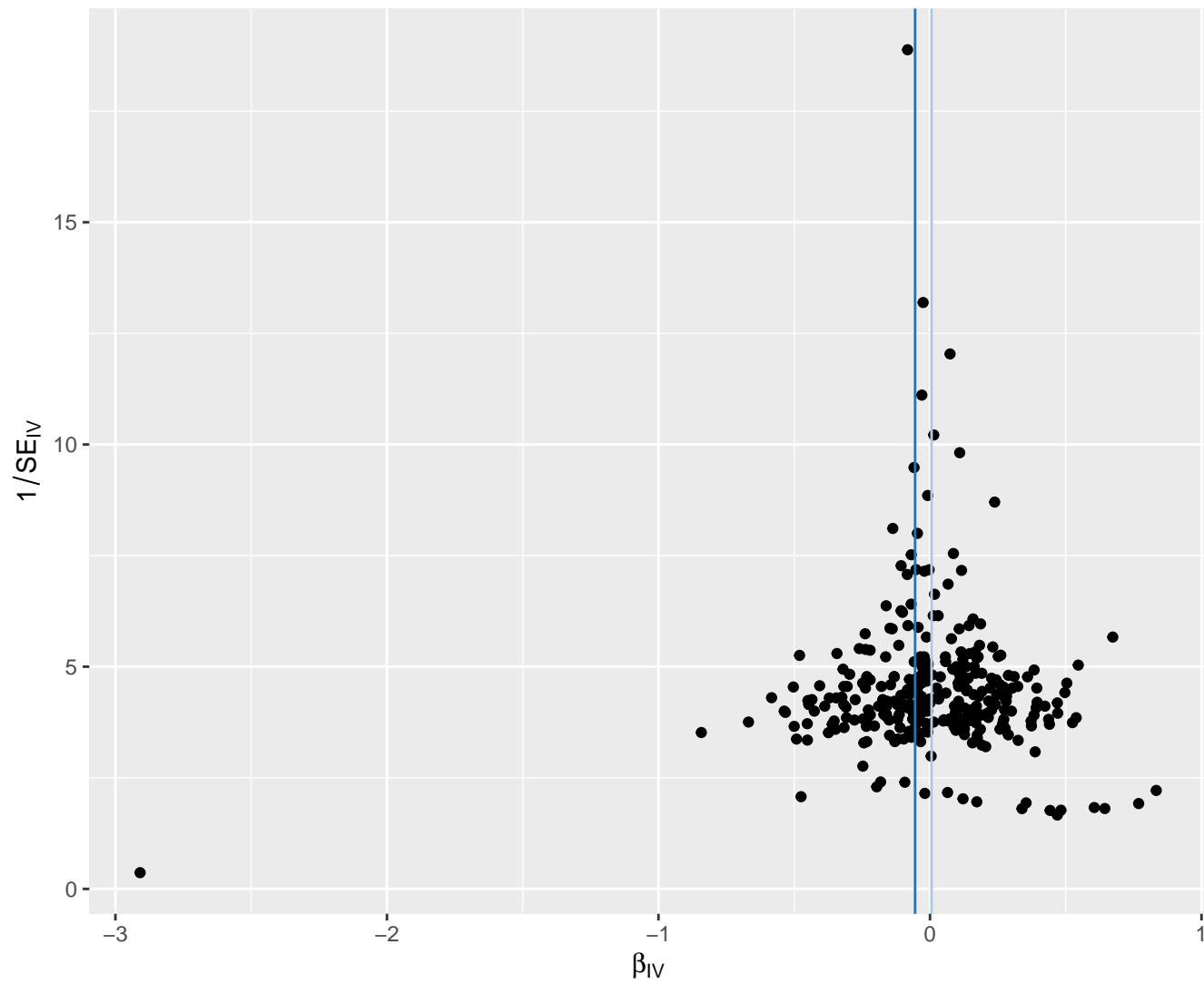


1–arachidonoylglycerophosphocholine*

MR Method

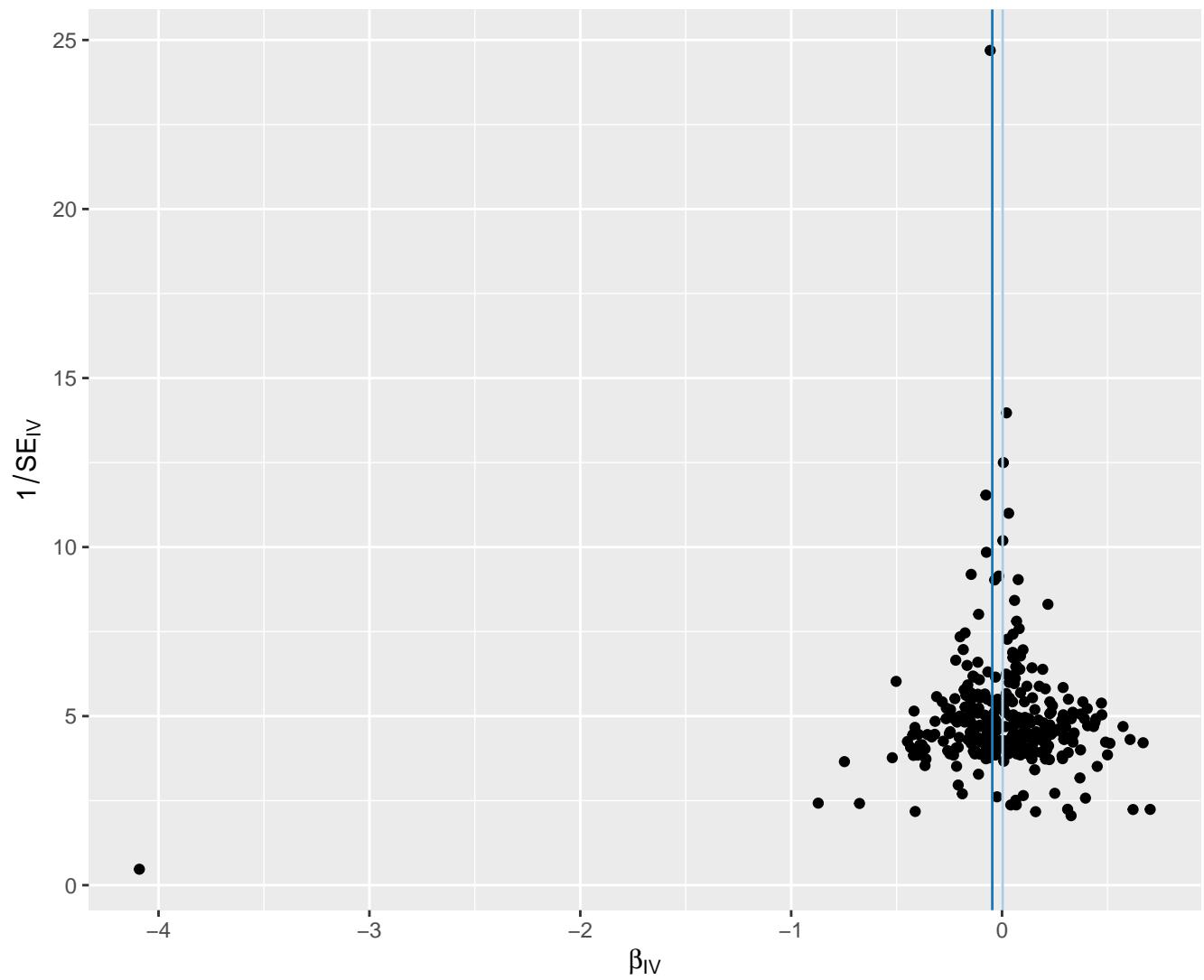
- Inverse variance weighted
- MR Egger



1–arachidonoylglycerophosphoethanolamine*

MR Method

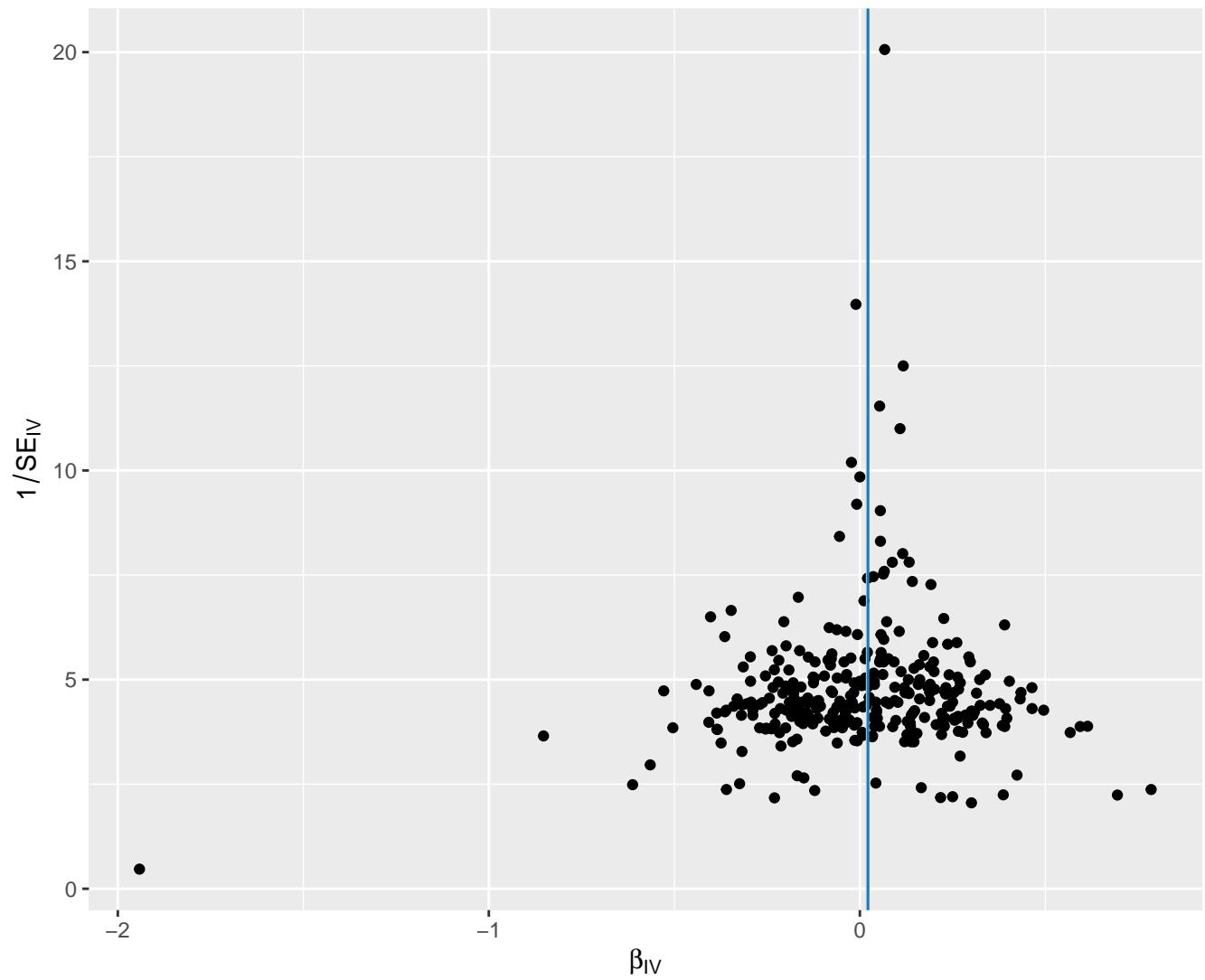
- Inverse variance weighted
- MR Egger



1–arachidonoylglycerophosphoinositol*

MR Method

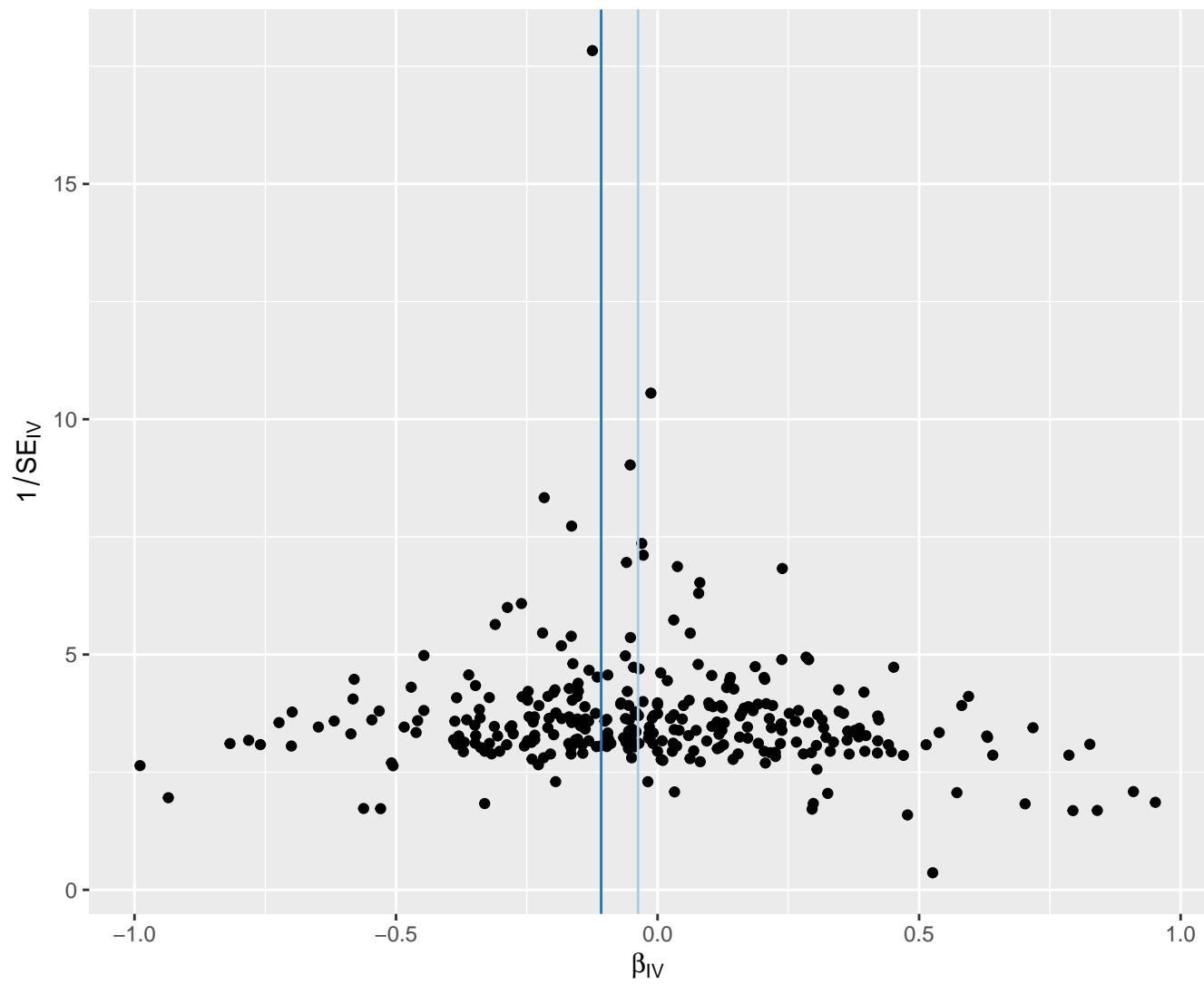
- Inverse variance weighted
- MR Egger



1-docosahexaenoylglycerophosphocholine*

MR Method

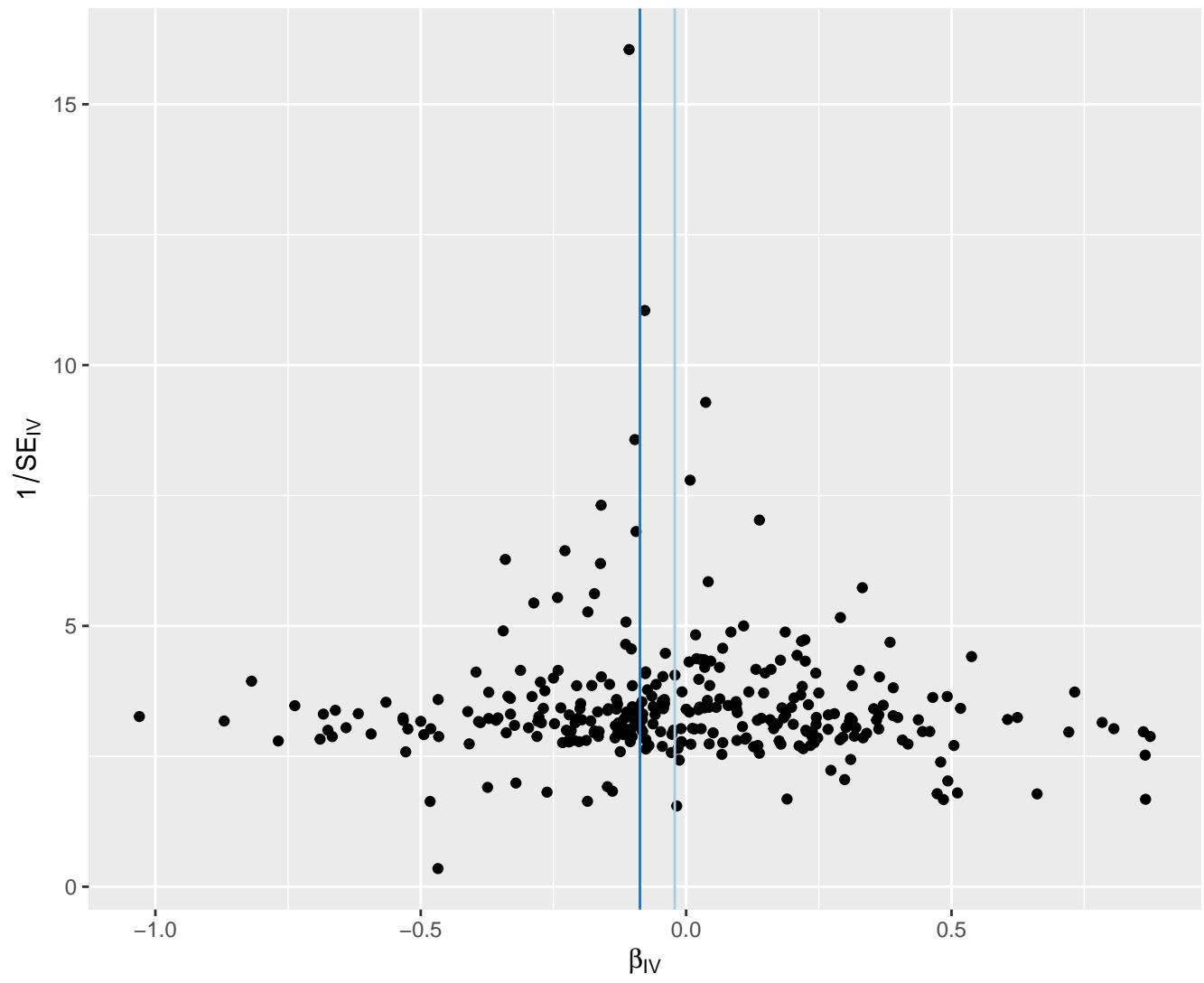
- Inverse variance weighted
- MR Egger



1-eicosadienoylglycerophosphocholine*

MR Method

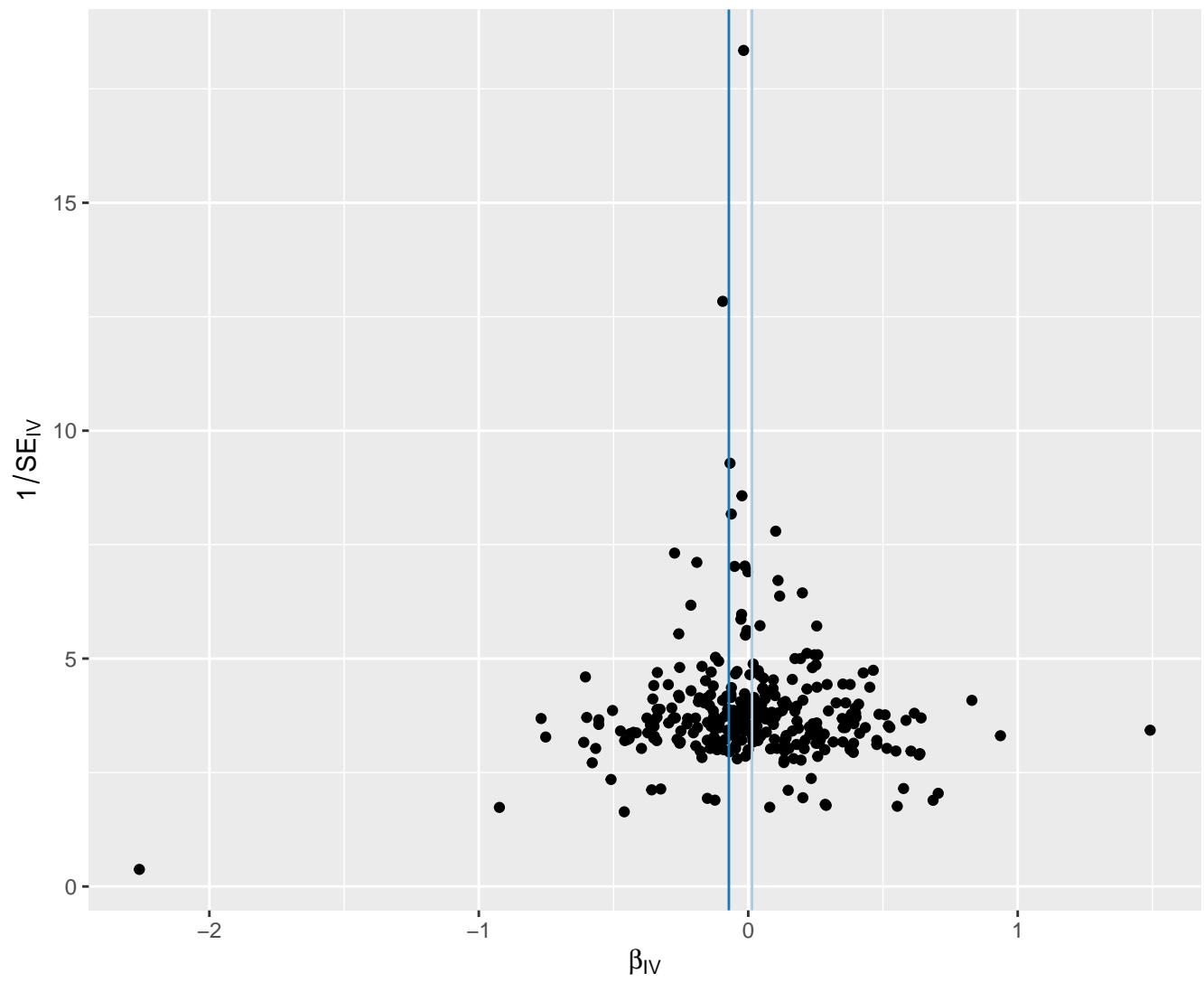
- Inverse variance weighted
- MR Egger



1-eicosatrienoylglycerophosphocholine*

MR Method

- Inverse variance weighted
- MR Egger

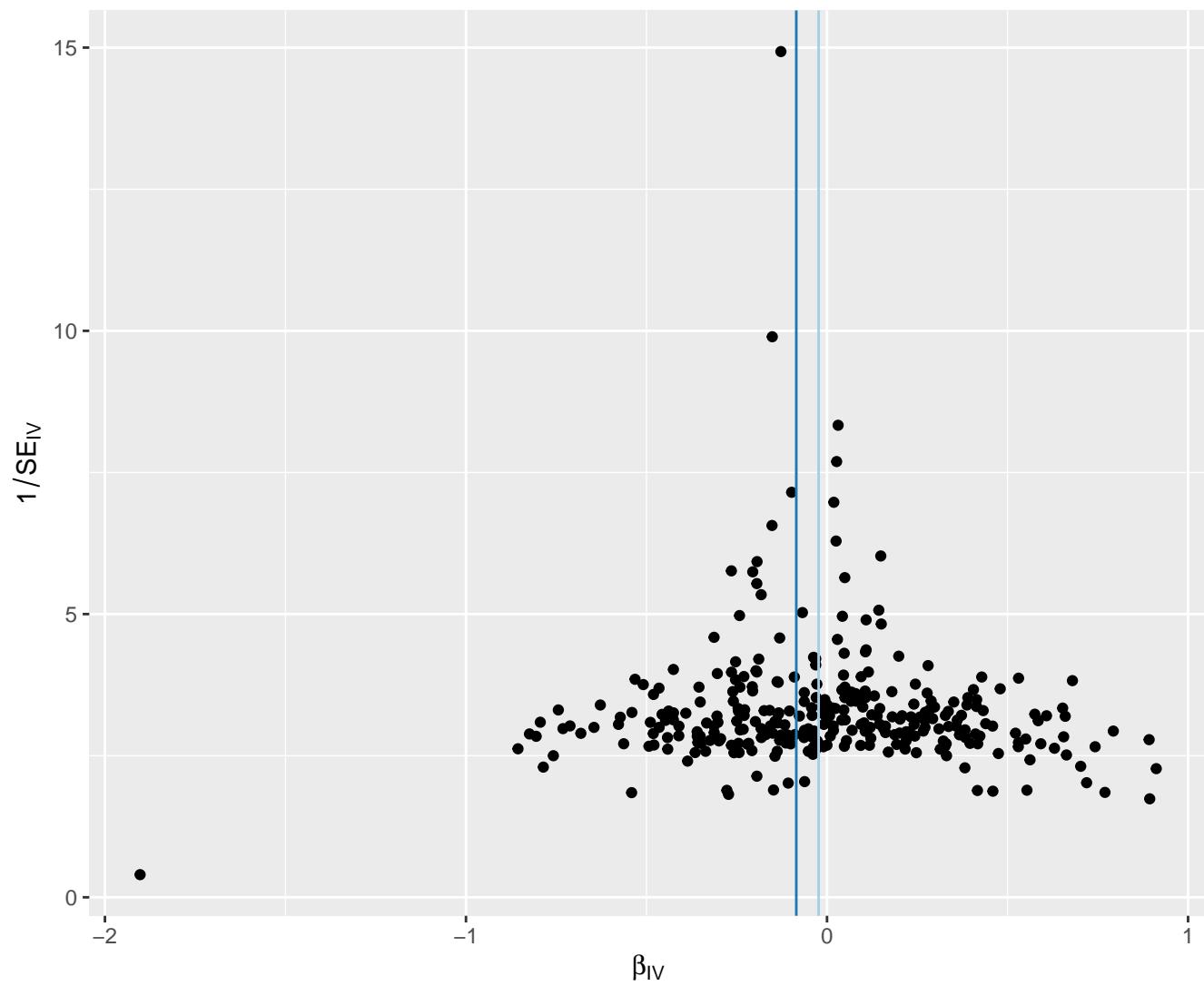


1-heptadecanoylglycerophosphocholine

MR Method

Inverse variance weighted

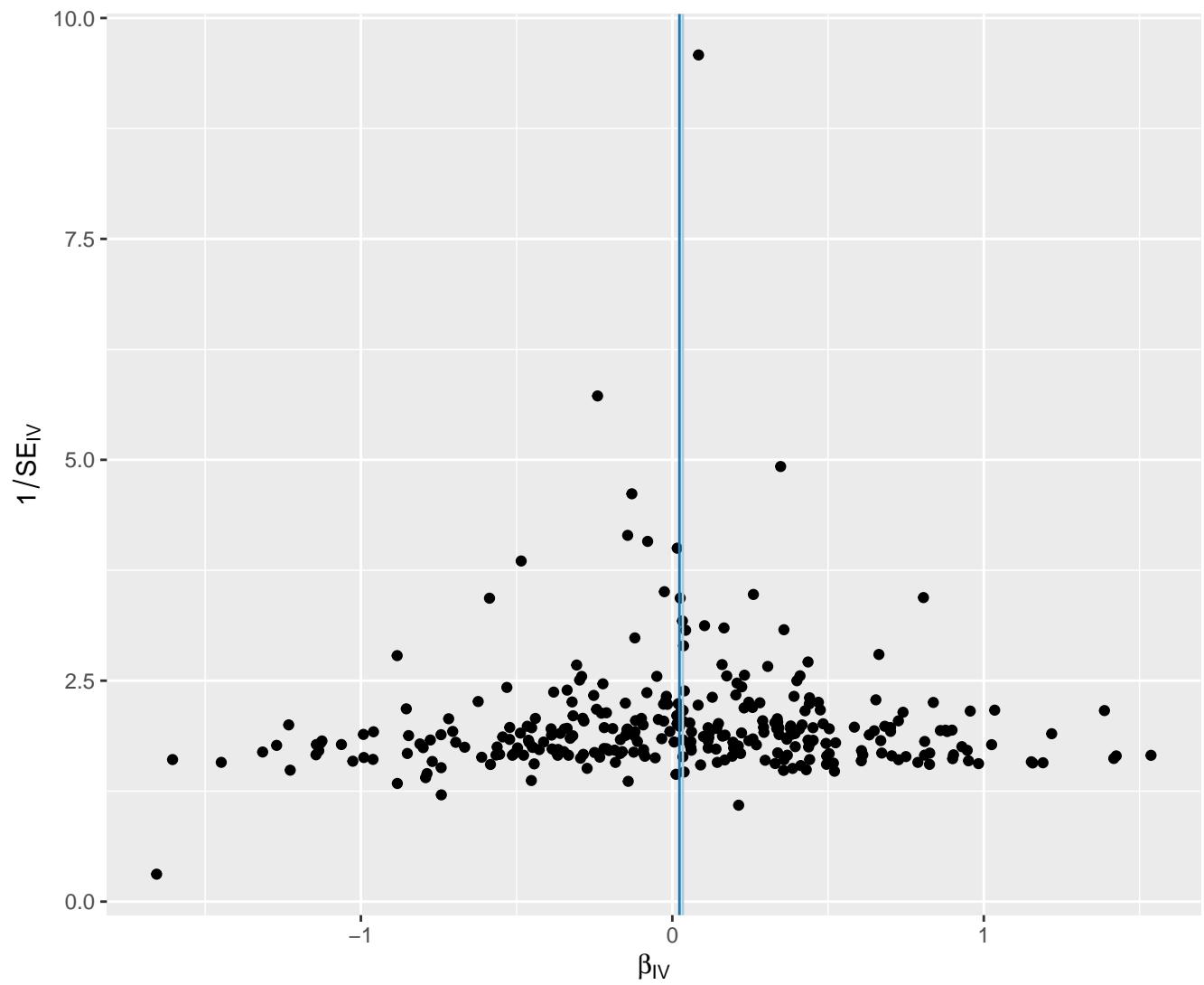
MR Egger



1-linoleoylglycerol (1-monolinolein)

MR Method

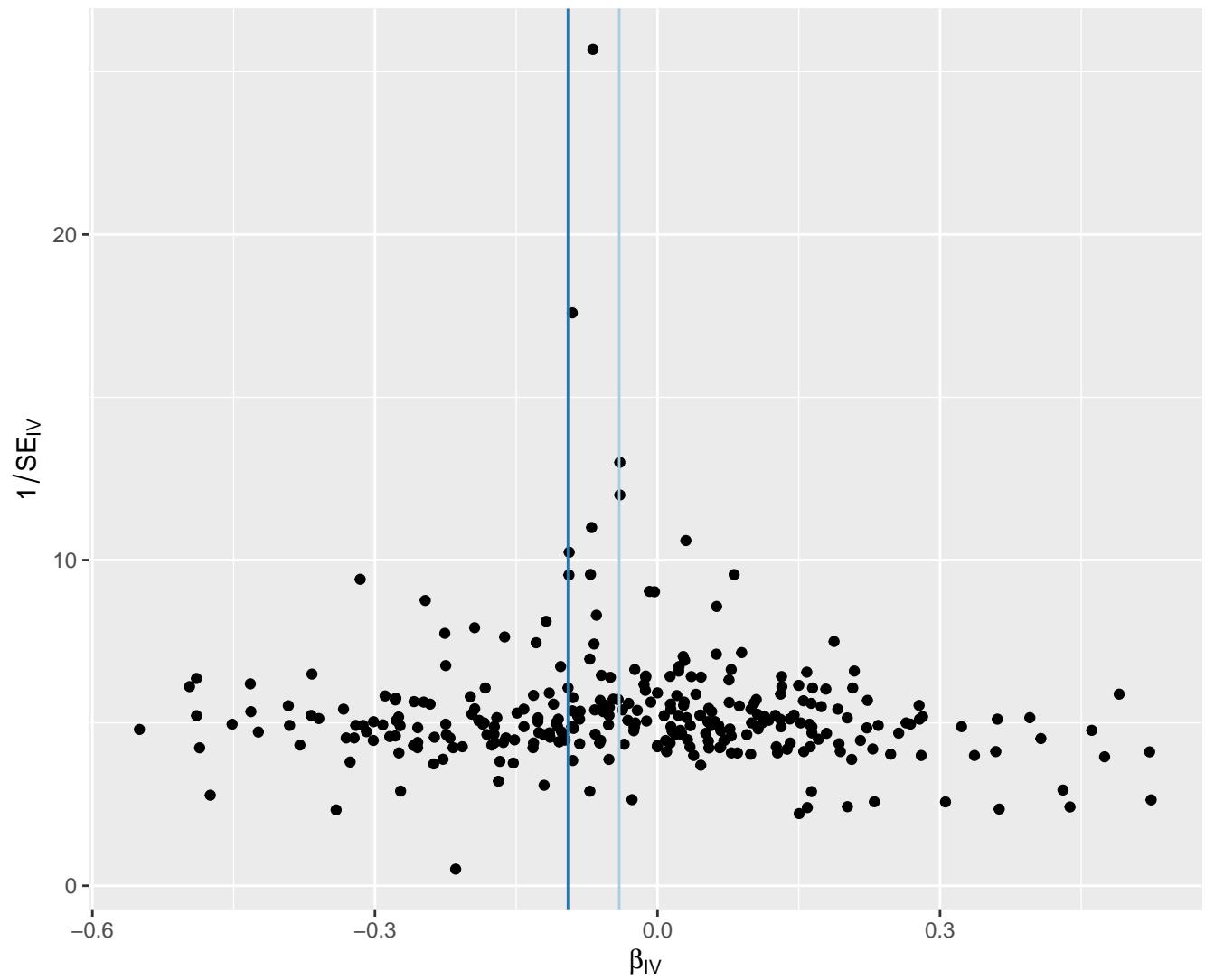
- Inverse variance weighted
- MR Egger



1-linoleoylglycerophosphocholine

MR Method

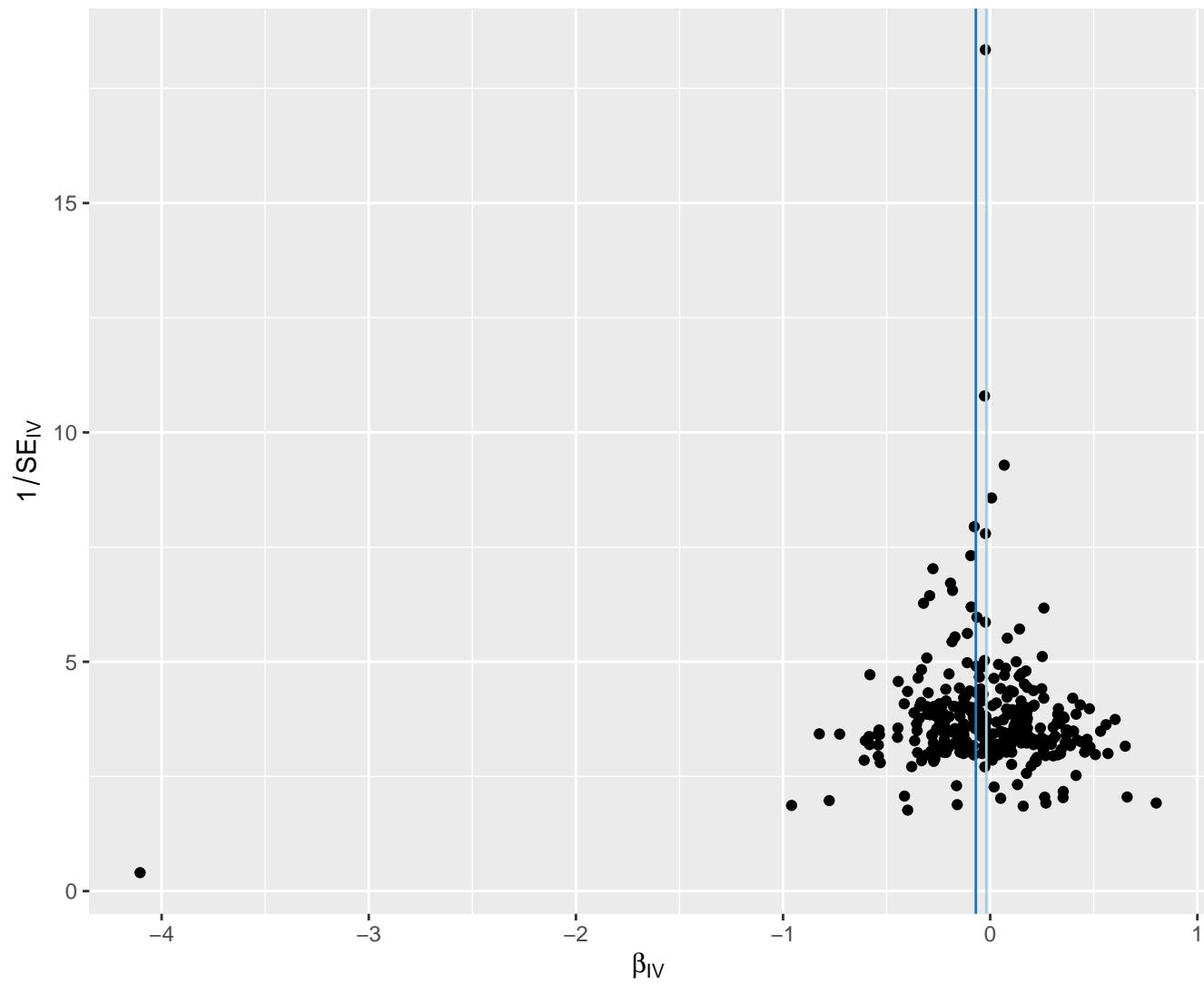
- Inverse variance weighted
- MR Egger



1-linoleoylglycerophosphoethanolamine*

MR Method

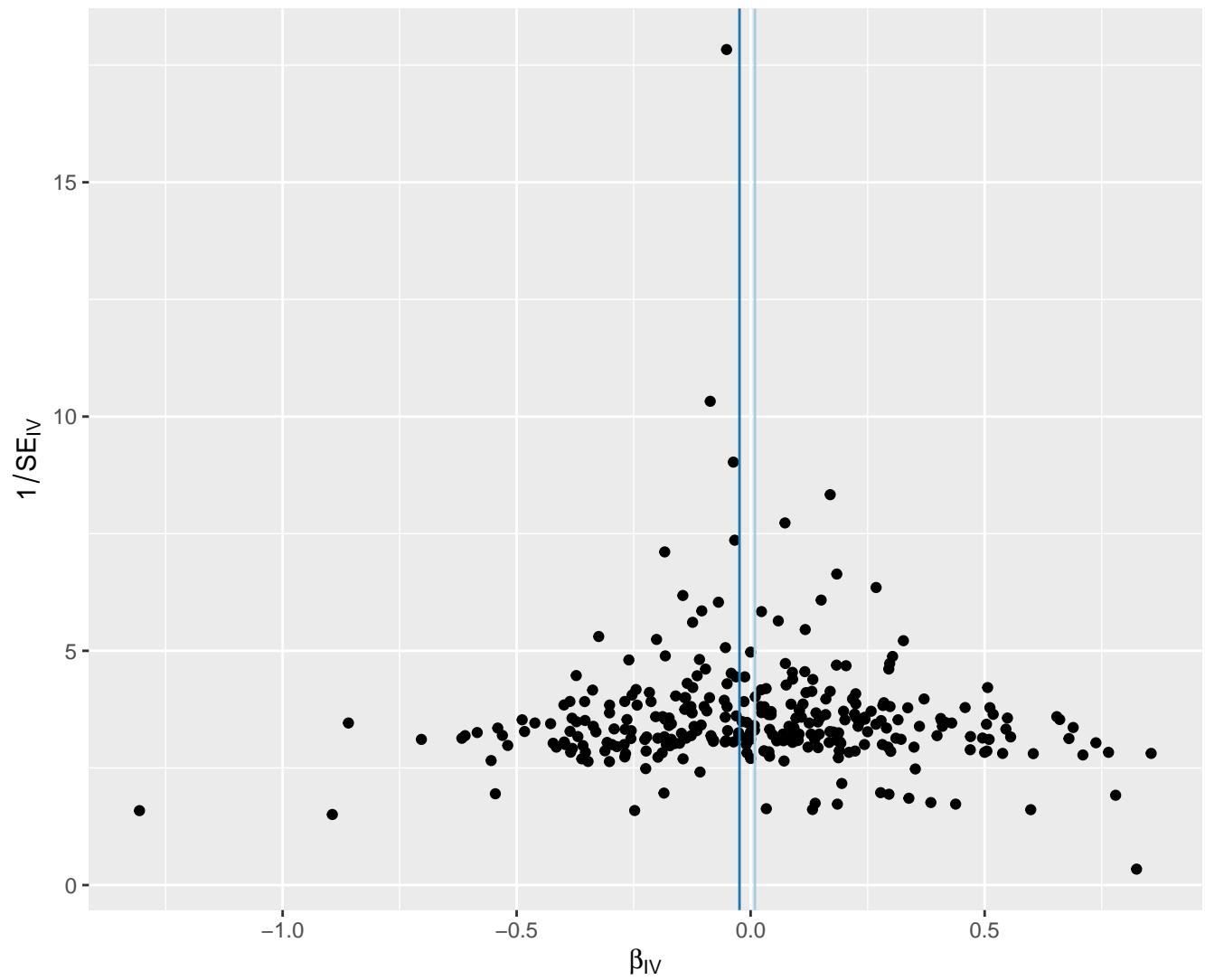
- Inverse variance weighted
- MR Egger



1-myristoylglycerophosphocholine

MR Method

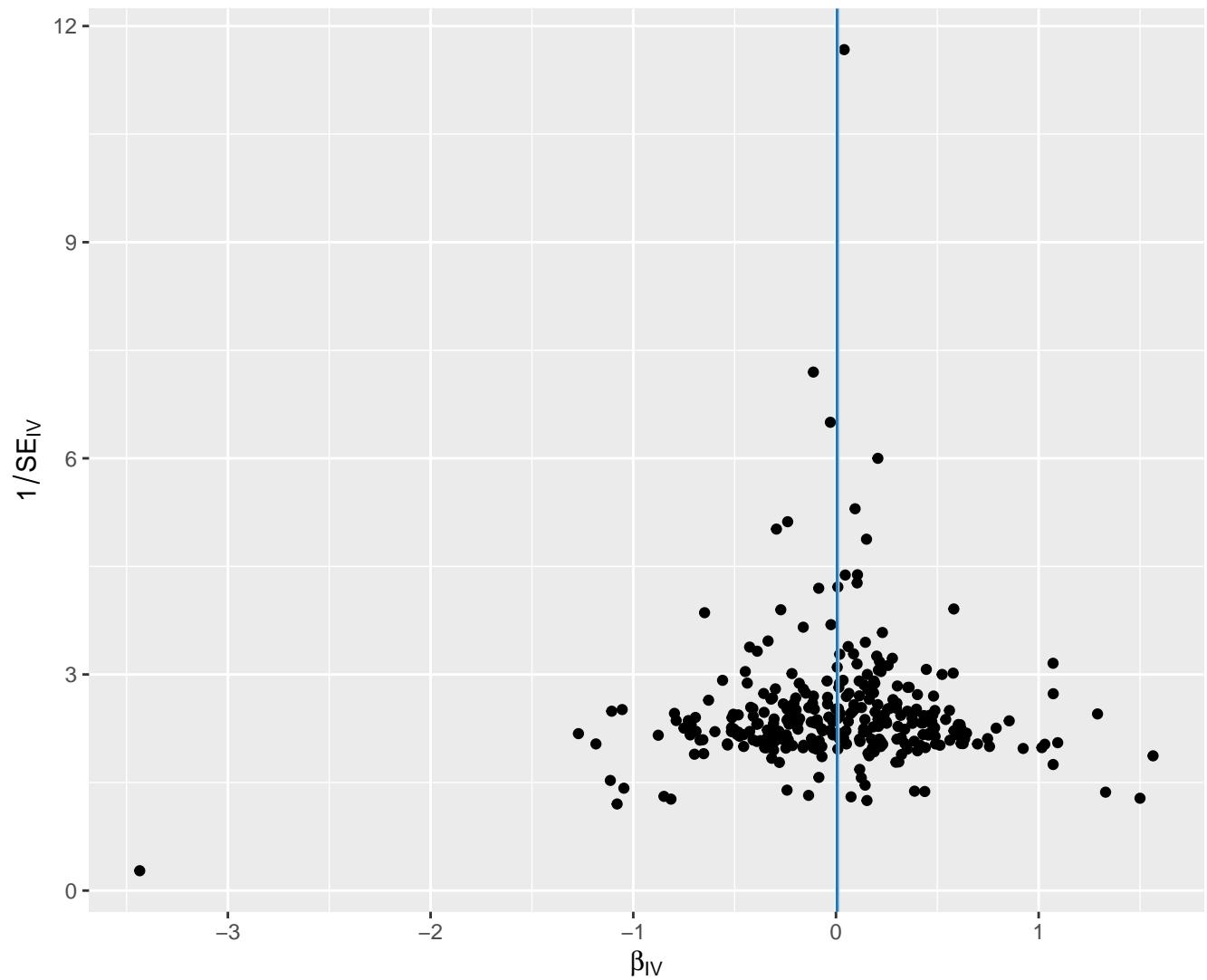
- Inverse variance weighted
- MR Egger



1–oleoylglycerol (1–monoolein)

MR Method

- Inverse variance weighted
- MR Egger

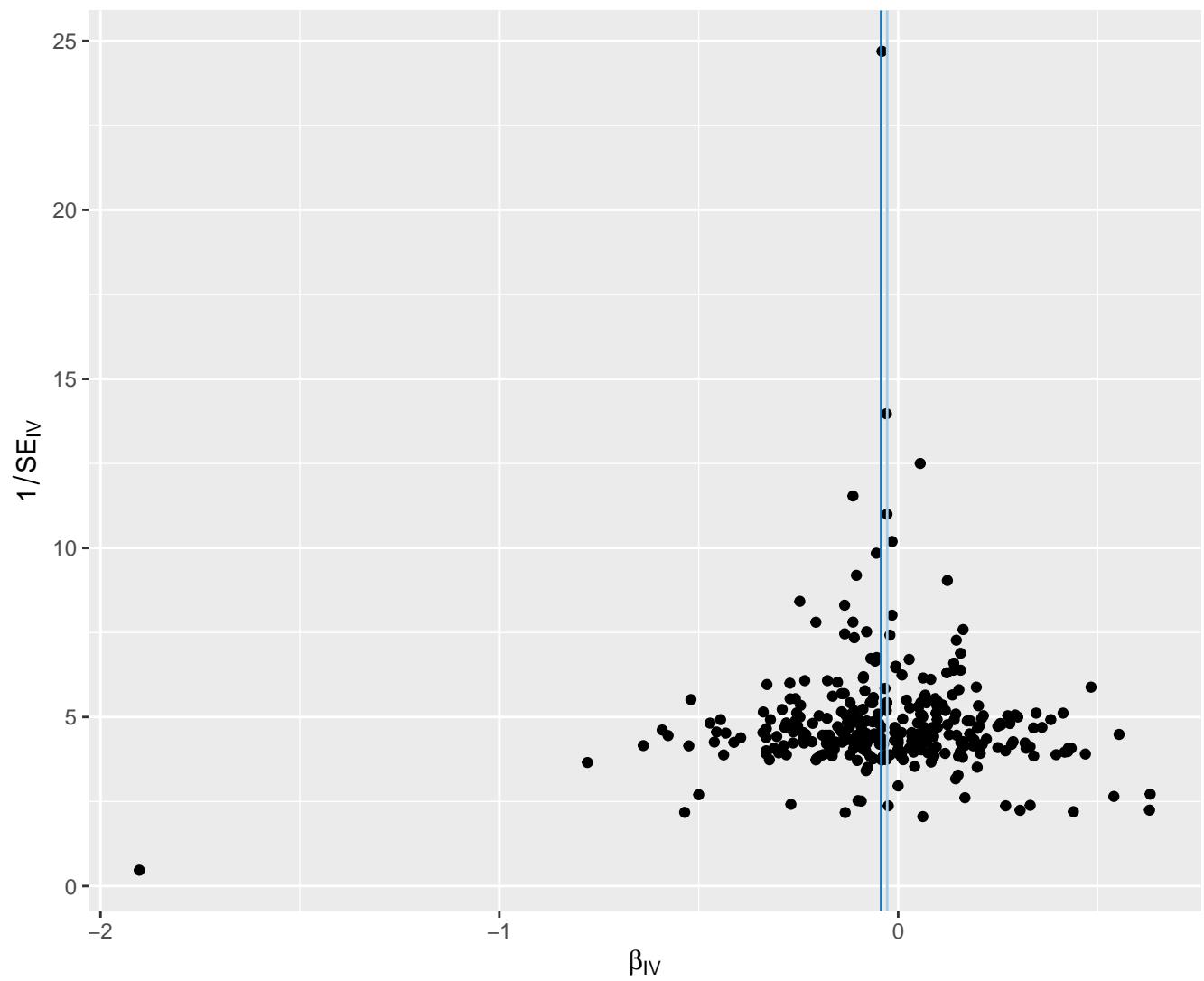


1–oleoylglycerophosphocholine

MR Method

Inverse variance weighted

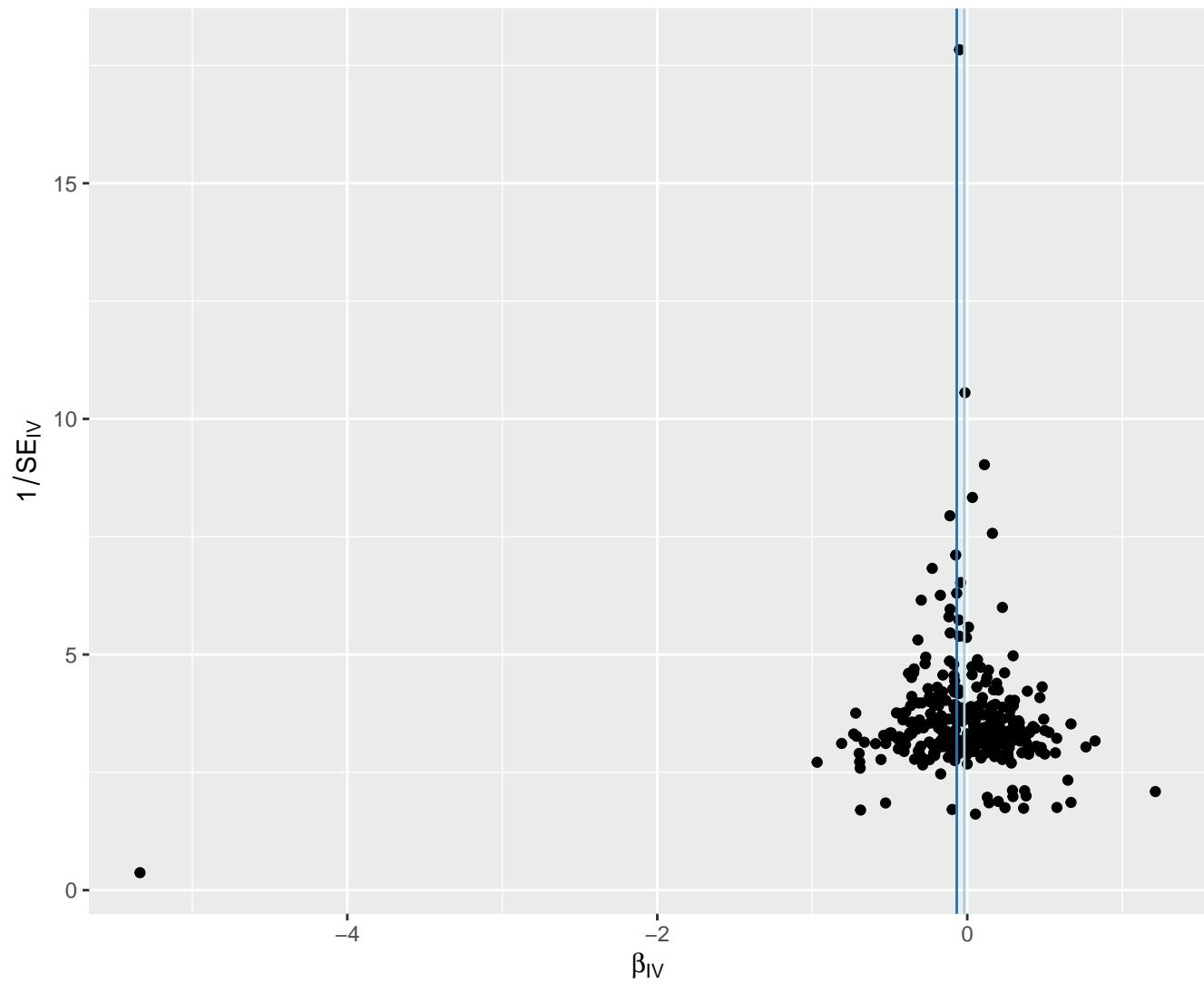
MR Egger



1–oleoylglycerophosphoethanolamine

MR Method

- Inverse variance weighted
- MR Egger

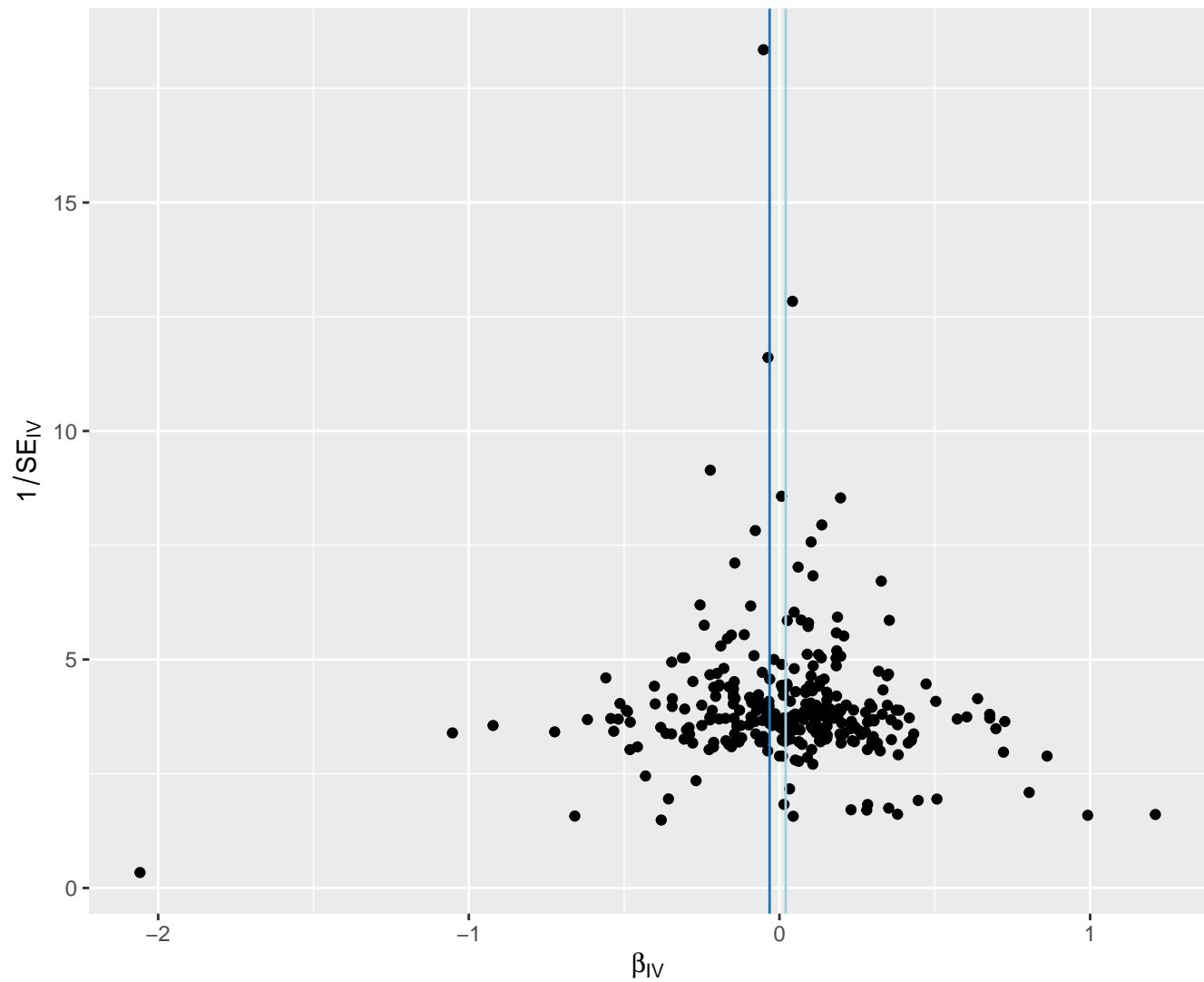


1-palmitoleoylglycerophosphocholine*

MR Method

Inverse variance weighted

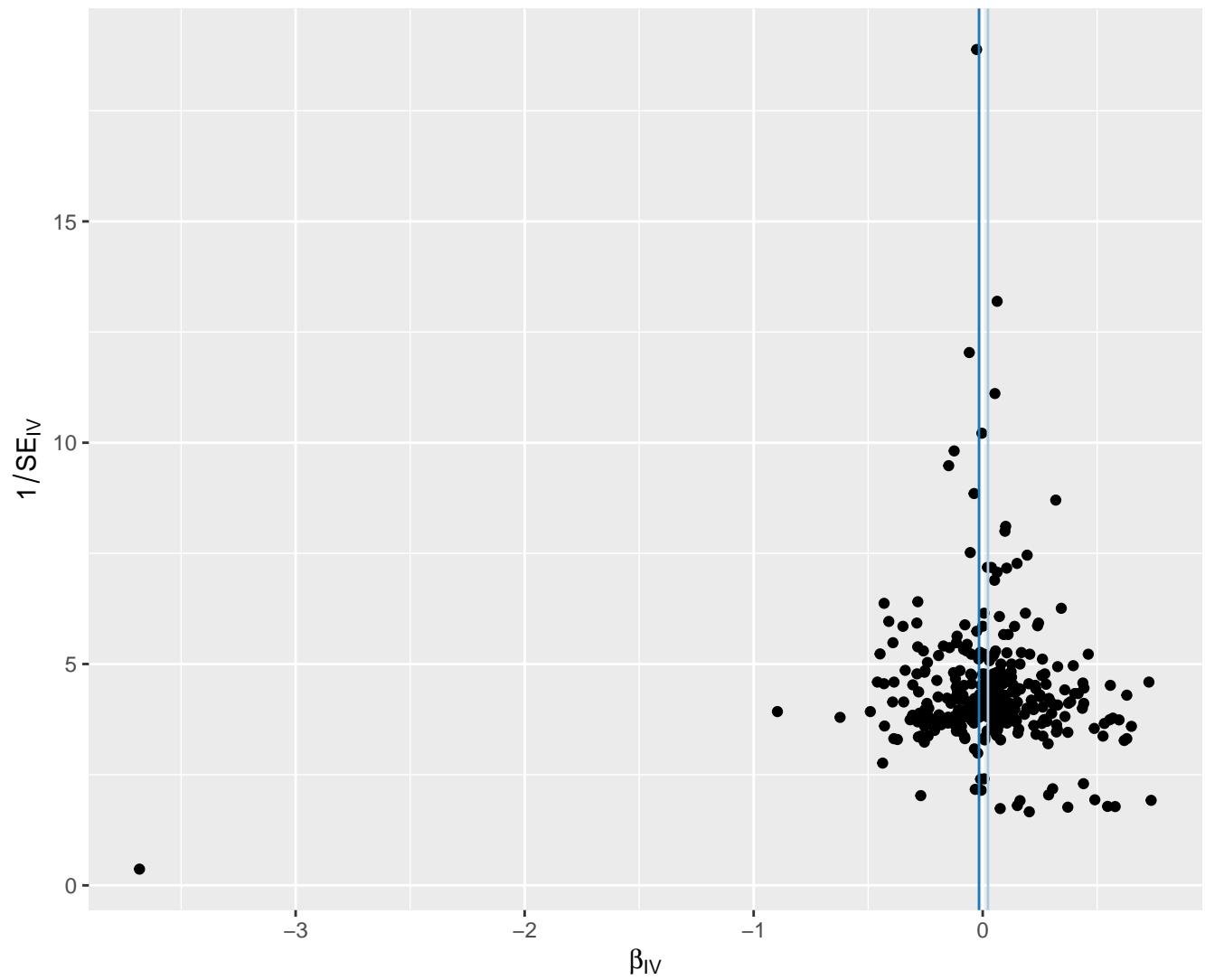
MR Egger



1-palmitoylglycerol (1-monopalmitin)

MR Method

- Inverse variance weighted
- MR Egger

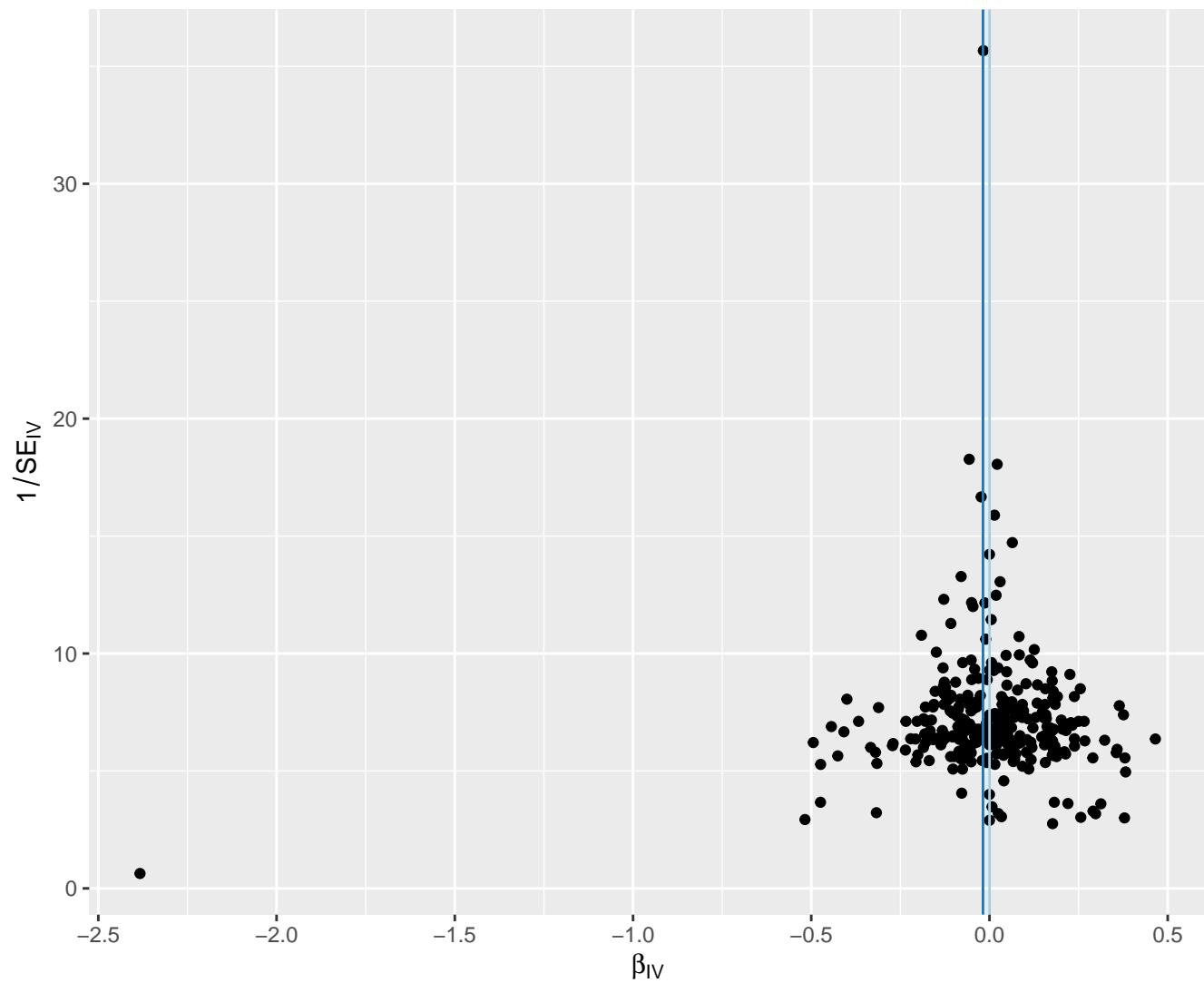


1-palmitoylglycerophosphocholine

MR Method

 Inverse variance weighted

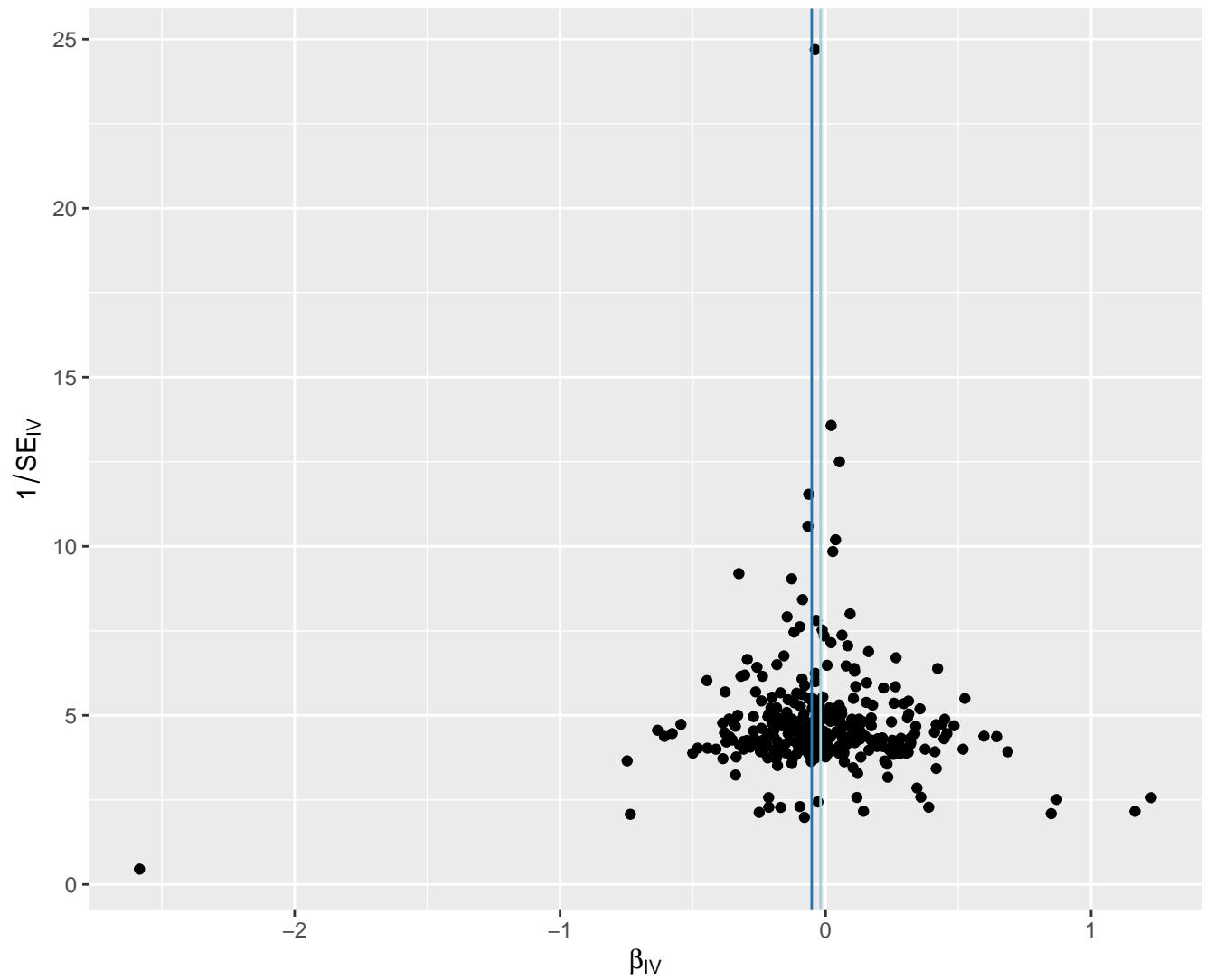
 MR Egger



1-palmitoylglycerophosphoethanolamine

MR Method

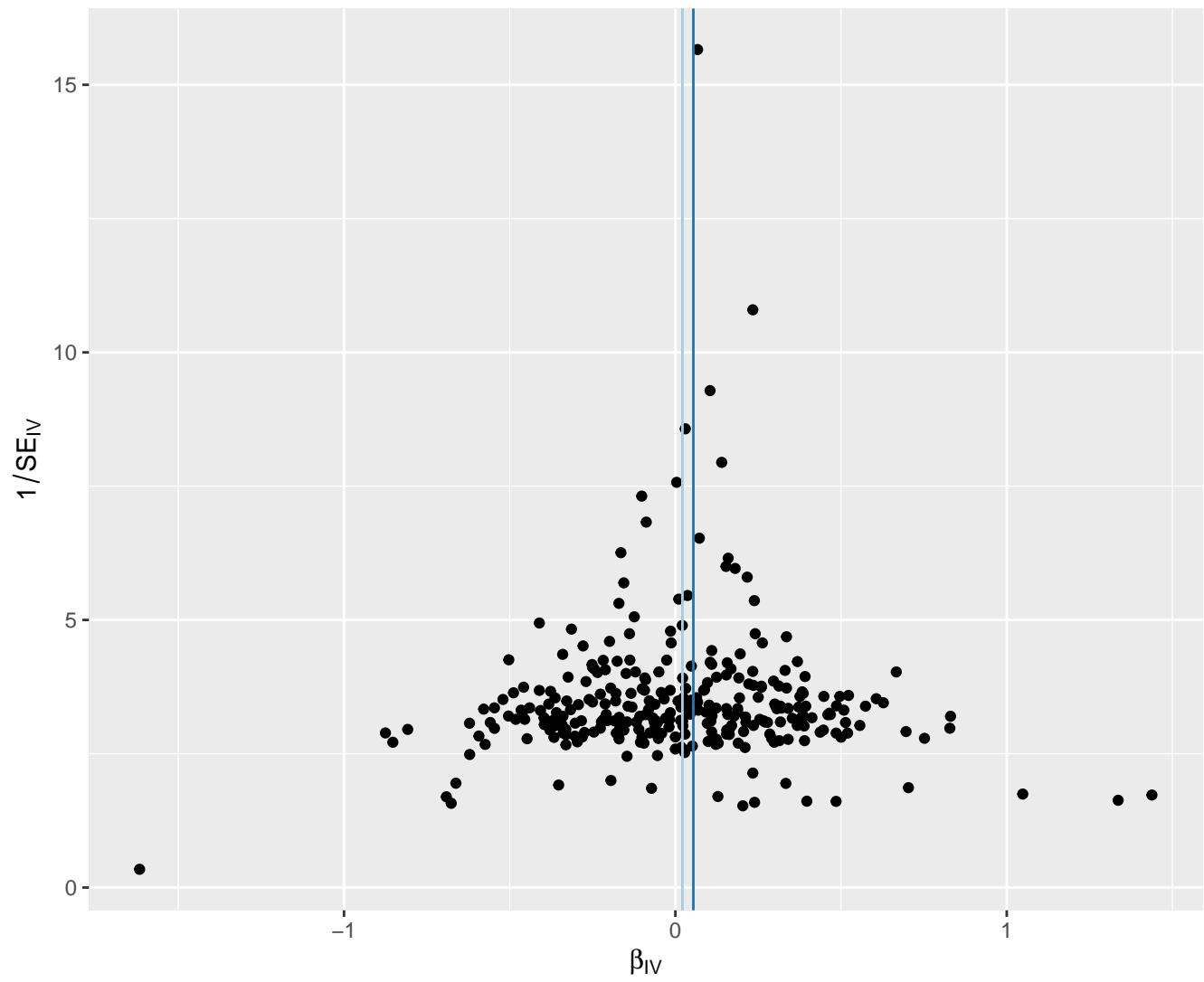
- Inverse variance weighted
- MR Egger



1-palmitoylglycerophosphoinositol*

MR Method

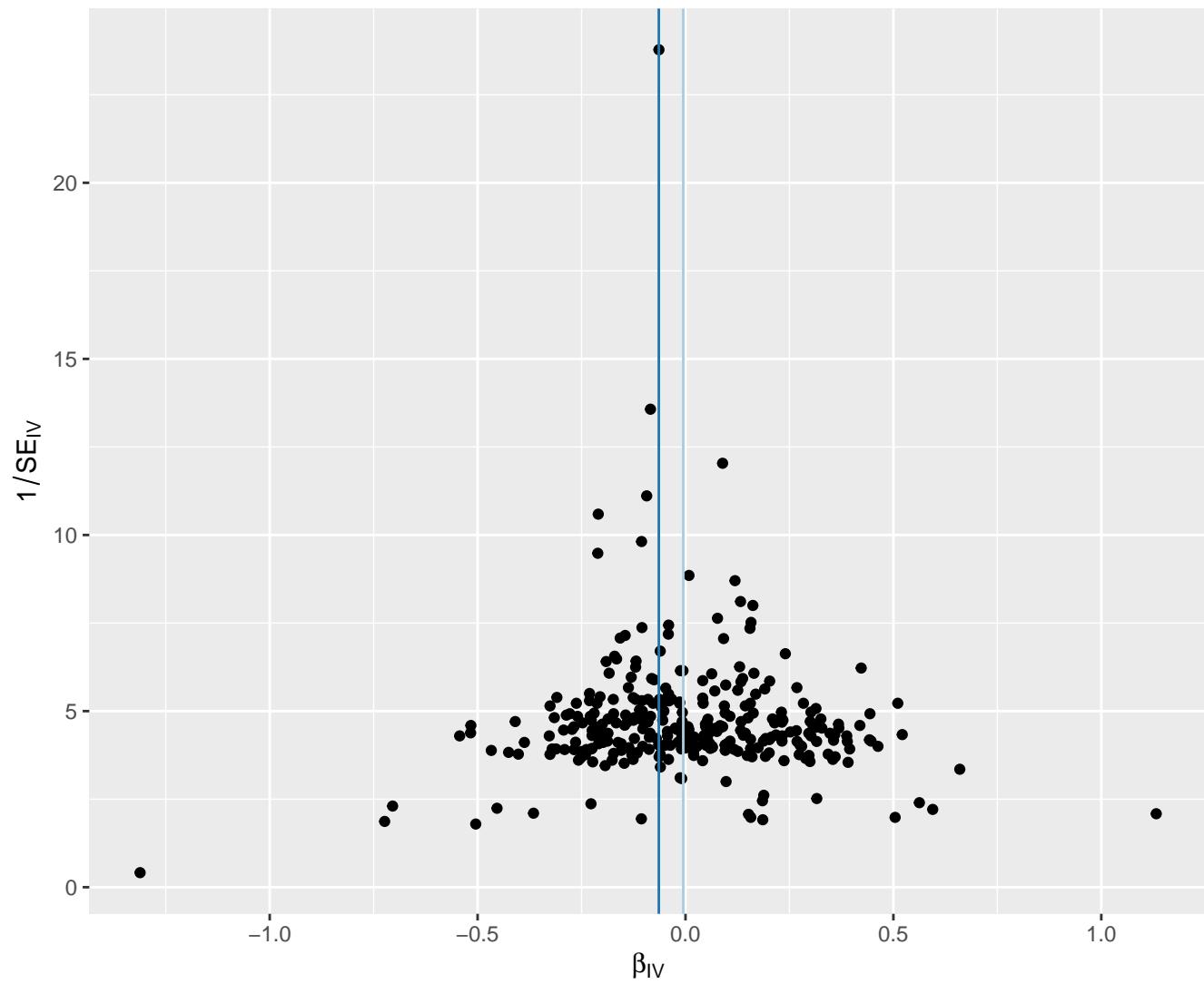
- Inverse variance weighted
- MR Egger



1–stearoylglycerol (1–monostearin)

MR Method

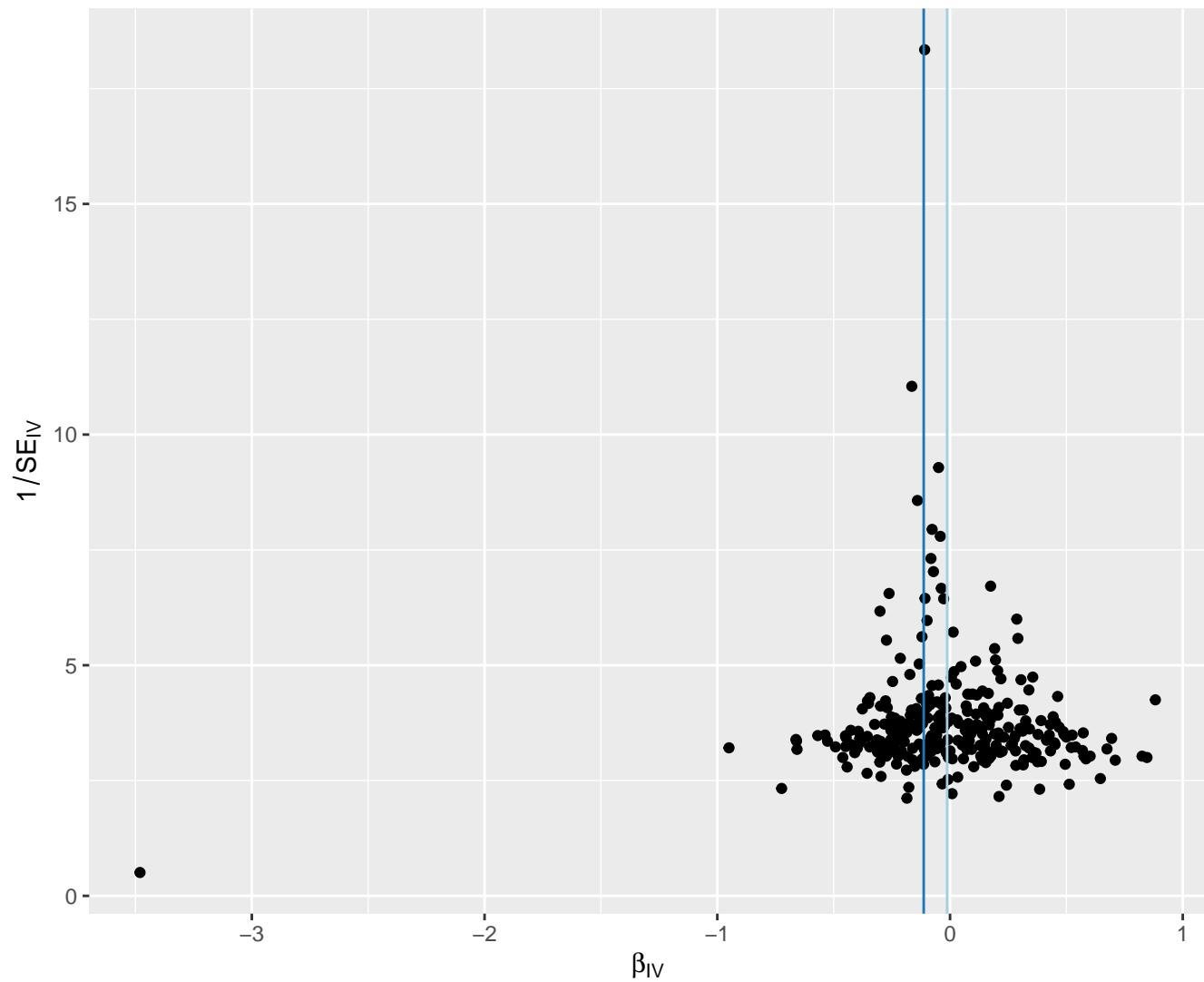
- Inverse variance weighted
- MR Egger



1–stearoylglycerophosphocholine

MR Method

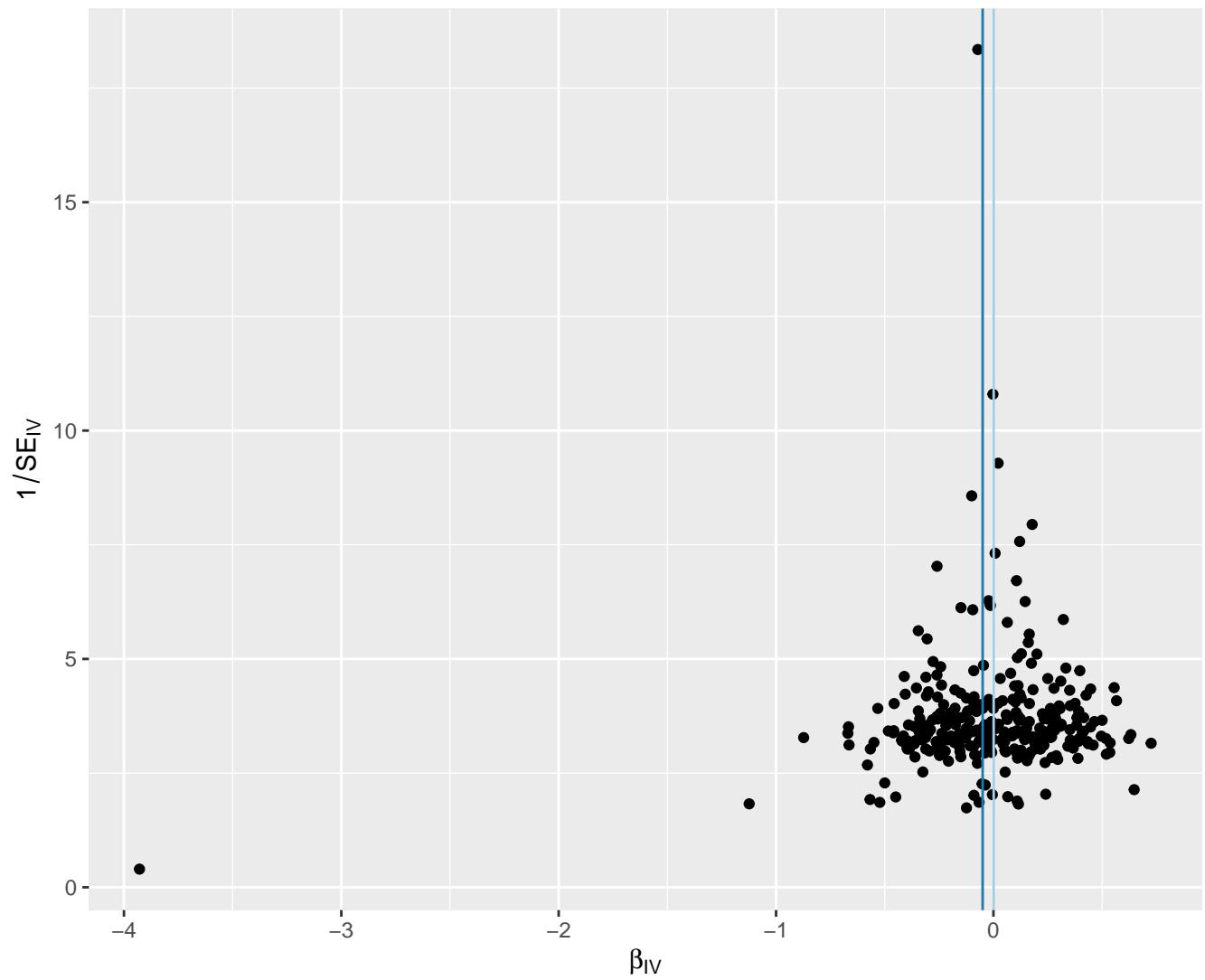
- Inverse variance weighted
- MR Egger



1–stearoylglycerophosphoethanolamine

MR Method

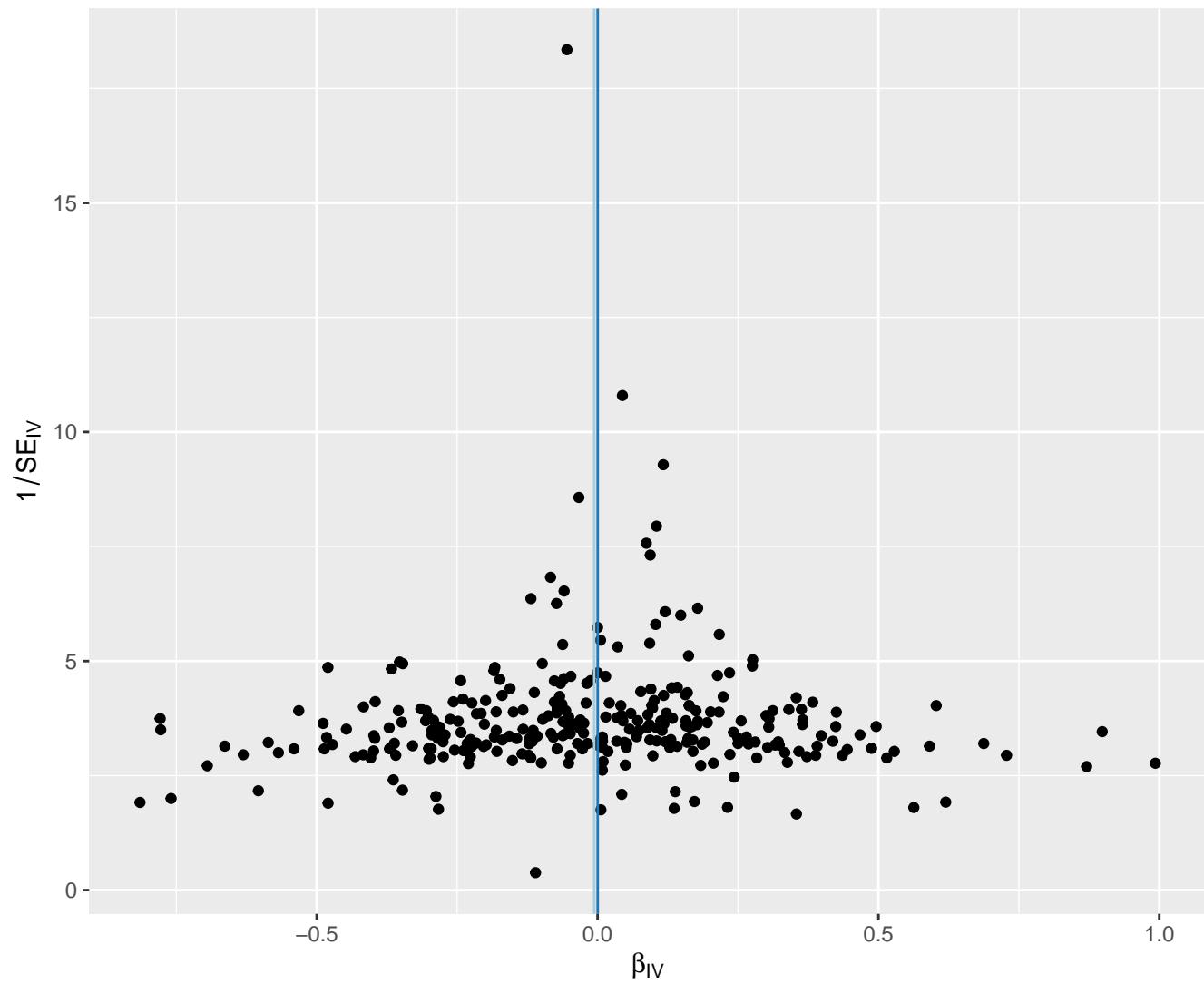
- Inverse variance weighted
- MR Egger



1–stearoylglycerophosphoinositol

MR Method

- Inverse variance weighted
- MR Egger

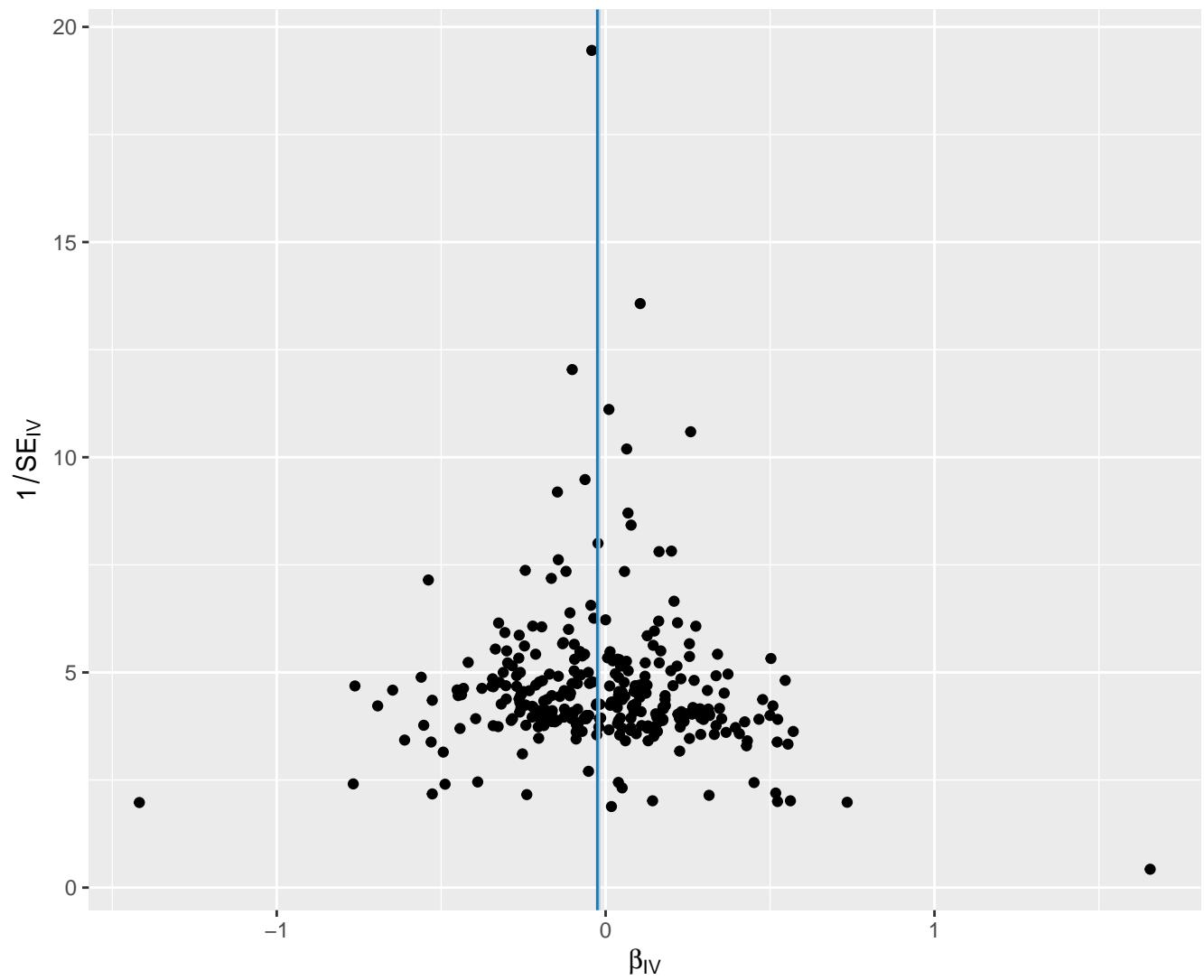


1,5-anhydroglucitol (1,5-AG)

MR Method

Inverse variance weighted

MR Egger

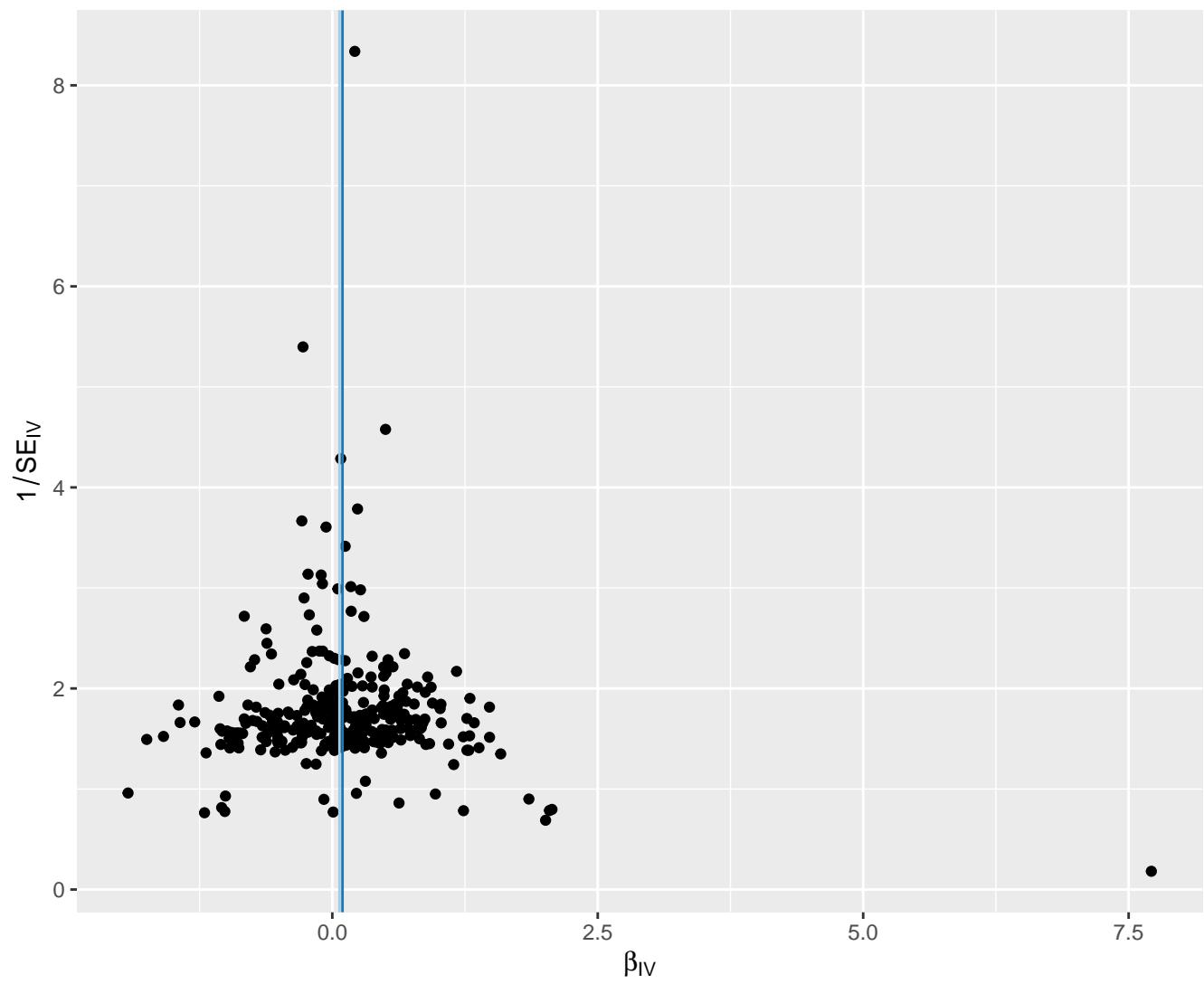


1,6-anhydroglucose

MR Method

Inverse variance weighted

MR Egger

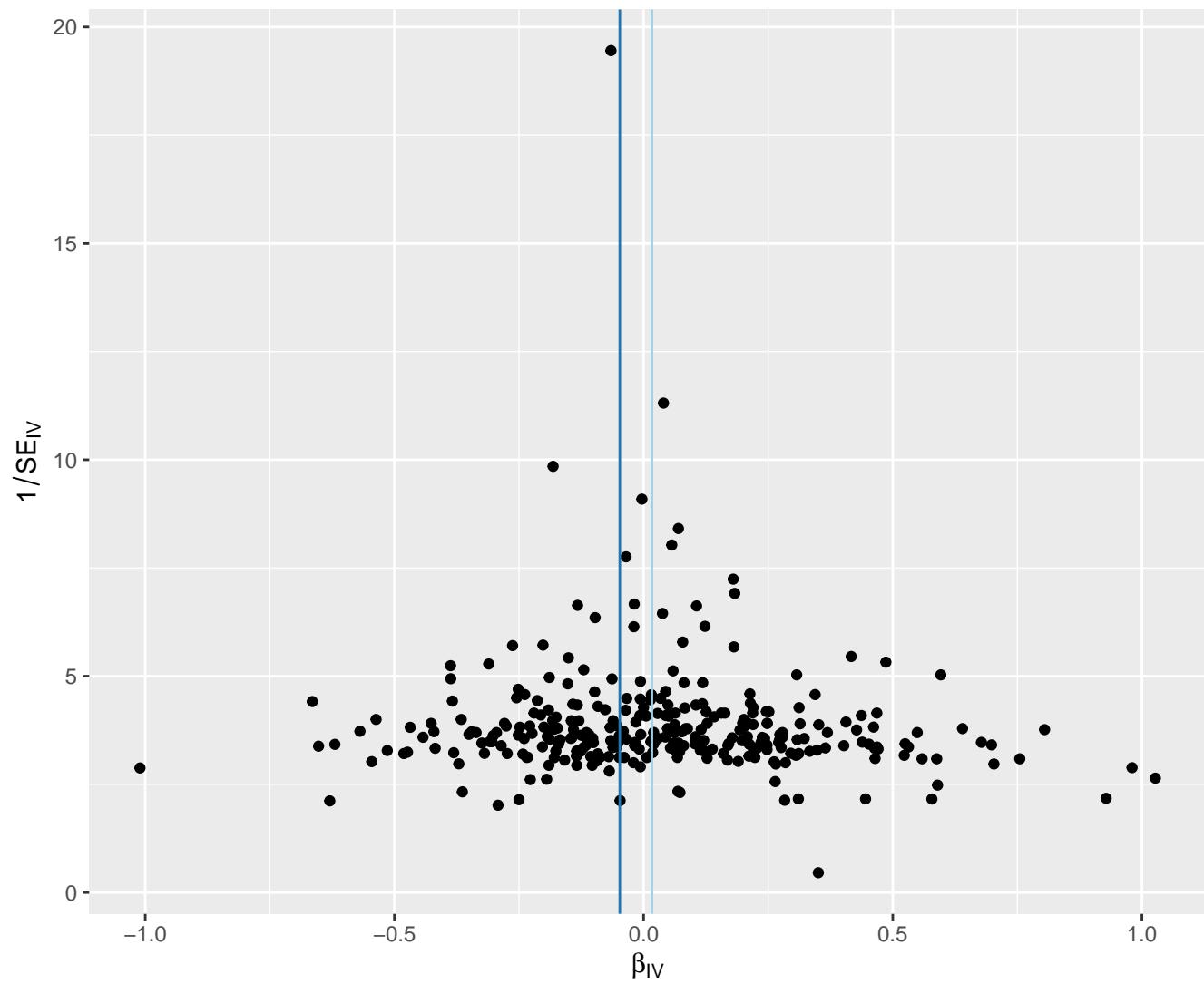


10-heptadecenoate (17:1n7)

MR Method

Inverse variance weighted

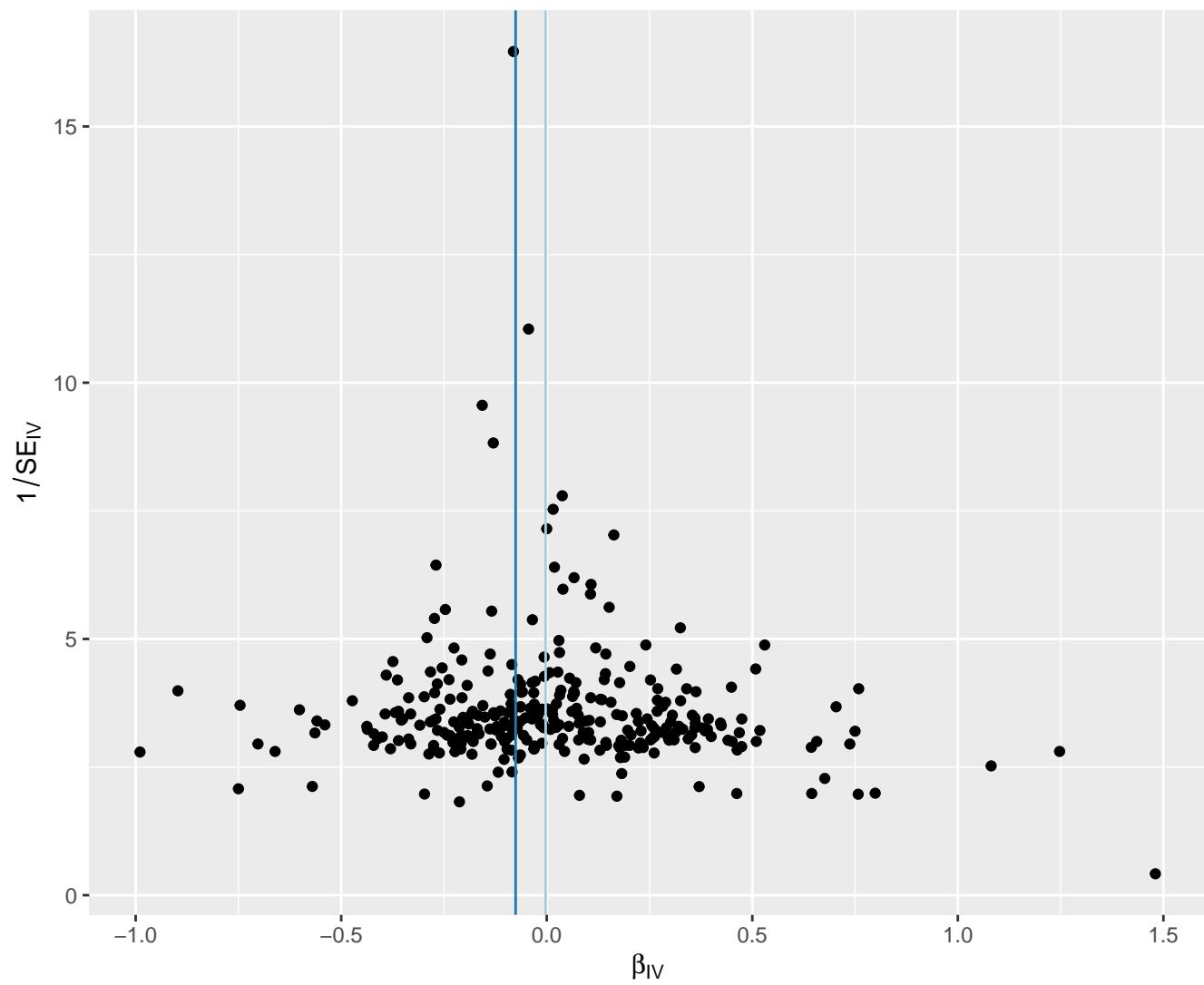
MR Egger



10–nonadecenoate (19:1n9)

MR Method

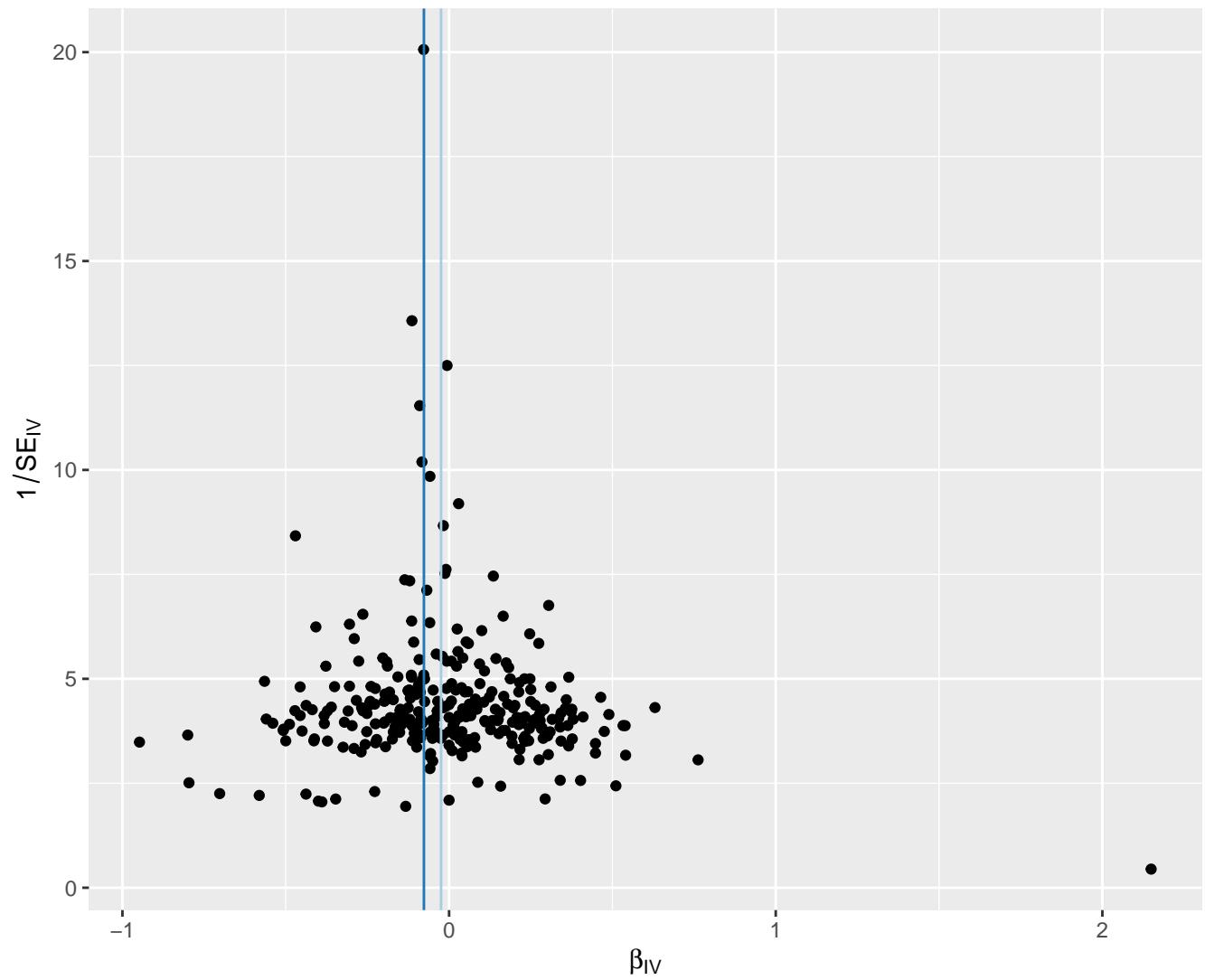
- Inverse variance weighted
- MR Egger



10-undecenoate (11:1n1)

MR Method

- Inverse variance weighted
- MR Egger

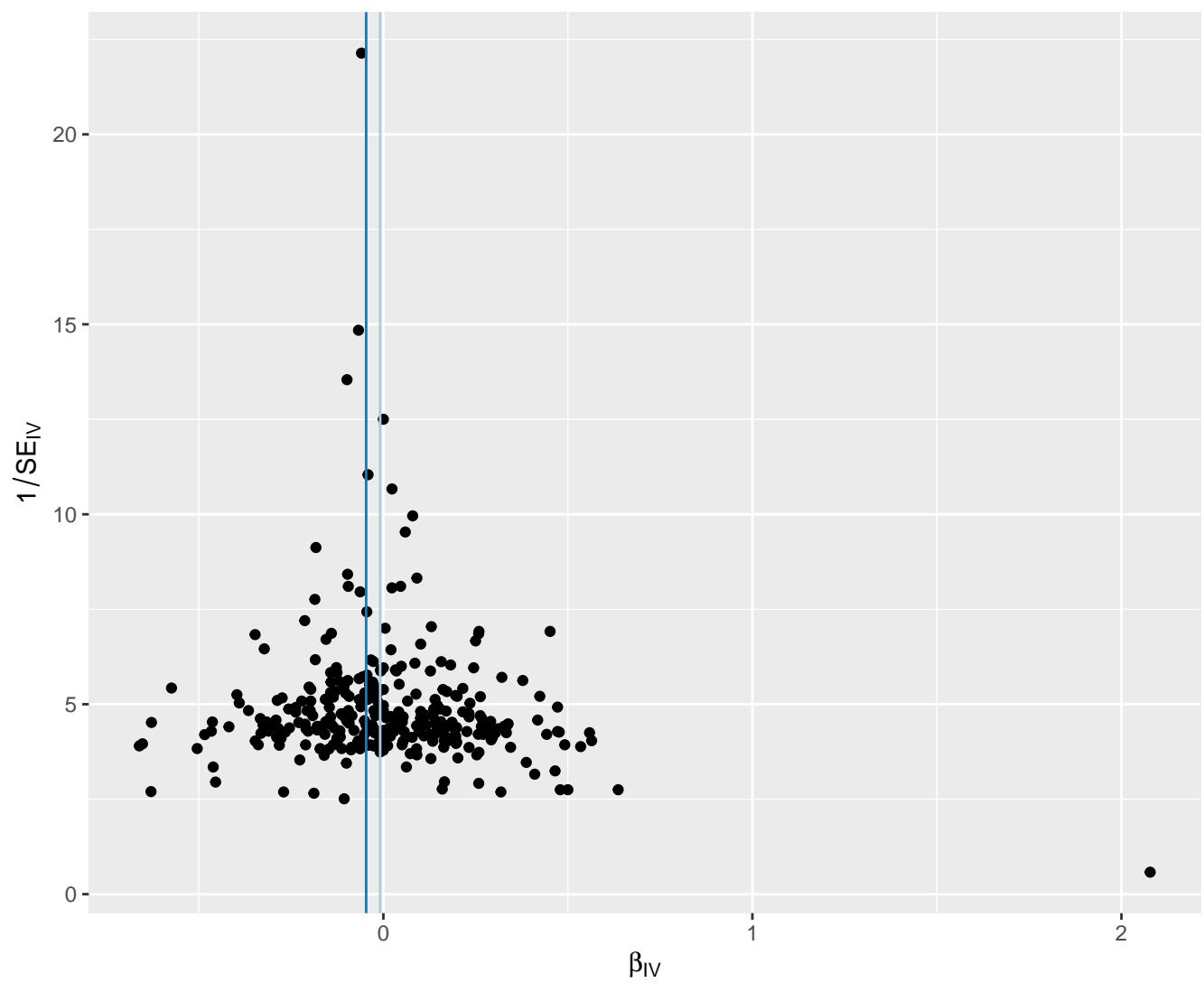


15-methylpalmitate (isobar with 2-methylpalmitate)

MR Method

Inverse variance weighted

MR Egger

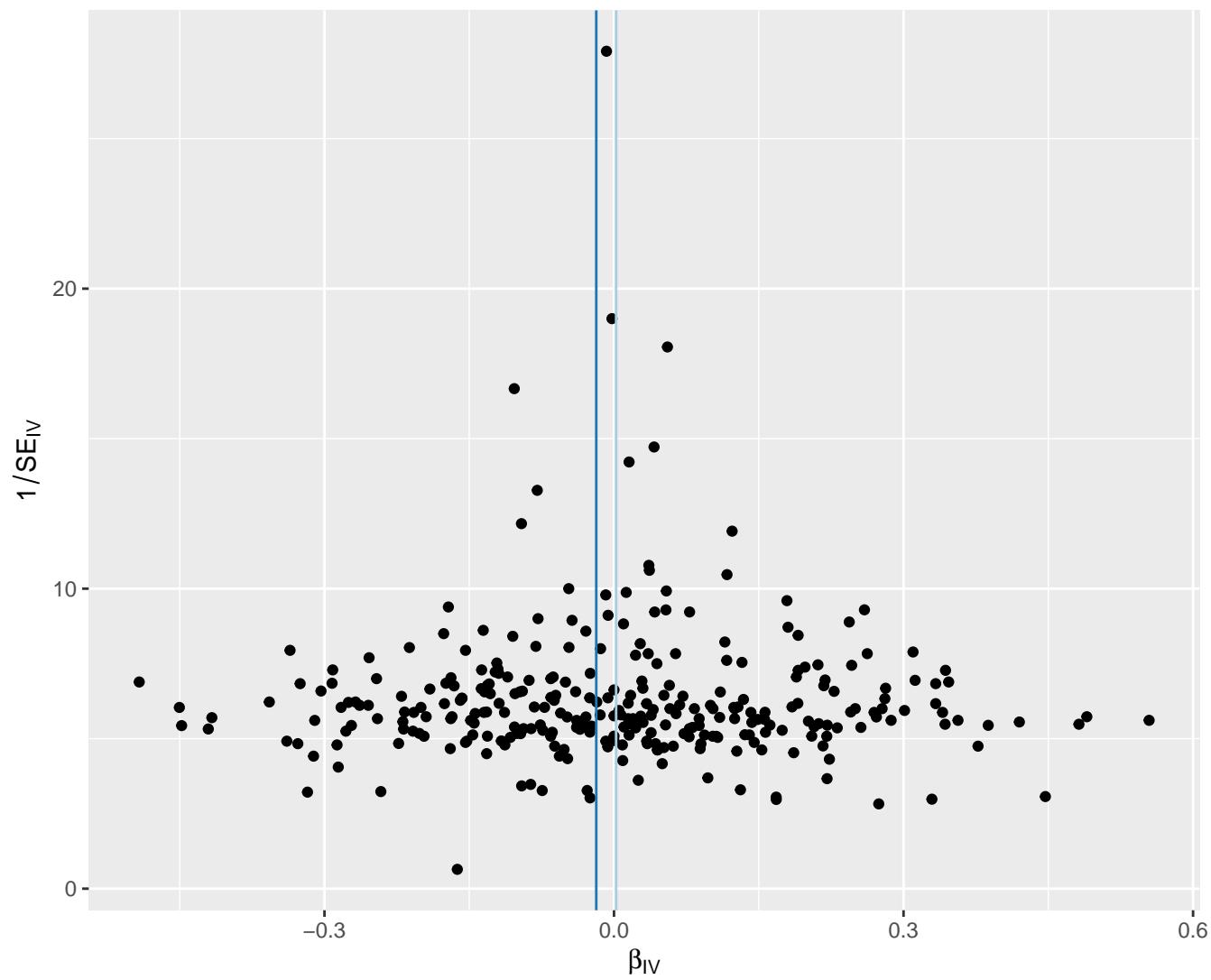


2-aminobutyrate

MR Method

Inverse variance weighted

MR Egger

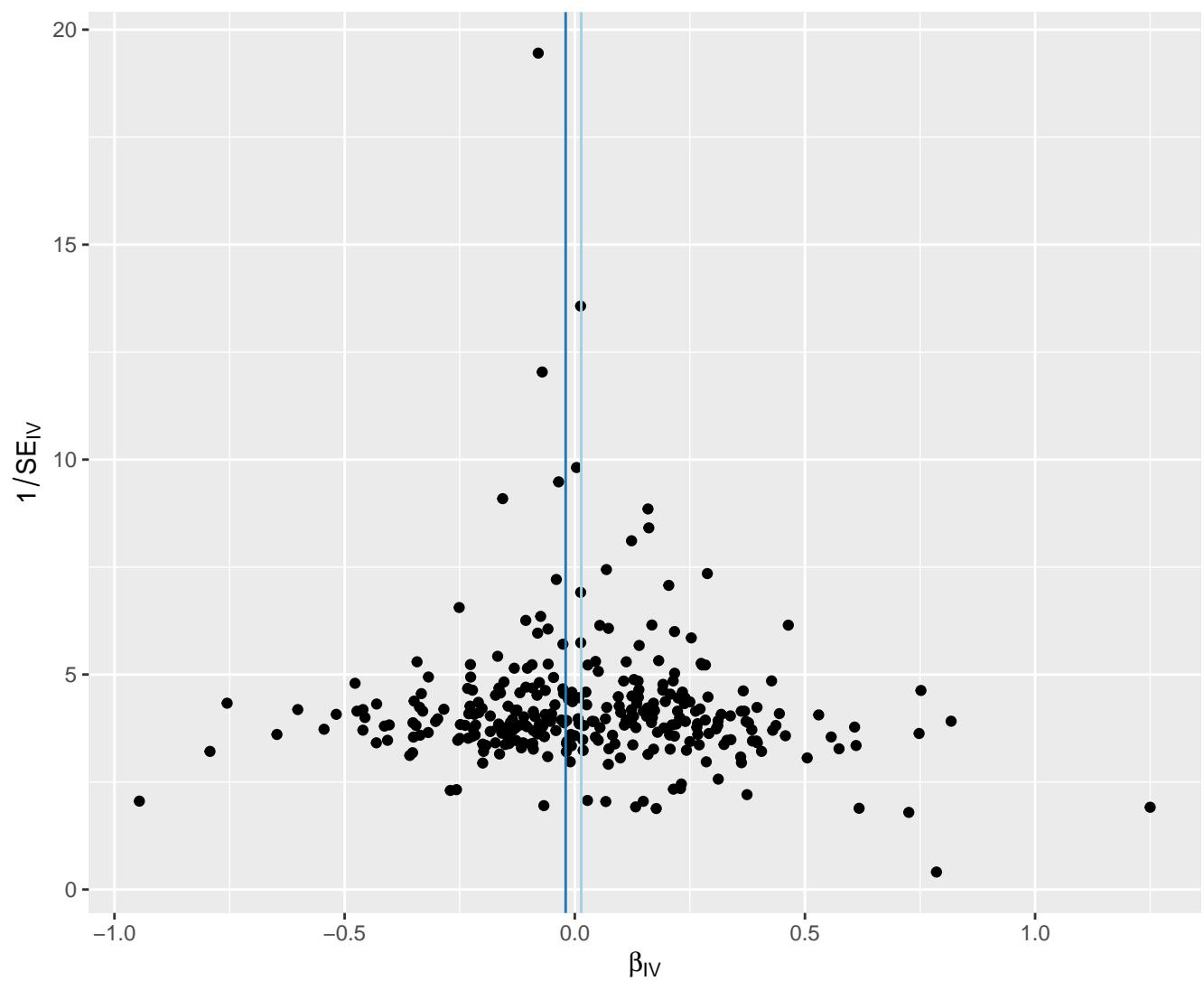


2-hydroxybutyrate (AHB)

MR Method

Inverse variance weighted

MR Egger

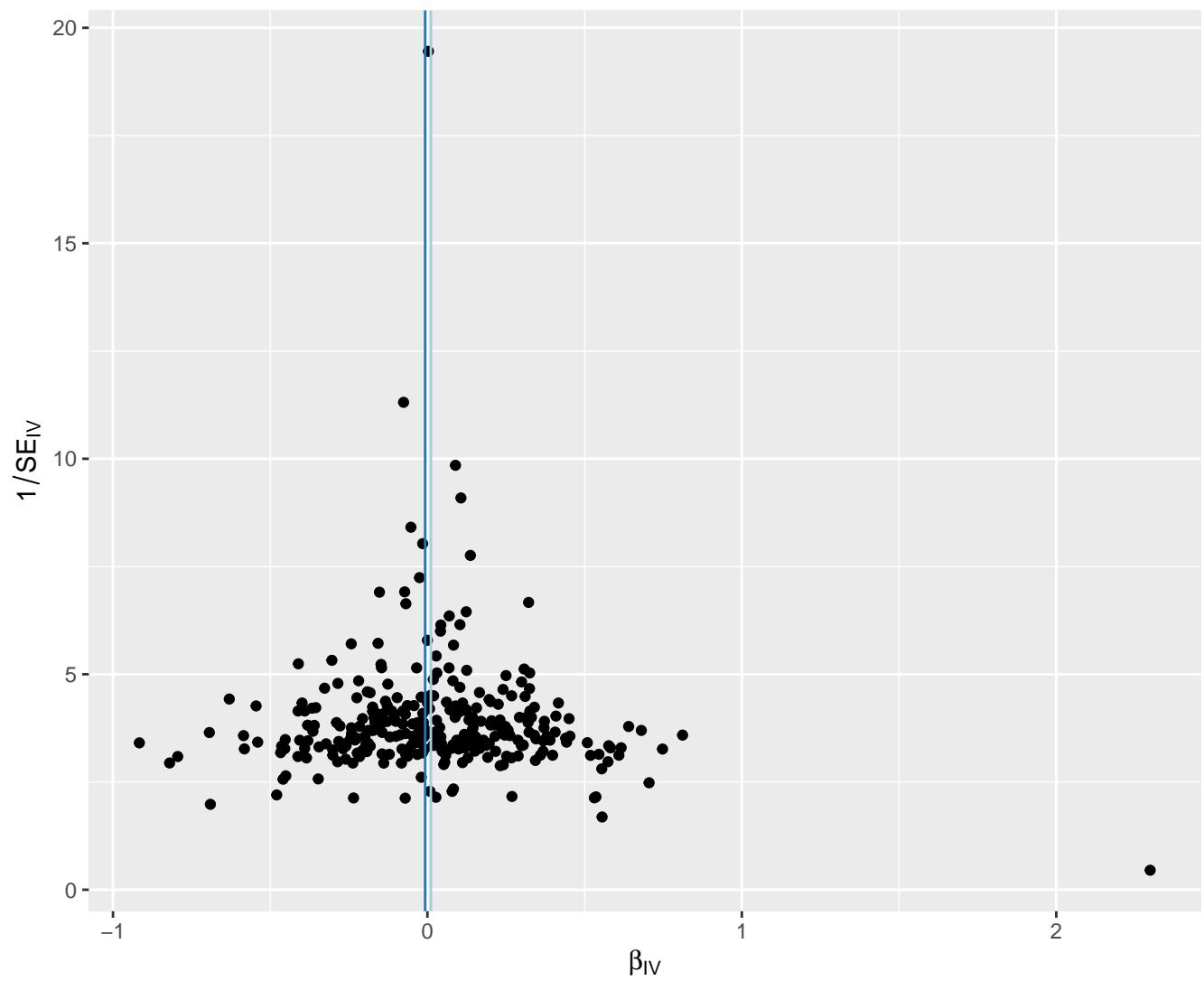


2-hydroxyglutarate

MR Method

Inverse variance weighted

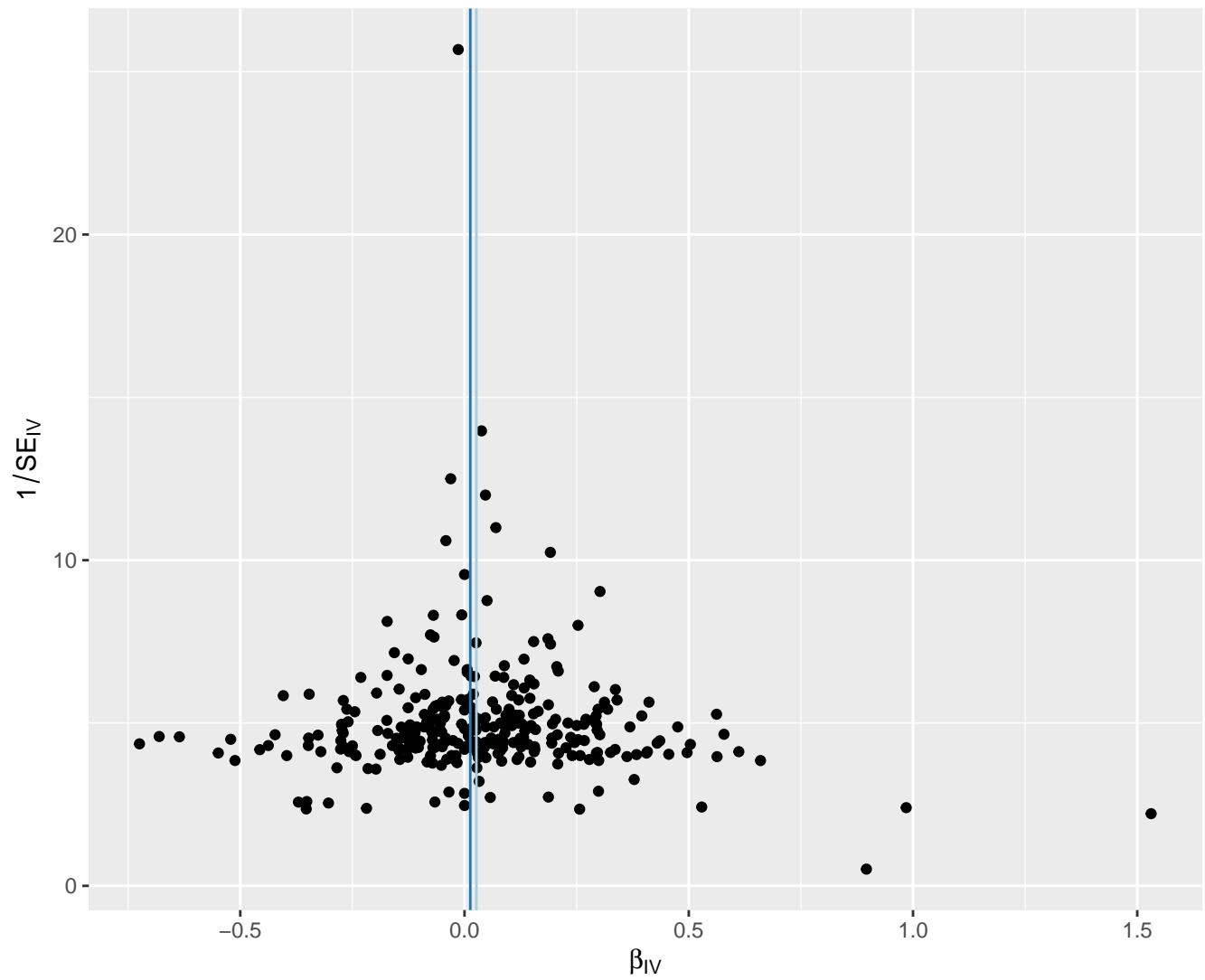
MR Egger



2-hydroxyisobutyrate

MR Method

- Inverse variance weighted
- MR Egger

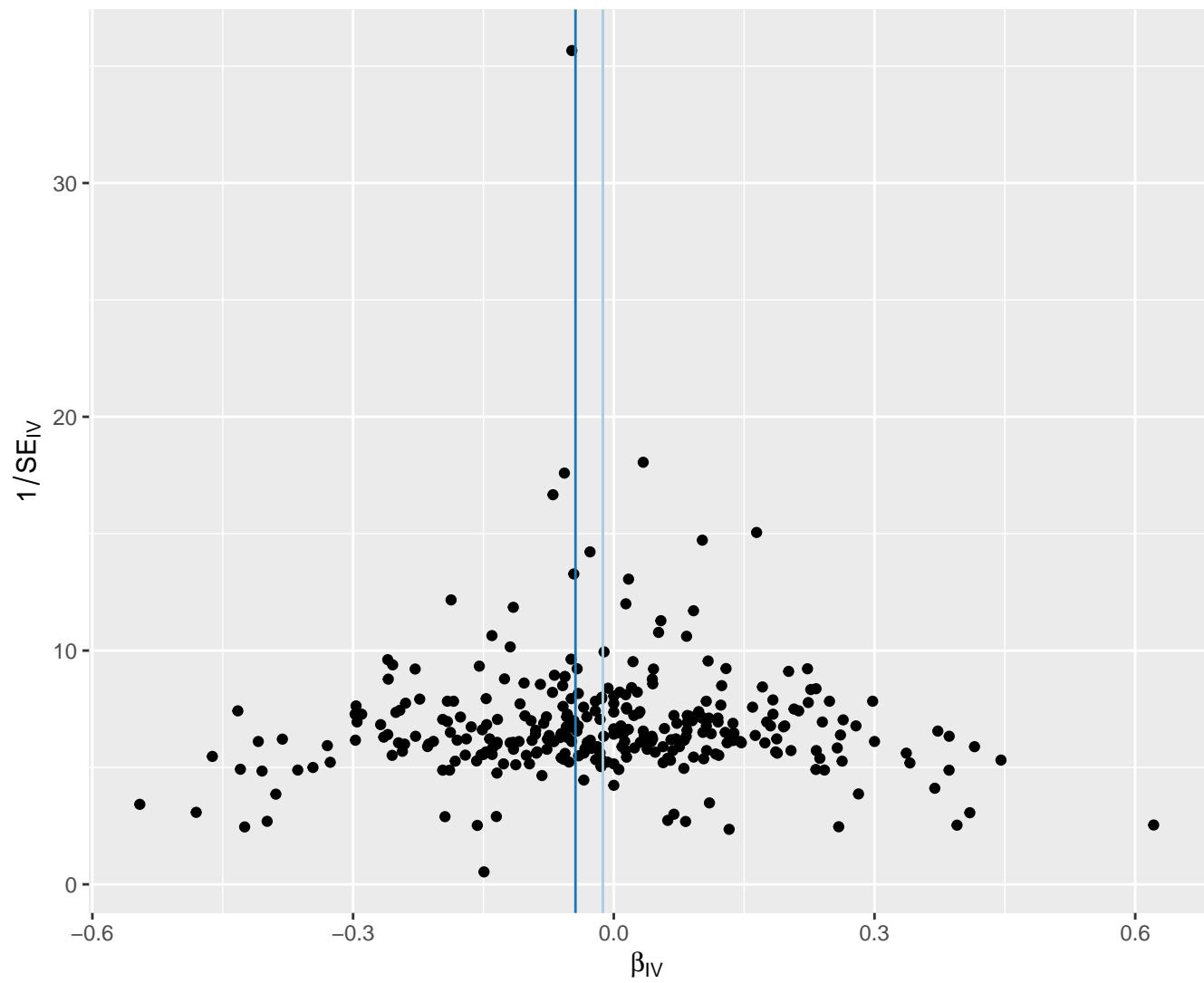


2-hydroxypalmitate

MR Method

Inverse variance weighted

MR Egger

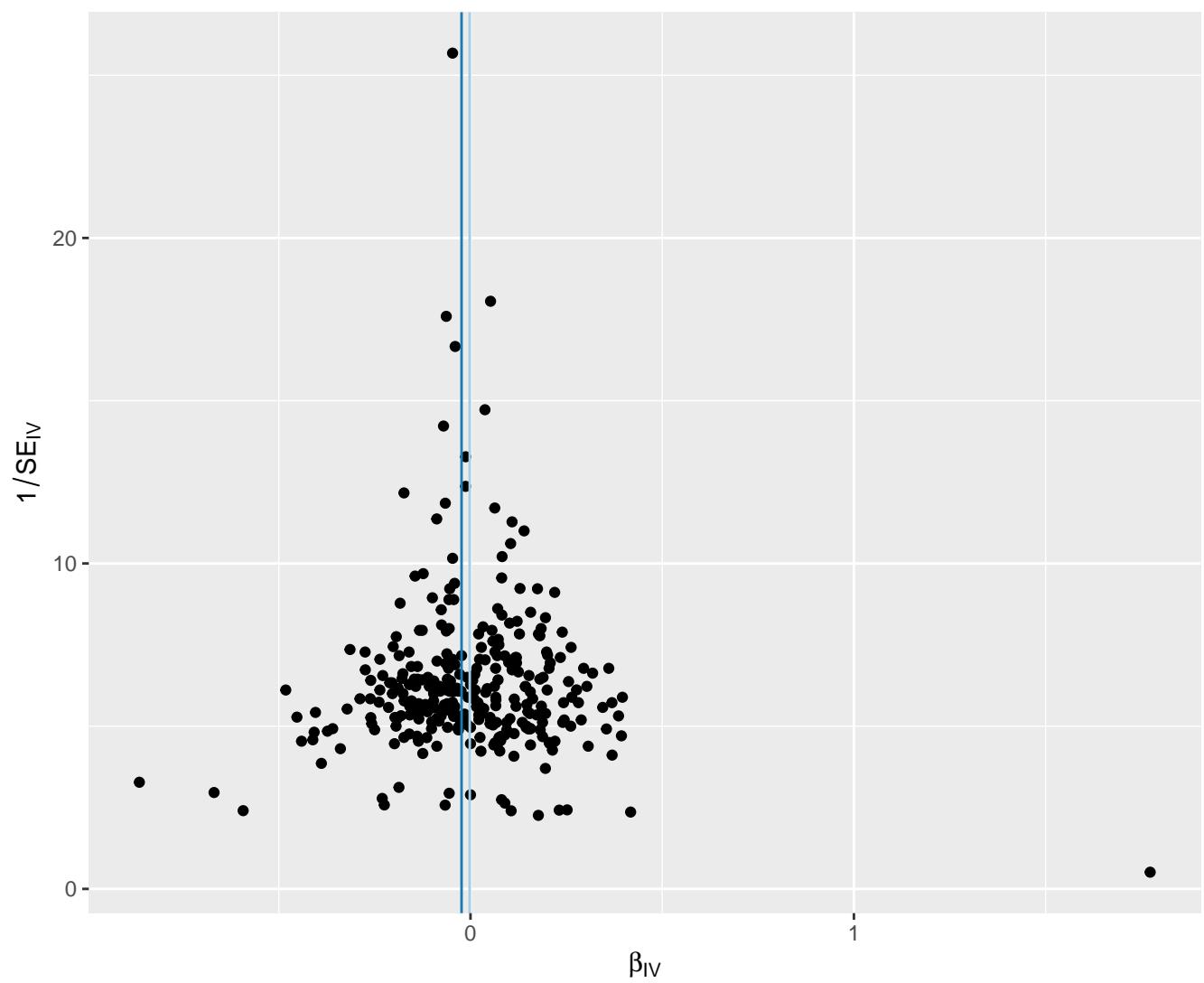


2-hydroxystearate

MR Method

Inverse variance weighted

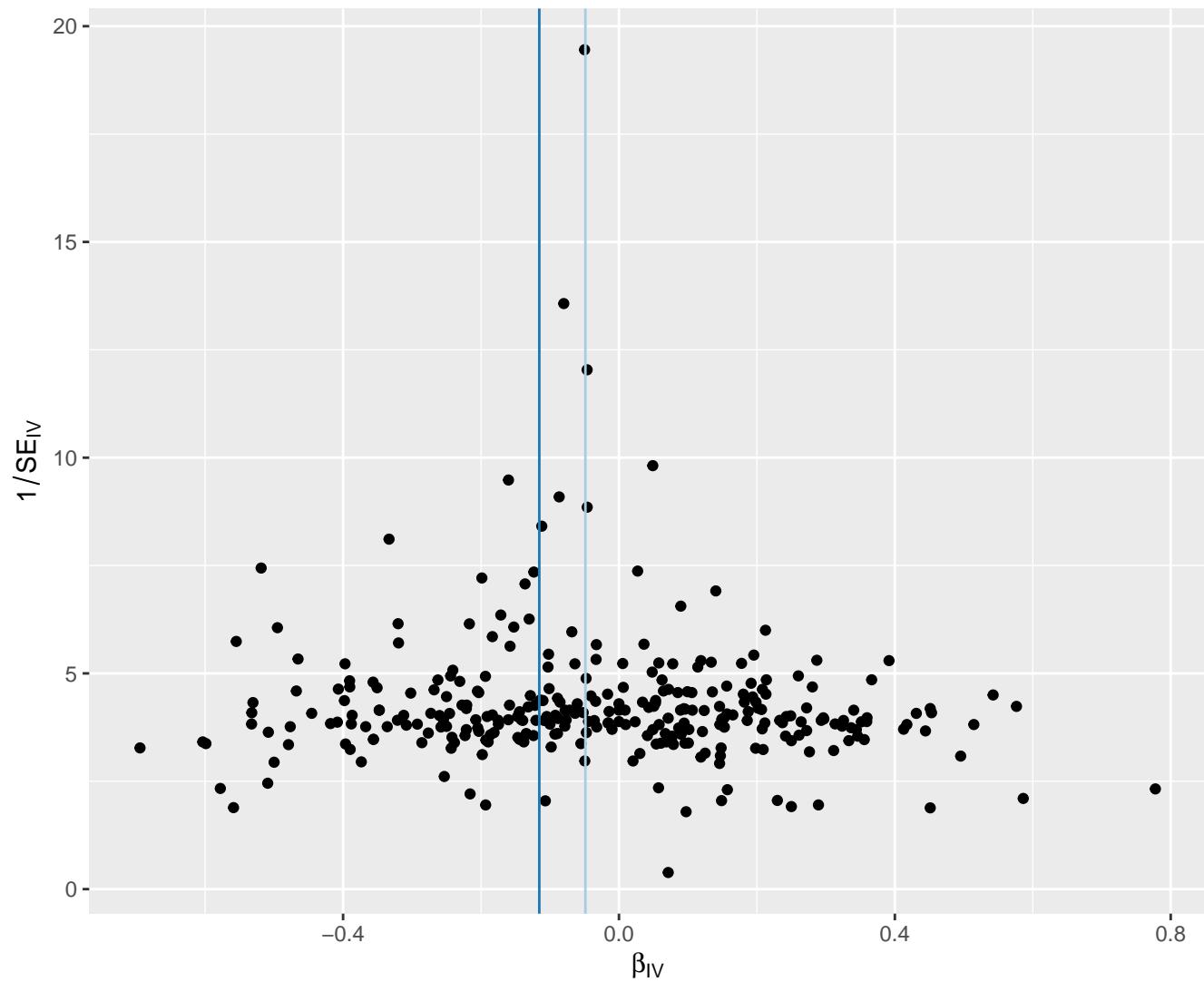
MR Egger



2-linoleoylglycerophosphocholine*

MR Method

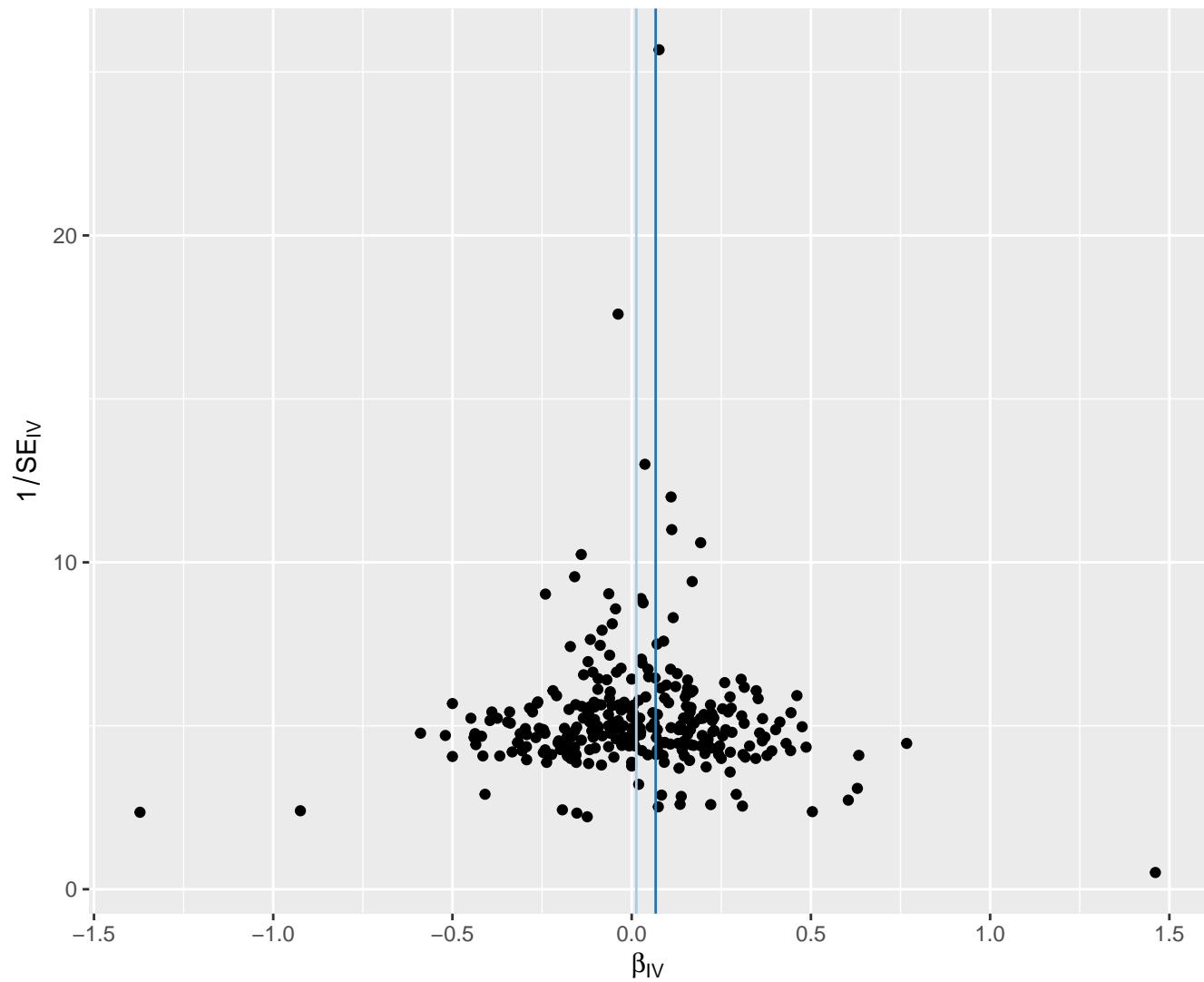
- Inverse variance weighted
- MR Egger



2-methylbutyroylcarnitine

MR Method

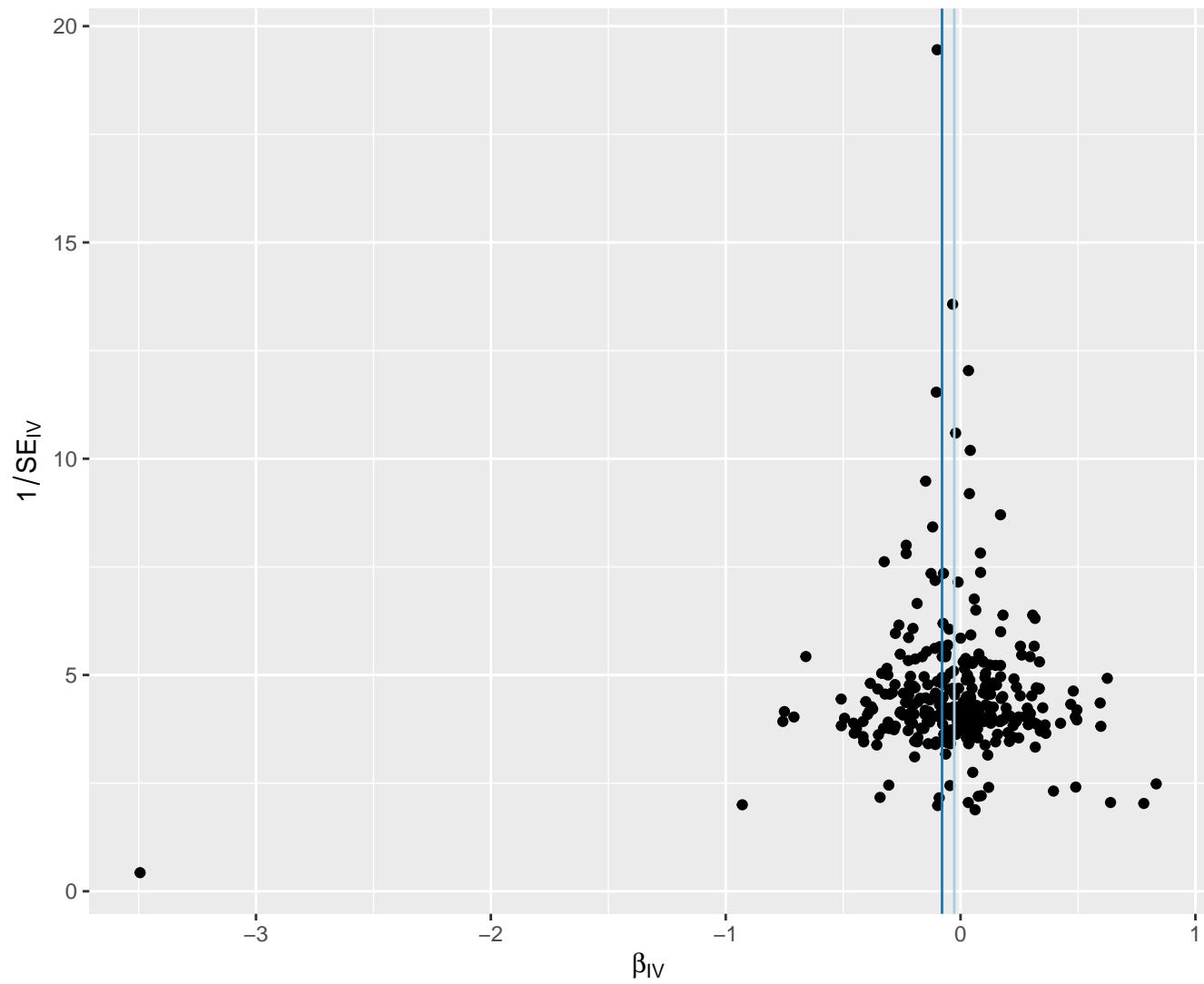
- Inverse variance weighted
- MR Egger



2-oleoylglycerophosphocholine*

MR Method

- Inverse variance weighted
- MR Egger

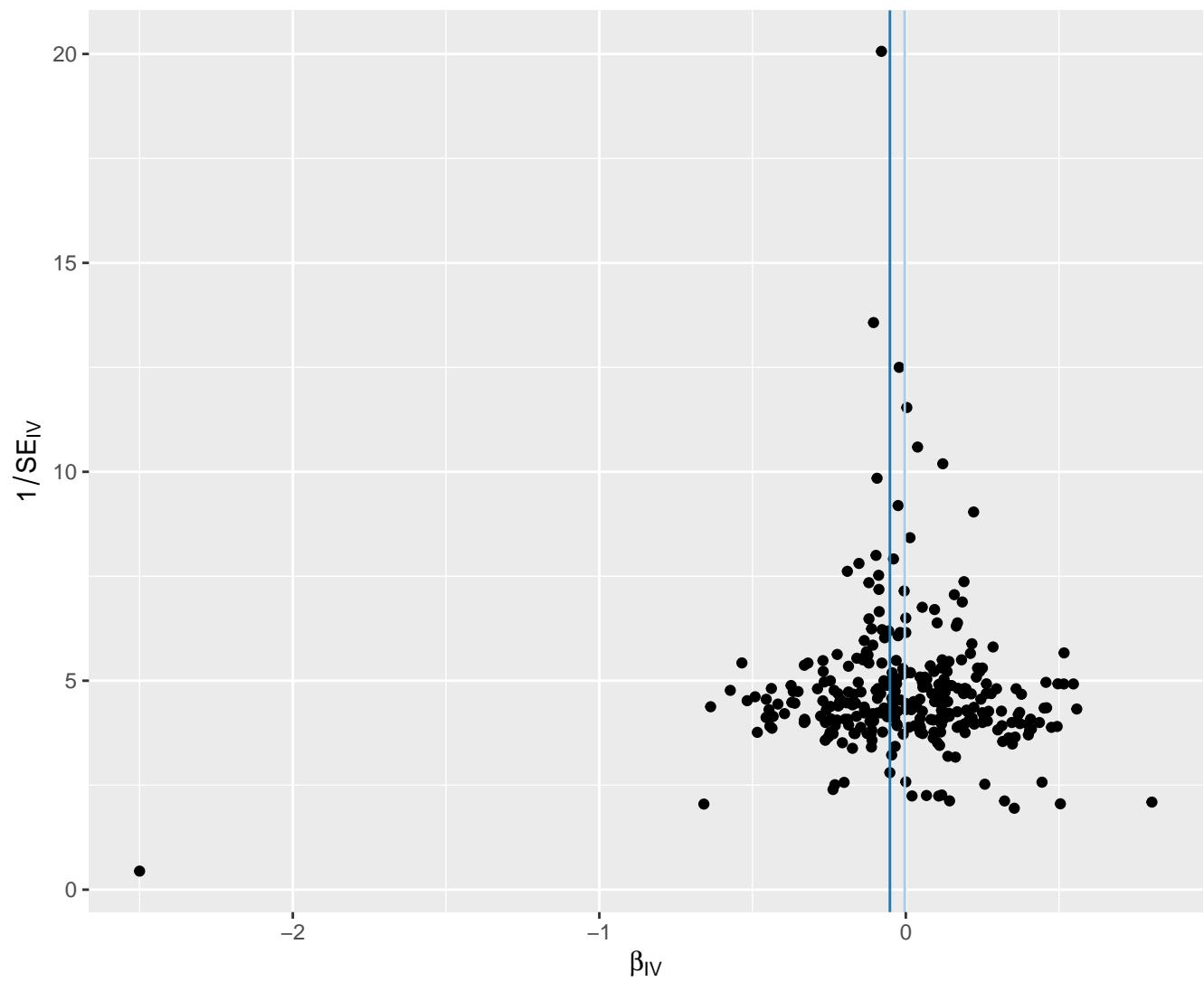


2-palmitoylglycerophosphocholine*

MR Method

Inverse variance weighted

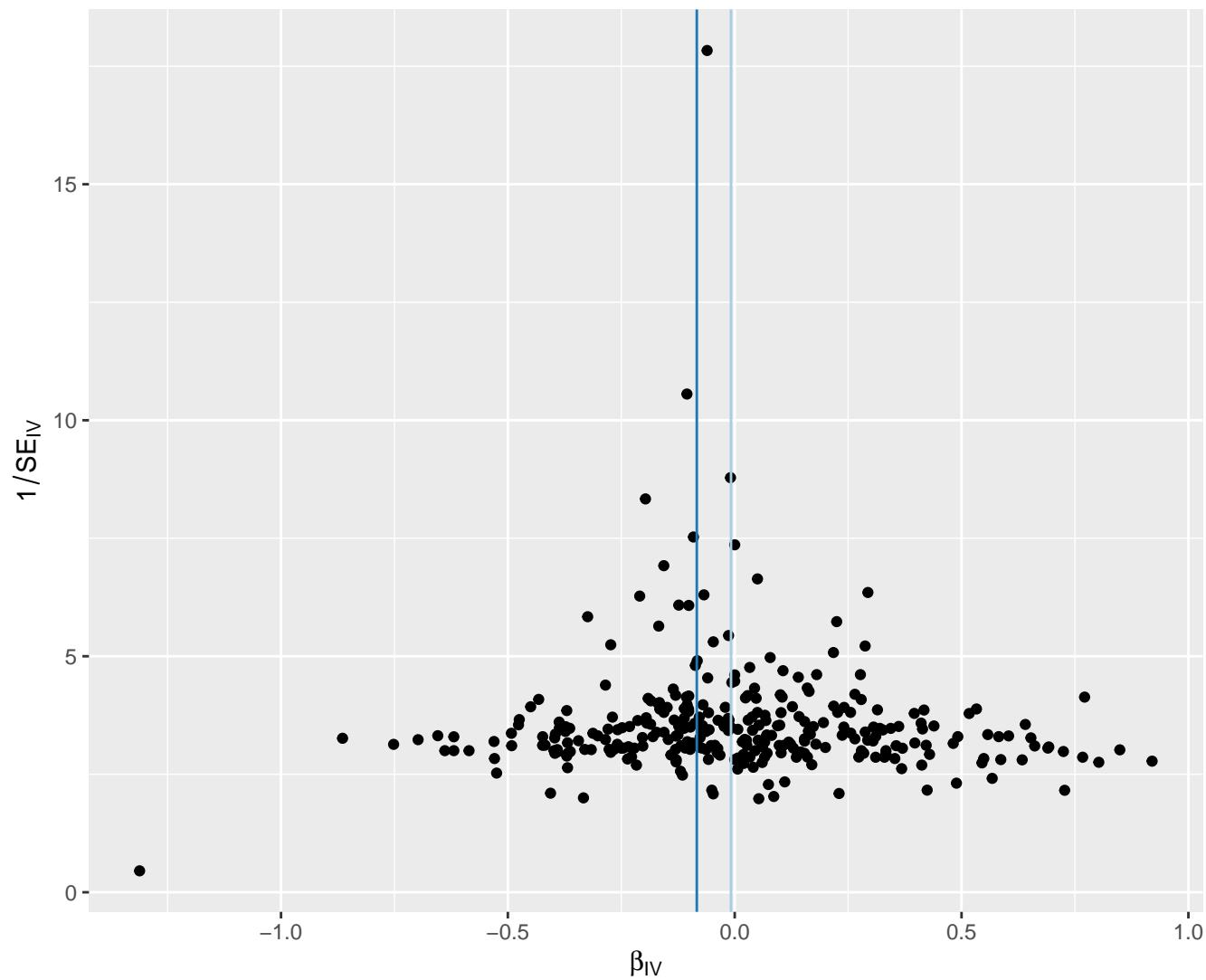
MR Egger



2-stearoylglycerophosphocholine*

MR Method

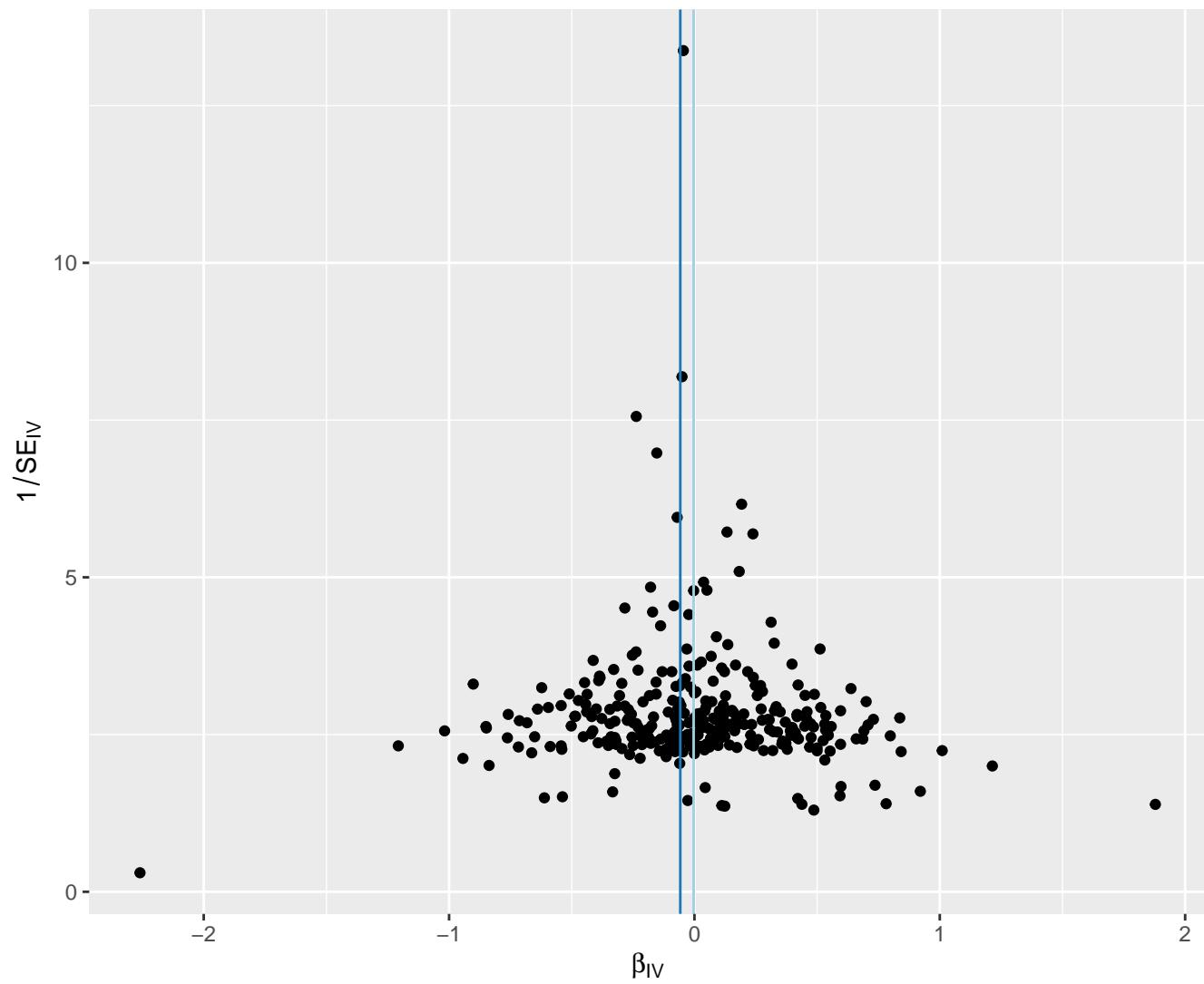
- Inverse variance weighted
- MR Egger



2-tetradecenoyl carnitine

MR Method

- Inverse variance weighted
- MR Egger

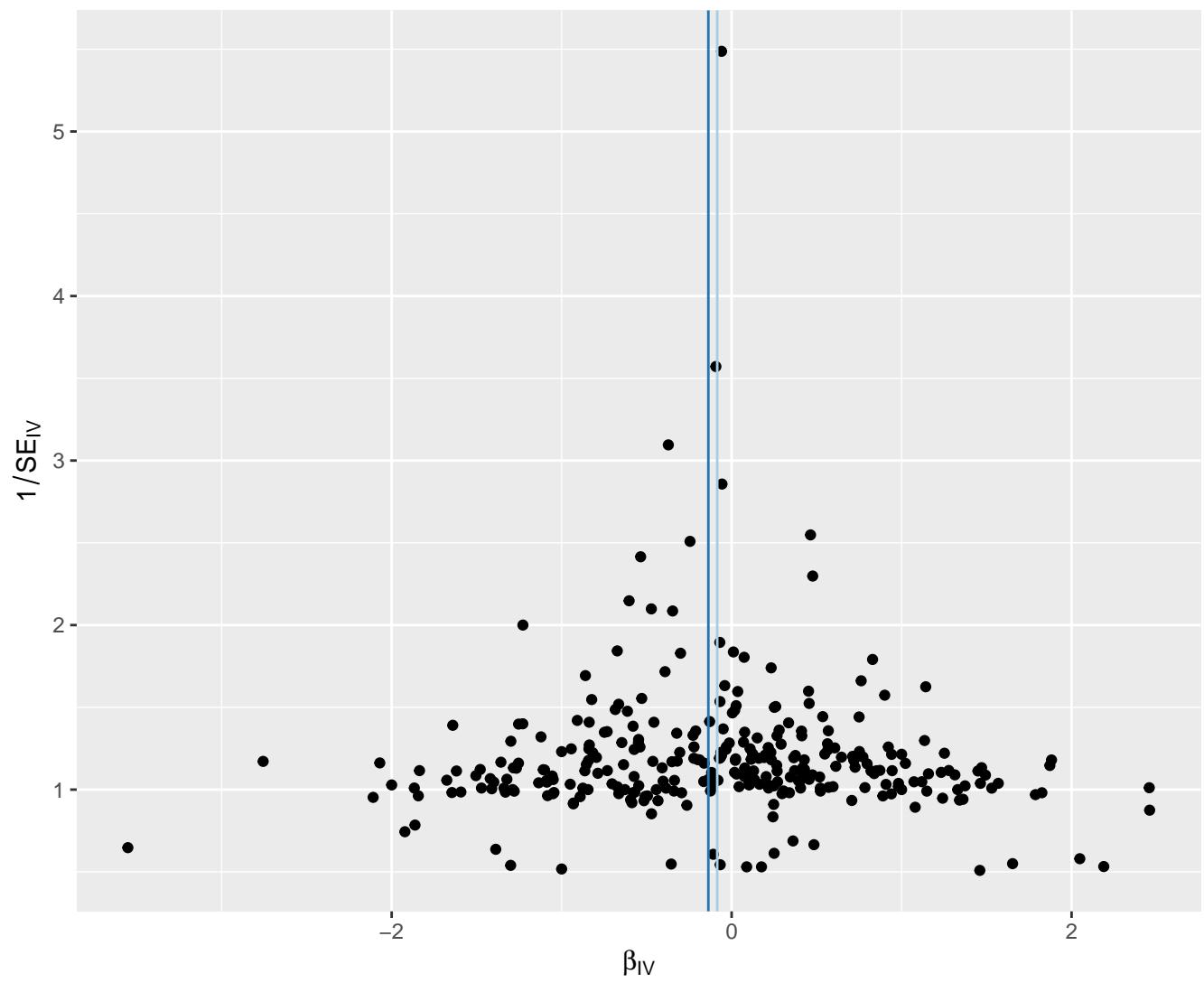


3-(3-hydroxyphenyl)propionate

MR Method

Inverse variance weighted

MR Egger

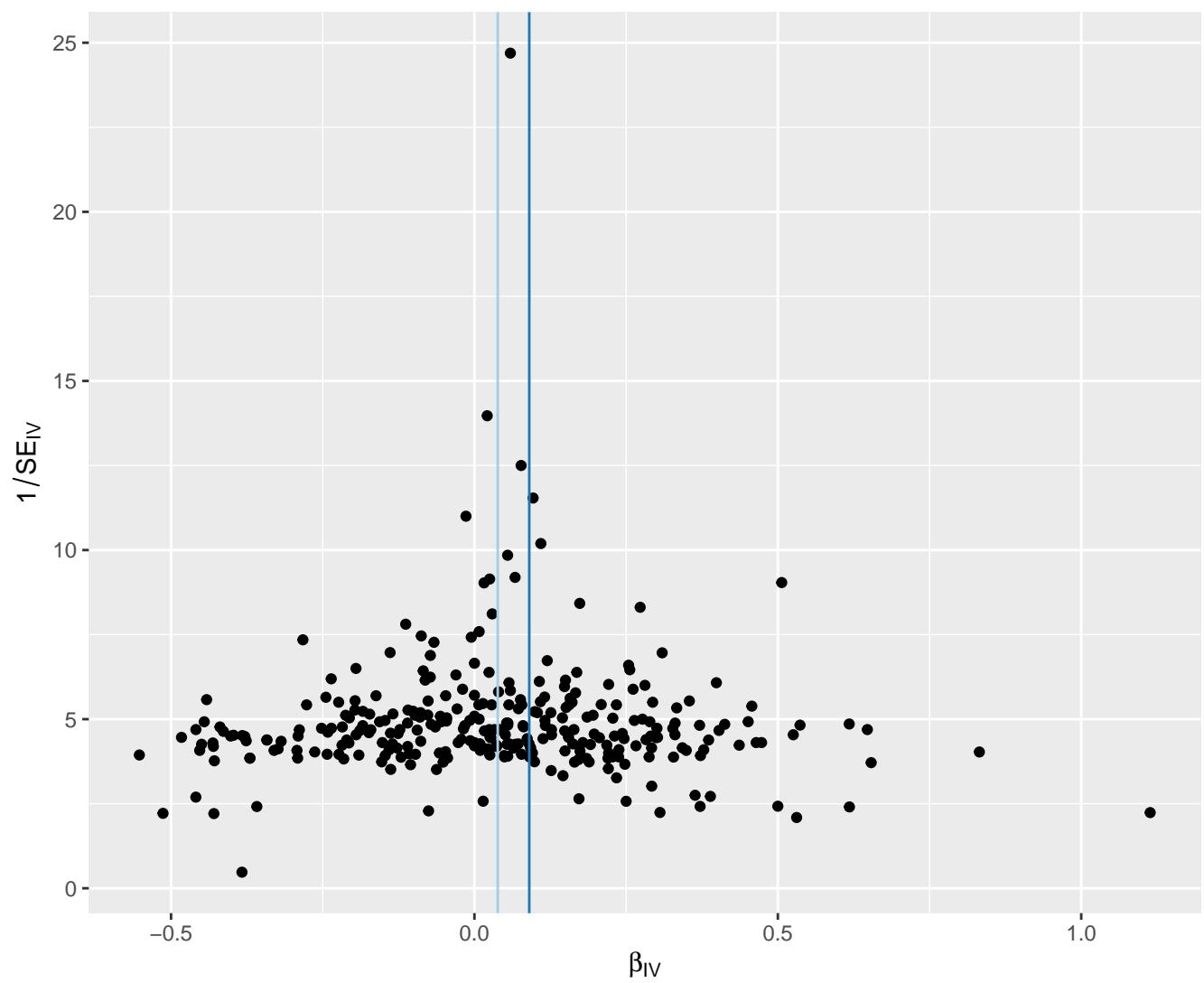


3-(4-hydroxyphenyl)lactate

MR Method

Inverse variance weighted

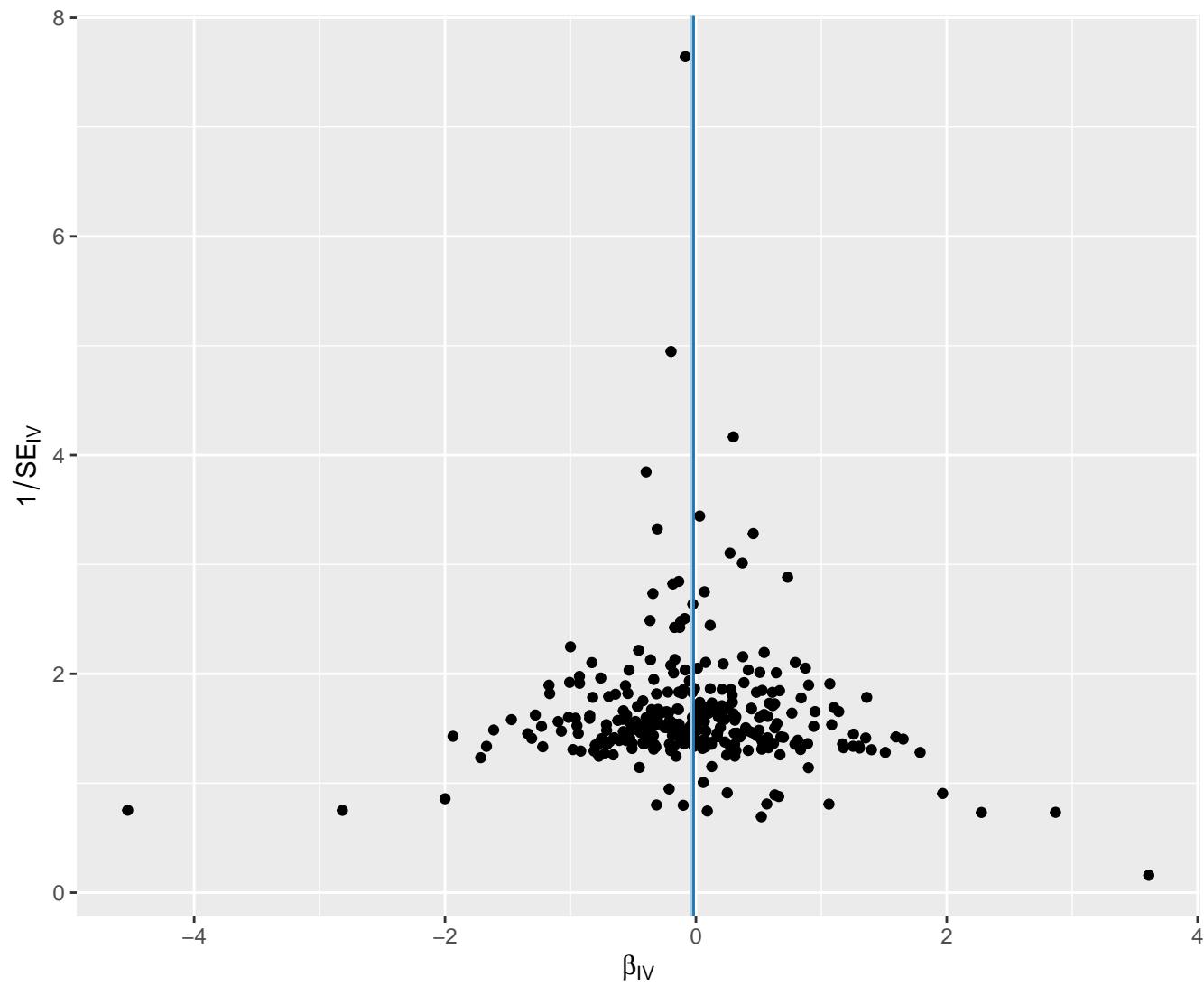
MR Egger



3-carboxy-4-methyl-5-propyl-2-furanpropanoate (CMPF)

MR Method

- Inverse variance weighted
- MR Egger

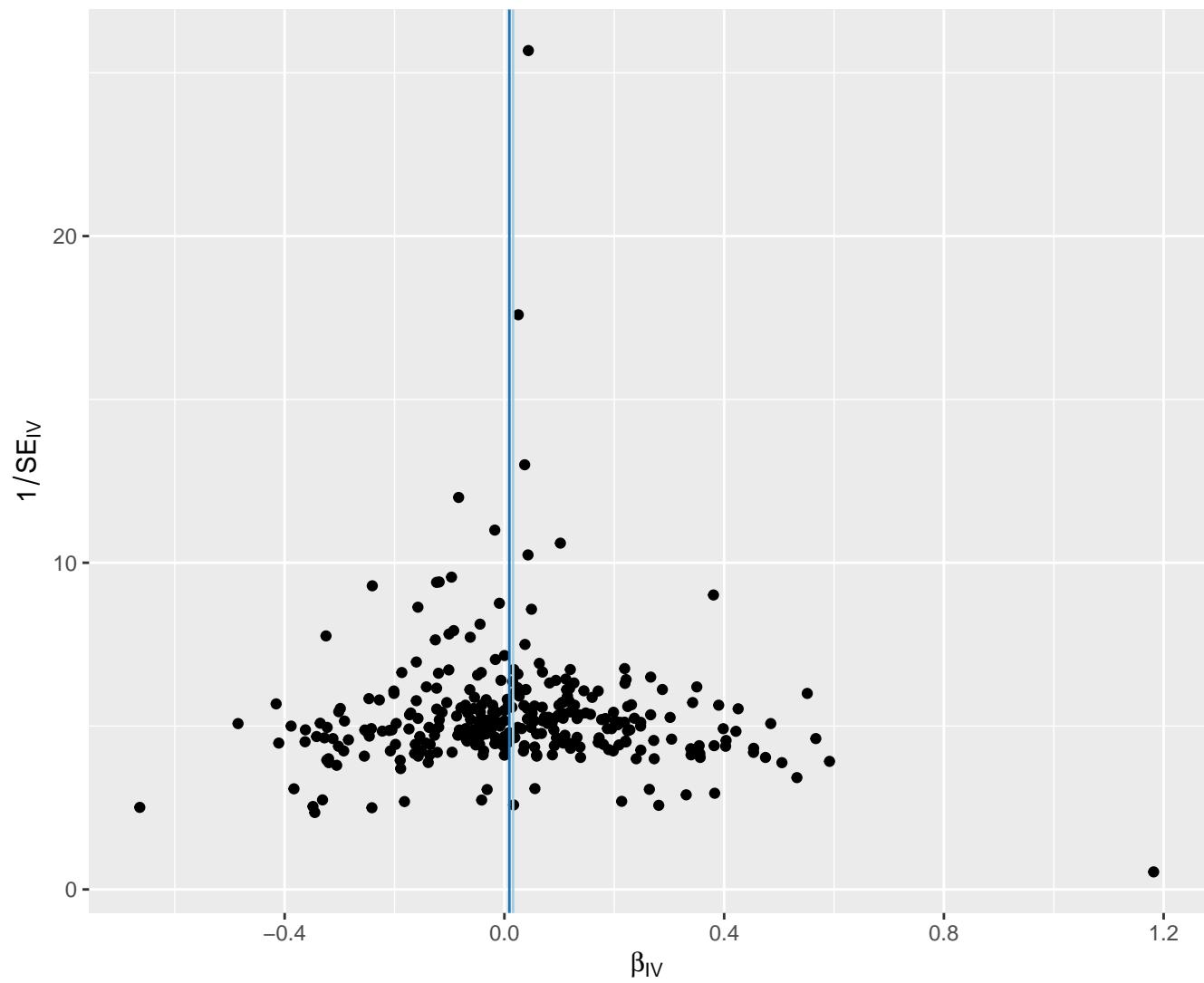


3-dehydrocarnitine*

MR Method

Inverse variance weighted

MR Egger

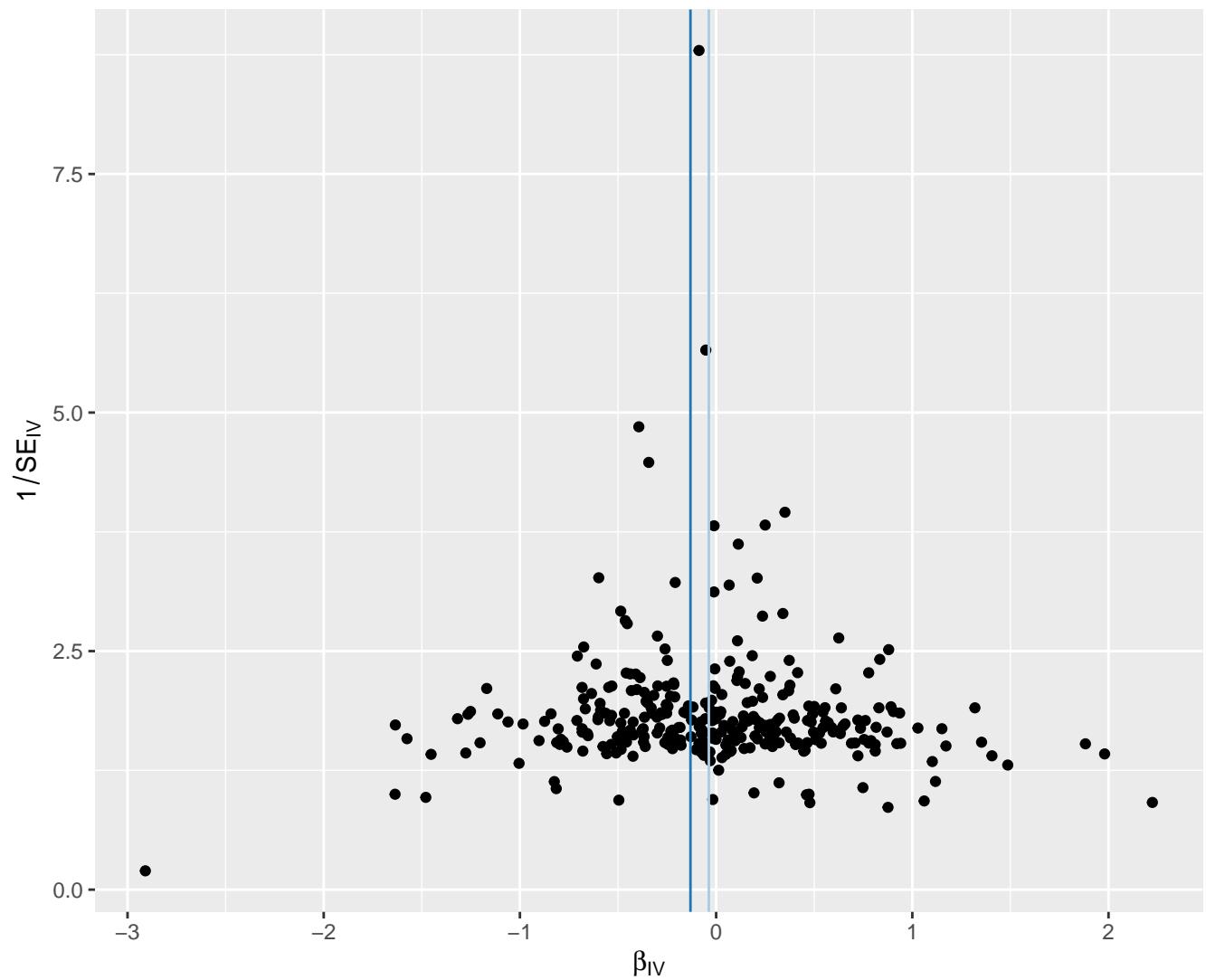


3-hydroxybutyrate (BHBA)

MR Method

Inverse variance weighted

MR Egger

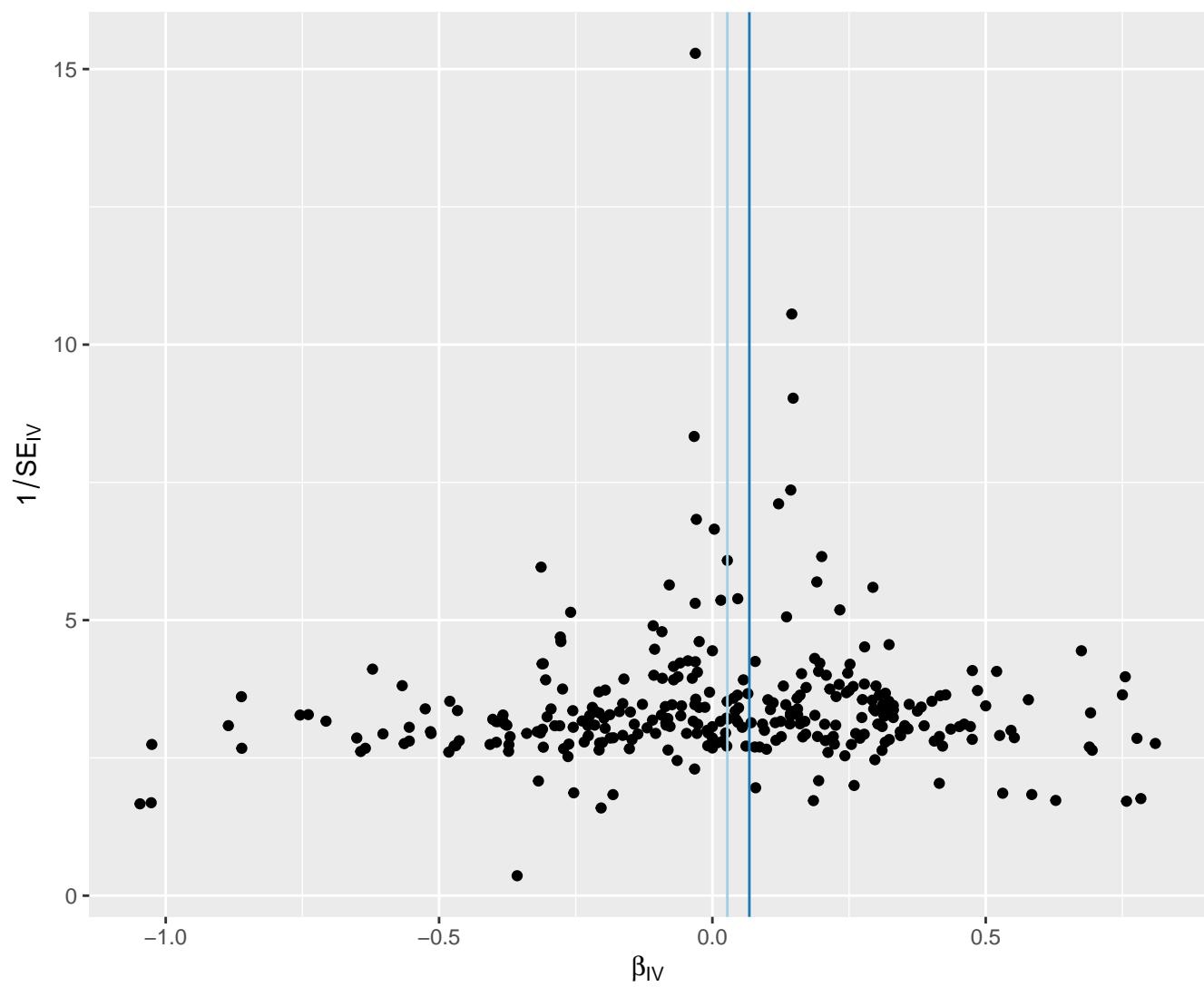


3-indoxyl sulfate

MR Method

Inverse variance weighted

MR Egger

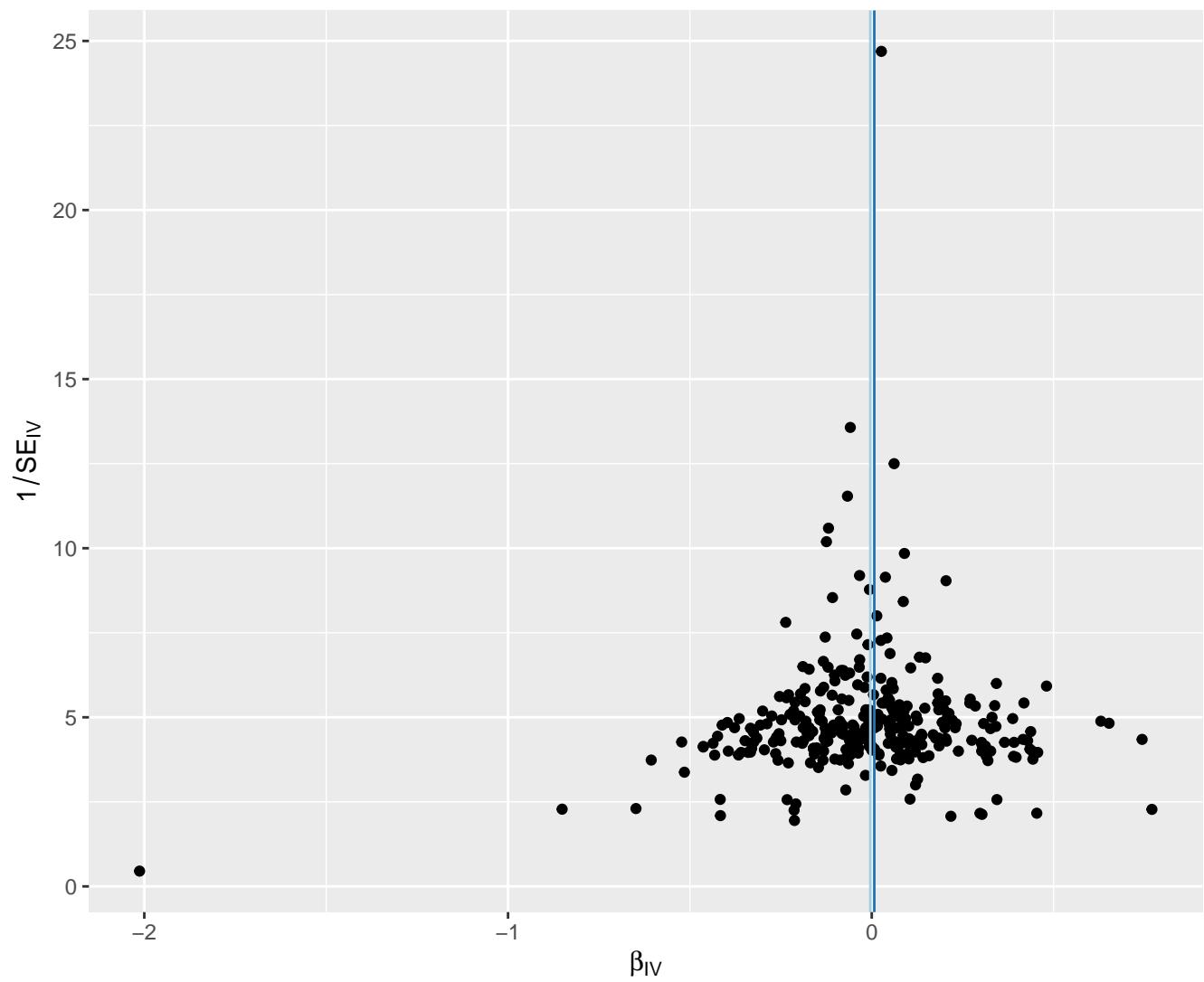


3-methoxytyrosine

MR Method

Inverse variance weighted

MR Egger

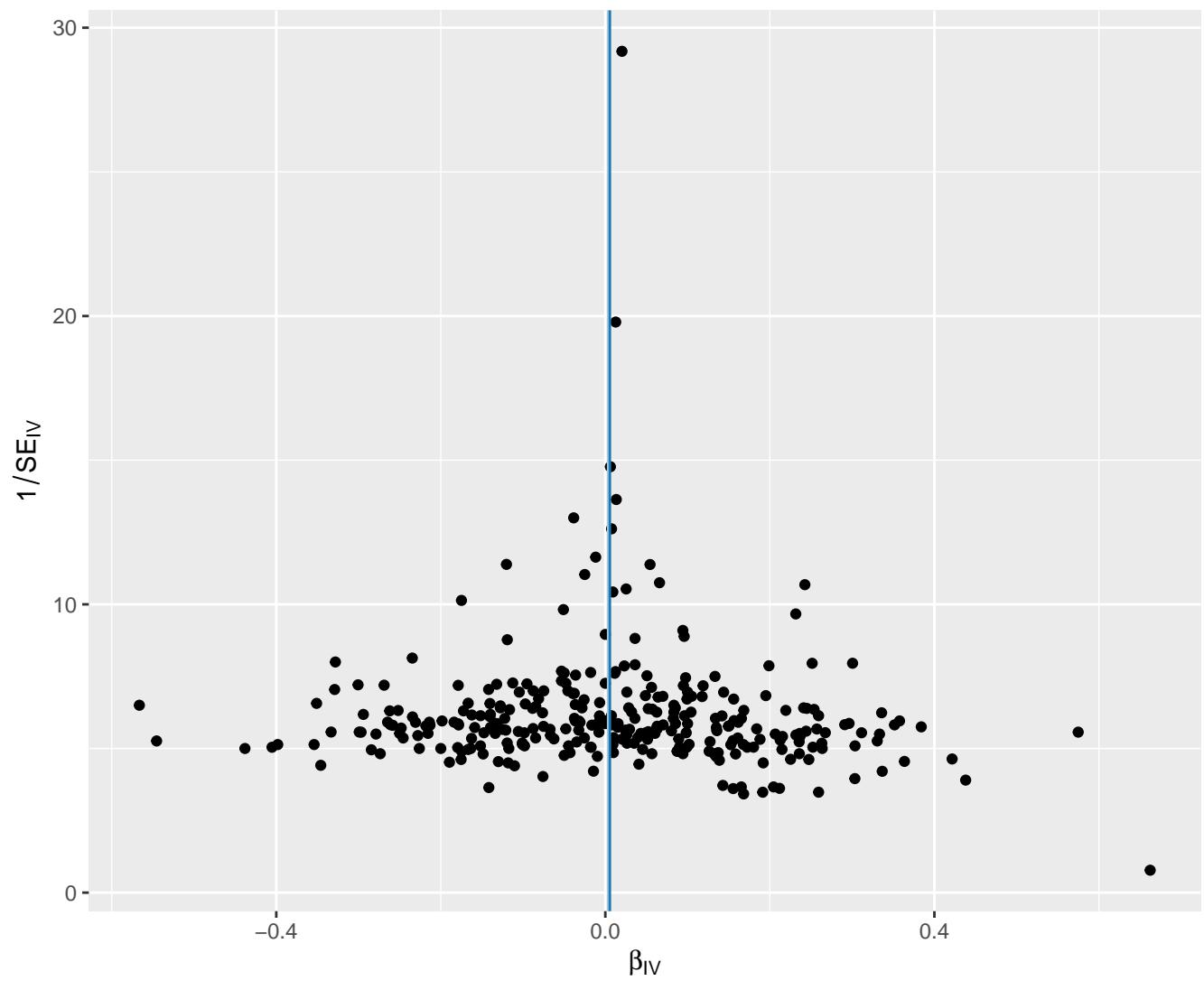


3-methyl-2-oxobutyrate

MR Method

Inverse variance weighted

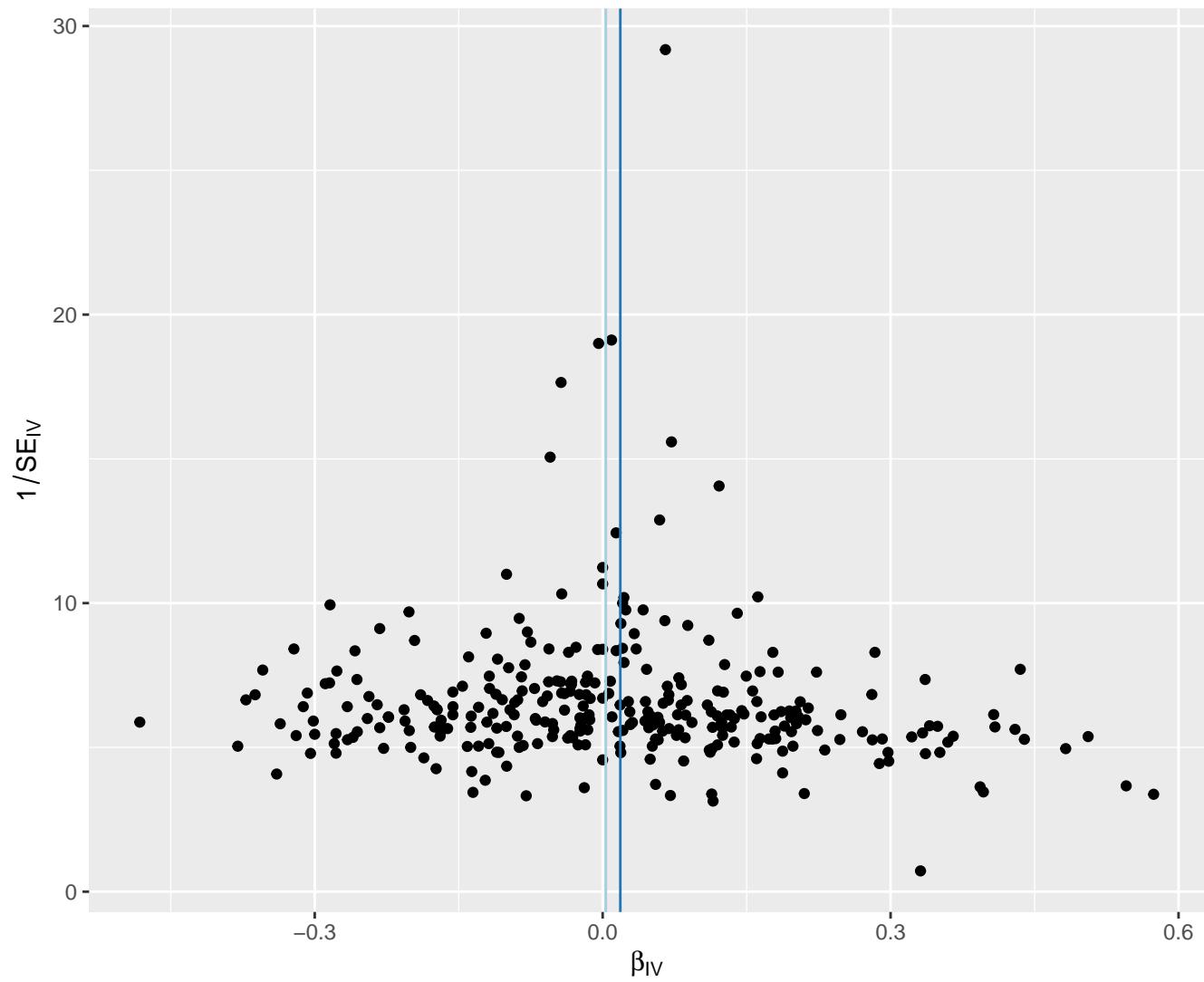
MR Egger



3-methyl-2-oxovalerate

MR Method

- Inverse variance weighted
- MR Egger

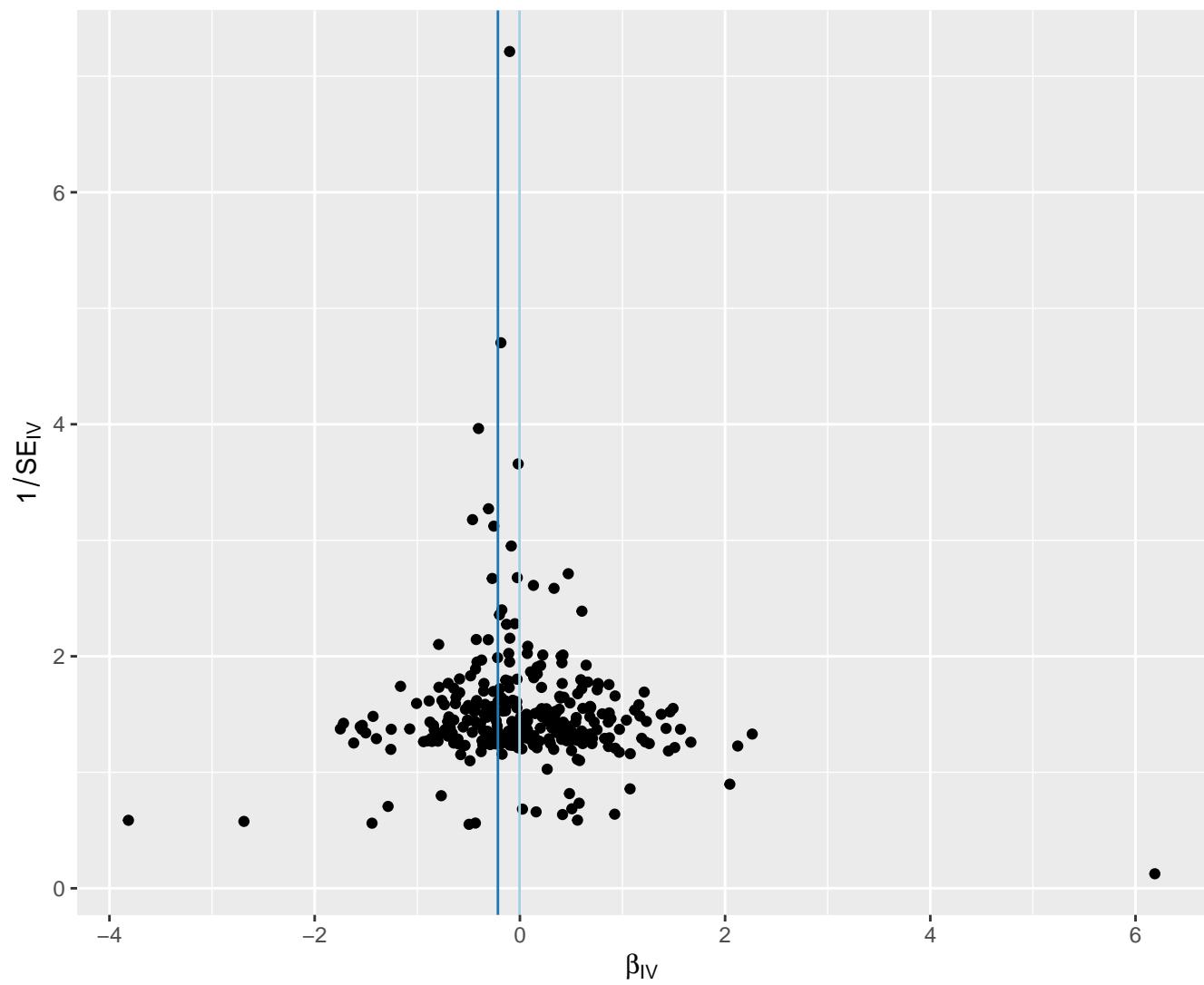


3-methylhistidine

MR Method

Inverse variance weighted

MR Egger

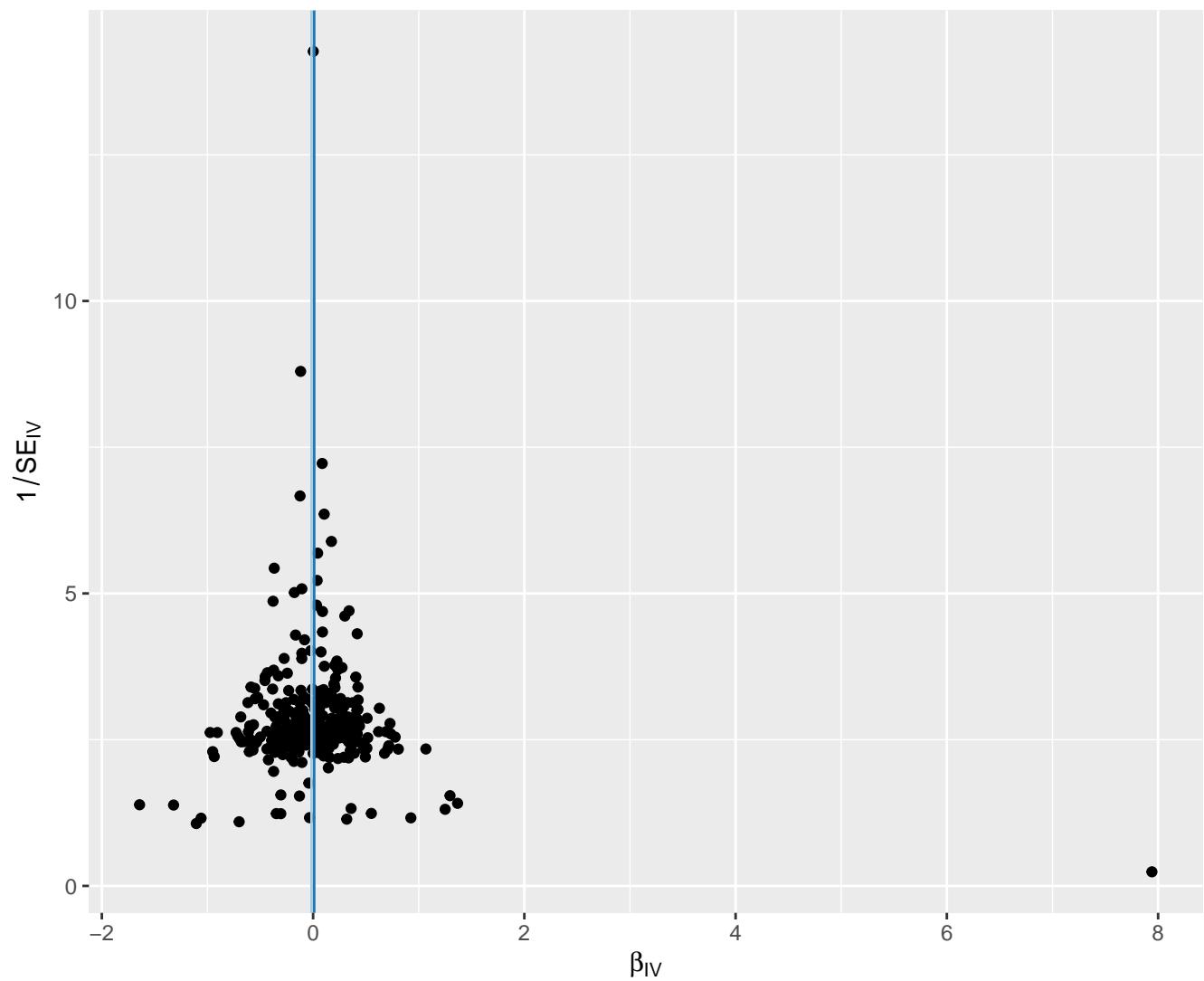


3-phenylpropionate (hydrocinnamate)

MR Method

Inverse variance weighted

MR Egger

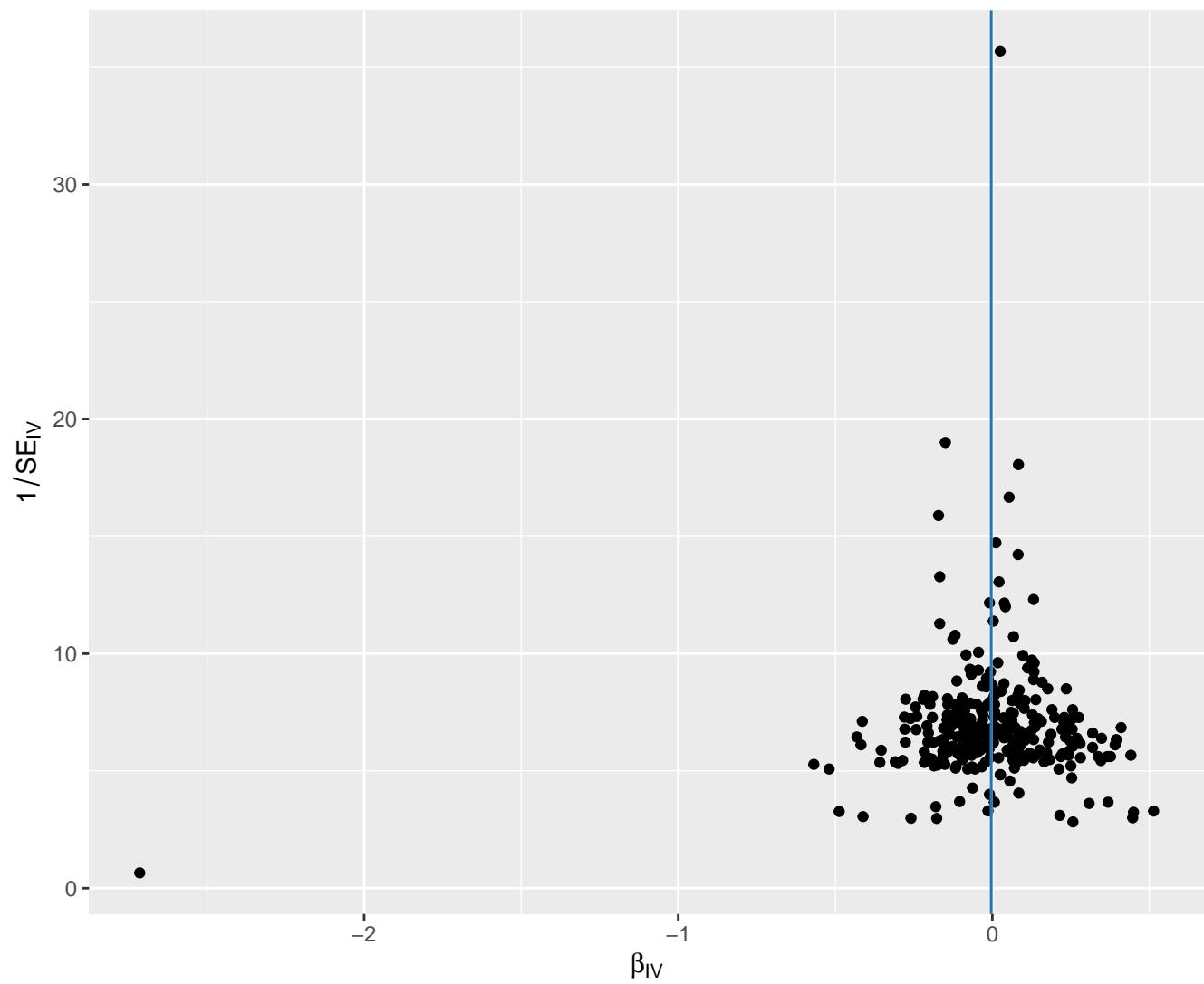


4-acetamidobutanoate

MR Method

Inverse variance weighted

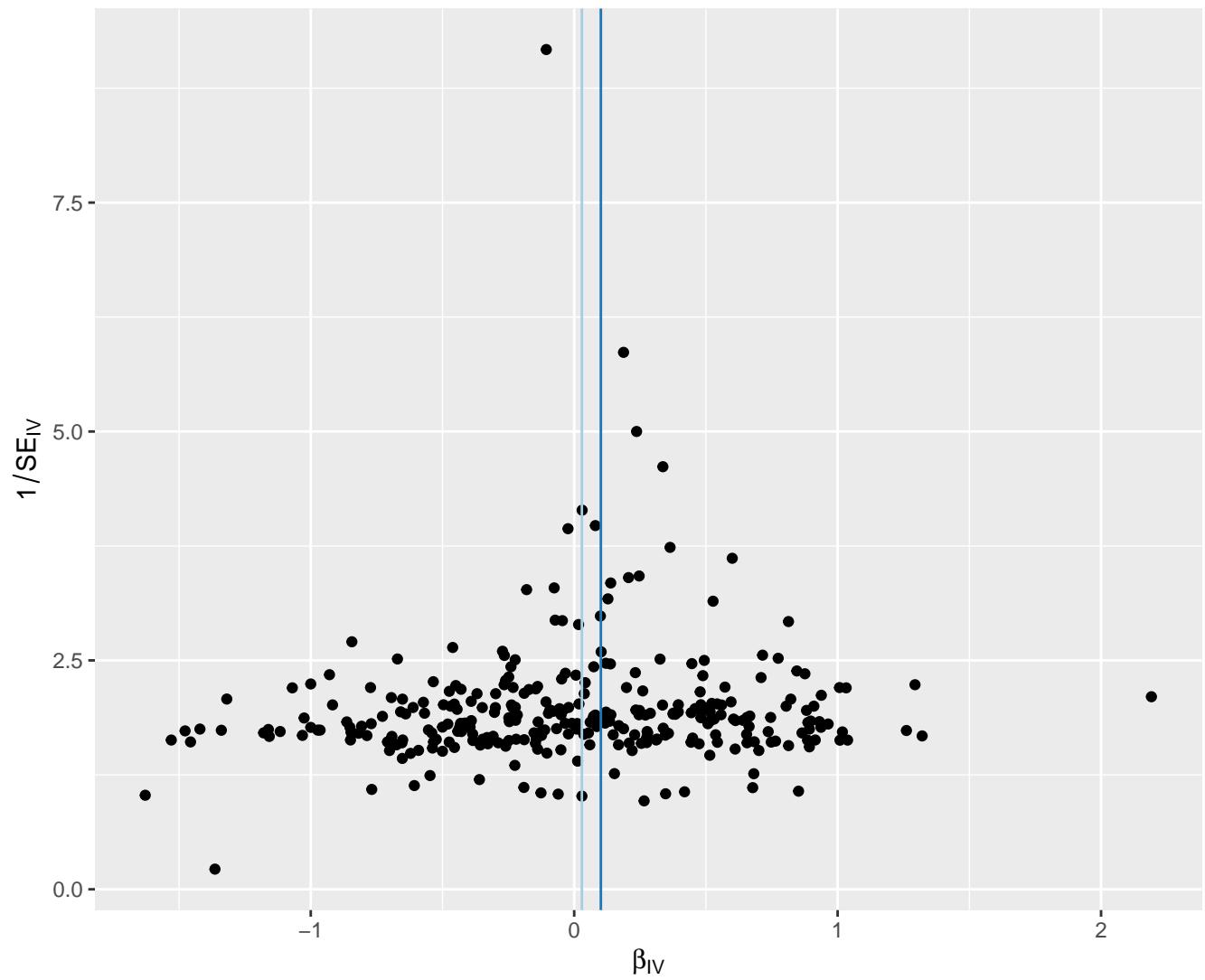
MR Egger



4-androsten-3beta,17beta-diol disulfate 1*

MR Method

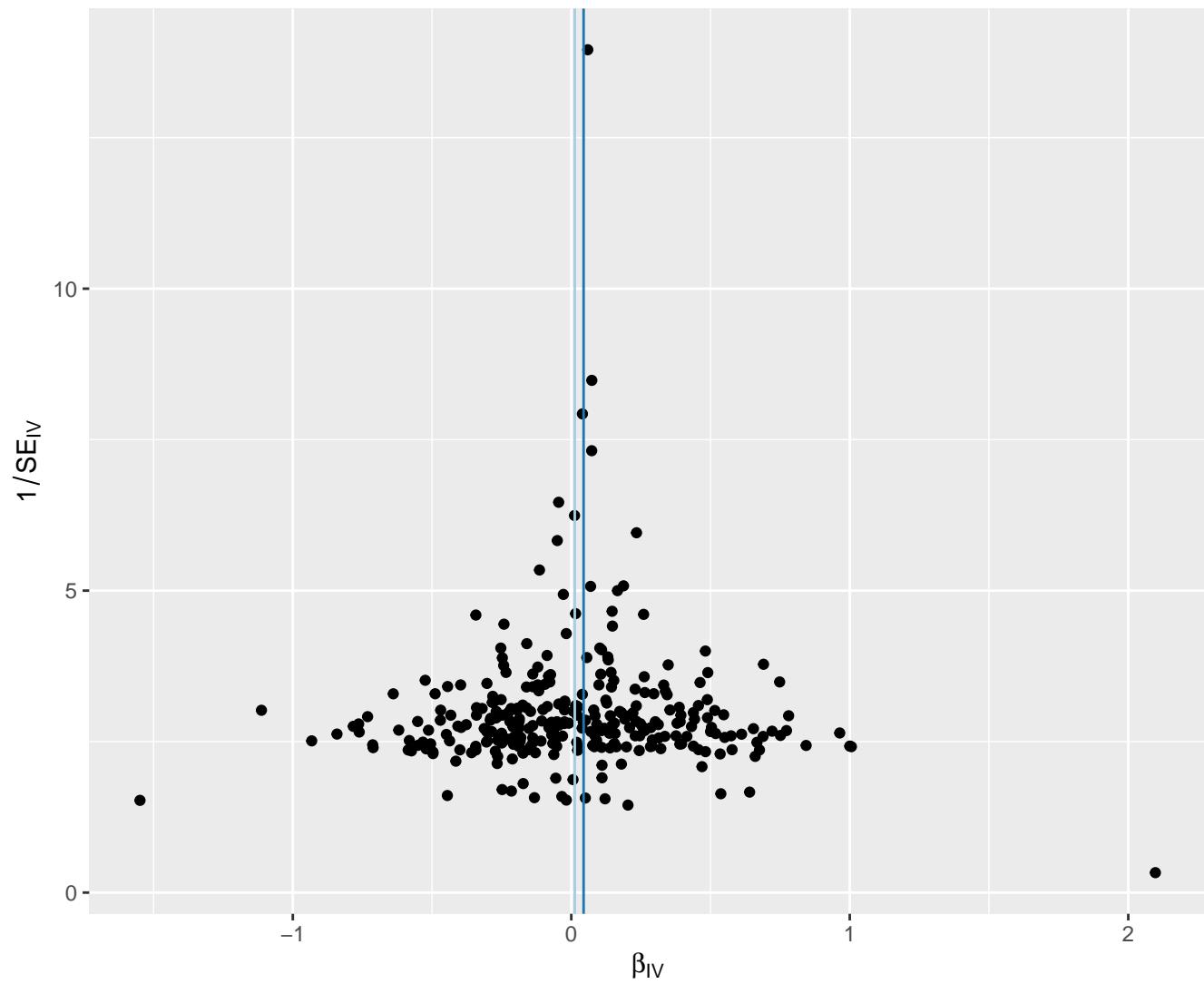
- Inverse variance weighted
- MR Egger



4-androsten-3beta,17beta-diol disulfate 2*

MR Method

- Inverse variance weighted
- MR Egger

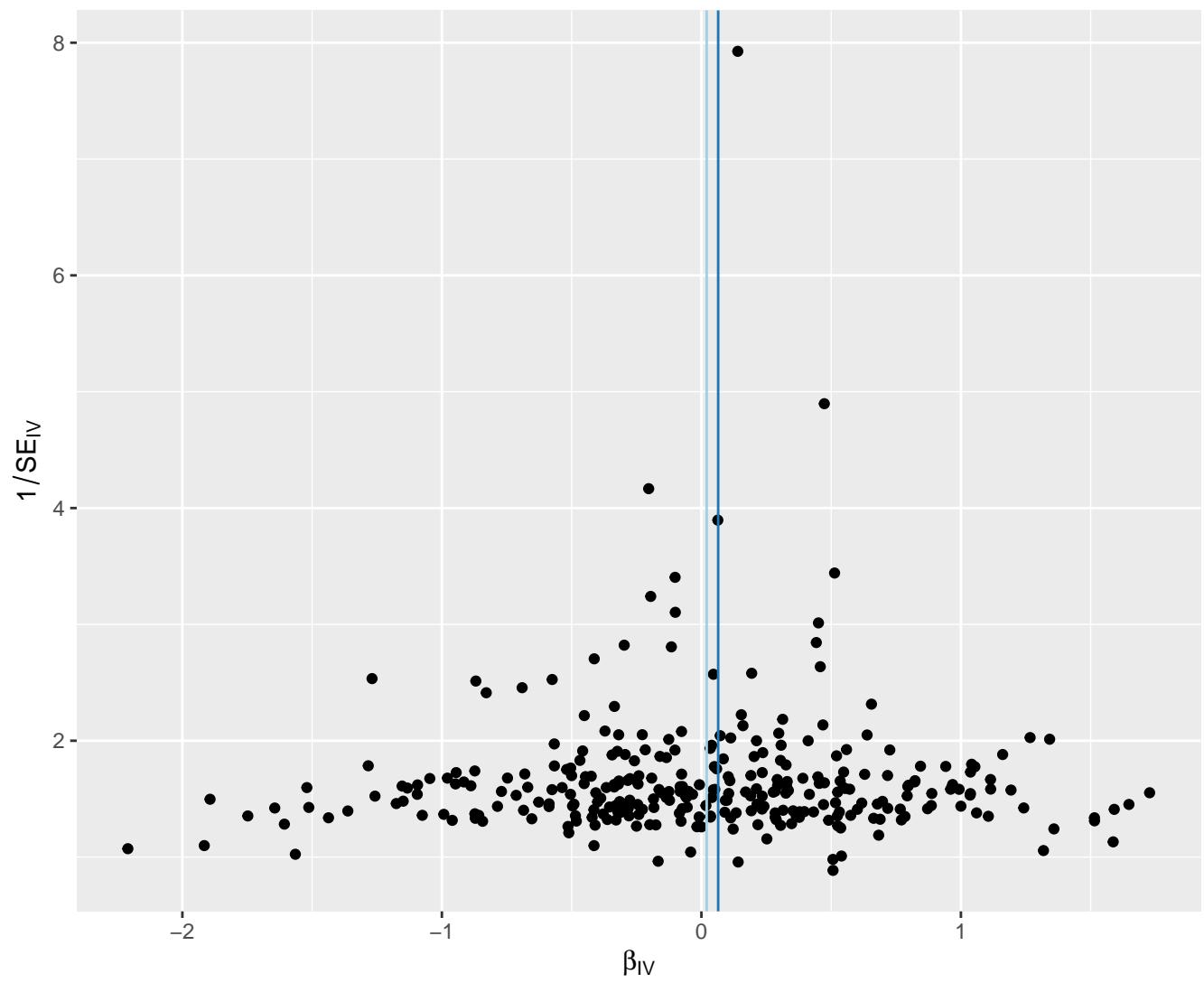


4-hydroxyhippurate

MR Method

Inverse variance weighted

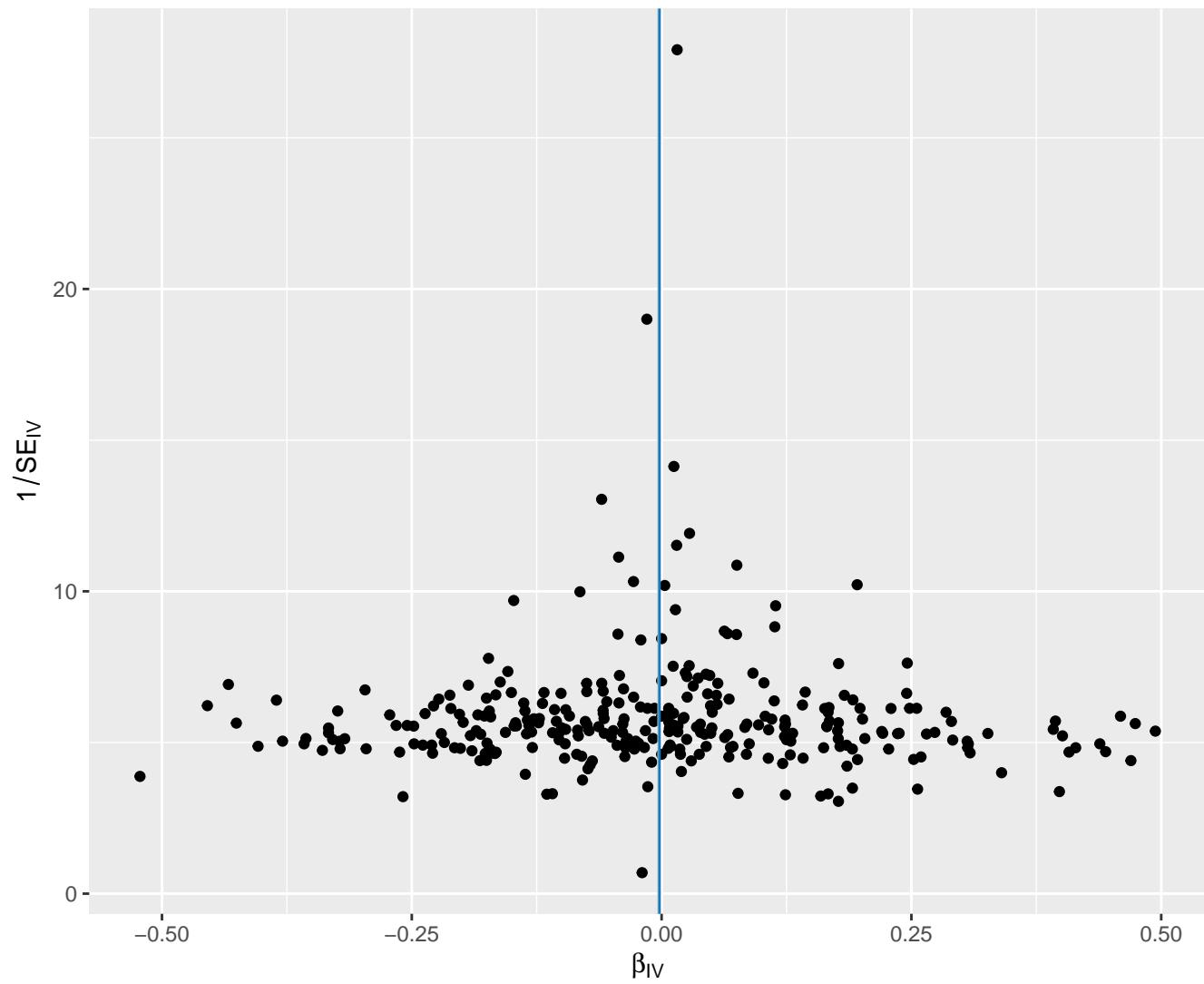
MR Egger



4-methyl-2-oxopentanoate

MR Method

- Inverse variance weighted
- MR Egger

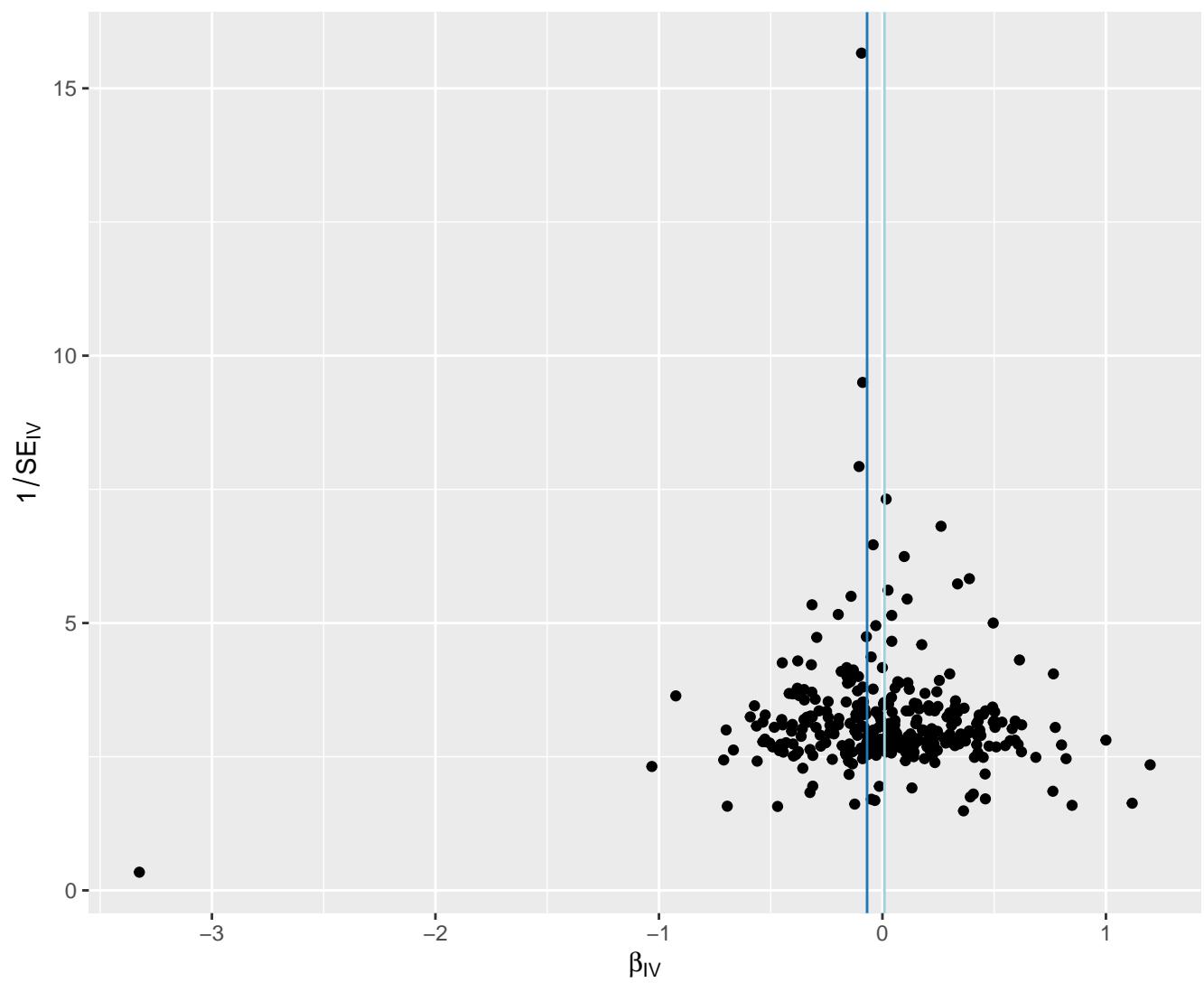


5–dodecenoate (12:1n7)

MR Method

Inverse variance weighted

MR Egger

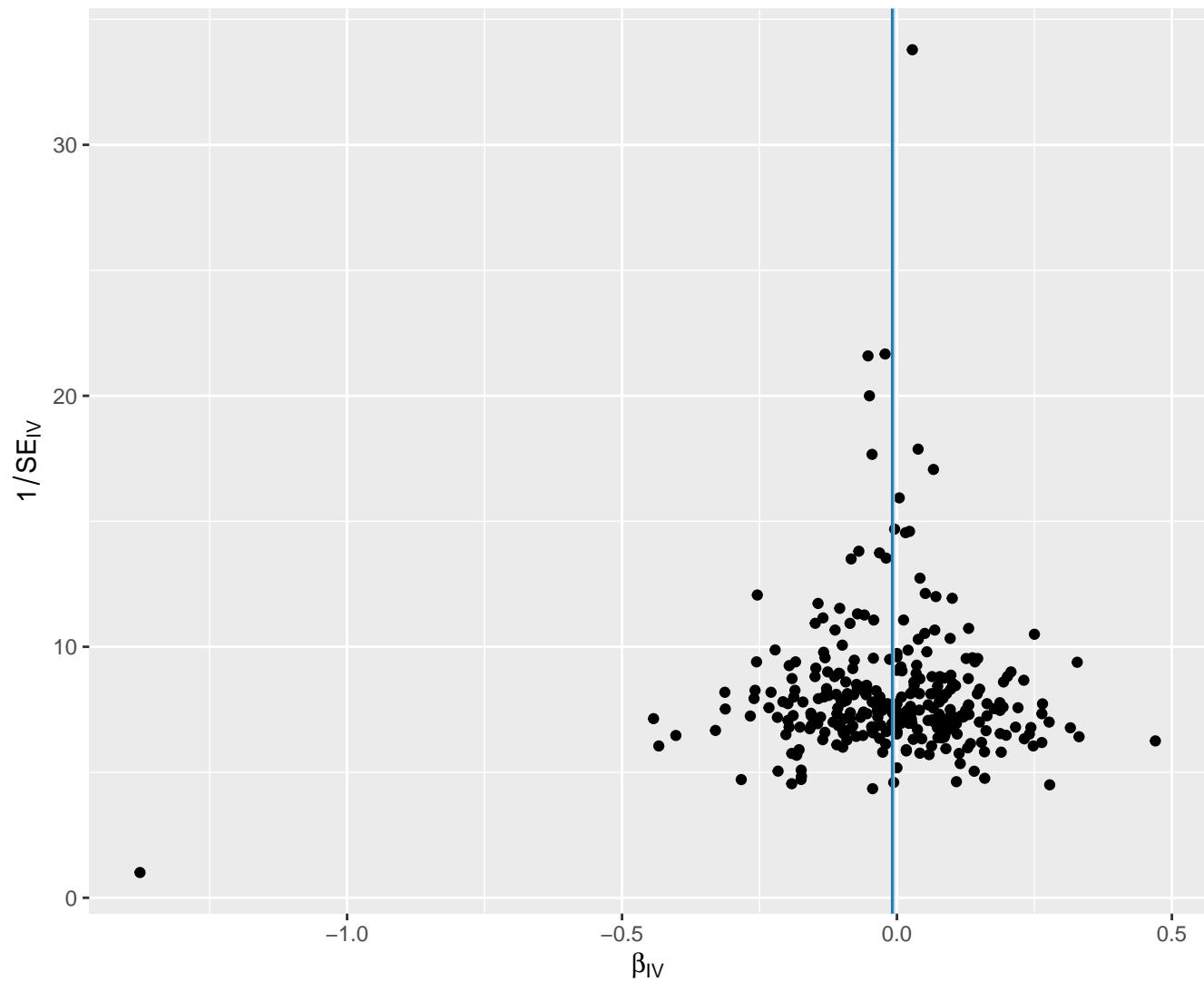


5-oxoproline

MR Method

Inverse variance weighted

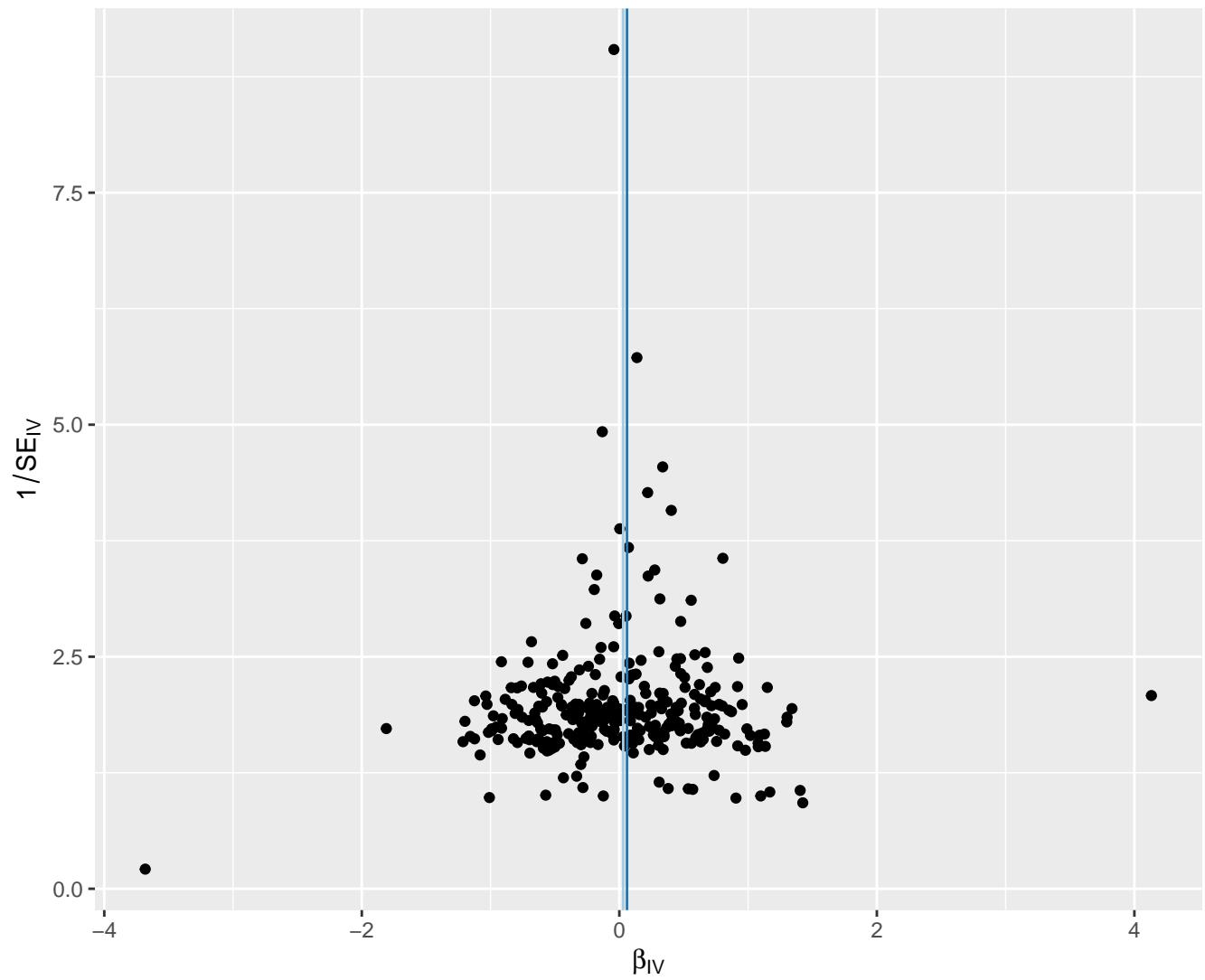
MR Egger



5alpha-androstan-3beta,17beta-diol disulfate

MR Method

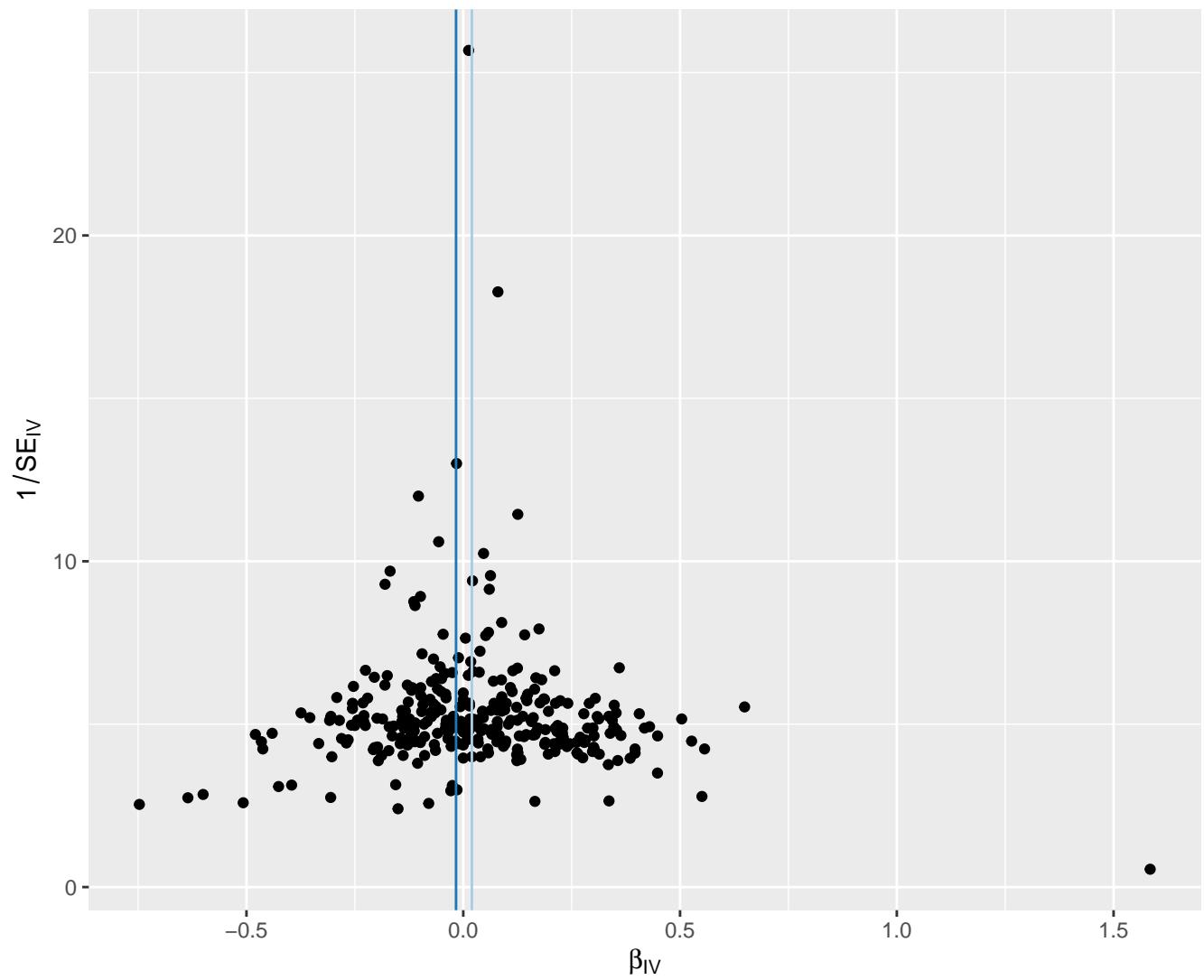
- Inverse variance weighted
- MR Egger



7-alpha-hydroxy-3-oxo-4-cholestenoate (7-Hoca)

MR Method

- Inverse variance weighted
- MR Egger

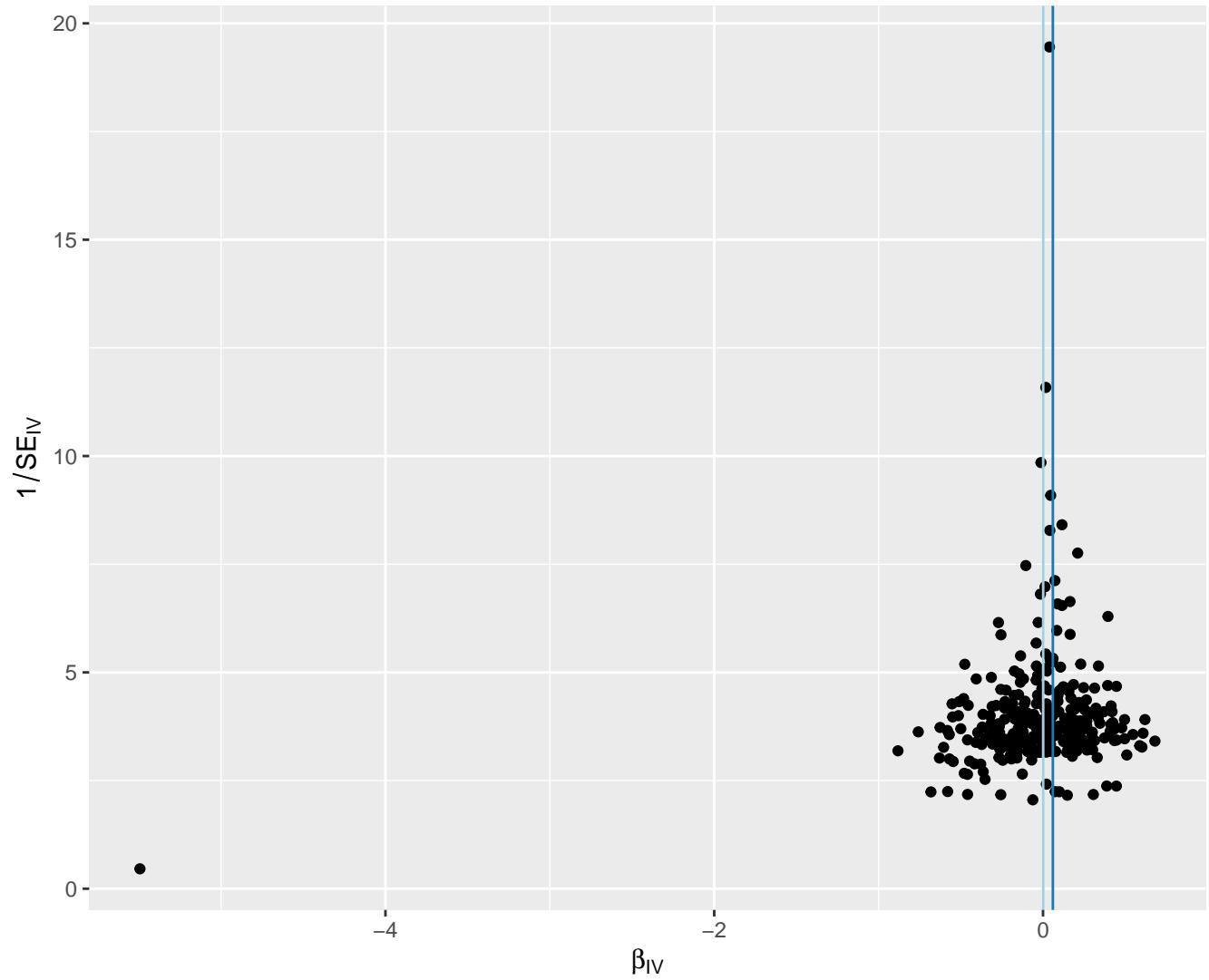


7-methylguanine

MR Method

Inverse variance weighted

MR Egger

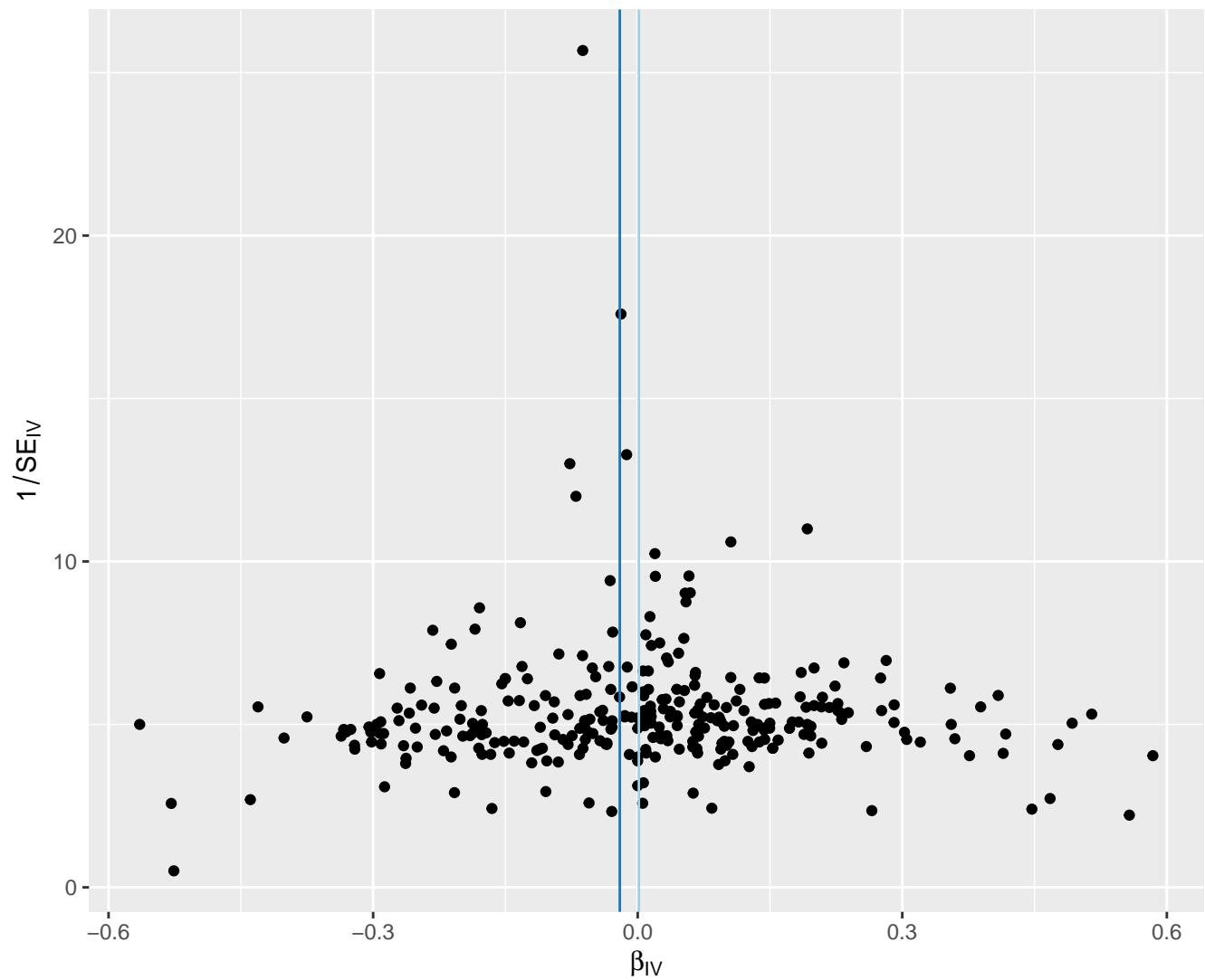


Acetylcarnitine

MR Method

Inverse variance weighted

MR Egger

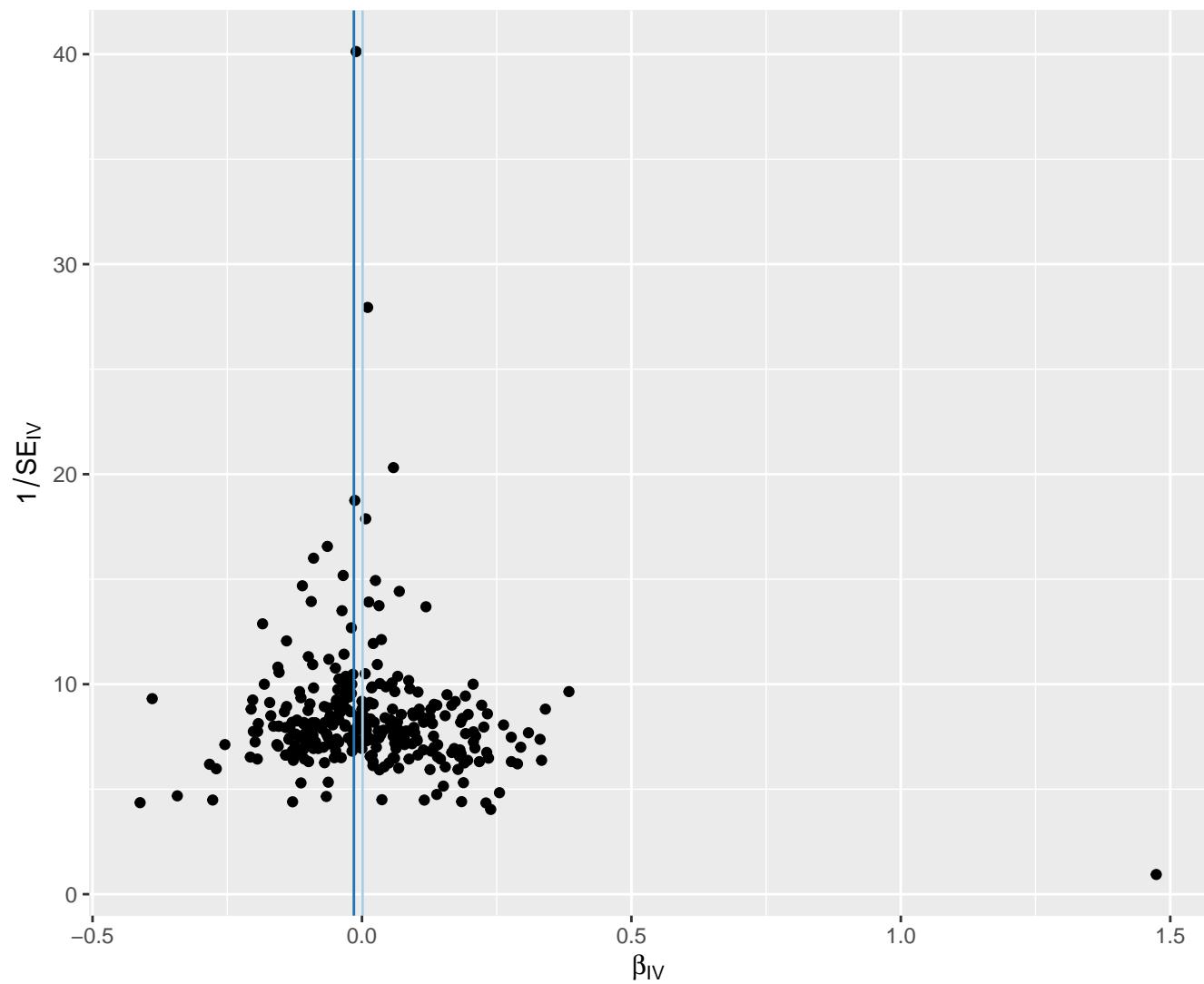


Acetylphosphate

MR Method

Inverse variance weighted

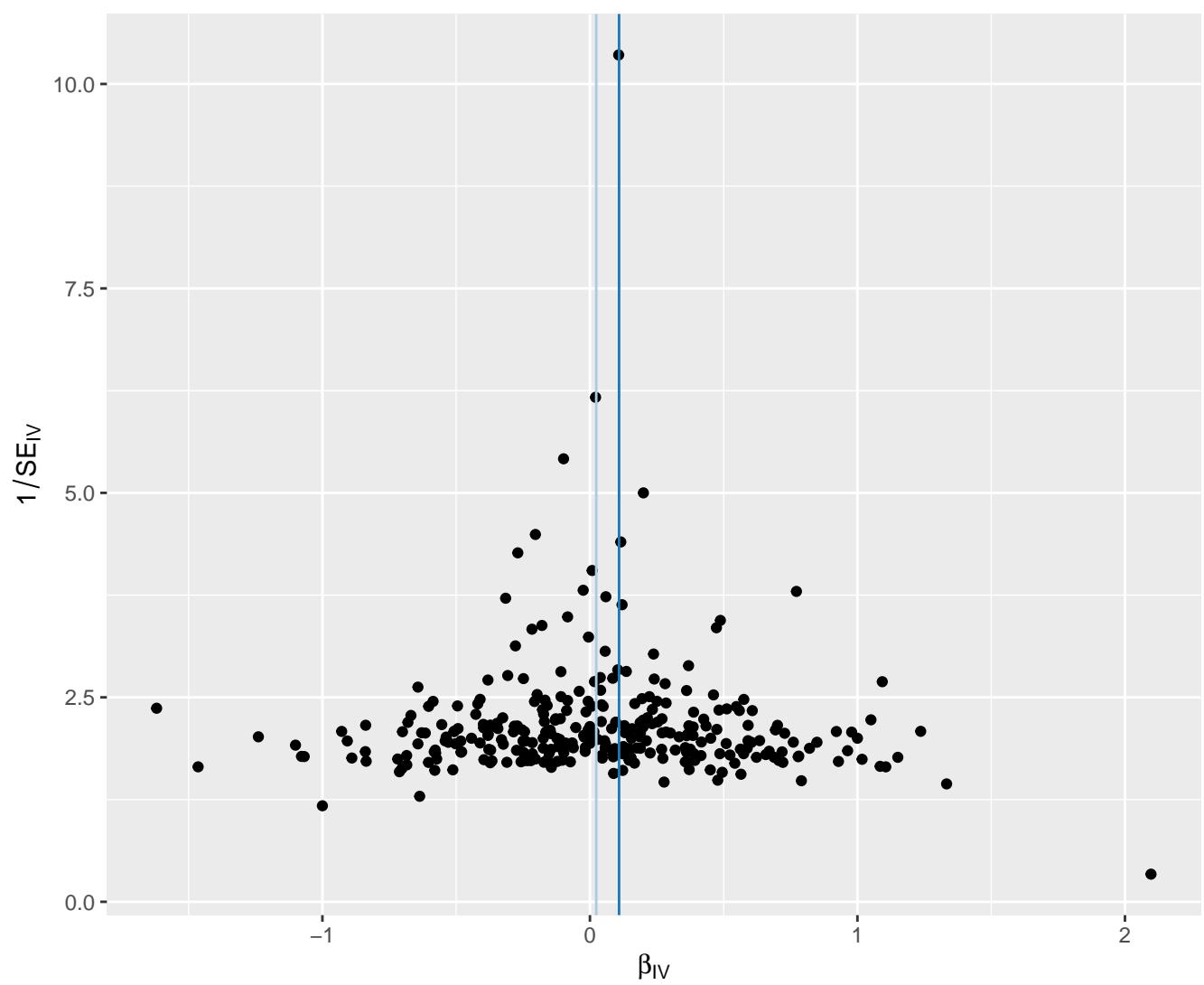
MR Egger



ADpSGEGDFXAEGGGVR*

MR Method

- Inverse variance weighted
- MR Egger

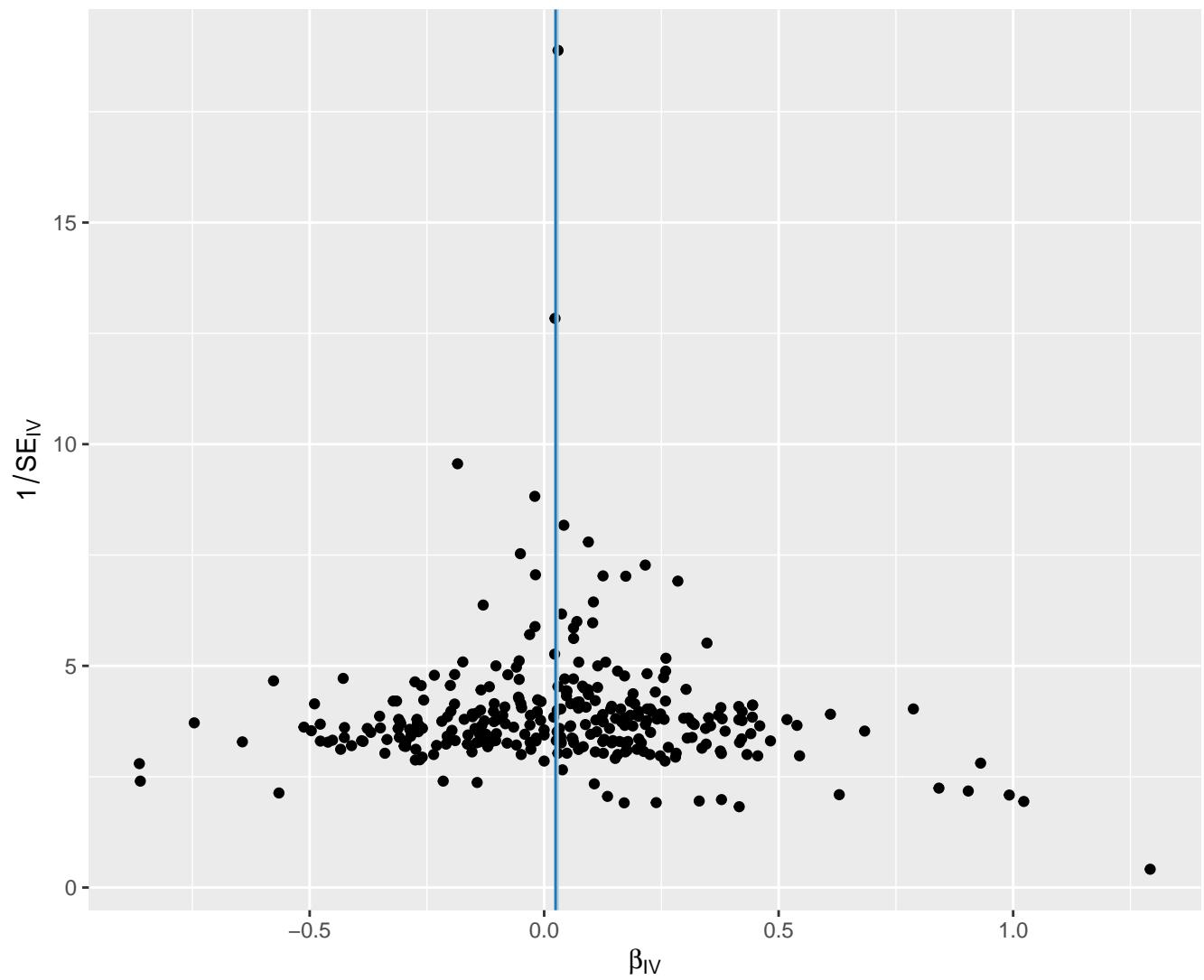


Adrenate (22:4n6)

MR Method

Inverse variance weighted

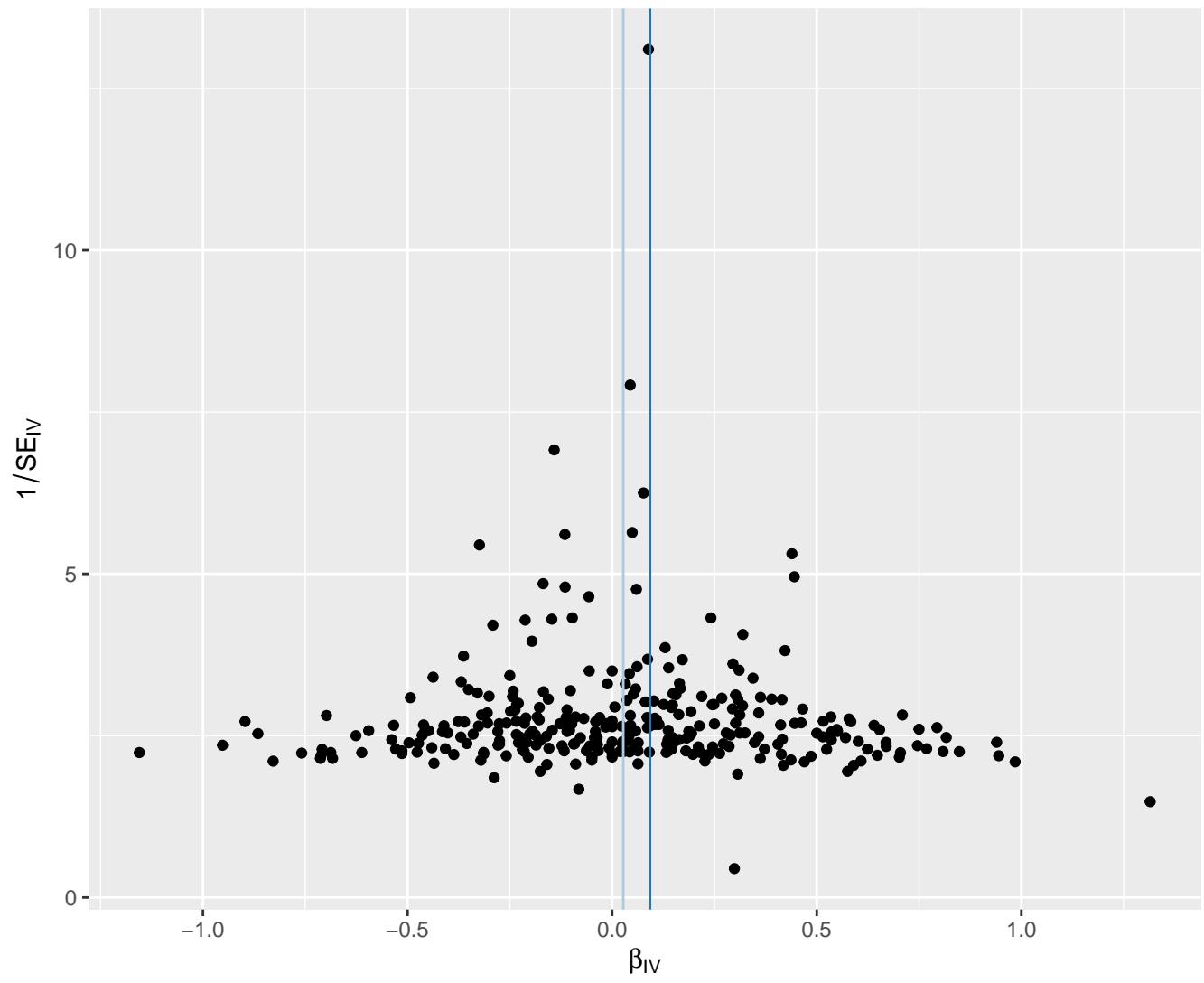
MR Egger



ADSGEGDFXAEGGGVR*

MR Method

Inverse variance weighted
MR Egger

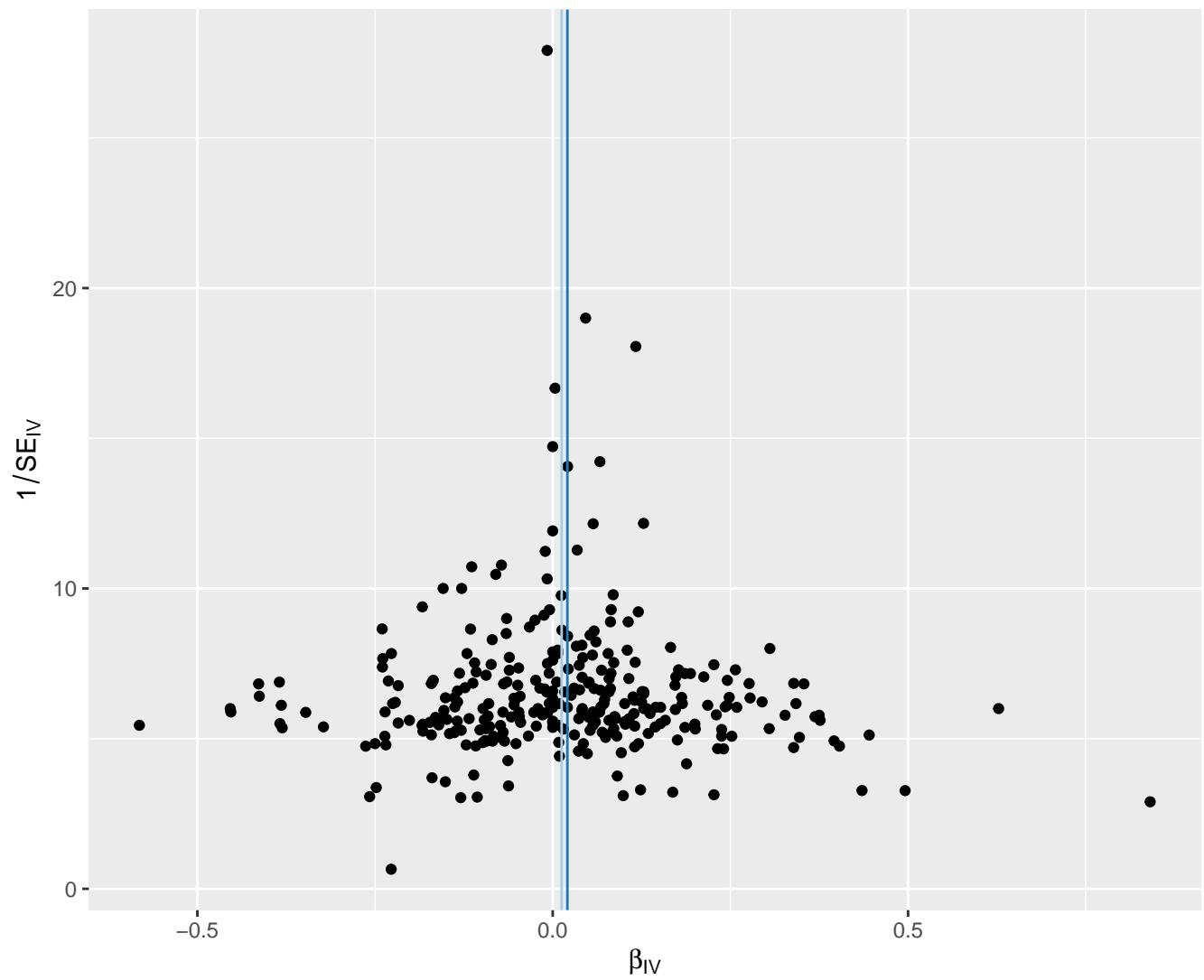


Alanine

MR Method

Inverse variance weighted

MR Egger

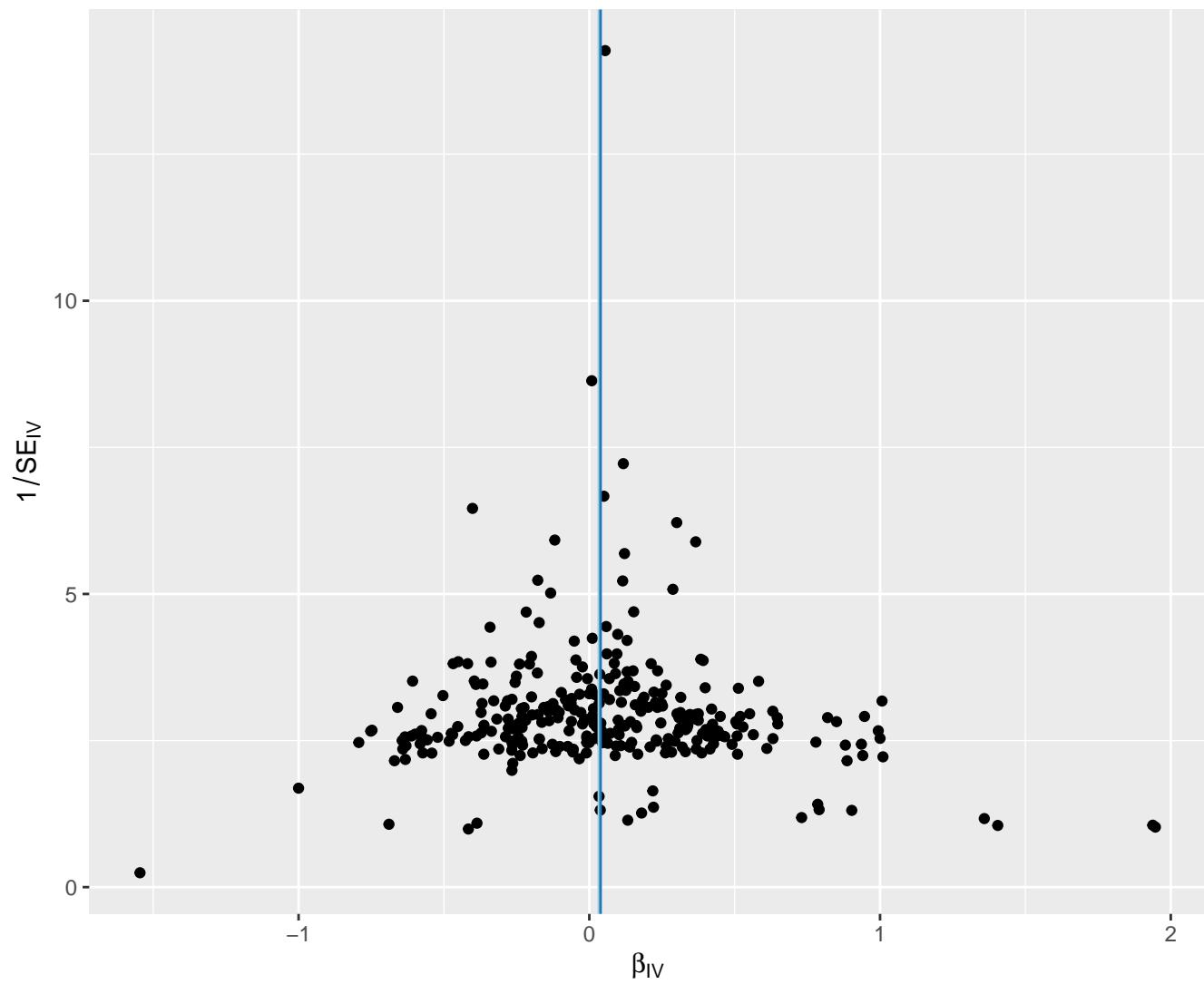


Allantoin

MR Method

Inverse variance weighted

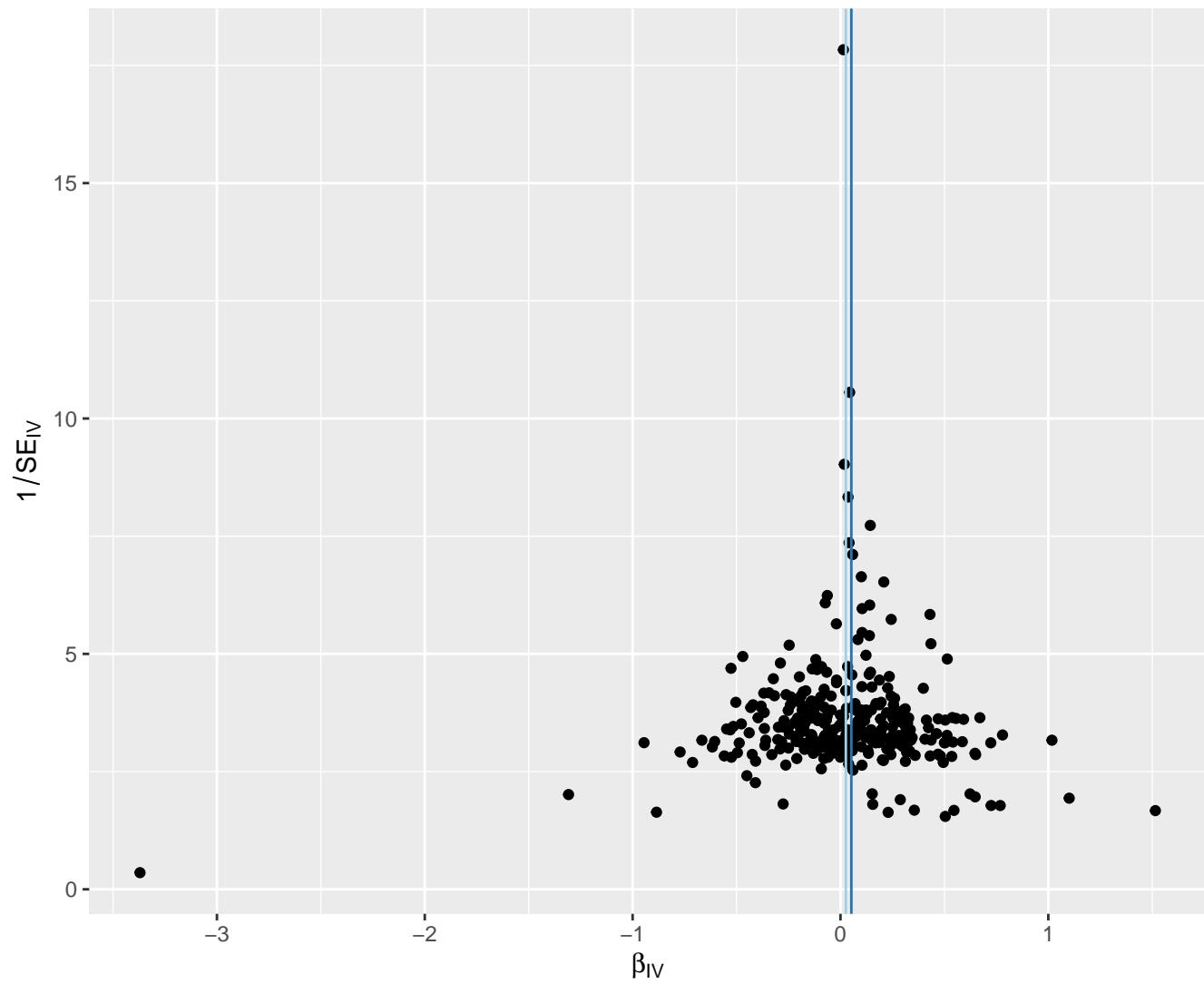
MR Egger



Alpha-hydroxyisovalerate

MR Method

- Inverse variance weighted
- MR Egger

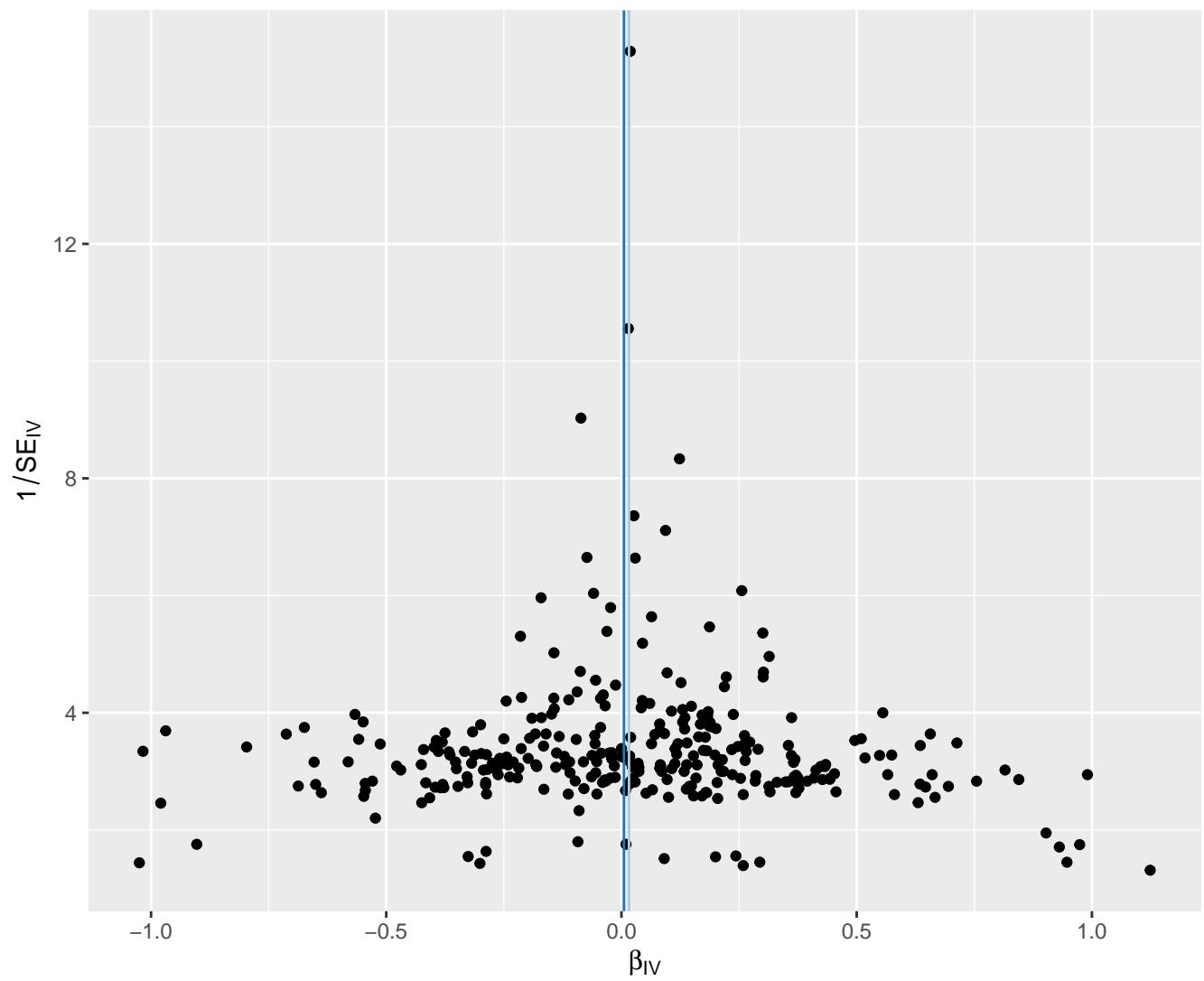


Alpha-ketoglutarate

MR Method

Inverse variance weighted

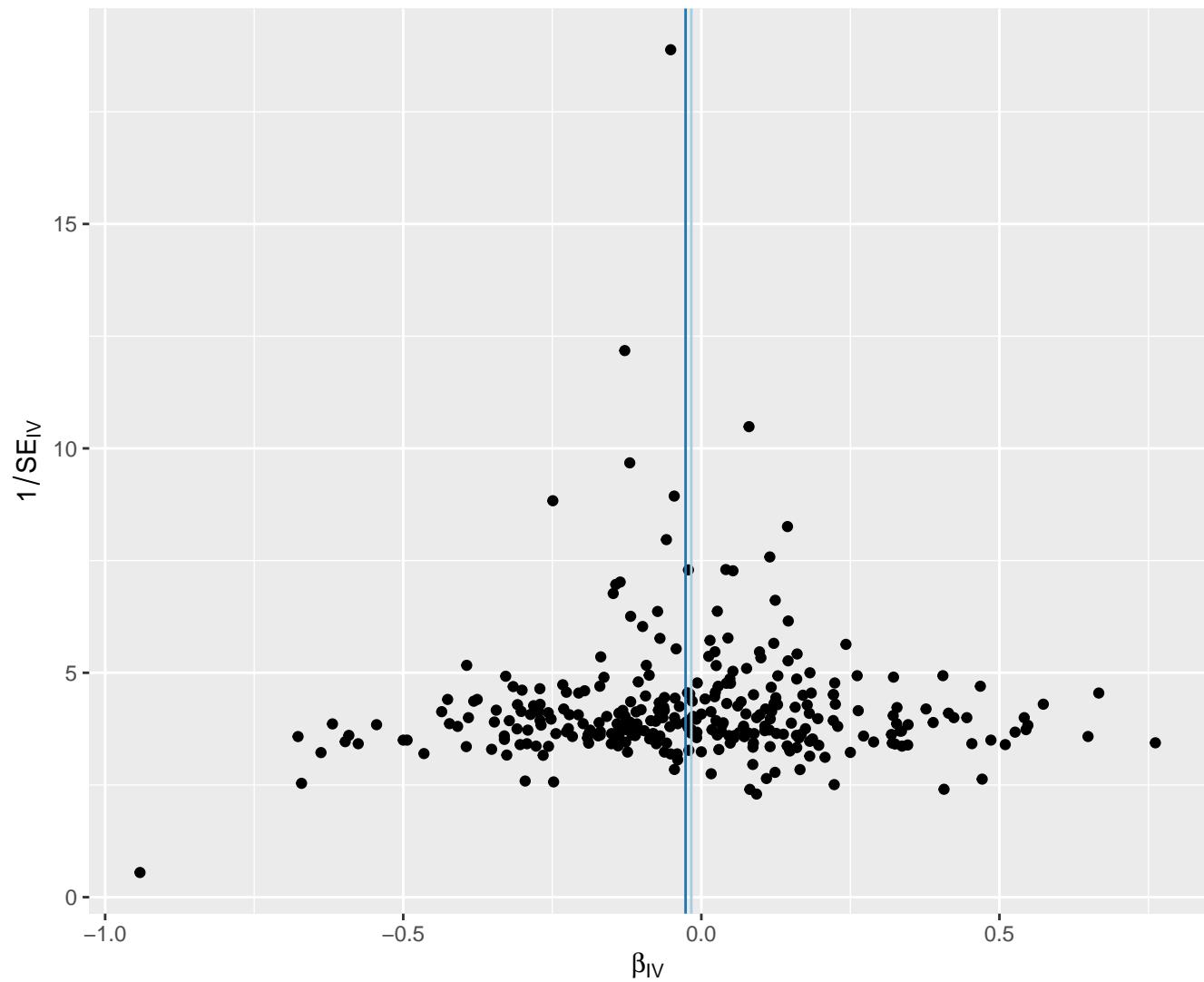
MR Egger



Alpha-tocopherol

MR Method

- Inverse variance weighted
- MR Egger

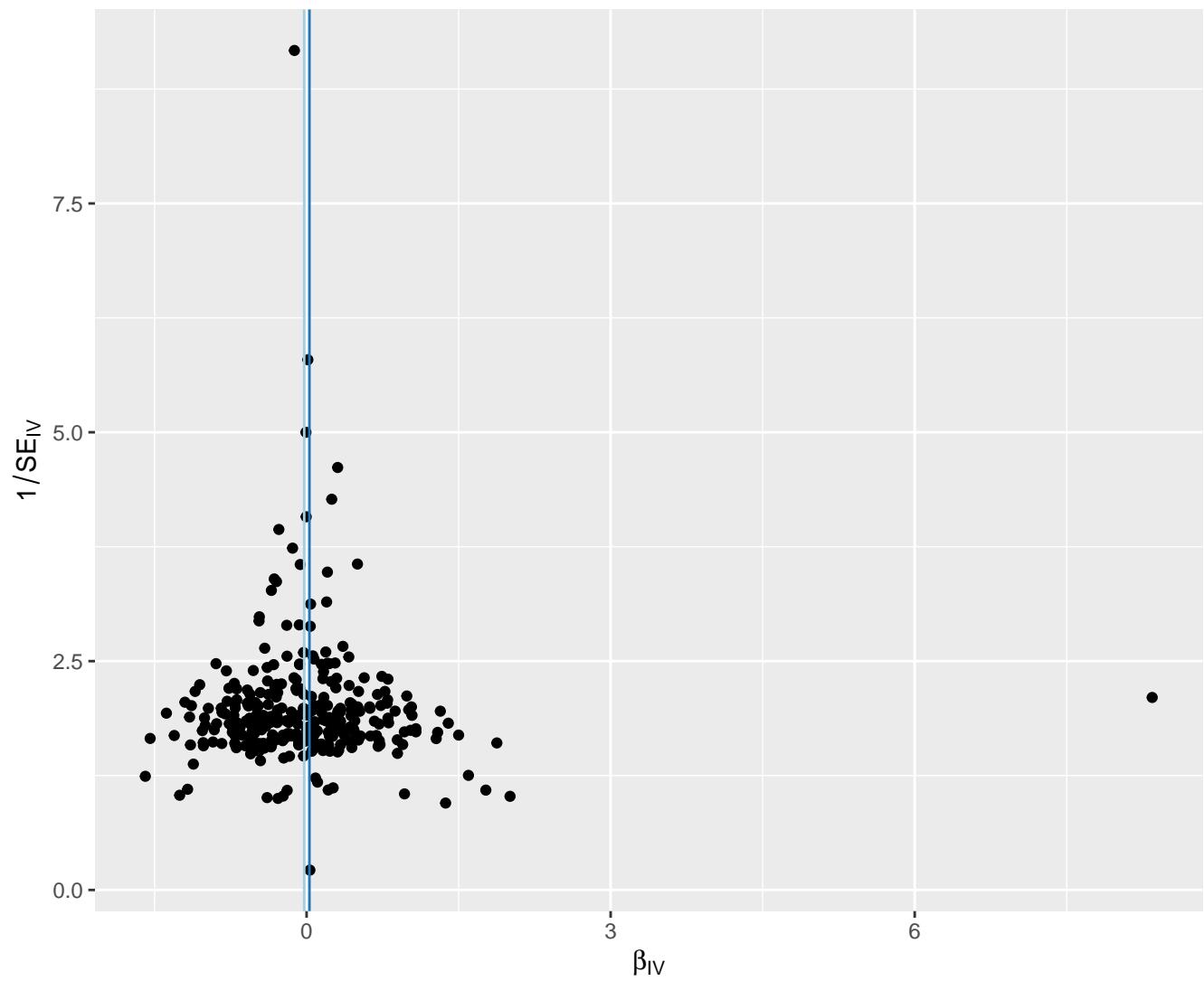


Androsterone sulfate

MR Method

Inverse variance weighted

MR Egger

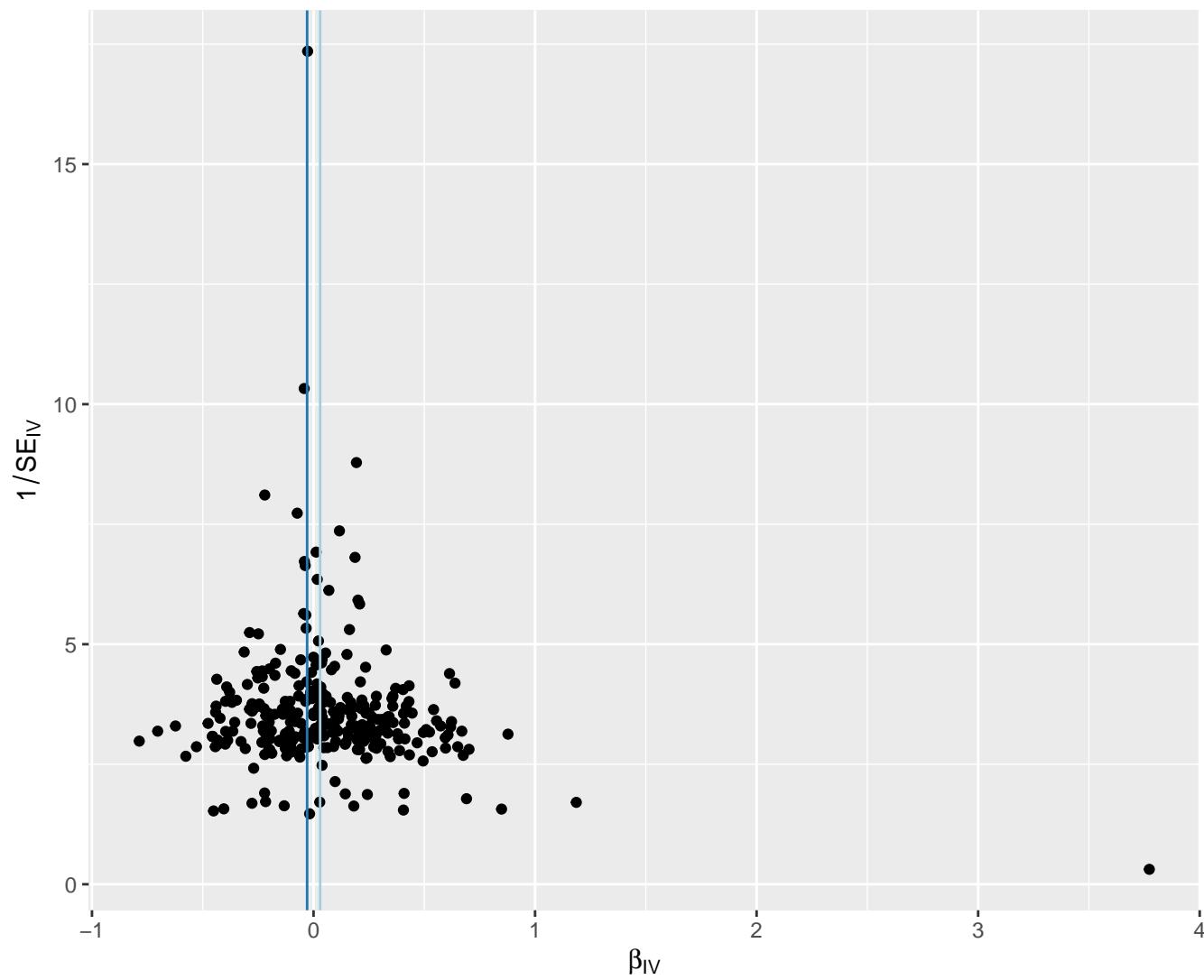


Arabinose

MR Method

Inverse variance weighted

MR Egger

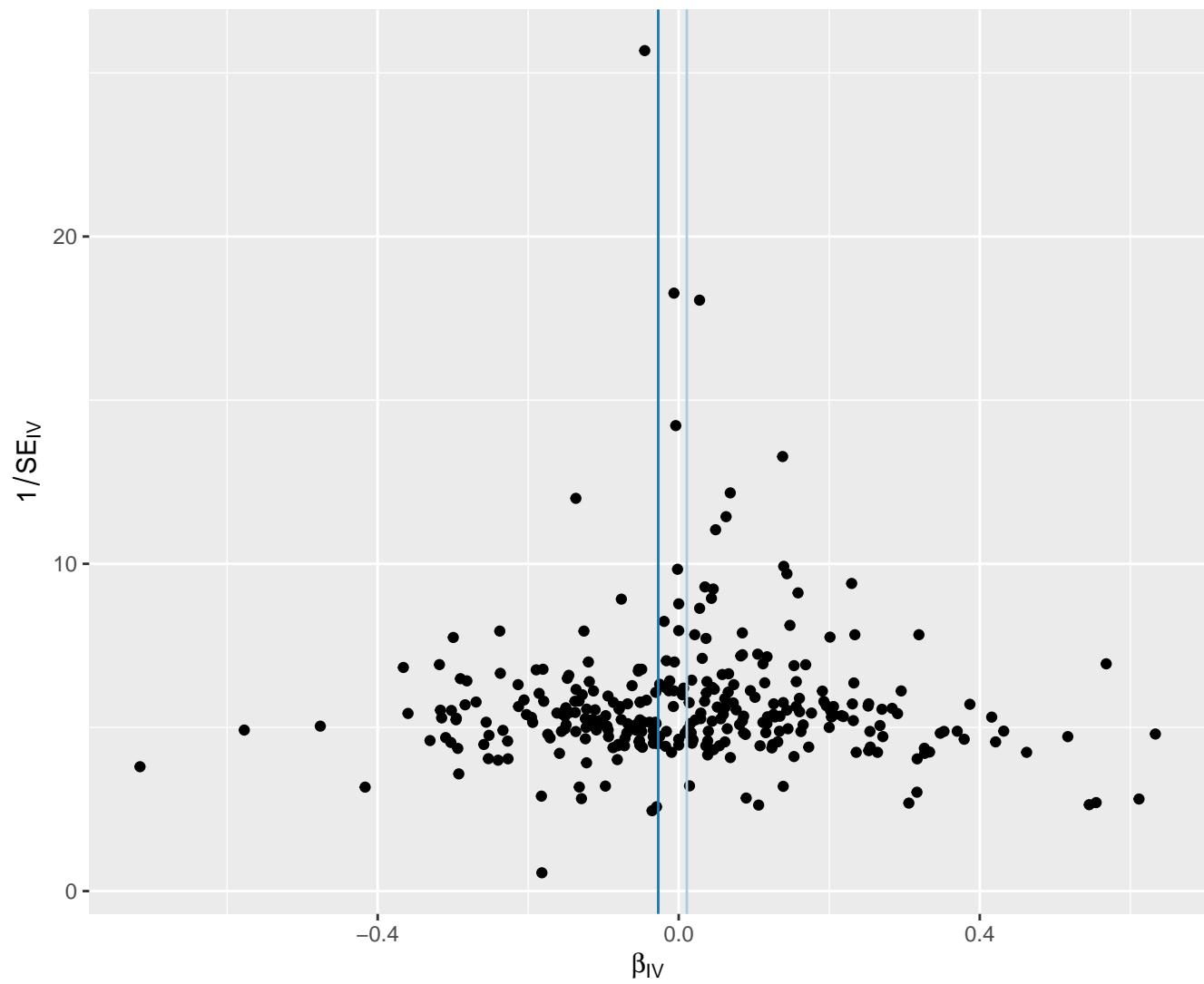


Arachidonate (20:4n6)

MR Method

Inverse variance weighted

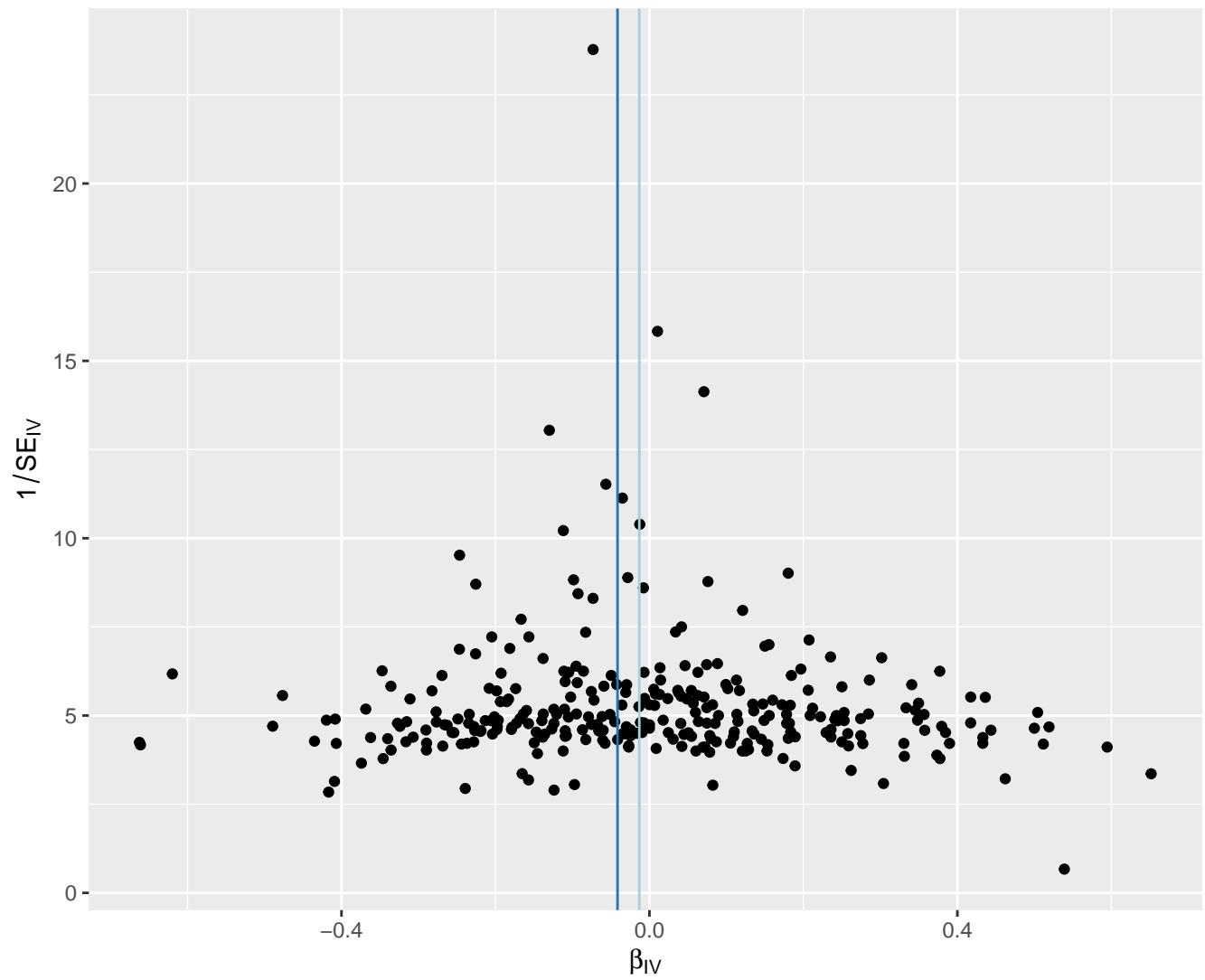
MR Egger



Arginine

MR Method

- Inverse variance weighted
- MR Egger

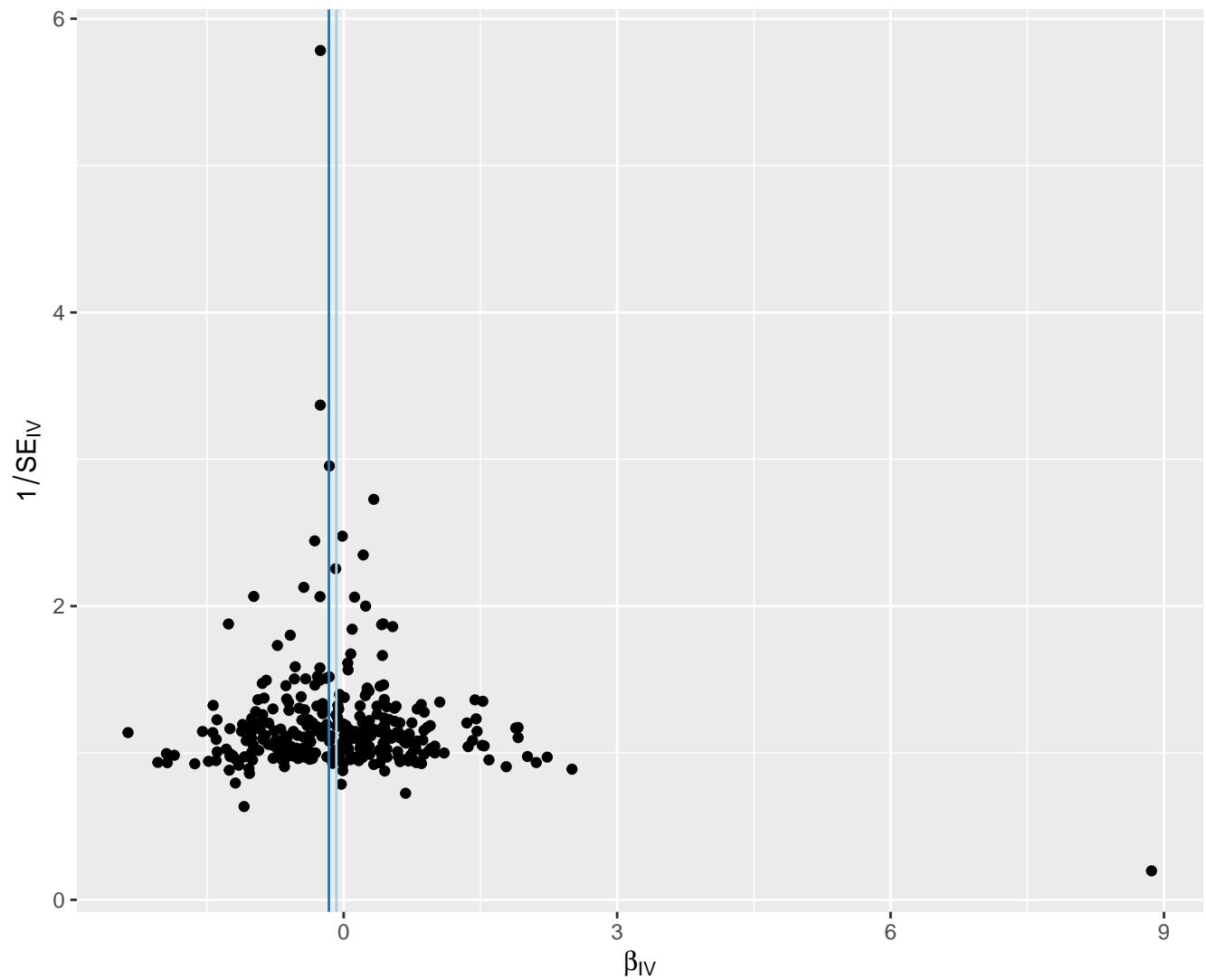


Ascorbate (Vitamin C)

MR Method

Inverse variance weighted

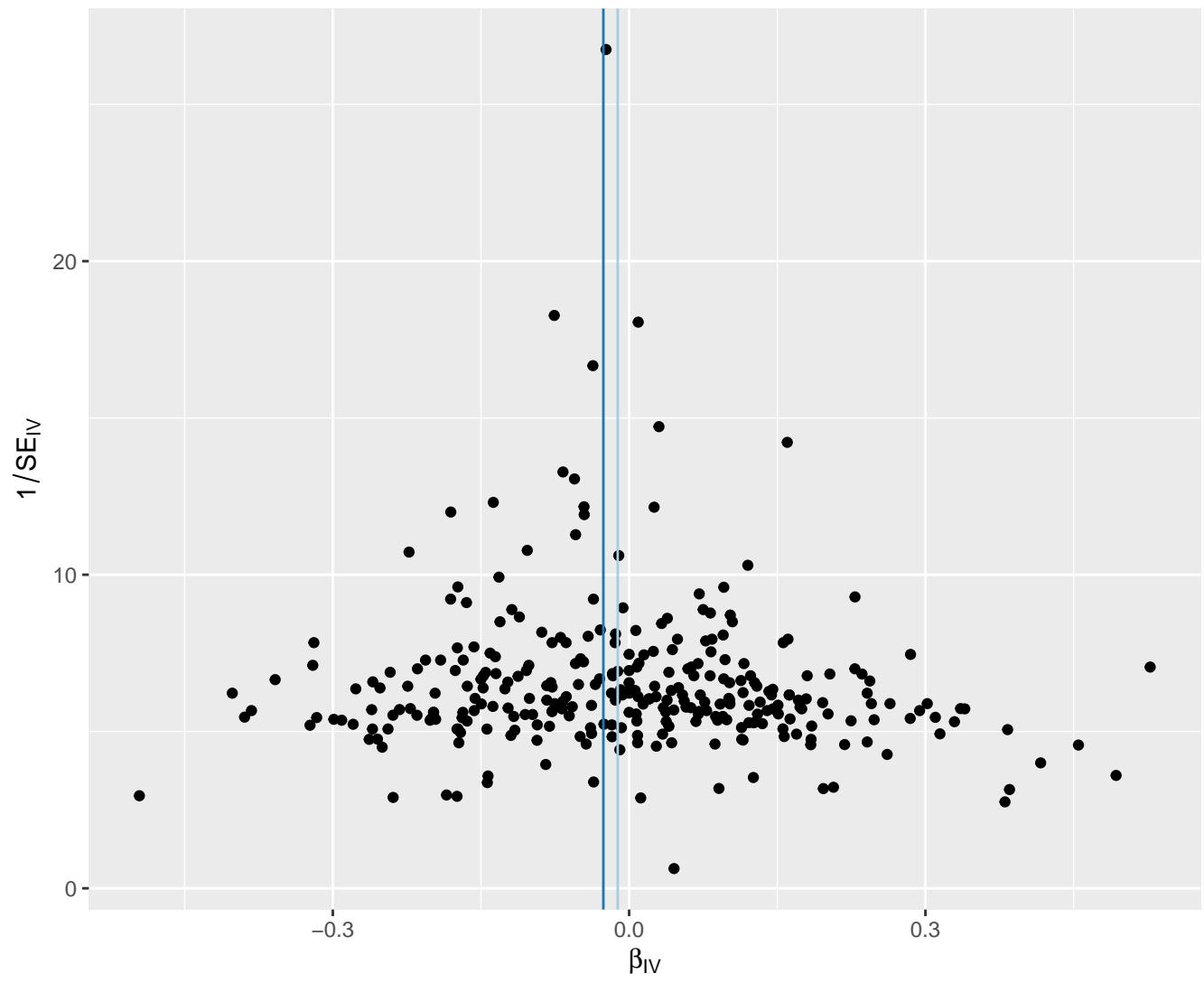
MR Egger



Asparagine

MR Method

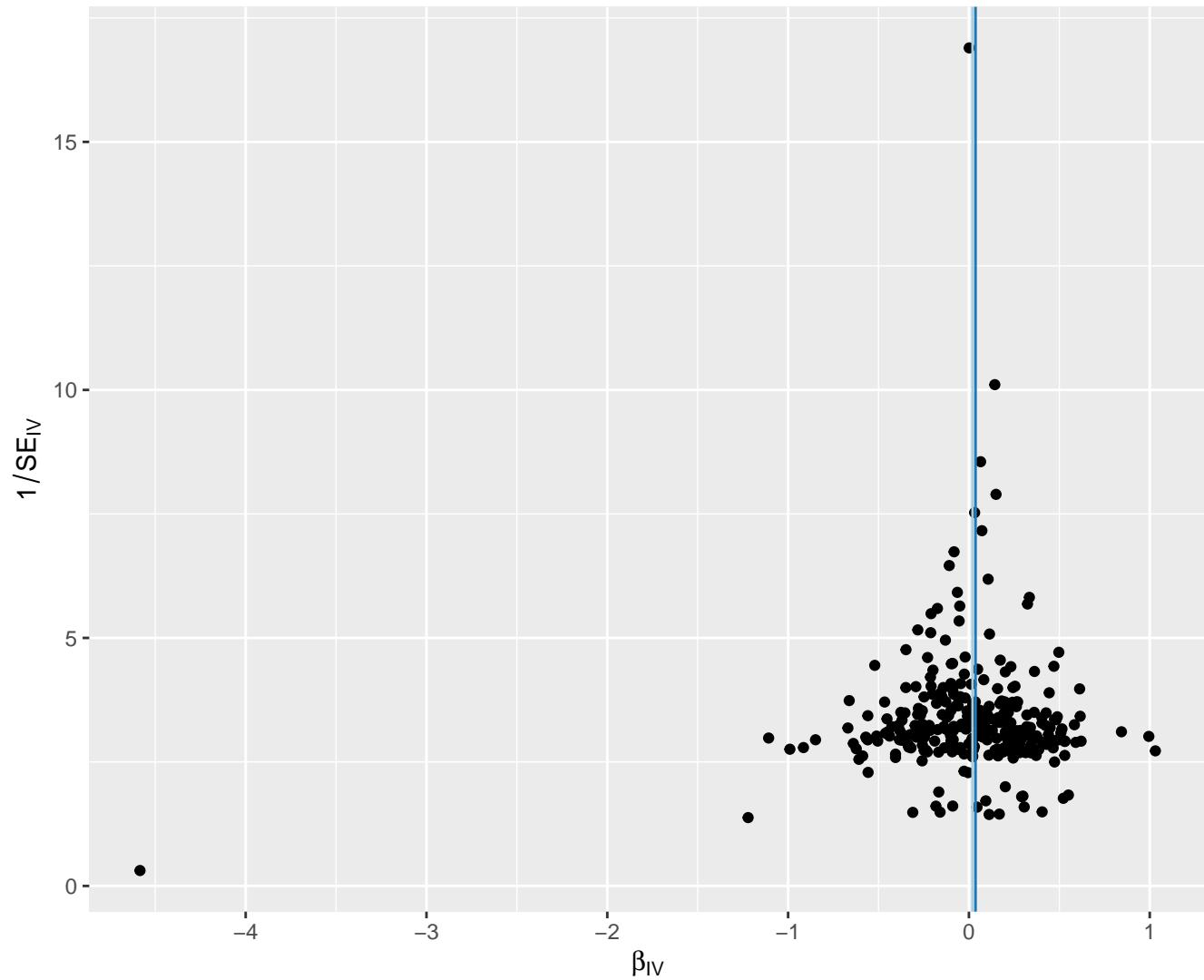
- Inverse variance weighted
- MR Egger



Aspartate

MR Method

- Inverse variance weighted
- MR Egger

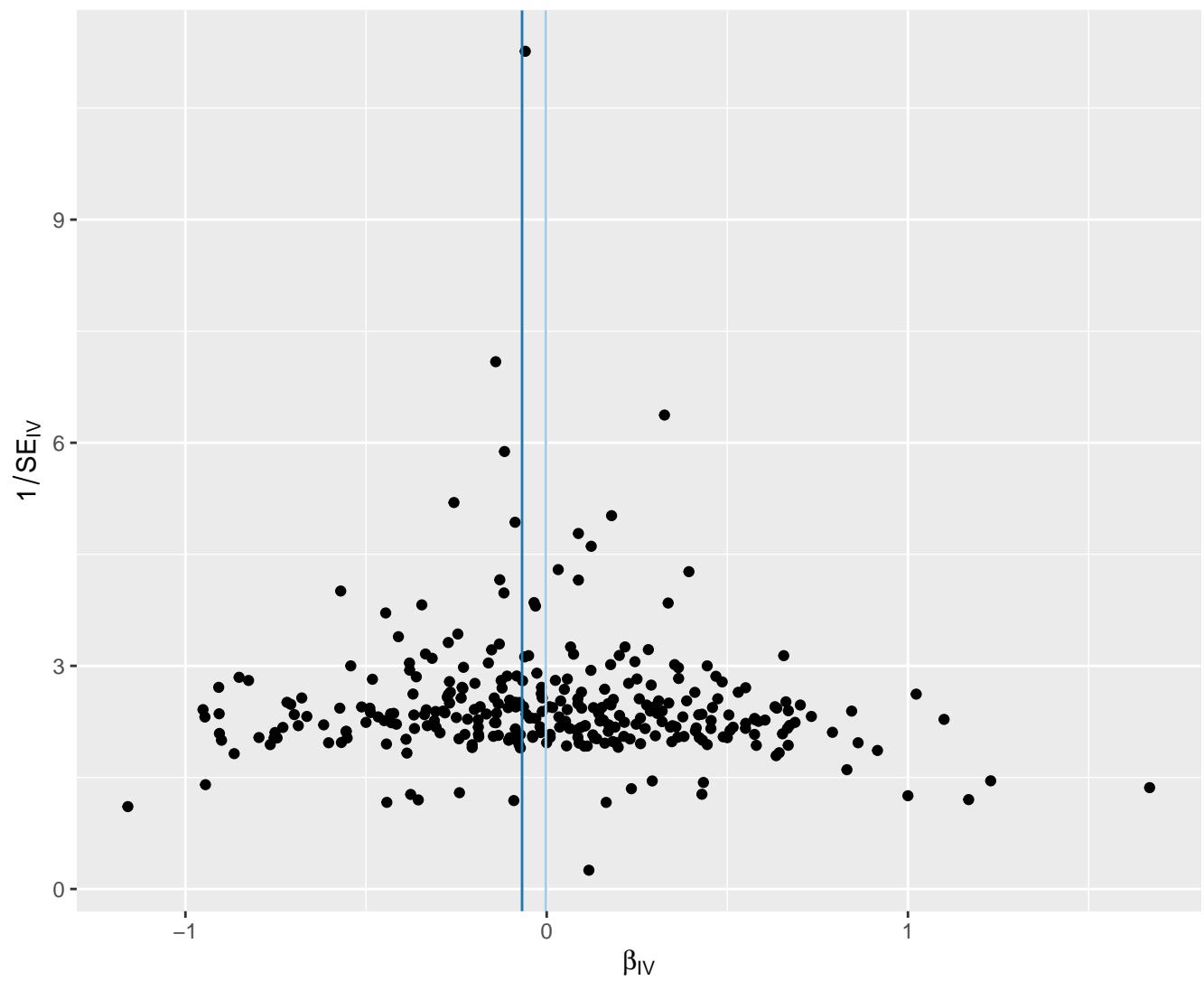


Aspartylphenylalanine

MR Method

Inverse variance weighted

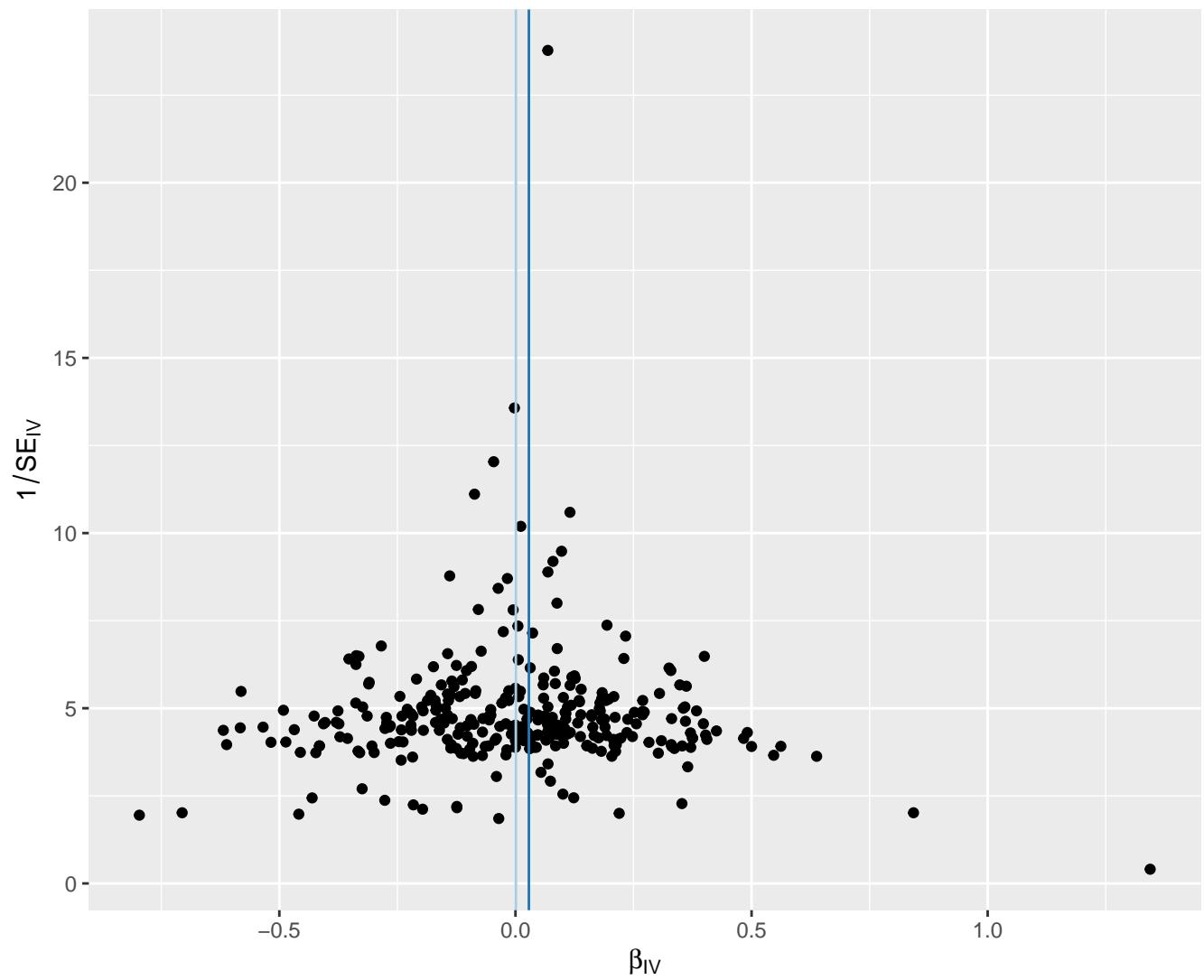
MR Egger



Beta-hydroxyisovalerate

MR Method

- Inverse variance weighted
- MR Egger

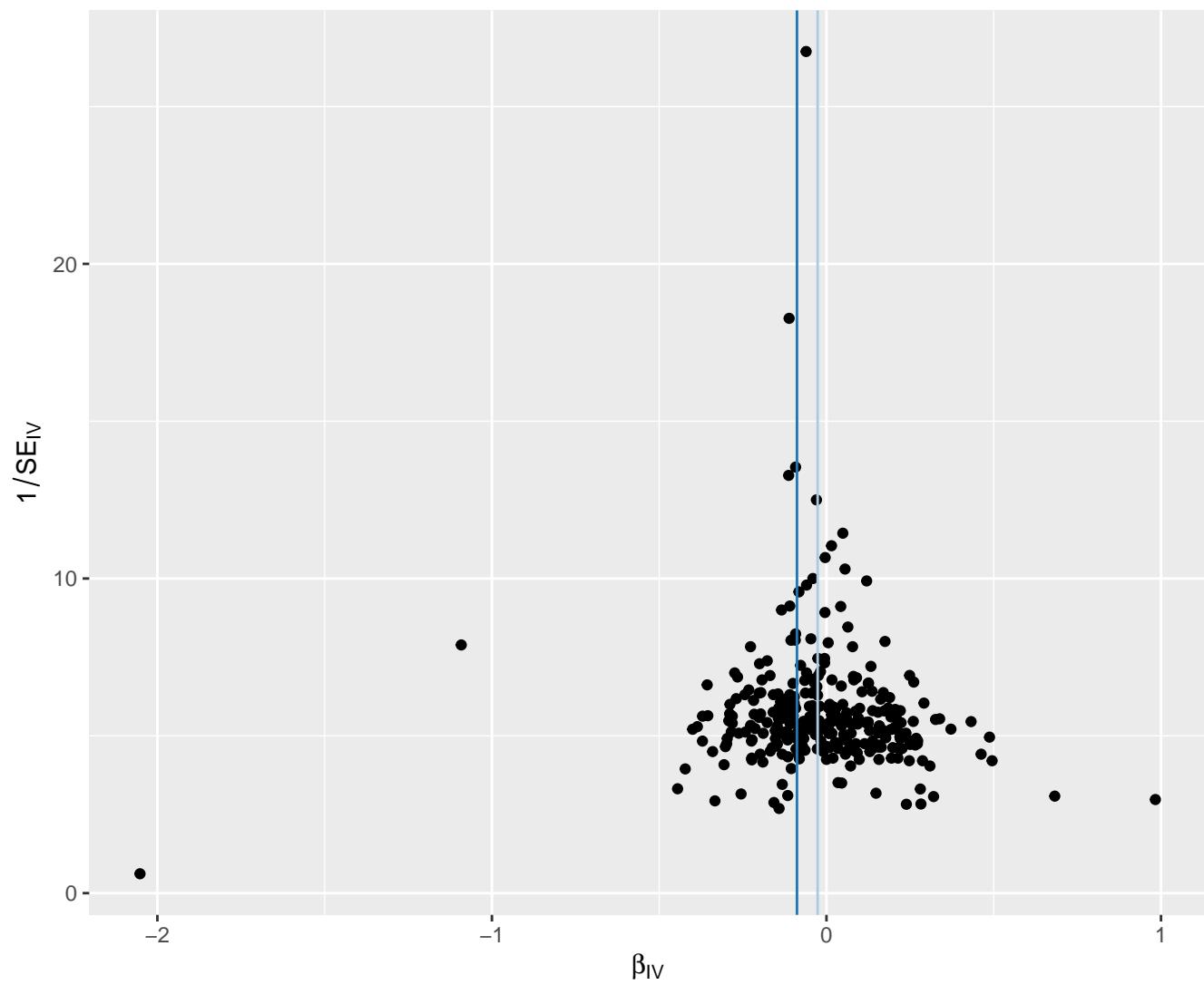


Betaine

MR Method

Inverse variance weighted

MR Egger

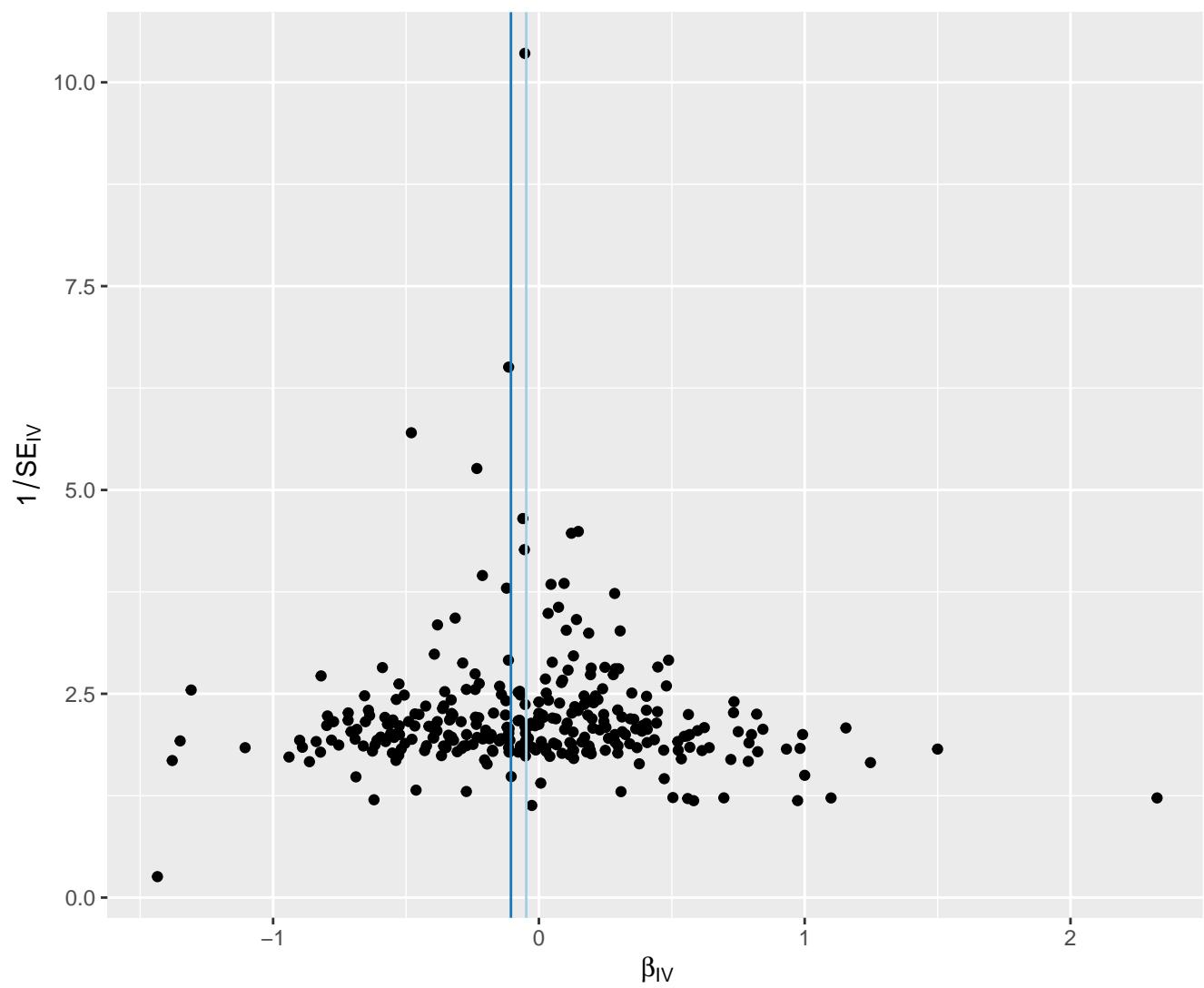


Bilirubin (E,E)*

MR Method

Inverse variance weighted

MR Egger

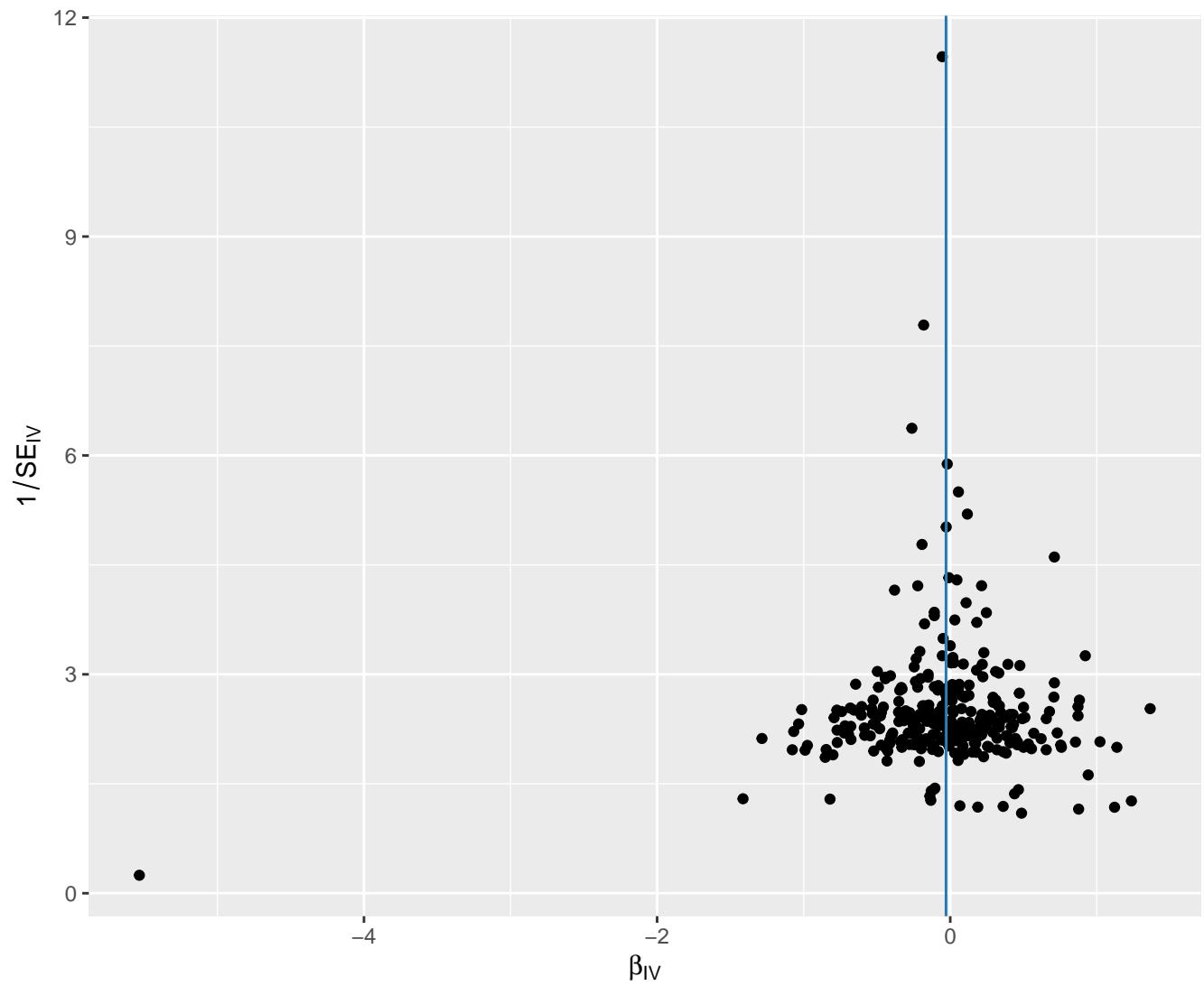


Bilirubin (E,Z or Z,E)*

MR Method

Inverse variance weighted

MR Egger

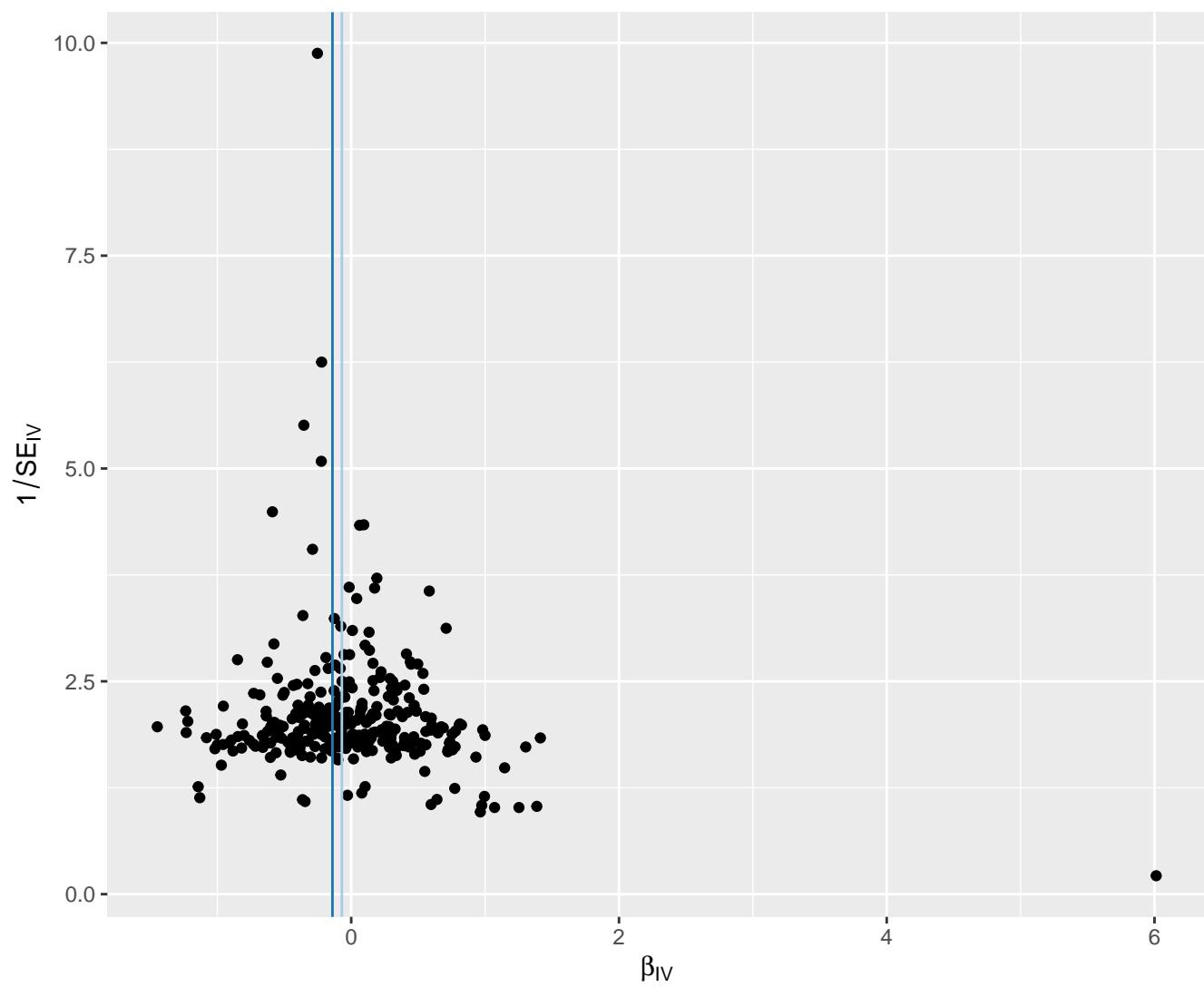


Bilirubin (Z,Z)

MR Method

 Inverse variance weighted

 MR Egger

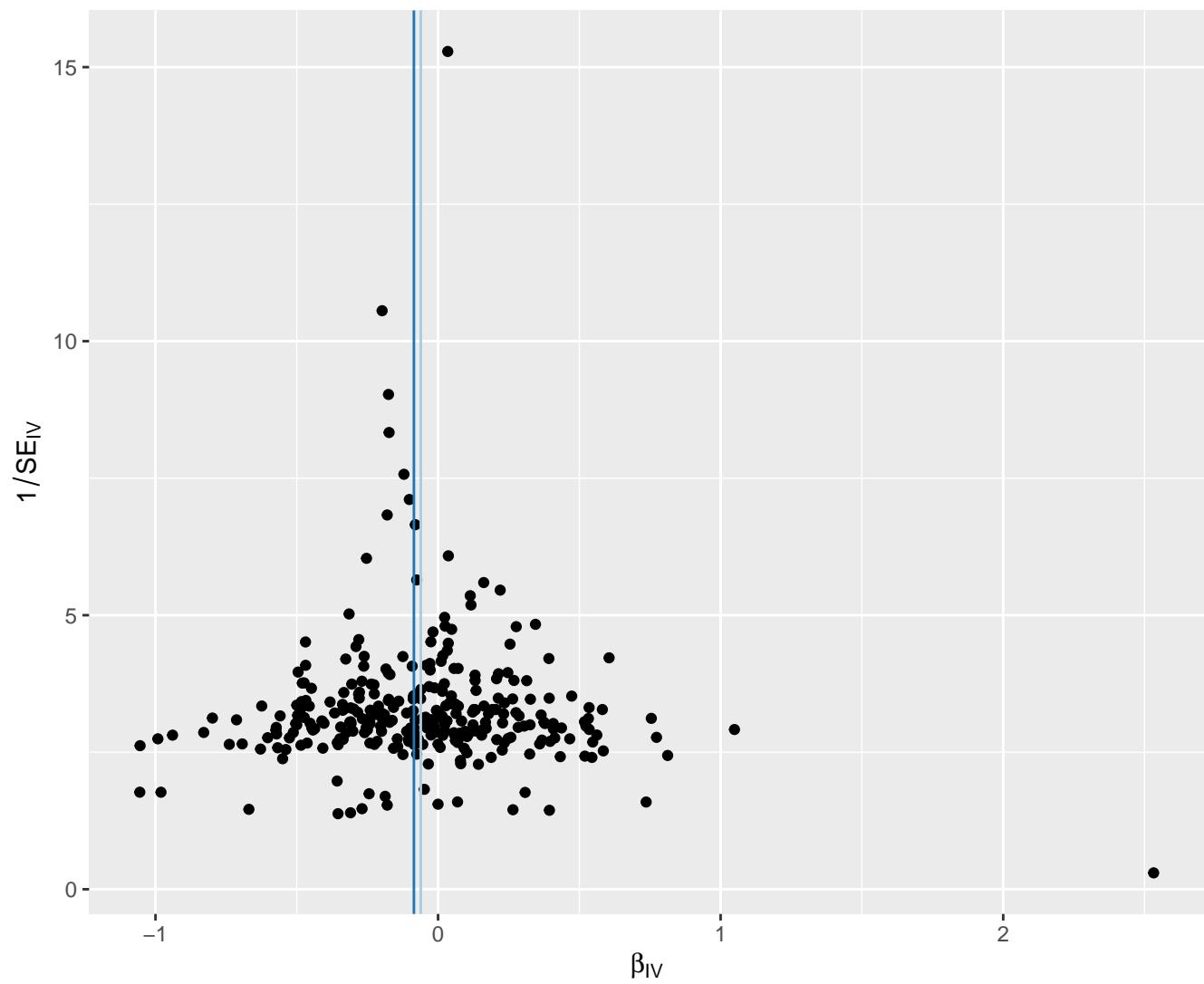


Biliverdin

MR Method

Inverse variance weighted

MR Egger

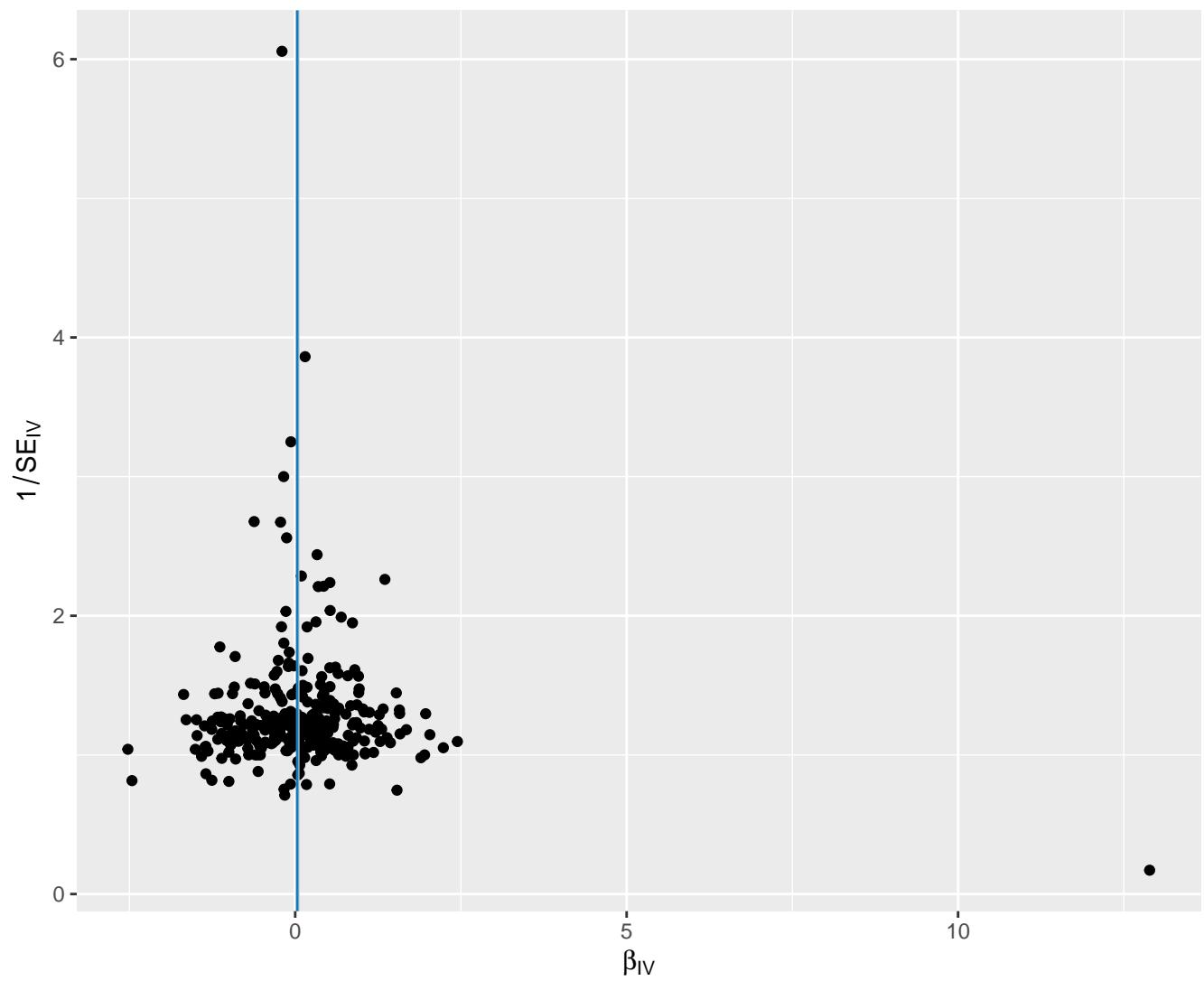


Bradykinin, des-arg(9)

MR Method

Inverse variance weighted

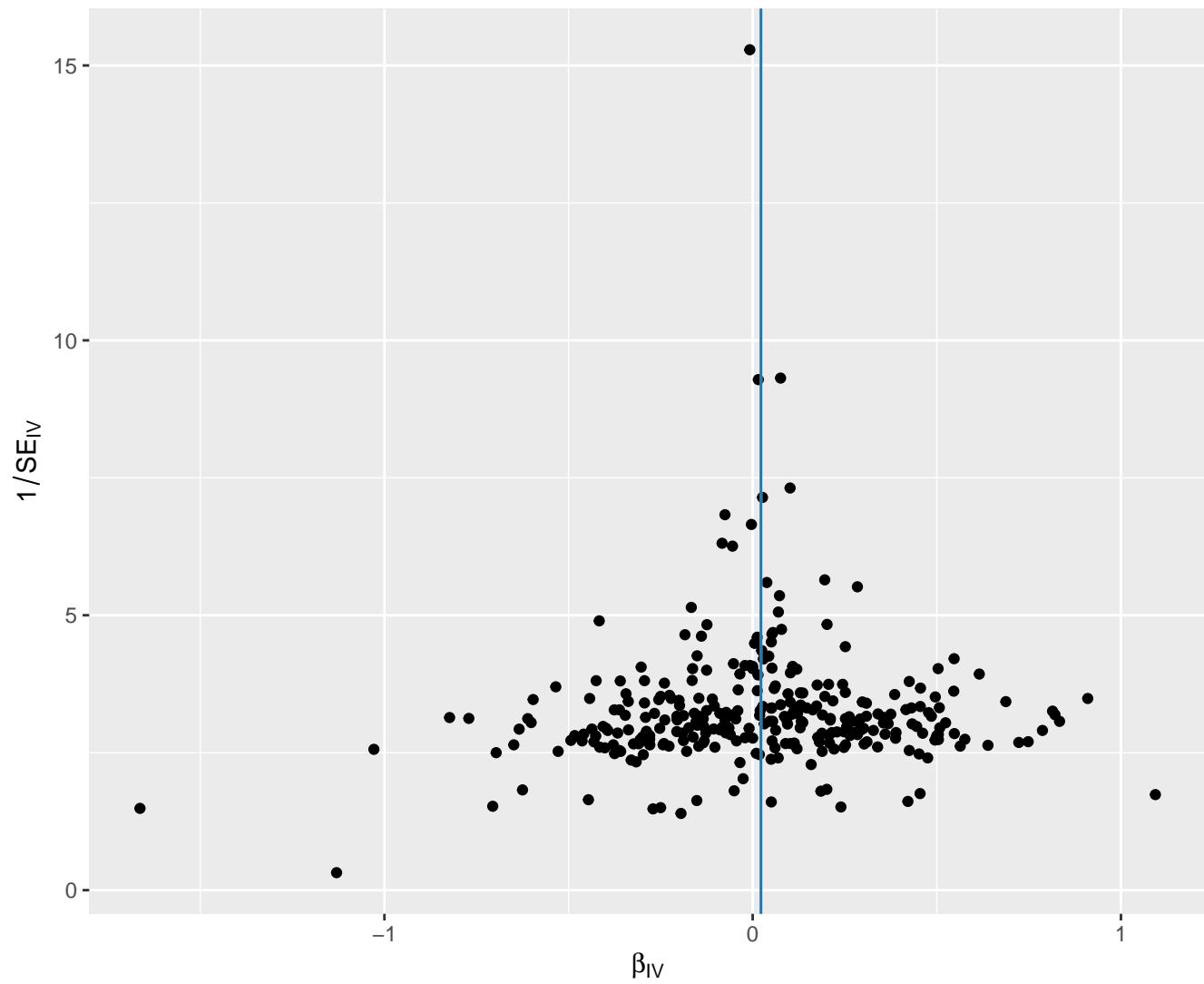
MR Egger



Butyrylcarnitine

MR Method

- Inverse variance weighted
- MR Egger

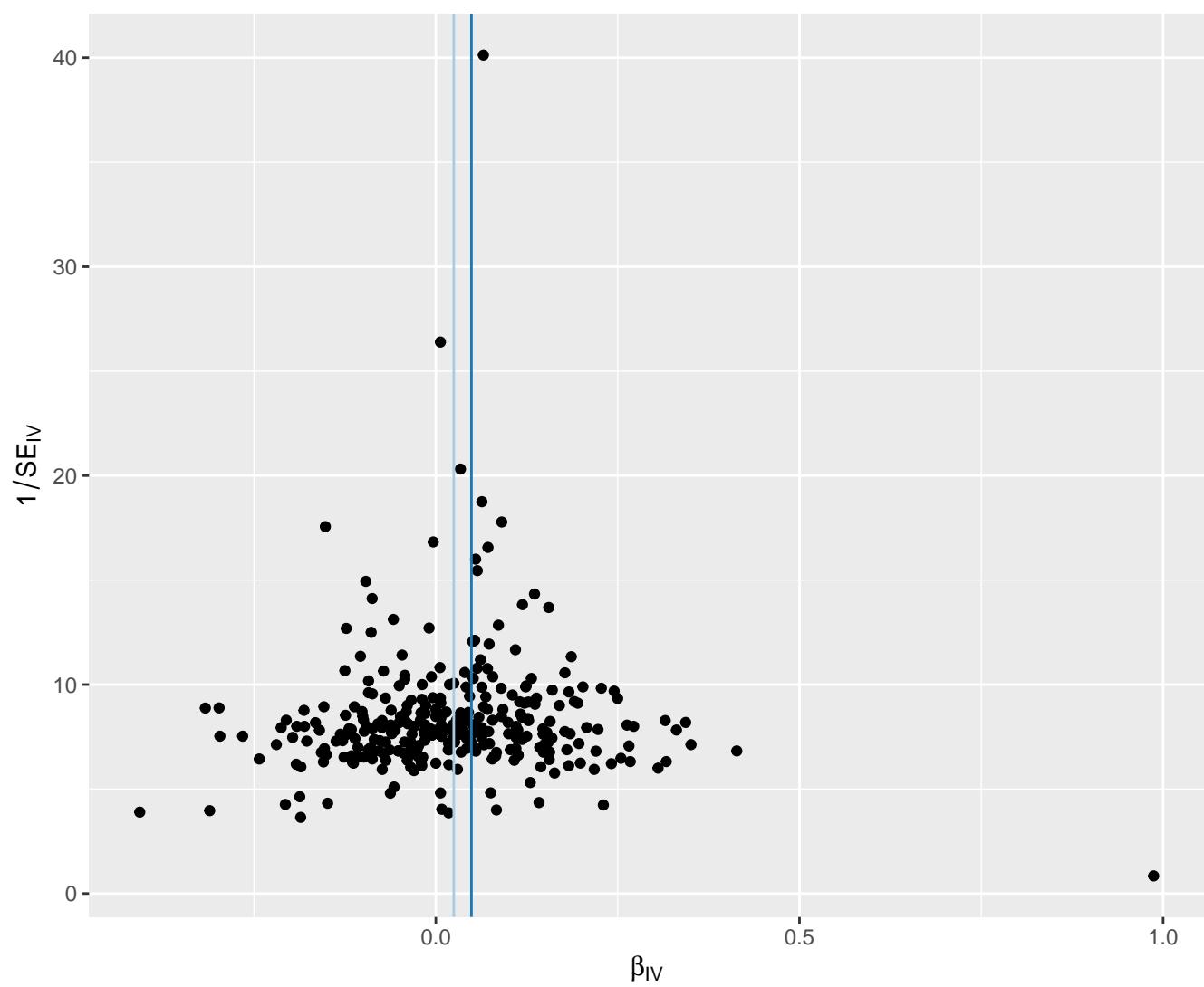


C-glycosyltryptophan*

MR Method

Inverse variance weighted

MR Egger

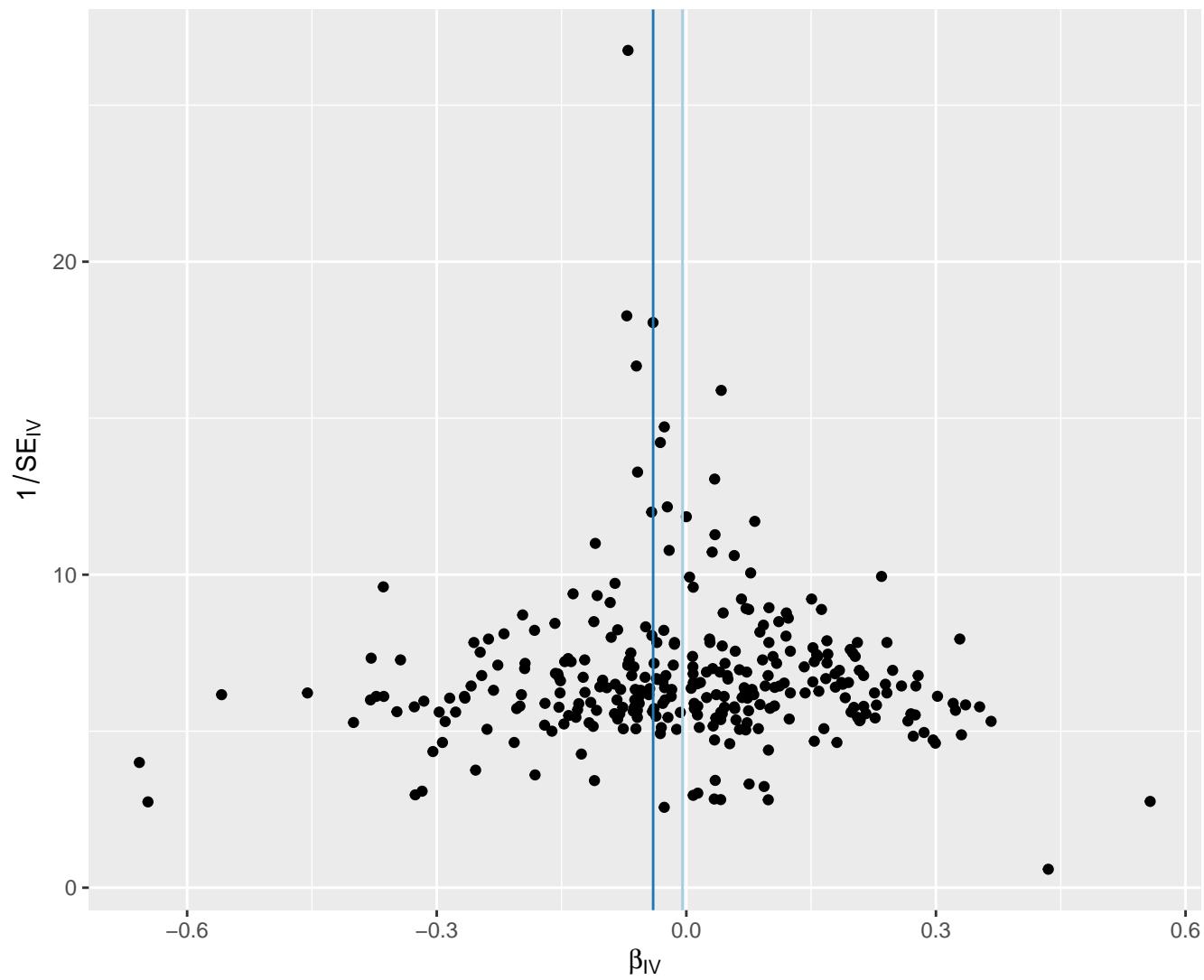


Caproate (6:0)

MR Method

Inverse variance weighted

MR Egger

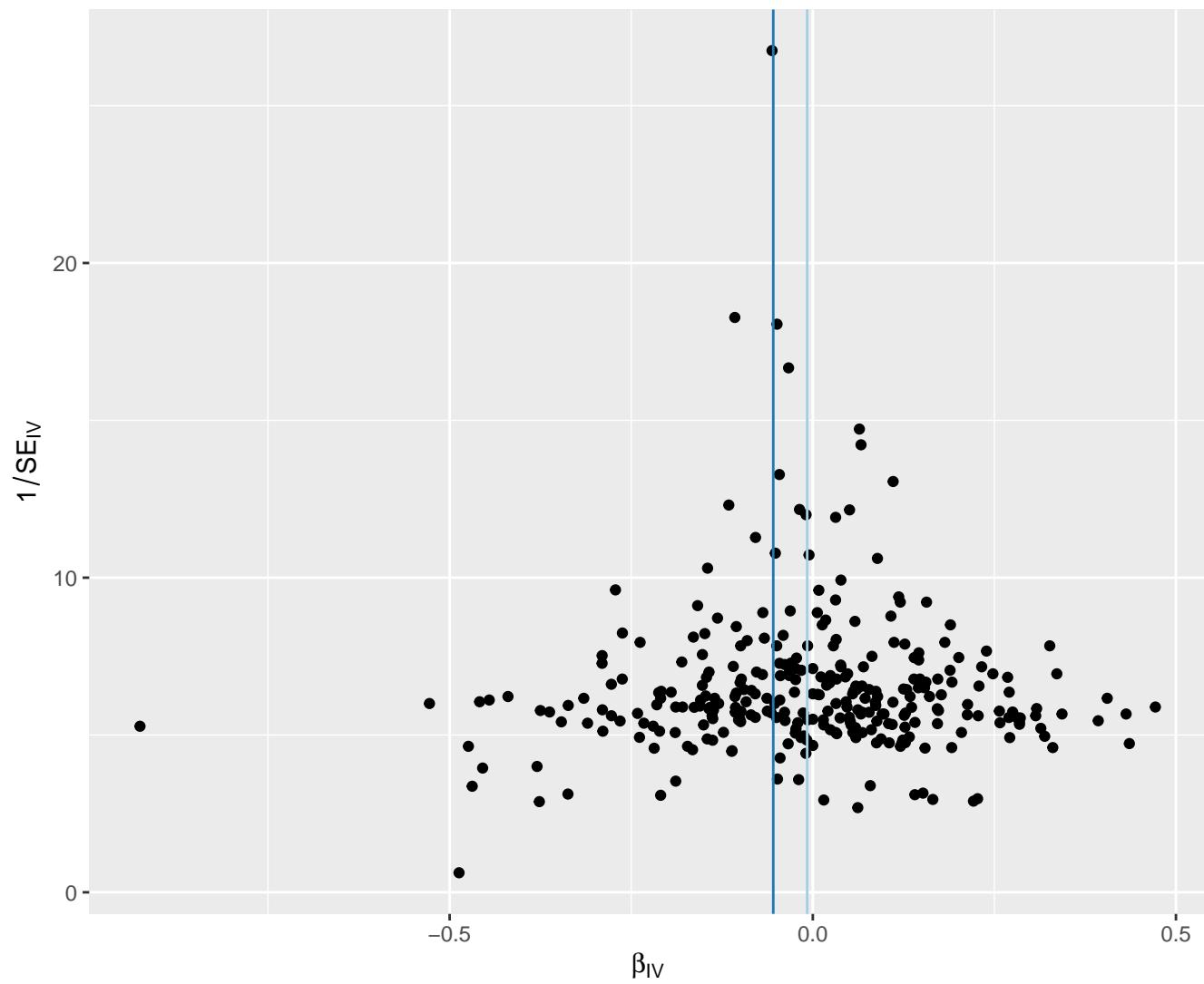


Caprylate (8:0)

MR Method

Inverse variance weighted

MR Egger

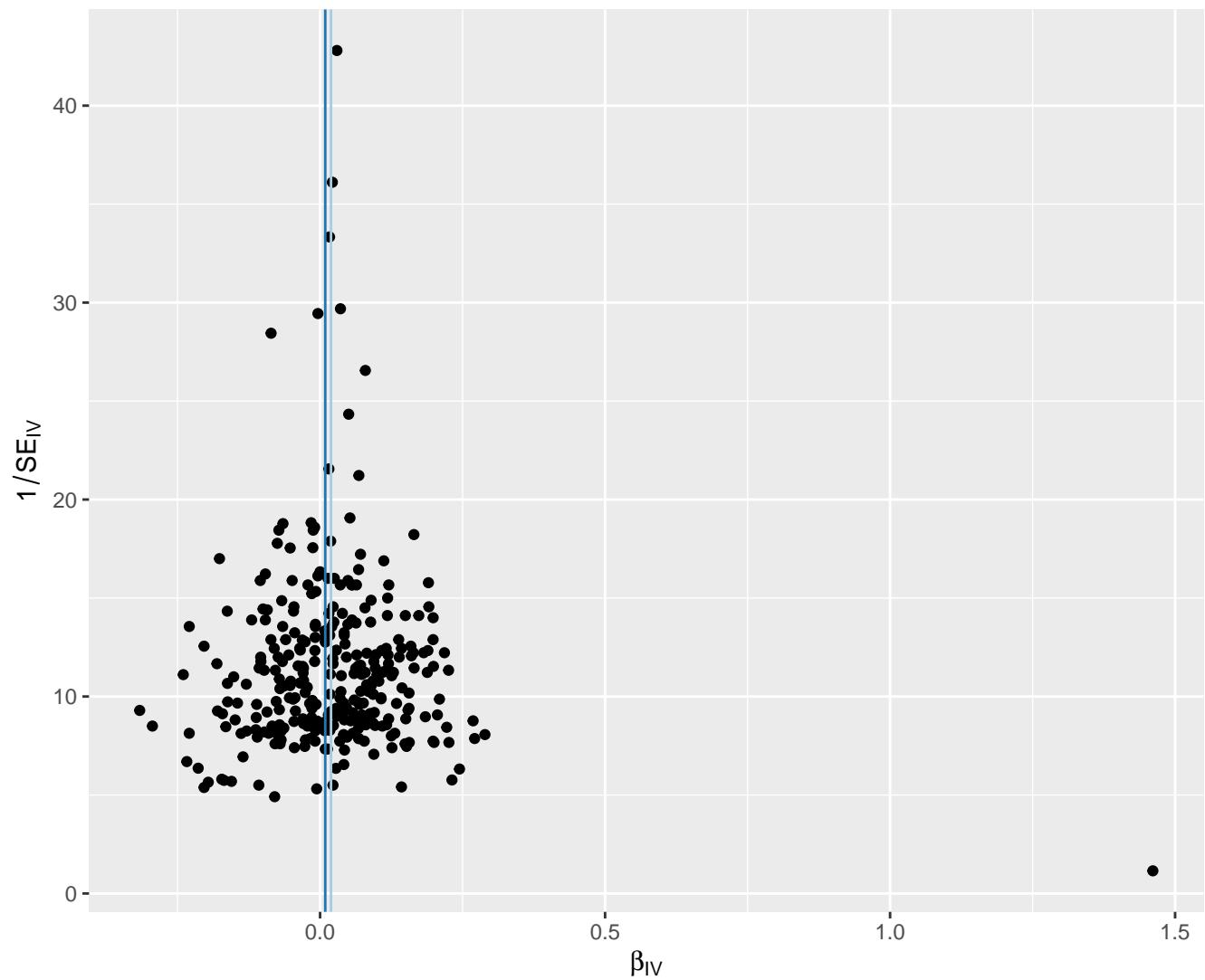


Carnitine

MR Method

Inverse variance weighted

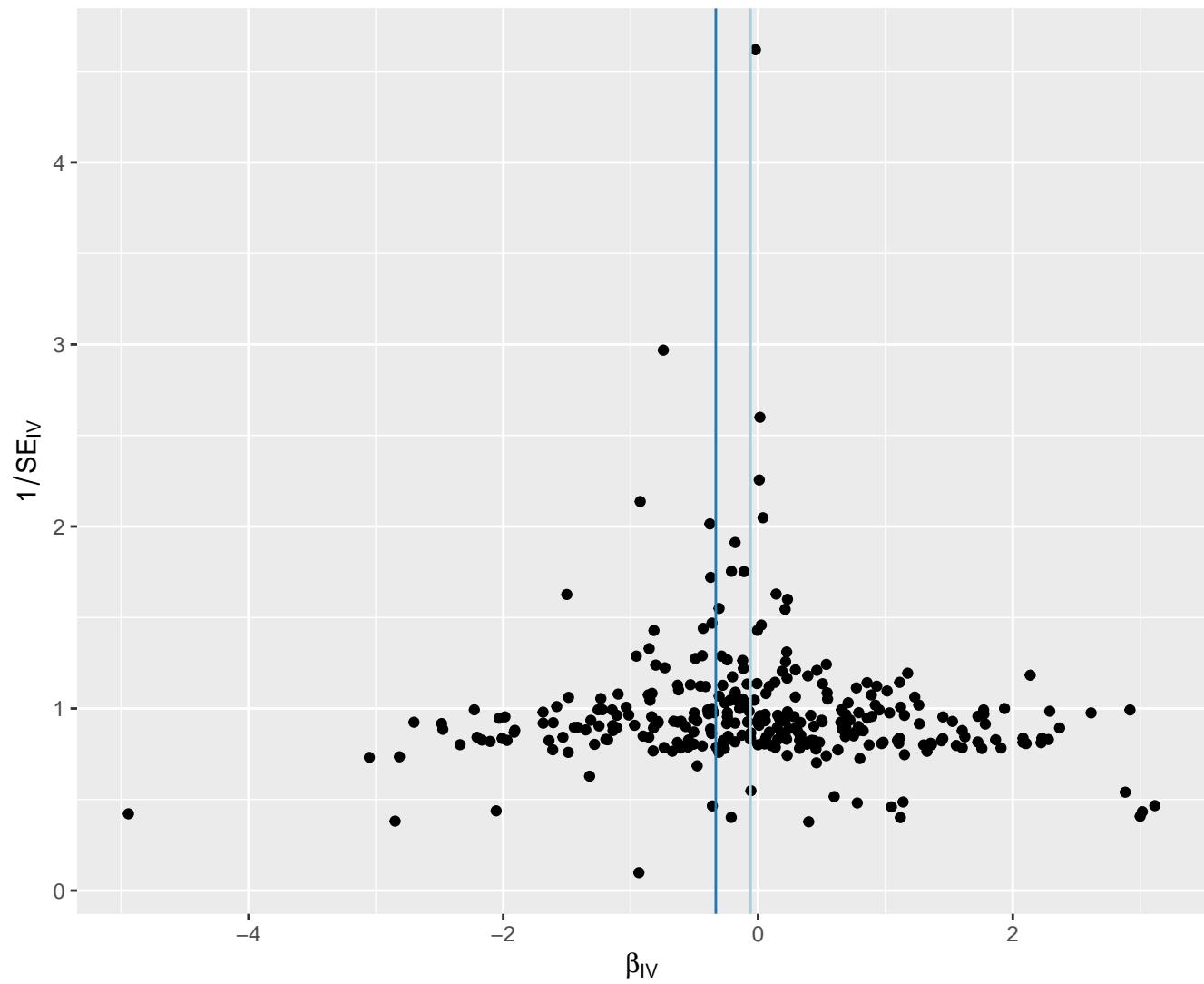
MR Egger



Chiro-inositol

MR Method

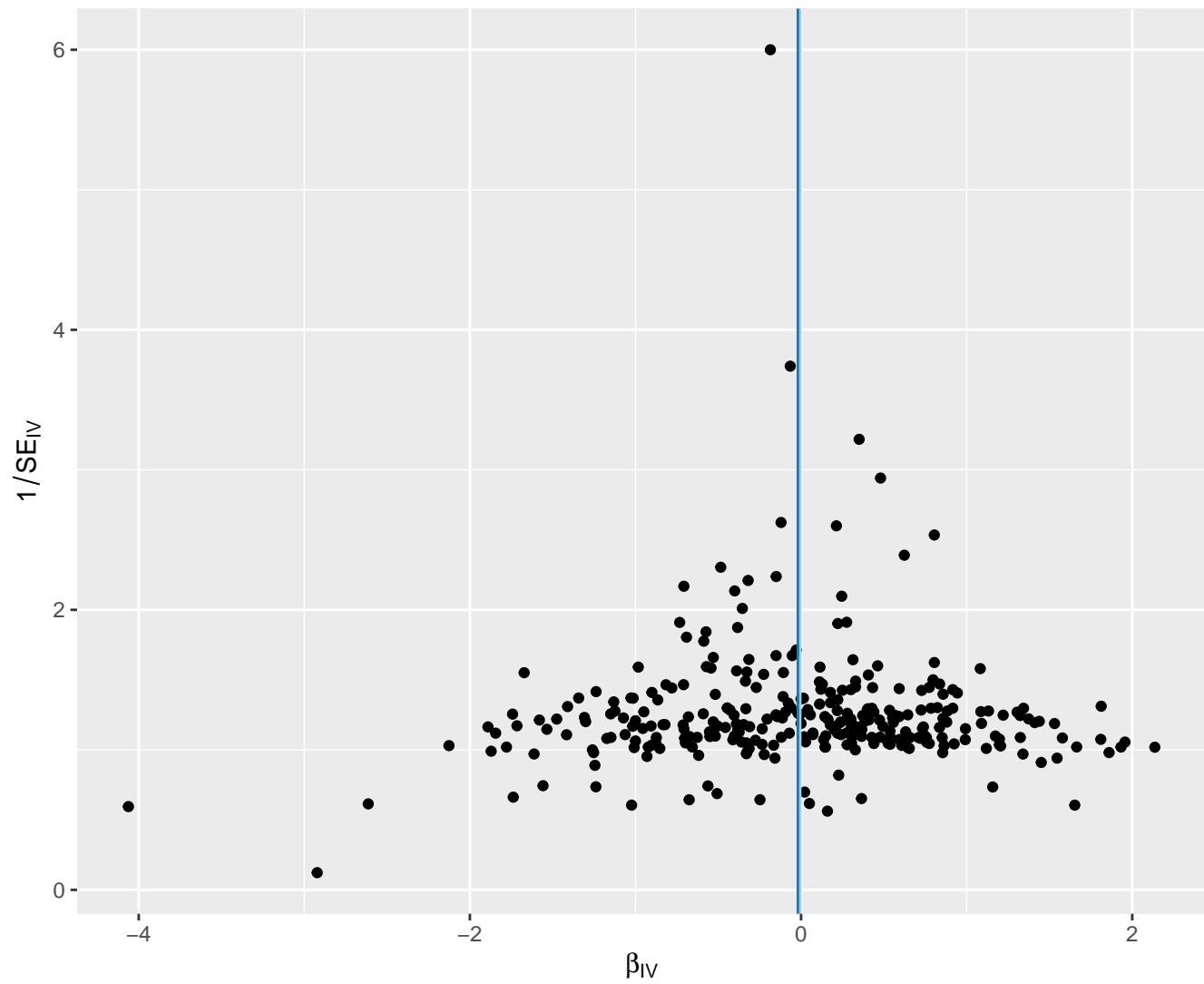
 Inverse variance weighted
 MR Egger



Cholate

MR Method

- Inverse variance weighted
- MR Egger

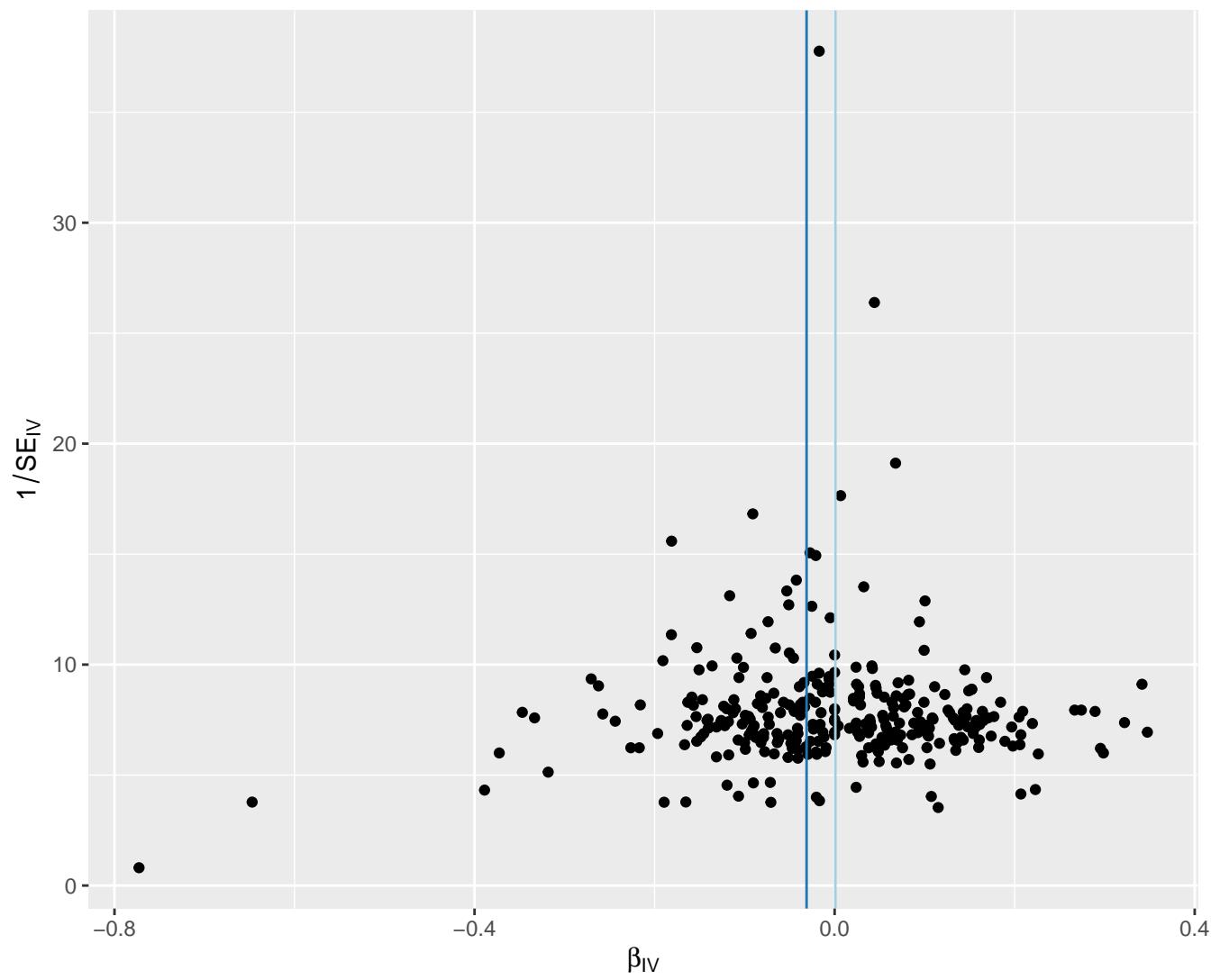


Cholesterol

MR Method

Inverse variance weighted

MR Egger

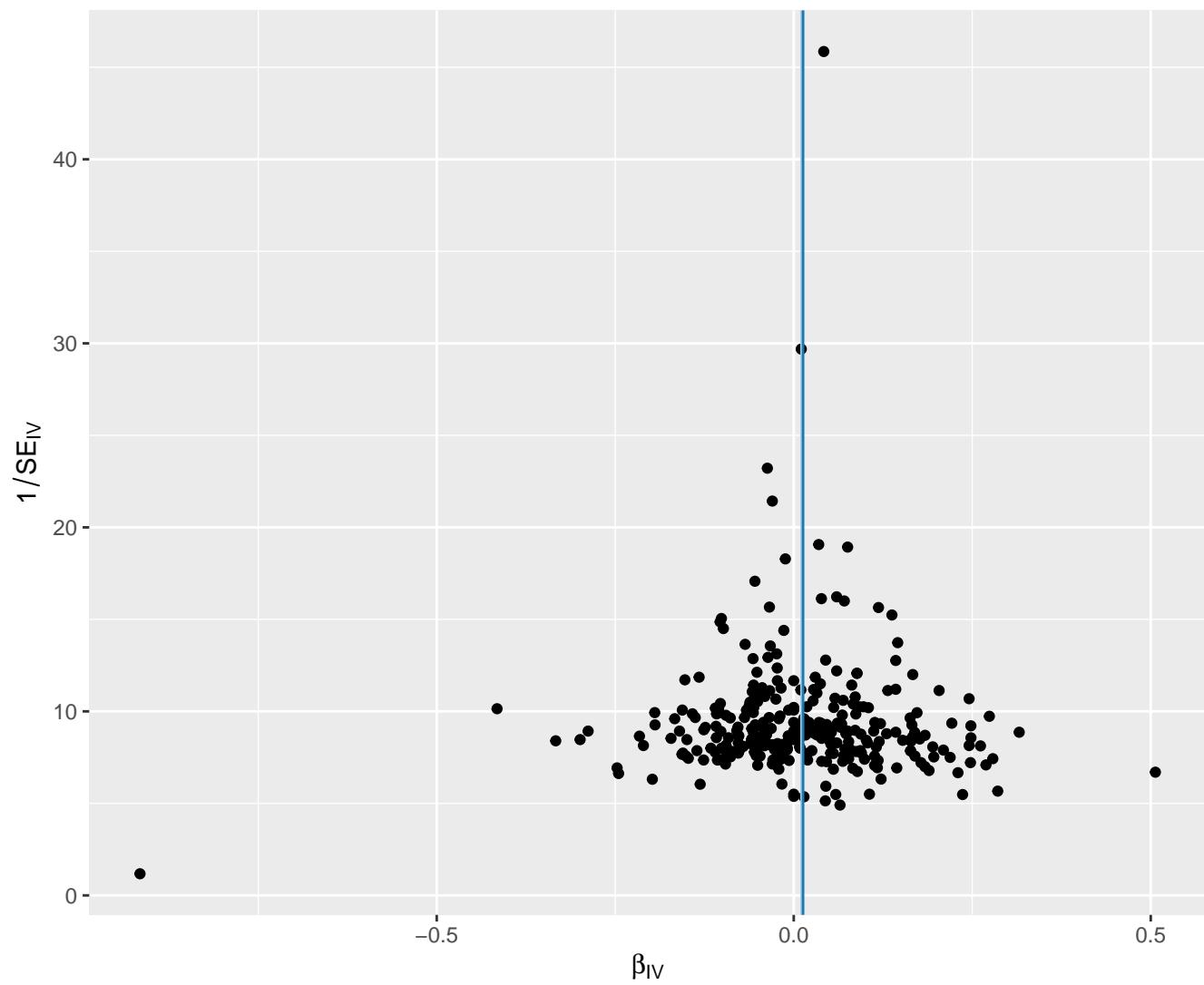


Choline

MR Method

Inverse variance weighted

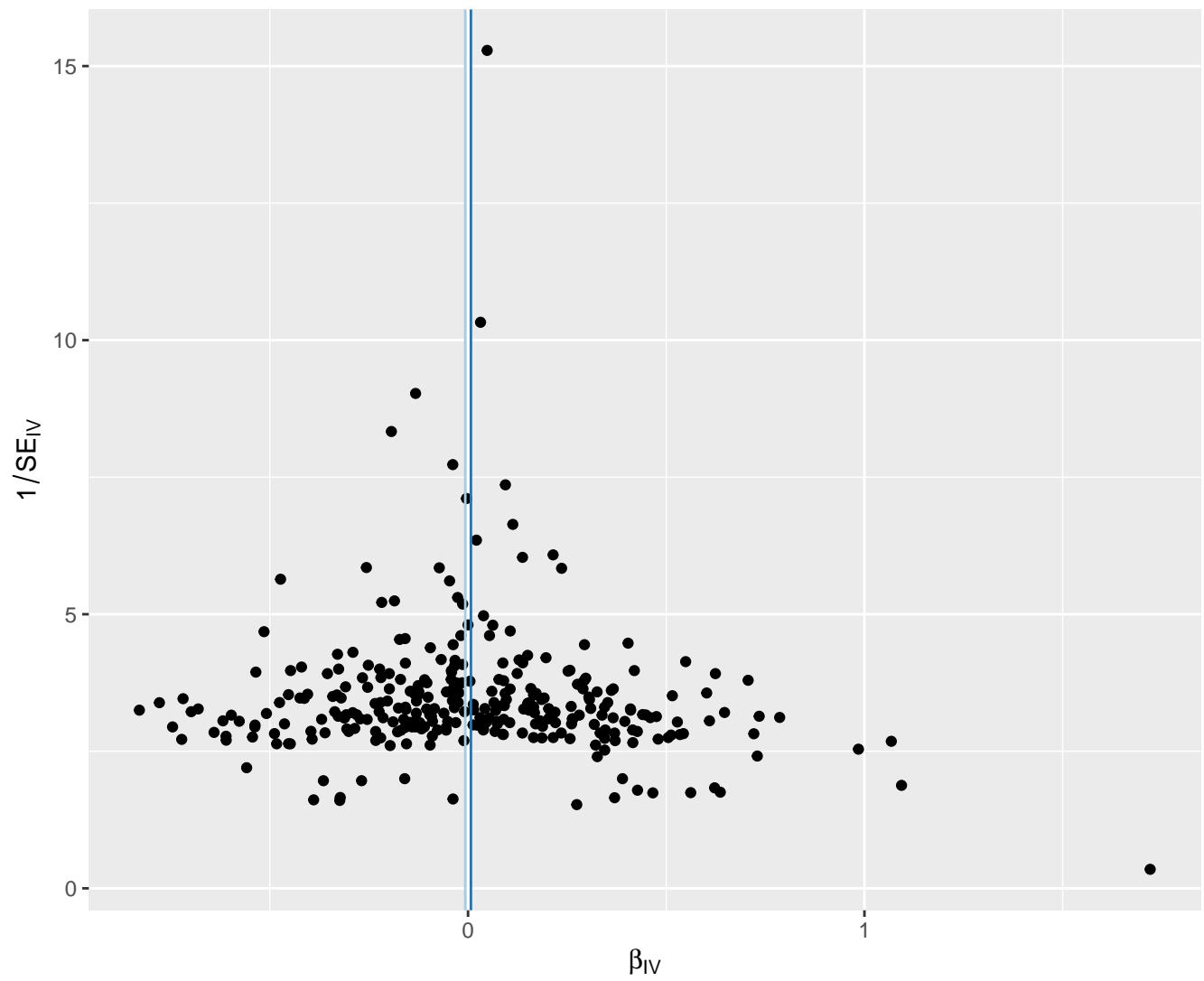
MR Egger



Cis-4-decenoyl carnitine

MR Method

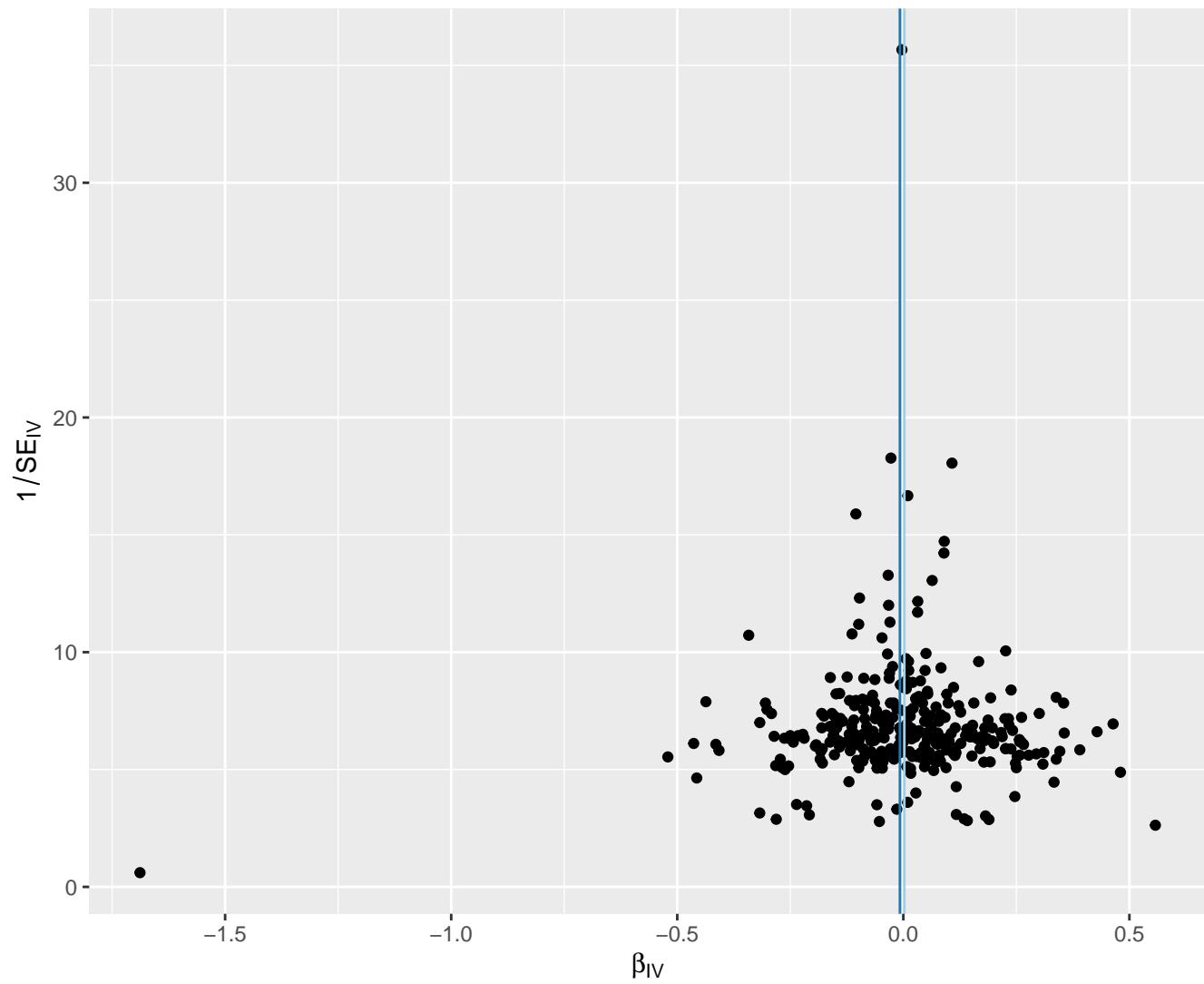
- Inverse variance weighted
- MR Egger



Citrate

MR Method

- Inverse variance weighted
- MR Egger

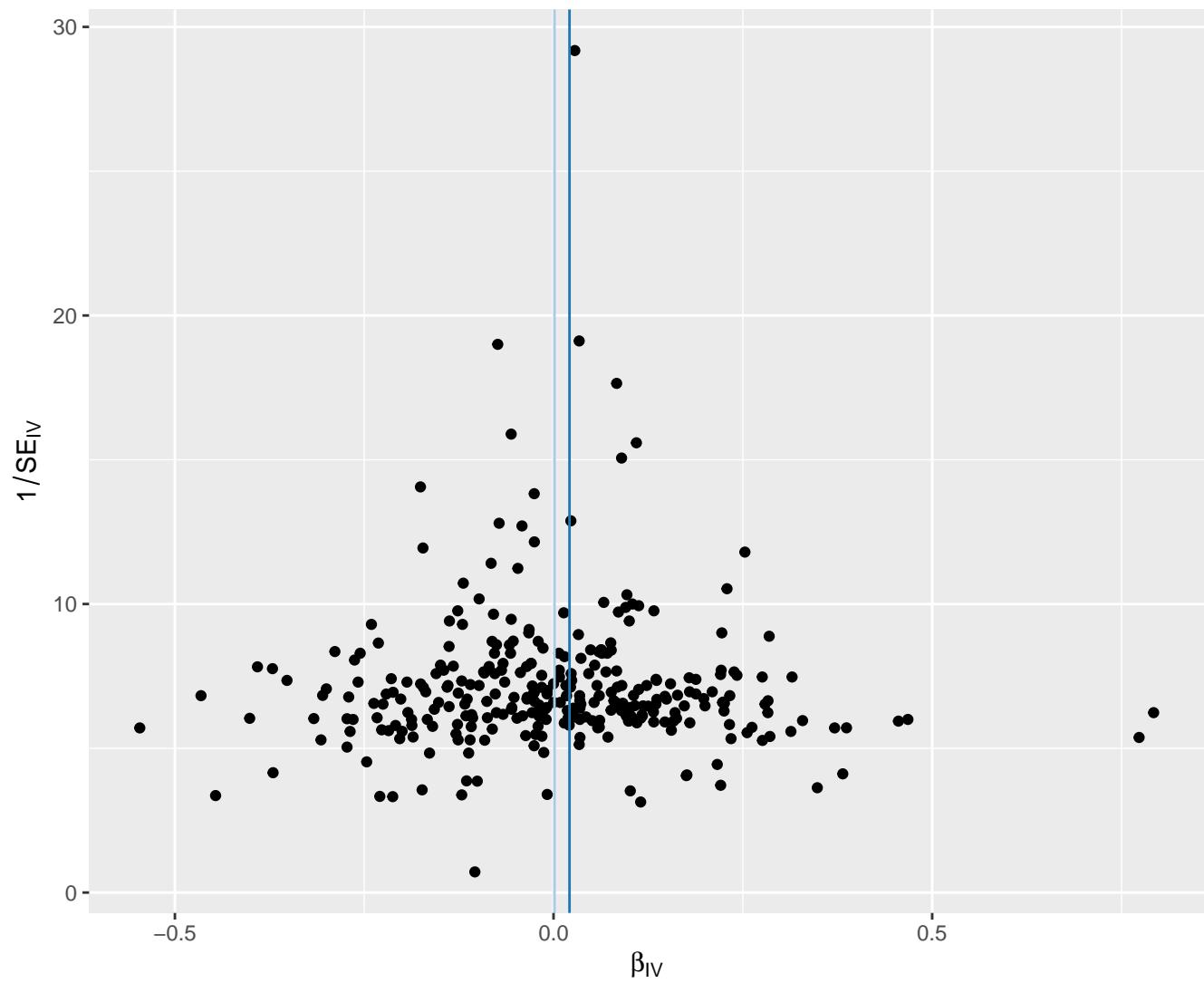


Citrulline

MR Method

Inverse variance weighted

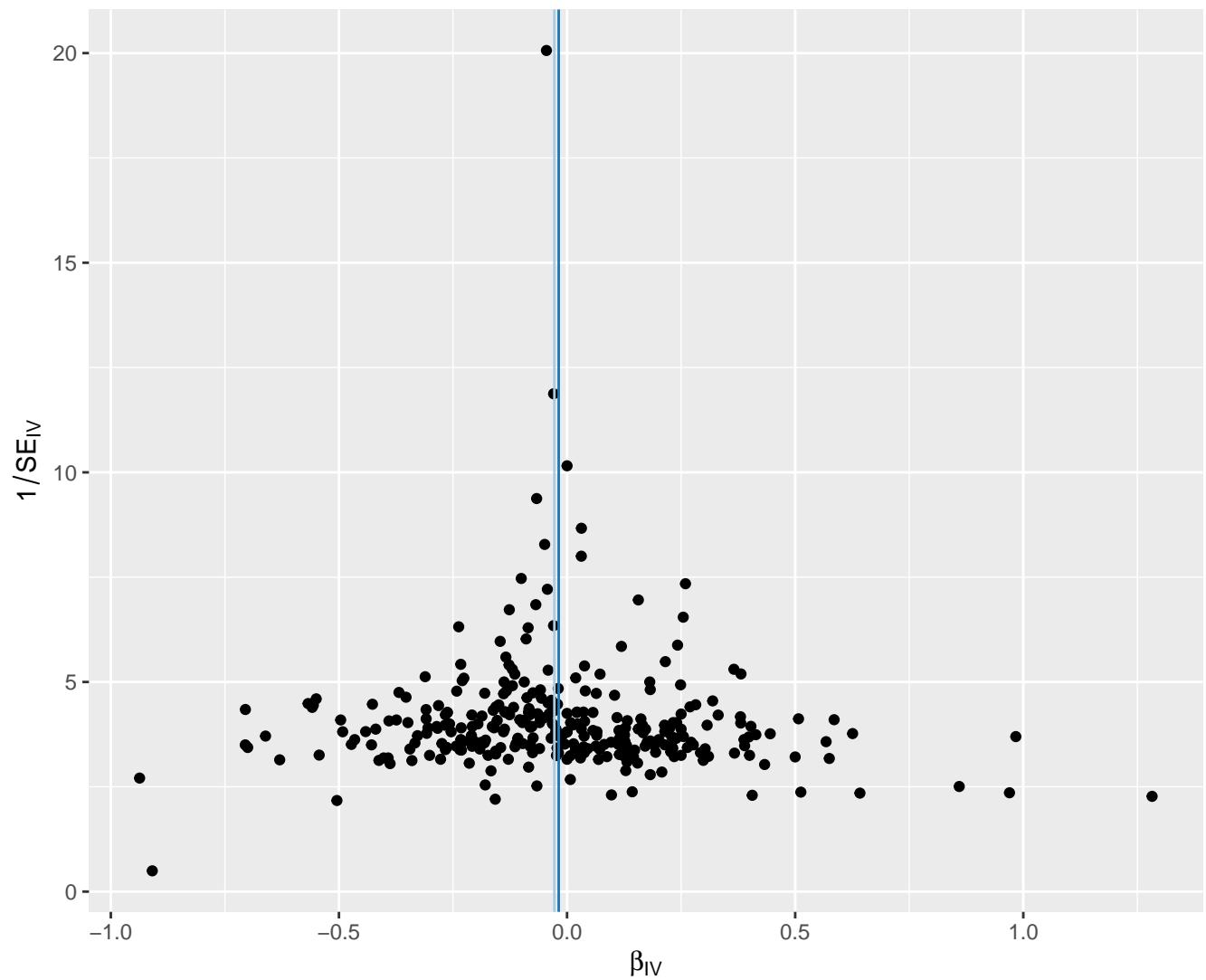
MR Egger



Cortisol

MR Method

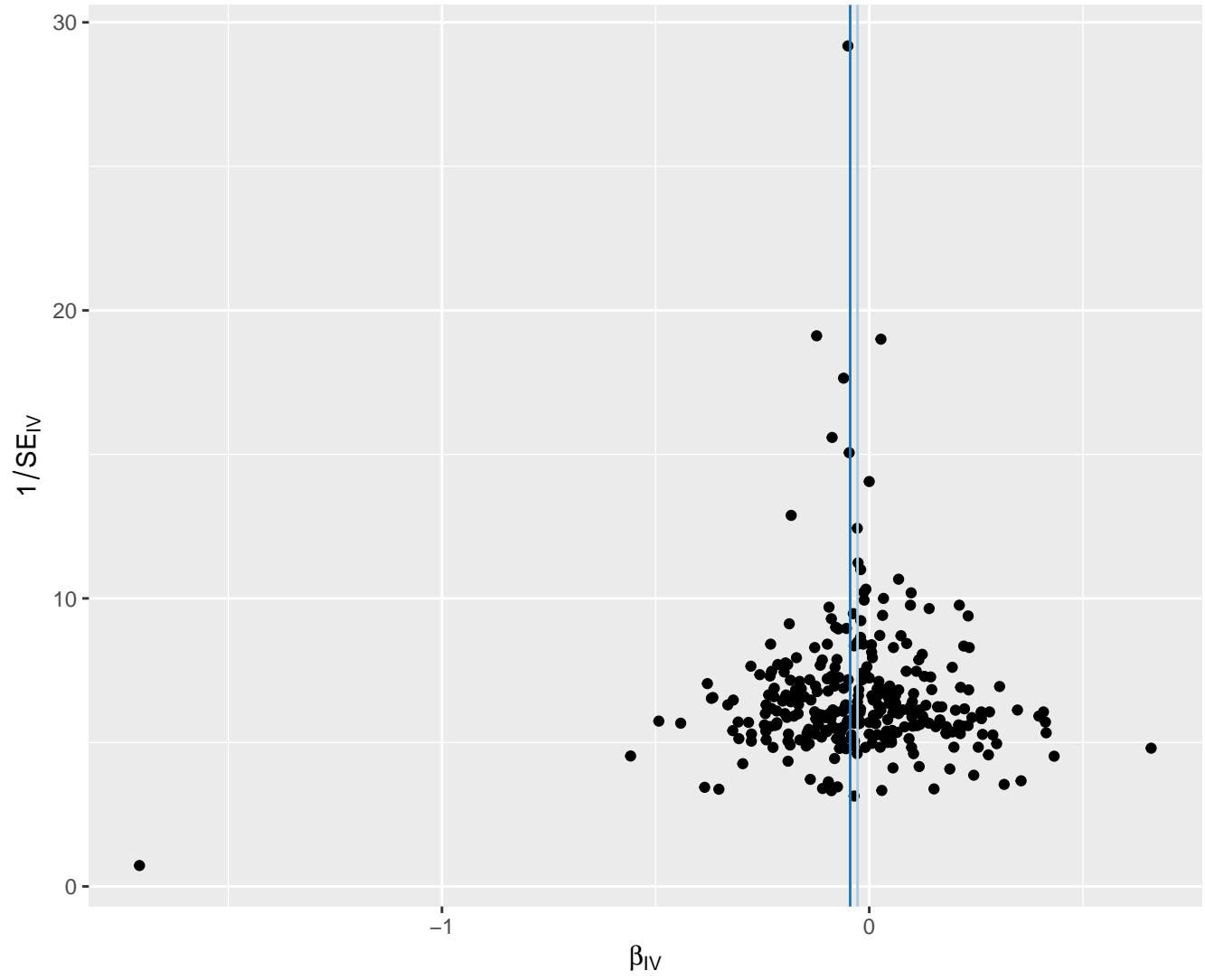
- Inverse variance weighted
- MR Egger



Cortisone

MR Method

- Inverse variance weighted
- MR Egger

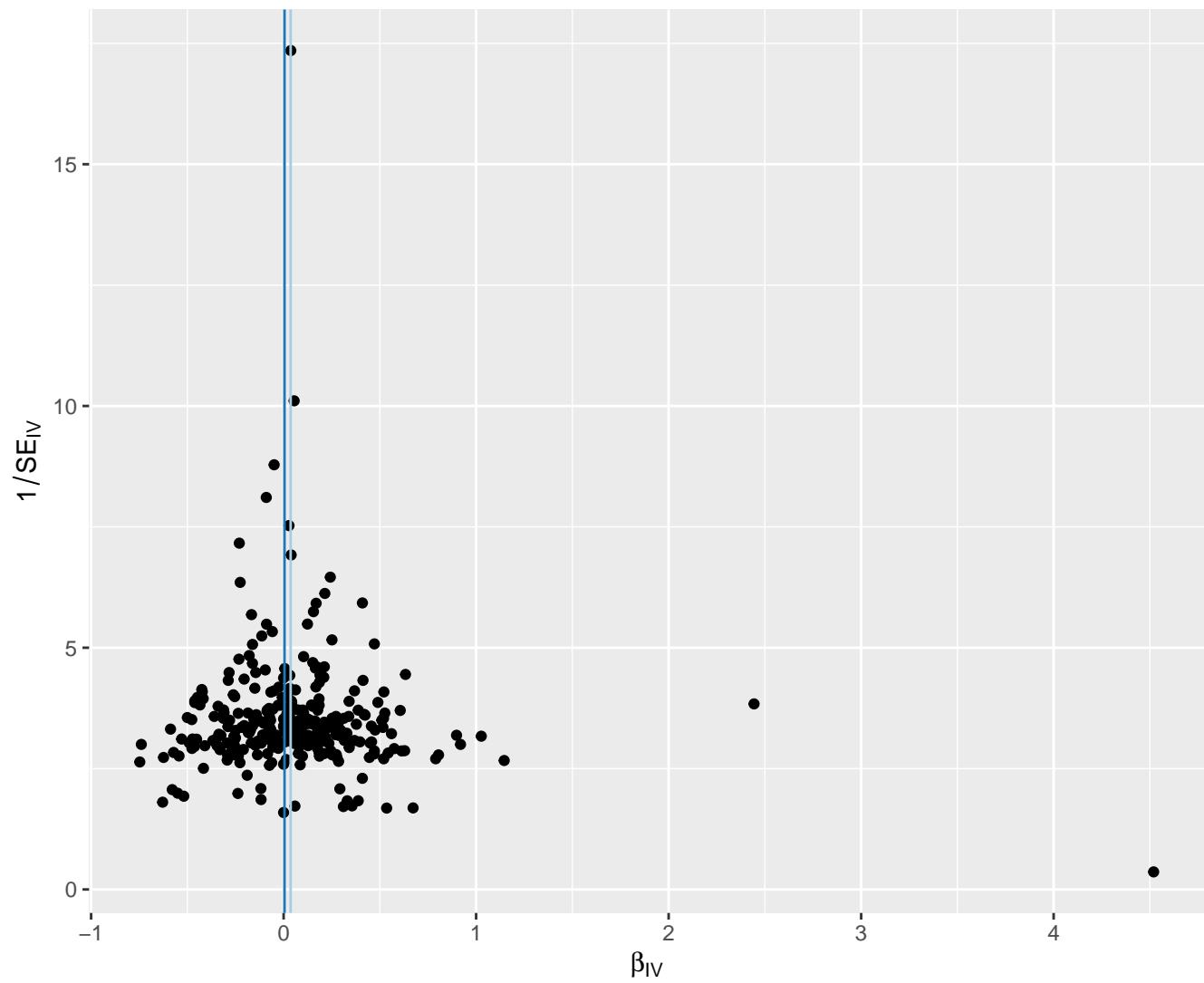


Creatine

MR Method

Inverse variance weighted

MR Egger

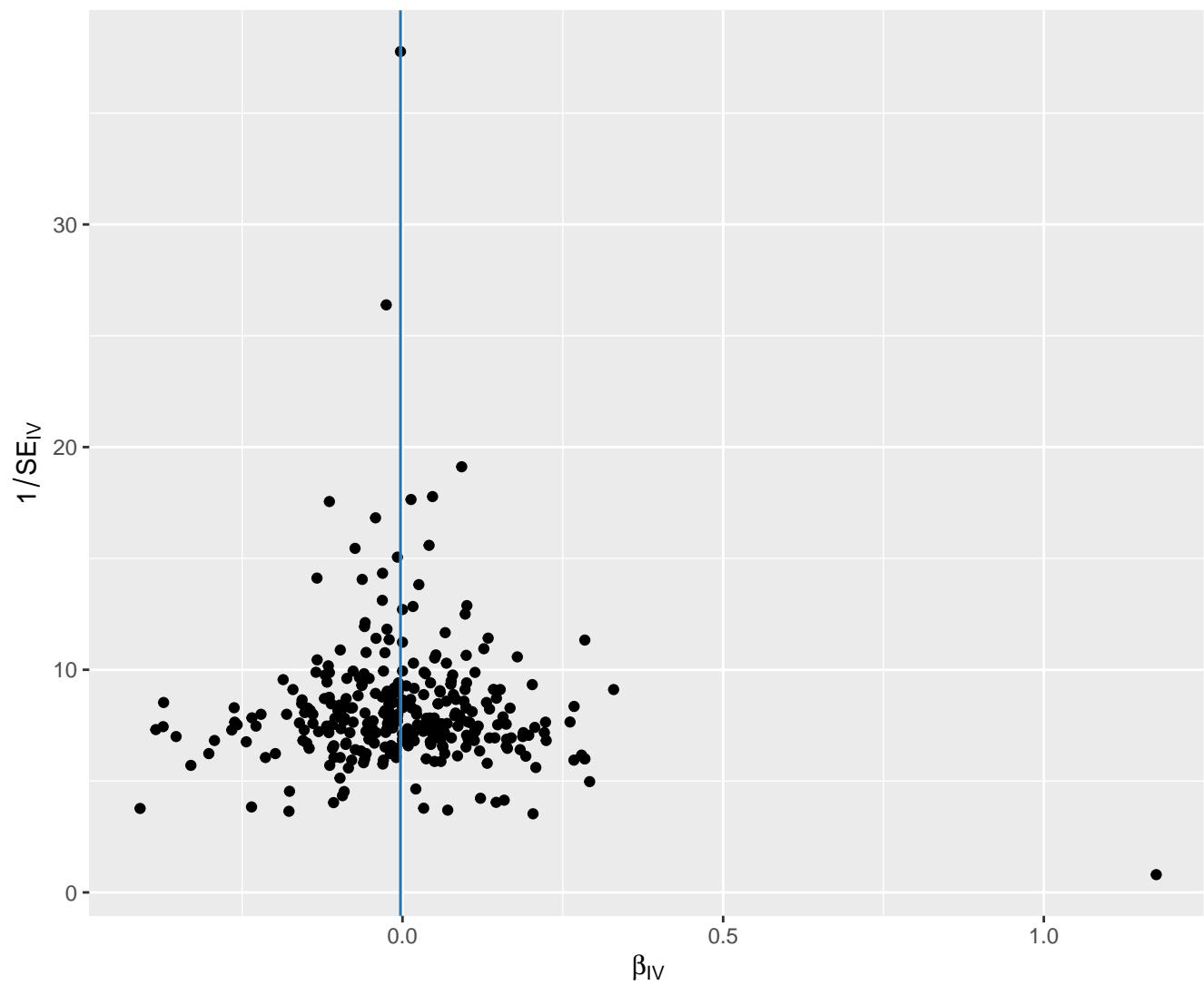


Creatinine

MR Method

Inverse variance weighted

MR Egger

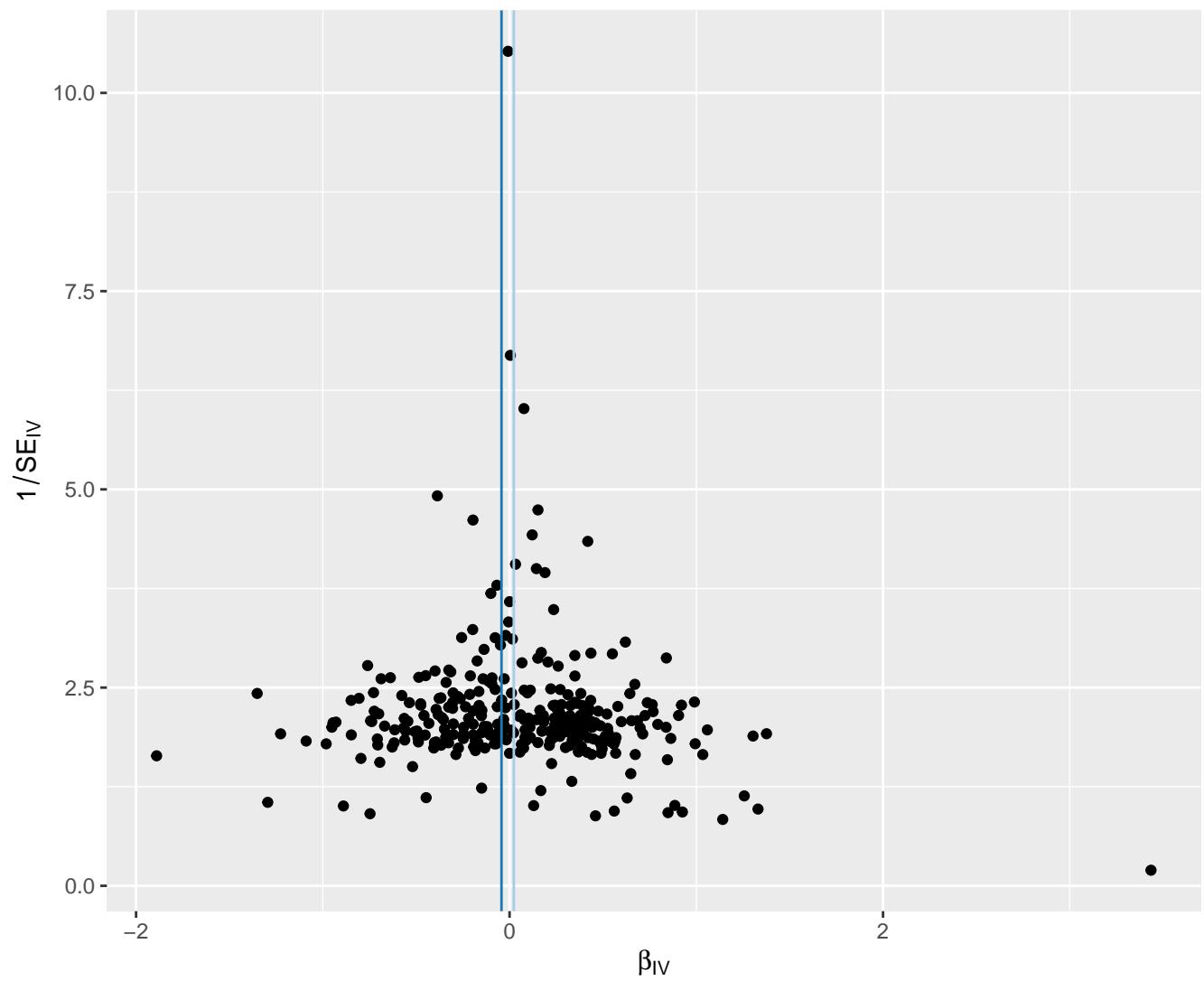


Cyclo(leu–pro)

MR Method

Inverse variance weighted

MR Egger

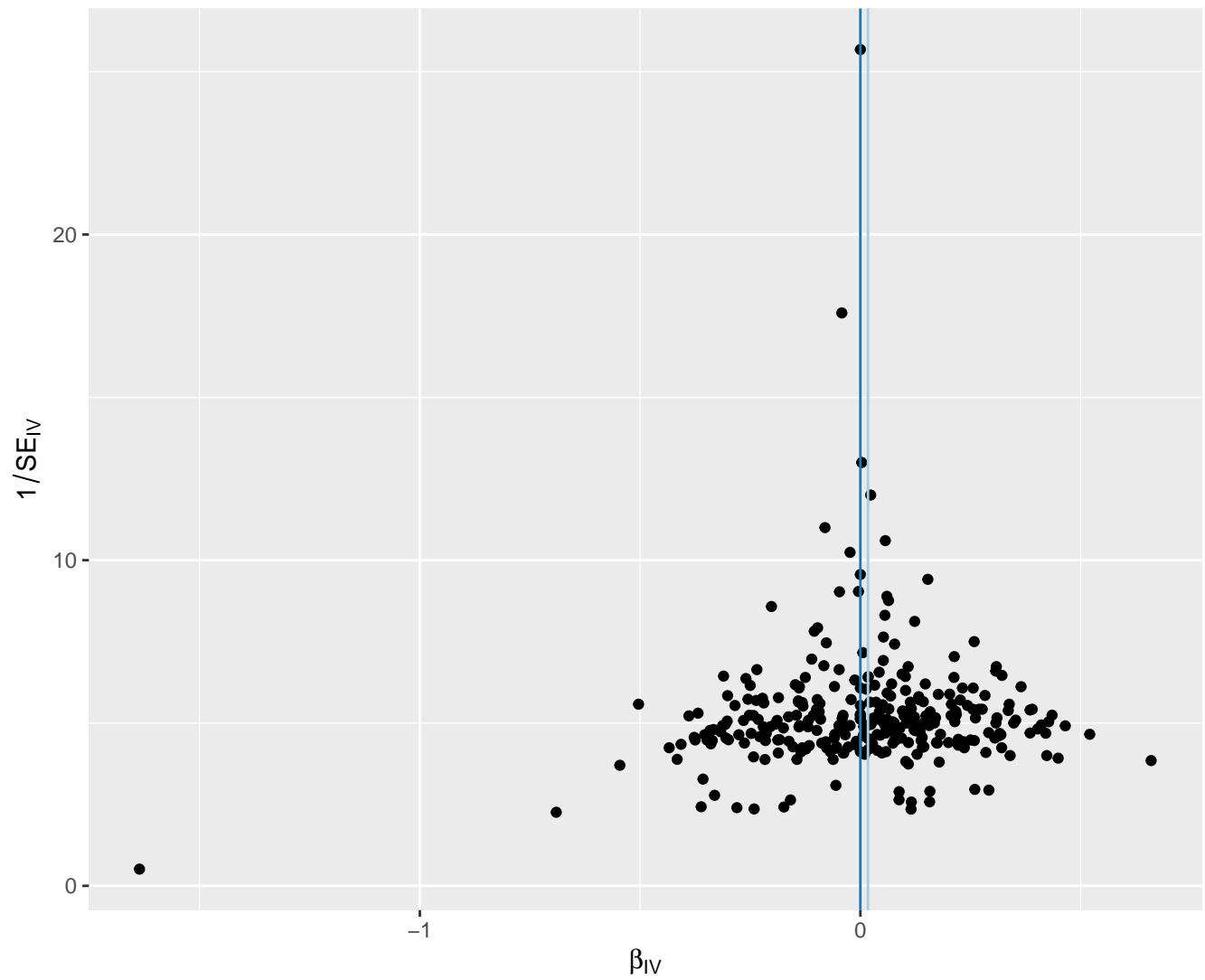


Cysteine

MR Method

Inverse variance weighted

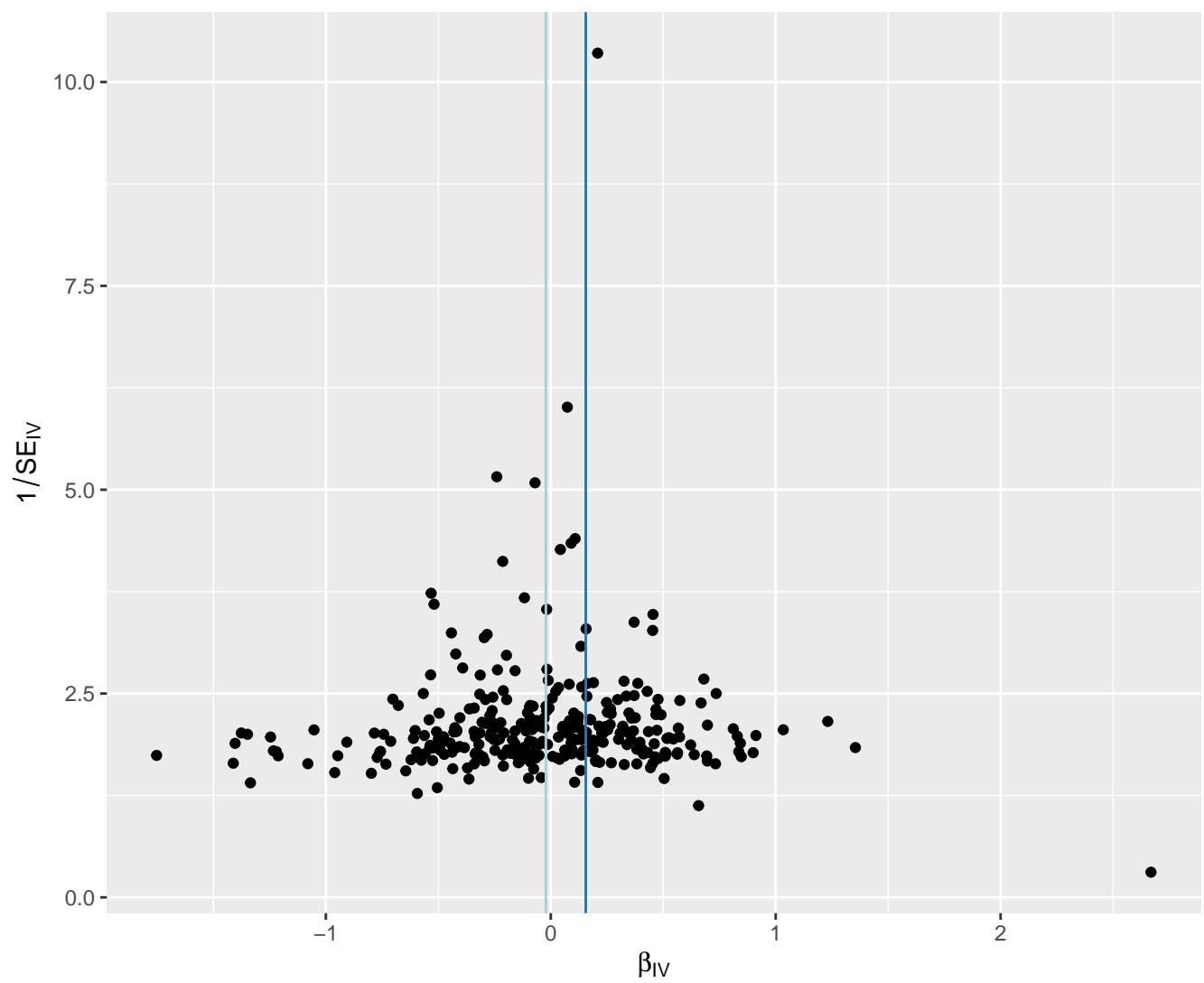
MR Egger



Cysteine–glutathione disulfide

MR Method

- Light blue Inverse variance weighted
- Dark blue MR Egger

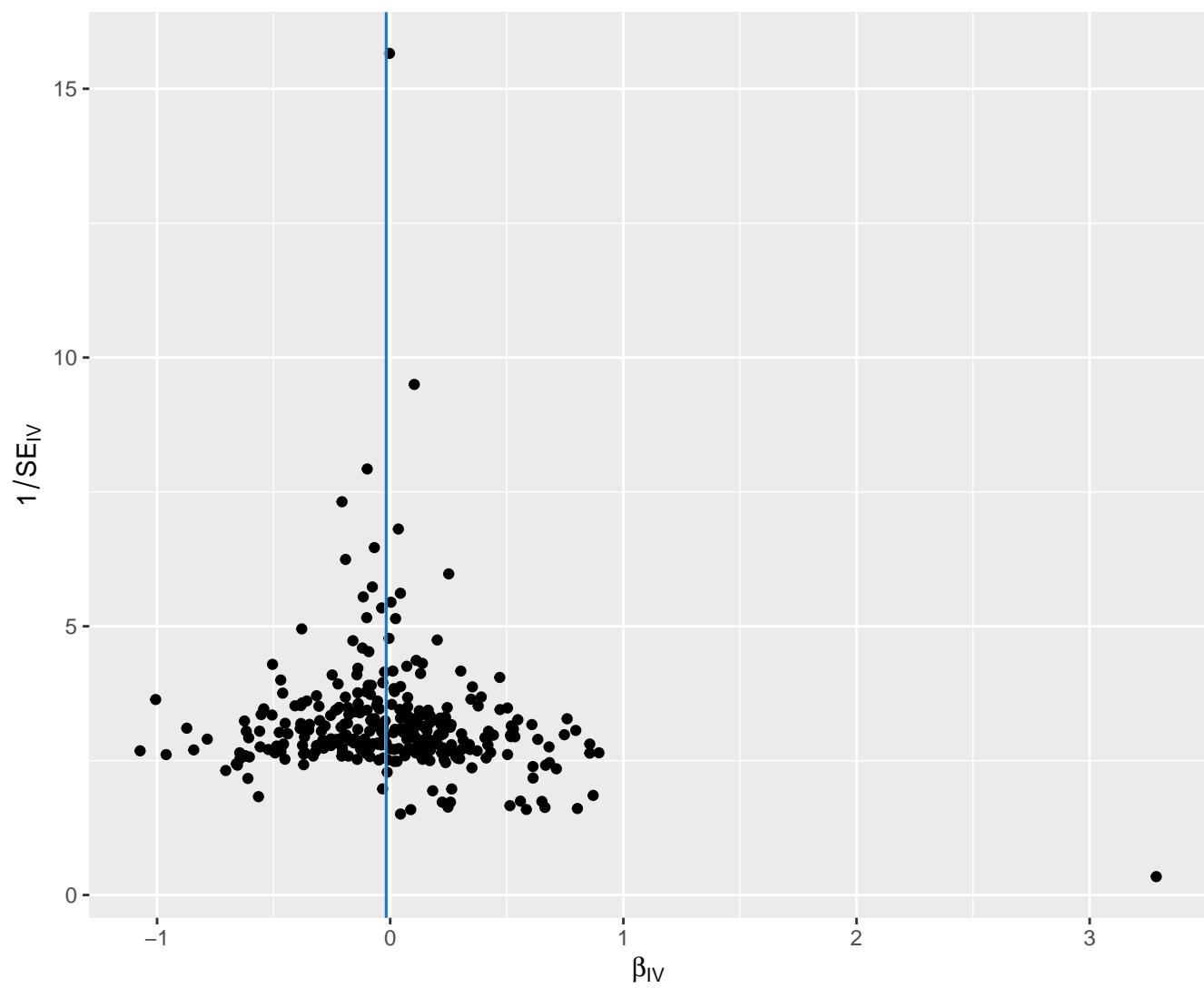


Decanoylcarnitine

MR Method

Inverse variance weighted

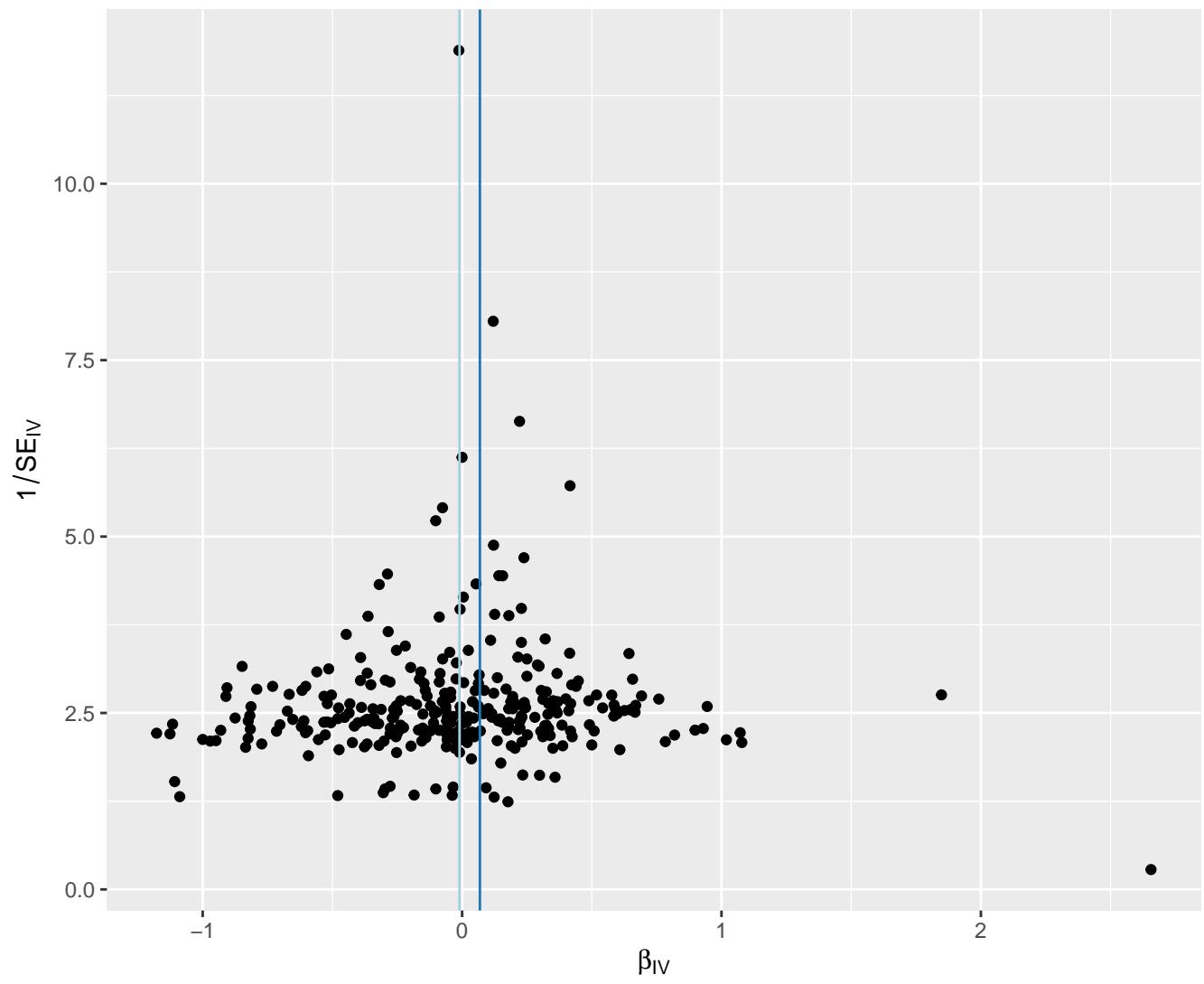
MR Egger



Dehydroisoandrosterone sulfate (DHEA-S)

MR Method

- Inverse variance weighted
- MR Egger

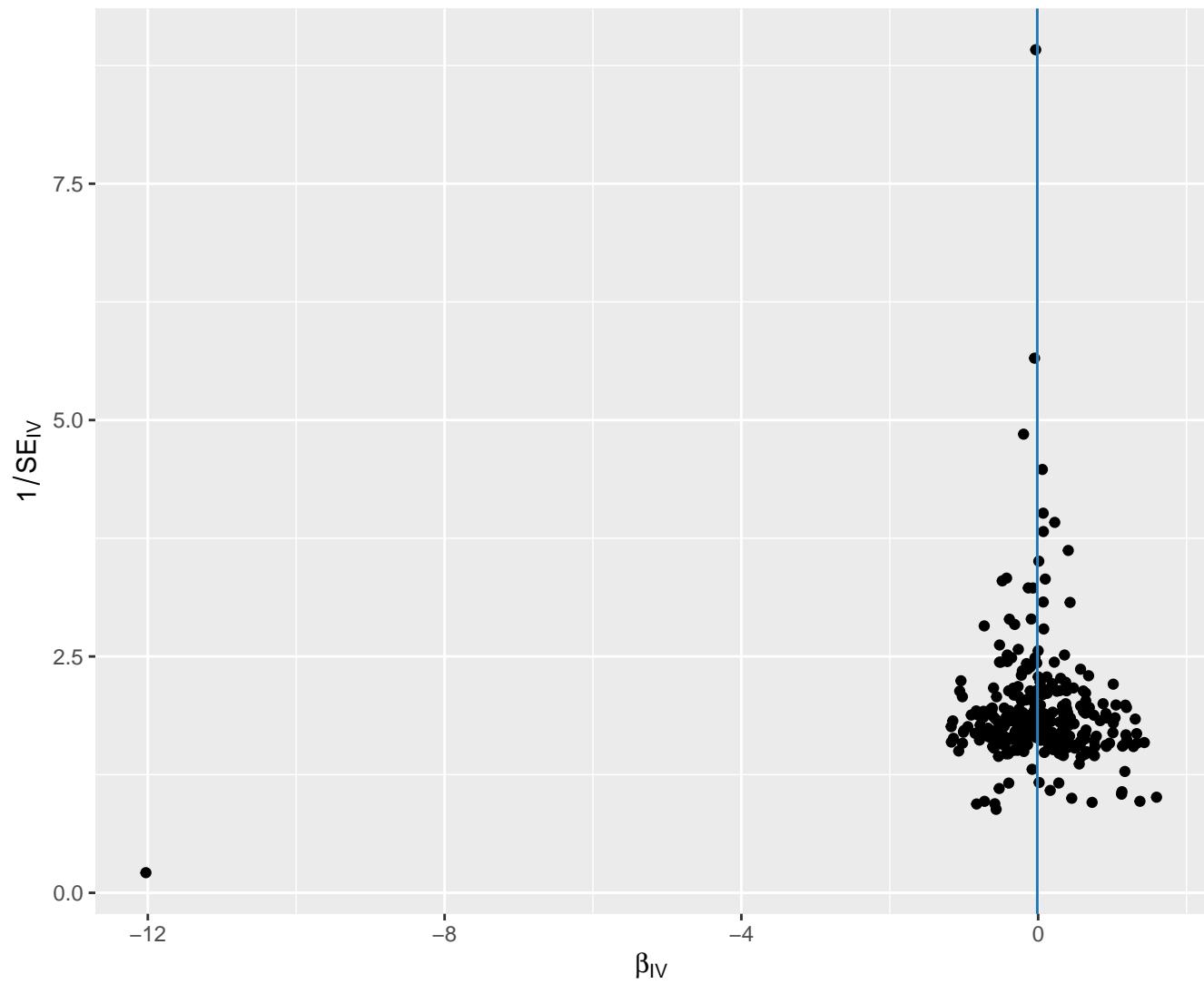


Deoxycholate

MR Method

Inverse variance weighted

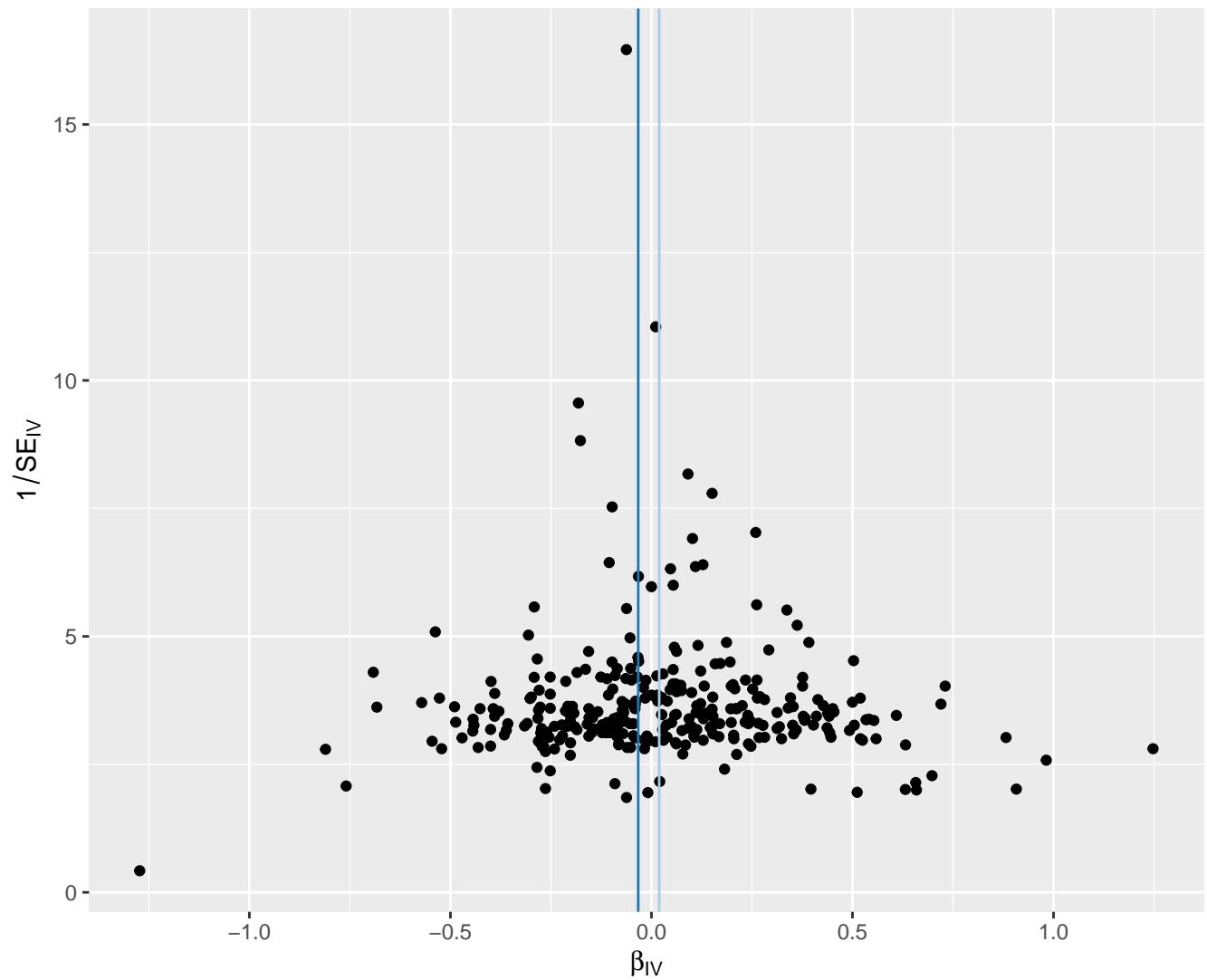
MR Egger



Dihomo-linoleate (20:2n6)

MR Method

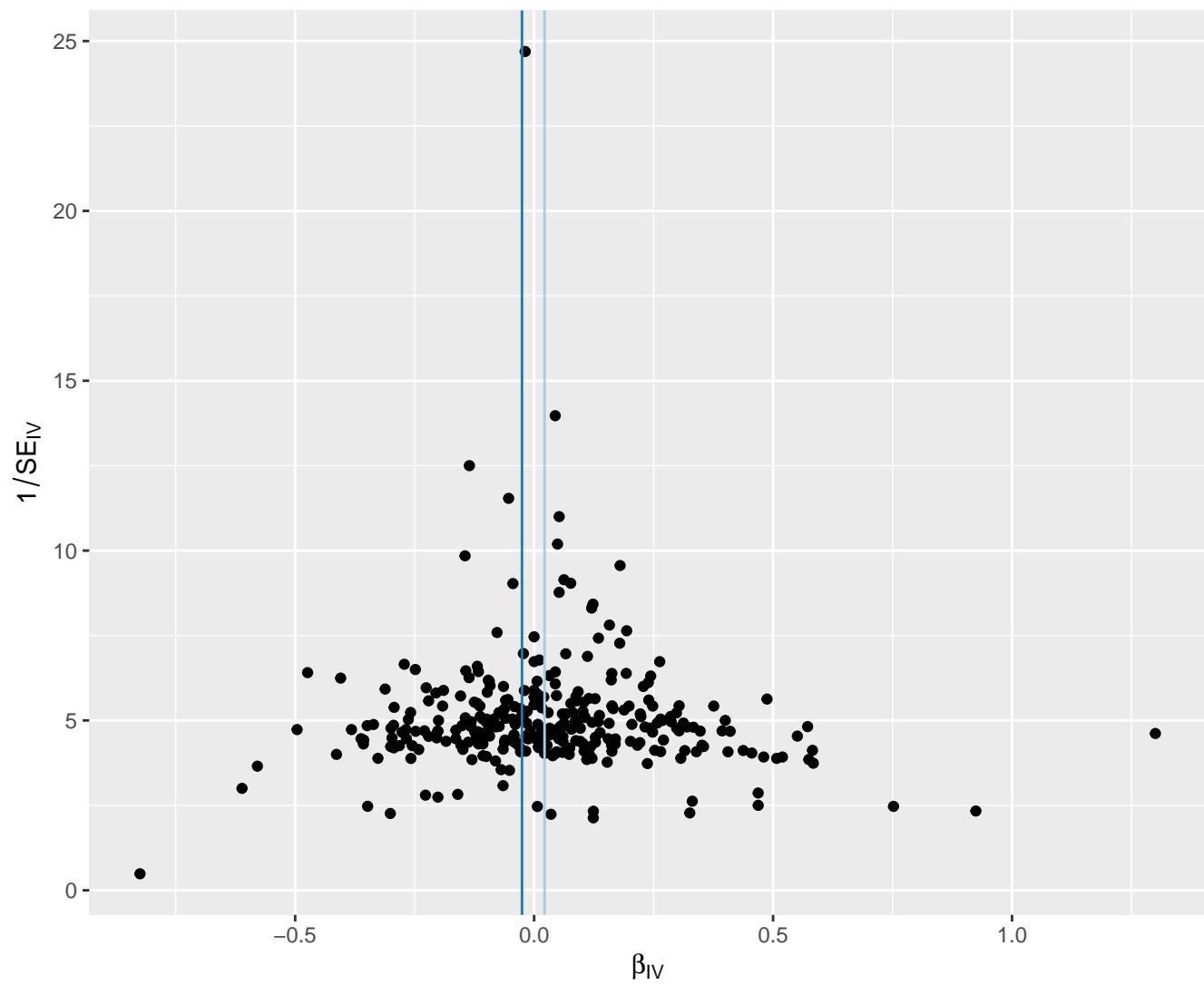
- Inverse variance weighted
- MR Egger



Dihomo-linolenate (20:3n3 or n6)

MR Method

- Inverse variance weighted
- MR Egger

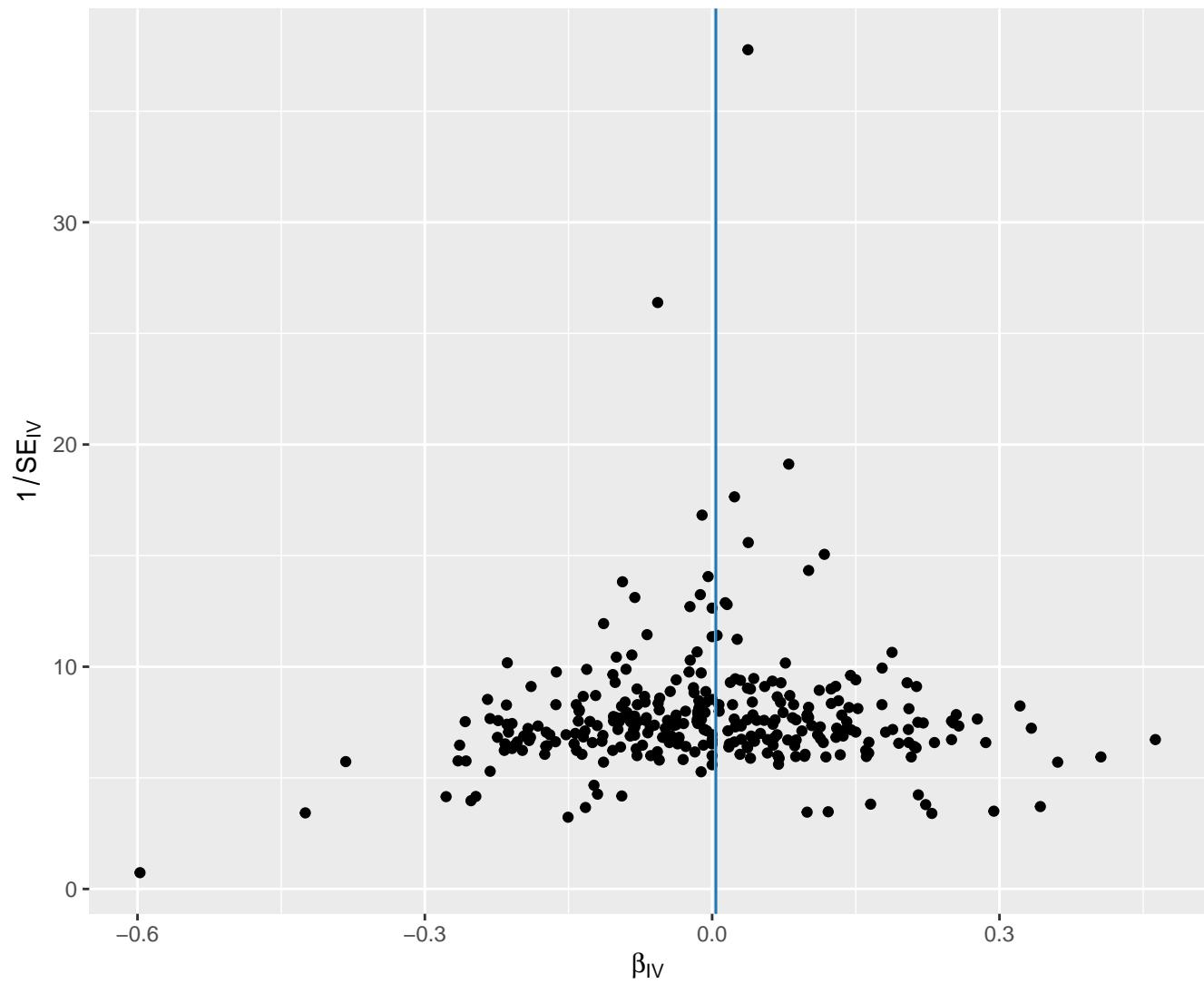


Dimethylarginine (SDMA + ADMA)

MR Method

Inverse variance weighted

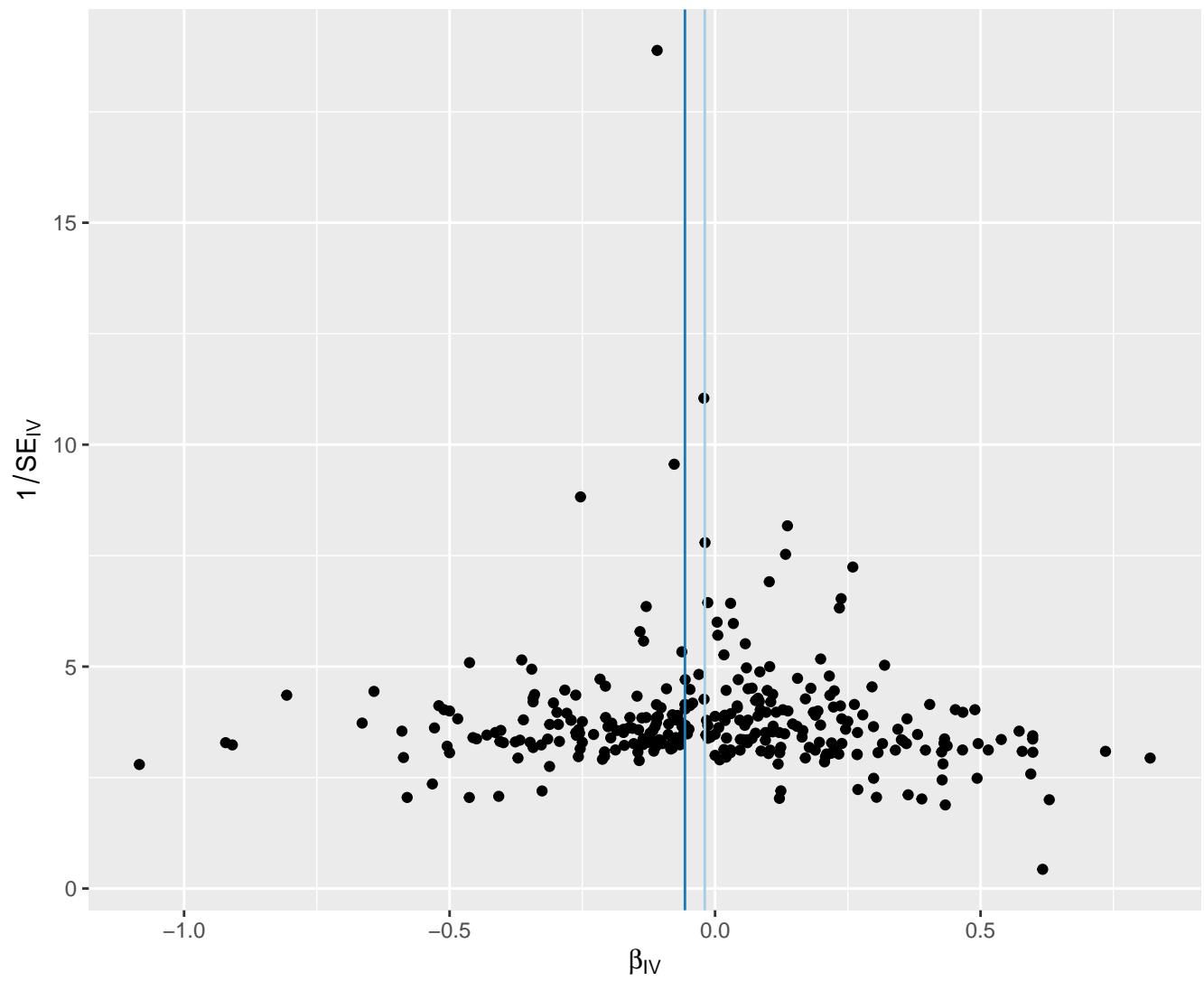
MR Egger



Docosahexaenoate (DHA; 22:6n3)

MR Method

- Inverse variance weighted
- MR Egger

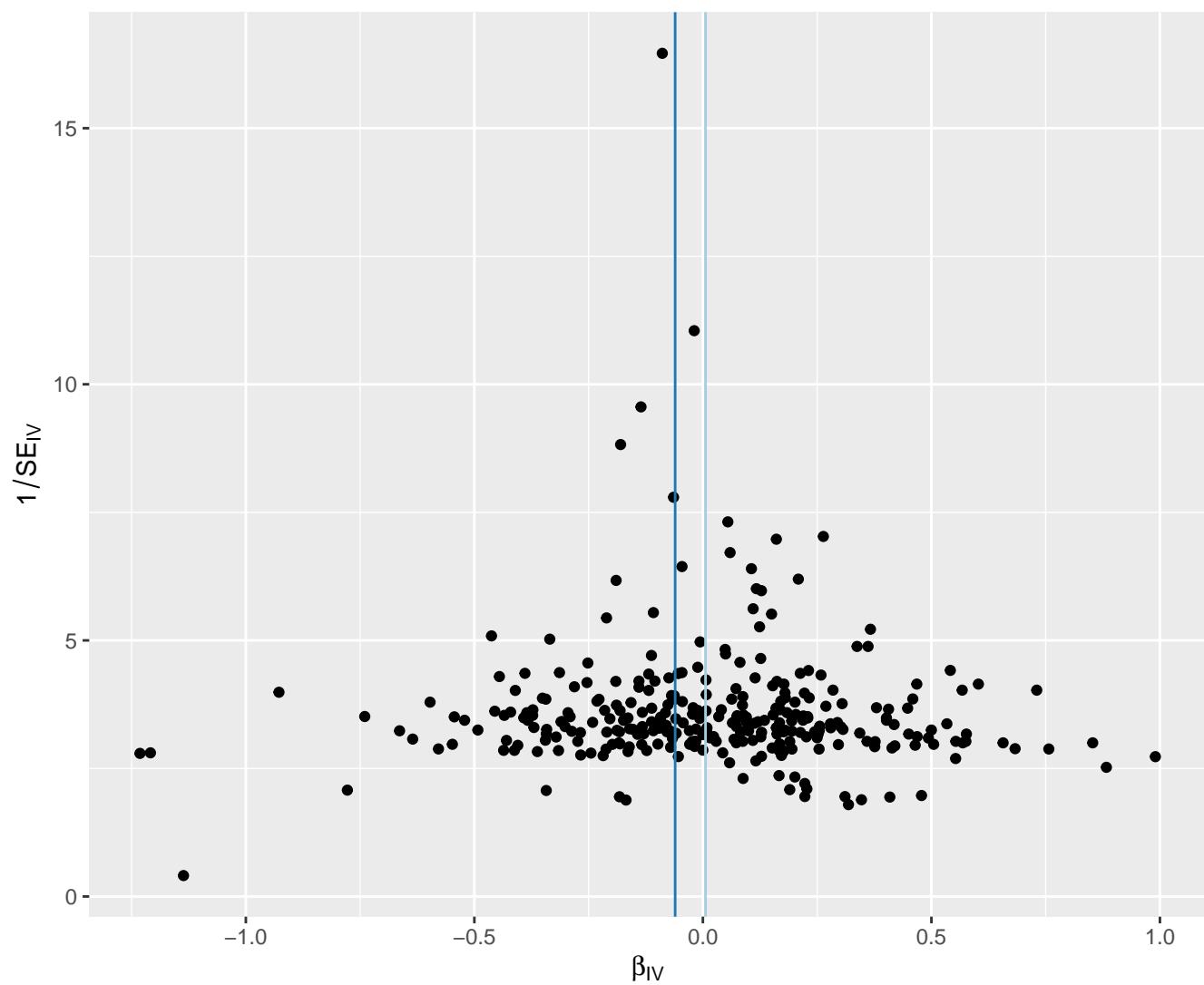


Docosapentaenoate (n3 DPA; 22:5n3)

MR Method

Inverse variance weighted

MR Egger

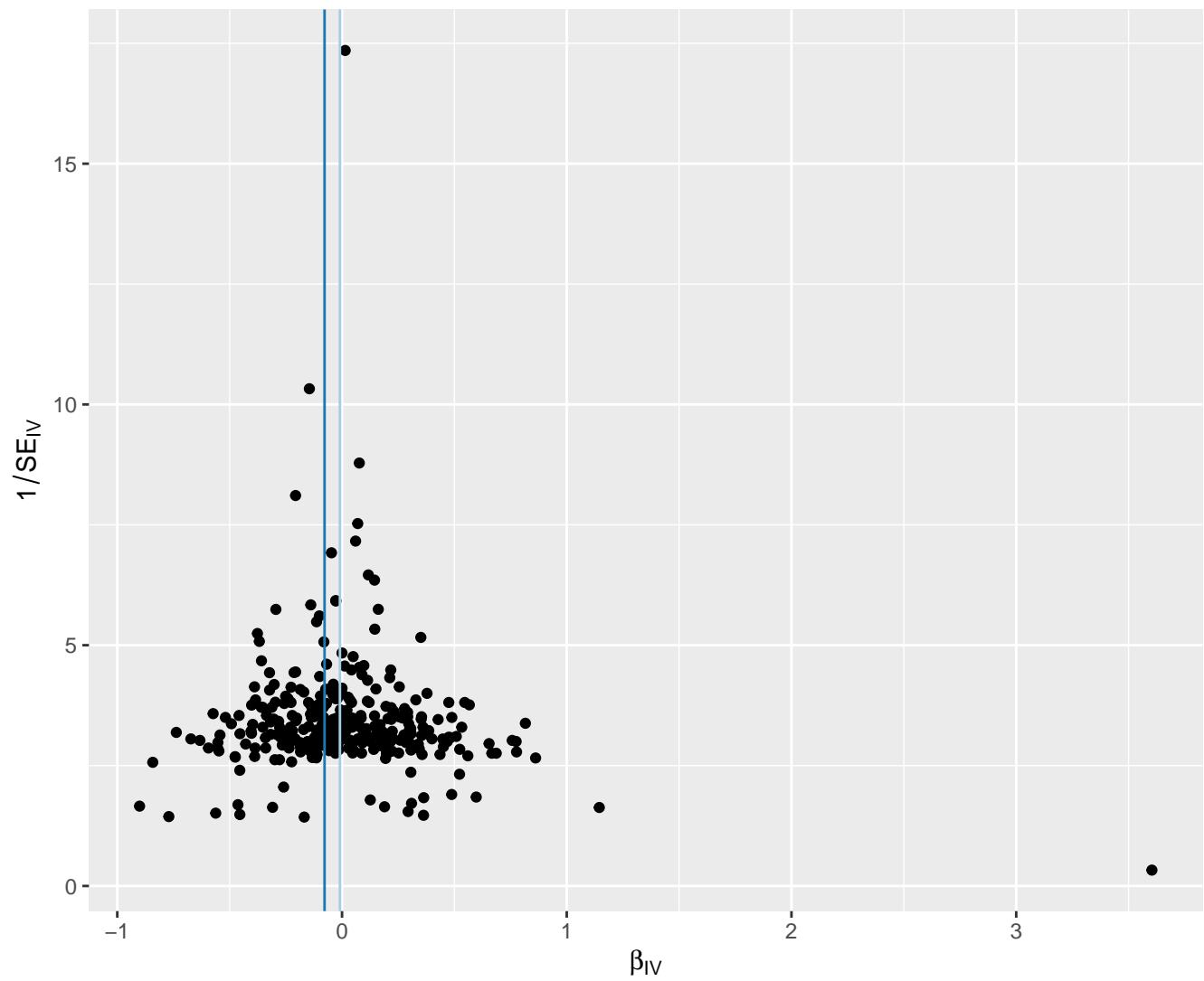


Dodecanedioate

MR Method

Inverse variance weighted

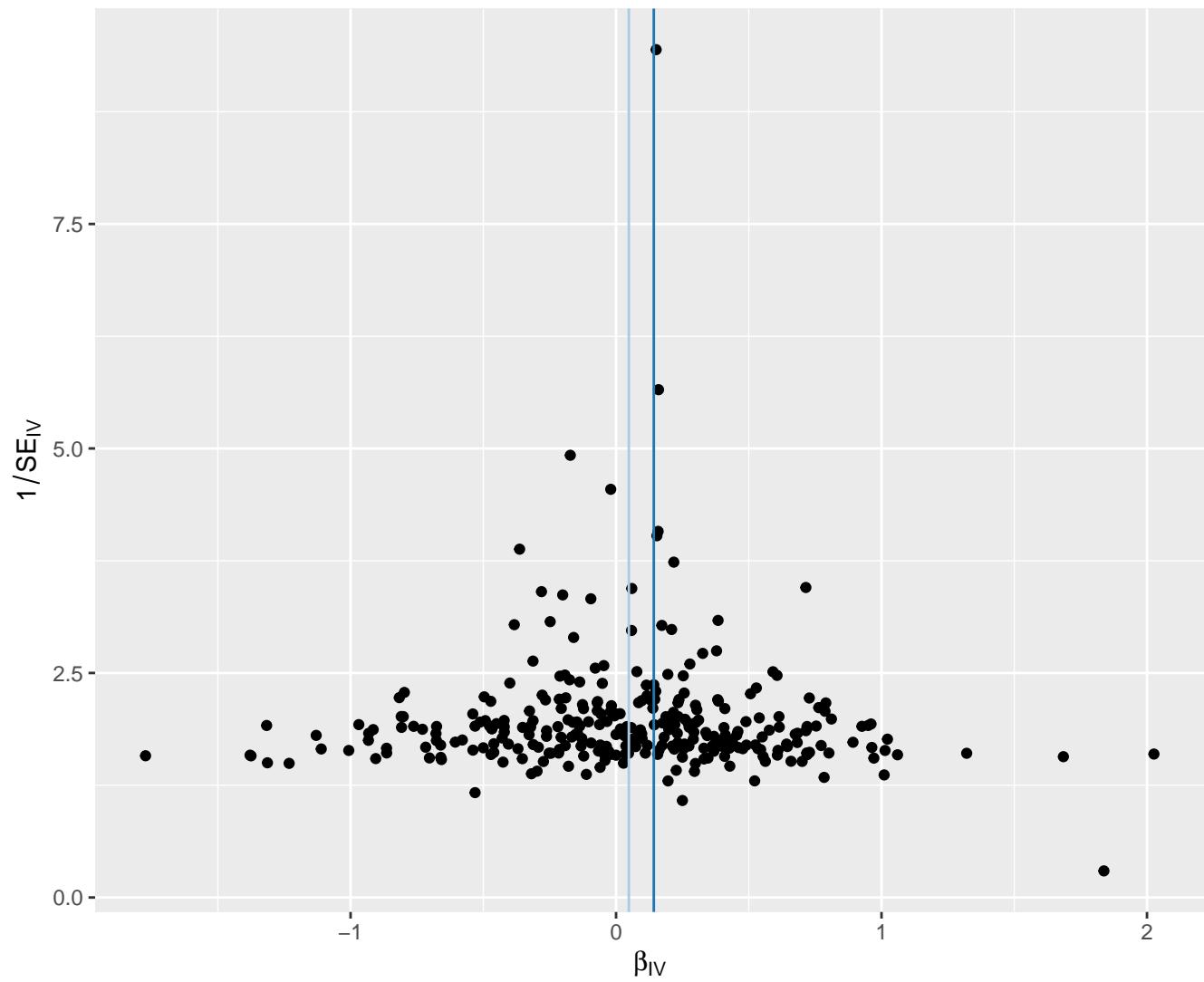
MR Egger



DSGEGDFXAEGGGVR*

MR Method

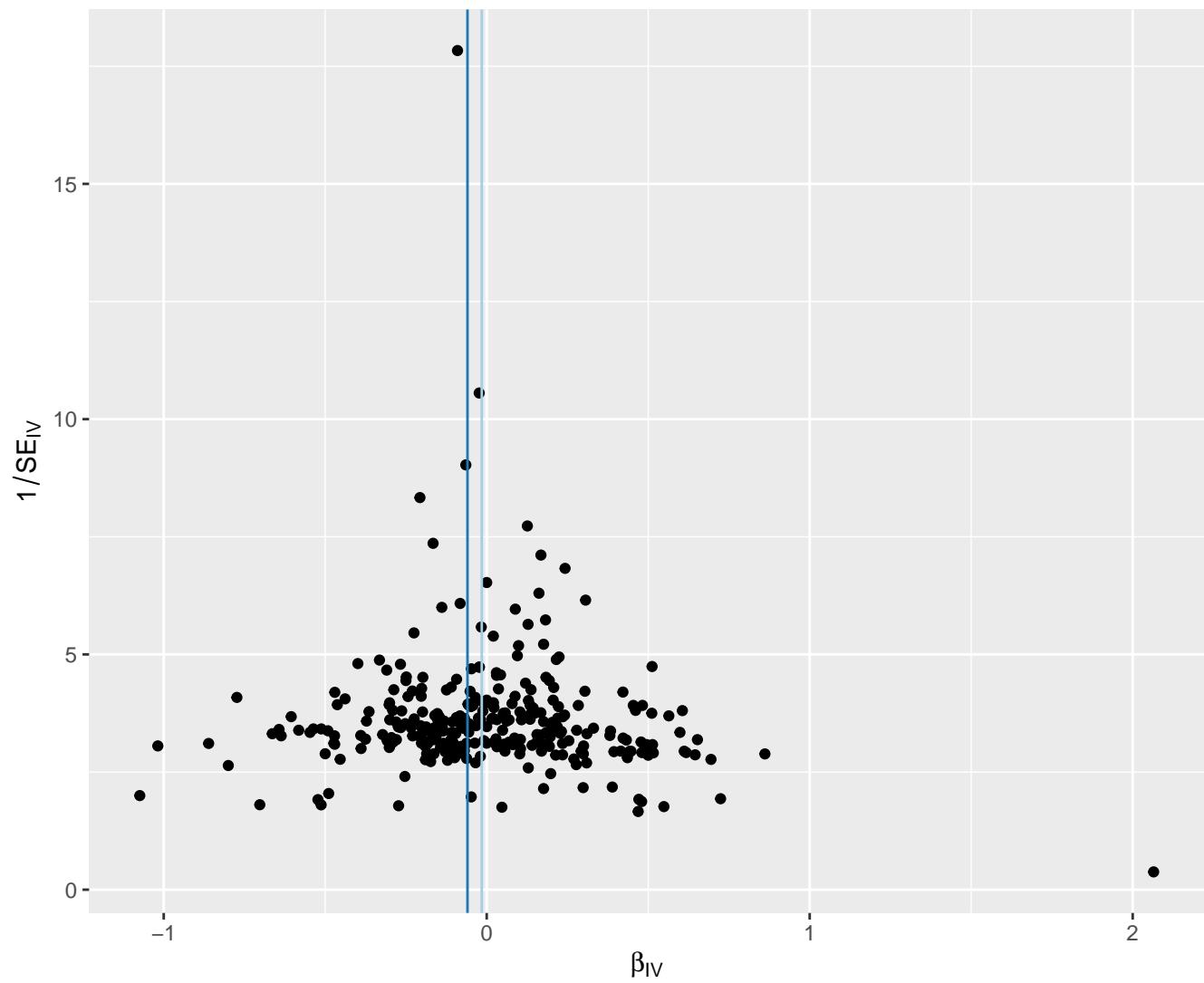
- Inverse variance weighted
- MR Egger



Eicosapentaenoate (EPA; 20:5n3)

MR Method

- Inverse variance weighted
- MR Egger

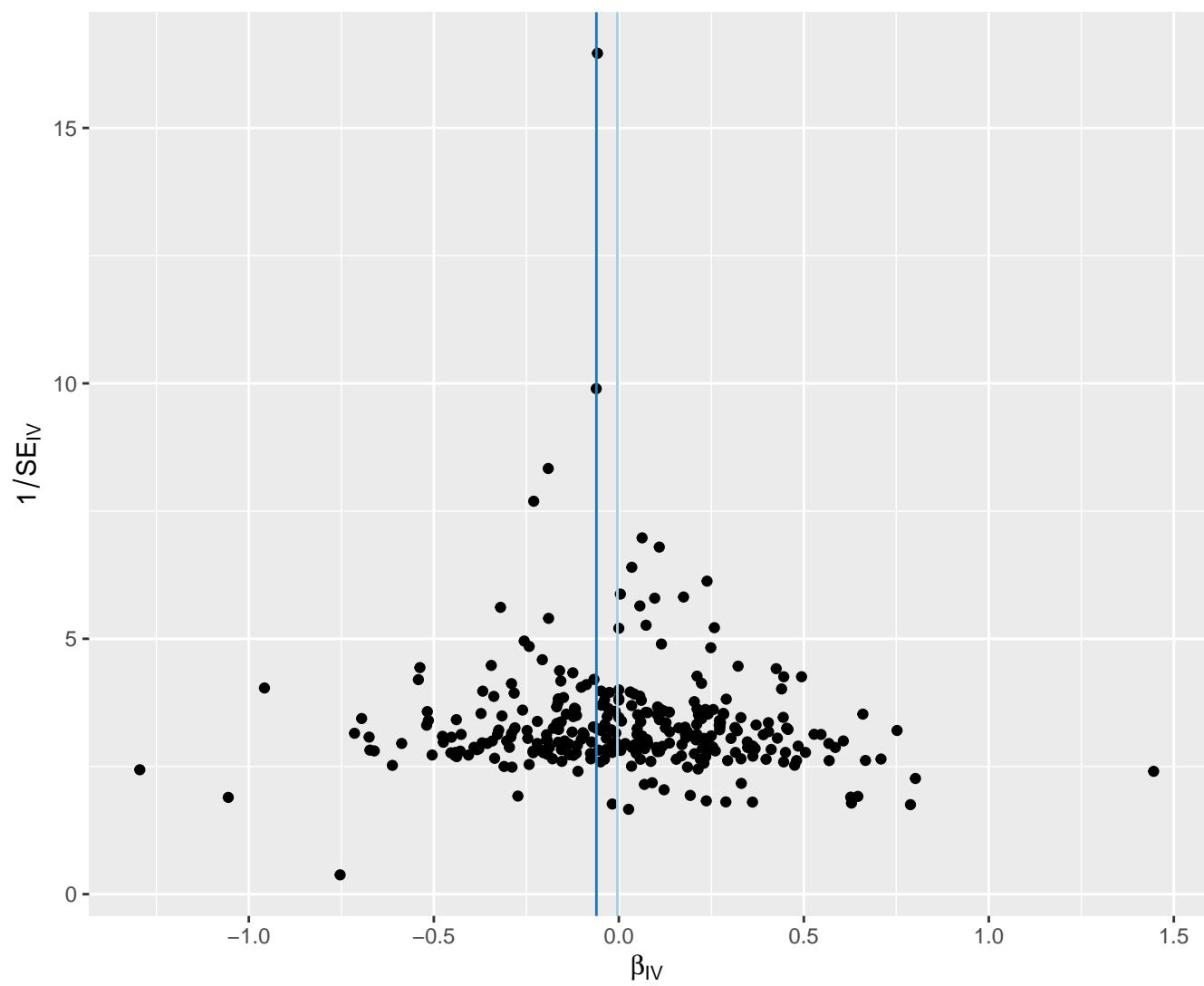


Eicosenoate (20:1n9 or 11)

MR Method

Inverse variance weighted

MR Egger

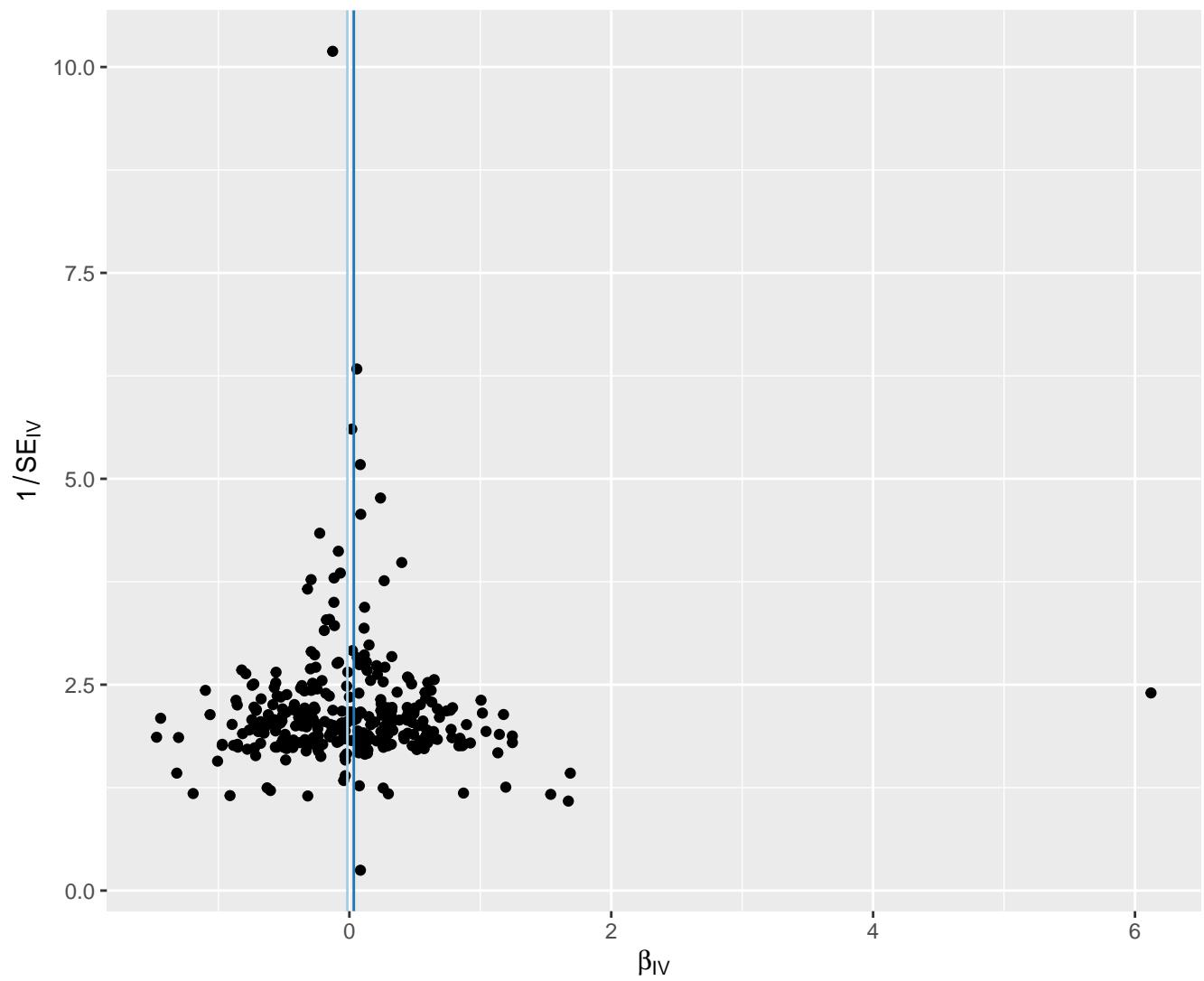


Epiandrosterone sulfate

MR Method

 Inverse variance weighted

 MR Egger

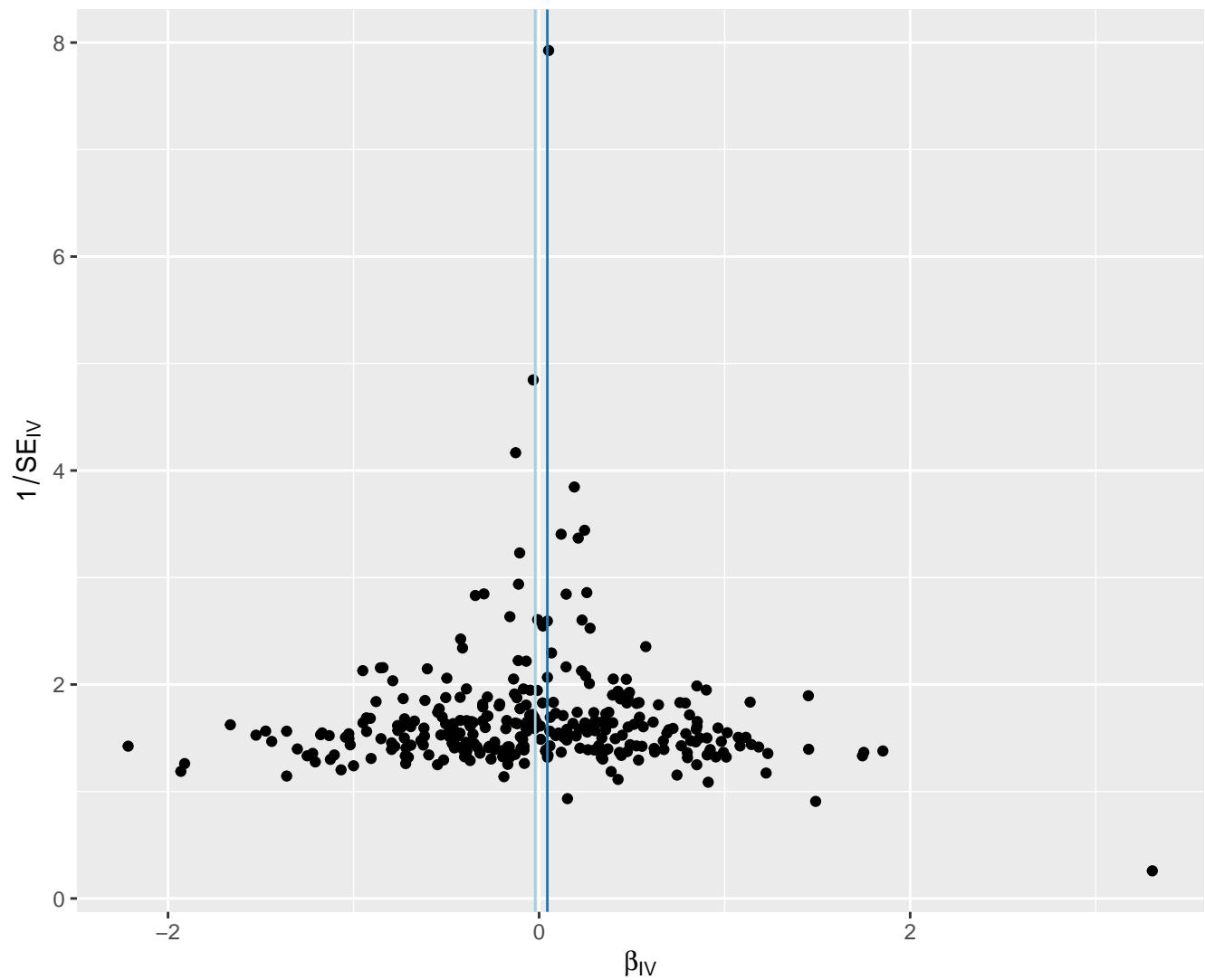


Ergothioneine

MR Method

Inverse variance weighted

MR Egger

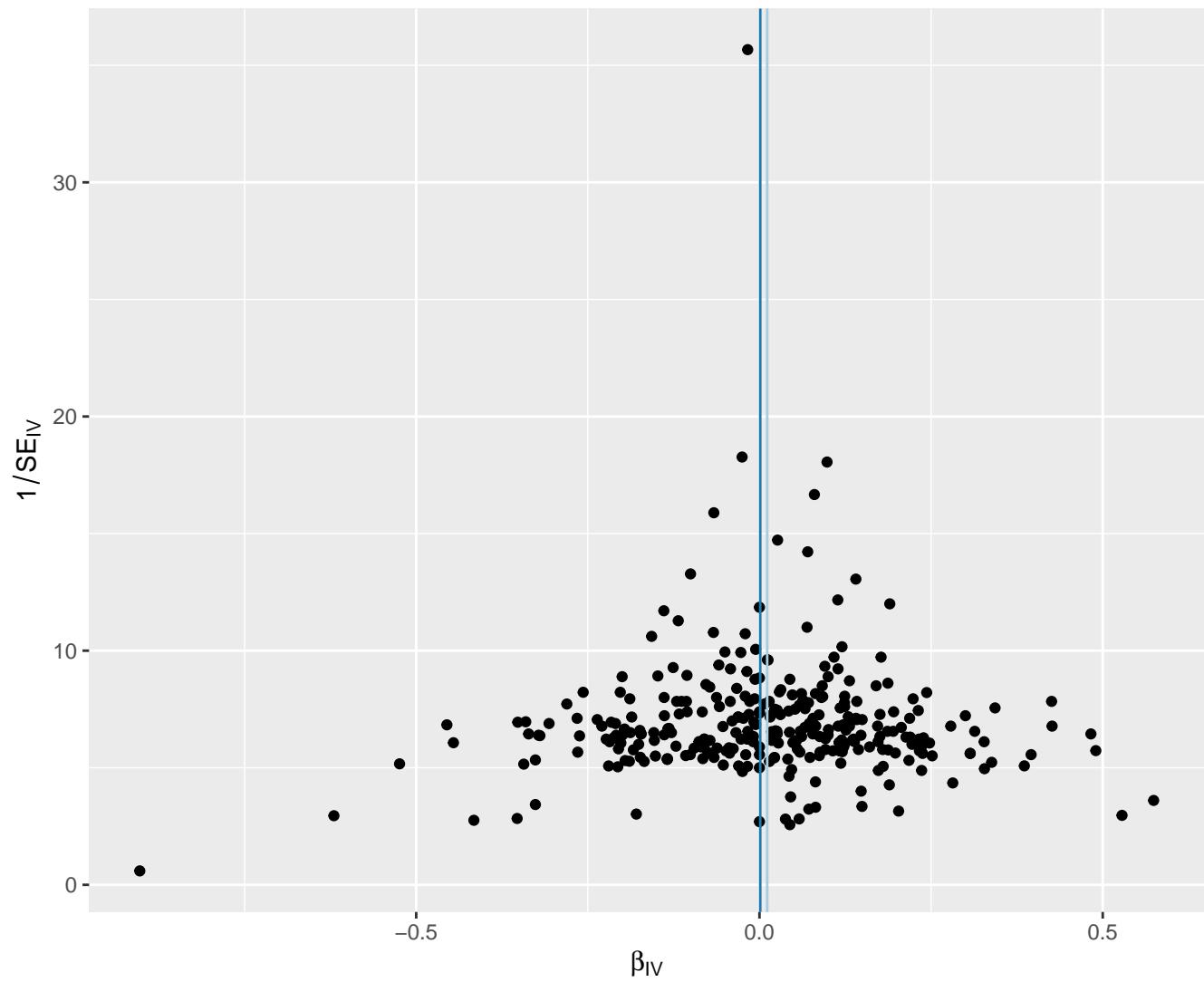


Erythronate*

MR Method

Inverse variance weighted

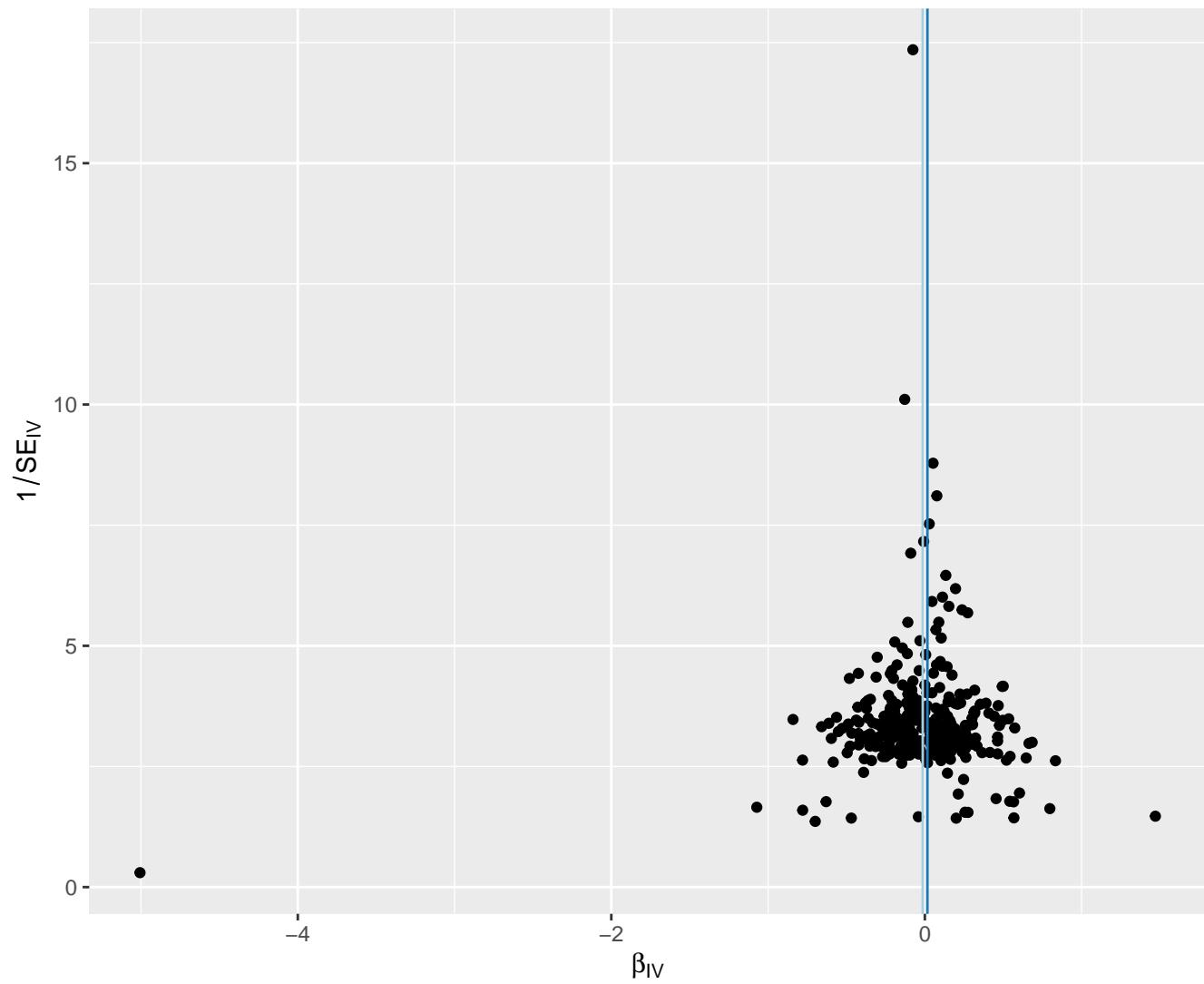
MR Egger



Erythrose

MR Method

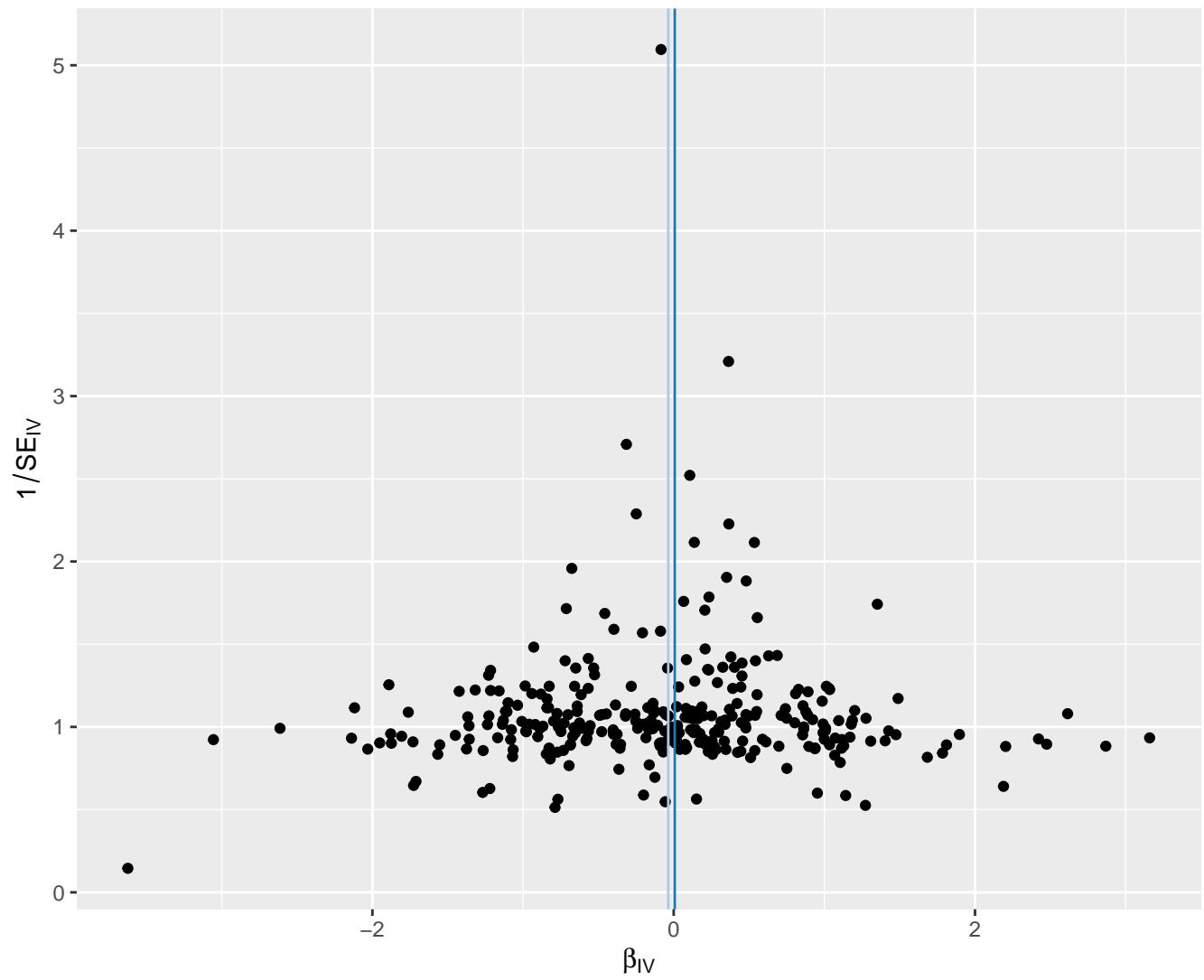
- Inverse variance weighted
- MR Egger



Estrone 3-sulfate

MR Method

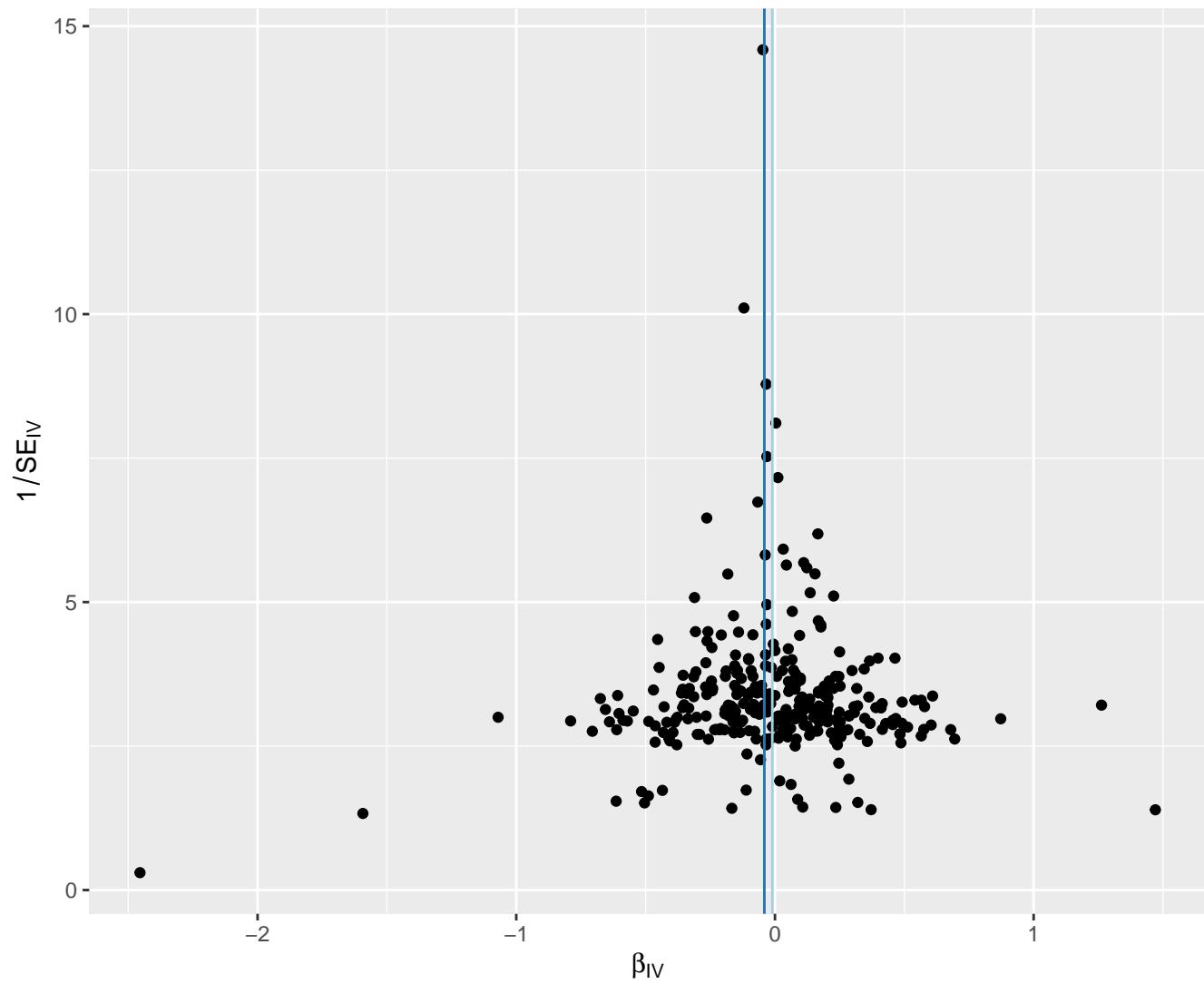
- Inverse variance weighted
- MR Egger



Fructose

MR Method

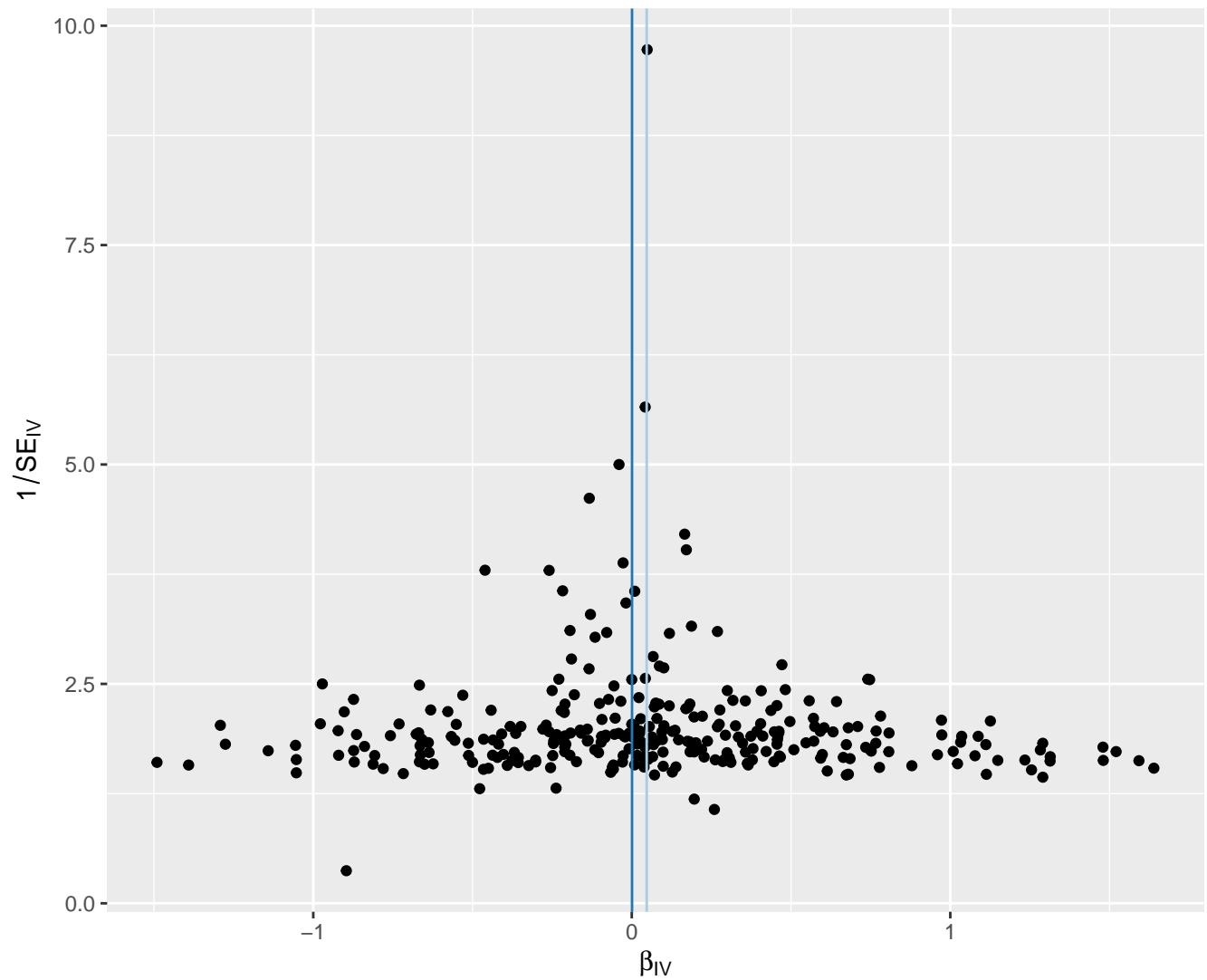
- Inverse variance weighted
- MR Egger



Gamma-glutamylglutamate

MR Method

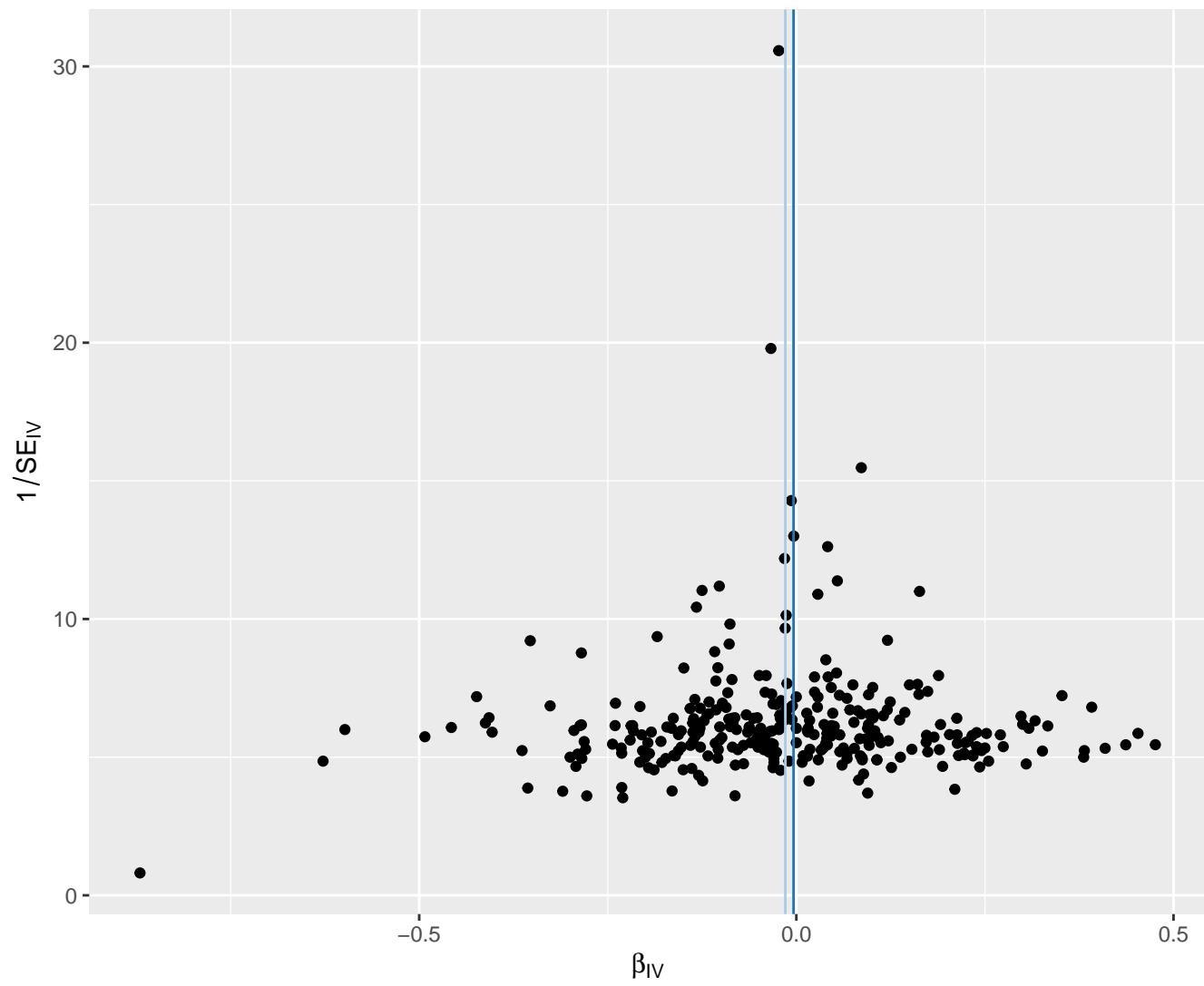
-  Inverse variance weighted
-  MR Egger



Gamma-glutamylglutamine

MR Method

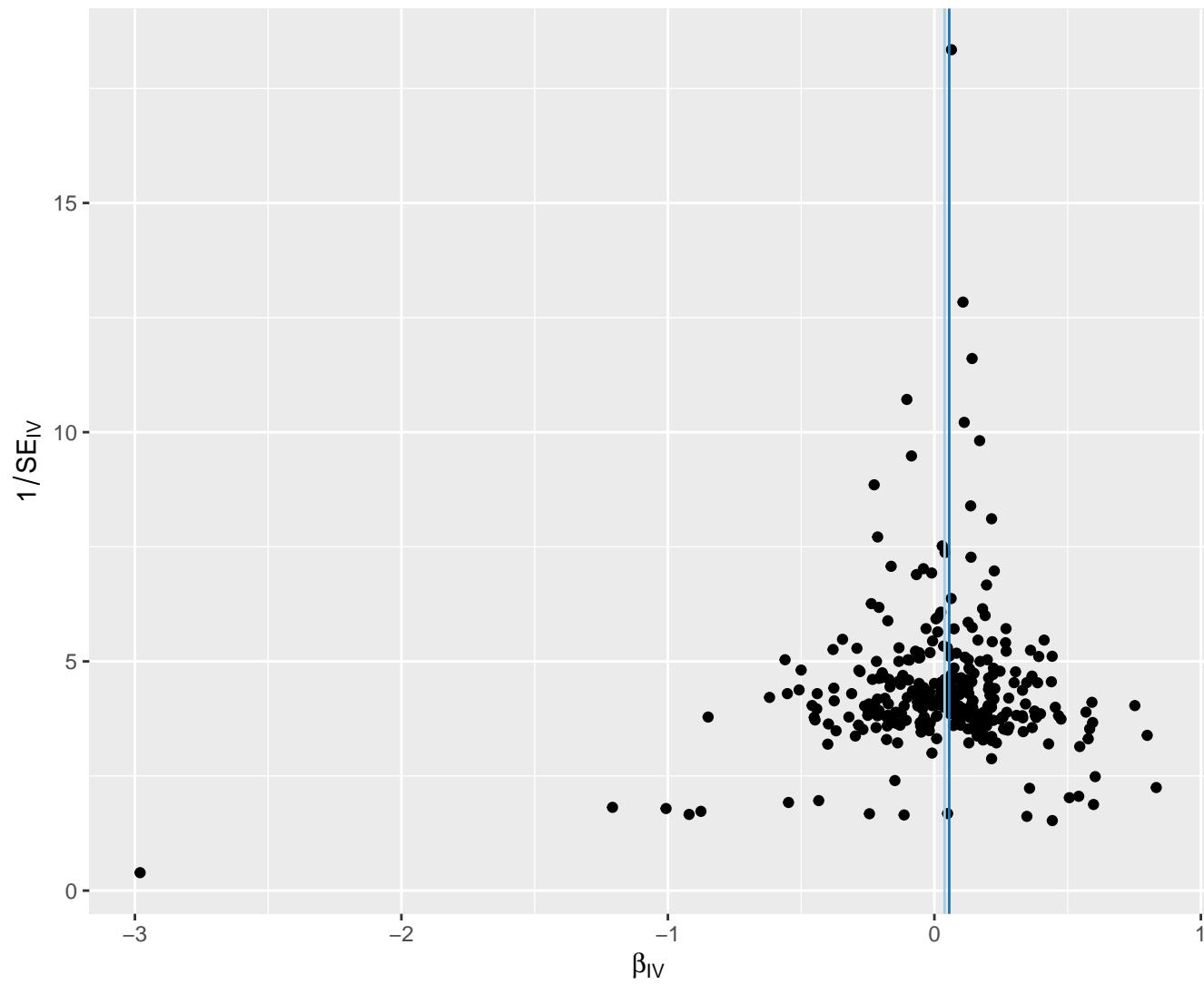
- Inverse variance weighted
- MR Egger



Gamma-glutamylisoleucine*

MR Method

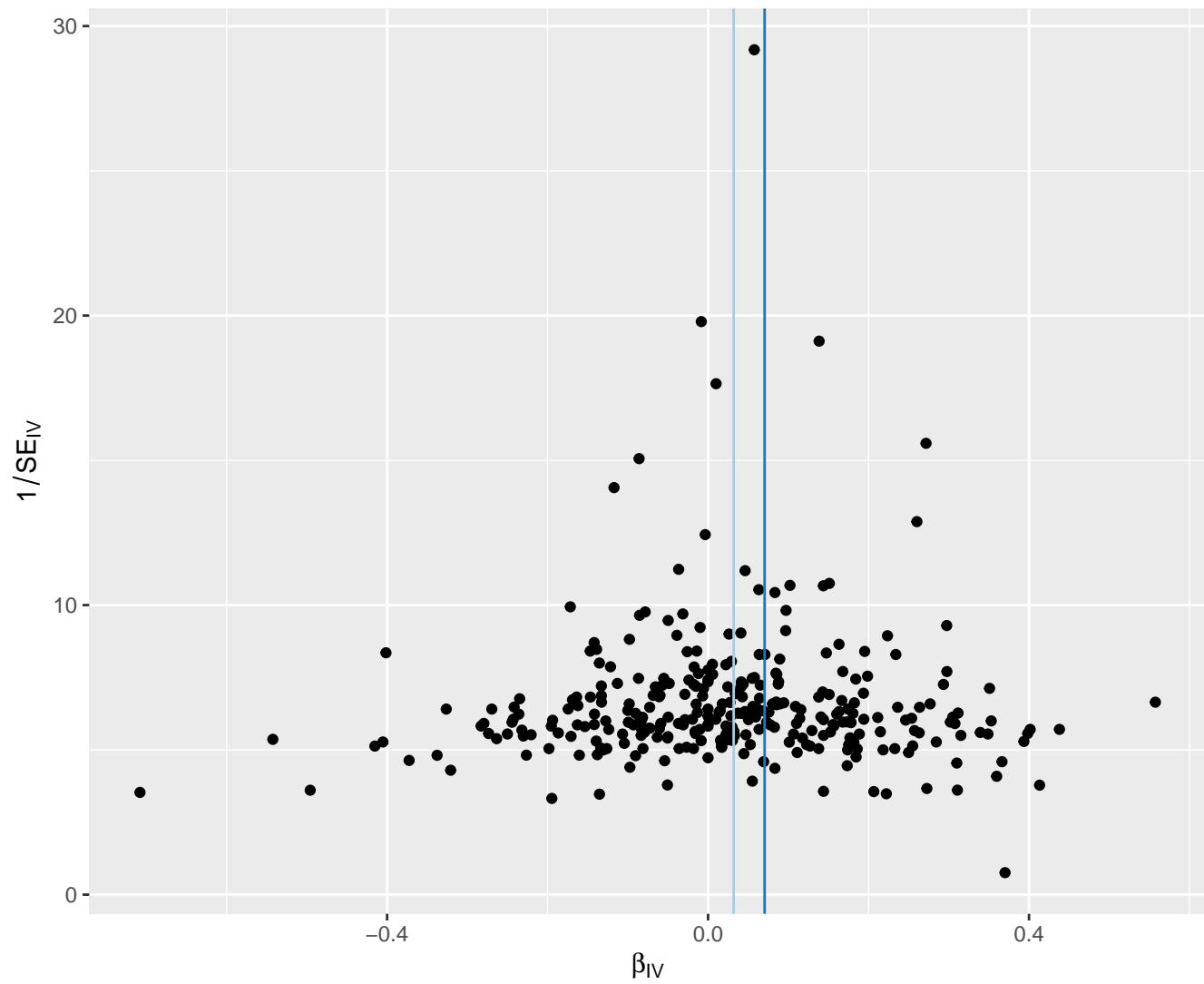
- Inverse variance weighted
- MR Egger



Gamma-glutamylleucine

MR Method

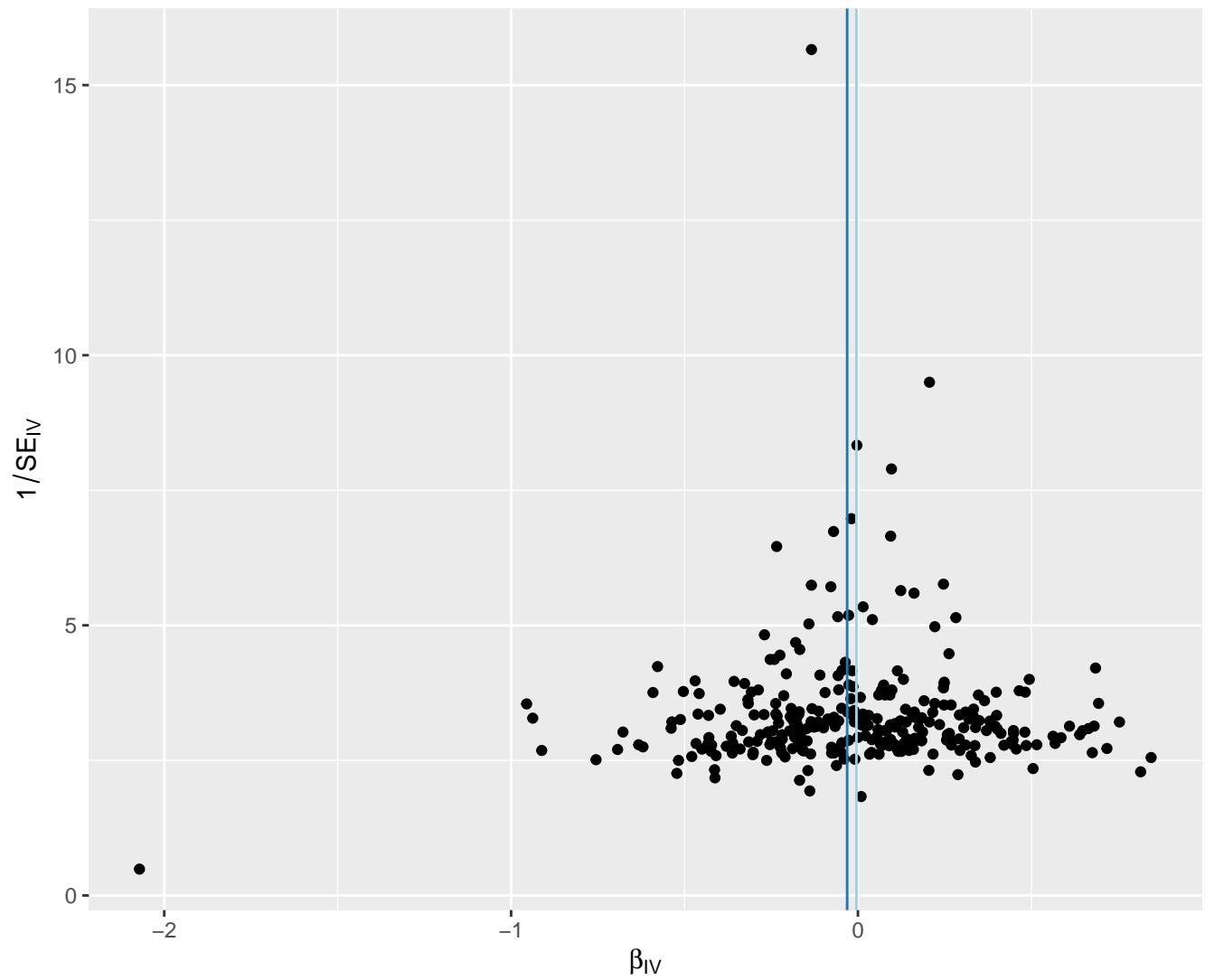
- Inverse variance weighted
- MR Egger



Gamma-glutamylmethionine*

MR Method

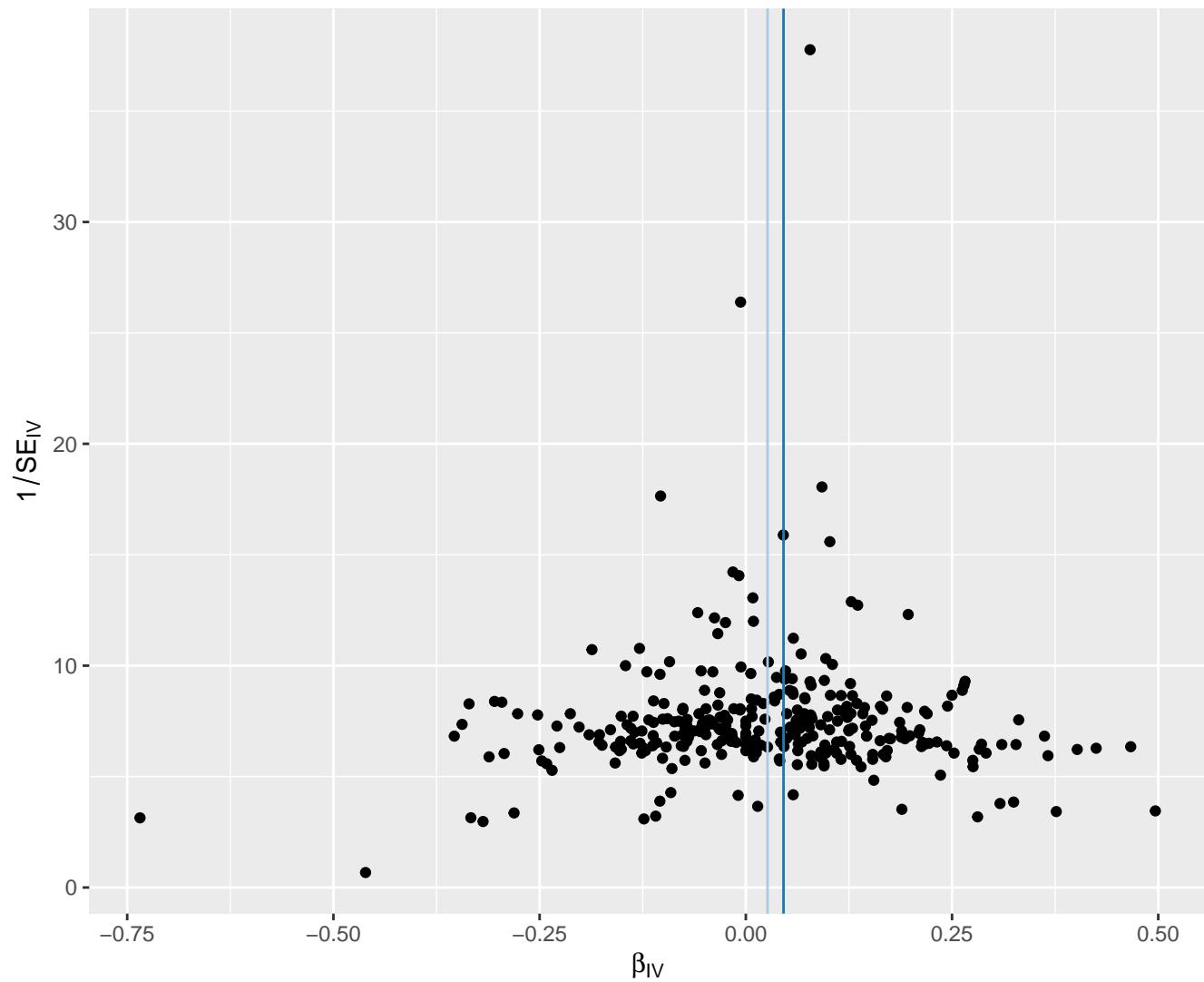
- Inverse variance weighted
- MR Egger



Gamma-glutamylphenylalanine

MR Method

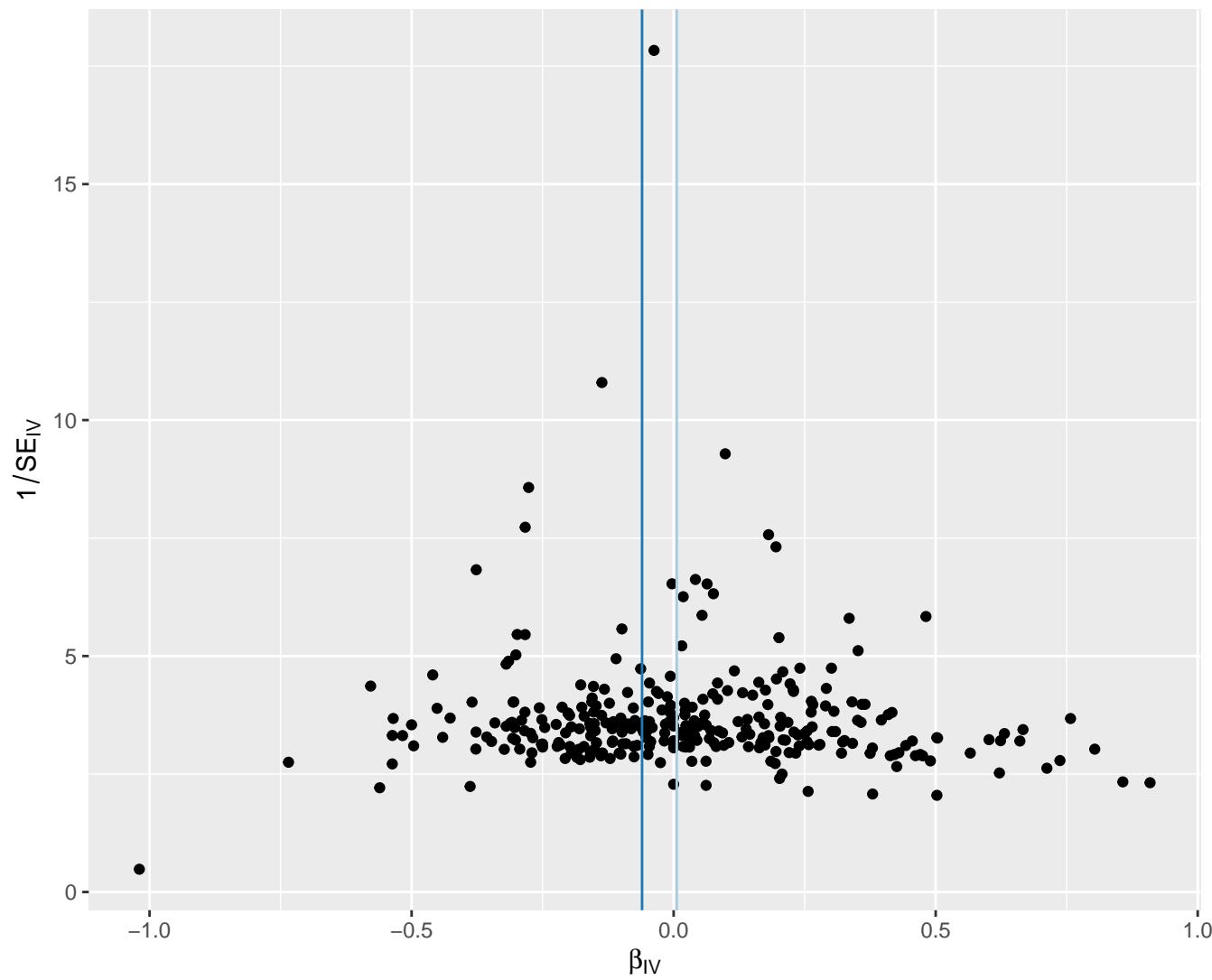
- Inverse variance weighted
- MR Egger



Gamma-glutamylthreonine*

MR Method

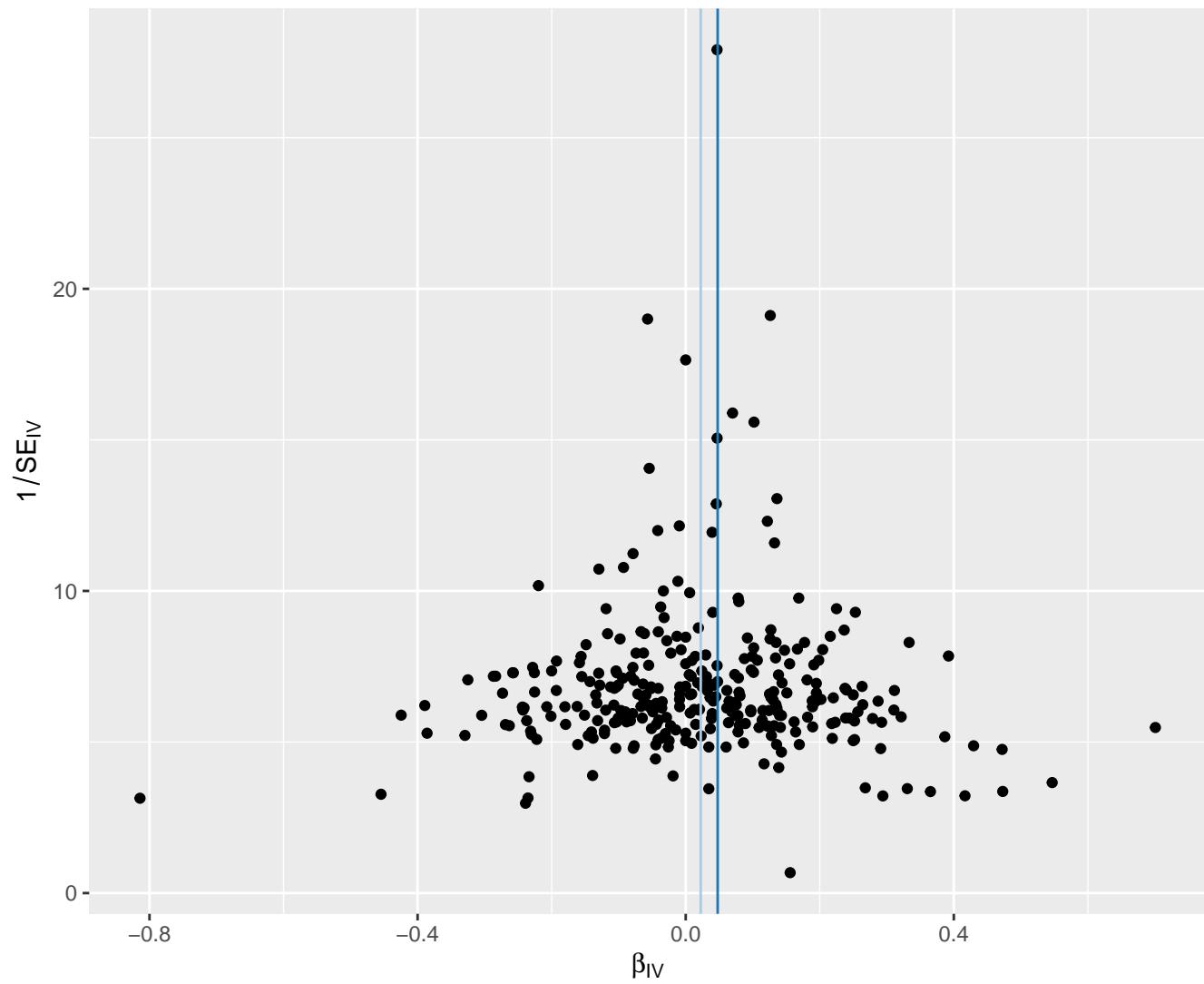
- Inverse variance weighted
- MR Egger



Gamma-glutamyltyrosine

MR Method

- Inverse variance weighted
- MR Egger

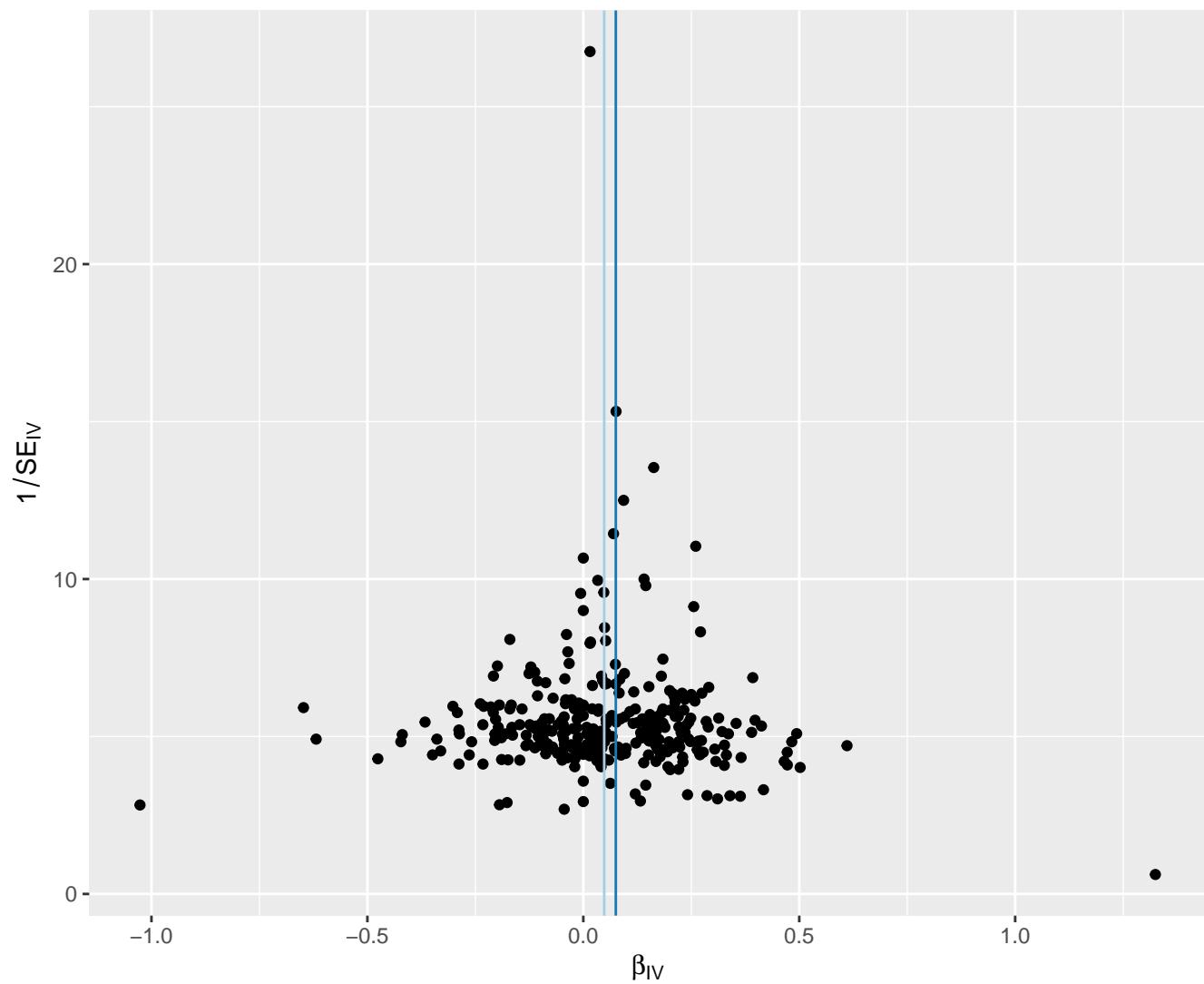


Gamma-glutamylvaline

MR Method

Inverse variance weighted

MR Egger

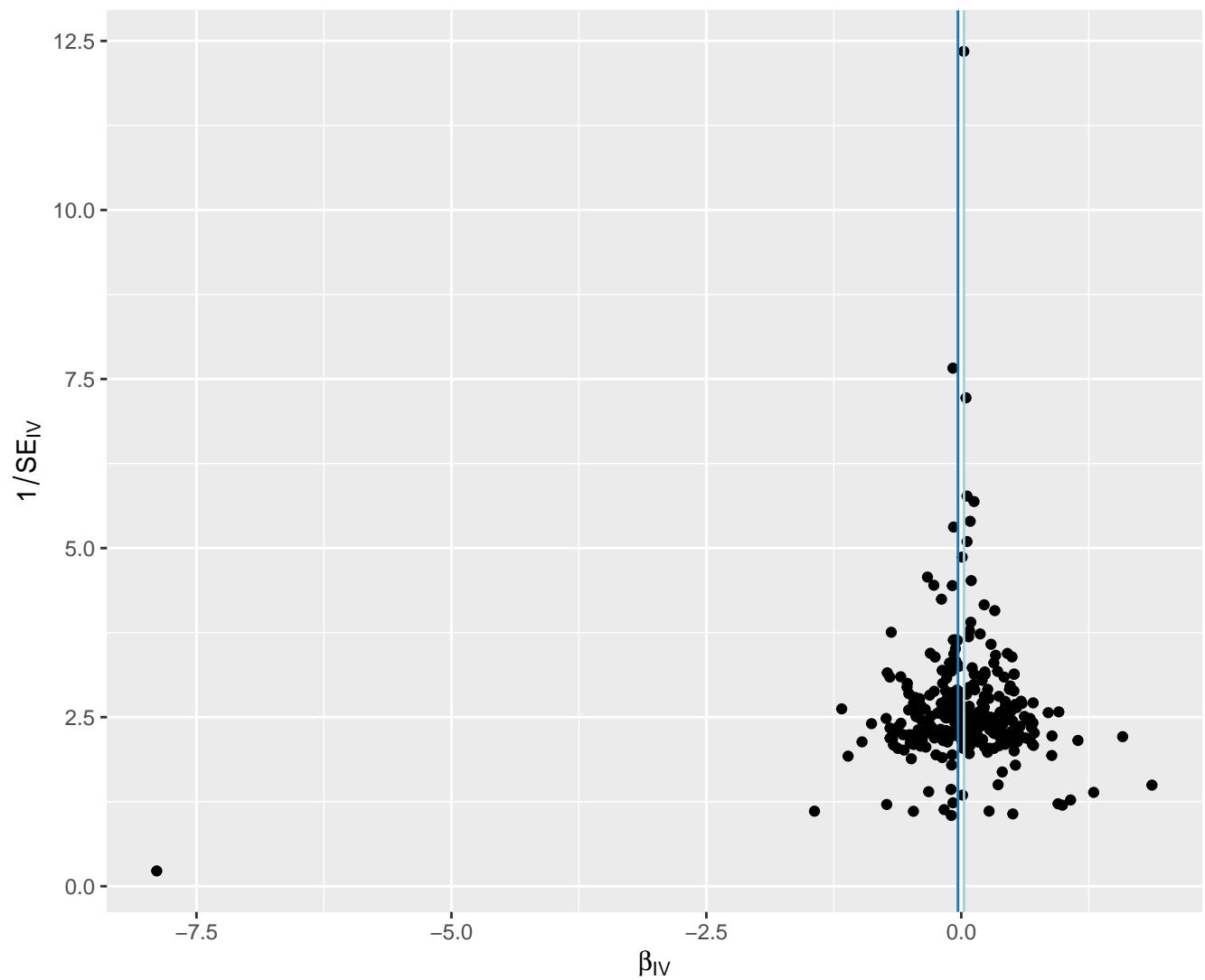


Gamma-tocopherol

MR Method

Inverse variance weighted

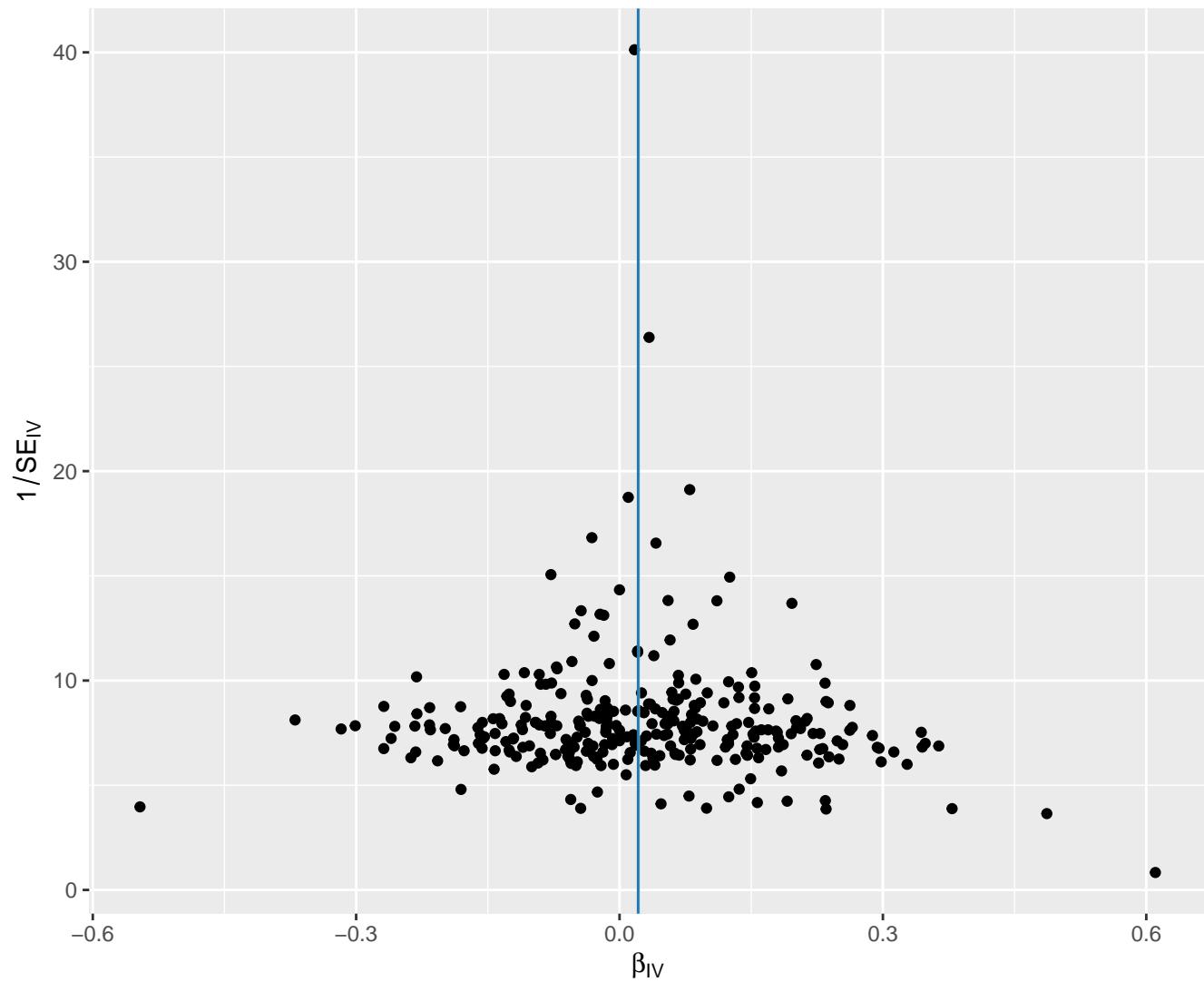
MR Egger



Glucose

MR Method

- Inverse variance weighted
- MR Egger

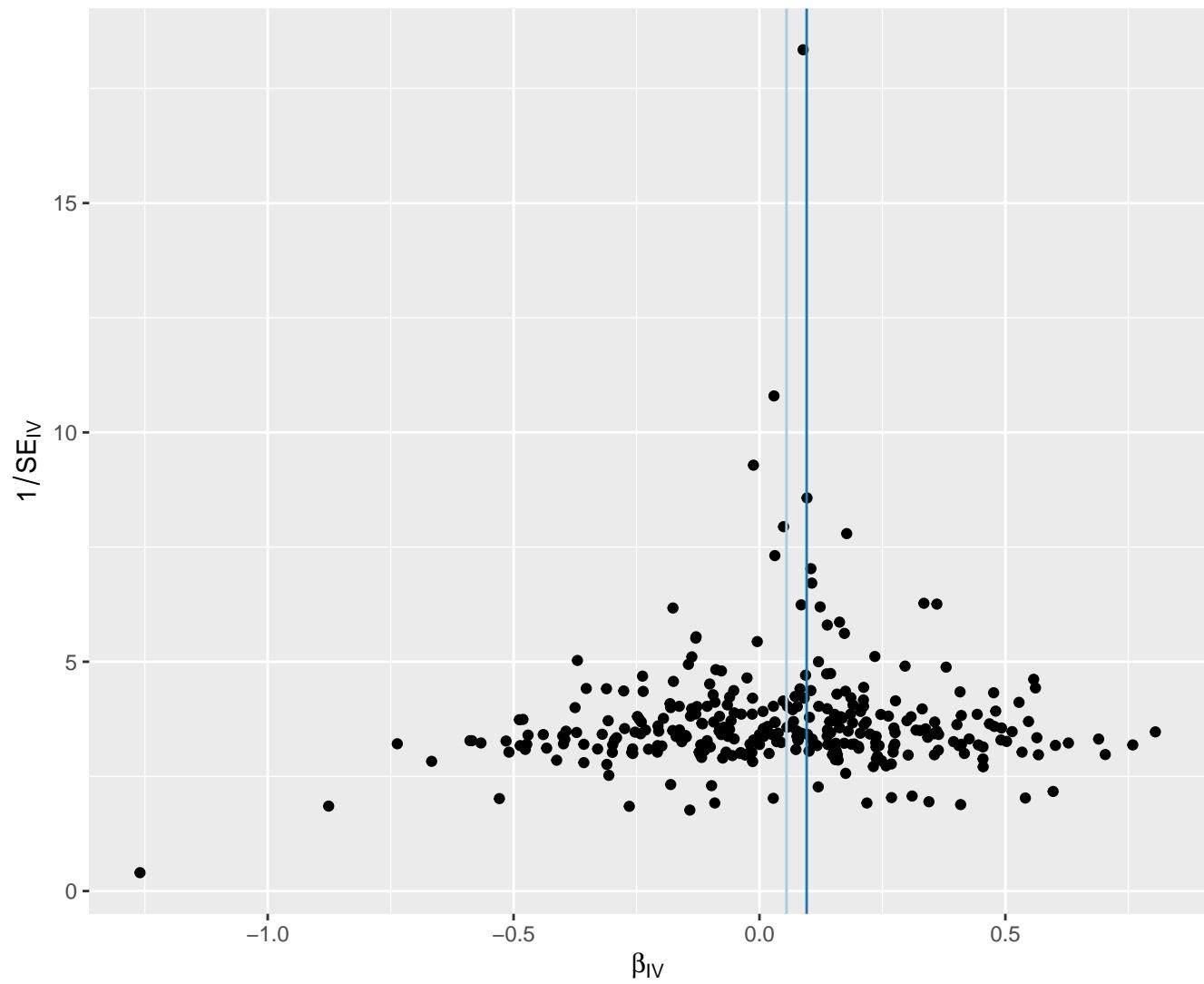


Glutamate

MR Method

Inverse variance weighted

MR Egger

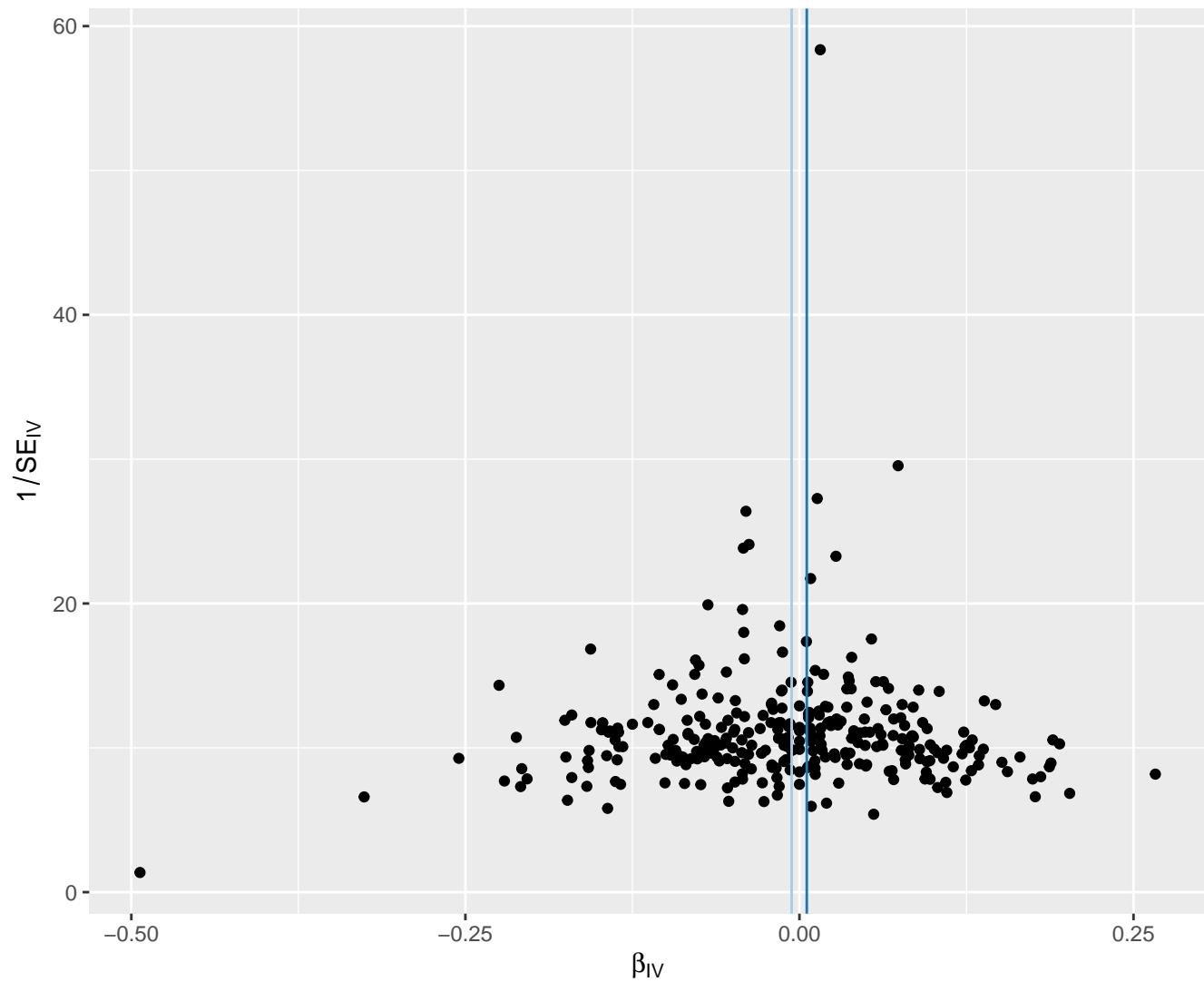


Glutamine

MR Method

Inverse variance weighted

MR Egger

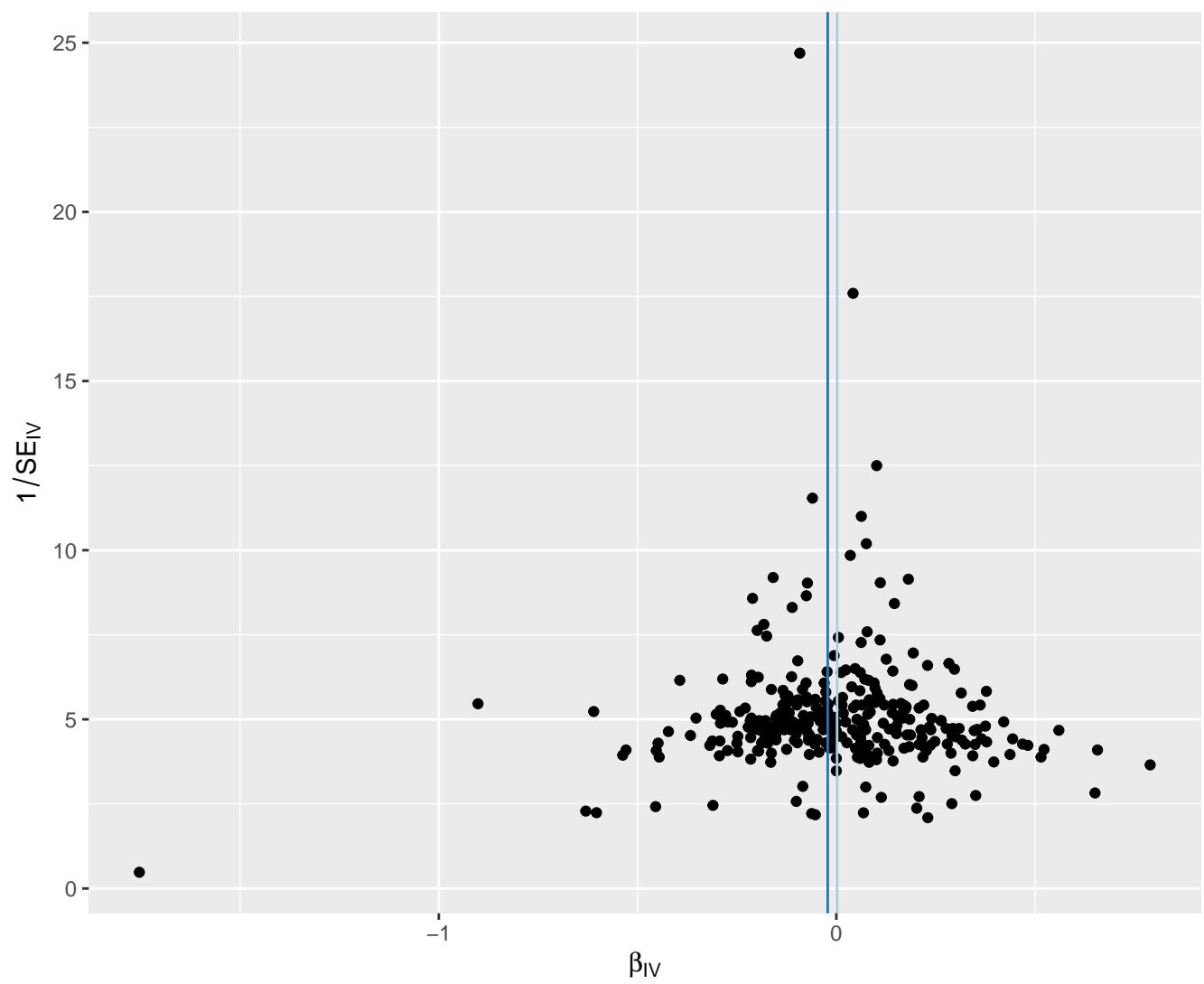


Glutaroyl carnitine

MR Method

Inverse variance weighted

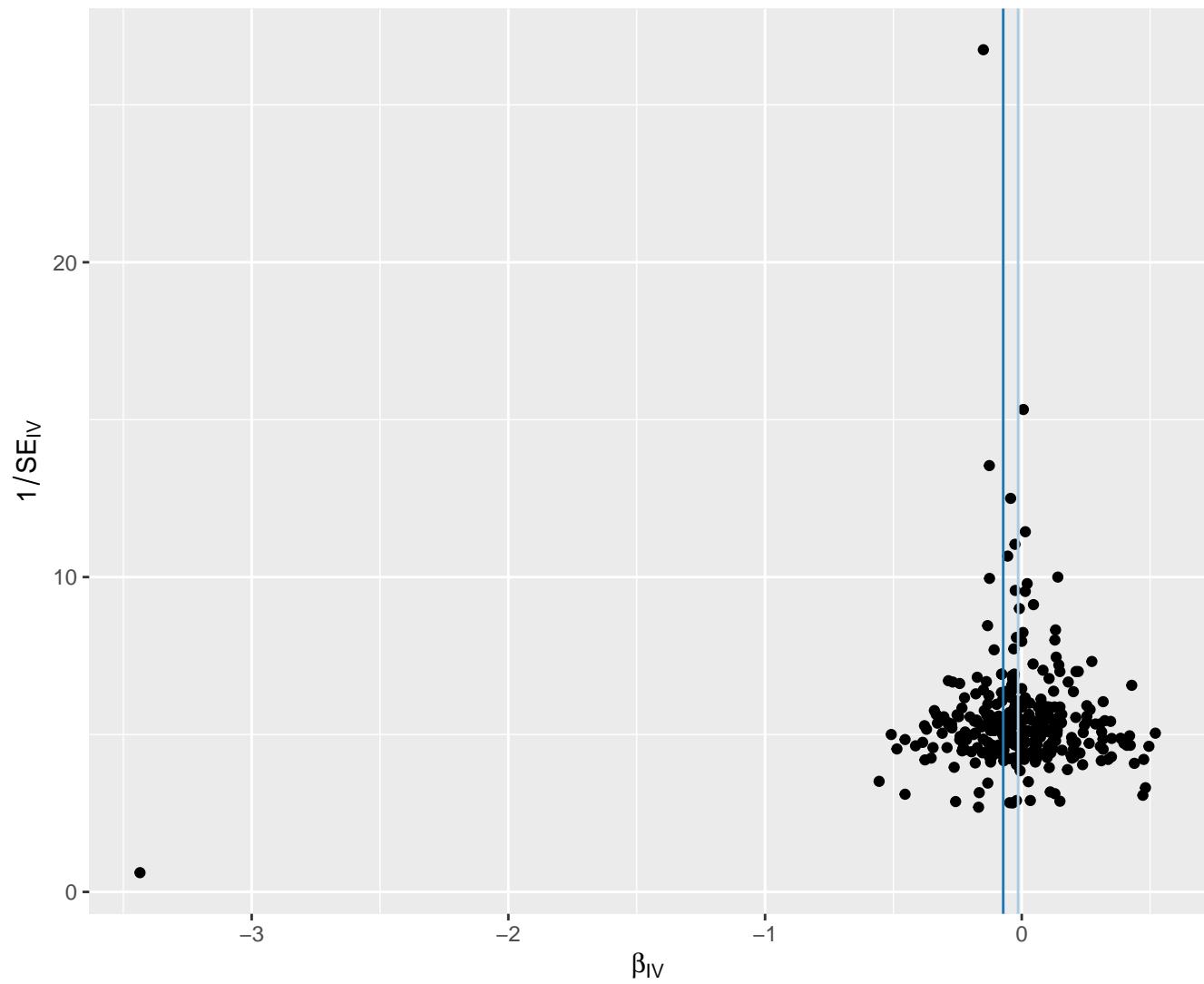
MR Egger



Glycerate

MR Method

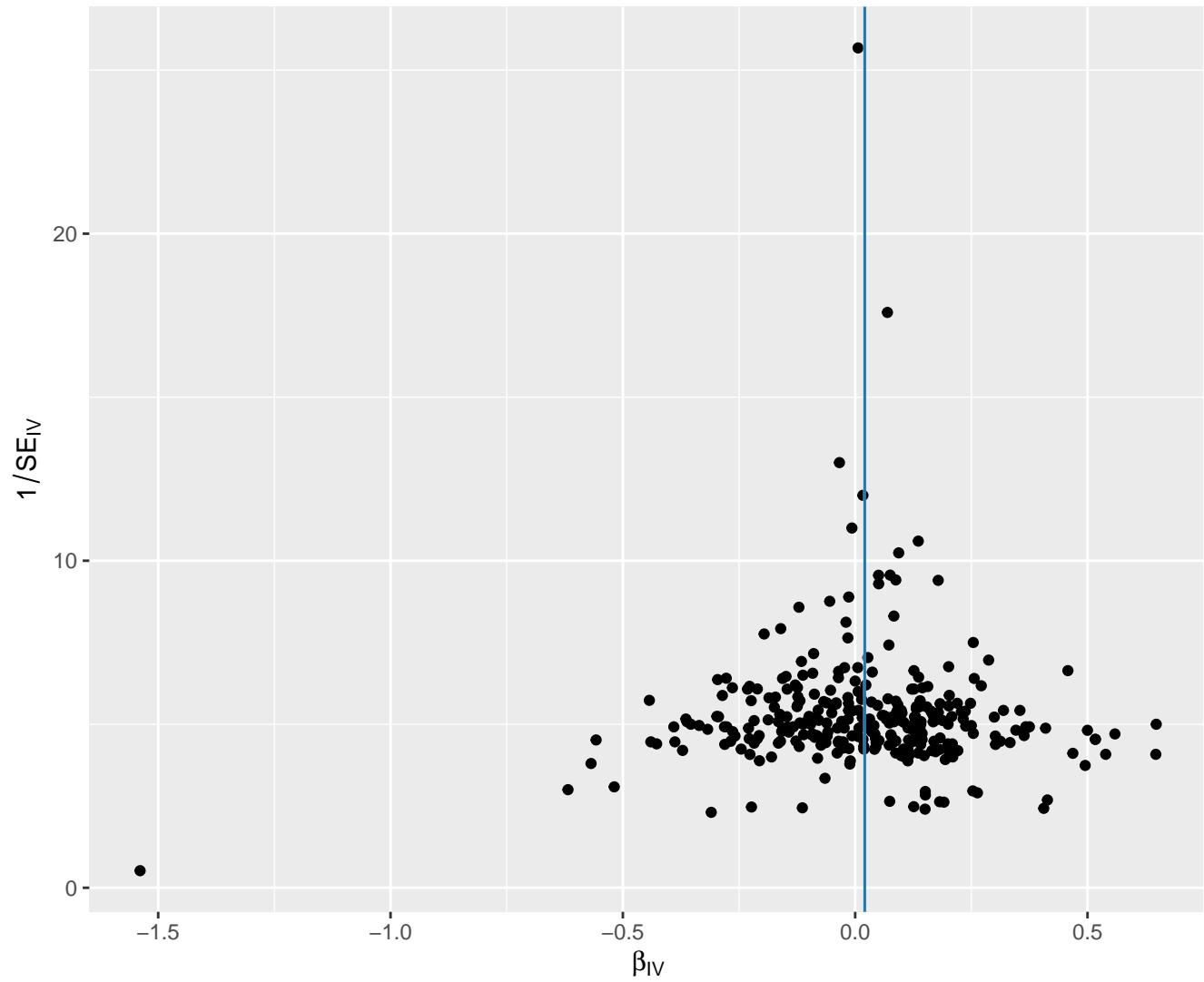
- Inverse variance weighted
- MR Egger



Glycerol

MR Method

- Inverse variance weighted
- MR Egger

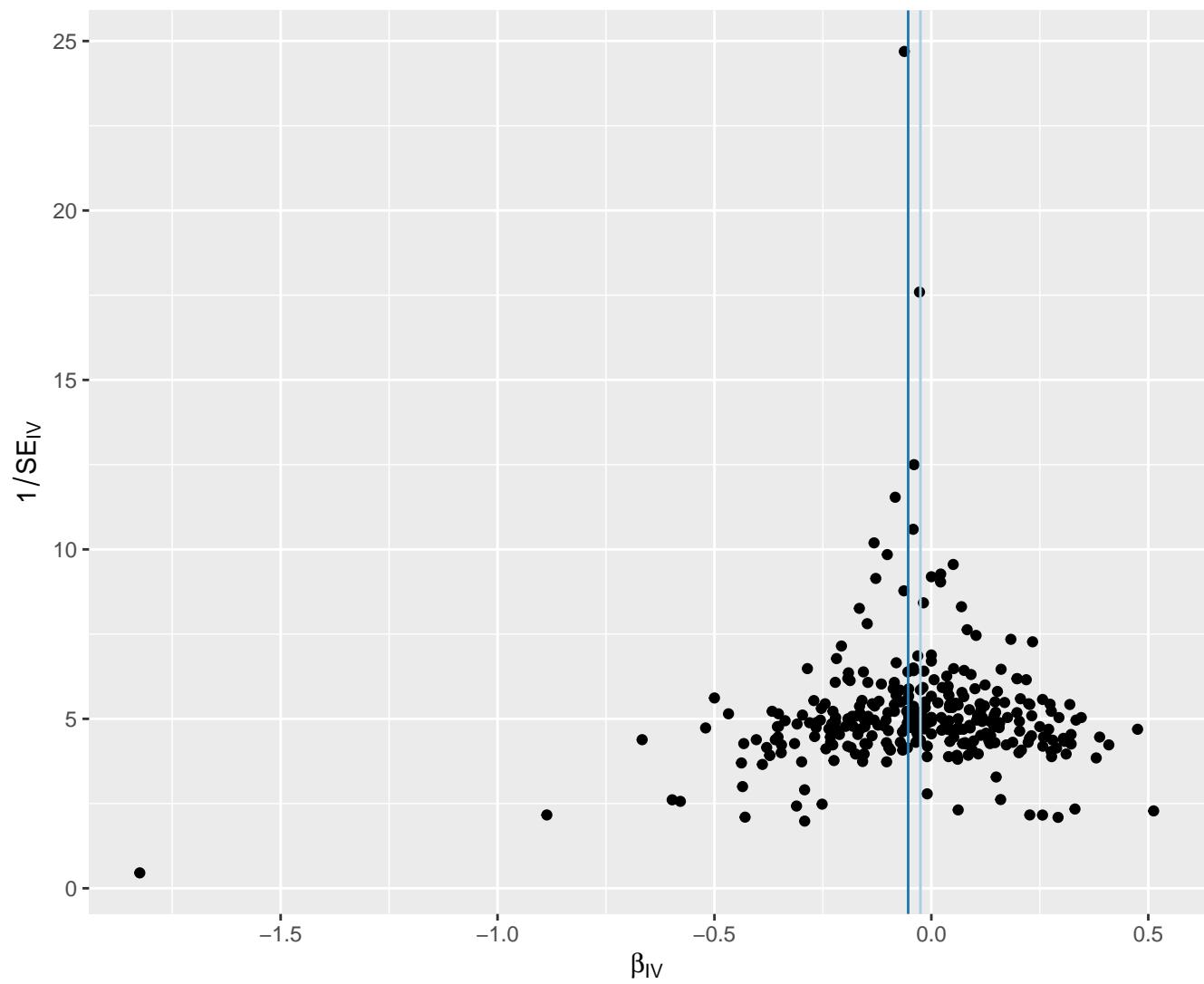


Glycerol 3-phosphate (G3P)

MR Method

Inverse variance weighted

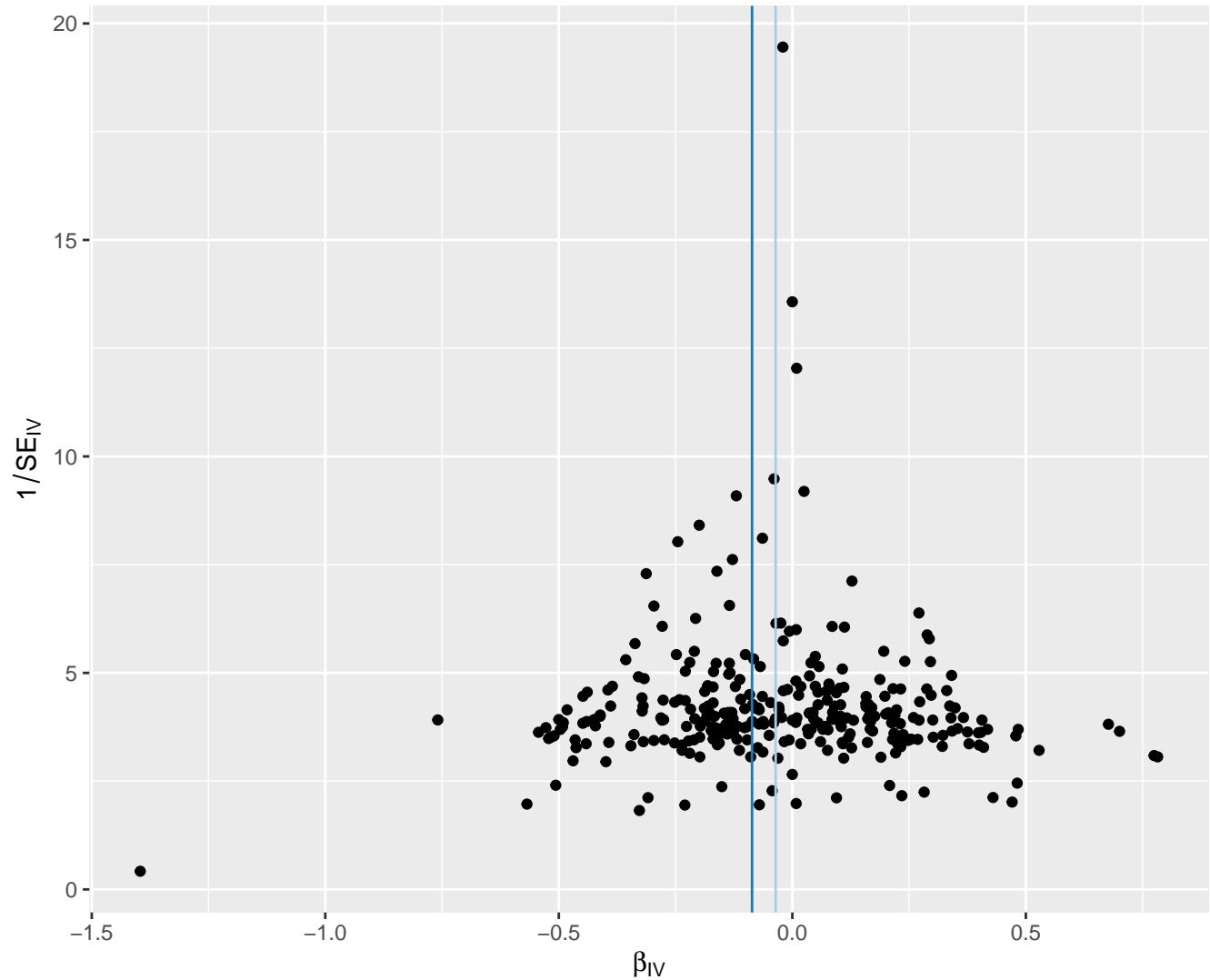
MR Egger



Glycerophosphorylcholine (GPC)

MR Method

- Inverse variance weighted
- MR Egger

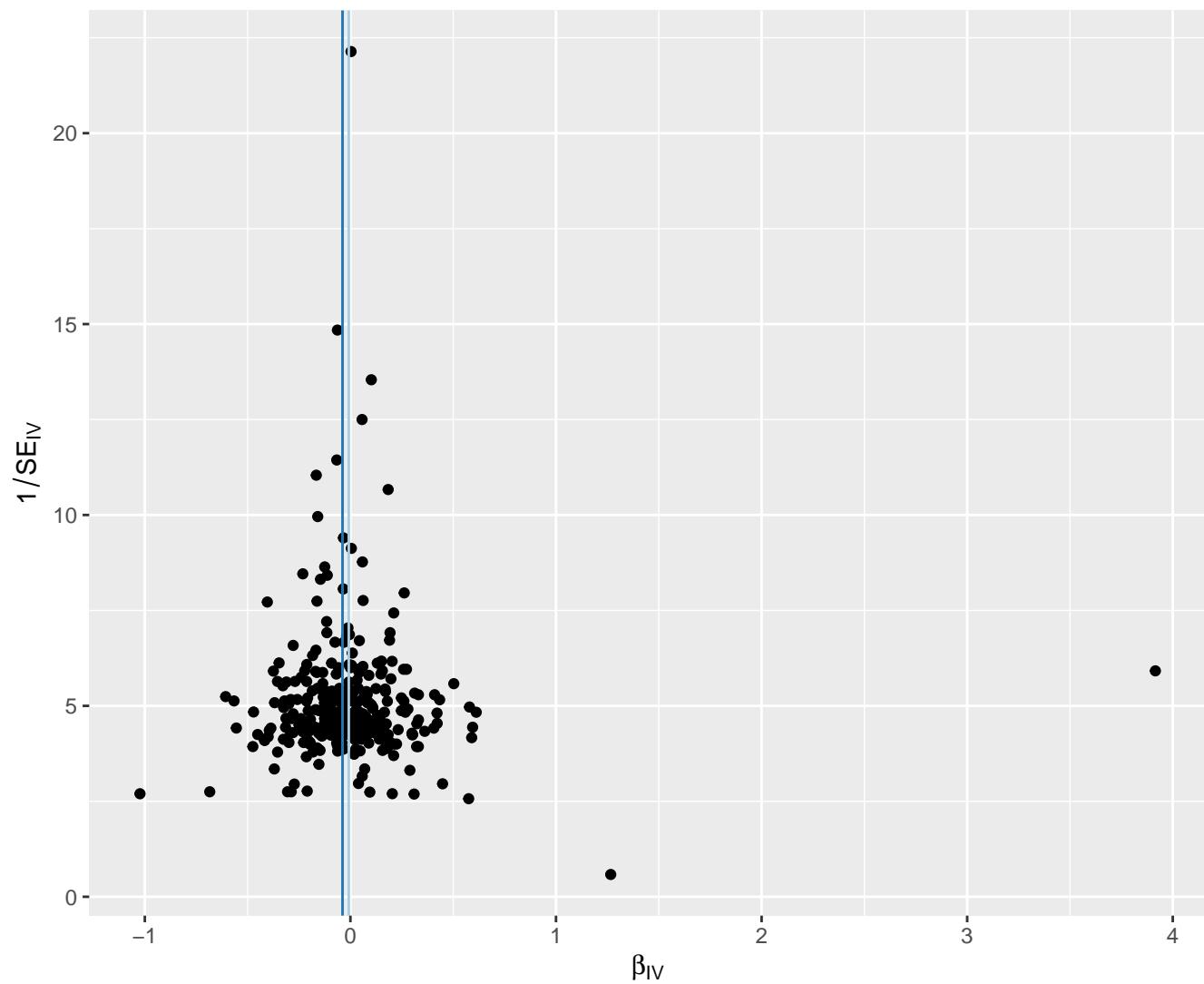


Glycine

MR Method

Inverse variance weighted

MR Egger

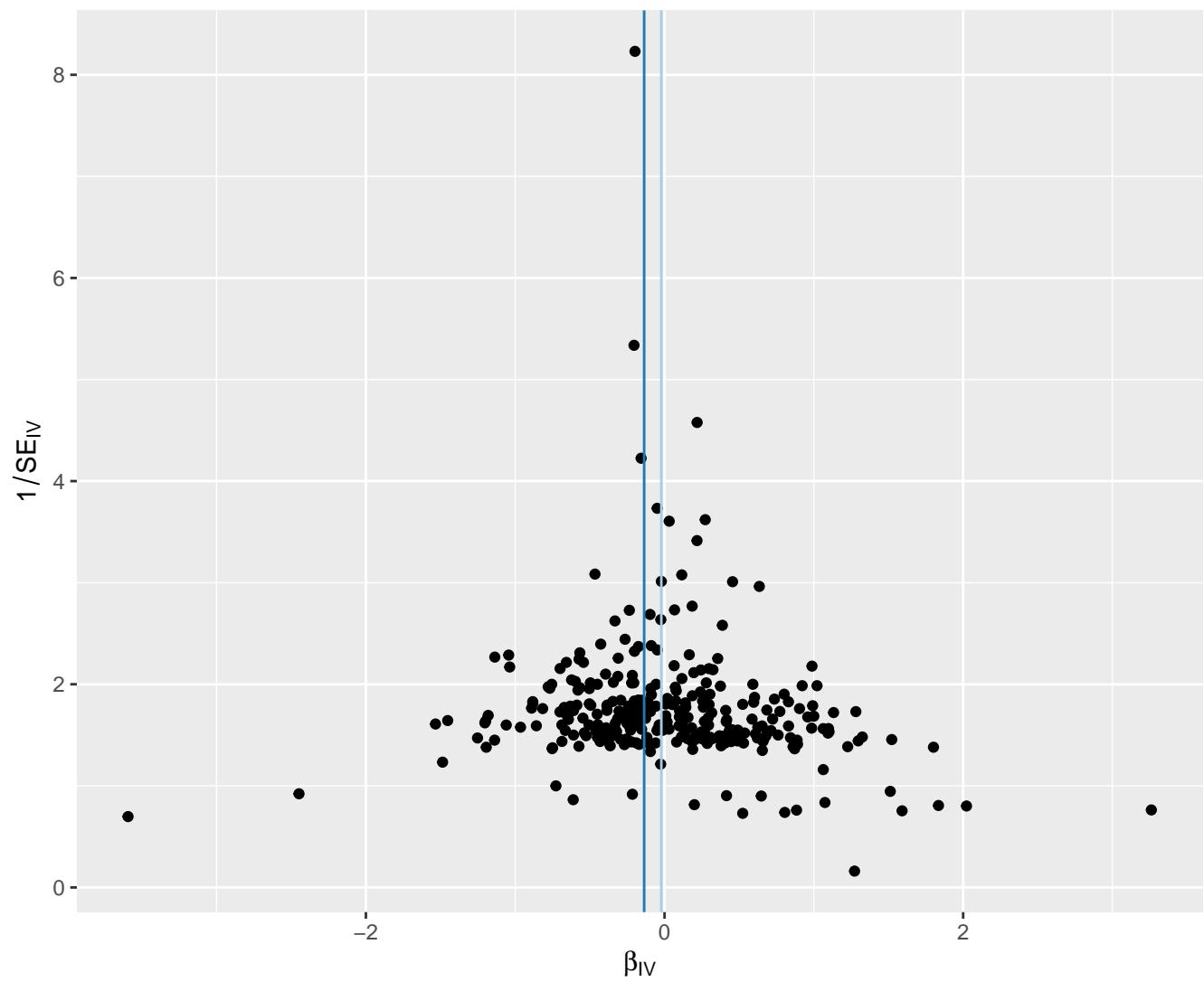


Glycochenodeoxycholate

MR Method

Inverse variance weighted

MR Egger

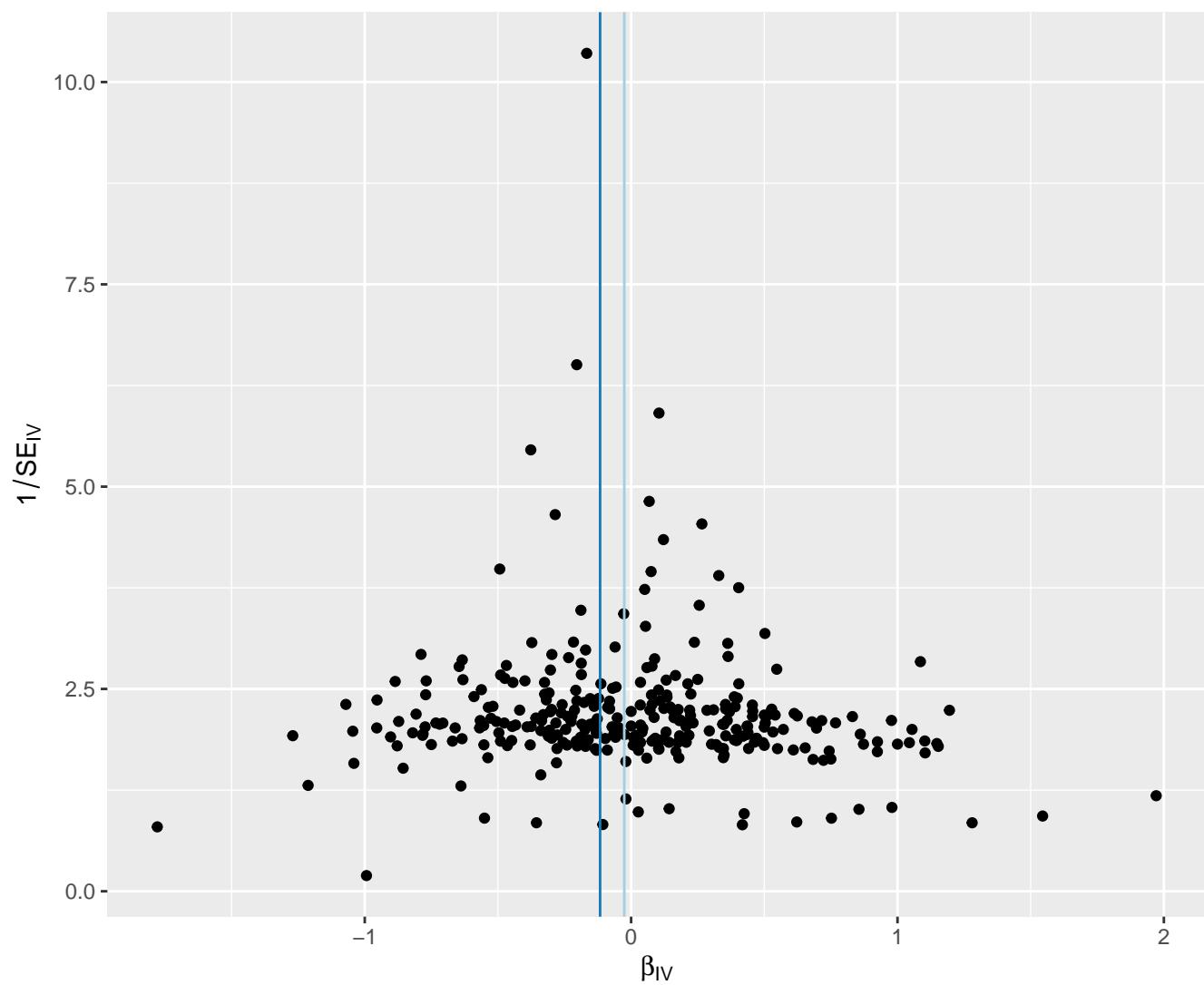


Glycocholate

MR Method

Inverse variance weighted

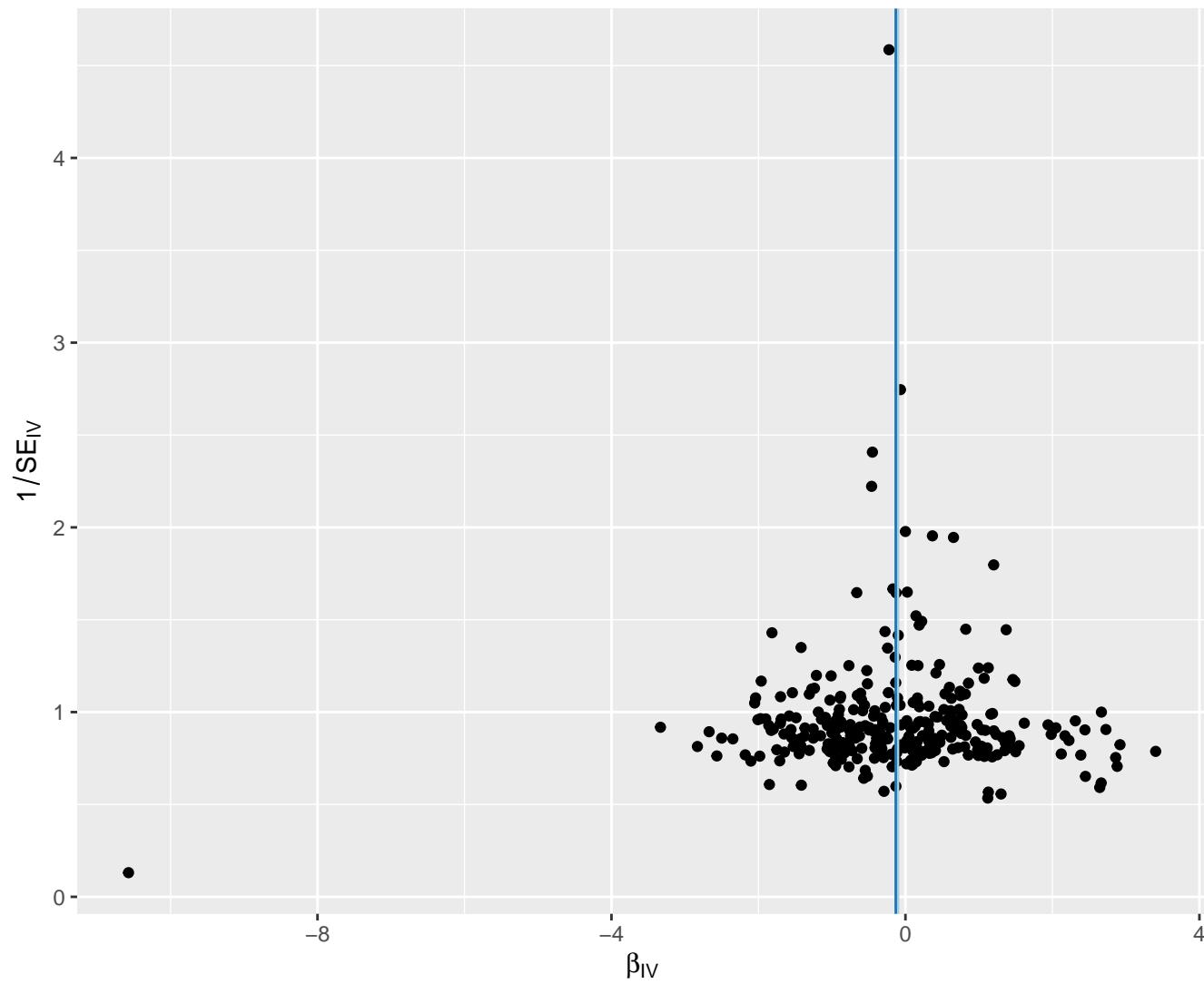
MR Egger



Glycodeoxycholate

MR Method

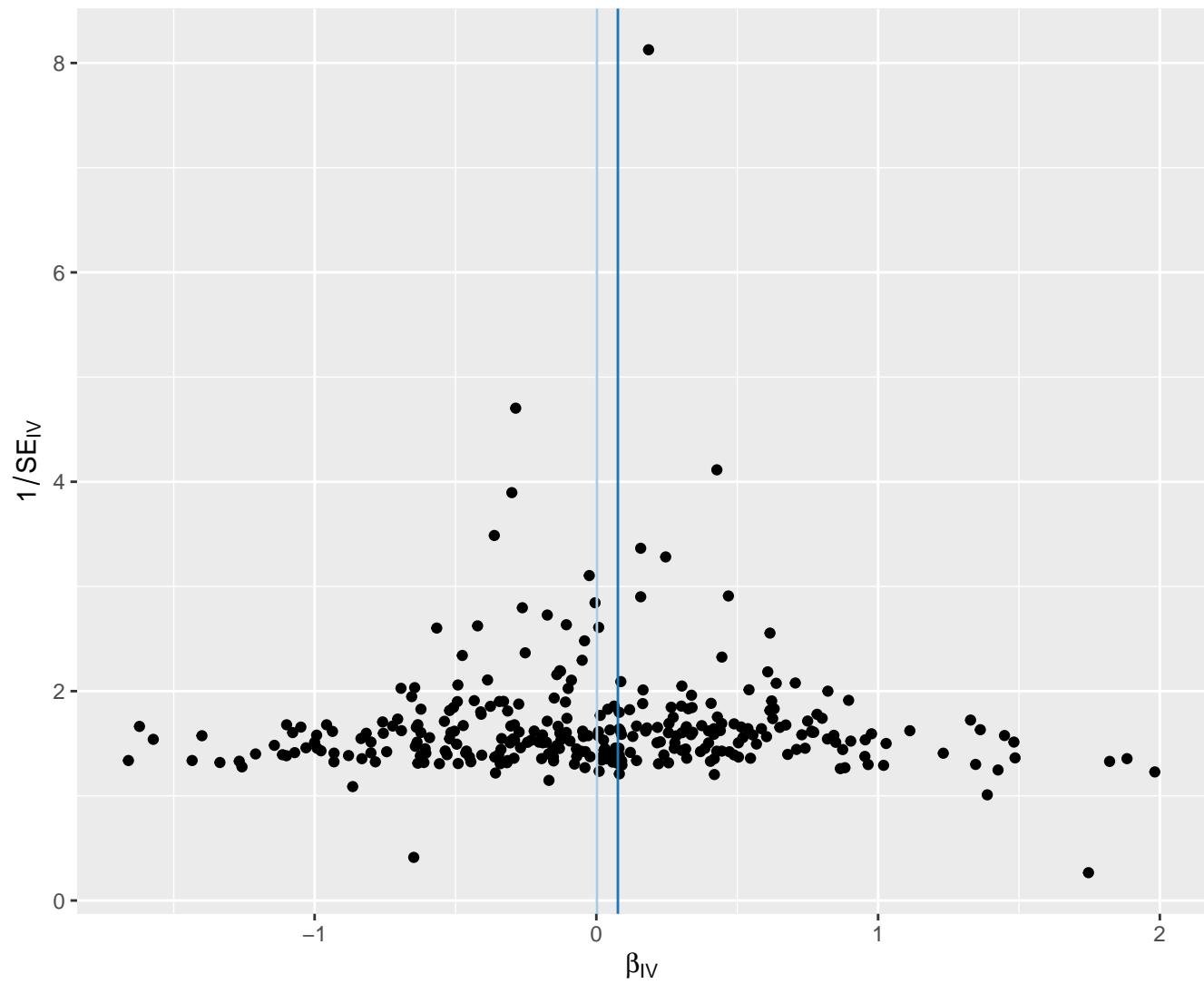
- Inverse variance weighted
- MR Egger



Glycylvaline

MR Method

 Inverse variance weighted
 MR Egger

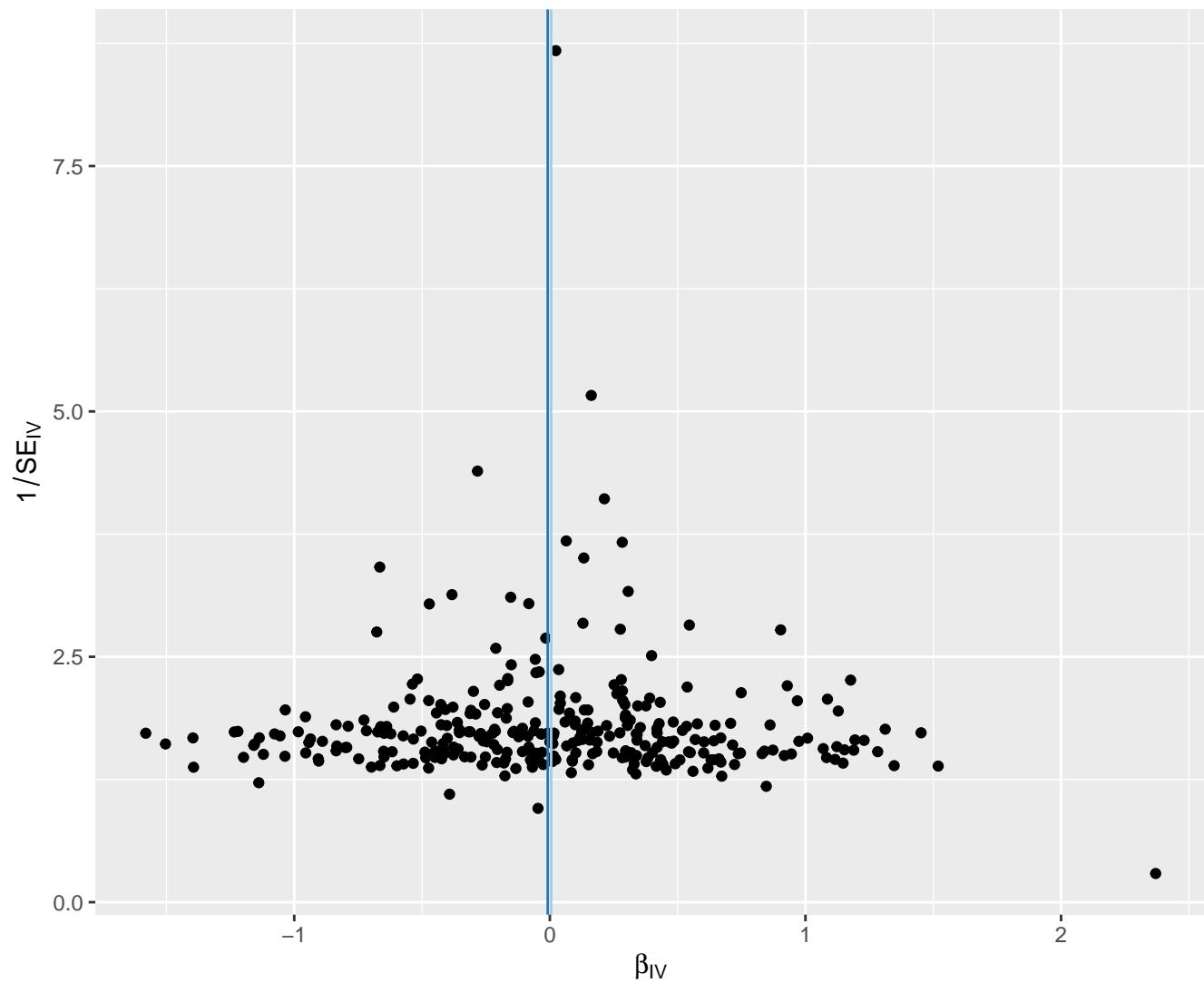


Guanosine

MR Method

Inverse variance weighted

MR Egger

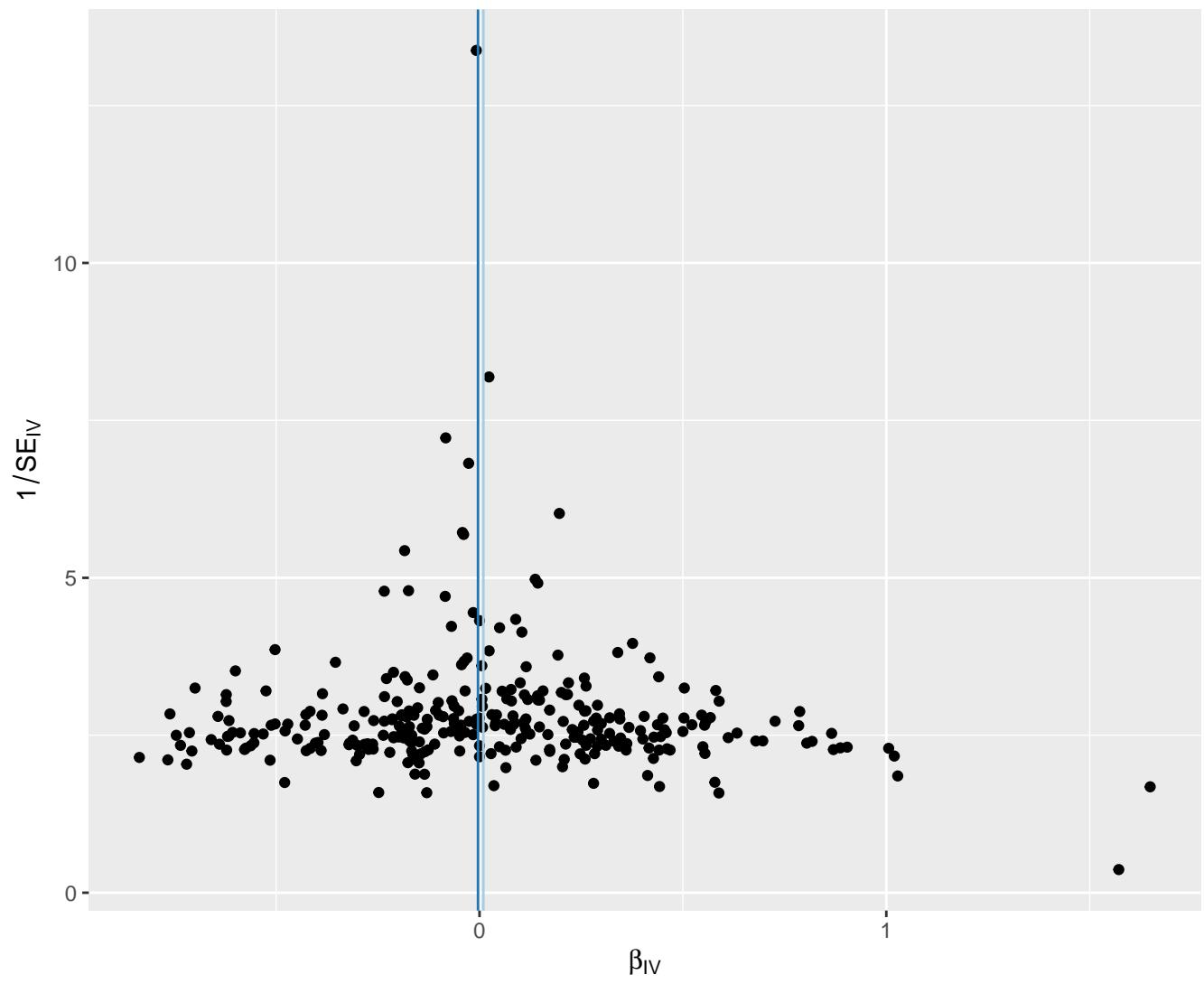


Heme*

MR Method

Inverse variance weighted

MR Egger

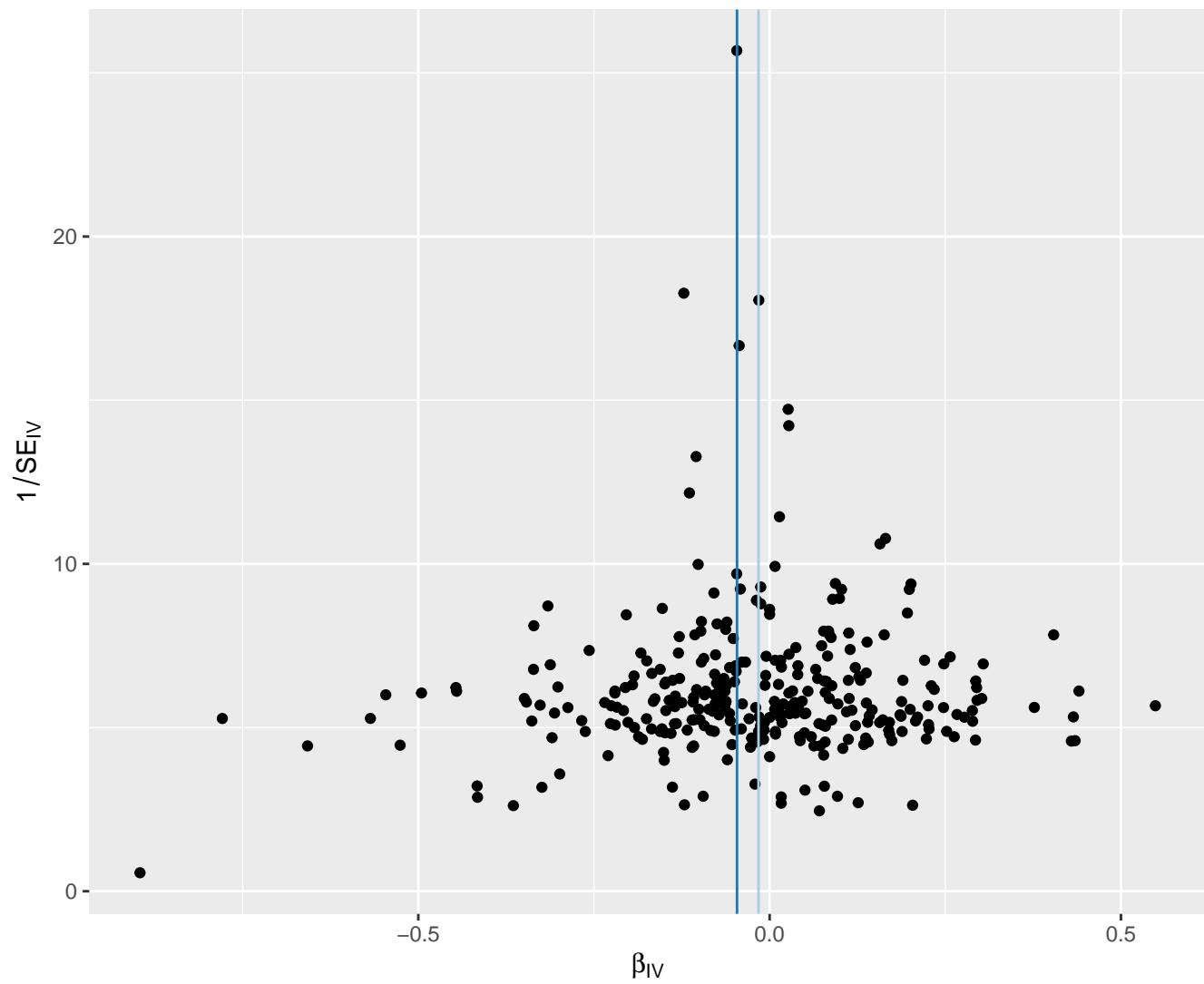


Heptanoate (7:0)

MR Method

Inverse variance weighted

MR Egger

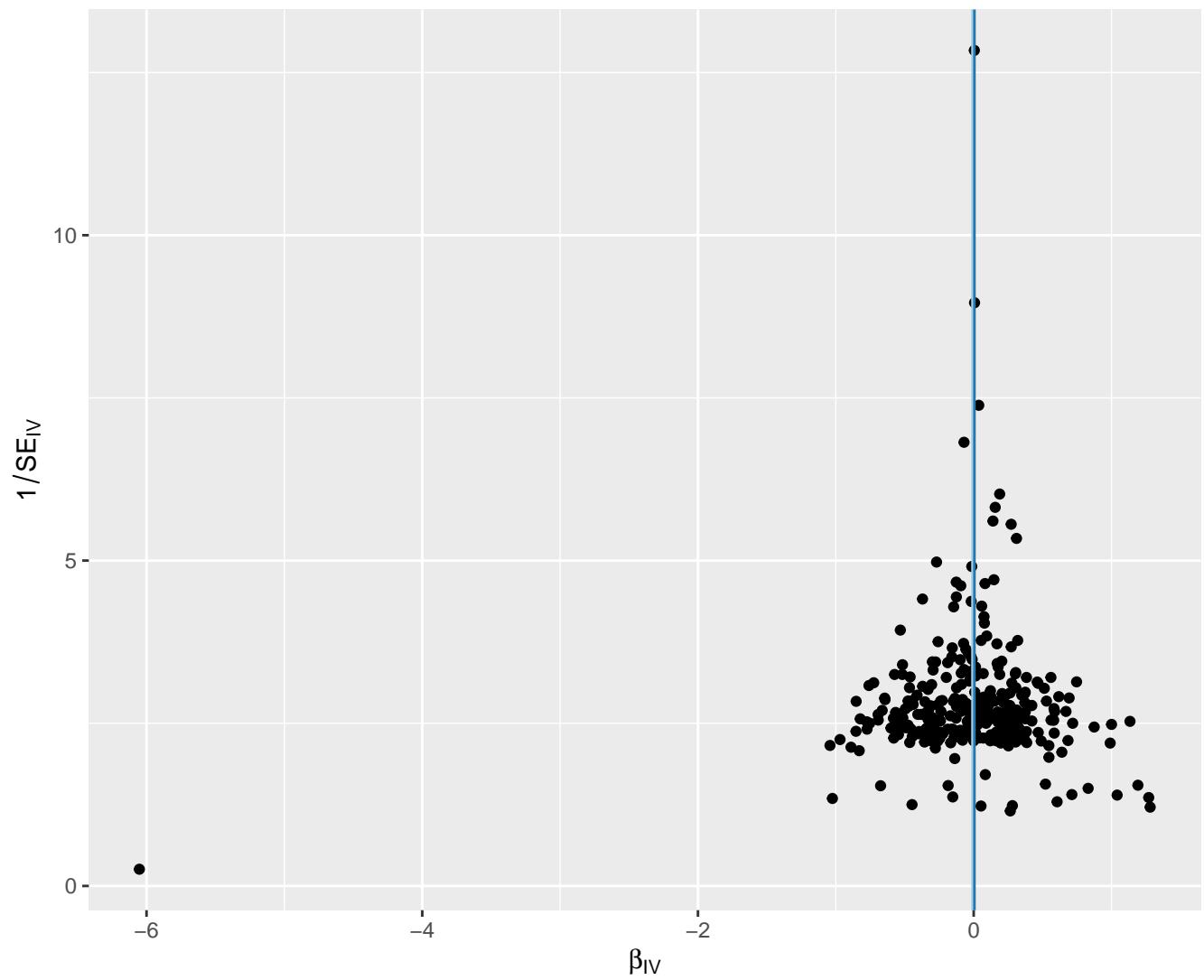


Hexadecanedioate

MR Method

Inverse variance weighted

MR Egger

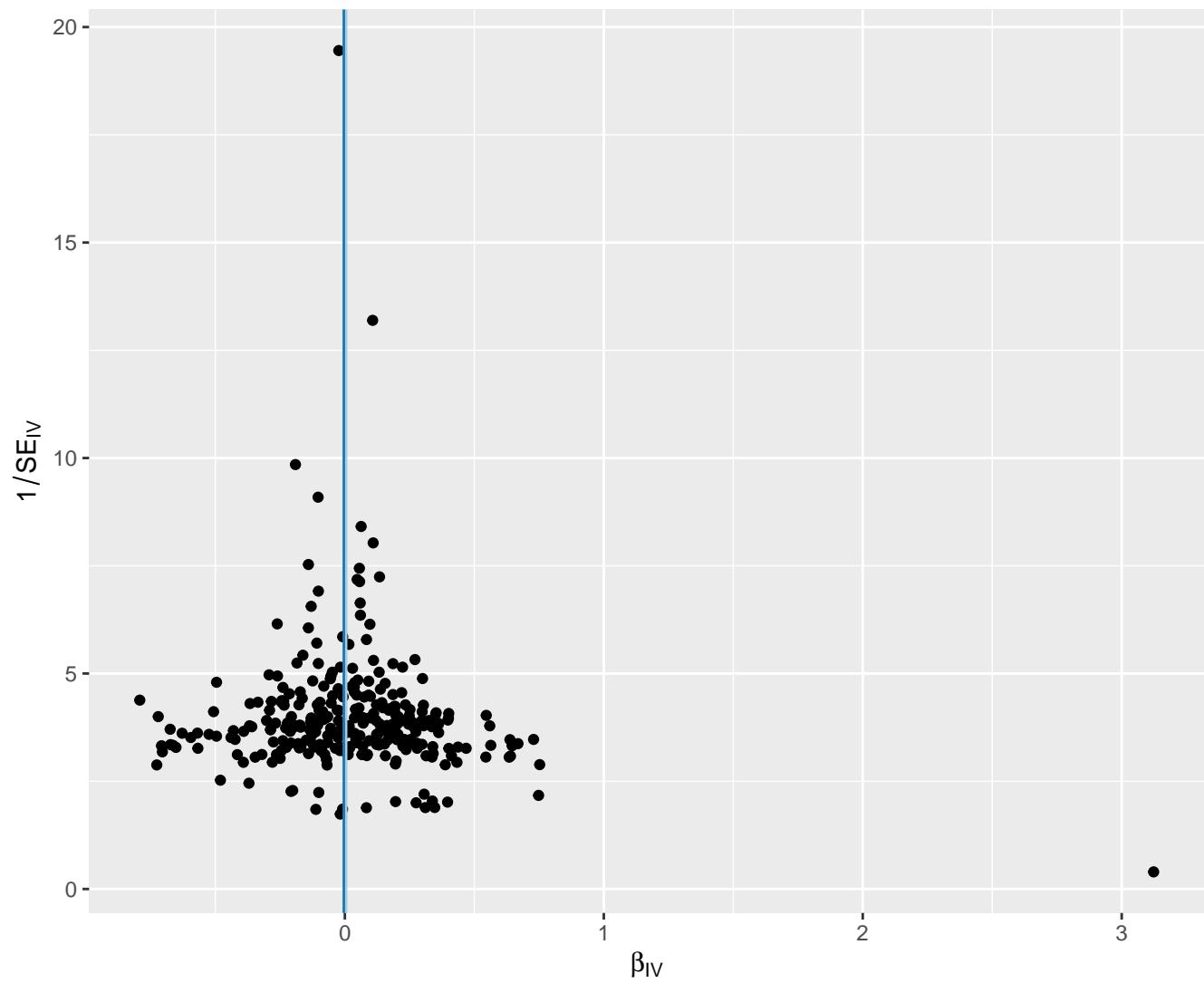


Hexanoylcarnitine

MR Method

Inverse variance weighted

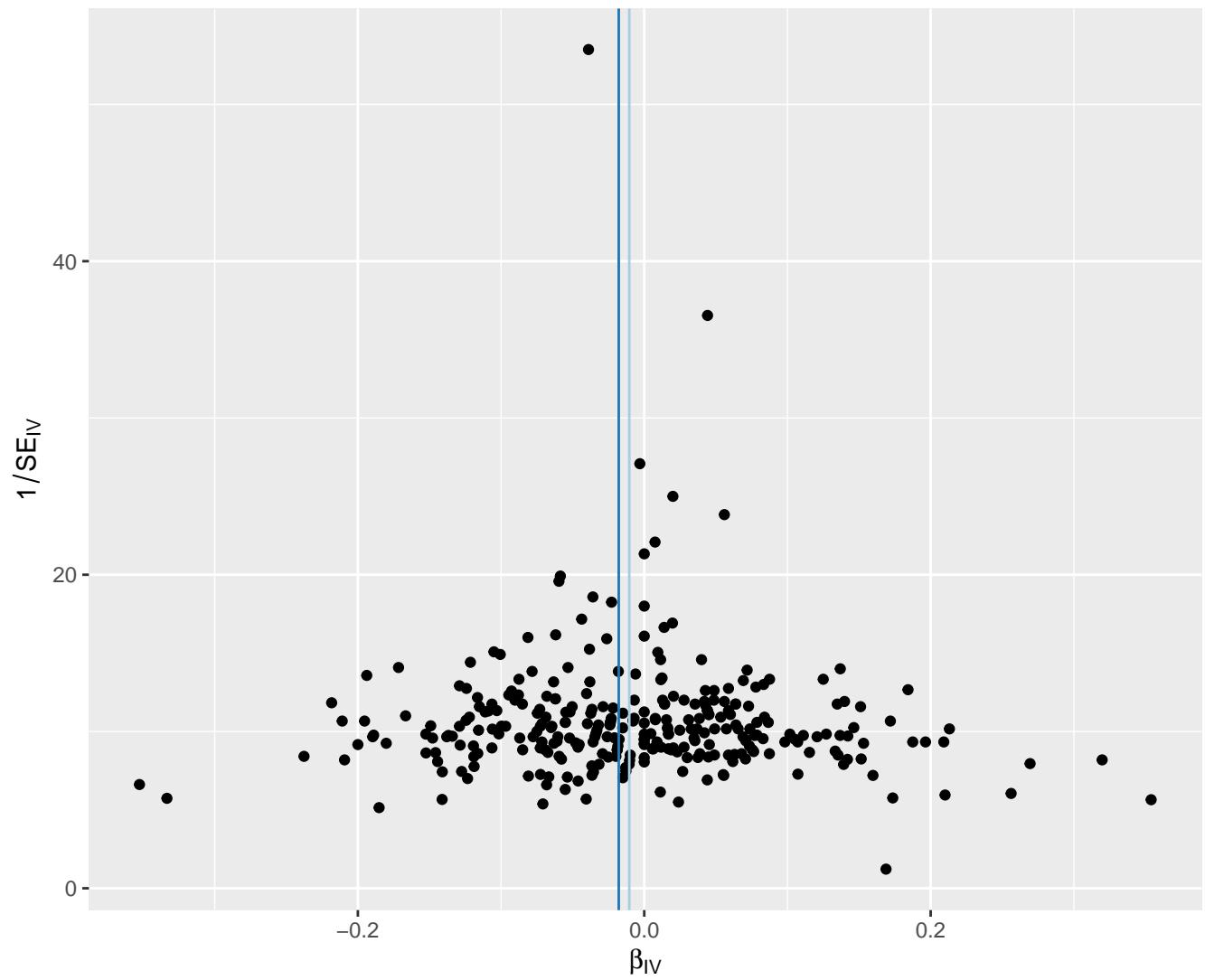
MR Egger



Histidine

MR Method

- Inverse variance weighted
- MR Egger

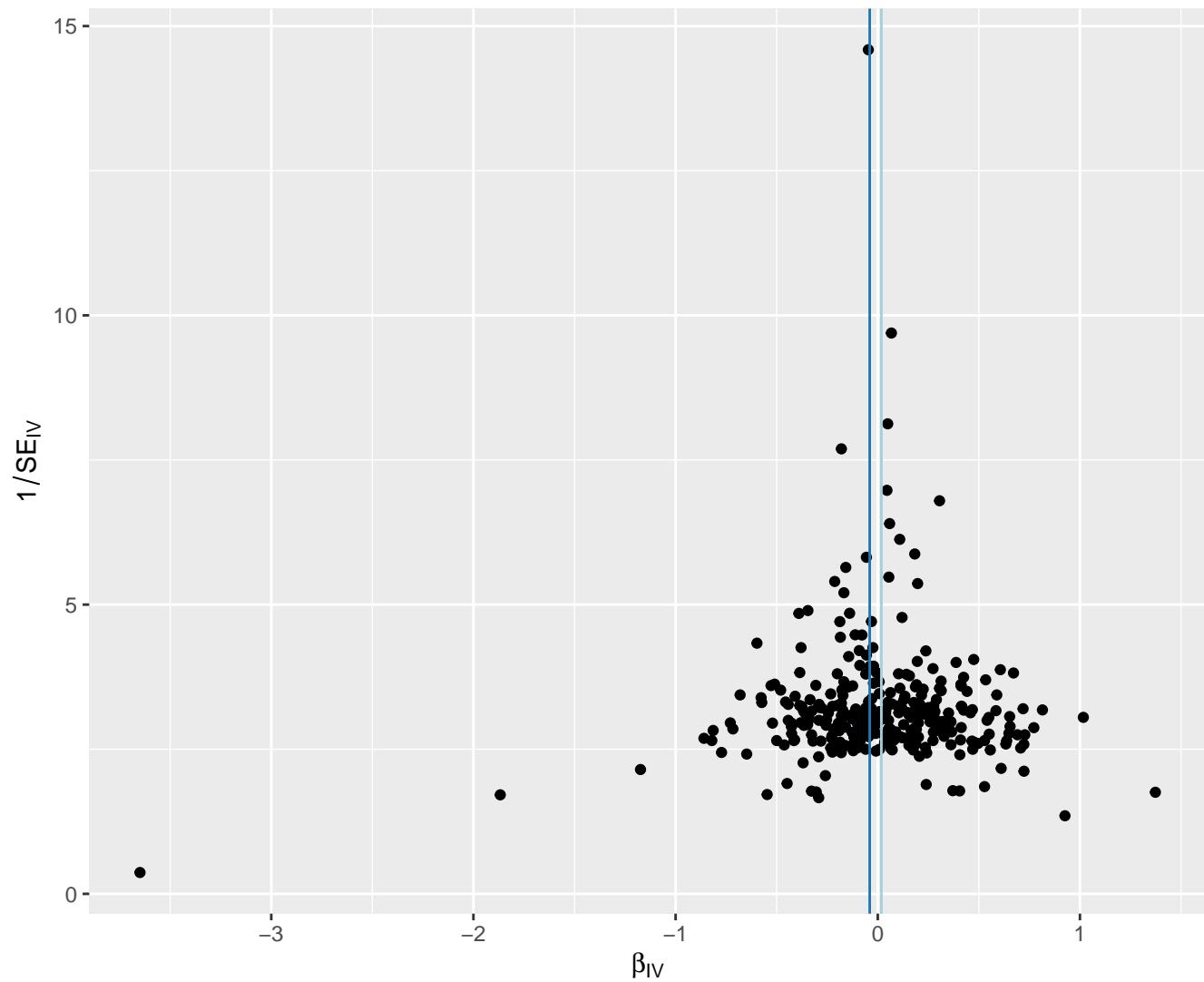


Homocitrulline

MR Method

Inverse variance weighted

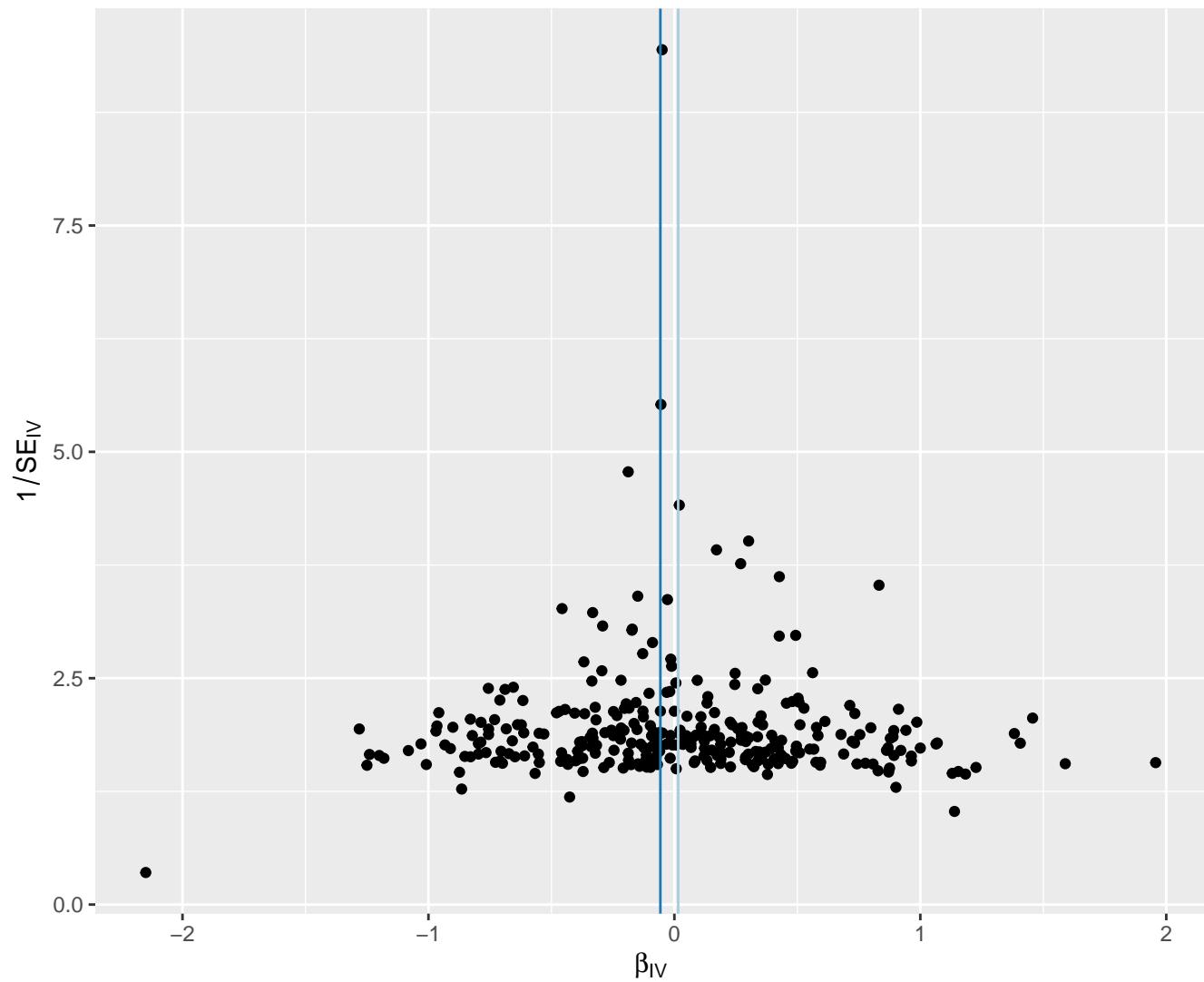
MR Egger



Homostachydrine*

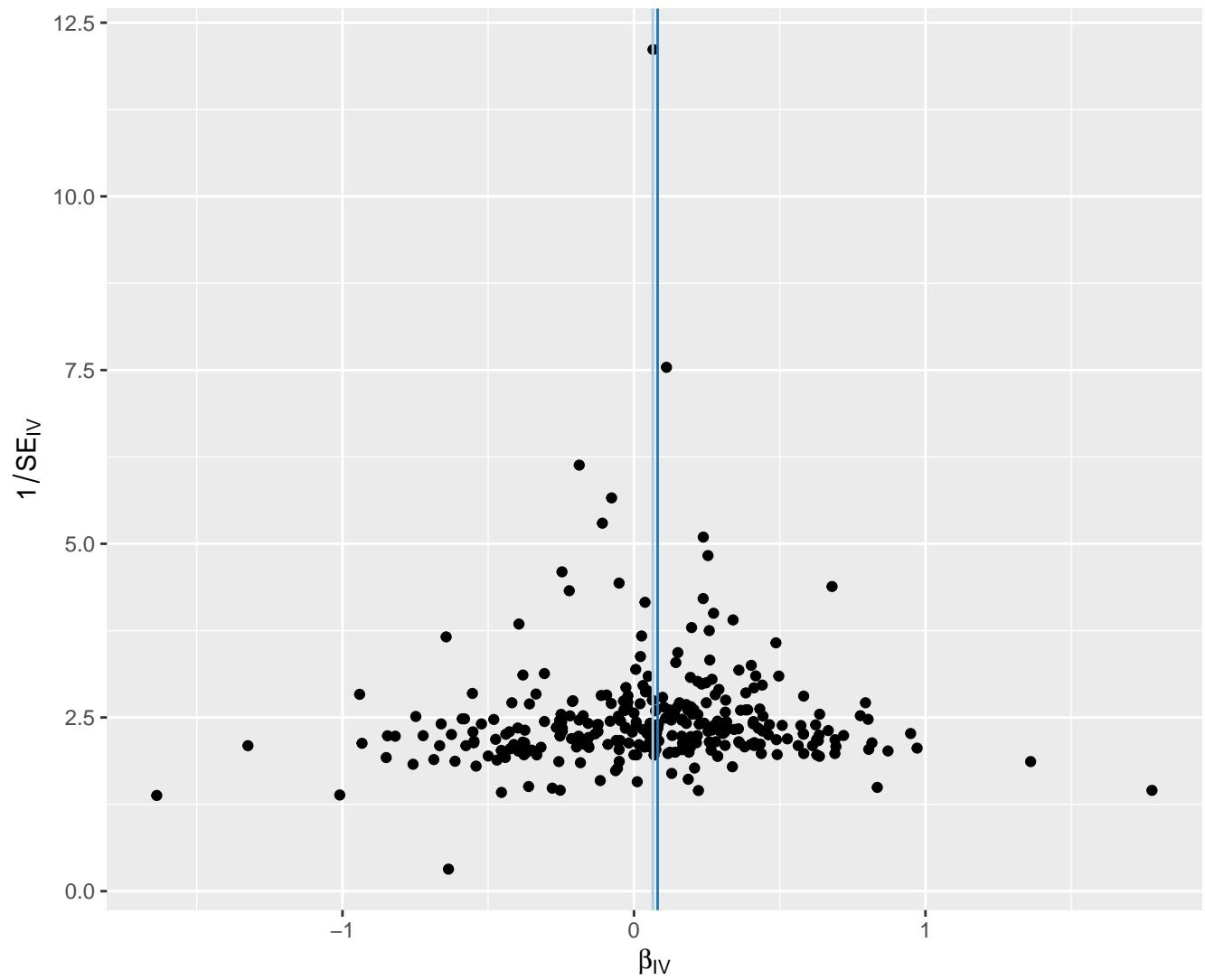
MR Method

- Inverse variance weighted
- MR Egger



MR Method

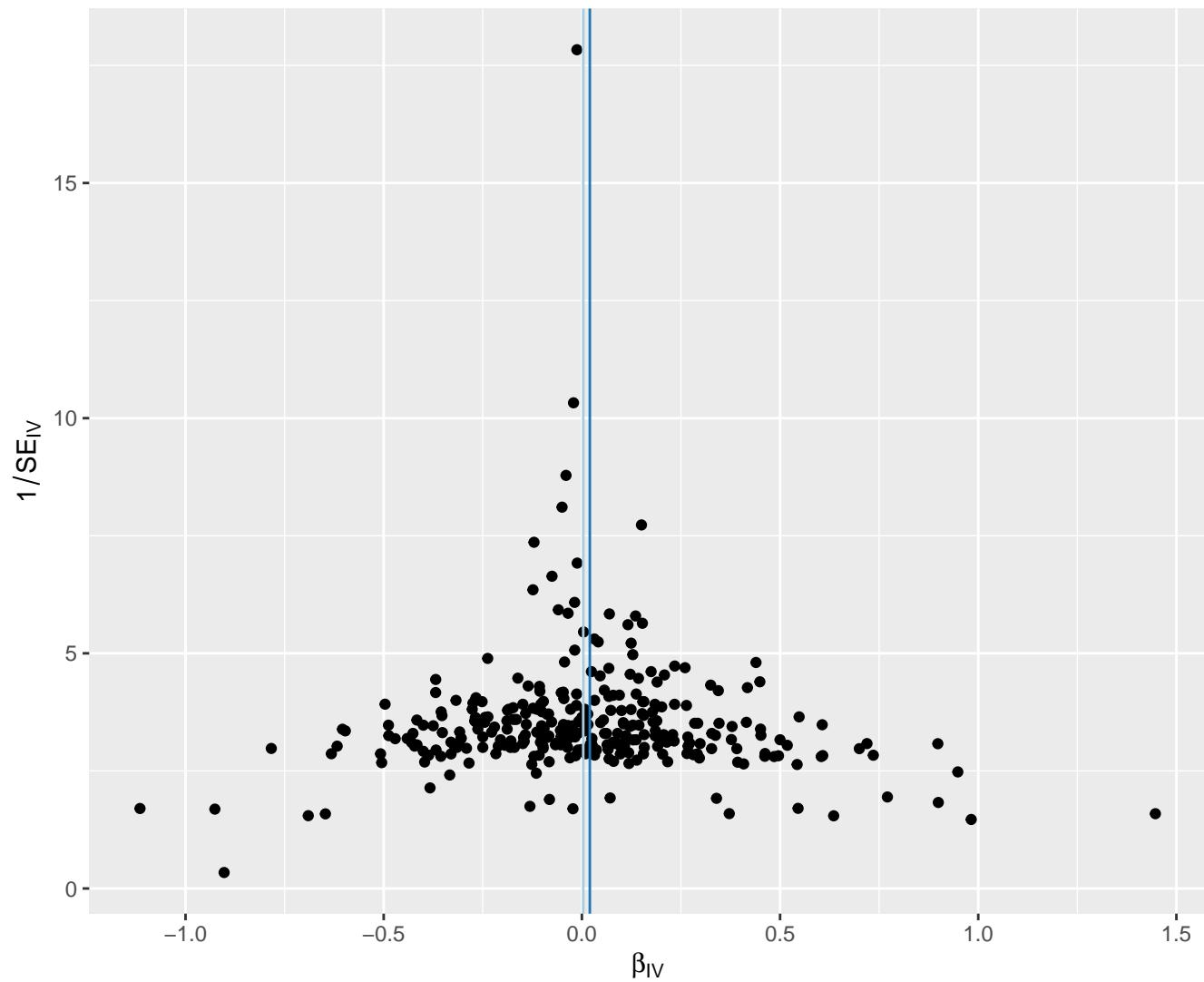
-  Inverse variance weighted
-  MR Egger



Hydroxyisovaleroyl carnitine

MR Method

- Inverse variance weighted
- MR Egger

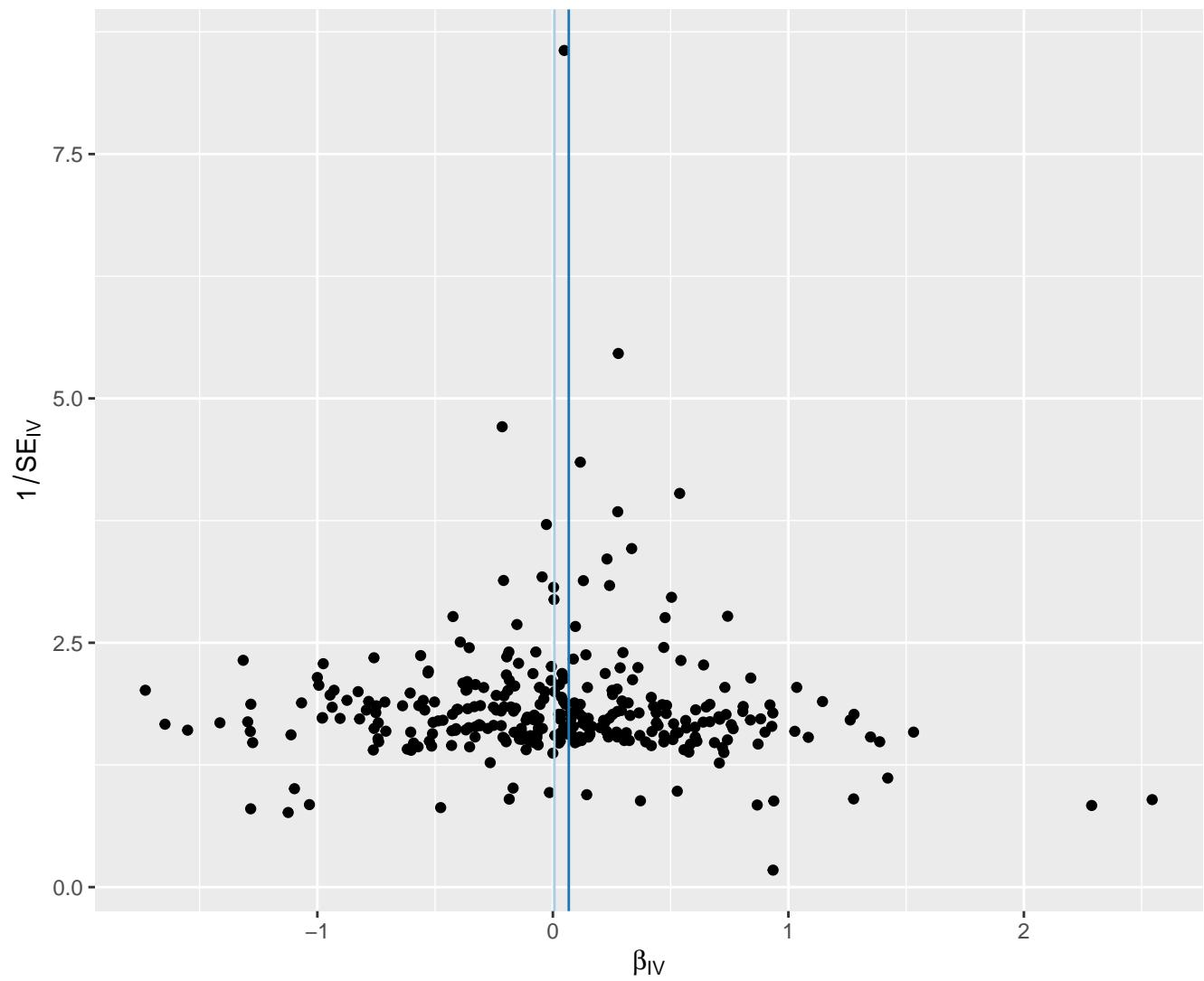


Hyodeoxycholate

MR Method

Inverse variance weighted

MR Egger

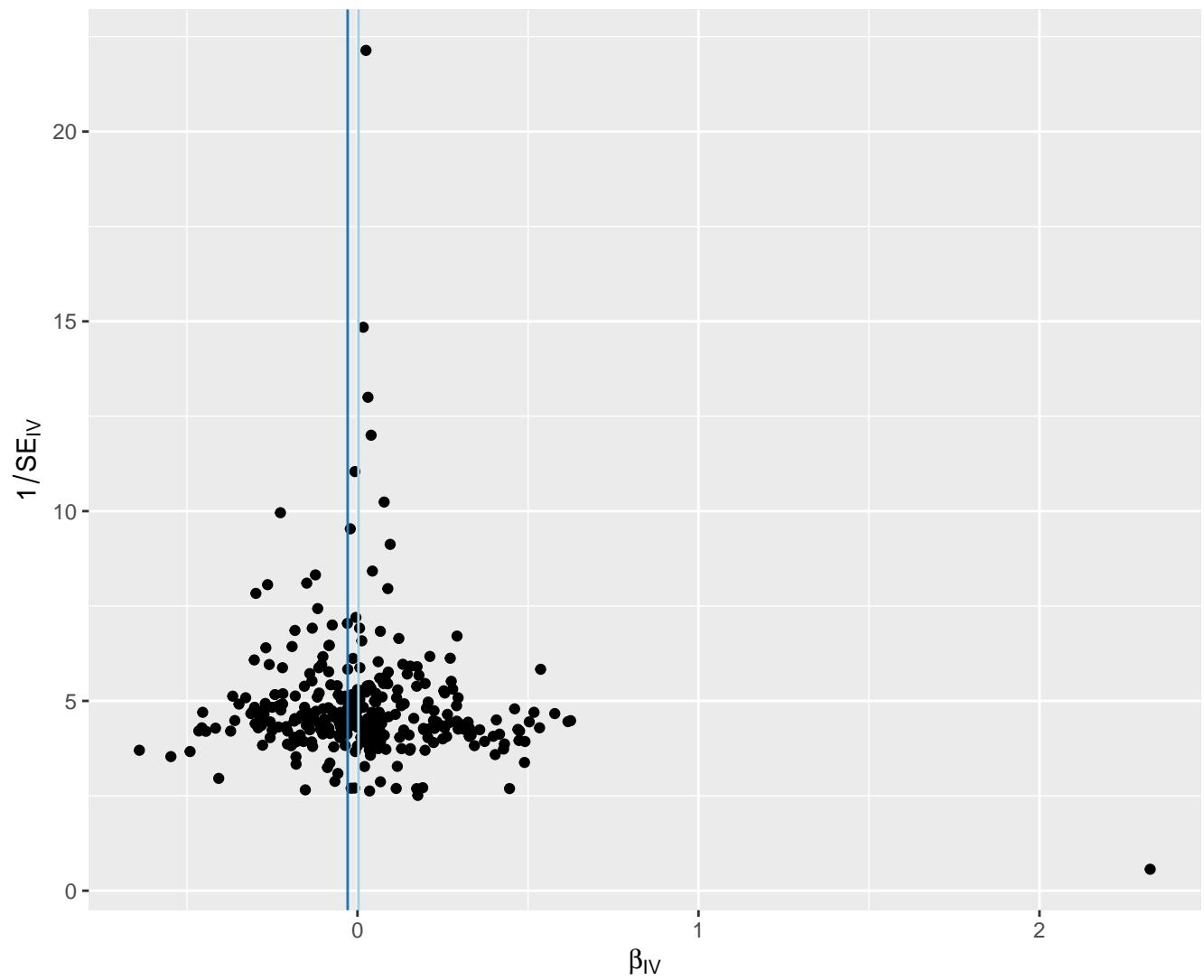


Hypoxanthine

MR Method

Inverse variance weighted

MR Egger

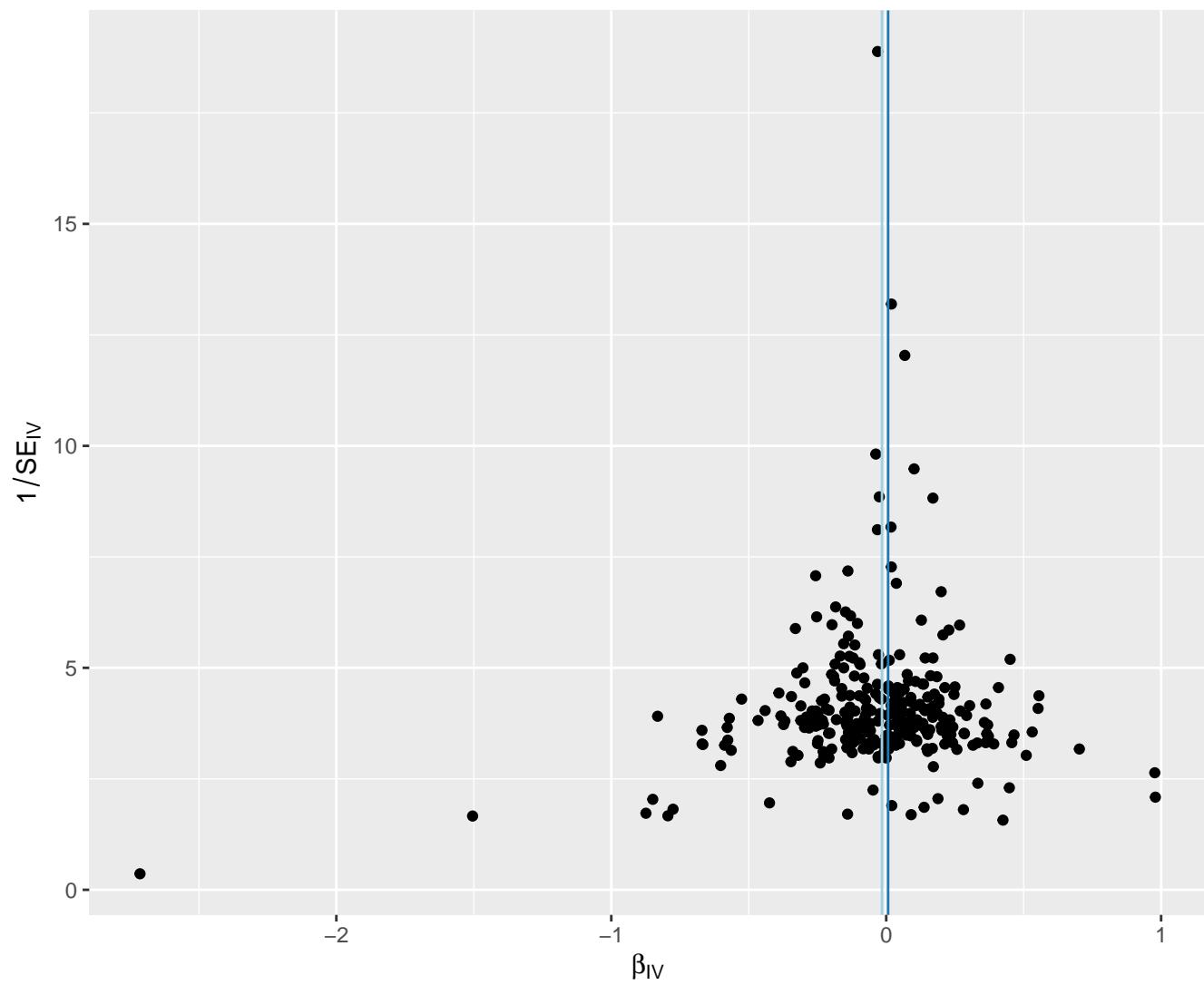


Indoleacetate

MR Method

Inverse variance weighted

MR Egger

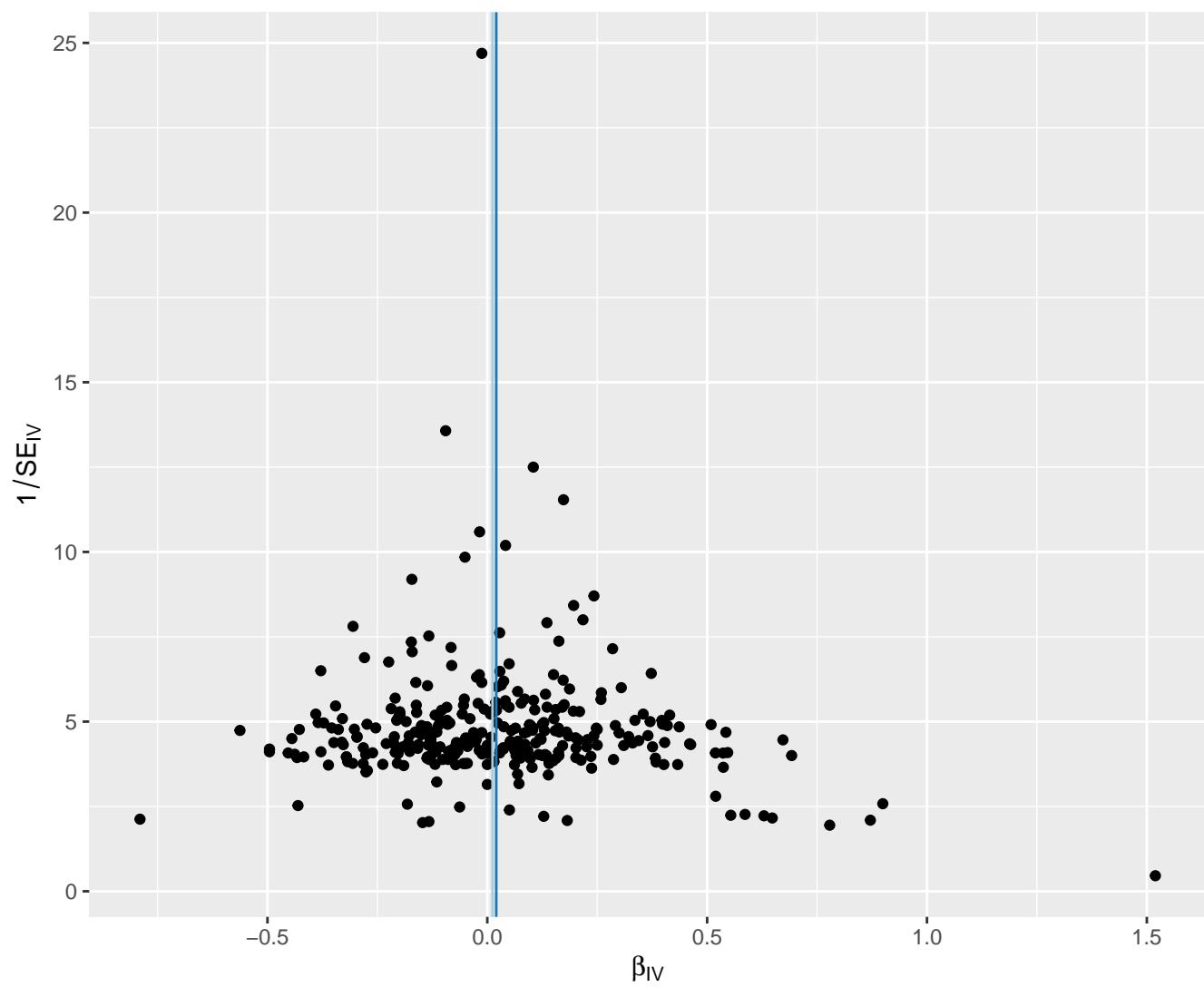


Indolelactate

MR Method

Inverse variance weighted

MR Egger

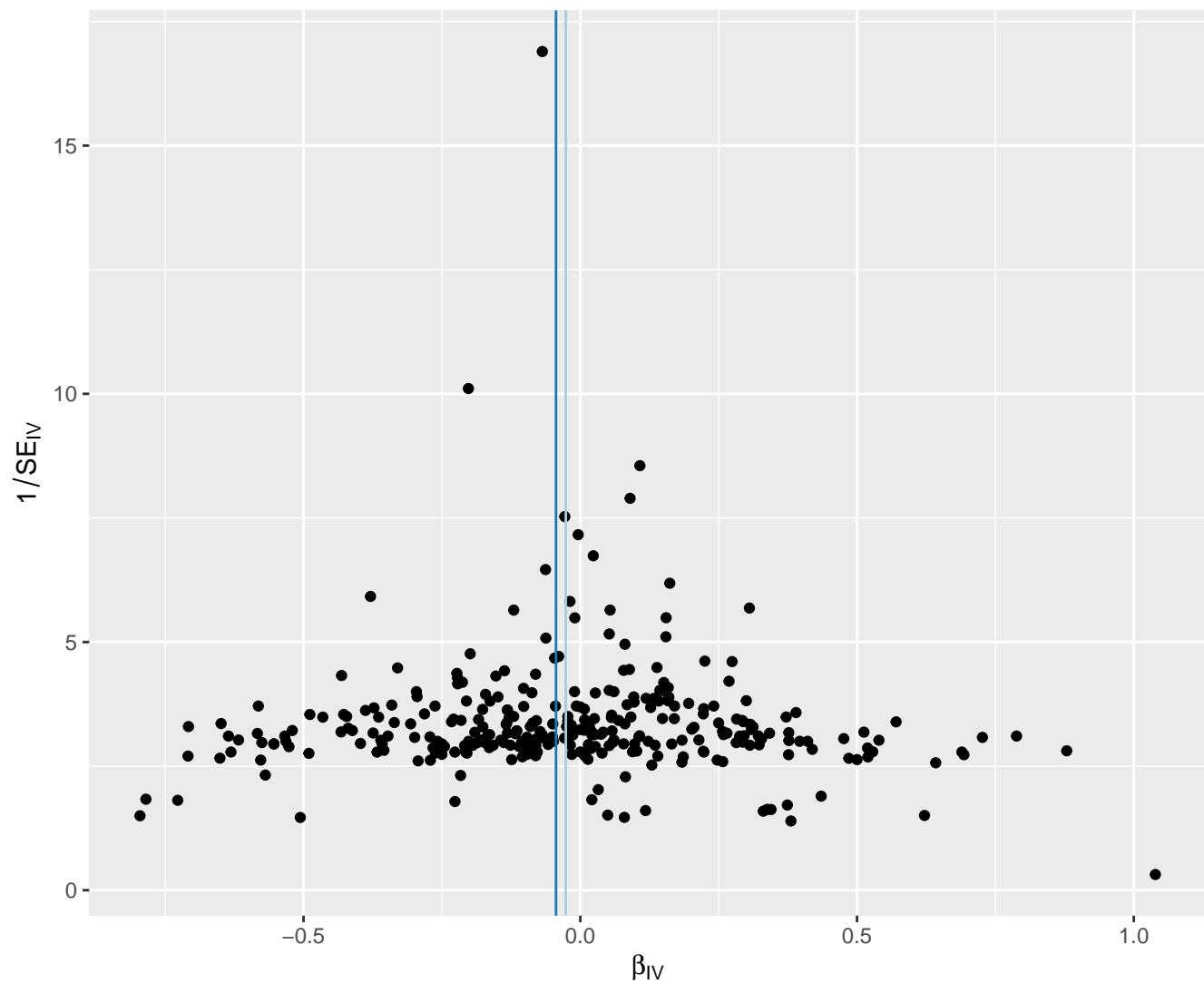


Indolepropionate

MR Method

Inverse variance weighted

MR Egger

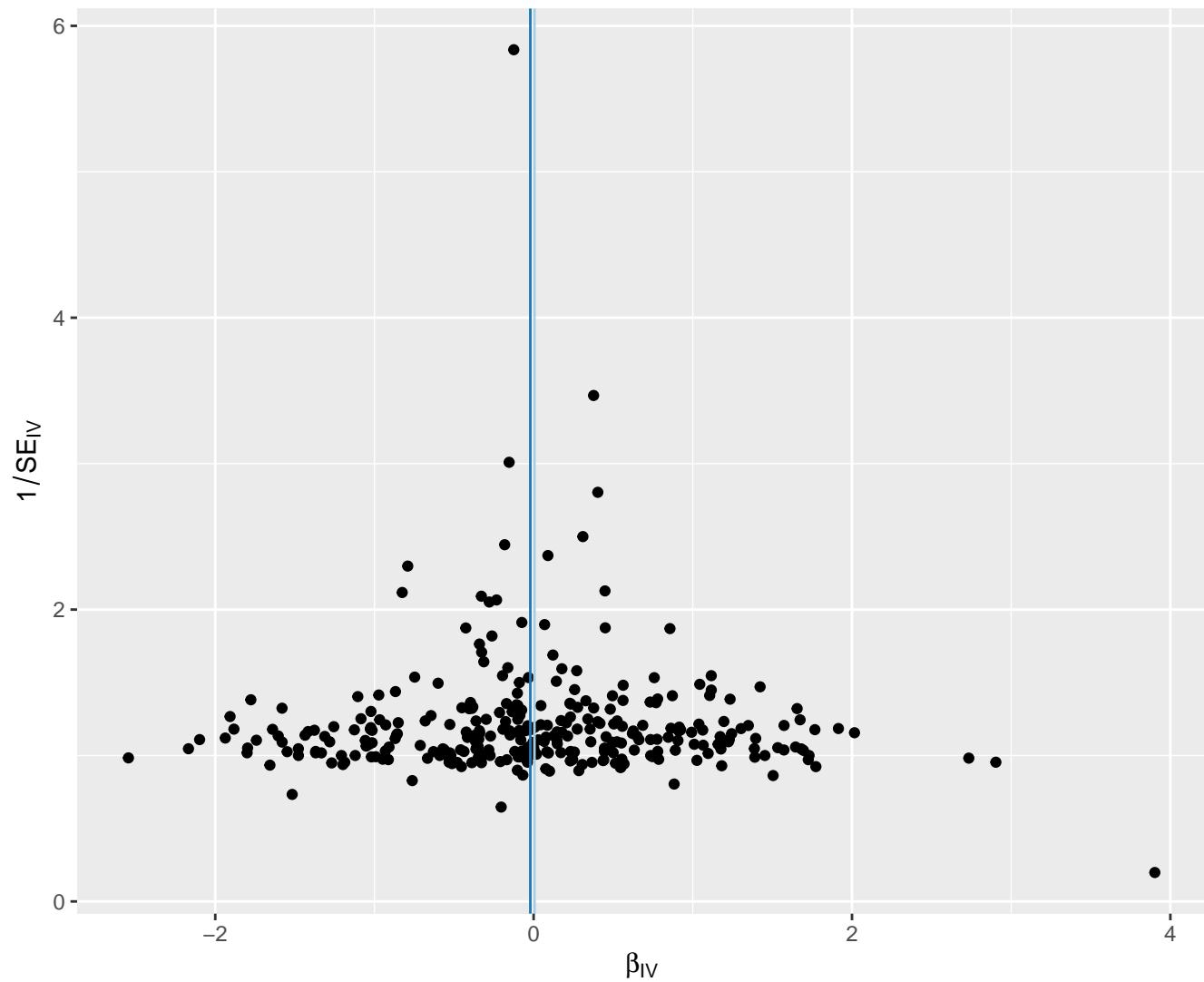


Inosine

MR Method

Inverse variance weighted

MR Egger

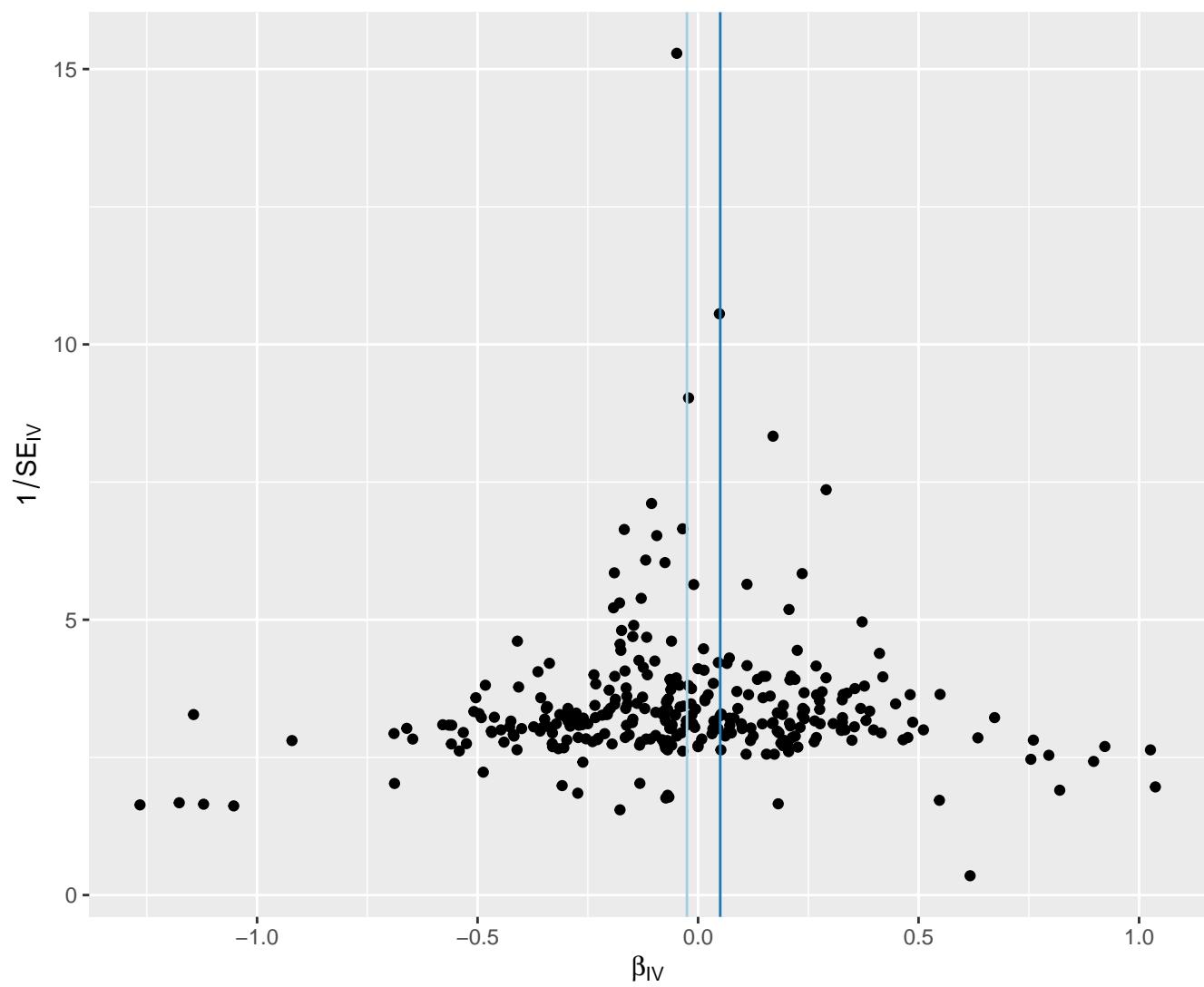


Isobutyrylcarnitine

MR Method

Inverse variance weighted

MR Egger

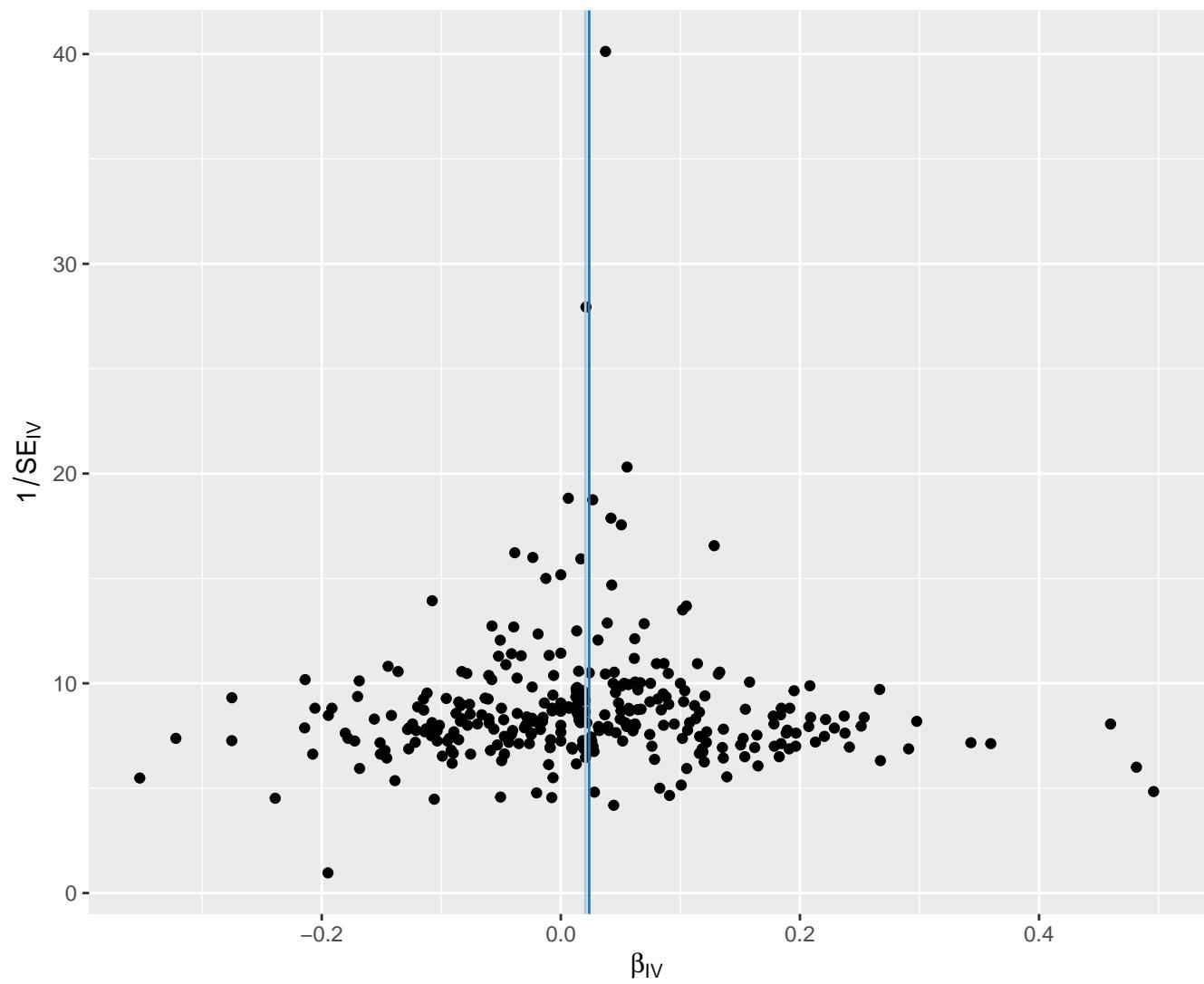


Isoleucine

MR Method

Inverse variance weighted

MR Egger

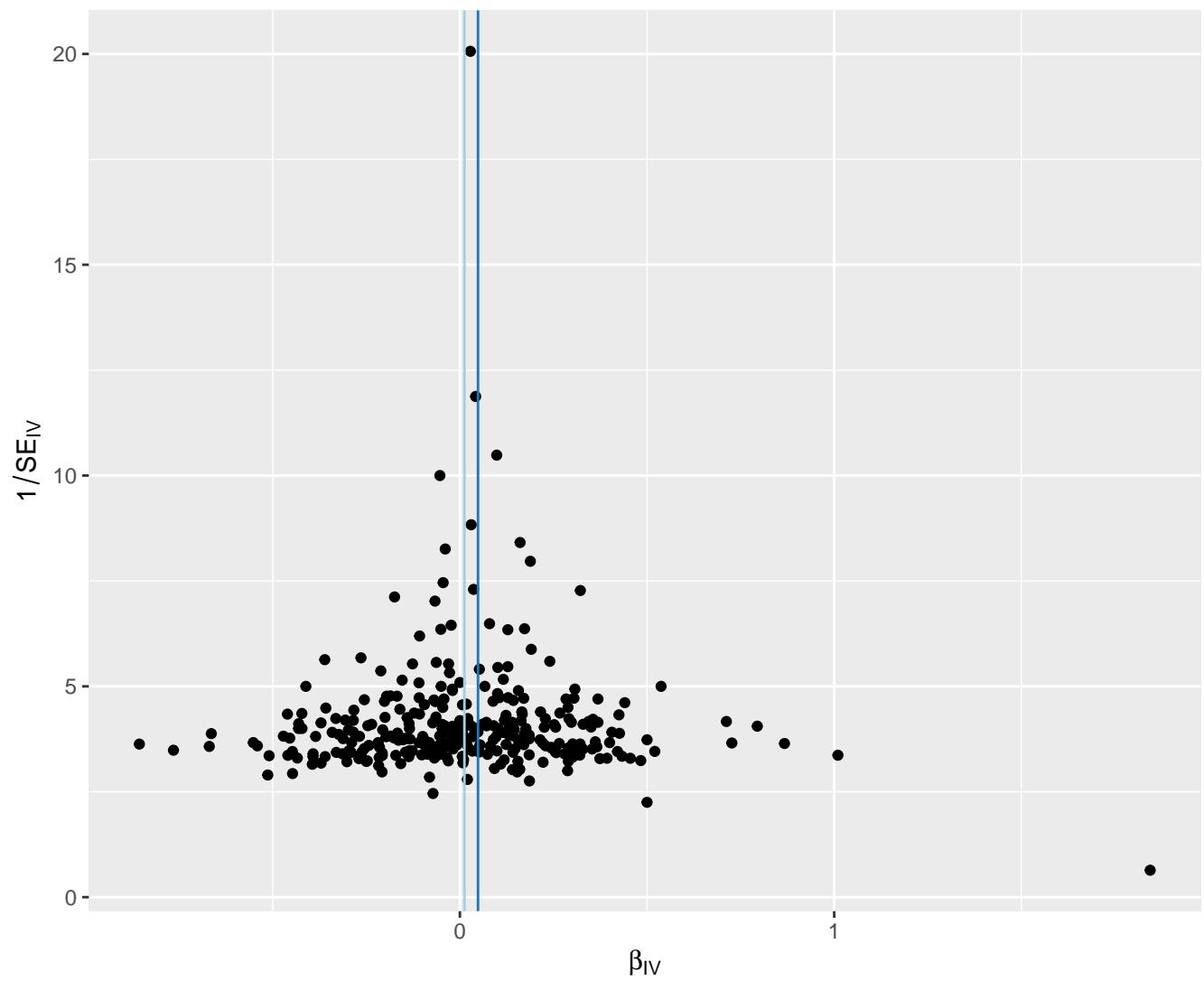


Isovalerate

MR Method

Inverse variance weighted

MR Egger

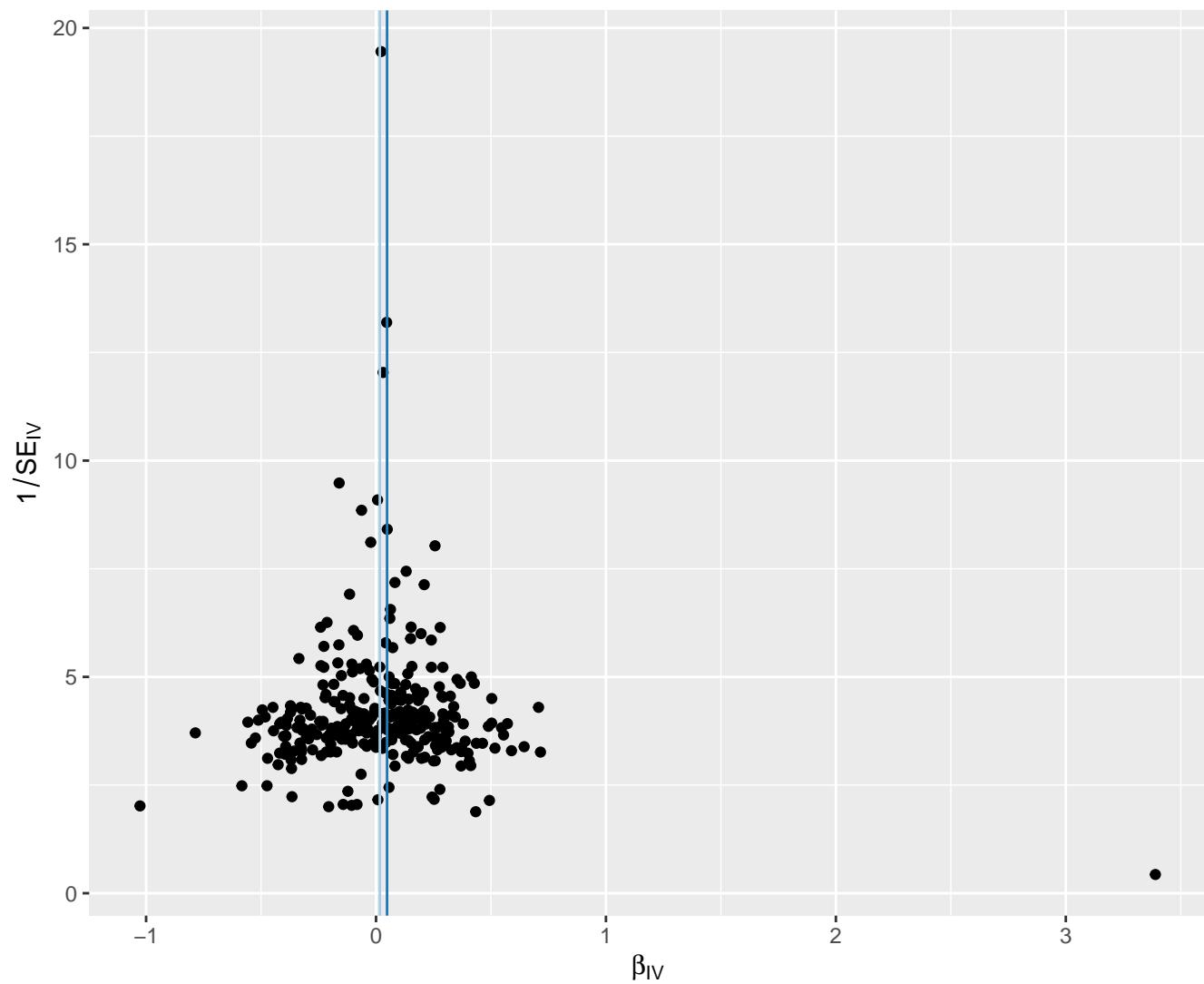


Isovalerylcarnitine

MR Method

Inverse variance weighted

MR Egger

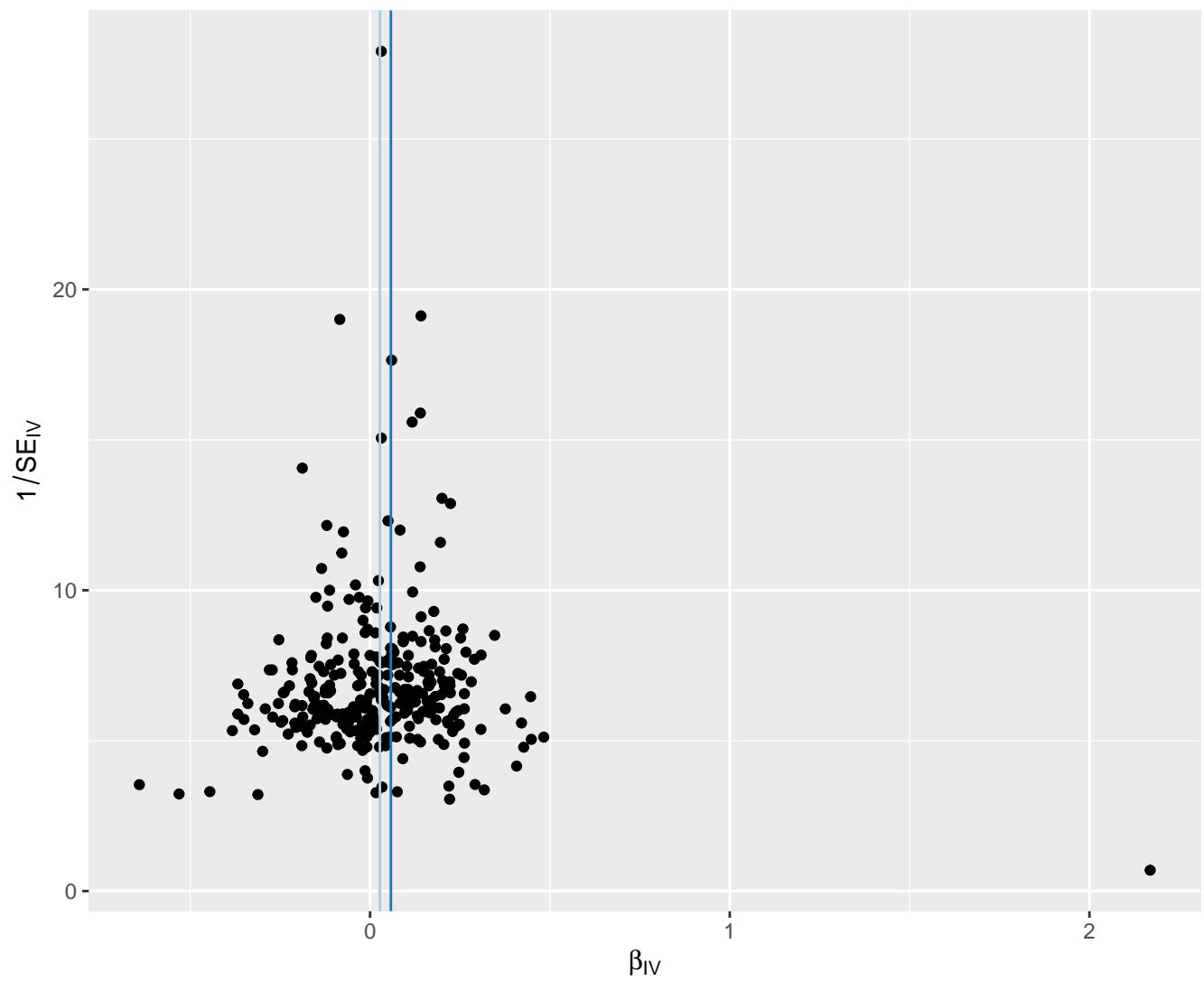


Kynurenone

MR Method

Inverse variance weighted

MR Egger

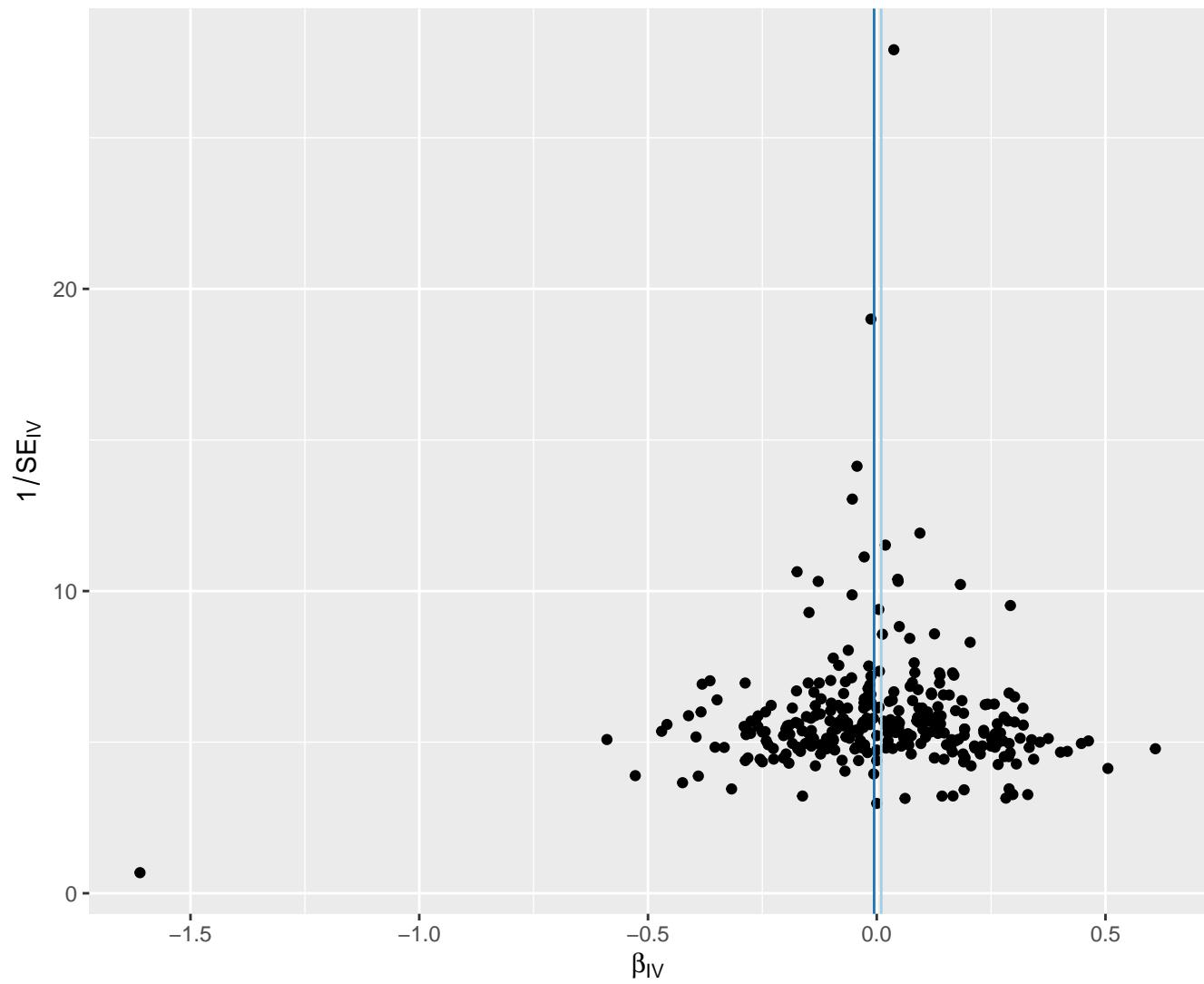


Lactate

MR Method

Inverse variance weighted

MR Egger

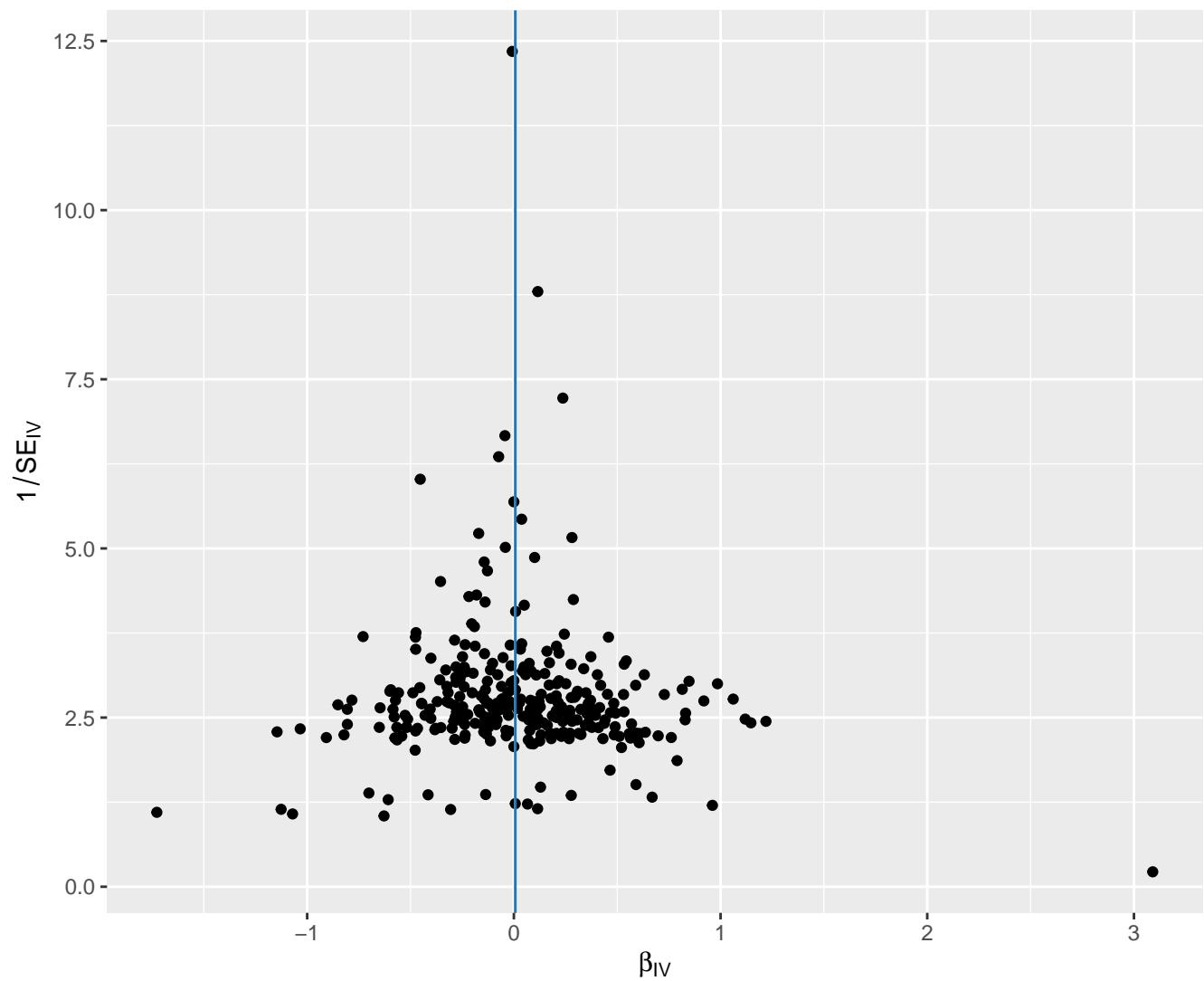


Lathosterol

MR Method

Inverse variance weighted

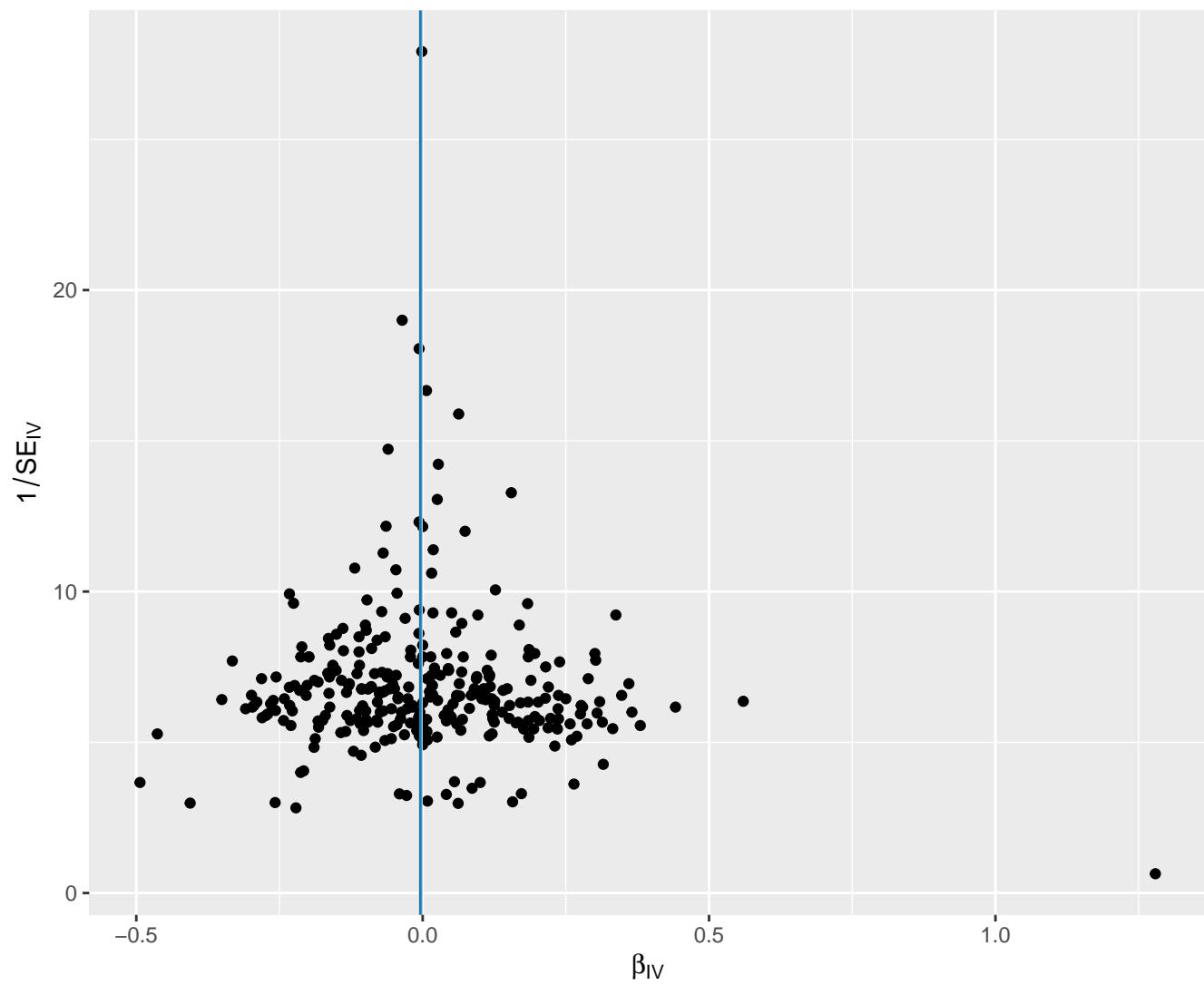
MR Egger



MR Method

Inverse variance weighted

MR Egger

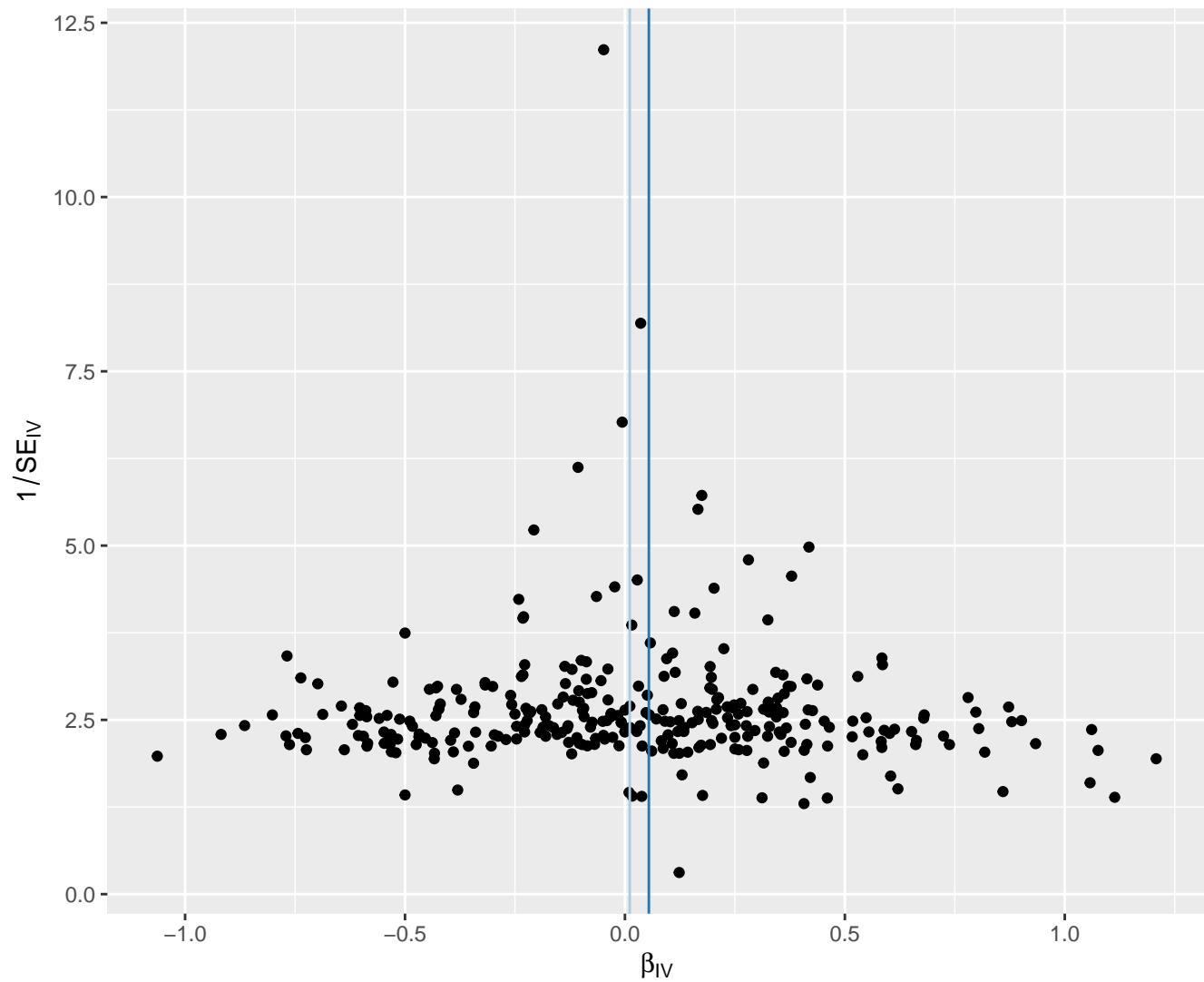


Laurylcarnitine

MR Method

Inverse variance weighted

MR Egger

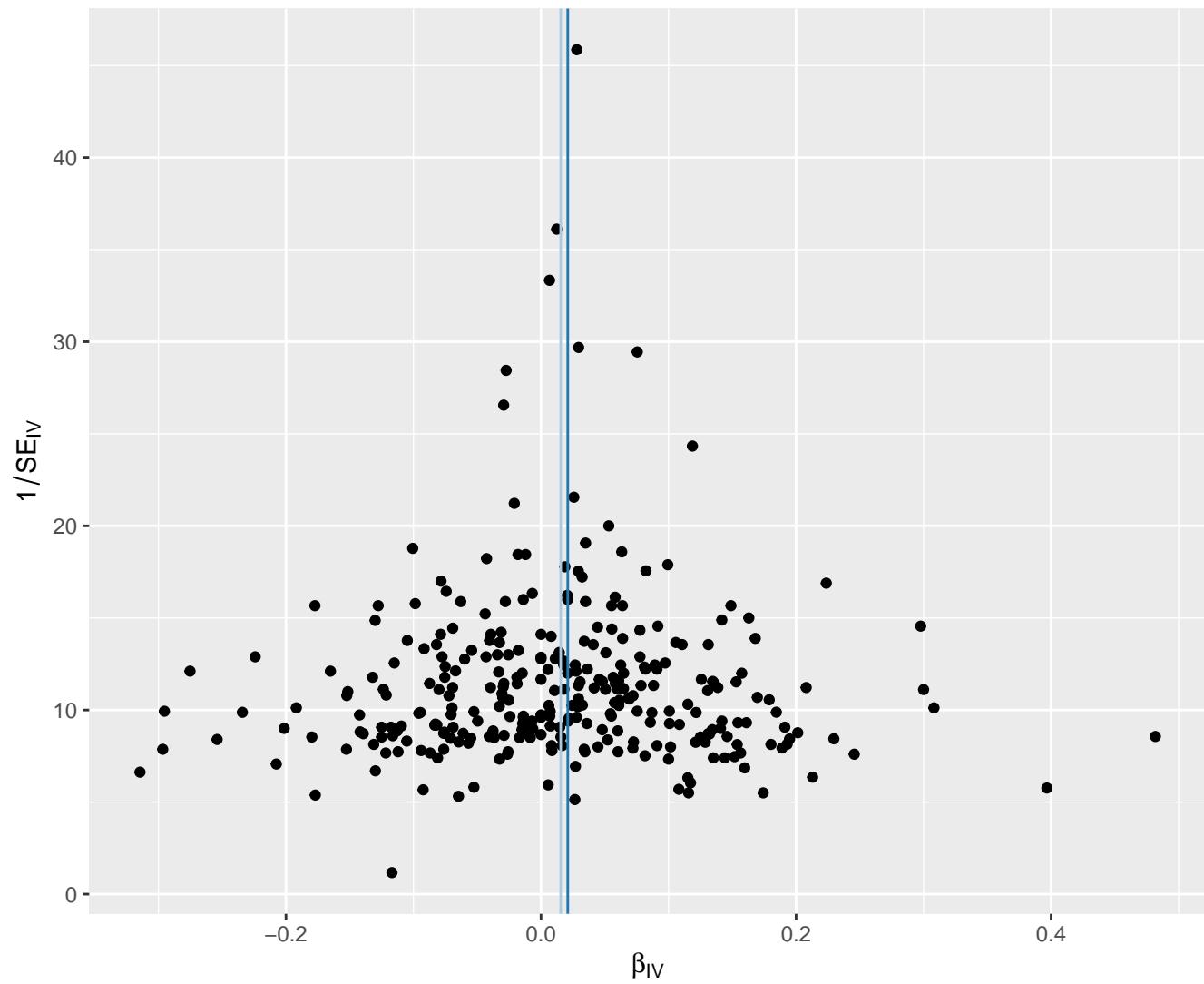


Leucine

MR Method

Inverse variance weighted

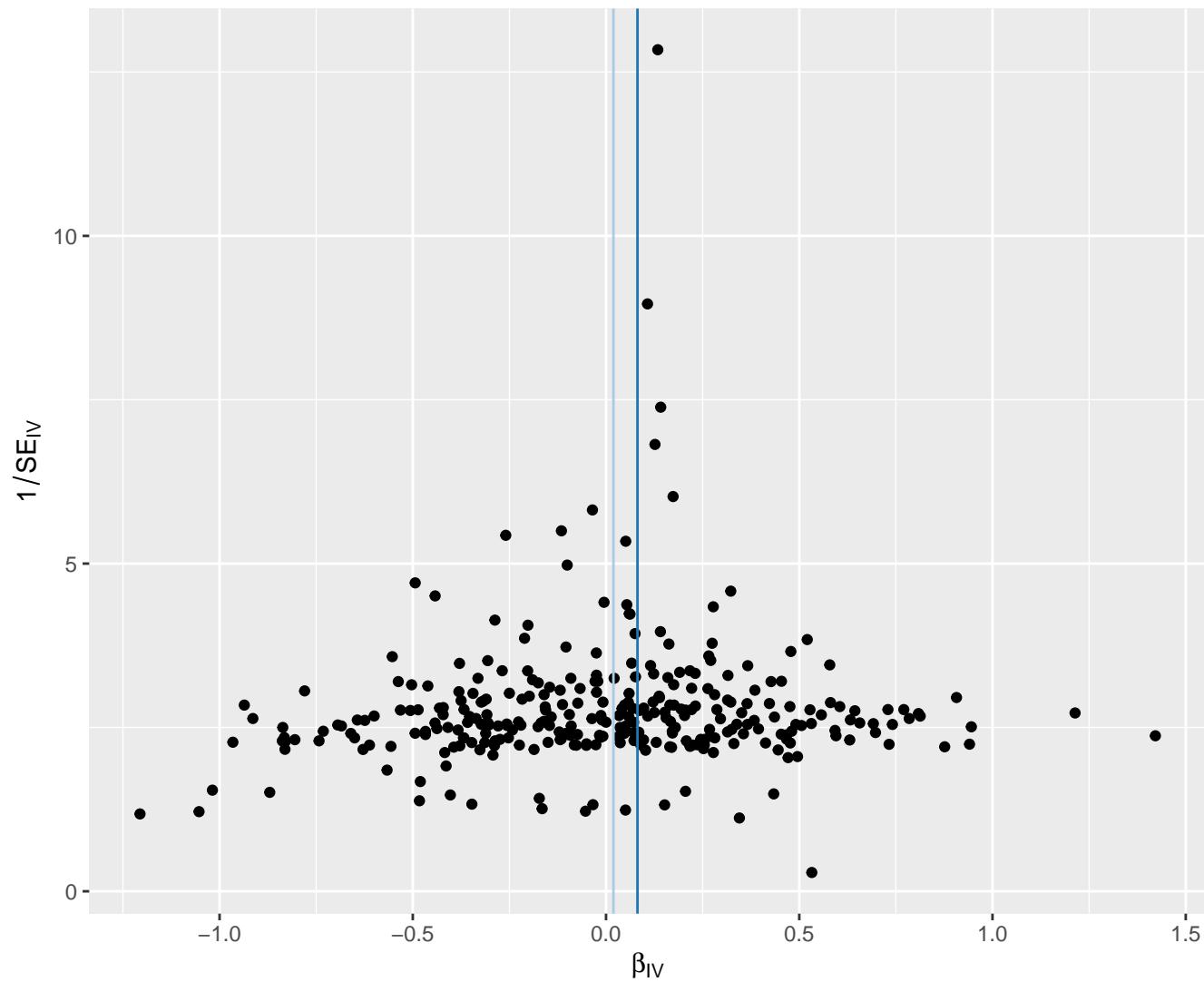
MR Egger



Leucylleucine

MR Method

- Inverse variance weighted
- MR Egger

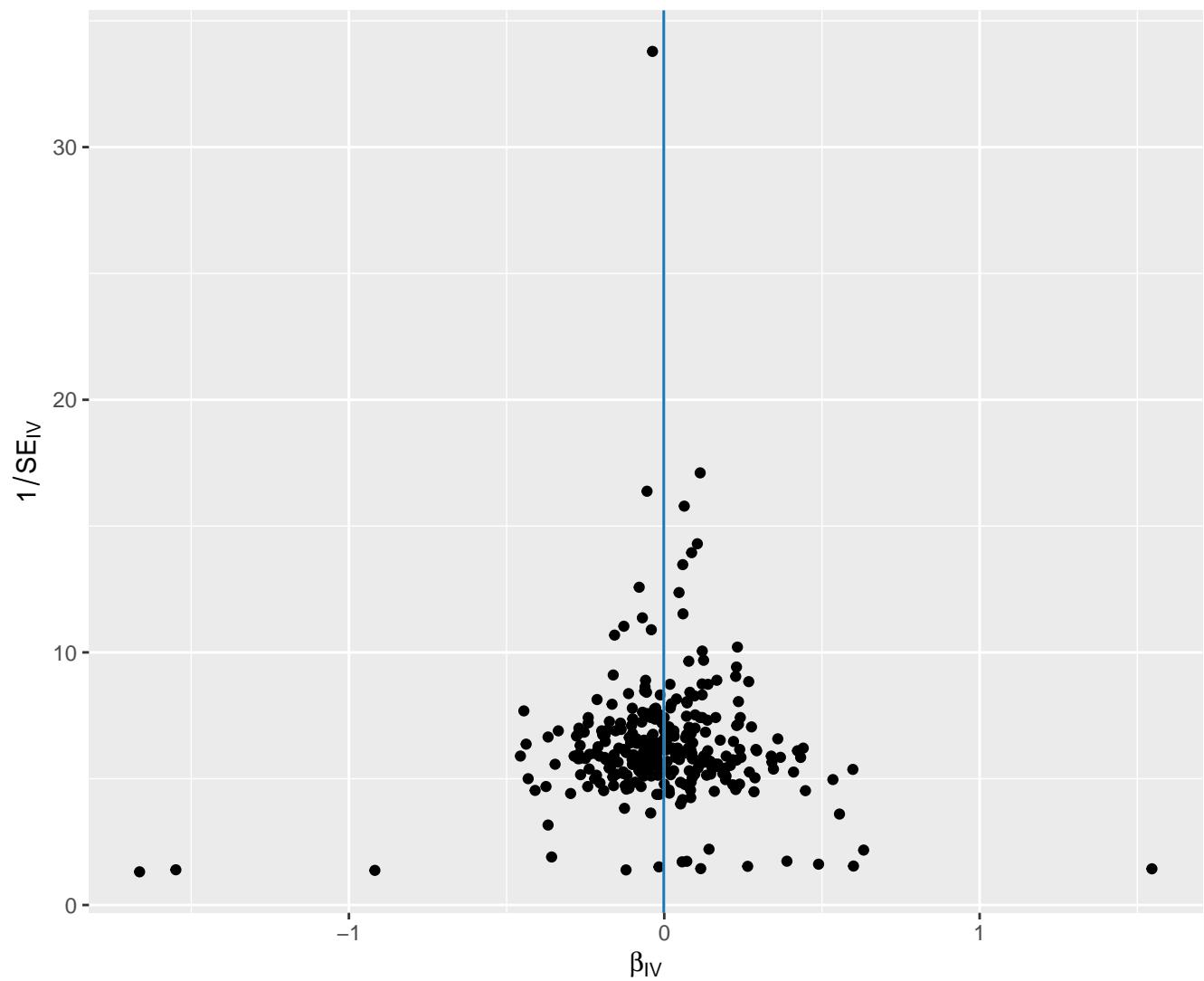


Levulinate (4-oxovalerate)

MR Method

Inverse variance weighted

MR Egger

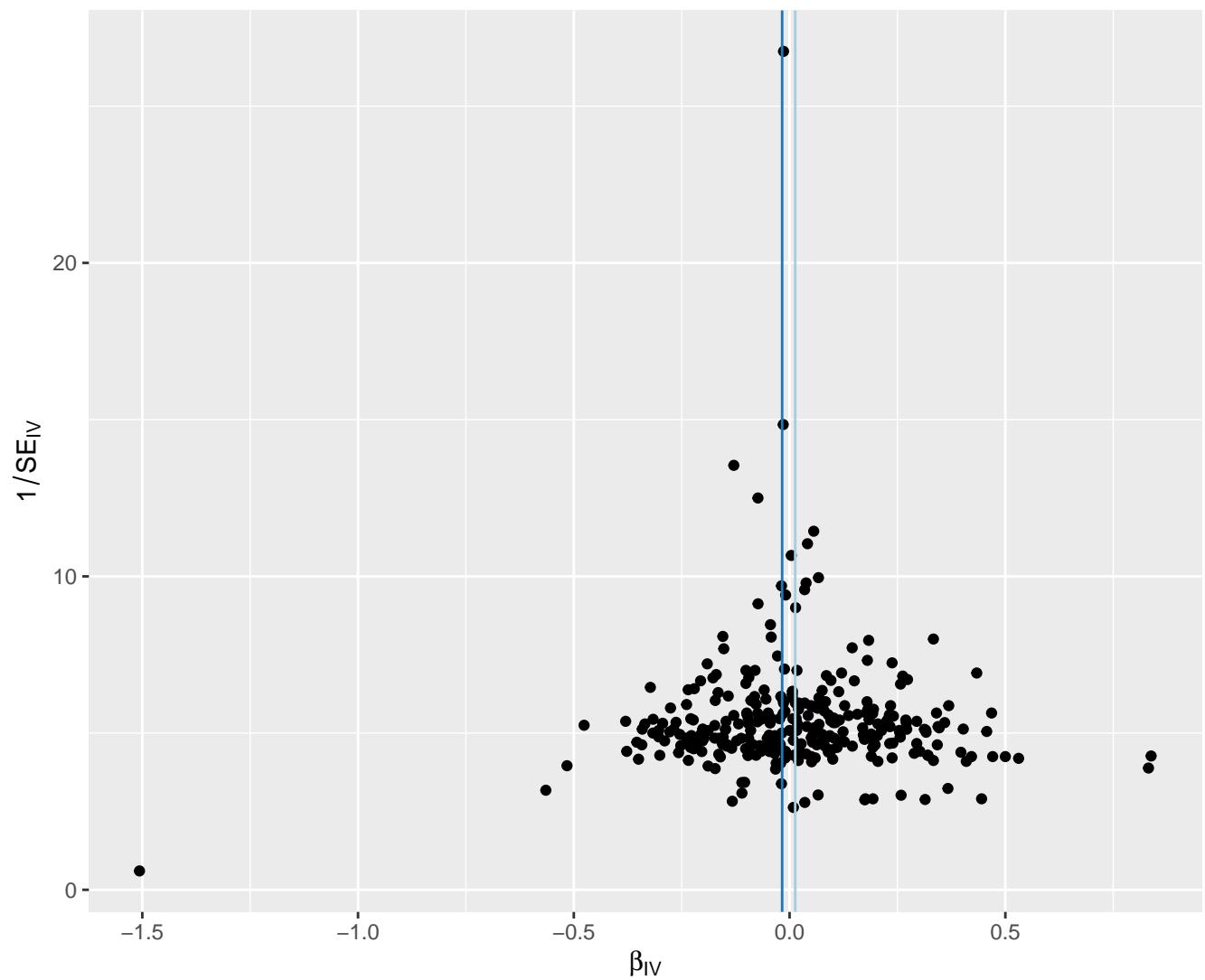


Linoleate (18:2n6)

MR Method

Inverse variance weighted

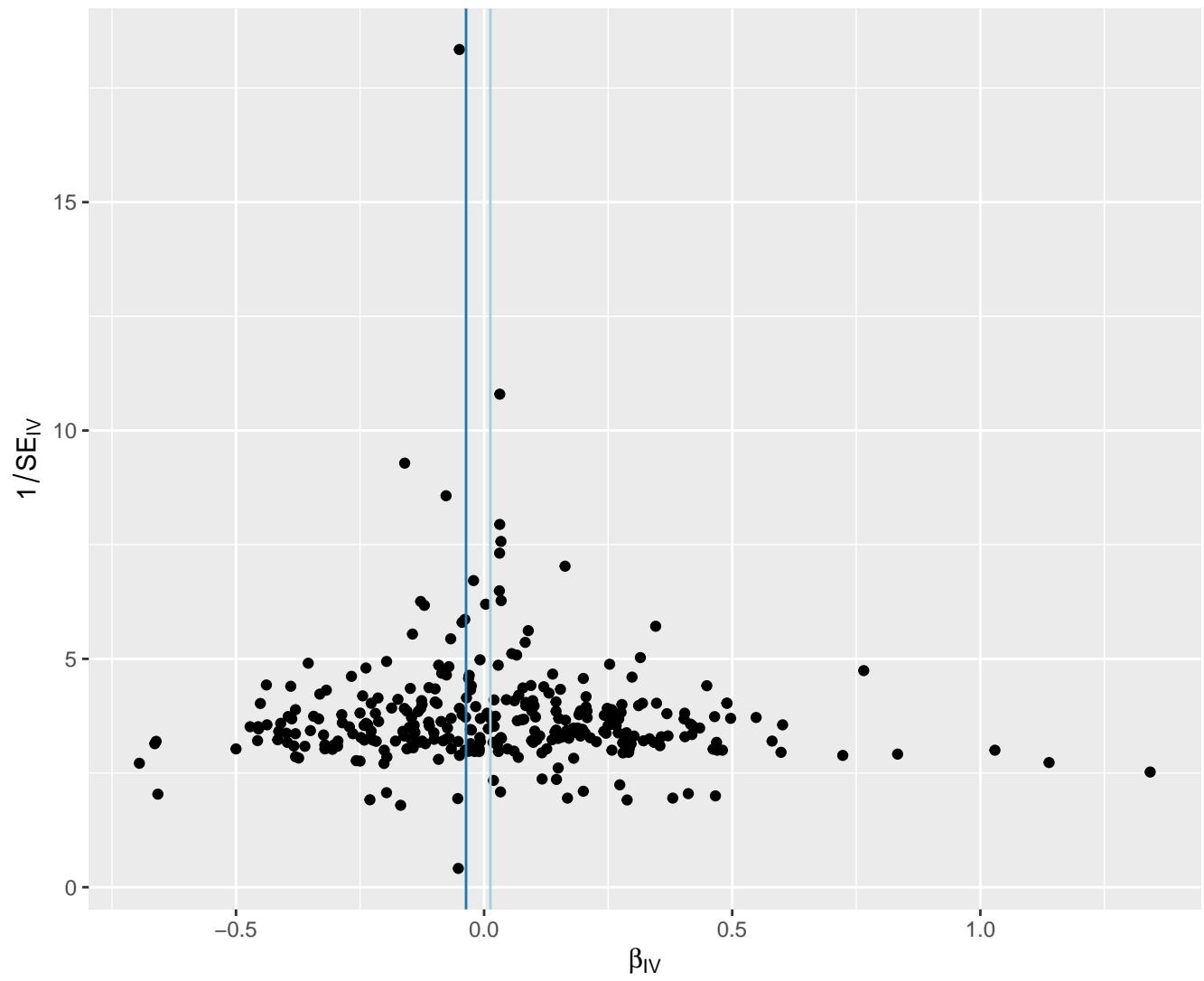
MR Egger



Linolenate [alpha or gamma; (18:3n3 or 6)]

MR Method

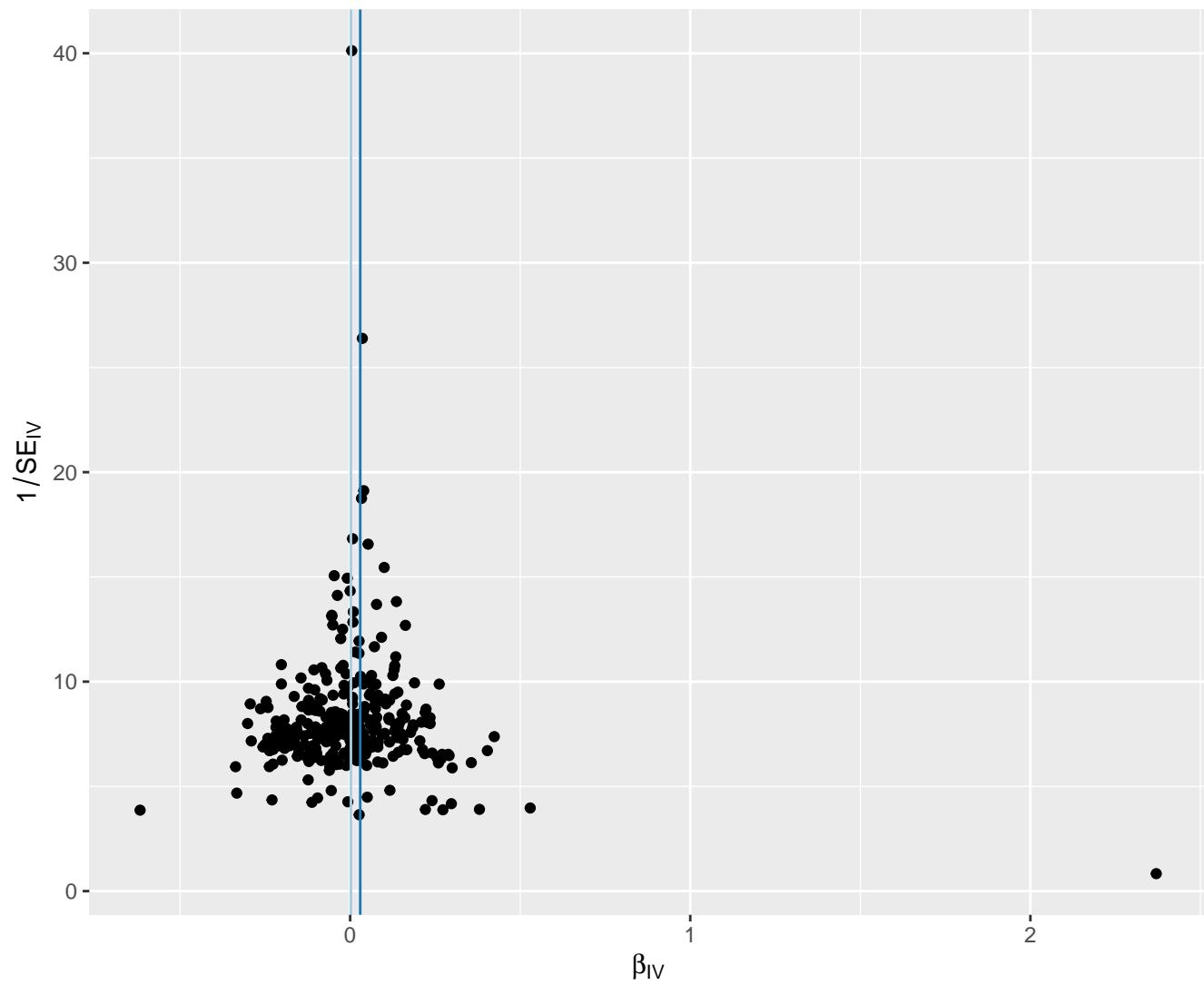
- Inverse variance weighted
- MR Egger



Lysine

MR Method

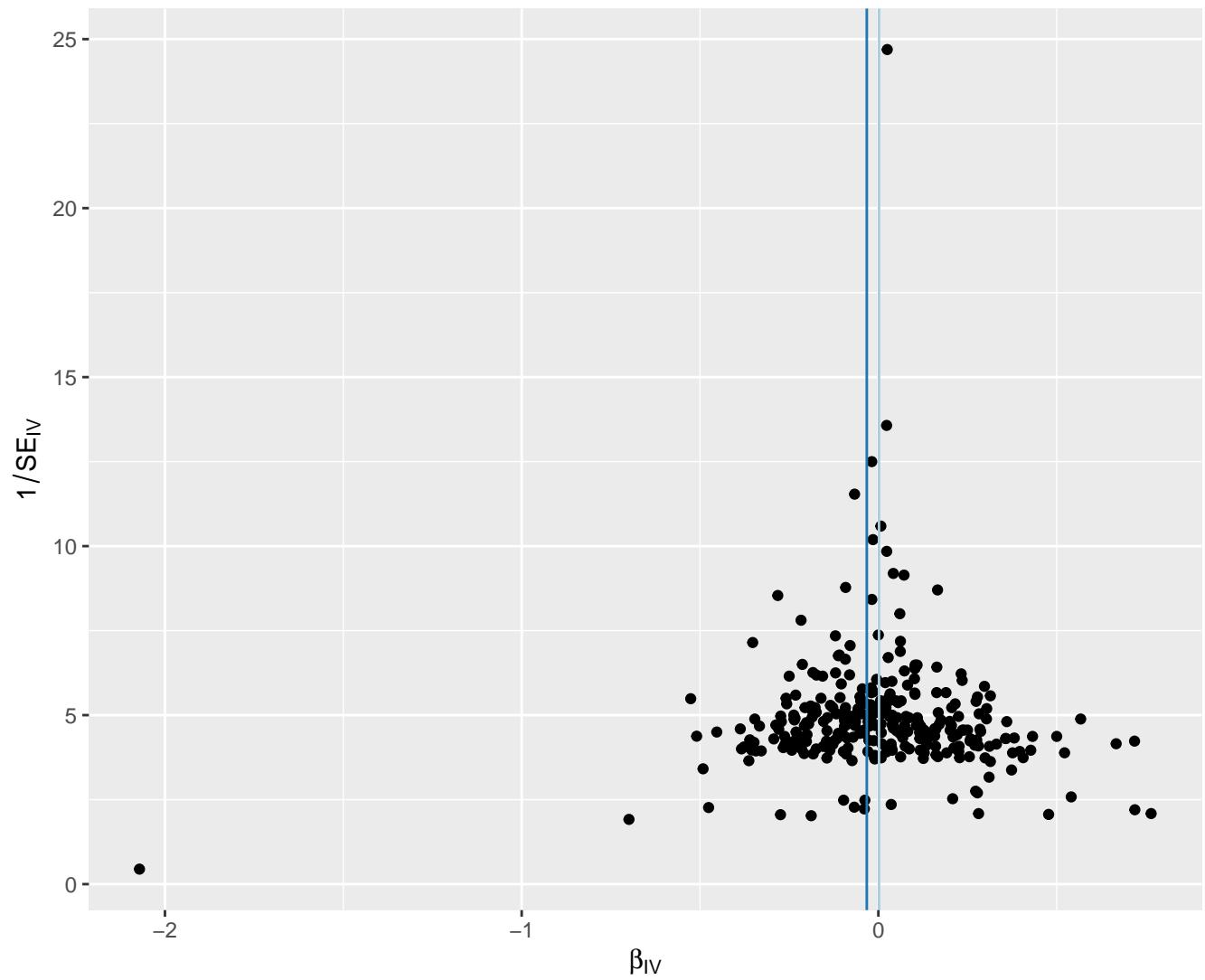
- Inverse variance weighted
- MR Egger



Malate

MR Method

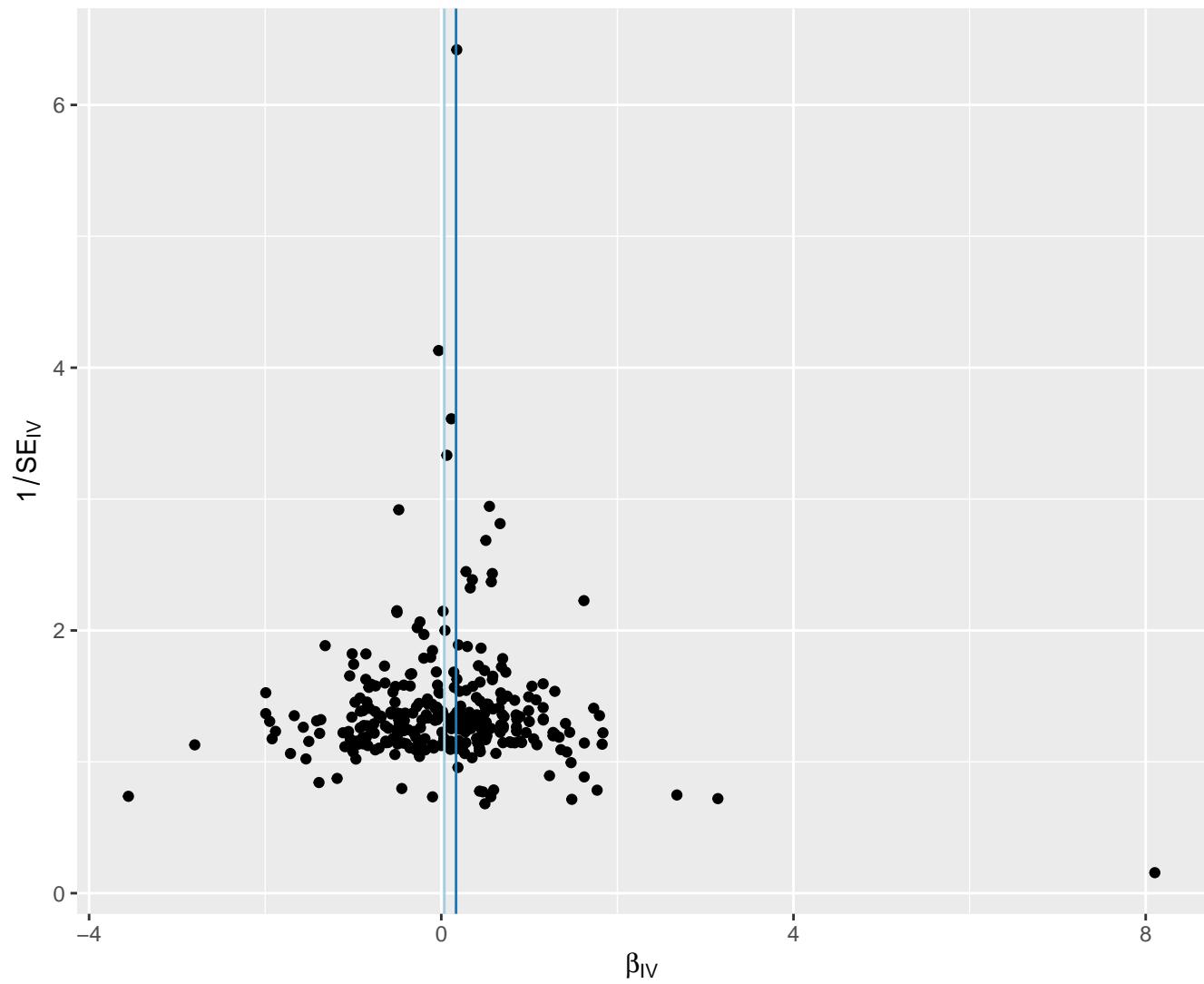
- Inverse variance weighted
- MR Egger



Mannitol

MR Method

 Inverse variance weighted
MR Egger

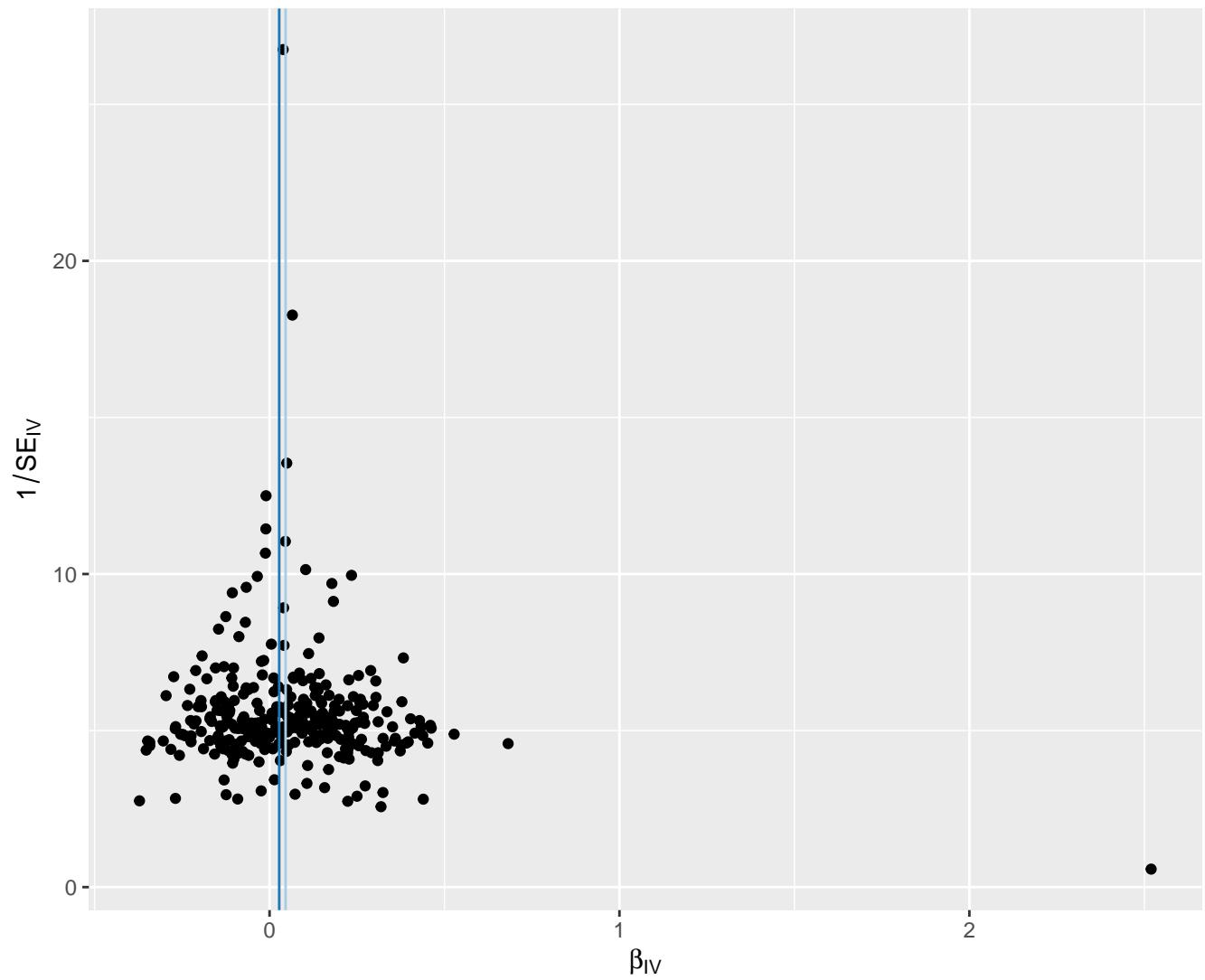


Mannose

MR Method

Inverse variance weighted

MR Egger

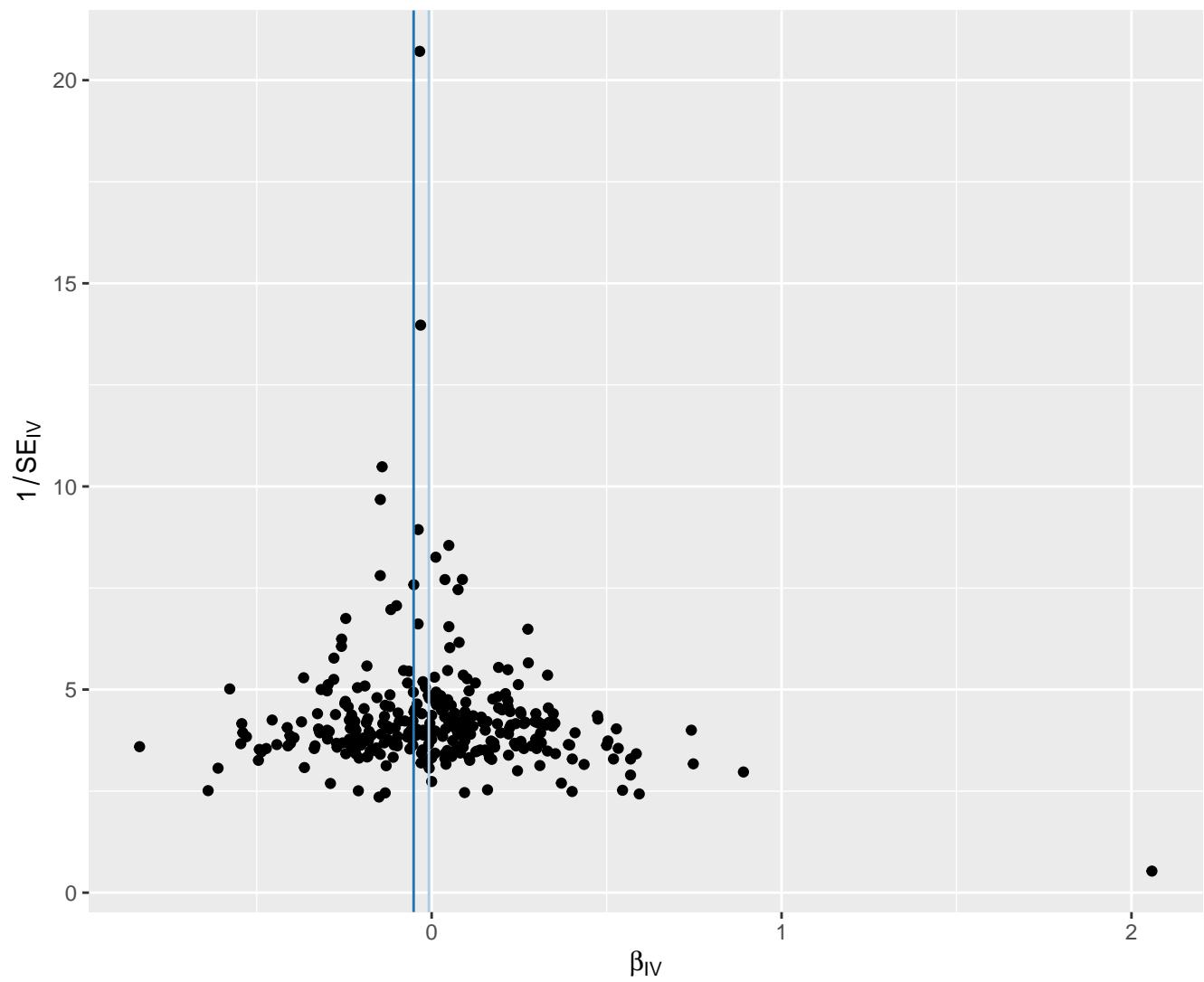


Margarate (17:0)

MR Method

Inverse variance weighted

MR Egger

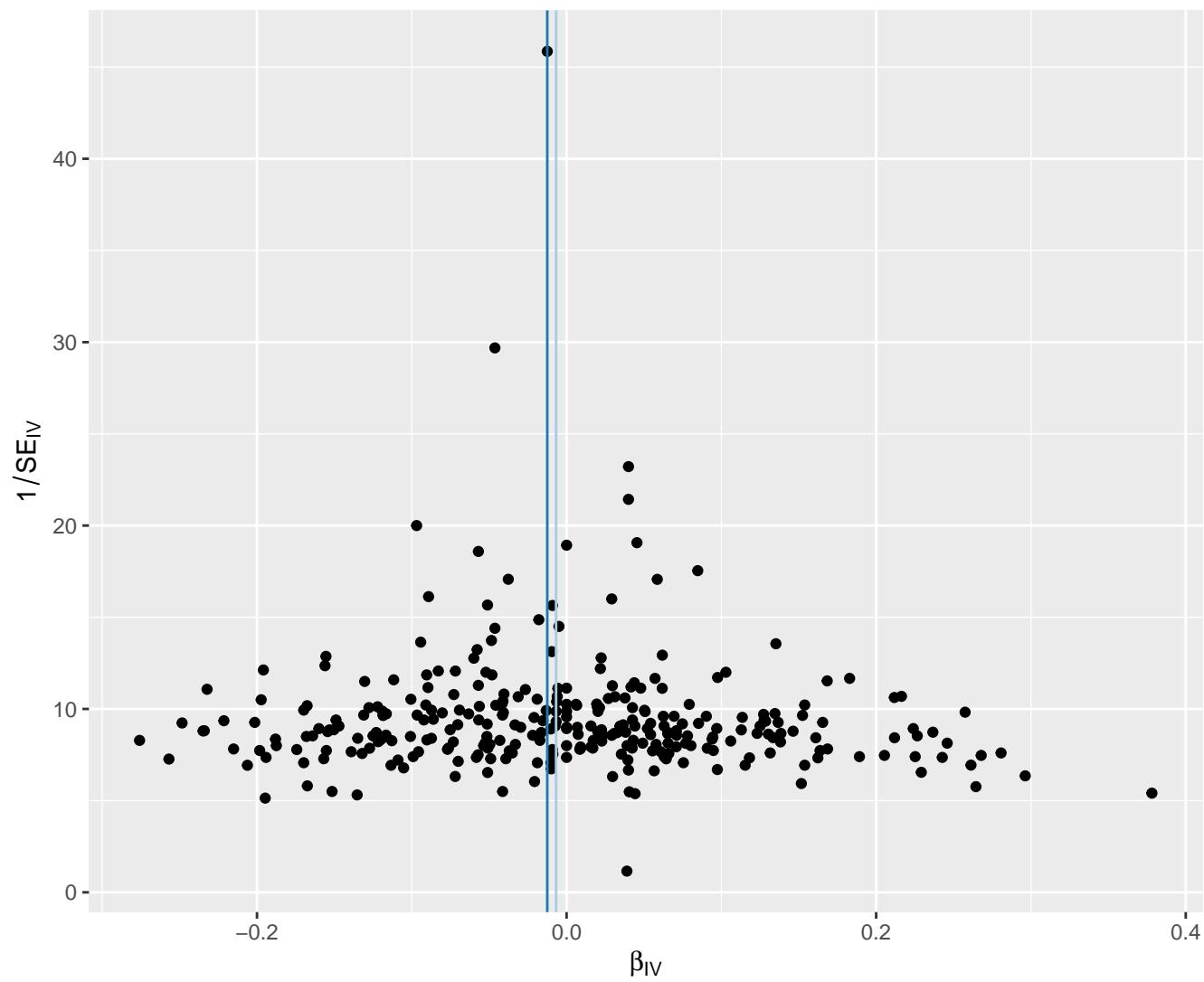


Methionine

MR Method

Inverse variance weighted

MR Egger

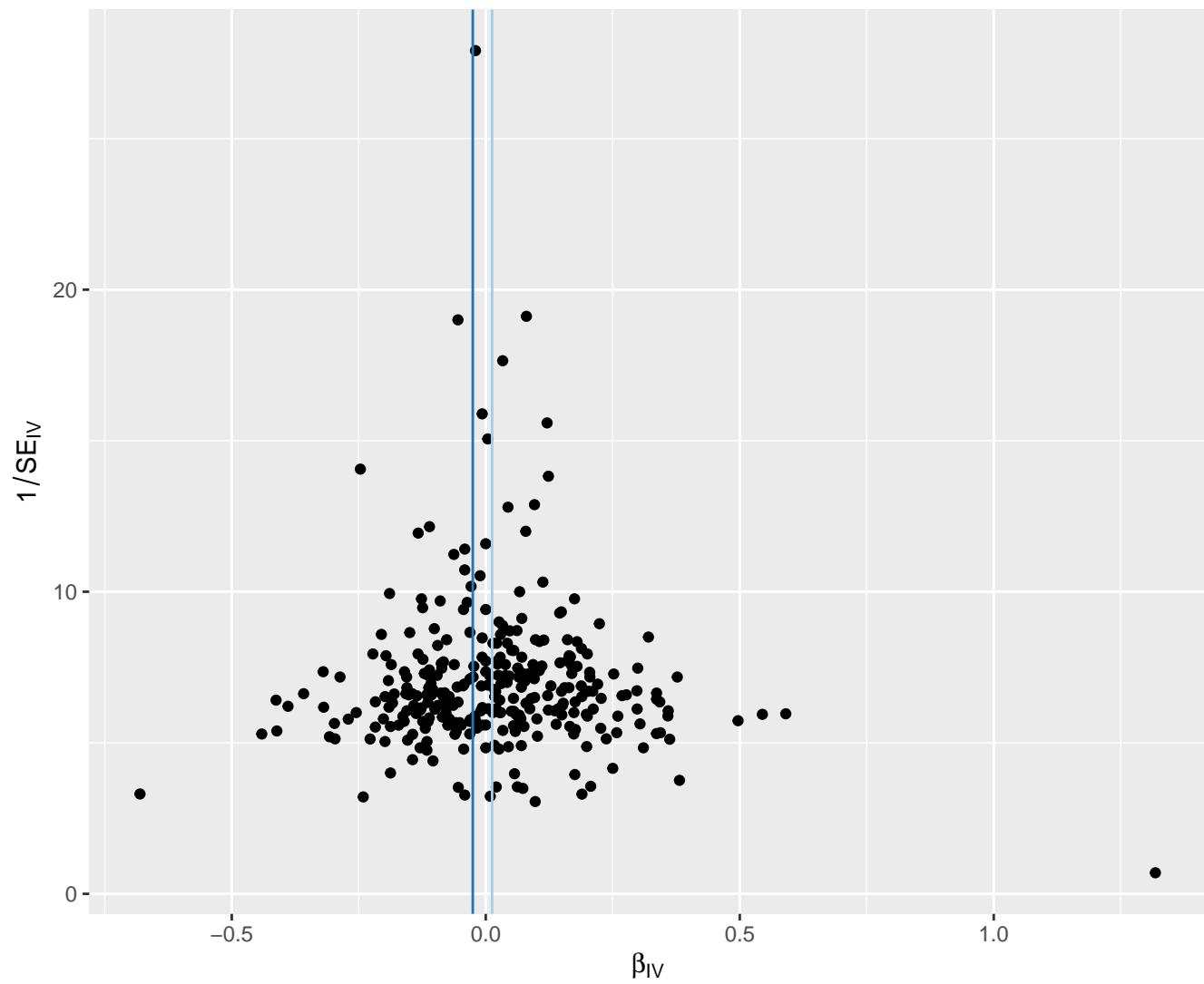


Myo-inositol

MR Method

Inverse variance weighted

MR Egger

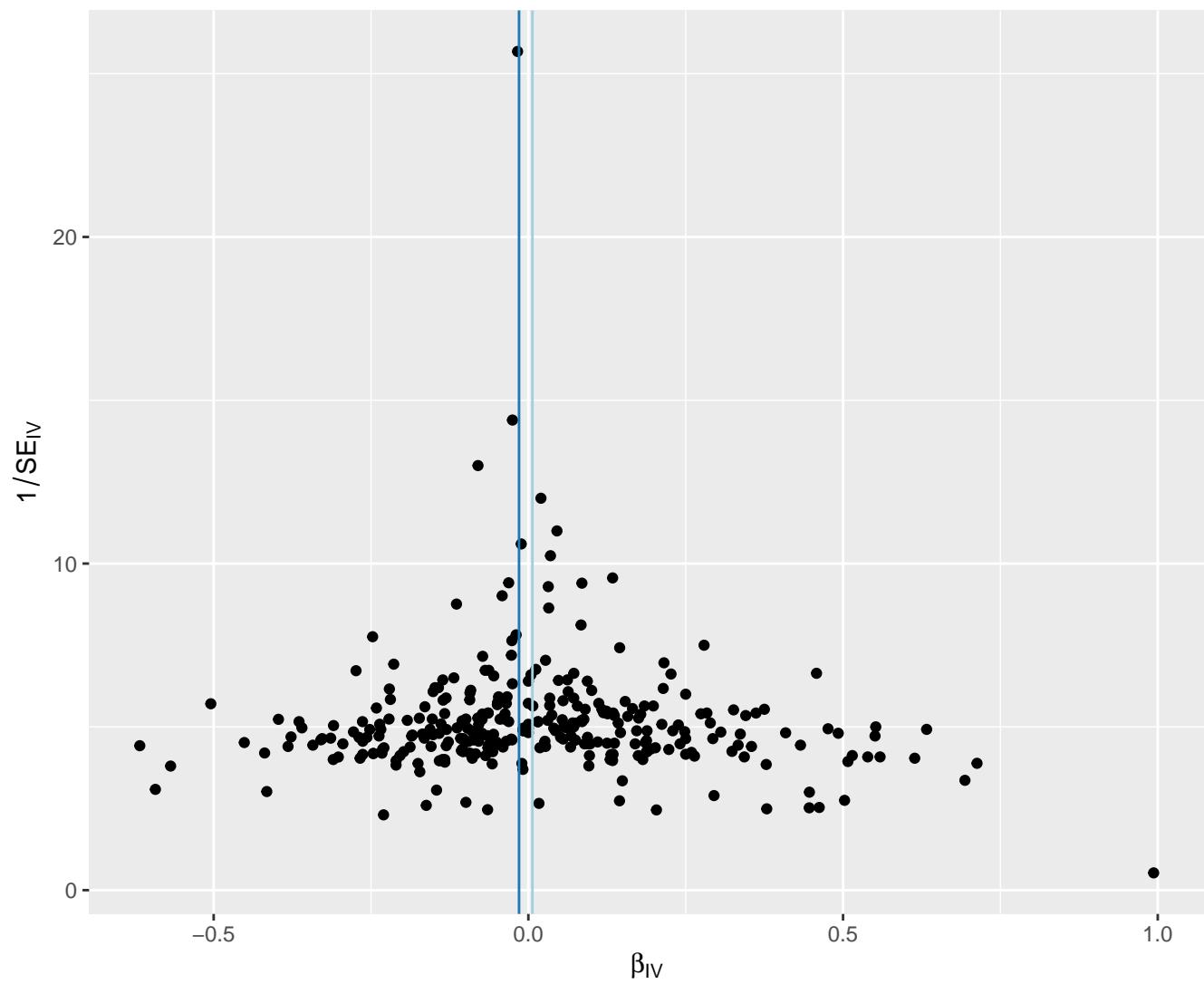


Myristate (14:0)

MR Method

Inverse variance weighted

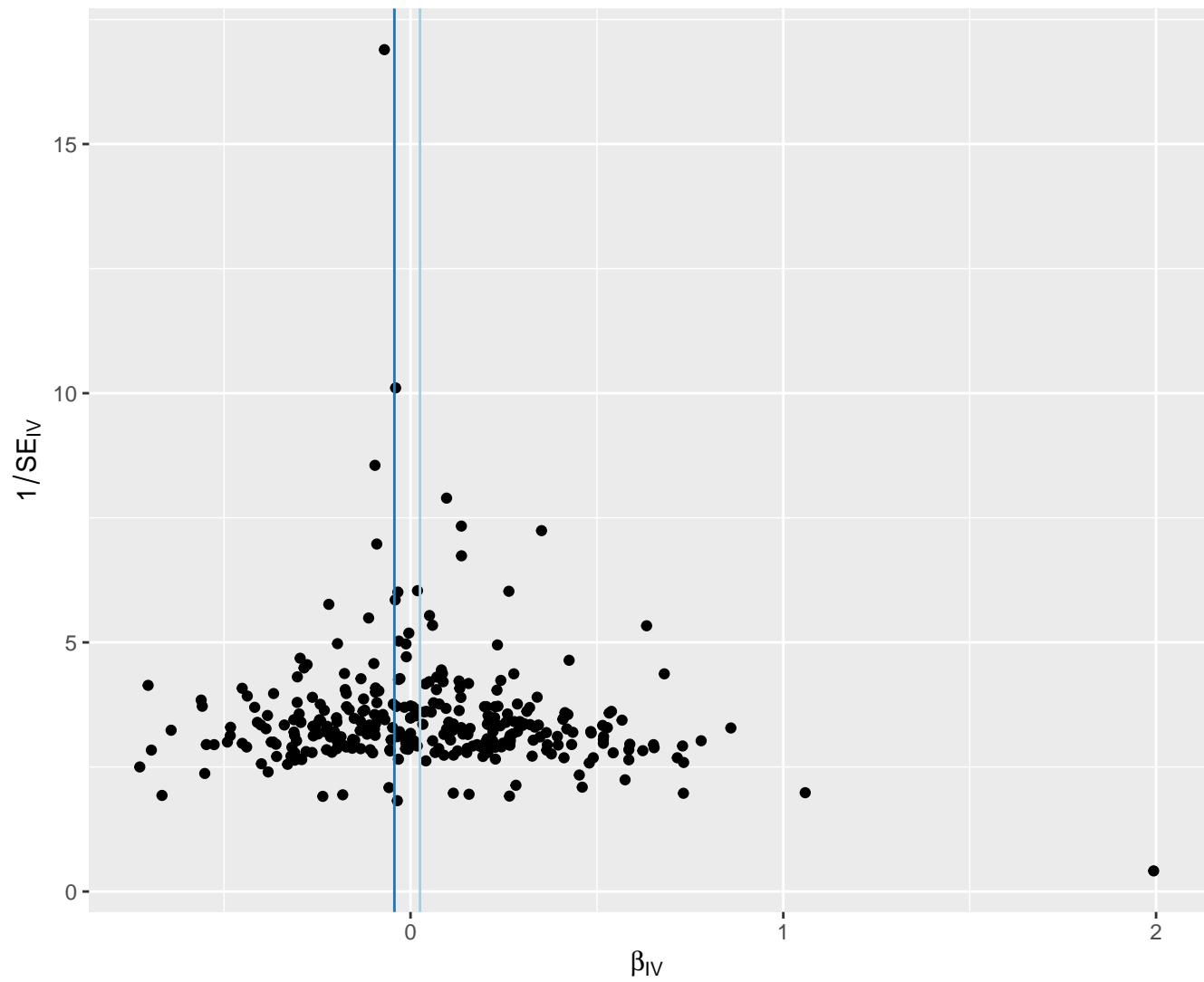
MR Egger



Myristoleate (14:1n5)

MR Method

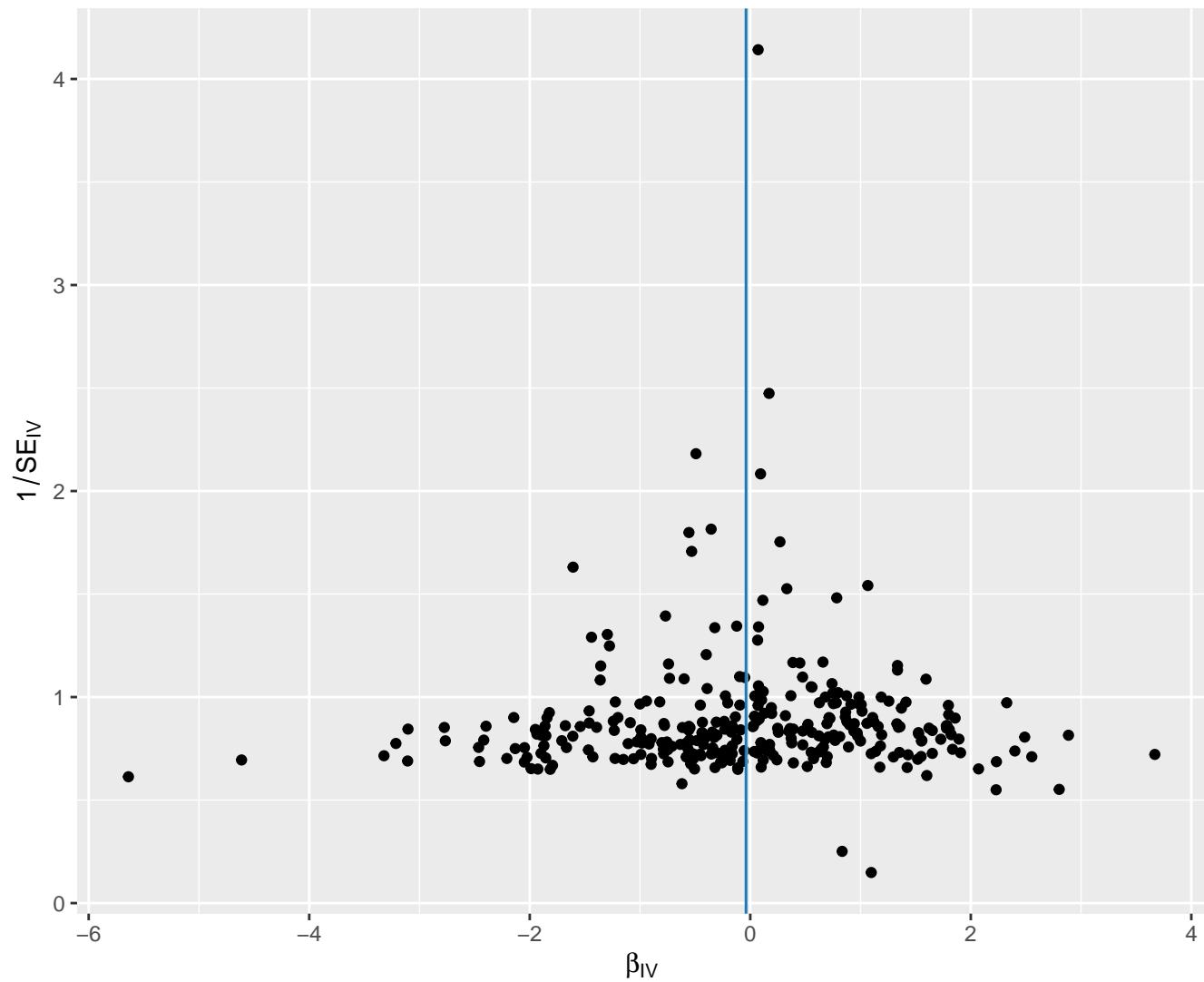
- Inverse variance weighted
- MR Egger



N-(2-furoyl)glycine

MR Method

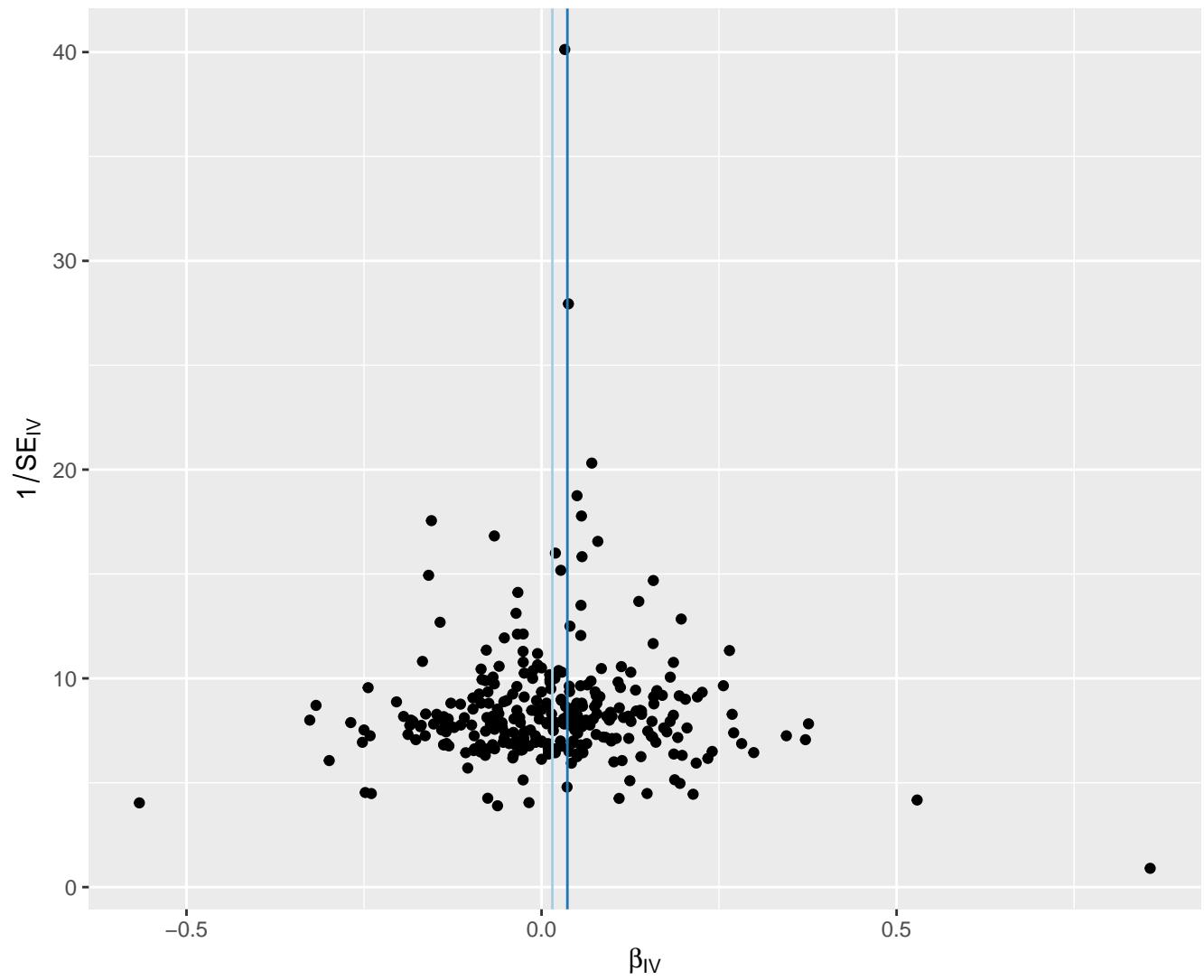
- Inverse variance weighted
- MR Egger



N-acetylalanine

MR Method

- Inverse variance weighted
- MR Egger

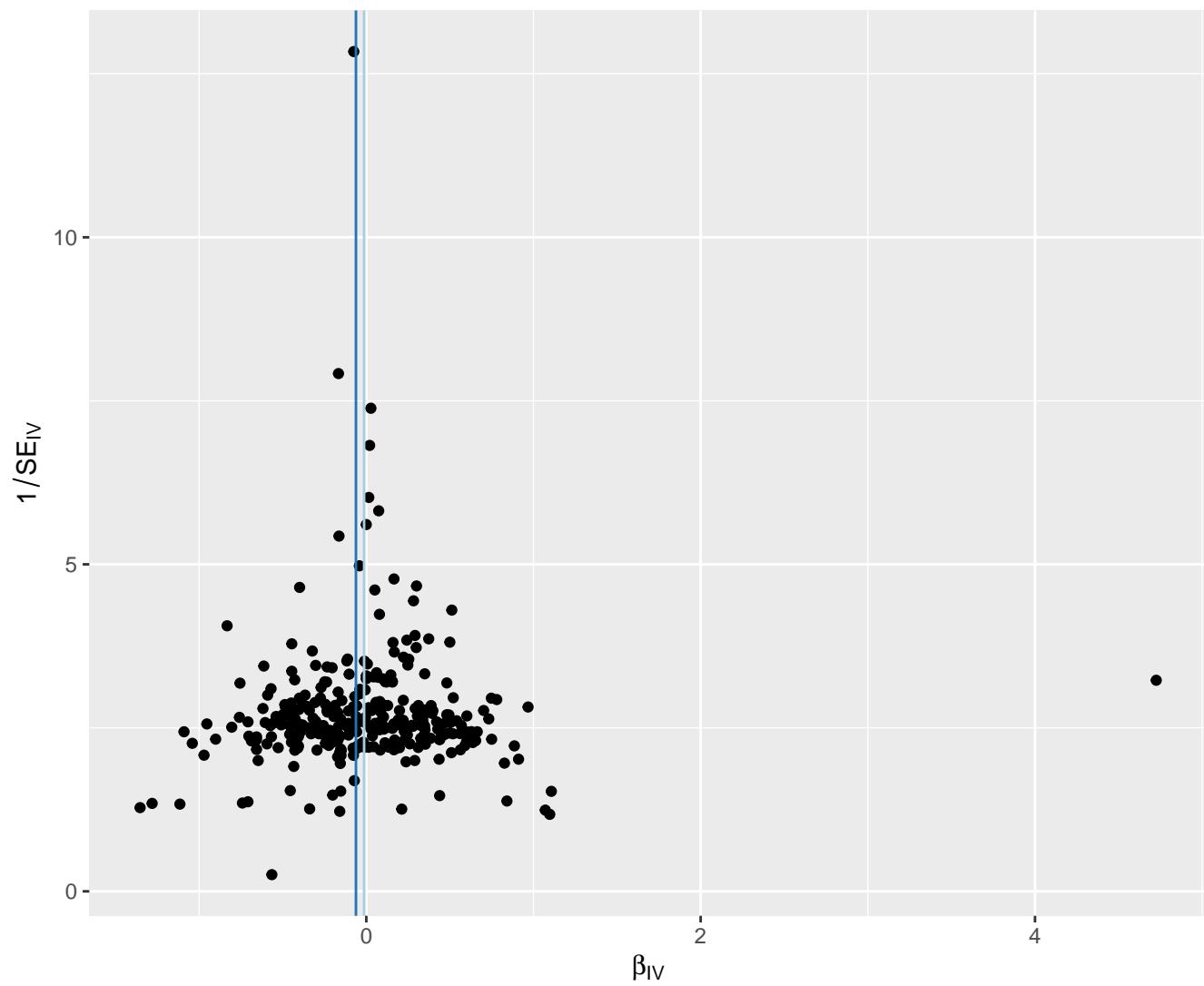


N-acetylglycine

MR Method

Inverse variance weighted

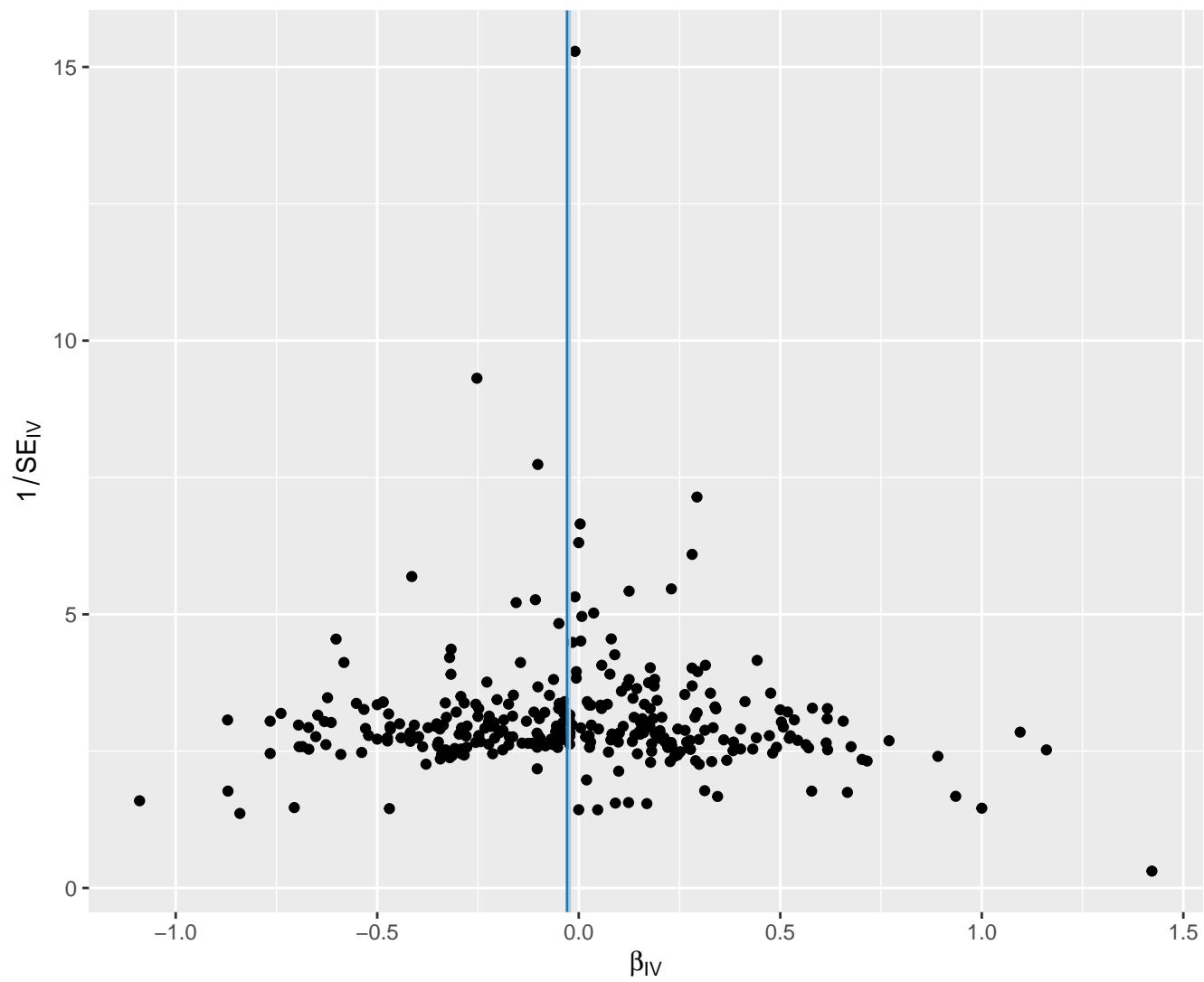
MR Egger



N-acetyltornithine

MR Method

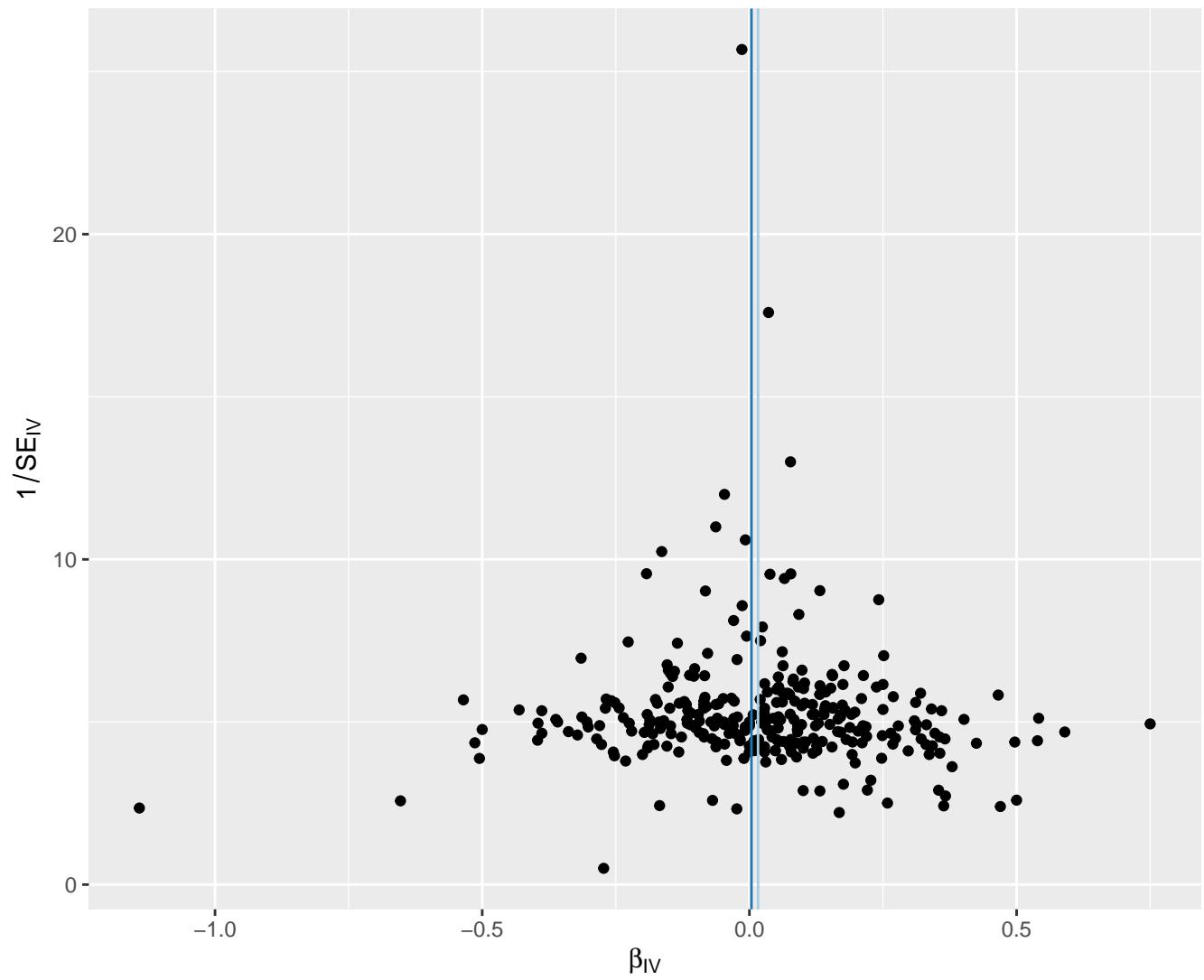
- Inverse variance weighted
- MR Egger



N-acetylthreonine

MR Method

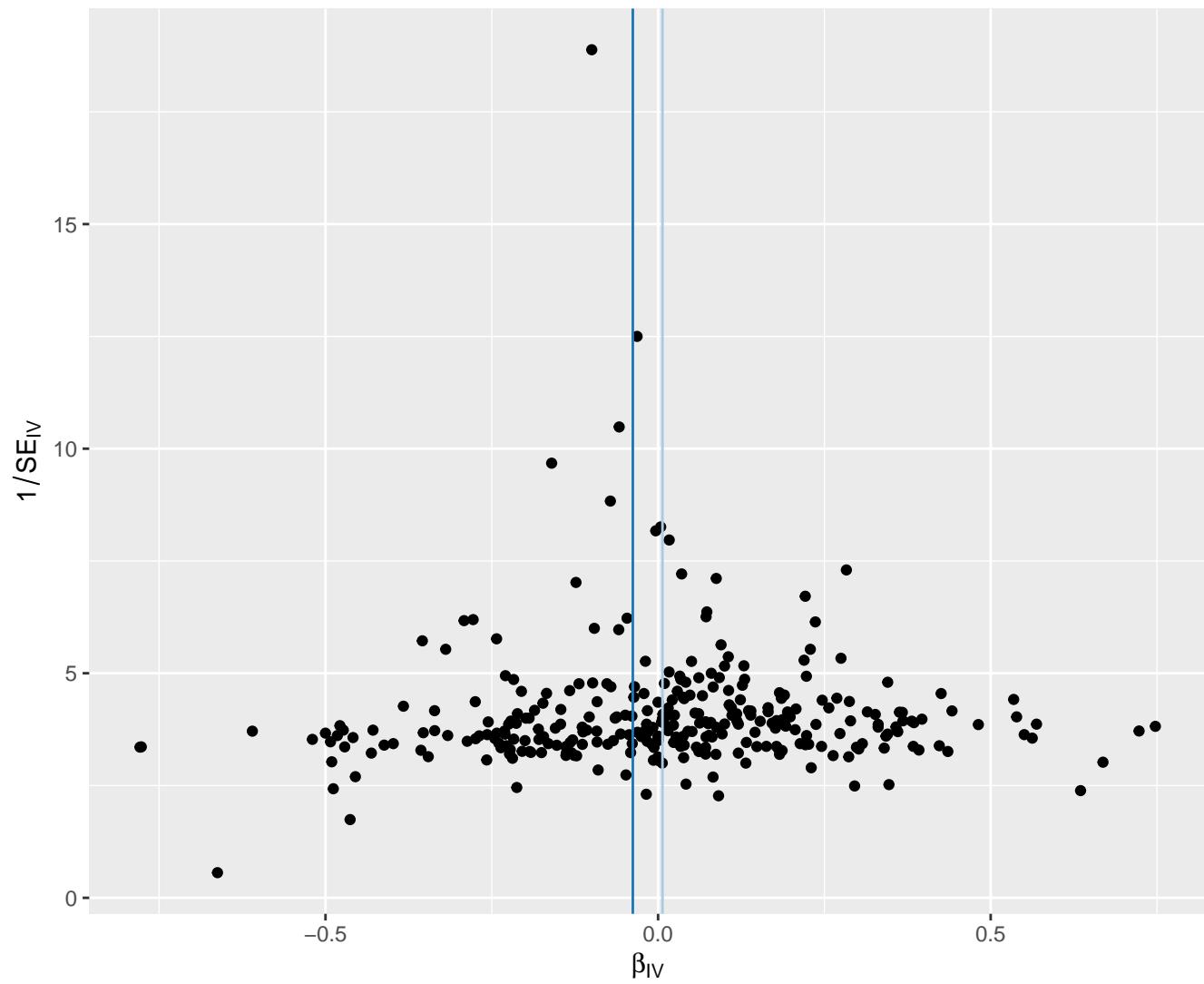
- Inverse variance weighted
- MR Egger



N-Butyl Oleate

MR Method

- Inverse variance weighted
- MR Egger

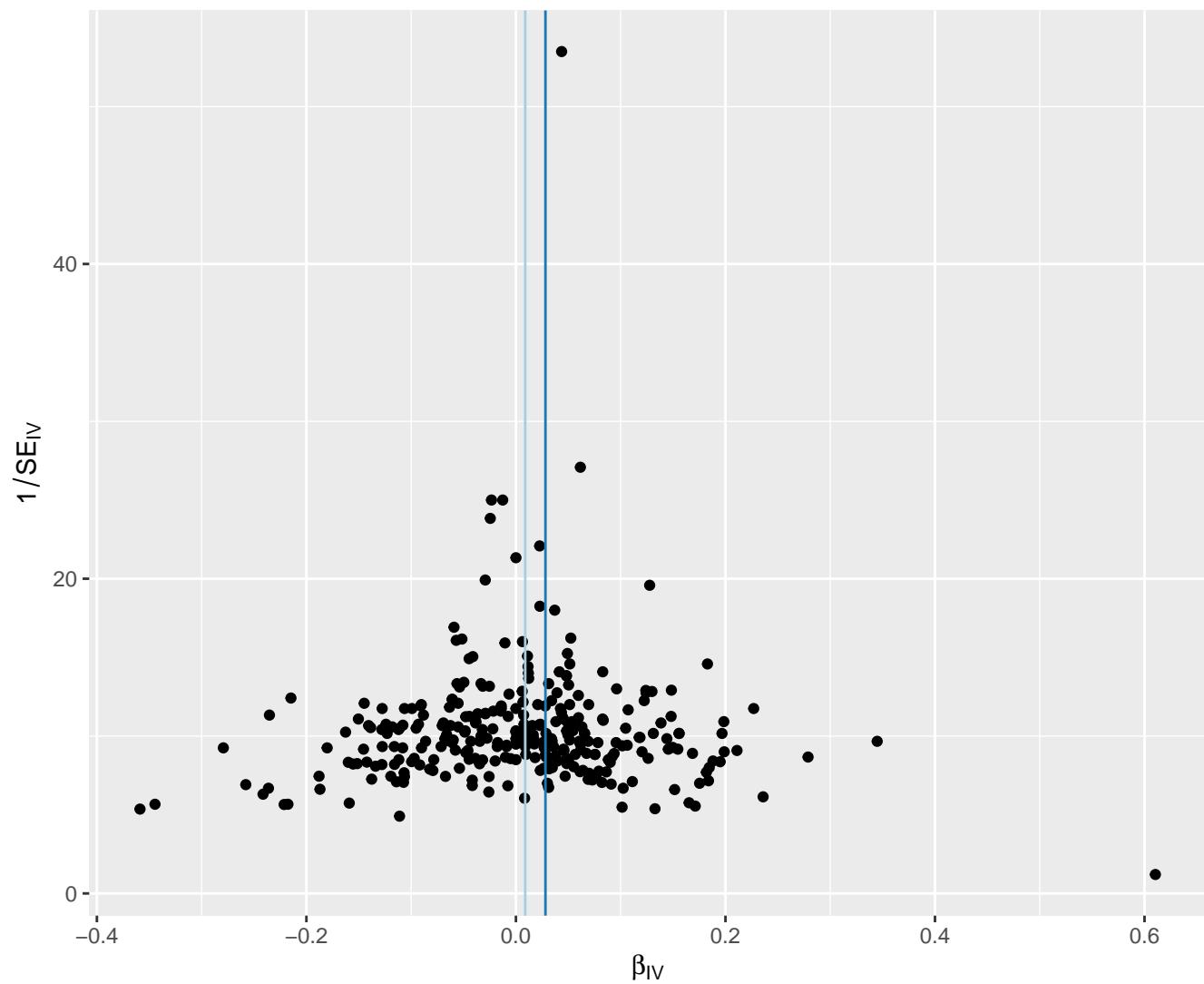


N1-methyladenosine

MR Method

Inverse variance weighted

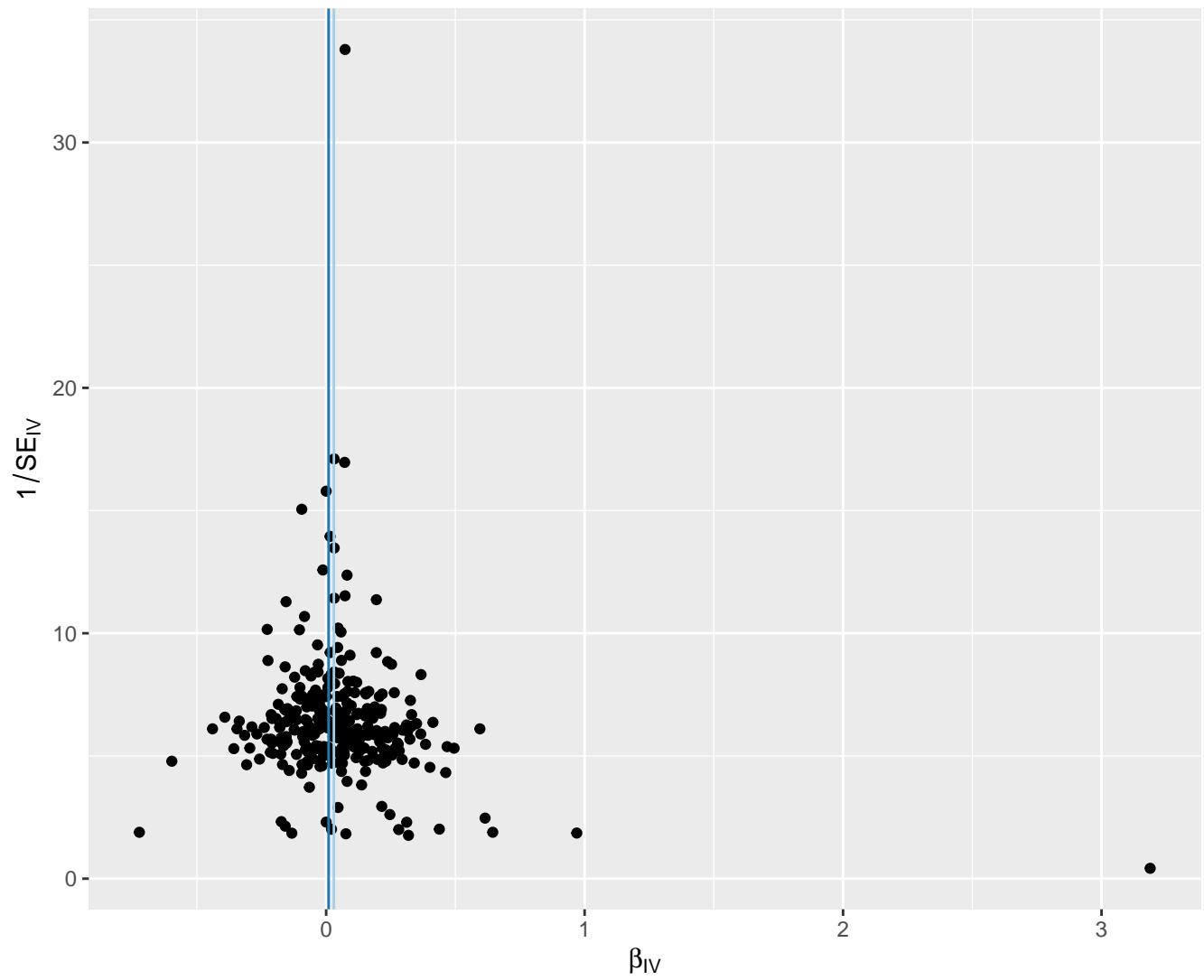
MR Egger



N2,N2-dimethylguanosine

MR Method

- Inverse variance weighted
- MR Egger

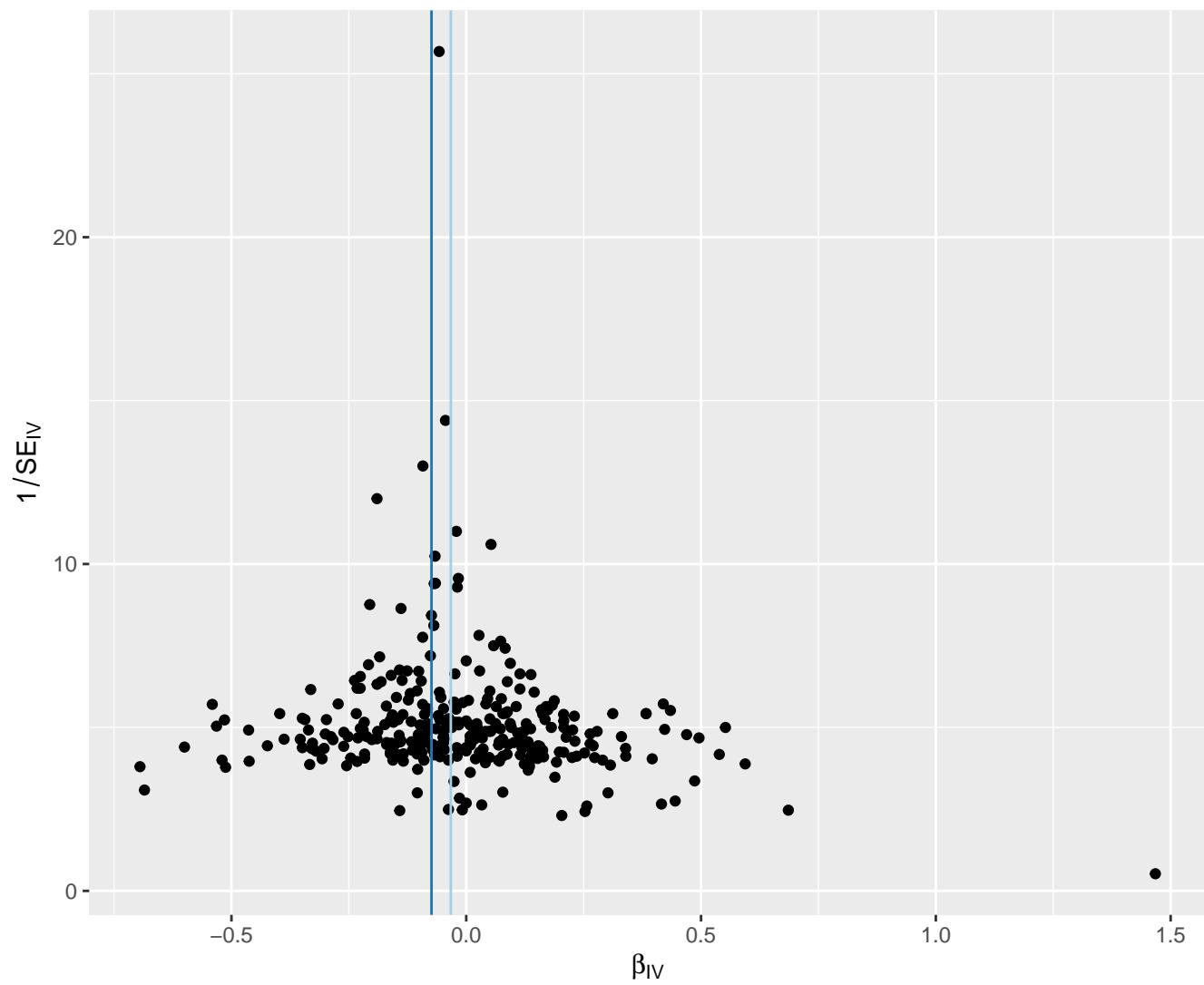


Nonadecanoate (19:0)

MR Method

Inverse variance weighted

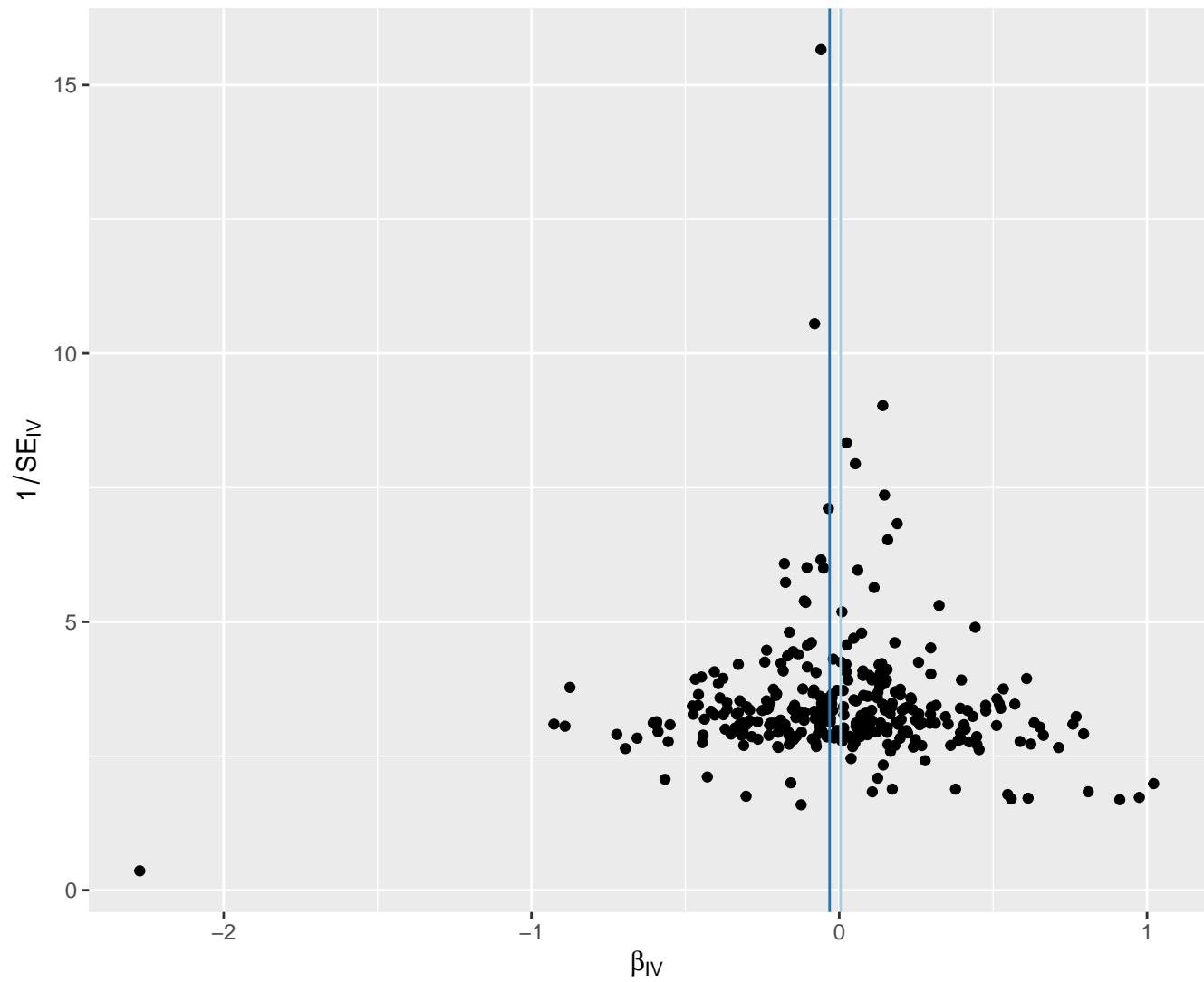
MR Egger



Octadecanedioate

MR Method

- Inverse variance weighted
- MR Egger

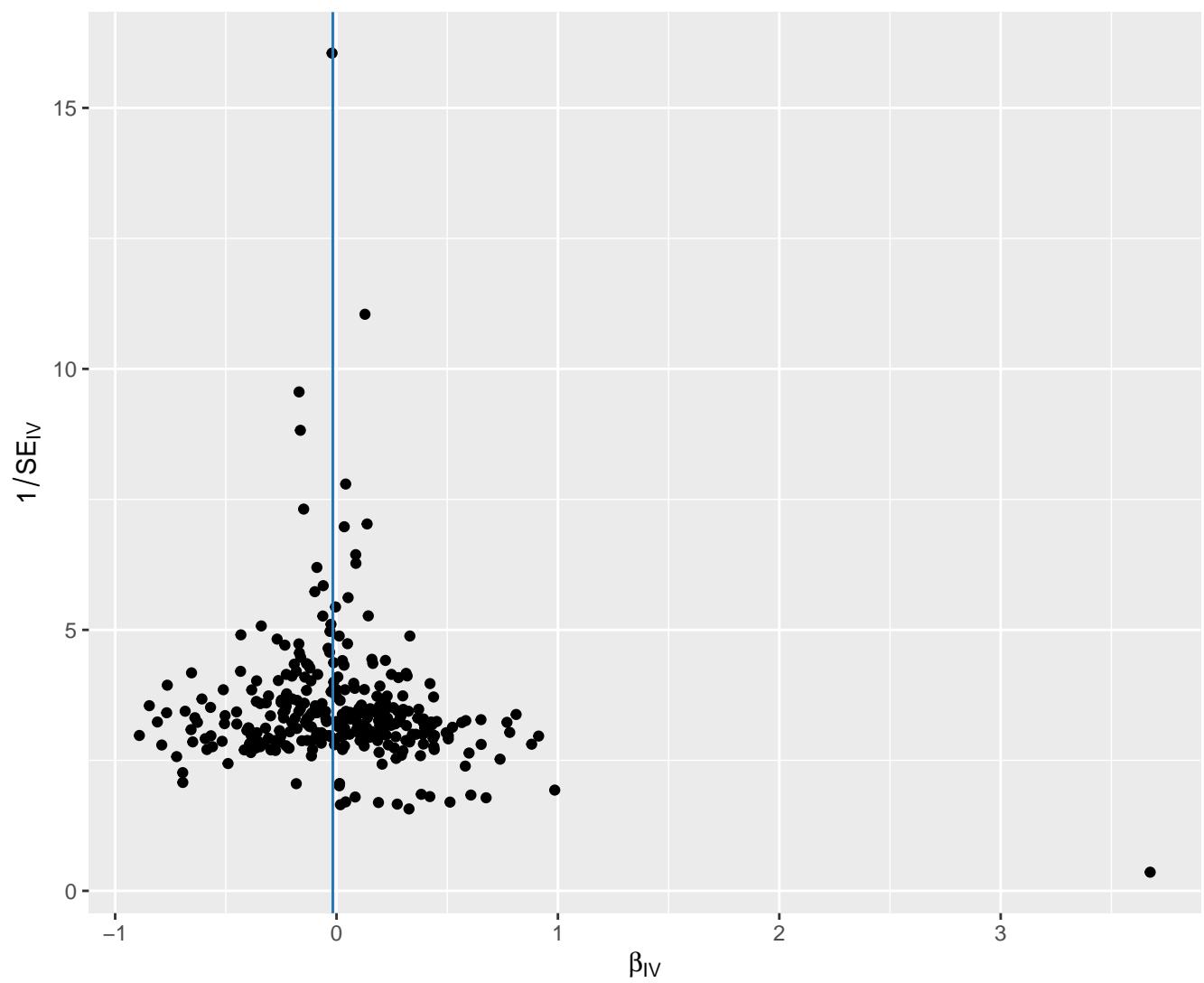


Octanoylcarnitine

MR Method

Inverse variance weighted

MR Egger

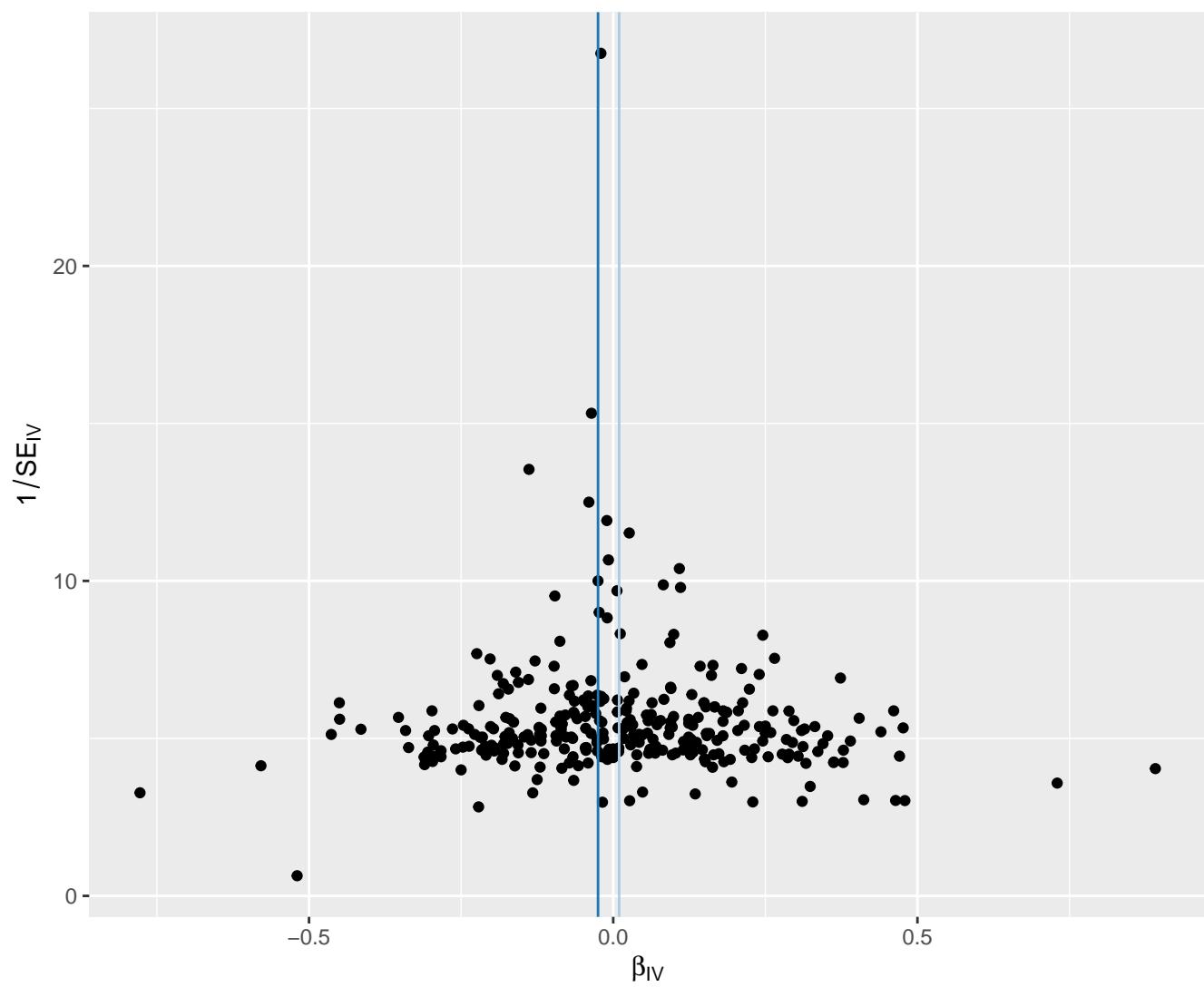


Oleate (18:1n9)

MR Method

Inverse variance weighted

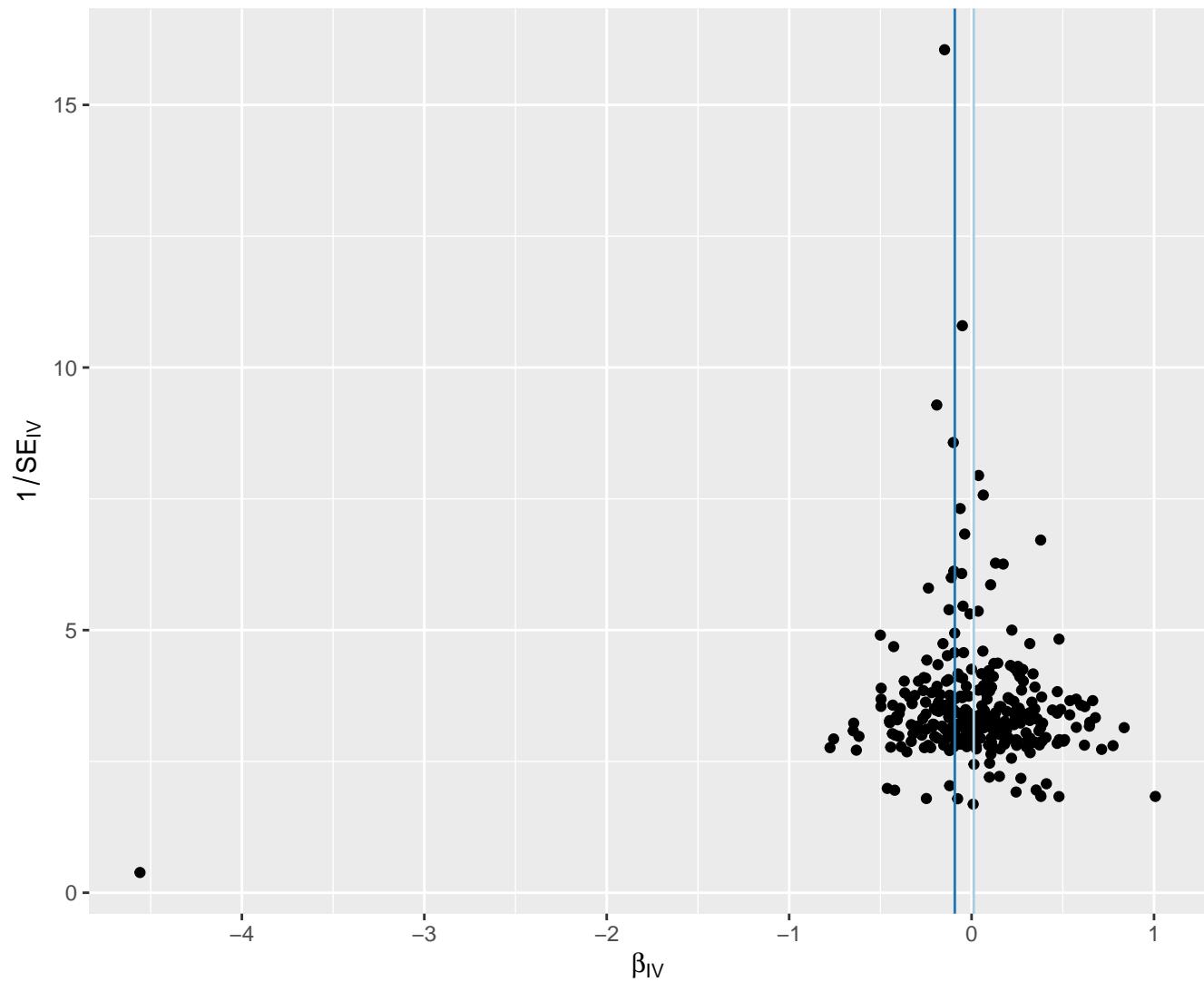
MR Egger



Oleoylcarnitine

MR Method

- Inverse variance weighted
- MR Egger

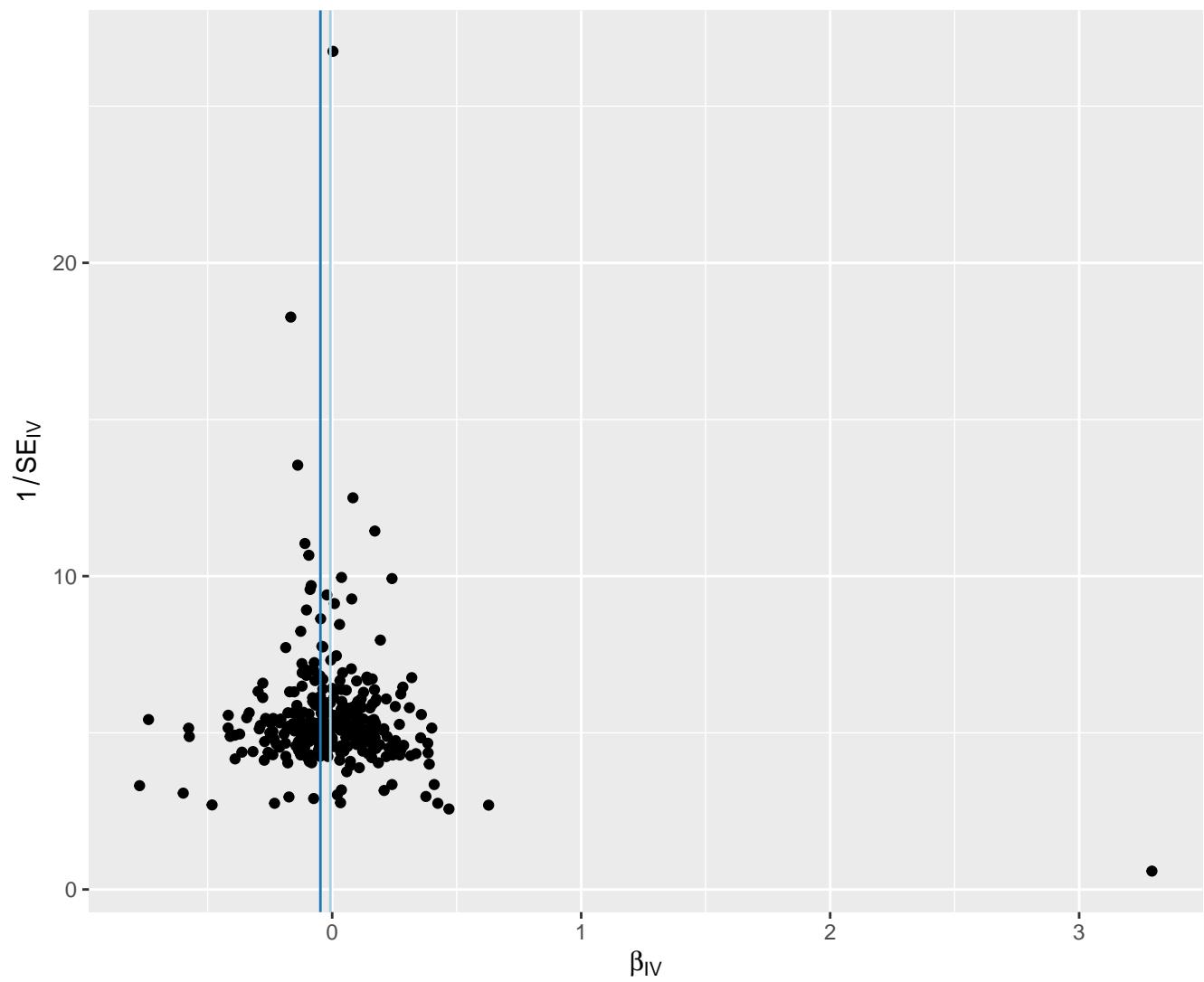


Ornithine

MR Method

Inverse variance weighted

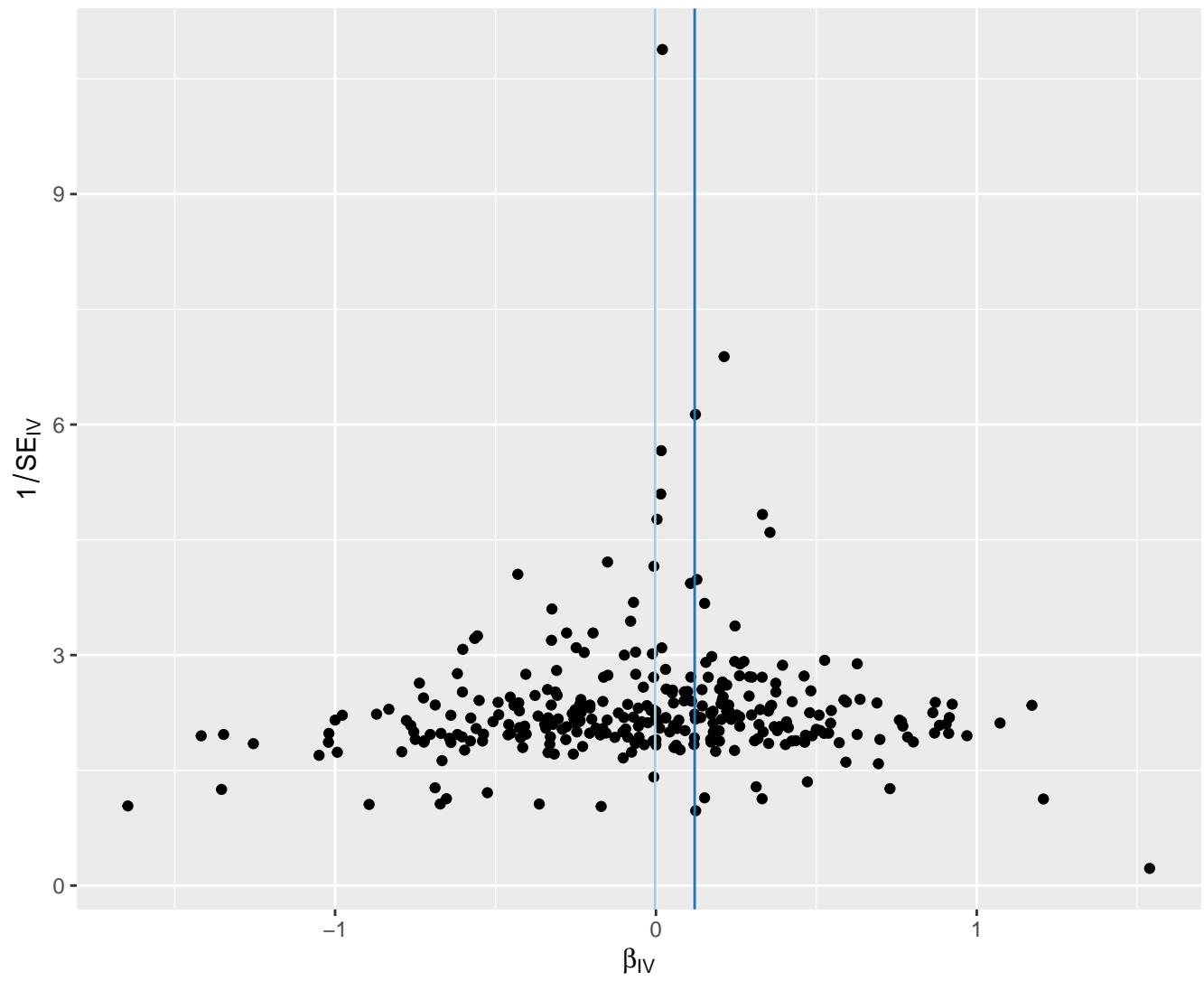
MR Egger



P-cresol sulfate

MR Method

- Inverse variance weighted
- MR Egger

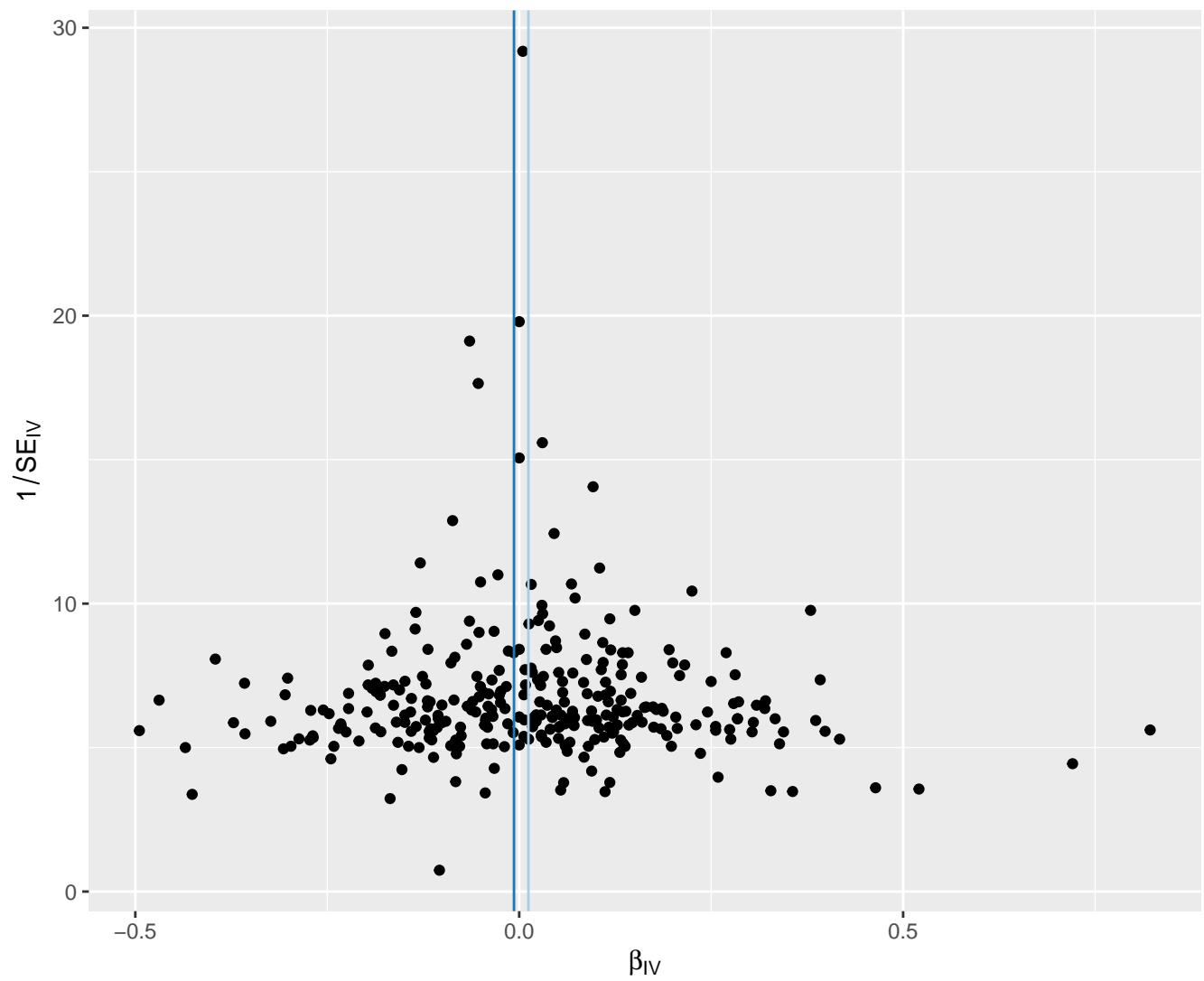


Palmitate (16:0)

MR Method

Inverse variance weighted

MR Egger

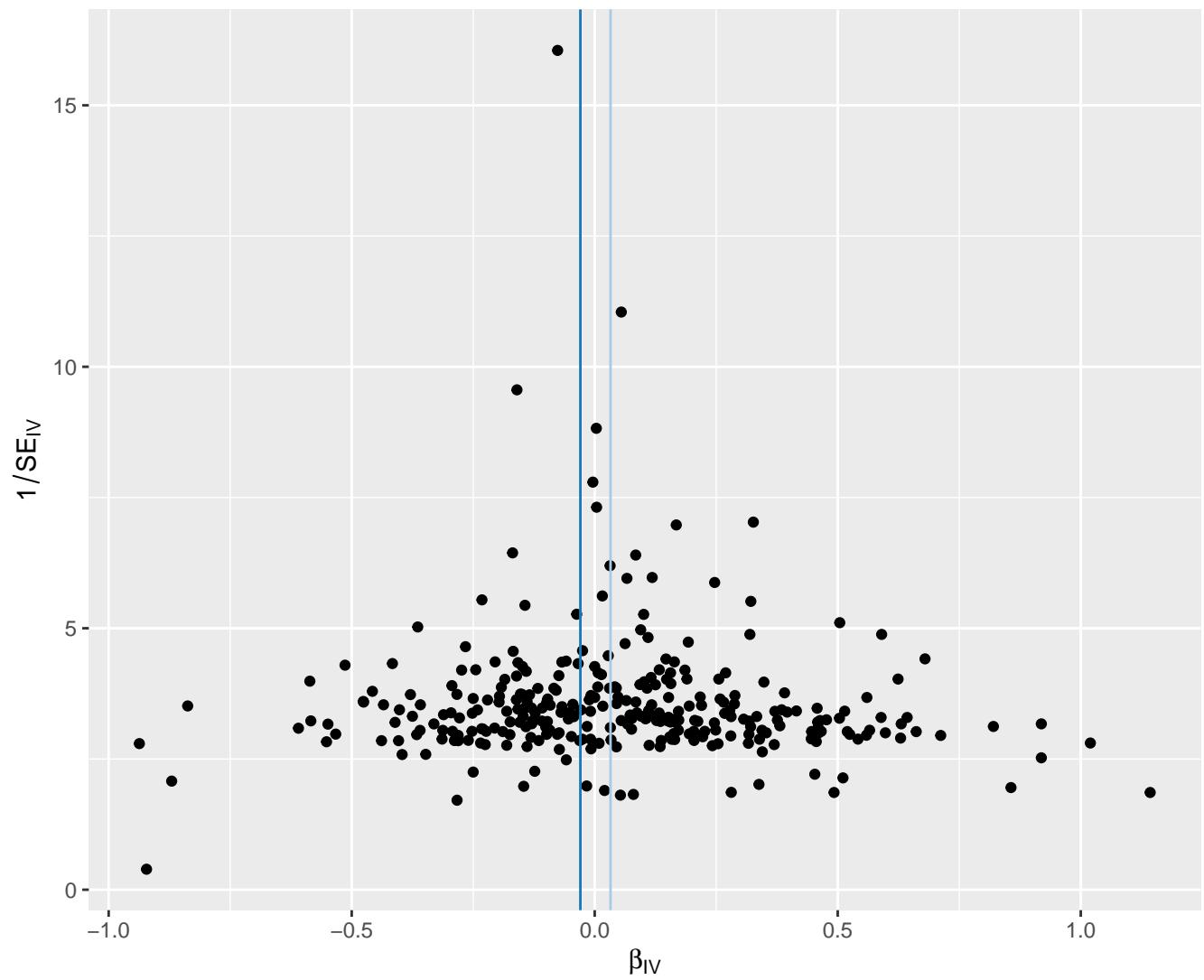


Palmitoleate (16:1n7)

MR Method

Inverse variance weighted

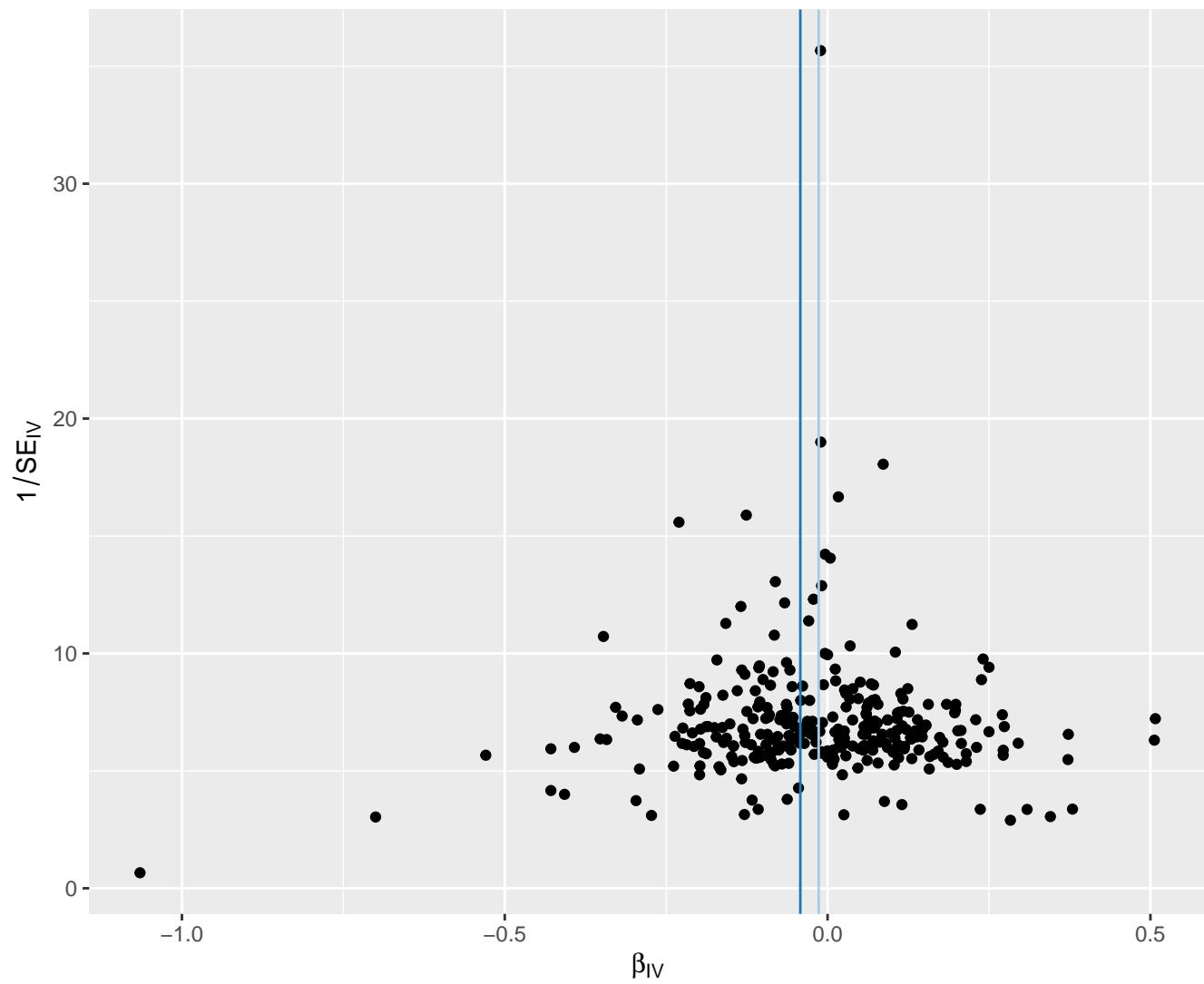
MR Egger



Palmitoyl sphingomyelin

MR Method

- Inverse variance weighted
- MR Egger

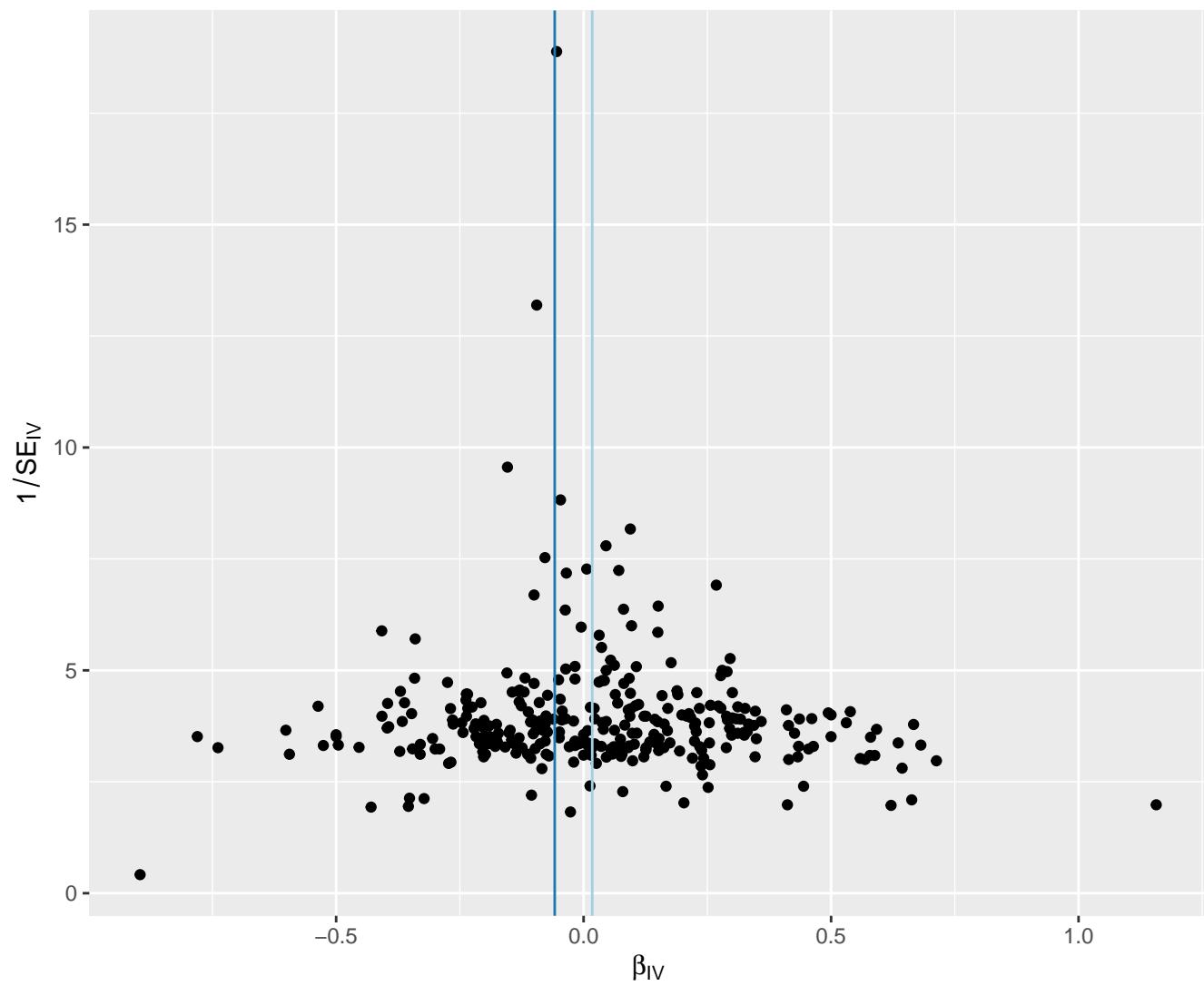


Palmitoylcarnitine

MR Method

Inverse variance weighted

MR Egger

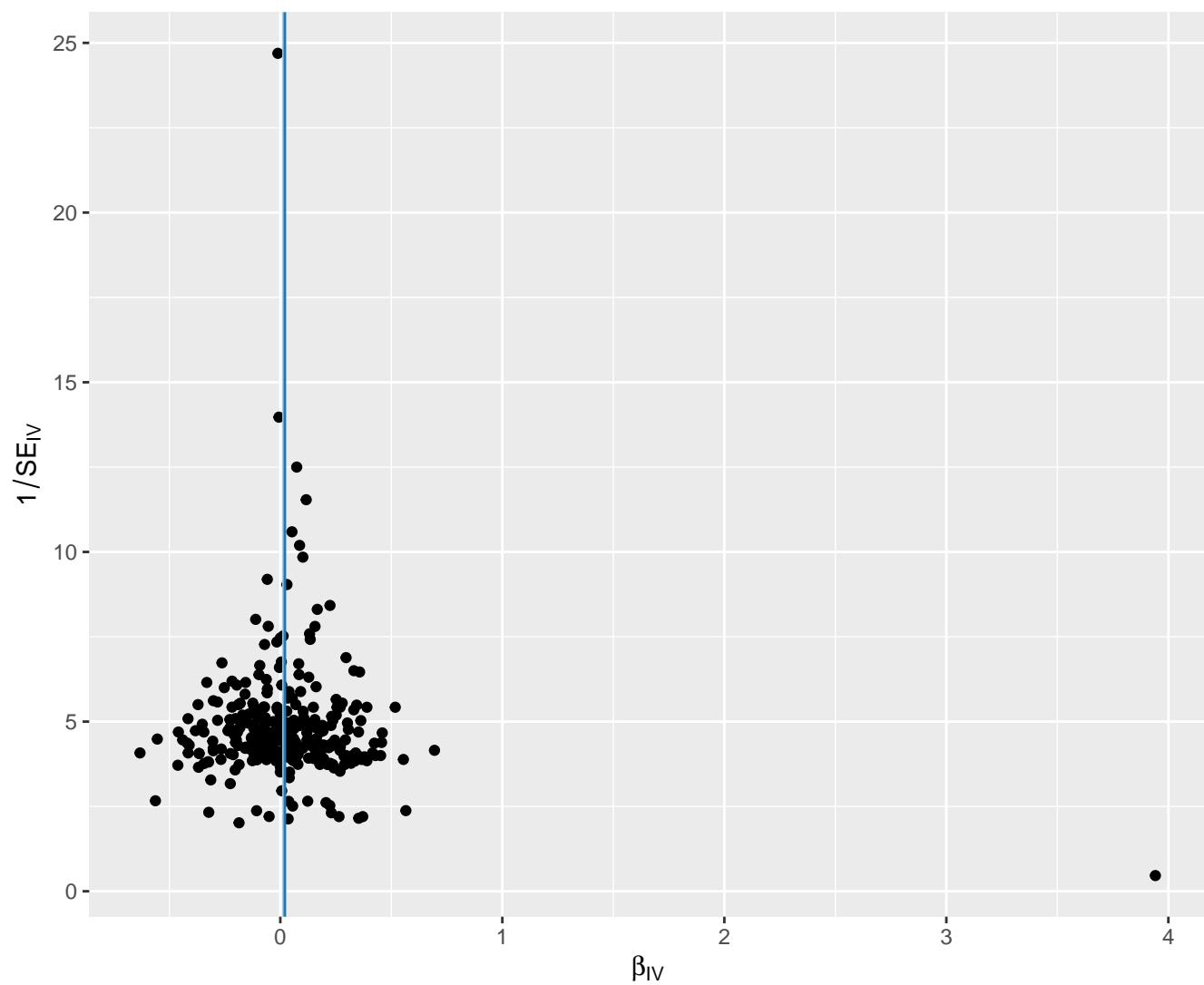


Pantothenate

MR Method

Inverse variance weighted

MR Egger

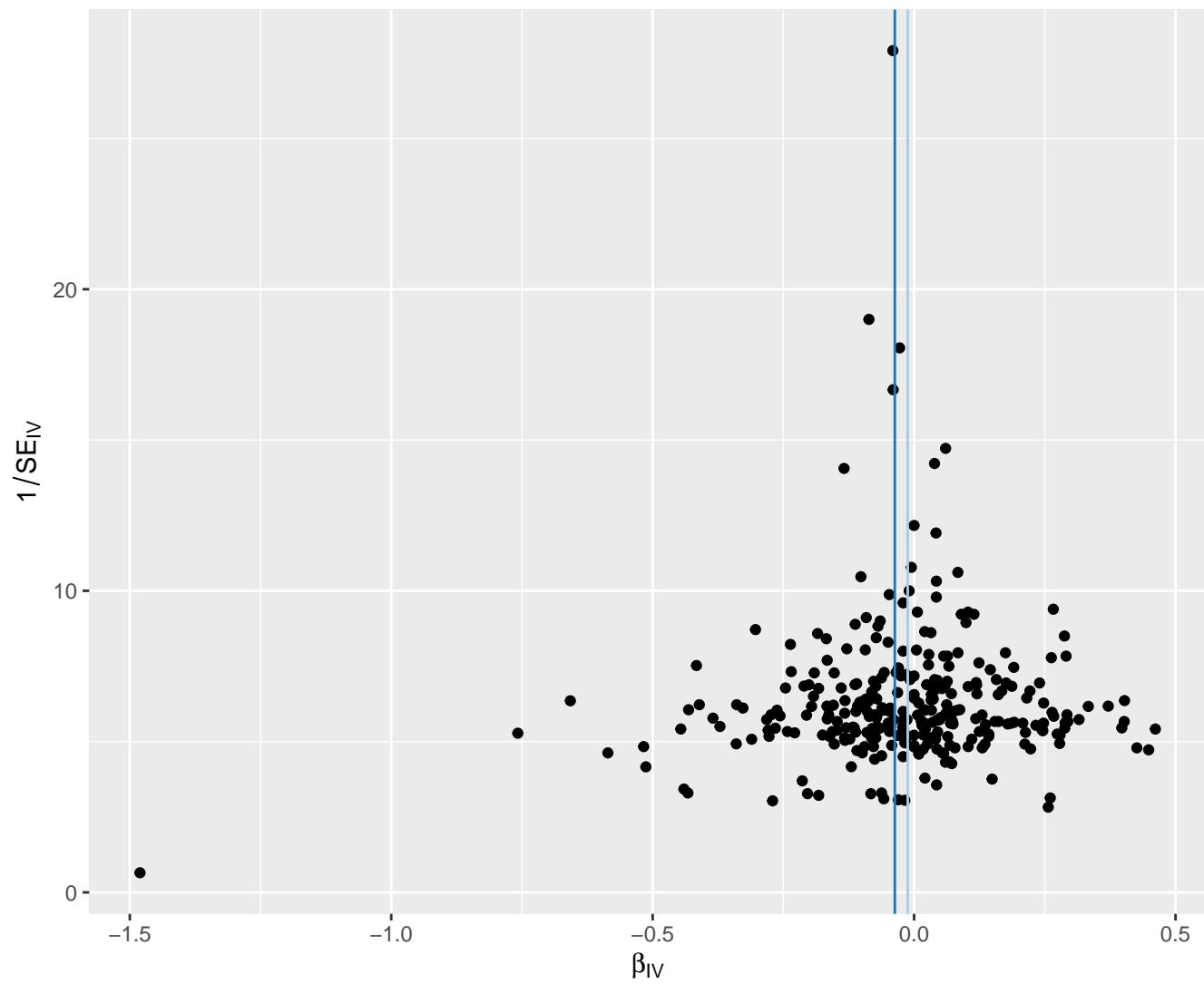


Pelargonate (9:0)

MR Method

Inverse variance weighted

MR Egger

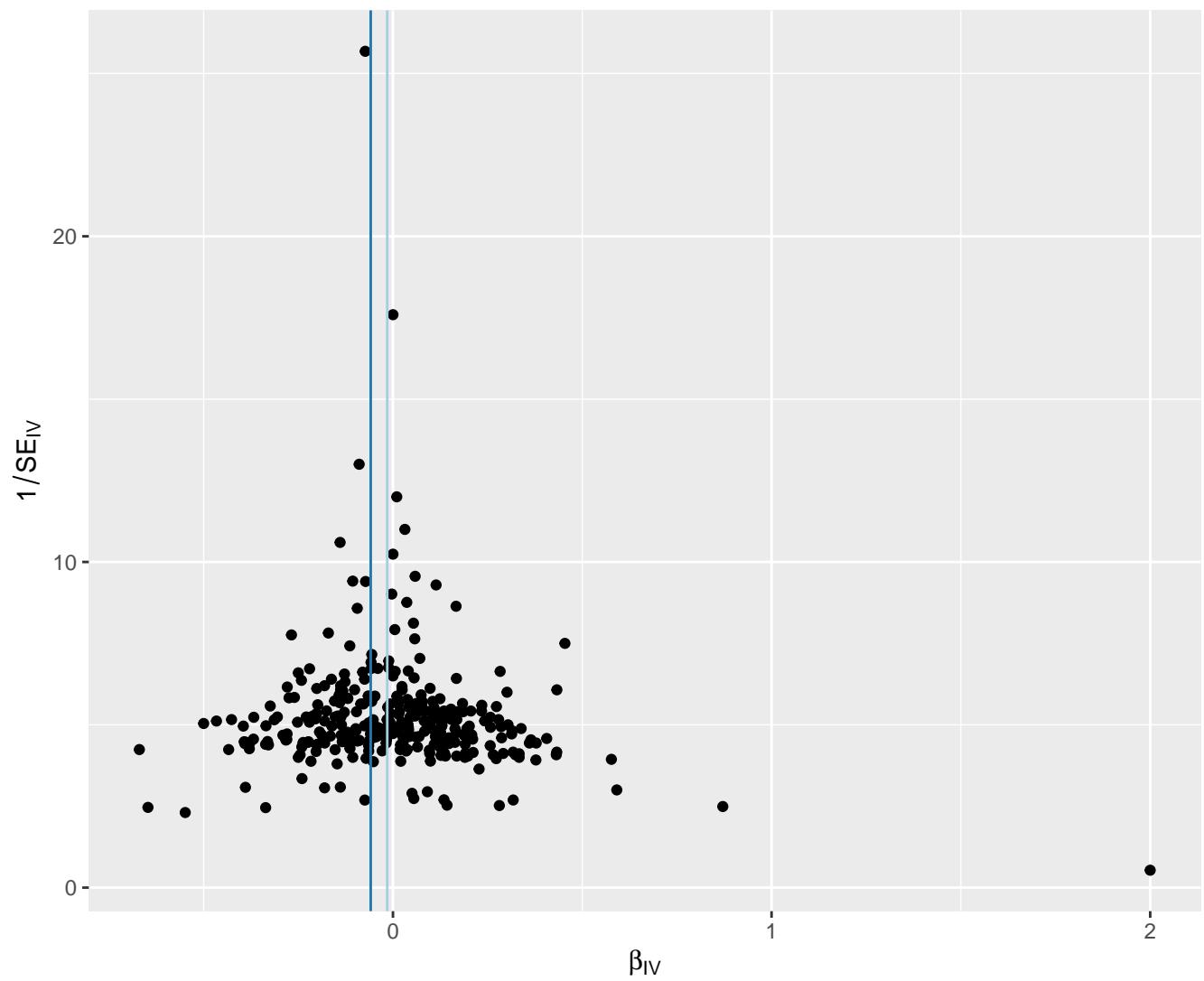


Pentadecanoate (15:0)

MR Method

Inverse variance weighted

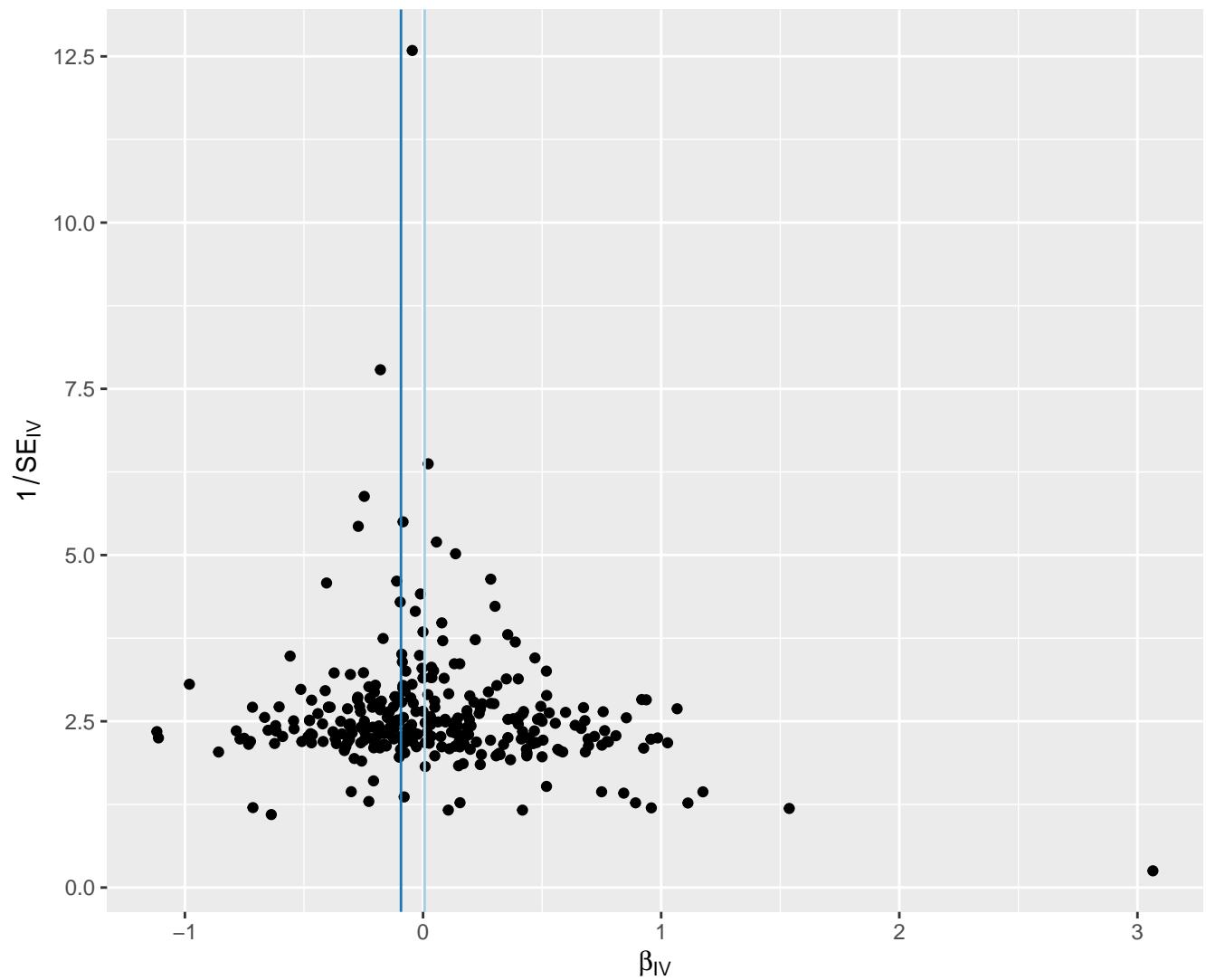
MR Egger



Phenol sulfate

MR Method

-  Inverse variance weighted
-  MR Egger

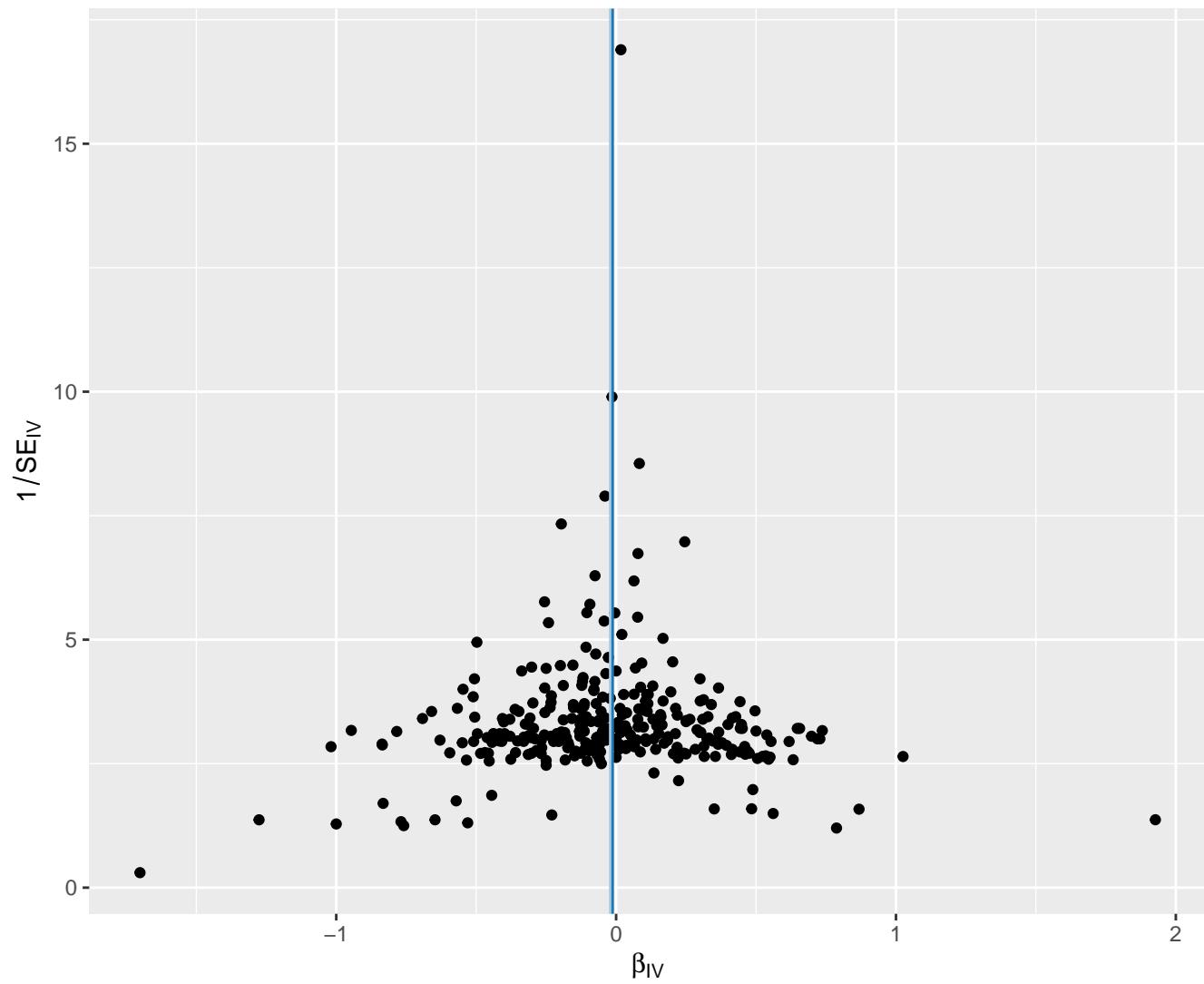


Phenylacetate

MR Method

Inverse variance weighted

MR Egger

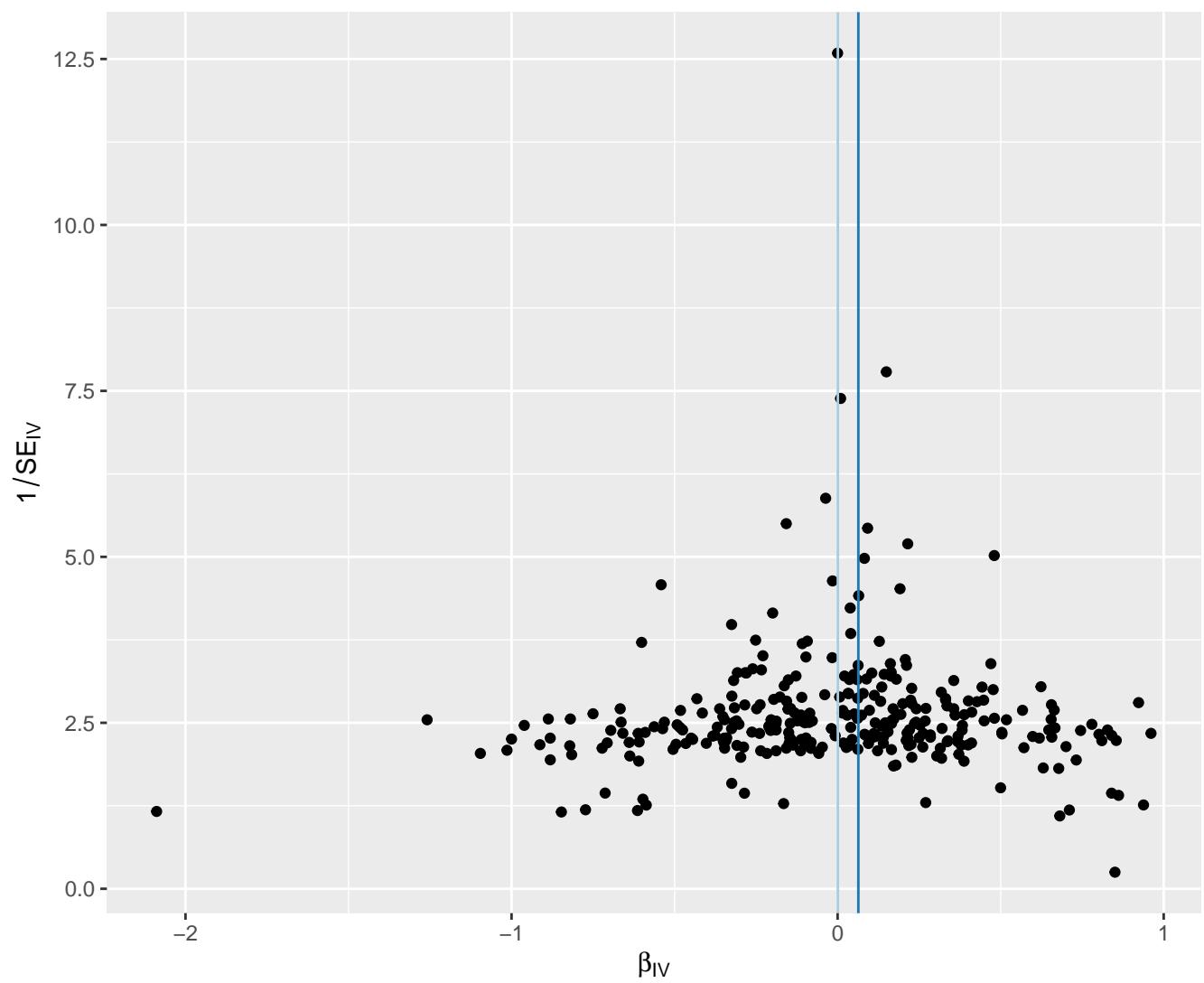


Phenylacetylglutamine

MR Method

Inverse variance weighted

MR Egger

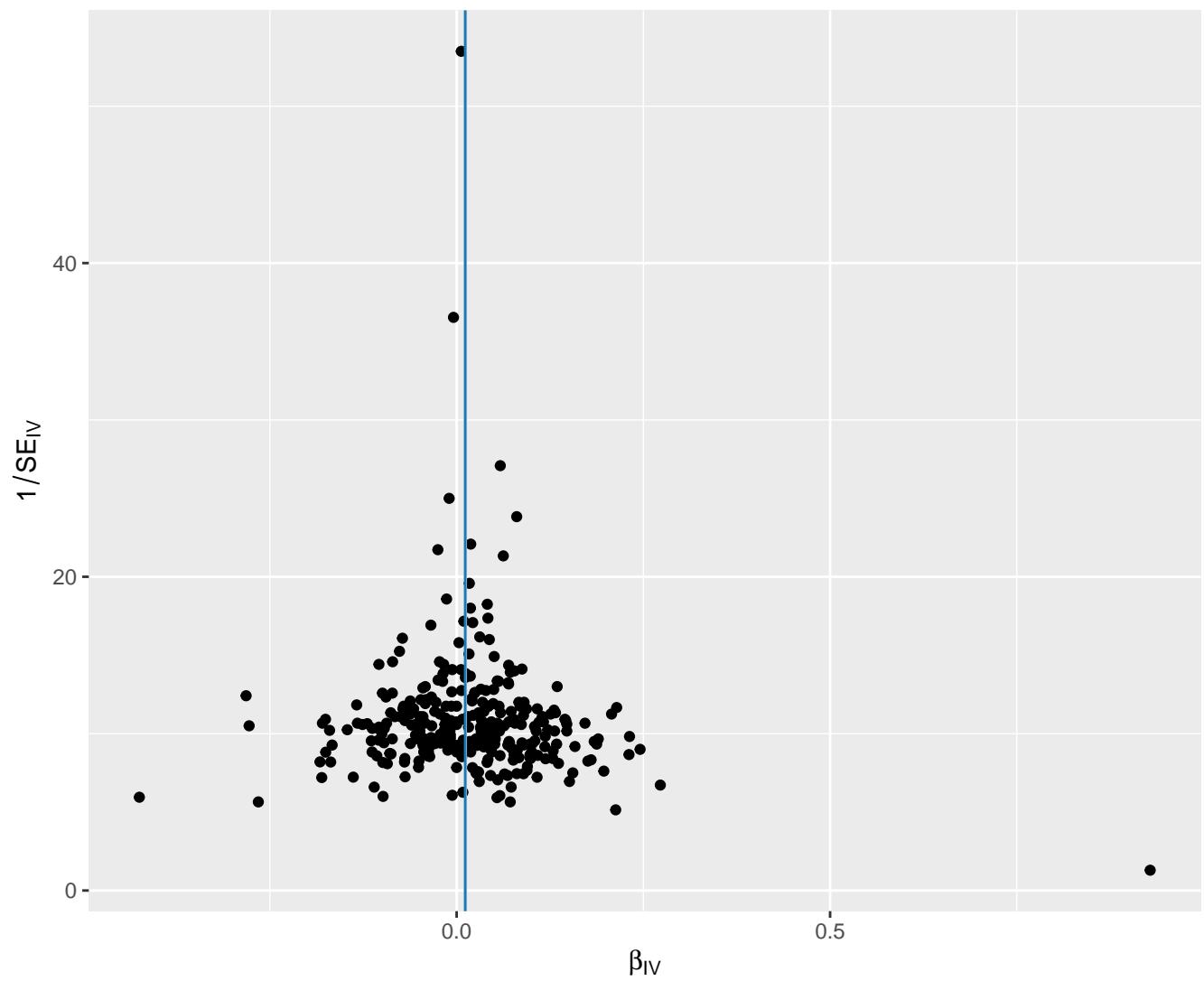


Phenylalanine

MR Method

Inverse variance weighted

MR Egger

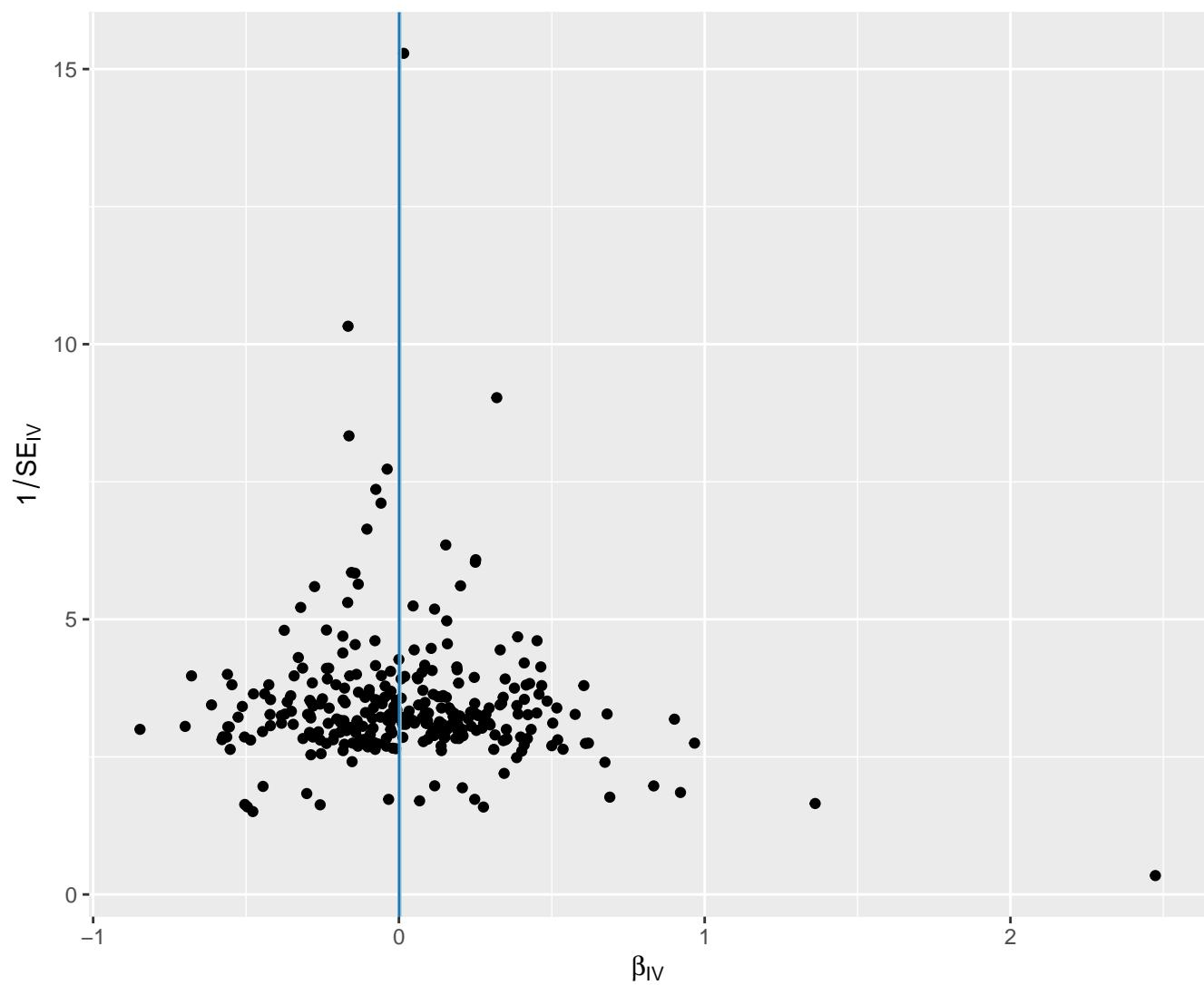


Phenylalanylphenylalanine

MR Method

Inverse variance weighted

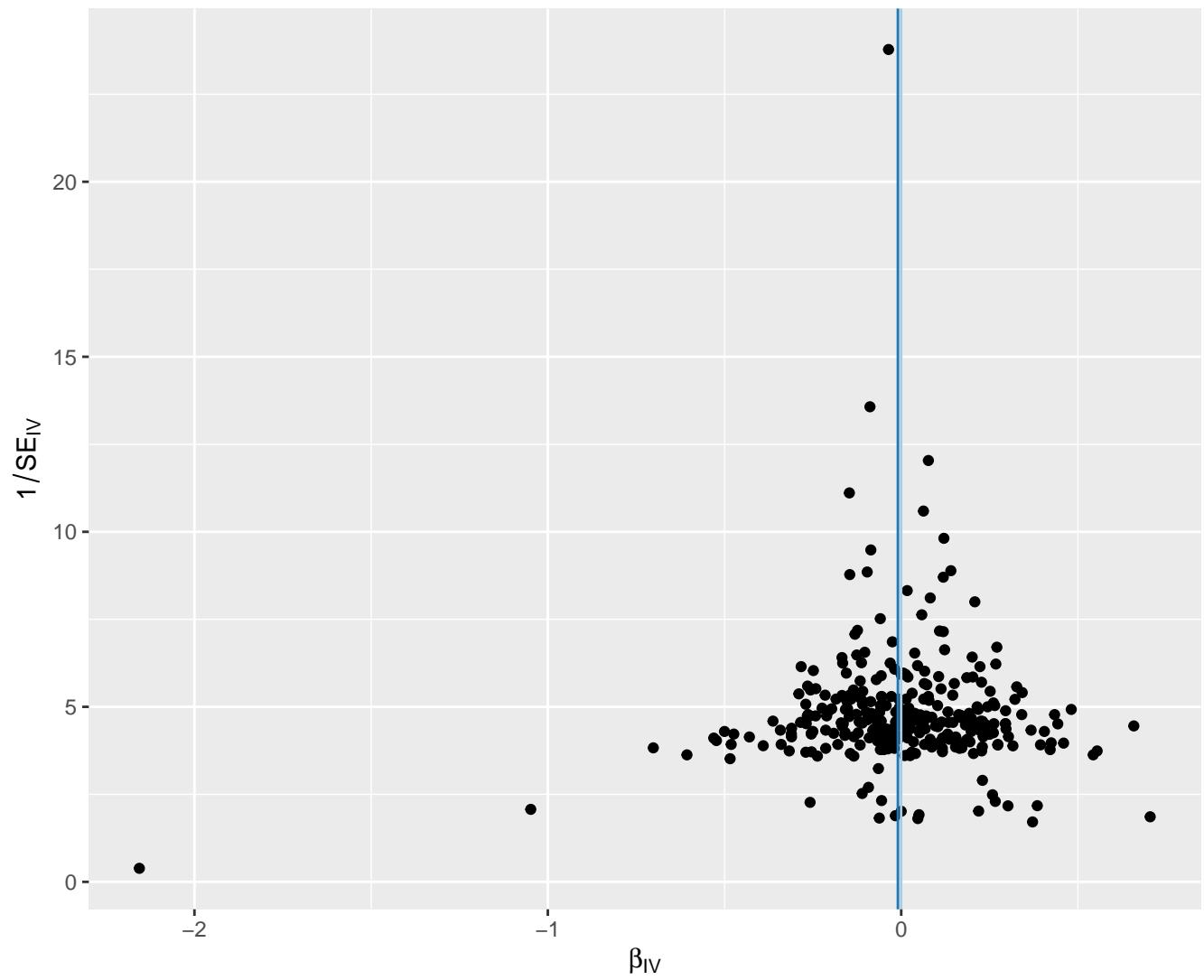
MR Egger



Phenyllactate (PLA)

MR Method

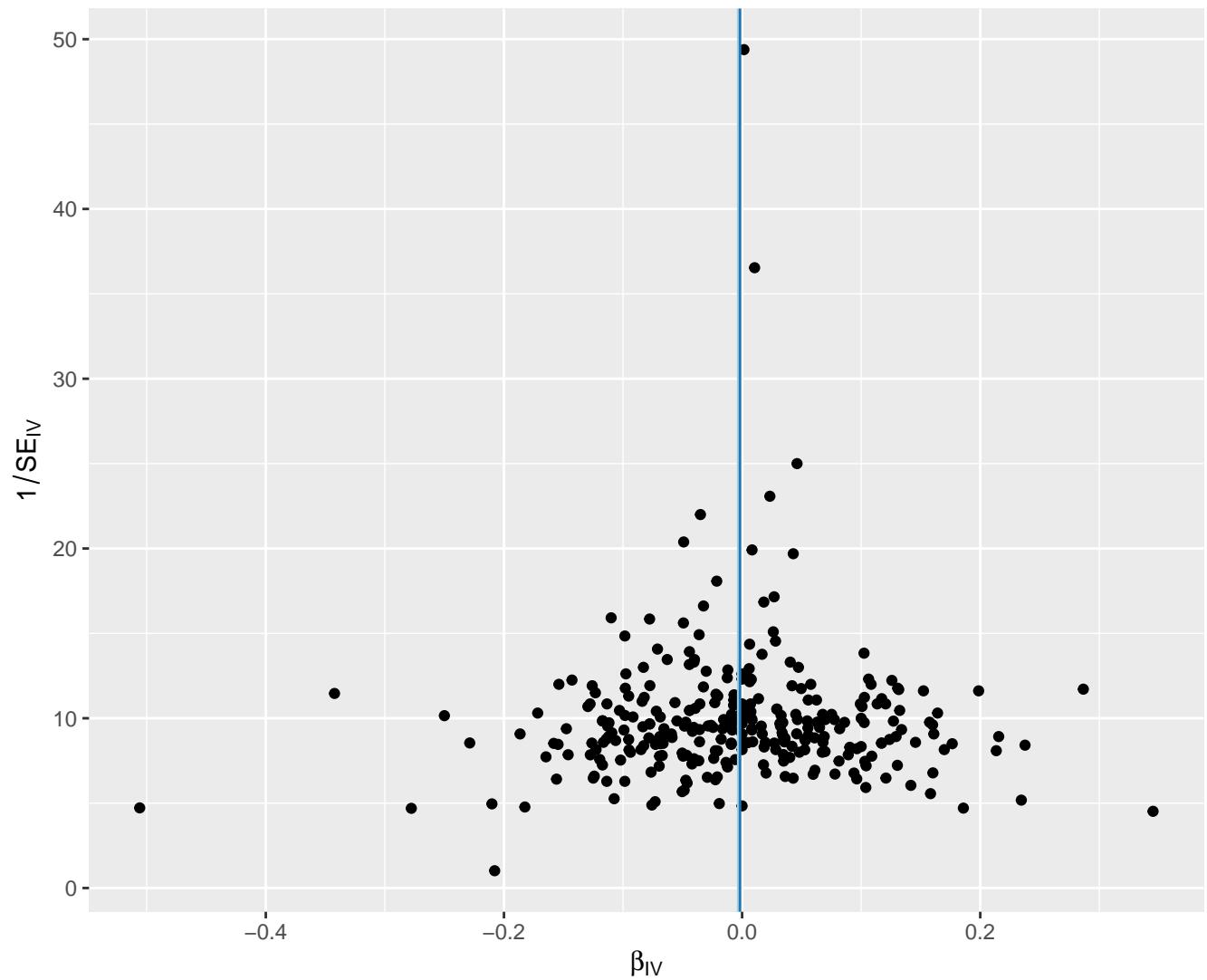
- Inverse variance weighted
- MR Egger



Phosphate

MR Method

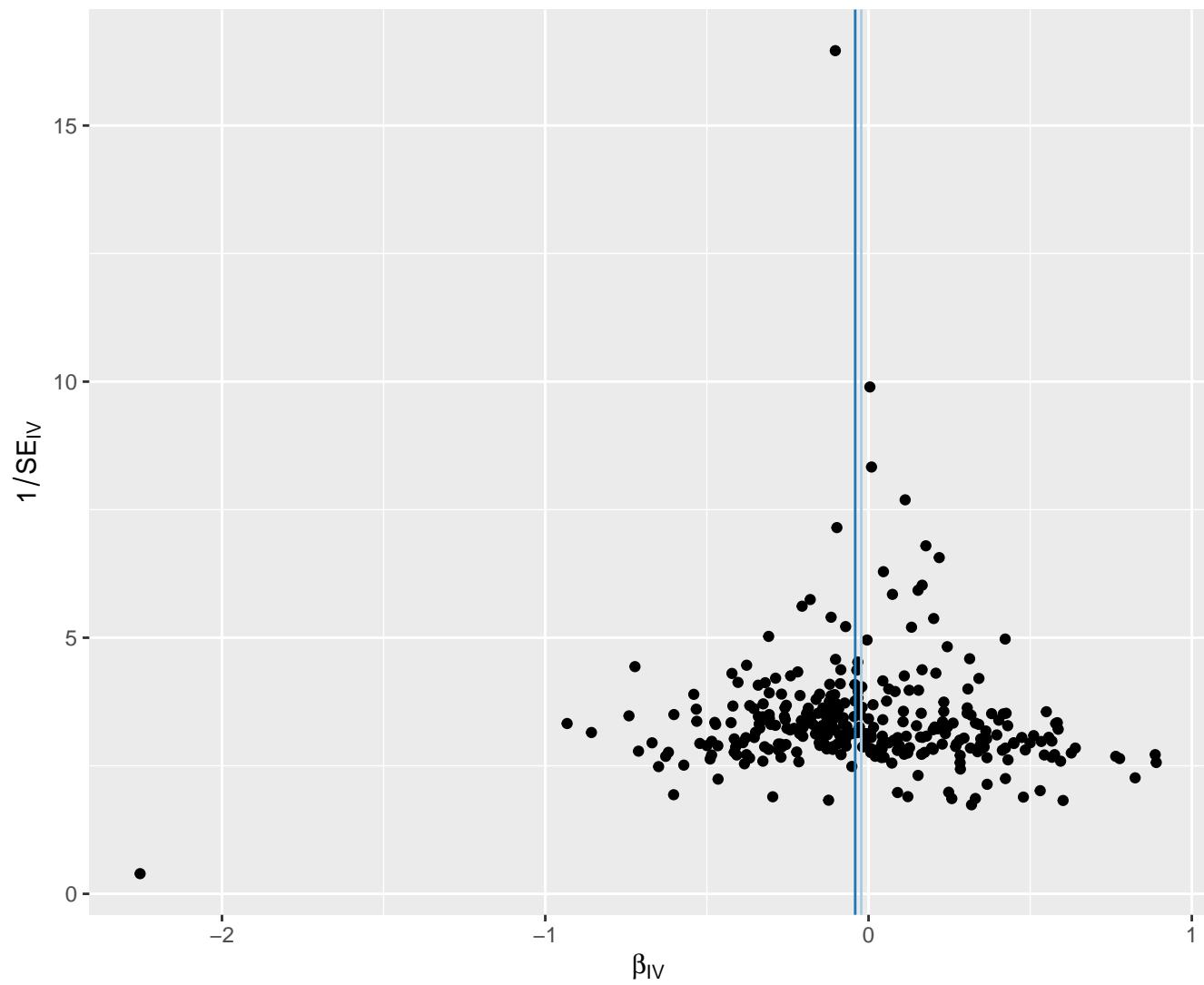
- Inverse variance weighted
- MR Egger



Pipecolate

MR Method

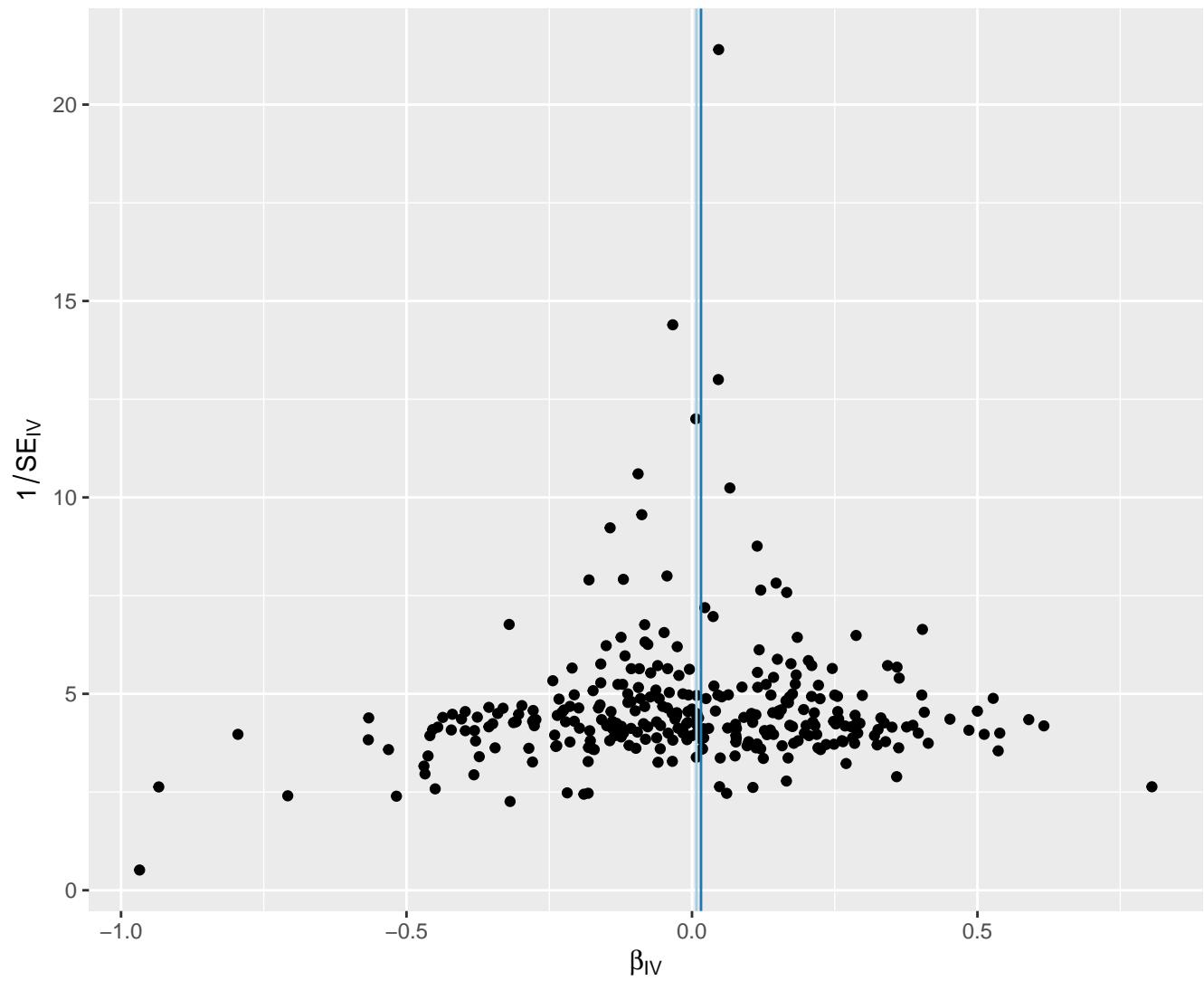
- Inverse variance weighted
- MR Egger



Pro-hydroxy-pro

MR Method

- Inverse variance weighted
- MR Egger

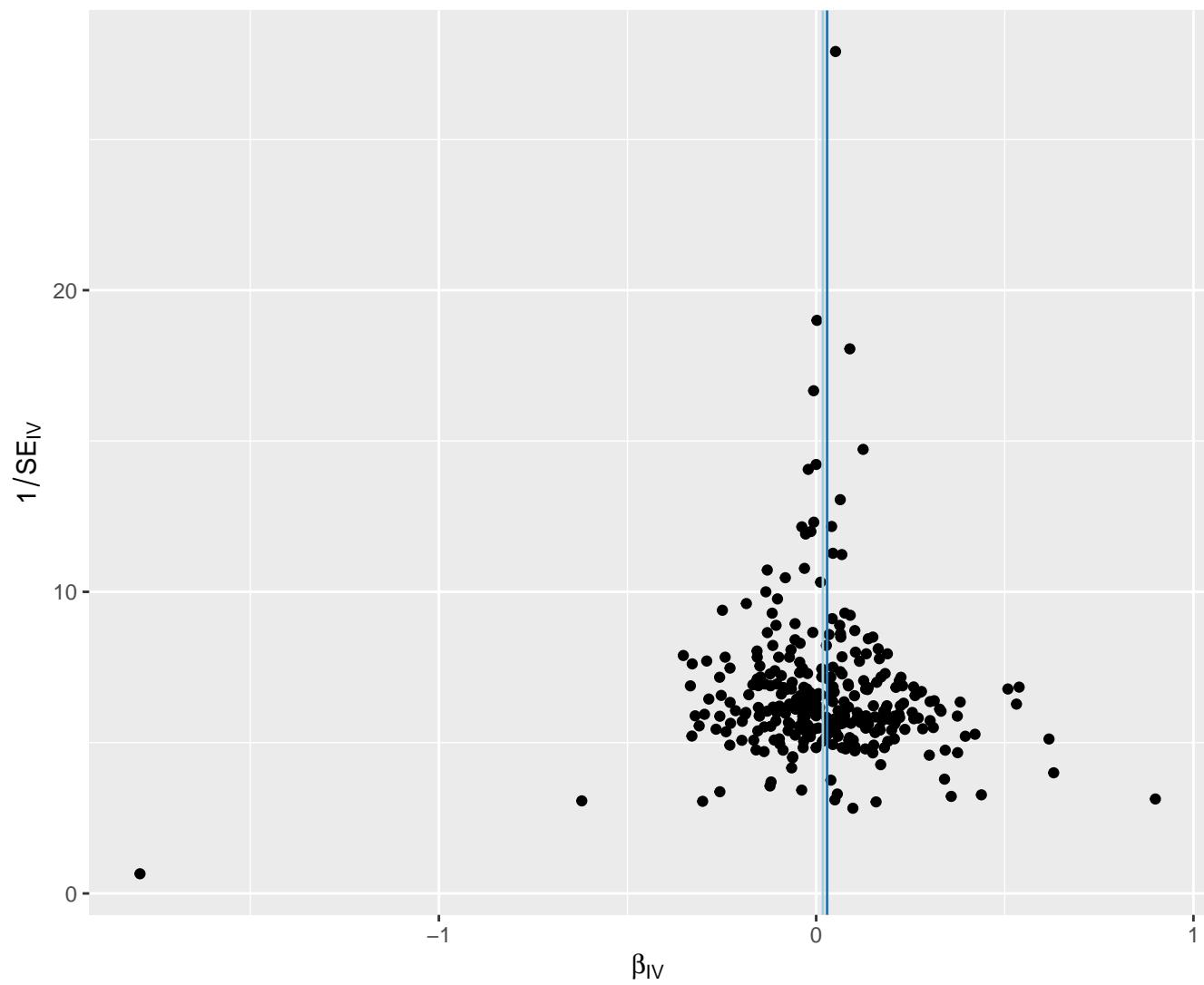


Proline

MR Method

Inverse variance weighted

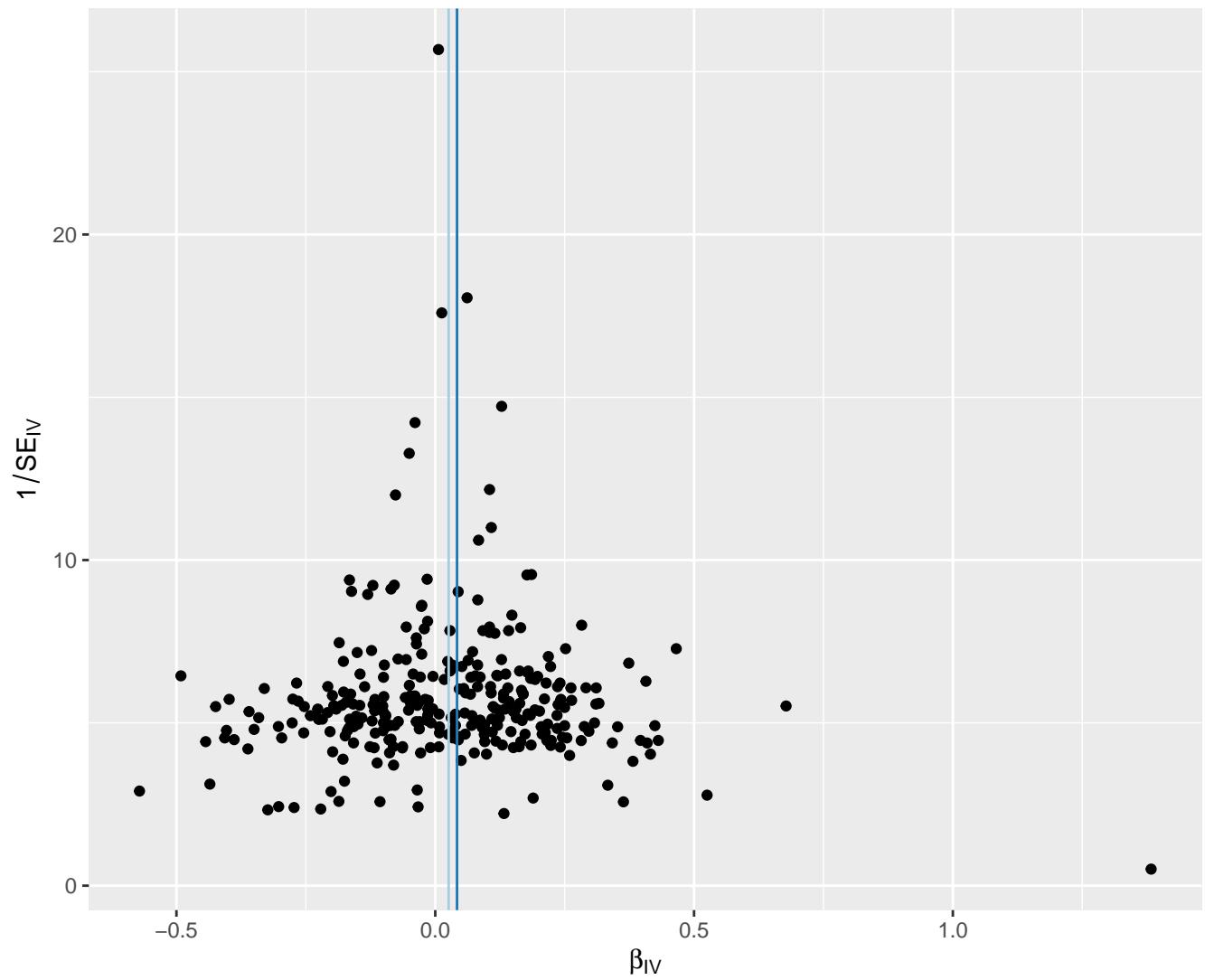
MR Egger



Propionylcarnitine

MR Method

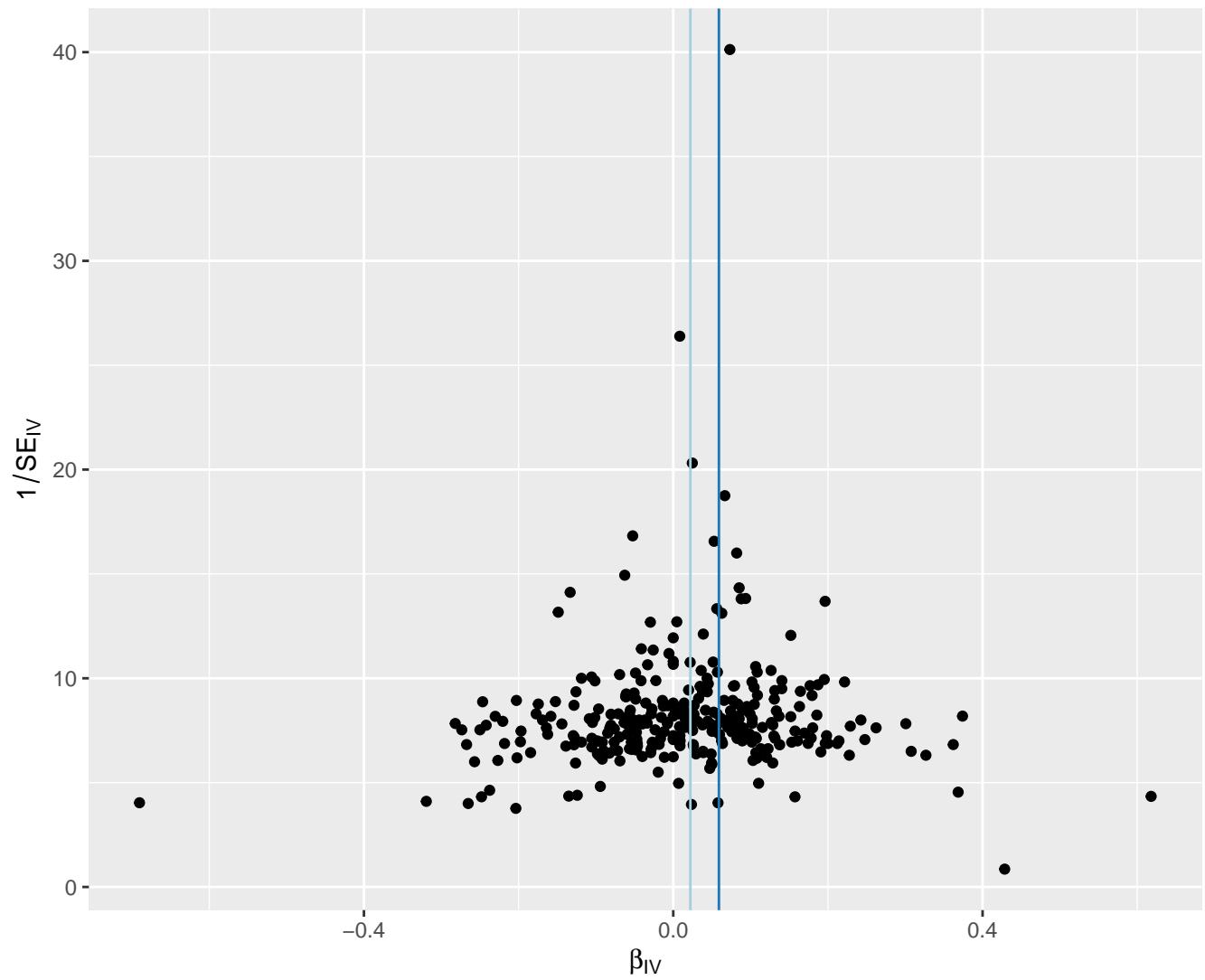
- Inverse variance weighted
- MR Egger



Pseudouridine

MR Method

- Inverse variance weighted
- MR Egger

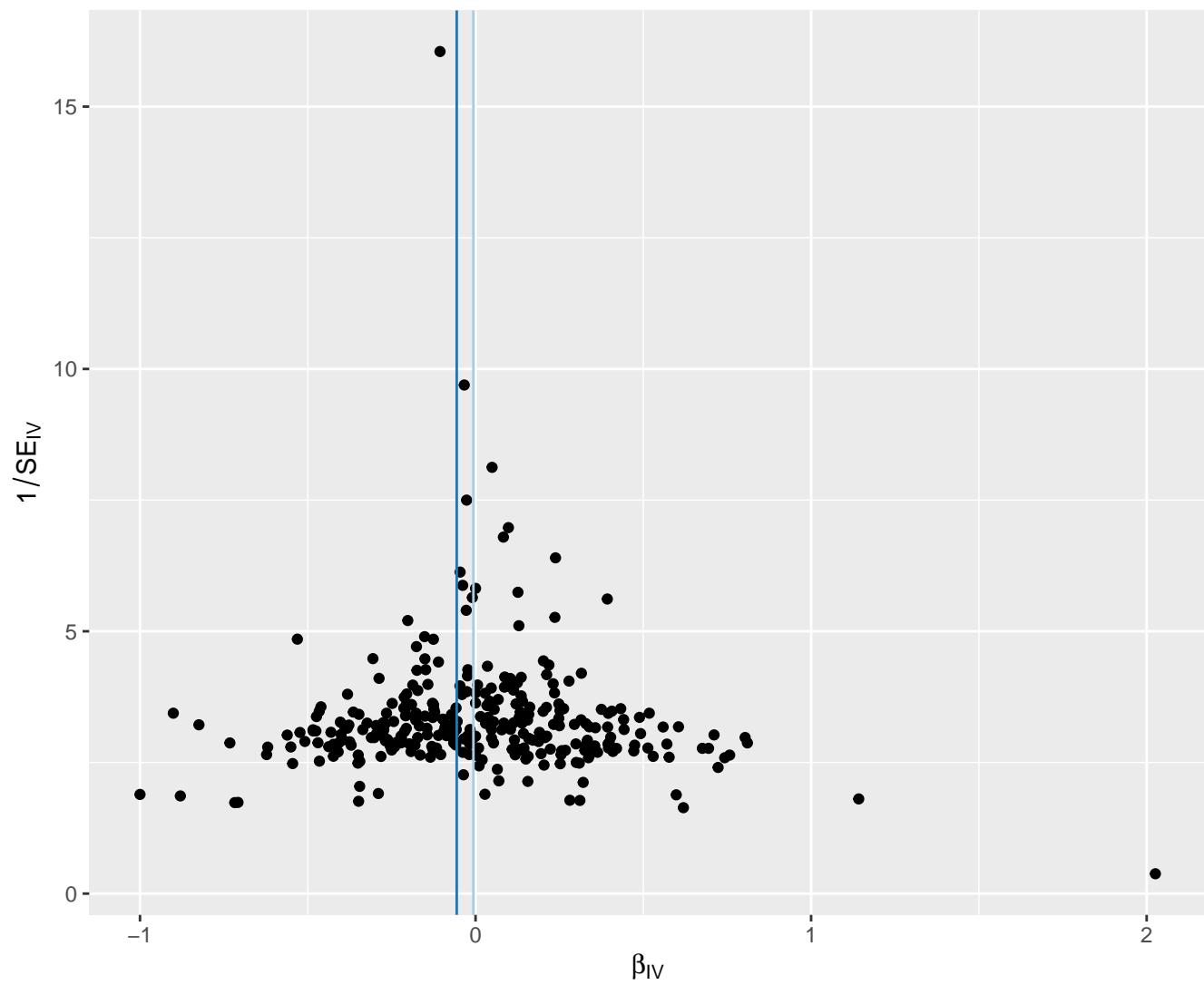


Pyridoxate

MR Method

Inverse variance weighted

MR Egger

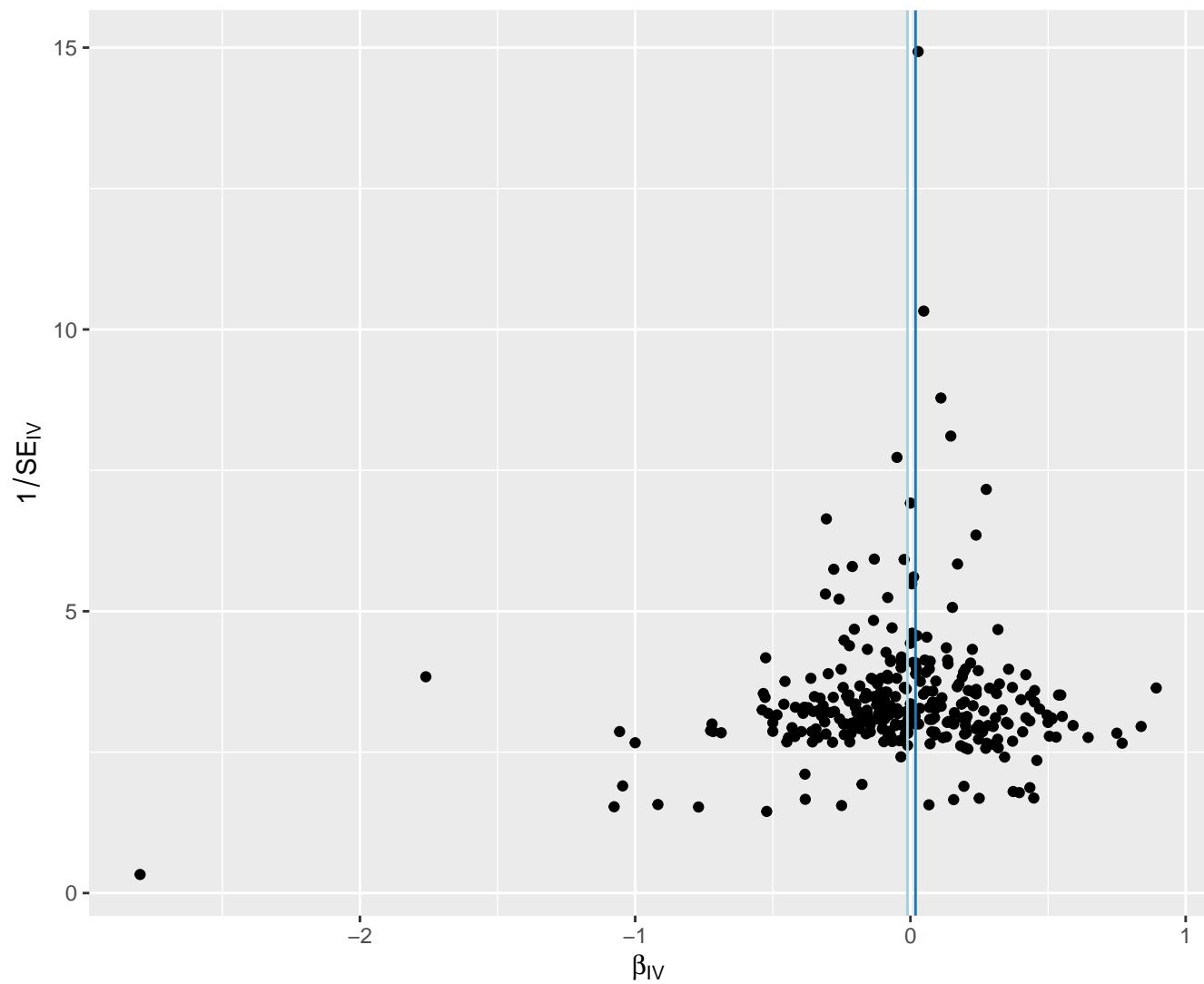


Pyroglutamine*

MR Method

Inverse variance weighted

MR Egger

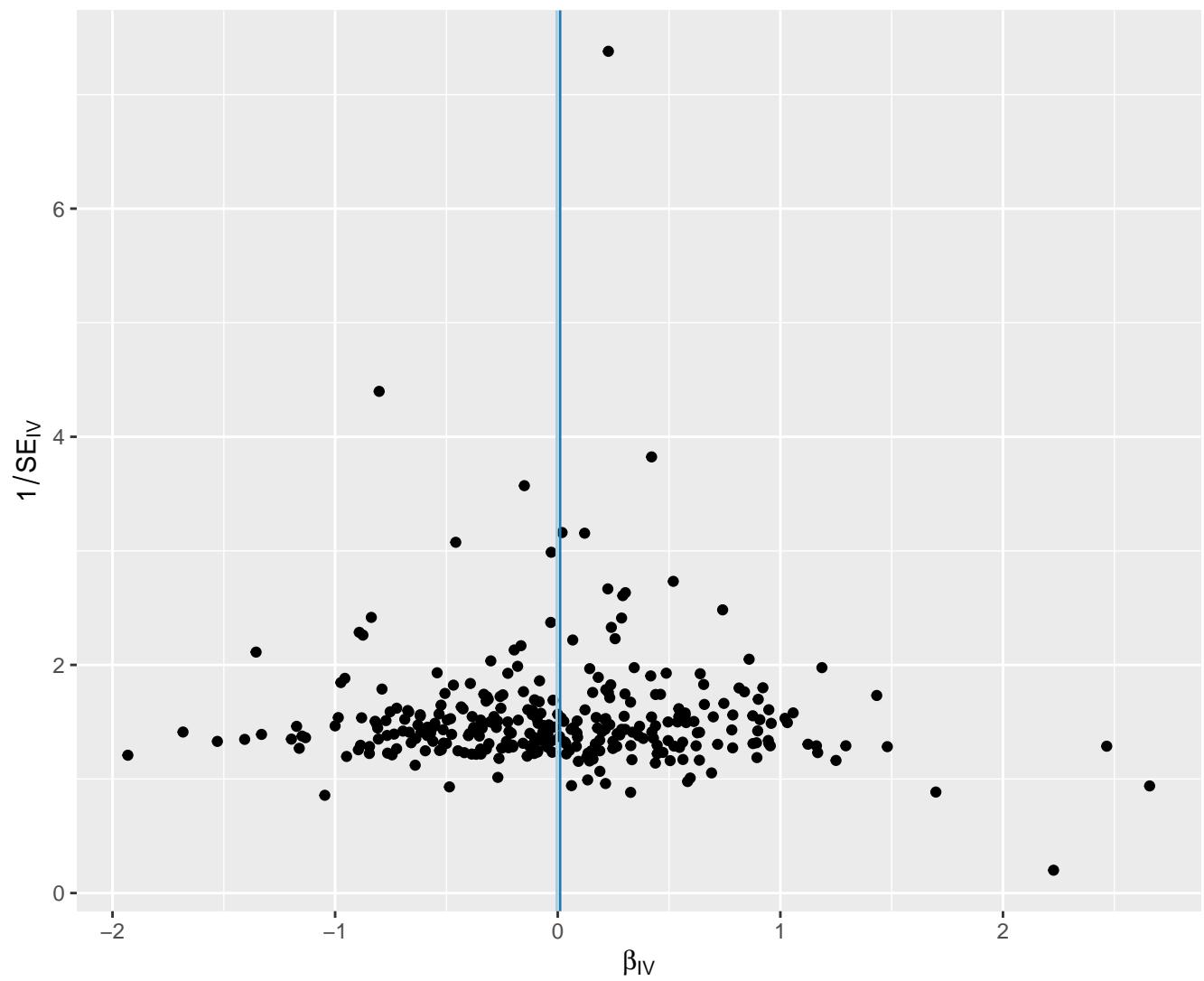


Pyroglutamylglycine

MR Method

Inverse variance weighted

MR Egger

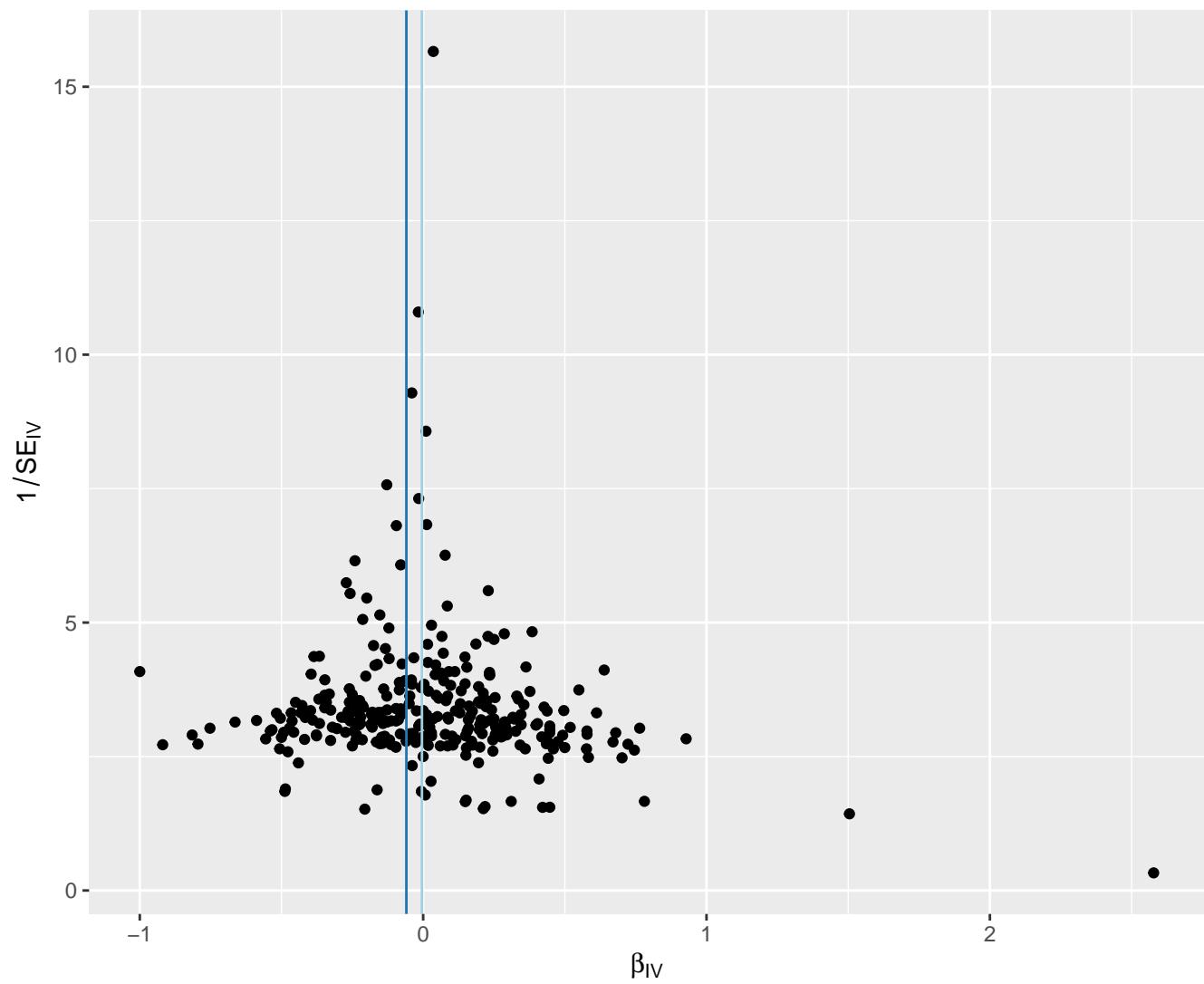


Pyruvate

MR Method

Inverse variance weighted

MR Egger

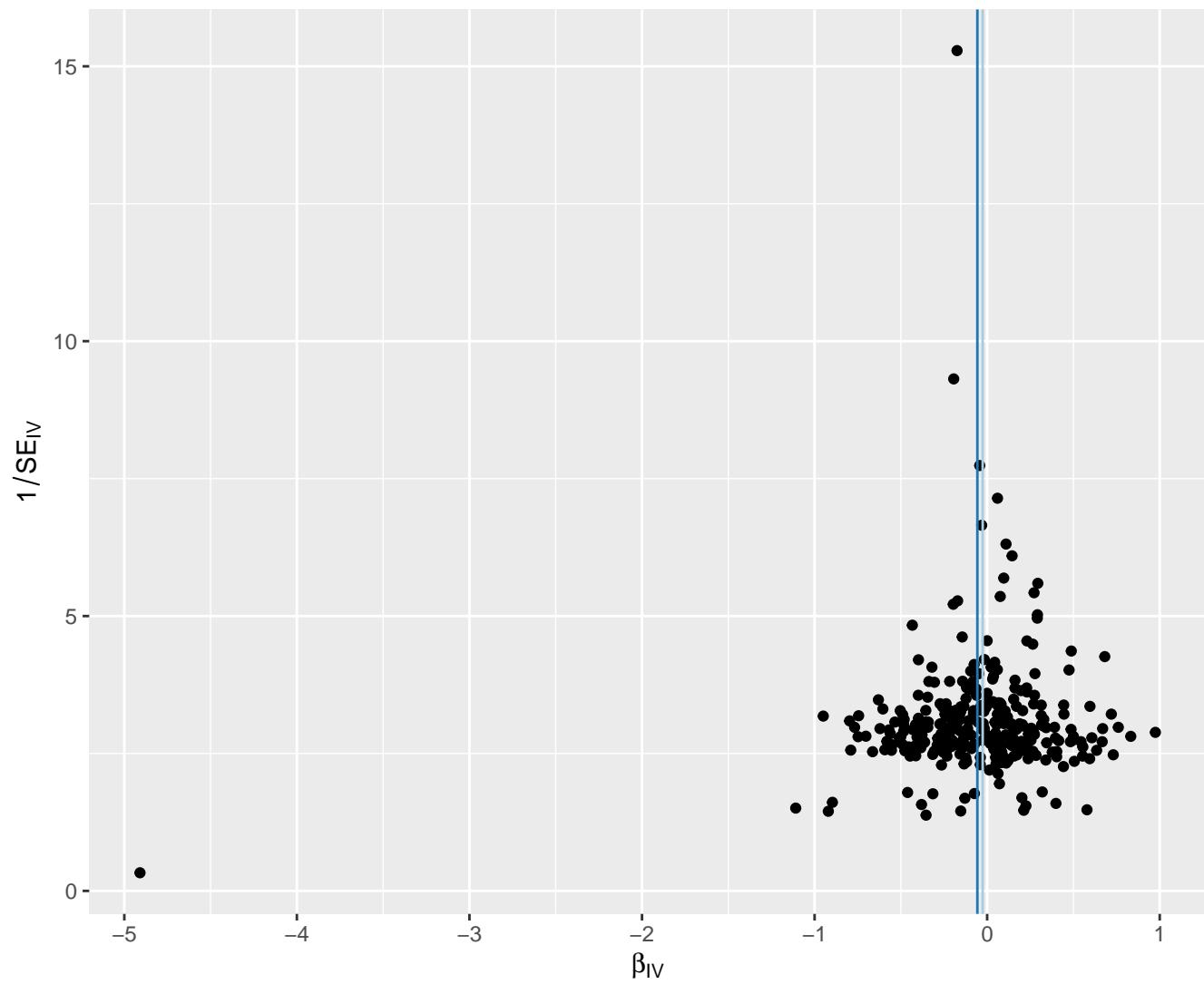


Scyllo-inositol

MR Method

Inverse variance weighted

MR Egger

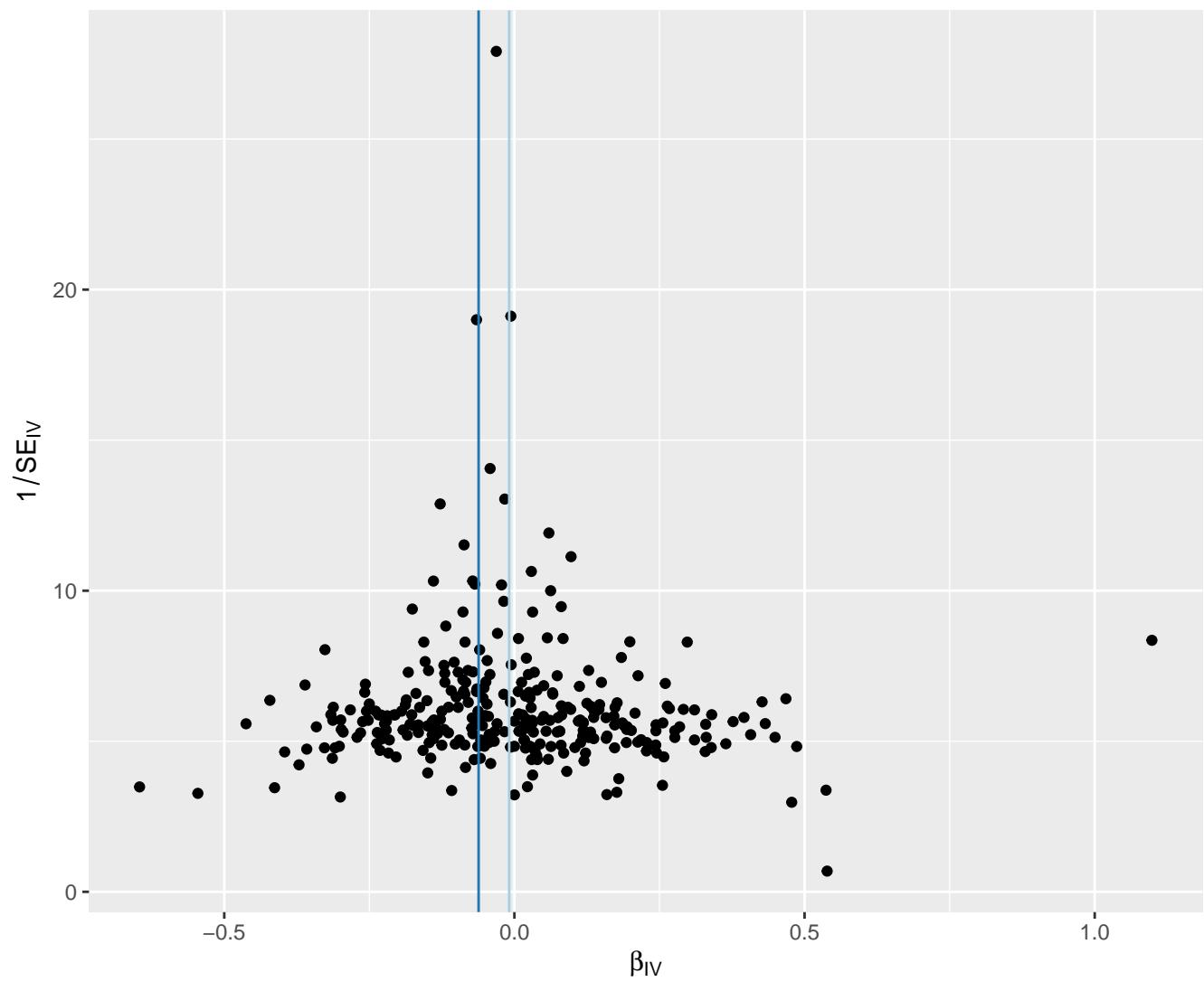


Serine

MR Method

Inverse variance weighted

MR Egger

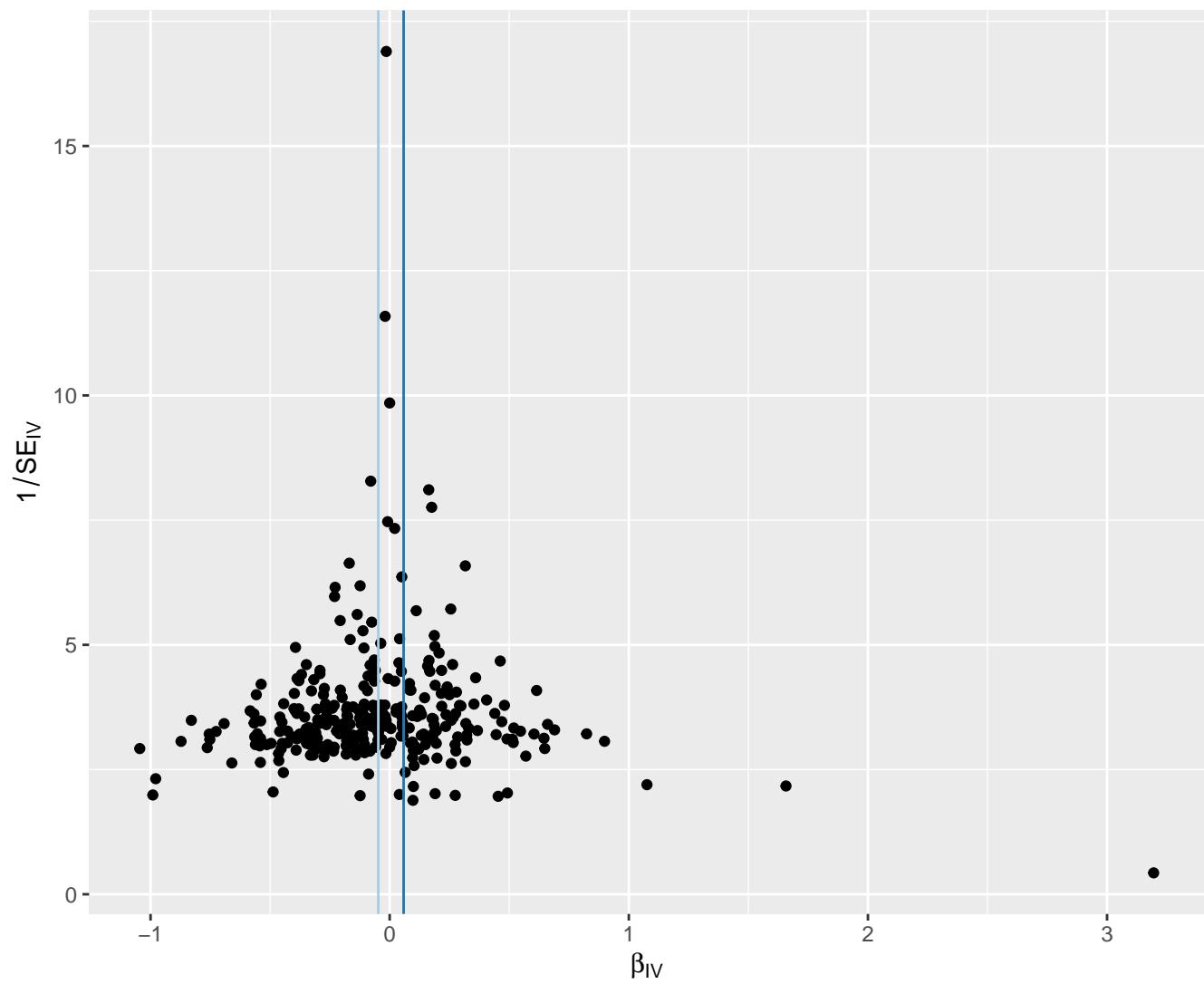


Serotonin (5HT)

MR Method

Inverse variance weighted

MR Egger

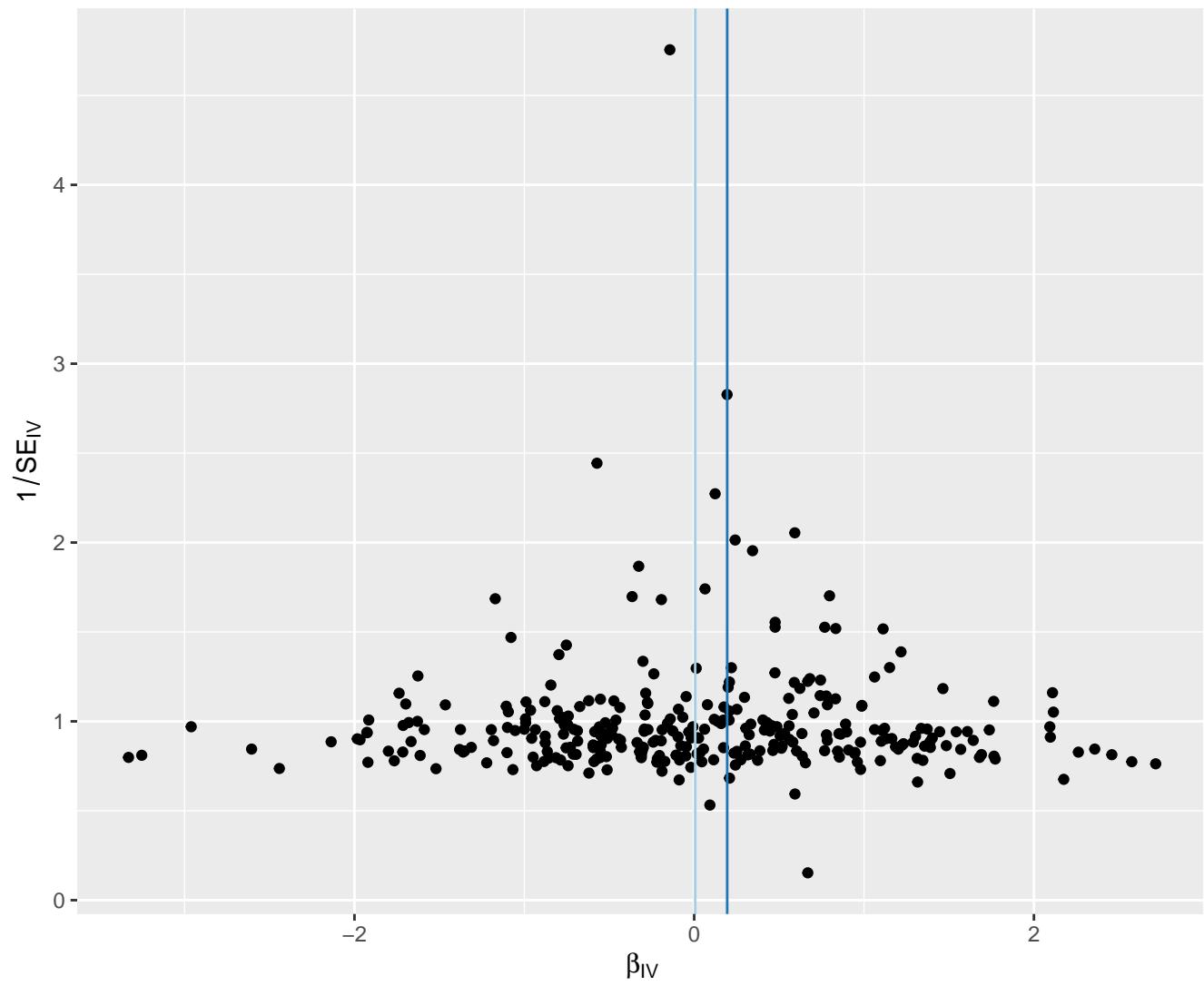


Stachydrine

MR Method

Inverse variance weighted

MR Egger

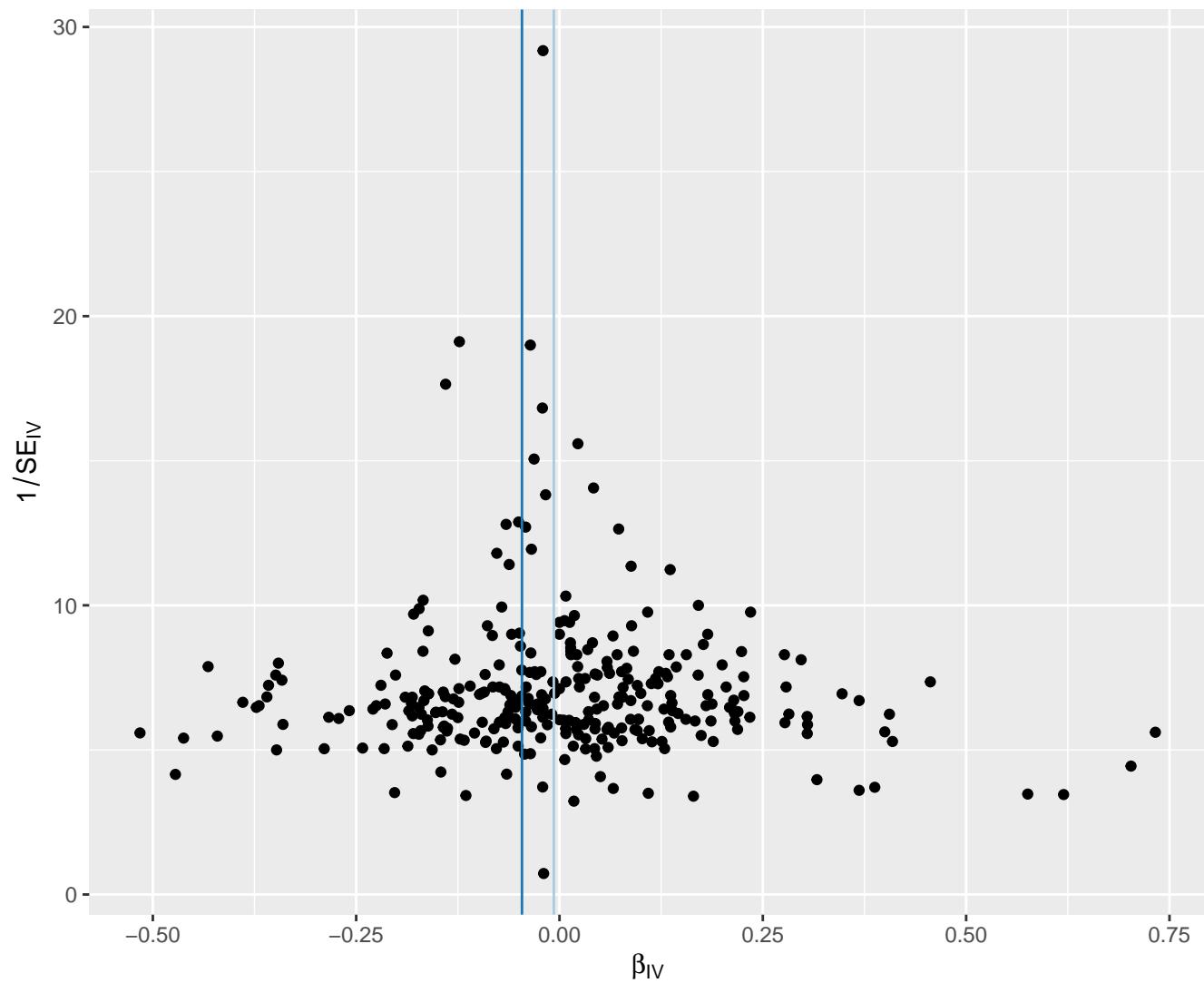


Stearate (18:0)

MR Method

Inverse variance weighted

MR Egger

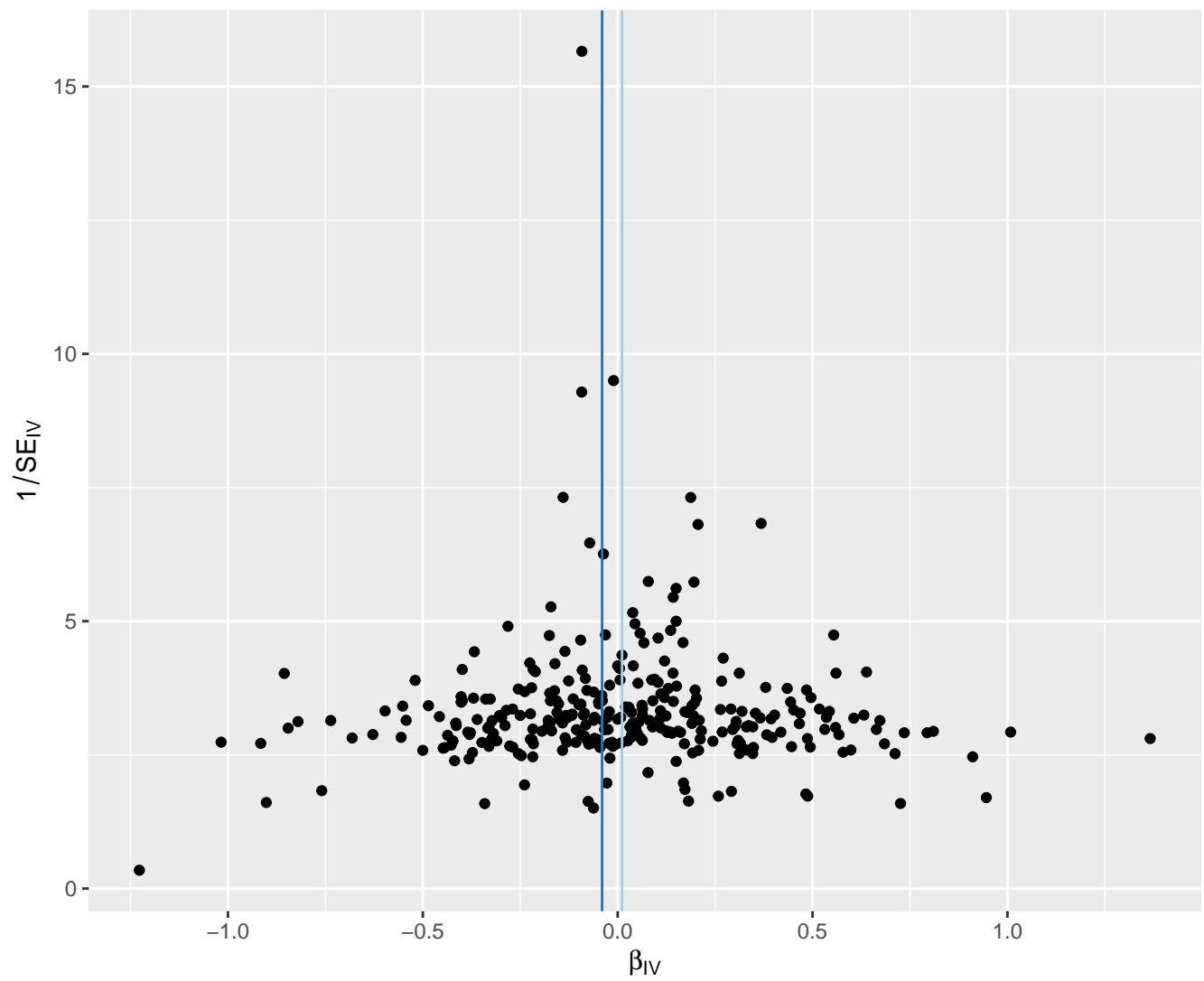


Stearidonate (18:4n3)

MR Method

Inverse variance weighted

MR Egger

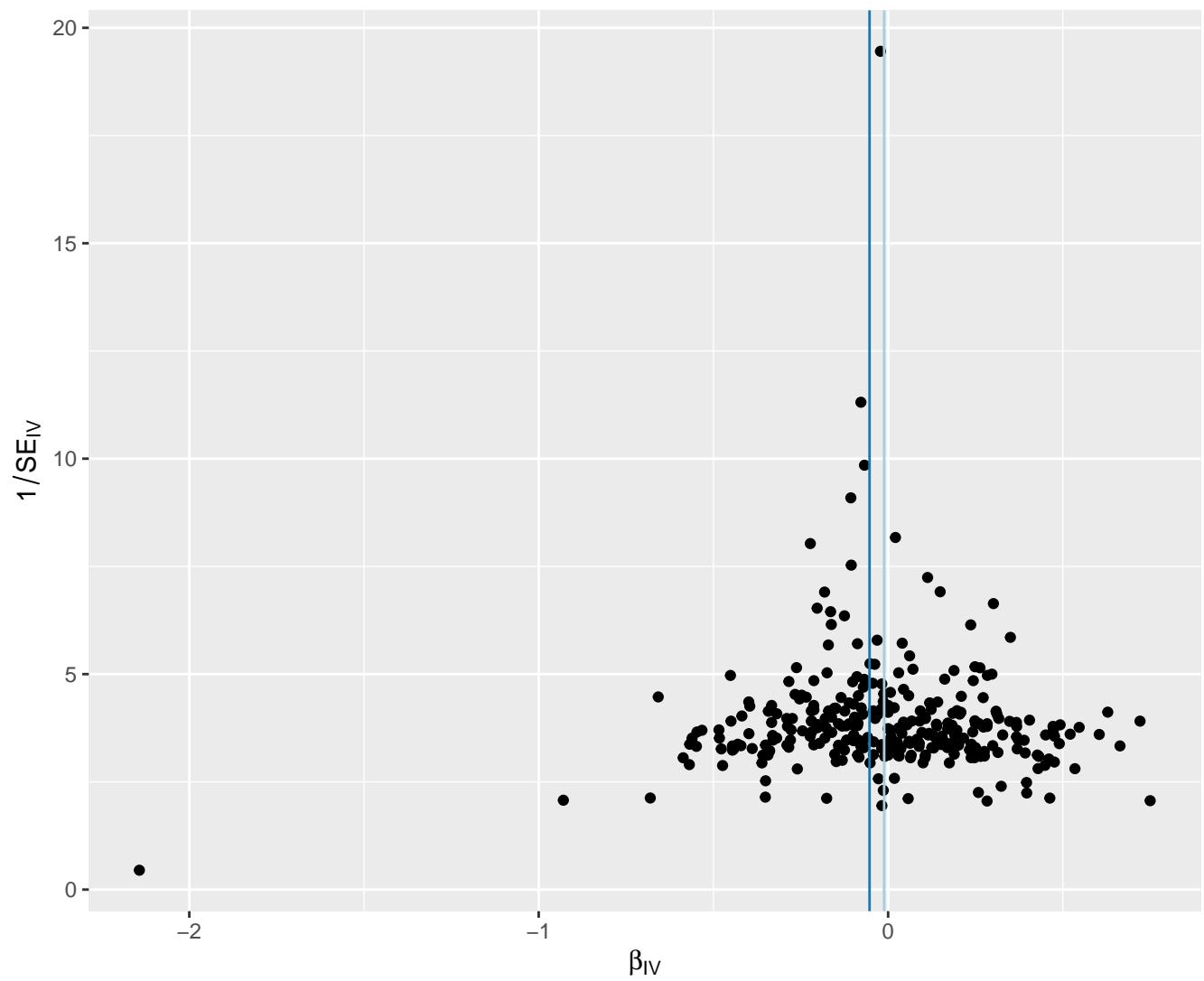


Stearoylcarnitine

MR Method

Inverse variance weighted

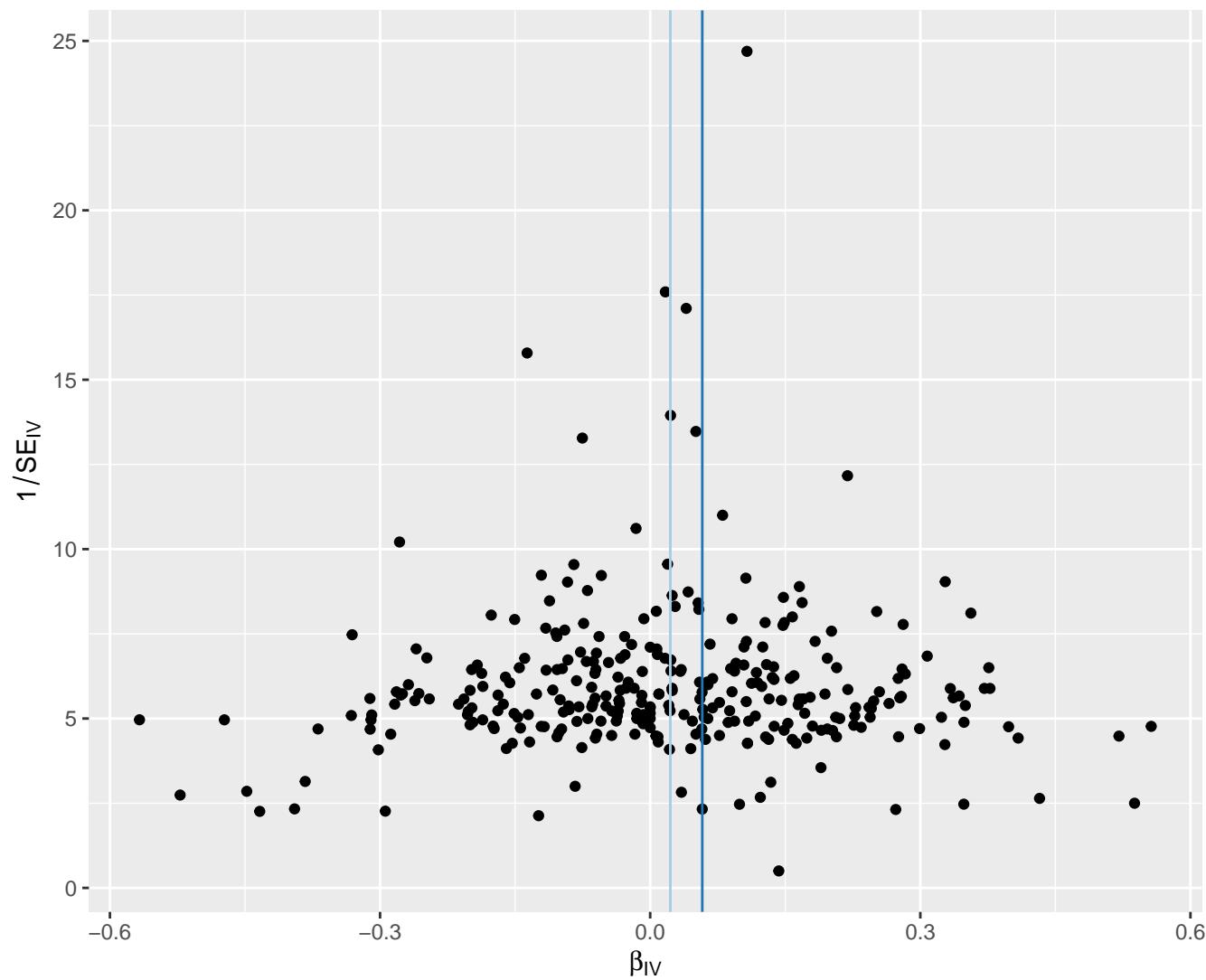
MR Egger



Succinylcarnitine

MR Method

- Inverse variance weighted
- MR Egger

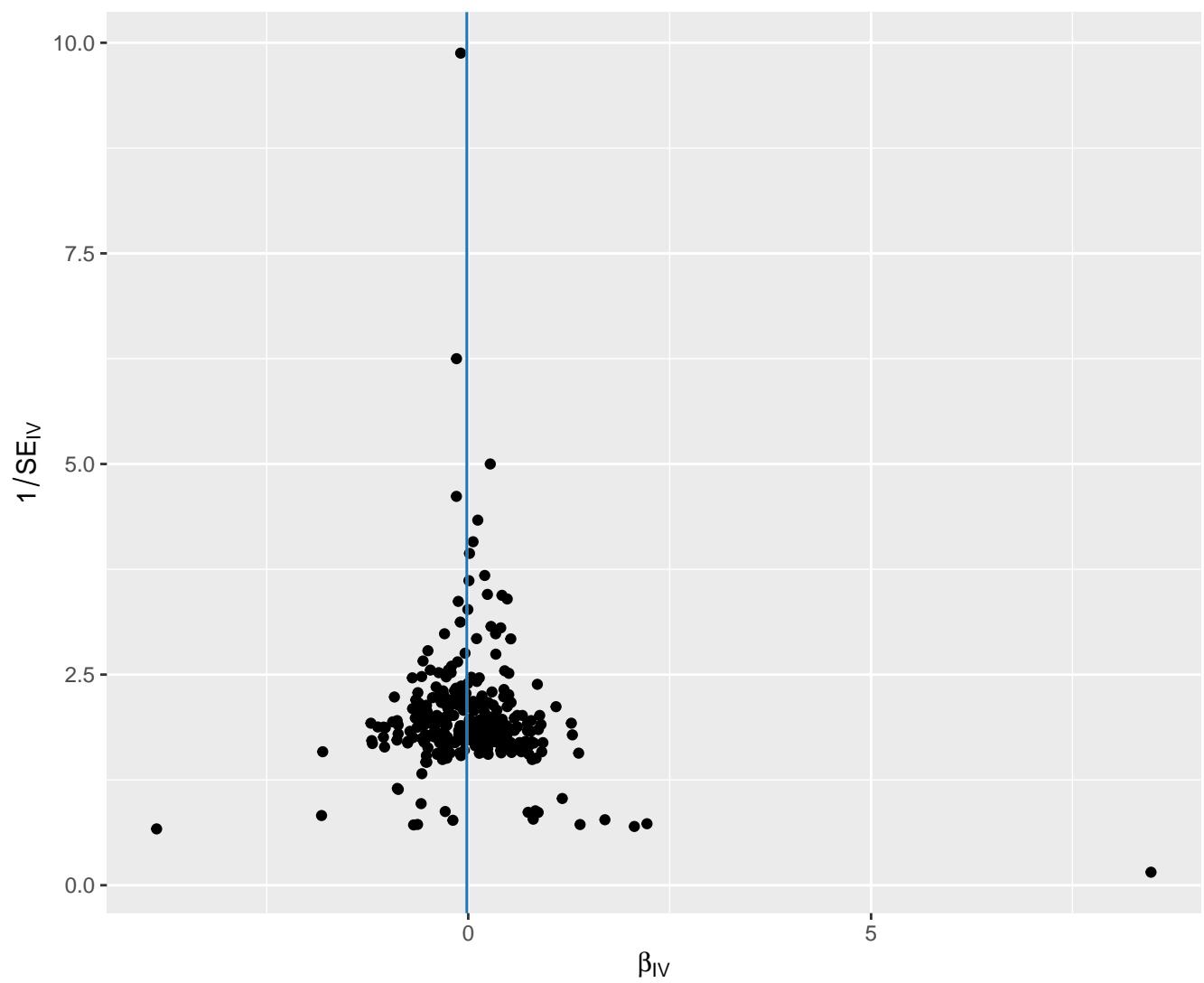


Taurochenodeoxycholate

MR Method

Inverse variance weighted

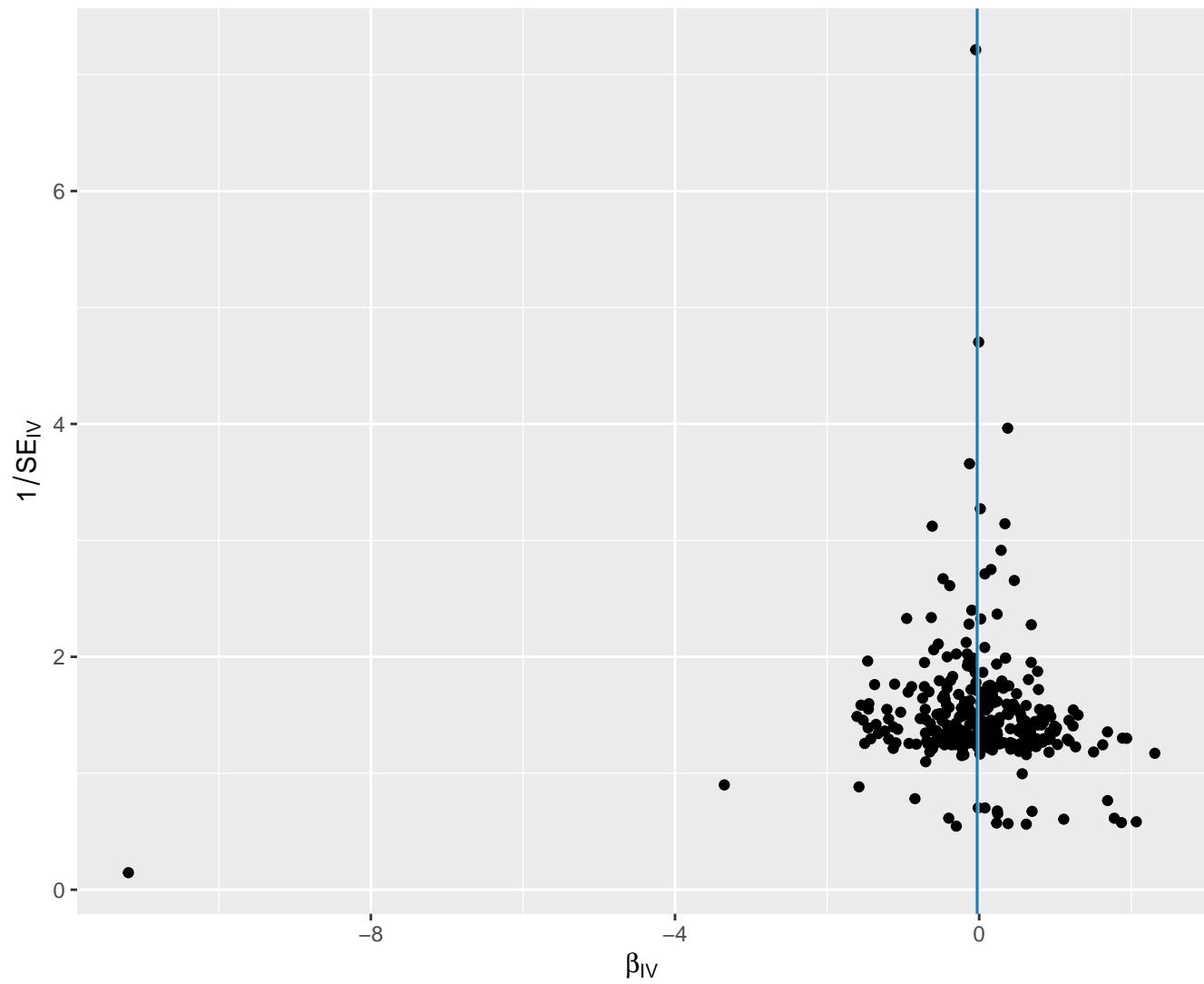
MR Egger



Taurocholate

MR Method

- Inverse variance weighted
- MR Egger

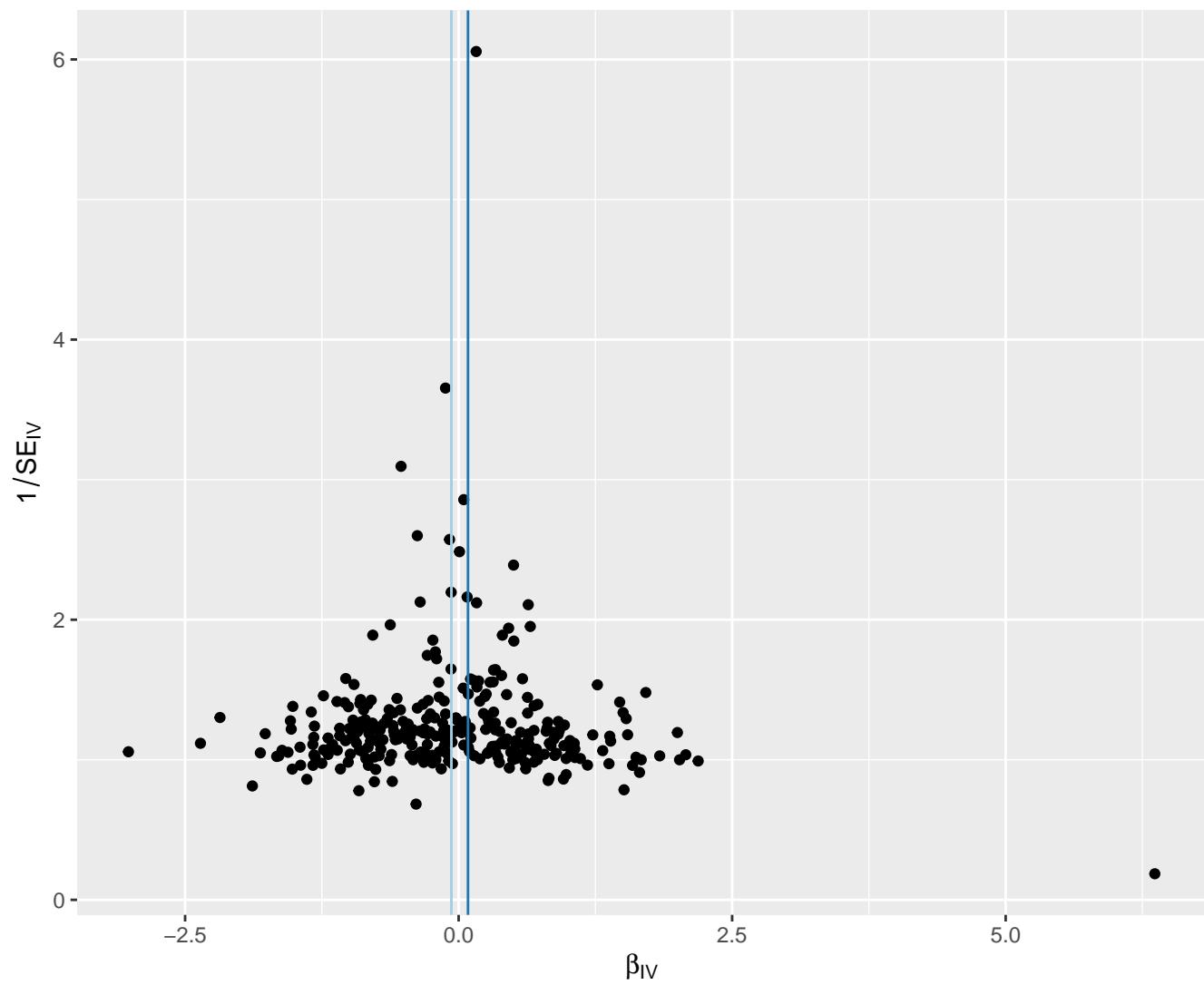


Taurodeoxycholate

MR Method

Inverse variance weighted

MR Egger

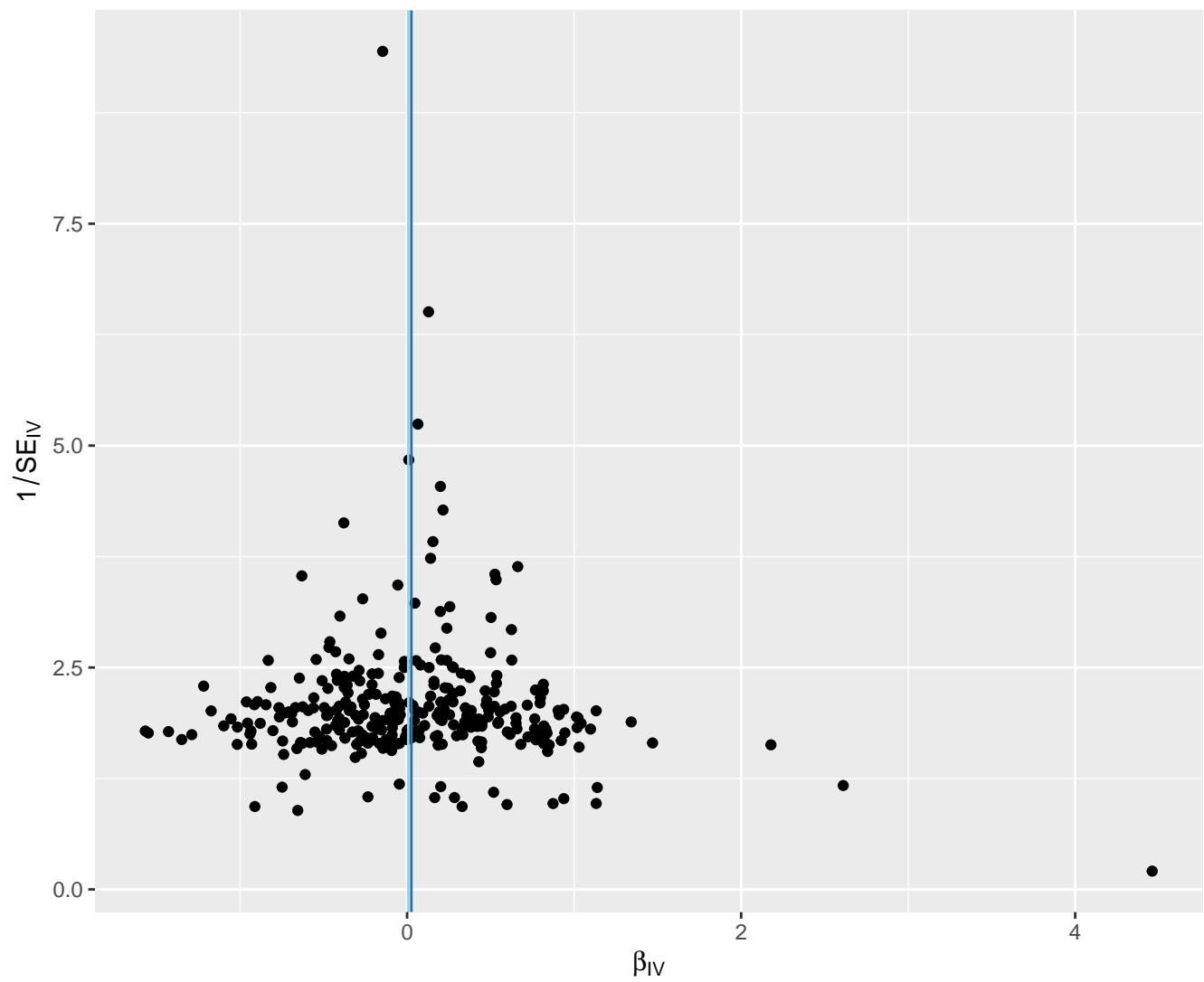


Taurolithocholate 3-sulfate

MR Method

Inverse variance weighted

MR Egger

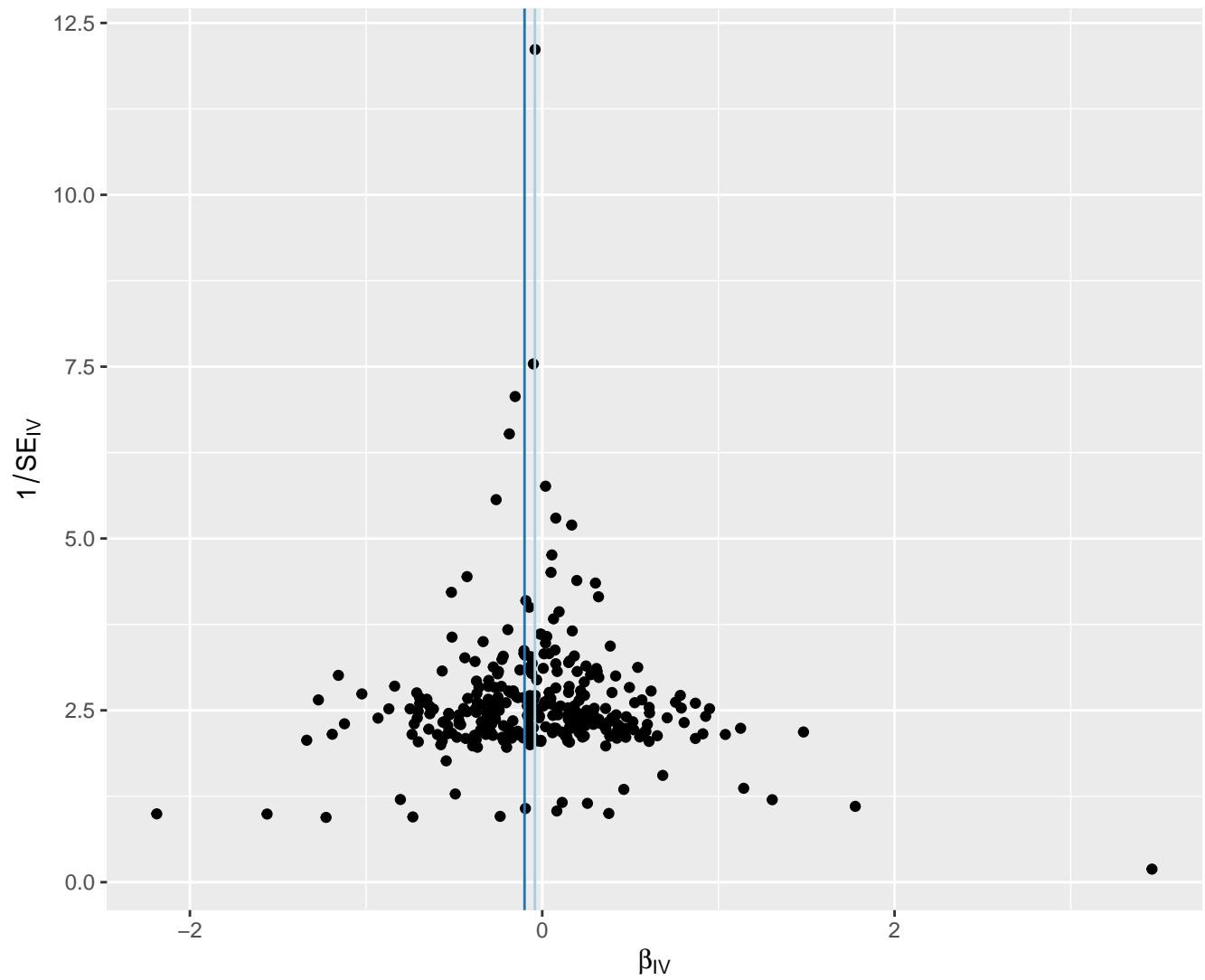


Tetradecanedioate

MR Method

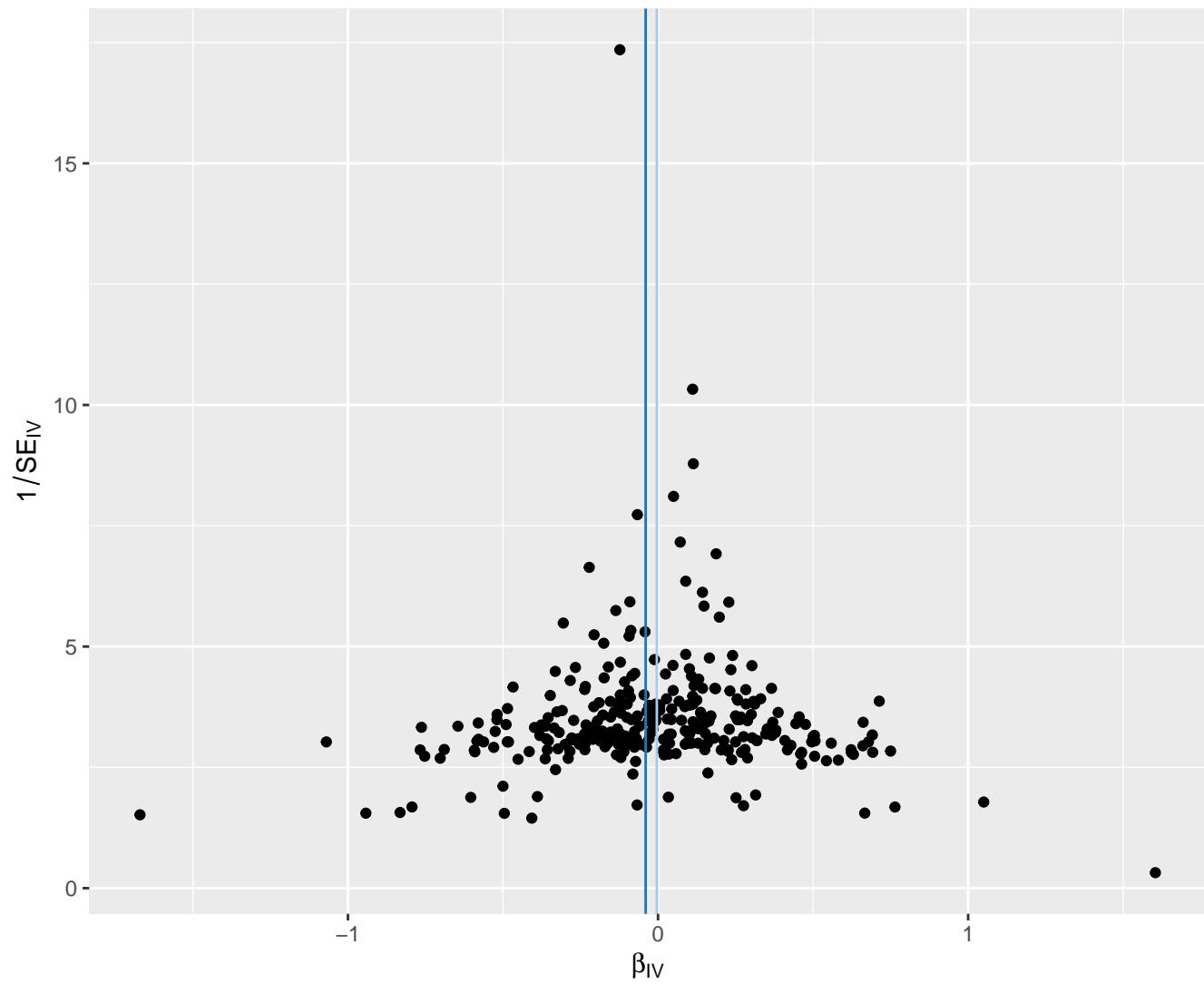
Inverse variance weighted

MR Egger



MR Method

- Inverse variance weighted
- MR Egger

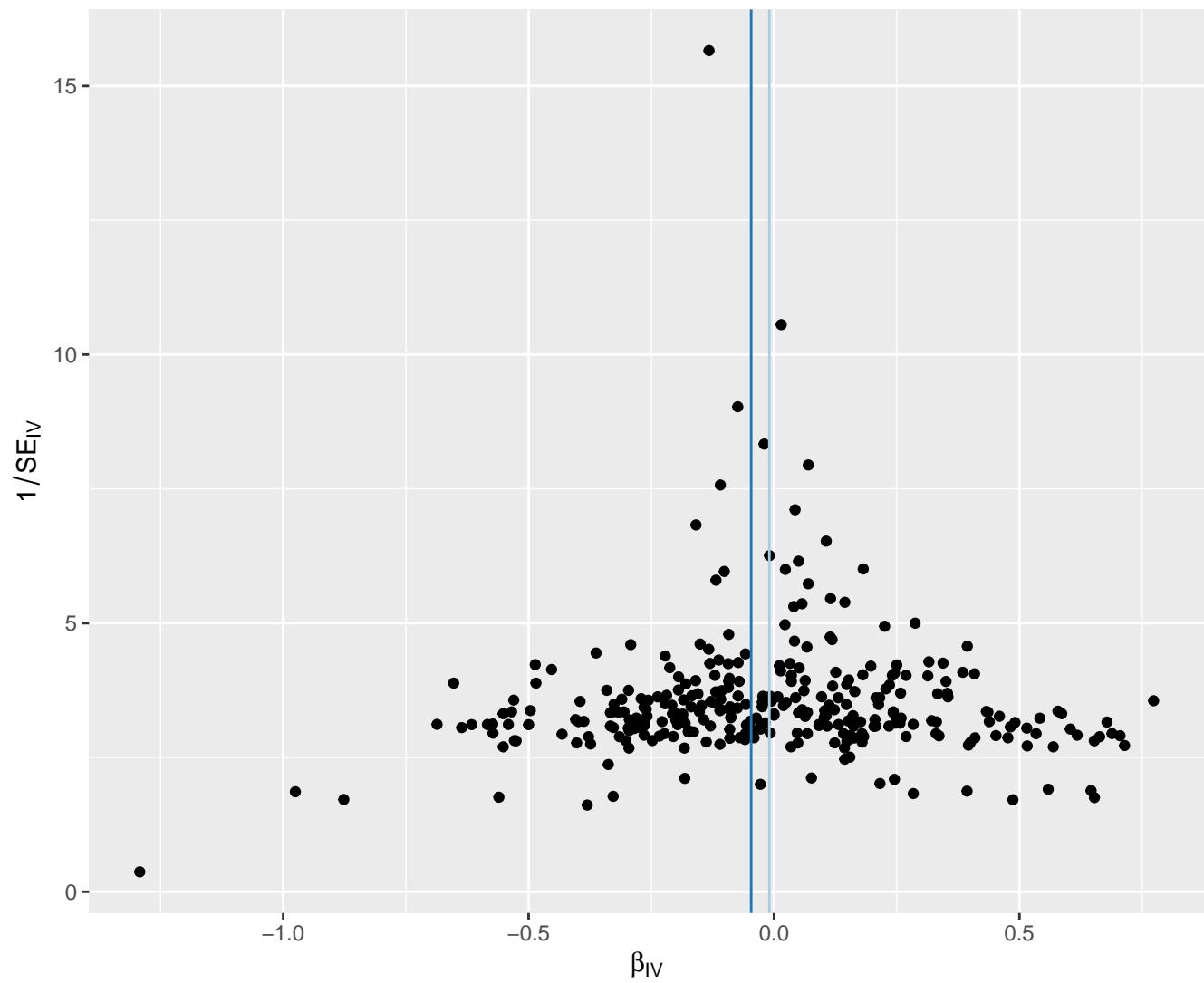


Threonate

MR Method

Inverse variance weighted

MR Egger

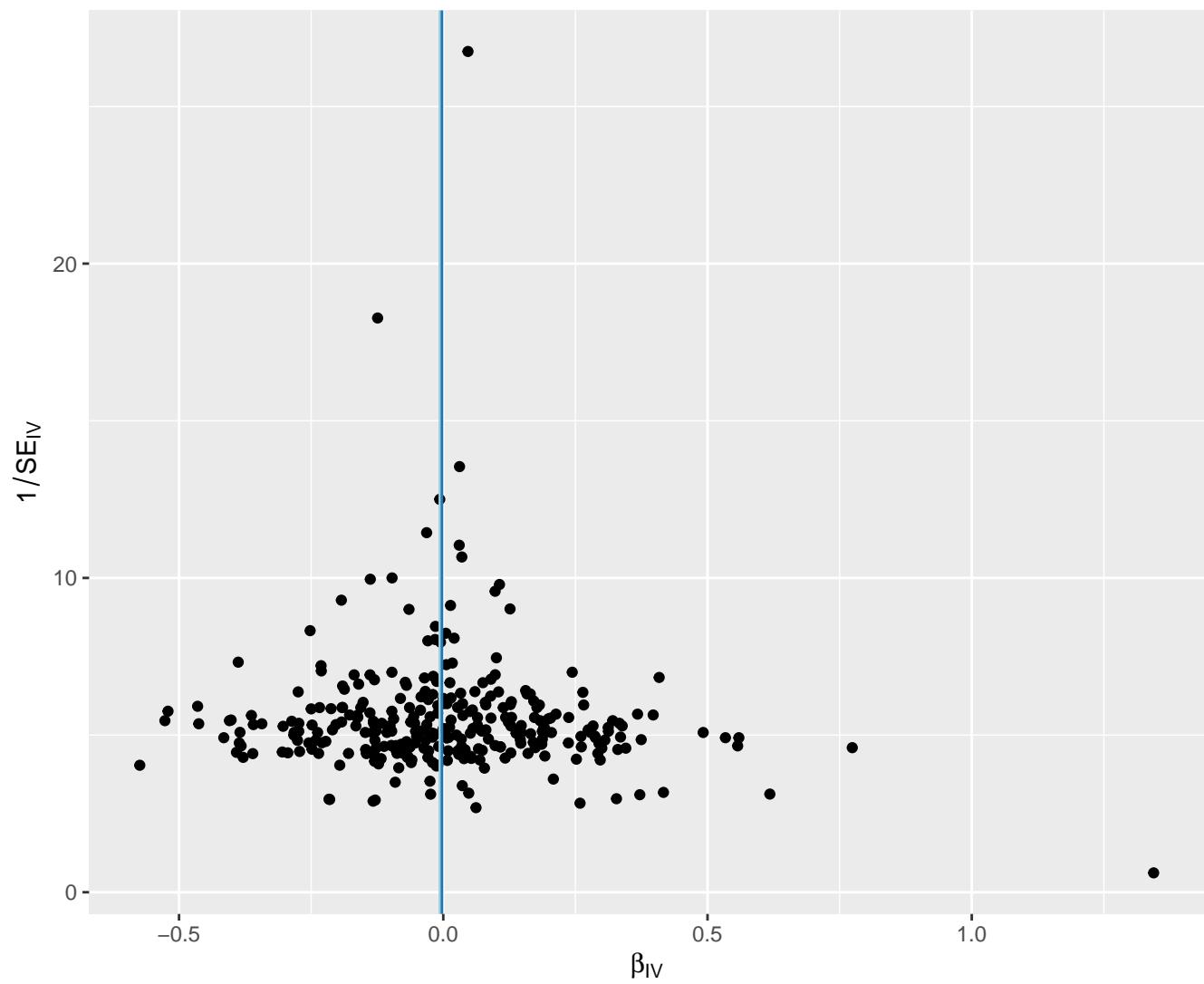


Threonine

MR Method

Inverse variance weighted

MR Egger

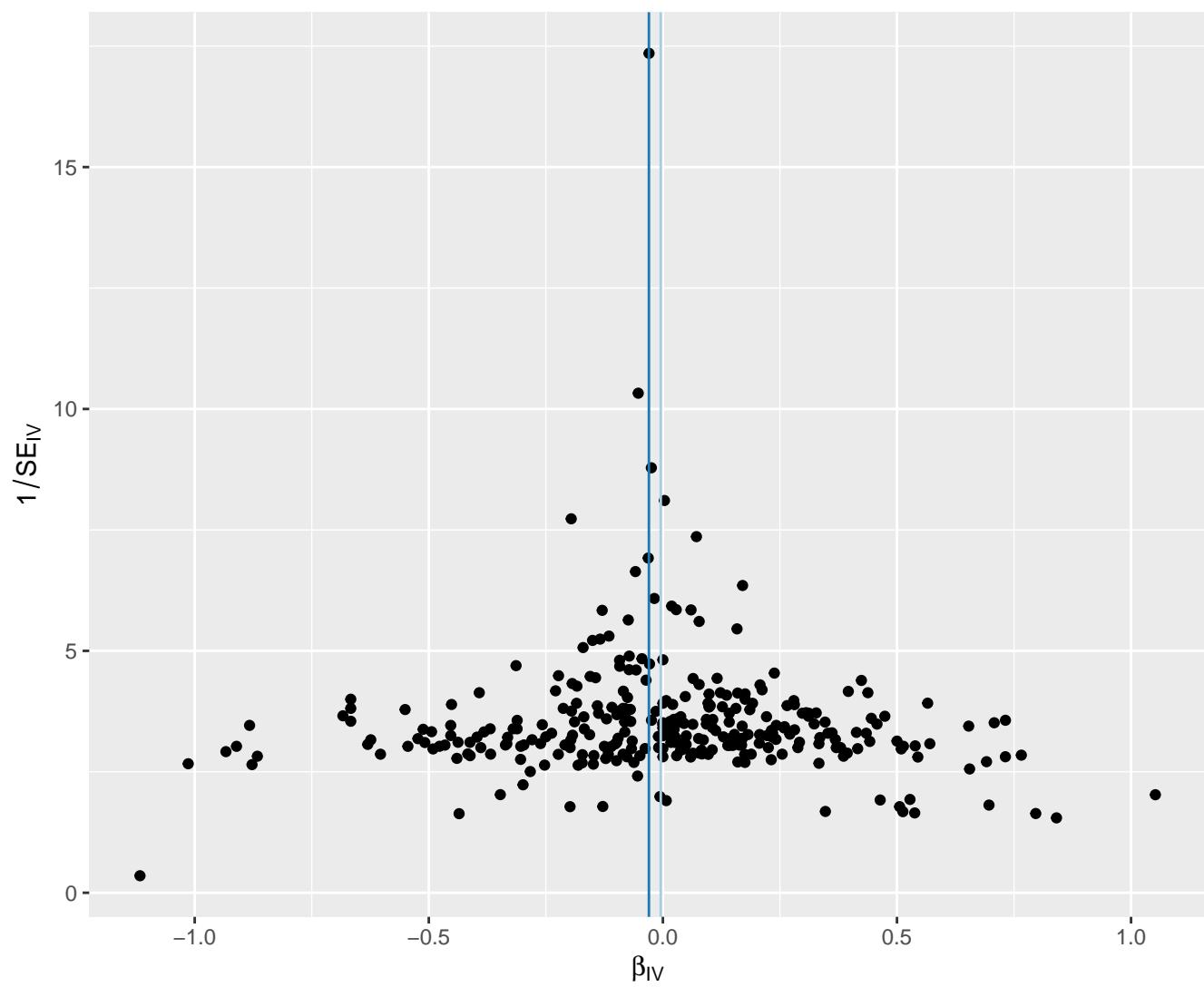


Trans-4-hydroxyproline

MR Method

Inverse variance weighted

MR Egger

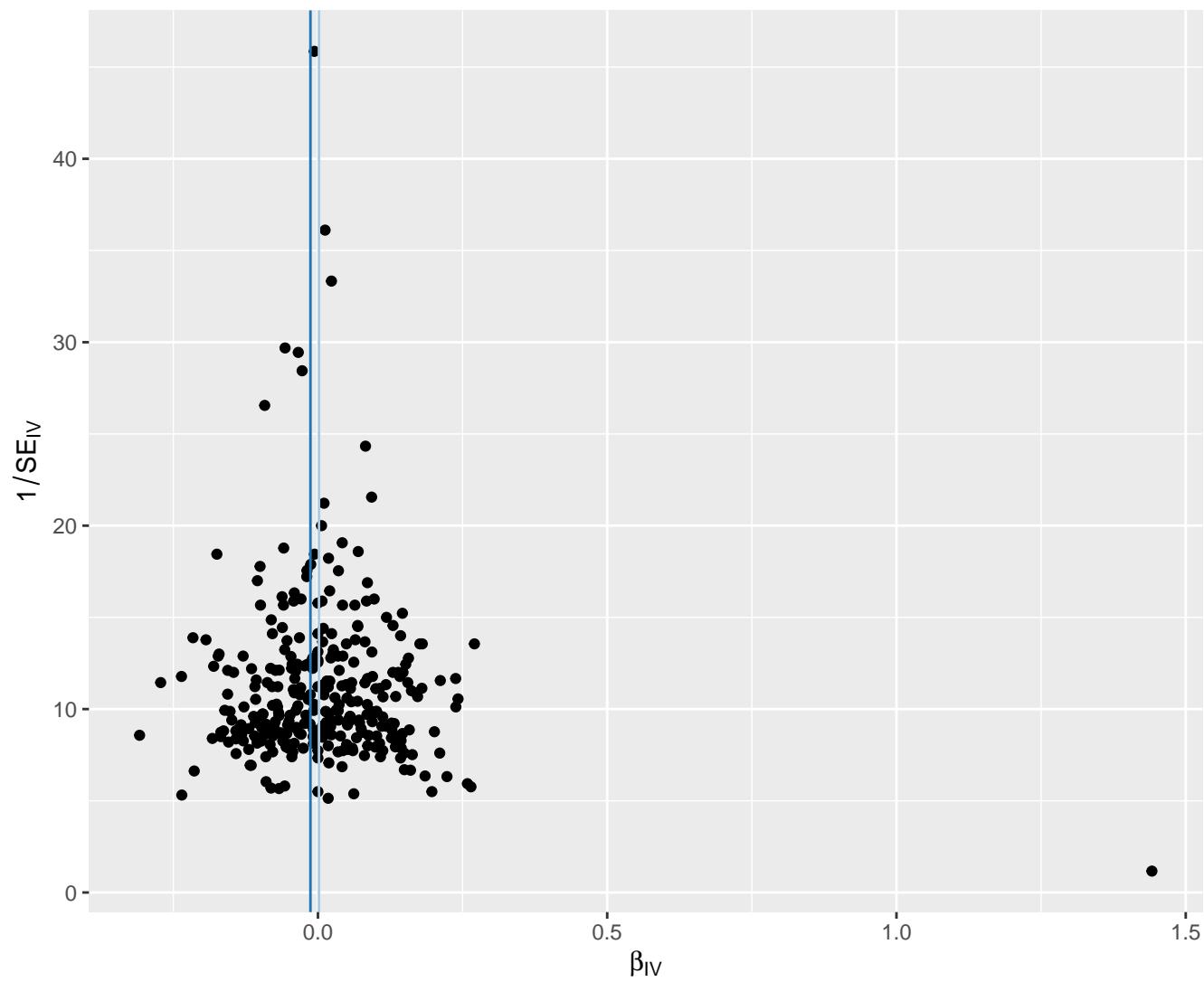


Tryptophan

MR Method

Inverse variance weighted

MR Egger

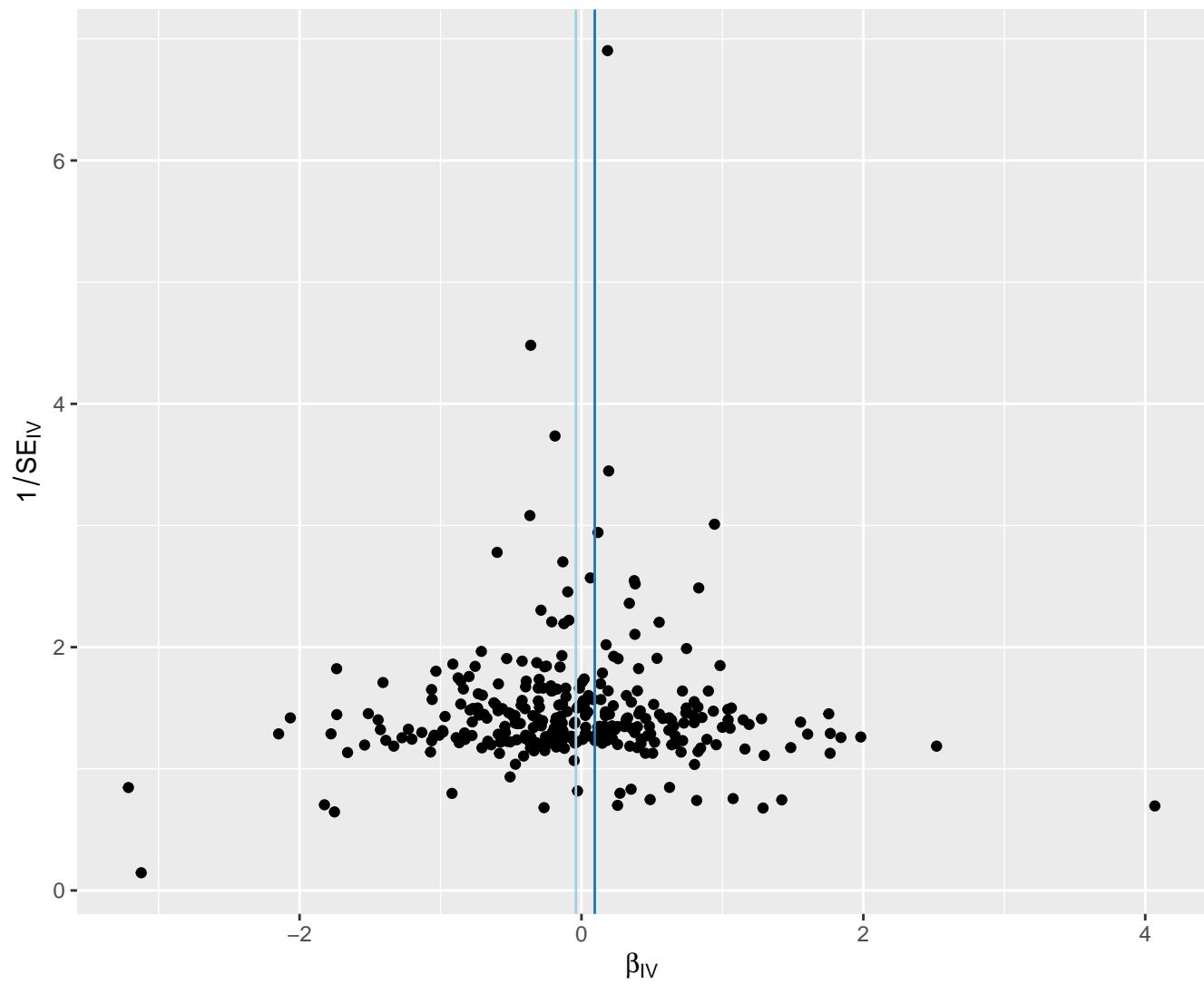


Tryptophan betaine

MR Method

Inverse variance weighted

MR Egger

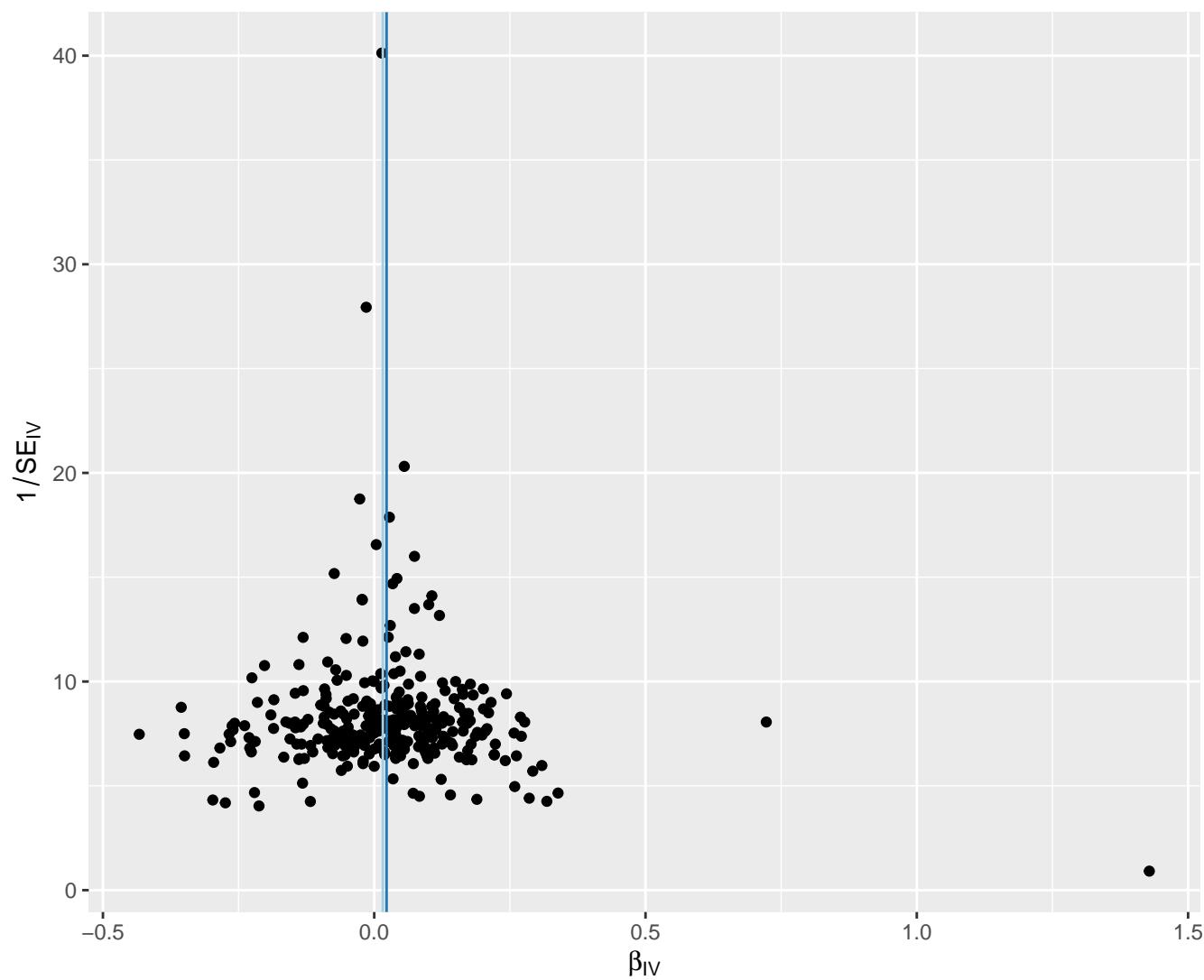


Tyrosine

MR Method

Inverse variance weighted

MR Egger

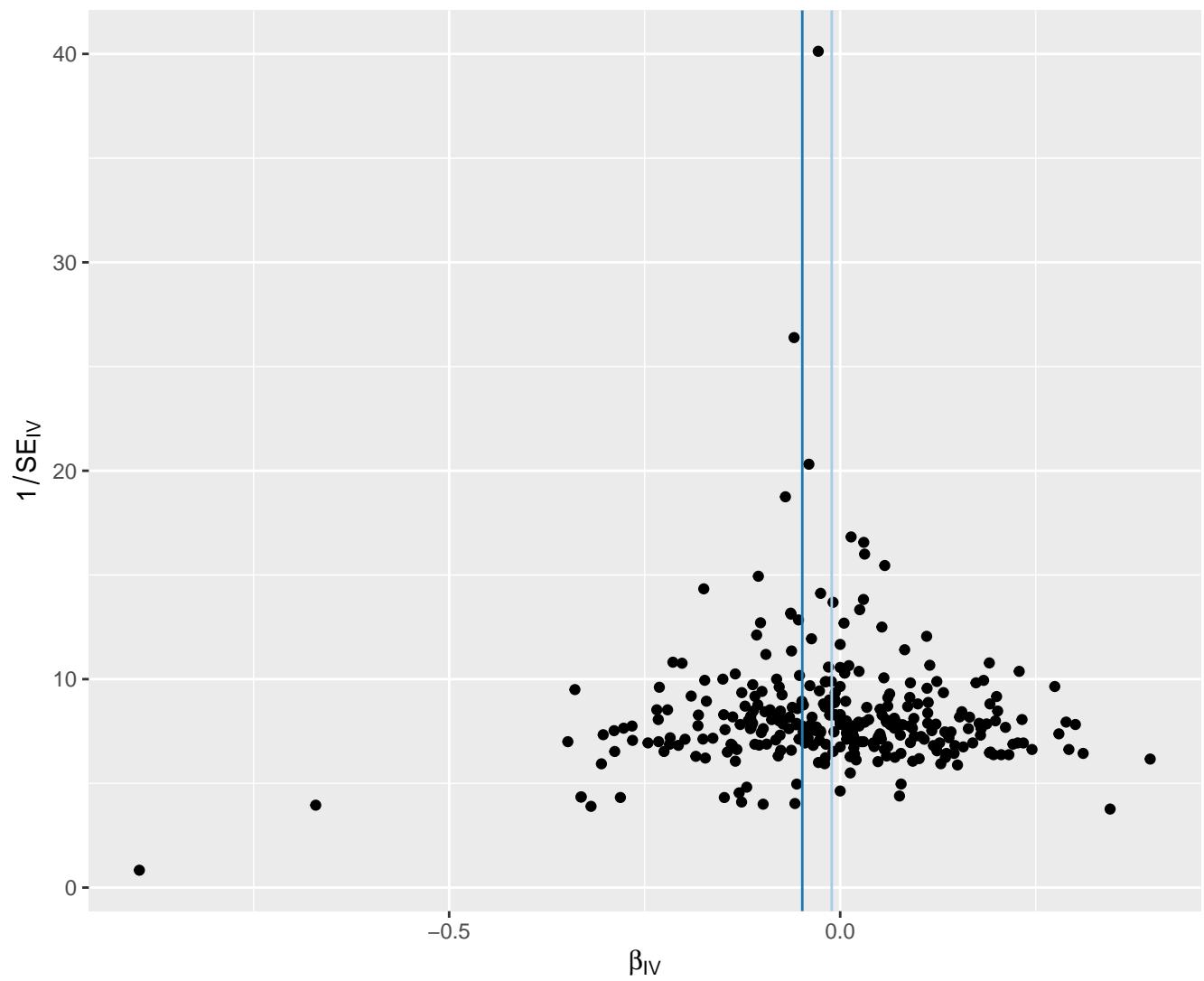


Undecanoate (11:0)

MR Method

Inverse variance weighted

MR Egger

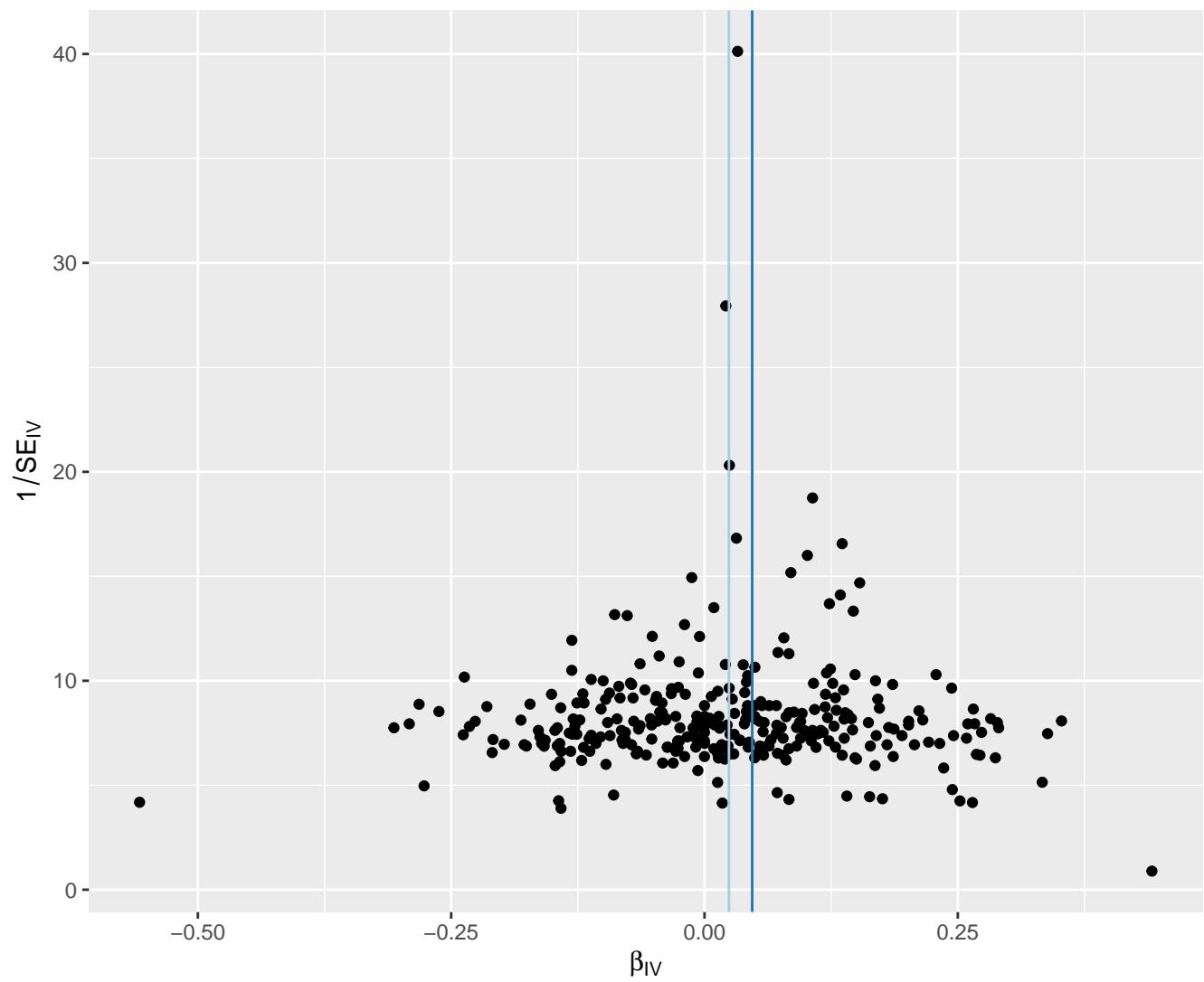


Urate

MR Method

Inverse variance weighted

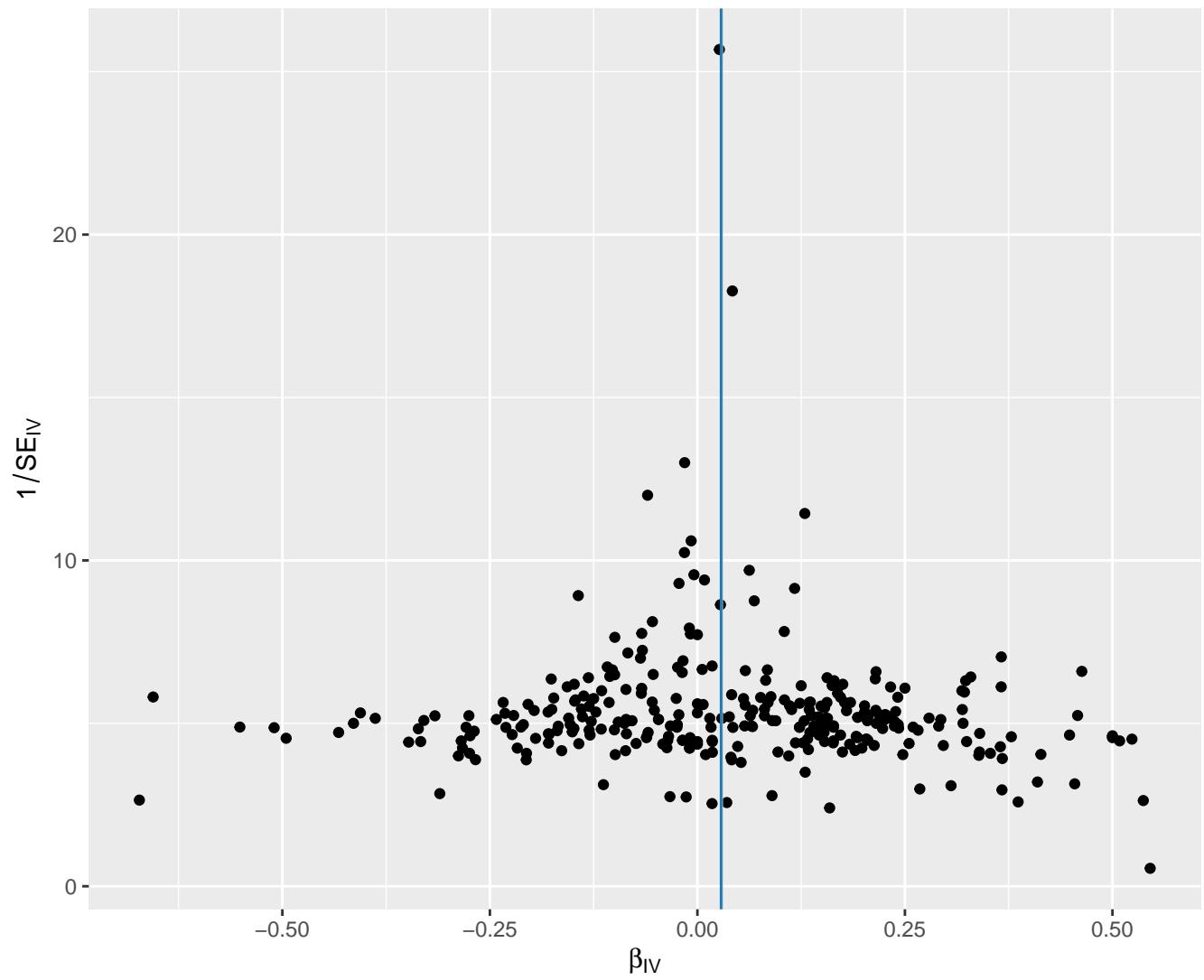
MR Egger



Urea

MR Method

- Inverse variance weighted
- MR Egger

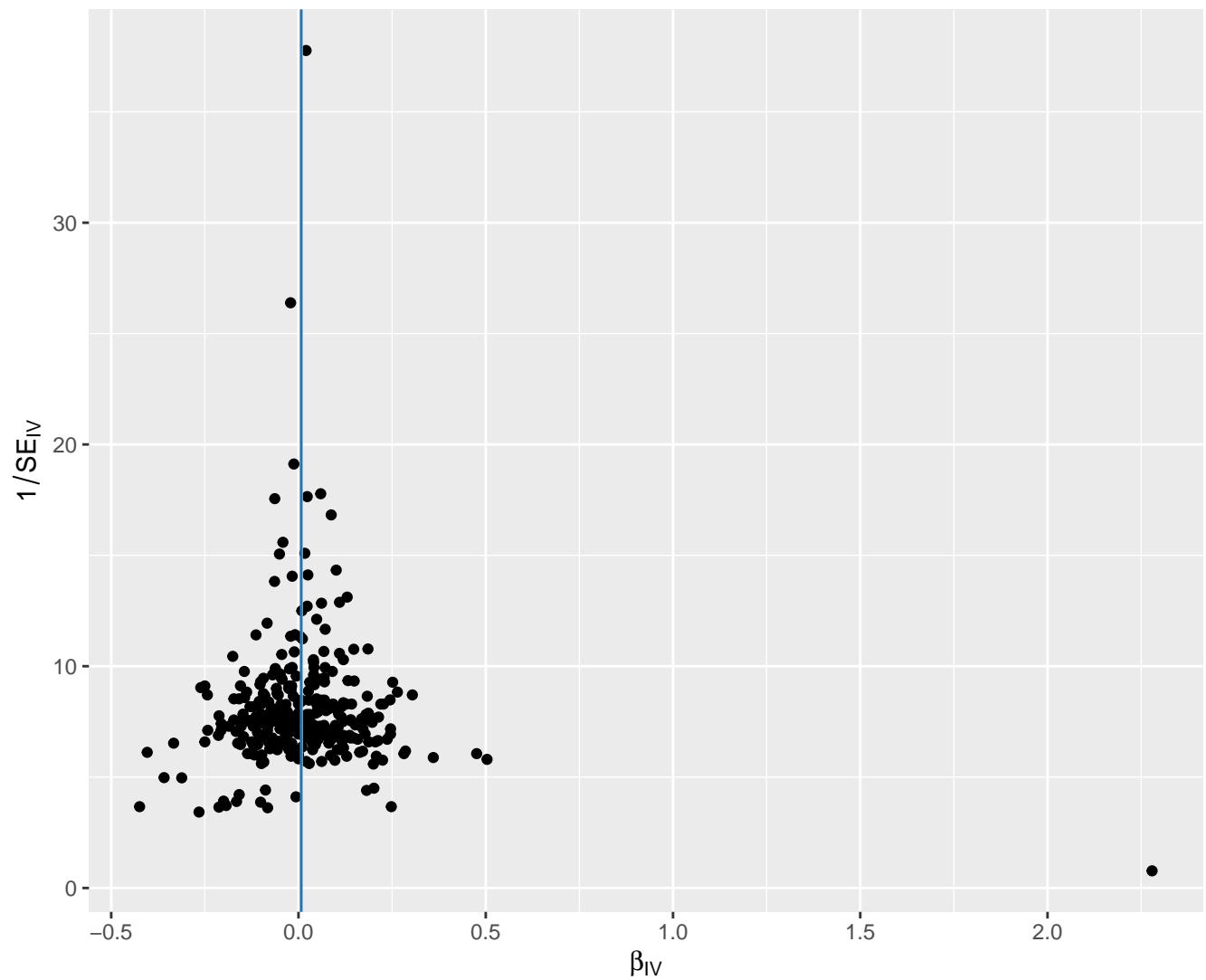


Uridine

MR Method

Inverse variance weighted

MR Egger

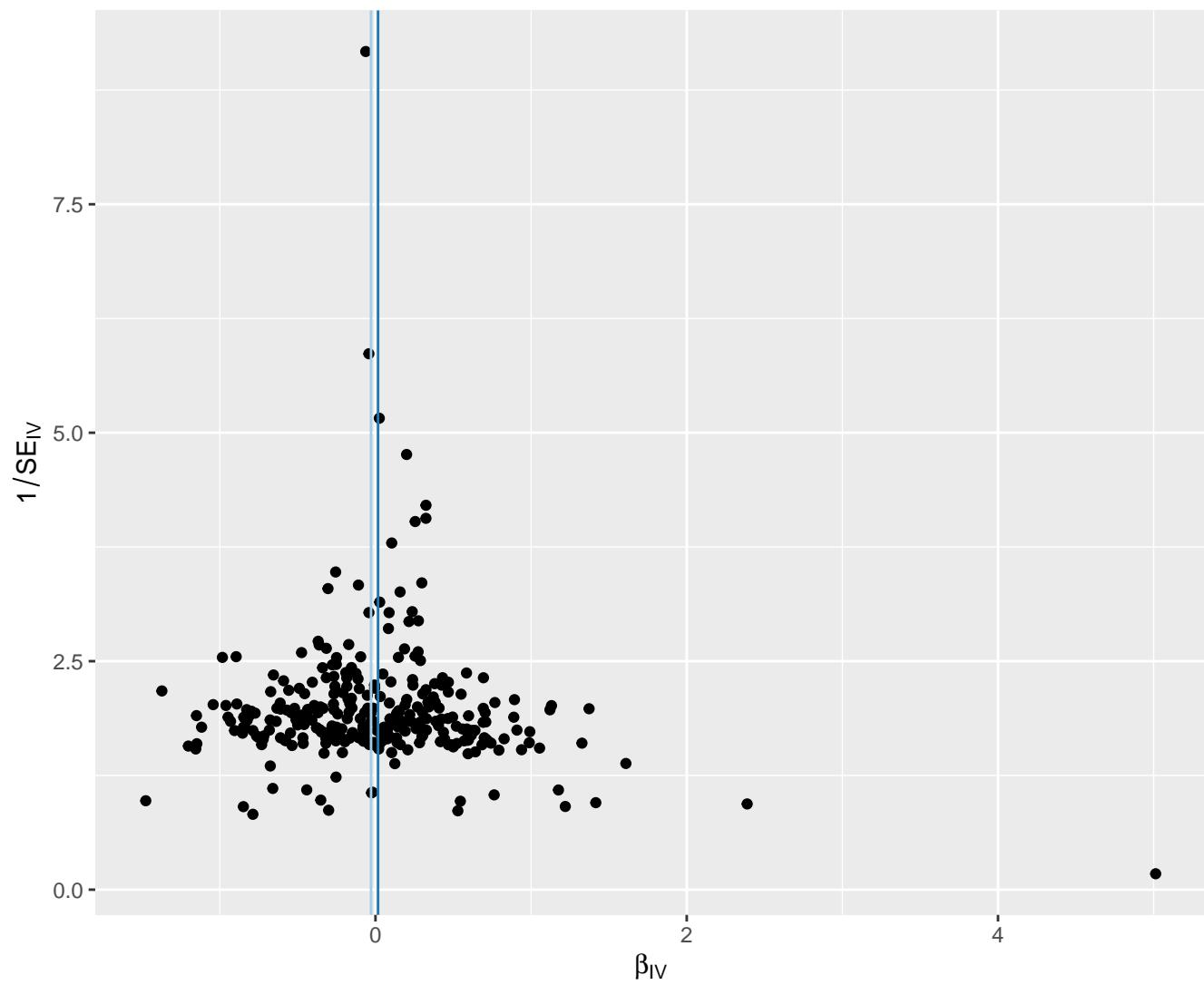


Ursodeoxycholate

MR Method

Inverse variance weighted

MR Egger

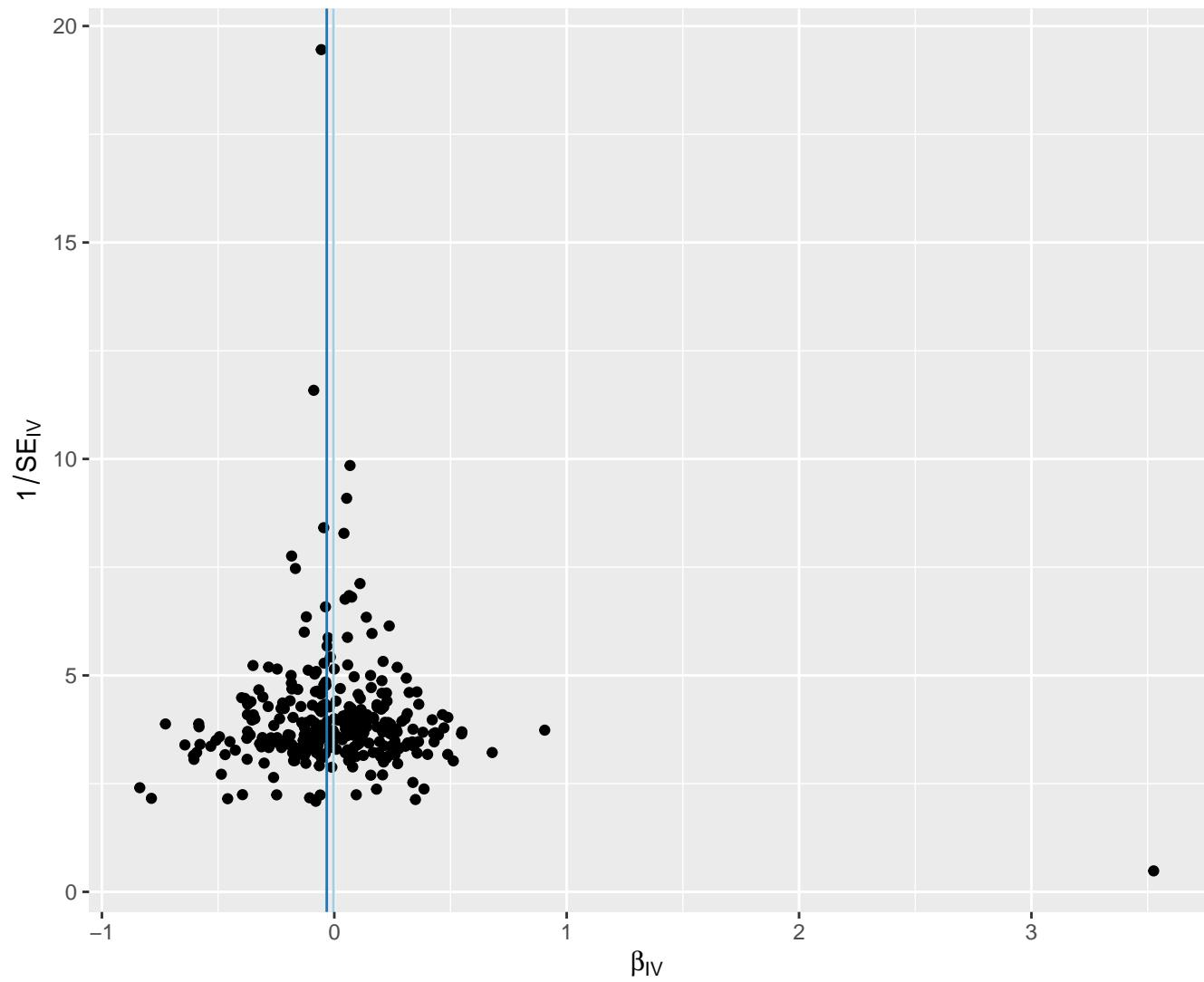


Valerate

MR Method

Inverse variance weighted

MR Egger

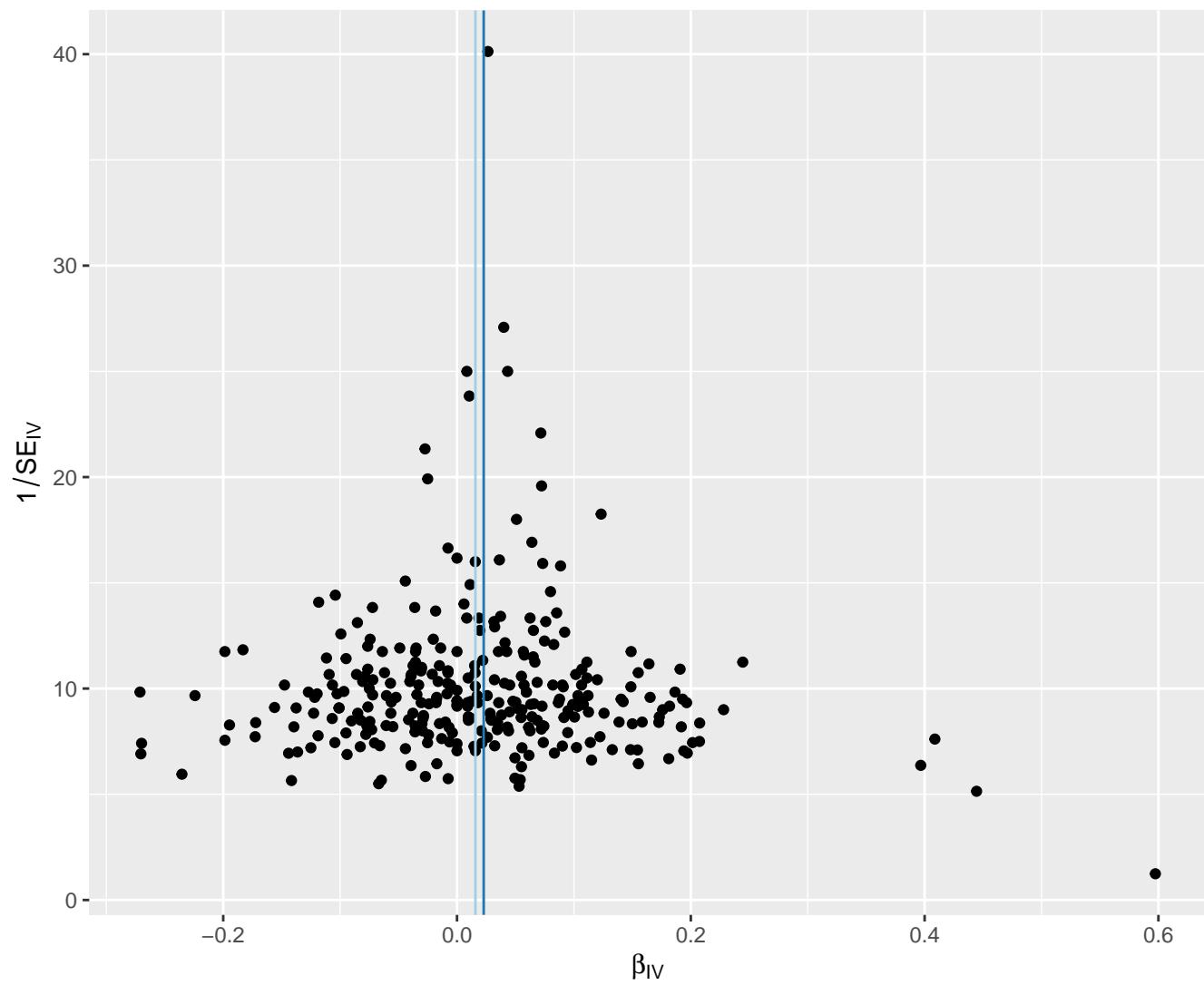


Valine

MR Method

Inverse variance weighted

MR Egger

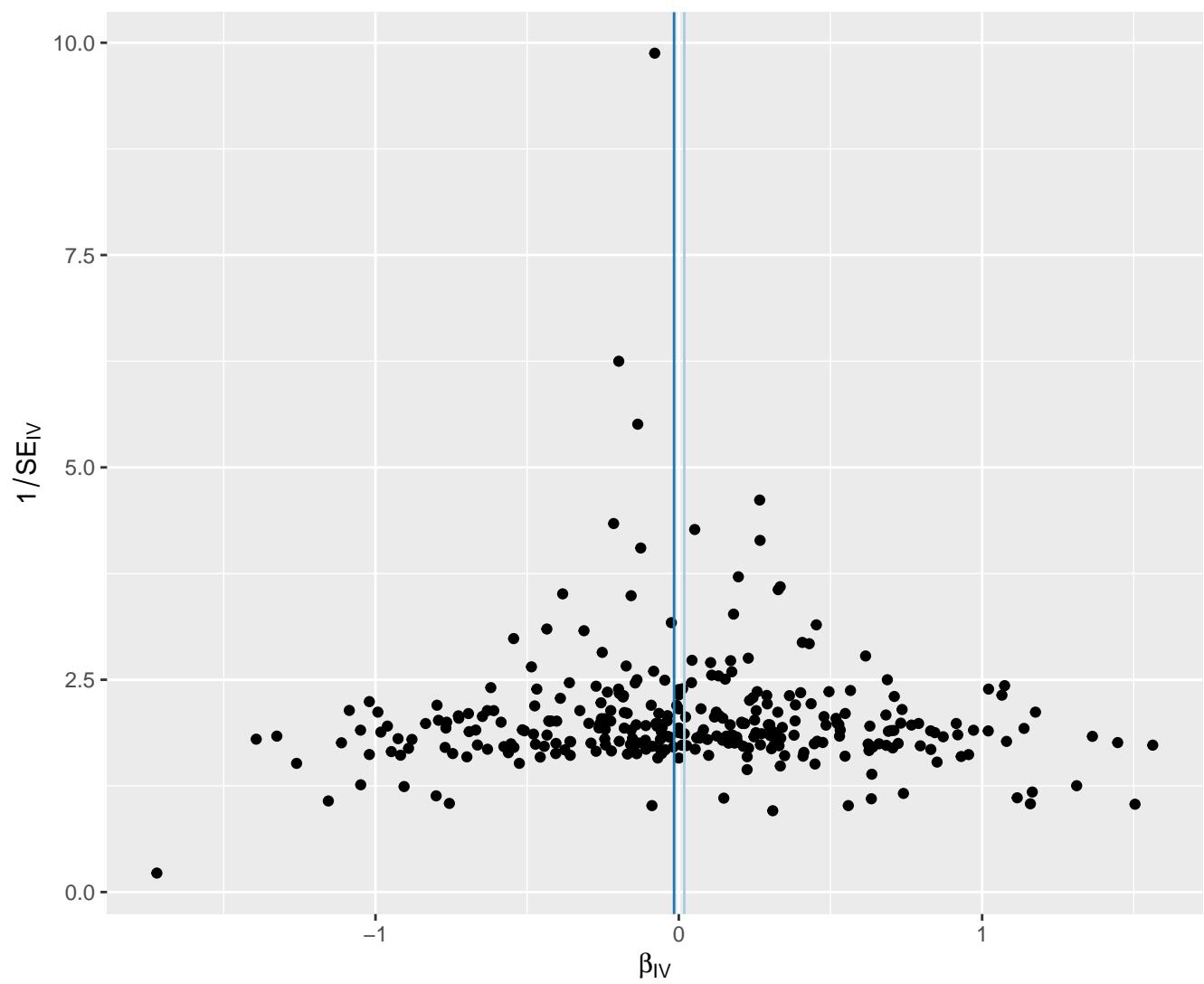


X-01911

MR Method

Inverse variance weighted

MR Egger

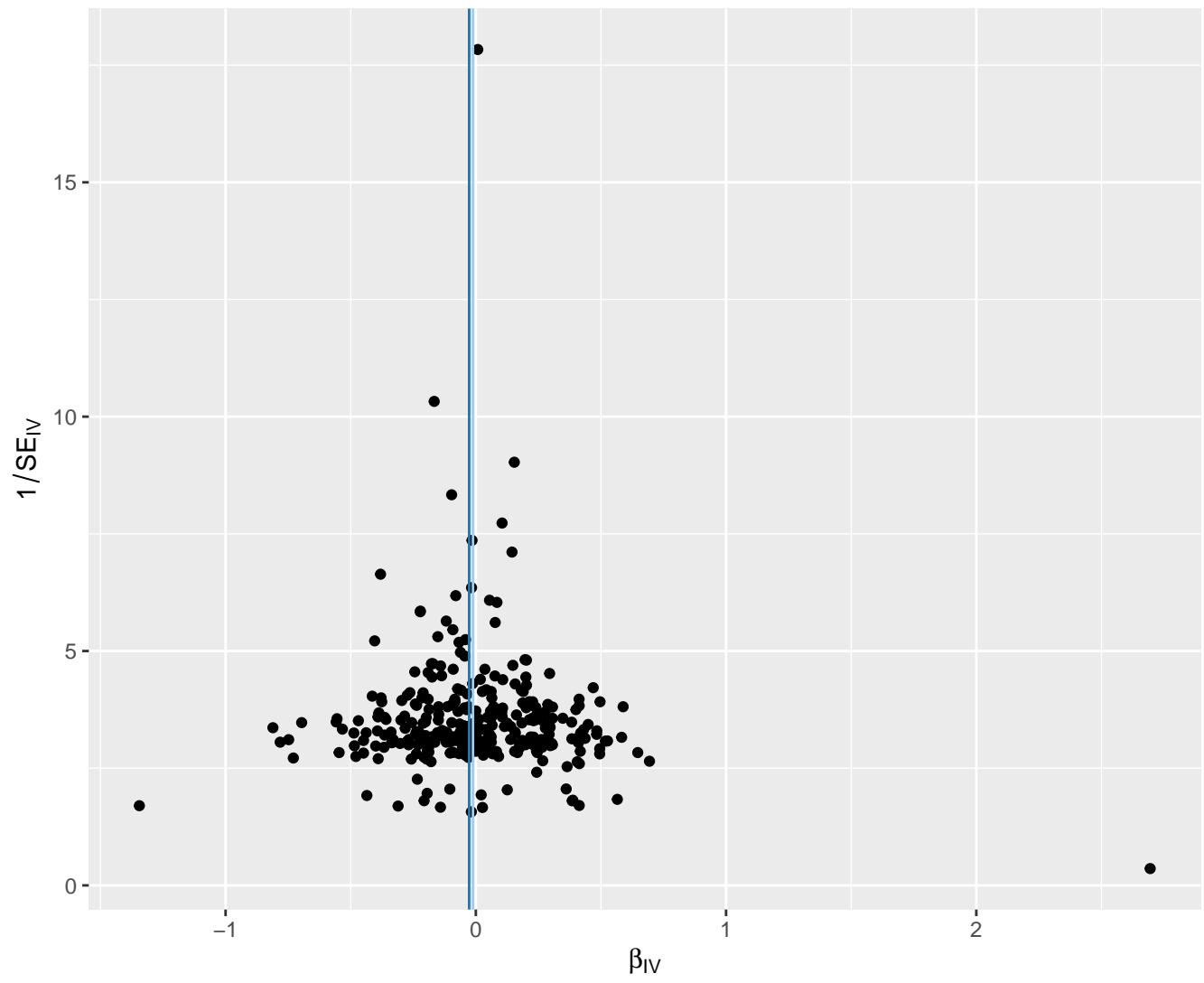


X-02249

MR Method

Inverse variance weighted

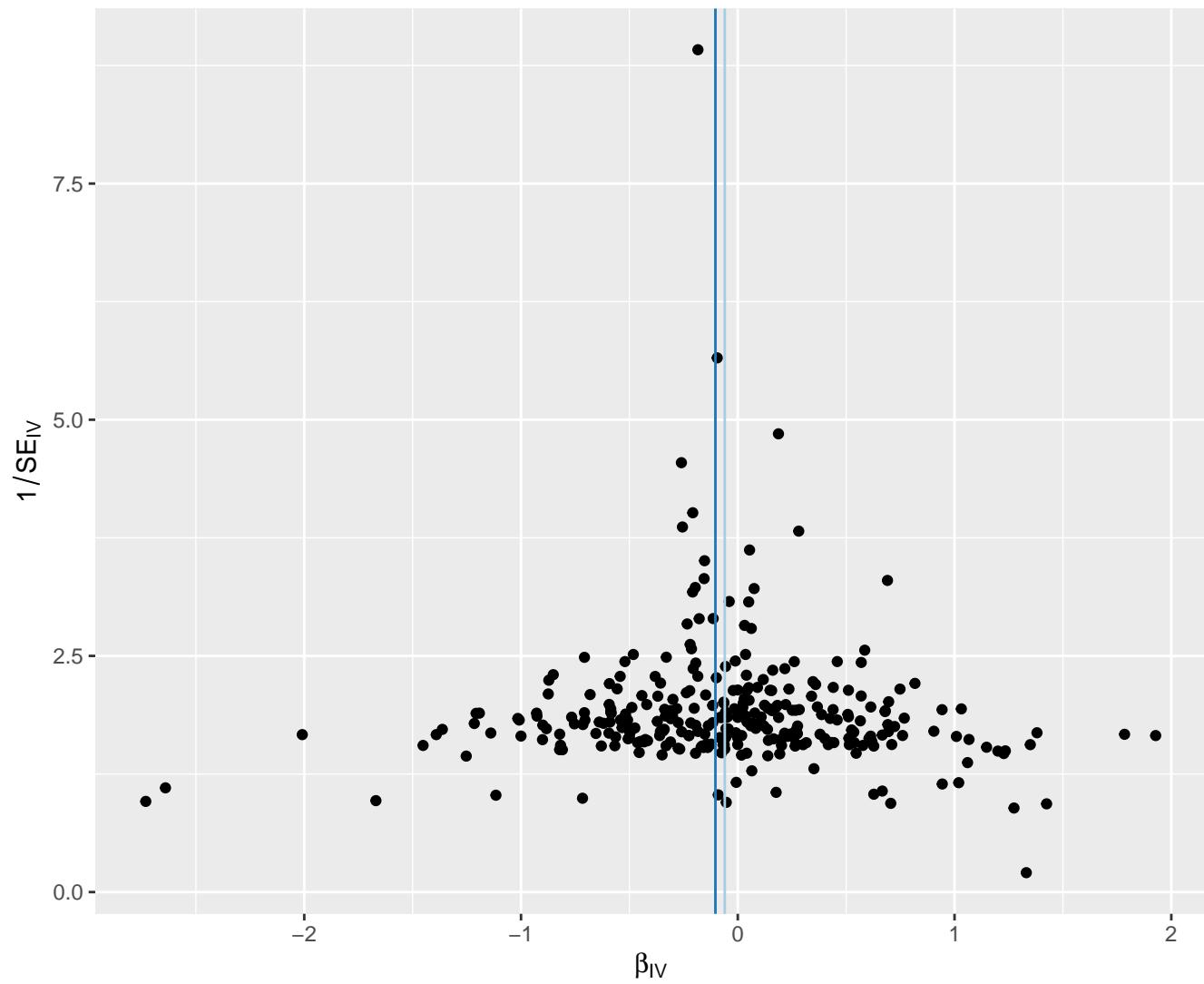
MR Egger



X-02269

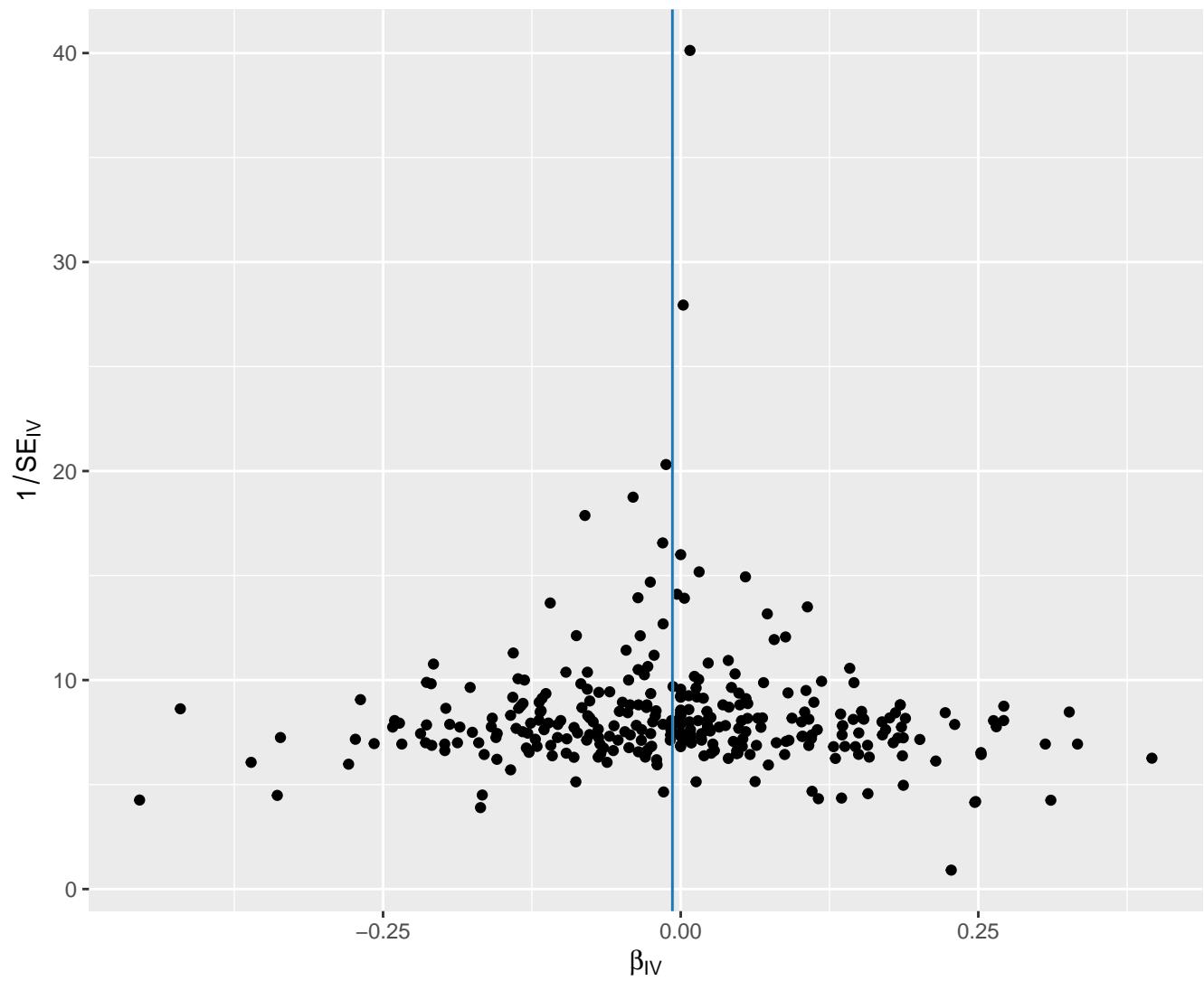
MR Method

- Inverse variance weighted
- MR Egger



MR Method

- Inverse variance weighted
- MR Egger

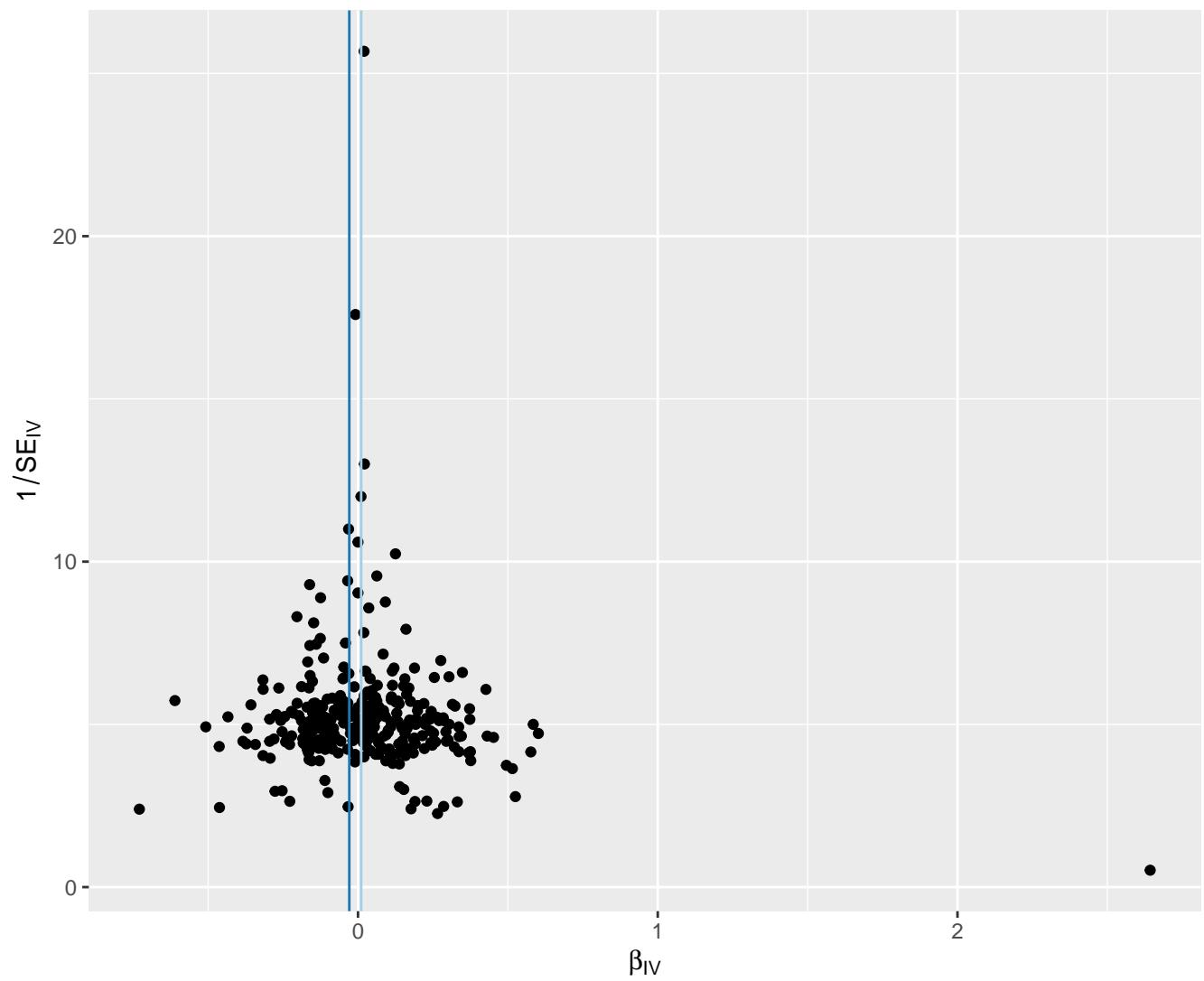


X-03003

MR Method

Inverse variance weighted

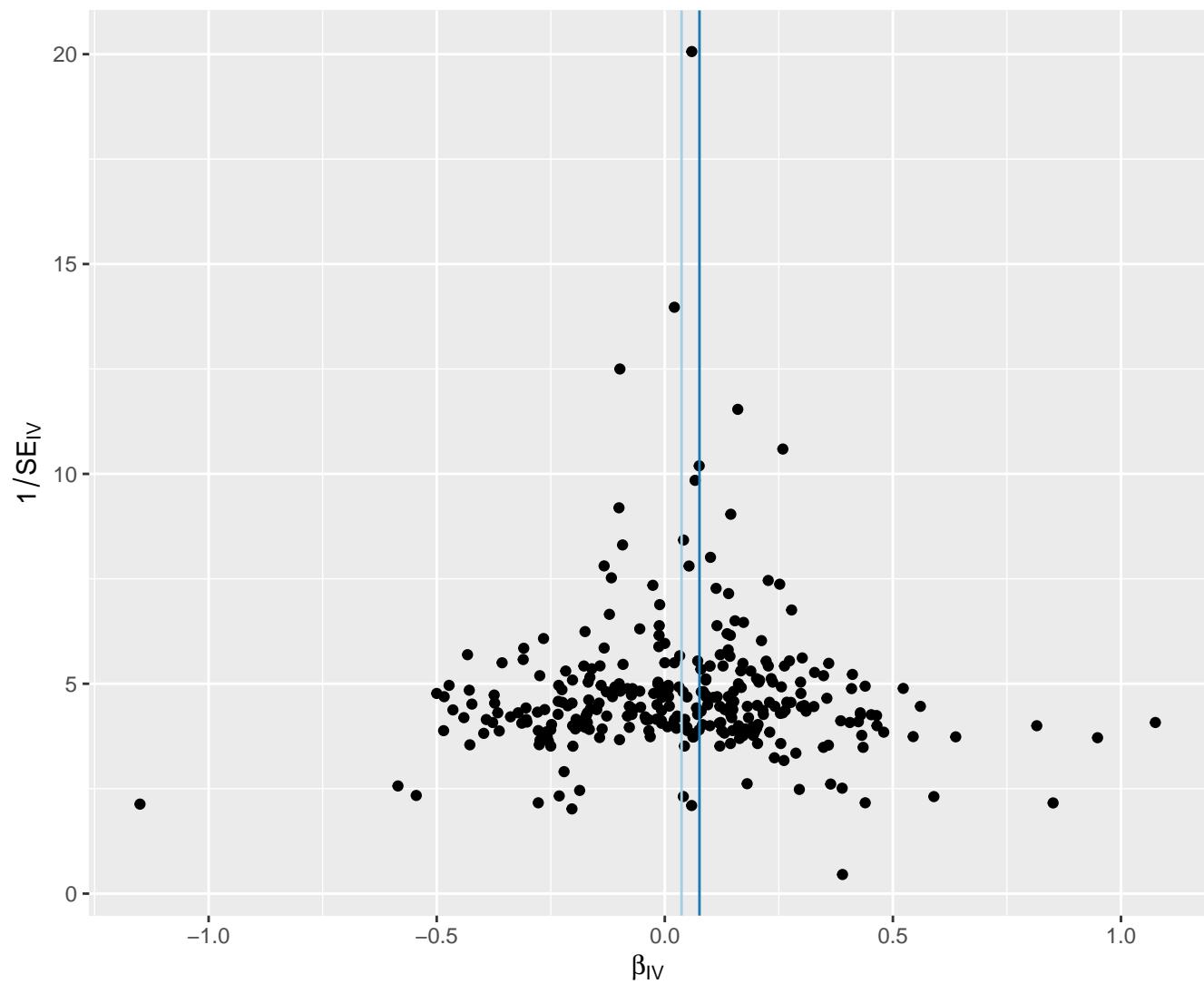
MR Egger



X-03056--N-[3-(2-Oxopyrrolidin-1-yl)propyl]acetamide

MR Method

- Inverse variance weighted
- MR Egger

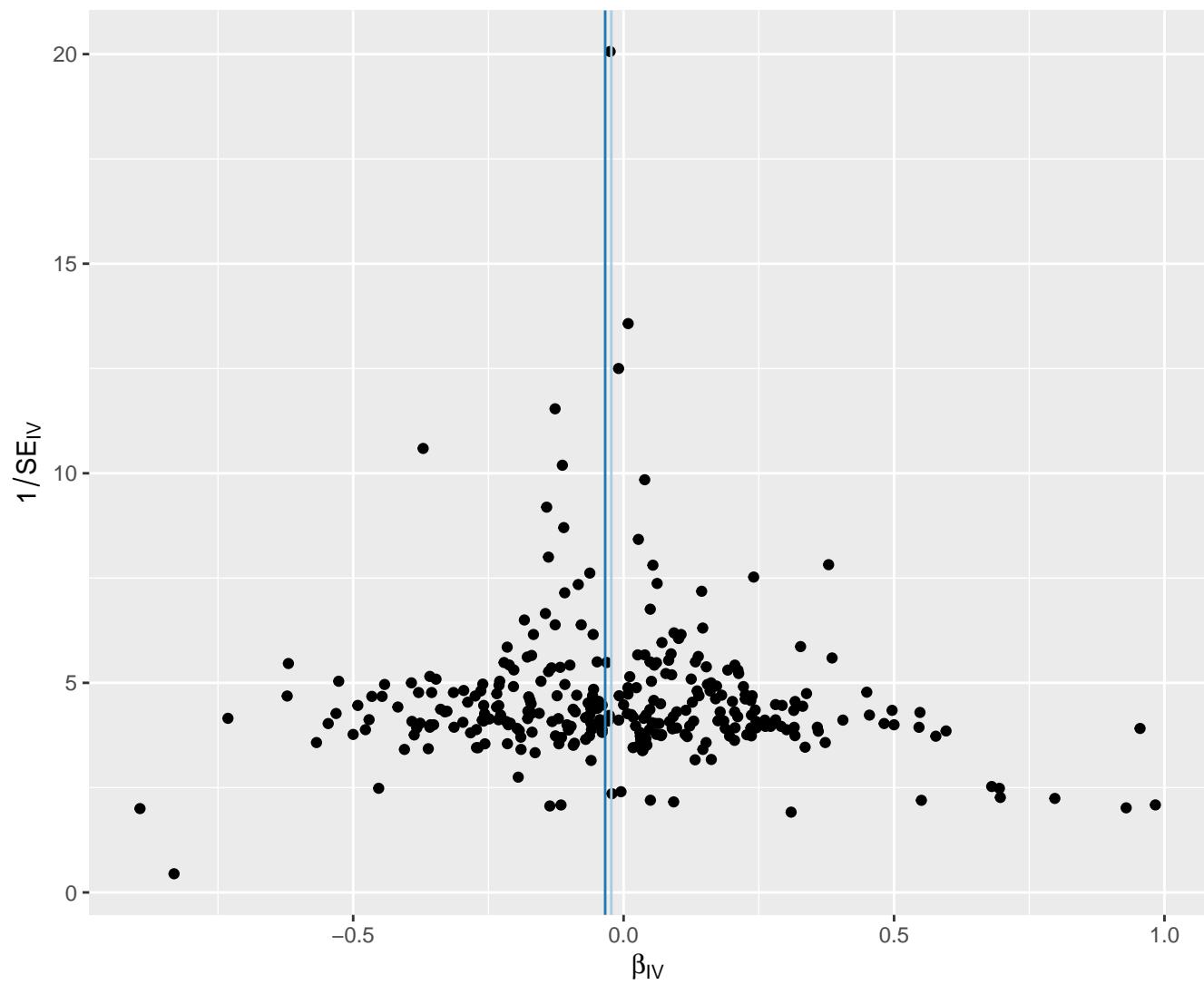


X-03088

MR Method

Inverse variance weighted

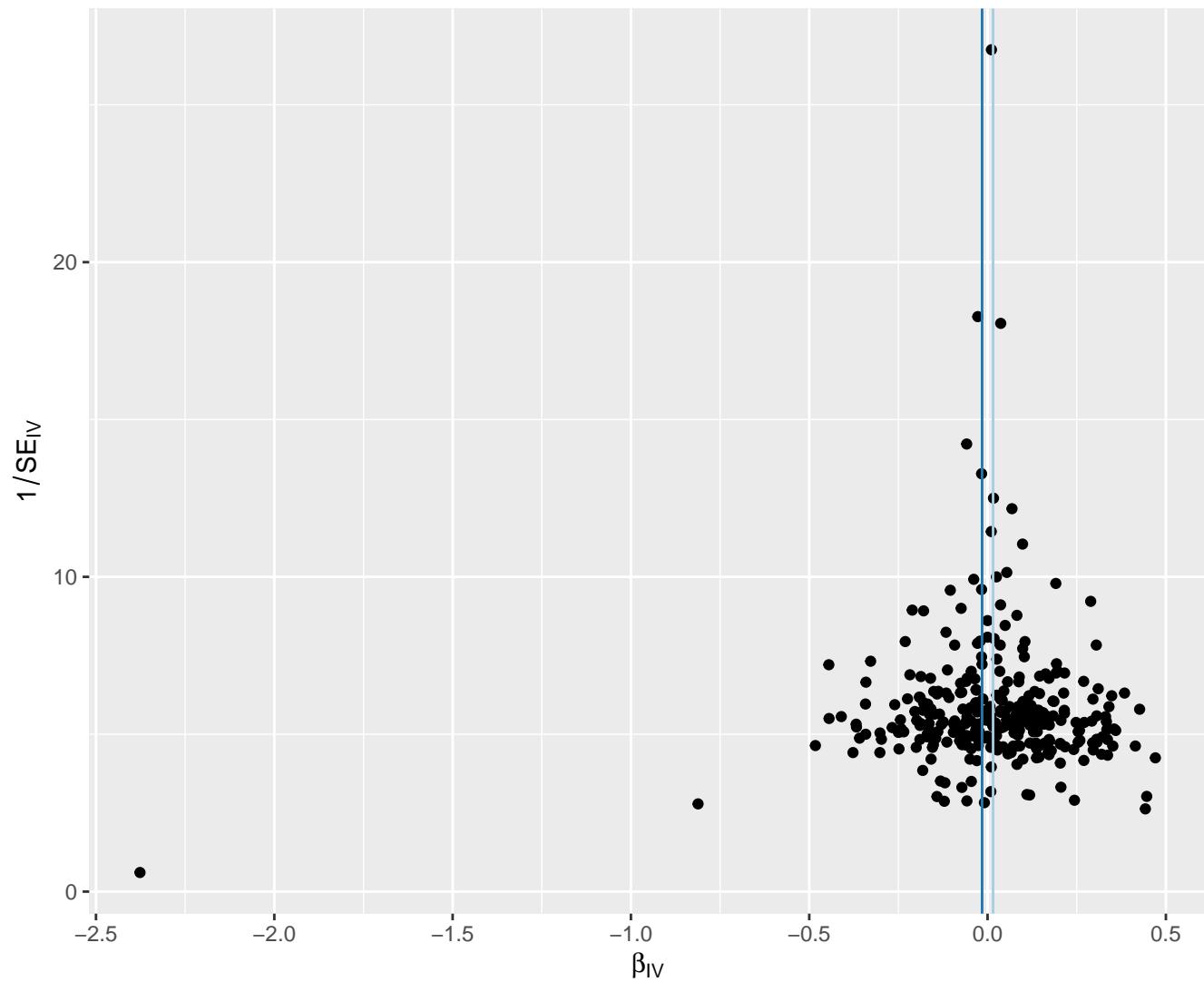
MR Egger



X-03094

MR Method

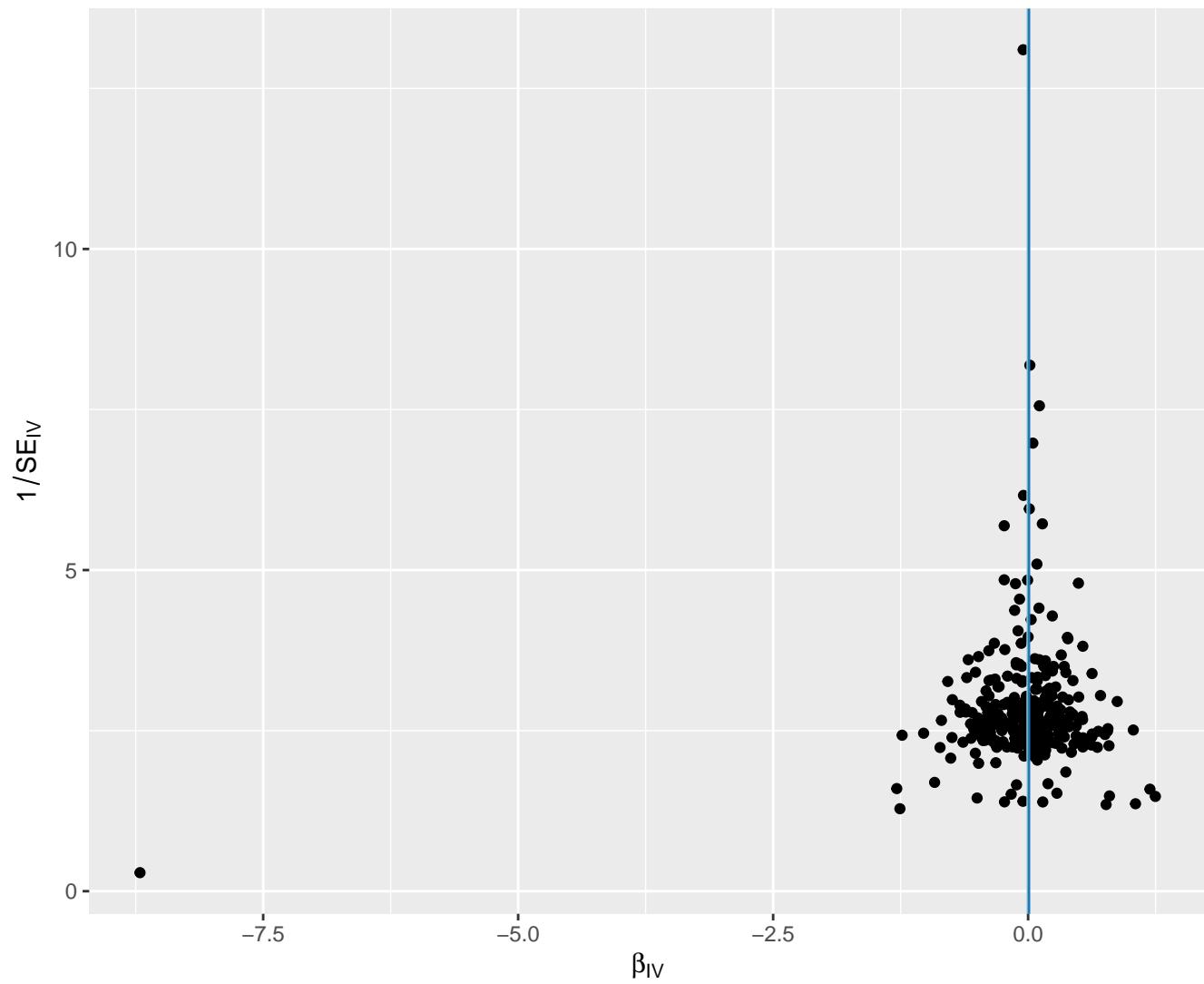
- Inverse variance weighted
- MR Egger



X-04357

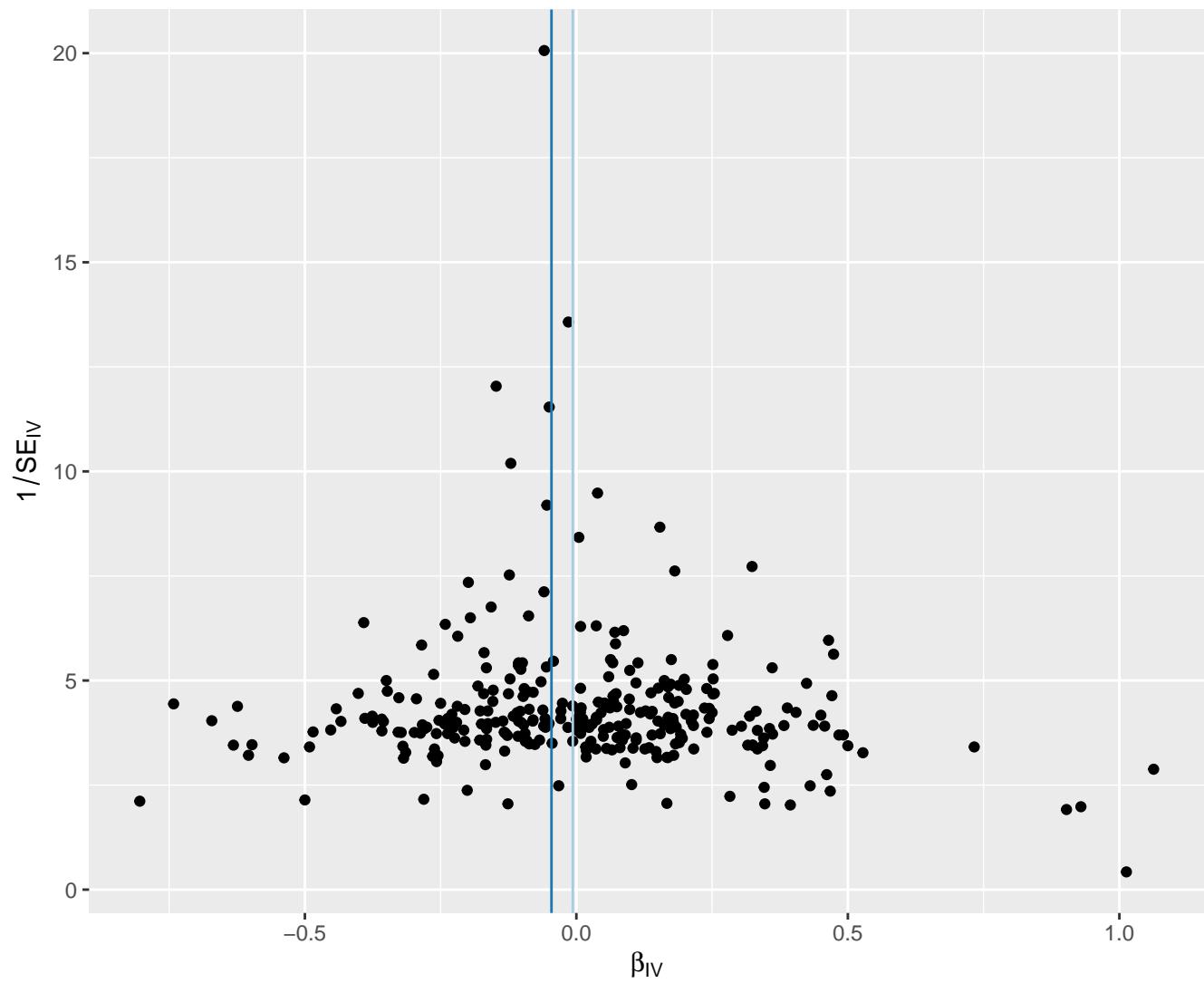
MR Method

Inverse variance weighted
MR Egger



MR Method

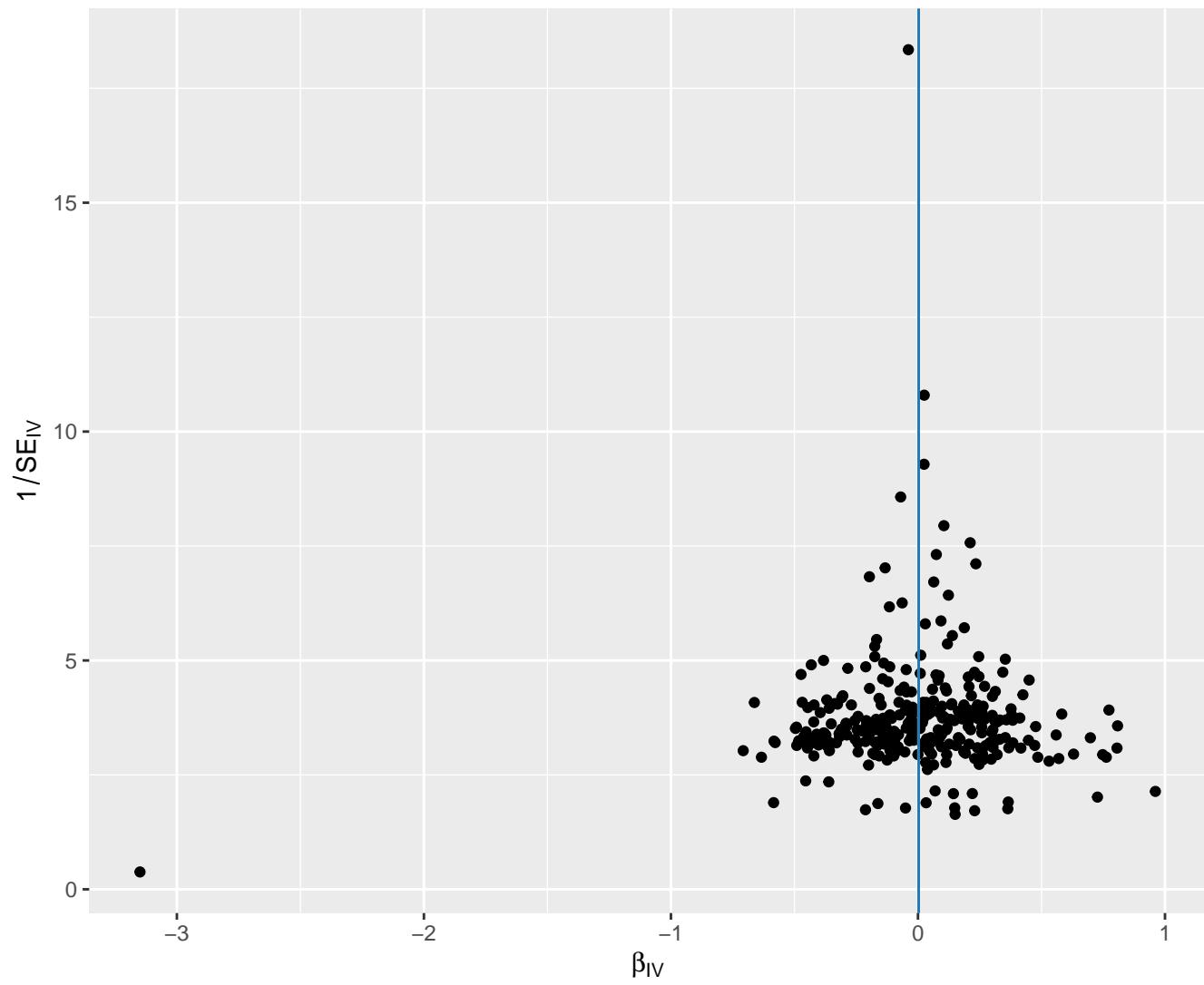
 Inverse variance weighted
MR Egger



X-04495

MR Method

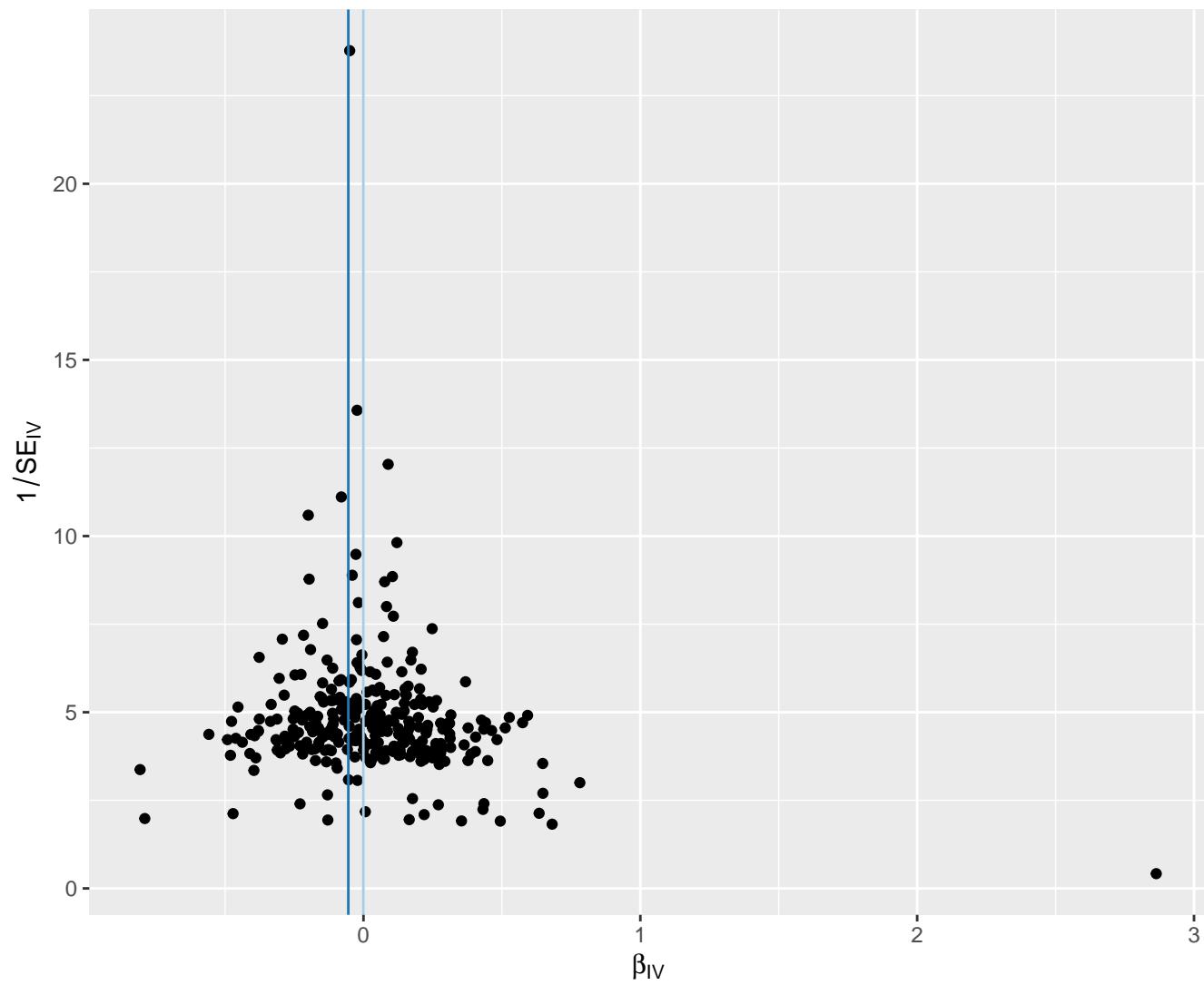
Inverse variance weighted
MR Egger



MR Method

 Inverse variance weighted

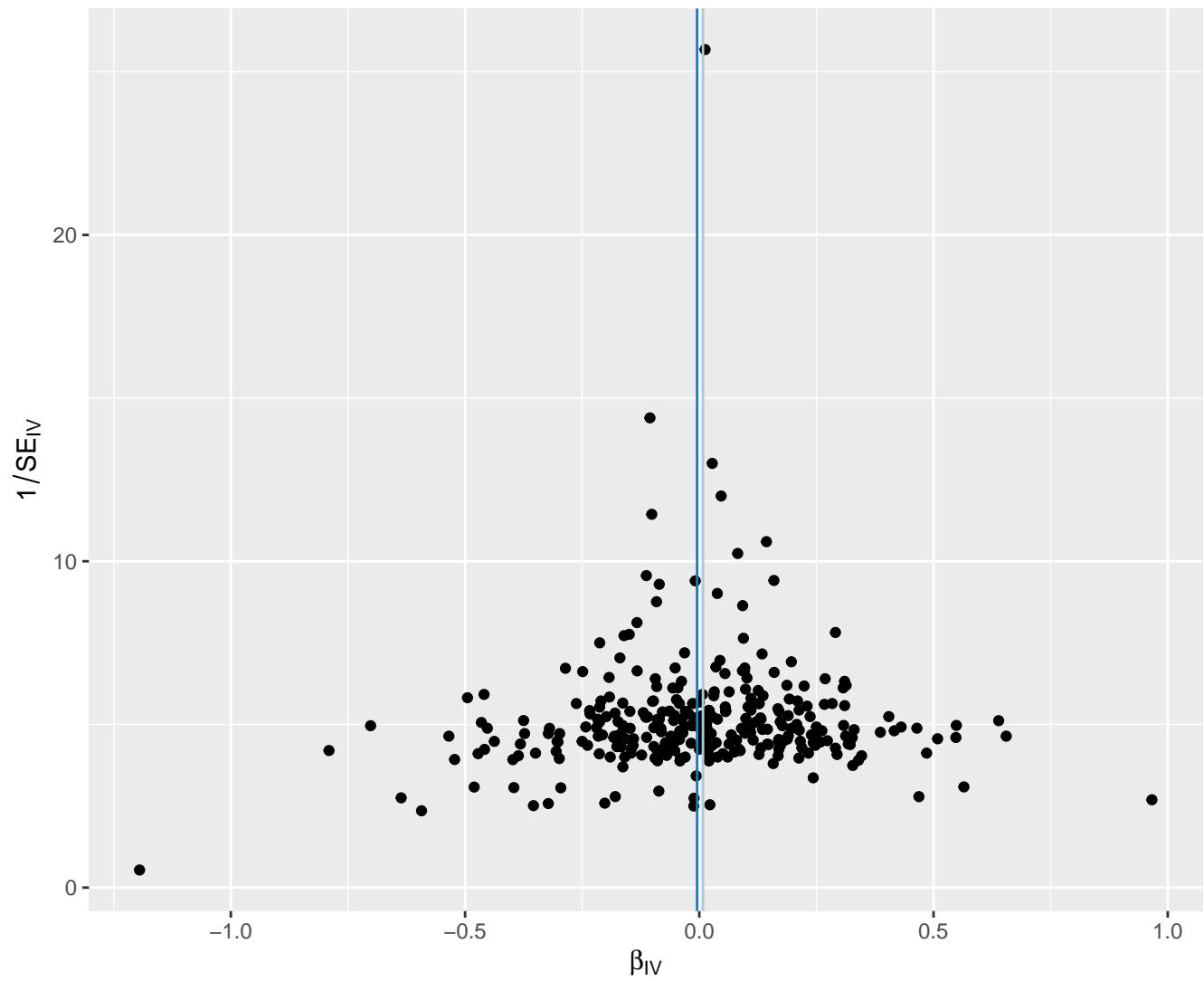
MR Egger



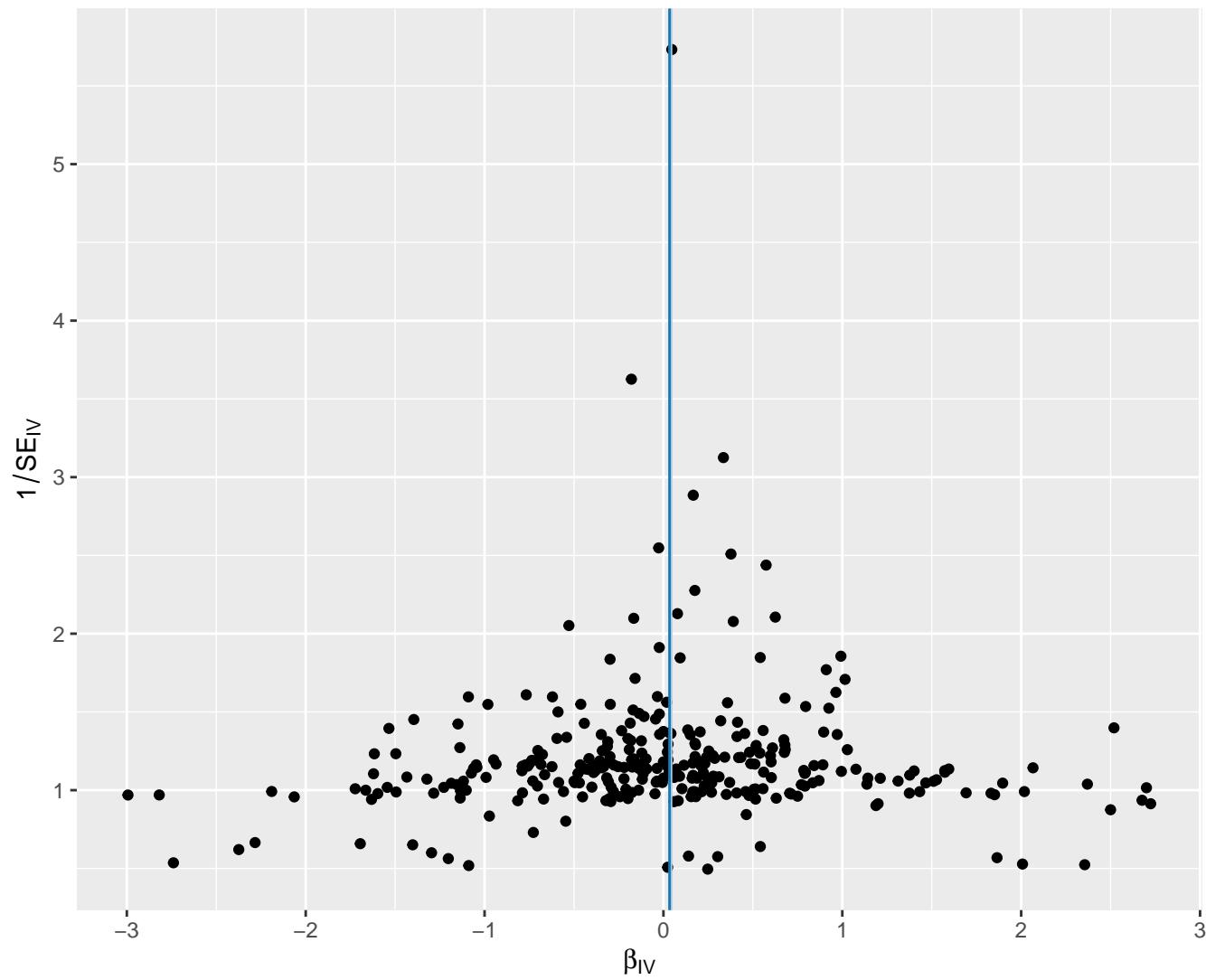
X-04499--3,4-dihydroxybutyrate

MR Method

- Inverse variance weighted
- MR Egger



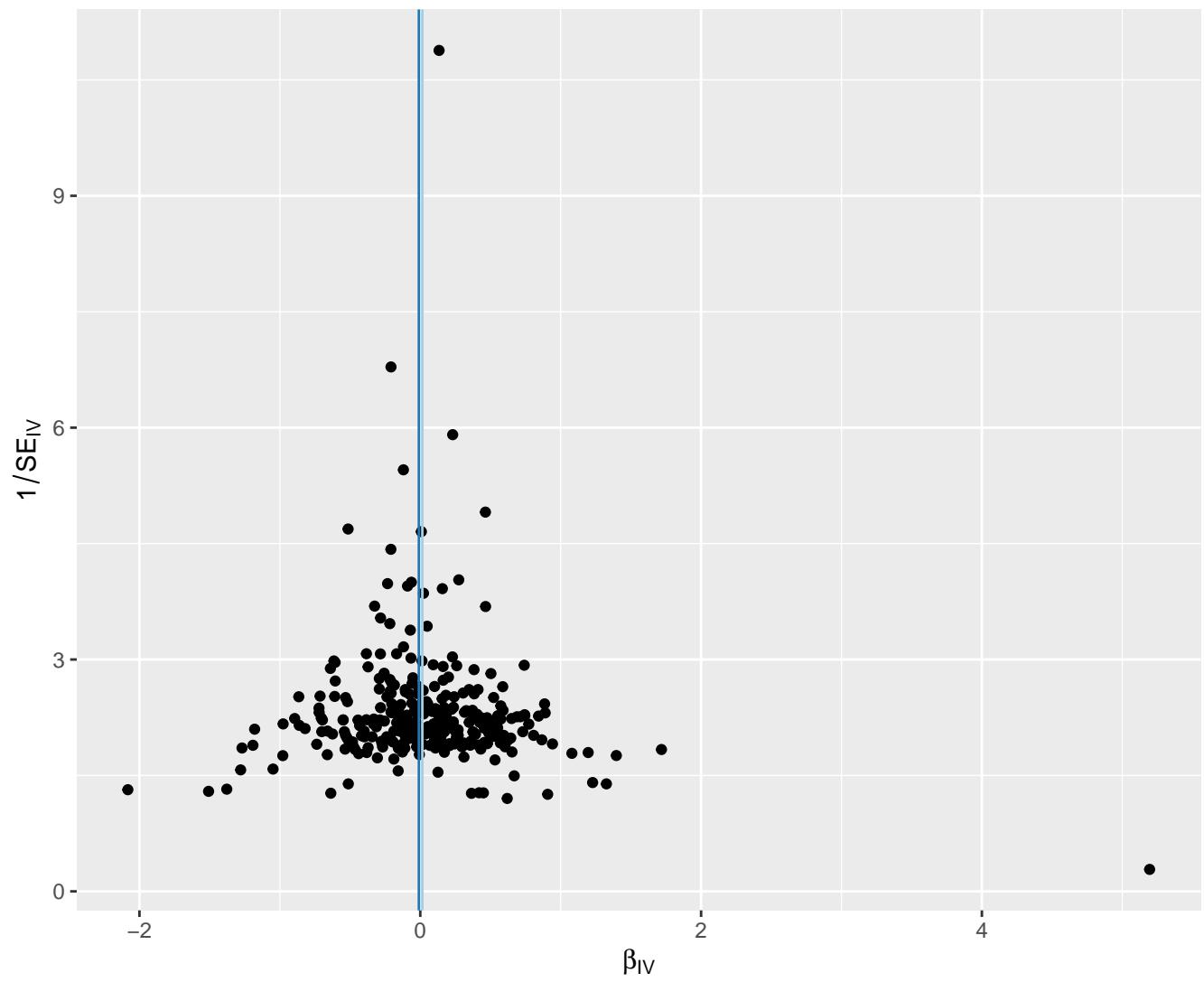
MR Method

 Inverse variance weighted MR Egger

MR Method

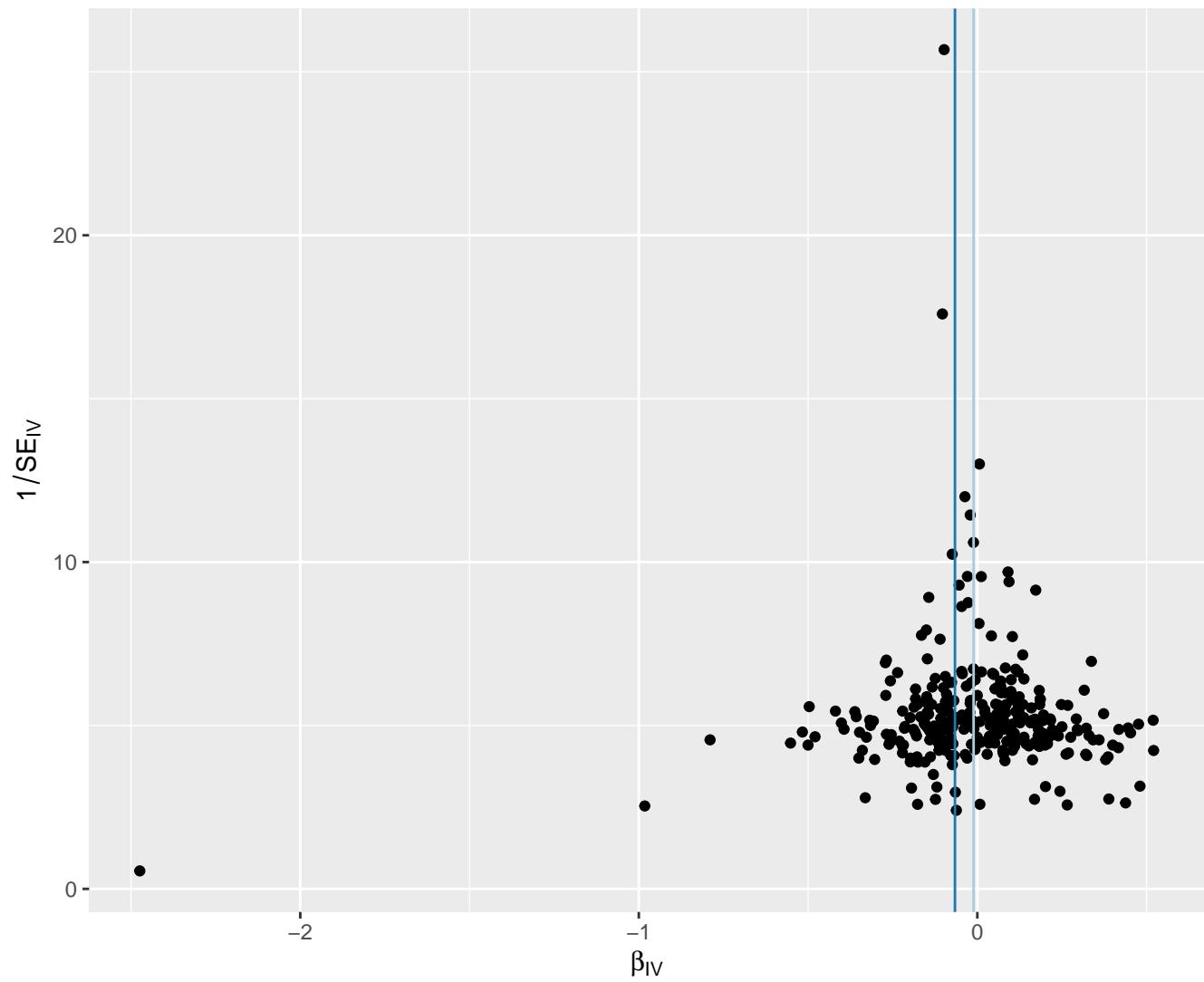
Inverse variance weighted

MR Egger



MR Method

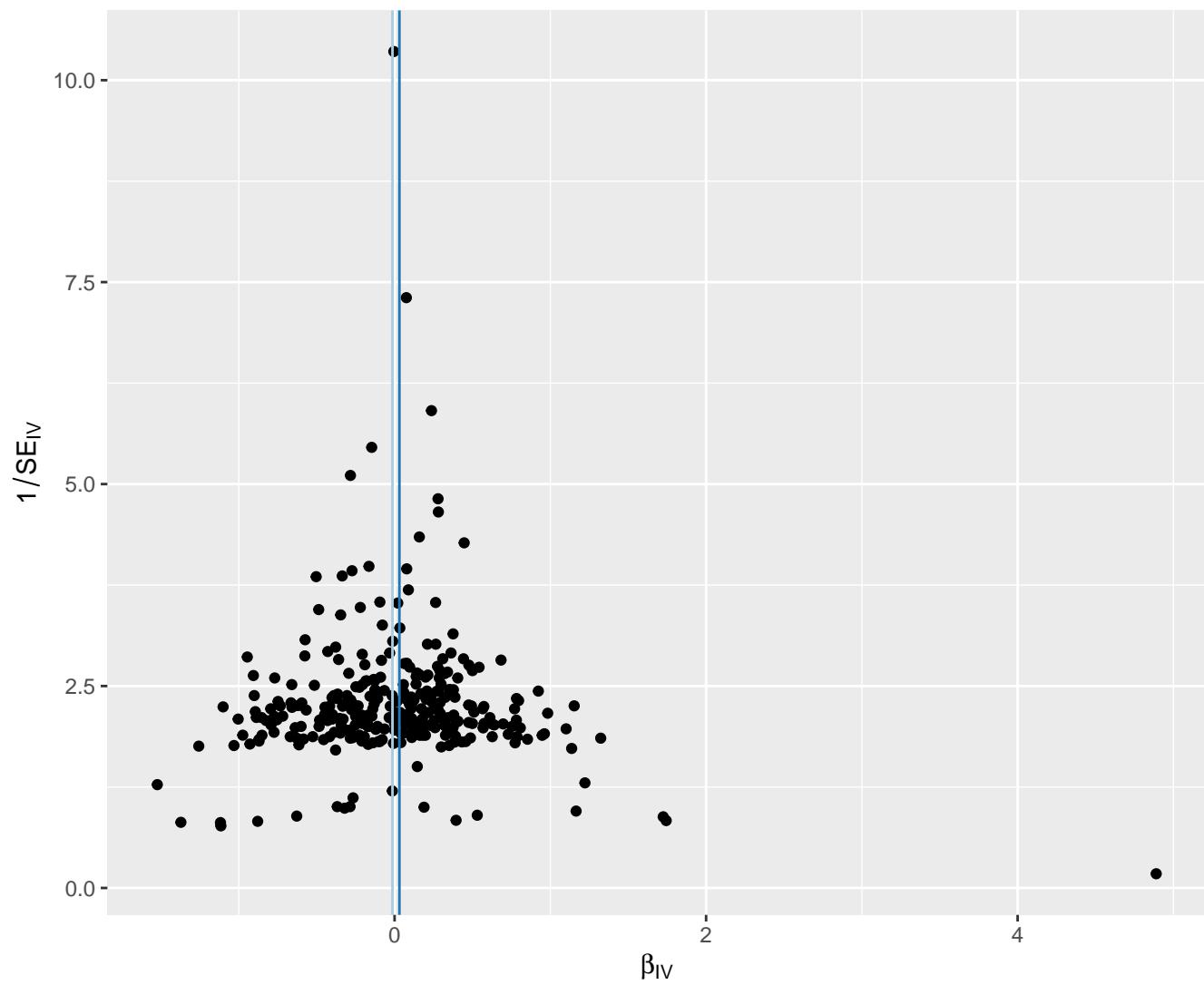
- Inverse variance weighted
- MR Egger



MR Method

 Inverse variance weighted

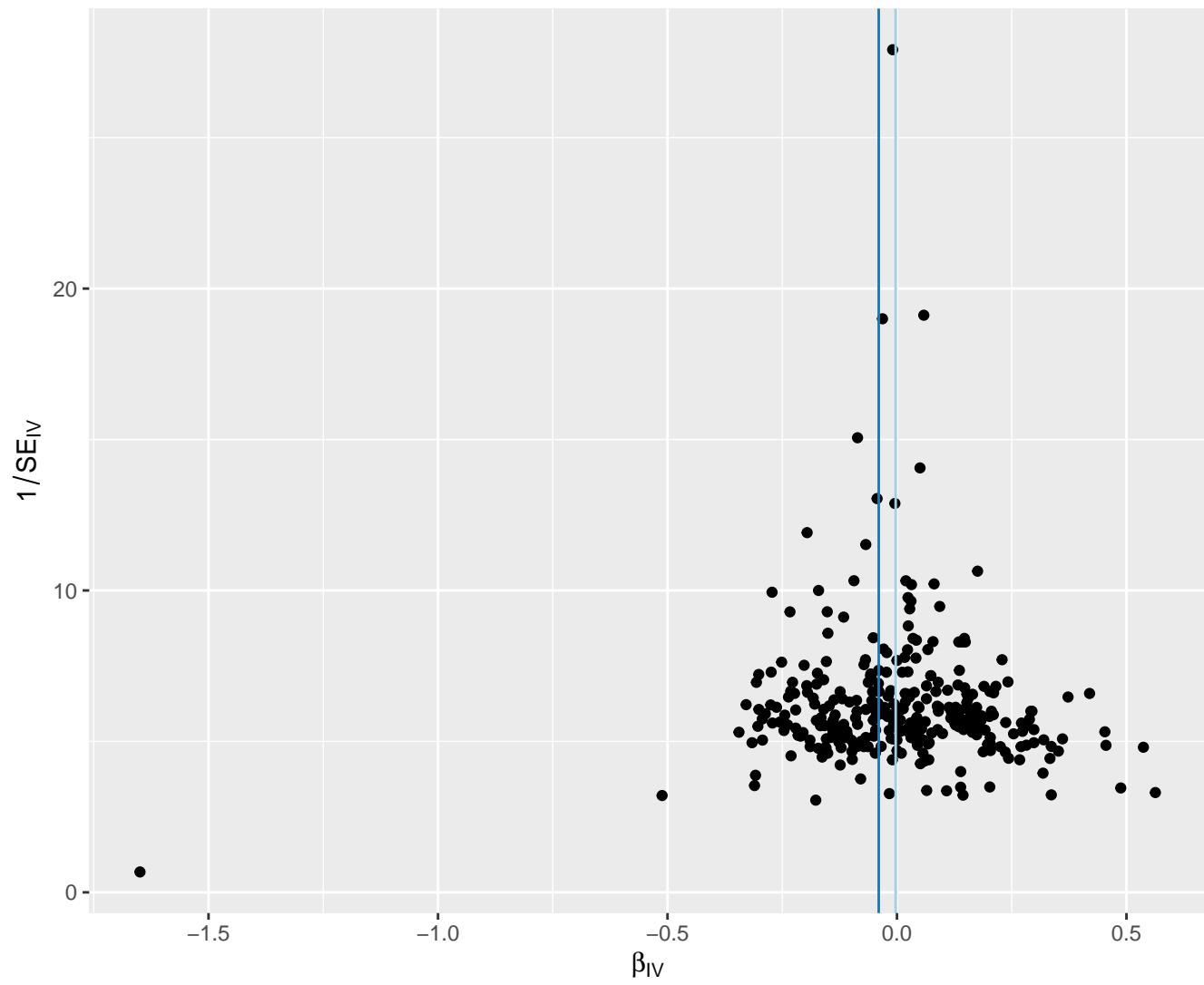
MR Egger



X-06226

MR Method

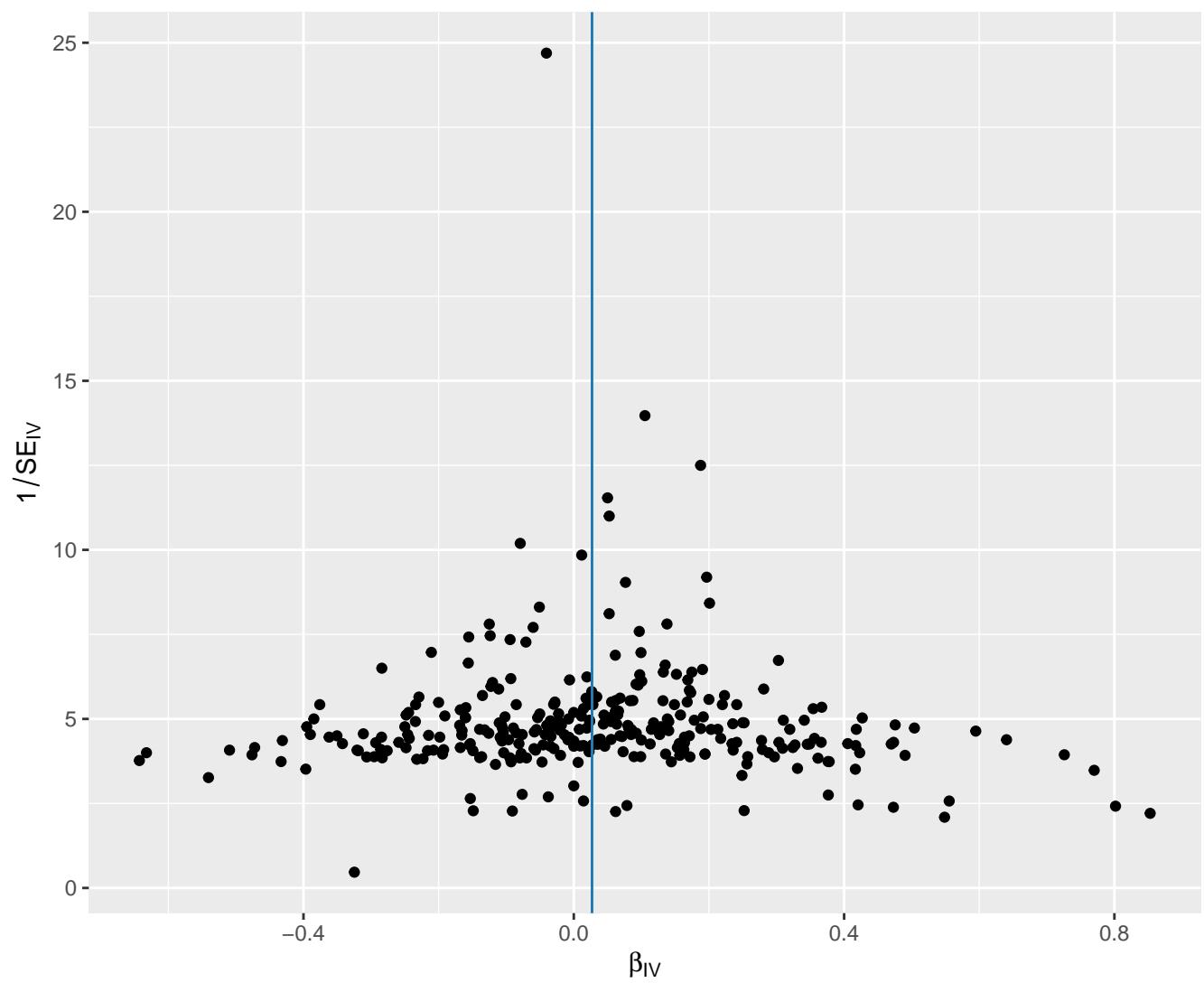
Inverse variance weighted
MR Egger



MR Method

Inverse variance weighted

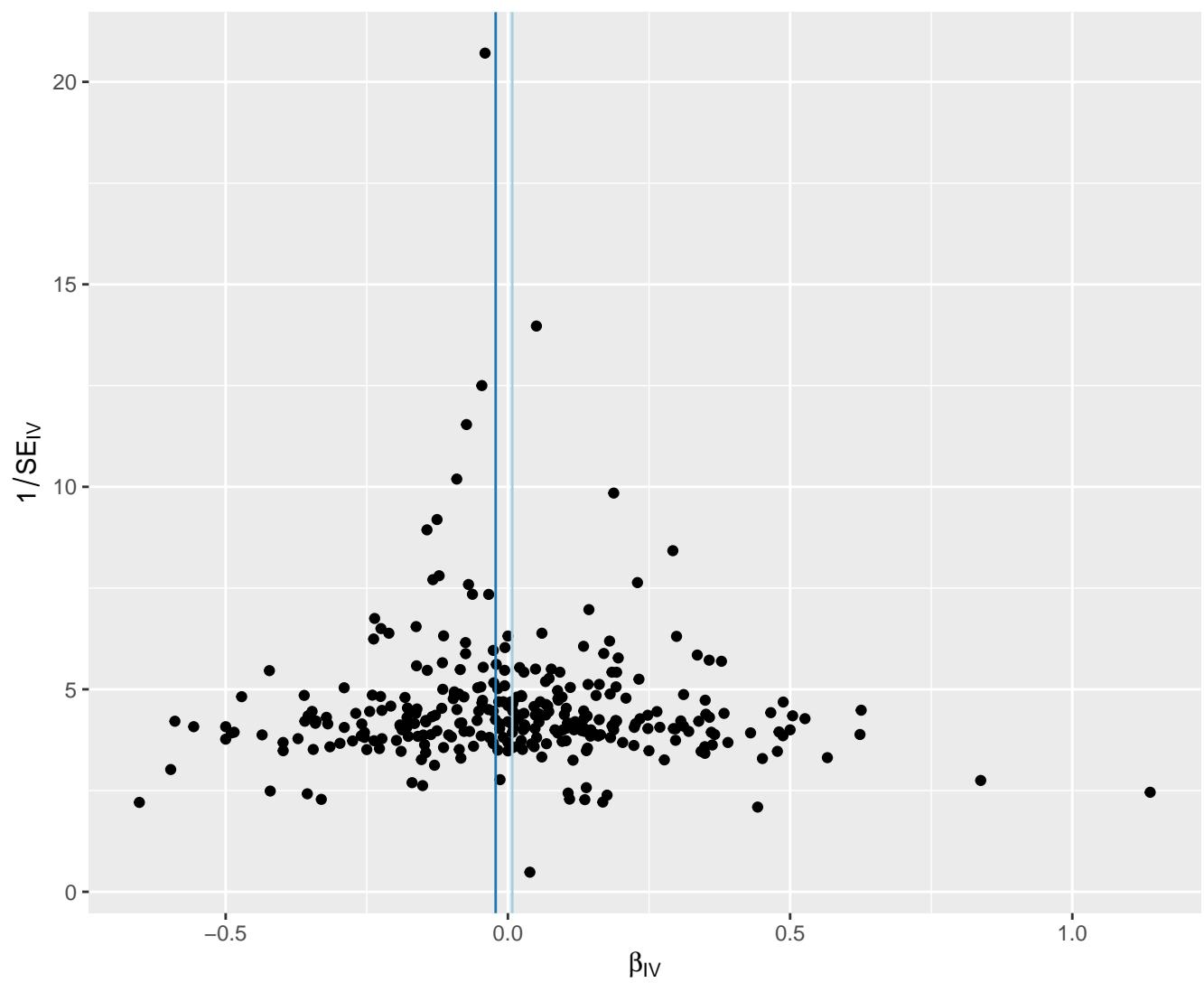
MR Egger



MR Method

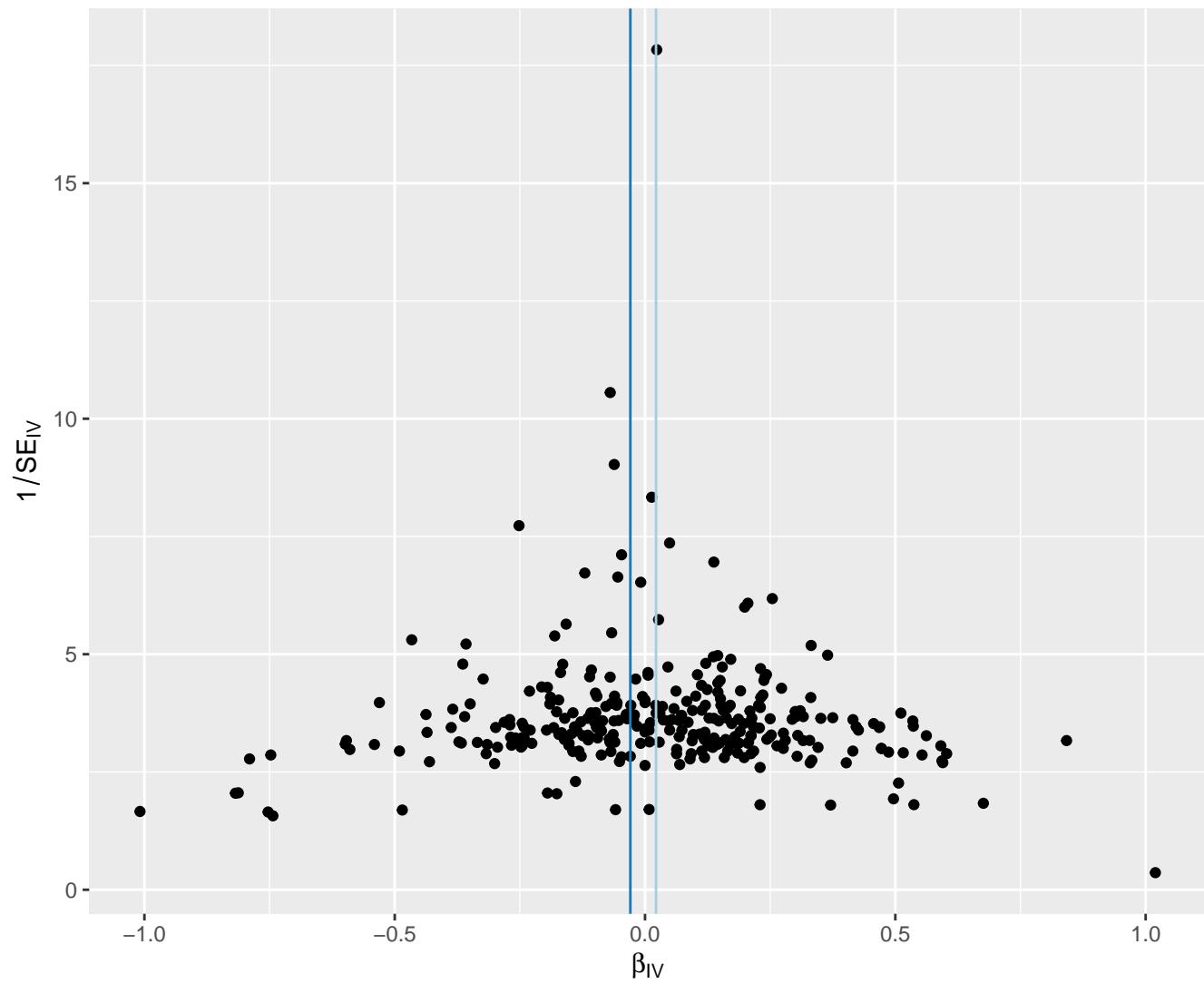
Inverse variance weighted

MR Egger



MR Method

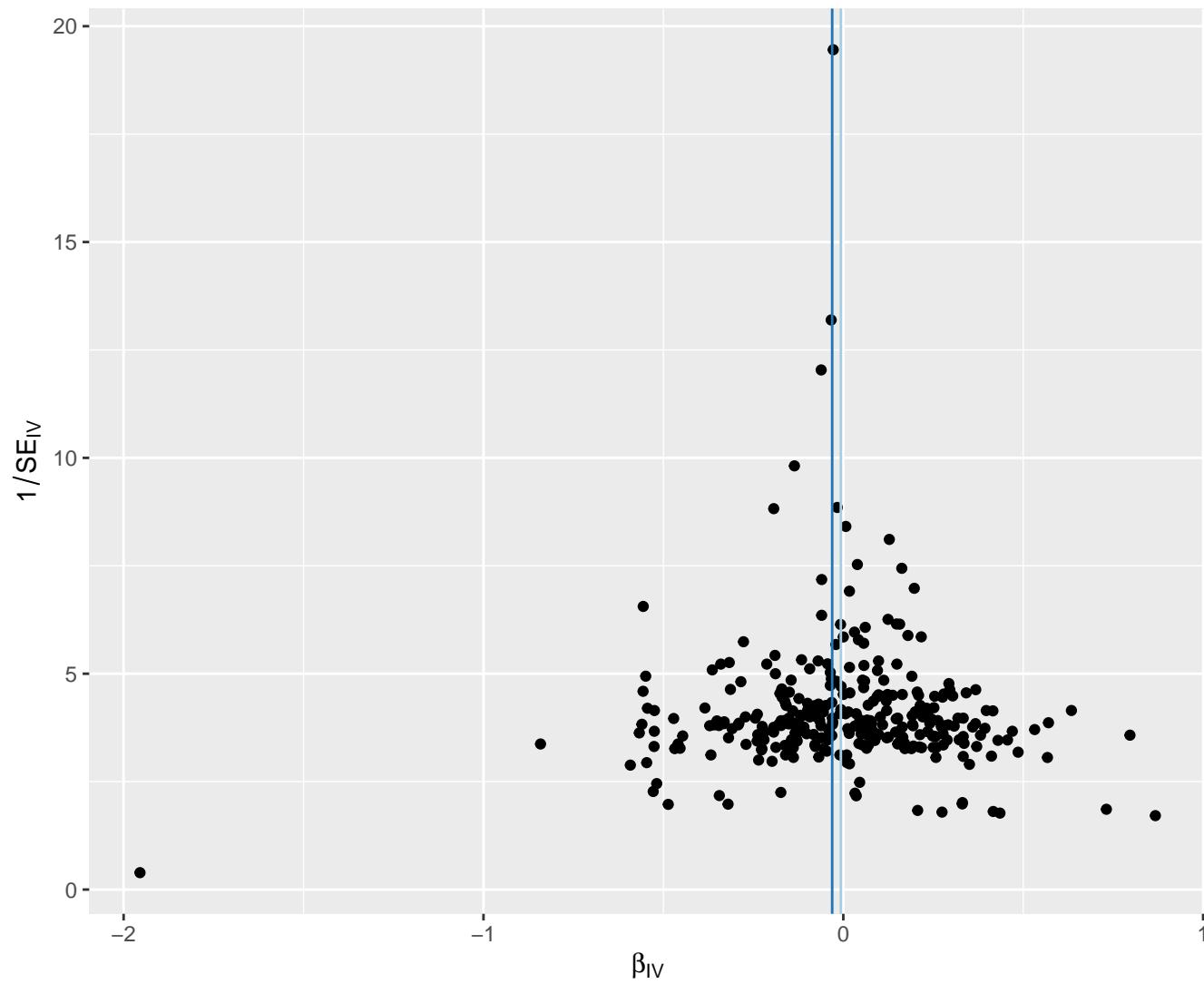
- Inverse variance weighted
- MR Egger



X-06350

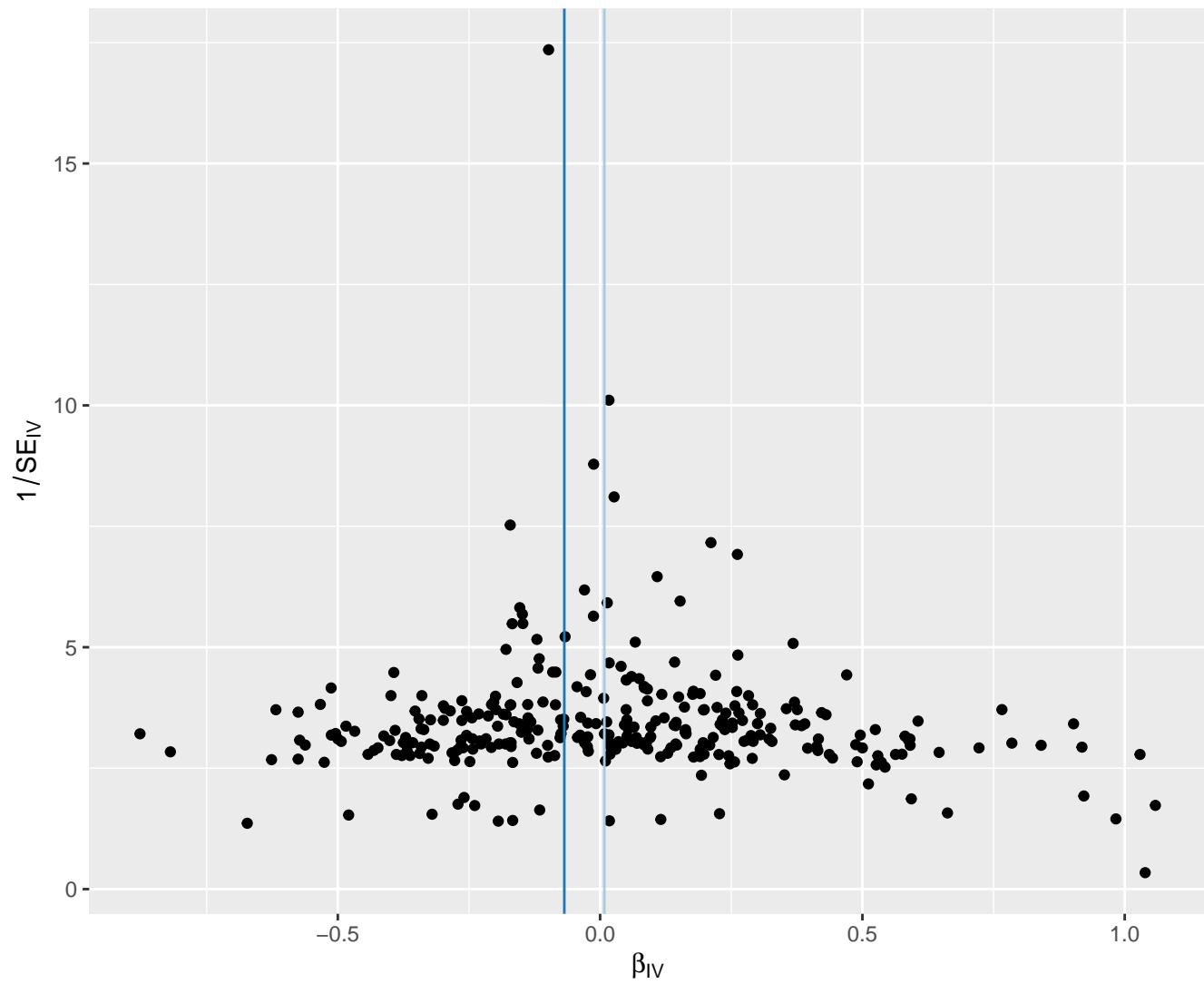
MR Method

- Inverse variance weighted
- MR Egger



MR Method

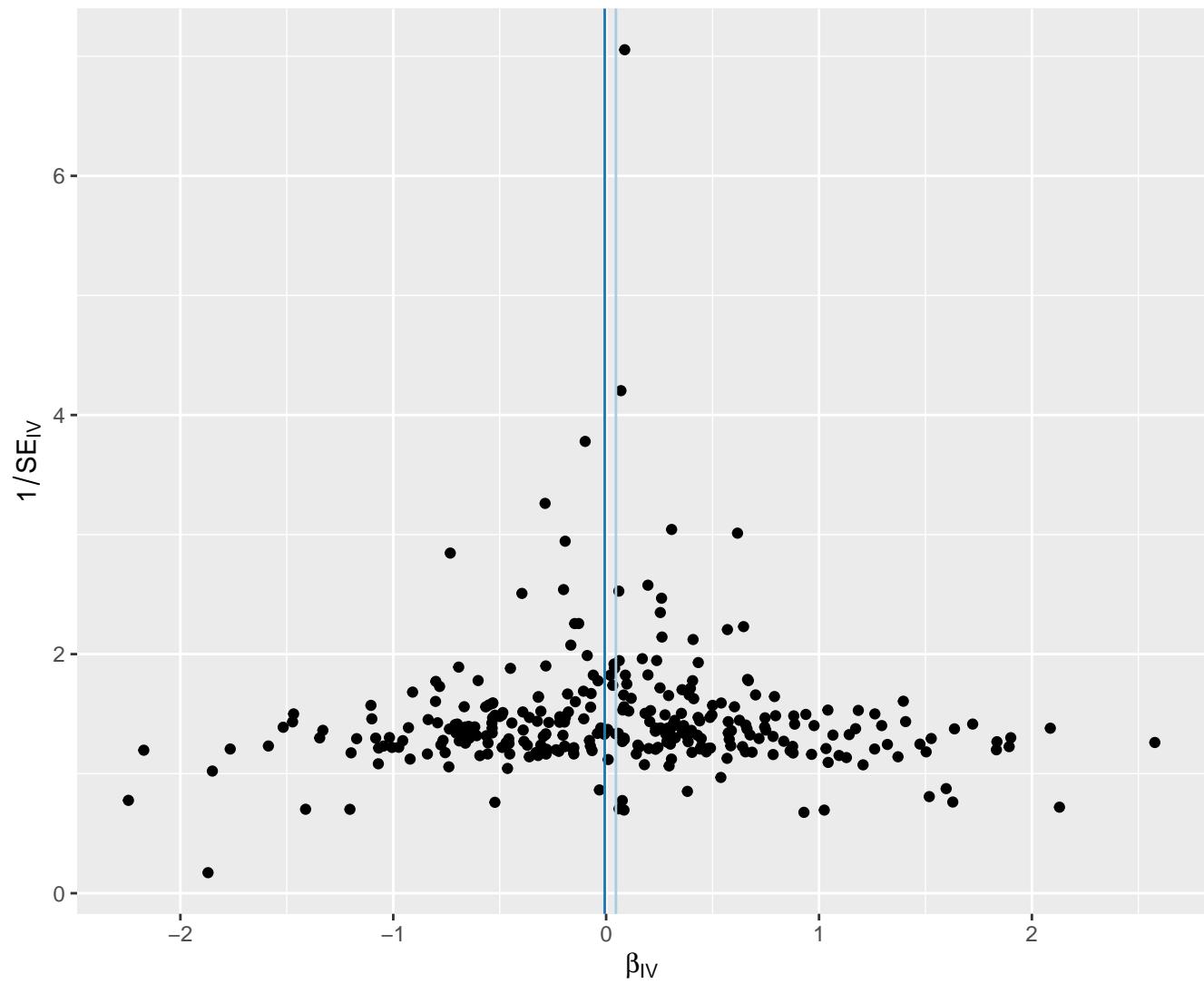
- Inverse variance weighted
- MR Egger



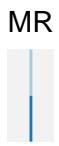
X-07765

MR Method

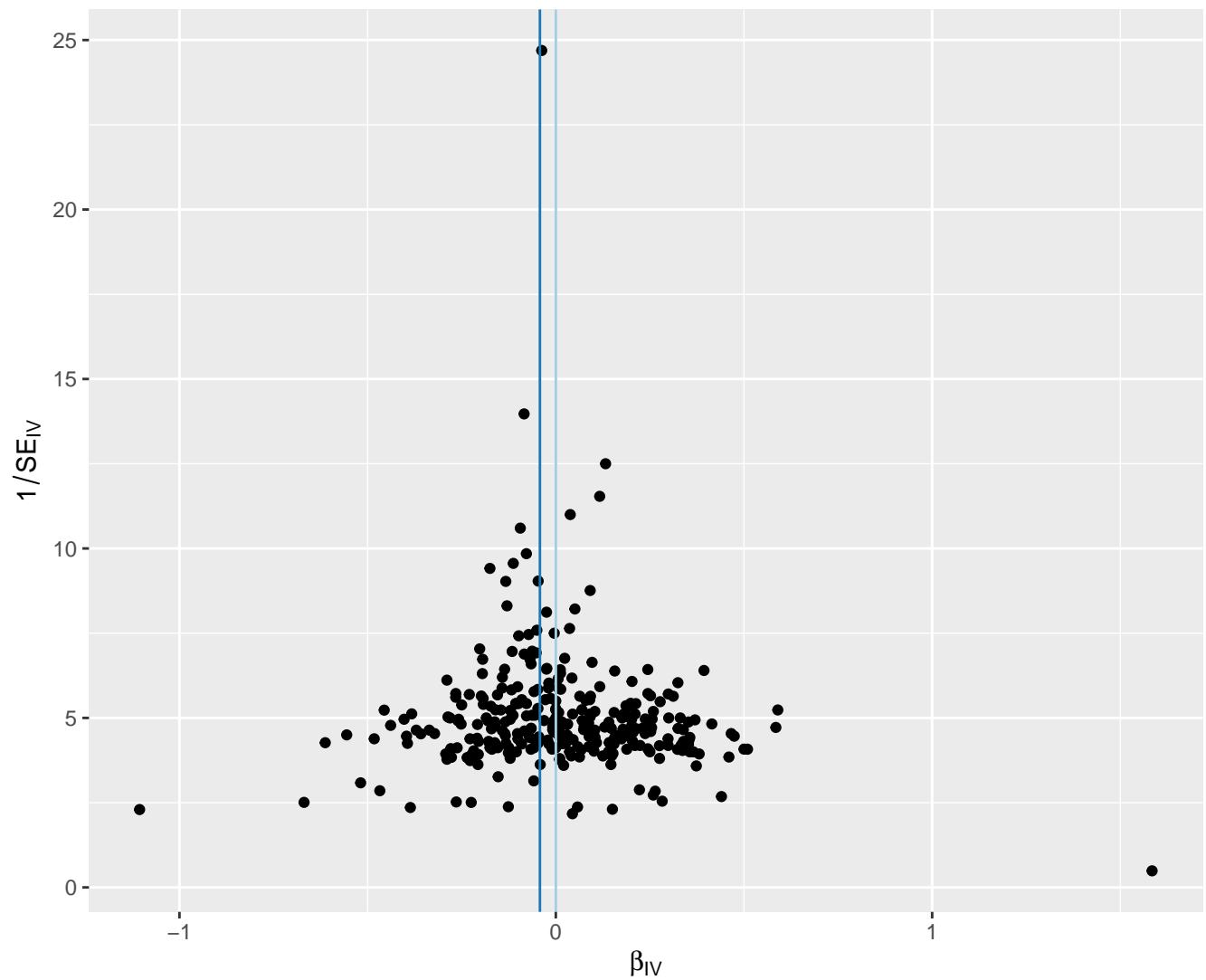
- Inverse variance weighted
- MR Egger



MR Method

 Inverse variance weighted

MR Egger

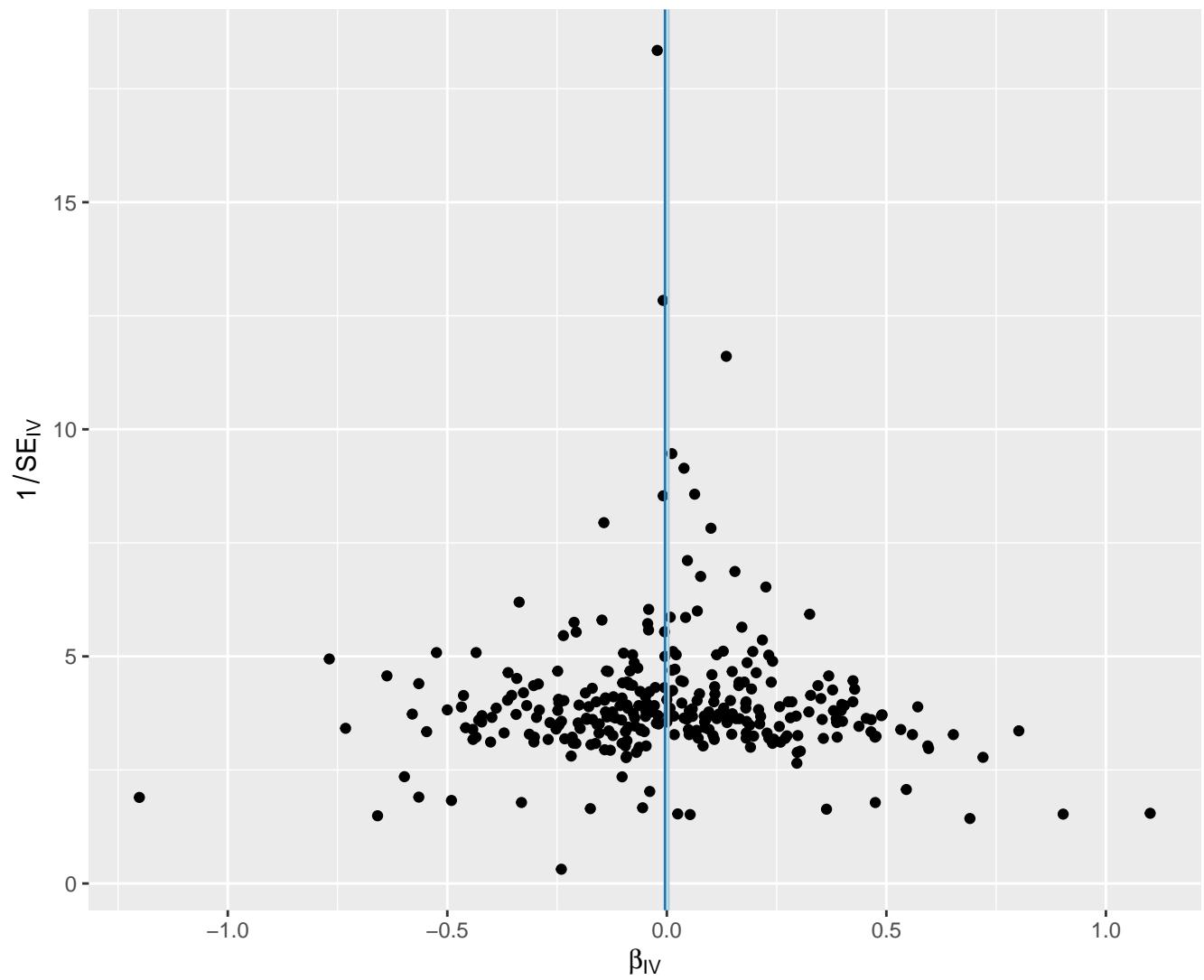


X-08766

MR Method

Inverse variance weighted

MR Egger

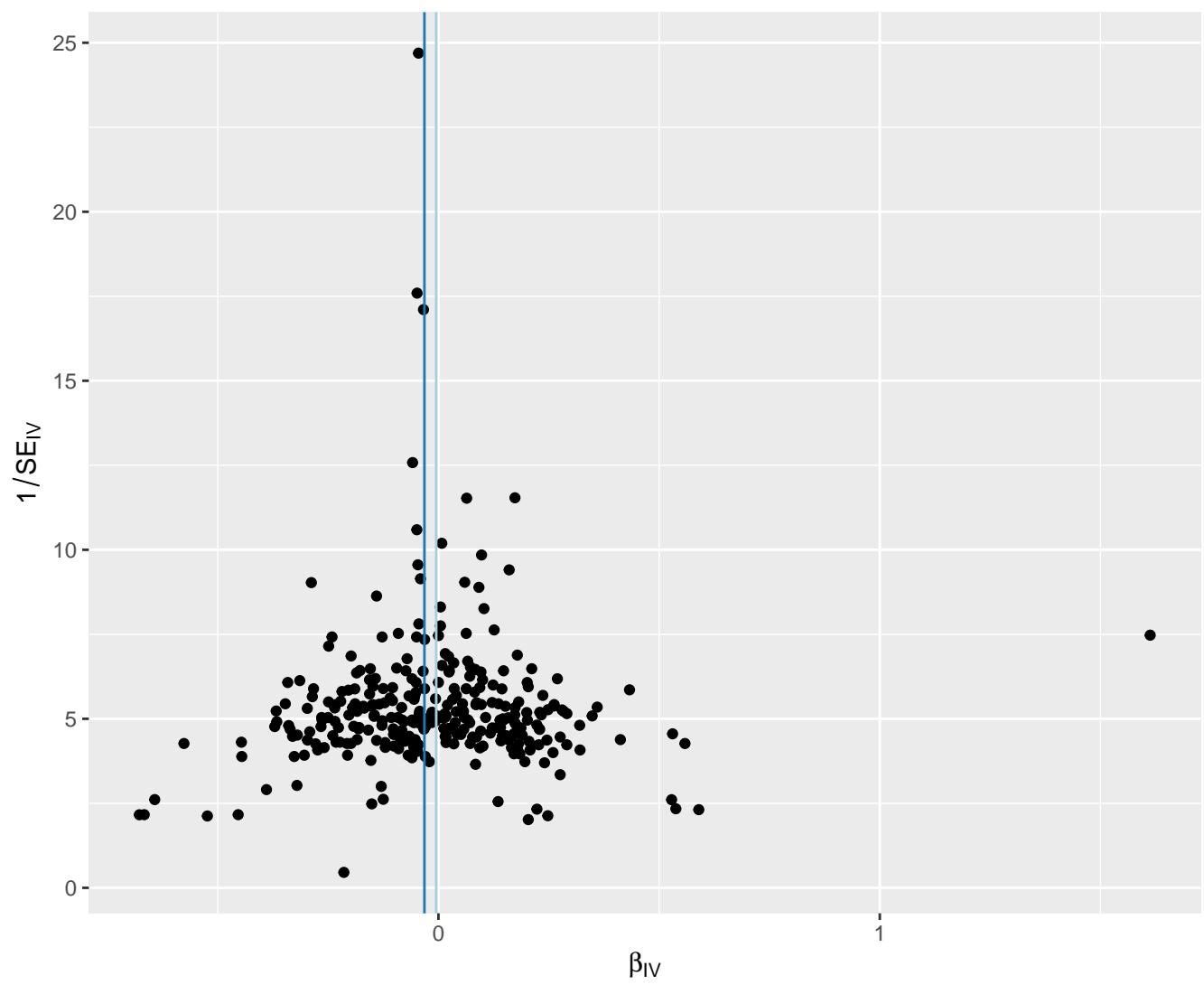


X-08988

MR Method

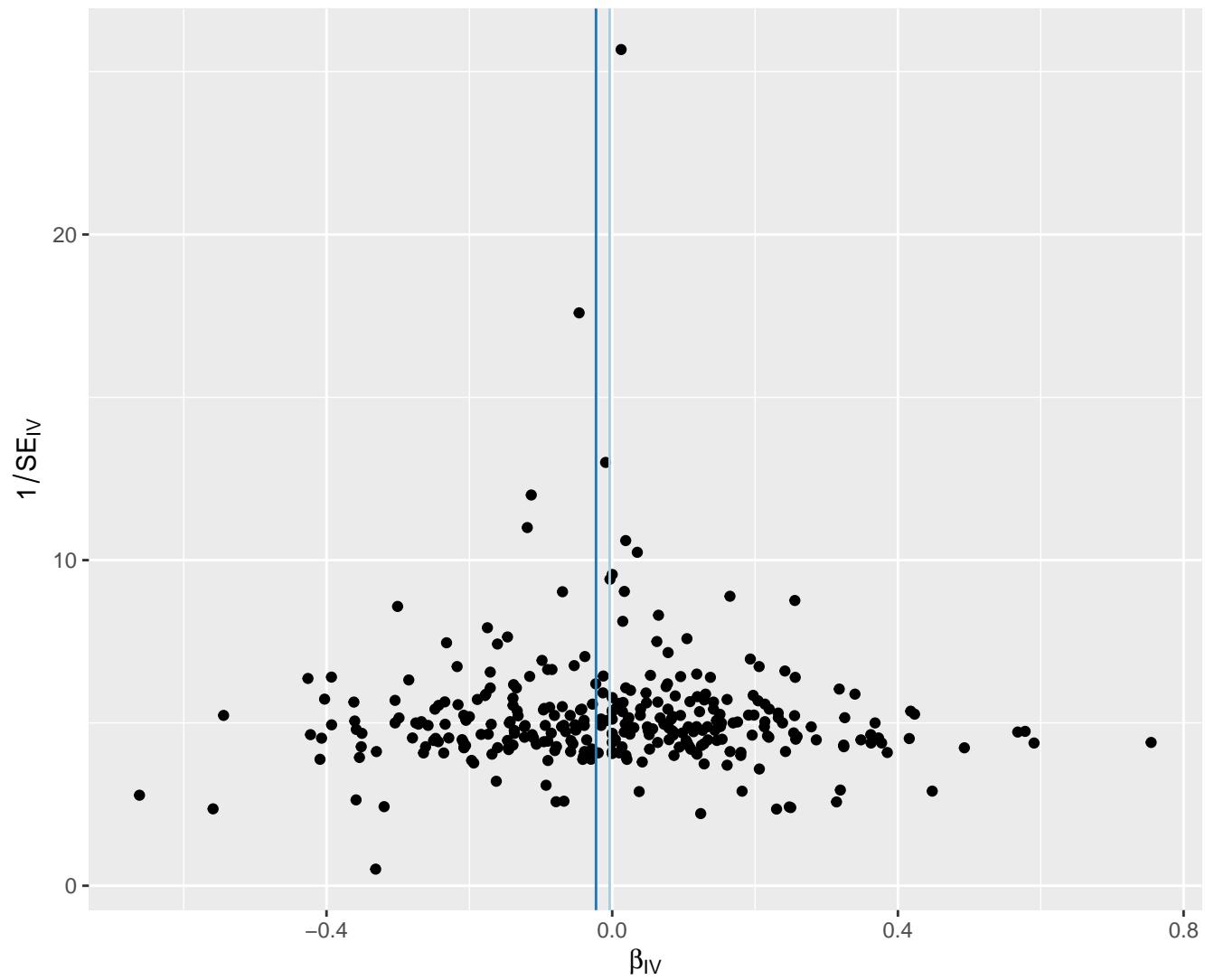
Inverse variance weighted

MR Egger



MR Method

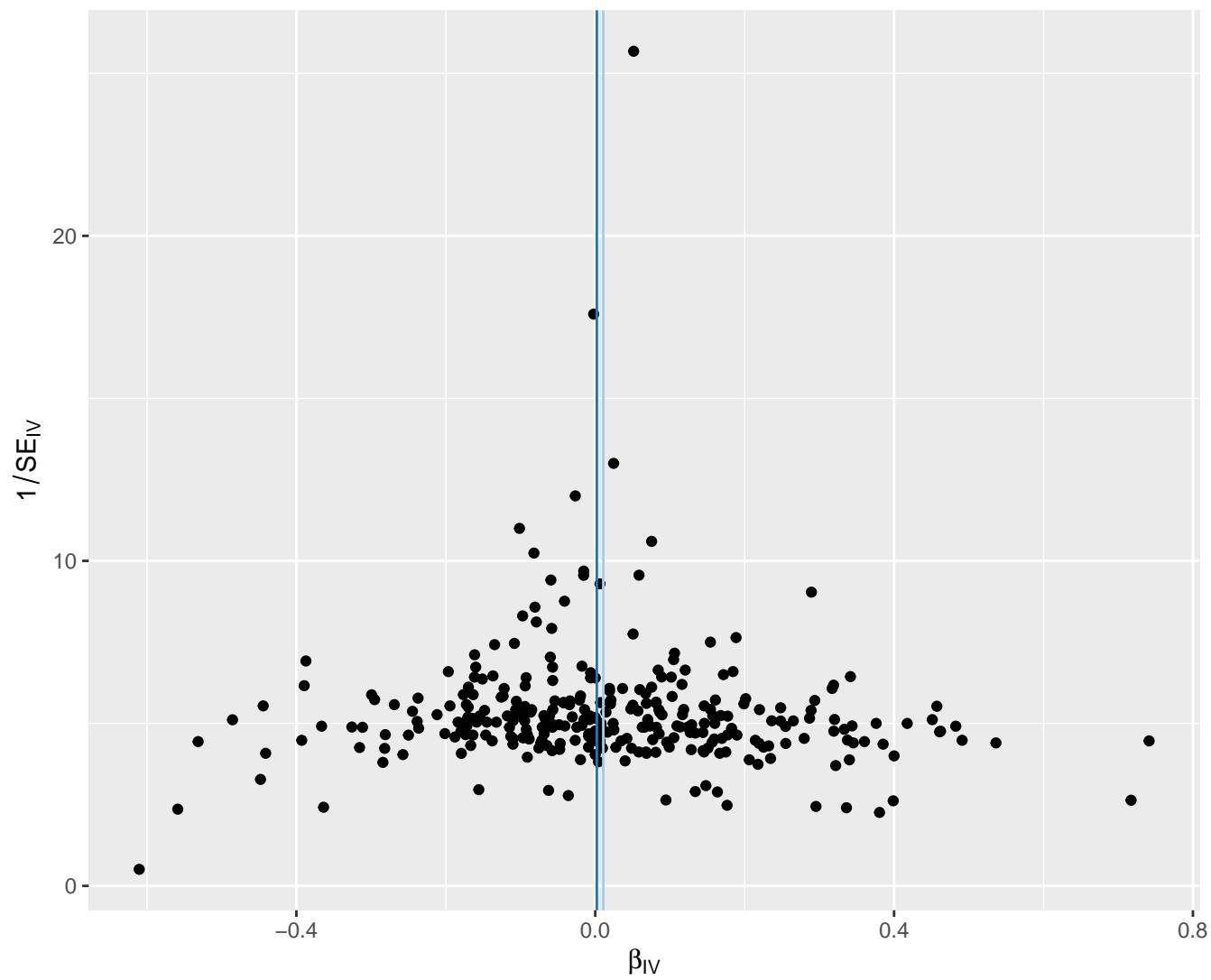
 Inverse variance weighted
MR Egger



MR Method

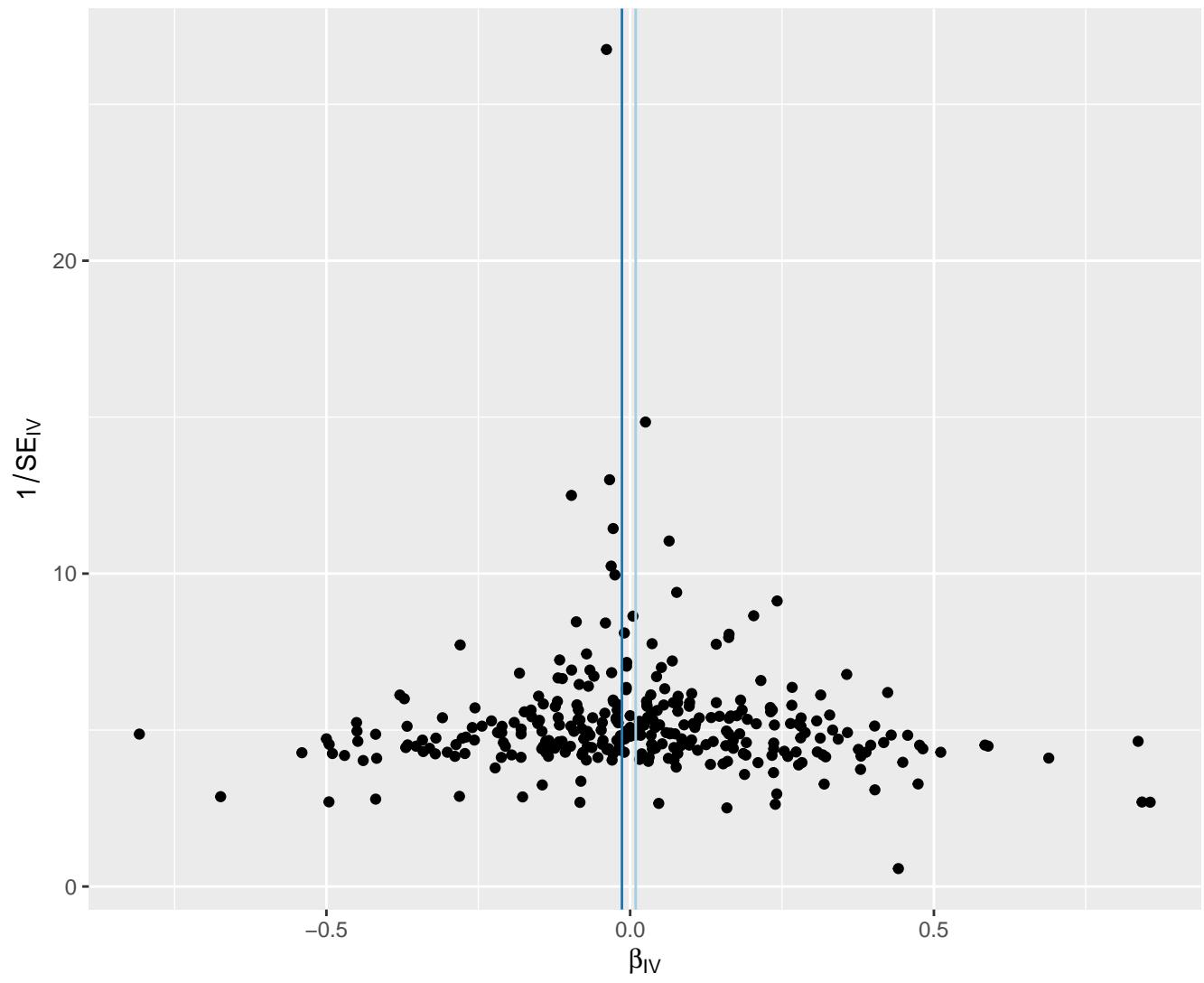
Inverse variance weighted

MR Egger



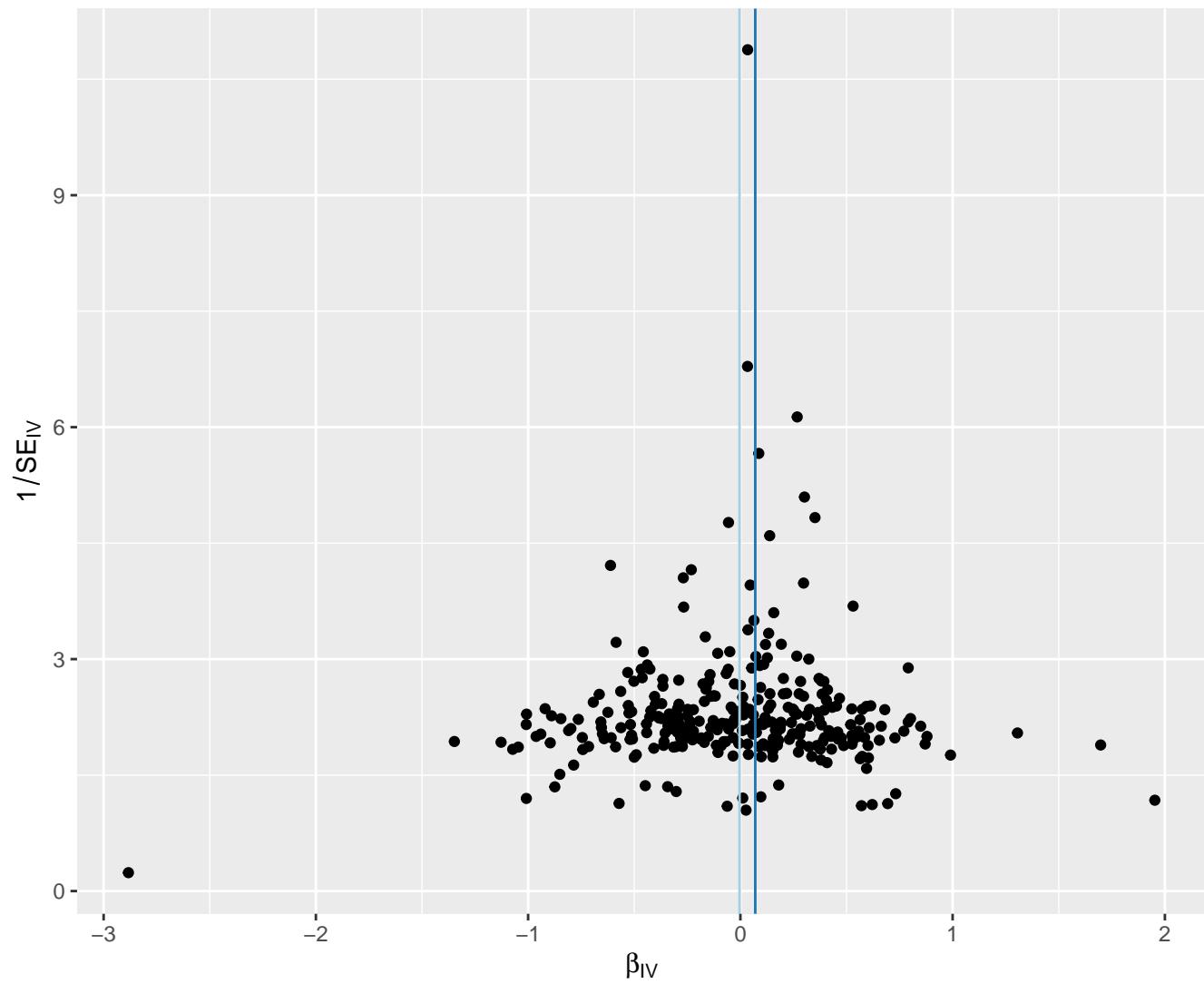
MR Method

- Inverse variance weighted
- MR Egger

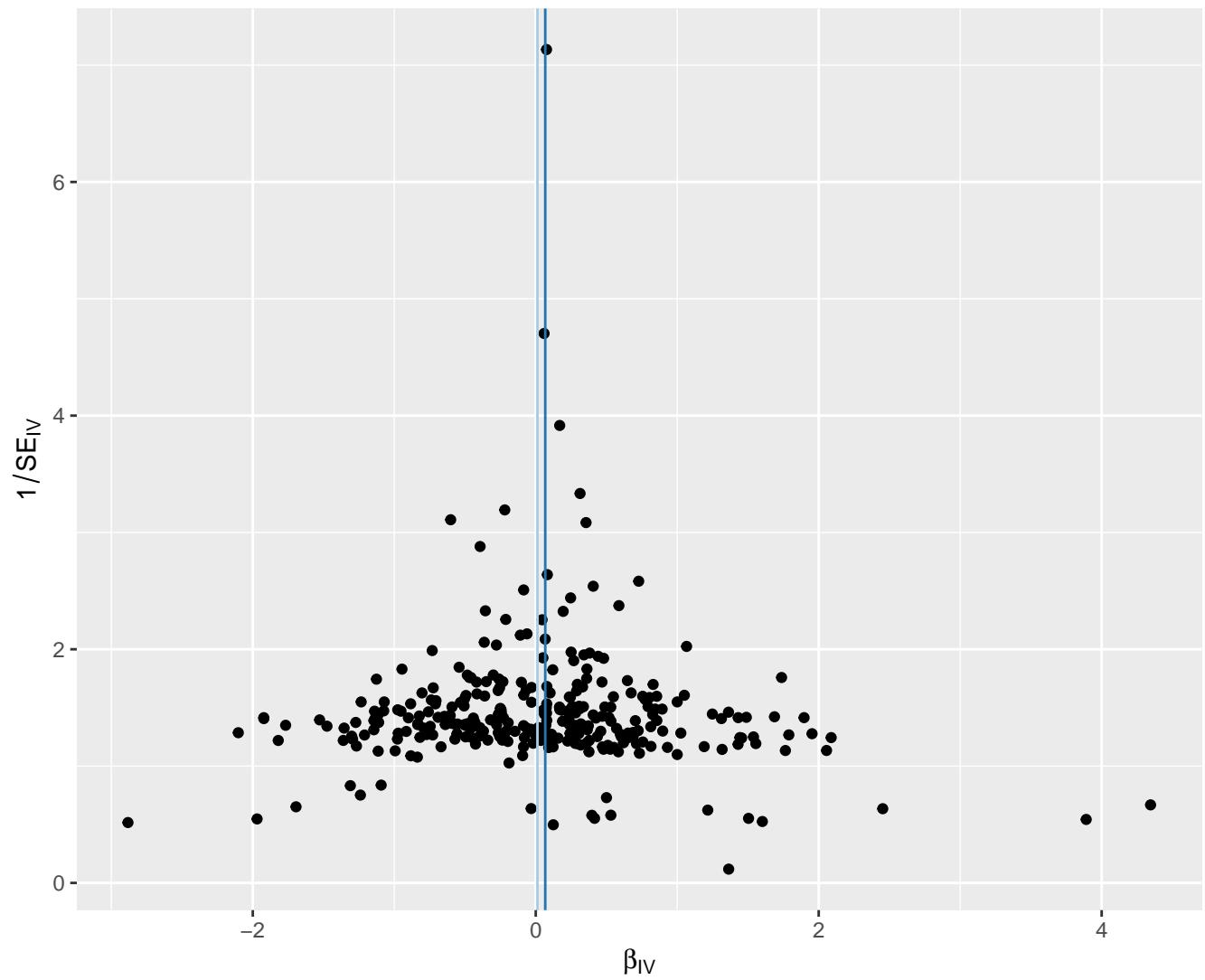


MR Method

 Inverse variance weighted
 MR Egger



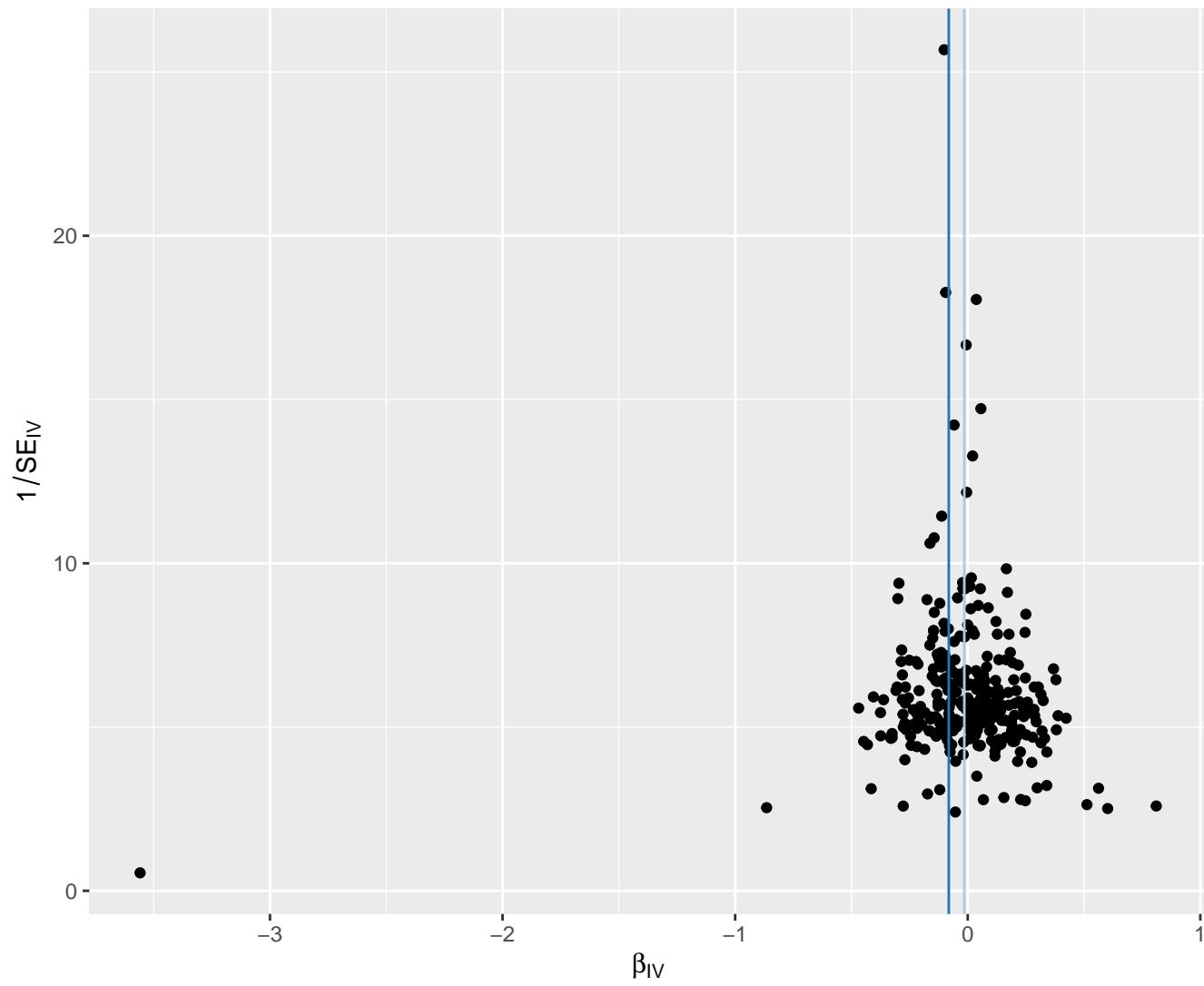
MR Method

 Inverse variance weighted MR Egger

X-10395

MR Method

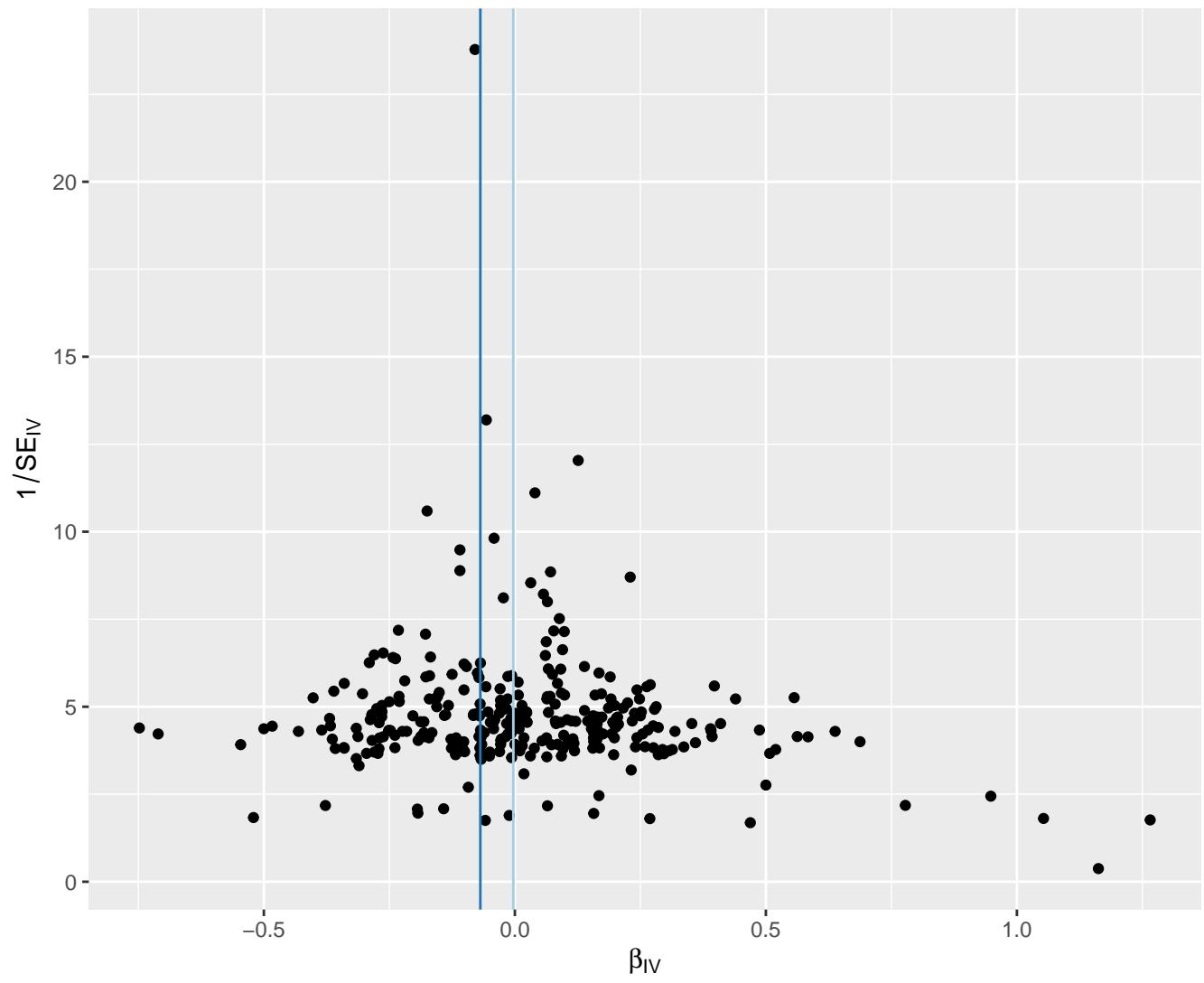
Inverse variance weighted
MR Egger



MR Method



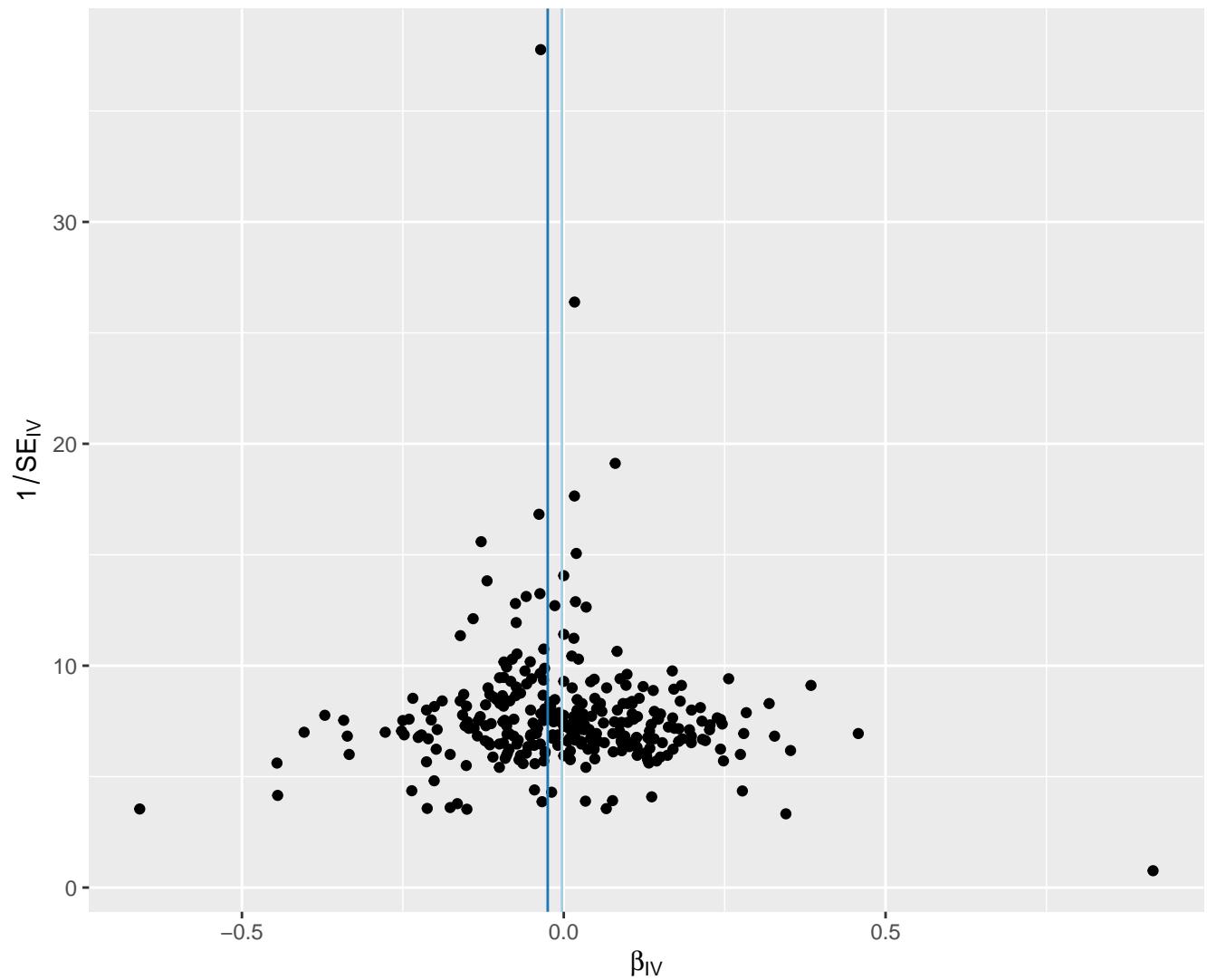
Inverse variance weighted
MR Egger



X-10500

MR Method

- Inverse variance weighted
- MR Egger

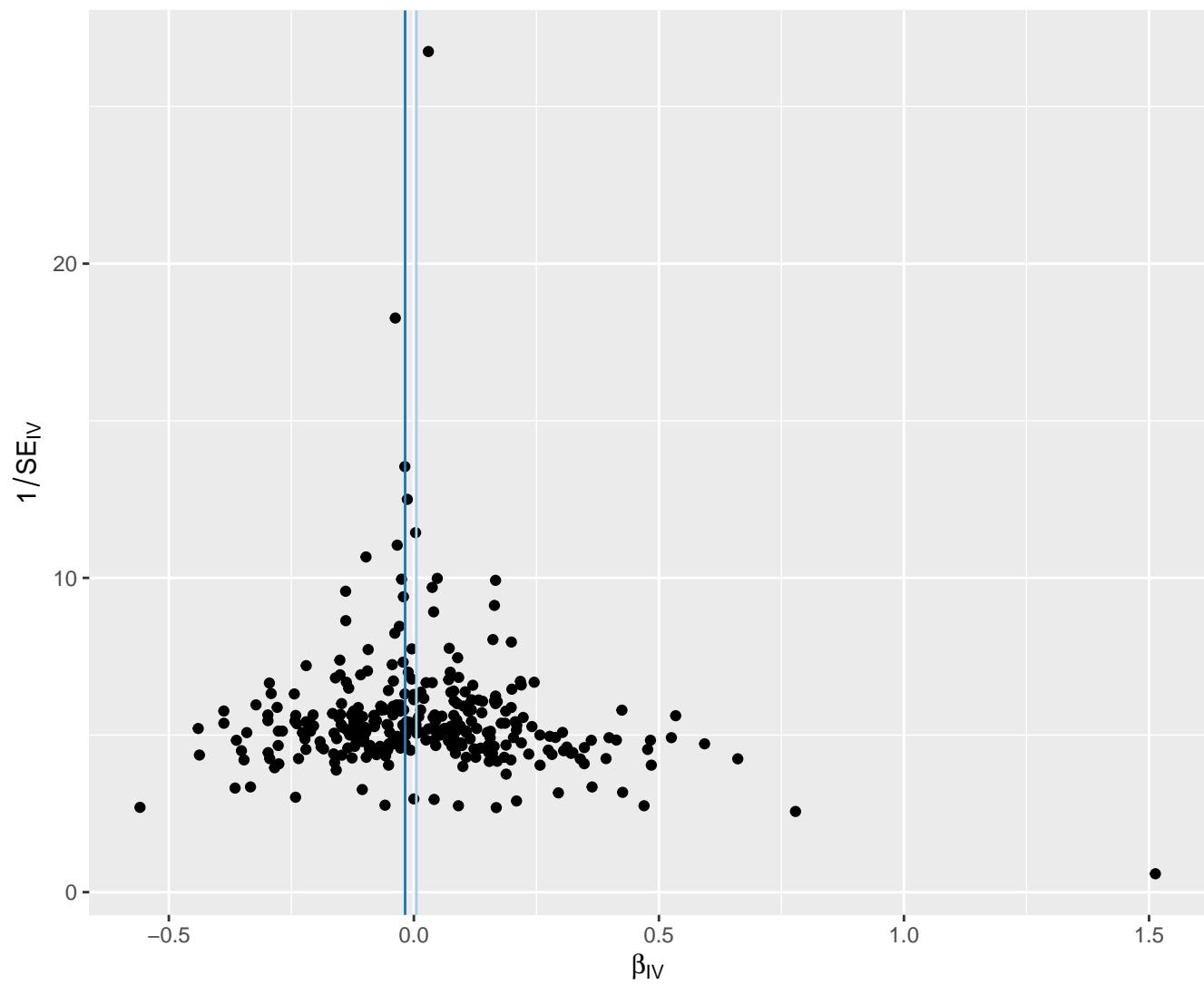


X-10506

MR Method

Inverse variance weighted

MR Egger

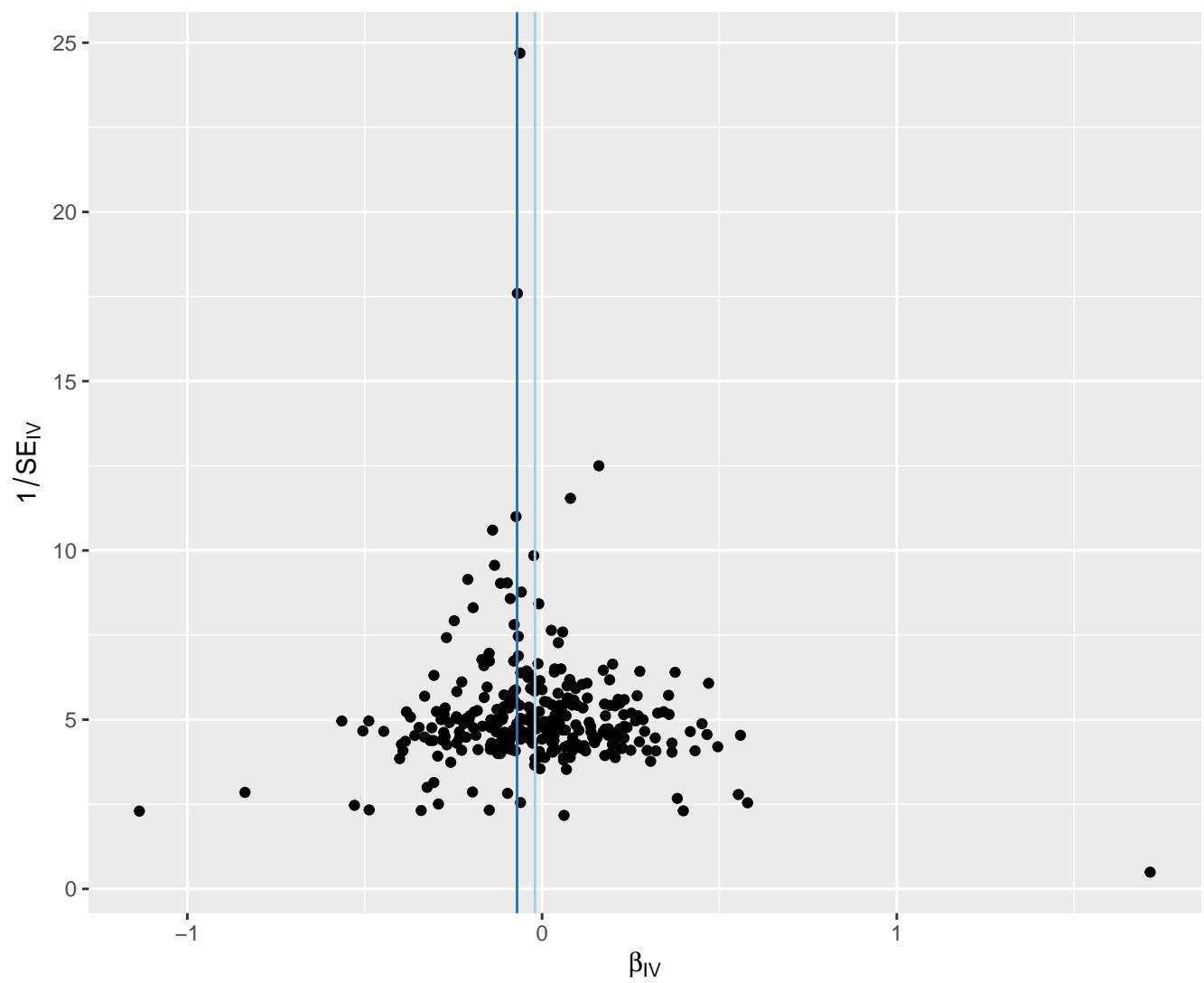


X-10510

MR Method

Inverse variance weighted

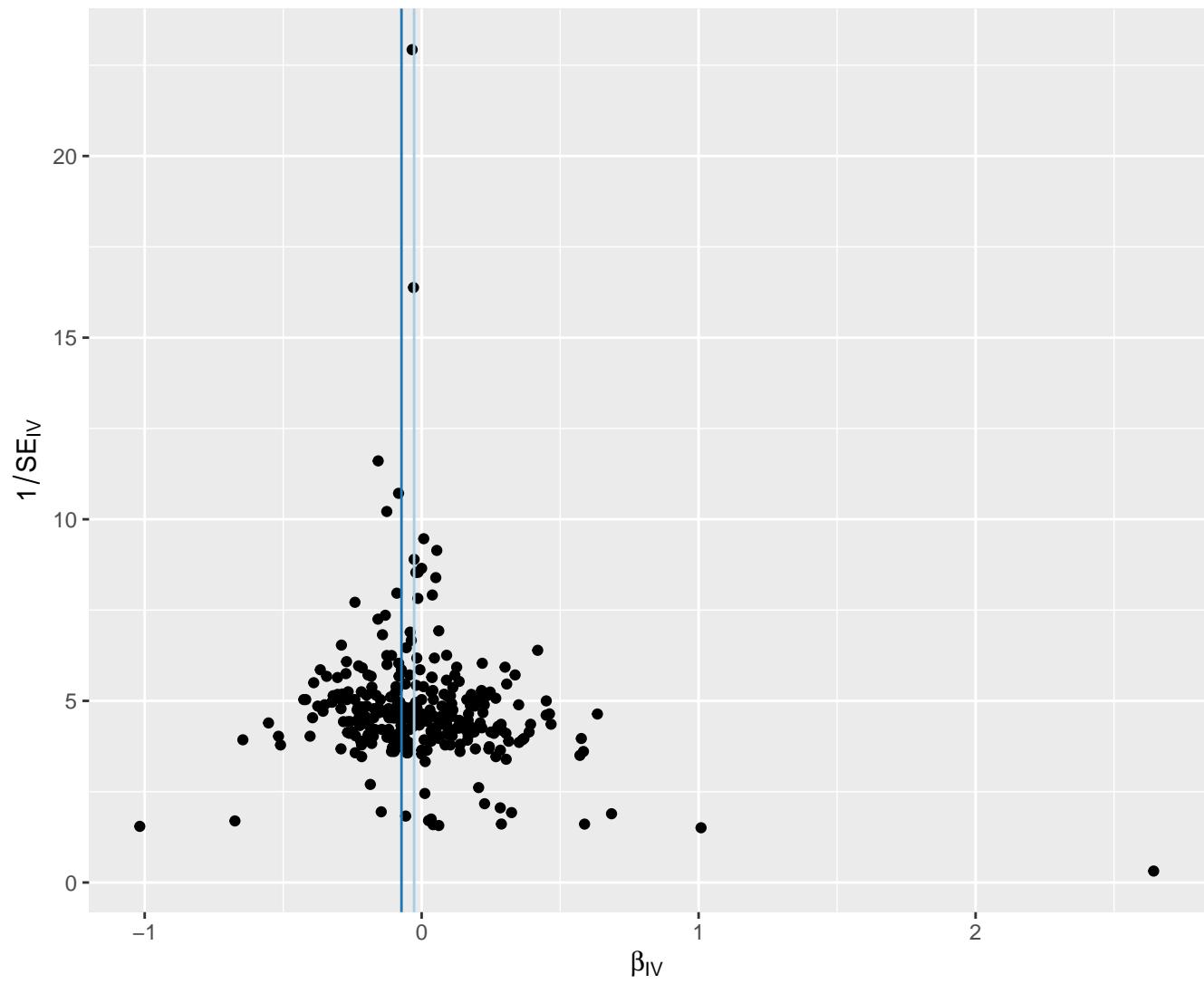
MR Egger



X-10810

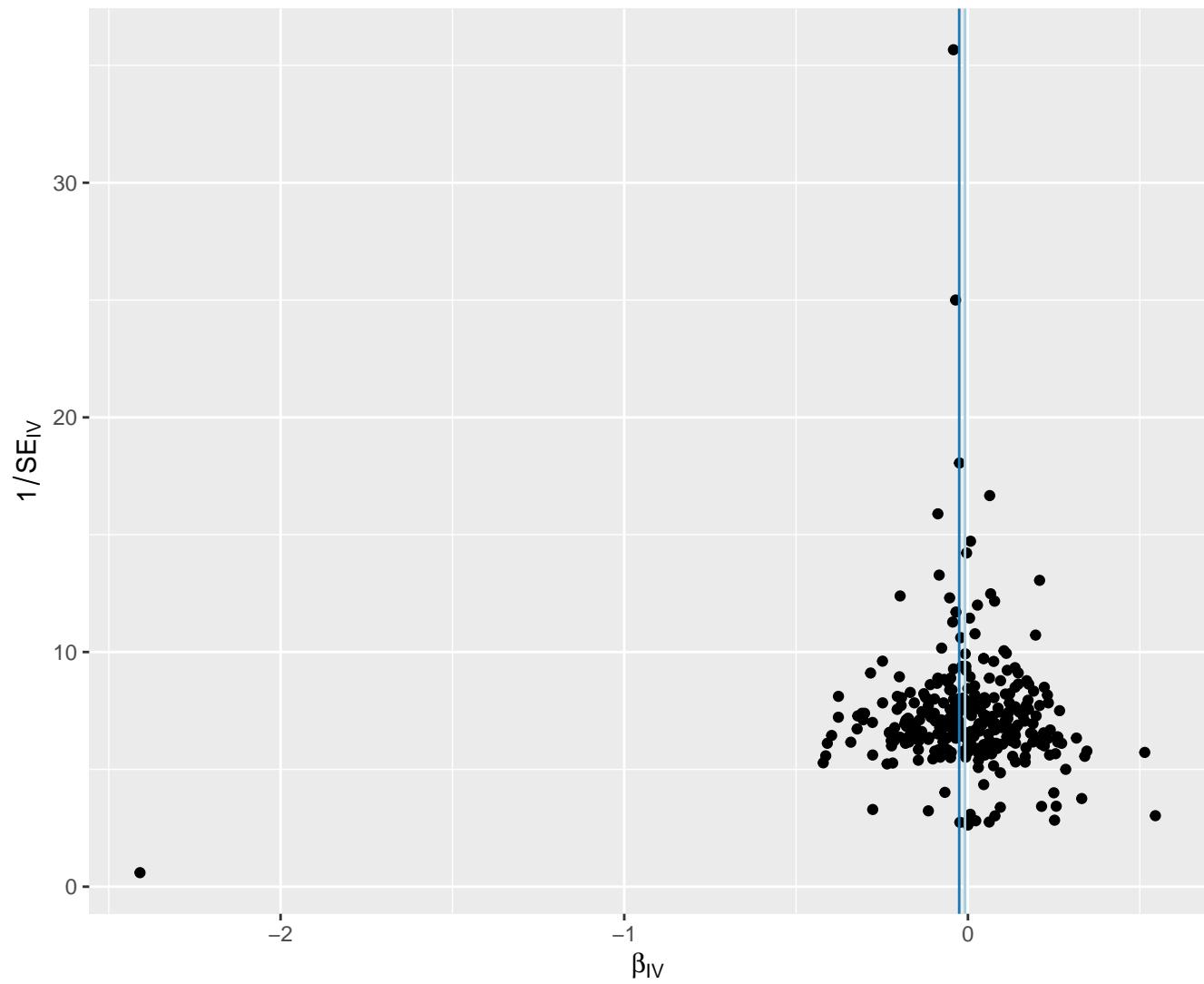
MR Method

Inverse variance weighted
MR Egger

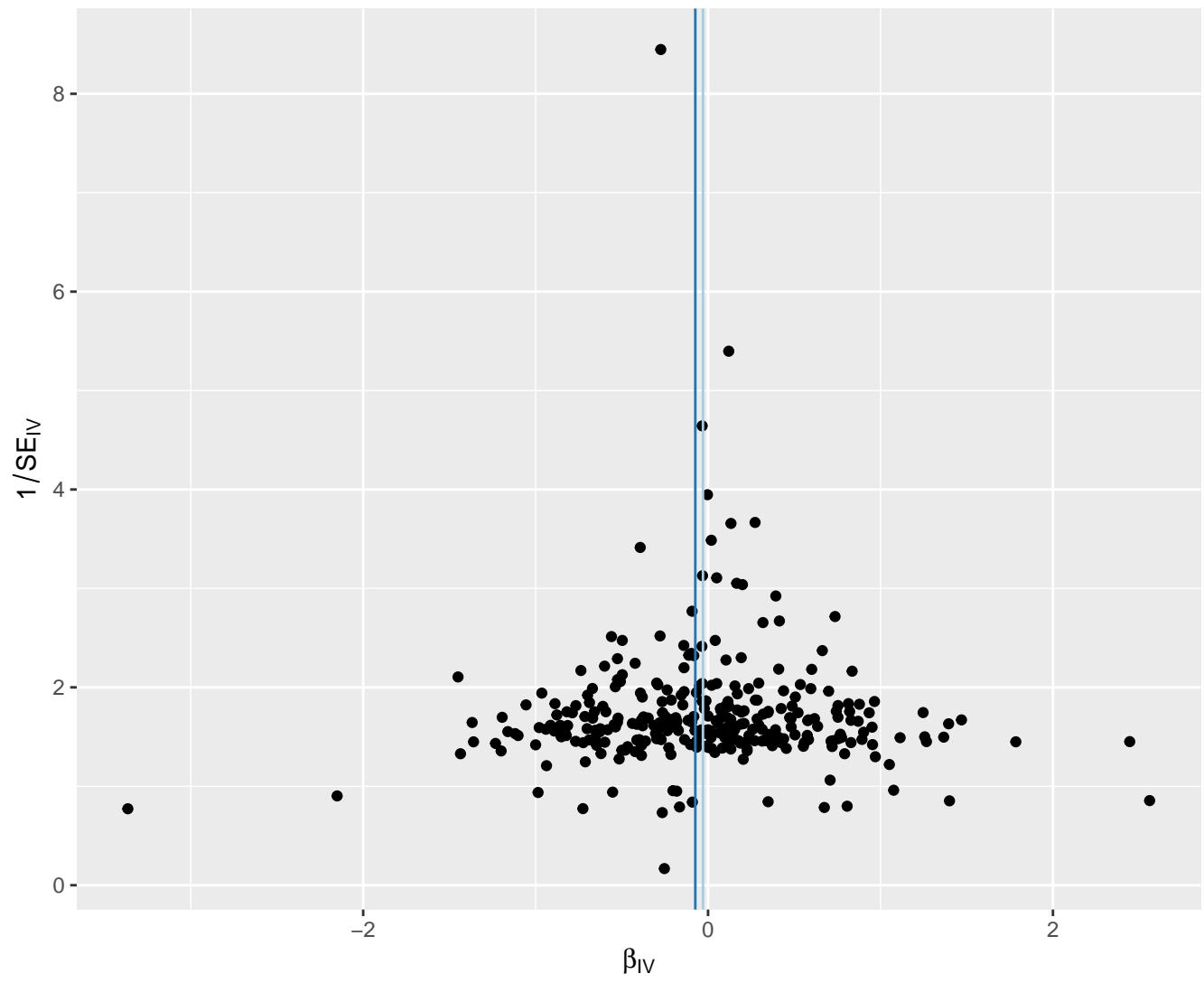


MR Method

- Inverse variance weighted
- MR Egger

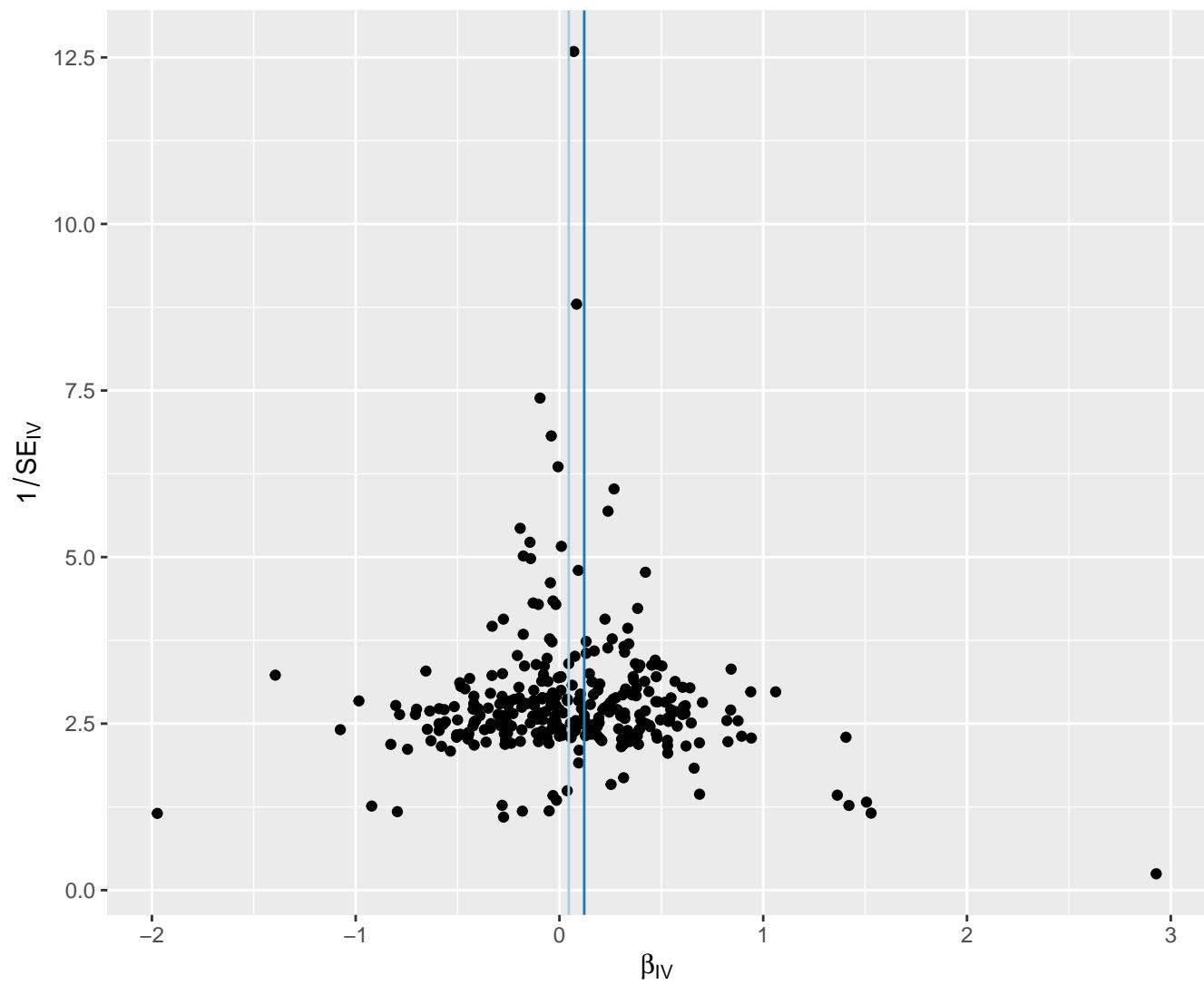


MR Method

 Inverse variance weighted MR Egger

MR Method

-  Inverse variance weighted
-  MR Egger

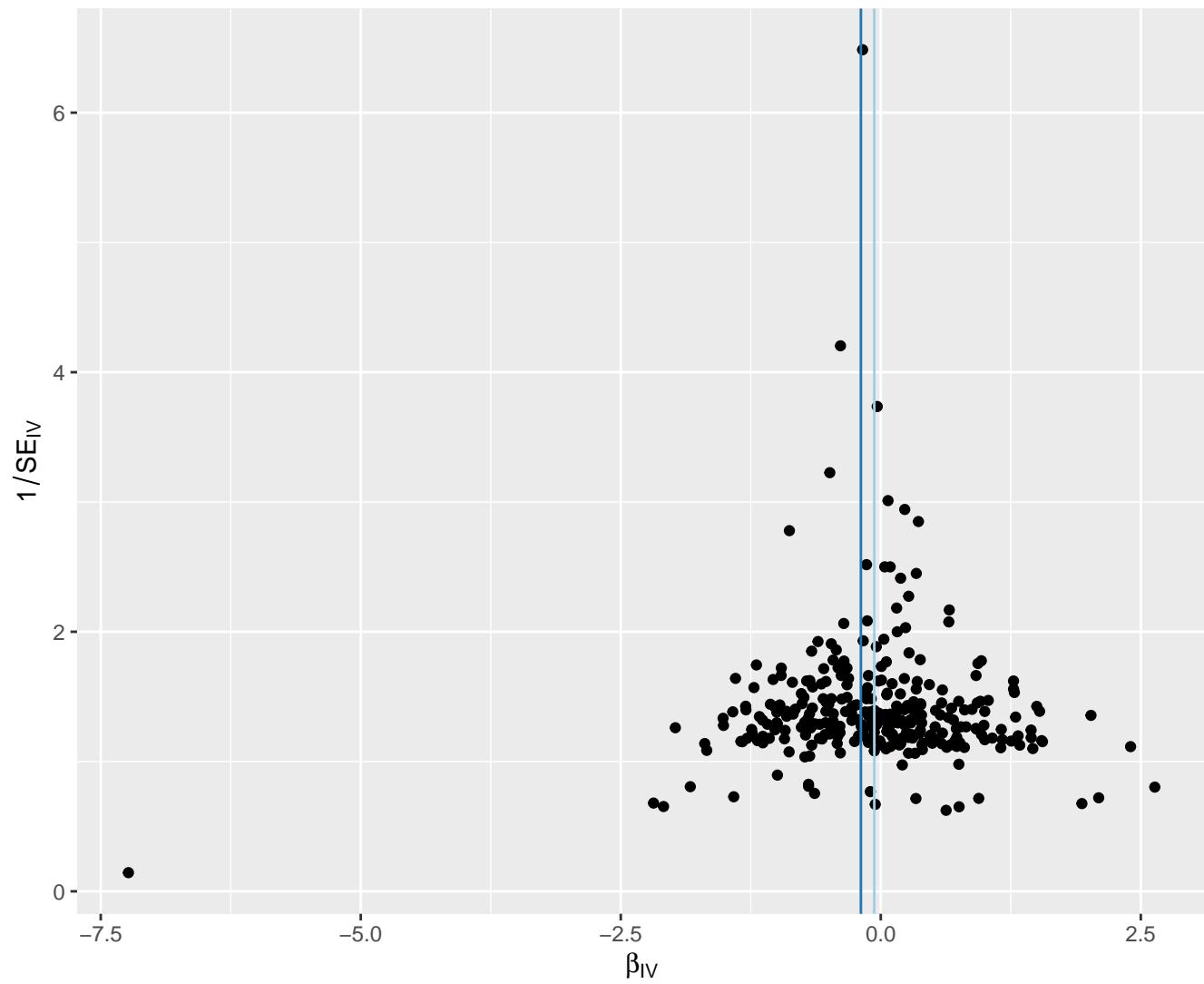


X-11299

MR Method

Inverse variance weighted

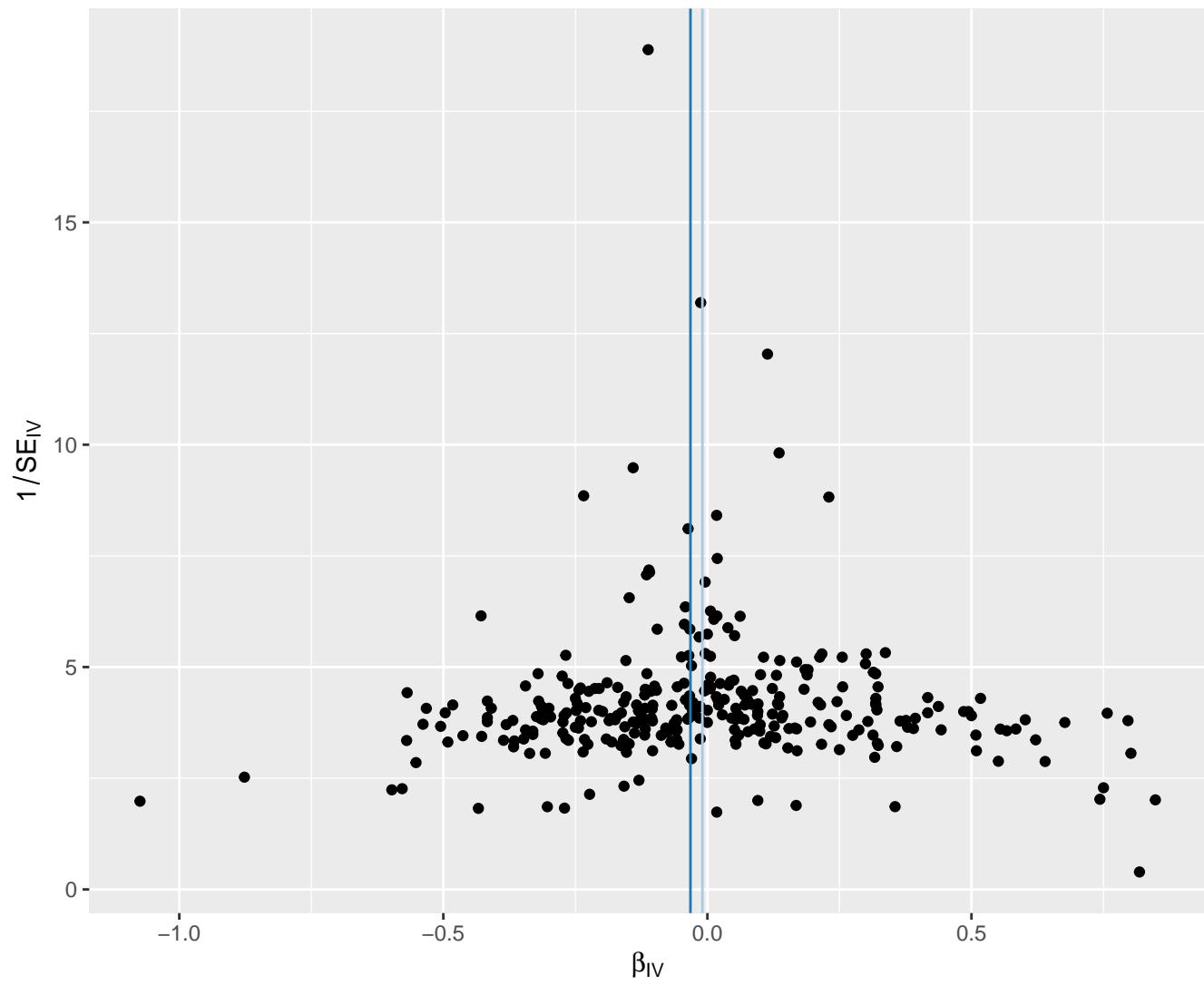
MR Egger



X-11315

MR Method

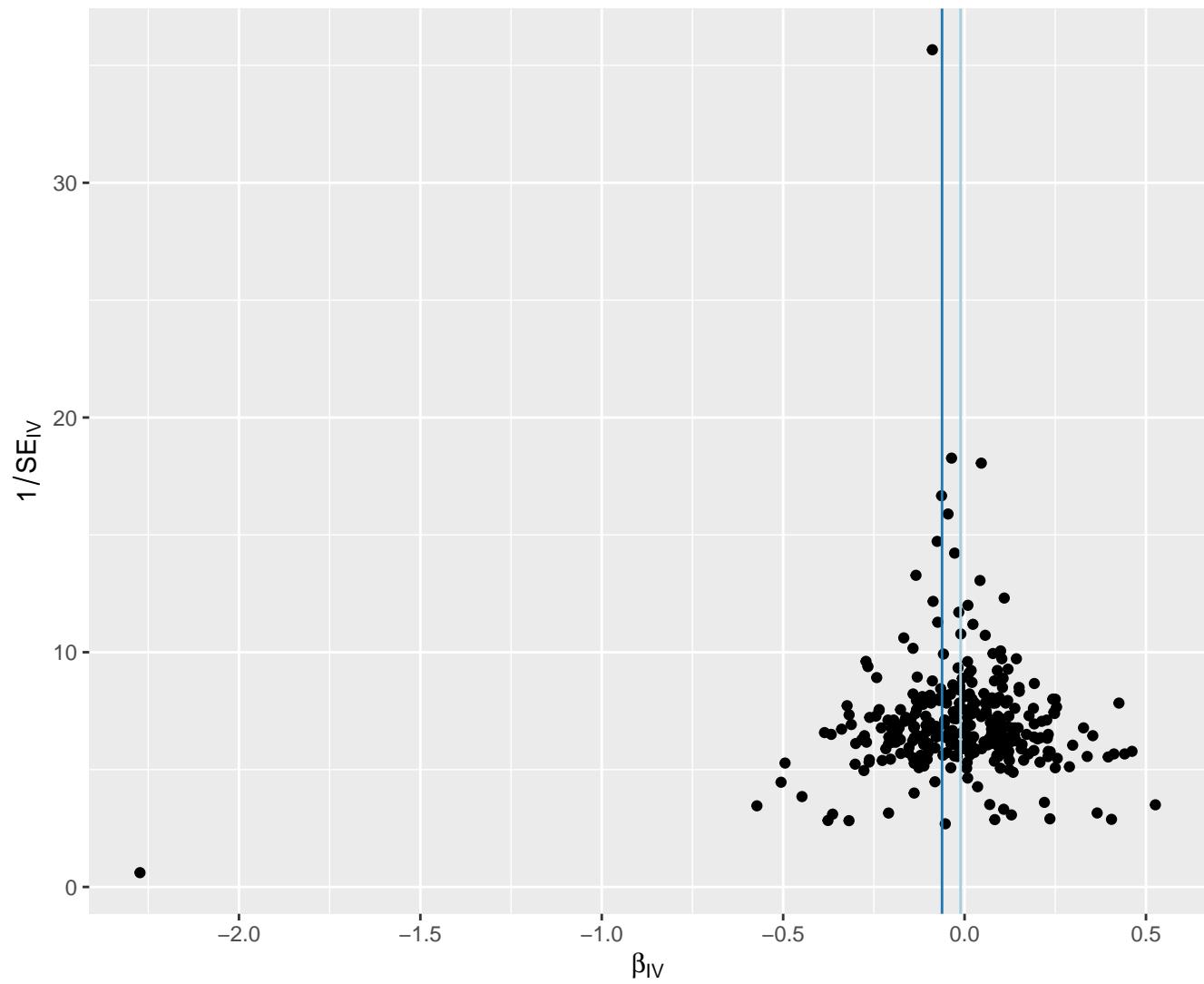
Inverse variance weighted
MR Egger



X-11317

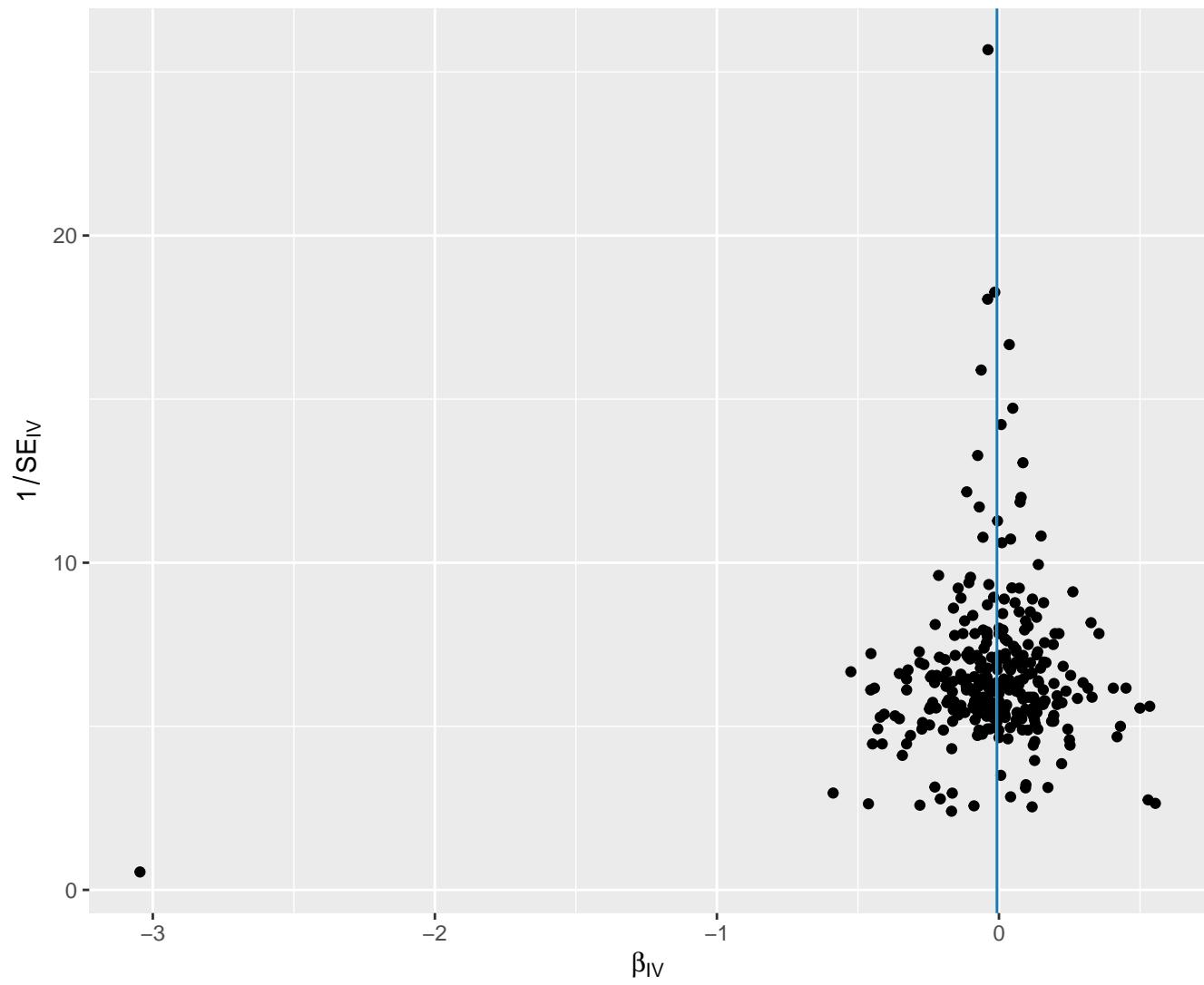
MR Method

- Inverse variance weighted
- MR Egger



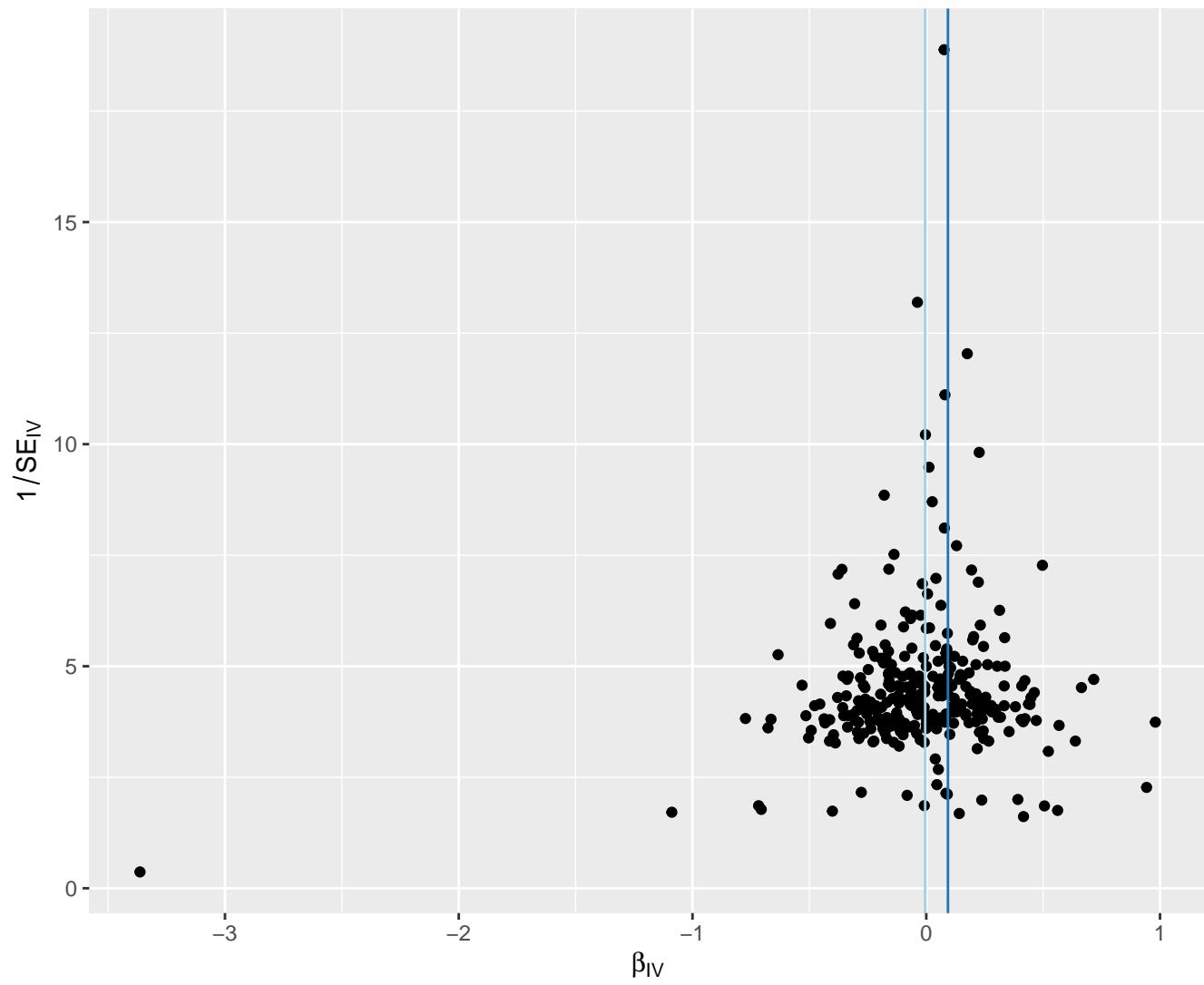
MR Method

- Inverse variance weighted
- MR Egger



MR Method

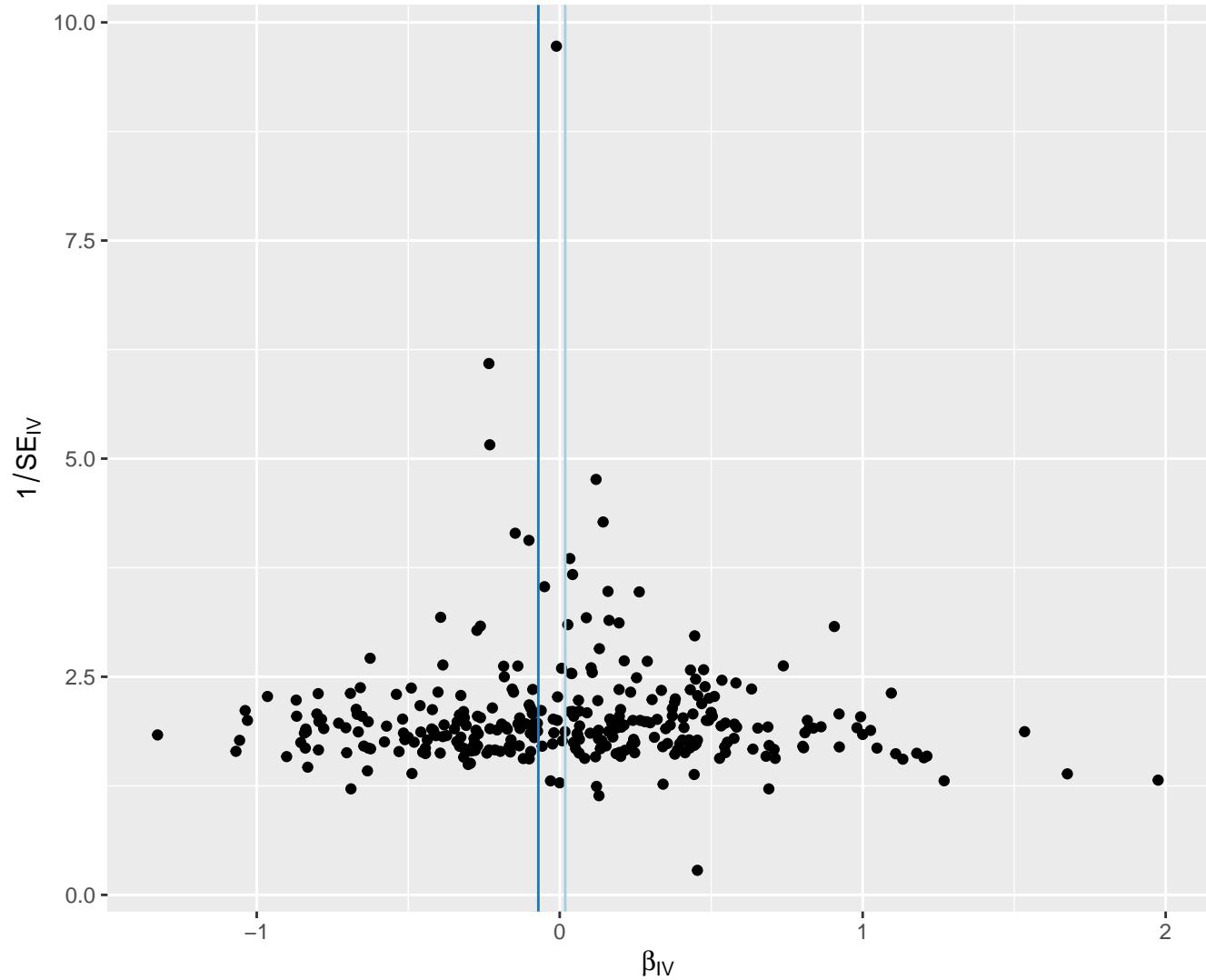
- Inverse variance weighted
- MR Egger



MR Method

 Inverse variance weighted

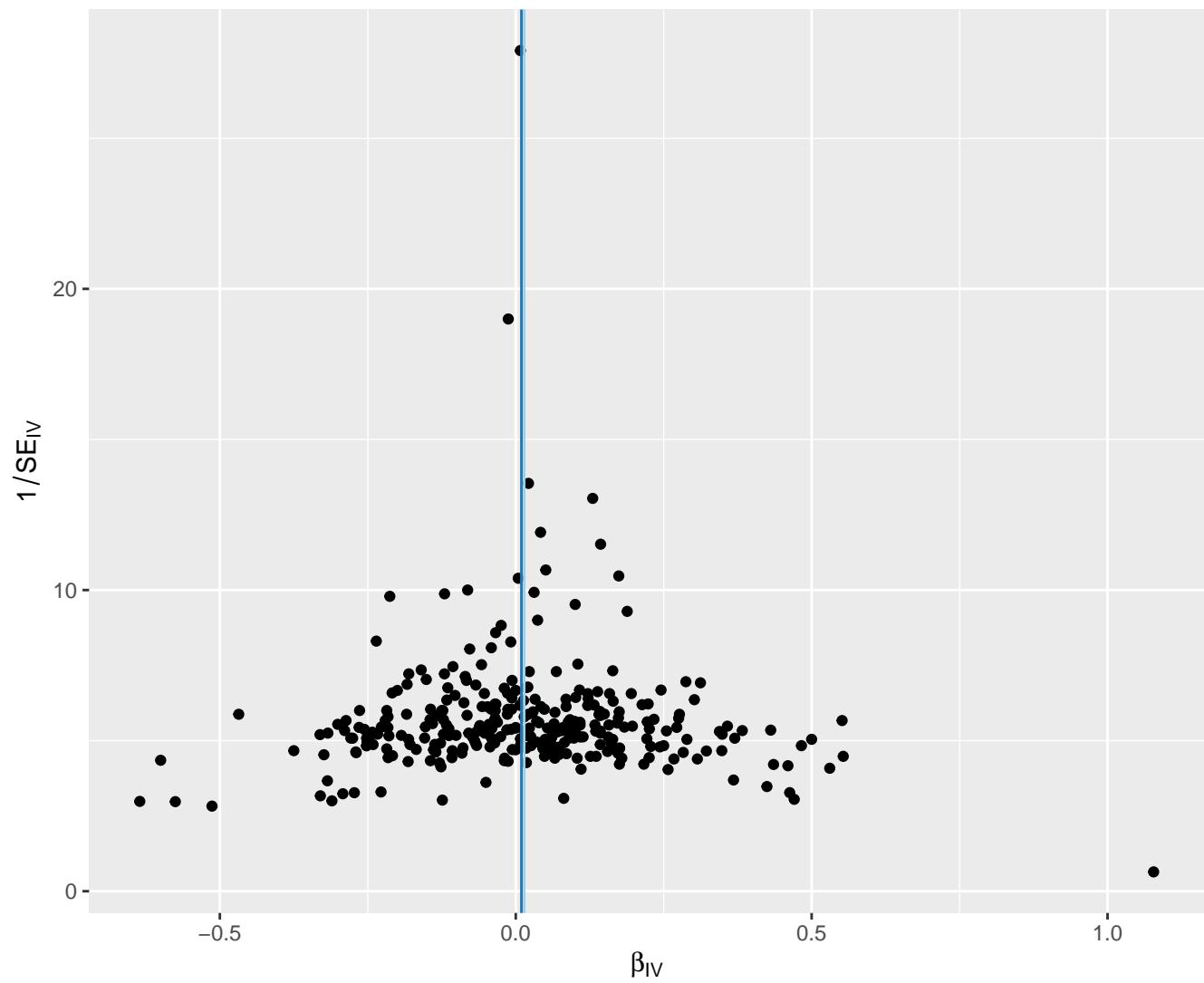
MR Egger



X-11381

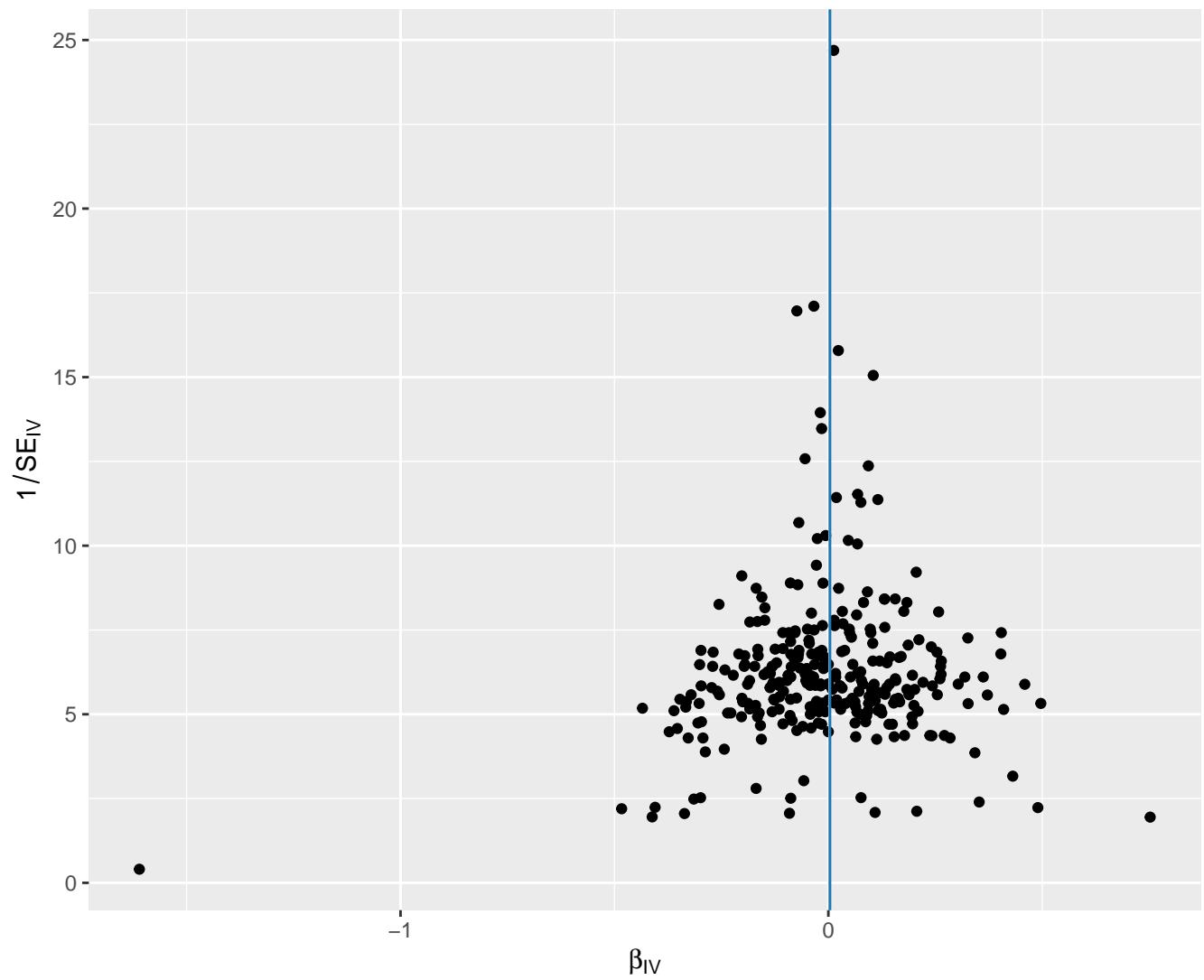
MR Method

Inverse variance weighted
MR Egger



MR Method

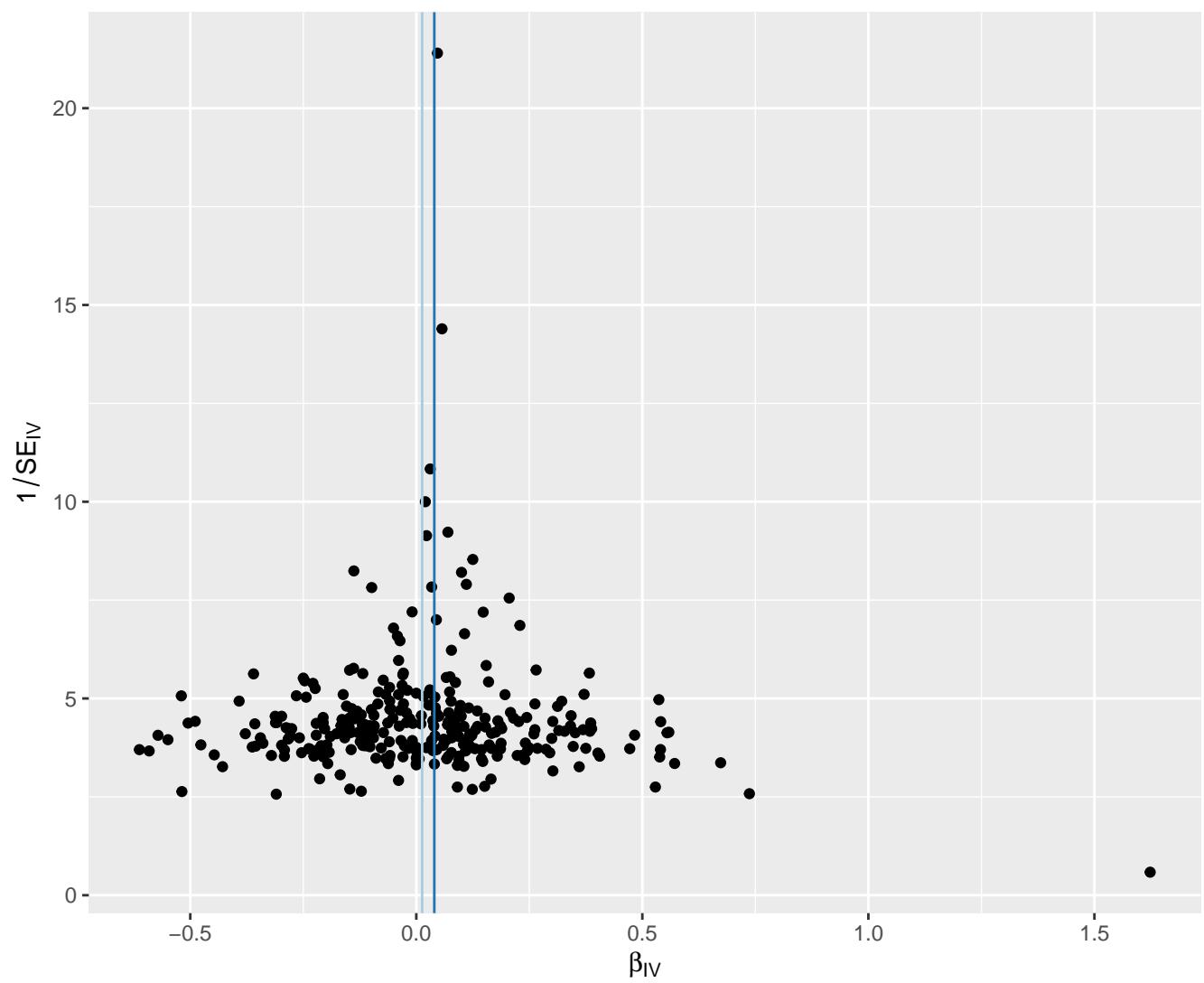
- Inverse variance weighted
- MR Egger



MR Method

Inverse variance weighted

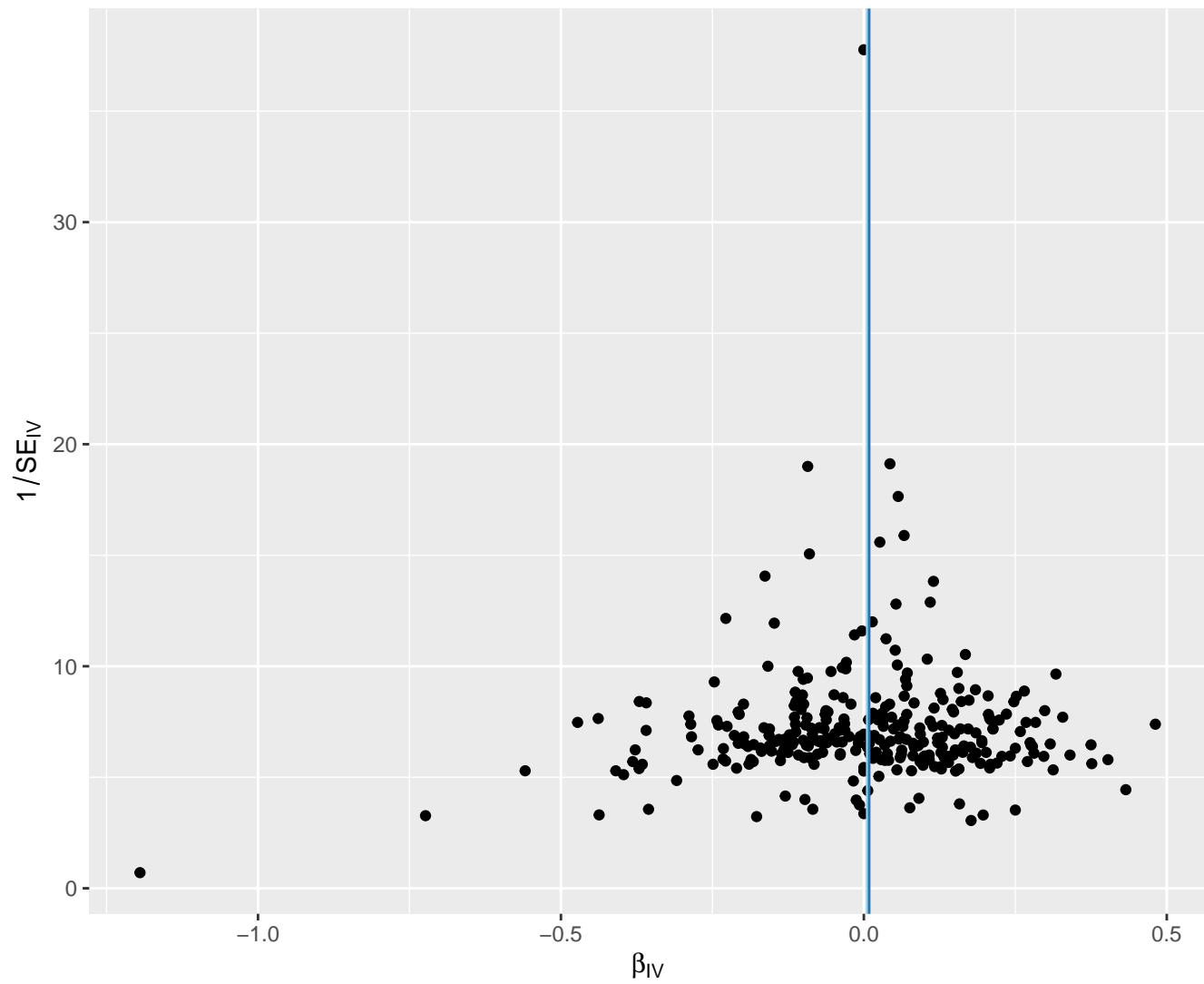
MR Egger



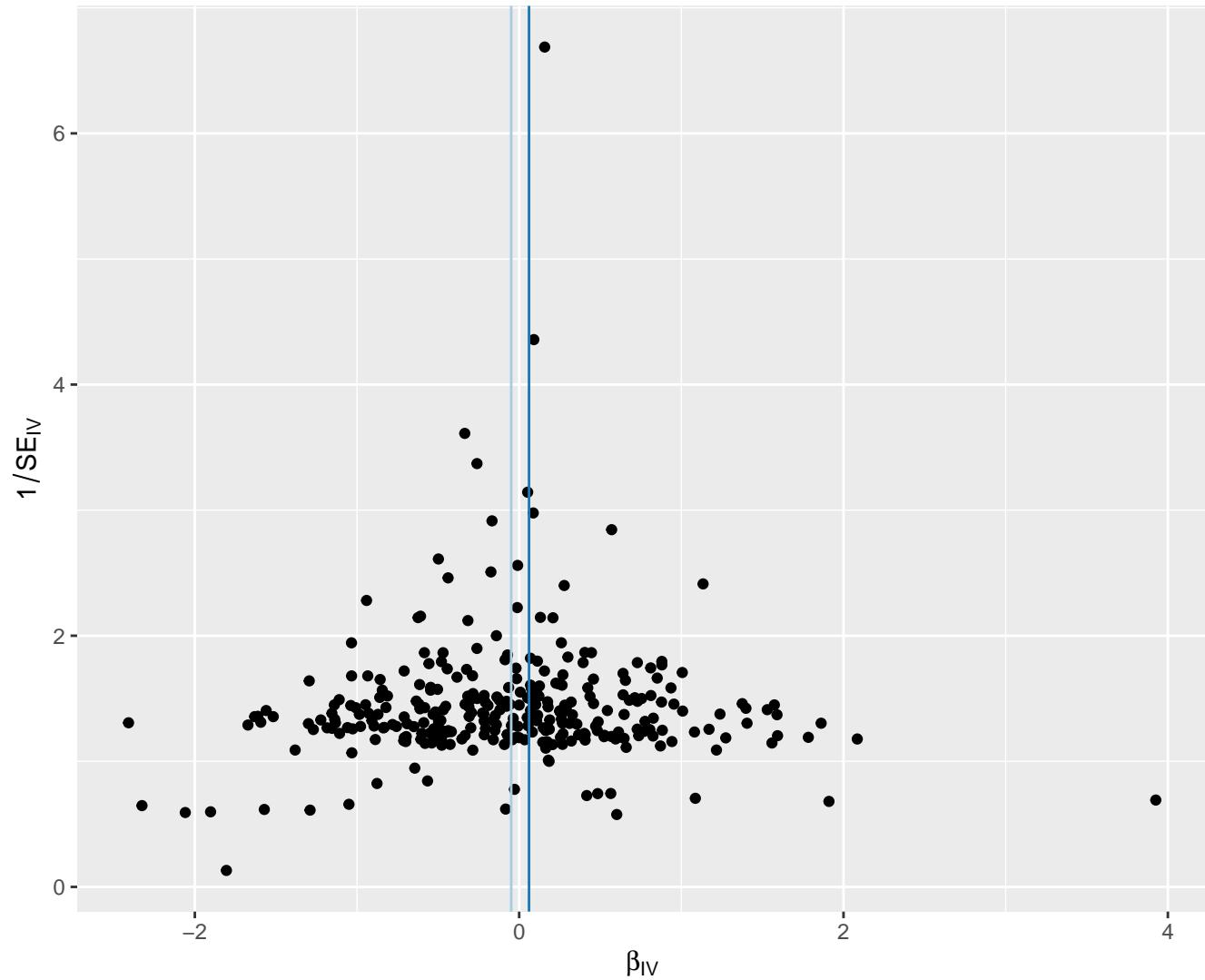
X-11423--O-sulfo-L-tyrosine

MR Method

- Inverse variance weighted
- MR Egger



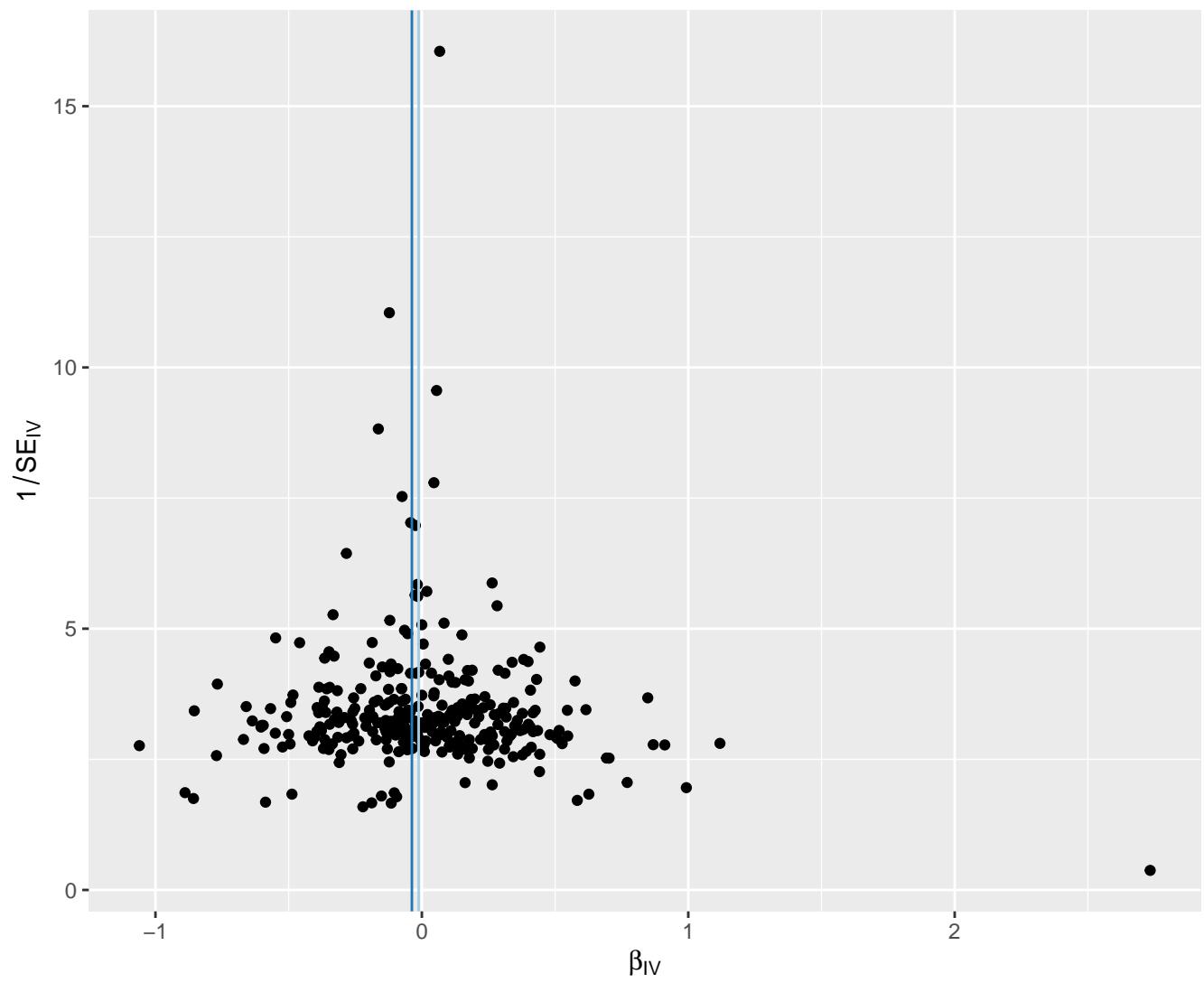
MR Method

 Inverse variance weighted MR Egger

MR Method

Inverse variance weighted

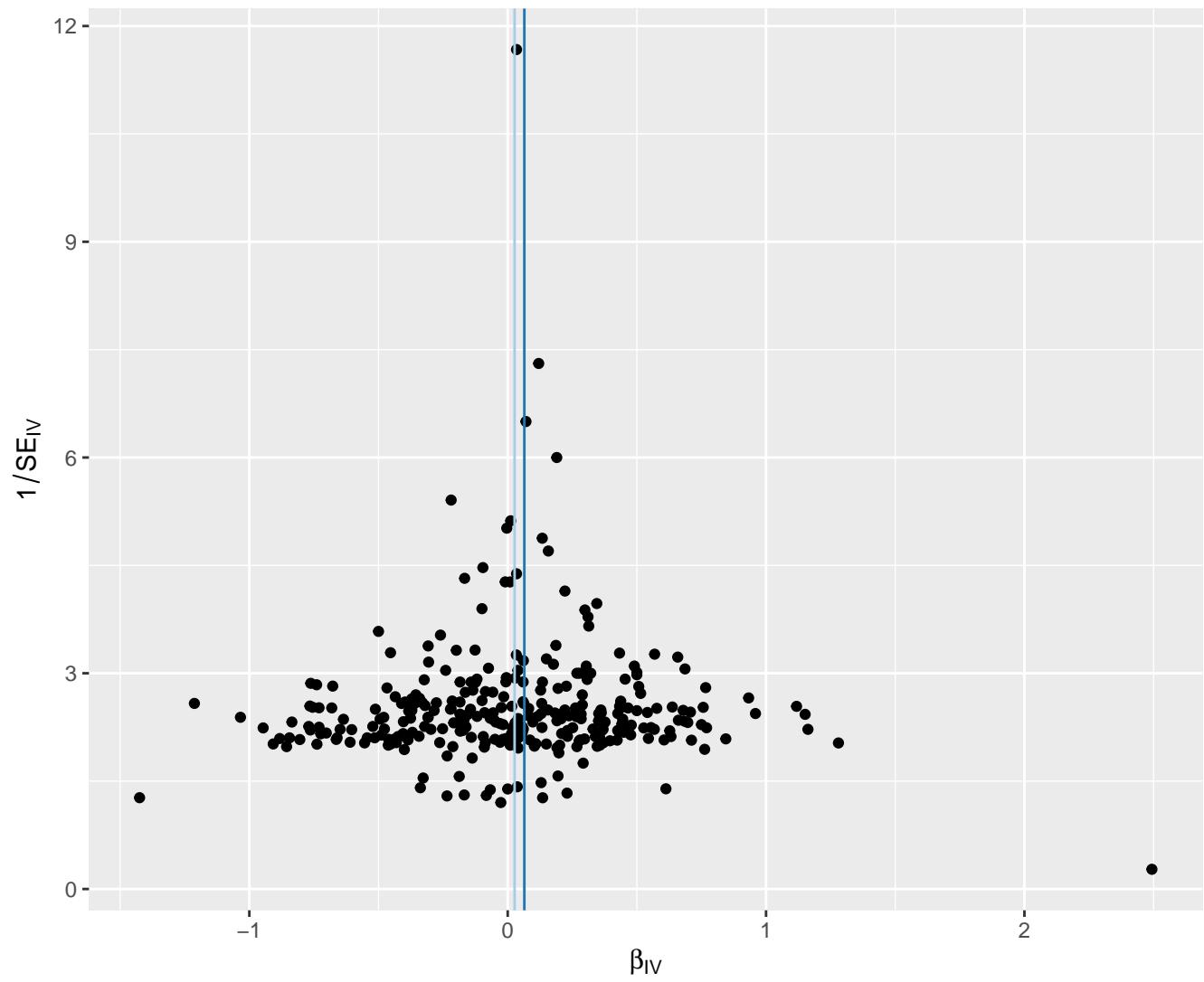
MR Egger



X-11440

MR Method

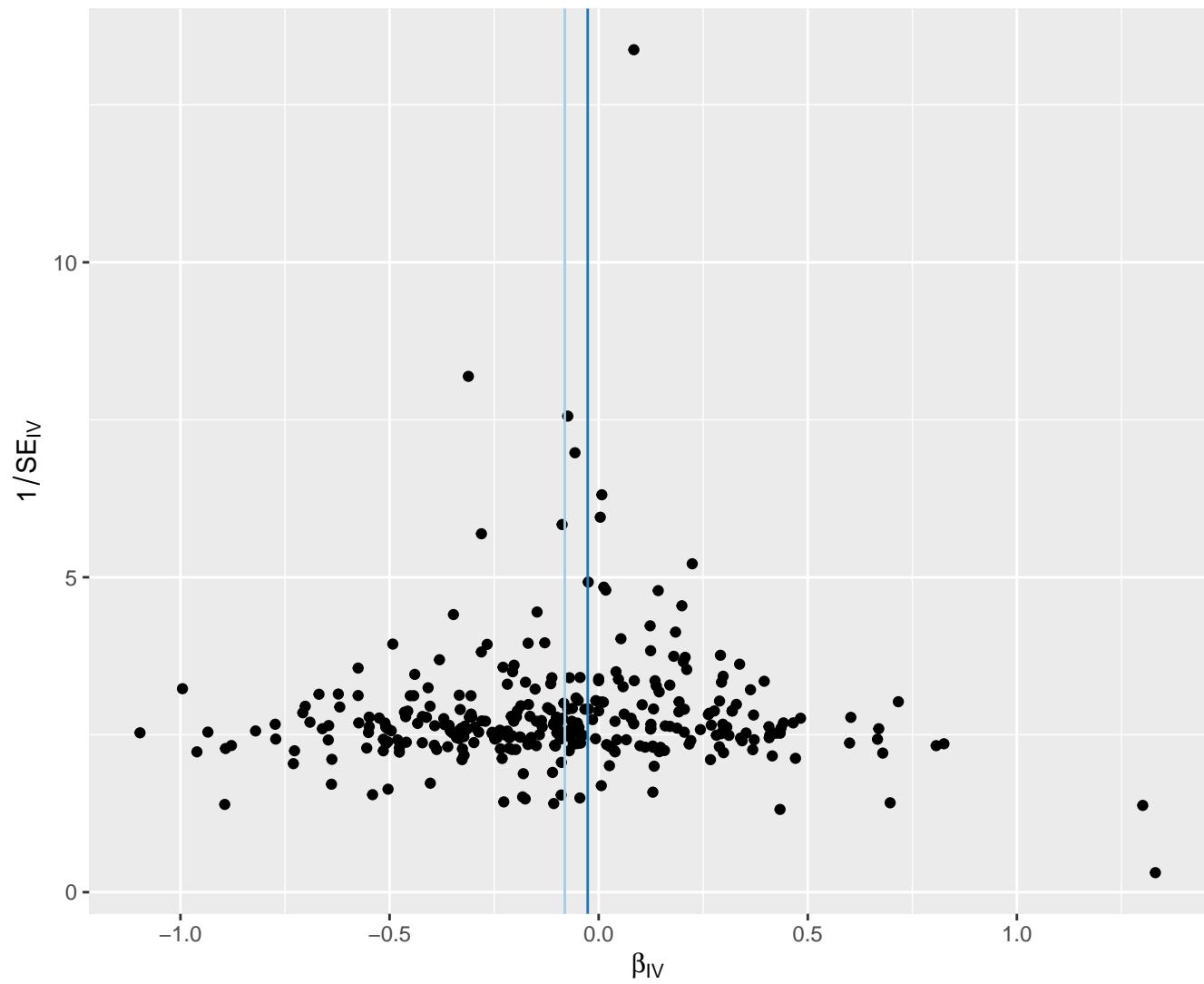
Inverse variance weighted
MR Egger



X-11441

MR Method

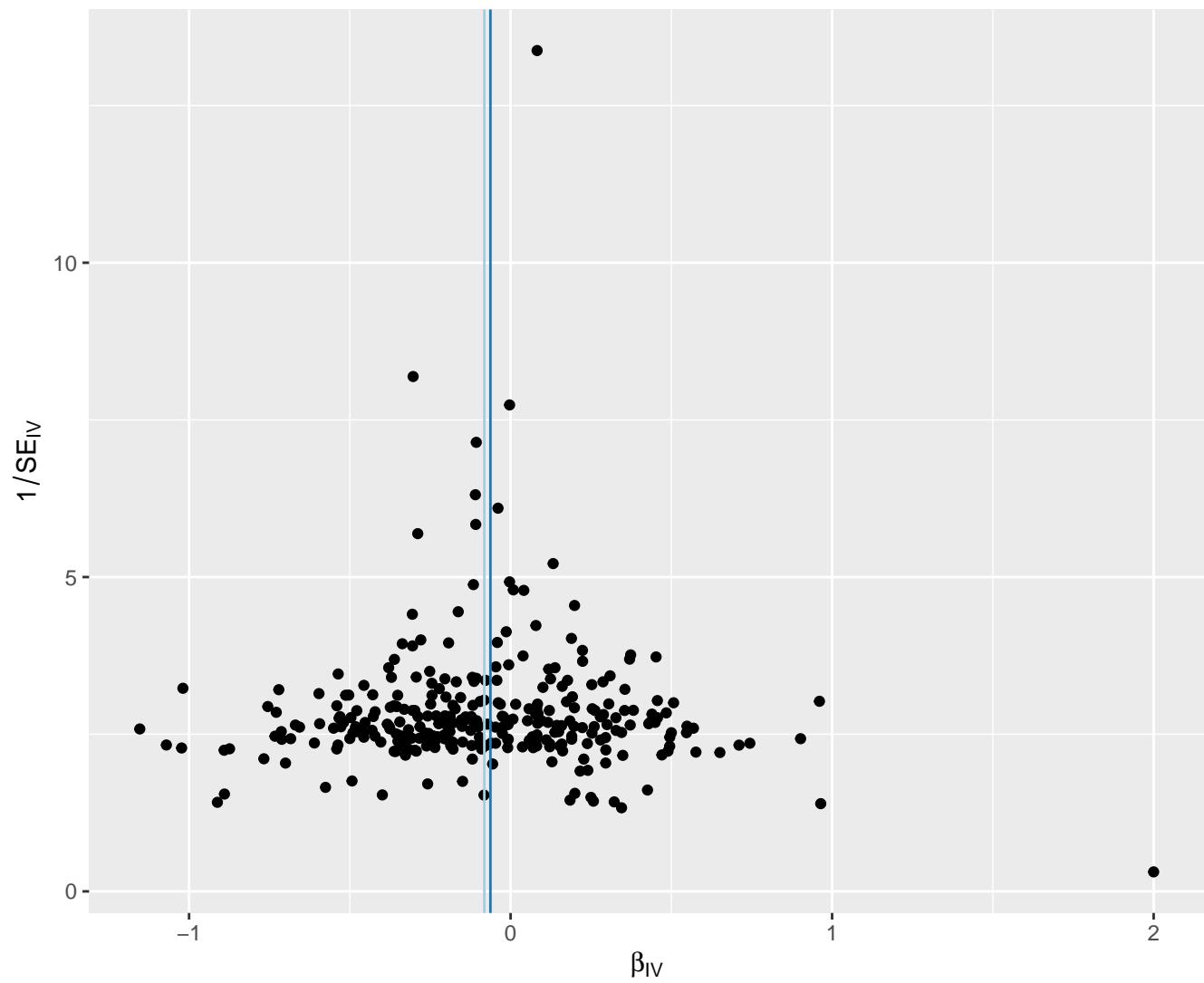
Inverse variance weighted
MR Egger



MR Method

 Inverse variance weighted

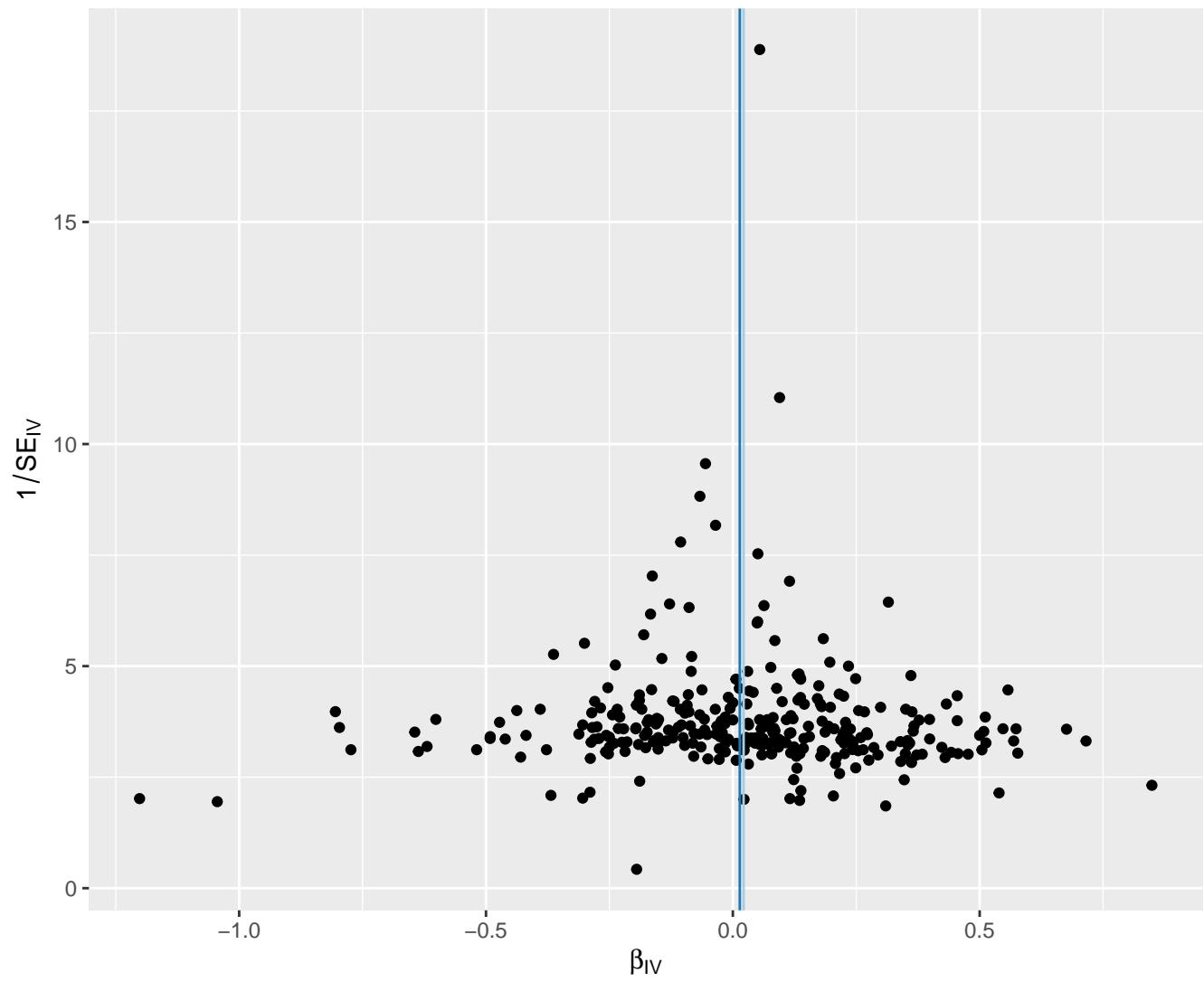
MR Egger



X-11444

MR Method

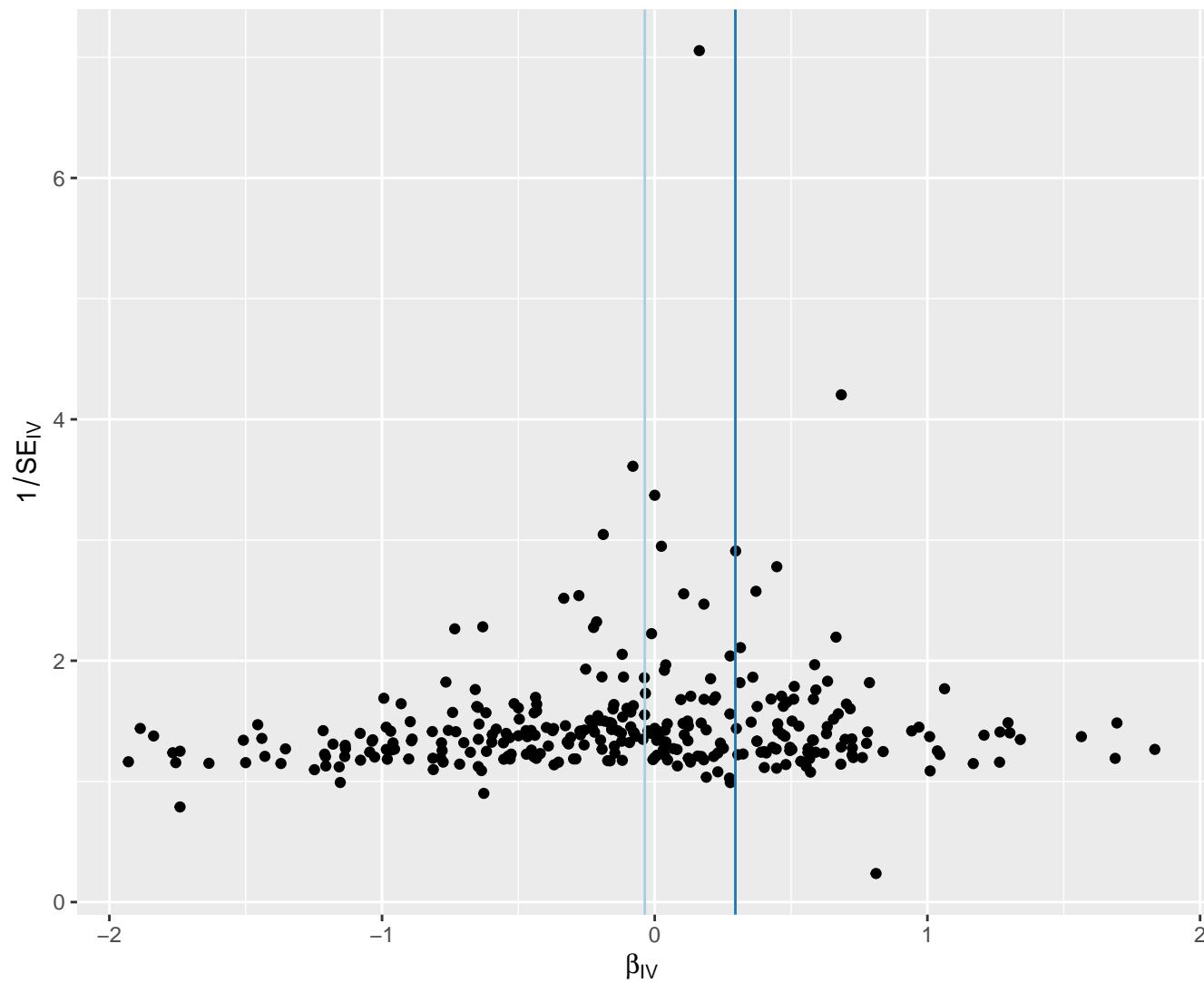
Inverse variance weighted
MR Egger



X-11445--5-alpha-pregnan-3beta,20alpha-disulfate

MR Method

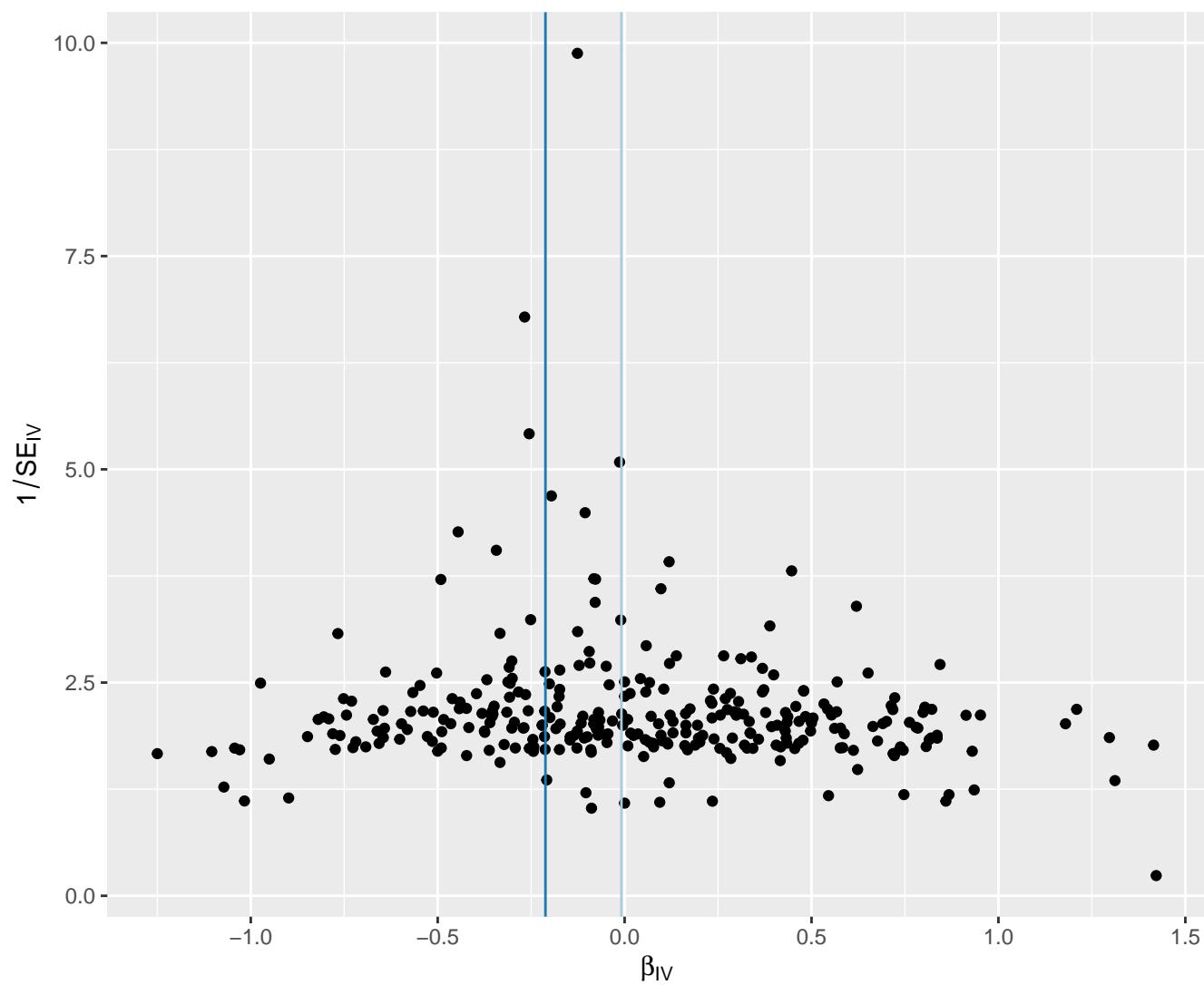
 Inverse variance weighted
 MR Egger



MR Method

 Inverse variance weighted

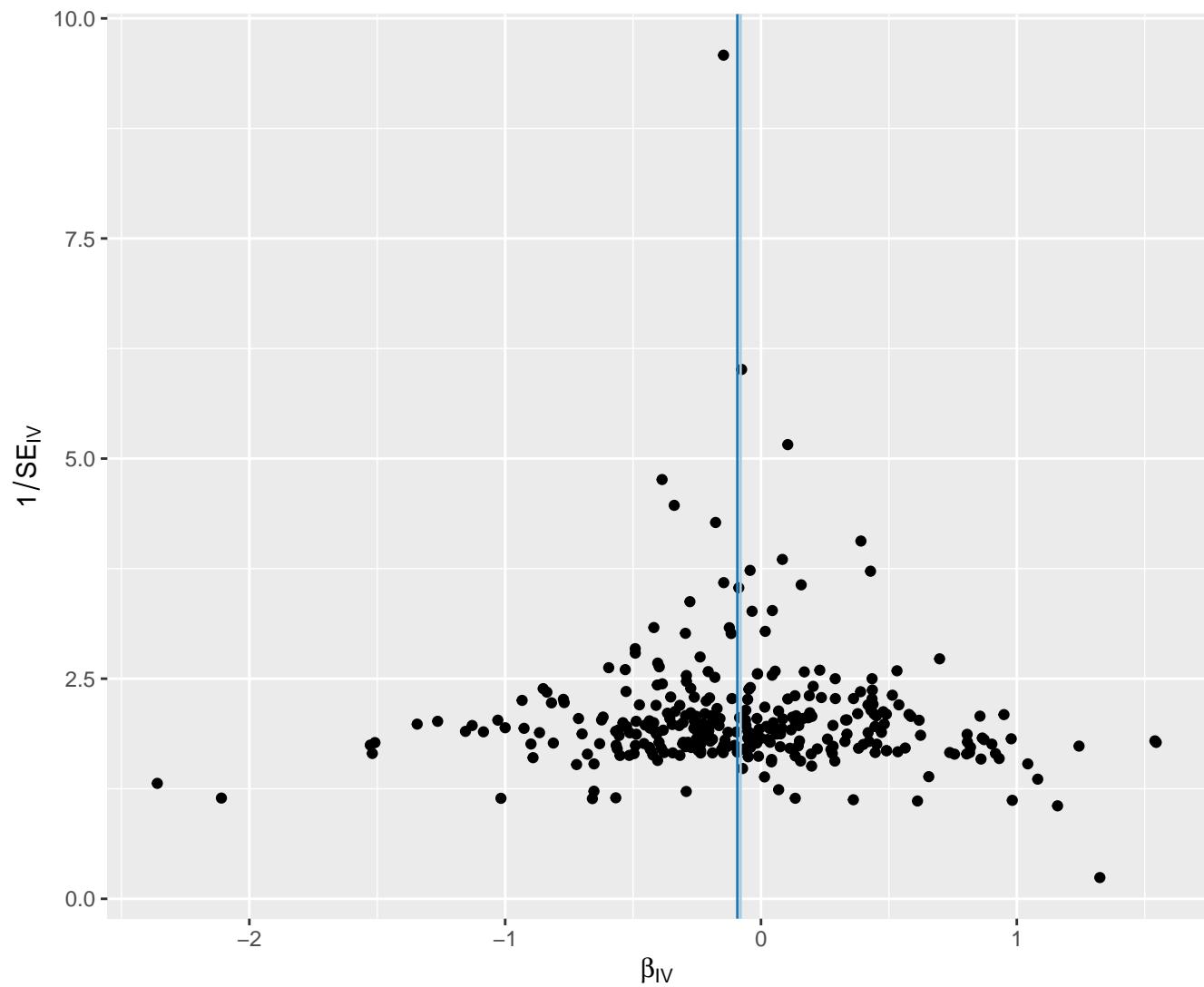
MR Egger



MR Method

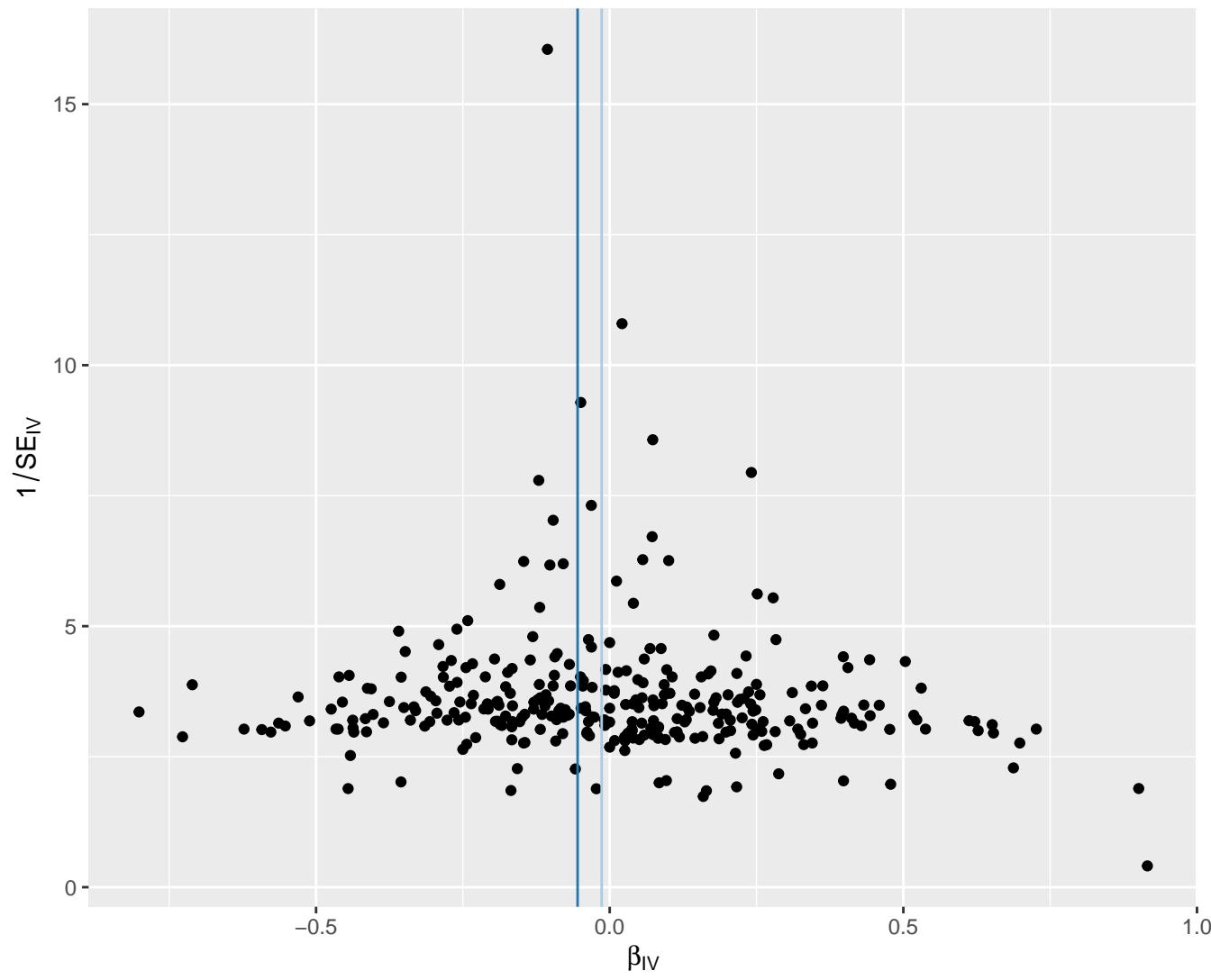
 Inverse variance weighted

MR Egger



MR Method

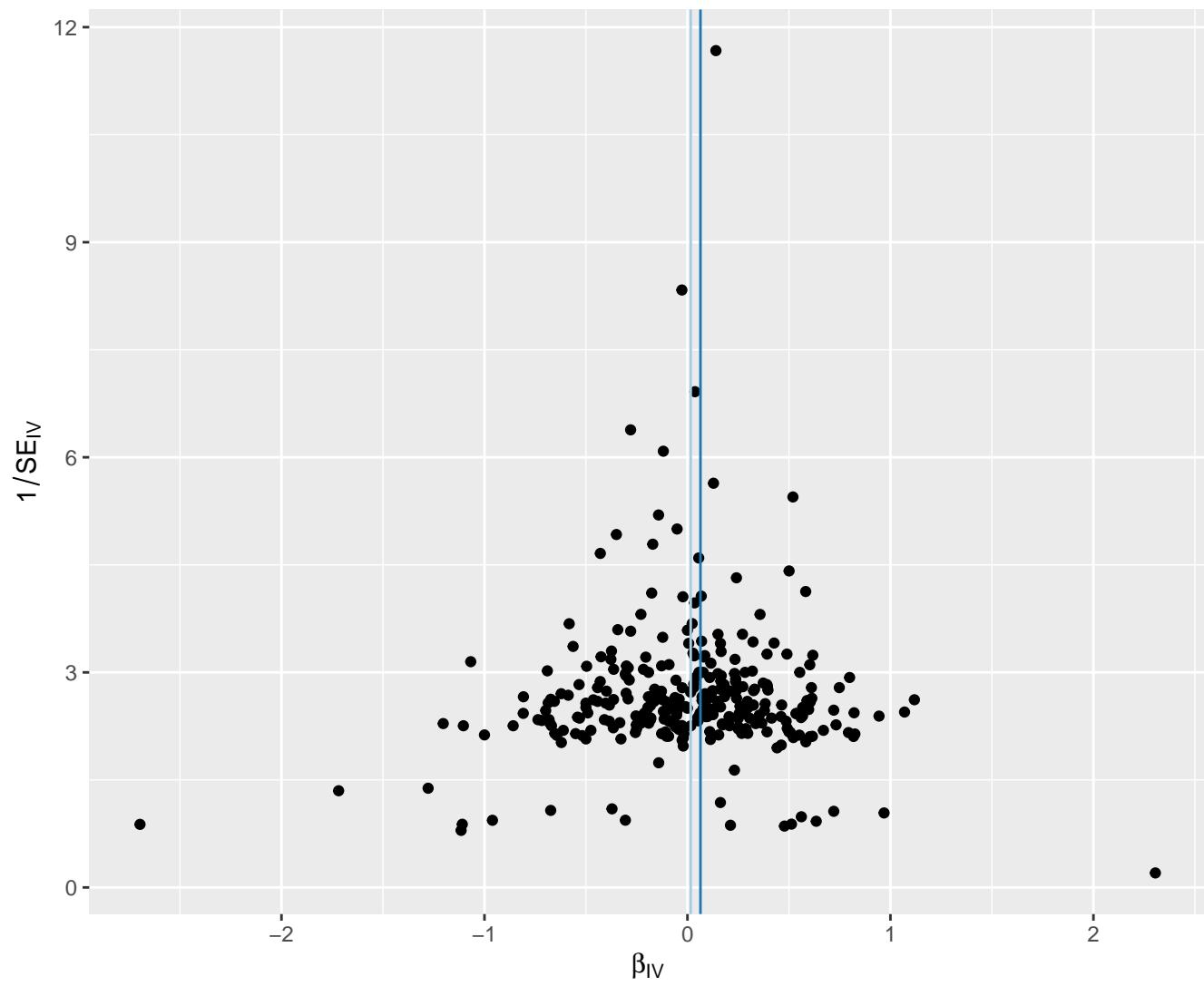
- Inverse variance weighted
- MR Egger



X-11478

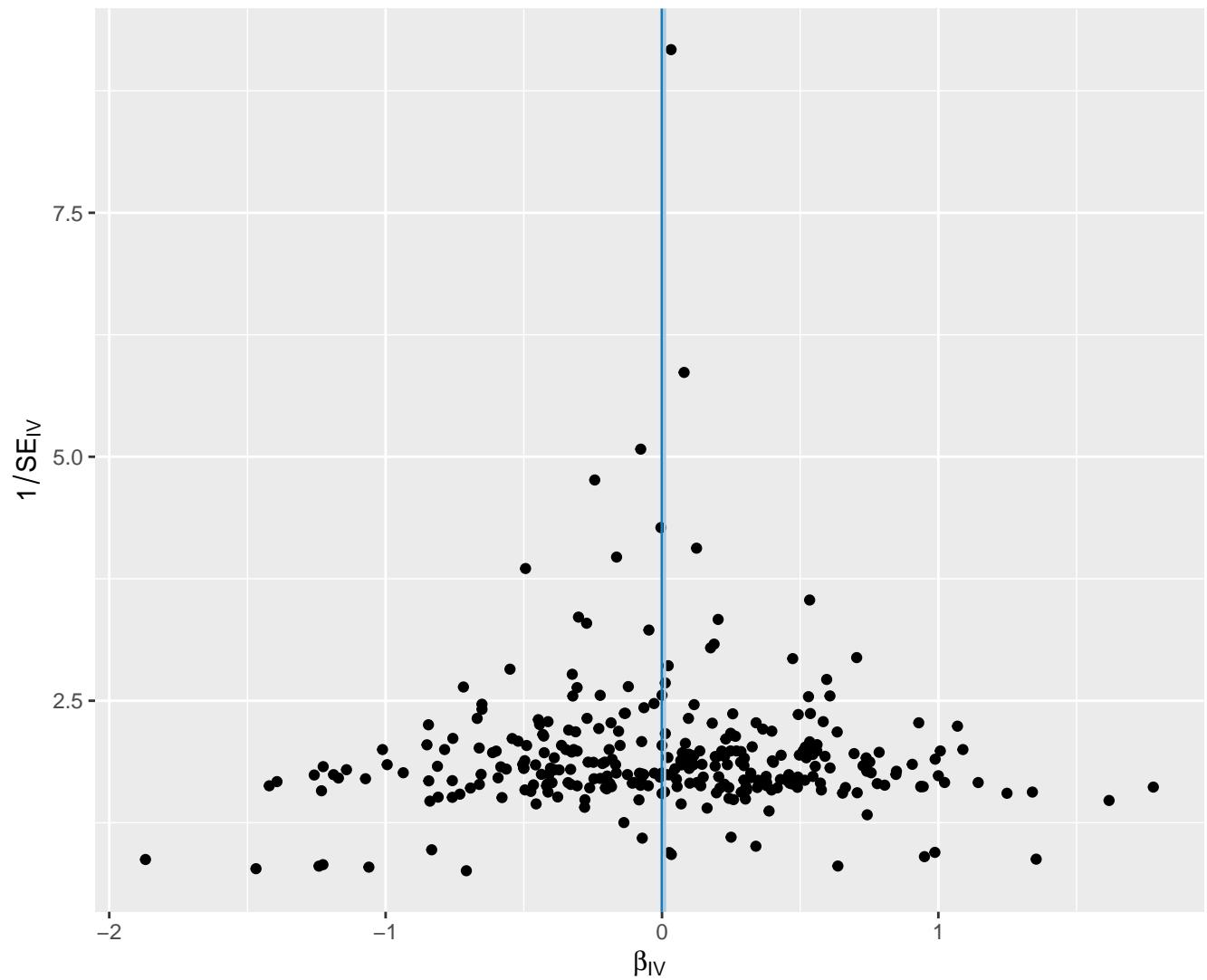
MR Method

Inverse variance weighted
MR Egger



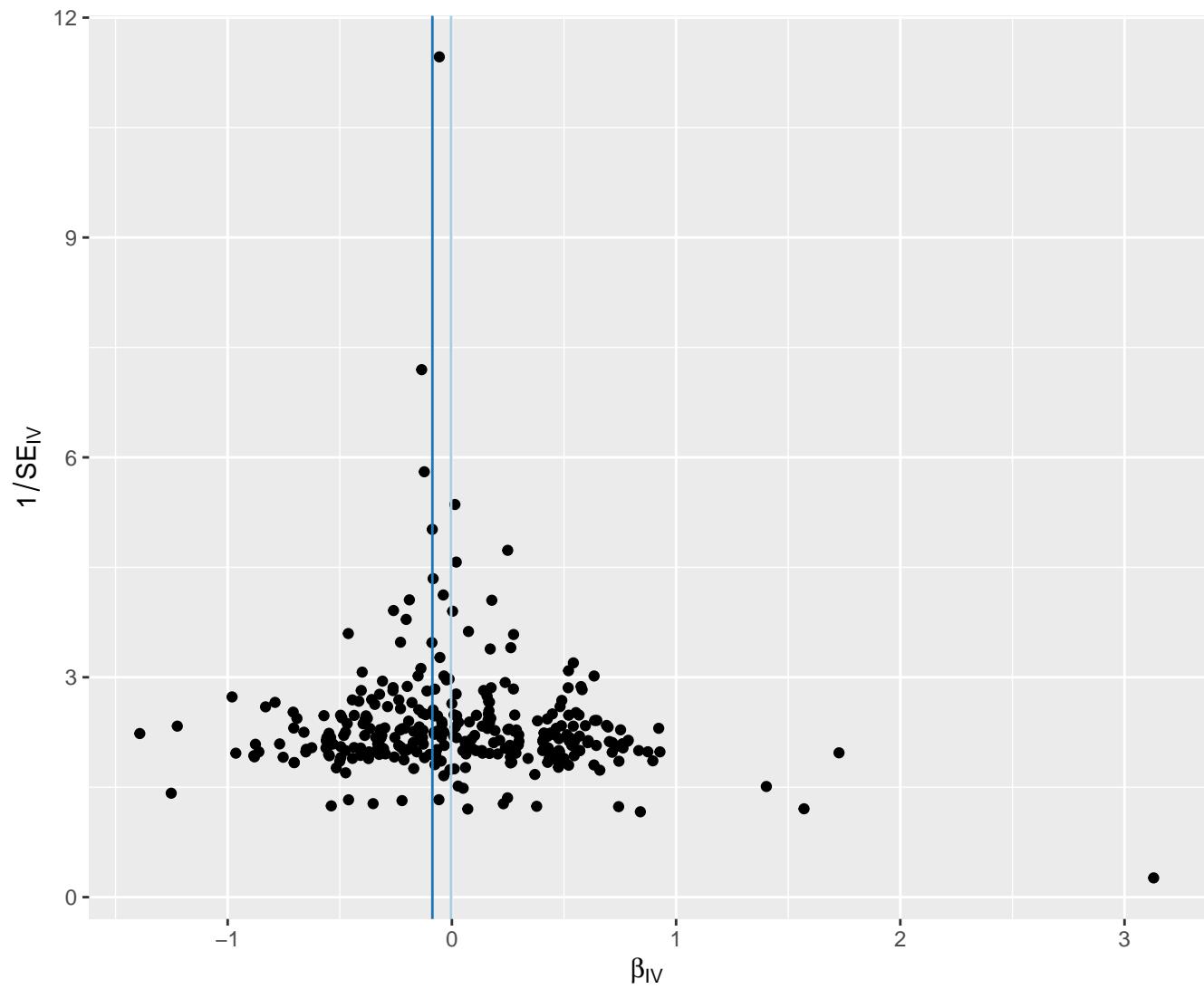
MR Method

- Inverse variance weighted
- MR Egger



MR Method

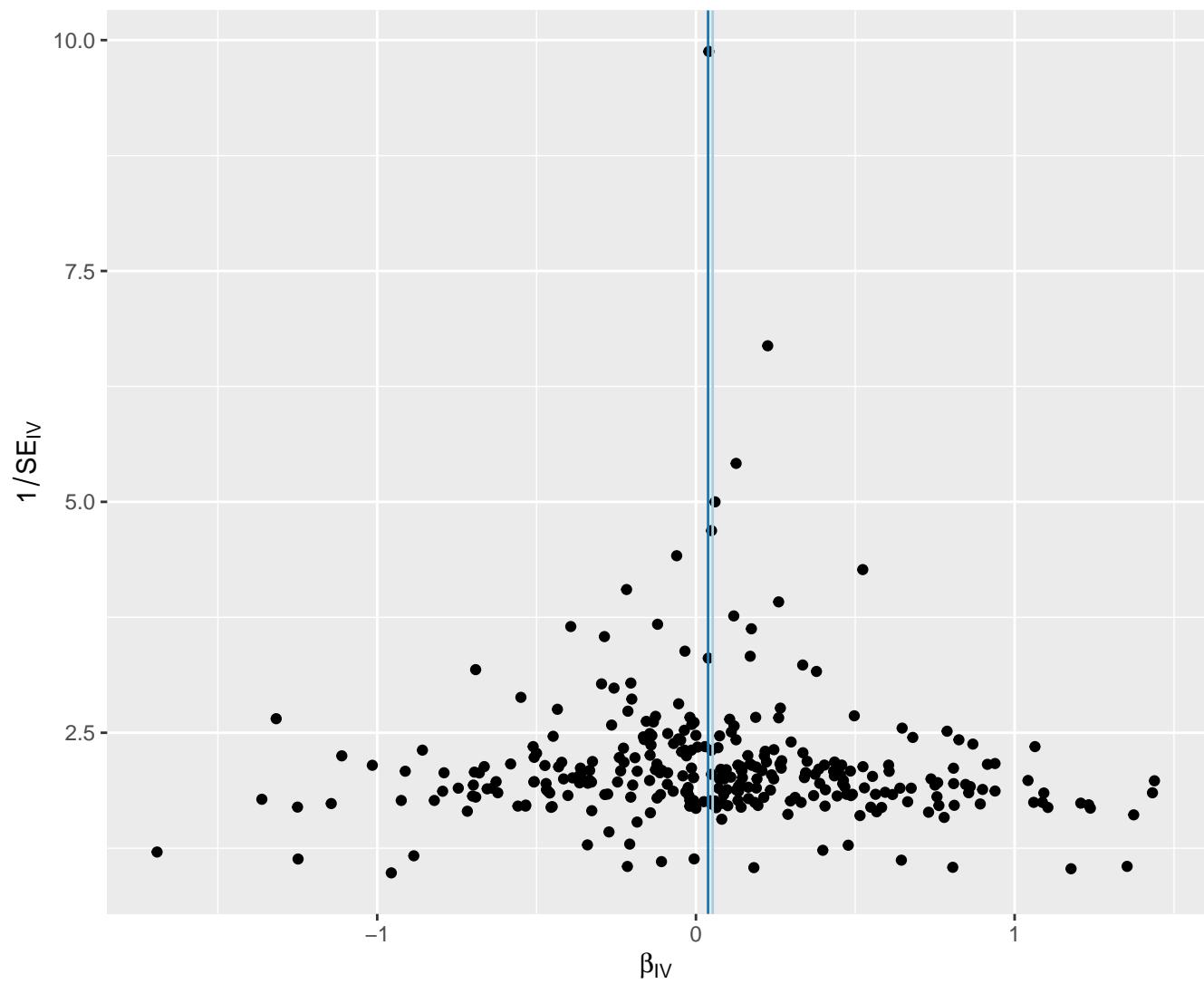
- Inverse variance weighted
- MR Egger



MR Method

 Inverse variance weighted

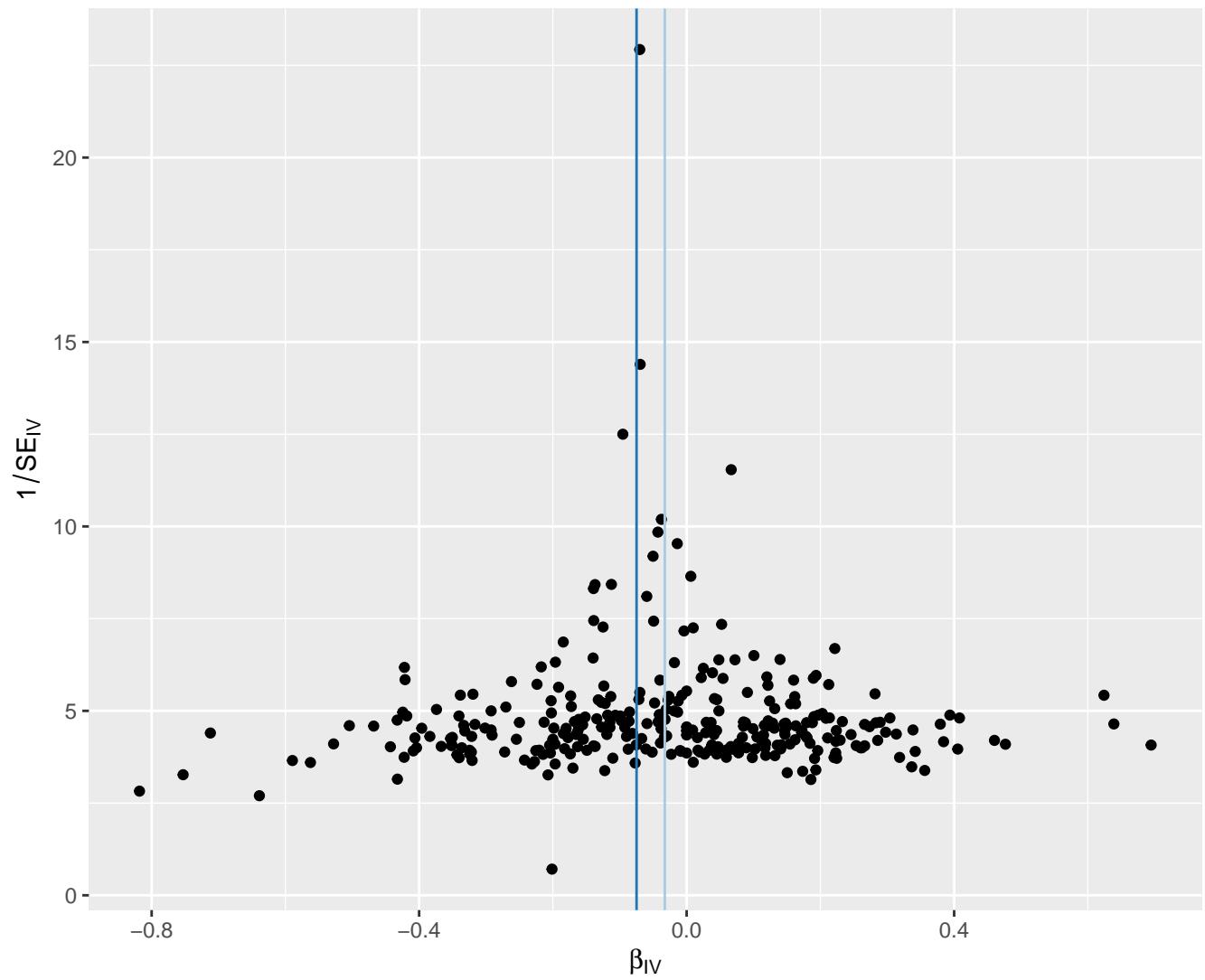
MR Egger



X-11497

MR Method

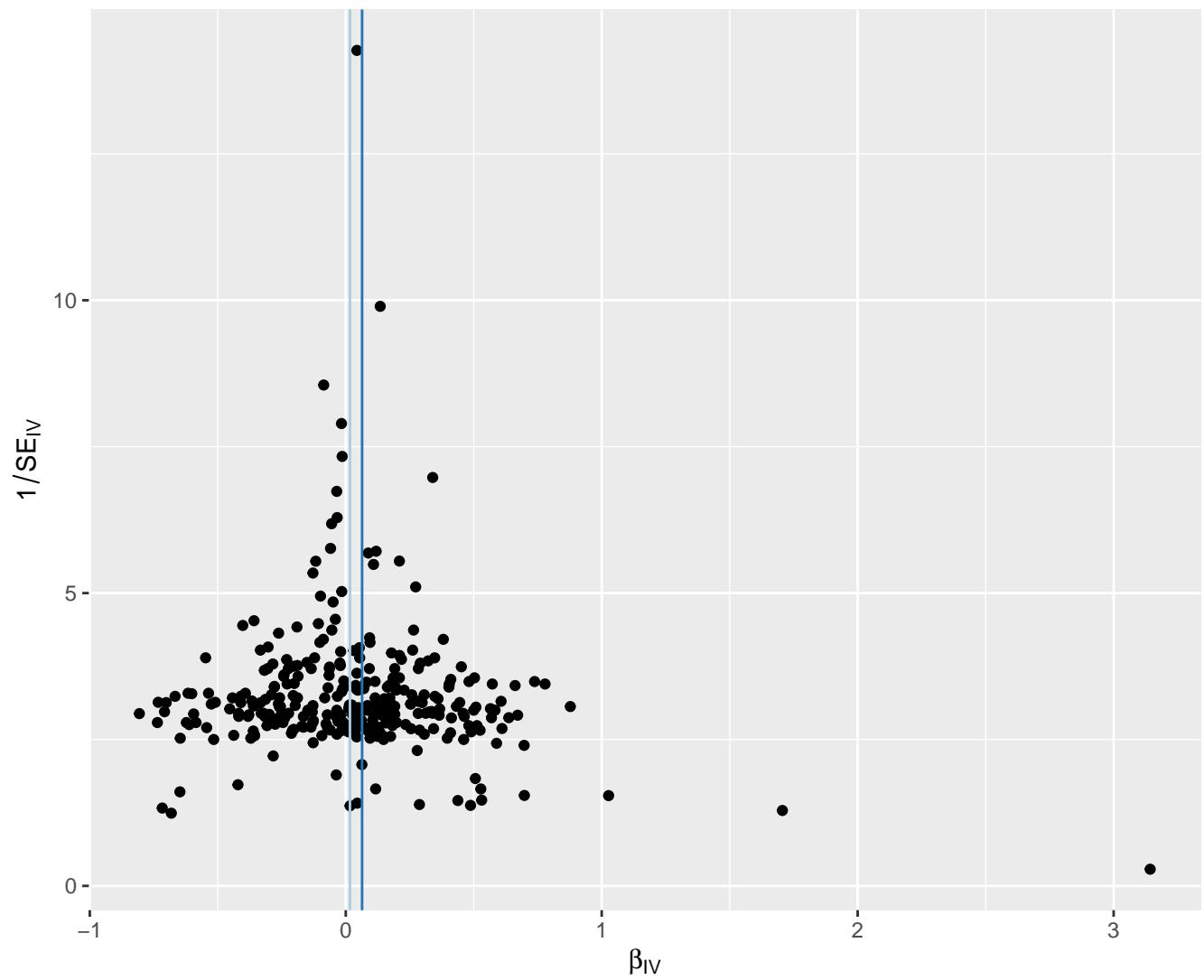
Inverse variance weighted
MR Egger



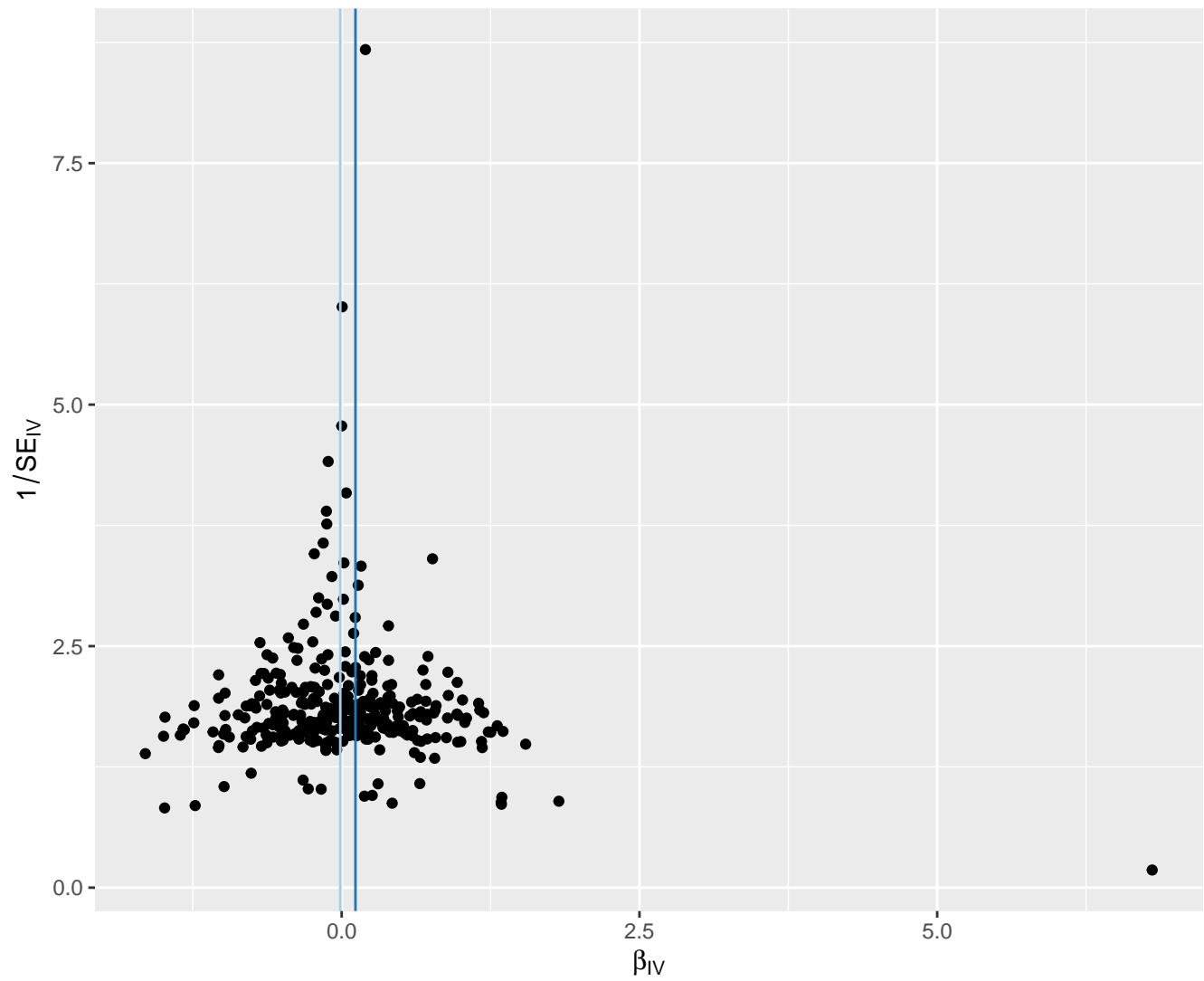
MR Method

Inverse variance weighted

MR Egger



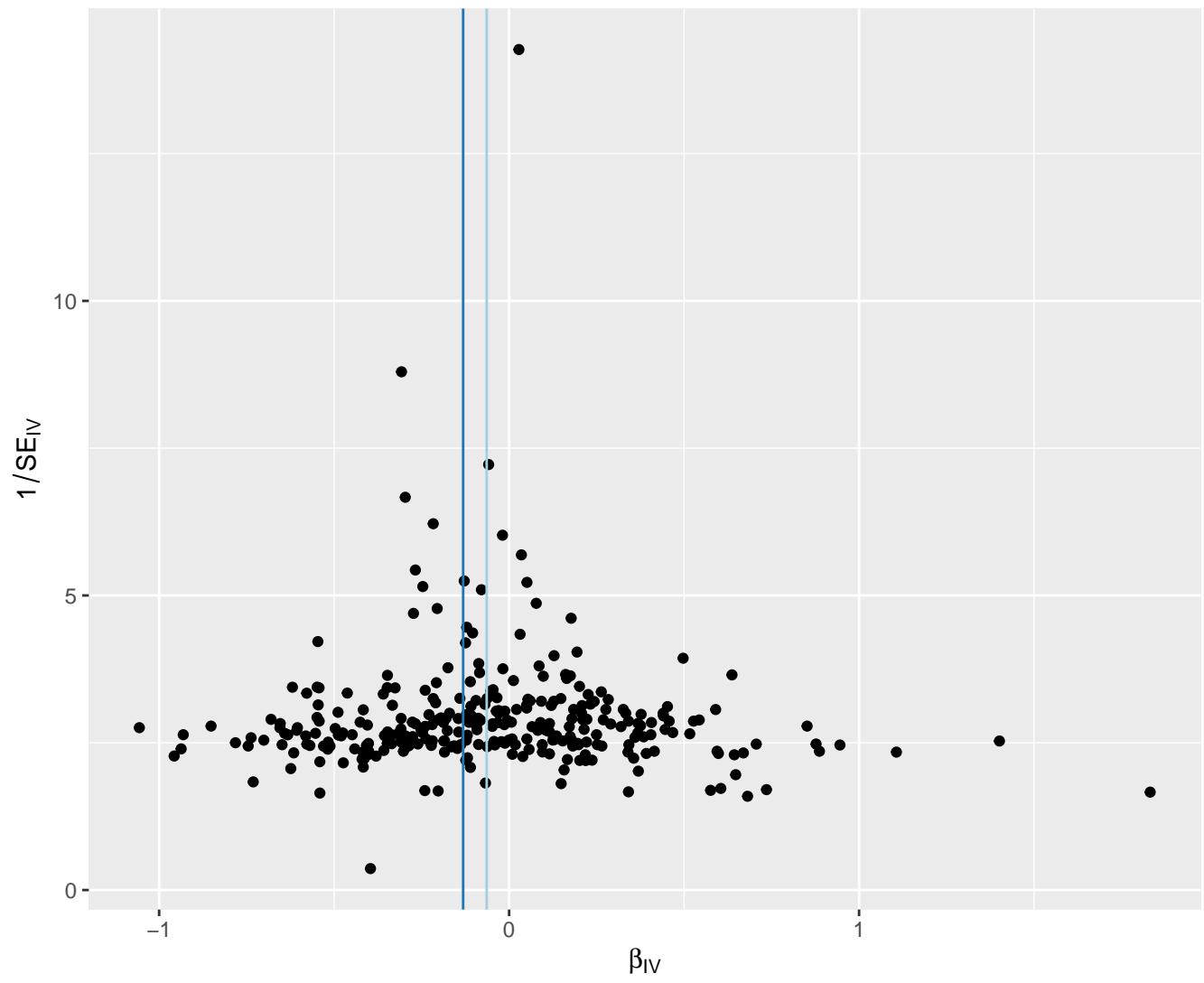
MR Method

 Inverse variance weighted MR Egger

X-11530

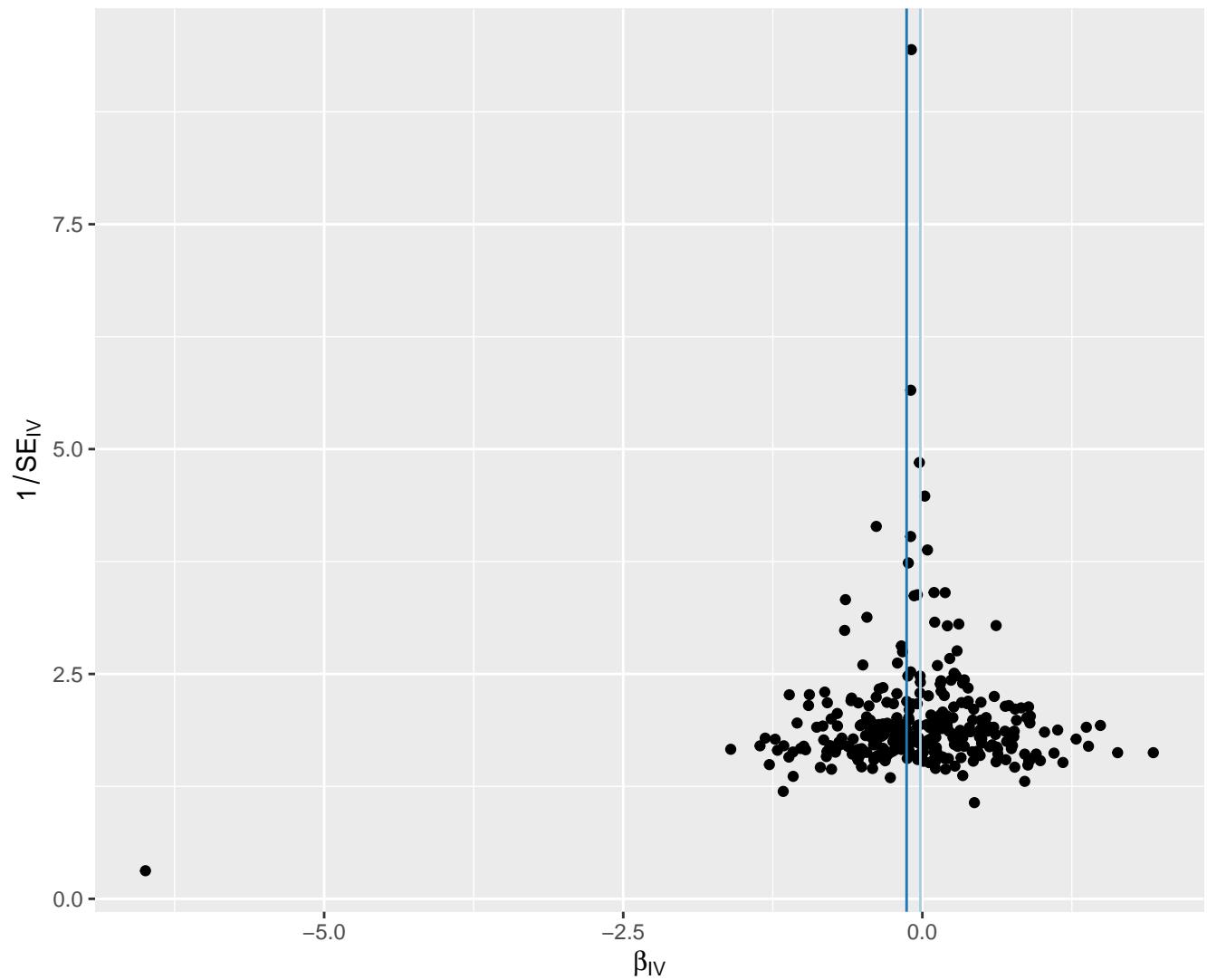
MR Method

Inverse variance weighted
MR Egger



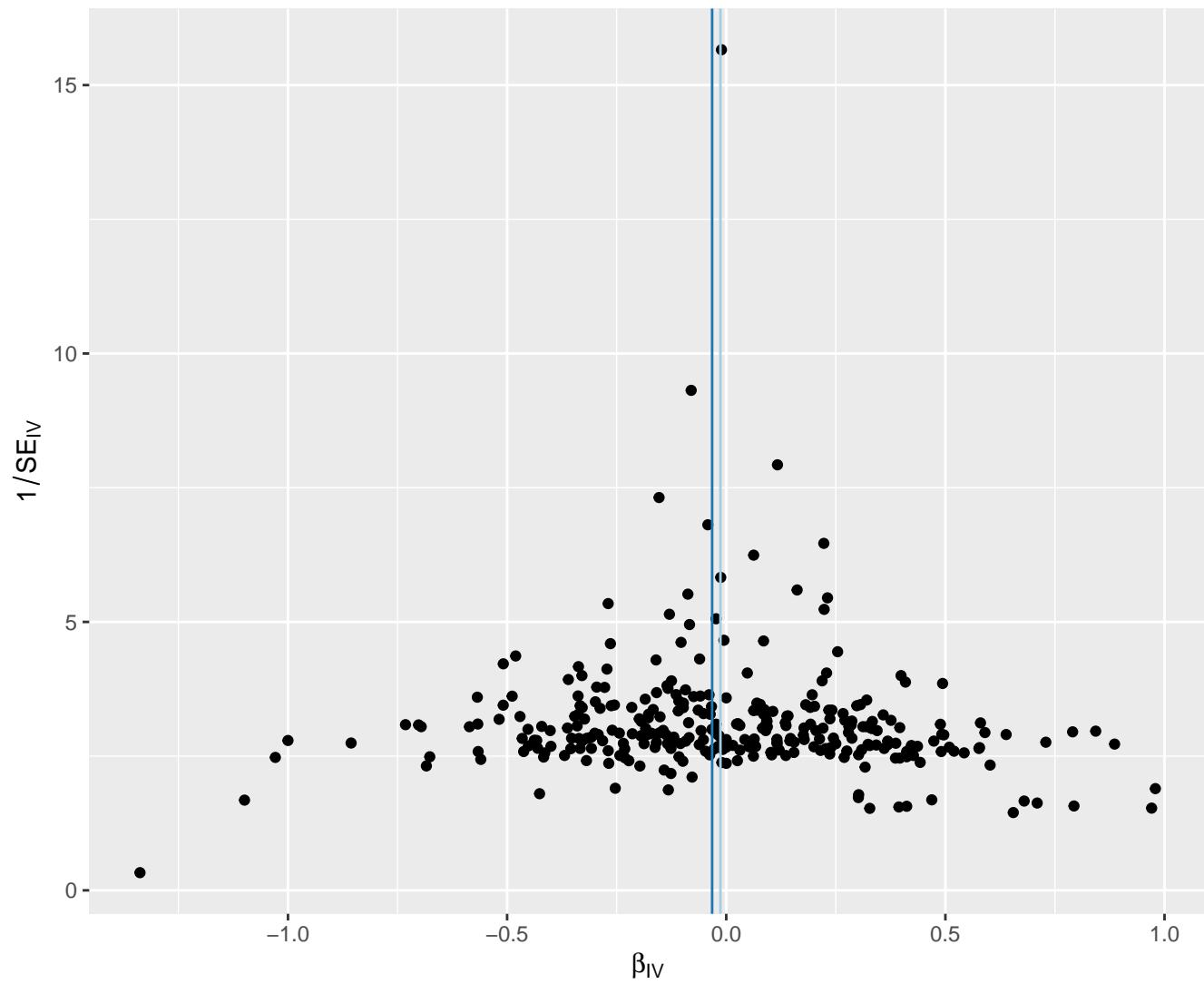
MR Method

- Inverse variance weighted
- MR Egger



MR Method

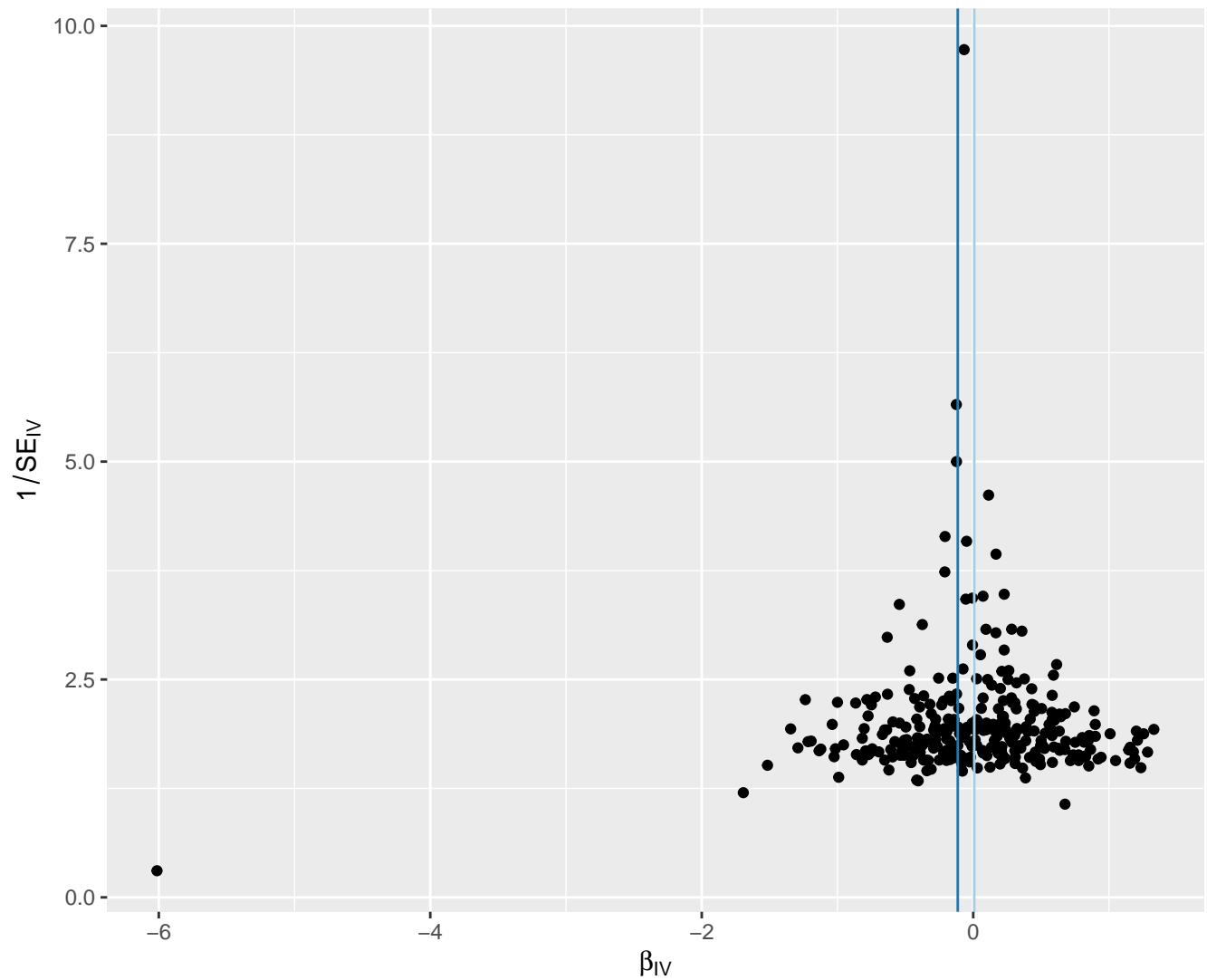
- Inverse variance weighted
- MR Egger



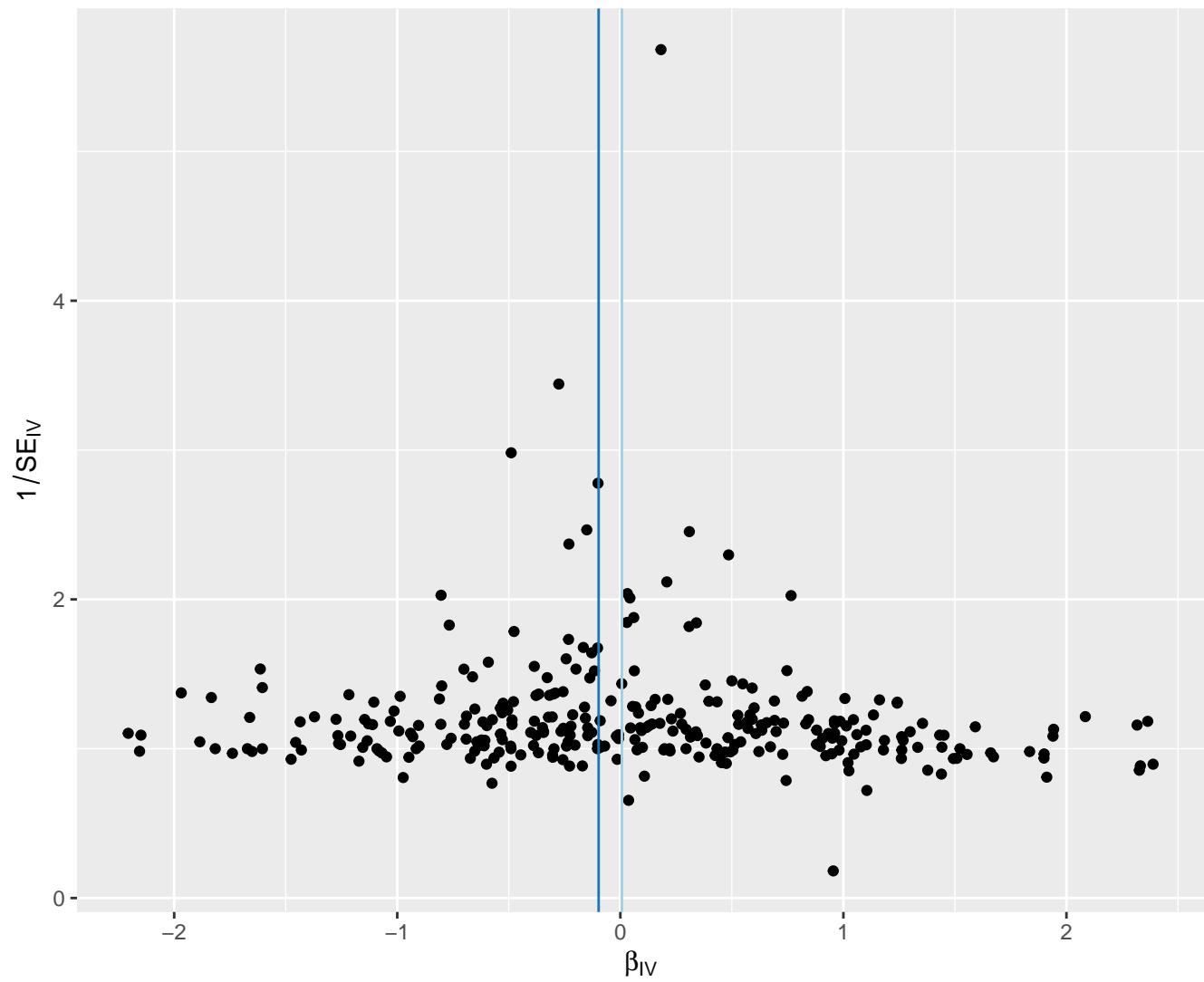
MR Method

 Inverse variance weighted

MR Egger



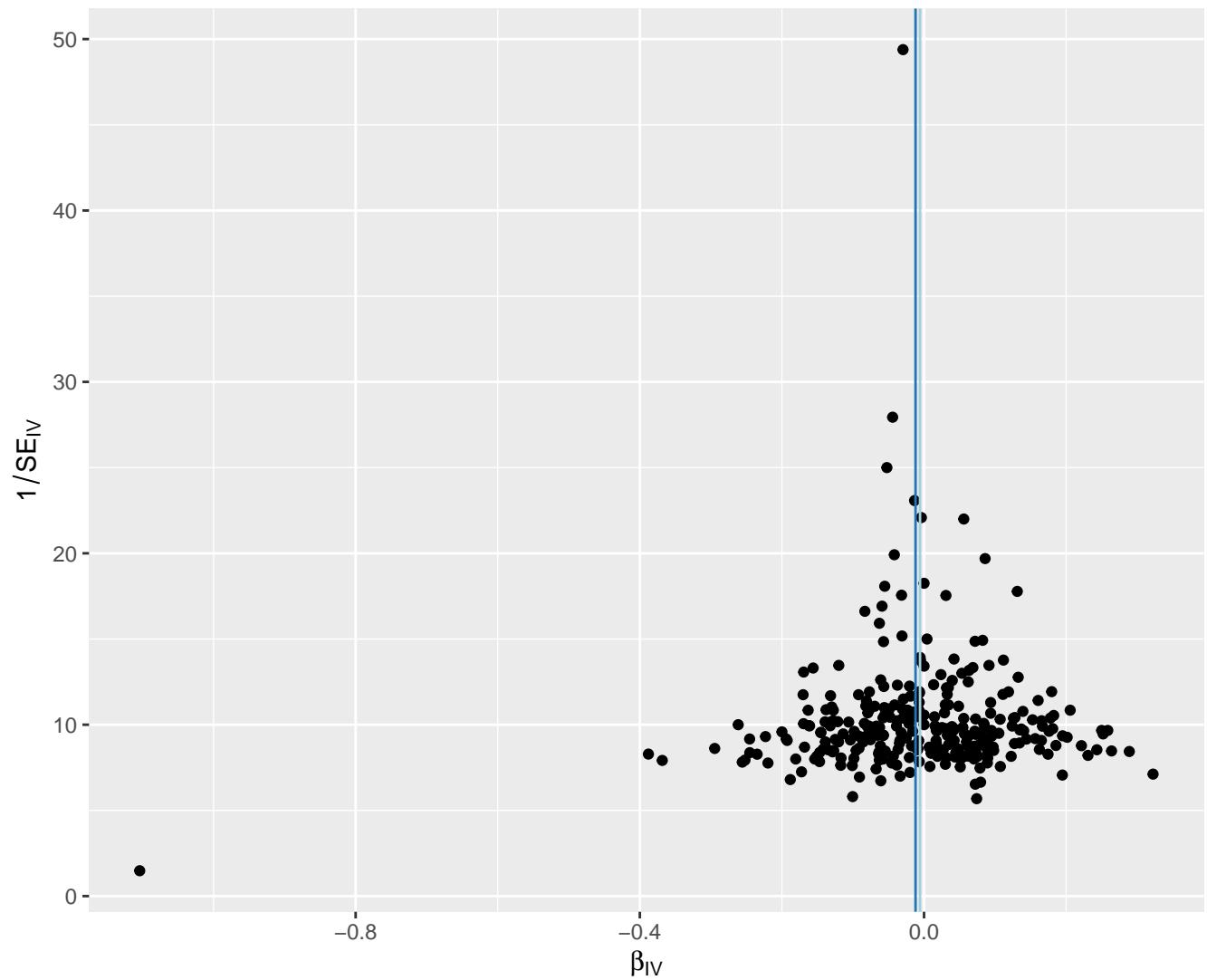
MR Method

 Inverse variance weighted MR Egger

X-11550

MR Method

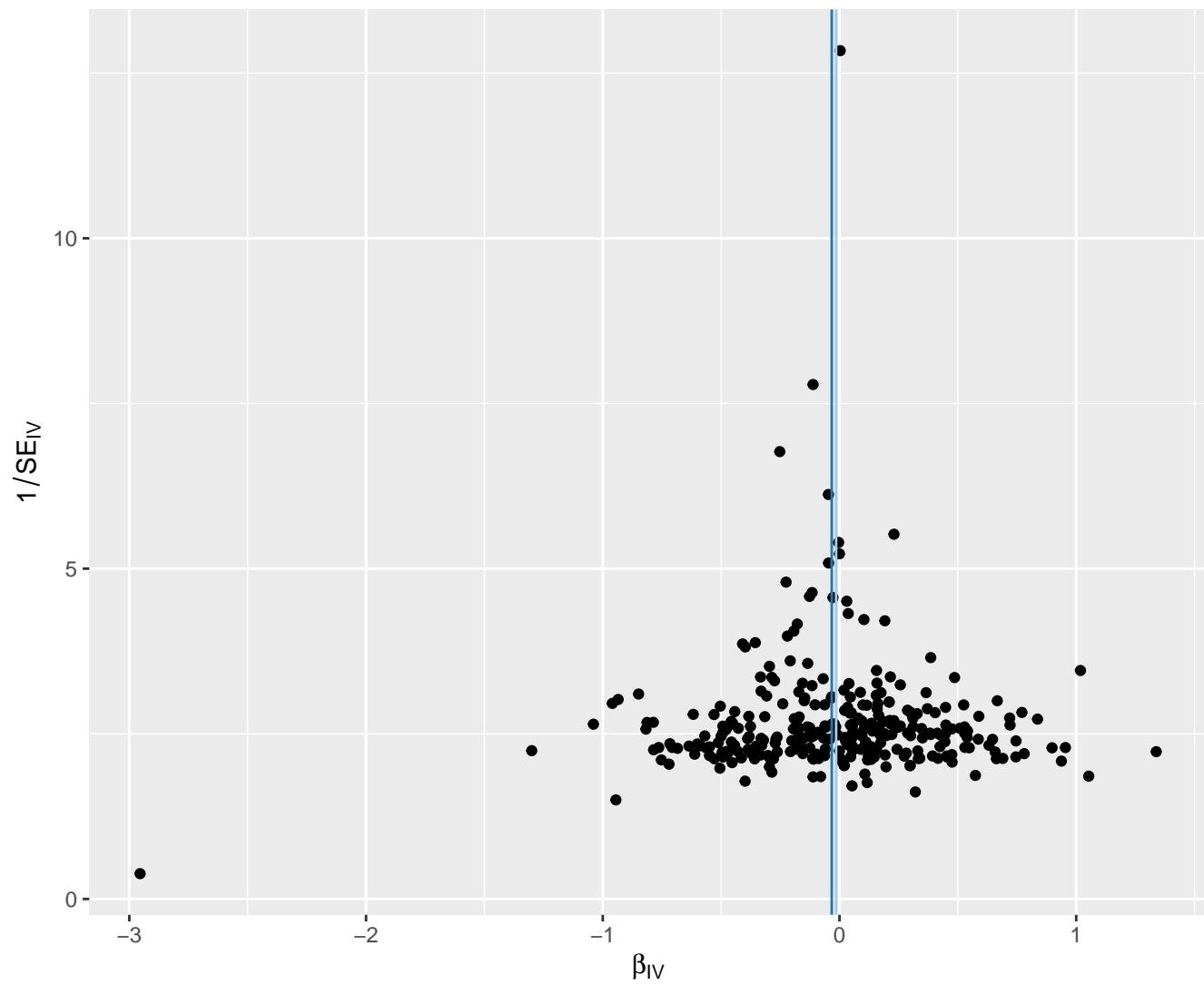
- Inverse variance weighted
- MR Egger



X-11552

MR Method

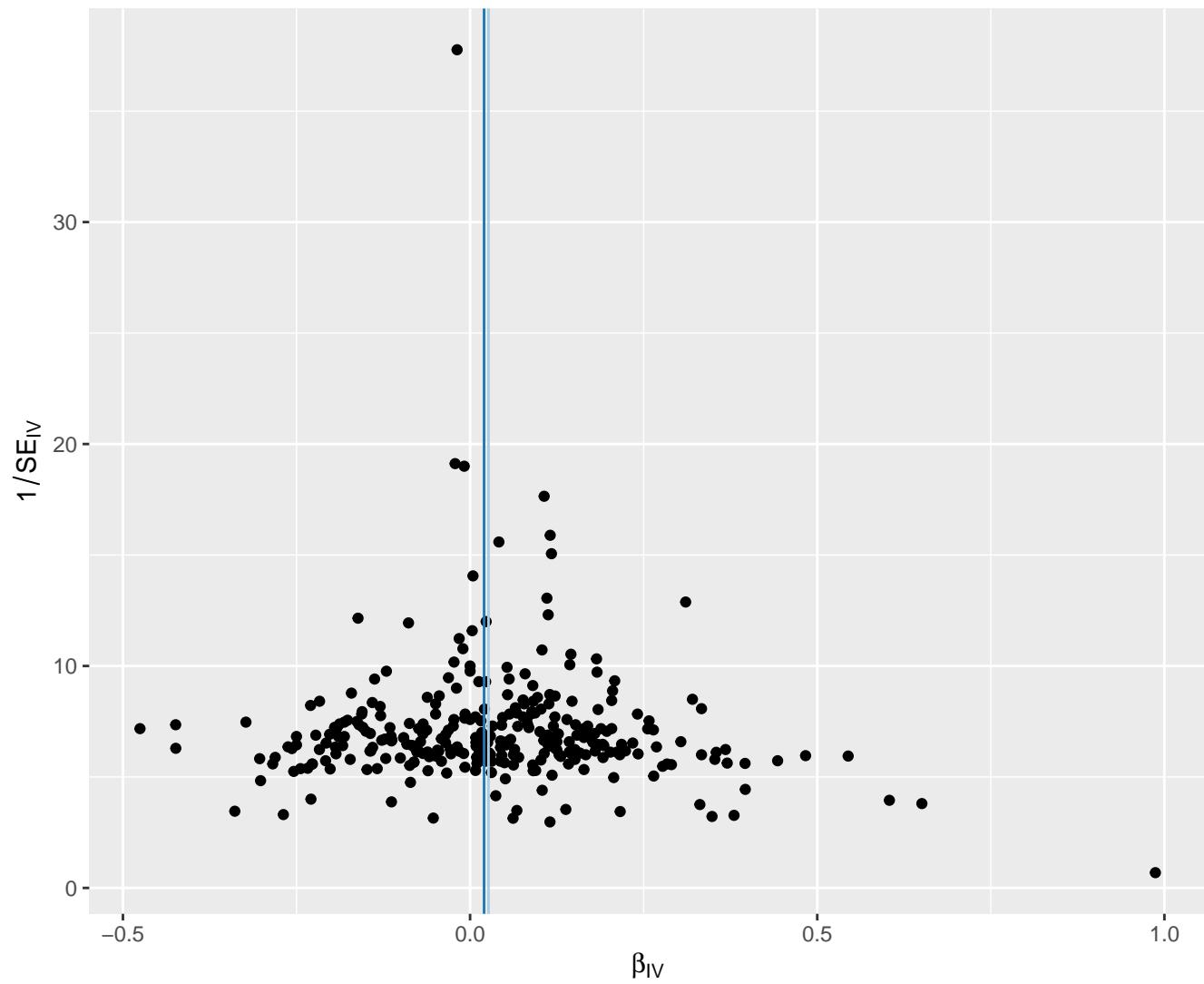
 Inverse variance weighted
 MR Egger



X-11593--O-methylascorbate*

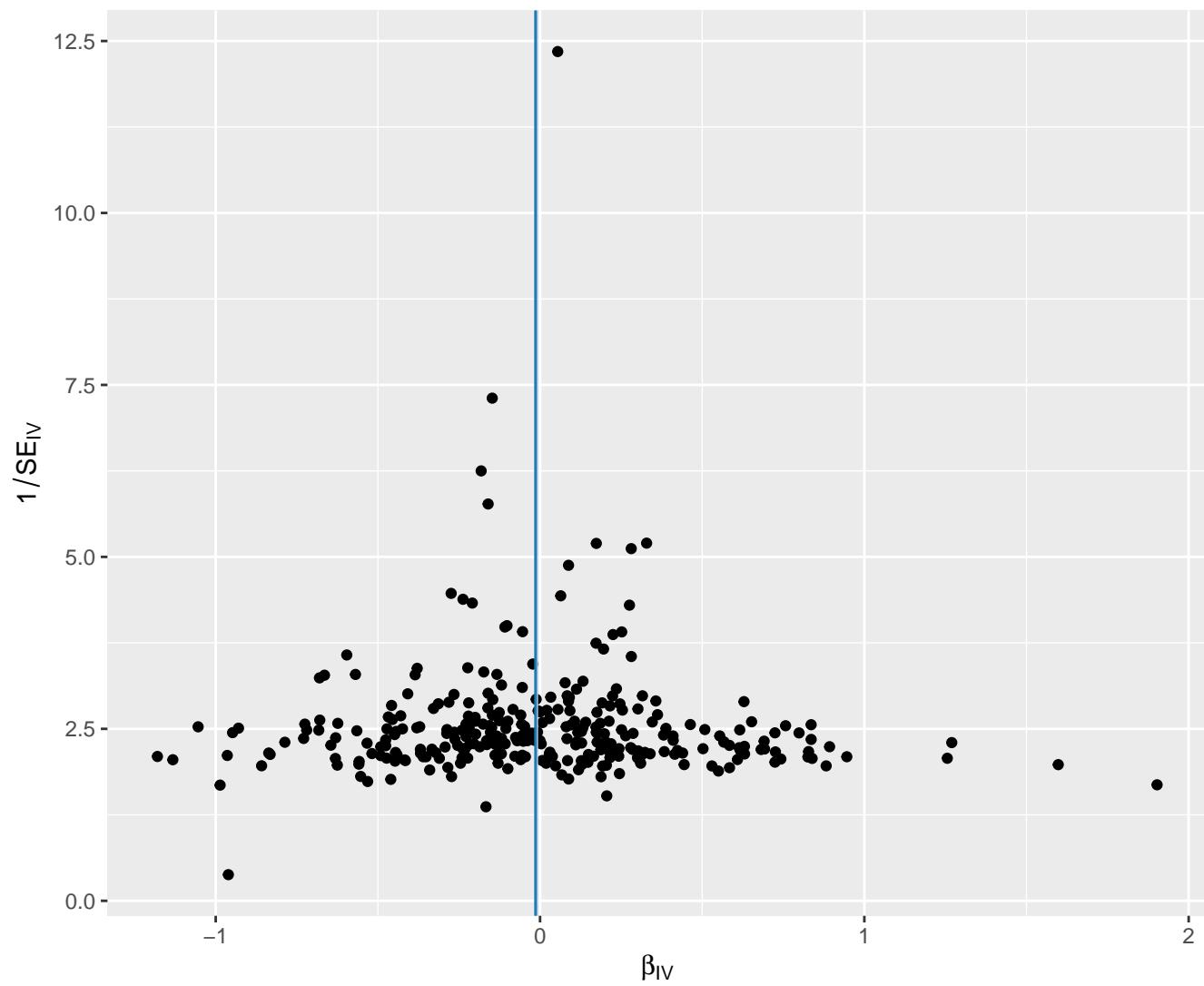
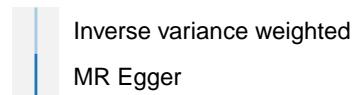
MR Method

- Inverse variance weighted
- MR Egger



X-11786--methylcysteine

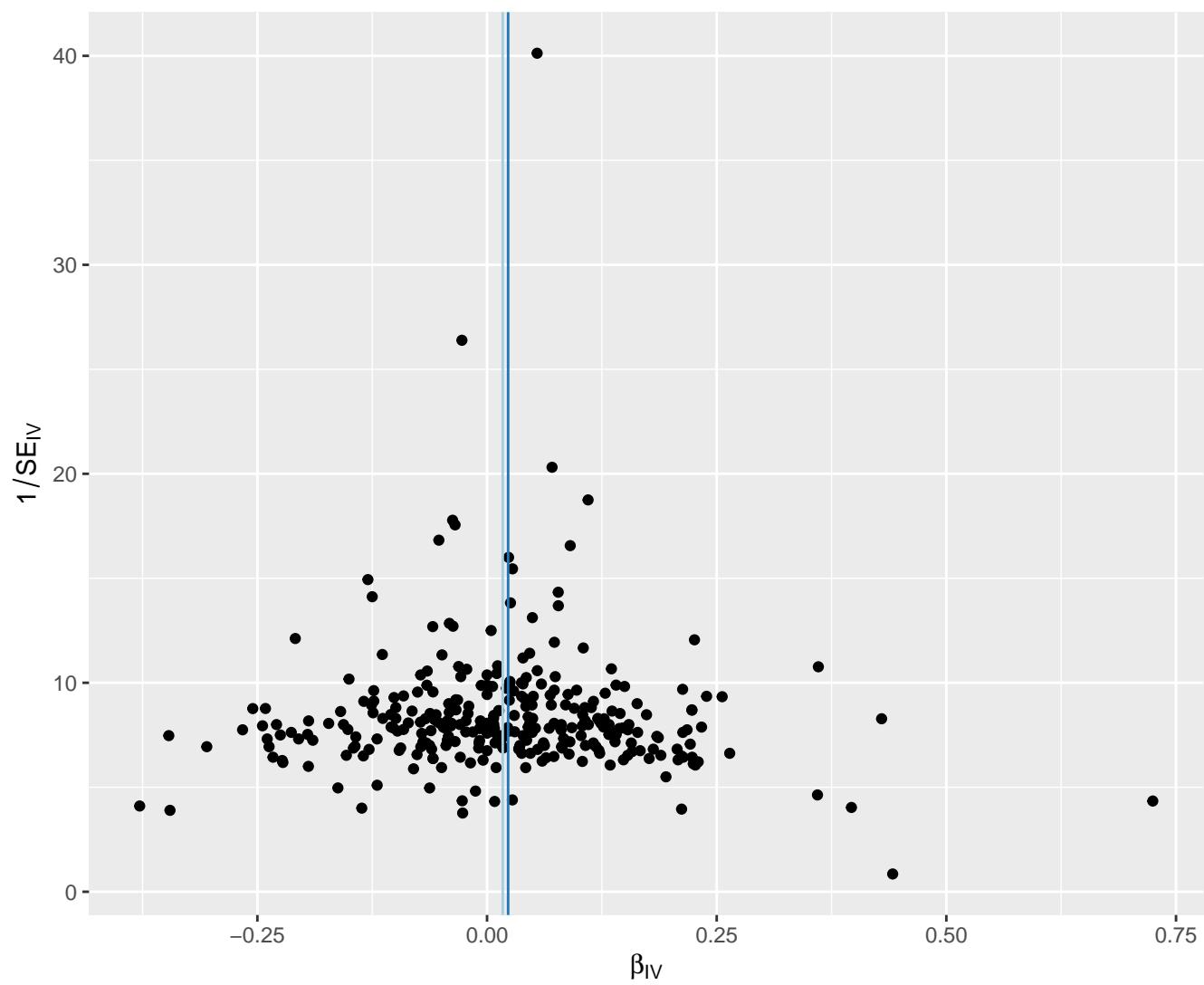
MR Method



X-11787

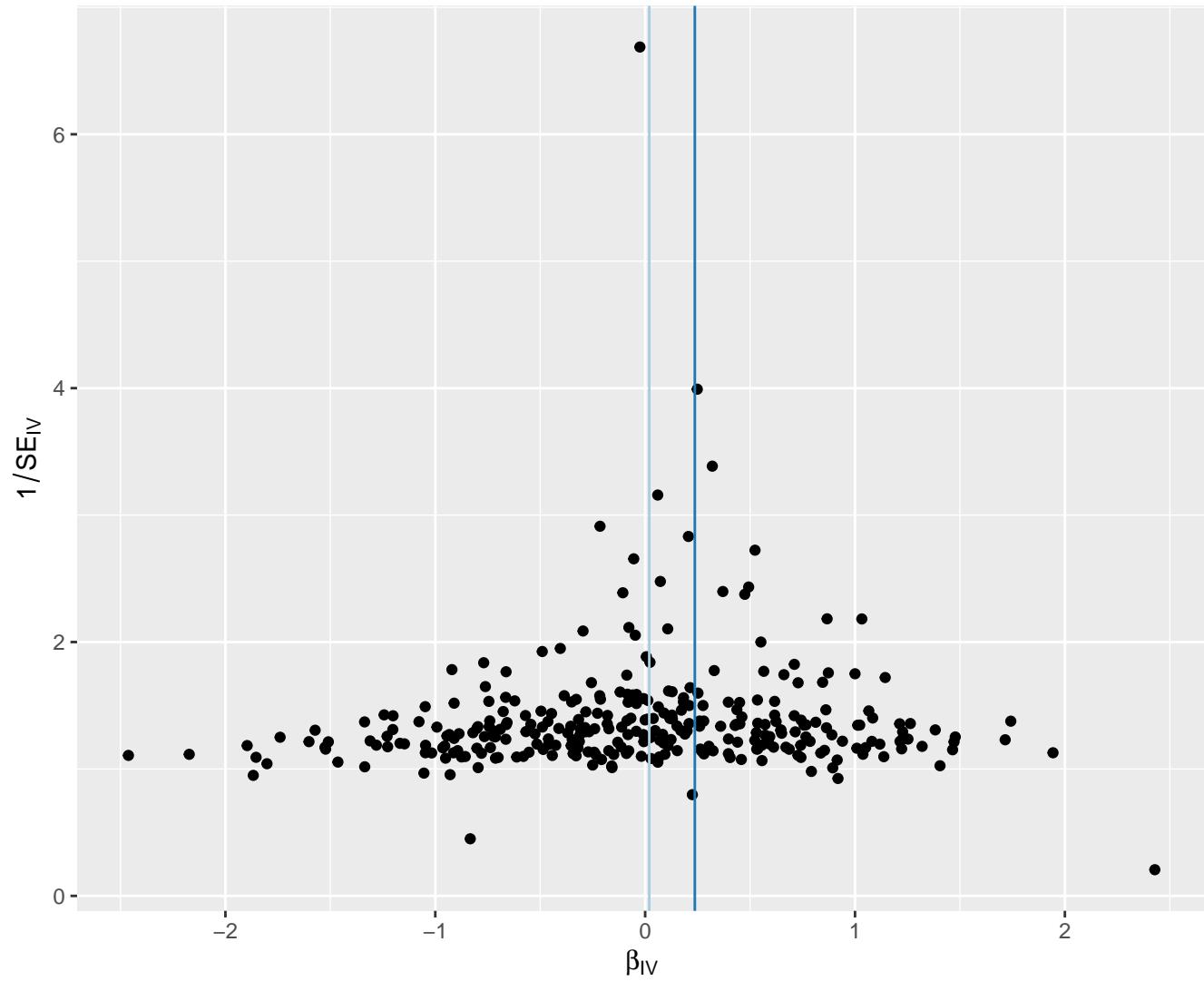
MR Method

Inverse variance weighted
MR Egger



MR Method

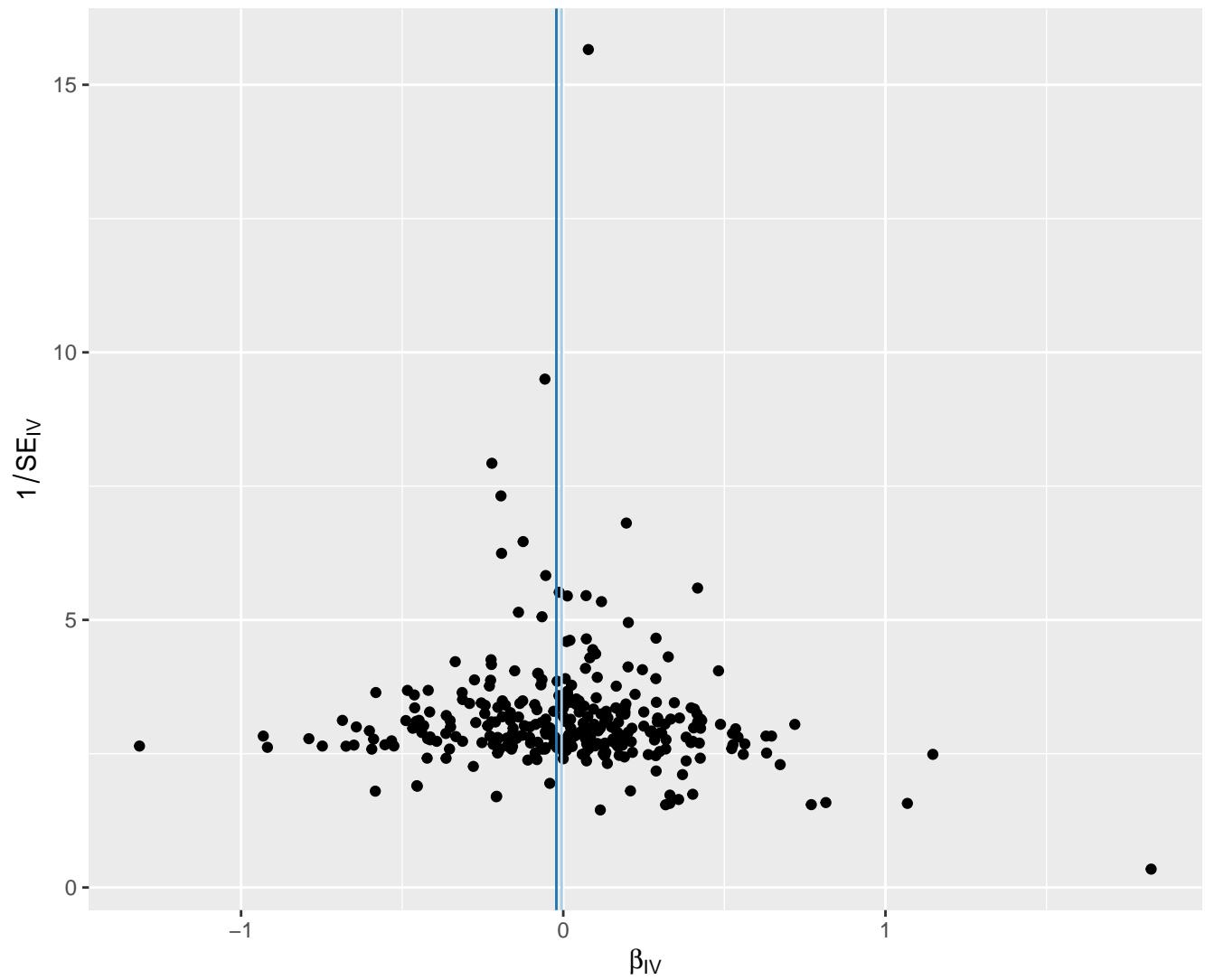
 Inverse variance weighted
 MR Egger



X-11793--oxidized bilirubin*

MR Method

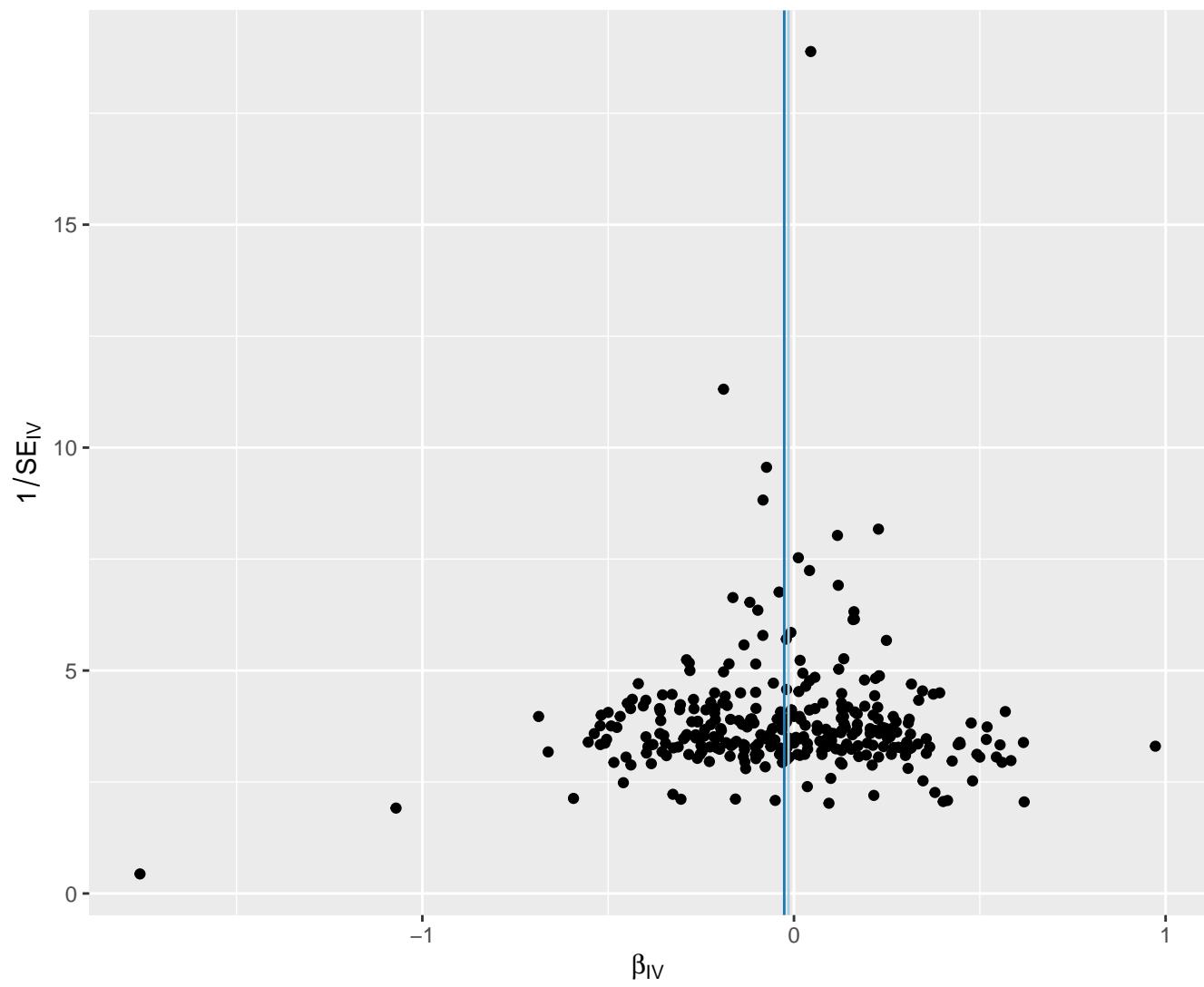
- Inverse variance weighted
- MR Egger



X-11795

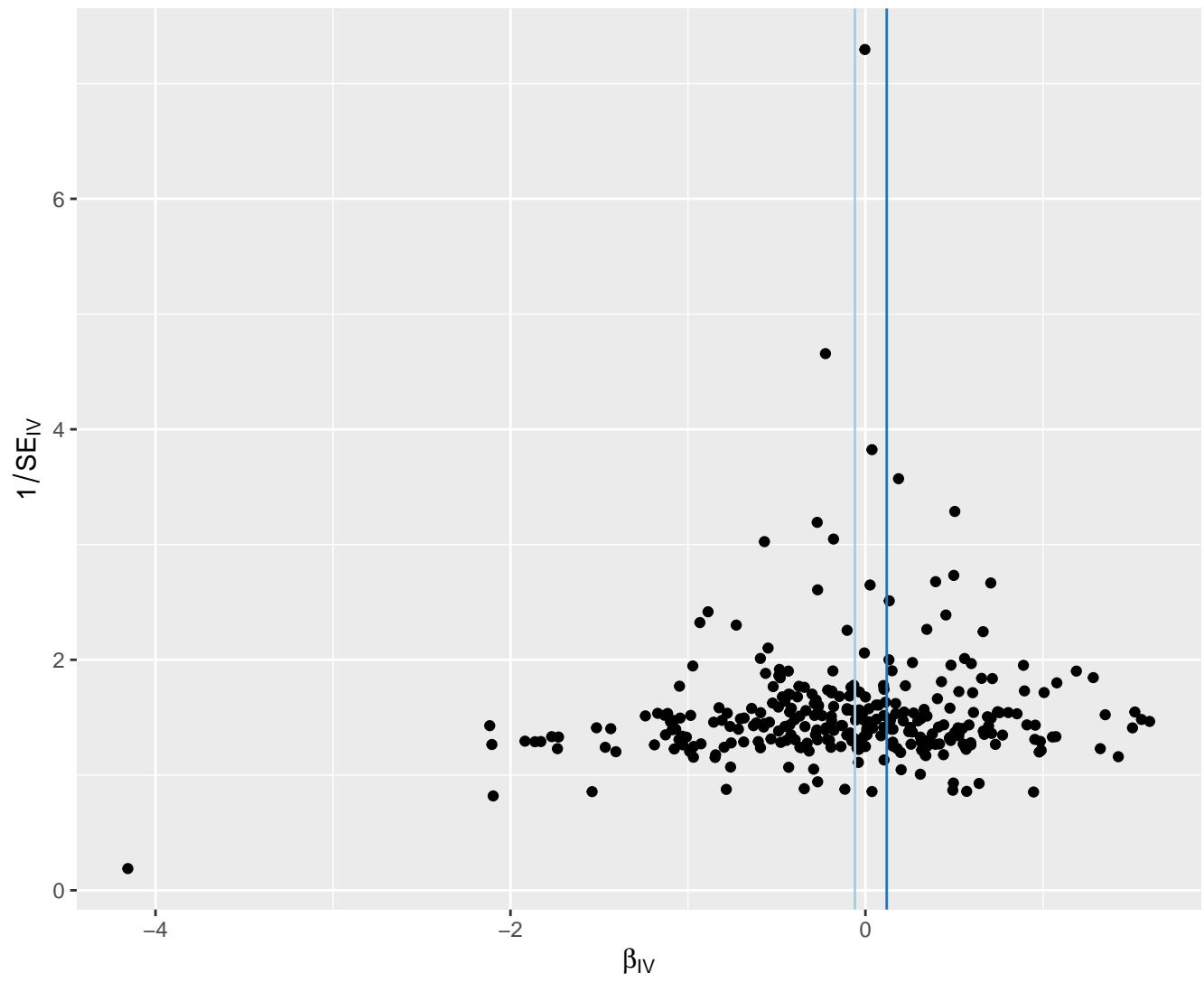
MR Method

Inverse variance weighted
MR Egger



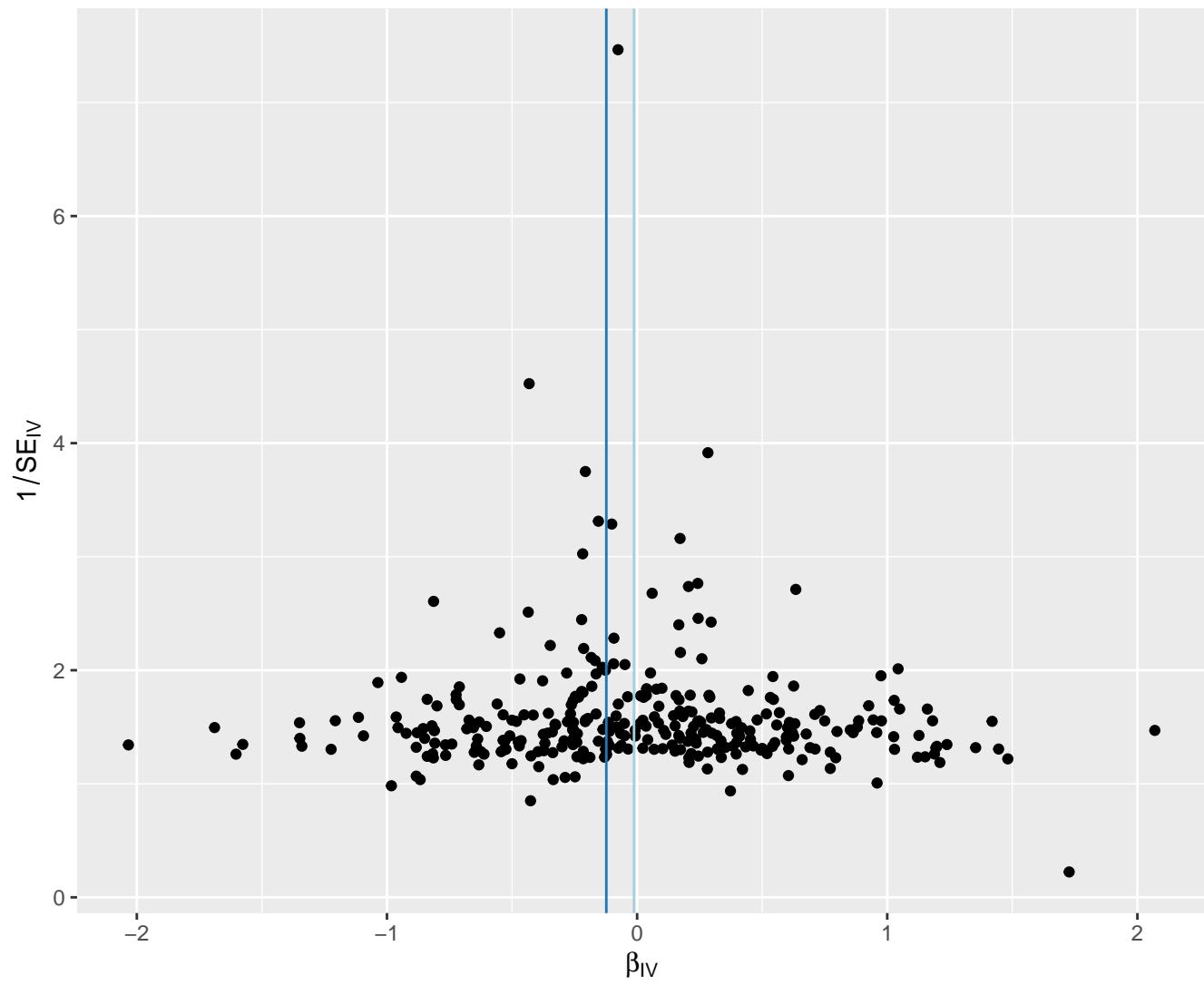
MR Method

 Inverse variance weighted
 MR Egger



MR Method

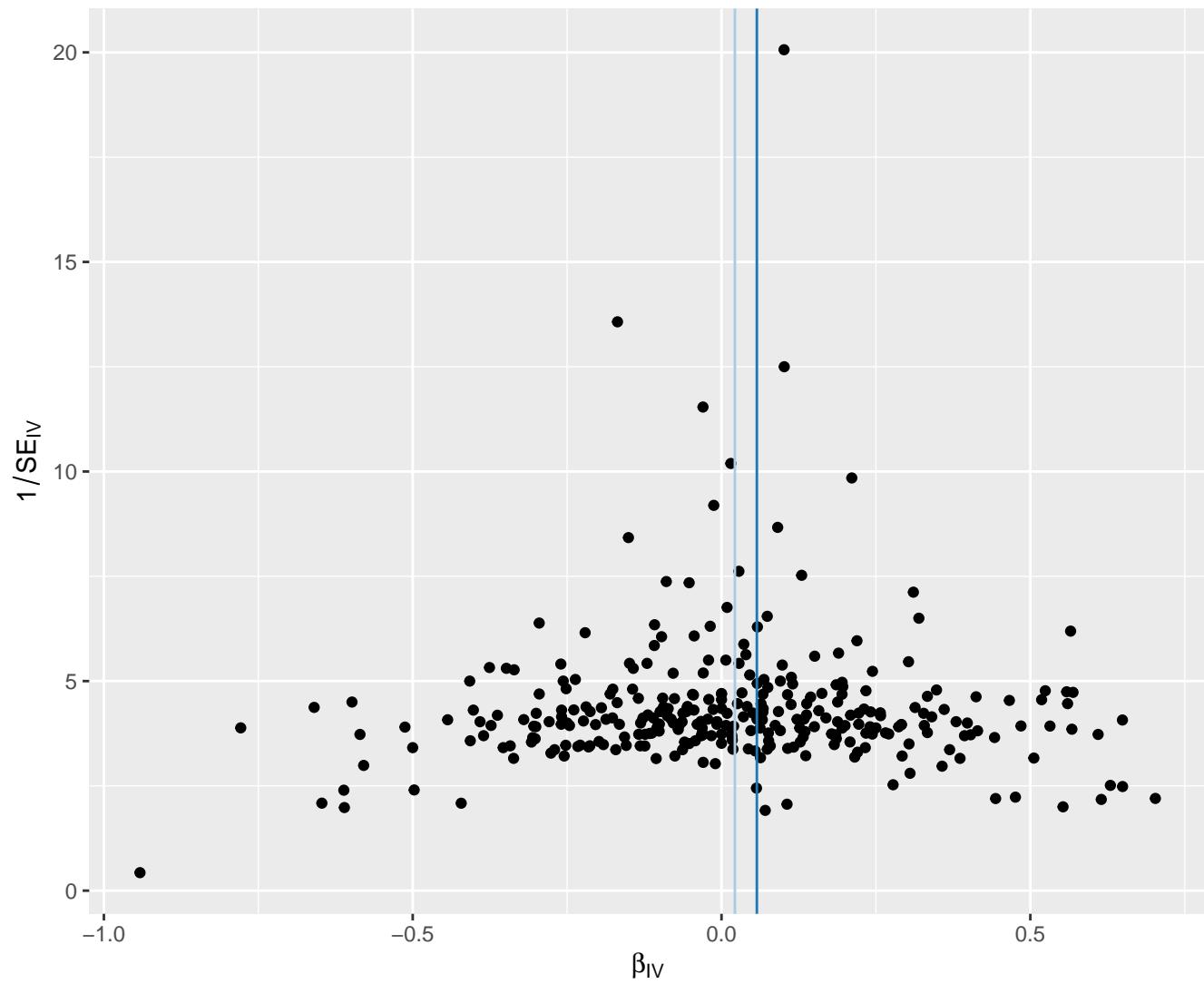
 Inverse variance weighted
 MR Egger

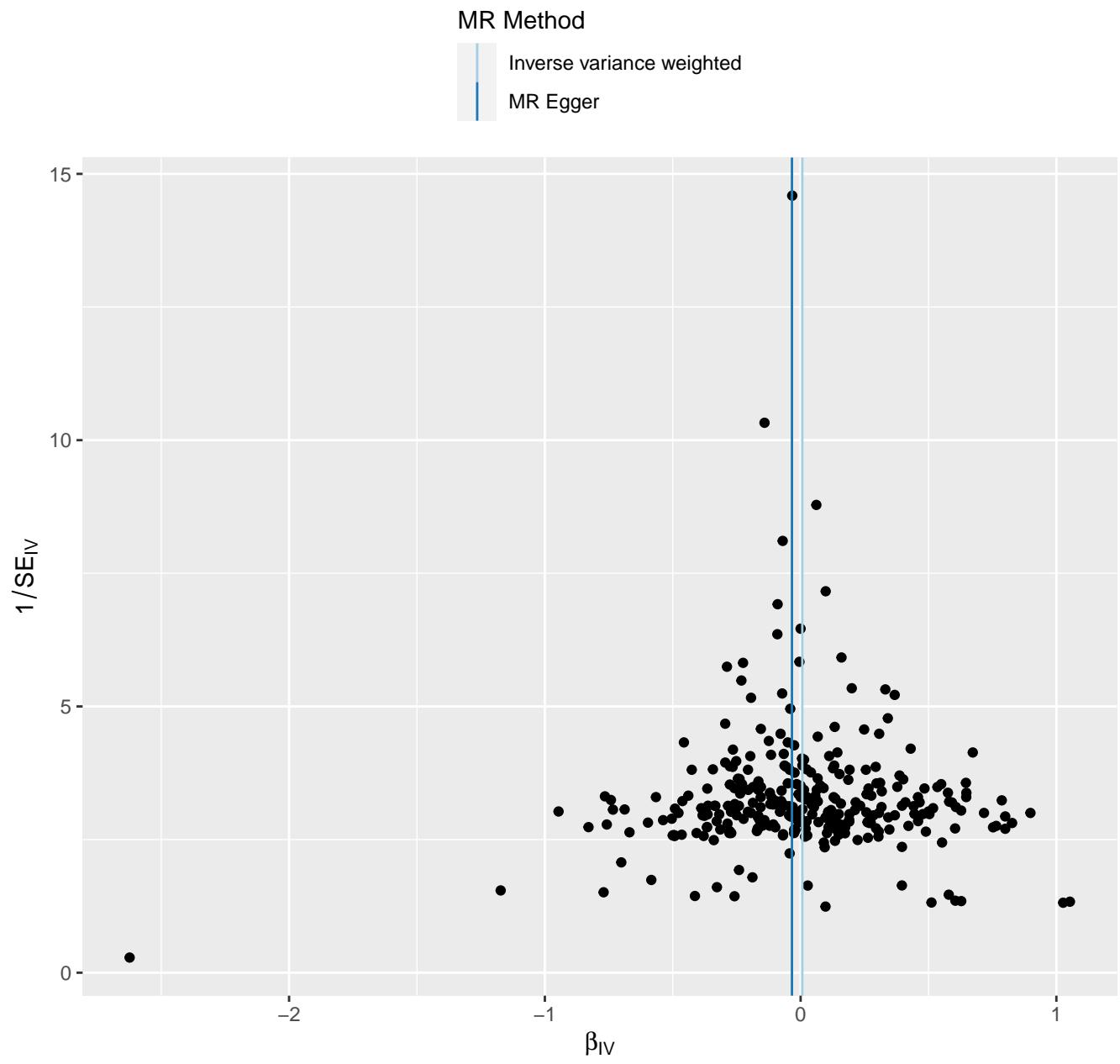


X-11818

MR Method

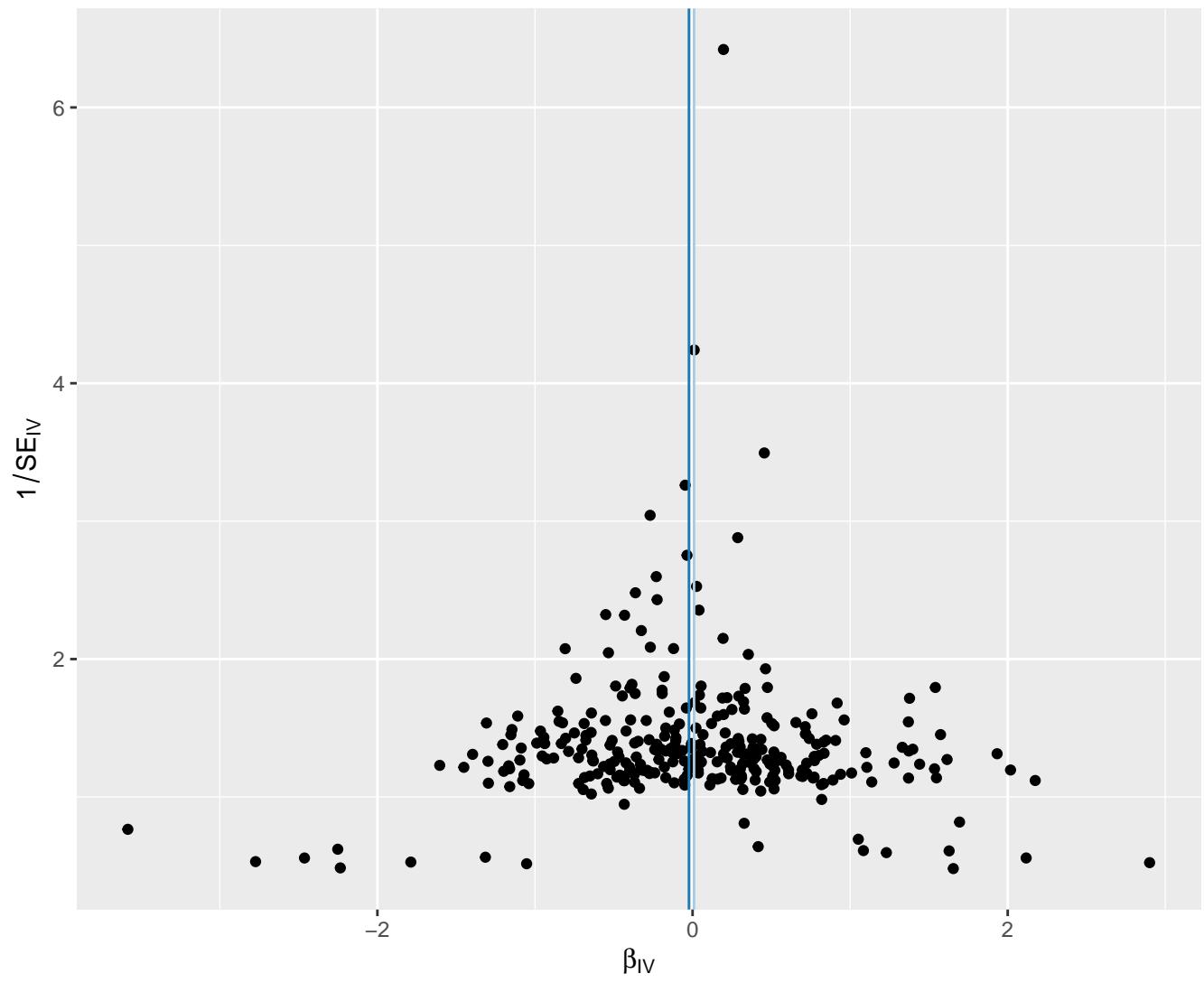
Inverse variance weighted
MR Egger



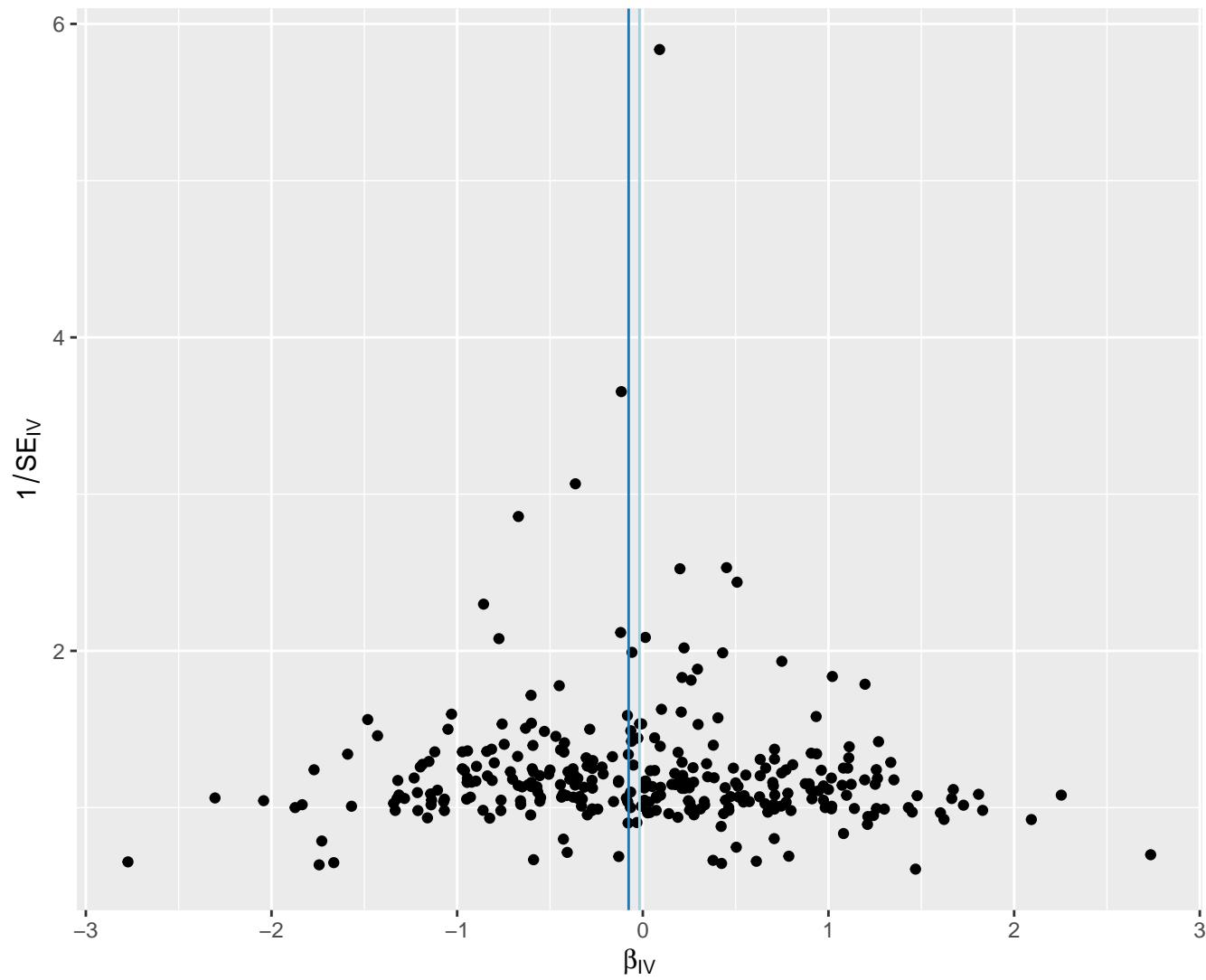


MR Method

- Inverse variance weighted
- MR Egger

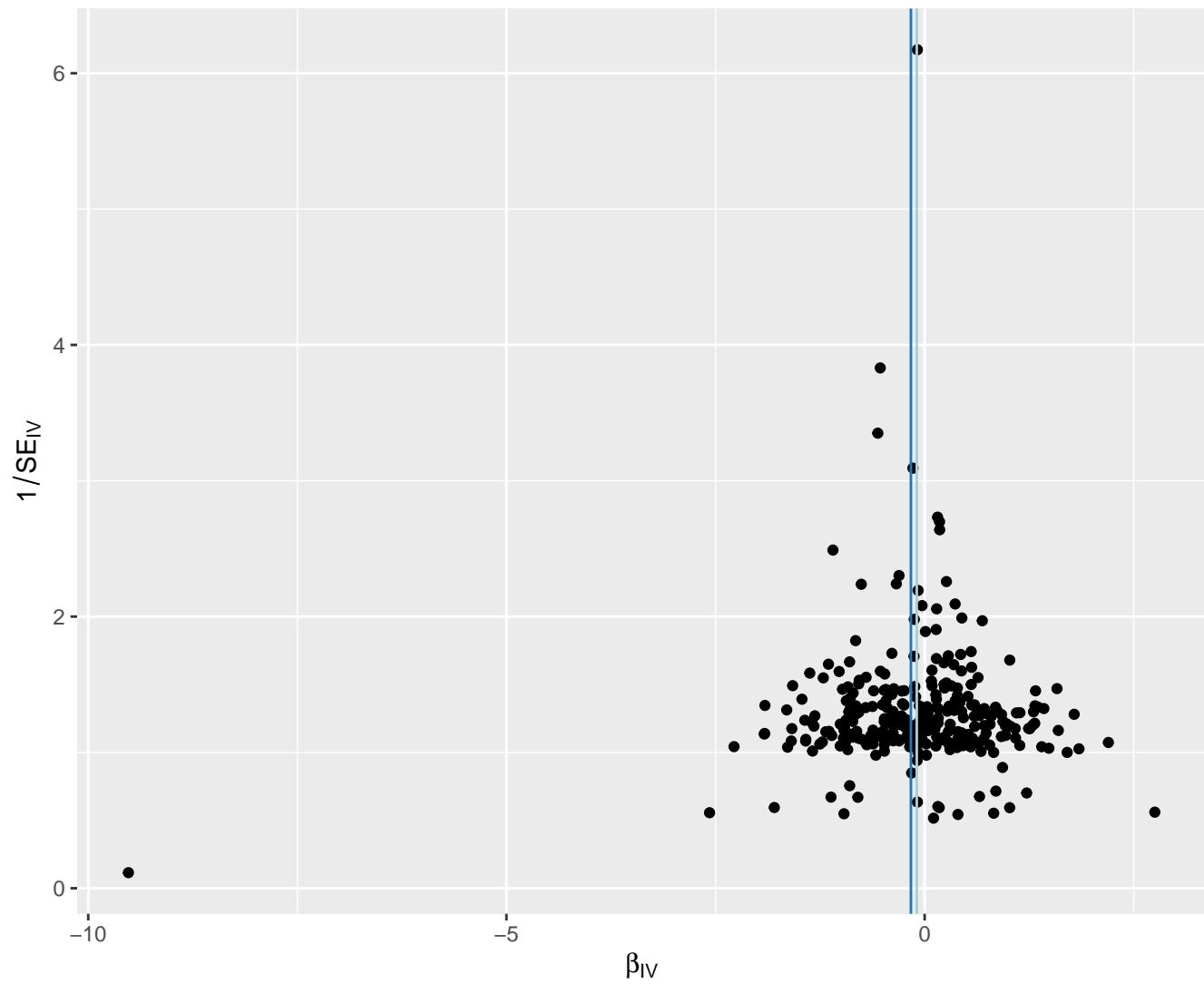


MR Method

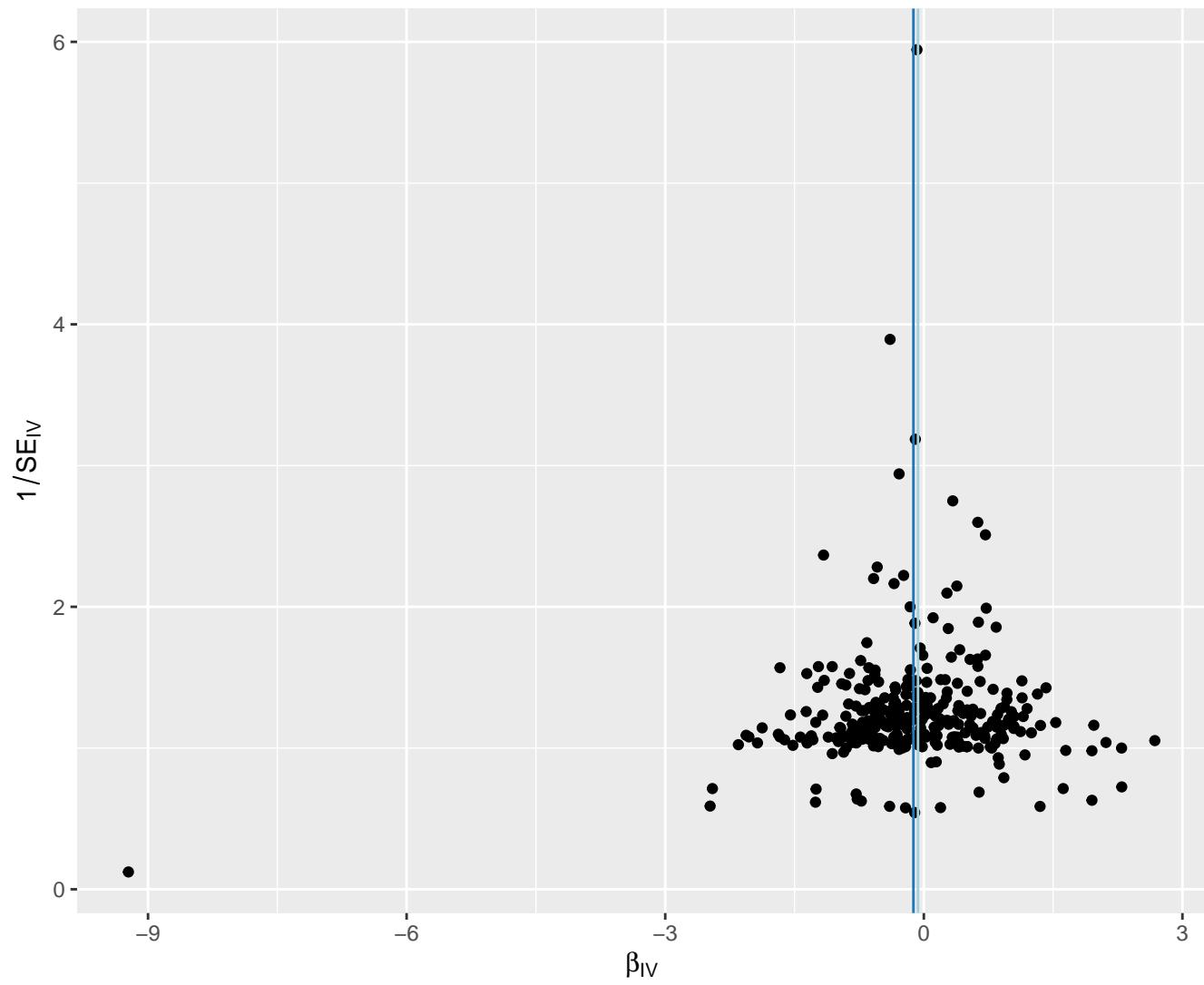
 Inverse variance weighted MR Egger

MR Method

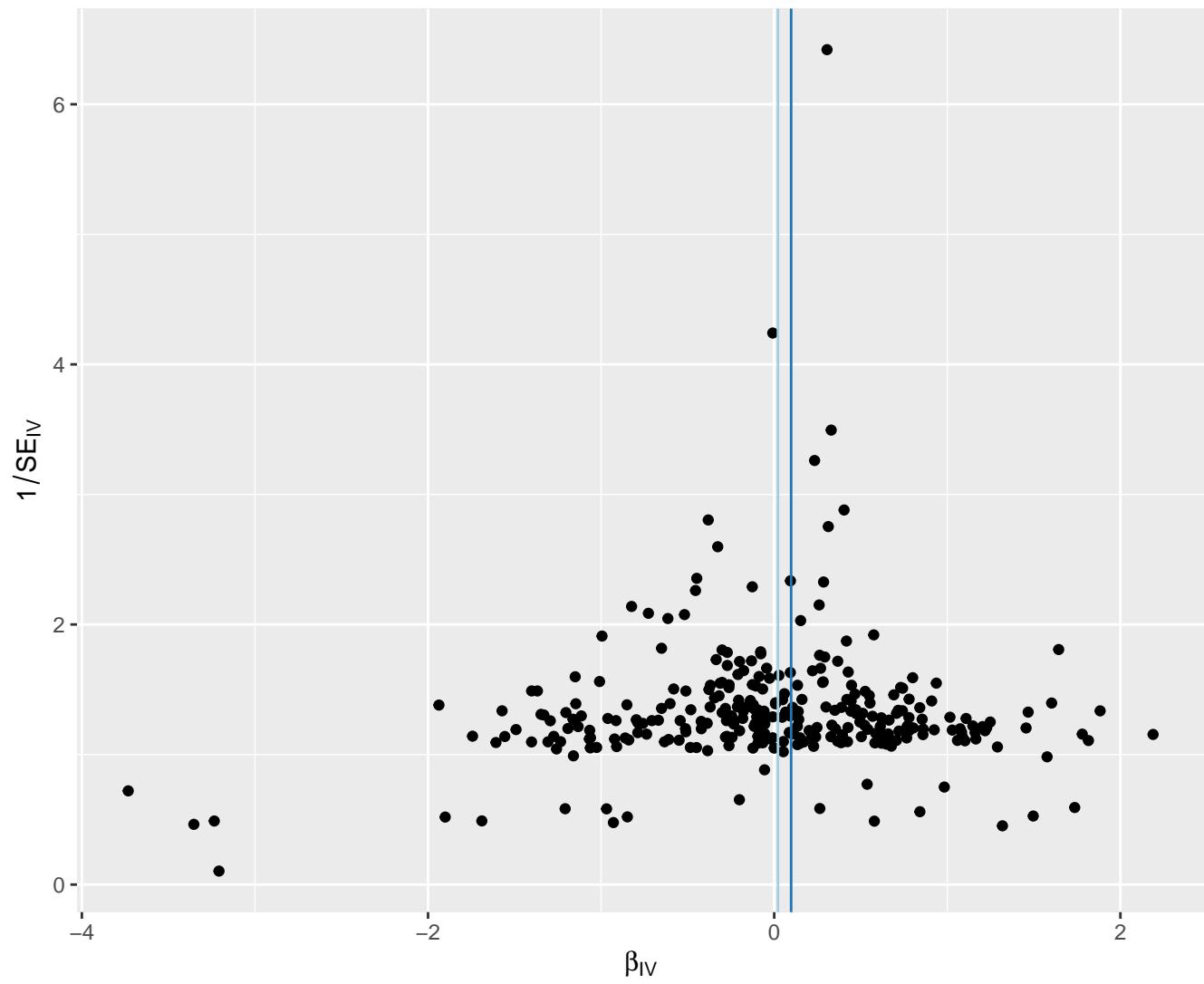
- Inverse variance weighted
- MR Egger



MR Method

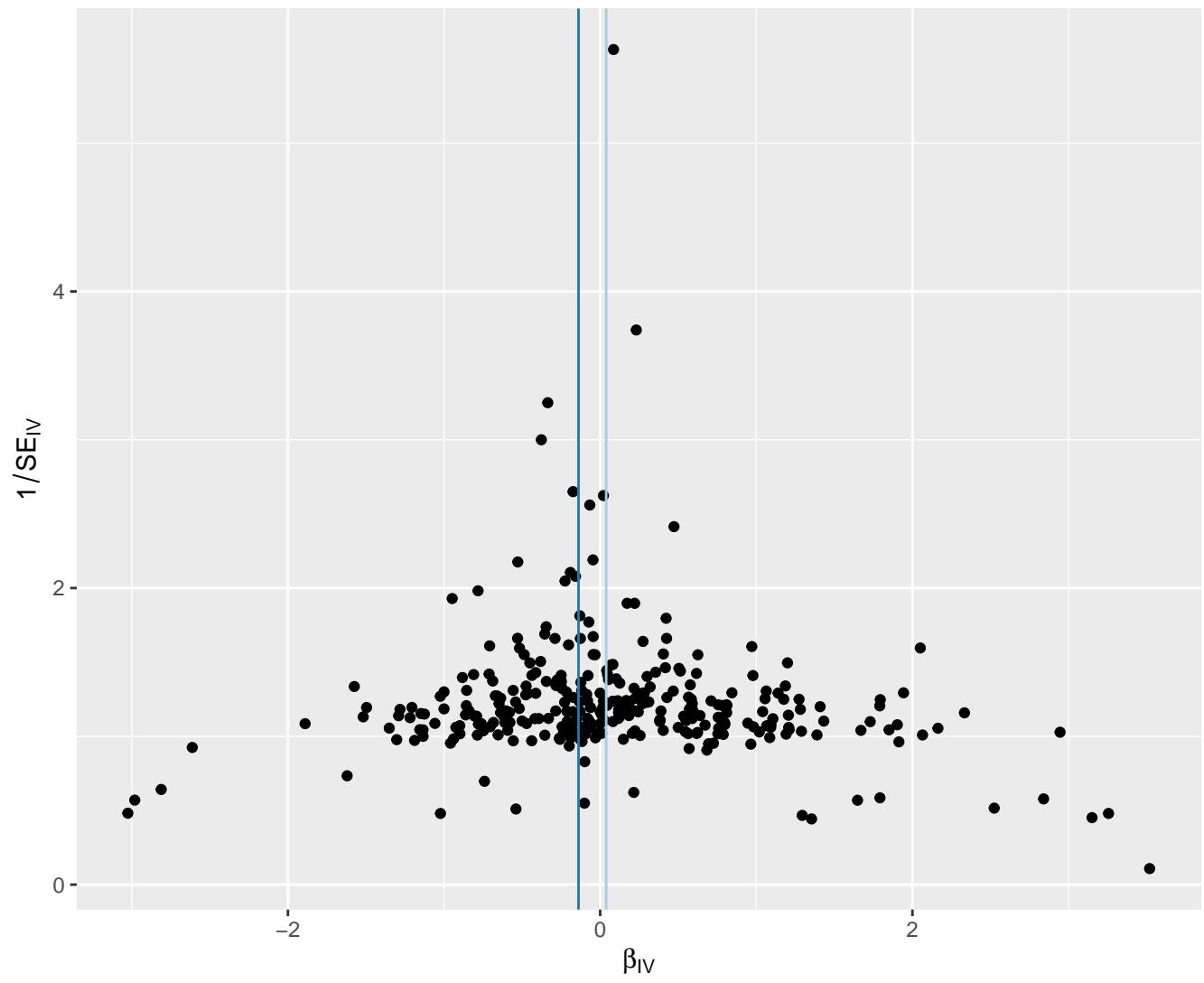
 Inverse variance weighted MR Egger

MR Method

 Inverse variance weighted MR Egger

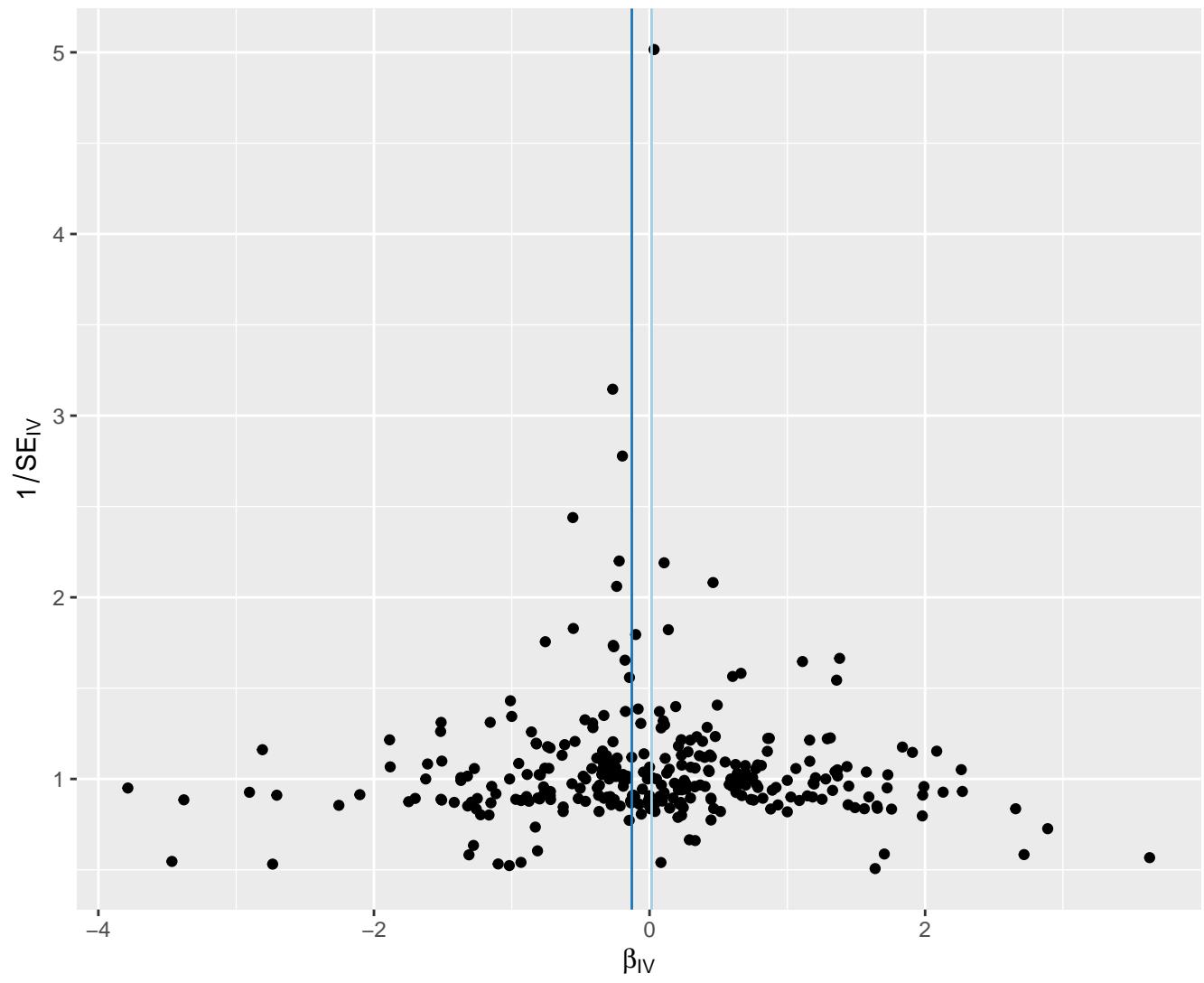
MR Method

 Inverse variance weighted
 MR Egger



MR Method

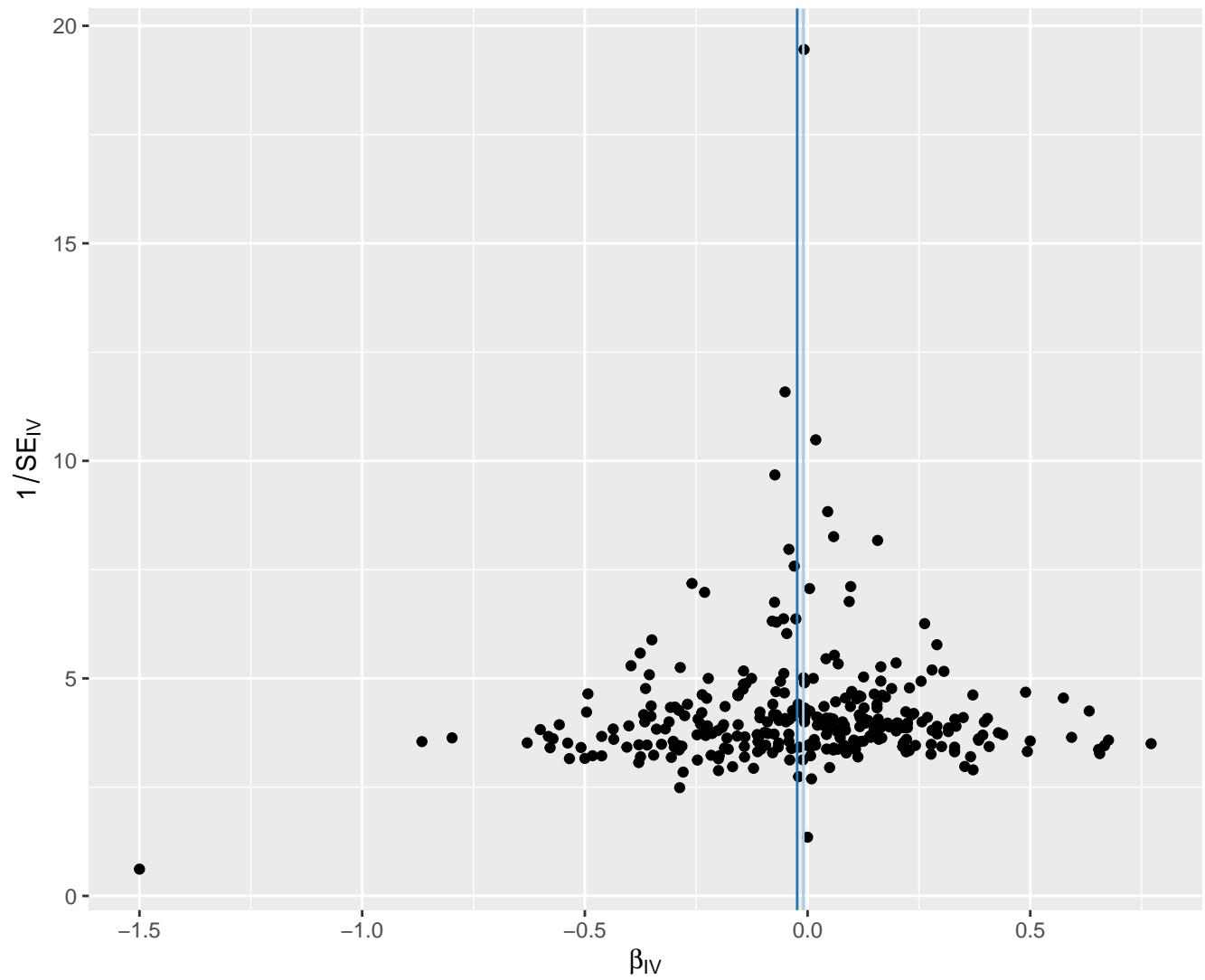
 Inverse variance weighted
 MR Egger



X-11859

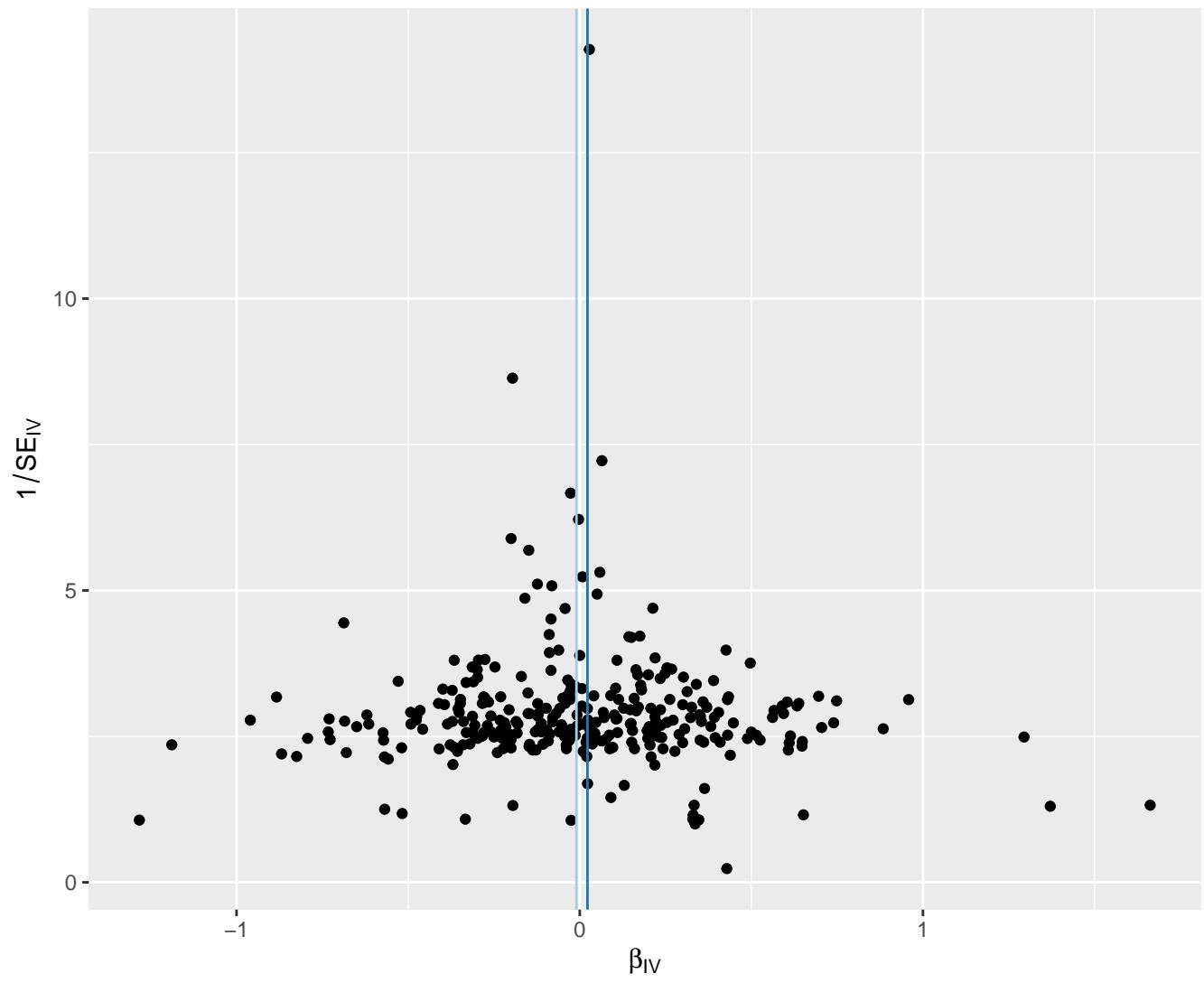
MR Method

Inverse variance weighted
MR Egger



MR Method

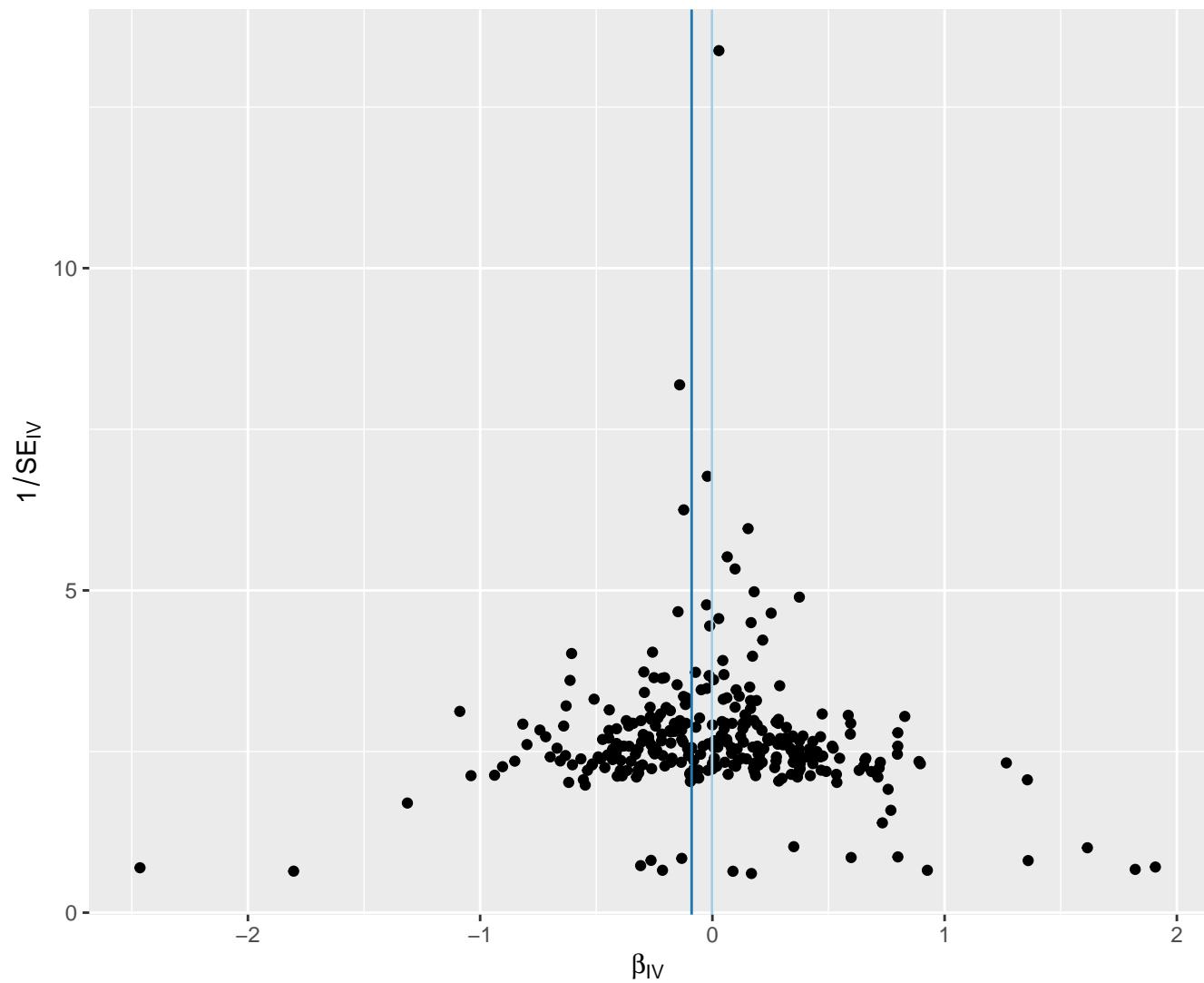
- Inverse variance weighted
- MR Egger



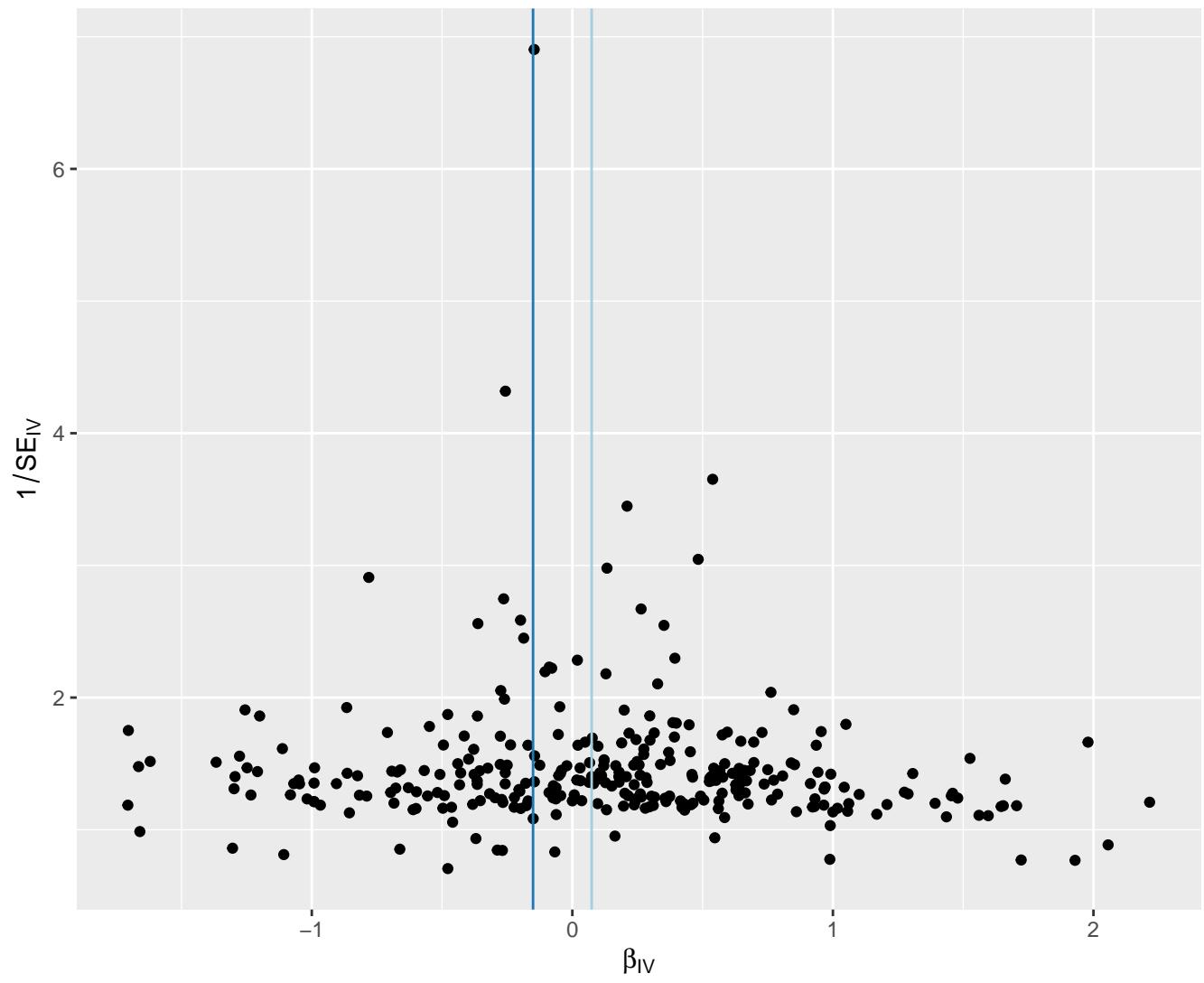
MR Method

 Inverse variance weighted

MR Egger

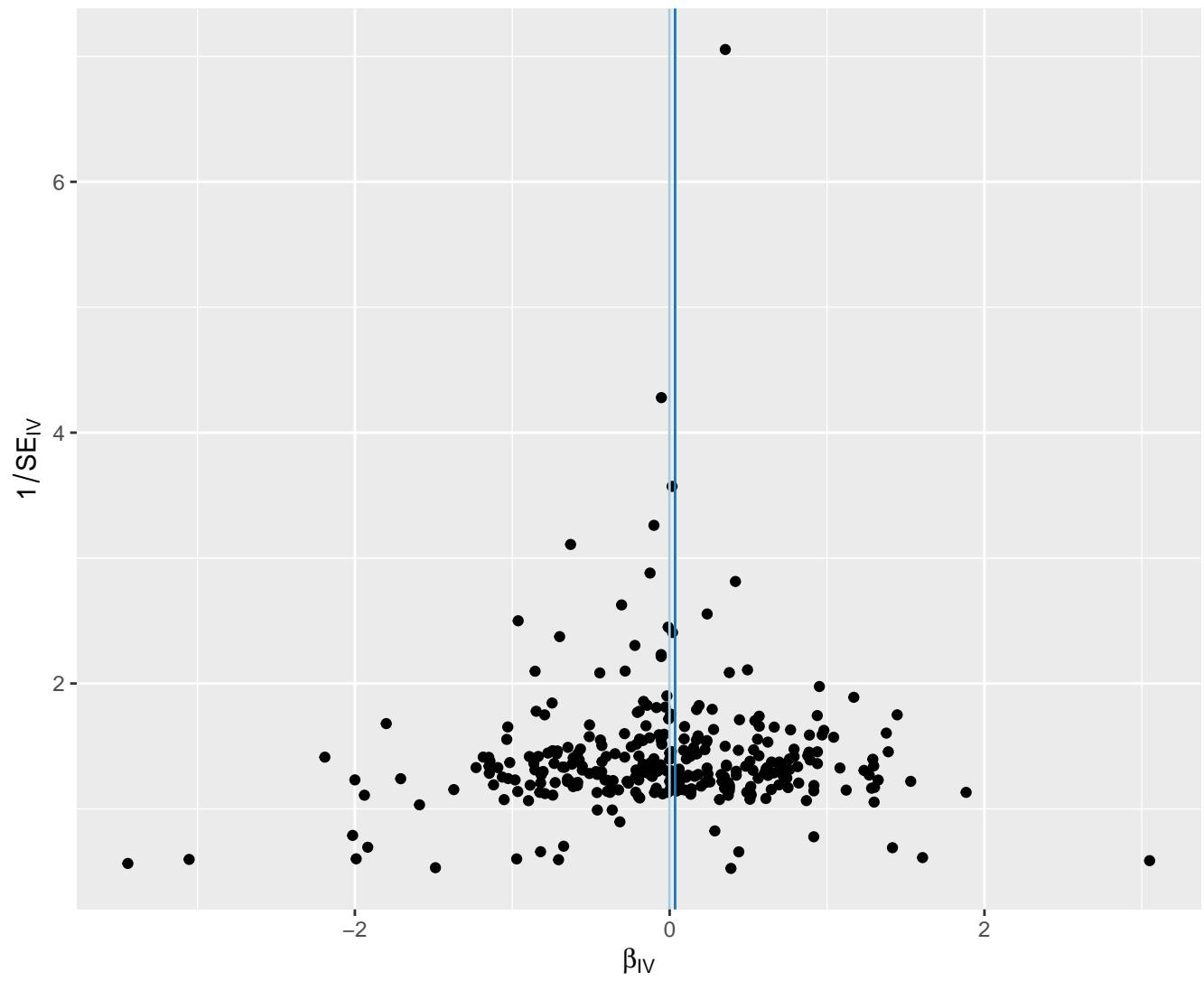


MR Method

 Inverse variance weighted MR Egger

MR Method

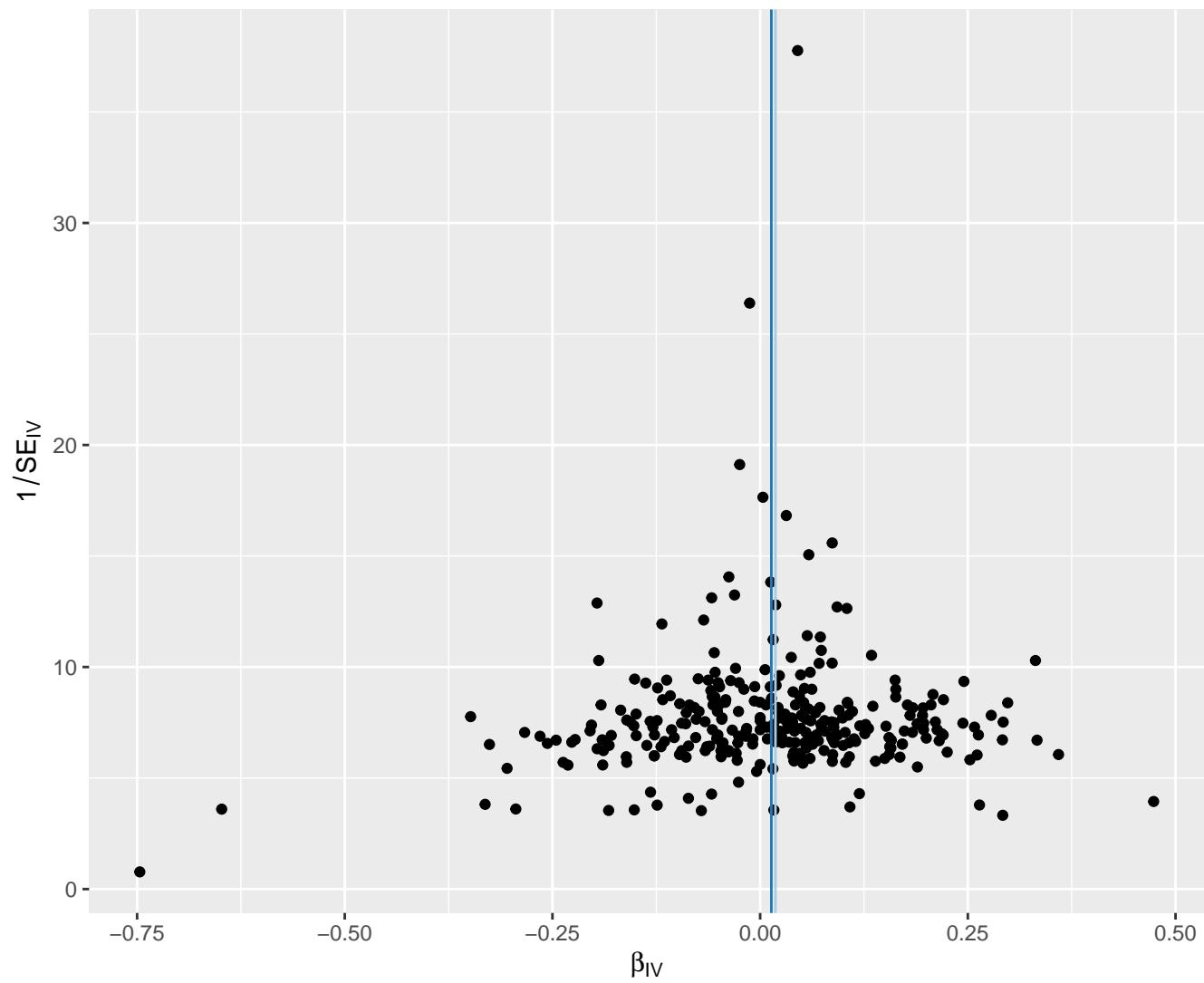
- Inverse variance weighted
- MR Egger



MR Method

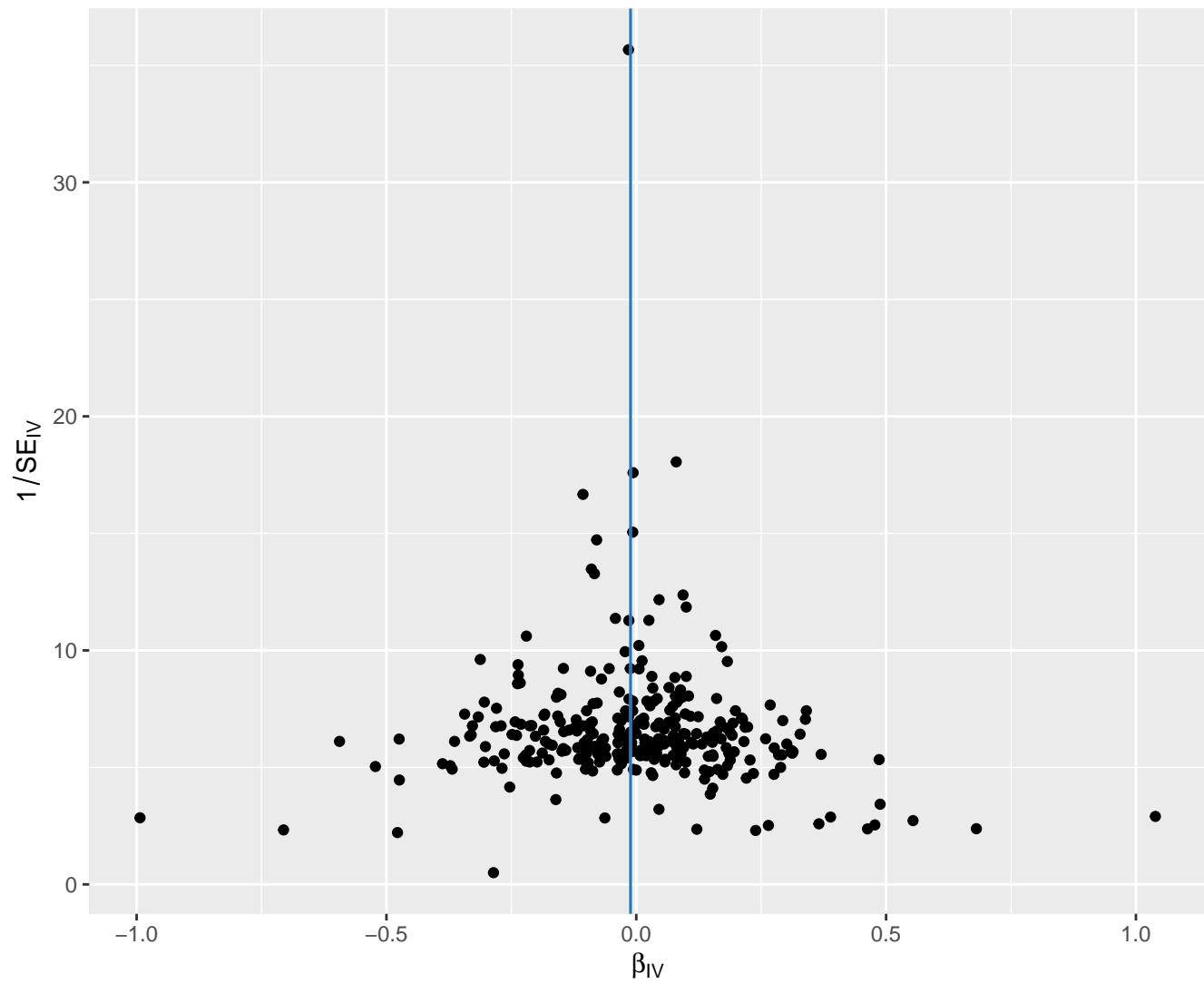
Inverse variance weighted

MR Egger



MR Method

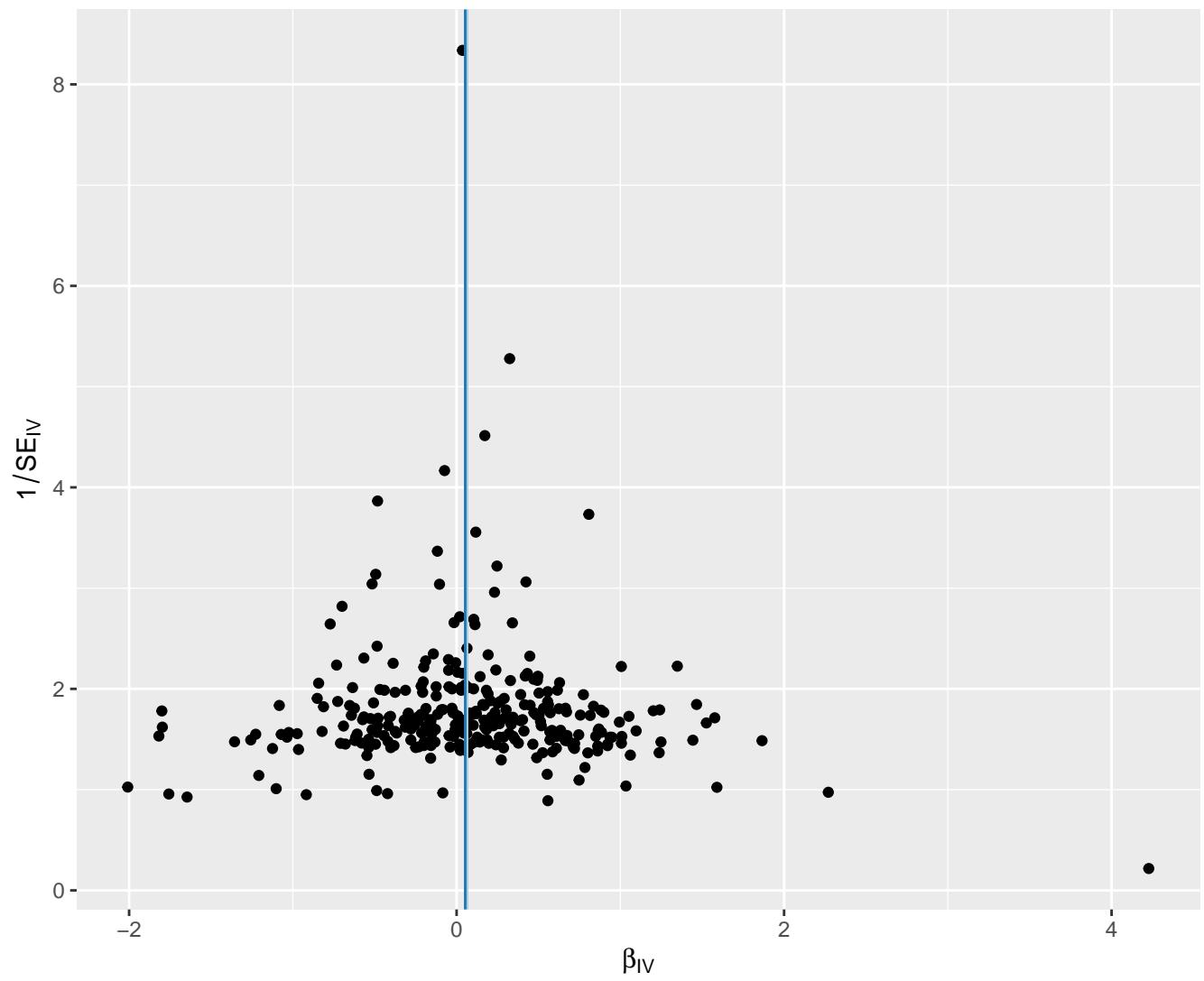
- Inverse variance weighted
- MR Egger



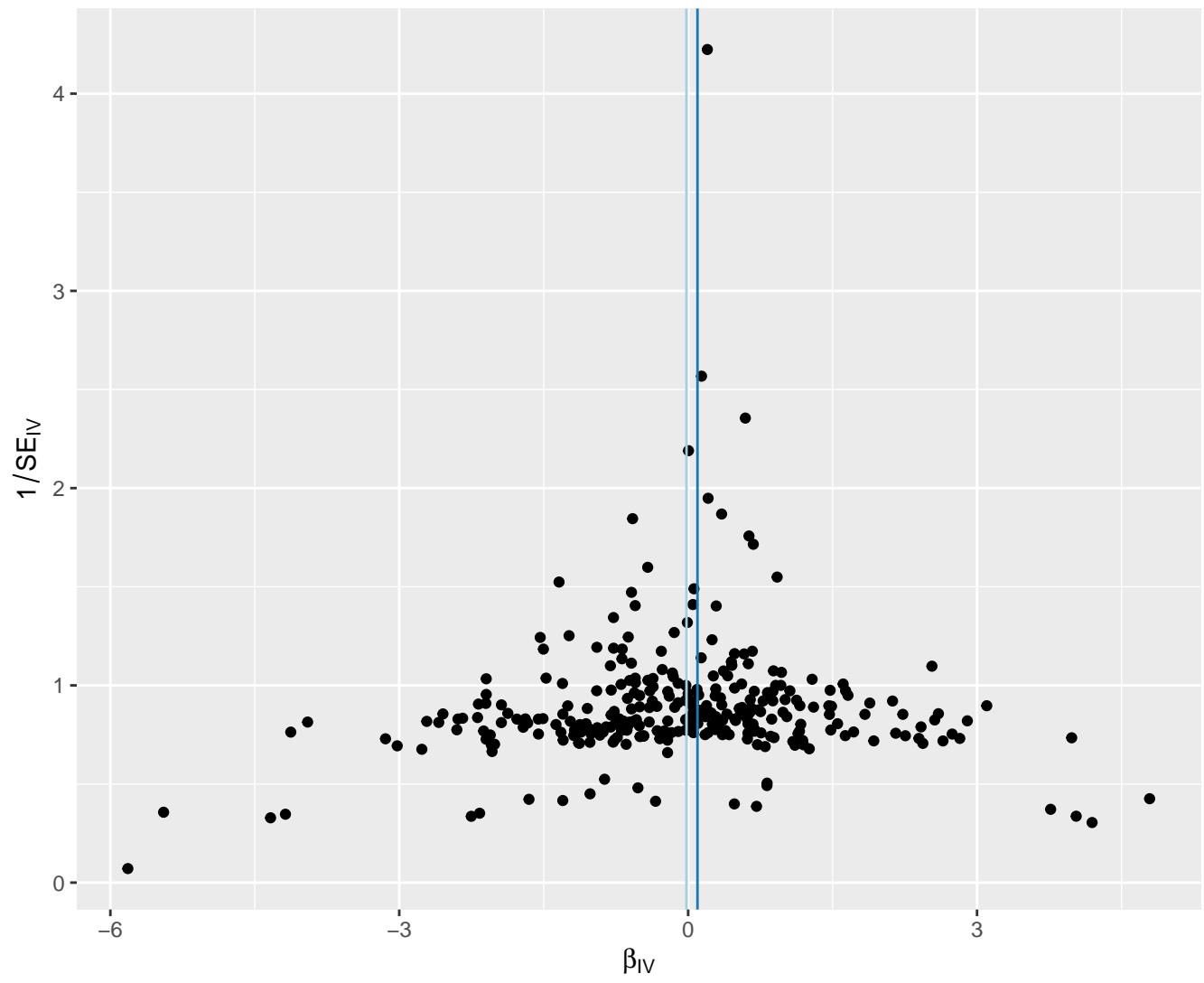
MR Method

Inverse variance weighted

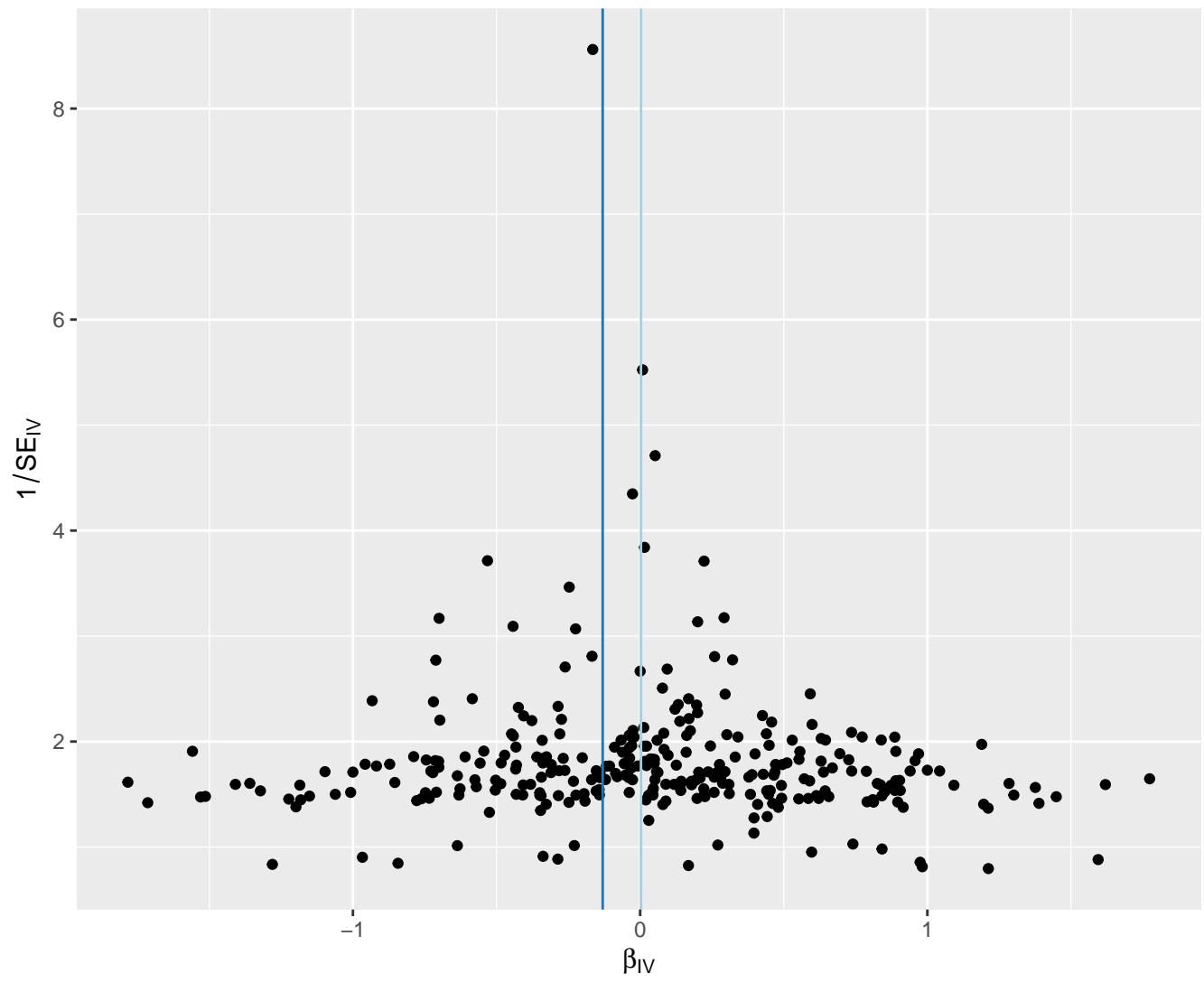
MR Egger



MR Method

 Inverse variance weighted MR Egger

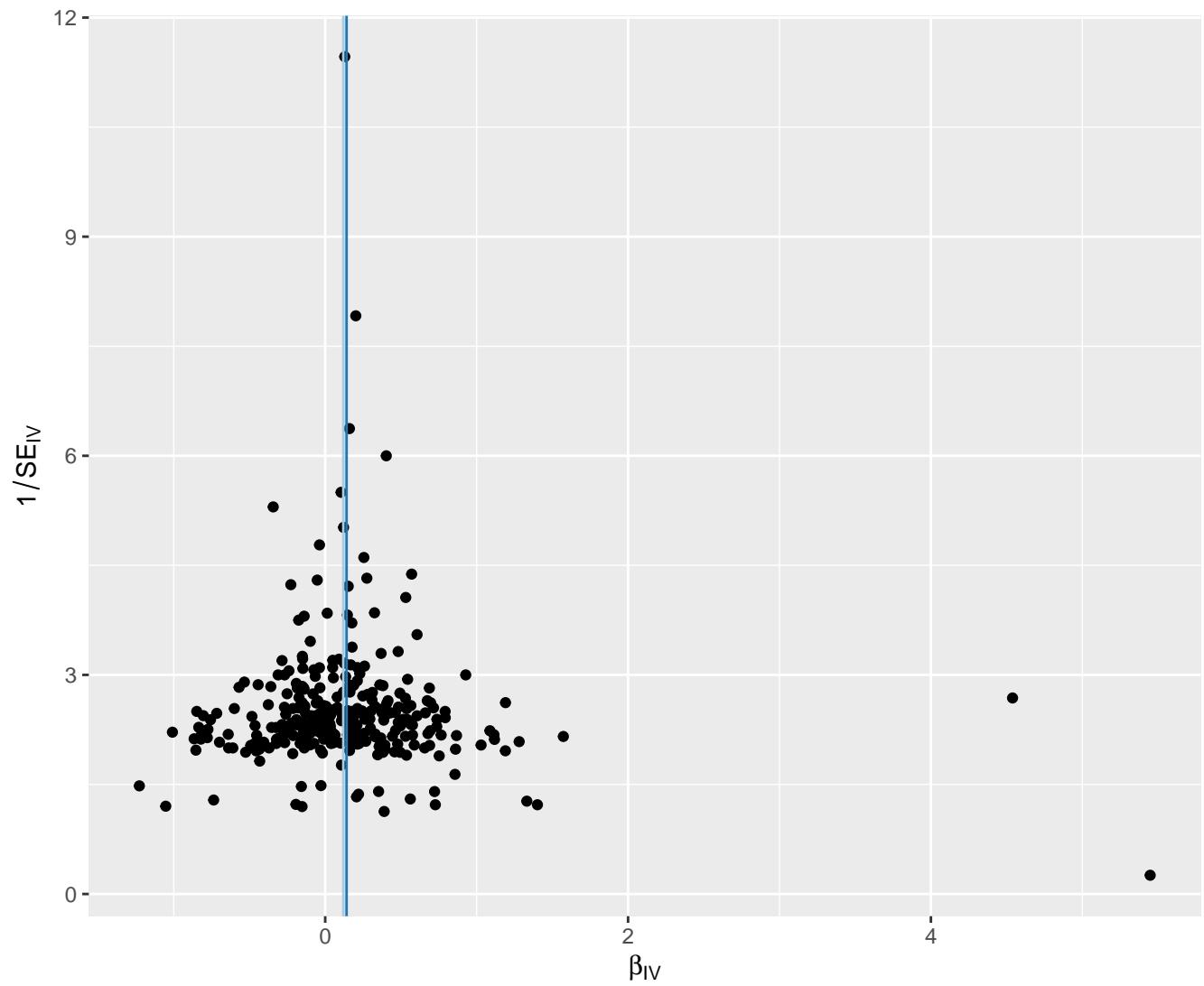
MR Method

 Inverse variance weighted MR Egger

MR Method

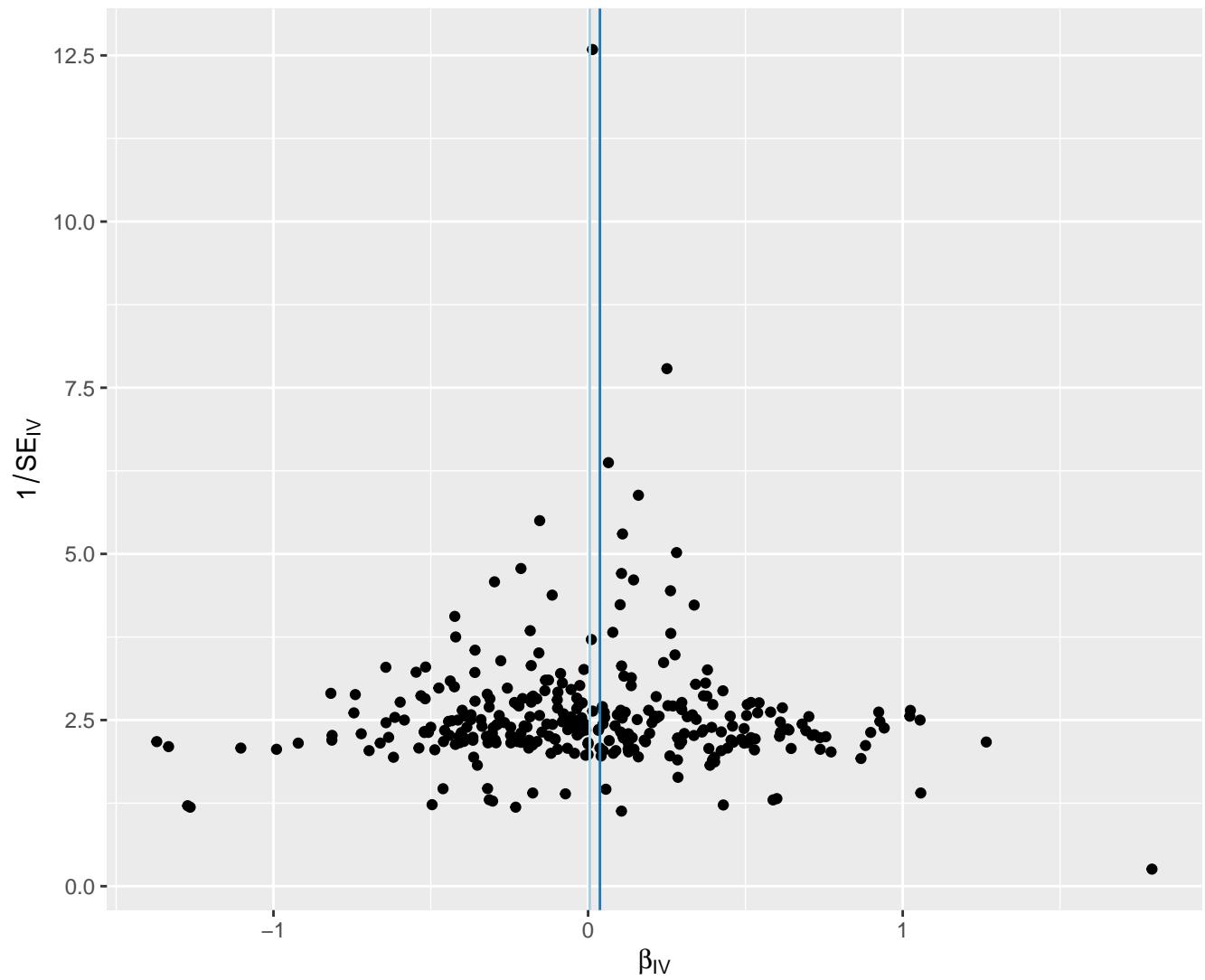
 Inverse variance weighted

MR Egger



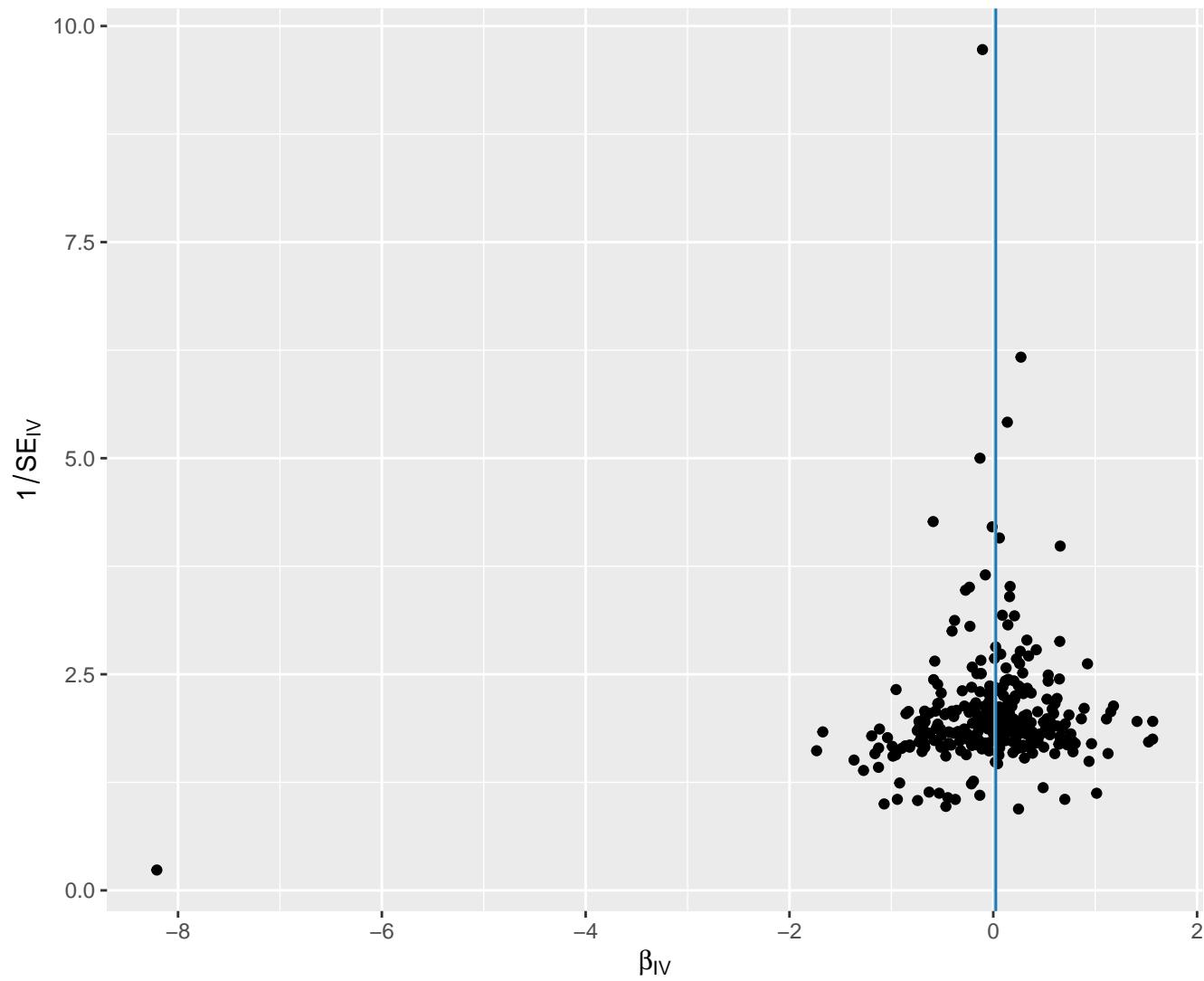
MR Method

- Inverse variance weighted
- MR Egger



MR Method

- Light blue vertical line Inverse variance weighted
- Dark blue vertical line MR Egger

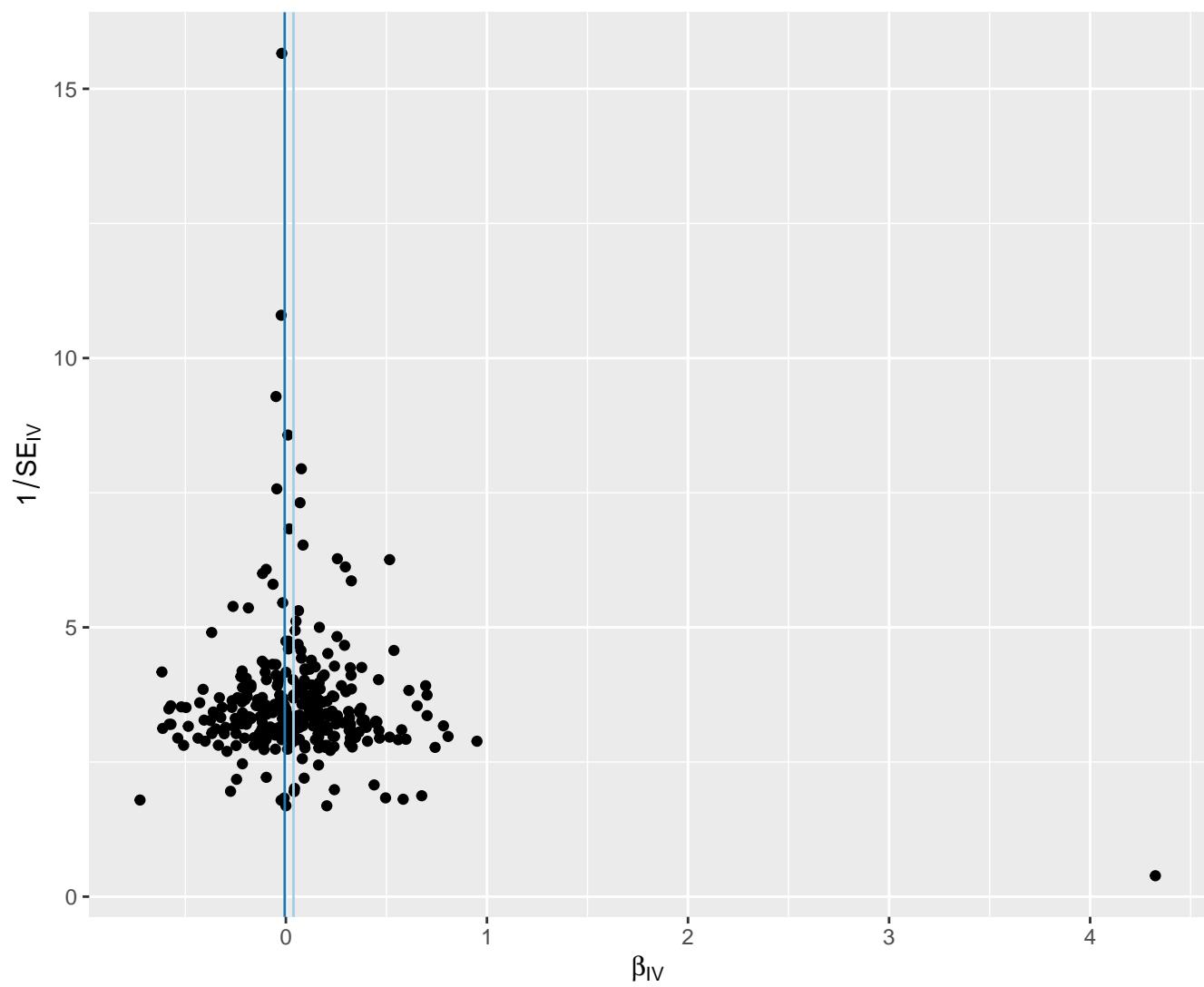


X-12094

MR Method

Inverse variance weighted

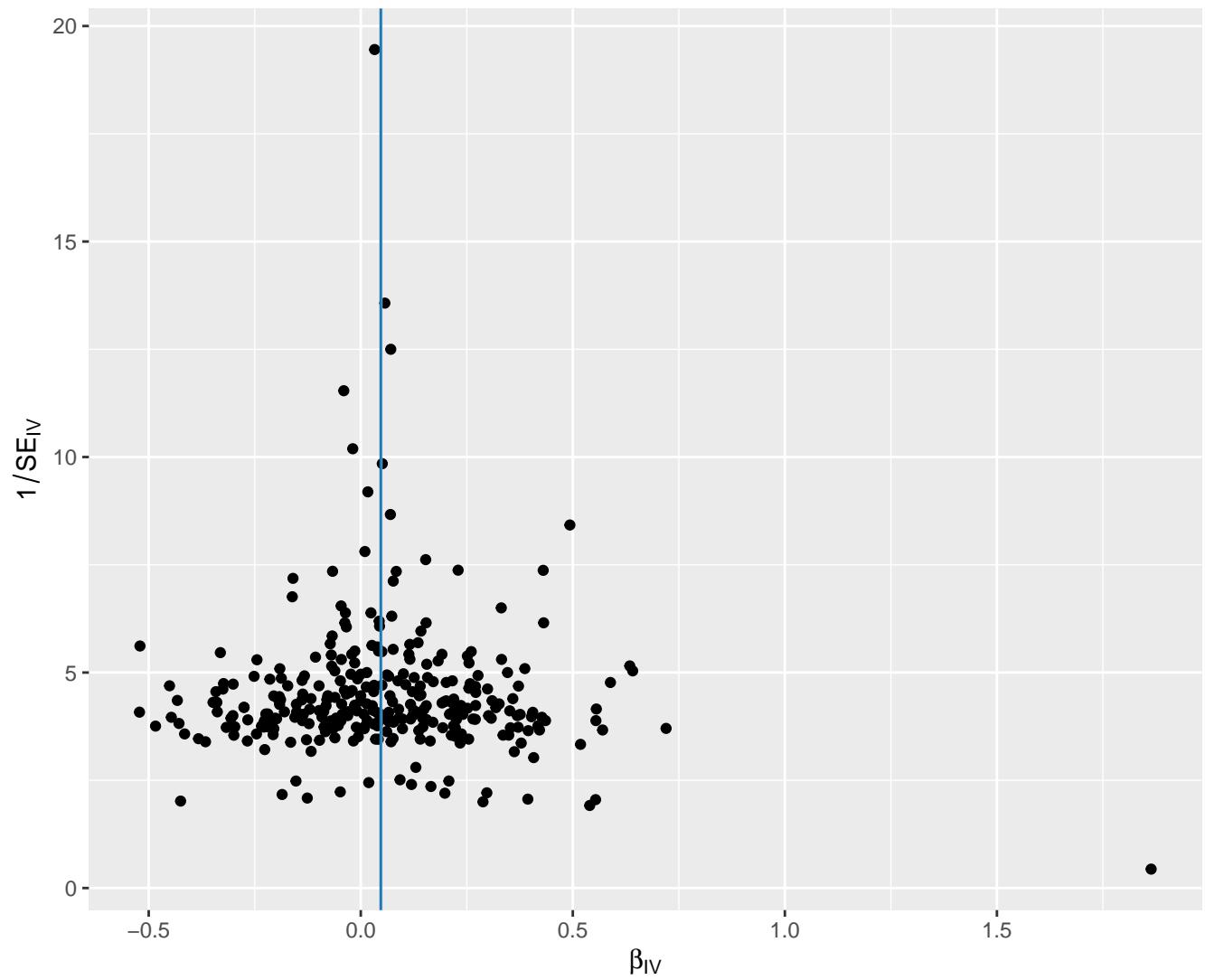
MR Egger



X-12095--N1-methyl-3-pyridone-4-carboxamide

MR Method

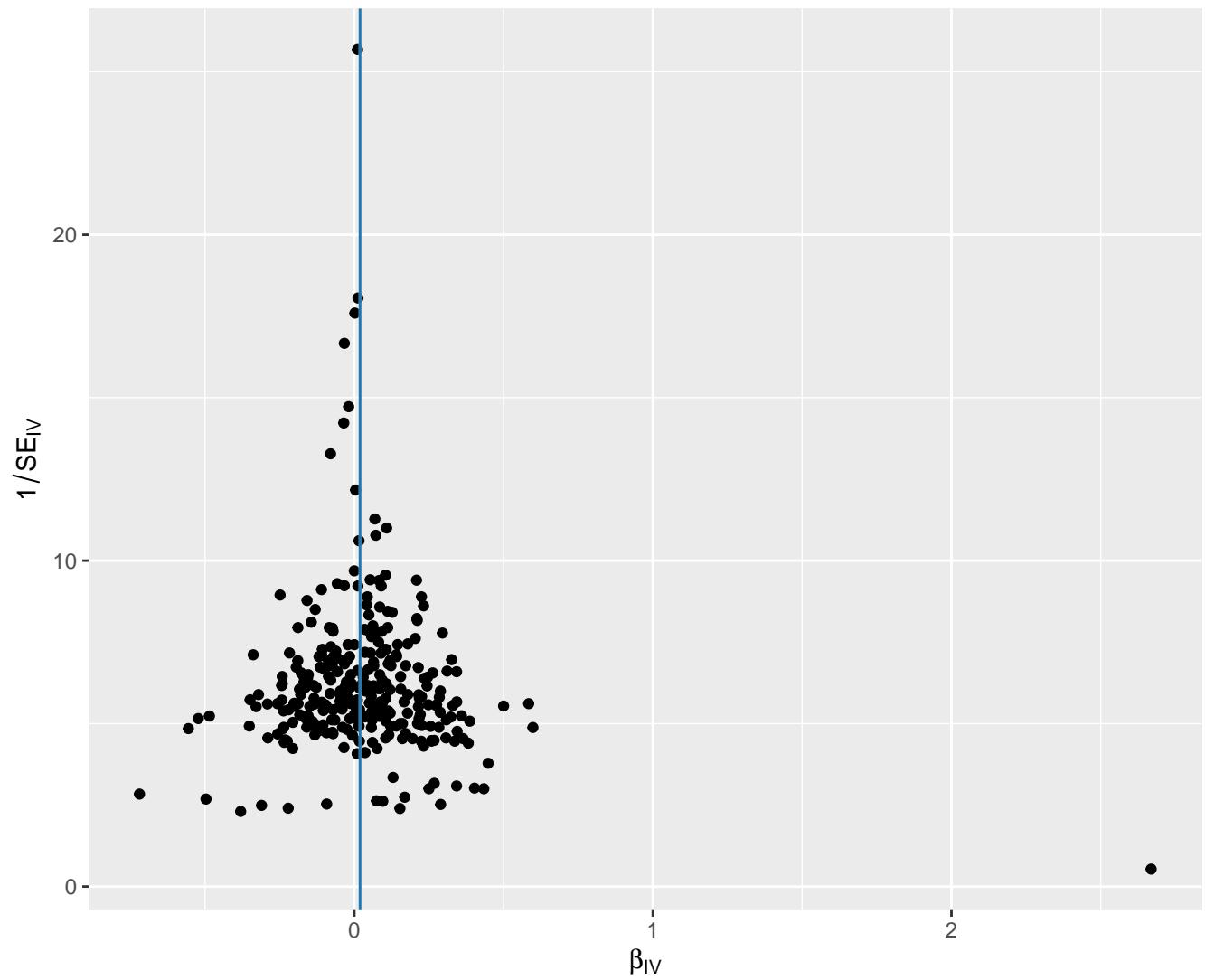
Inverse variance weighted
MR Egger



X-12100--hydroxytryptophan*

MR Method

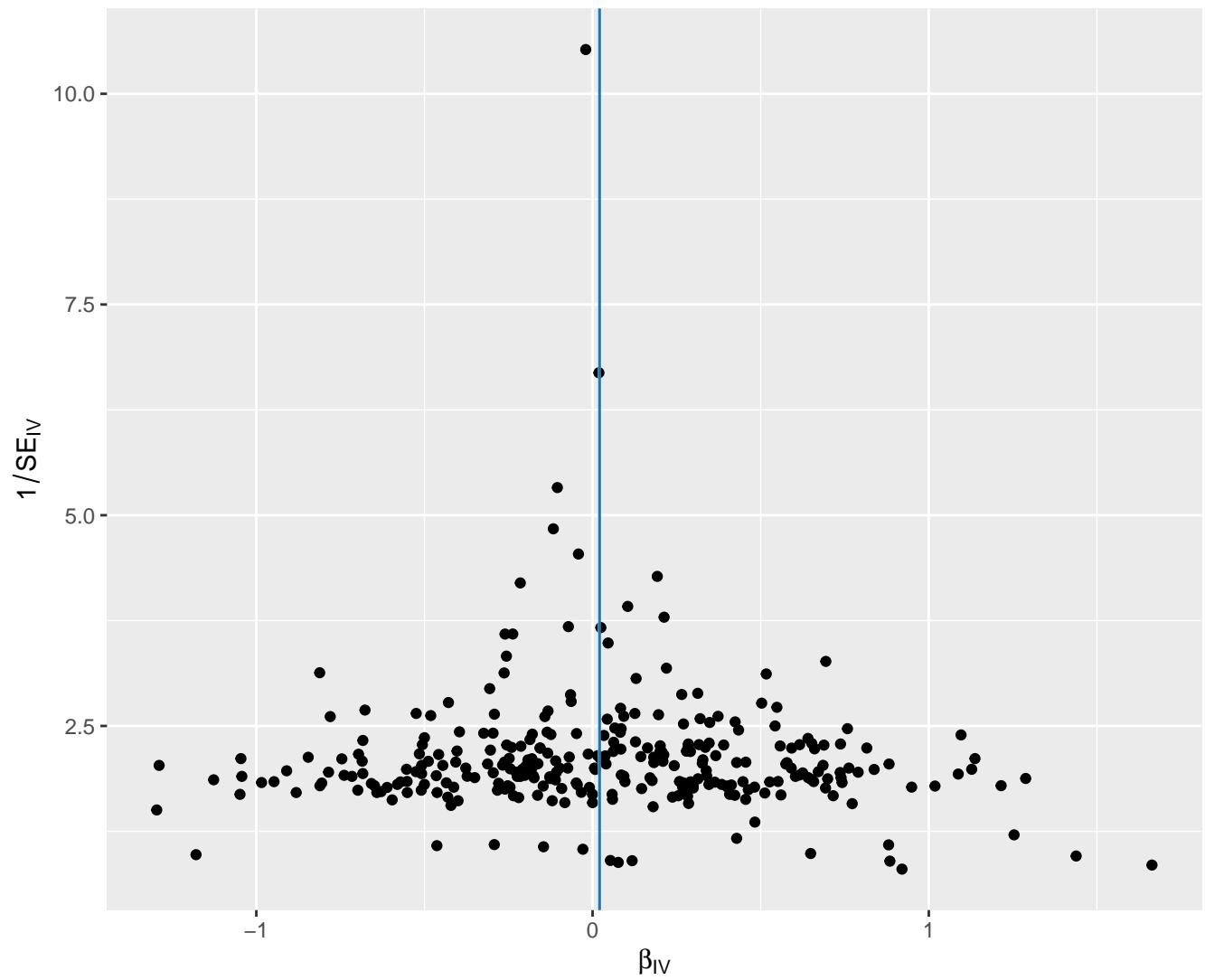
- Inverse variance weighted
- MR Egger



MR Method

 Inverse variance weighted

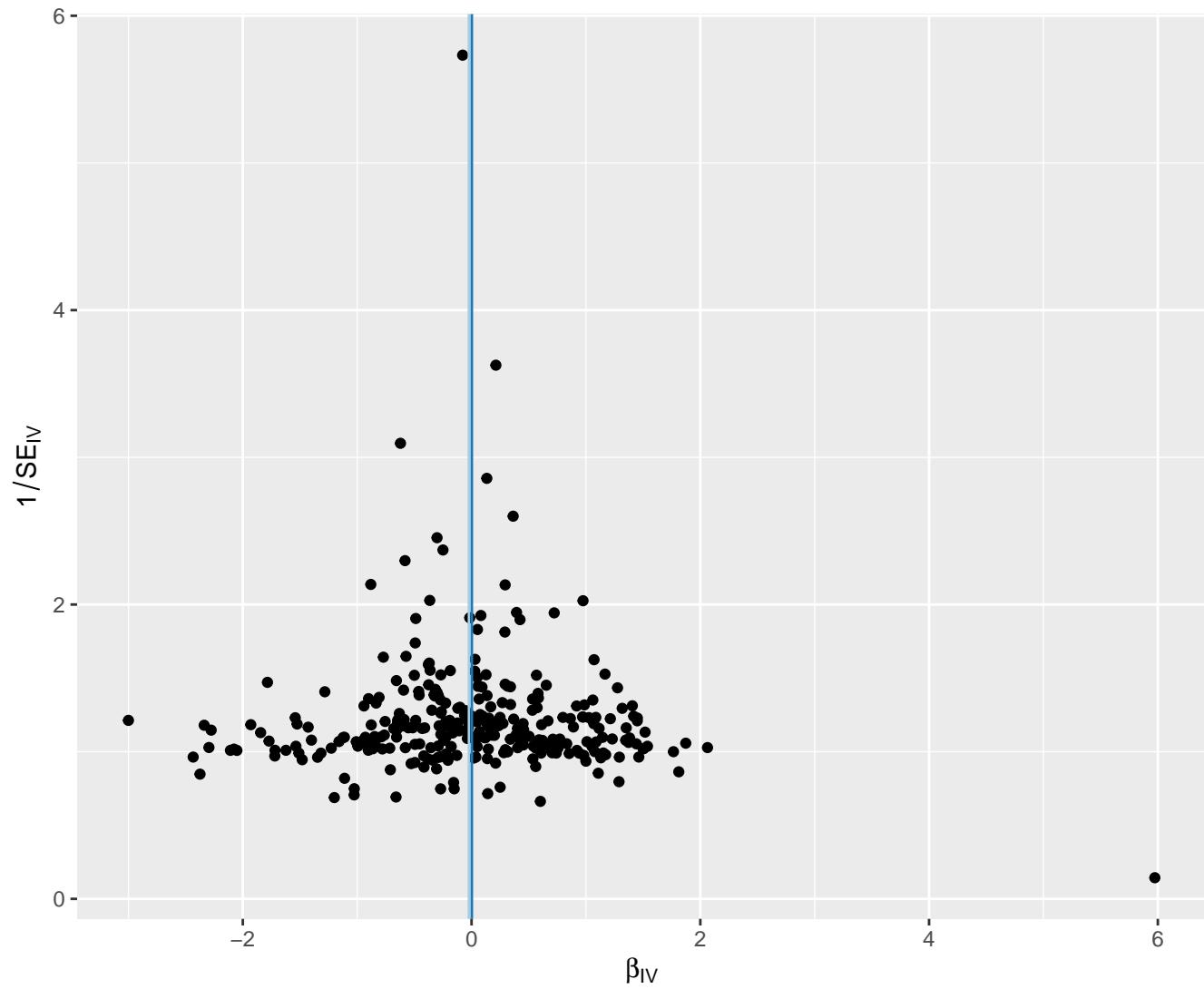
MR Egger



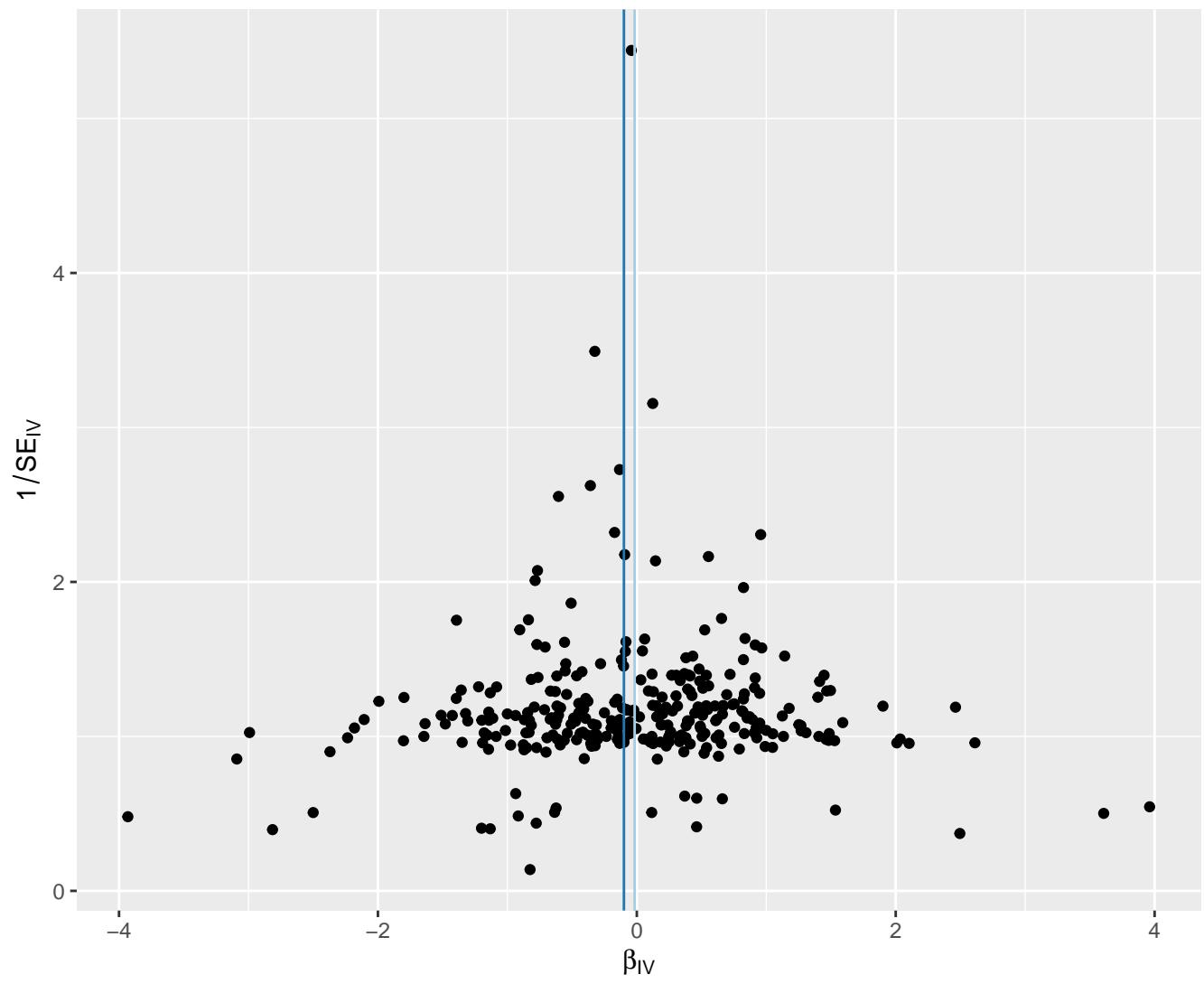
MR Method

Inverse variance weighted

MR Egger



MR Method

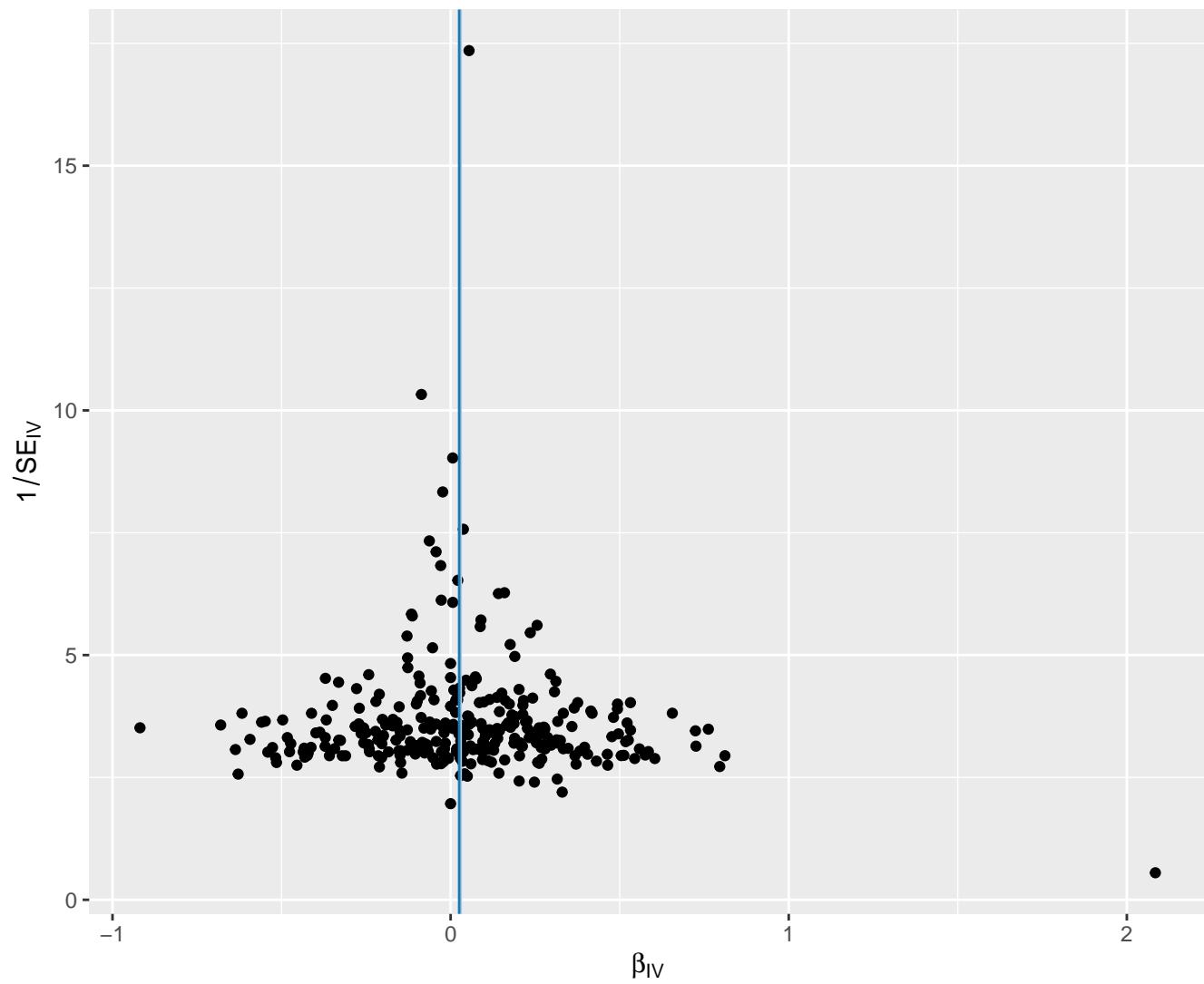
 Inverse variance weighted MR Egger

X-12206

MR Method

Inverse variance weighted

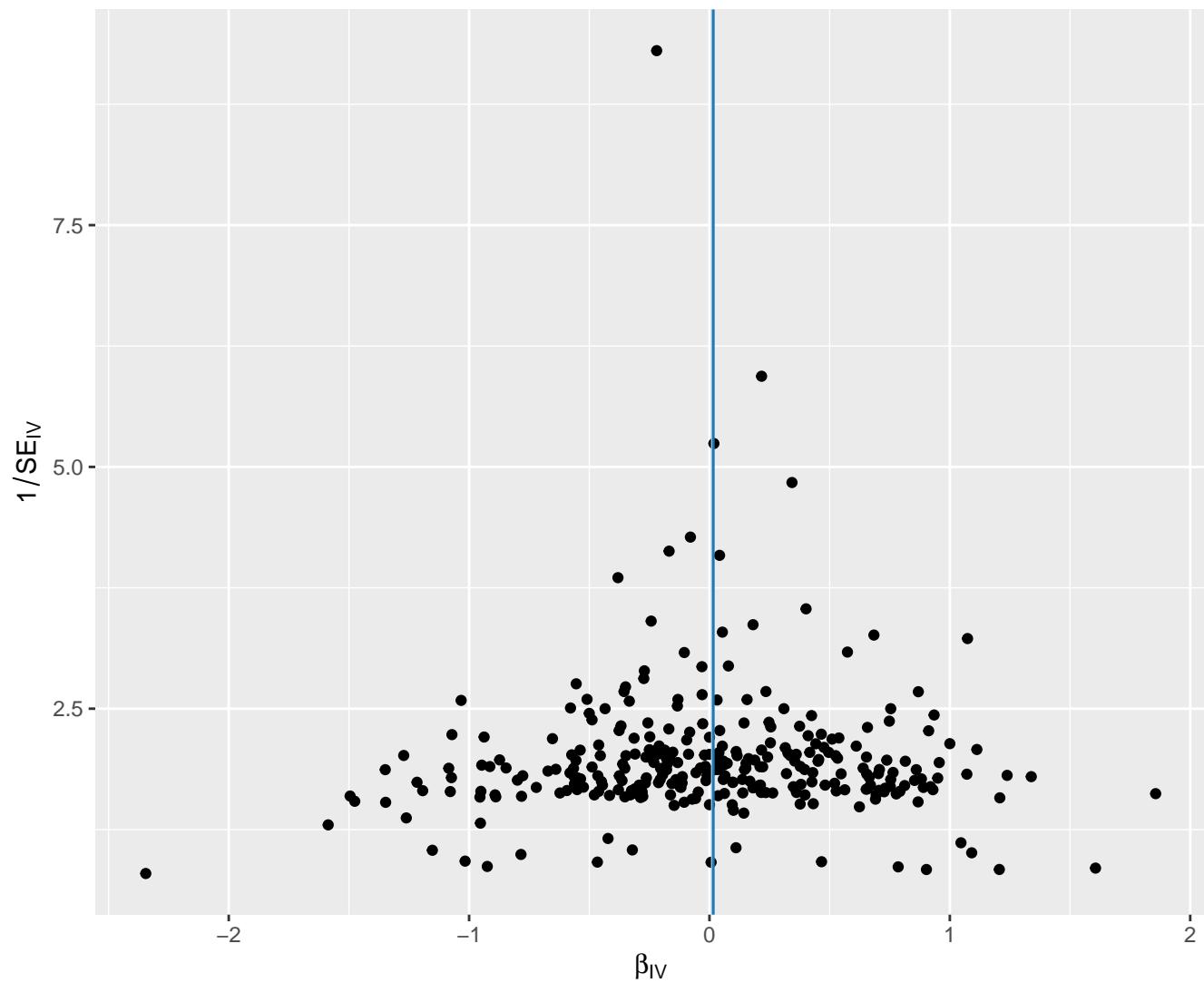
MR Egger



MR Method

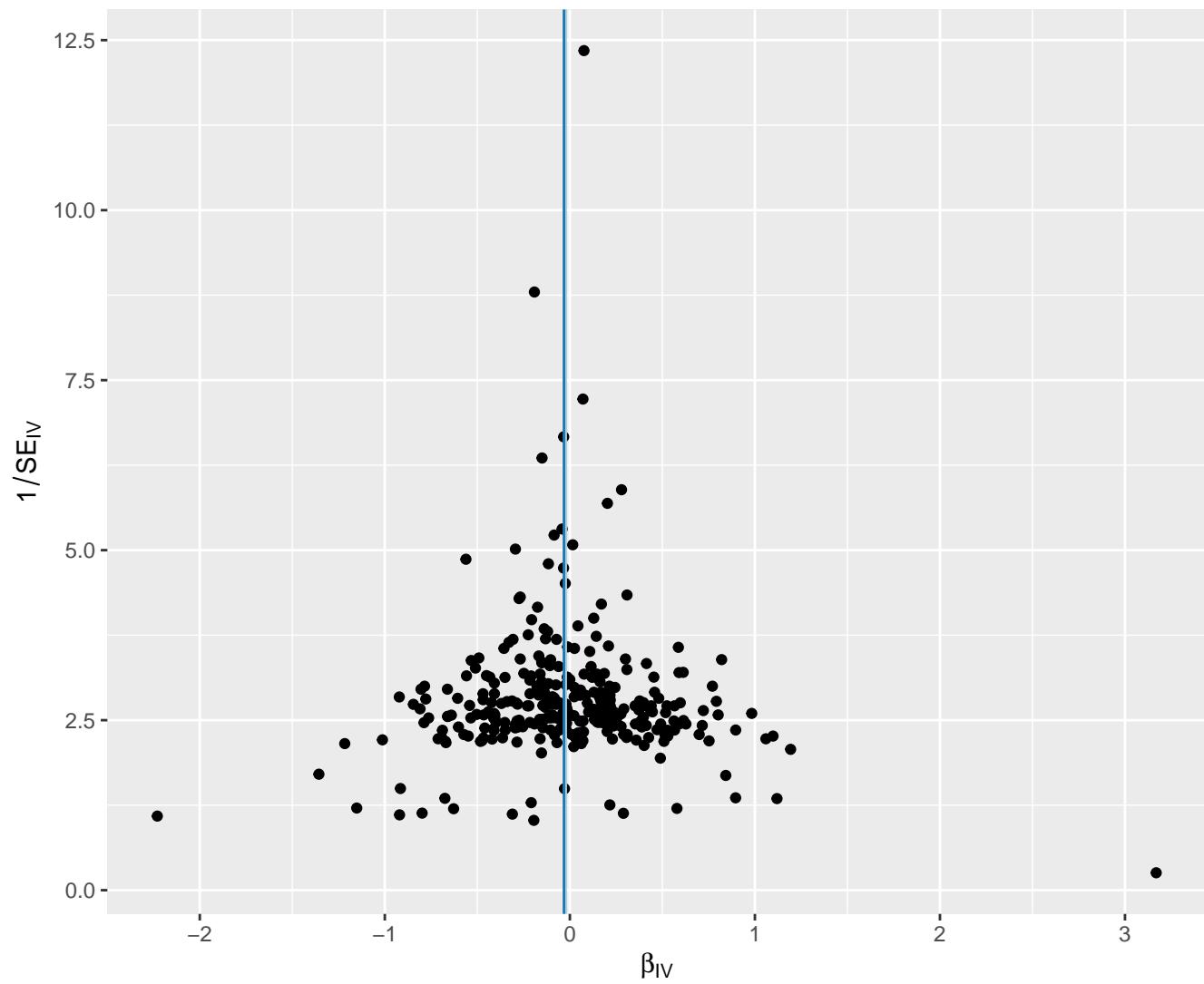
Inverse variance weighted

MR Egger



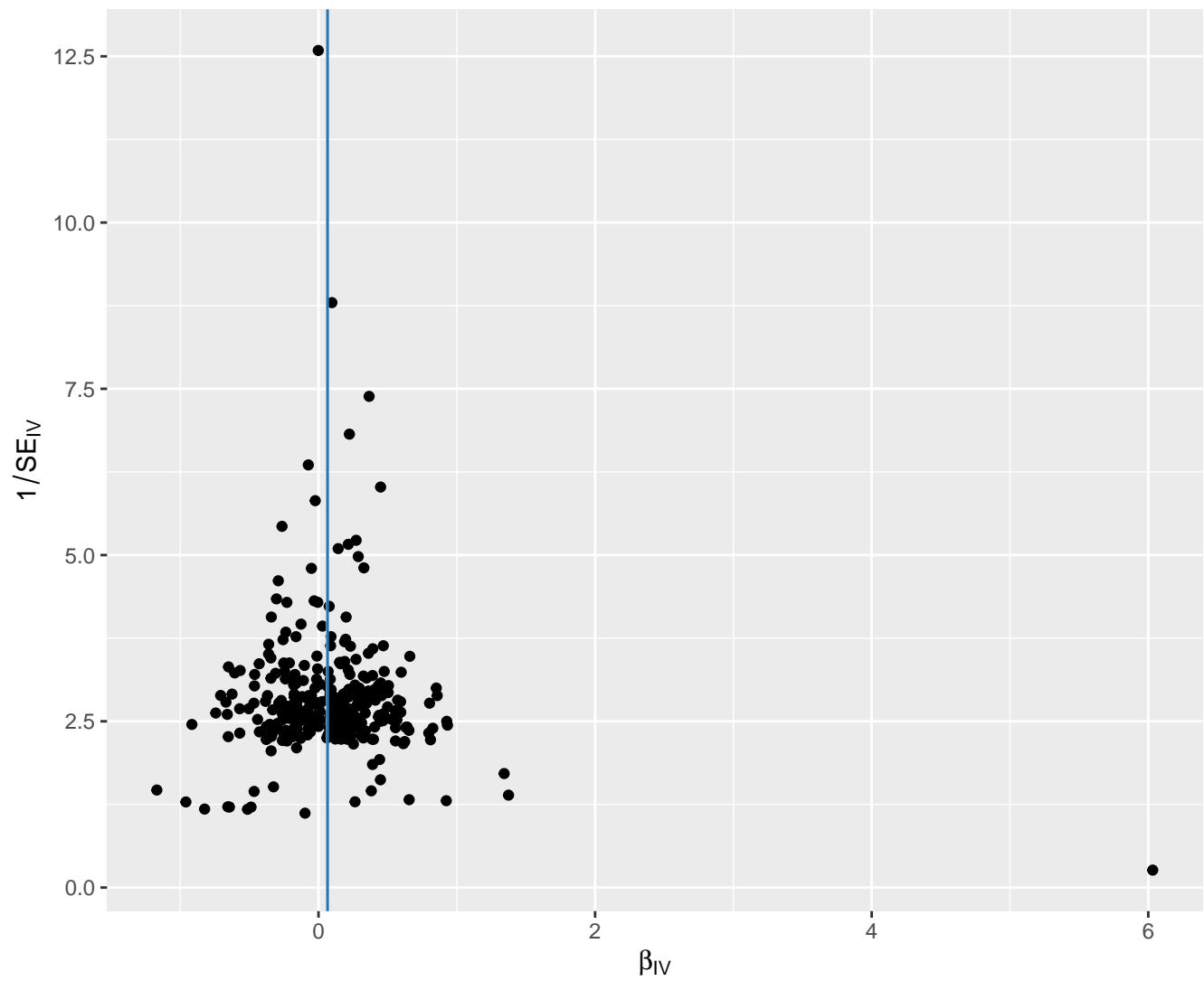
MR Method

- Inverse variance weighted
- MR Egger



MR Method

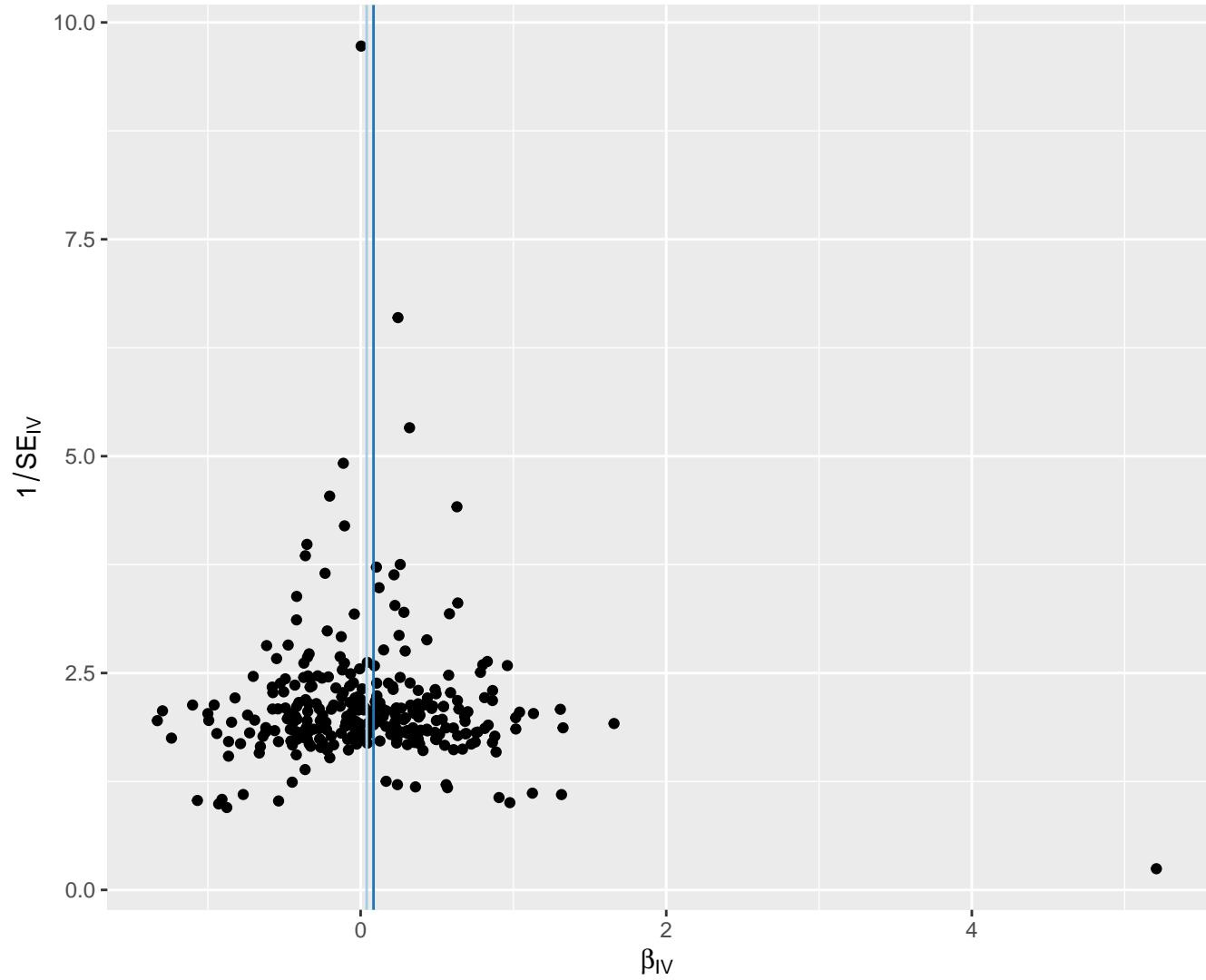
- Inverse variance weighted
- MR Egger



MR Method

 Inverse variance weighted

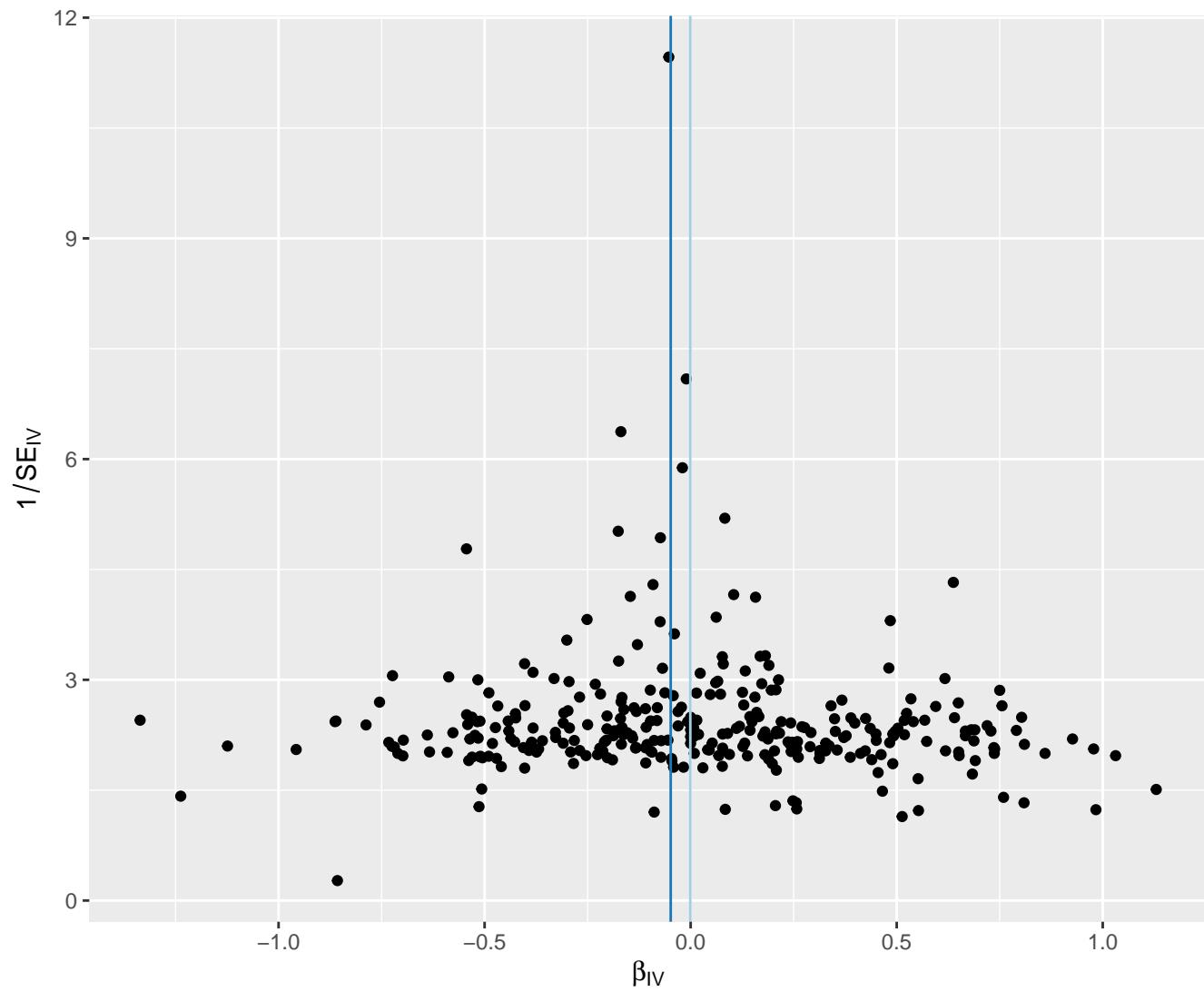
MR Egger



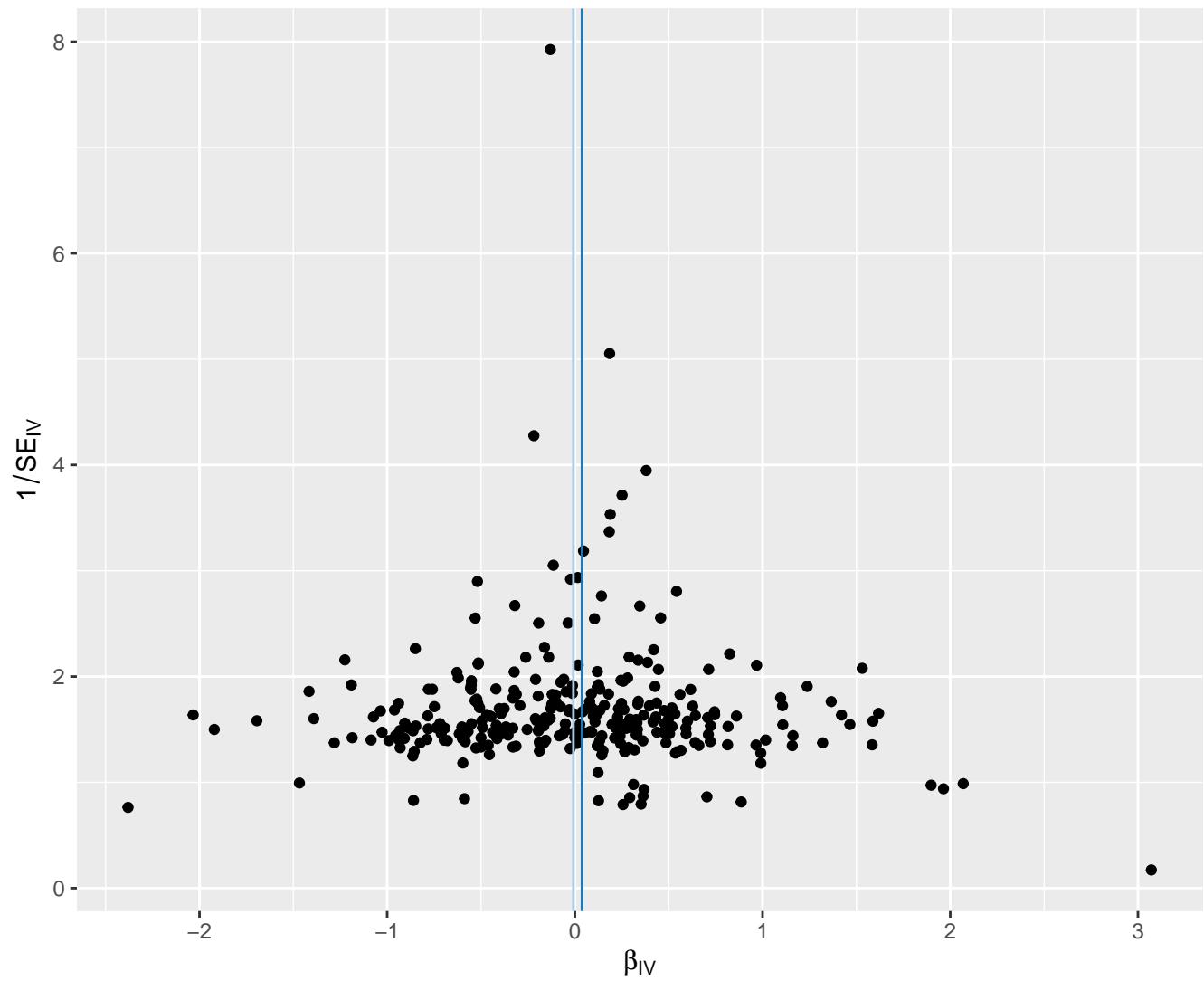
X-12231

MR Method

Inverse variance weighted
MR Egger



MR Method

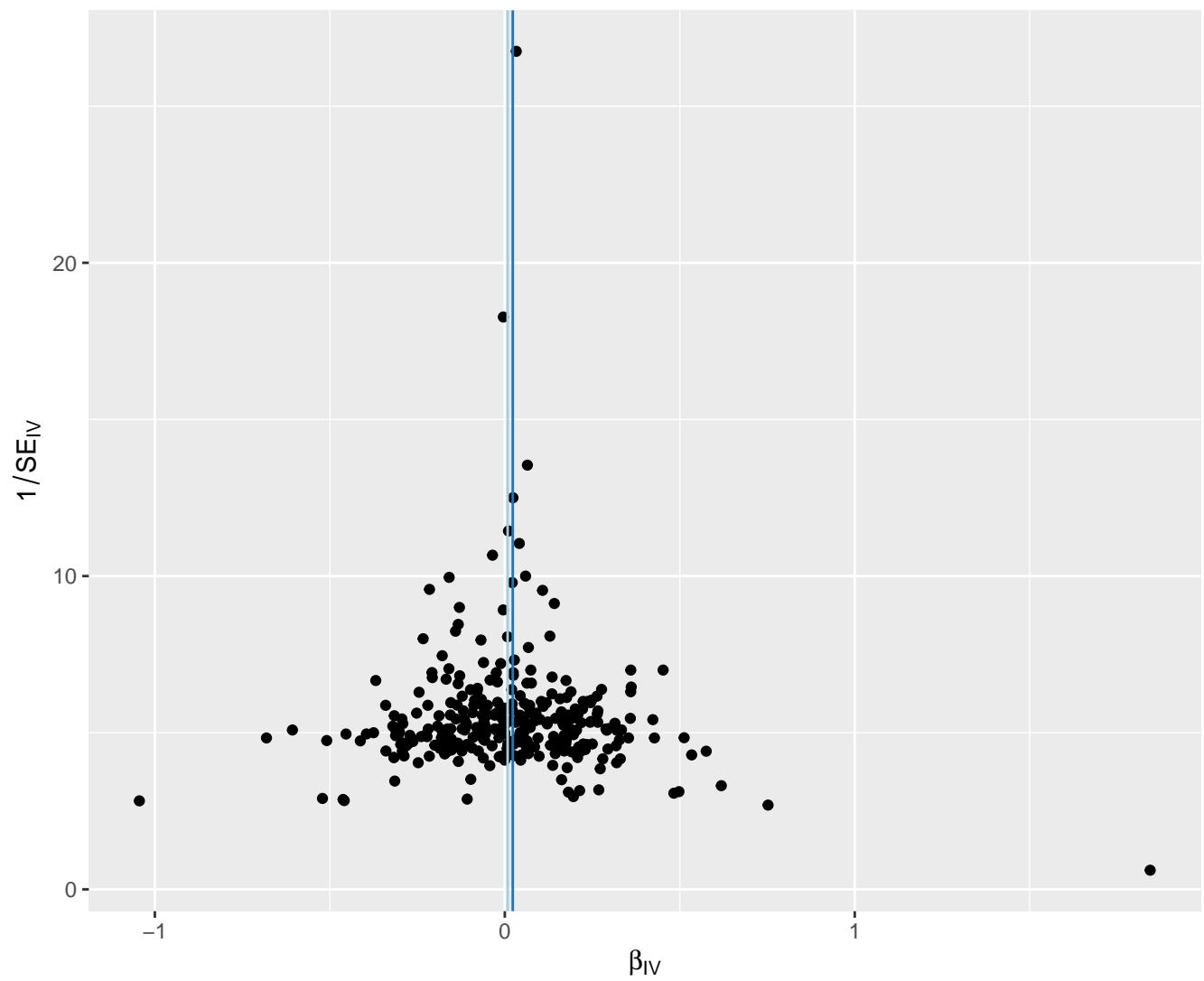
 Inverse variance weighted MR Egger

X-12244--N-acetylcarnosine

MR Method

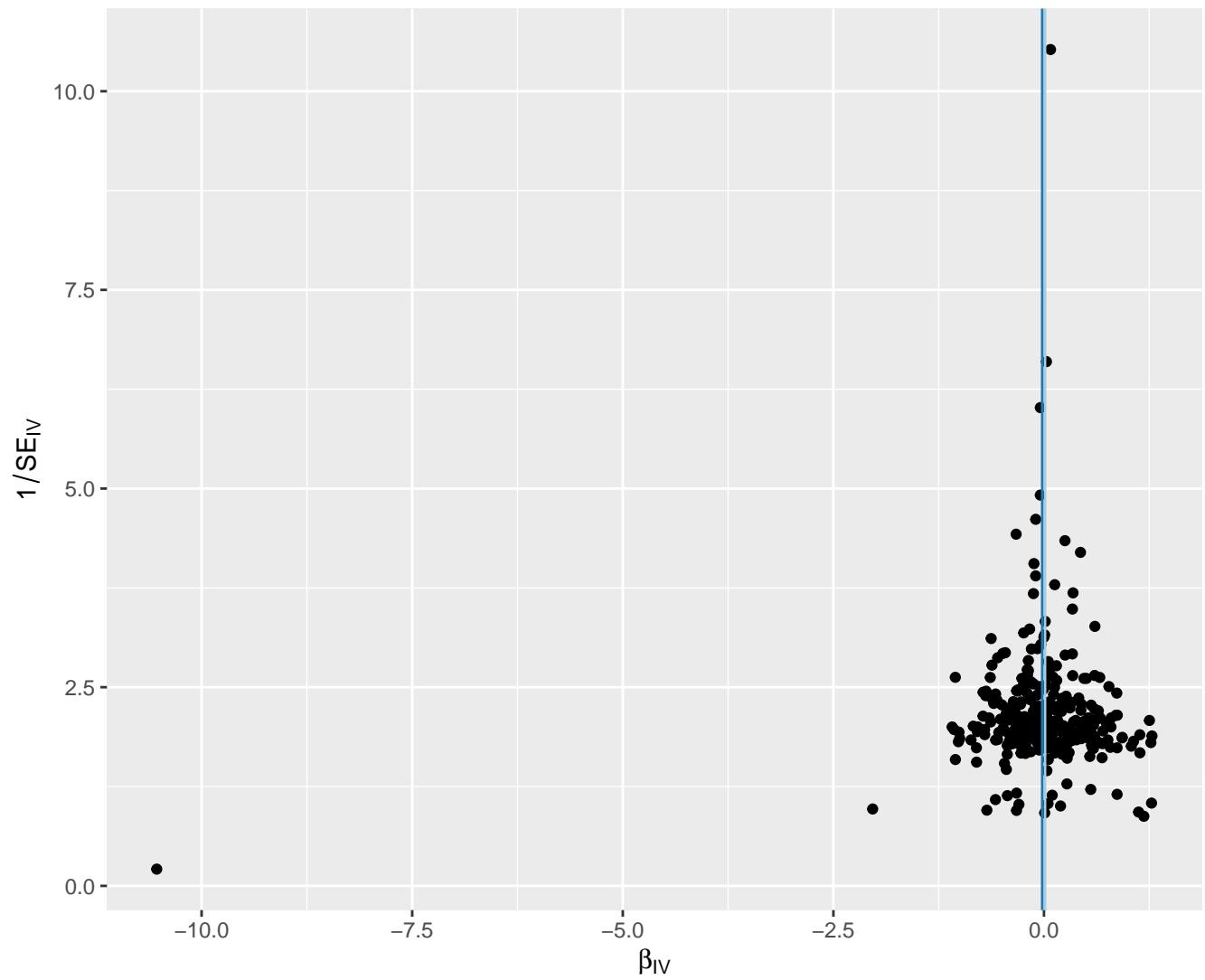
Inverse variance weighted

MR Egger



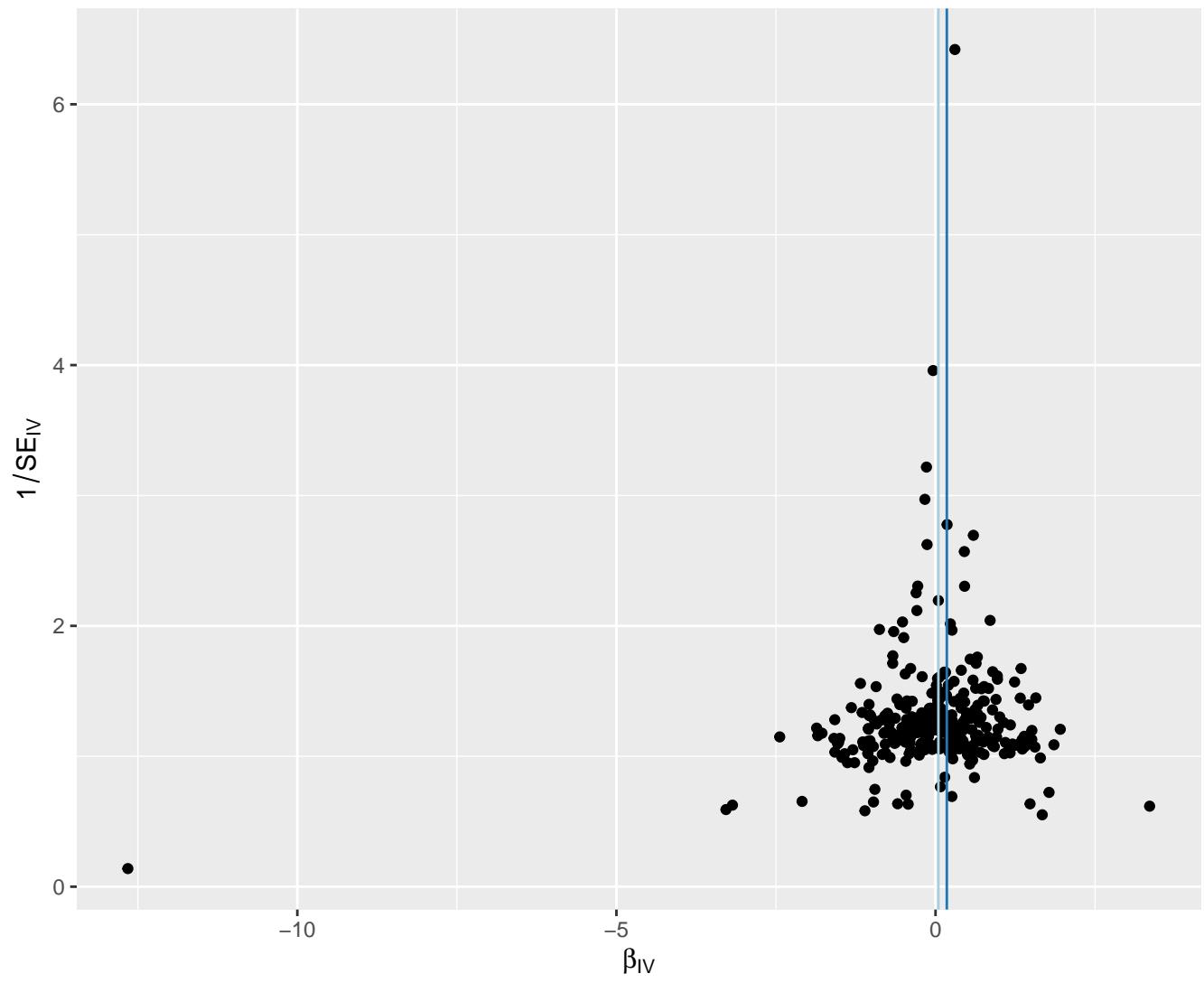
MR Method

- Inverse variance weighted
- MR Egger



MR Method

 Inverse variance weighted
 MR Egger

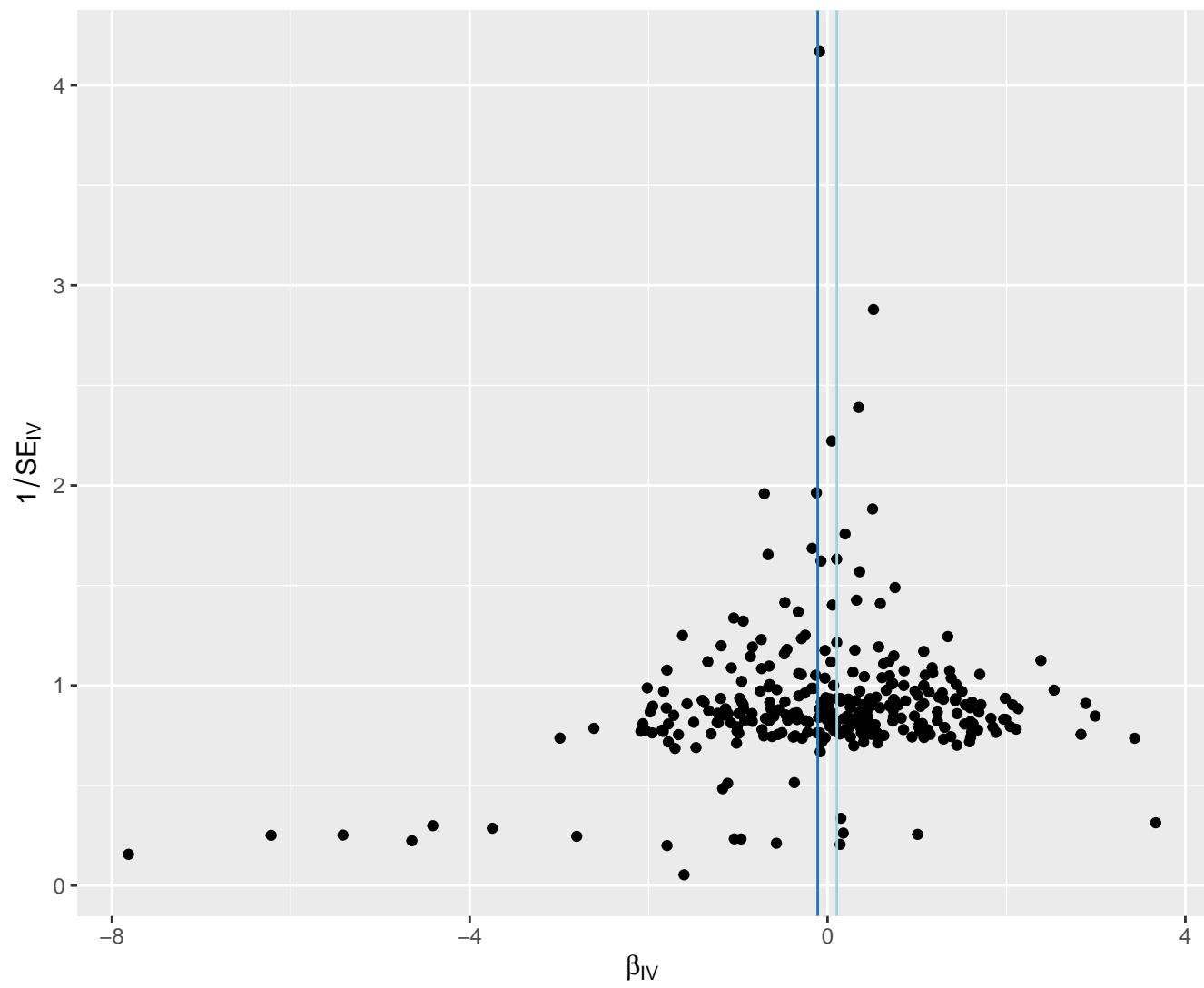


X-12329

MR Method

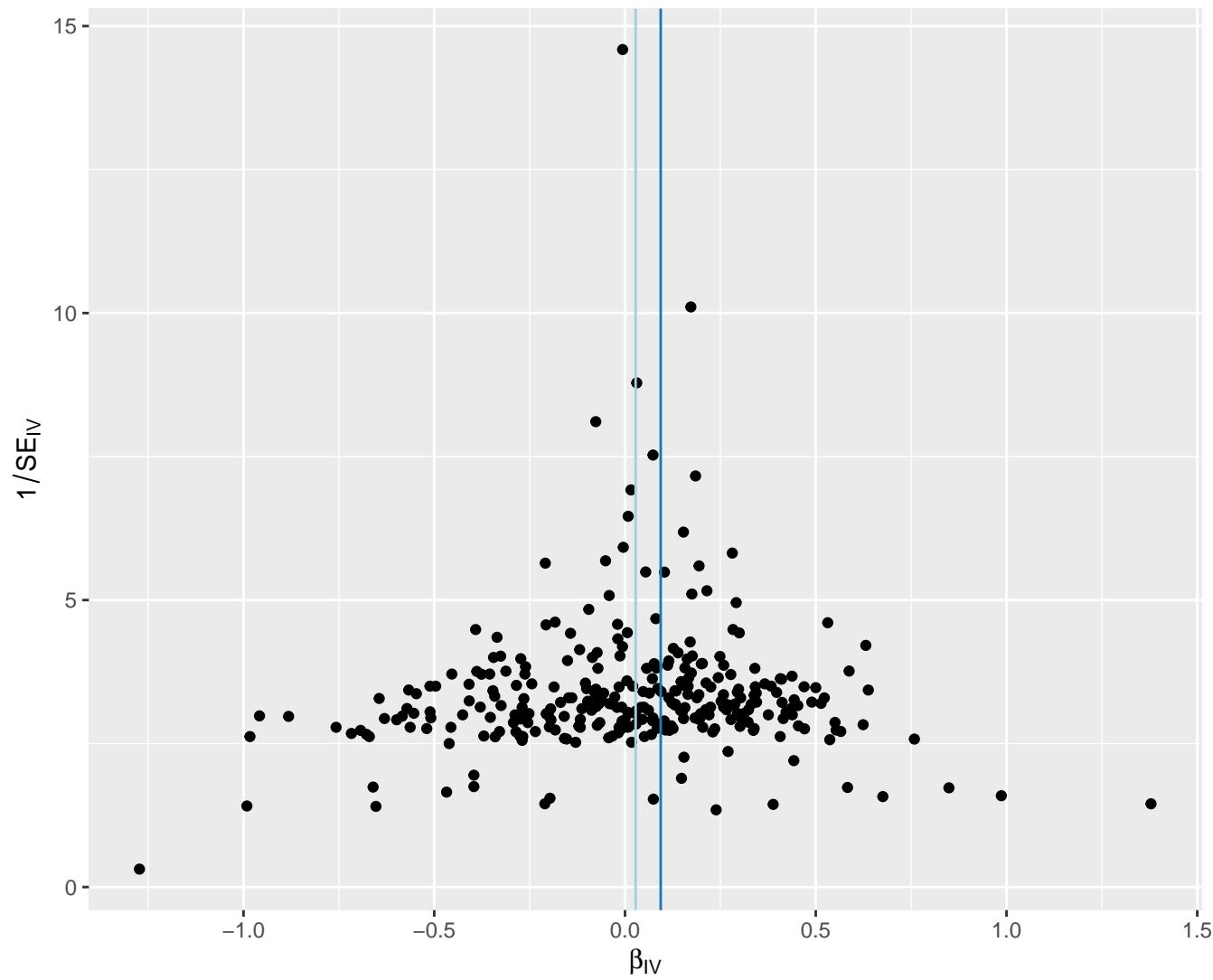
Inverse variance weighted

MR Egger

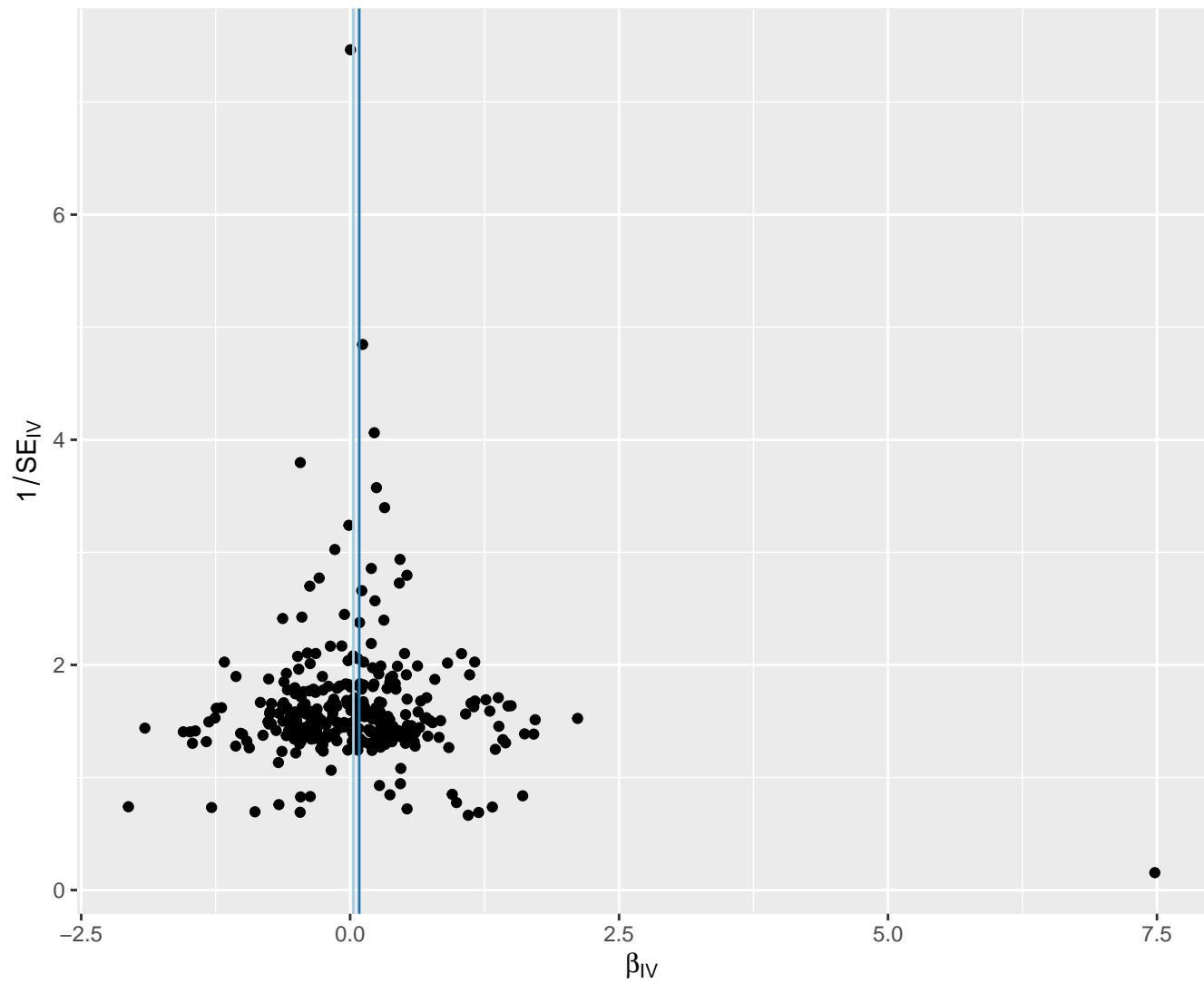


MR Method

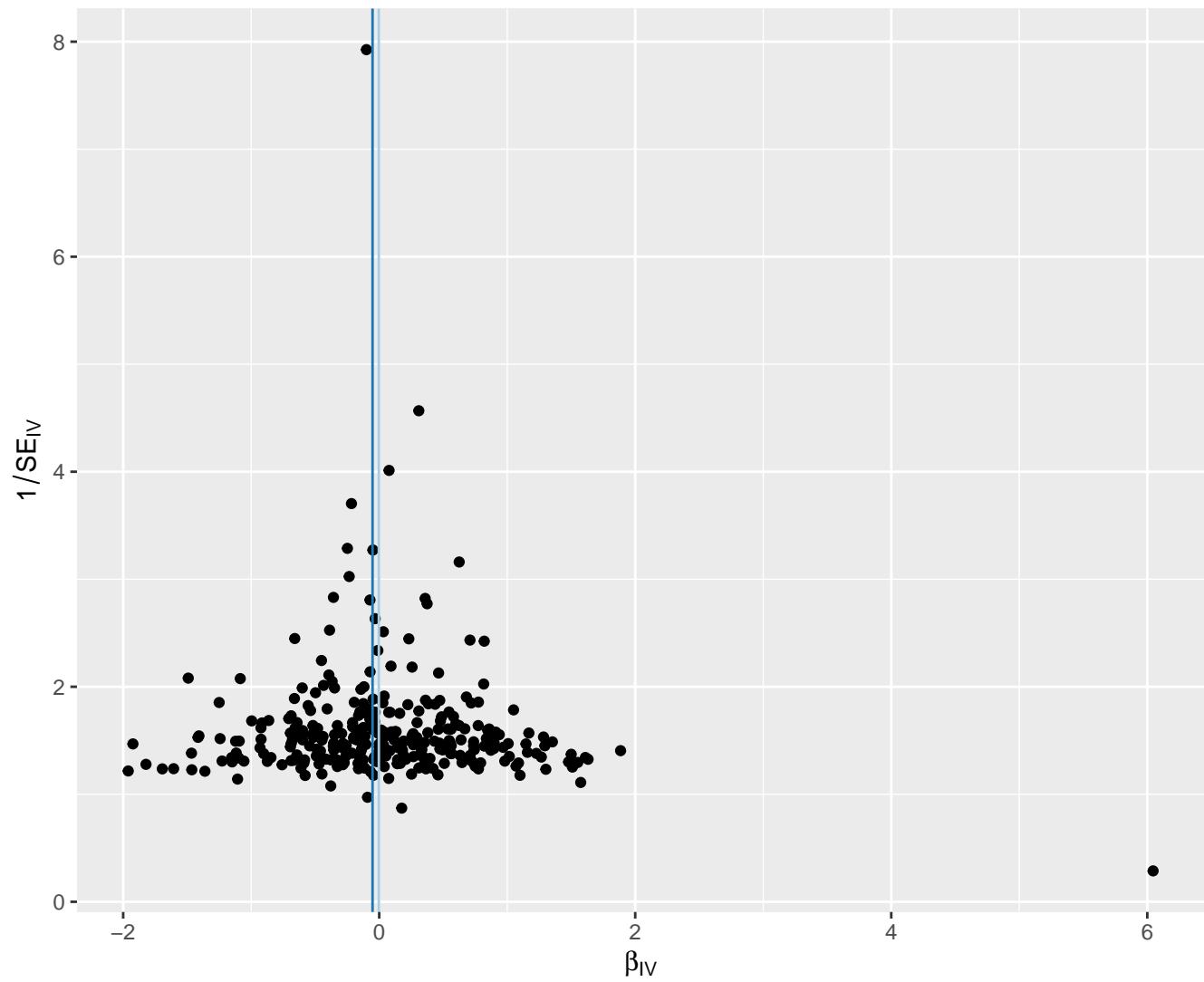
 Inverse variance weighted
MR Egger



MR Method

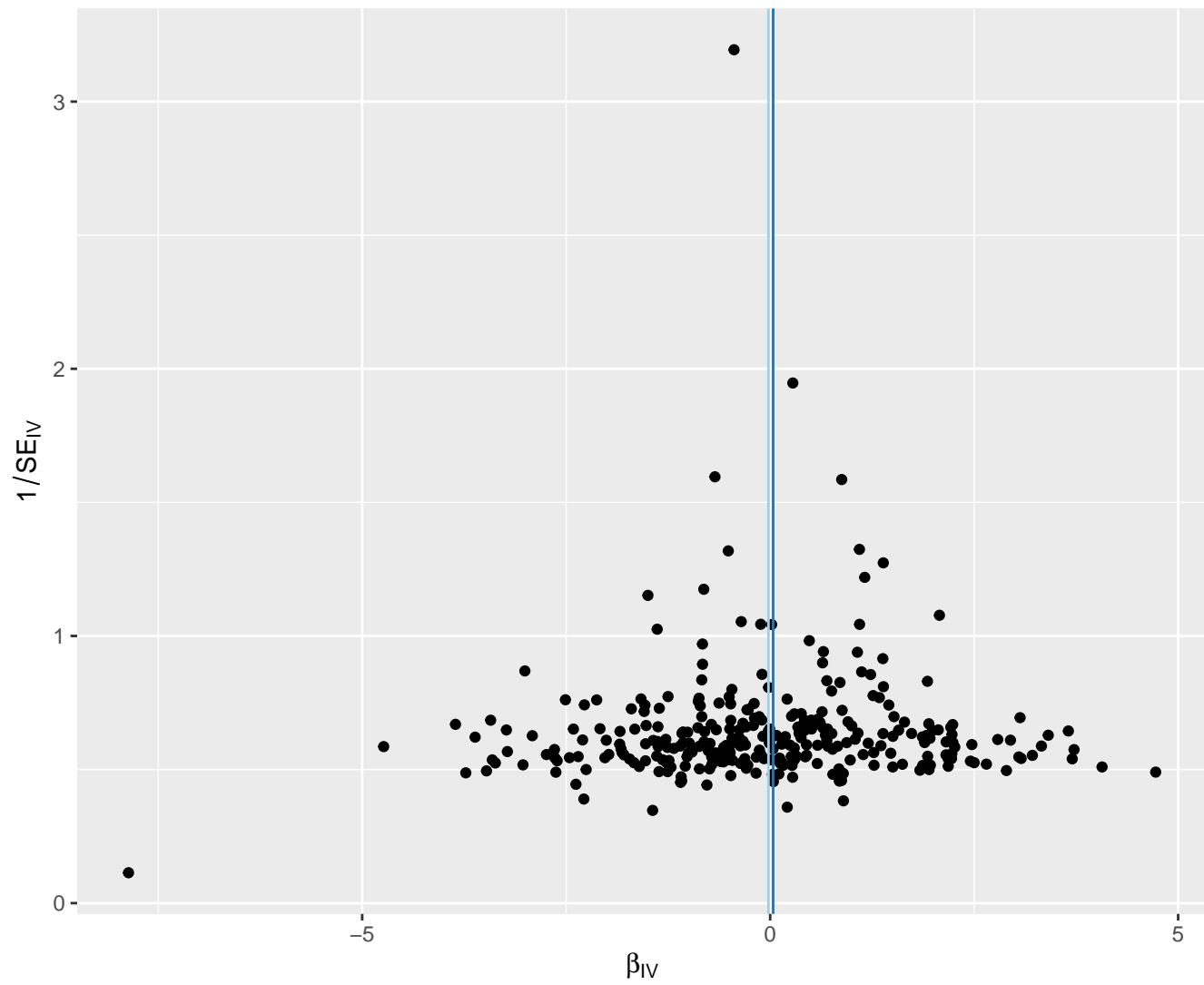
 Inverse variance weighted MR Egger

MR Method

 Inverse variance weighted MR Egger

MR Method

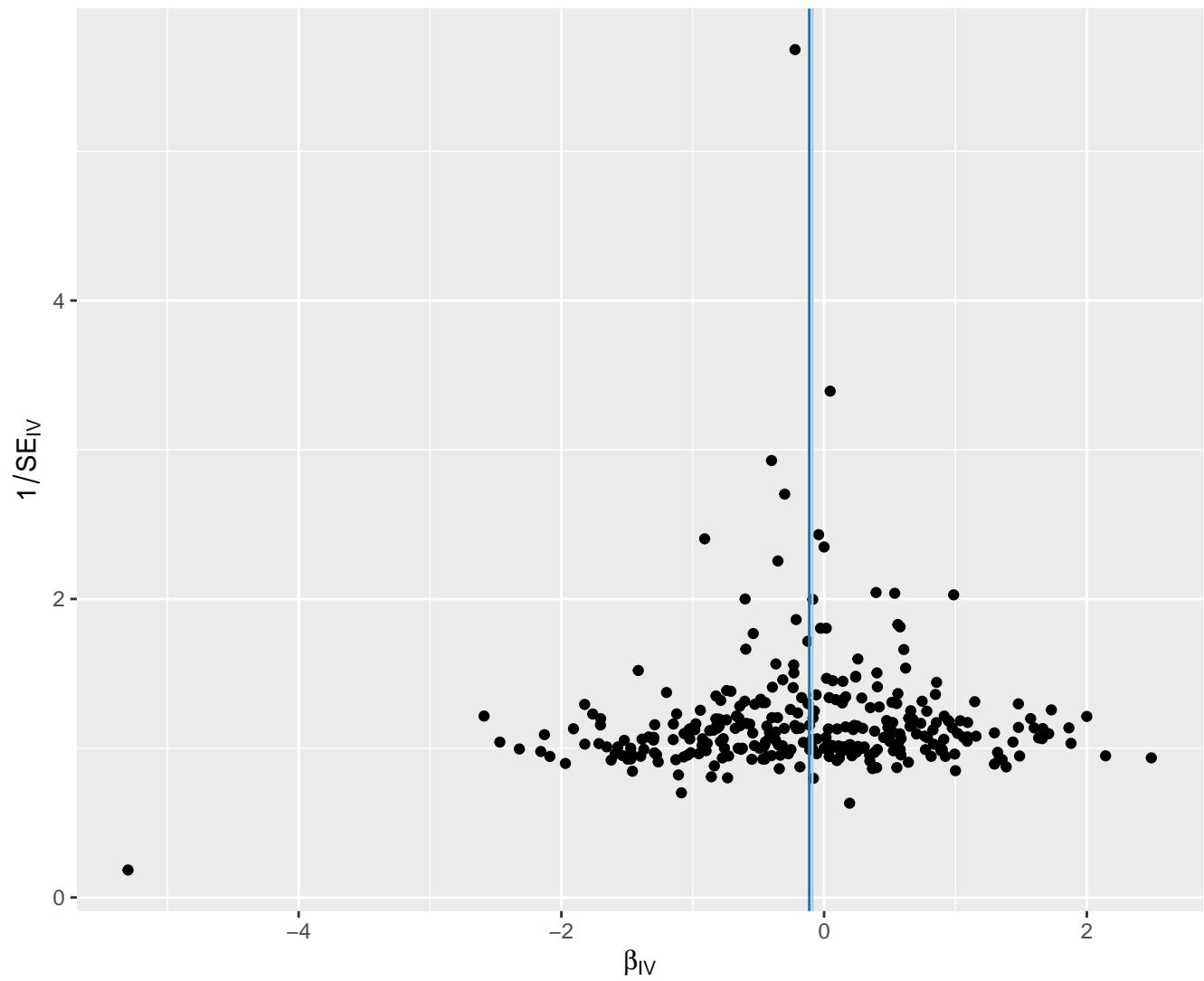
 Inverse variance weighted
 MR Egger



X-12441--12-hydroxyeicosatetraenoate (12-HETE)

MR Method

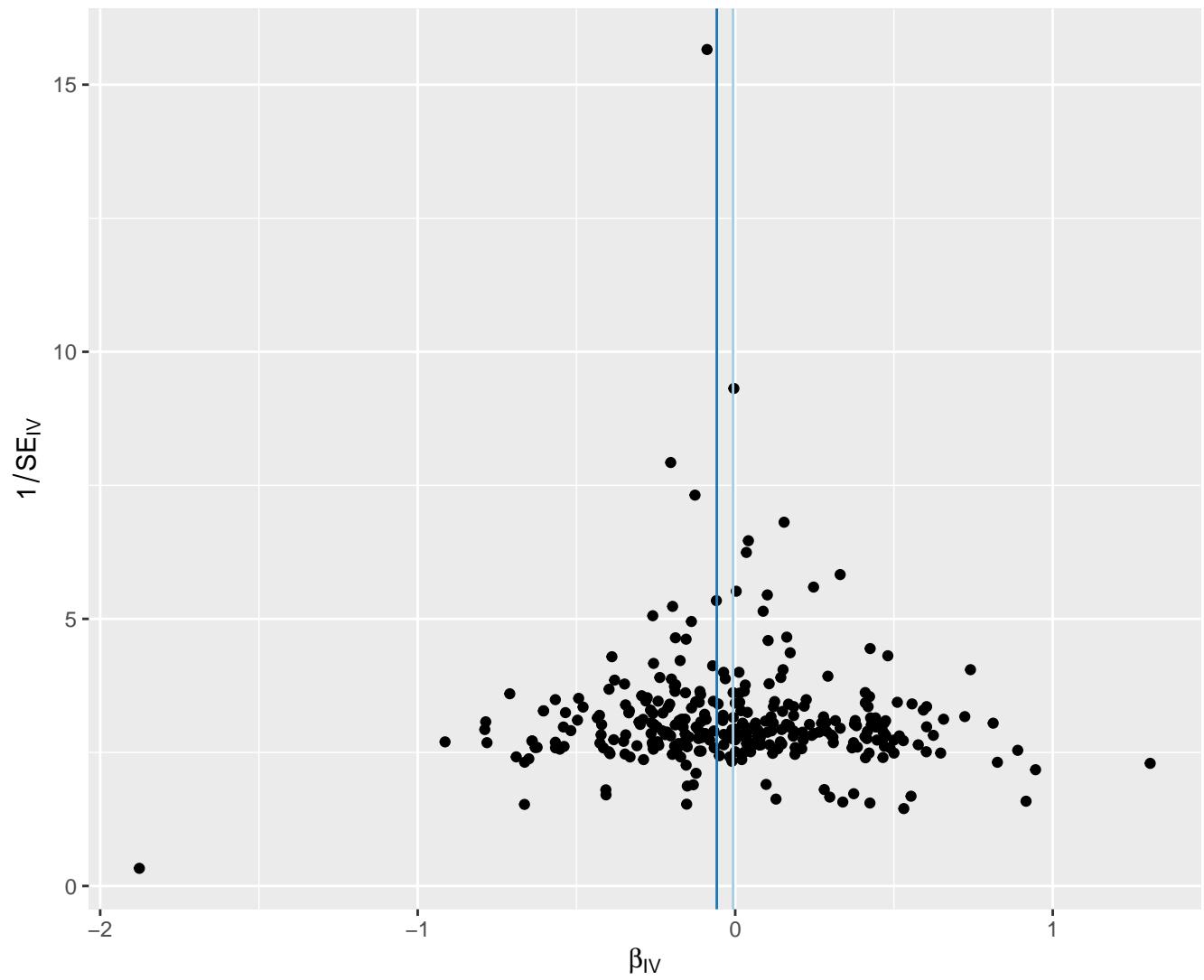
- Inverse variance weighted
- MR Egger



X-12442--5,8-tetradecadienoate

MR Method

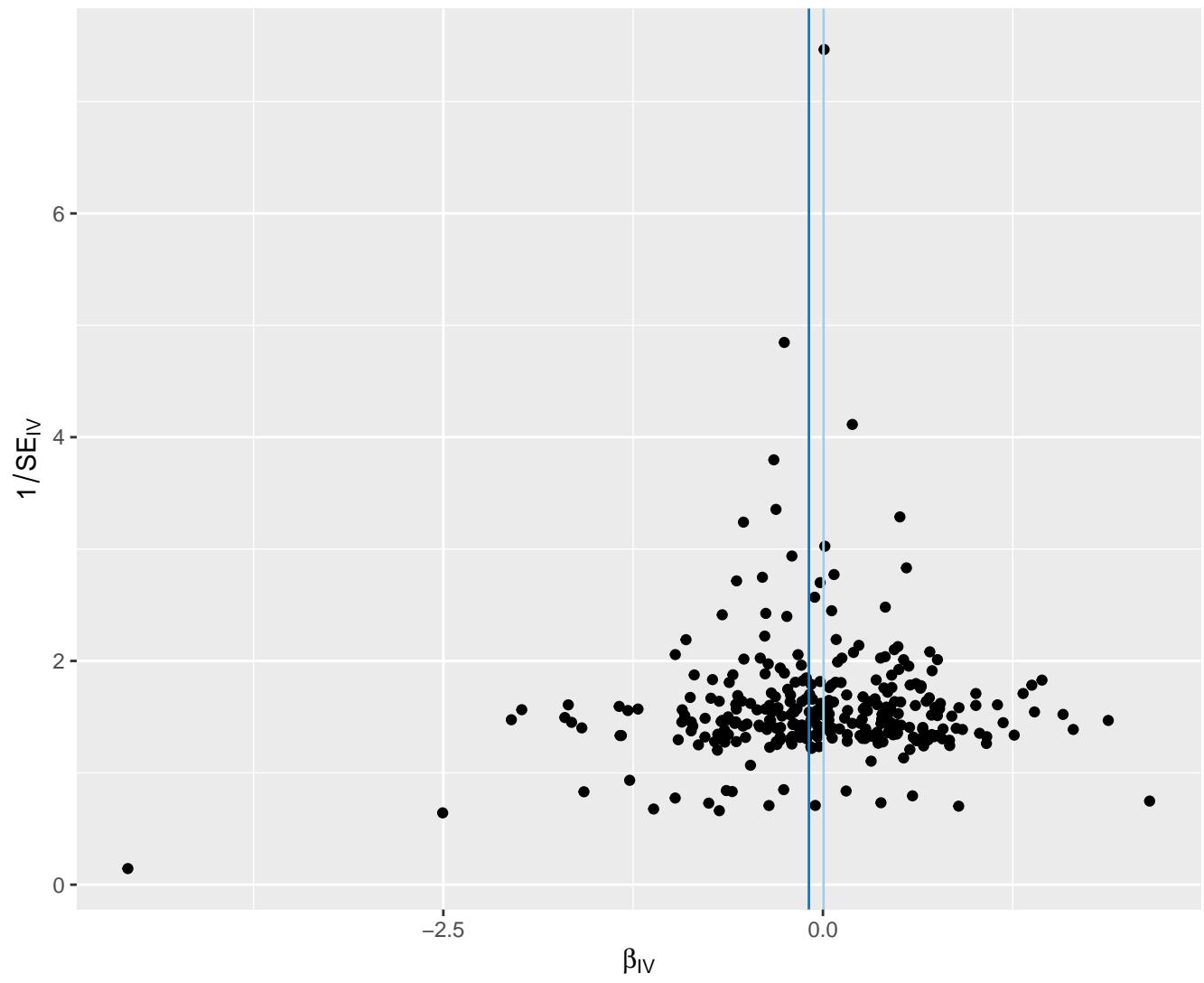
- Inverse variance weighted
- MR Egger



X-12443

MR Method

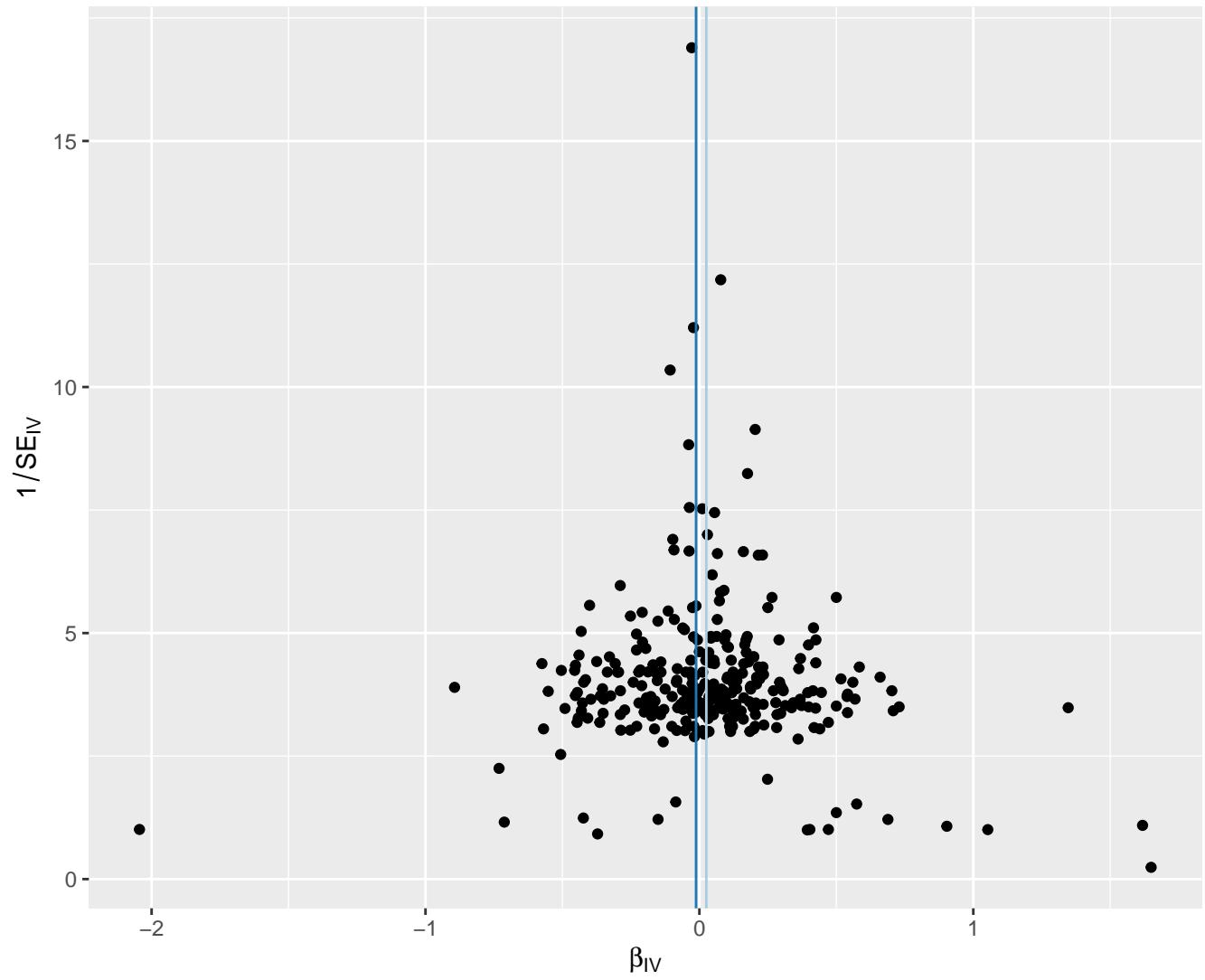
 Inverse variance weighted
 MR Egger



X-12450

MR Method

- Inverse variance weighted
- MR Egger

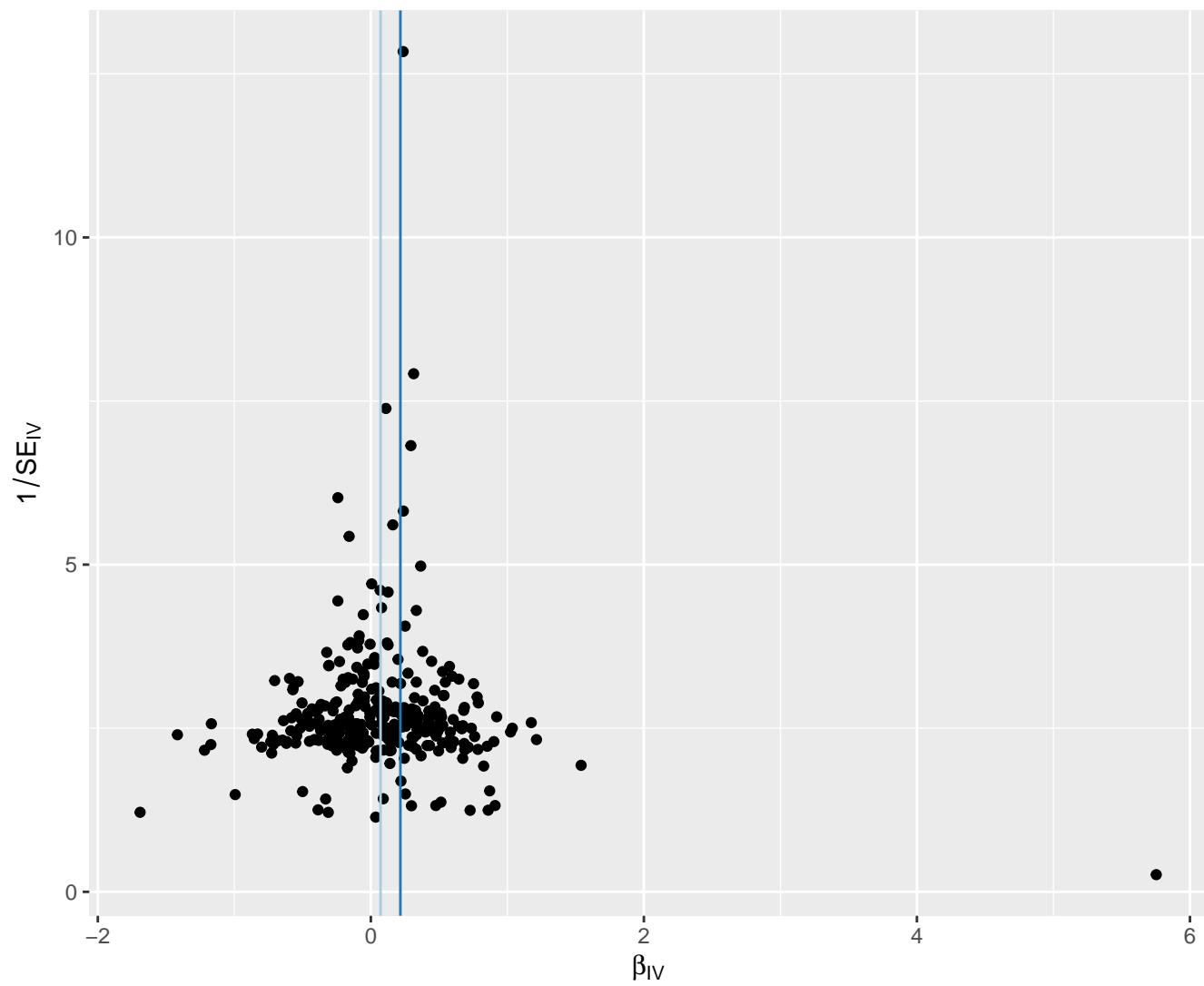


X-12456

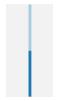
MR Method

Inverse variance weighted

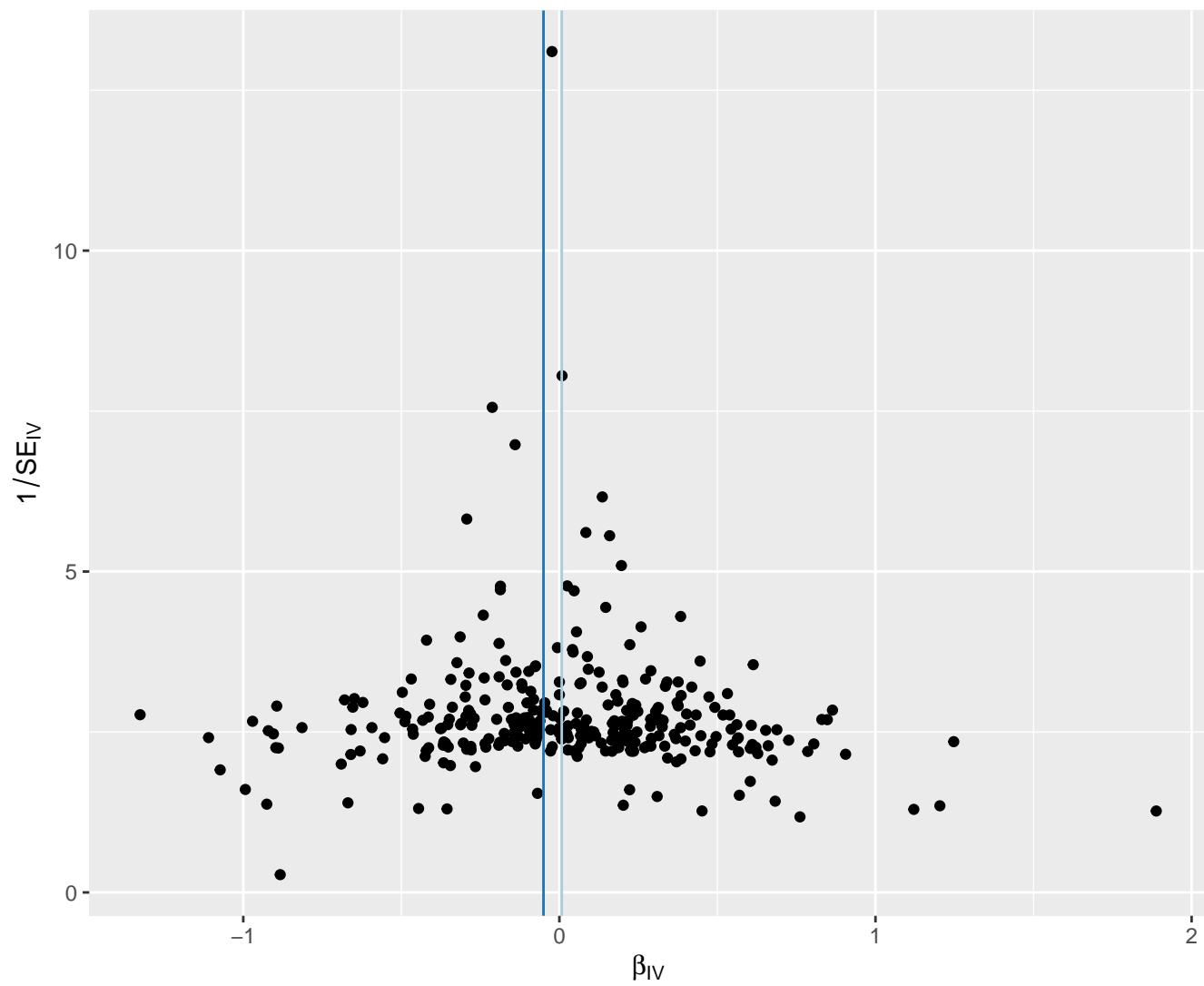
MR Egger



MR Method

 Inverse variance weighted

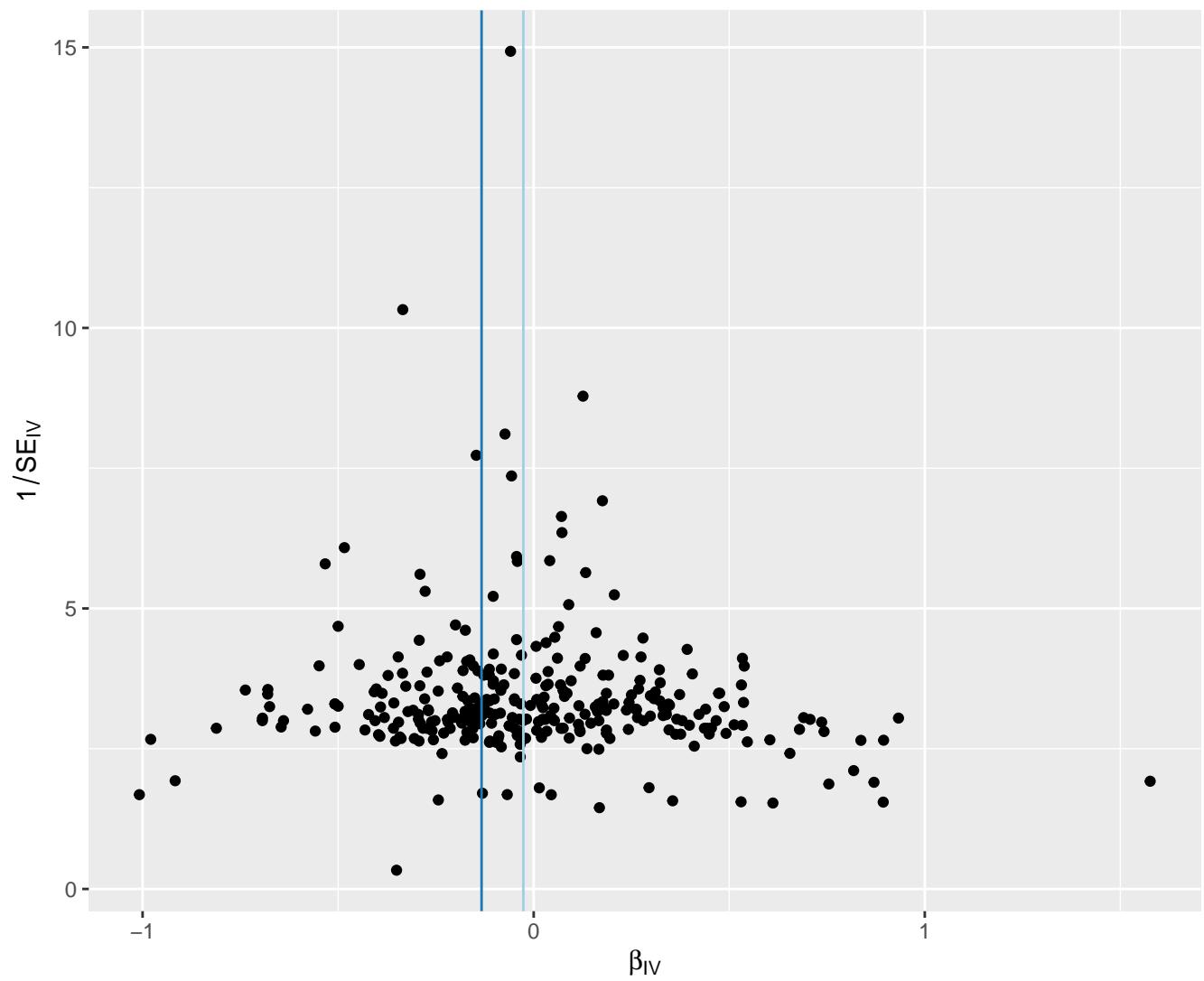
MR Egger



X-12510--2-aminooctanoic acid

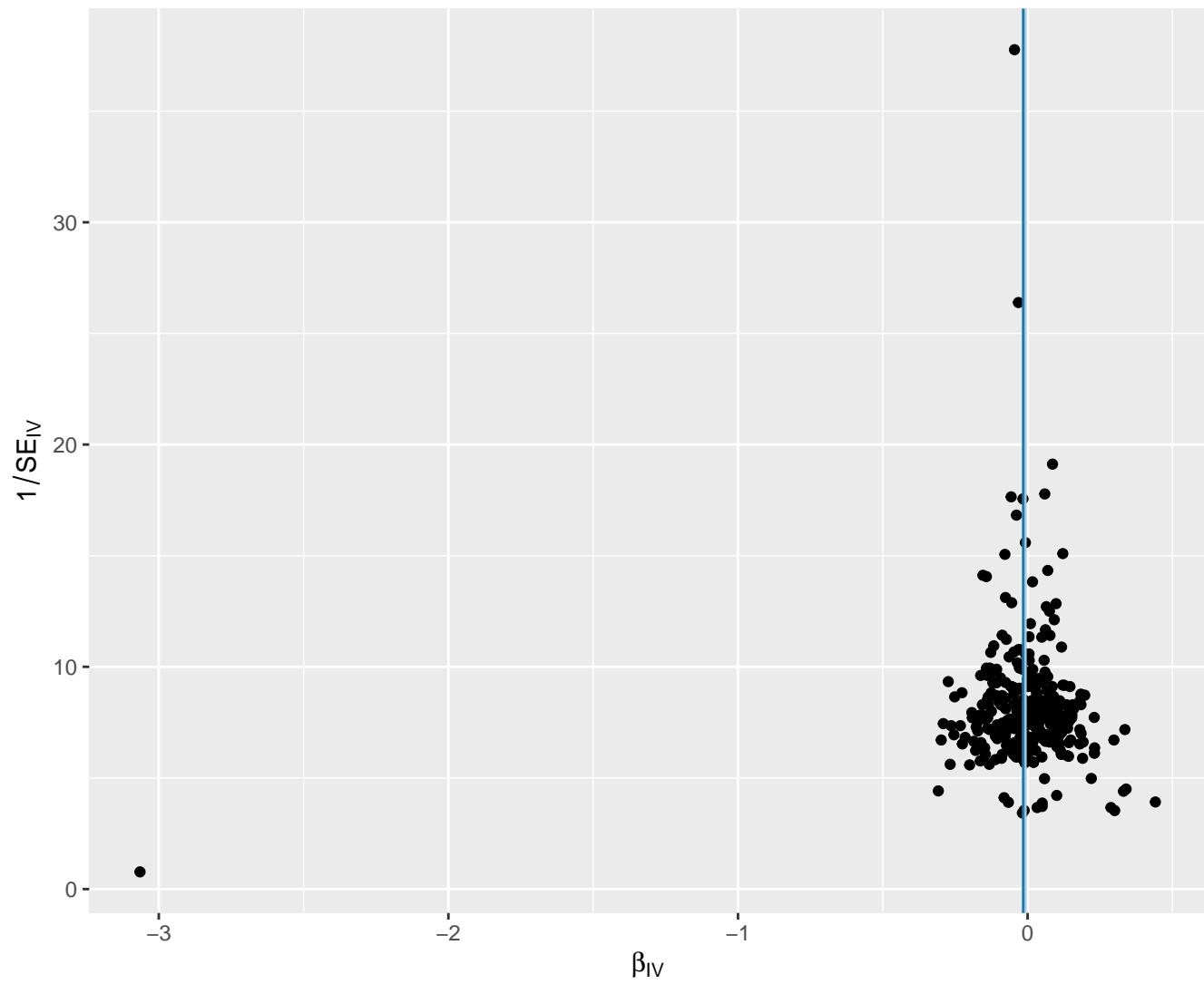
MR Method

- Inverse variance weighted
- MR Egger



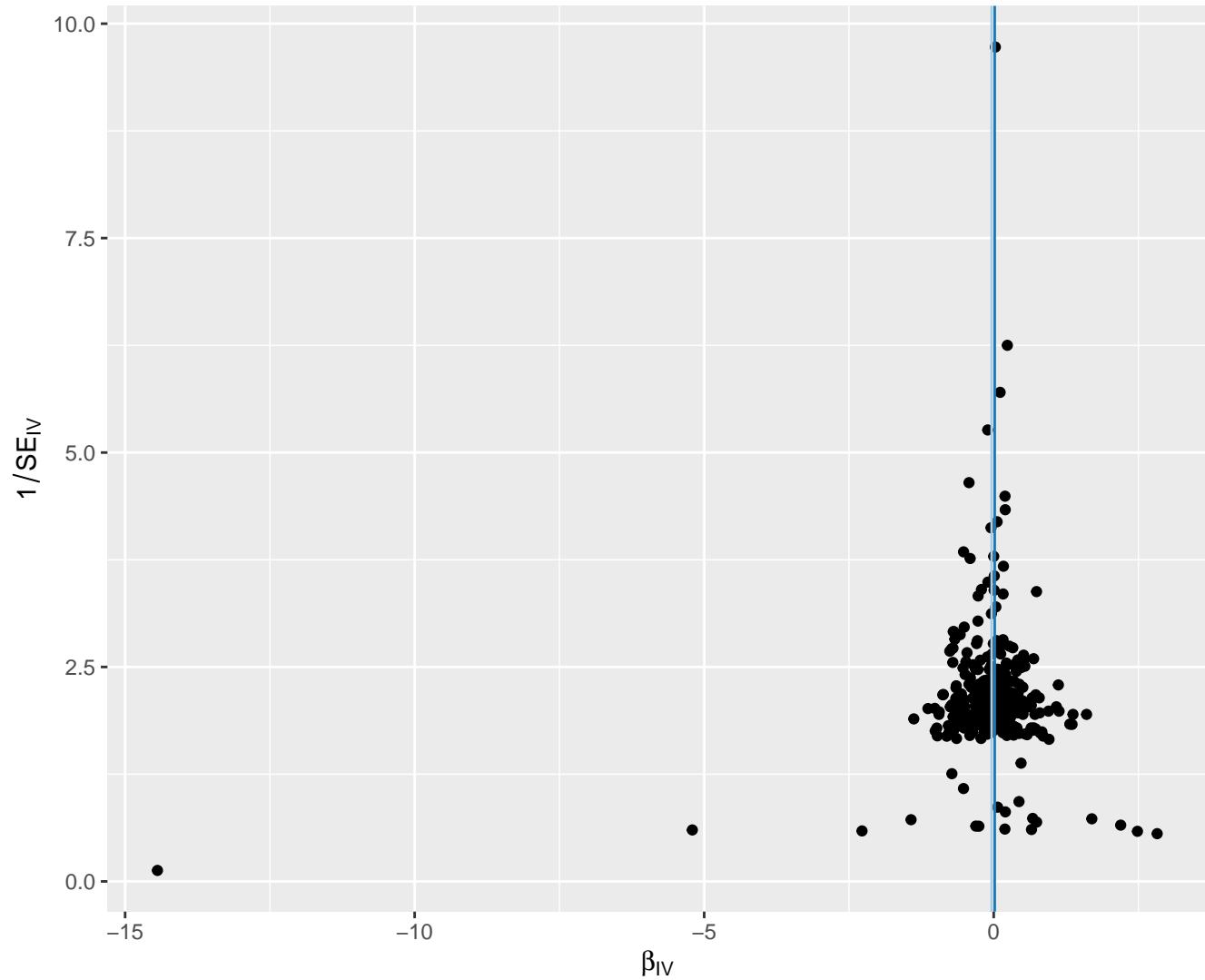
MR Method

- Inverse variance weighted
- MR Egger



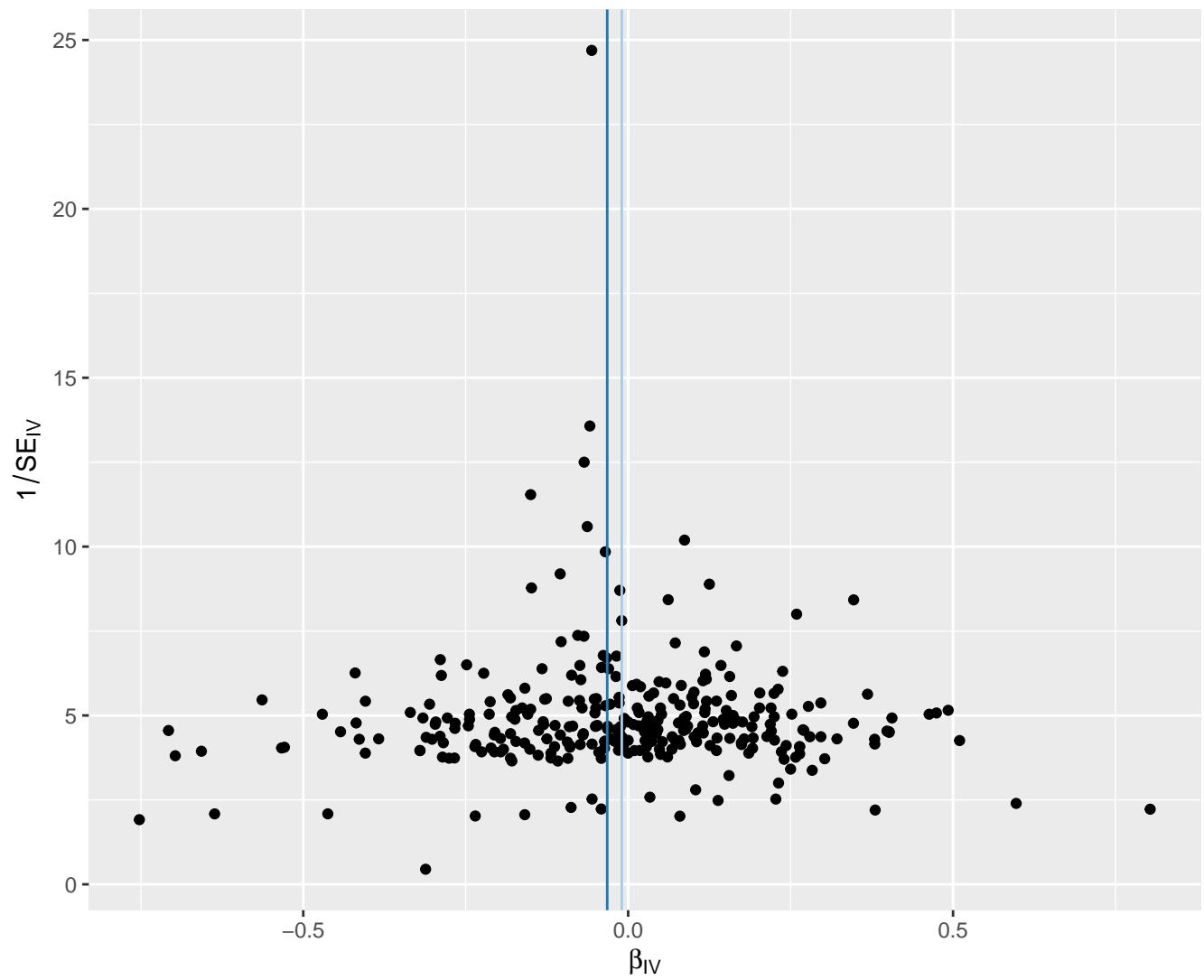
MR Method

- Light blue vertical line Inverse variance weighted
- Dark blue vertical line MR Egger



MR Method

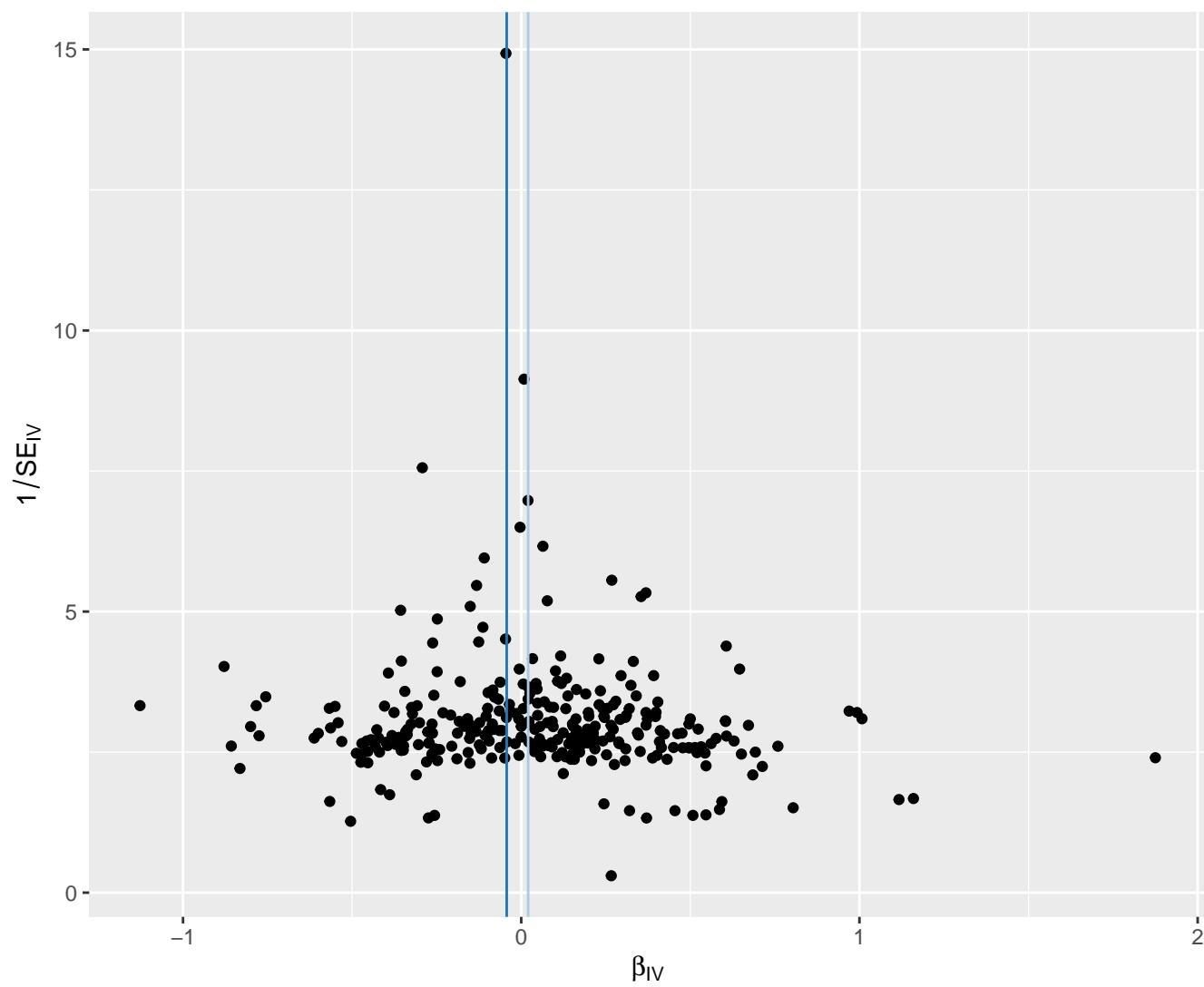
- Inverse variance weighted
- MR Egger



MR Method

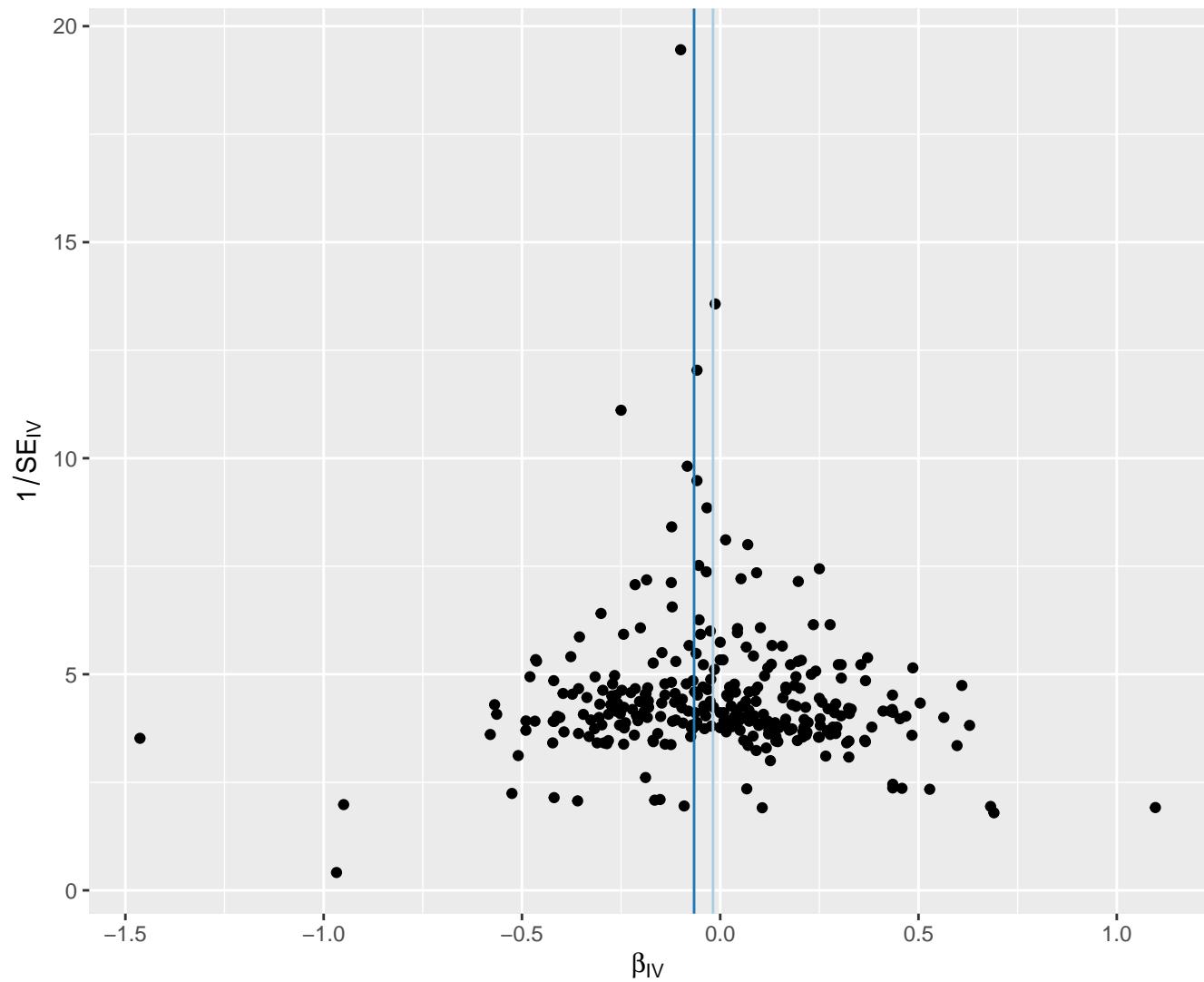
Inverse variance weighted

MR Egger



MR Method

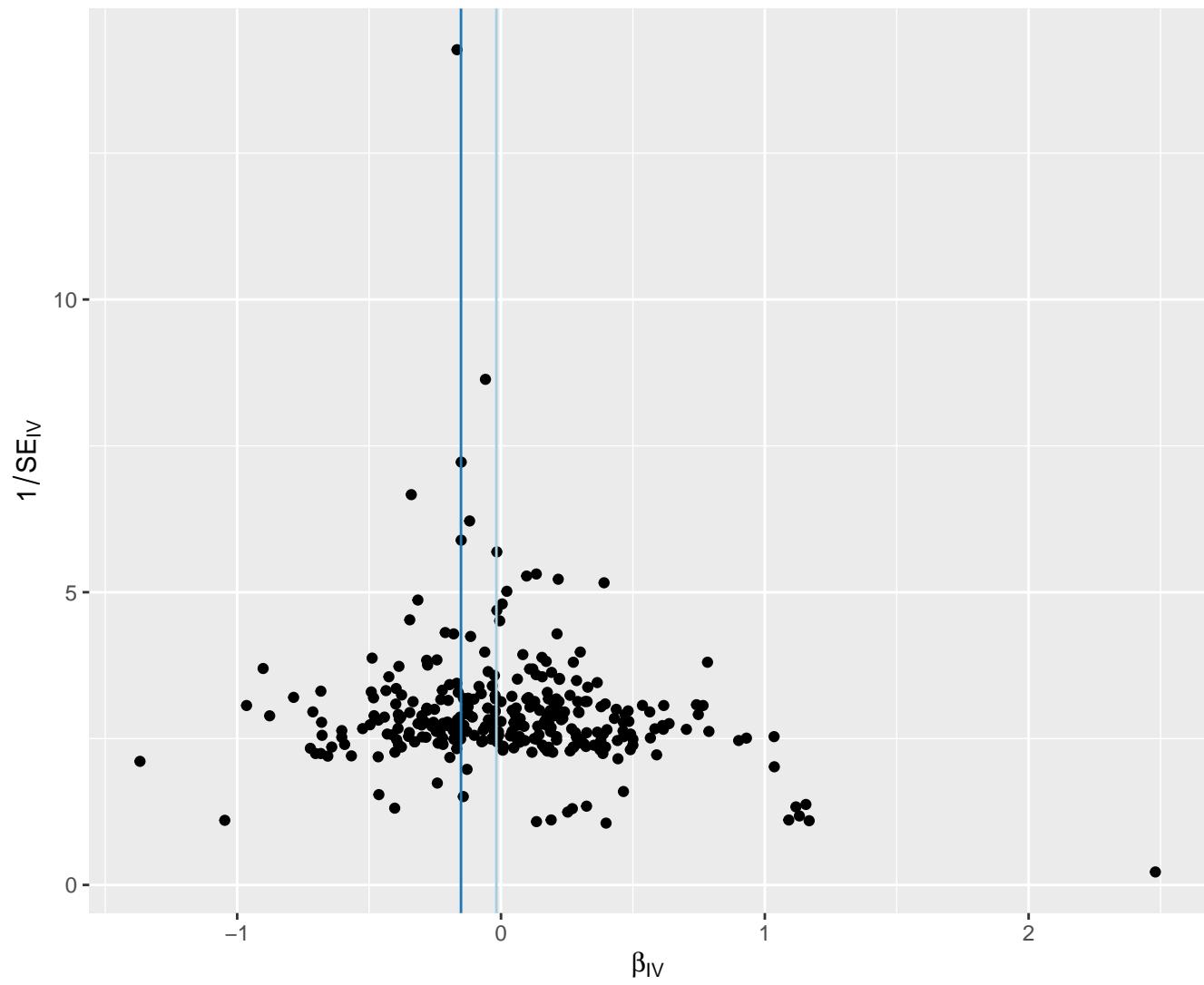
 Inverse variance weighted
MR Egger



X-12645

MR Method

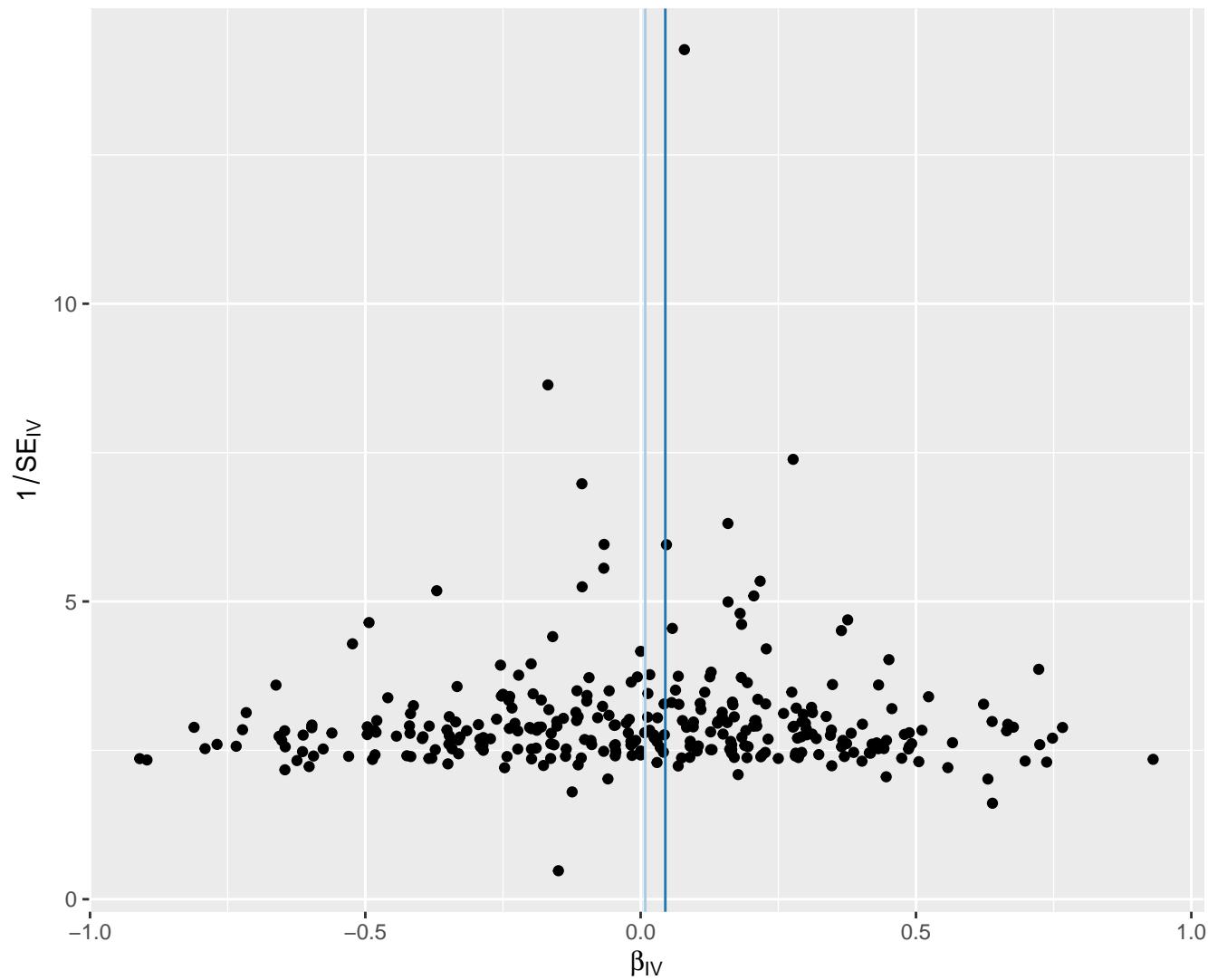
Inverse variance weighted
MR Egger



X-12680

MR Method

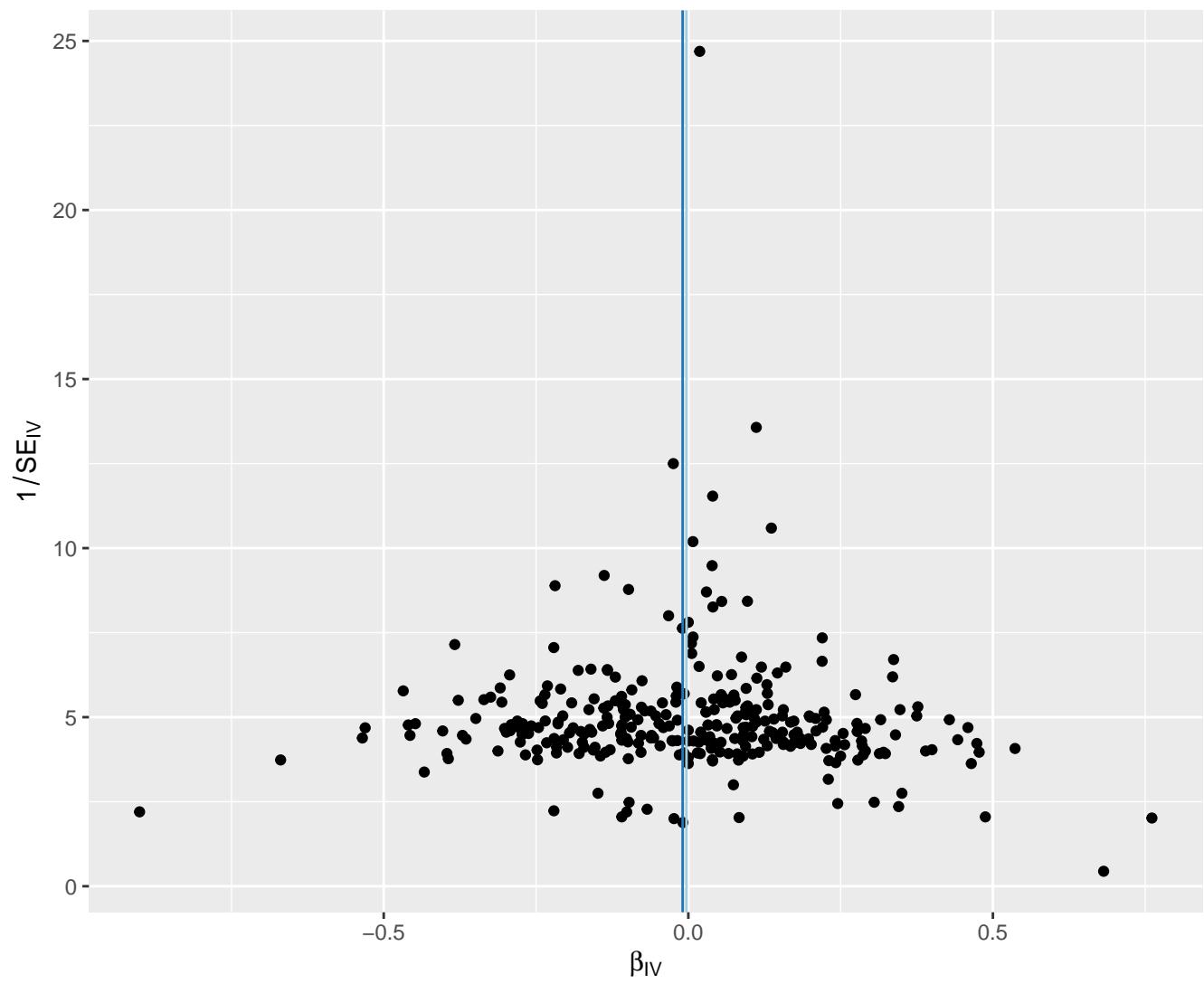
- Inverse variance weighted
- MR Egger



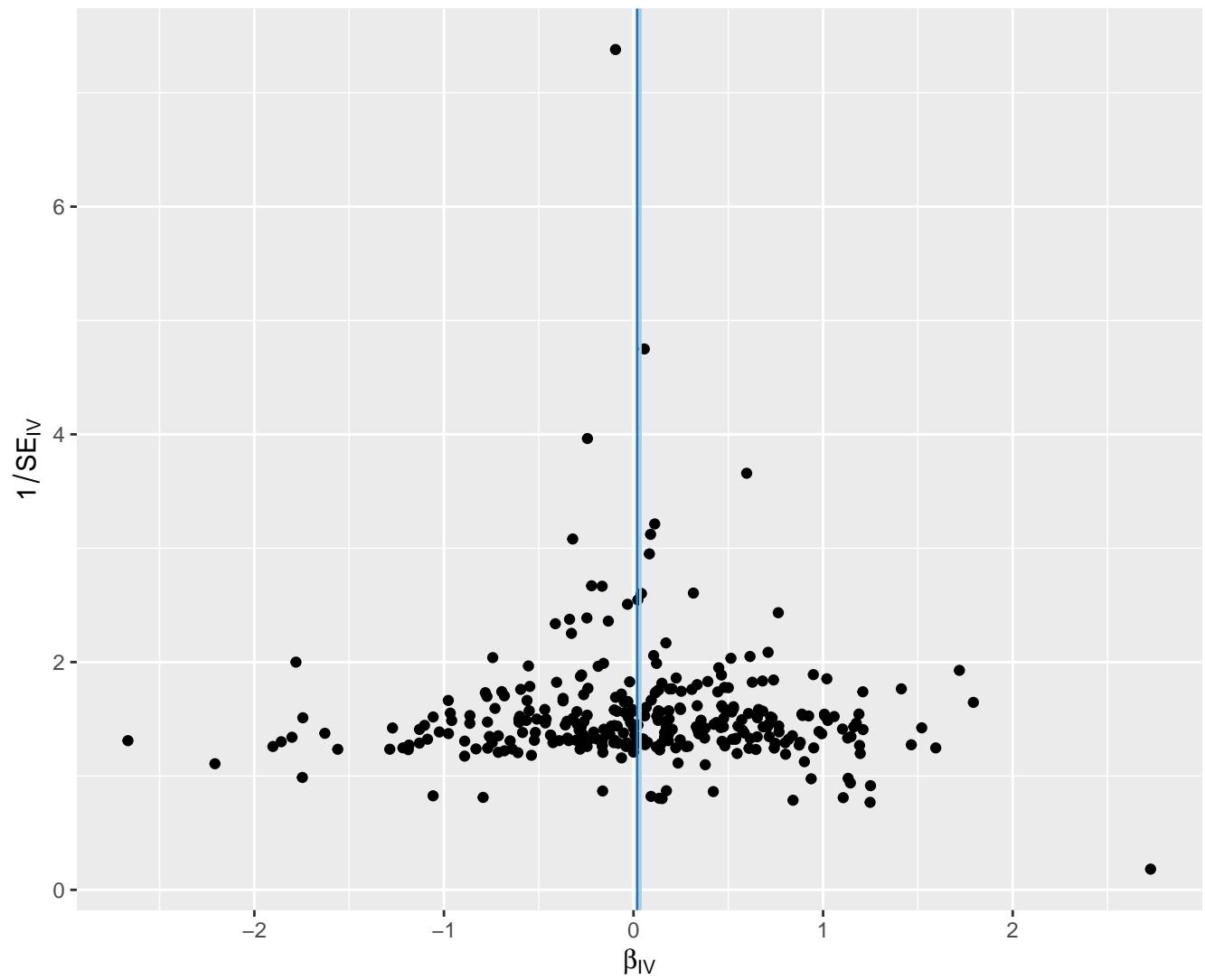
X-12696

MR Method

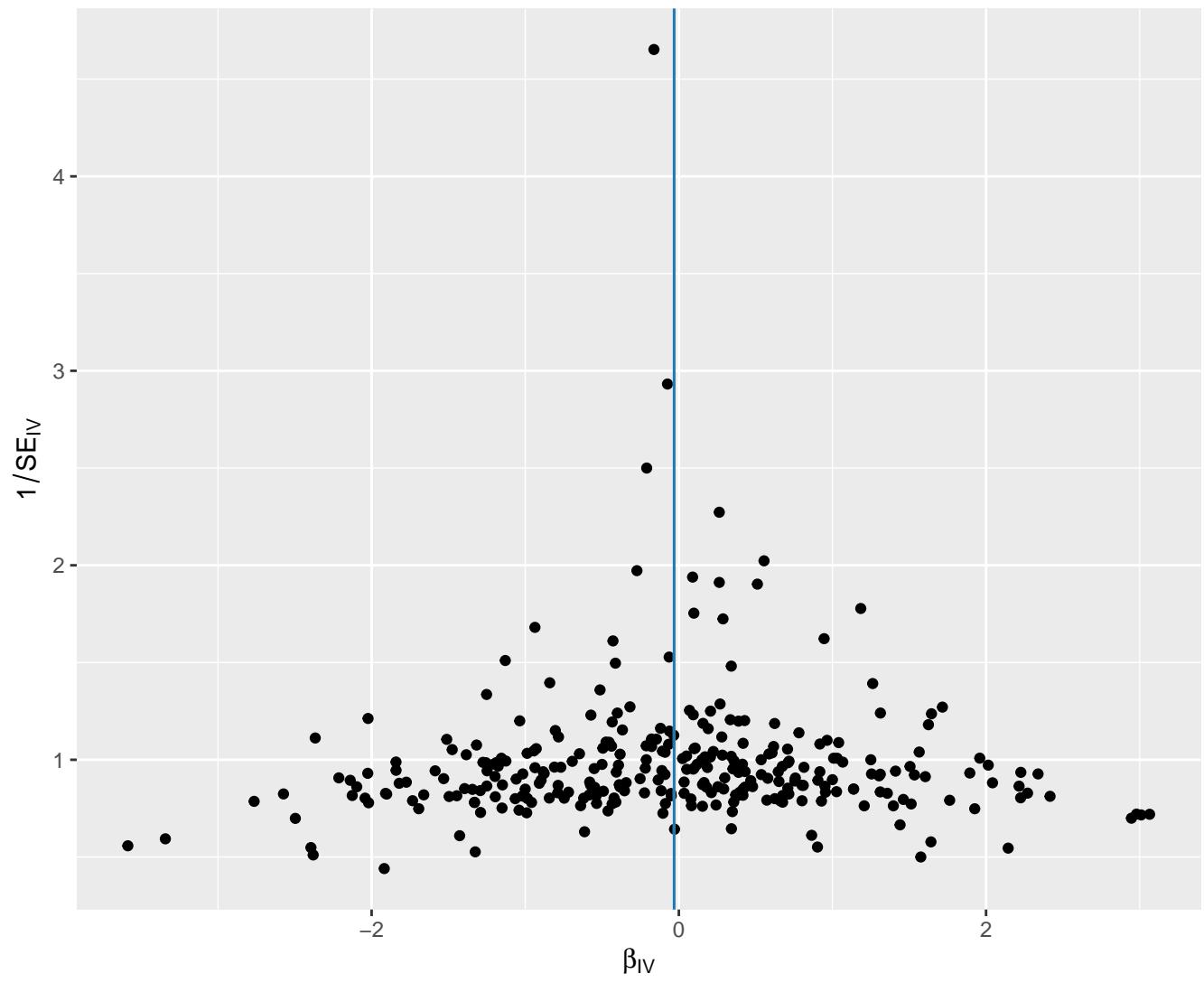
Inverse variance weighted
MR Egger



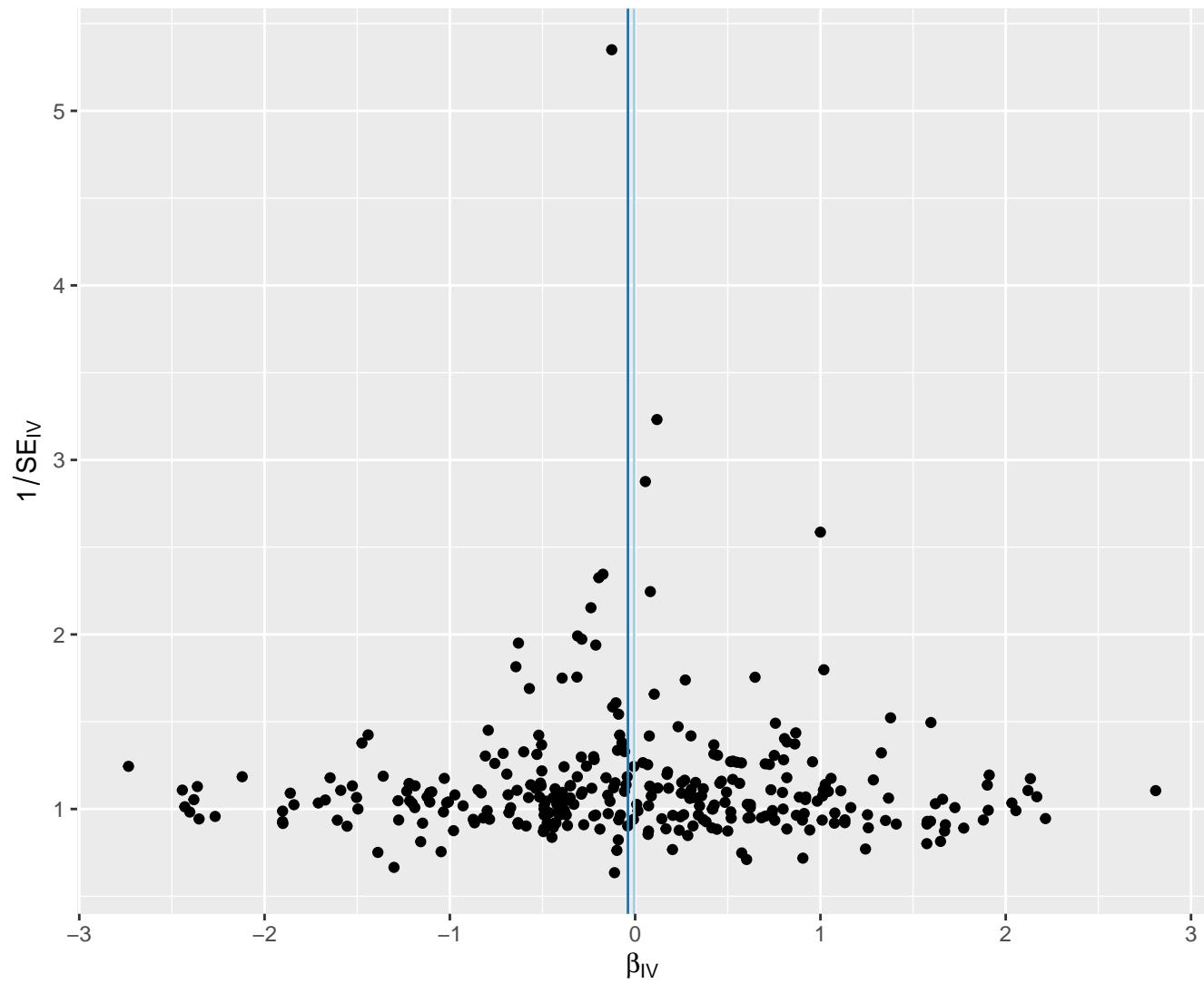
MR Method

 Inverse variance weighted MR Egger

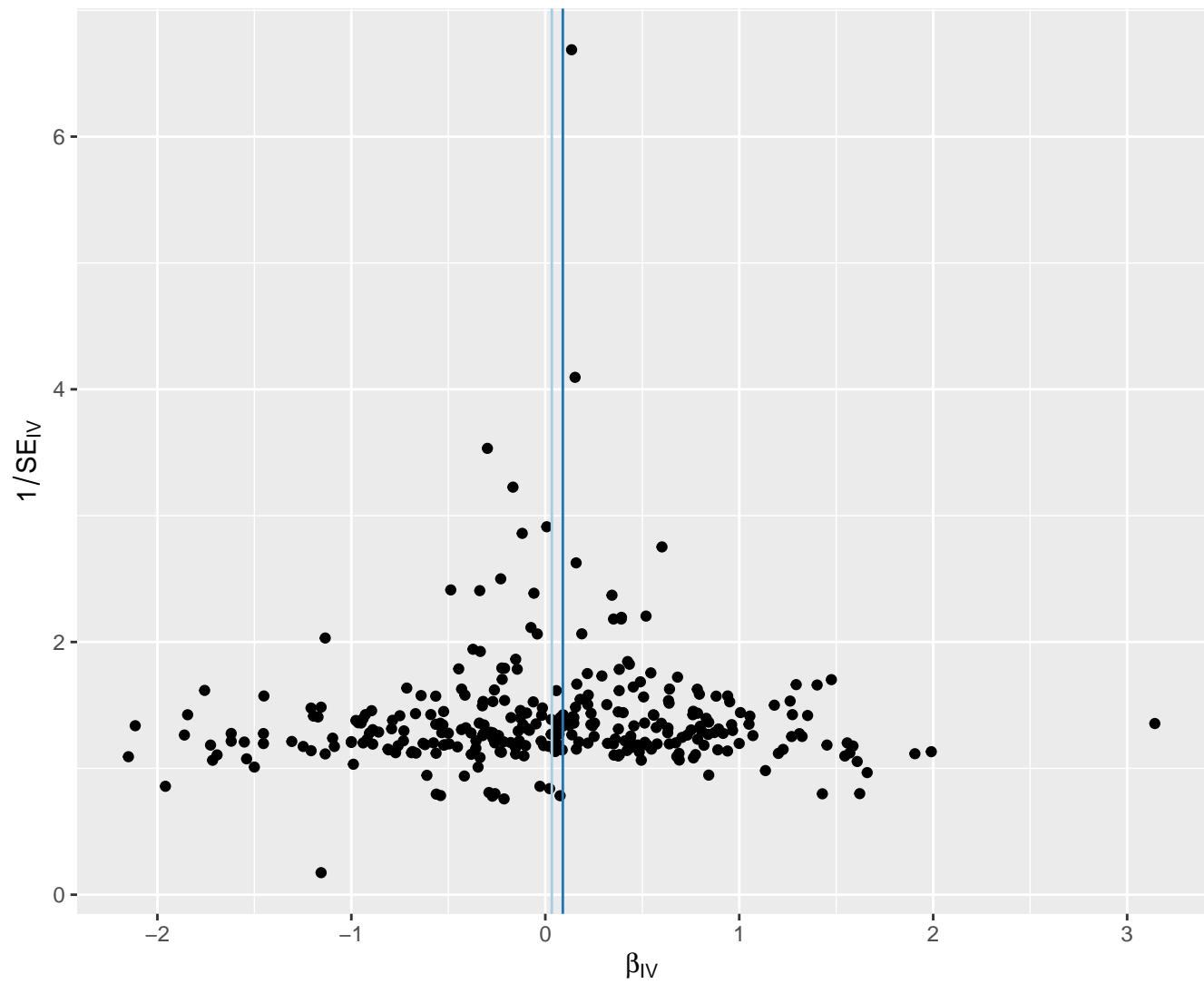
MR Method

 Inverse variance weighted MR Egger

MR Method

 Inverse variance weighted MR Egger

MR Method

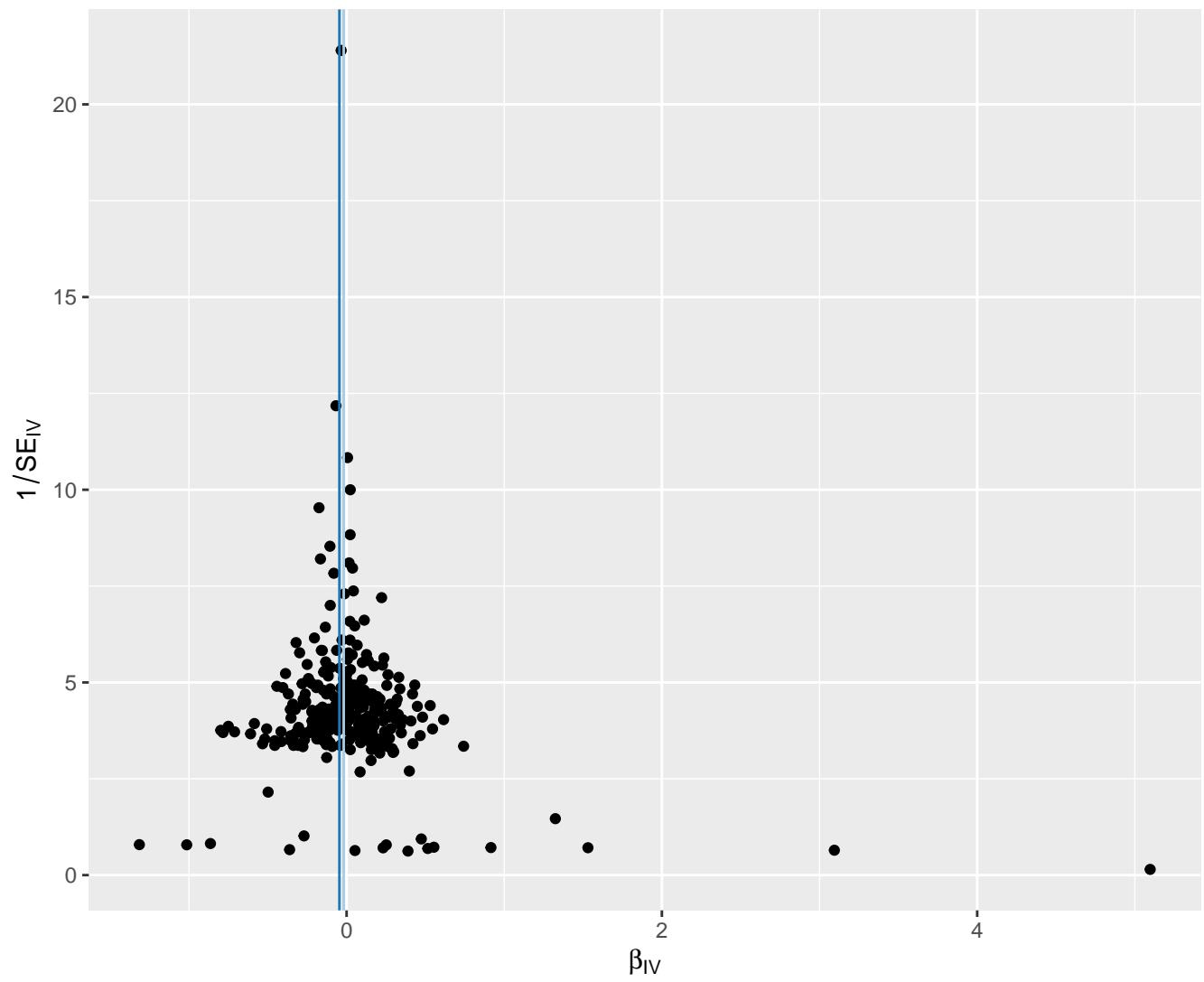
 Inverse variance weighted MR Egger

X-12726

MR Method

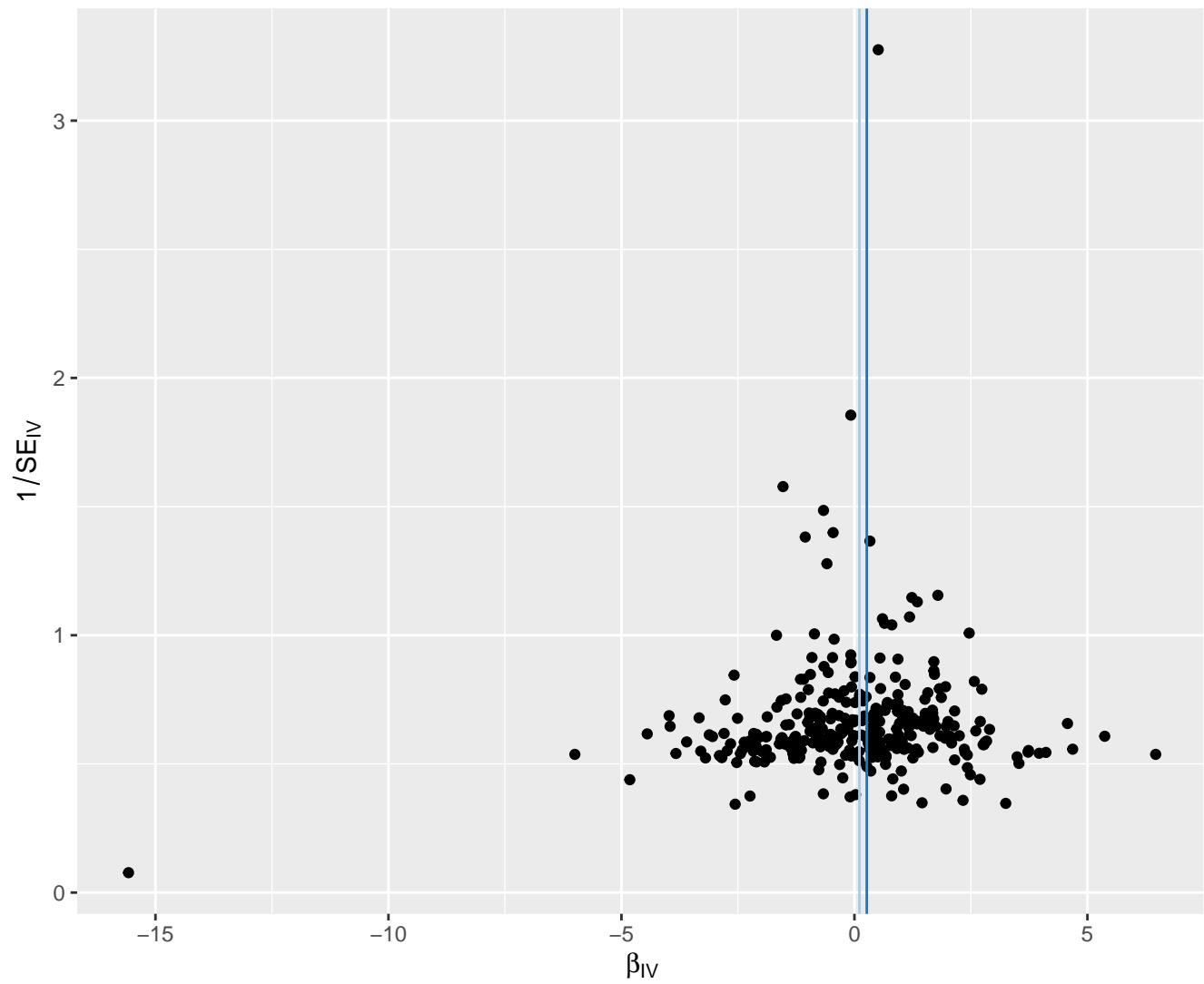
Inverse variance weighted

MR Egger



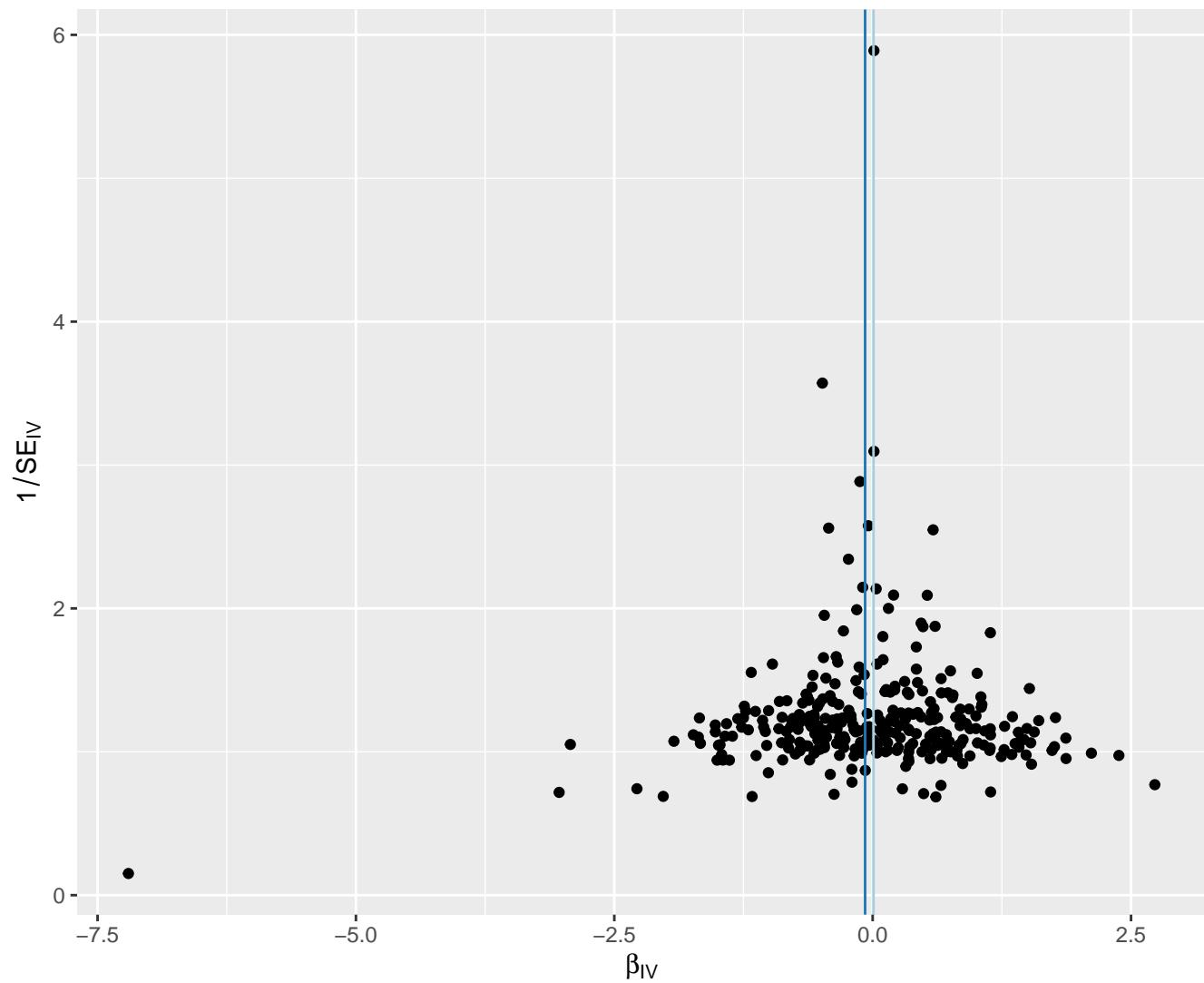
MR Method

 Inverse variance weighted
 MR Egger

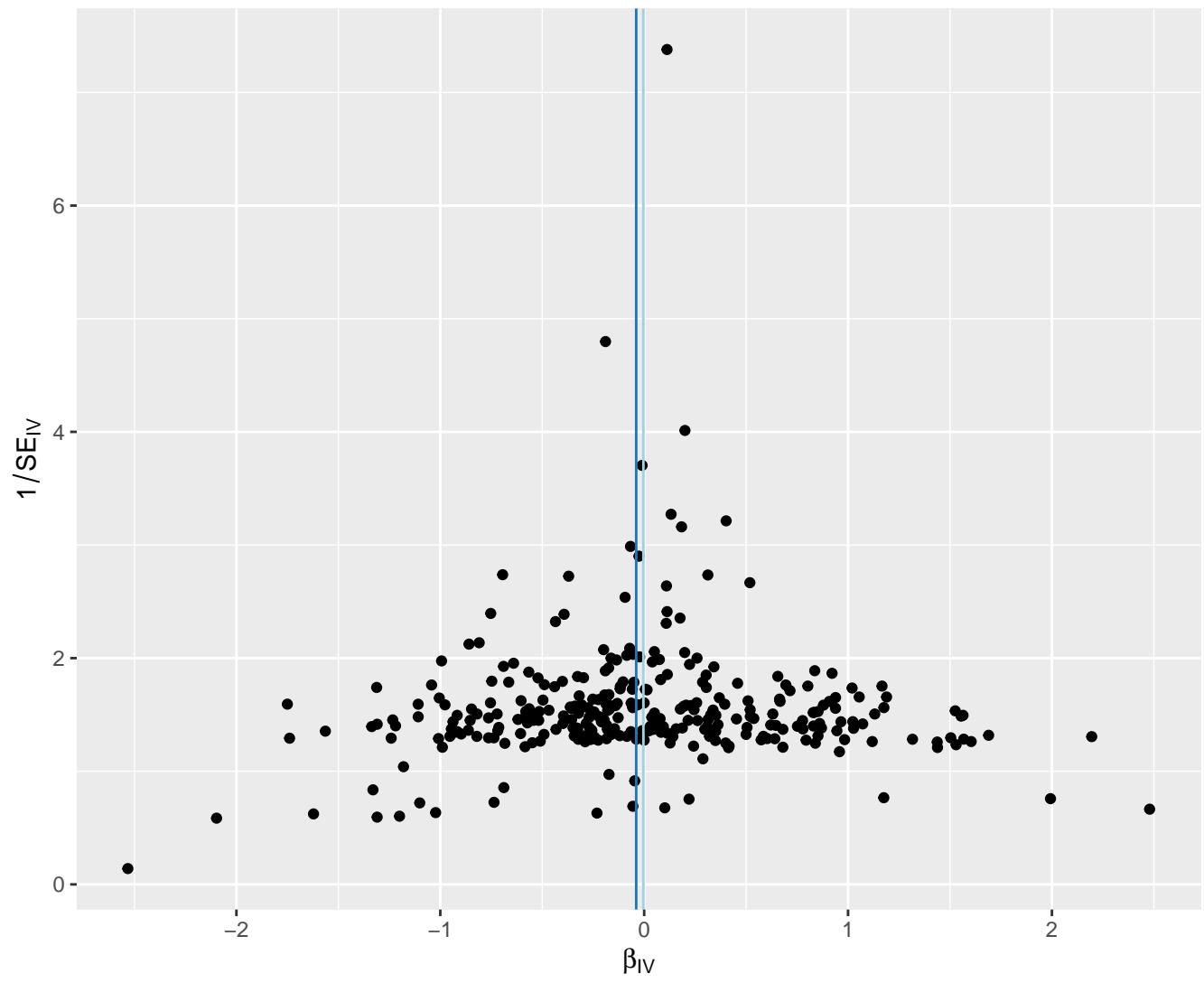


MR Method

- Inverse variance weighted
- MR Egger

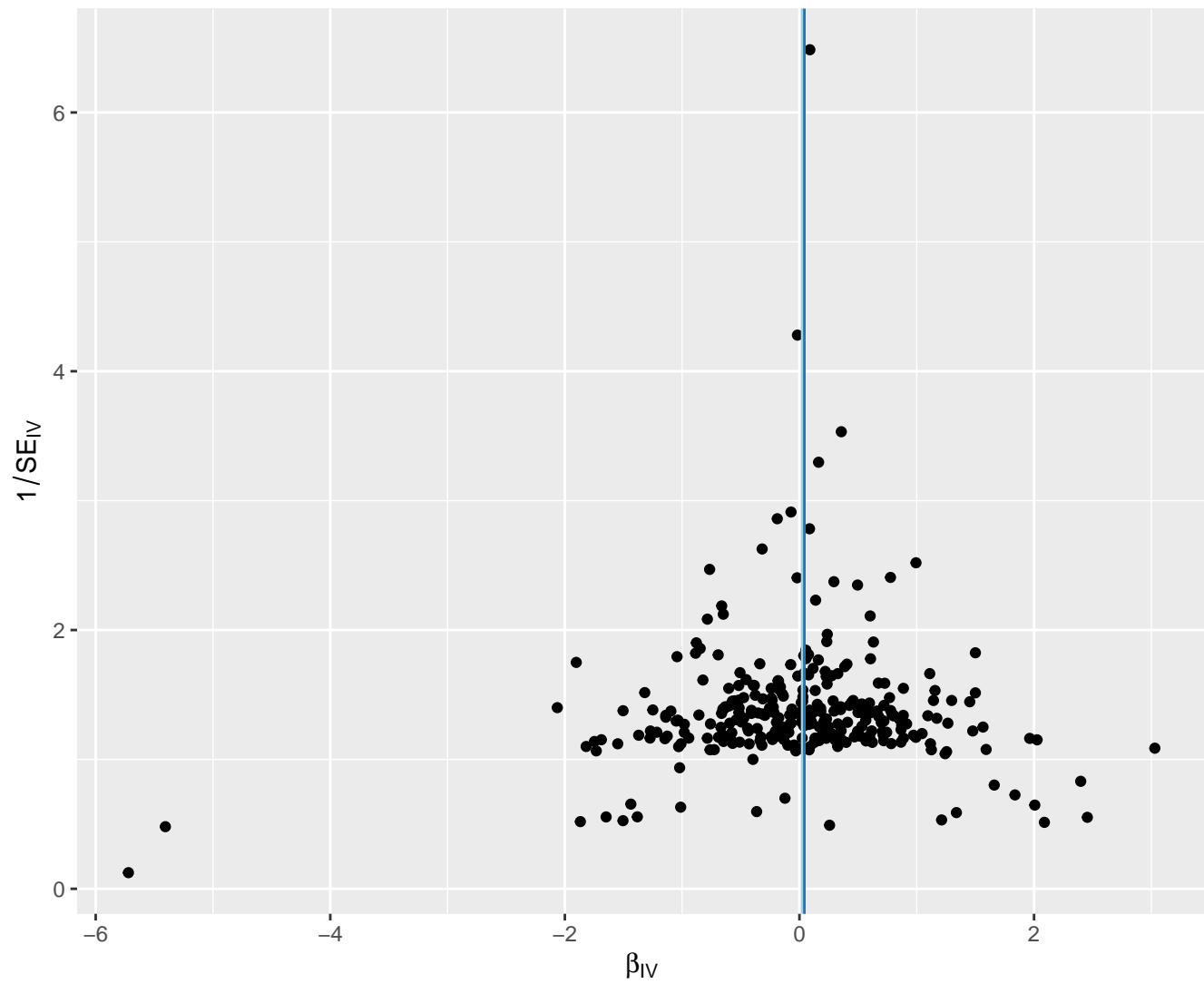


MR Method

 Inverse variance weighted MR Egger

MR Method

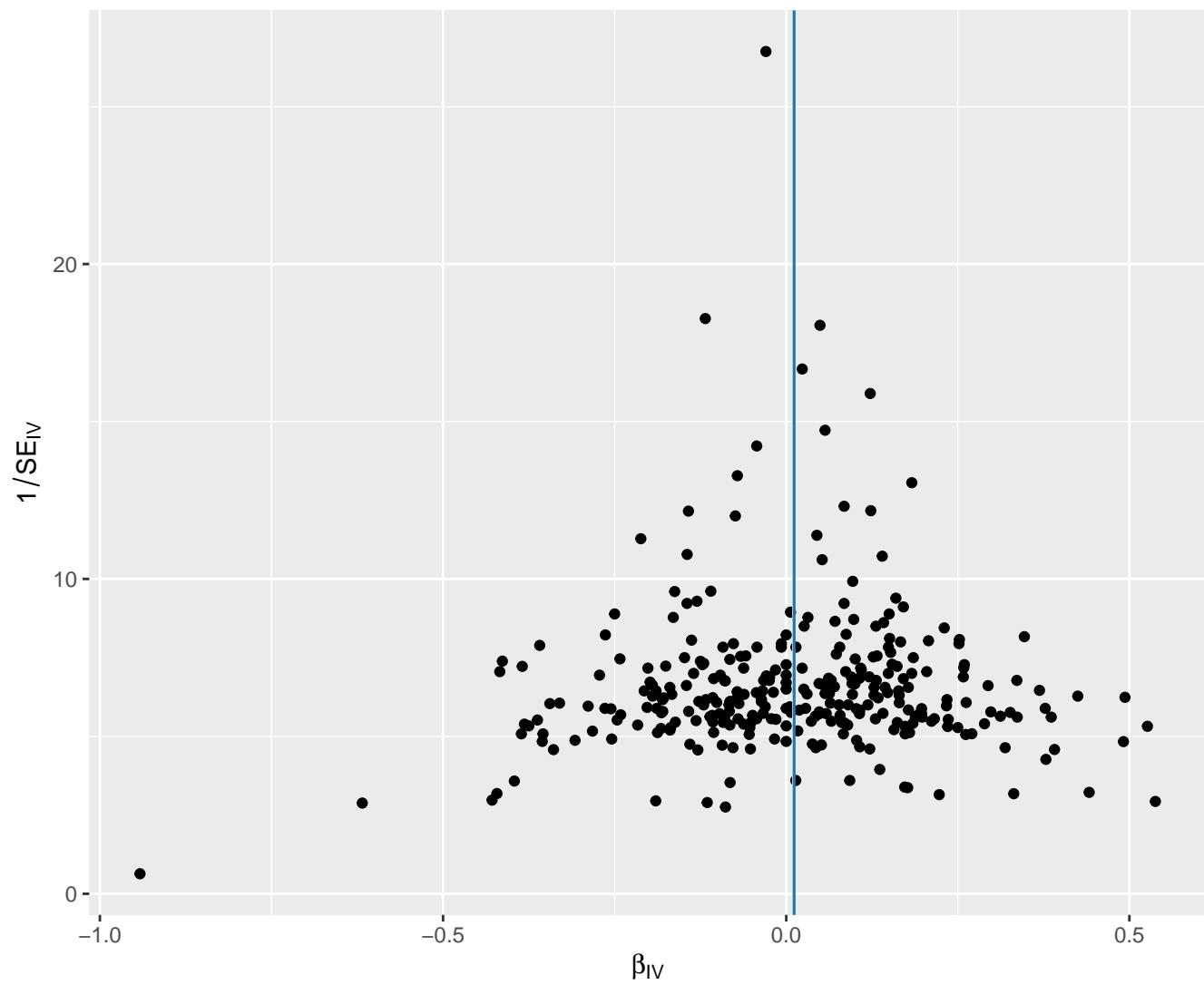
 Inverse variance weighted
 MR Egger



MR Method

Inverse variance weighted

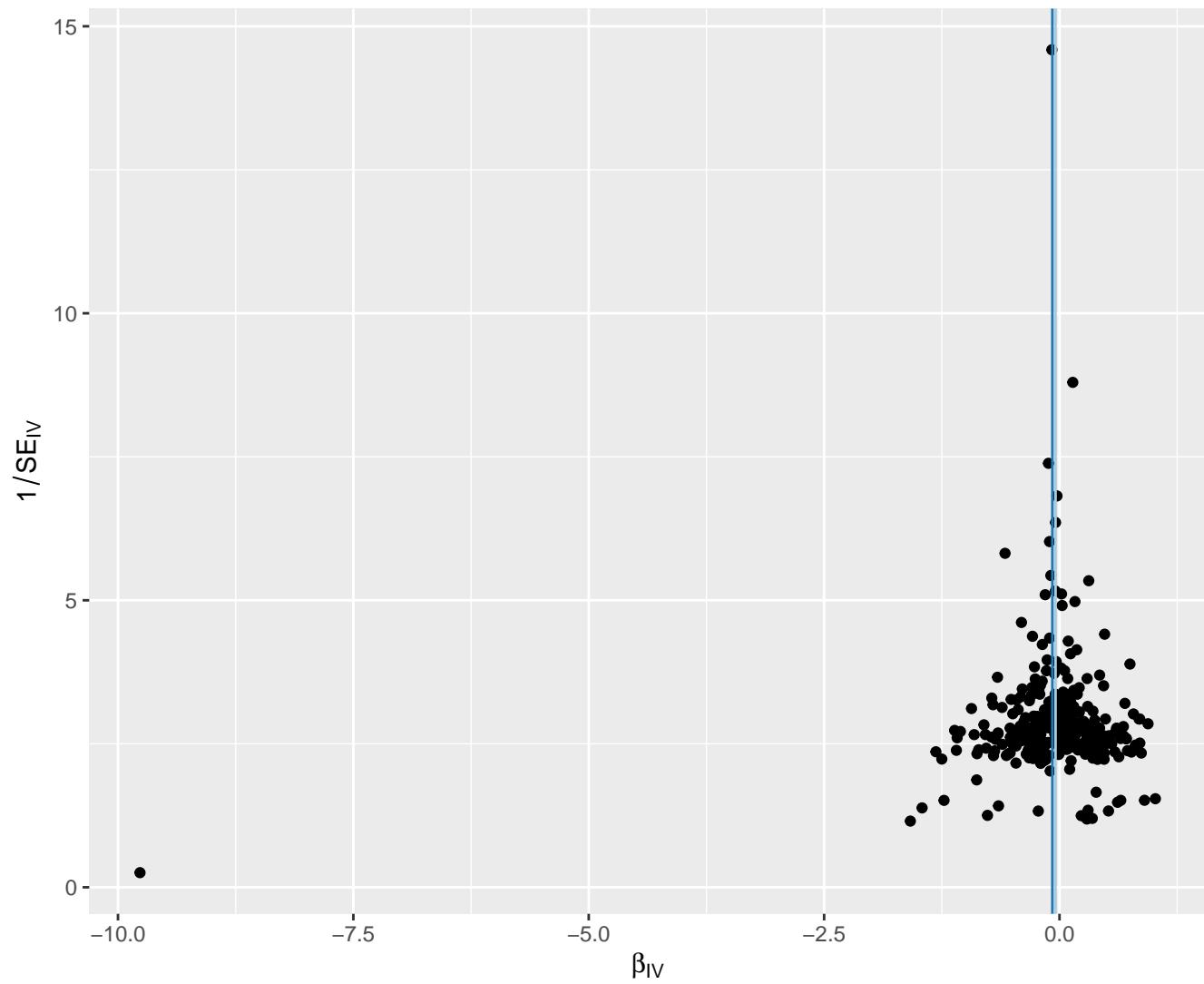
MR Egger



X-12771

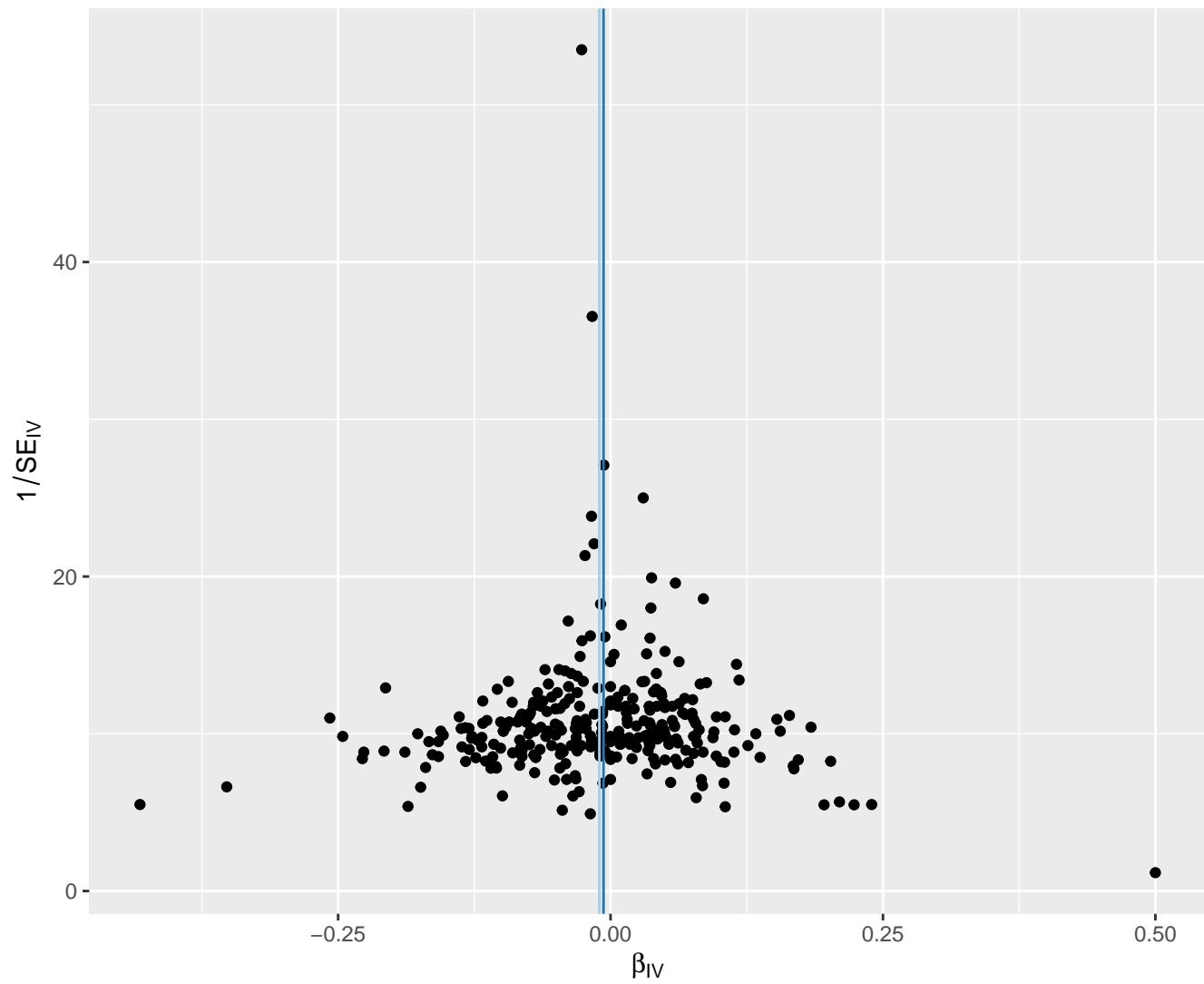
MR Method

Inverse variance weighted
MR Egger



MR Method

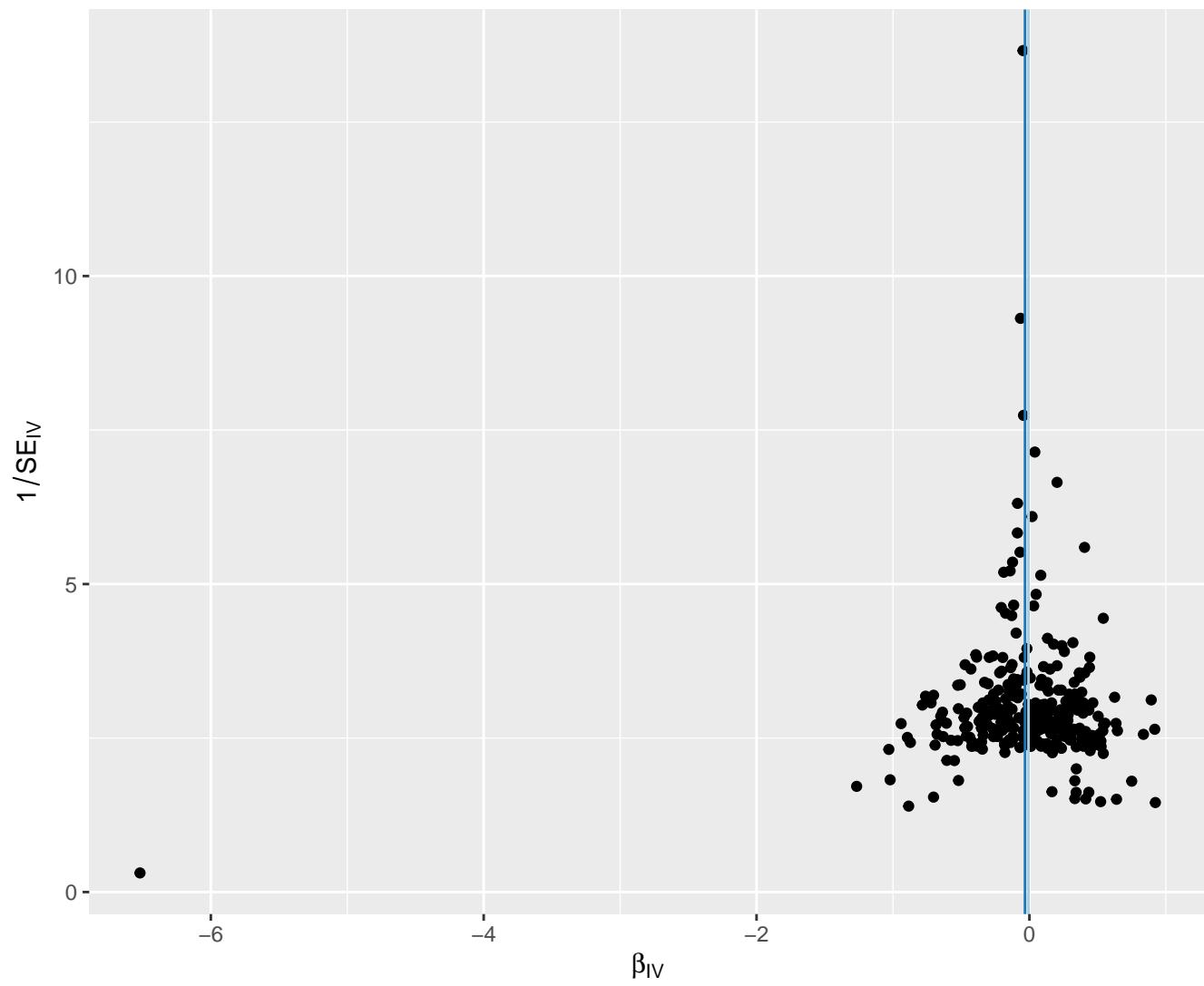
- Inverse variance weighted
- MR Egger



MR Method

Inverse variance weighted

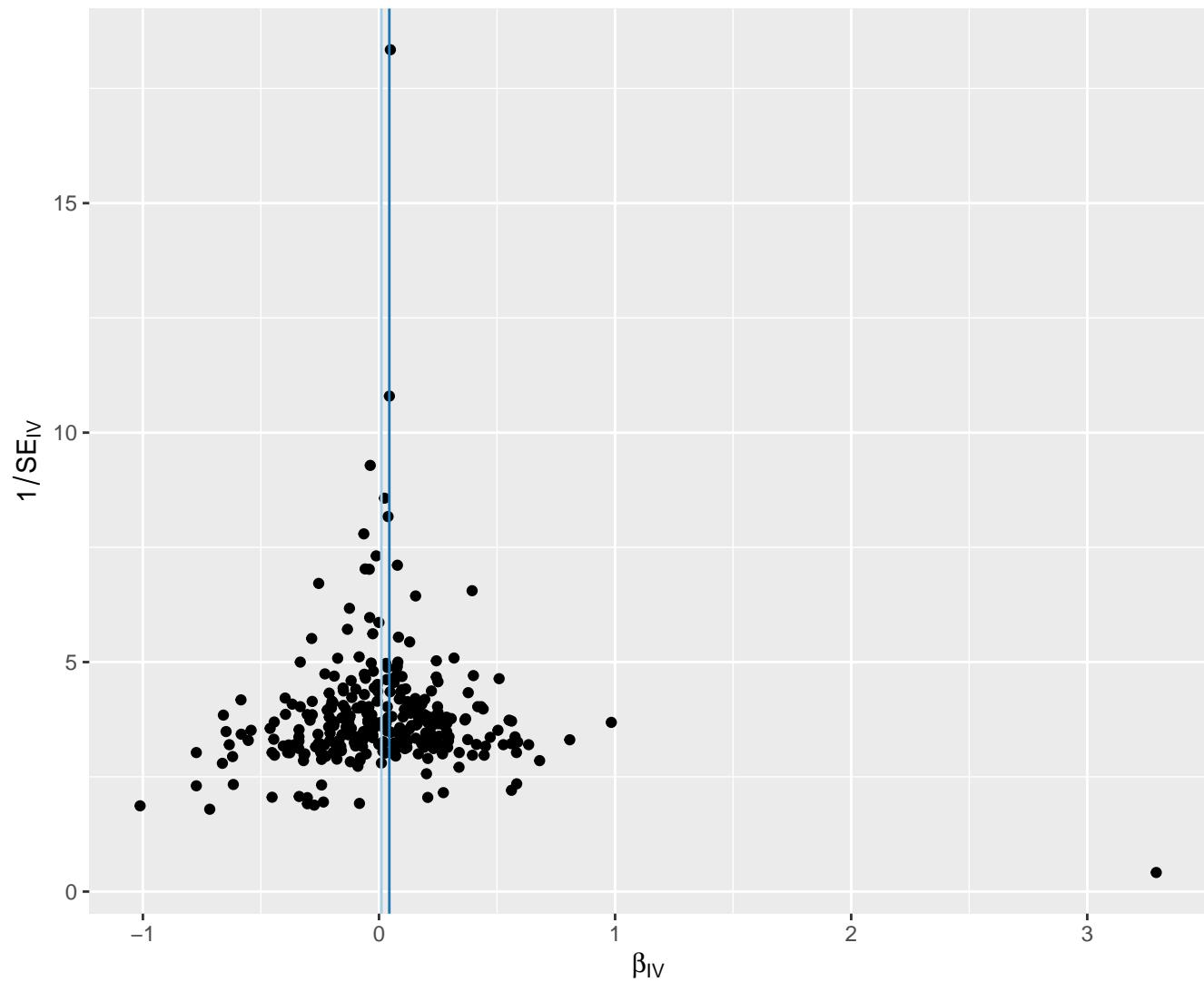
MR Egger



X-12798

MR Method

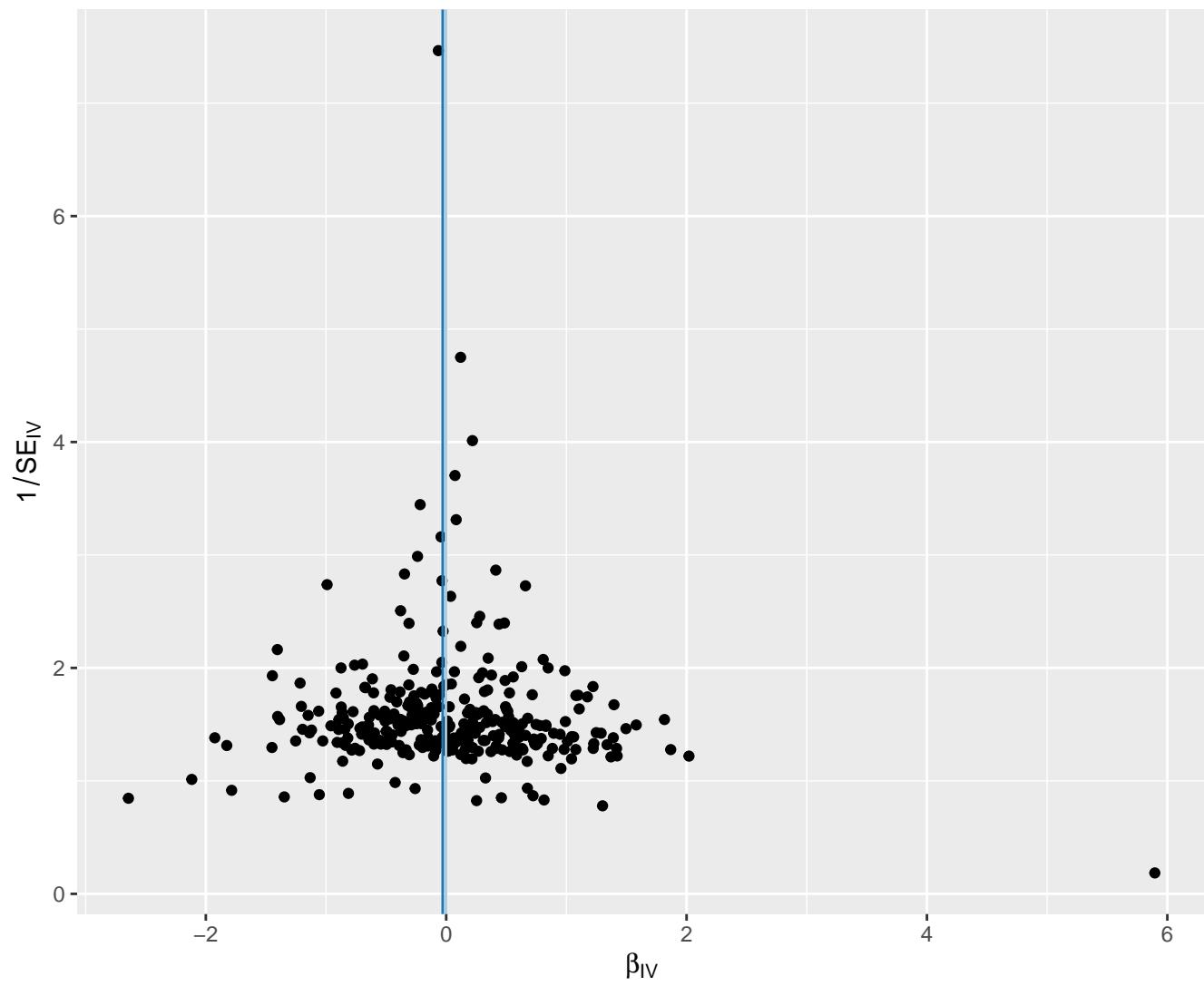
- Inverse variance weighted
- MR Egger



MR Method

Inverse variance weighted

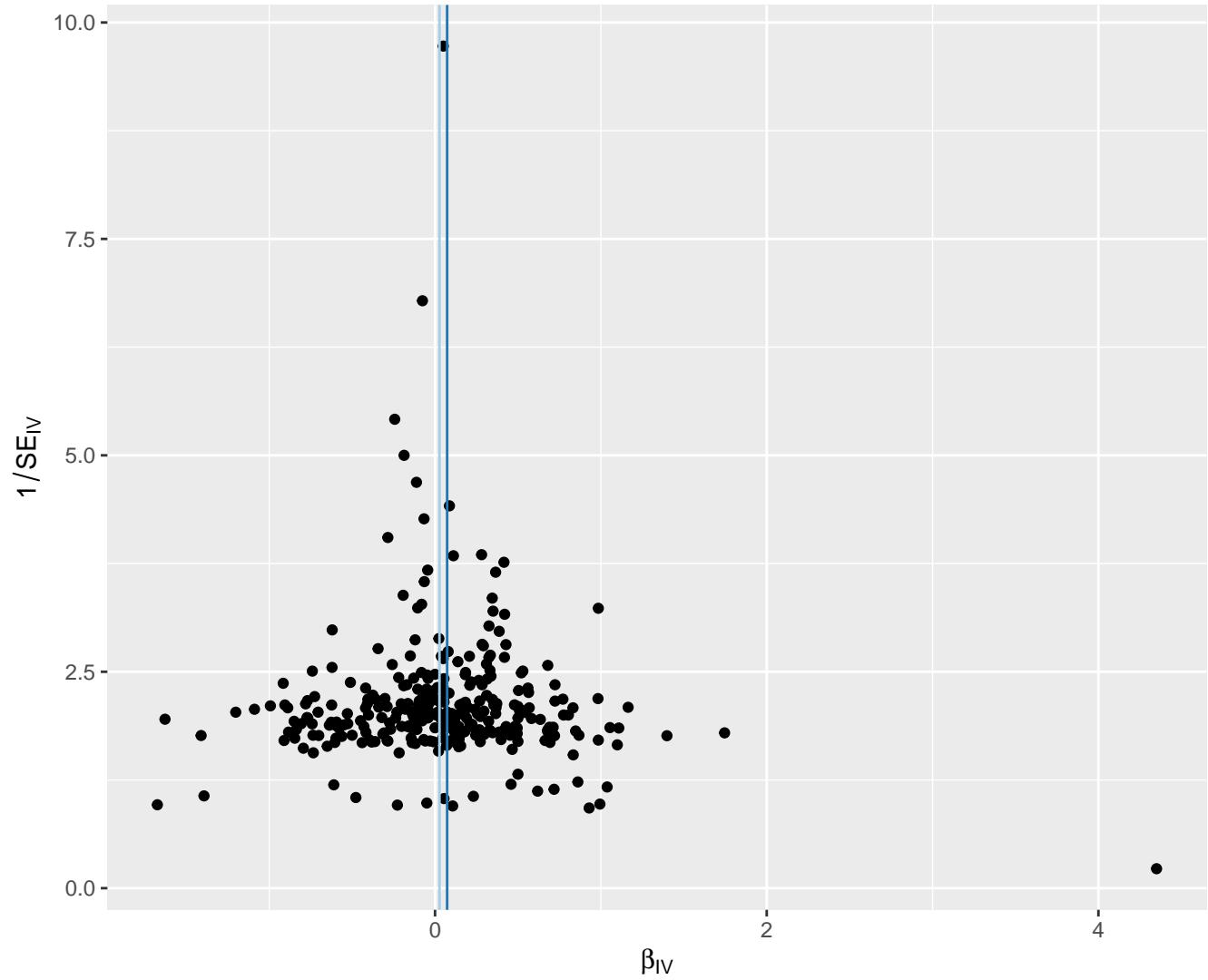
MR Egger



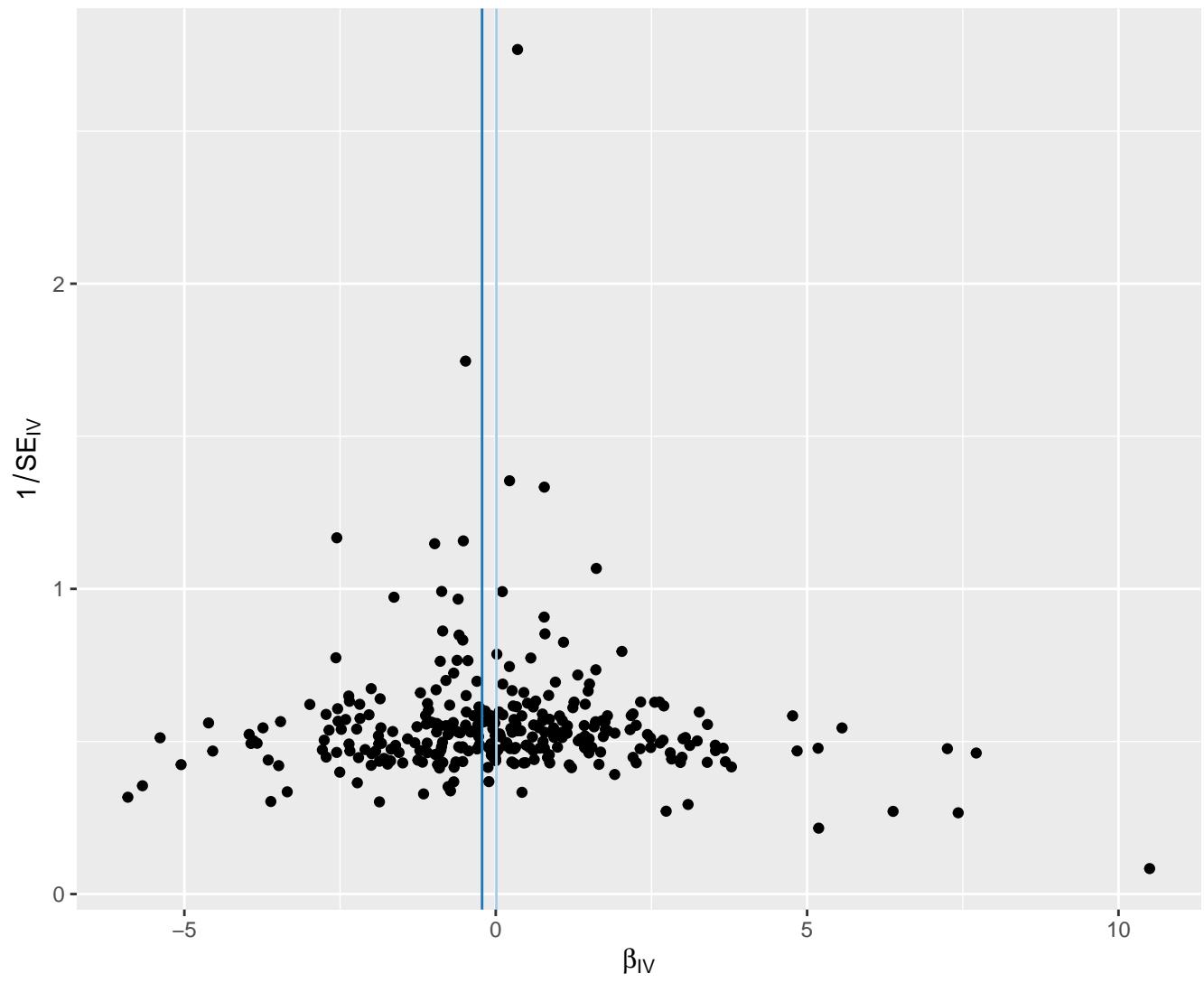
MR Method

 Inverse variance weighted

MR Egger



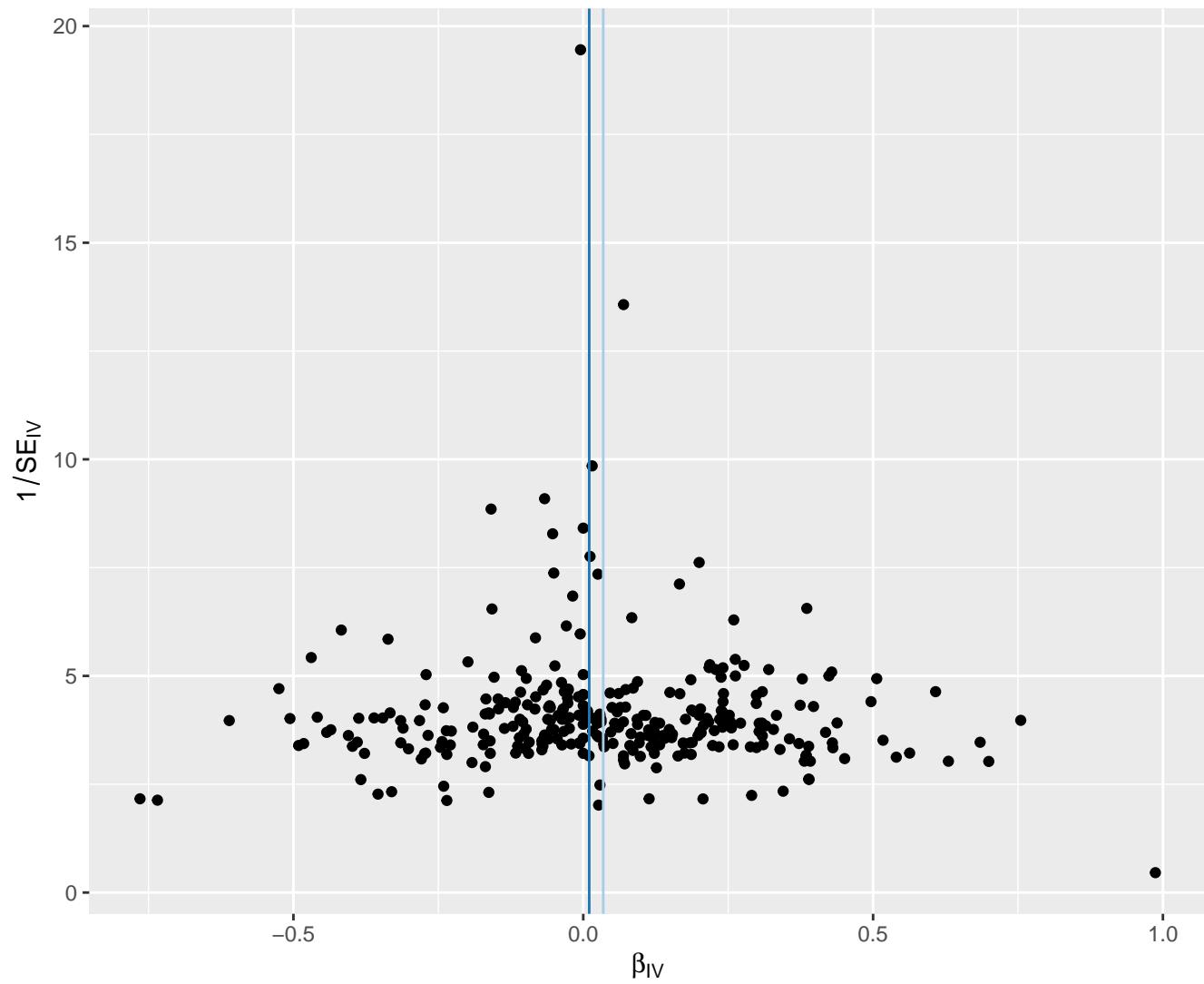
MR Method

 Inverse variance weighted MR Egger

X-12844

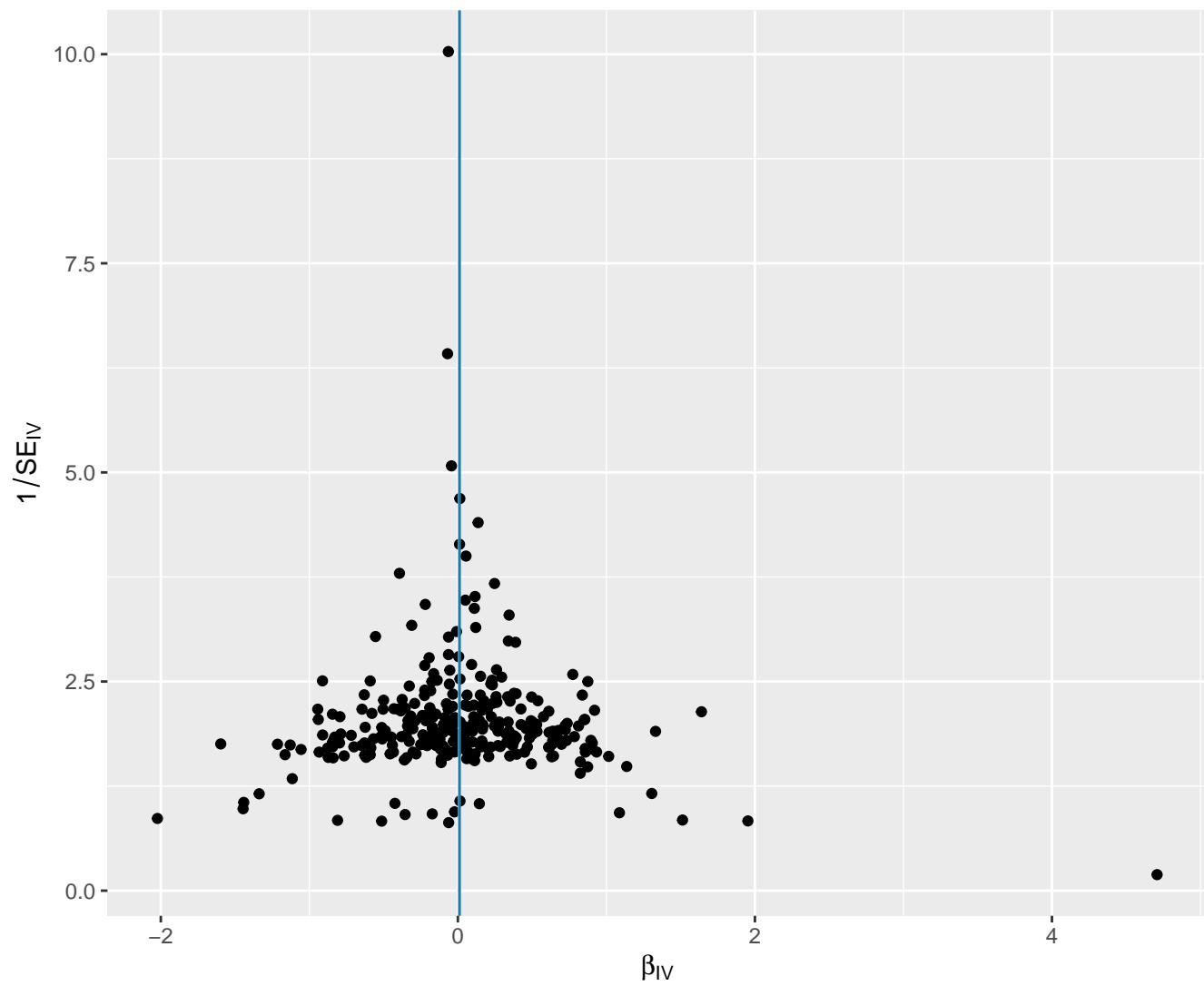
MR Method

Inverse variance weighted
MR Egger



MR Method

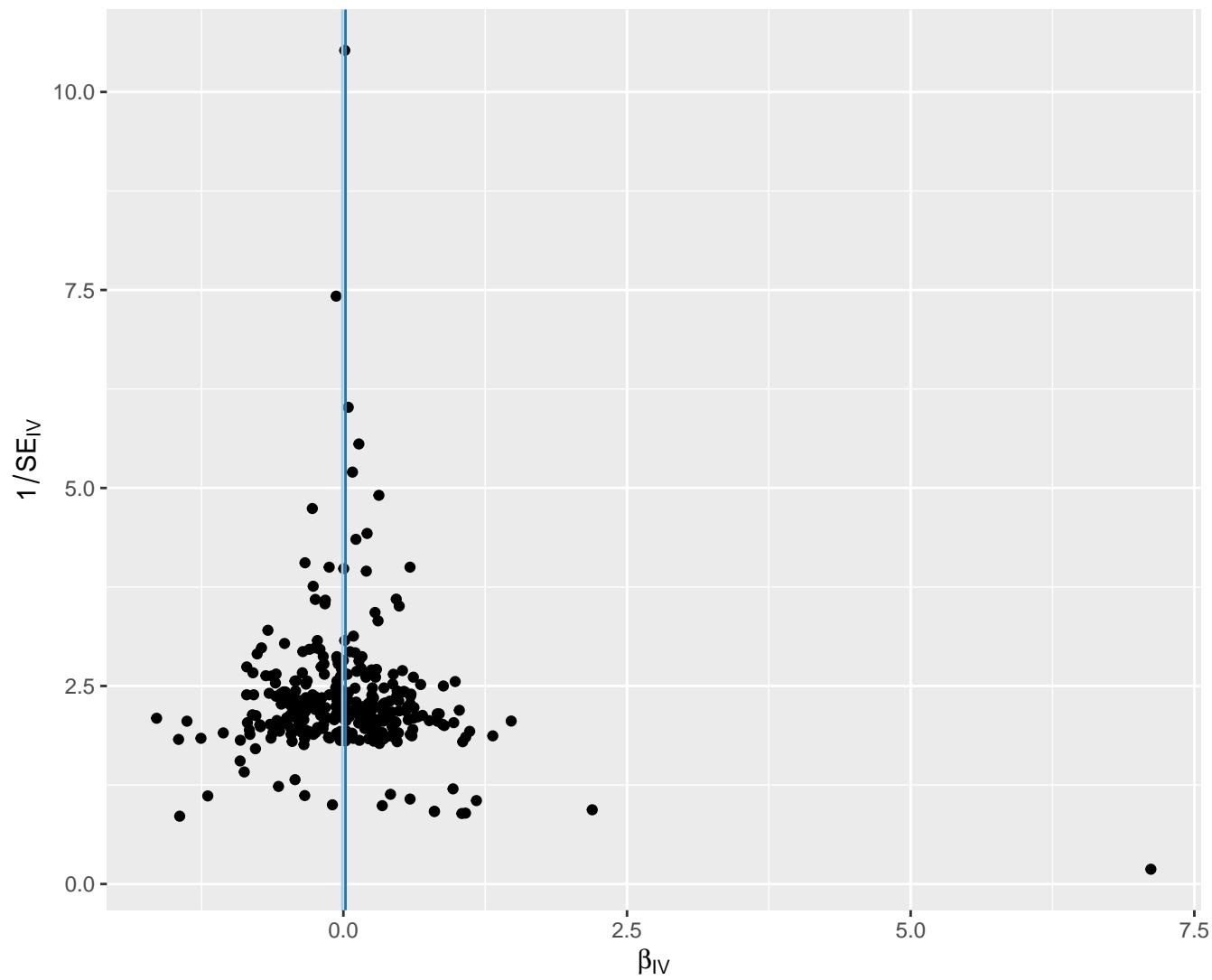
- Inverse variance weighted
- MR Egger



MR Method

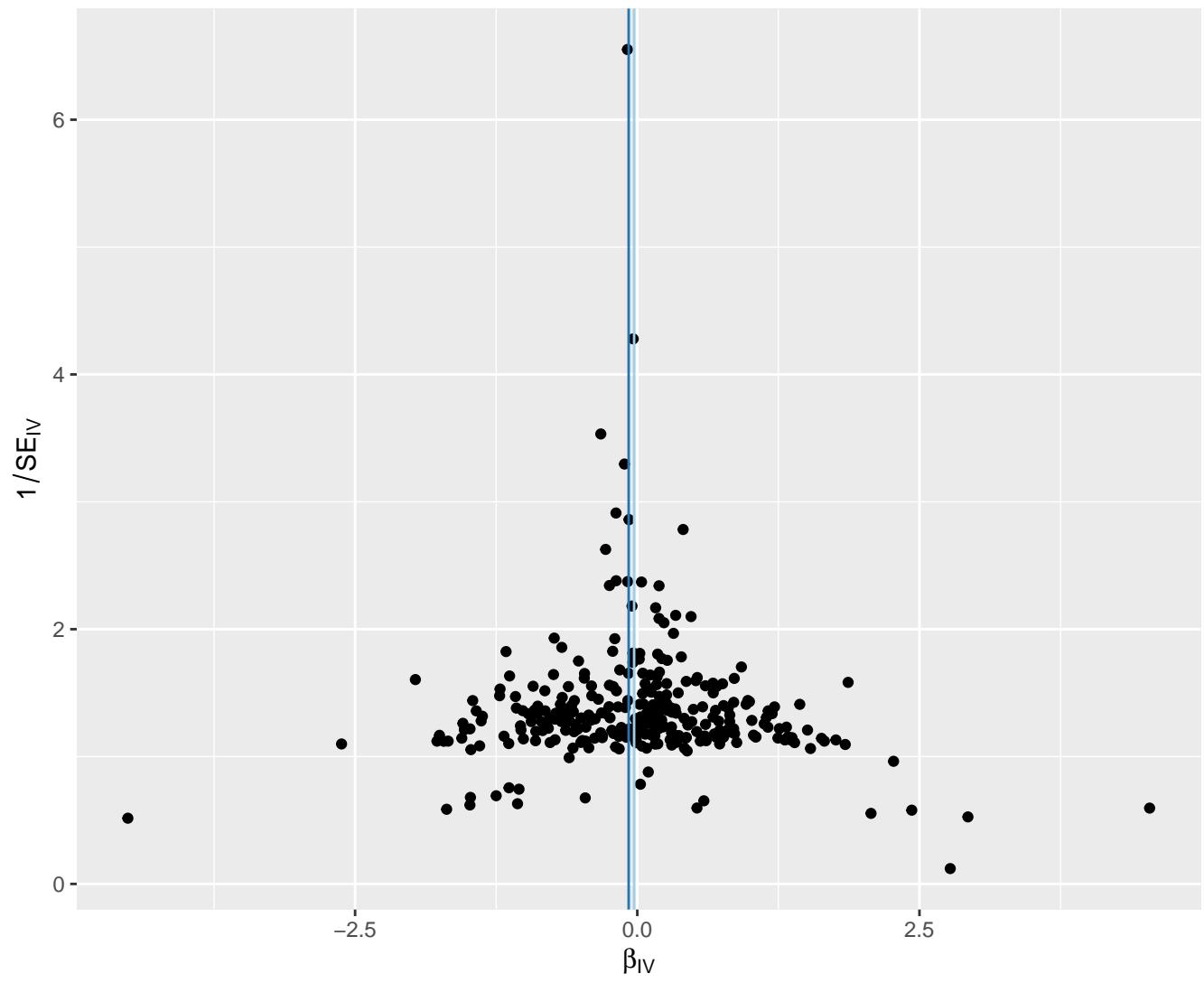
 Inverse variance weighted

MR Egger



MR Method

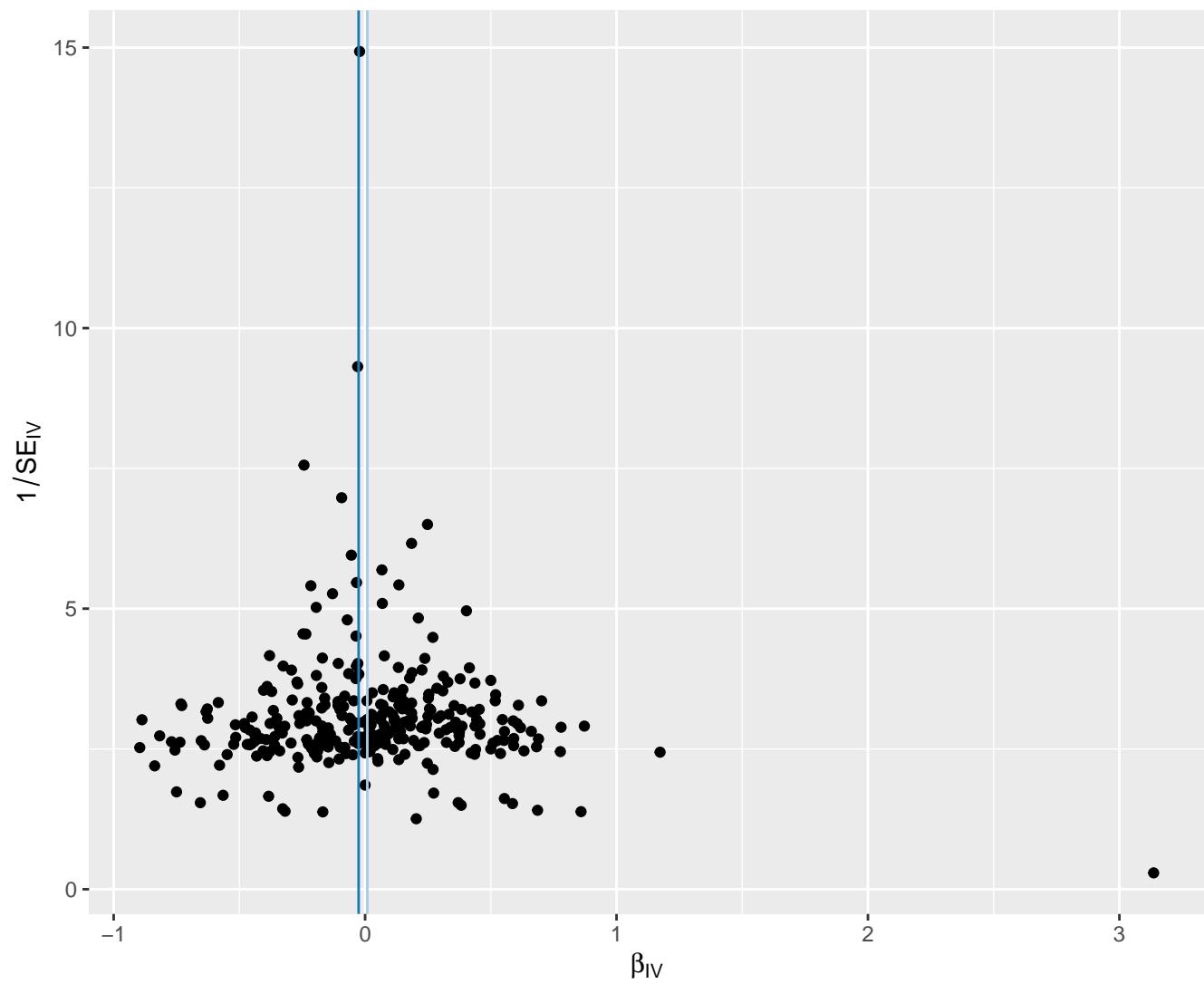
 Inverse variance weighted
 MR Egger



X-12855

MR Method

Inverse variance weighted
MR Egger

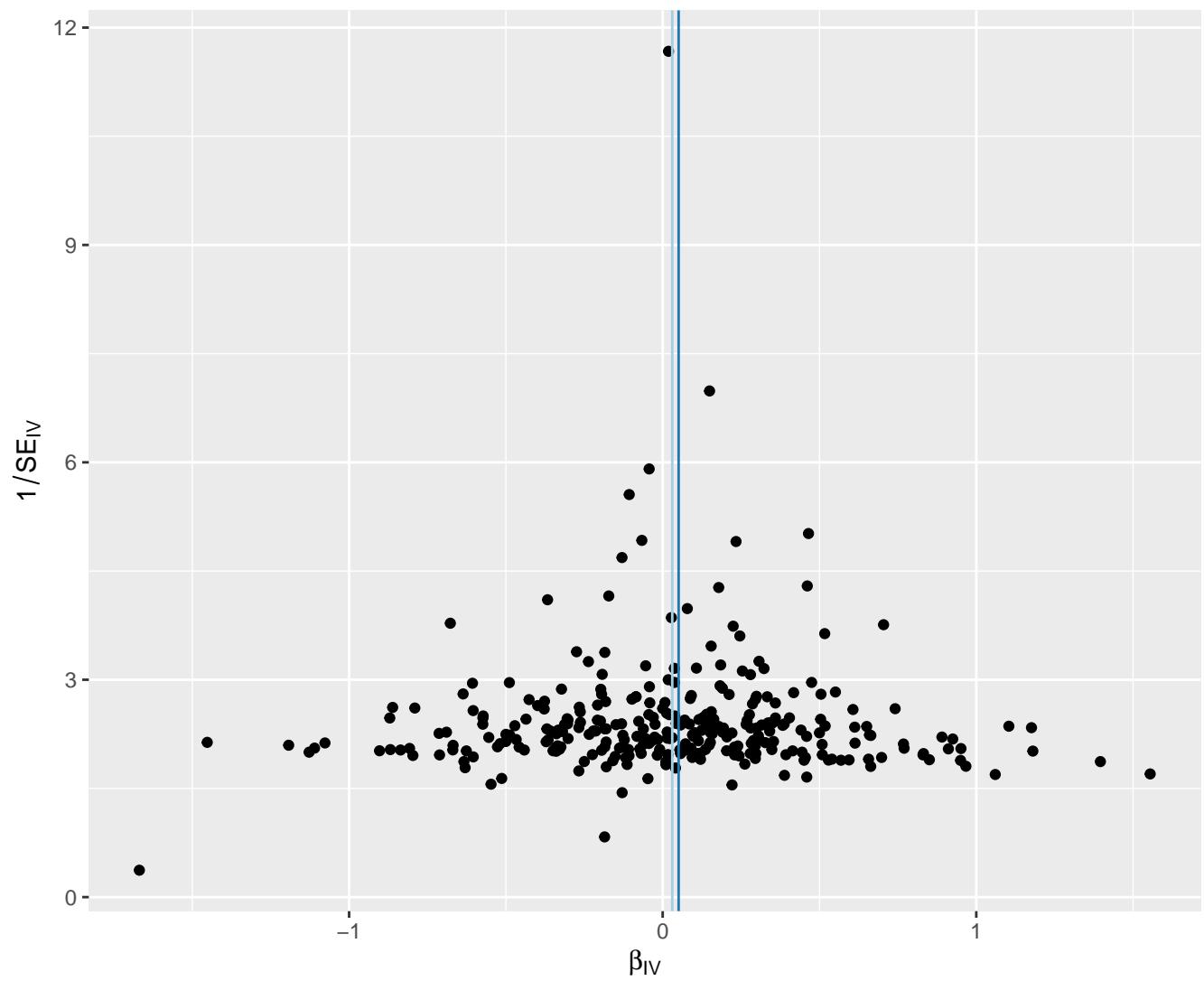


X-12990--docosapentaenoic acid (n6-DPA)

MR Method

Inverse variance weighted

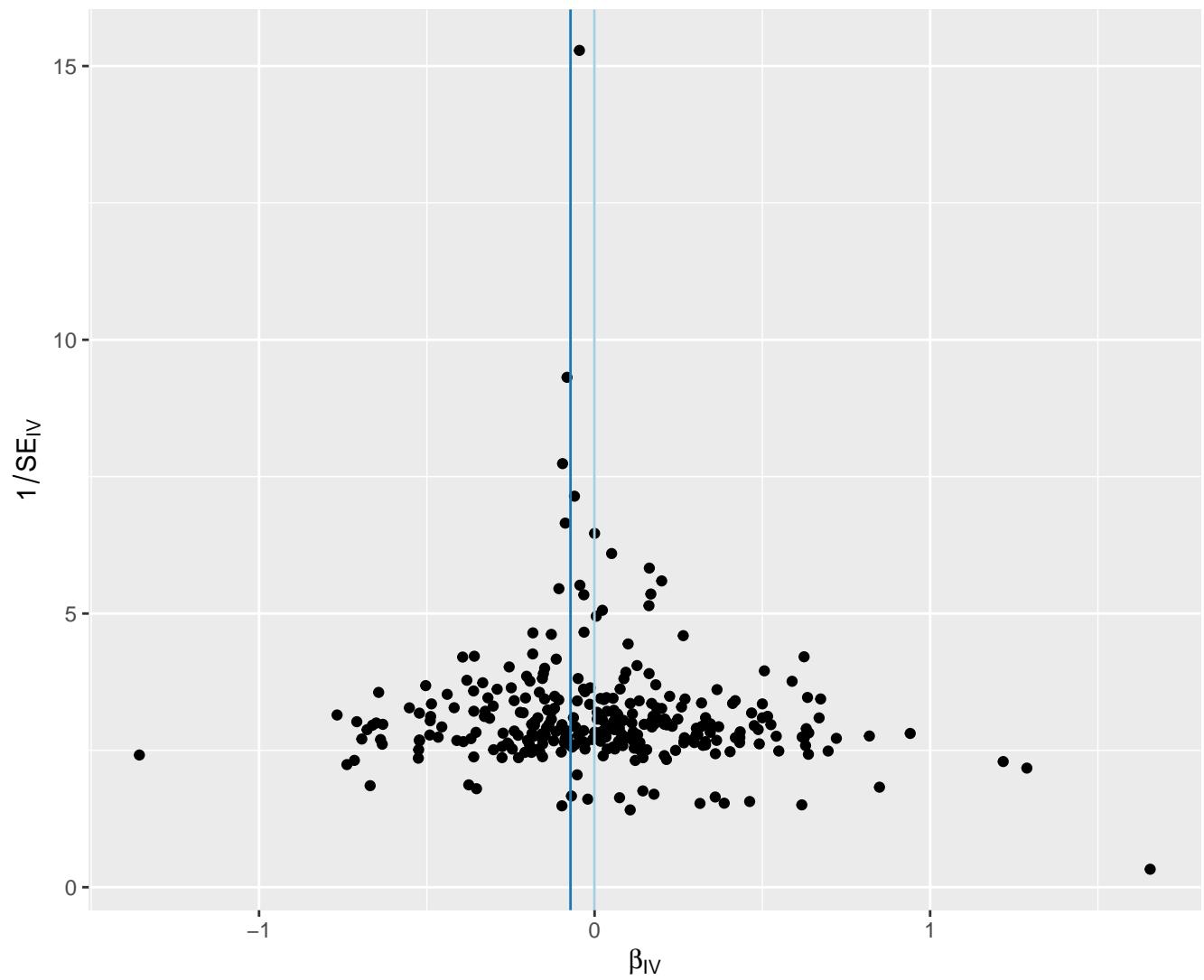
MR Egger



MR Method

 Inverse variance weighted

MR Egger

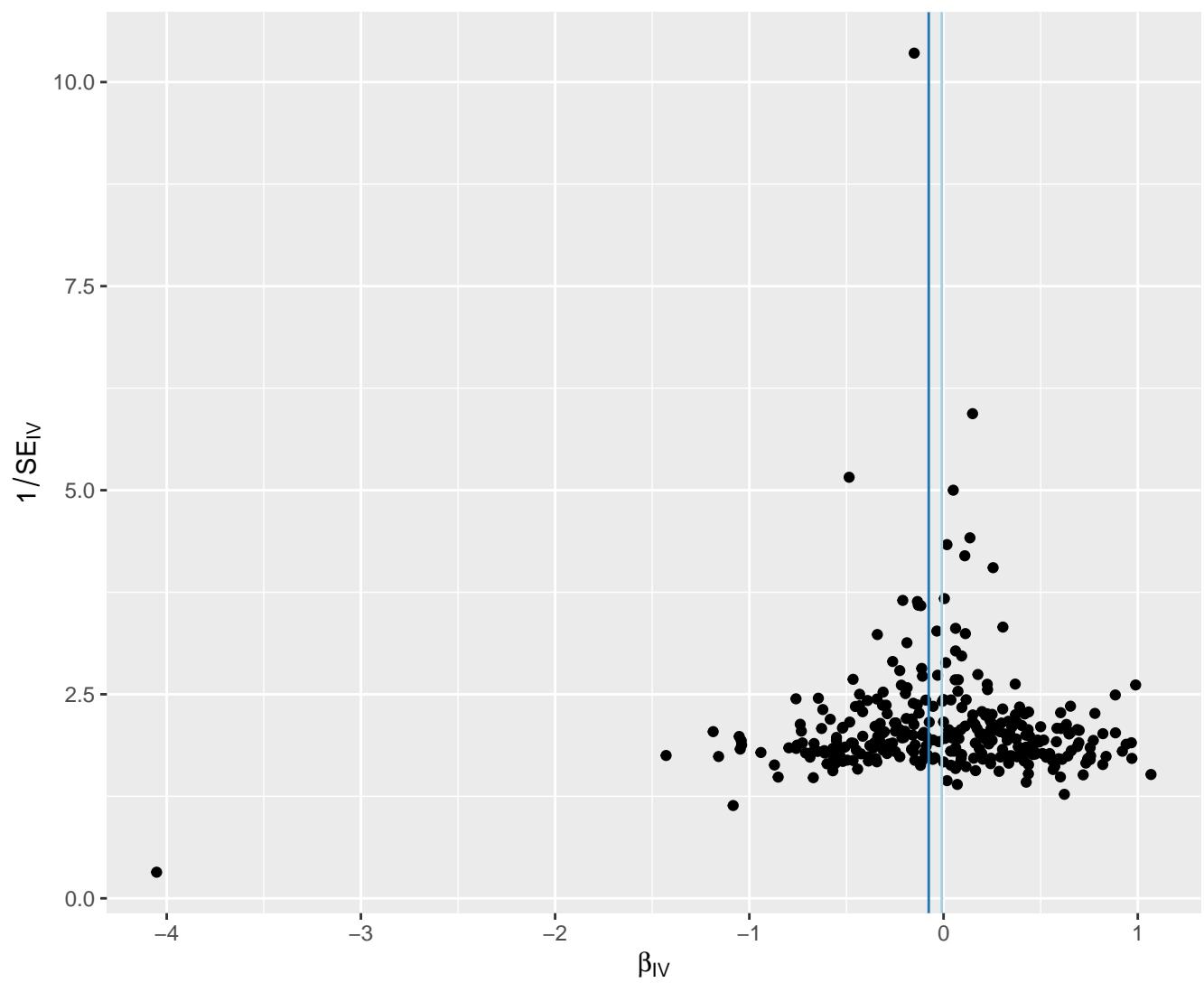


X-13183--stearamide

MR Method

 Inverse variance weighted

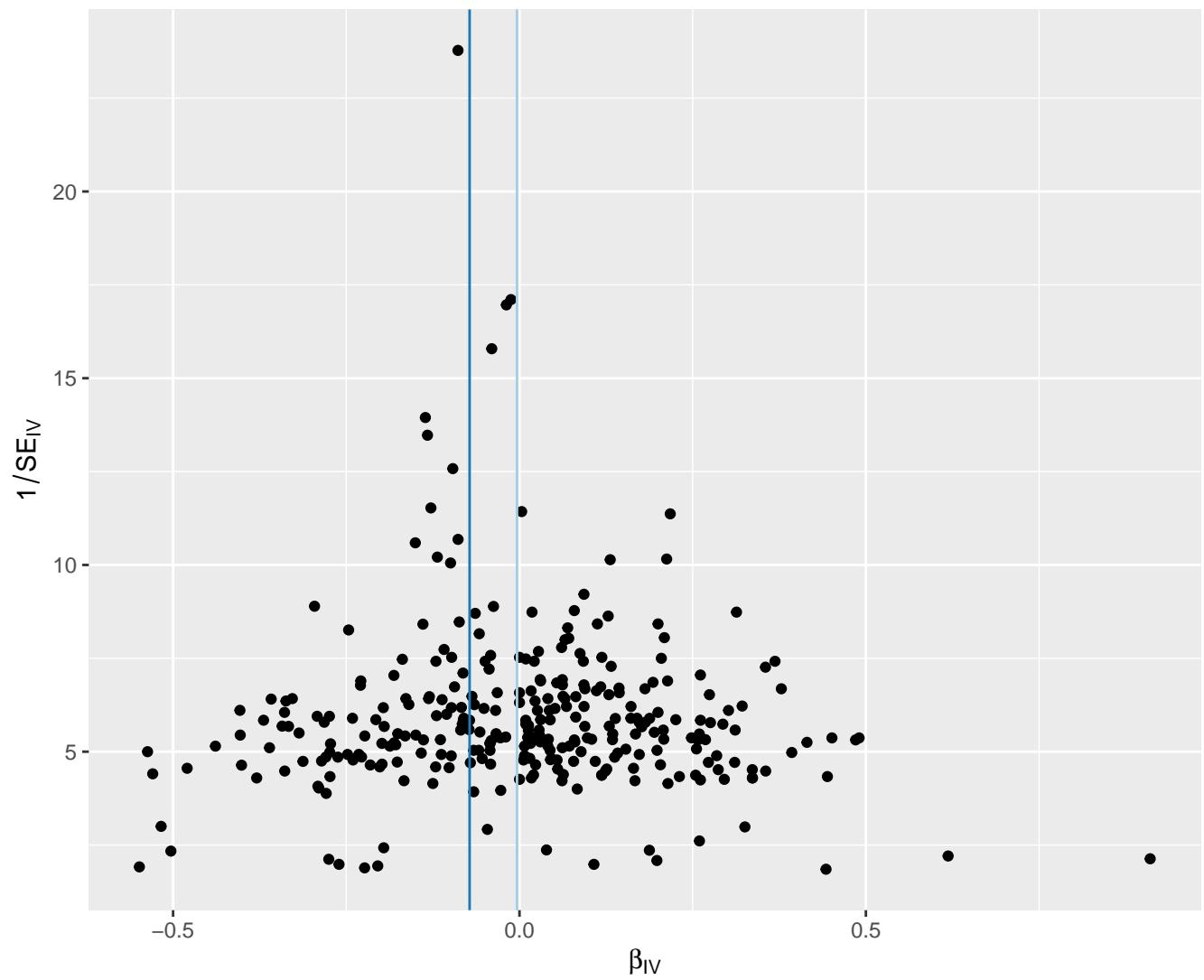
 MR Egger



MR Method

Inverse variance weighted

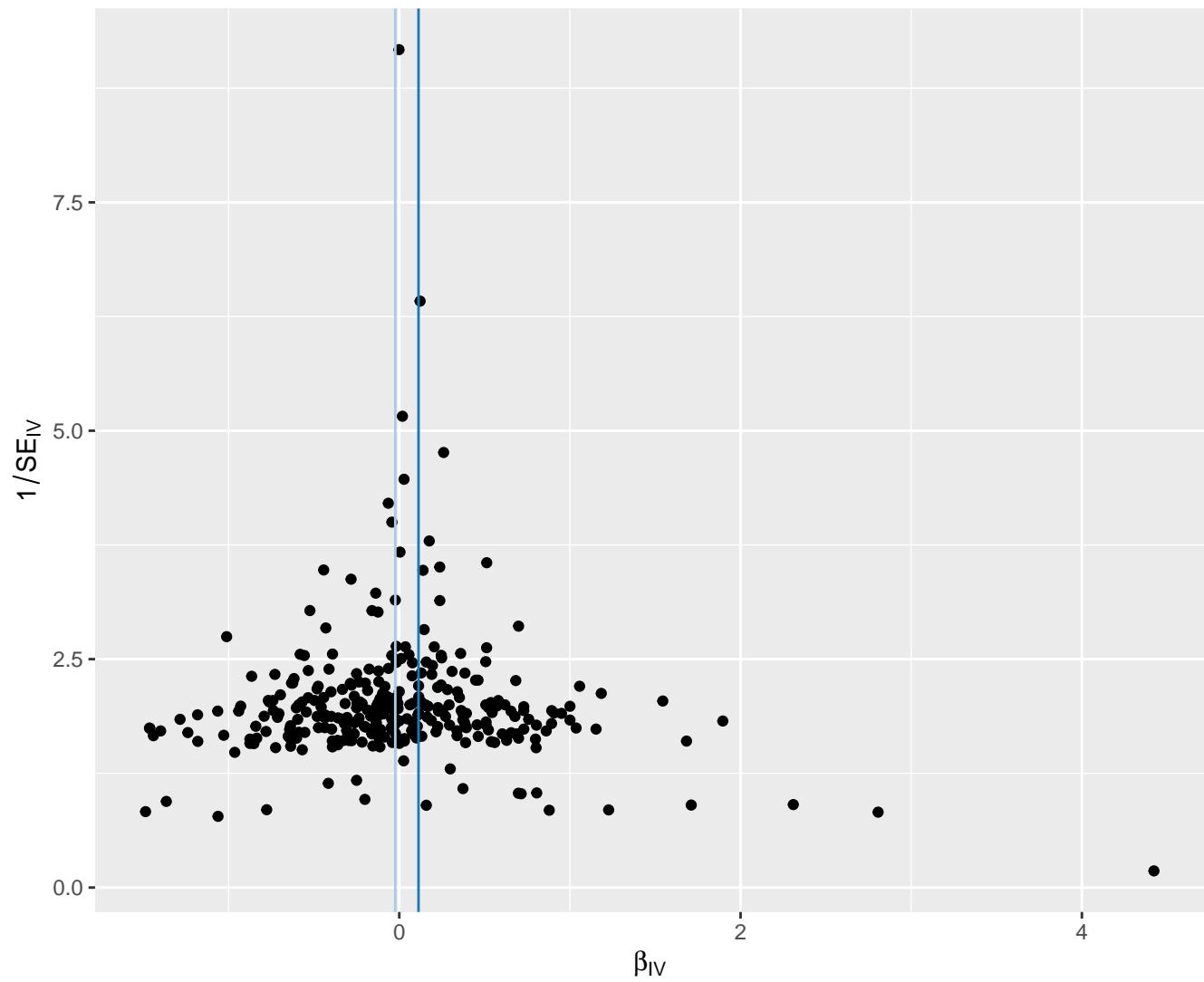
MR Egger



MR Method

Inverse variance weighted

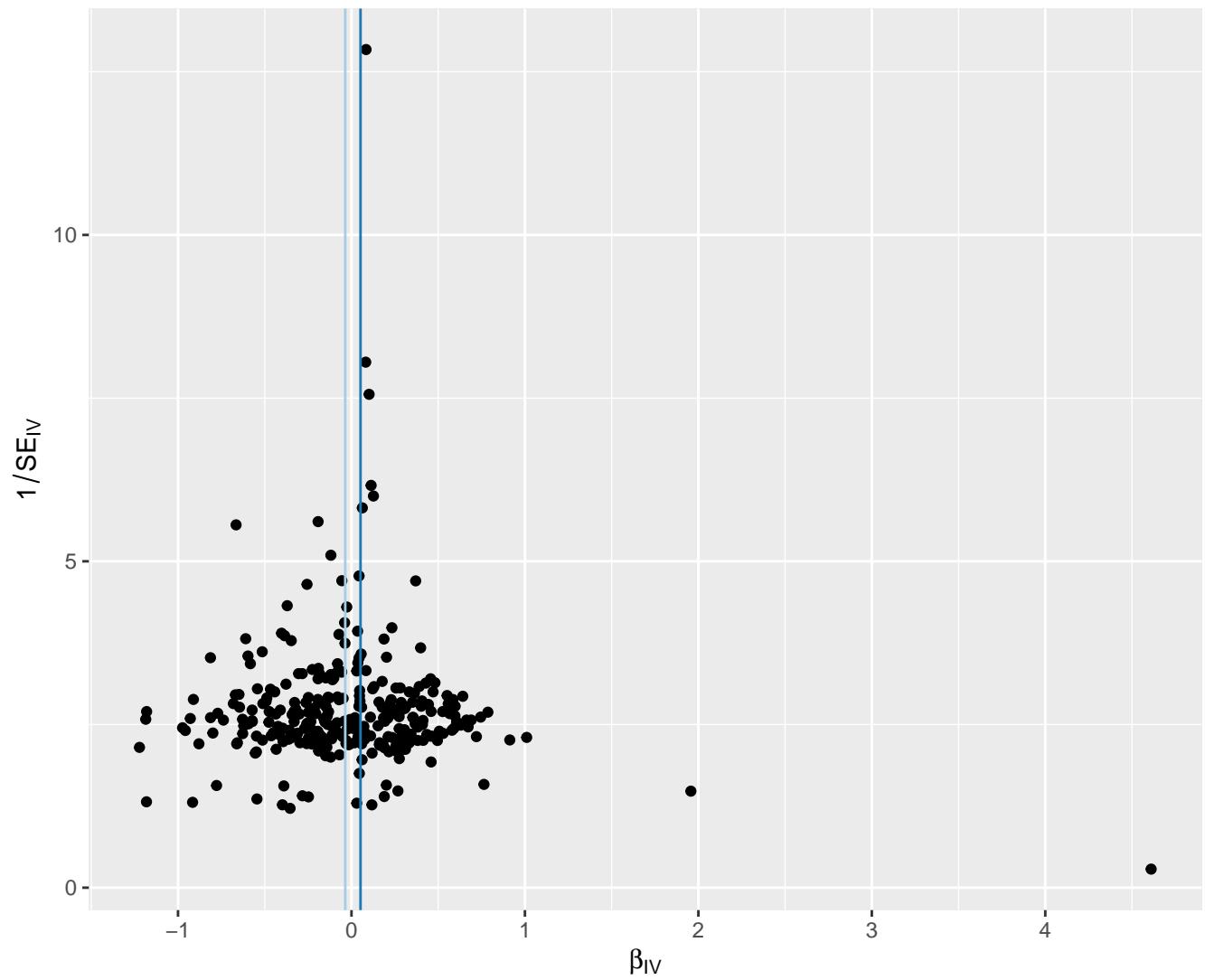
MR Egger



X-13431--nonanoylcarnitine*

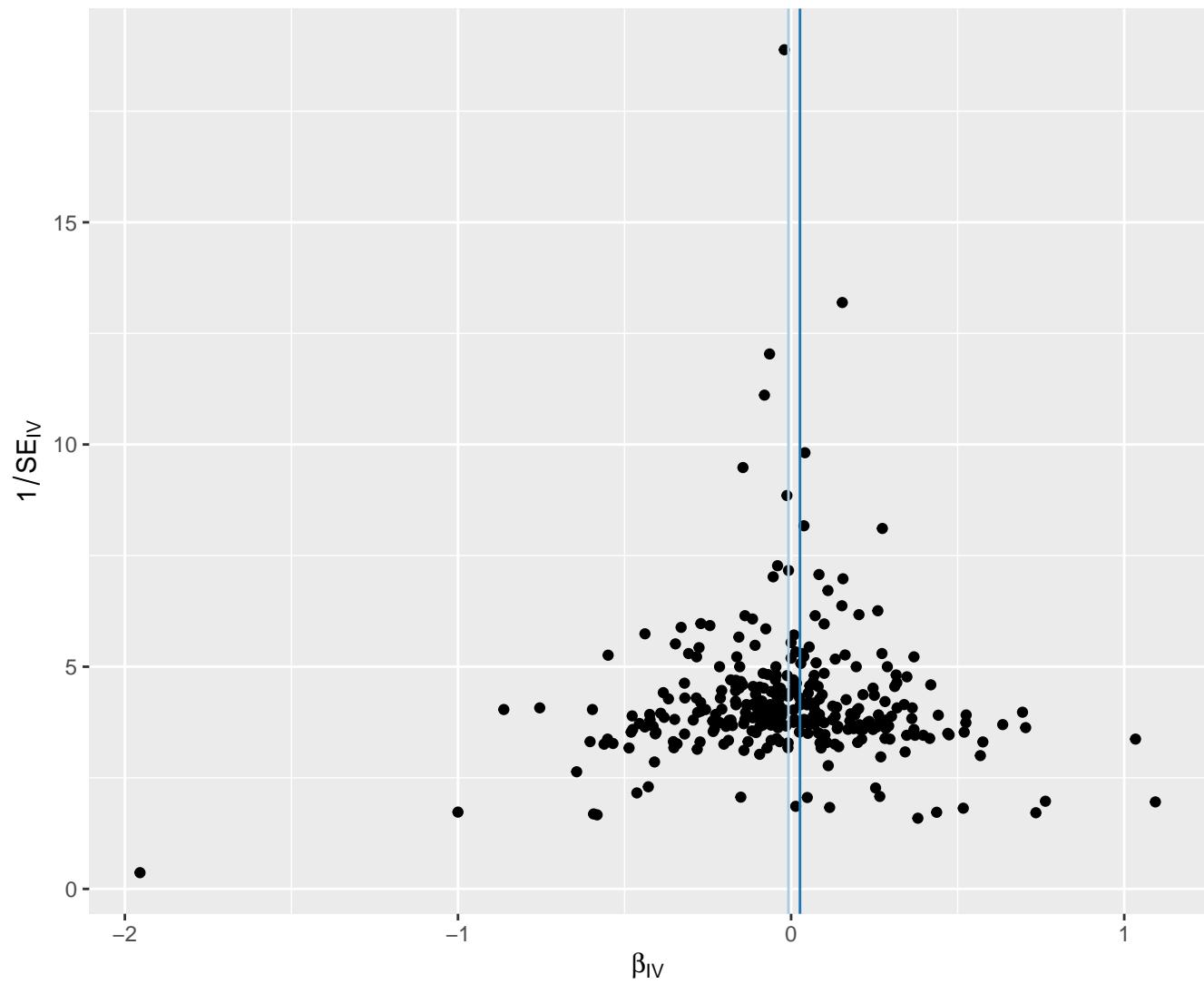
MR Method

- Inverse variance weighted
- MR Egger



MR Method

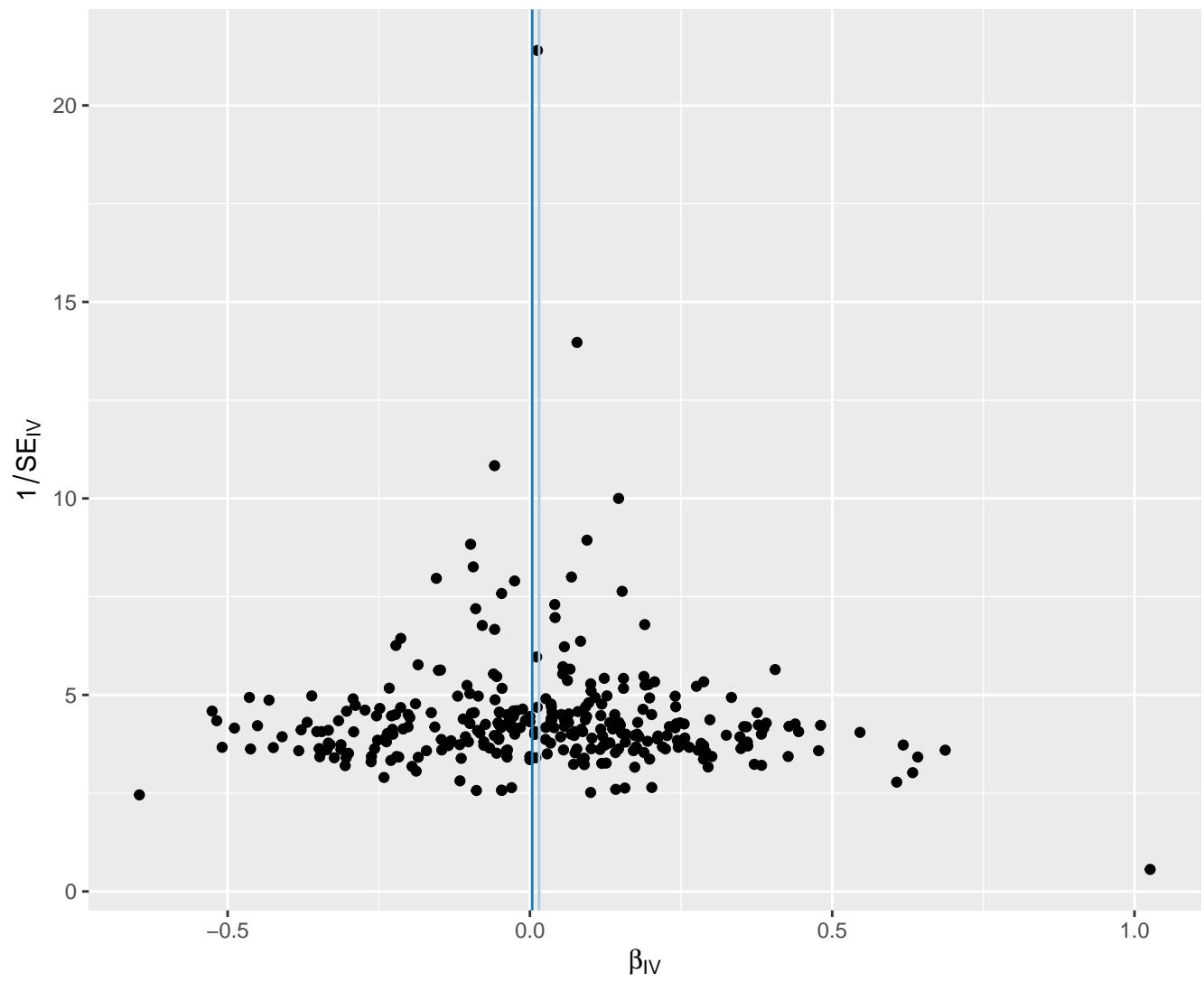
- Inverse variance weighted
- MR Egger



X-13477

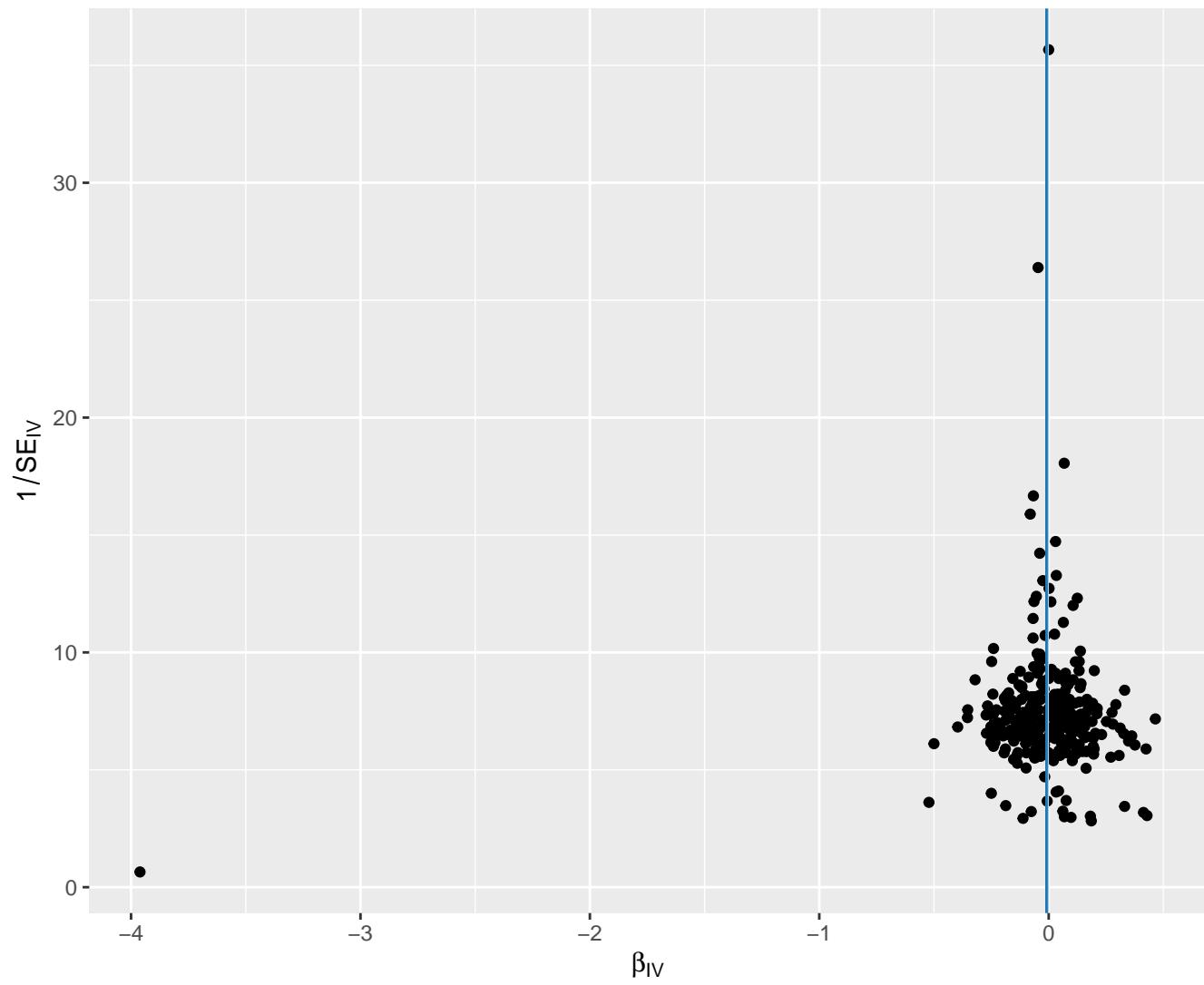
MR Method

Inverse variance weighted
MR Egger



MR Method

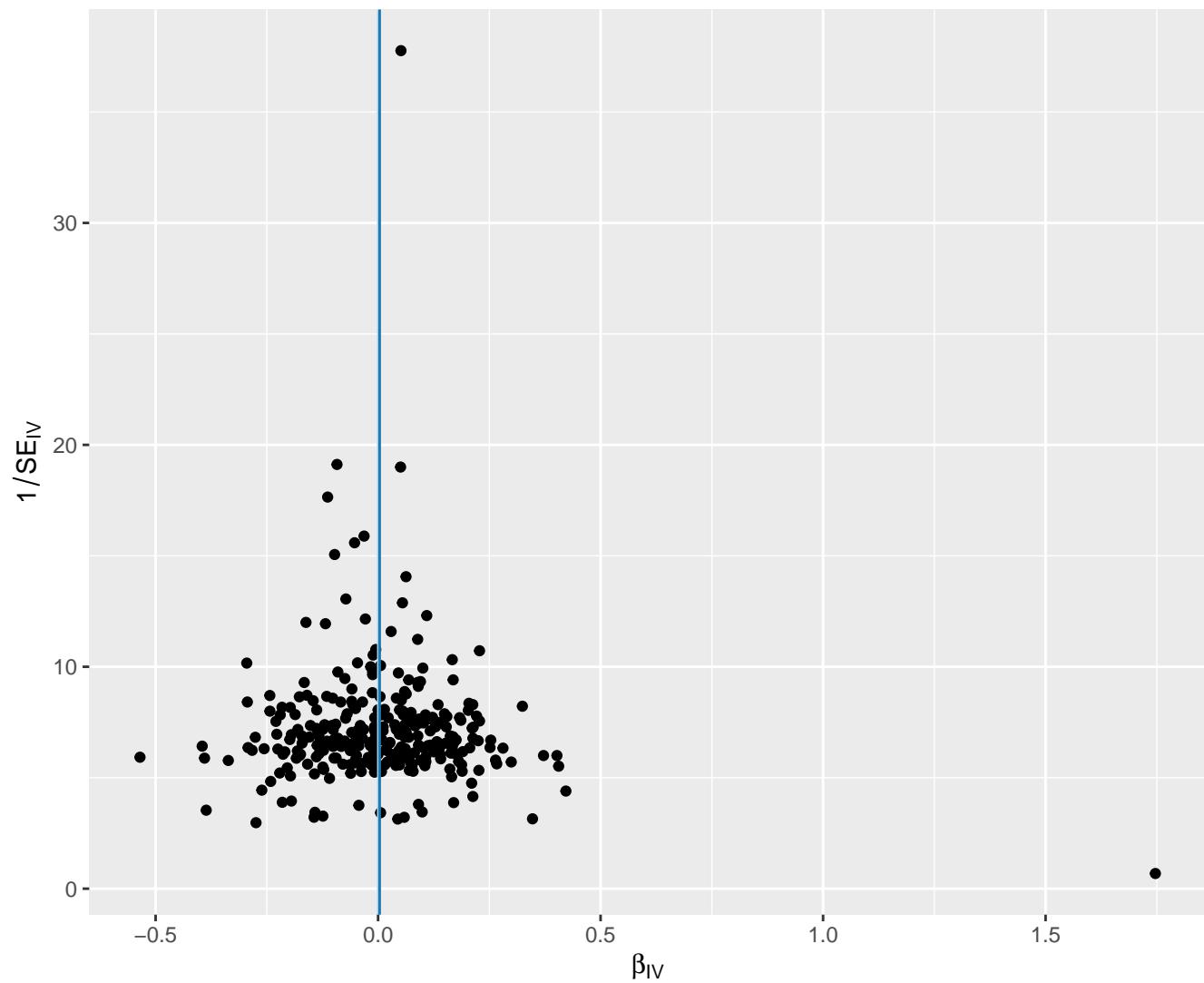
- Inverse variance weighted
- MR Egger



MR Method

Inverse variance weighted

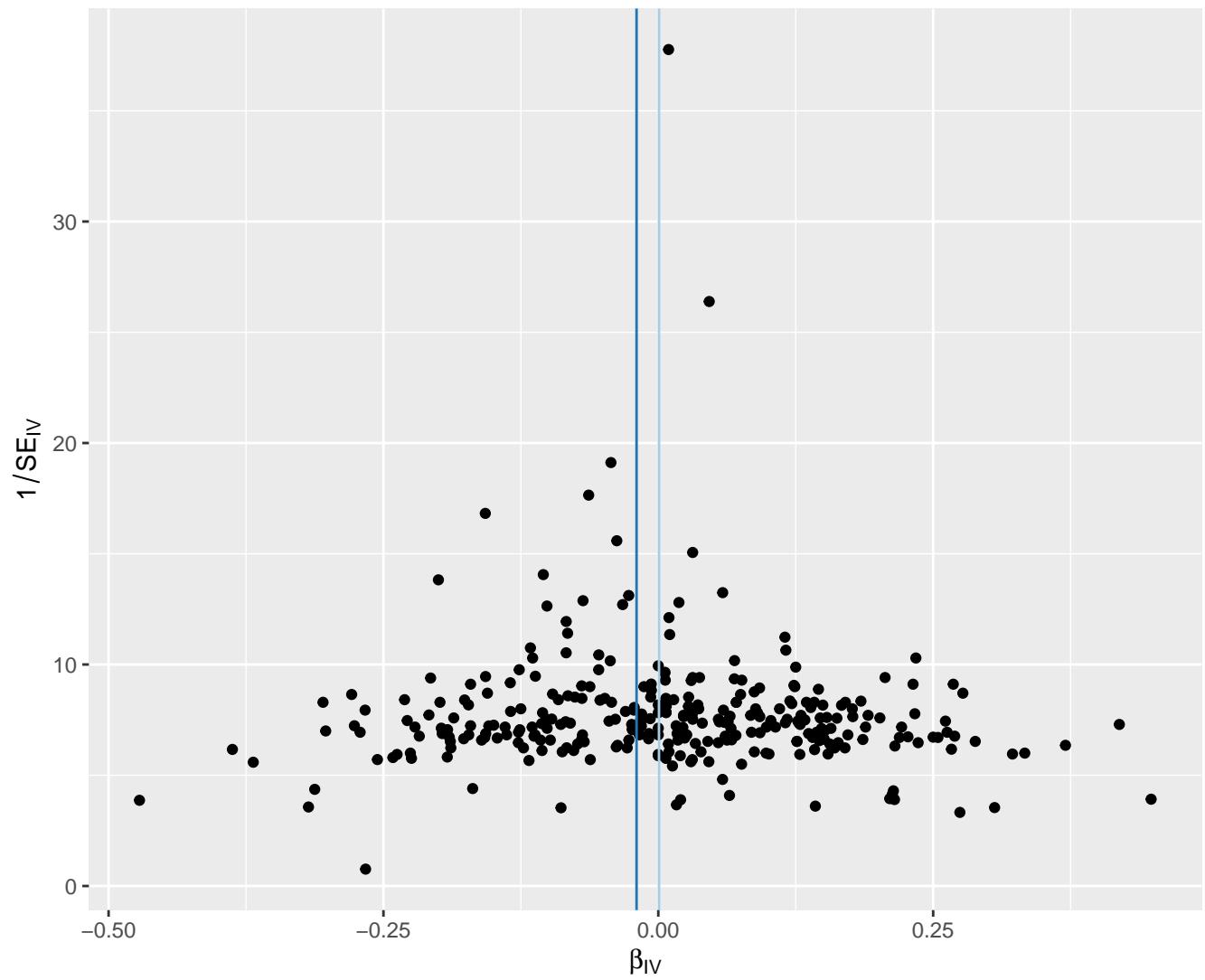
MR Egger



X-13549

MR Method

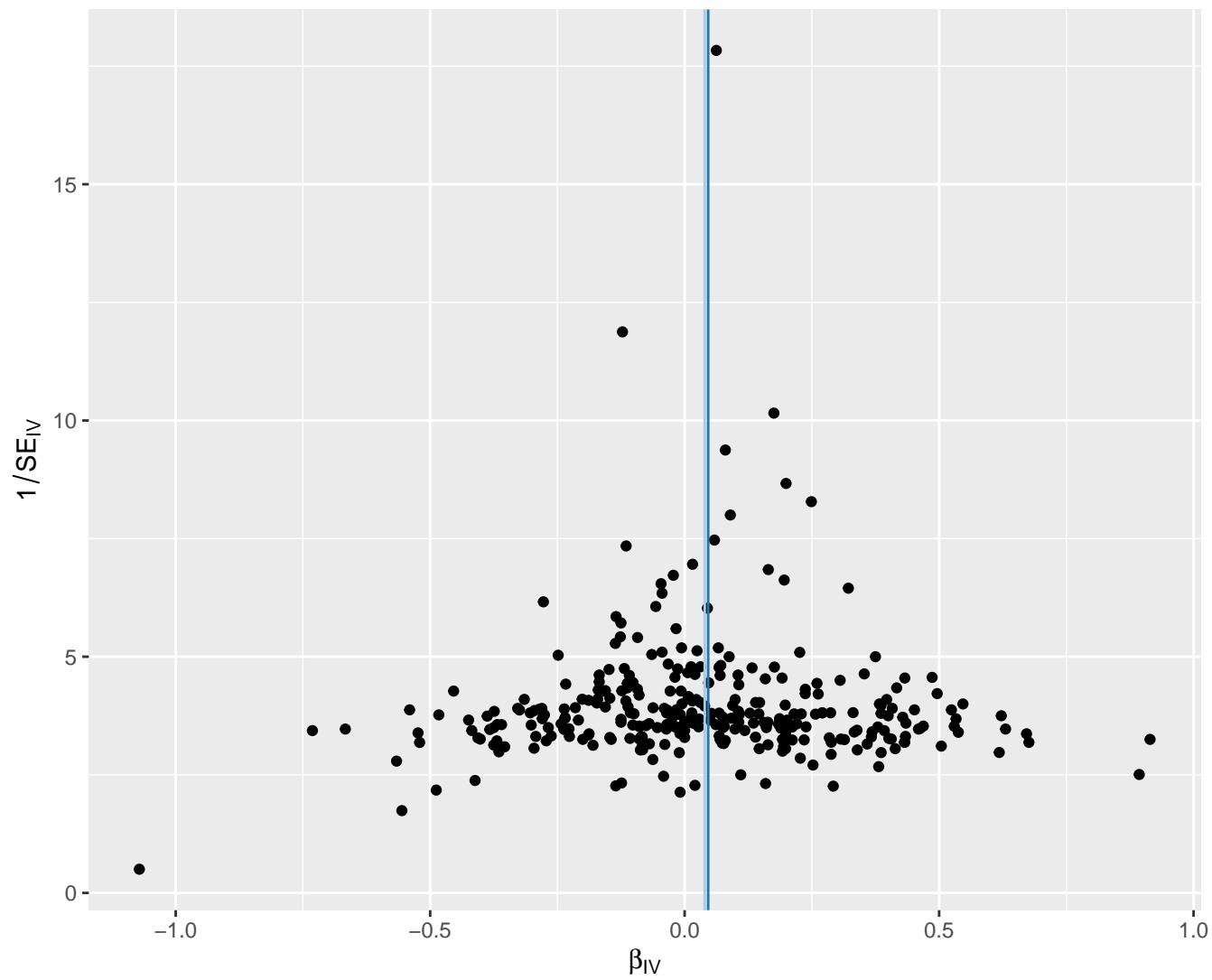
Inverse variance weighted
MR Egger



MR Method

Inverse variance weighted

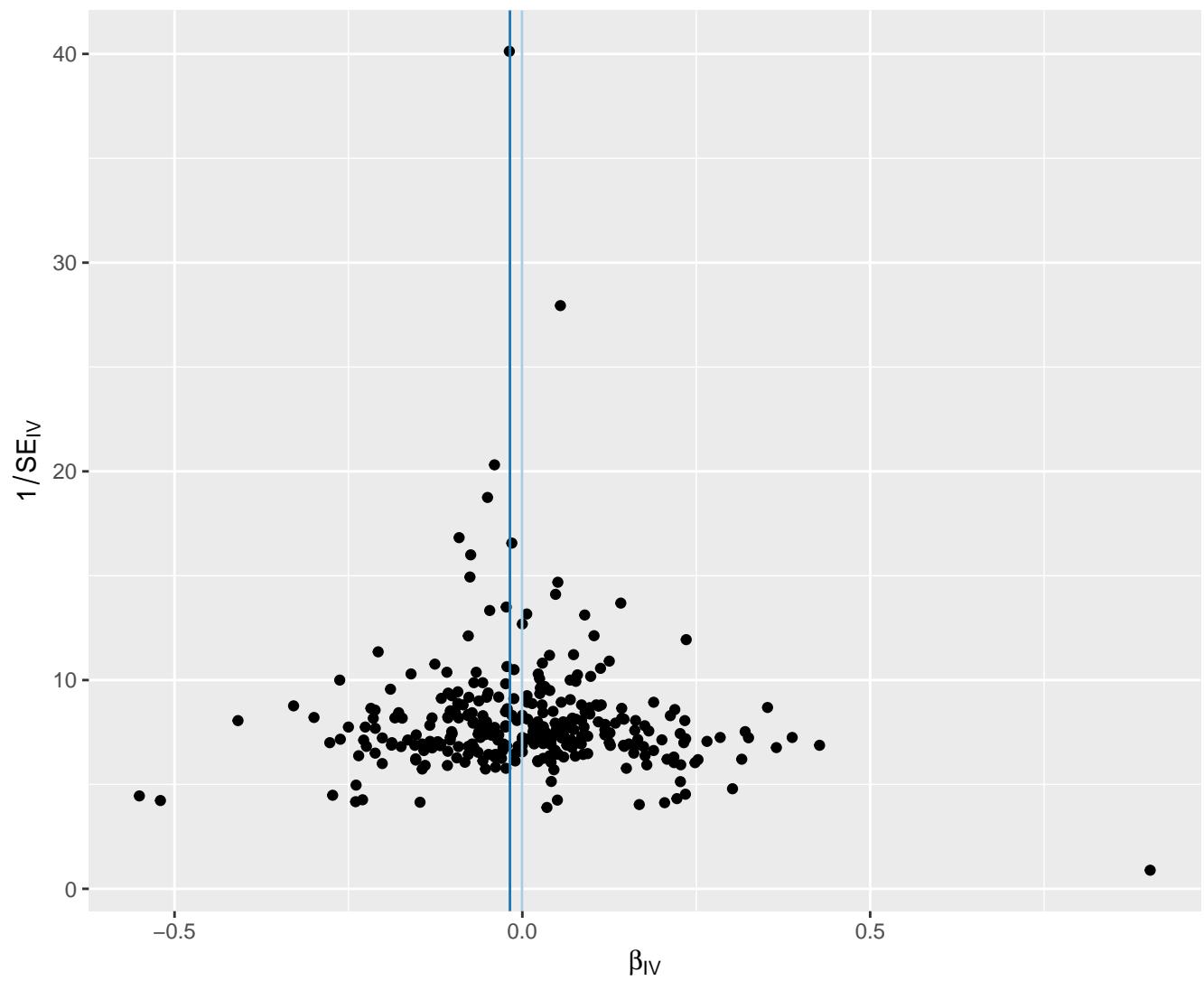
MR Egger



MR Method

 Inverse variance weighted

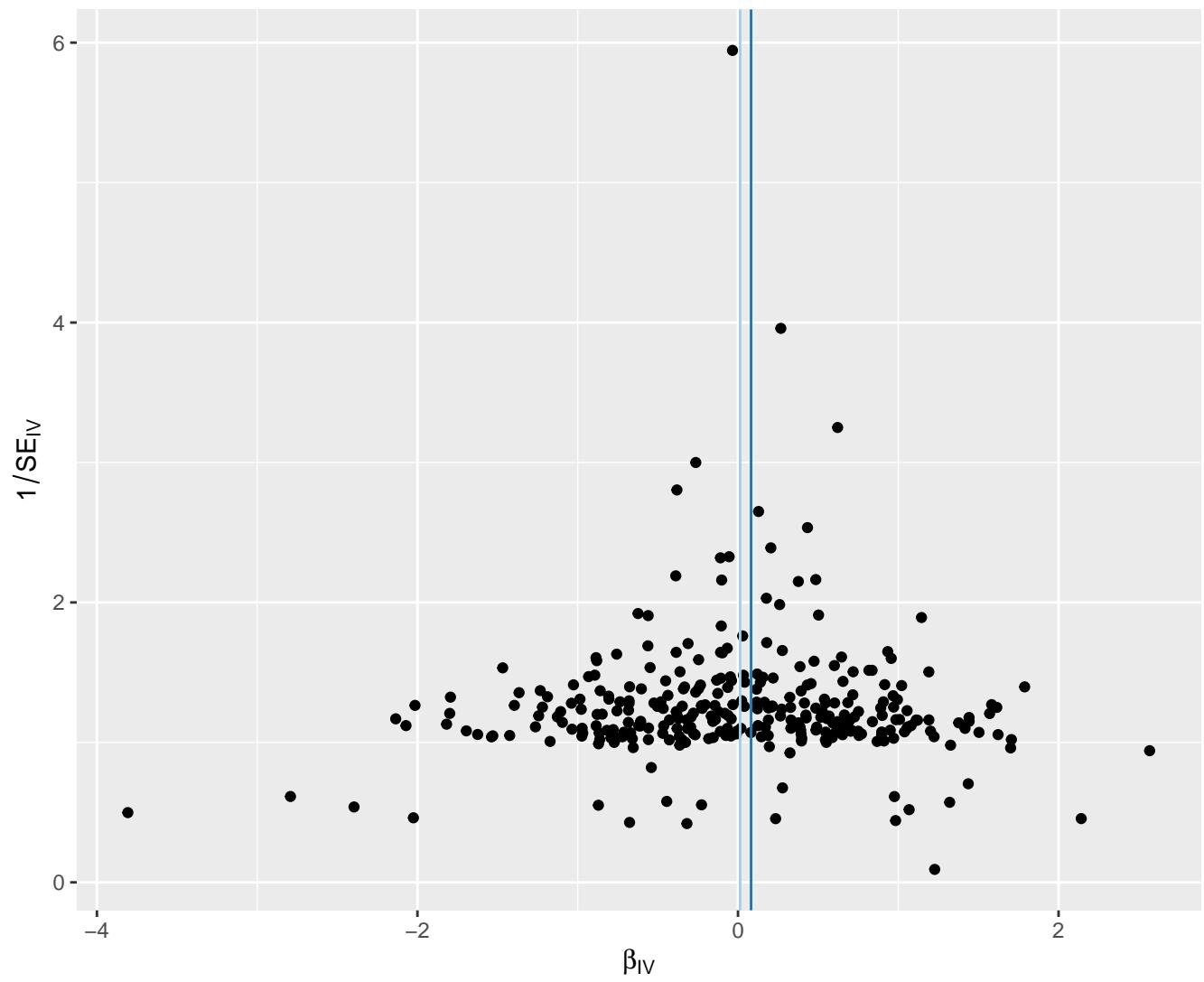
MR Egger



MR Method

Inverse variance weighted

MR Egger

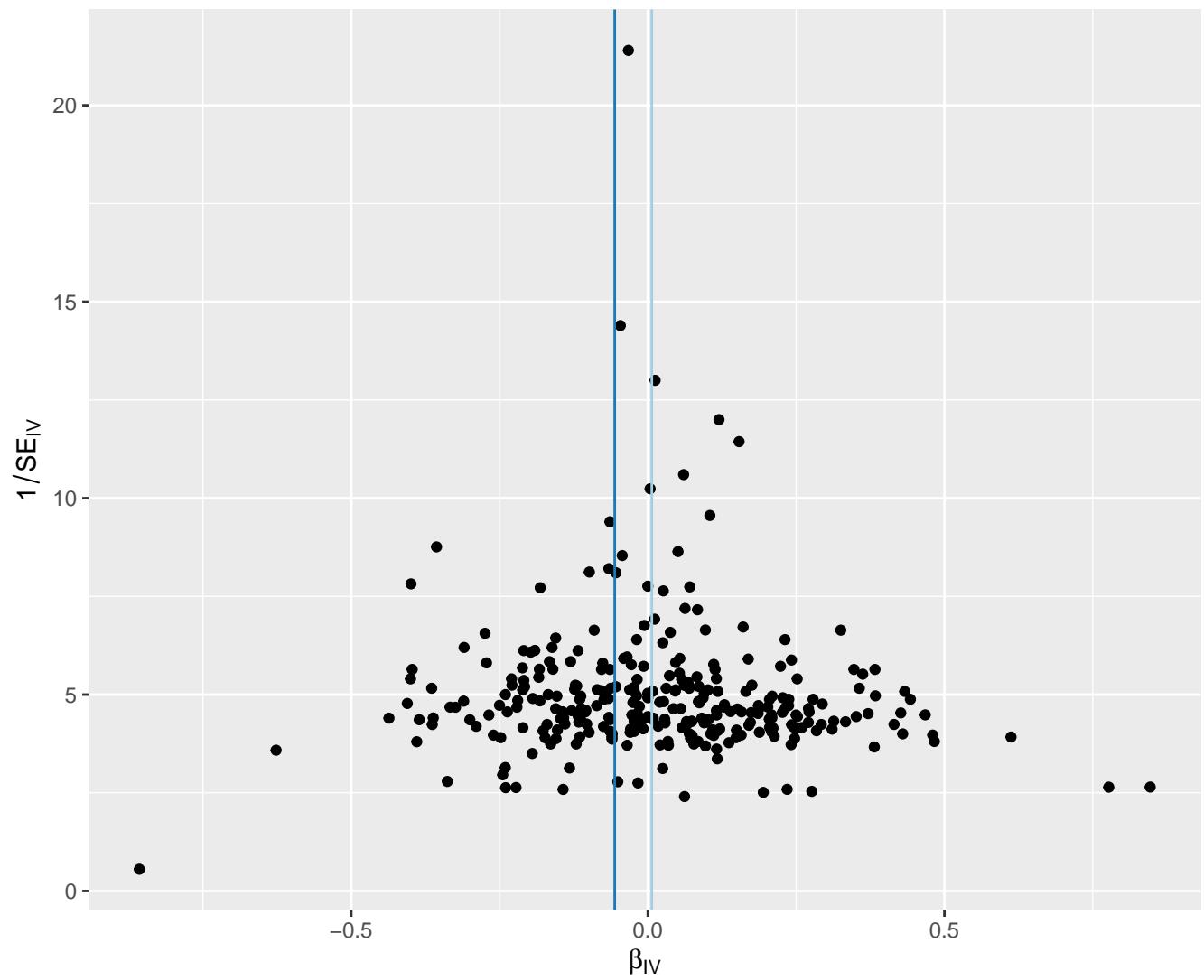


X-13671

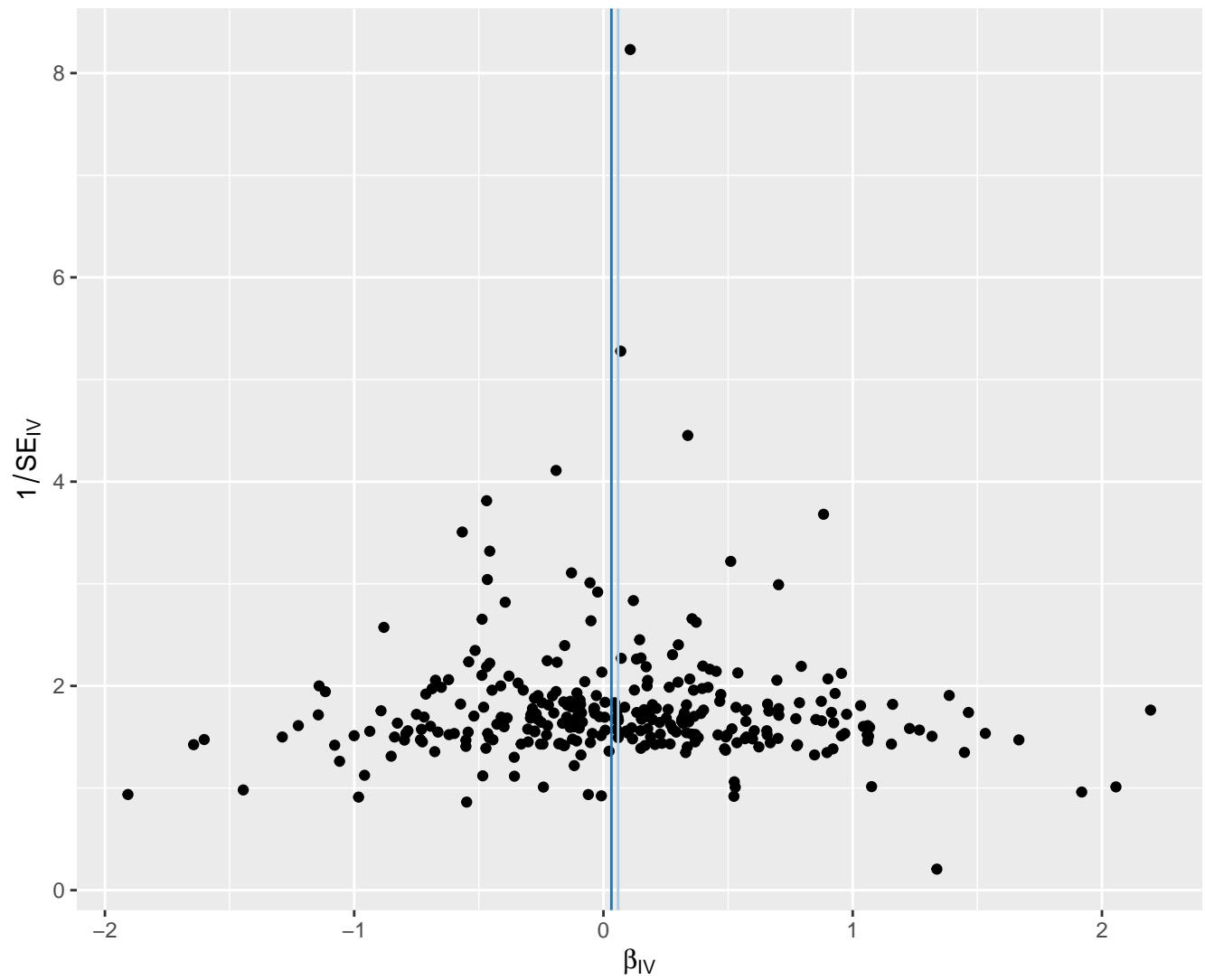
MR Method

Inverse variance weighted

MR Egger



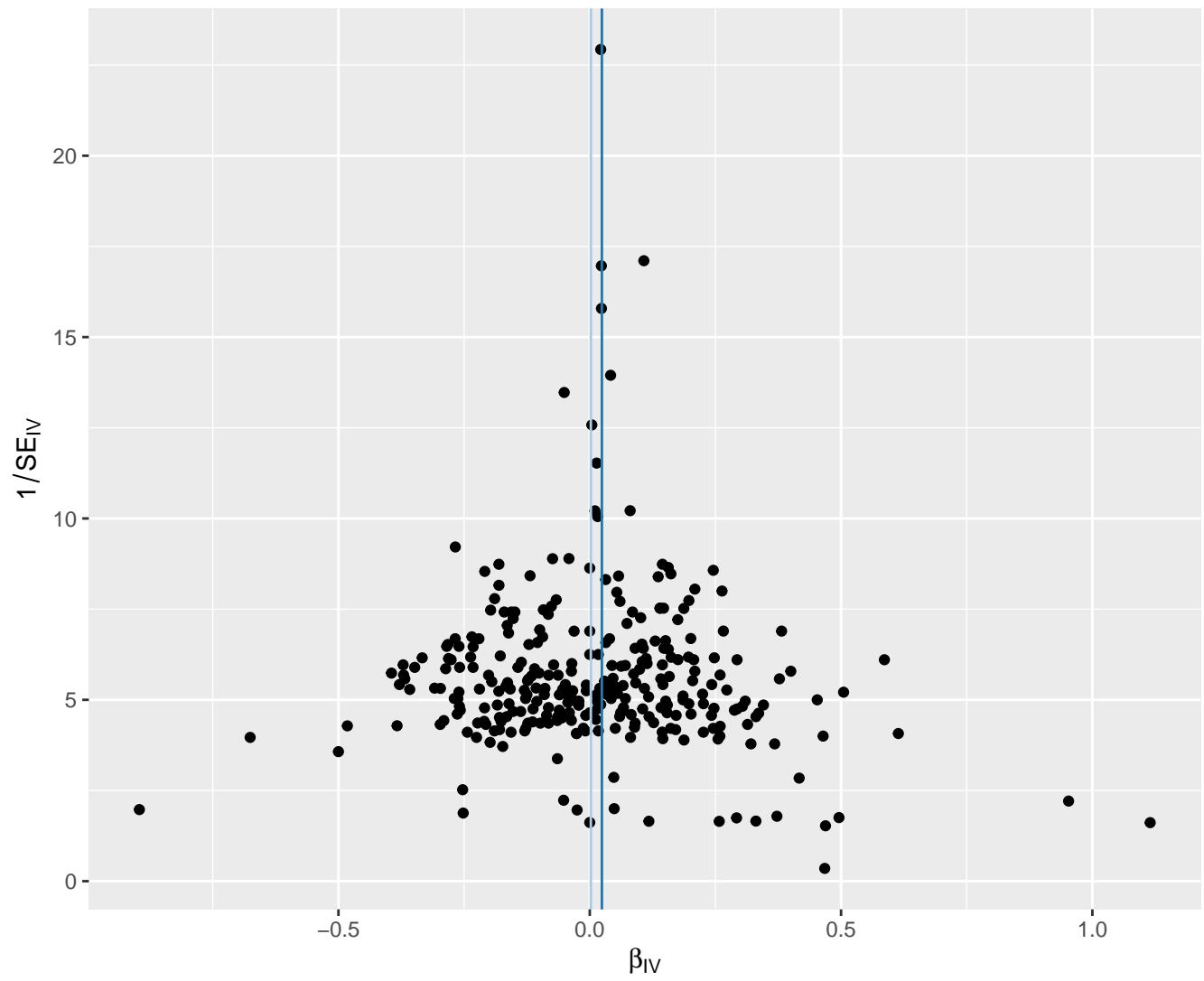
MR Method

 Inverse variance weighted MR Egger

MR Method

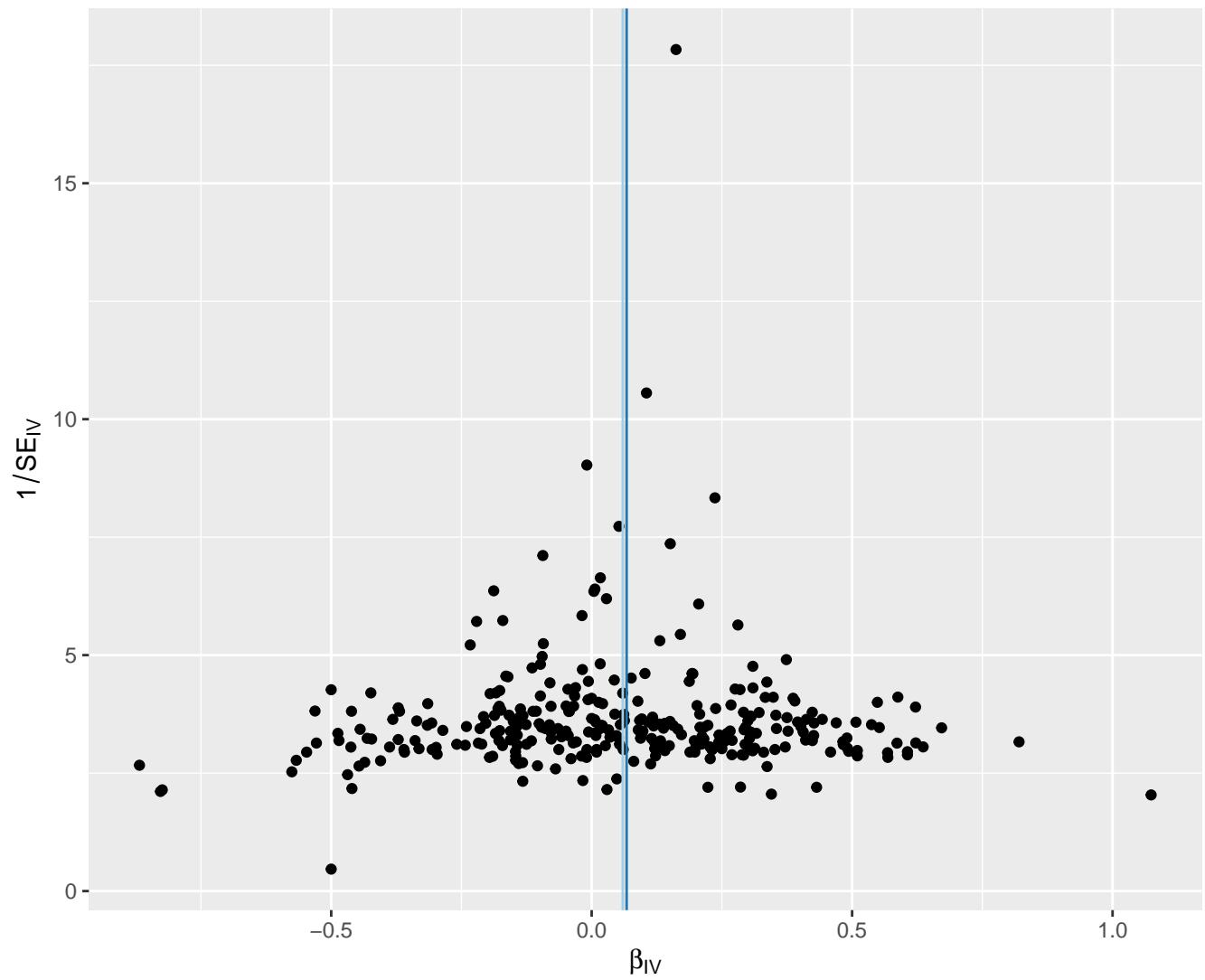
Inverse variance weighted

MR Egger



MR Method

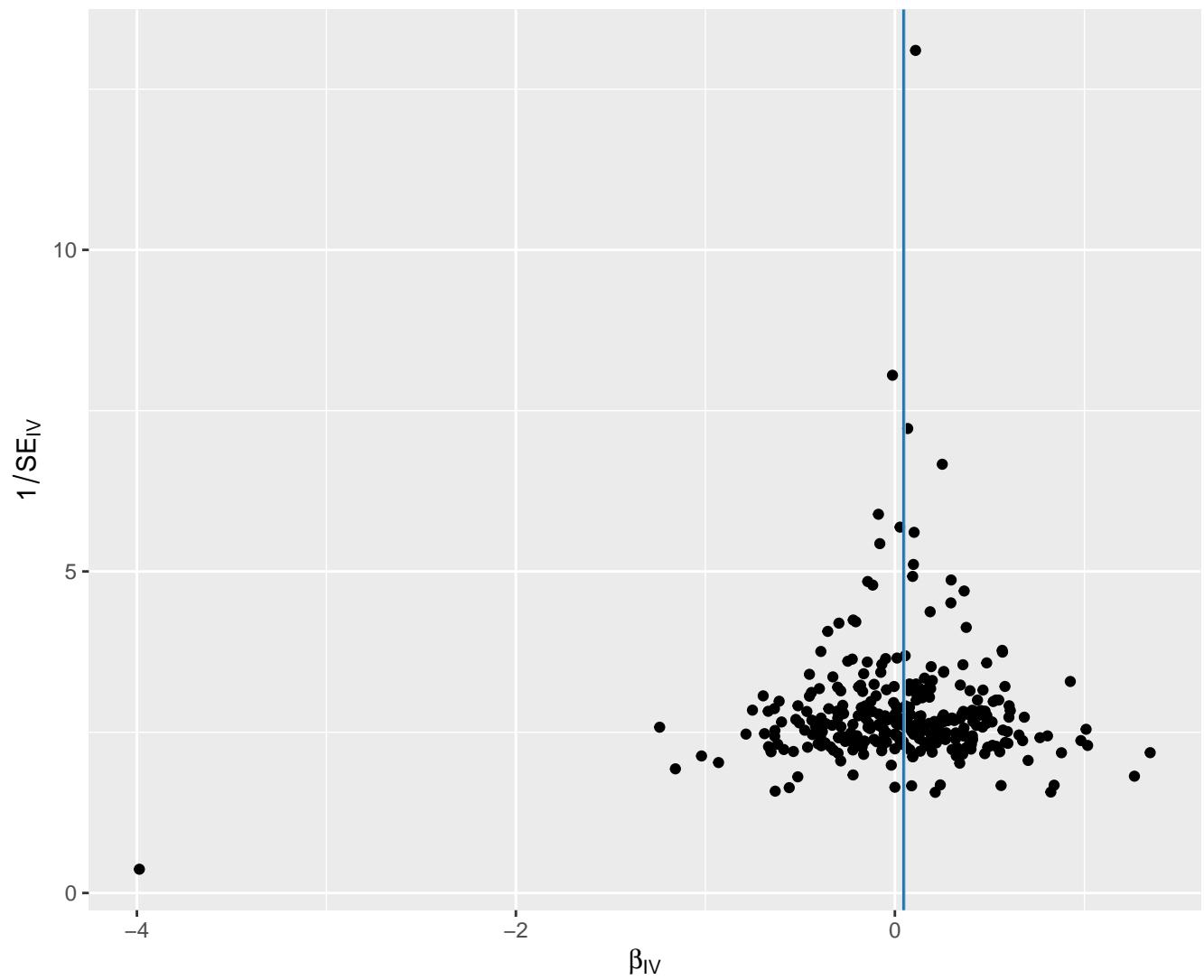
 Inverse variance weighted
MR Egger



MR Method

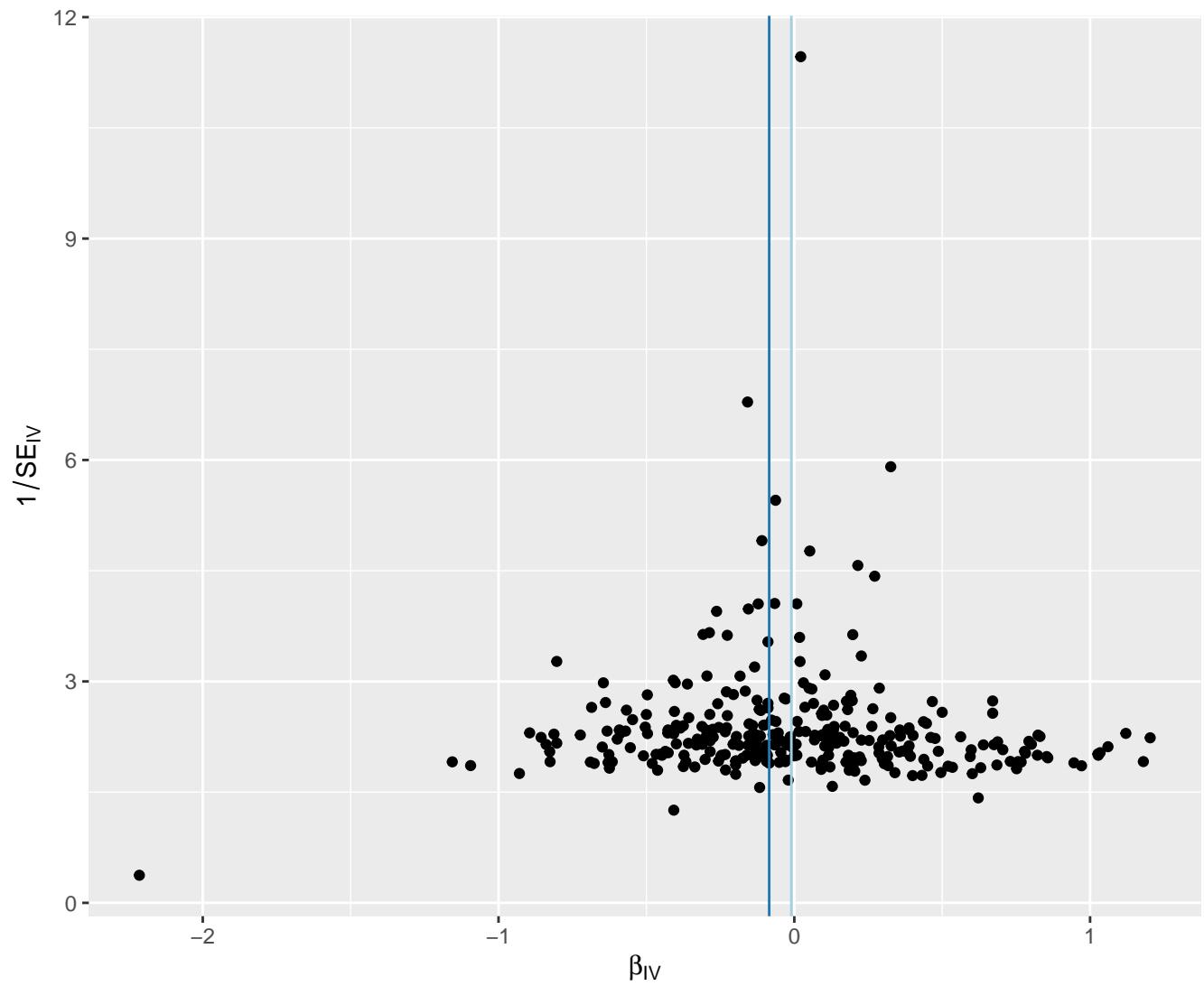
Inverse variance weighted

MR Egger



MR Method

- Inverse variance weighted
- MR Egger

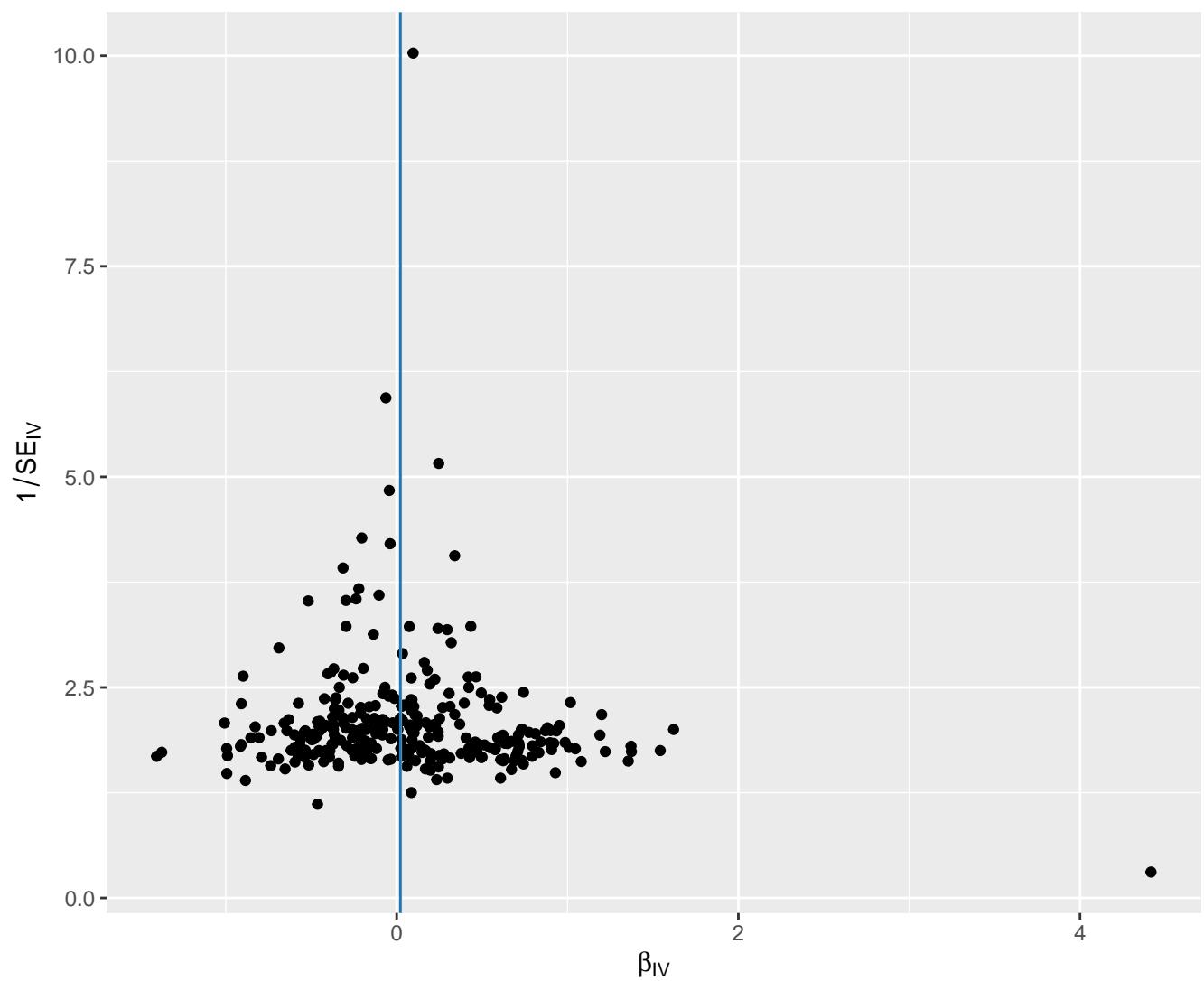


X-14189--leucylalanine

MR Method

Inverse variance weighted

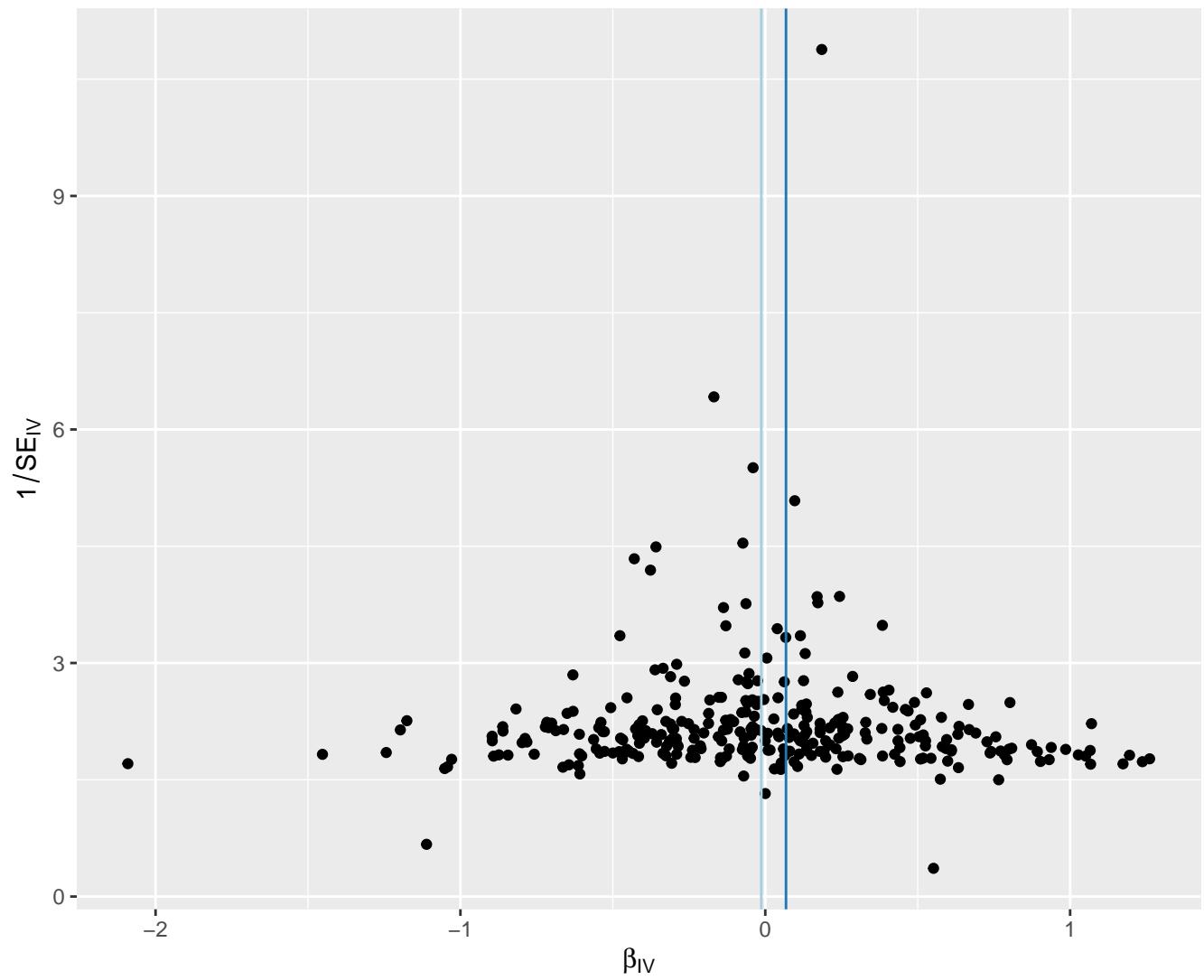
MR Egger



X-14205--alpha-glutamyltyrosine

MR Method

- Inverse variance weighted
- MR Egger



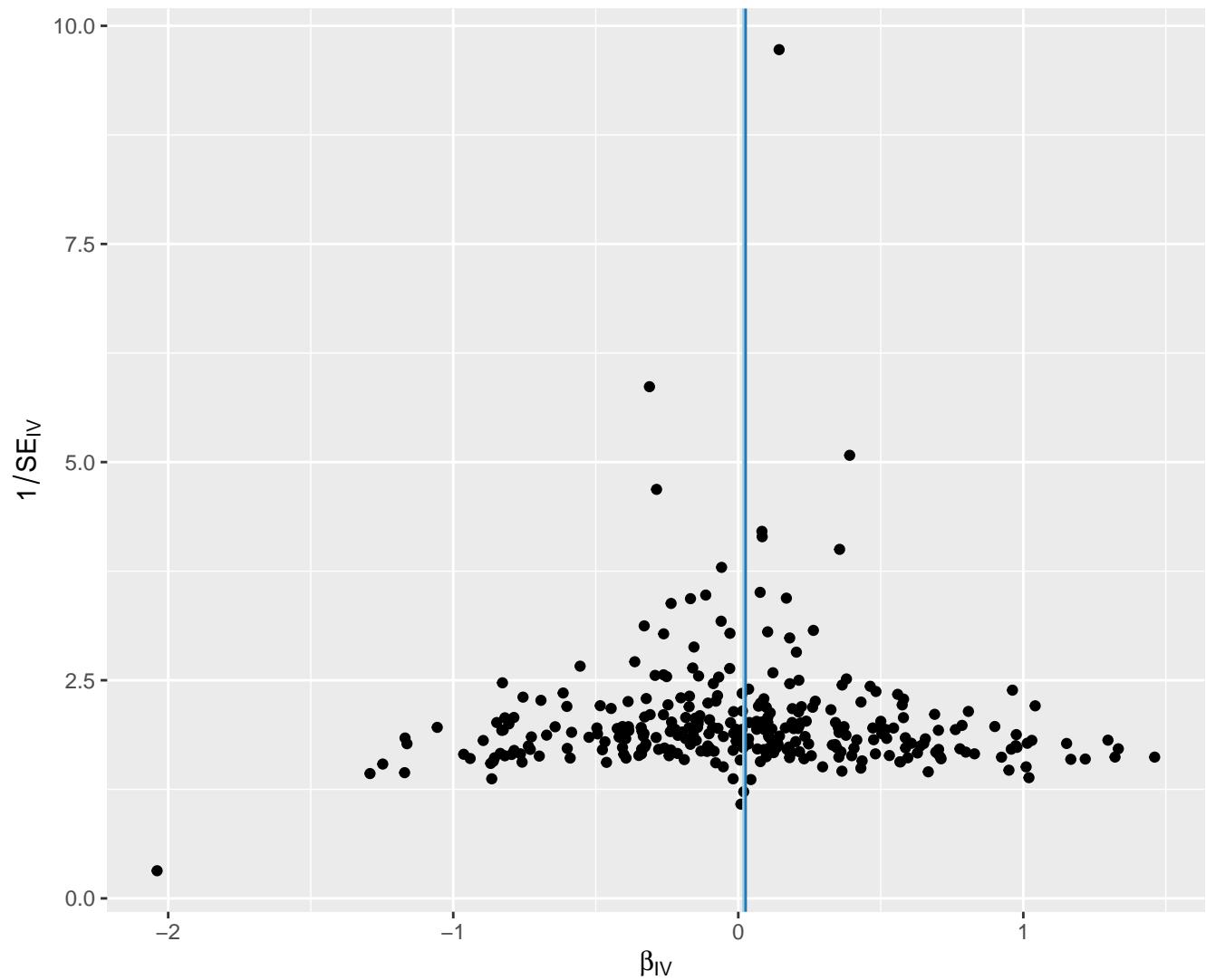
X-14208--phenylalanylserine

MR Method



Inverse variance weighted

MR Egger

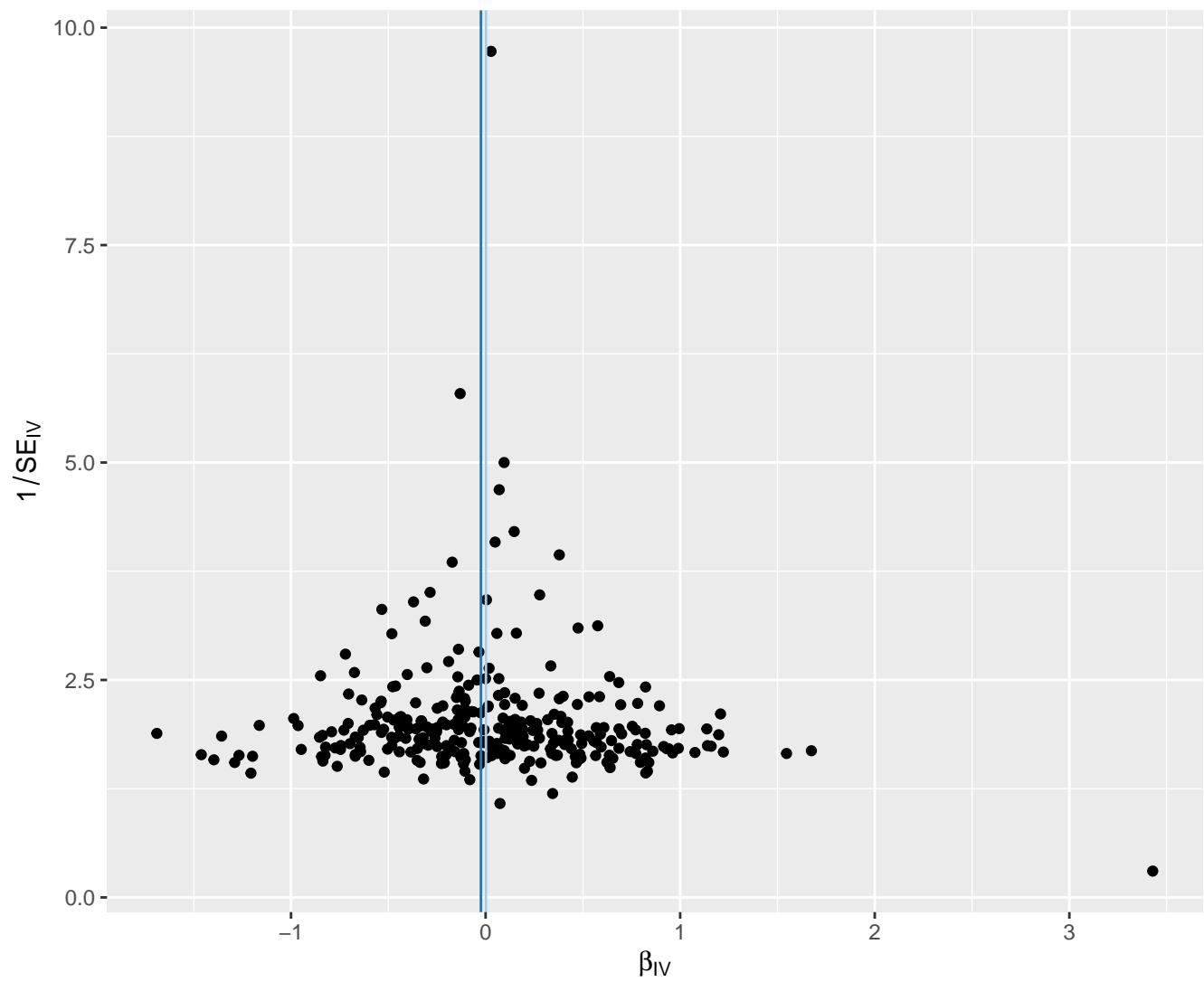


X-14304--leucylalanine

MR Method

Inverse variance weighted

MR Egger

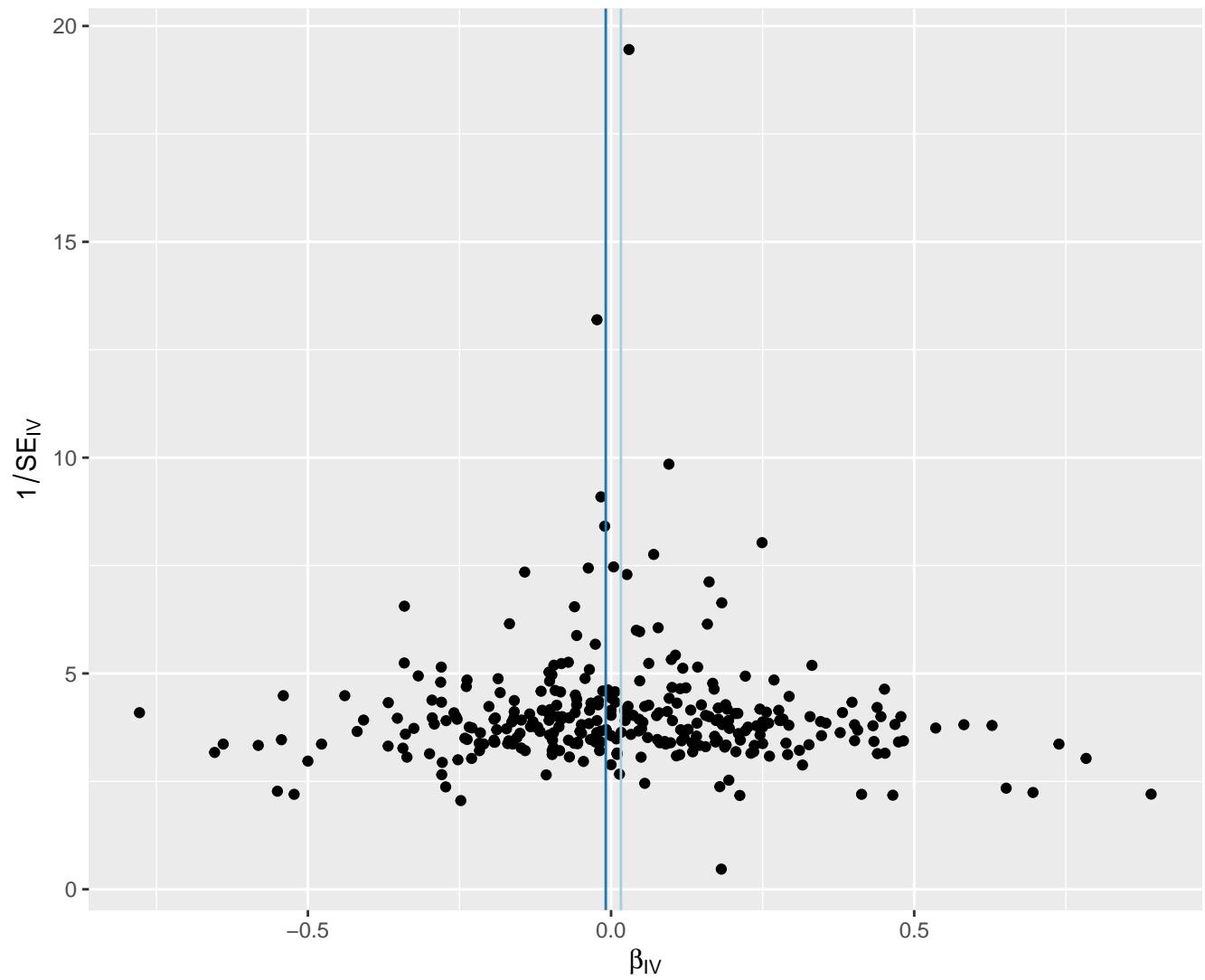


X-14374

MR Method

Inverse variance weighted

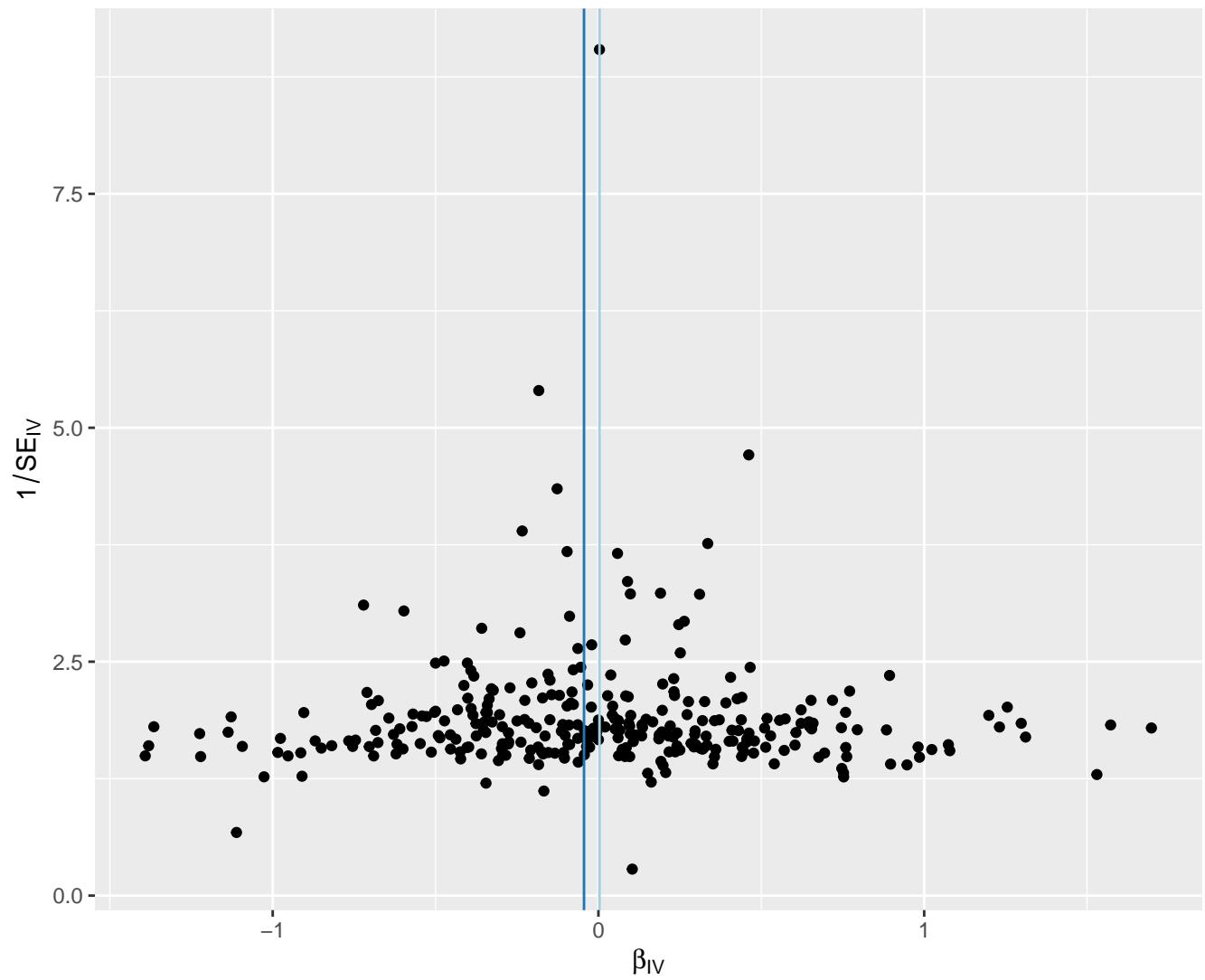
MR Egger



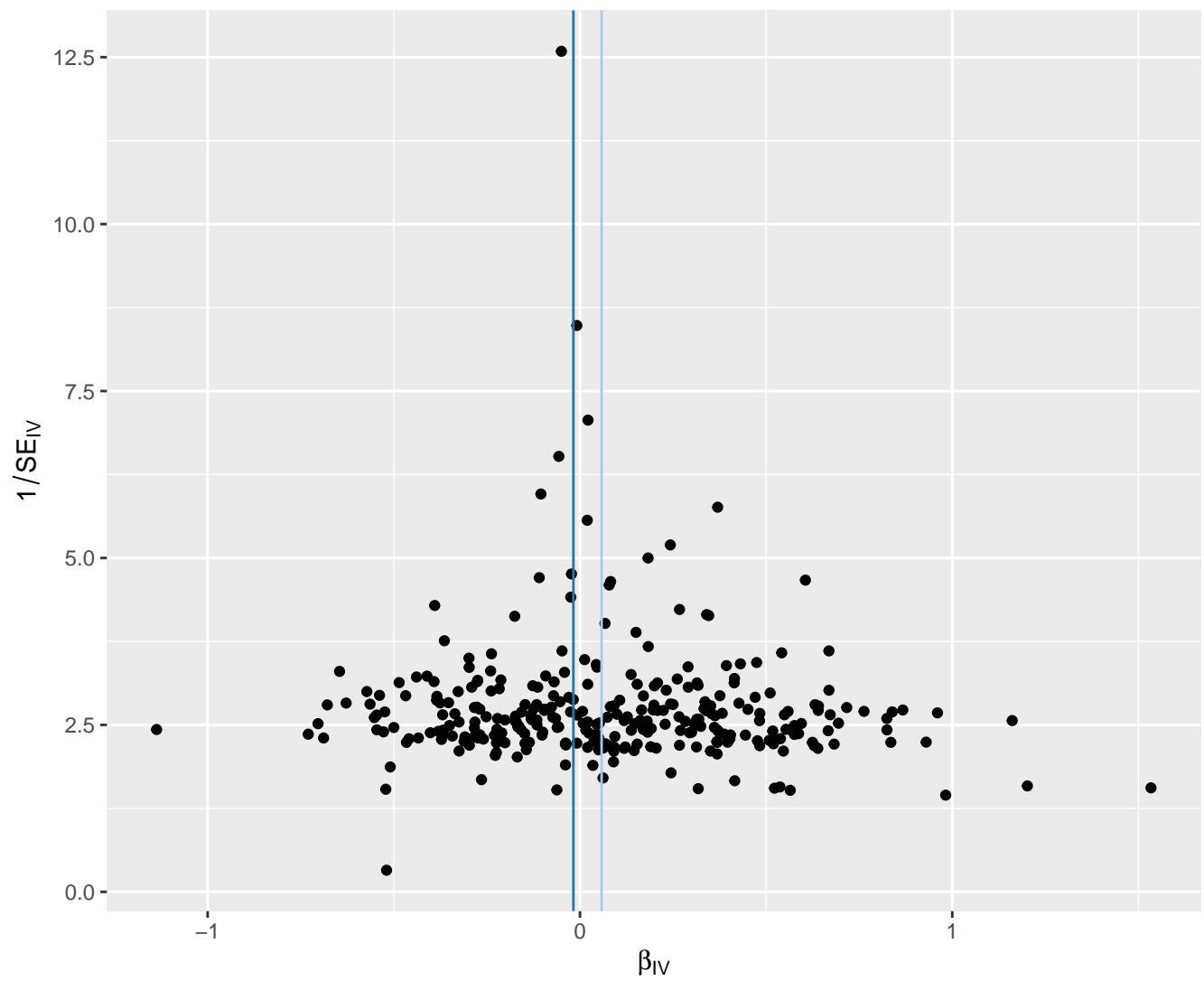
X-14450--phenylalanylleucine

MR Method

- Inverse variance weighted
- MR Egger

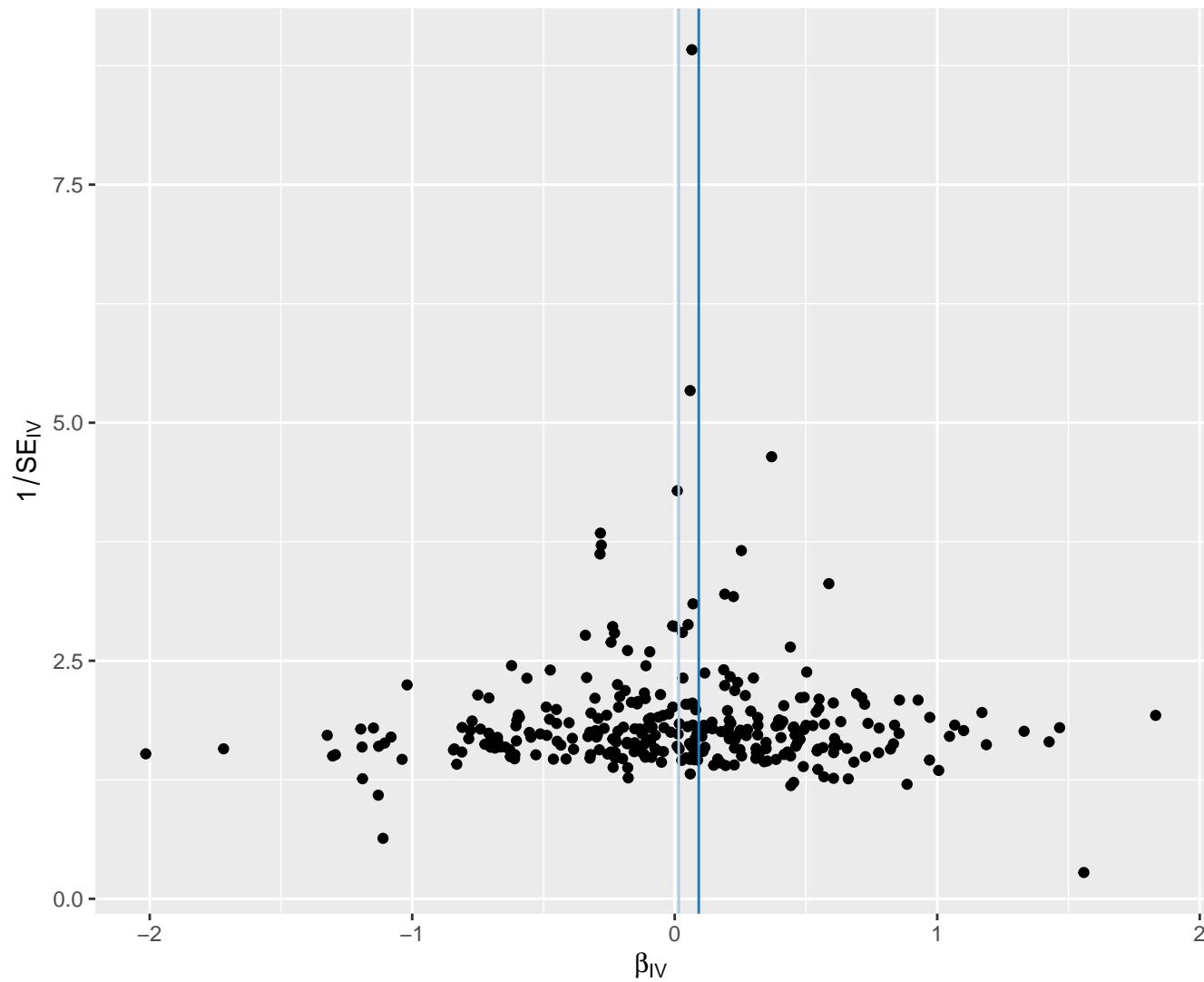


MR Method

 Inverse variance weighted MR Egger

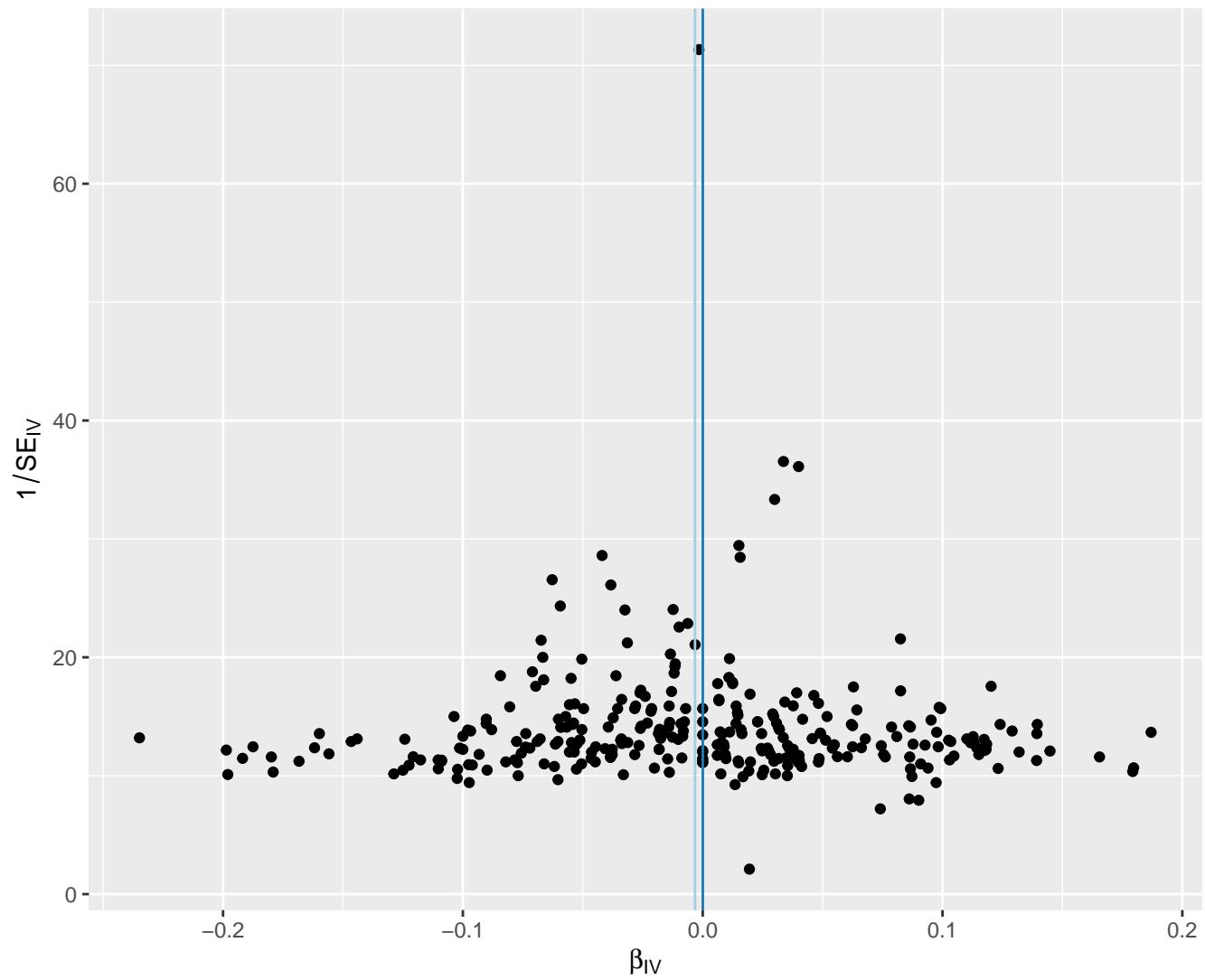
MR Method

- Inverse variance weighted
- MR Egger



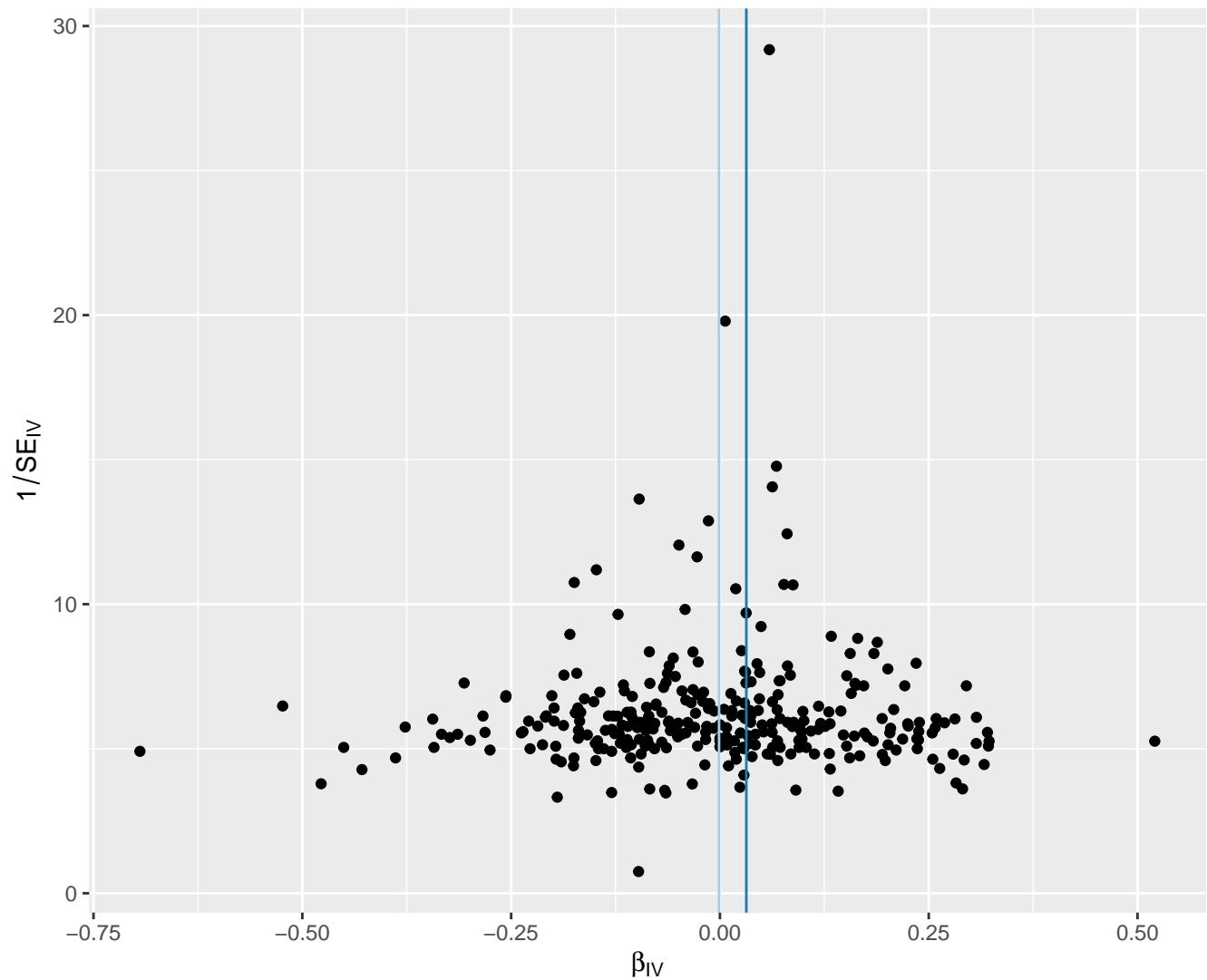
MR Method

 Inverse variance weighted
MR Egger



MR Method

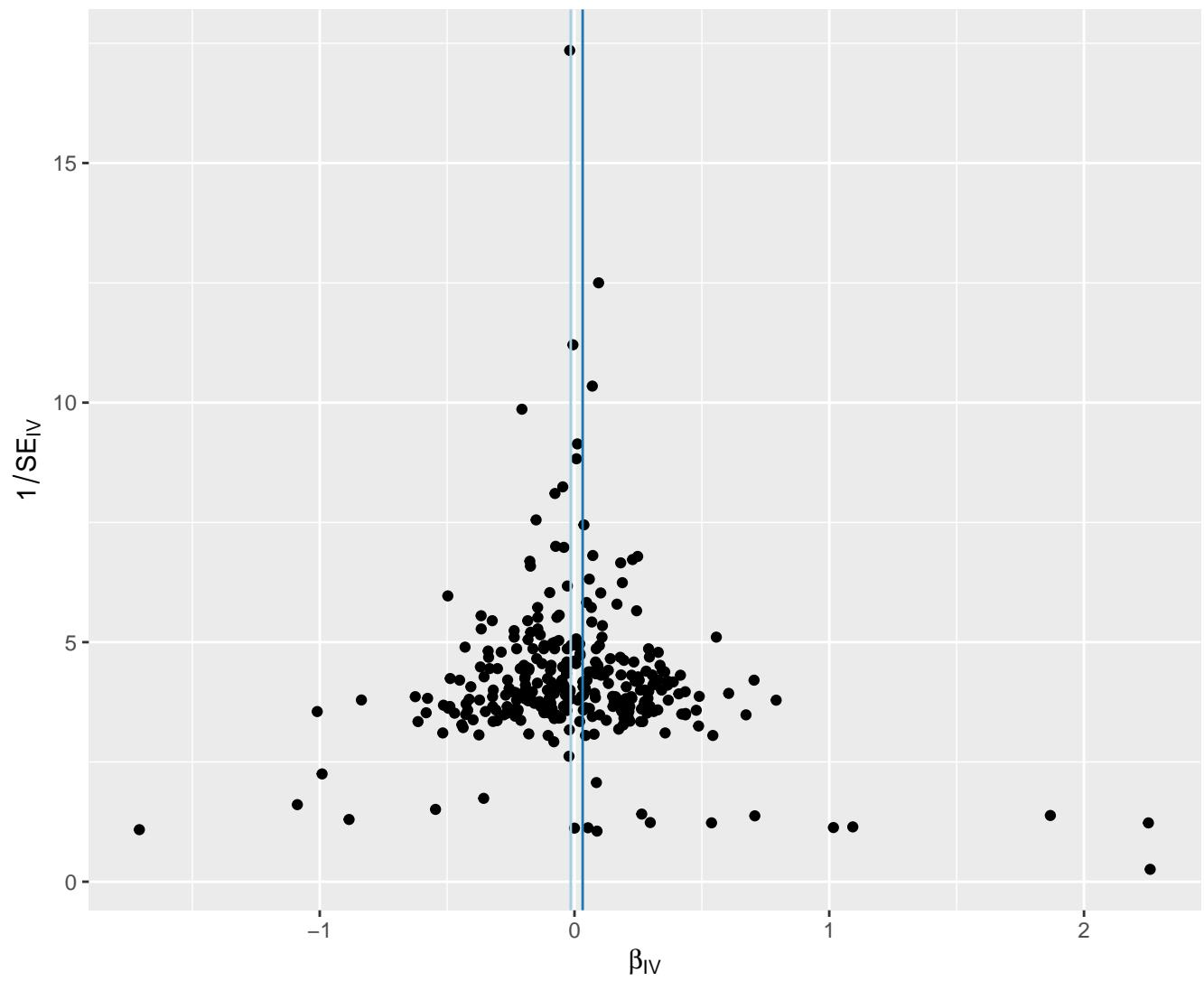
- Inverse variance weighted
- MR Egger



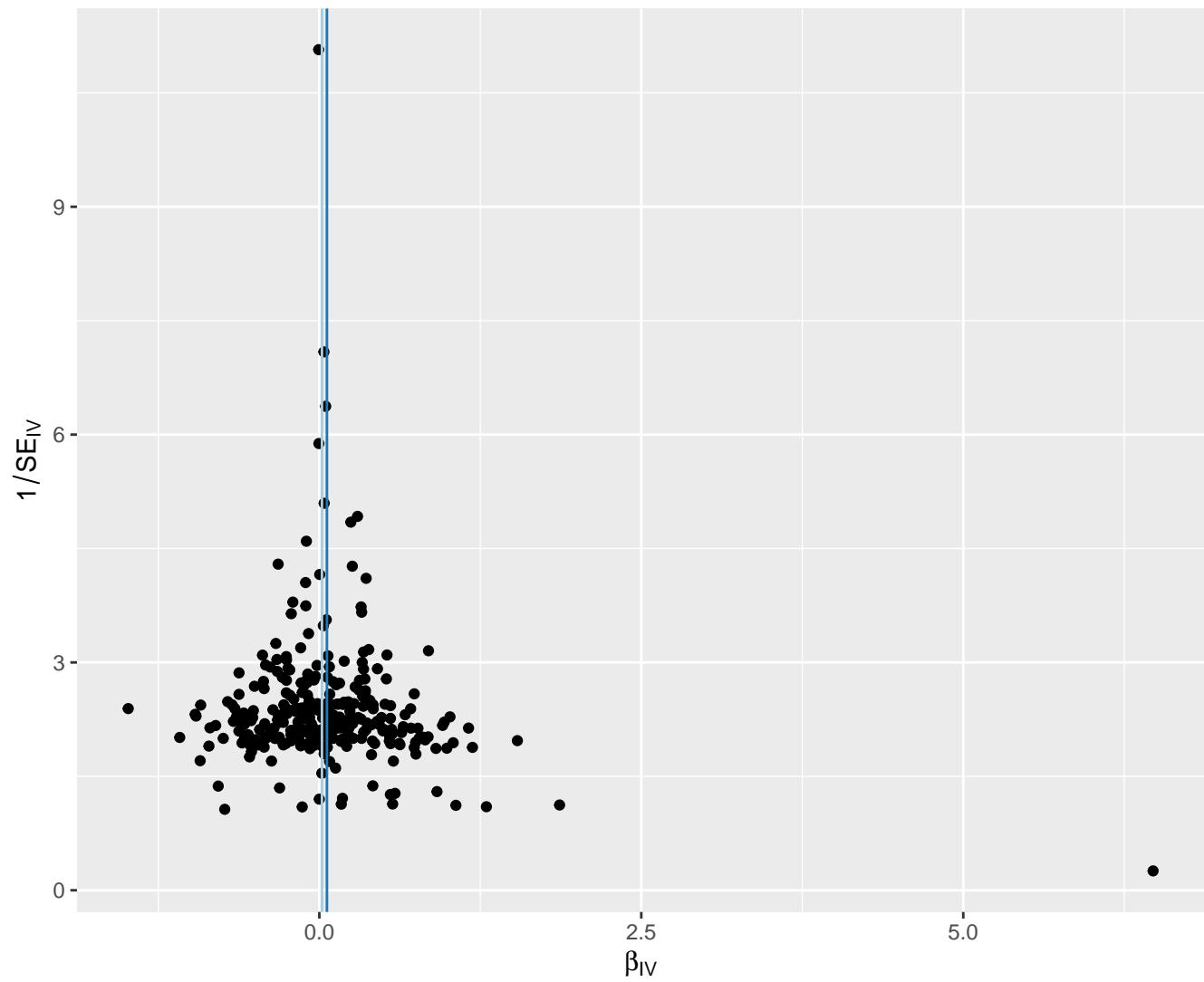
MR Method

Inverse variance weighted

MR Egger



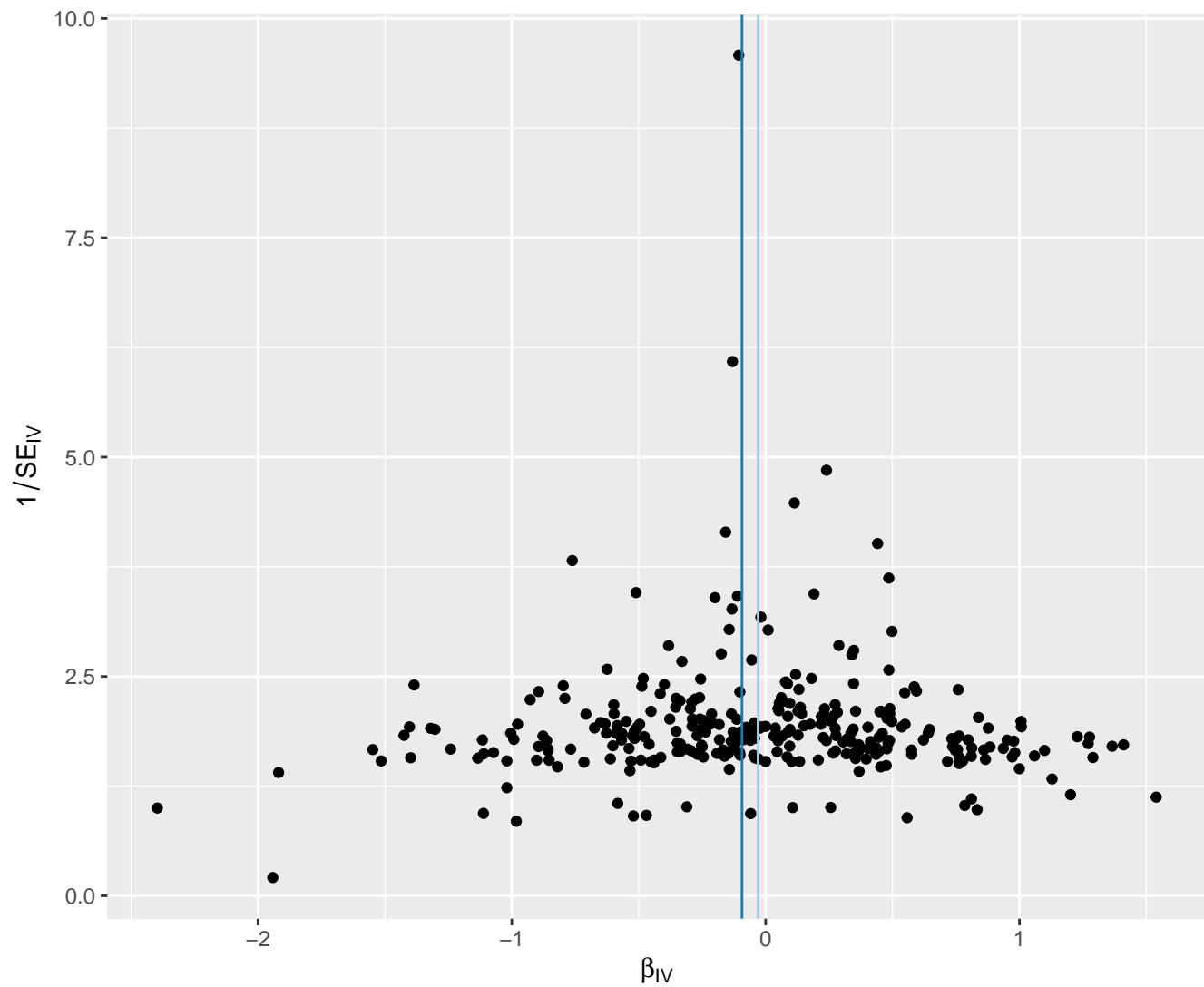
MR Method

 Inverse variance weighted MR Egger

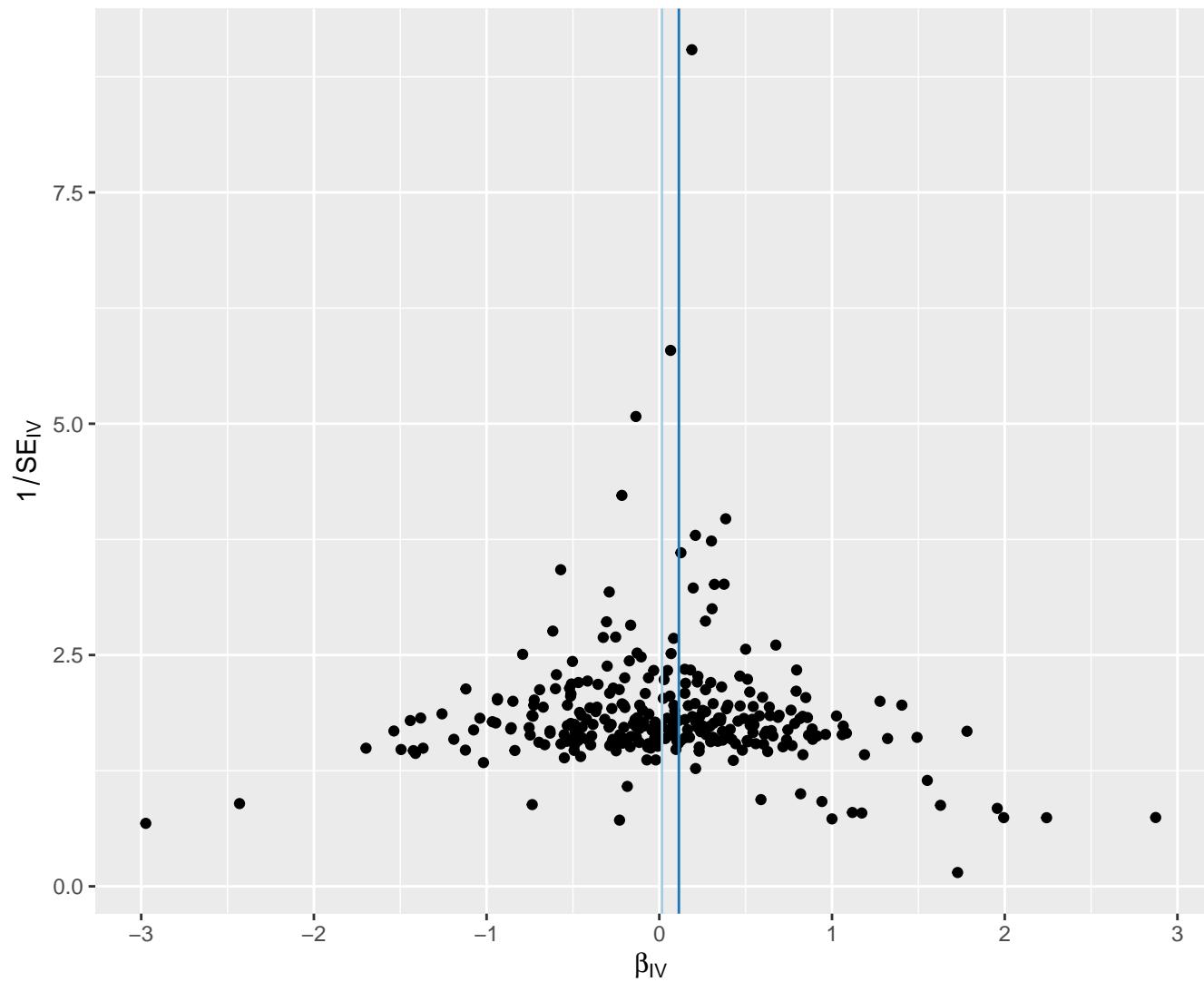
MR Method

 Inverse variance weighted

MR Egger



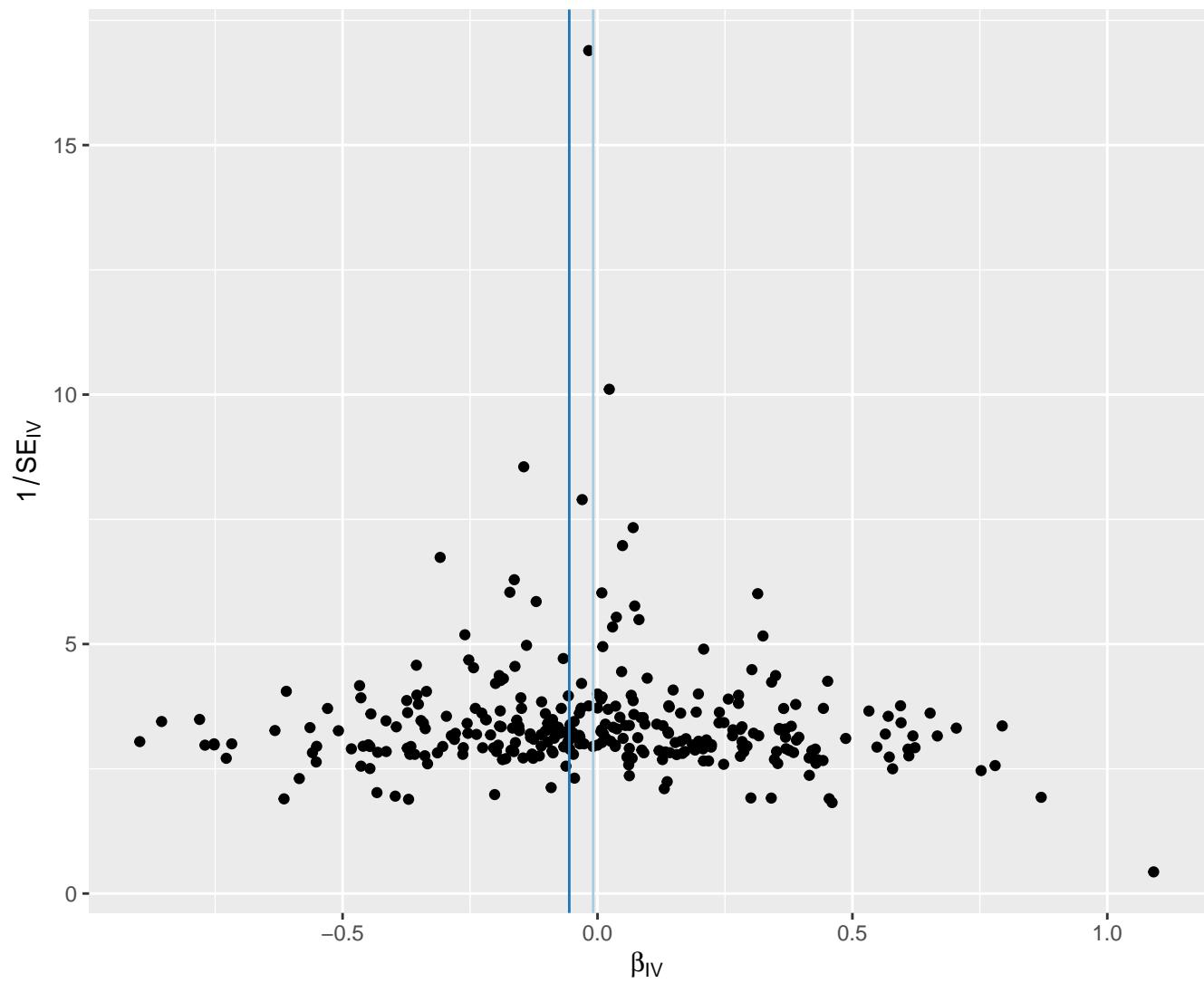
MR Method

 Inverse variance weighted MR Egger

MR Method

Inverse variance weighted

MR Egger

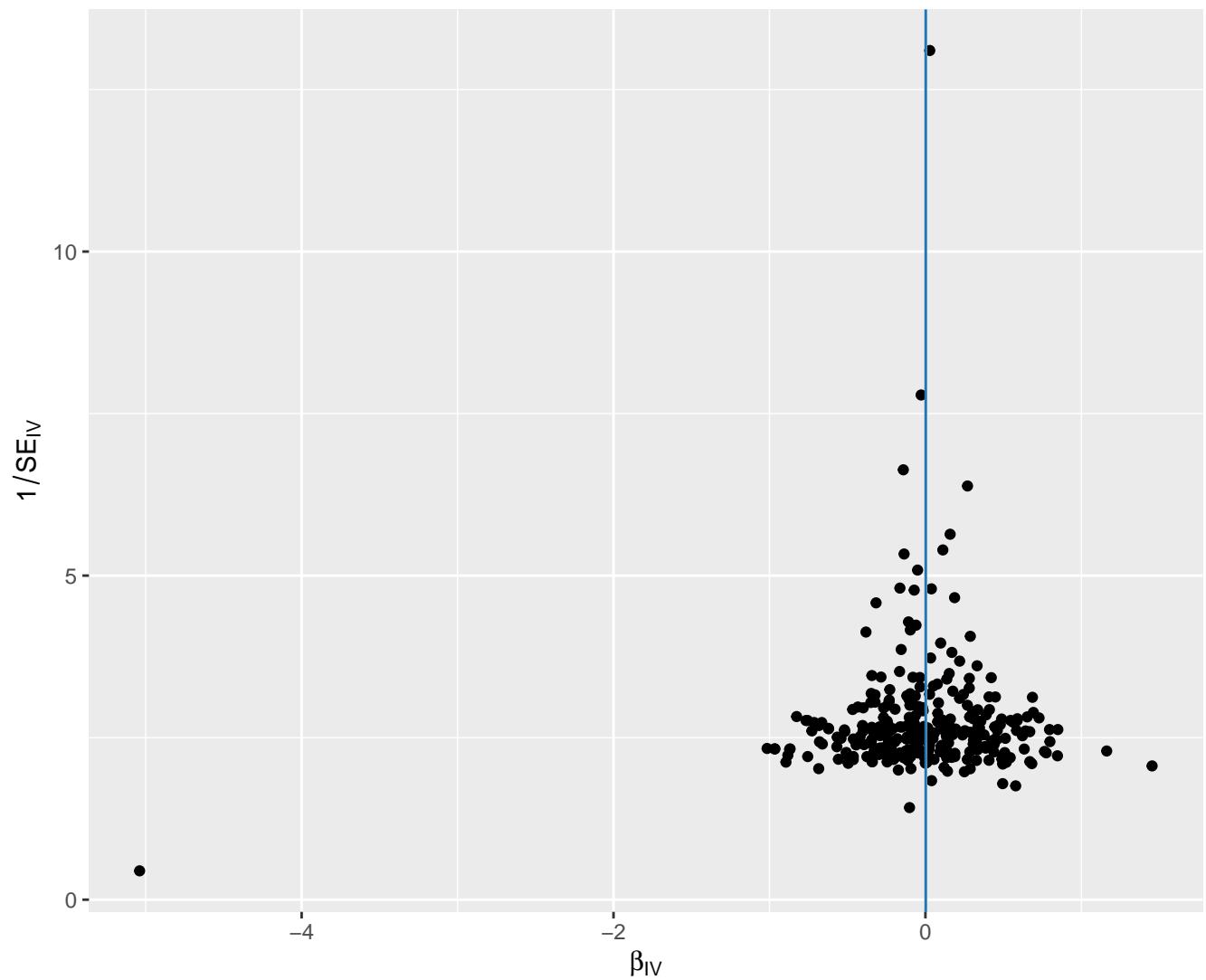


X-14977--vanillin

MR Method

Inverse variance weighted

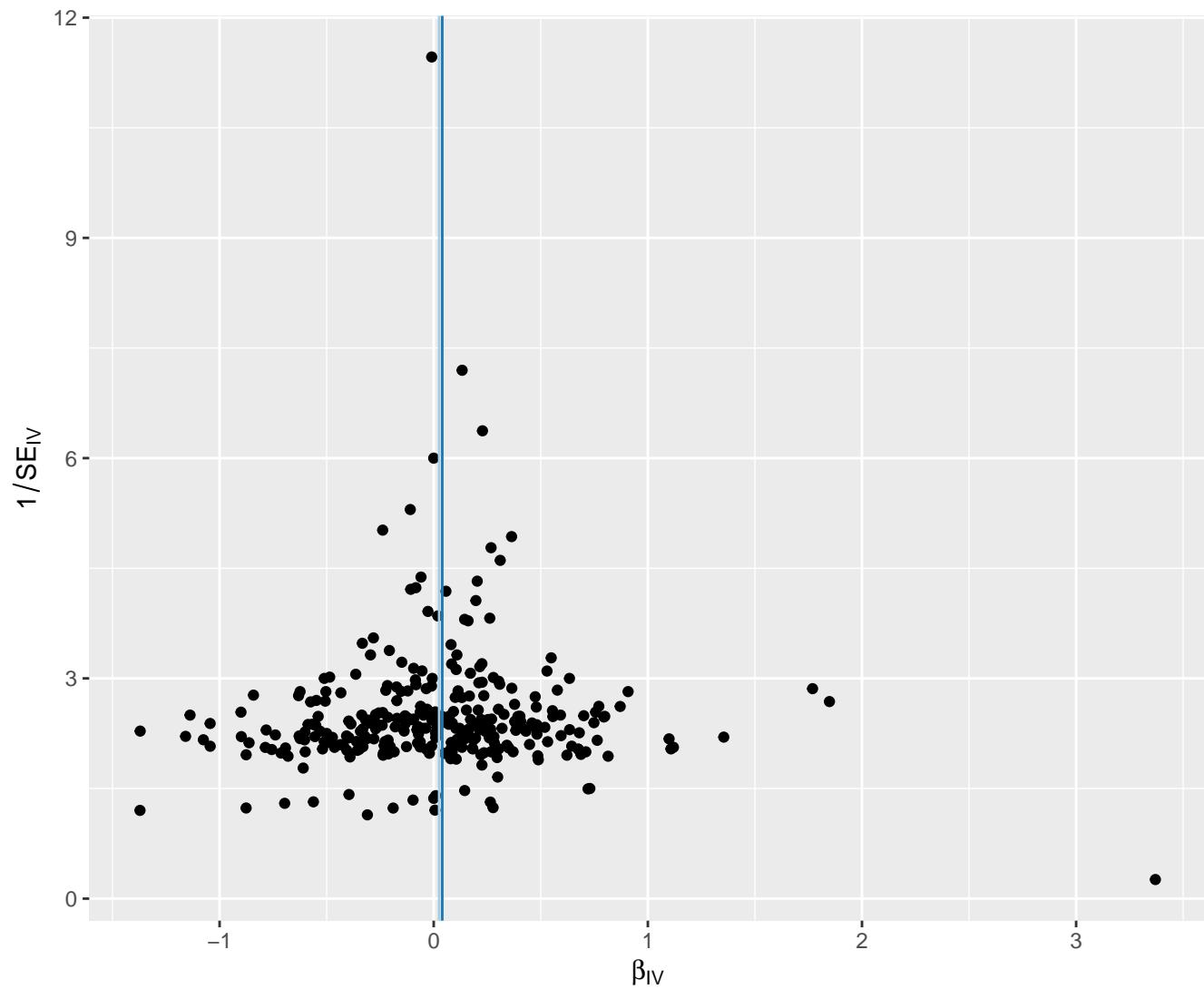
MR Egger



MR Method



Inverse variance weighted
MR Egger



Xanthine

MR Method

Inverse variance weighted

MR Egger

