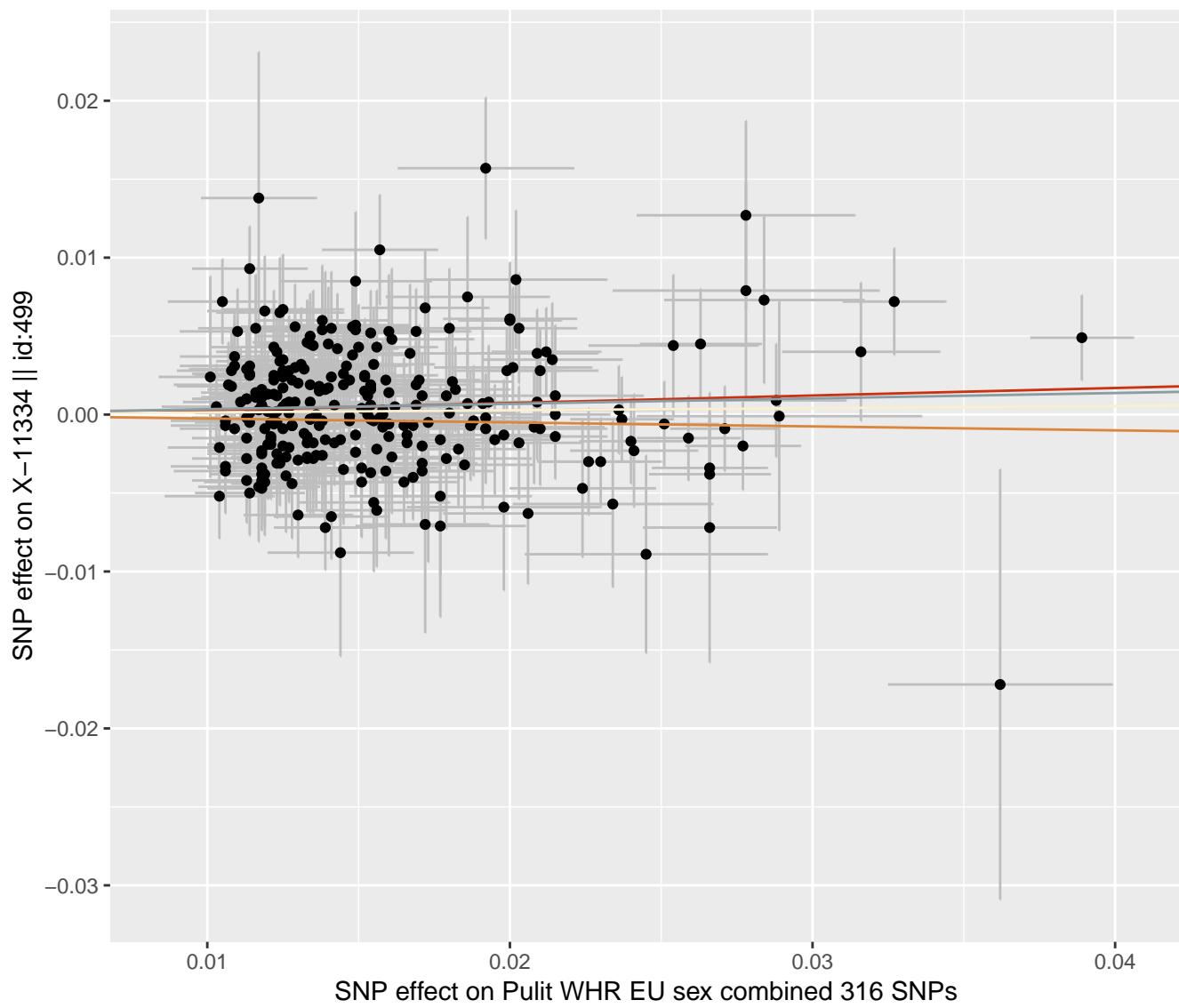
MR Egger



Weighted median

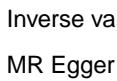


Weighted mode



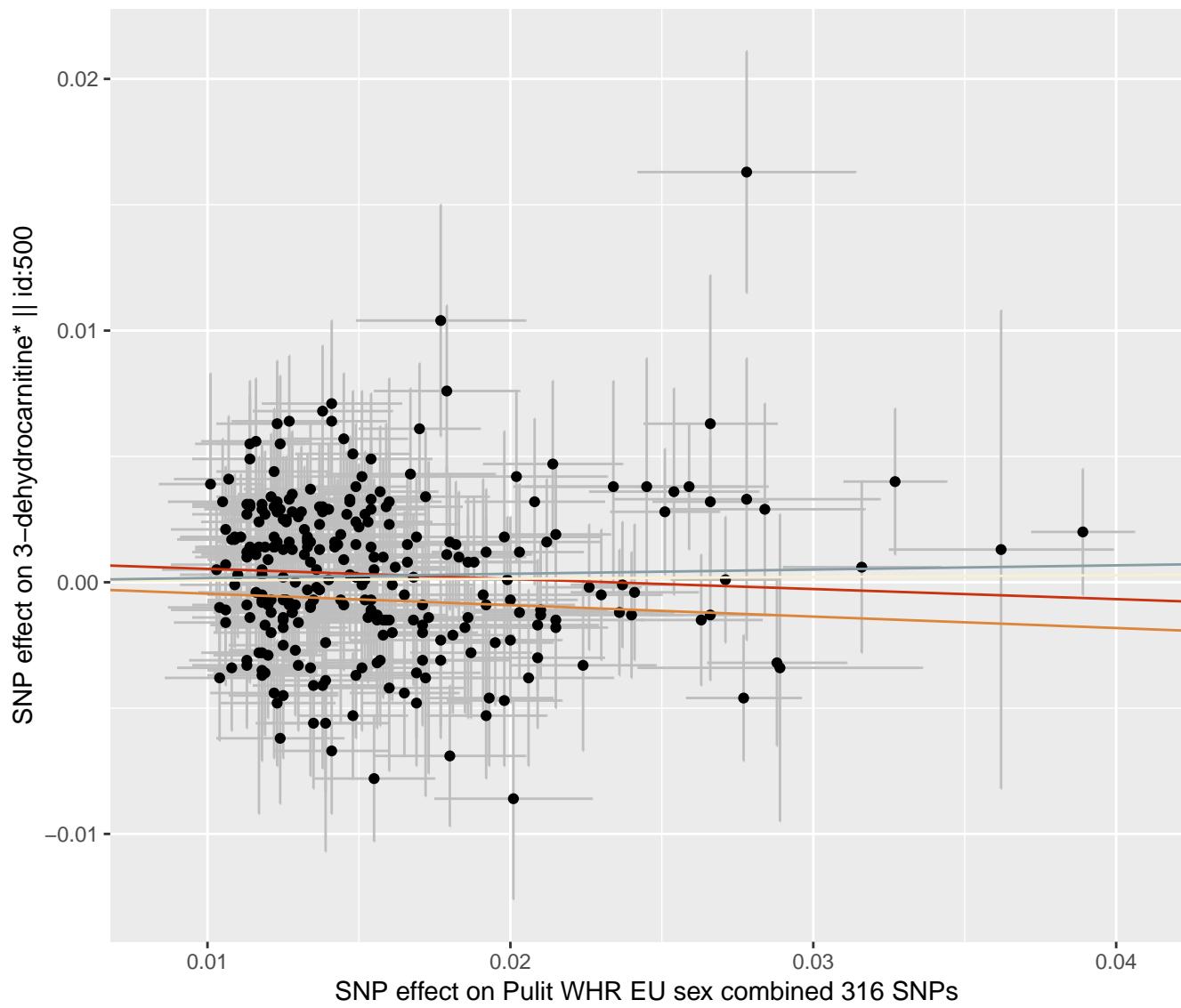
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

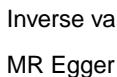
 Weighted median

 Weighted mode



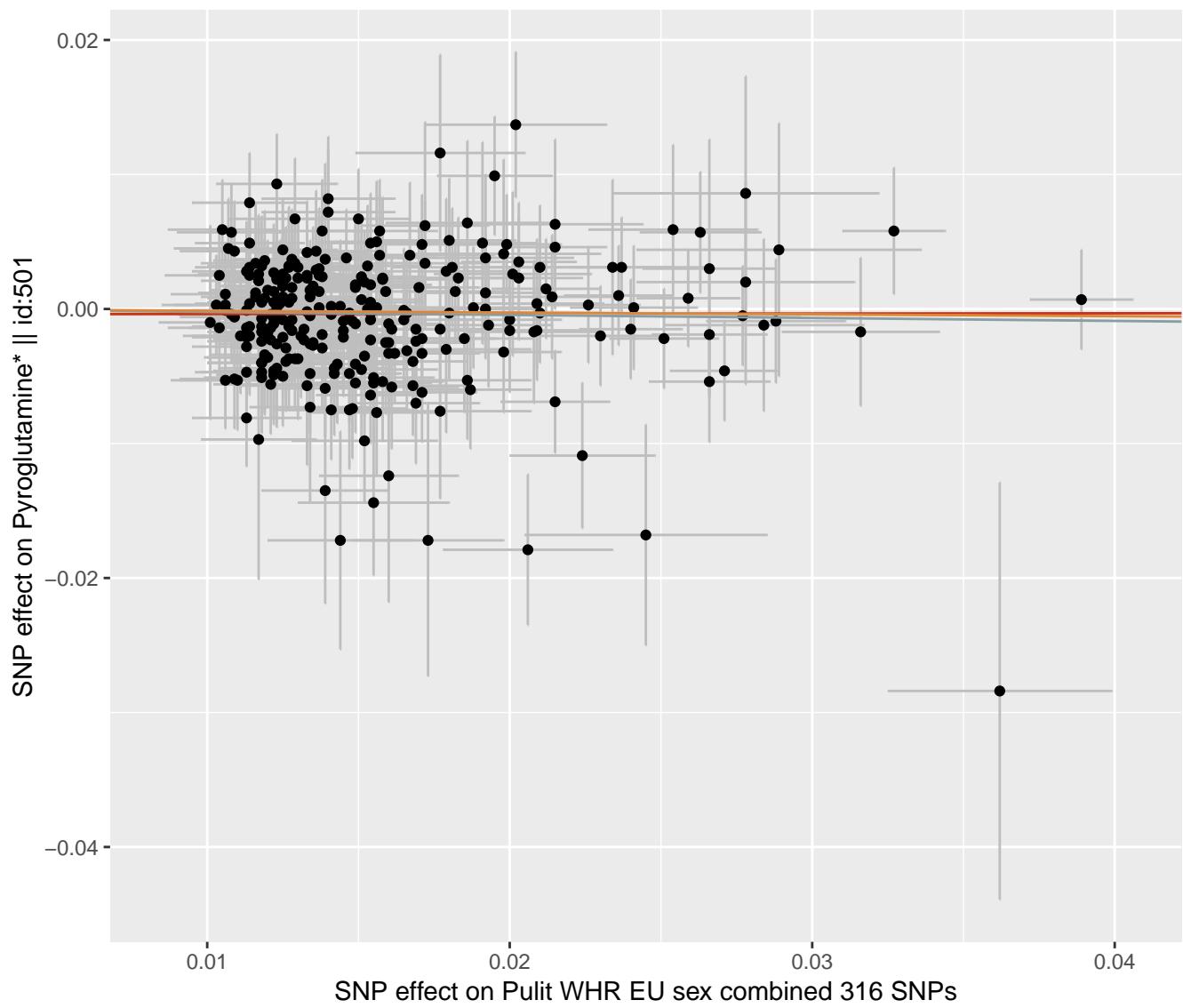
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



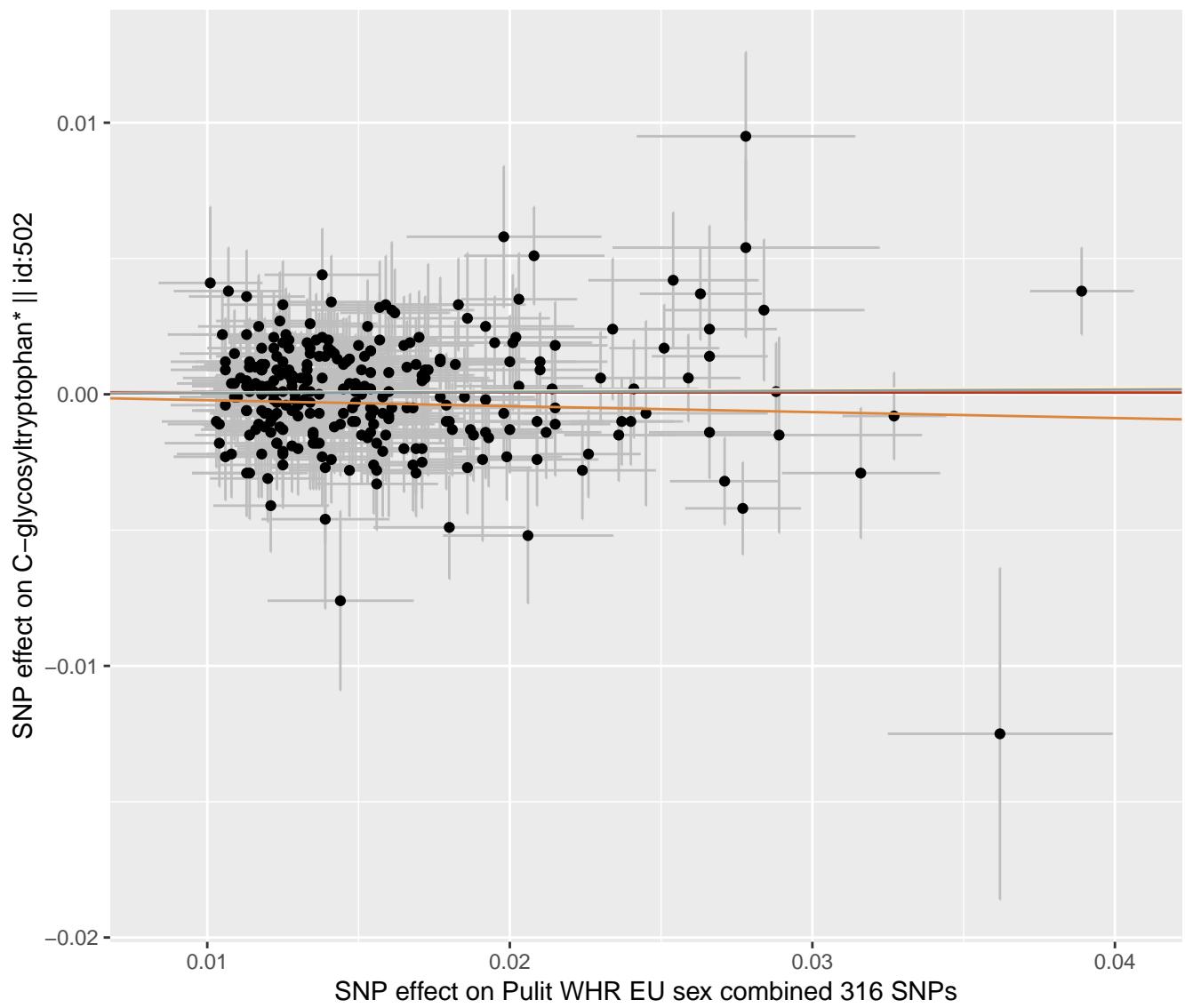
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

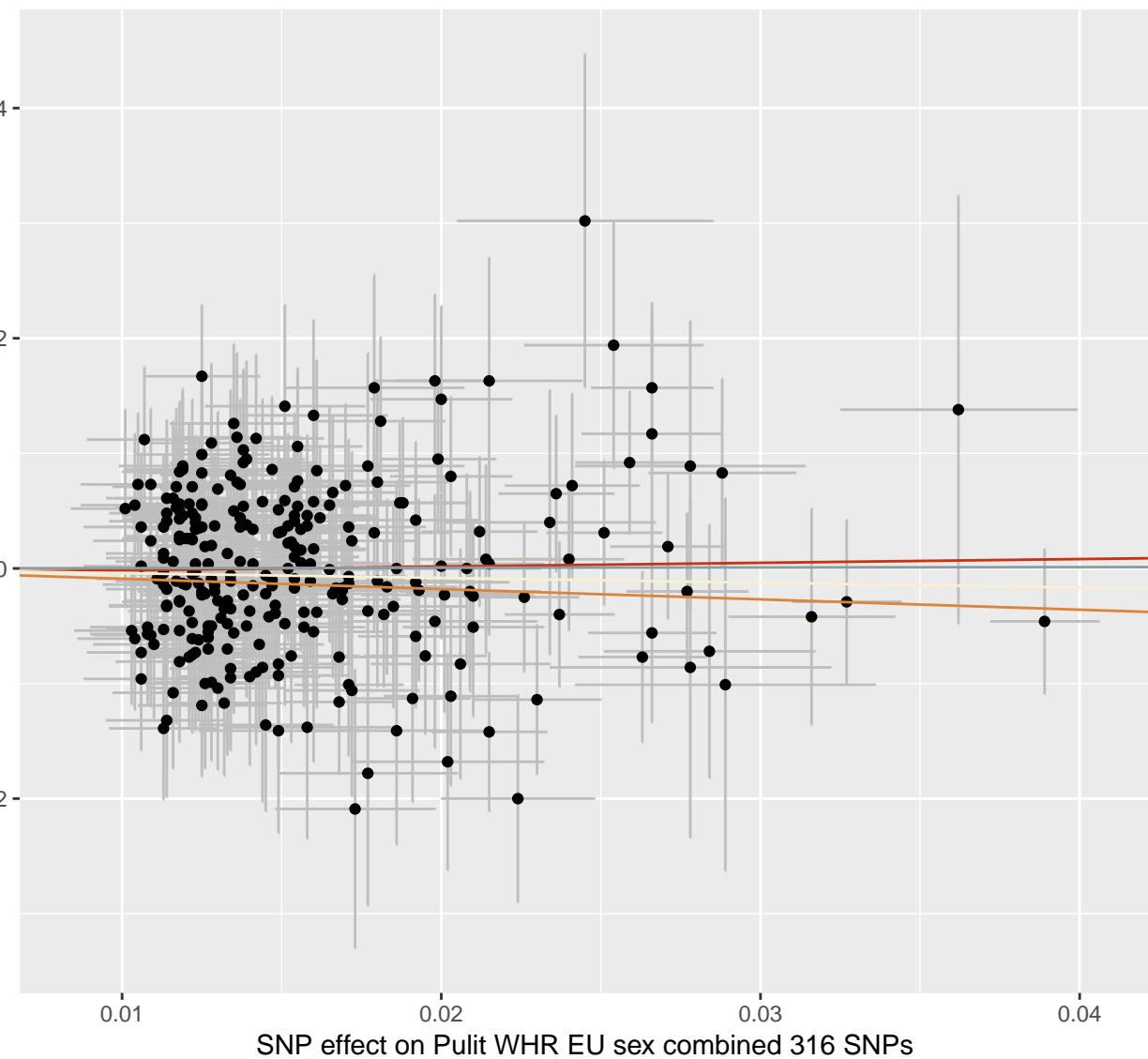


Weighted median



Weighted mode

SNP effect on X-11374 || id:503



SNP effect on Pult WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



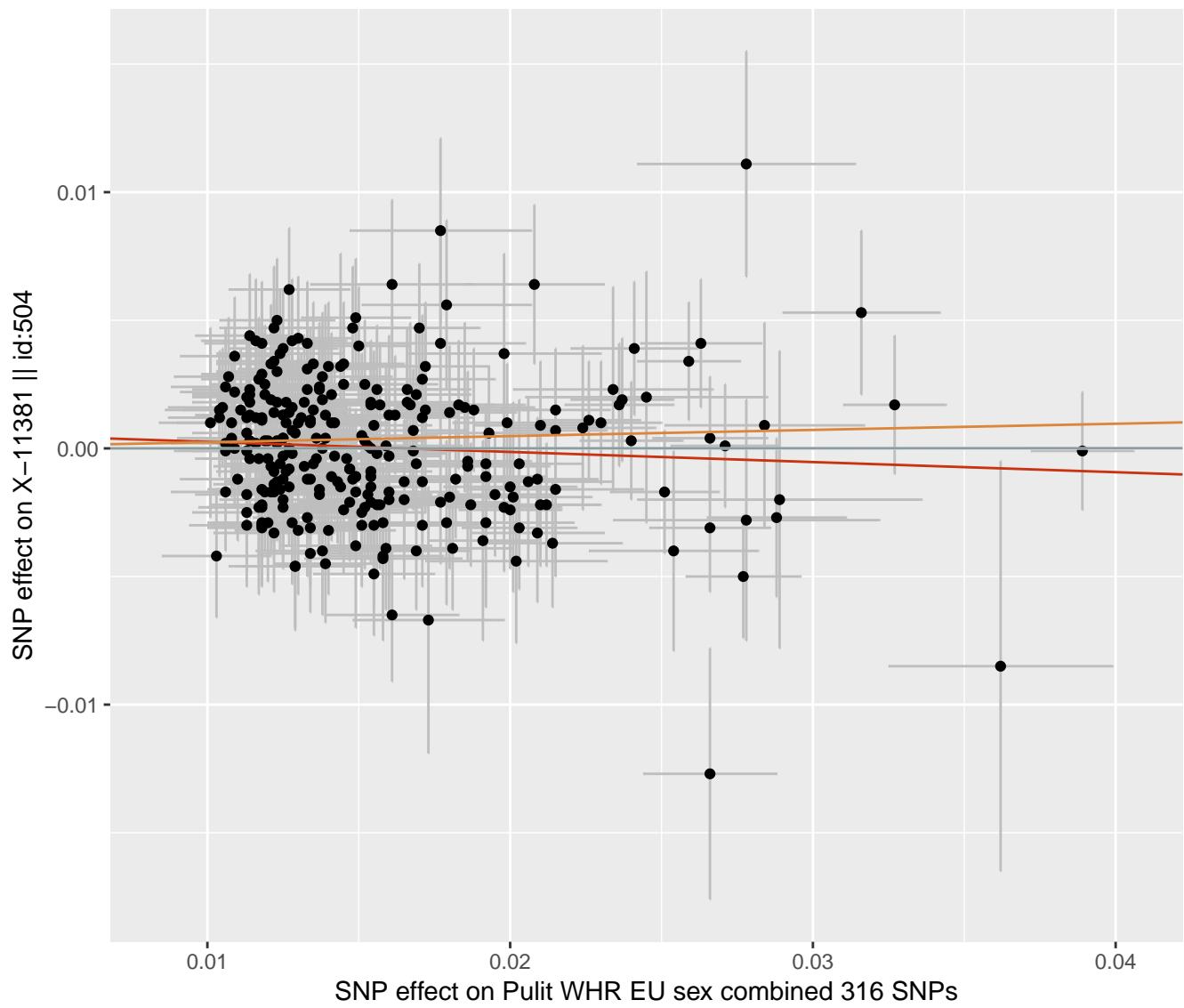
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



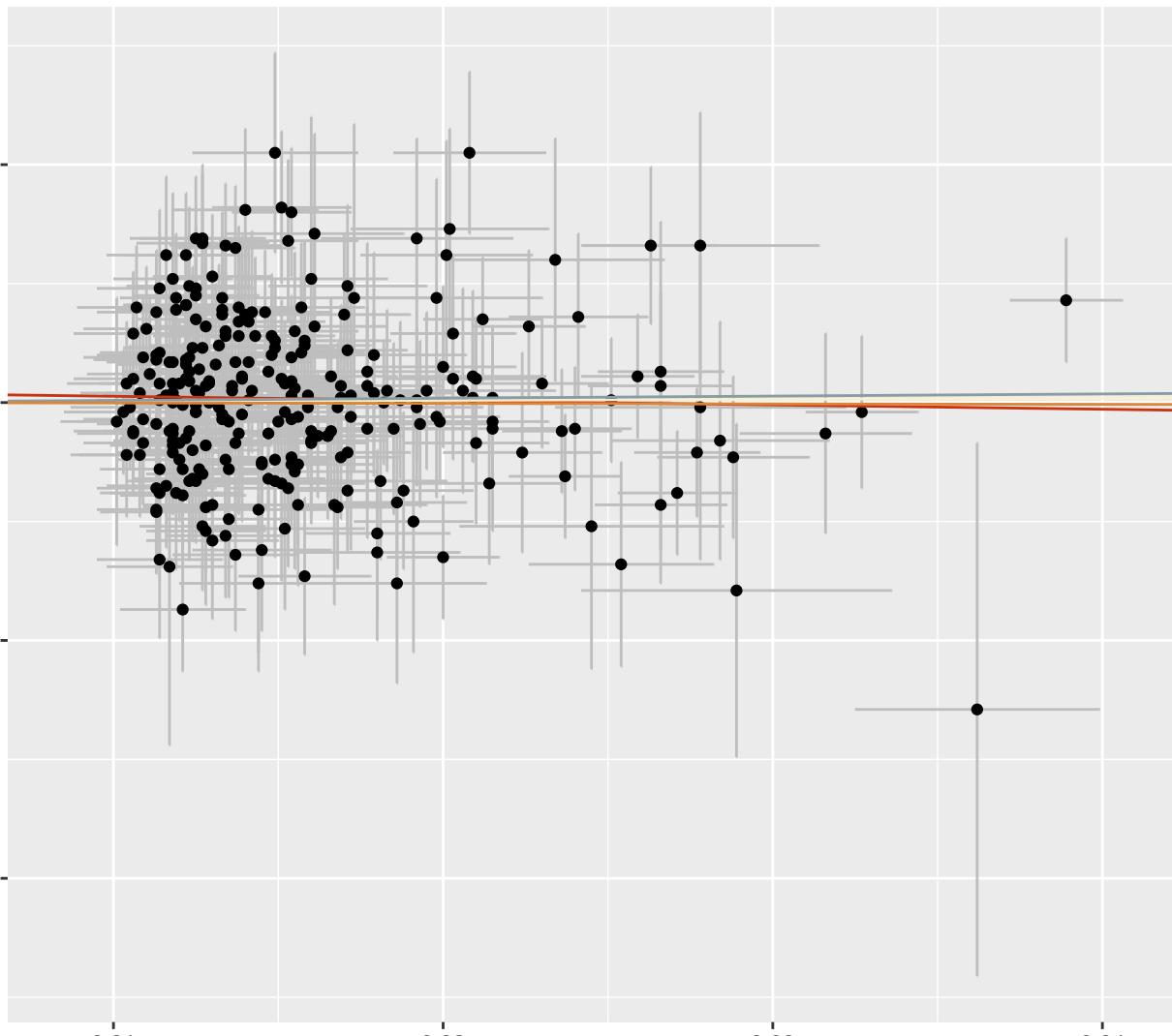
Weighted median



Weighted mode

SNP effect on X-03056--N-[3-(2-Oxopyrrolidin-1-yl)propyl]acetamide || id:505

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



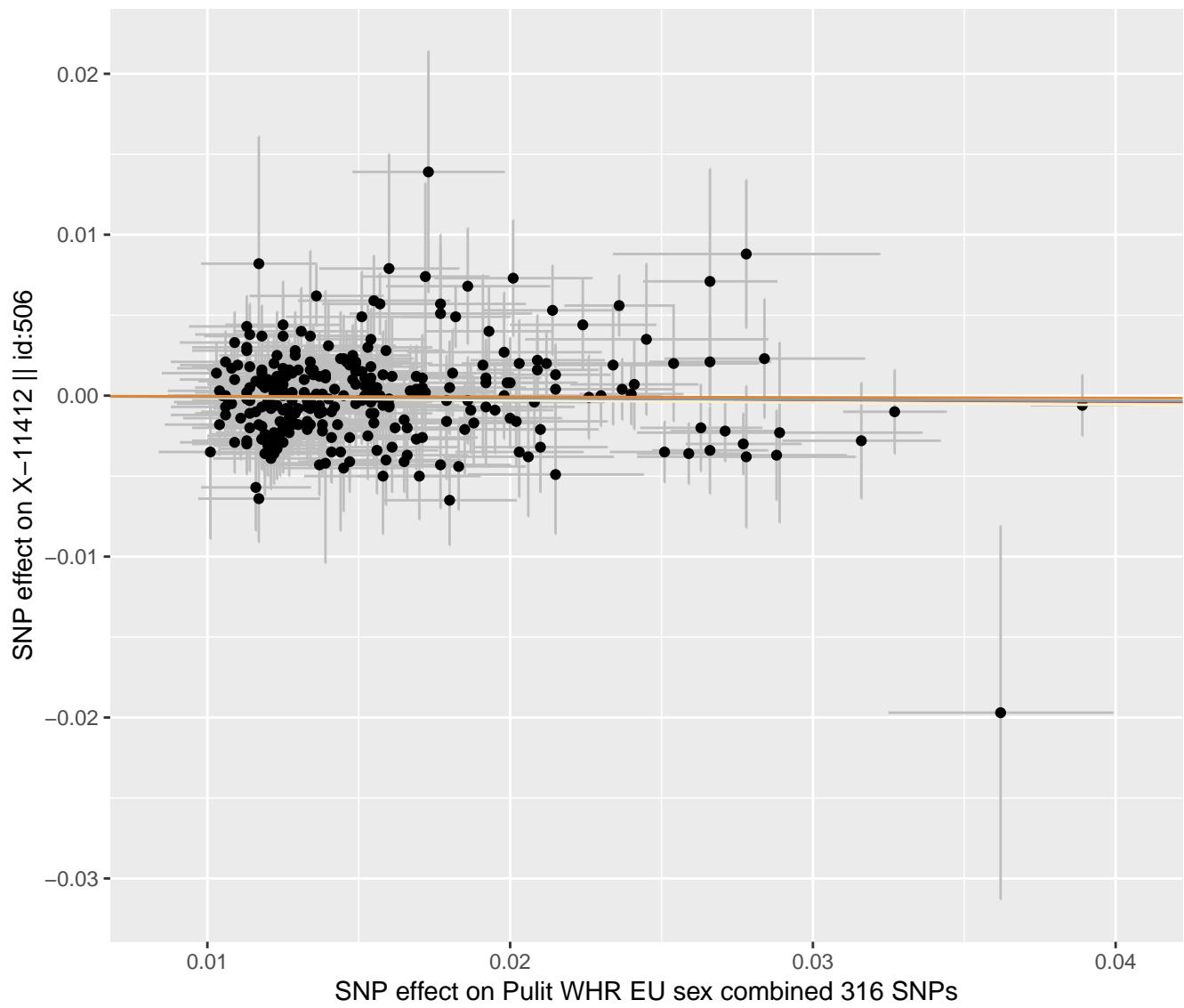
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



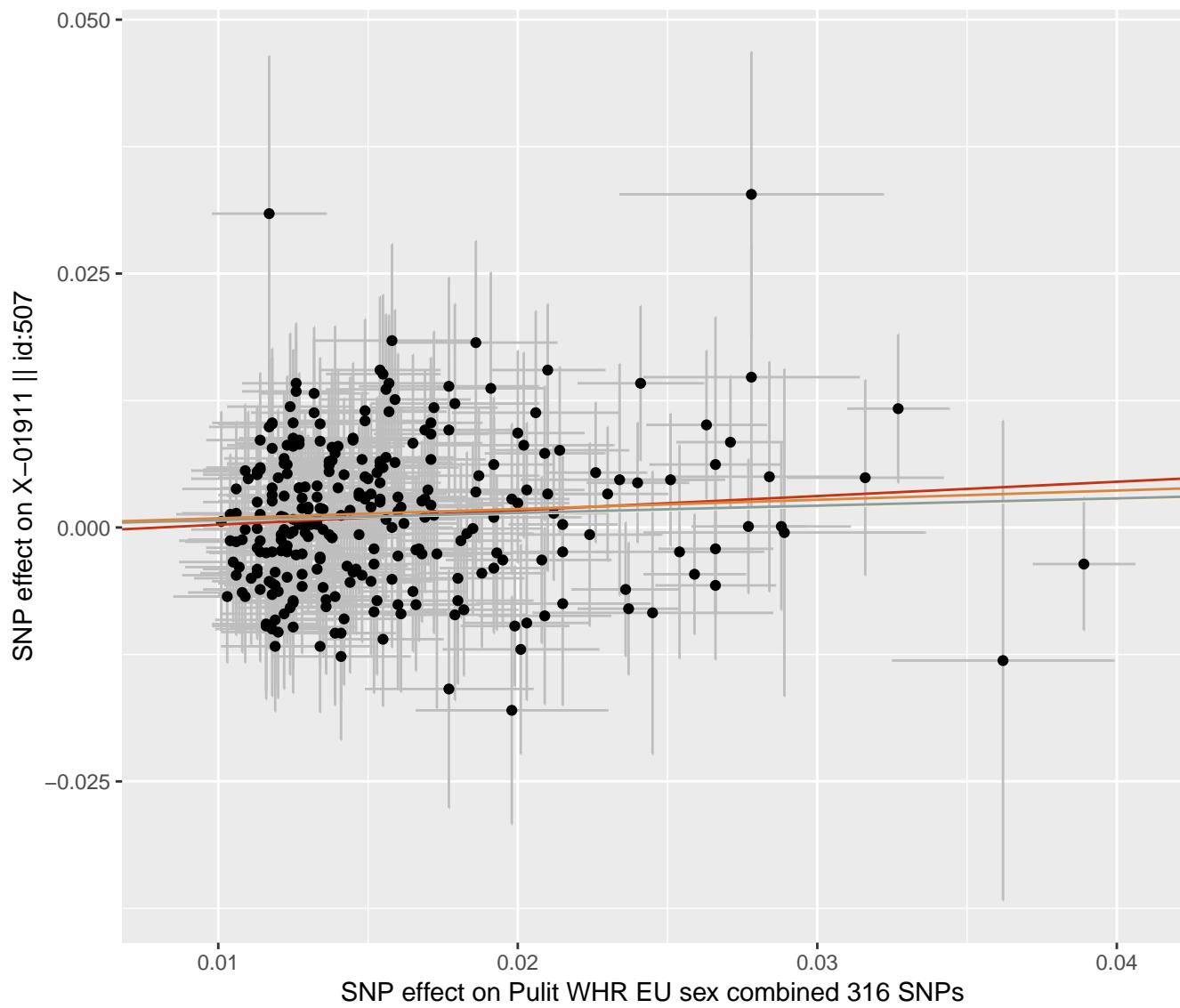
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



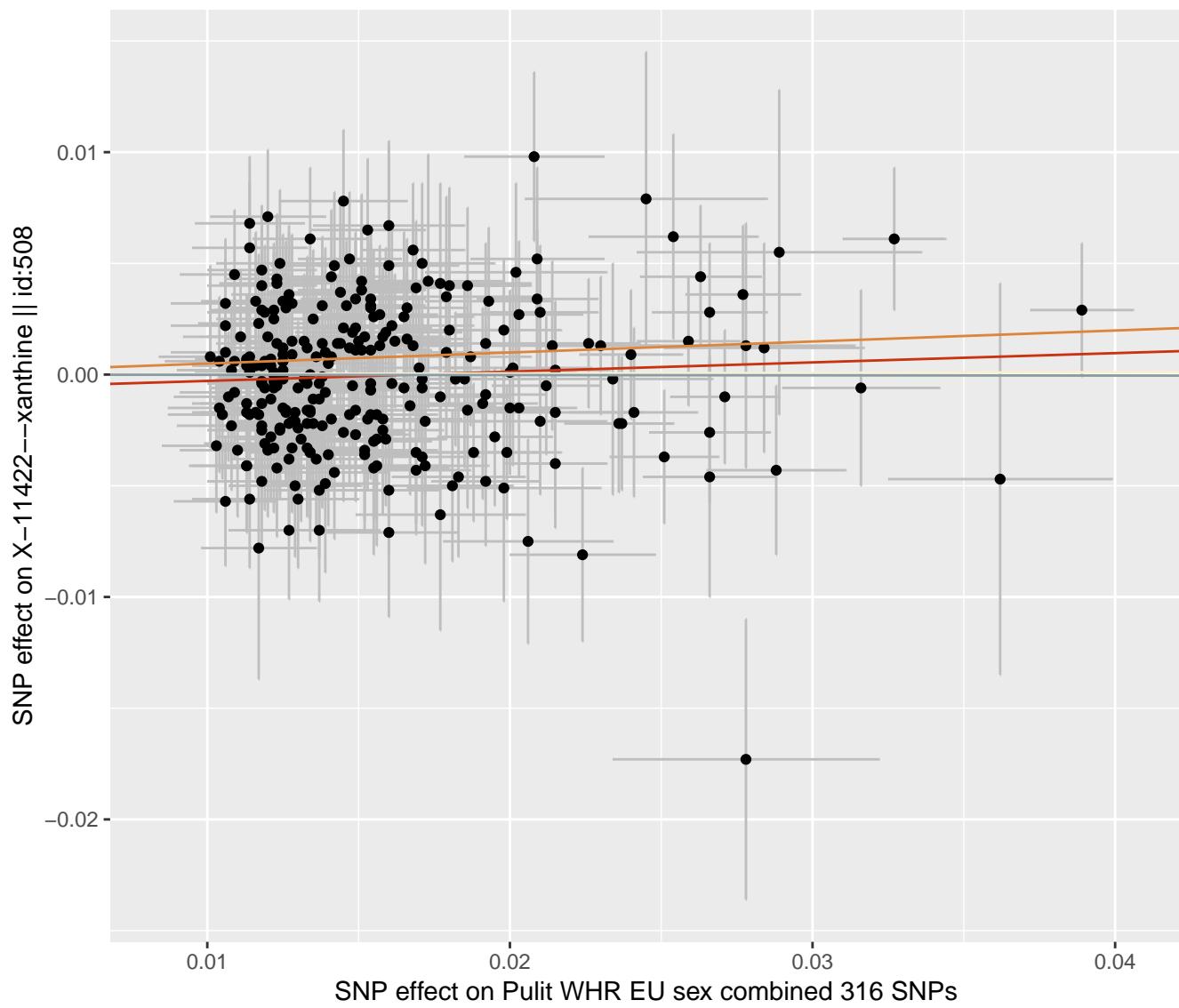
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



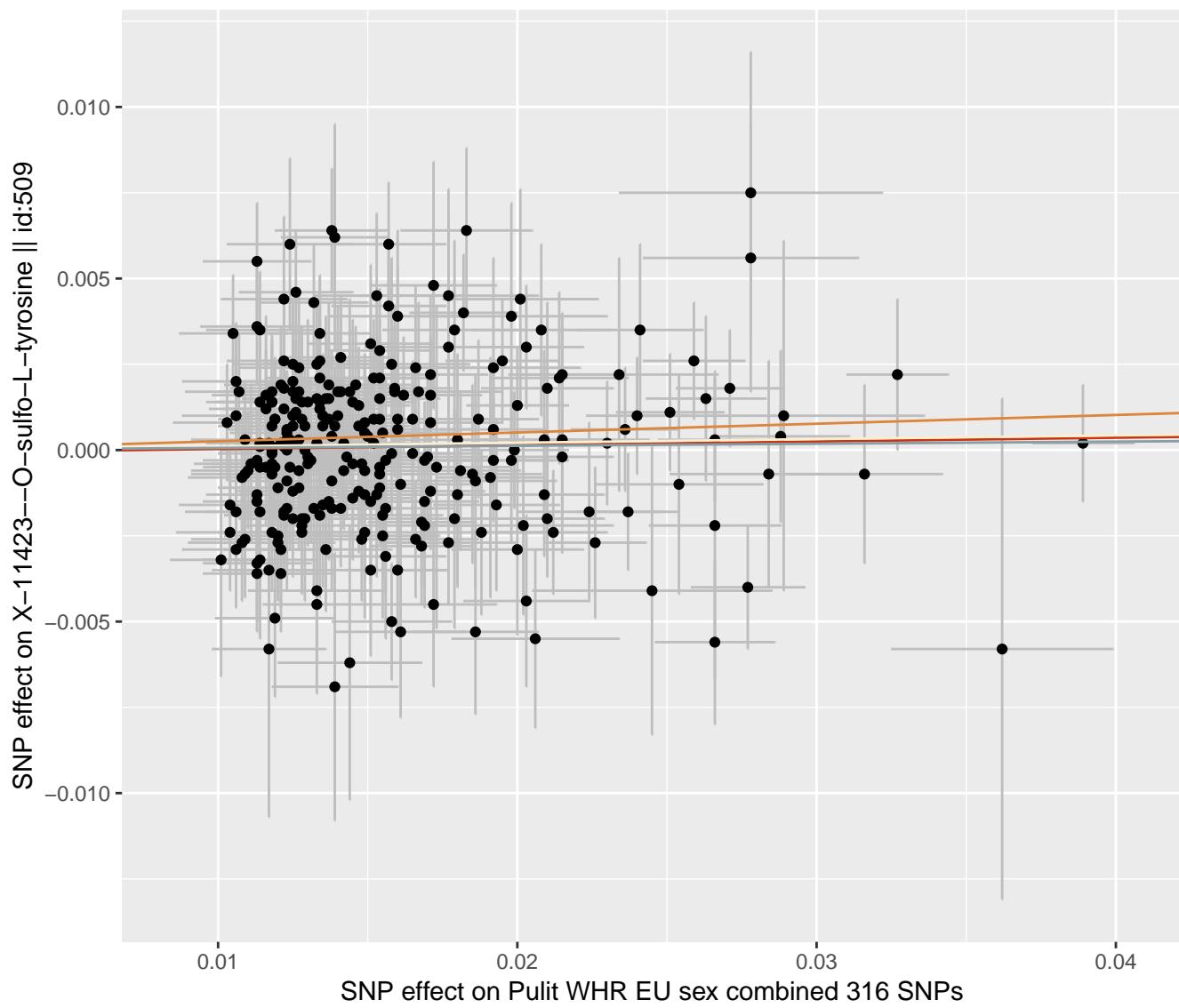
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



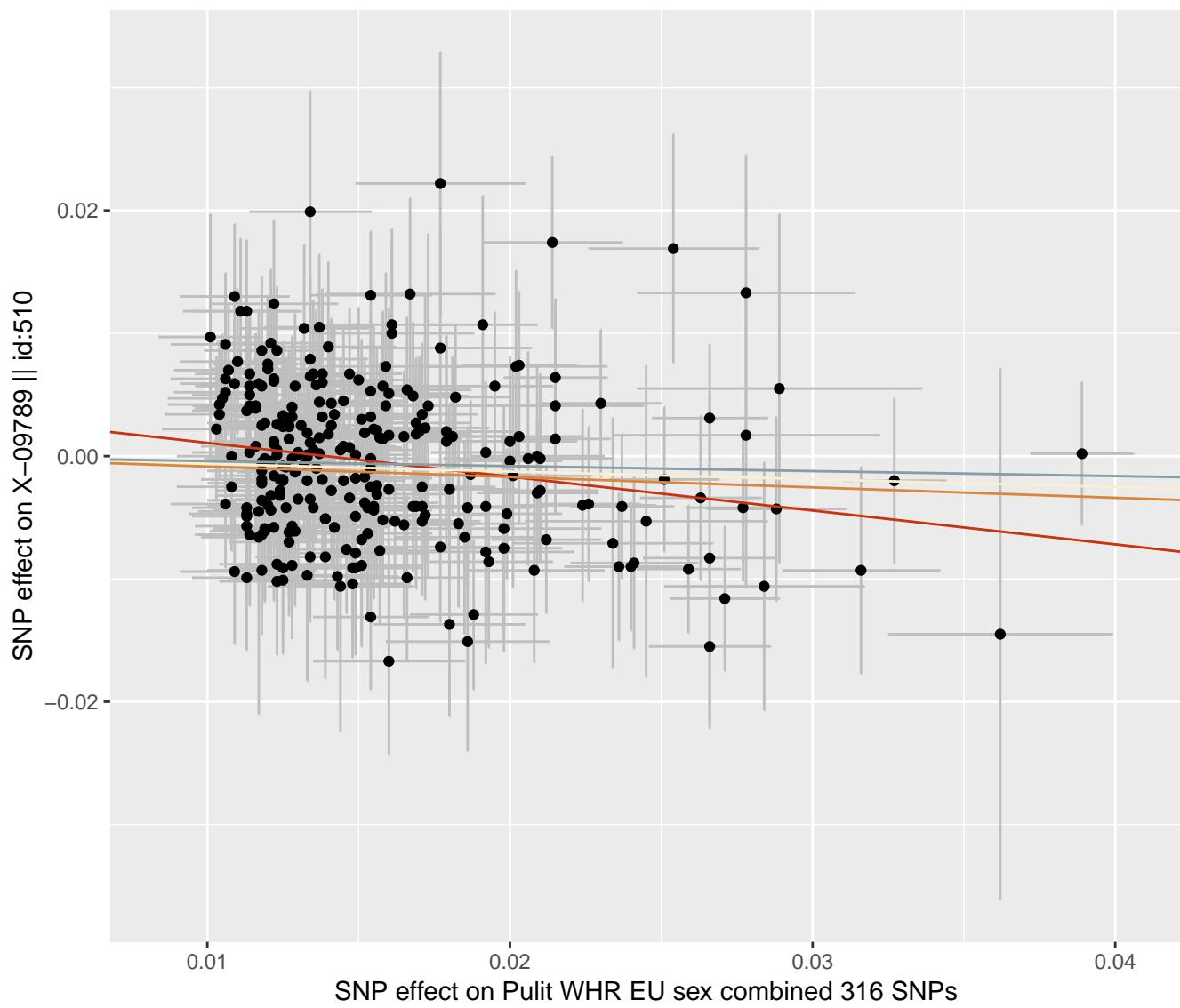
MR Egger



Weighted median



Weighted mode



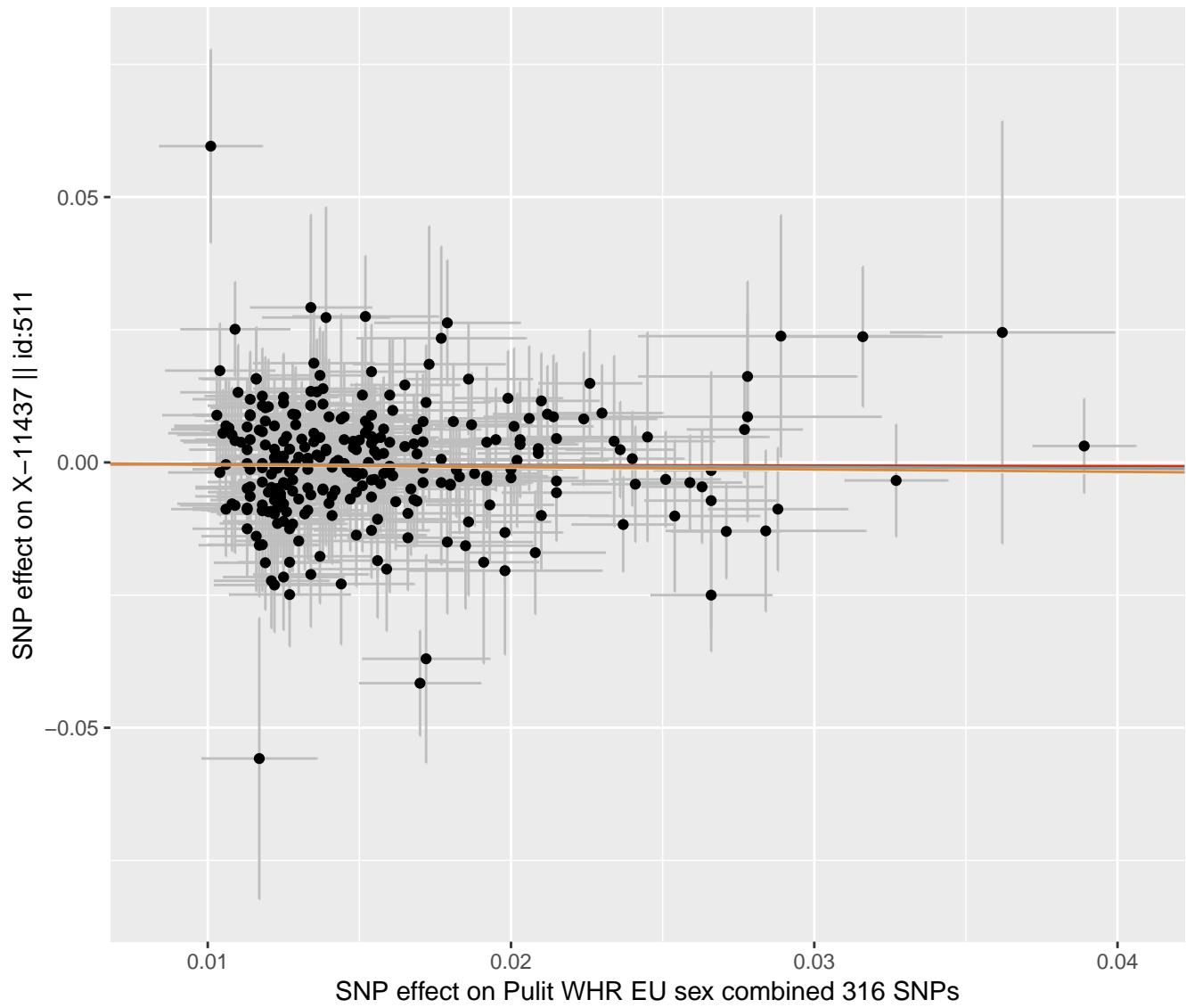
MR Test

Inverse variance weighted (multiplicative random effects)

MR Egger

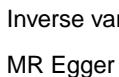
Weighted median

Weighted mode



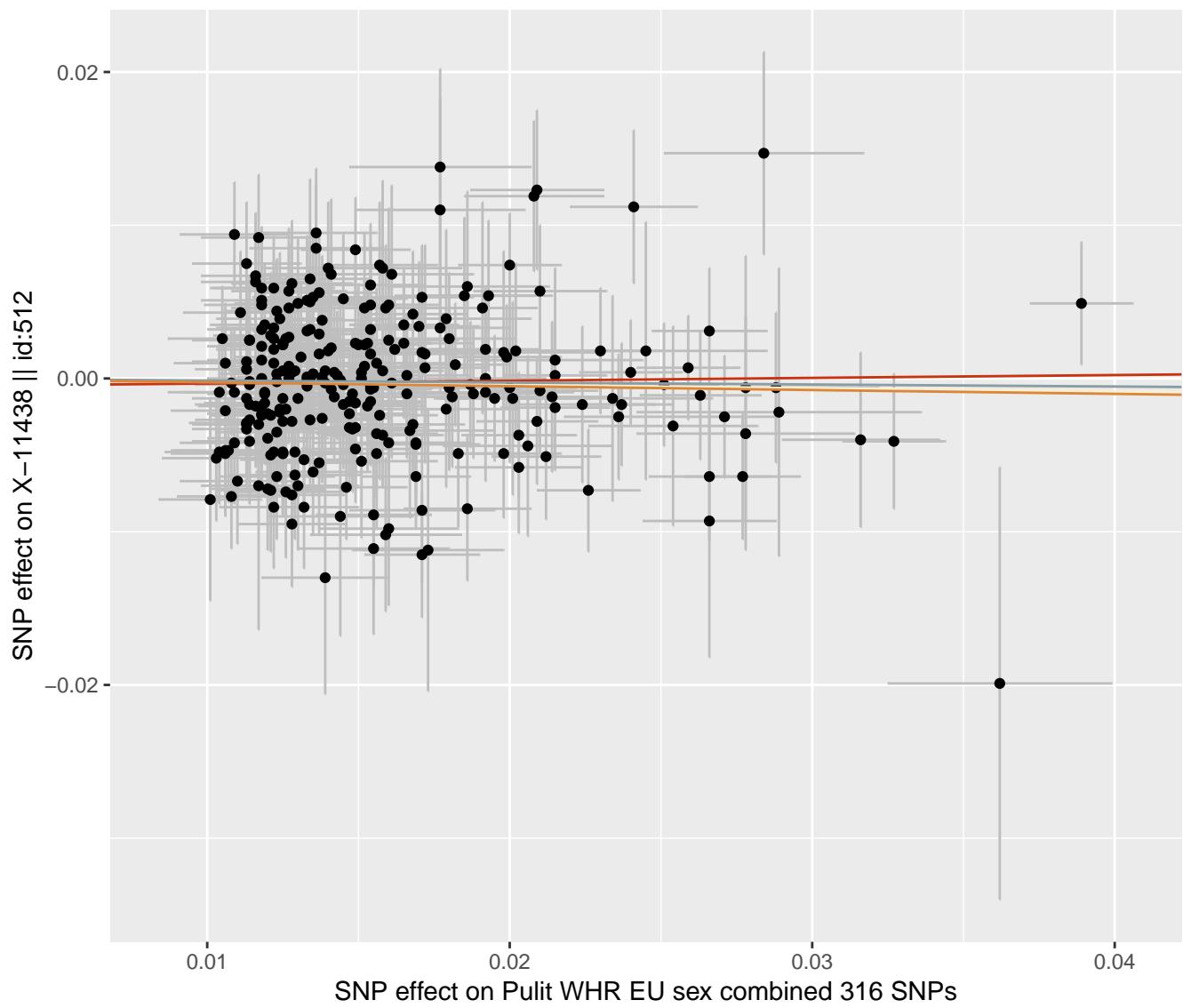
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



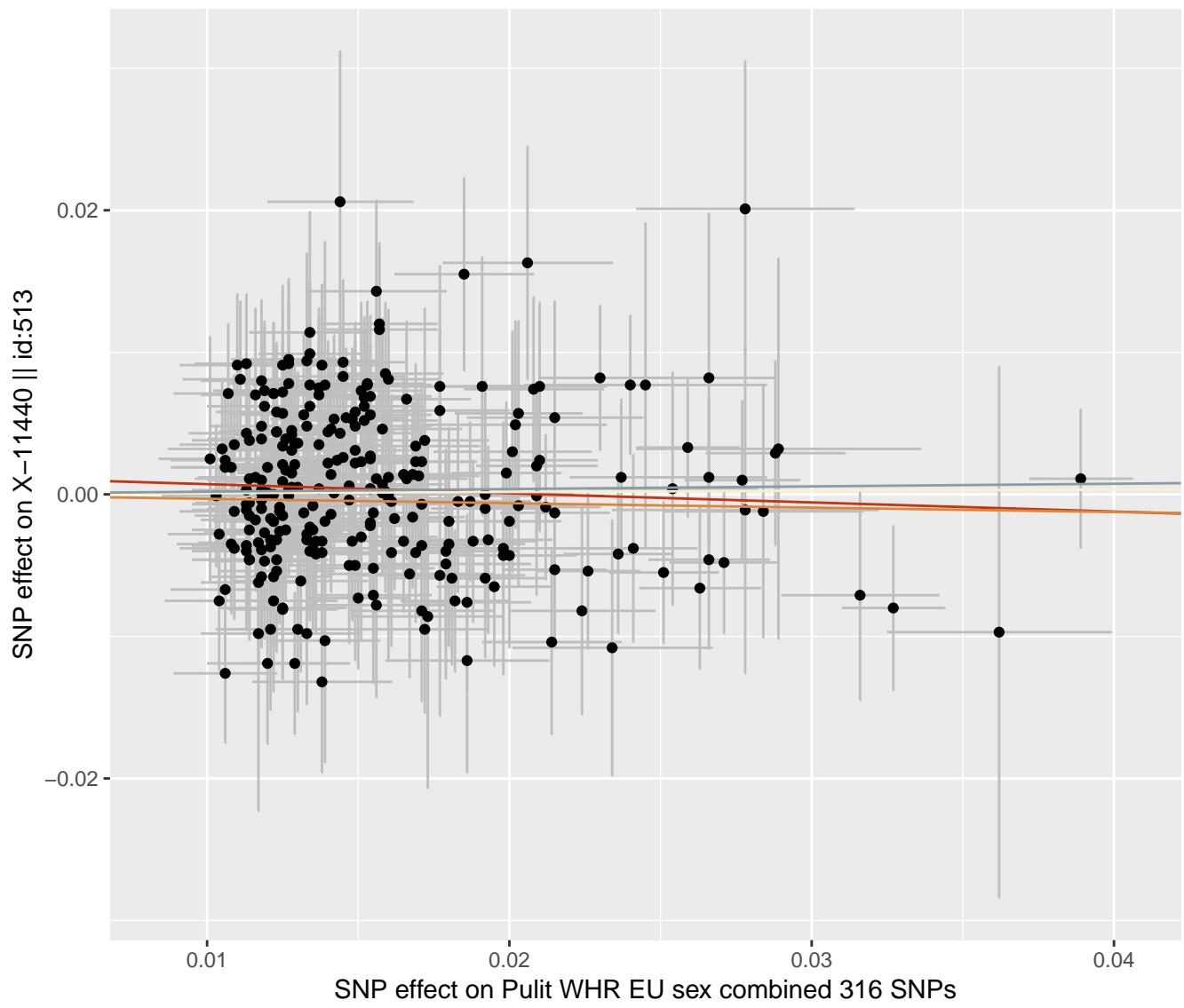
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

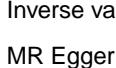
 Weighted median

 Weighted mode

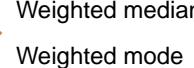


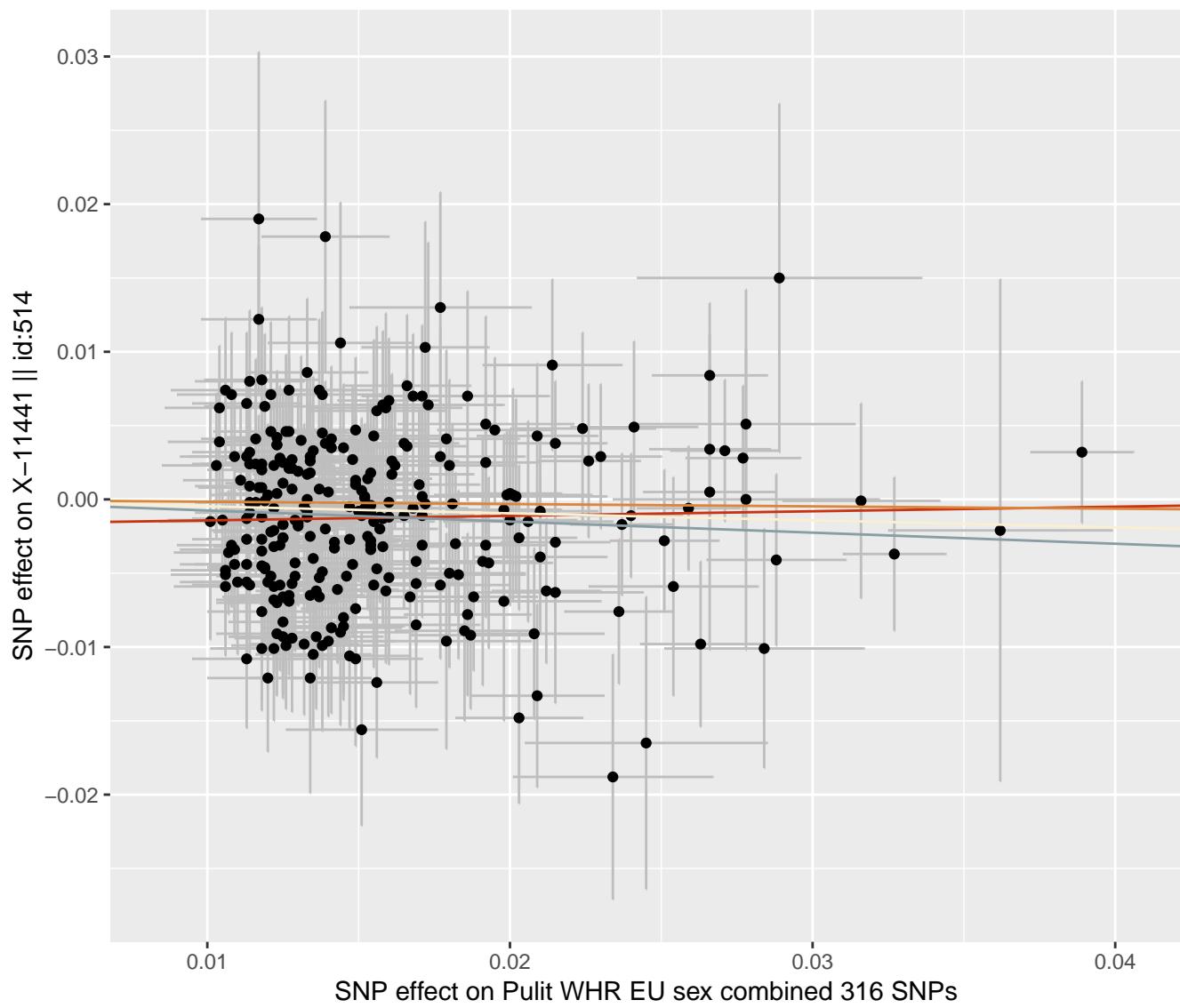
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

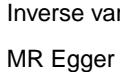
 Weighted median

 Weighted mode



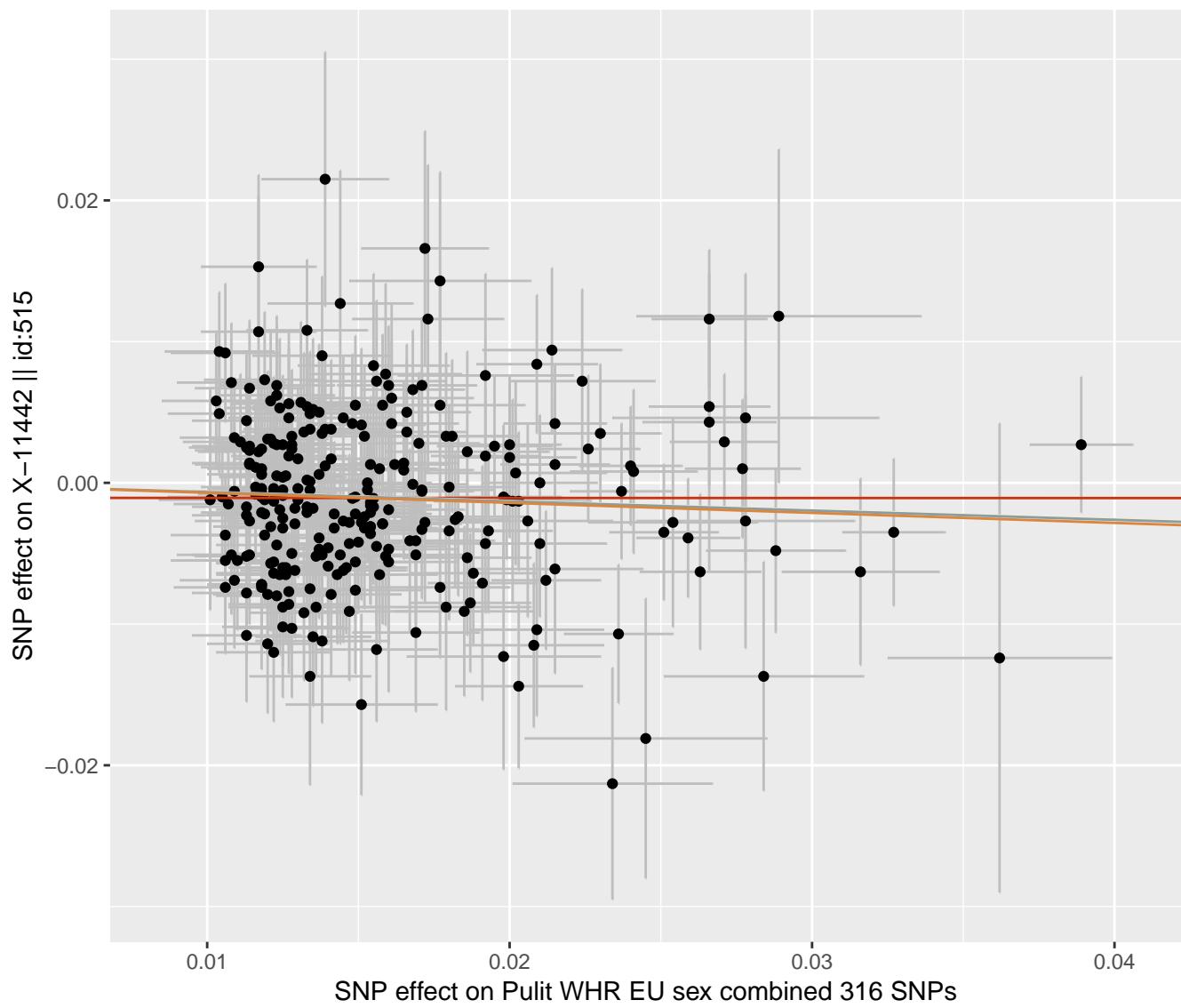
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



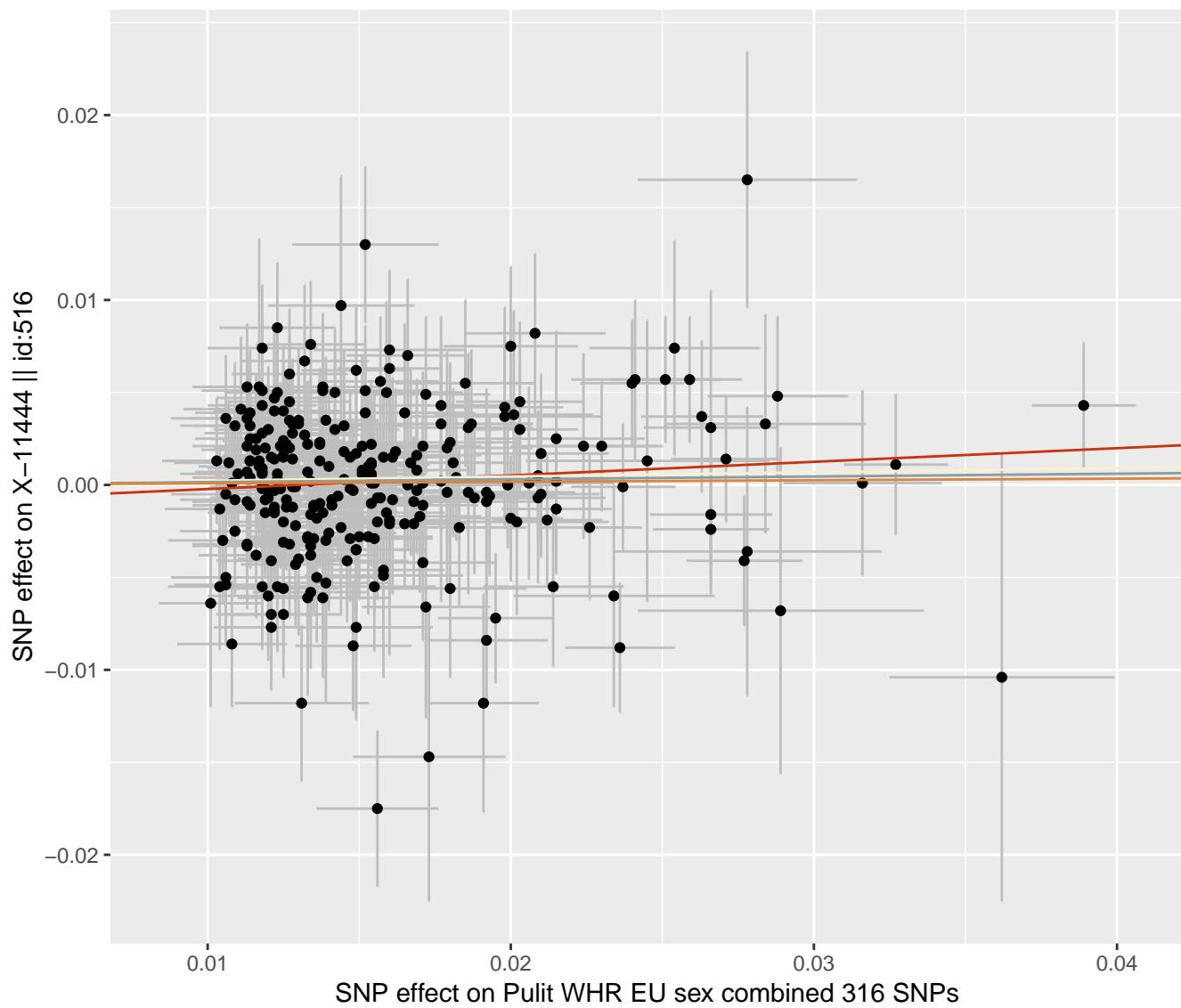
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



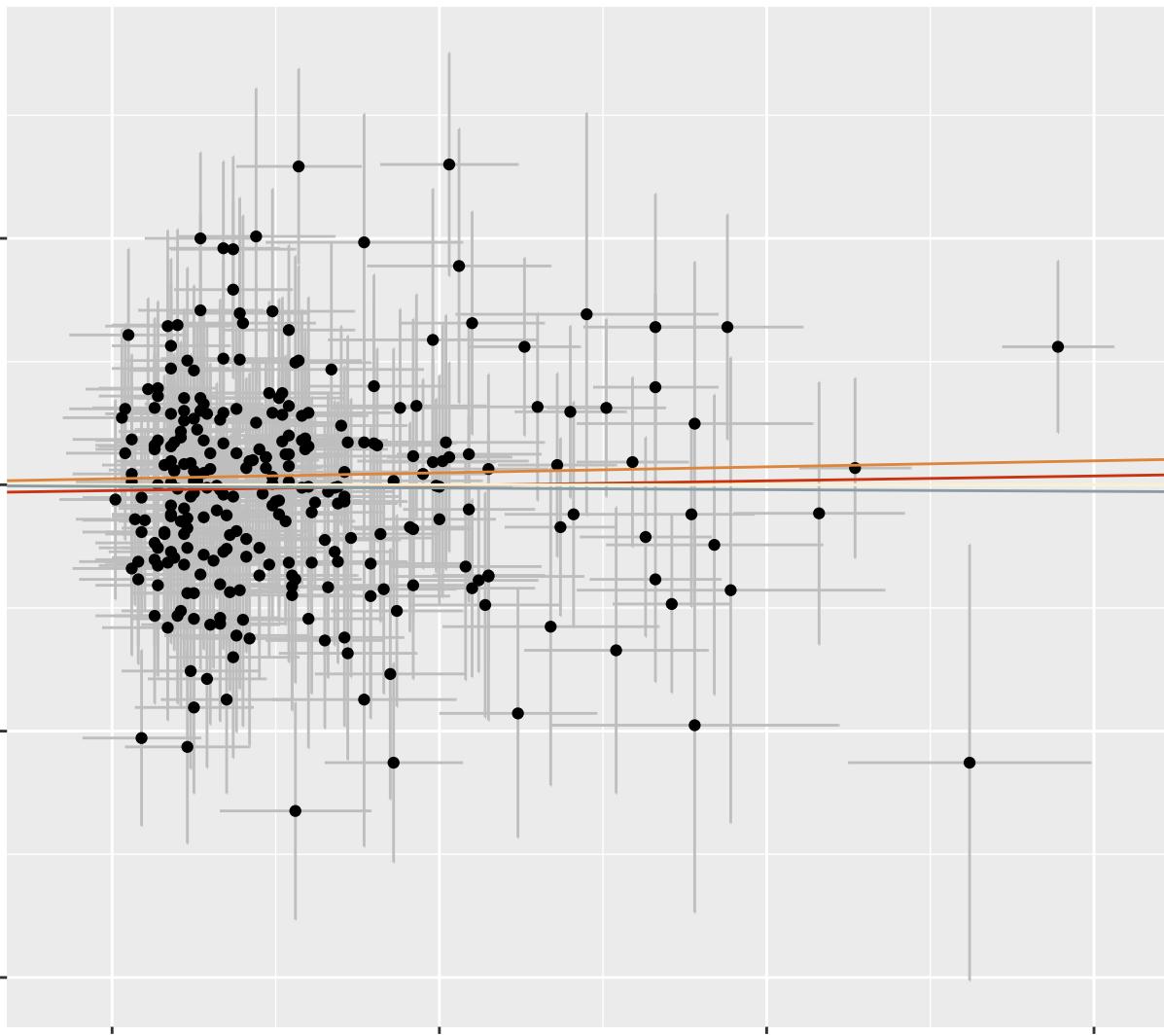
Weighted median



Weighted mode

SNP effect on X-11445--5-alpha-pregnan-3beta,20alpha-disulfate || id:517

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



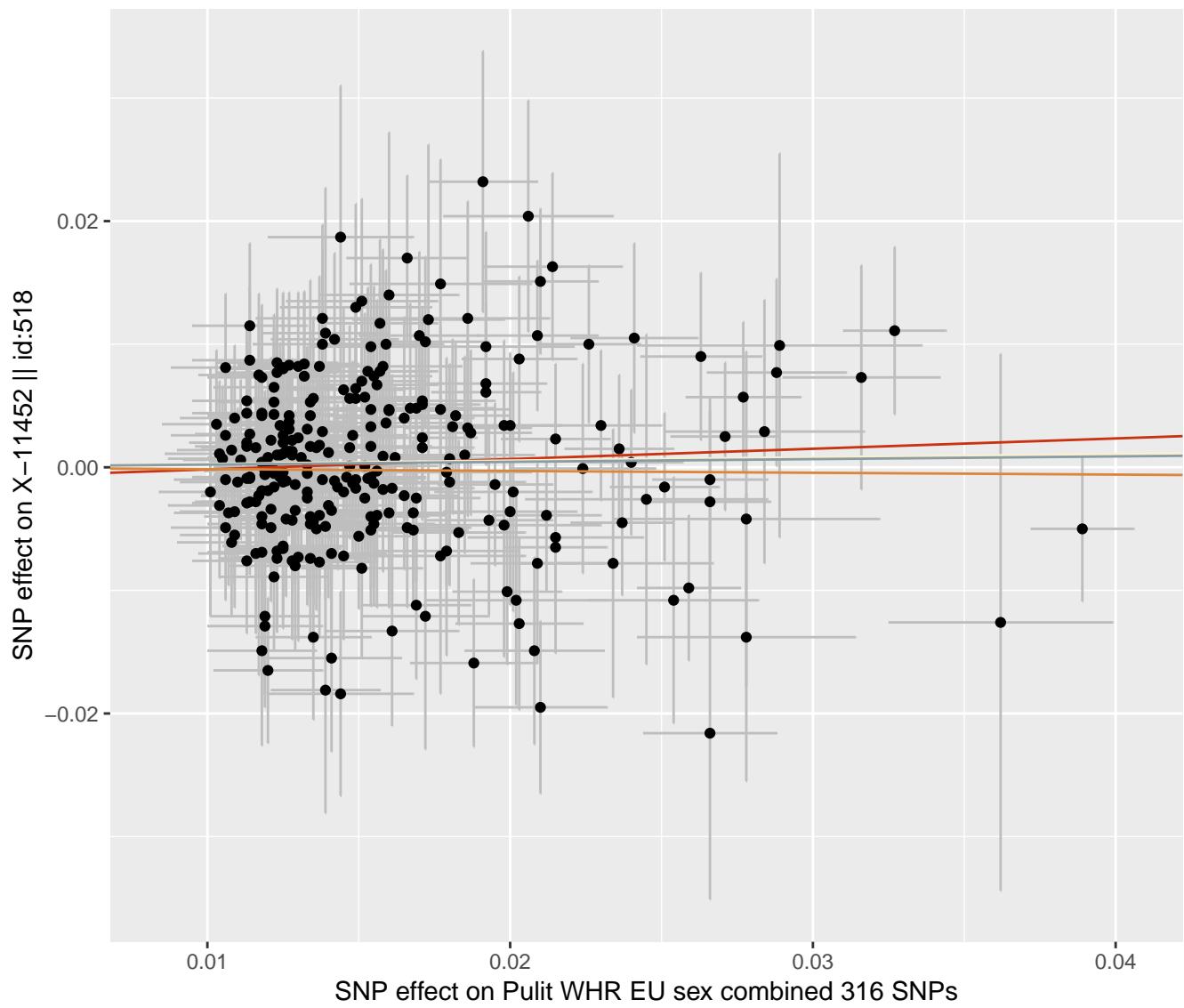
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

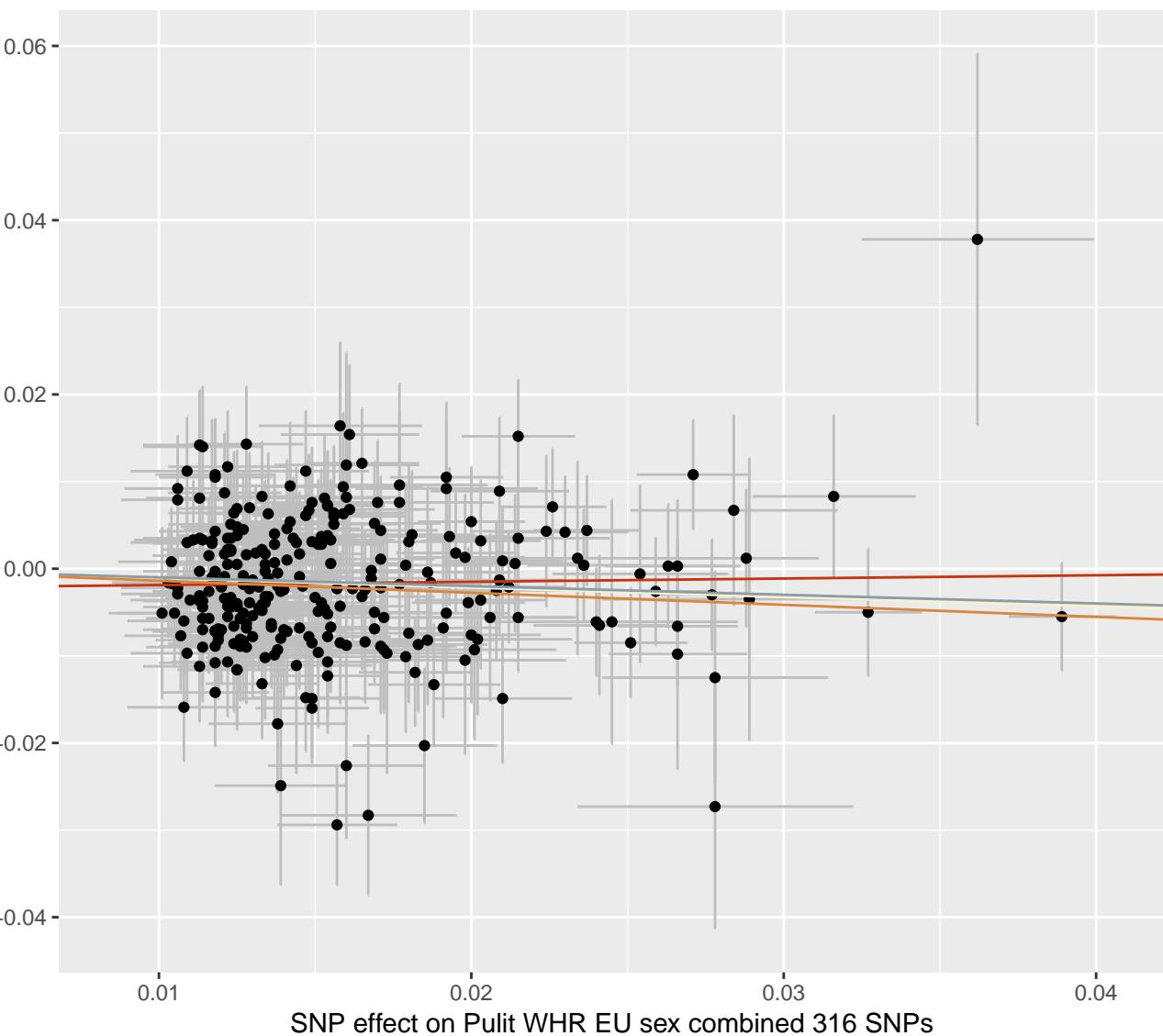


Weighted median



Weighted mode

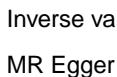
SNP effect on X-11469 || id:519



SNP effect on Pulit WHR EU sex combined 316 SNPs

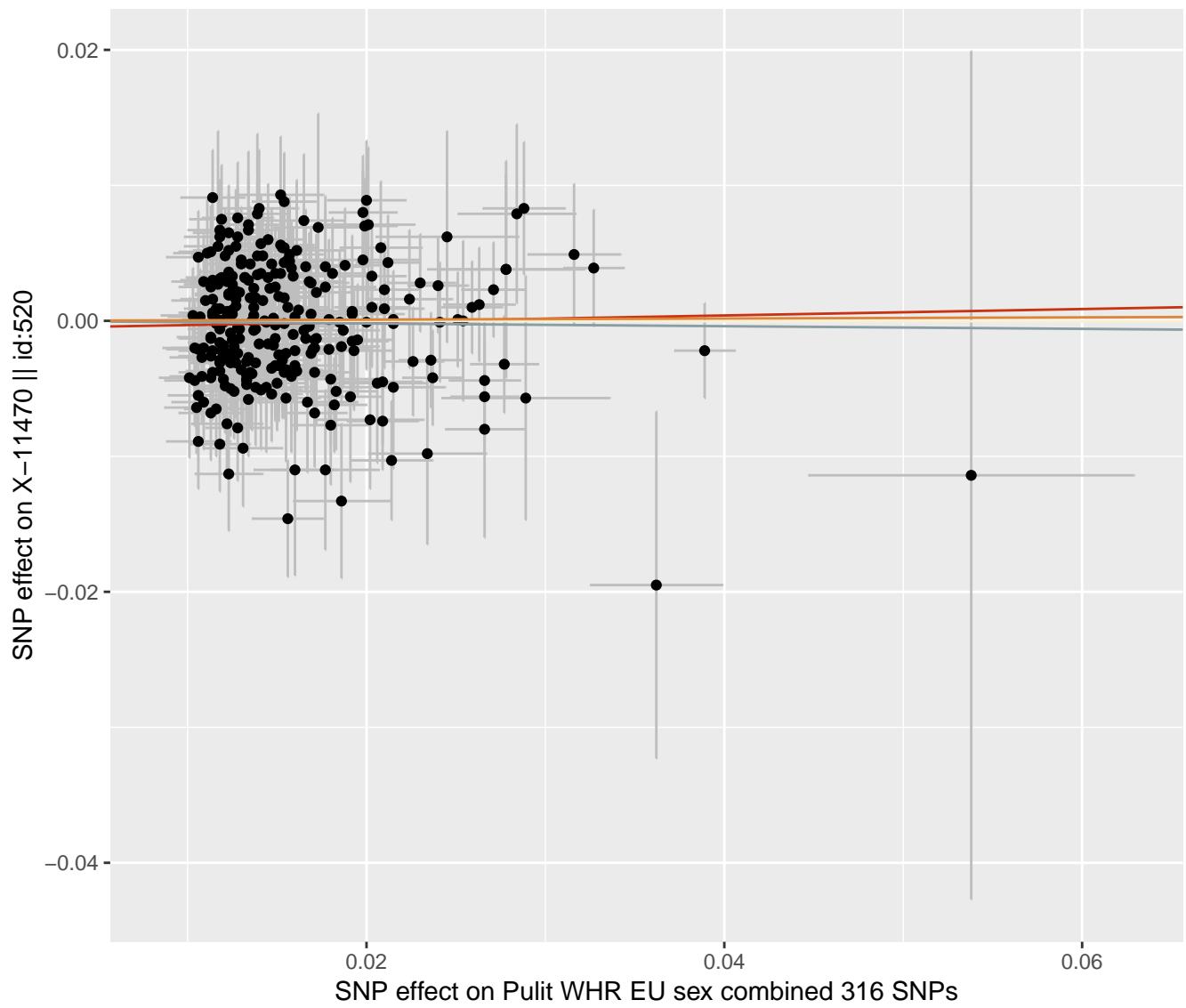
MR Test

 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 X-11478 || id:521

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

0.04

0.02

-0.02

-0.04

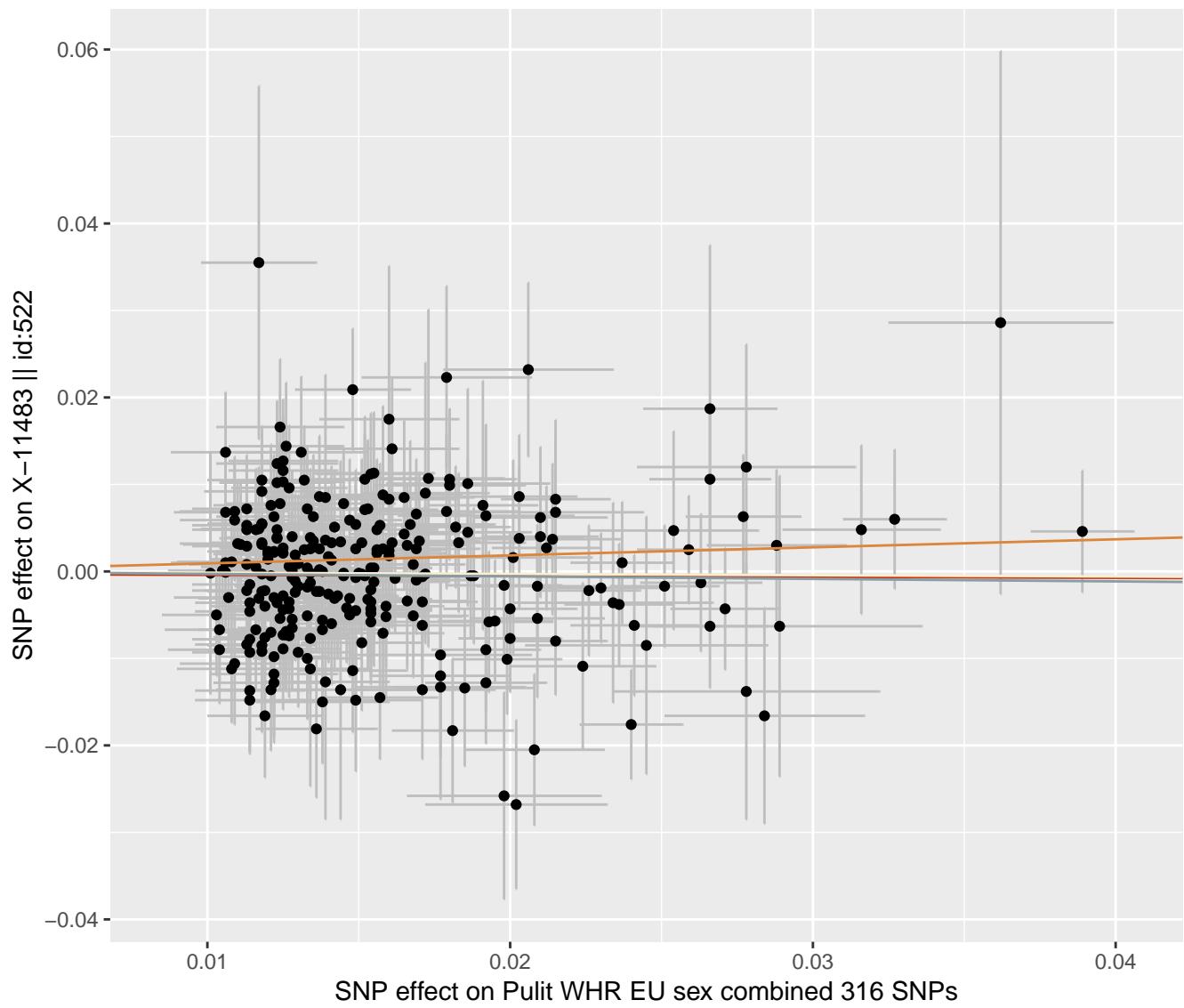
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

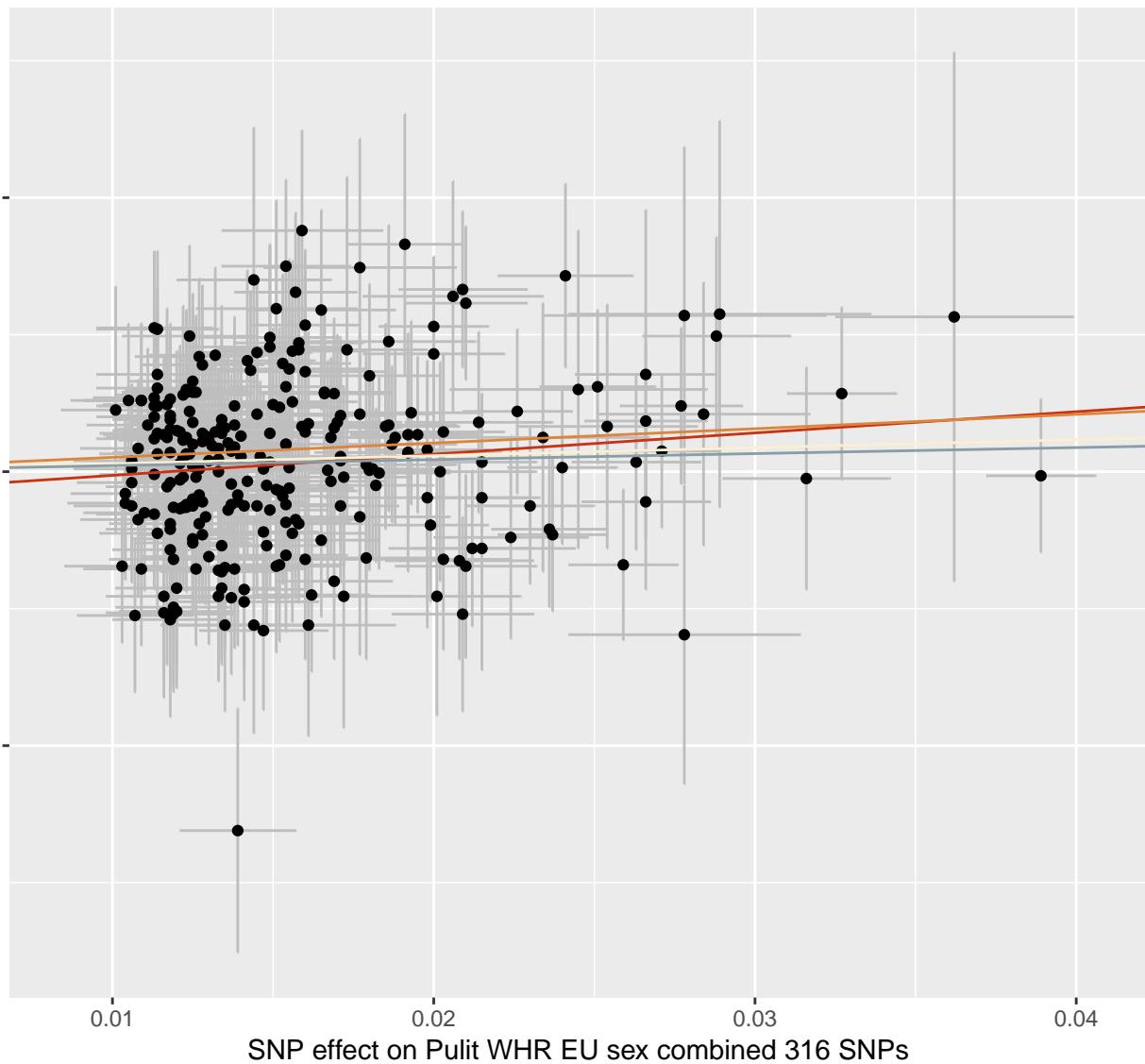


Weighted median



Weighted mode

SNP effect on X-11485 || id:523



MR Test



Inverse variance weighted (multiplicative random effects)



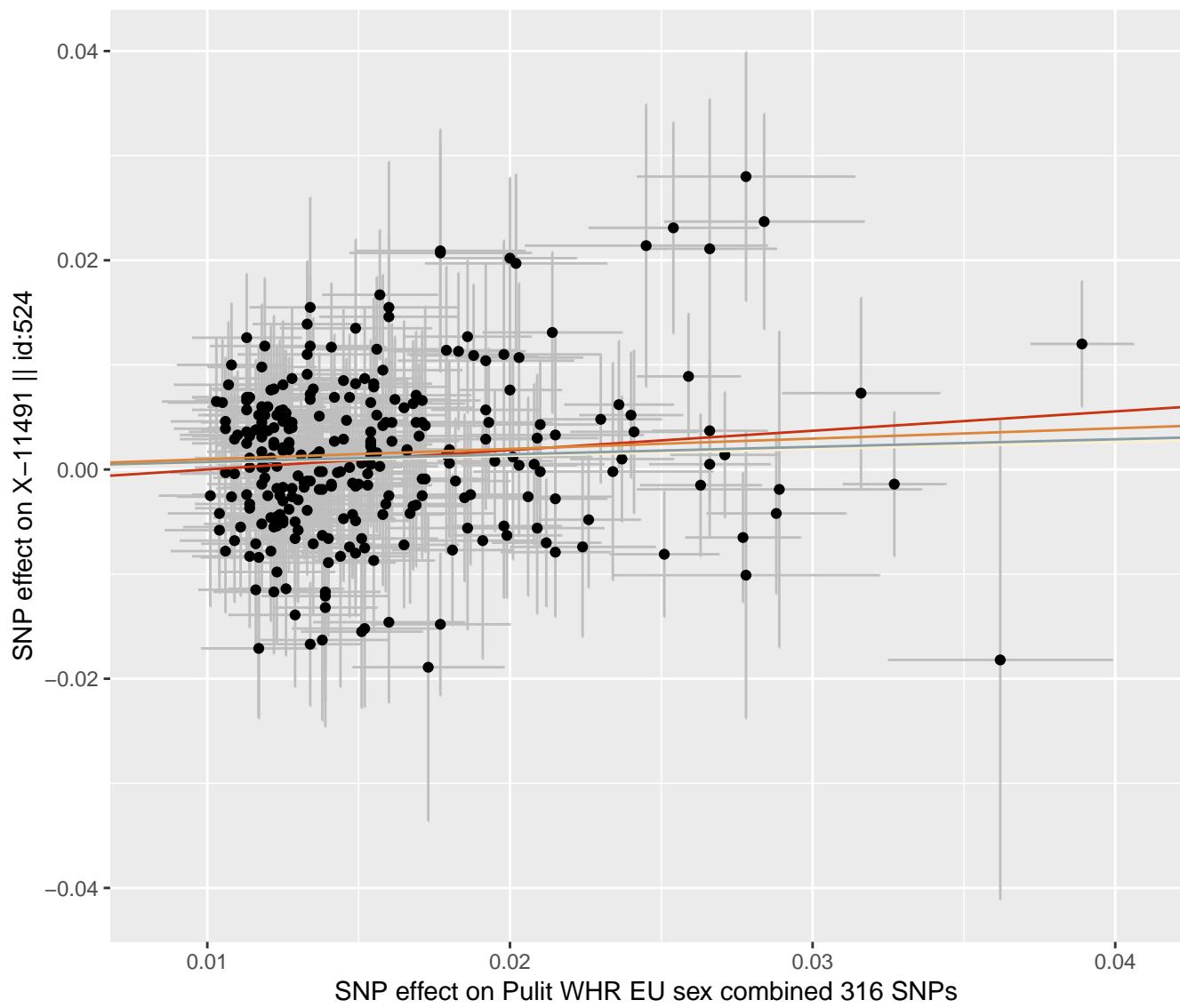
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



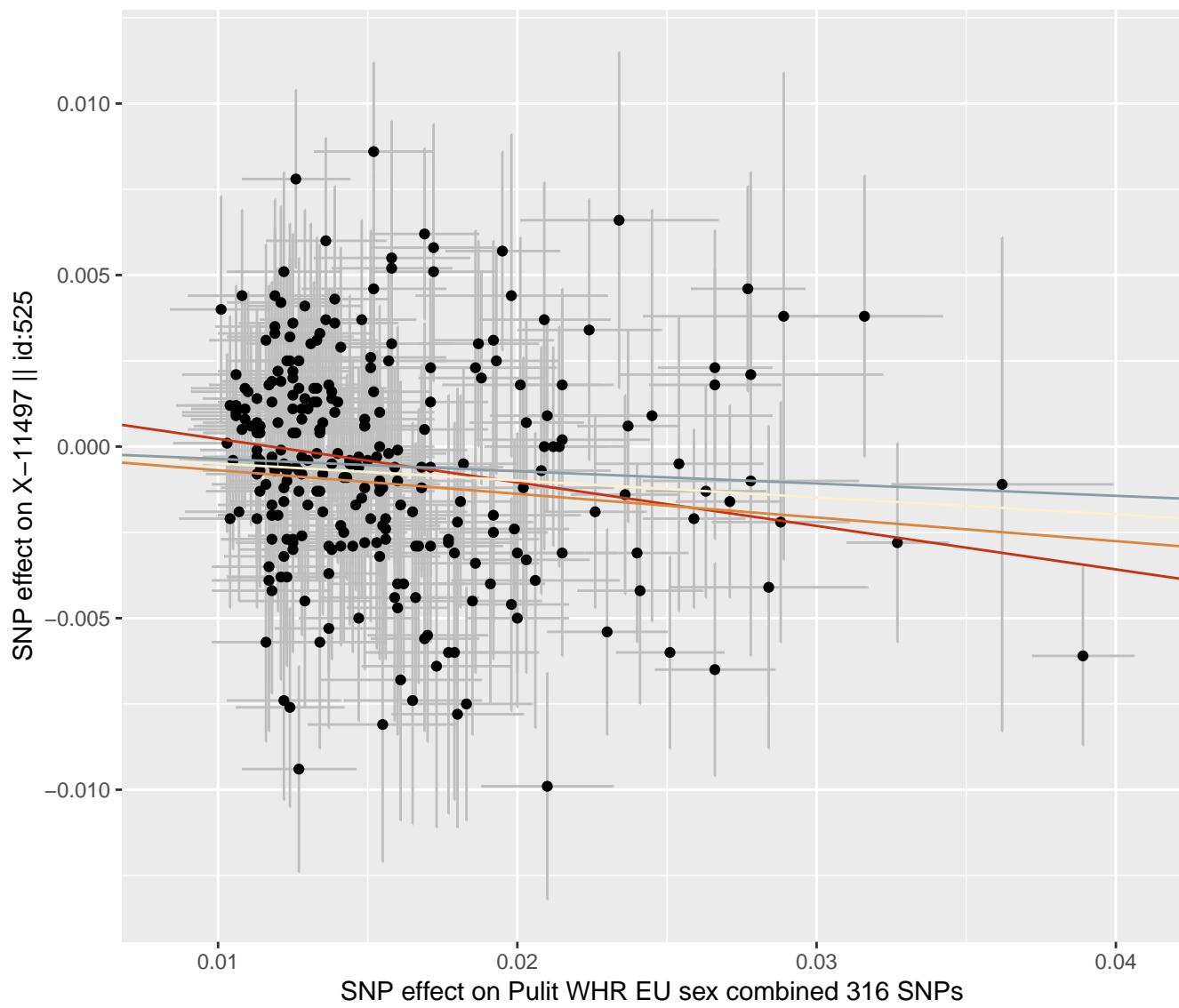
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



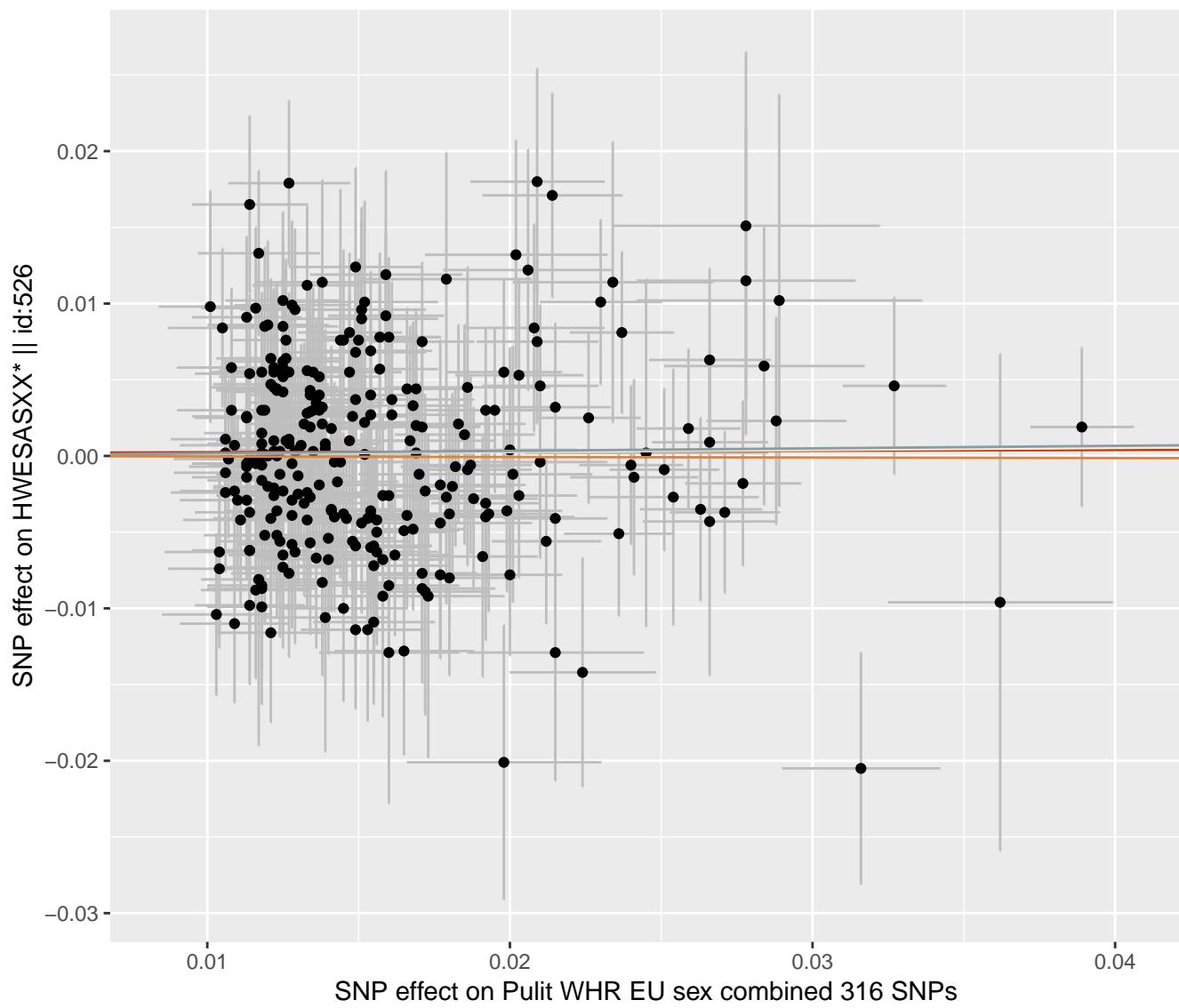
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



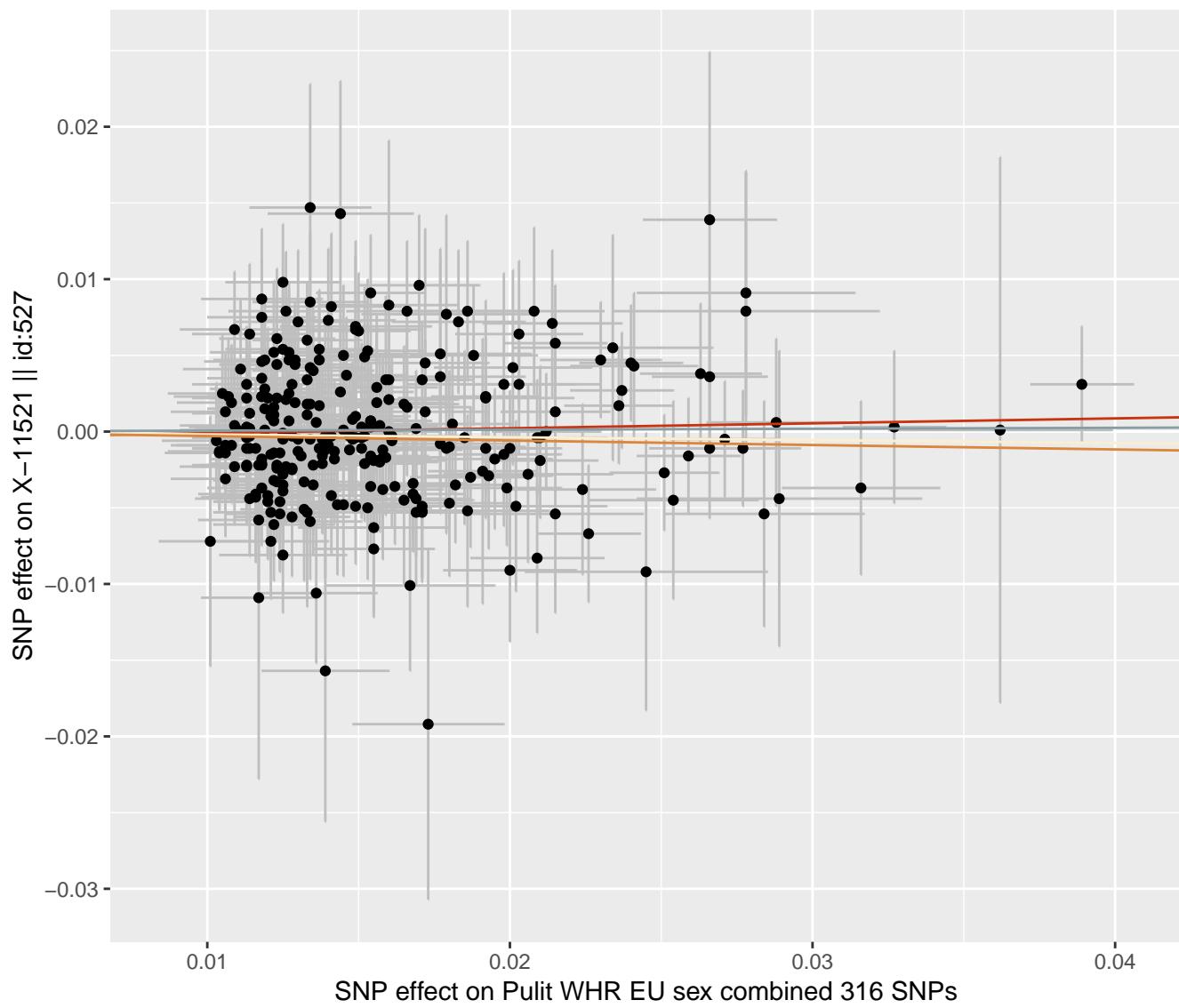
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

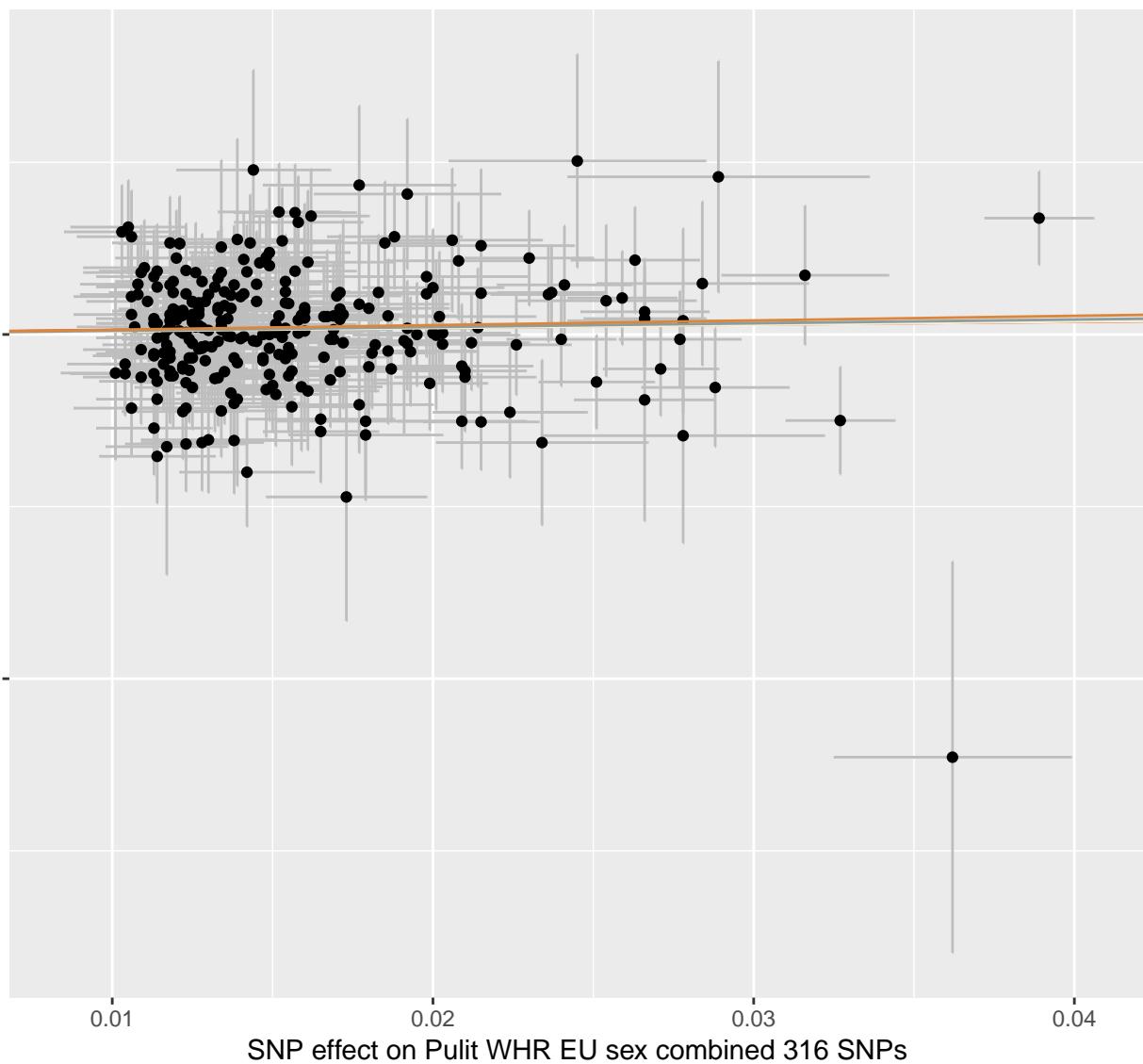


Weighted median



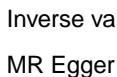
Weighted mode

SNP effect on X-11529 || id:528



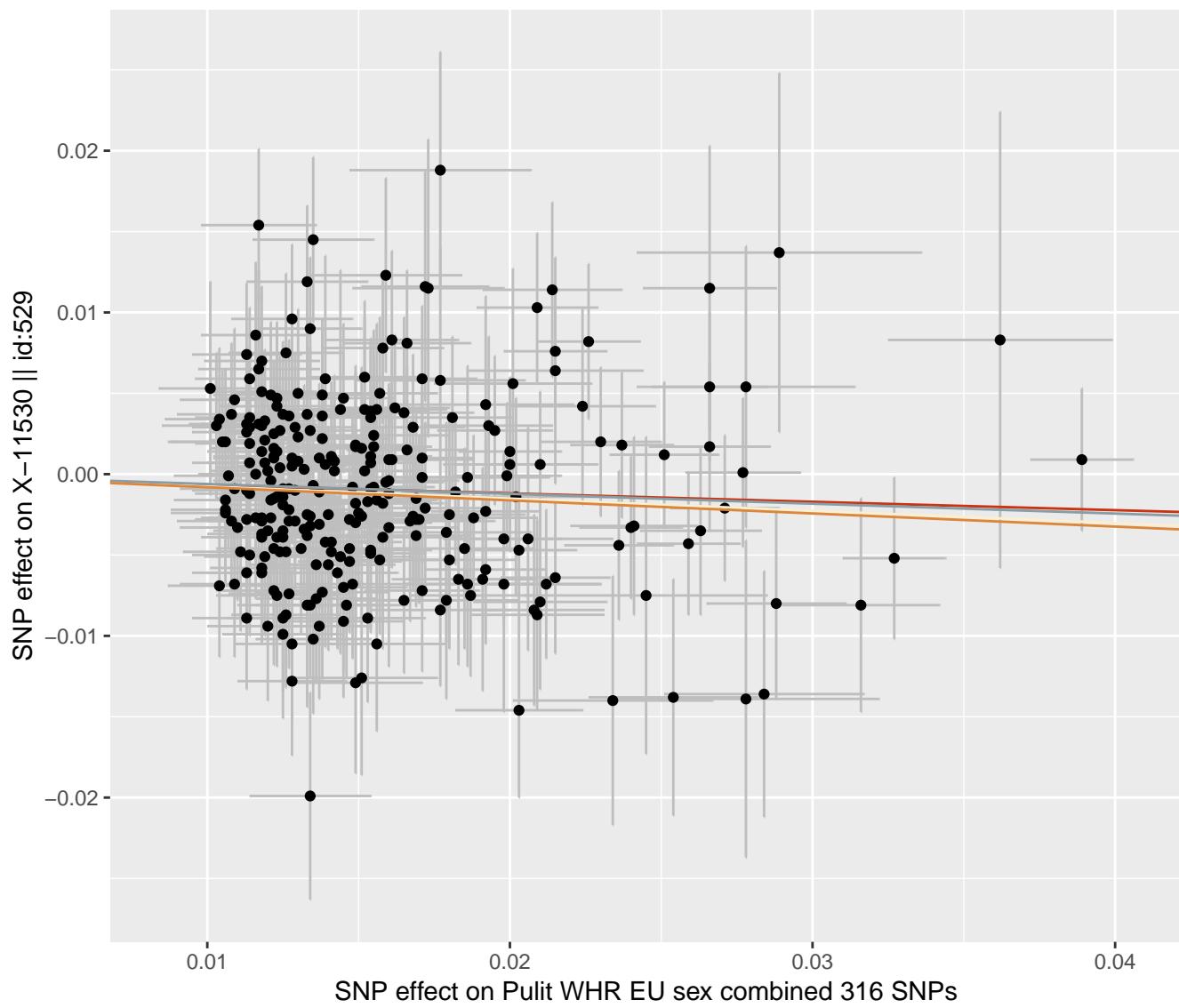
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



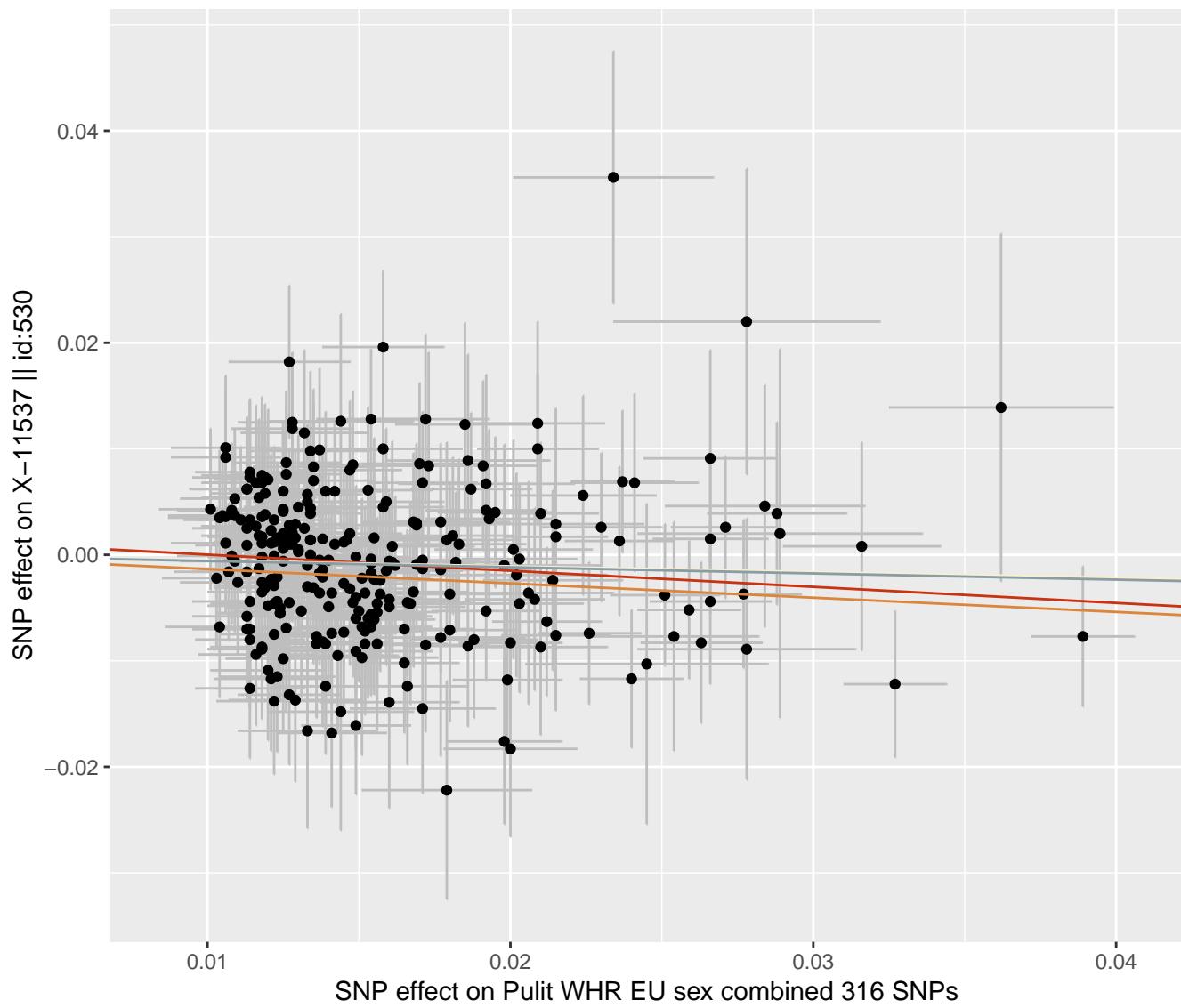
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

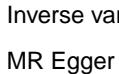
 Weighted median

 Weighted mode



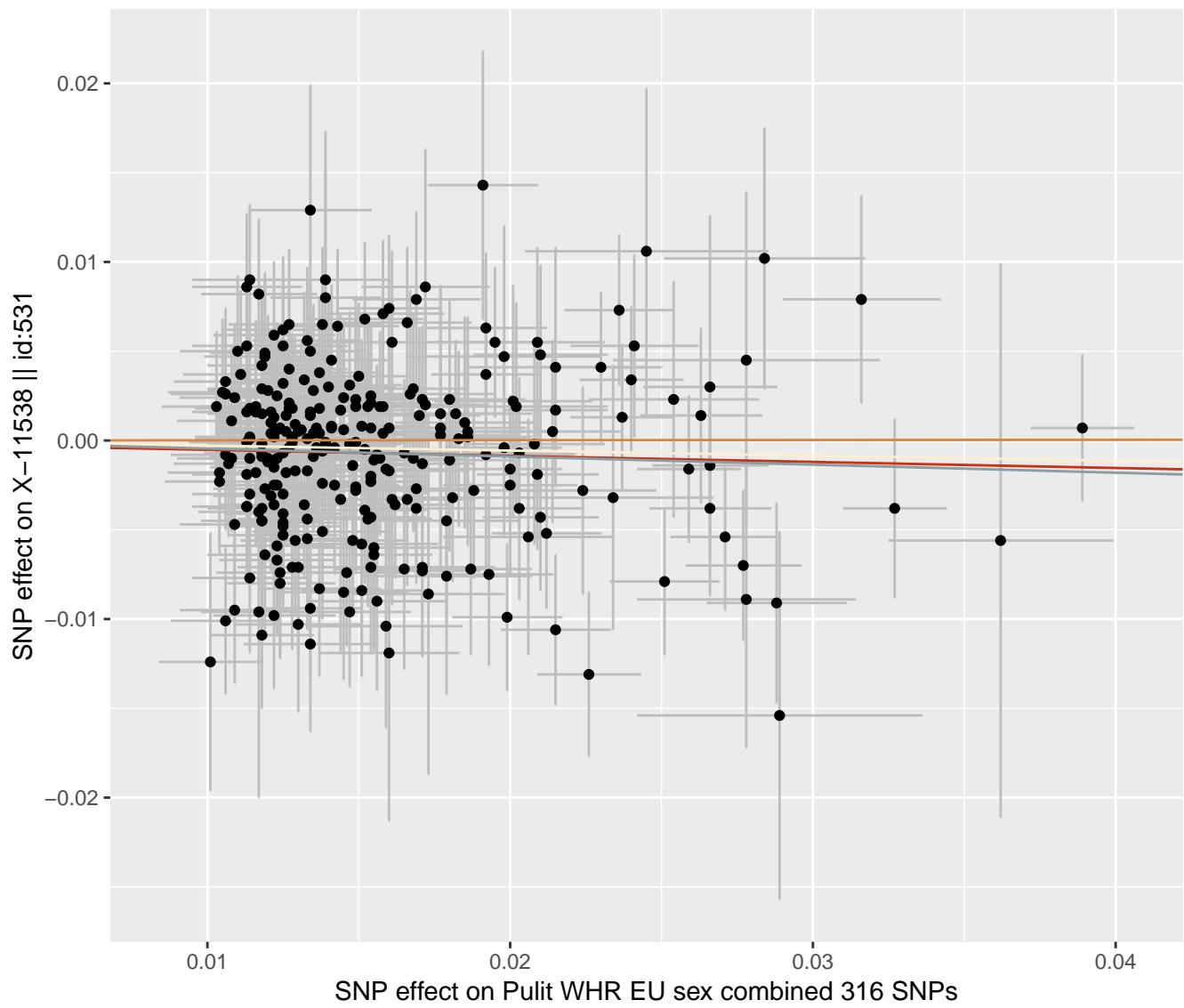
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

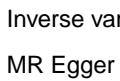
 Weighted median

 Weighted mode



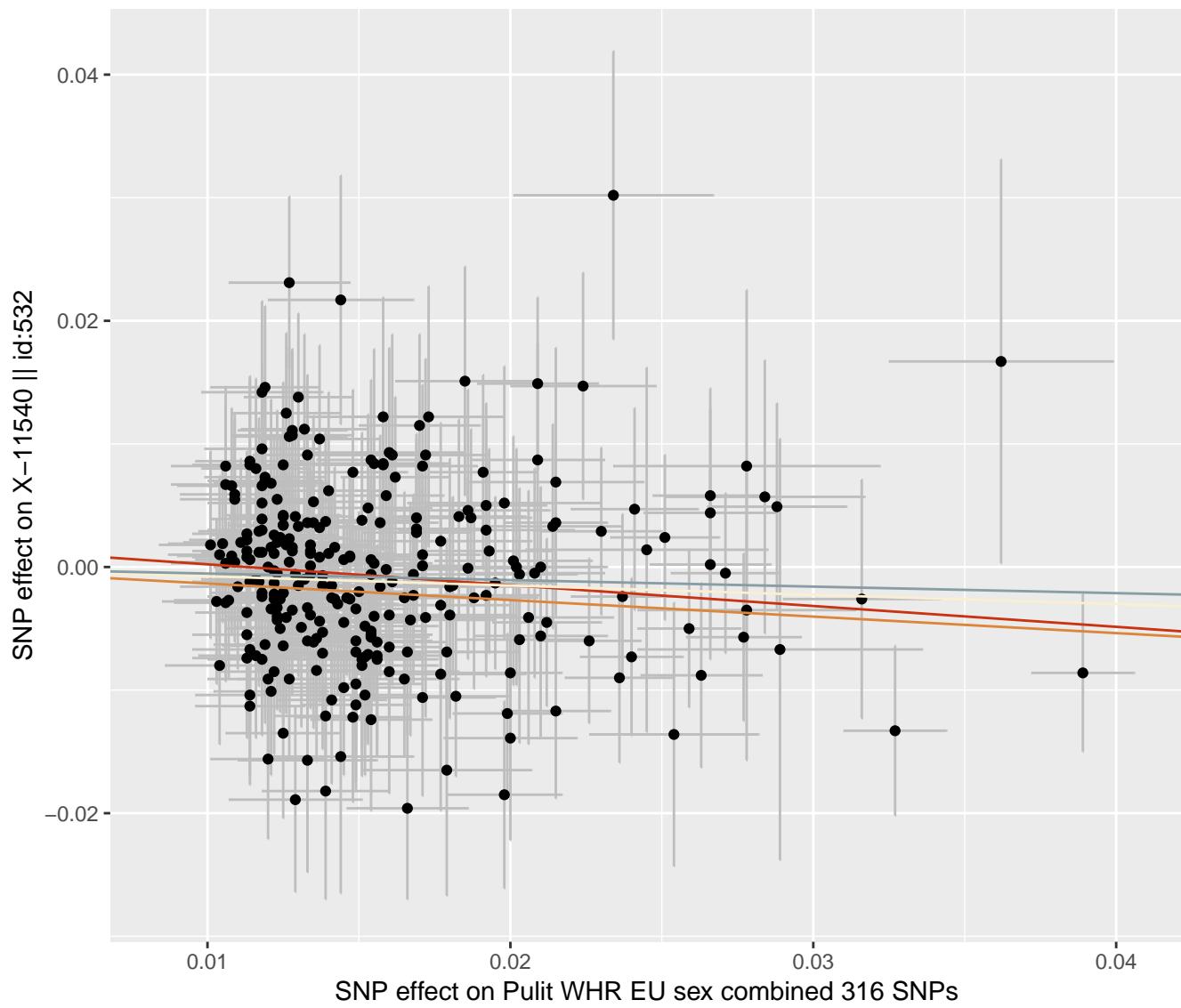
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



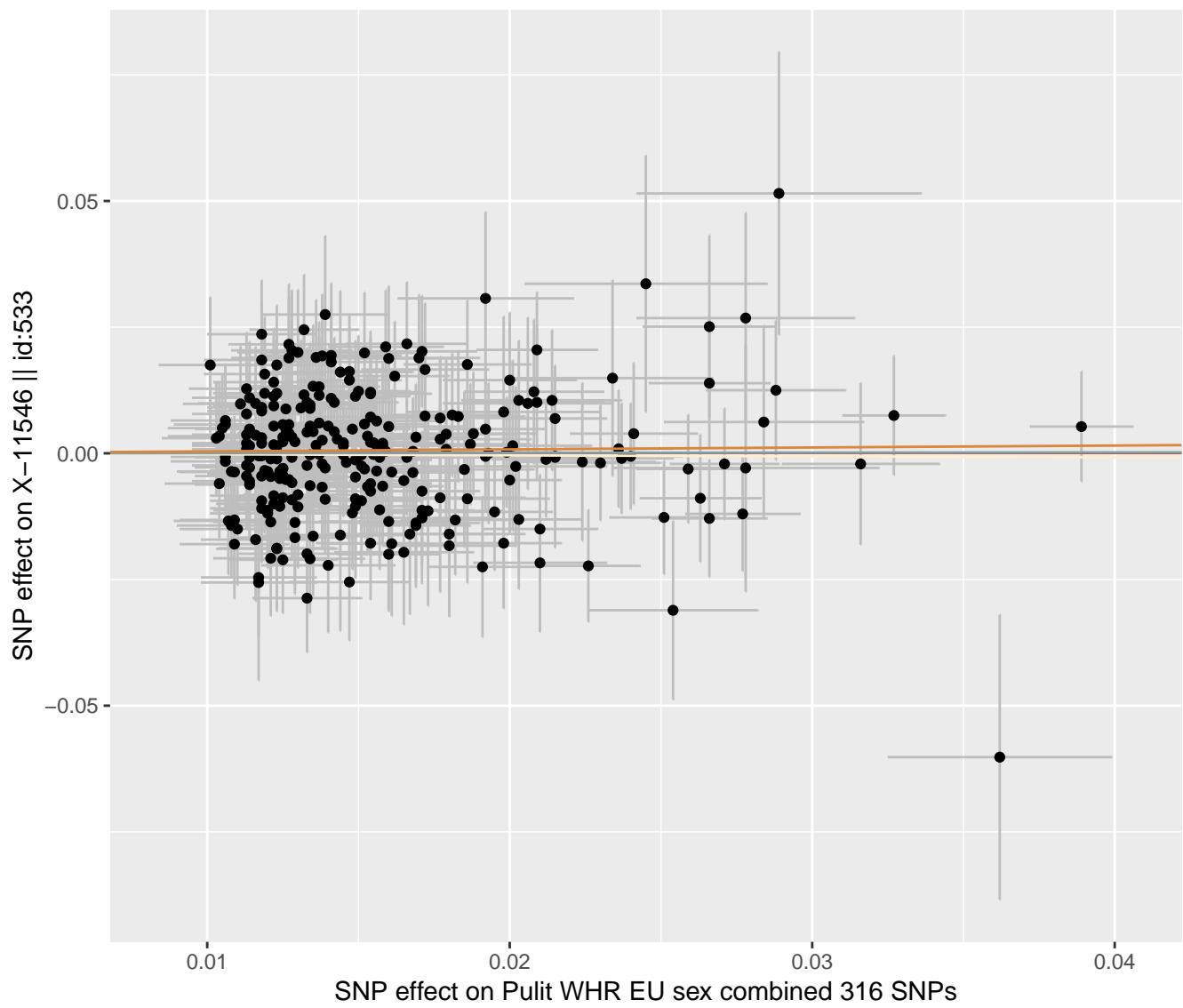
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



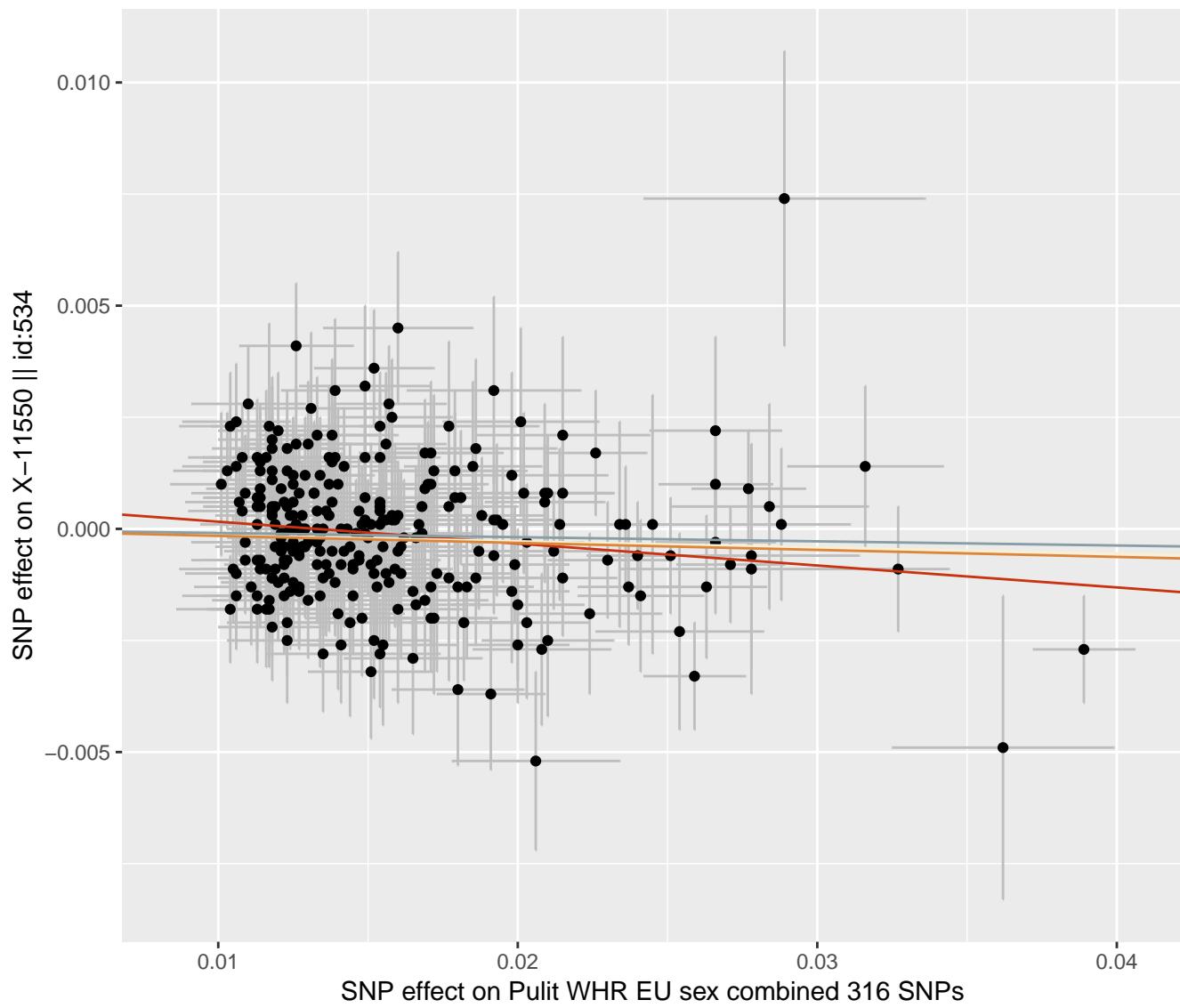
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

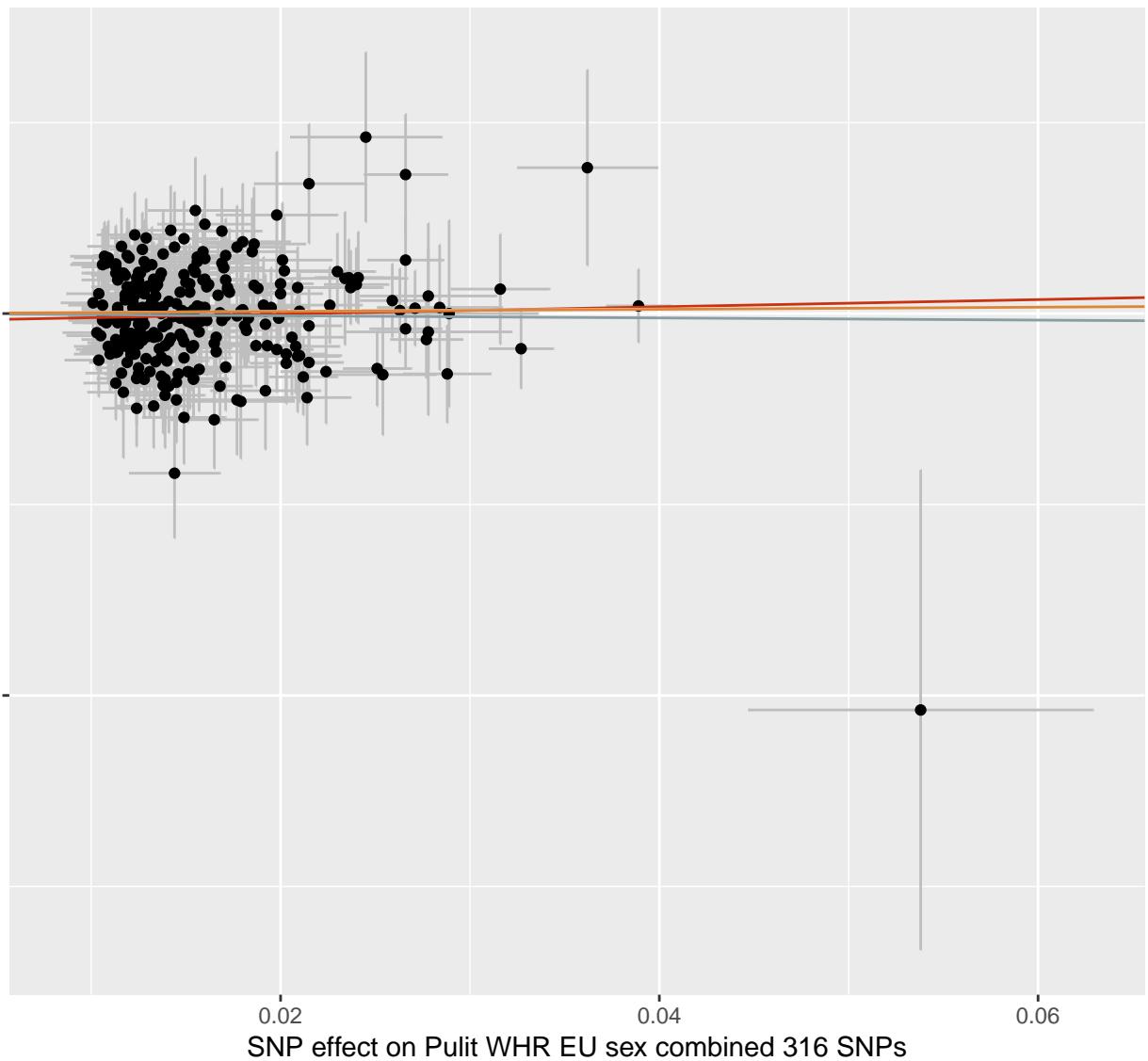


Weighted median



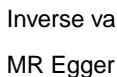
Weighted mode

SNP effect on X-11552 || id:535



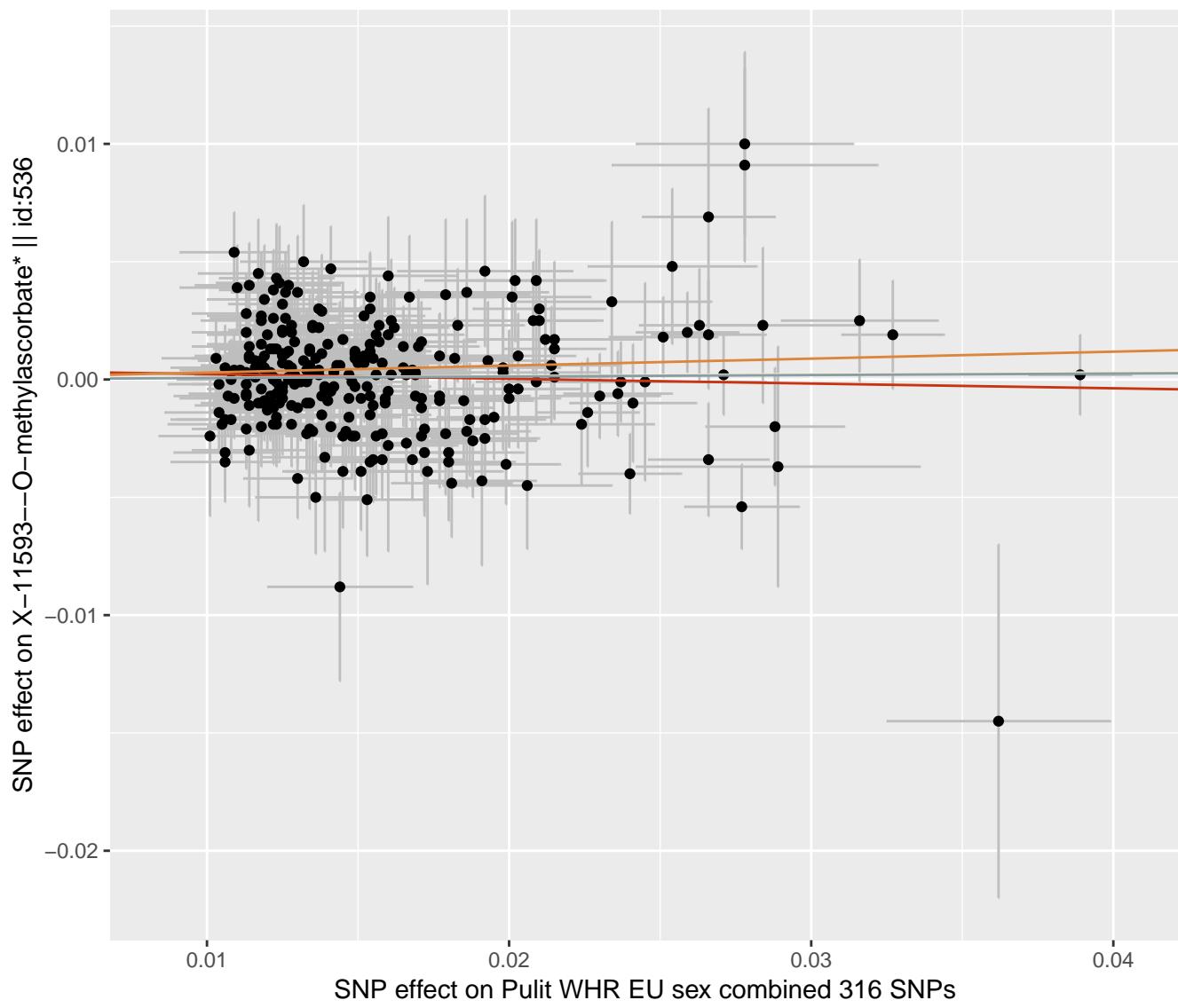
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

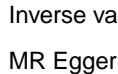
 Weighted median

 Weighted mode

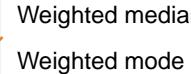


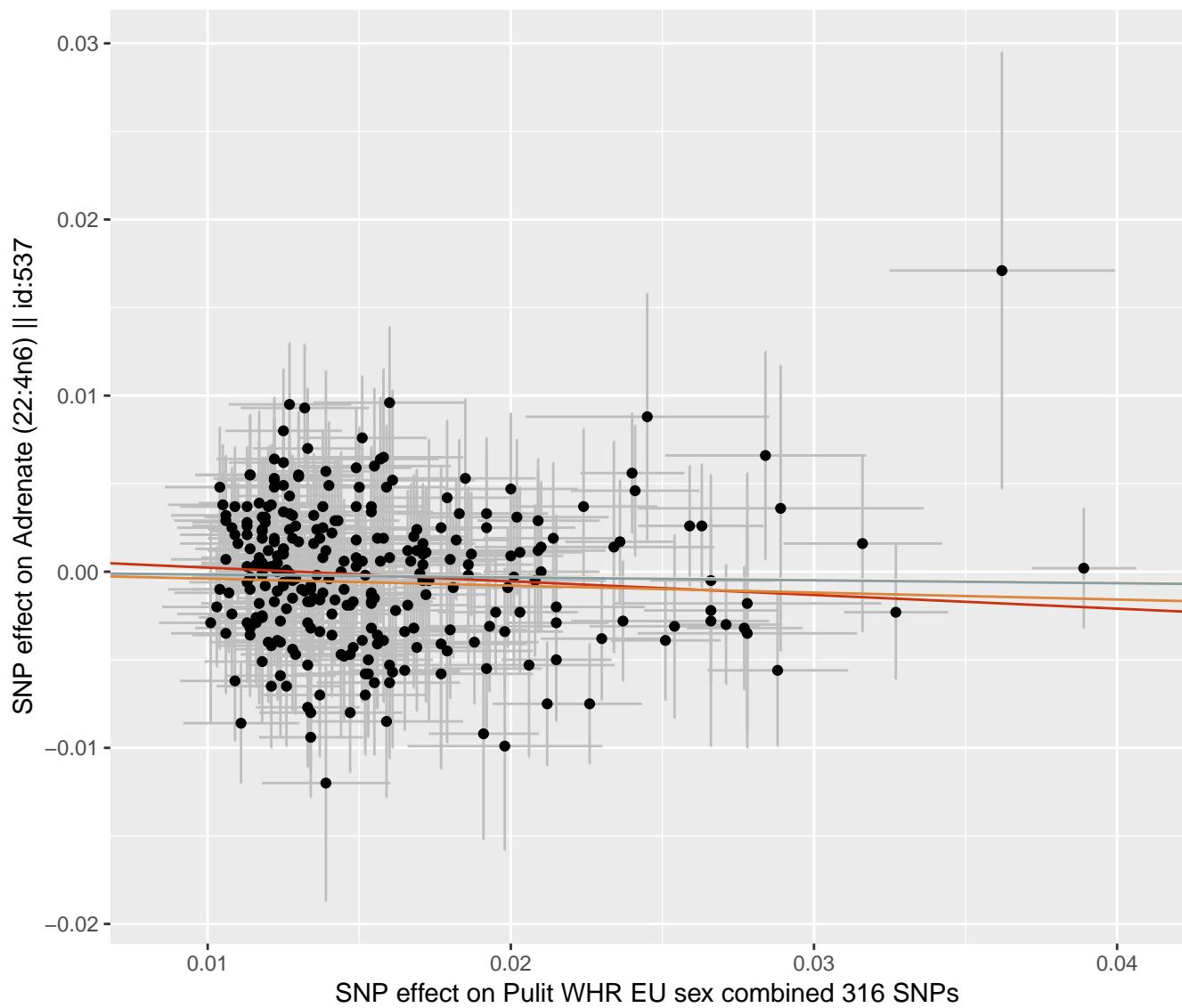
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



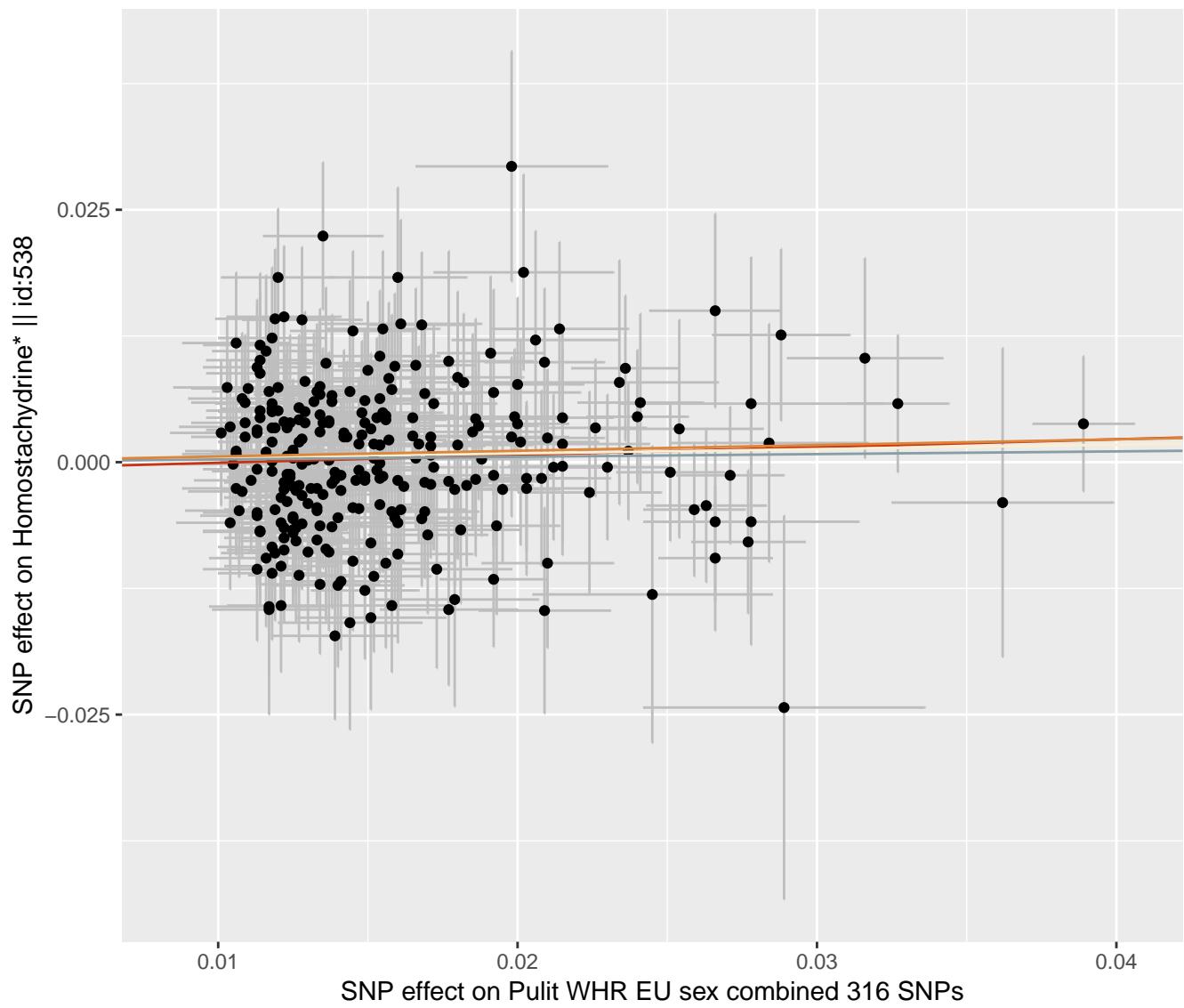
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



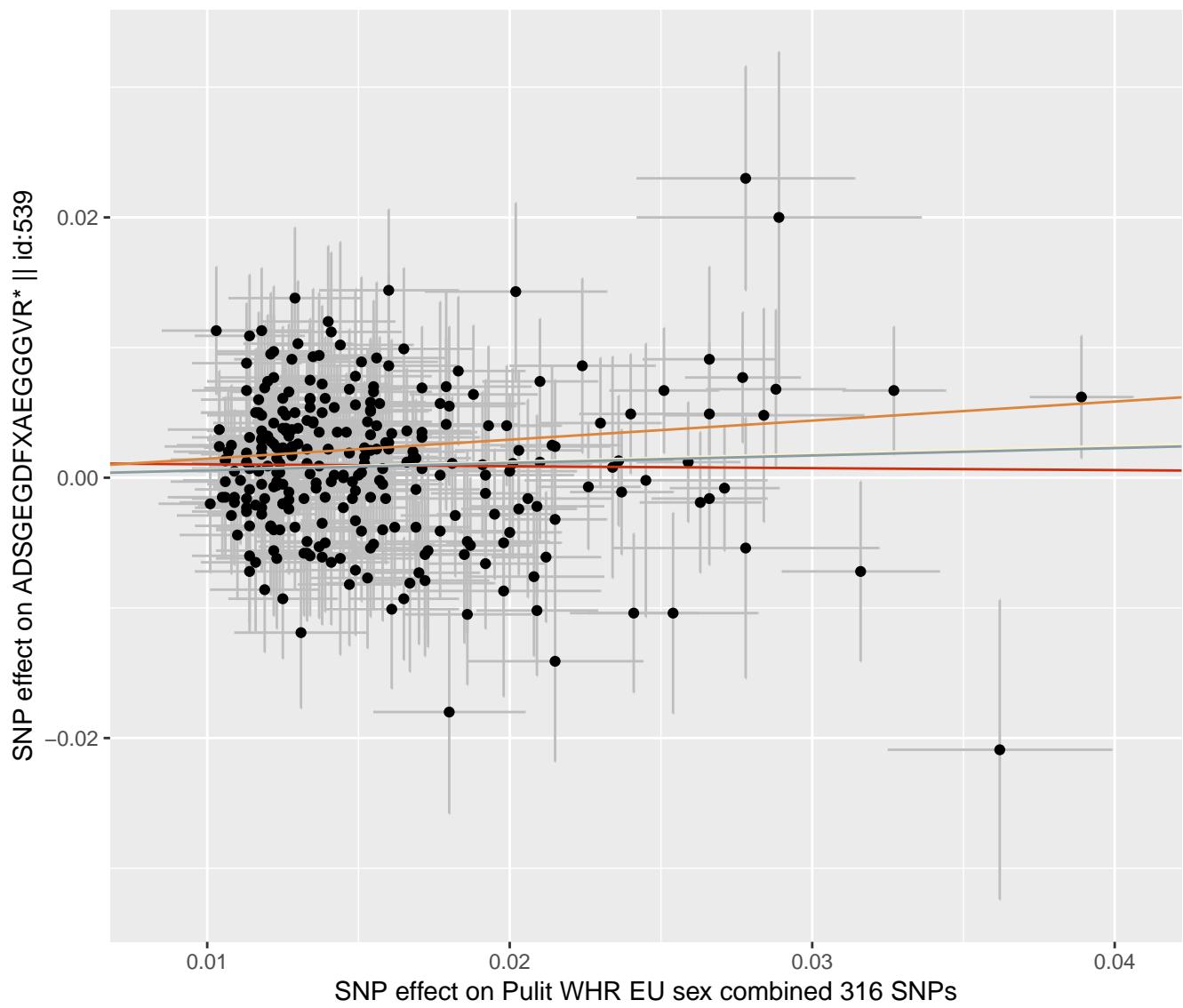
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



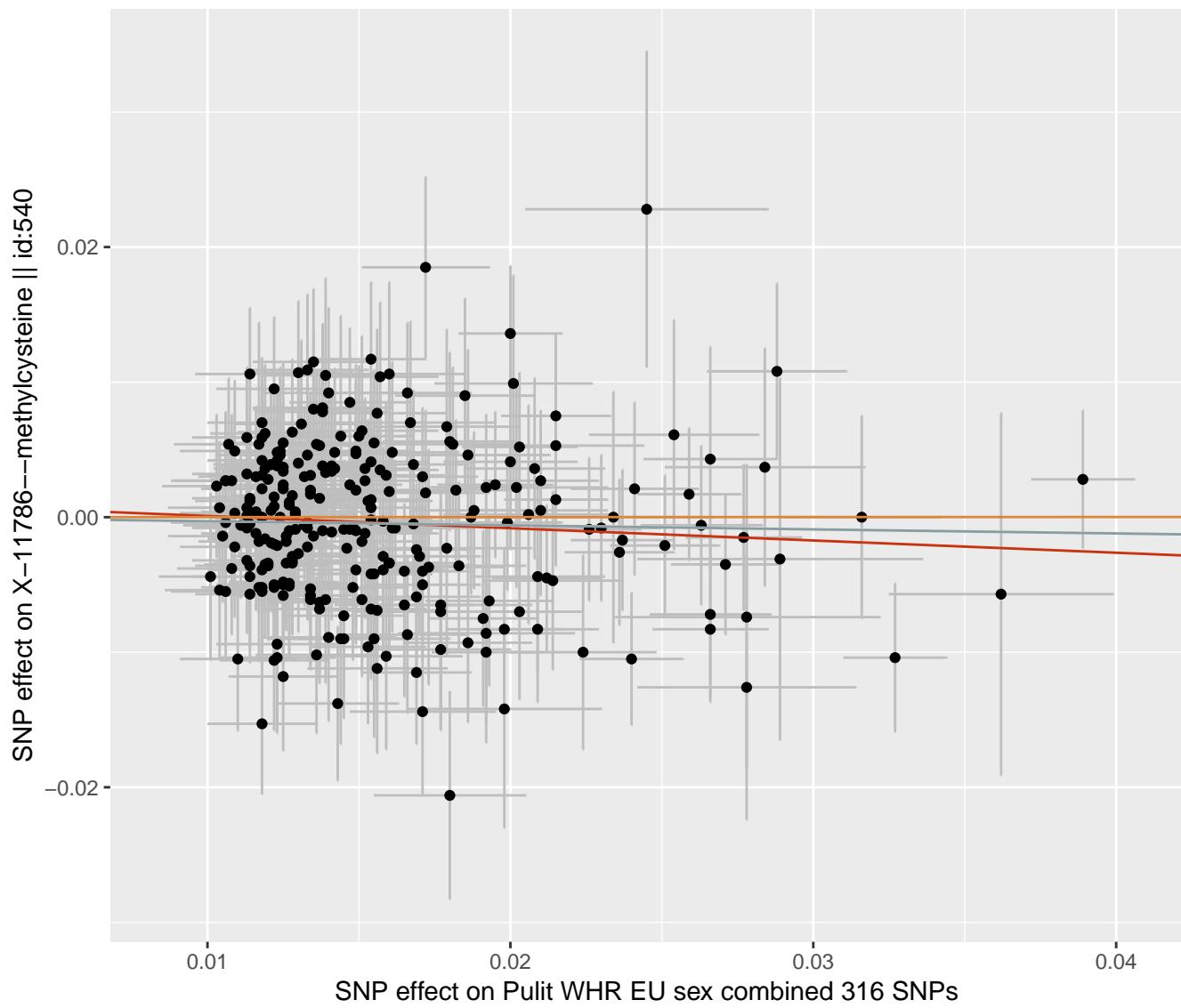
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

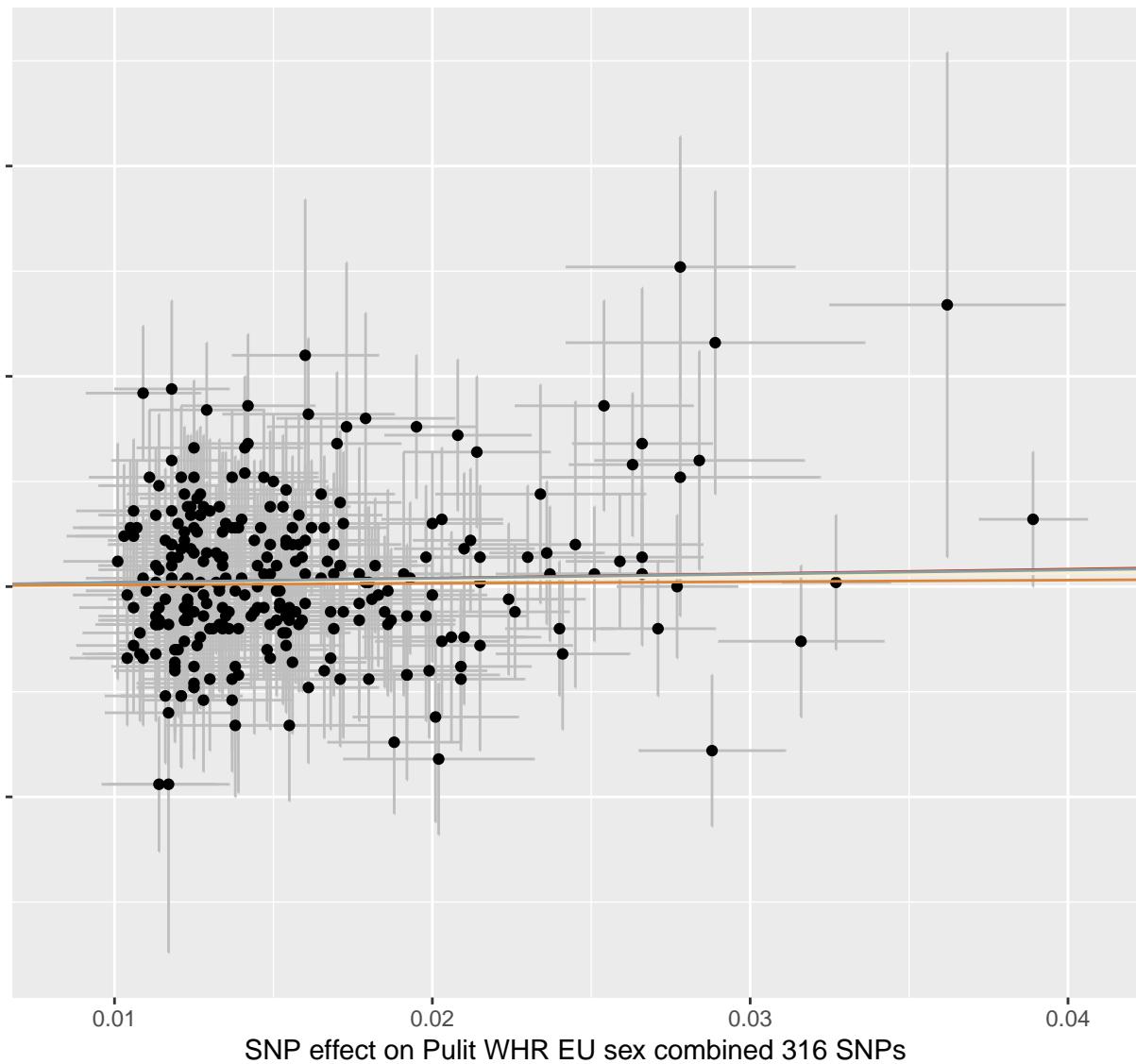


Weighted median



Weighted mode

SNP effect on X-11787 || id:541



SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



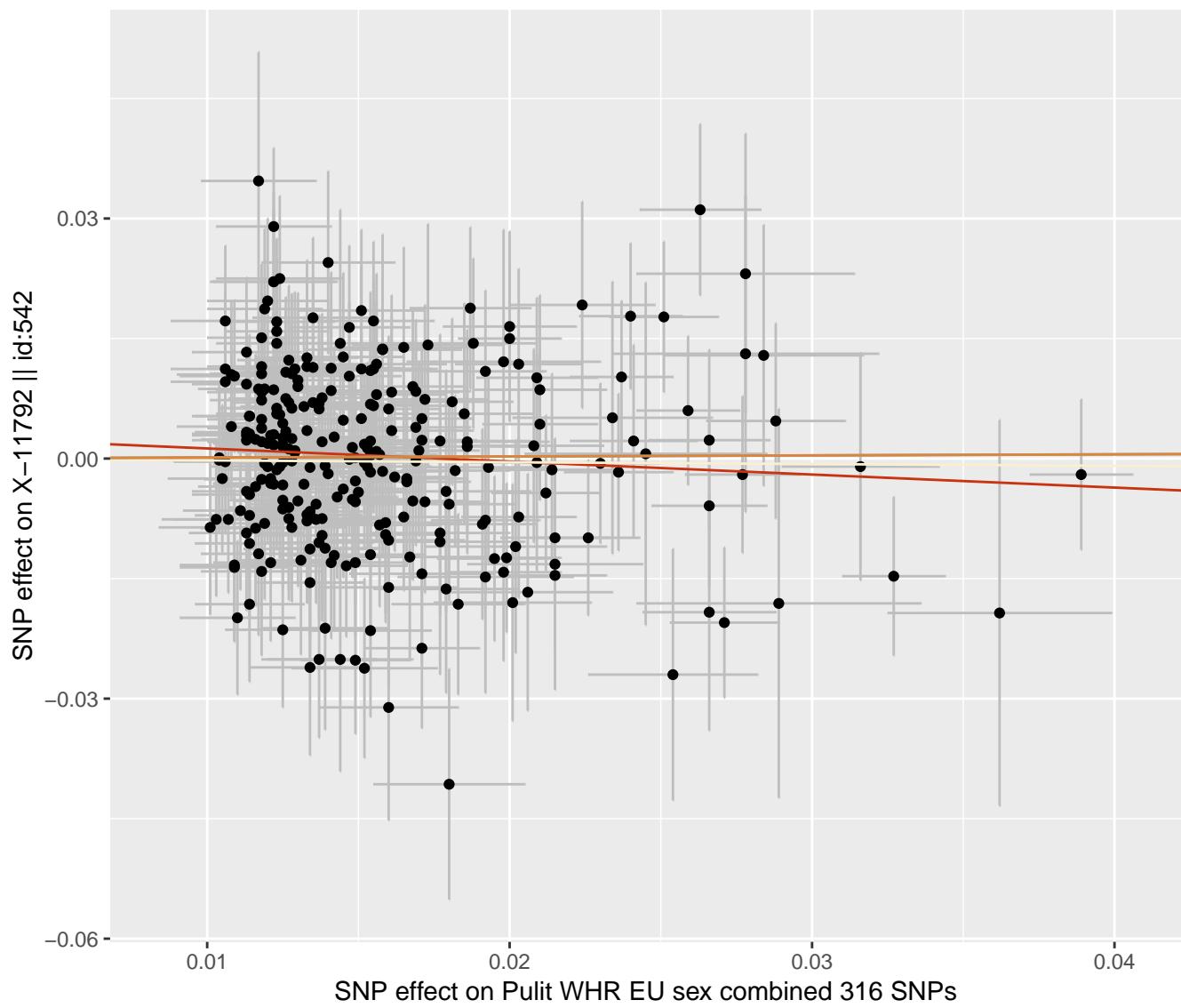
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



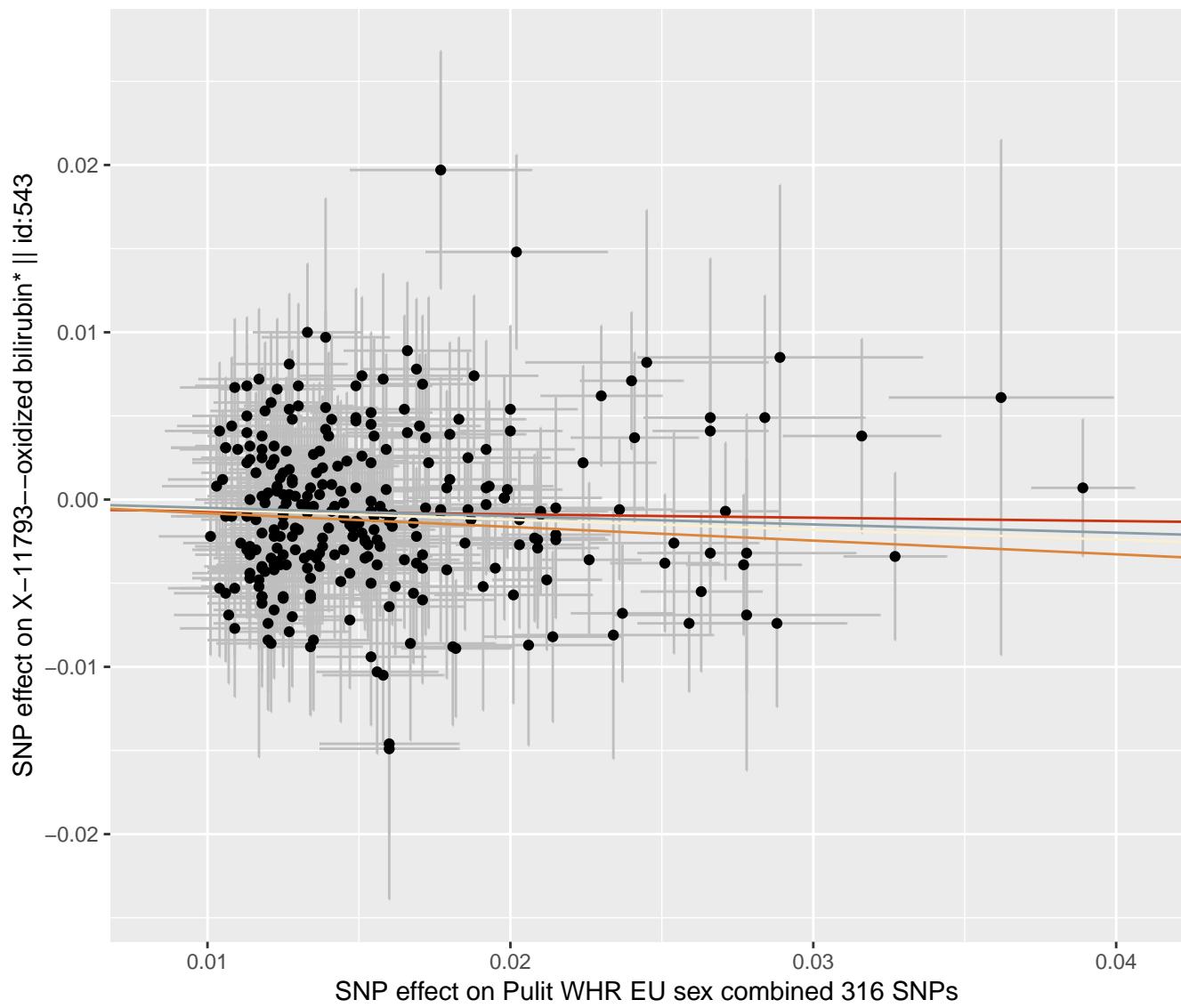
MR Egger



Weighted median

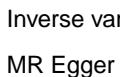


Weighted mode



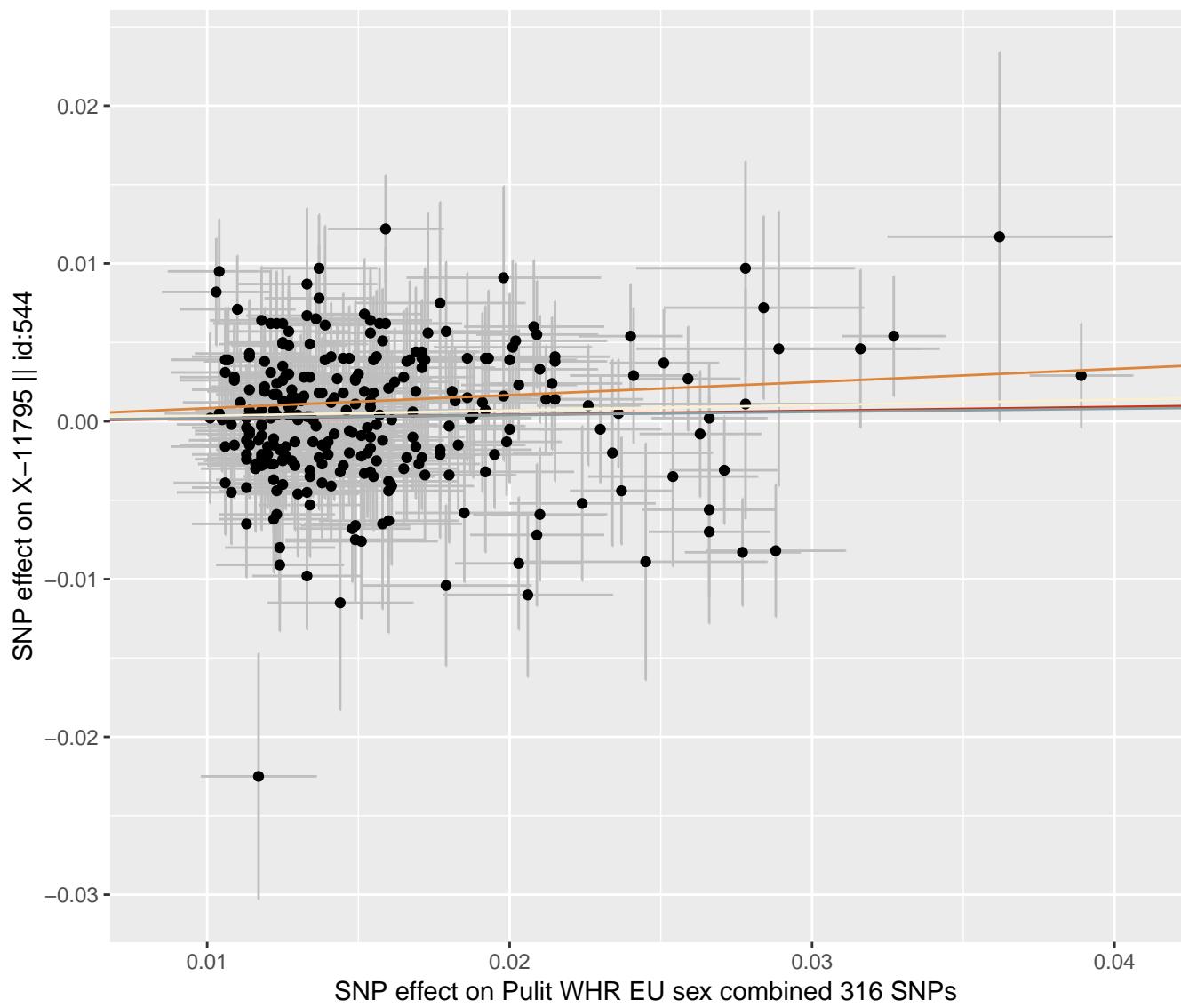
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



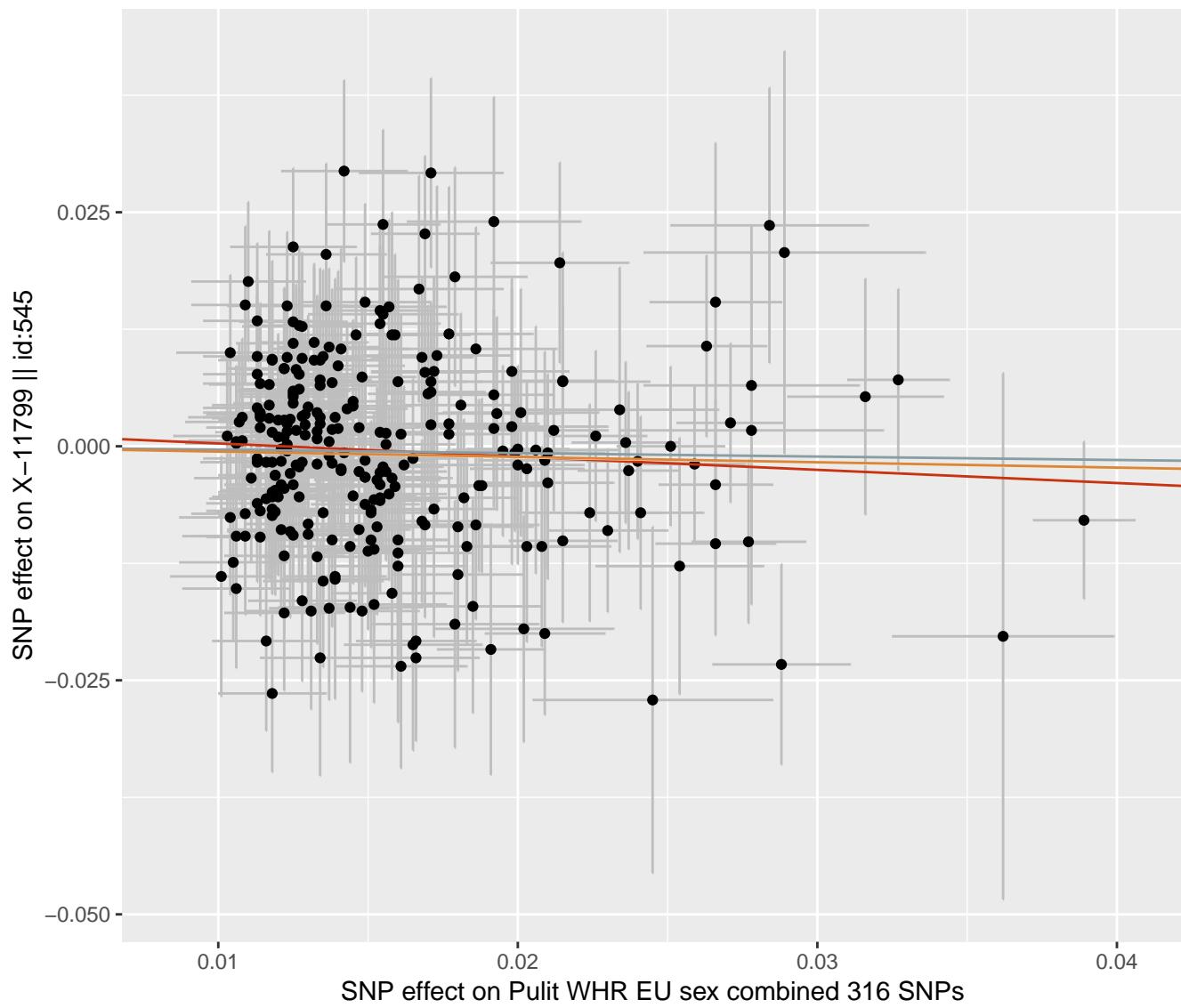
MR Egger



Weighted median

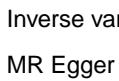


Weighted mode



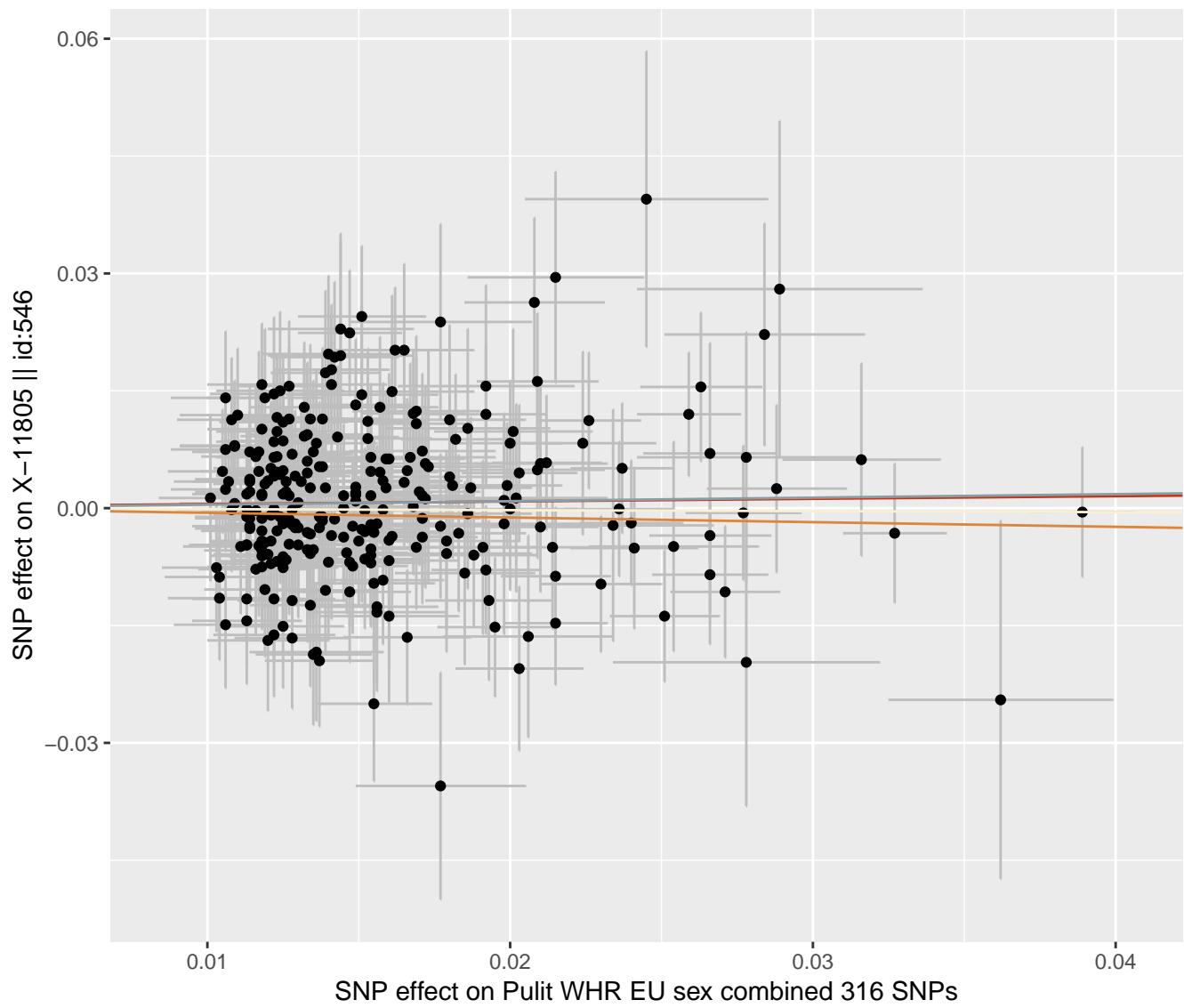
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

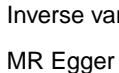
 Weighted median

 Weighted mode



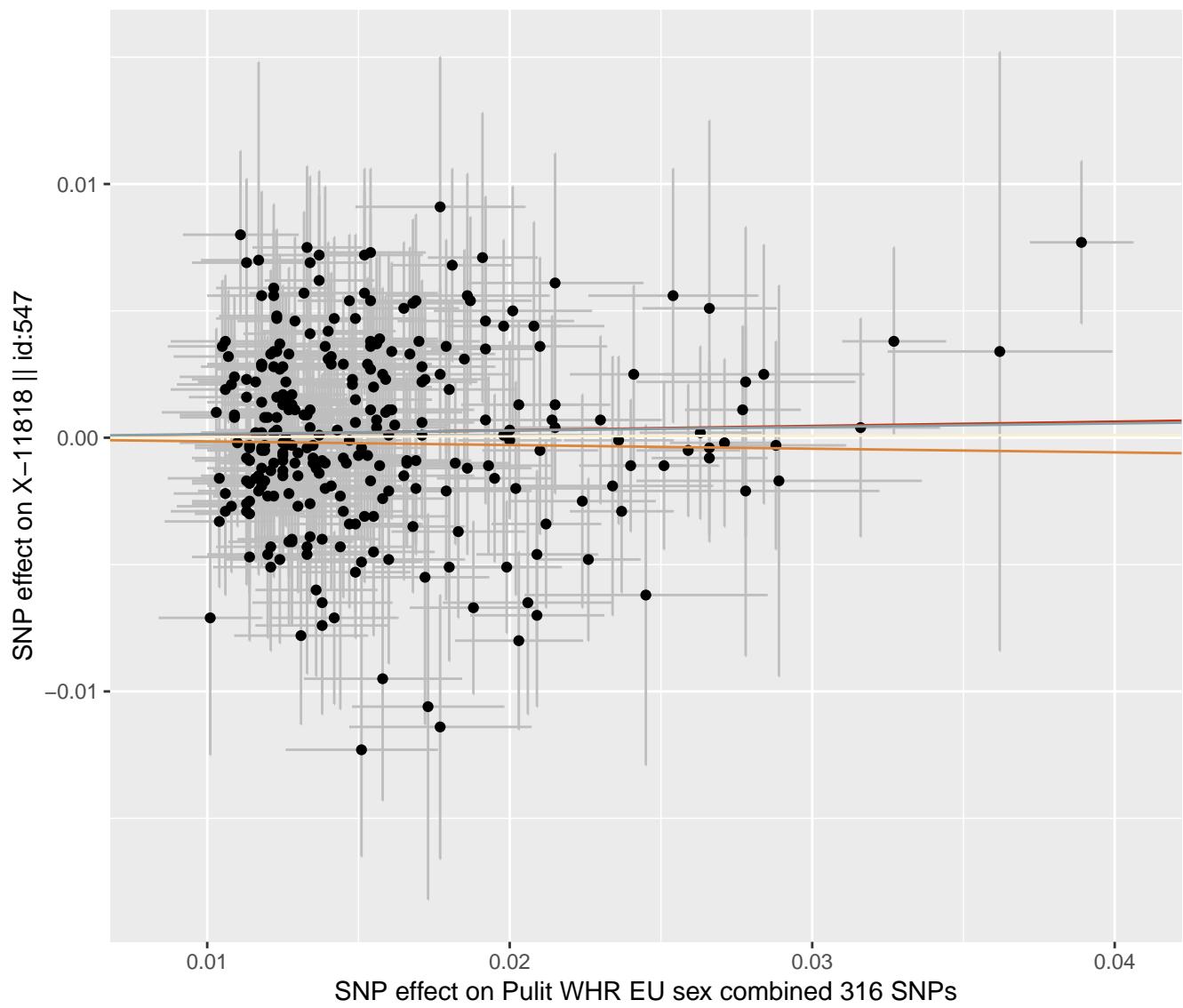
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

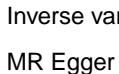
 Weighted median

 Weighted mode



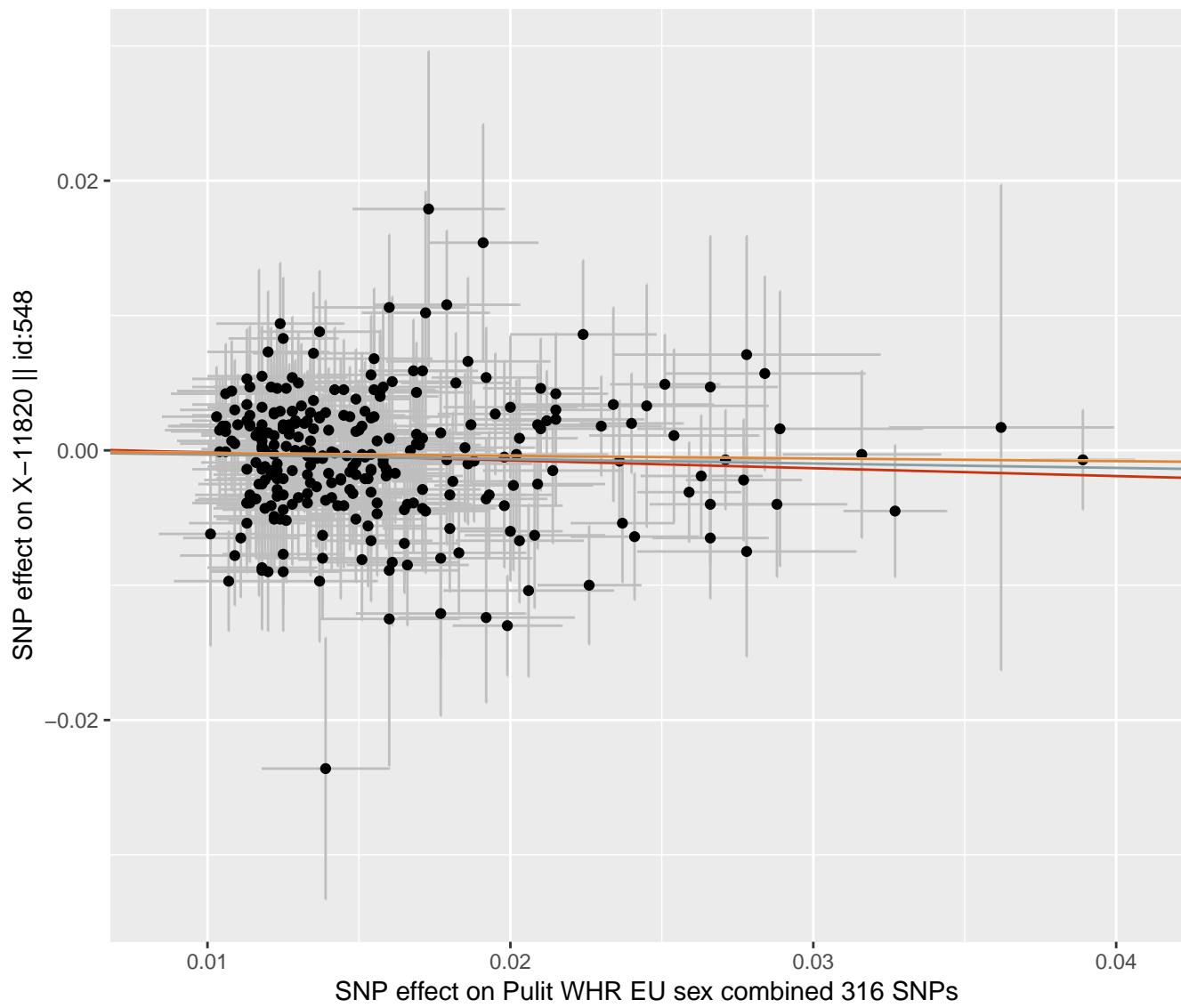
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



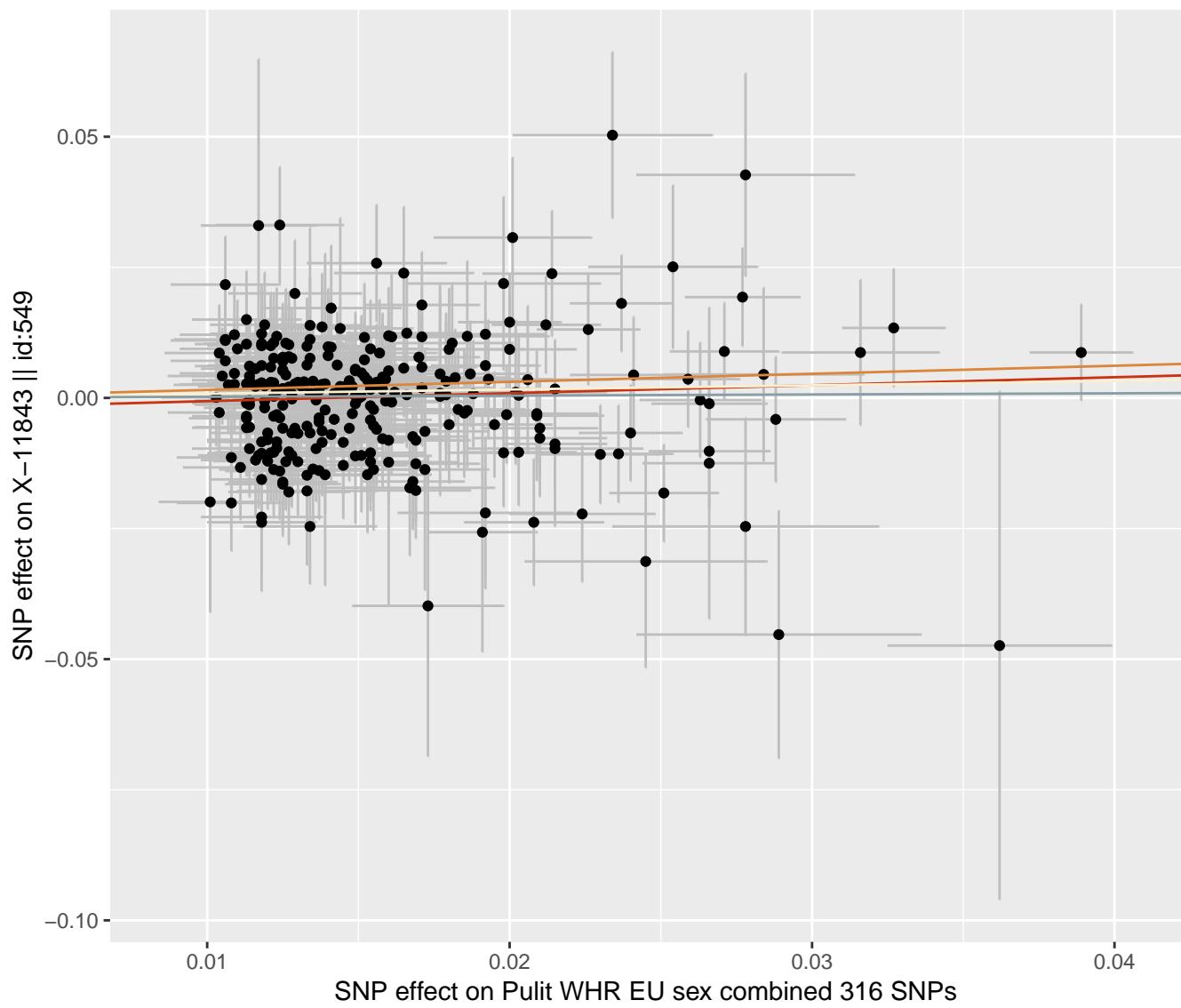
MR Test

Inverse variance weighted (multiplicative random effects)

MR Egger

Weighted median

Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

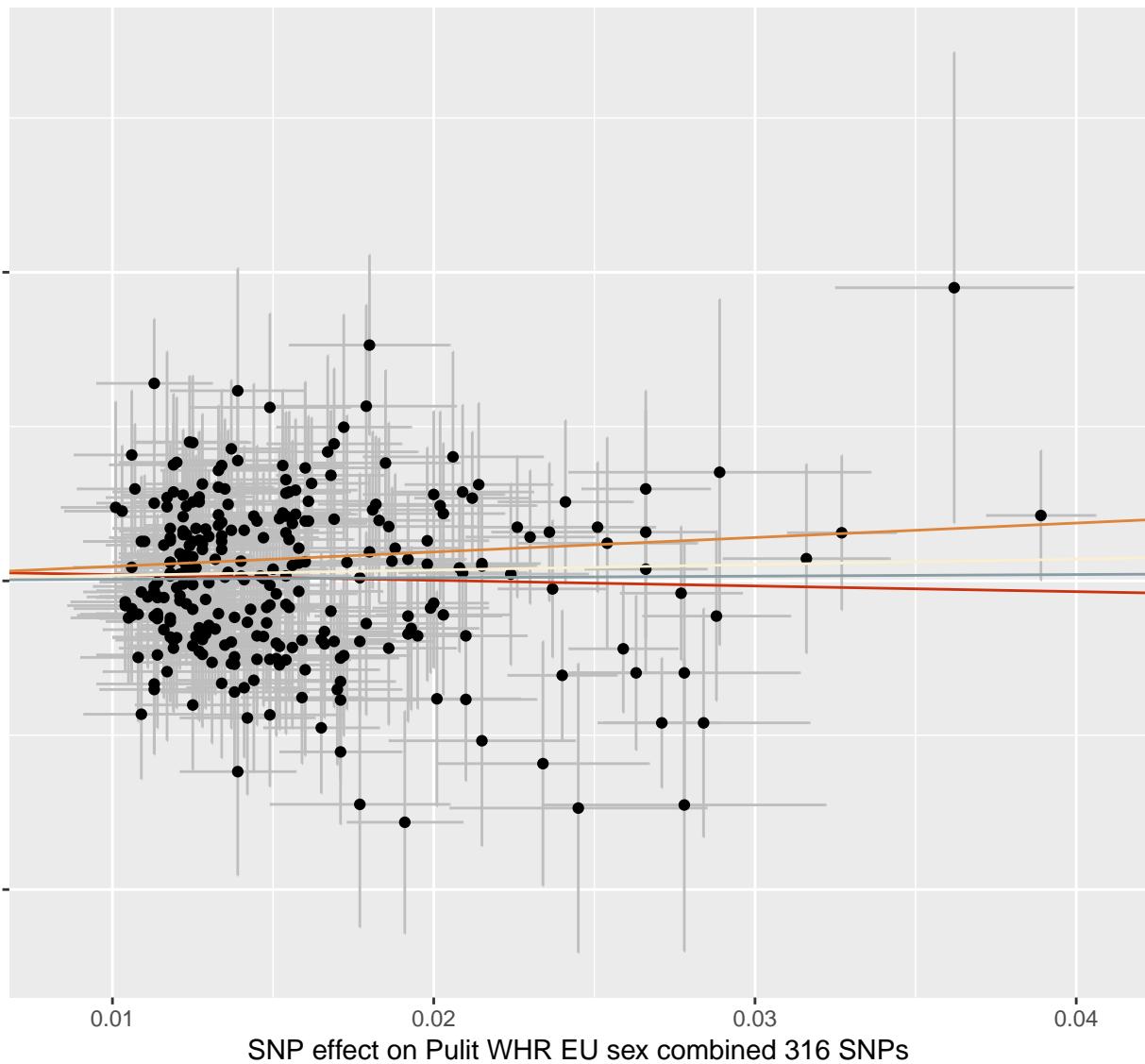


Weighted median



Weighted mode

SNP effect on X-11845 || id:550



SNP effect on Pult WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

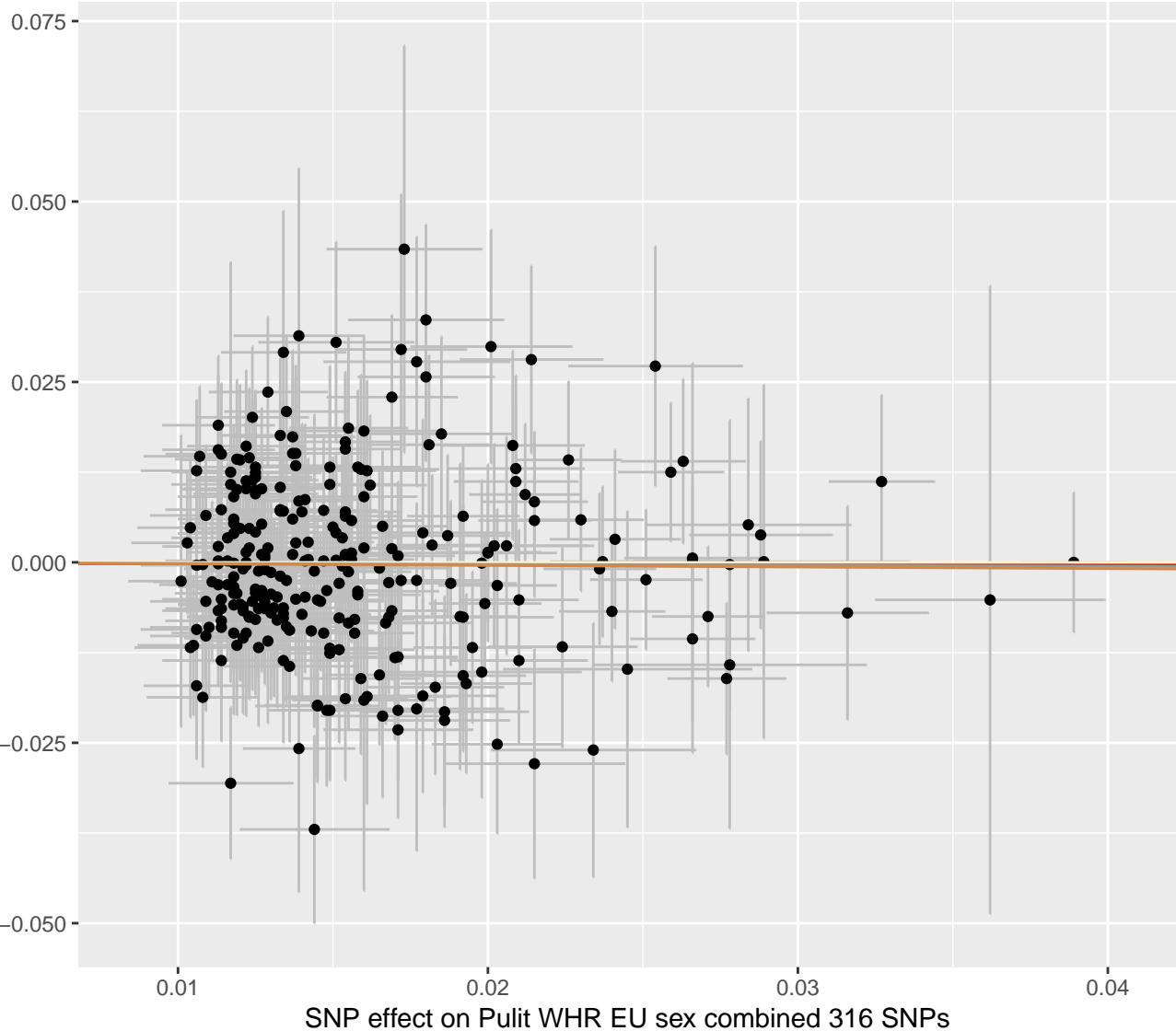


Weighted median



Weighted mode

SNP effect on X-11847 || id:51



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

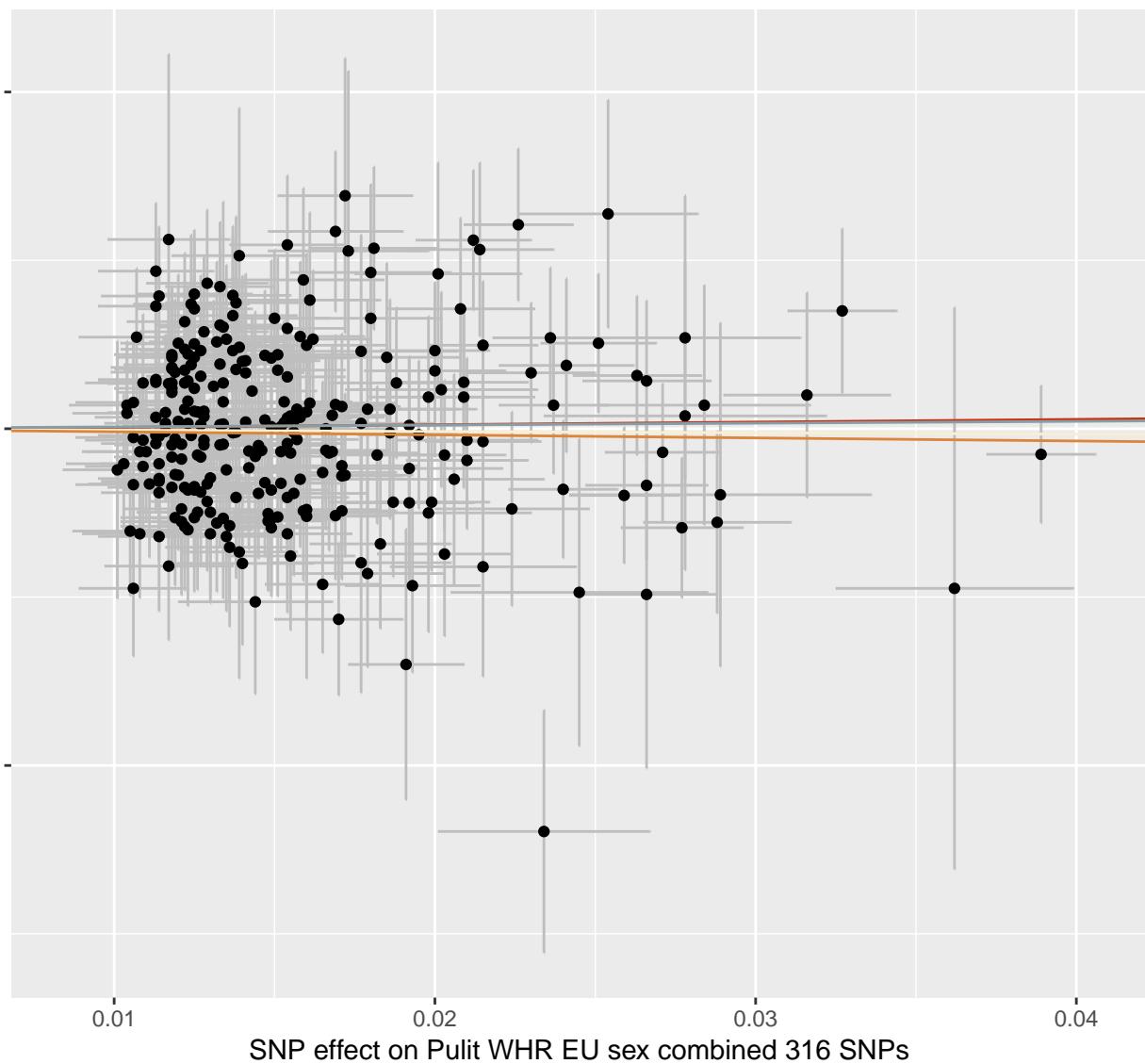


Weighted median



Weighted mode

SNP effect on X-11849 || id:552



SNP effect on Pult WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

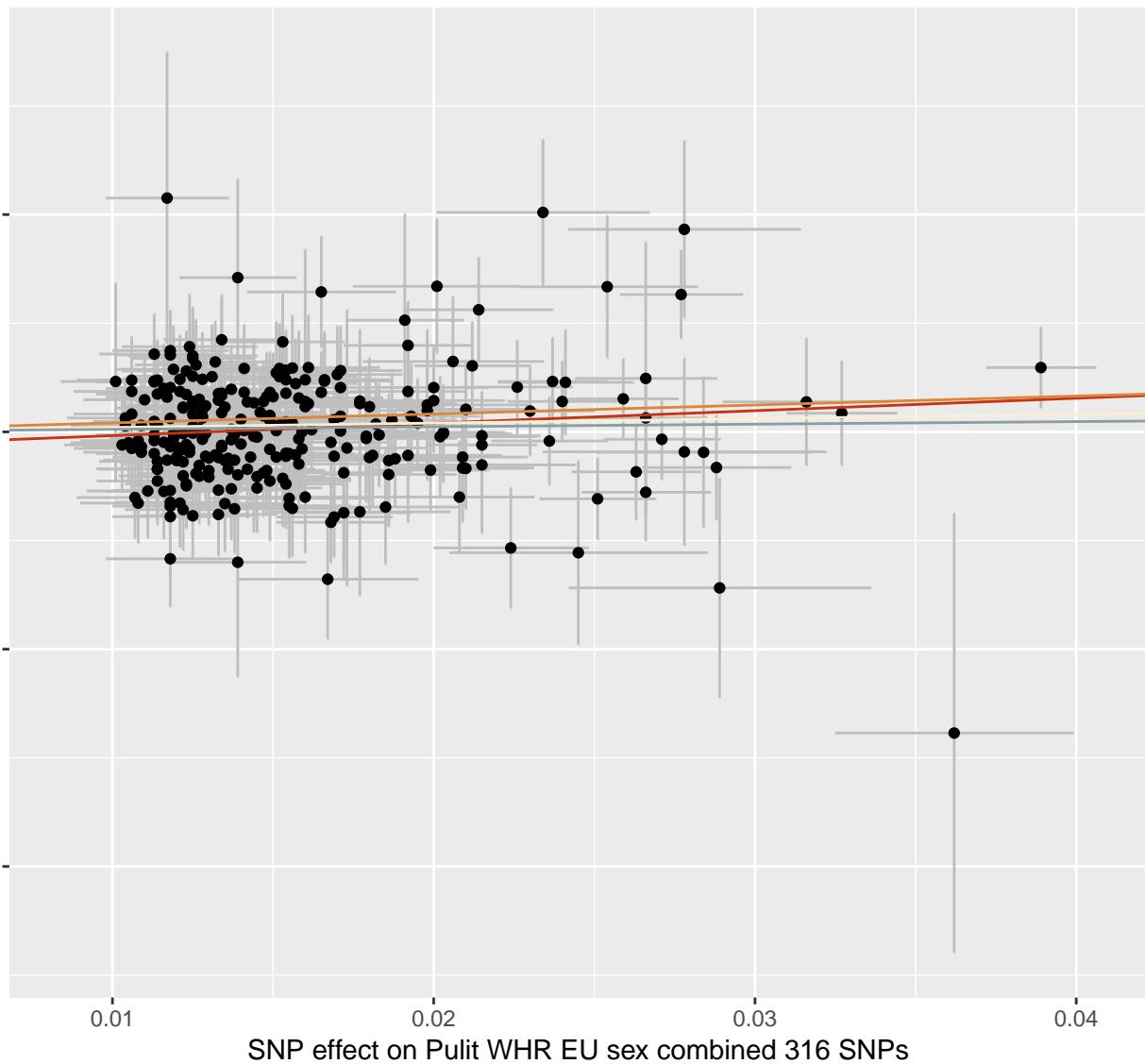


Weighted median



Weighted mode

SNP effect on X-11850 || id:553



MR Test



Inverse variance weighted (multiplicative random effects)



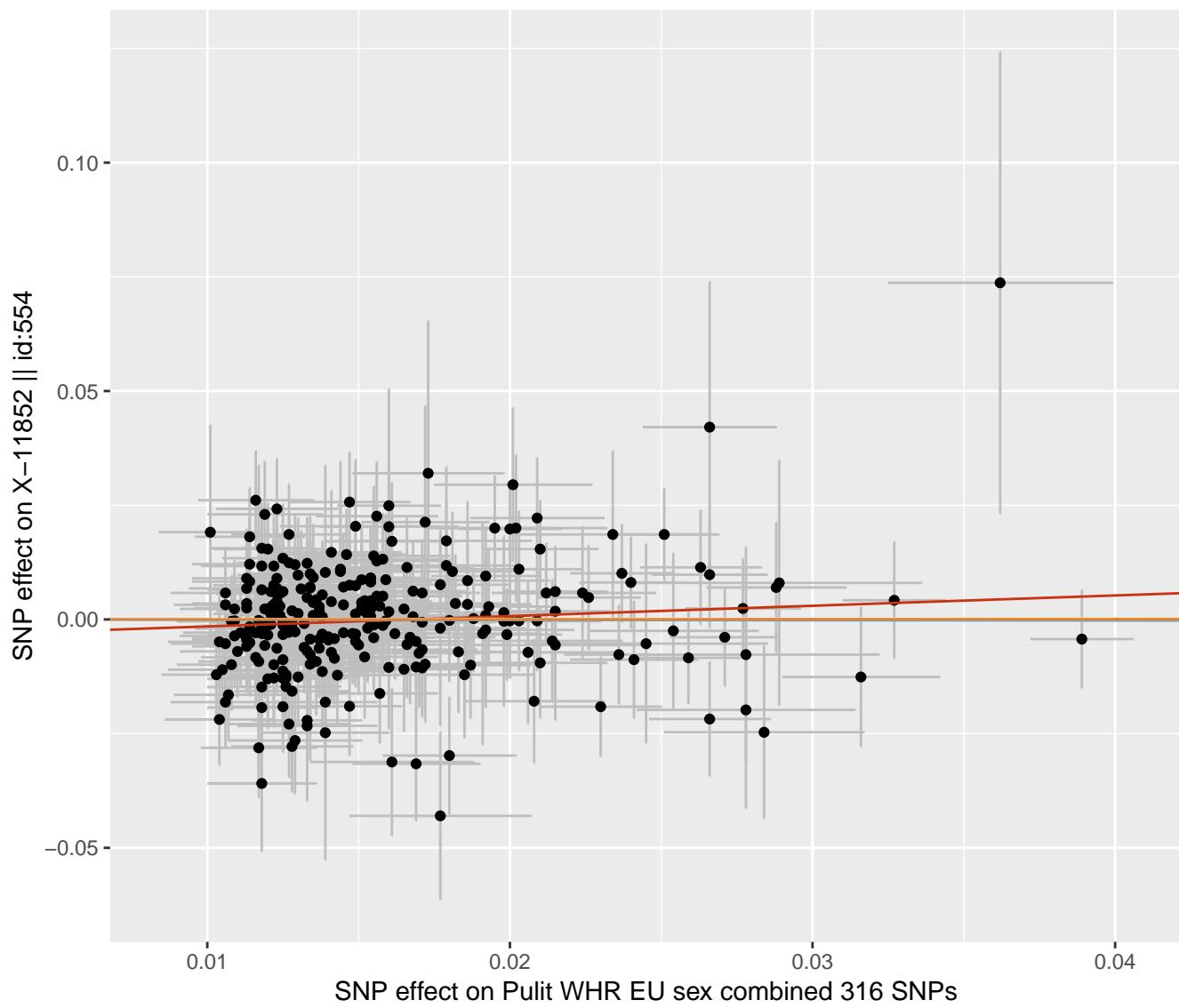
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

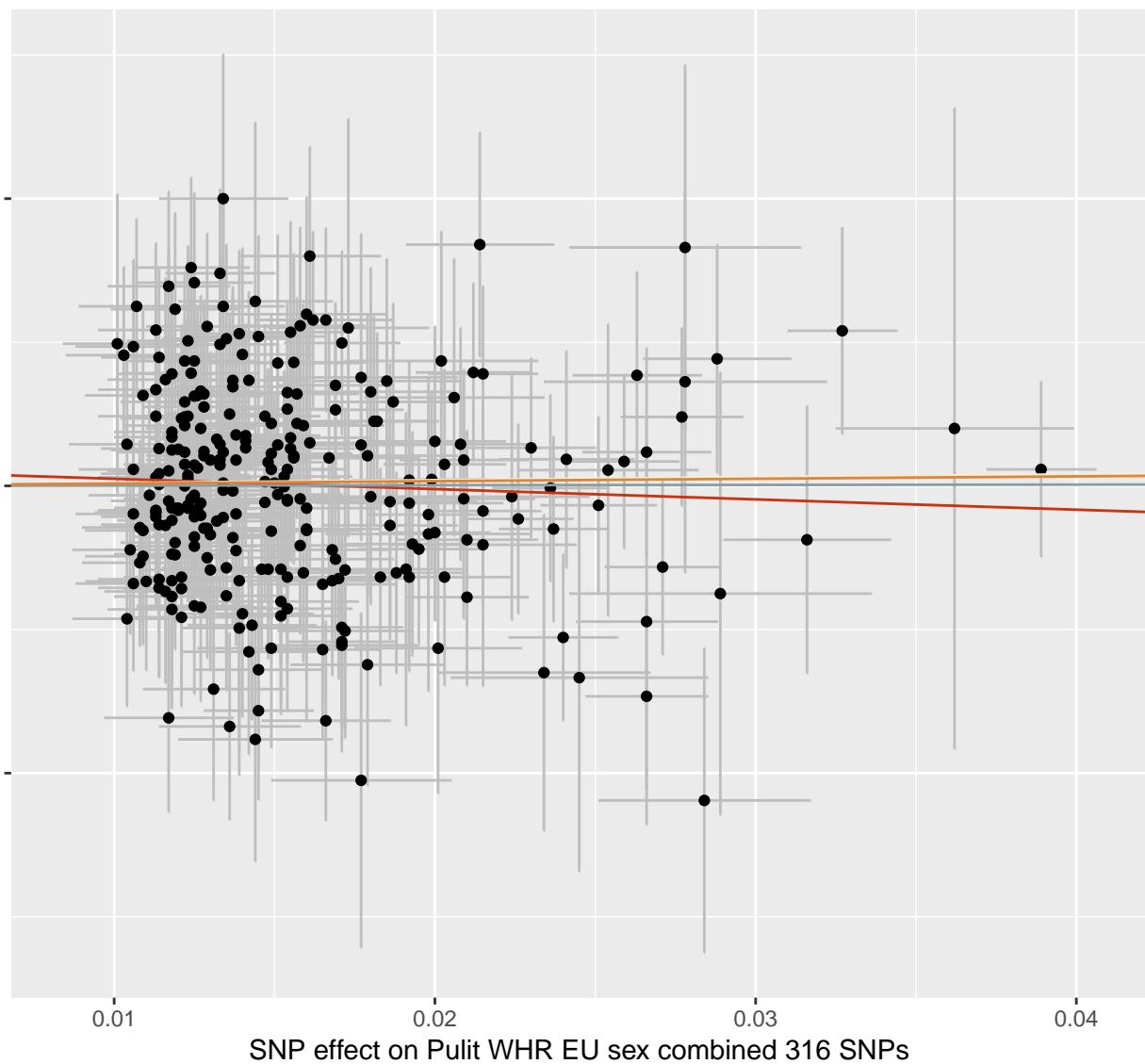


Weighted median



Weighted mode

SNP effect on X-11858 || id:555



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

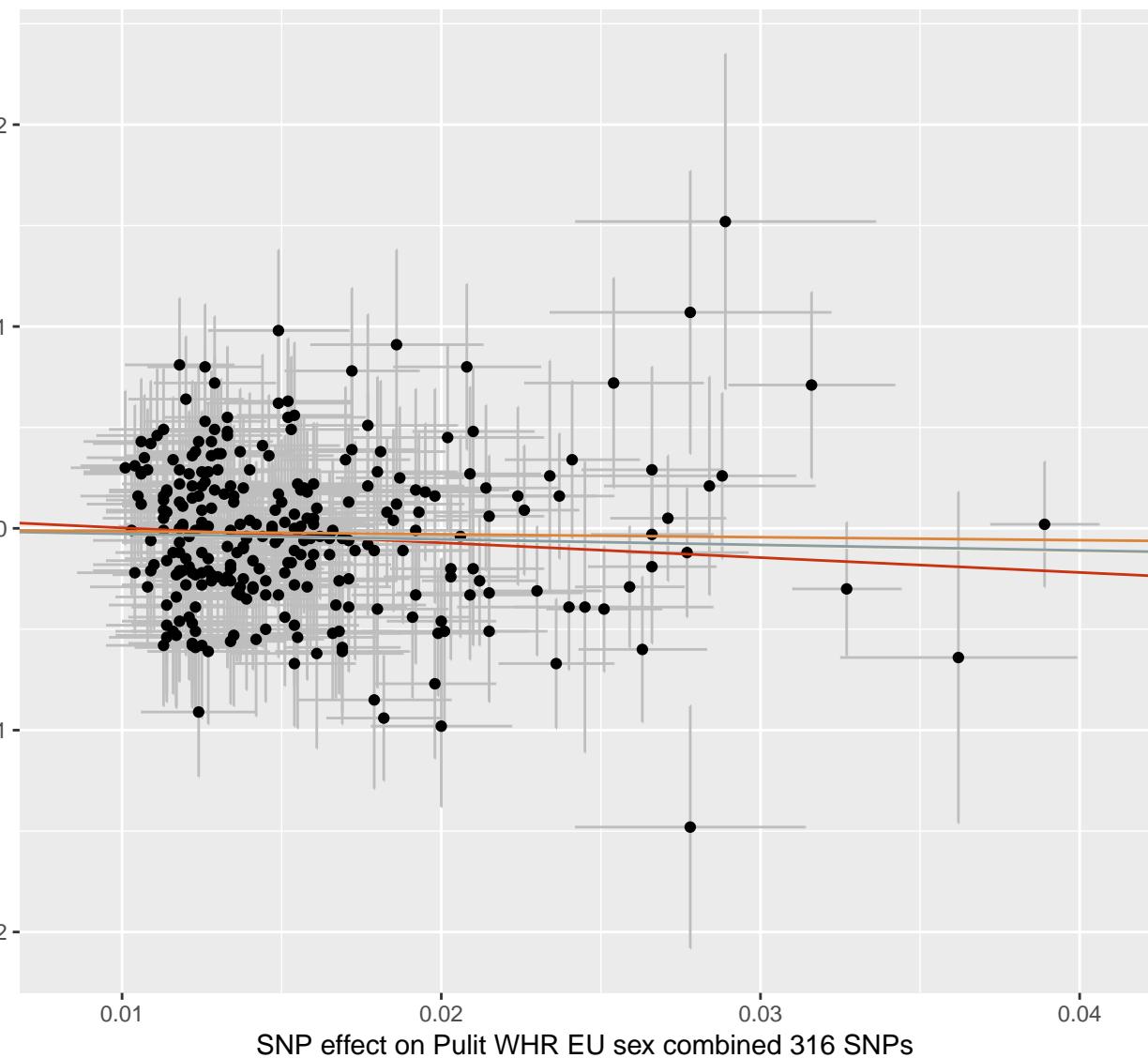


Weighted median



Weighted mode

SNP effect on X-11859 || id:556



MR Test



Inverse variance weighted (multiplicative random effects)



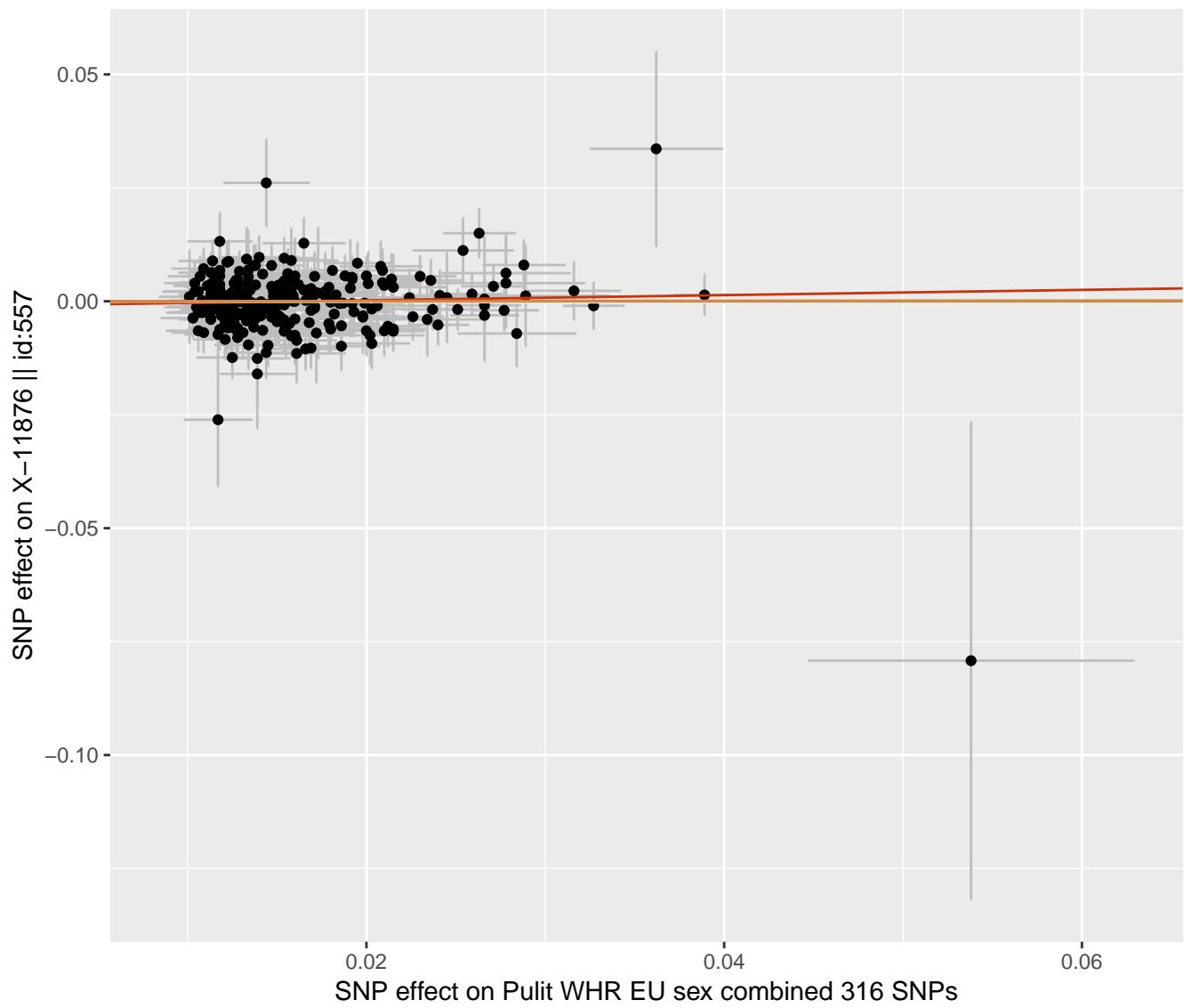
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



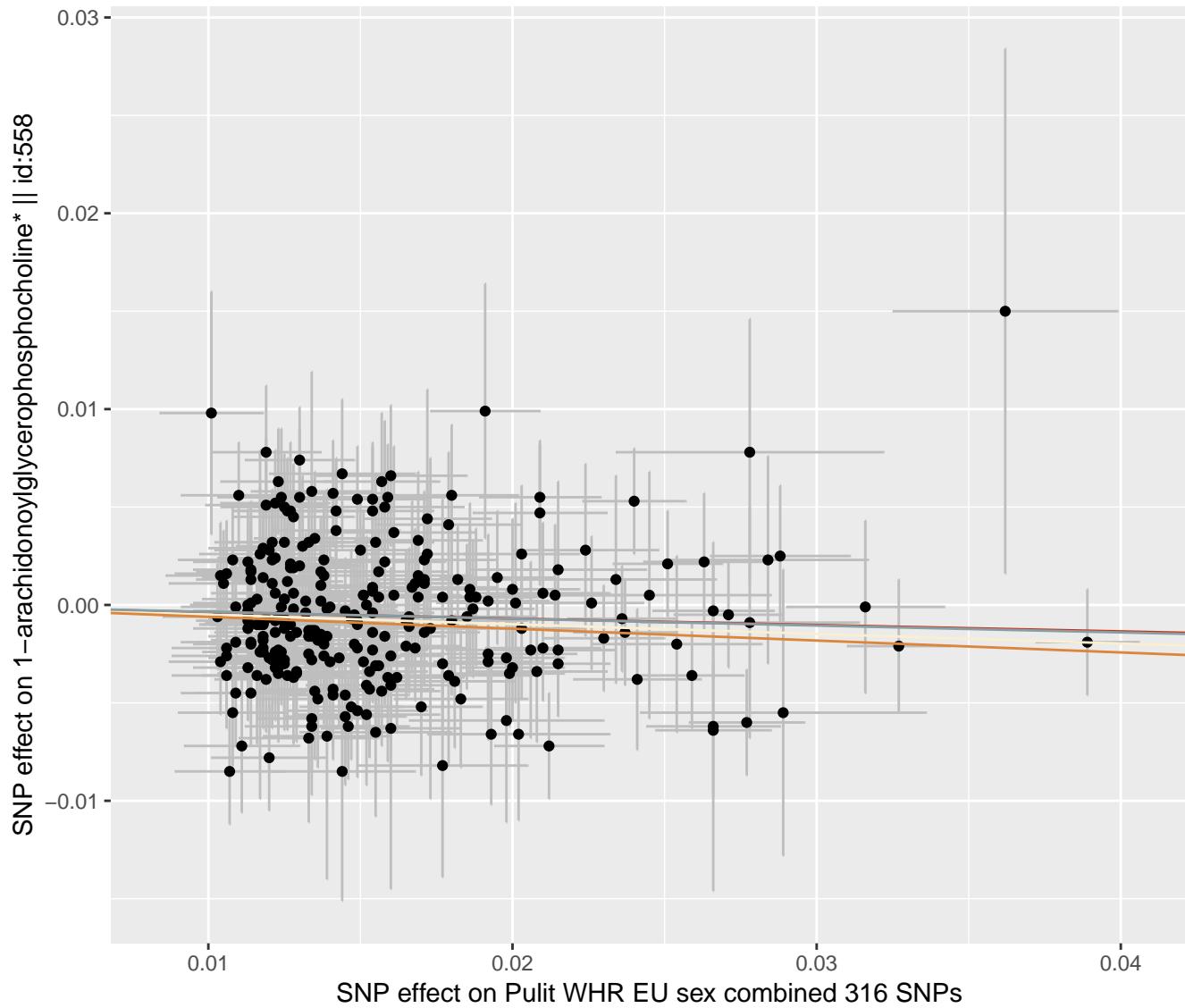
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



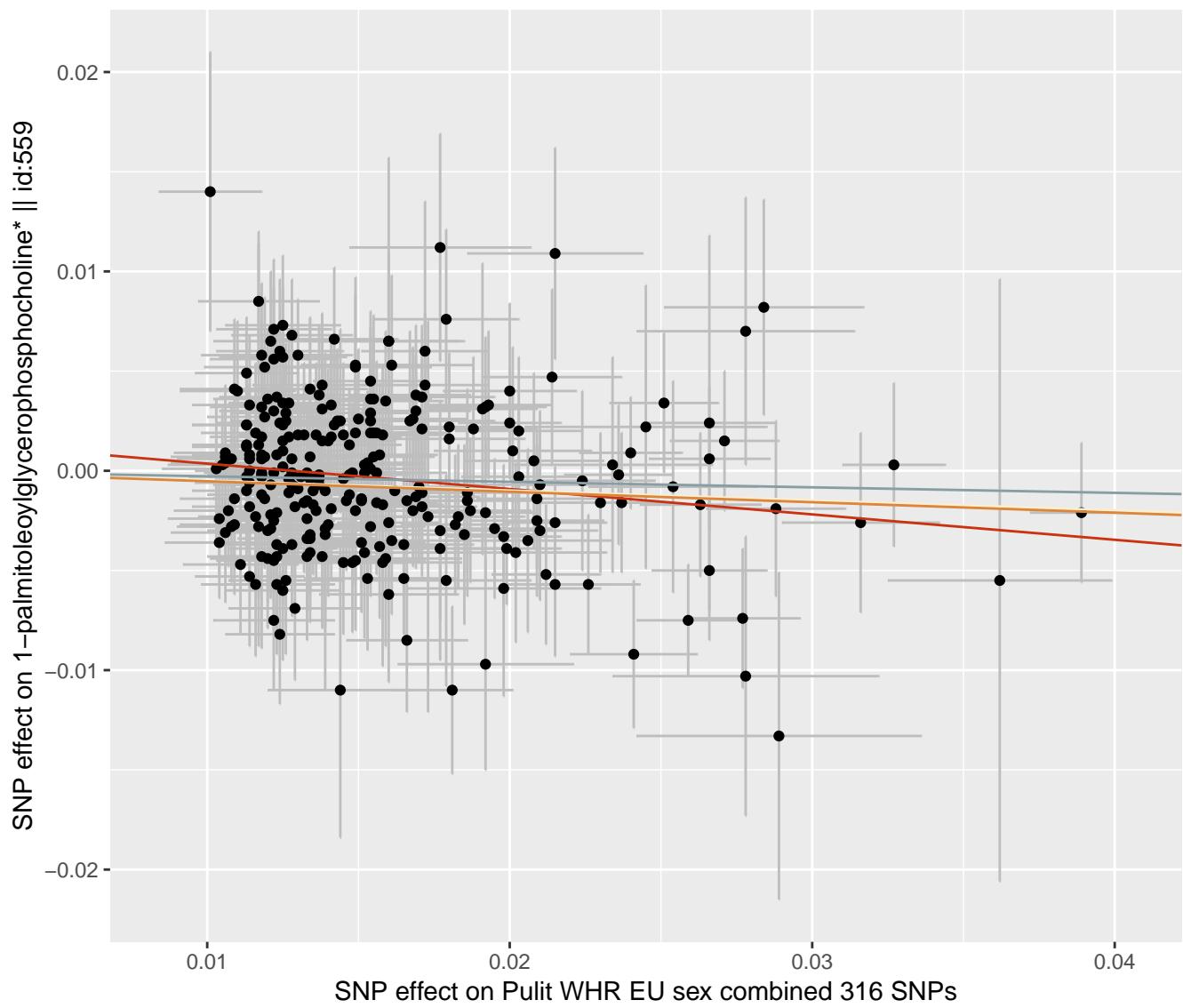
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



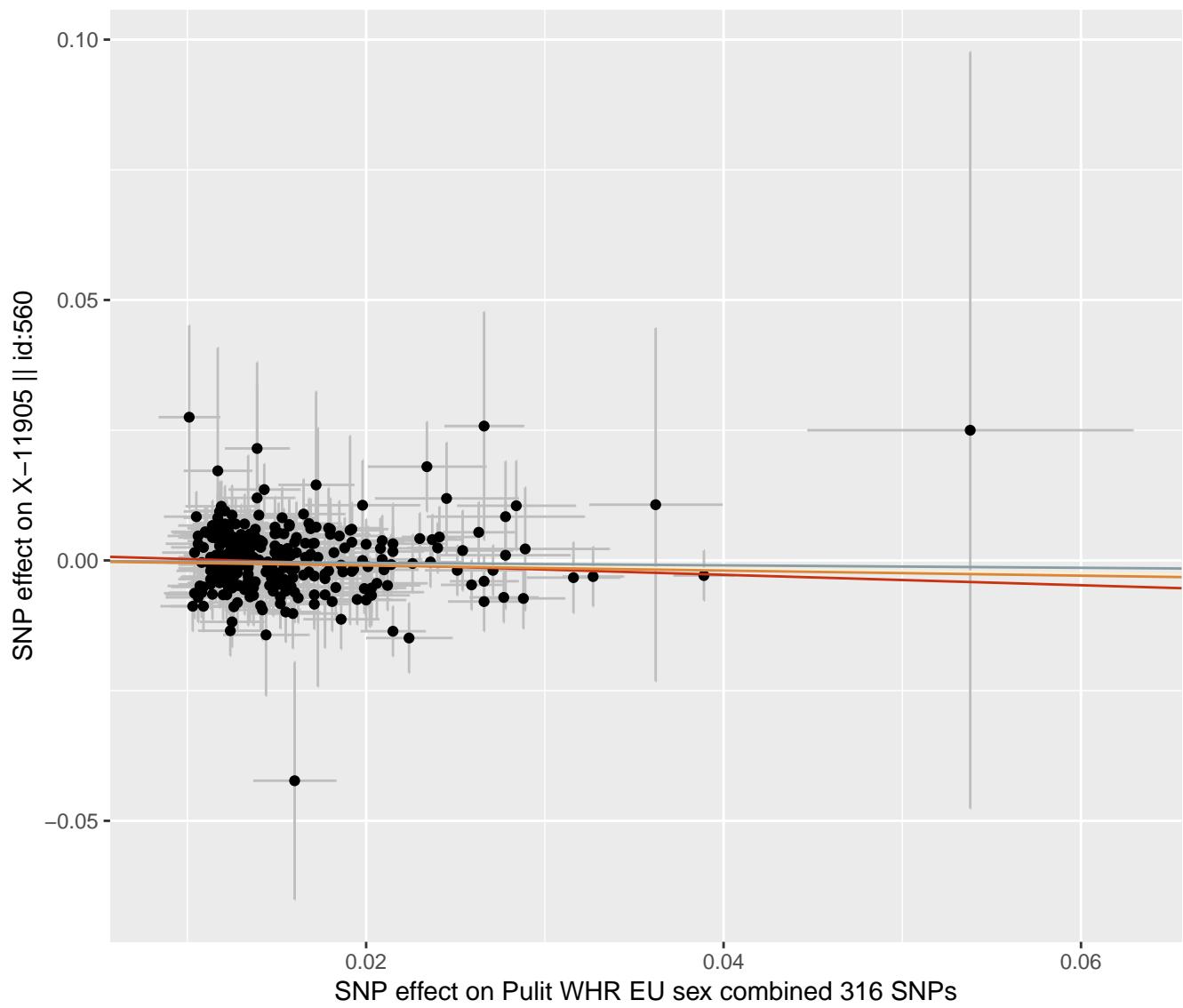
MR Egger



Weighted median

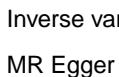


Weighted mode

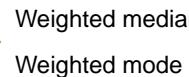


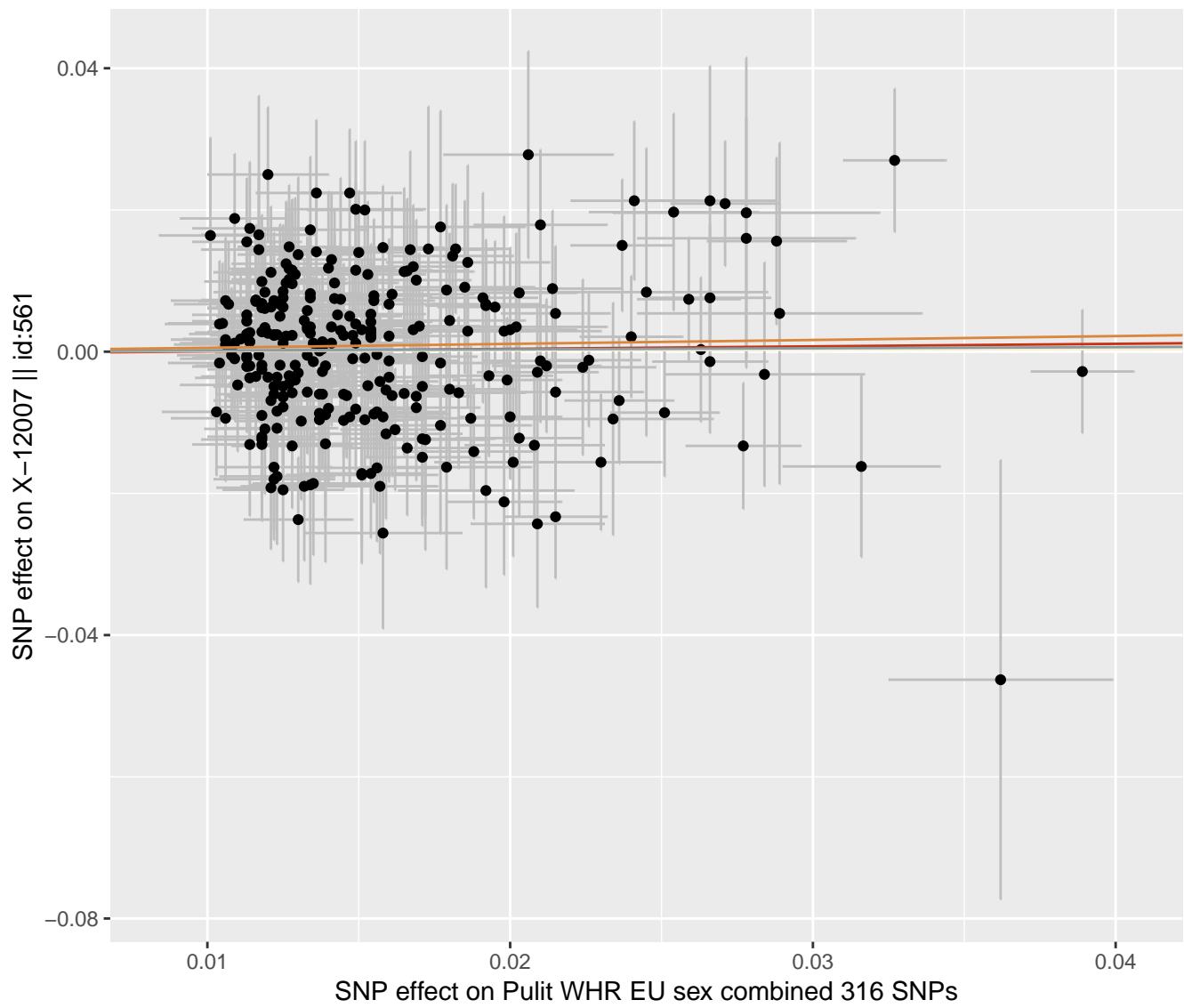
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

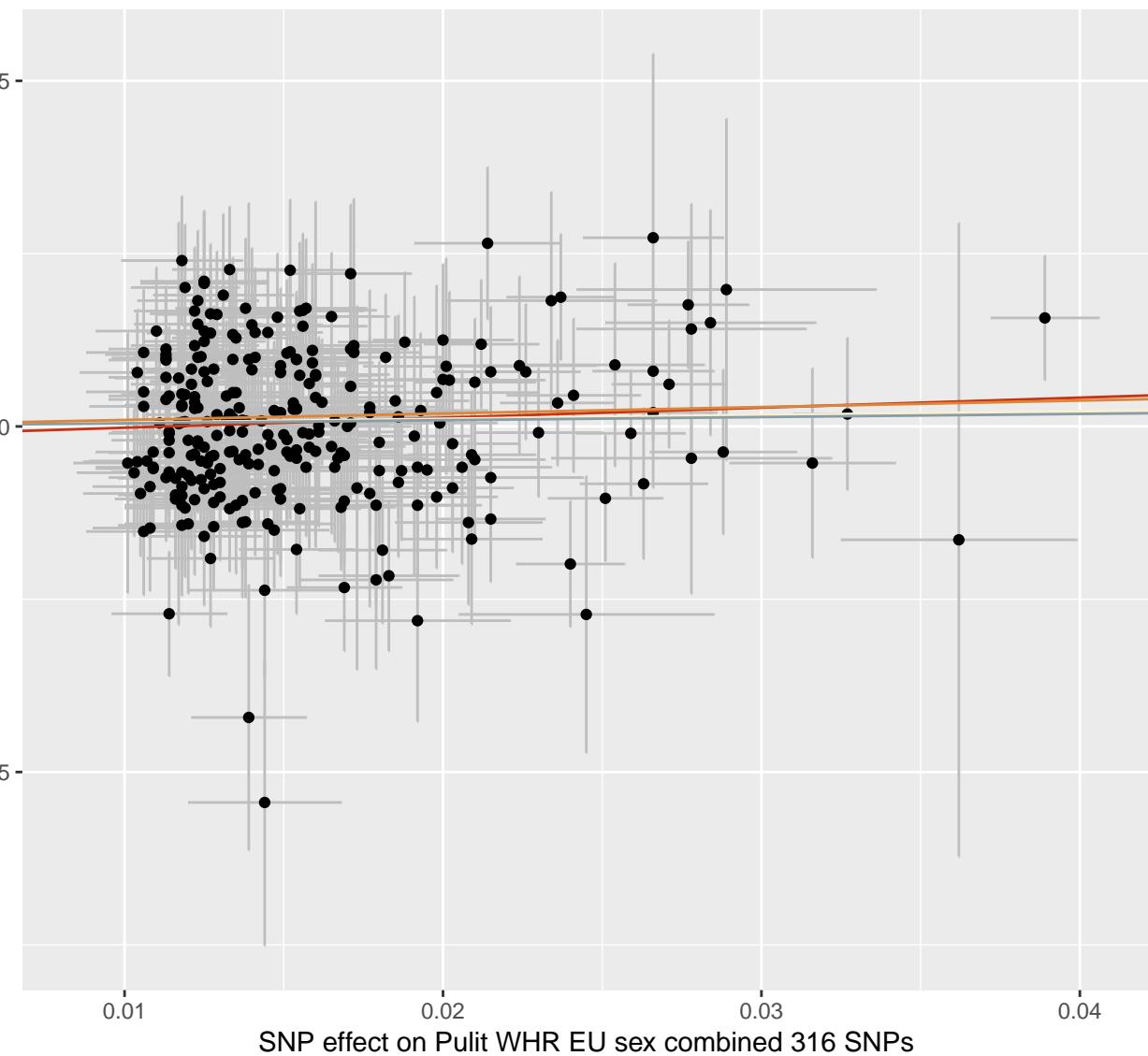


Weighted median



Weighted mode

SNP effect on X-12013 || id:562



MR Test



Inverse variance weighted (multiplicative random effects)



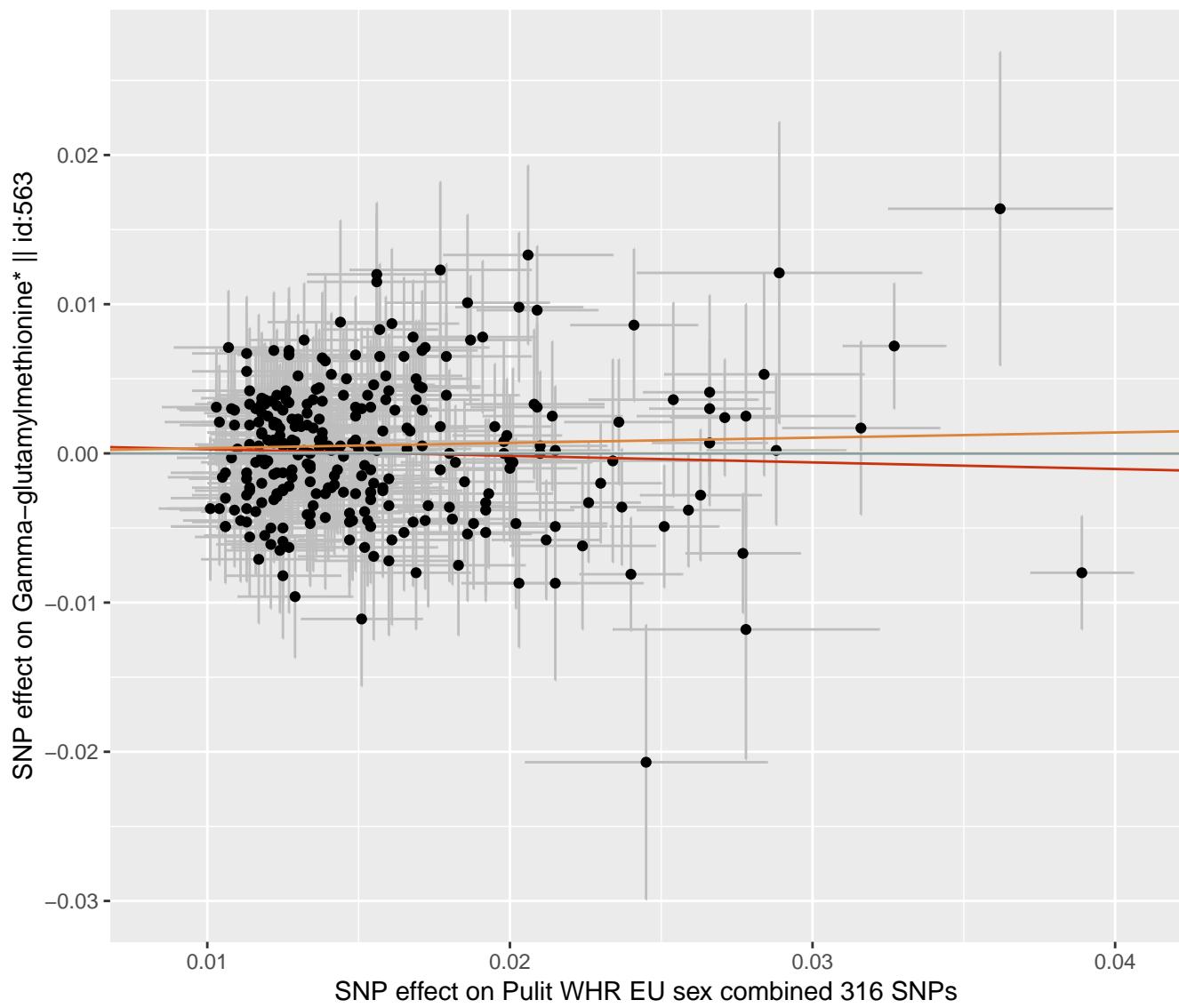
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



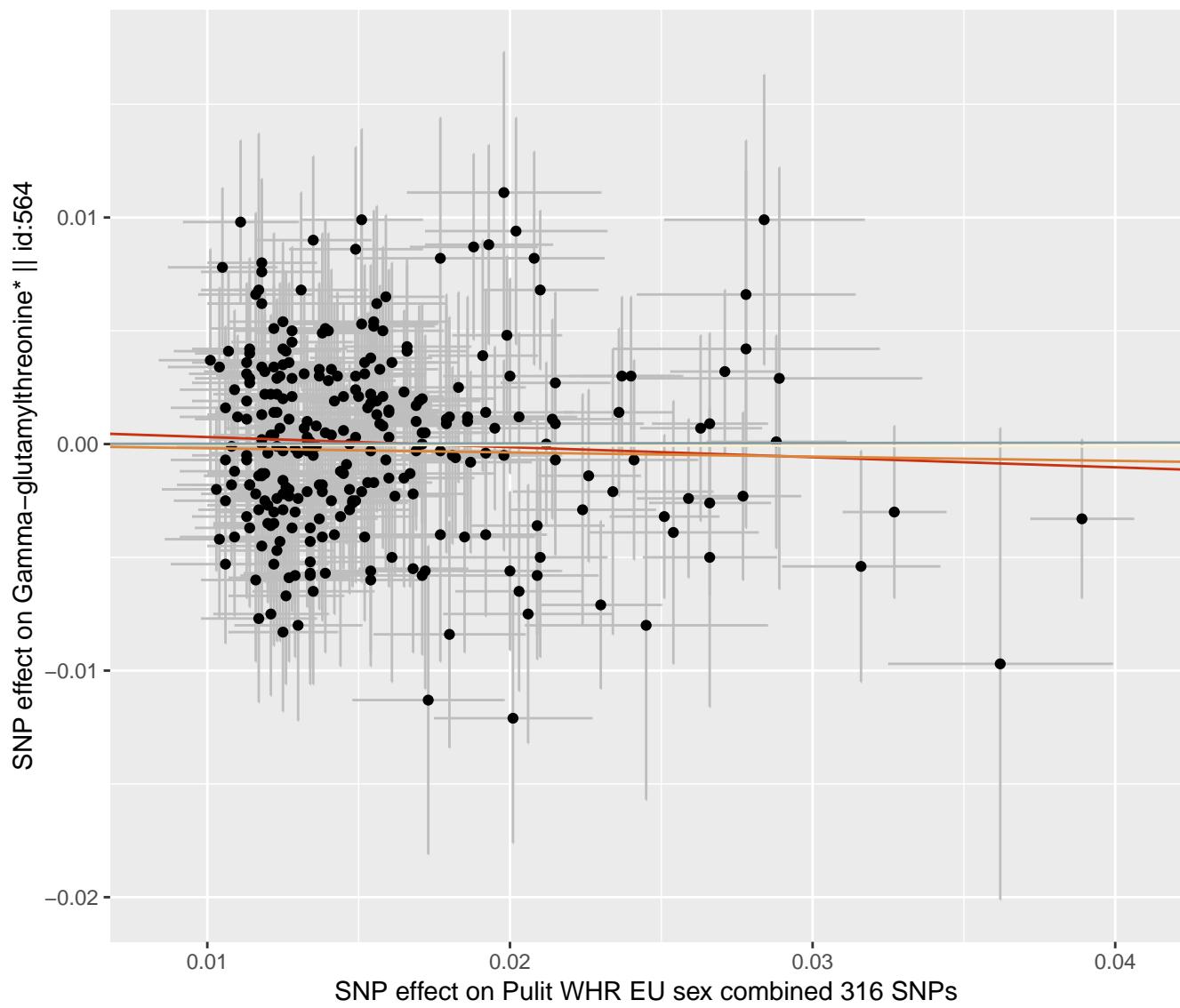
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



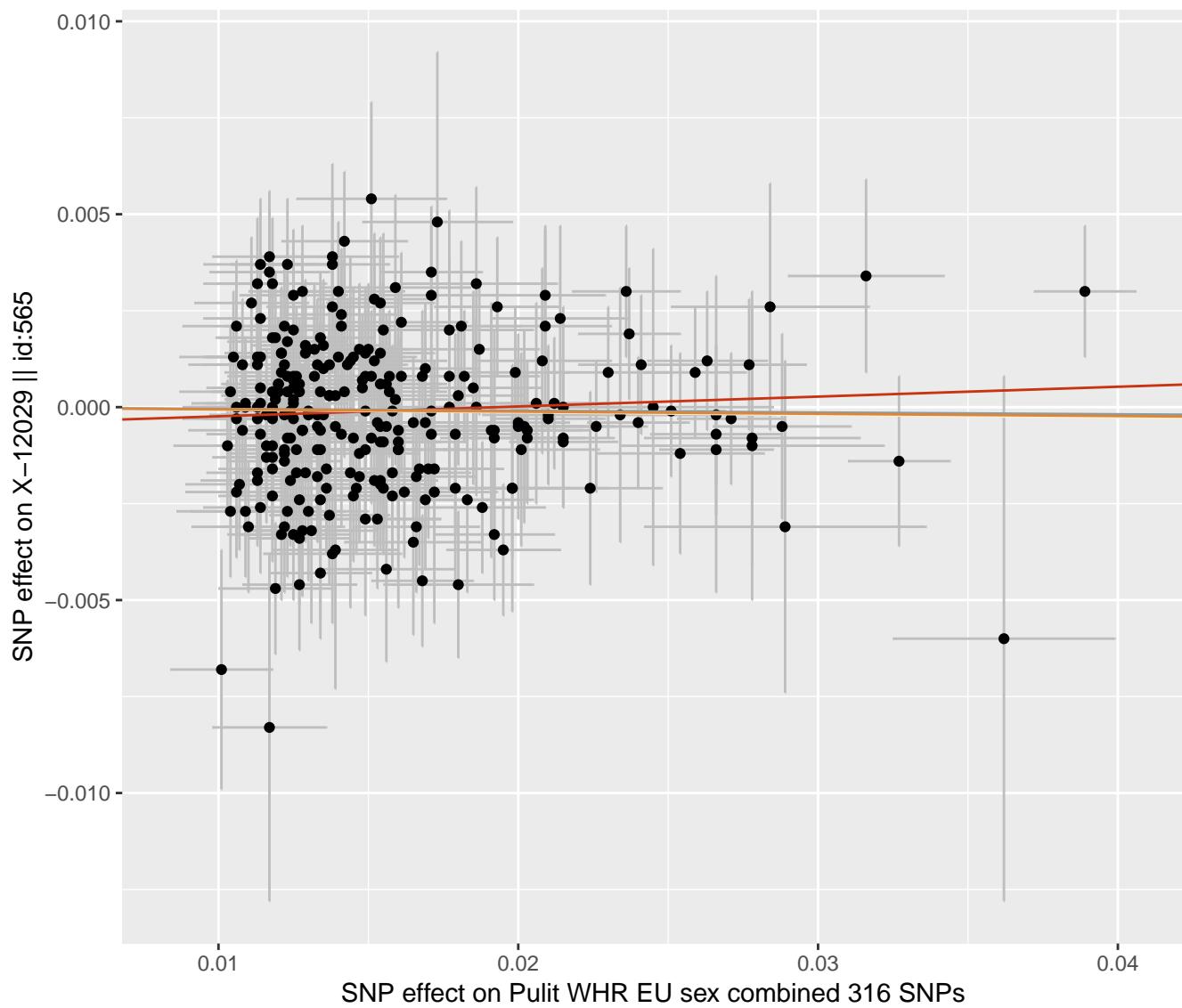
MR Egger



Weighted median



Weighted mode



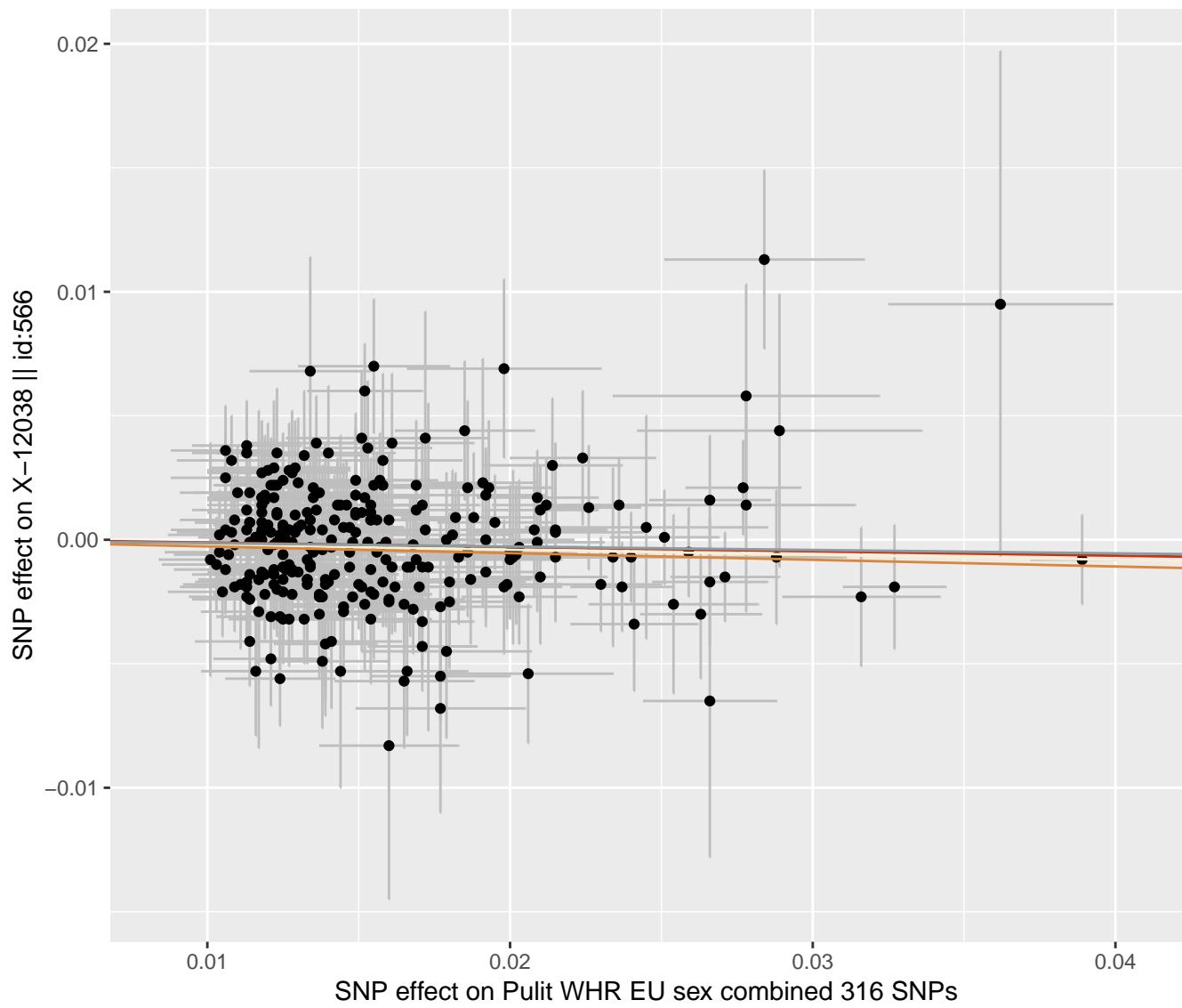
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



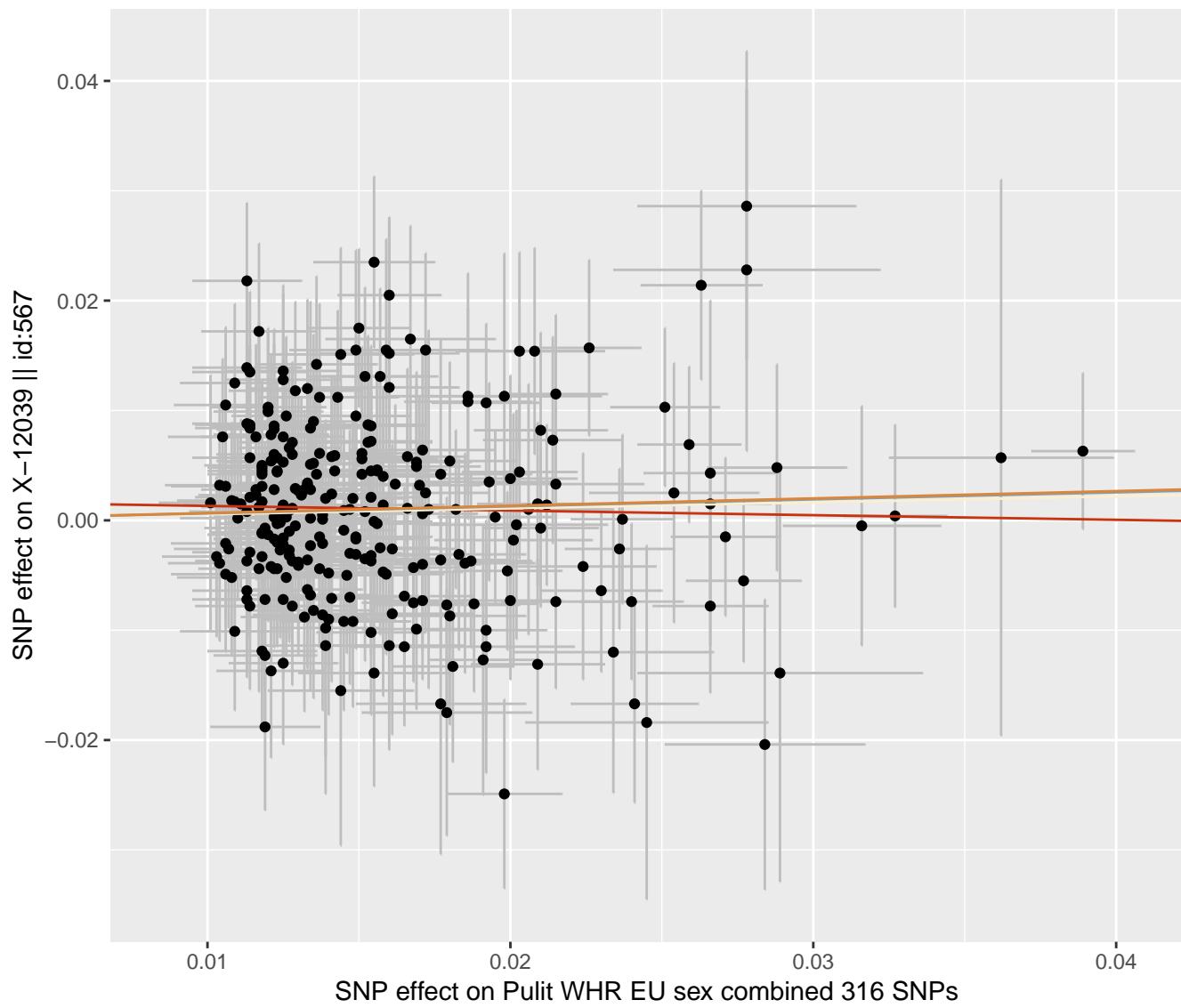
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

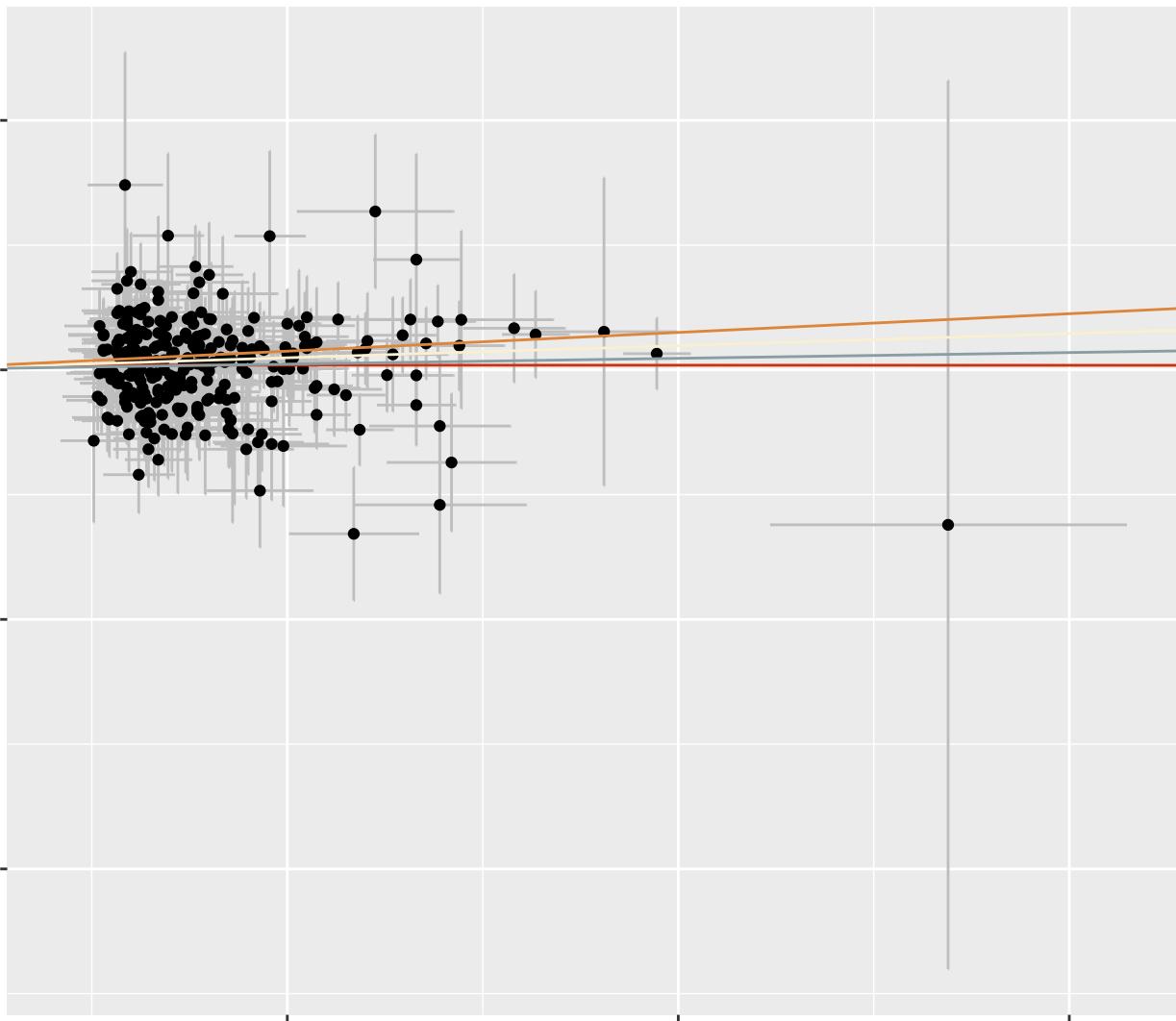


Weighted median



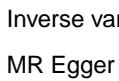
Weighted mode

SNP effect on X-12040 || id:568



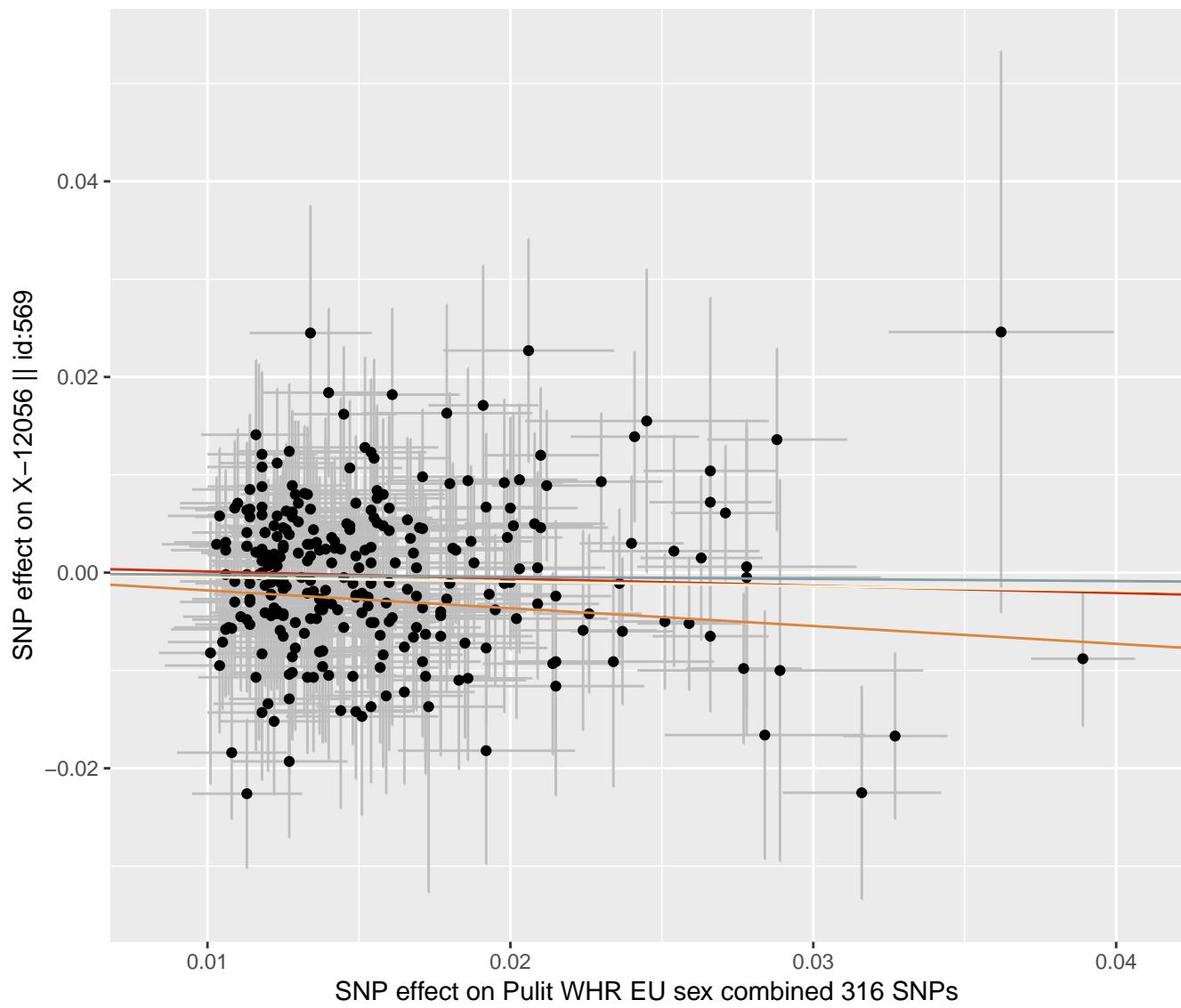
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



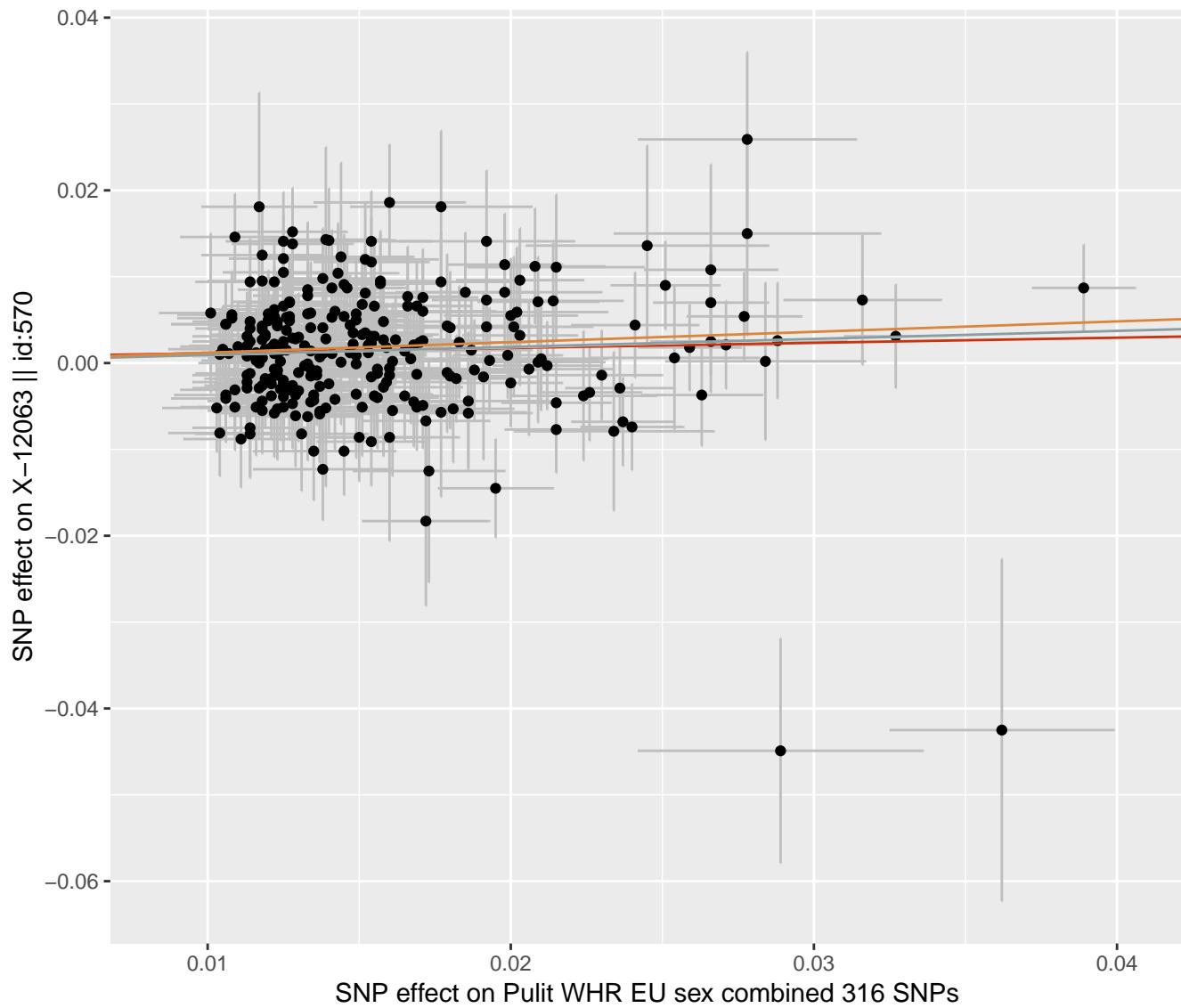
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on Gamma-tocopherol || id:571

1

0.05

0.01

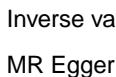
-0.05

SNP effect on Pult WHR EU sex combined 316 SNPs

0.02 0.04 0.06

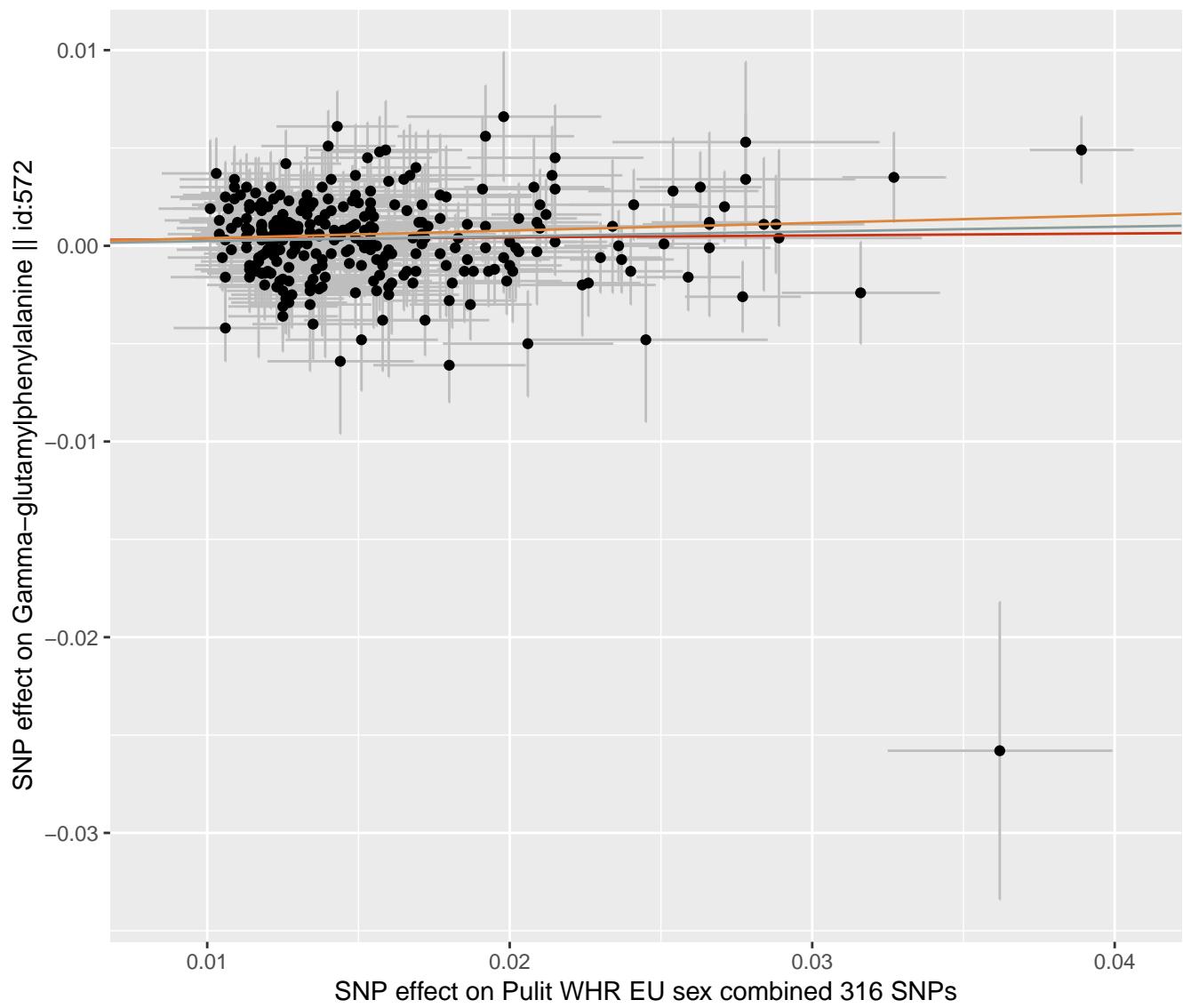
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

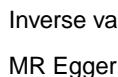
 Weighted median

 Weighted mode



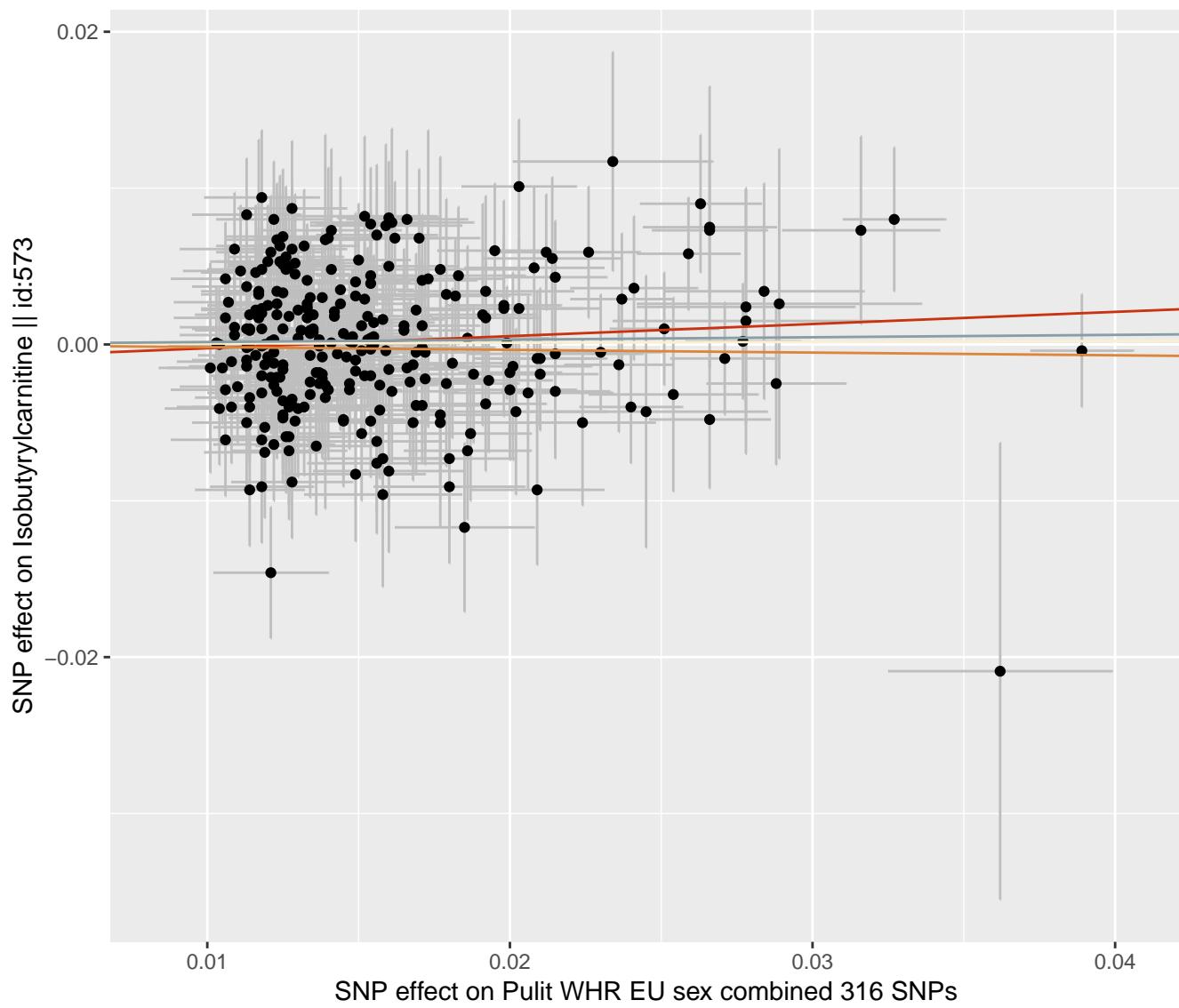
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



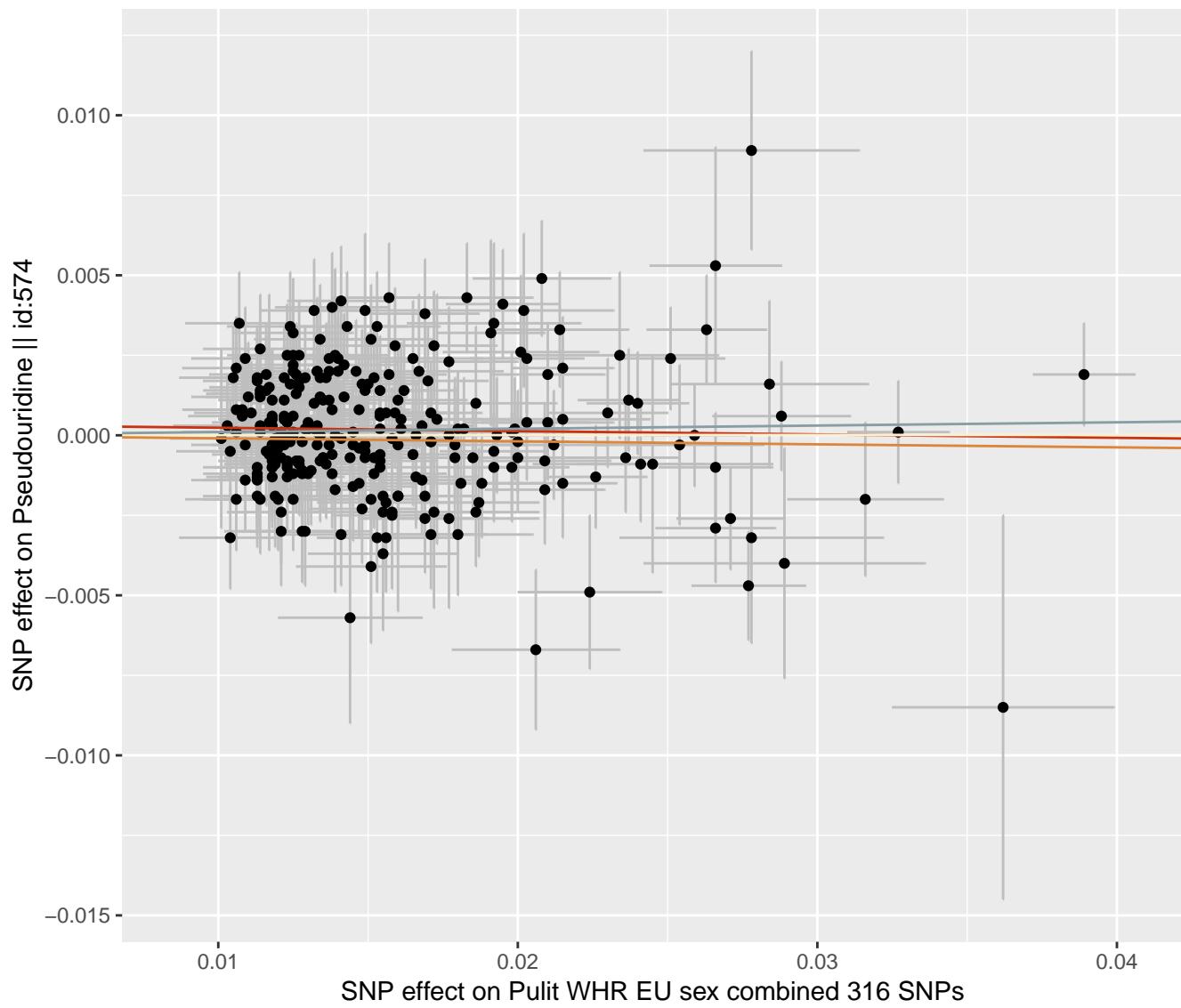
MR Egger



Weighted median



Weighted mode



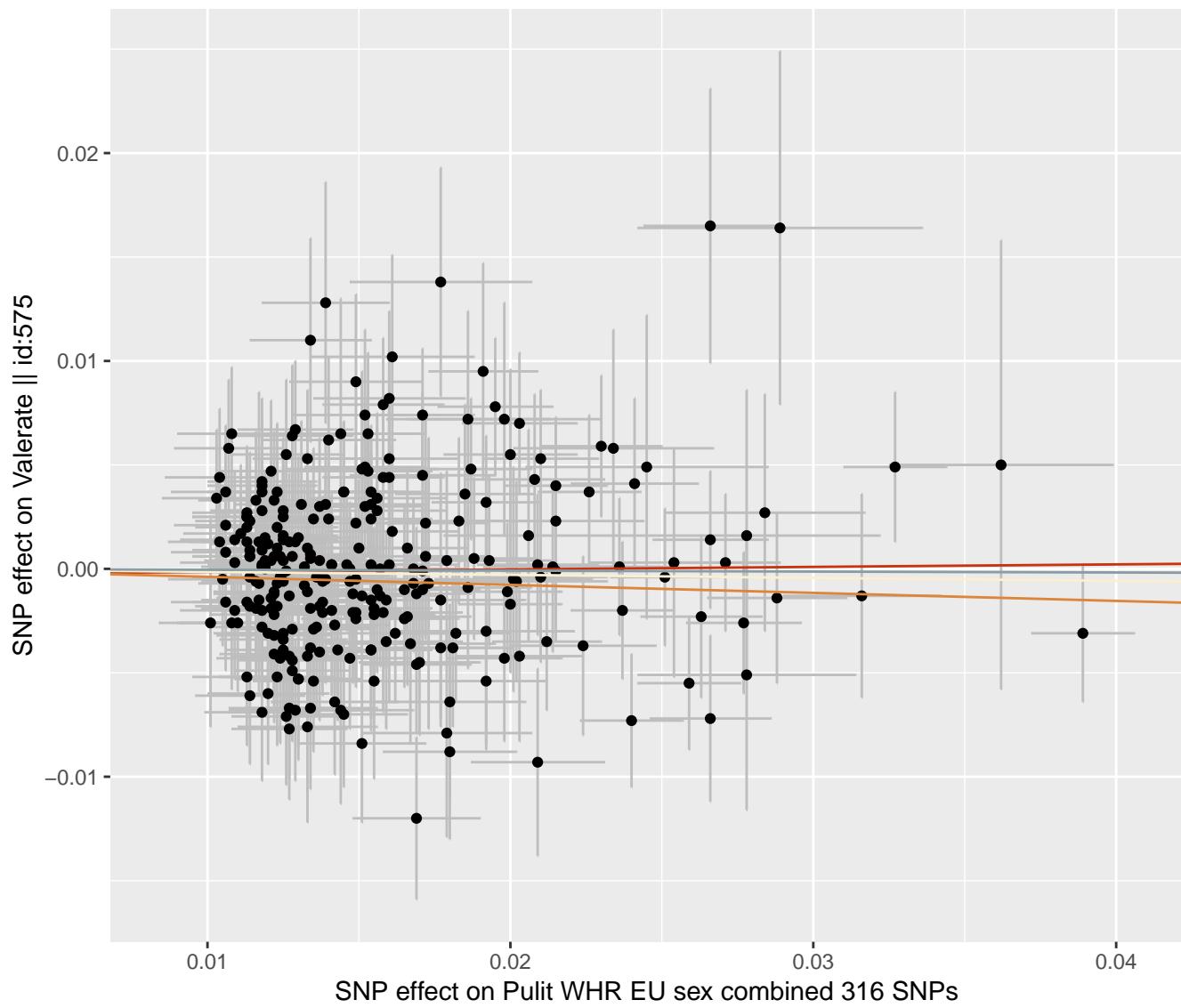
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

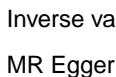
 Weighted median

 Weighted mode



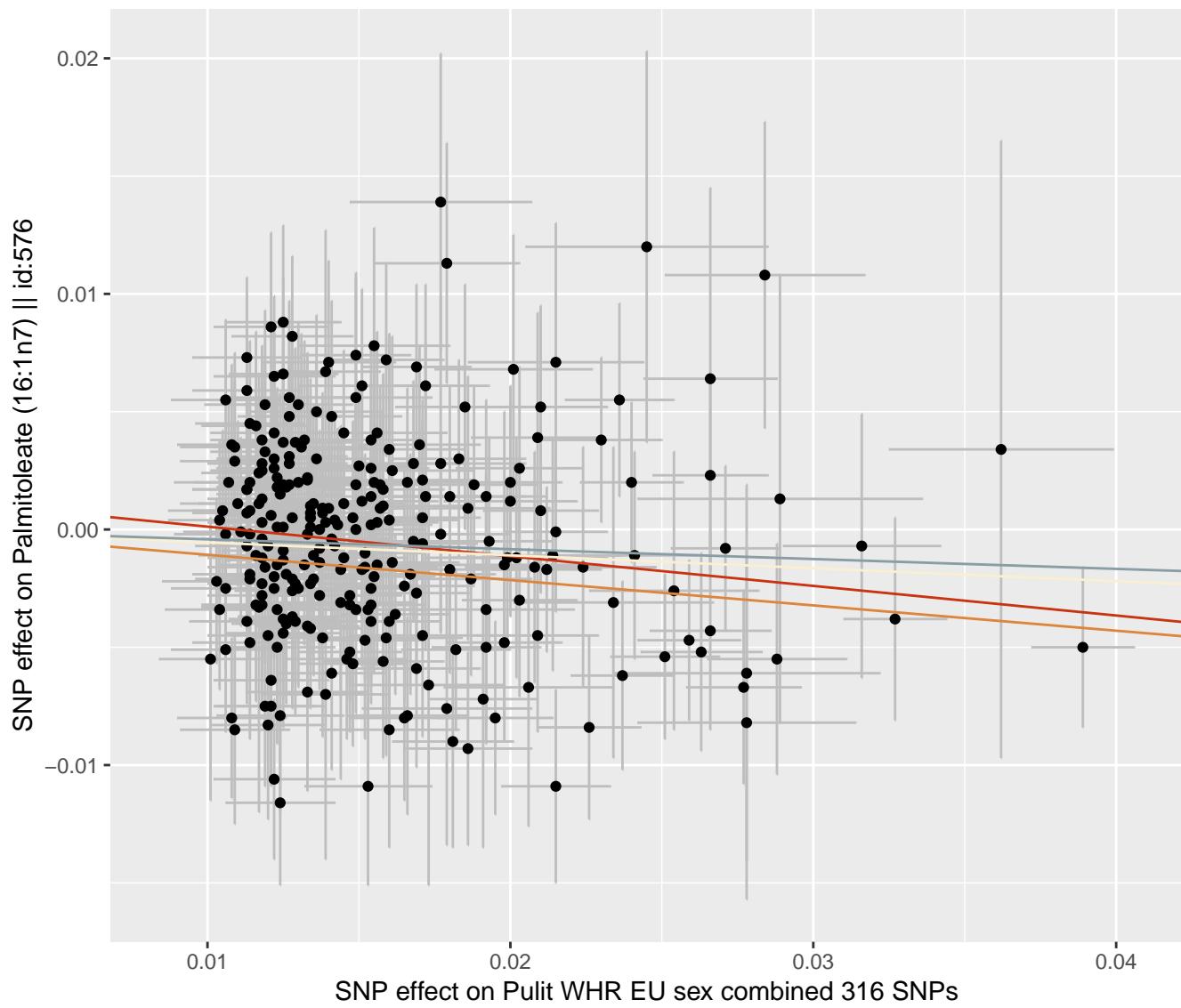
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



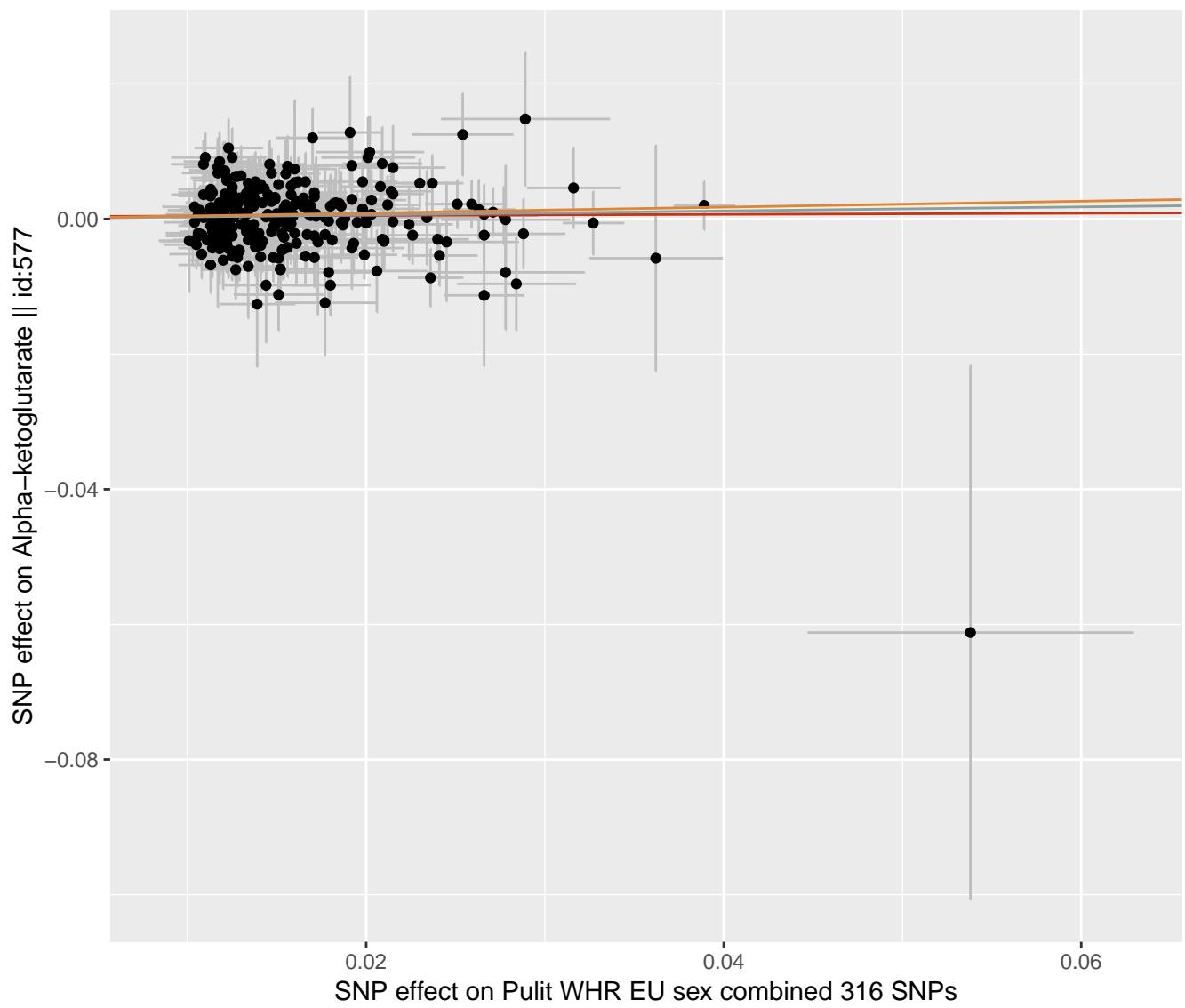
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



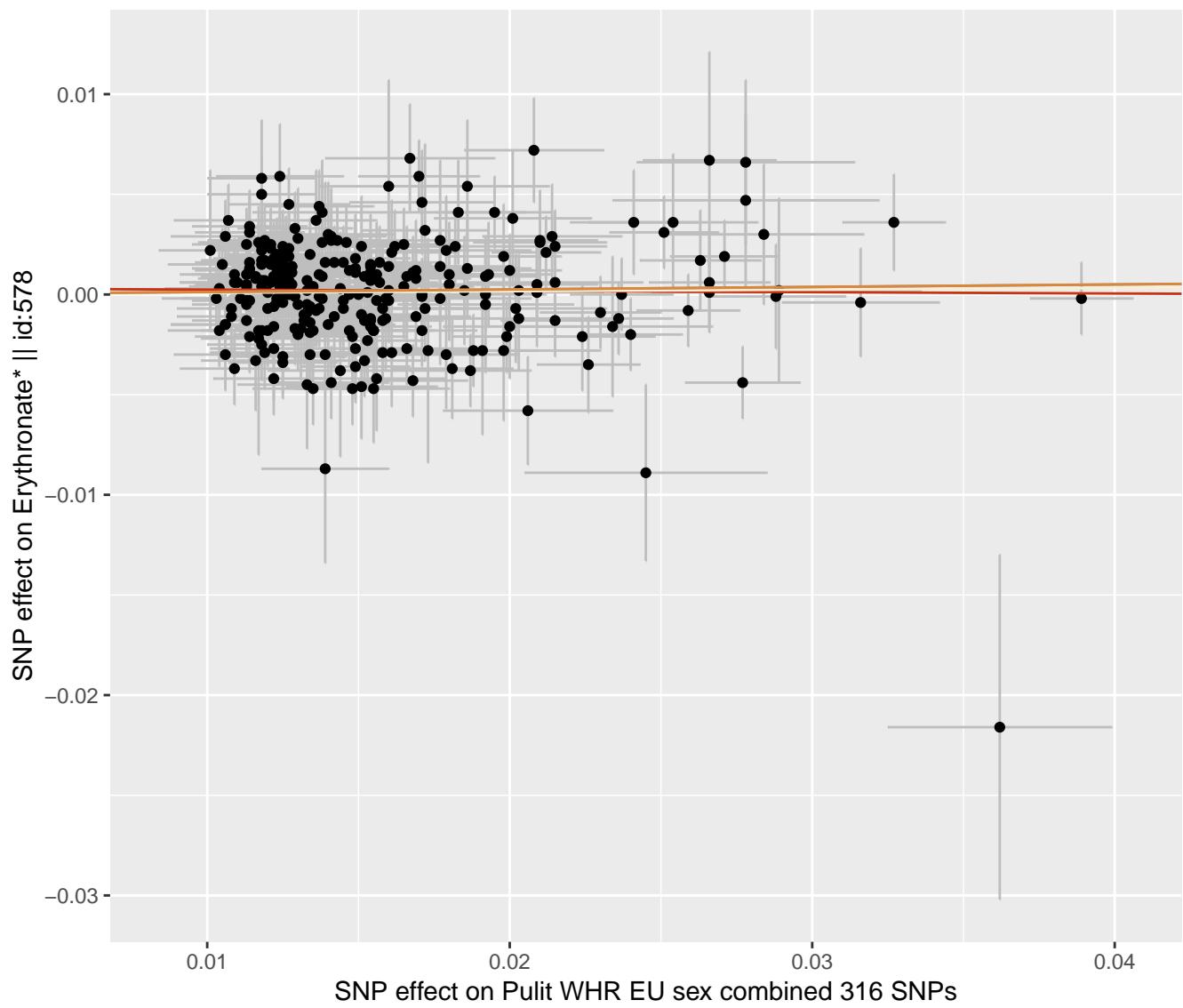
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

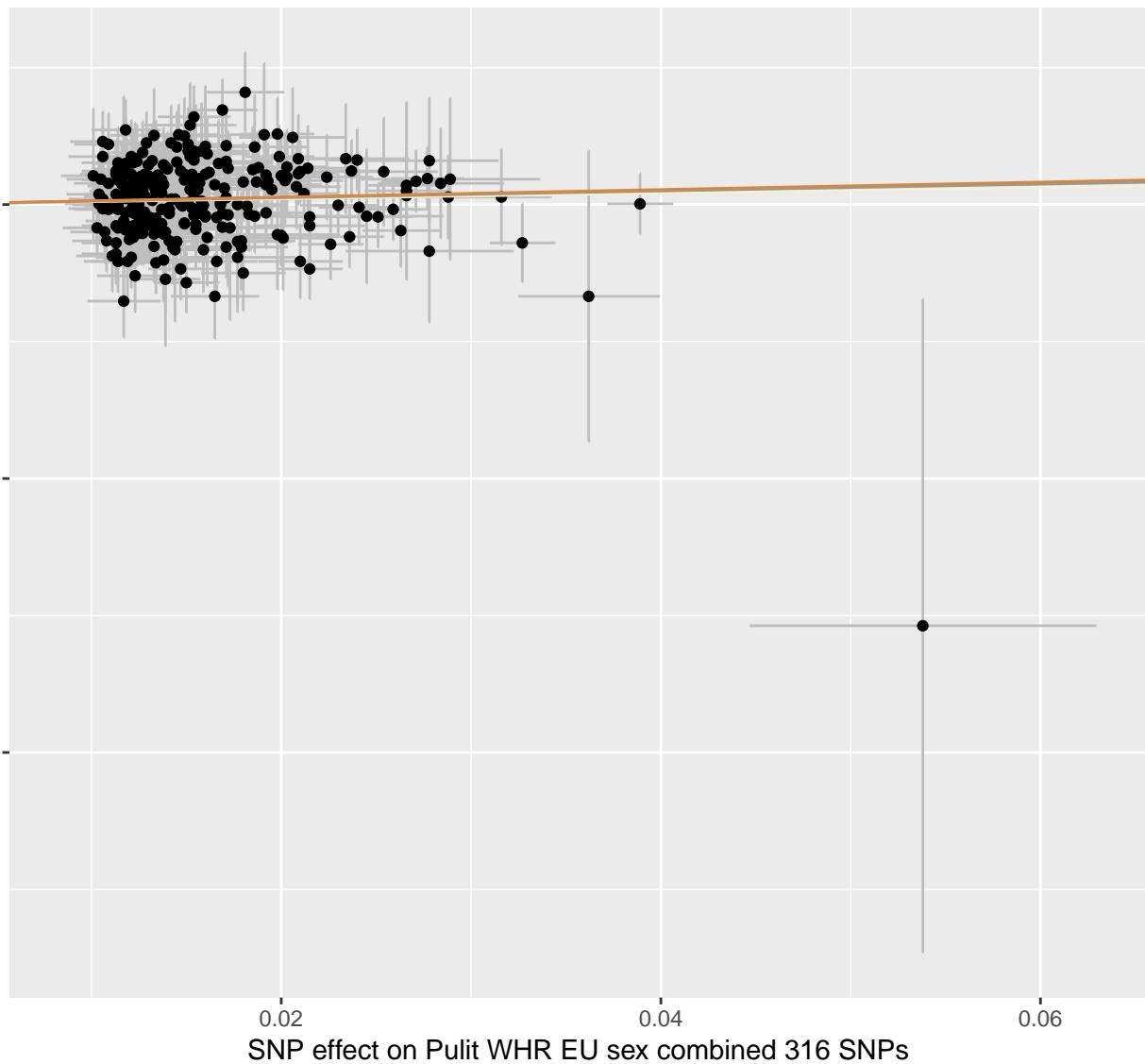


Weighted median



Weighted mode

SNP effect on Lathosterol || id:579



MR Test



Inverse variance weighted (multiplicative random effects)



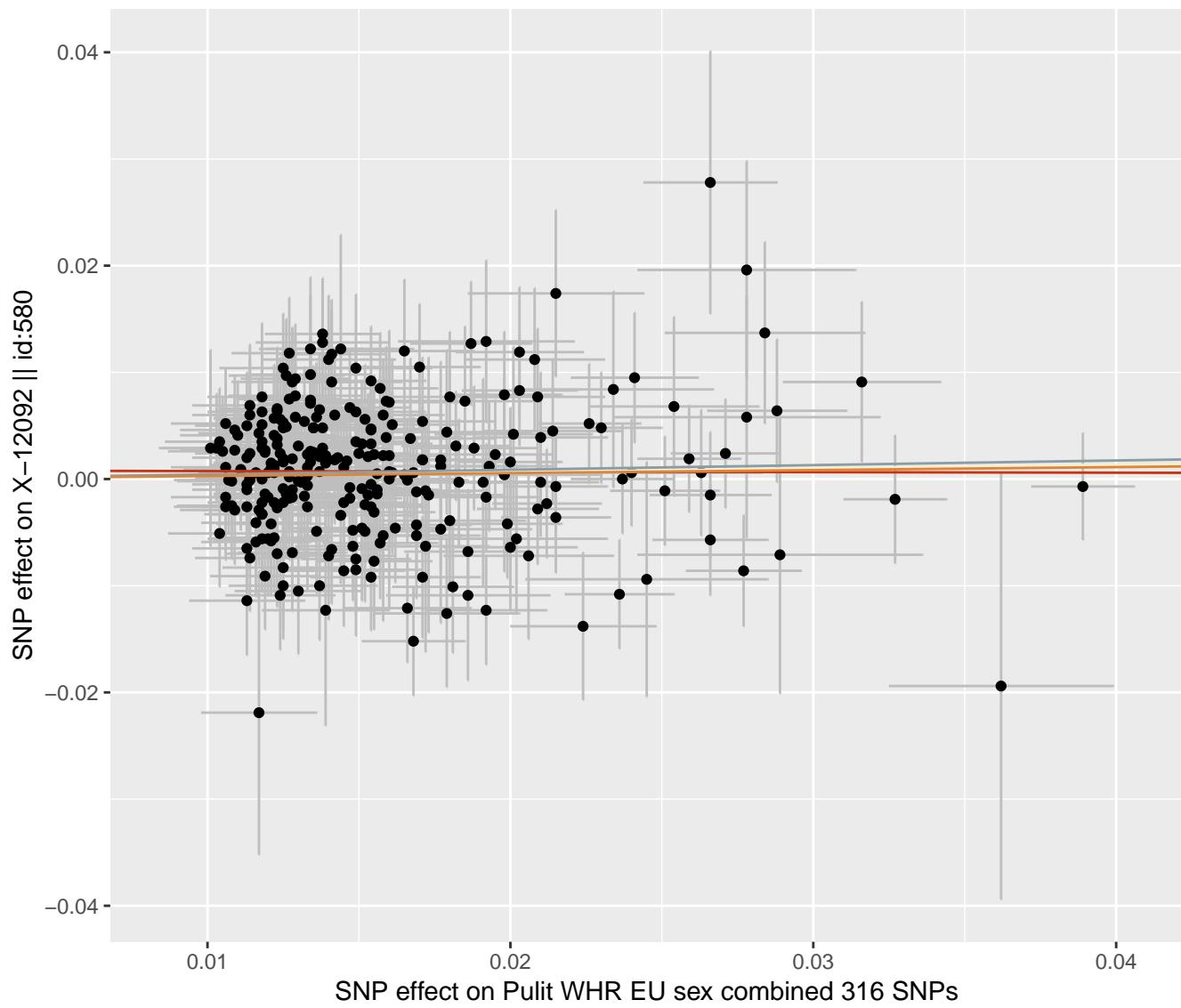
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



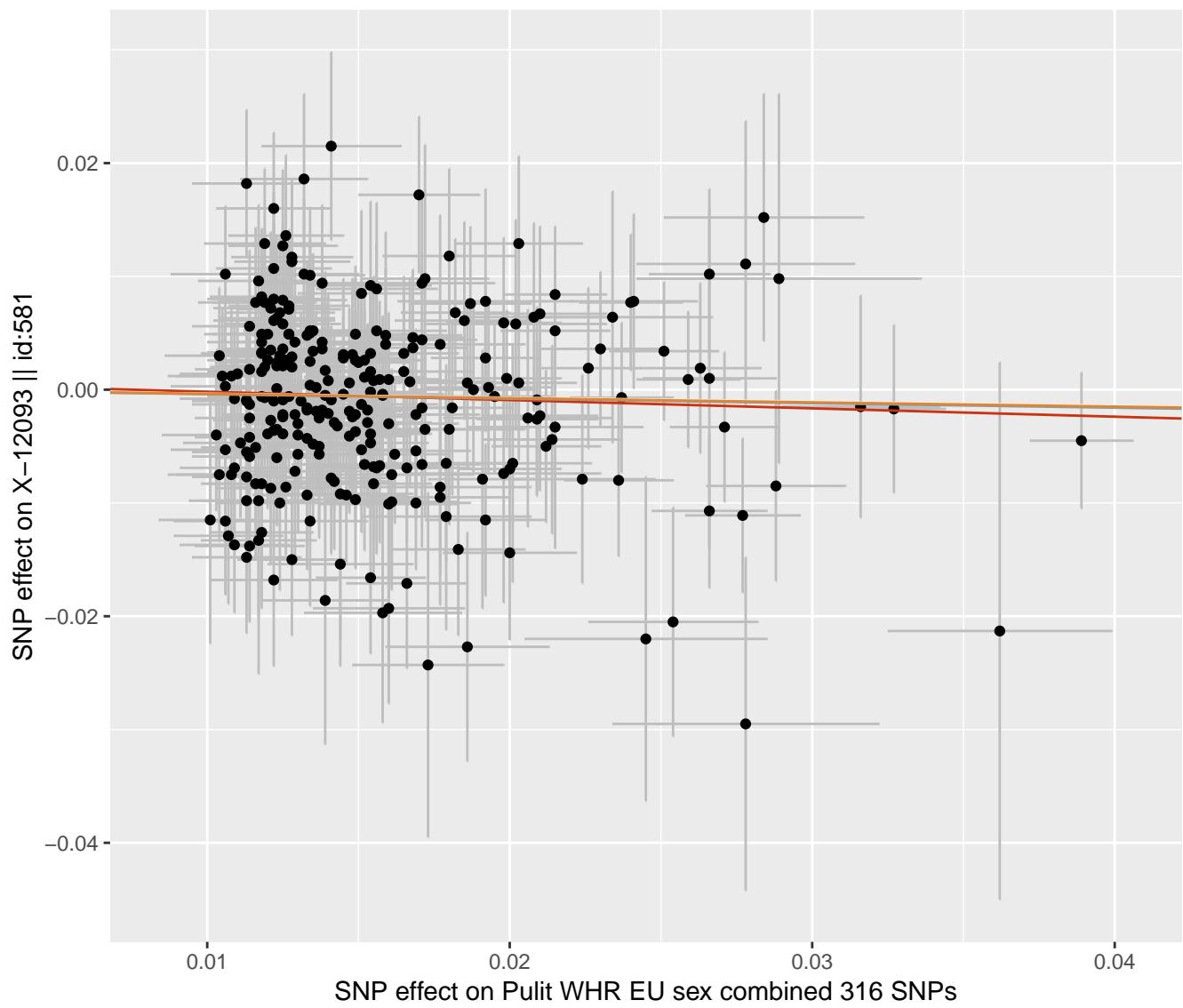
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

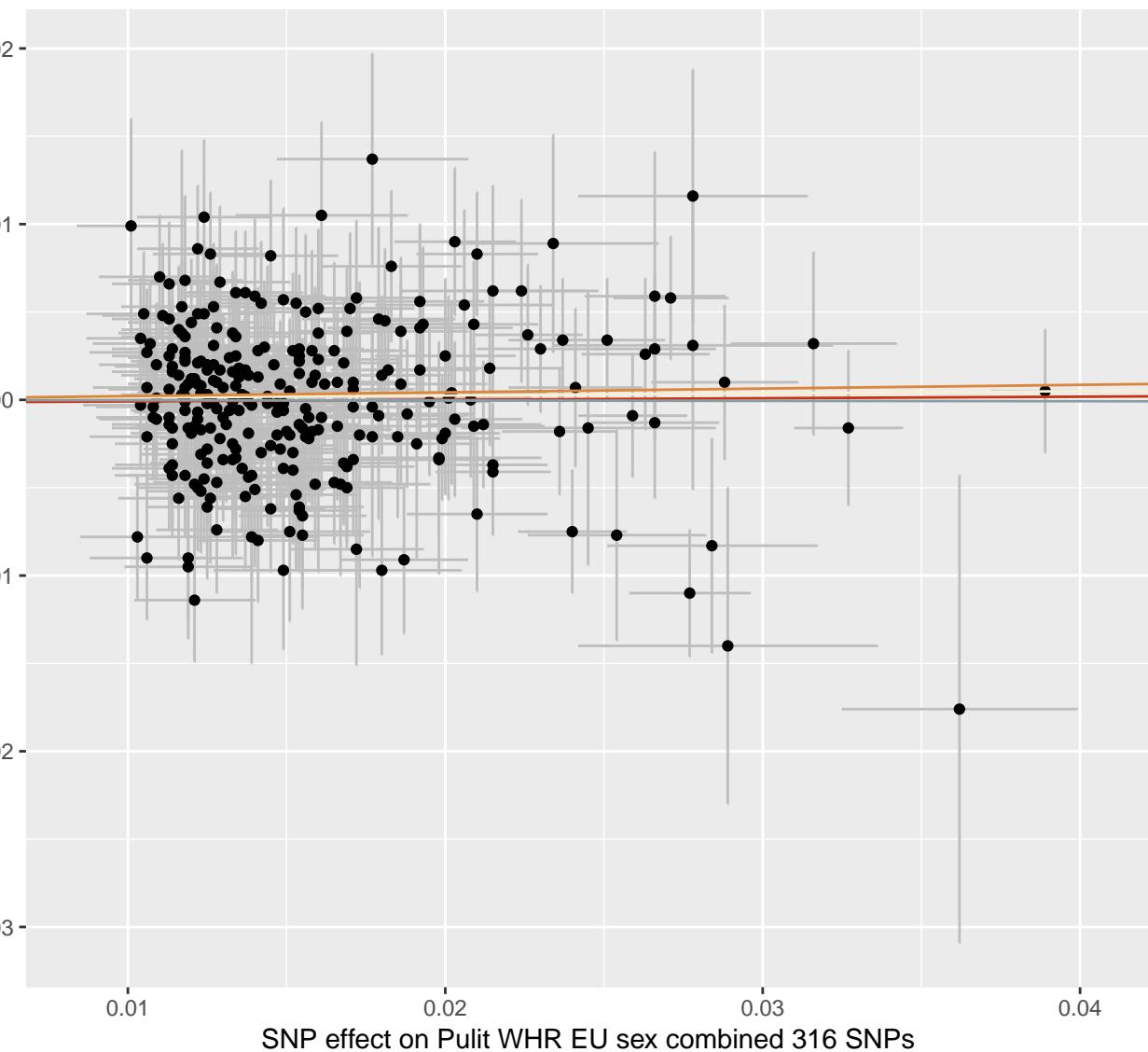


Weighted median



Weighted mode

SNP effect on X-12094 || id:582



MR Test



Inverse variance weighted (multiplicative random effects)



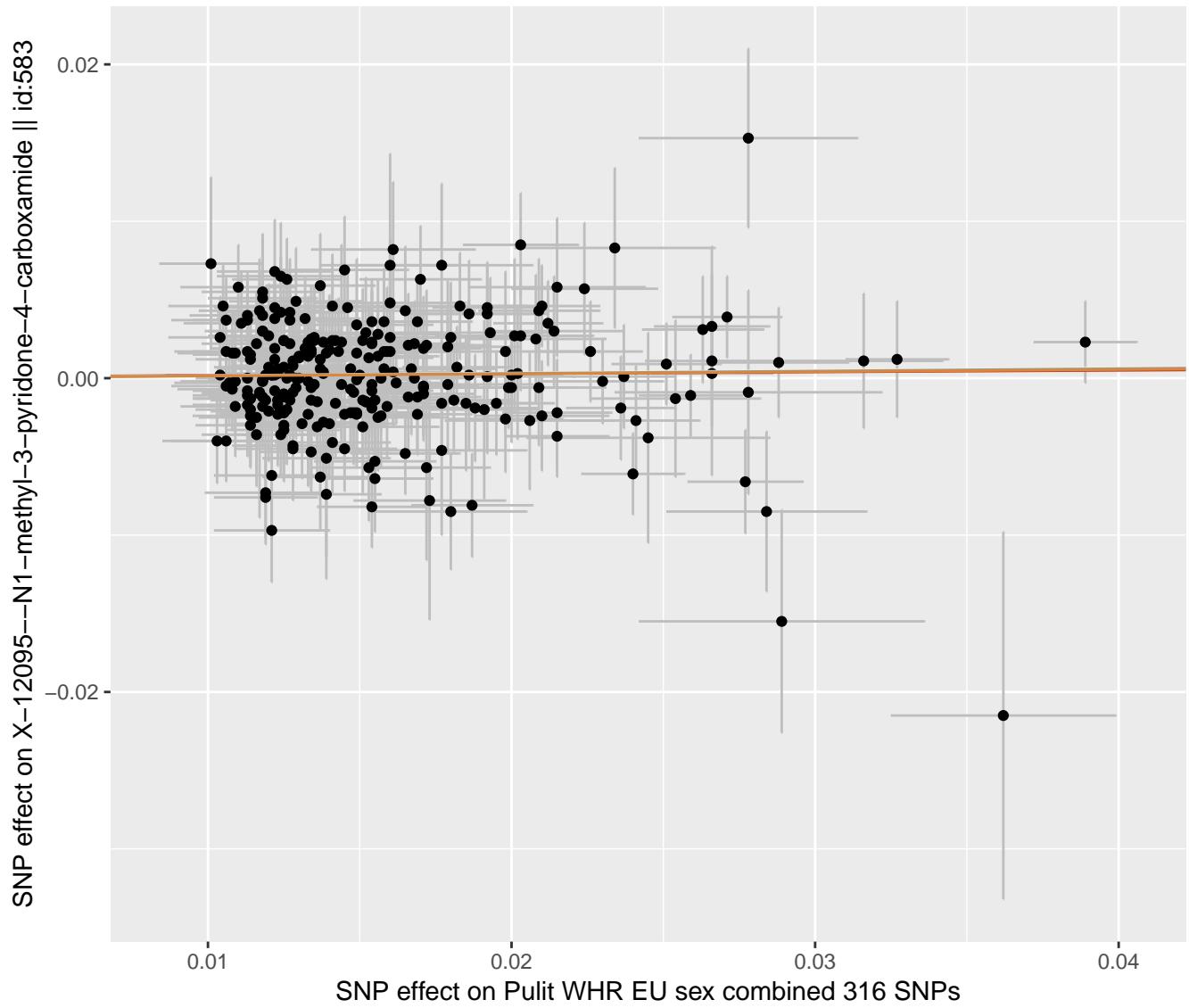
MR Egger



Weighted median

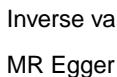


Weighted mode

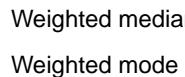


MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode

SNP effect on X-12100--hydroxytryptophan* || id:584

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



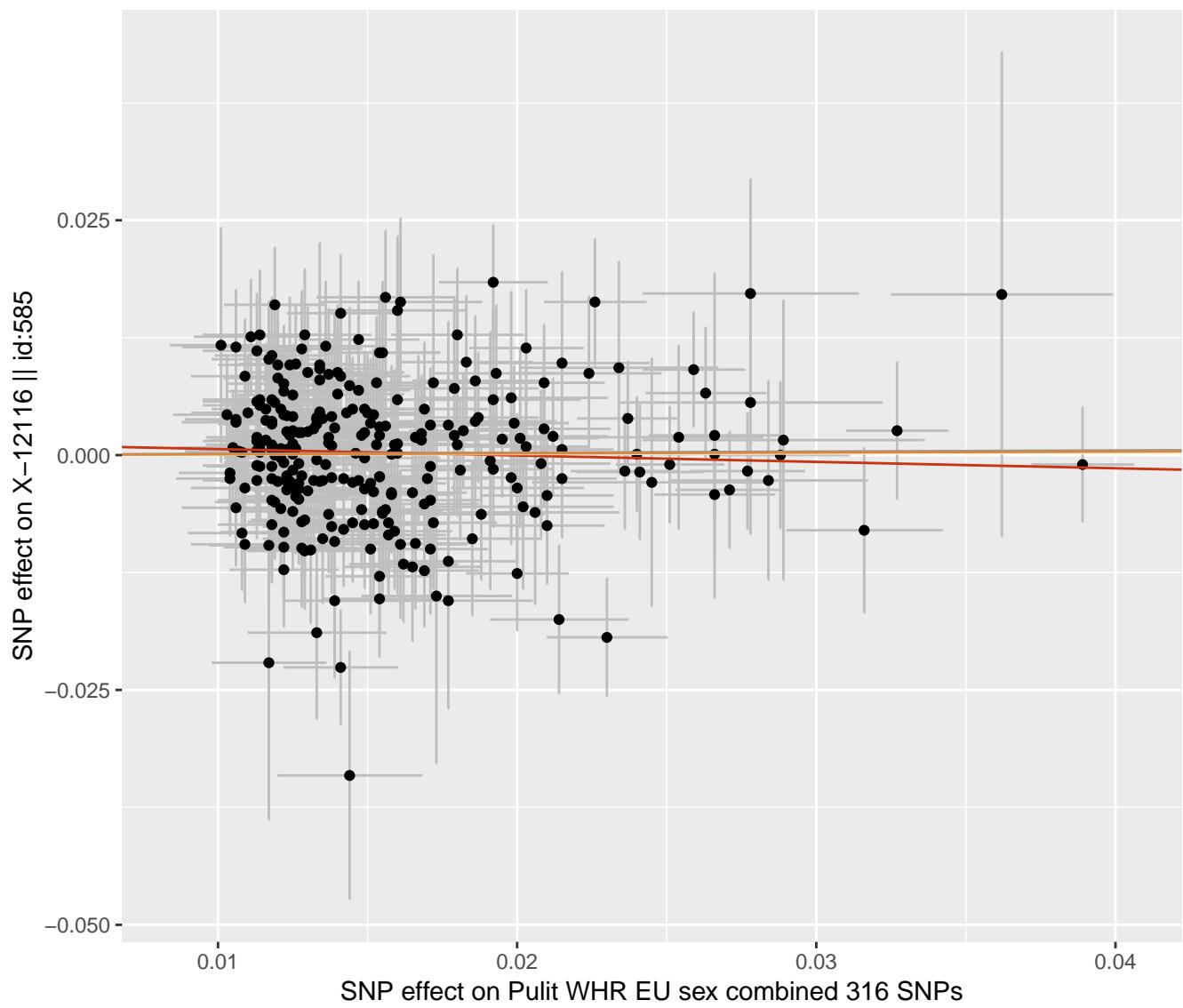
MR Egger



Weighted median



Weighted mode



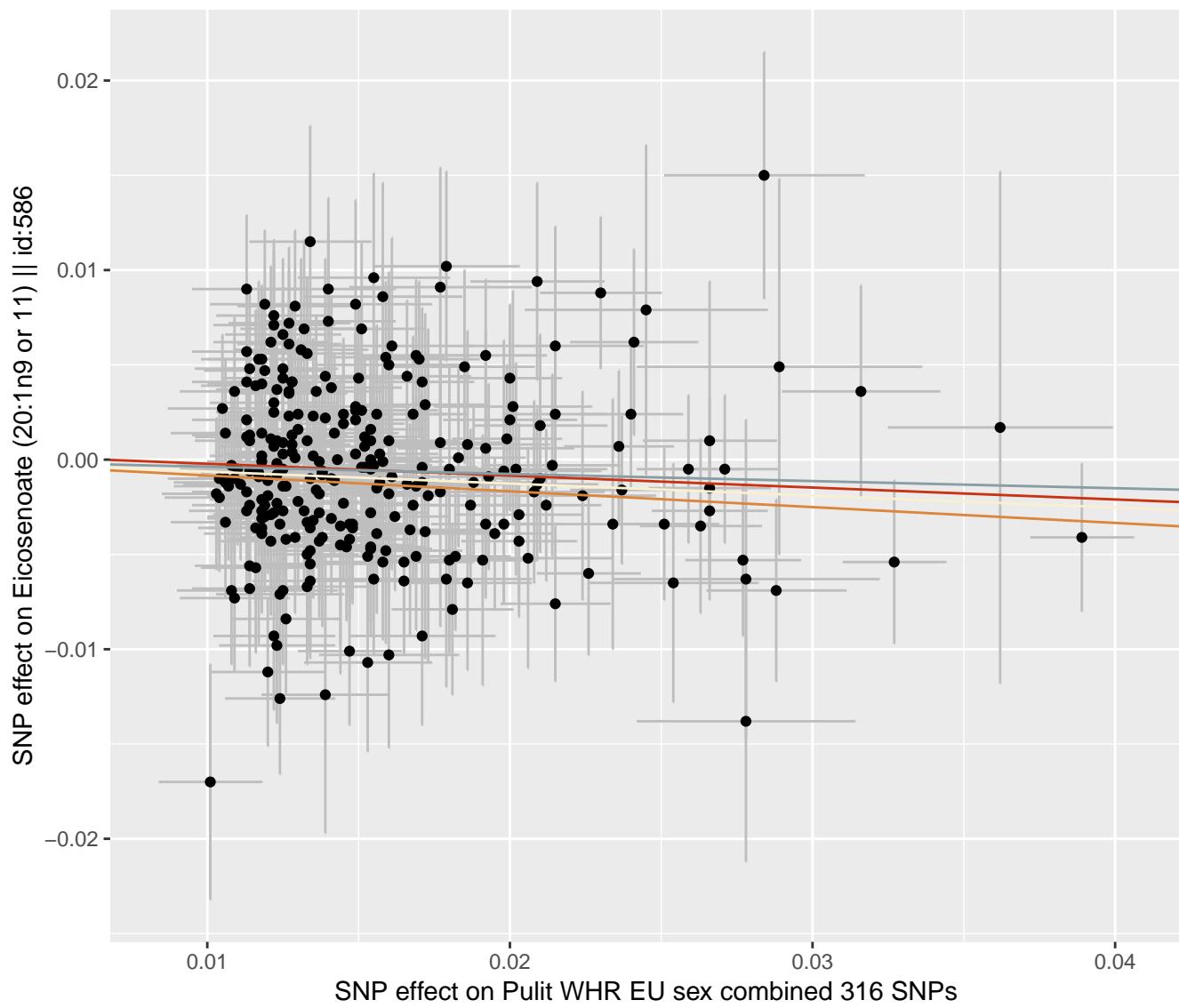
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



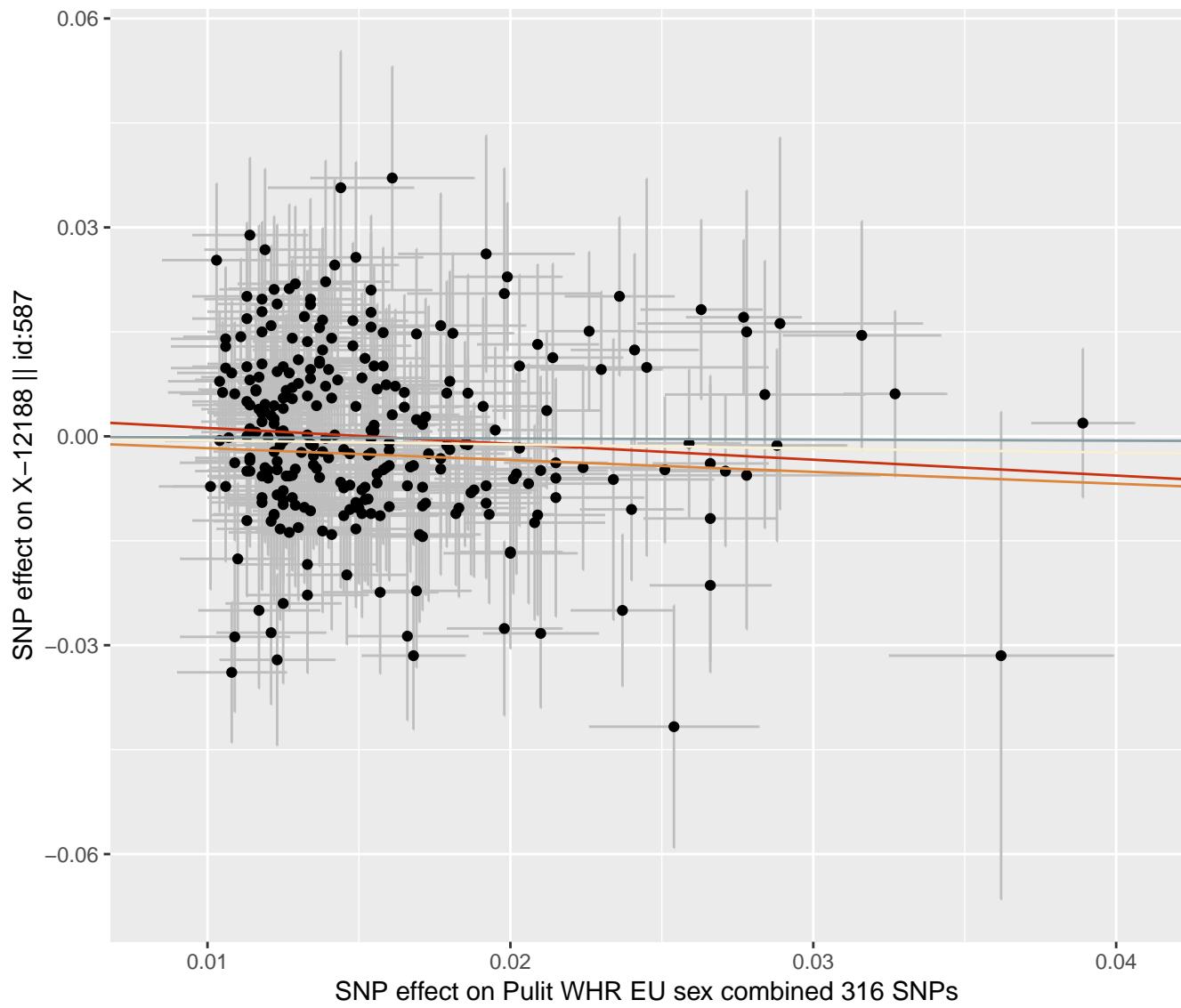
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



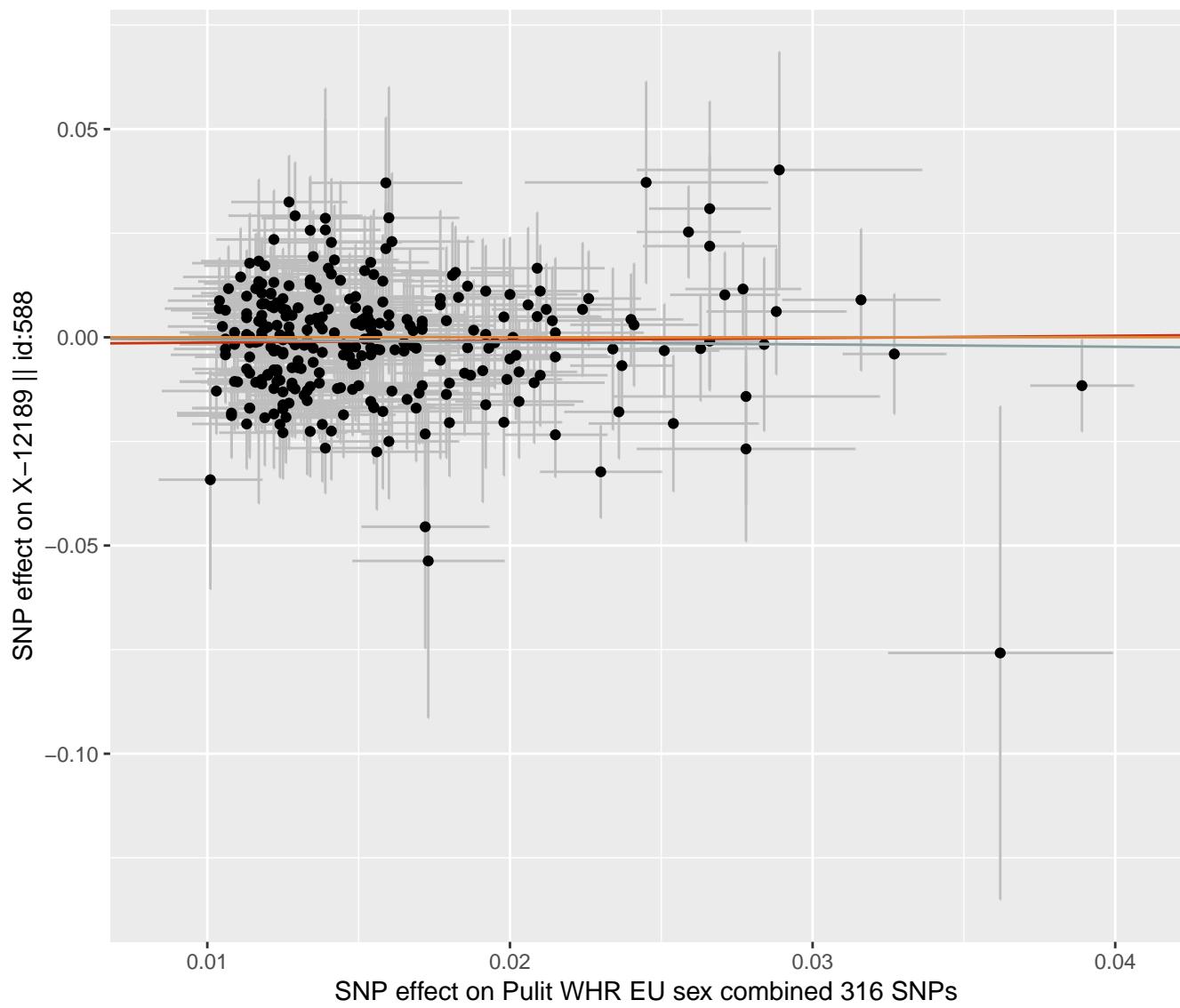
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



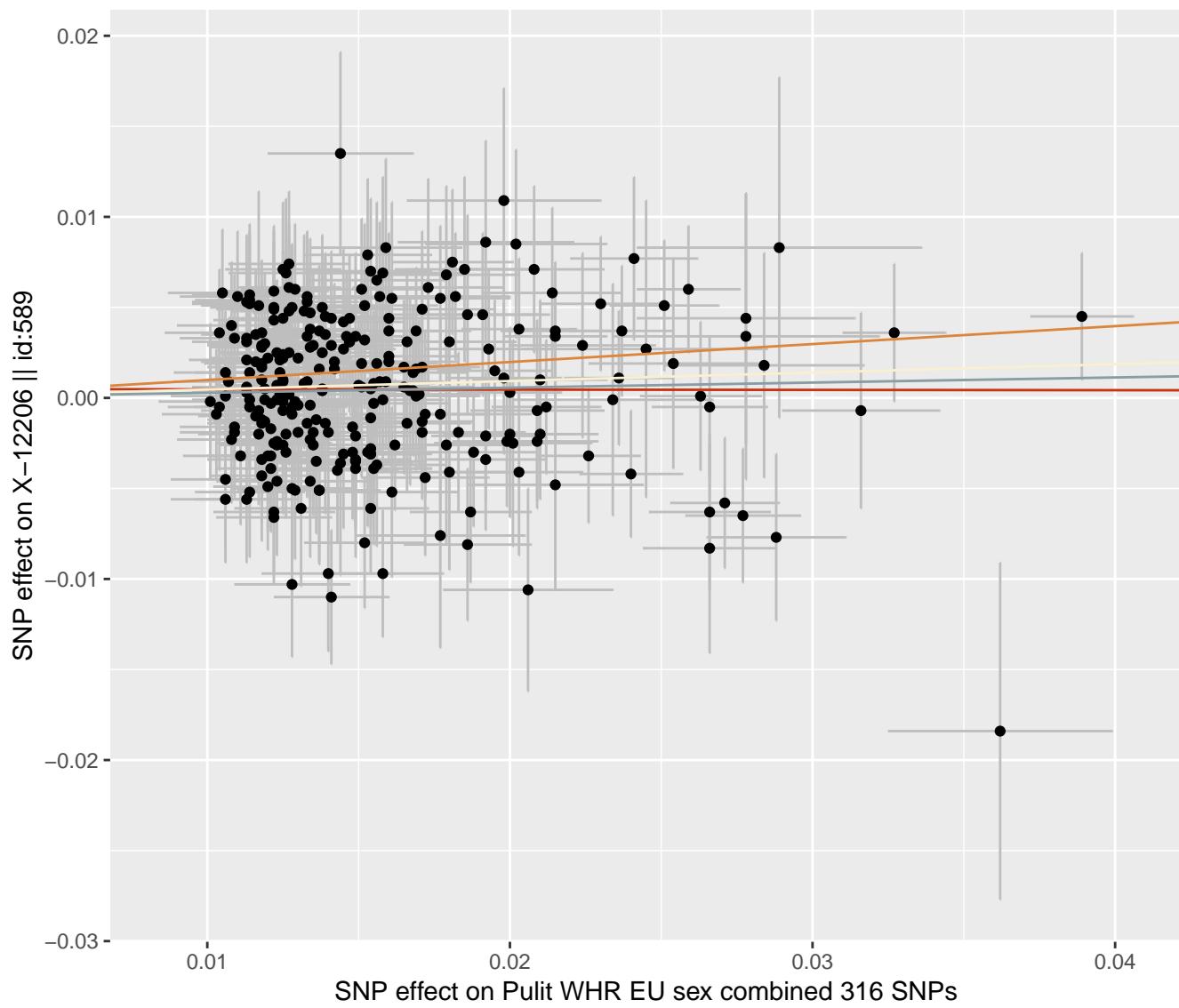
MR Egger



Weighted median

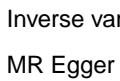


Weighted mode



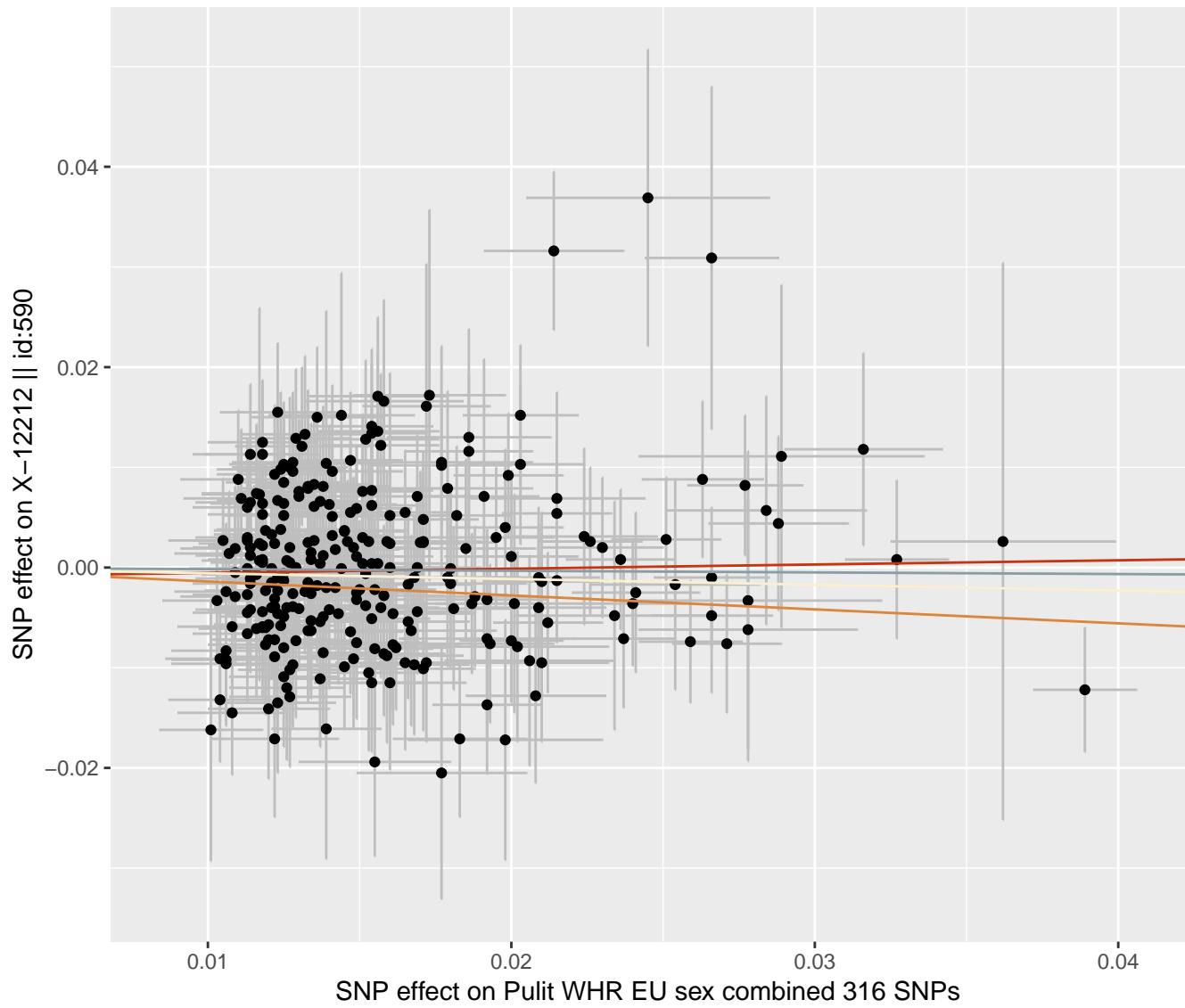
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



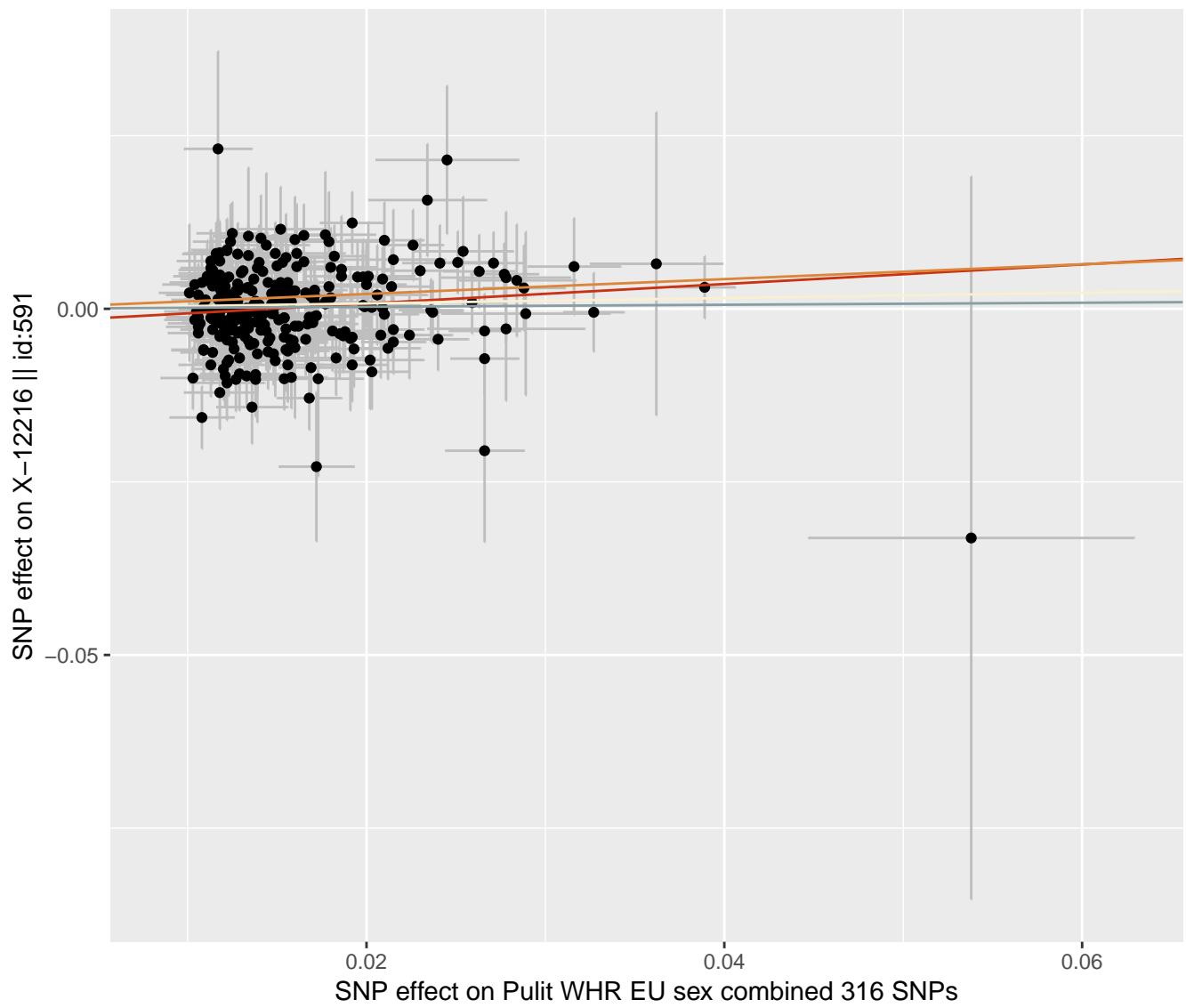
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-12217 || id:592

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

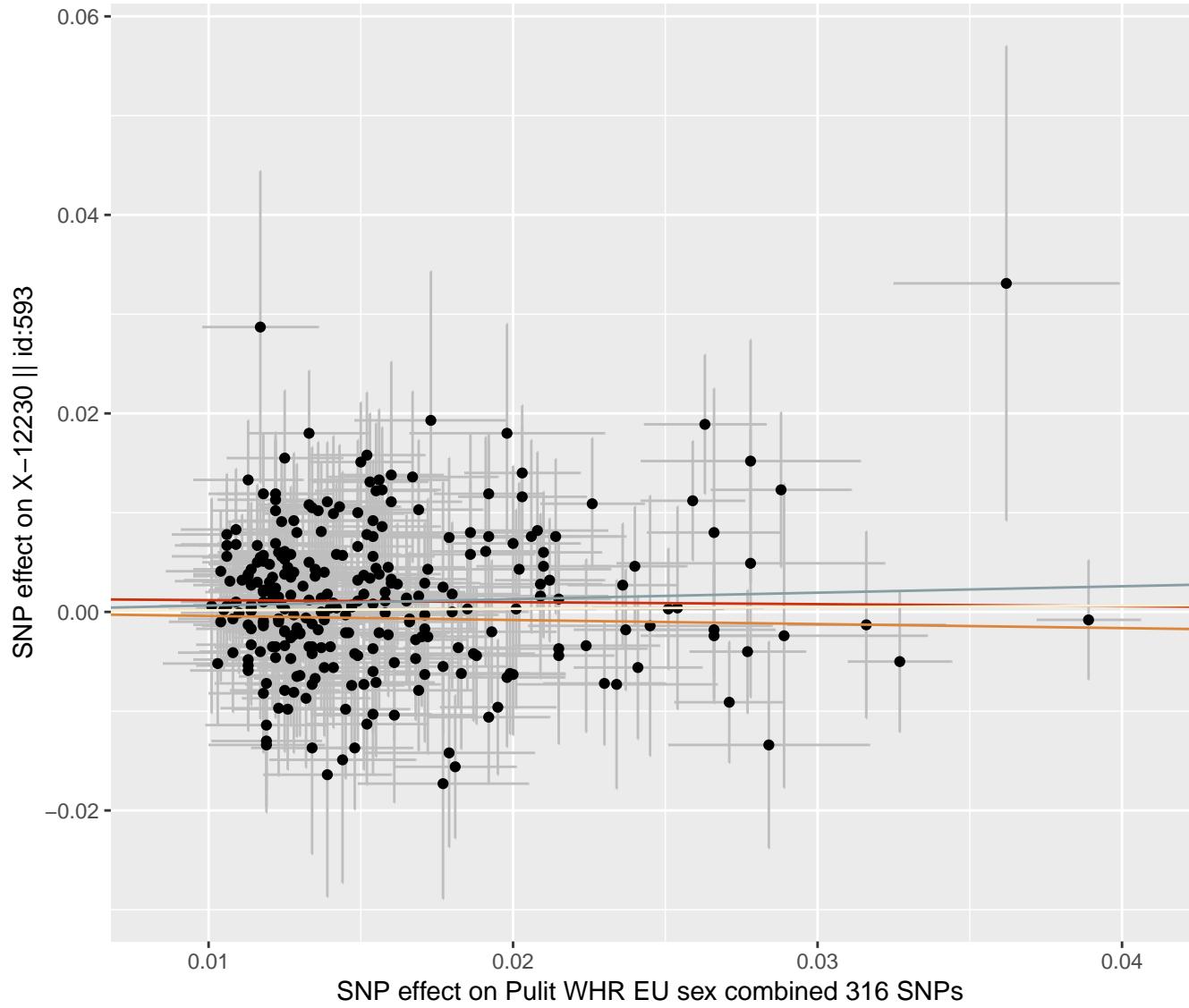
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

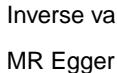
 Weighted median

 Weighted mode



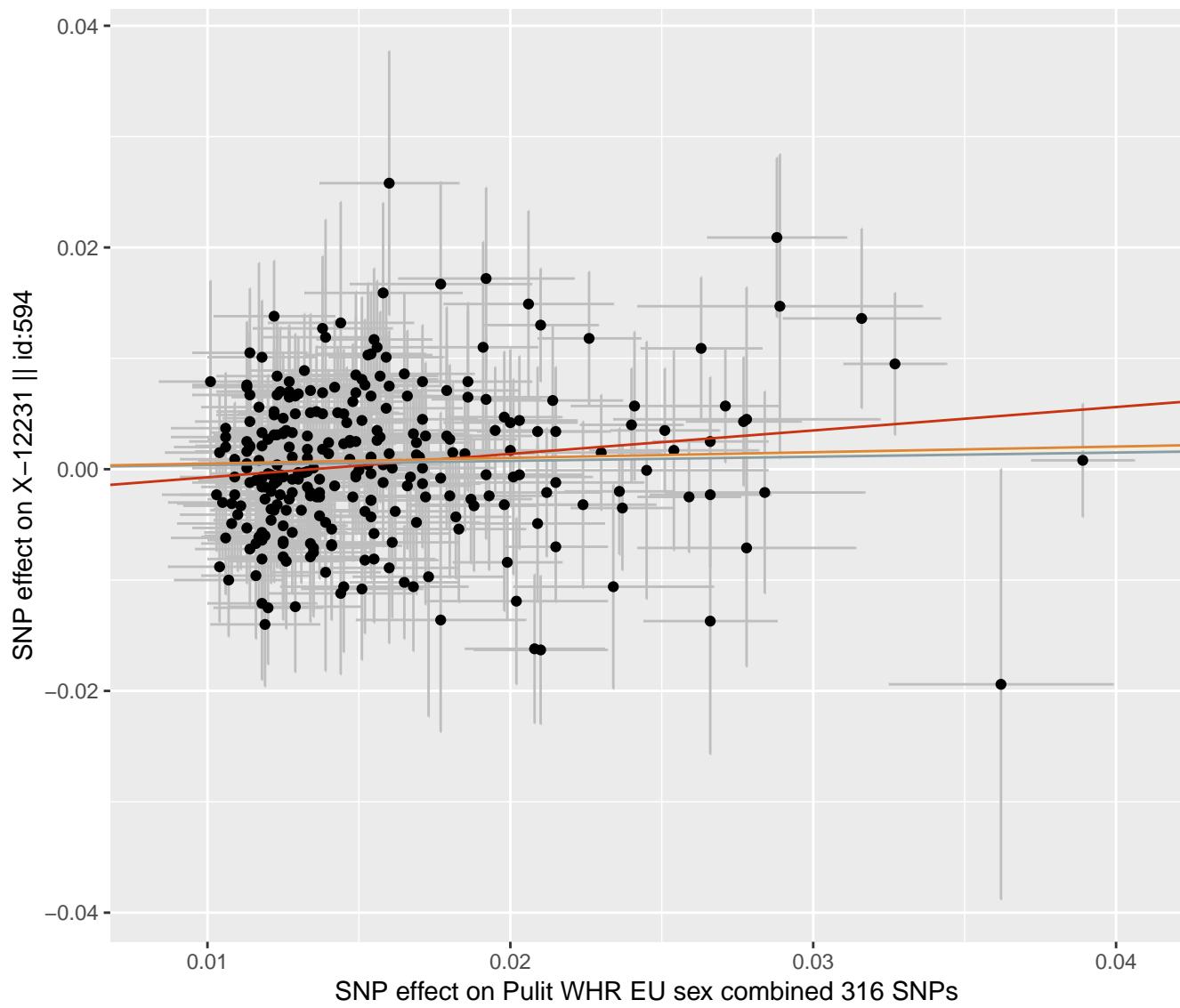
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



Weighted median

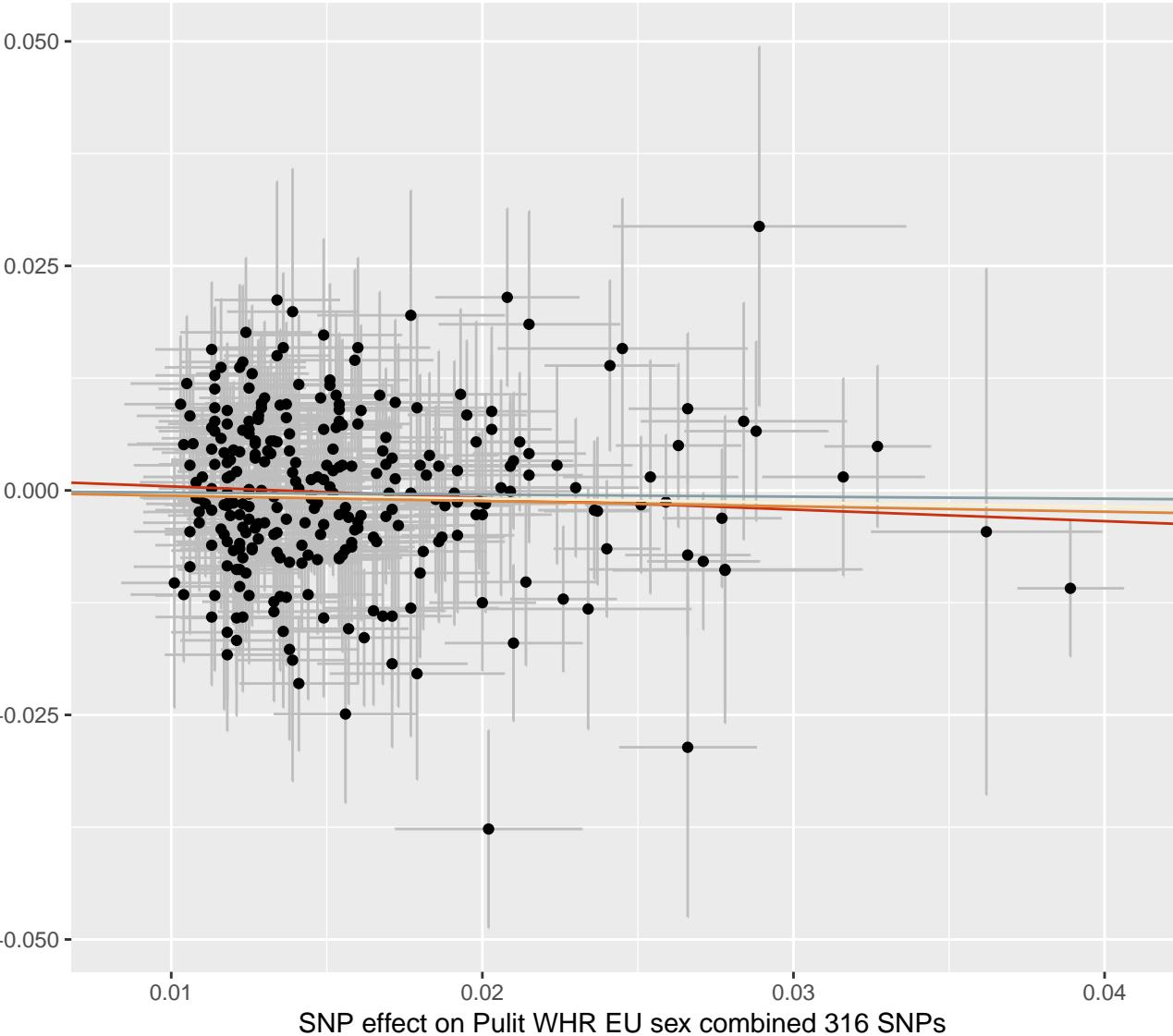


MR Egger



Weighted mode

SNP effect on X-12236 || id:595



SNP effect on Pullet WHR EU sex combined 316 SNPs

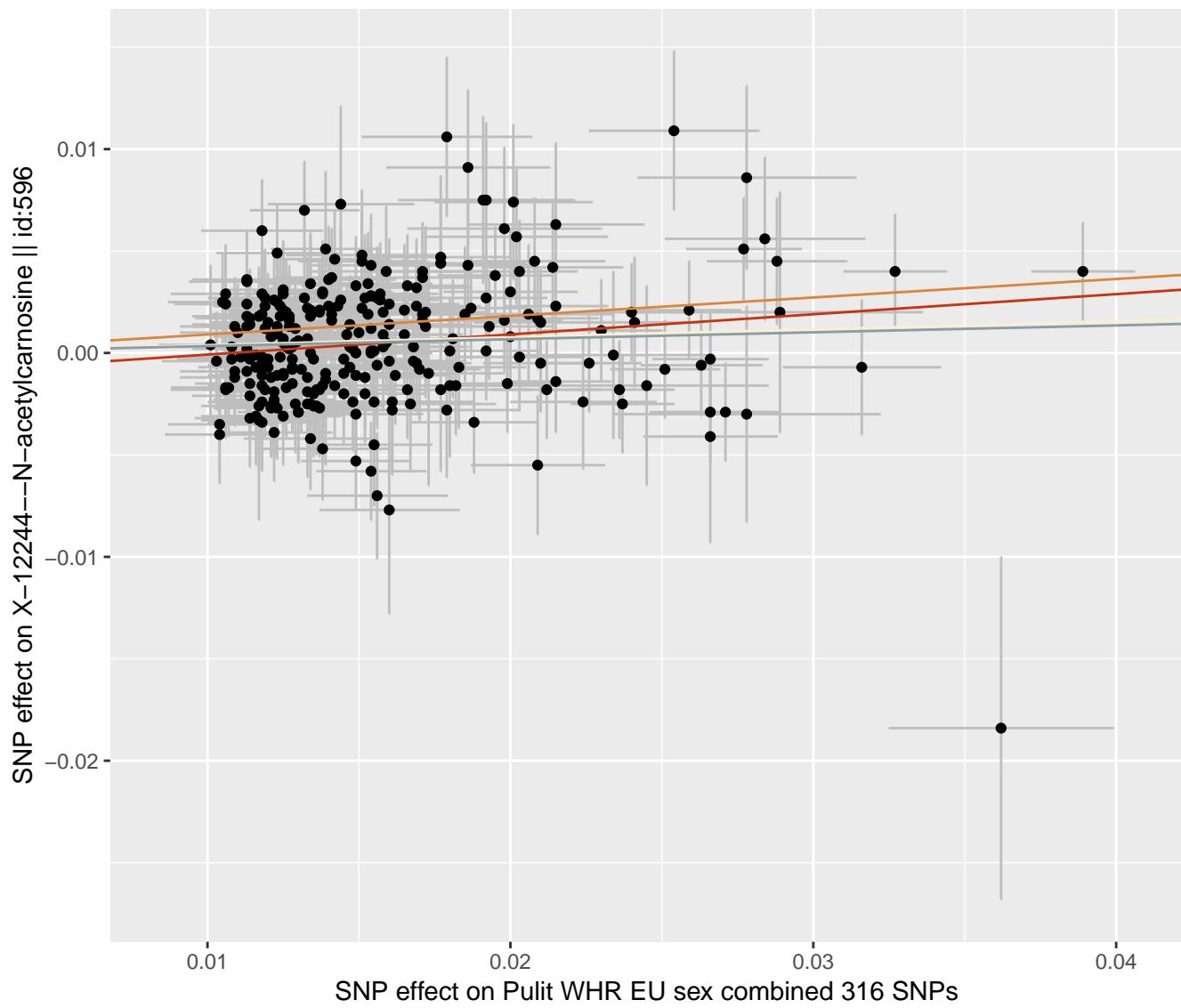
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



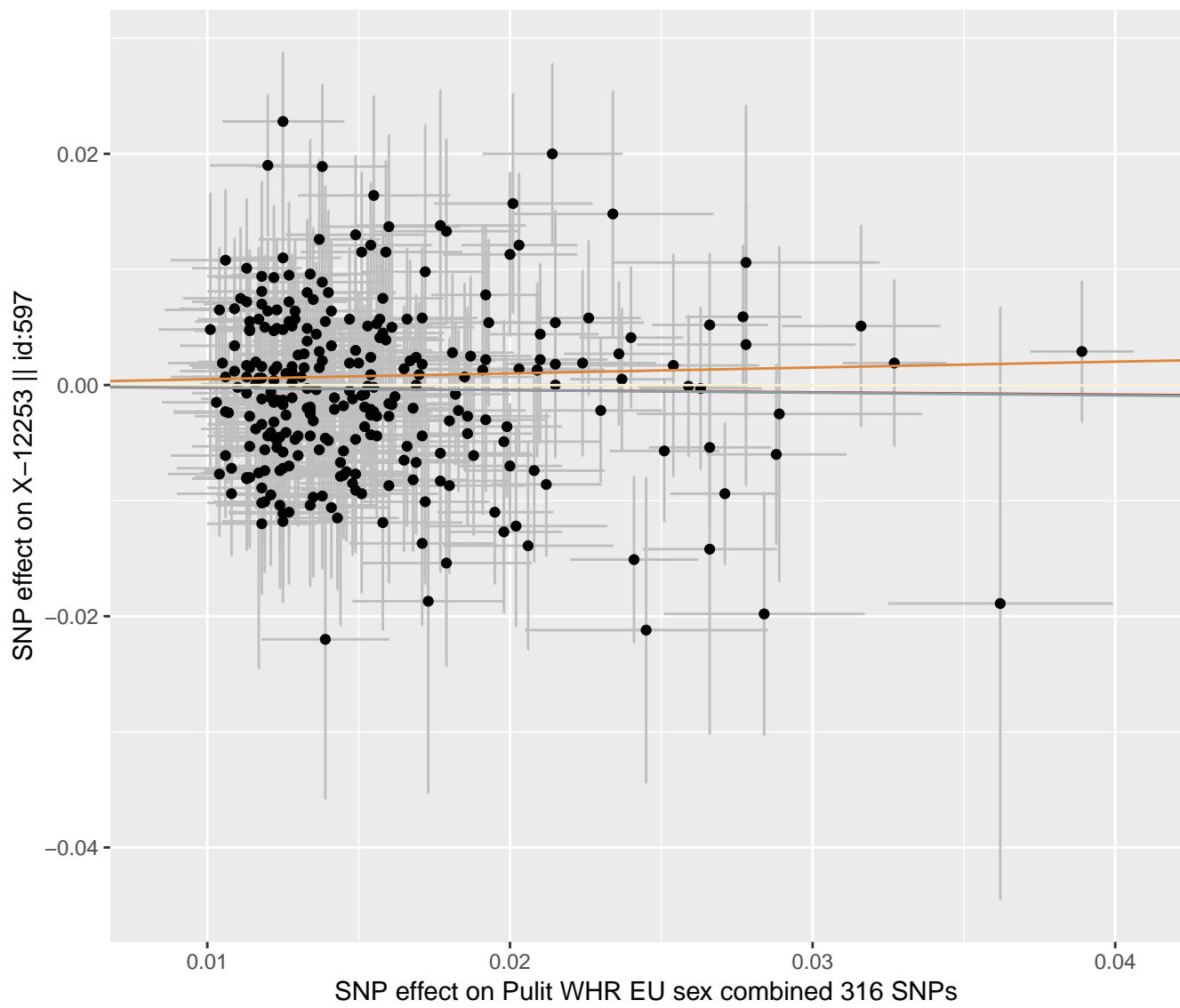
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

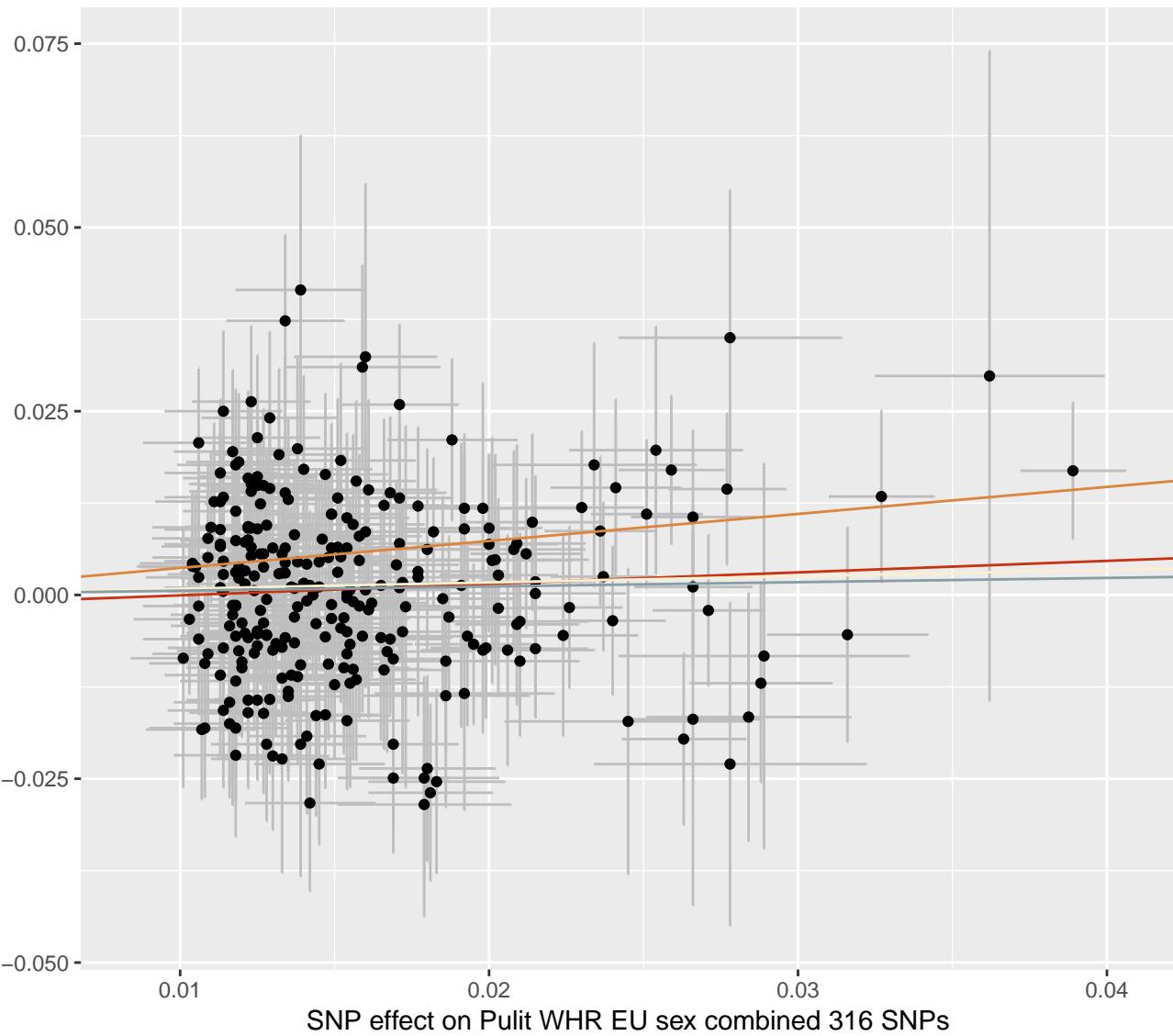


Weighted median



Weighted mode

SNP effect on X-12261 || id:598



MR Test



Inverse variance weighted (multiplicative random effects)



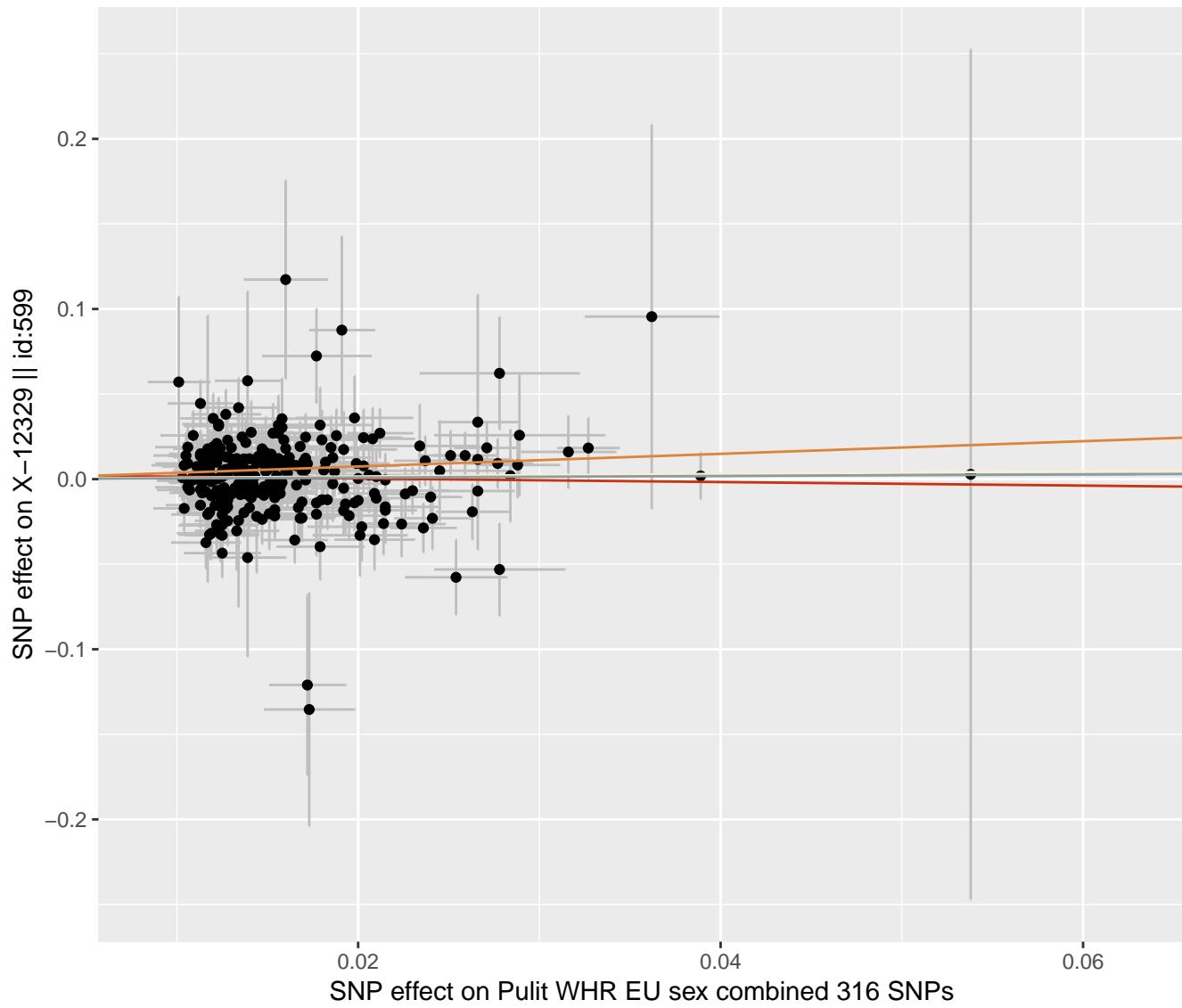
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



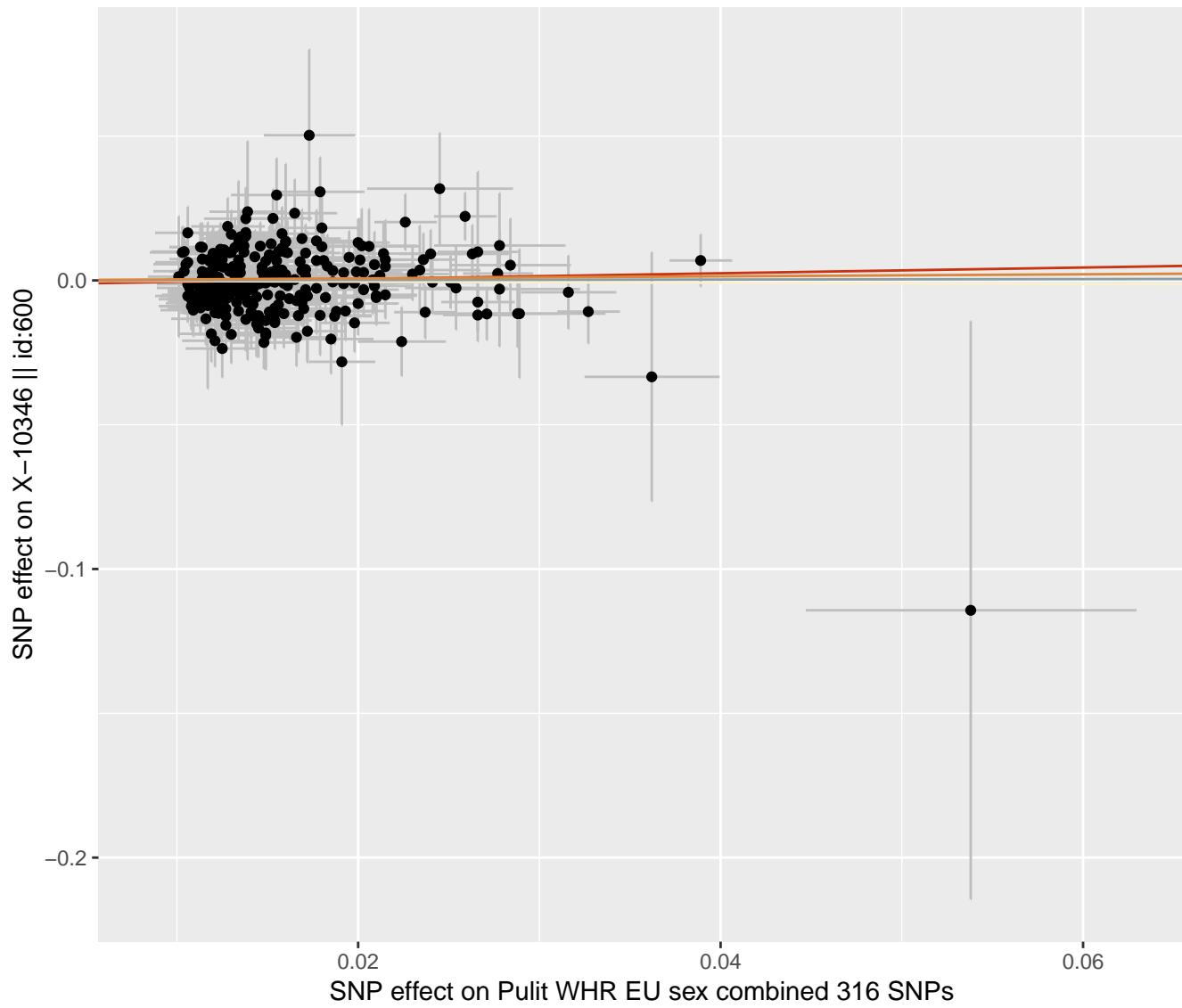
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



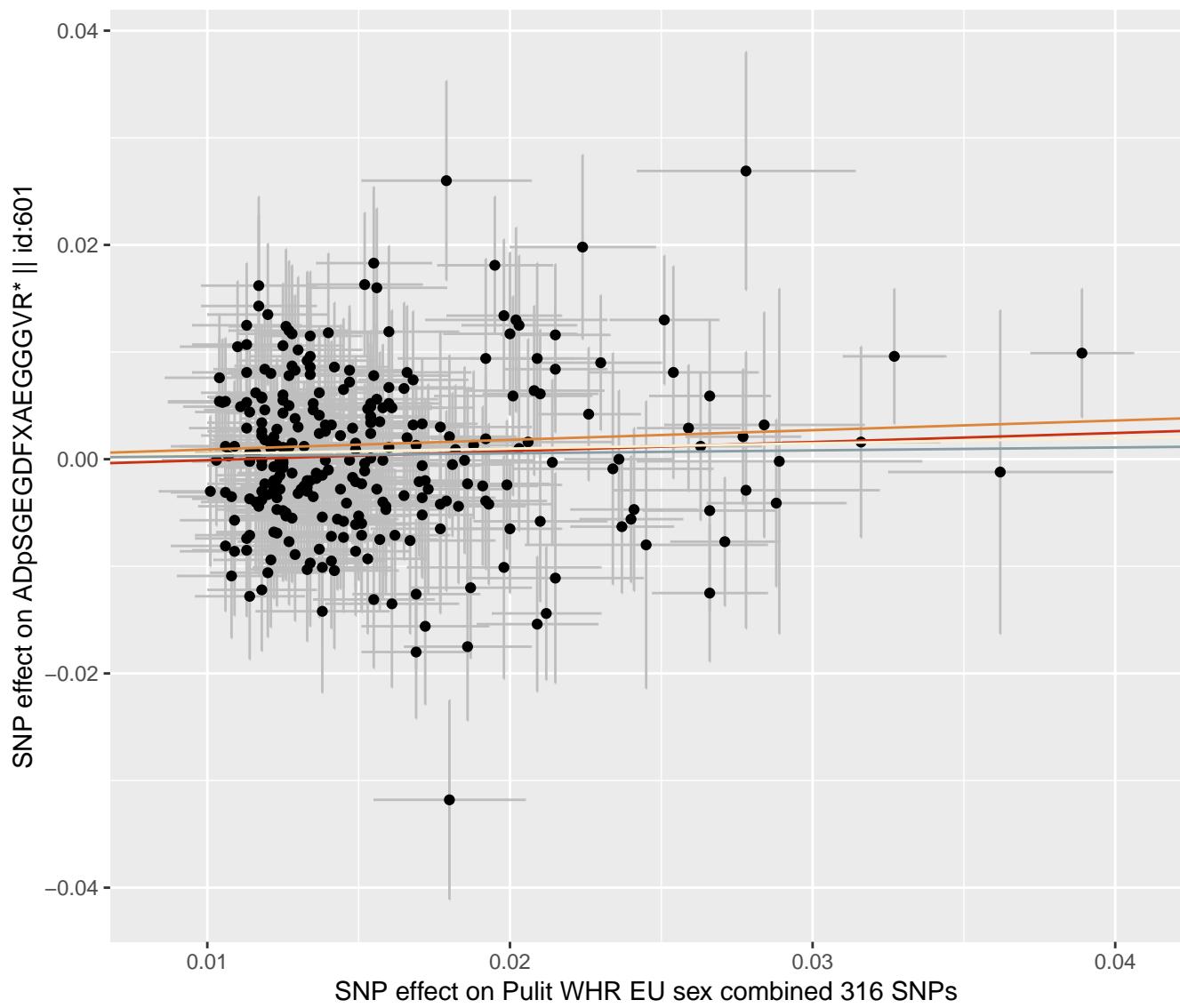
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



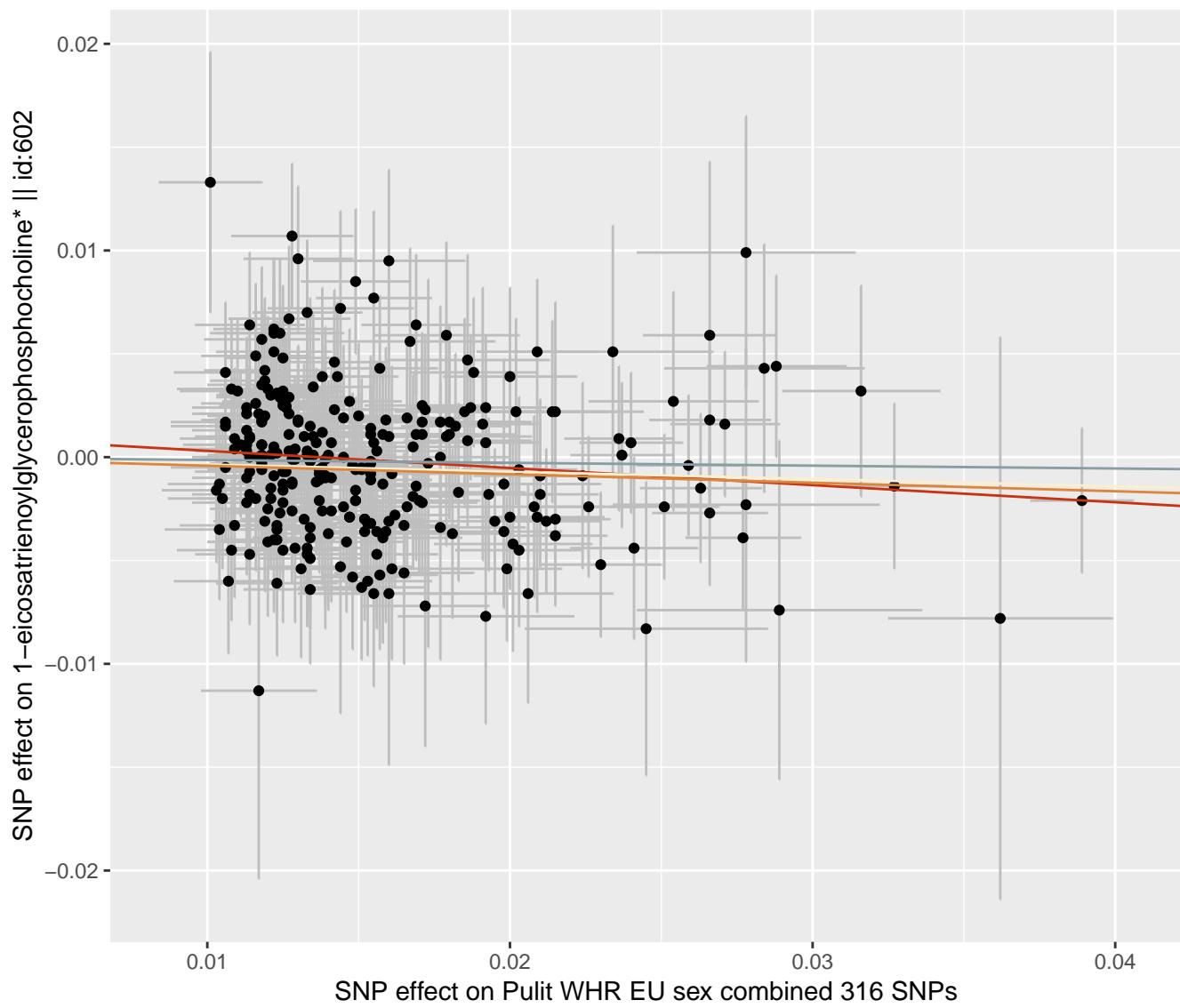
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



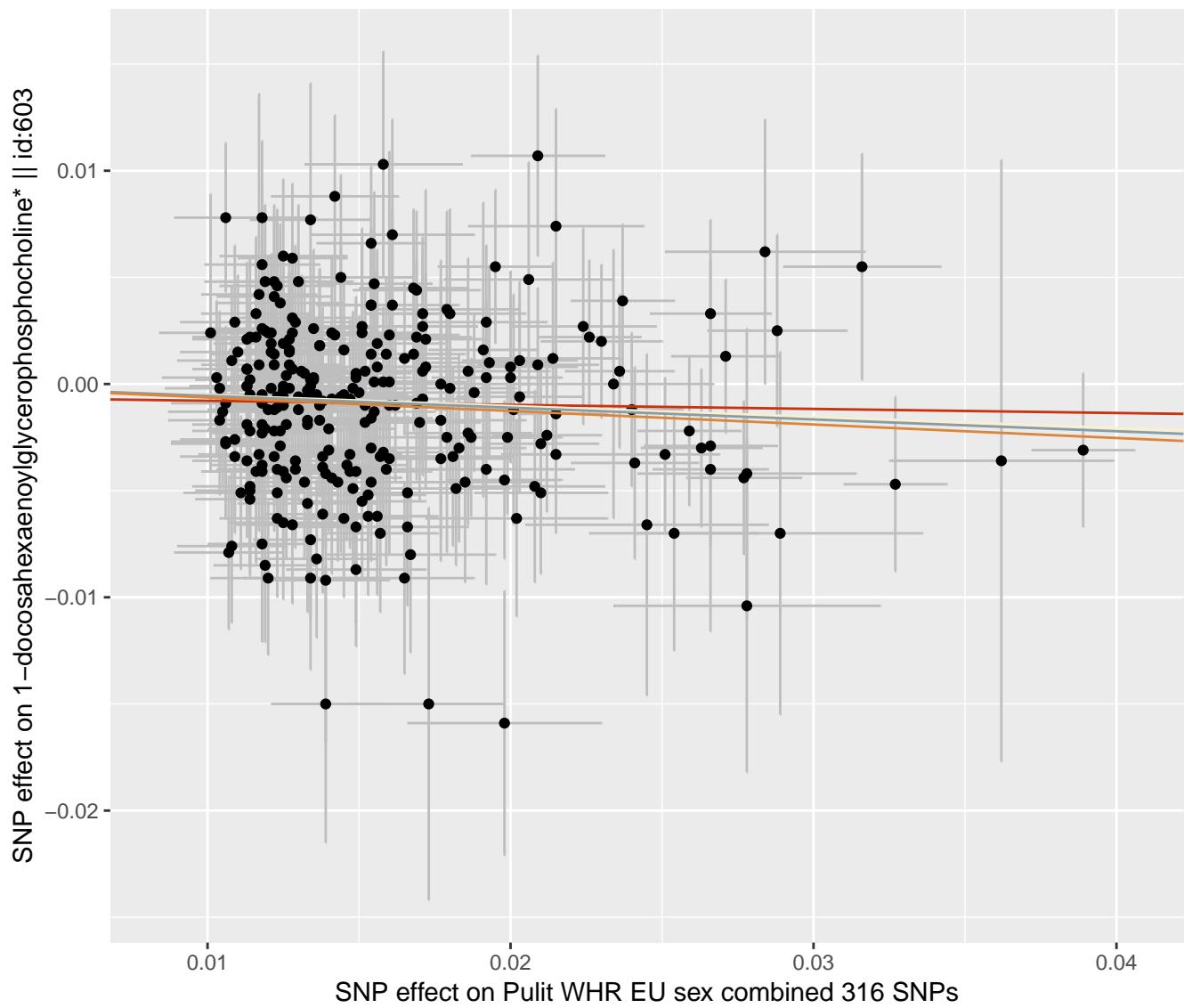
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



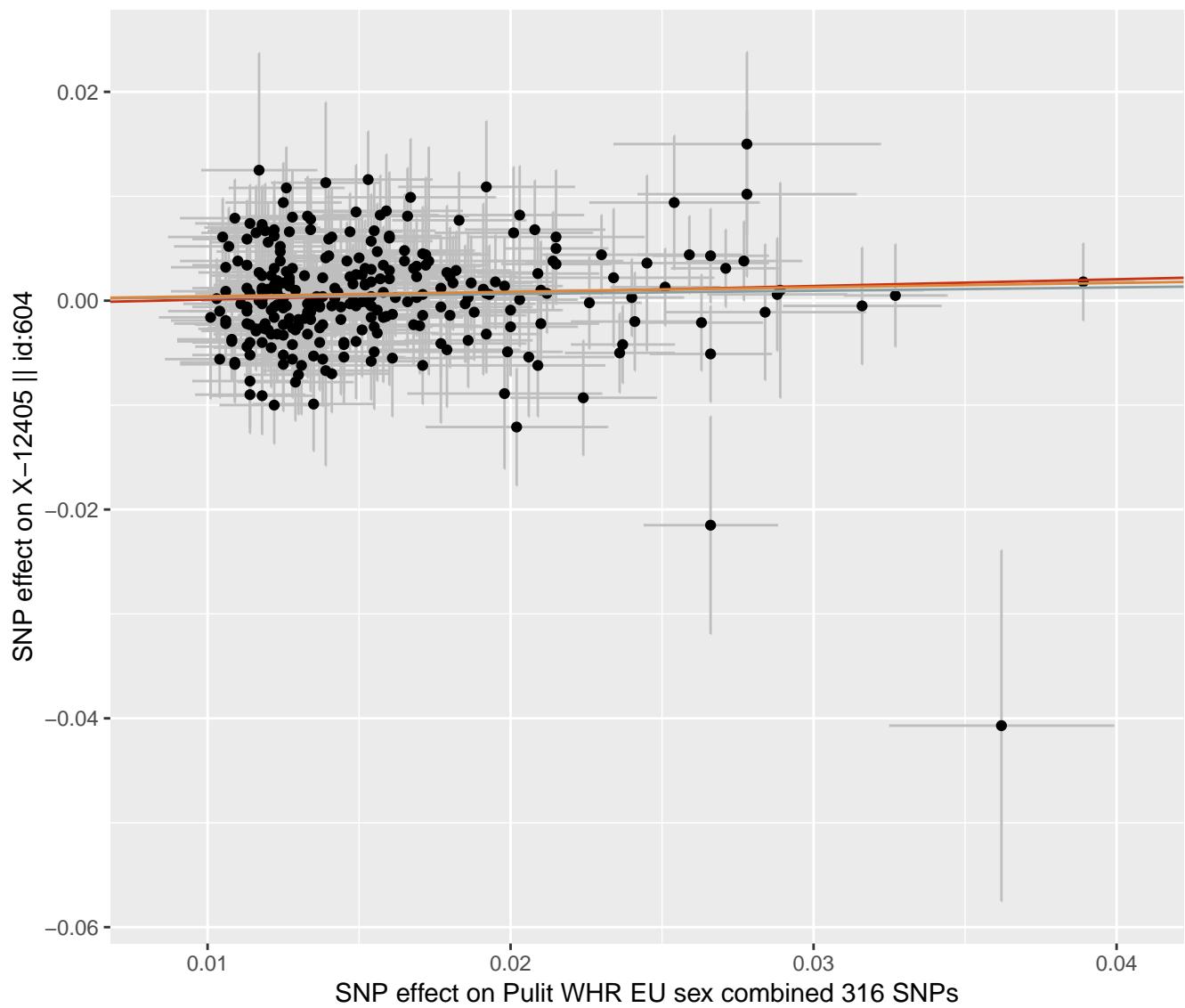
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



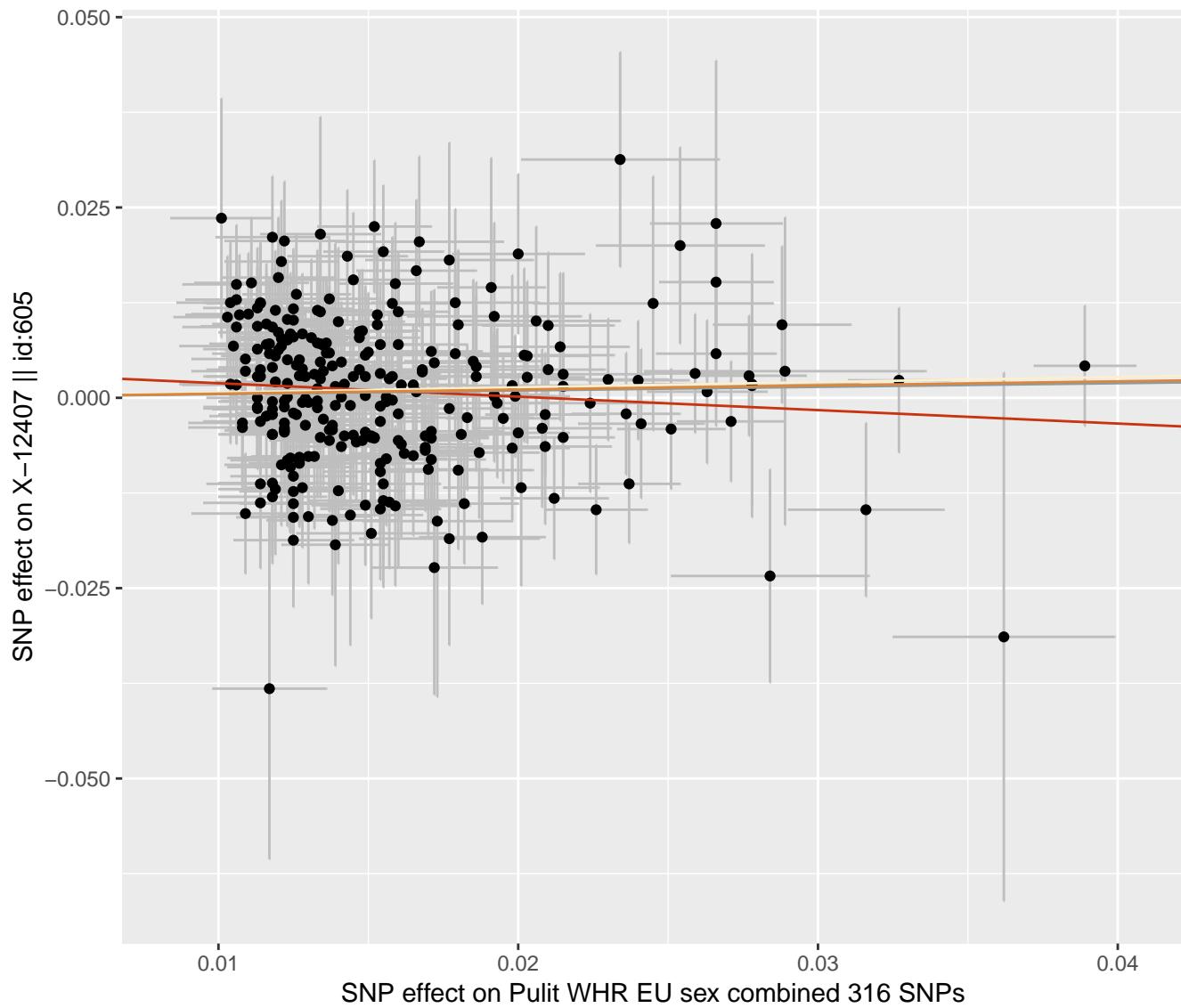
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



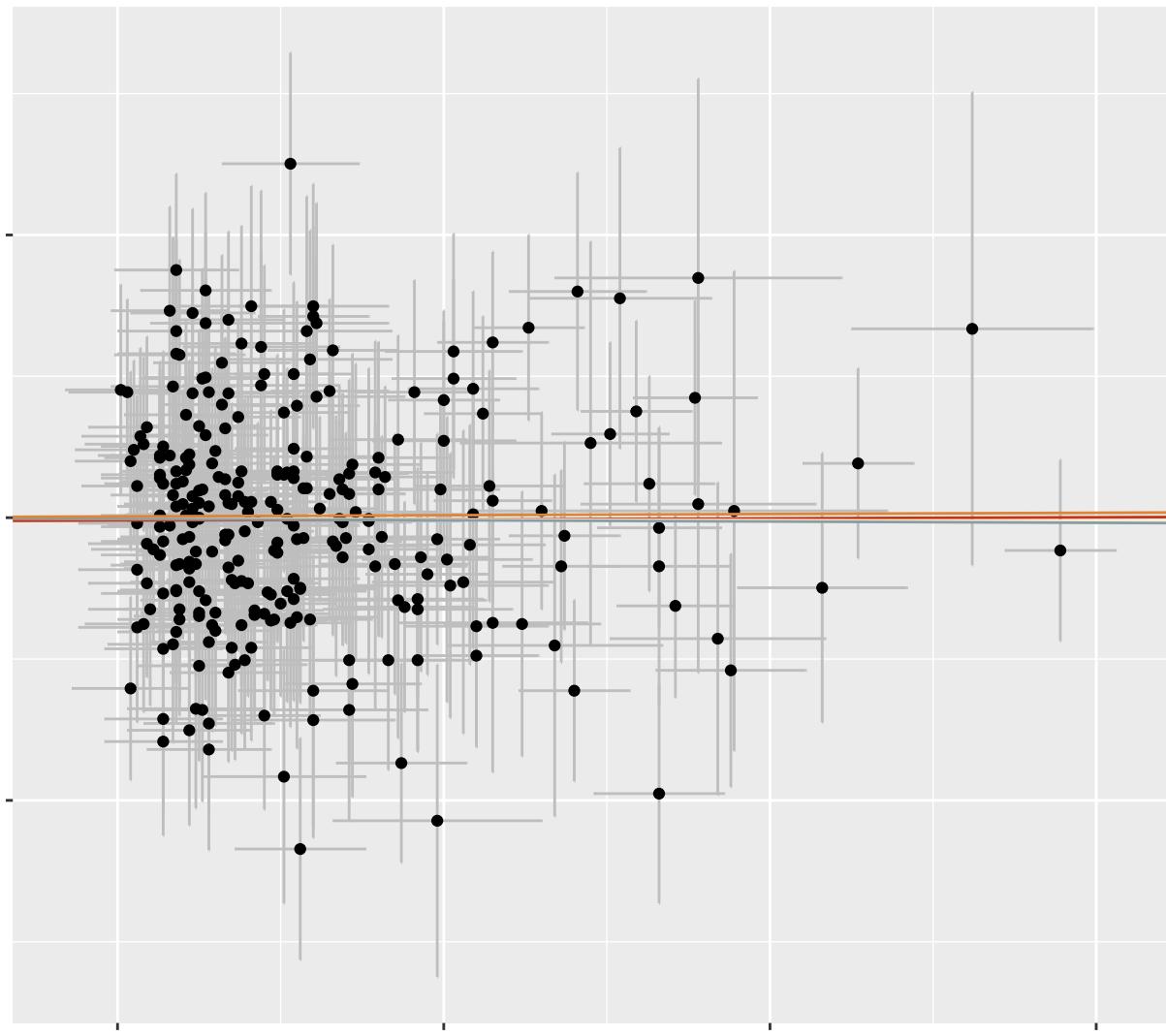
Weighted median



Weighted mode

SNP effect on X-12428 || id:606

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

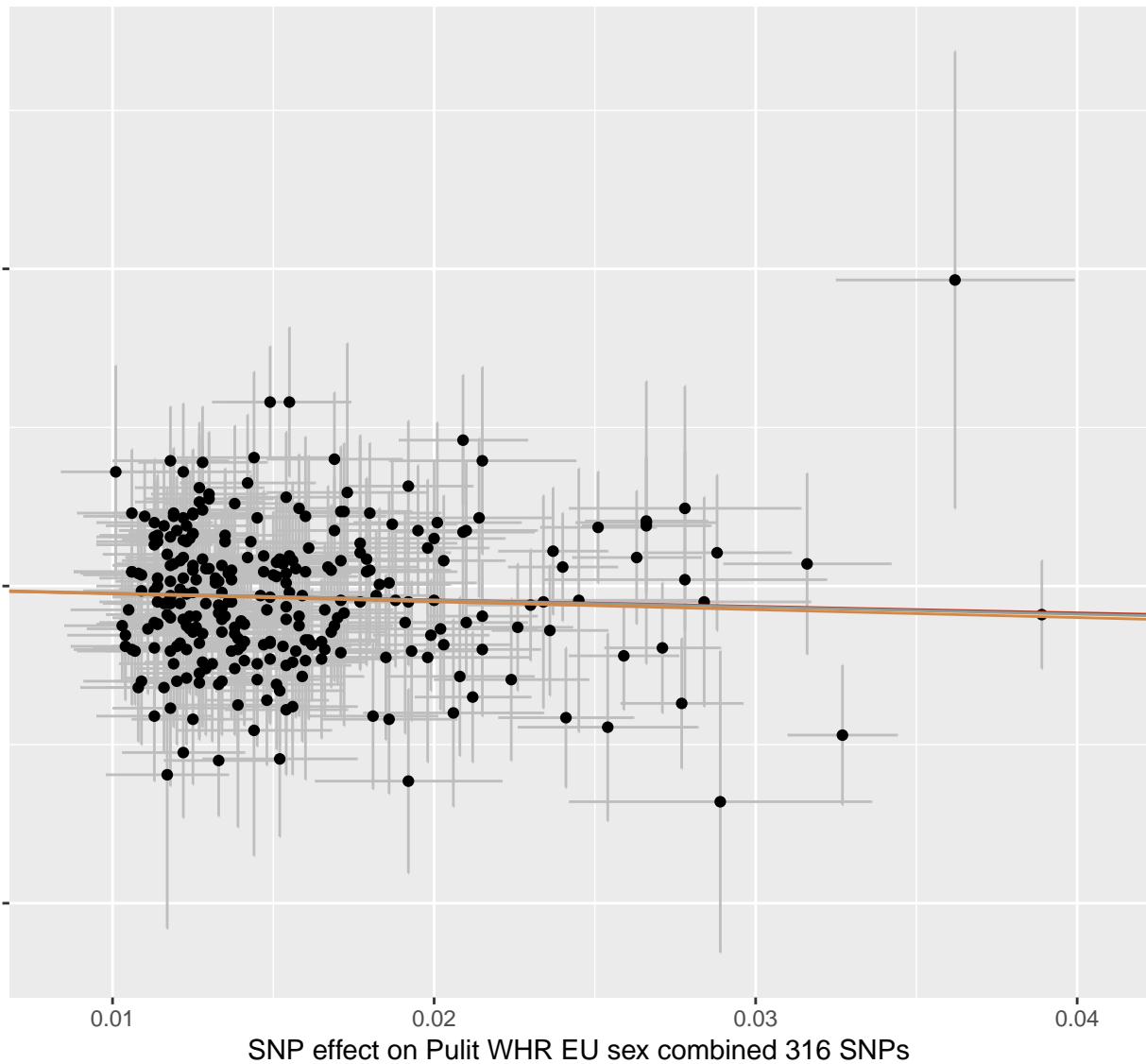


Weighted median



Weighted mode

SNP effect on 1-eicosadienoylglycerophosphocholine* || id:607



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

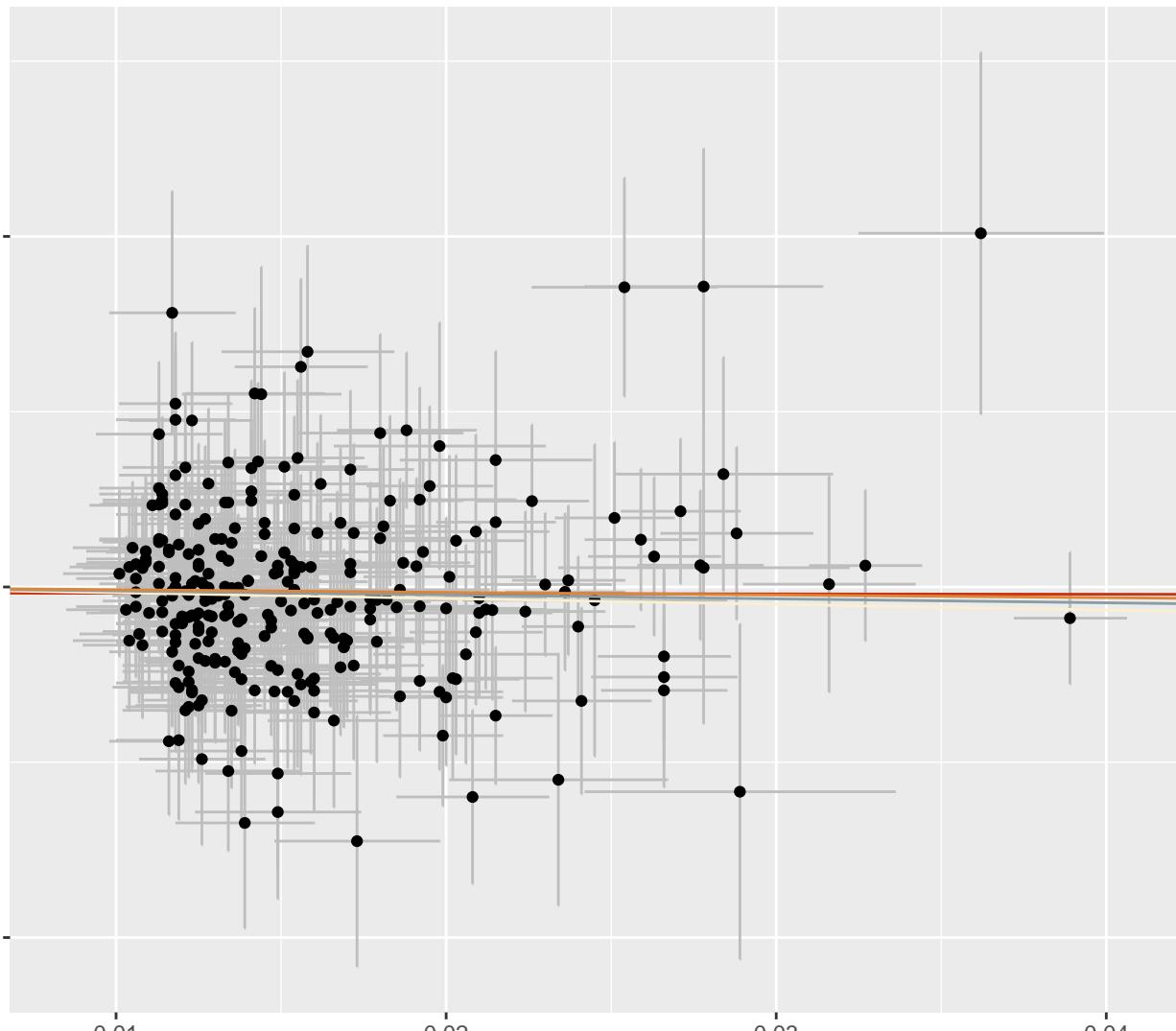


Weighted median



Weighted mode

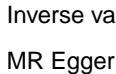
SNP effect on X-12435 || id:608



SNP effect on Pullet WHR EU sex combined 316 SNPs

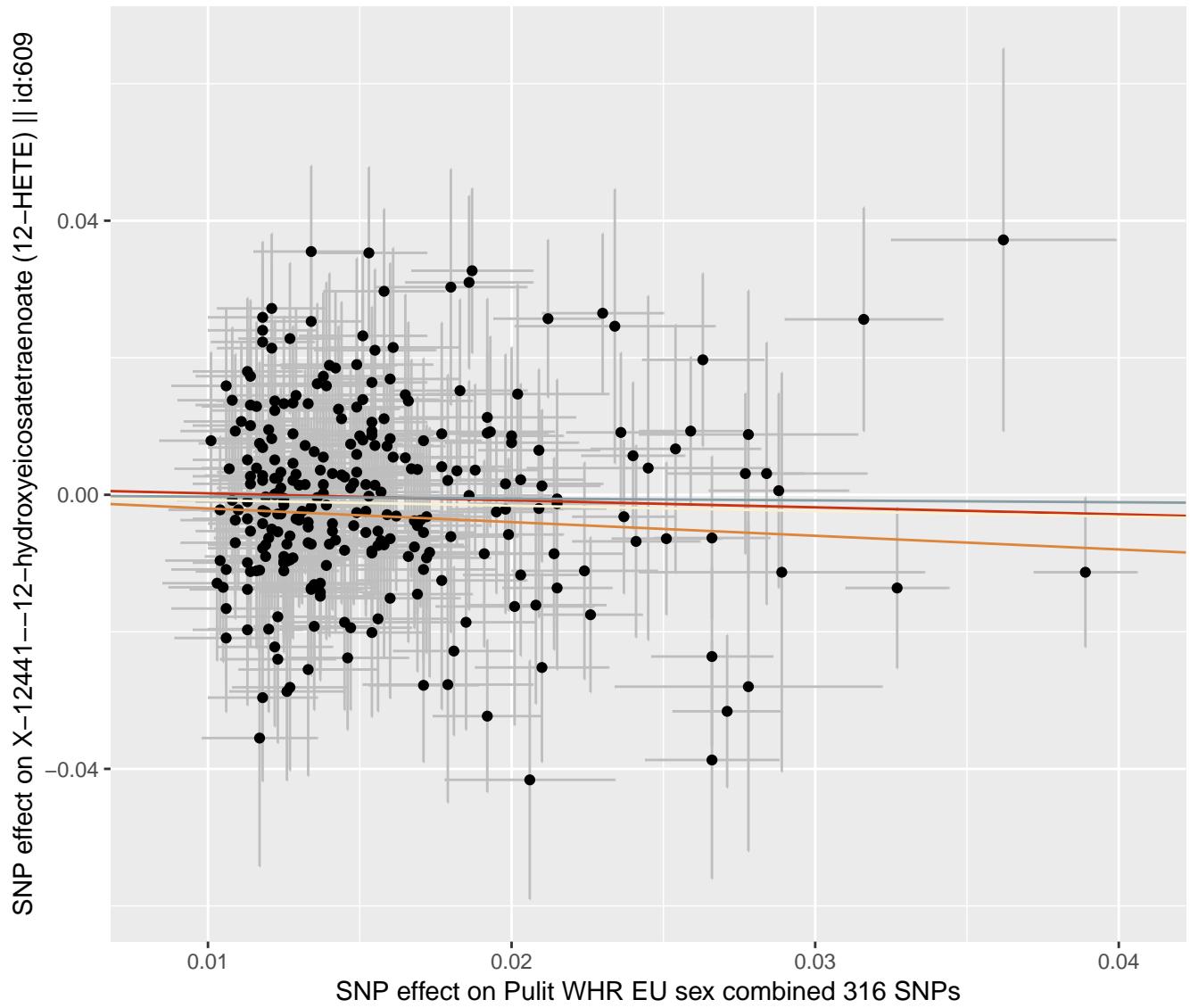
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



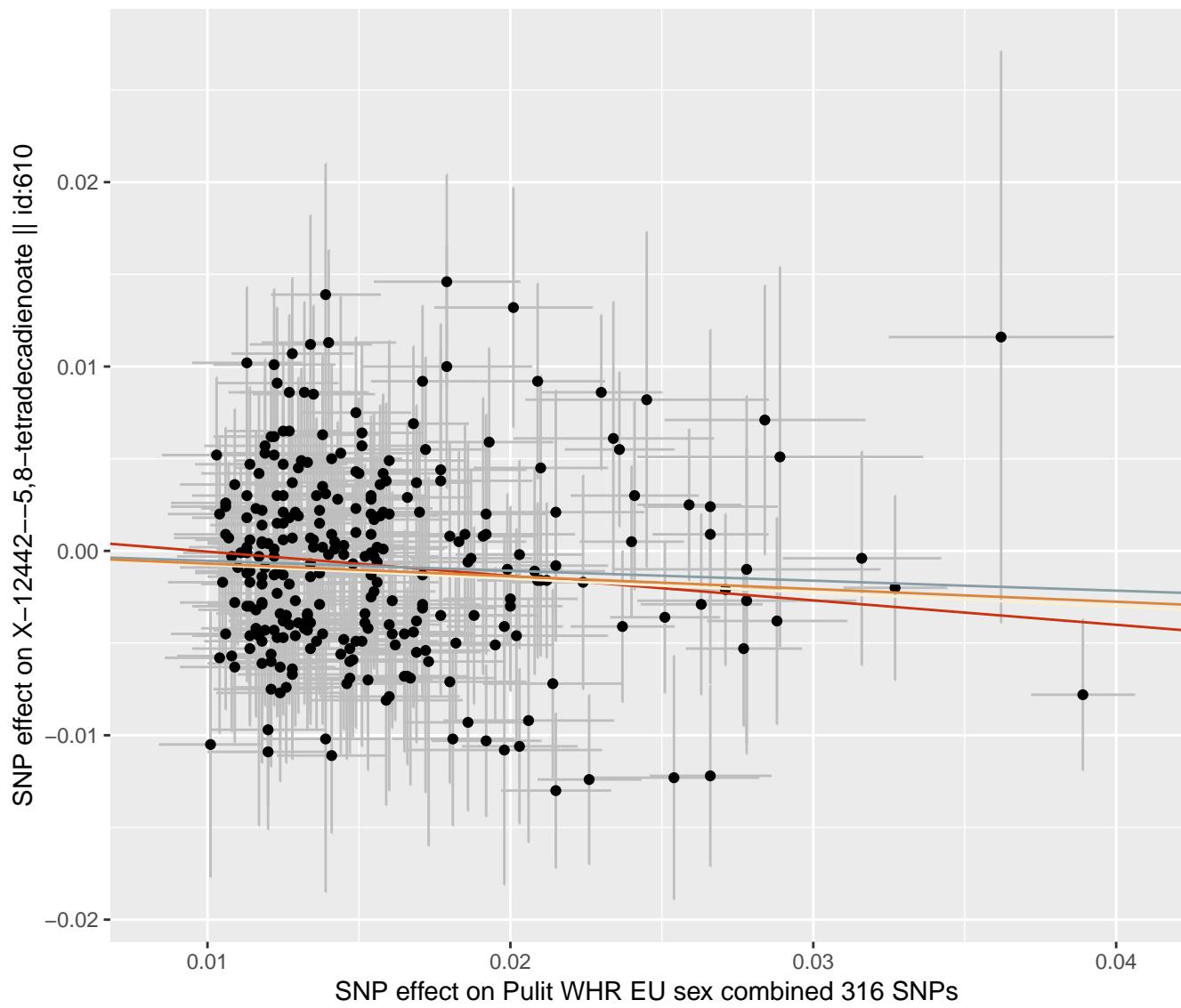
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

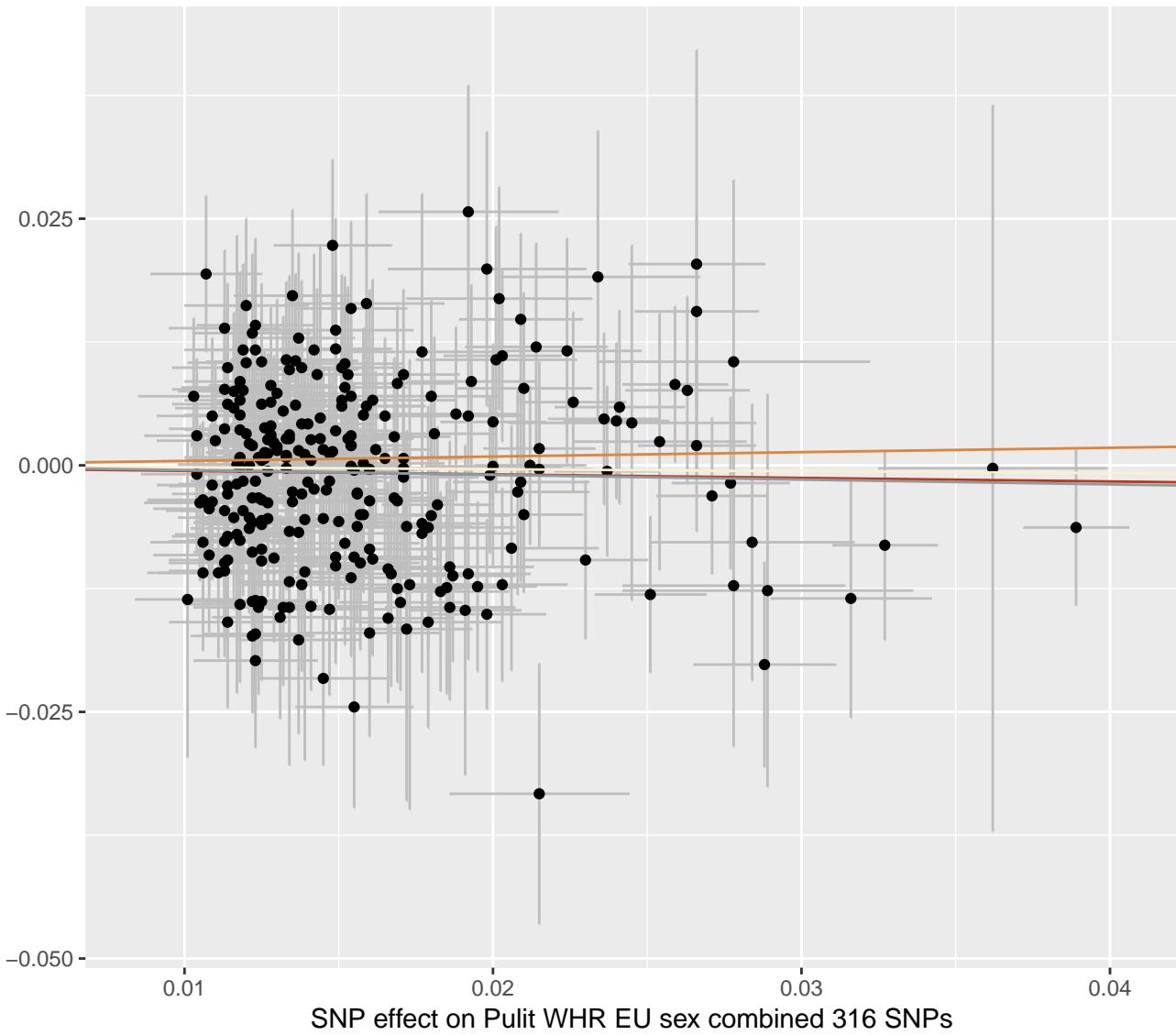


Weighted median



Weighted mode

SNP effect on X-12443 || id:611



SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



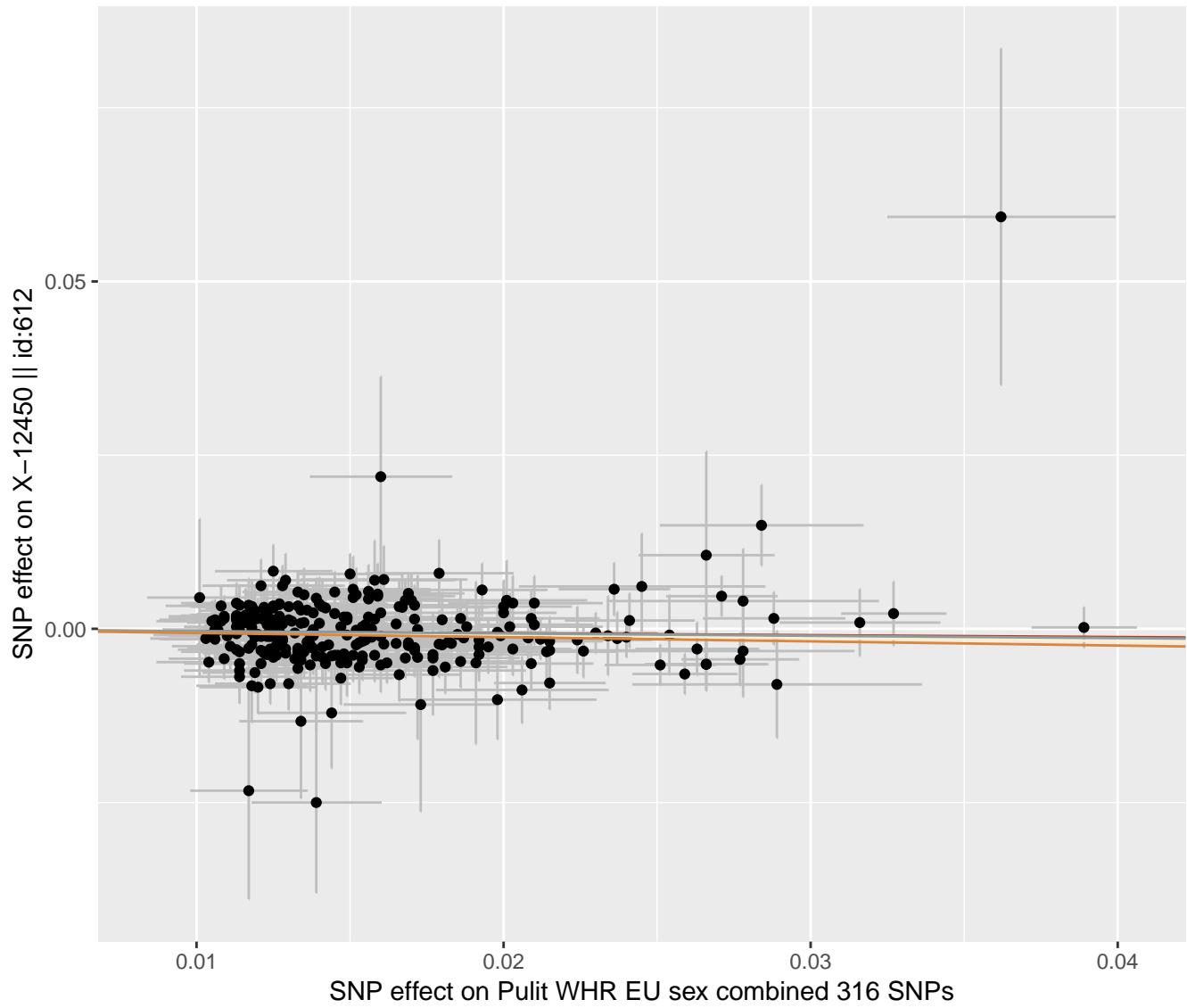
MR Egger



Weighted median



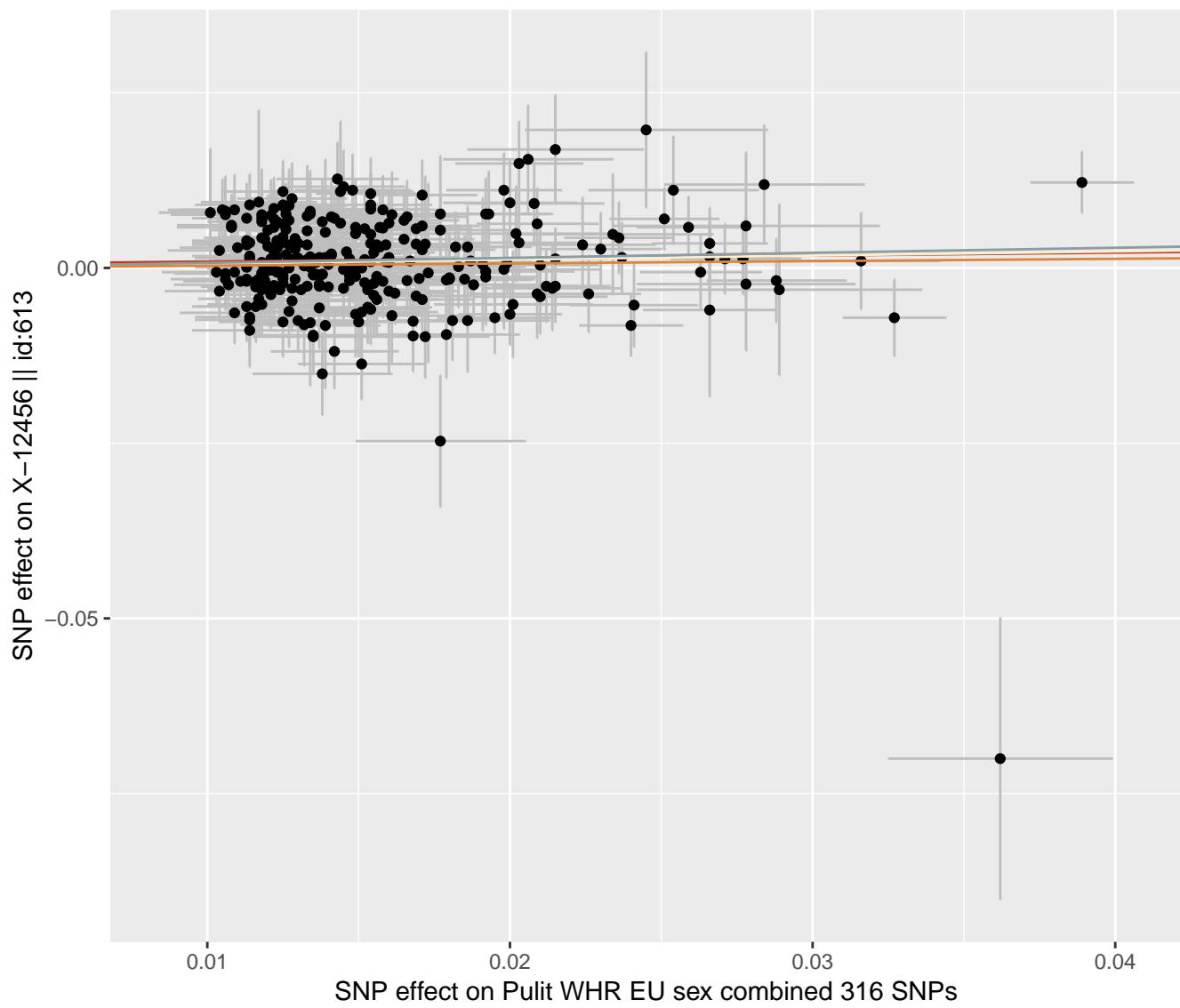
Weighted mode



MR Test

 Inverse variance weighted (multiplicative random effects)
 MR Egger

 Weighted median
 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



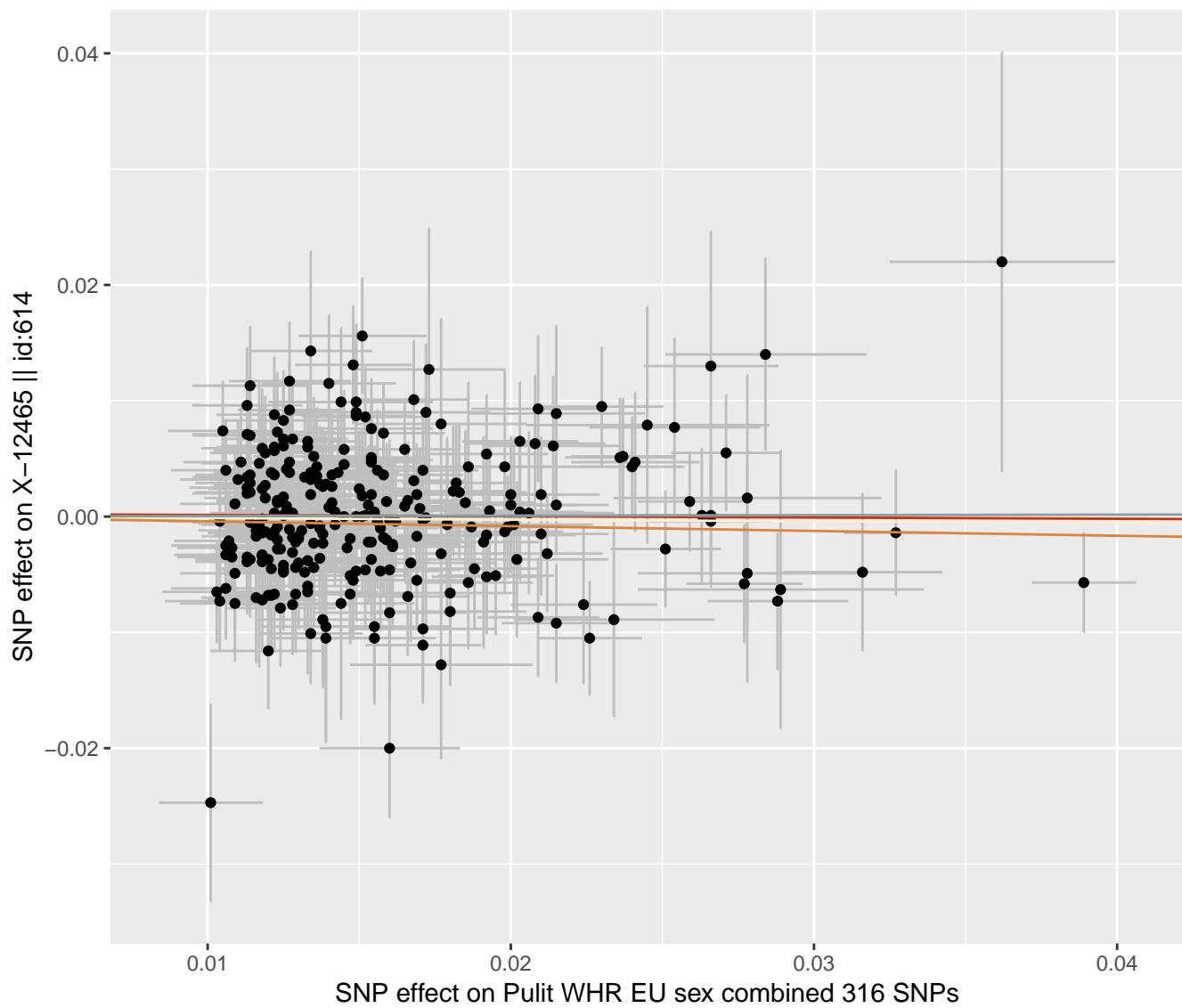
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



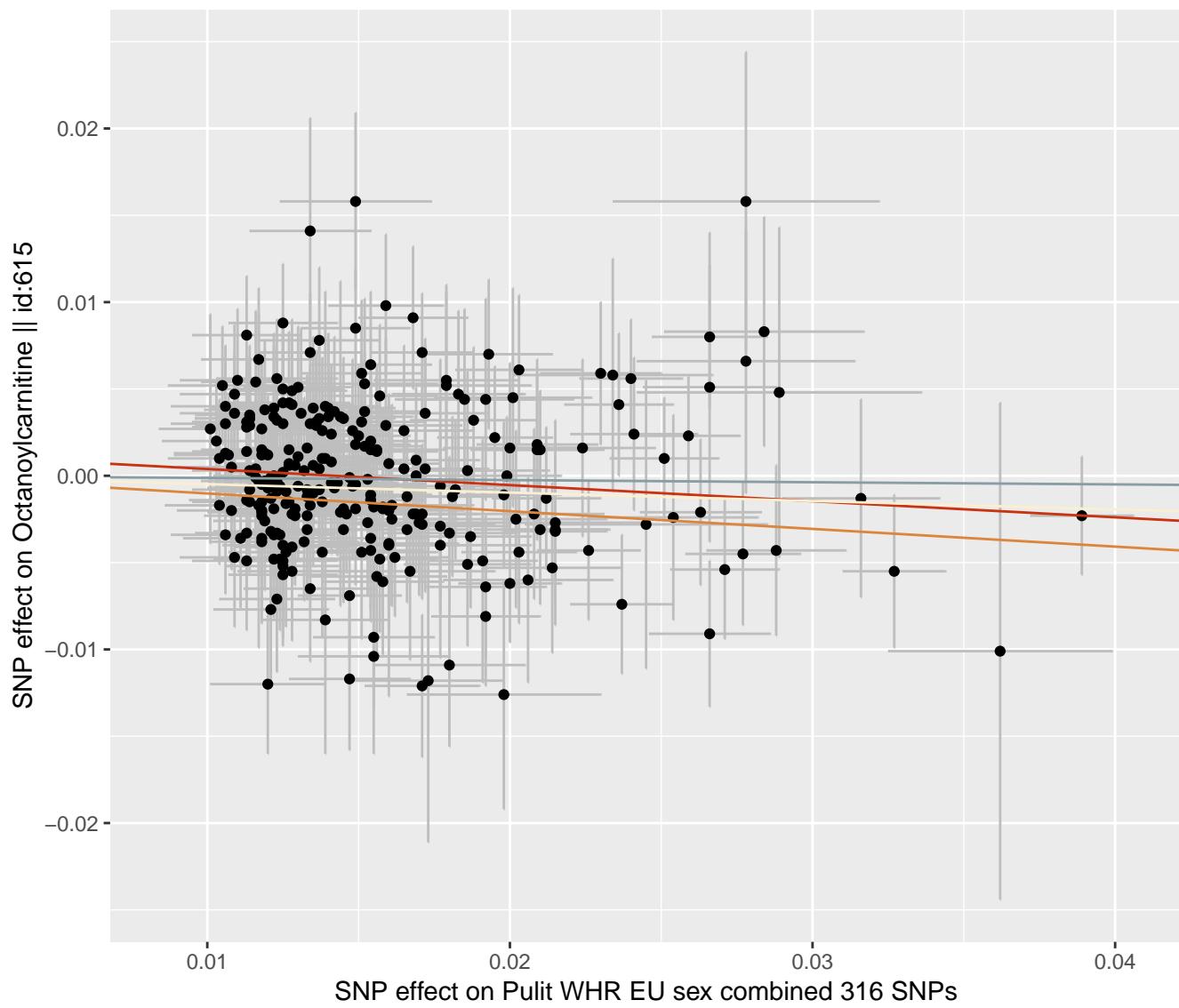
MR Egger



Weighted median



Weighted mode



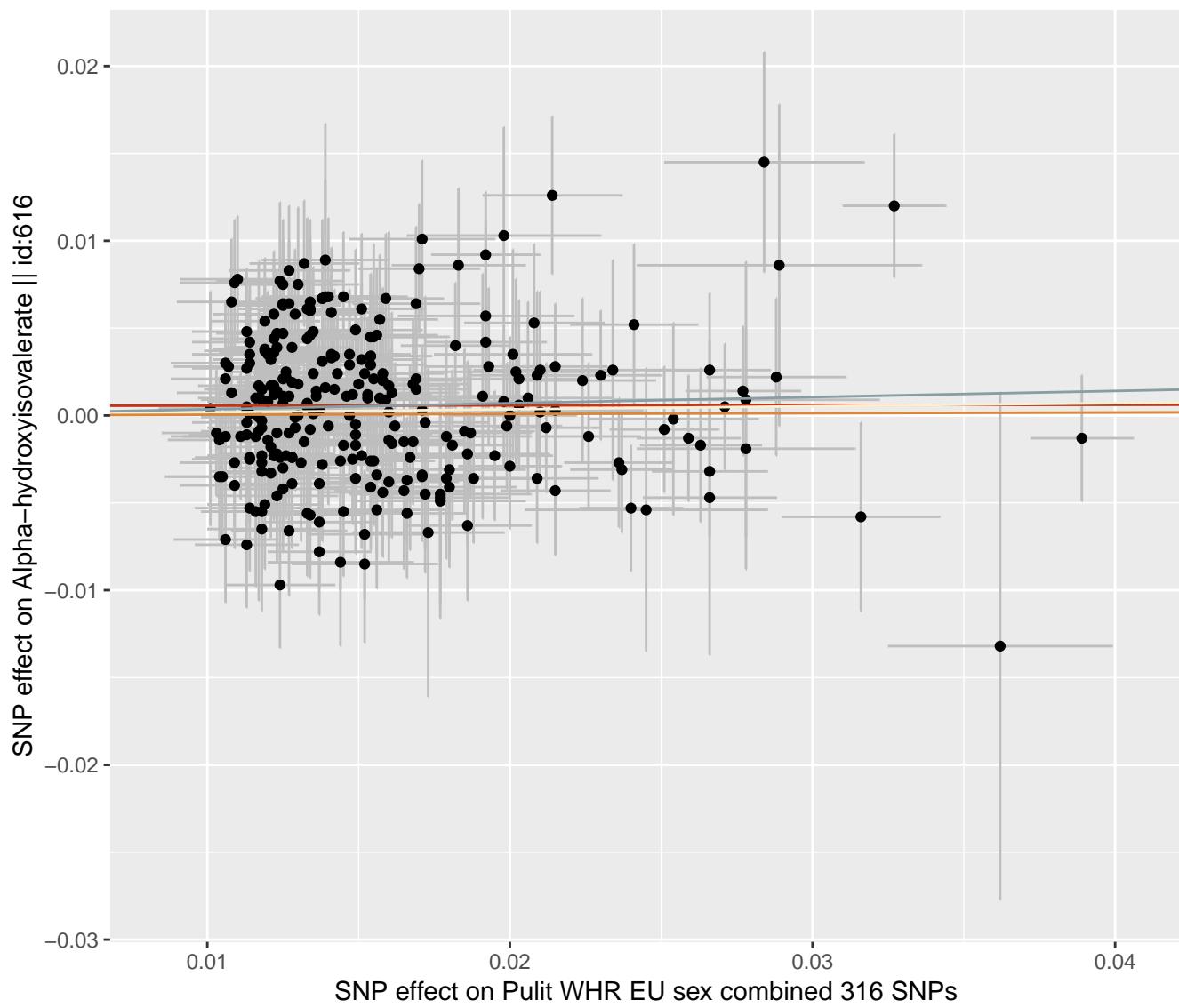
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



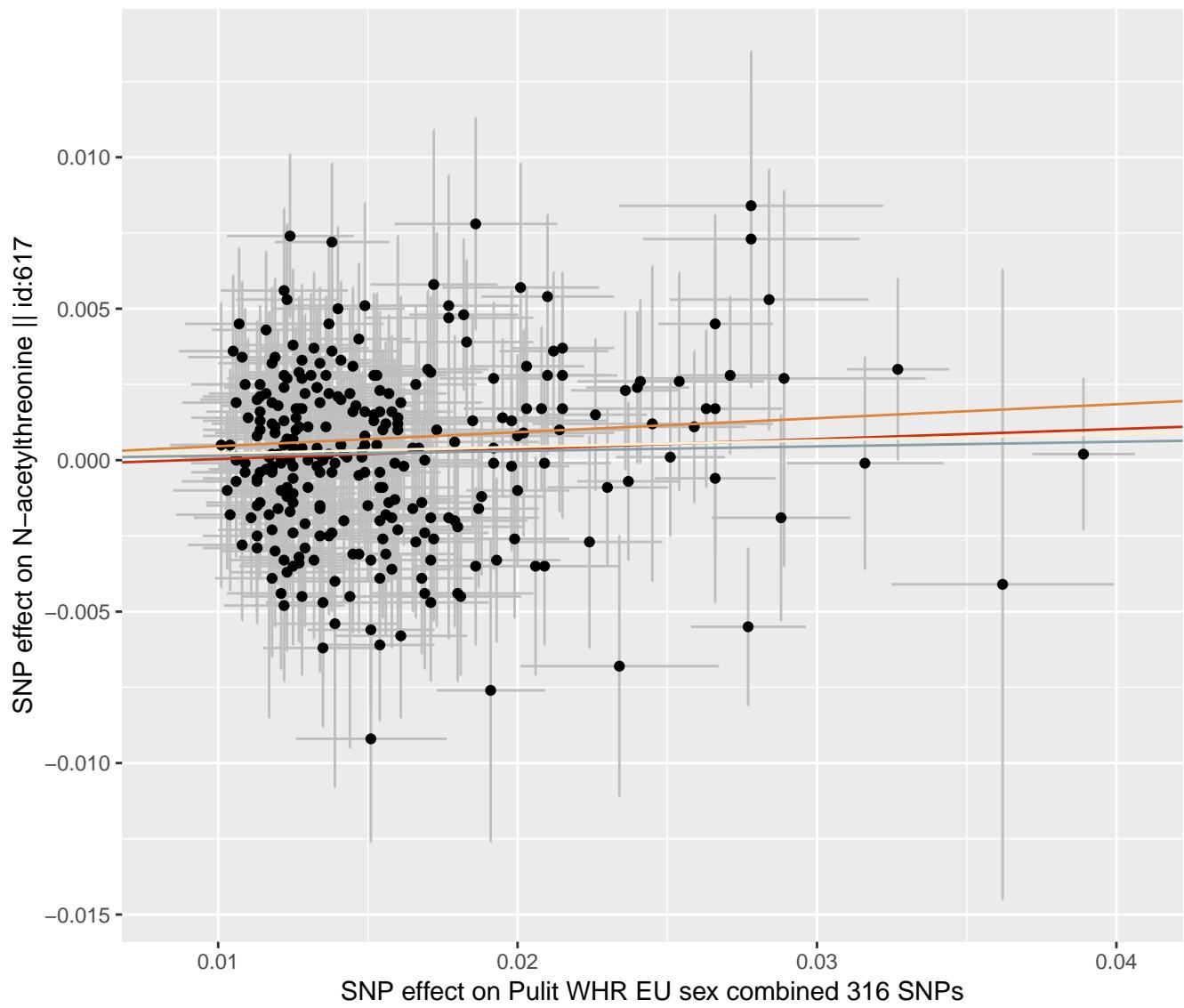
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on Decanoylcarnitine || id:618

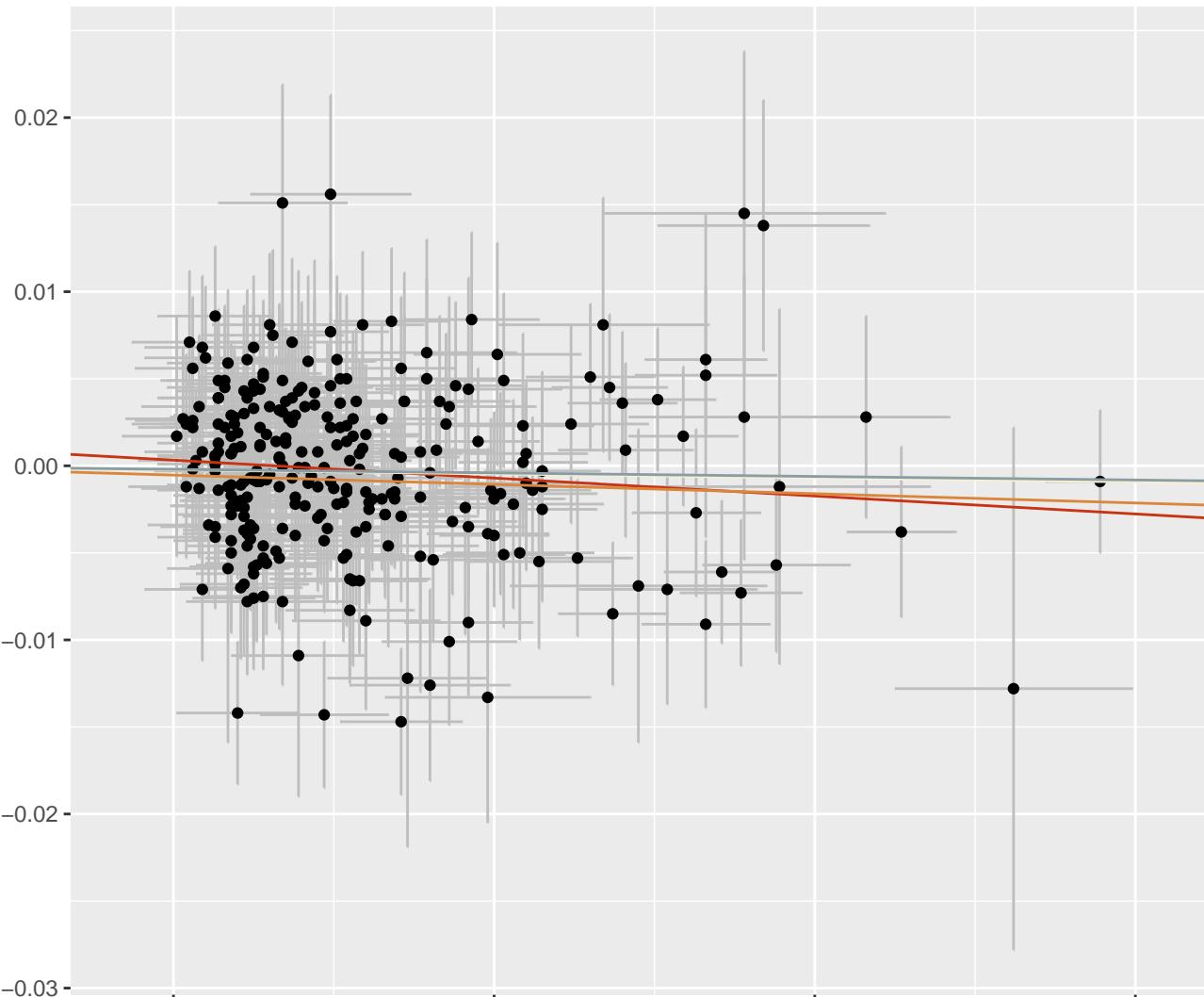
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



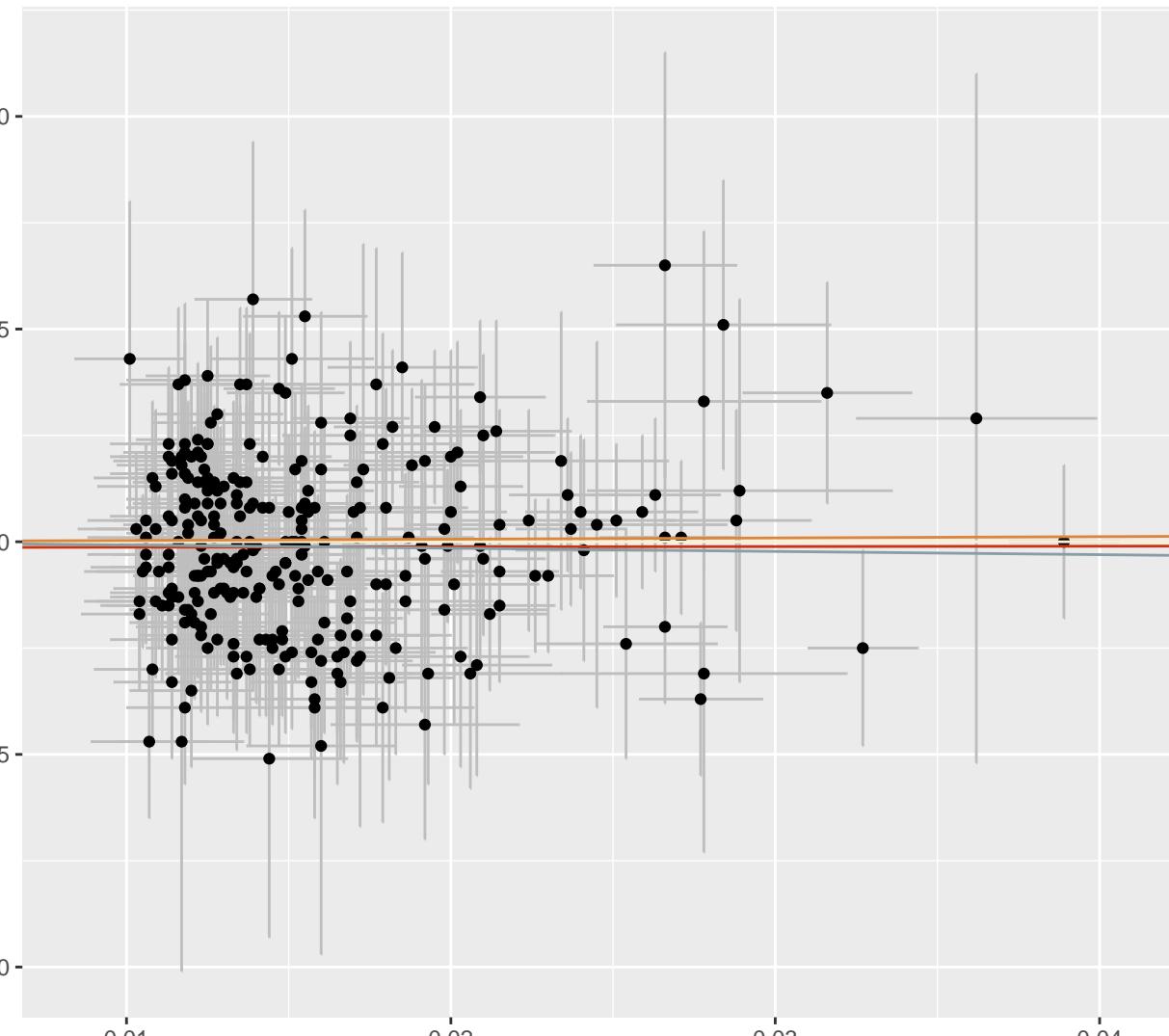
Weighted median



Weighted mode

SNP effect on 1-palmitoylglycerophosphocholine || id:619

SNP effect on Pullet WHR EU sex combined 316 SNPs



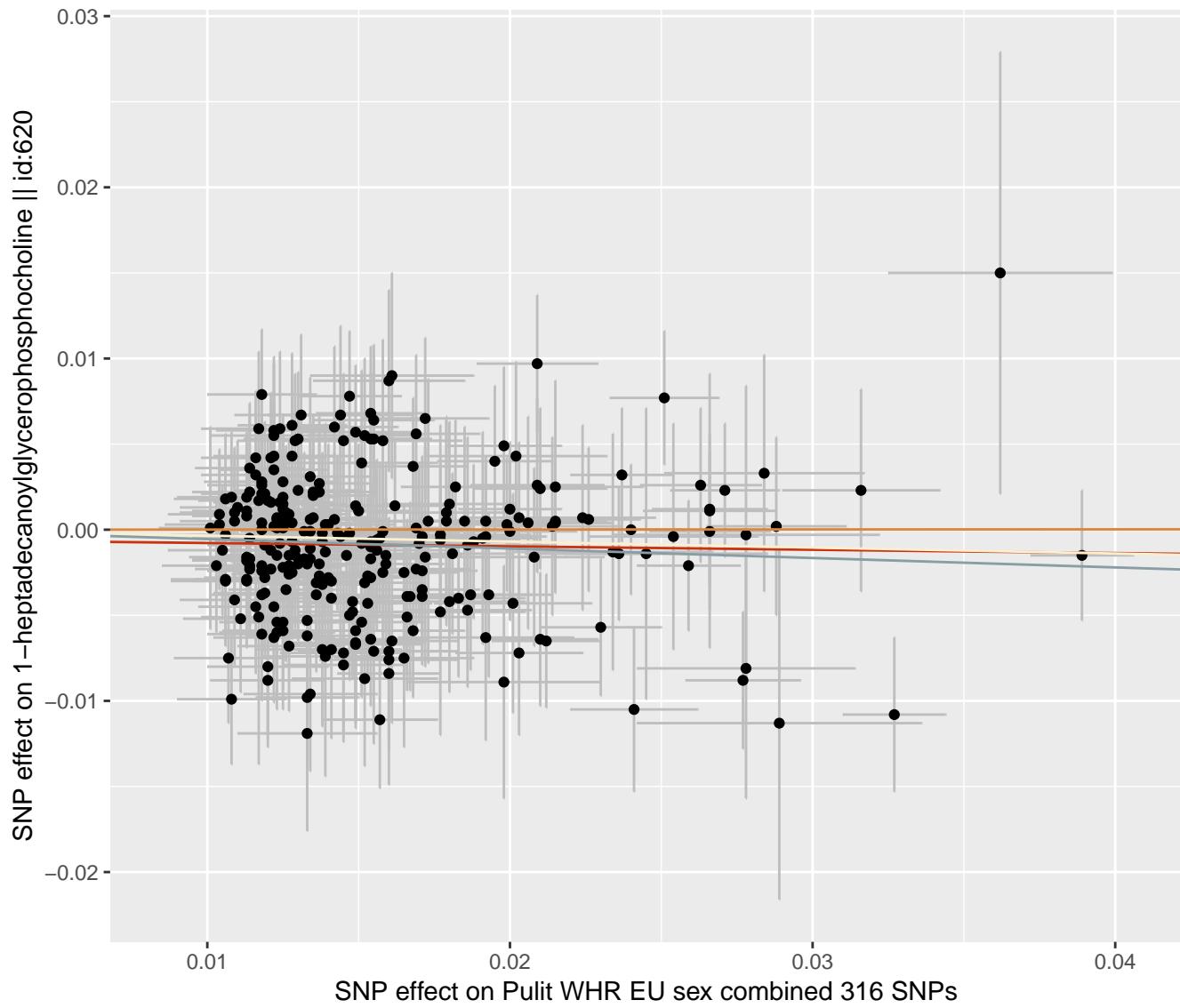
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



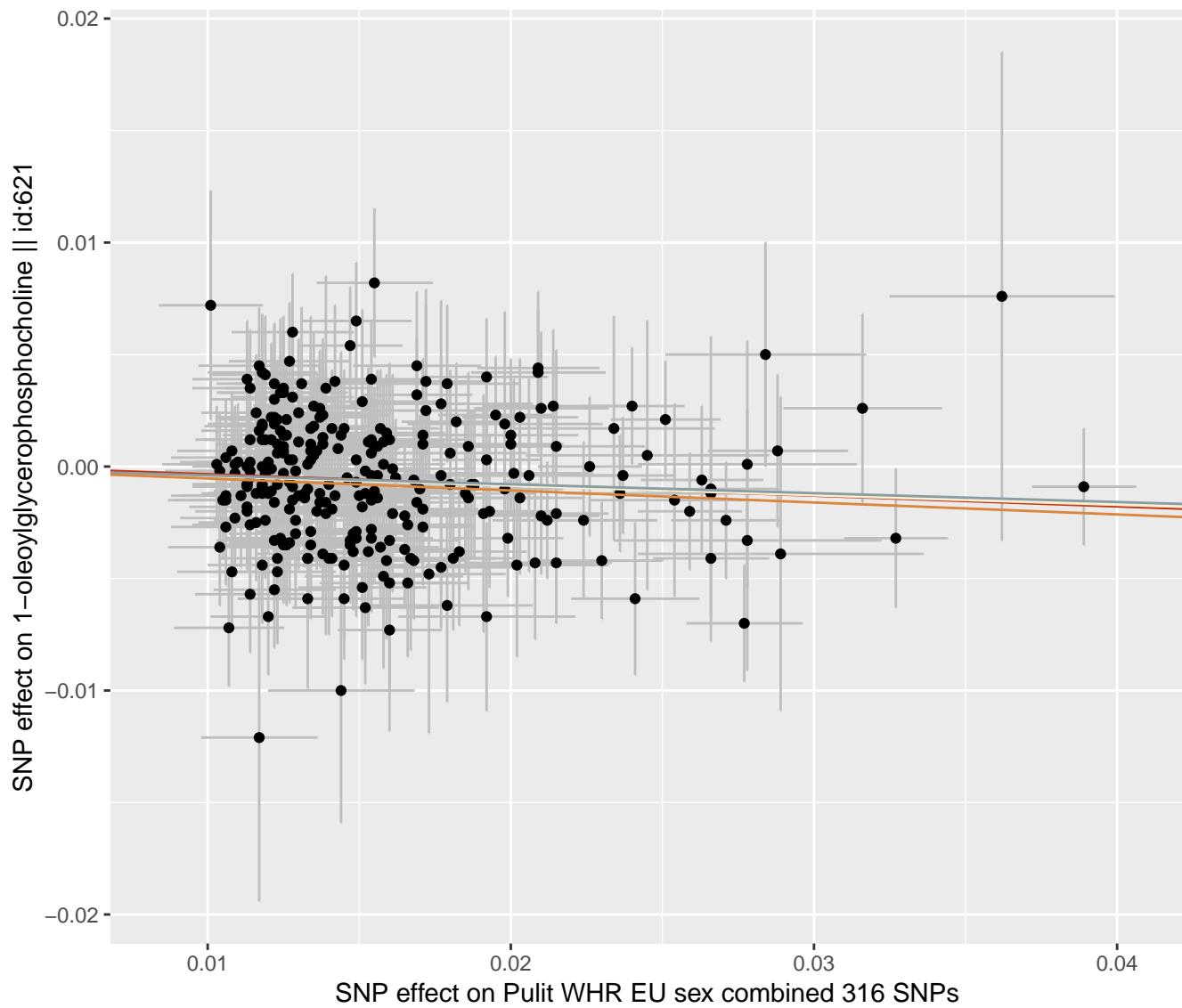
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on 1-stearoylglycerophosphocholine || id:622

0.03 -

0.02 -

0.01 -

0.00 -

-0.01 -

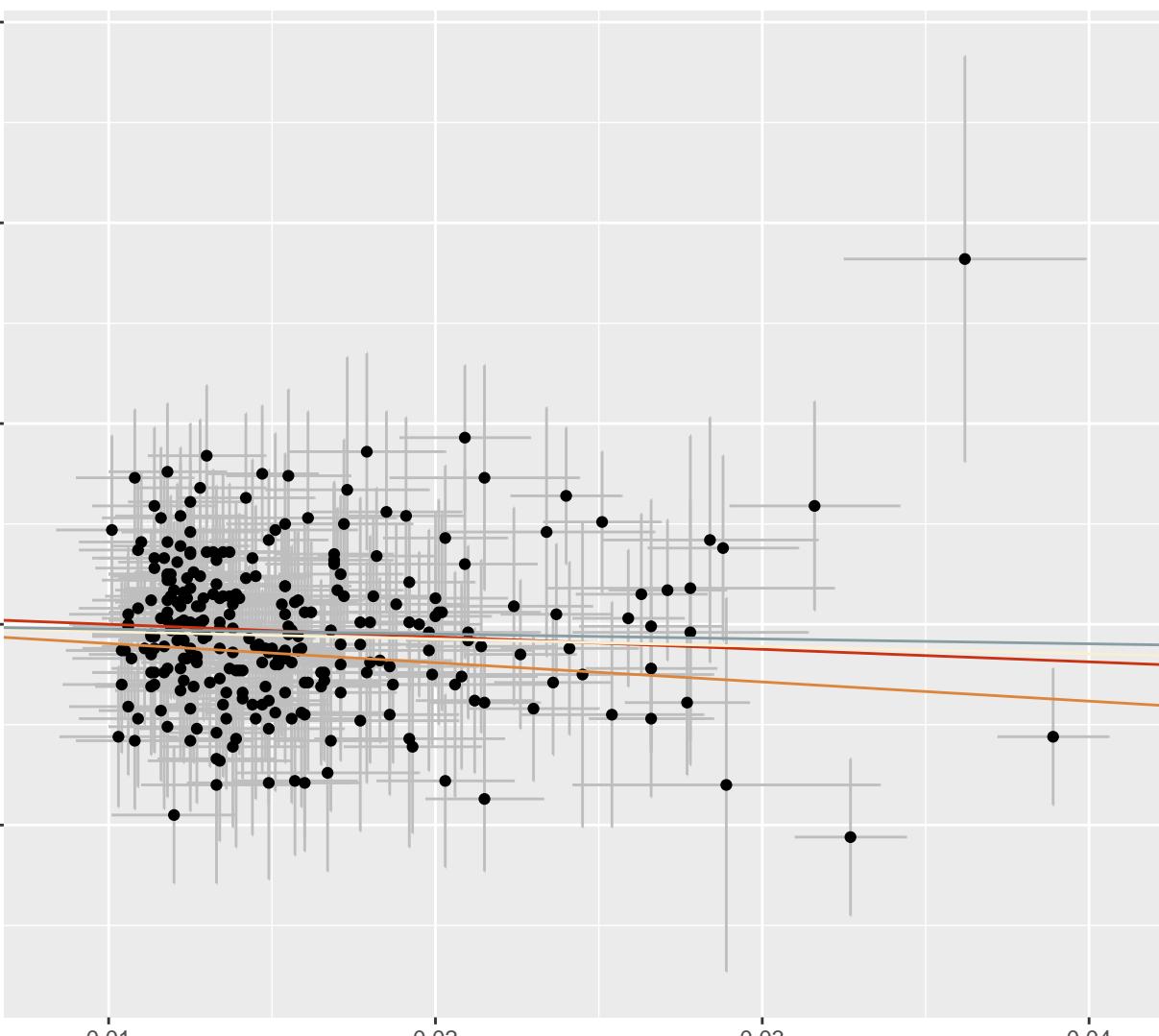
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



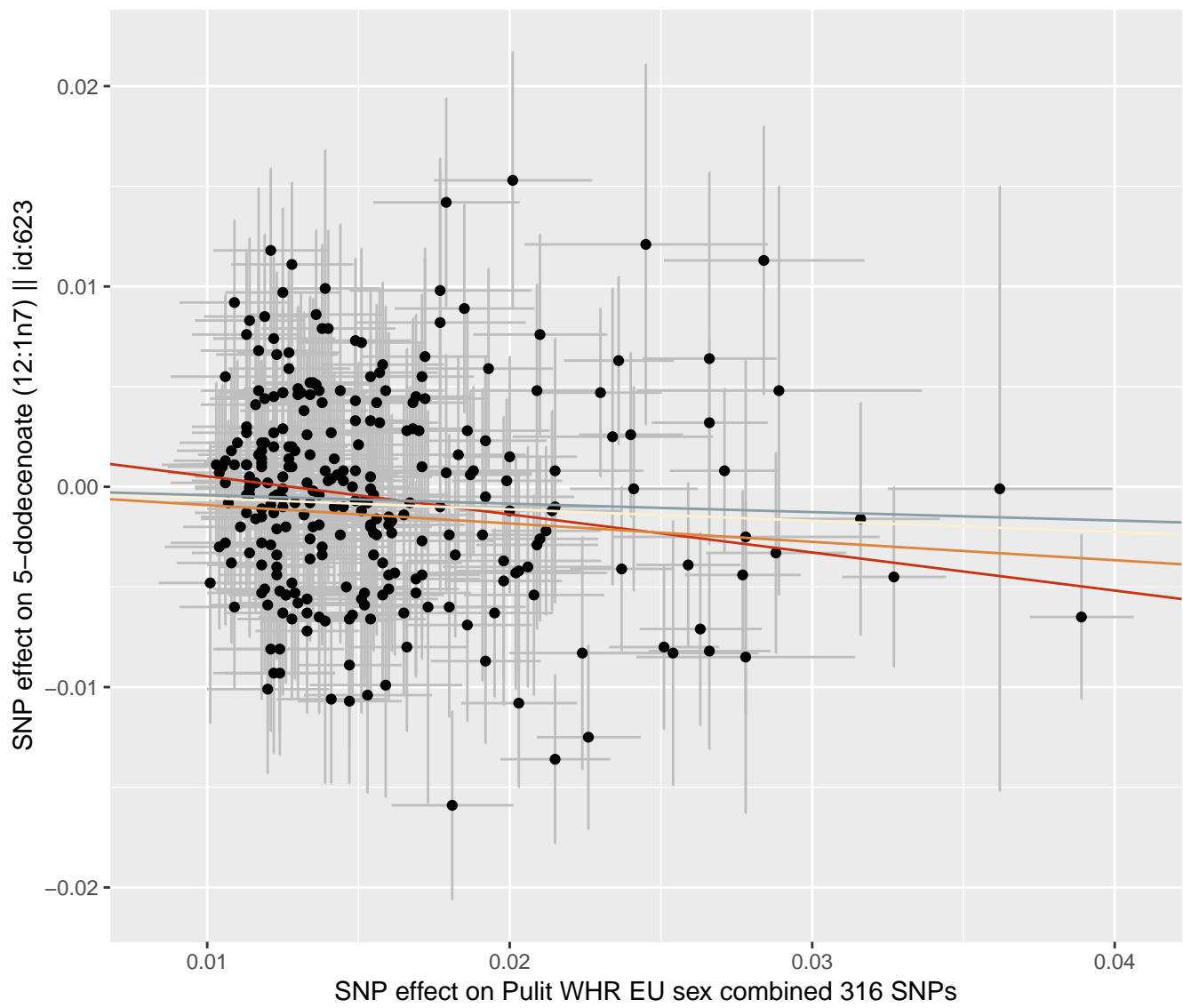
MR Egger



Weighted median



Weighted mode



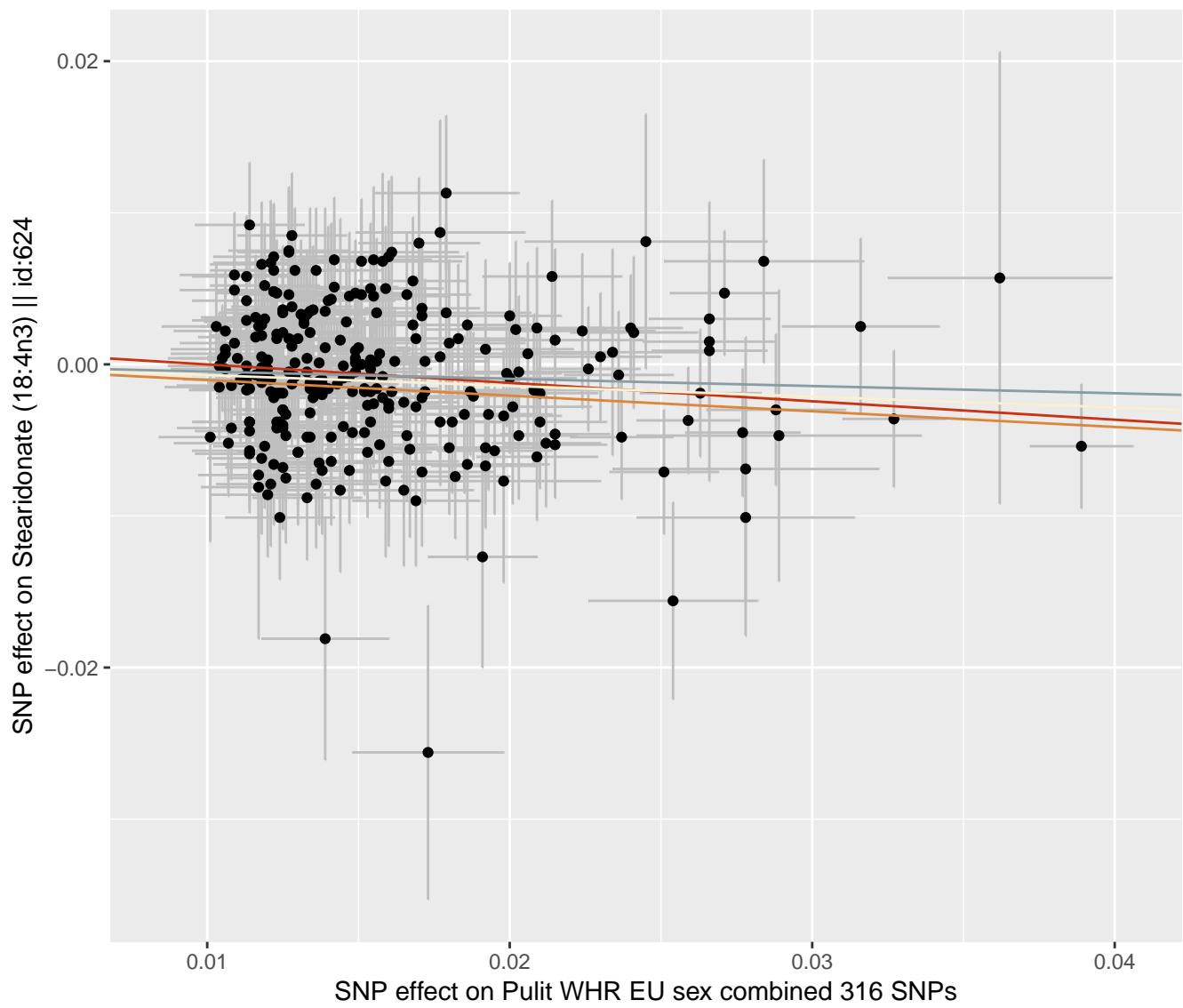
MR Test

 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 10-heptadecenoate (17:1n7) || id:625

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

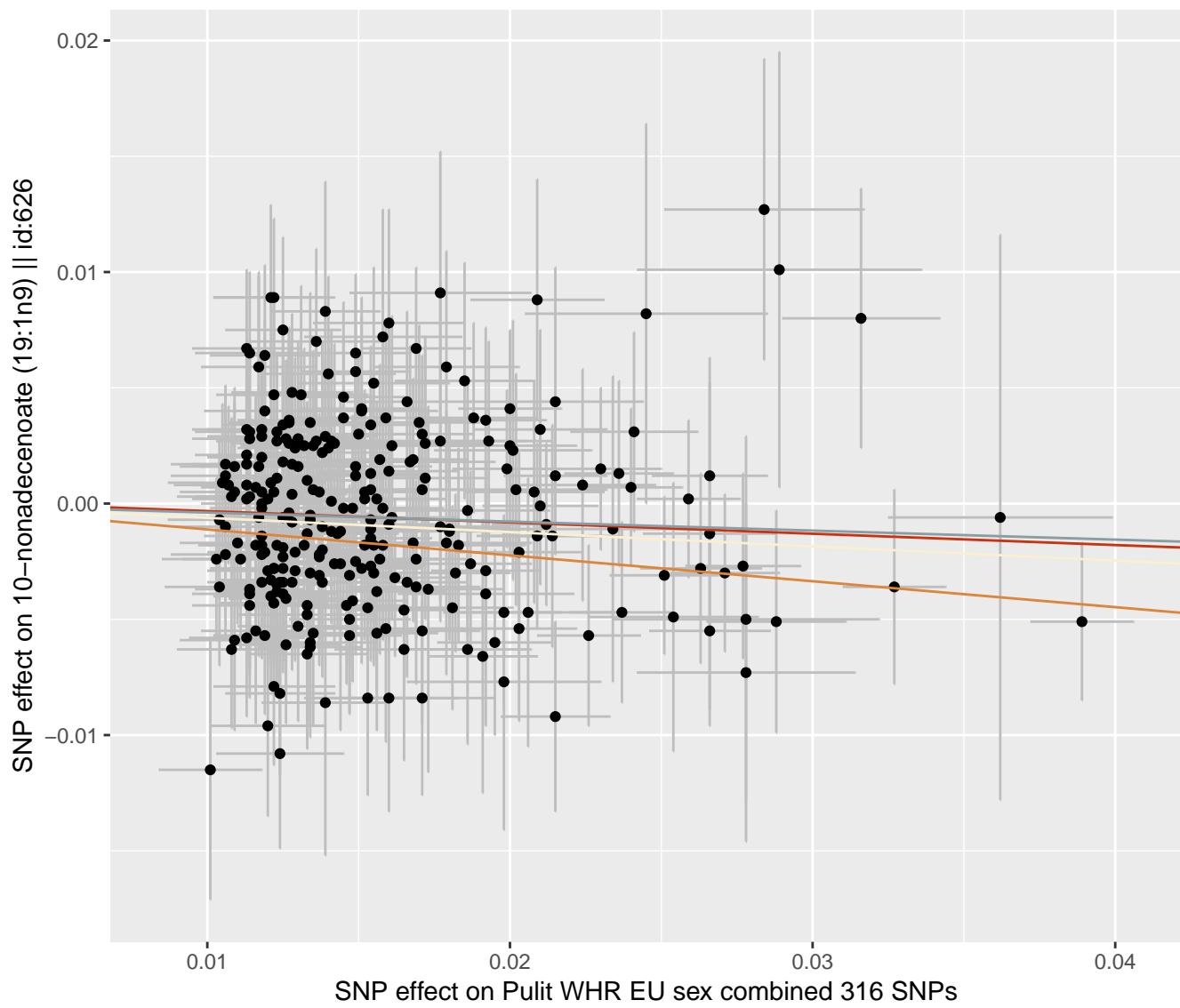
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



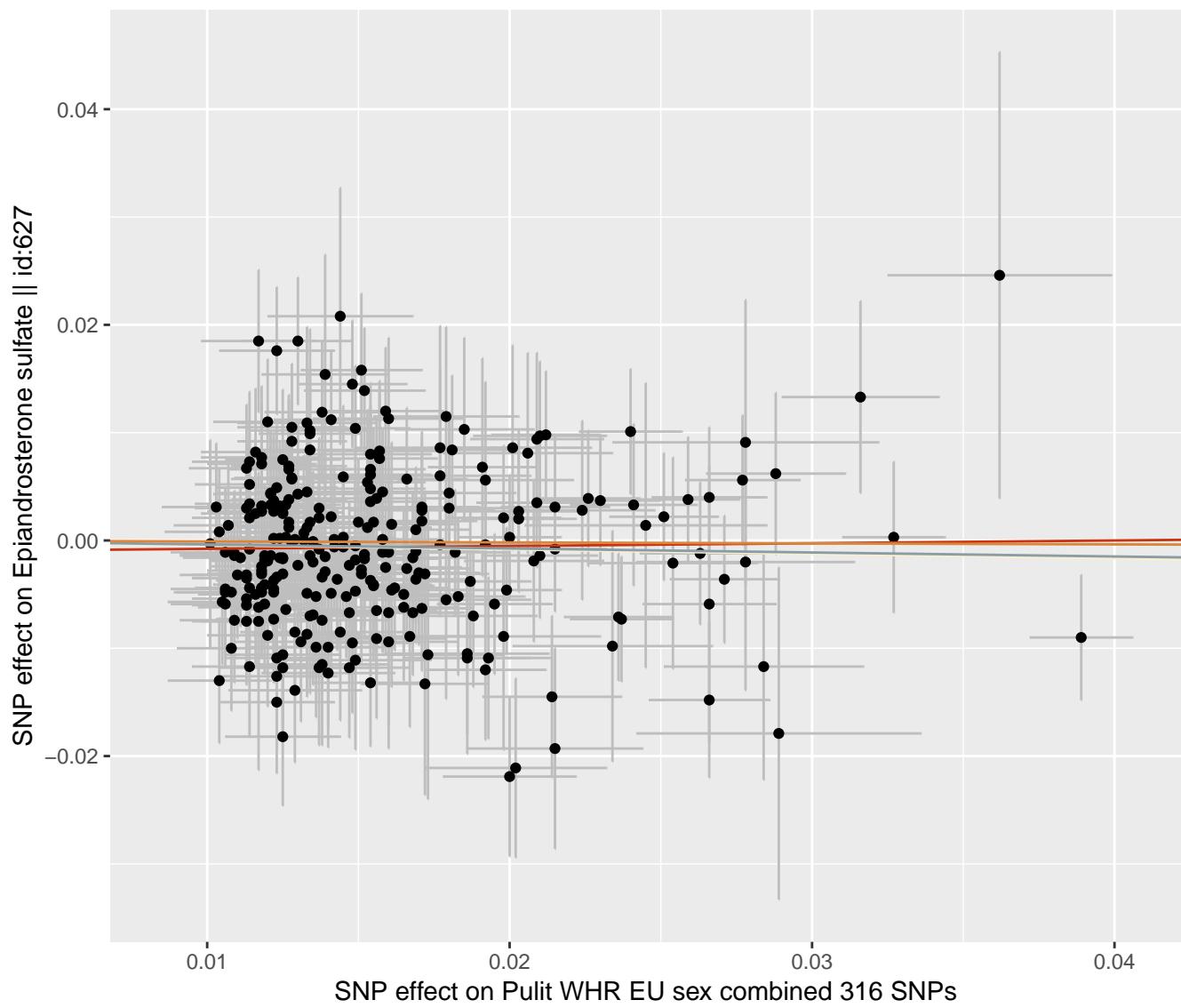
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



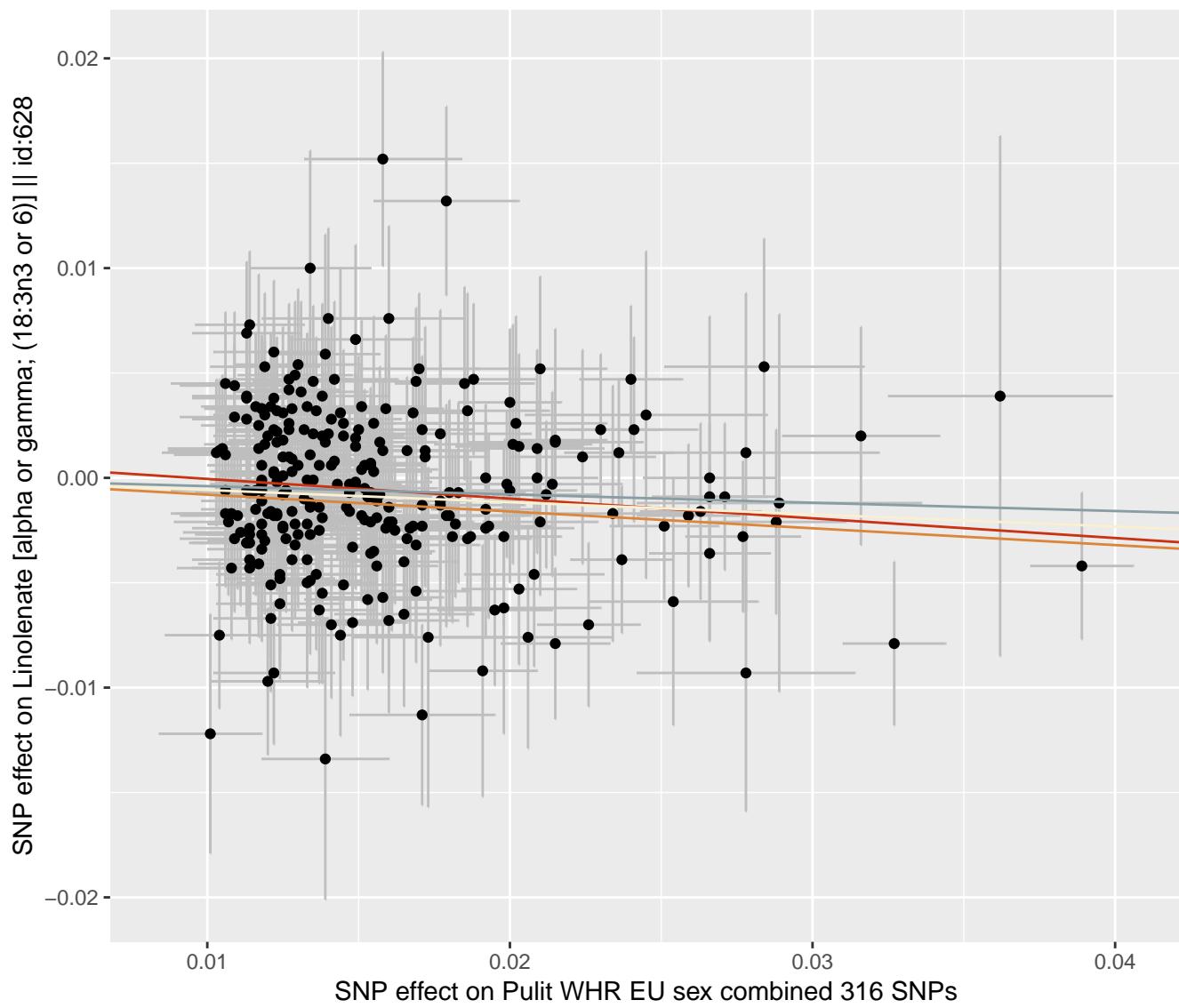
MR Egger



Weighted median



Weighted mode



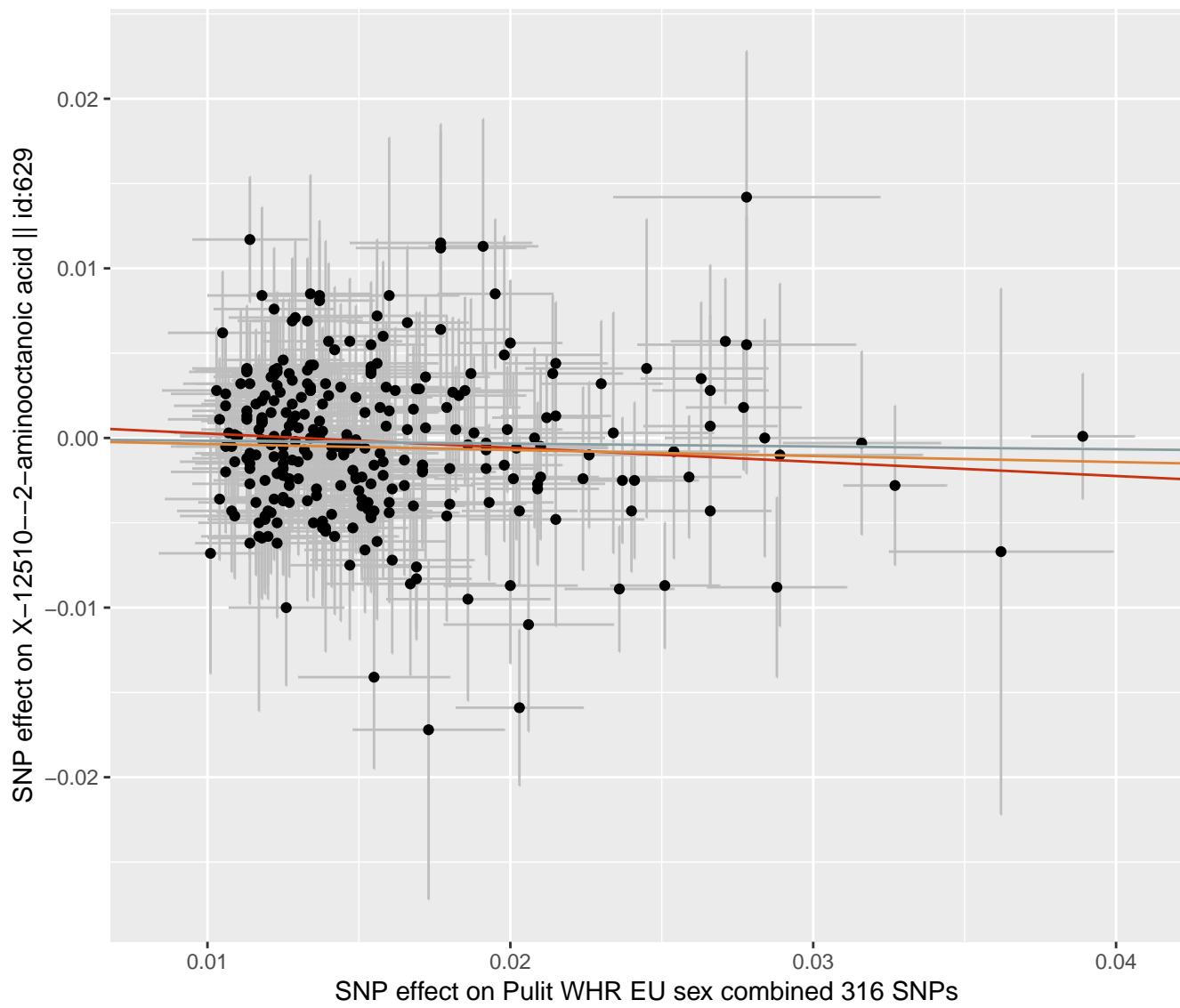
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



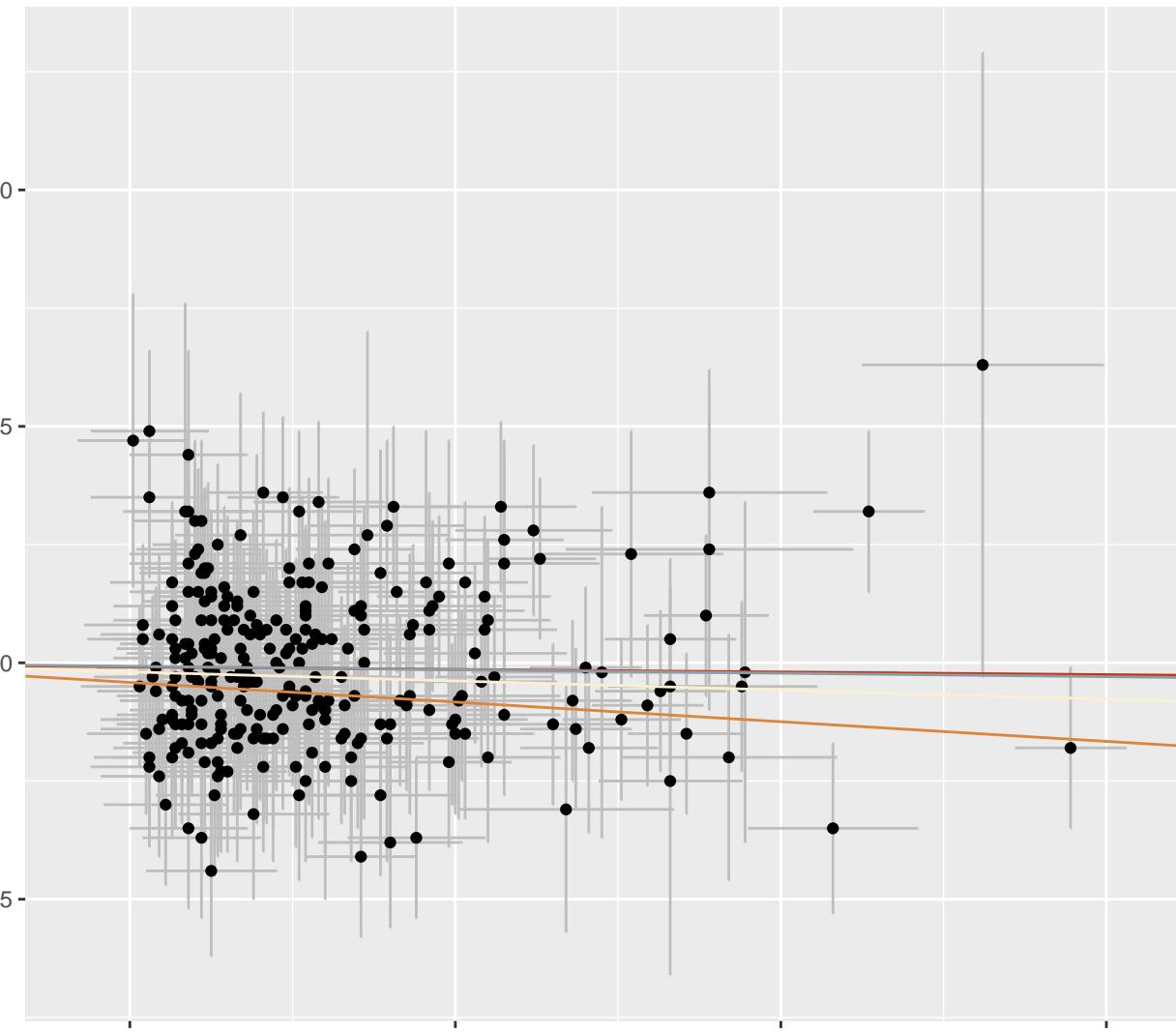
Weighted median



Weighted mode

SNP effect on X-12524 || id:630

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



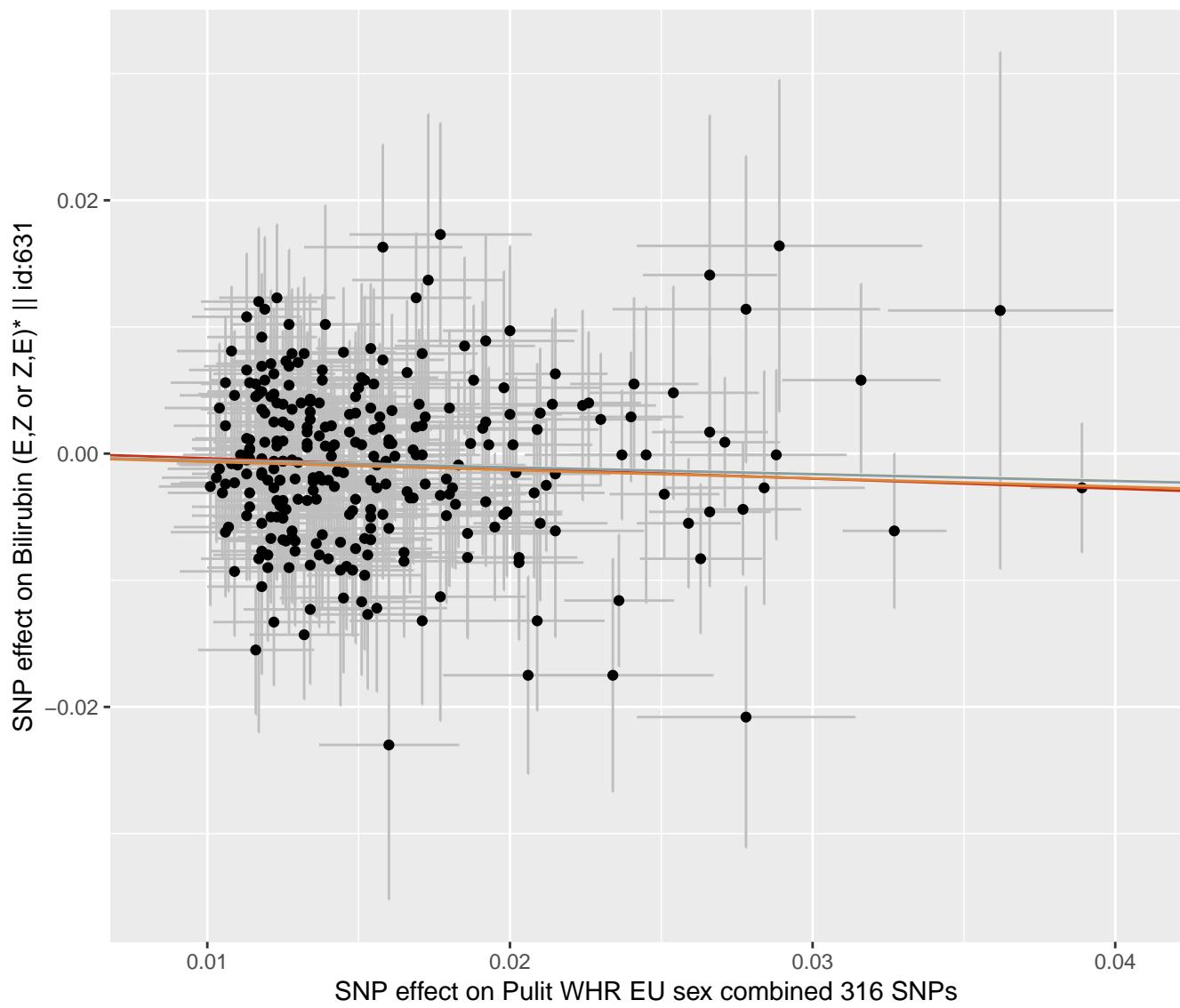
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



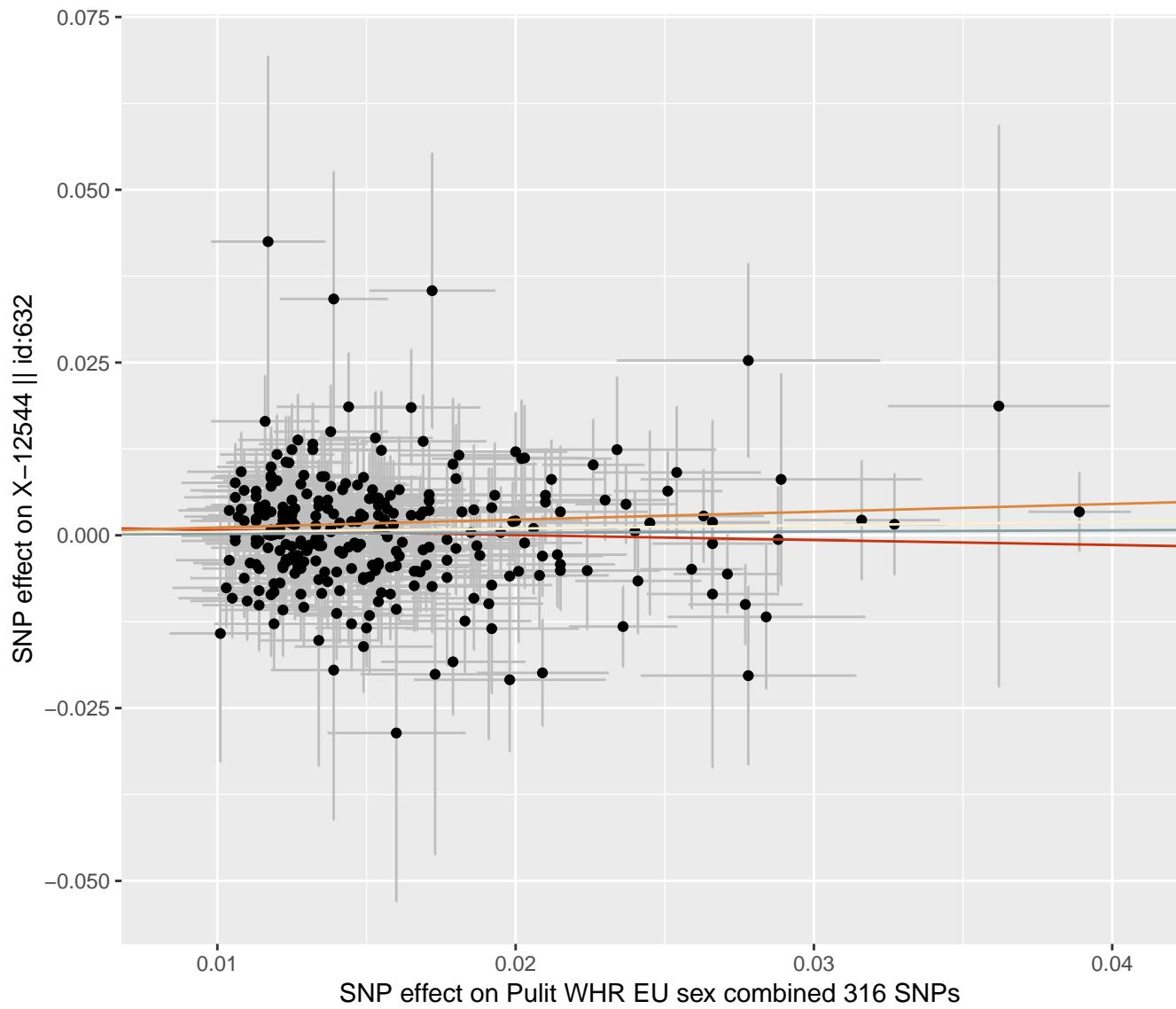
MR Egger



Weighted median



Weighted mode



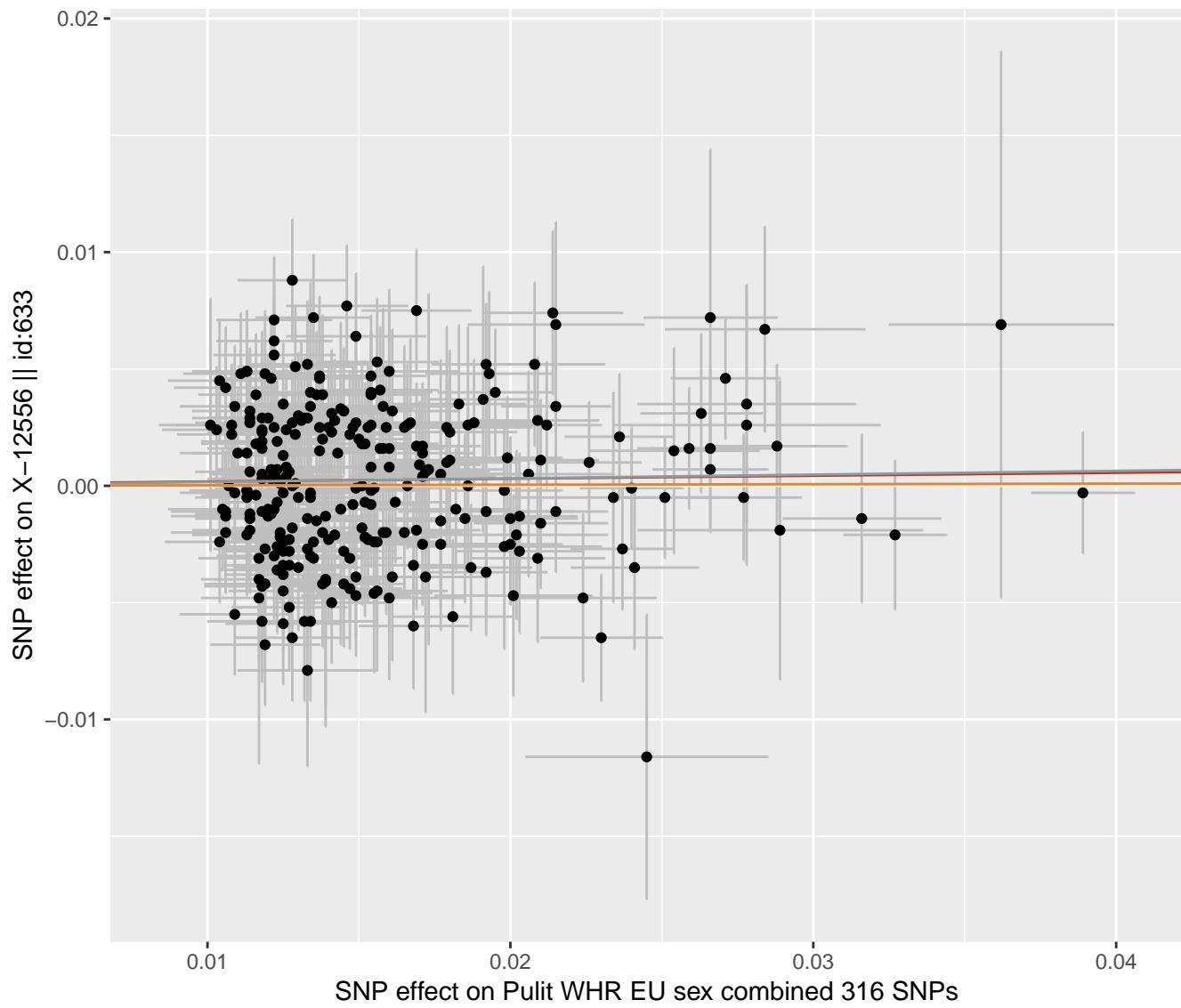
MR Test

 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 1-arachidonoylglycerophosphoinositol* || id:634

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



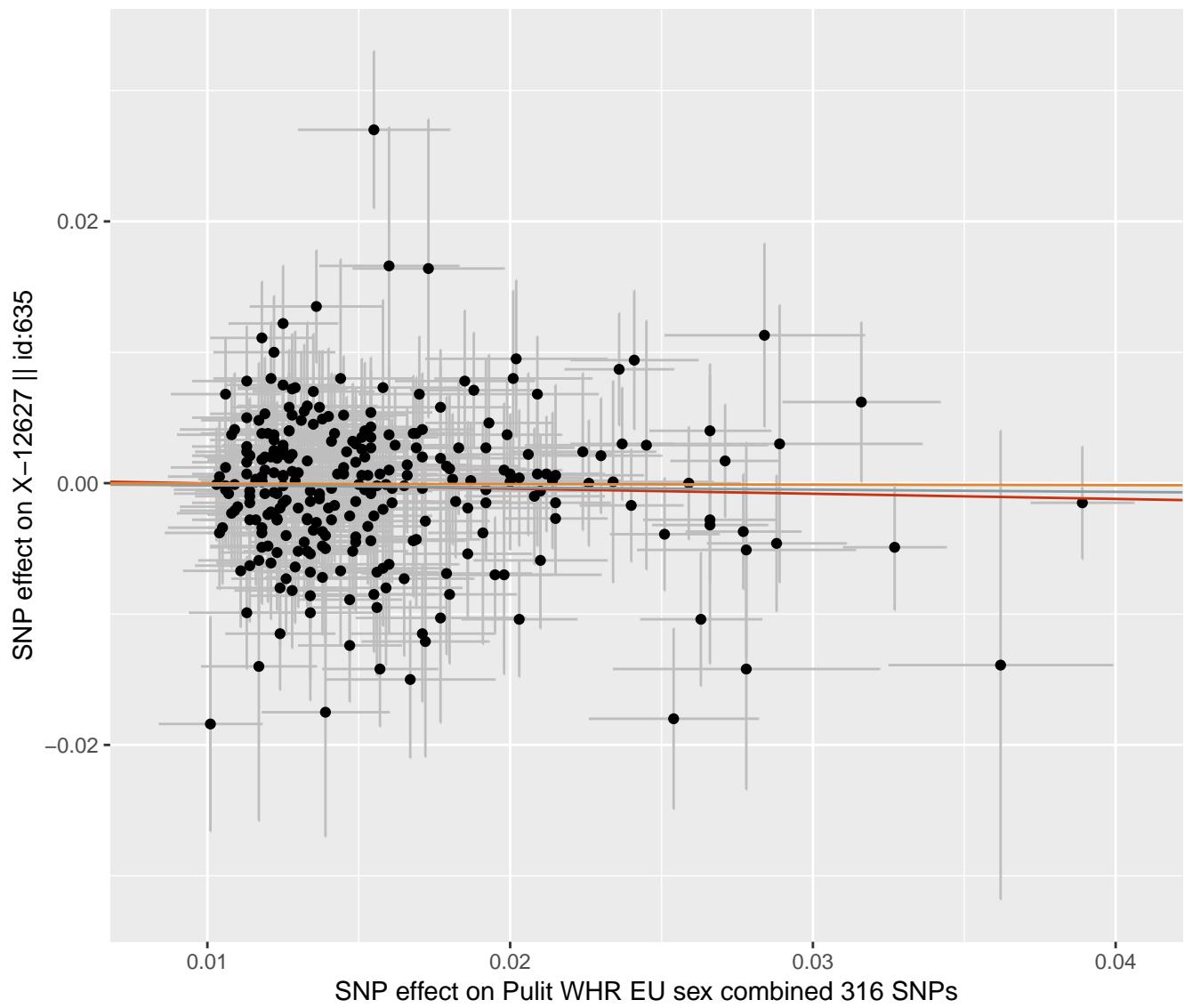
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



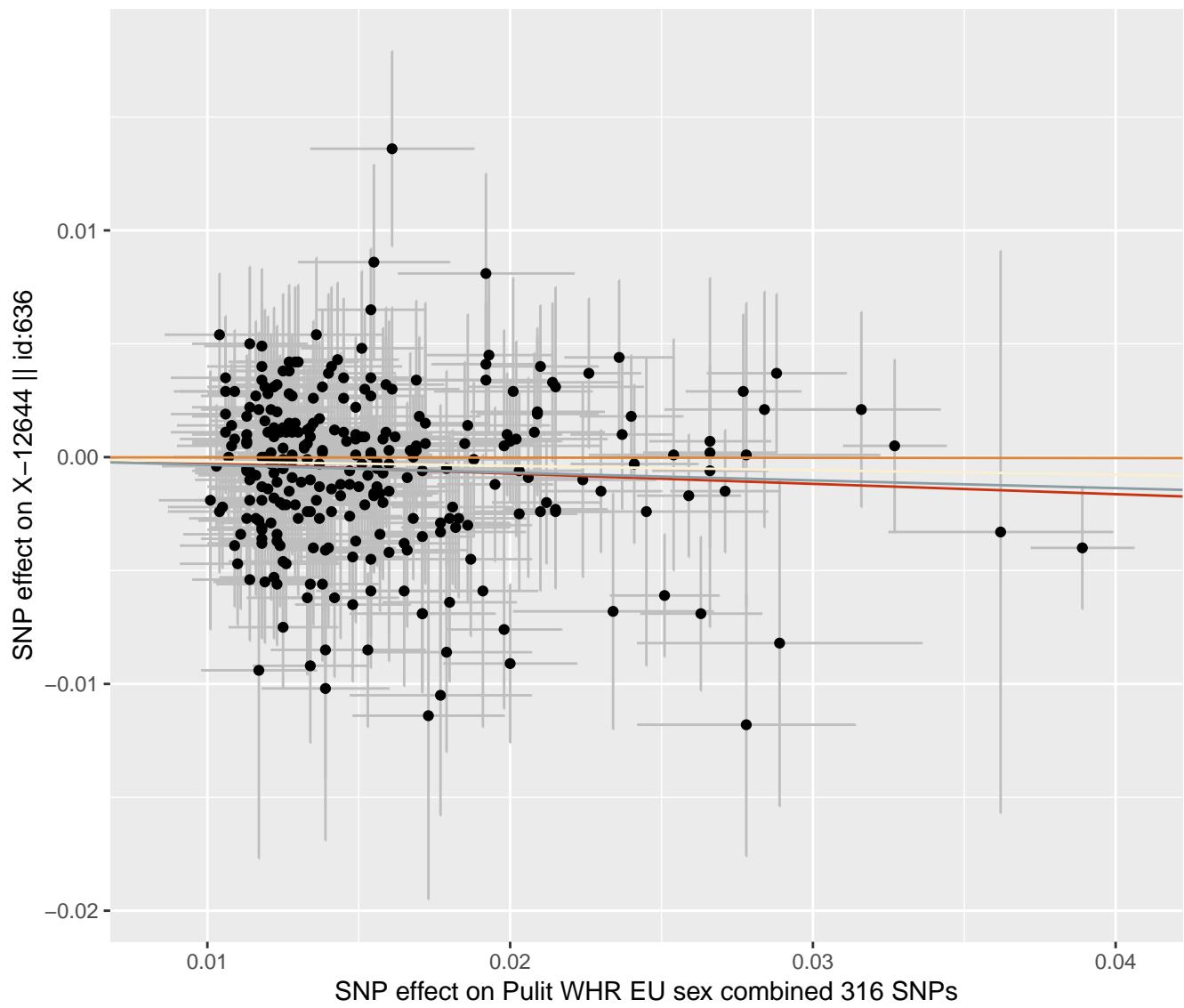
MR Egger



Weighted median

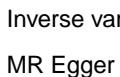


Weighted mode

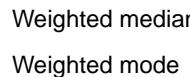


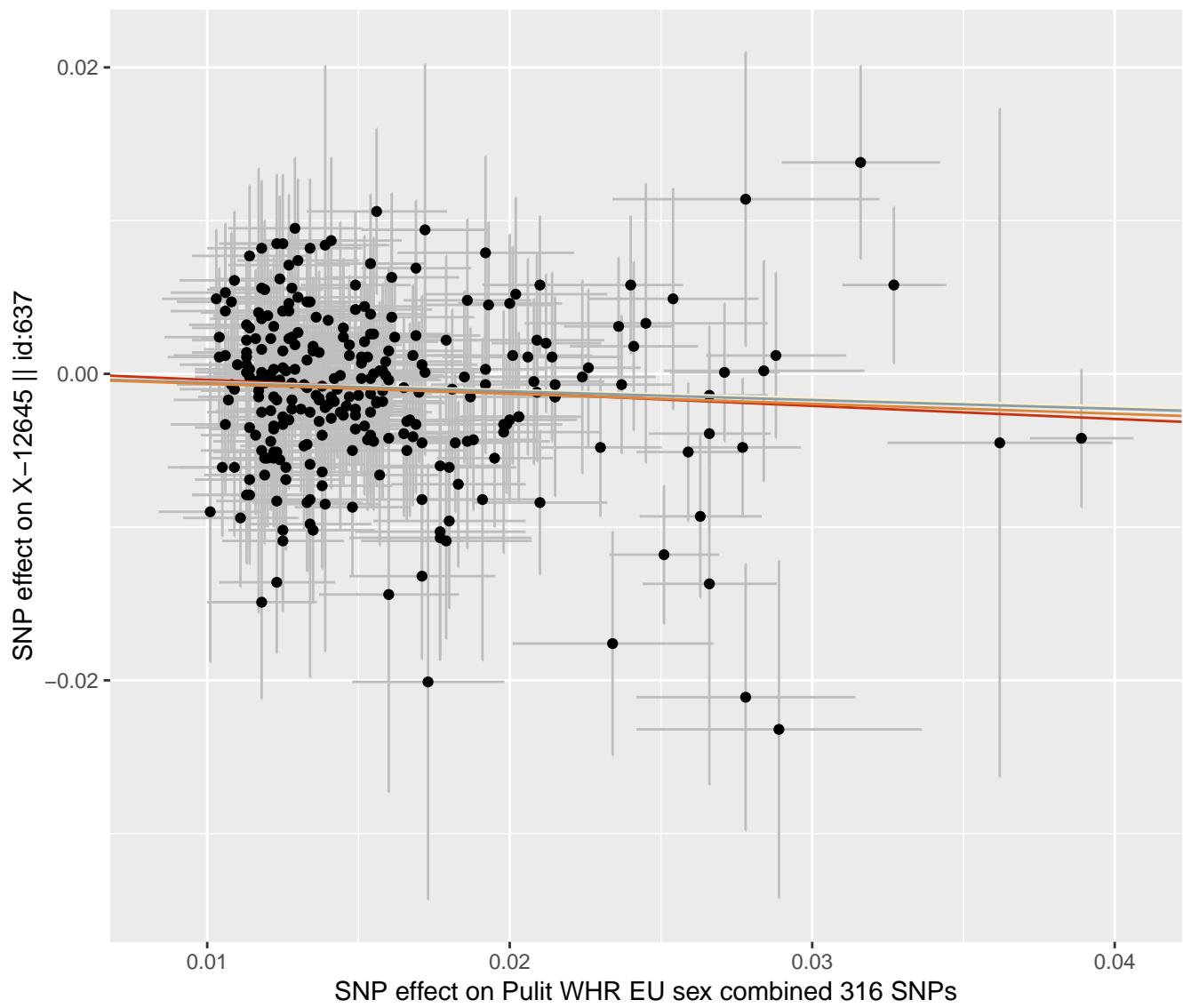
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



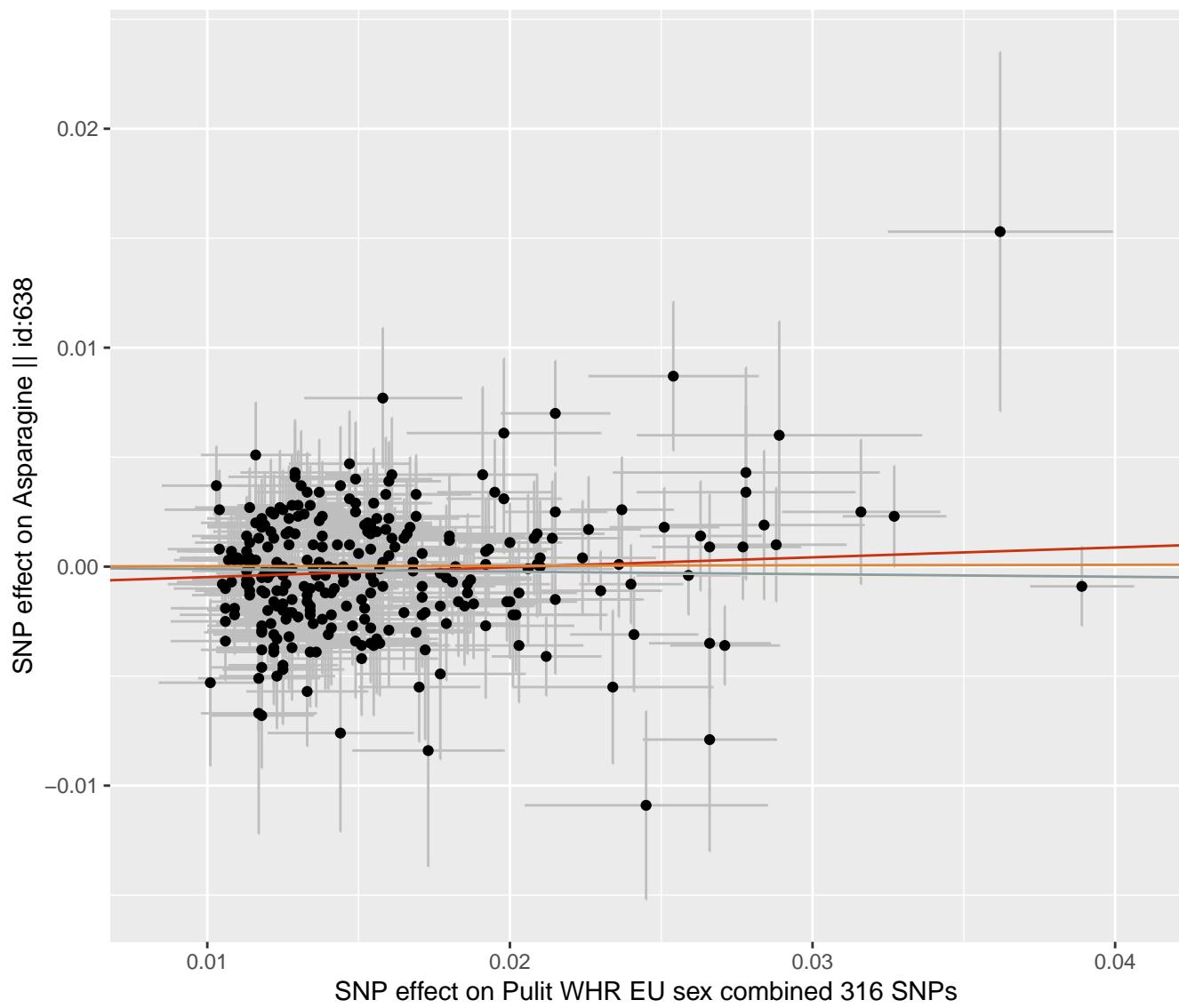
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



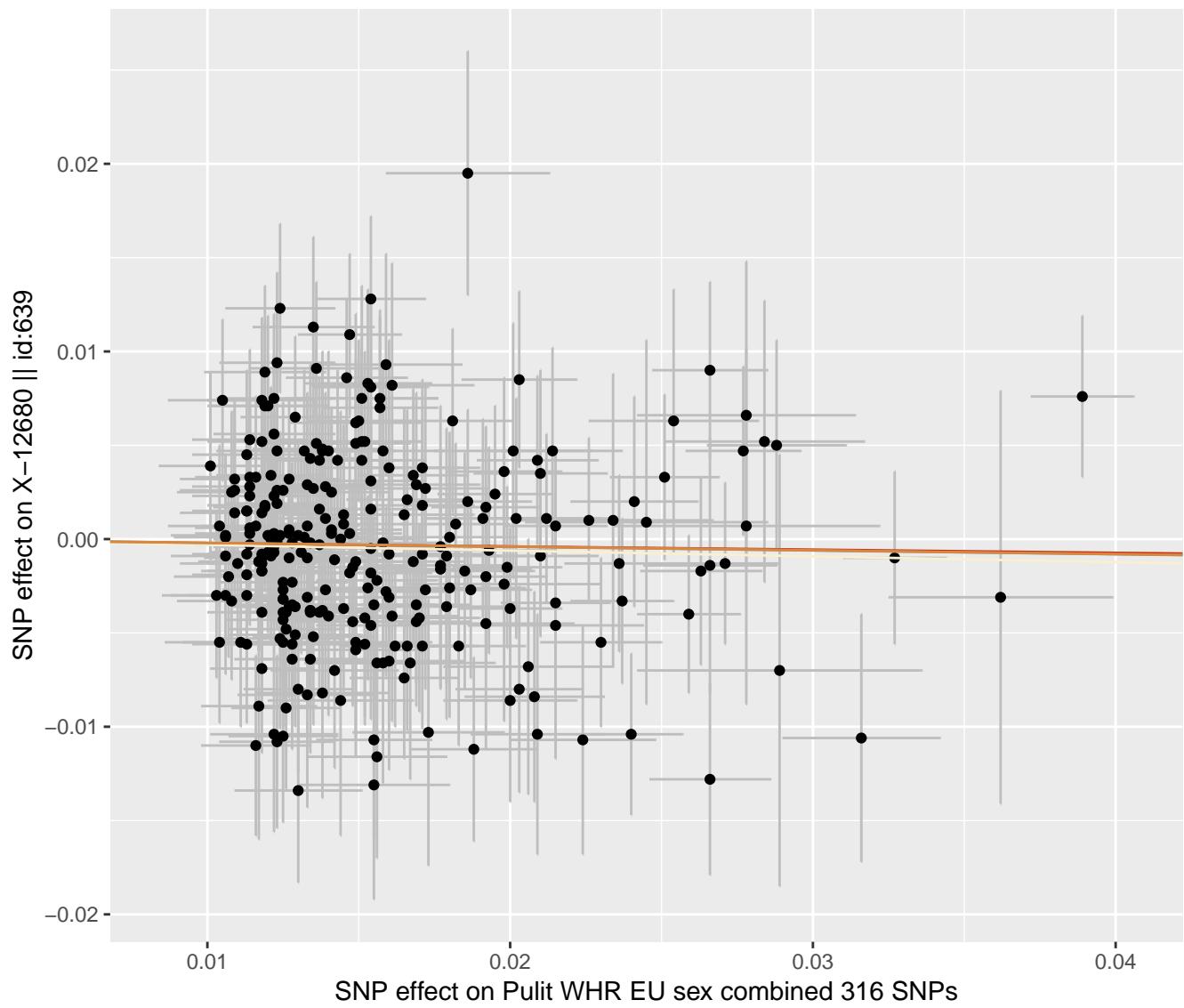
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



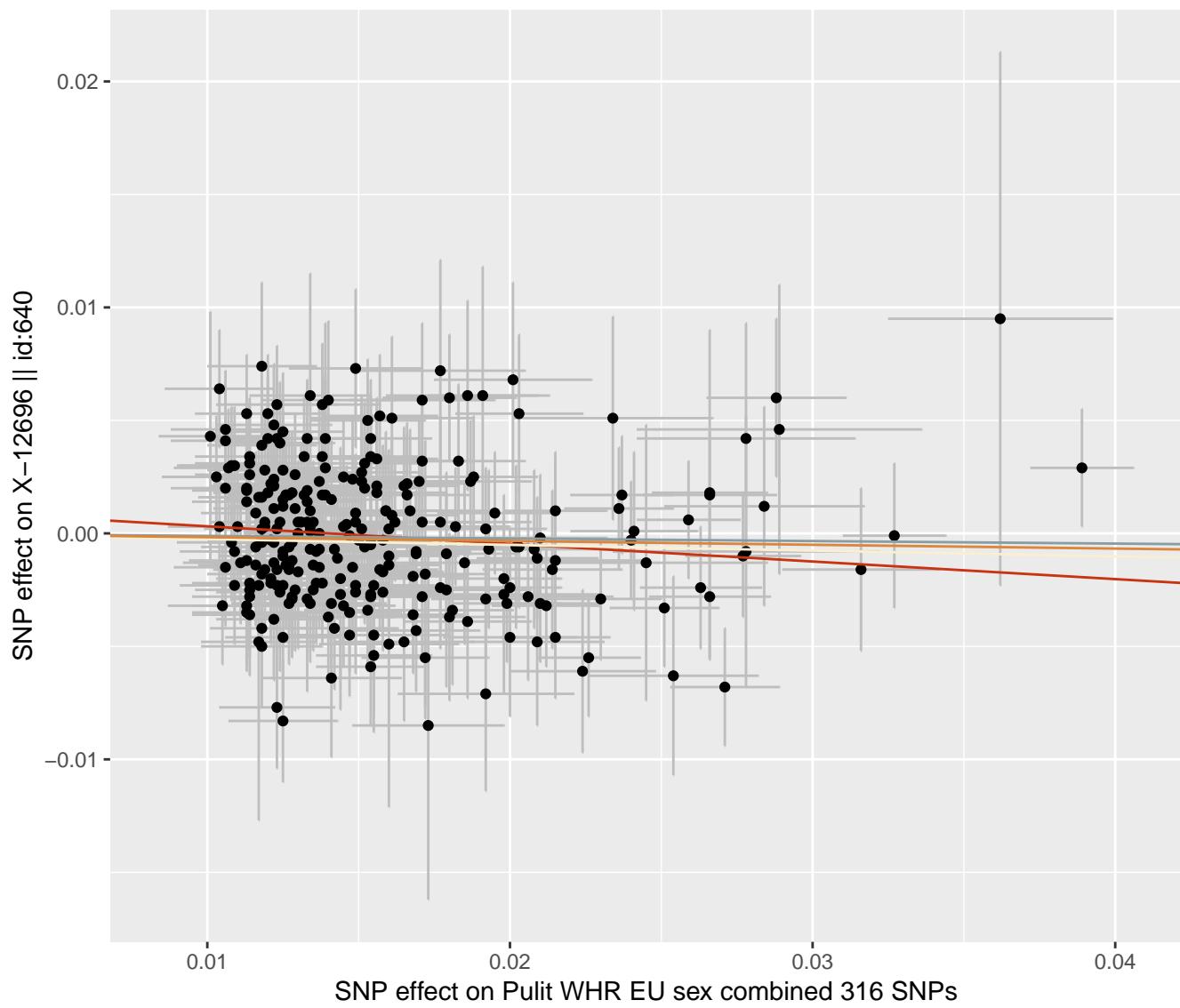
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-12704 || id:641

0.025

0.000

-0.025

-0.050

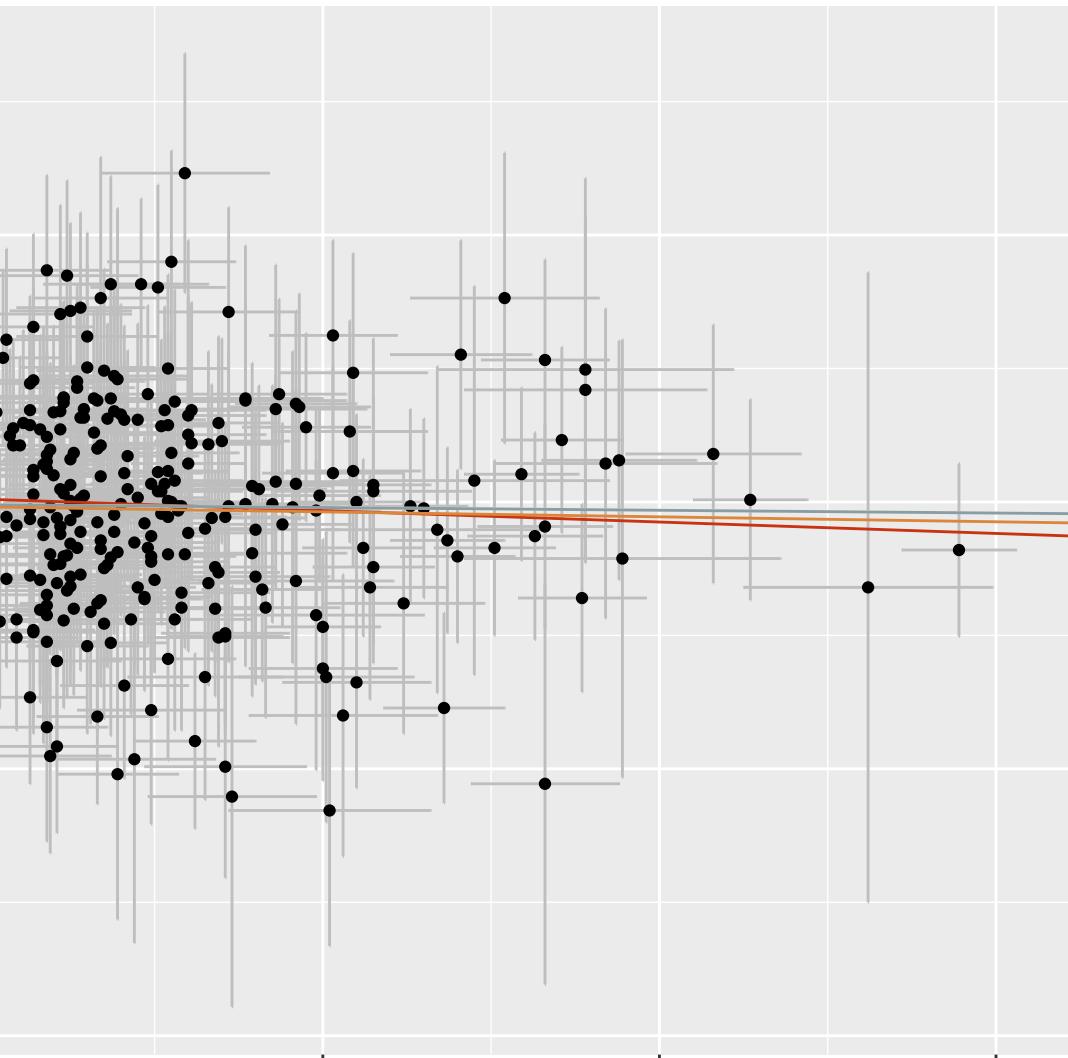
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



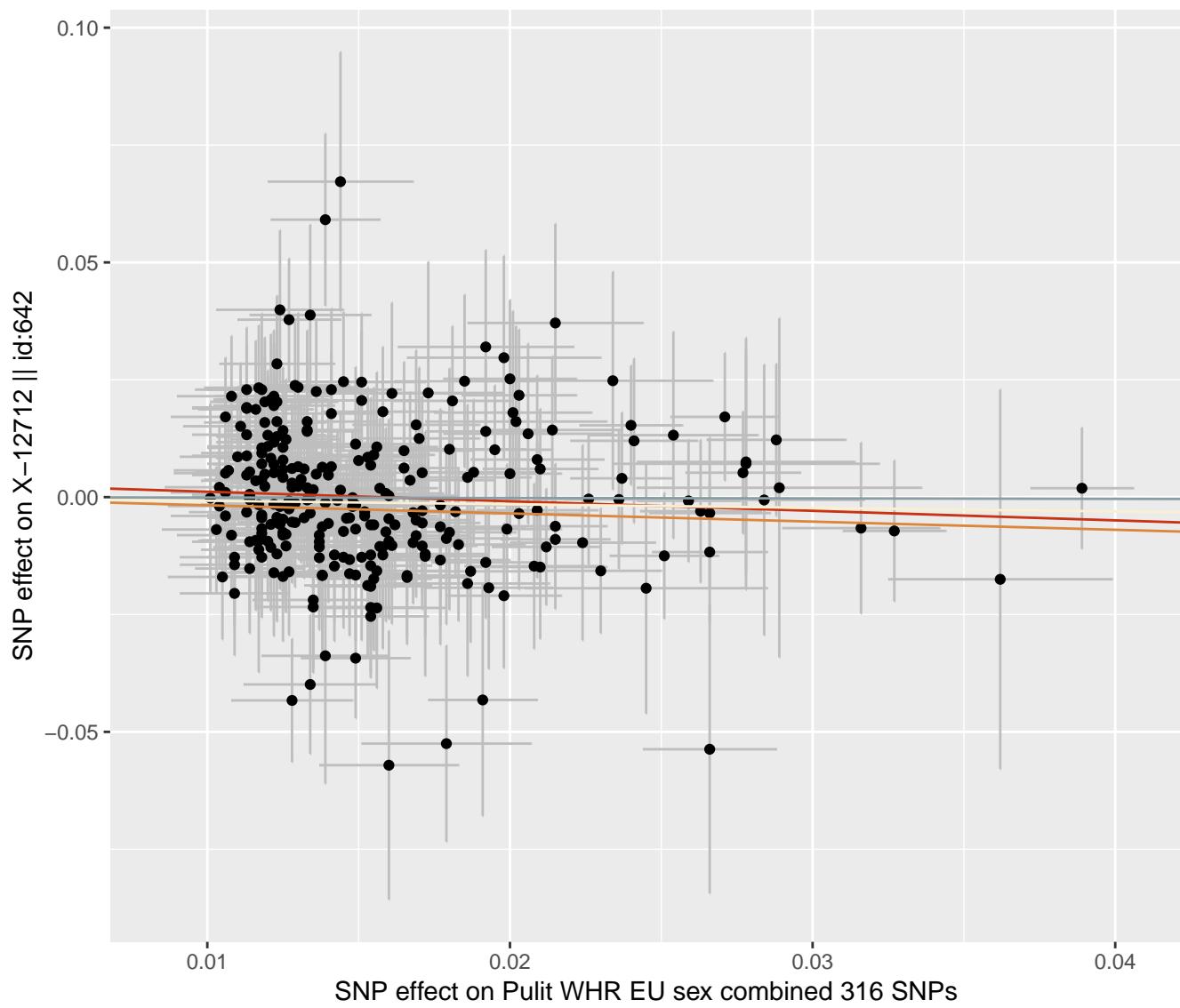
MR Egger



Weighted median

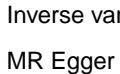


Weighted mode



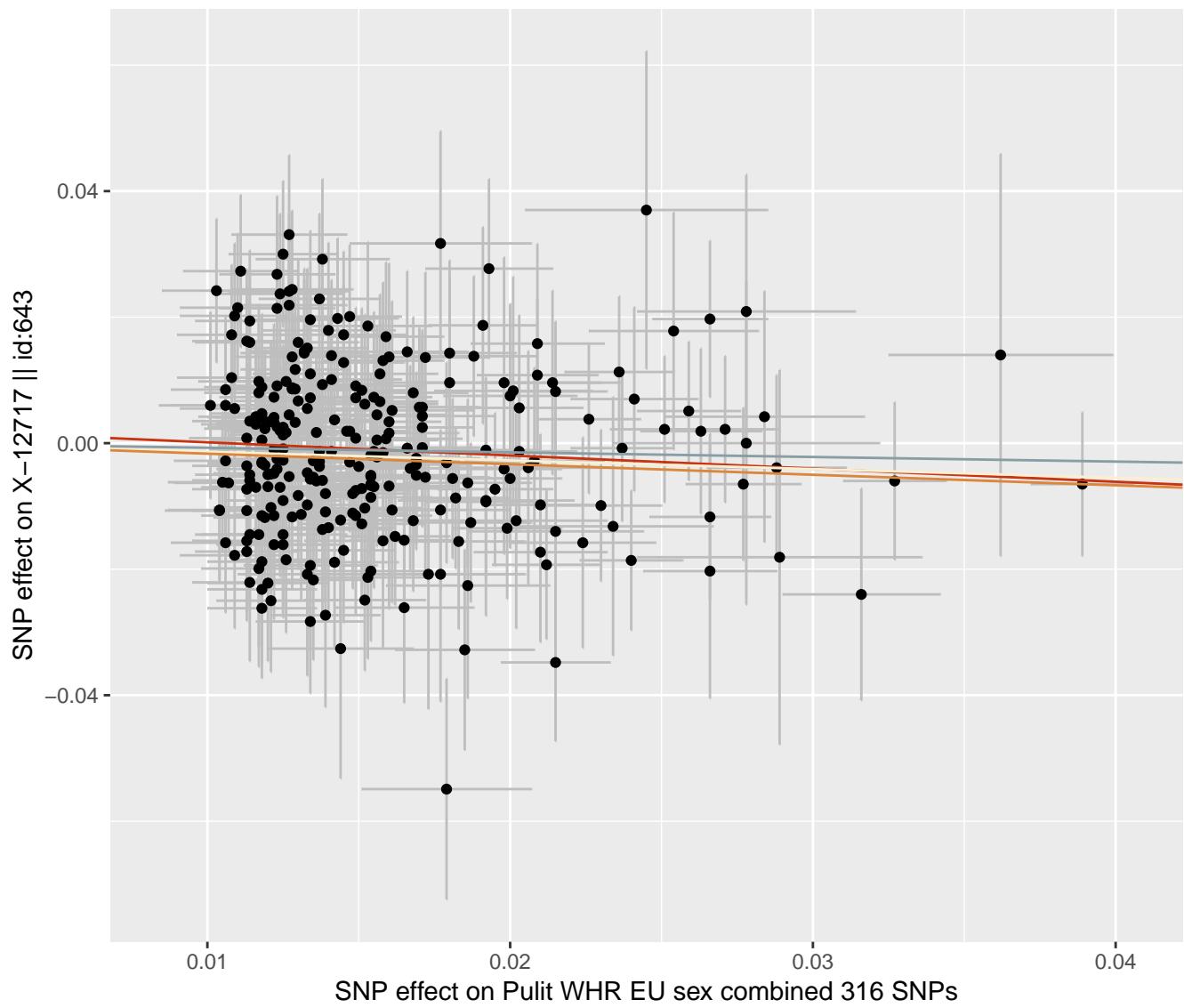
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

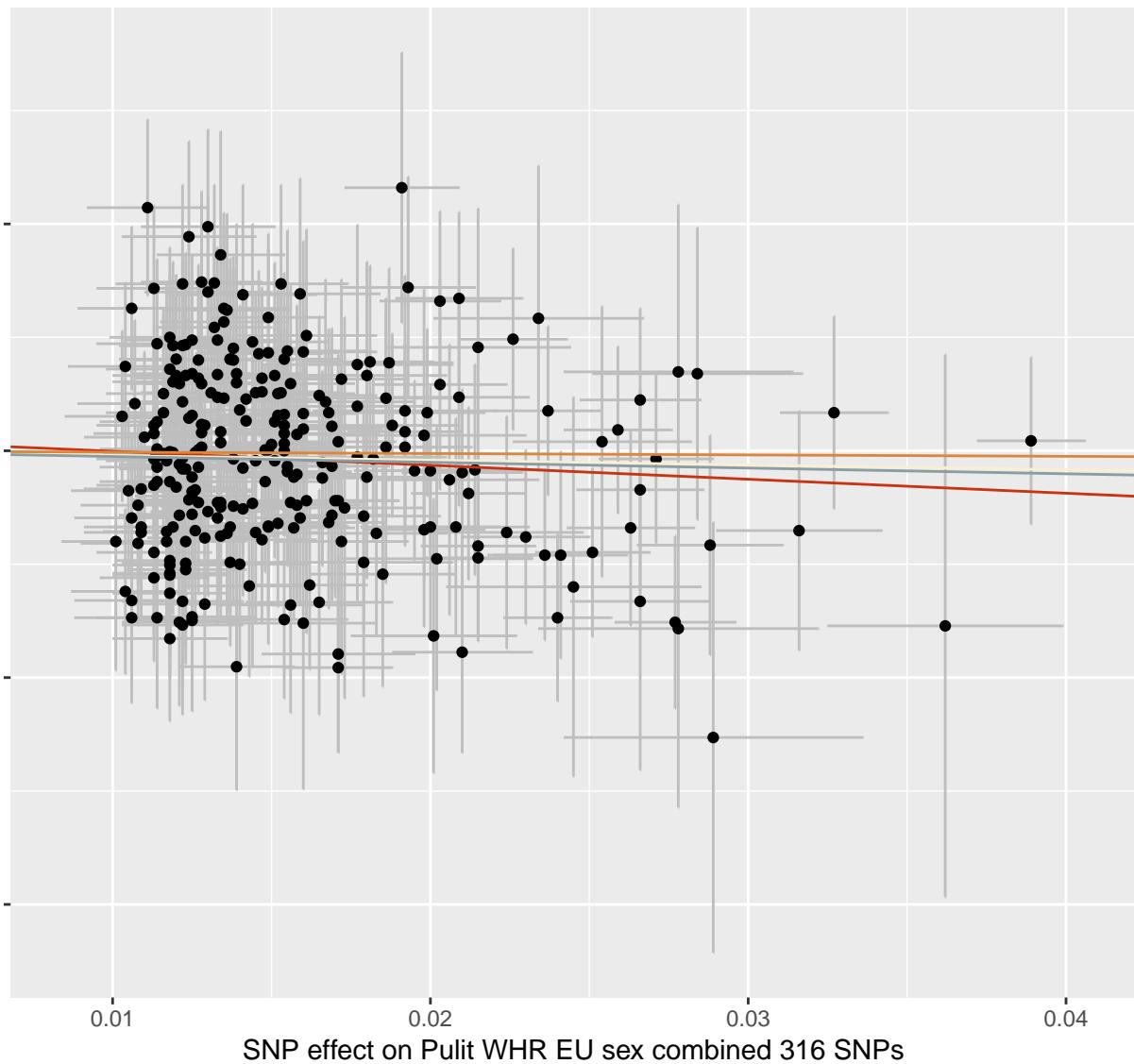


Weighted median



Weighted mode

SNP effect on X-12719 || id:644



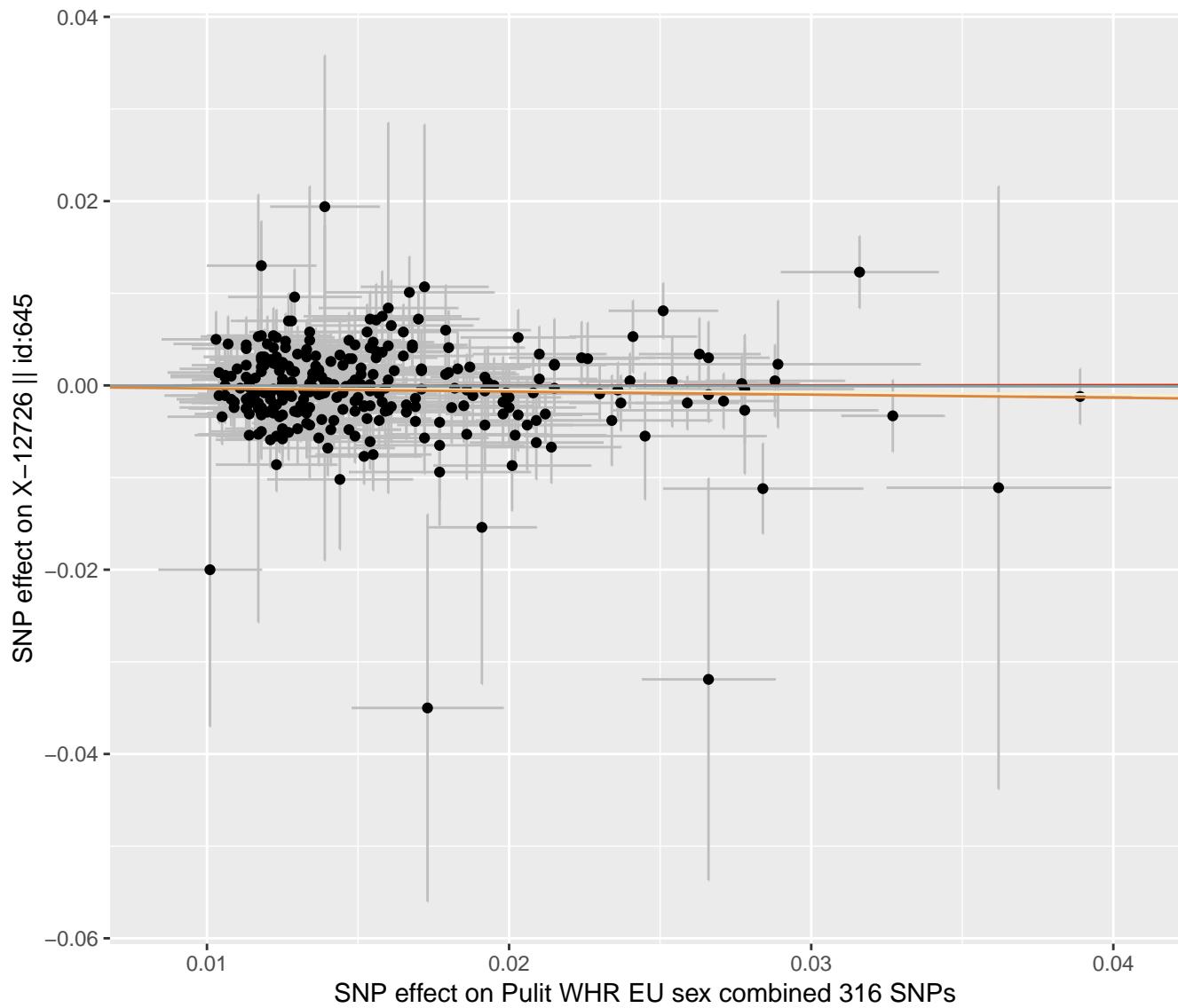
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



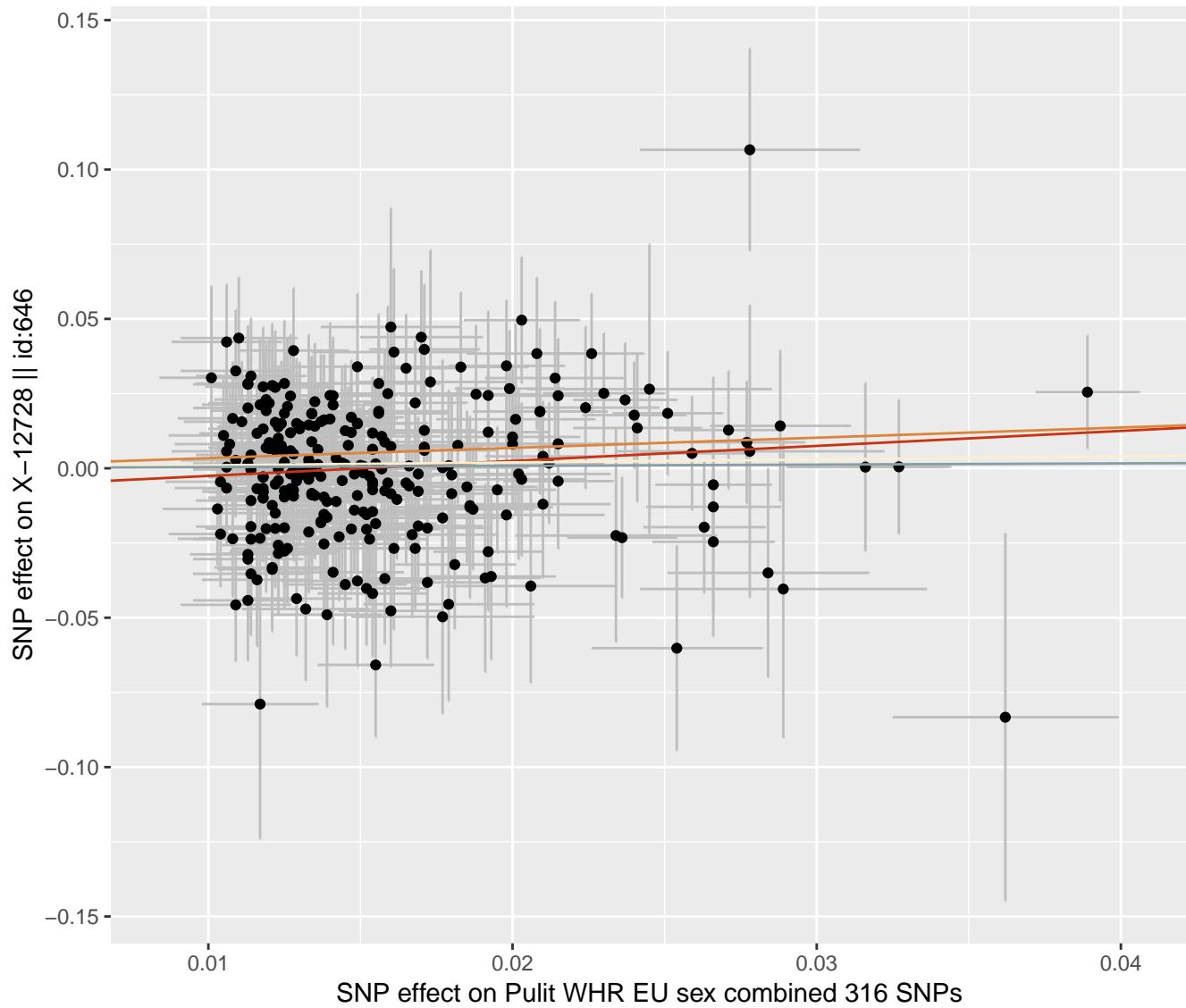
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



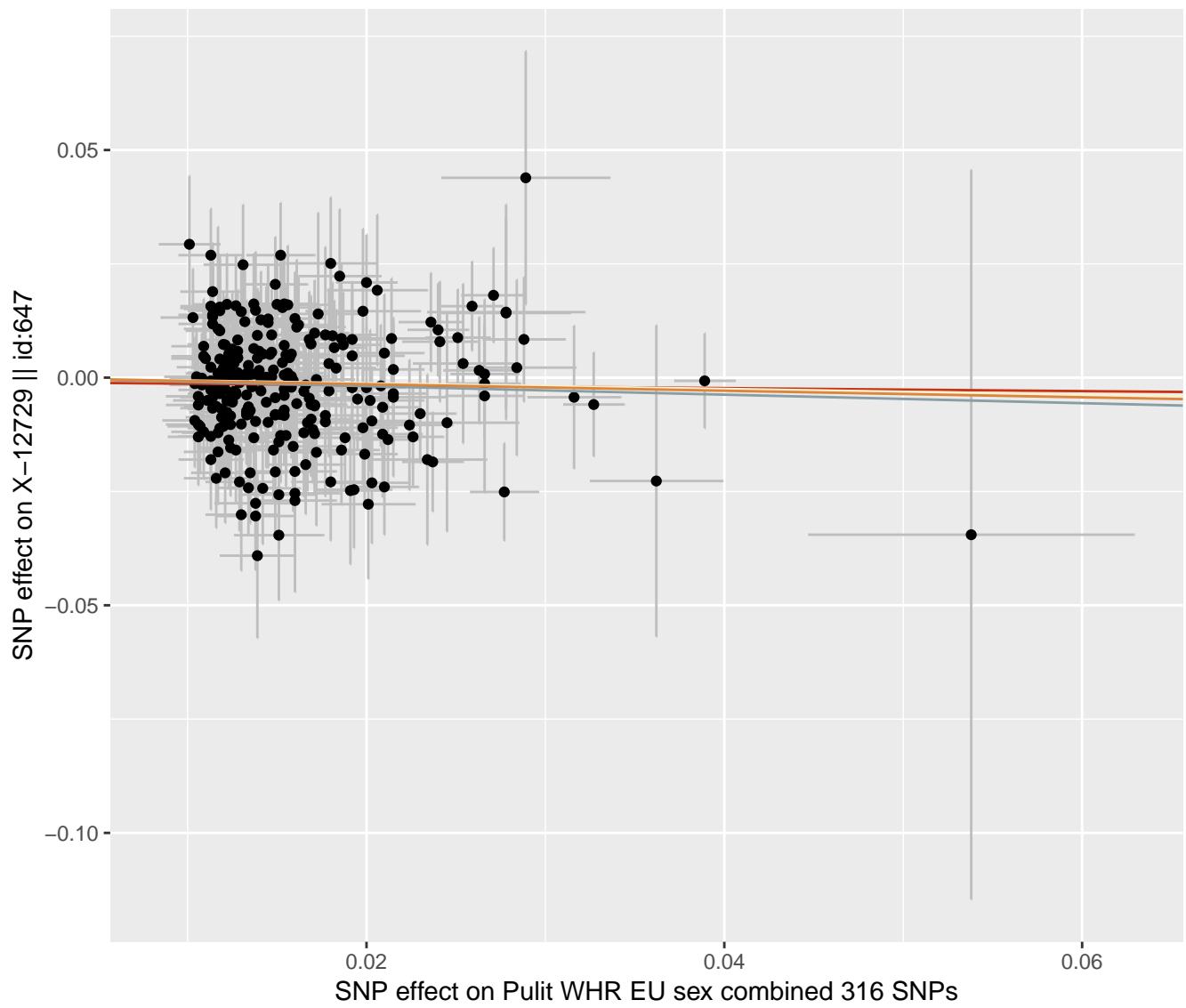
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



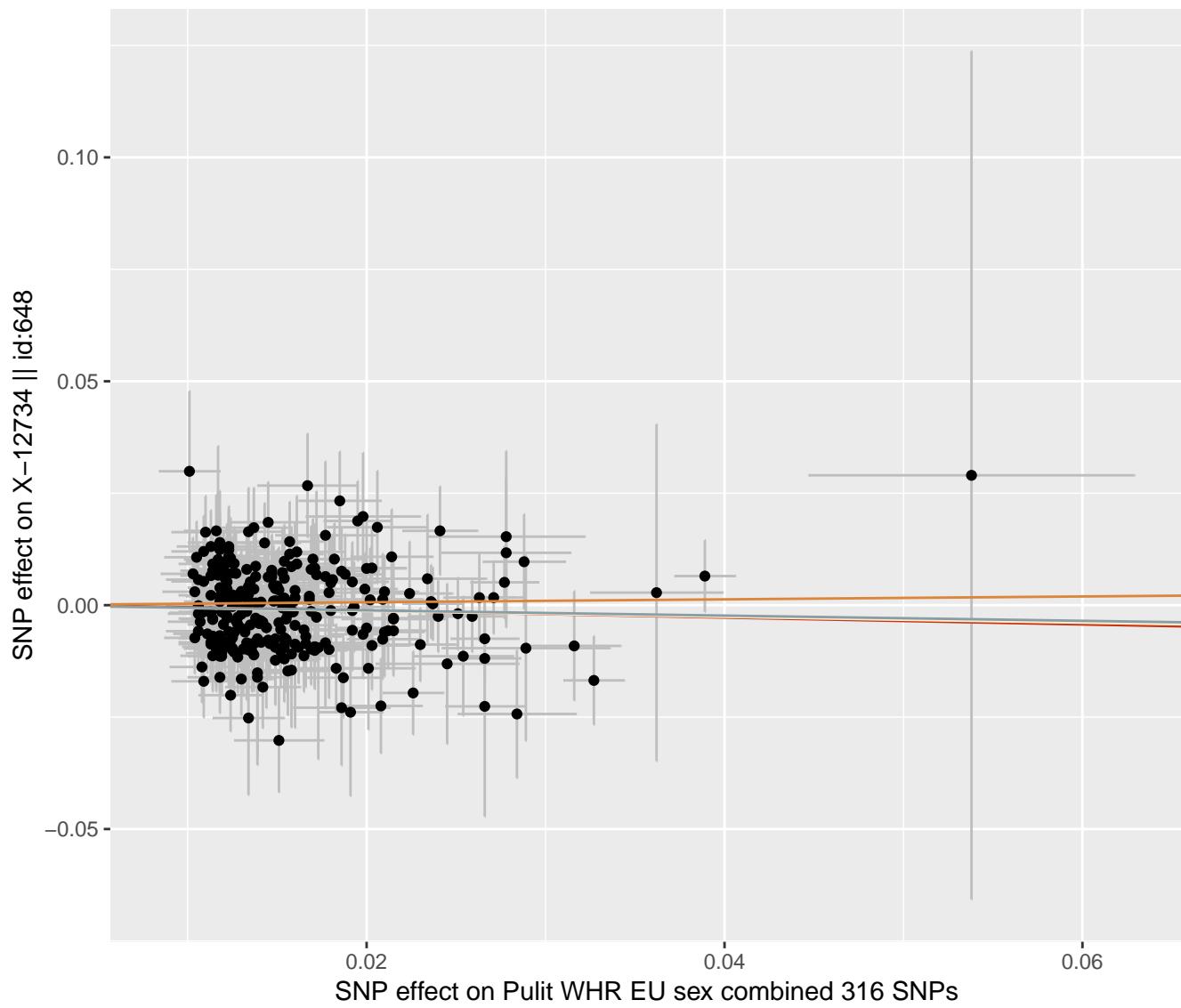
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



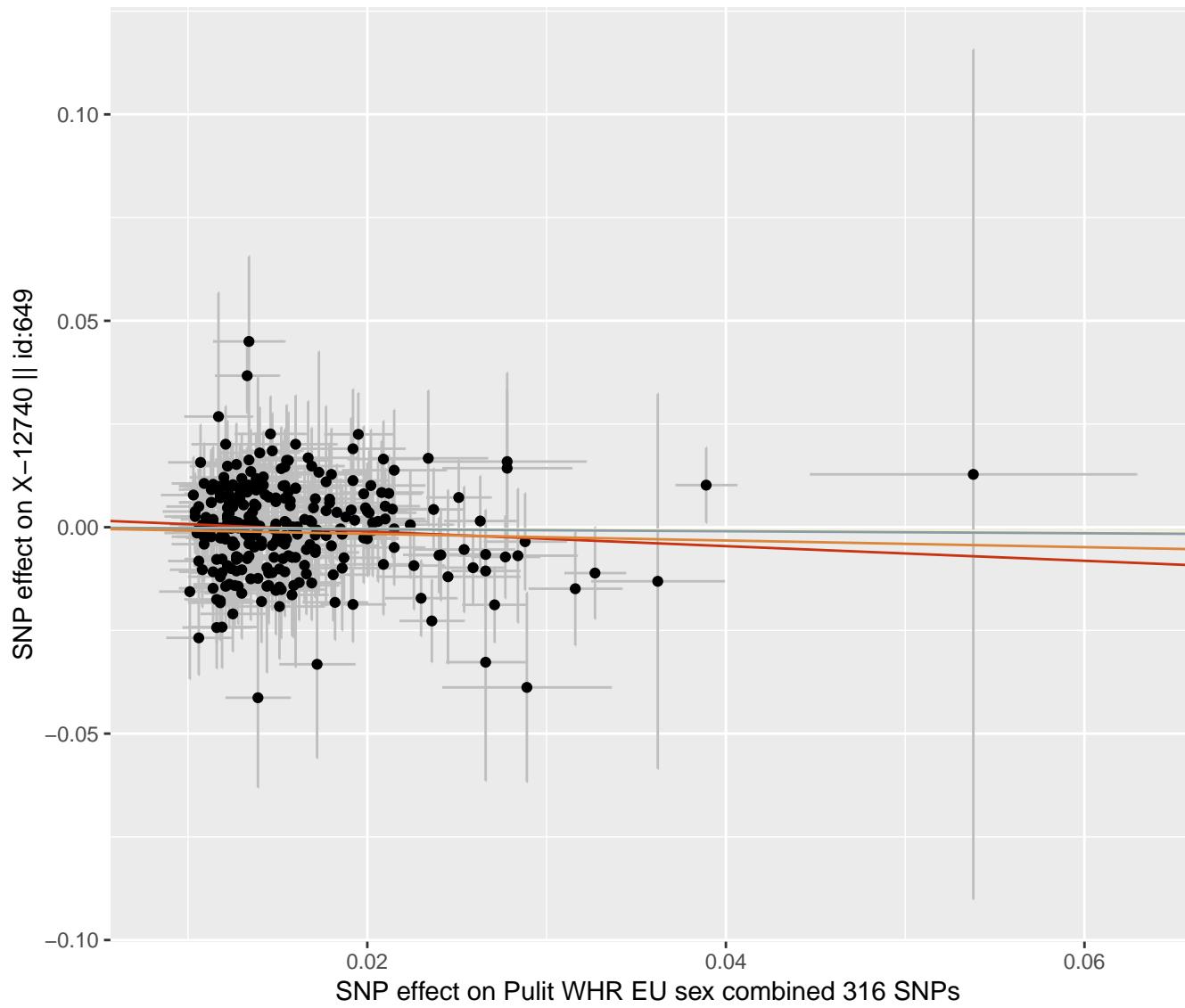
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



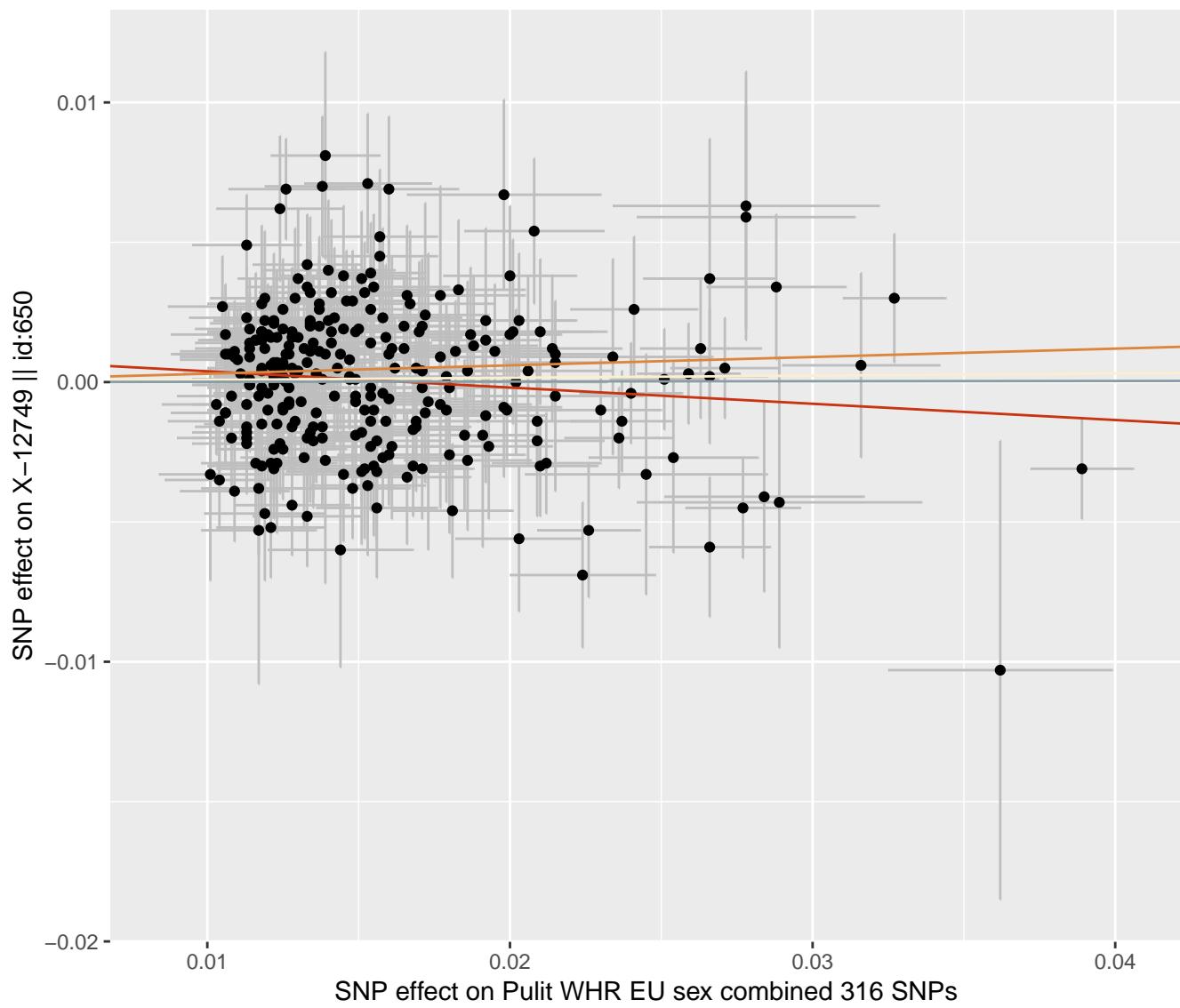
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



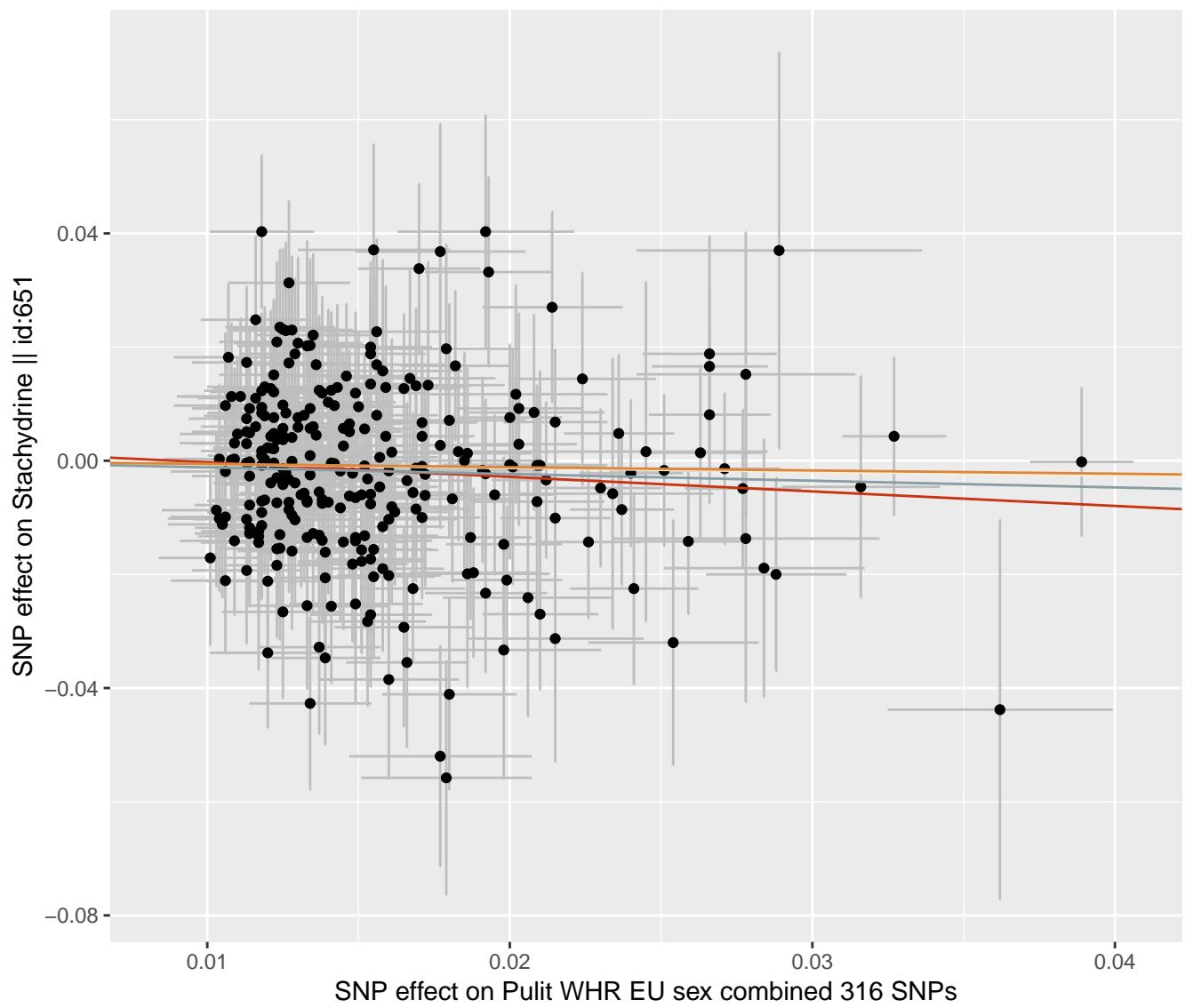
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

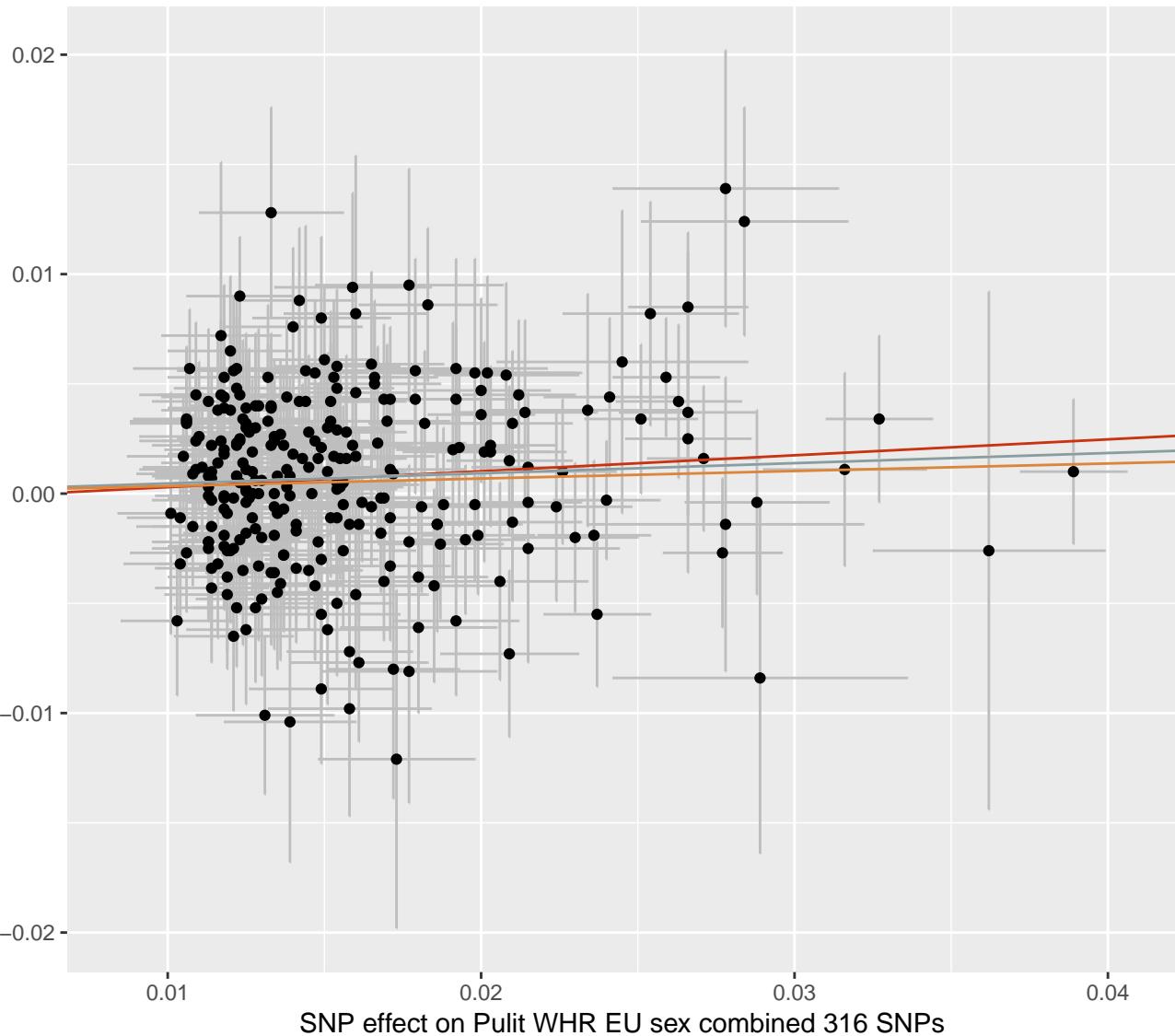


Weighted median



Weighted mode

SNP effect on Isovalerylcarnitine || id:652



MR Test



Inverse variance weighted (multiplicative random effects)



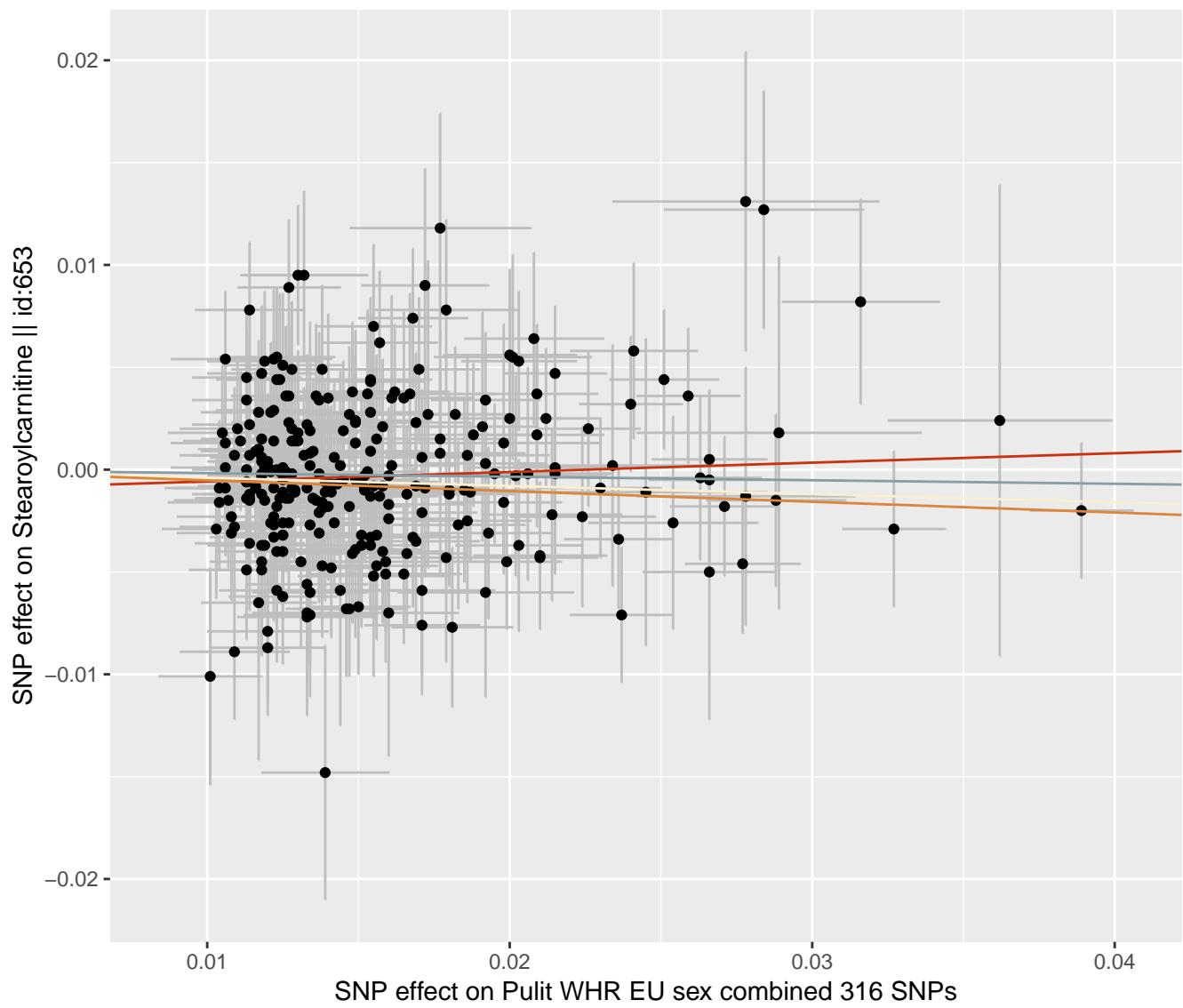
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



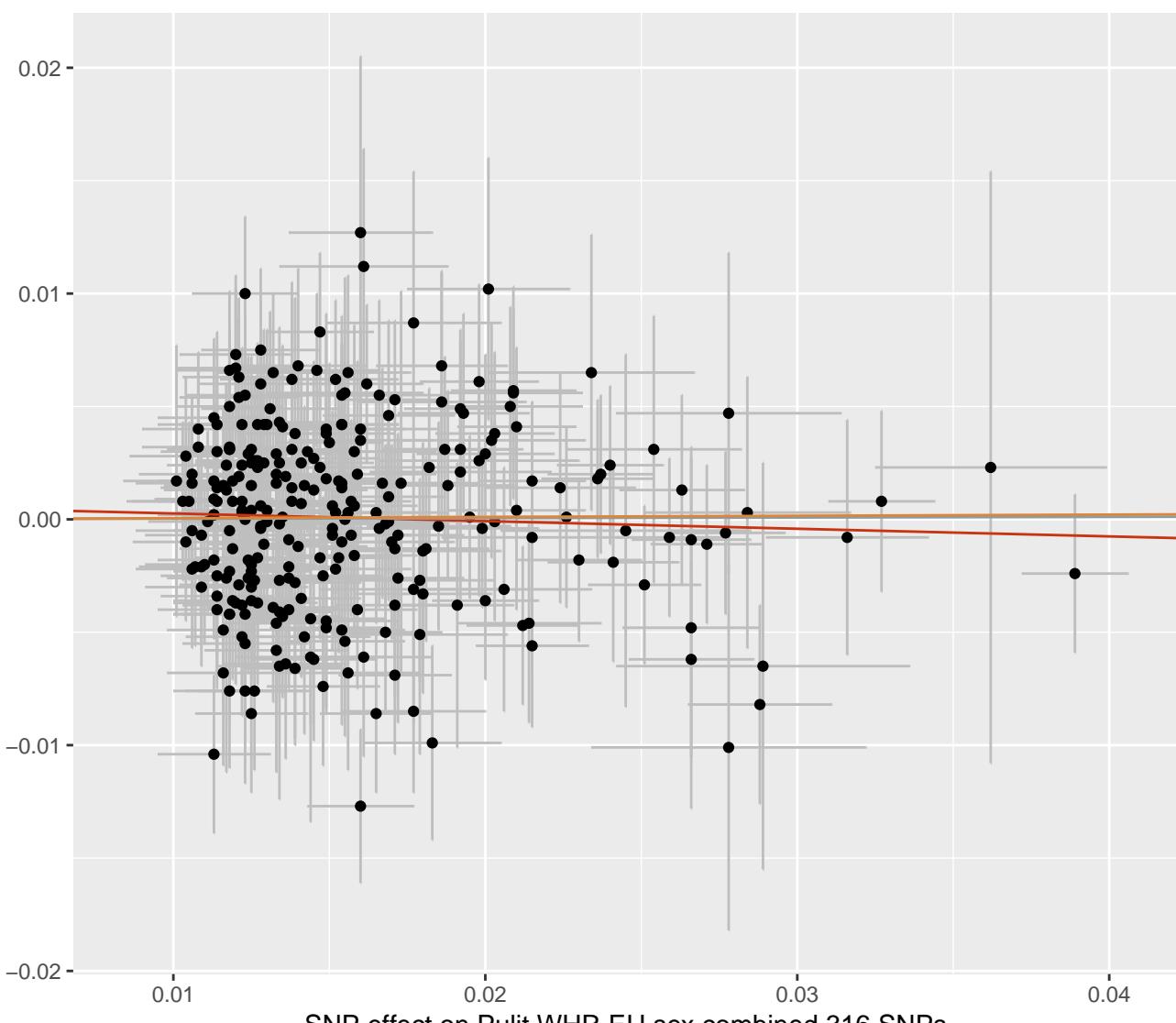
Weighted median



Weighted mode

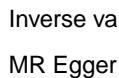
SNP effect on 1-stearoylglycerophosphoethanolamine || id:654

1

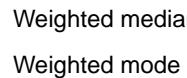


MR Test

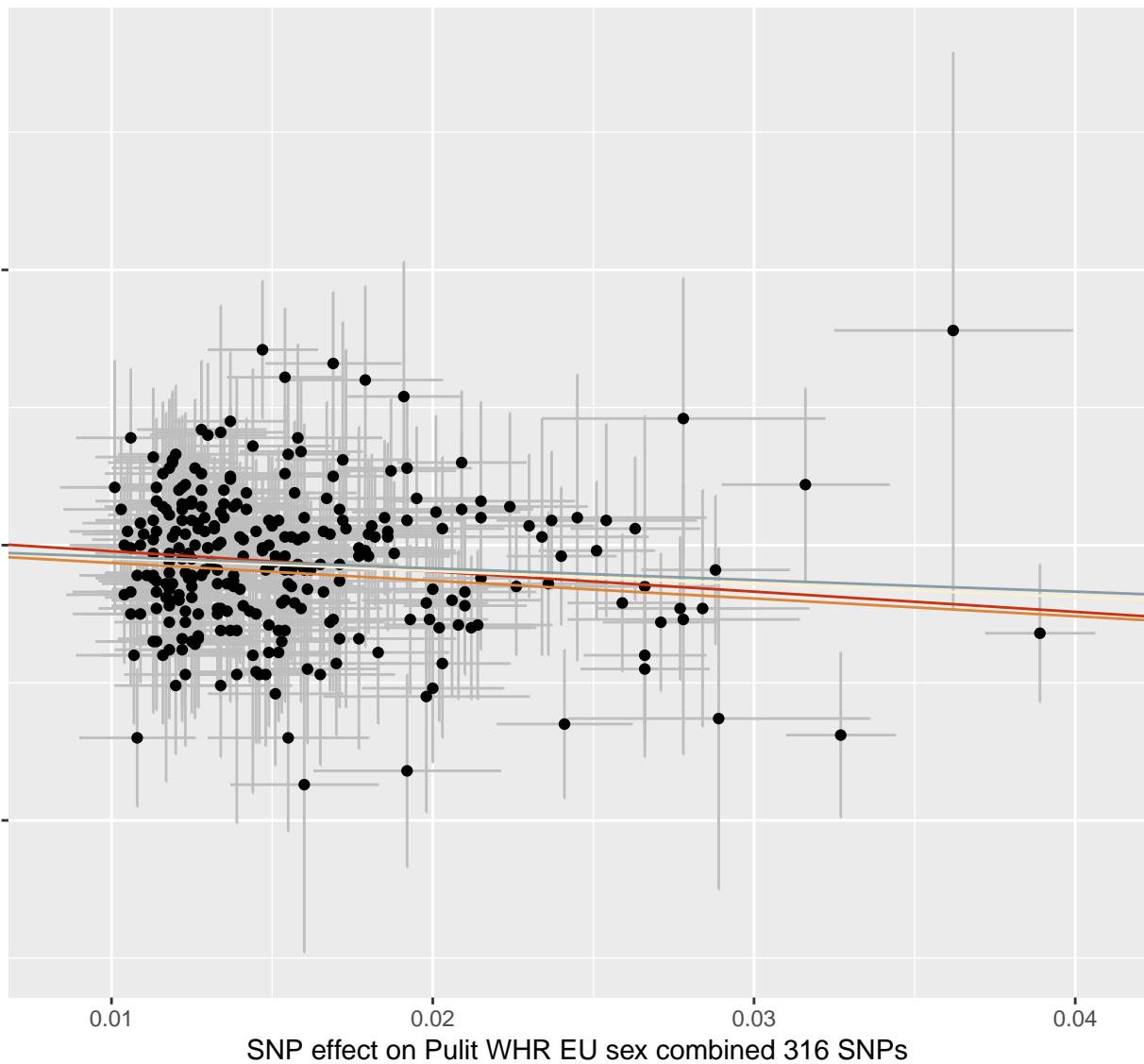
 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode

SNP effect on 1-linoleoylglycerophosphocholine || id:655



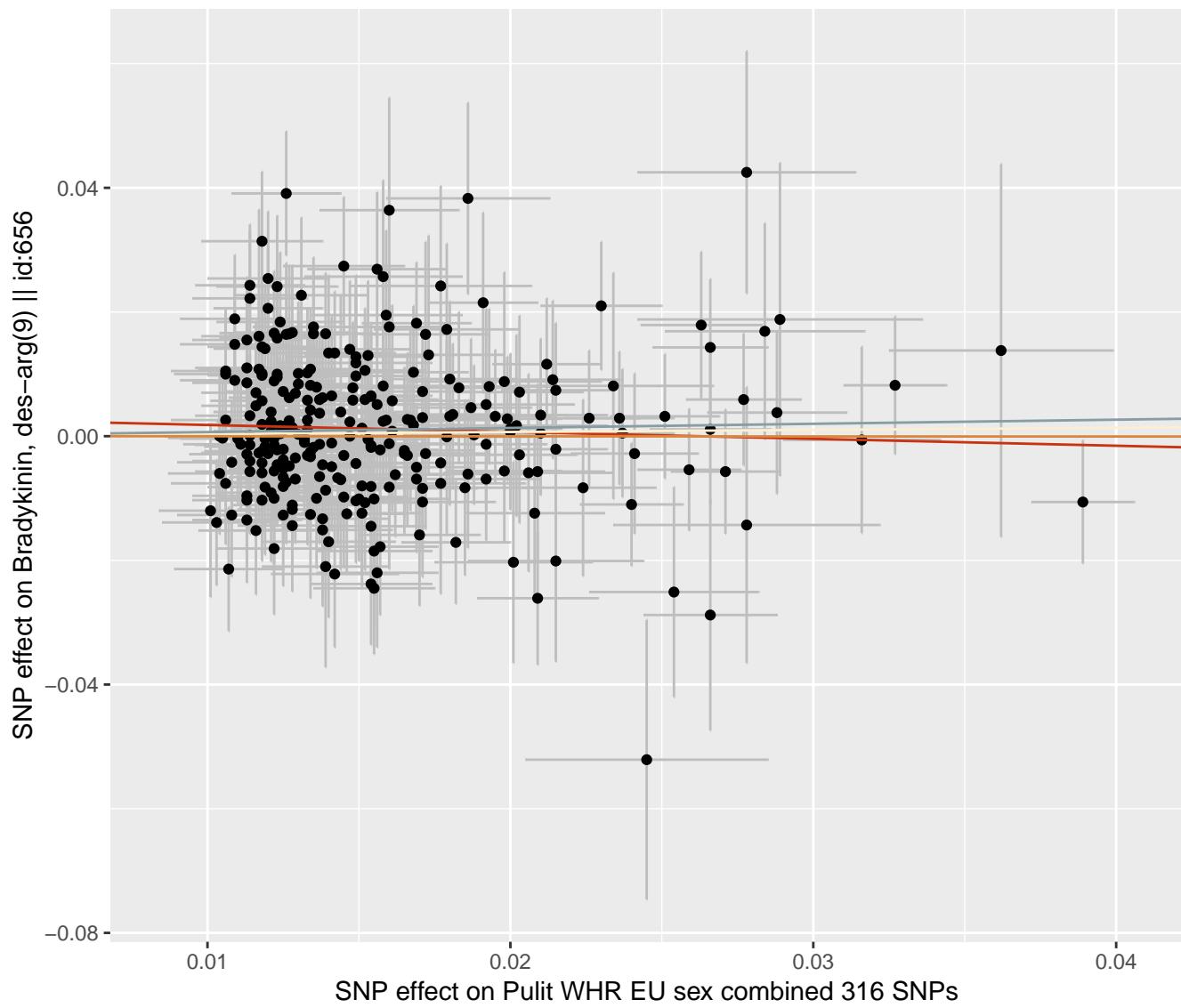
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



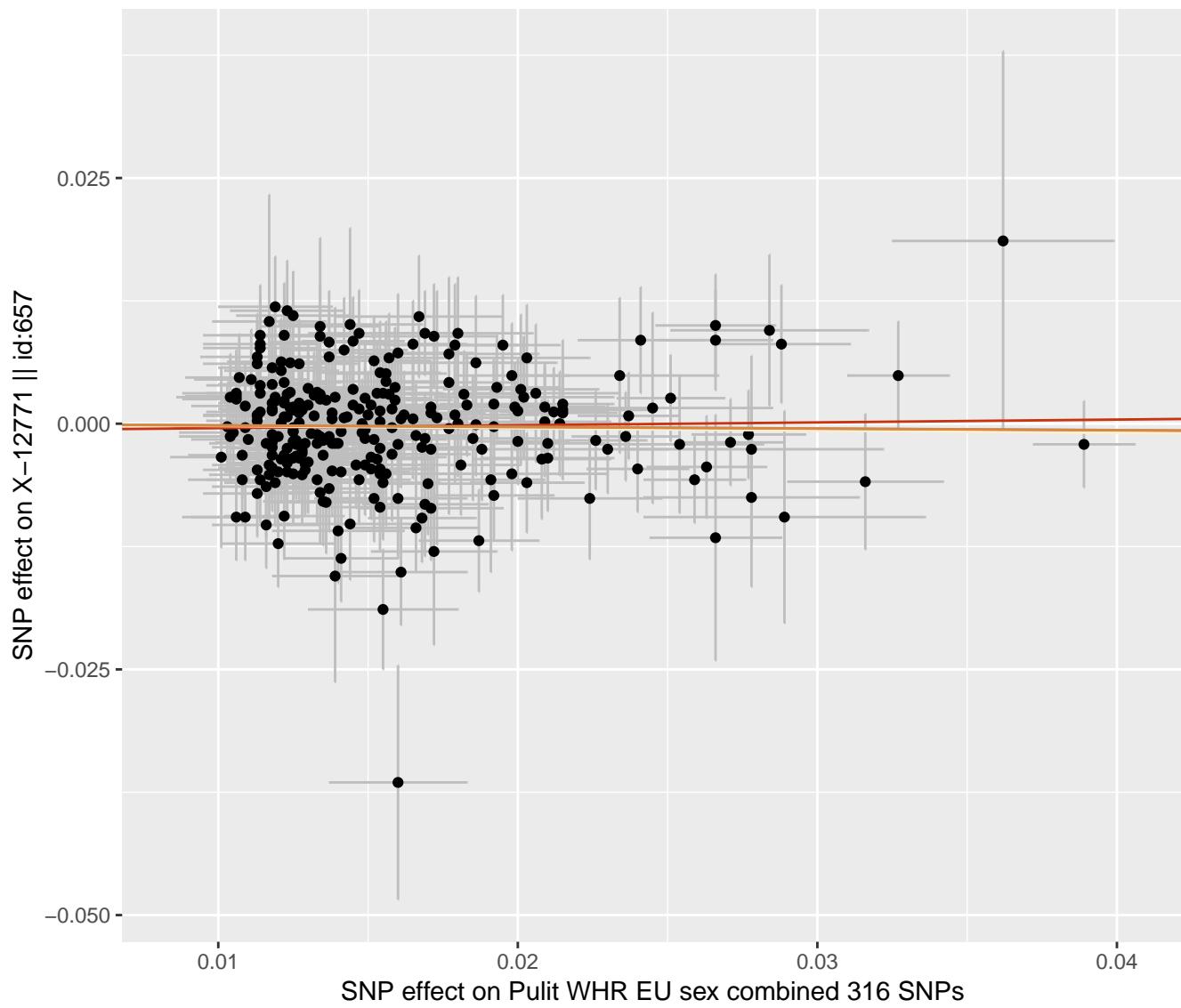
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



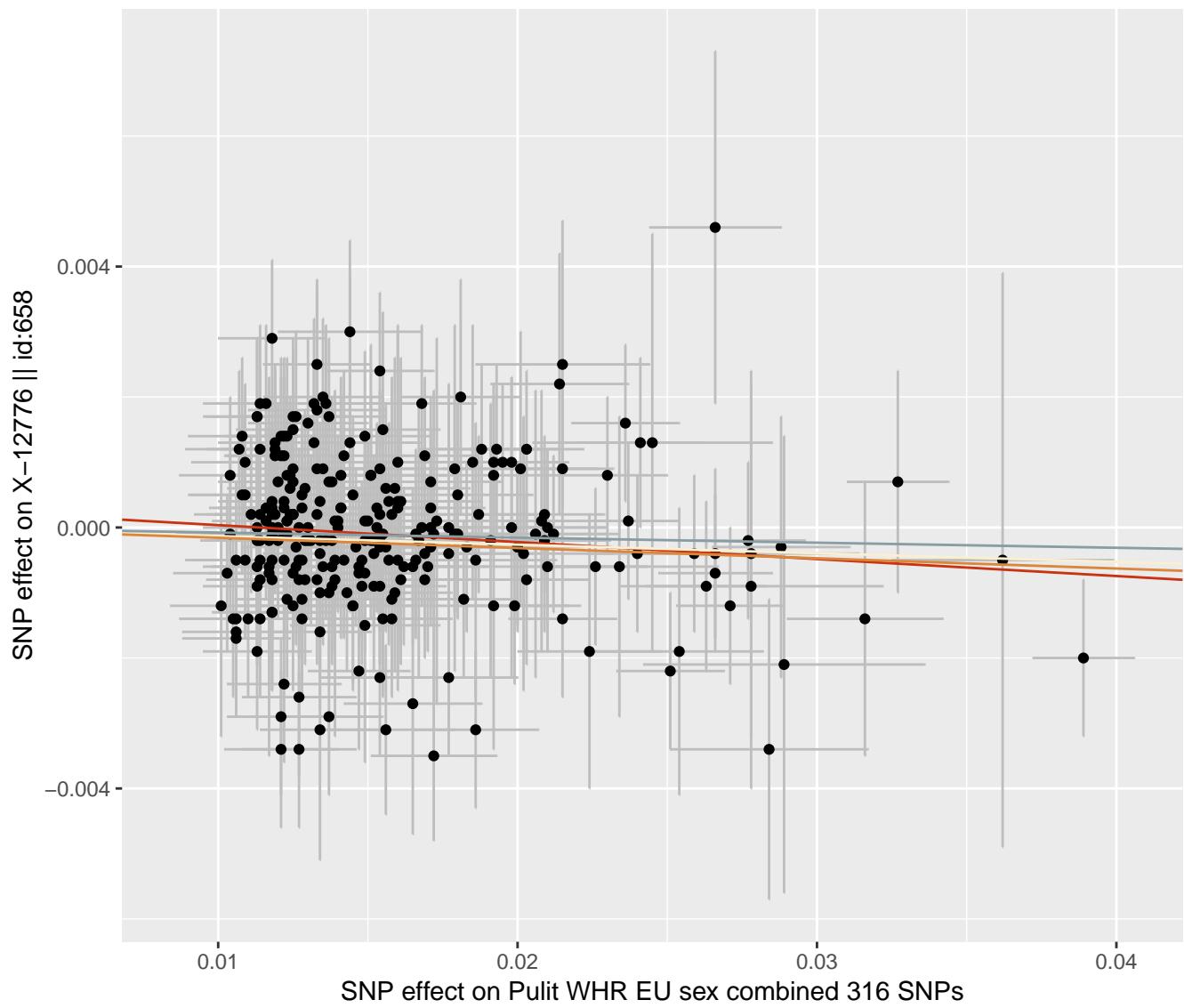
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



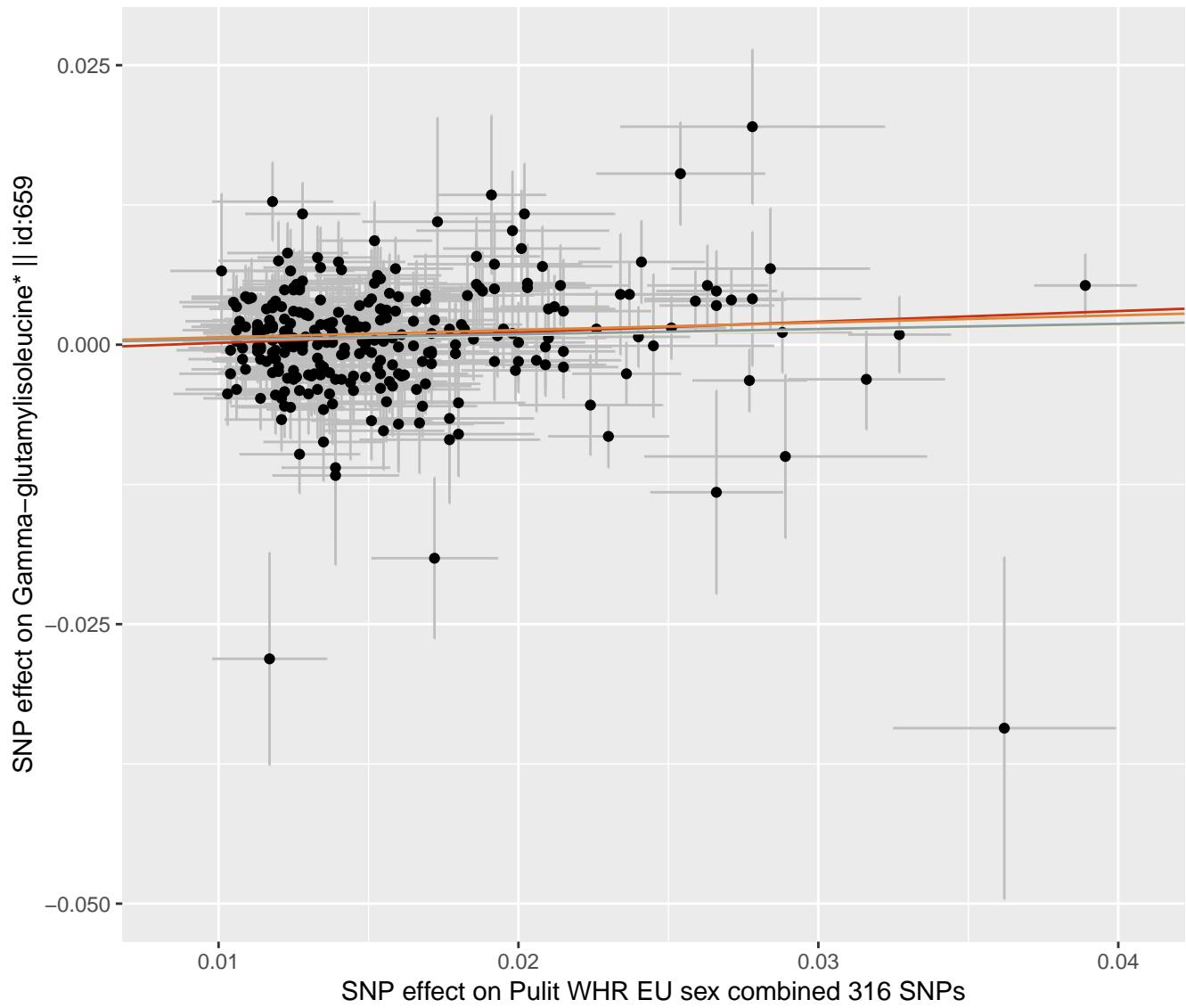
MR Egger



Weighted median



Weighted mode



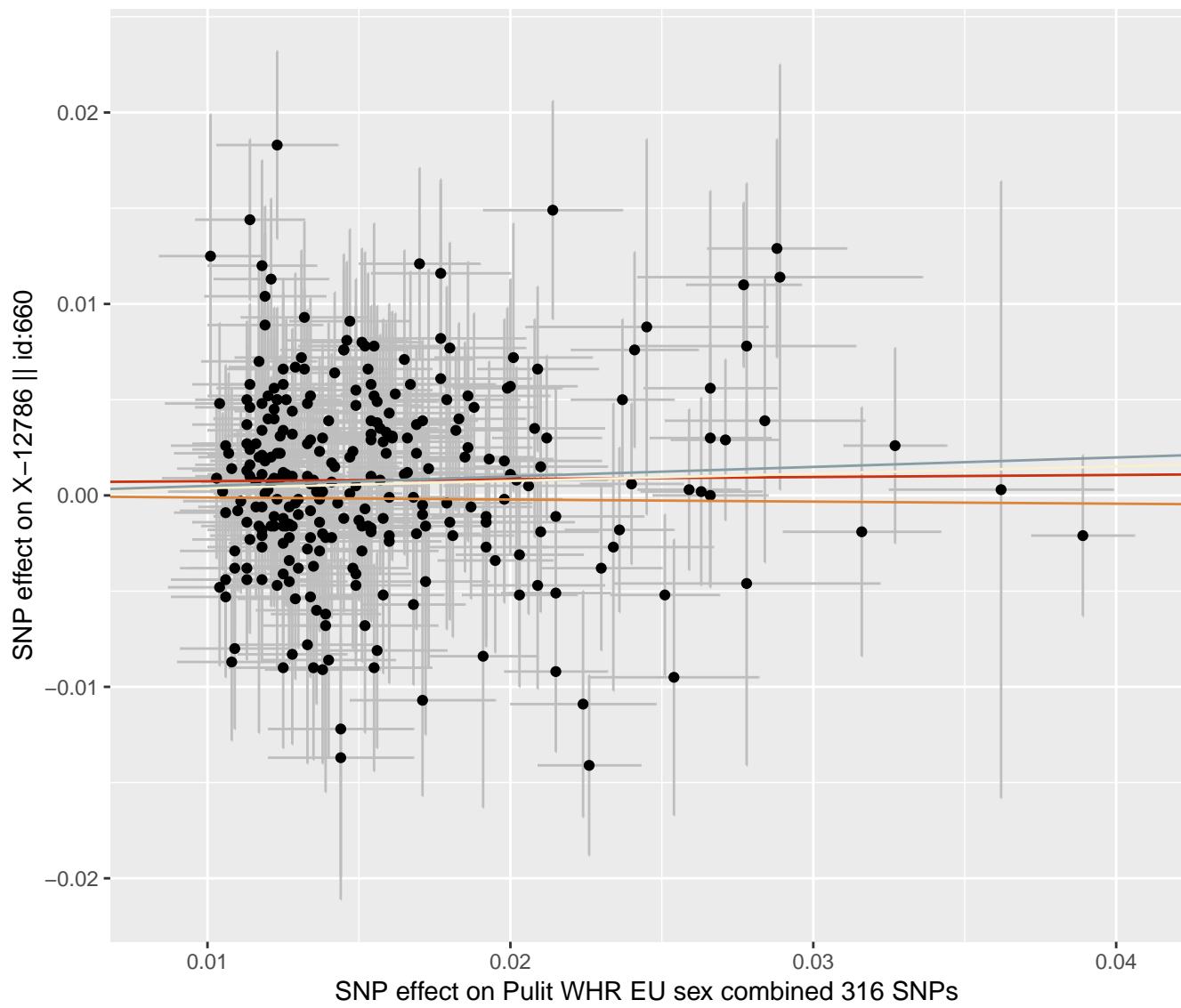
MR Test

 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 X-12798 || id:661

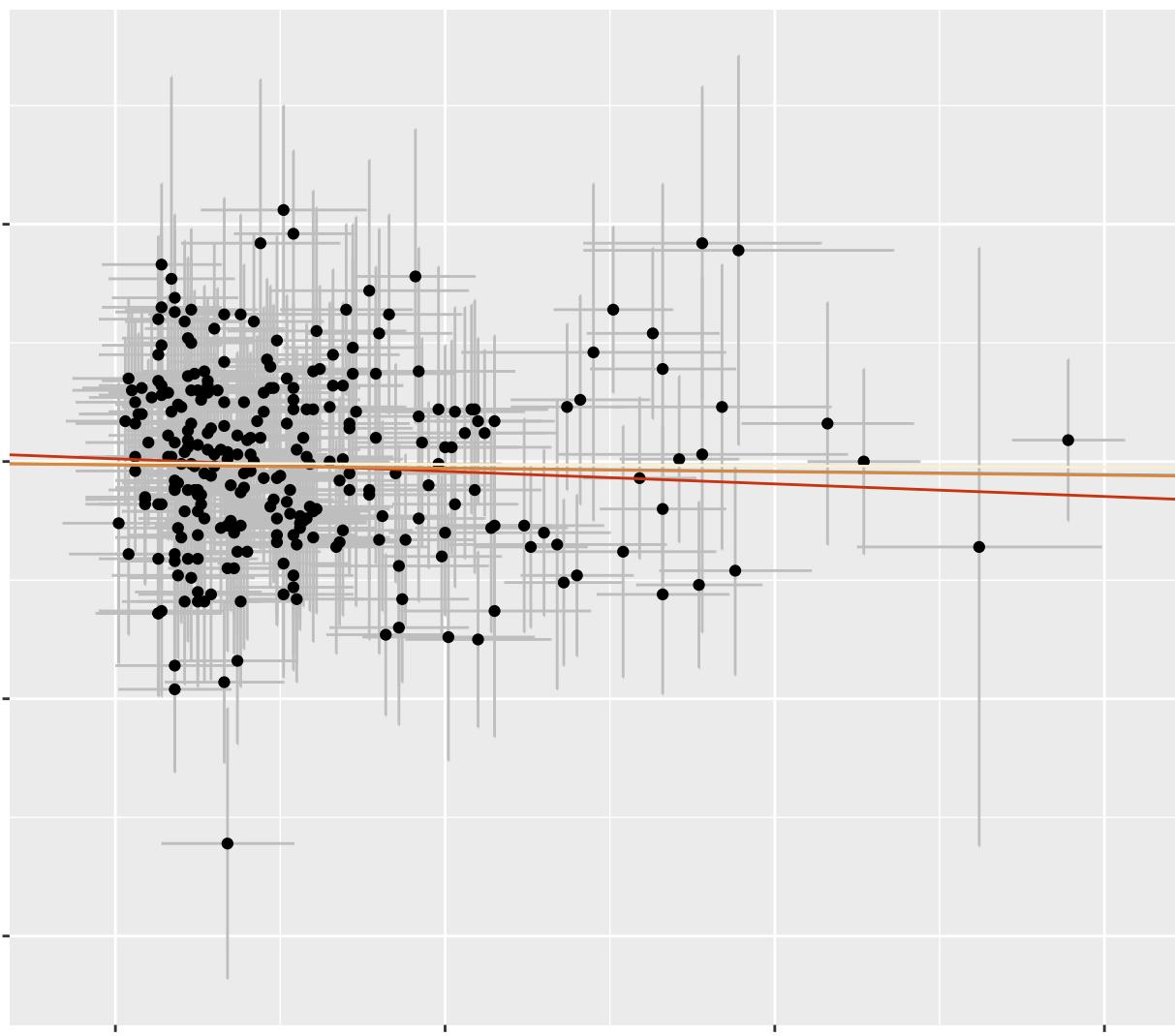
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



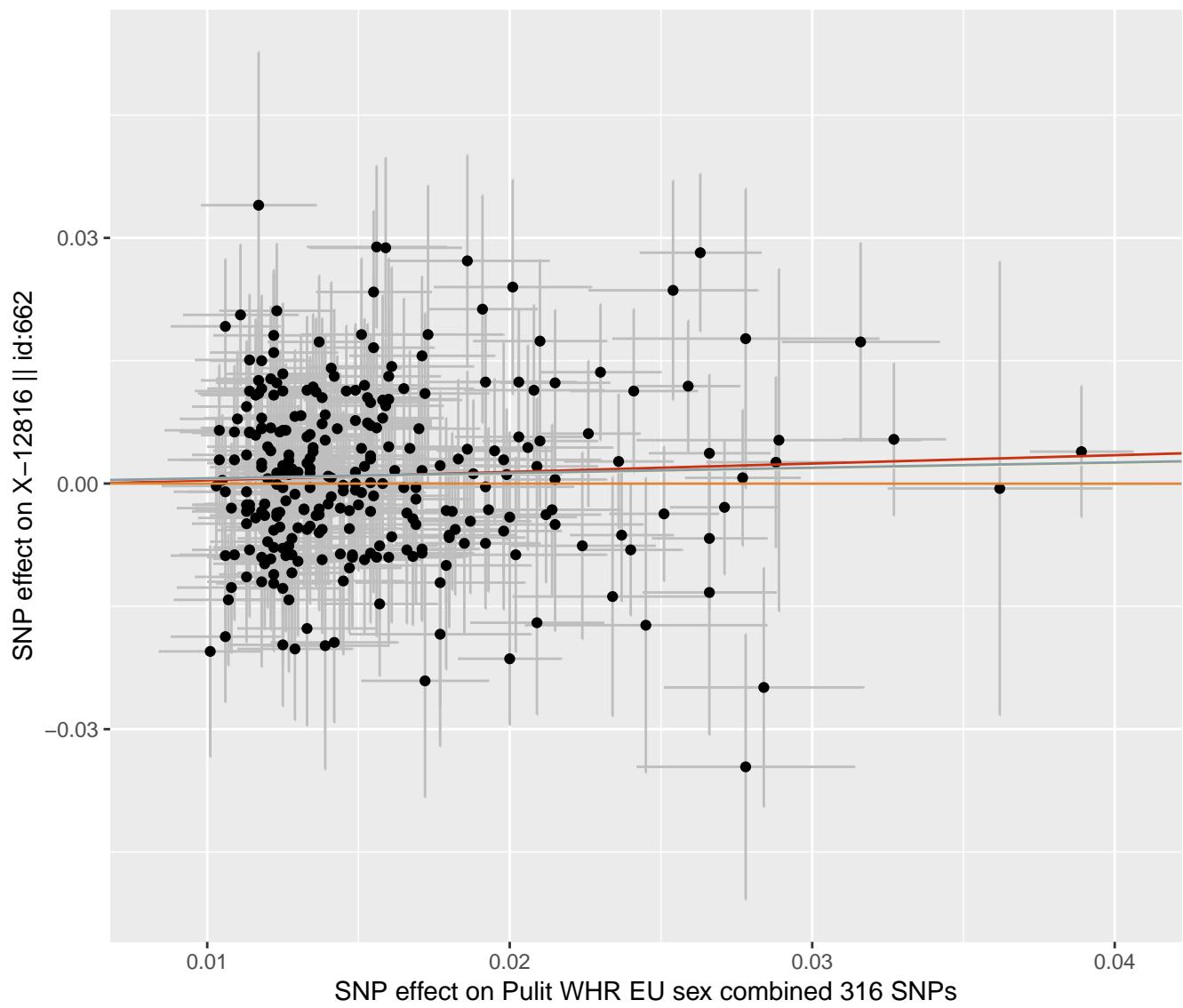
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

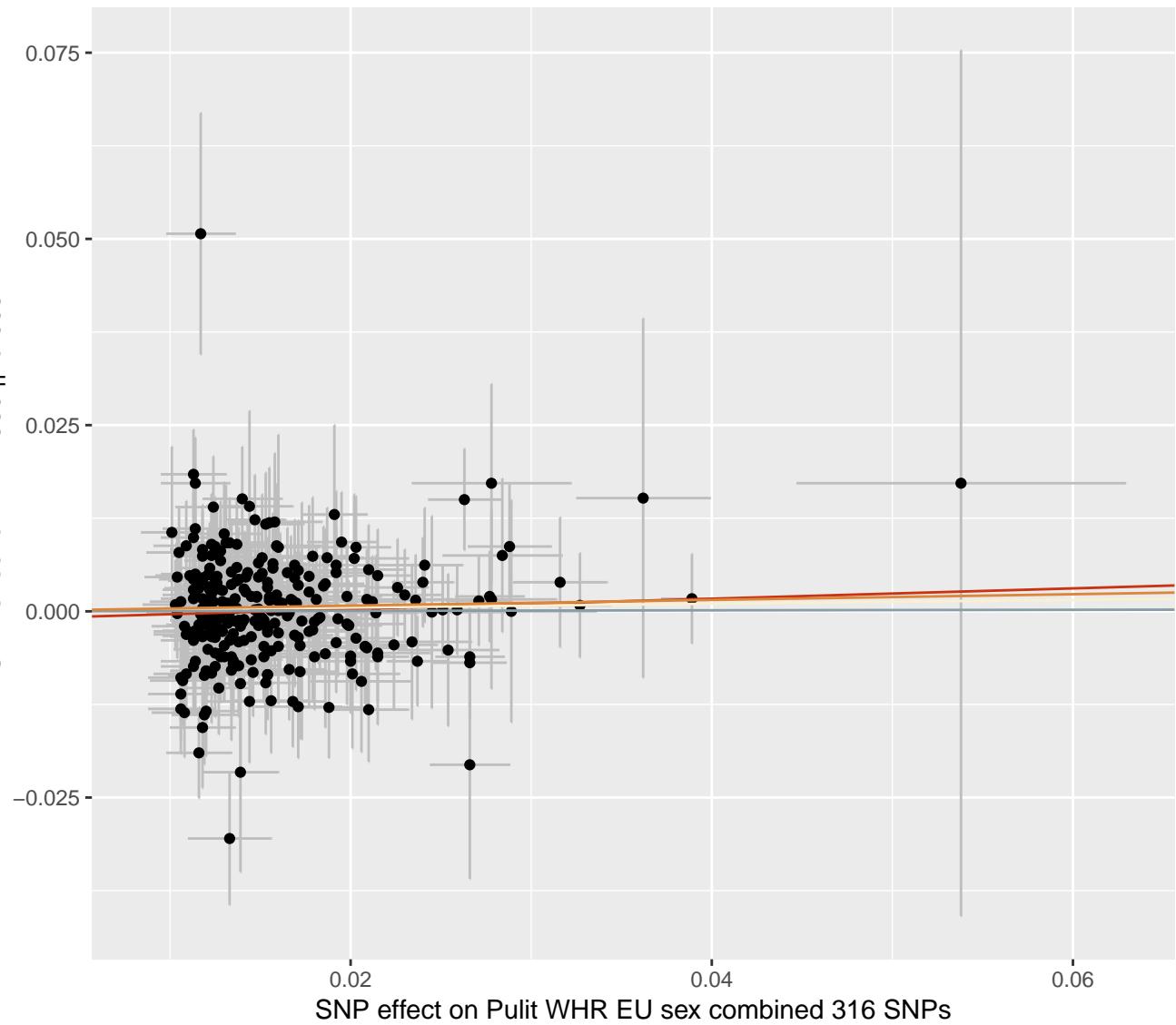


Weighted median



Weighted mode

SNP effect on X-12830 || id:663



SNP effect on Pulit WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



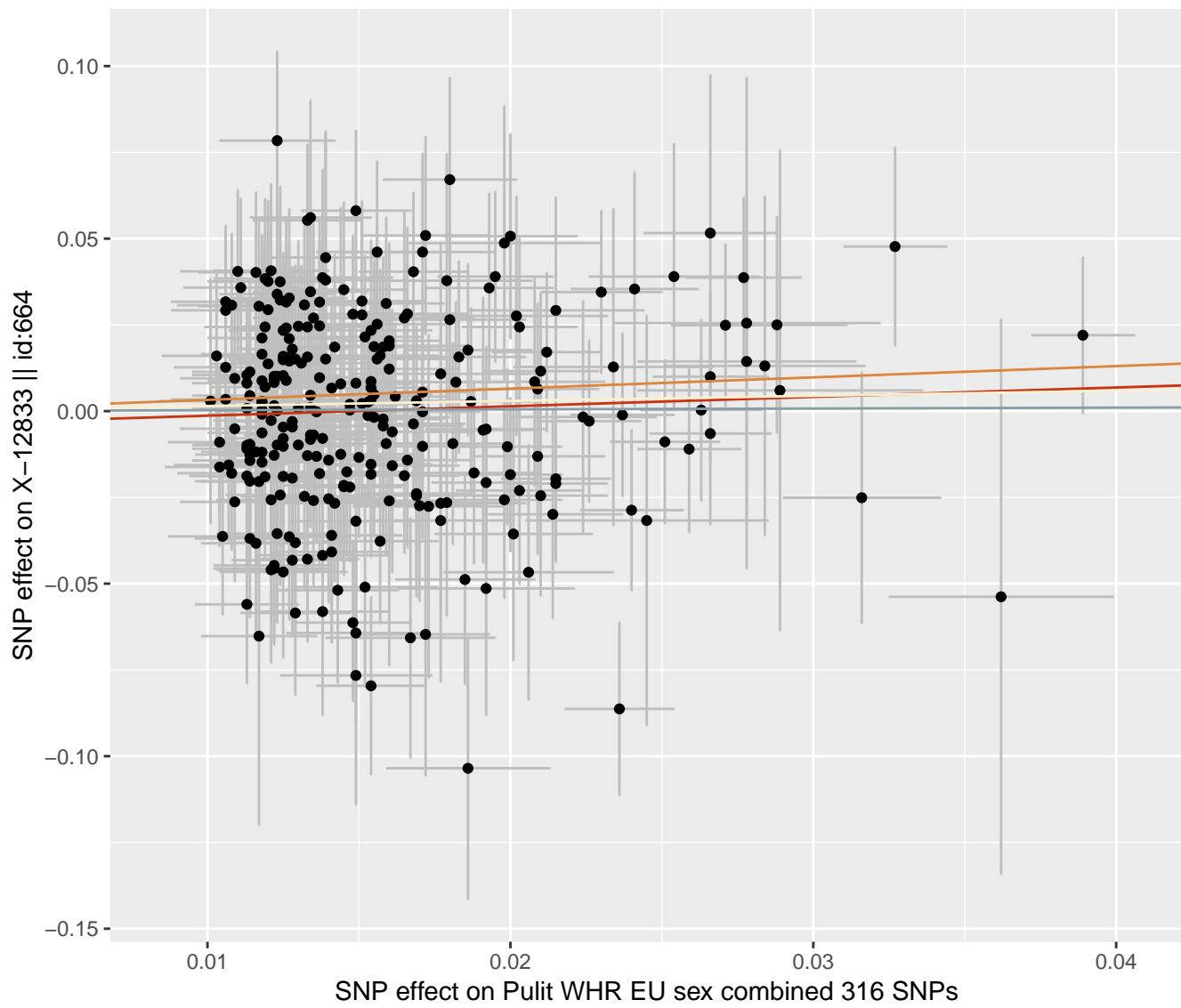
MR Egger



Weighted median



Weighted mode



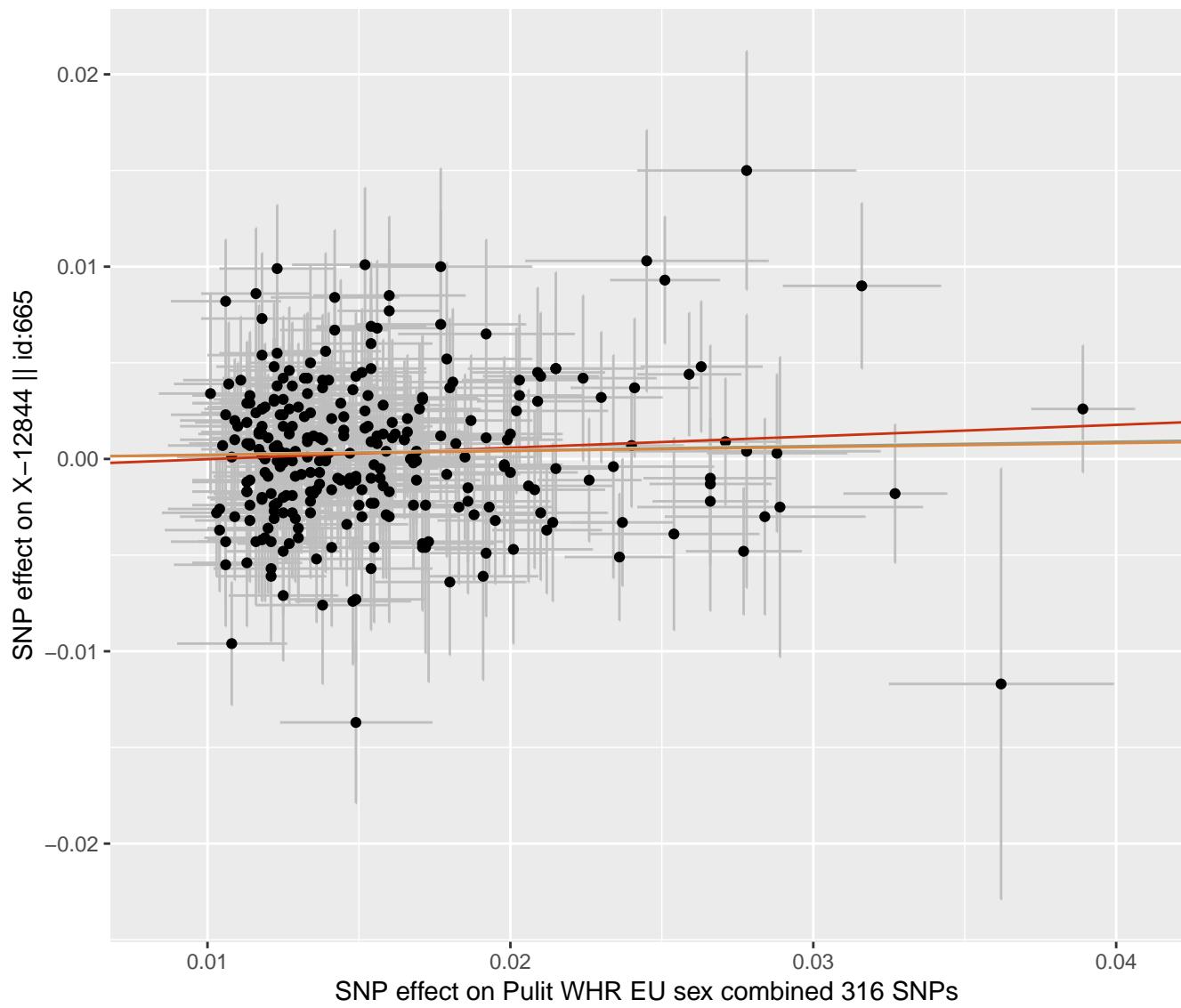
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



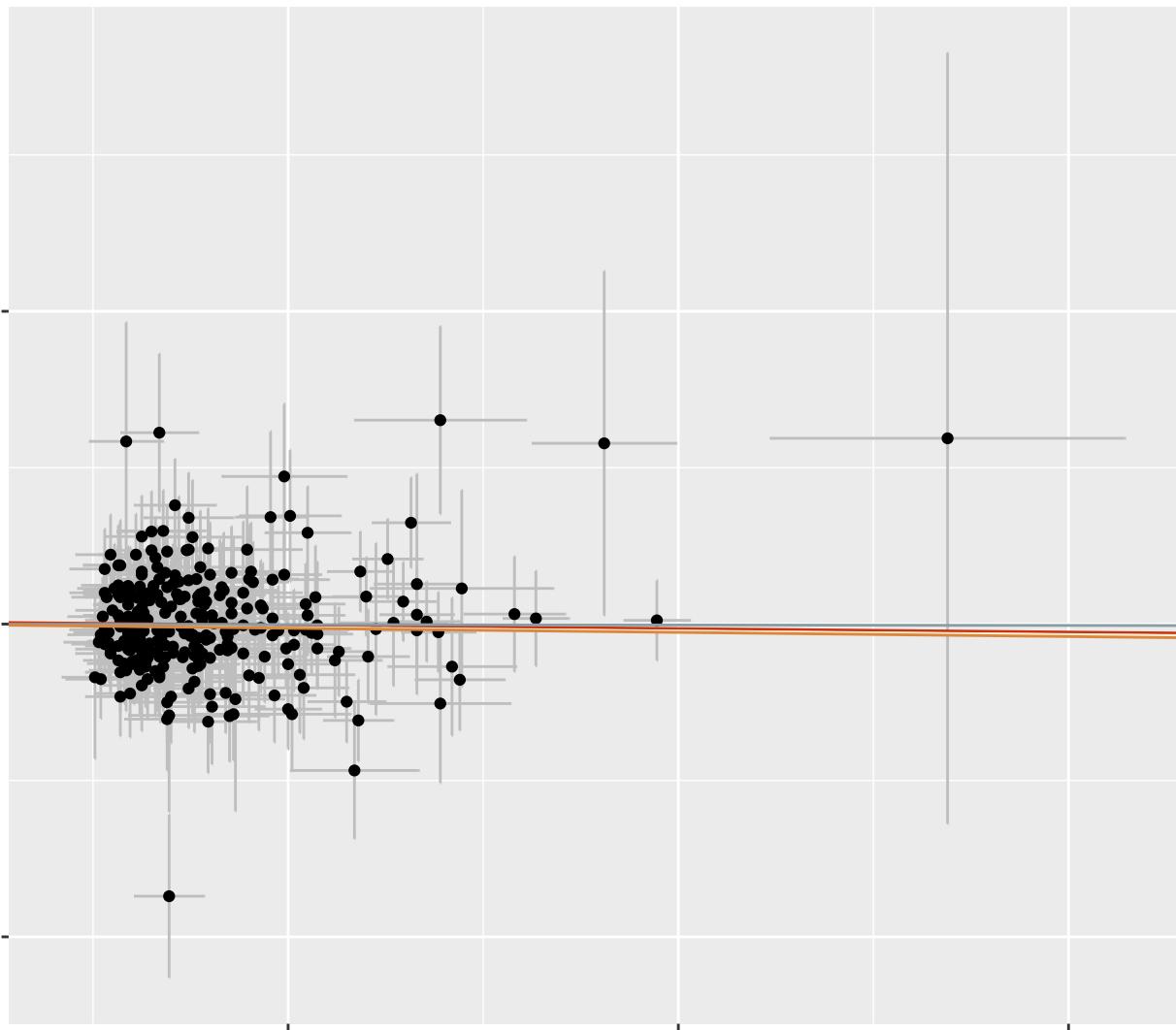
Weighted median



Weighted mode

SNP effect on X-12847 || id:666

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

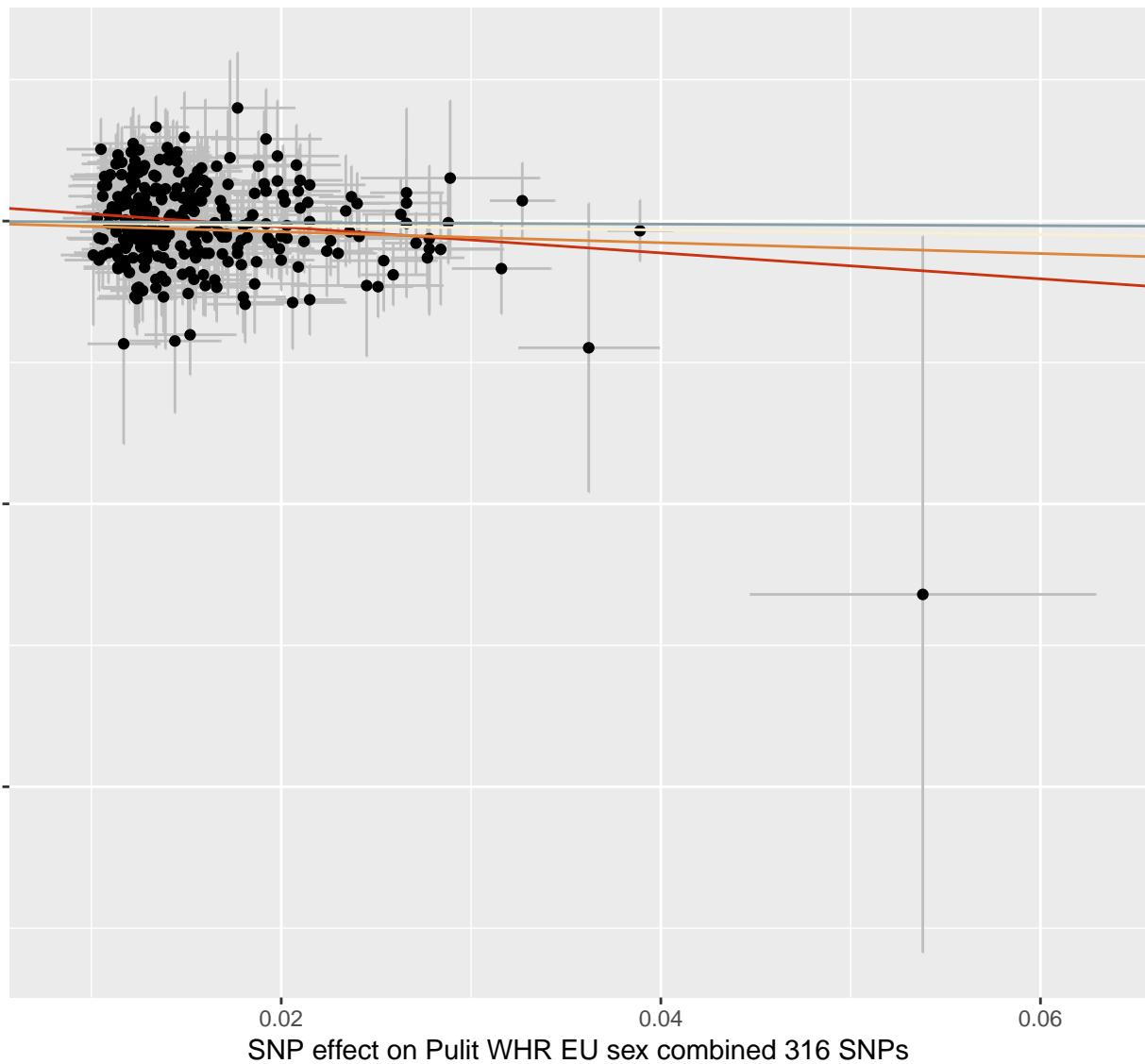


Weighted median



Weighted mode

SNP effect on X-12850 || id:667



MR Test



Inverse variance weighted (multiplicative random effects)



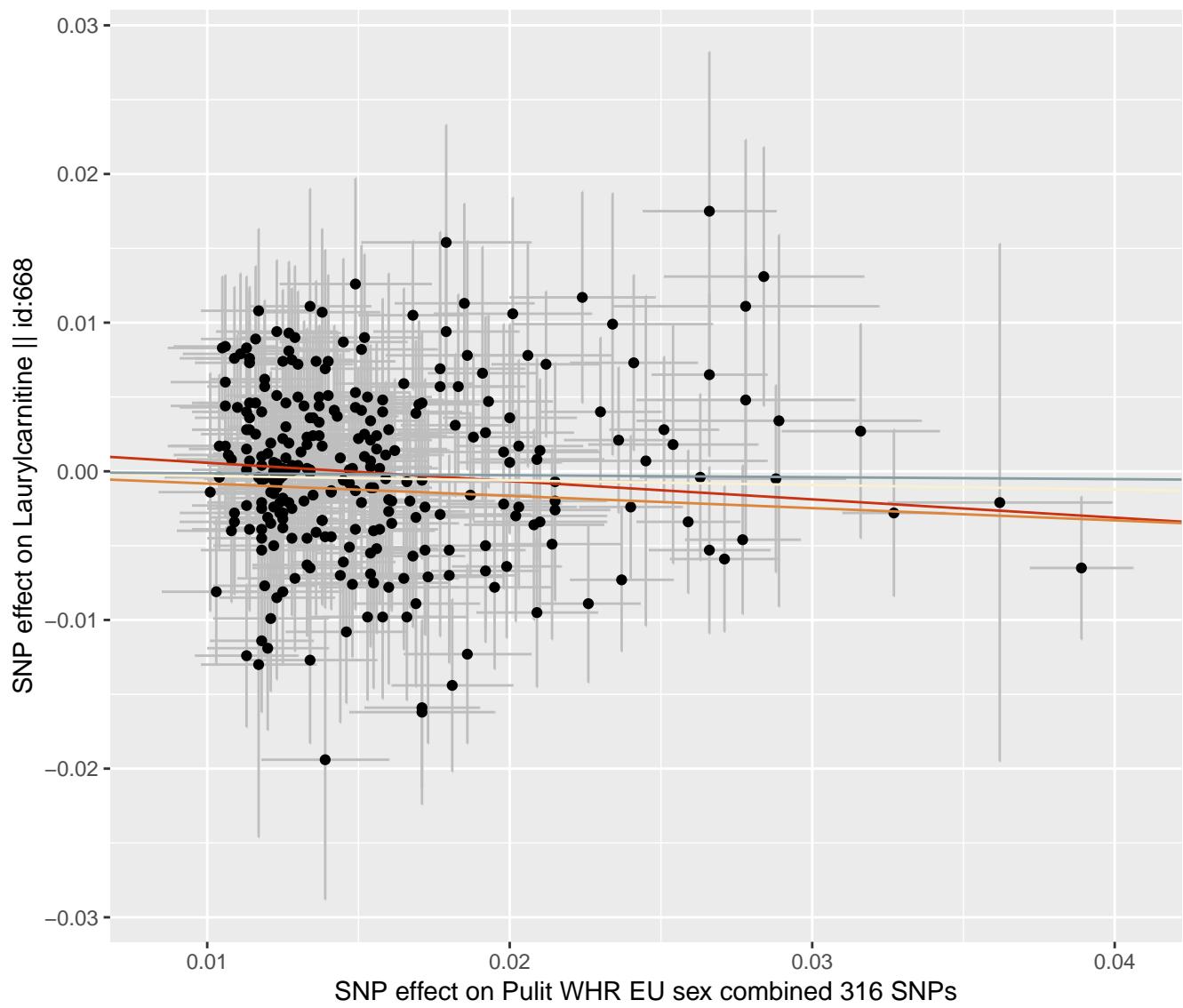
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

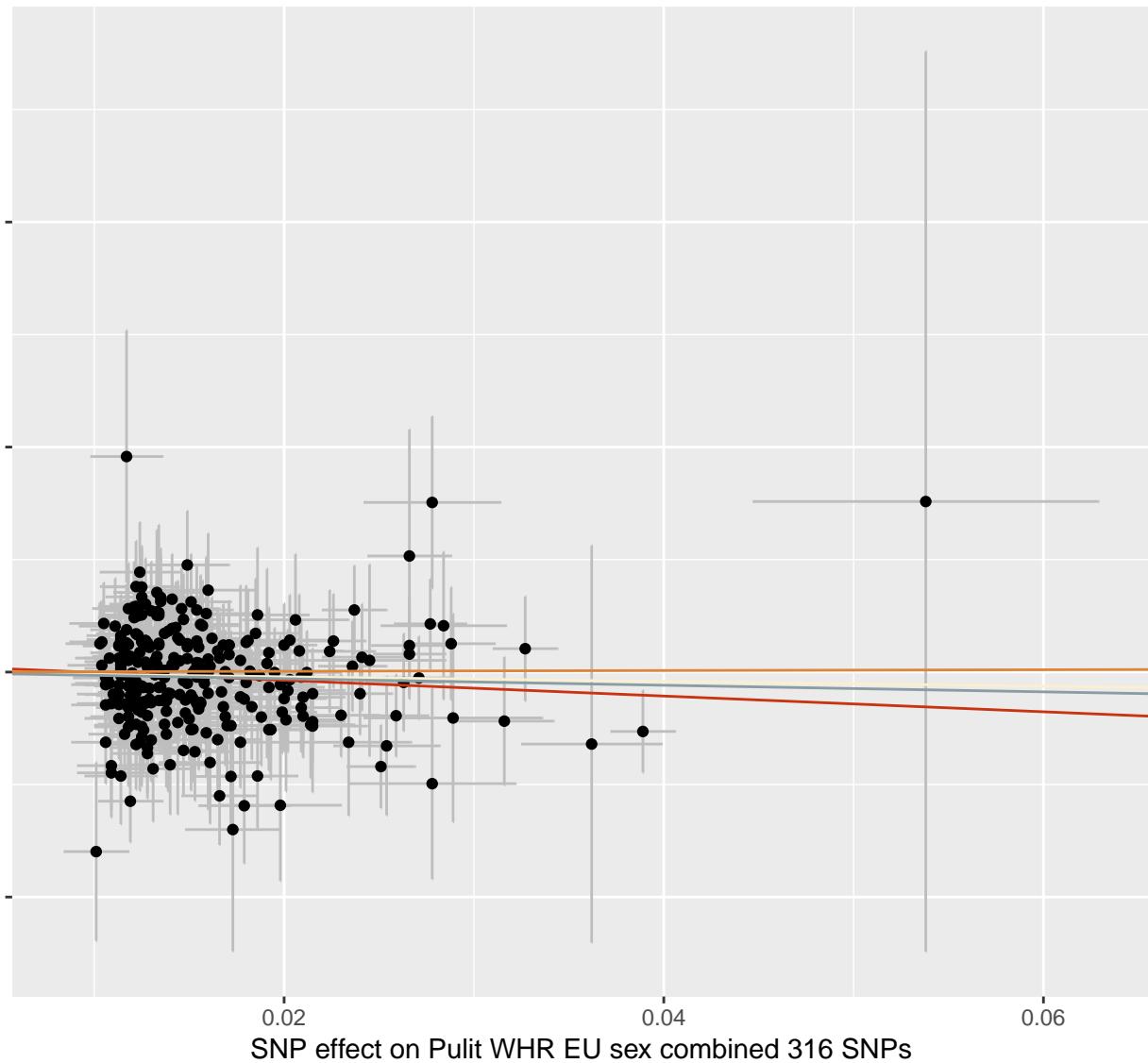


Weighted median



Weighted mode

SNP effect on X-12851 || id:669



MR Test



Inverse variance weighted (multiplicative random effects)



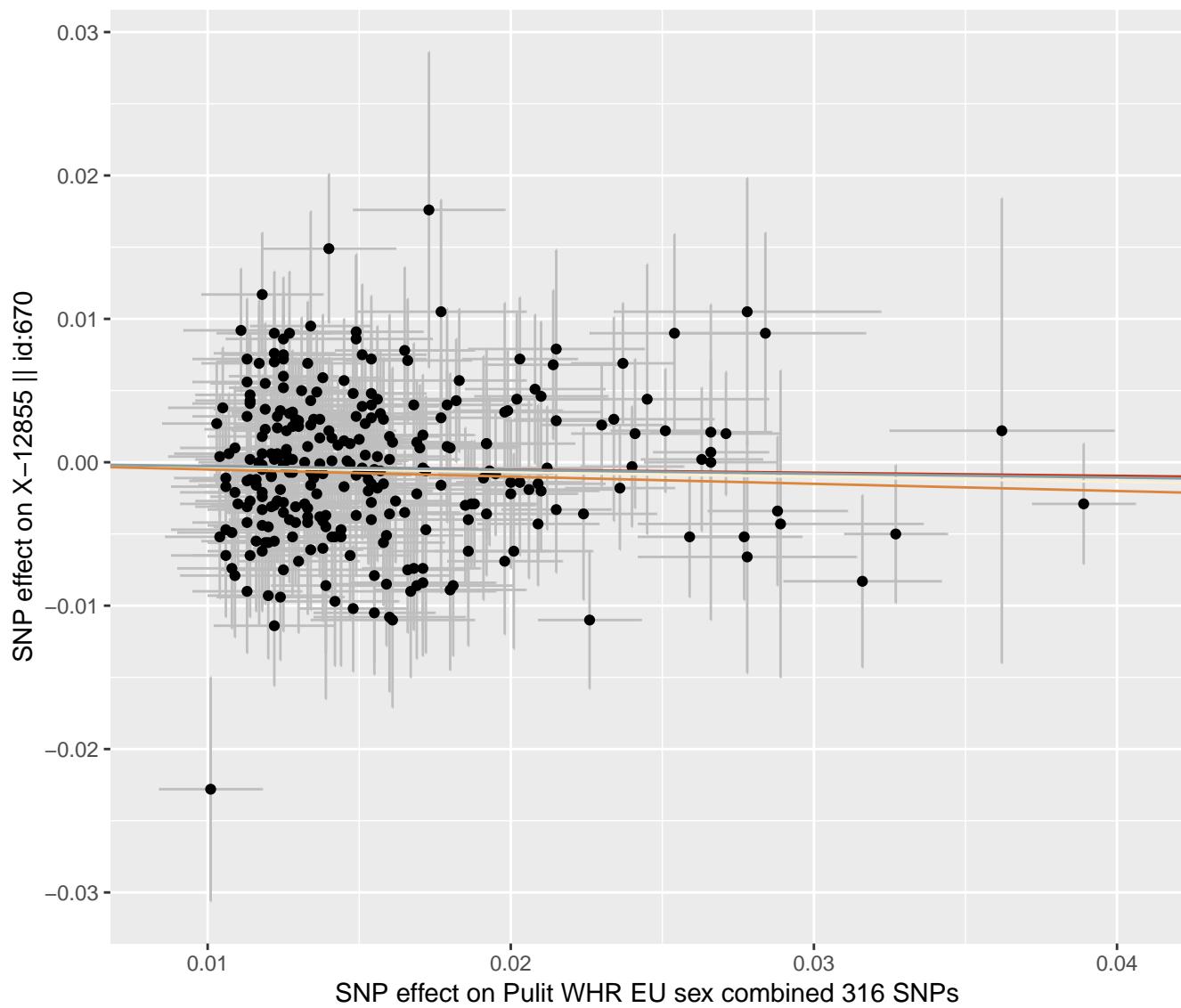
MR Egger



Weighted median



Weighted mode



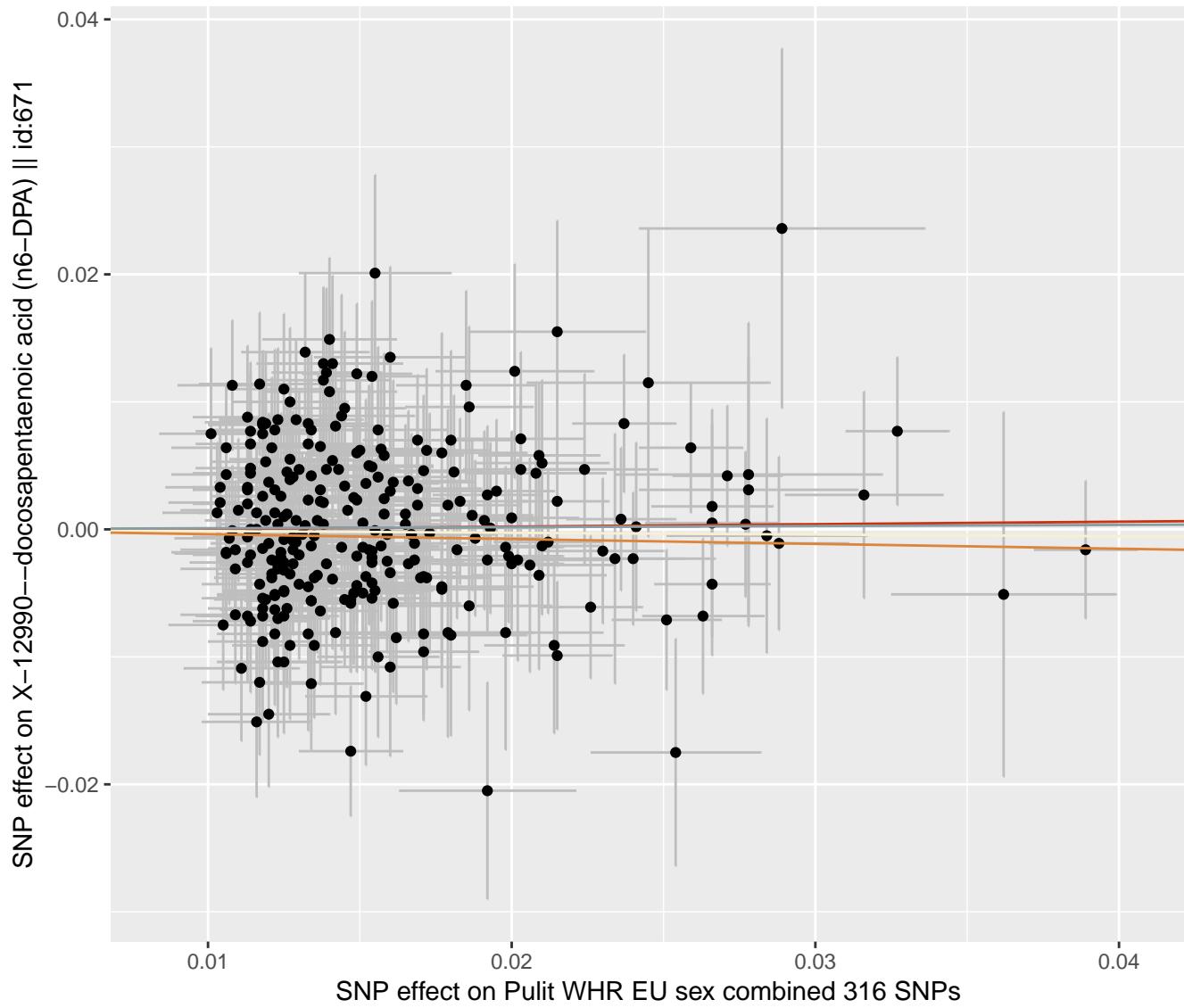
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



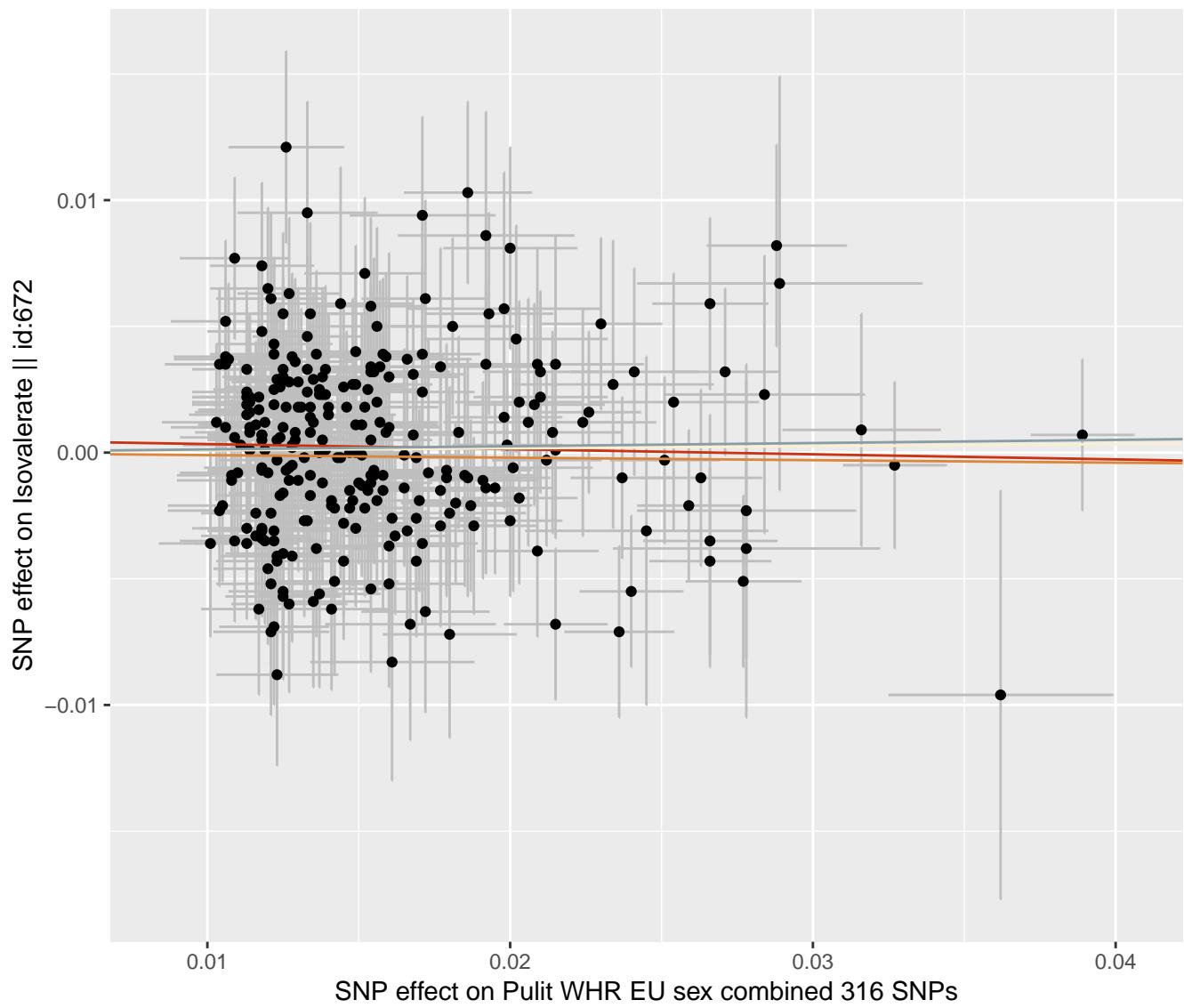
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-13069 || id:673

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

0.04

0.02

0.00

-0.02

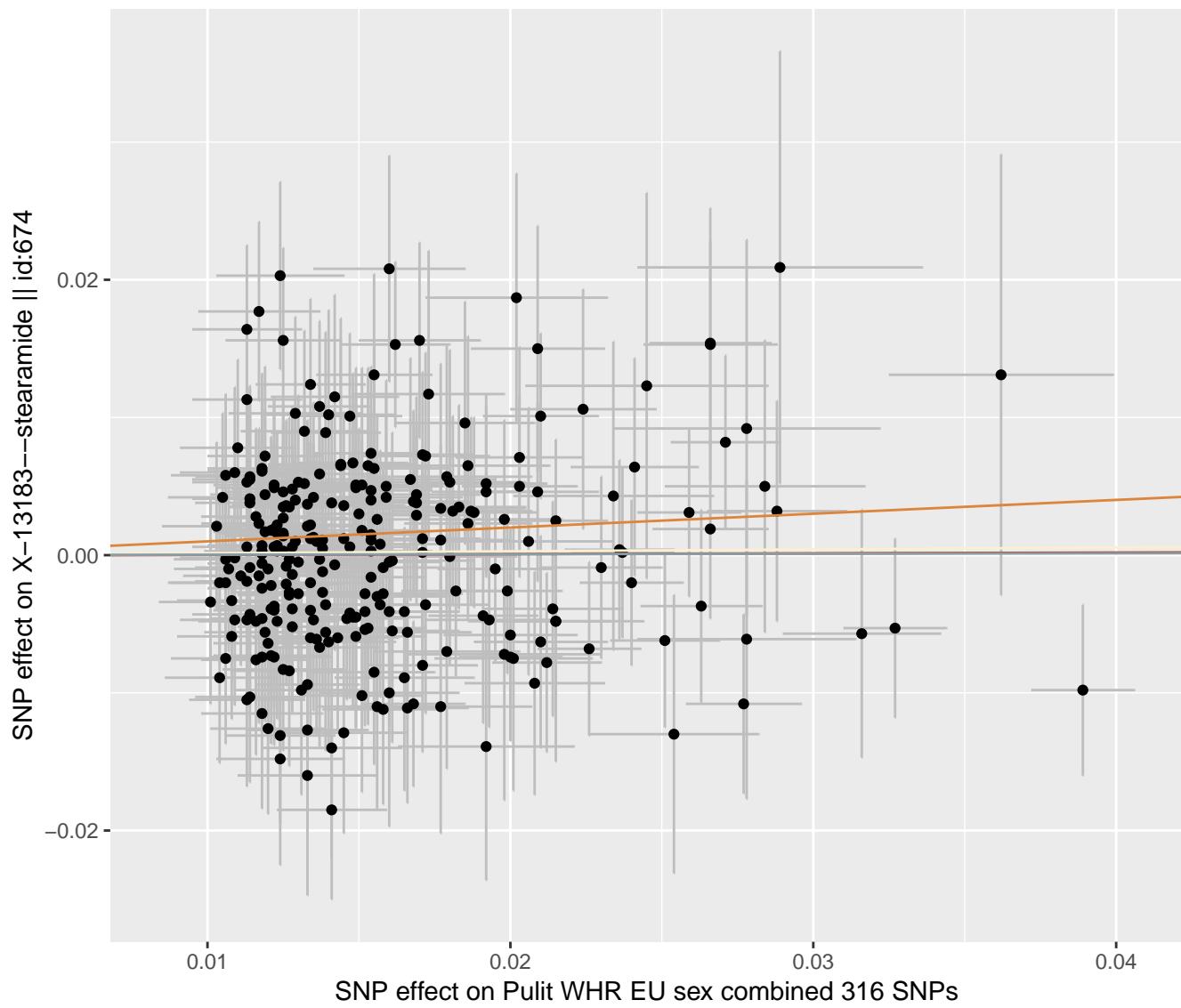
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



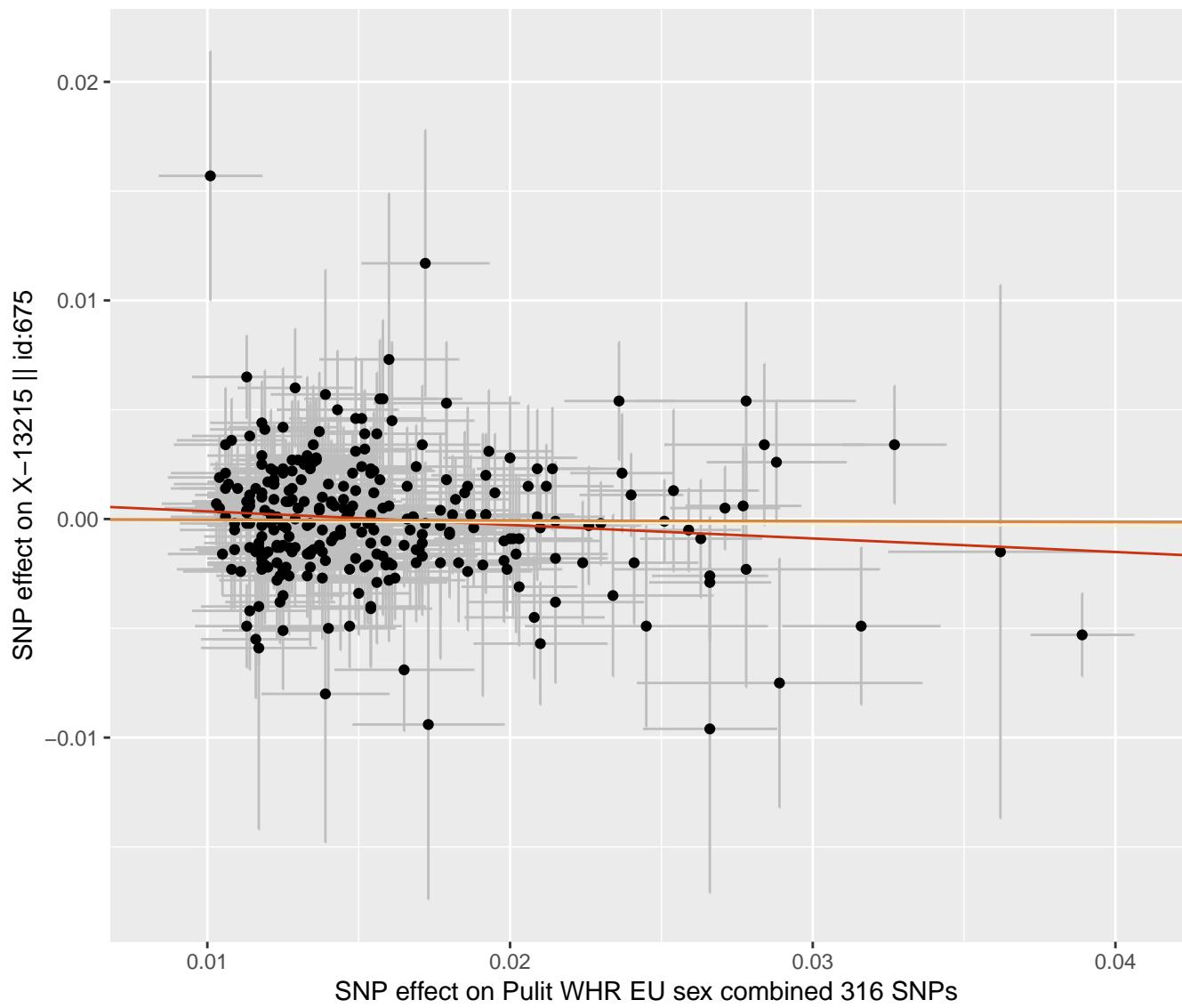
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



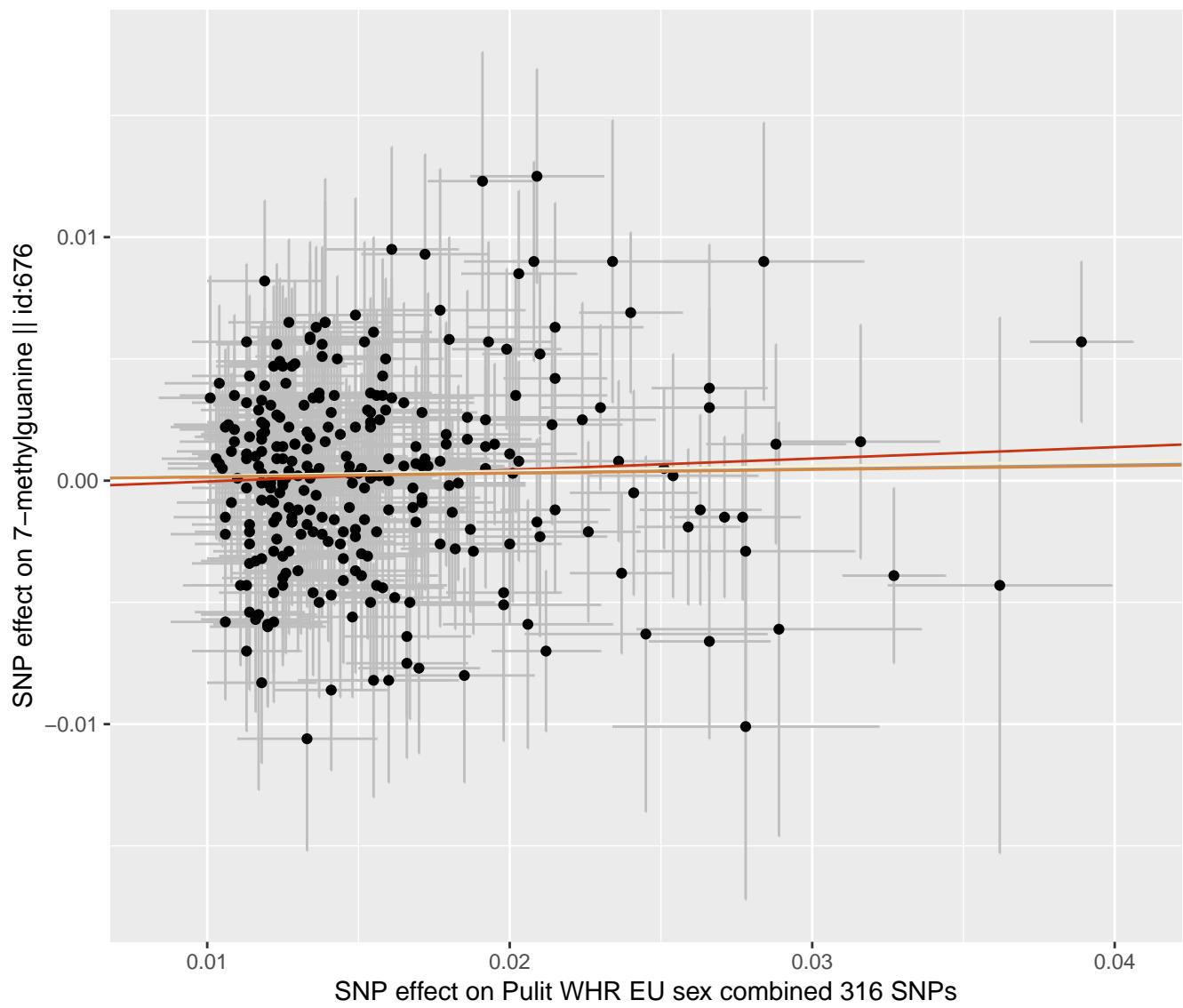
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



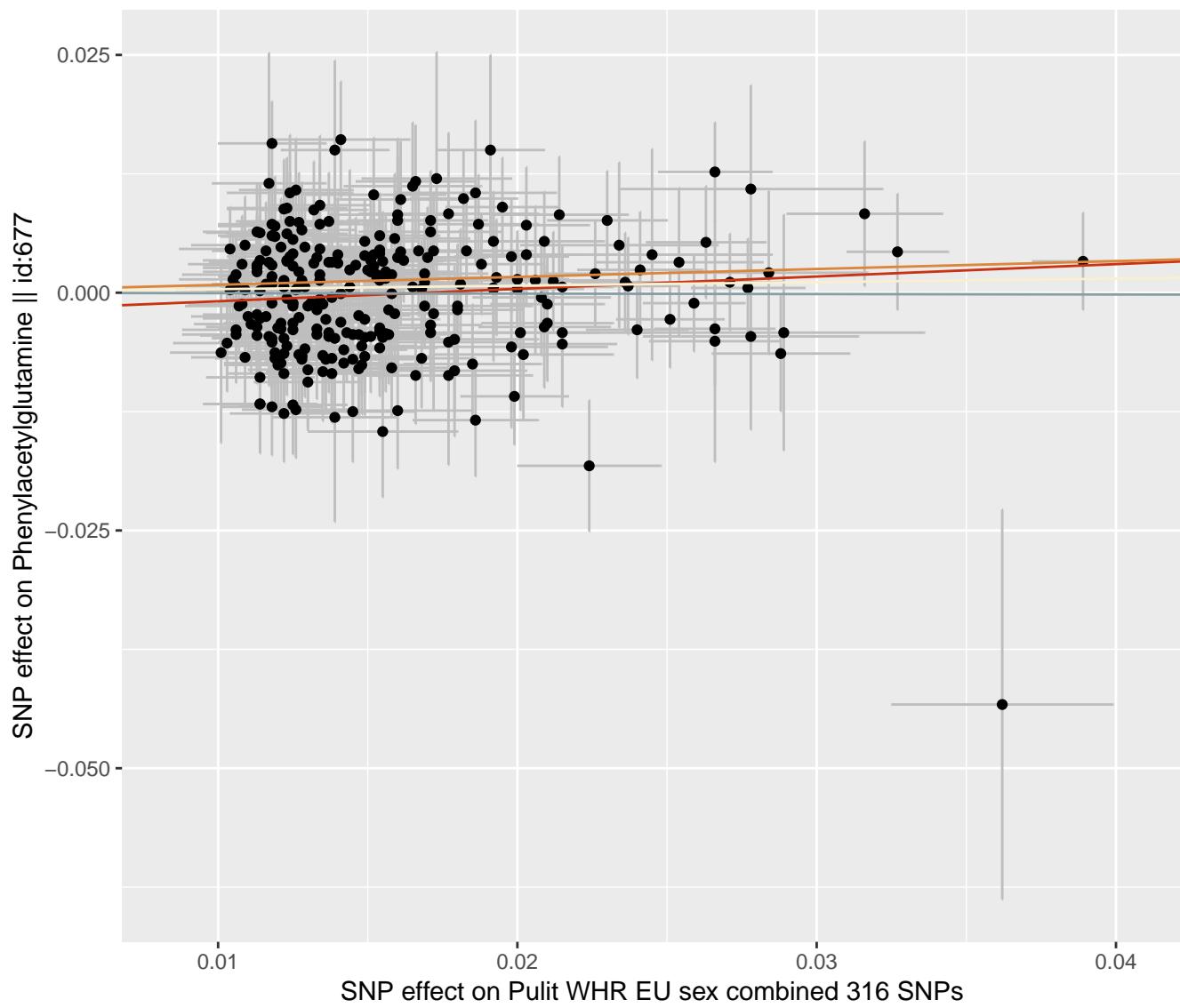
MR Egger



Weighted median

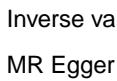


Weighted mode



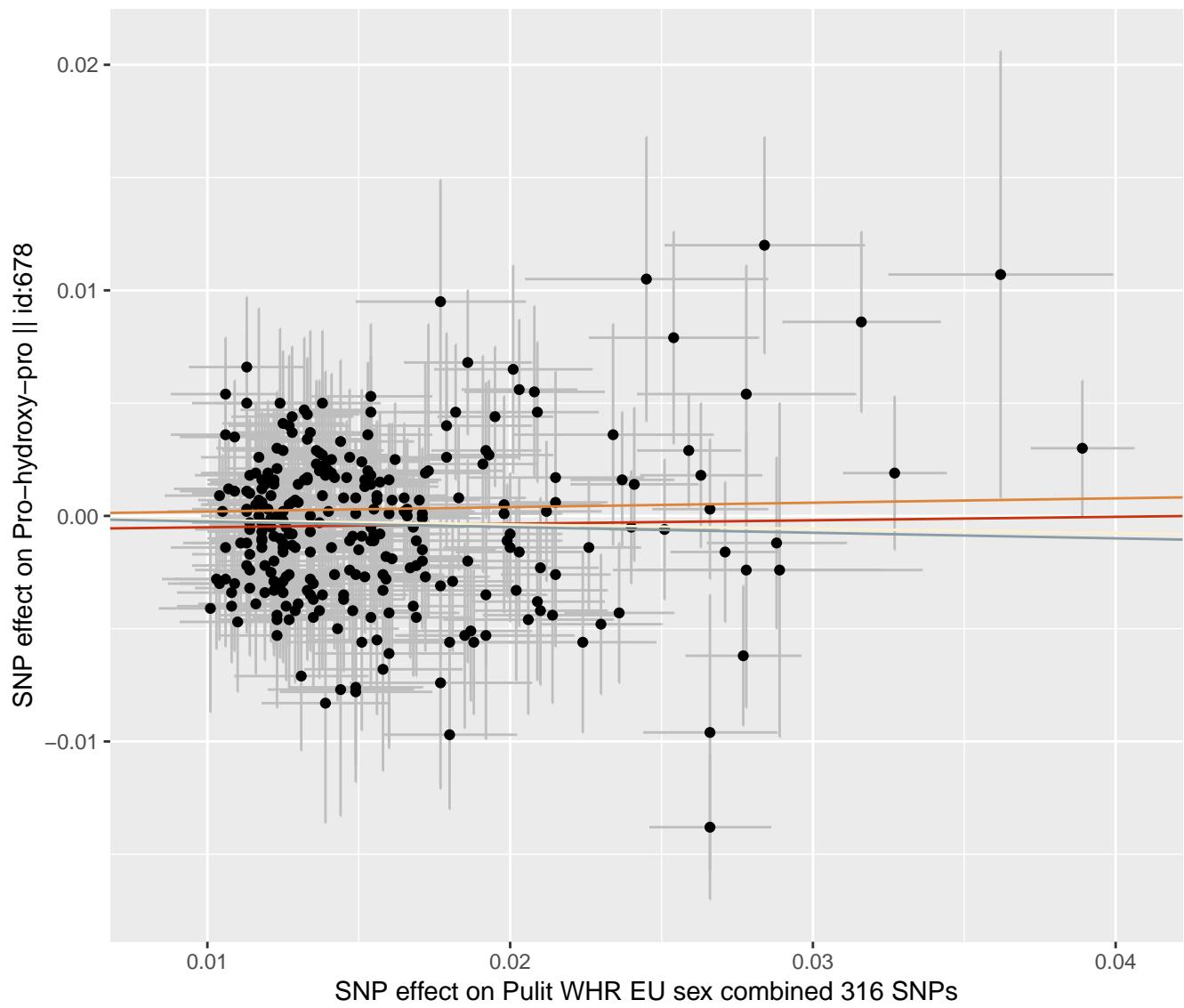
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



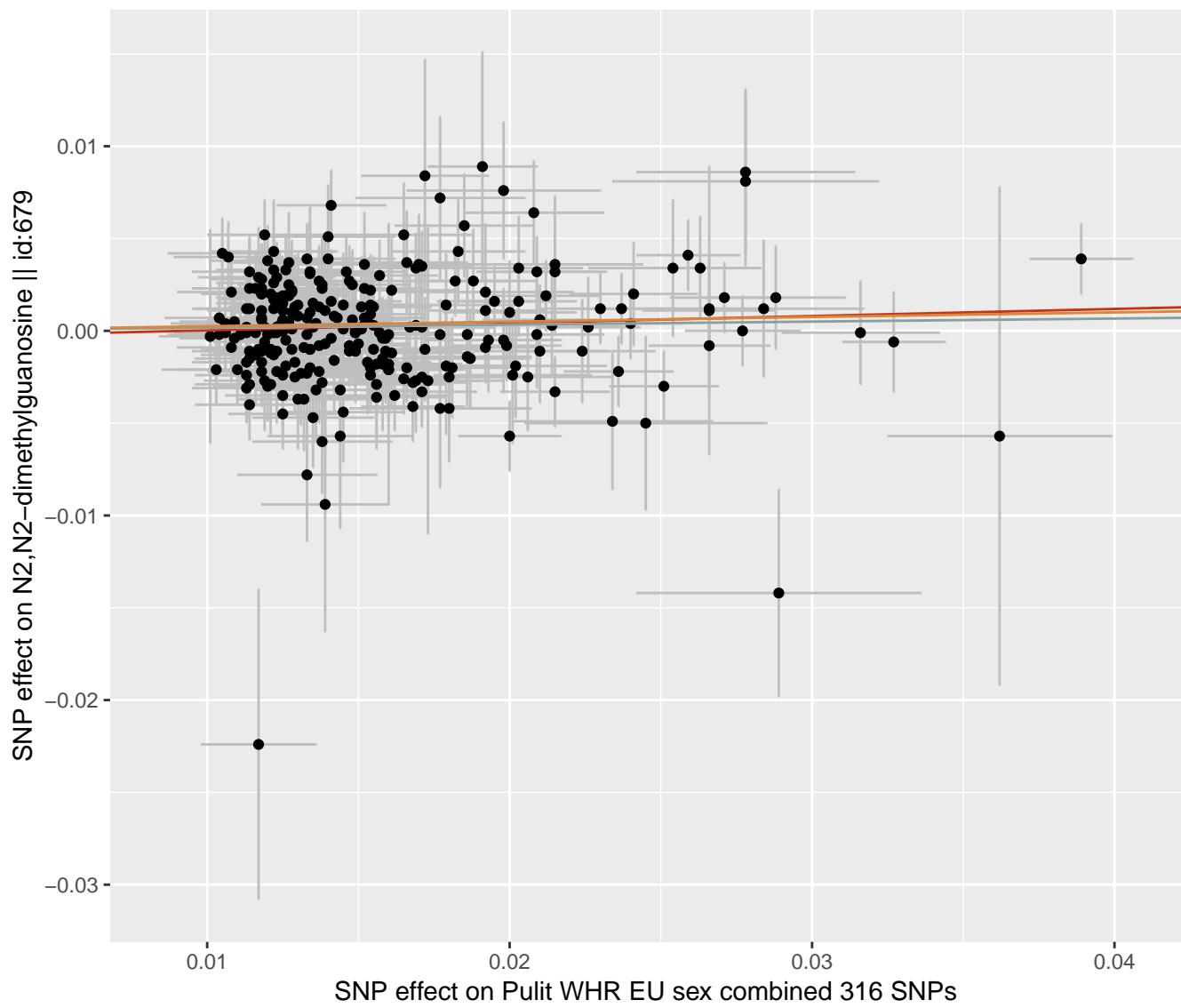
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

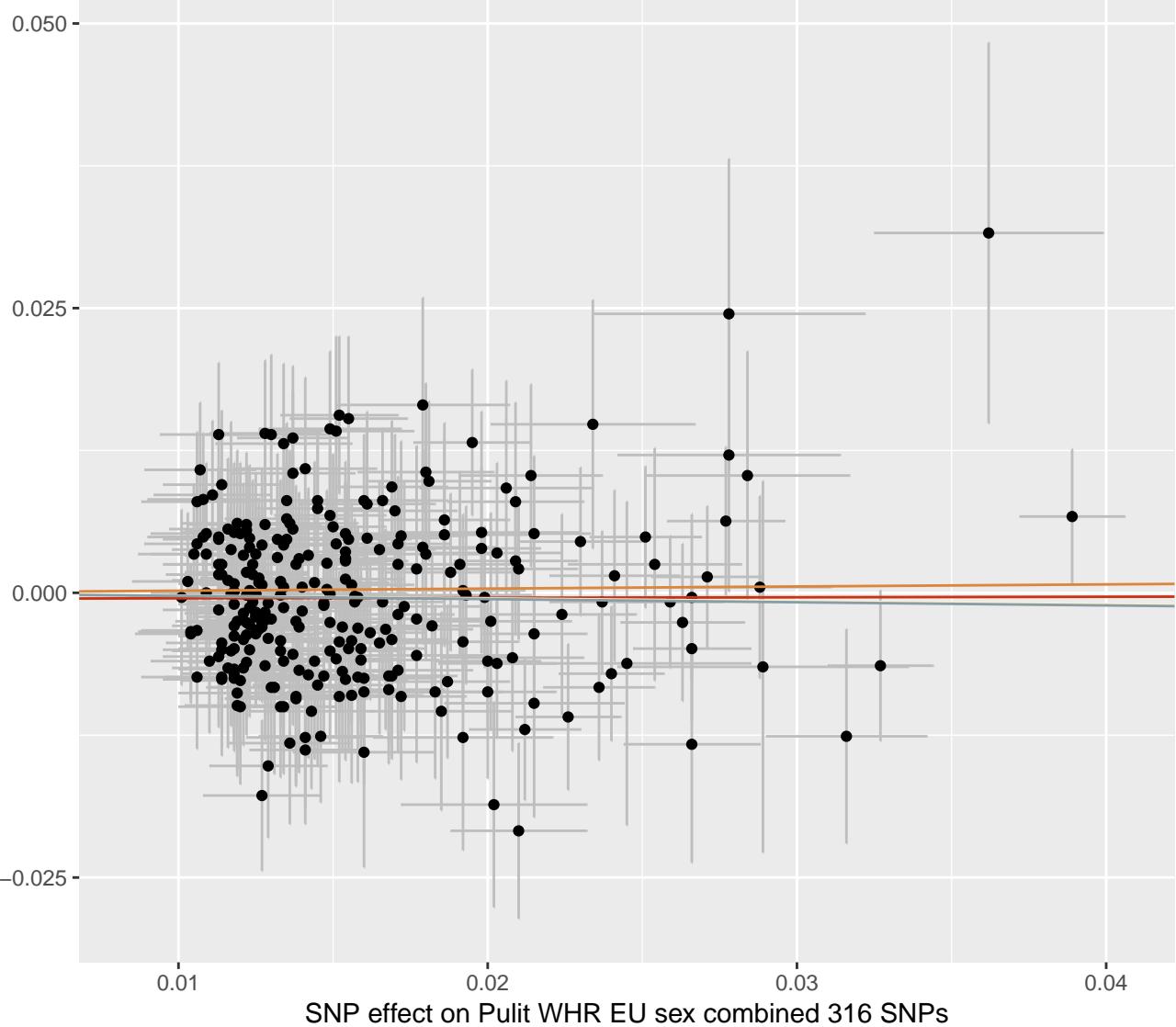


Weighted median



Weighted mode

SNP effect on Cysteine-glutathione disulfide || id:680

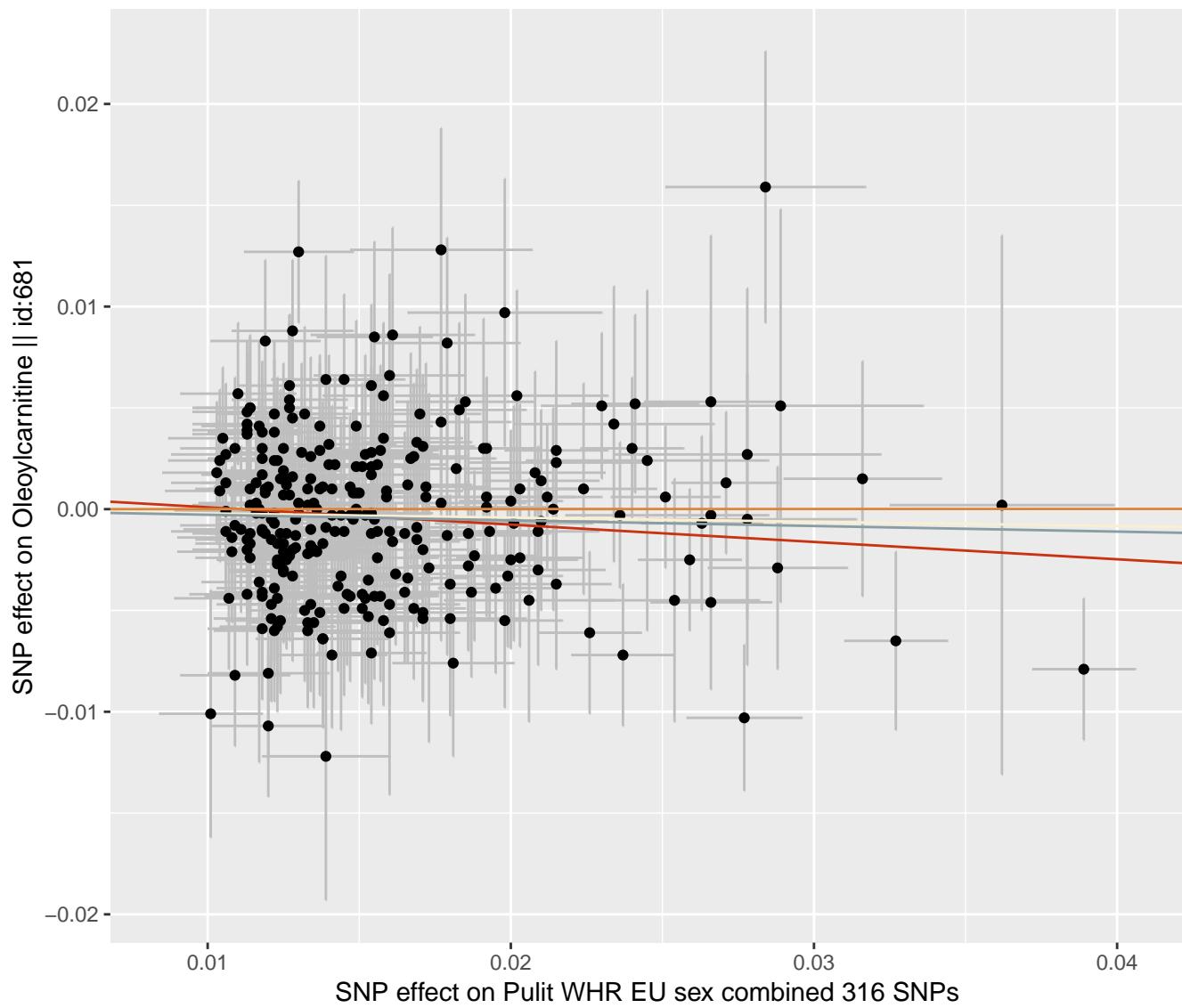


SNP effect on Pulit WHR EU sex combined 316 SNPs

MR Test

 Inverse variance weighted (multiplicative random effects)
 MR Egger

 Weighted median
 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



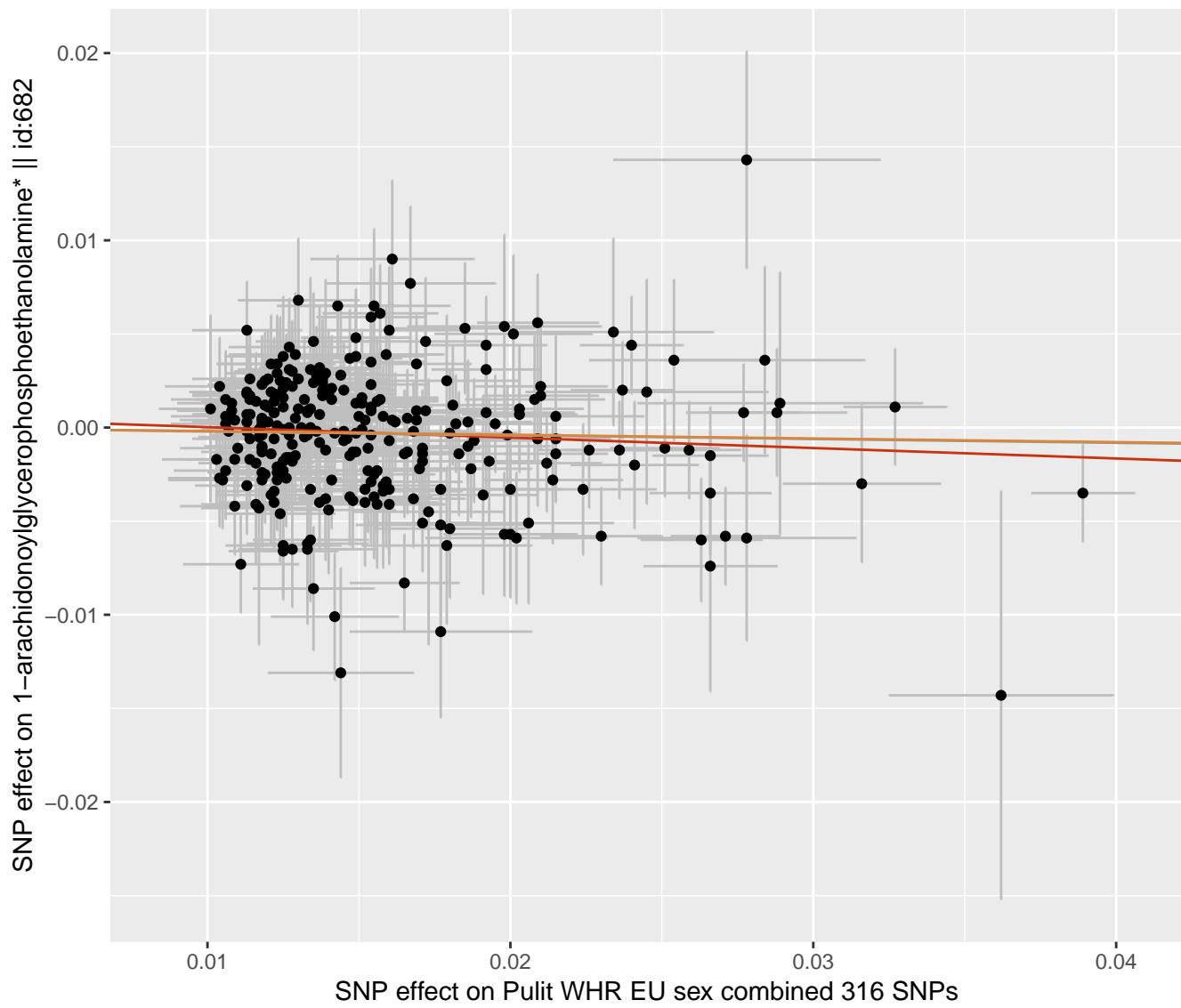
MR Egger



Weighted median



Weighted mode



MR Test

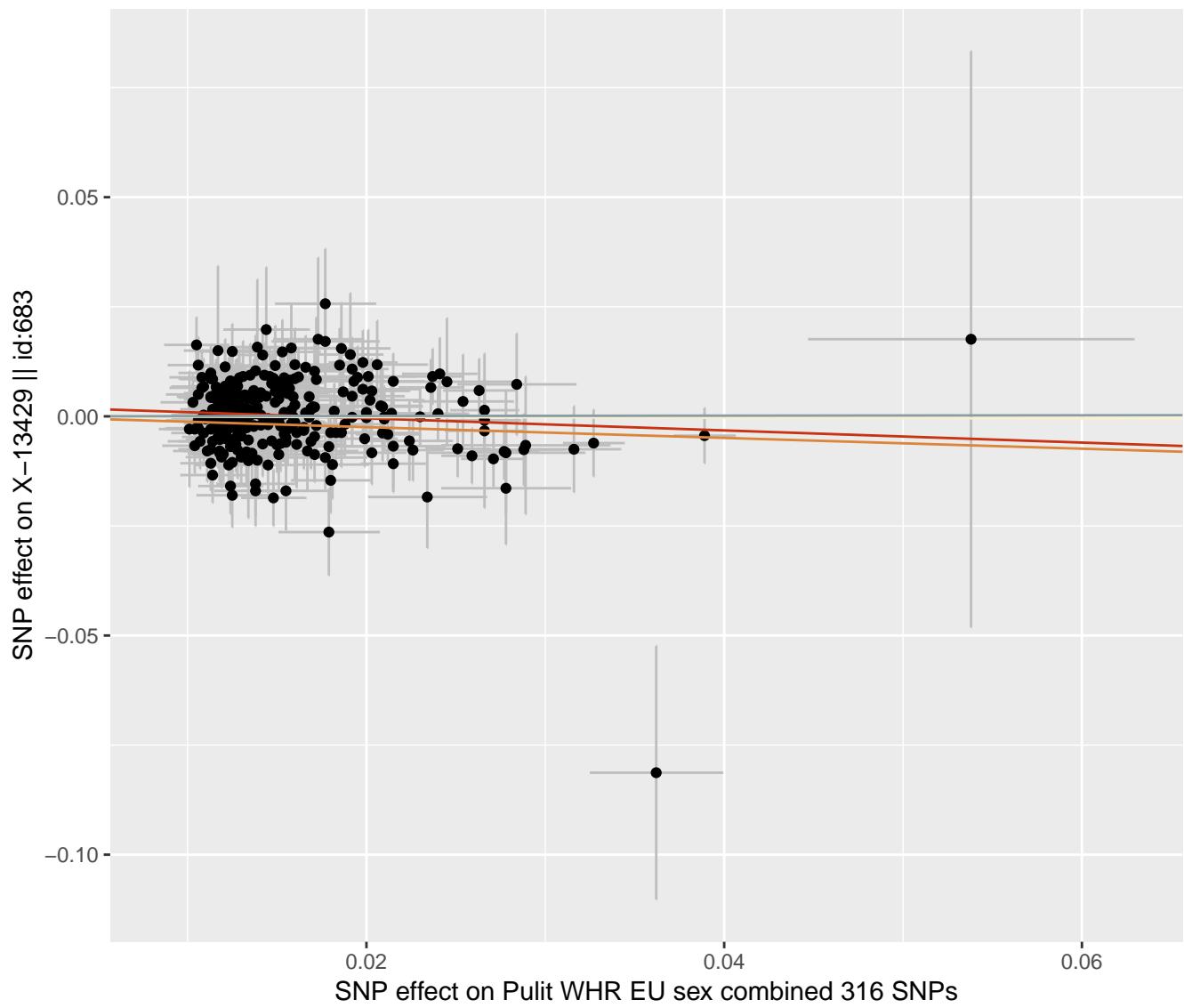
Inverse variance weighted (multiplicative random effects)

MR Egger



Weighted median

Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



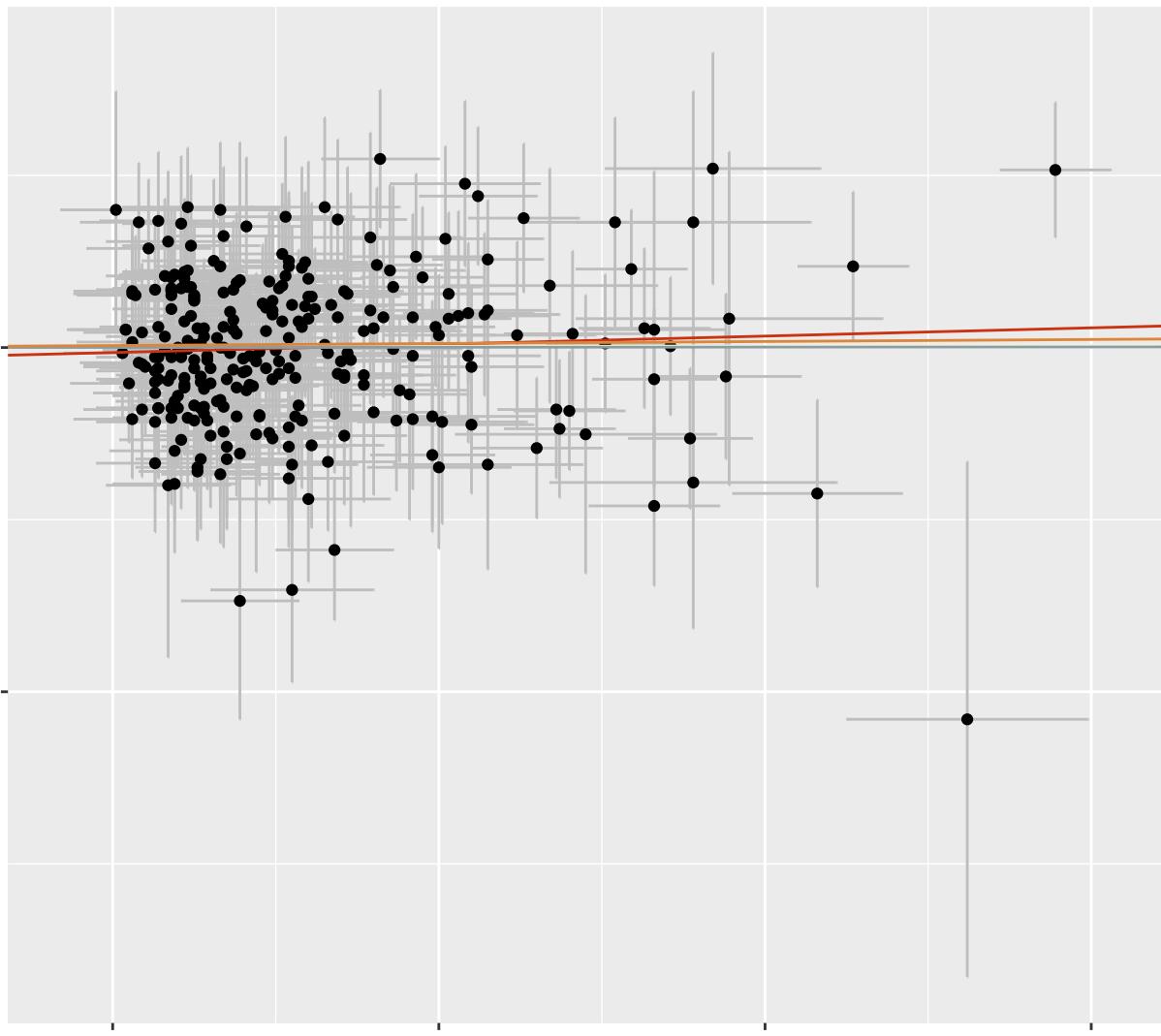
Weighted median



Weighted mode

SNP effect on X-13431--nonanoylcarnitine* || id:684

SNP effect on Pulit WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

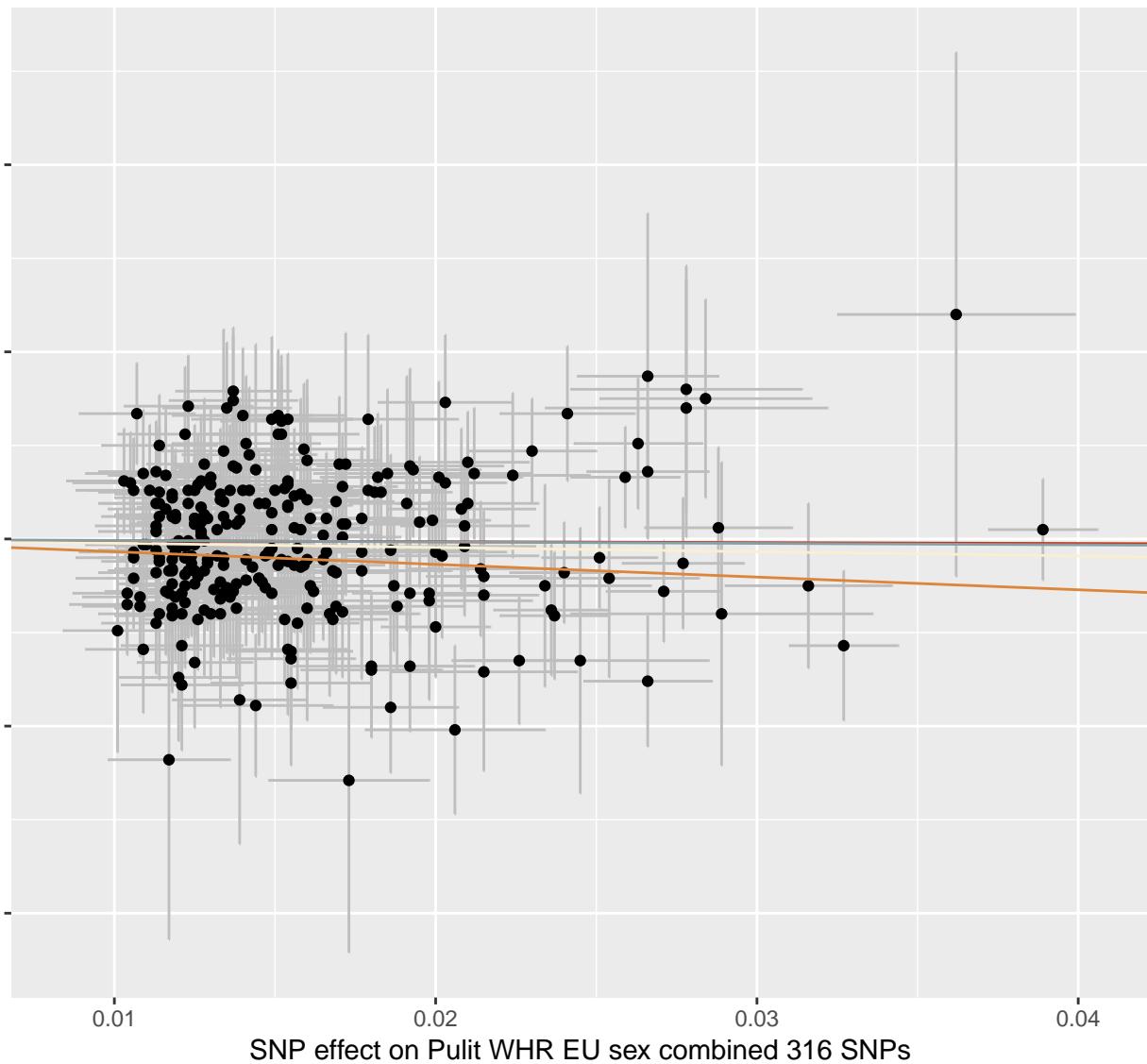


Weighted median



Weighted mode

SNP effect on X-13435 || id:685



MR Test



Inverse variance weighted (multiplicative random effects)



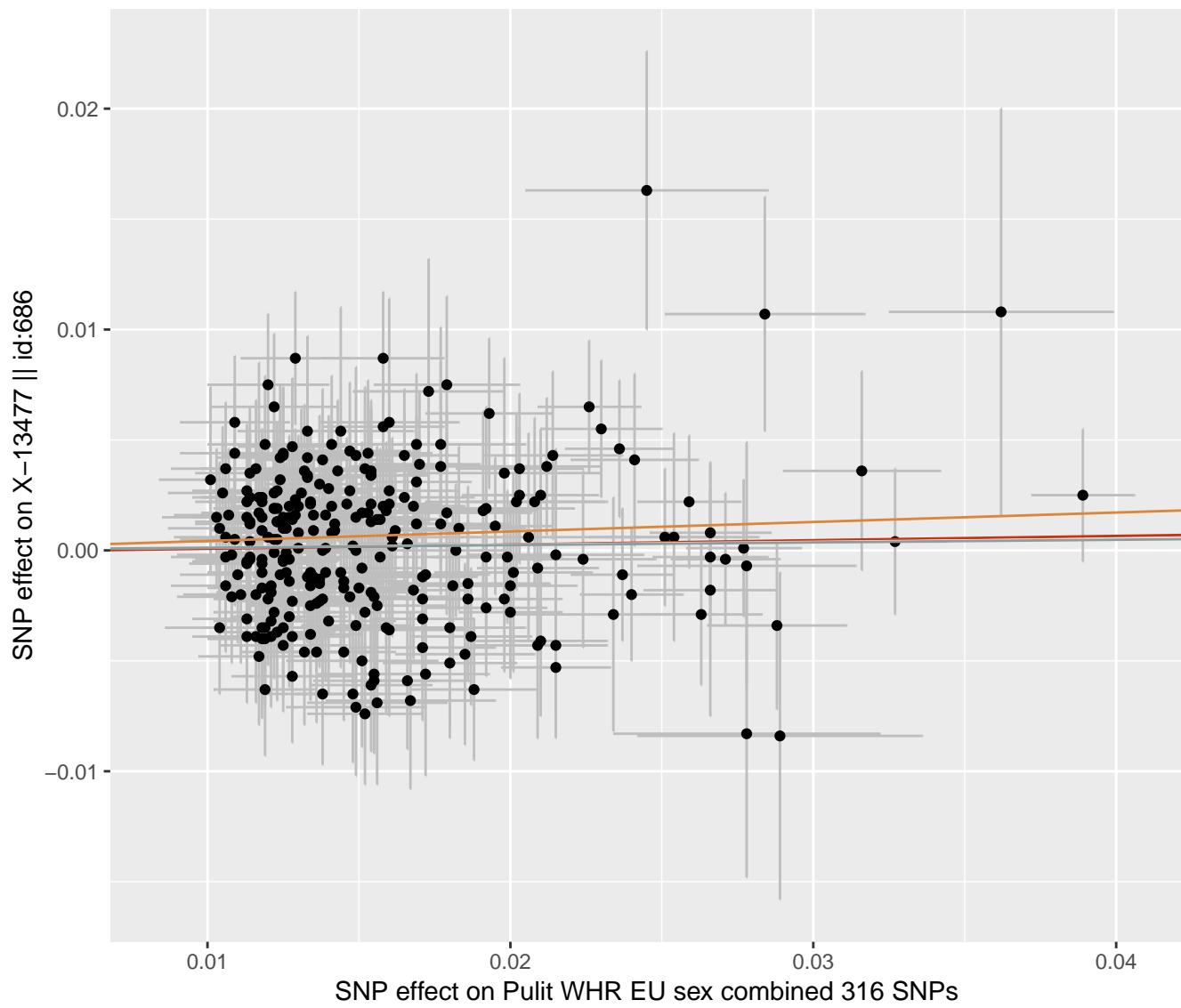
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



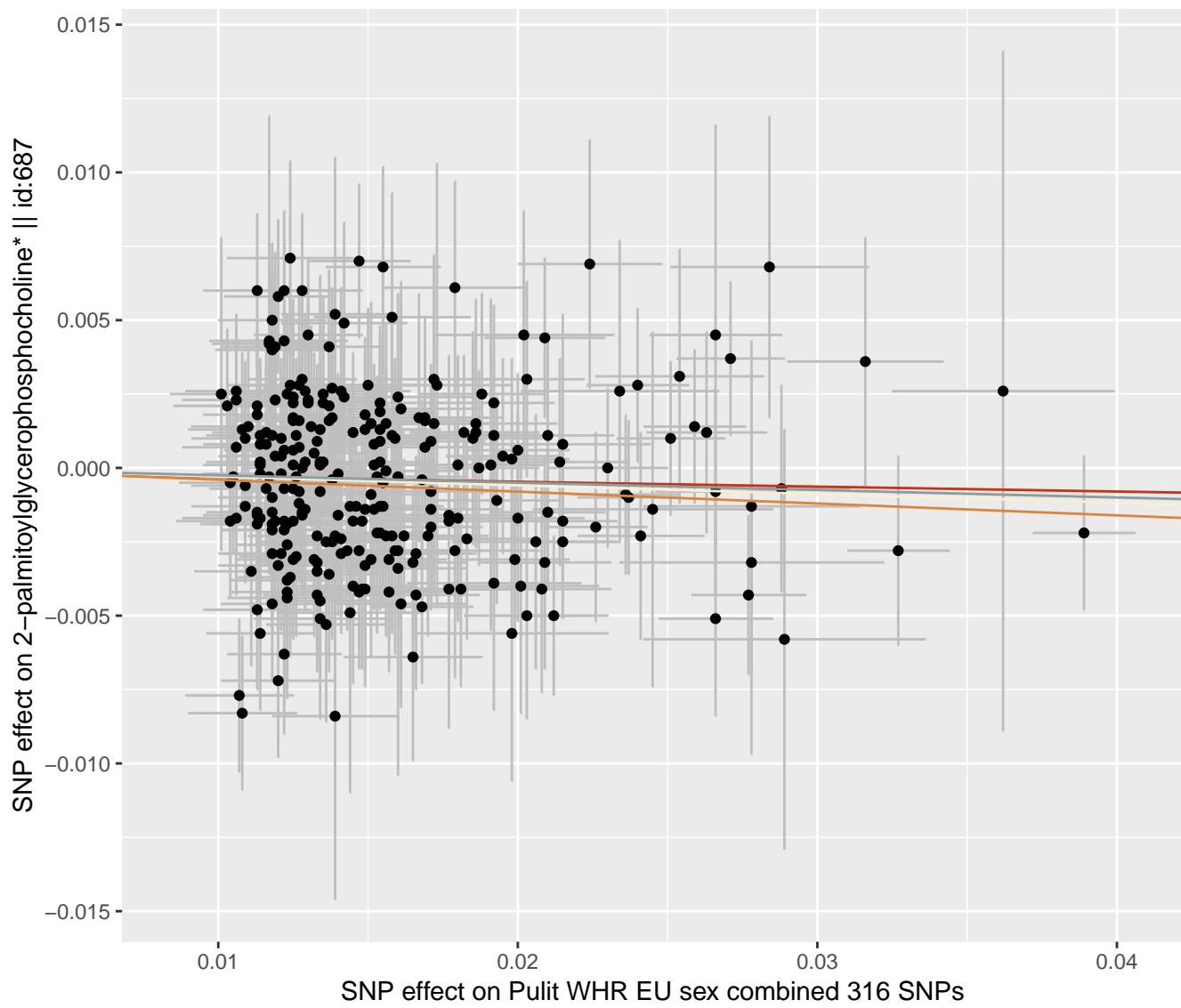
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



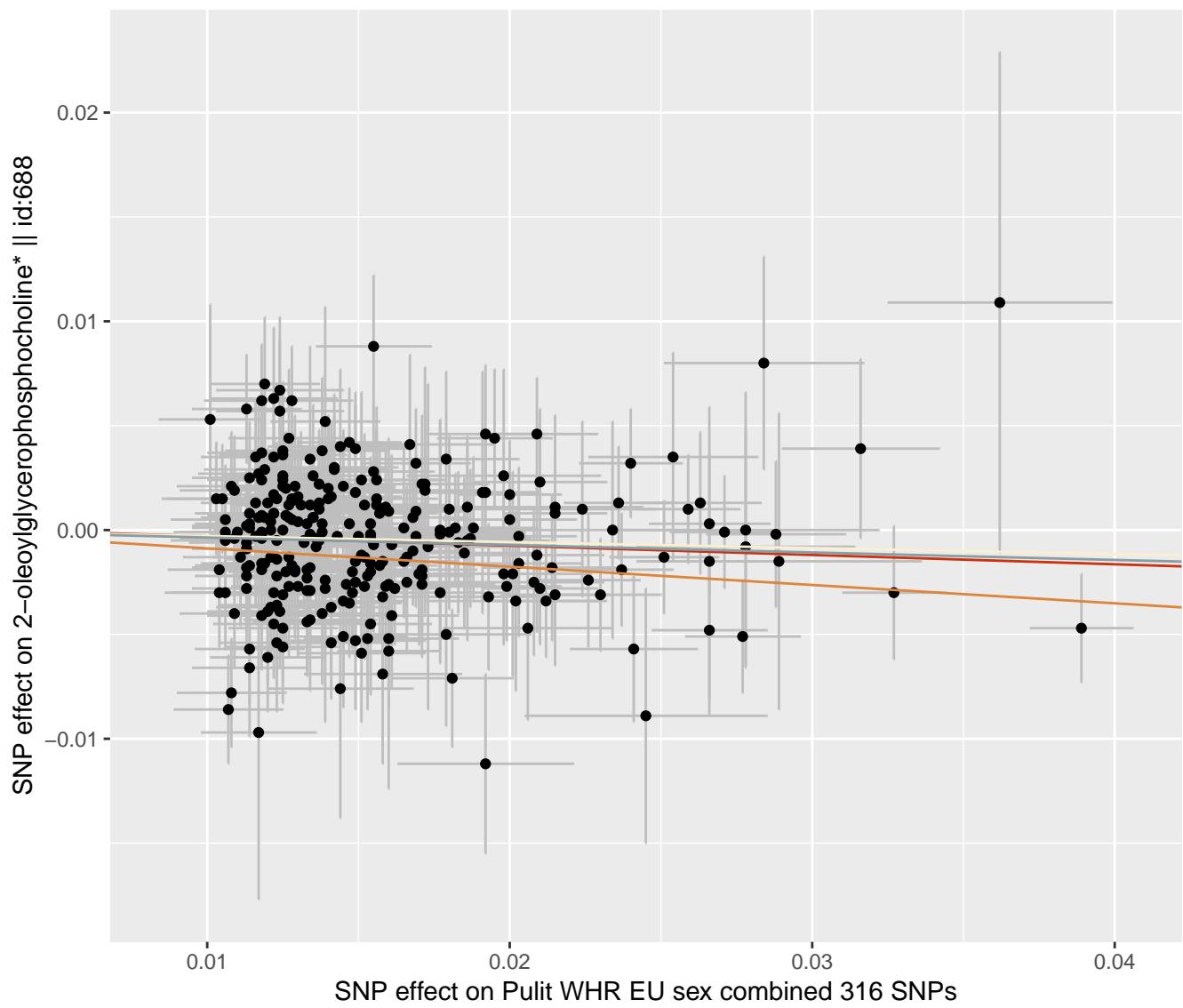
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

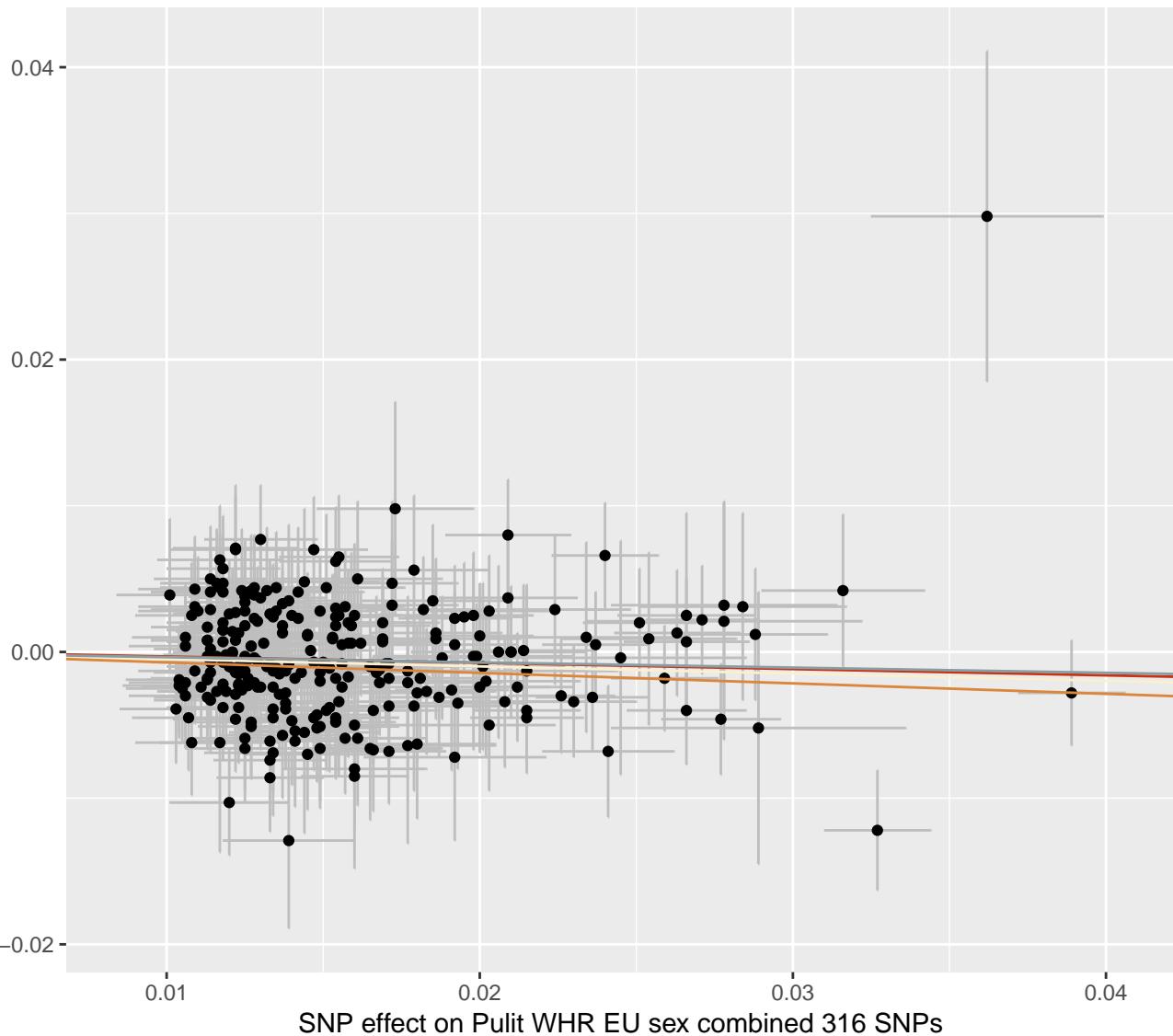


Weighted median



Weighted mode

SNP effect on 2-stearoylglycerophosphocholine* || id:689



MR Test



Inverse variance weighted (multiplicative random effects)



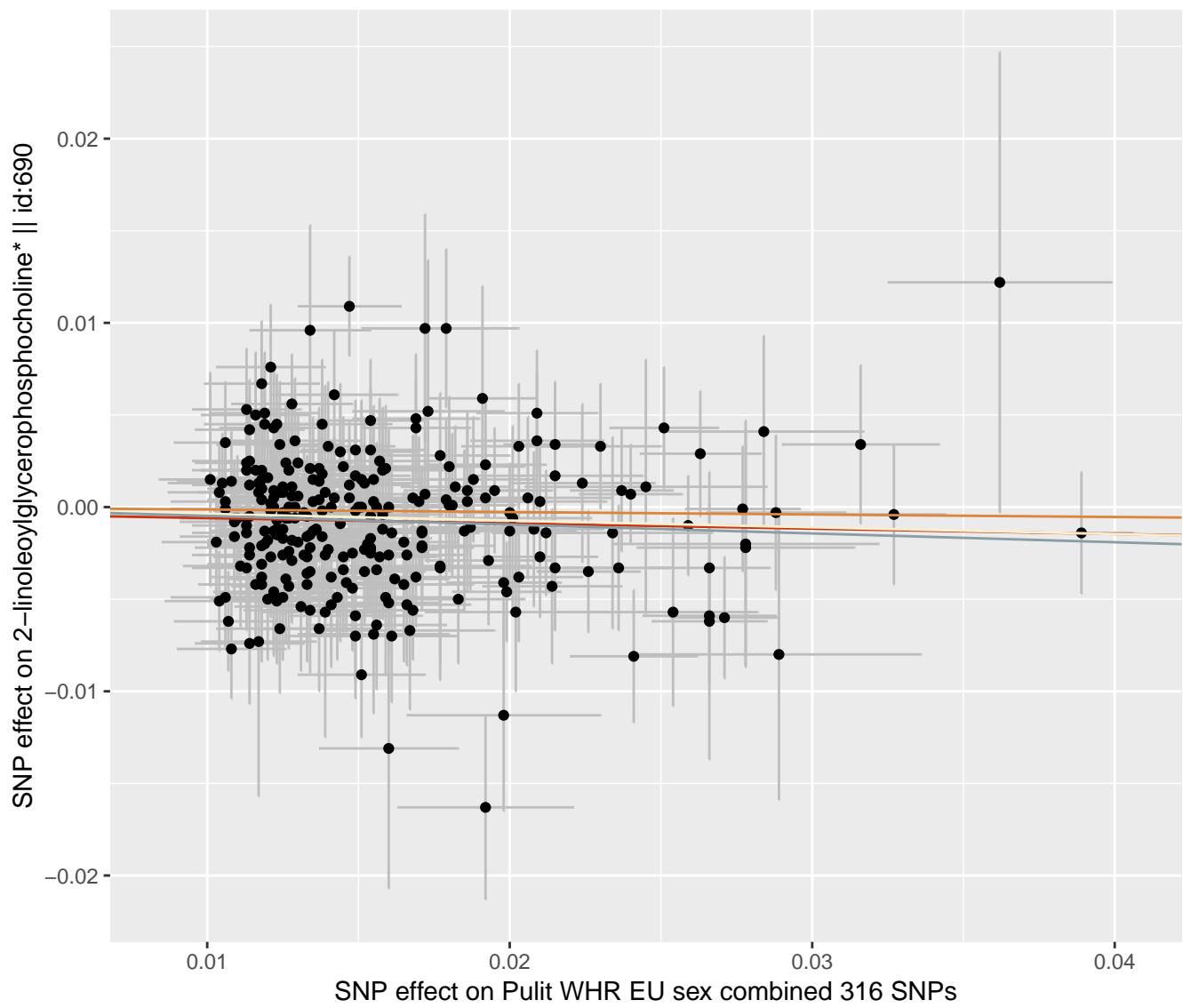
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



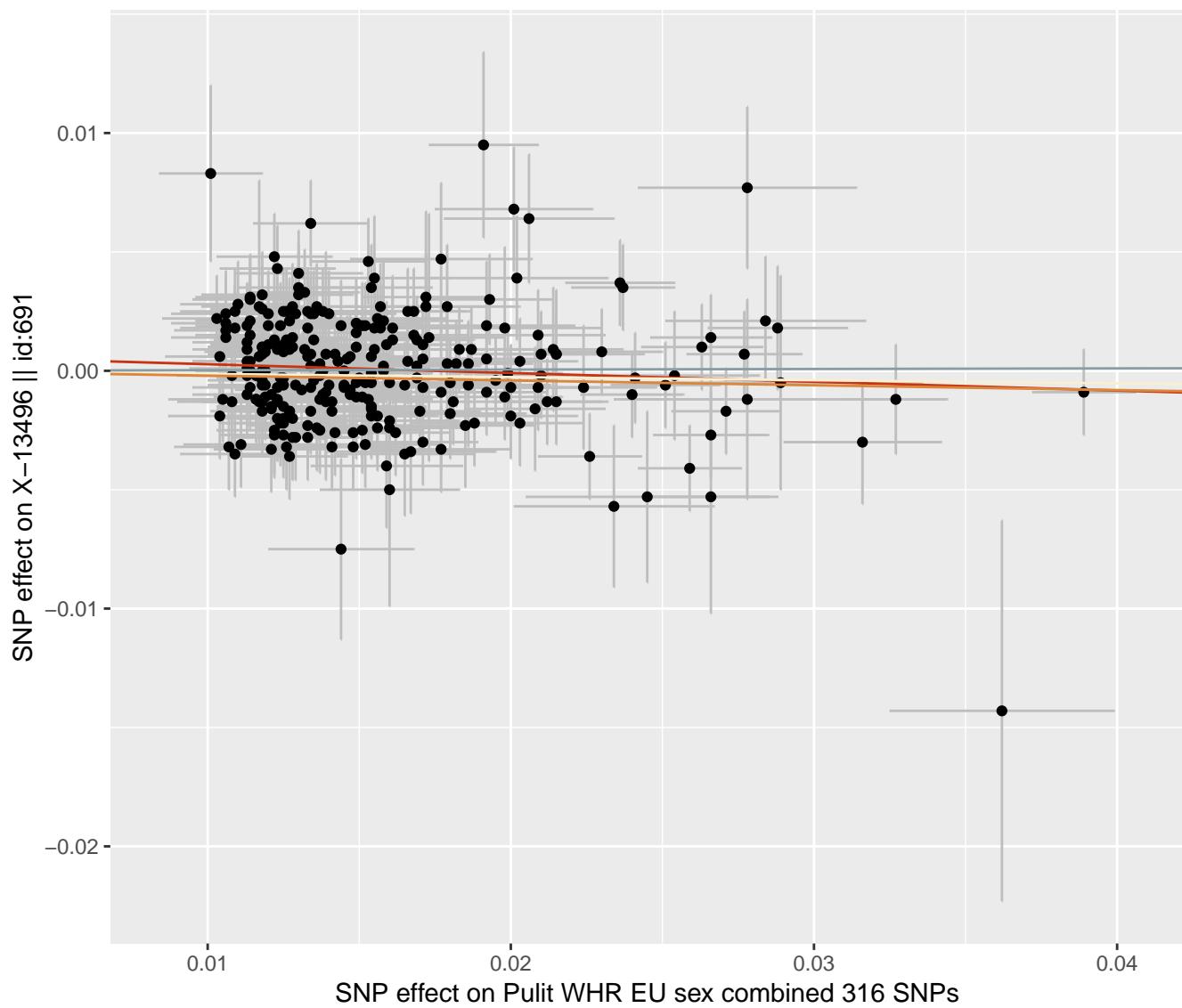
MR Egger



Weighted median

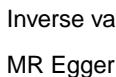


Weighted mode



MR Test

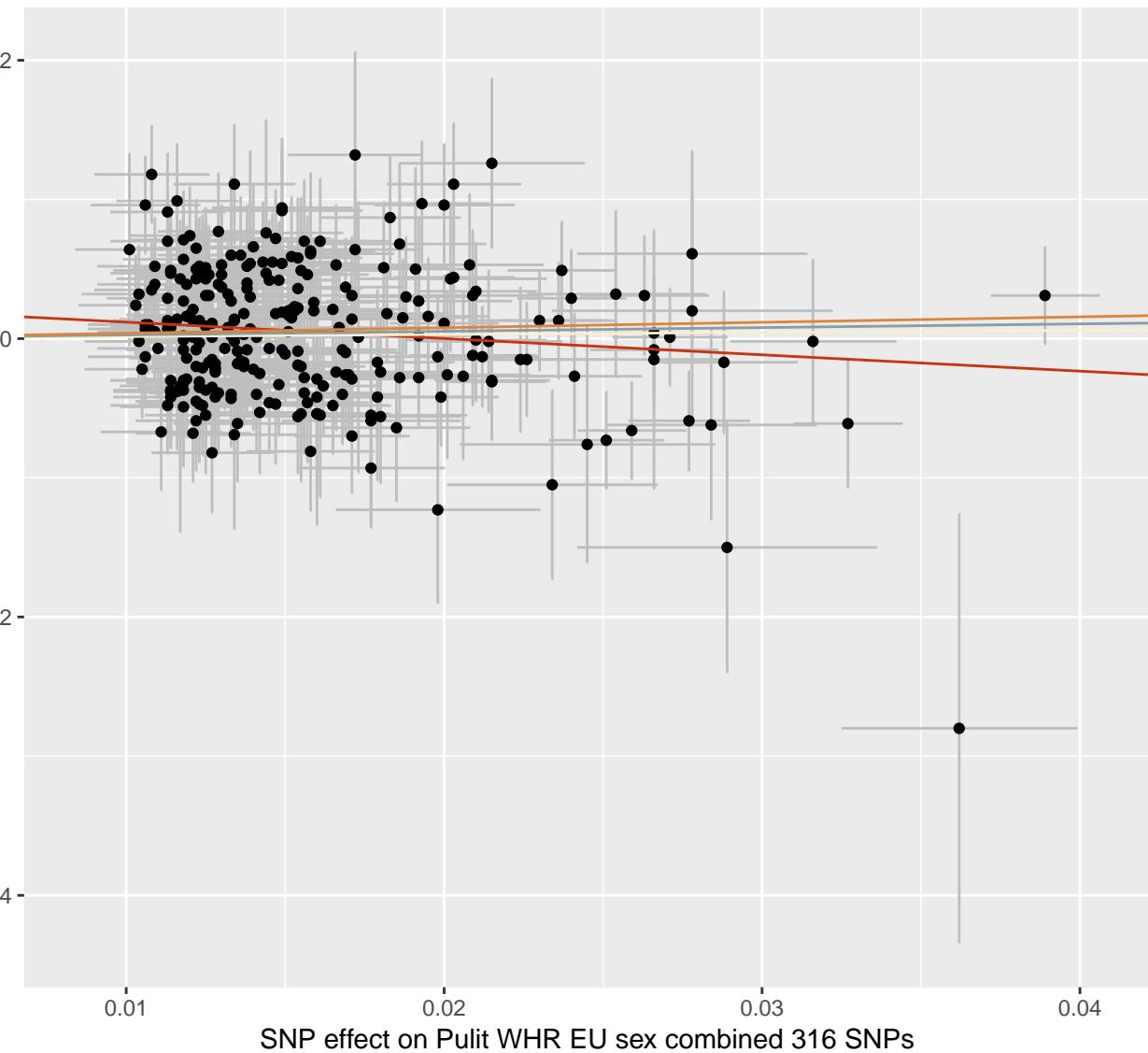
 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode

SNP effect on 1-palmitoylglycerophosphoinositol* || id:692



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-13548 || id:693

0.01

0.02

0.03

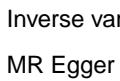
0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

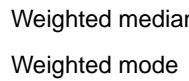
-0.01

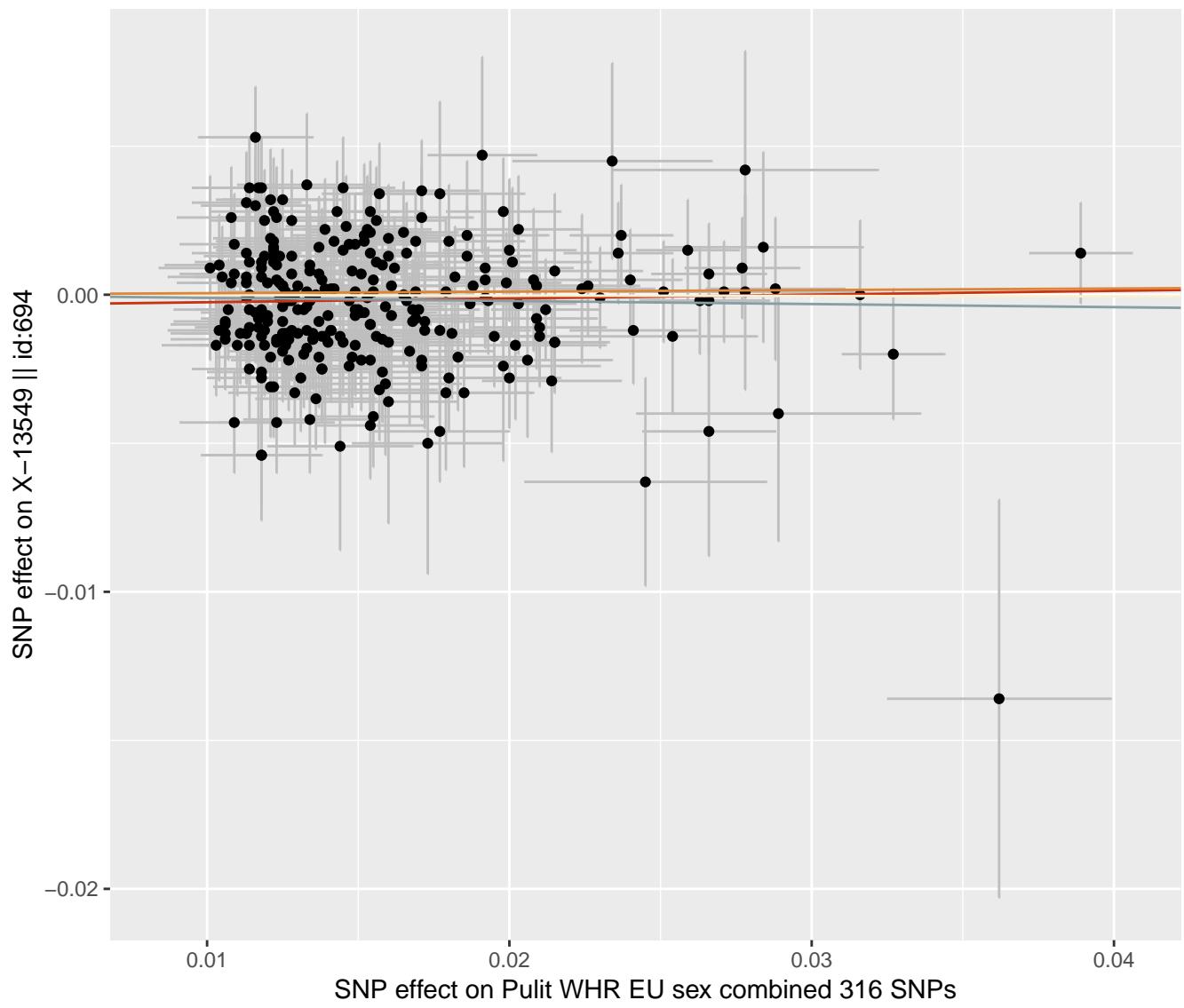
MR Test

 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 X-13553 || id:695

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-13619 || id:696

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

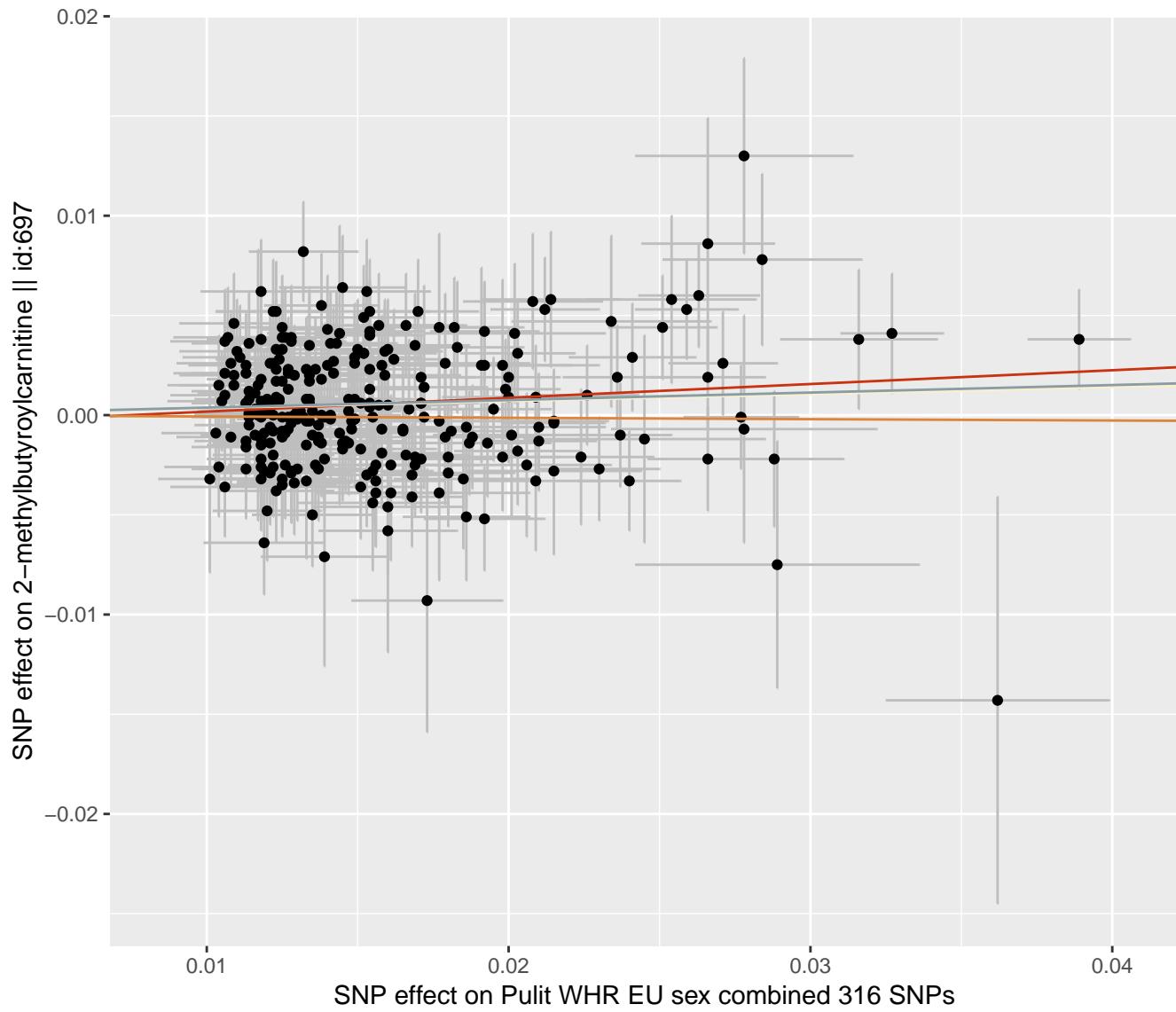
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



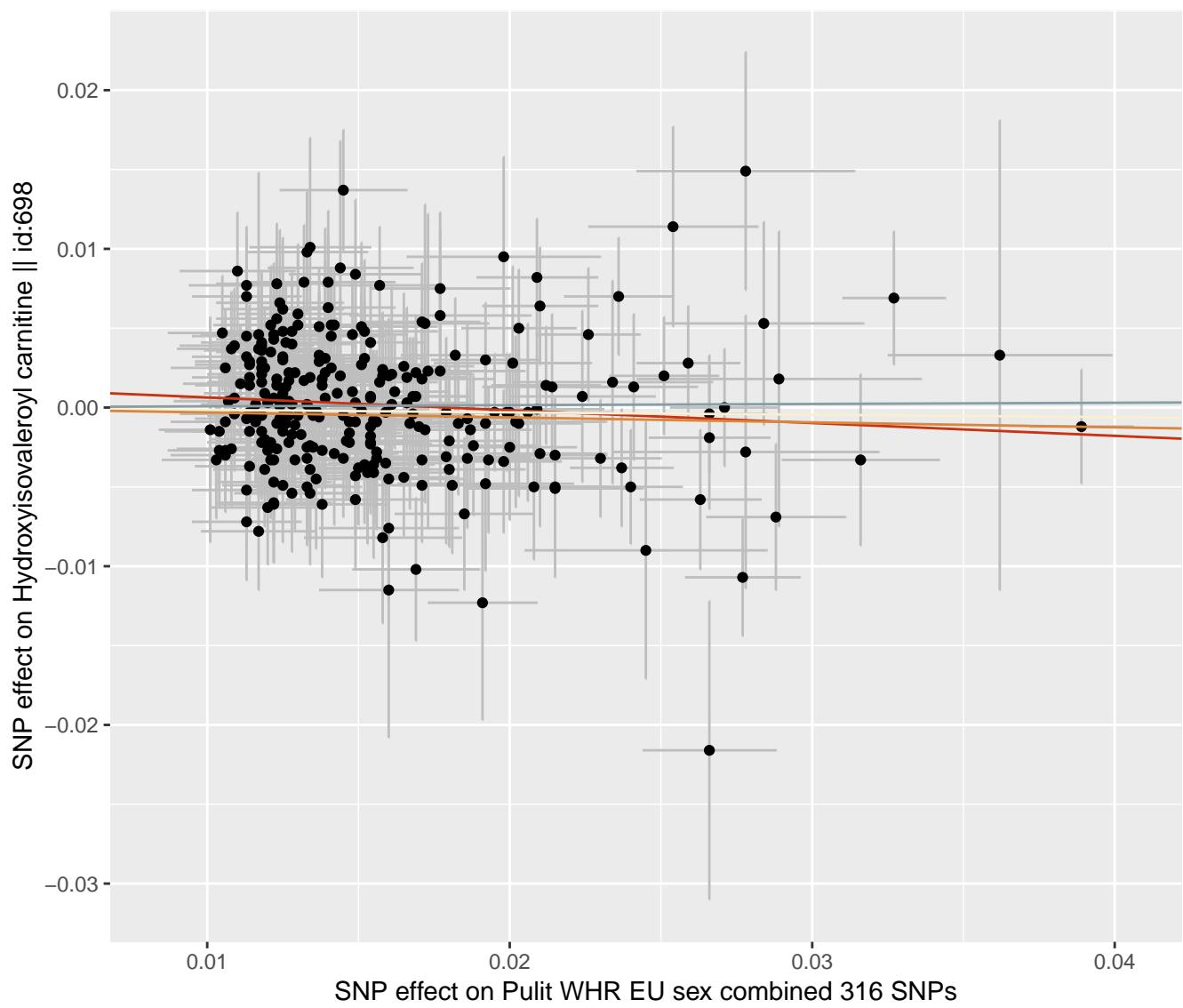
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



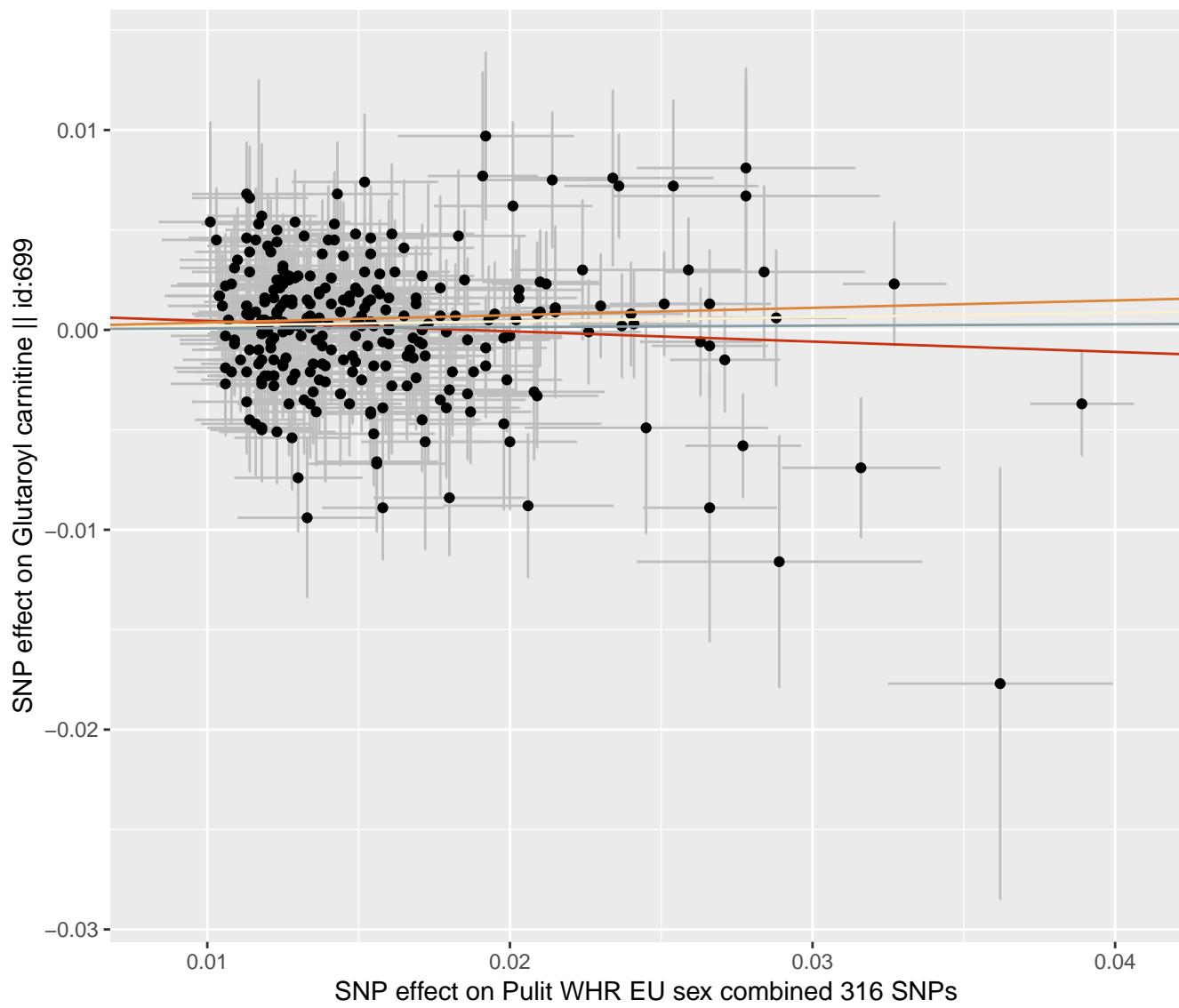
MR Egger



Weighted median

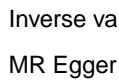


Weighted mode

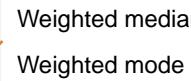


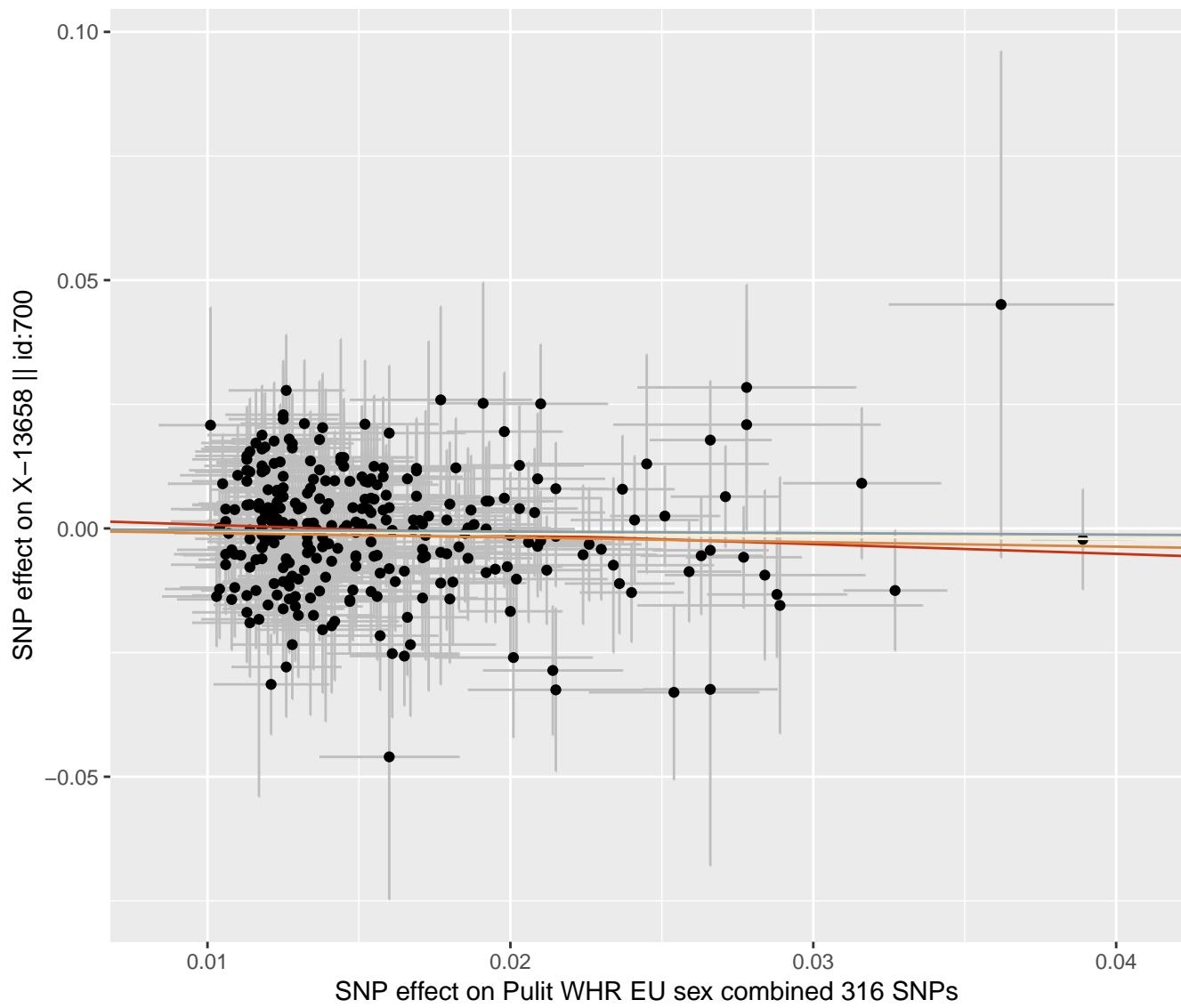
MR Test

 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 X-13671 || id:701

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

0.01

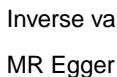
0.00

-0.01

-0.02

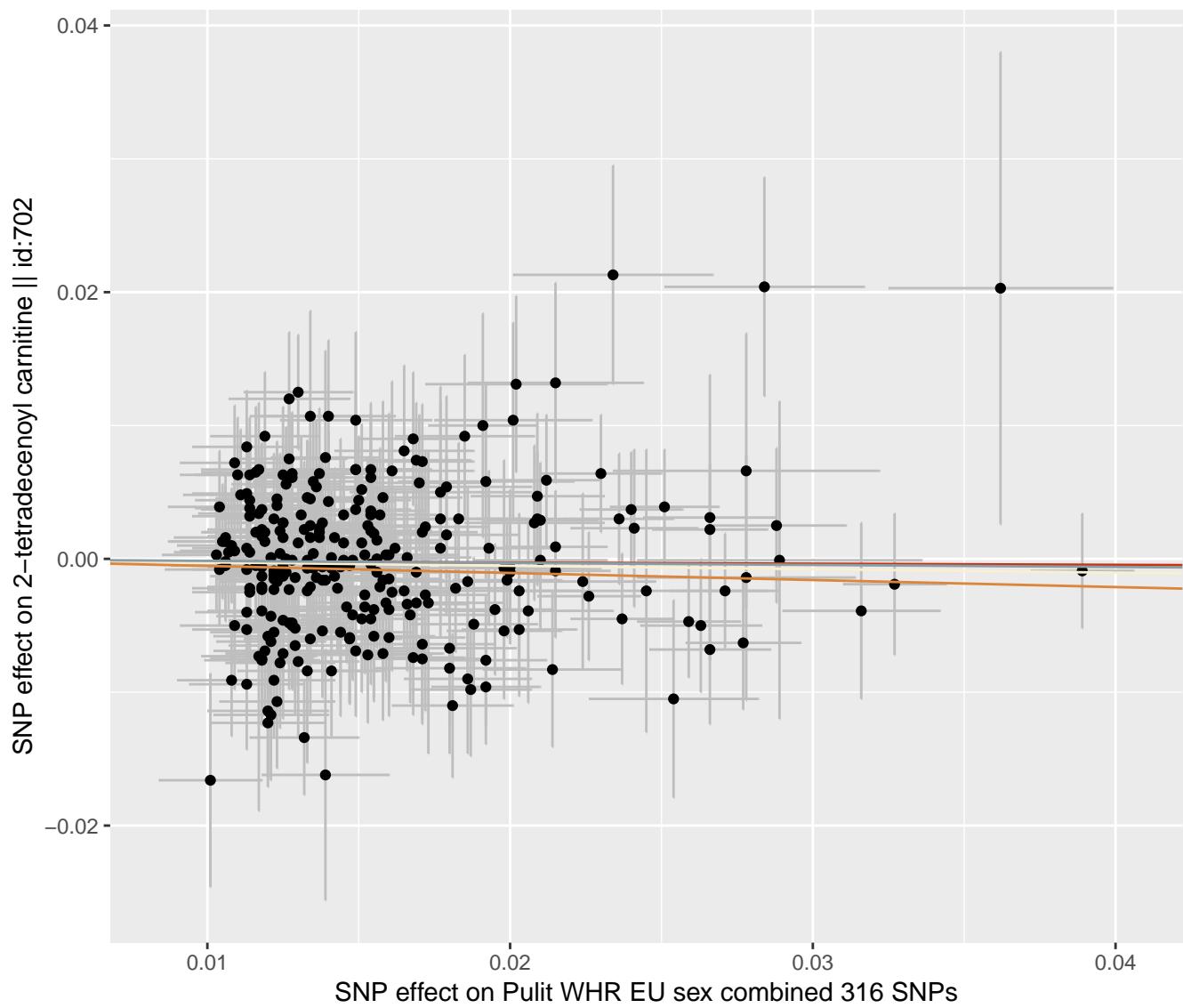
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



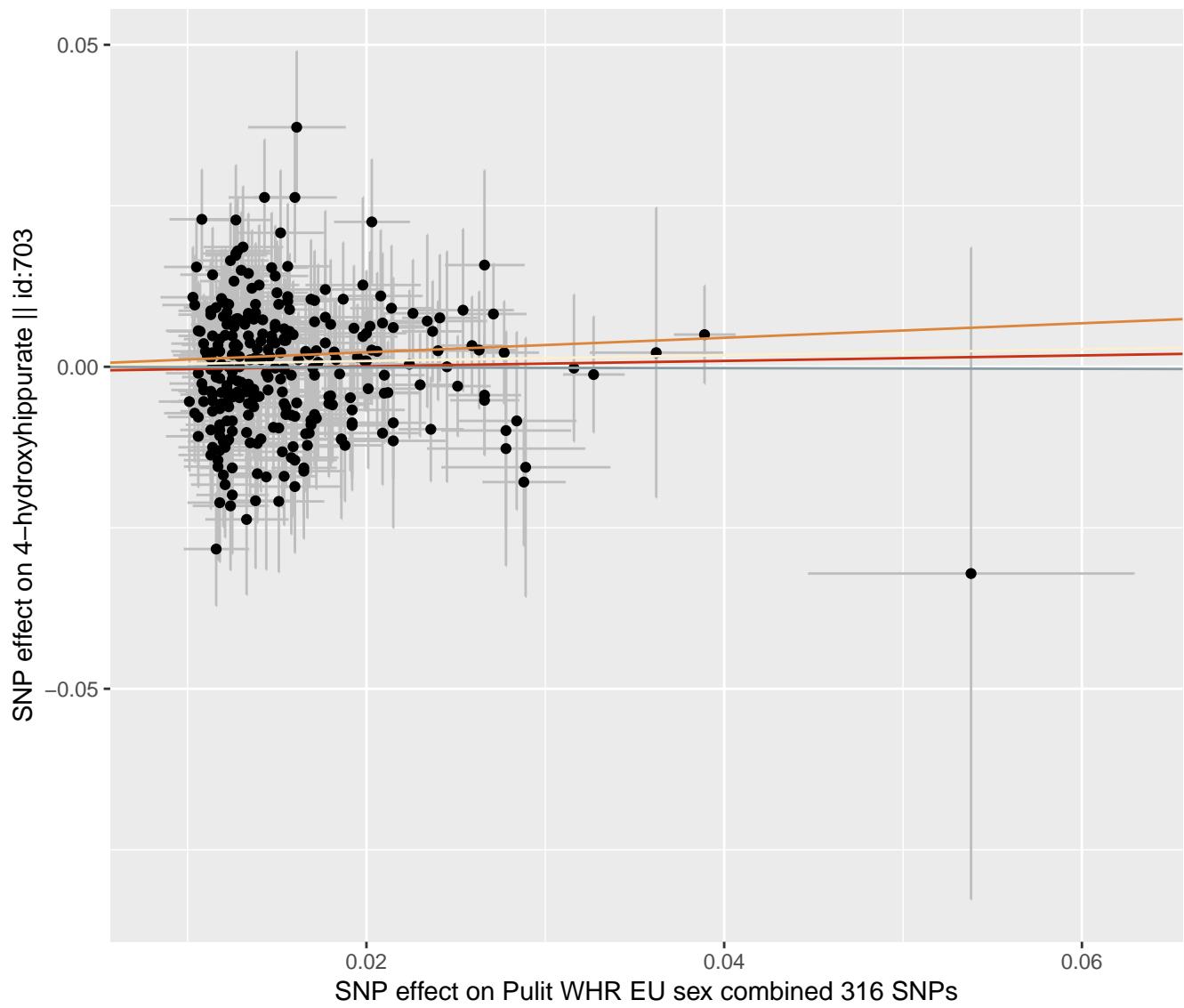
MR Egger



Weighted median



Weighted mode



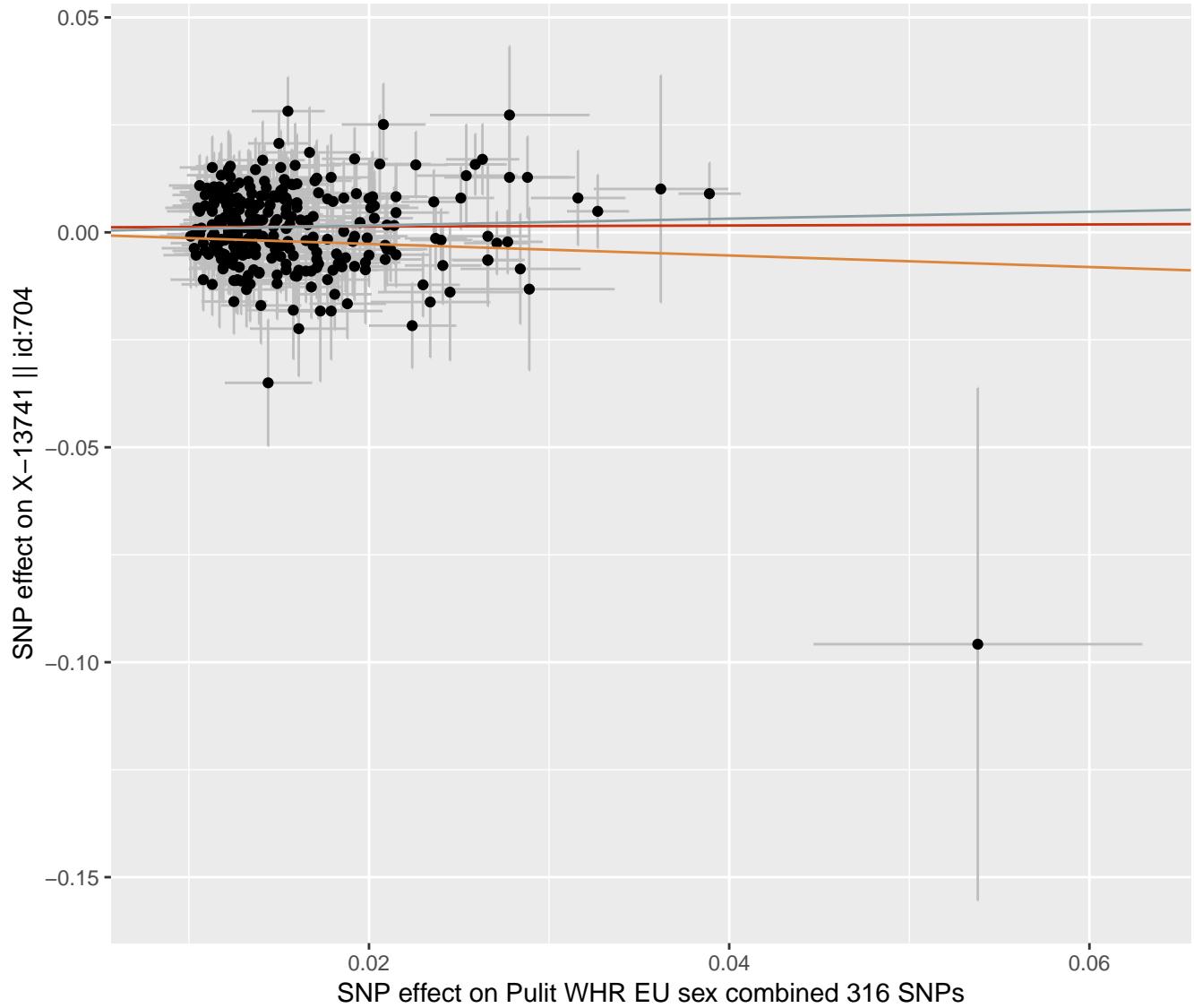
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



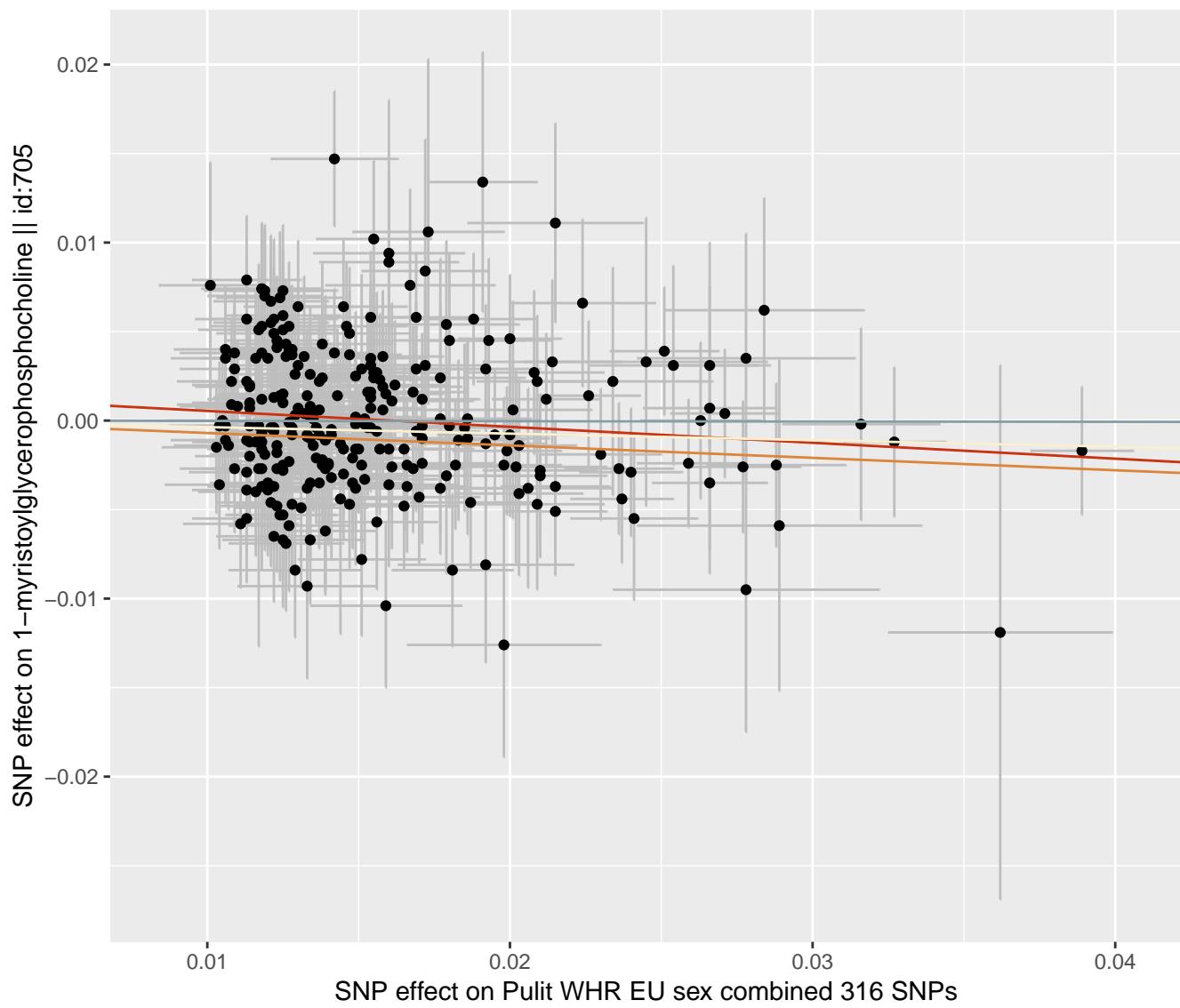
MR Egger



Weighted median

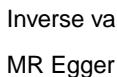


Weighted mode



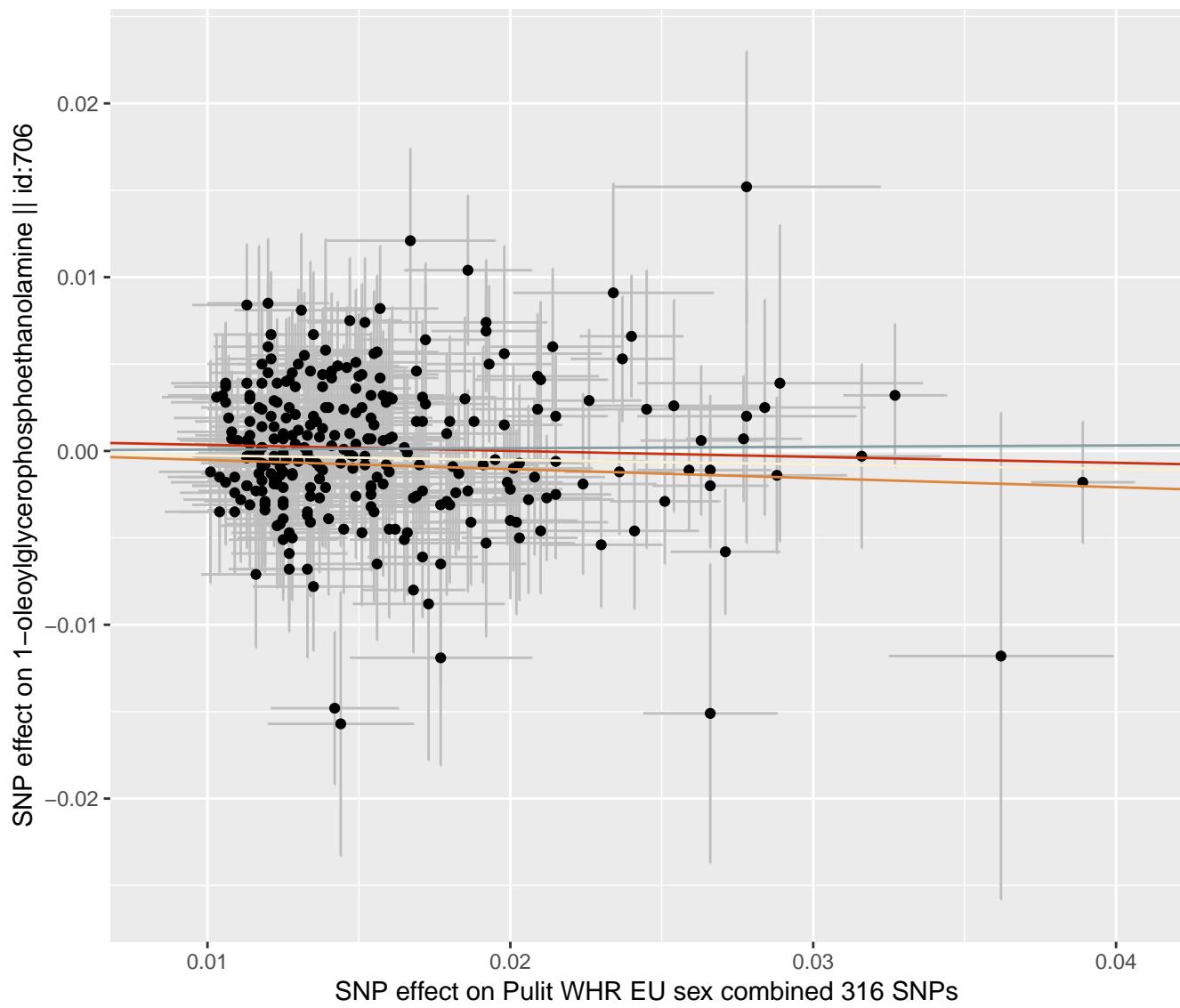
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

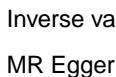
 Weighted median

 Weighted mode



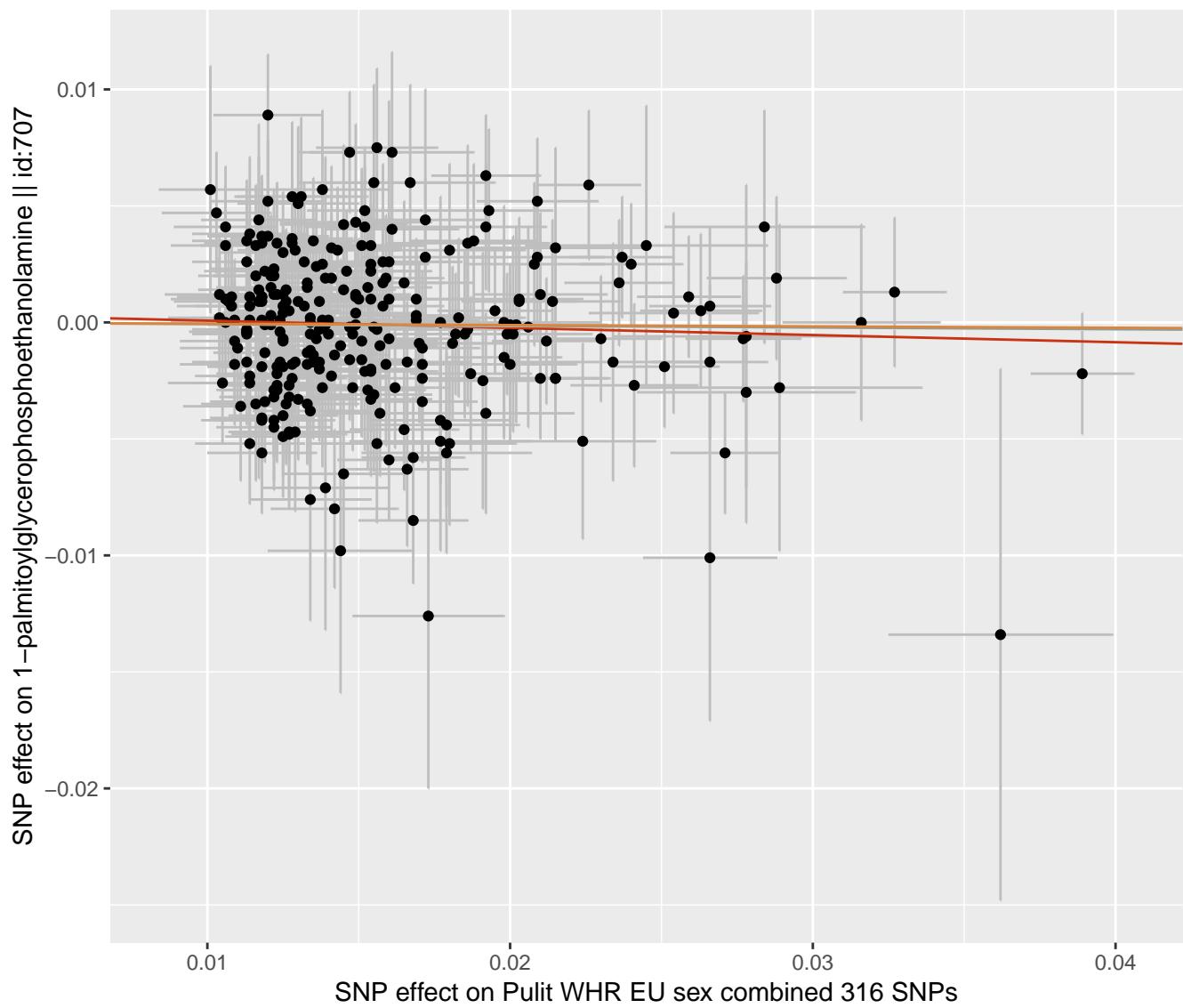
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



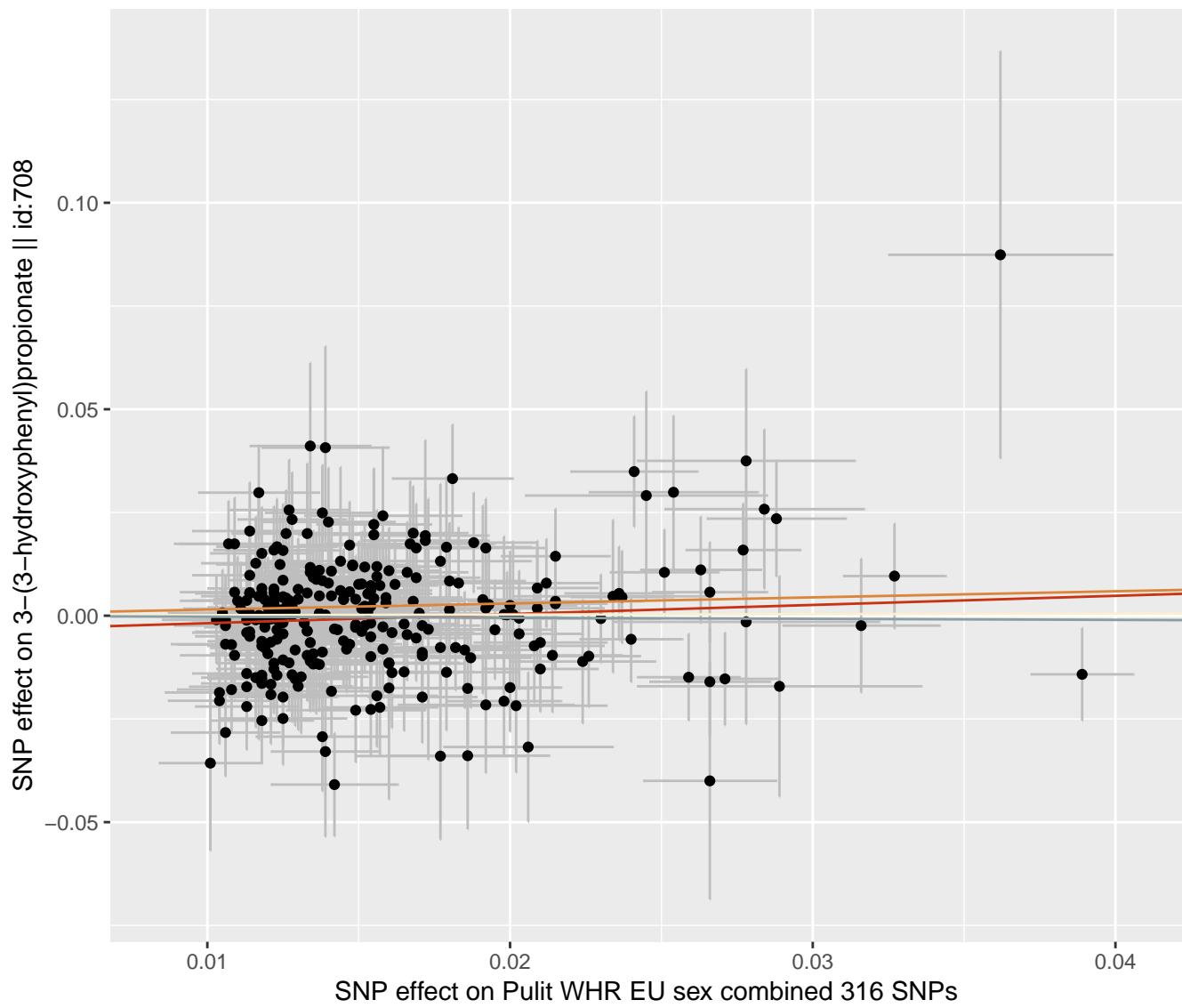
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



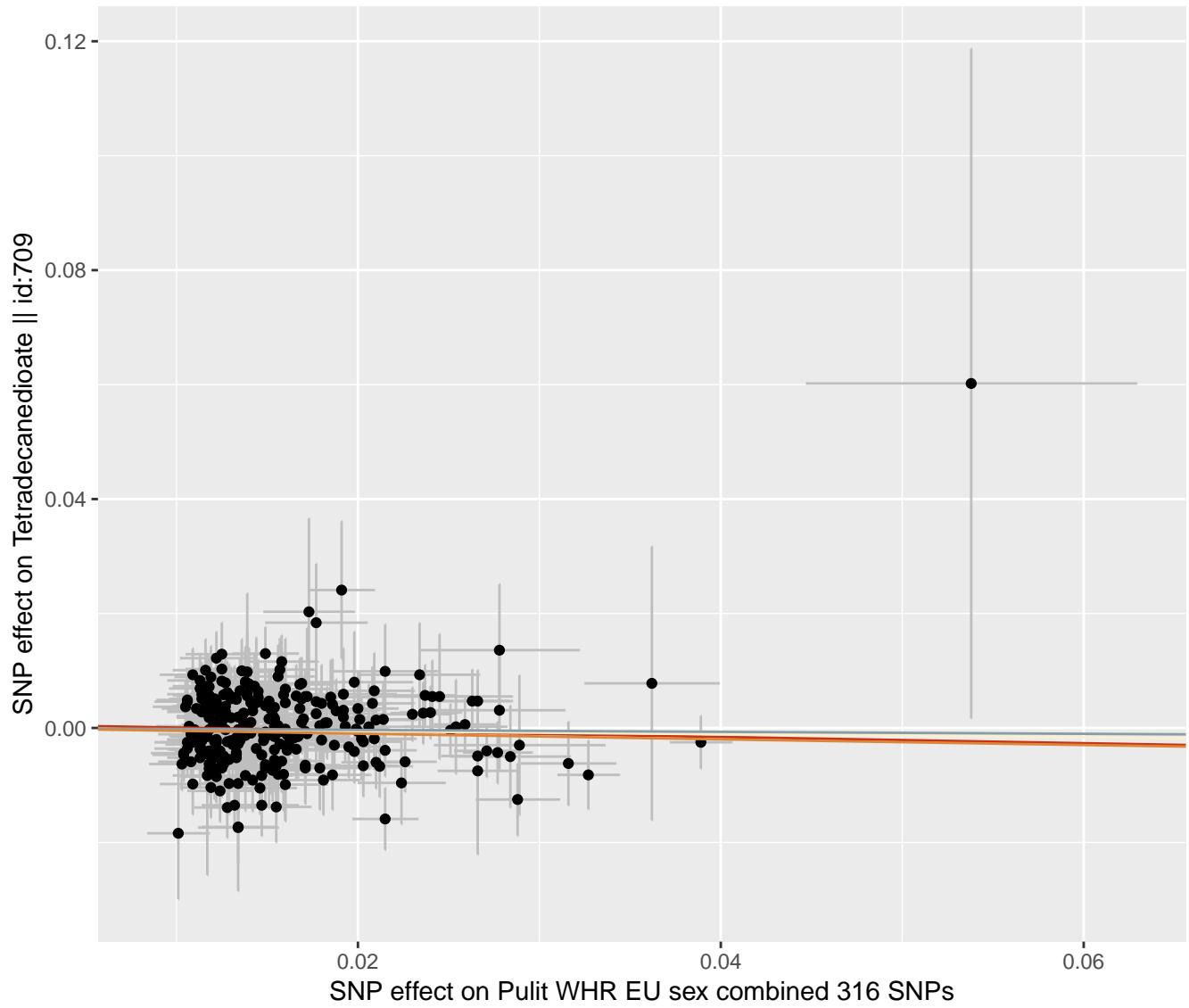
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

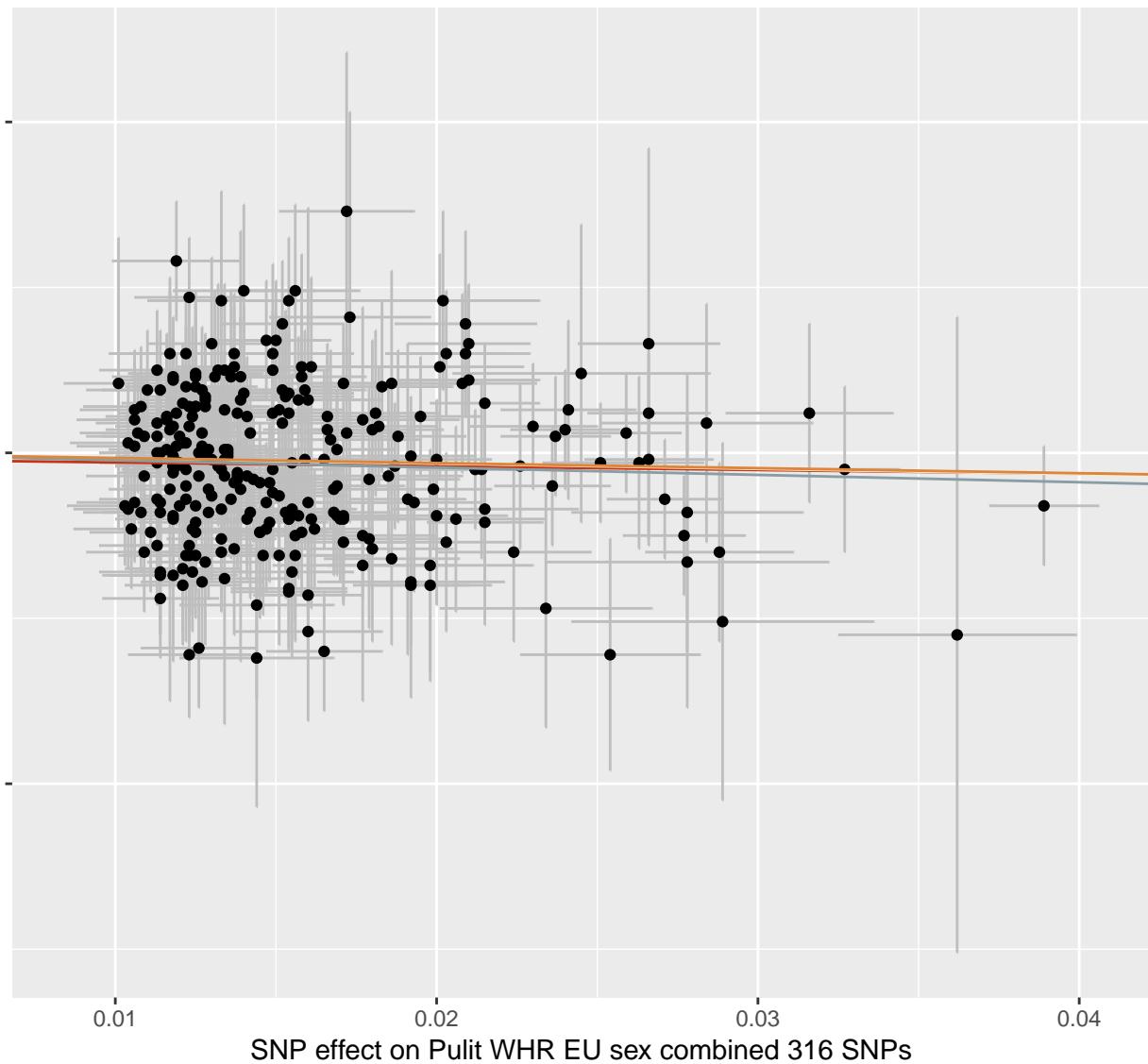


Weighted median



Weighted mode

SNP effect on 2-hydroxypalmitate || id:710



MR Test



Inverse variance weighted (multiplicative random effects)



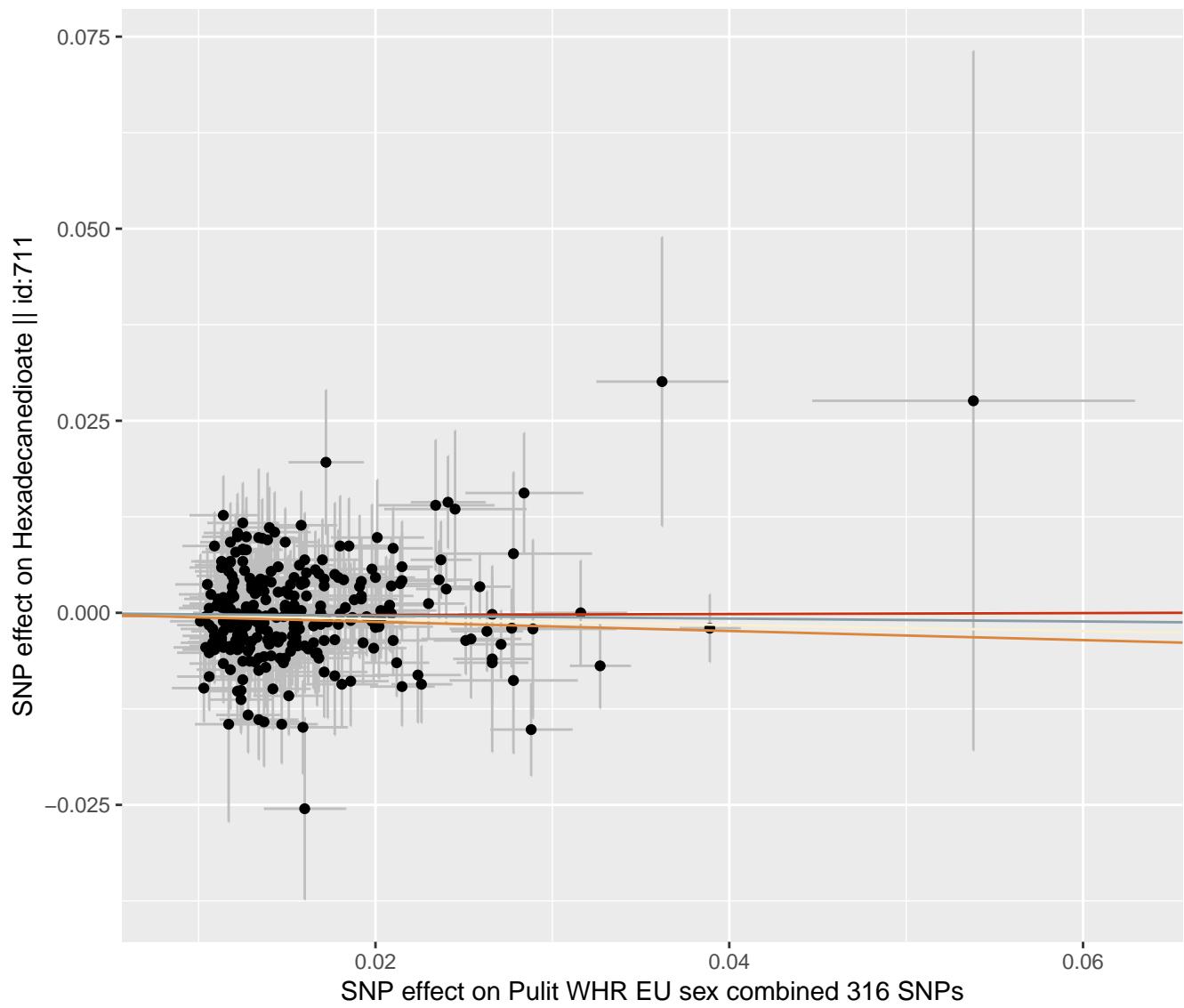
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on Dihomo- α -linolenate (20:3n3 or n6) || id:712

0.01

0.02

0.03

0.04

SNP effect on Pulit WHR EU sex combined 316 SNPs

0.01

0.00

-0.01

-0.02

0.01 0.02 0.03 0.04

0.01 0.02 0.03 0.04

0.01 0.02 0.03 0.04

0.01 0.02 0.03 0.04

0.01 0.02 0.03 0.04

0.01 0.02 0.03 0.04

MR Test



Inverse variance weighted (multiplicative random effects)



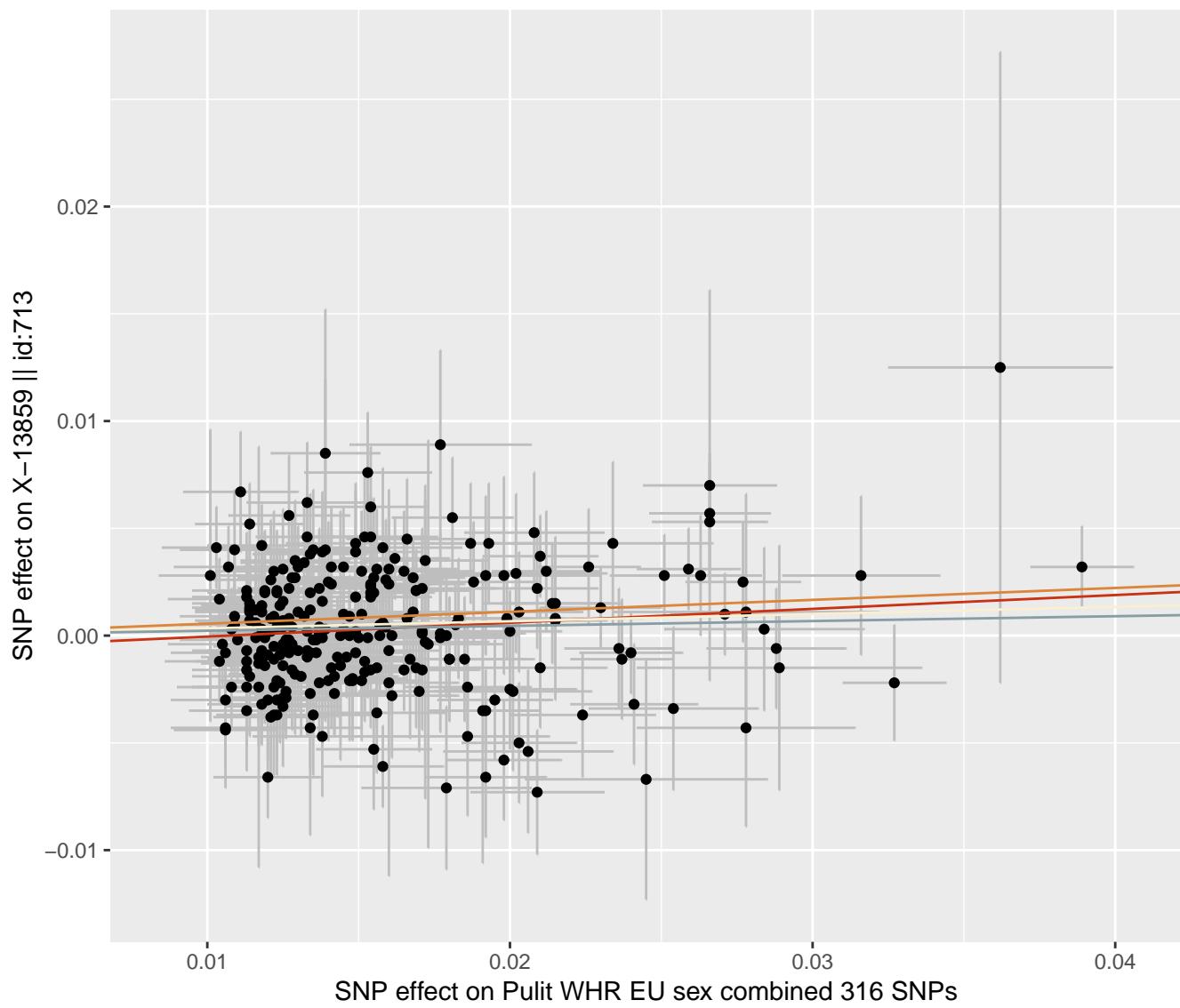
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

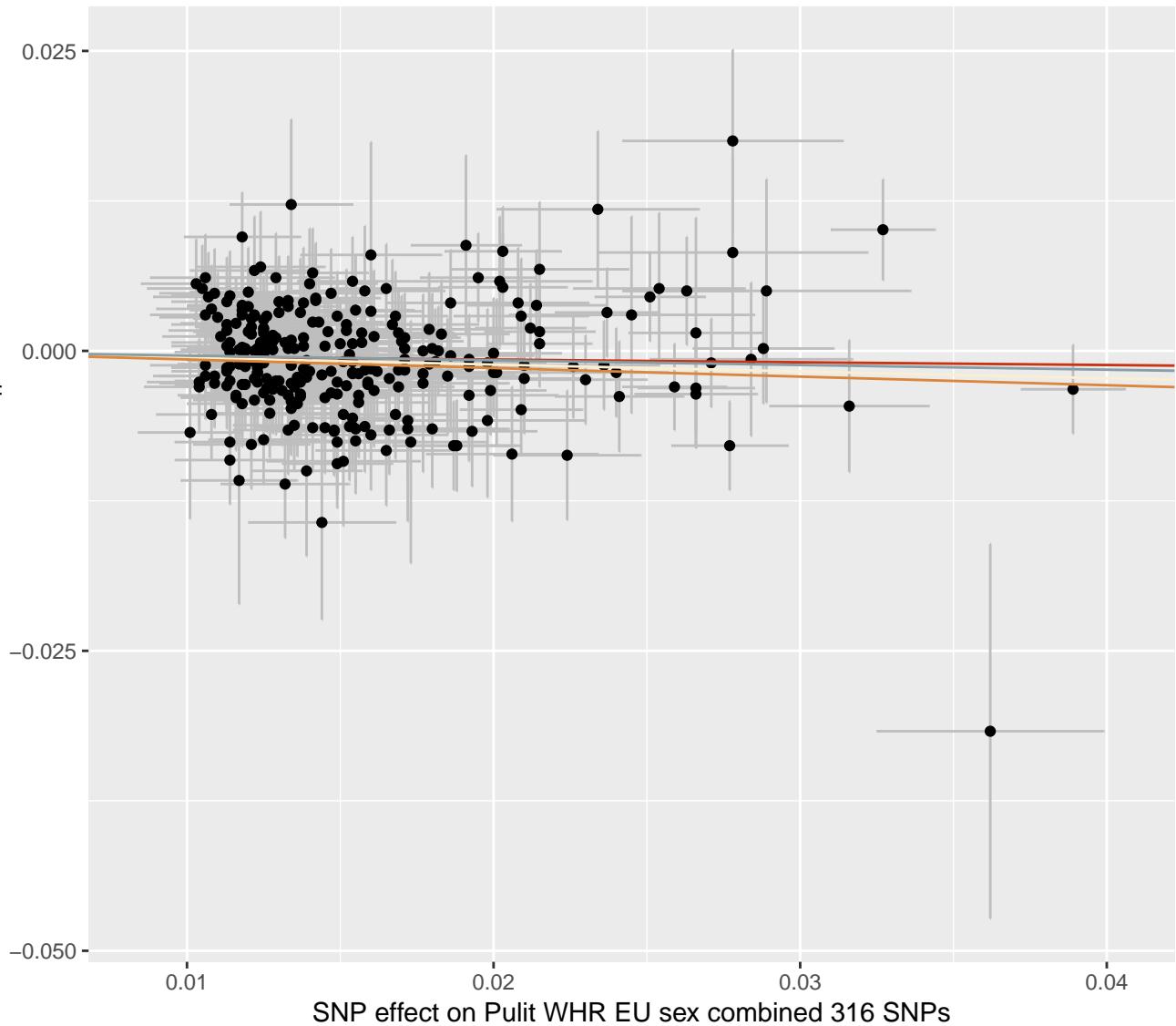


Weighted median



Weighted mode

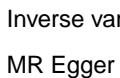
SNP effect on Threitol || id:714



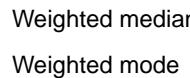
SNP effect on Pullet WHR EU sex combined 316 SNPs

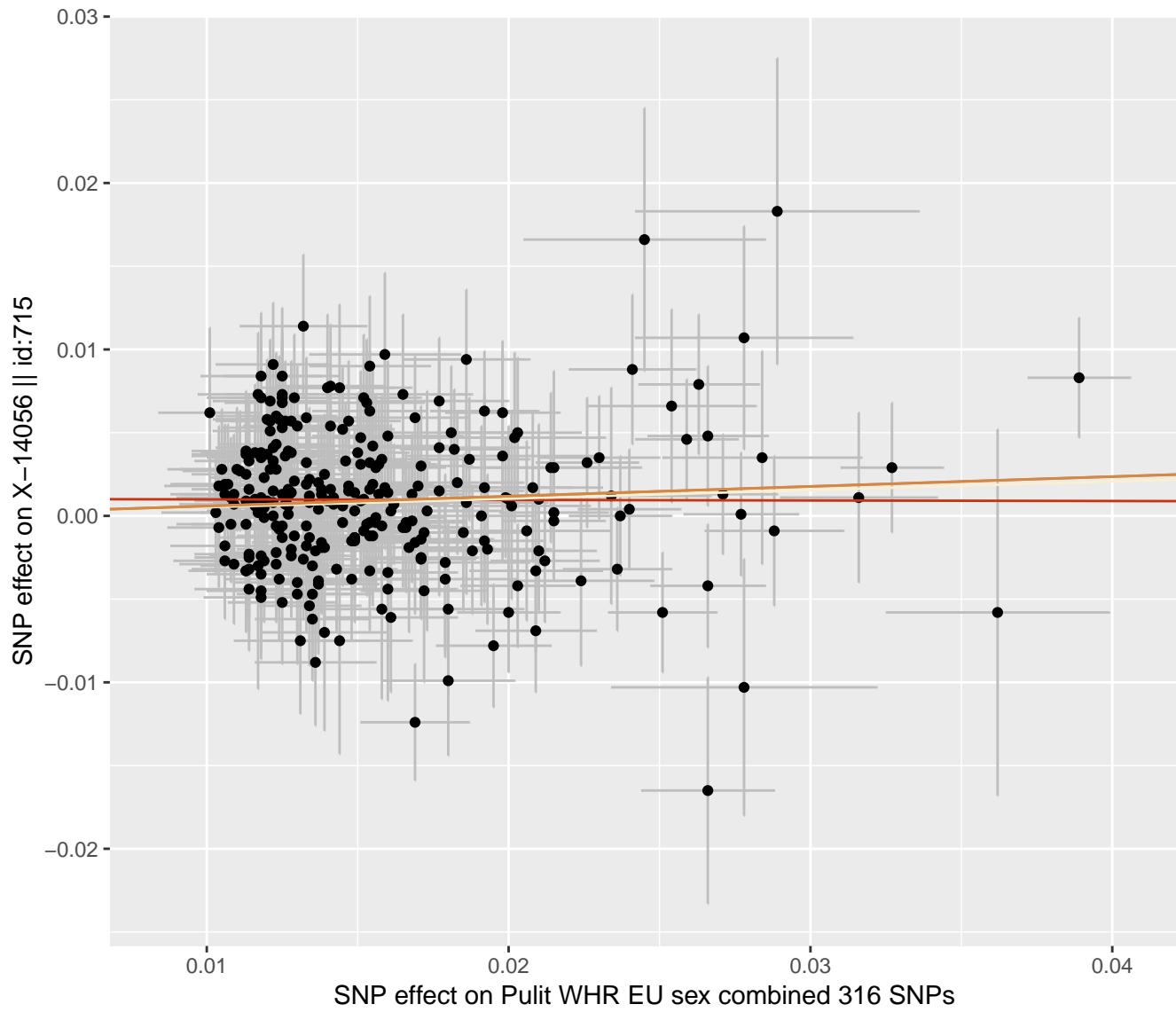
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

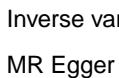
 Weighted median

 Weighted mode



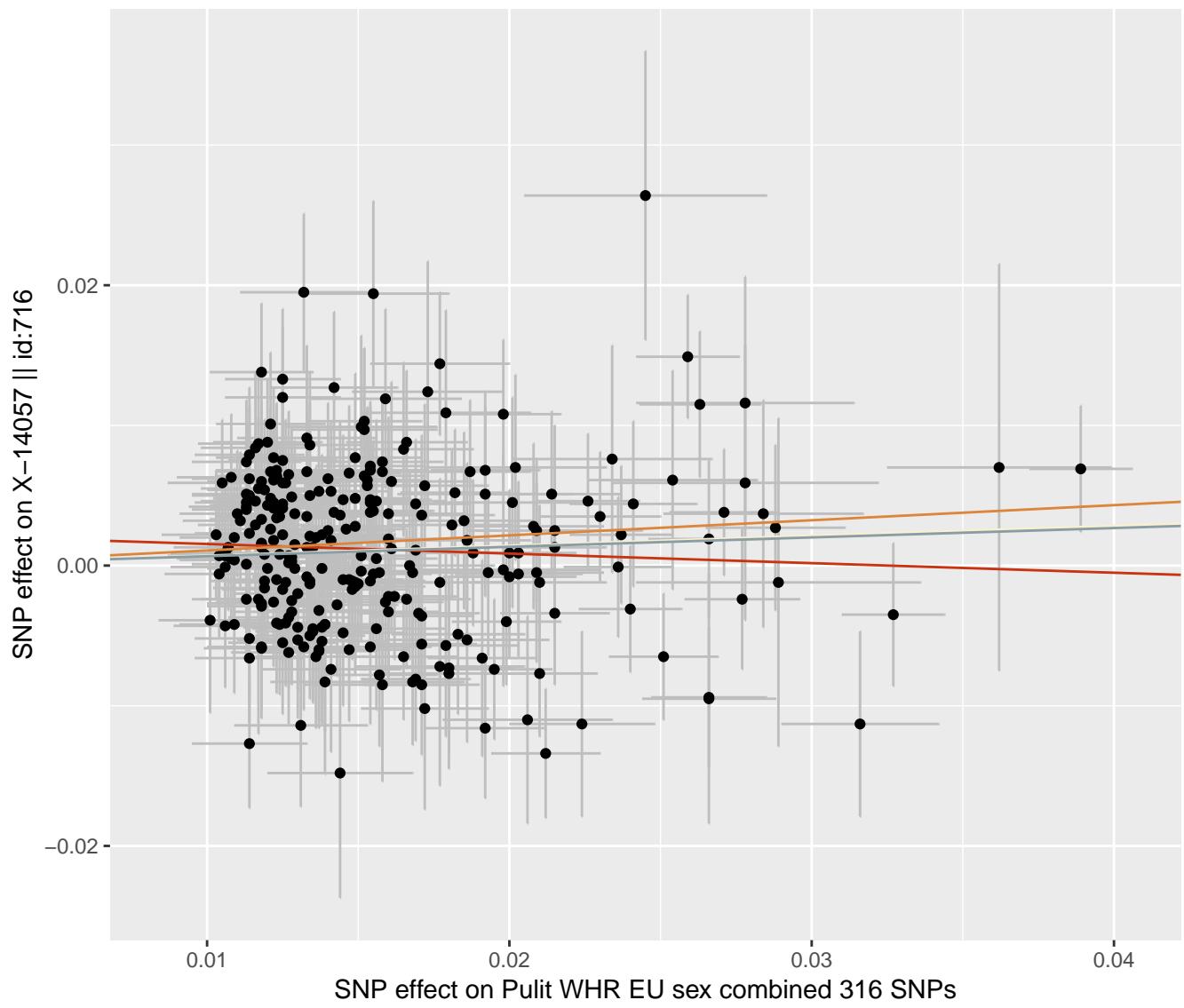
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

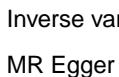
 Weighted median

 Weighted mode



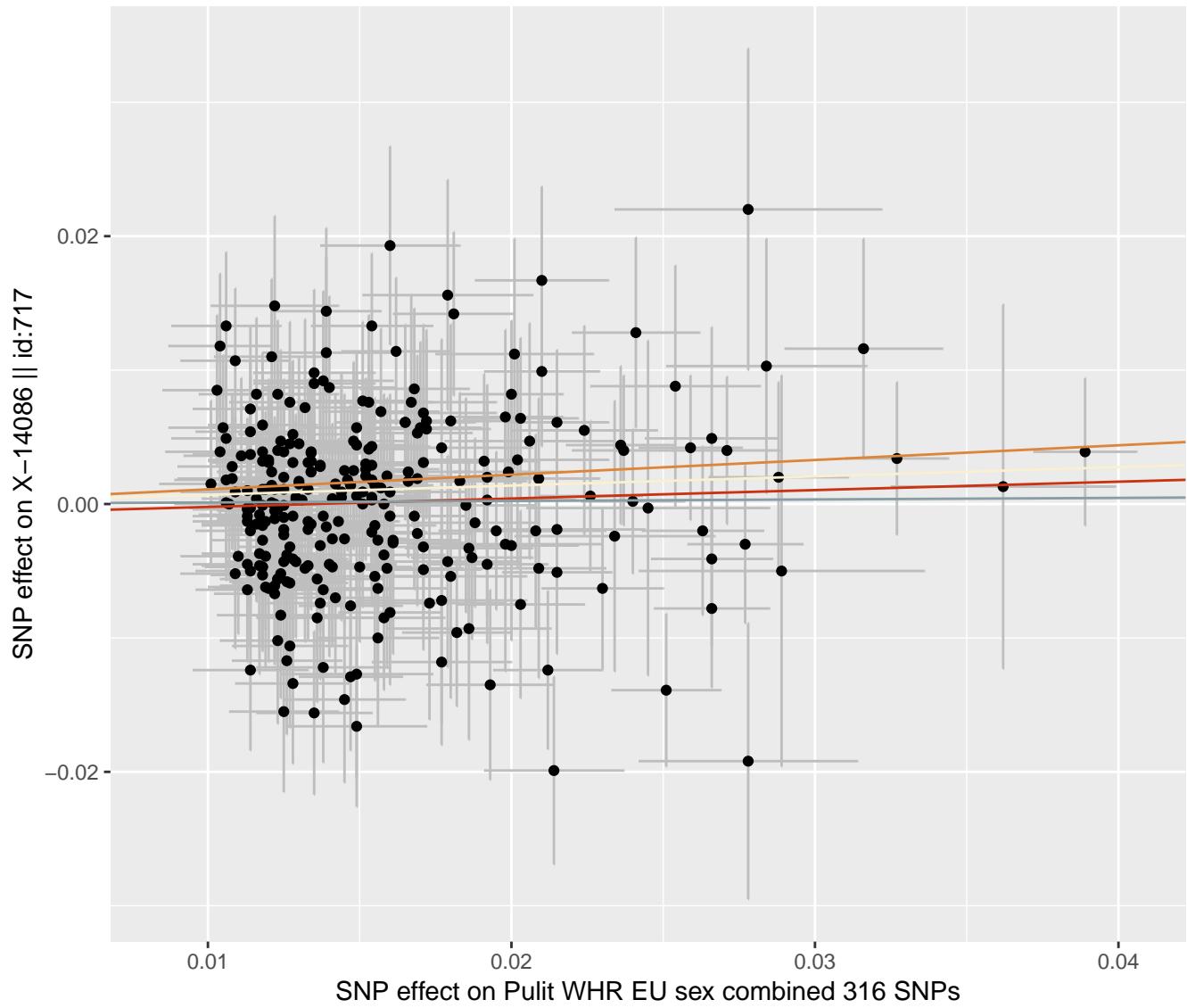
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



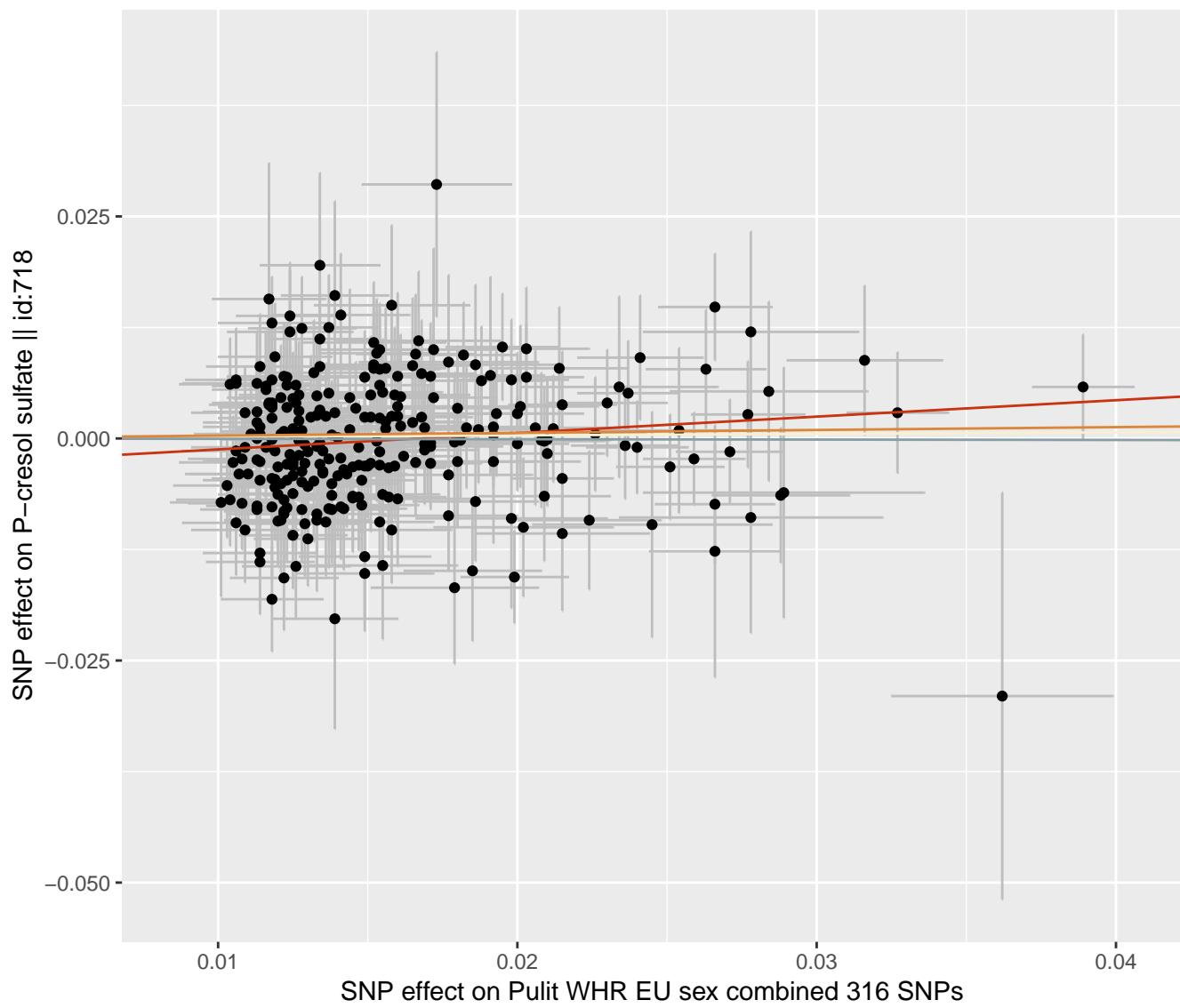
MR Egger



Weighted median

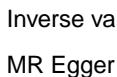


Weighted mode



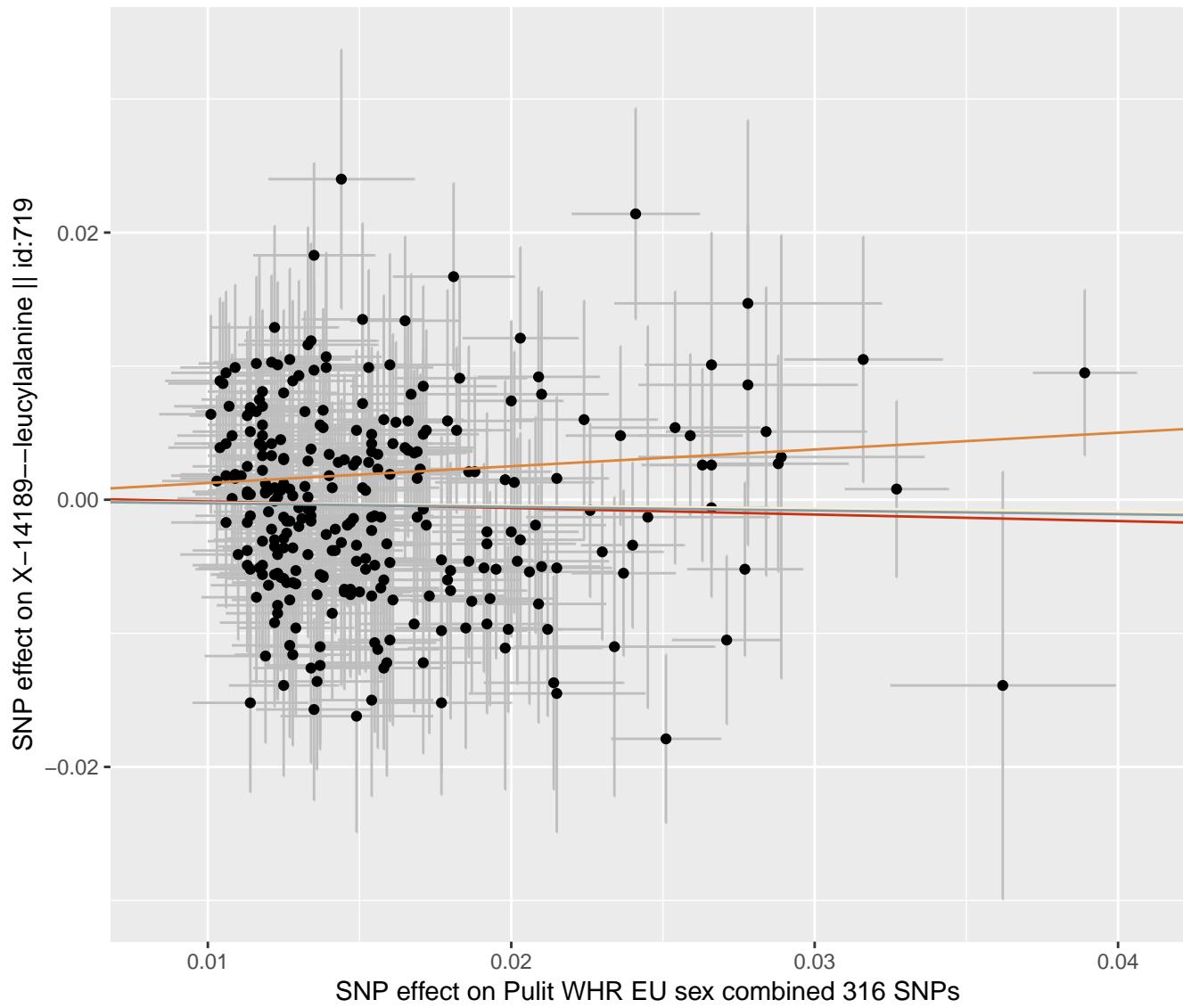
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



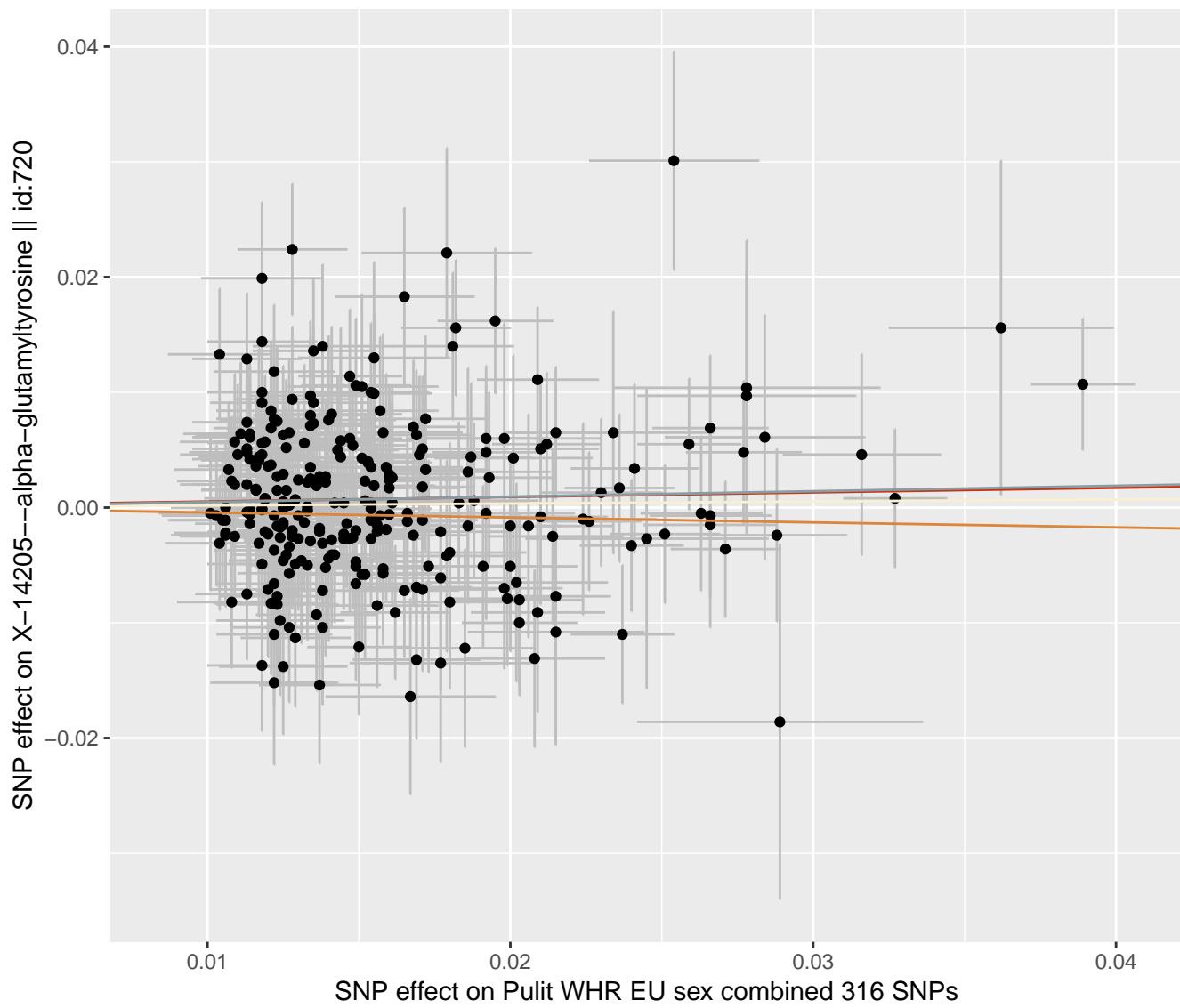
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



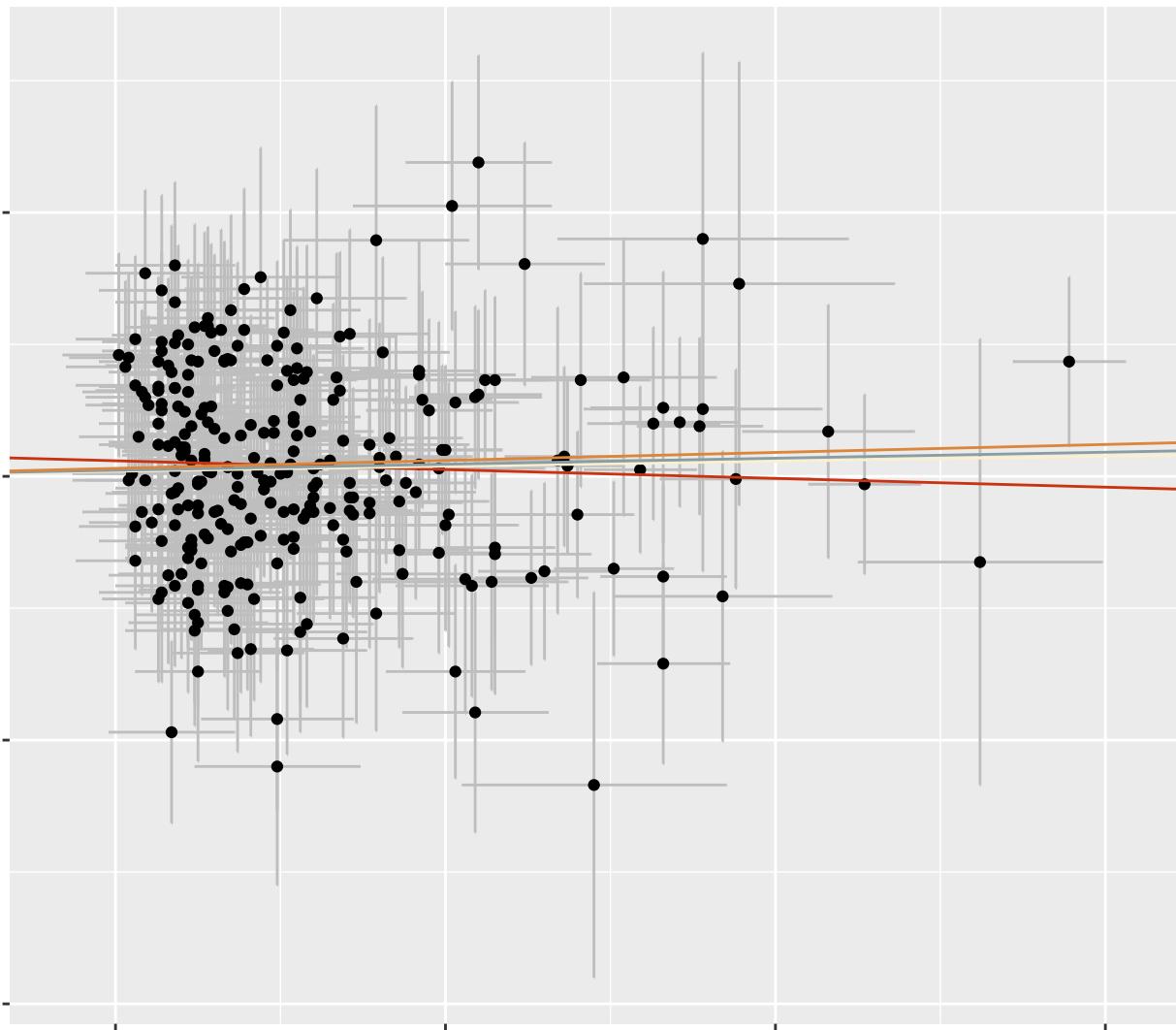
Weighted median



Weighted mode

SNP effect on X-14208-phenylalanylserine || id:721

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



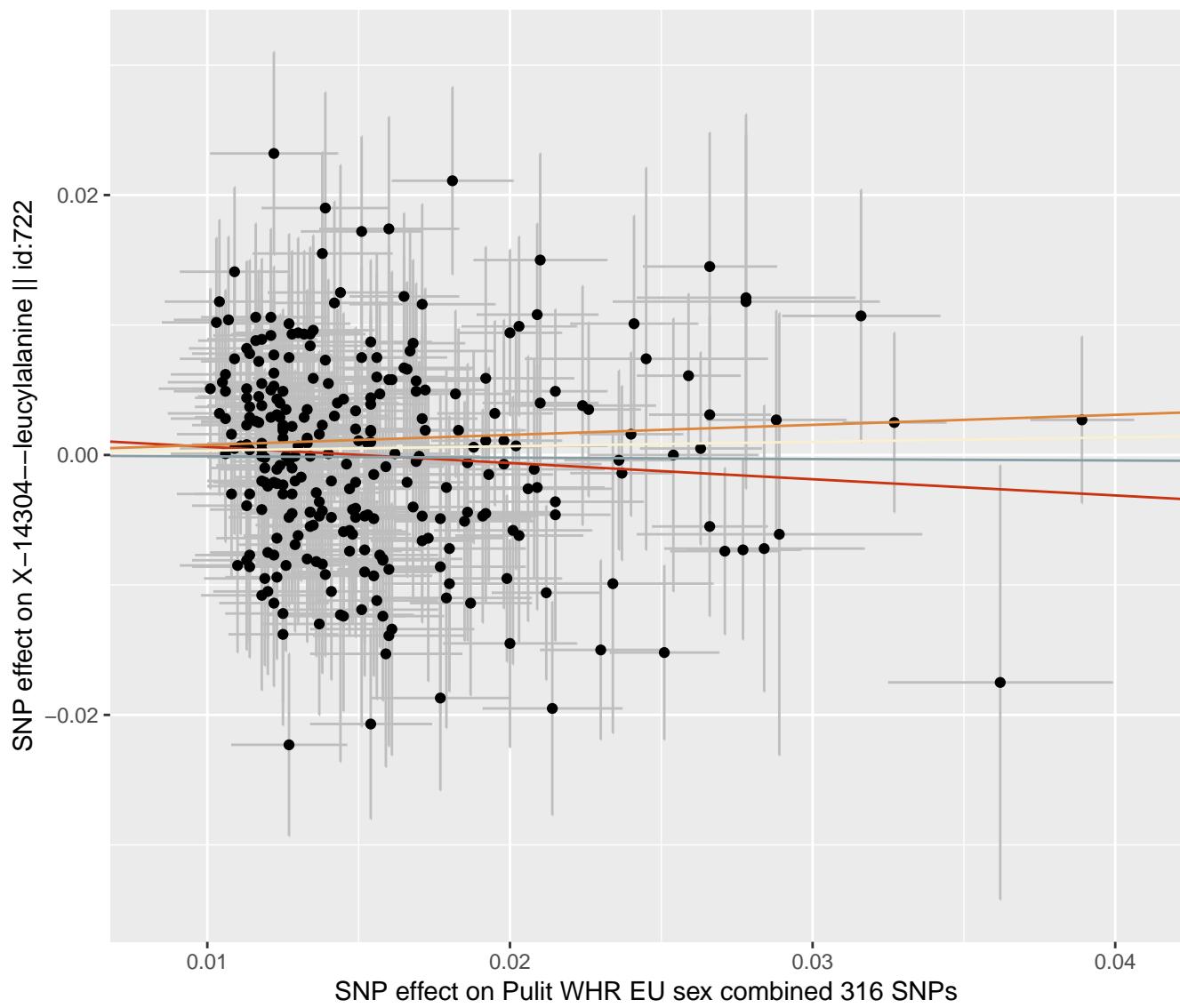
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



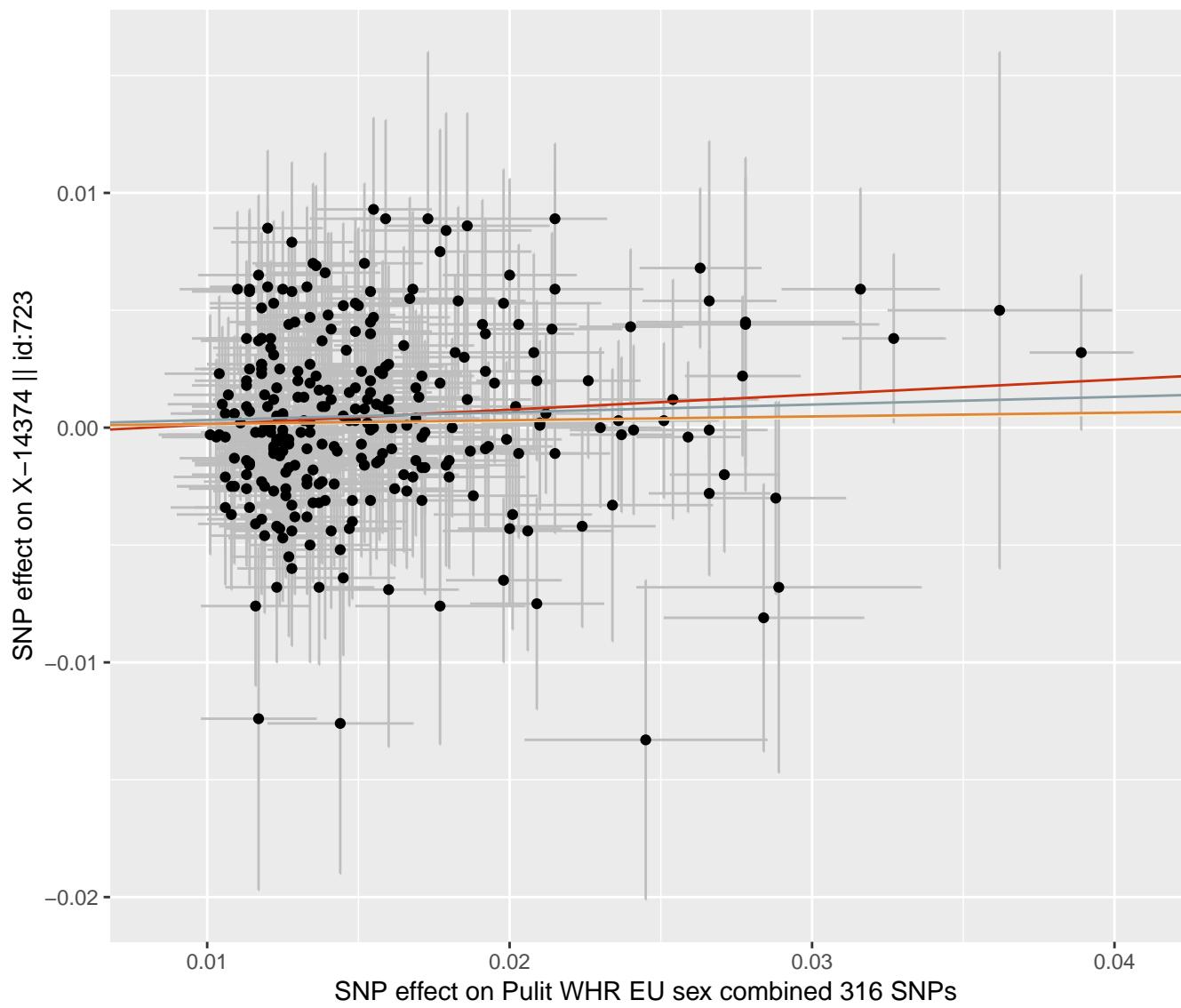
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



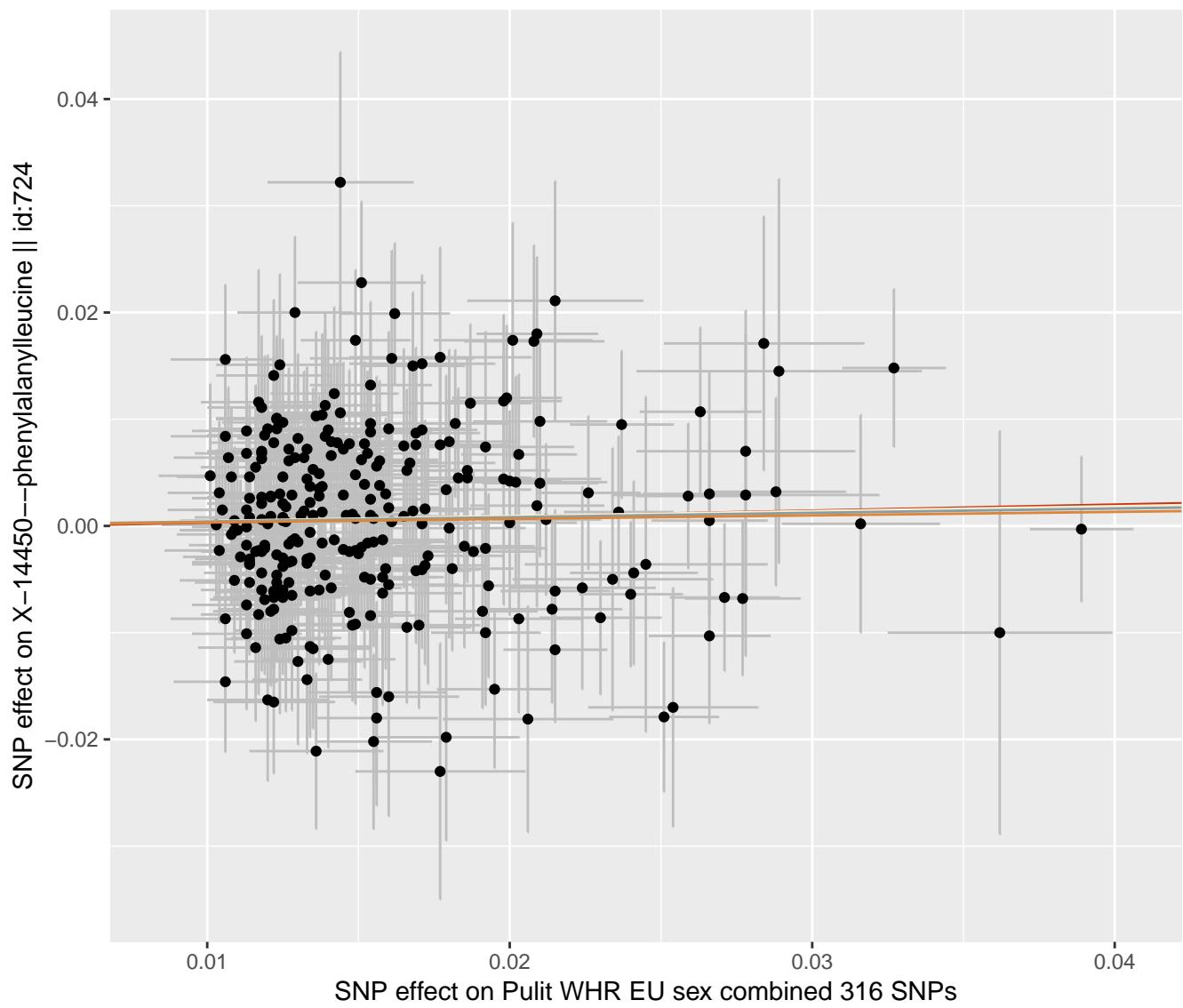
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

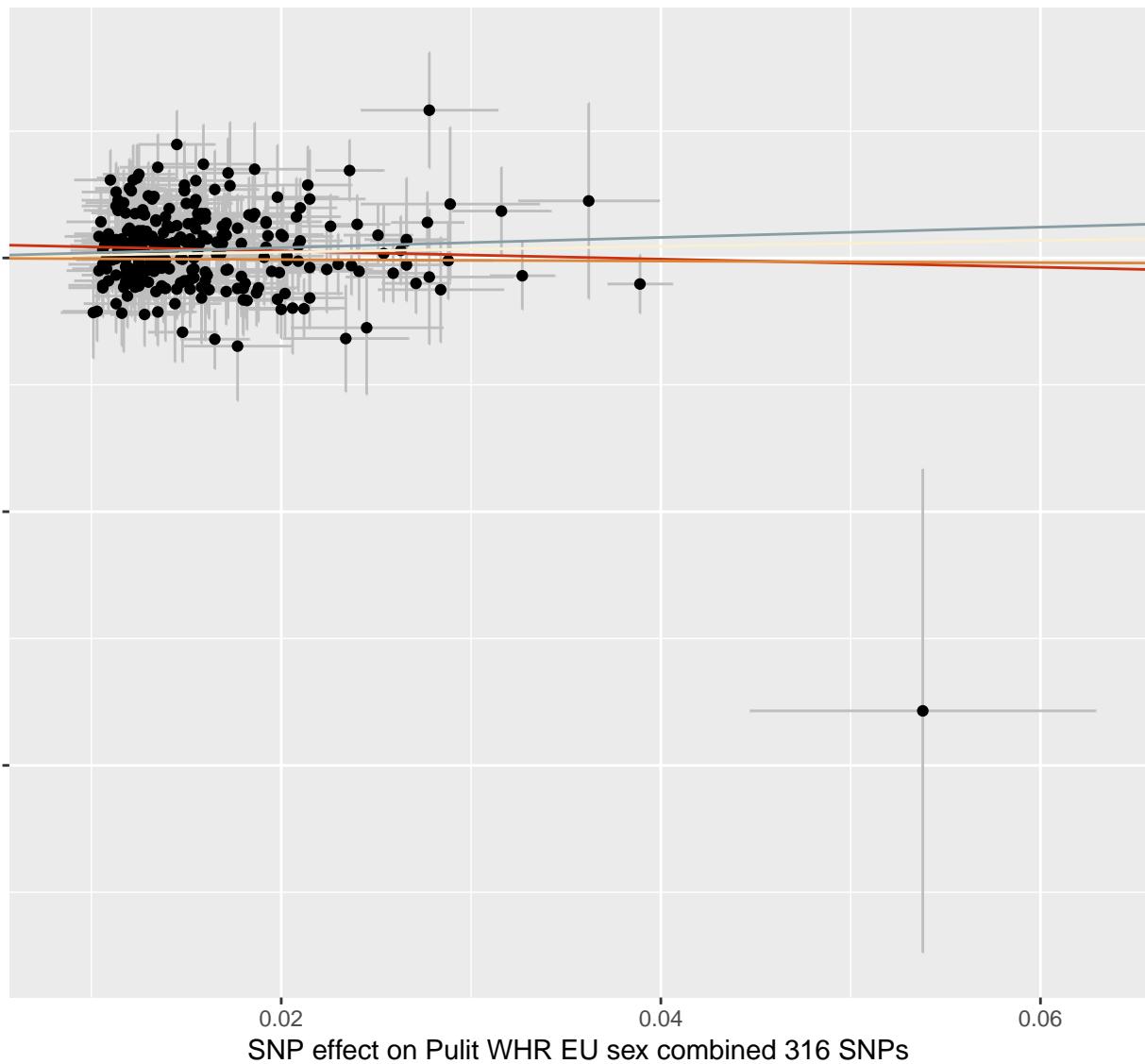


Weighted median



Weighted mode

SNP effect on X-14473 || id:725



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

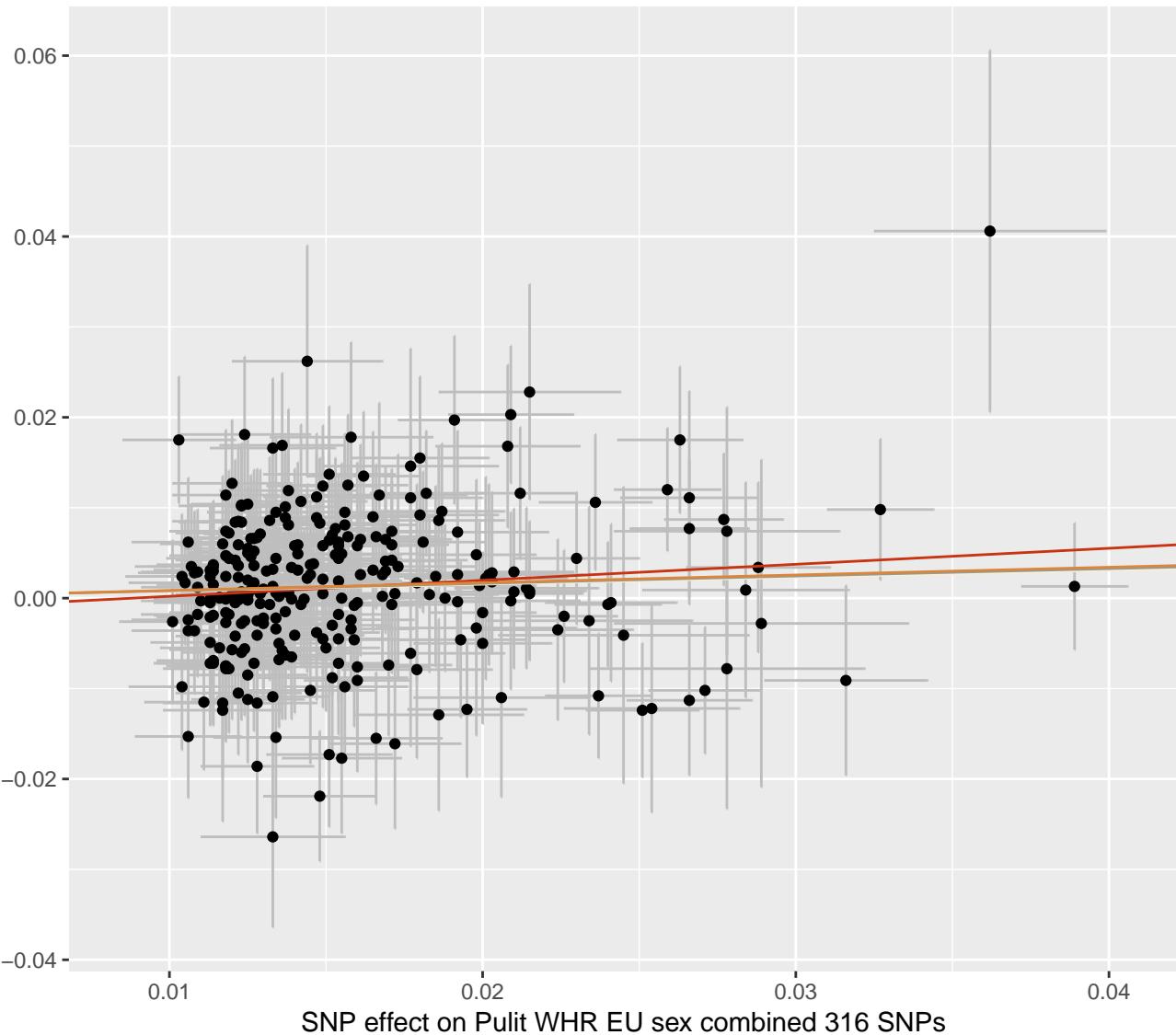


Weighted median



Weighted mode

SNP effect on X-14541 || id:726



SNP effect on Pult WHR EU sex combined 316 SNPs

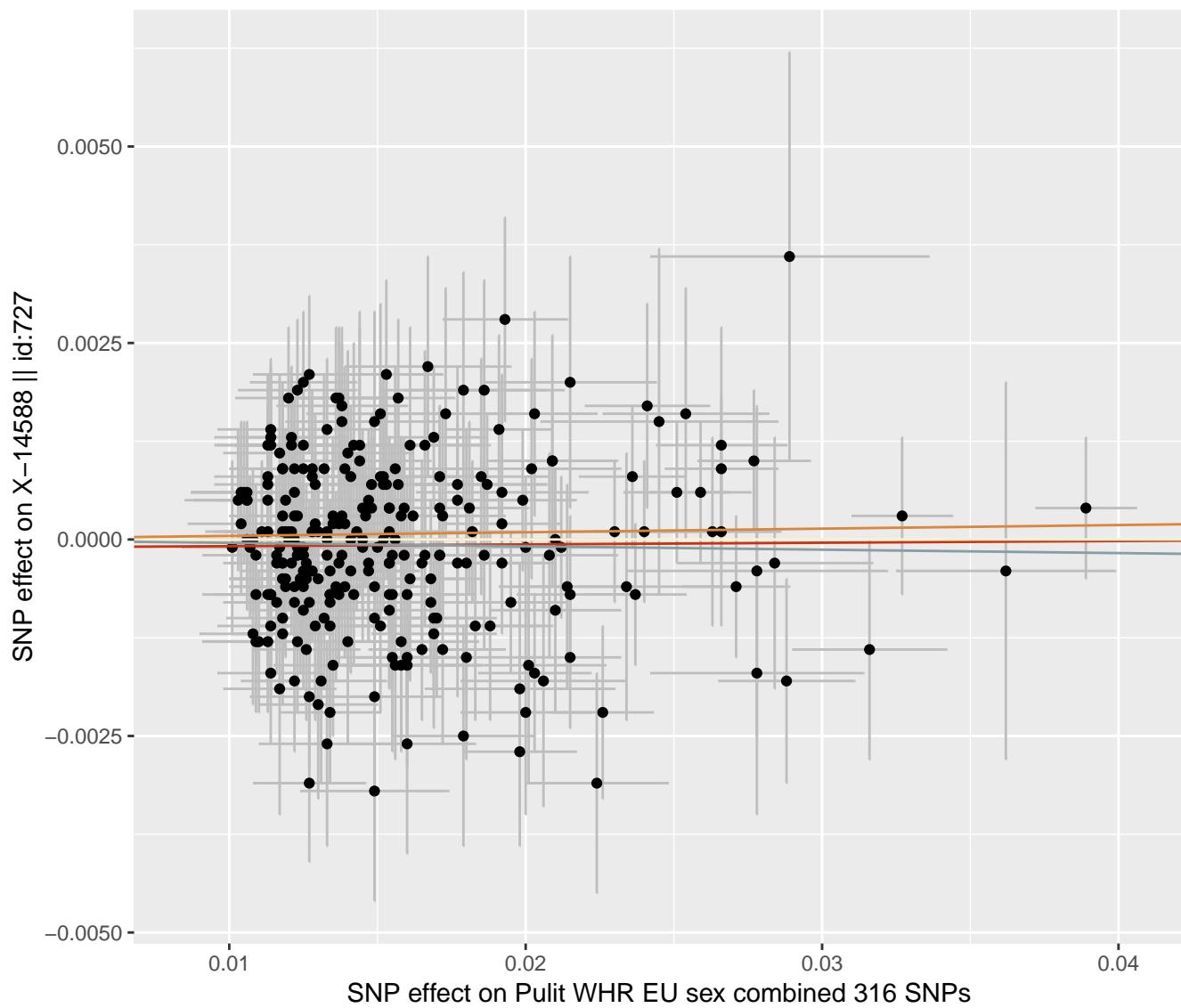
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



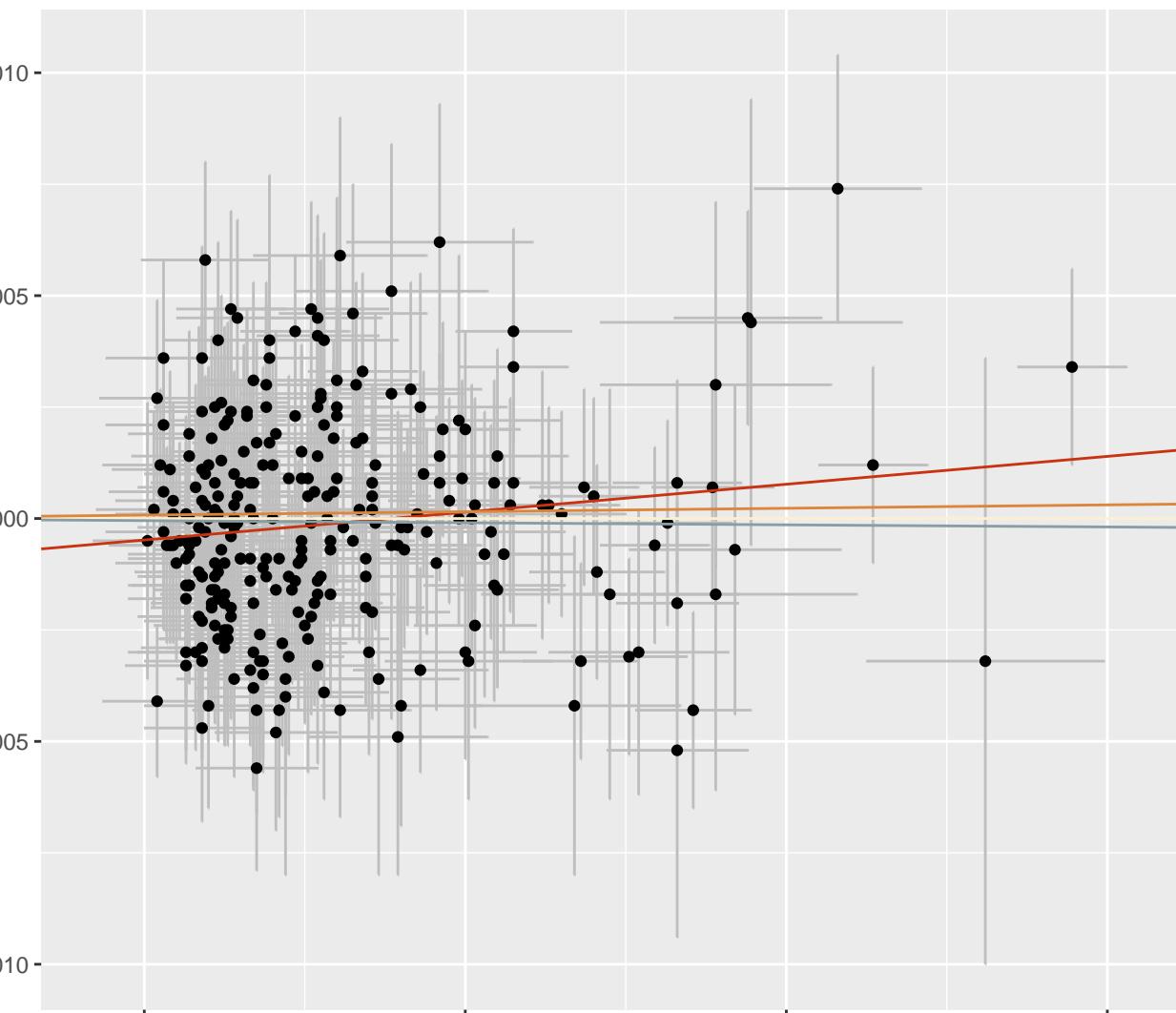
Weighted median



Weighted mode

SNP effect on X-14625 || id:728

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



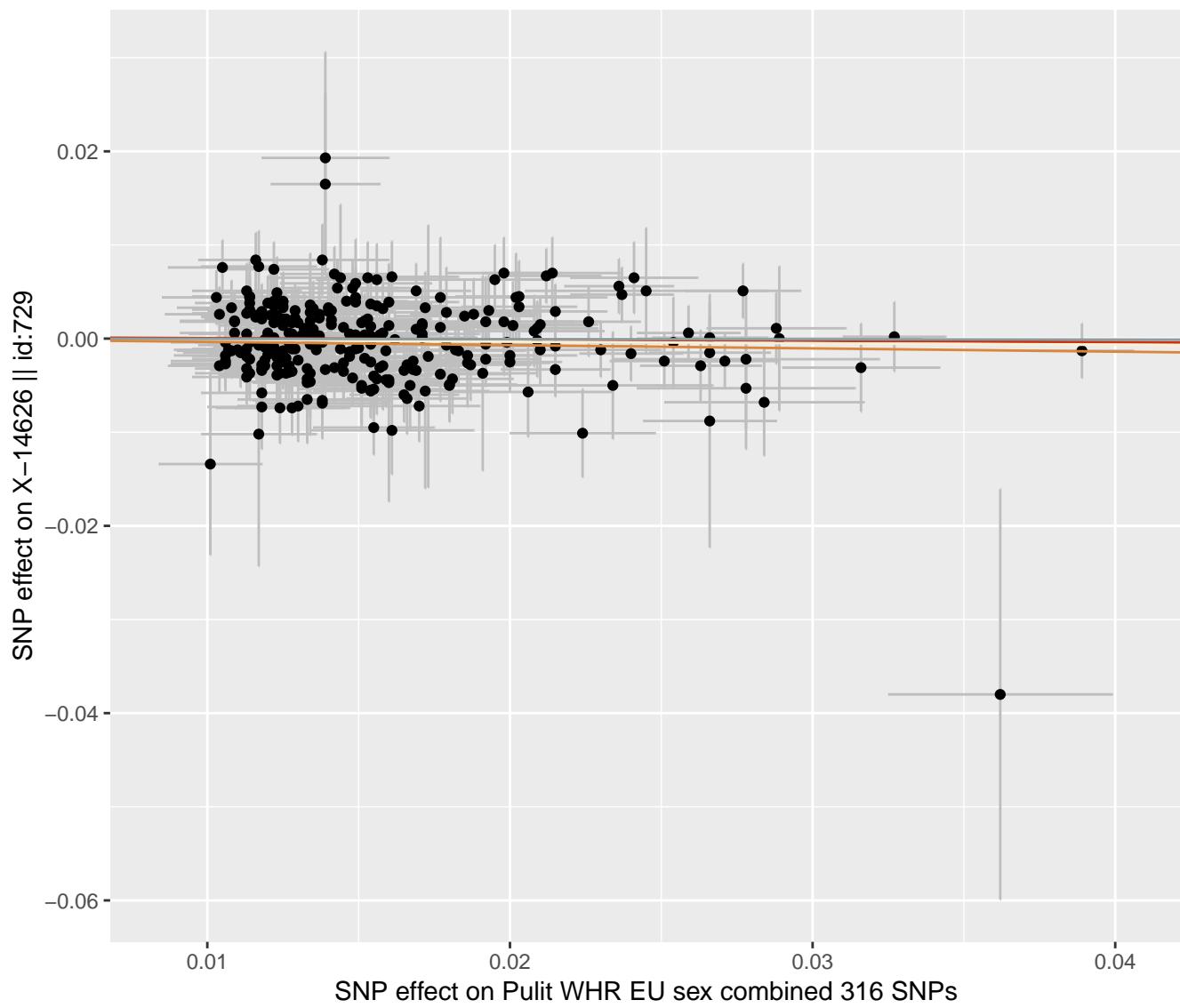
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-14632 || id:730

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger

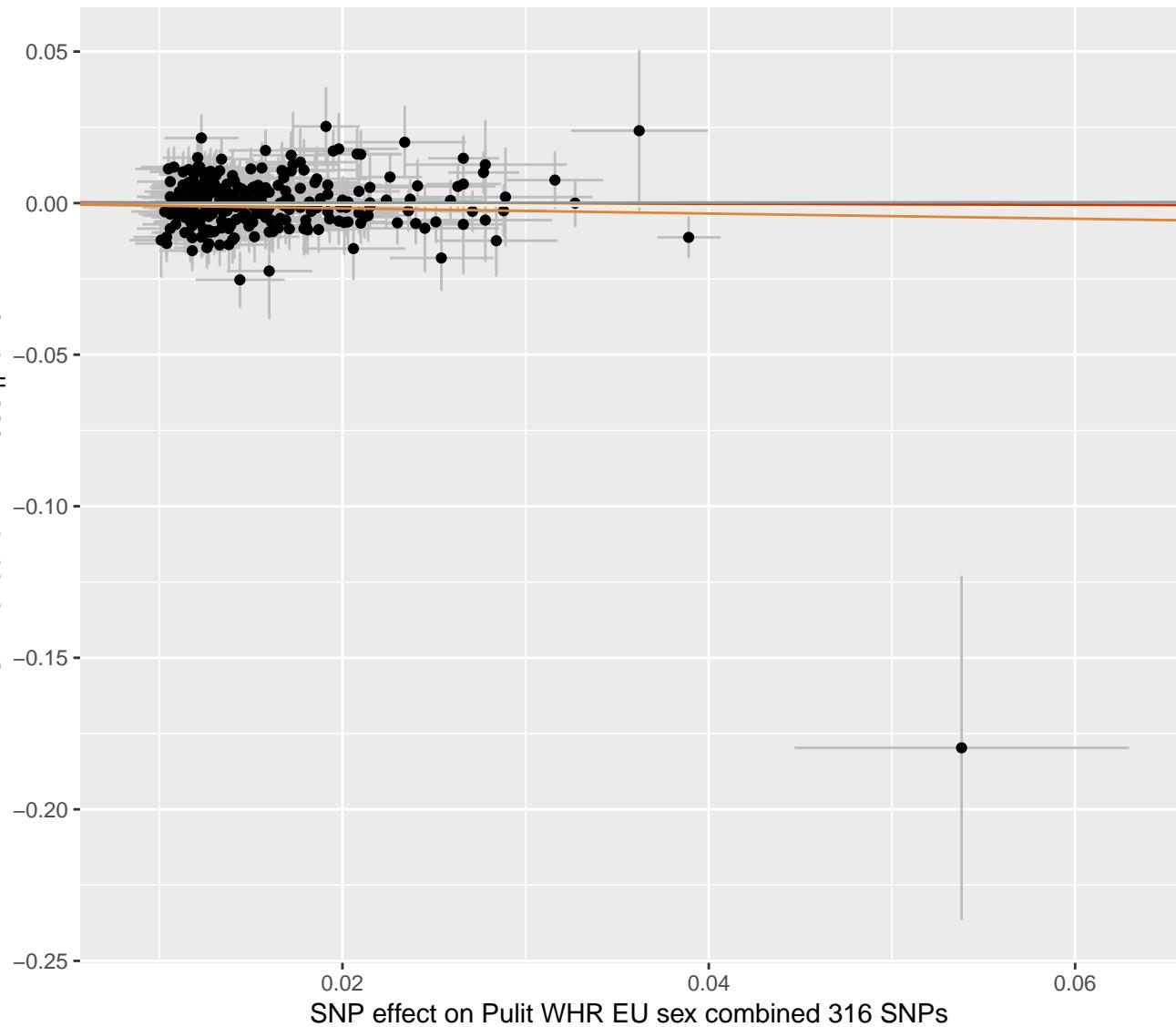


Weighted median



Weighted mode

SNP effect on X-14658 || id:731



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-14662 || id:732

0.04

0.00

-0.04

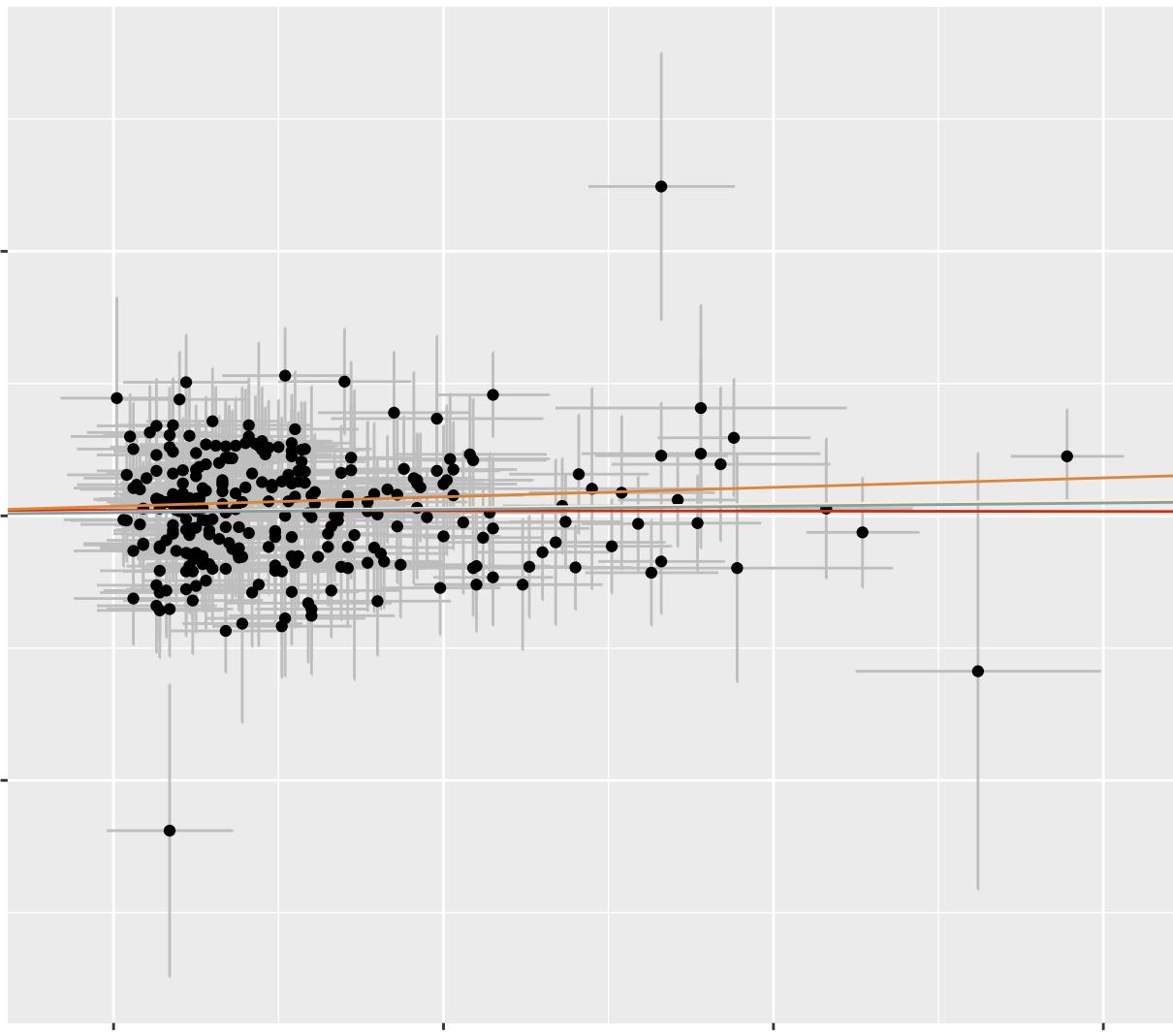
0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on X-14745 || id:733

0.01

0.02

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

0.01

0.00

-0.01

-0.02

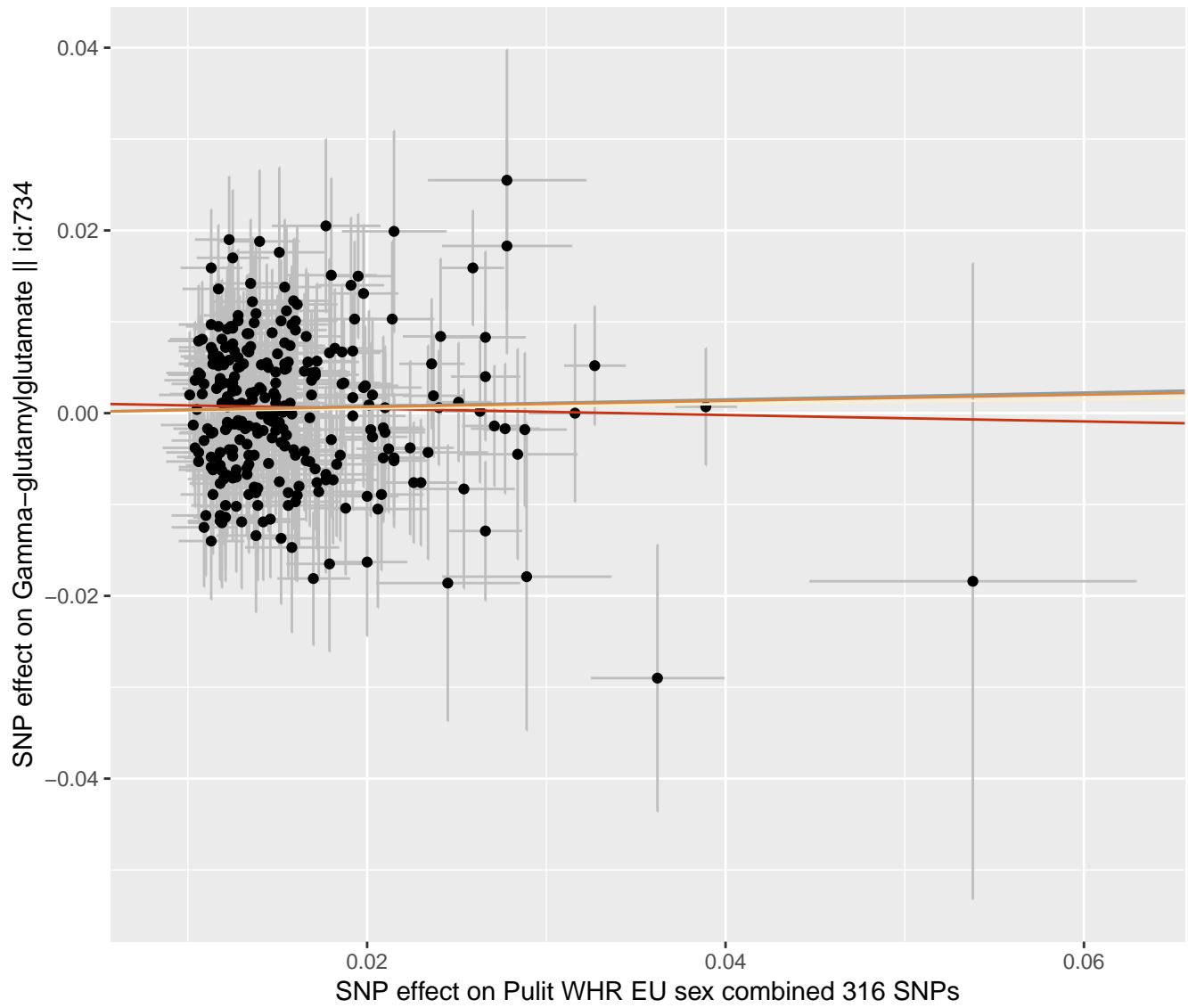
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

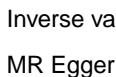
 Weighted median

 Weighted mode

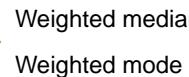


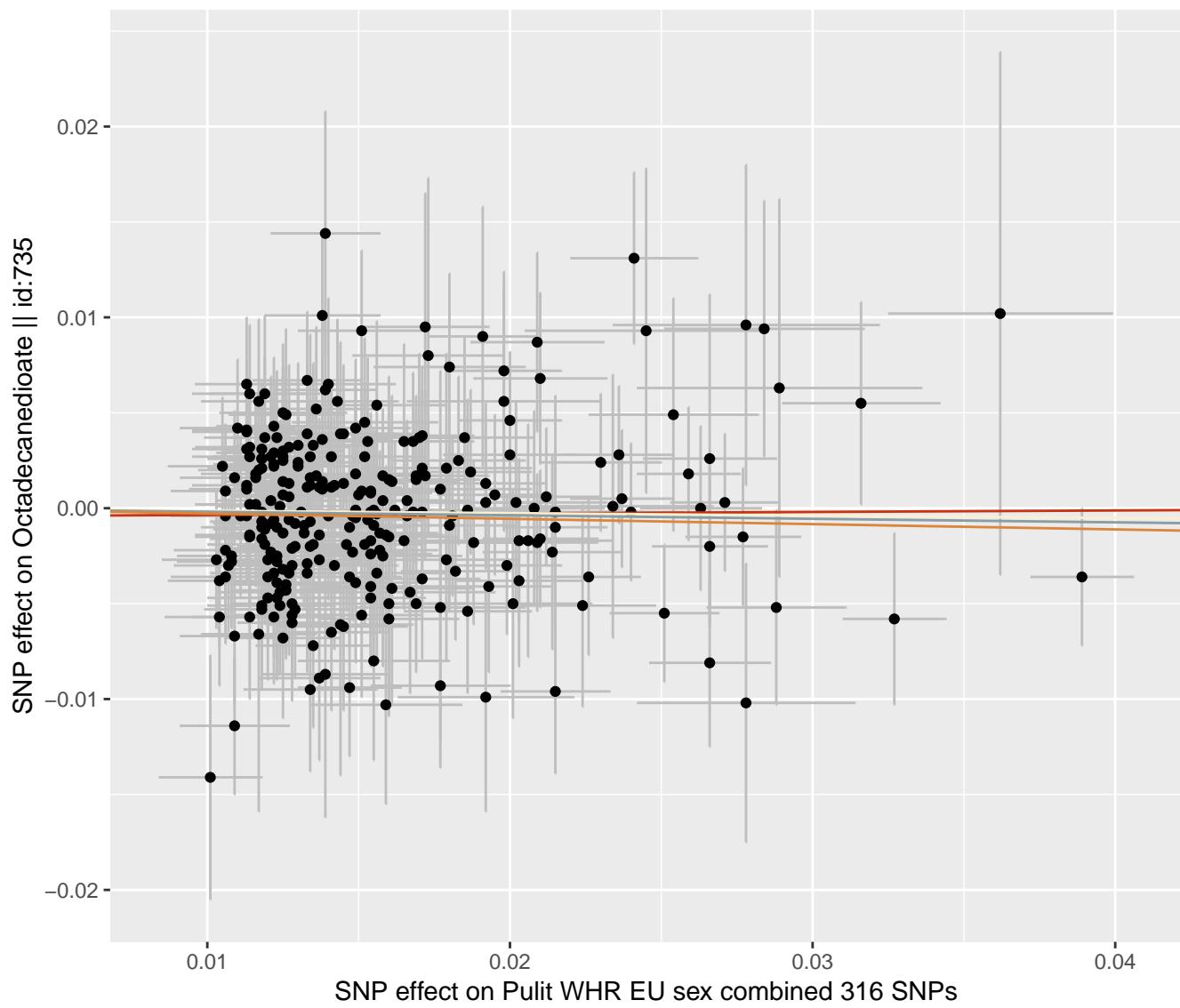
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

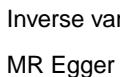
 Weighted median

 Weighted mode

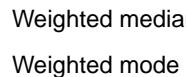


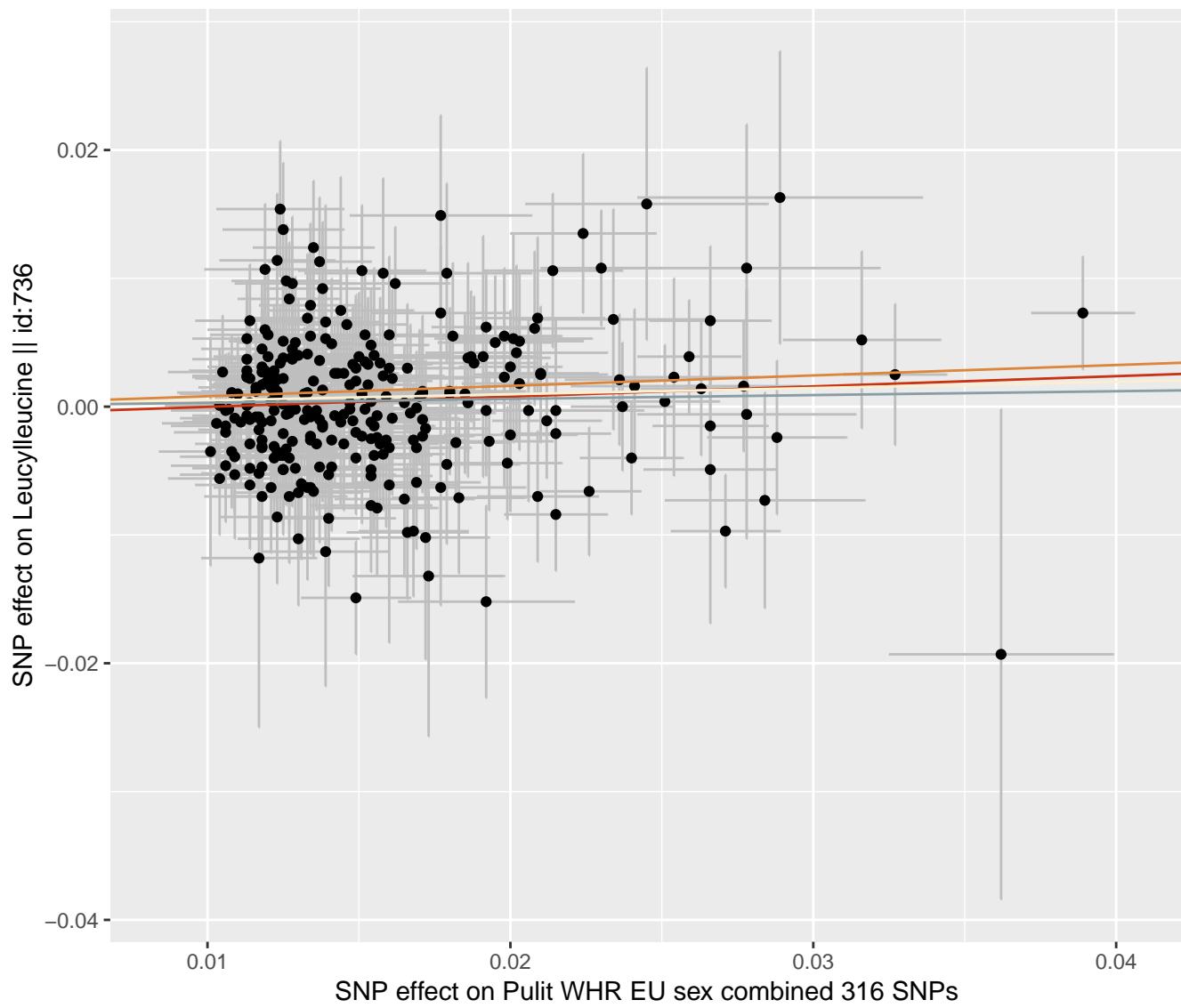
MR Test

 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 7-alpha-hydroxy-3-oxo-4-cholestenate (7-Hoca) || id:737

0.01

0.01

0.00

-0.01

0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



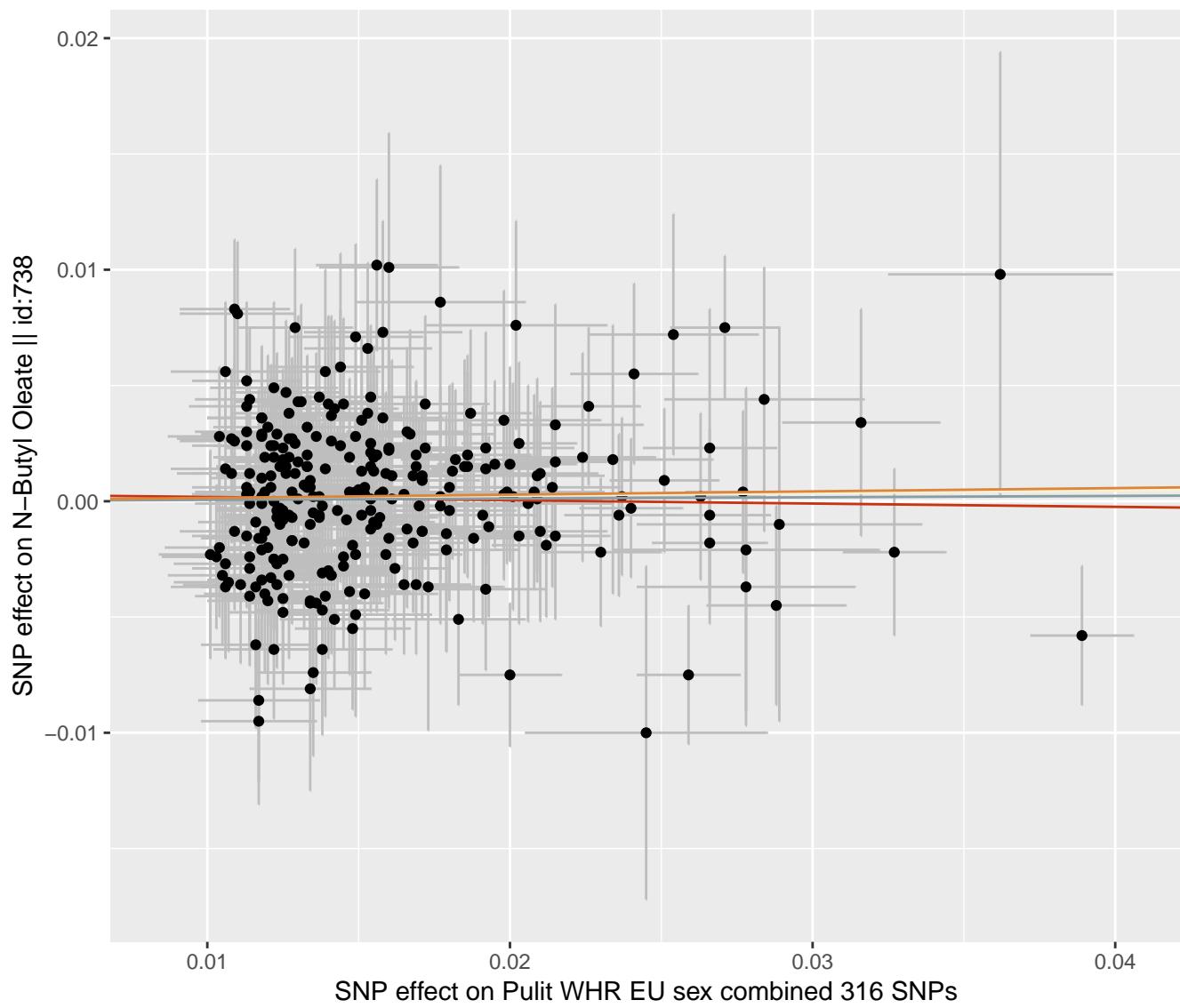
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



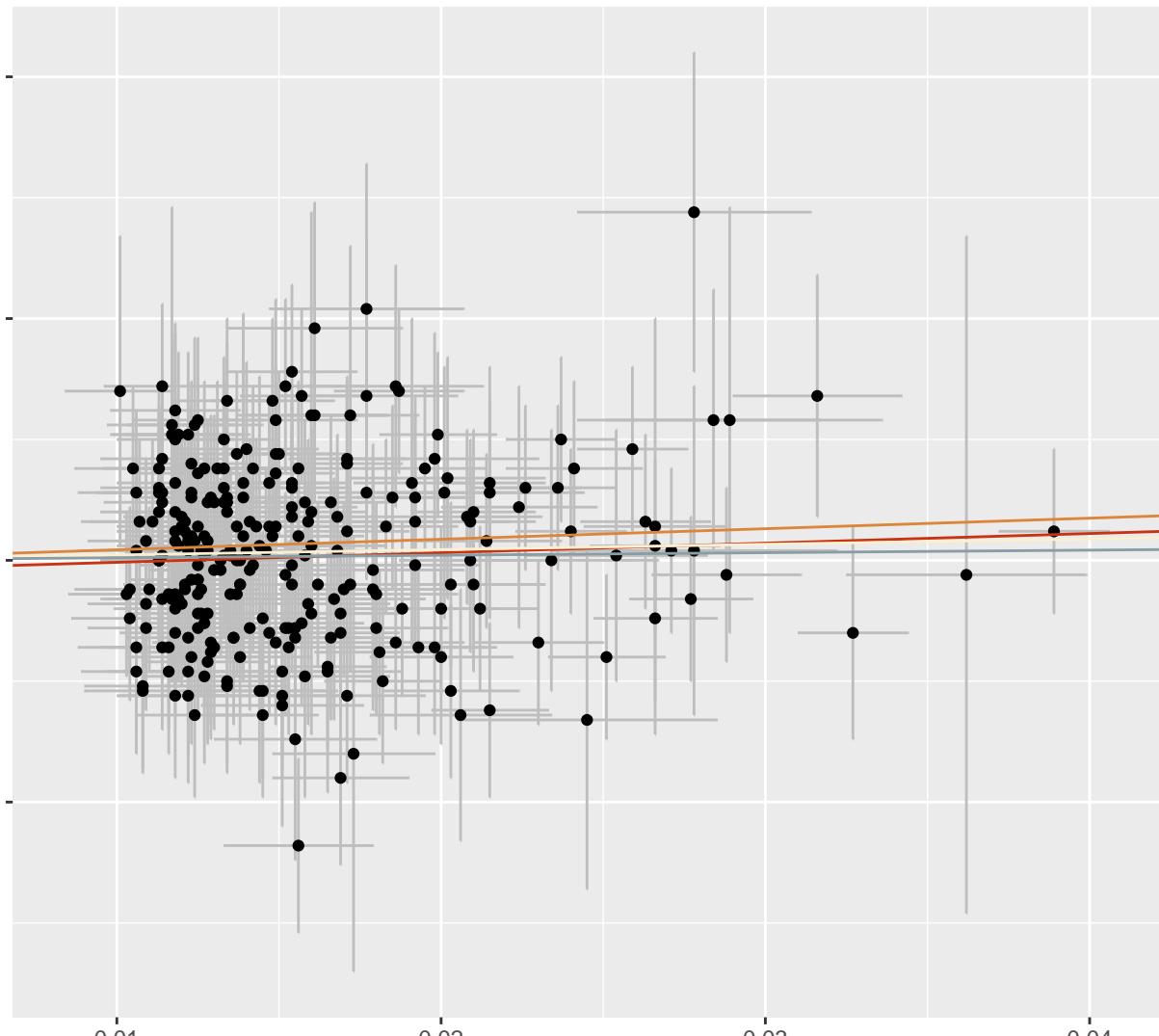
Weighted median



Weighted mode

SNP effect on Dimethylarginine (SDMA + ADMA) || id:739

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



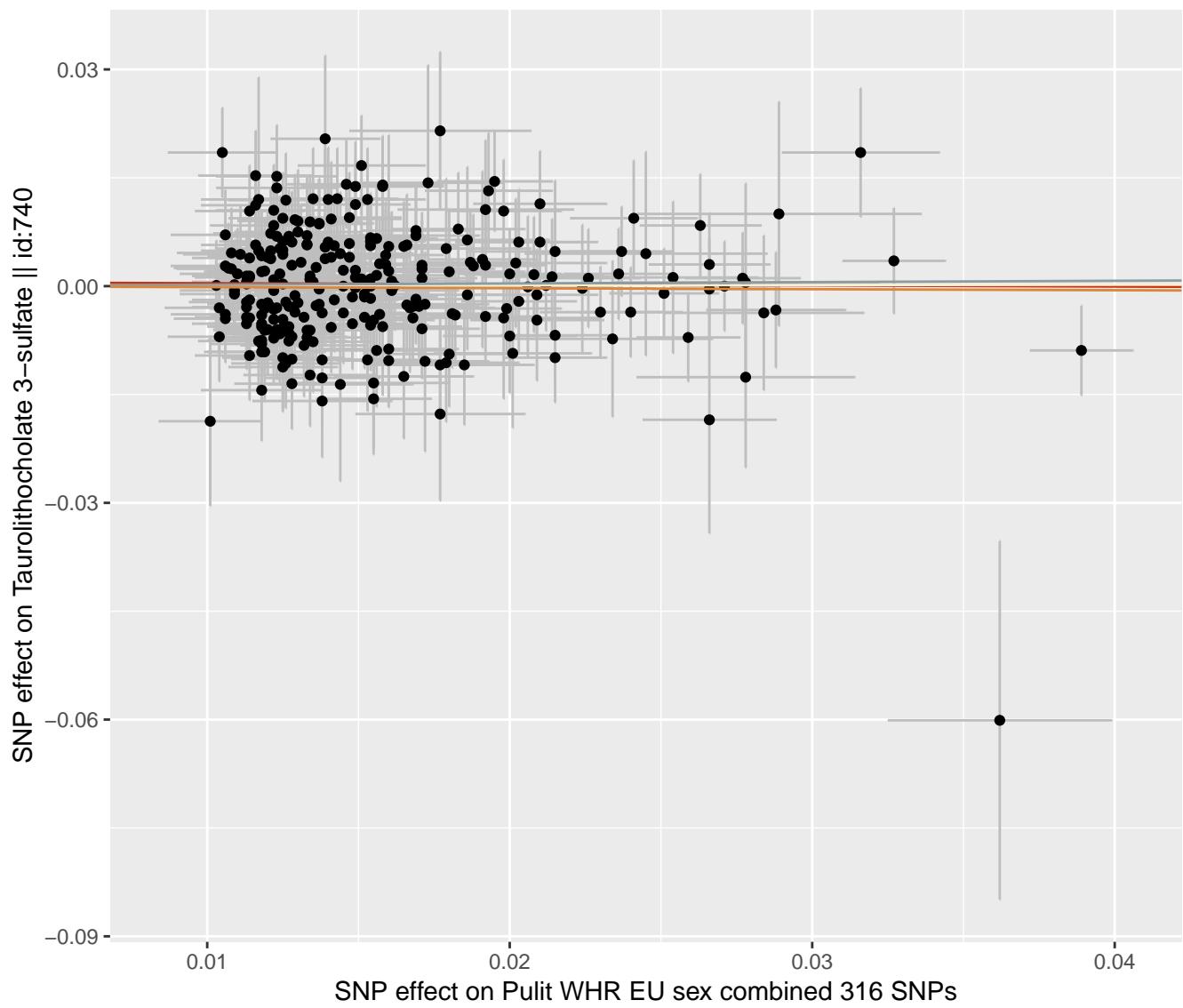
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



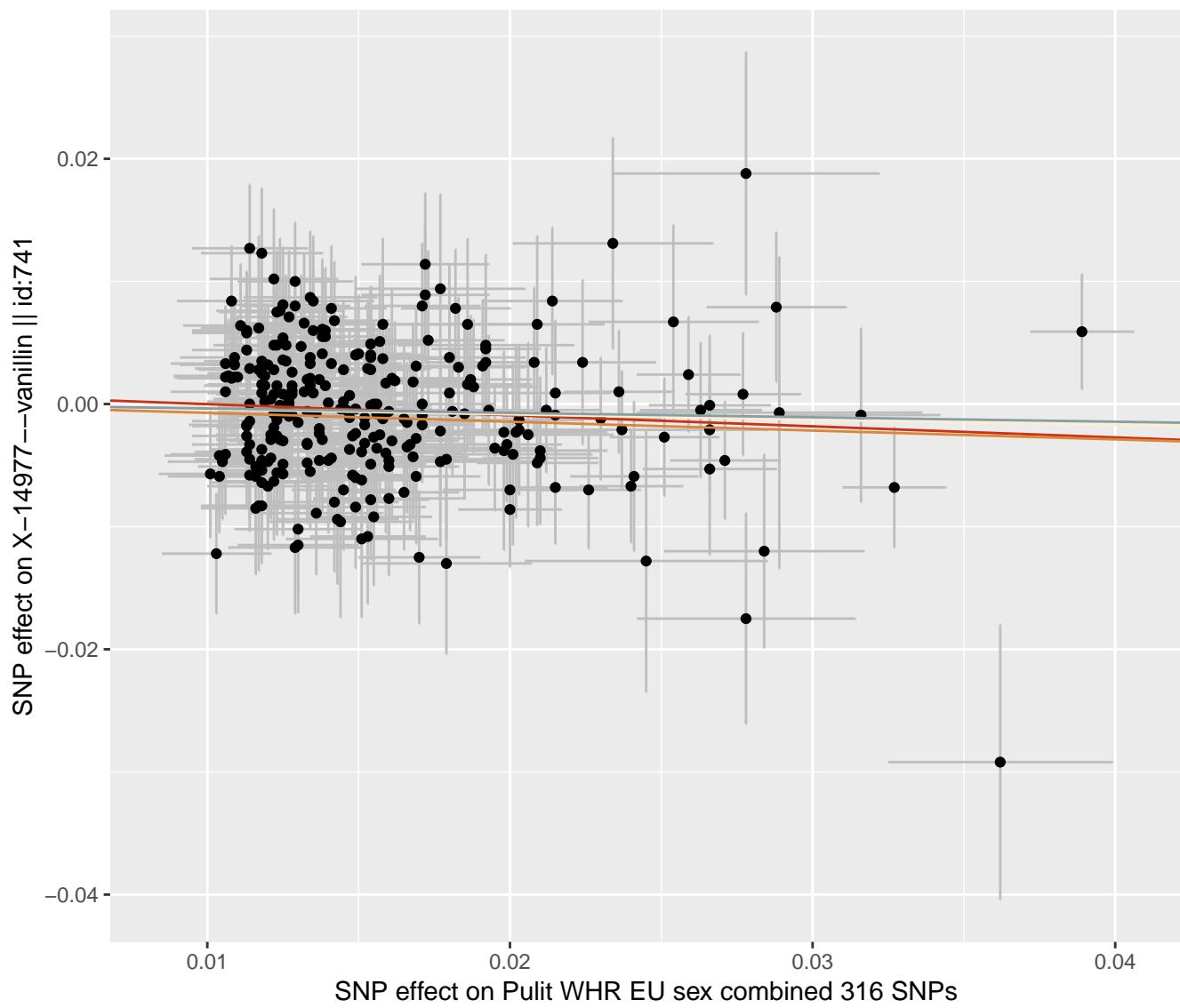
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



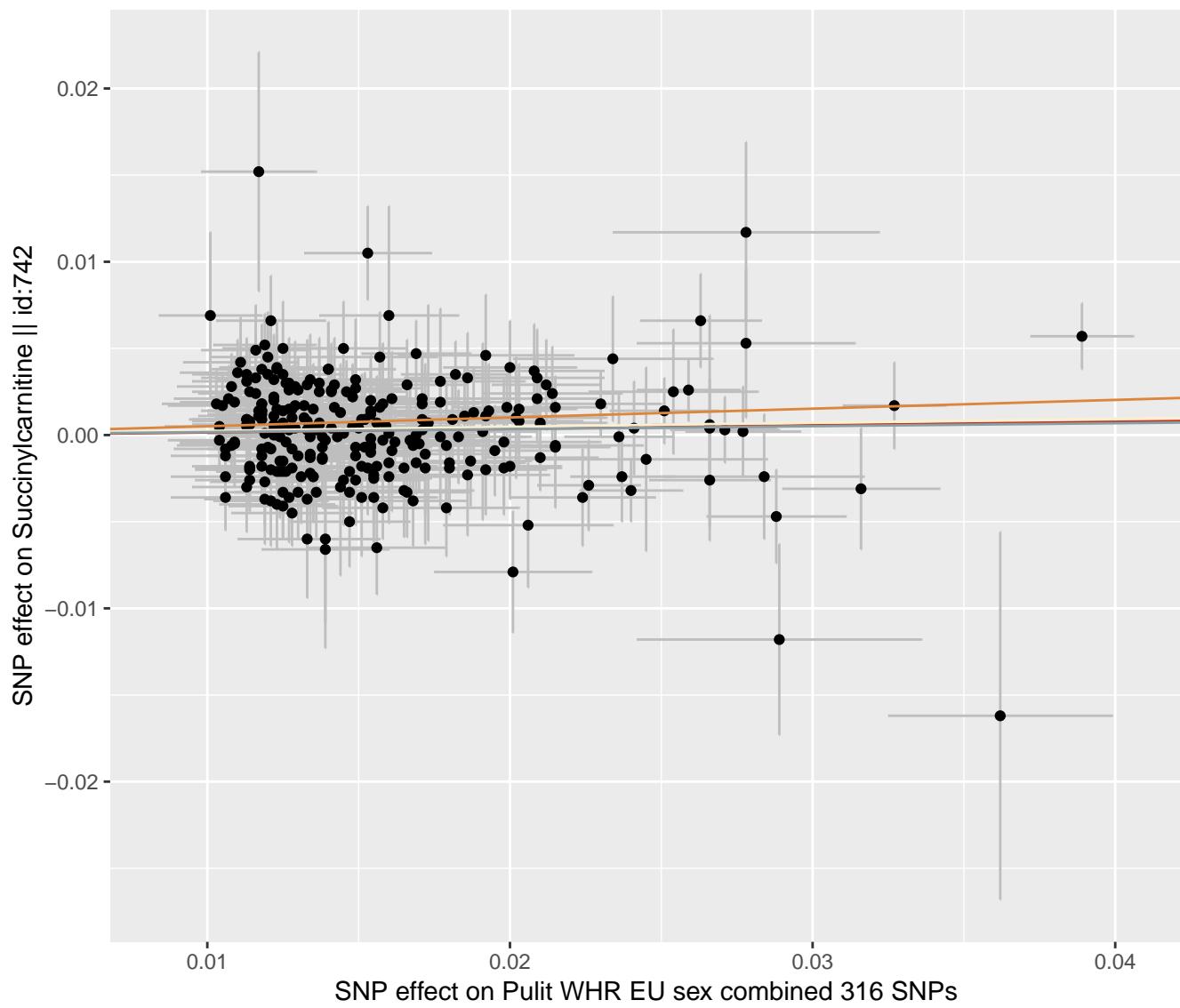
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



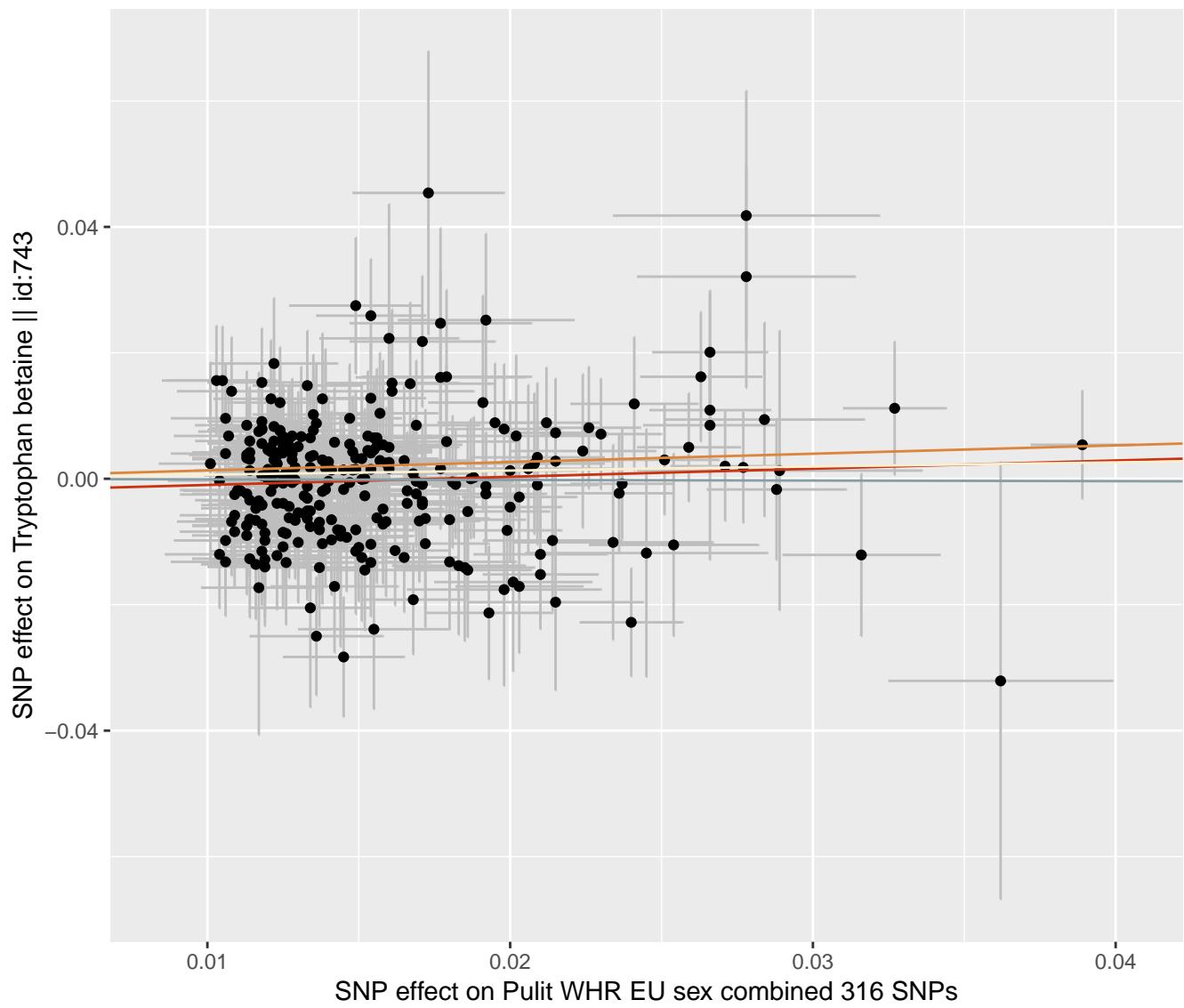
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



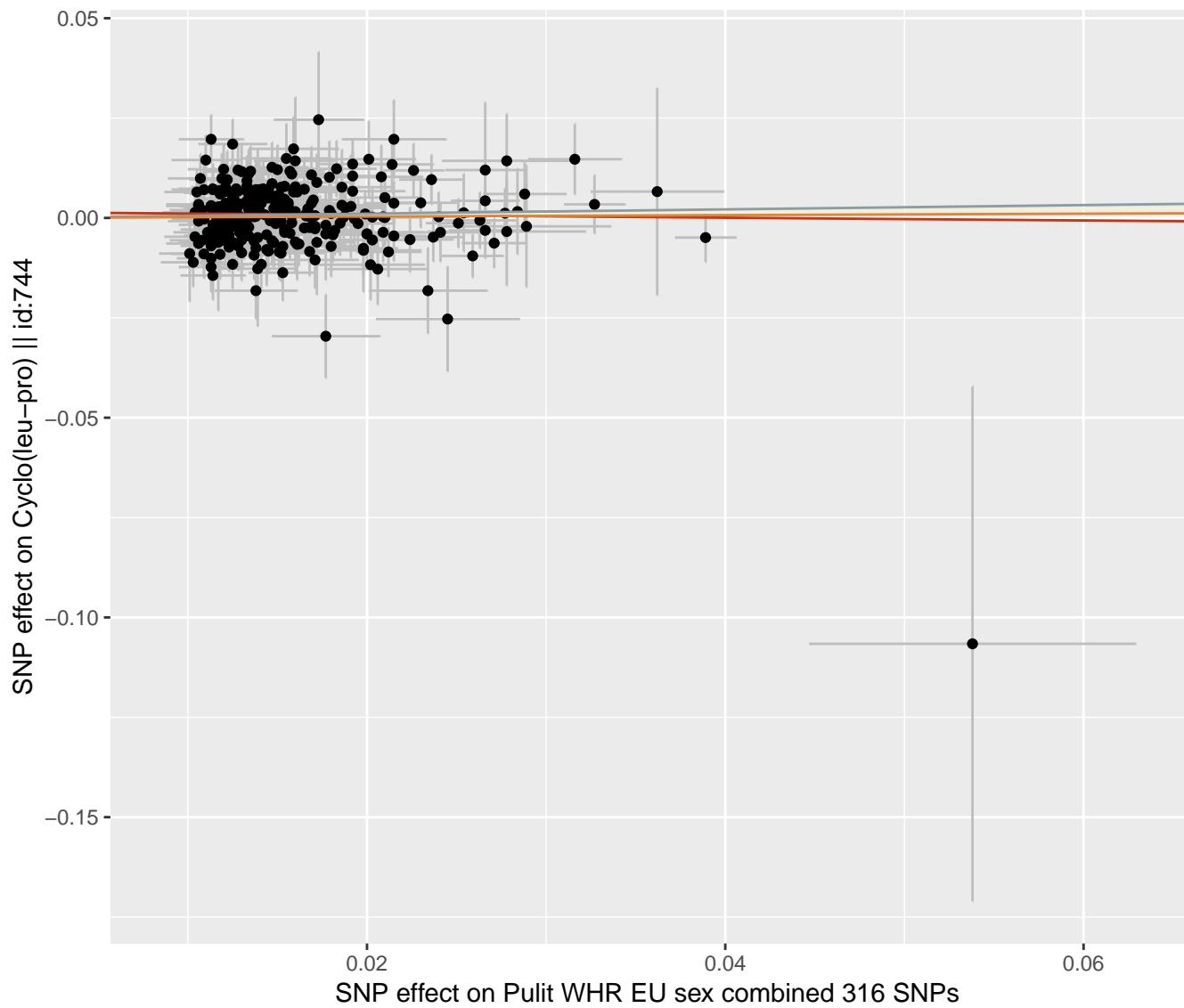
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on Chiro-inositol || id:745

0.01

0.02

0.03

0.04

SNP effect on Pulit WHR EU sex combined 316 SNPs

MR Test



Inverse variance weighted (multiplicative random effects)



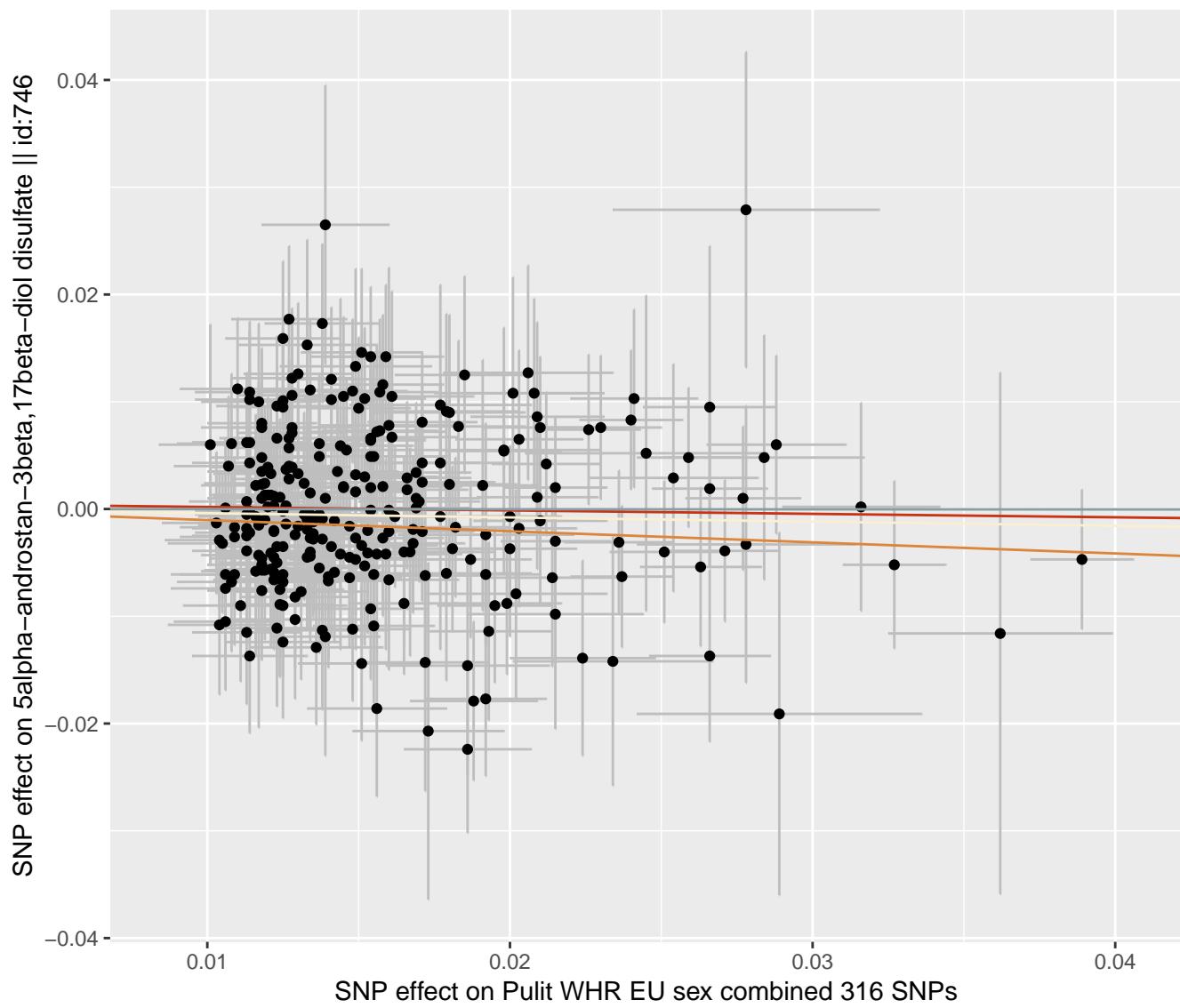
MR Egger



Weighted median

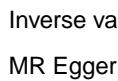


Weighted mode

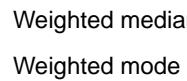


MR Test

 Inverse variance weighted (multiplicative random effects)

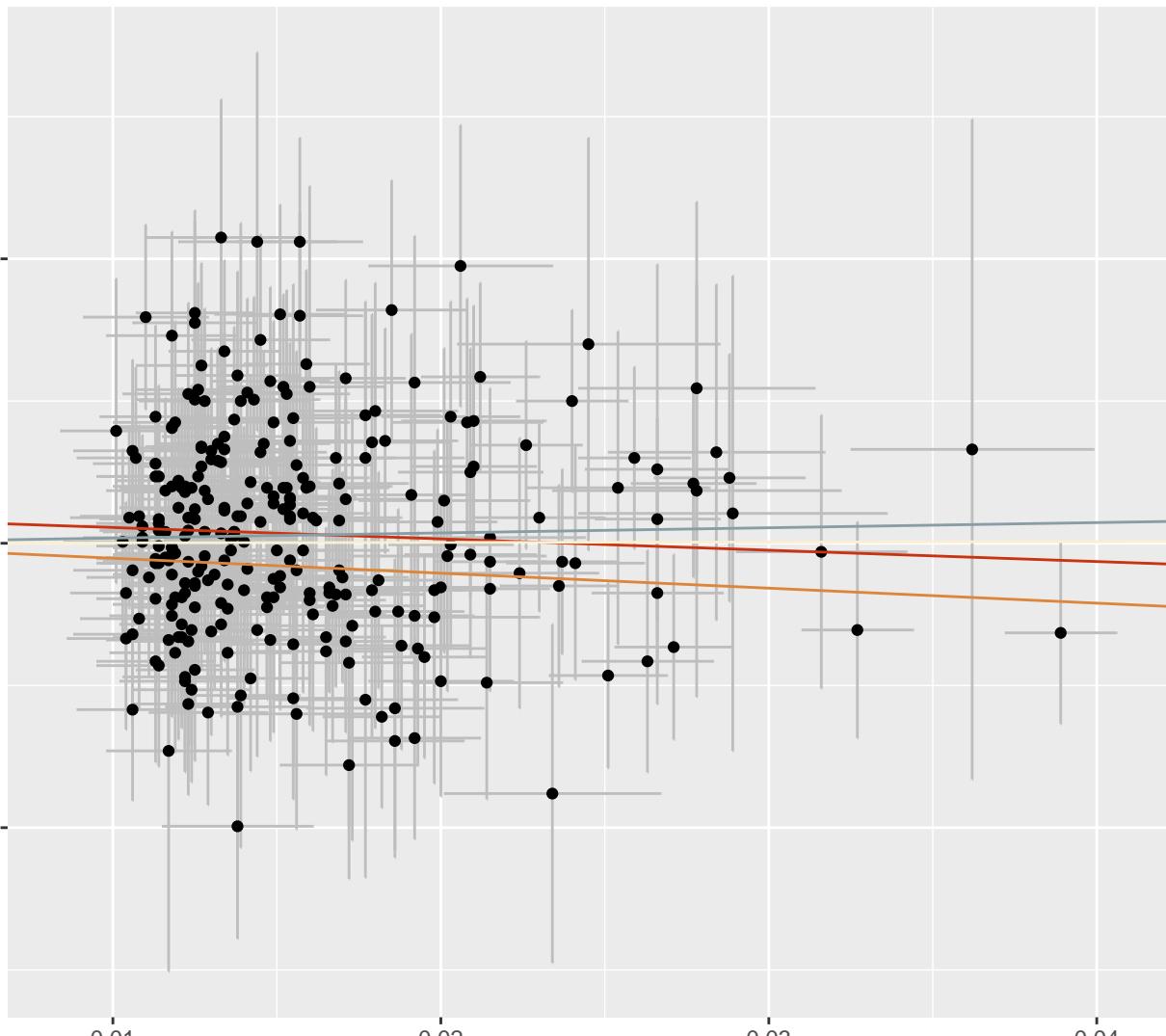
 MR Egger

 Weighted median

 Weighted mode

SNP effect on 4-androsten-3beta,17beta-diol sulfate 1* || id:747

SNP effect on Pullet WHR EU sex combined 316 SNPs



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

SNP effect on 4-androsten-3beta,17beta-diol disulfate 2* || id:748

0.01

0.02

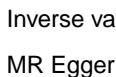
0.03

0.04

SNP effect on Pullet WHR EU sex combined 316 SNPs

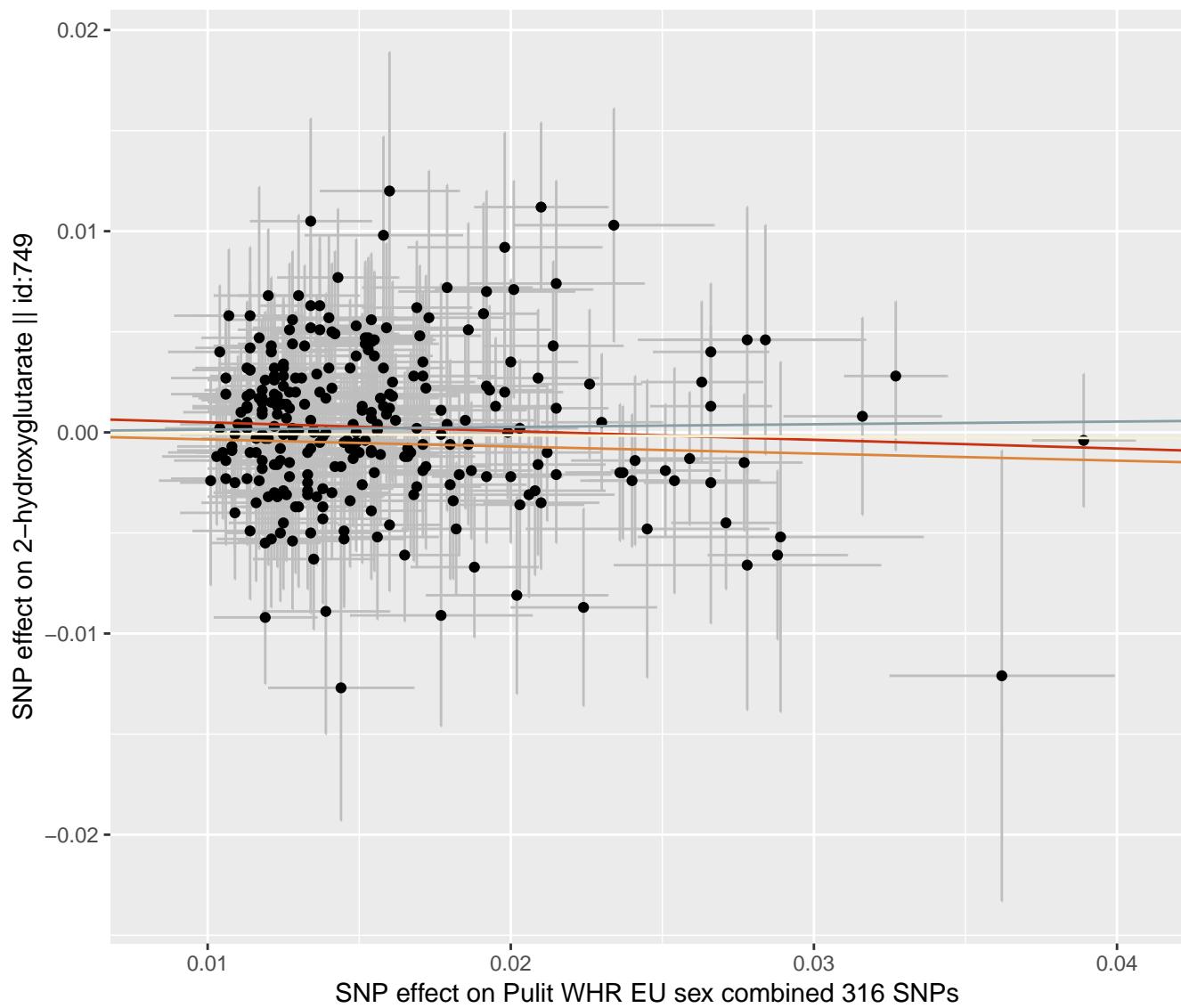
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



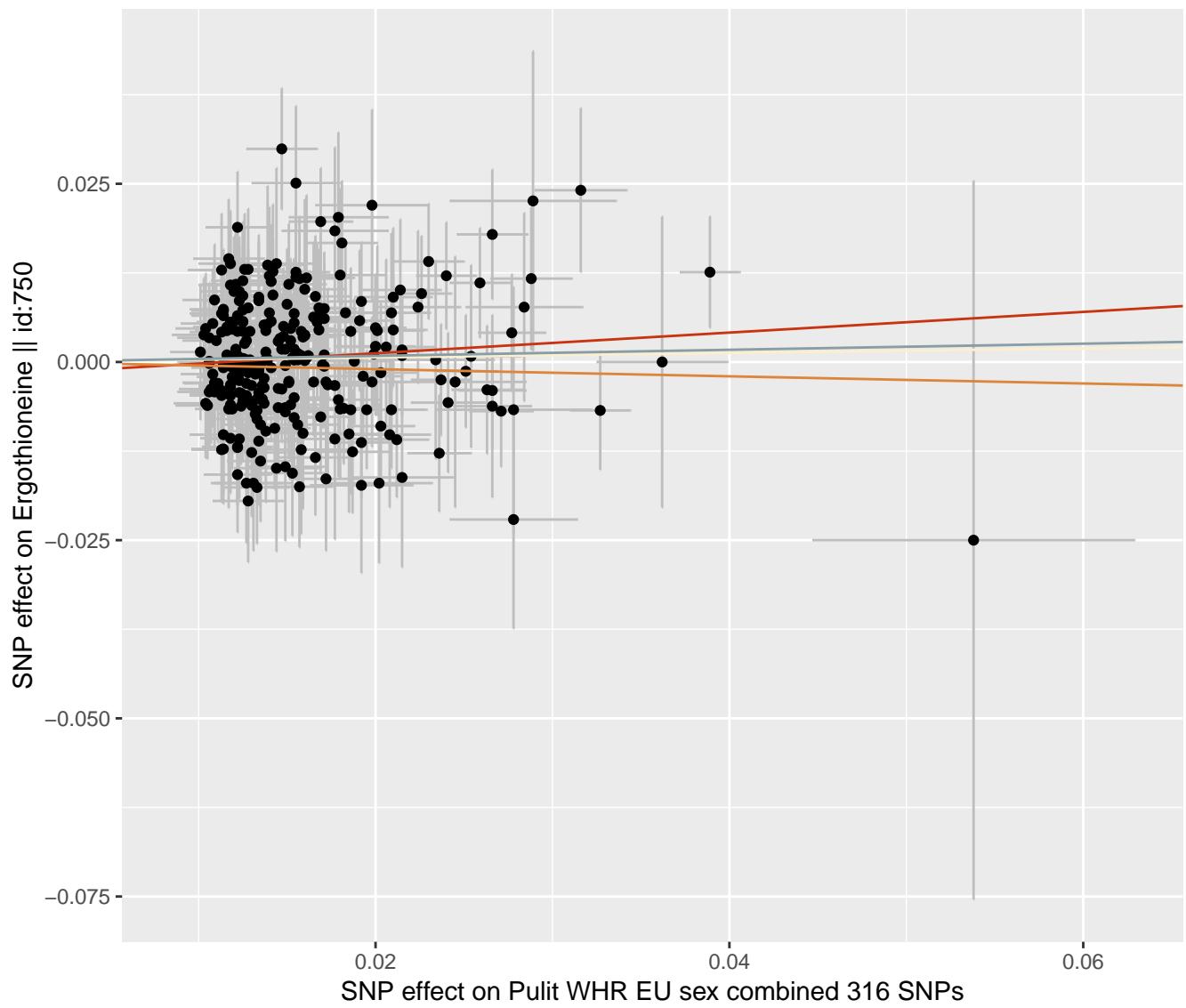
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



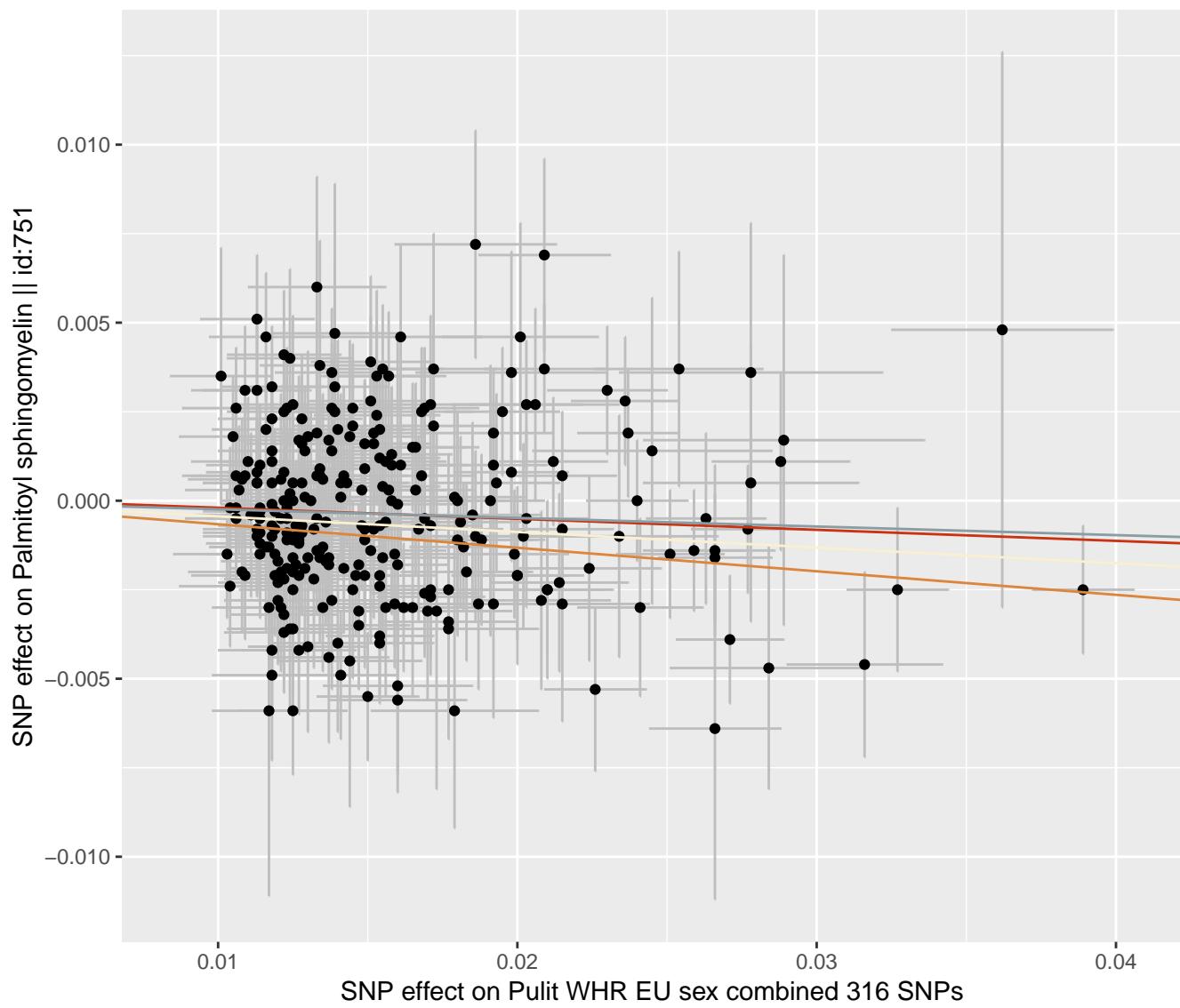
MR Egger



Weighted median



Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



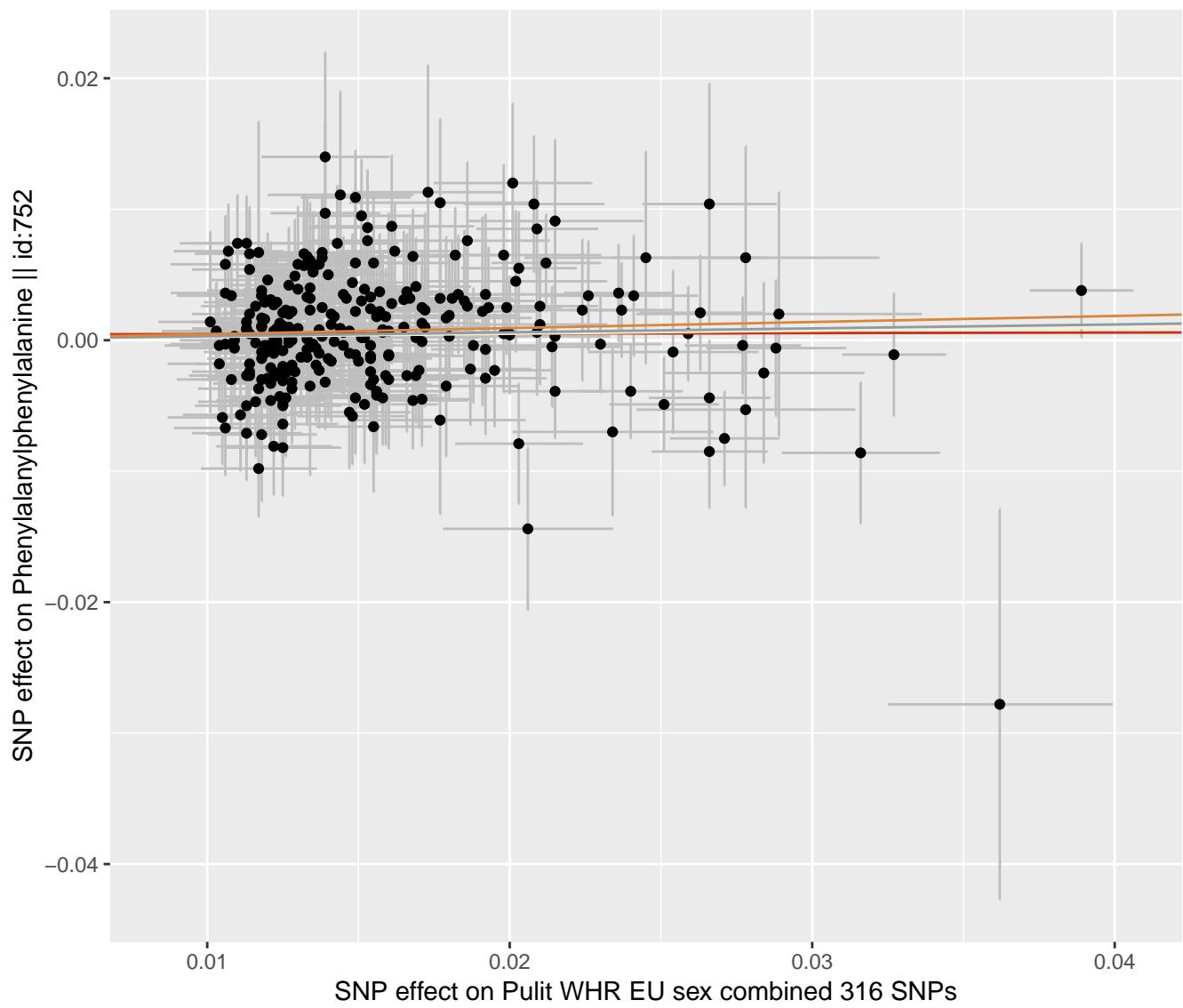
MR Egger



Weighted median

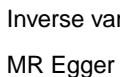


Weighted mode



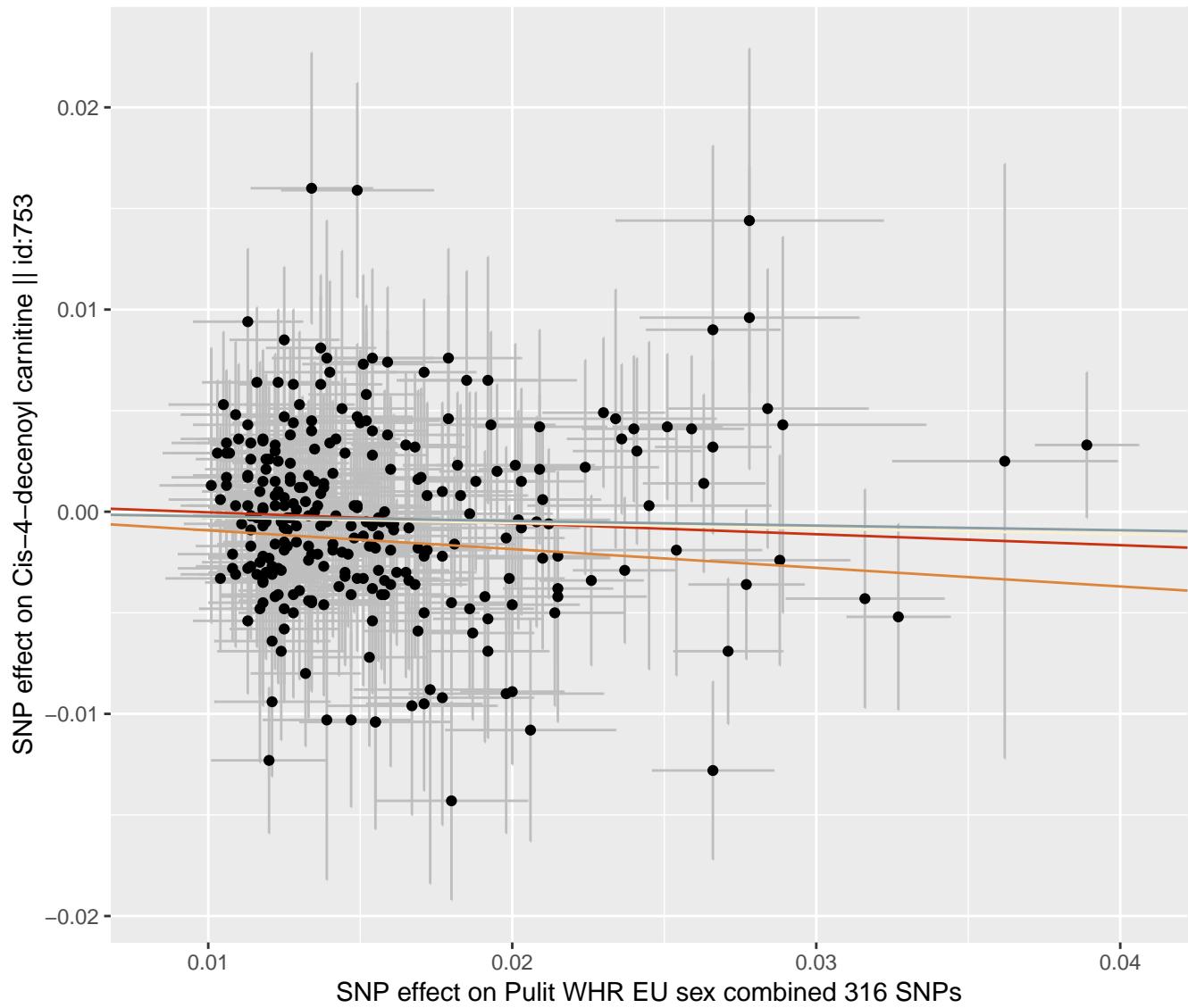
MR Test

 Inverse variance weighted (multiplicative random effects)

 MR Egger

 Weighted median

 Weighted mode



MR Test



Inverse variance weighted (multiplicative random effects)



MR Egger



Weighted median



Weighted mode

