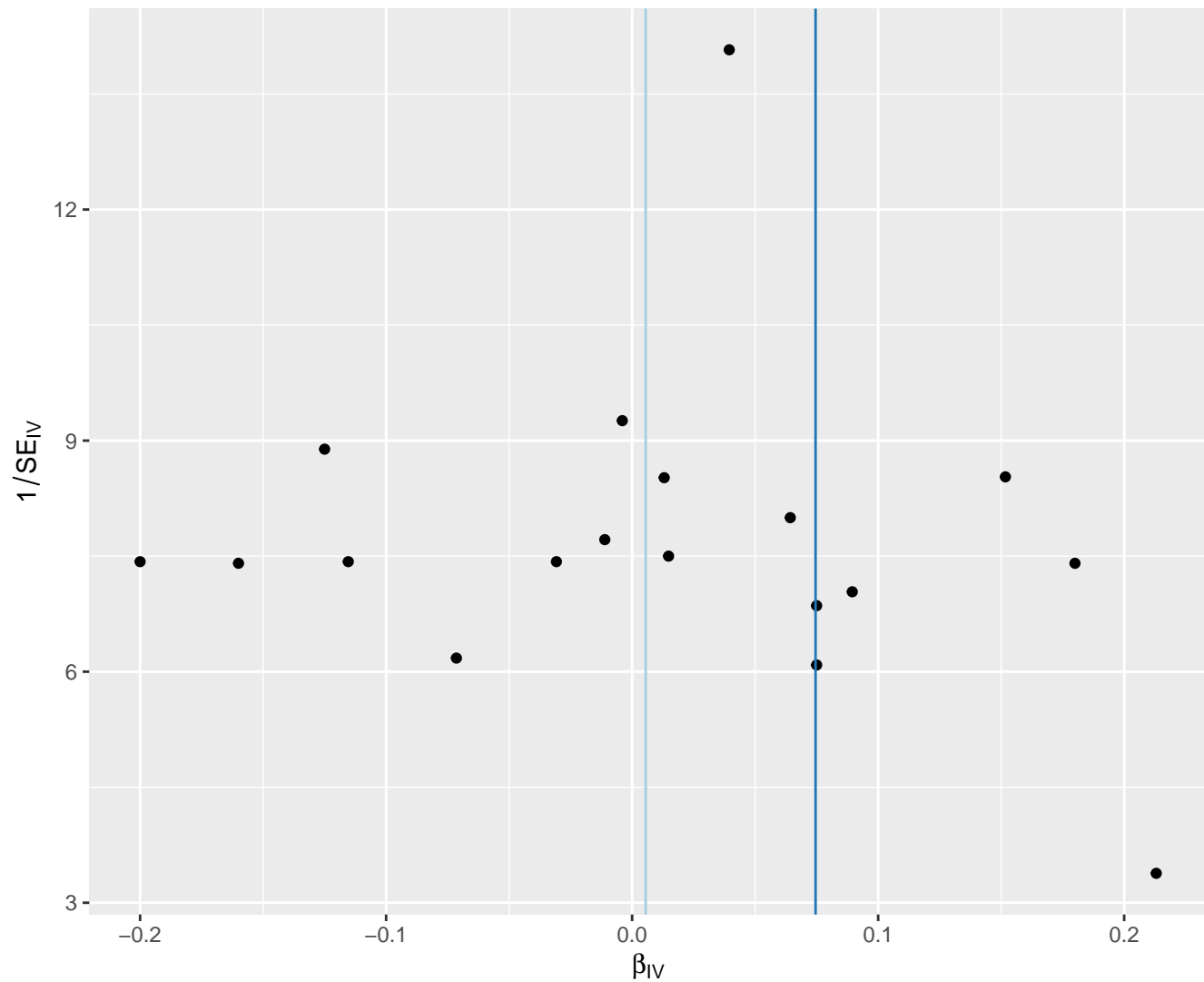
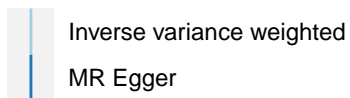
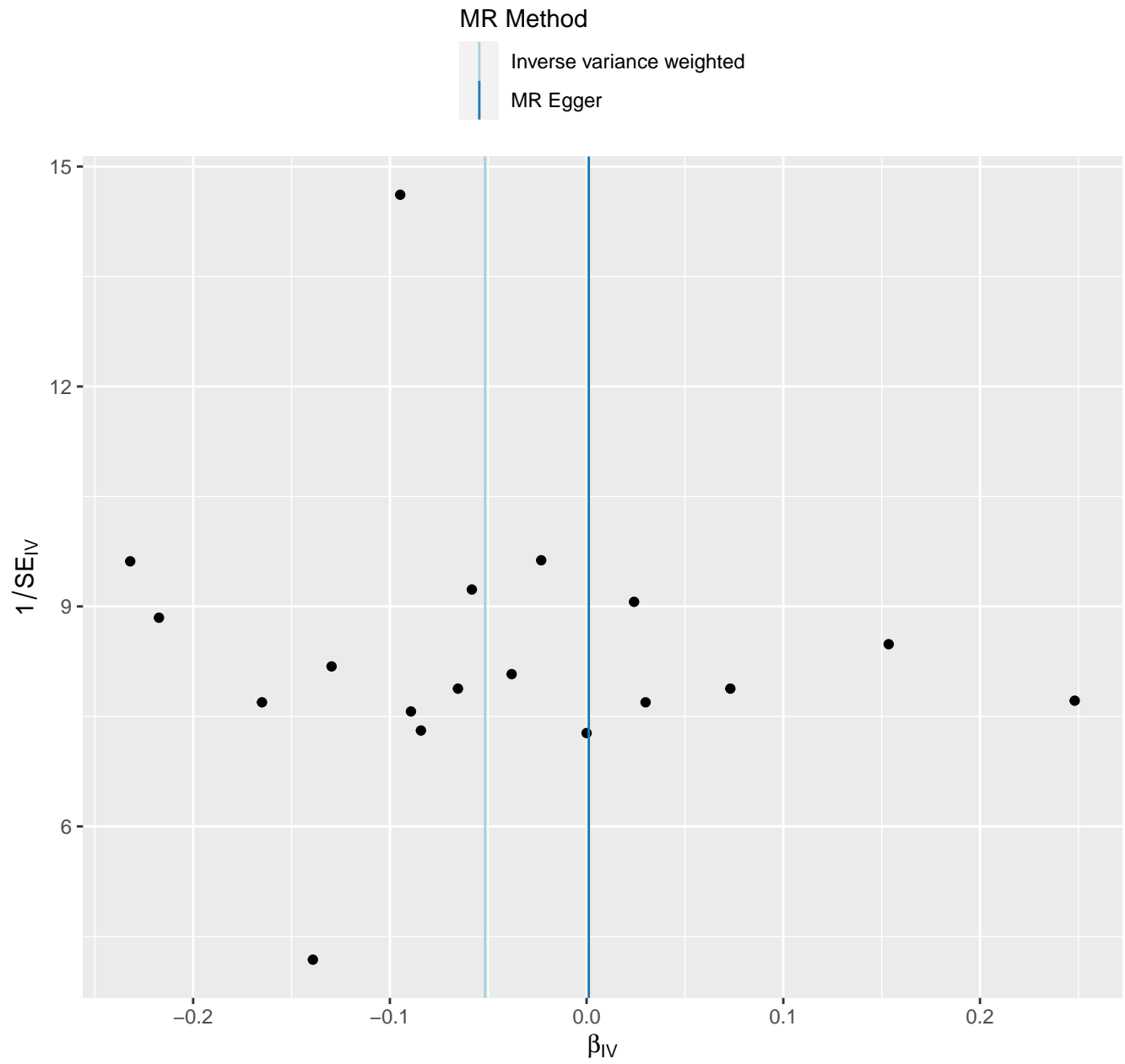


# 1-arachidonoylglycerophosphocholine\*

MR Method

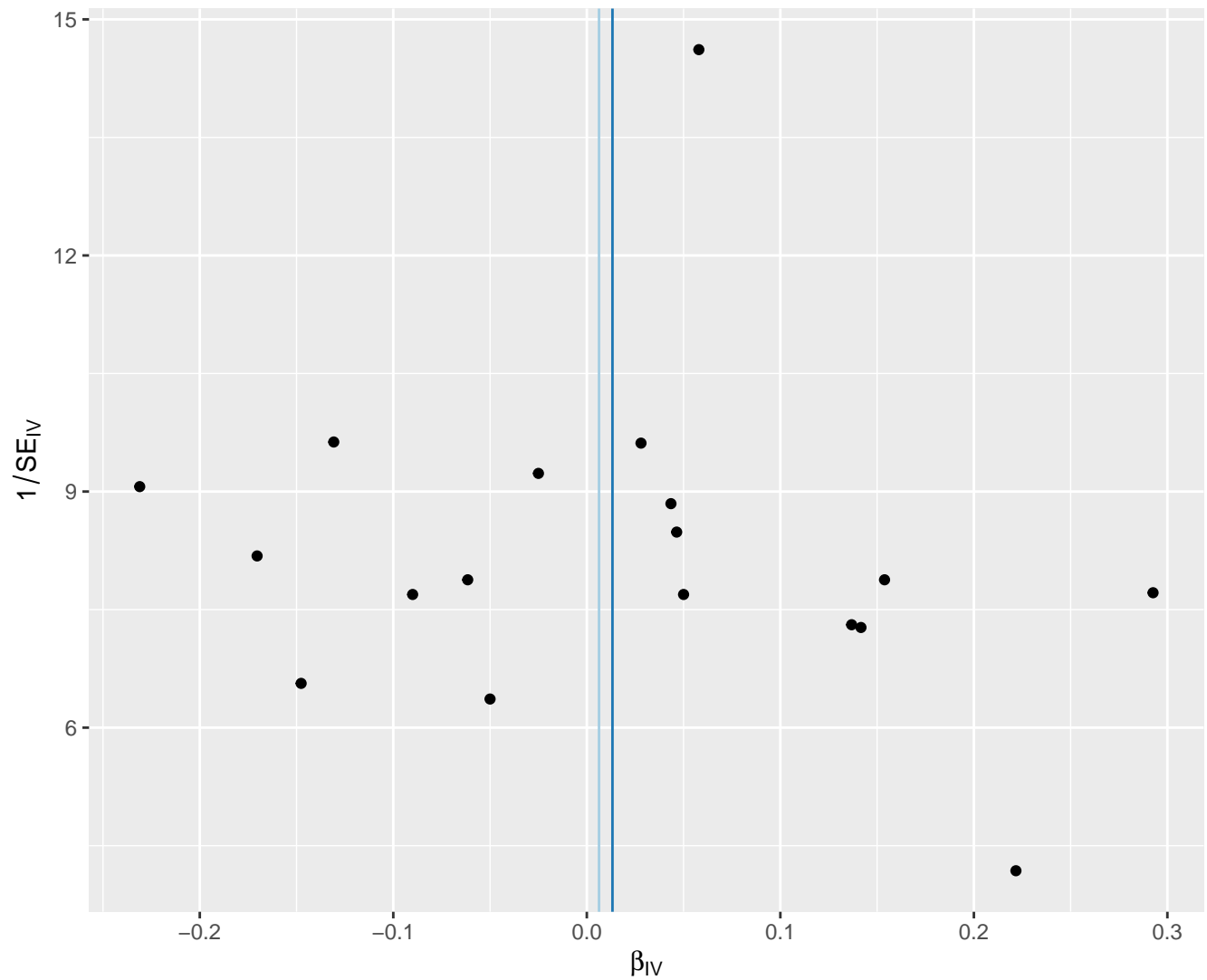
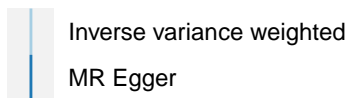


# 1-arachidonoylglycerophosphoethanolamine\*



# 1-arachidonoylglycerophosphoinositol\*

MR Method



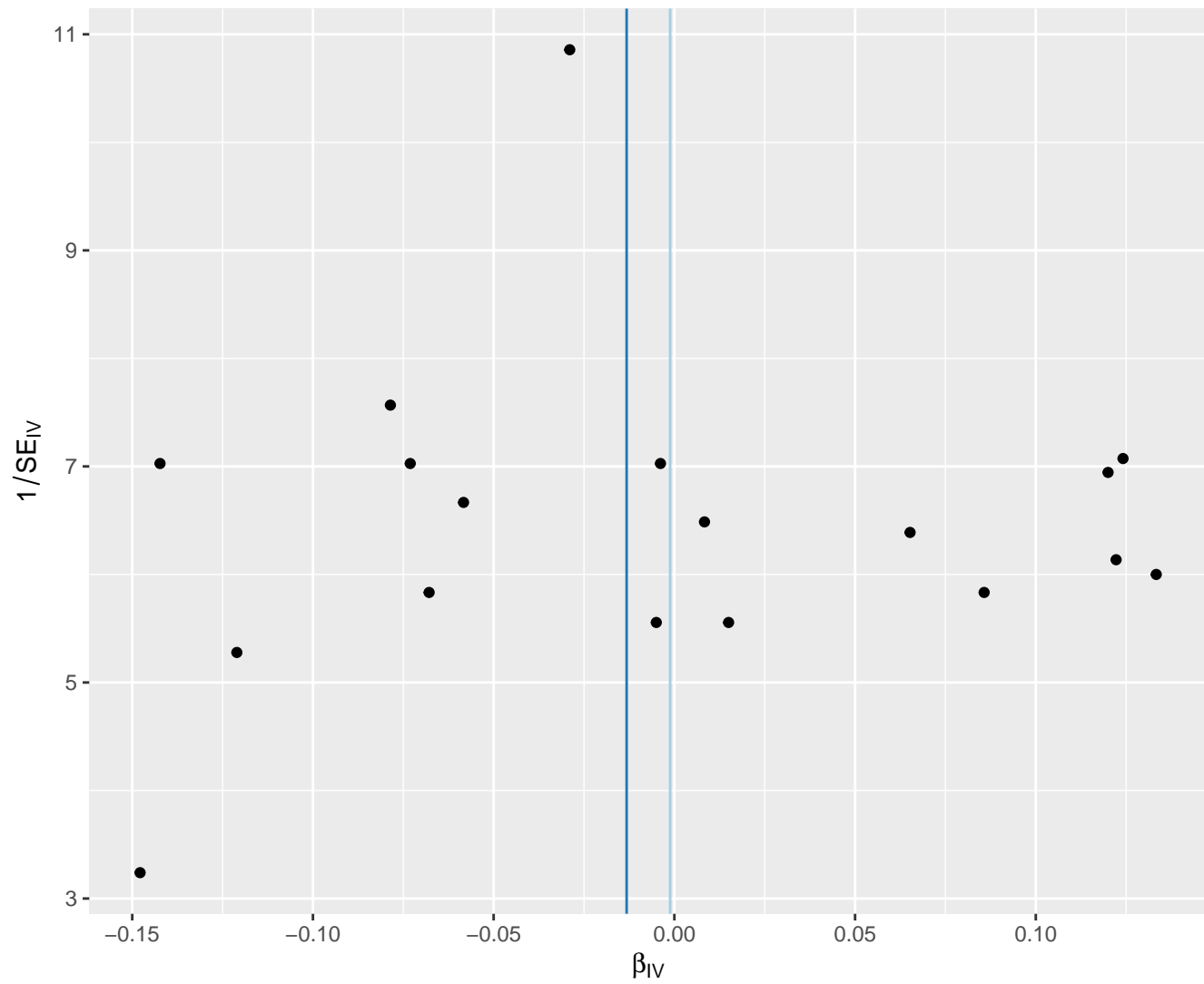
# 1-docosahexaenoylglycerophosphocholine\*

MR Method



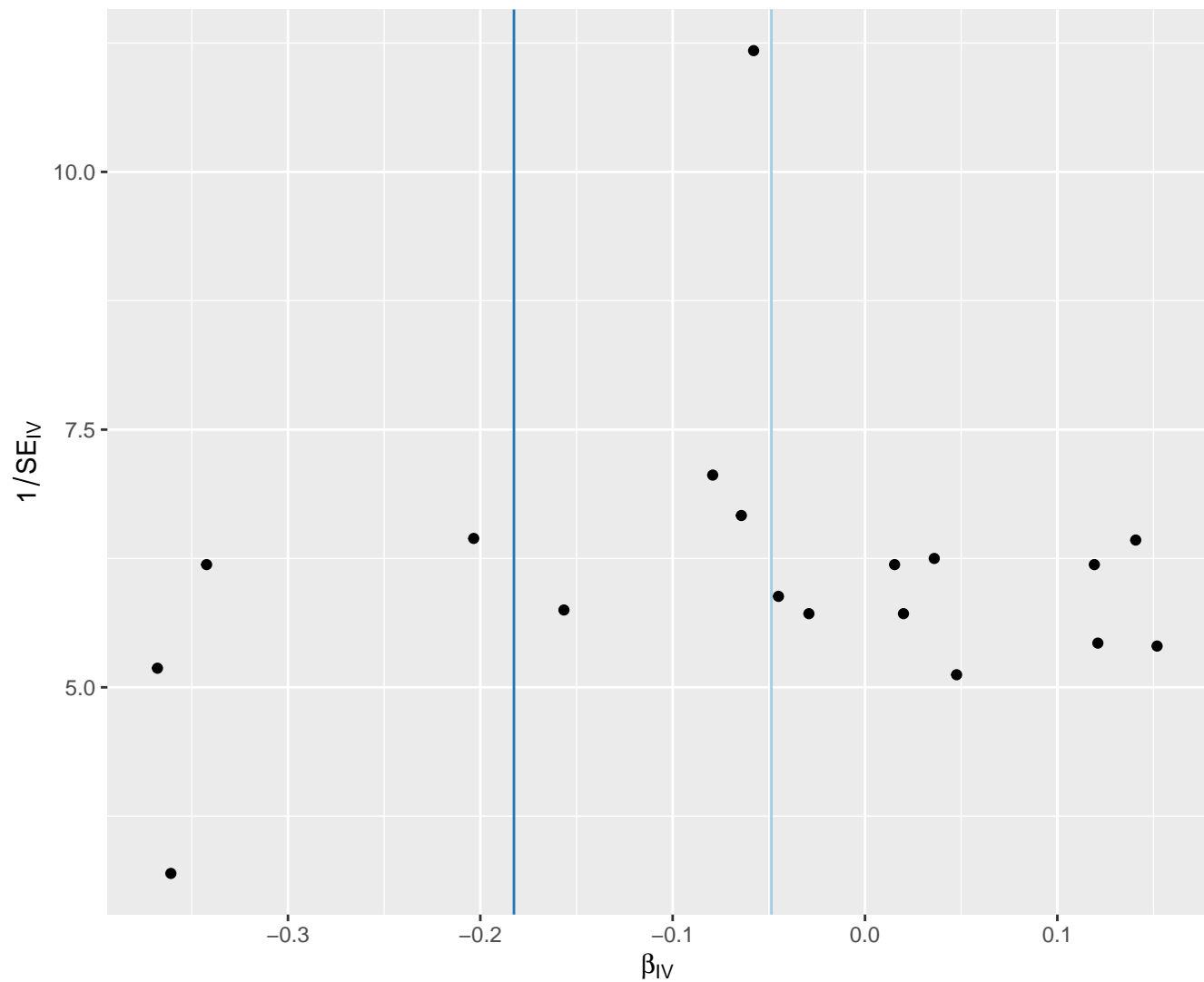
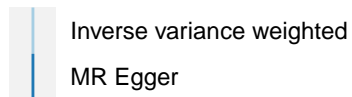
Inverse variance weighted

MR Egger



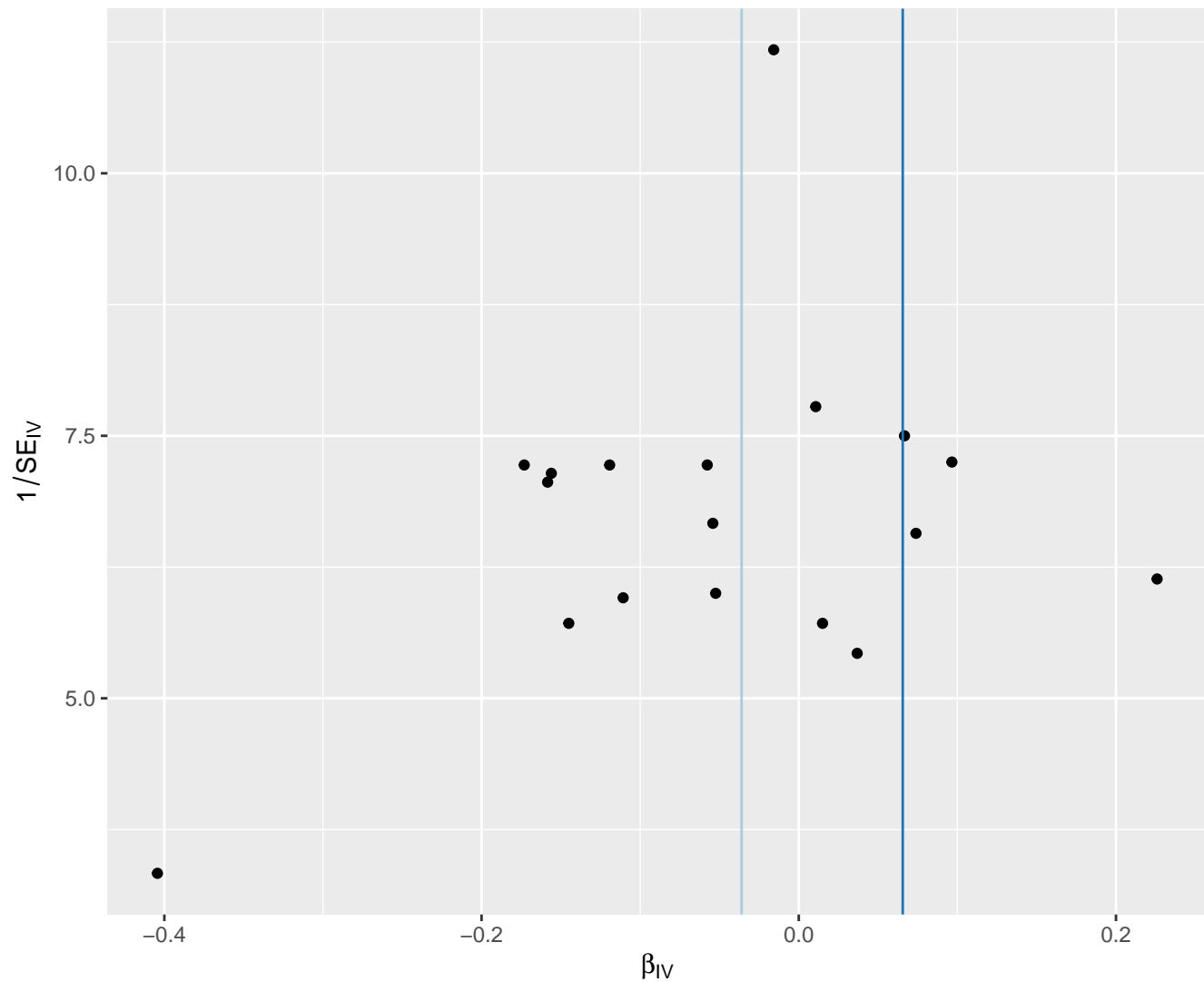
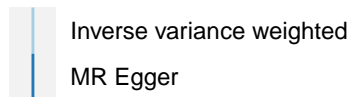
# 1-eicosadienoylglycerophosphocholine\*

MR Method



# 1-eicosatrienoylglycerophosphocholine\*

MR Method



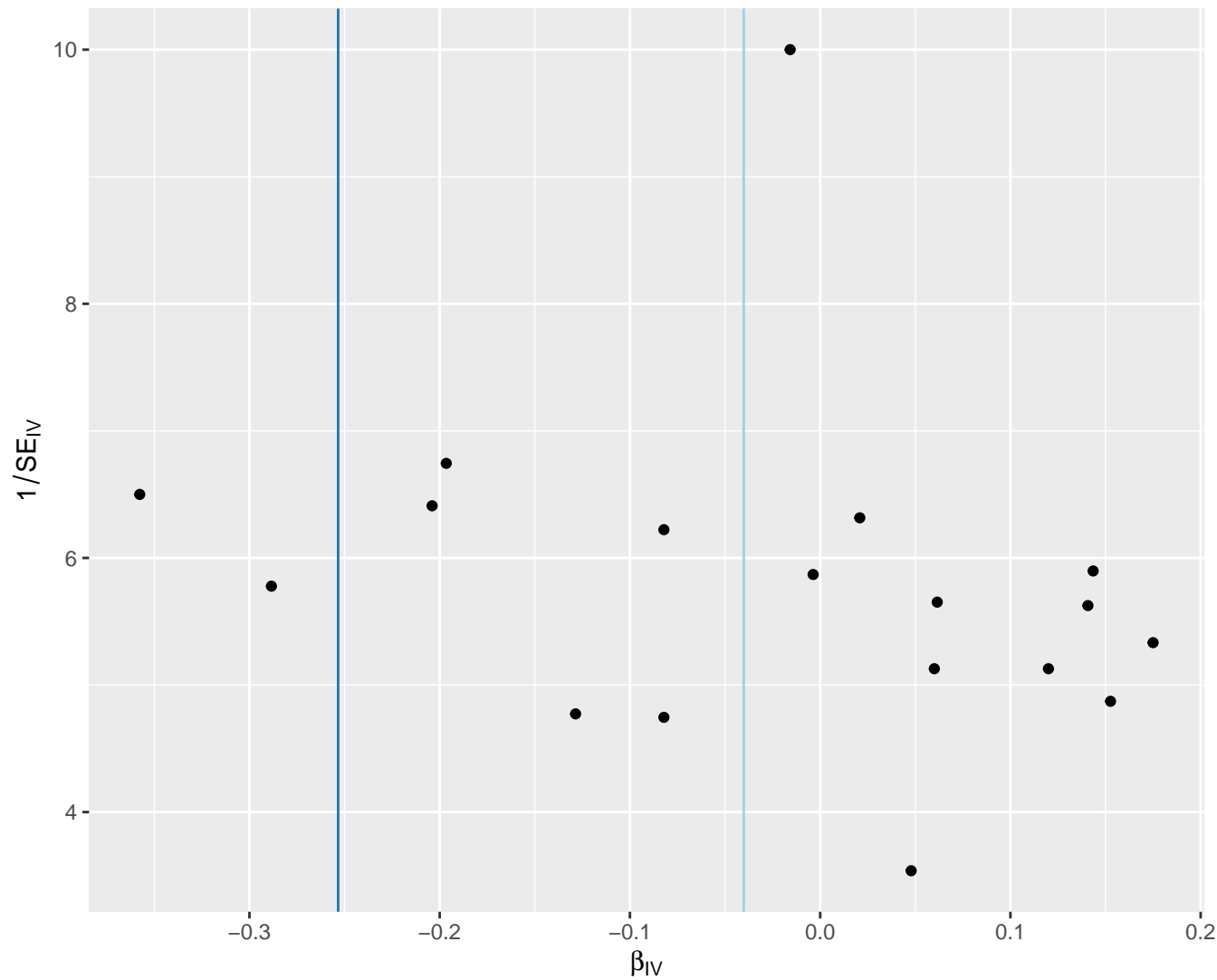
# 1-heptadecanoylglycerophosphocholine

MR Method



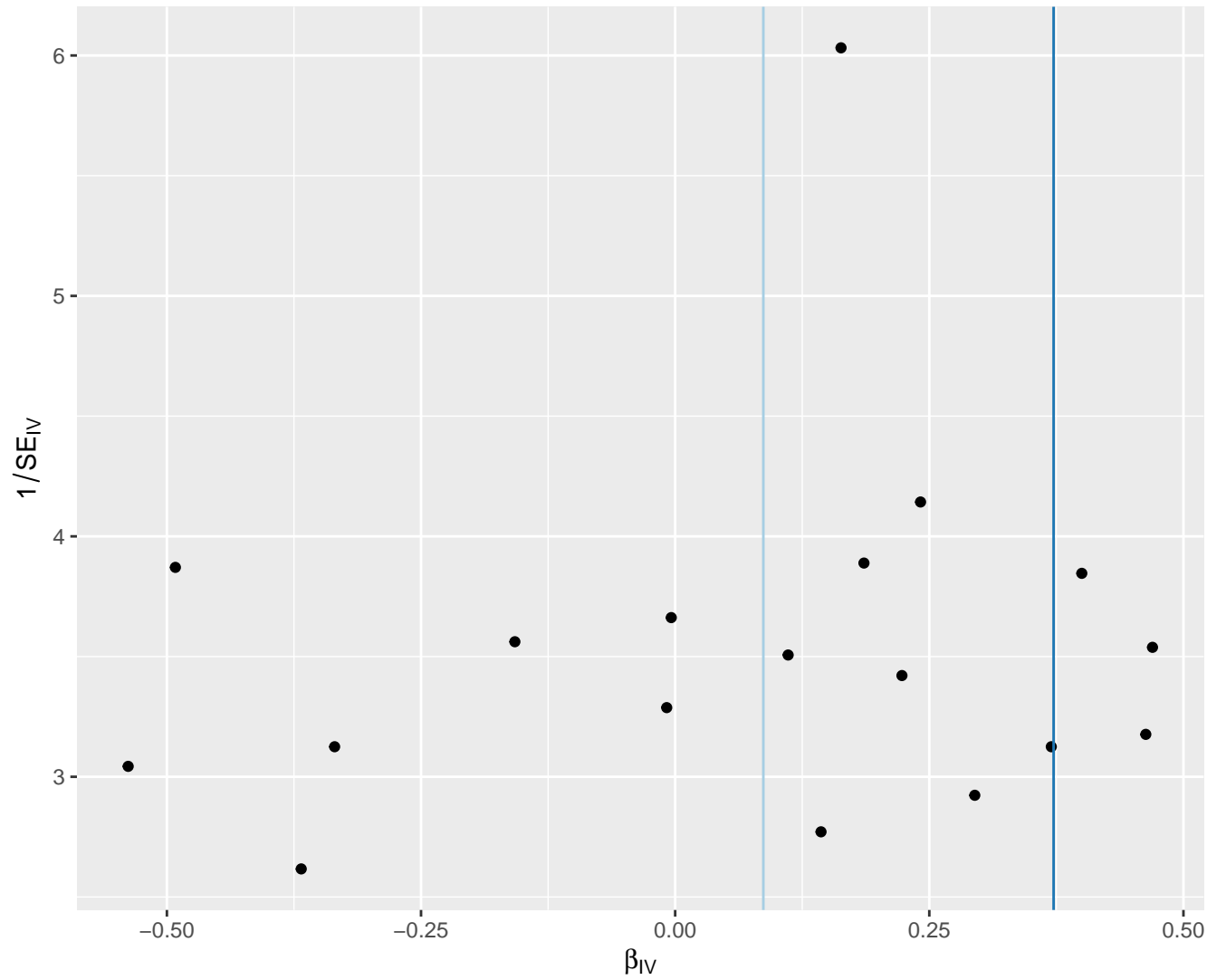
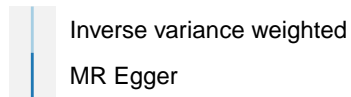
Inverse variance weighted

MR Egger



# 1-linoleoylglycerol (1-monolinolein)

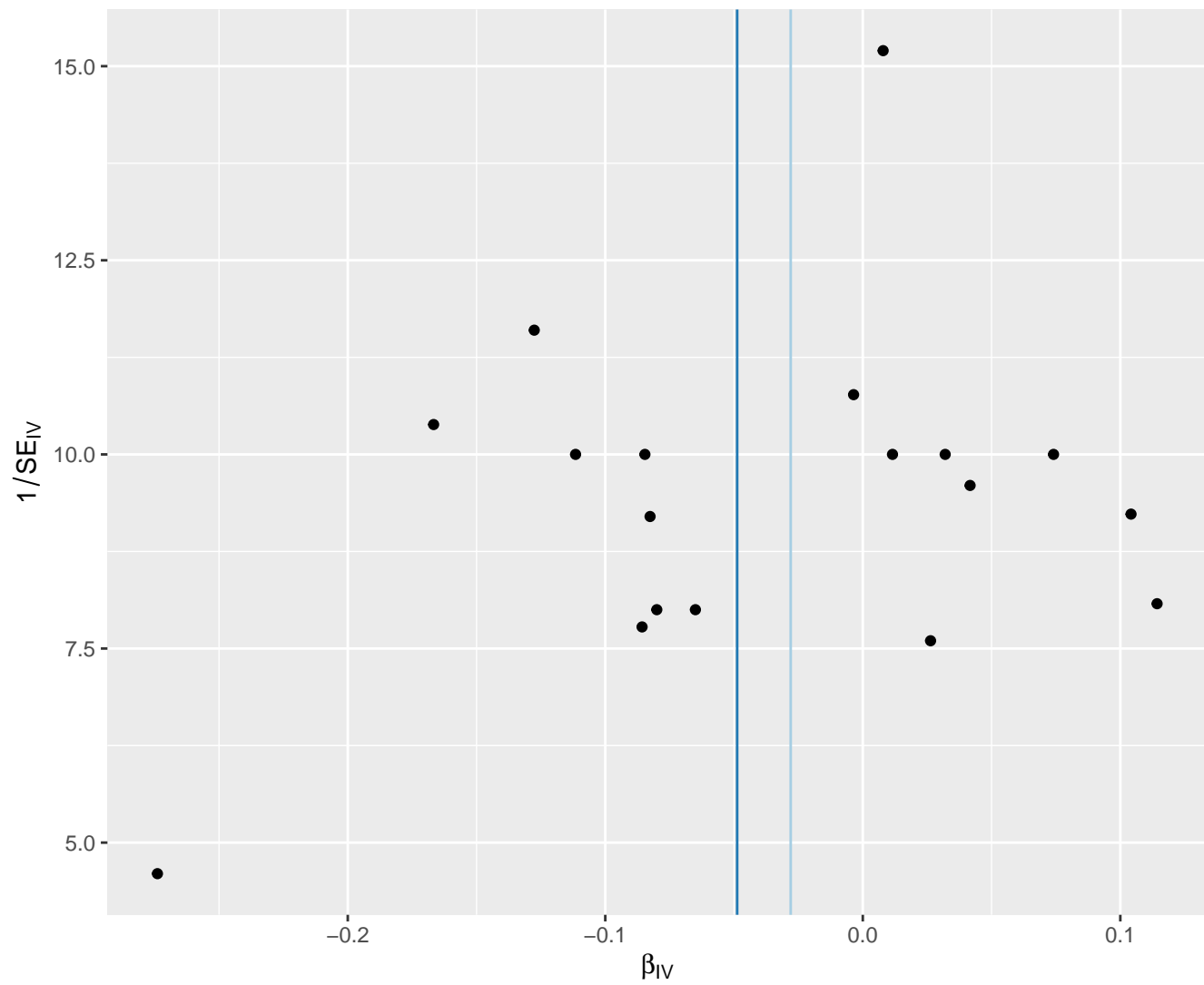
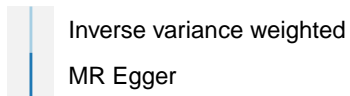
MR Method





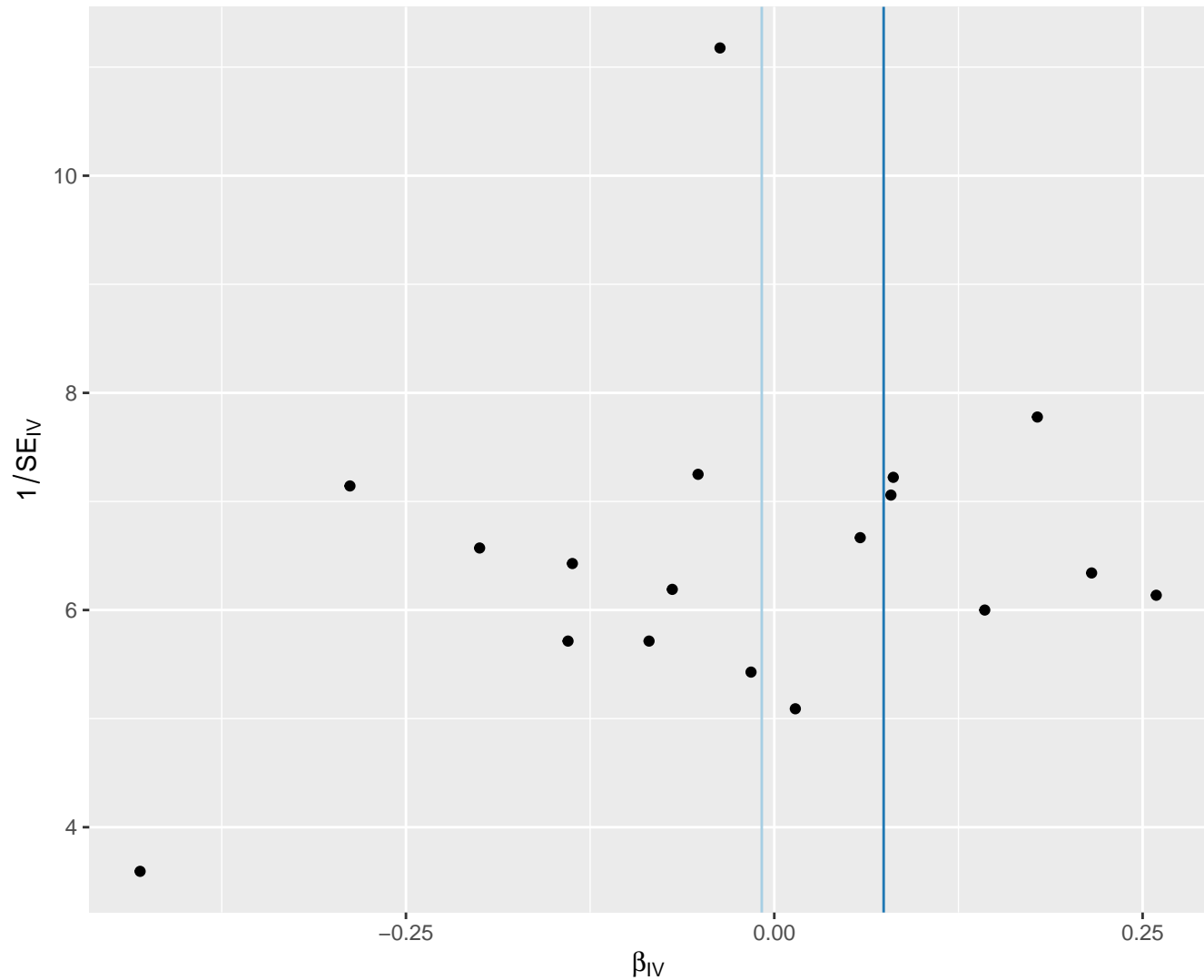
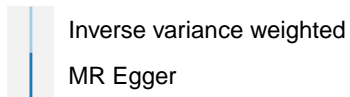
# 1-linoleoylglycerophosphocholine

MR Method



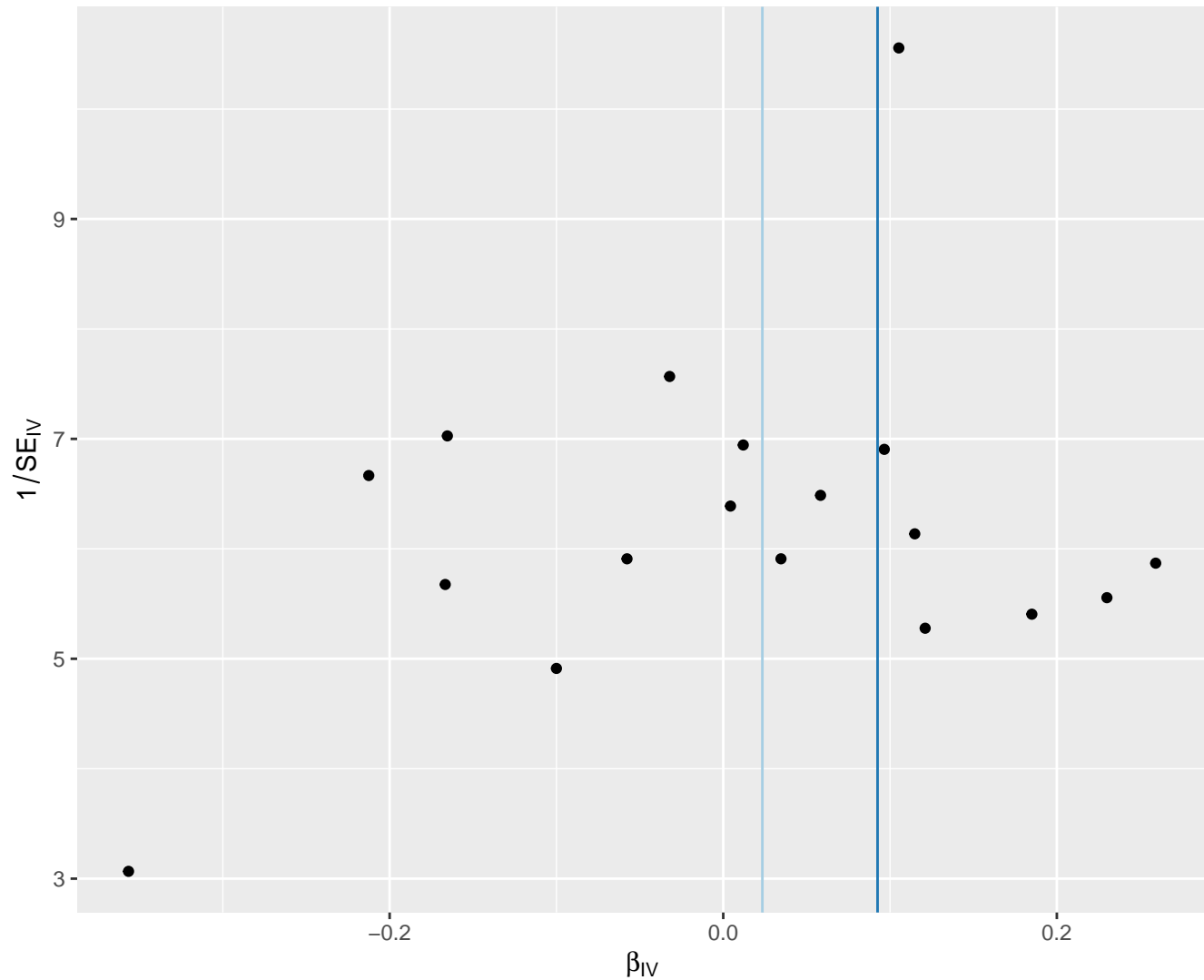
# 1-linoleoylglycerophosphoethanolamine\*

MR Method



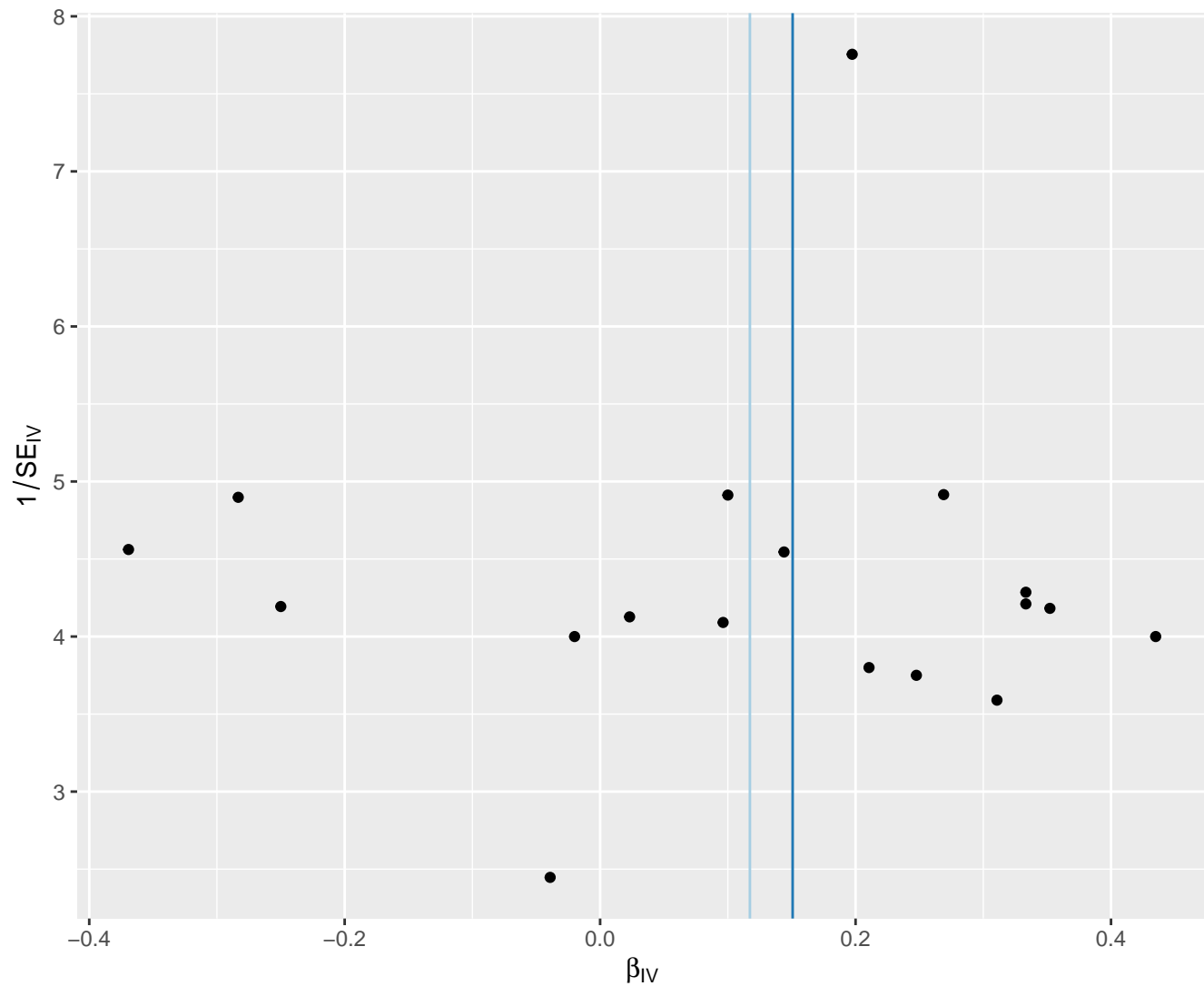
# 1-myristoylglycerophosphocholine

MR Method



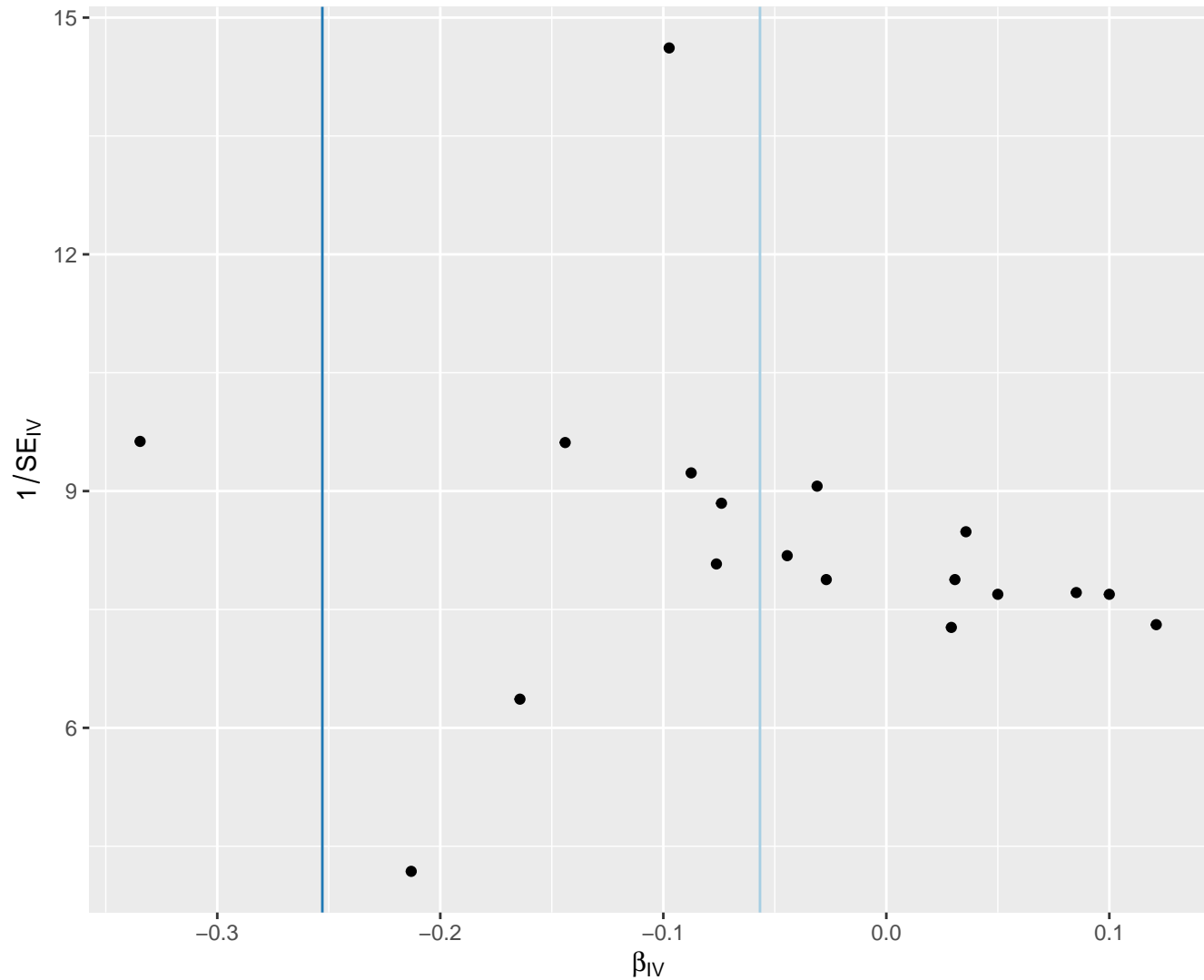
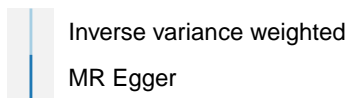
# 1-oleoylglycerol (1-monoolein)

MR Method



# 1-oleoylglycerophosphocholine

MR Method



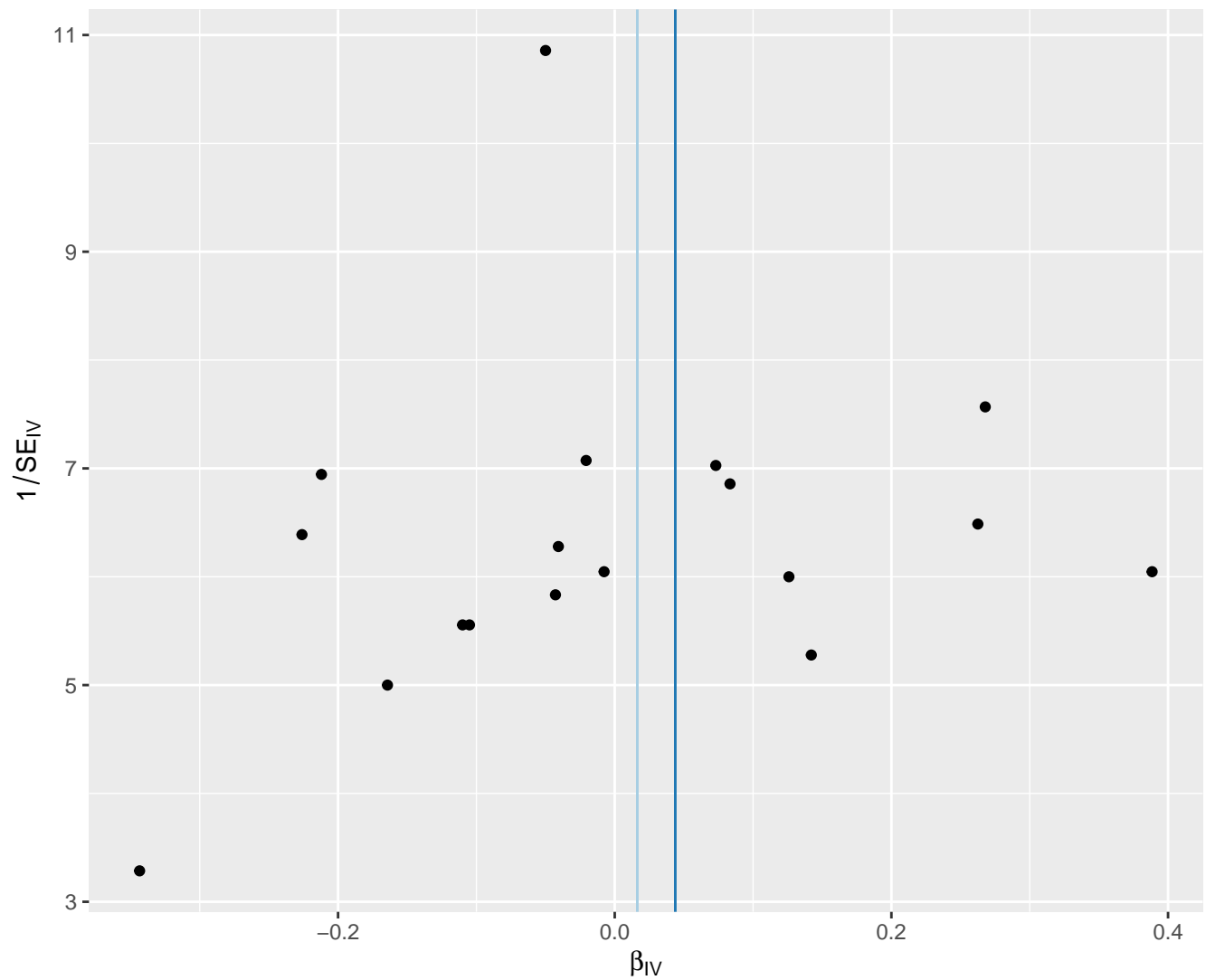
# 1-oleoylglycerophosphoethanolamine

MR Method



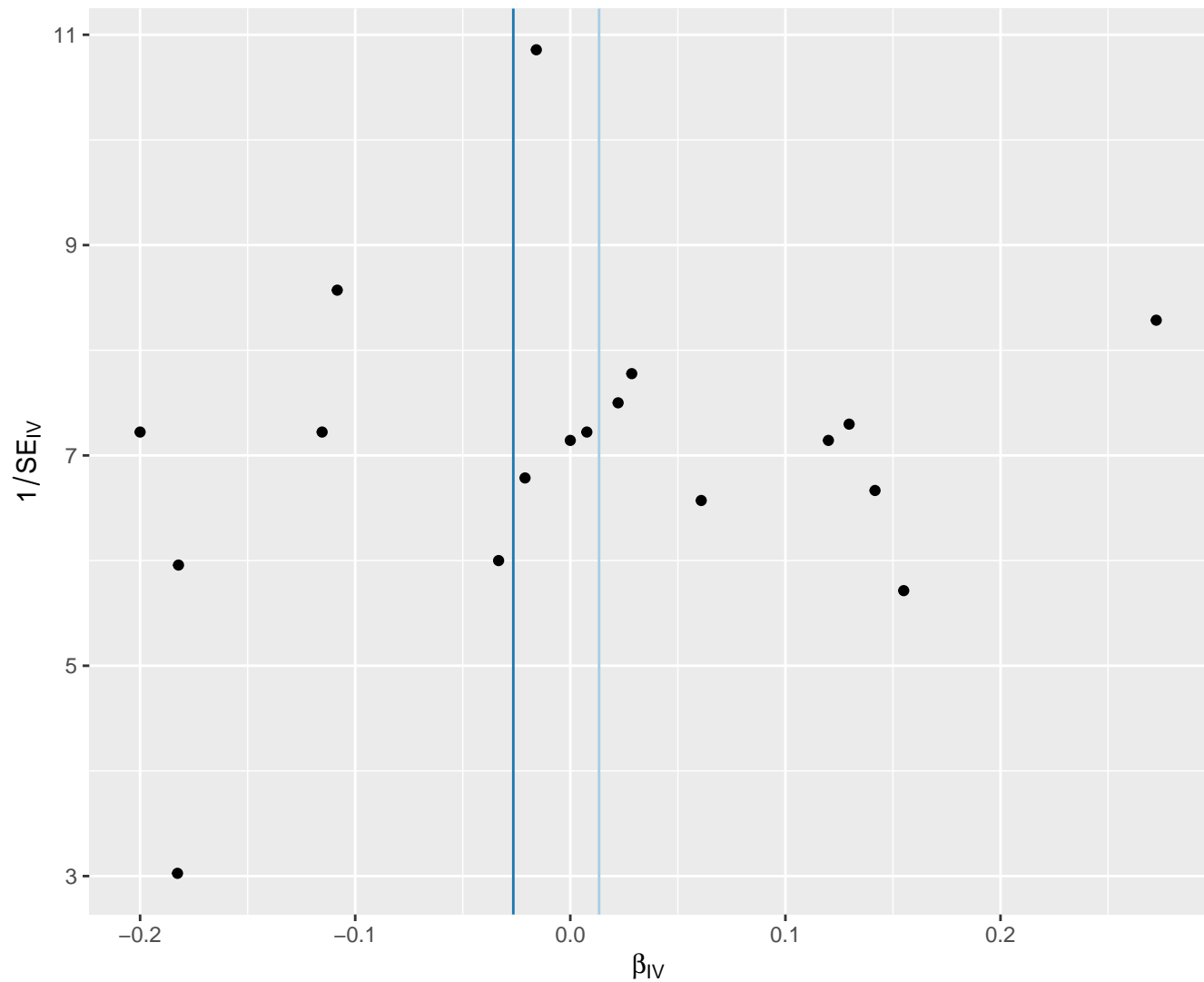
Inverse variance weighted

MR Egger



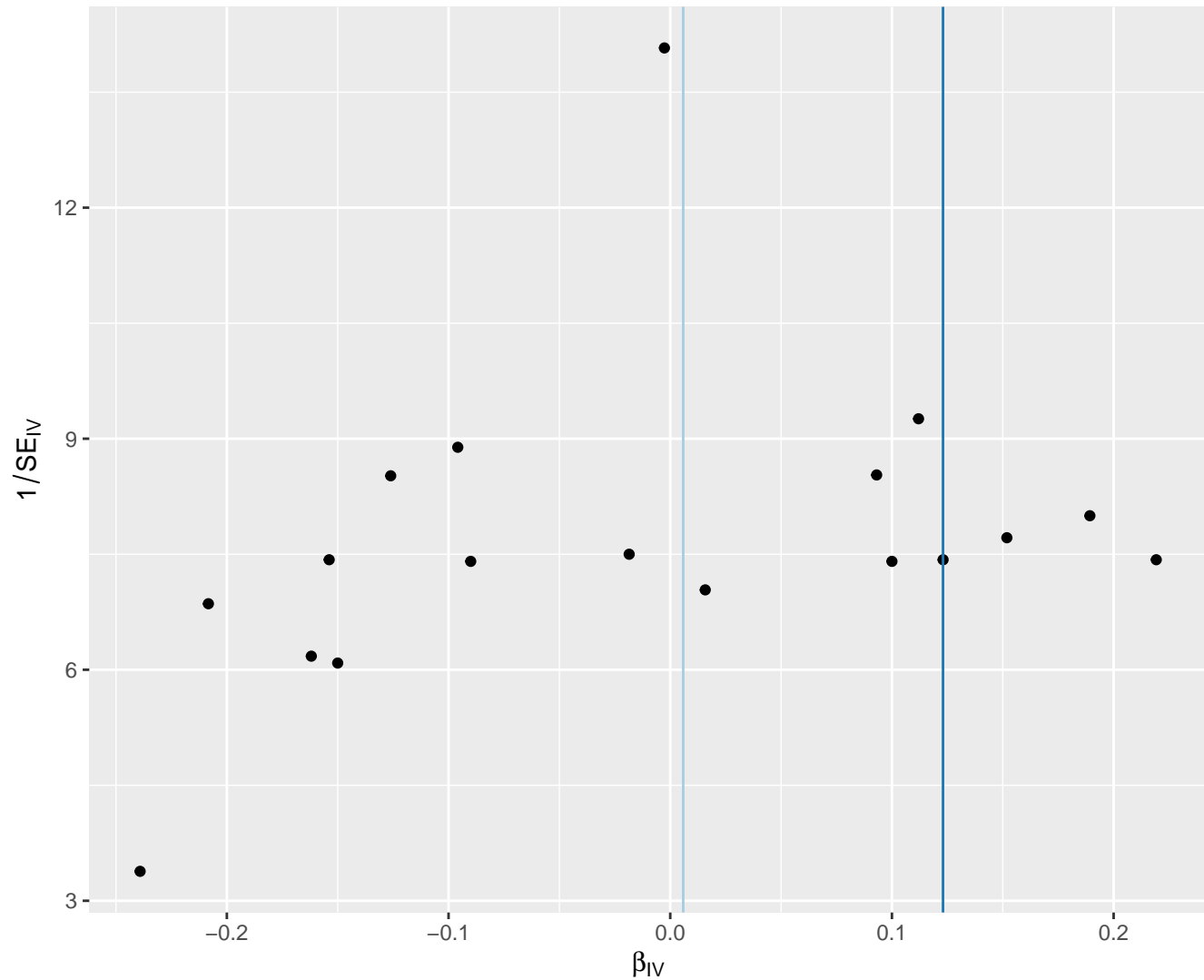
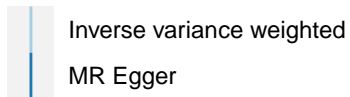
# 1-palmitoleoylglycerophosphocholine\*

MR Method



# 1-palmitoylglycerol (1-monopalmitin)

MR Method





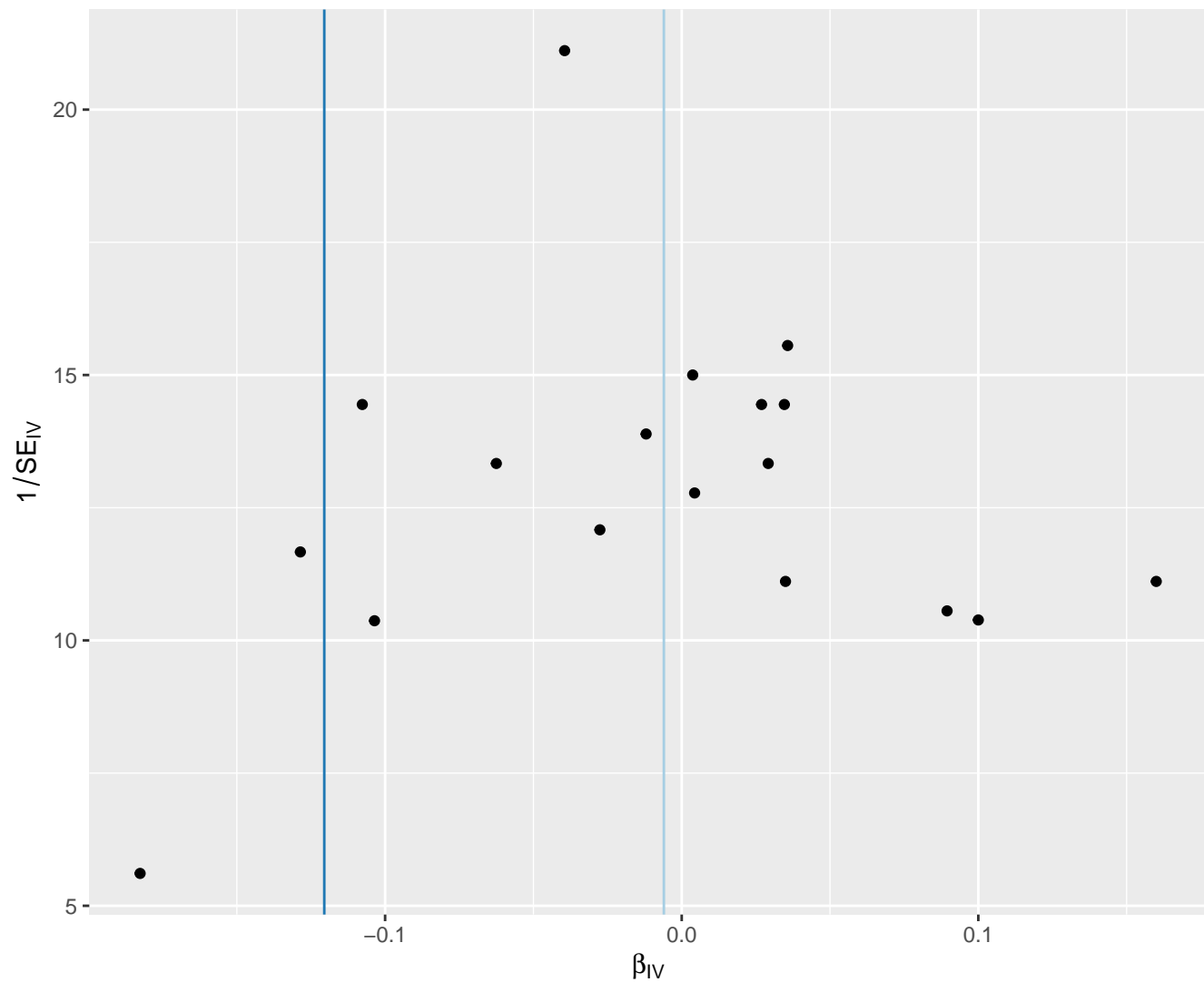
# 1-palmitoylglycerophosphocholine

MR Method

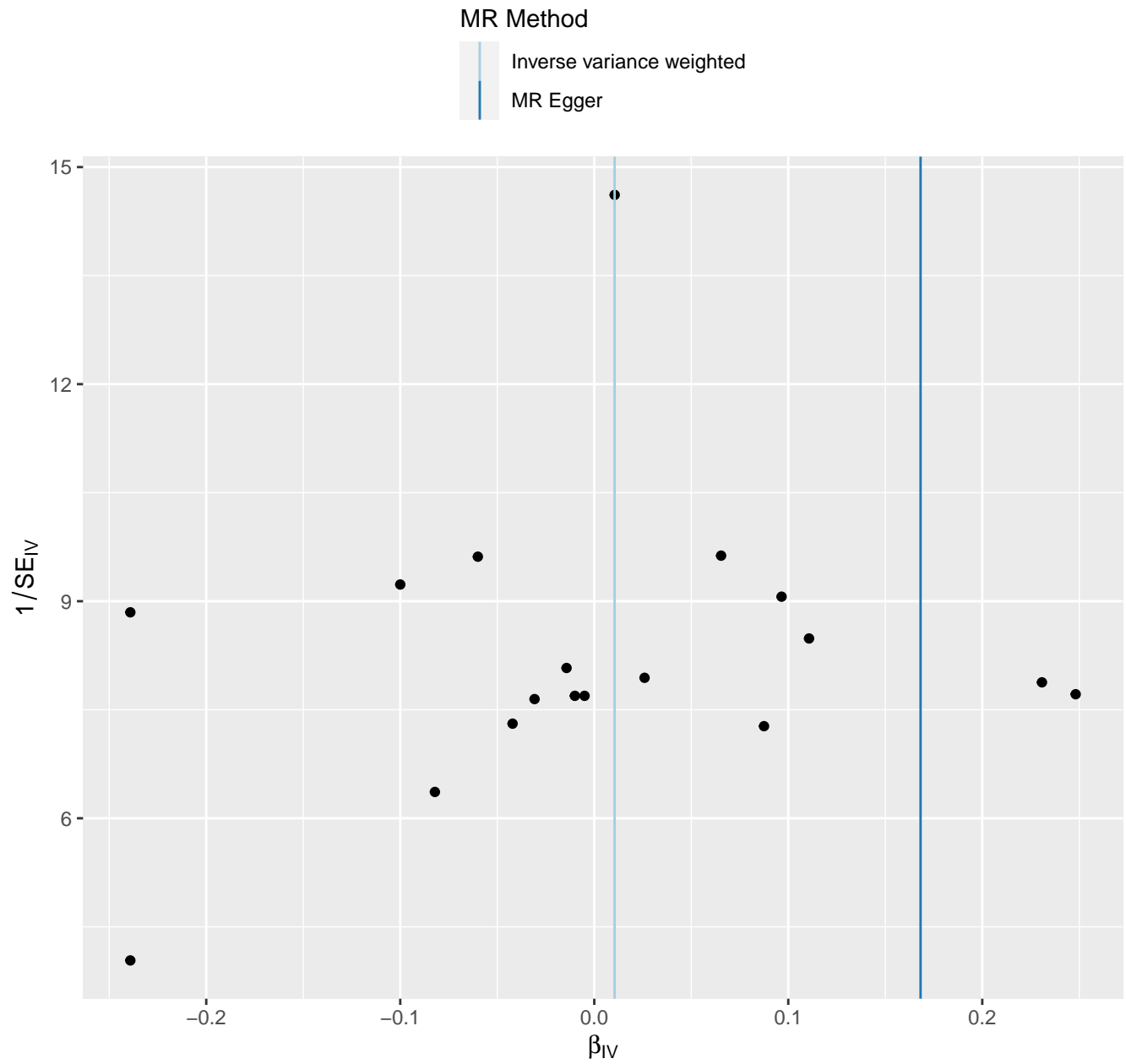


Inverse variance weighted

MR Egger

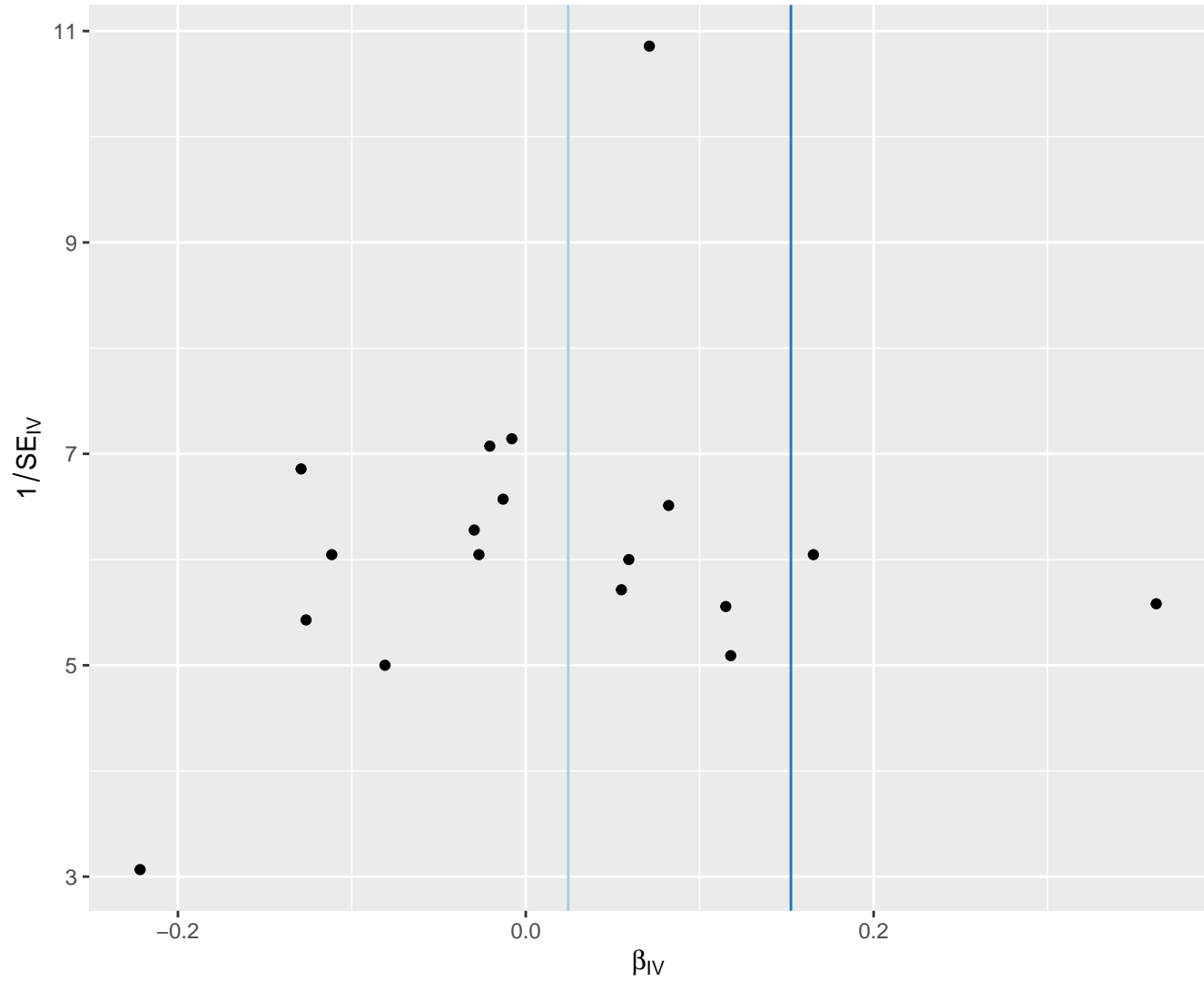


# 1-palmitoylglycerophosphoethanolamine

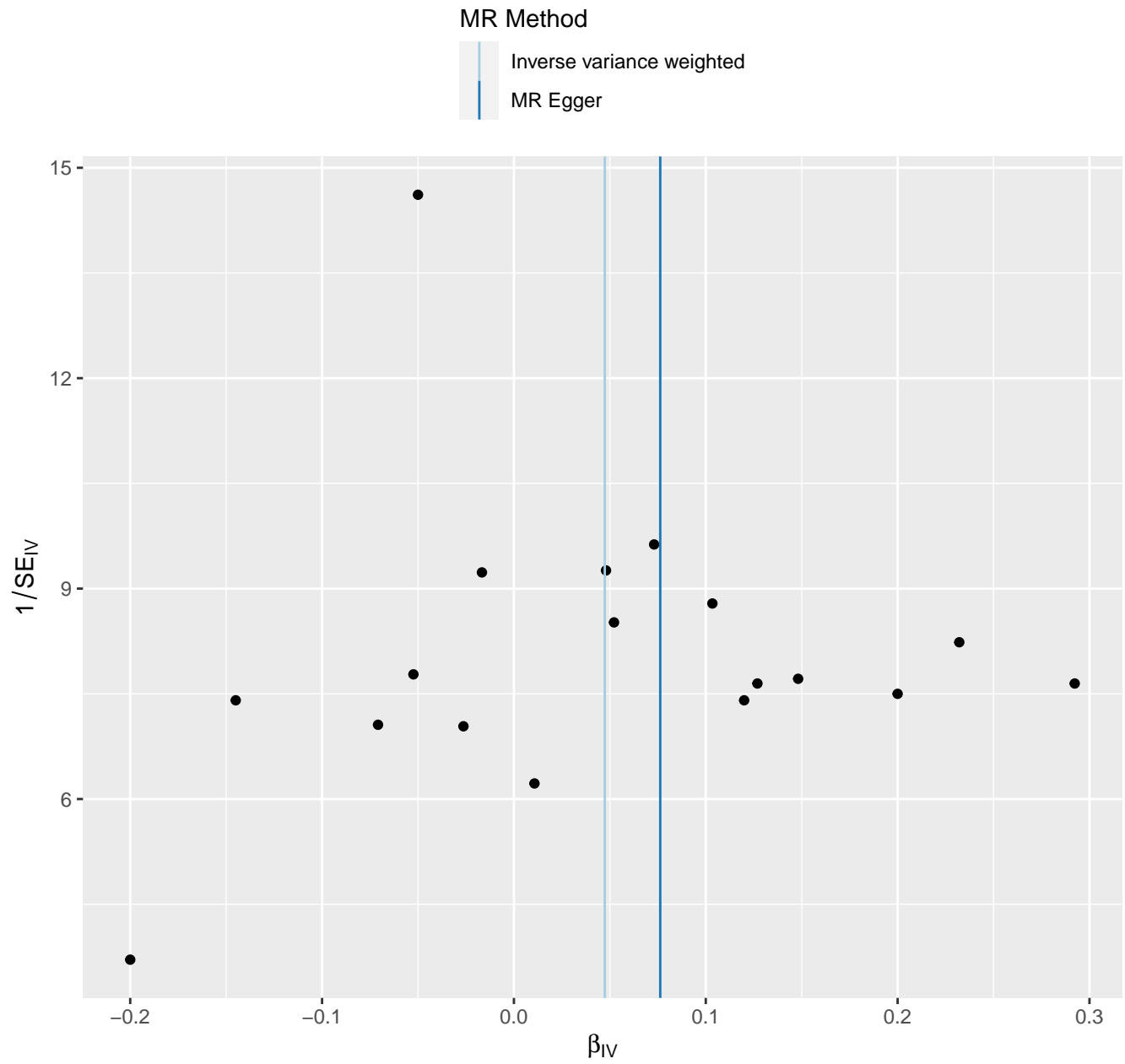


# 1-palmitoylglycerophosphoinositol\*

MR Method



# 1-stearoylglycerol (1-monostearin)



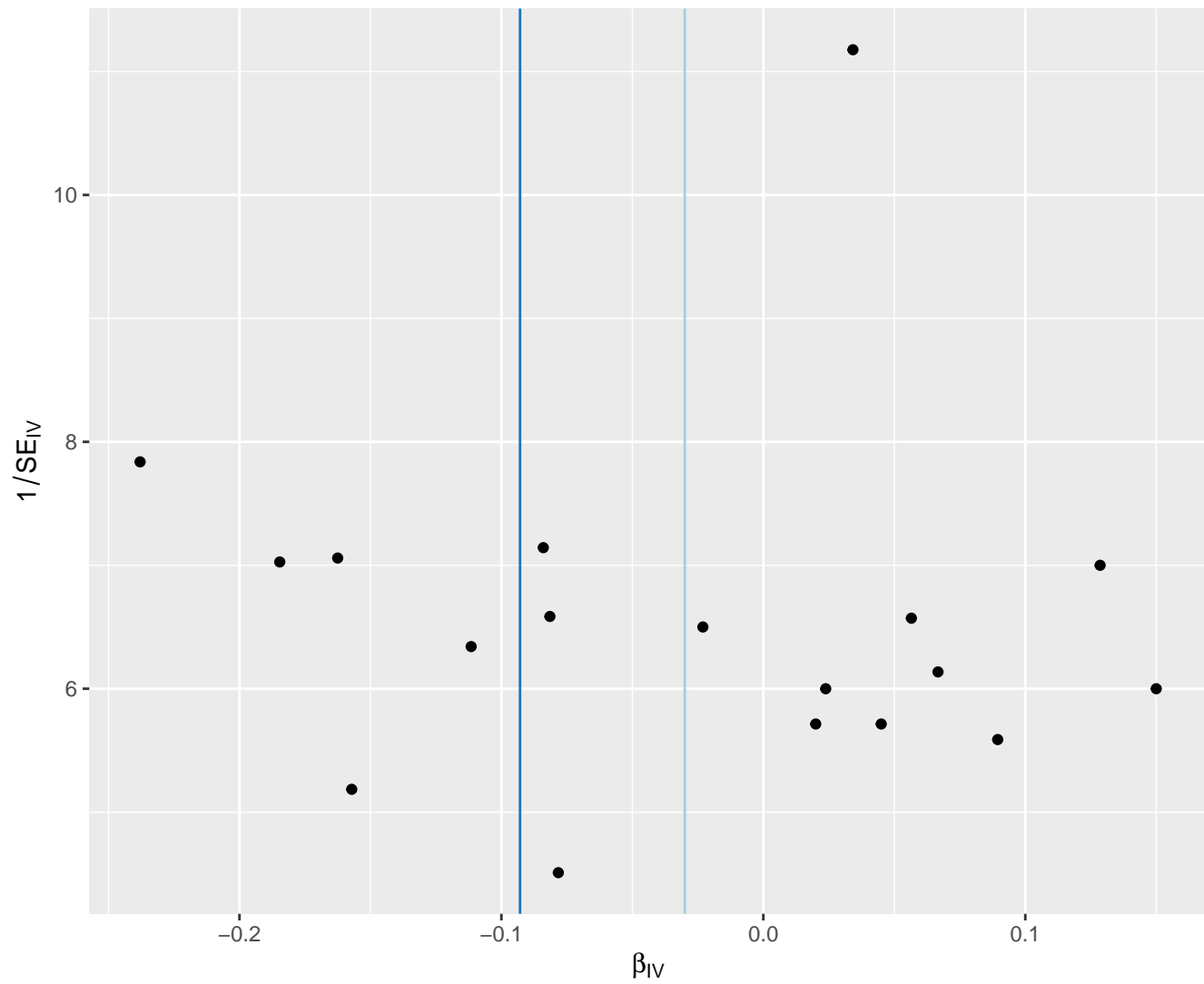
# 1-stearoylglycerophosphocholine

MR Method



Inverse variance weighted

MR Egger



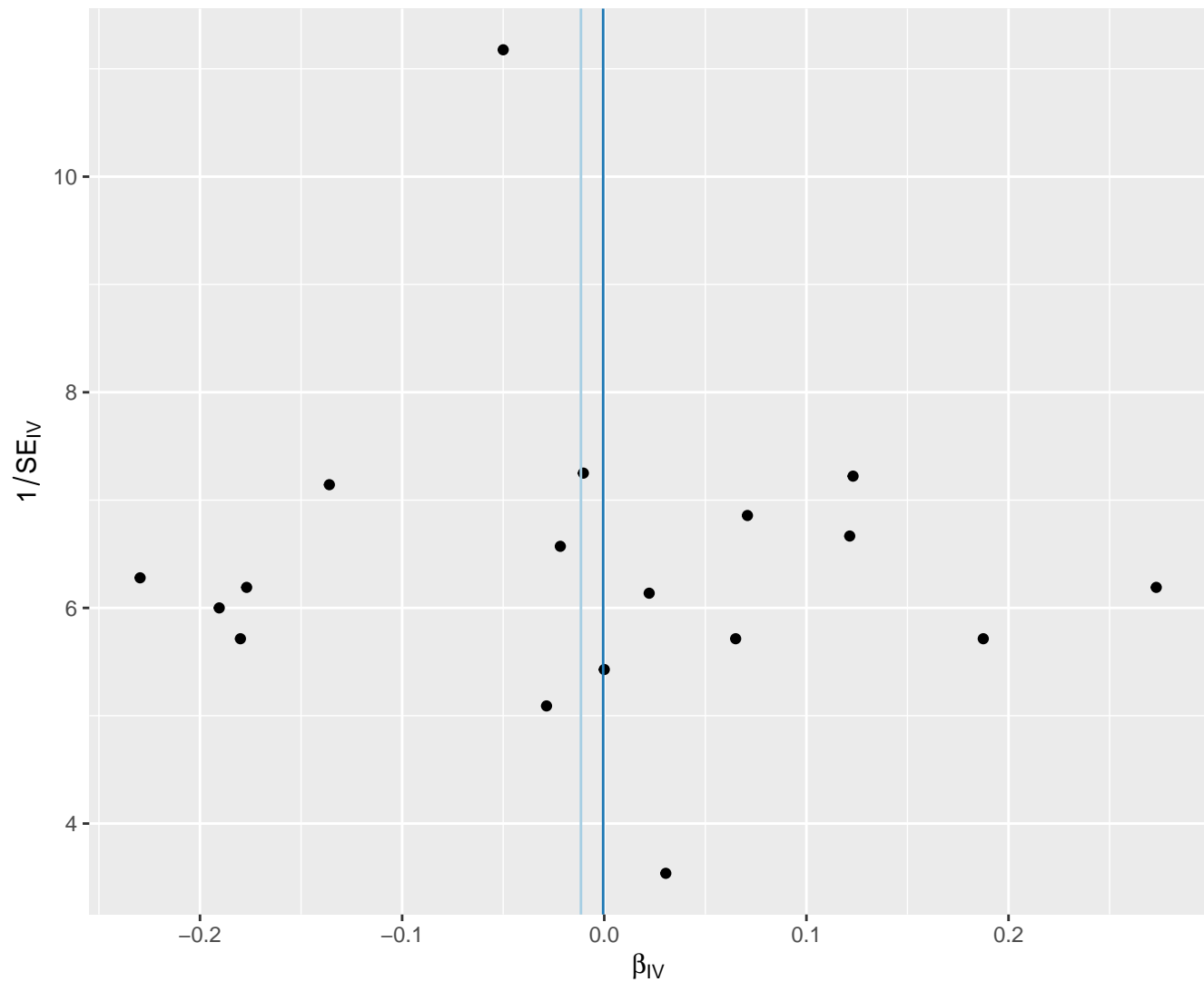
# 1-stearoylglycerophosphoethanolamine

MR Method



Inverse variance weighted

MR Egger



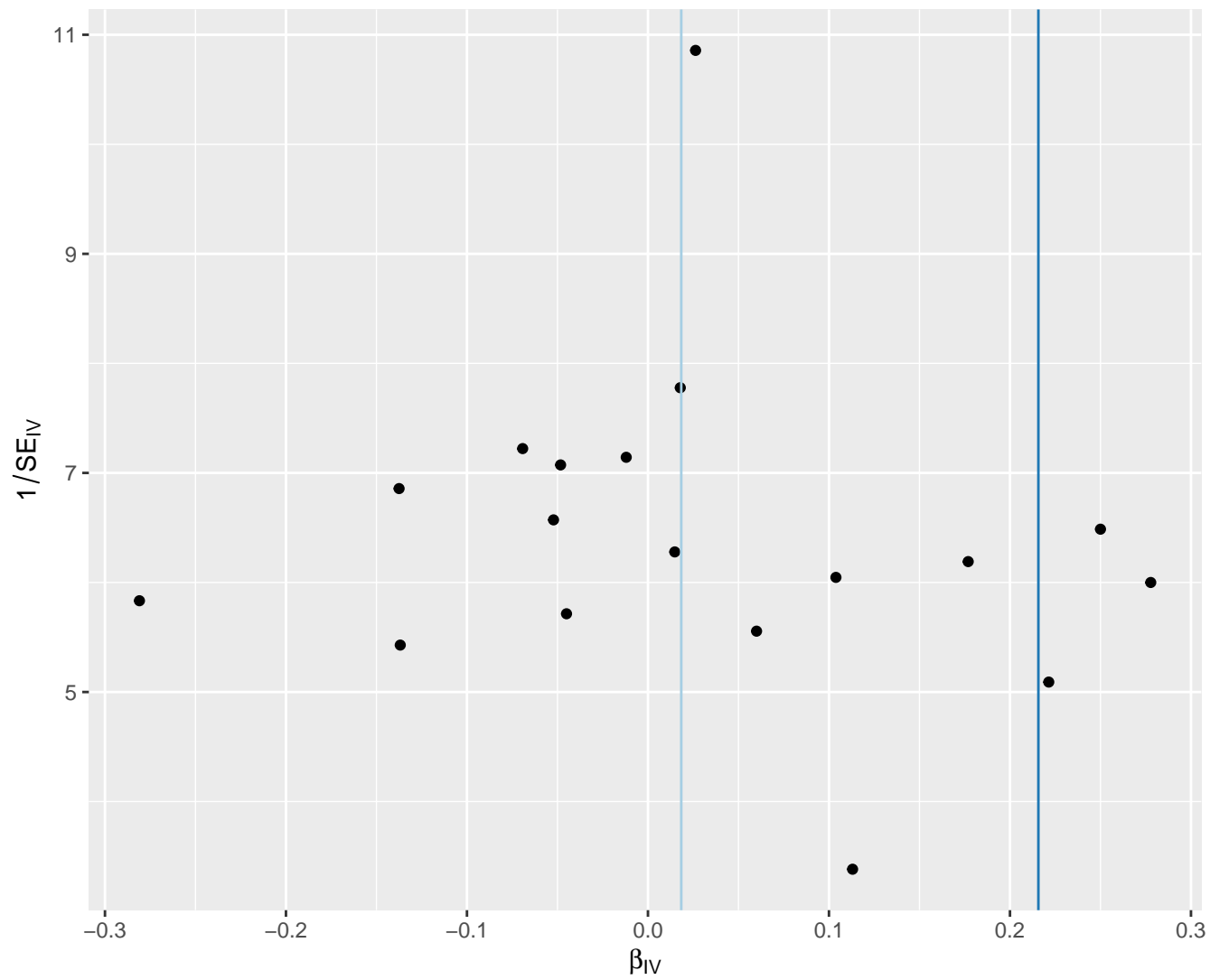
# 1-stearoylglycerophosphoinositol

MR Method



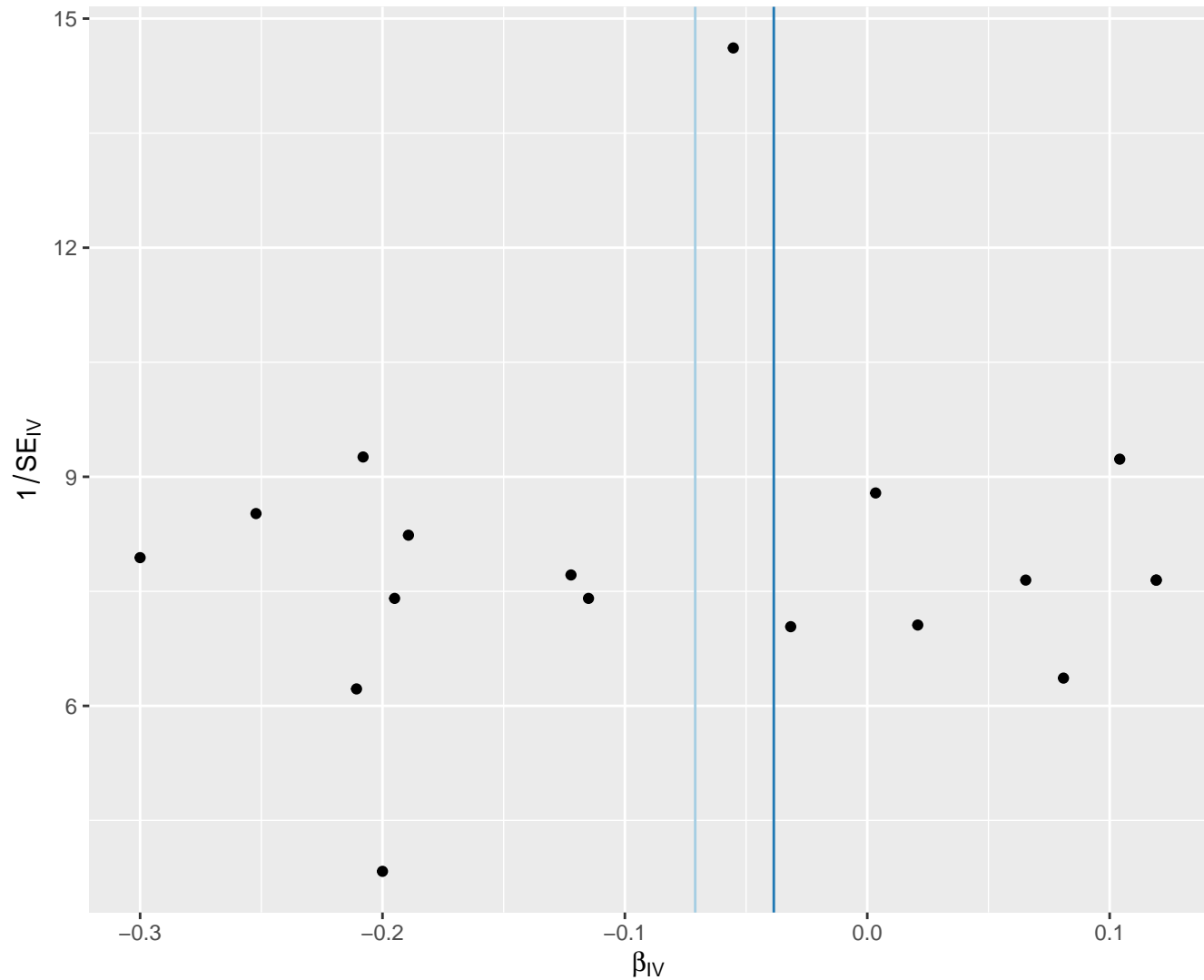
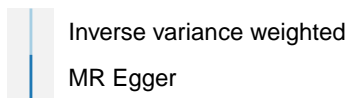
Inverse variance weighted

MR Egger



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

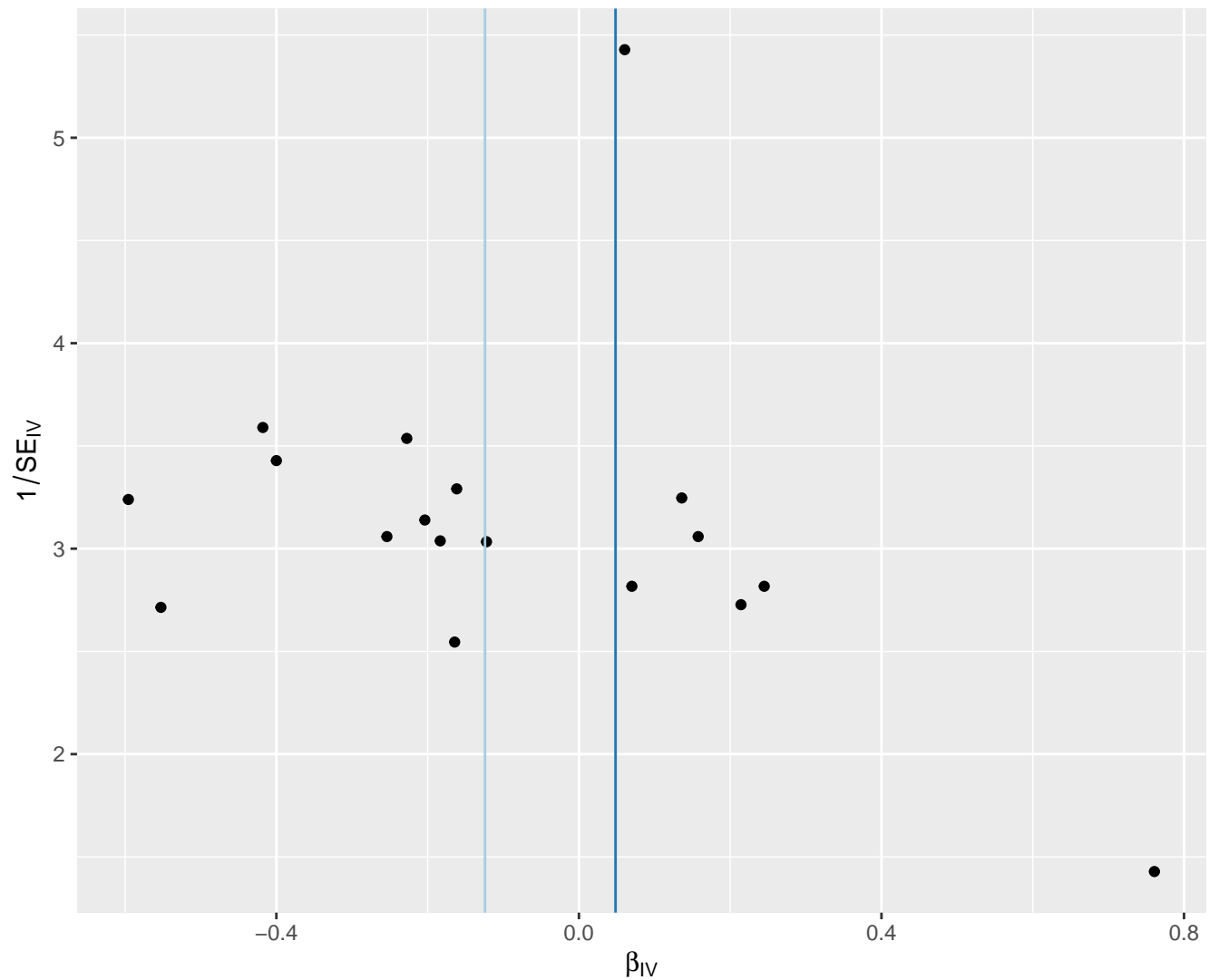
MR Method





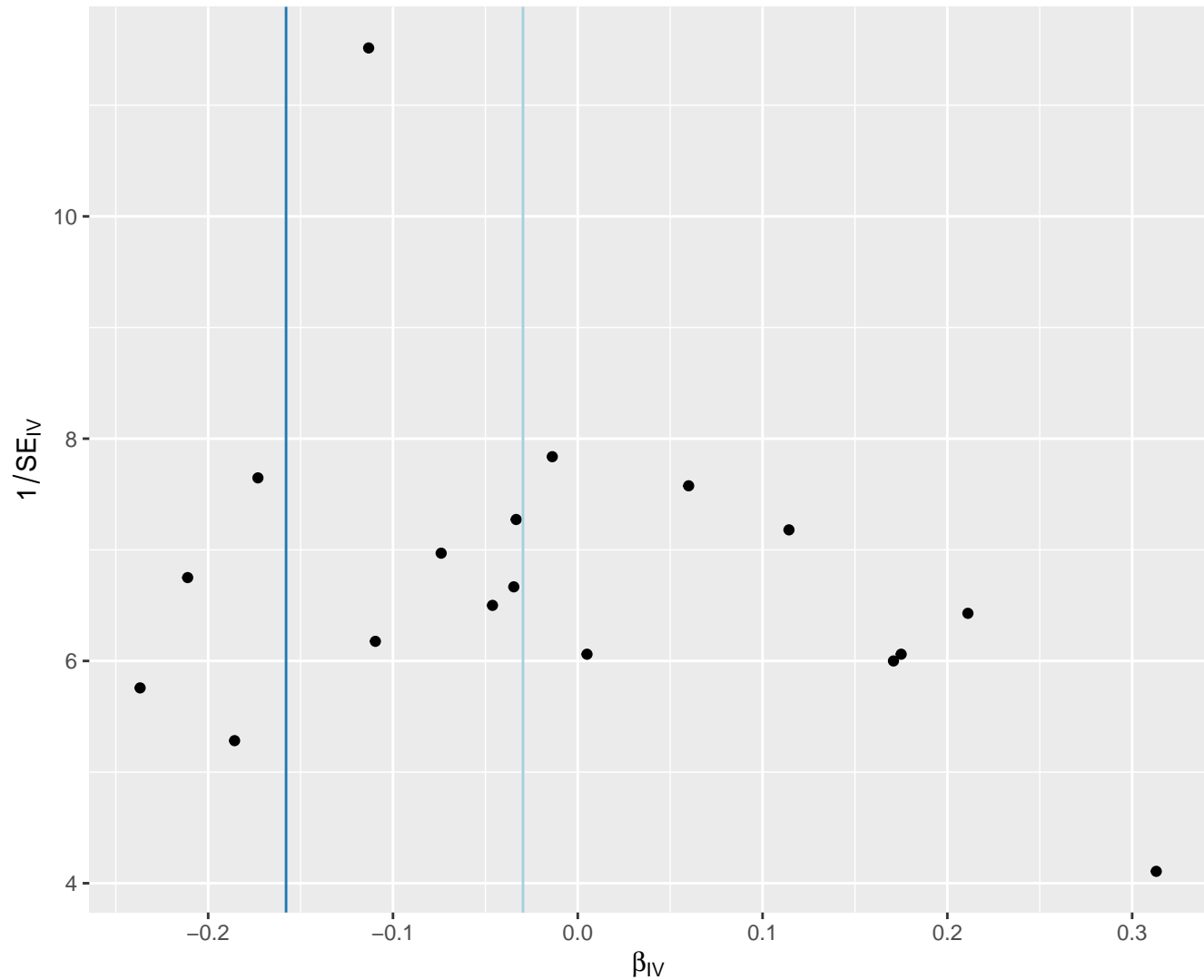
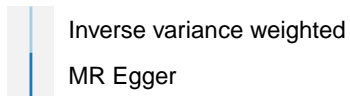
# 1,6-anhydroglucose

MR Method



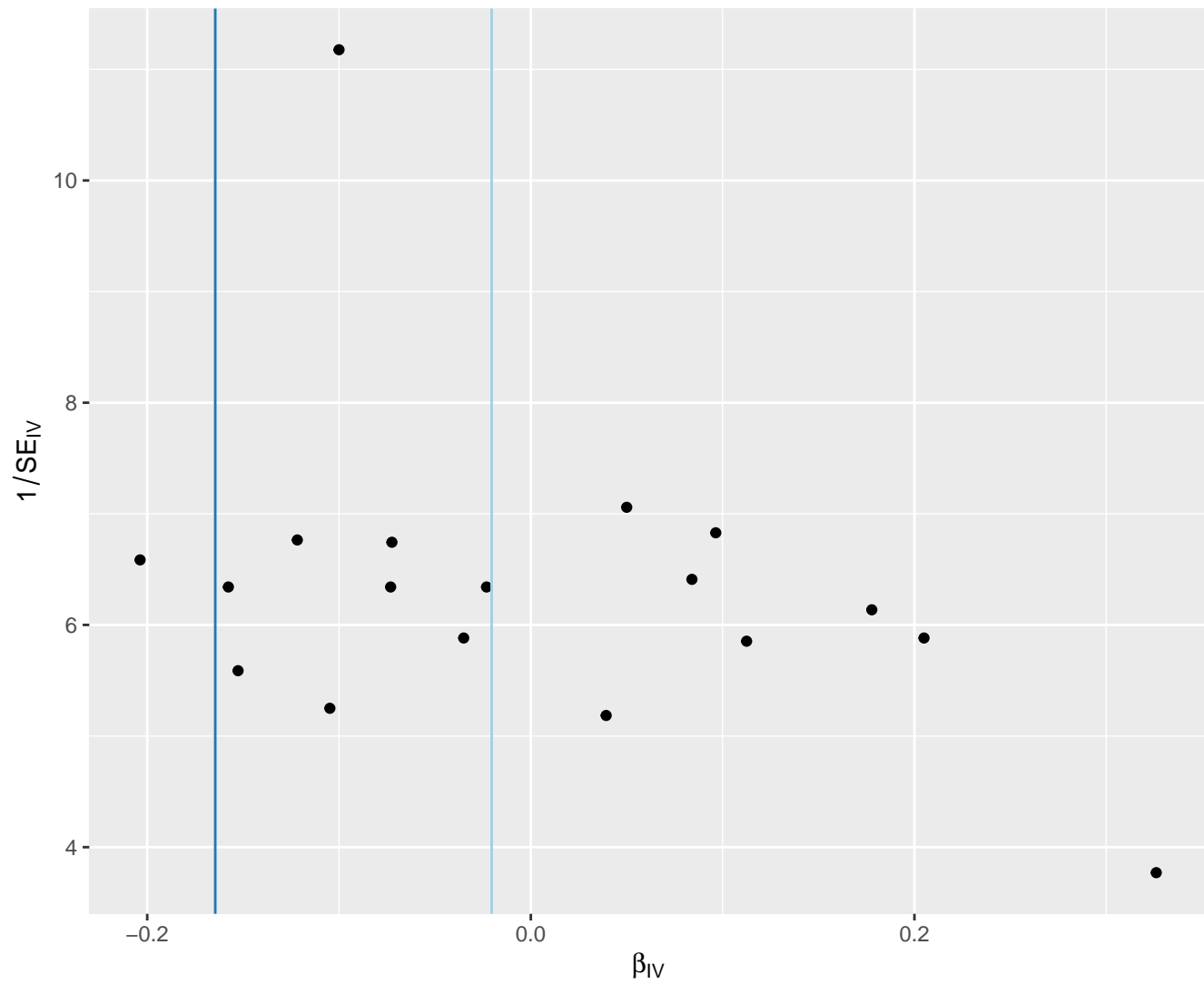
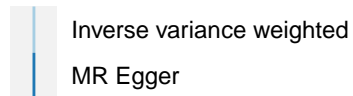
# 10-heptadecenoate (17:1n7)

MR Method

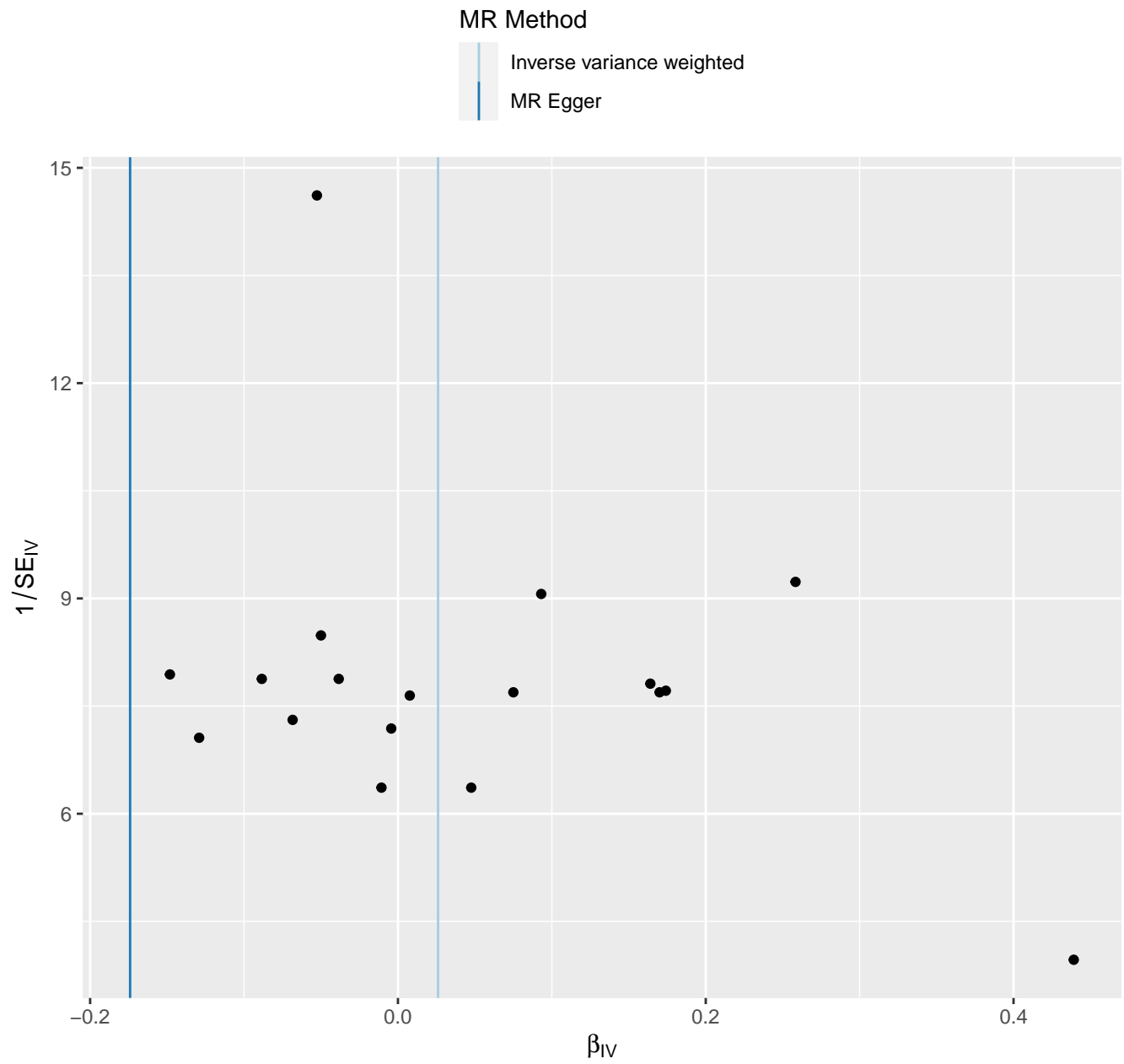


# 10-nonadecenoate (19:1n9)

MR Method

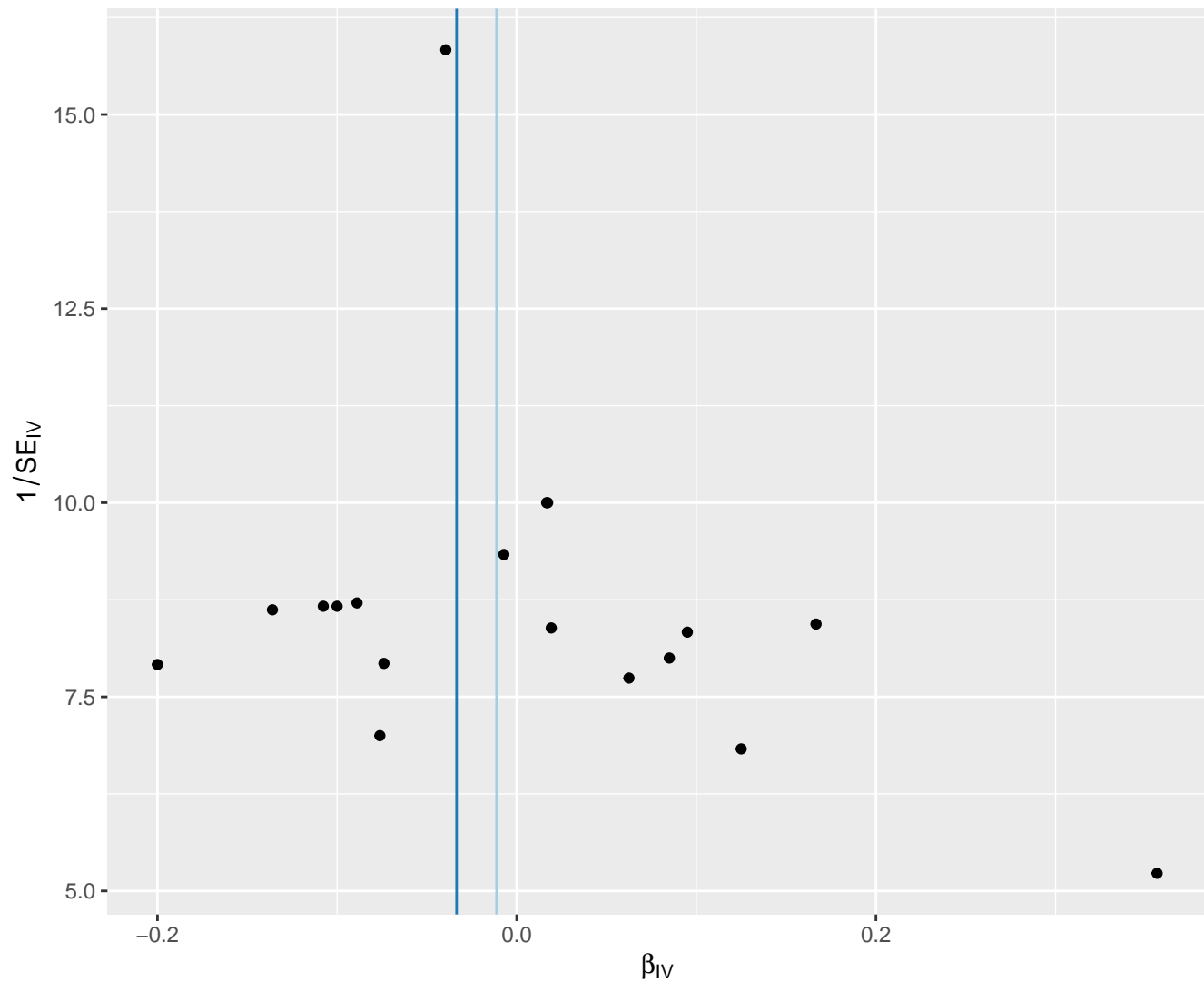
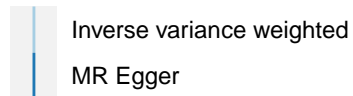


# 10-undecenoate (11:1n1)



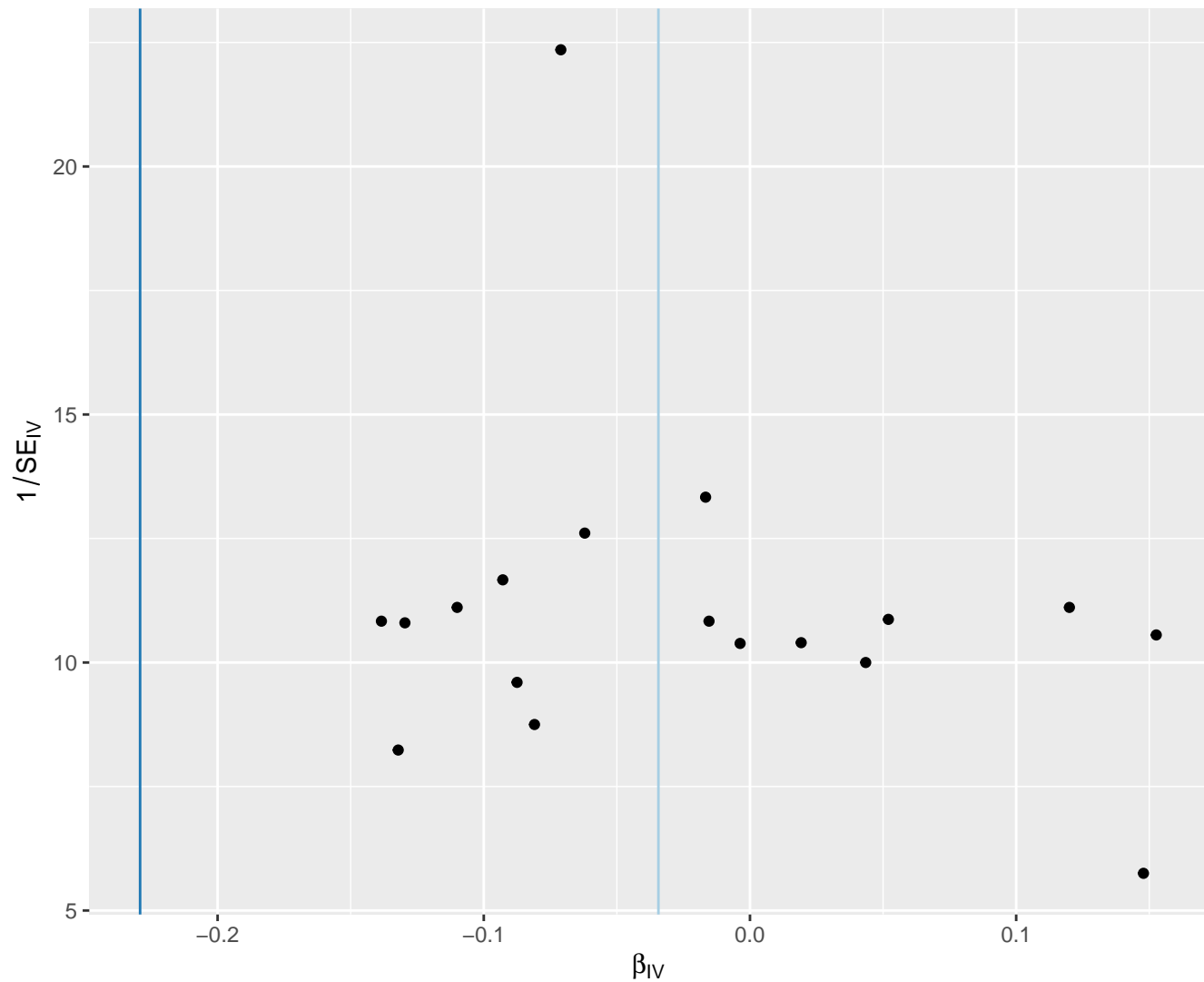
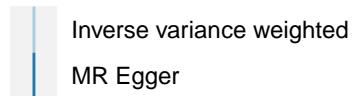
# 15-methylpalmitate (isobar with 2-methylpalmitate)

MR Method



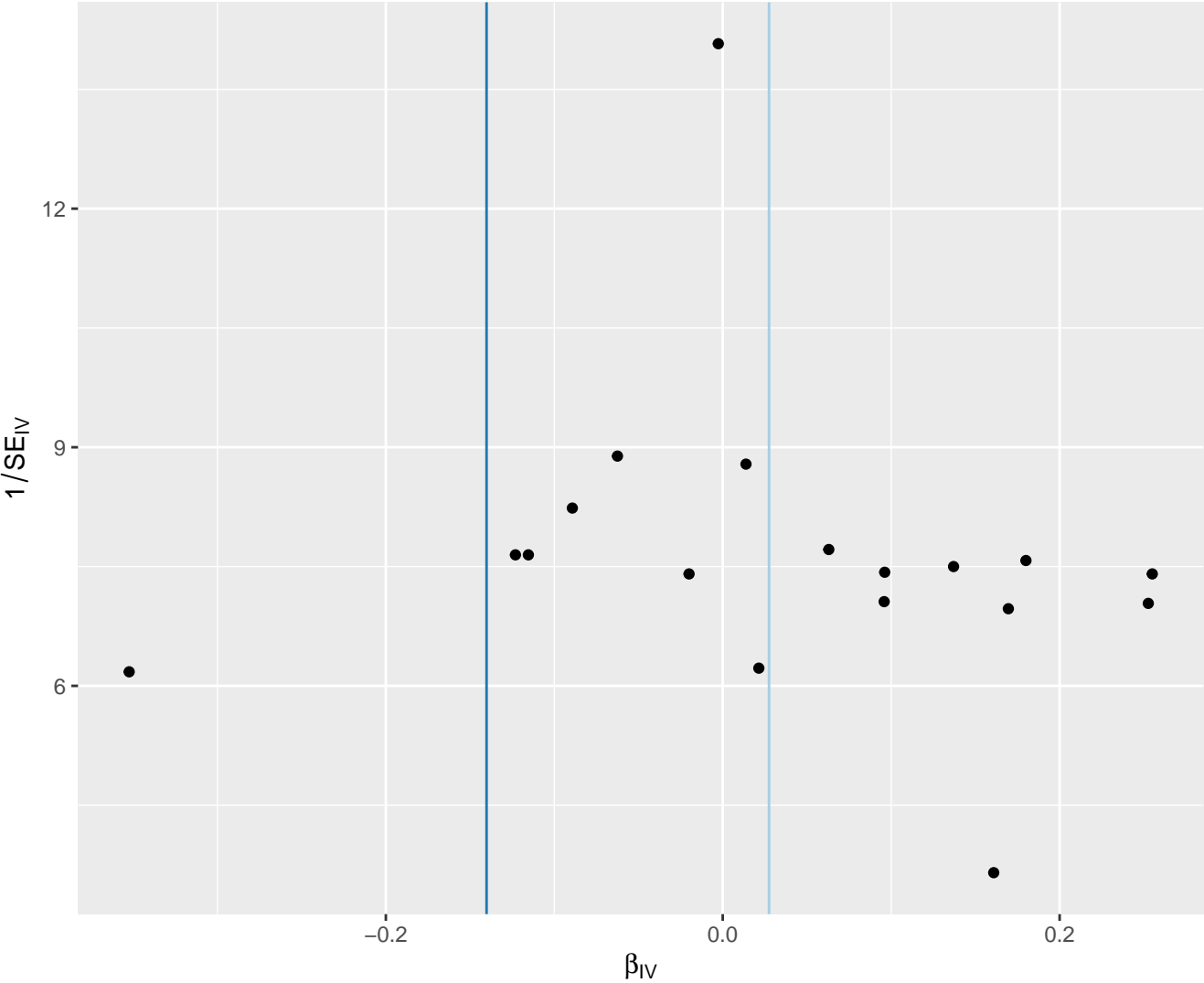
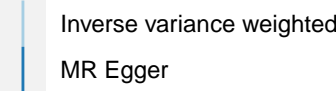
## 2-aminobutyrate

MR Method



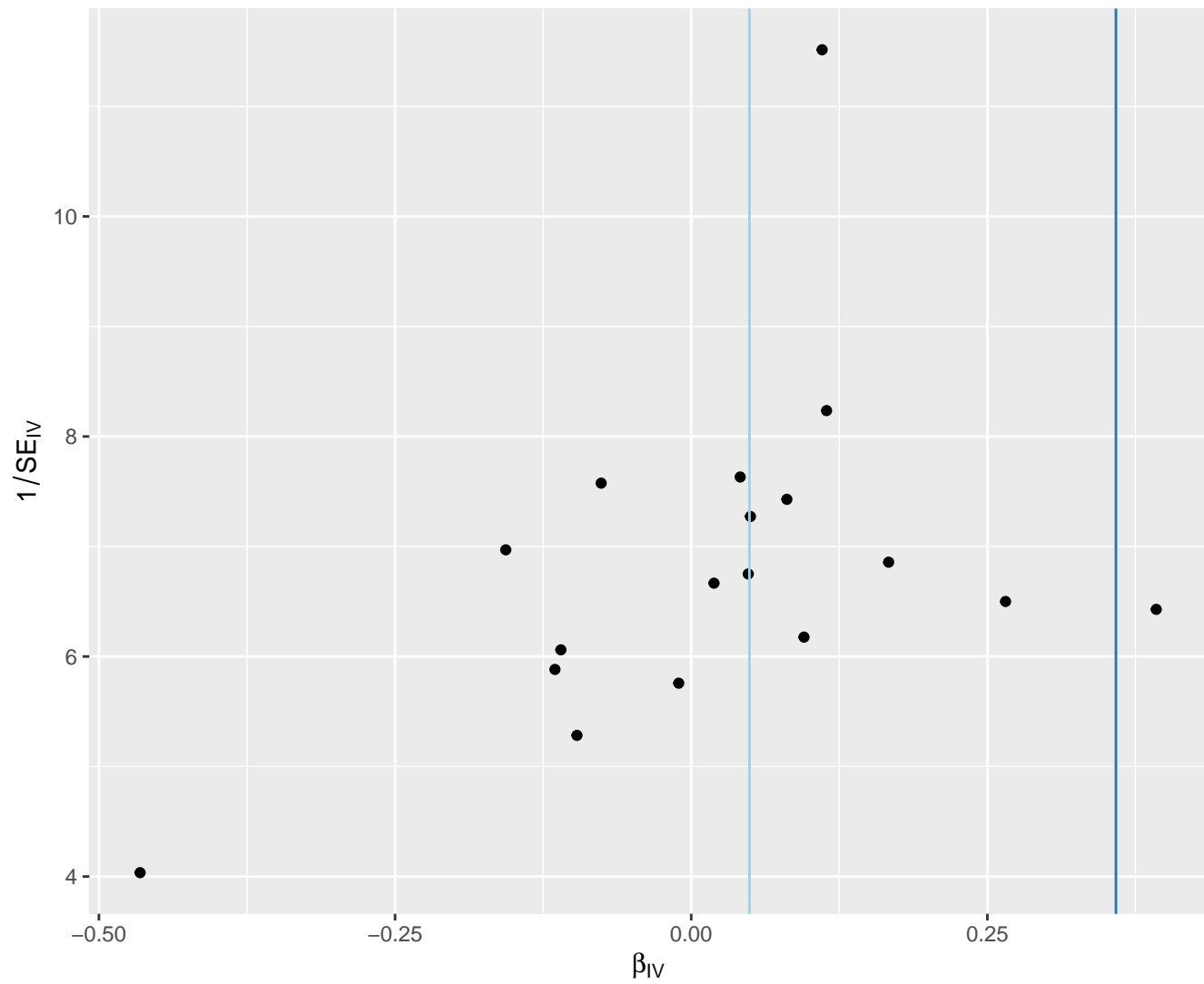
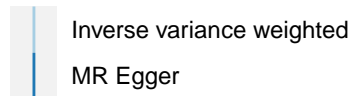
2-hydroxybutyrate (AHB)

MR Method



# 2-hydroxyglutarate

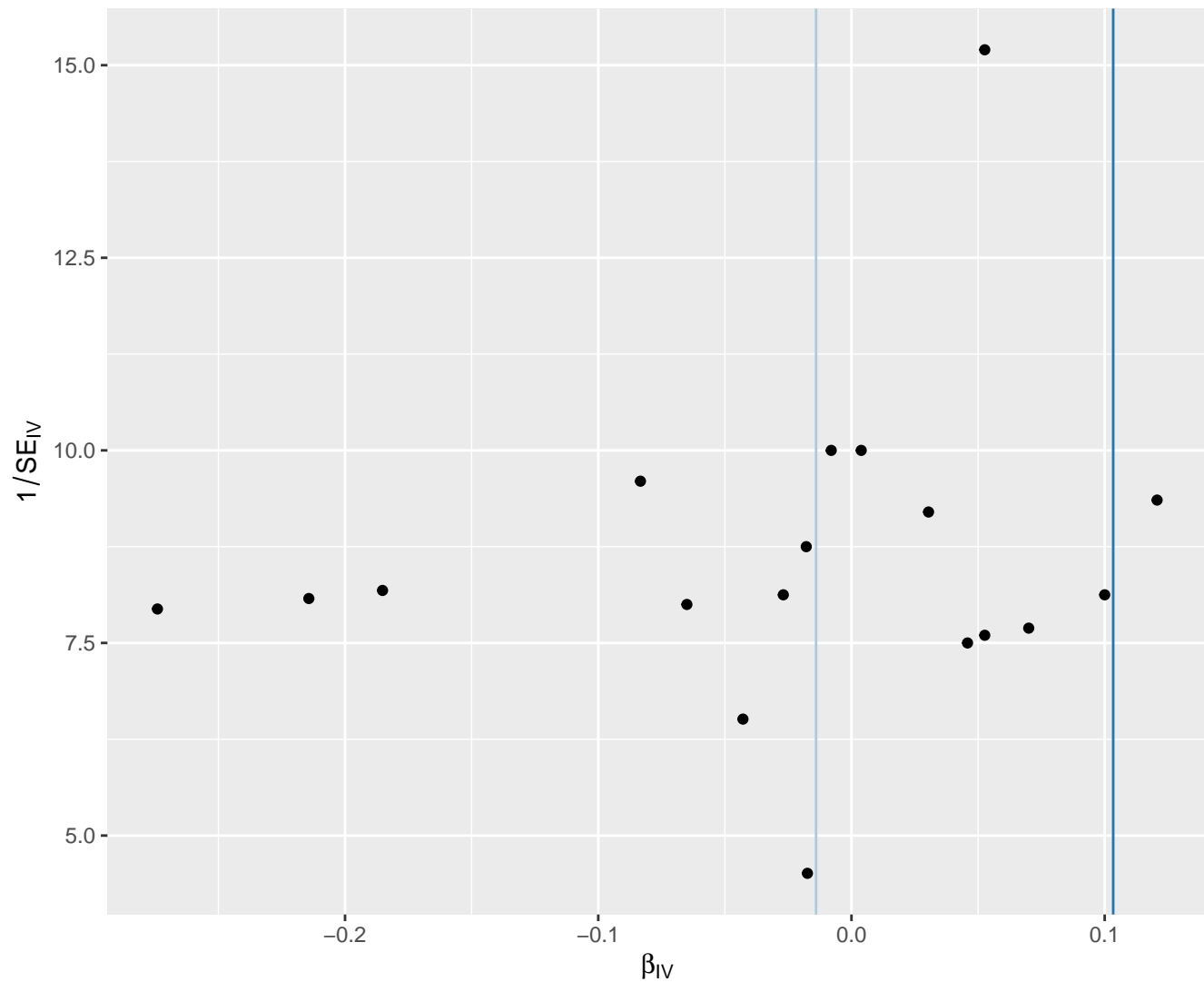
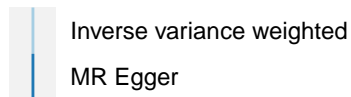
MR Method





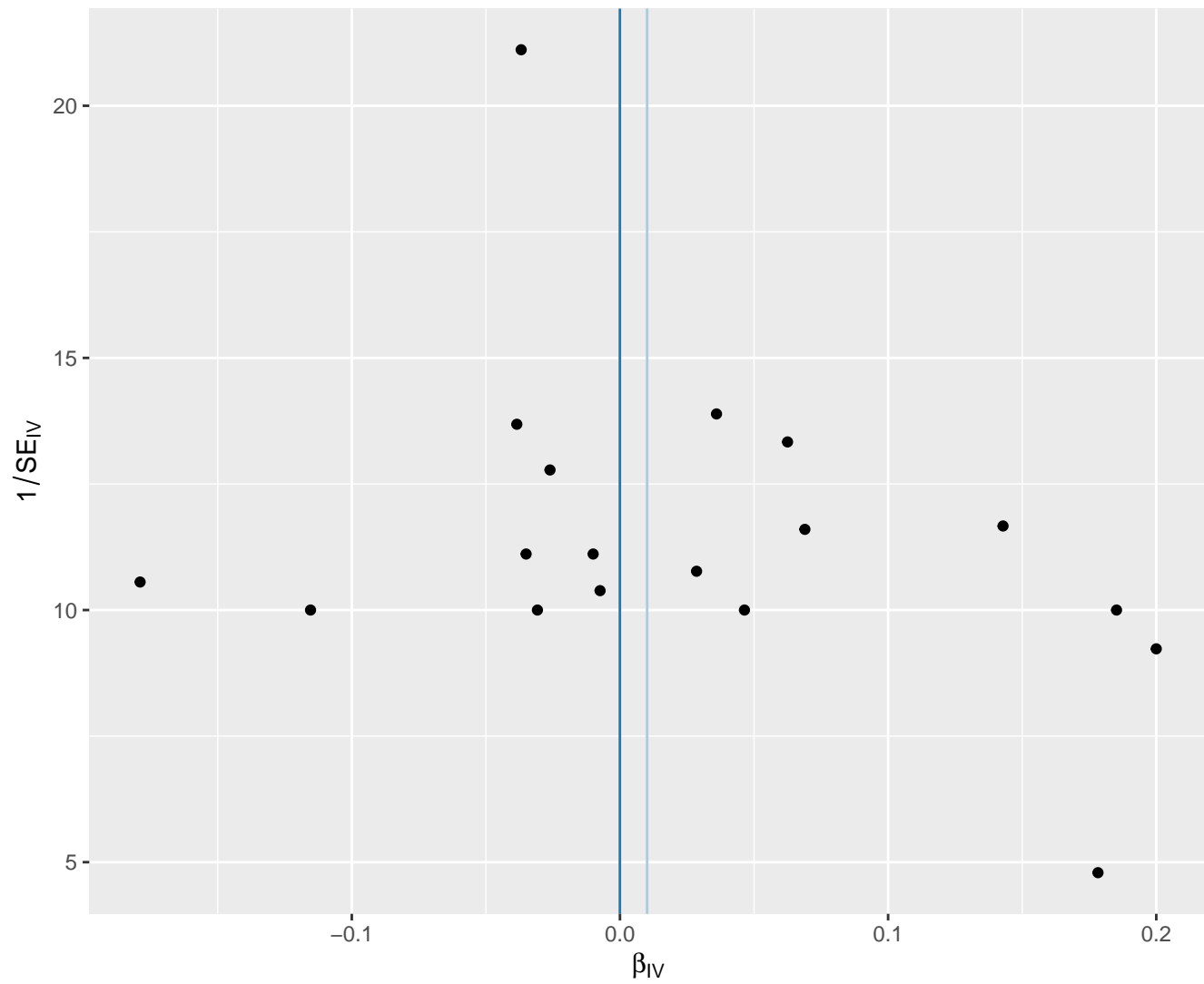
# 2-hydroxyisobutyrate

MR Method



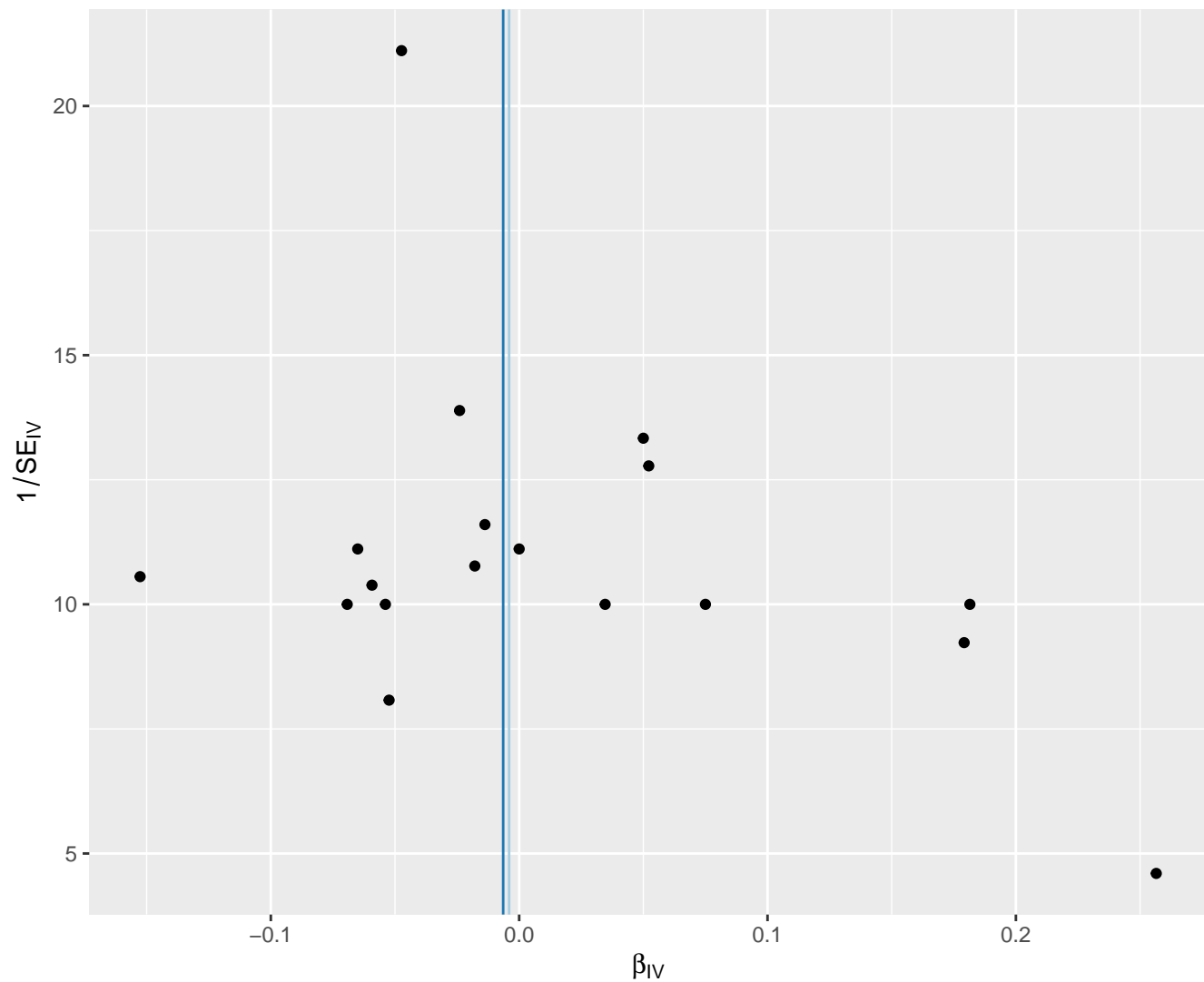
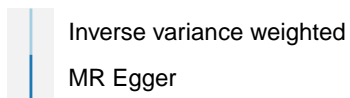
## 2-hydroxypalmitate

MR Method



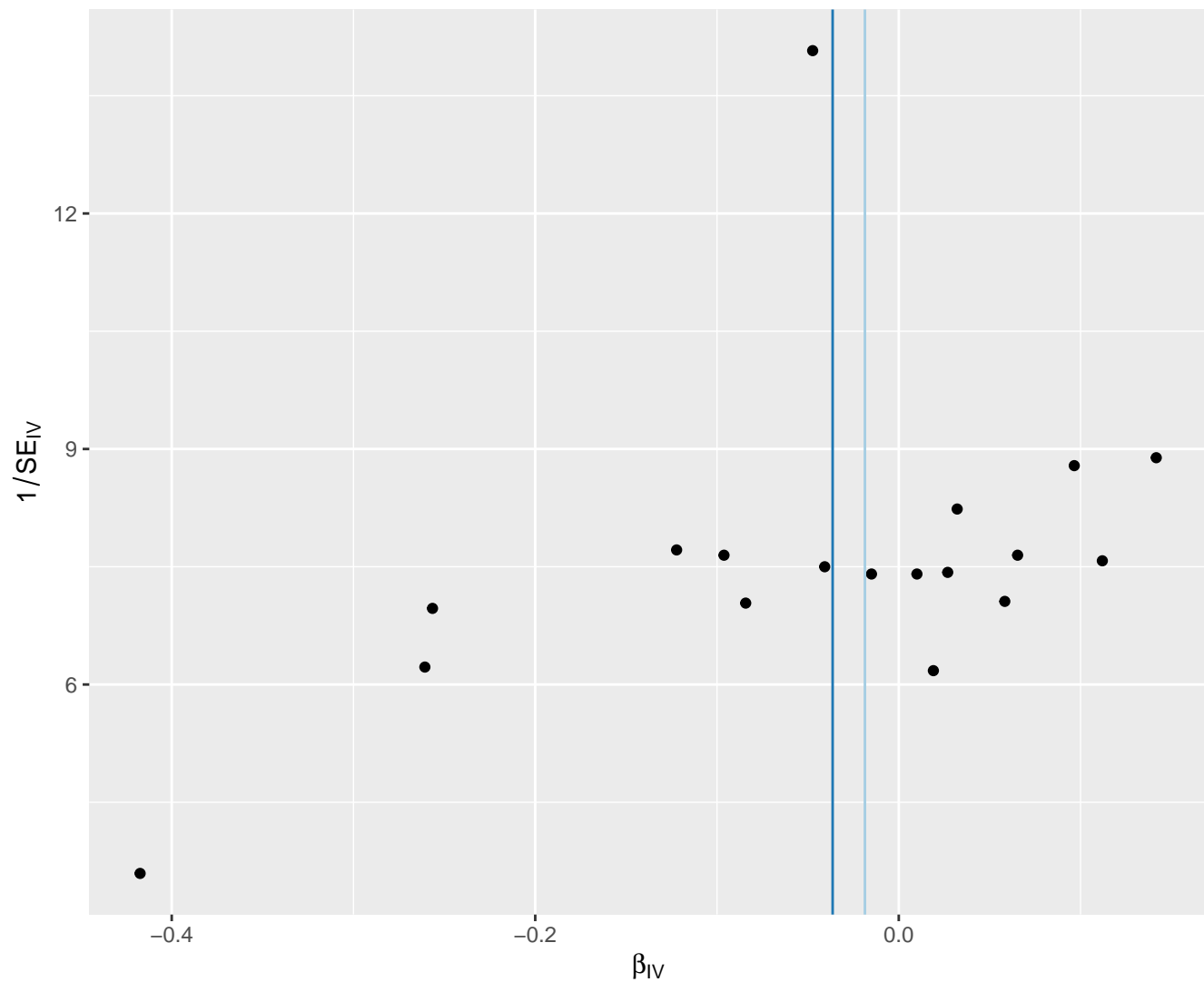
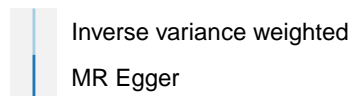
# 2-hydroxystearate

MR Method



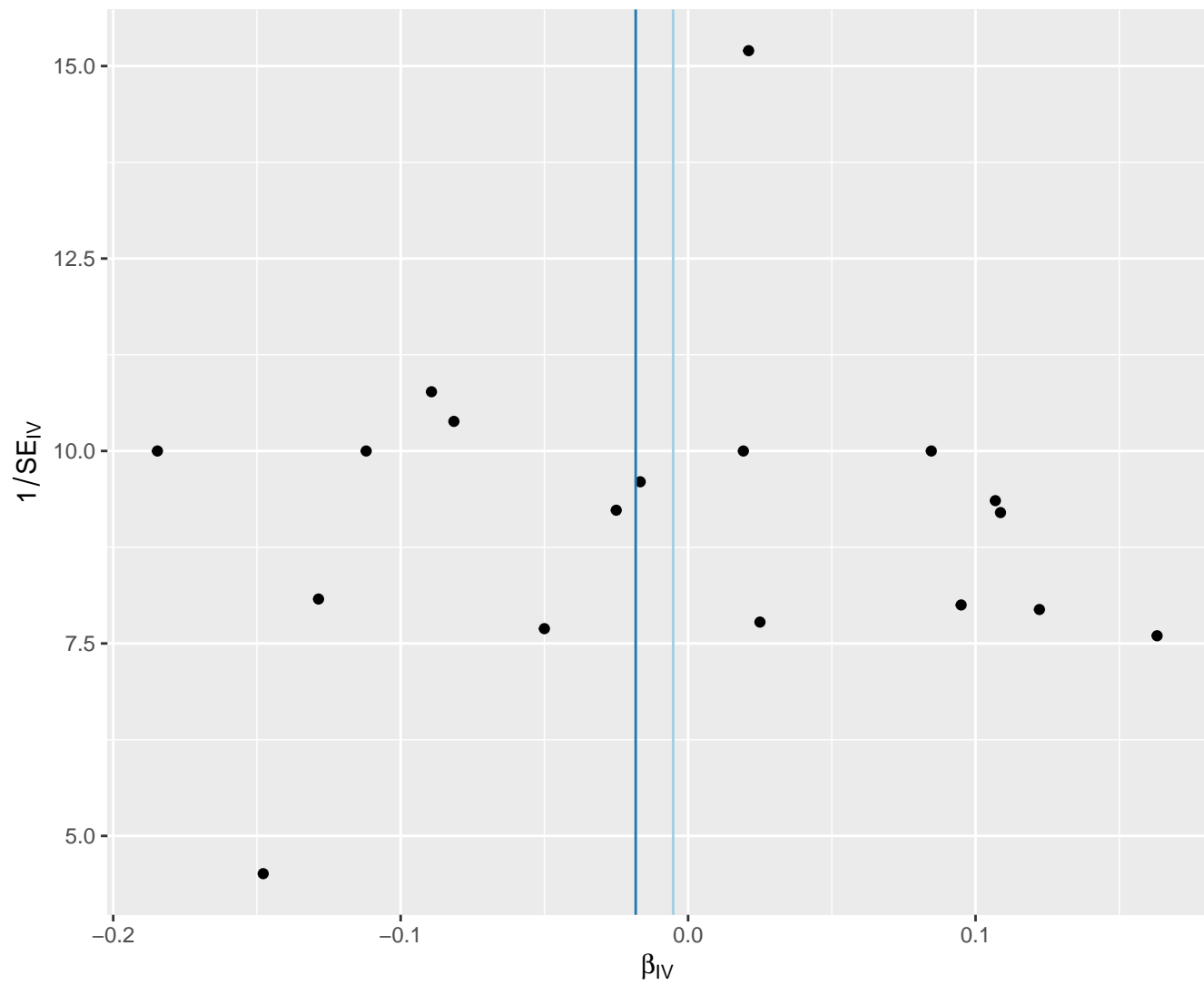
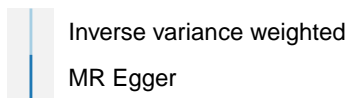
# 2-linoleoylglycerophosphocholine\*

MR Method



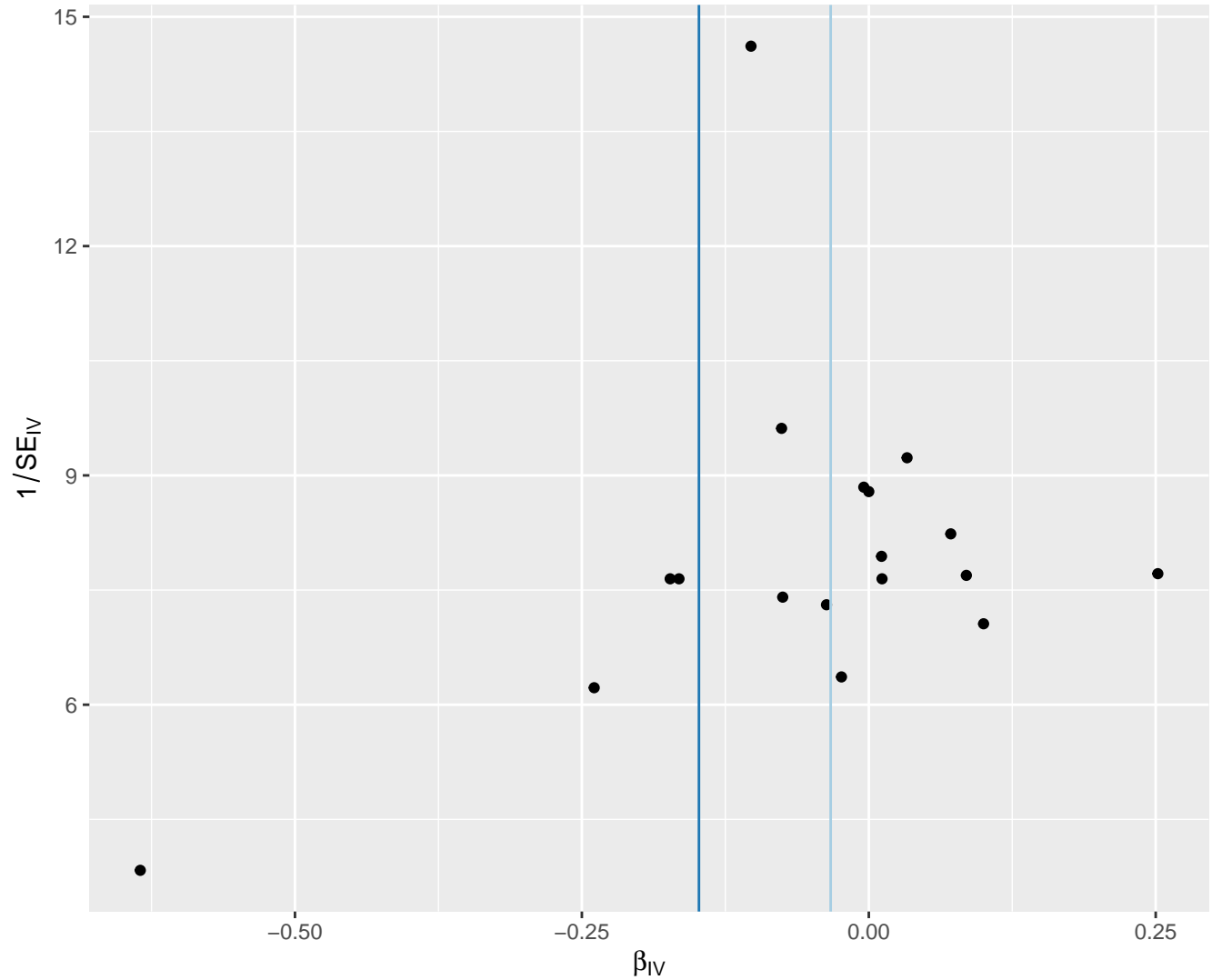
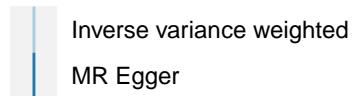
# 2-methylbutyrylcarnitine

MR Method



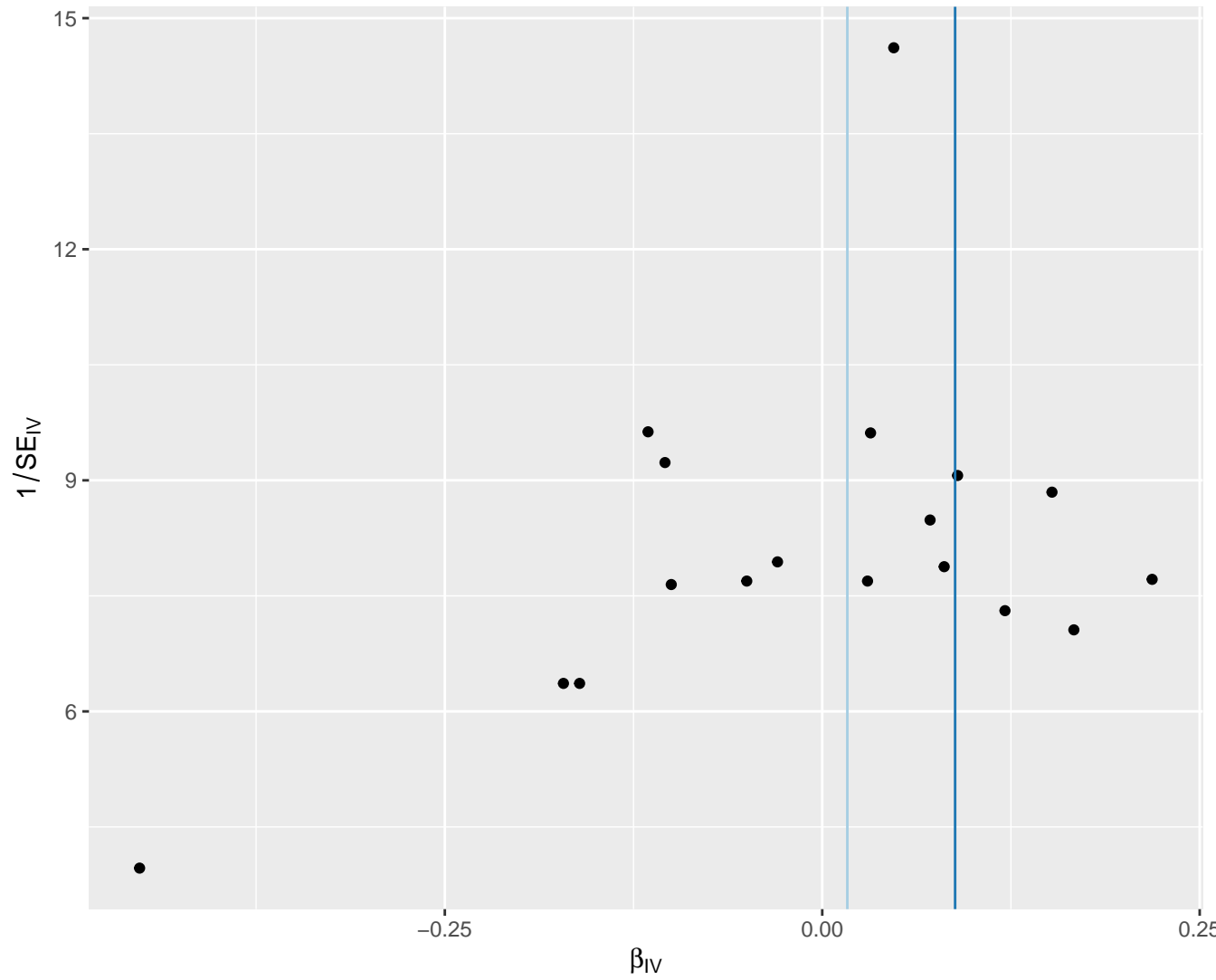
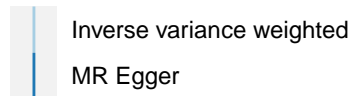
# 2-oleoylglycerophosphocholine\*

MR Method



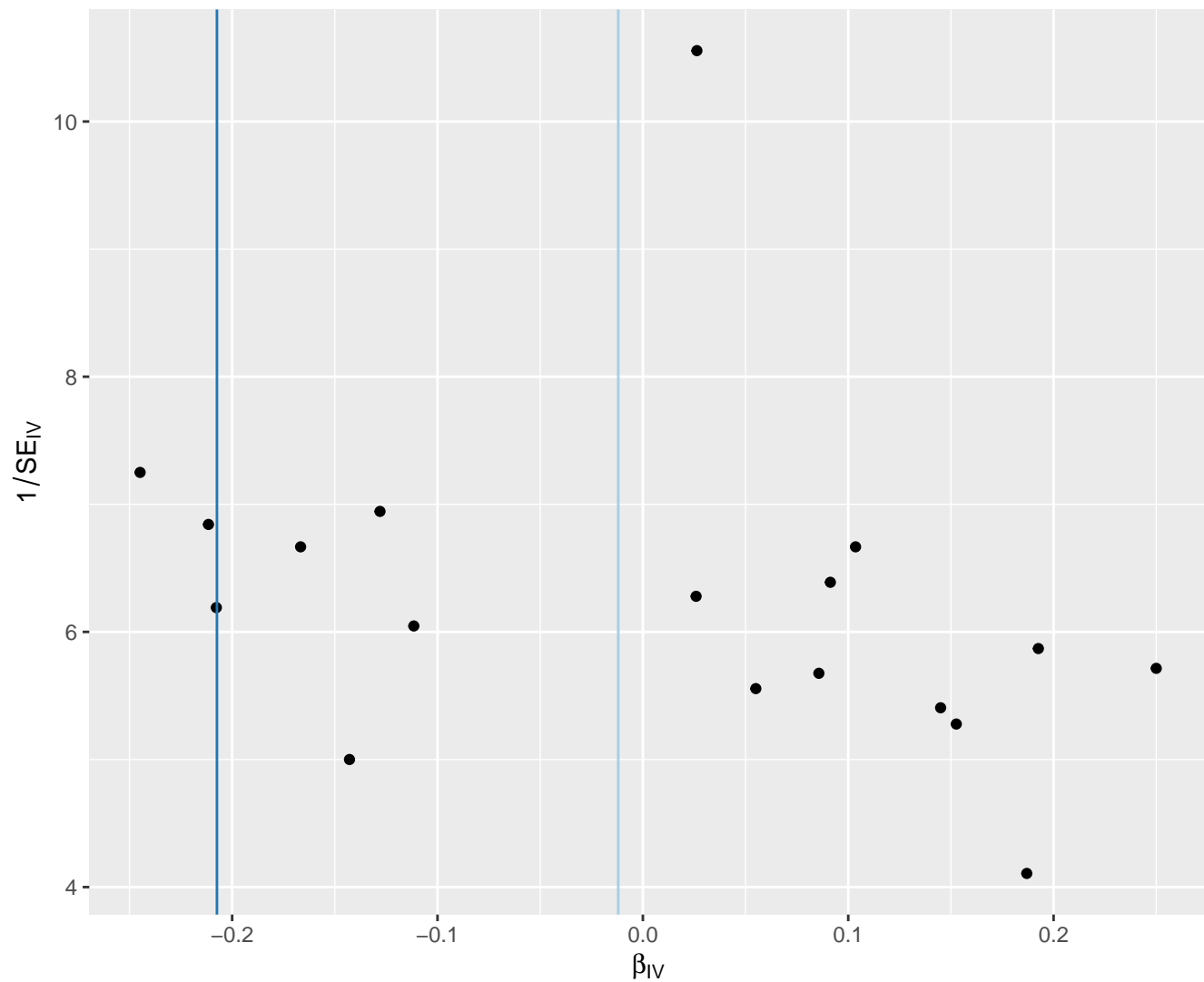
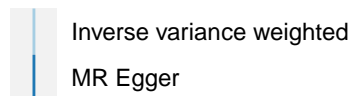
# 2-palmitoylglycerophosphocholine\*

MR Method



# 2-stearoylglycerophosphocholine\*

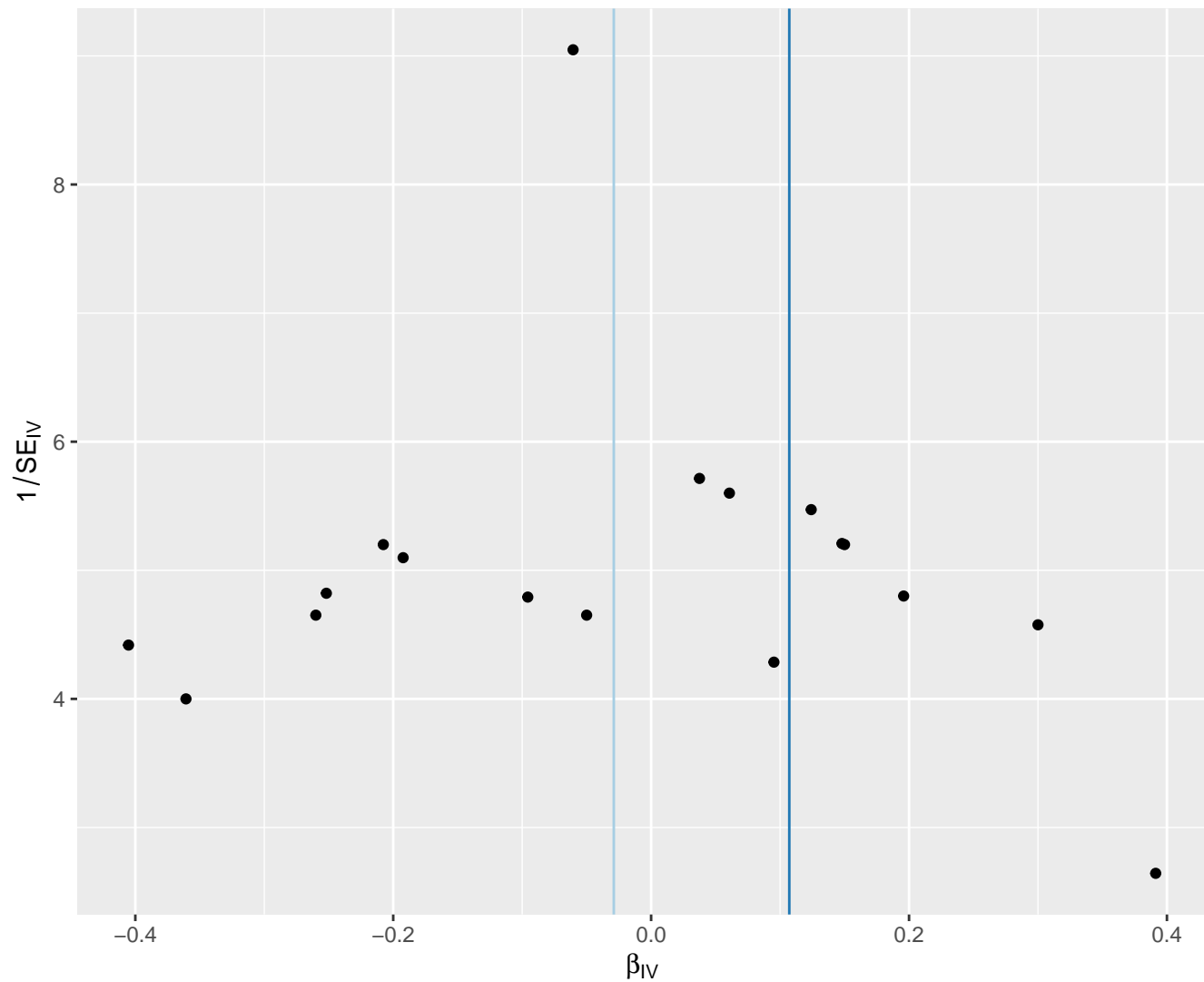
MR Method





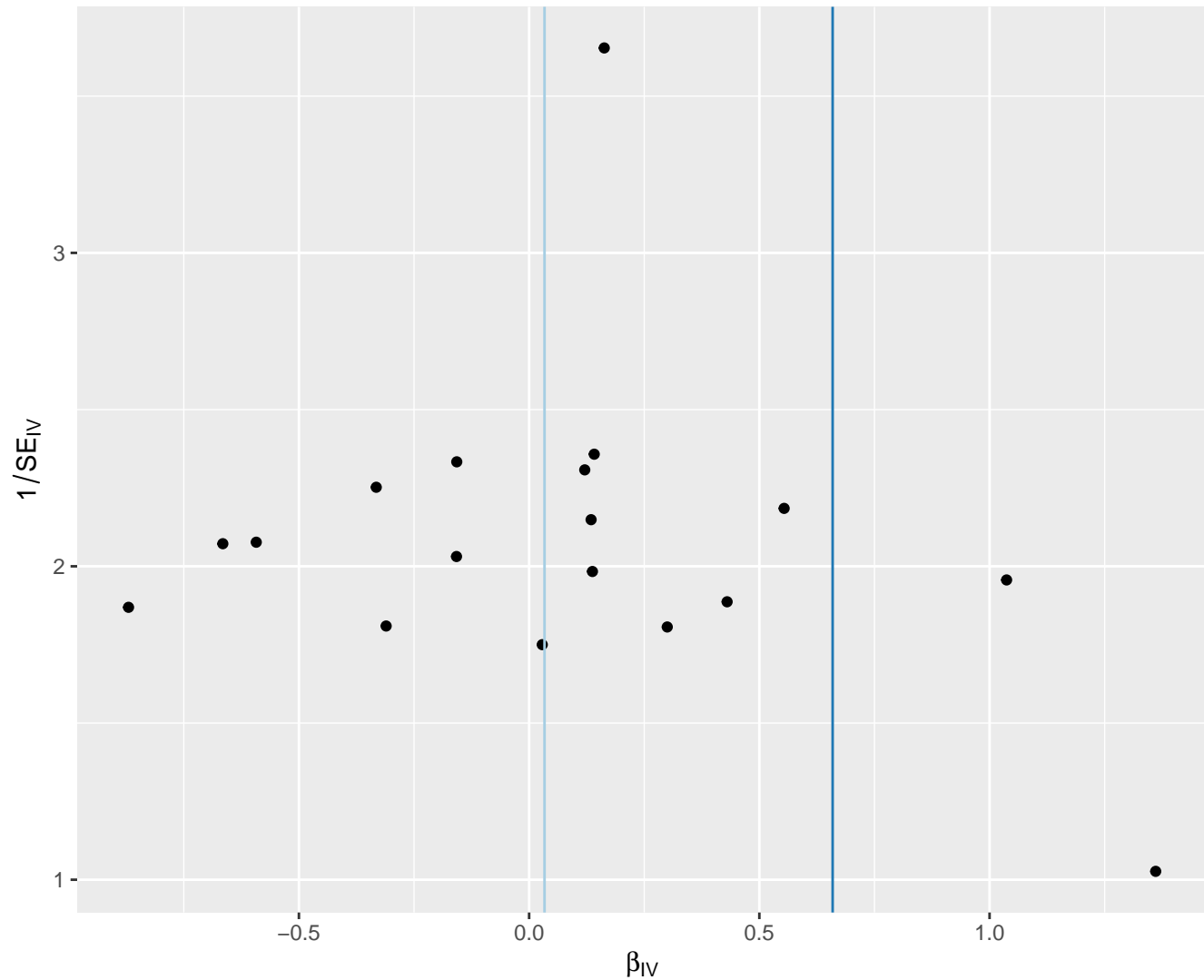
## 2-tetradecenoyl carnitine

MR Method

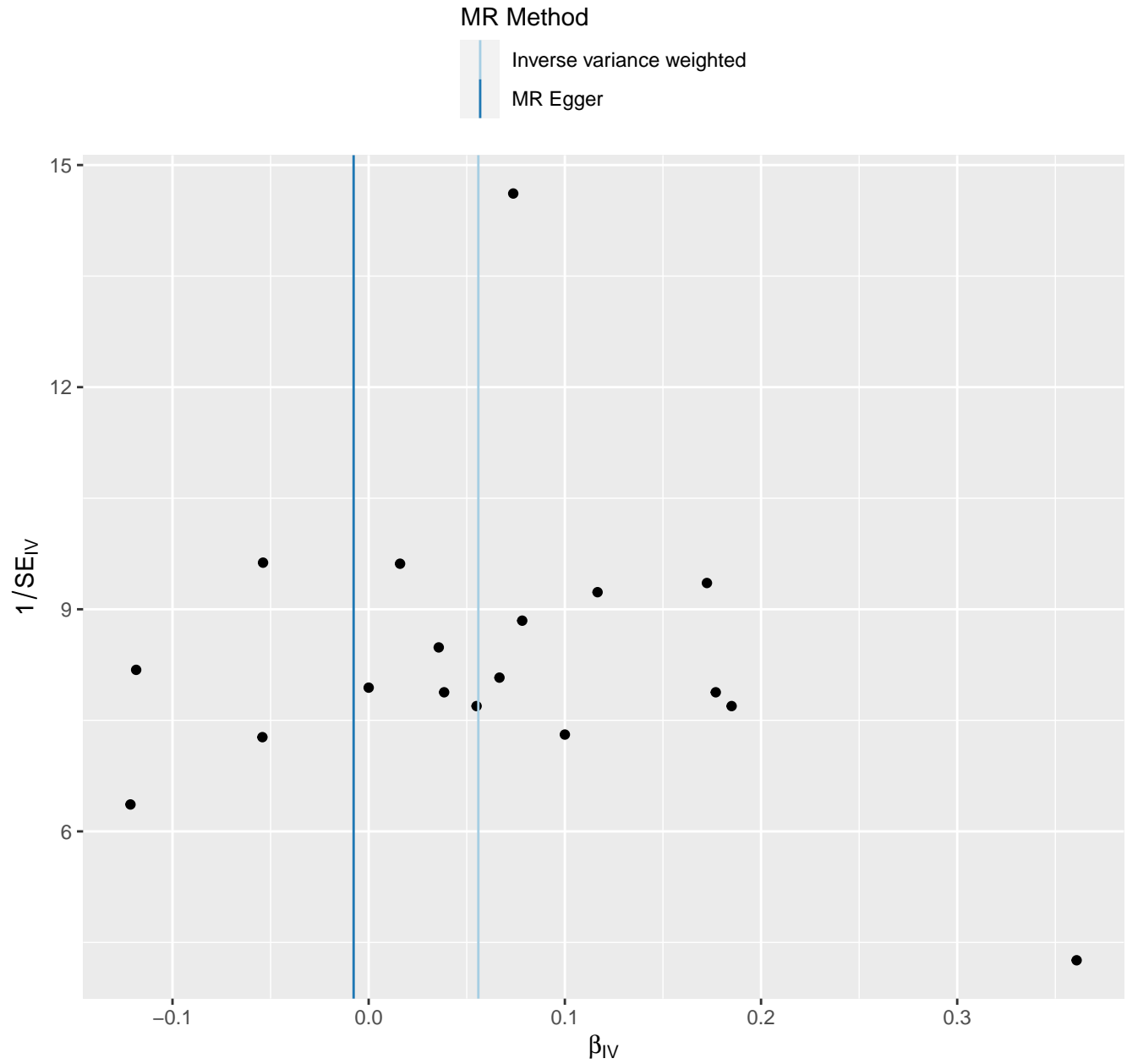


# 3-(3-hydroxyphenyl)propionate

MR Method

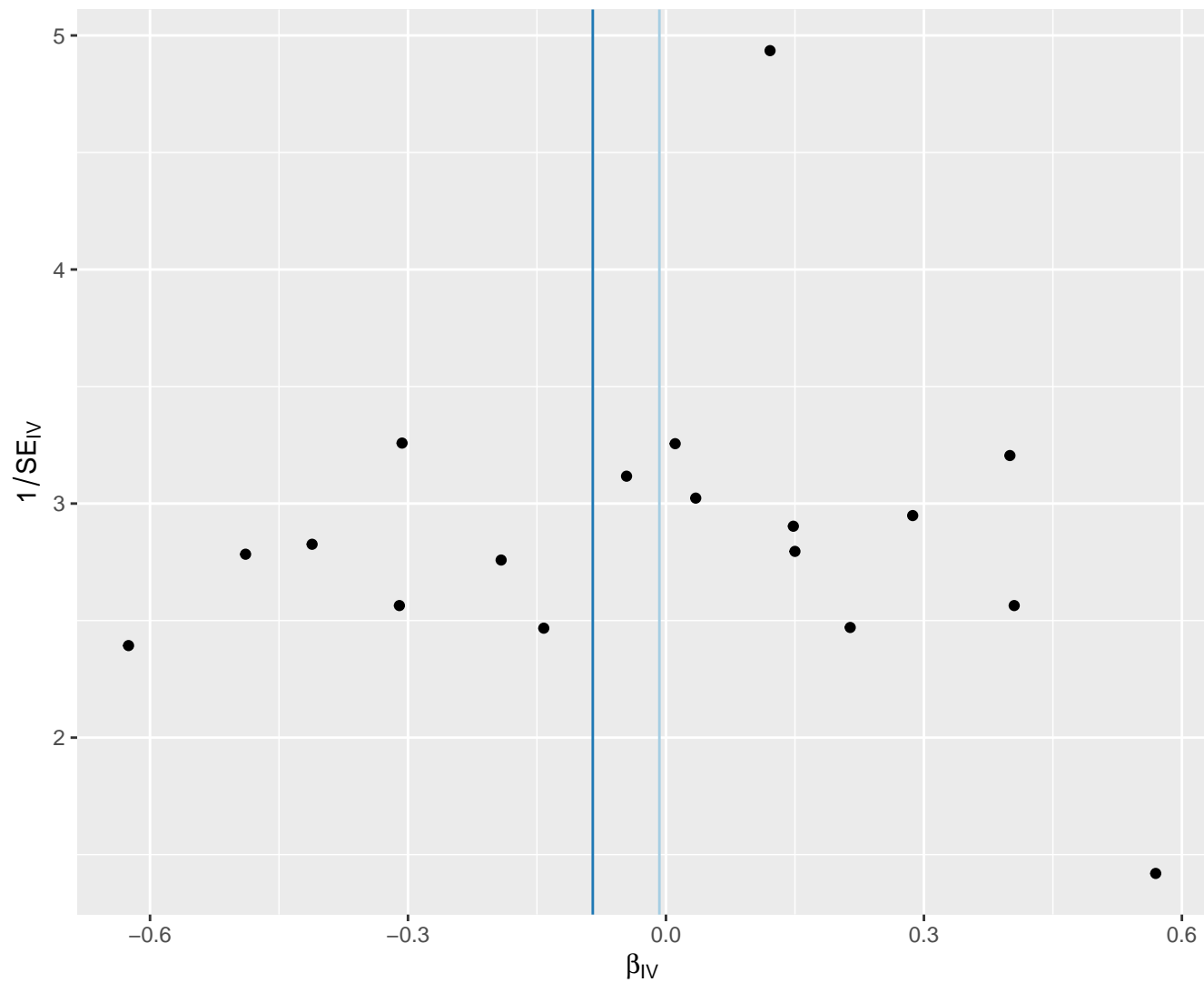
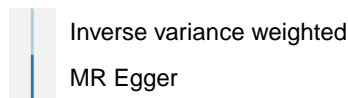


# 3-(4-hydroxyphenyl)lactate



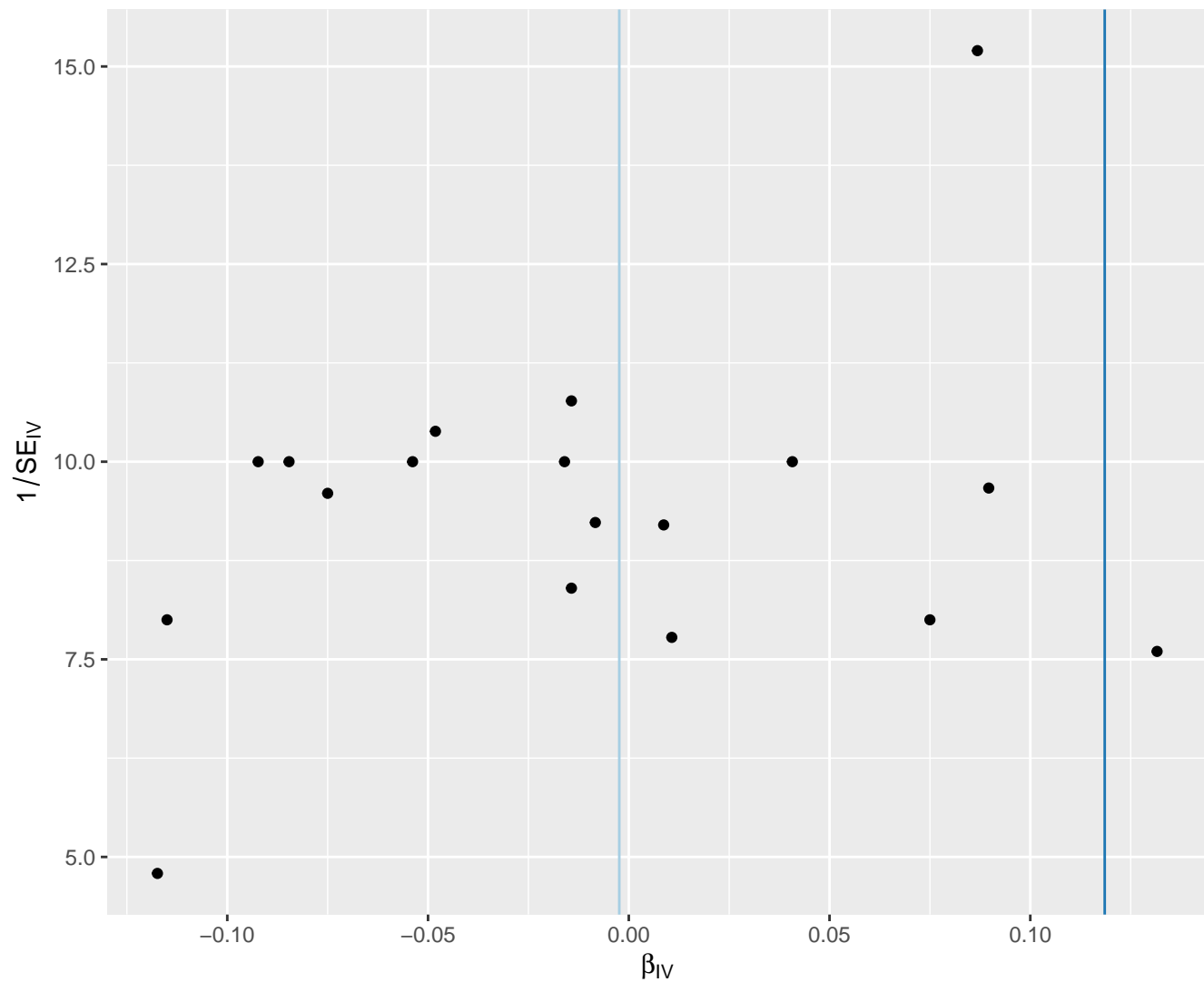
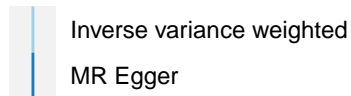
3-carboxy-4-methyl-5-propyl-2-furanpropanoate (CMPF)

MR Method



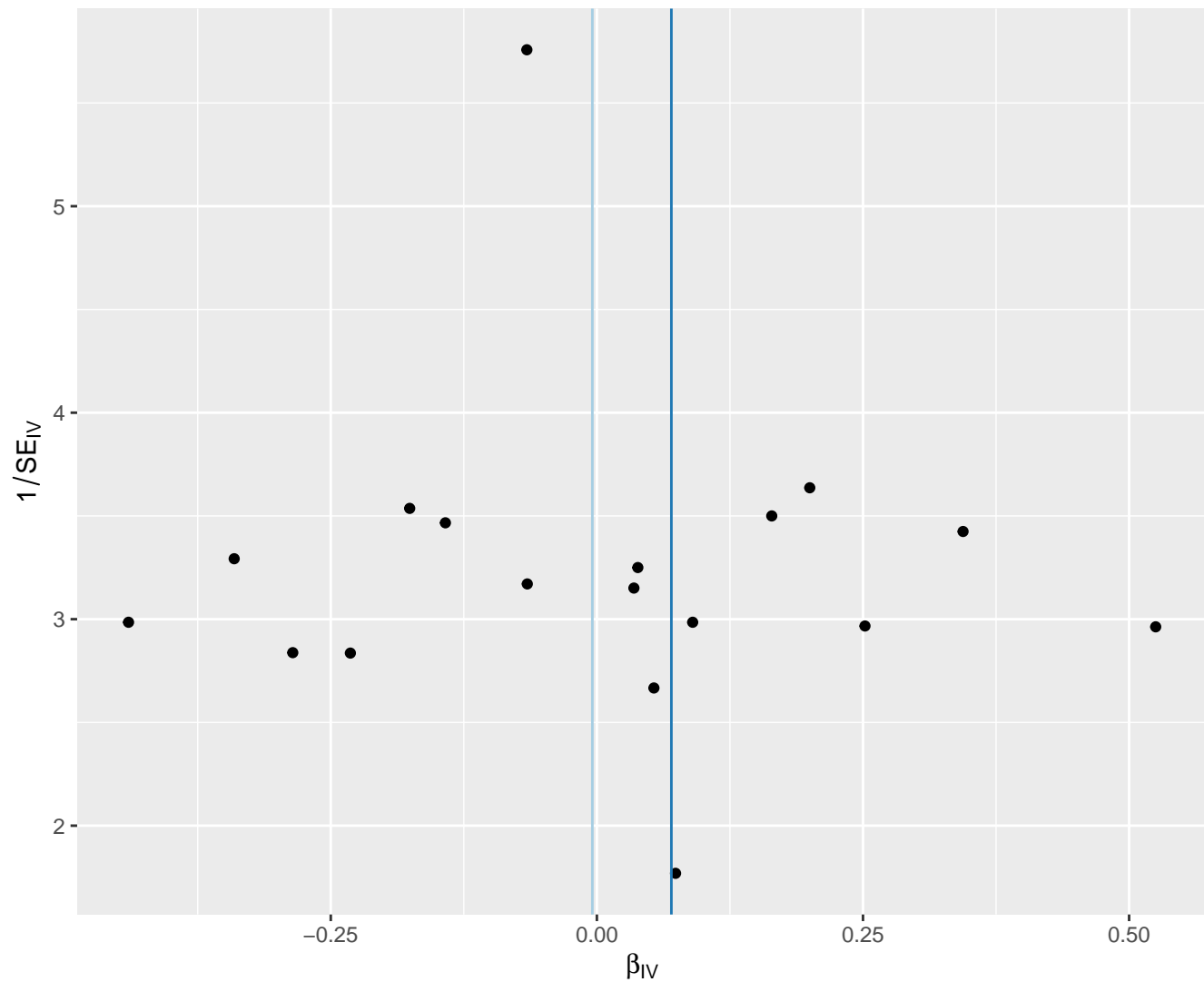
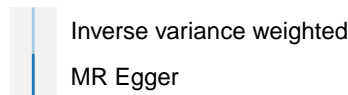
# 3-dehydrocarnitine\*

MR Method



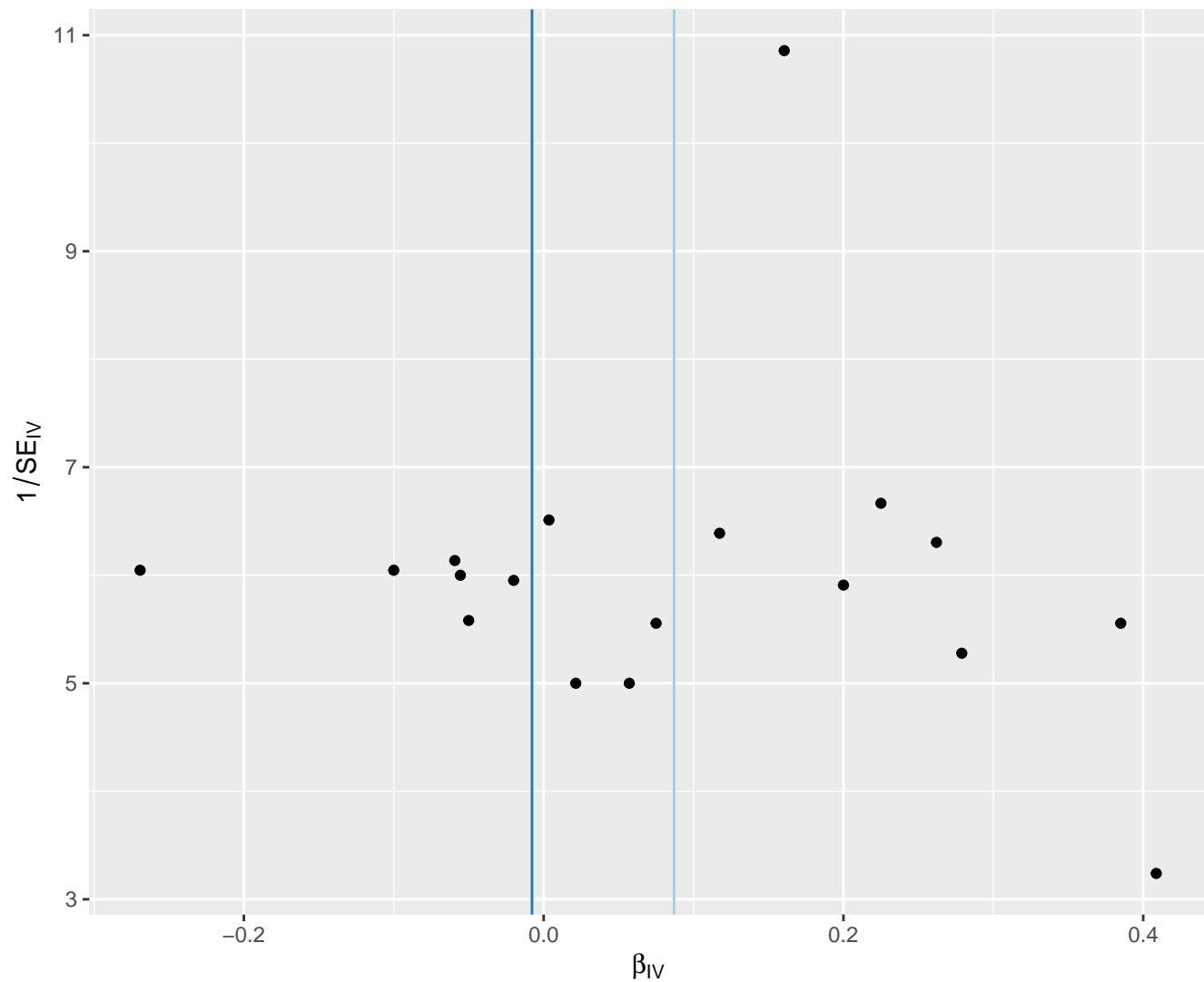
# 3-hydroxybutyrate (BHBA)

MR Method

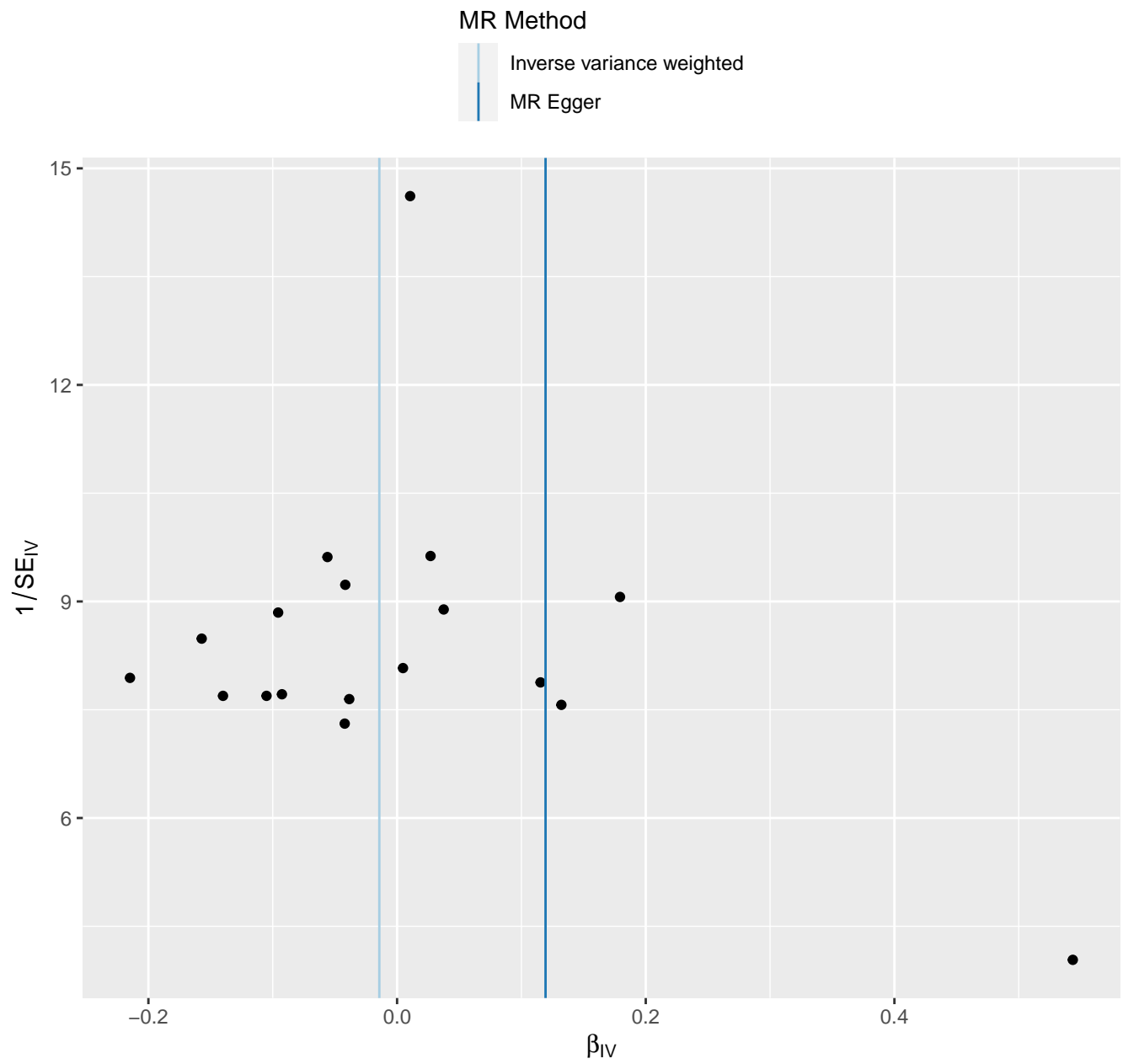


# 3-indoxyl sulfate

MR Method



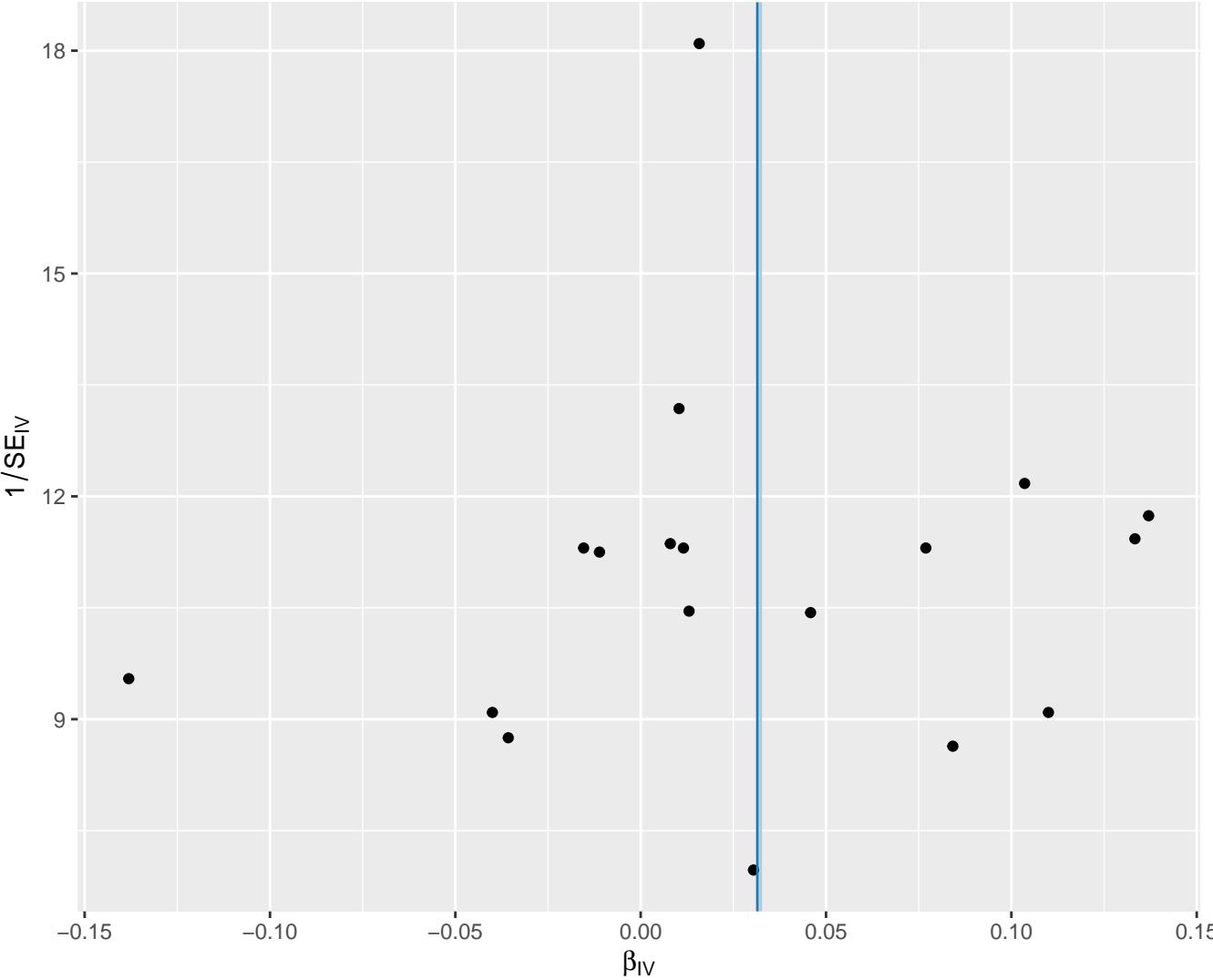
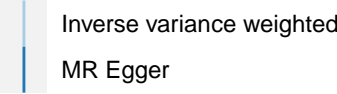
# 3-methoxytyrosine





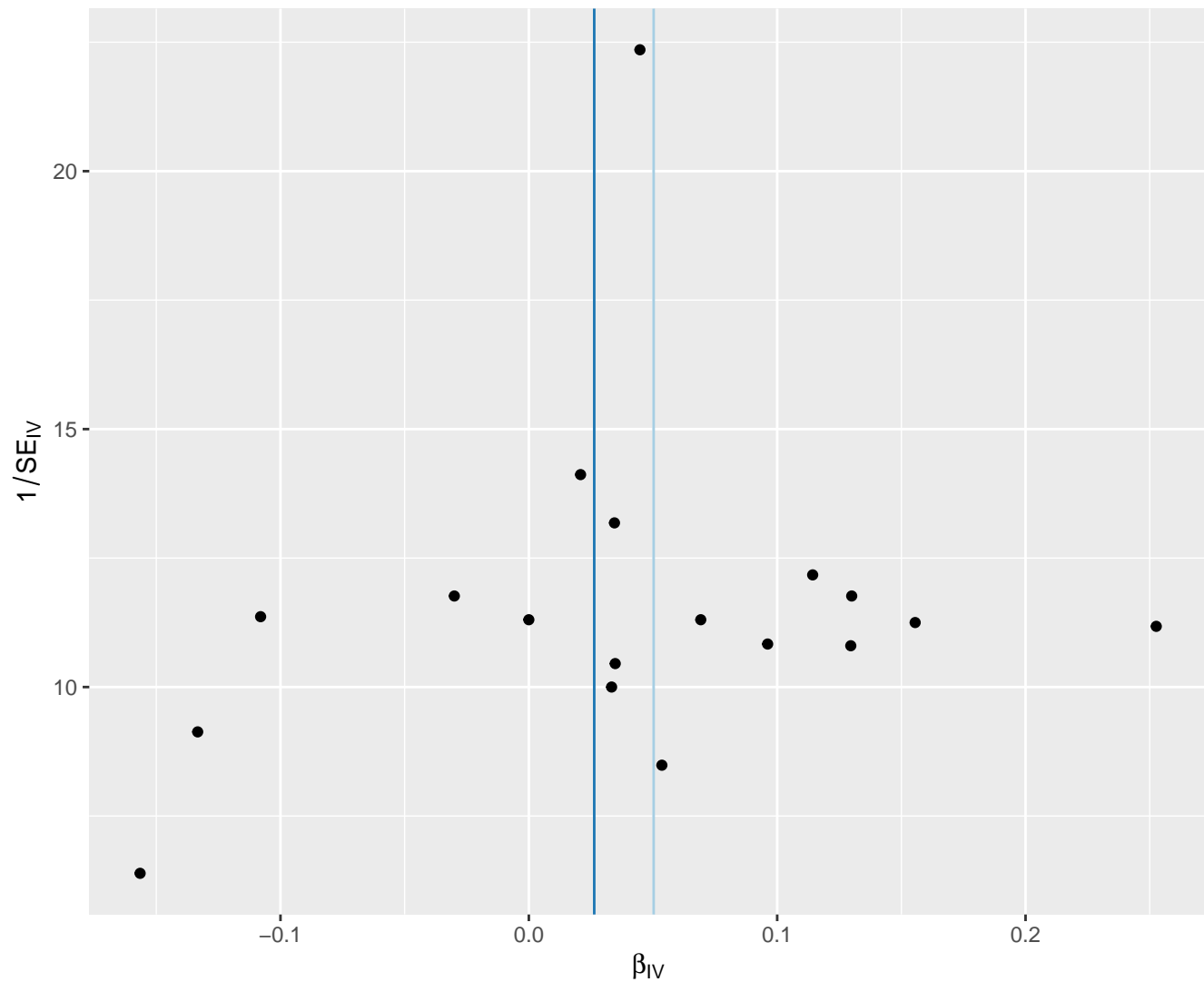
3-methyl-2-oxobutyrate

MR Method



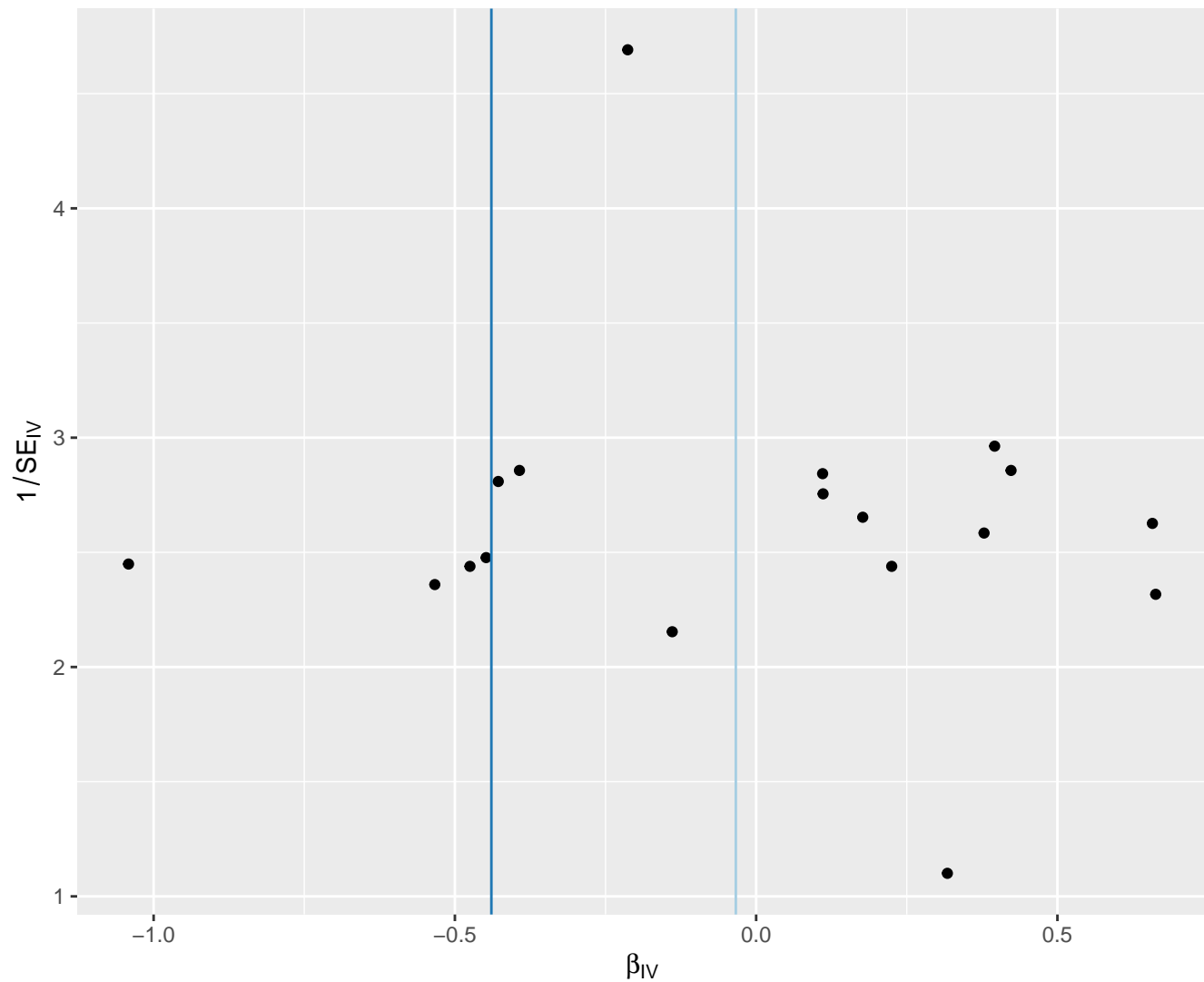
# 3-methyl-2-oxovalerate

MR Method



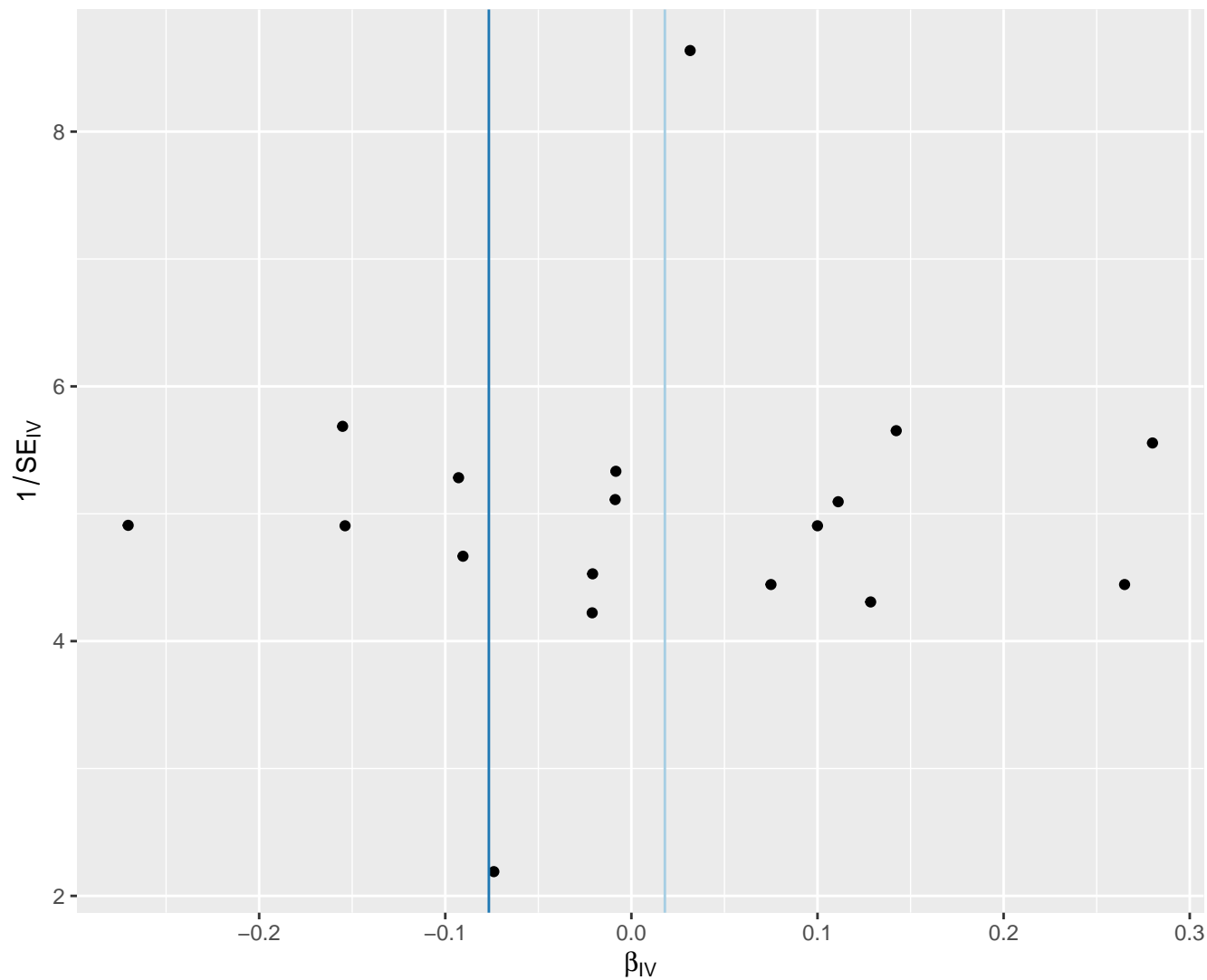
# 3-methylhistidine

MR Method



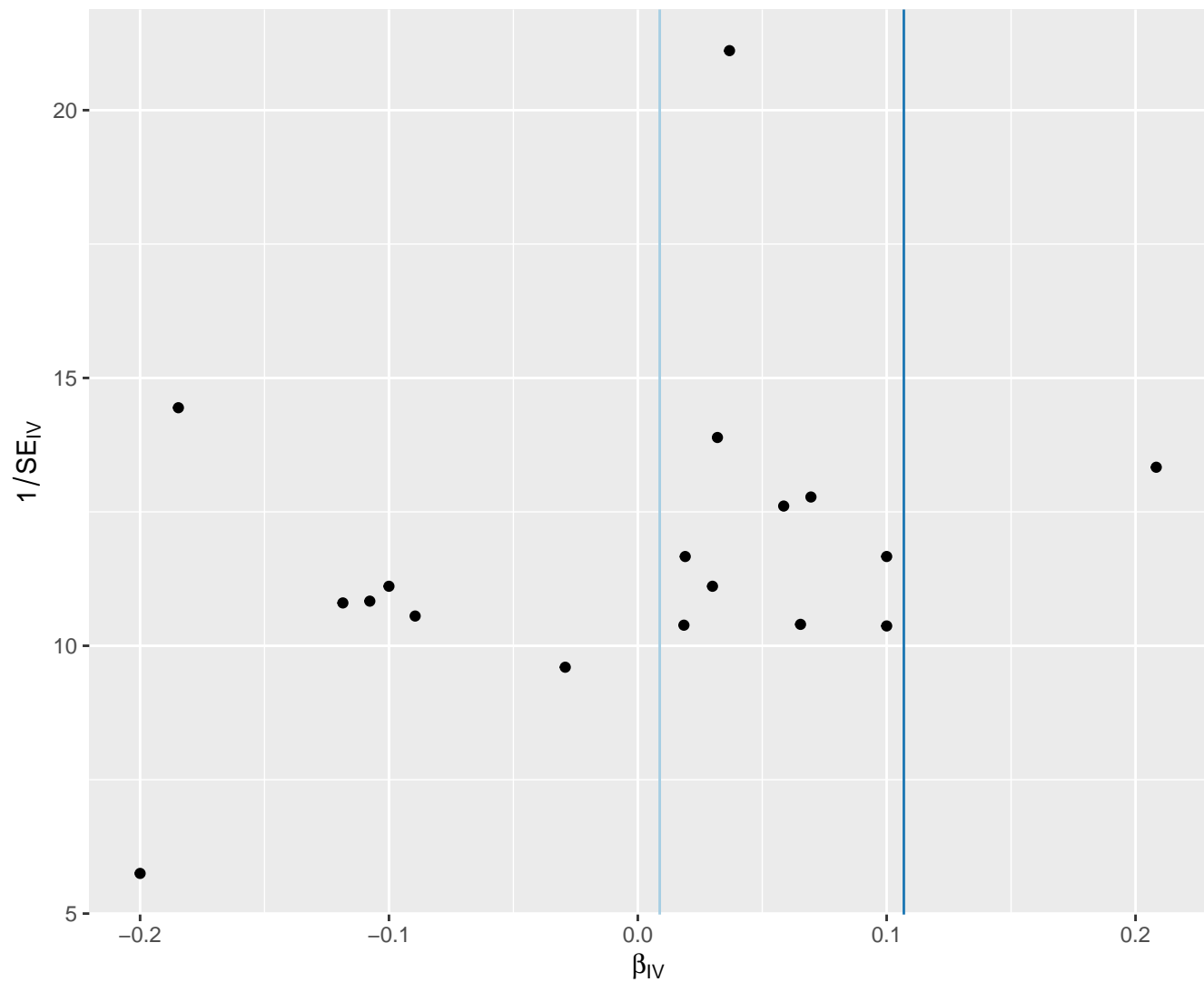
# 3-phenylpropionate (hydrocinnamate)

MR Method



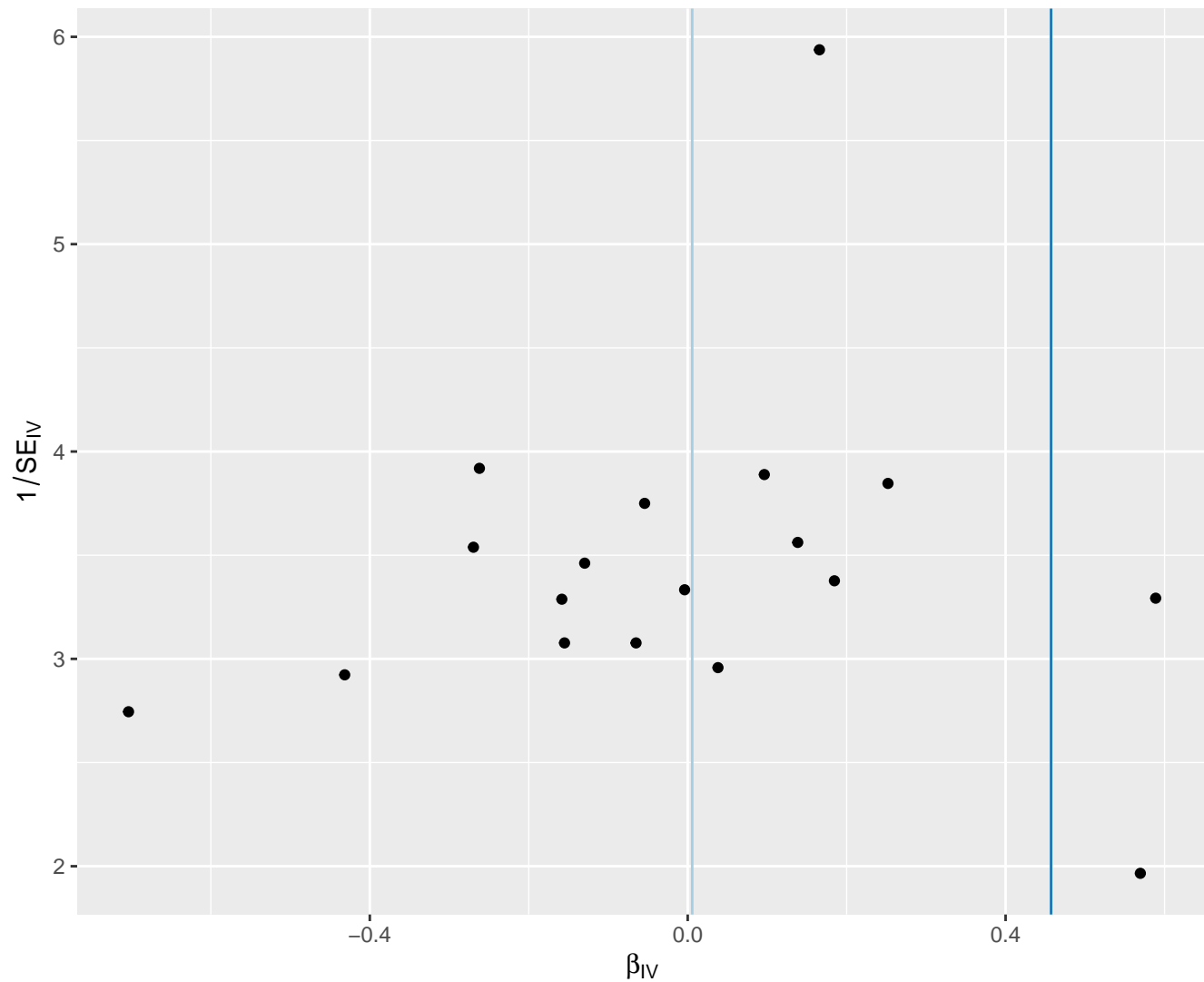
# 4-acetamidobutanoate

MR Method



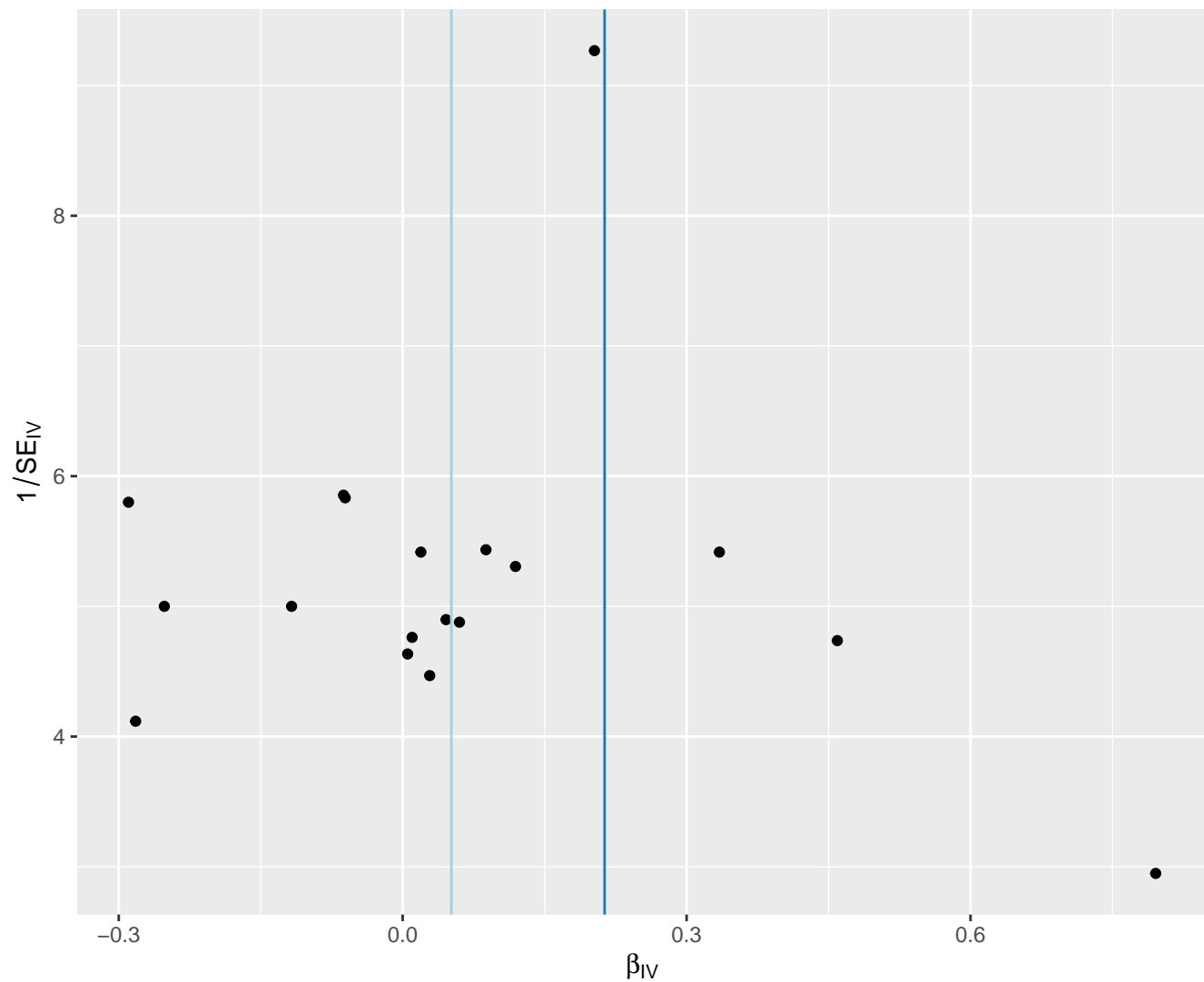
# 4-androsten-3beta,17beta-diol disulfate 1\*

MR Method



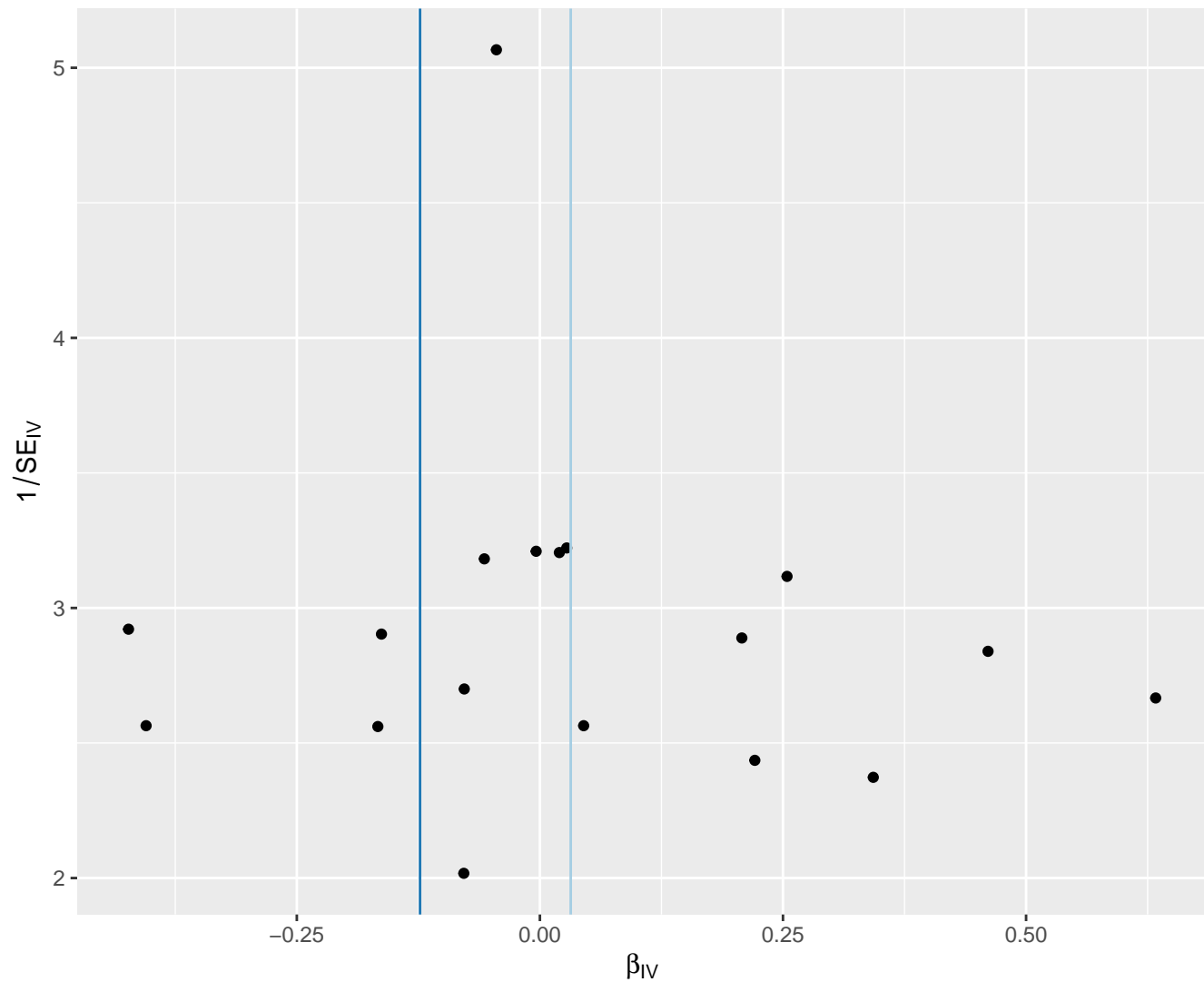
# 4-androsten-3beta,17beta-diol disulfate 2\*

MR Method



# 4-hydroxyhippurate

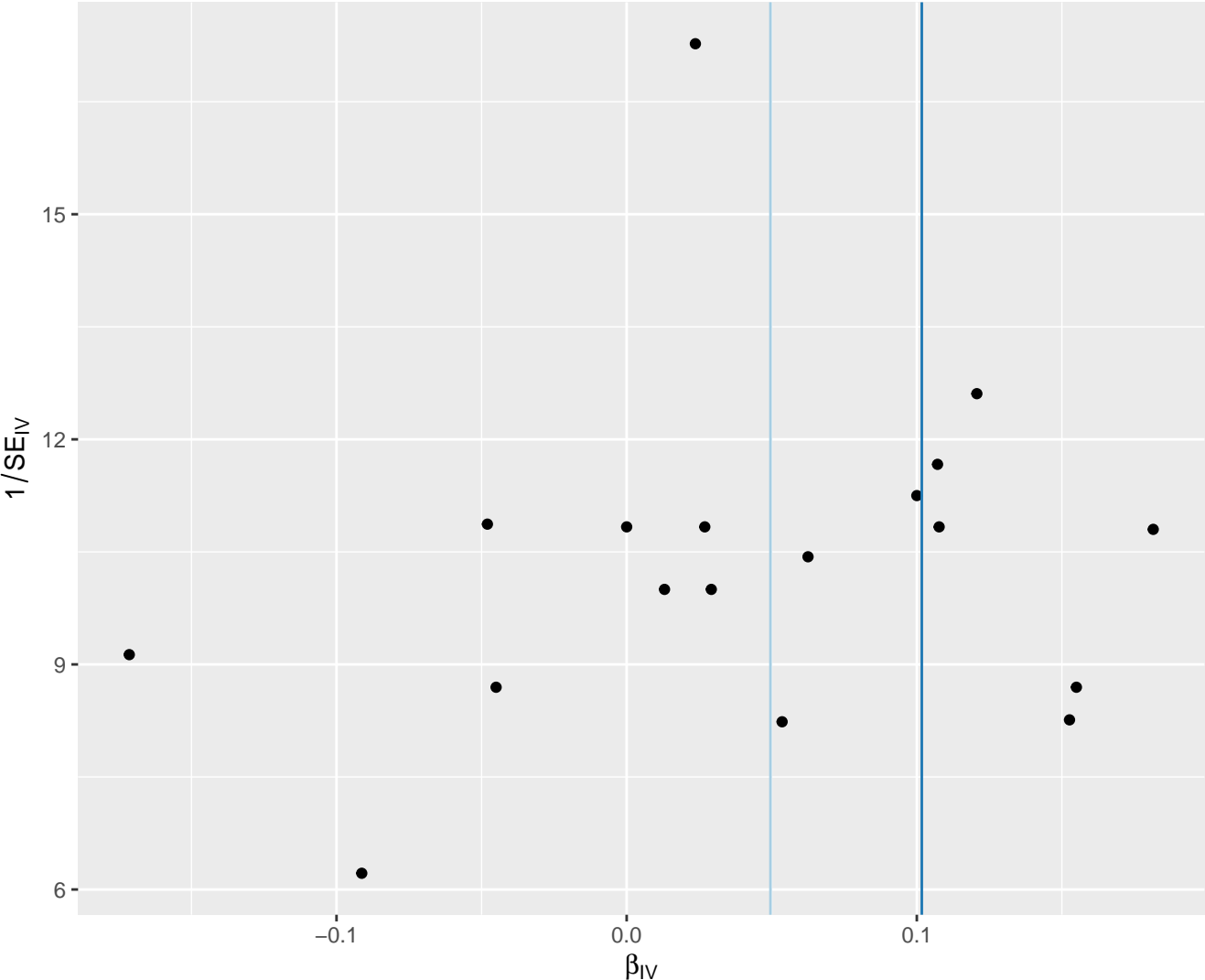
MR Method





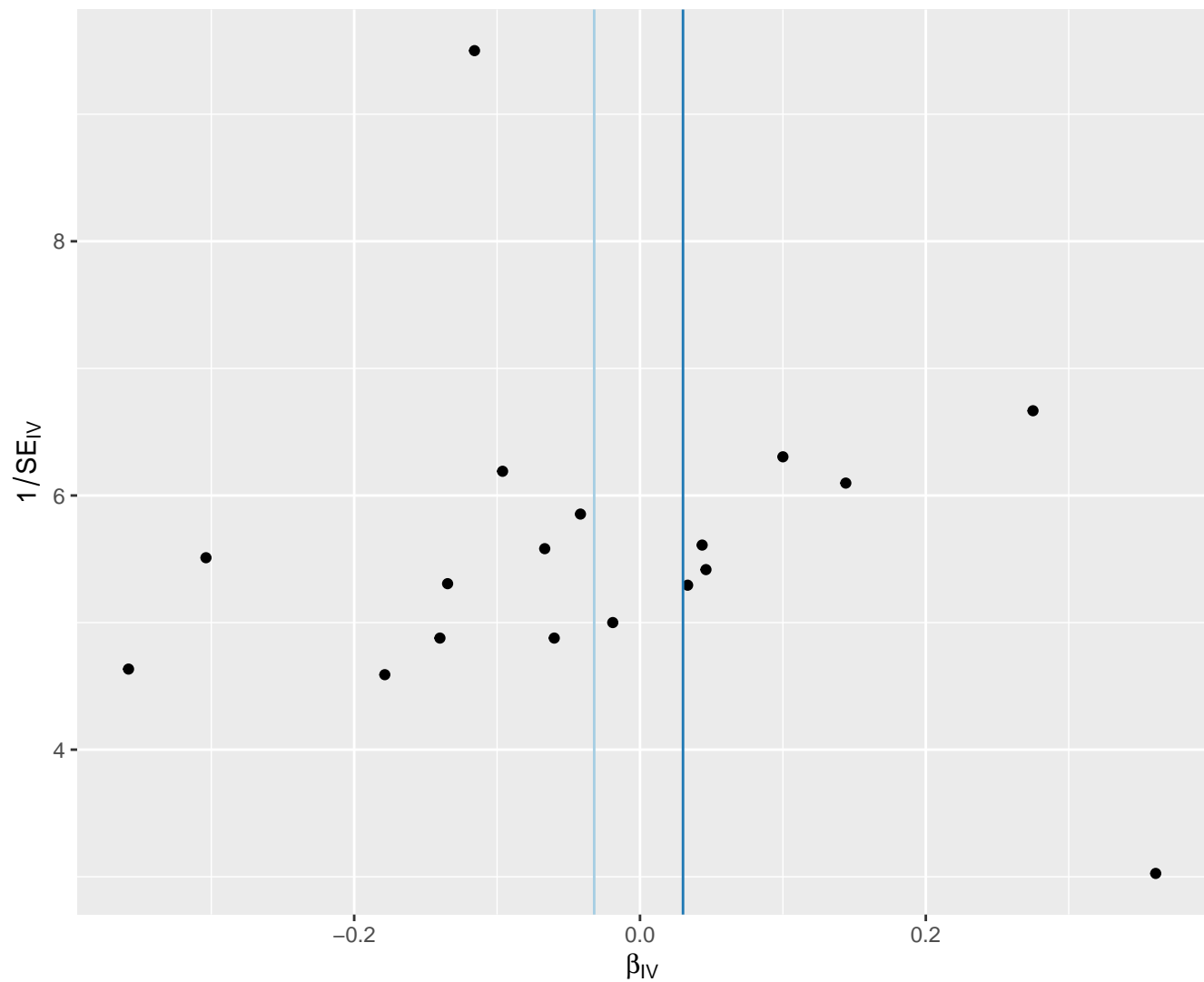
4-methyl-2-oxopentanoate

MR Method



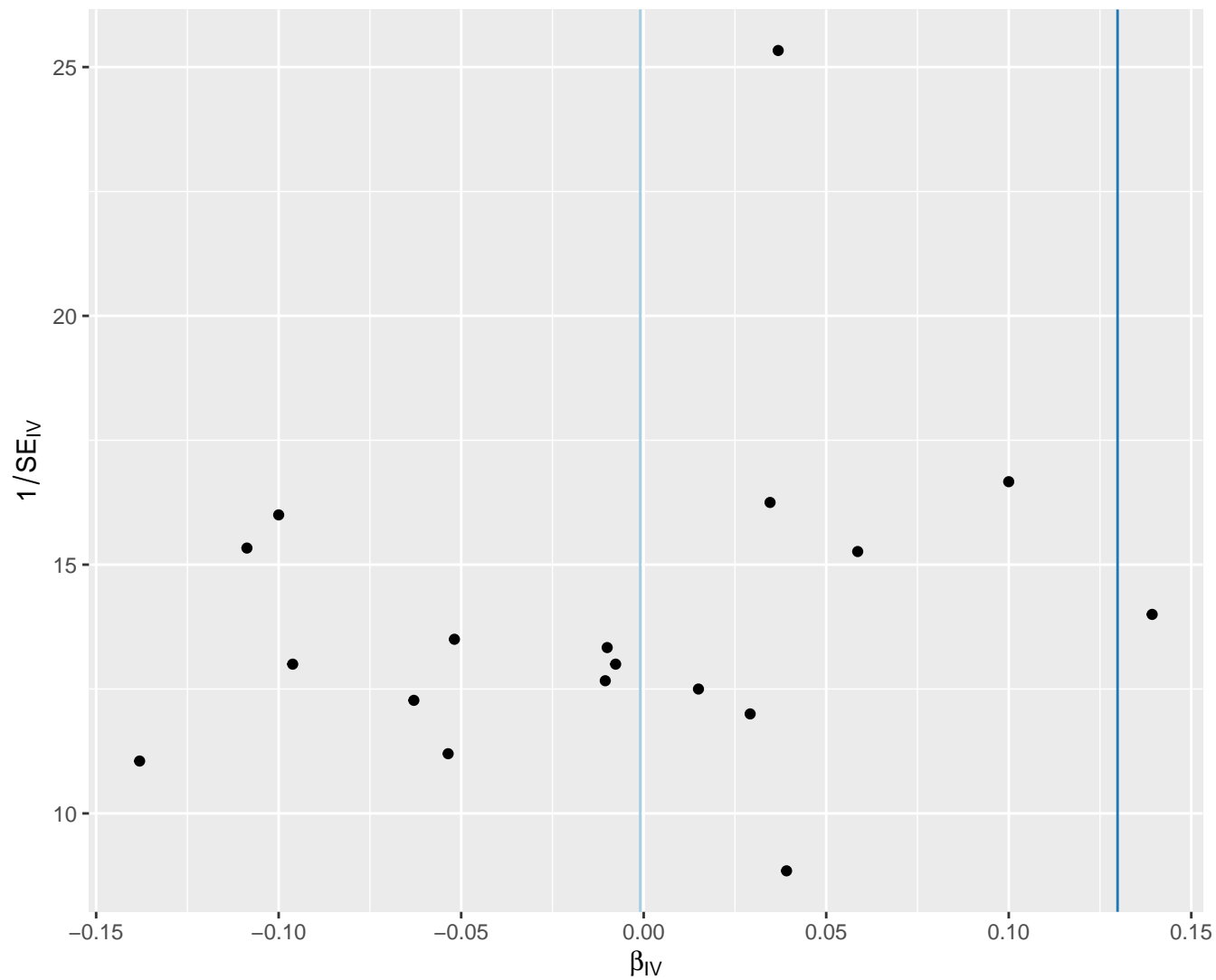
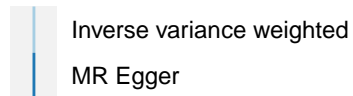
# 5-dodecenoate (12:1n7)

MR Method



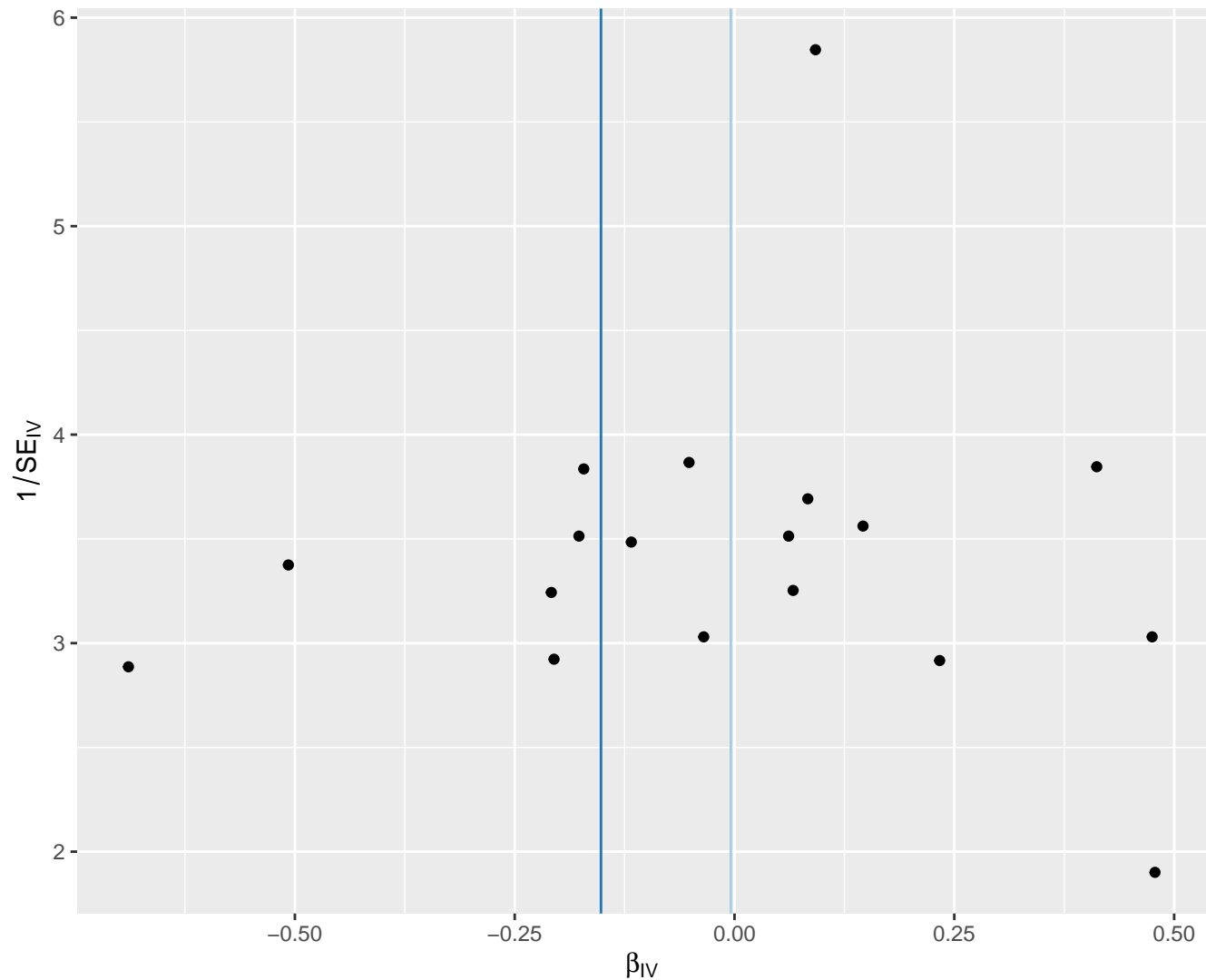
# 5-oxoproline

MR Method



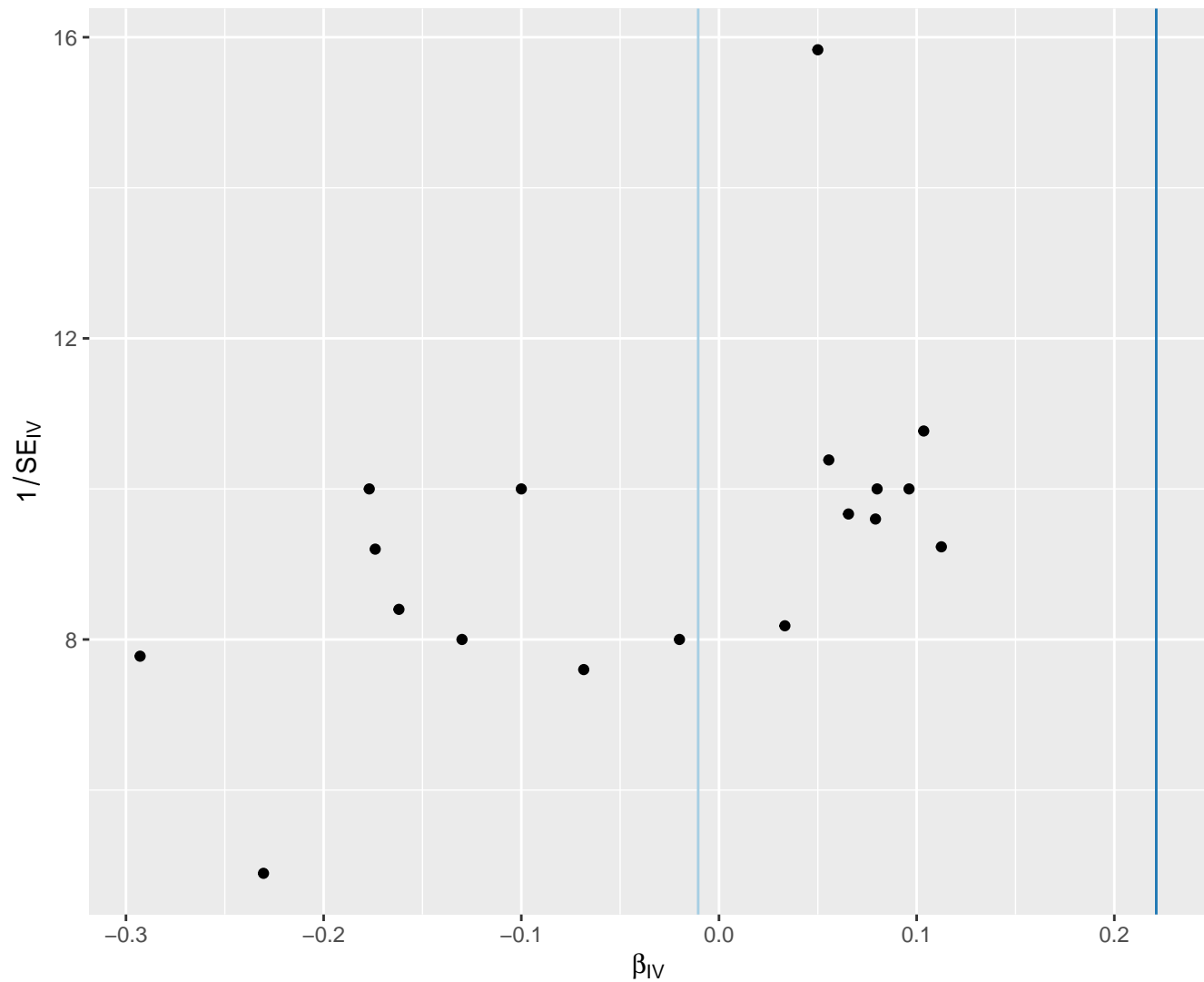
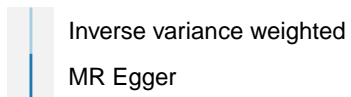
5alpha-androstan-3beta,17beta-diol disulfate

MR Method

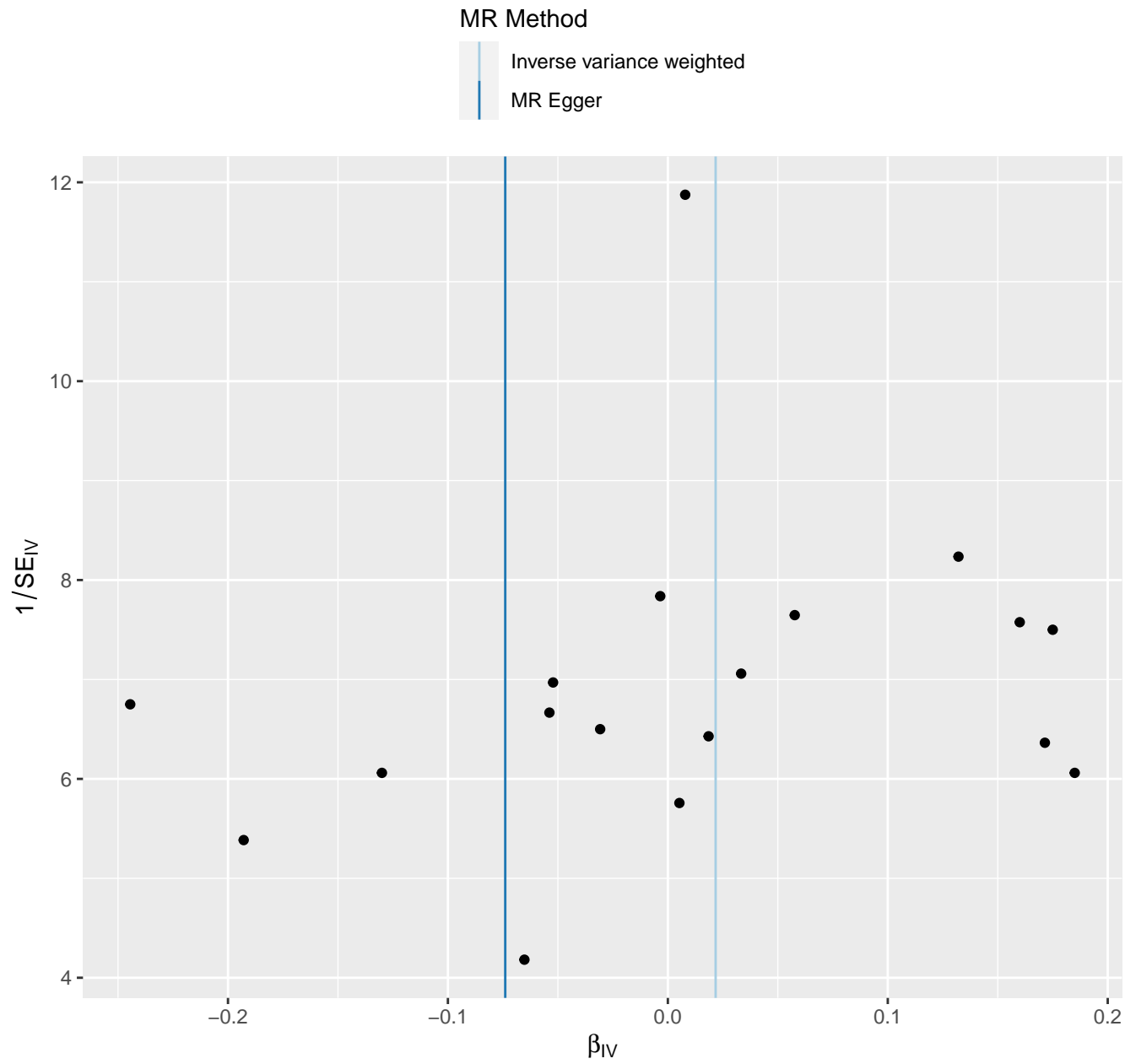


# 7- $\alpha$ -hydroxy-3-oxo-4-cholestenoate (7-Hoca)

MR Method

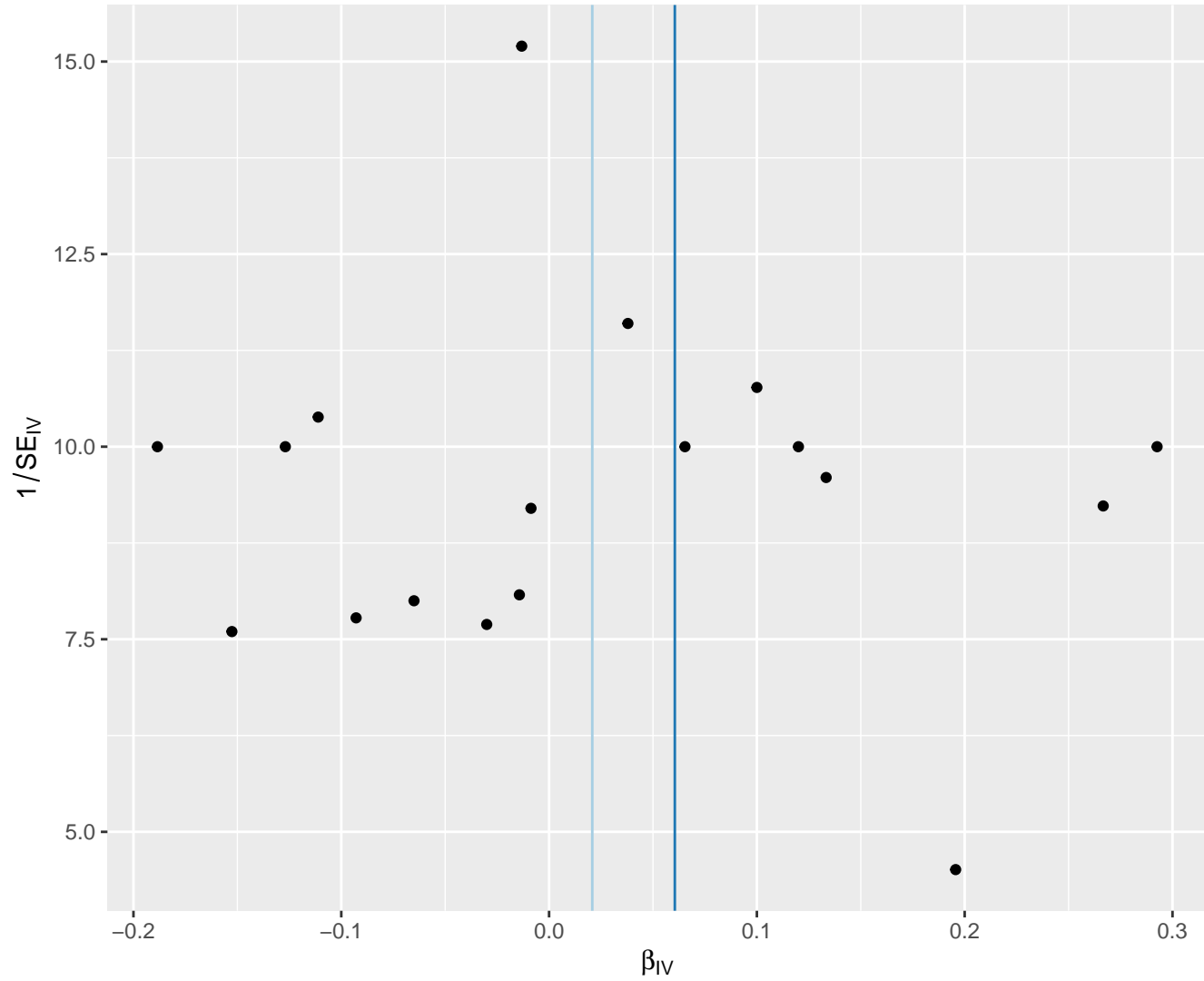
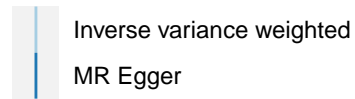


# 7-methylguanine



# Acetylcarnitine

MR Method



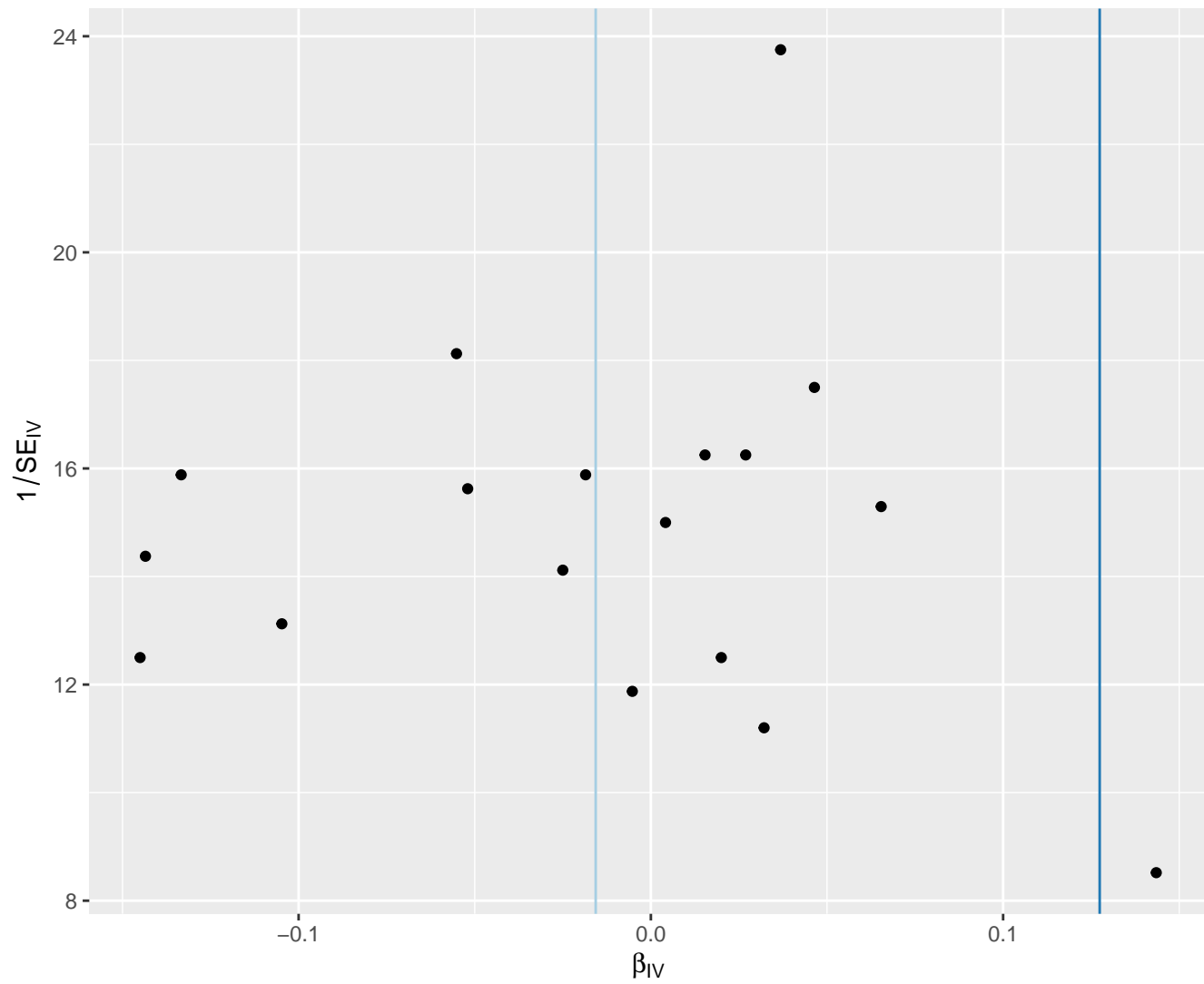
# Acetylphosphate

MR Method



Inverse variance weighted

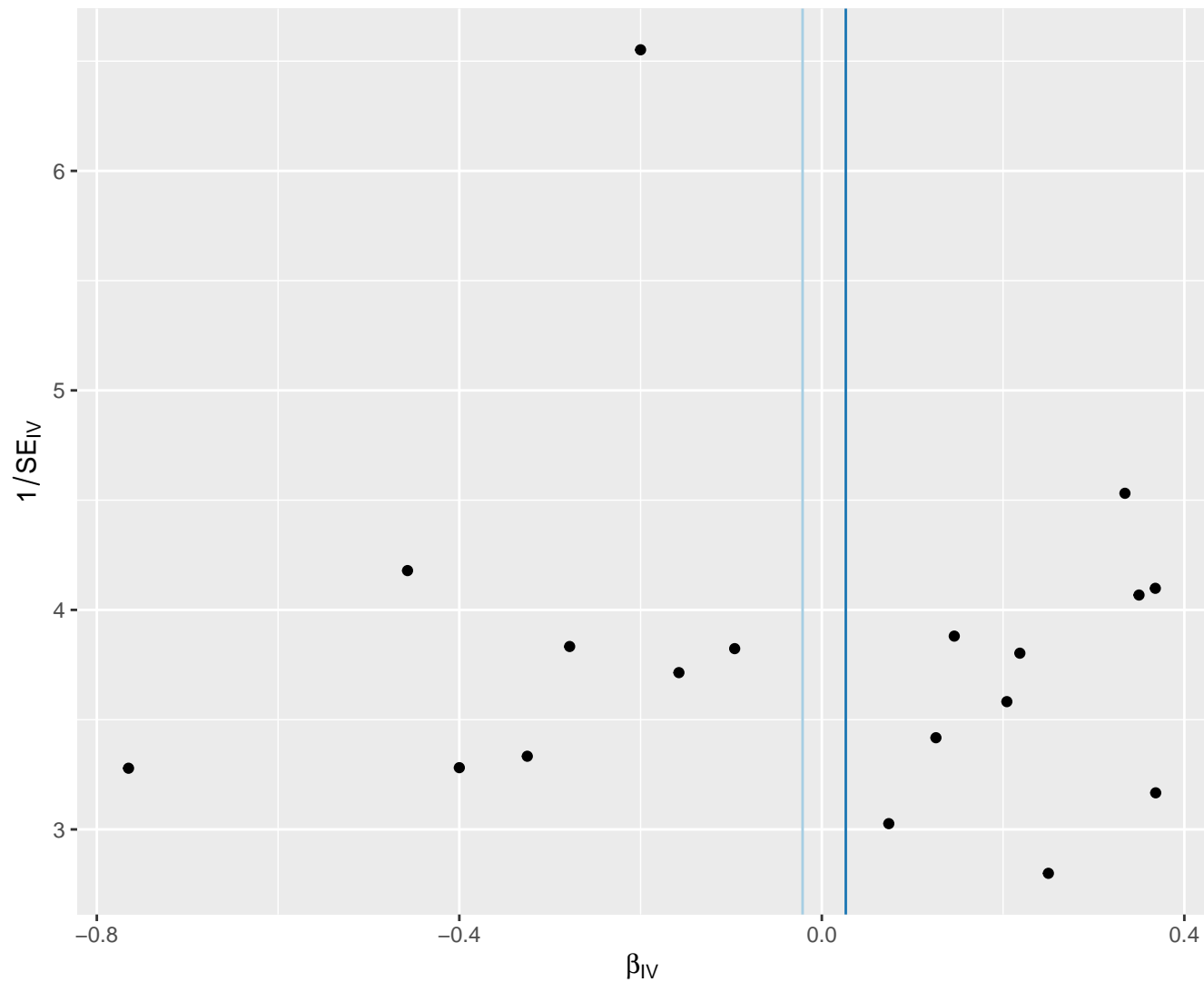
MR Egger





ADpSGEGDFXAEggGVR\*

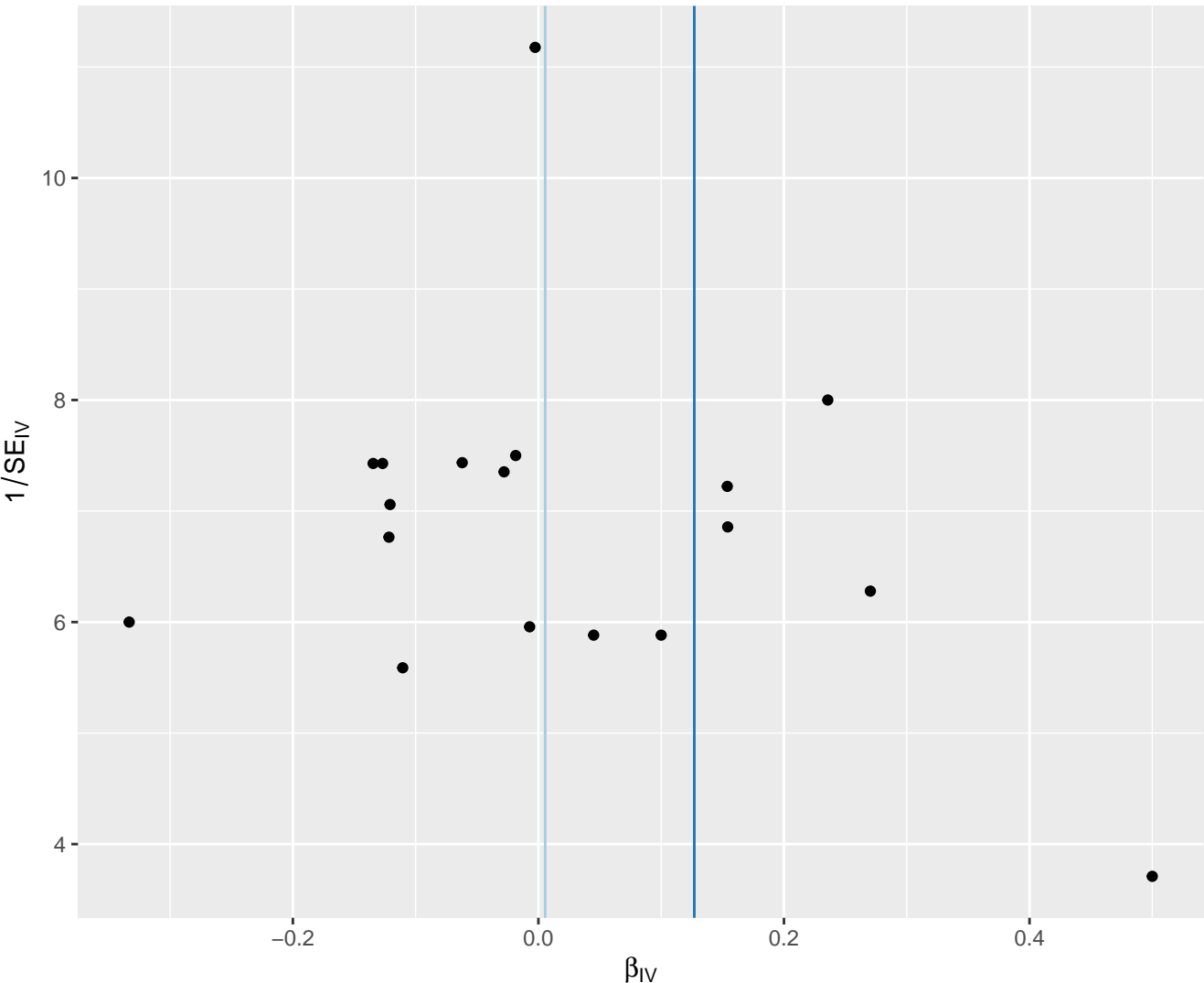
MR Method



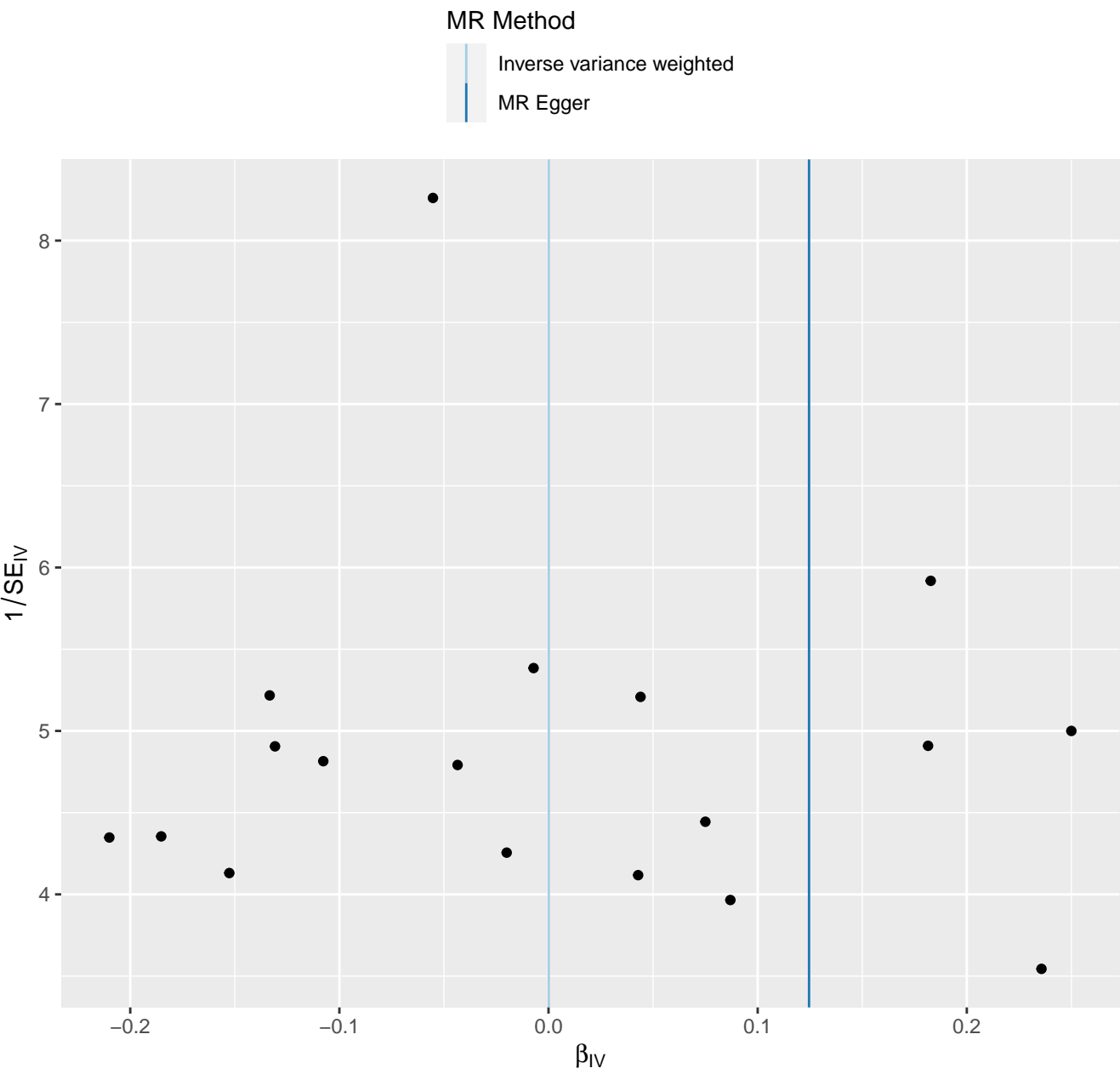
Adrenate (22:4n6)

MR Method

- Inverse variance weighted
- MR Egger



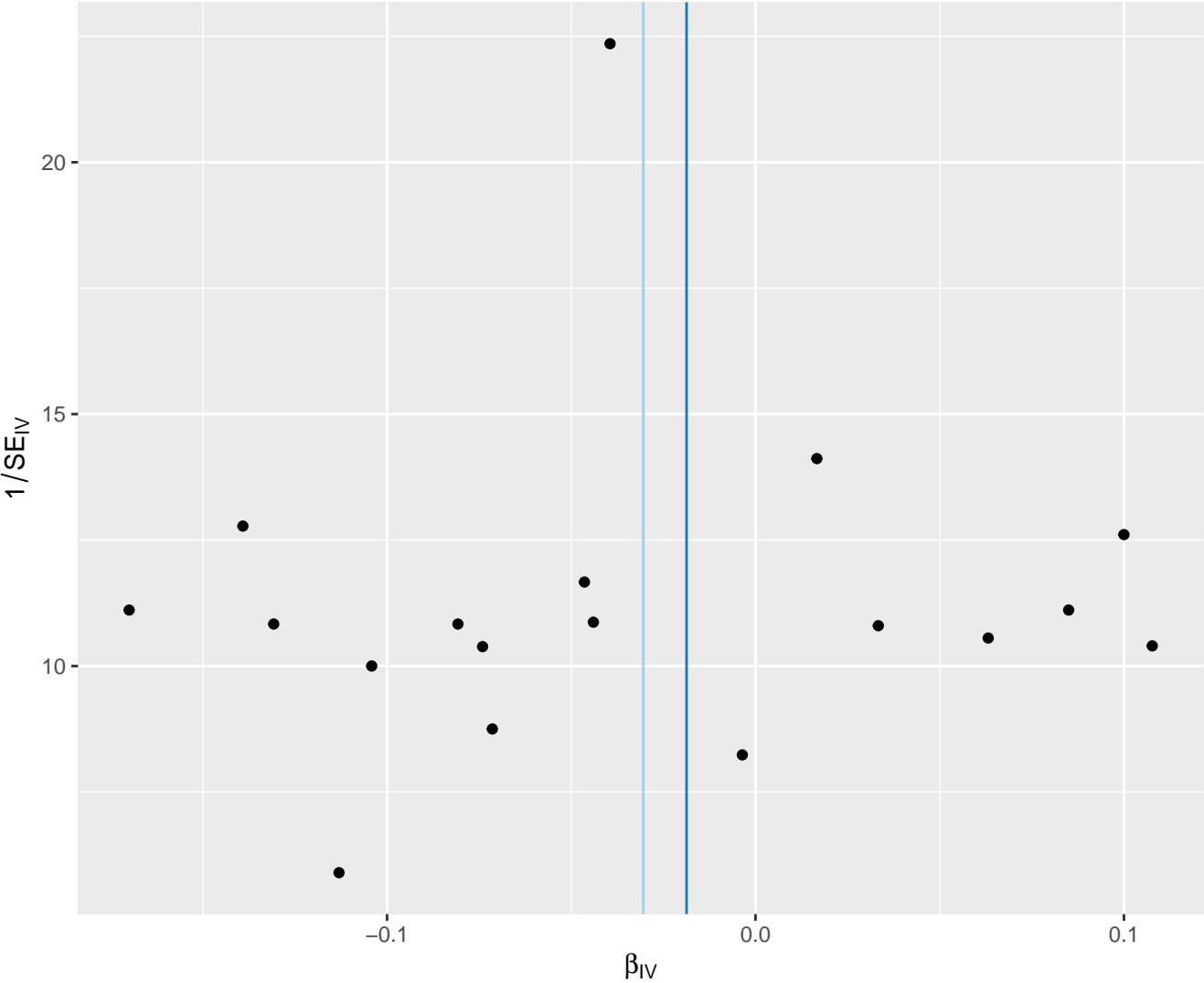
ADSGEGDFXAEAGGVVR\*



# Alanine

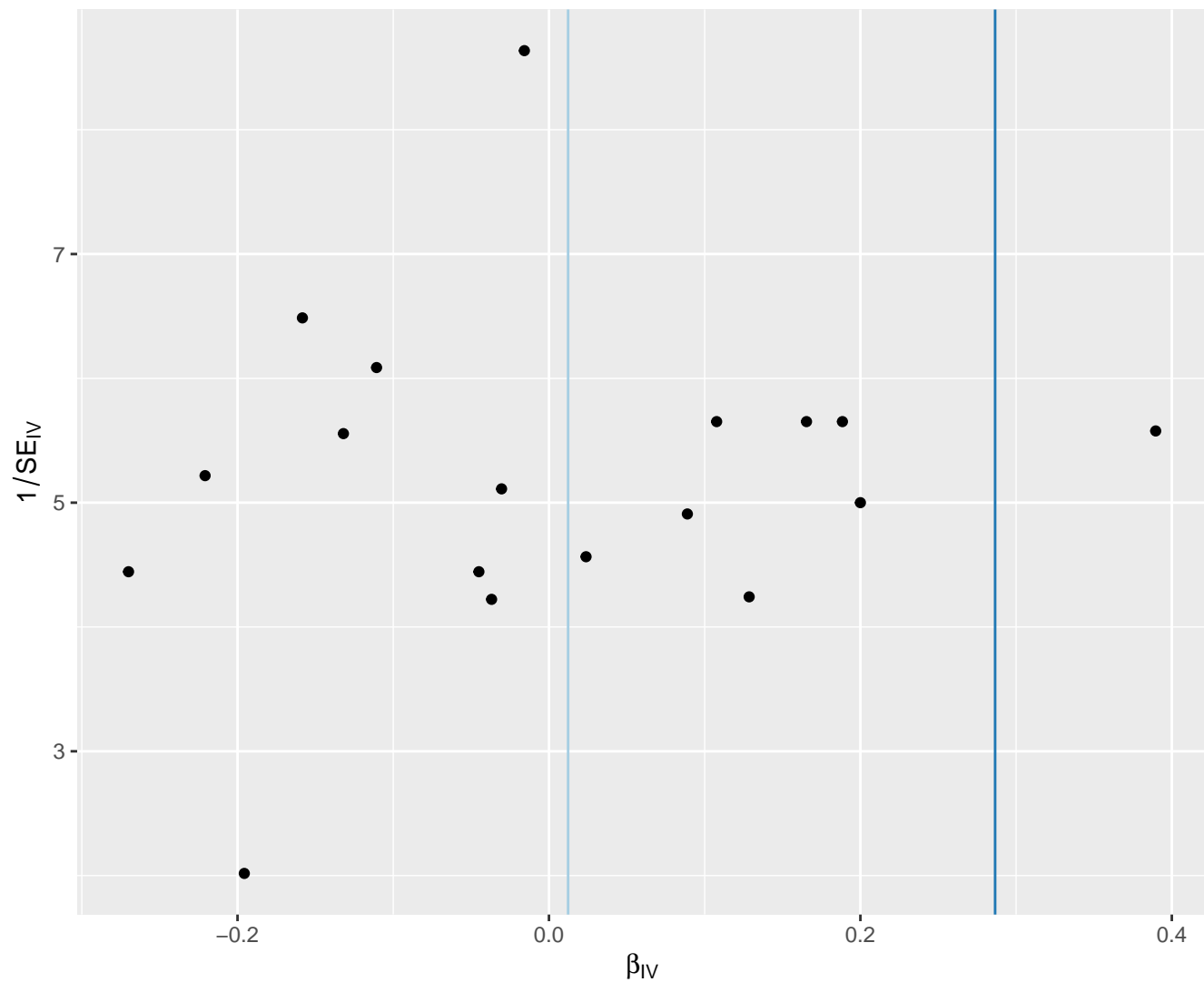
MR Method

- Inverse variance weighted
- MR Egger



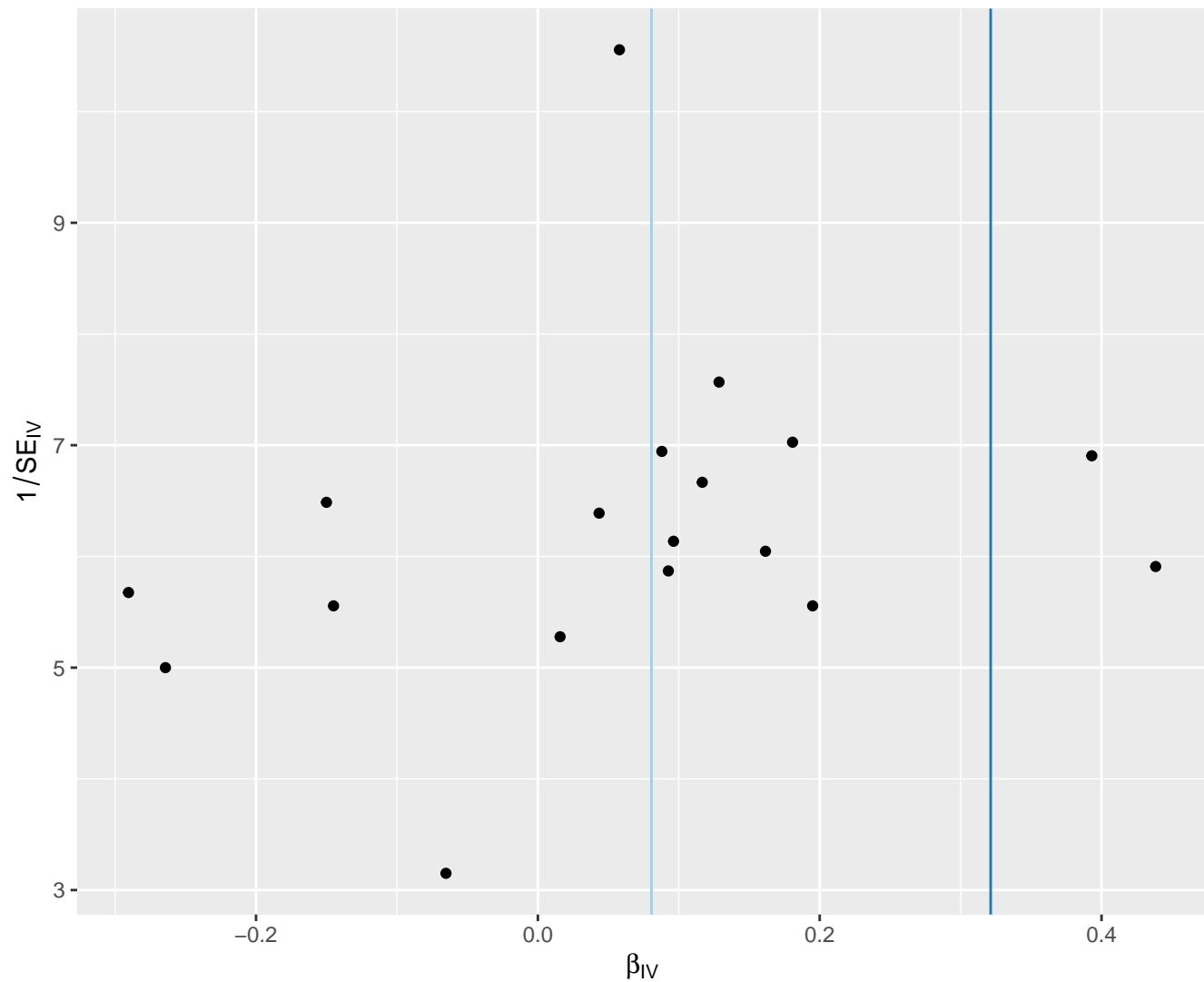
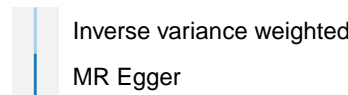
# Allantoin

MR Method



# Alpha-hydroxyisovalerate

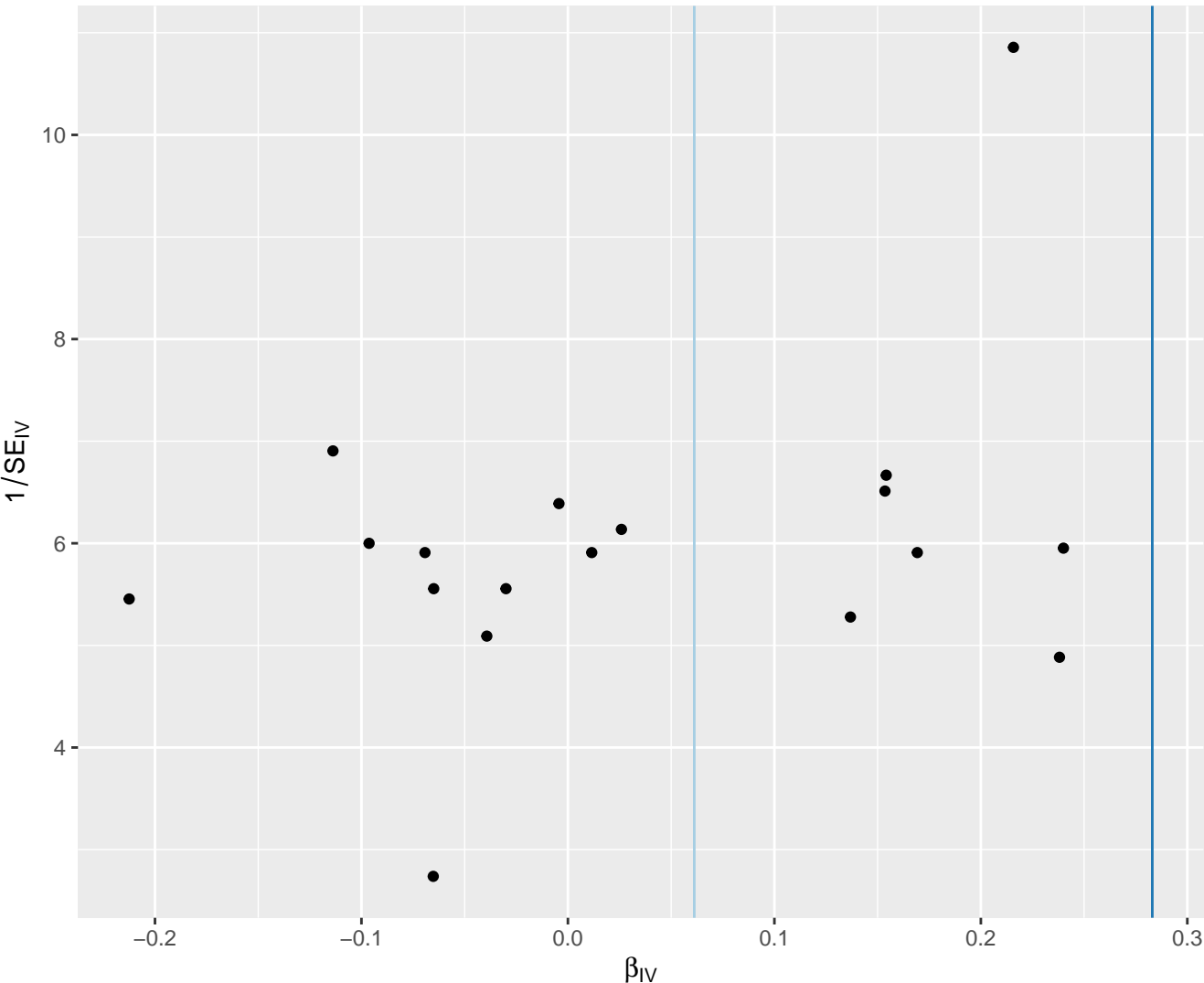
MR Method



# Alpha-ketoglutarate

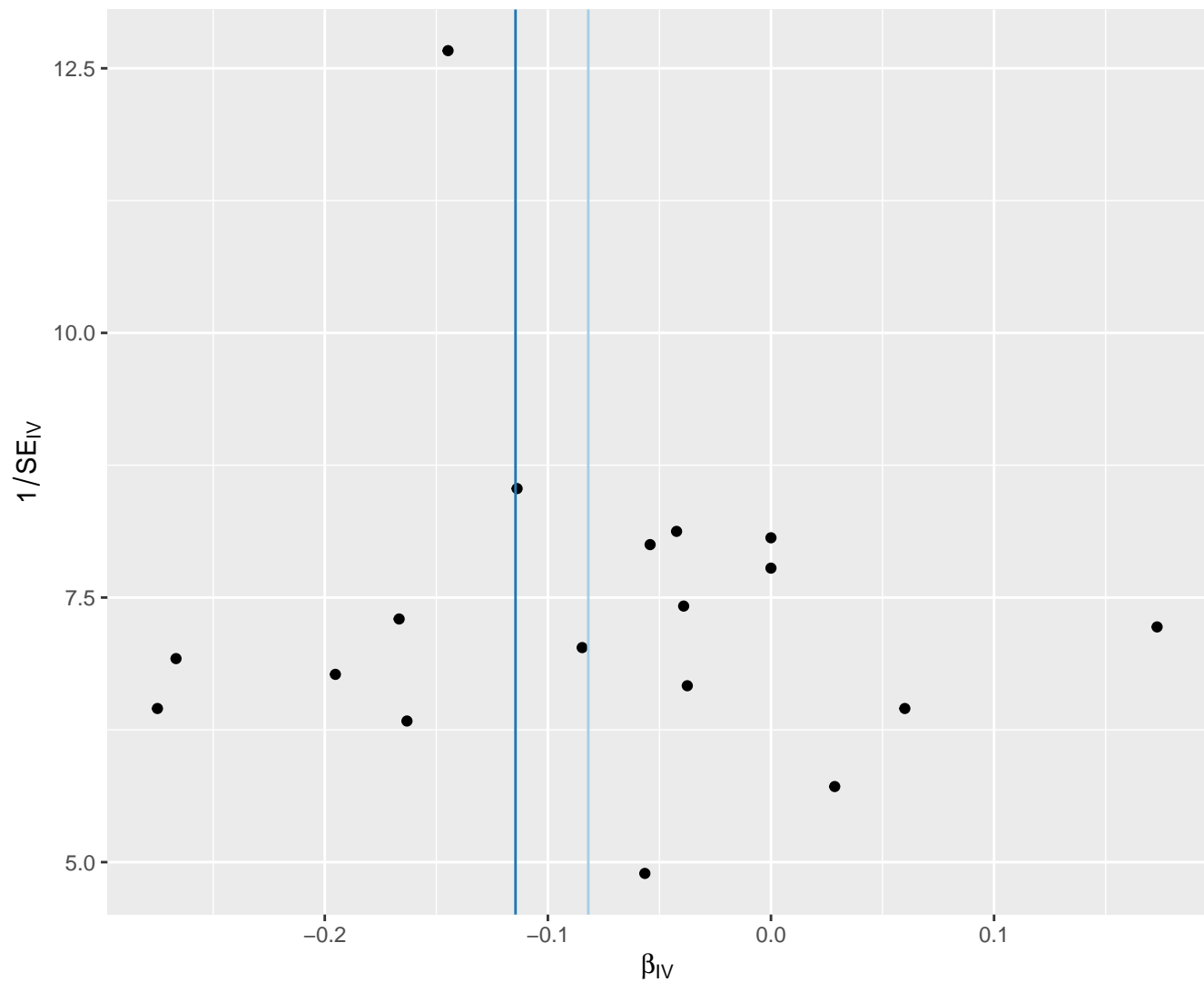
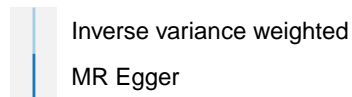
MR Method

- Inverse variance weighted
- MR Egger



# Alpha-tocopherol

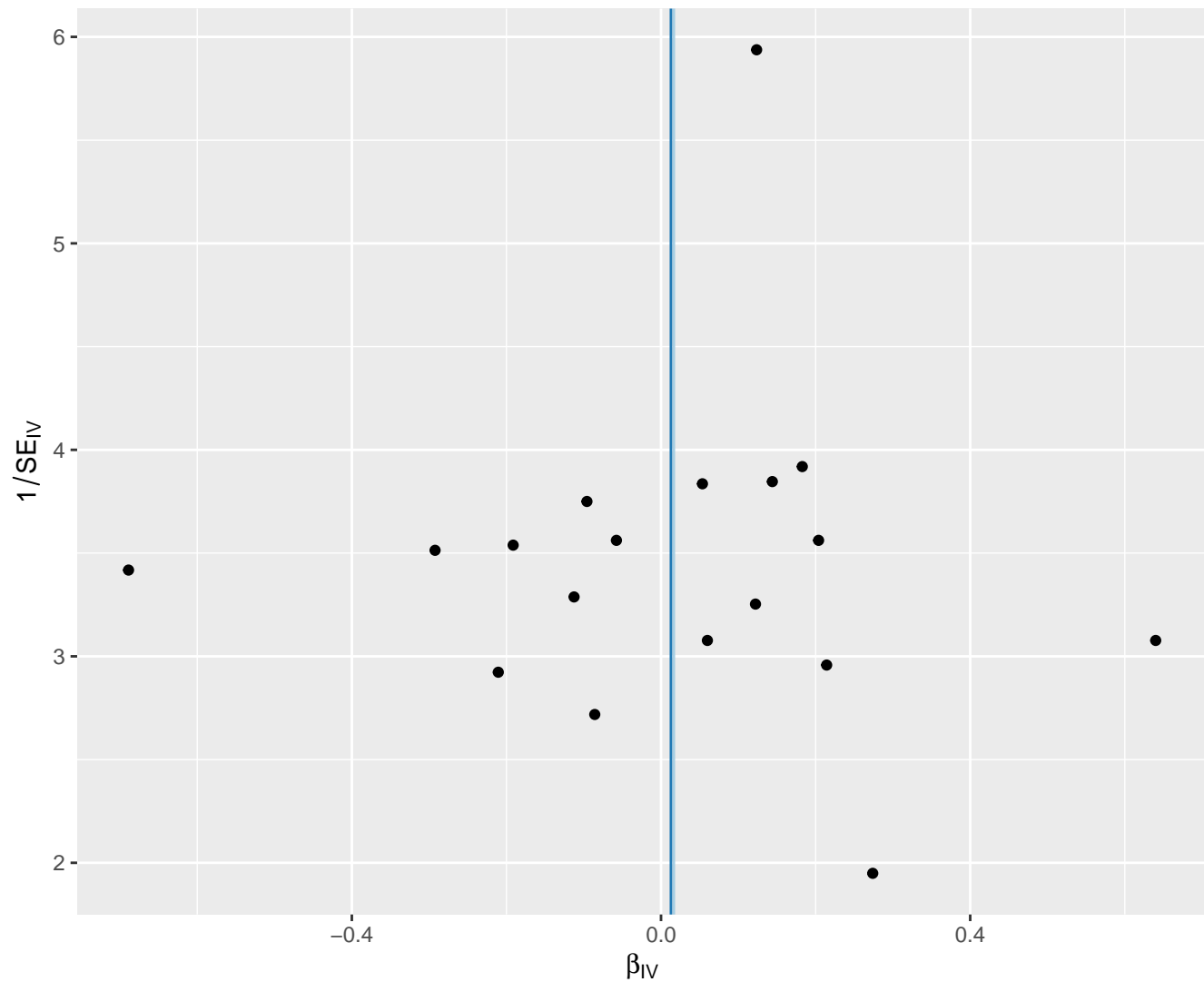
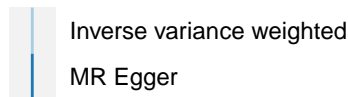
MR Method





# Androsterone sulfate

MR Method



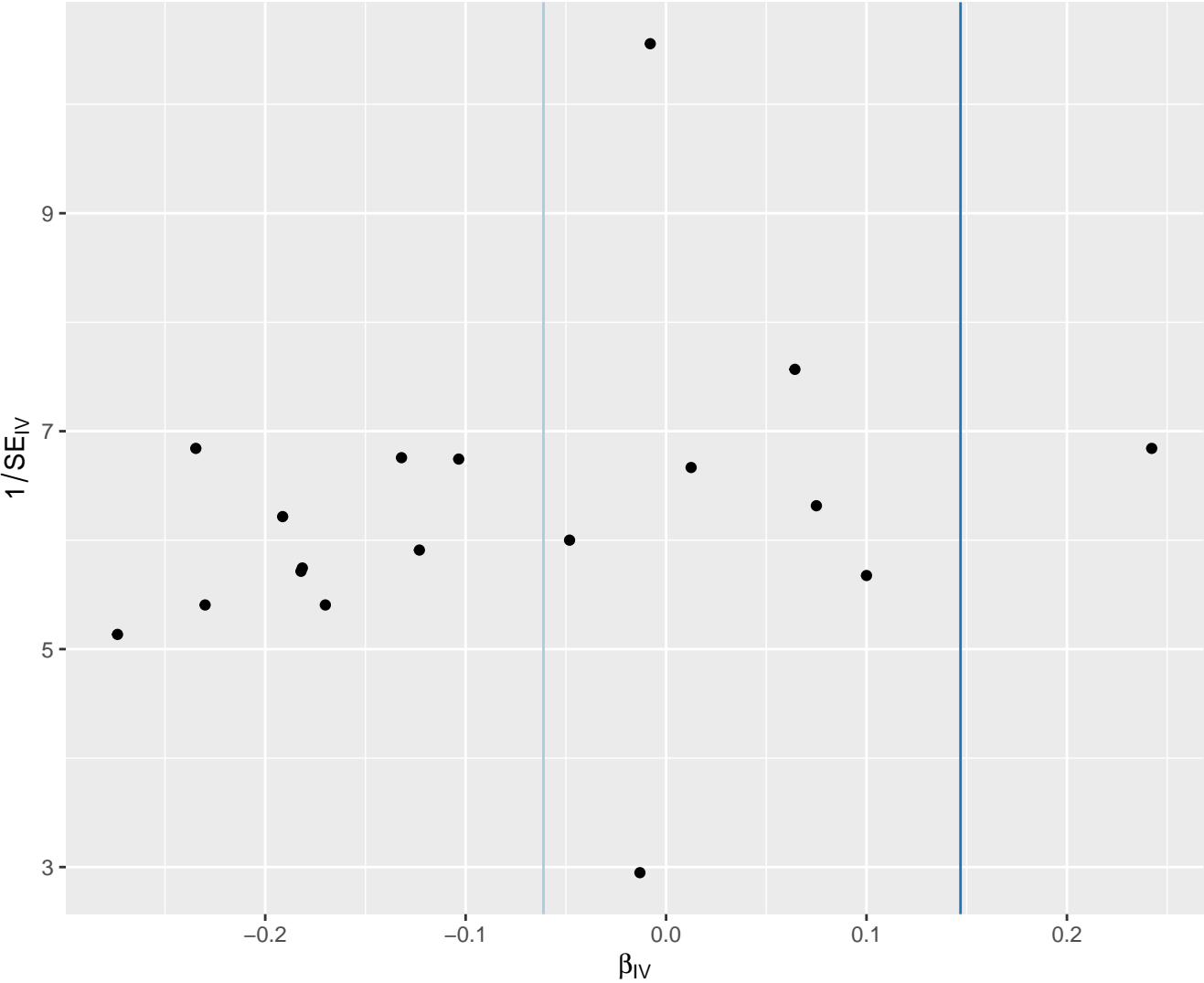
# Arabinose

MR Method

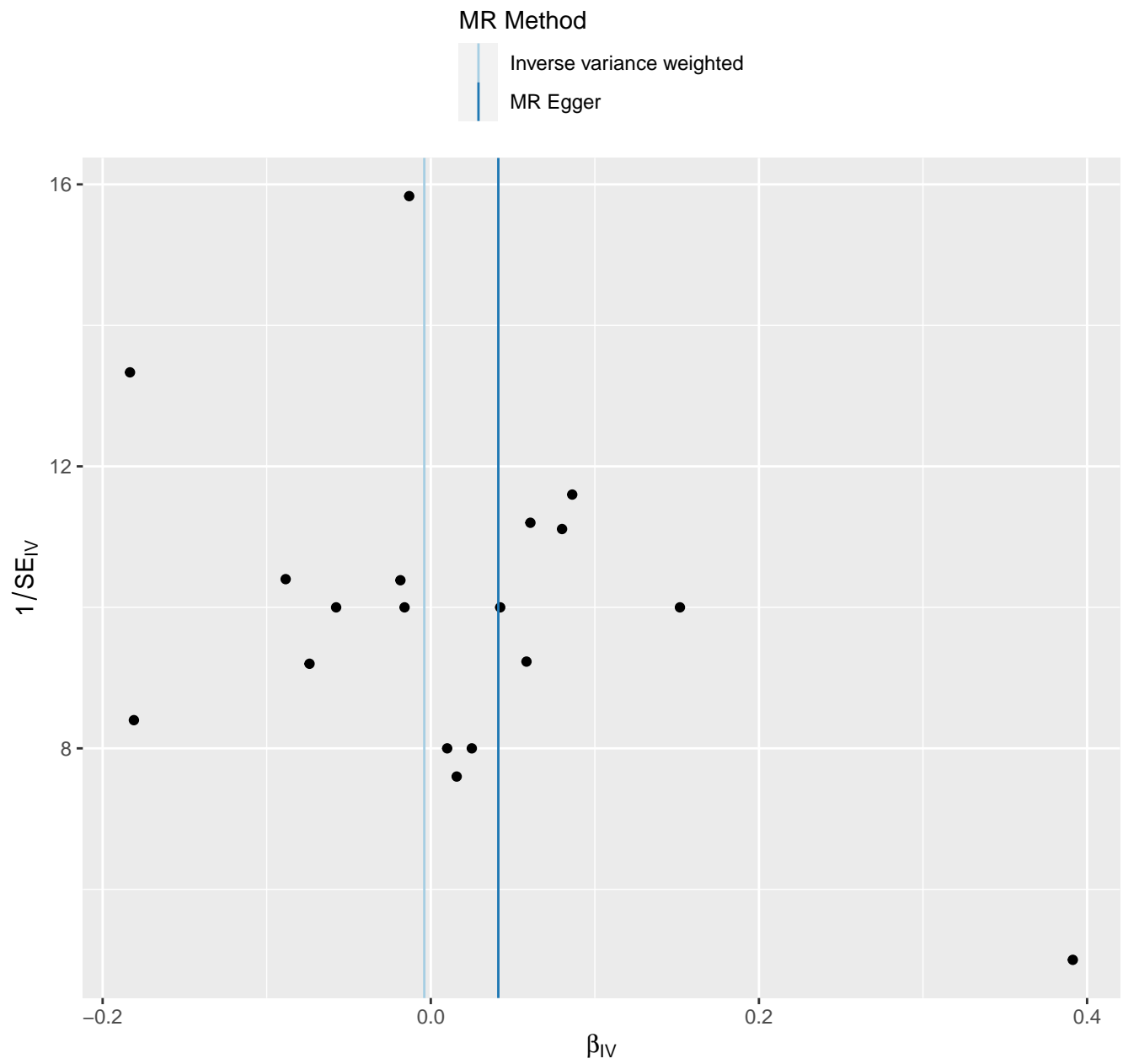


Inverse variance weighted

MR Egger

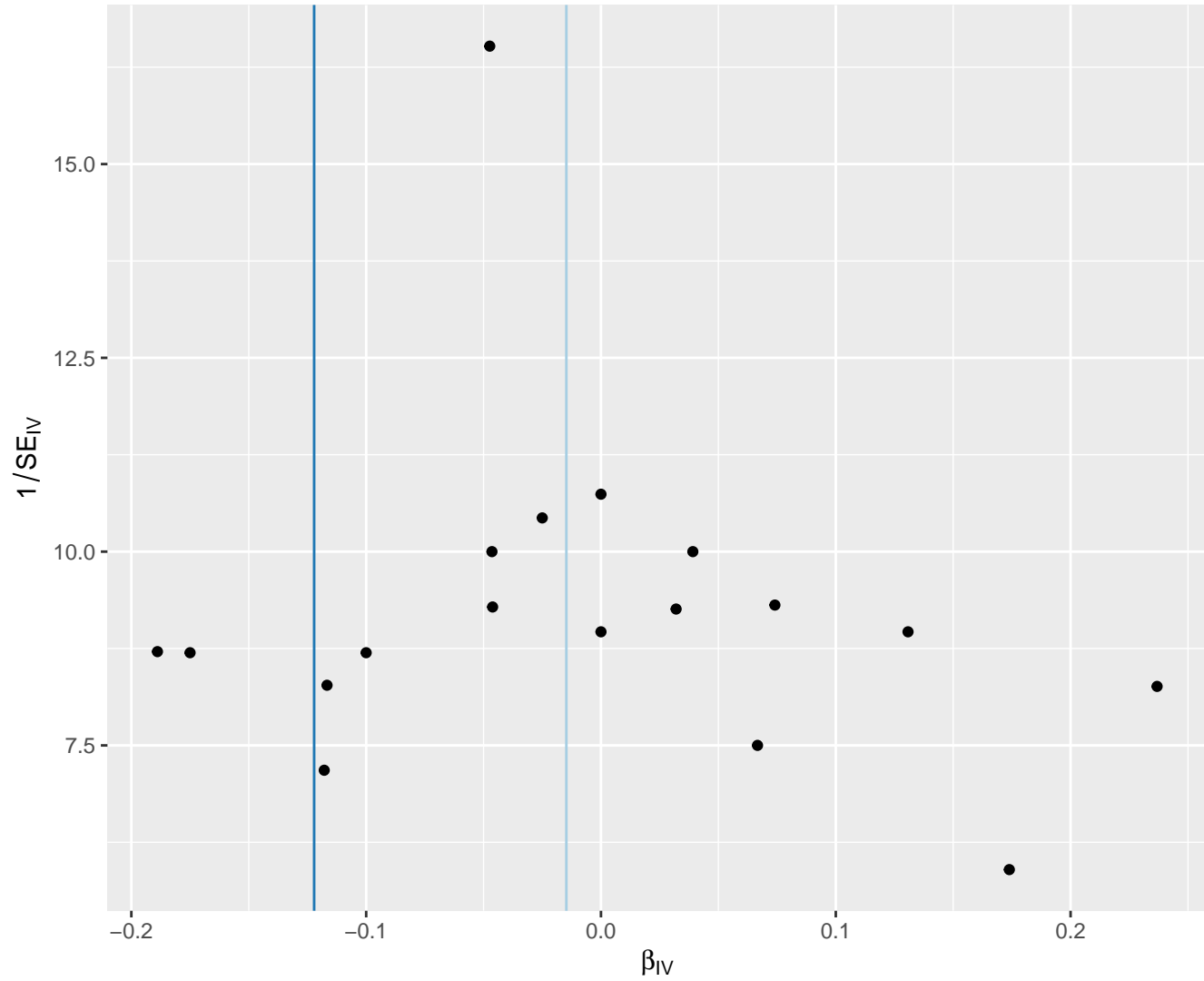
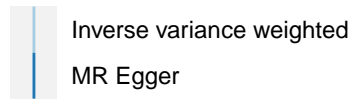


# Arachidonate (20:4n6)



# Arginine

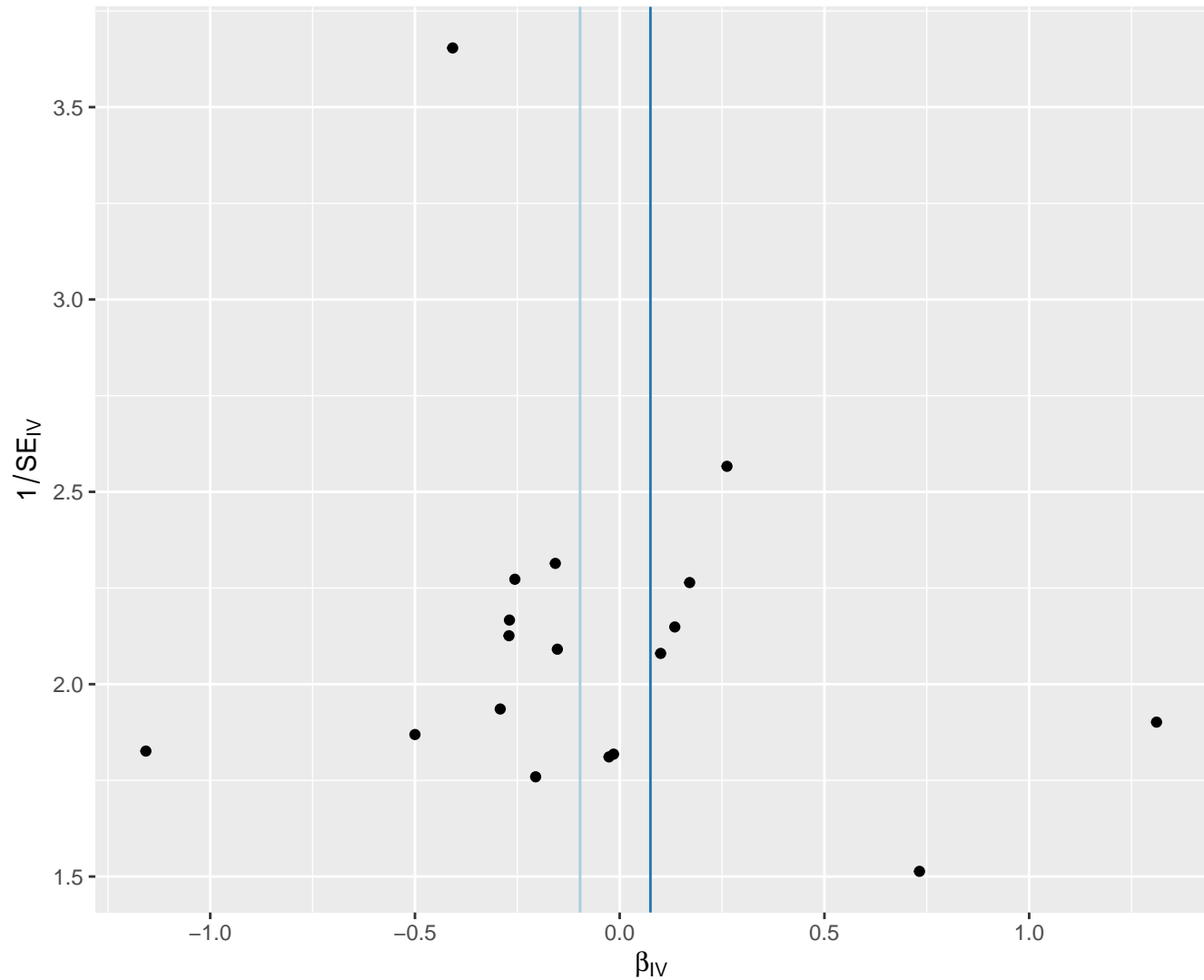
## MR Method



# Ascorbate (Vitamin C)

## MR Method

- Inverse variance weighted
- MR Egger



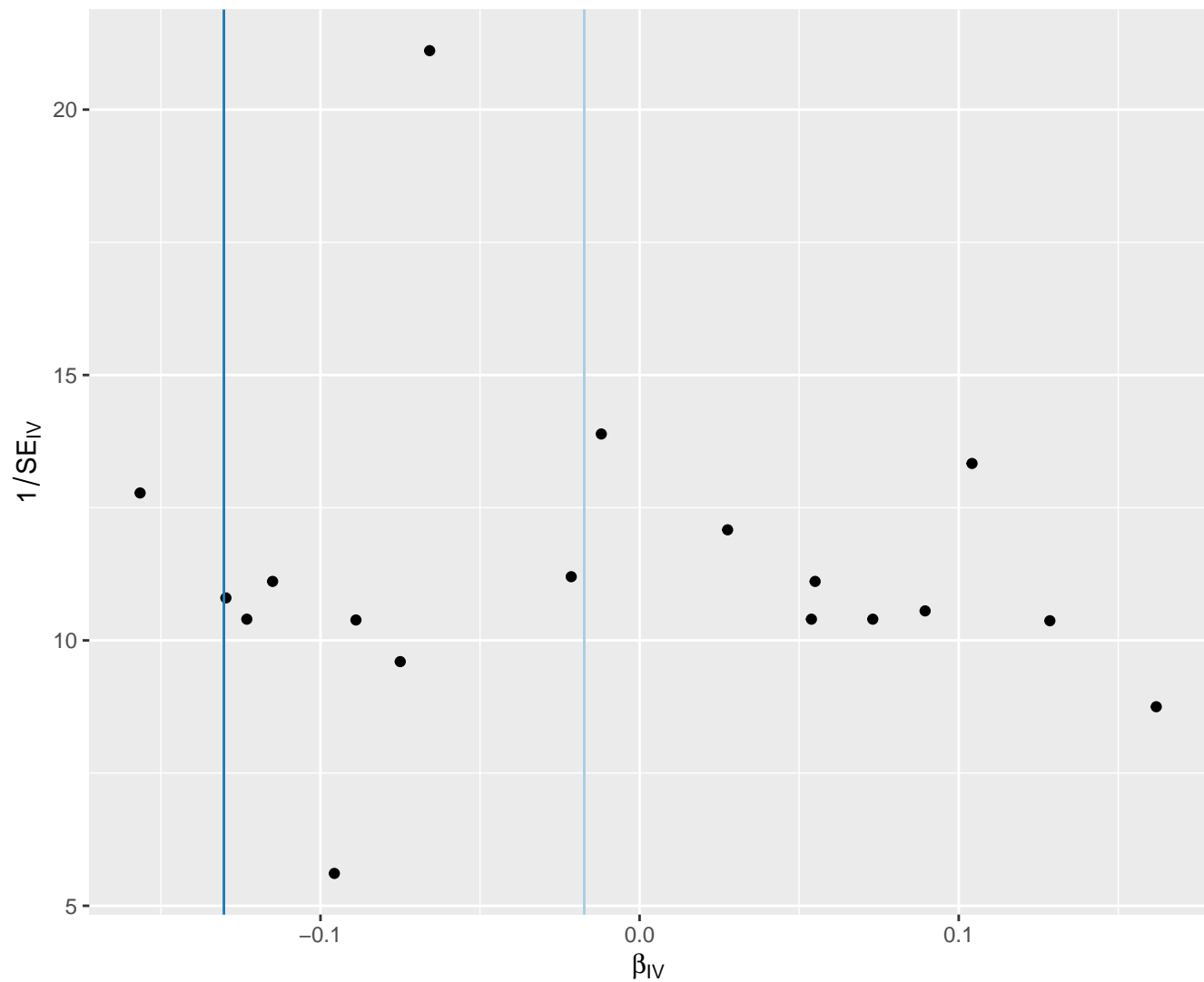
# Asparagine

MR Method



Inverse variance weighted

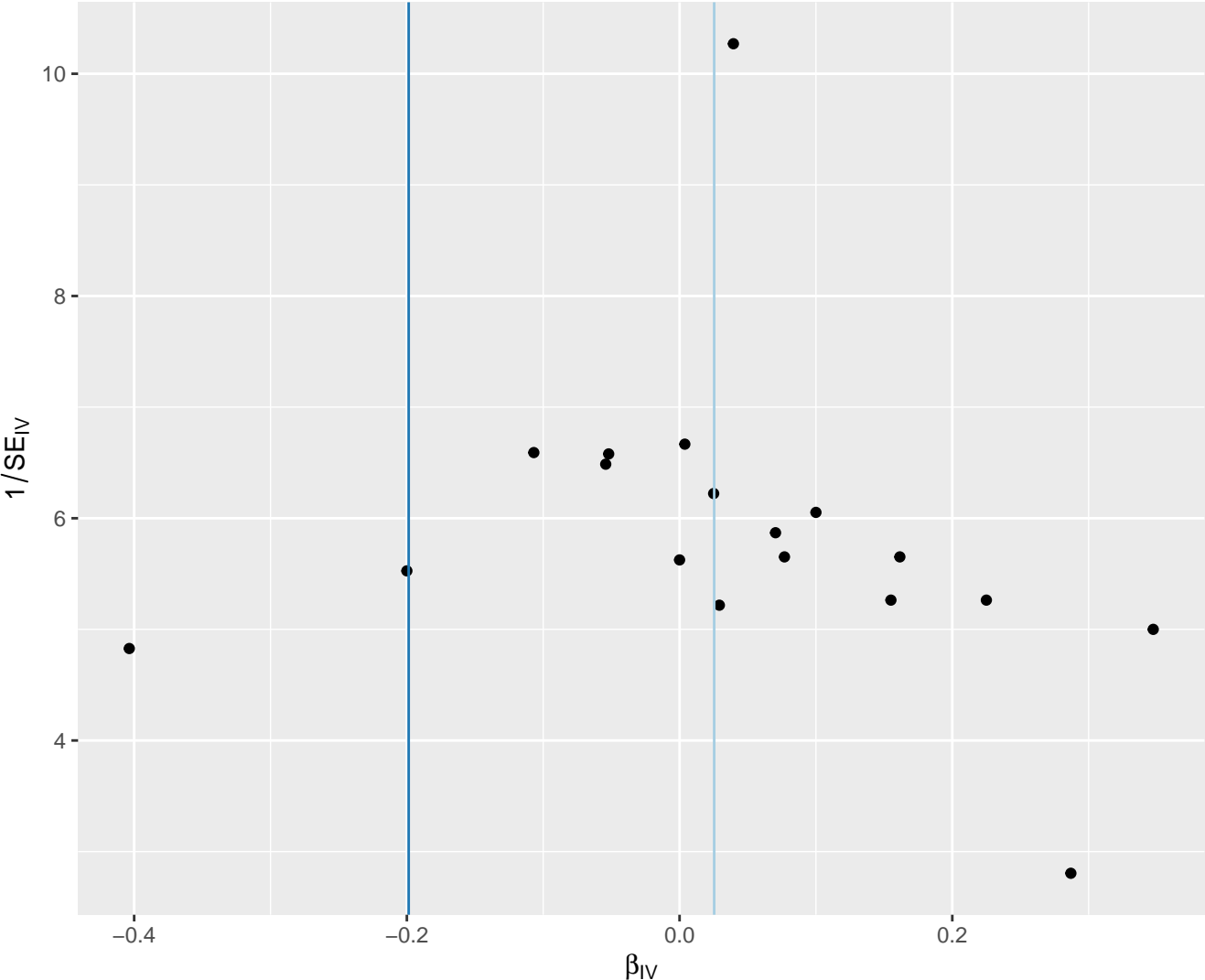
MR Egger



# Aspartate

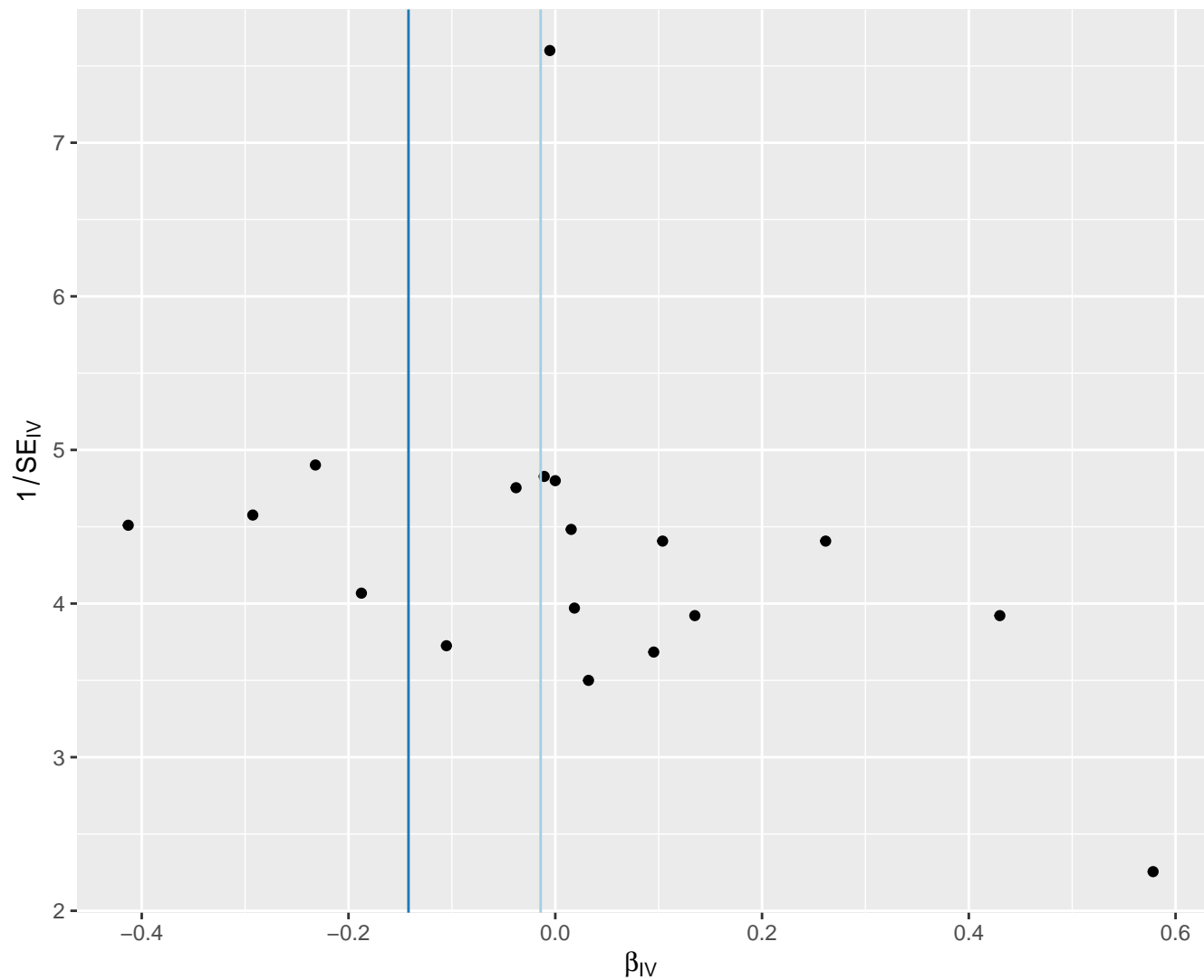
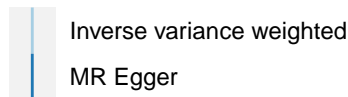
MR Method

- Inverse variance weighted
- MR Egger



# Aspartylphenylalanine

MR Method

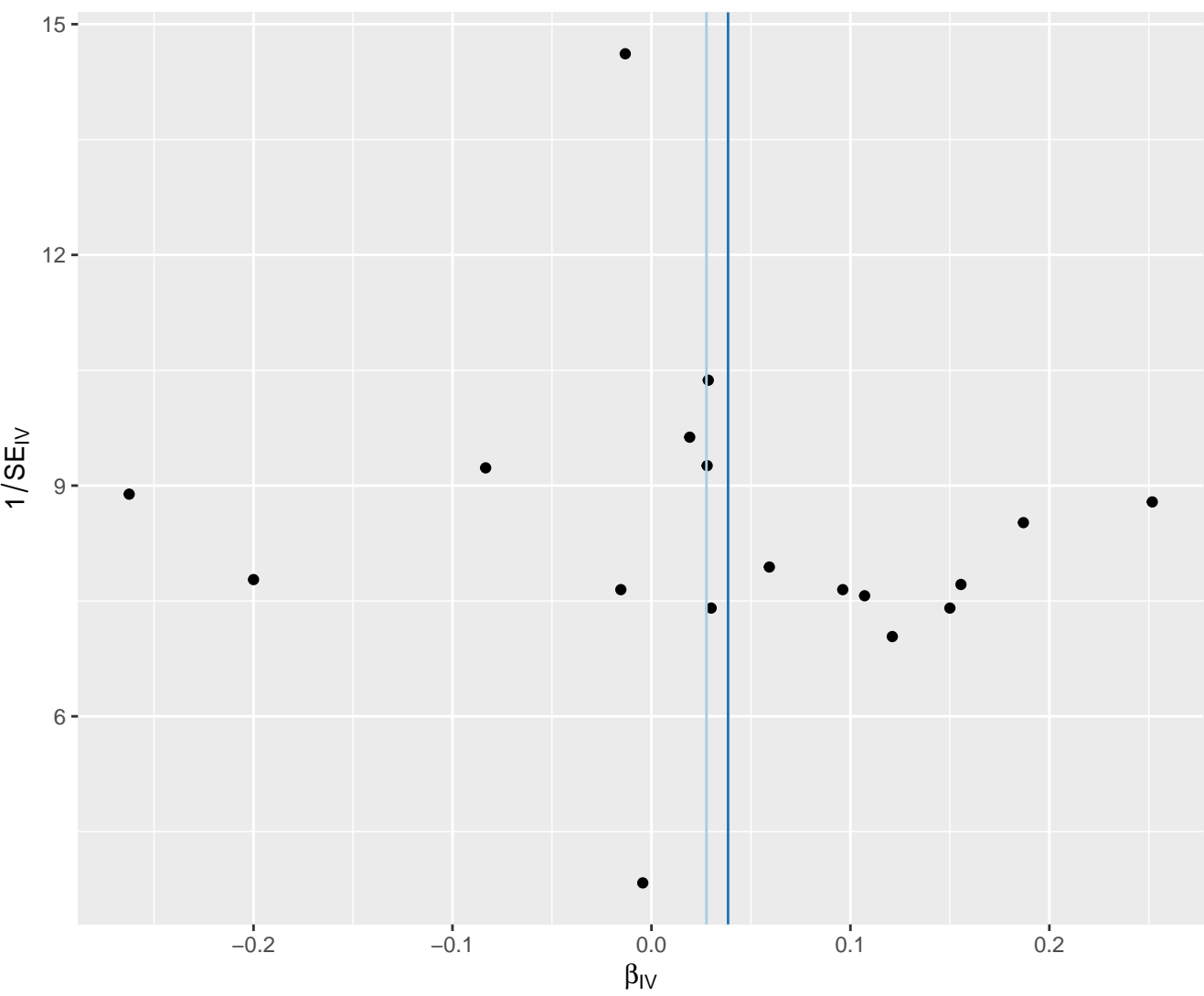




# Beta-hydroxyisovalerate

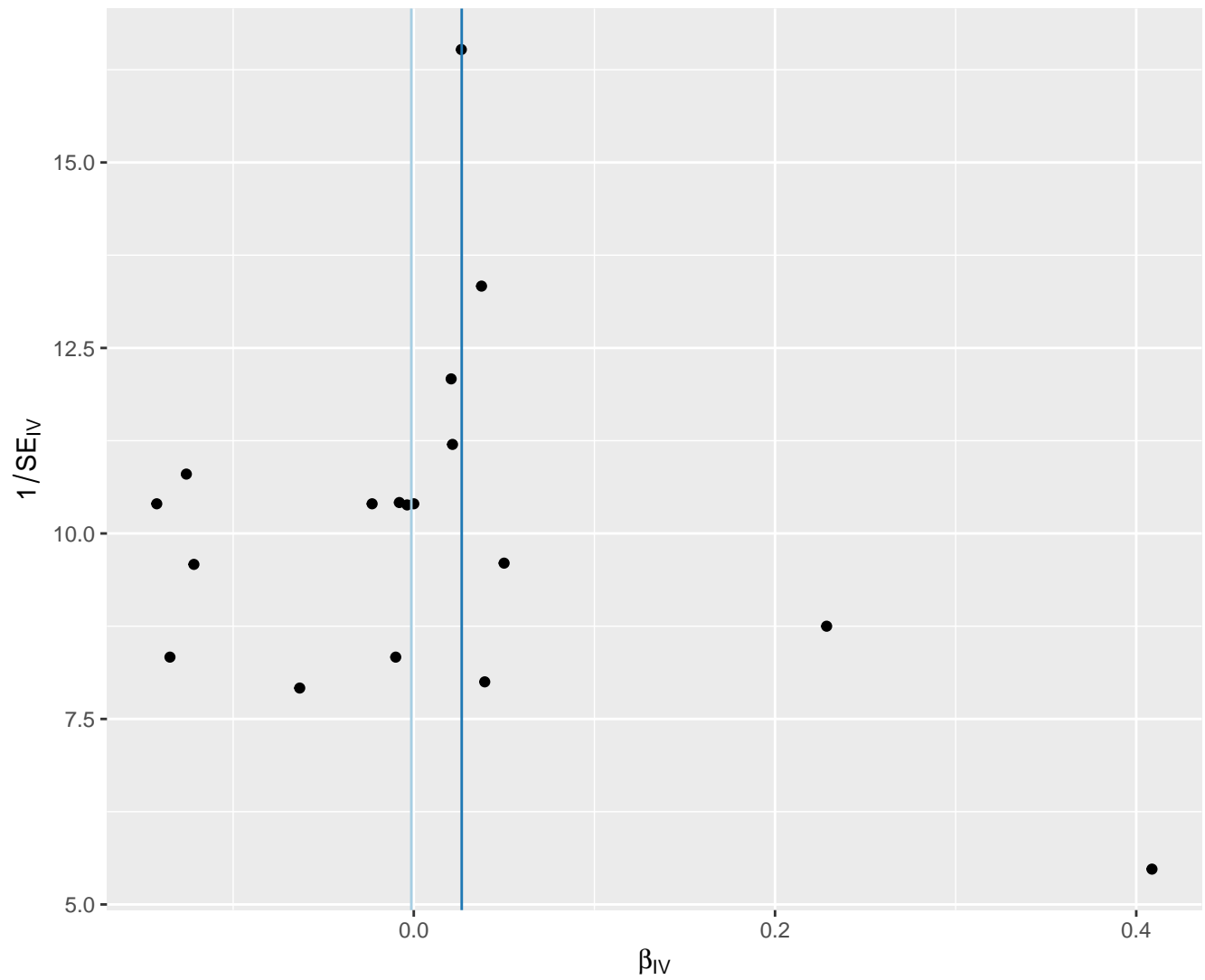
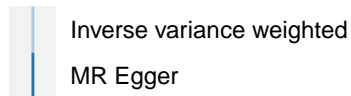
MR Method

- Inverse variance weighted
- MR Egger



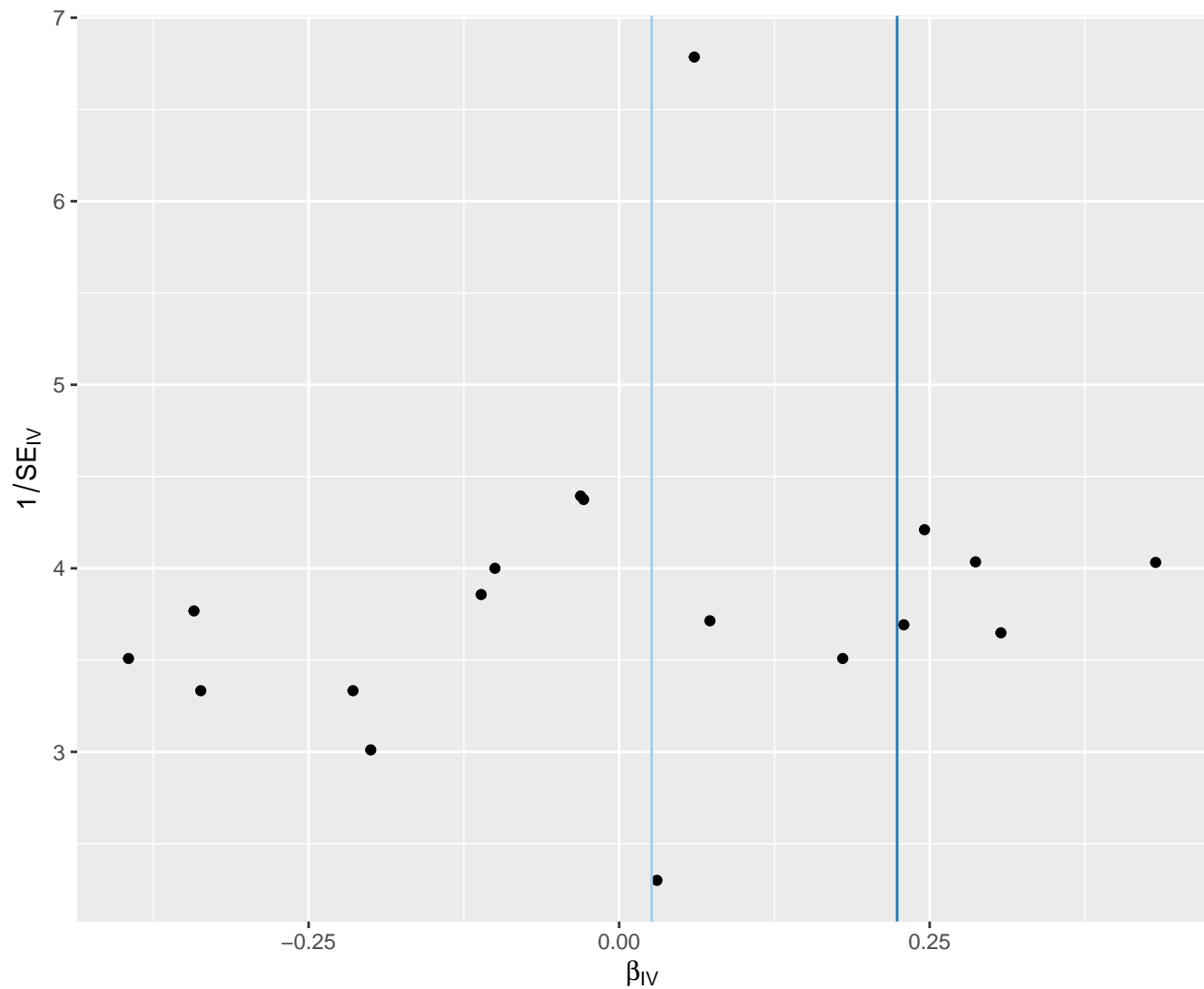
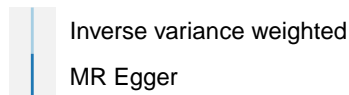
# Betaine

MR Method



Bilirubin (E,E)\*

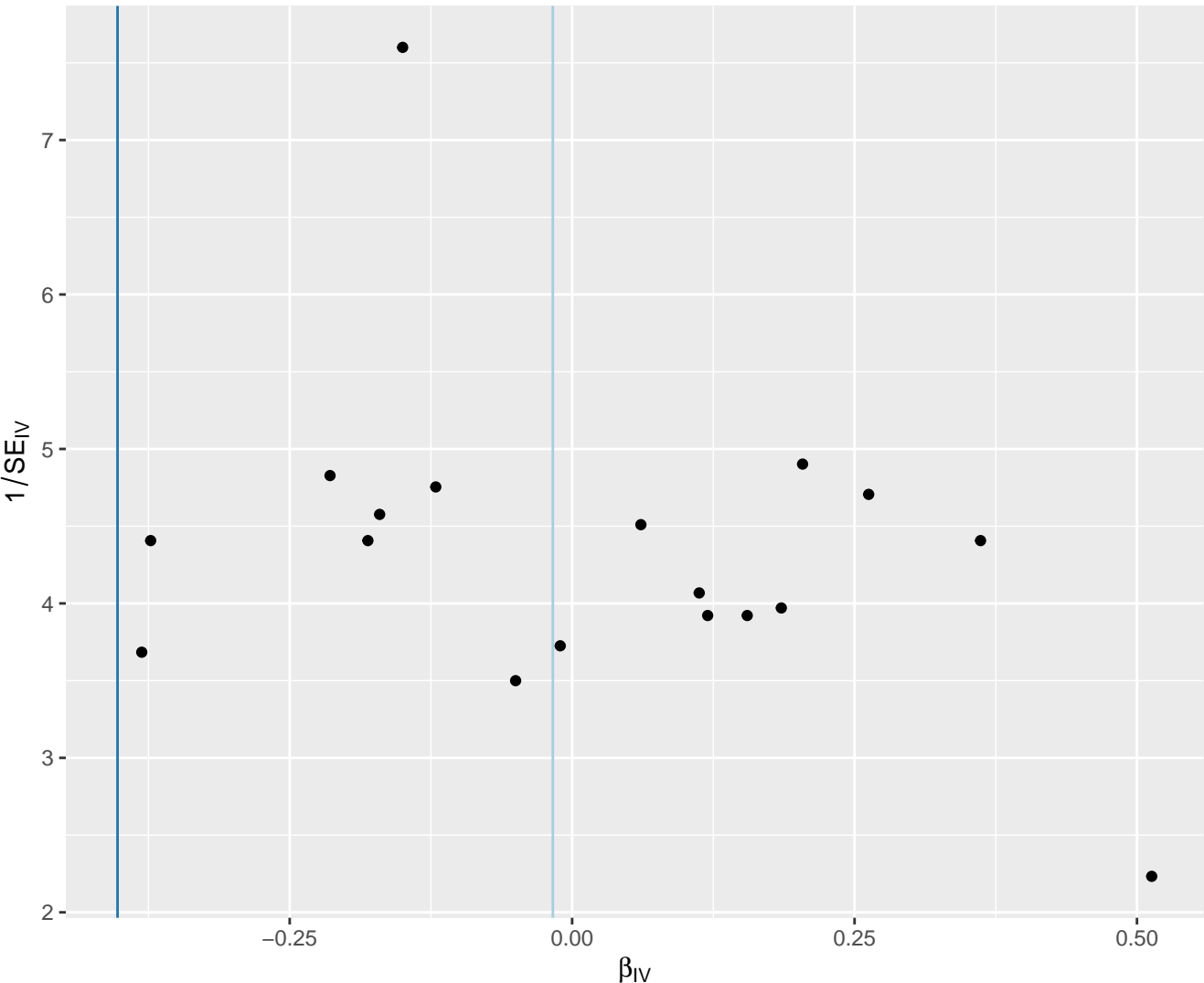
MR Method



Bilirubin (E,Z or Z,E)\*

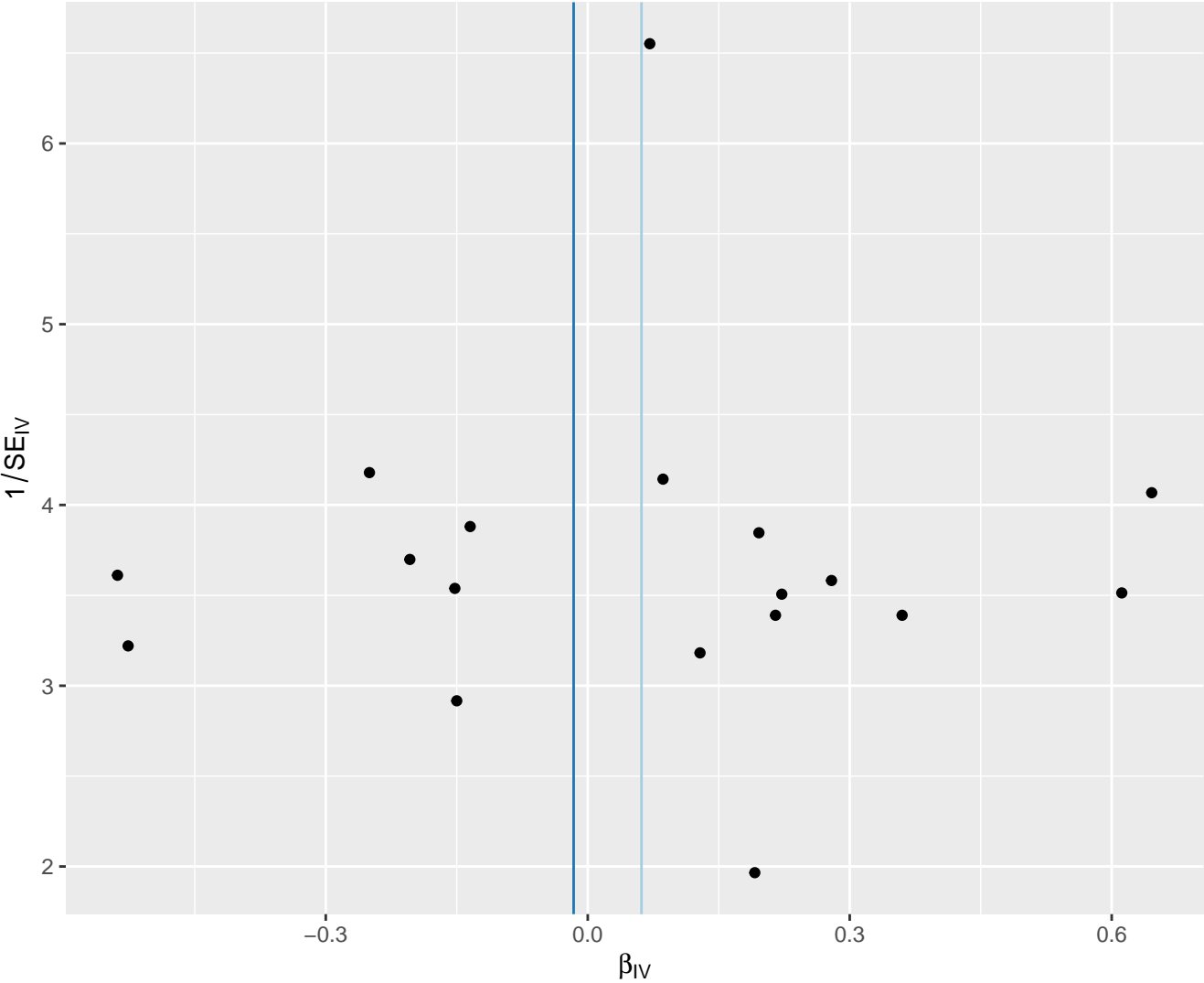
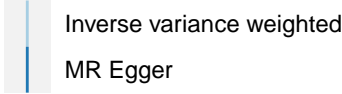
MR Method

- Inverse variance weighted
- MR Egger



# Bilirubin (Z,Z)

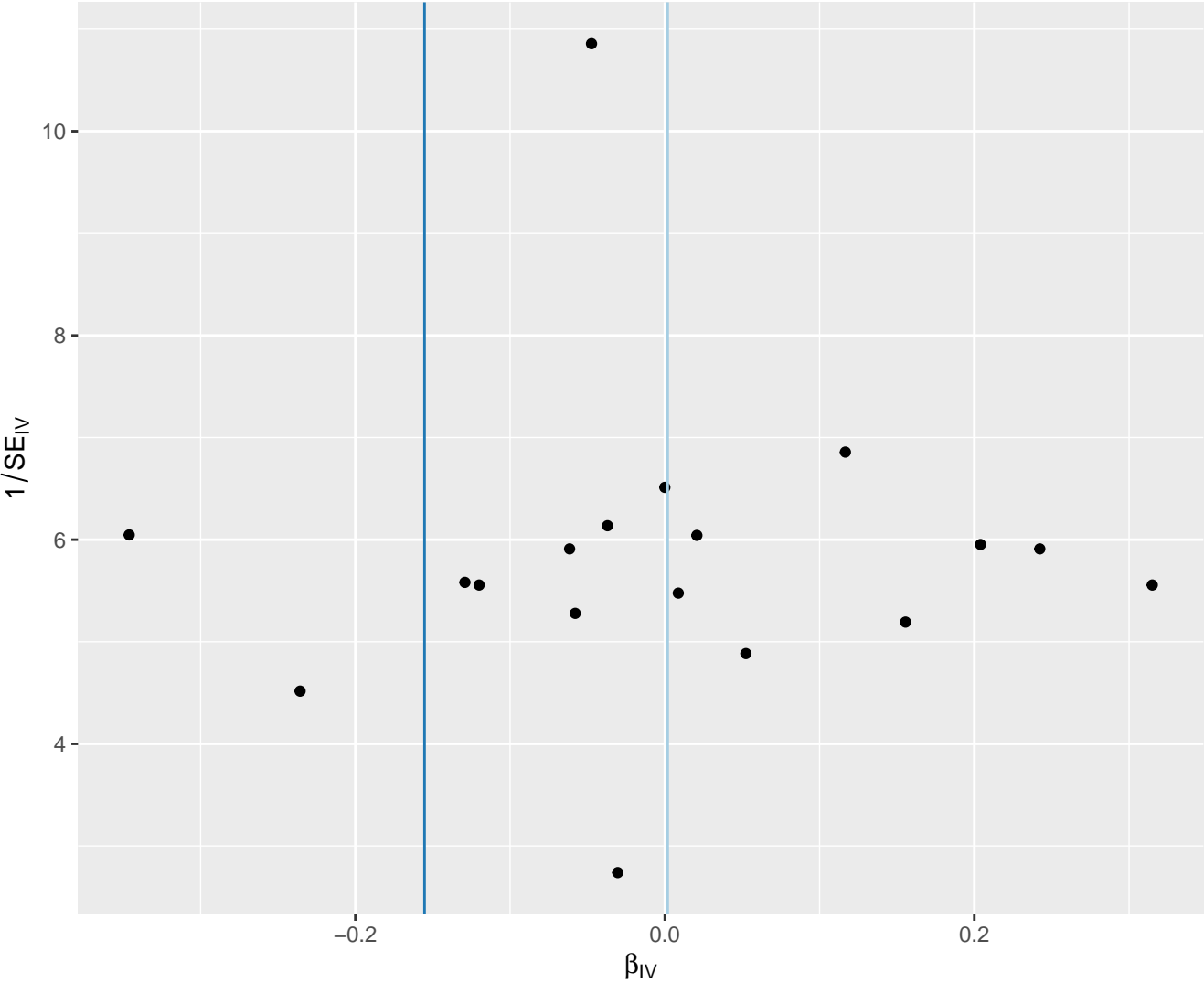
MR Method



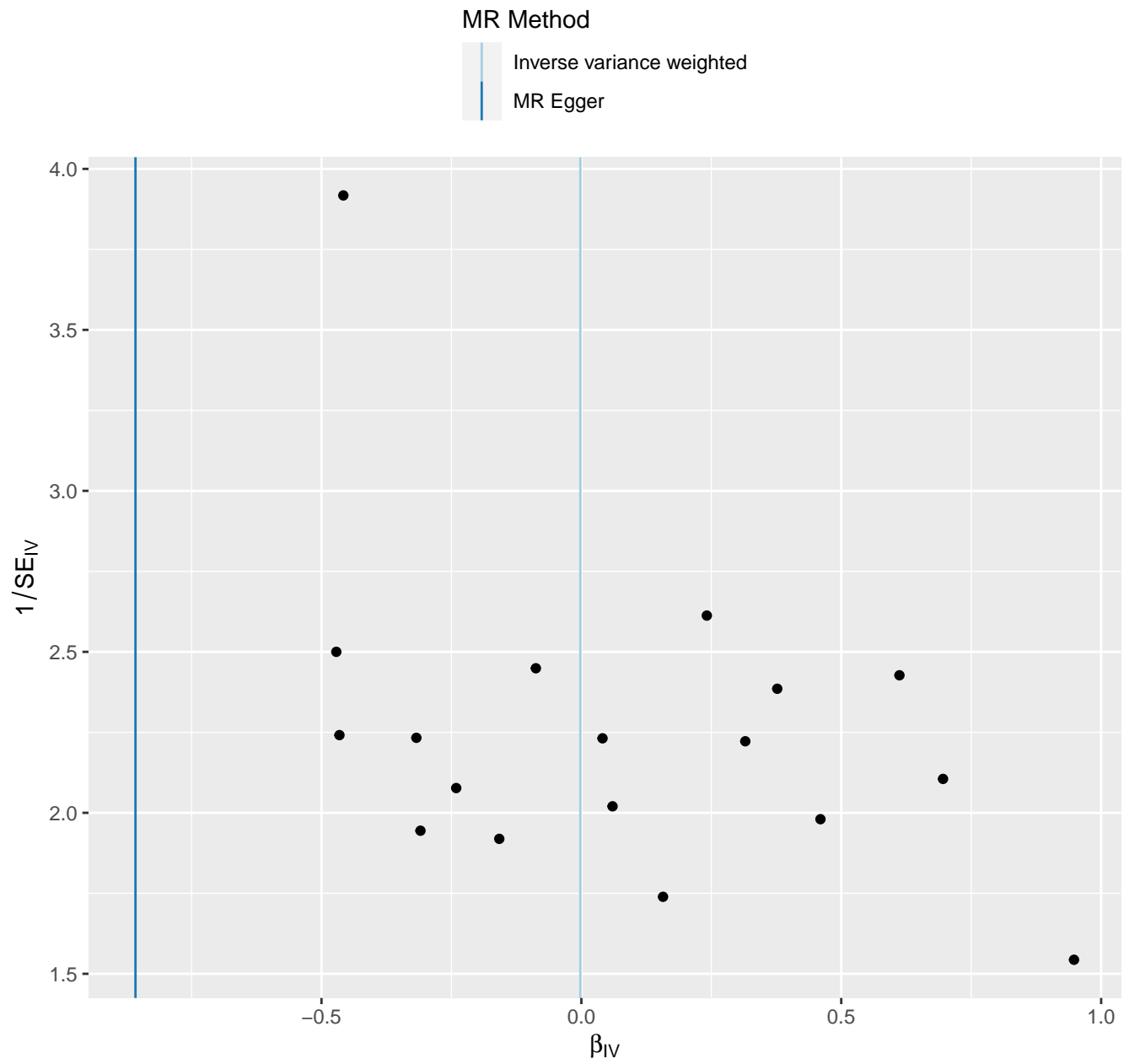
# Biliverdin

MR Method

- Inverse variance weighted
- MR Egger

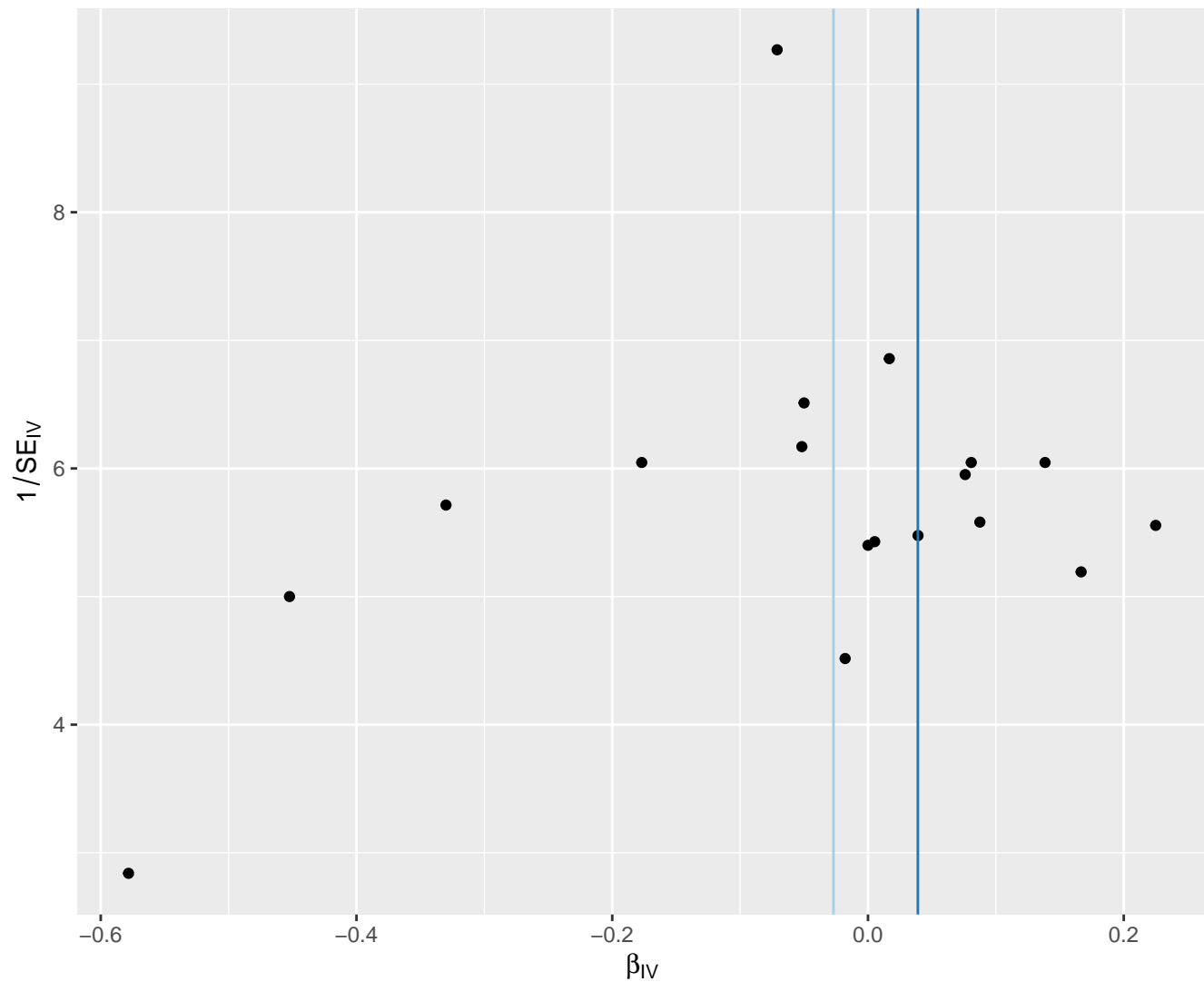


# Bradykinin, des-arg(9)



# Butyrylcarnitine

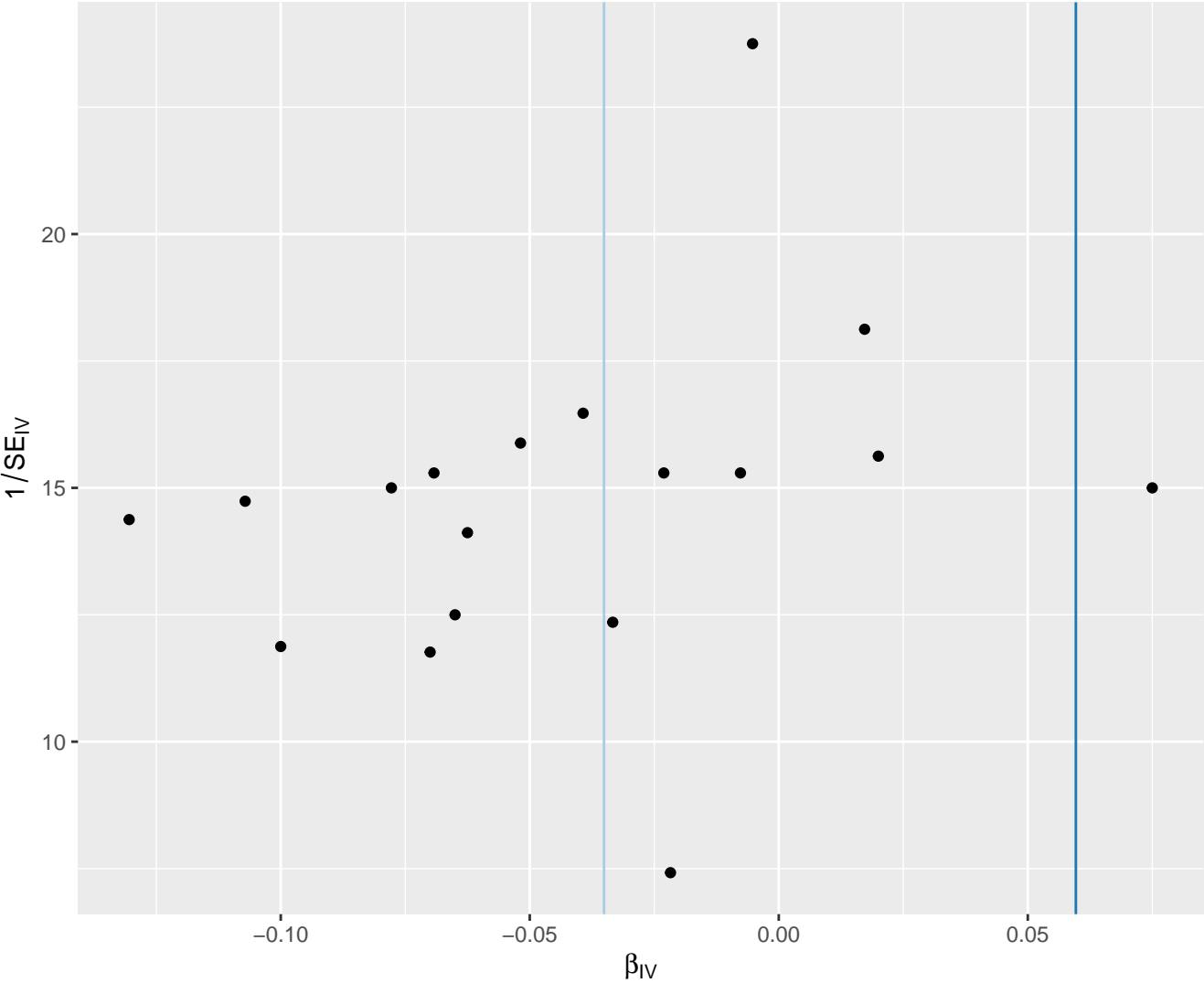
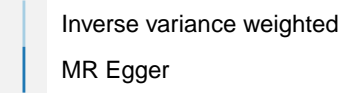
MR Method





C-glycosyltryptophan\*

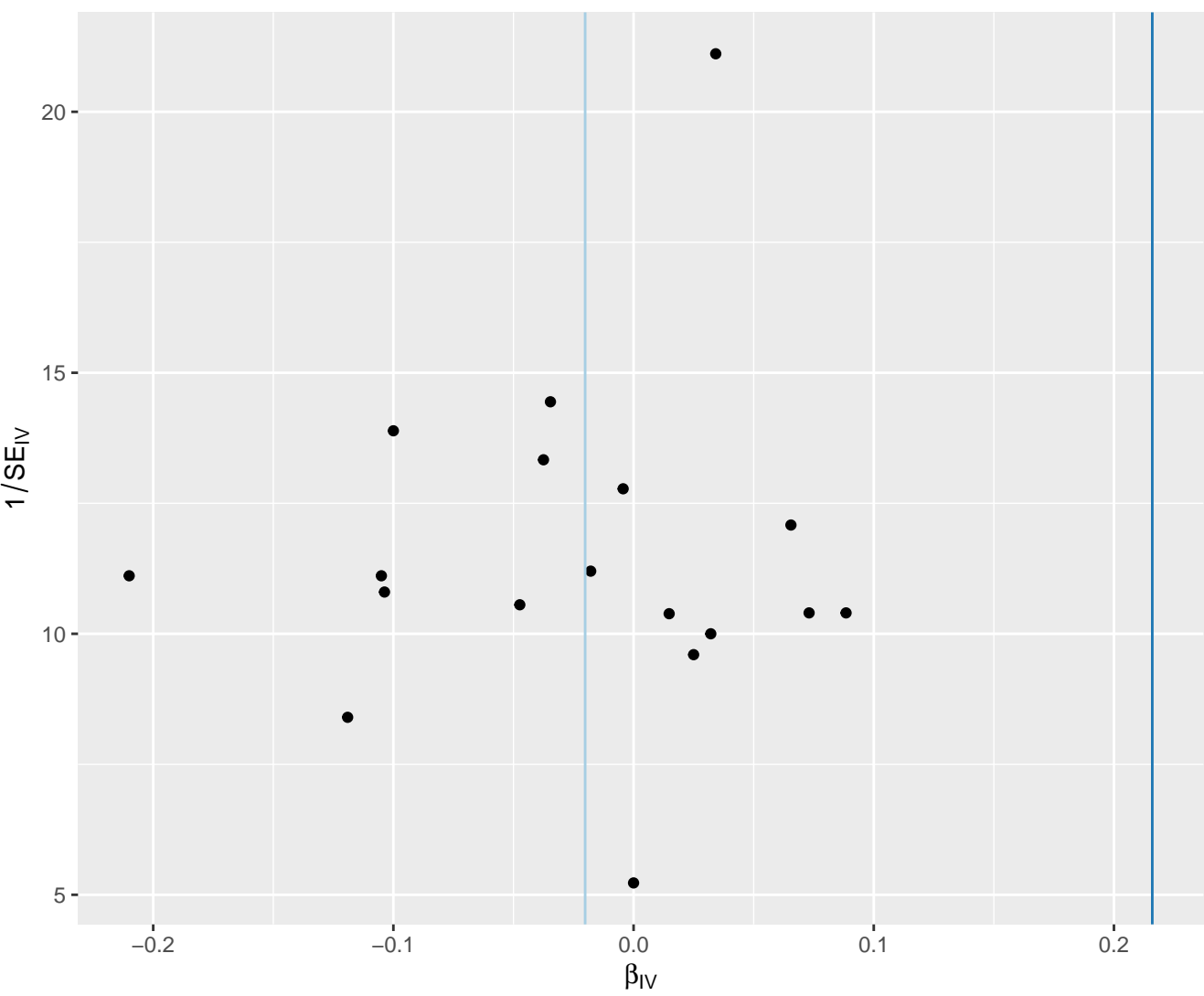
MR Method



# Caproate (6:0)

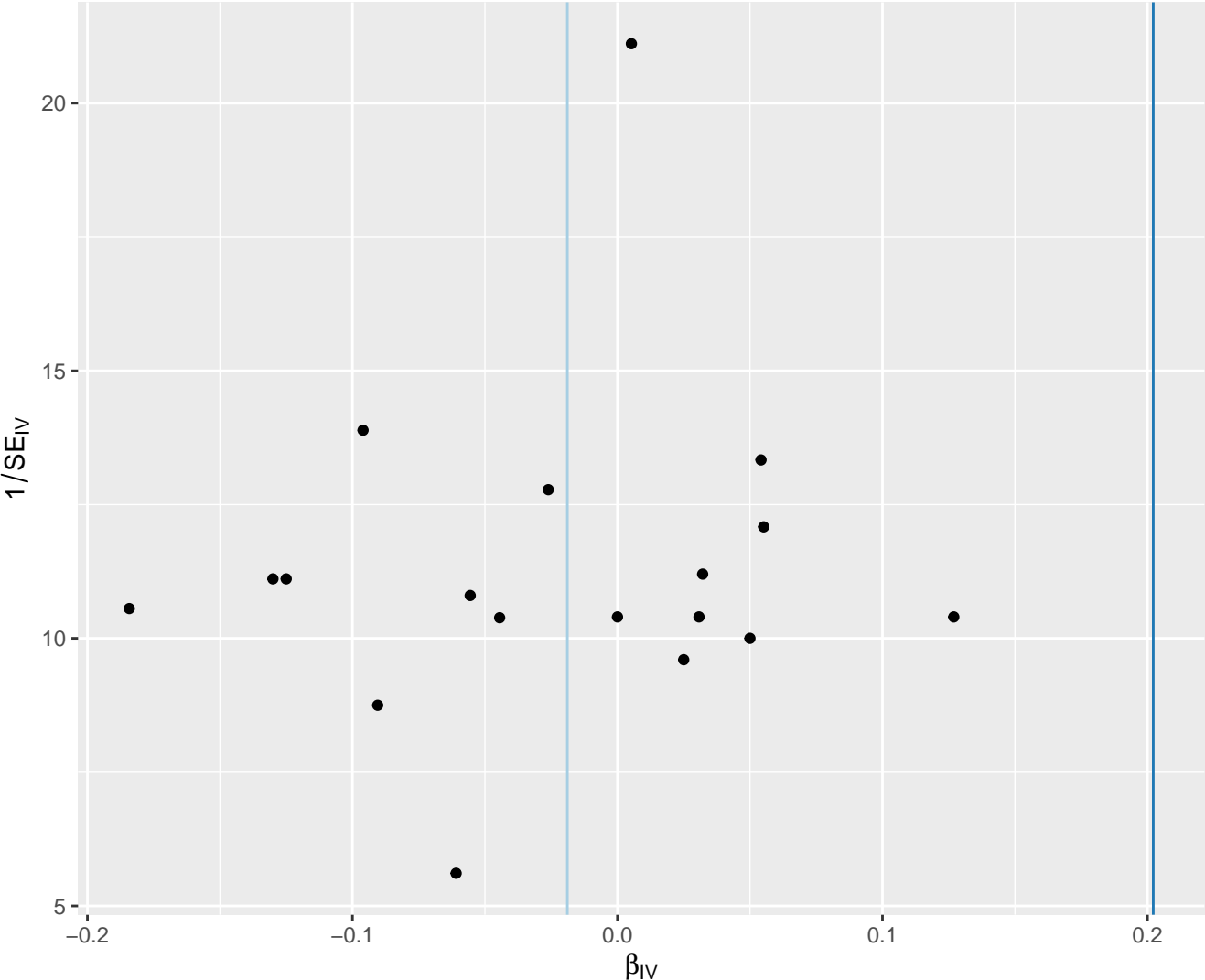
MR Method

- Inverse variance weighted
- MR Egger



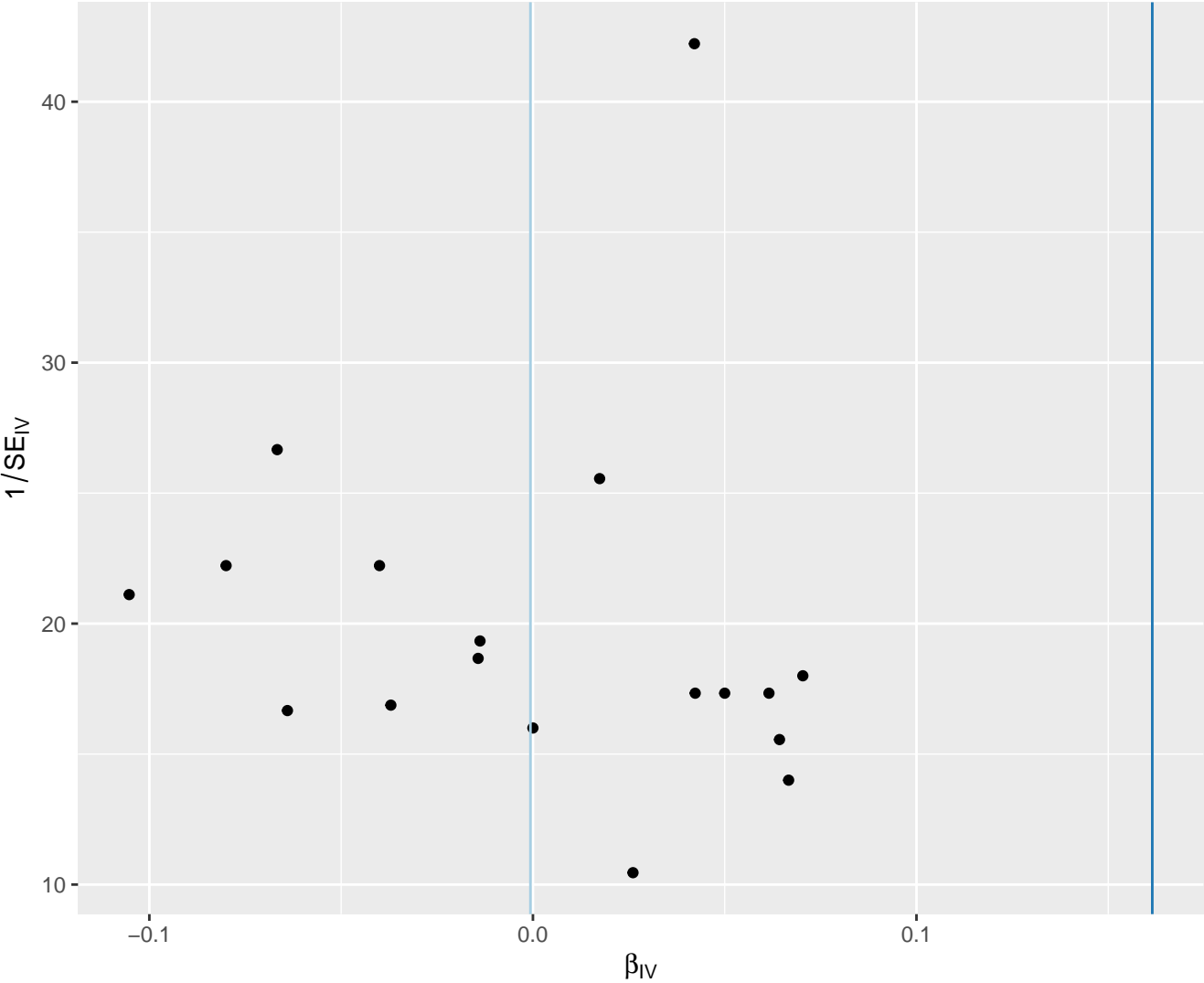
Caprylate (8:0)

MR Method



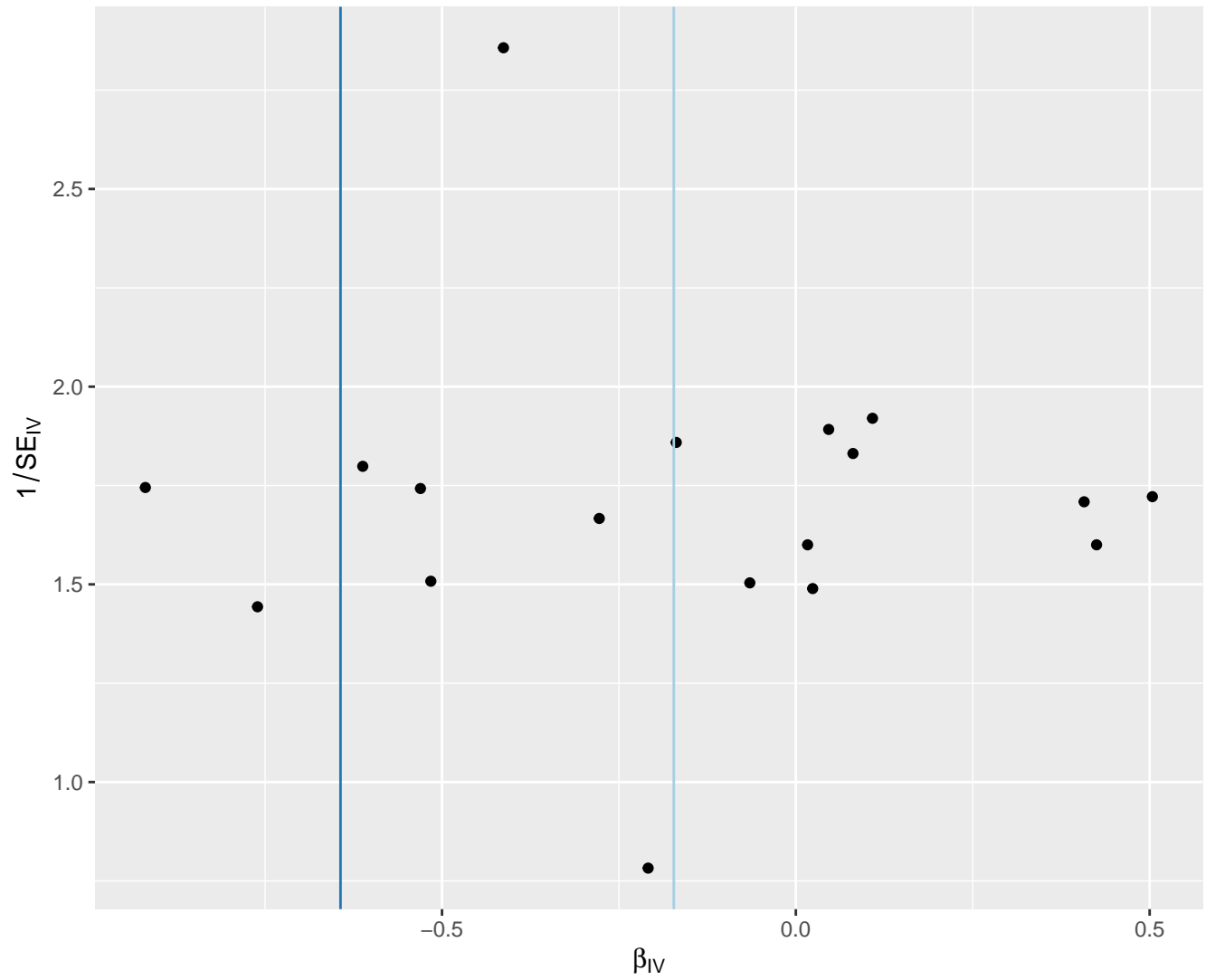
# Carnitine

MR Method



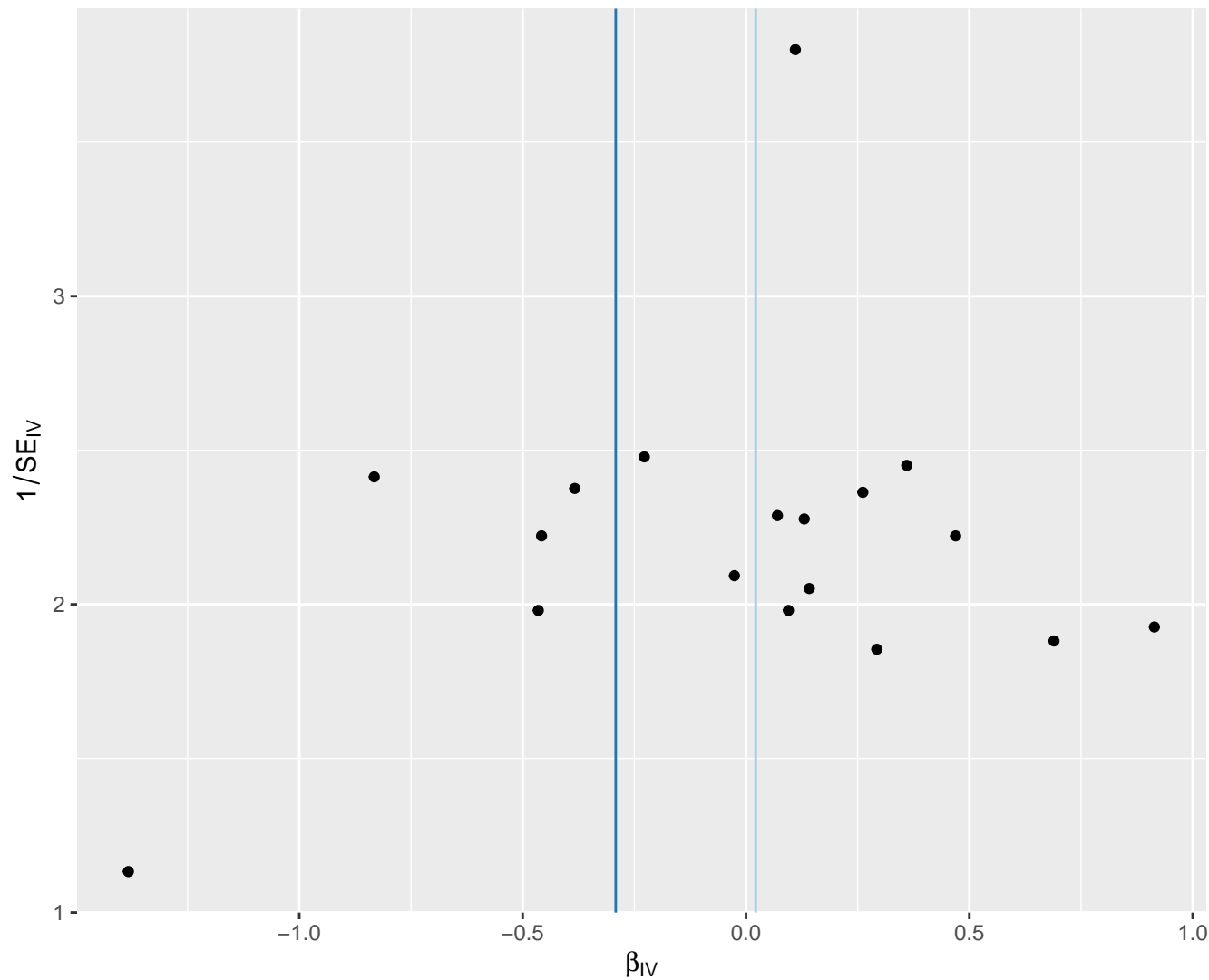
# Chiro-inositol

## MR Method



# Cholate

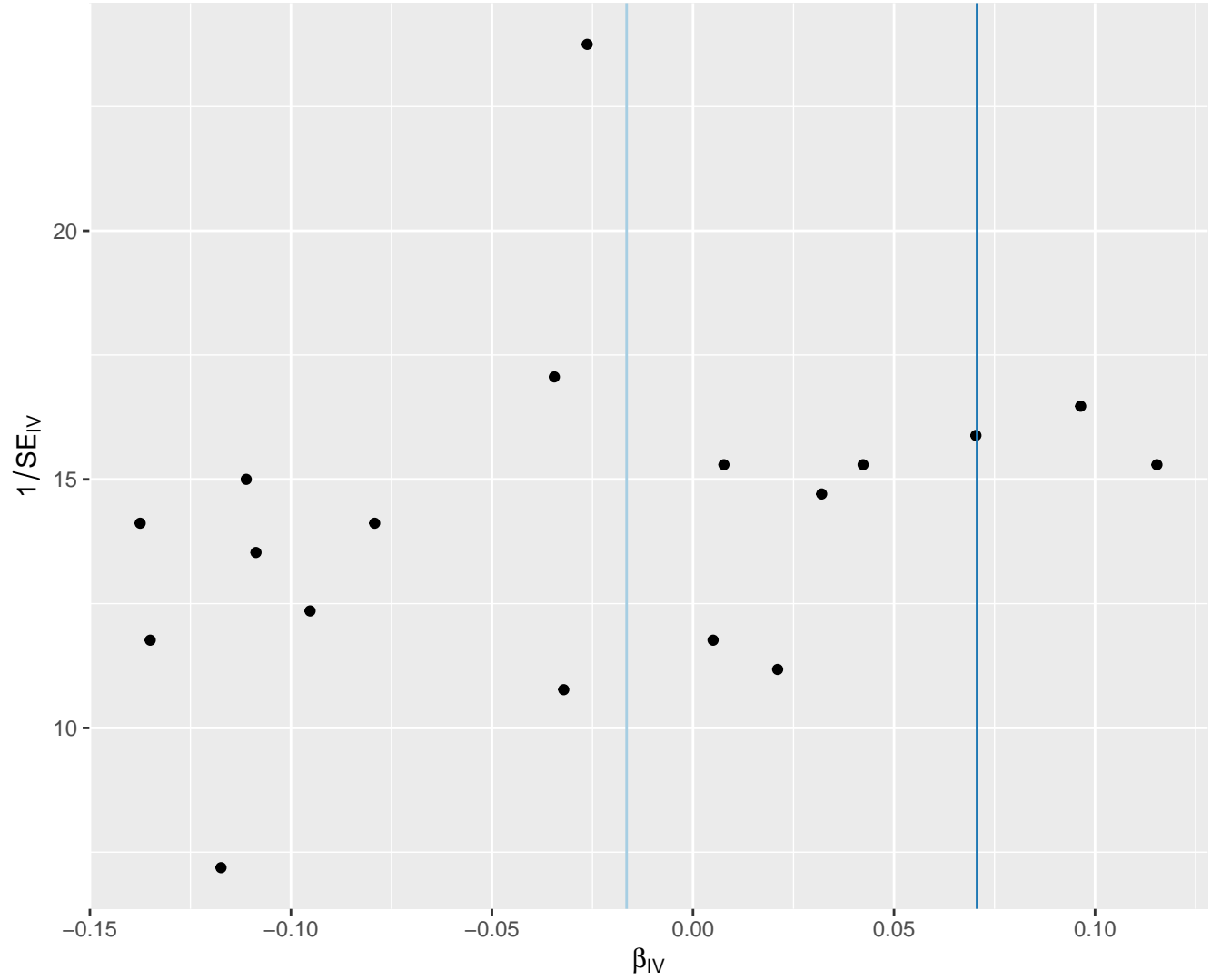
MR Method



# Cholesterol

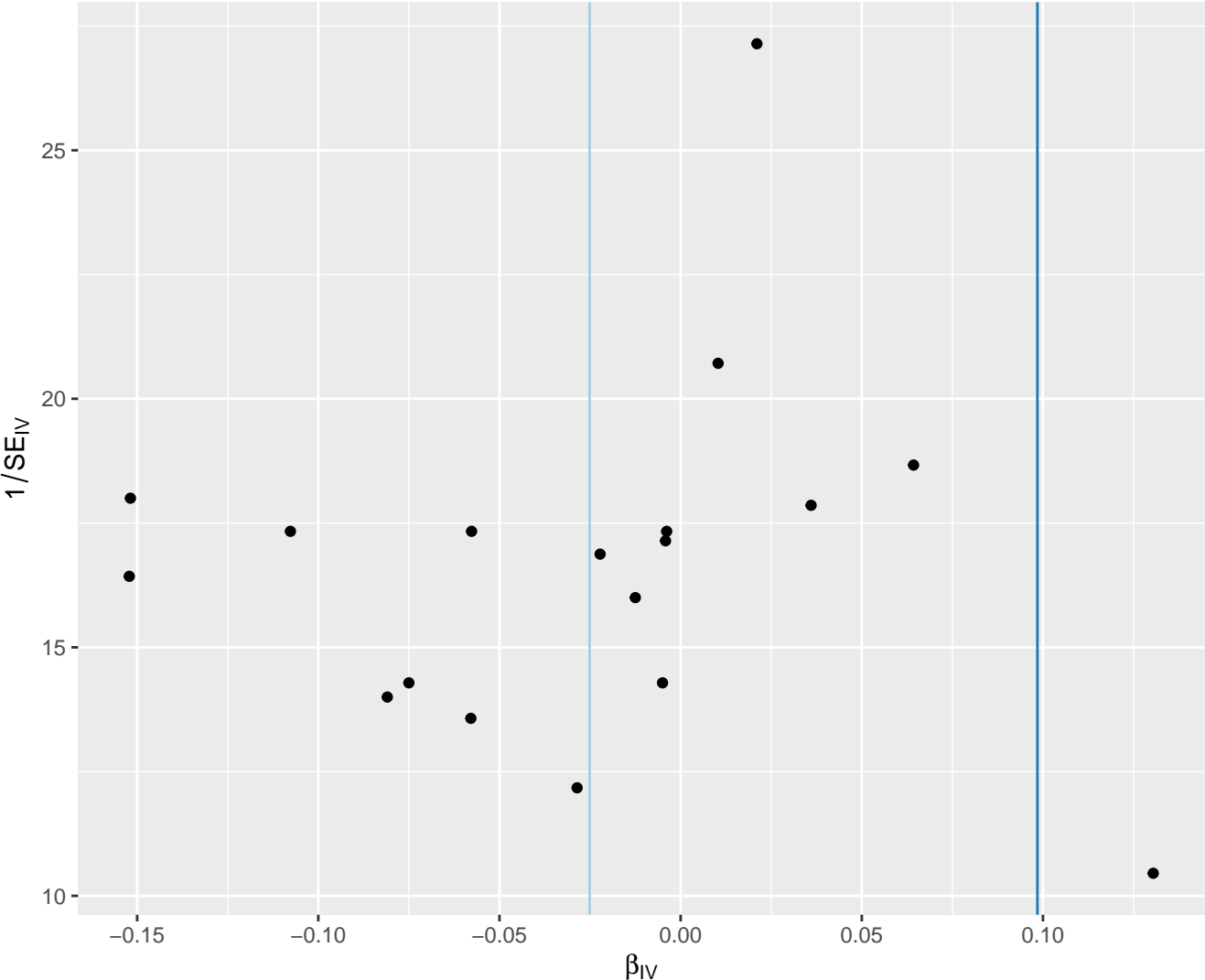
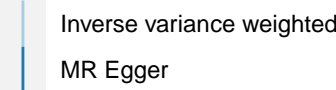
MR Method

- Inverse variance weighted
- MR Egger



# Choline

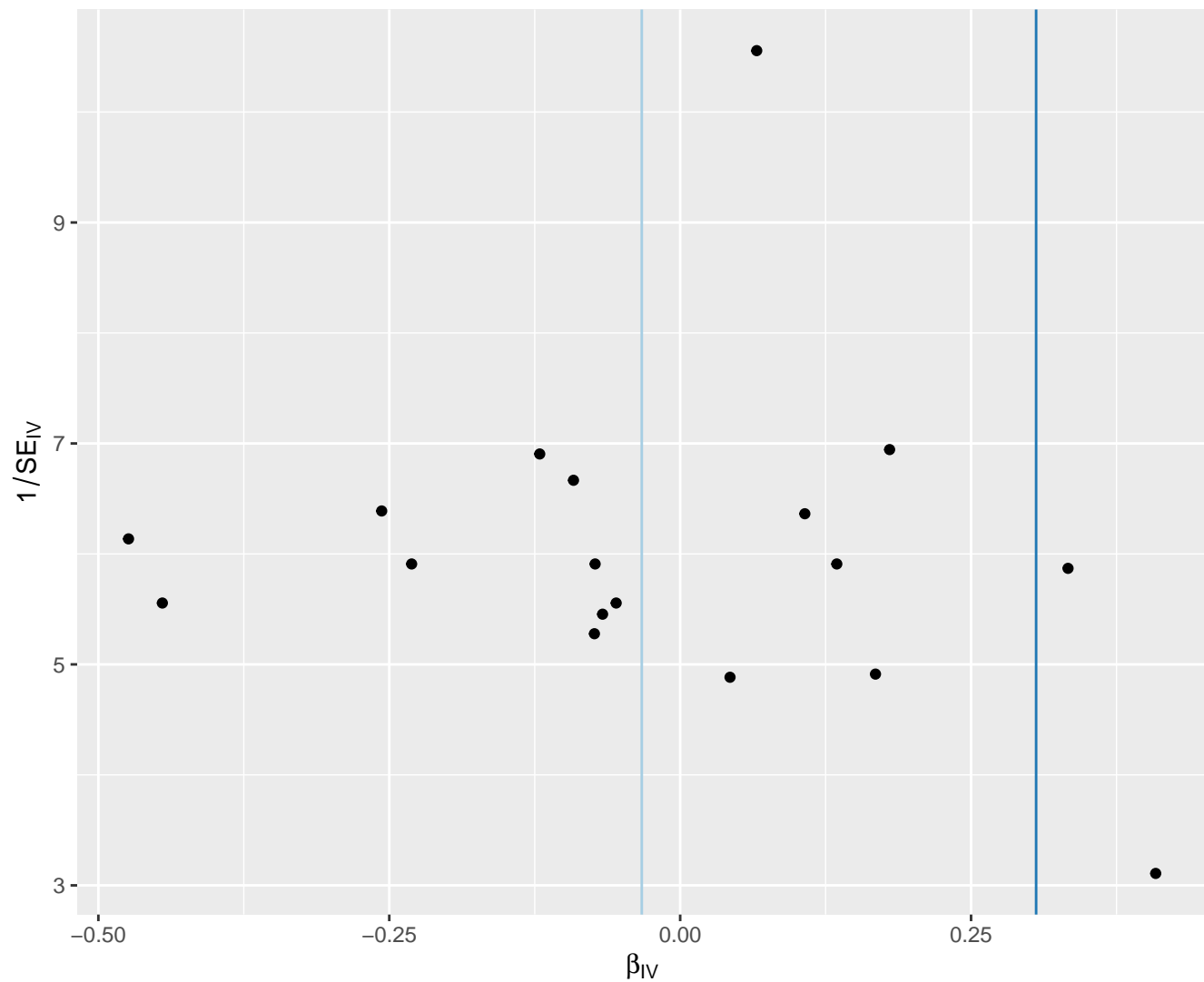
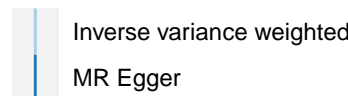
MR Method





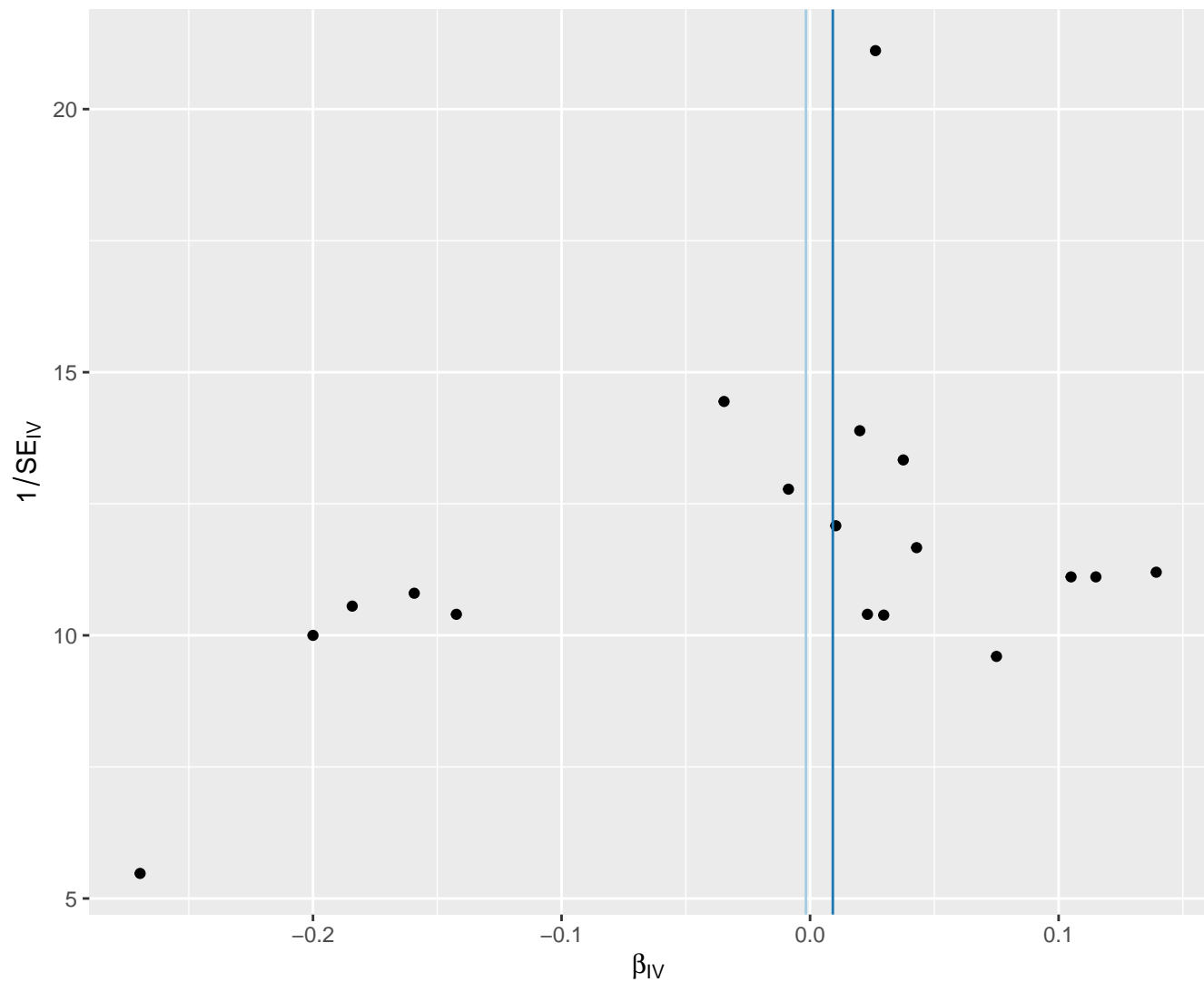
Cis-4-decenoyl carnitine

MR Method



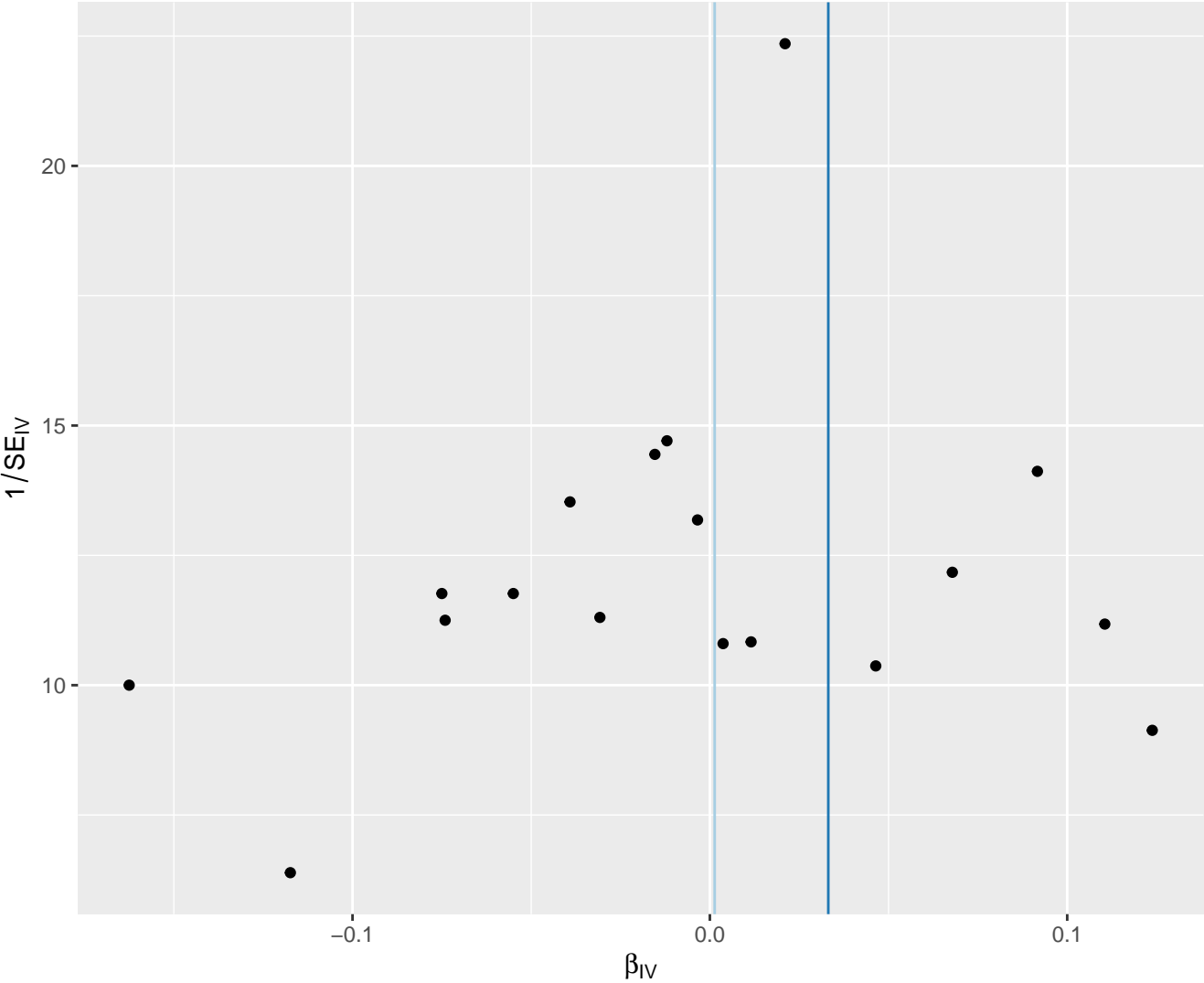
# Citrate

## MR Method



# Citrulline

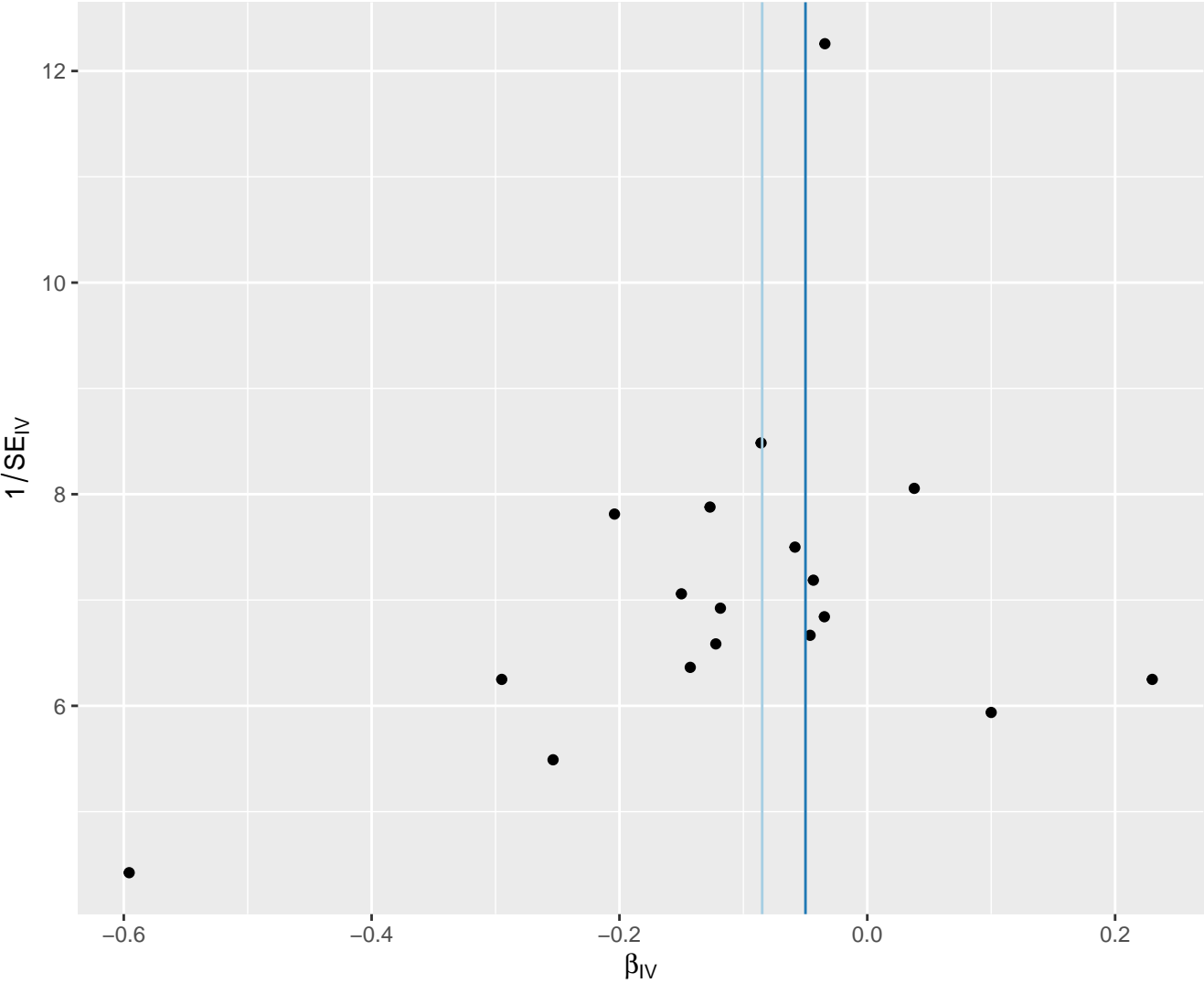
MR Method



# Cortisol

MR Method

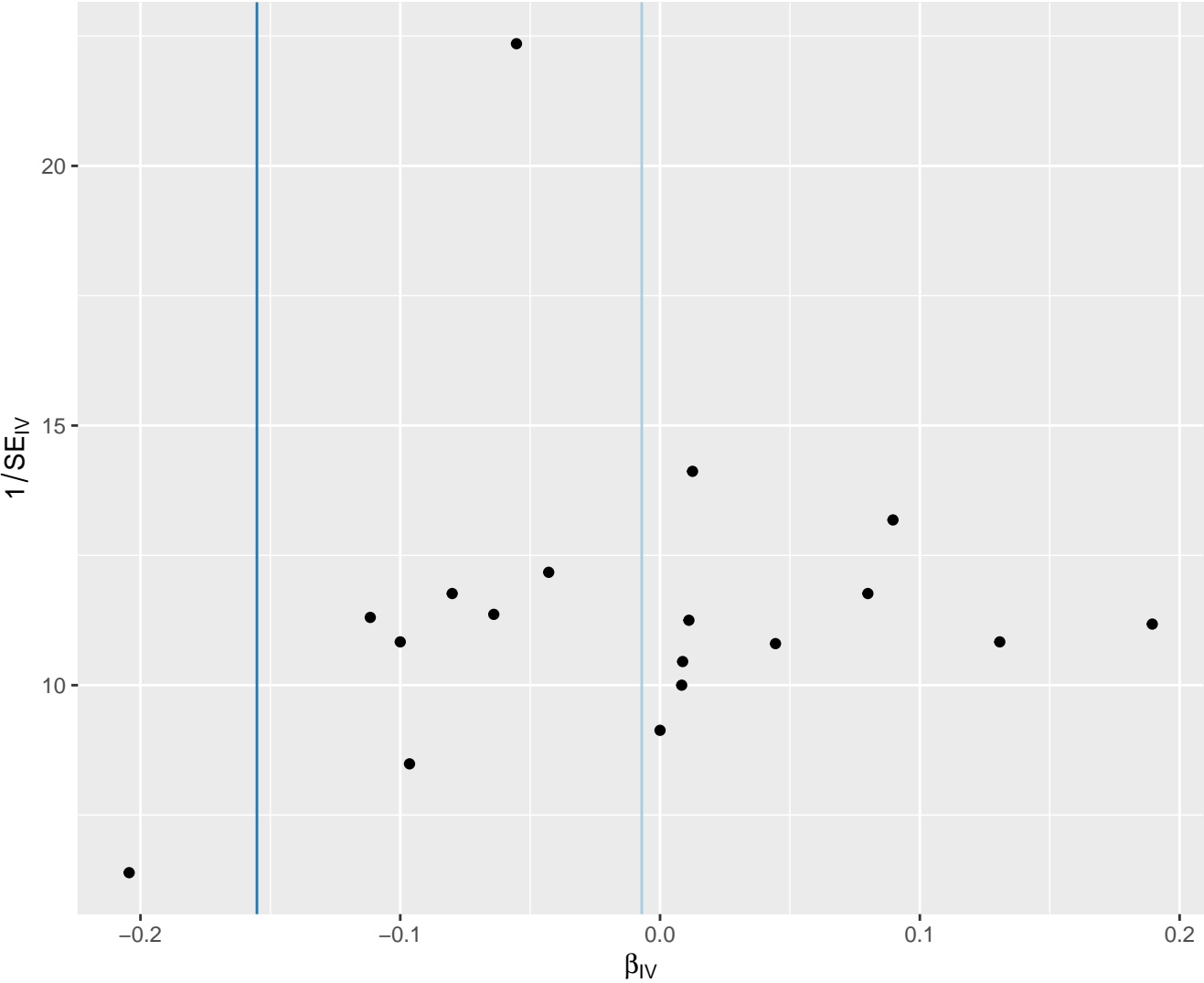
- Inverse variance weighted
- MR Egger



# Cortisone

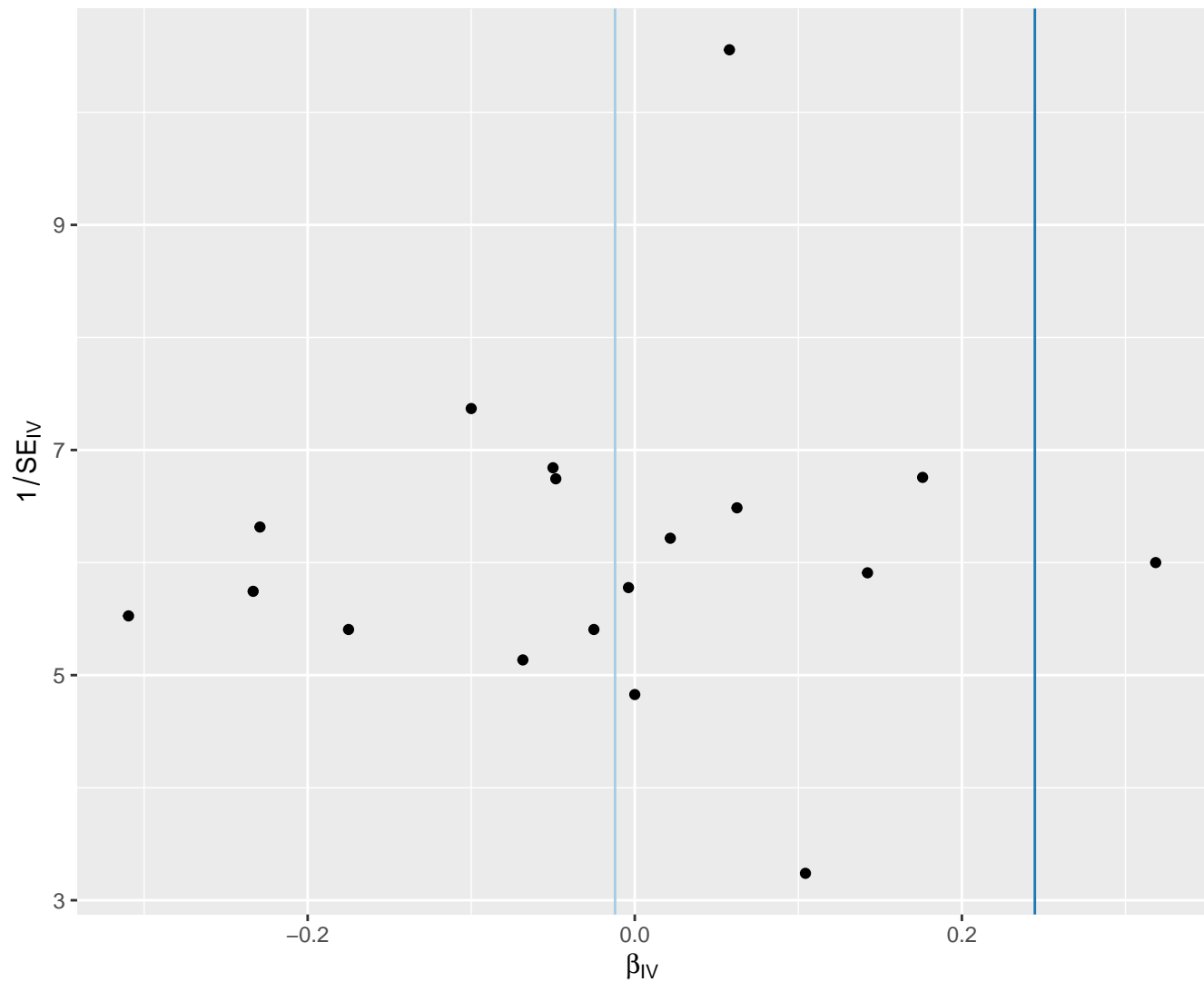
MR Method

- Inverse variance weighted
- MR Egger



# Creatine

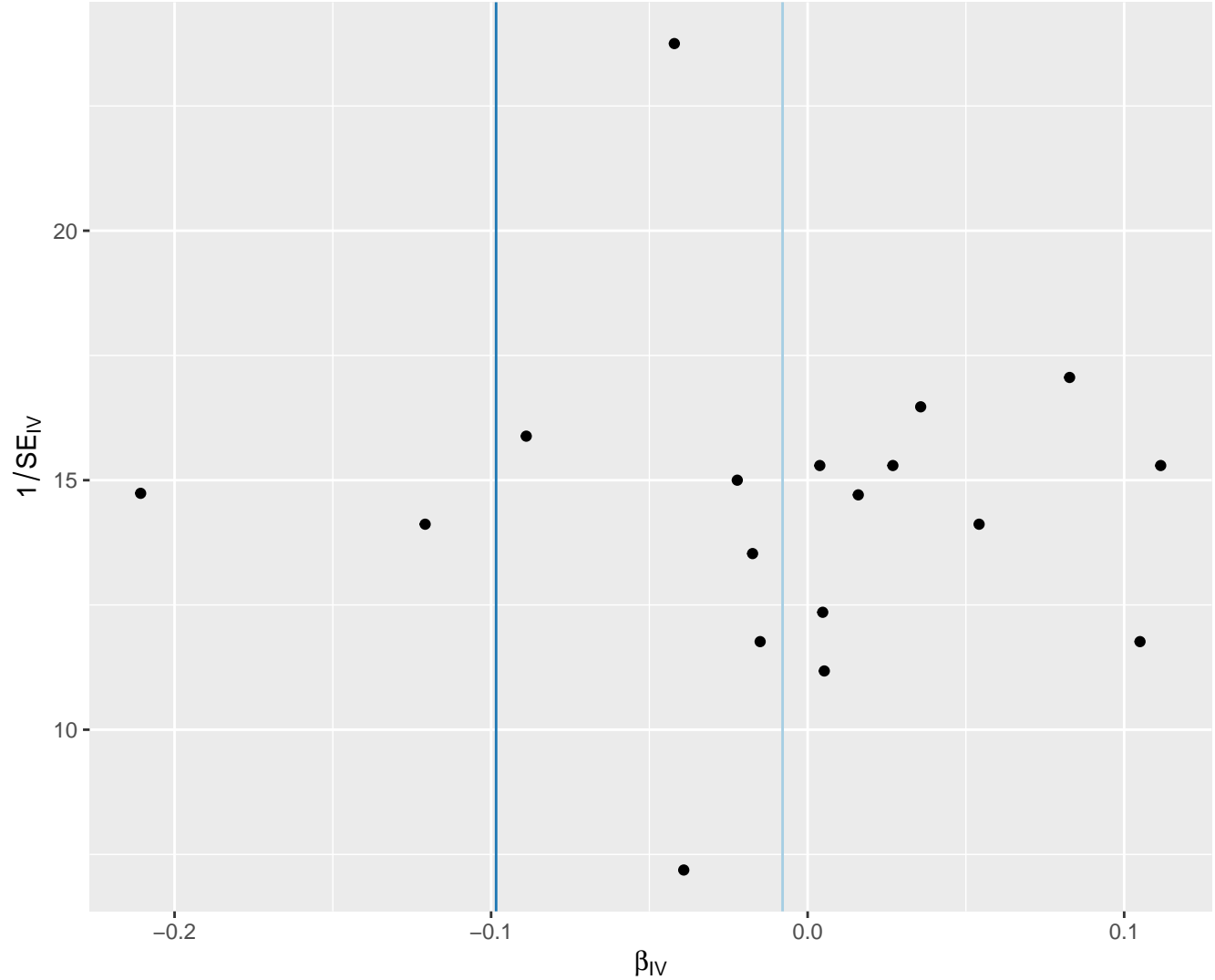
MR Method



# Creatinine

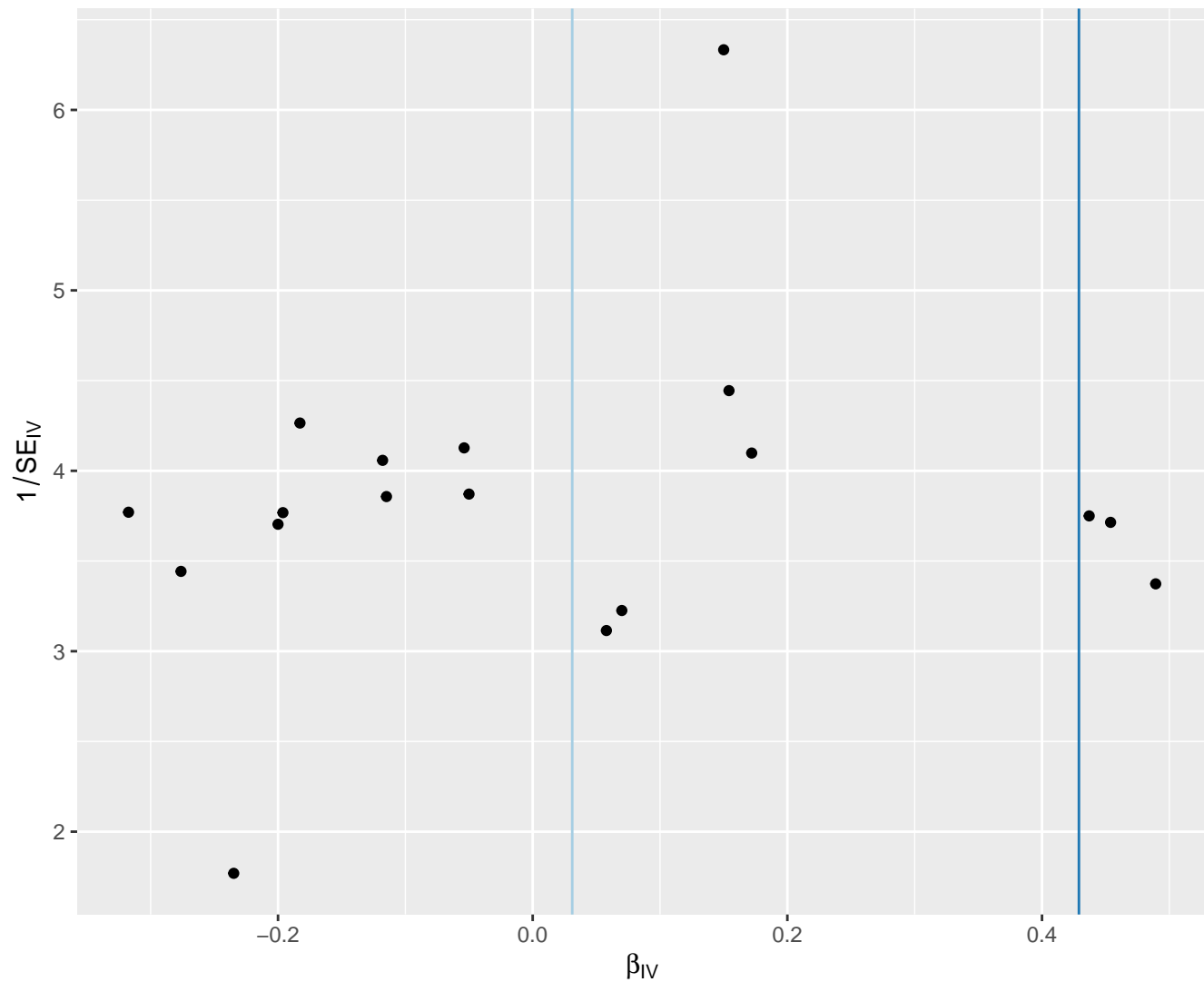
MR Method

- Inverse variance weighted
- MR Egger



Cyclo(leu-pro)

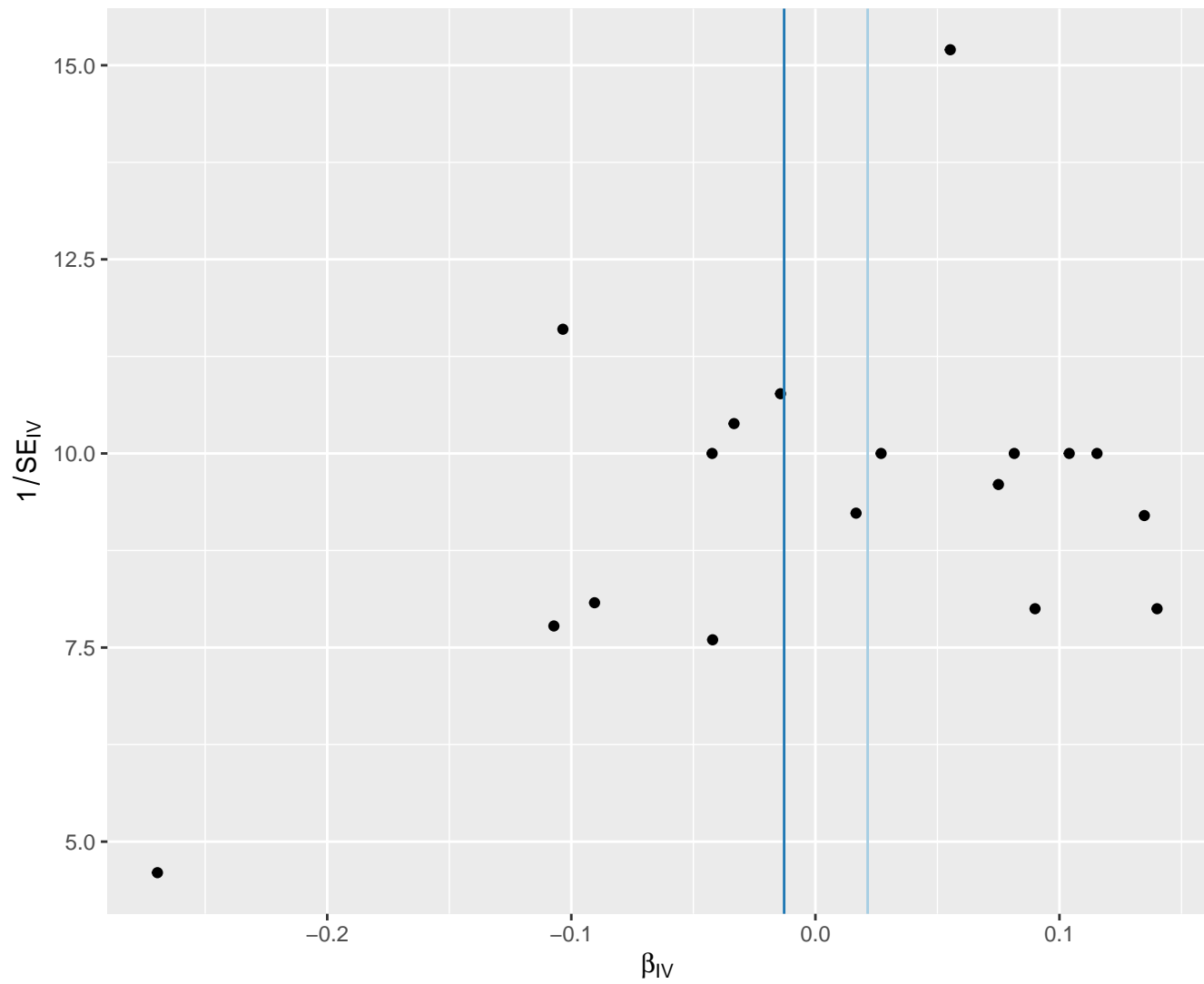
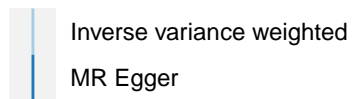
MR Method





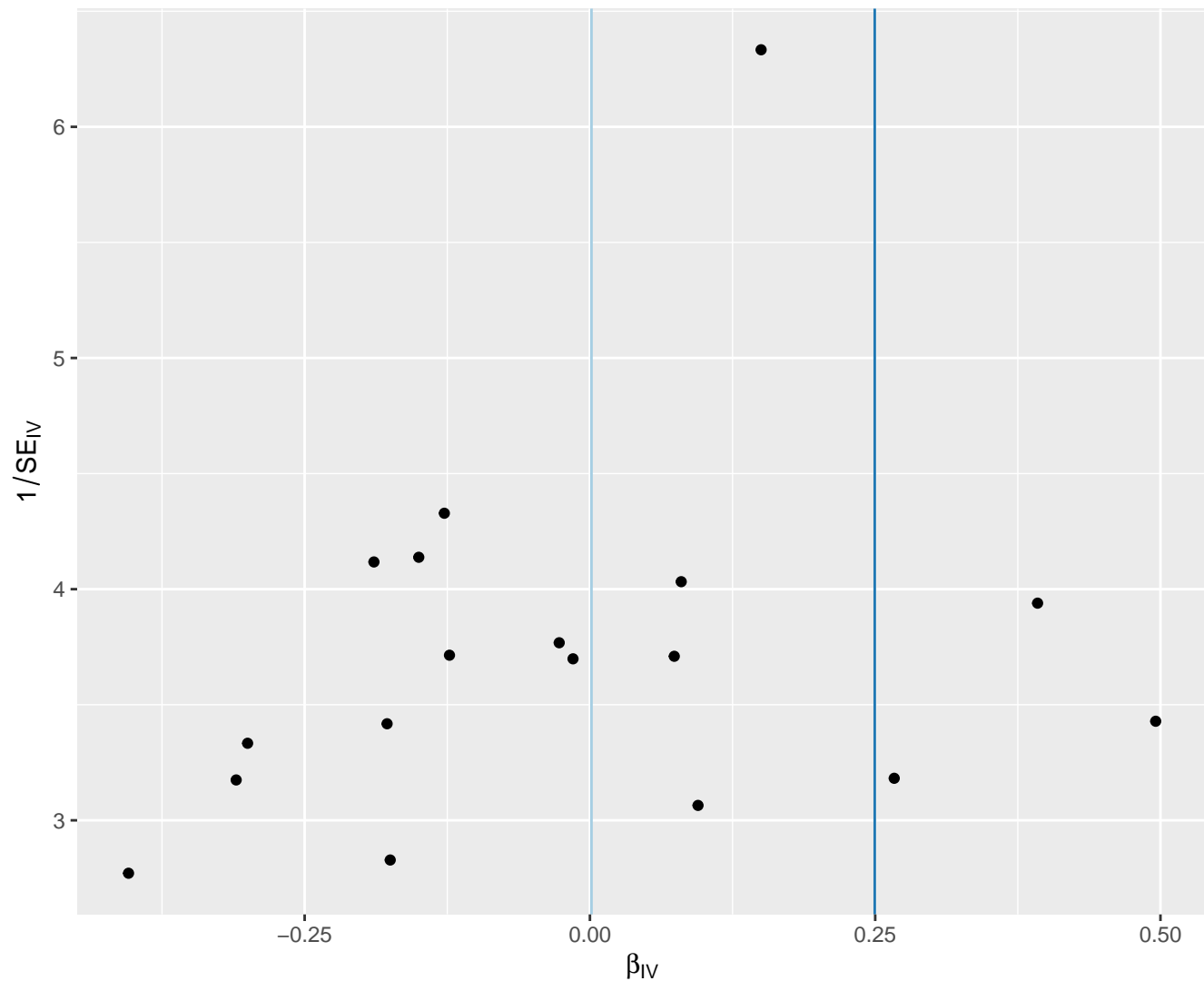
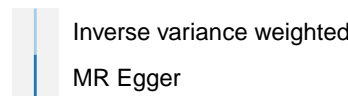
# Cysteine

MR Method



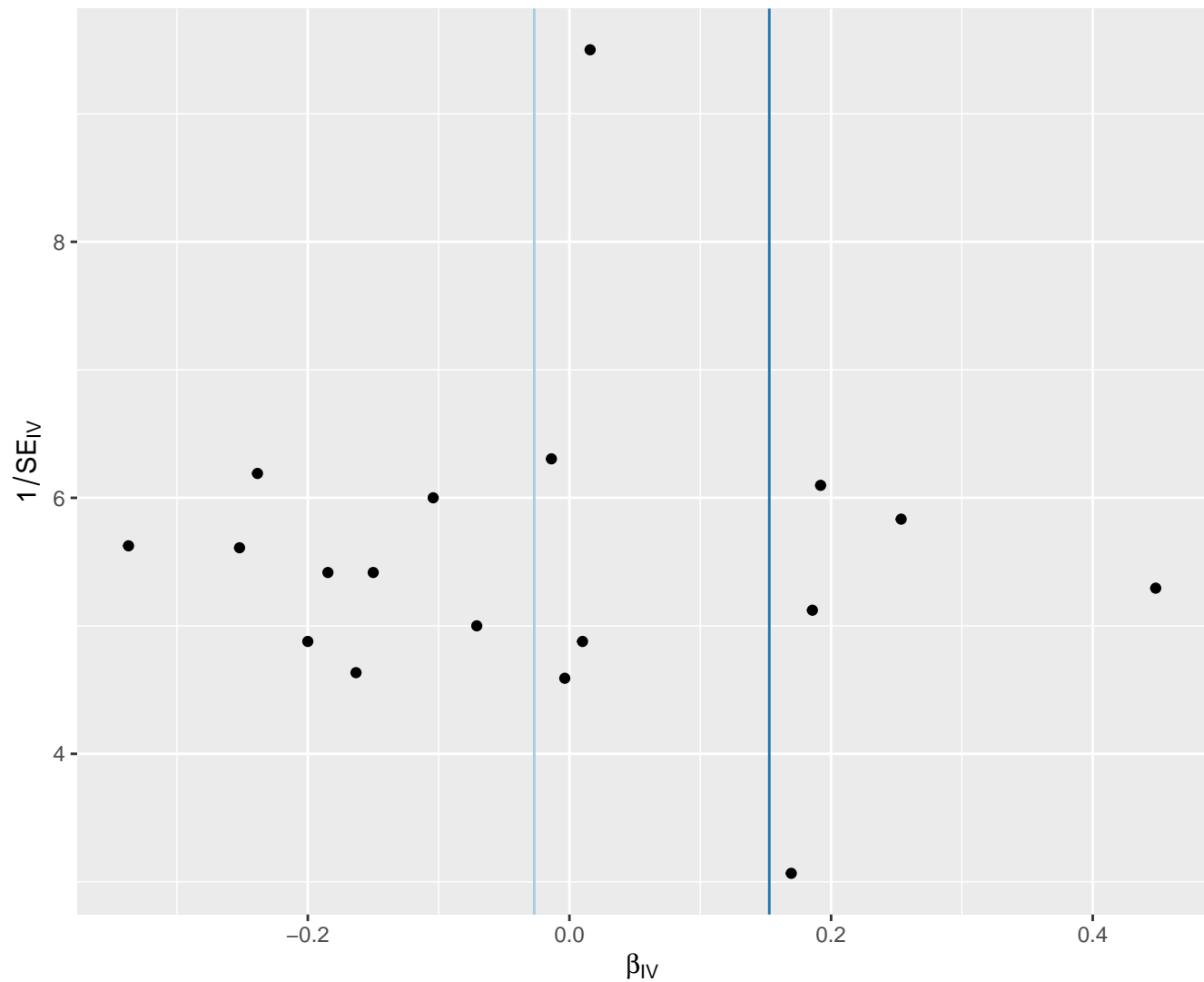
# Cysteine–glutathione disulfide

MR Method



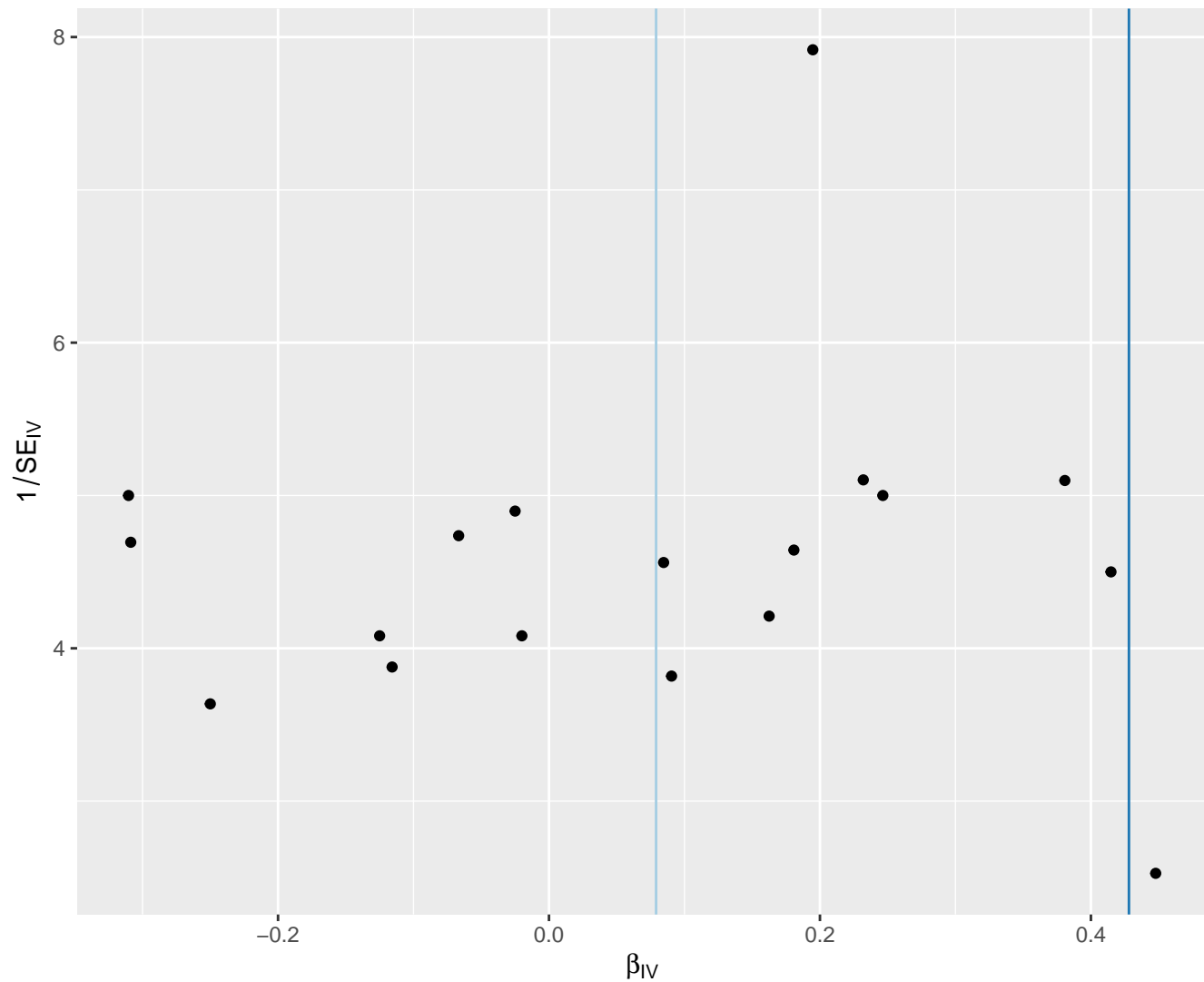
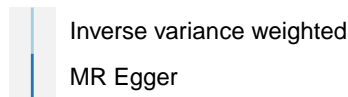
# Decanoylcarnitine

MR Method



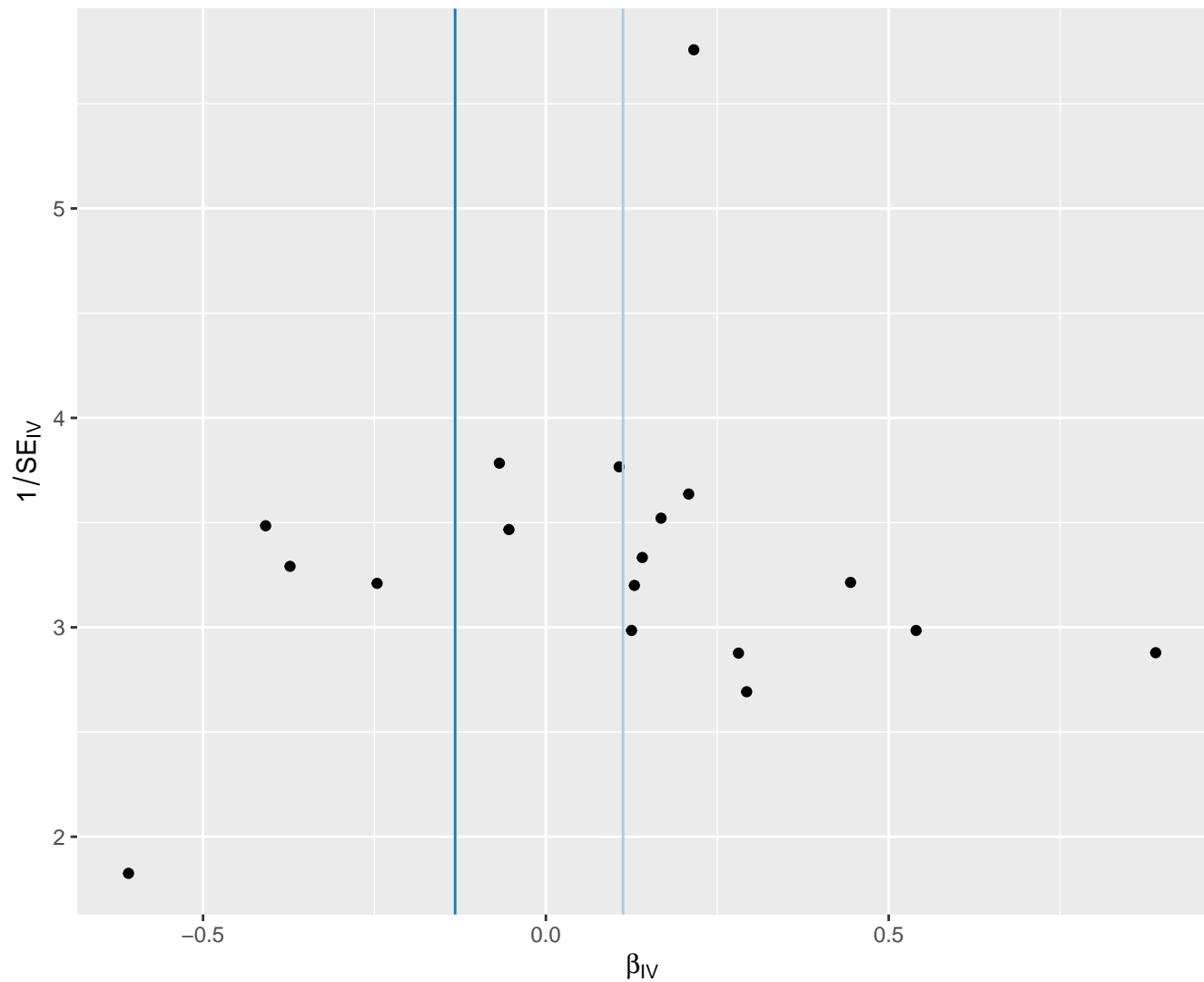
# Dehydroisoandrosterone sulfate (DHEA-S)

MR Method



# Deoxycholate

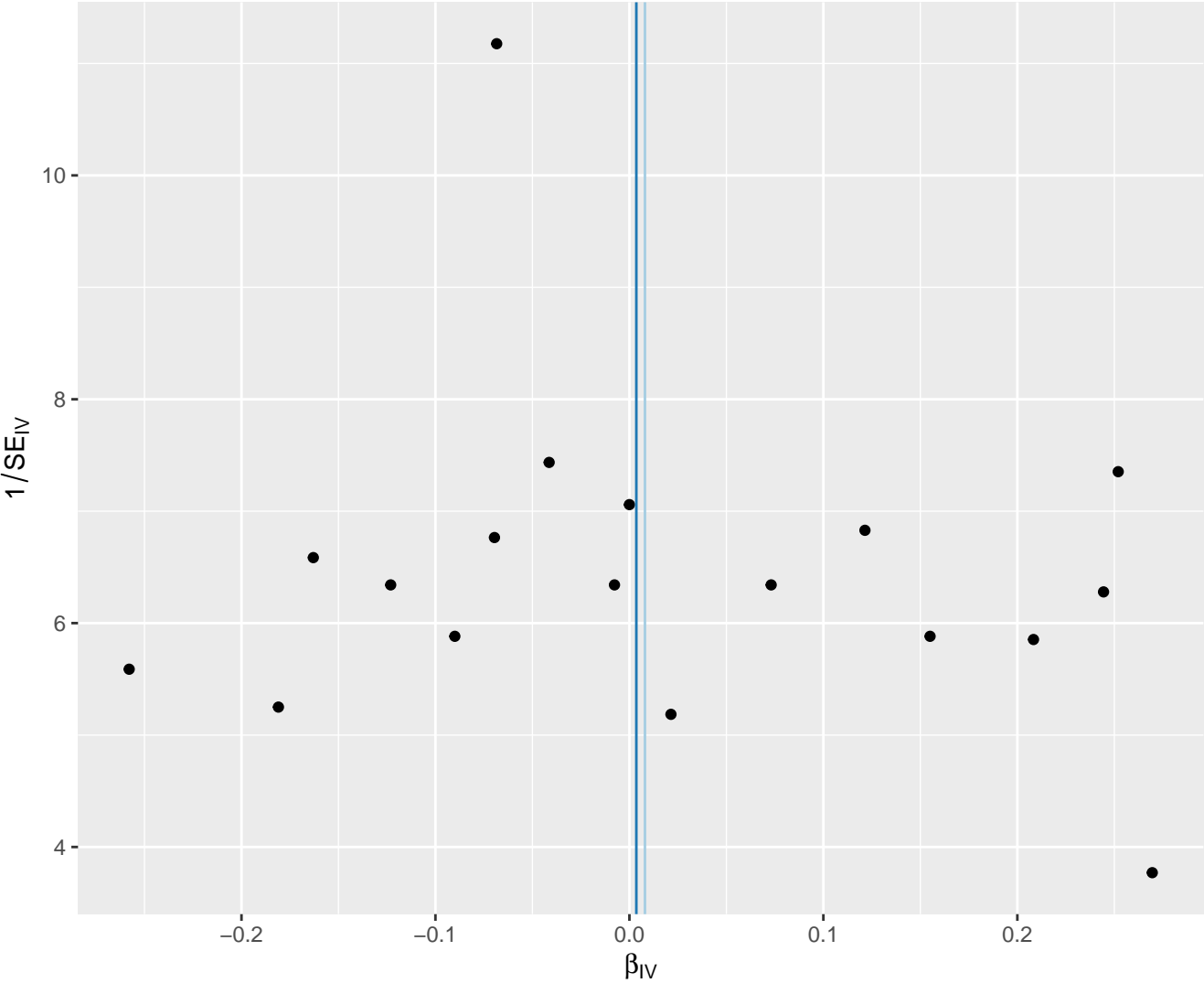
MR Method



Dihomo-linoleate (20:2n6)

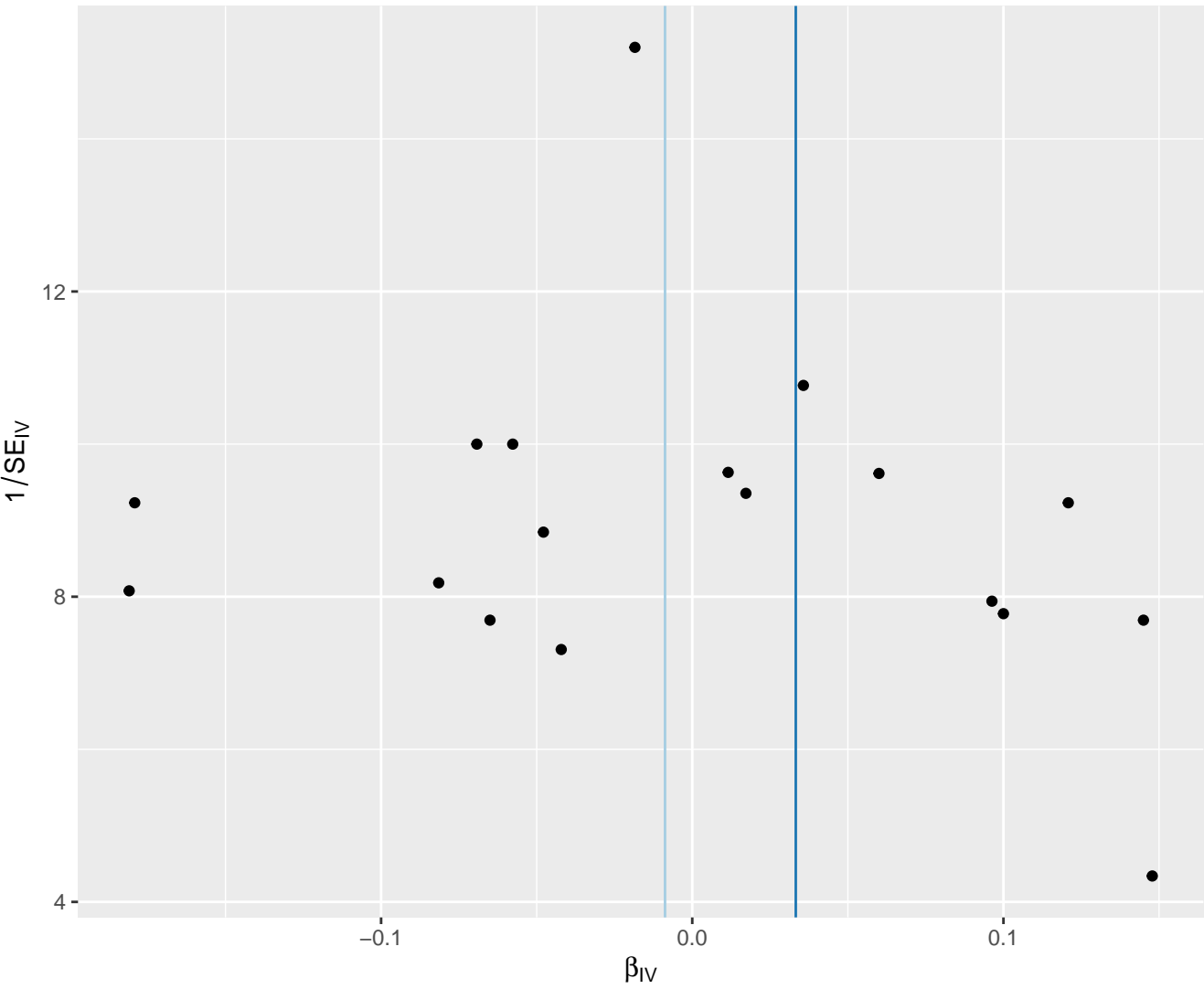
MR Method

- Inverse variance weighted
- MR Egger



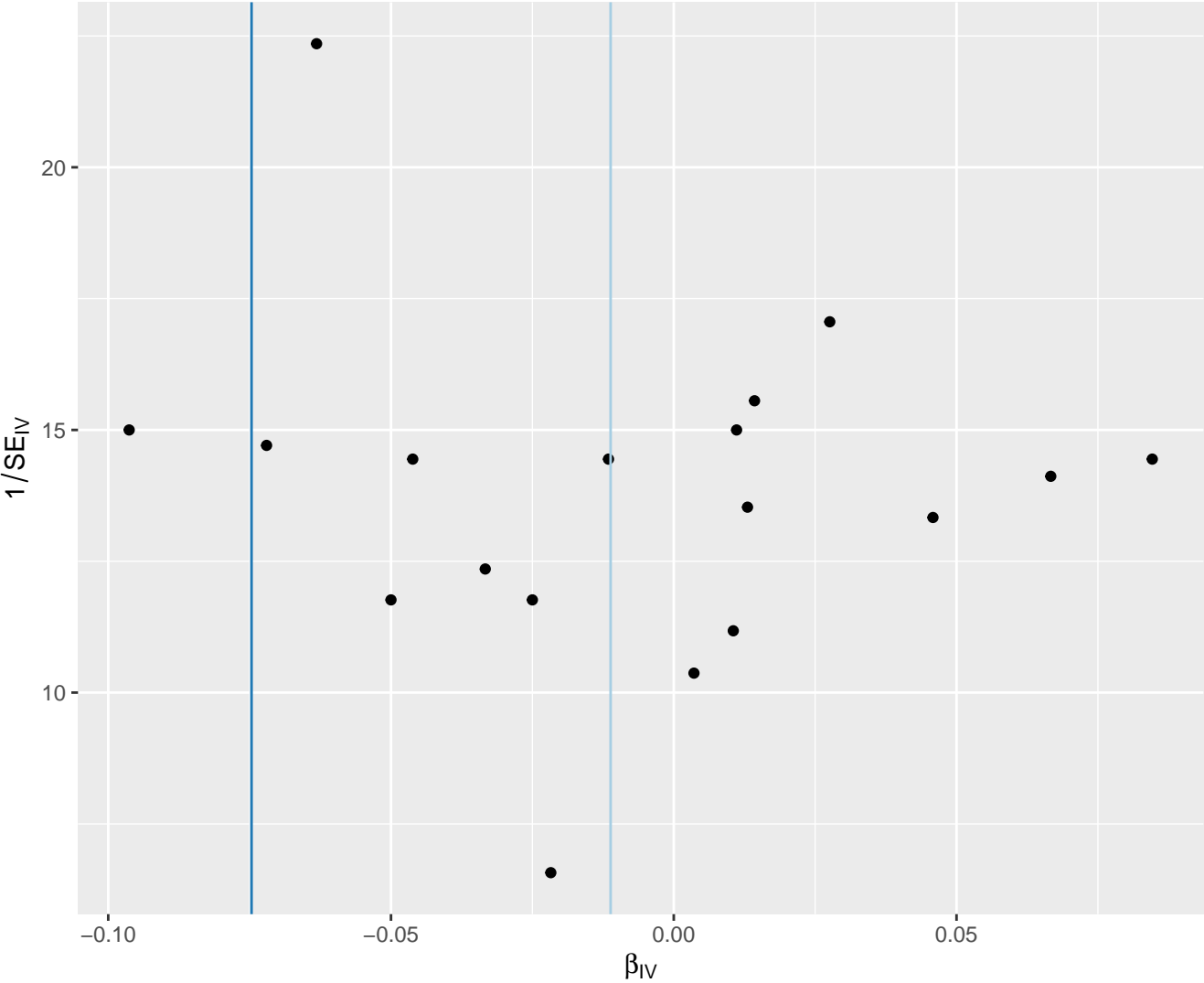
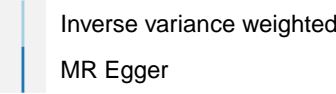
Dihomo–linolenate (20:3n3 or n6)

MR Method



Dimethylarginine (SDMA + ADMA)

MR Method

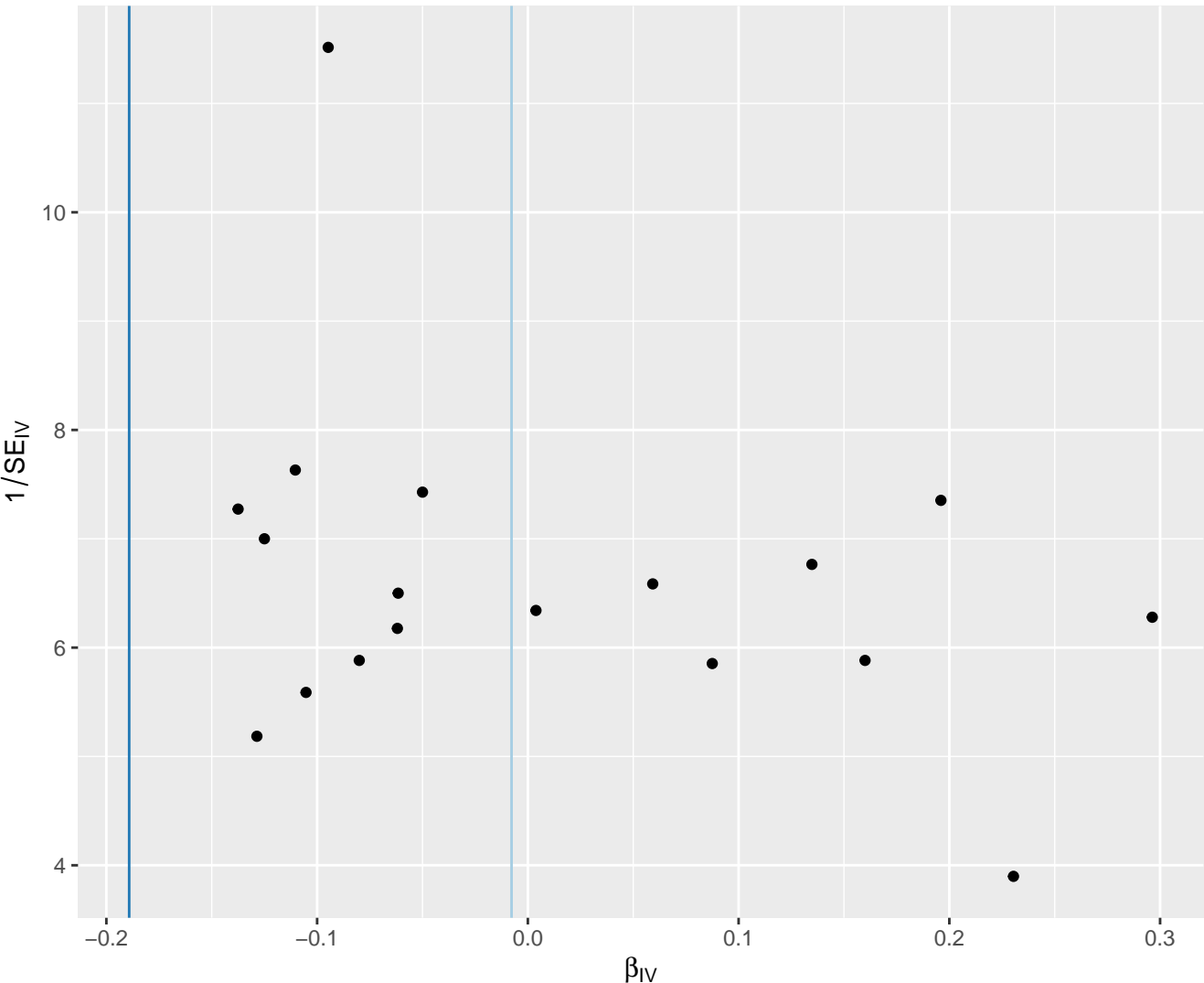




Docosahexaenoate (DHA; 22:6n3)

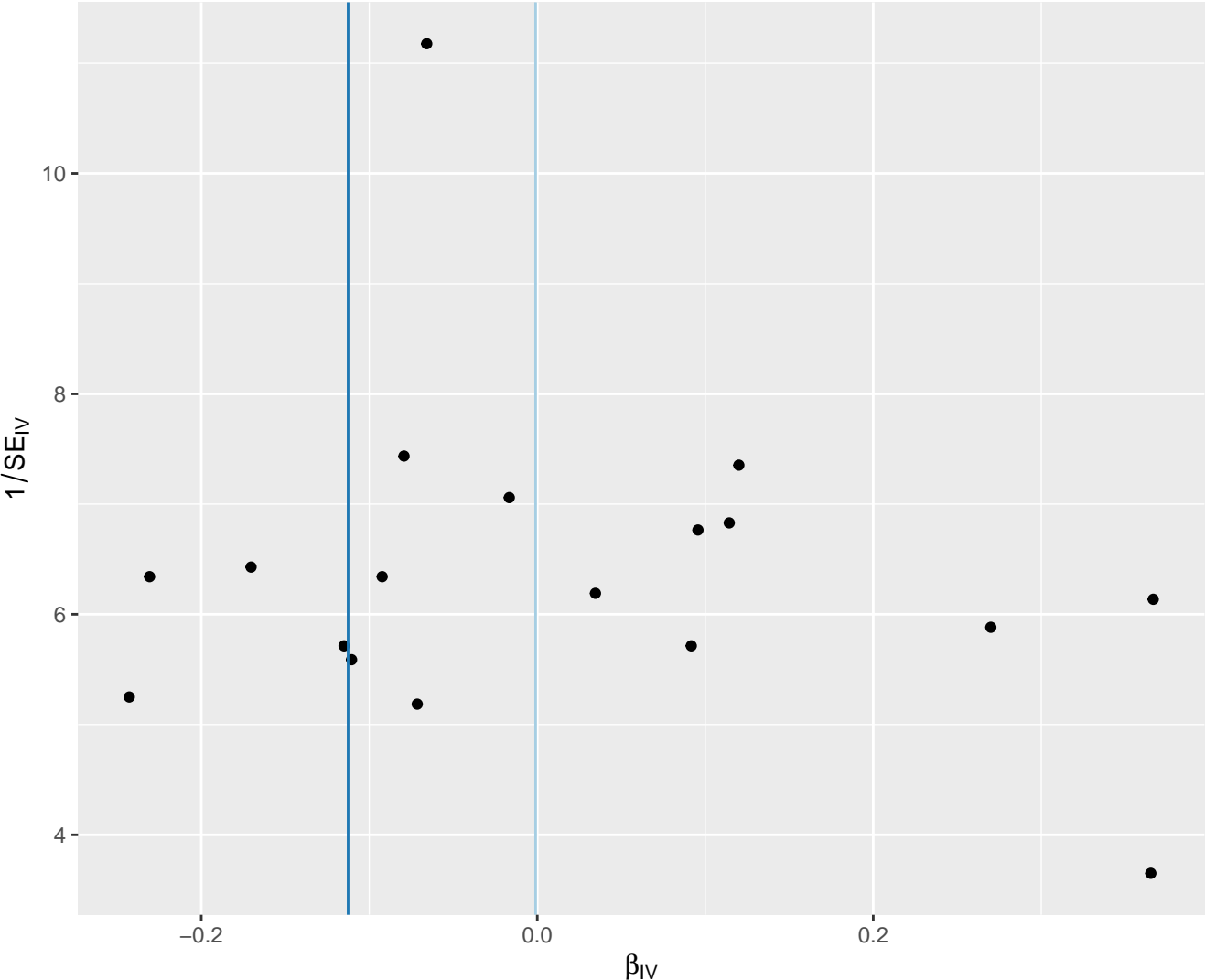
MR Method

- Inverse variance weighted
- MR Egger



Docosapentaenoate (n3 DPA; 22:5n3)

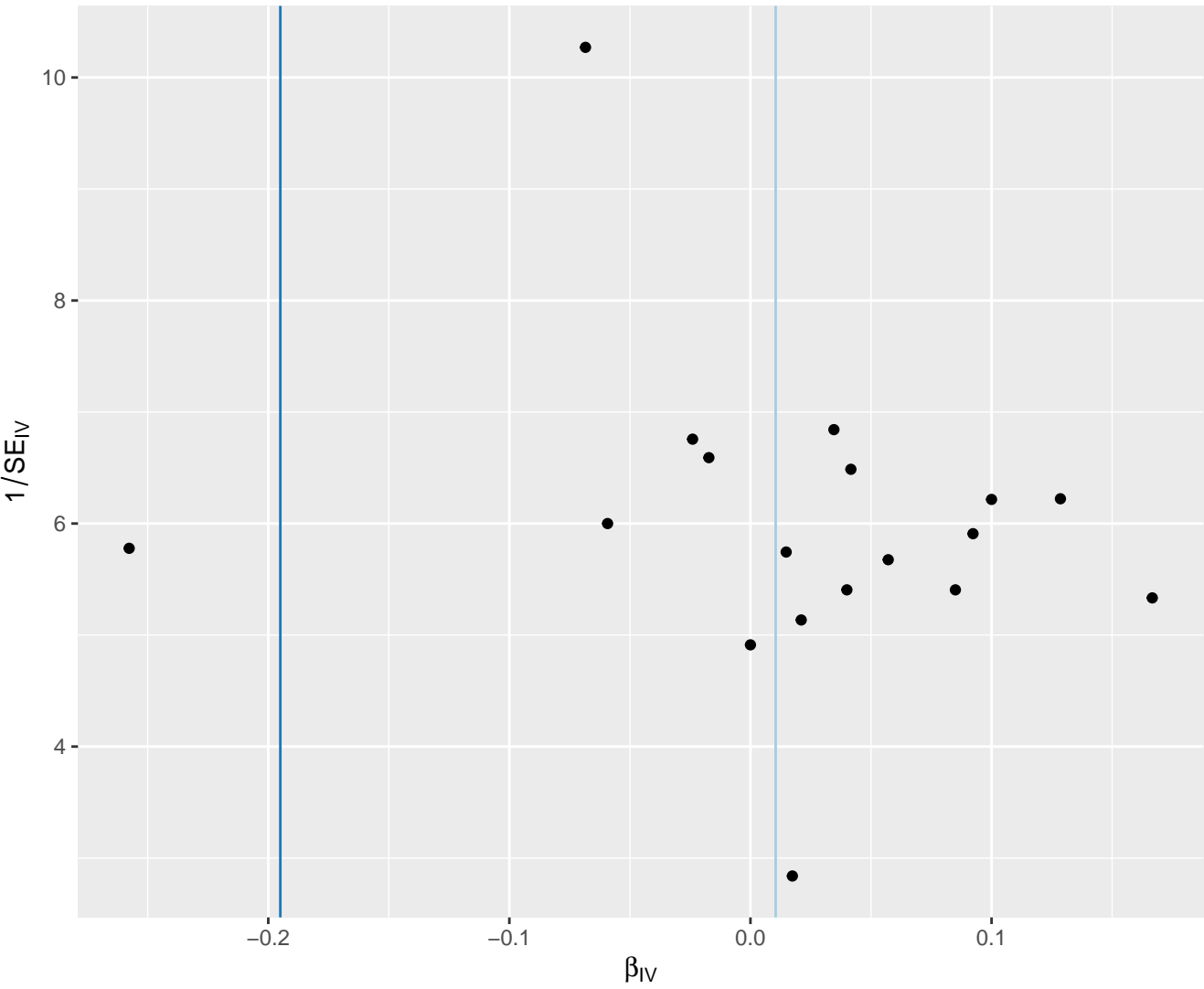
MR Method

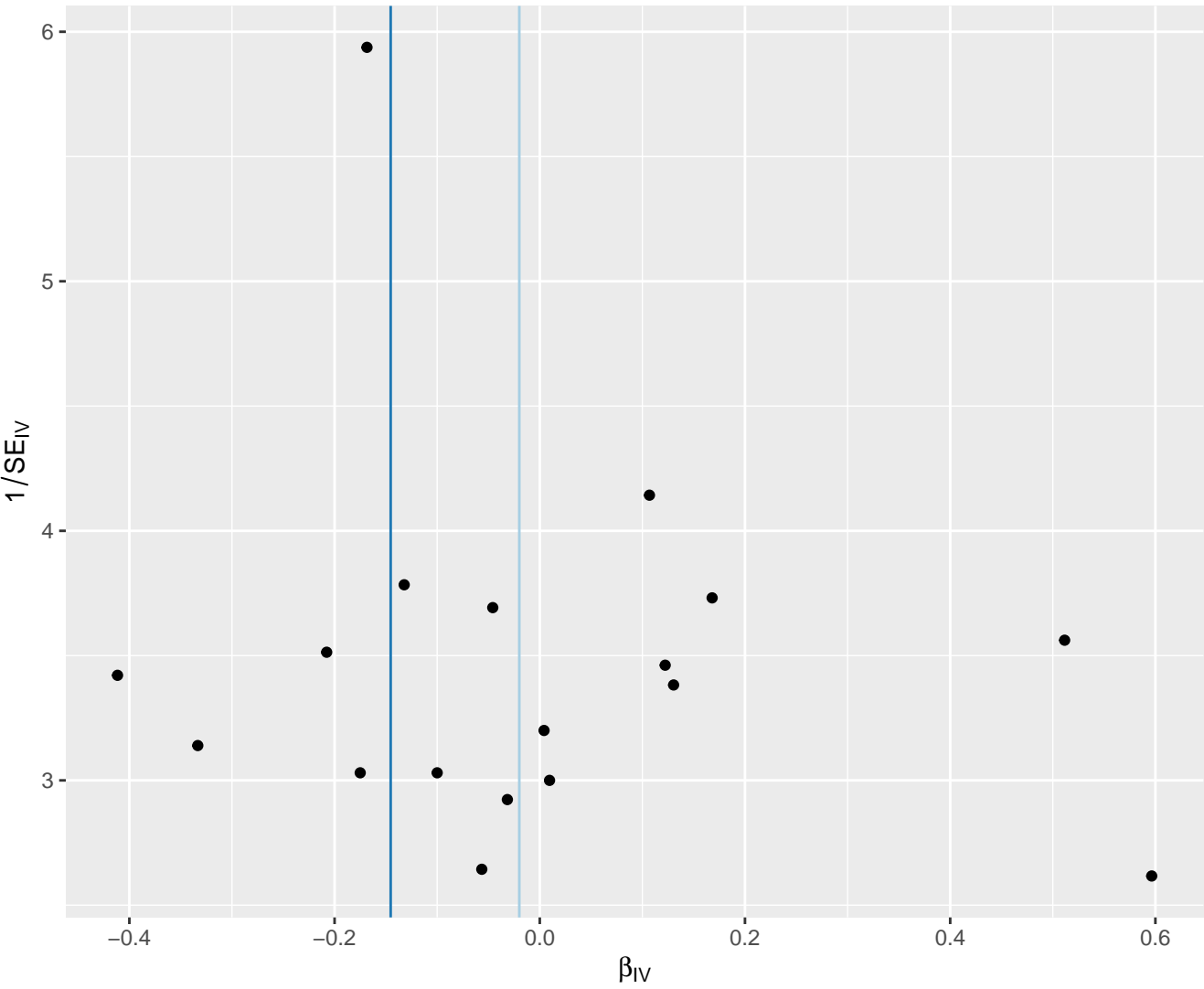
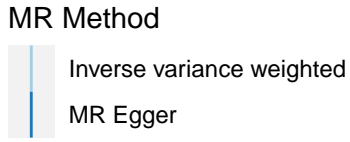


# Dodecanedioate

MR Method

- Inverse variance weighted
- MR Egger





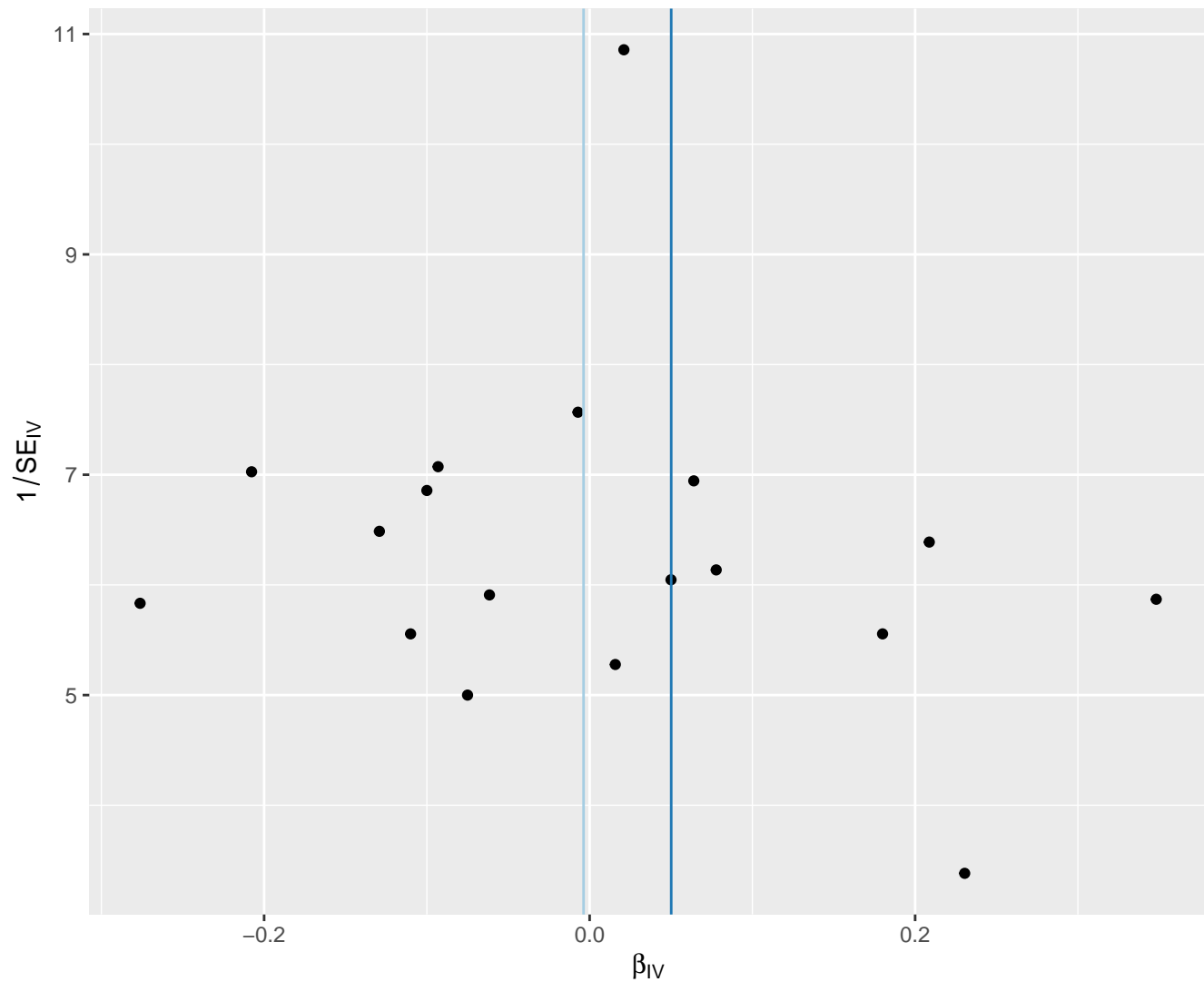
# Eicosapentaenoate (EPA; 20:5n3)

MR Method

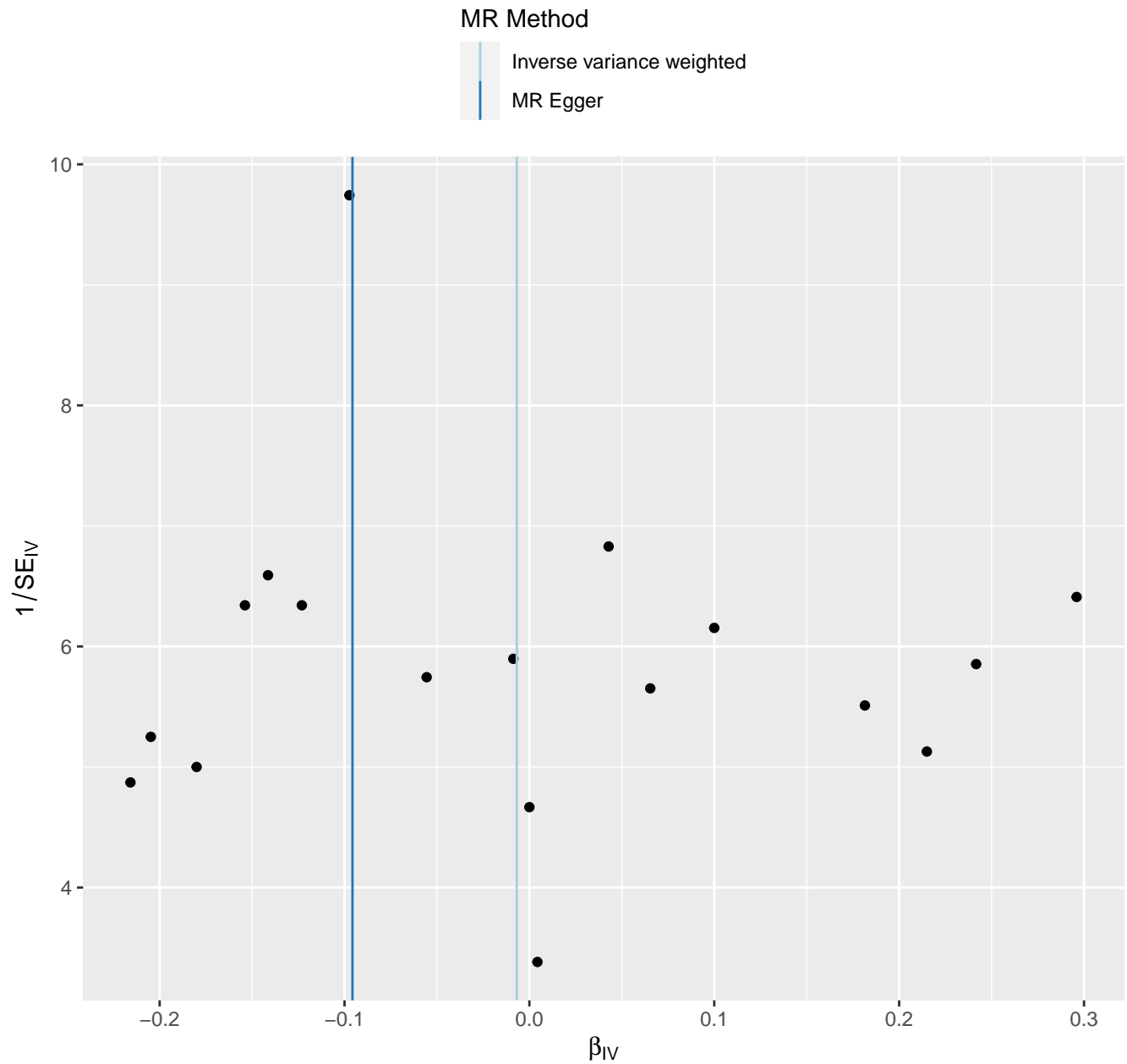


Inverse variance weighted

MR Egger

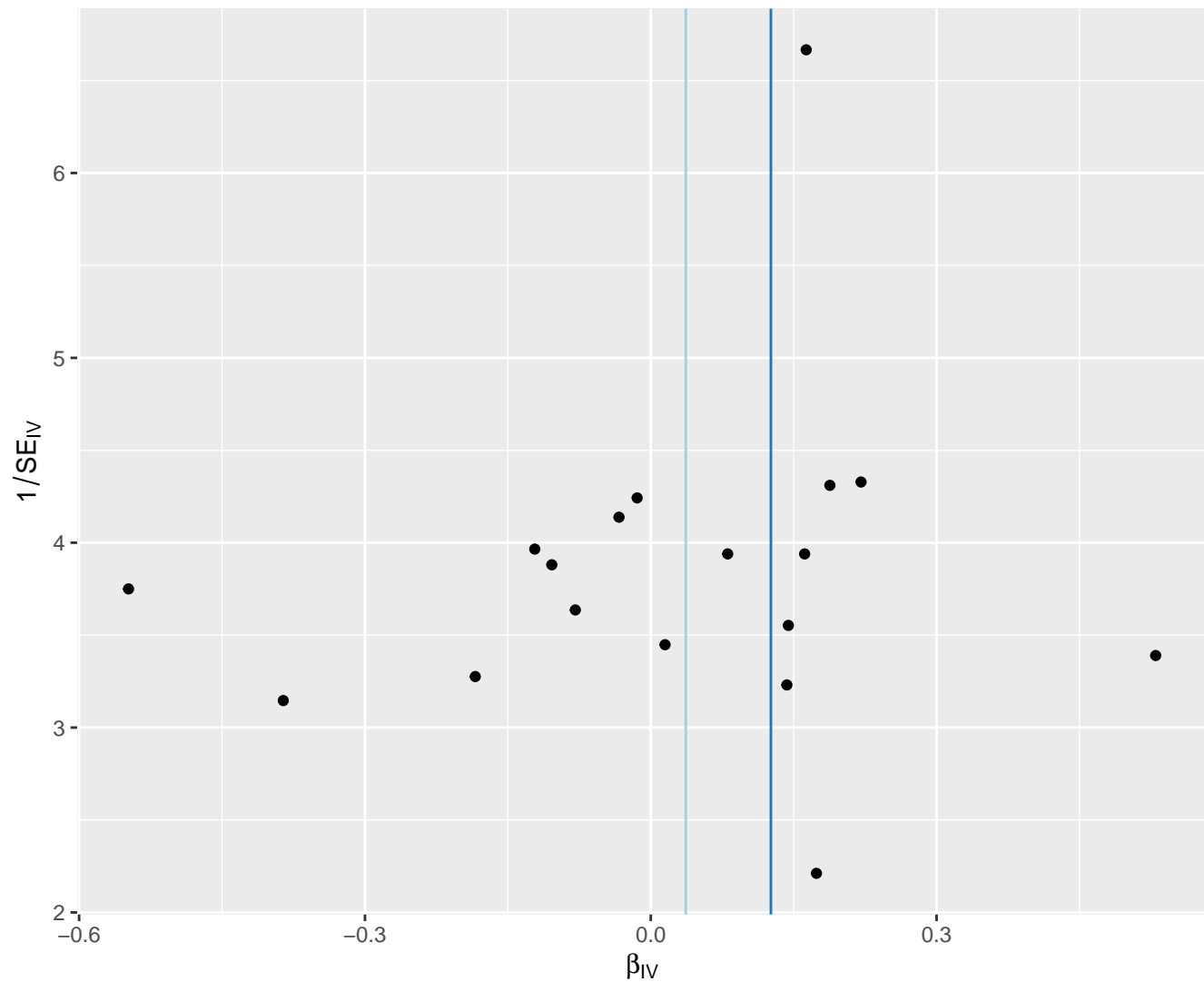
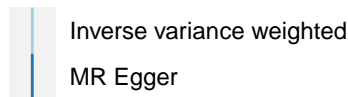


# Eicosenoate (20:1n9 or 11)



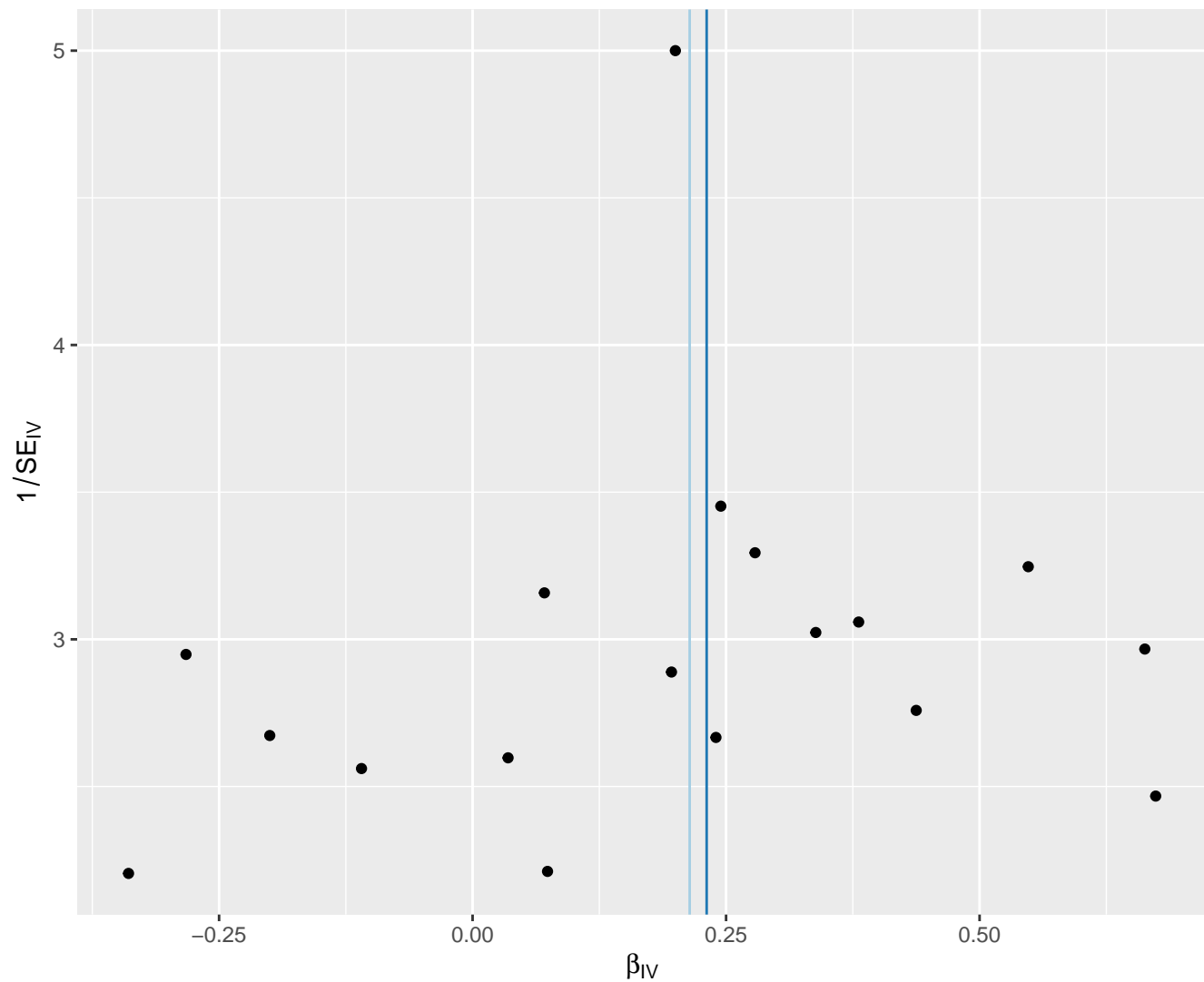
# Epiandrosterone sulfate

MR Method



# Ergothioneine

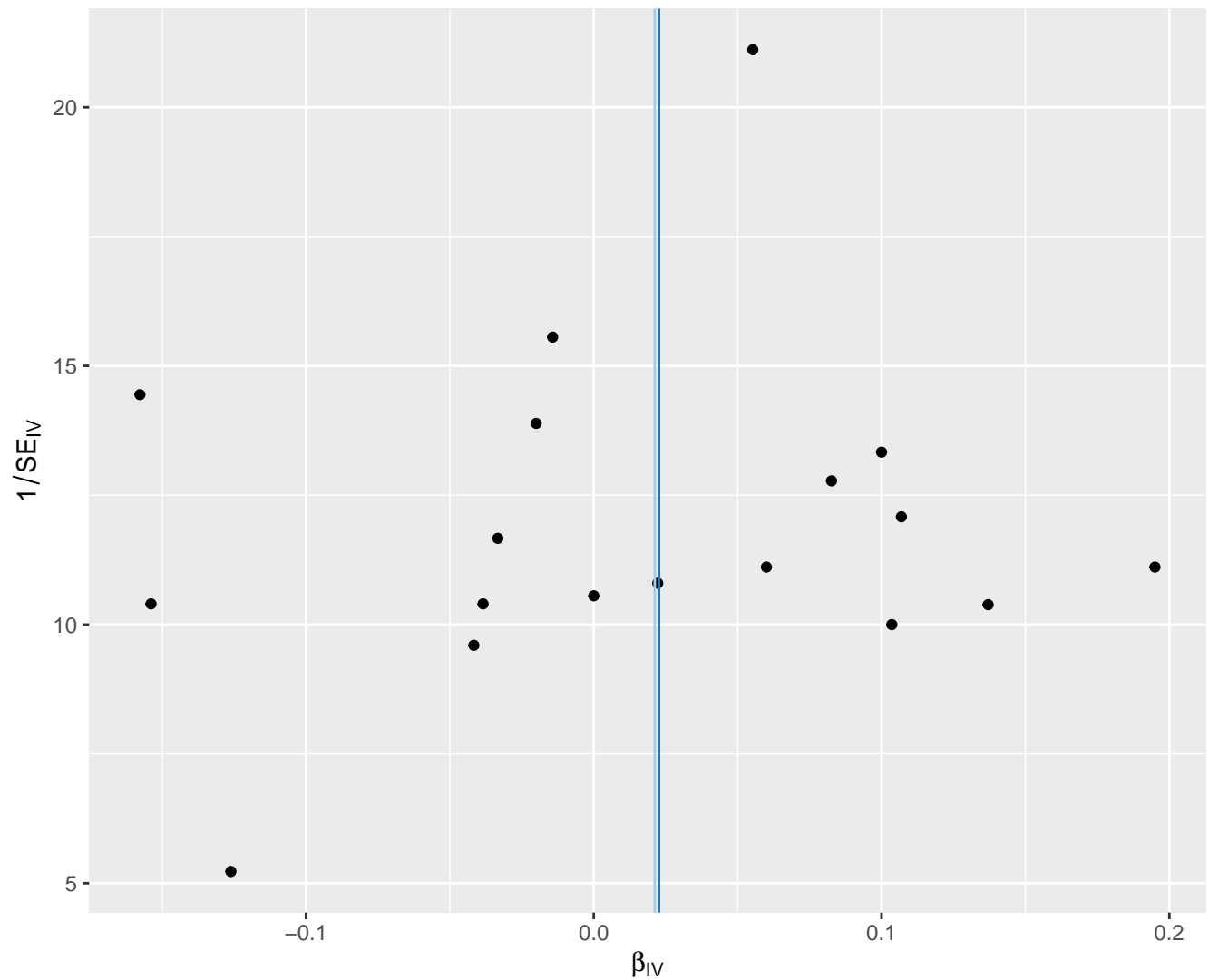
MR Method





Erythronate\*

MR Method



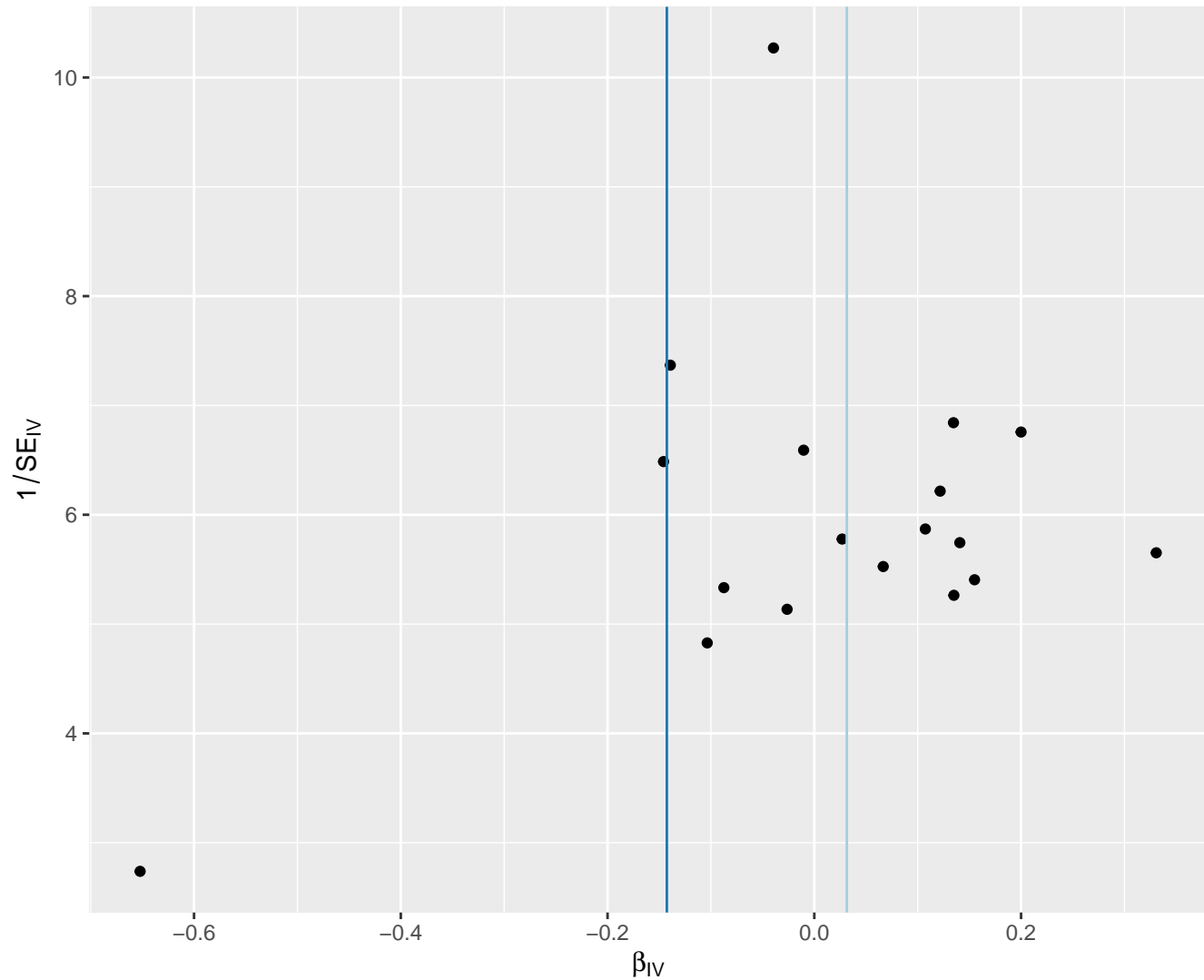
# Erythrore

MR Method



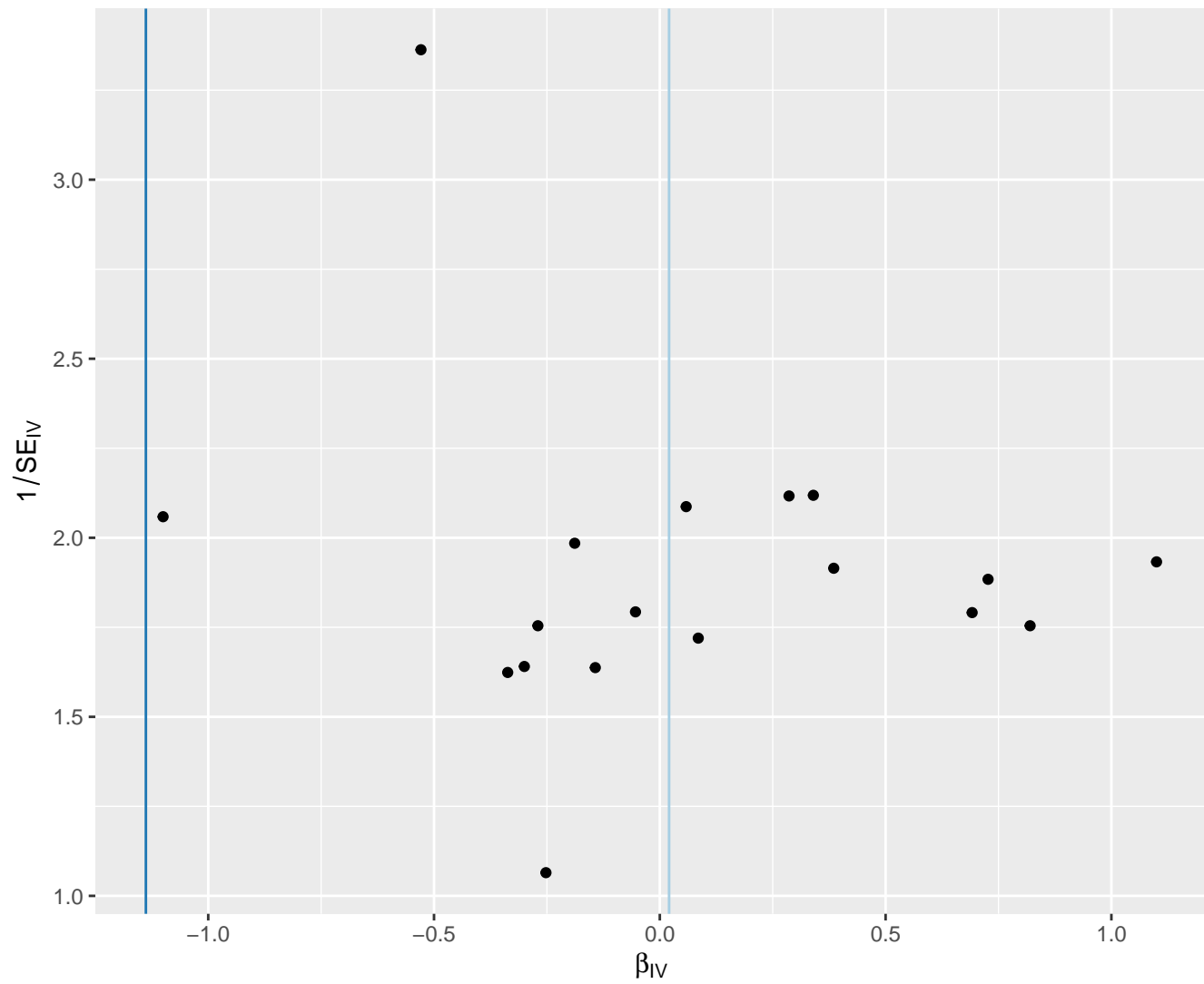
Inverse variance weighted

MR Egger



# Estrone 3-sulfate

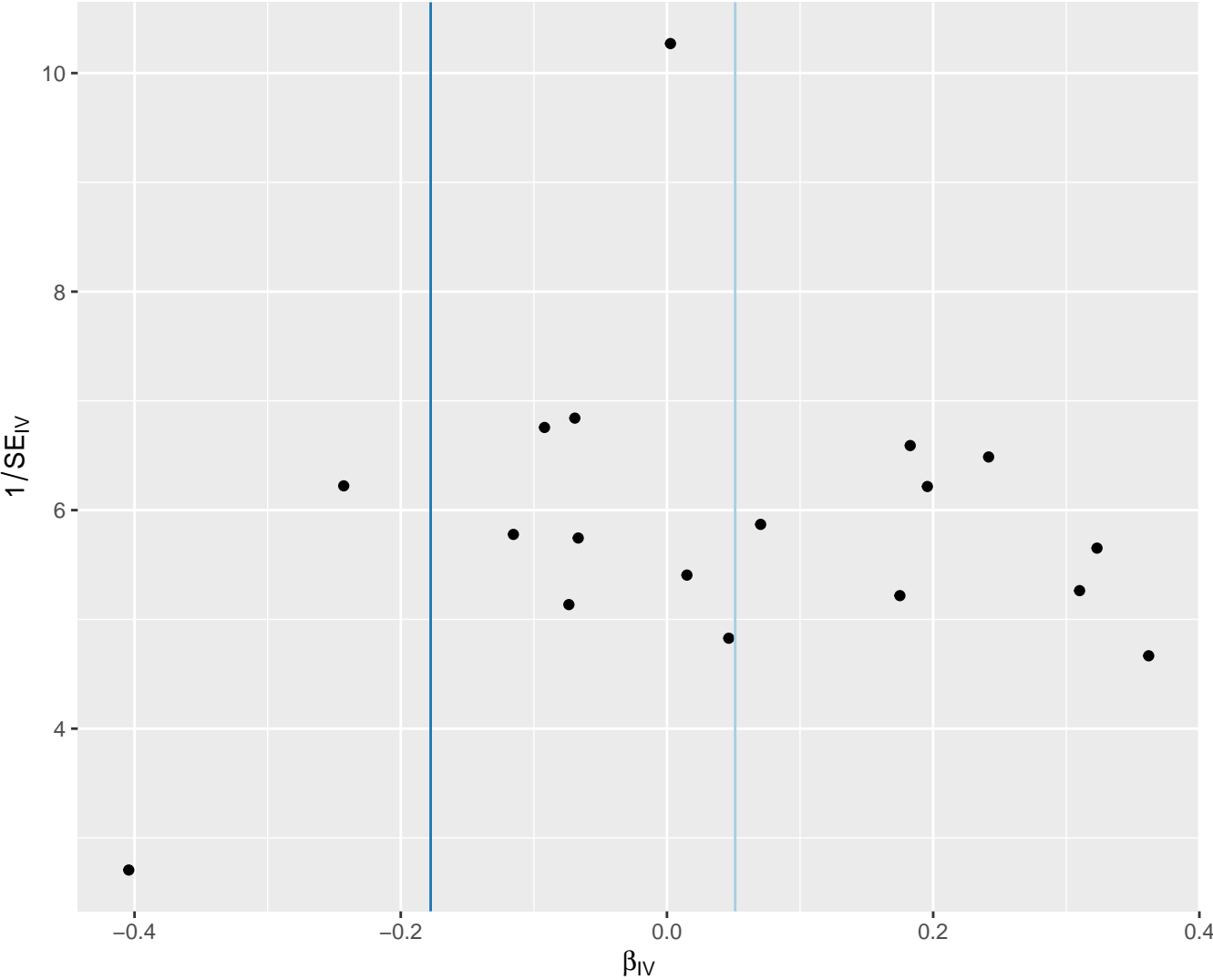
MR Method



# Fructose

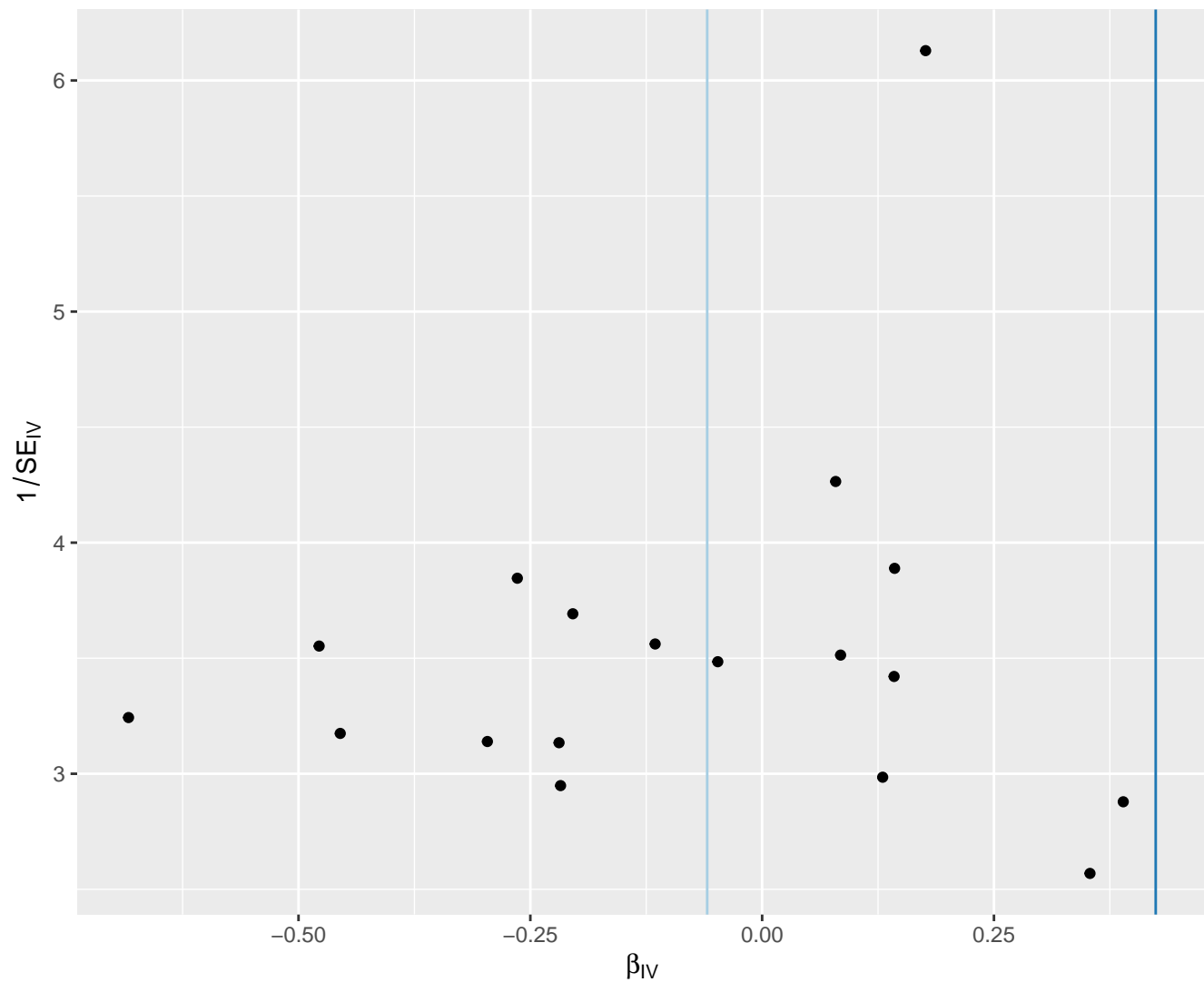
MR Method

- Inverse variance weighted
- MR Egger



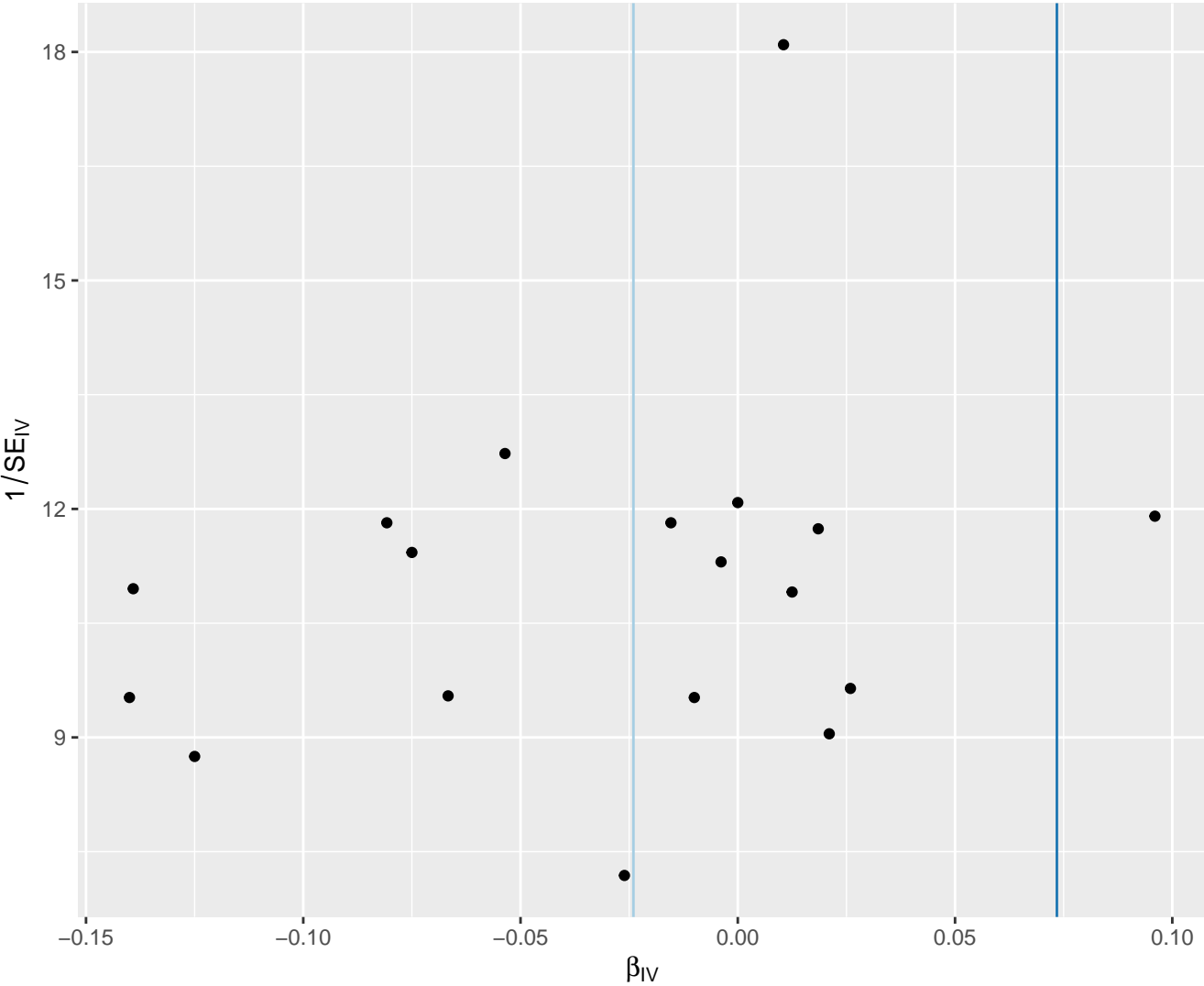
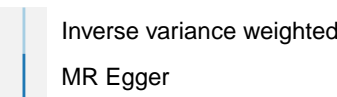
# Gamma-glutamylglutamate

MR Method



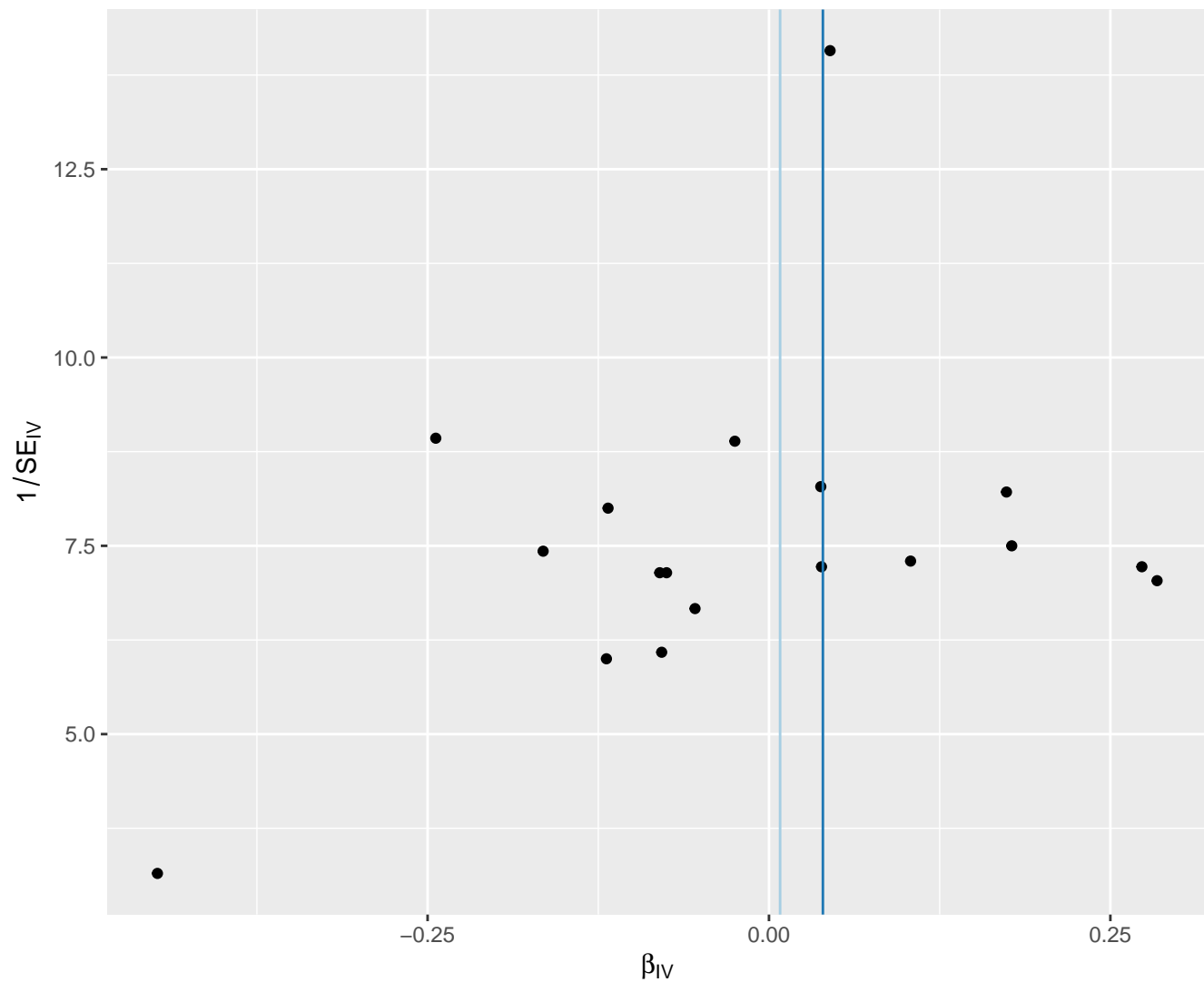
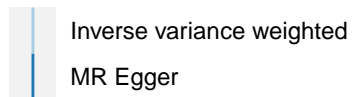
# Gamma-glutamylglutamine

MR Method



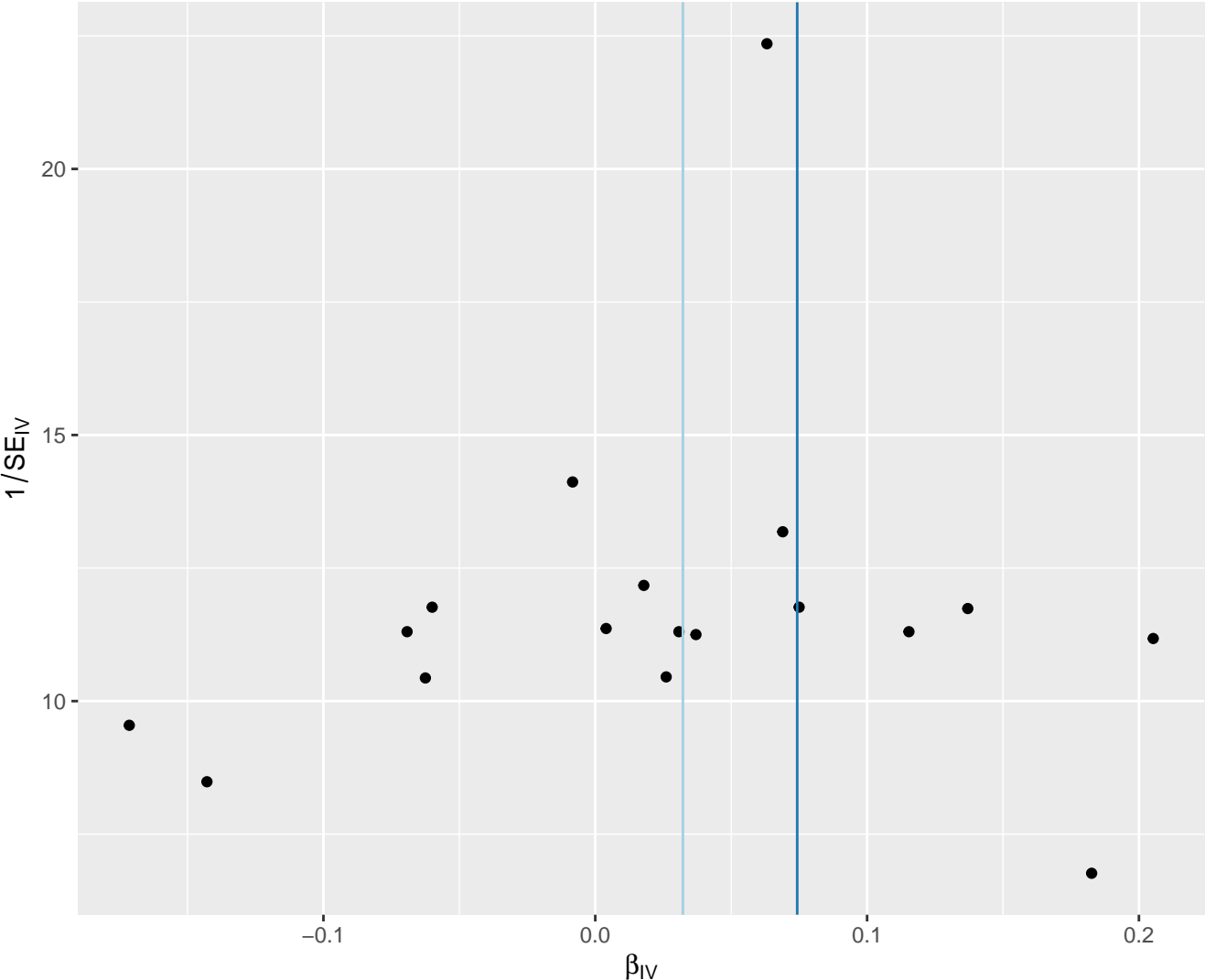
# Gamma-glutamylisoleucine\*

MR Method



# Gamma-glutamylleucine

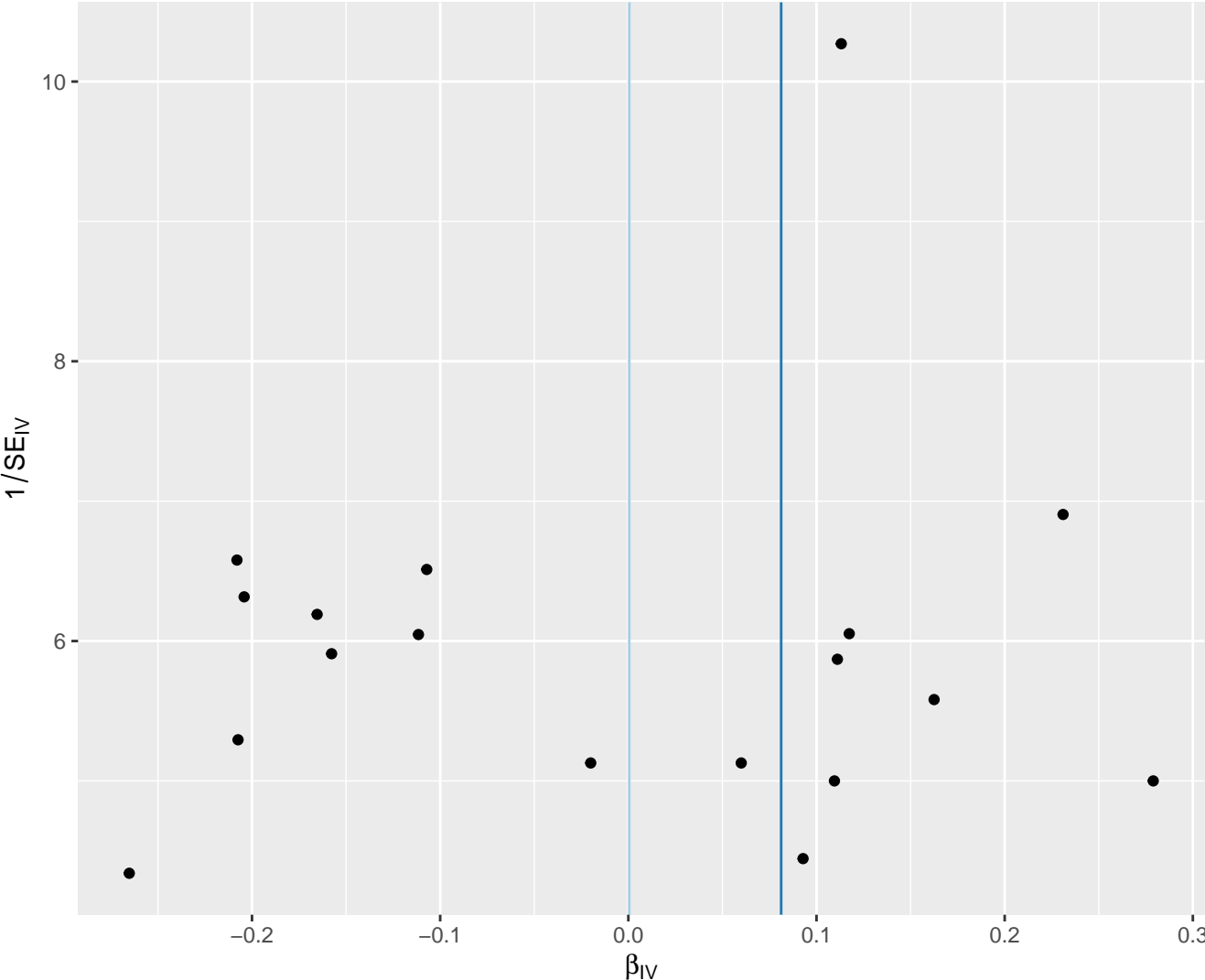
MR Method





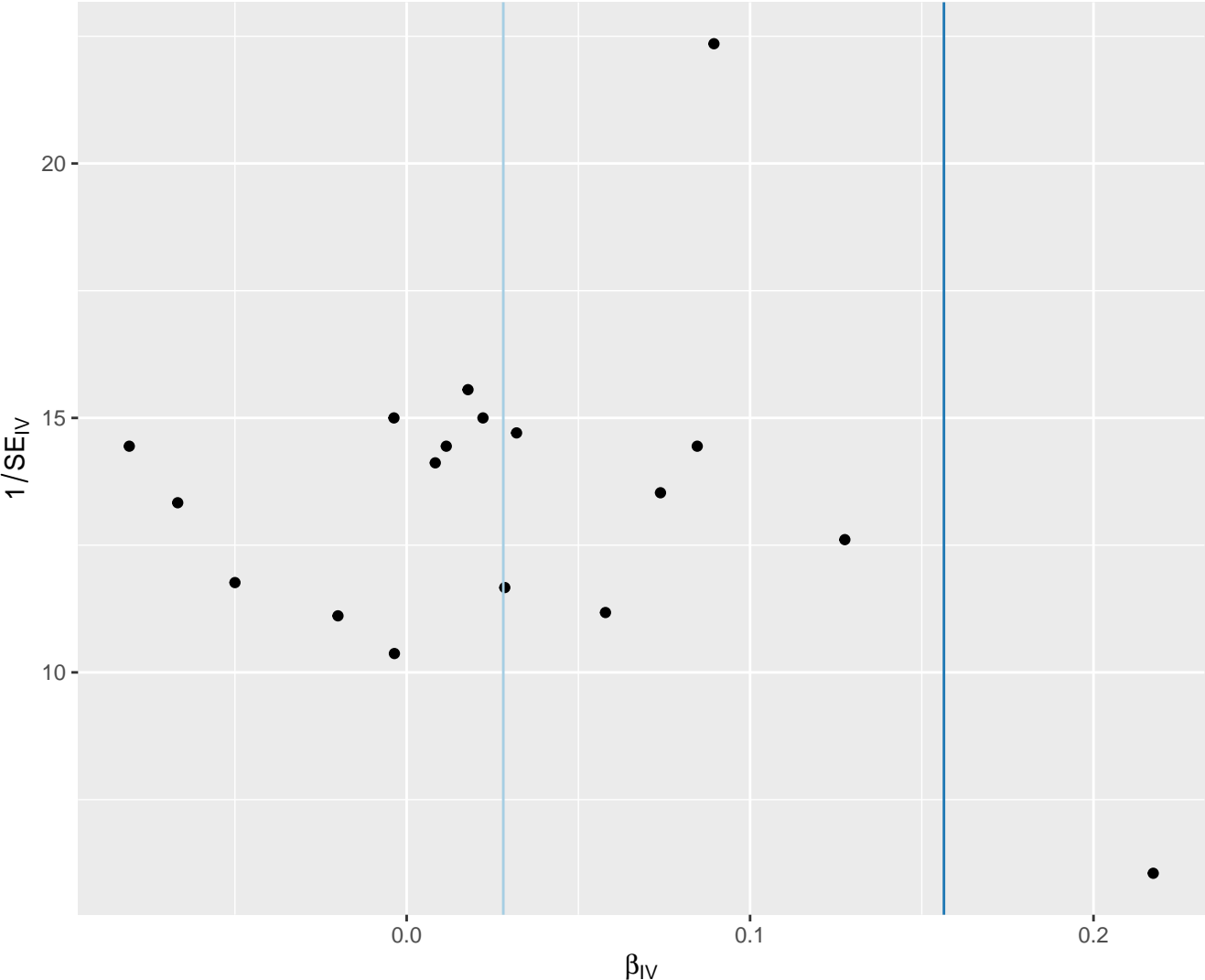
Gamma-glutamylmethionine\*

MR Method



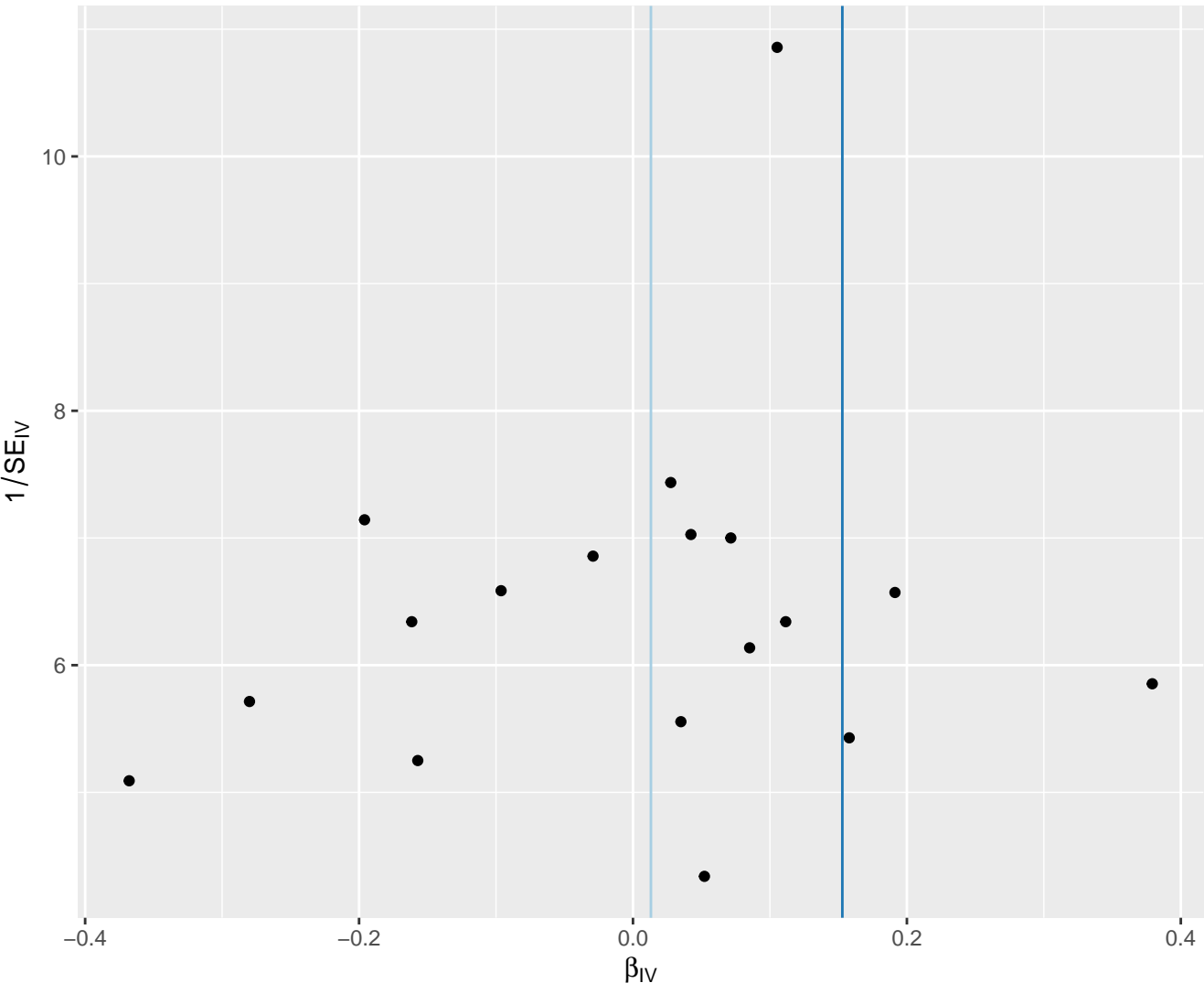
# Gamma-glutamylphenylalanine

MR Method



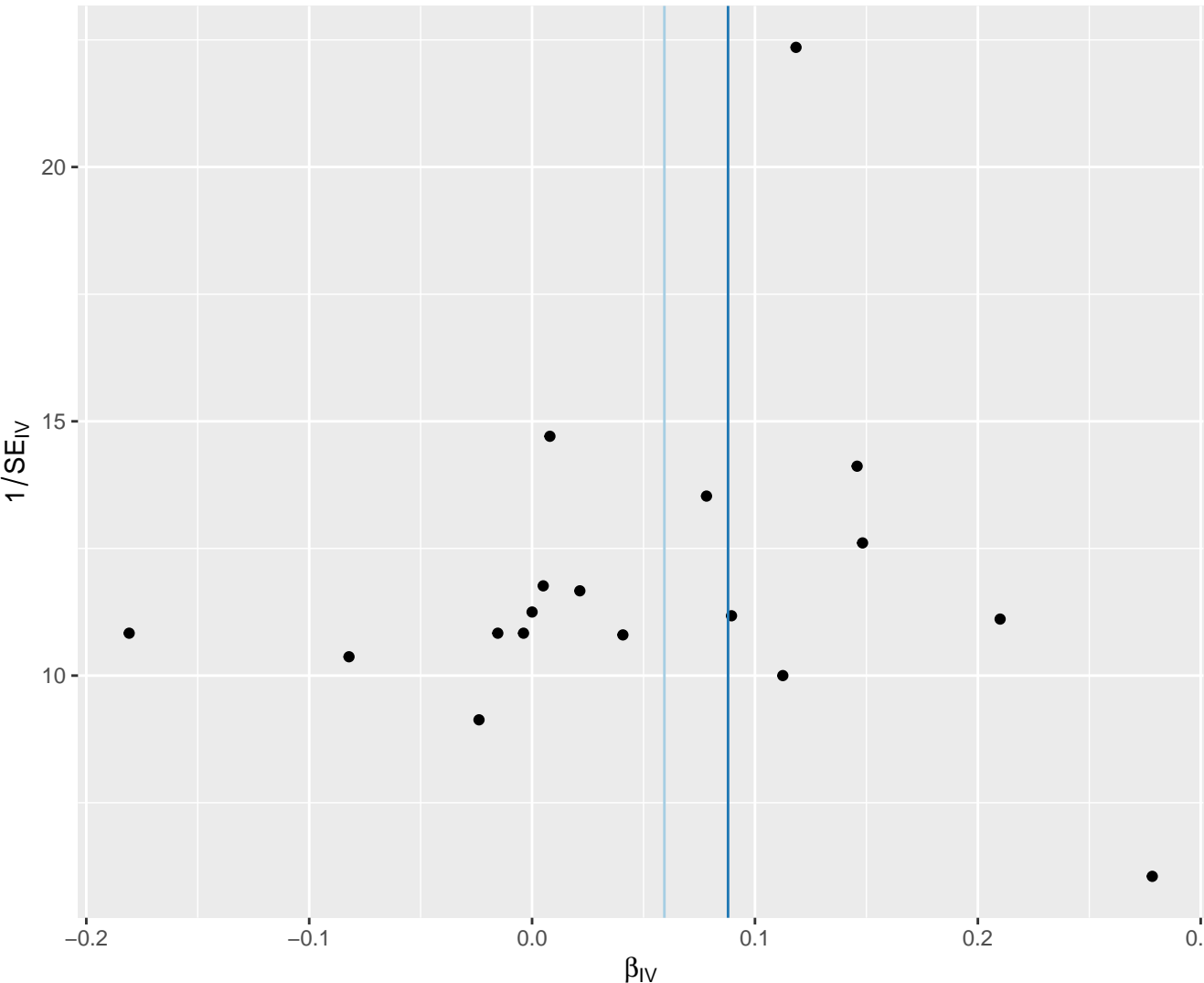
Gamma-glutamylthreonine\*

MR Method



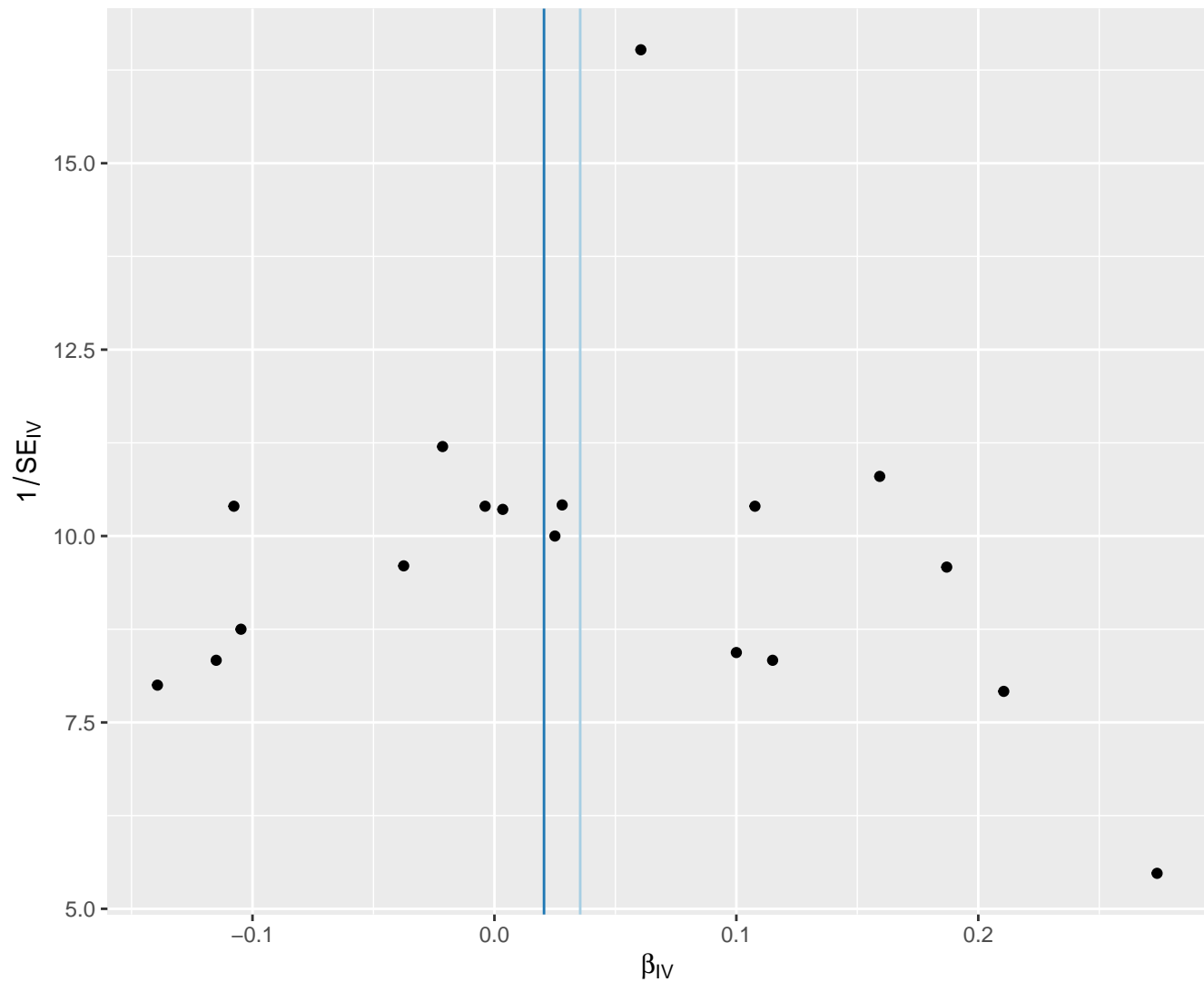
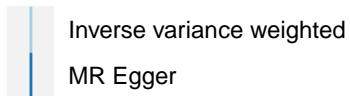
# Gamma-glutamyltyrosine

MR Method



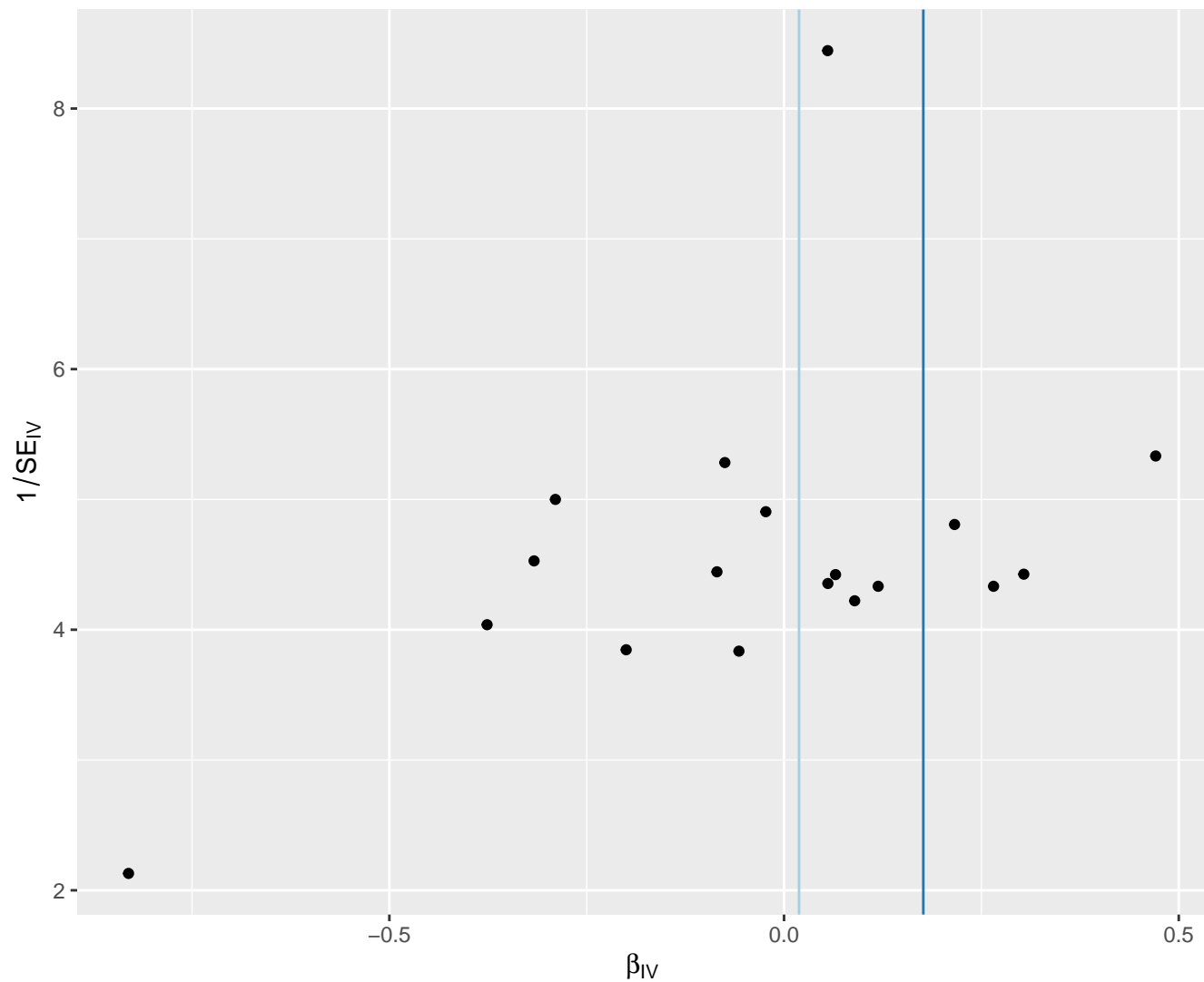
# Gamma-glutamylvaline

MR Method



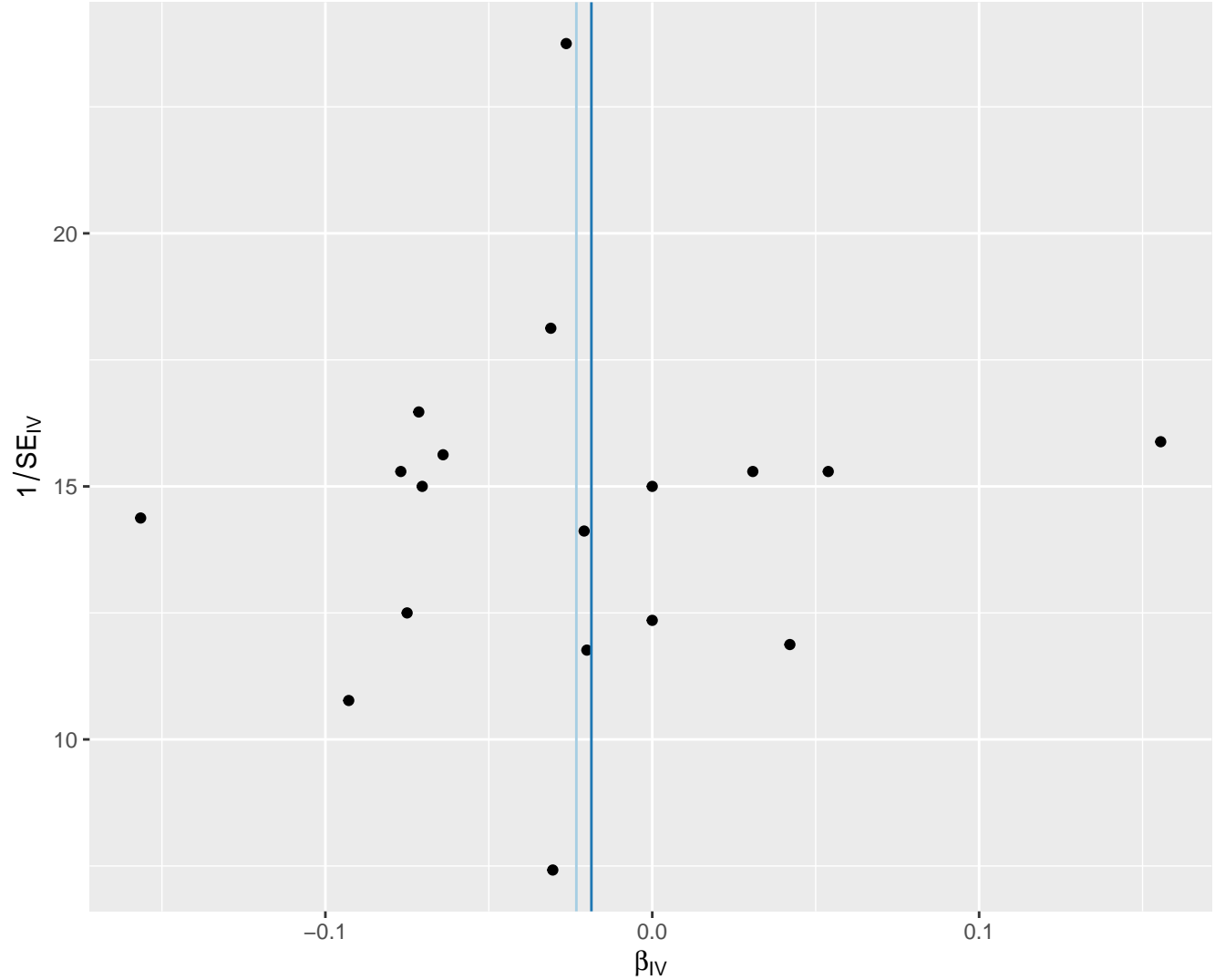
# Gamma-tocopherol

MR Method



# Glucose

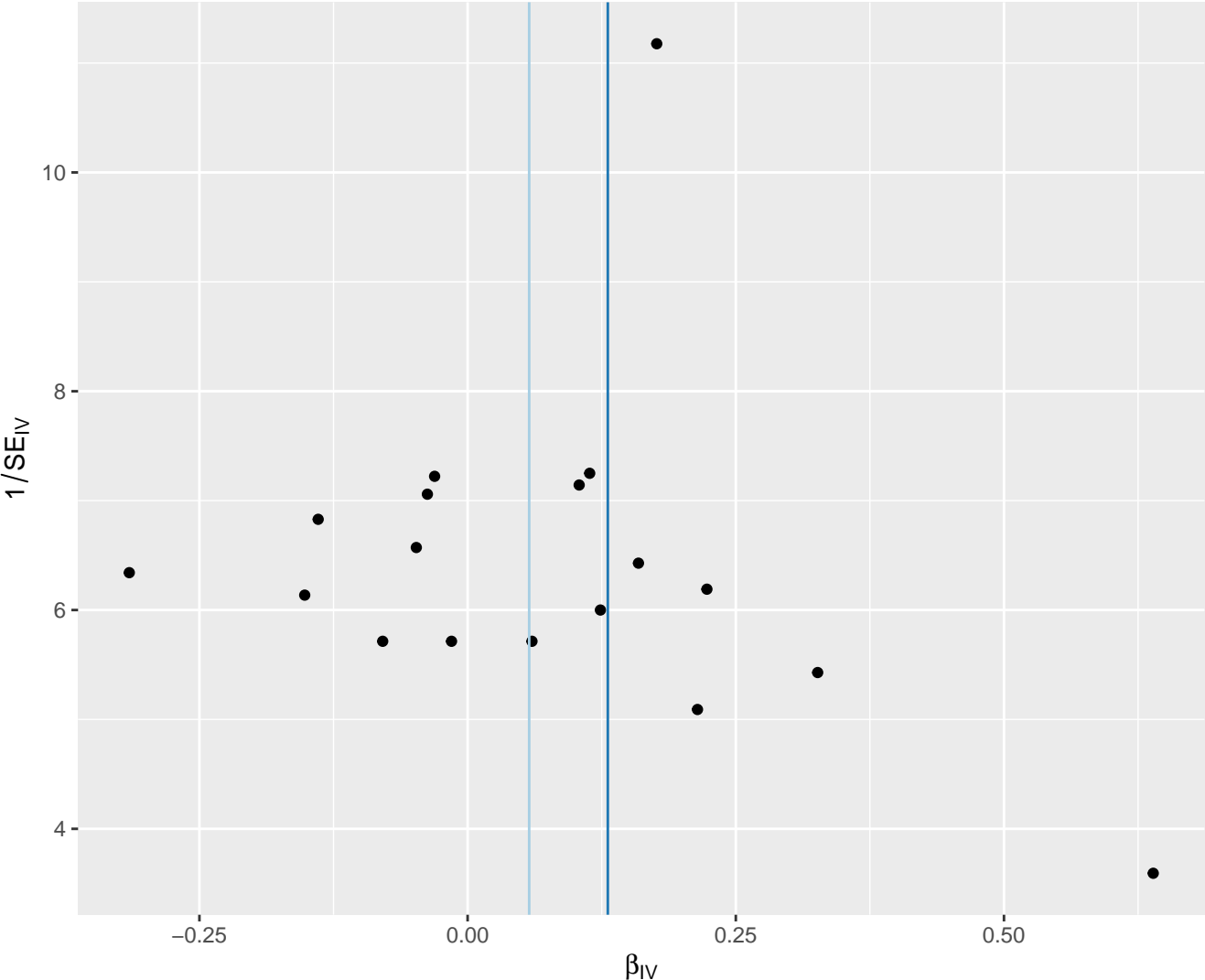
MR Method



# Glutamate

MR Method

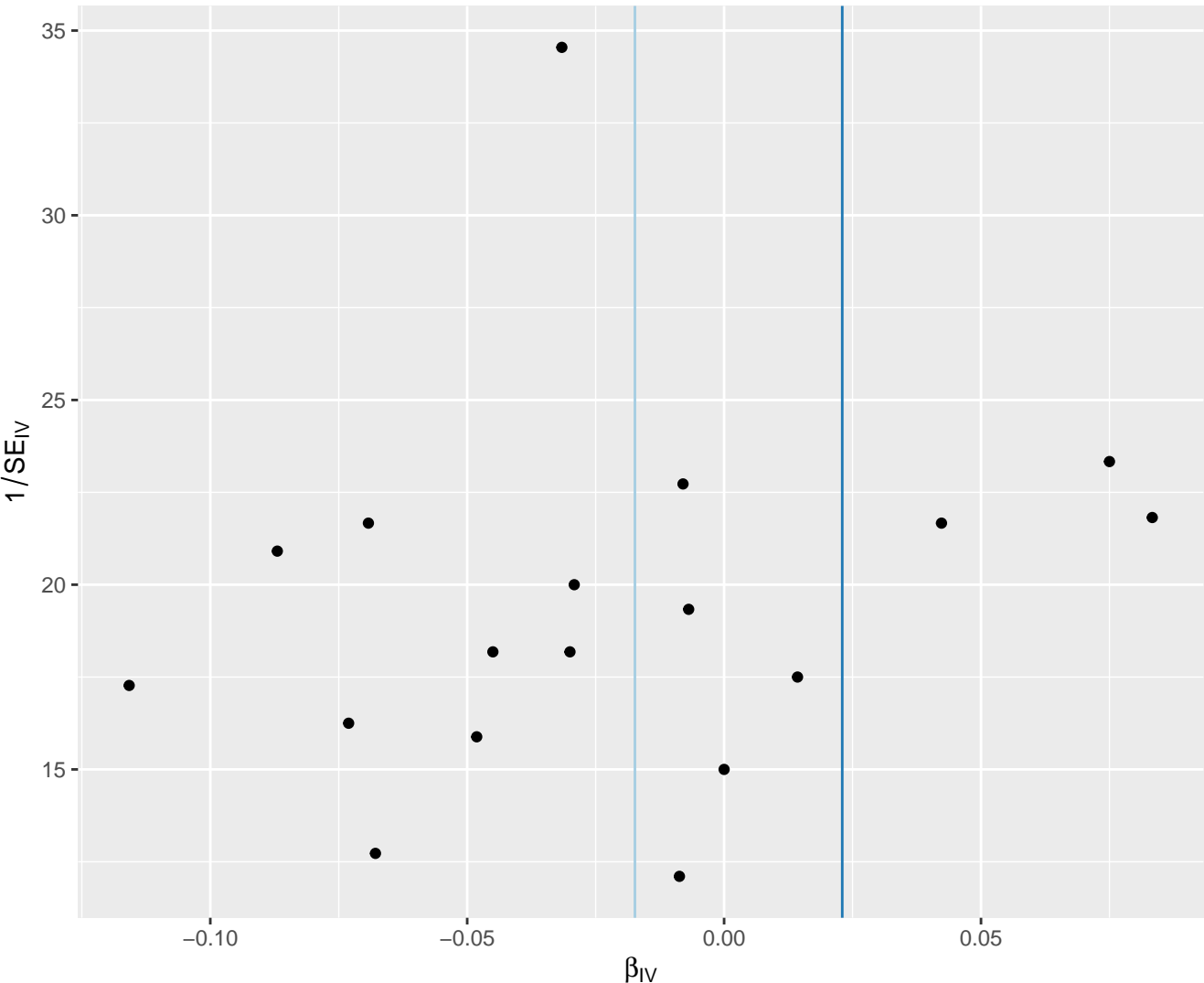
- Inverse variance weighted
- MR Egger



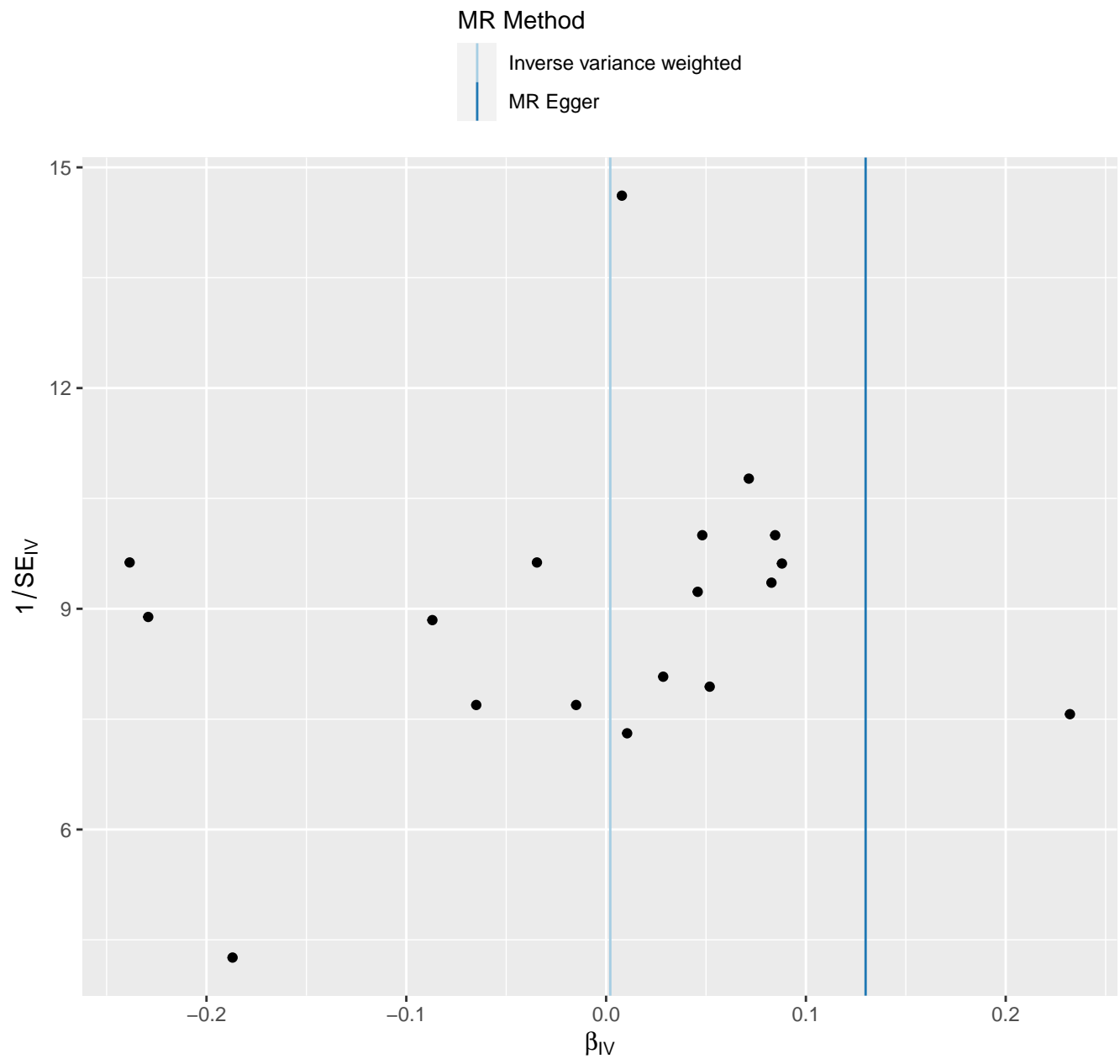


# Glutamine

MR Method

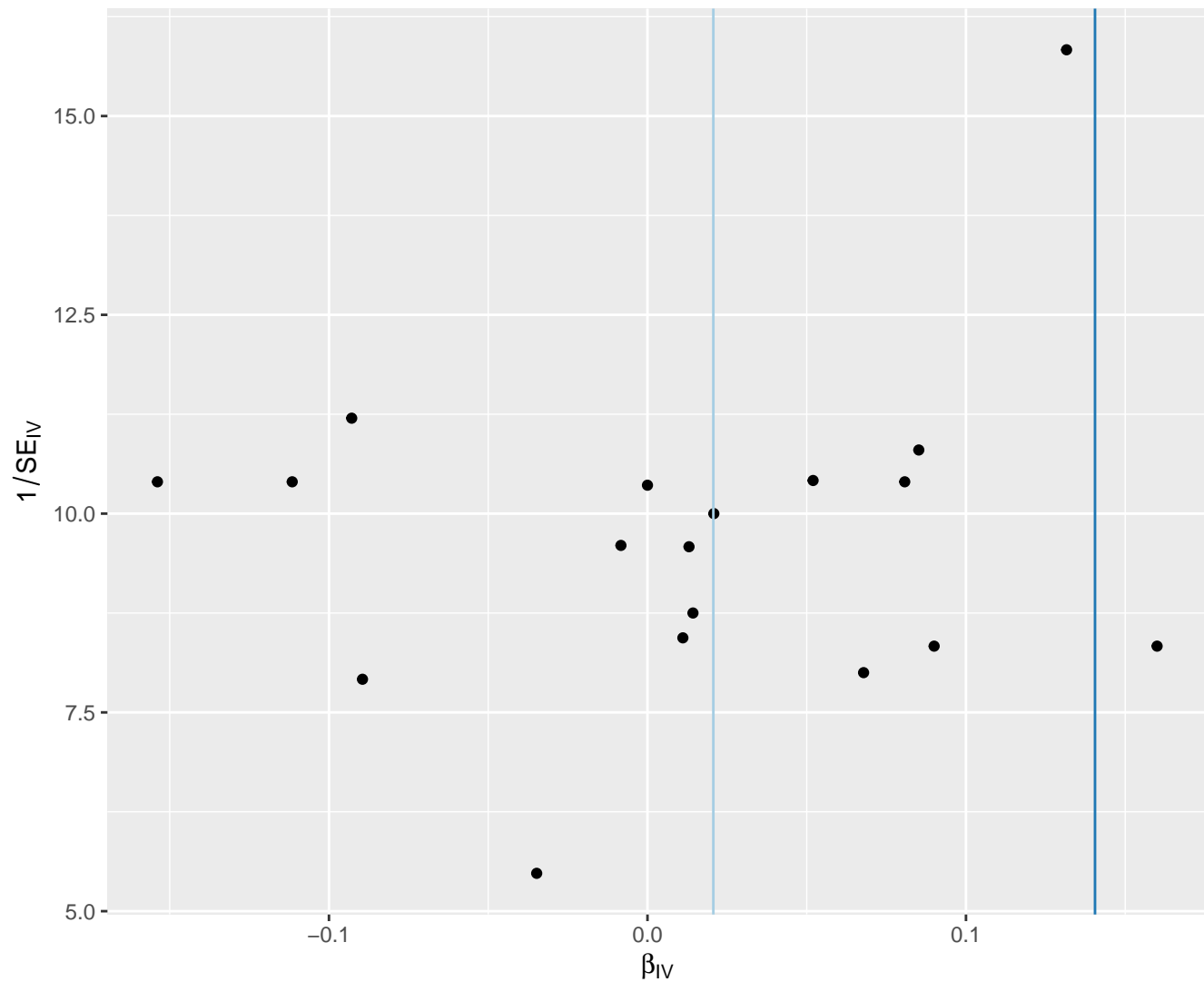
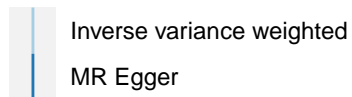


# Glutaroyl carnitine



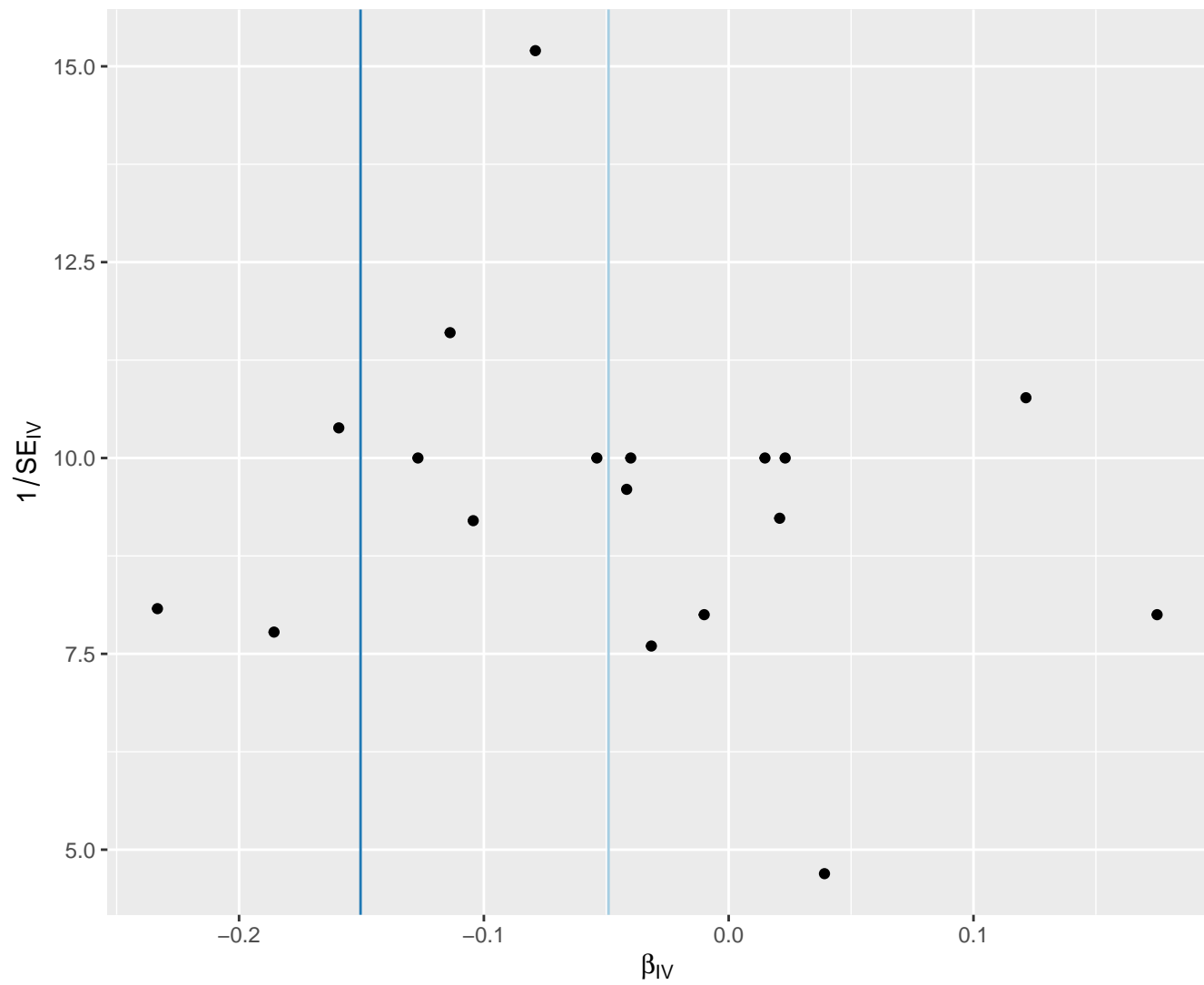
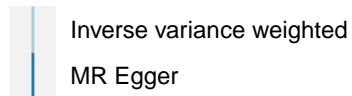
# Glycerate

MR Method



# Glycerol

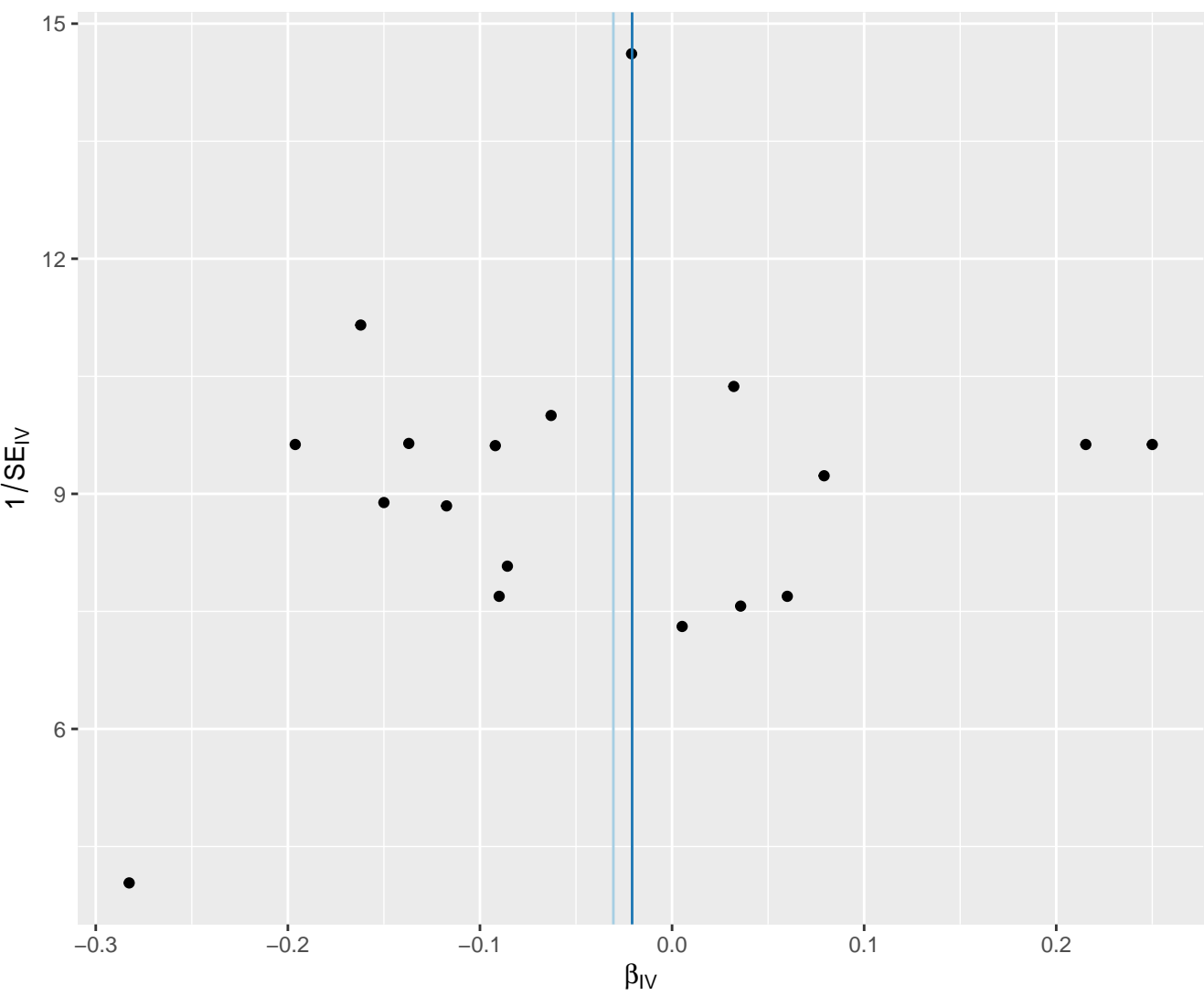
## MR Method



# Glycerol 3-phosphate (G3P)

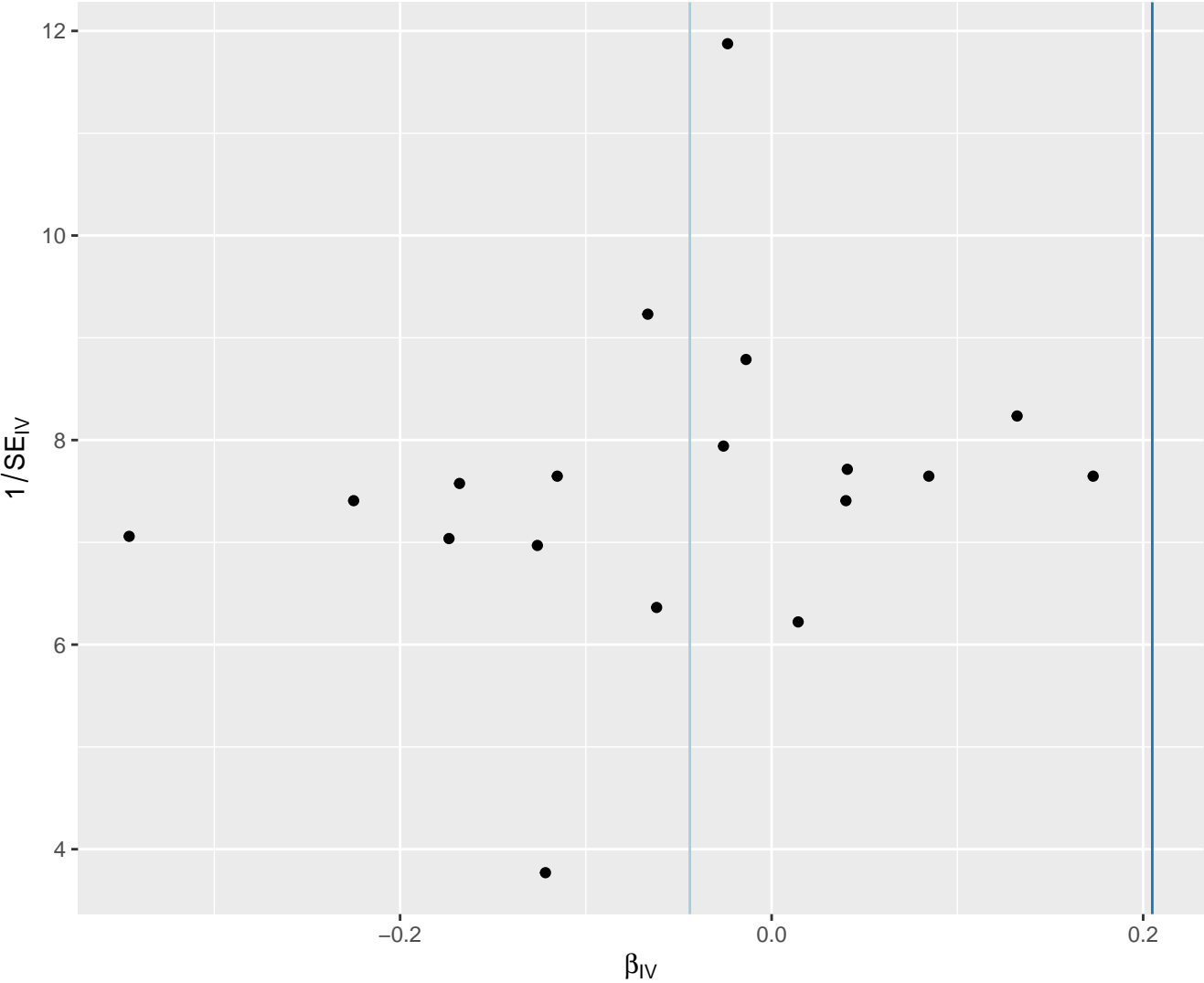
MR Method

- Inverse variance weighted
- MR Egger



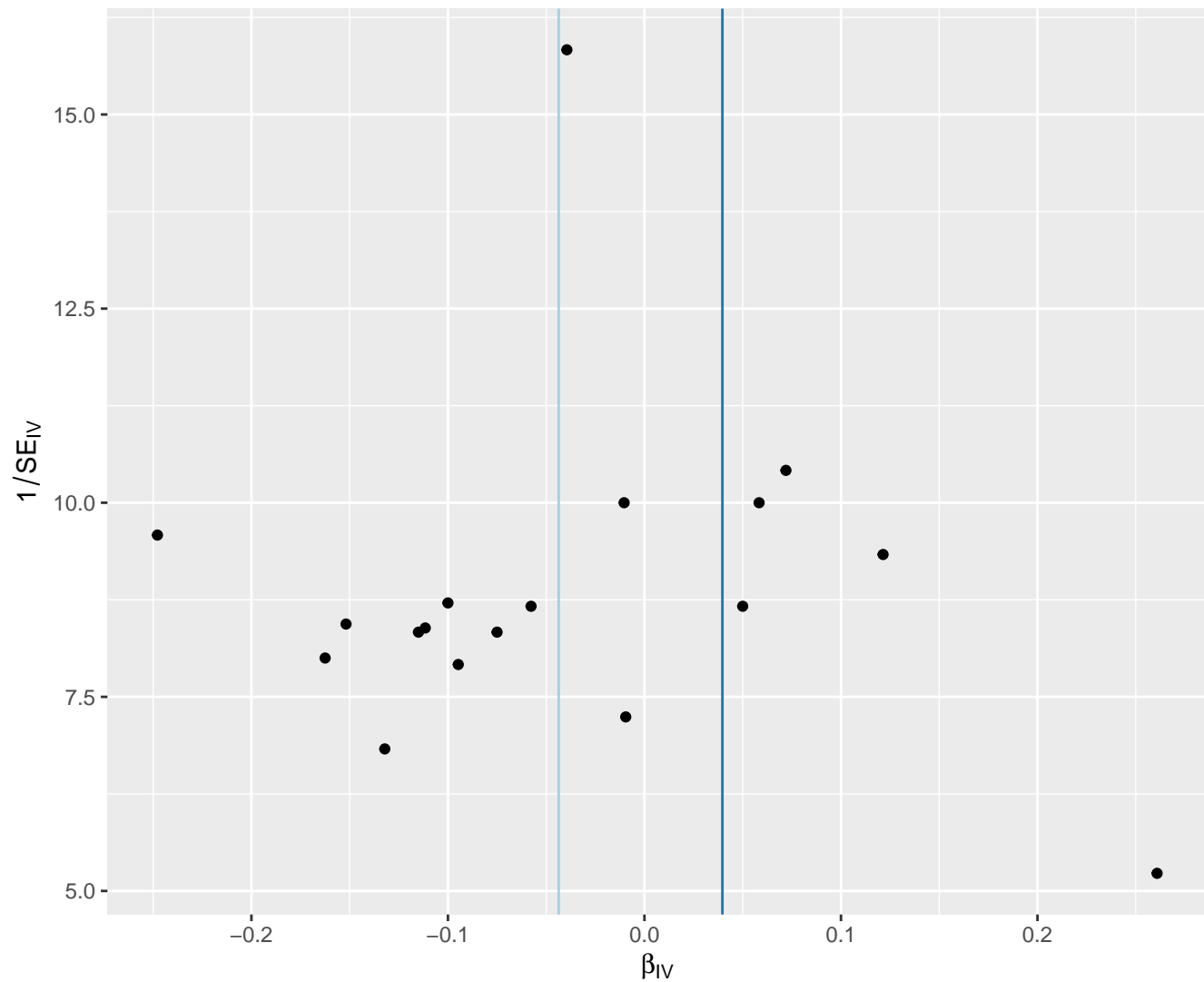
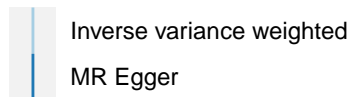
# Glycerophosphorylcholine (GPC)

MR Method



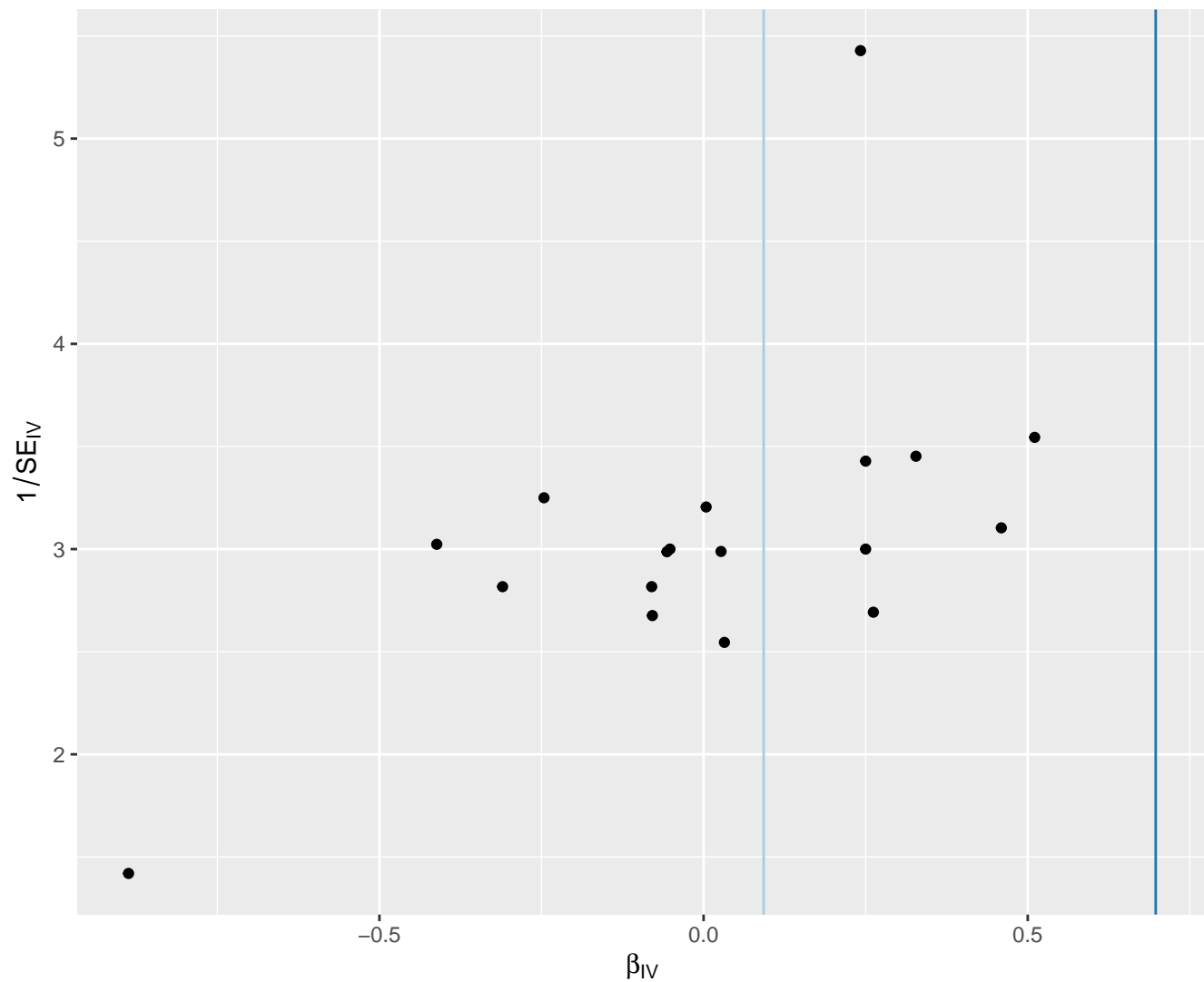
# Glycine

## MR Method



# Glycochenodeoxycholate

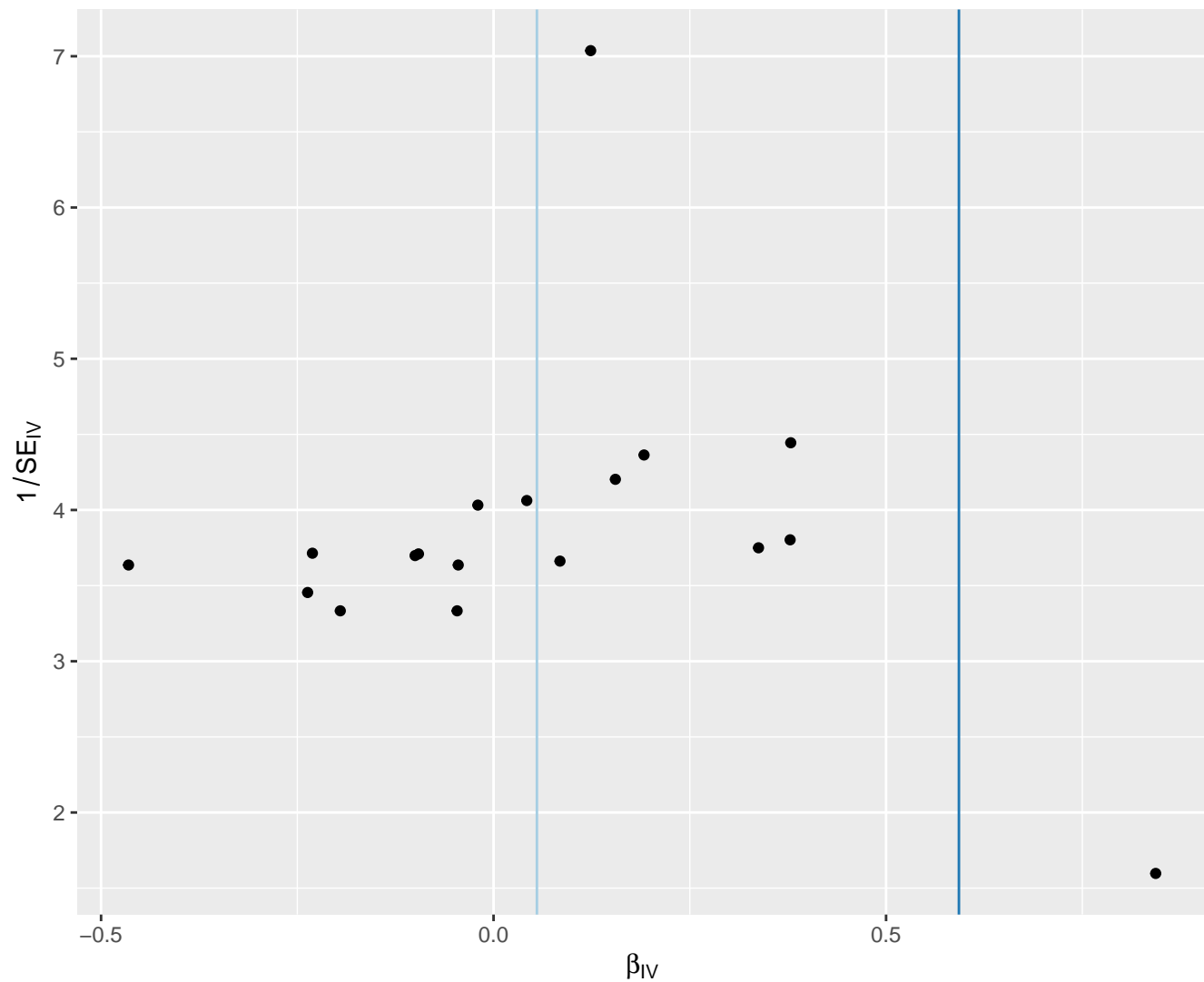
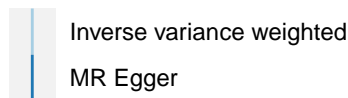
MR Method





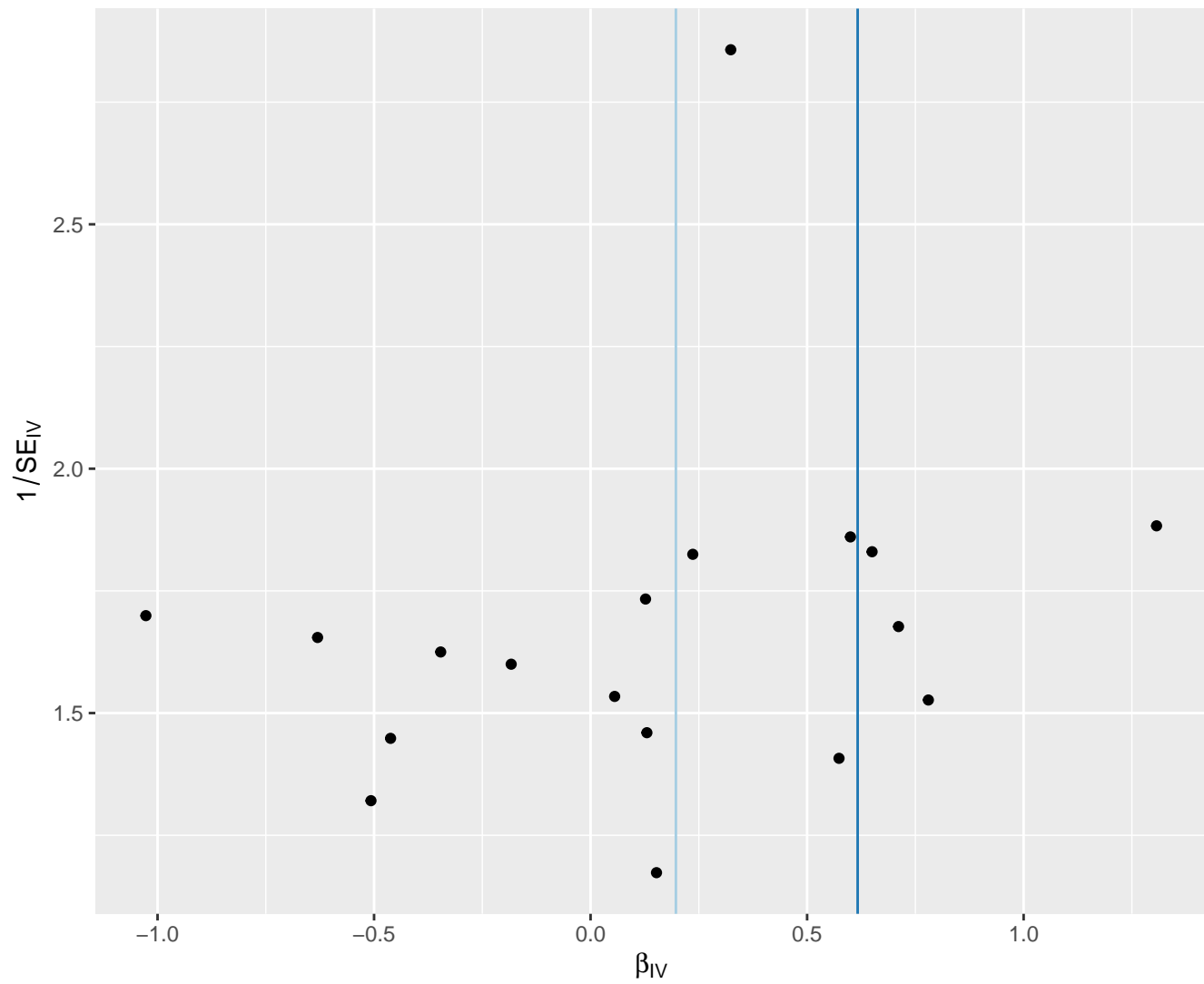
# Glycocholate

MR Method



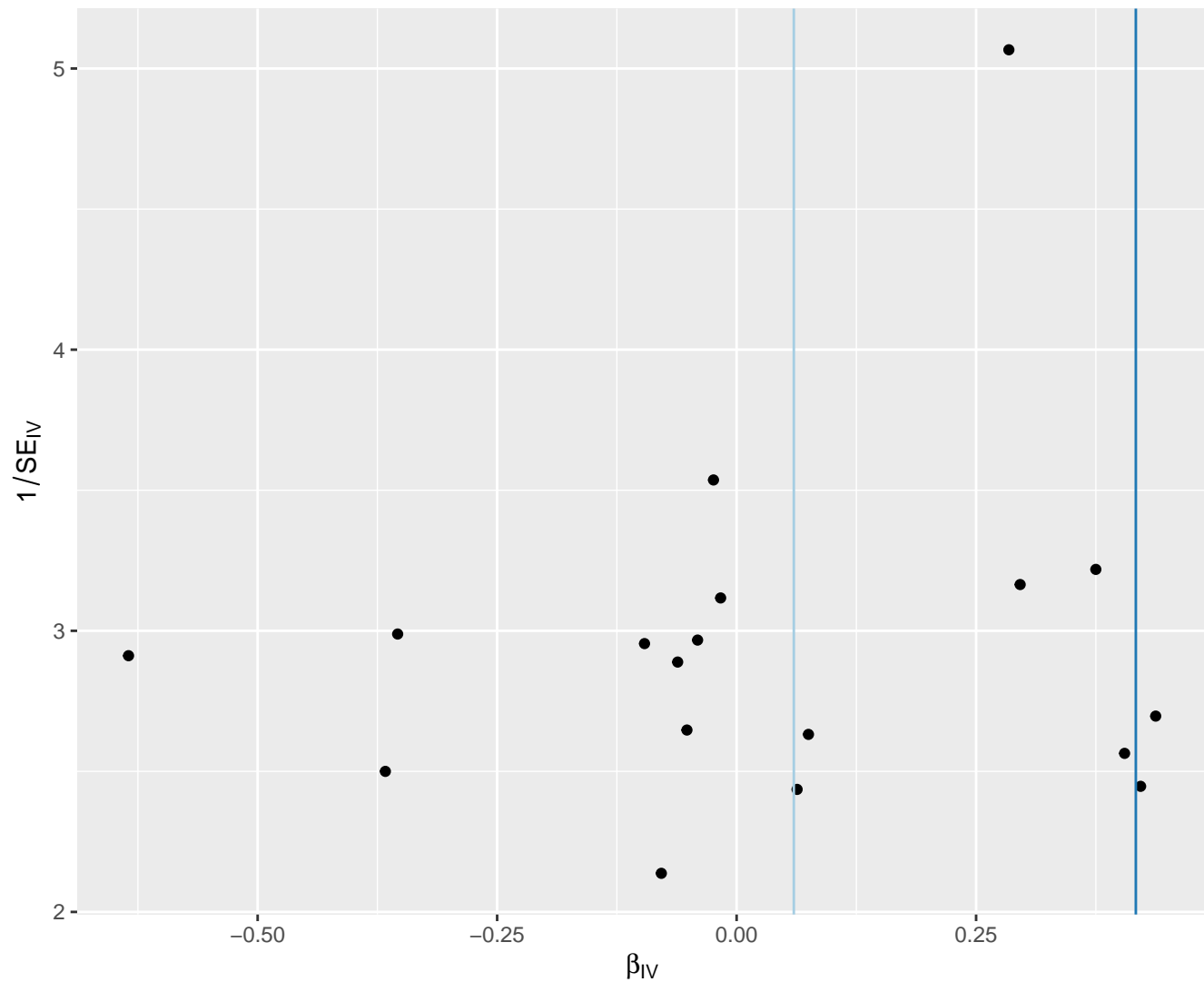
# Glycodeoxycholate

MR Method



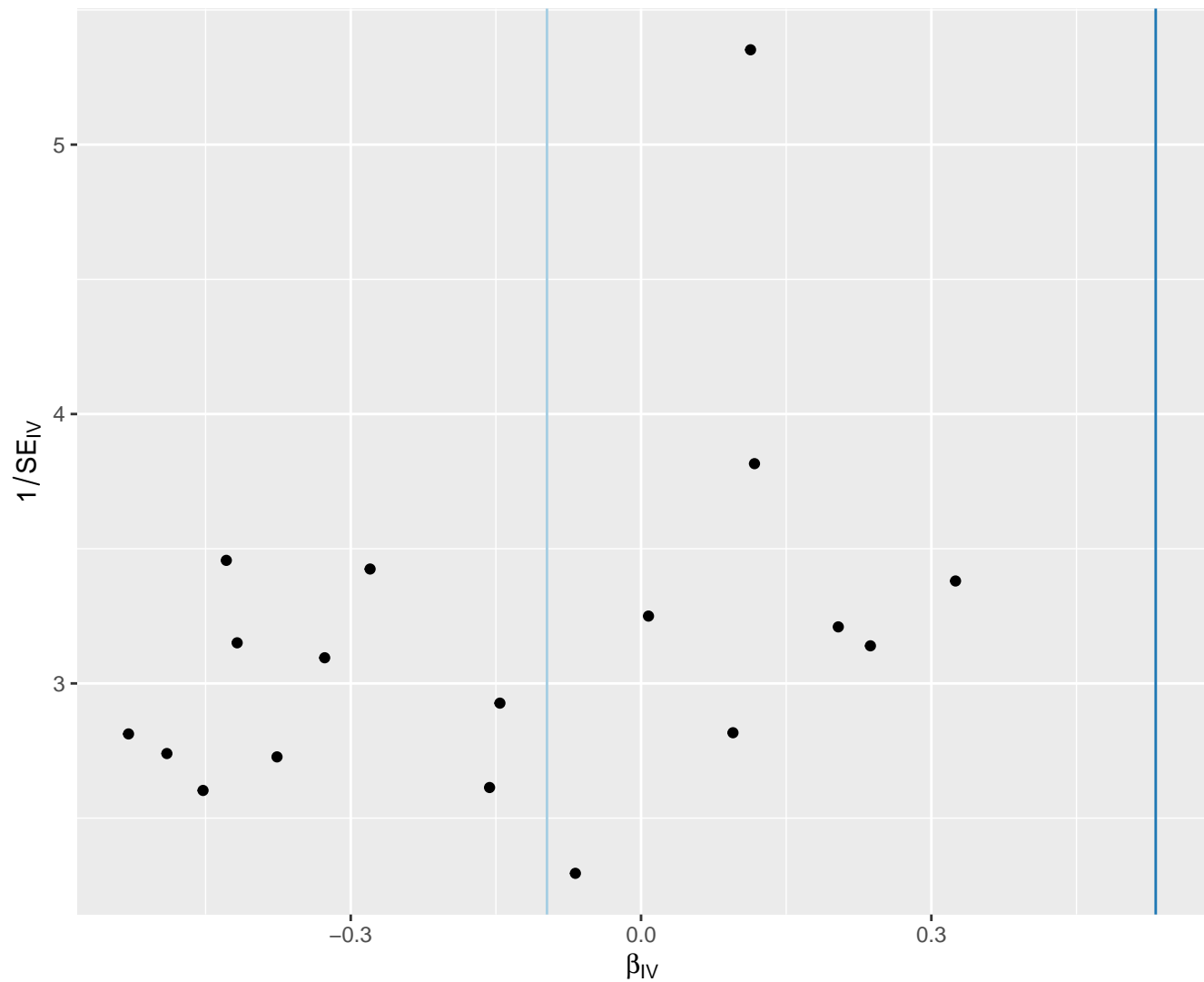
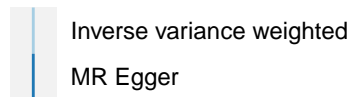
# Glycylvaline

MR Method



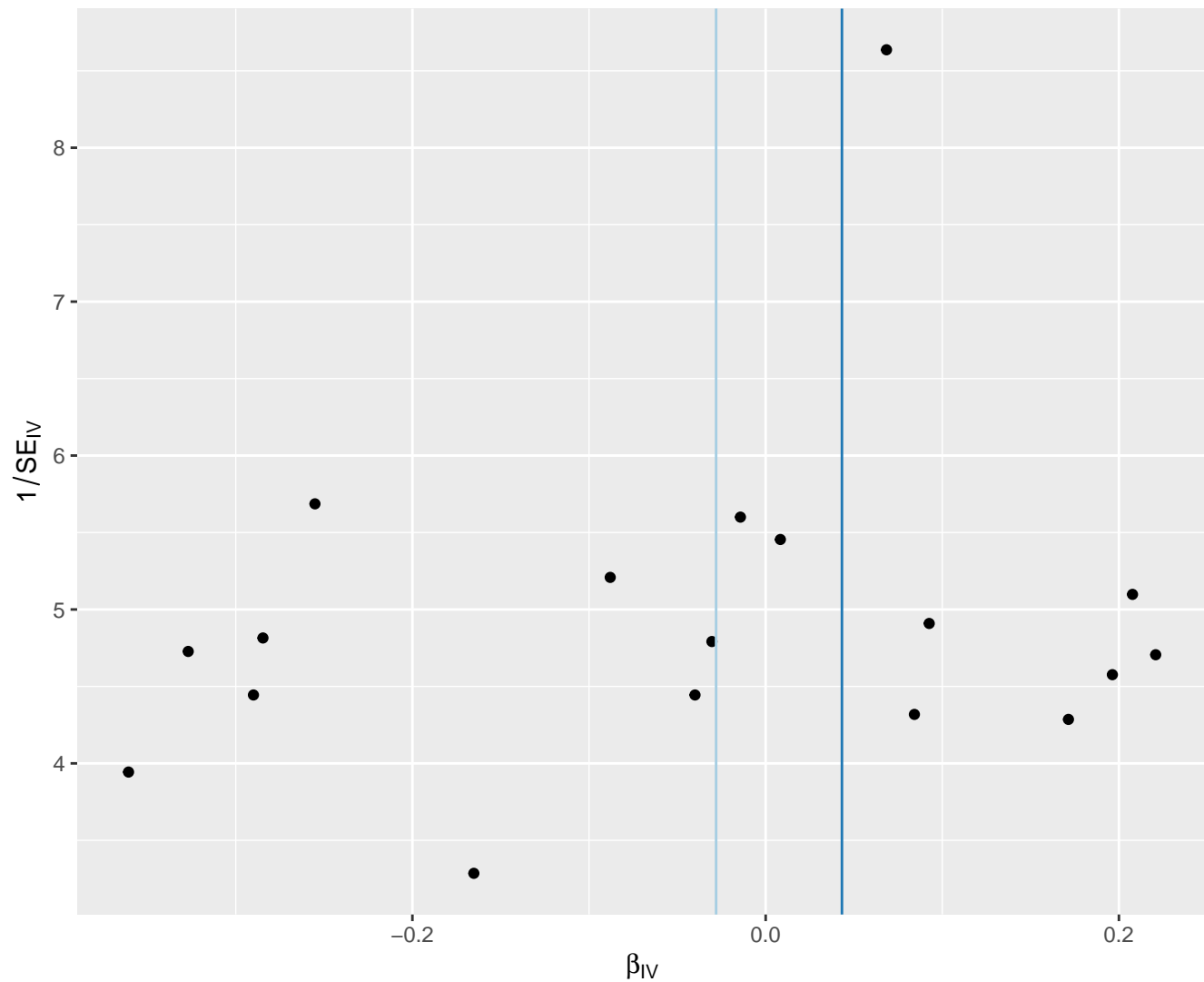
# Guanosine

MR Method



Heme\*

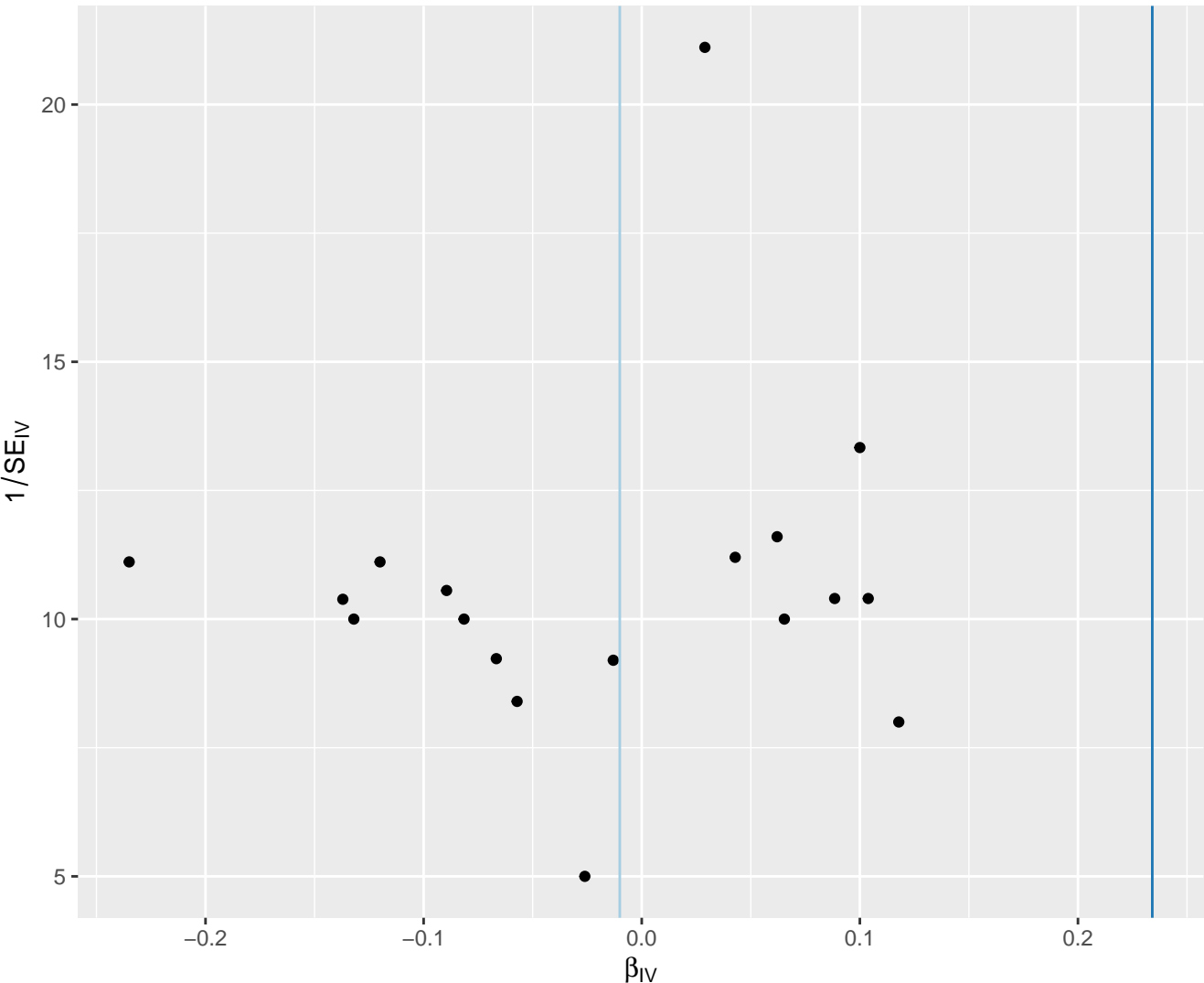
MR Method



# Heptanoate (7:0)

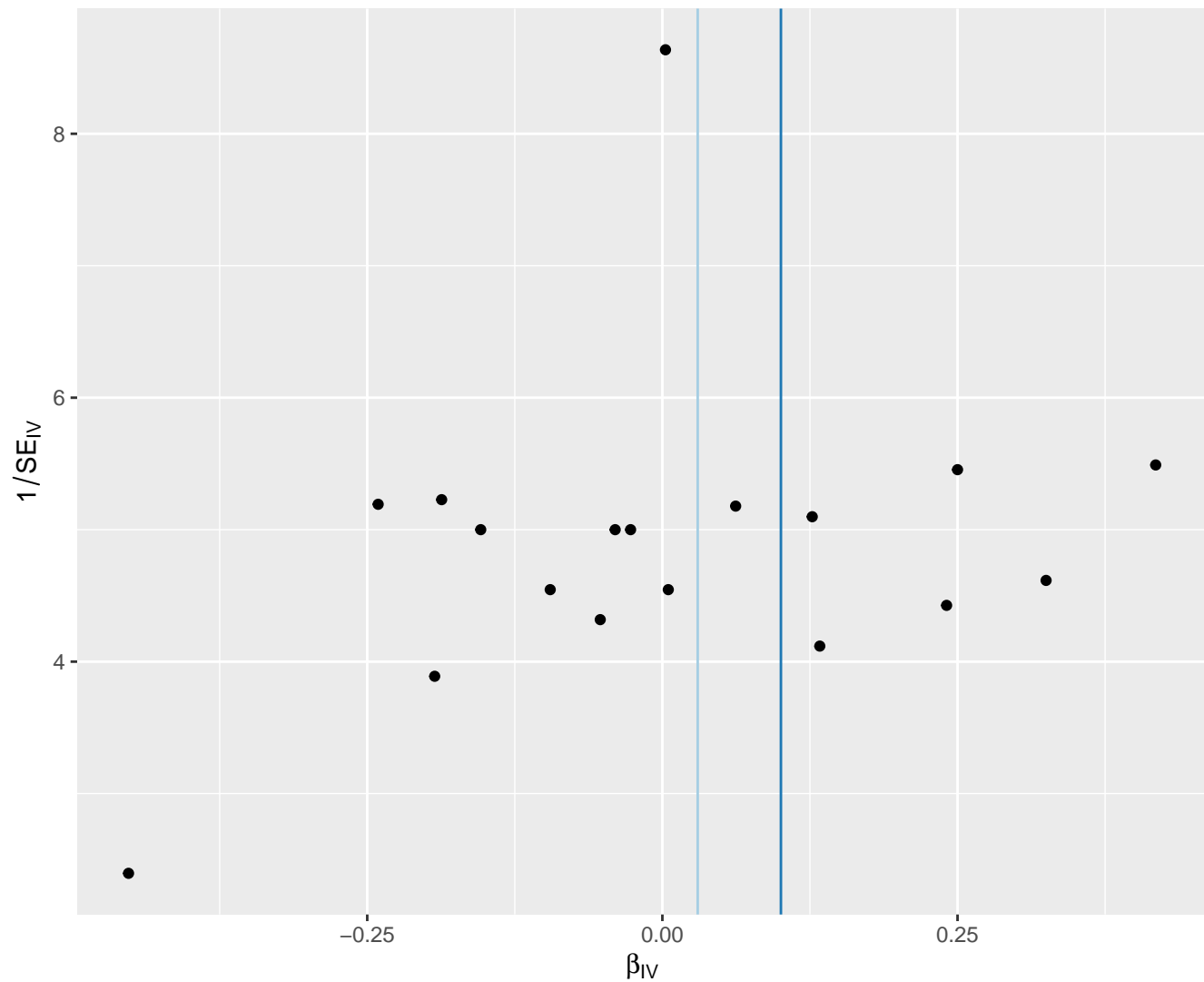
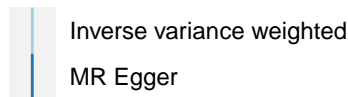
MR Method

- Inverse variance weighted
- MR Egger



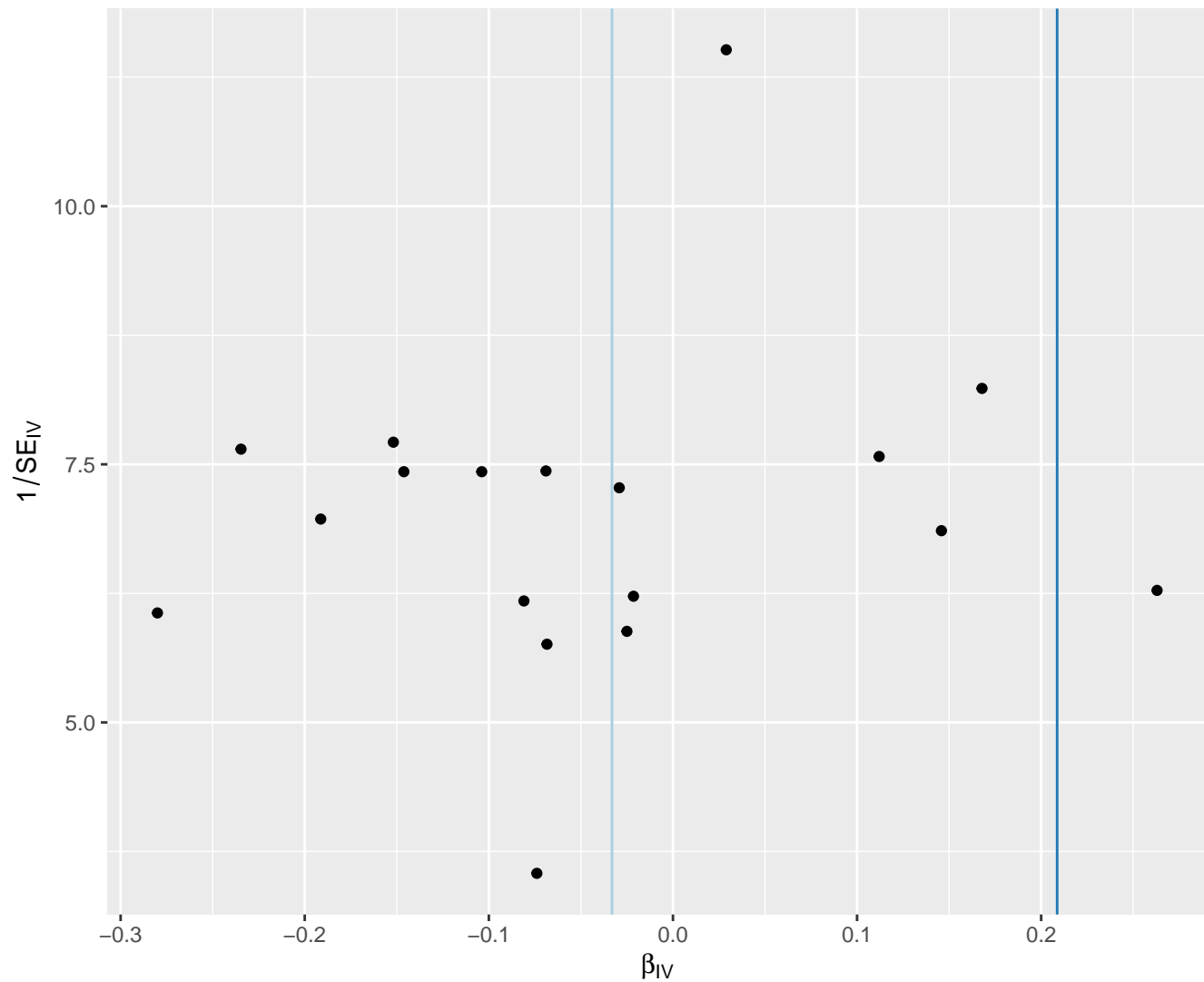
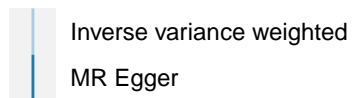
# Hexadecanedioate

MR Method



# Hexanoylcarnitine

MR Method

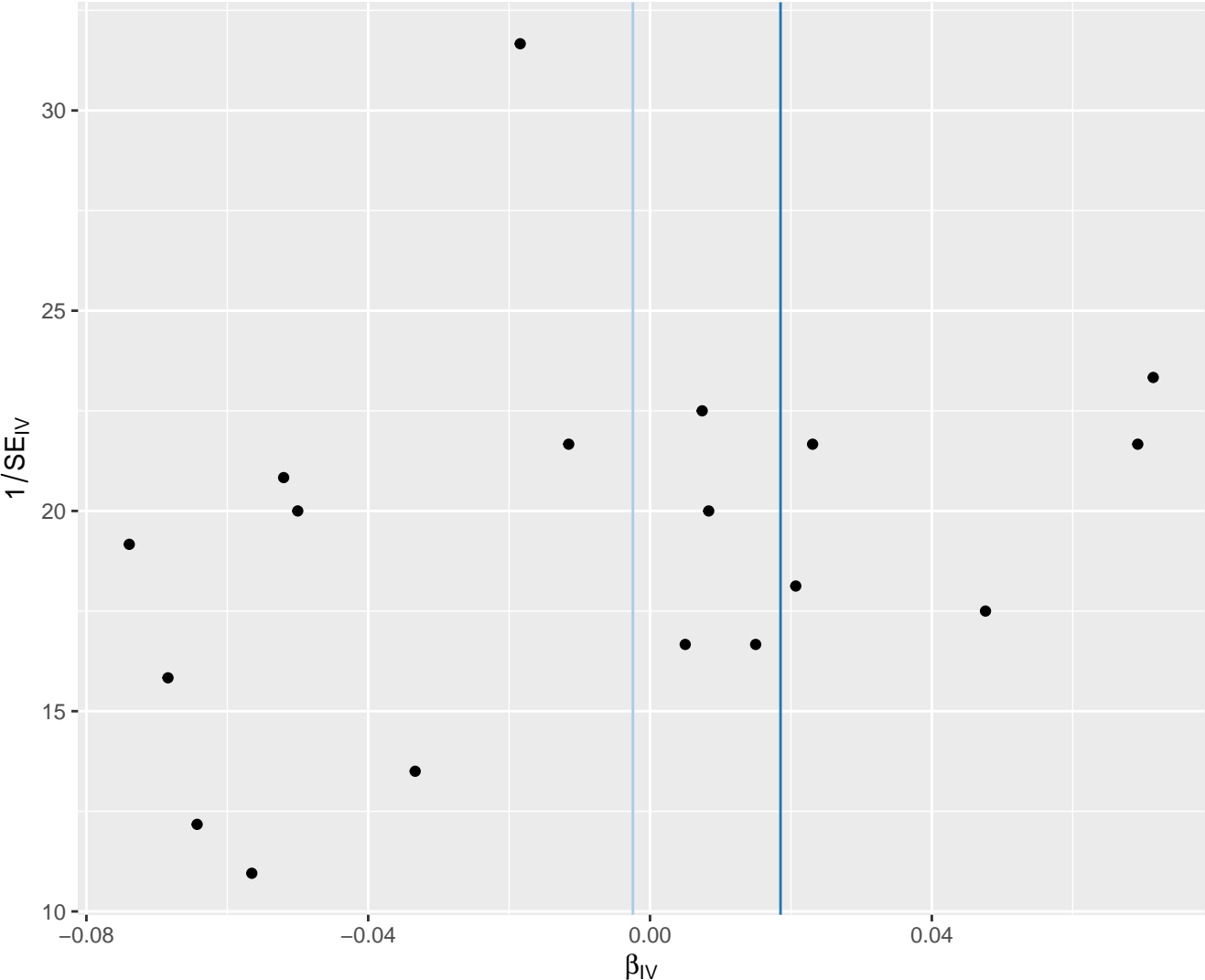




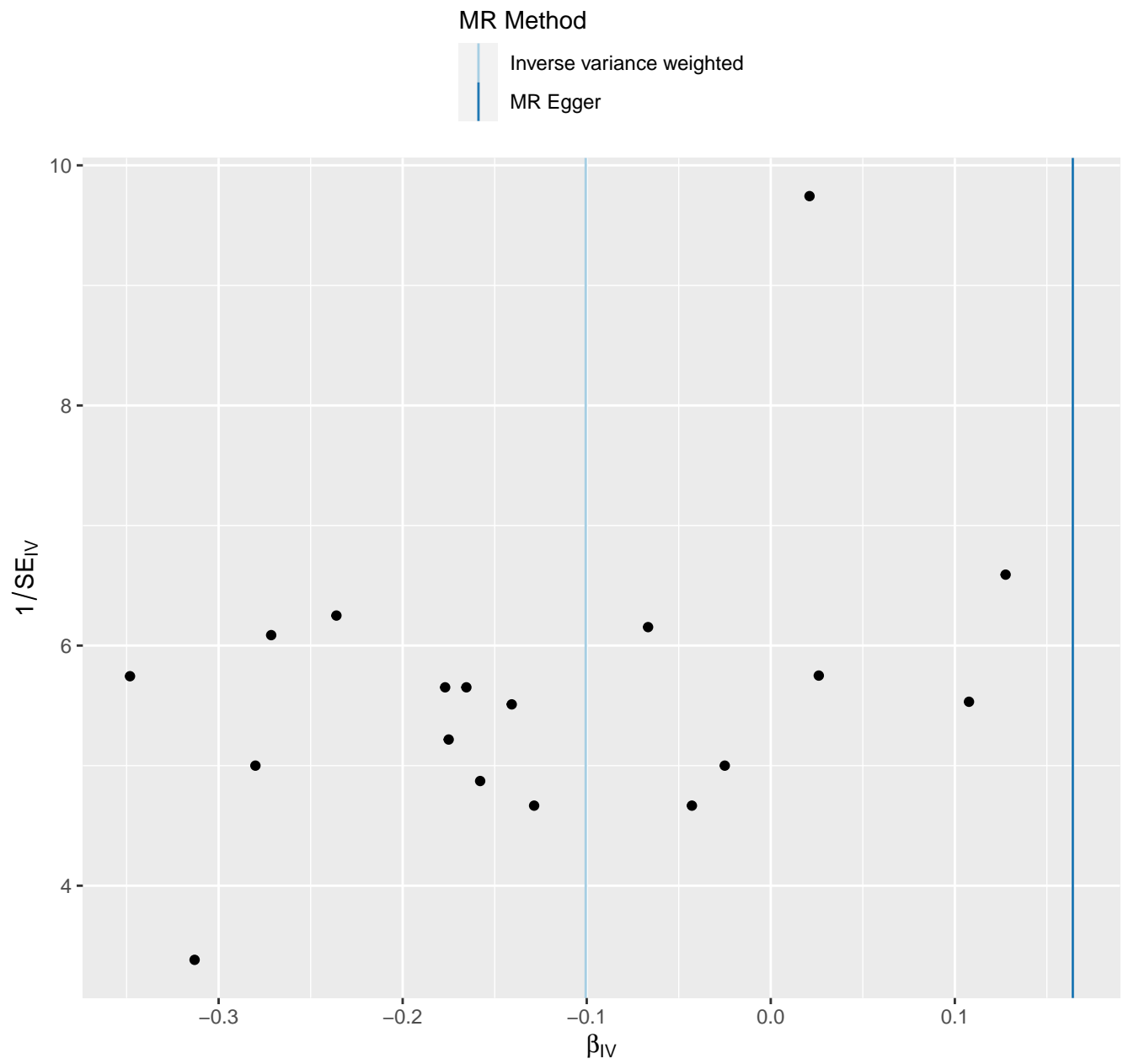
# Histidine

MR Method

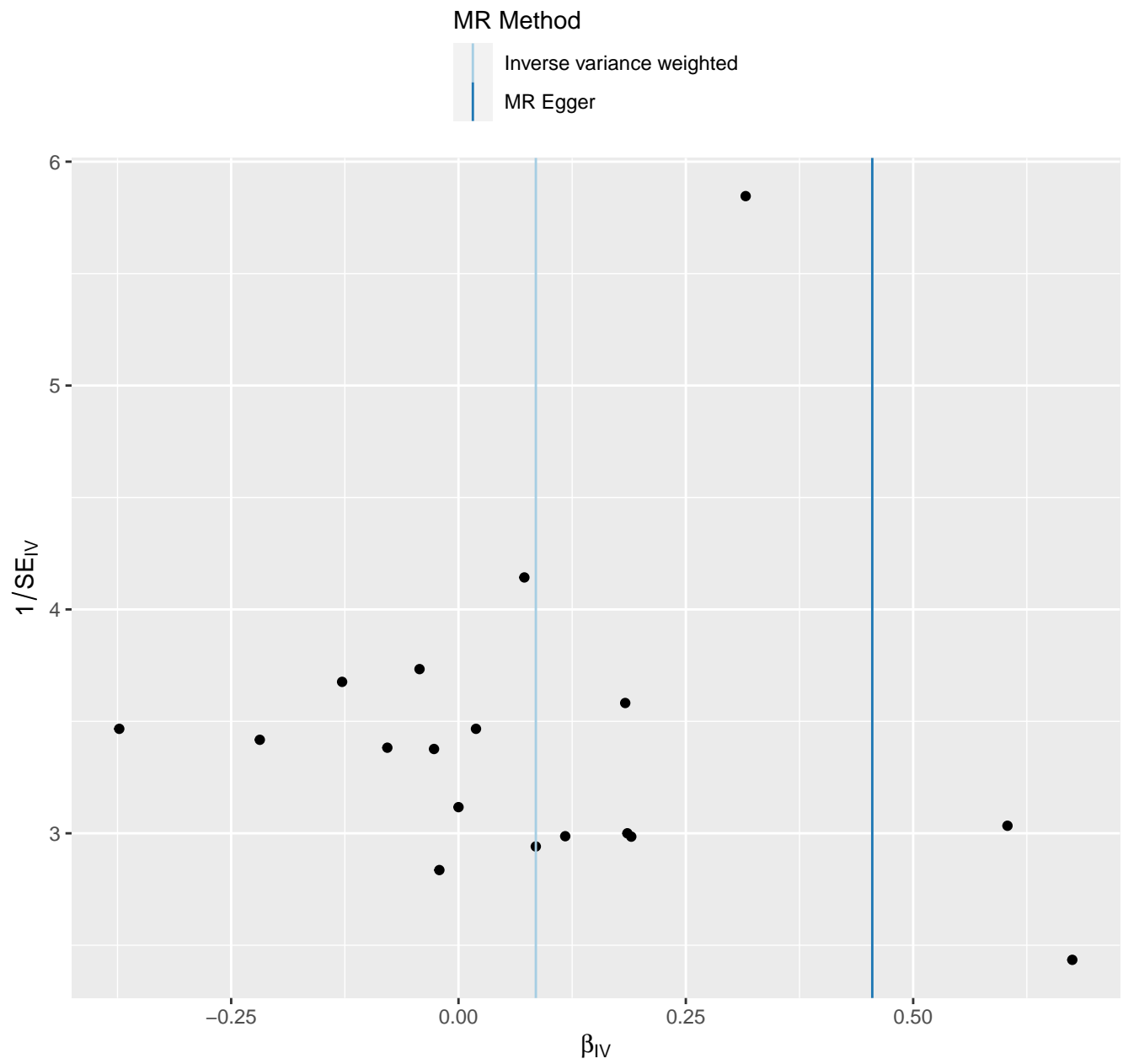
- Inverse variance weighted
- MR Egger



# Homocitrulline

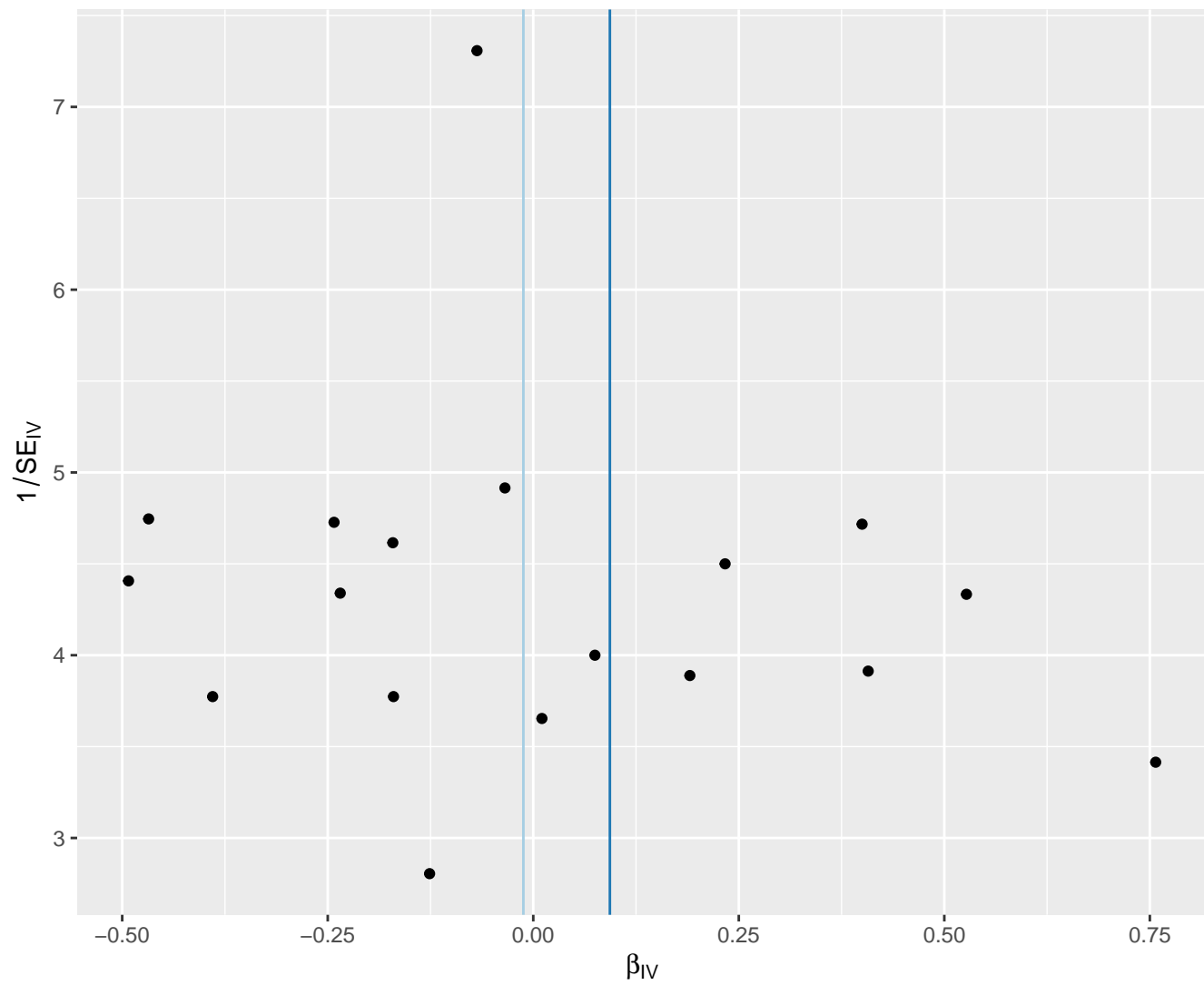


Homostachydrine\*



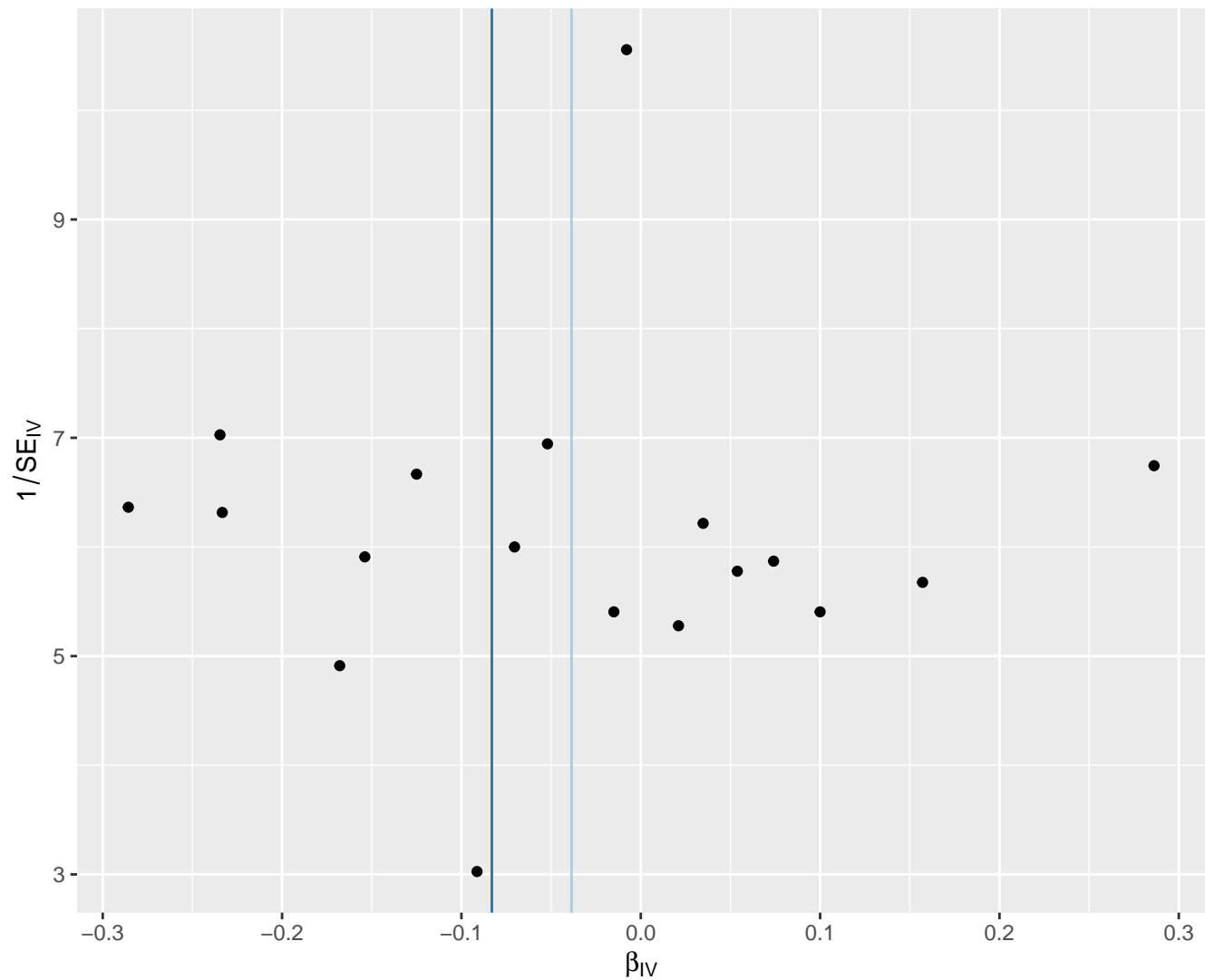
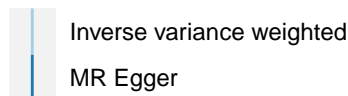
HWESASXX\*

MR Method



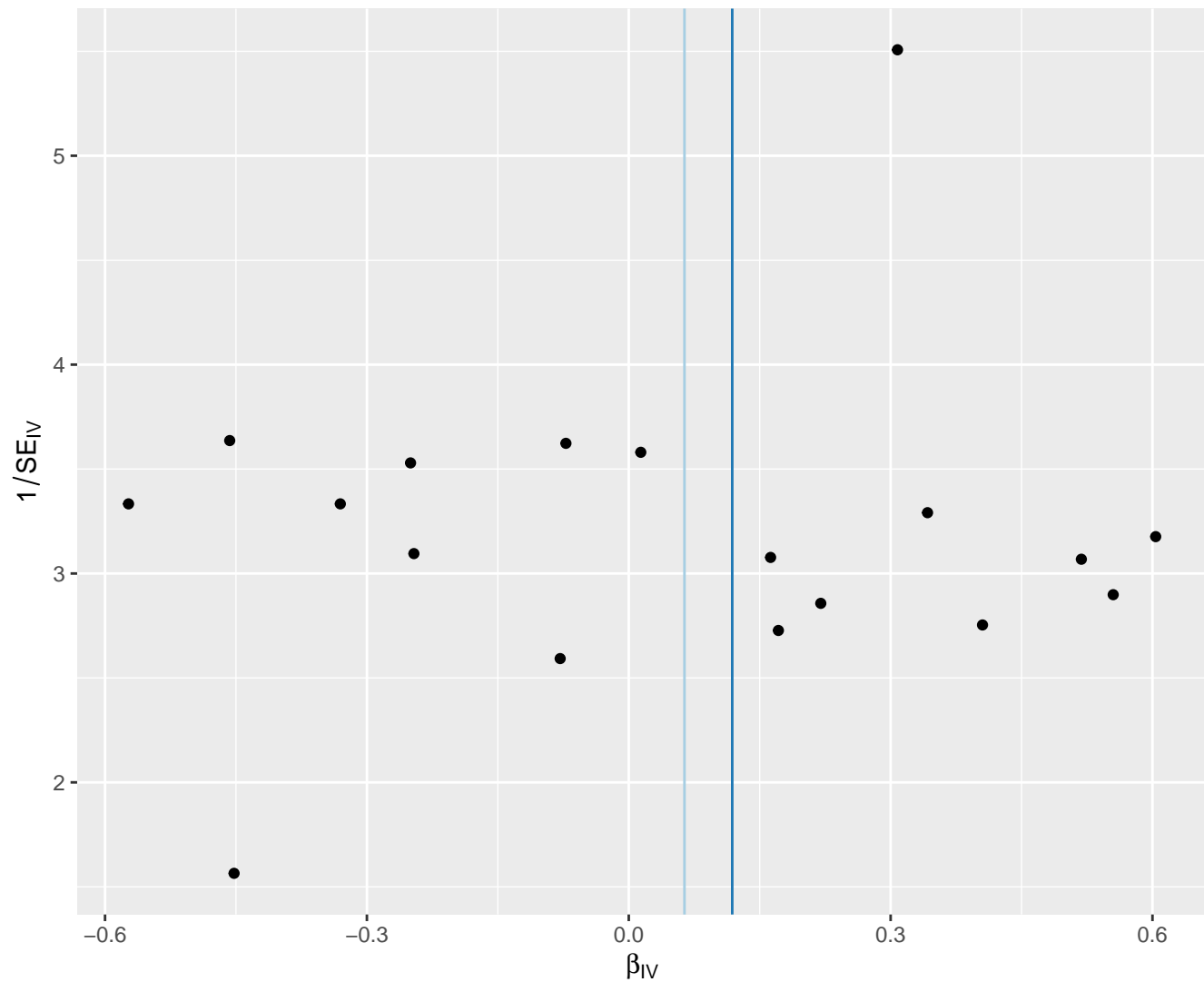
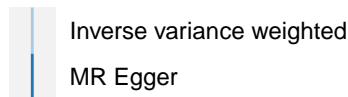
# Hydroxyisovaleroyl carnitine

MR Method



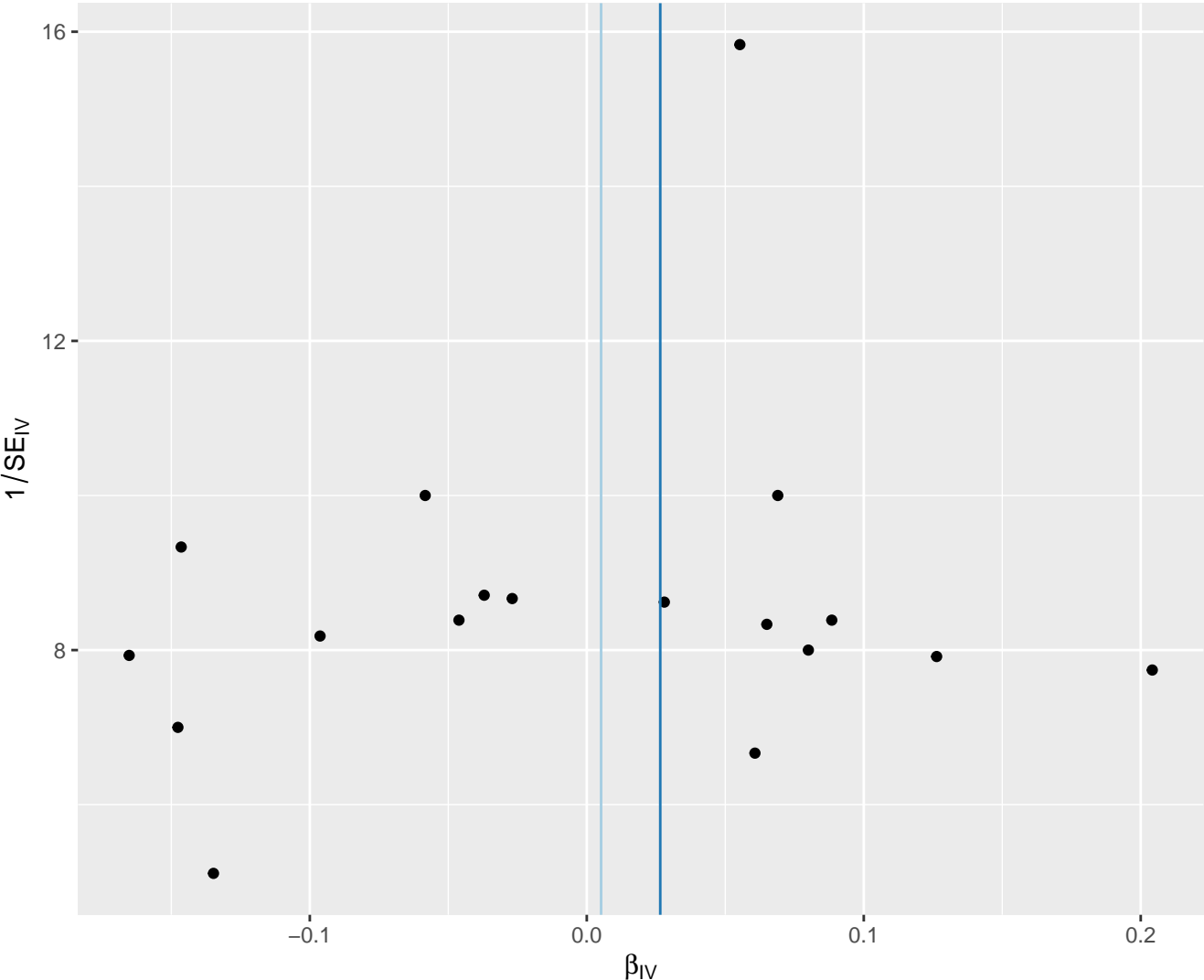
# Hyodeoxycholate

MR Method



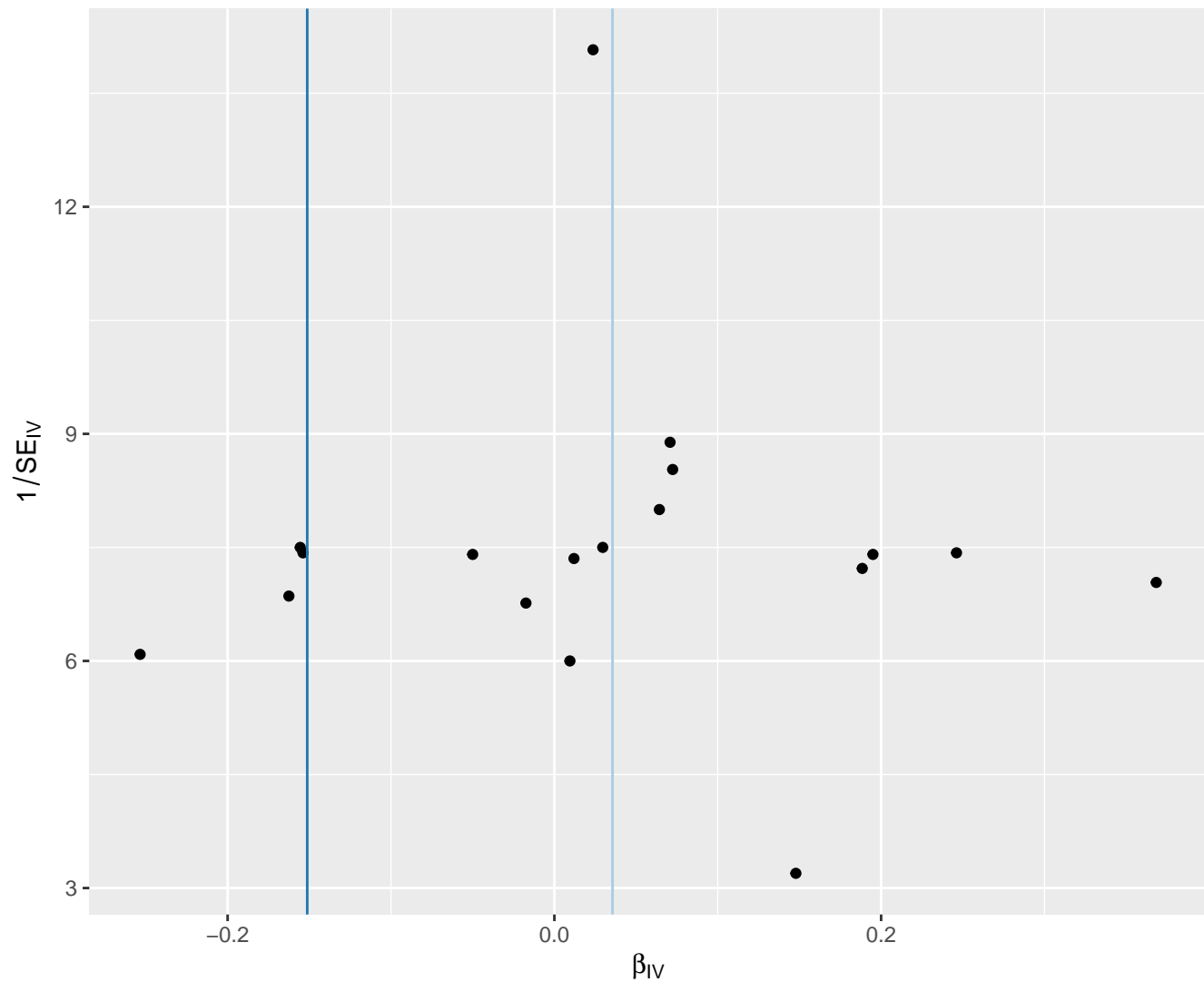
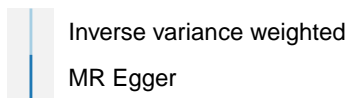
# Hypoxanthine

MR Method



# Indoleacetate

## MR Method





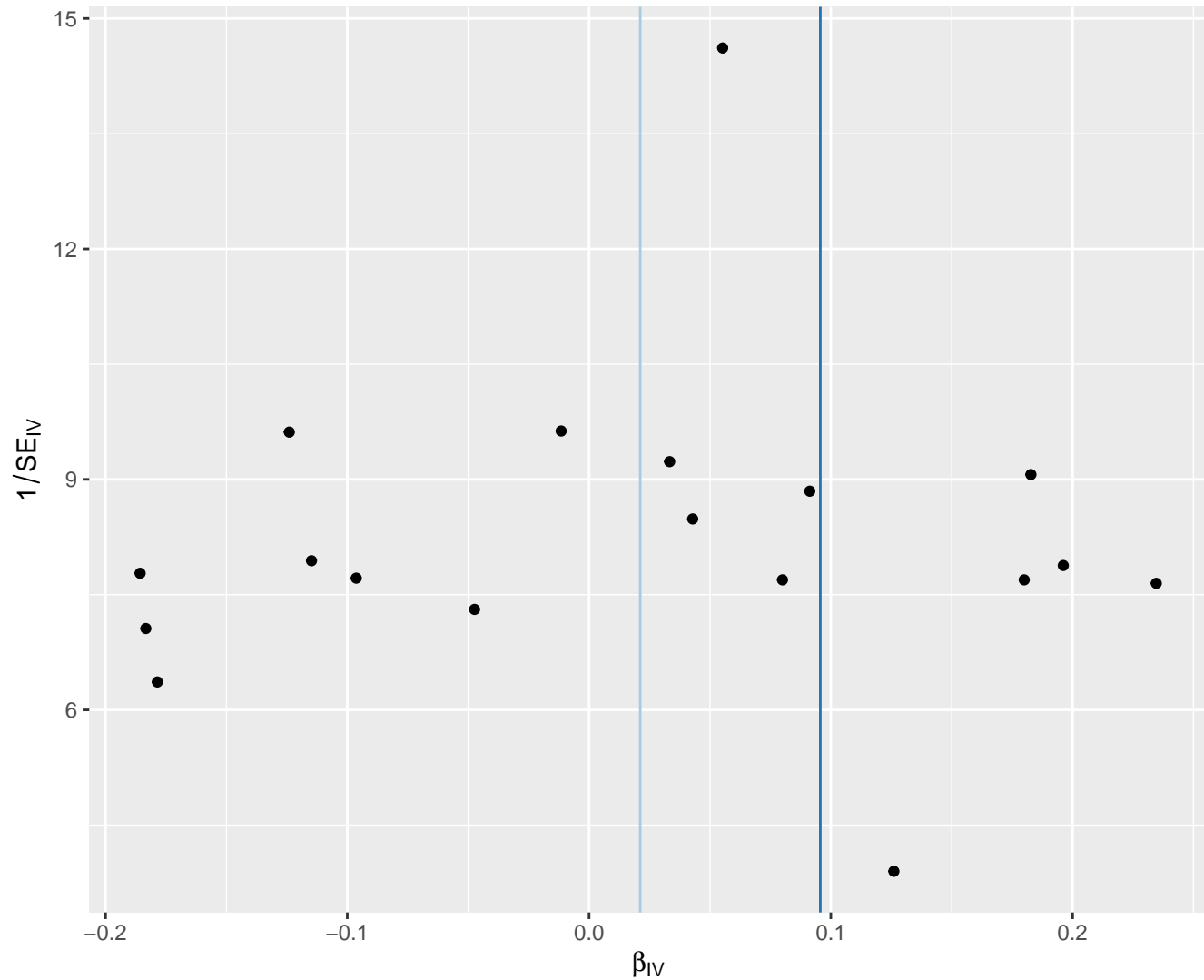
# Indolelactate

MR Method



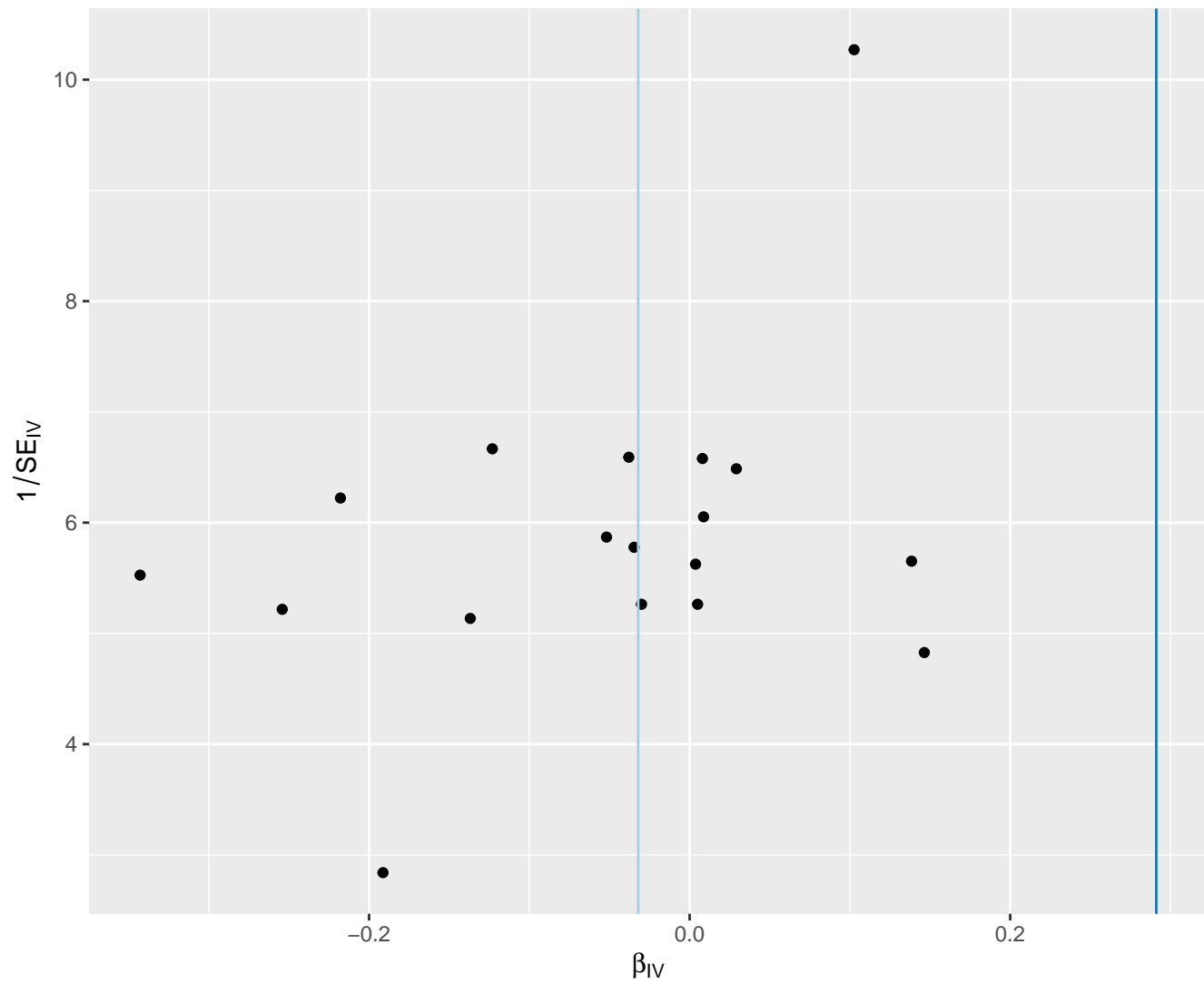
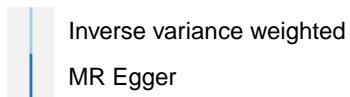
Inverse variance weighted

MR Egger



# Indolepropionate

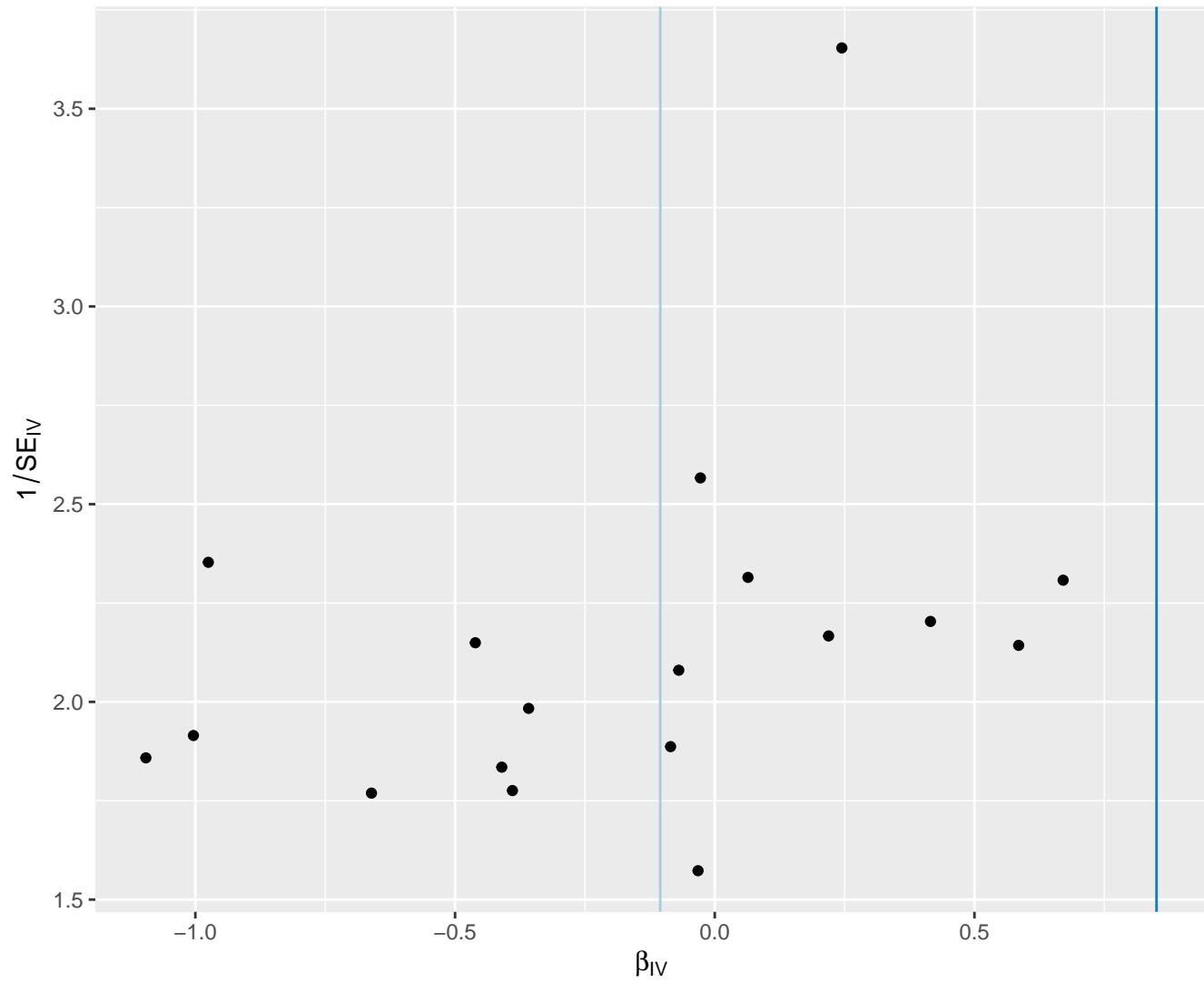
## MR Method



# Inosine

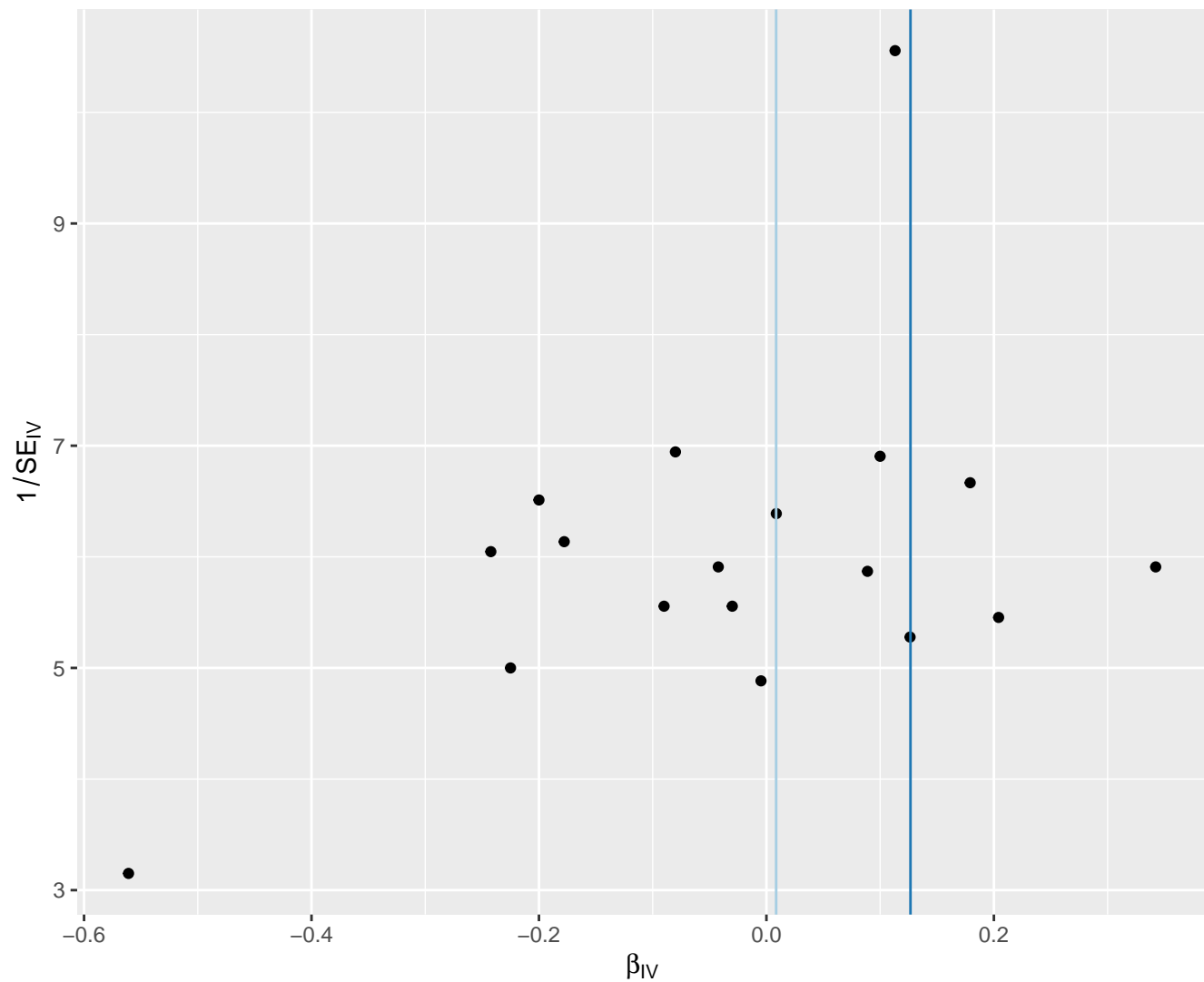
## MR Method

- Inverse variance weighted
- MR Egger



# Isobutyrylcarnitine

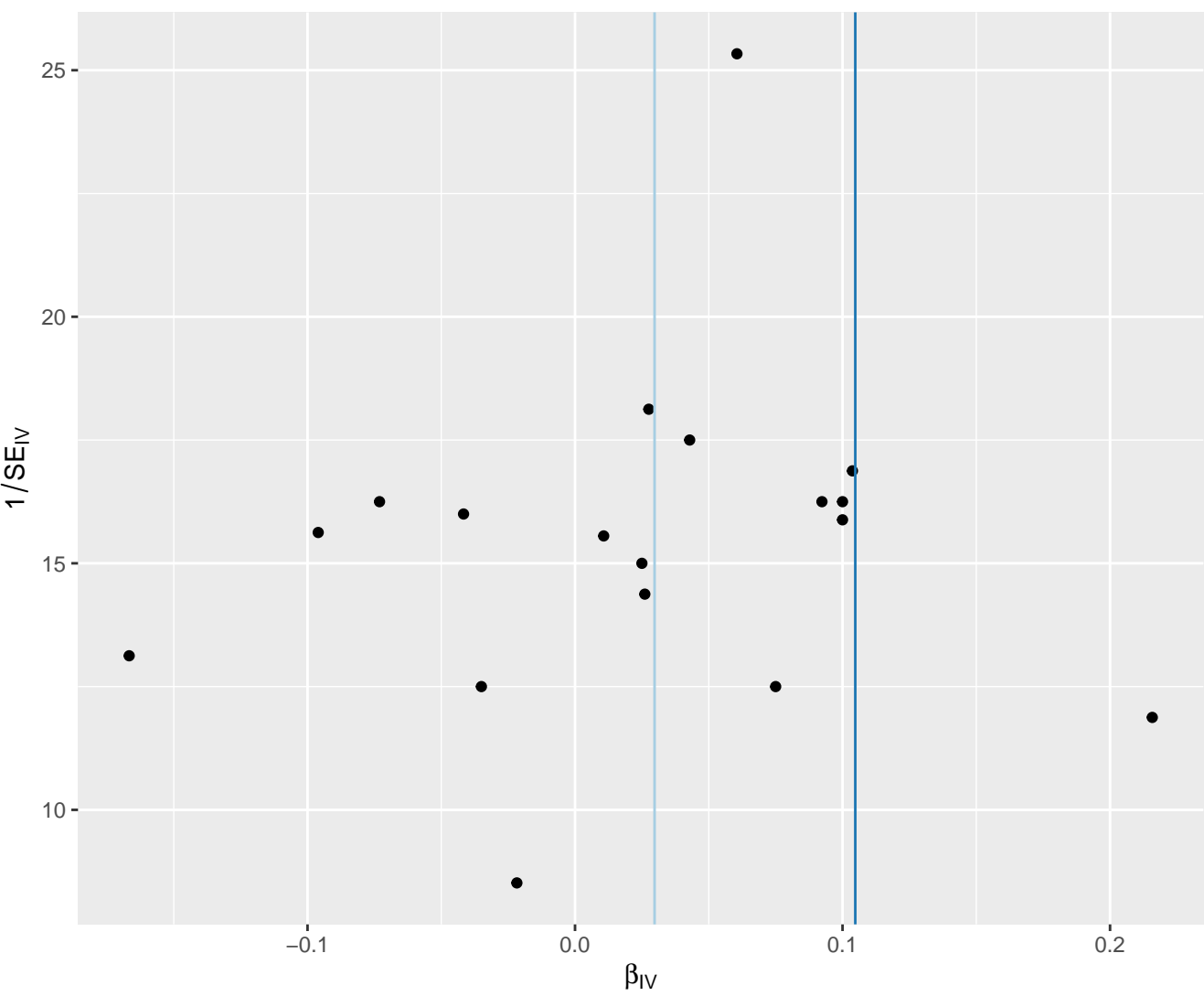
MR Method



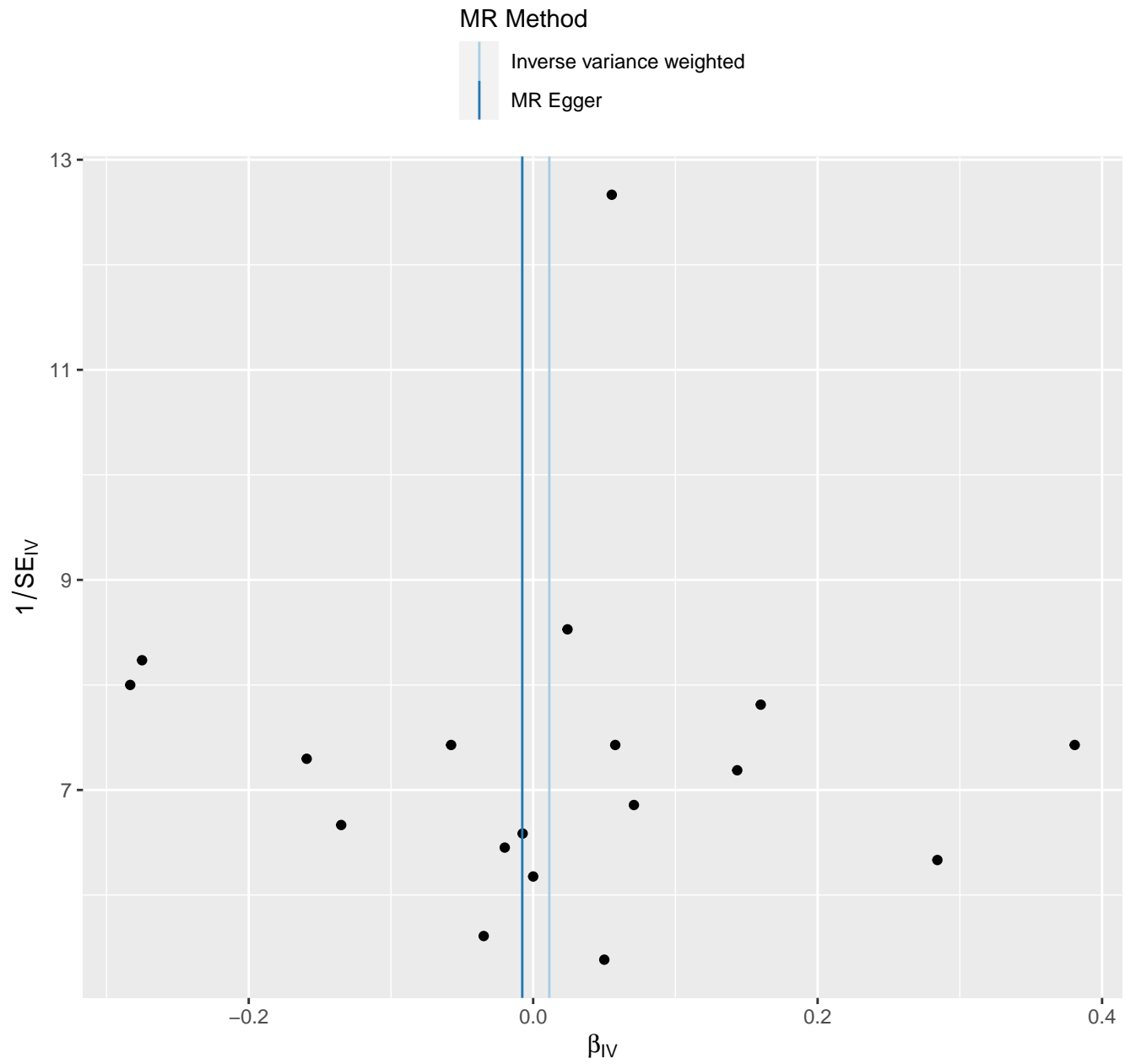
# Isoleucine

MR Method

- Inverse variance weighted
- MR Egger

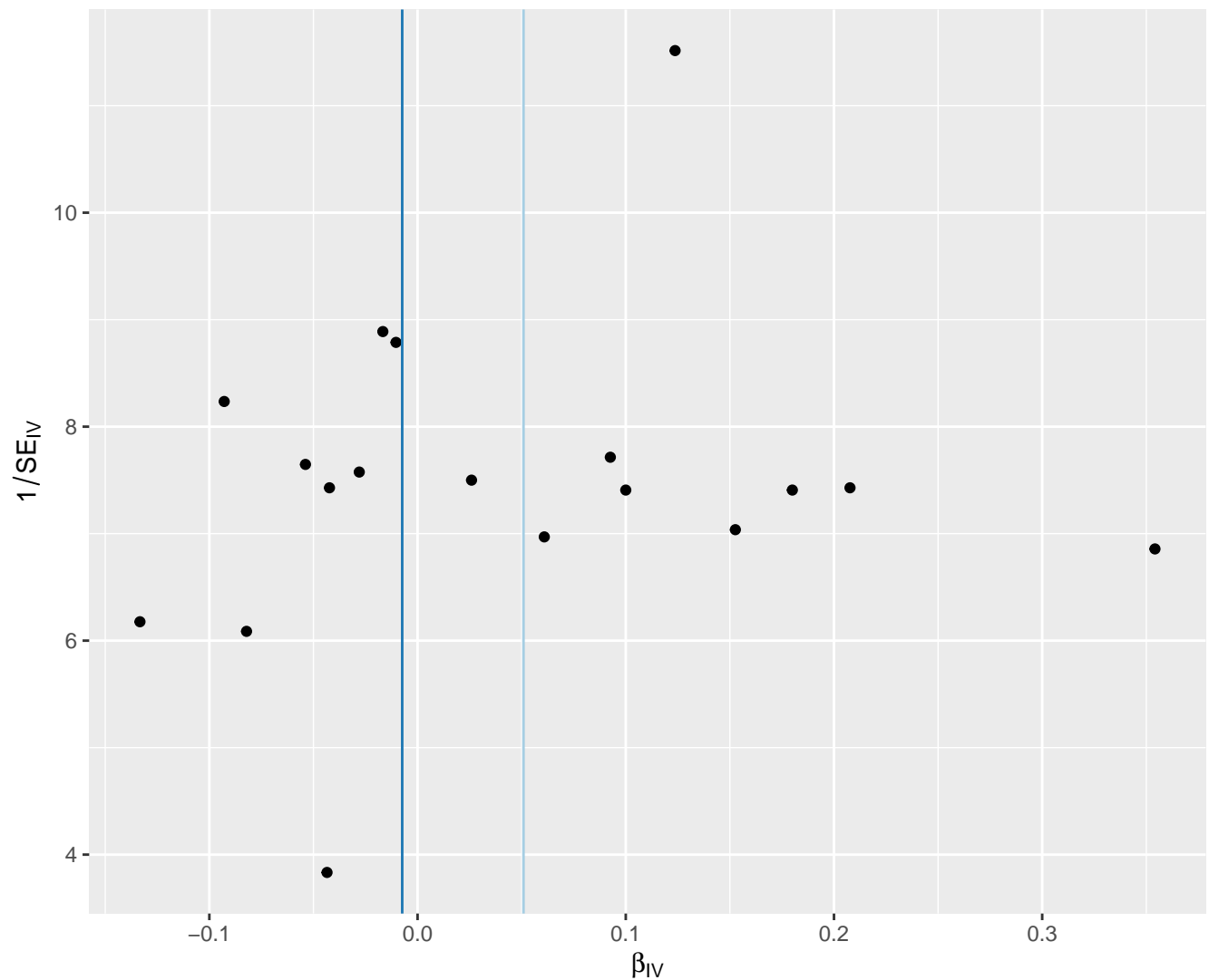


# Isovalerate



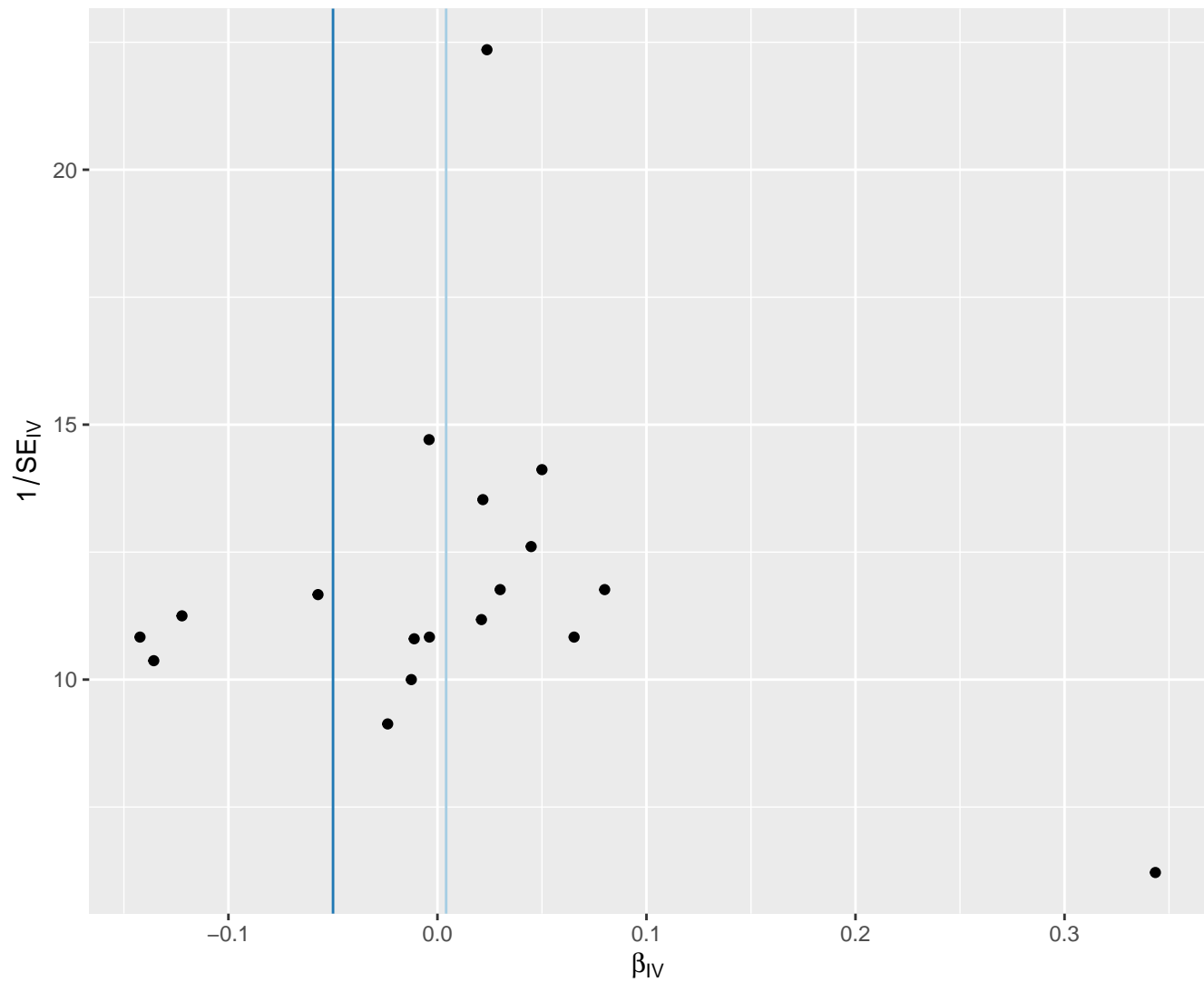
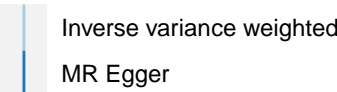
# Isovalerylcarnitine

MR Method



# Kynurenine

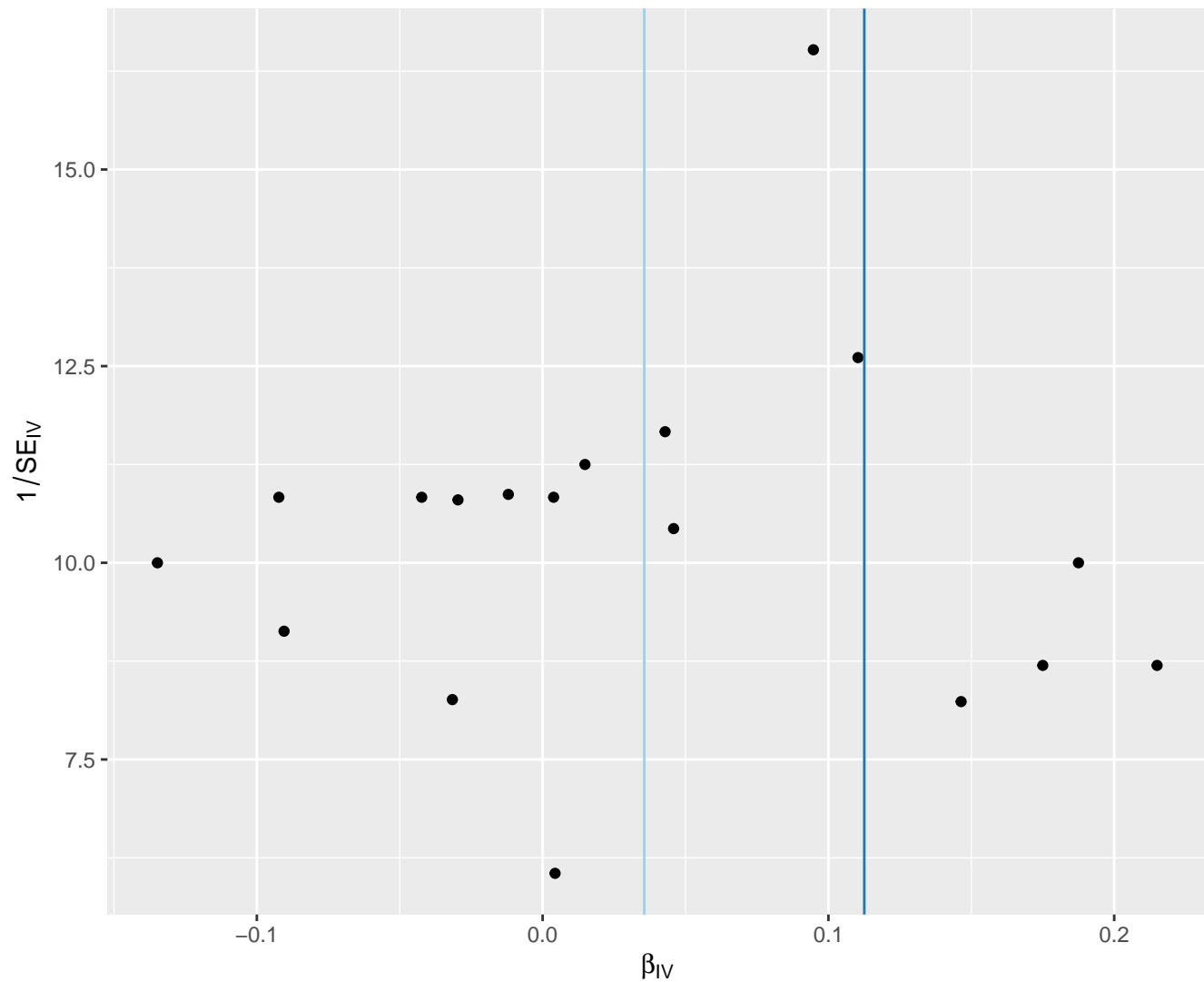
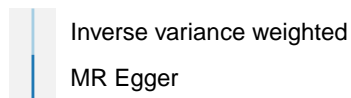
MR Method





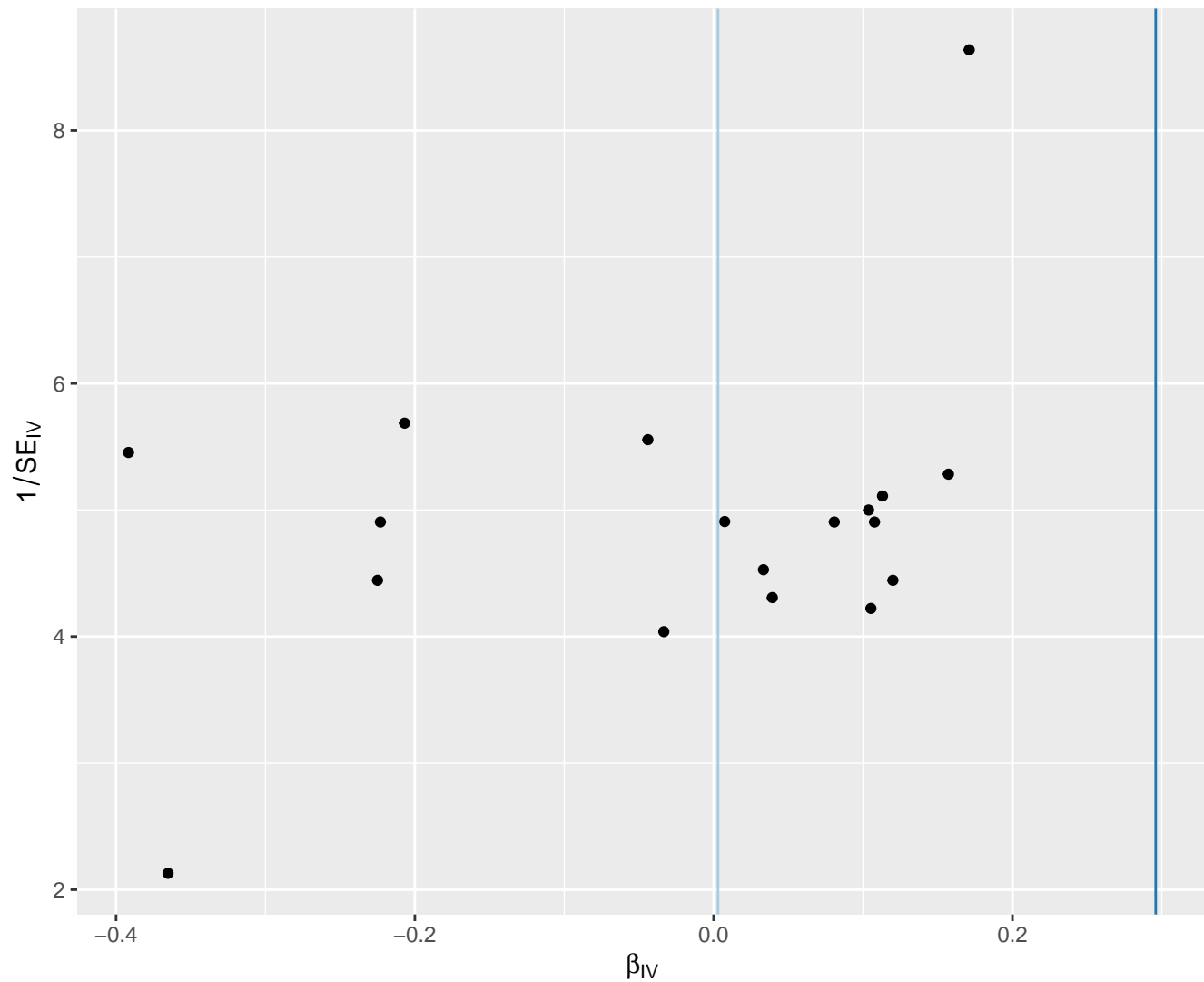
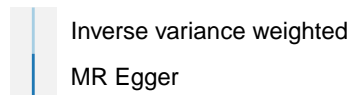
# Lactate

MR Method



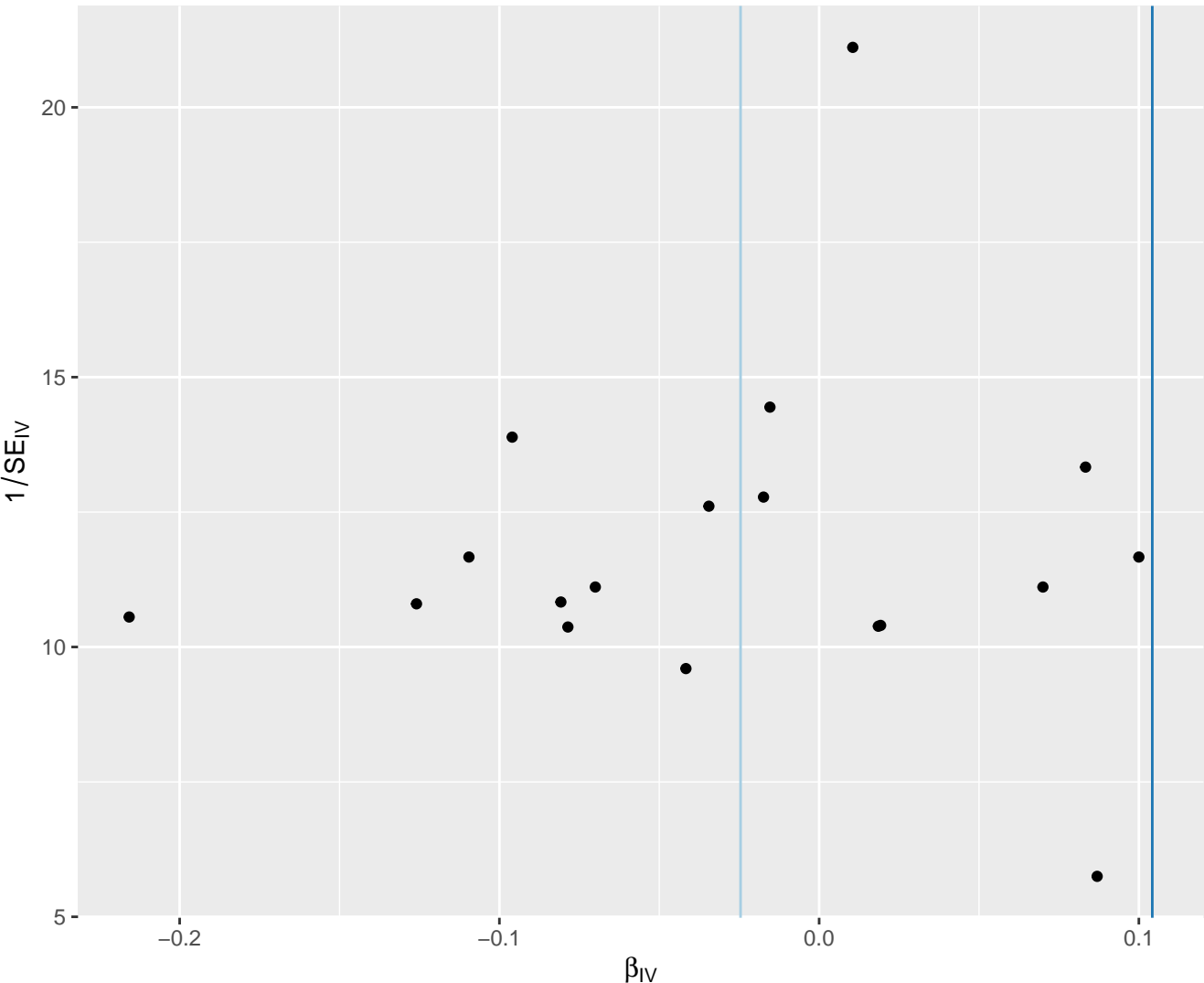
# Lathosterol

MR Method



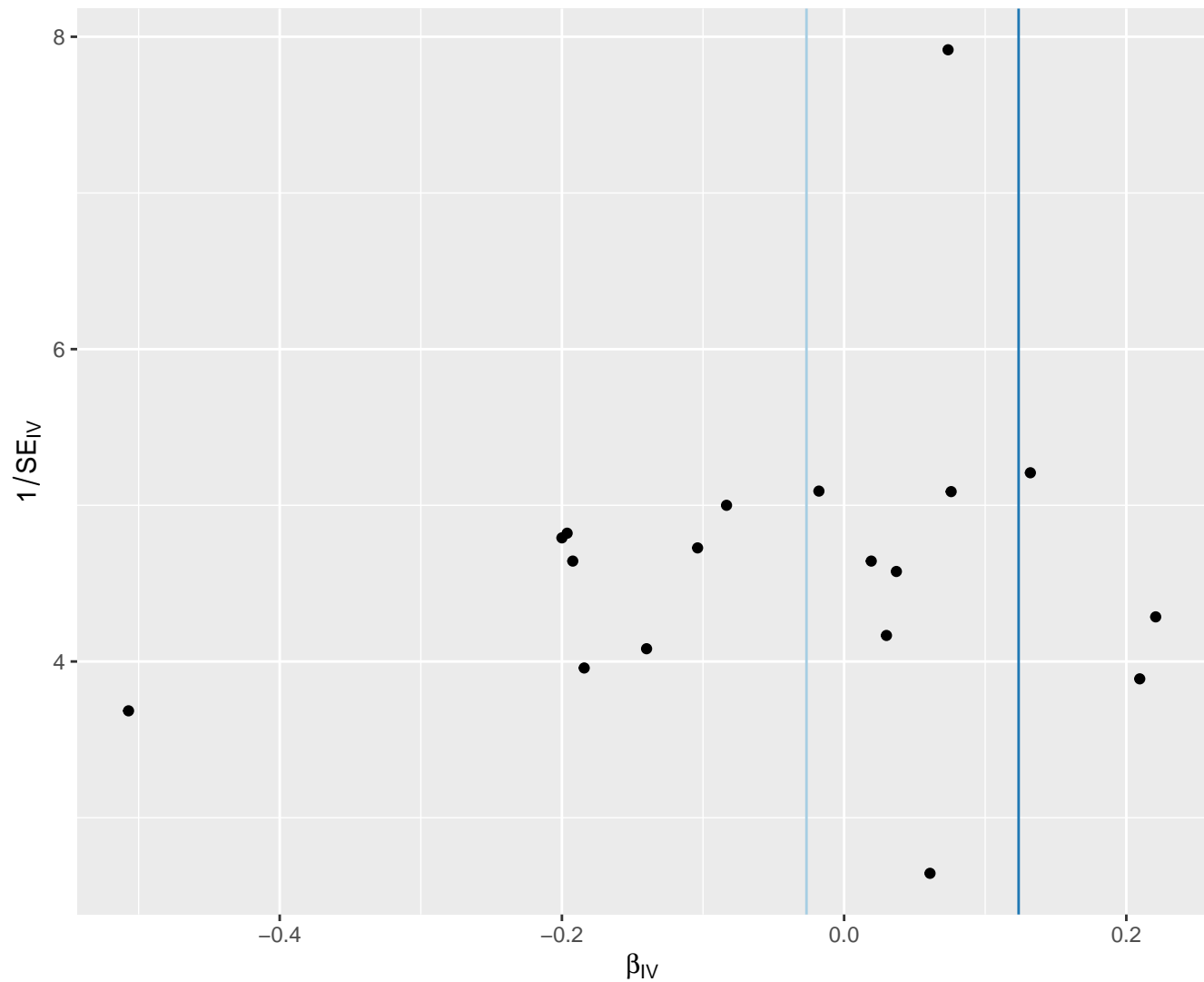
Laurate (12:0)

MR Method



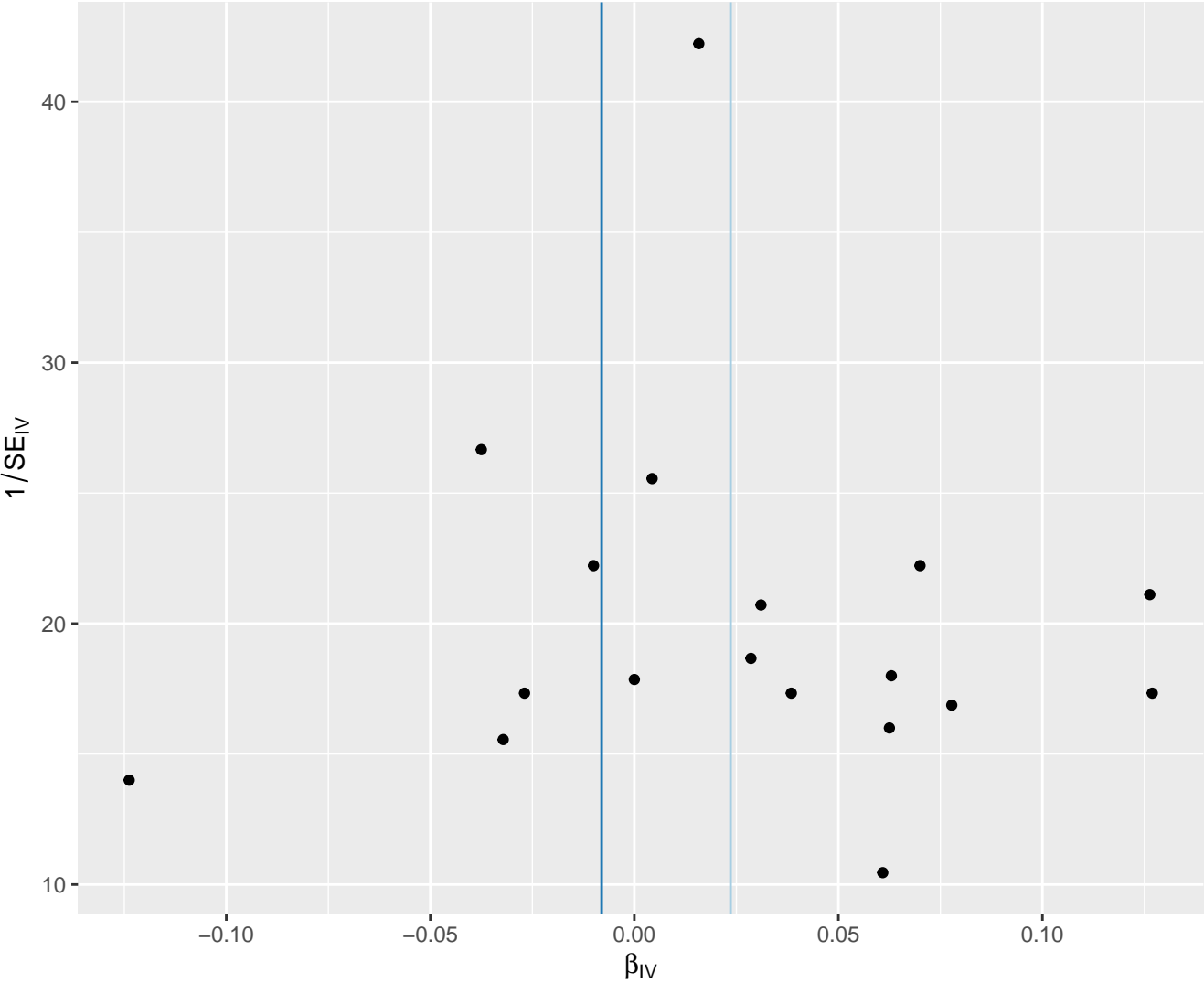
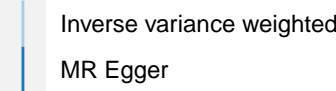
# Laurylcarnitine

MR Method



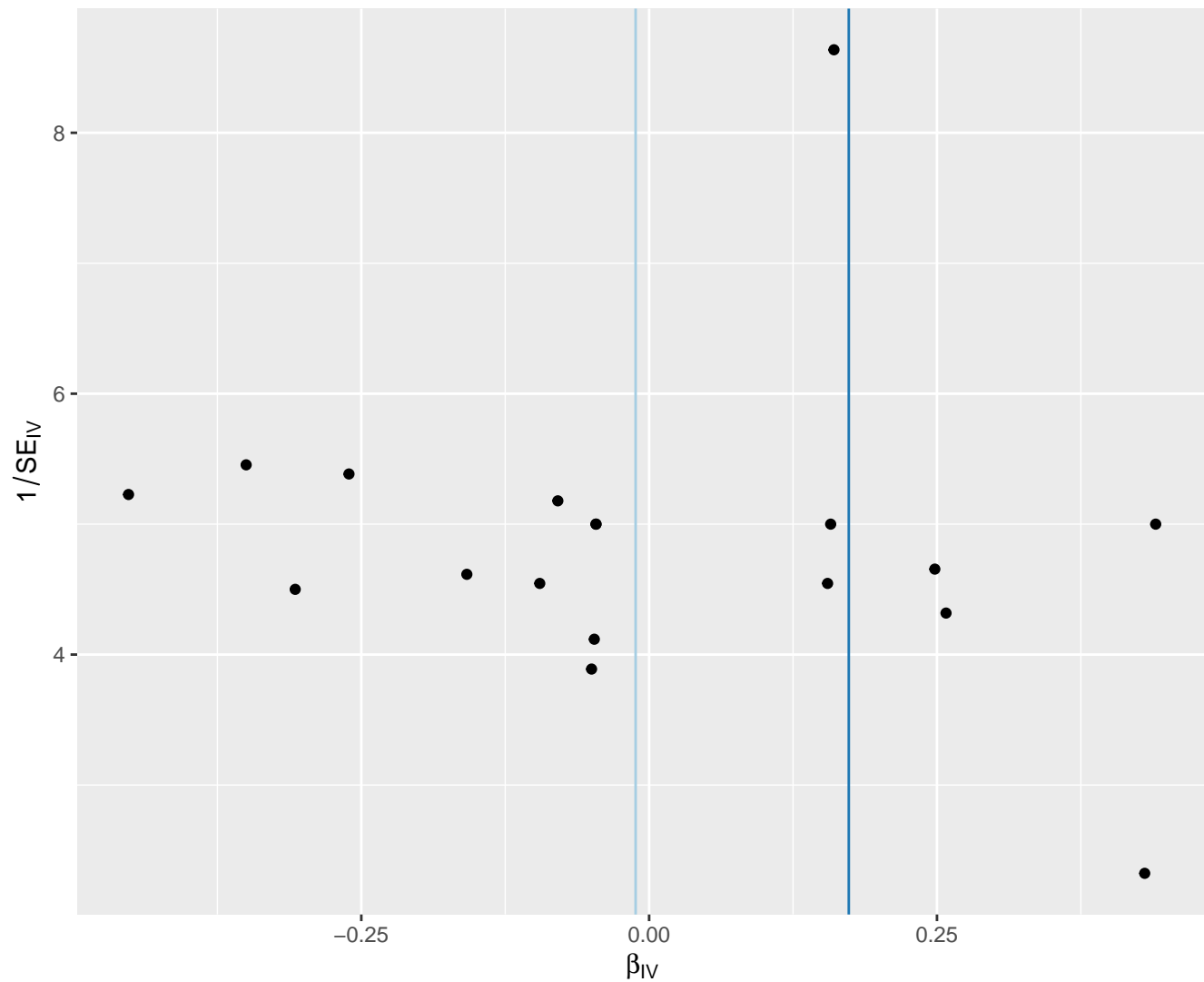
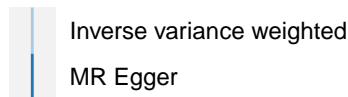
# Leucine

MR Method



# Leucylleucine

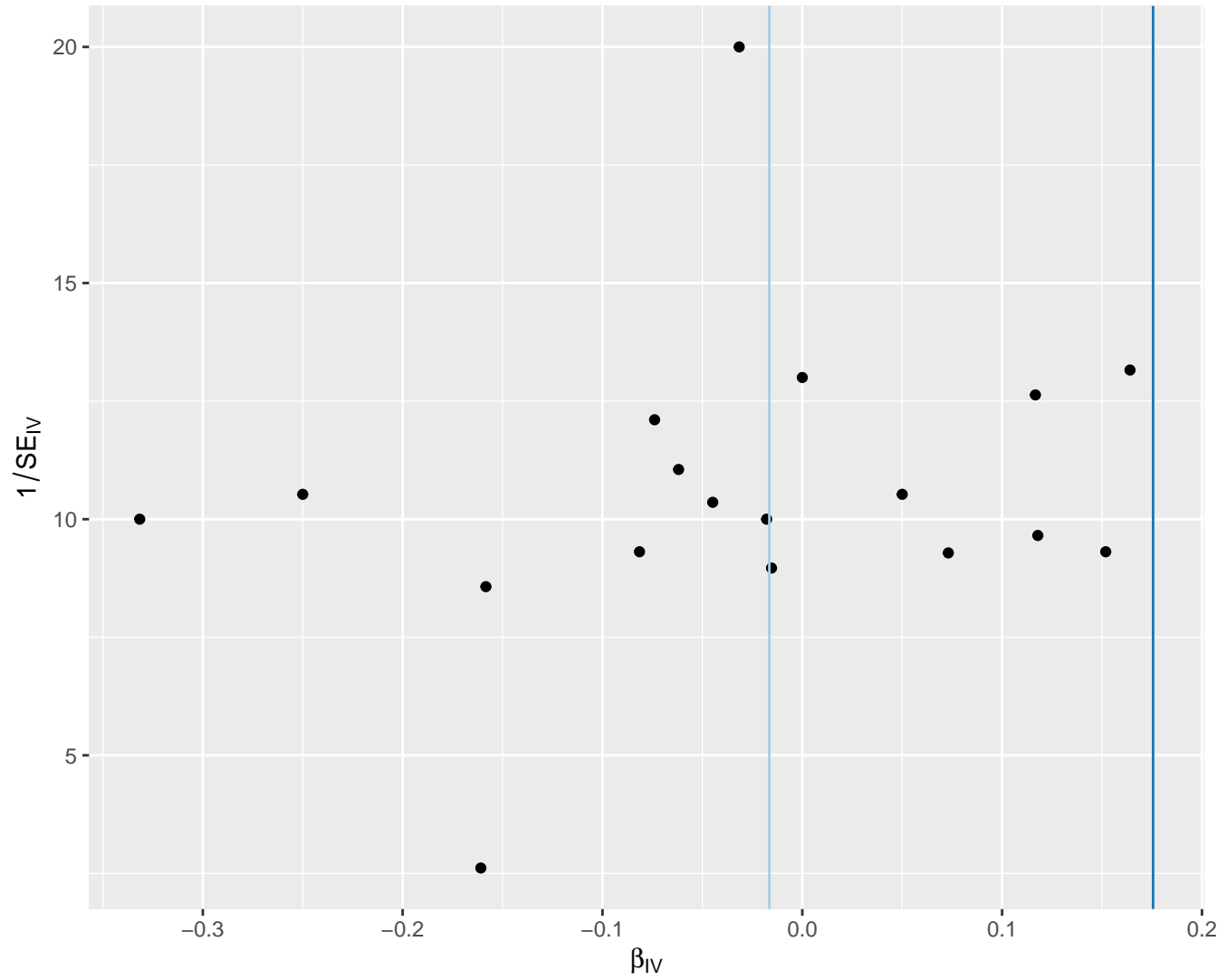
MR Method



Levulinate (4-oxovalerate)

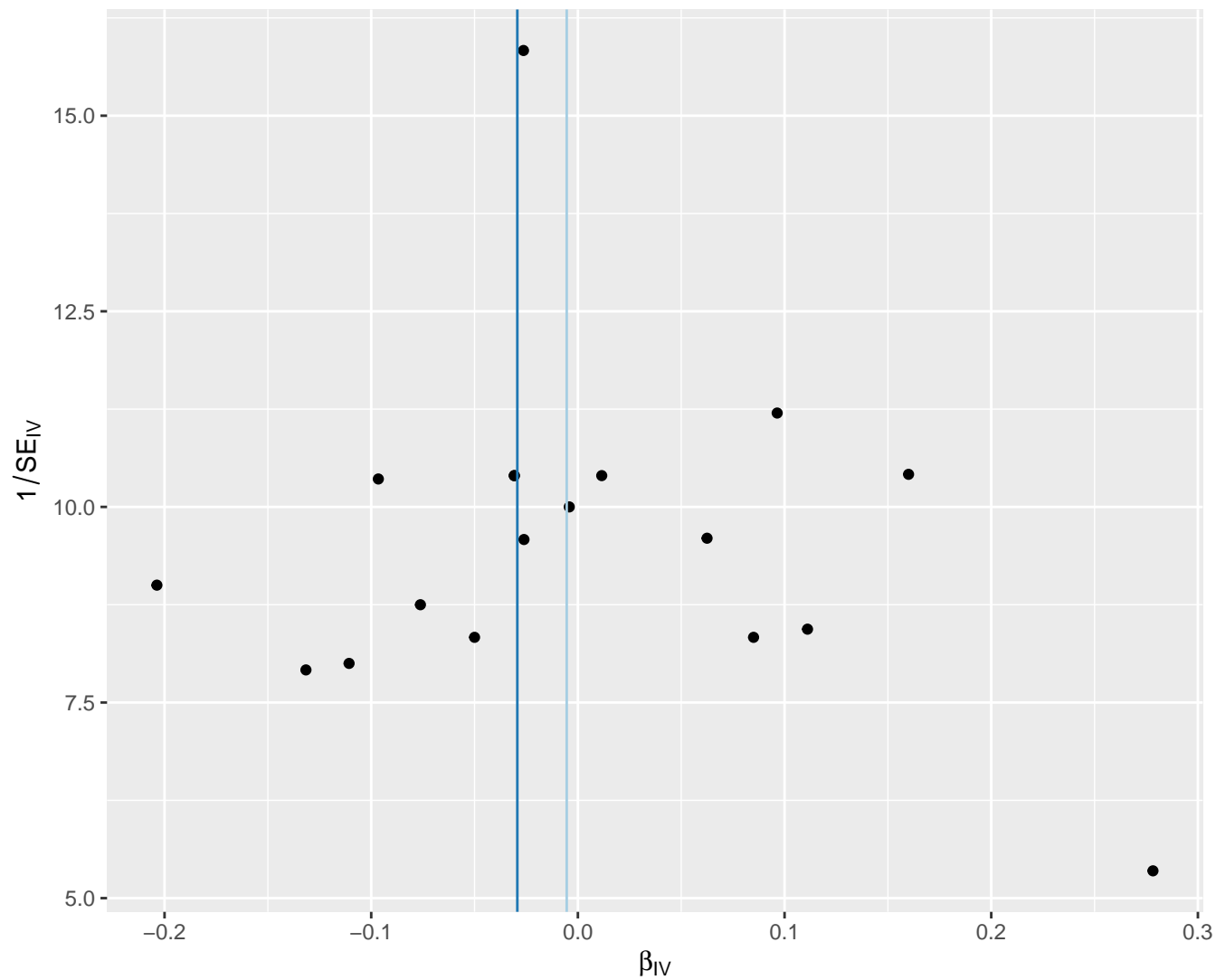
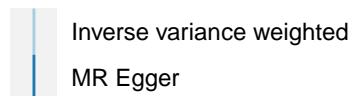
MR Method

- Inverse variance weighted
- MR Egger



# Linoleate (18:2n6)

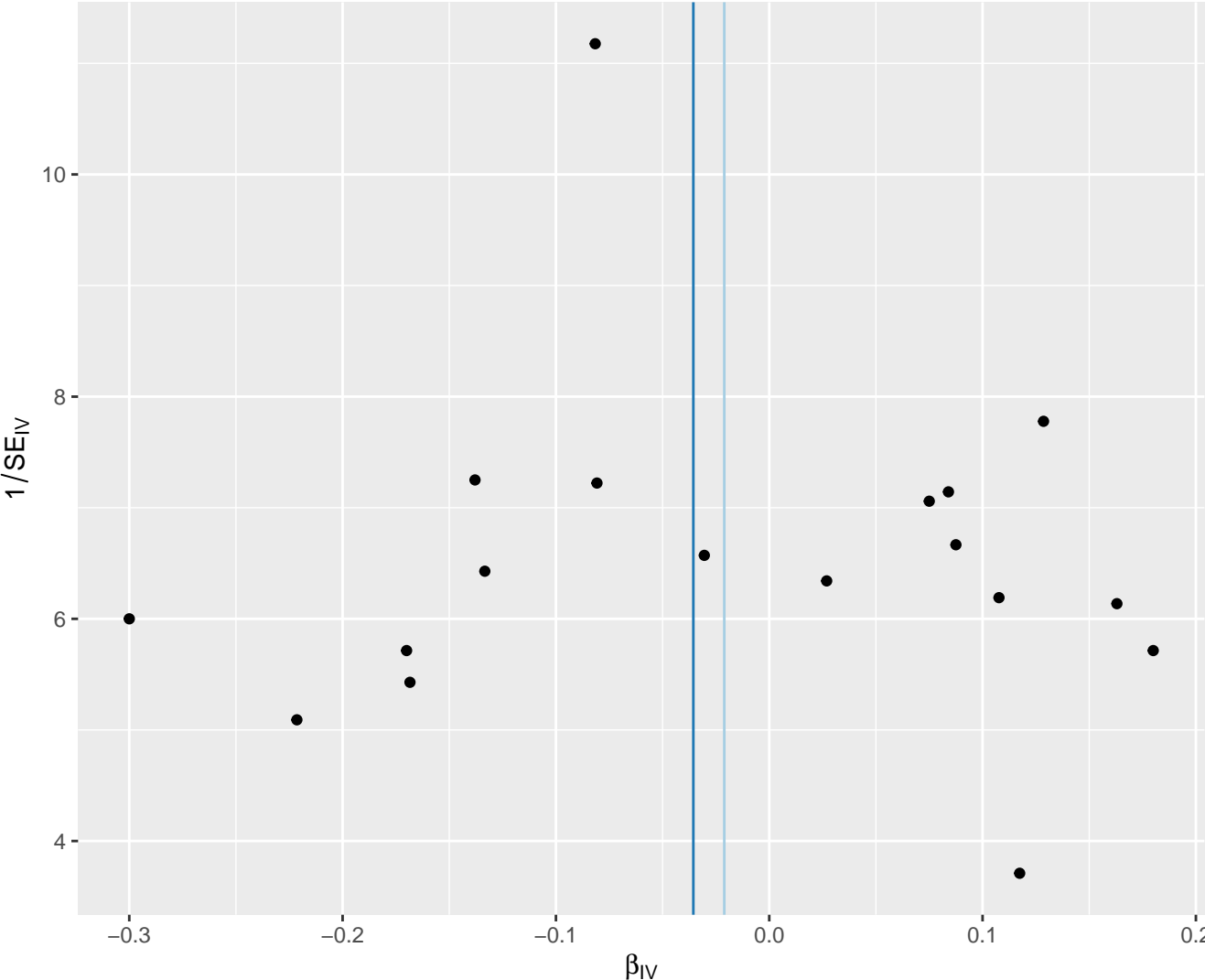
MR Method





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

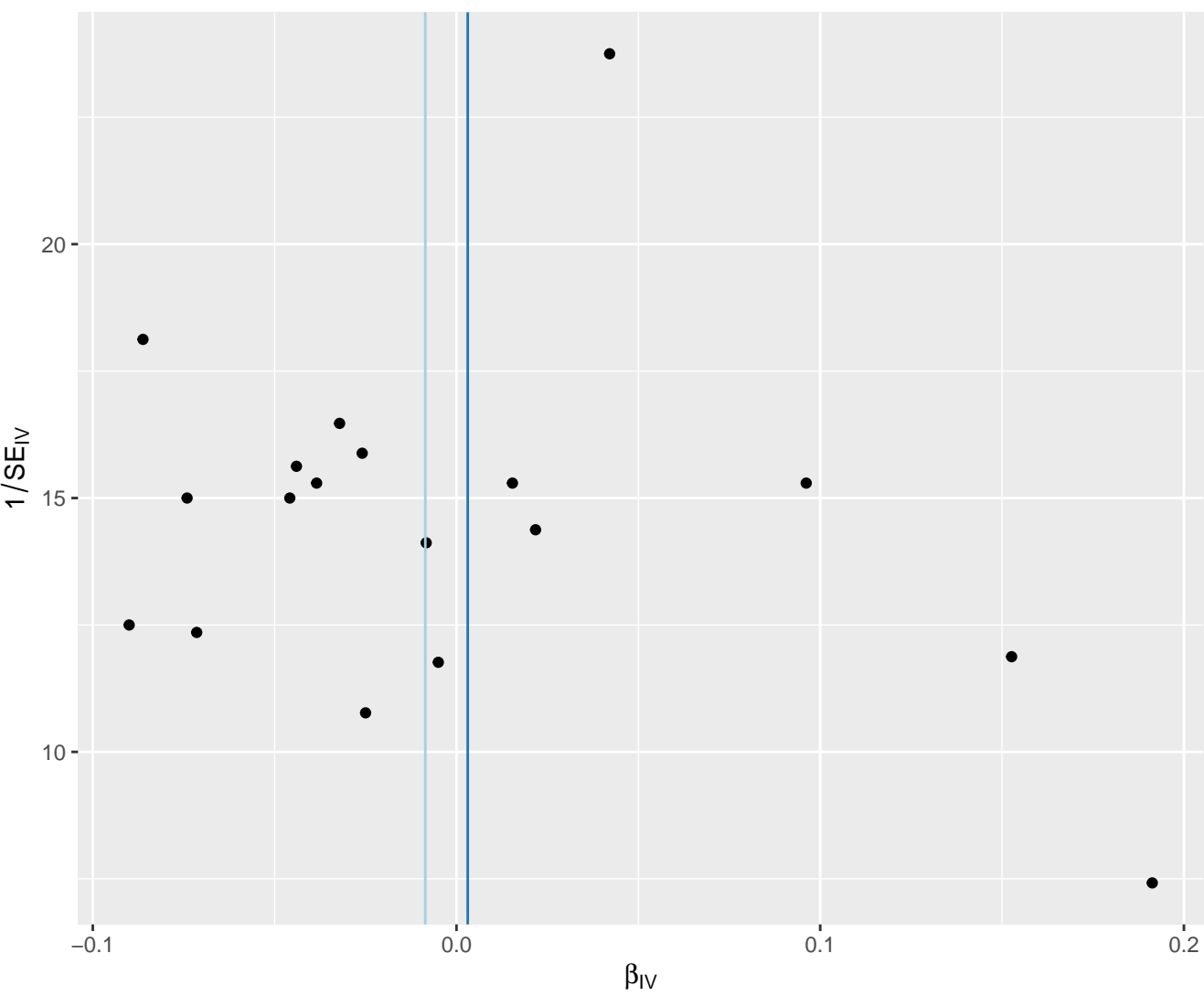
MR Method



# Lysine

MR Method

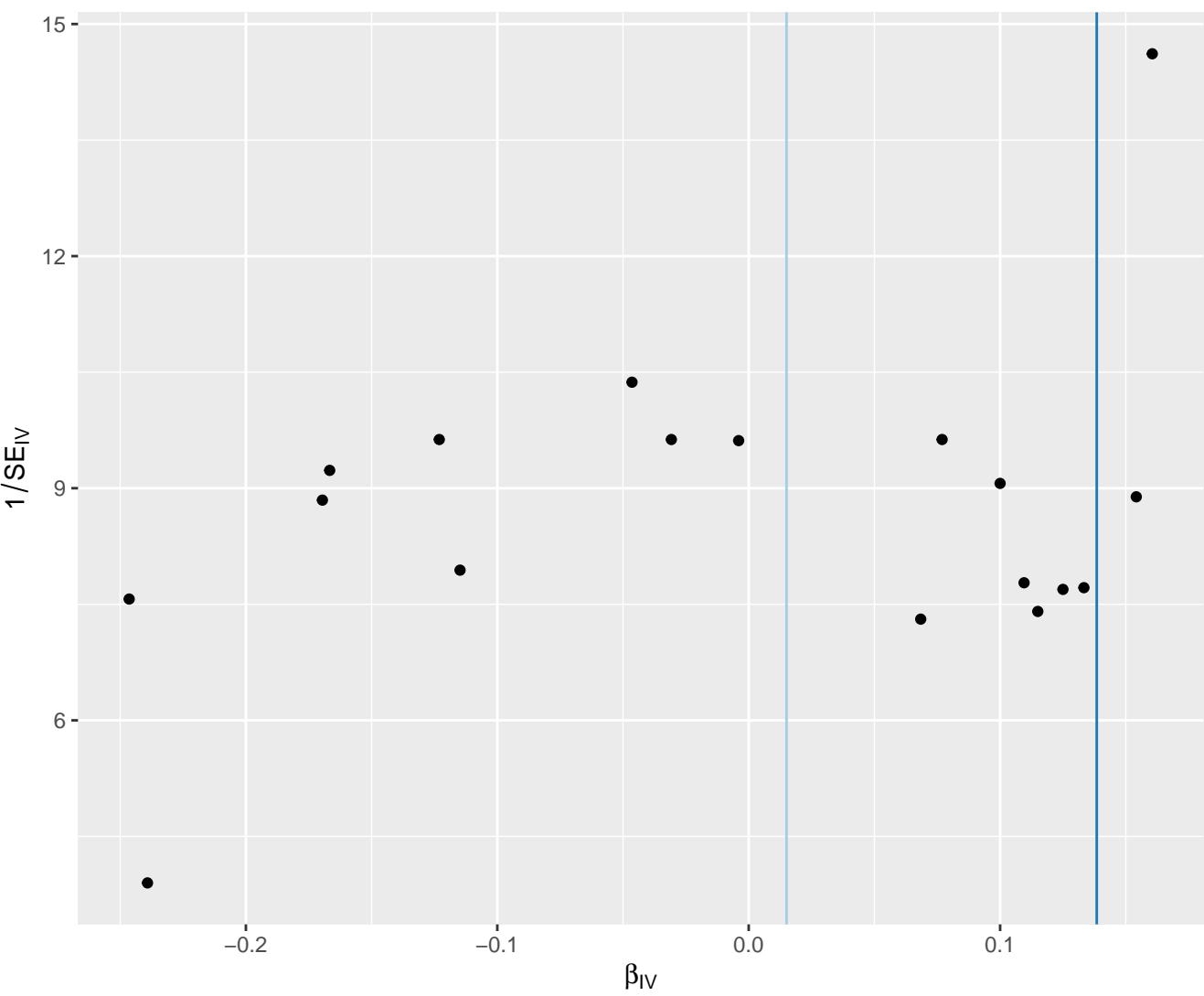
- Inverse variance weighted
- MR Egger



# Malate

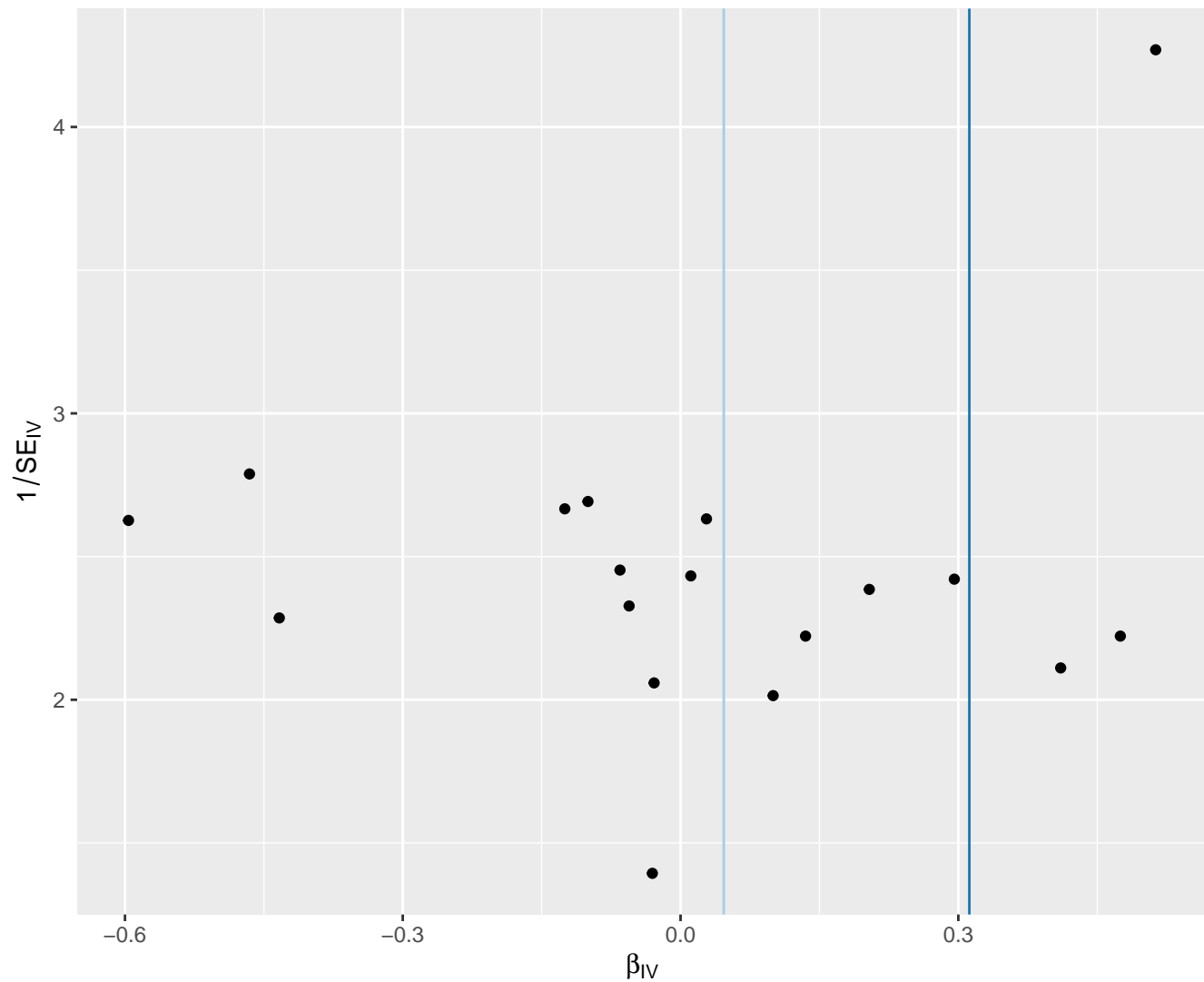
MR Method

- Inverse variance weighted
- MR Egger



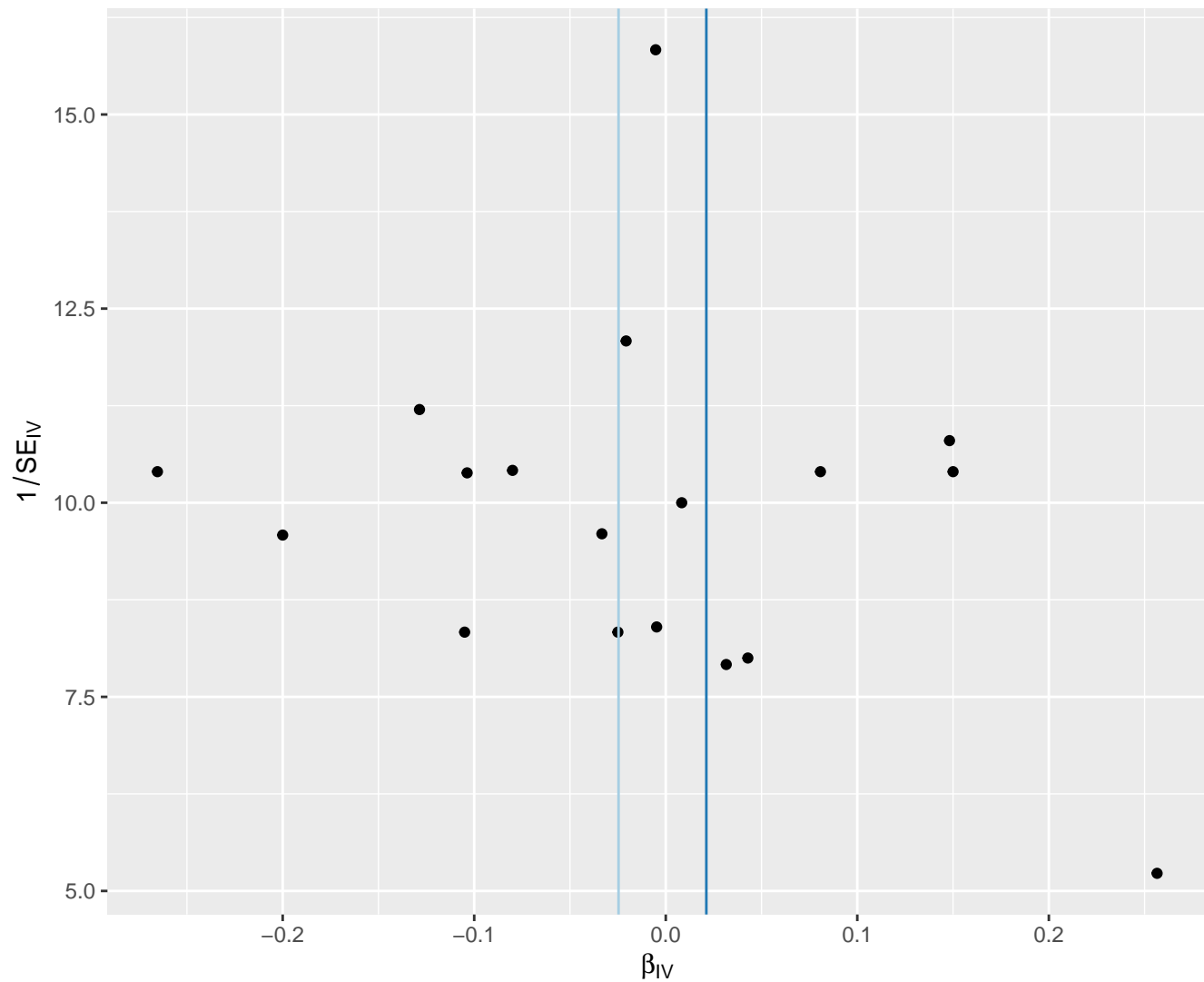
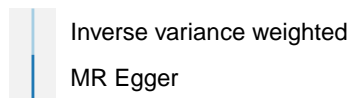
# Mannitol

## MR Method



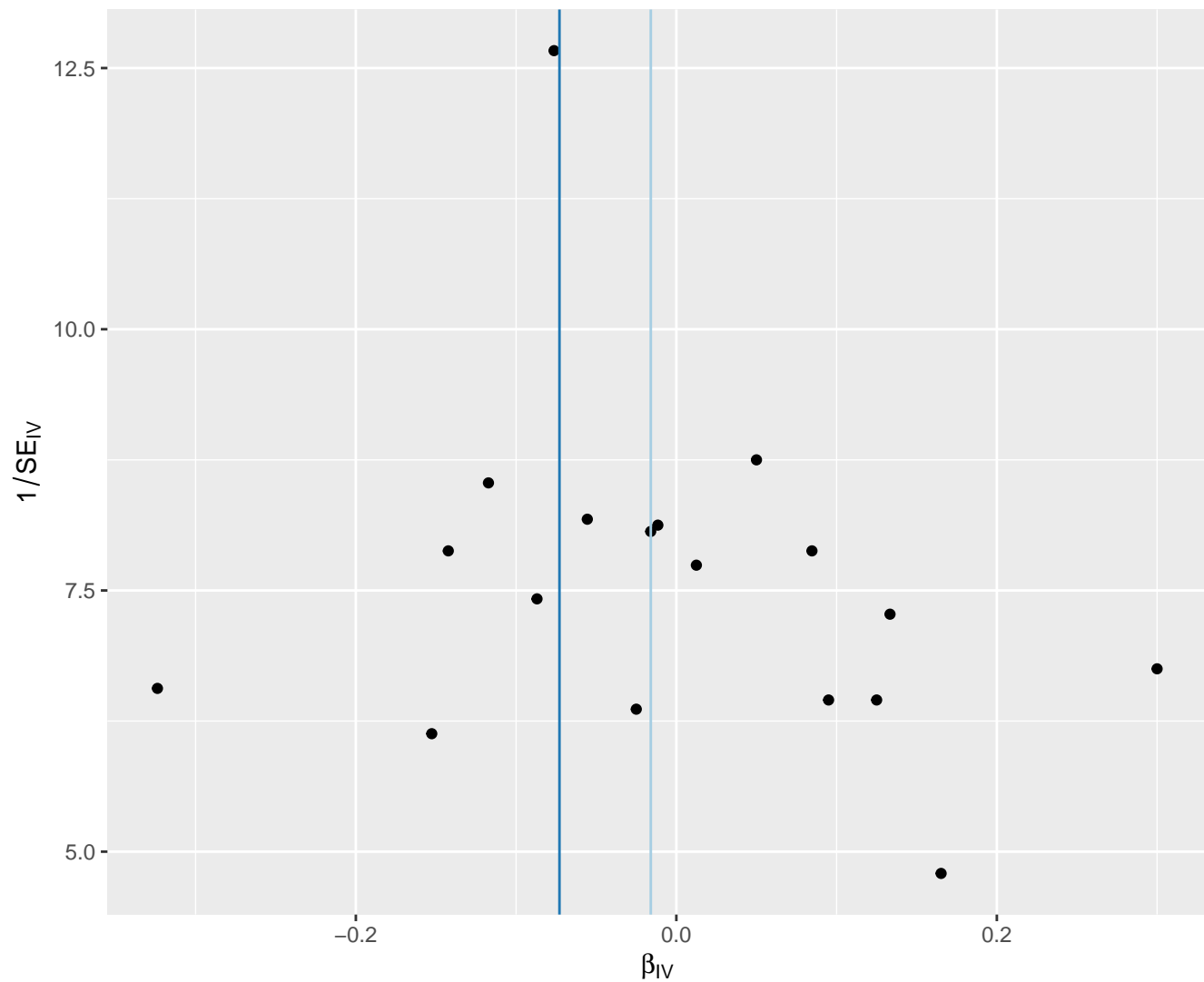
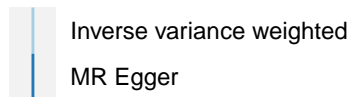
# Mannose

## MR Method



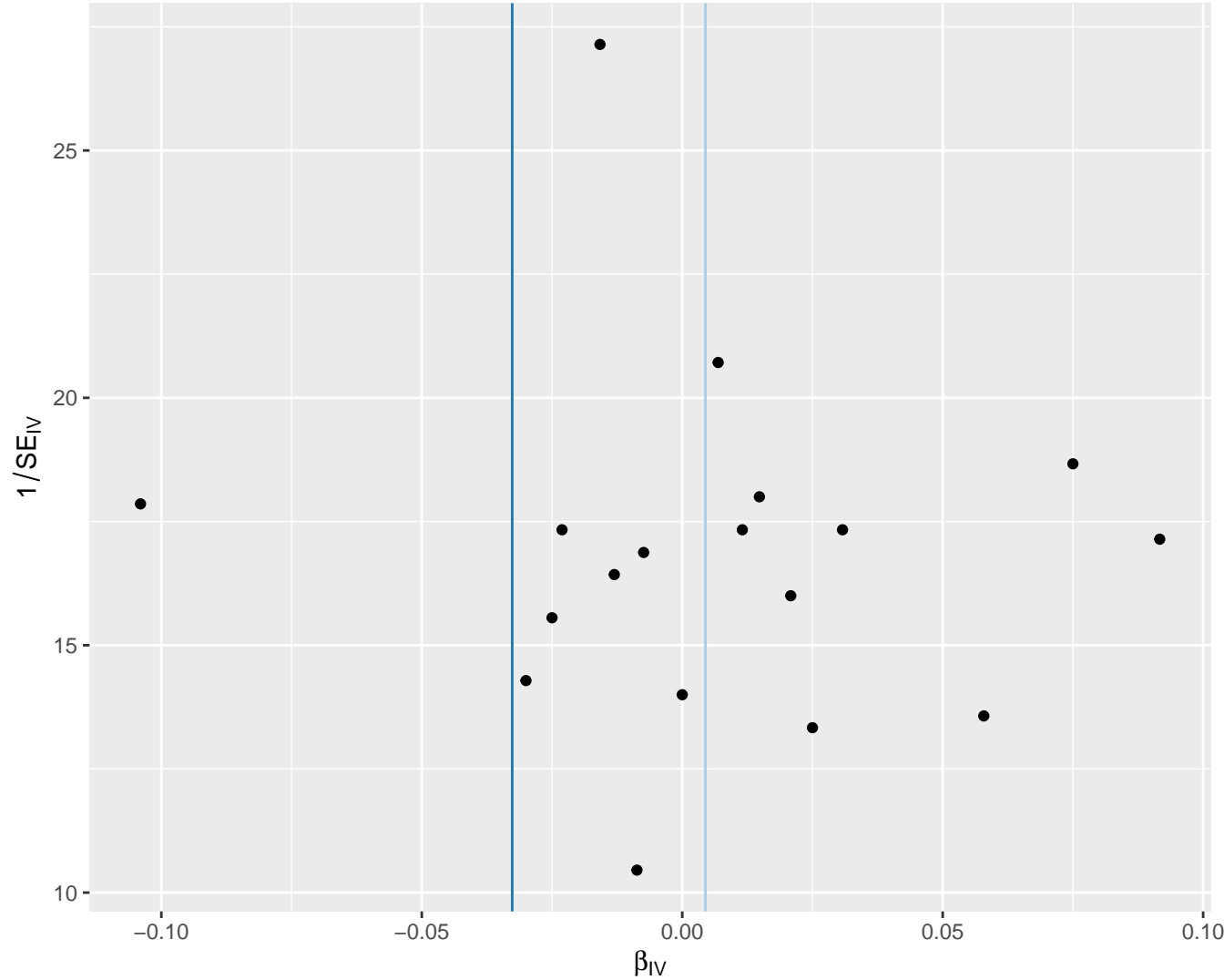
# Margarate (17:0)

MR Method



# Methionine

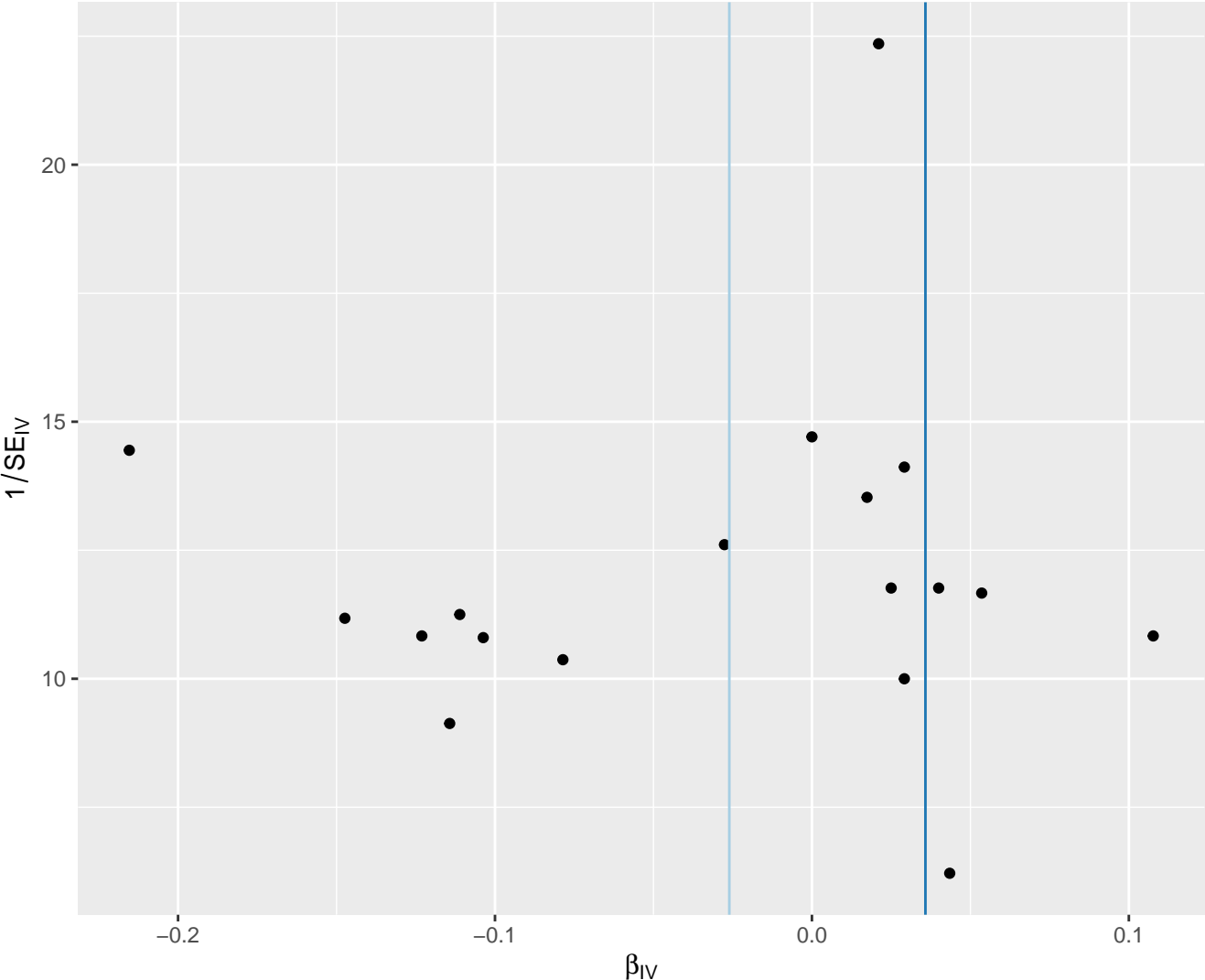
MR Method



# Myo-inositol

MR Method

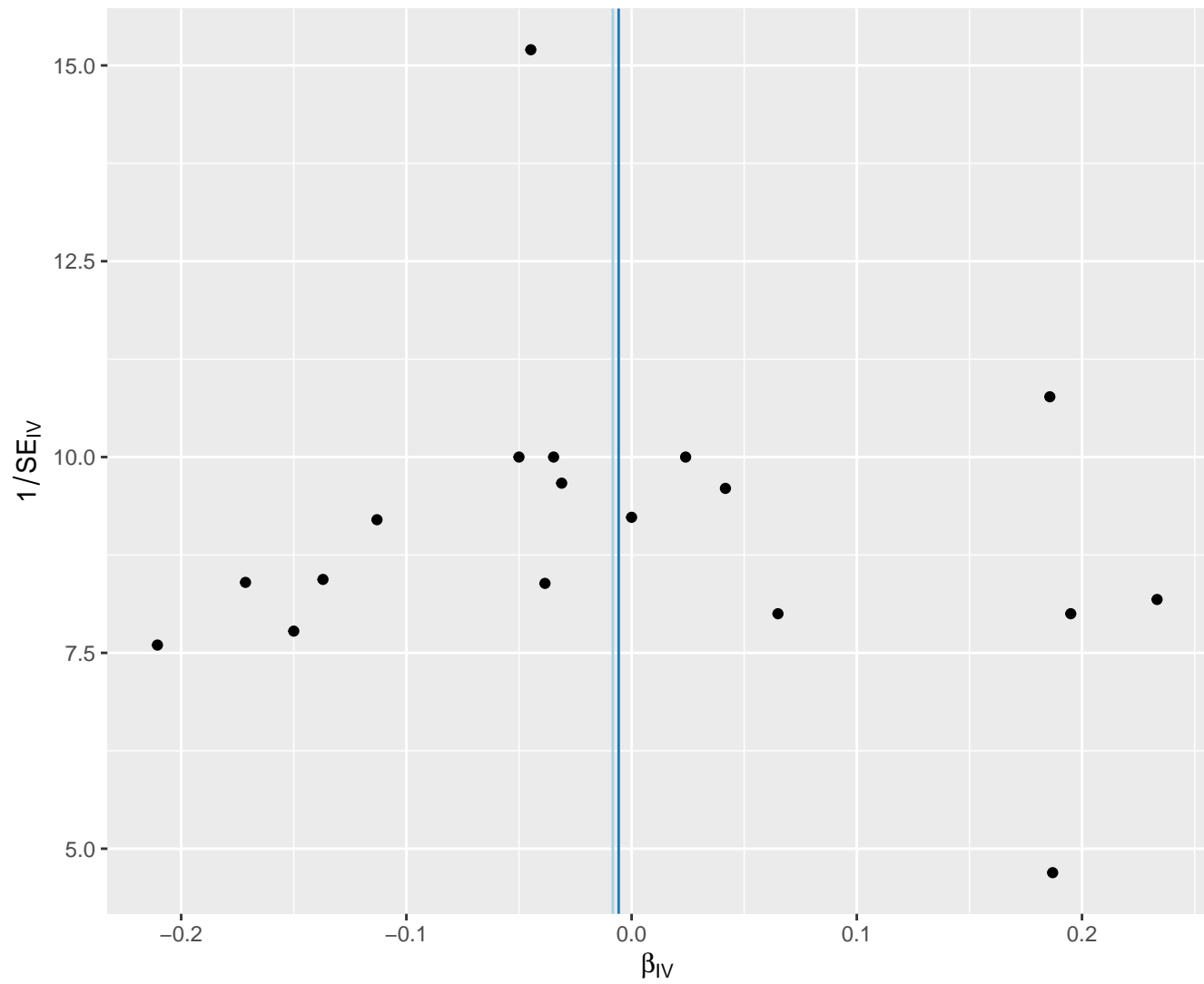
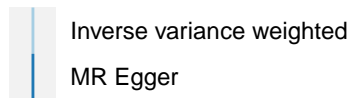
- Inverse variance weighted
- MR Egger





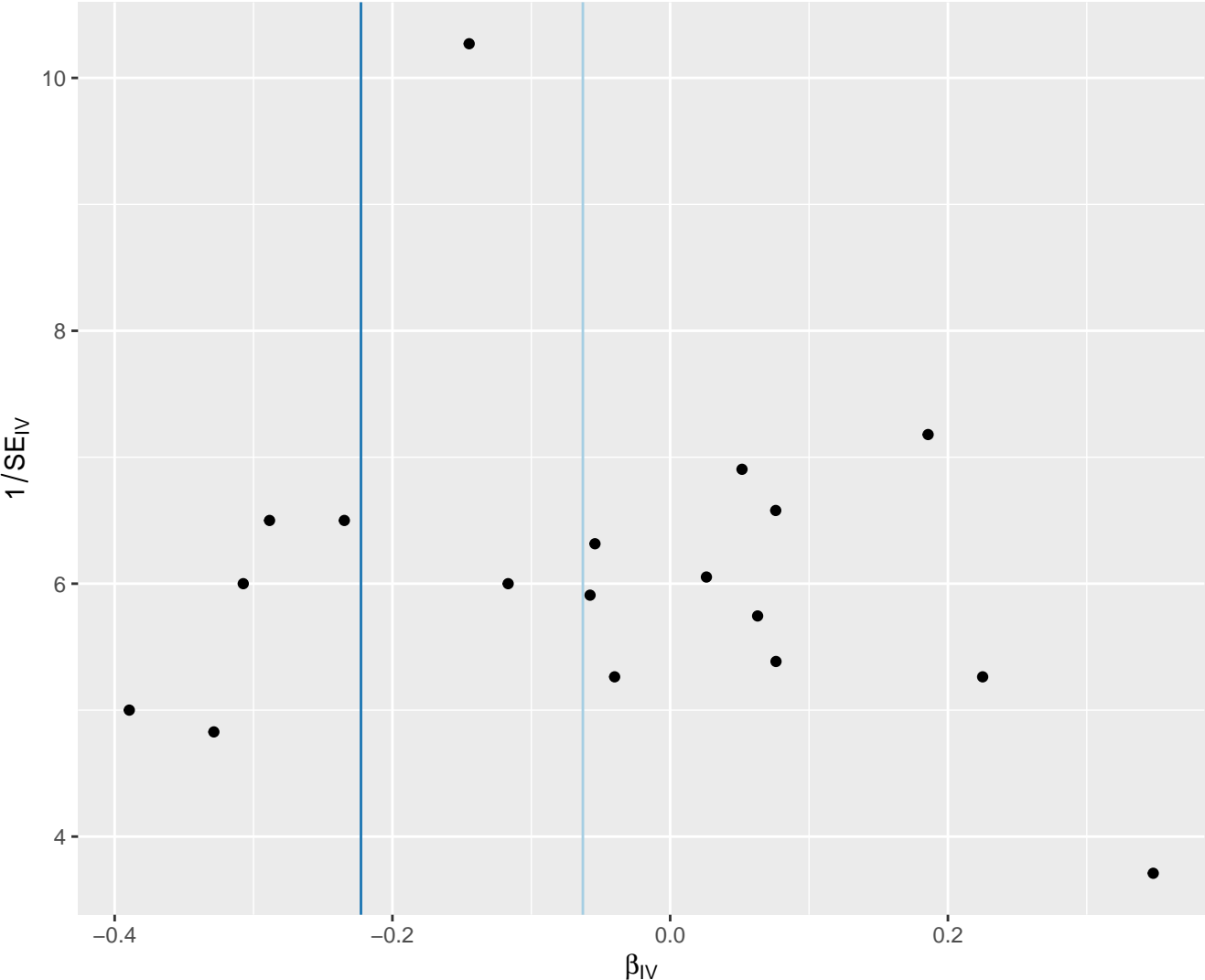
# Myristate (14:0)

MR Method



Myristoleate (14:1n5)

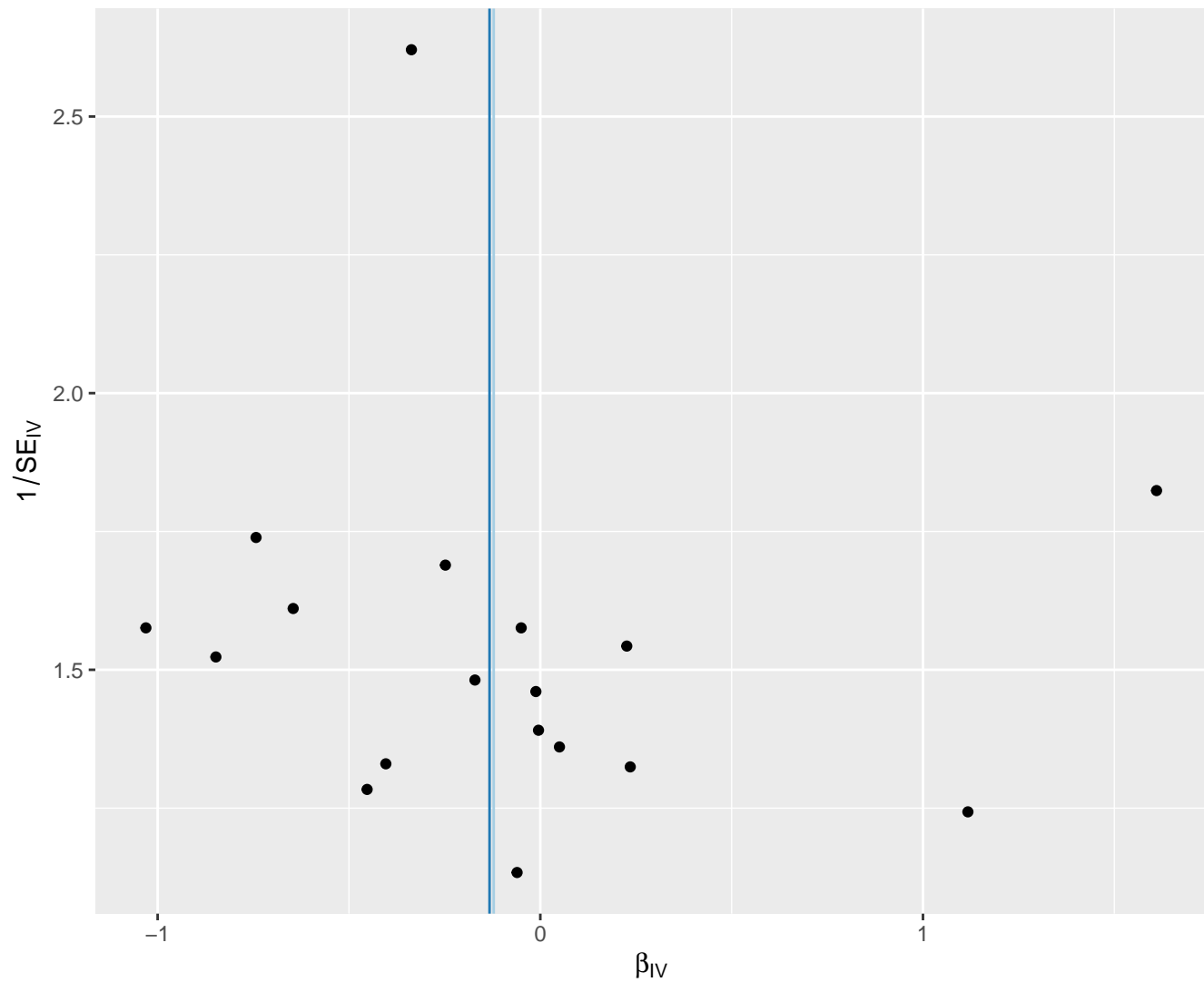
MR Method



# N-(2-furoyl)glycine

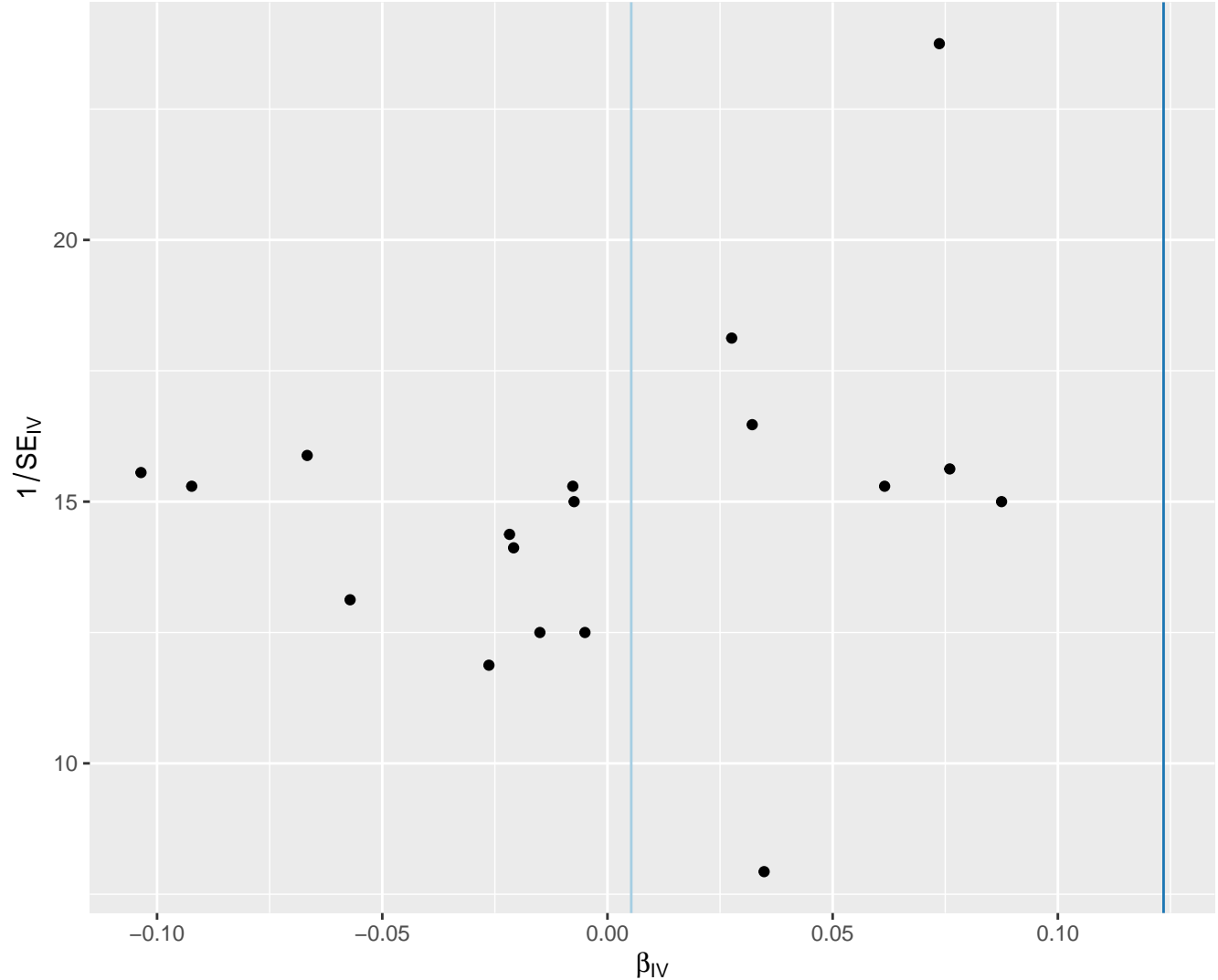
MR Method

Inverse variance weighted  
MR Egger



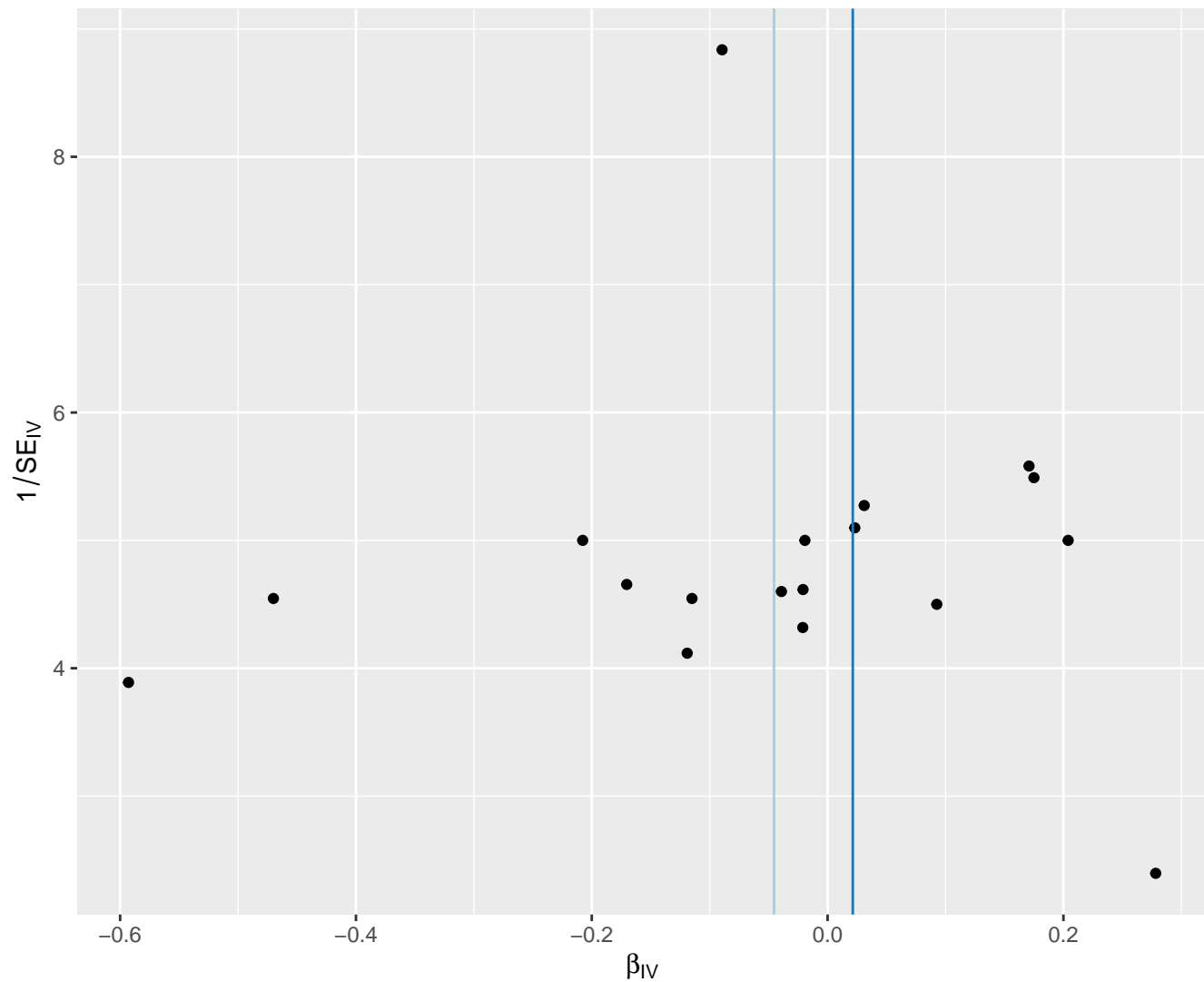
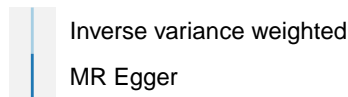
N-acetylalanine

MR Method



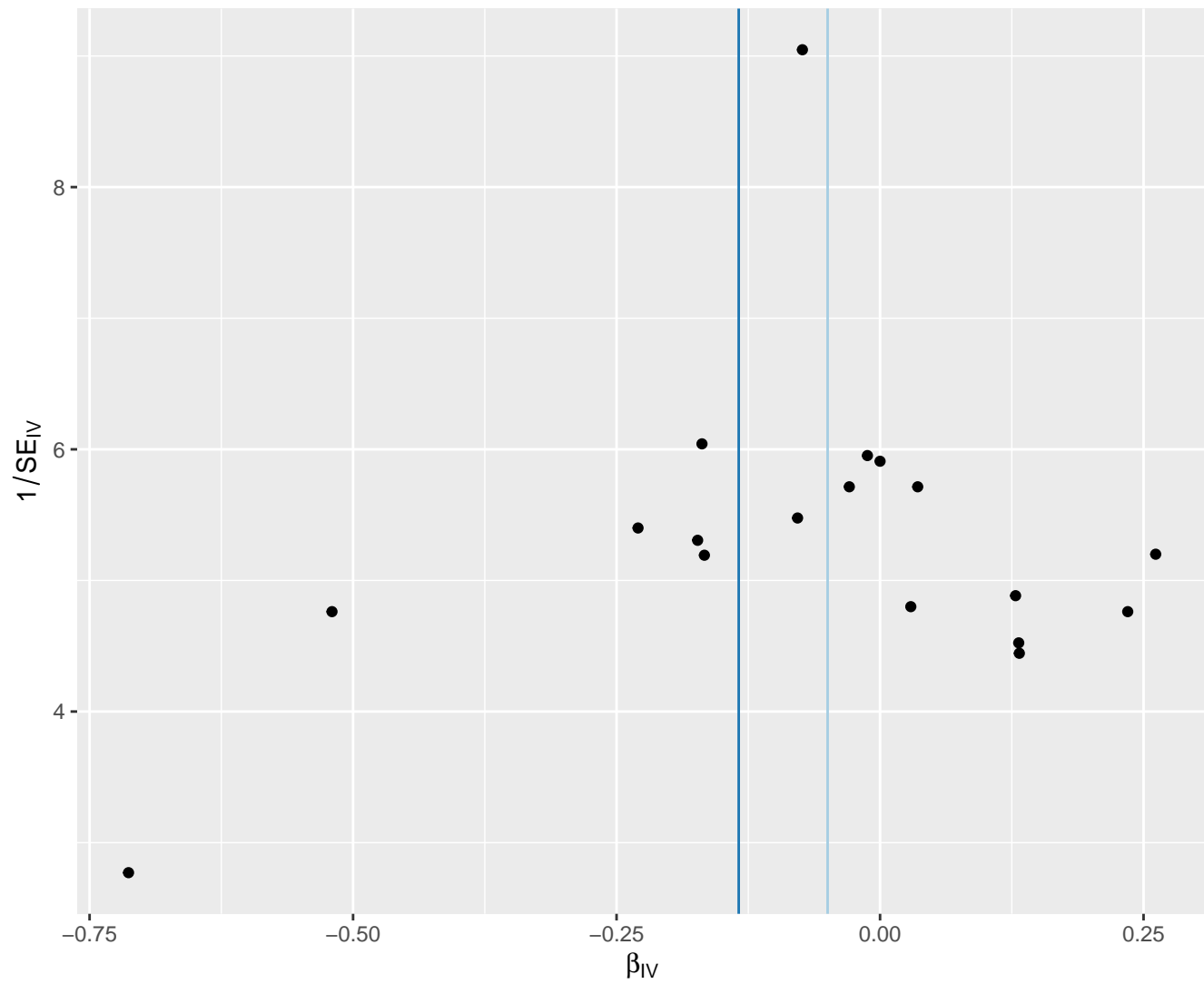
# N-acetylglycine

MR Method



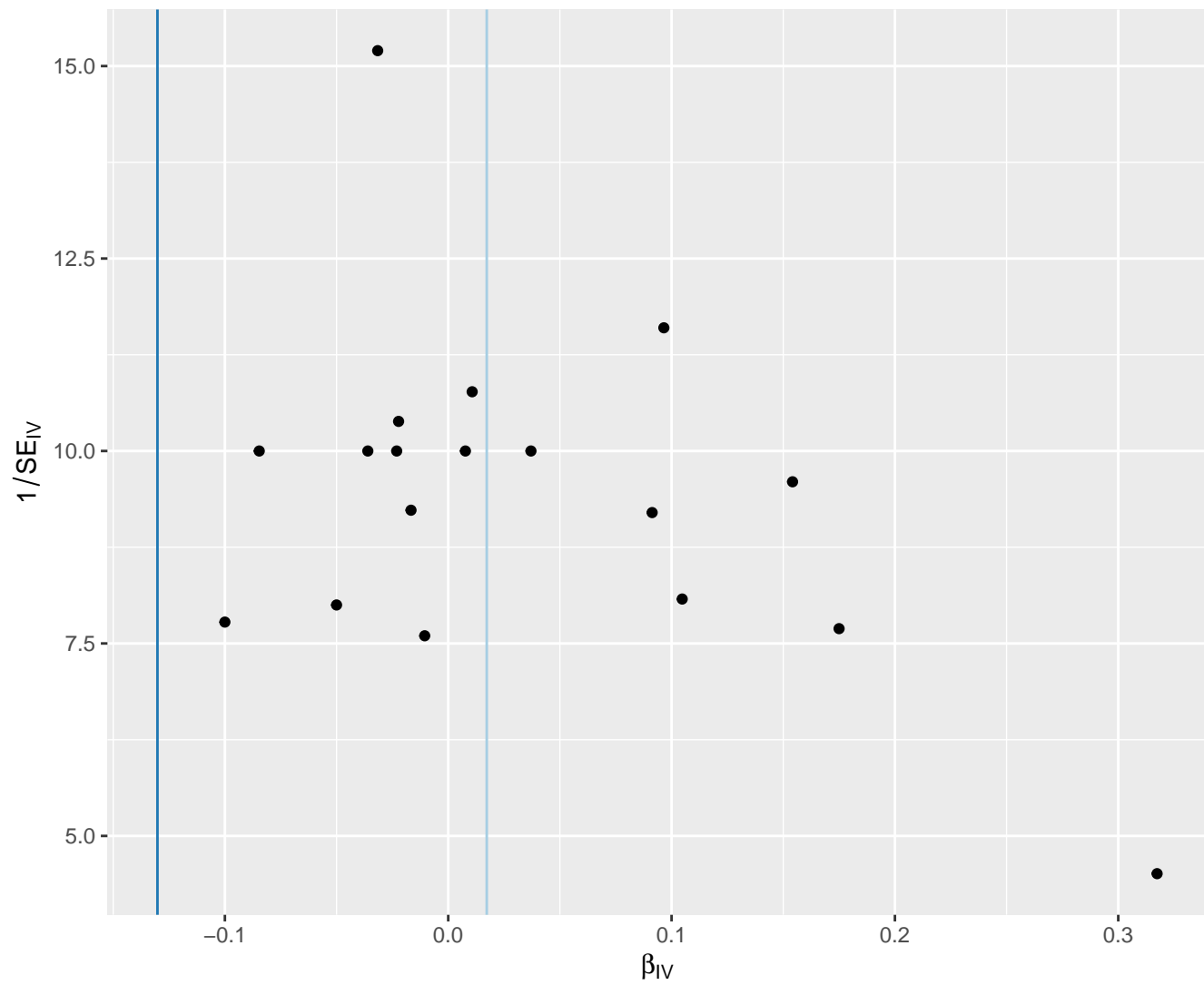
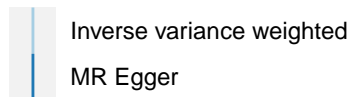
# N-acetylornithine

MR Method



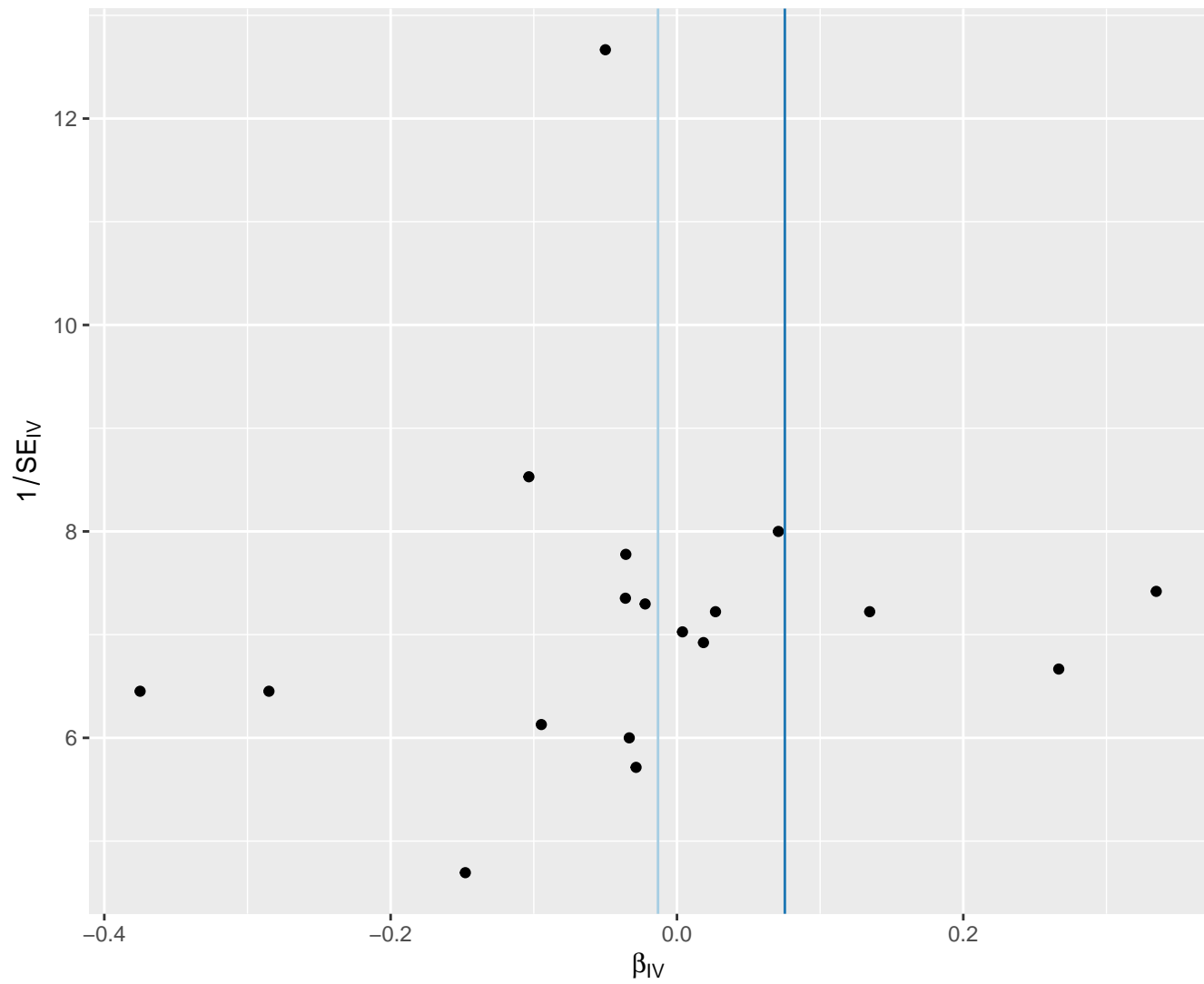
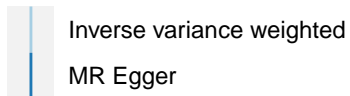
# N-acetylthreonine

MR Method



# N-Butyl Oleate

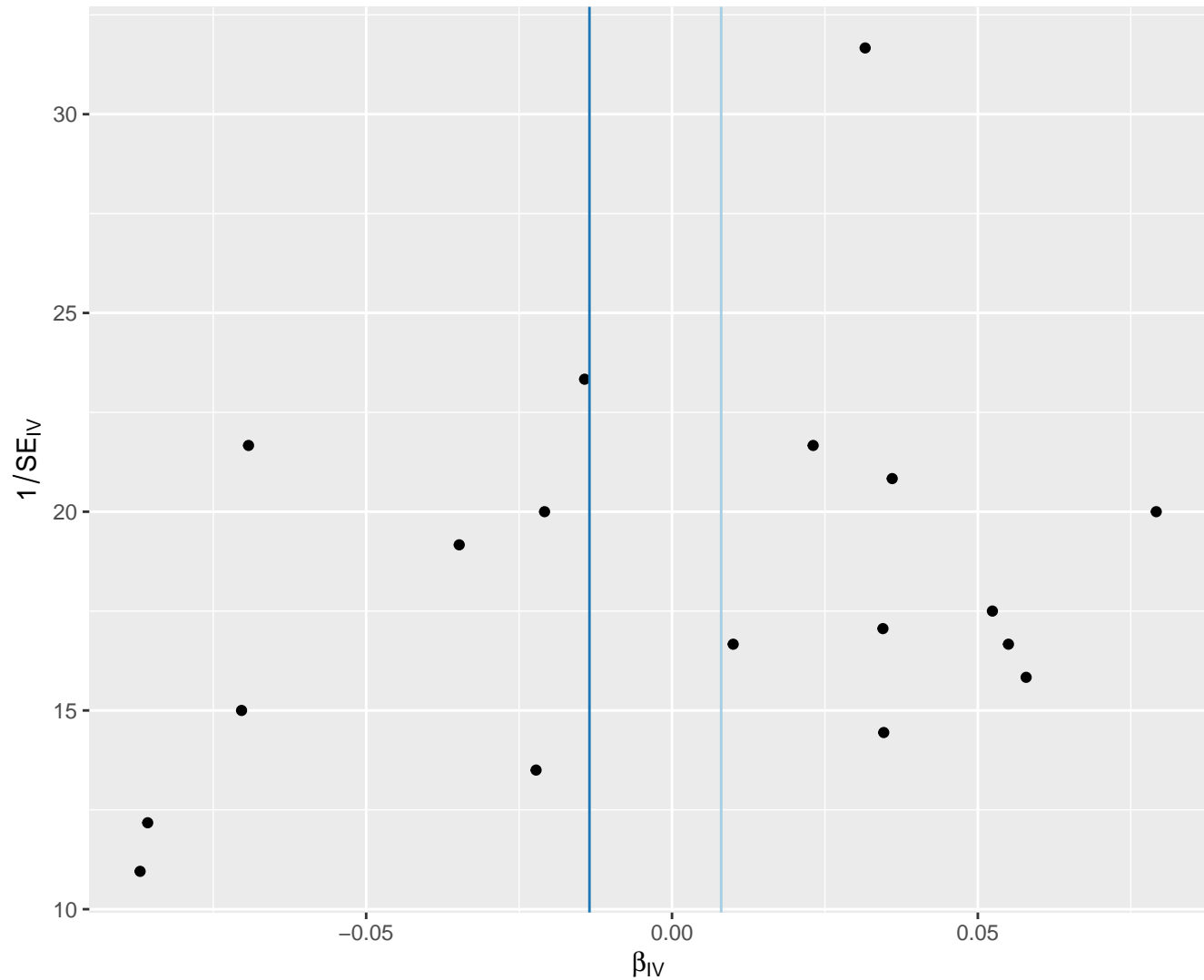
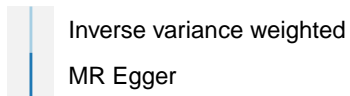
## MR Method





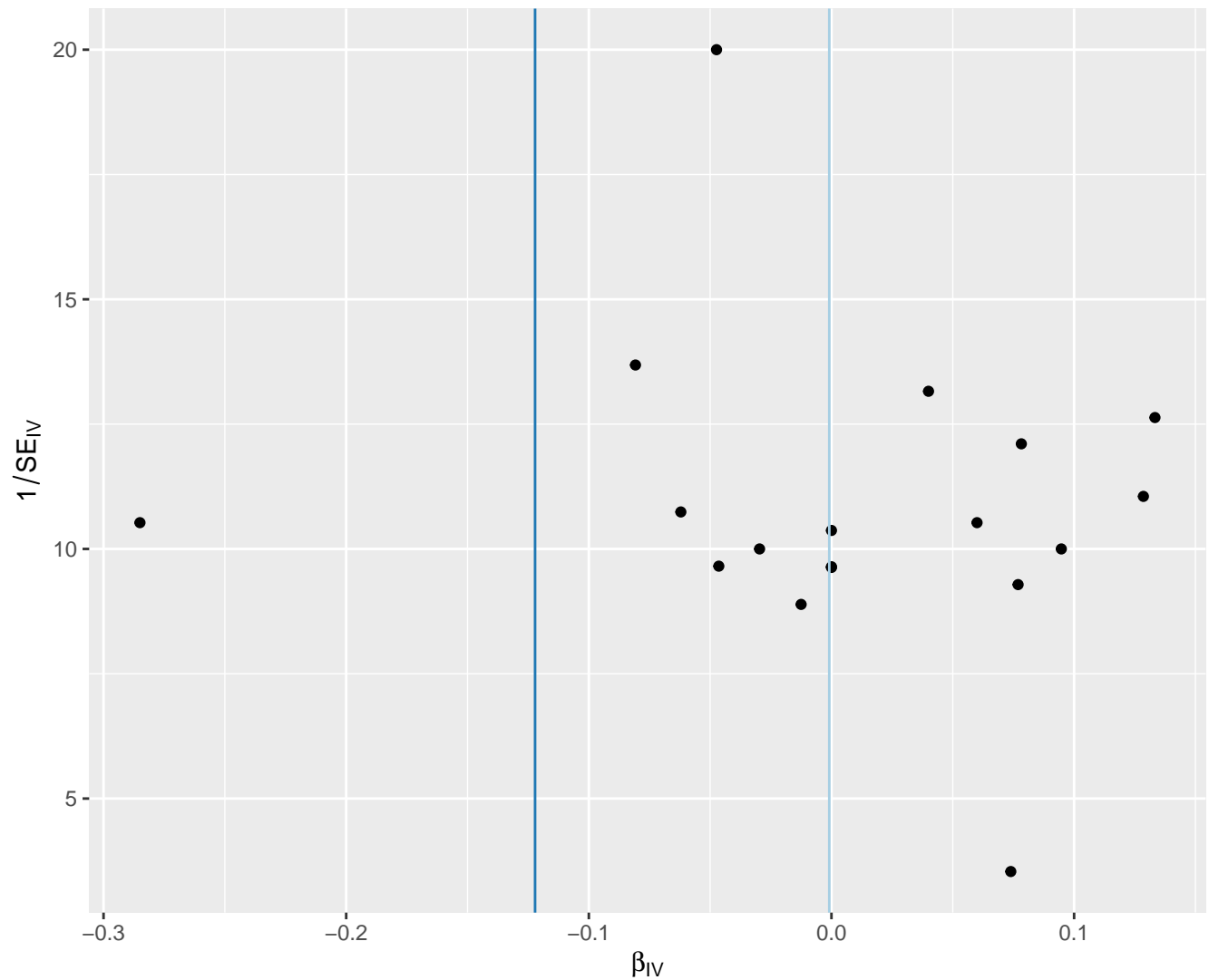
# N1-methyladenosine

MR Method



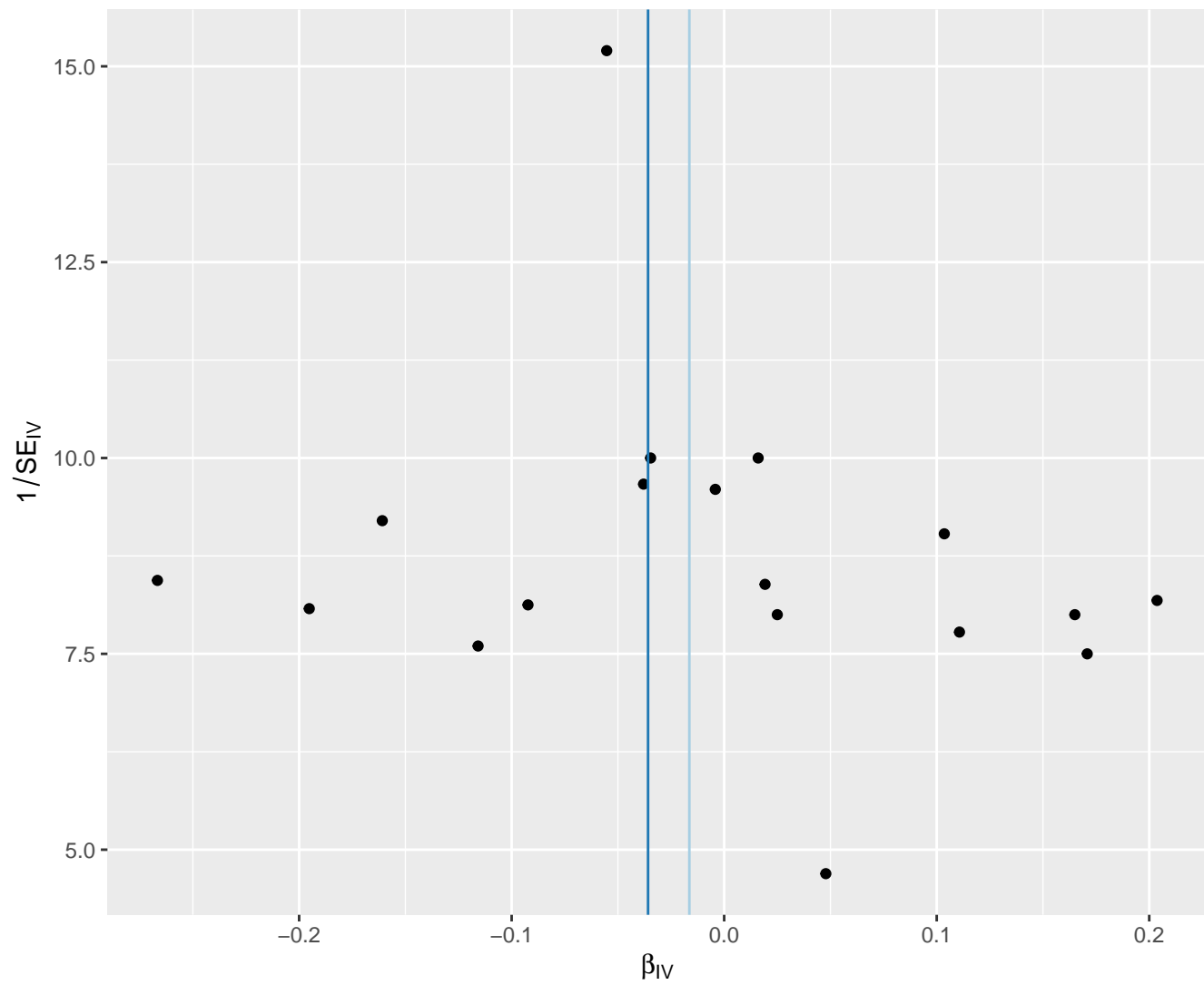
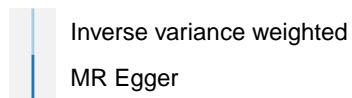
N2,N2-dimethylguanosine

MR Method



# Nonadecanoate (19:0)

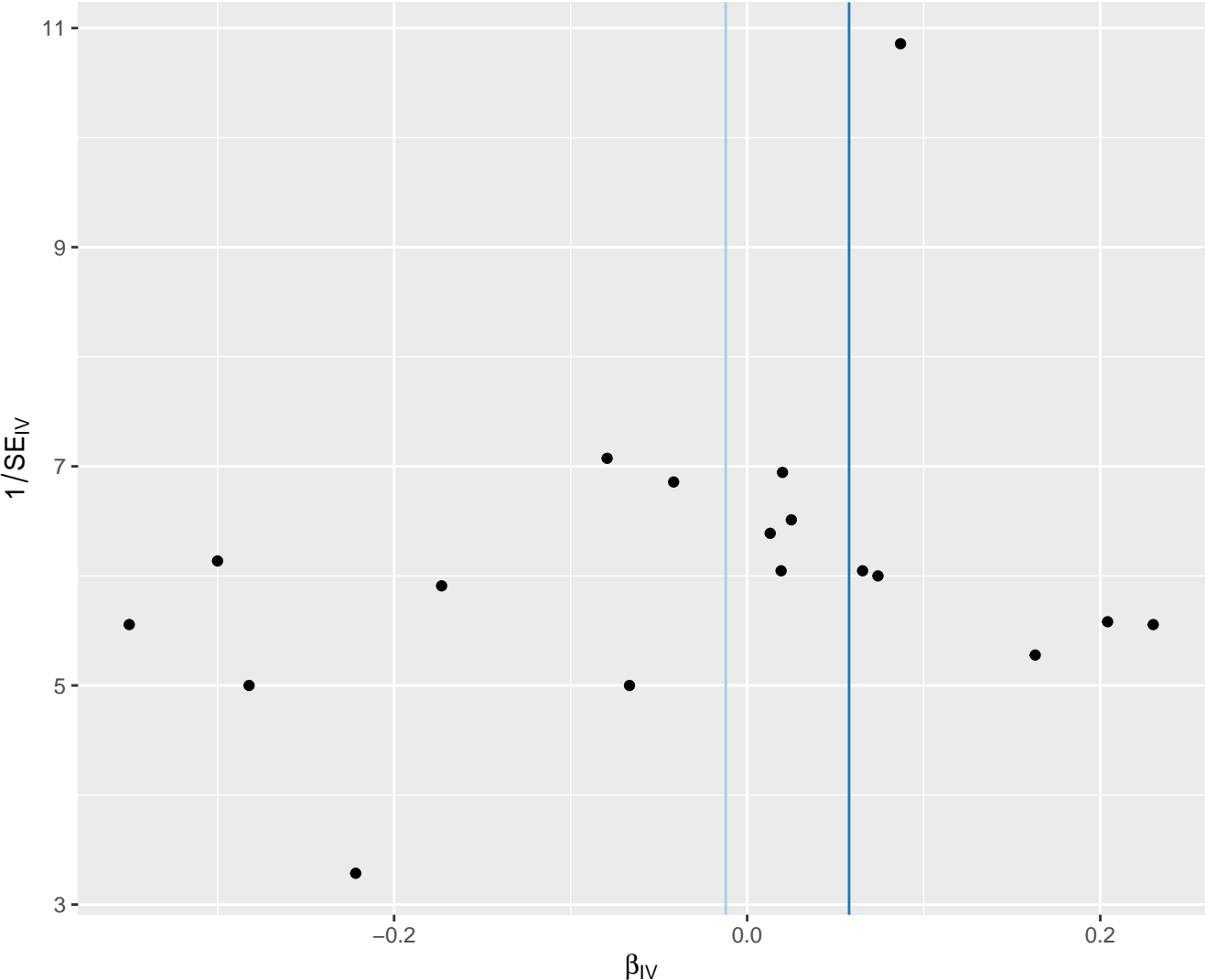
MR Method



# Octadecanedioate

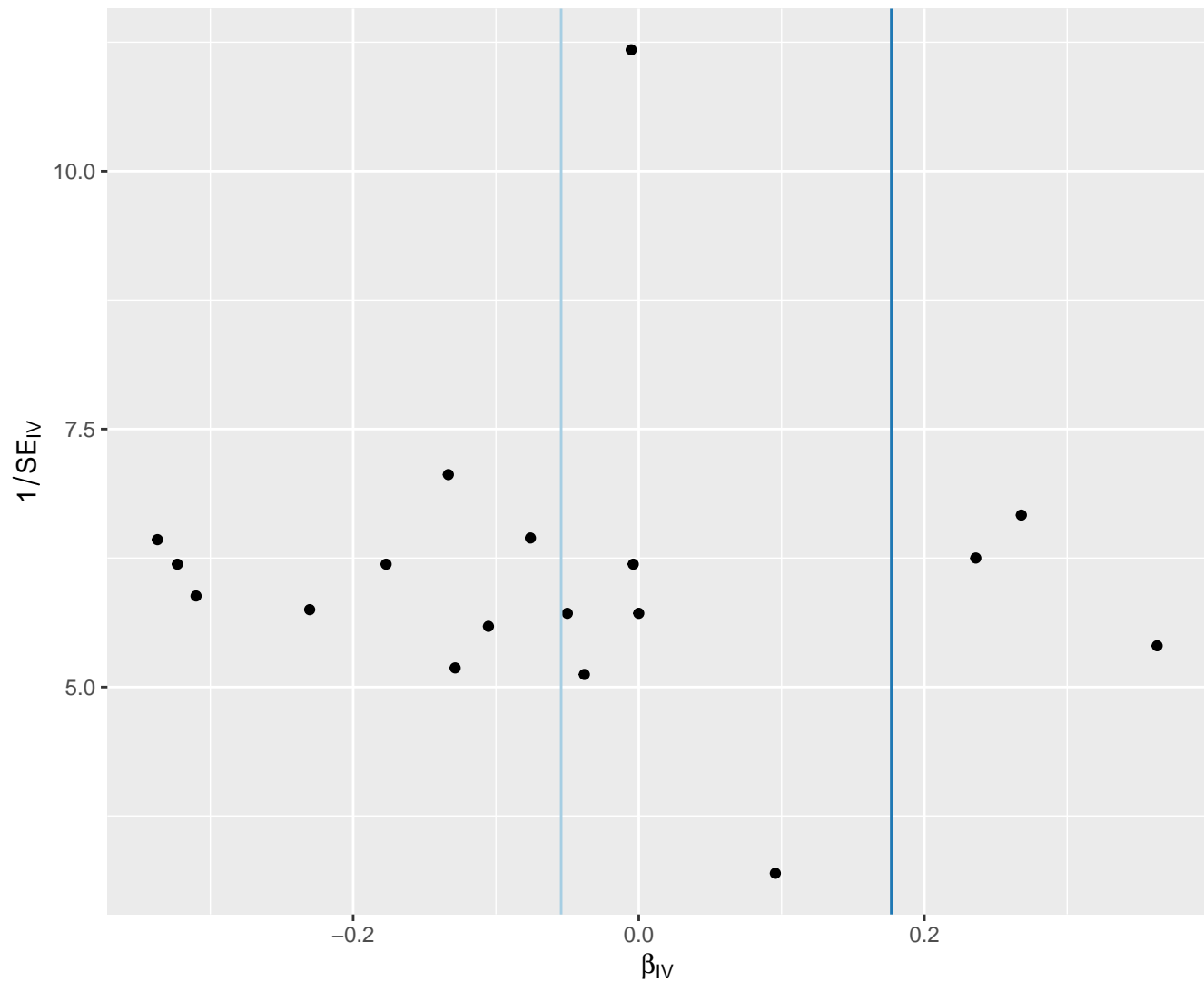
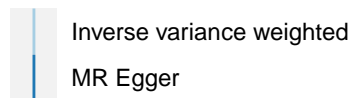
MR Method

- Inverse variance weighted
- MR Egger



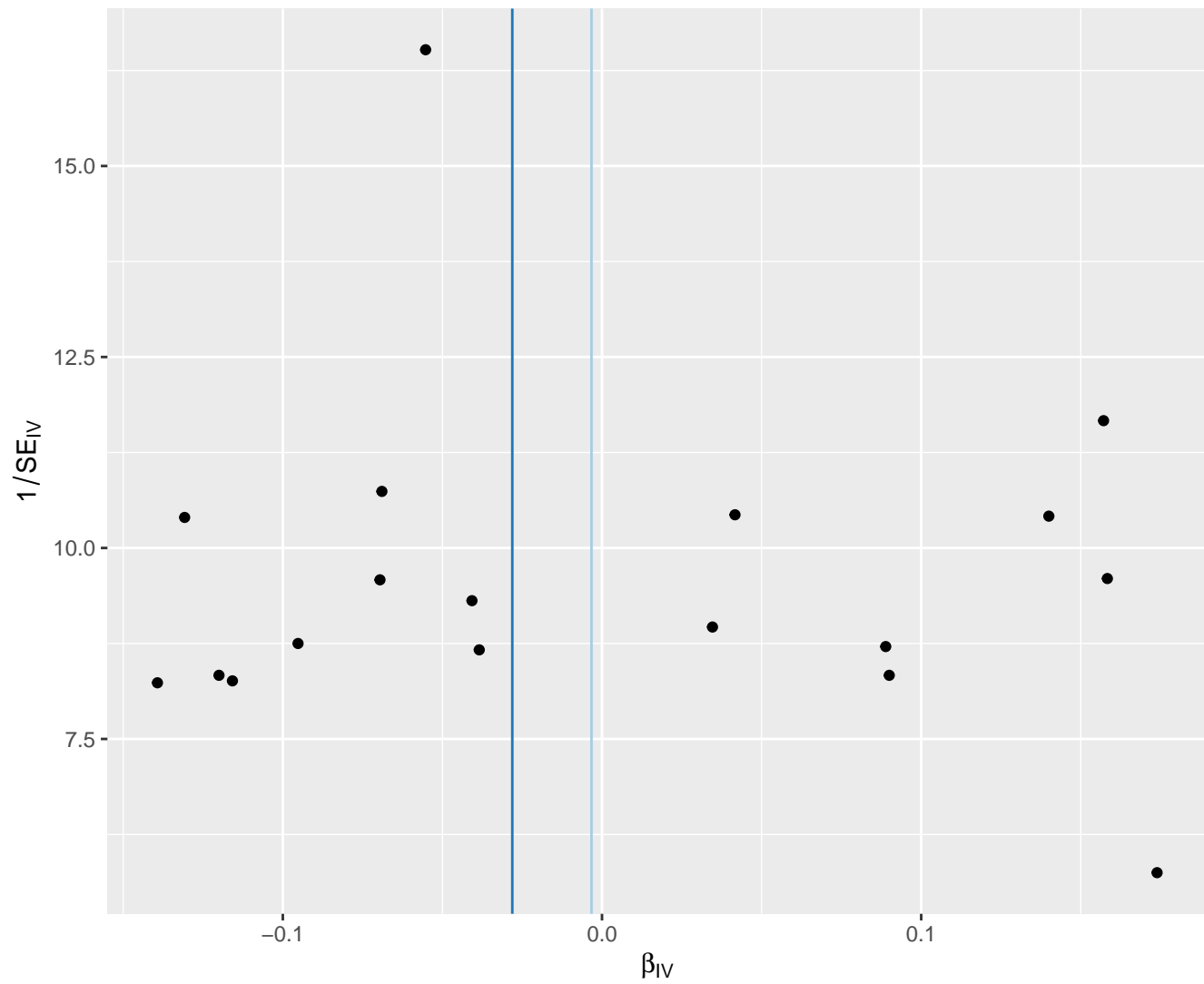
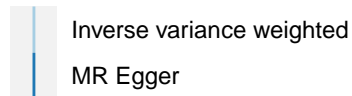
# Octanoylcarnitine

MR Method

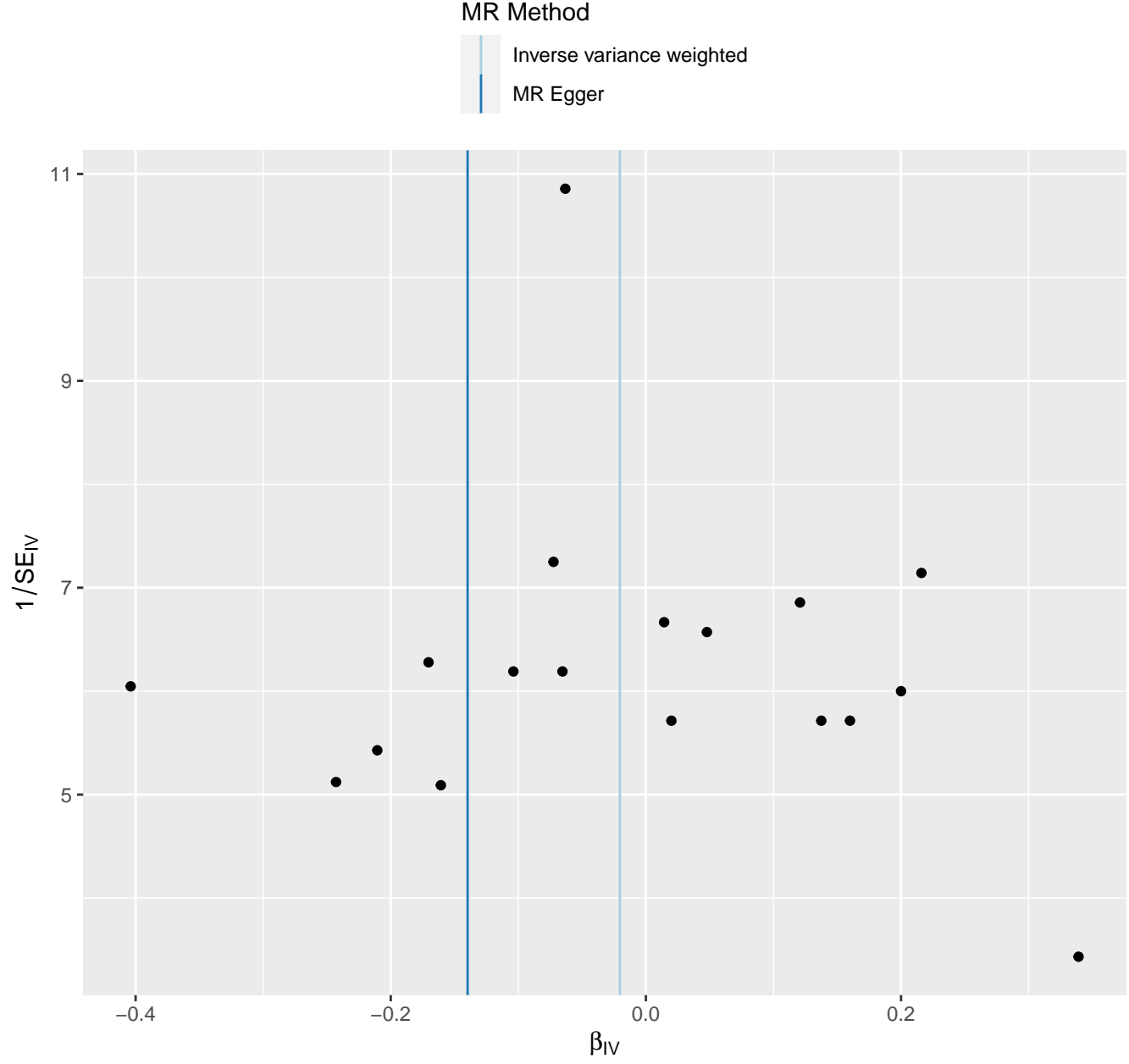


# Oleate (18:1n9)

MR Method

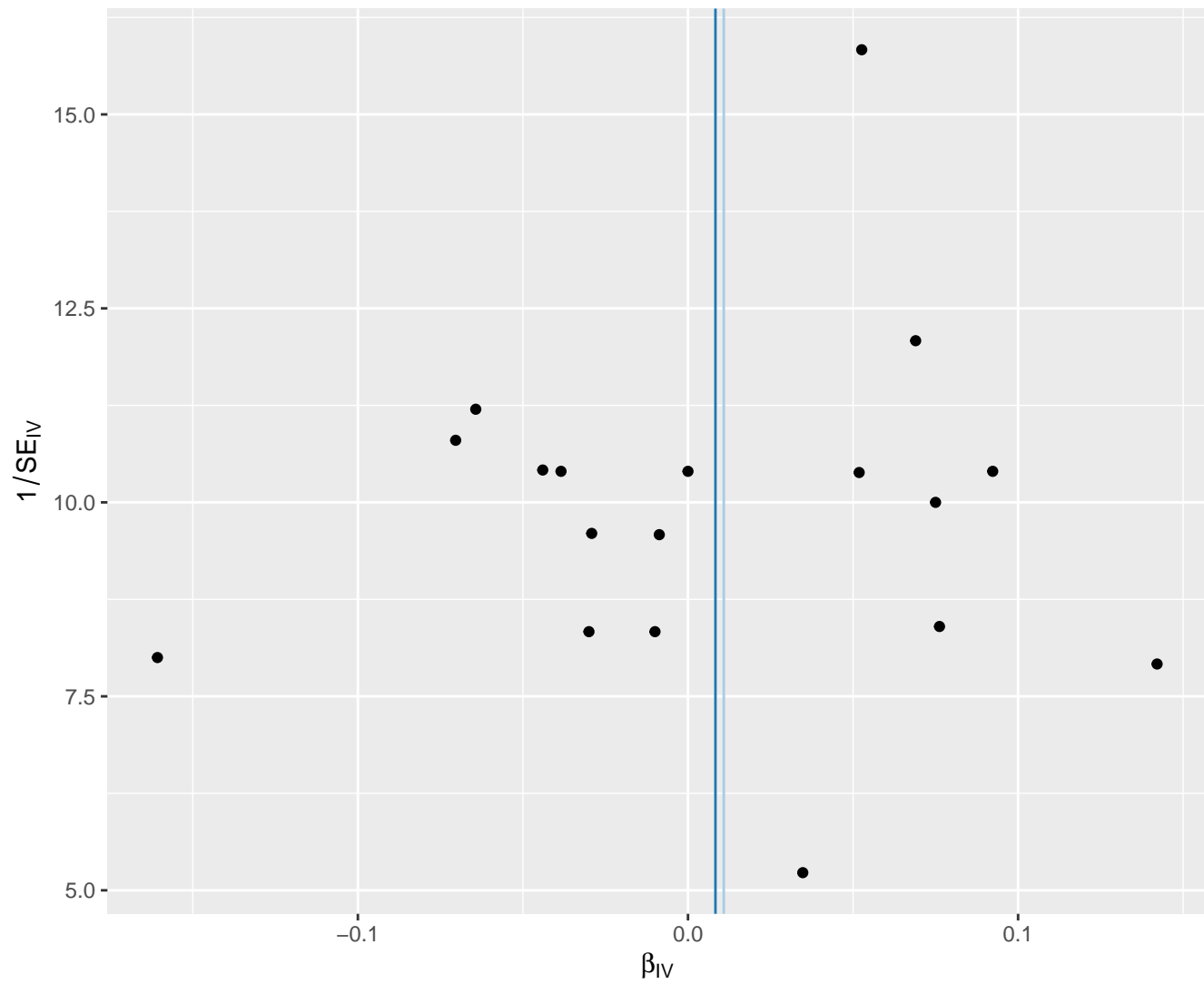
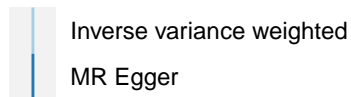


# Oleoylcarnitine



# Ornithine

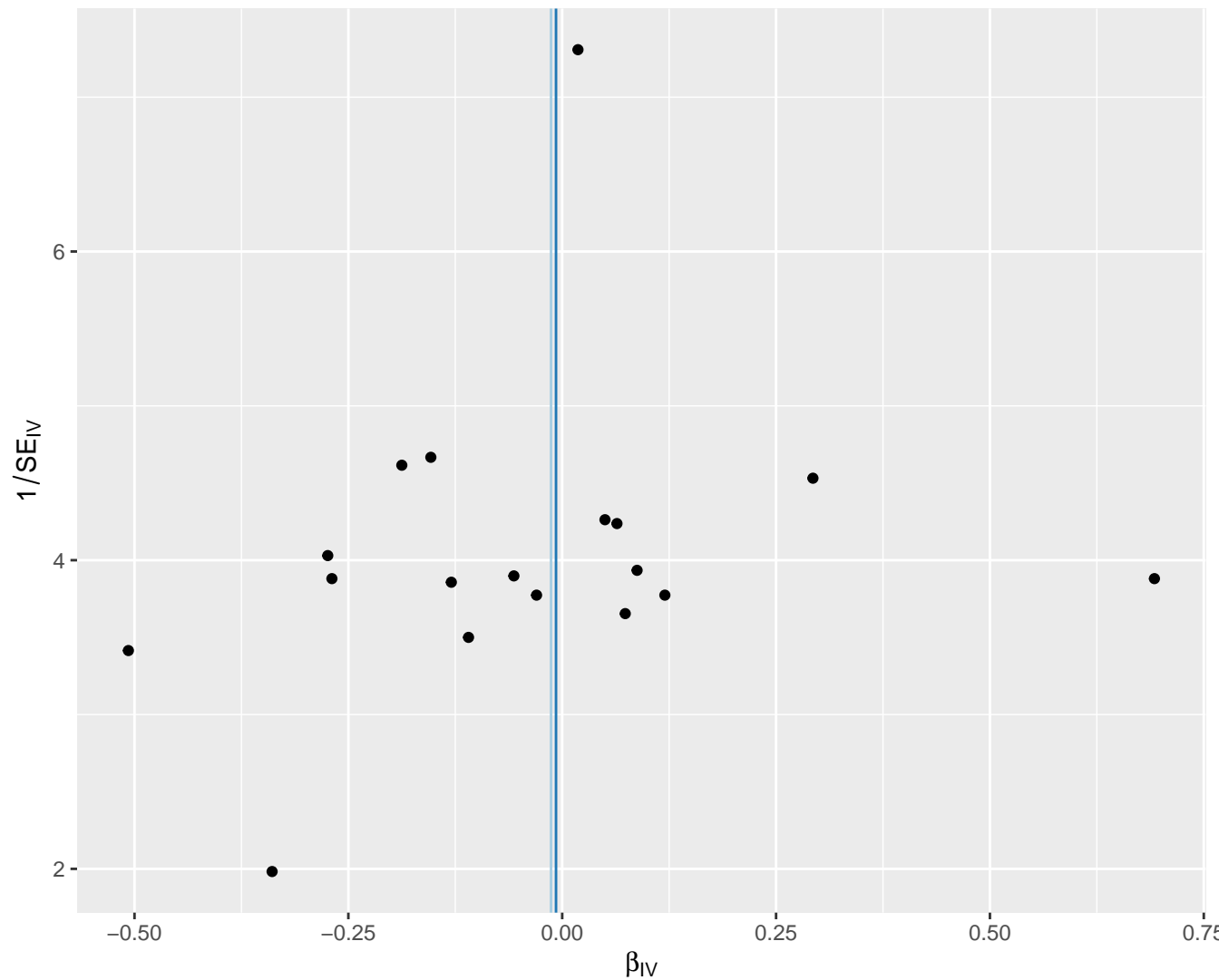
## MR Method





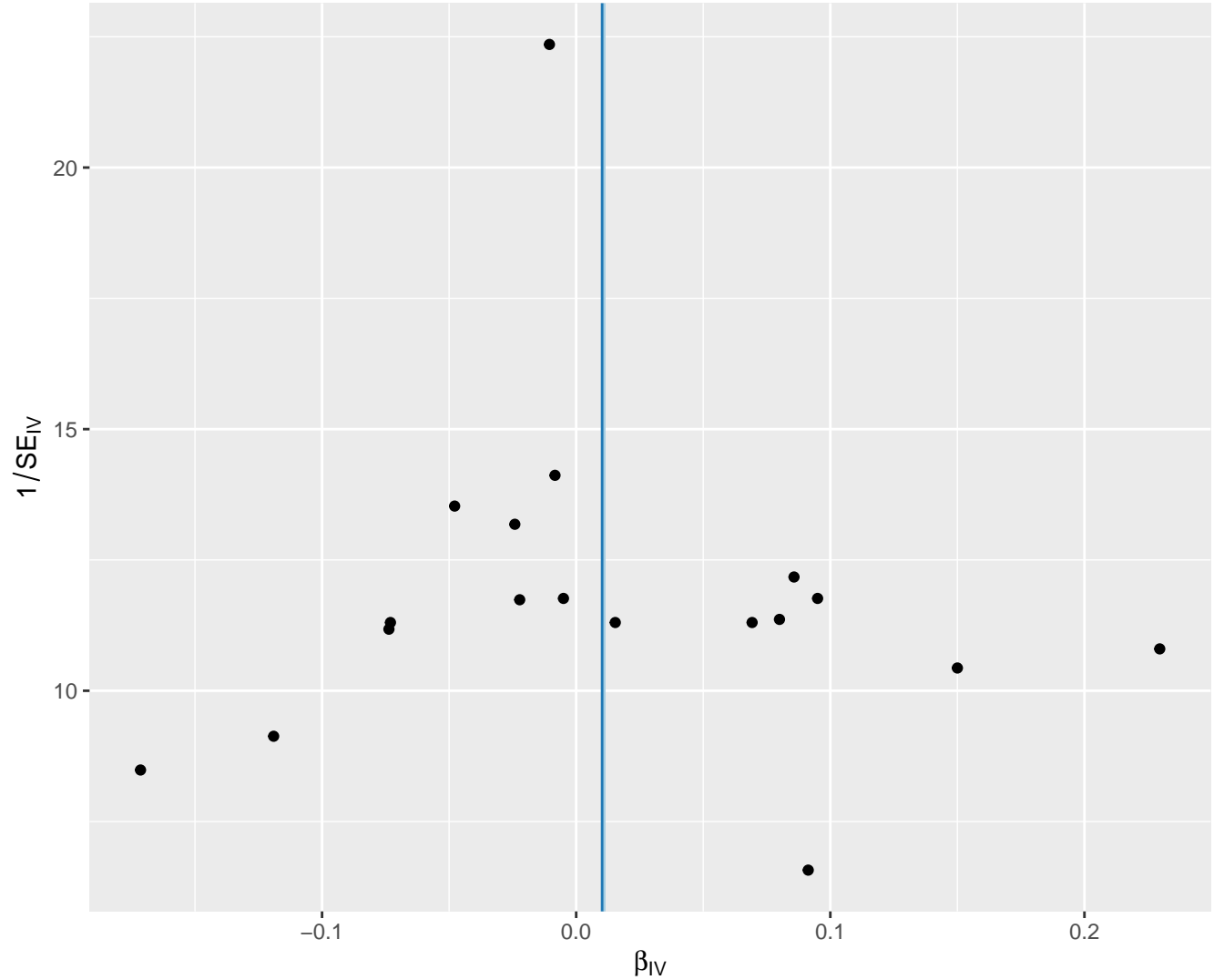
# P-cresol sulfate

MR Method



Palmitate (16:0)

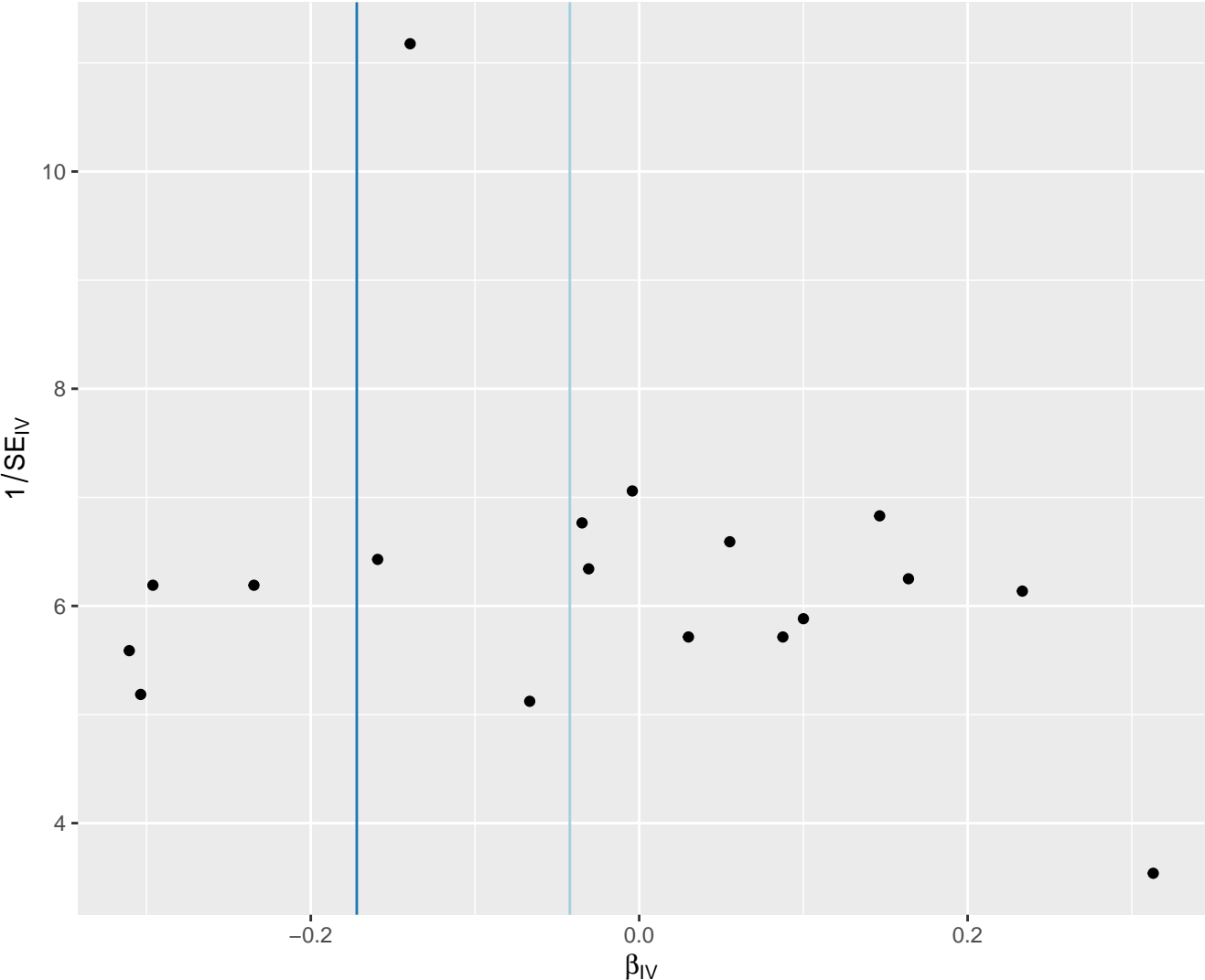
MR Method



Palmitoleate (16:1n7)

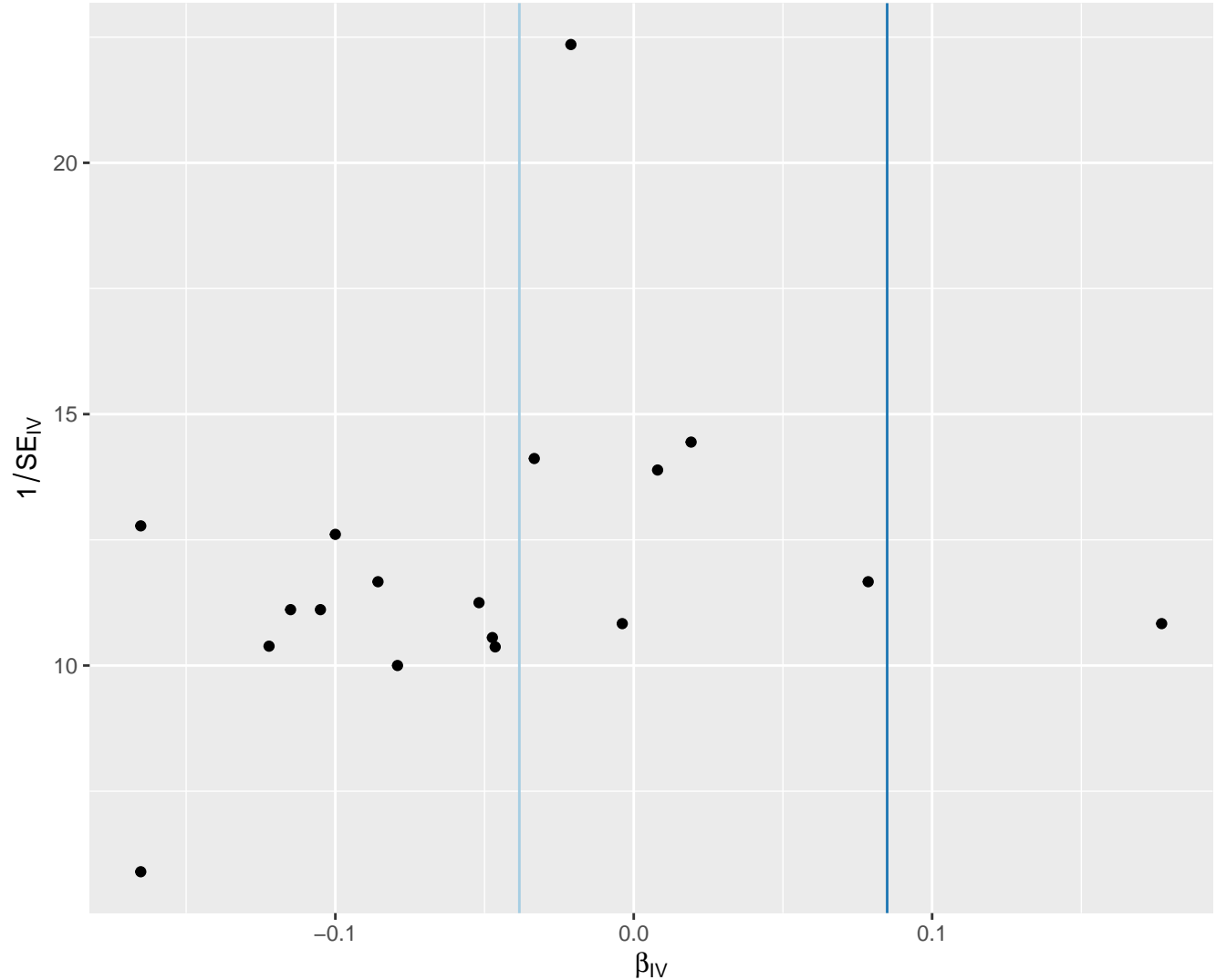
MR Method

- Inverse variance weighted
- MR Egger



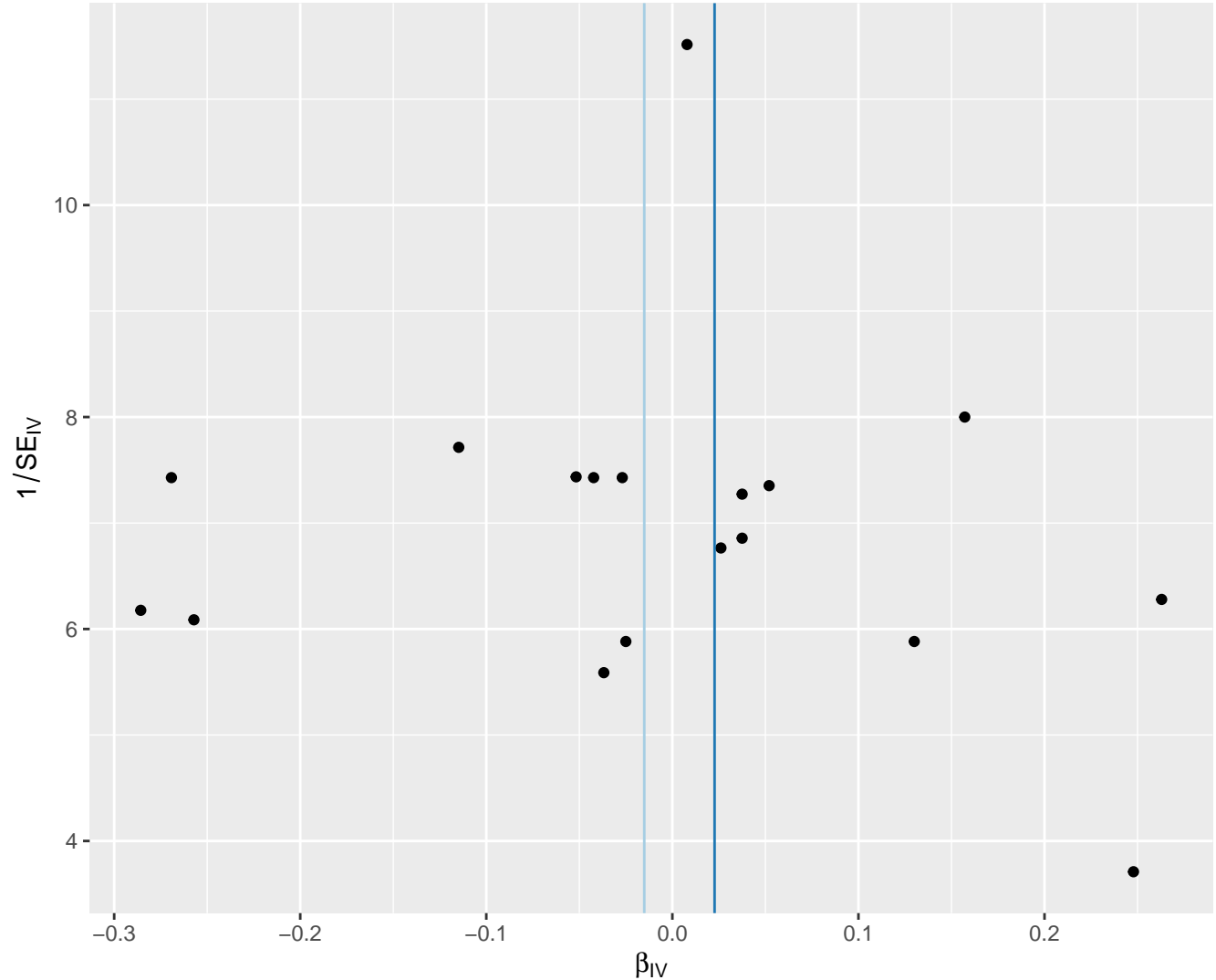
# Palmitoyl sphingomyelin

MR Method



# Palmitoylcarnitine

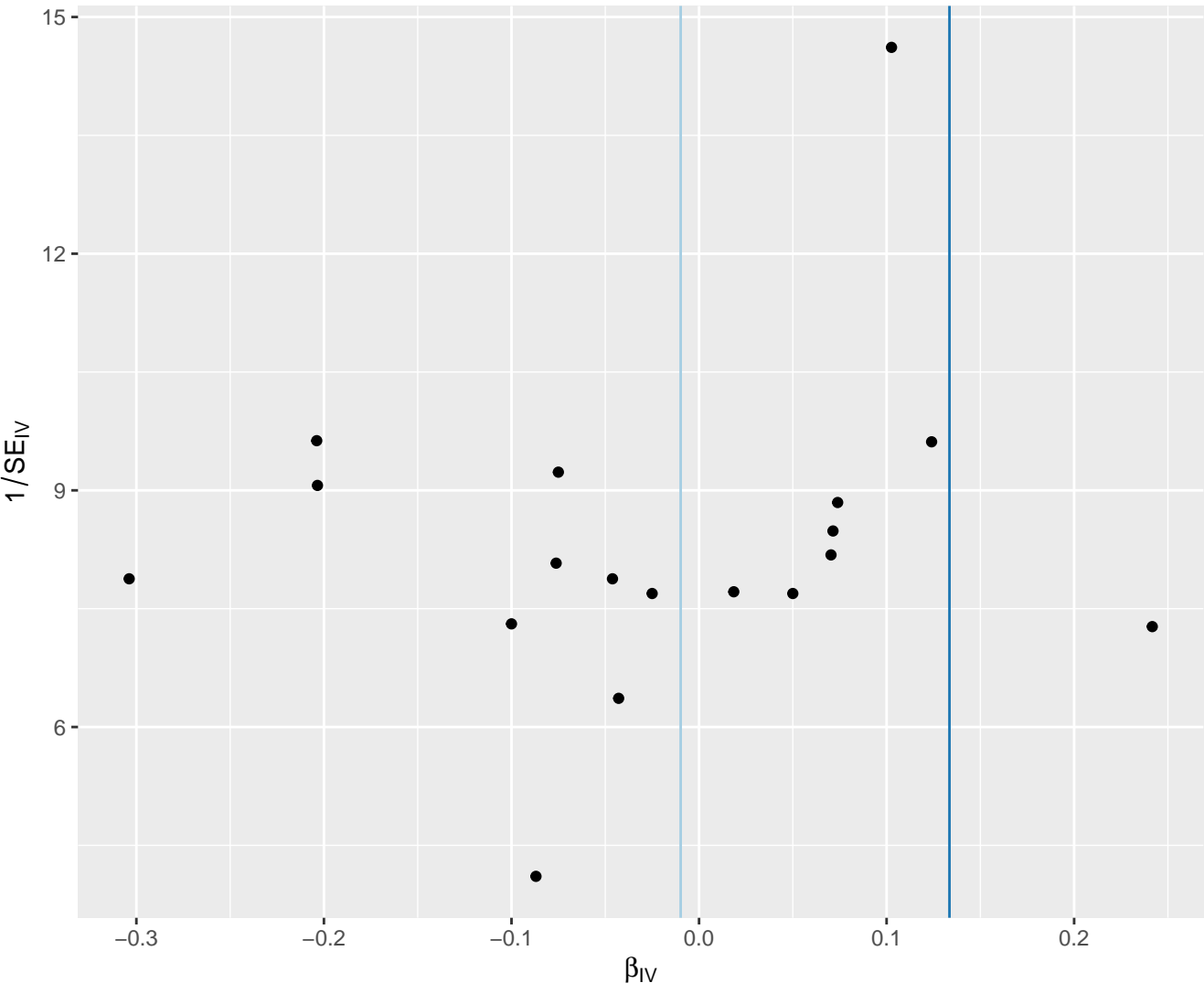
MR Method



# Pantothenate

MR Method

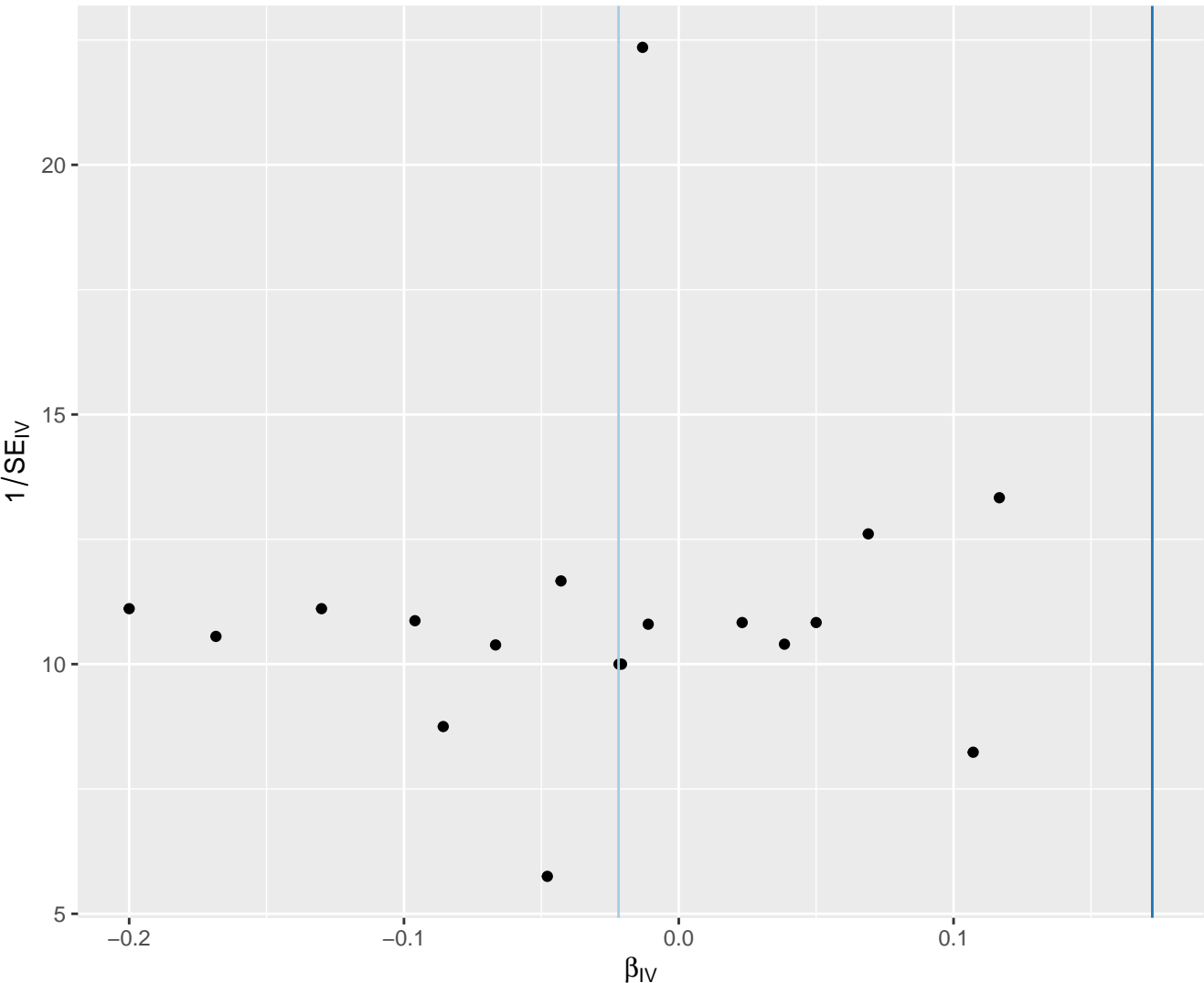
- Inverse variance weighted
- MR Egger



# Pelargonate (9:0)

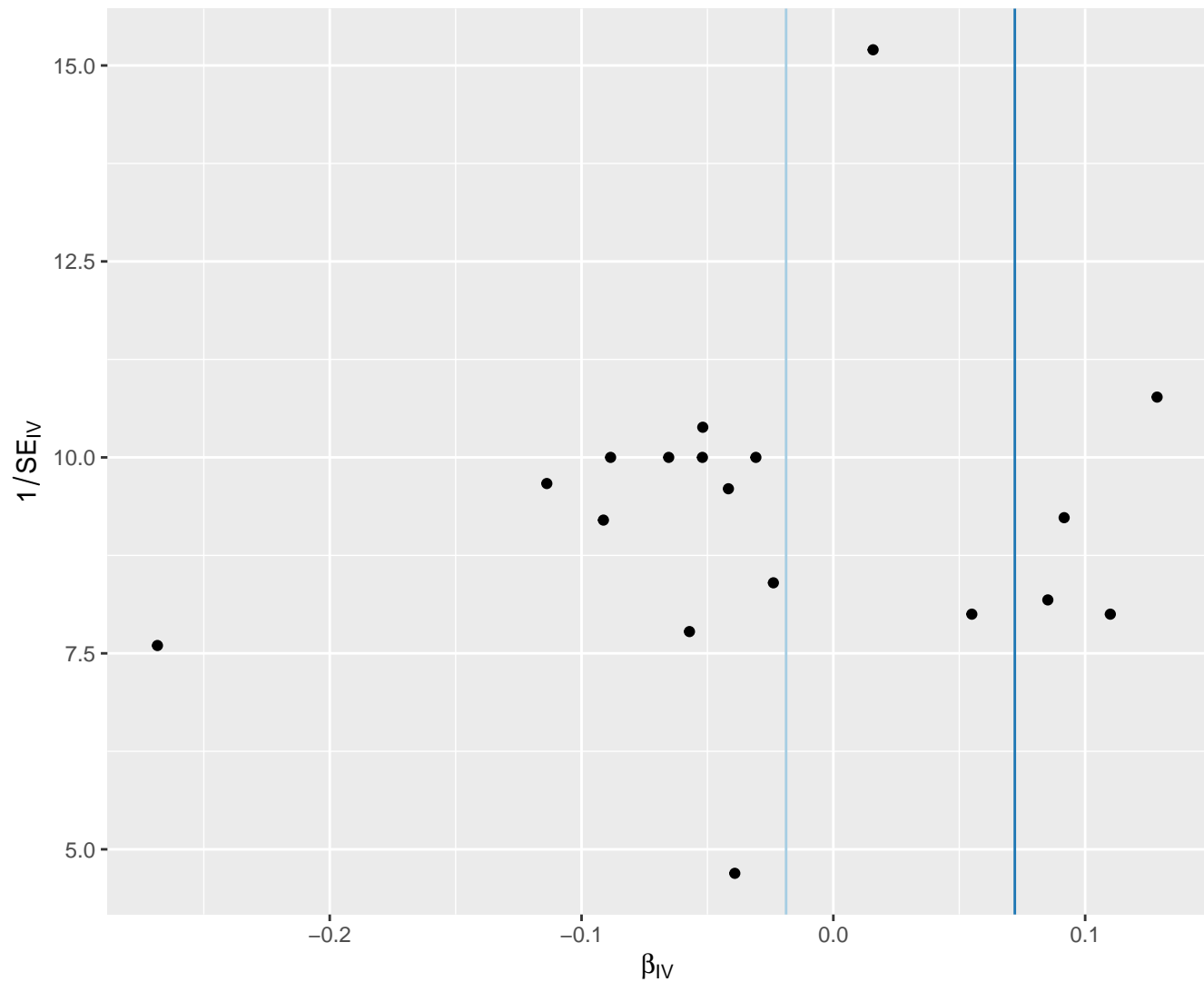
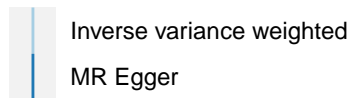
MR Method

- Inverse variance weighted
- MR Egger



# Pentadecanoate (15:0)

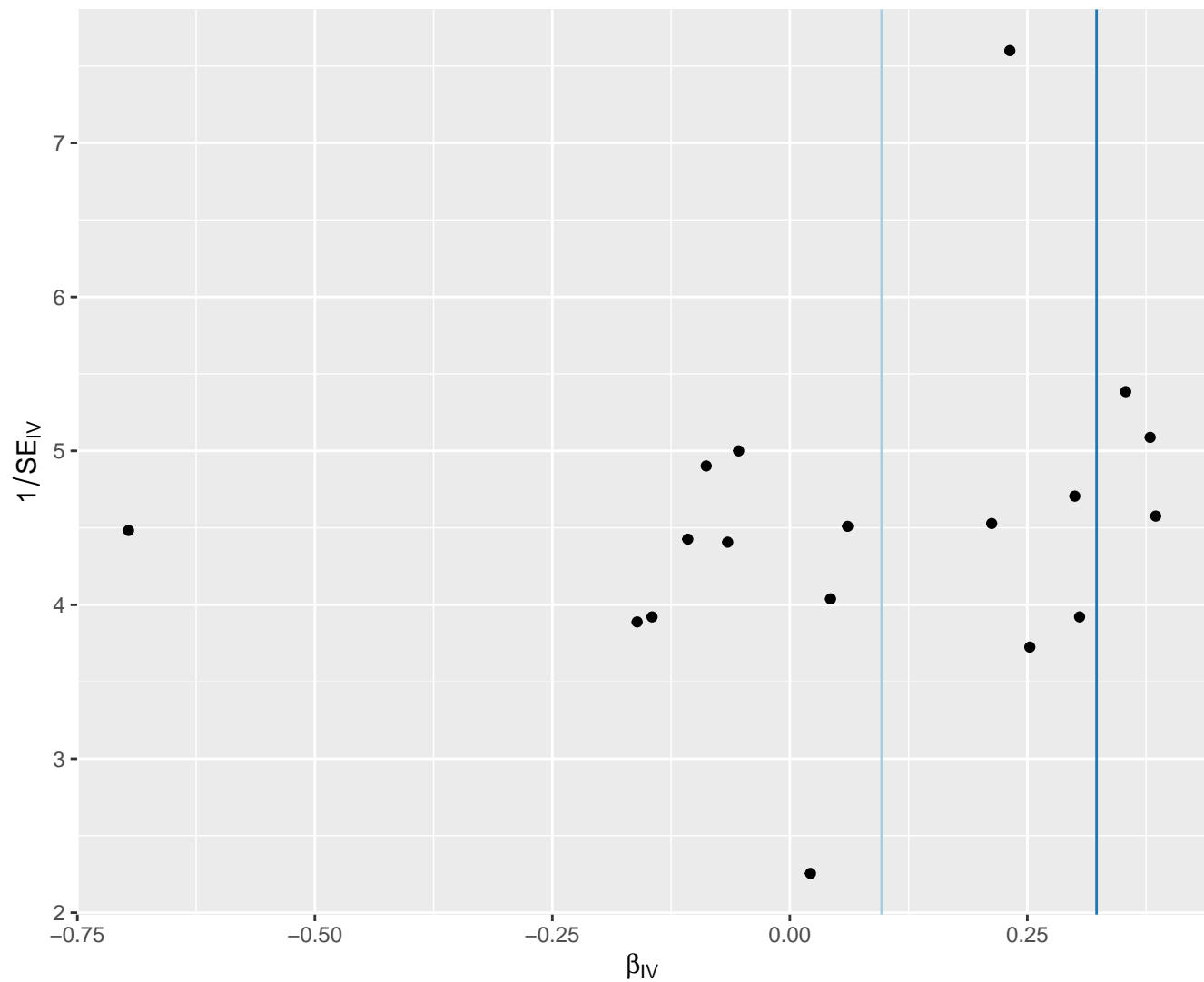
MR Method





# Phenol sulfate

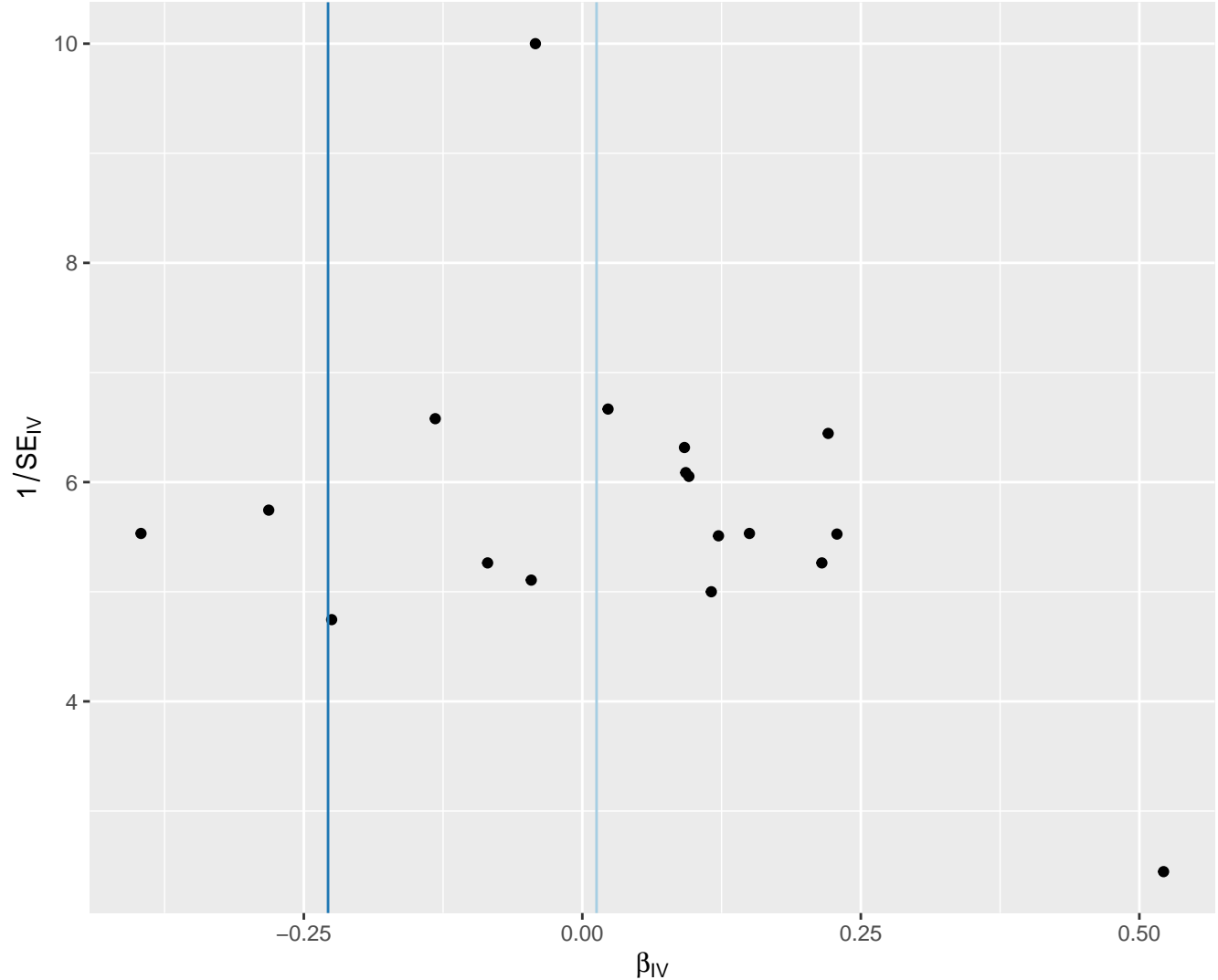
MR Method



# Phenylacetate

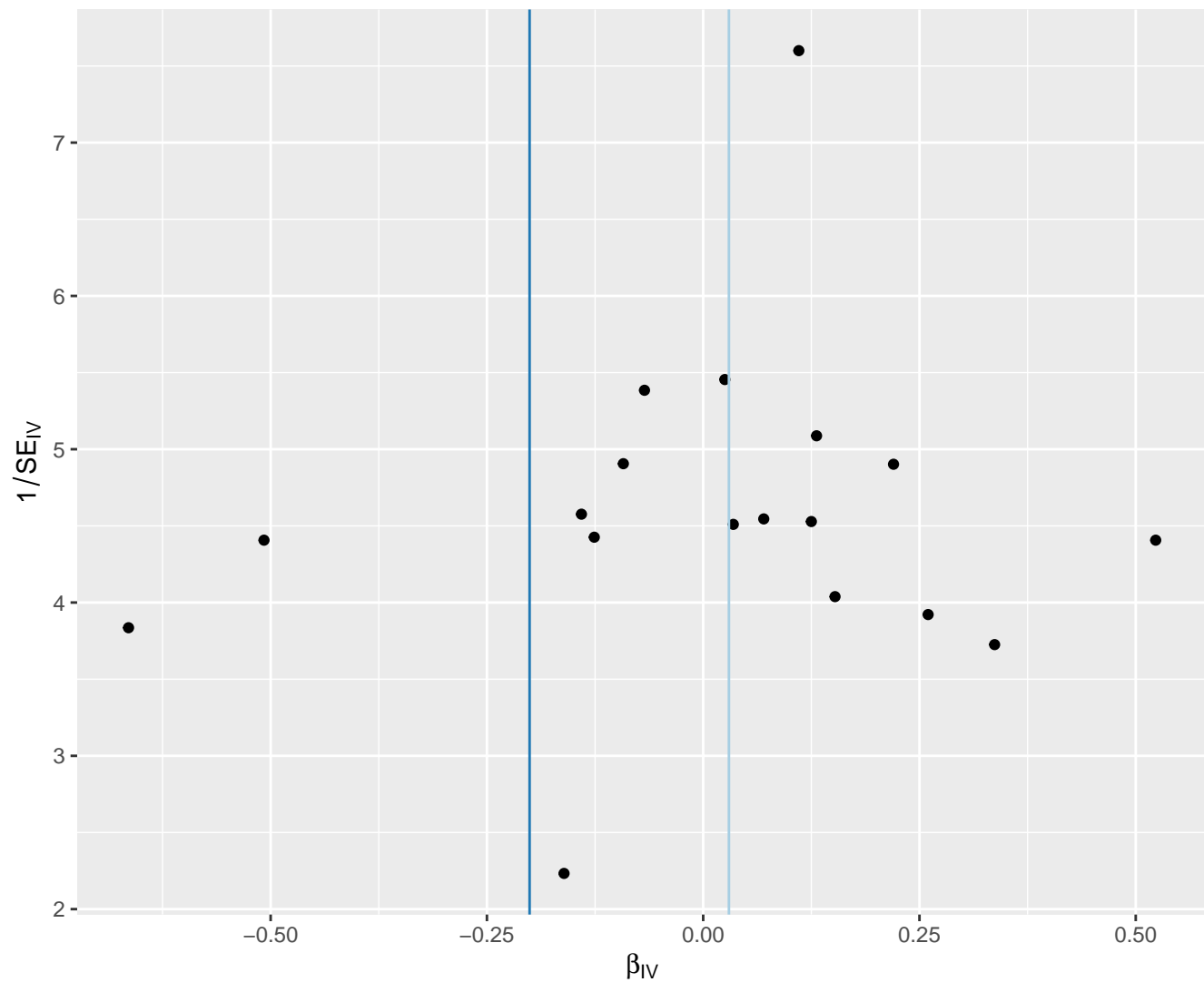
MR Method

- Inverse variance weighted
- MR Egger



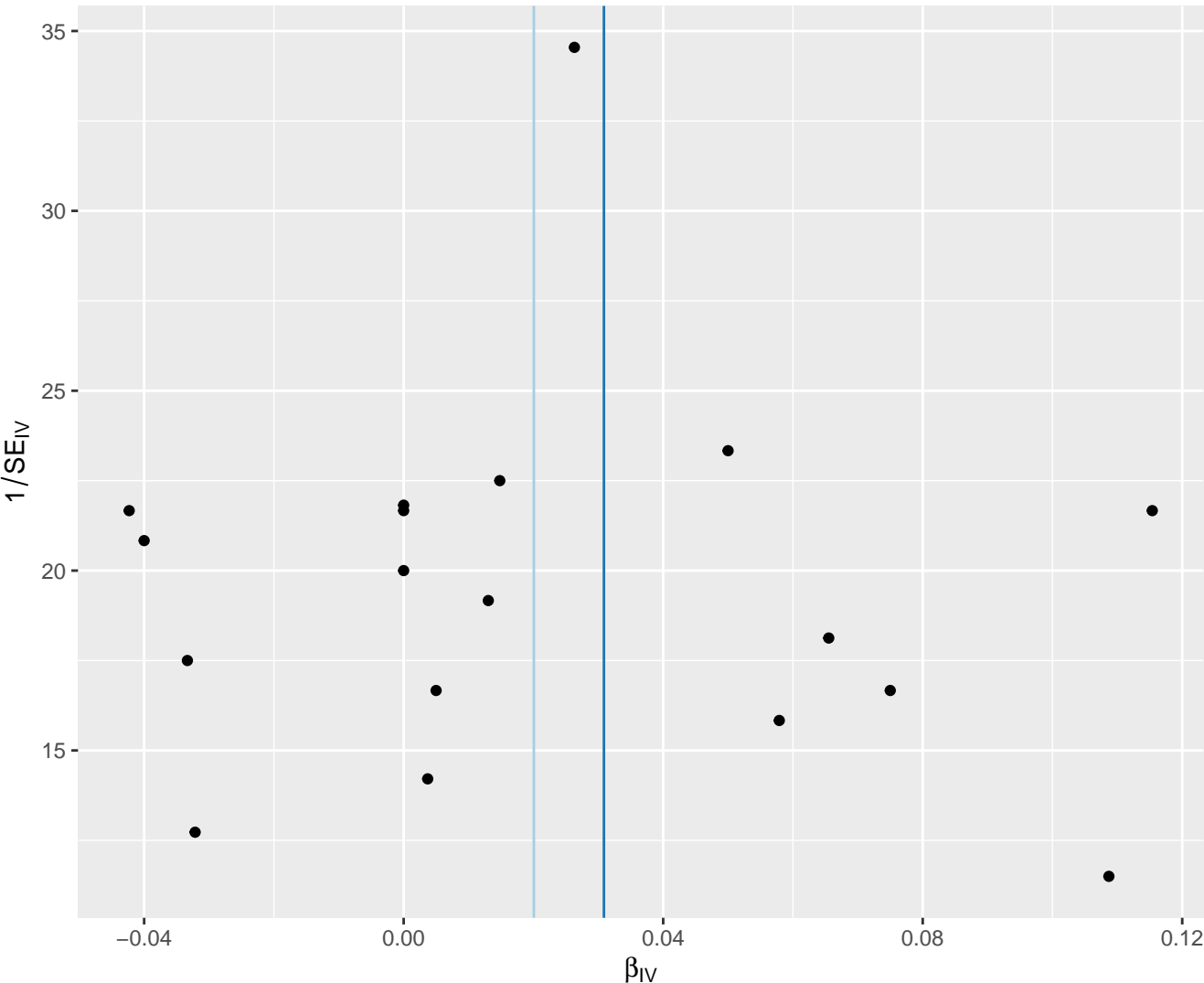
# Phenylacetylglutamine

MR Method



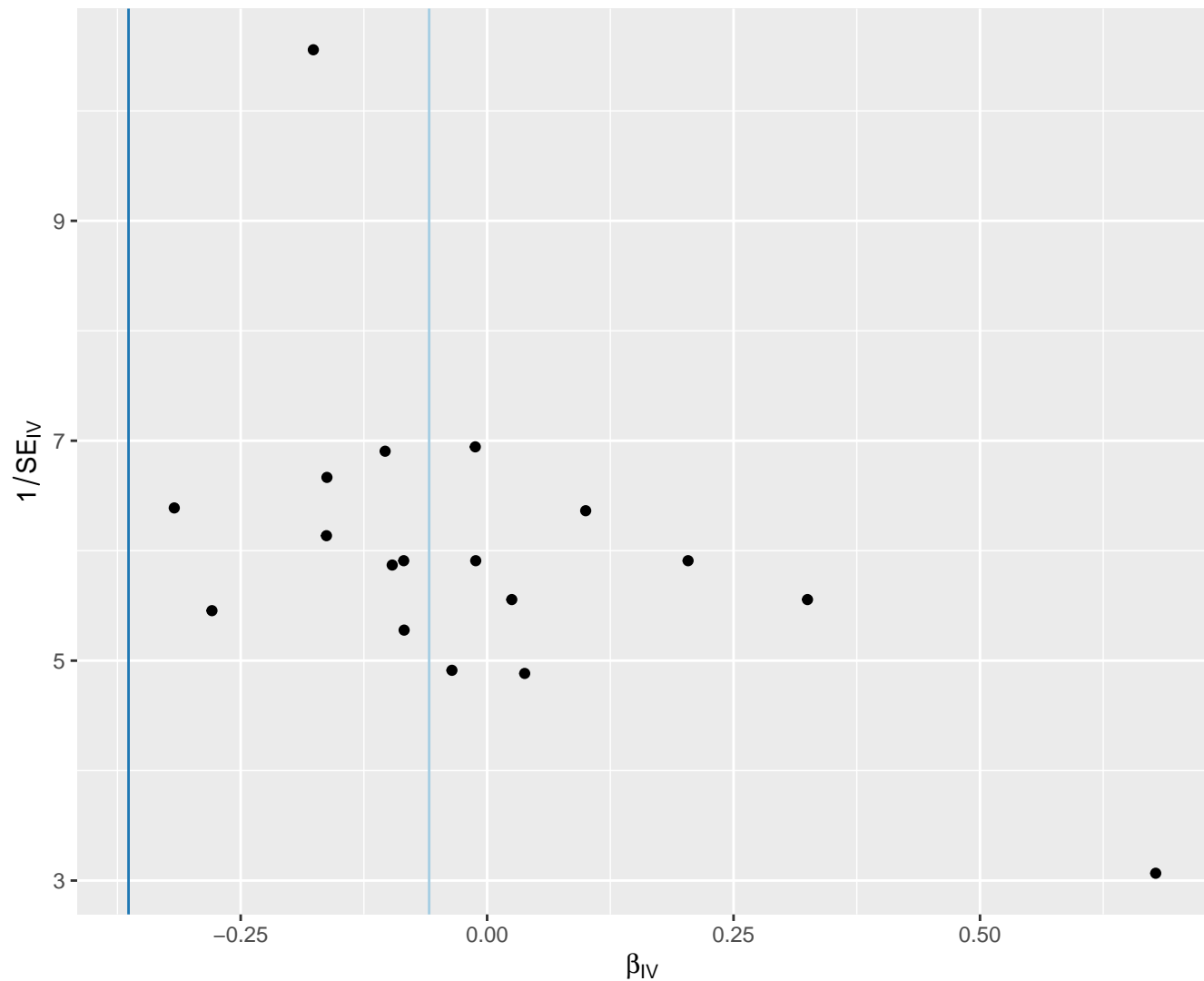
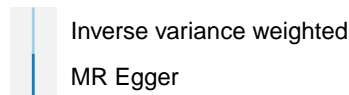
# Phenylalanine

MR Method



# Phenylalanylphenylalanine

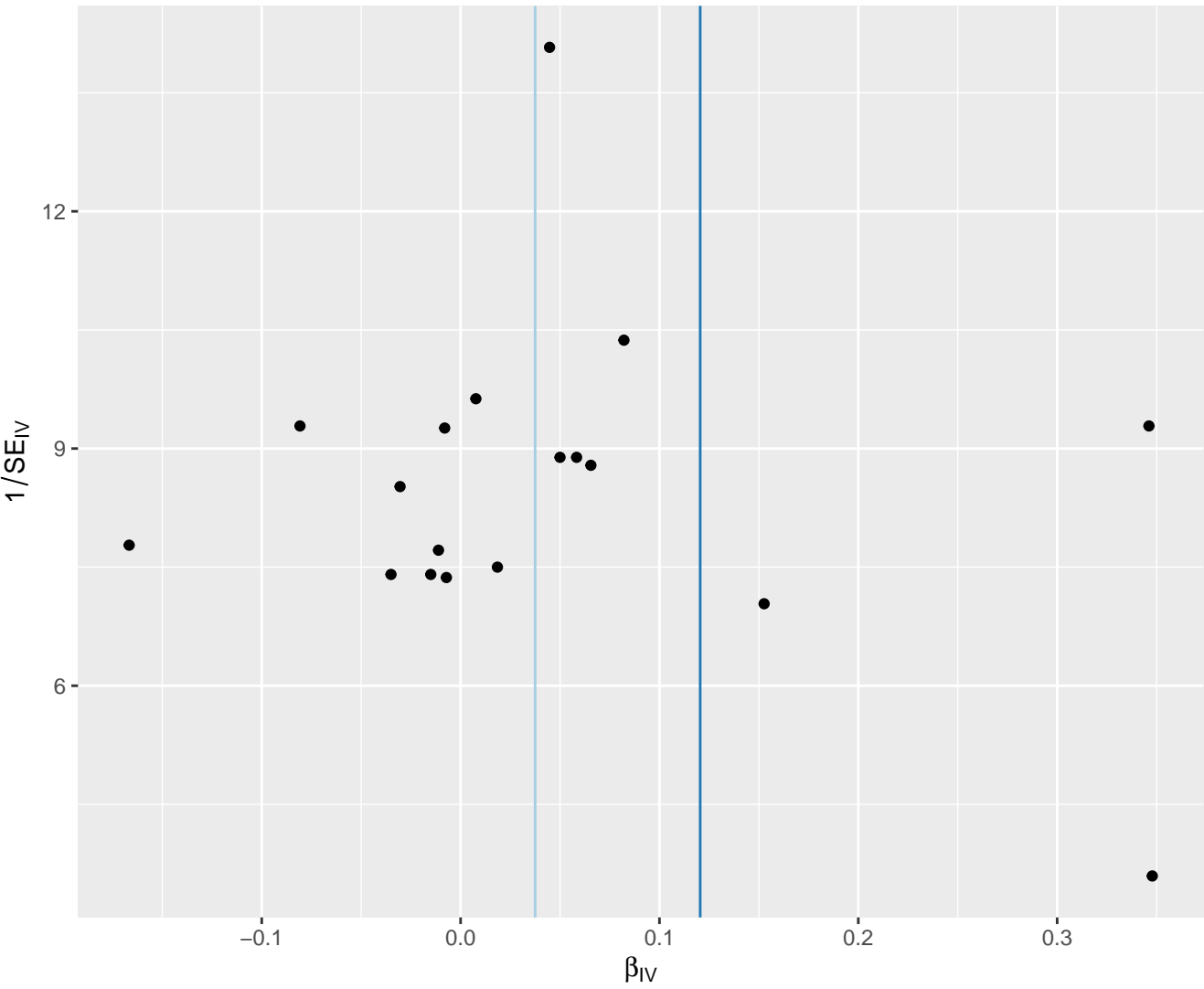
MR Method



# Phenyllactate (PLA)

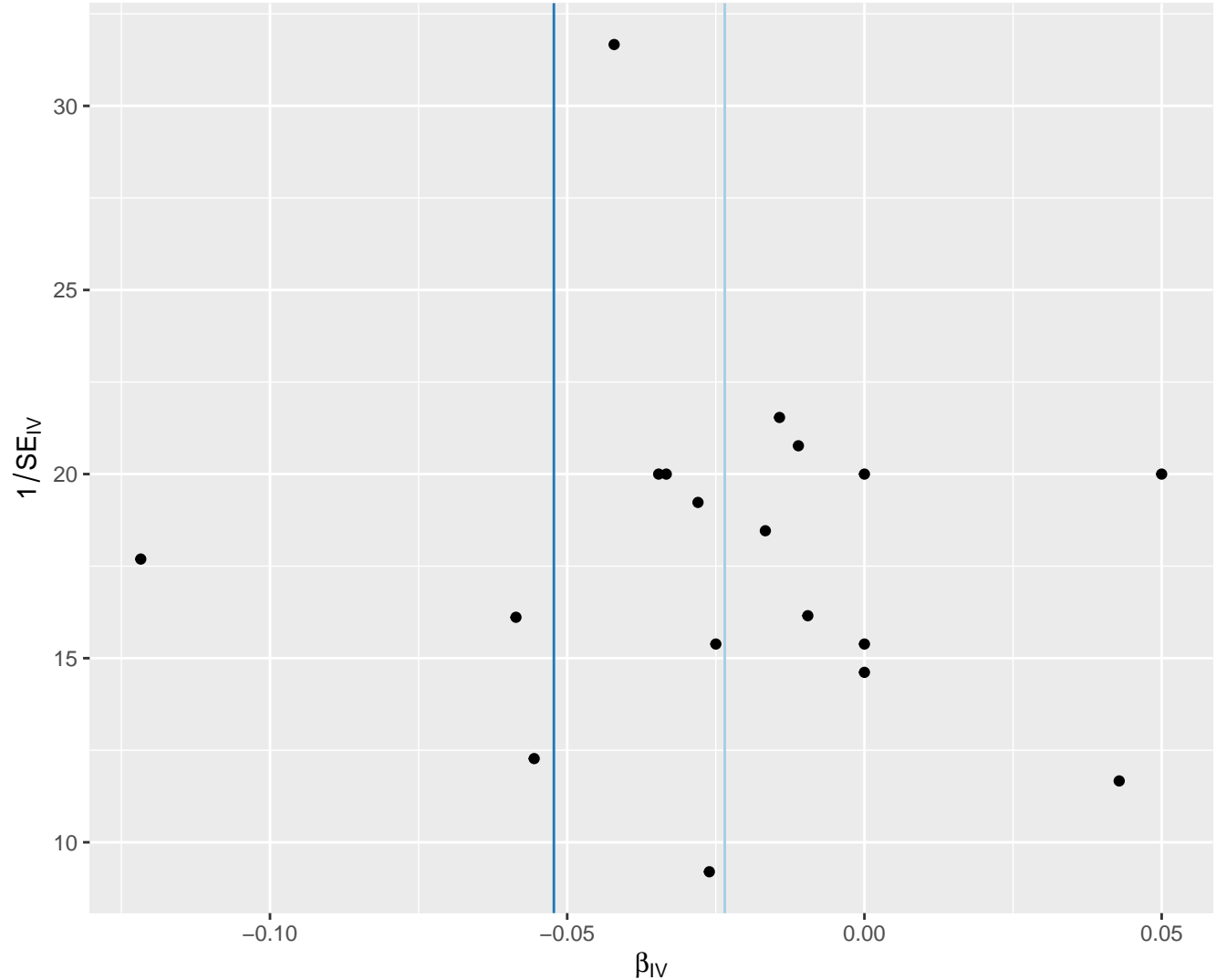
MR Method

- Inverse variance weighted
- MR Egger



# Phosphate

MR Method

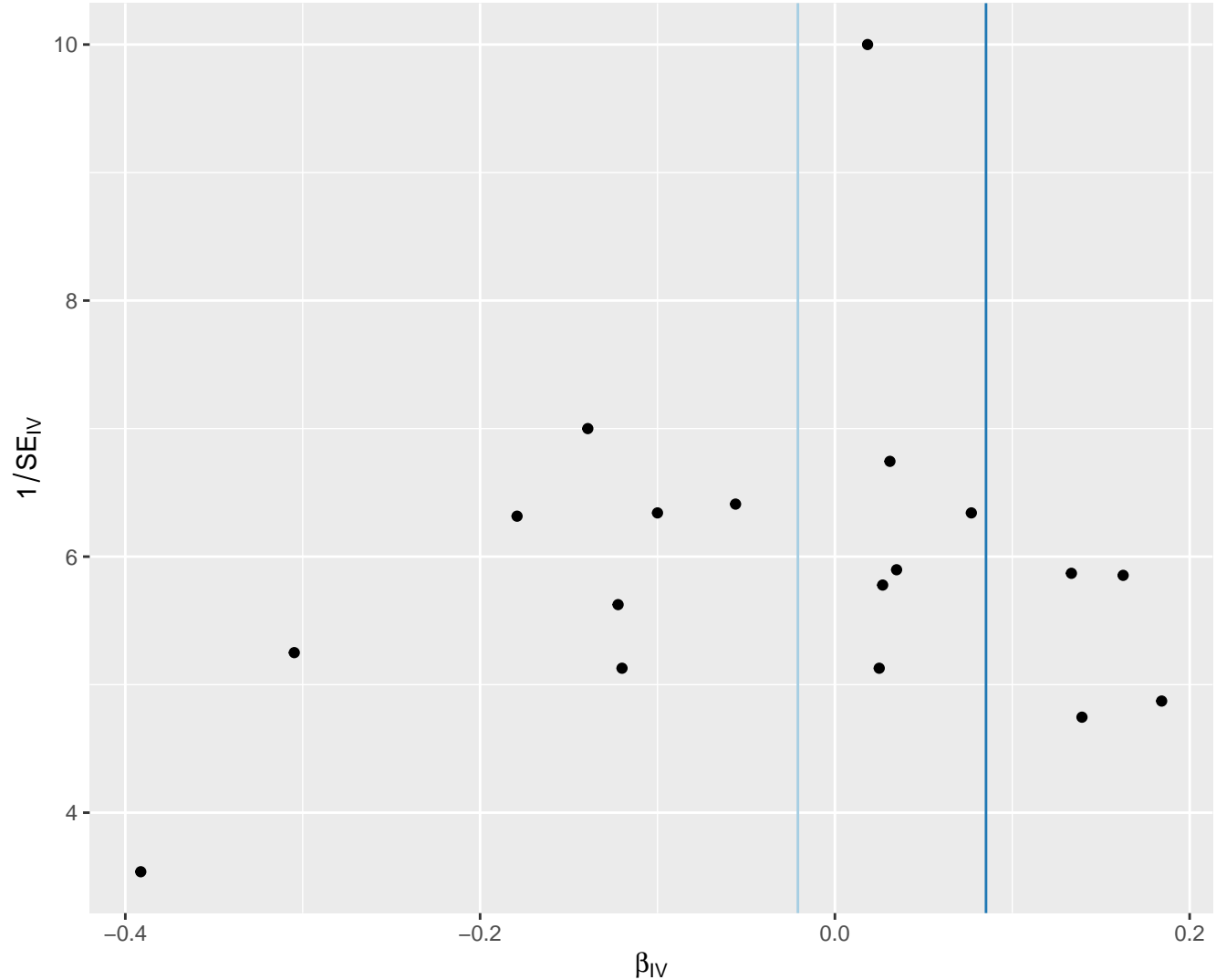


# Pipecolate

MR Method

Inverse variance weighted

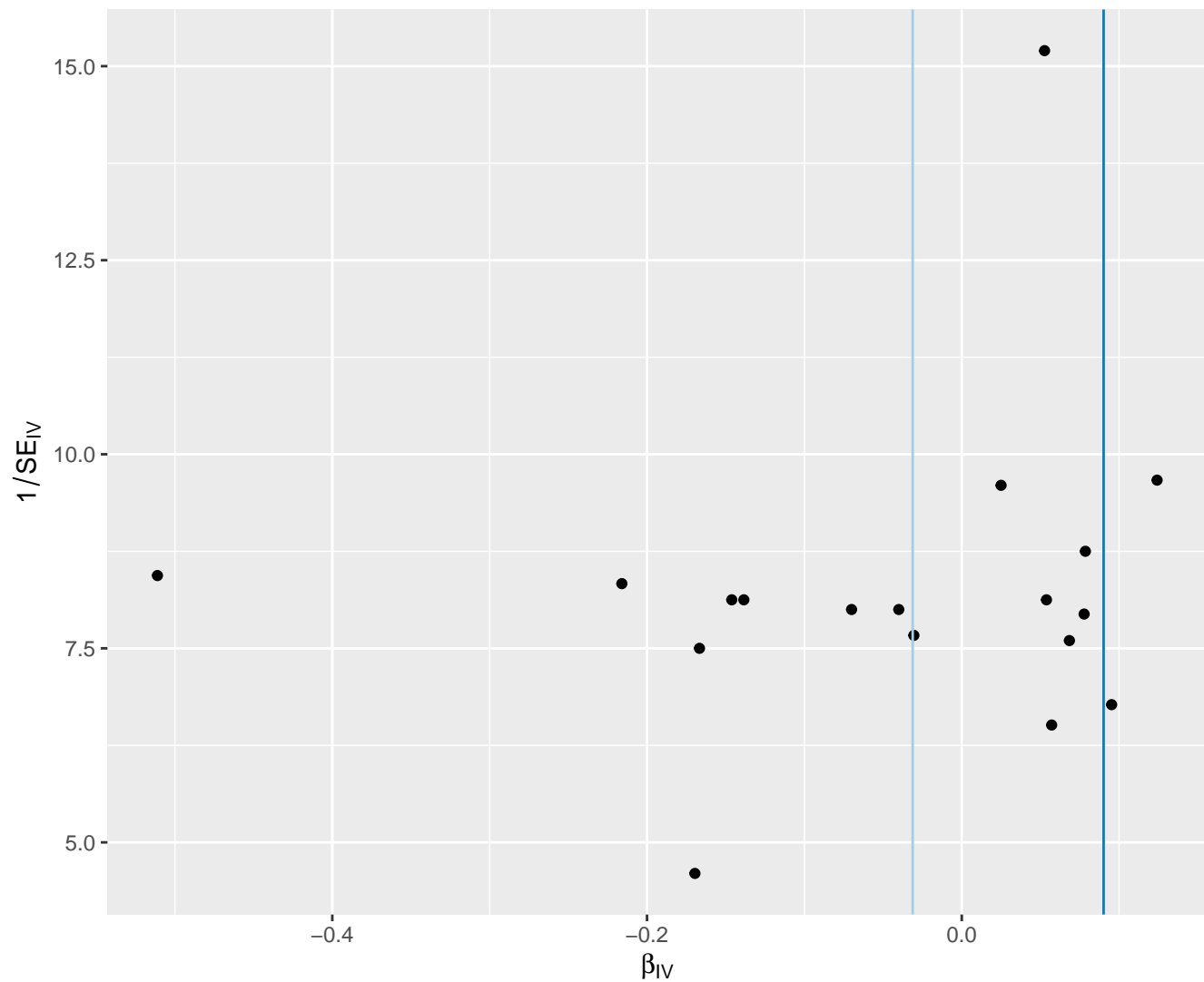
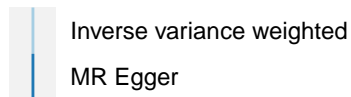
MR Egger





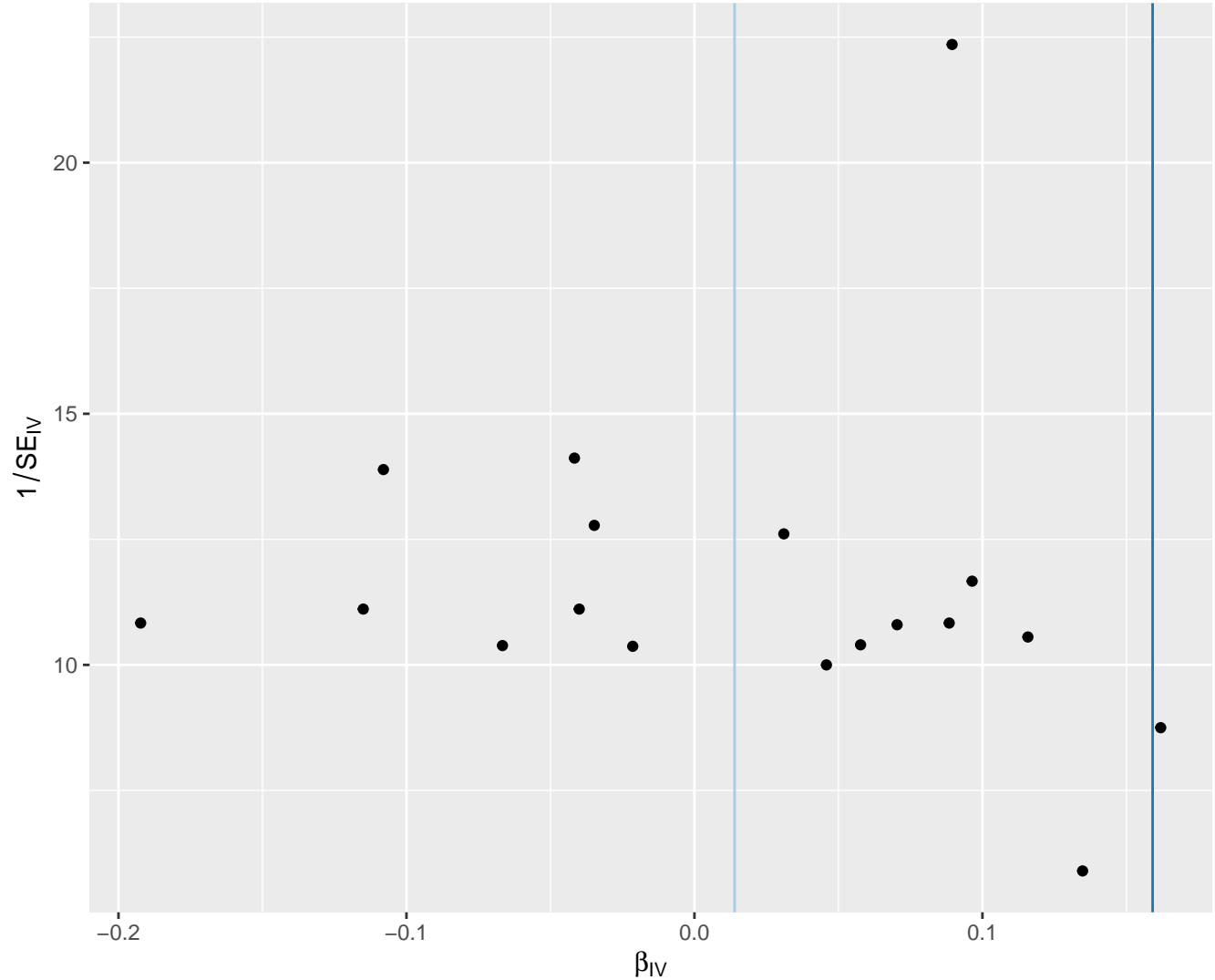
# Pro-hydroxy-pro

MR Method



# Proline

MR Method

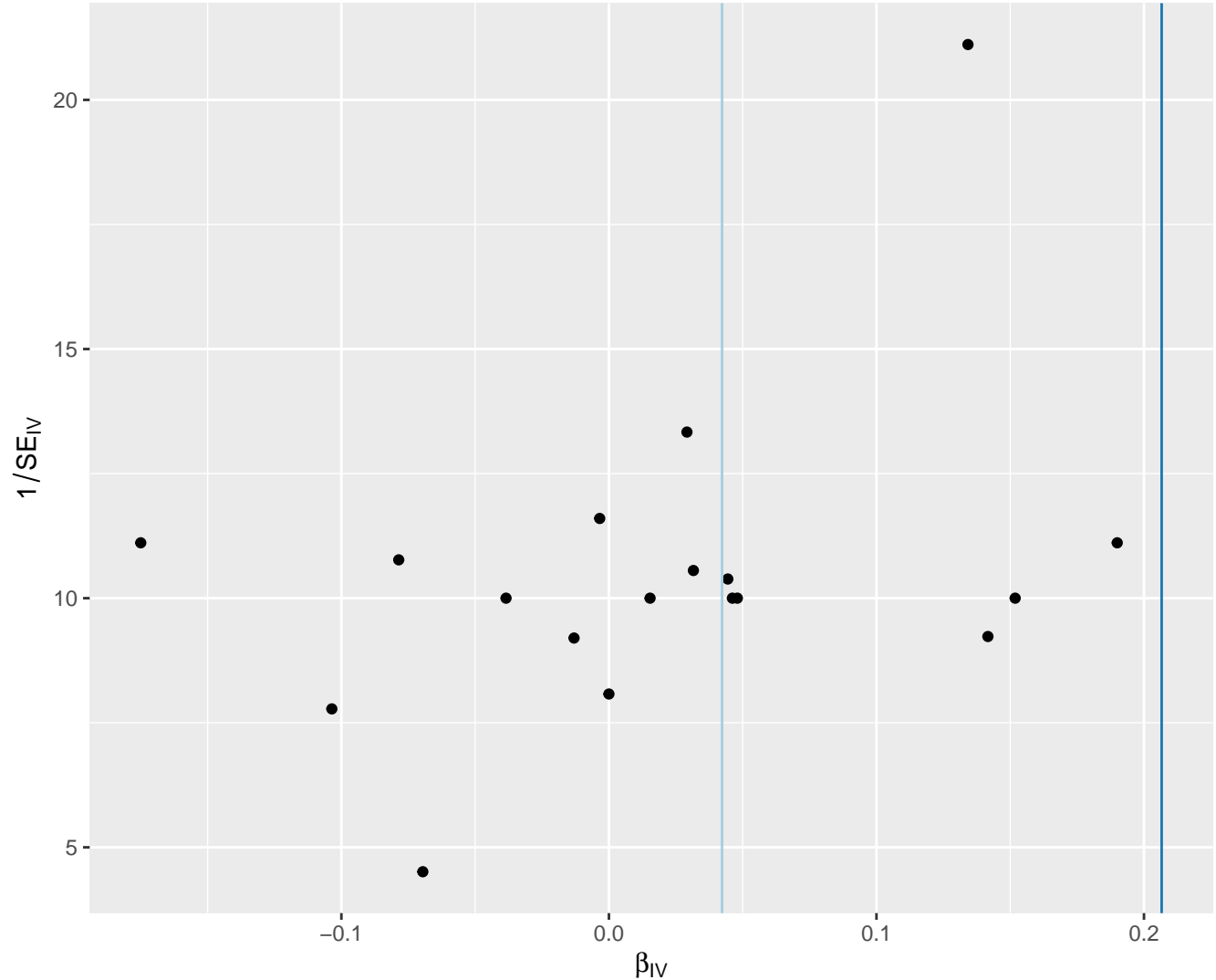


# Propionylcarnitine

MR Method

Inverse variance weighted

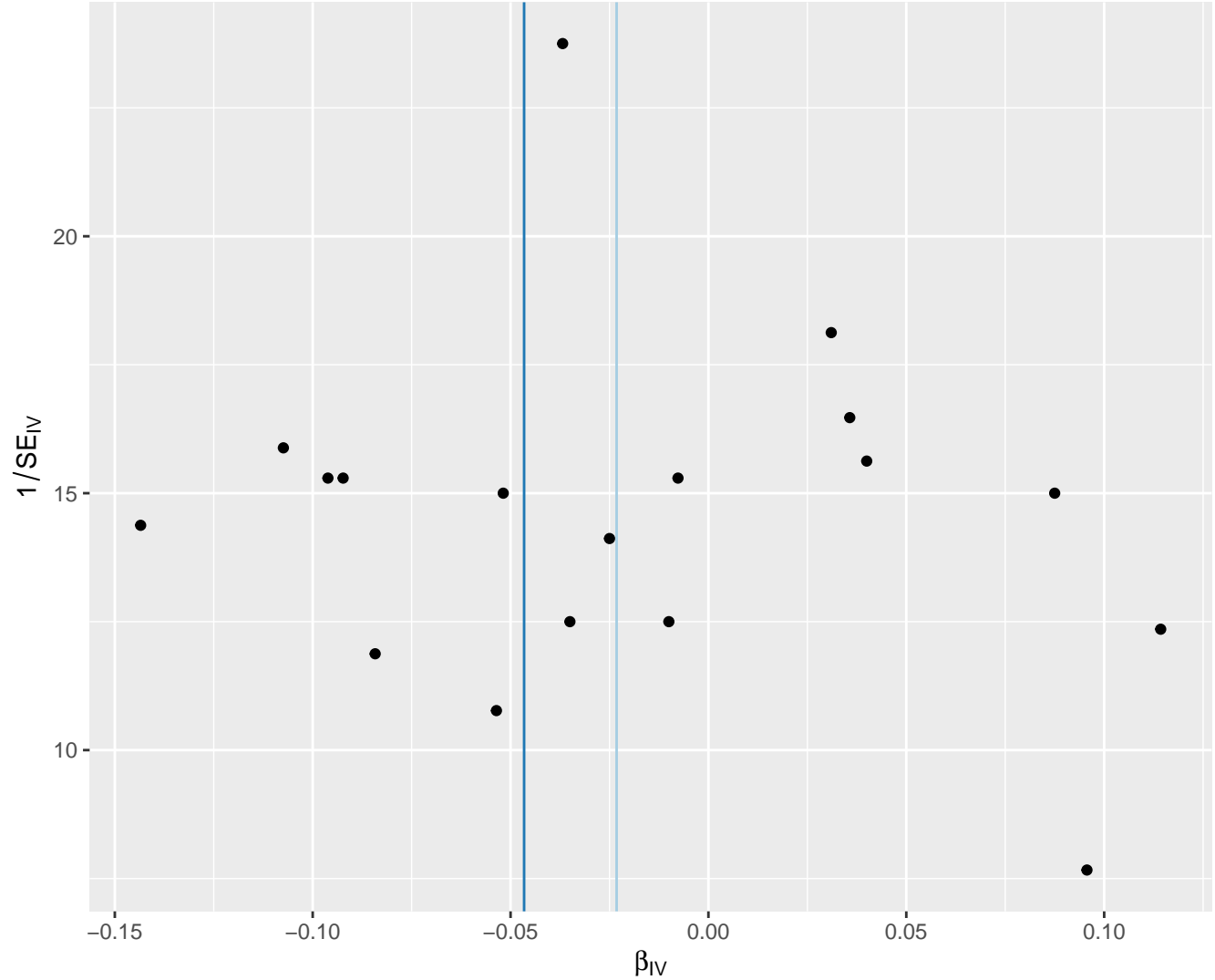
MR Egger



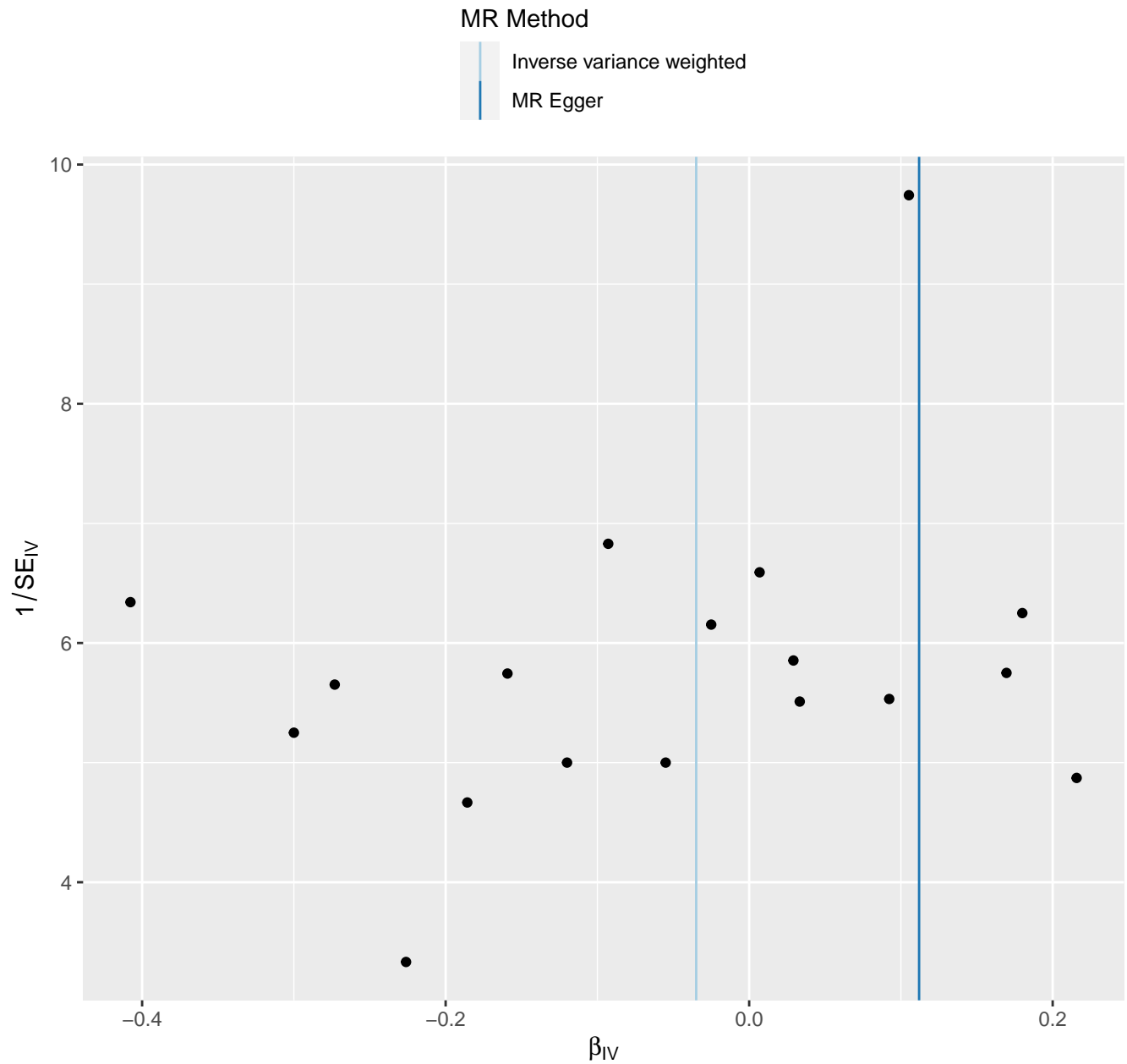
# Pseudouridine

MR Method

- Inverse variance weighted
- MR Egger

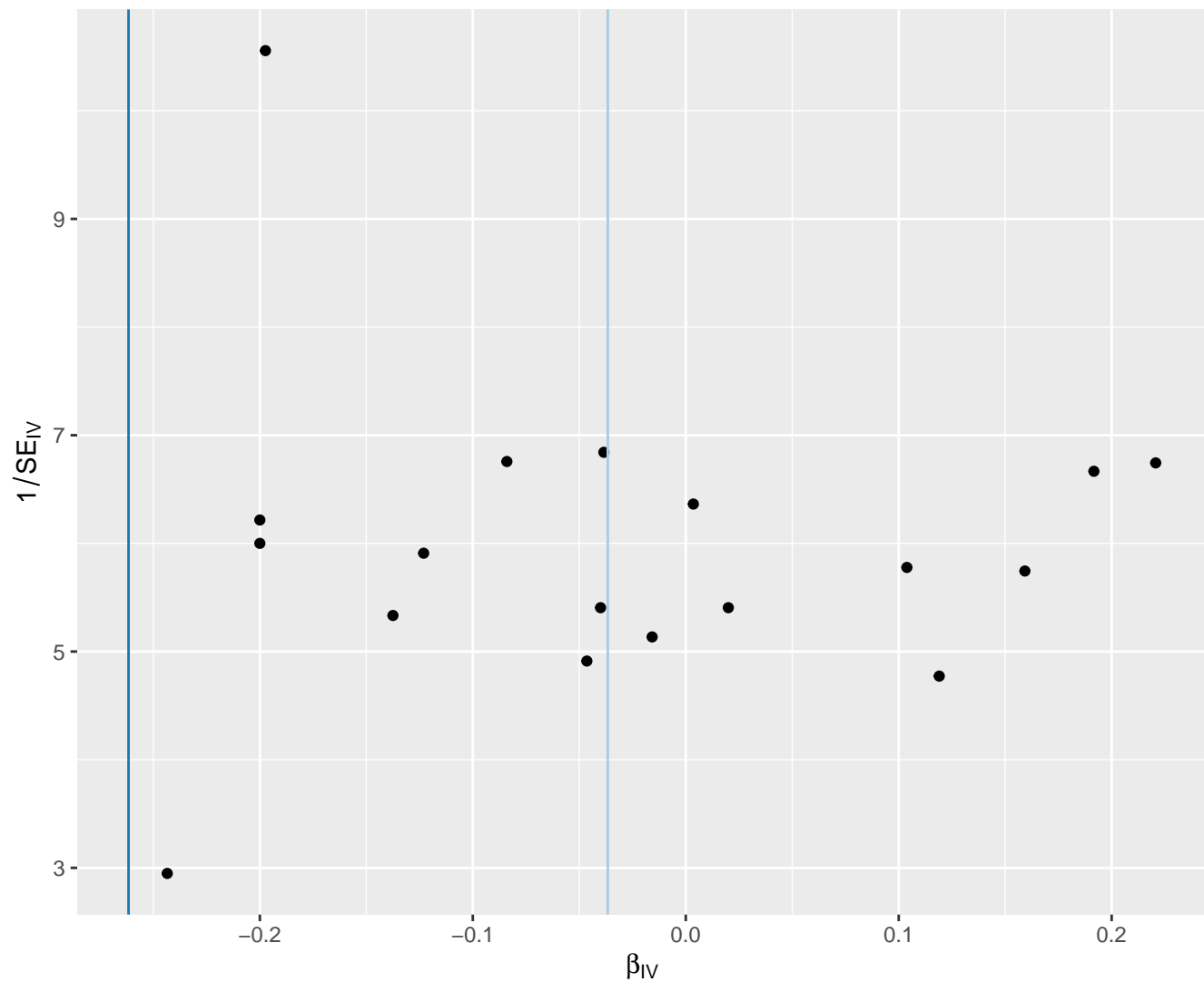


# Pyridoxate



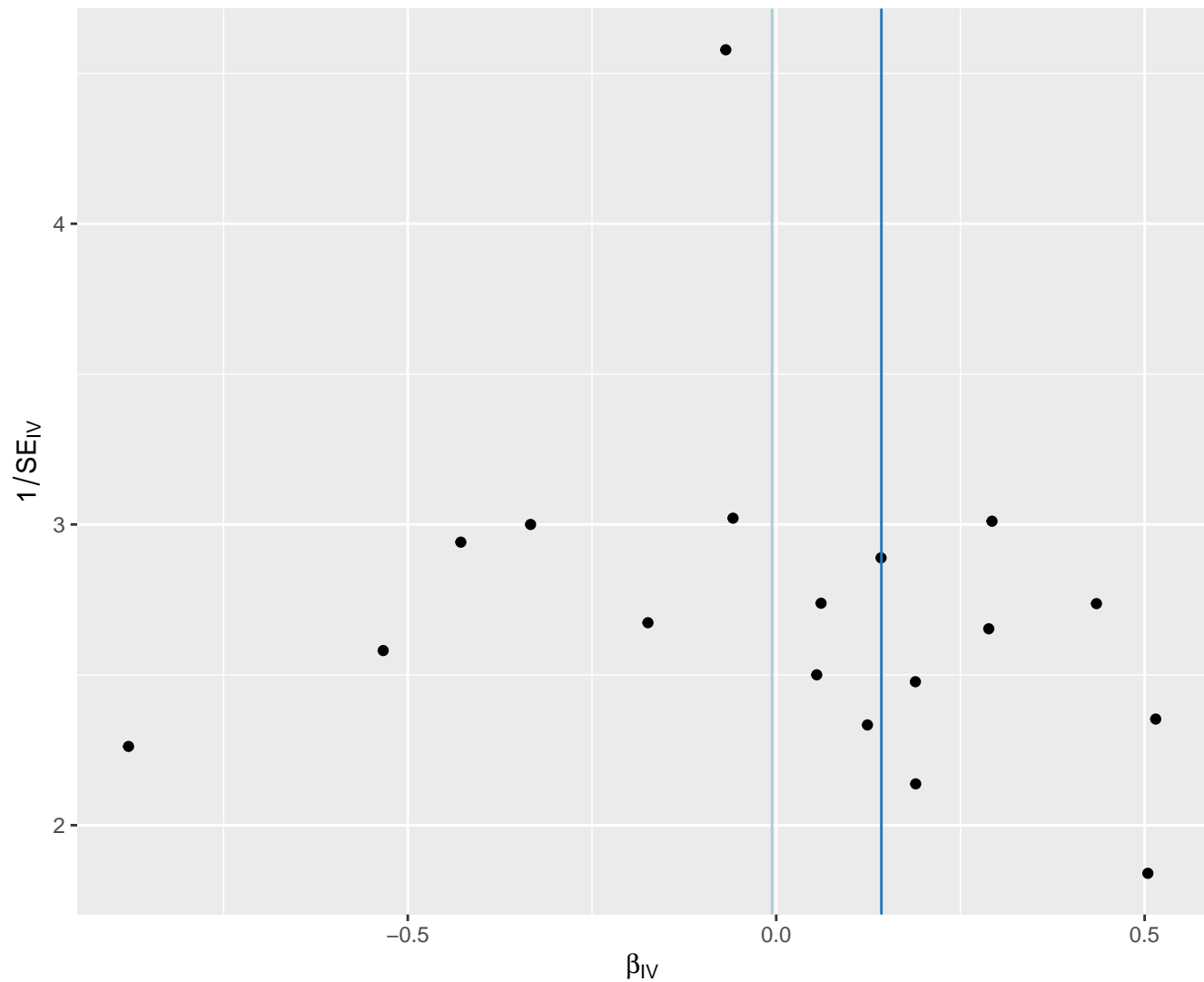
# Pyroglutamine\*

MR Method



# Pyroglutamyglycine

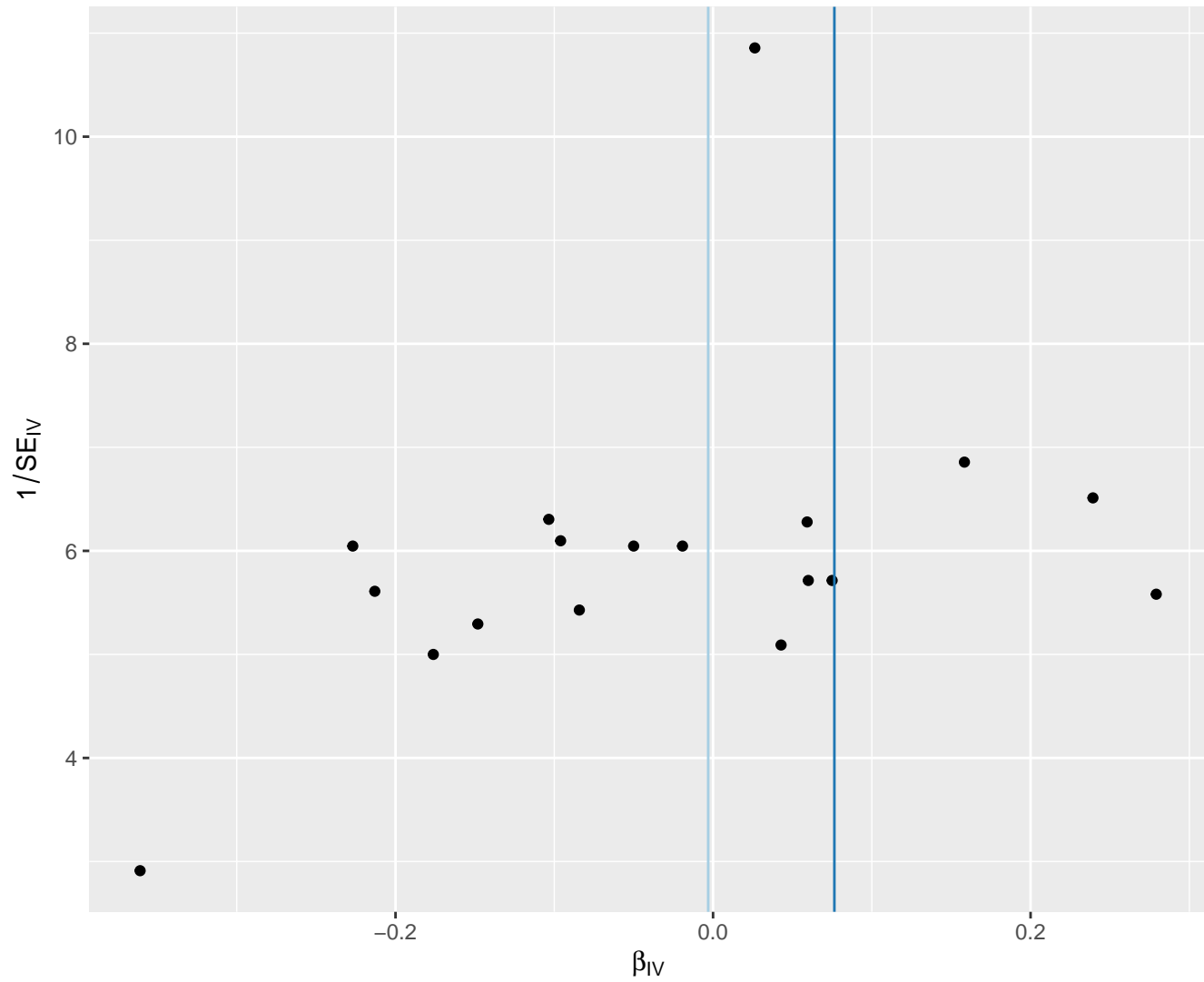
MR Method



# Pyruvate

## MR Method

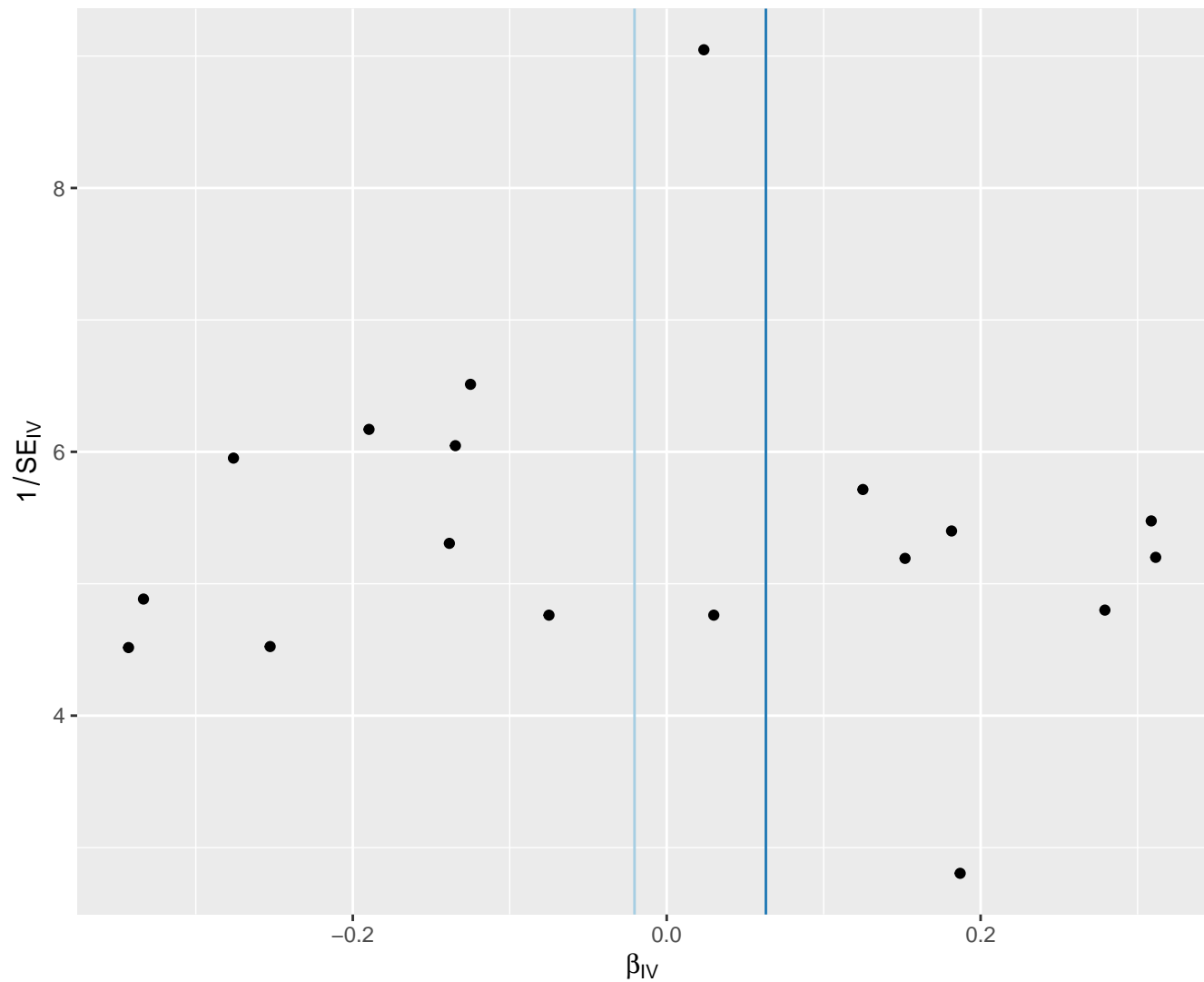
- Inverse variance weighted
- MR Egger





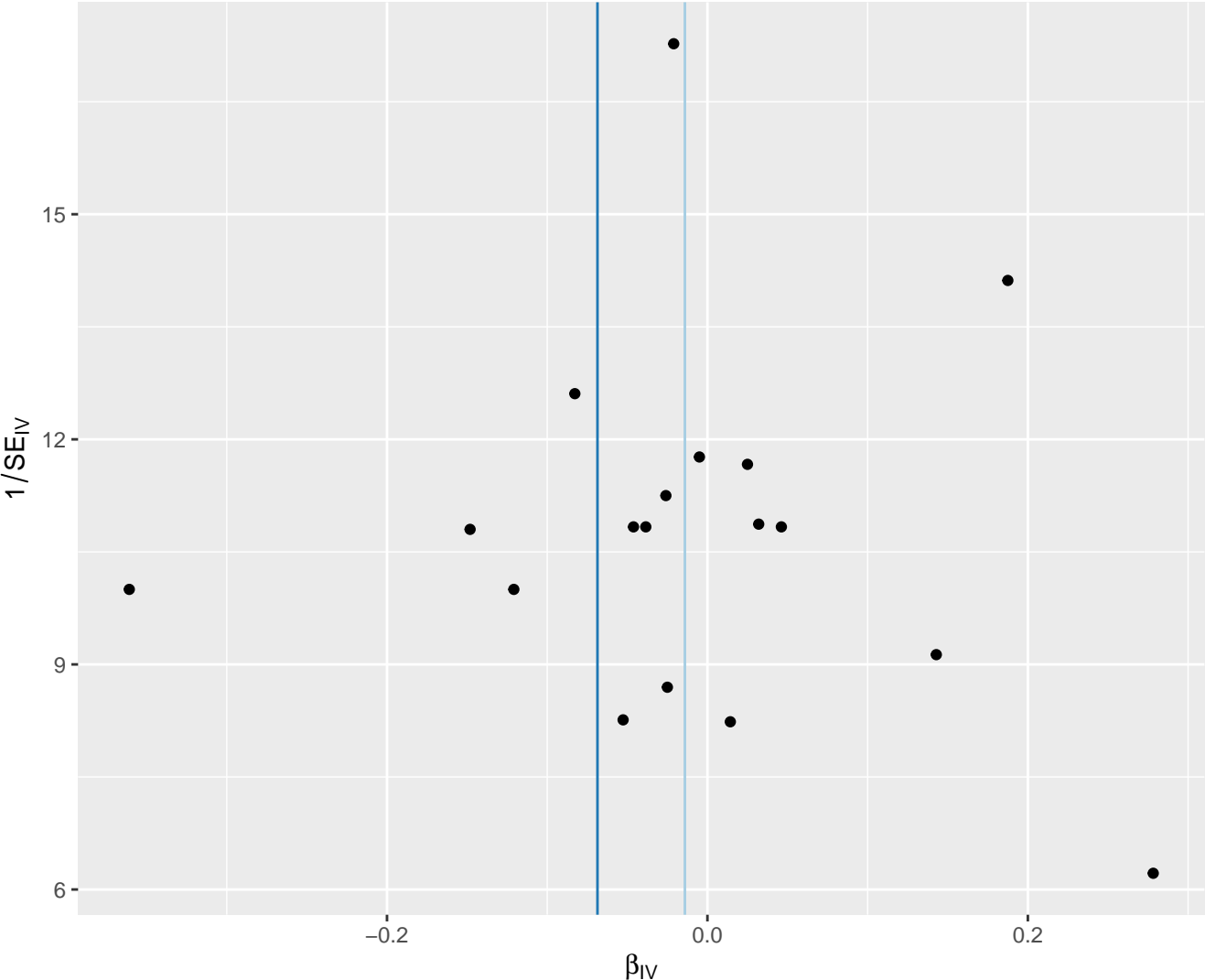
# Scyllo–inositol

MR Method



# Serine

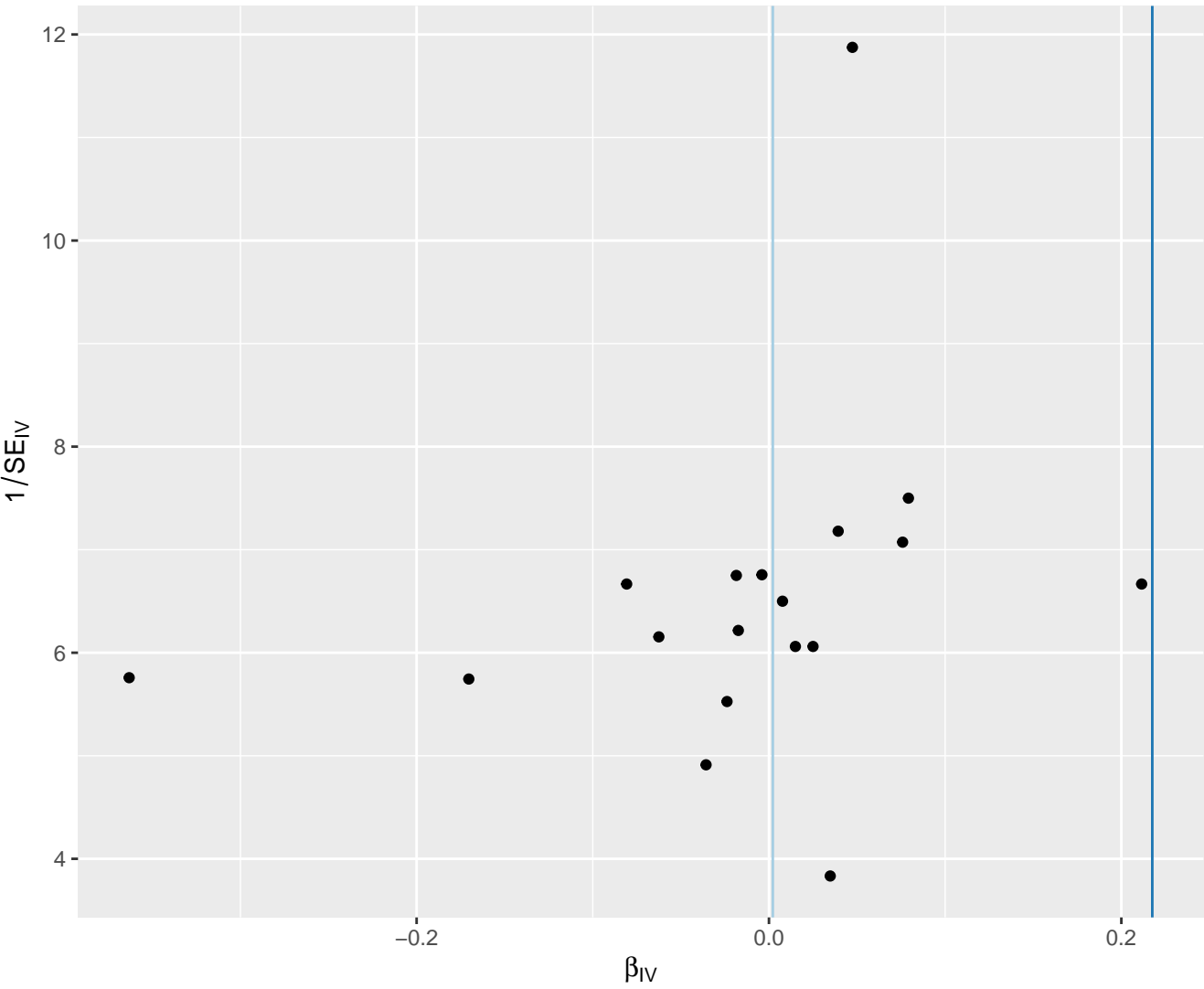
MR Method



# Serotonin (5HT)

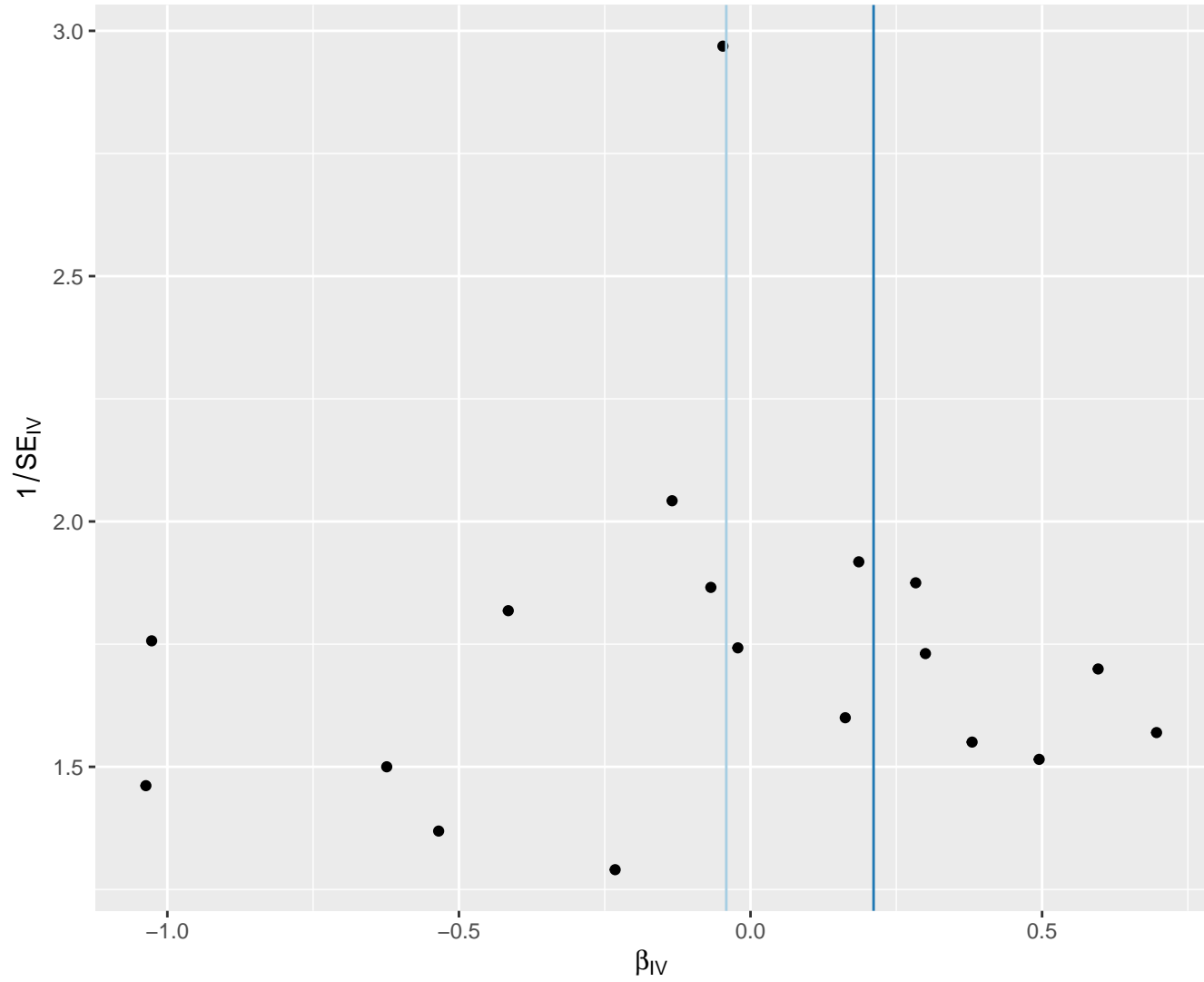
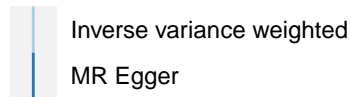
MR Method

- Inverse variance weighted
- MR Egger



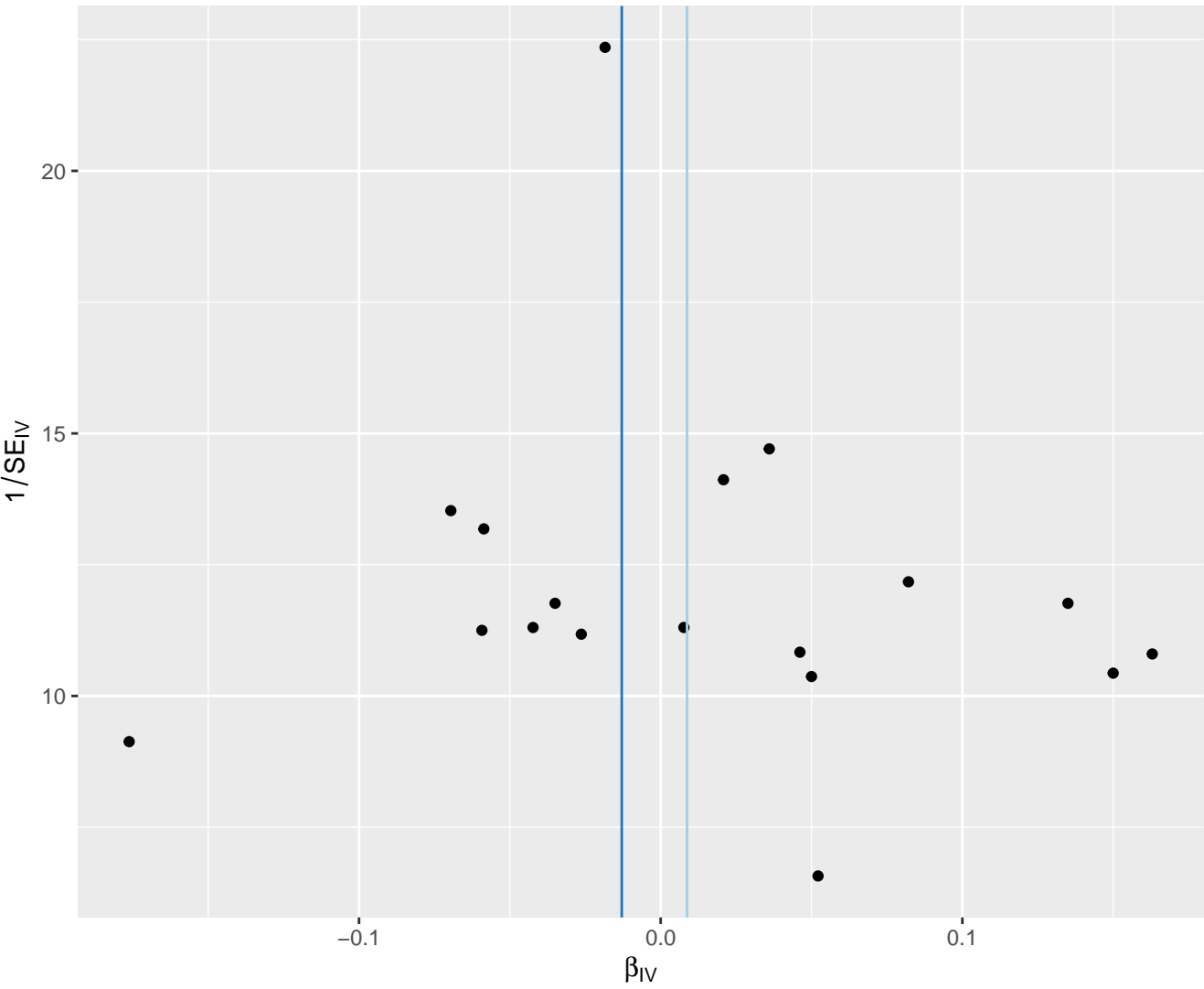
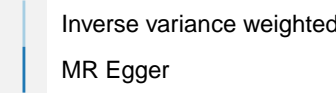
# Stachydrine

MR Method



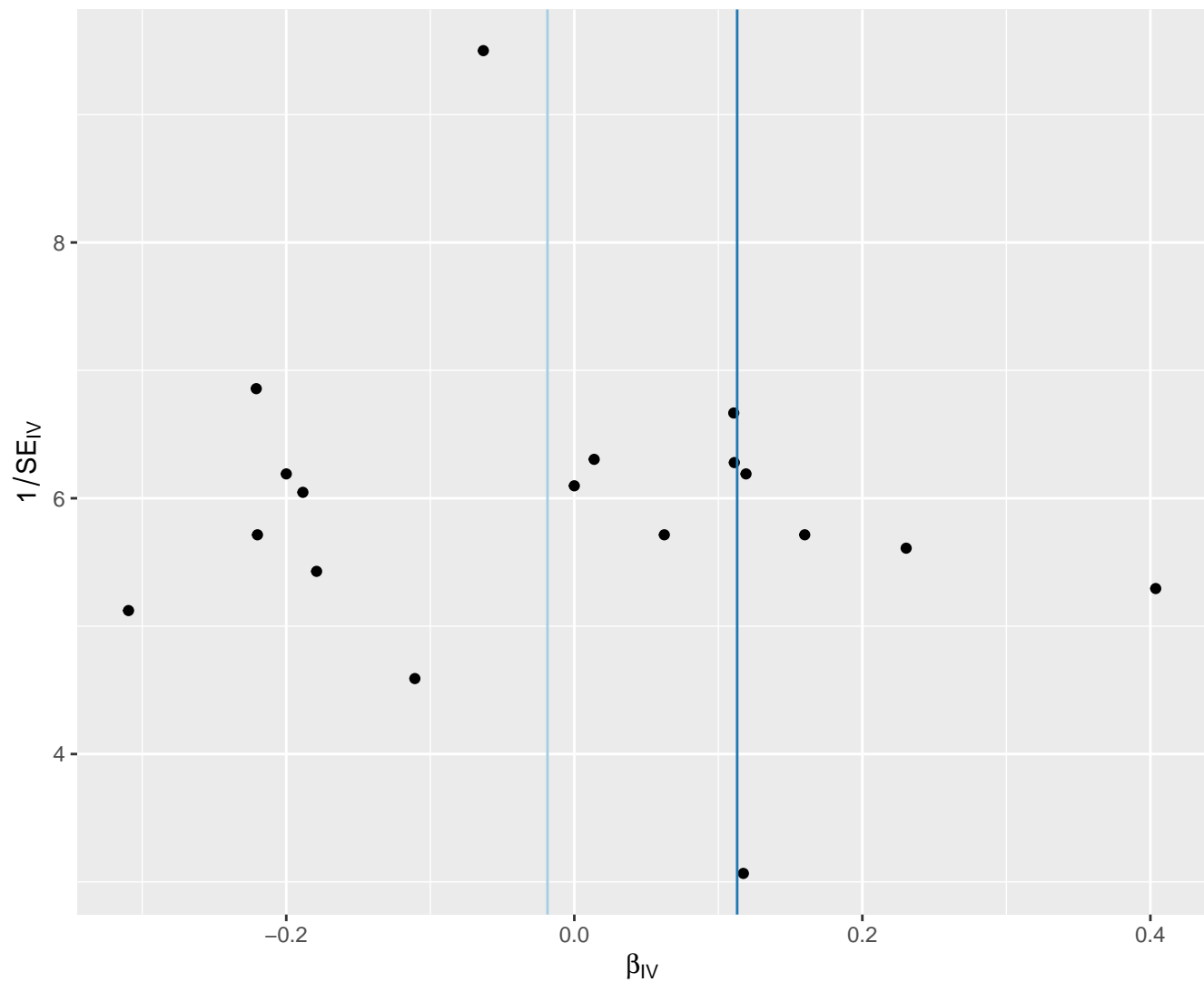
Stearate (18:0)

MR Method



# Stearidonate (18:4n3)

MR Method



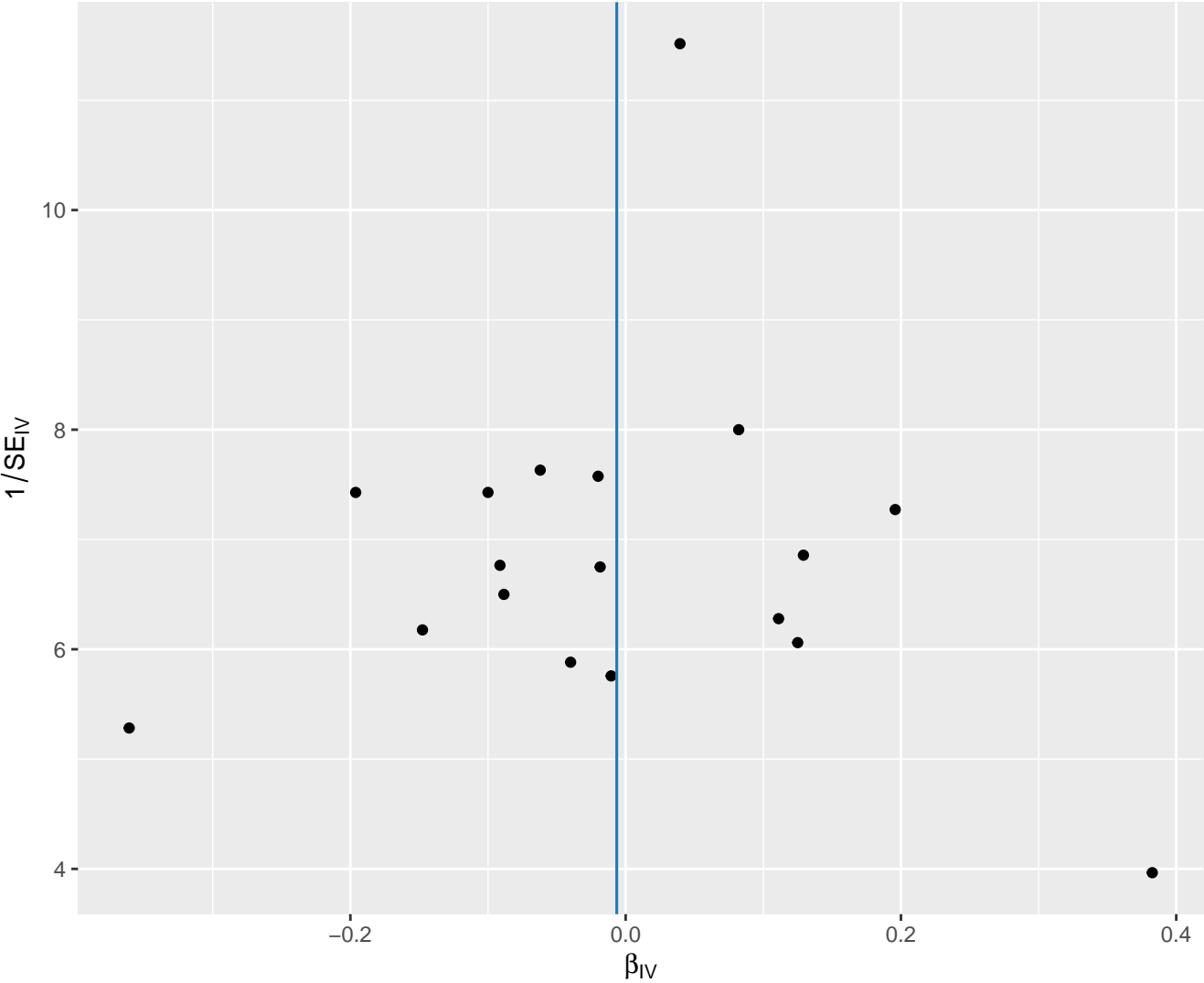
# Stearoylcarnitine

MR Method



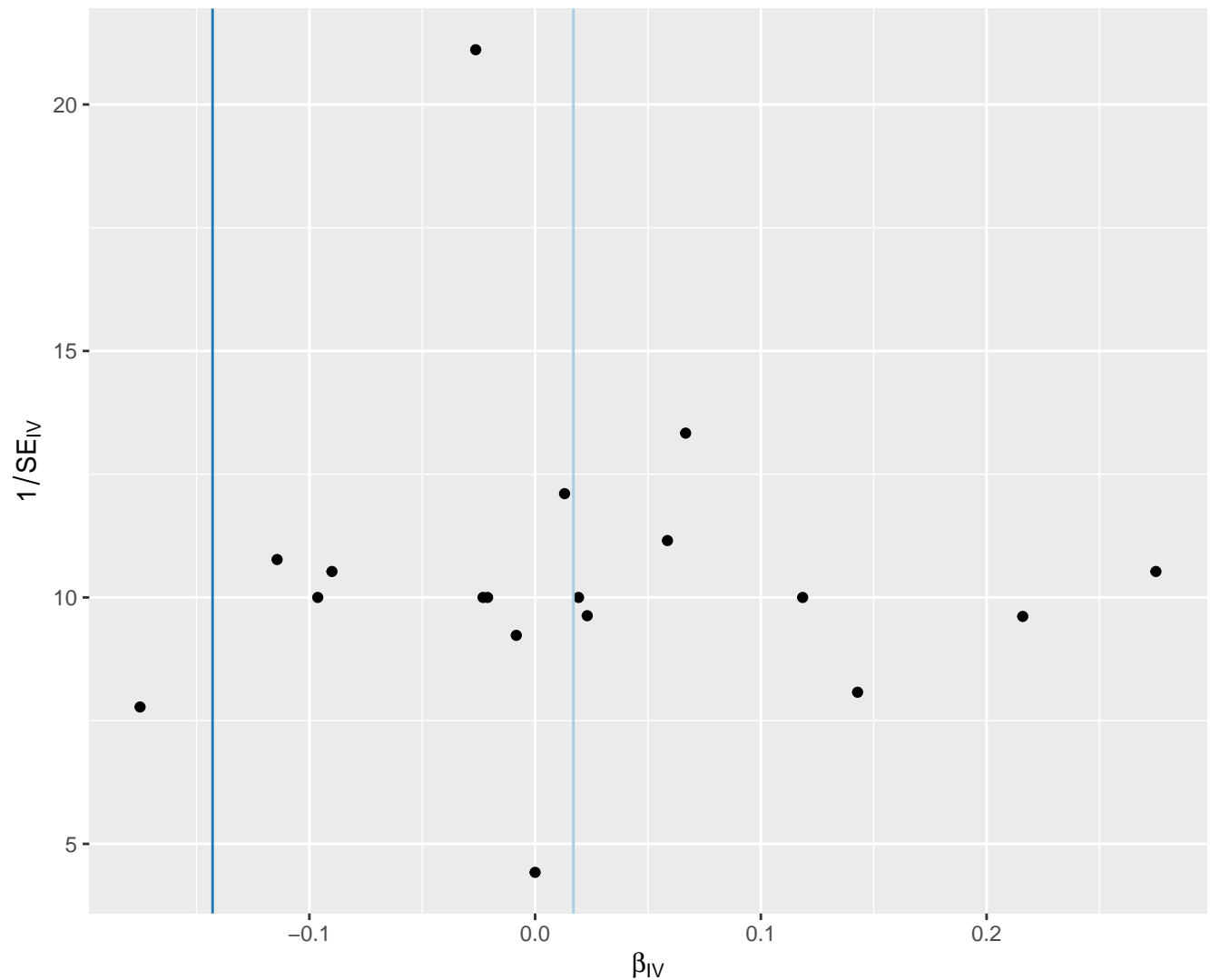
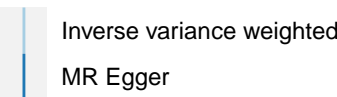
Inverse variance weighted

MR Egger



# Succinylcarnitine

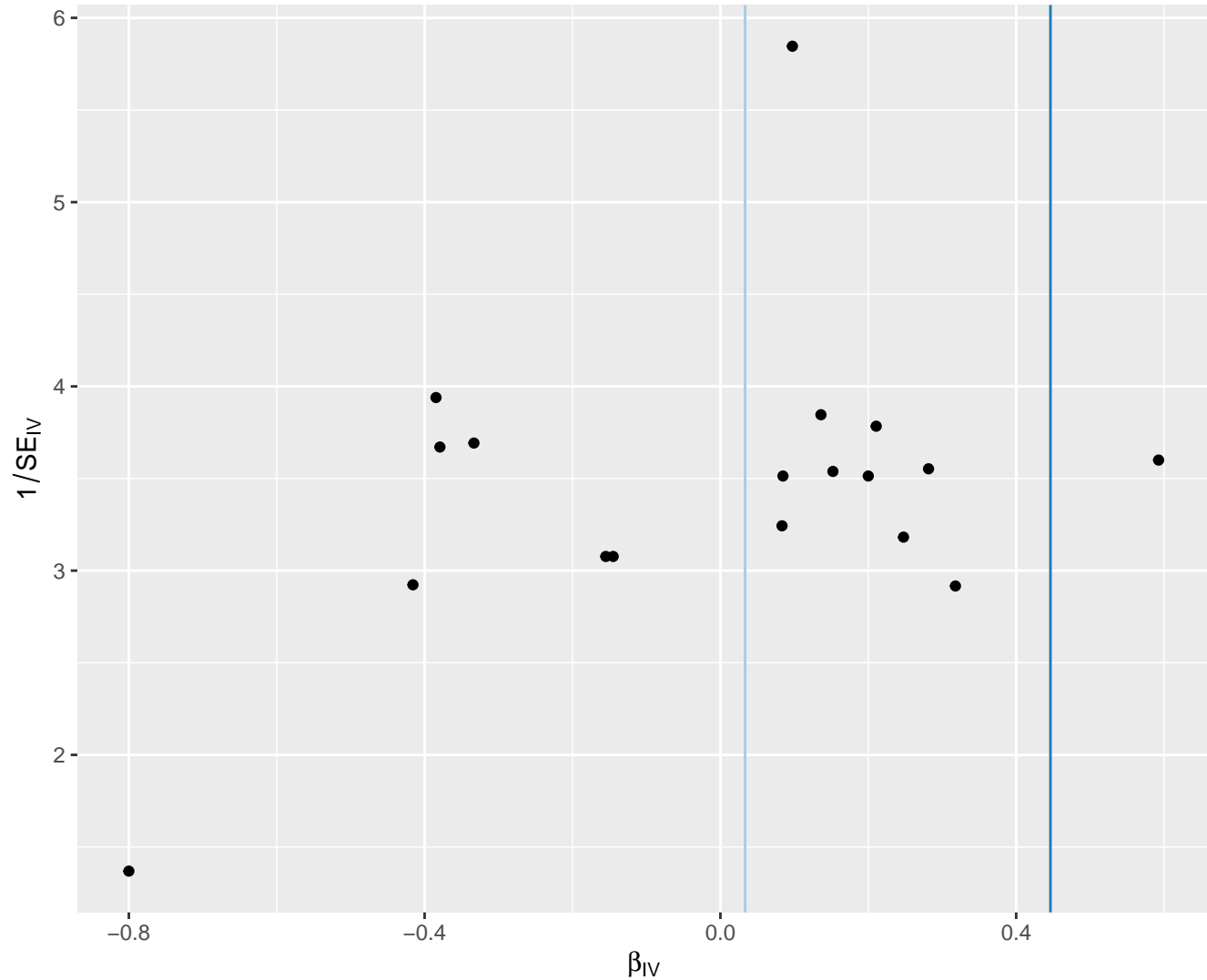
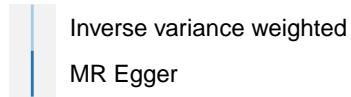
MR Method





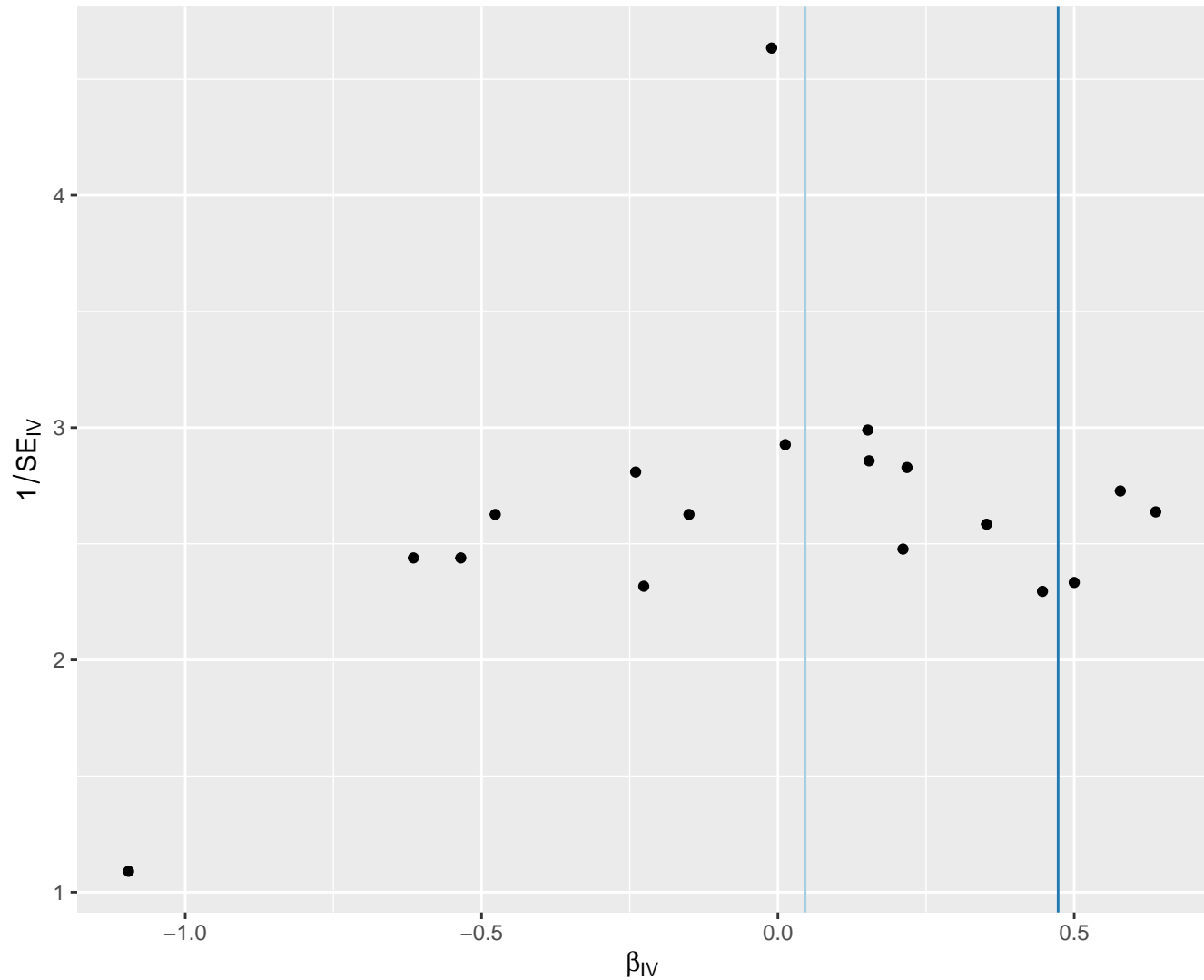
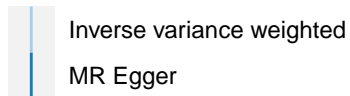
# Taurochenodeoxycholate

MR Method



# Taurocholate

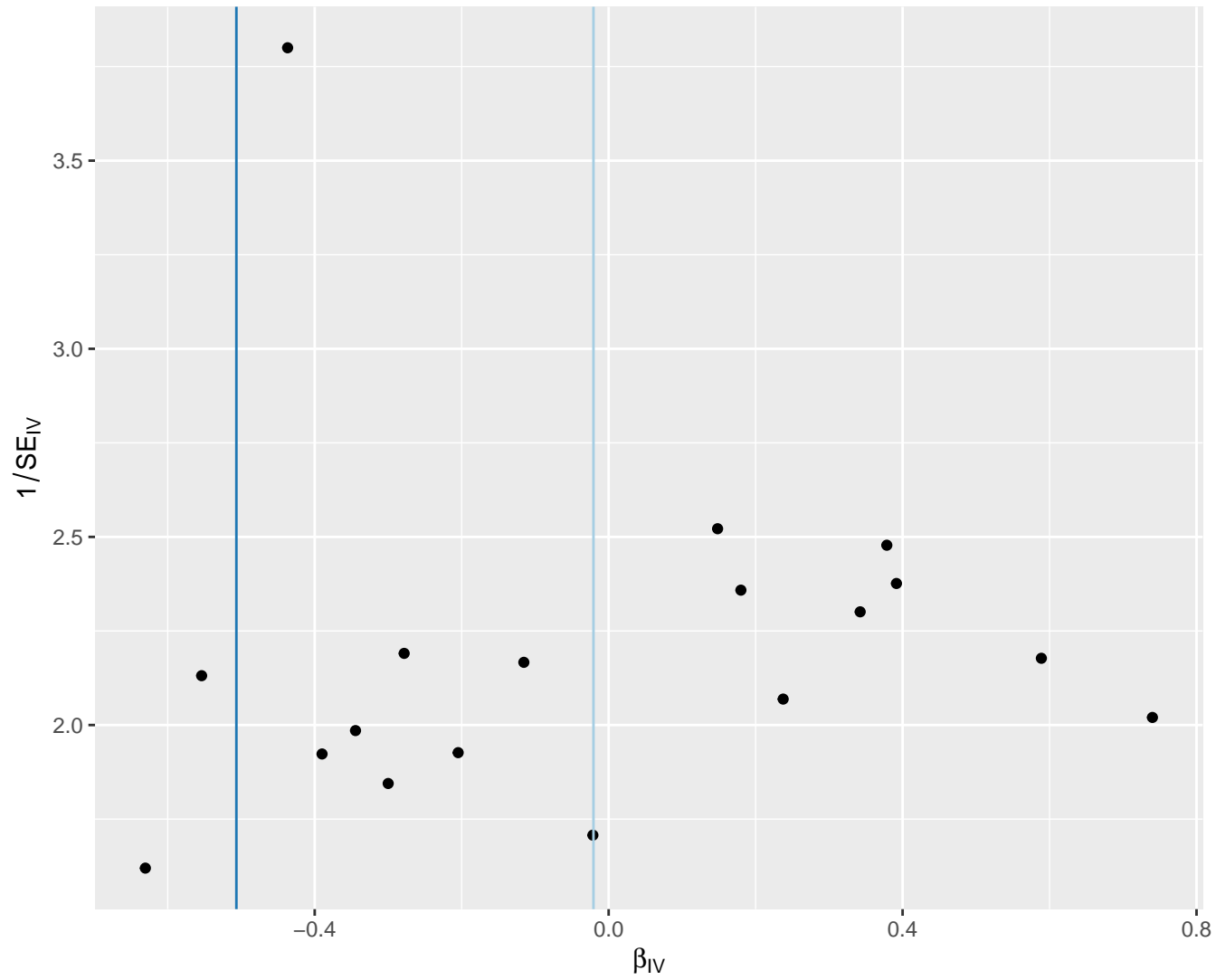
MR Method



# Taurodeoxycholate

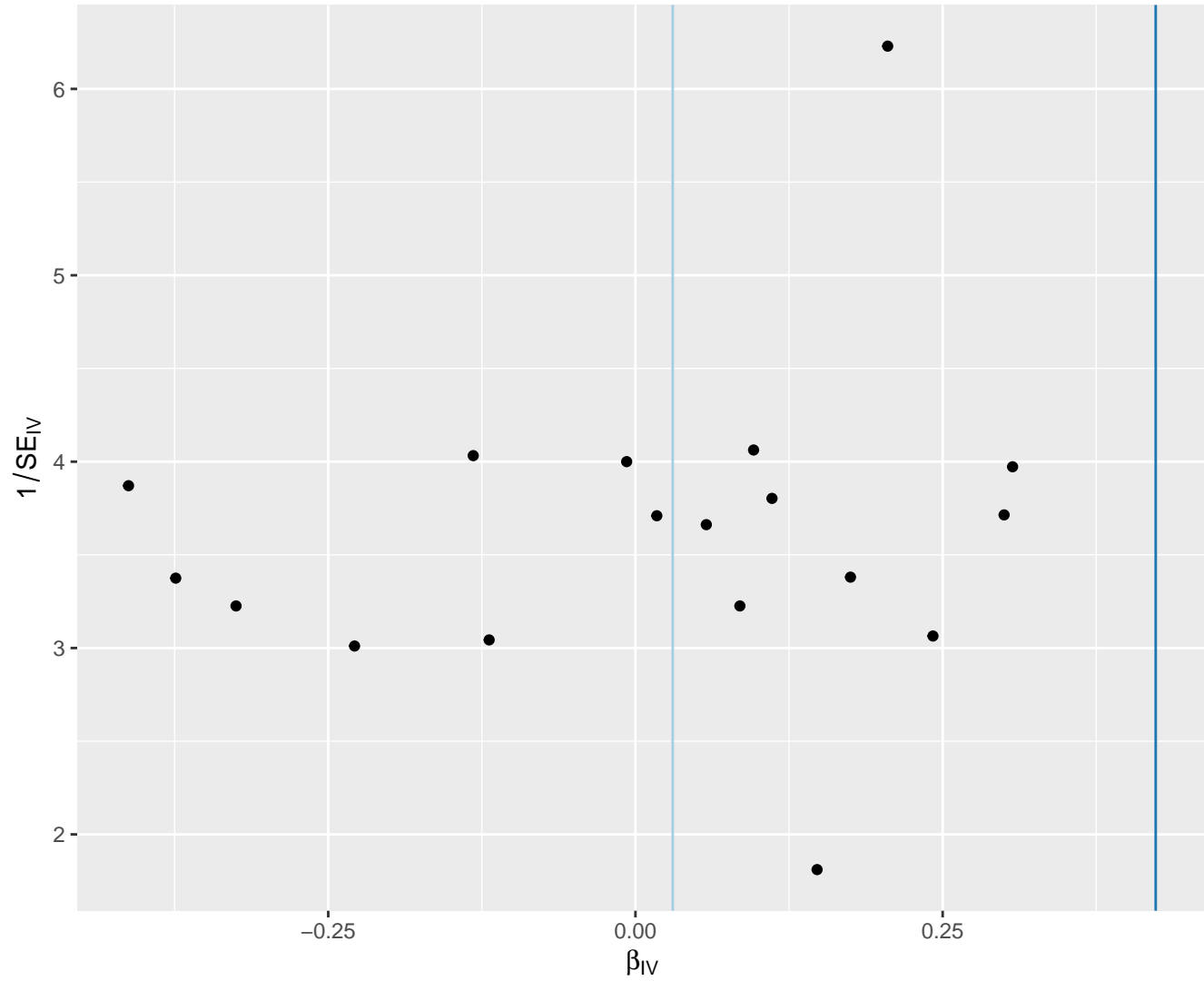
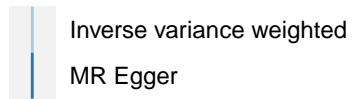
MR Method

Inverse variance weighted  
MR Egger



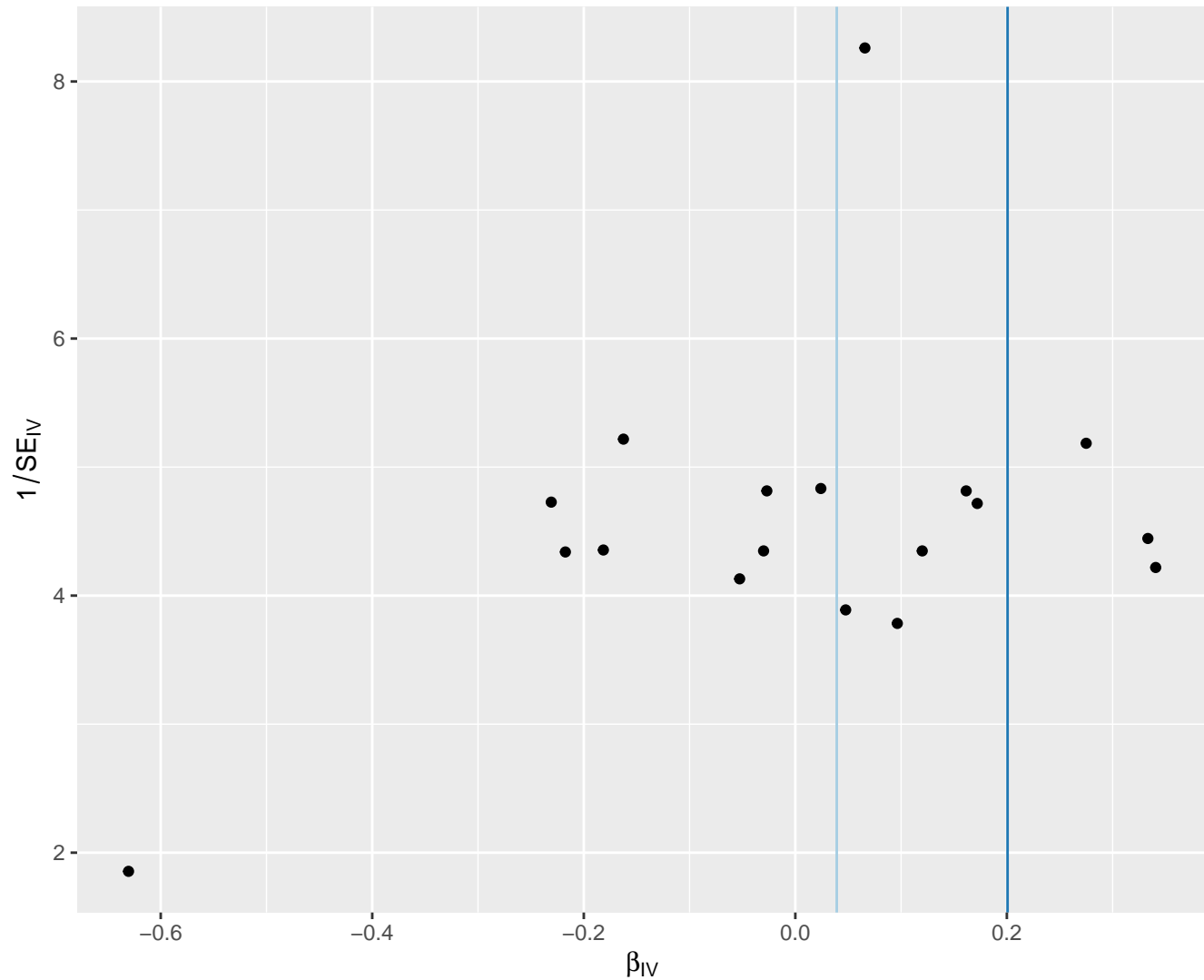
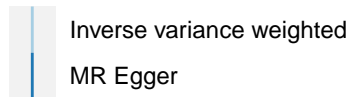
# Taurolithocholate 3-sulfate

MR Method



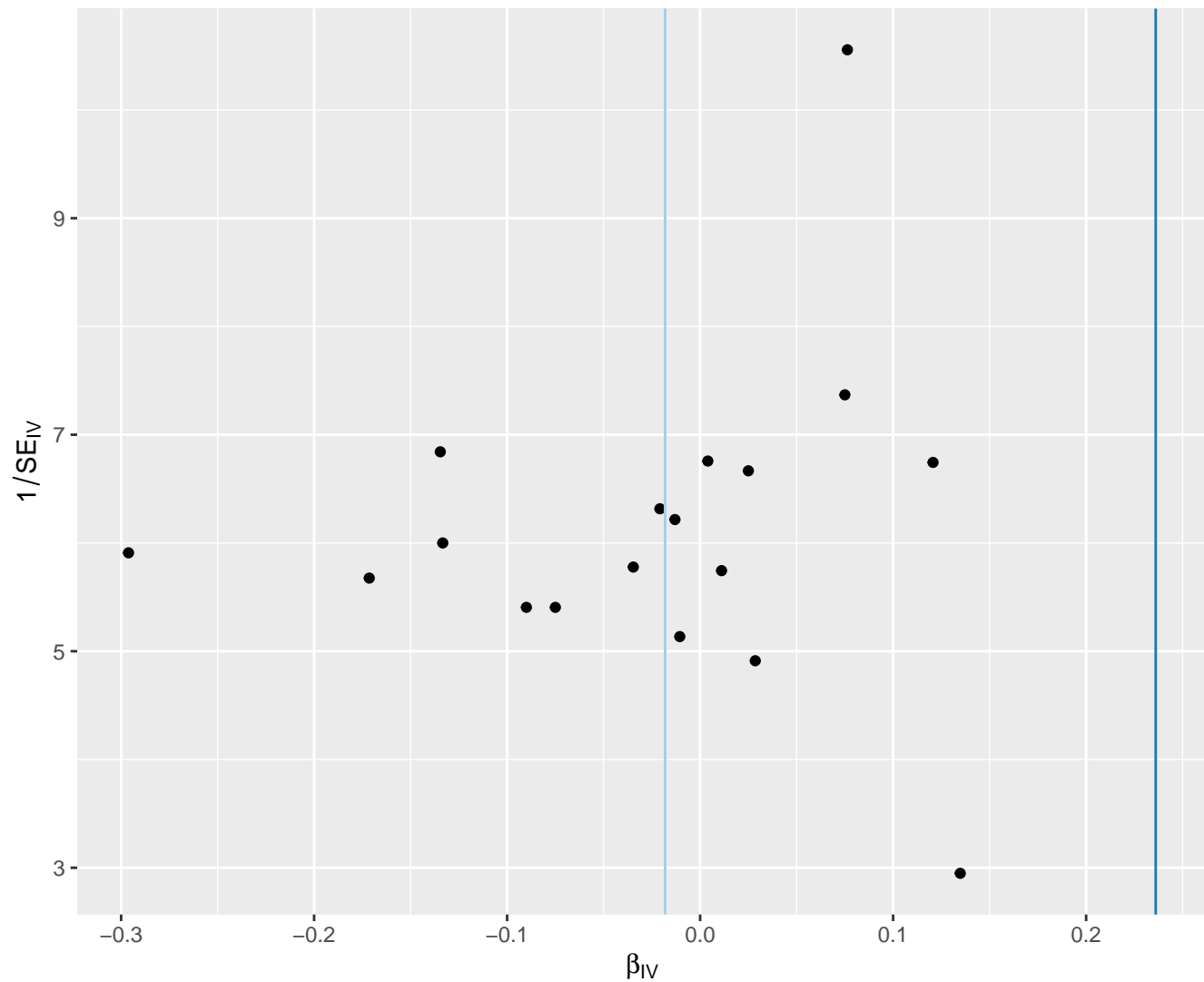
# Tetradecanedioate

MR Method



# Threitol

MR Method



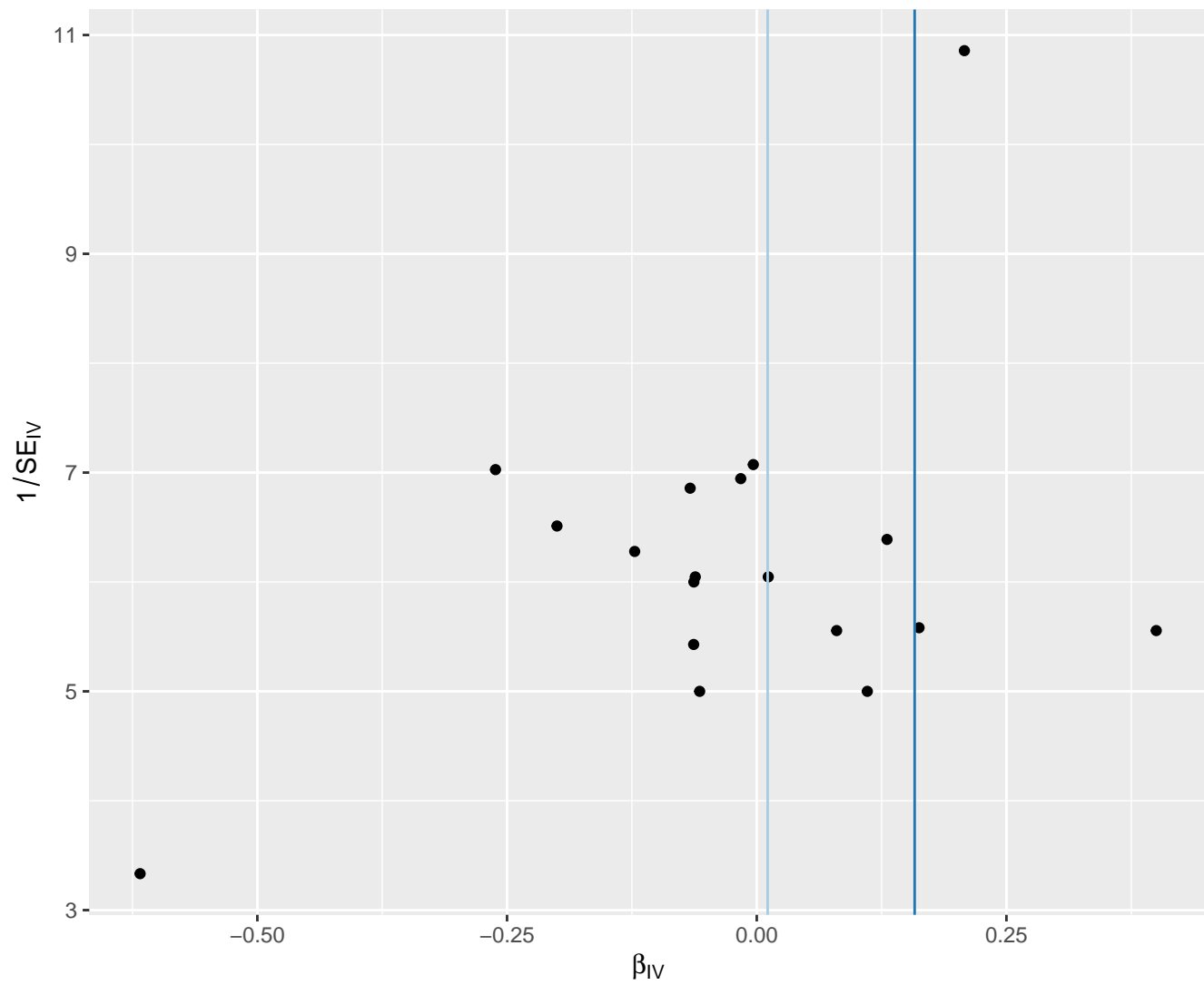
# Threonate

MR Method



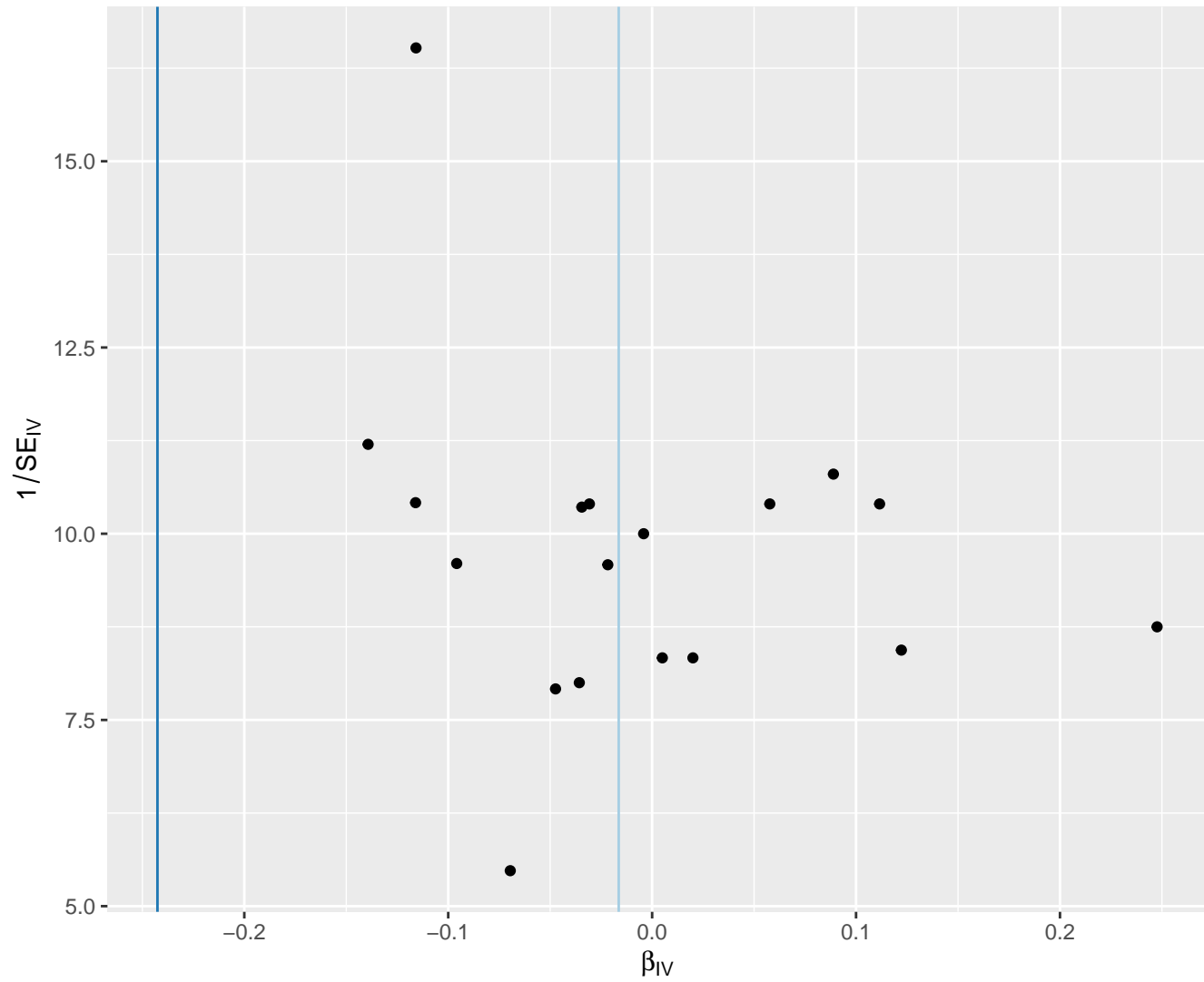
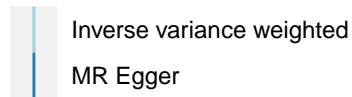
Inverse variance weighted

MR Egger



# Threonine

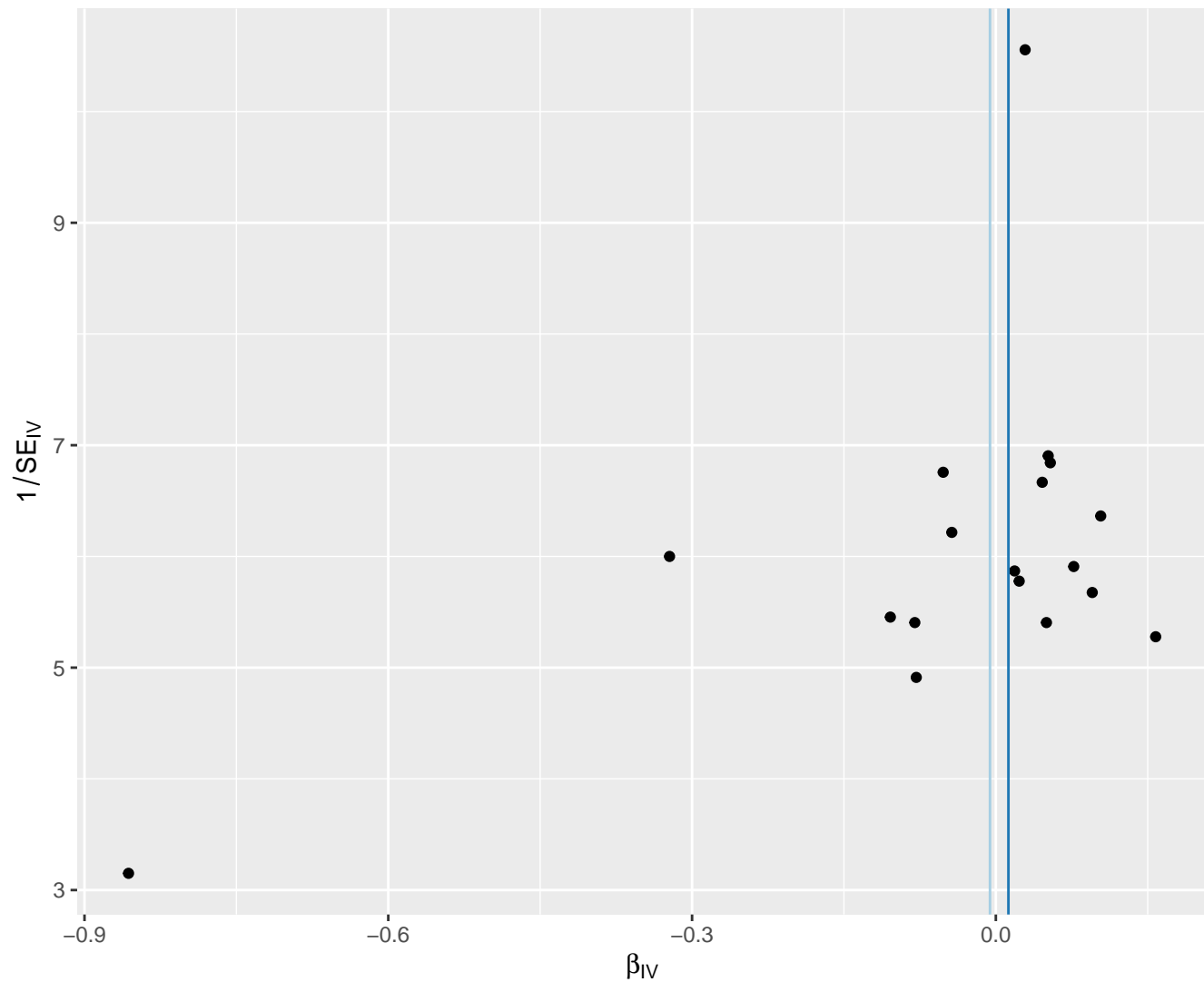
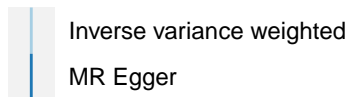
MR Method





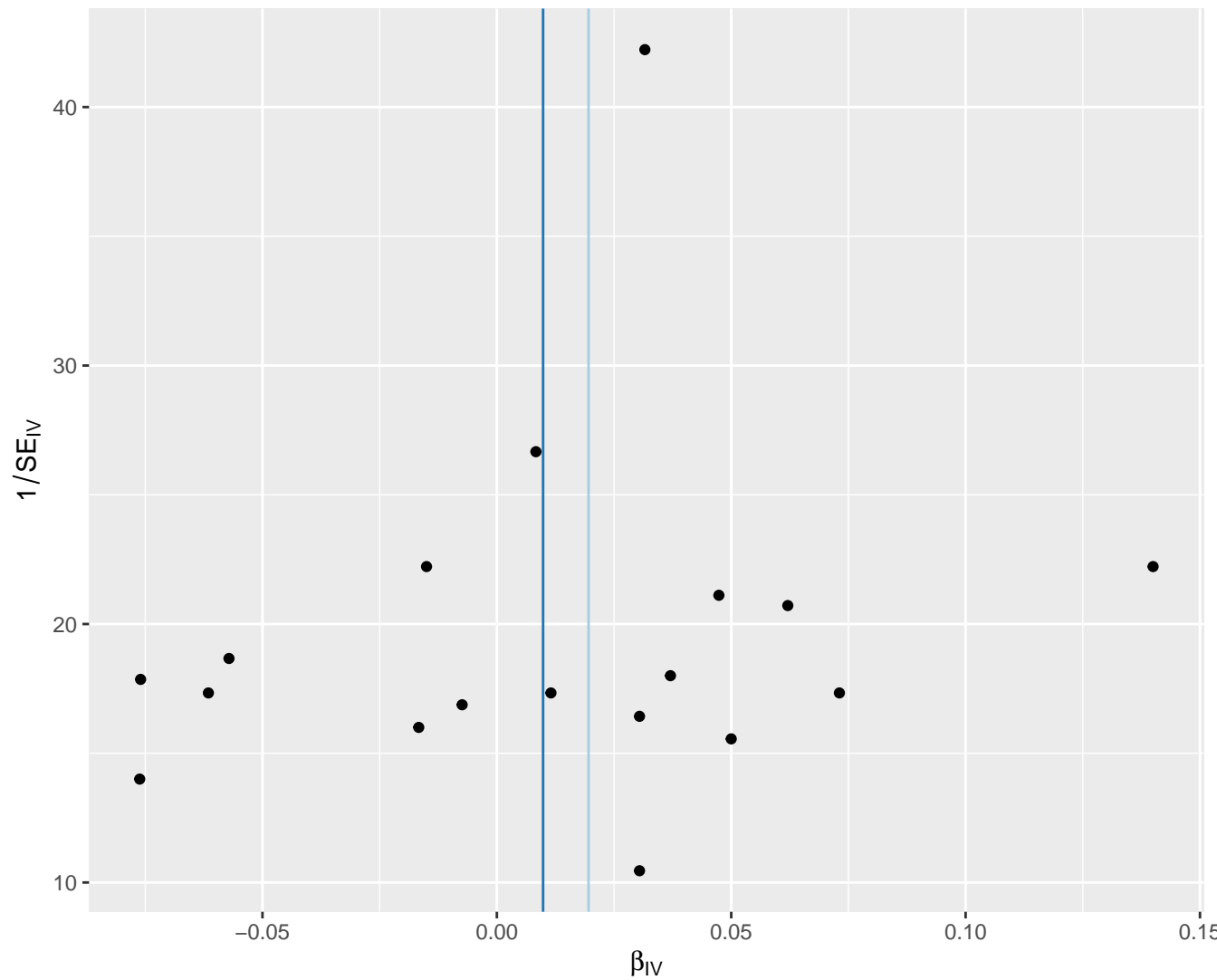
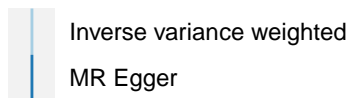
# Trans-4-hydroxyproline

MR Method



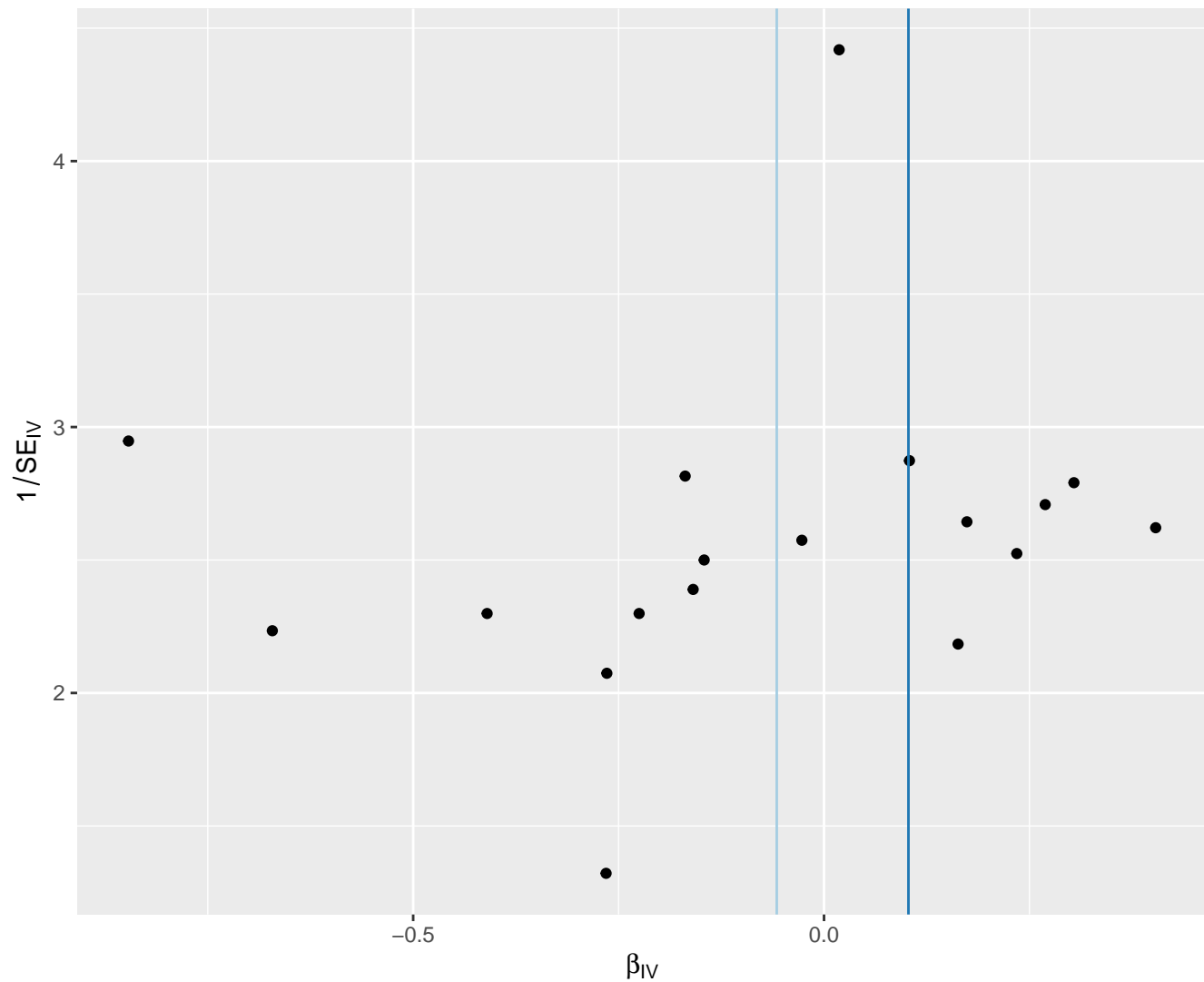
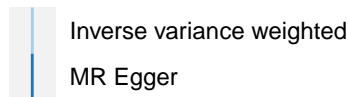
# Tryptophan

MR Method

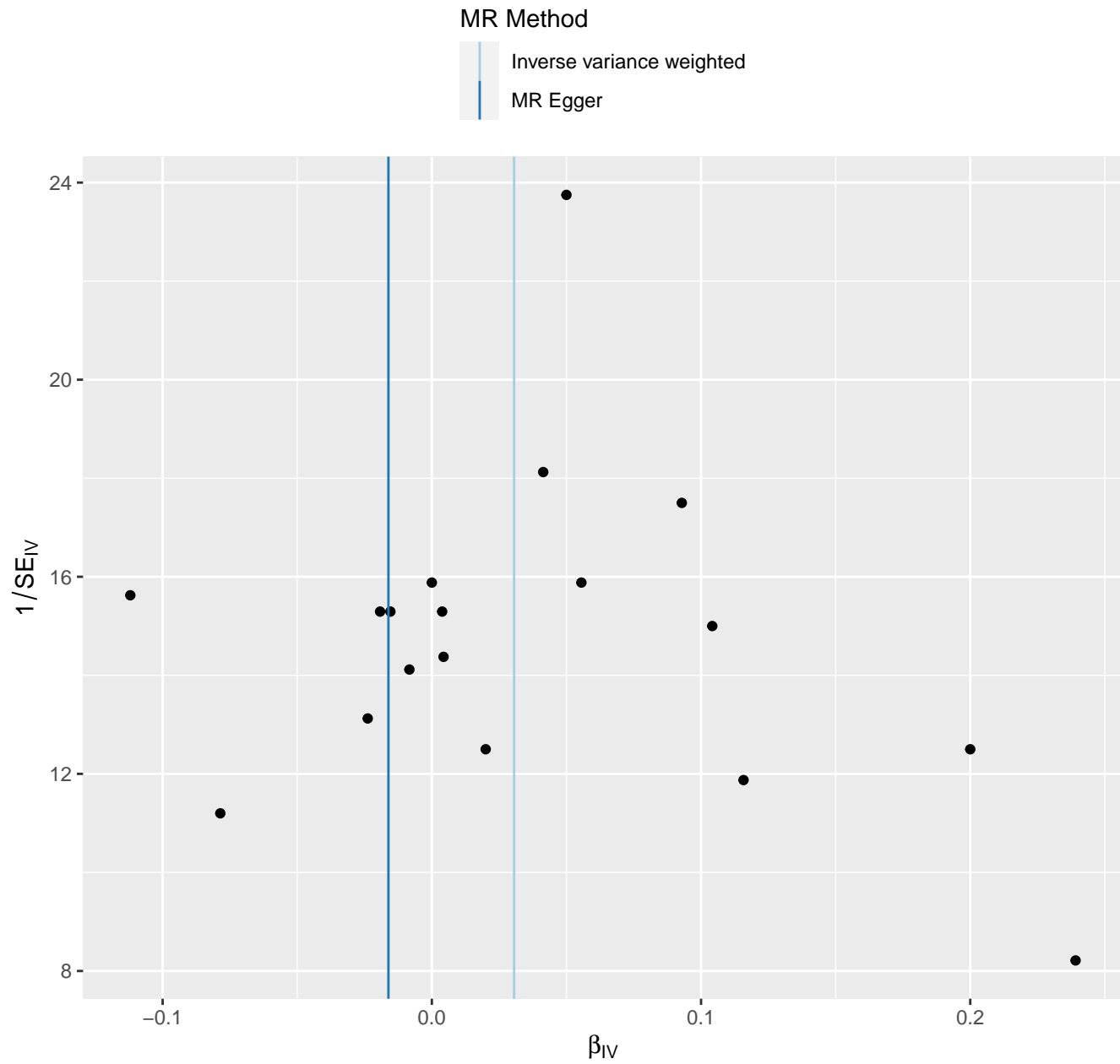


# Tryptophan betaine

MR Method



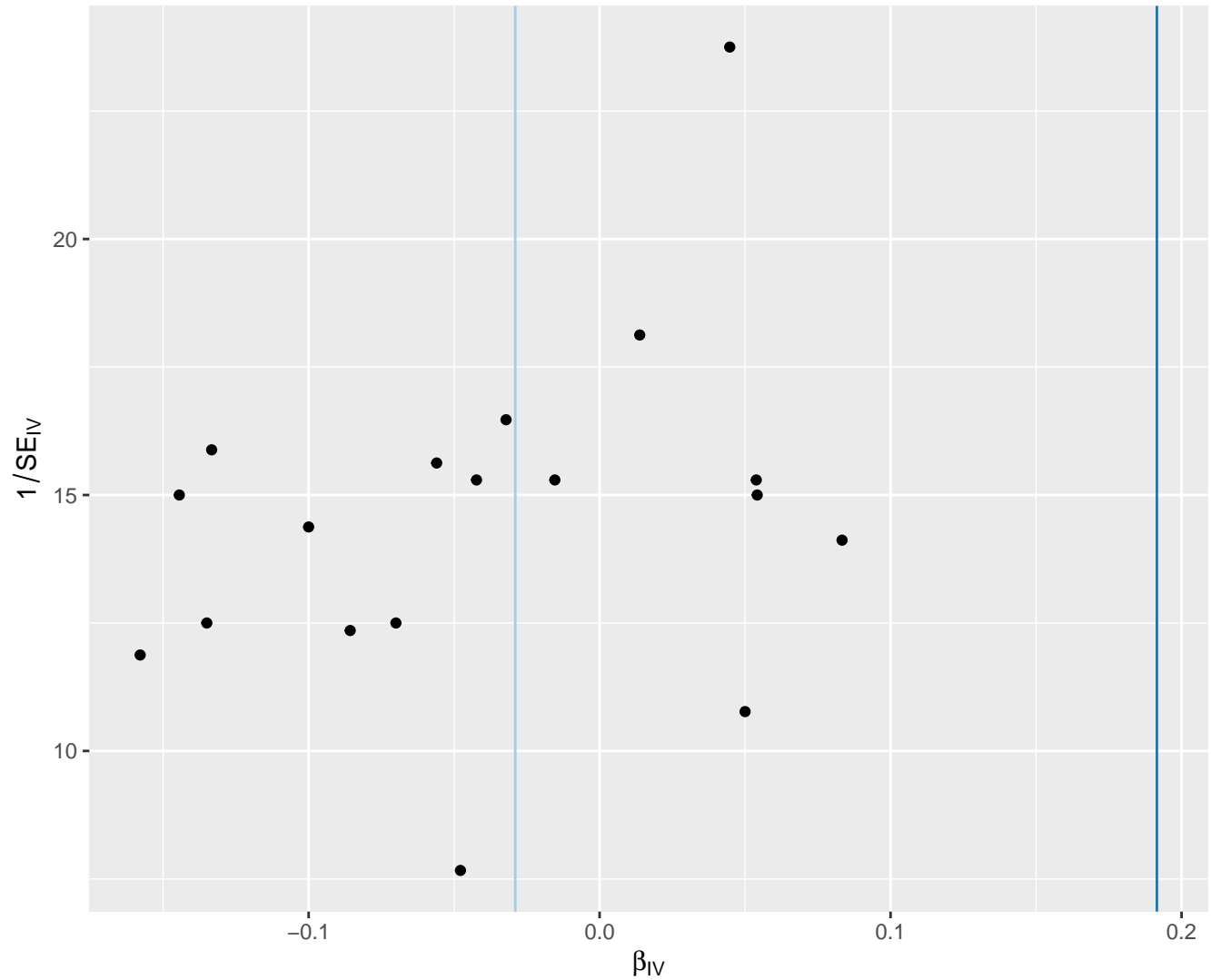
# Tyrosine



# Undecanoate (11:0)

MR Method

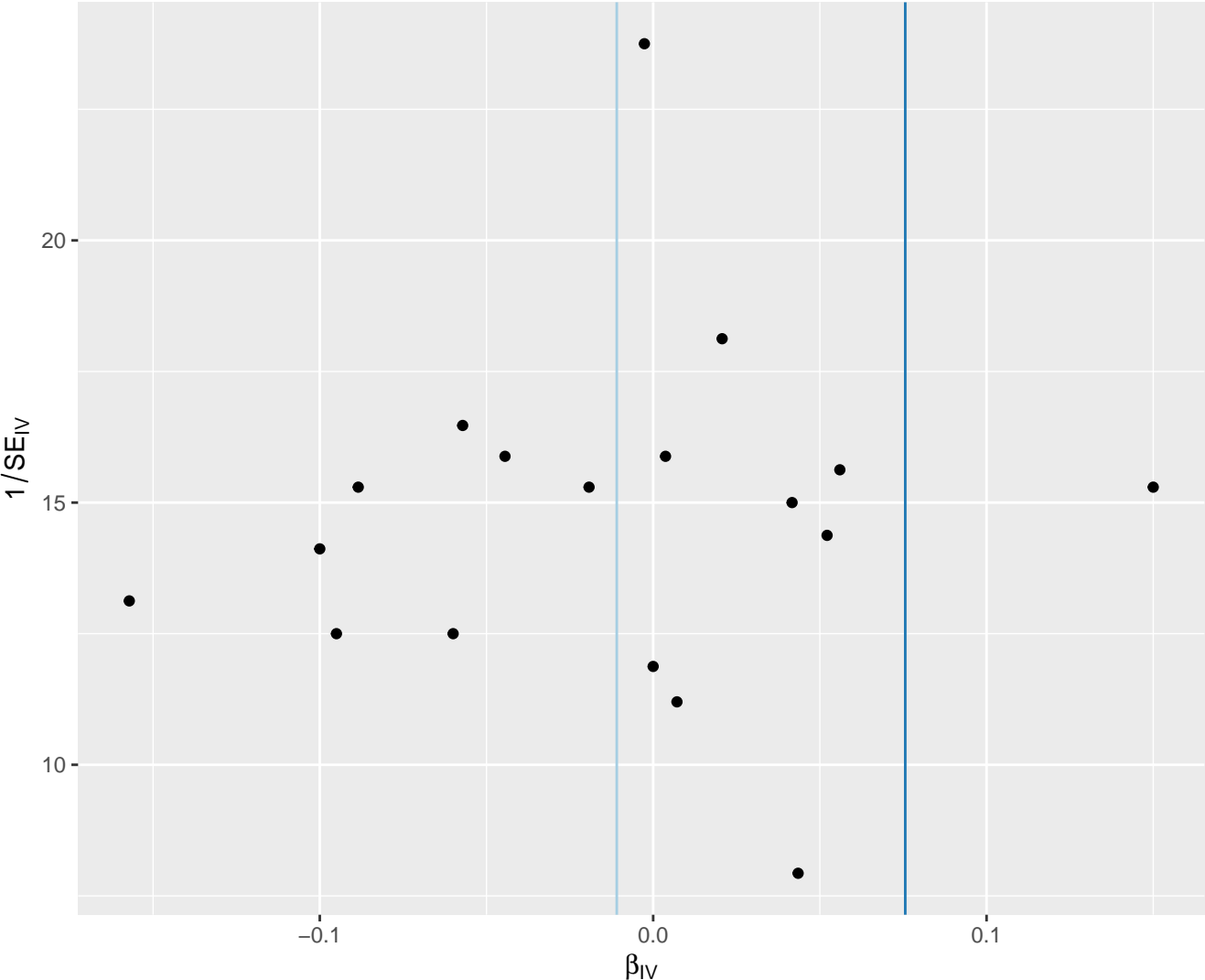
- Inverse variance weighted
- MR Egger



Urate

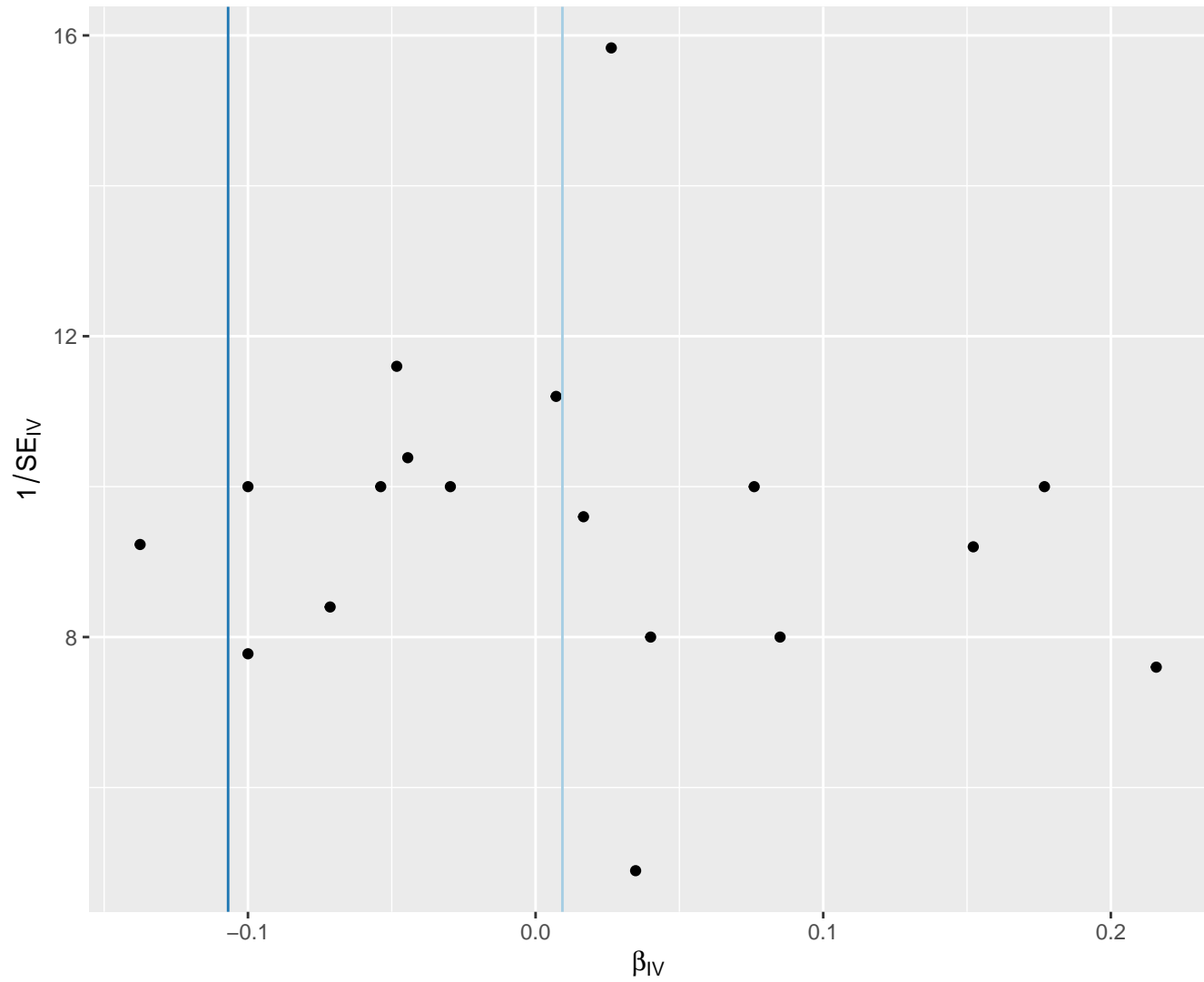
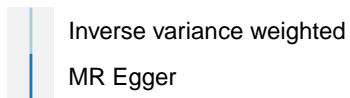
MR Method

- Inverse variance weighted
- MR Egger



# Urea

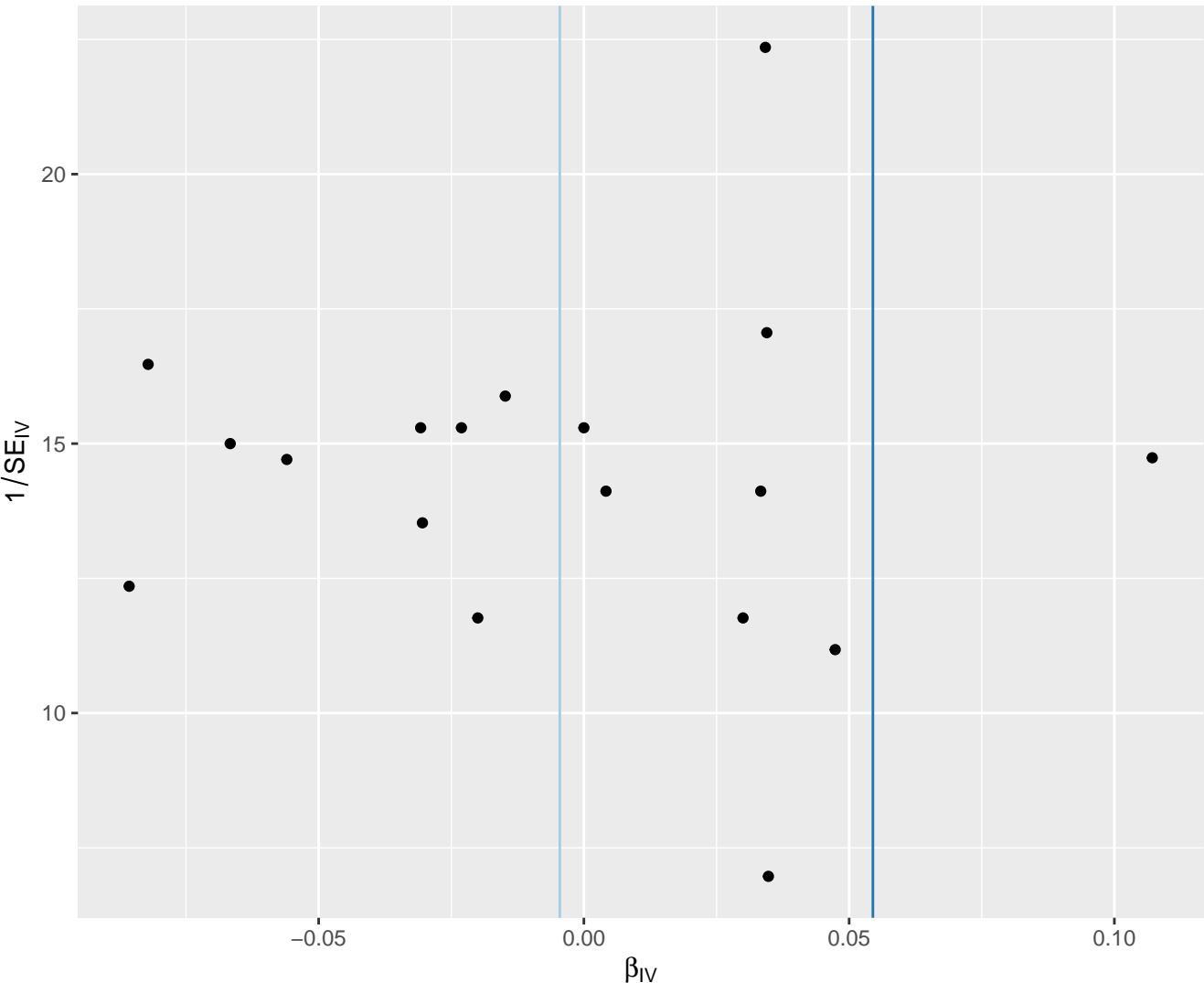
## MR Method



Uridine

MR Method

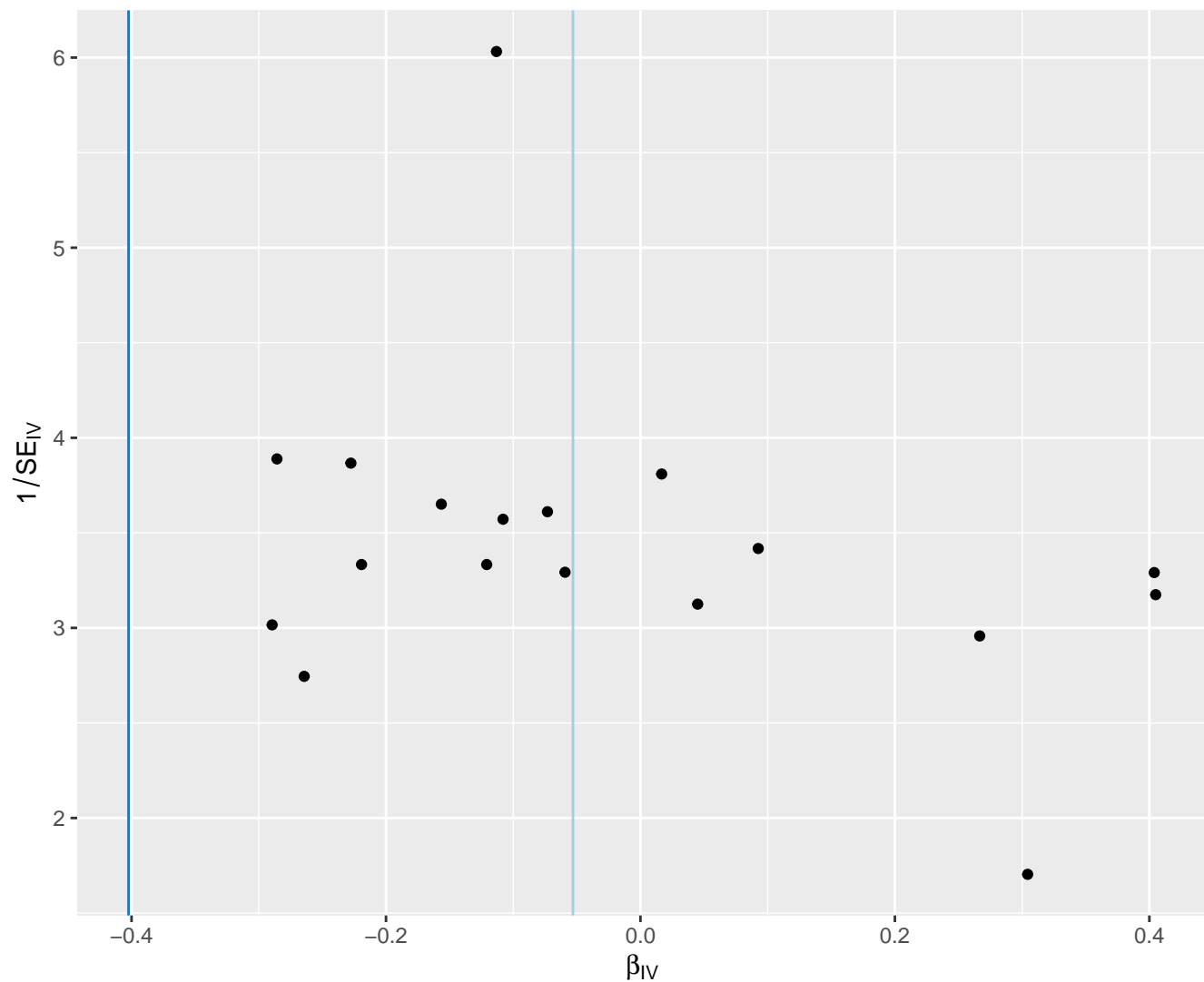
- Inverse variance weighted
- MR Egger





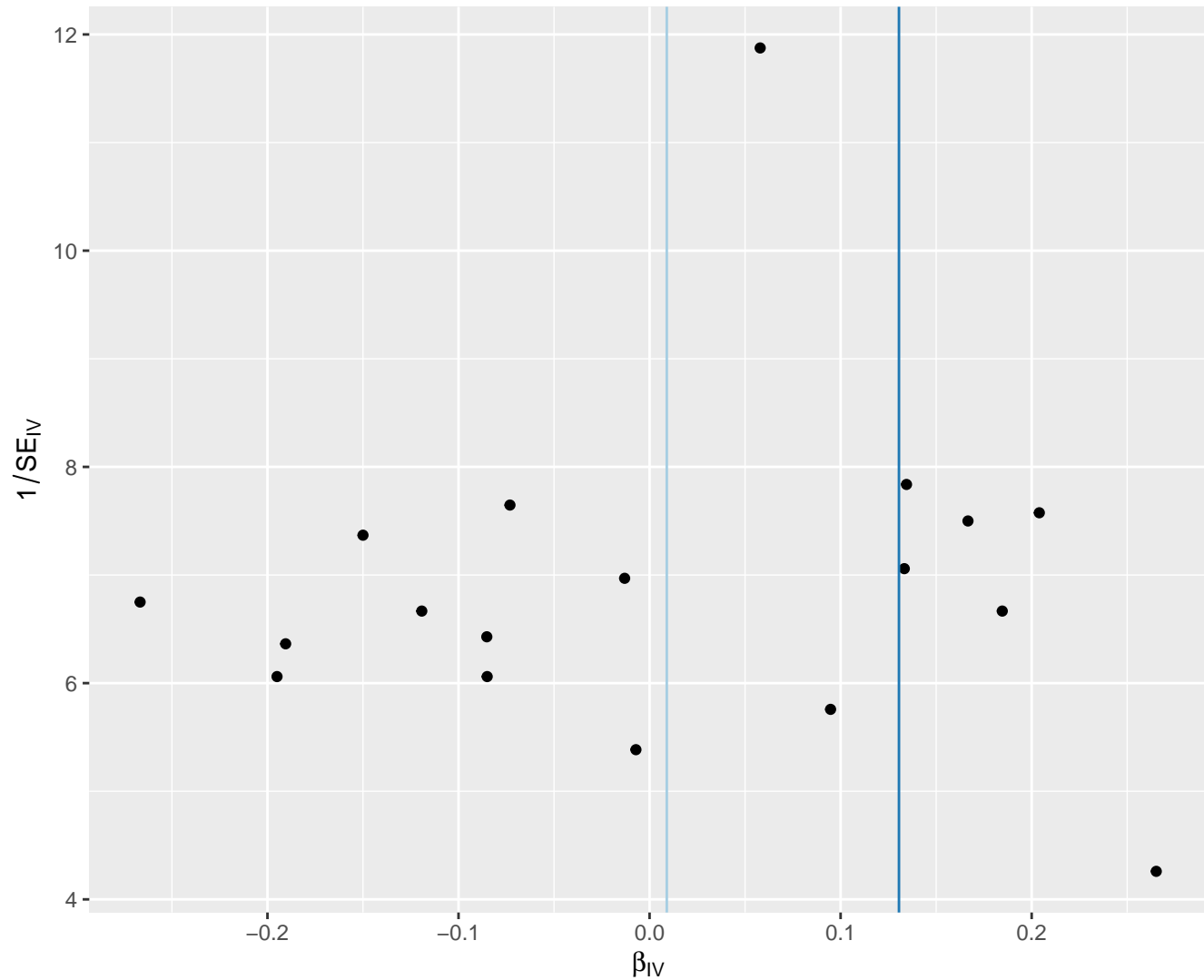
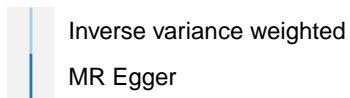
# Ursodeoxycholate

MR Method



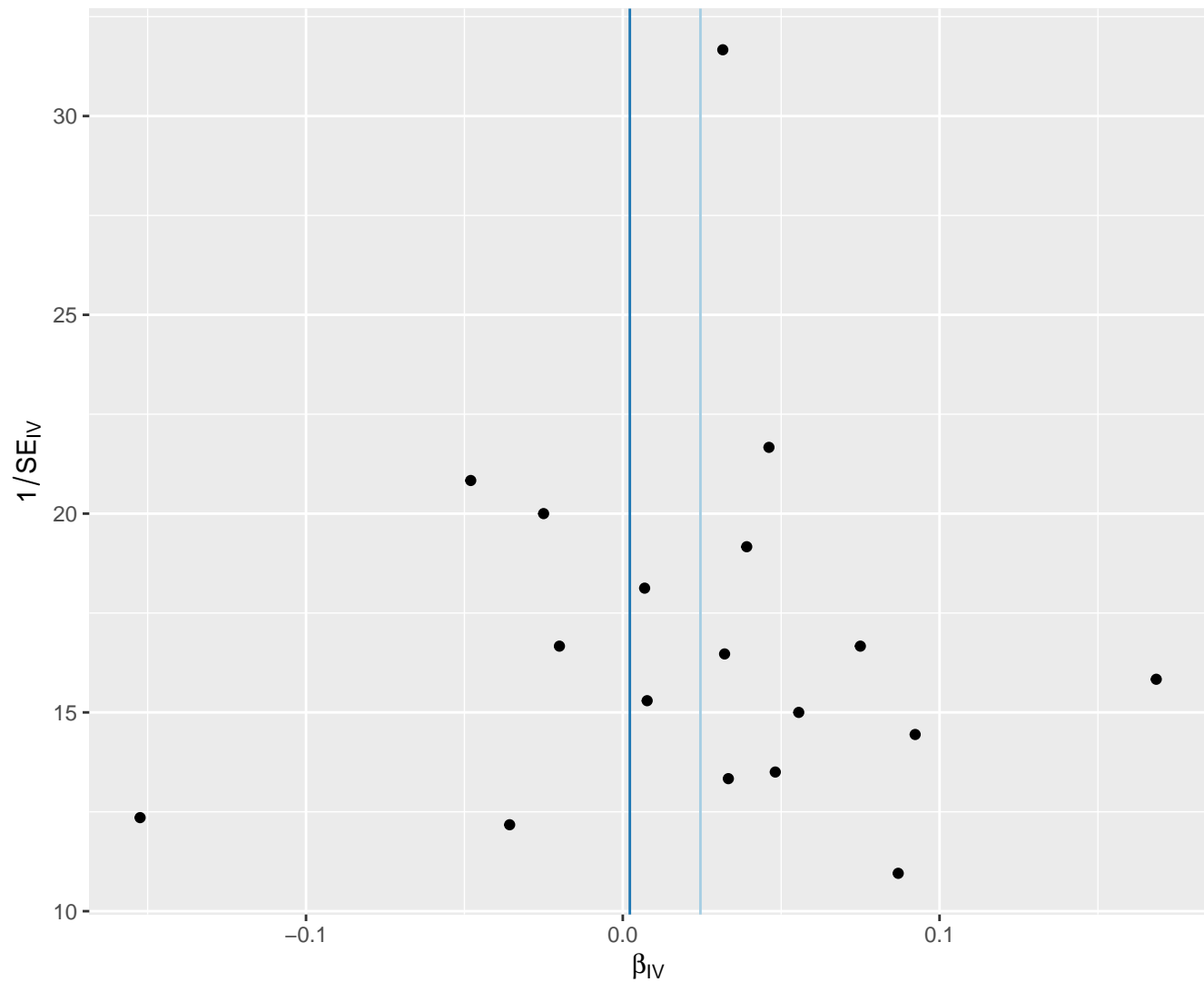
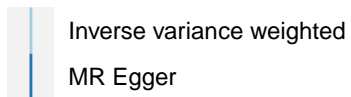
# Valerate

## MR Method



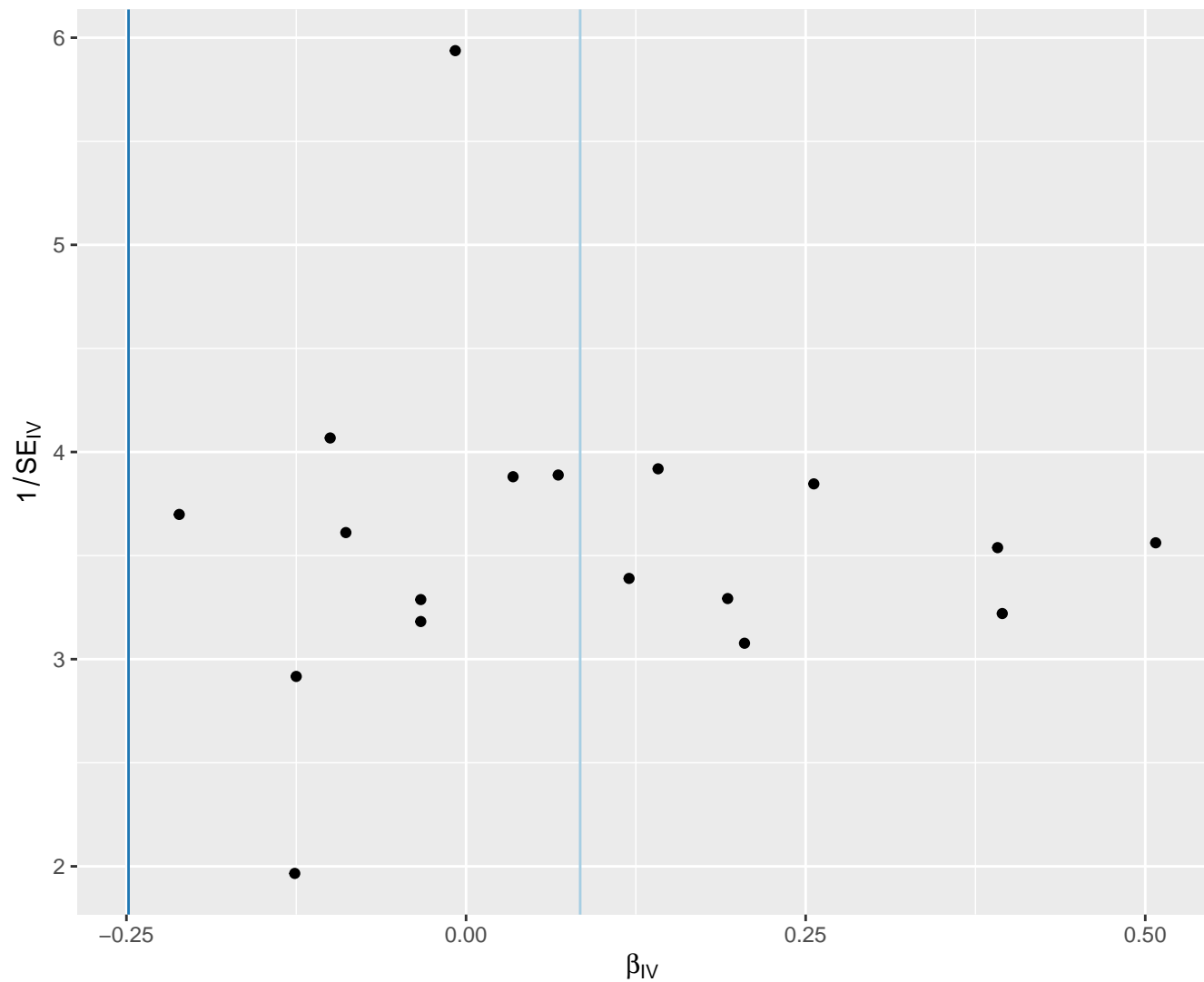
# Valine

## MR Method



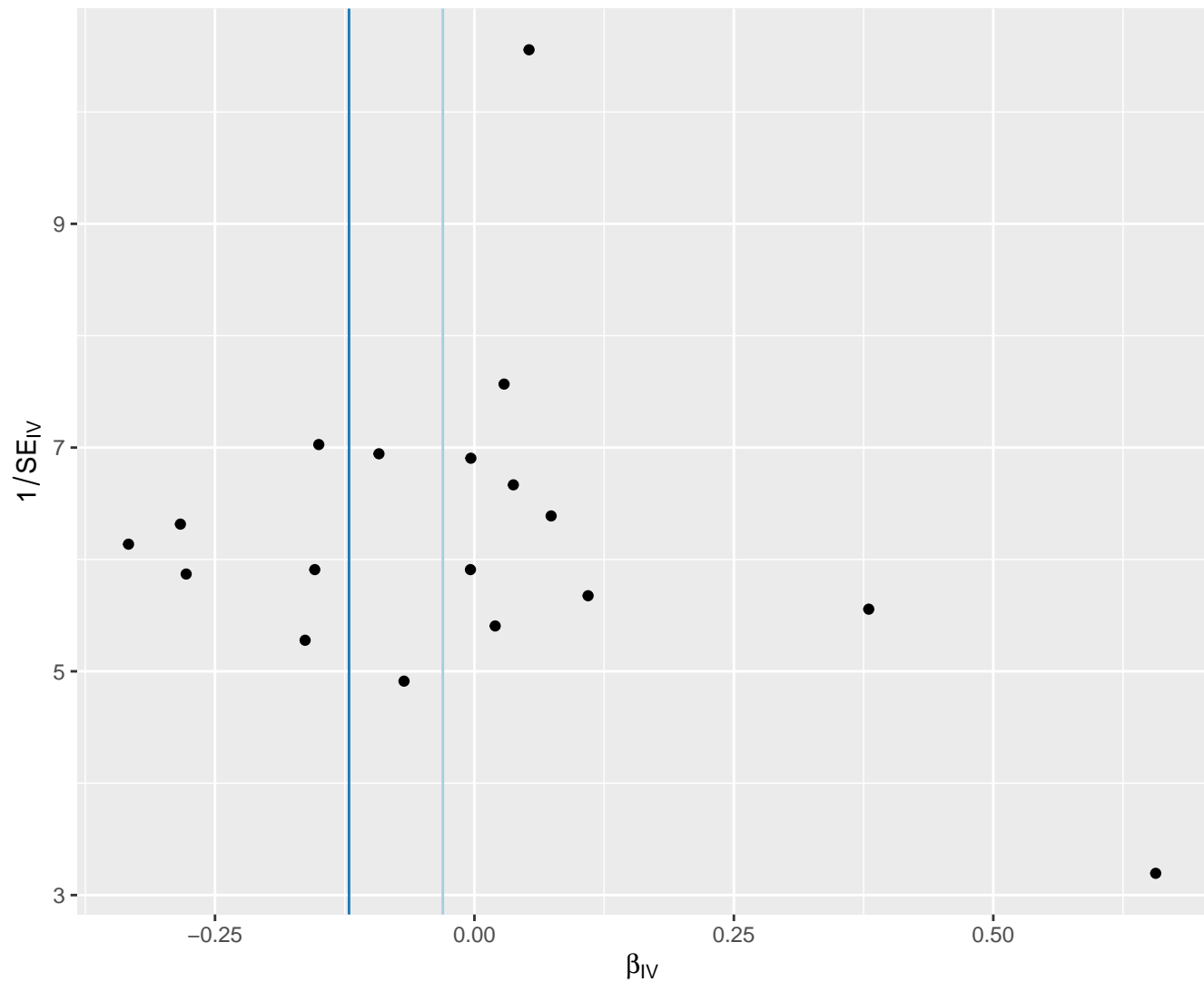
X-01911

MR Method



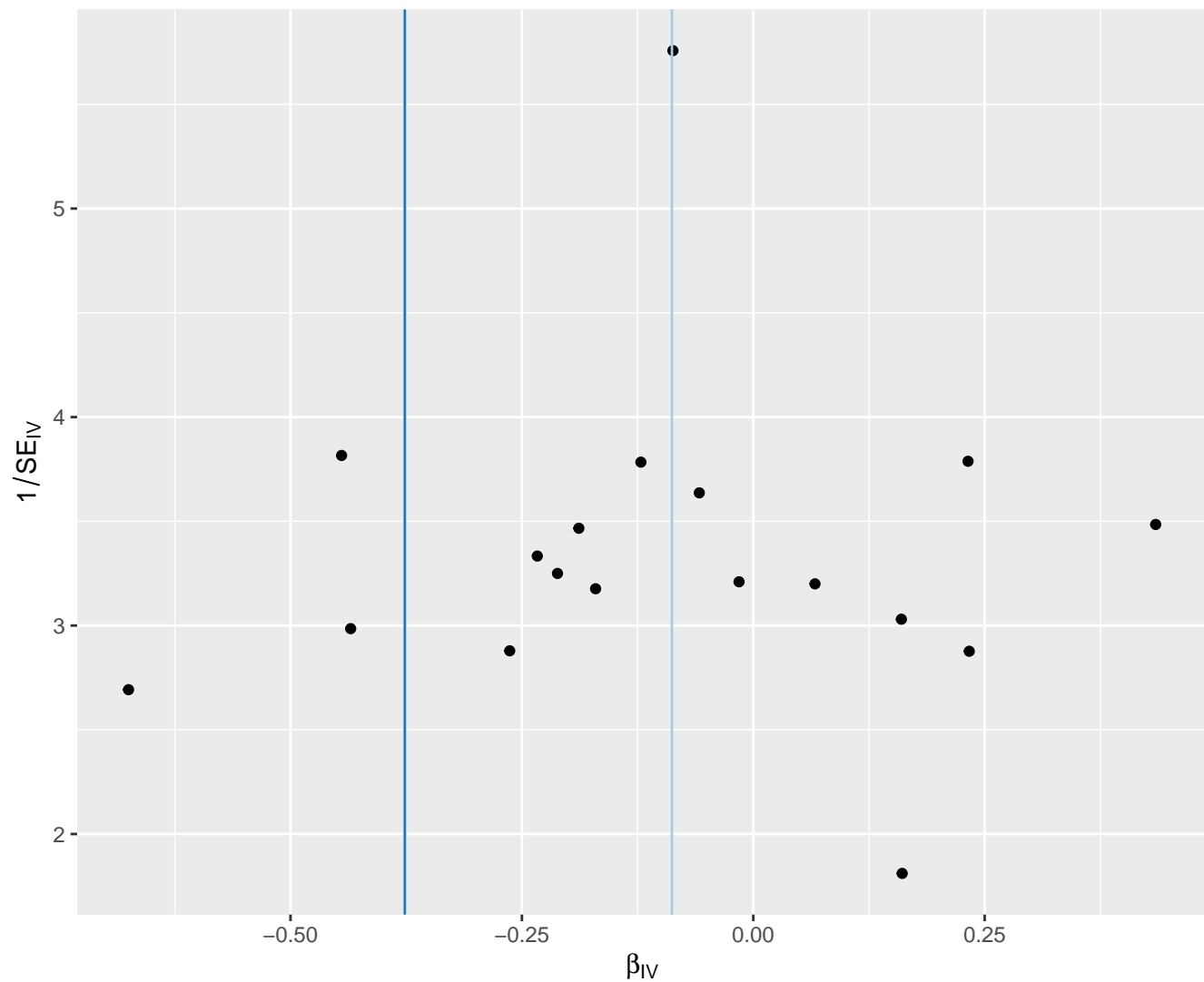
X-02249

MR Method



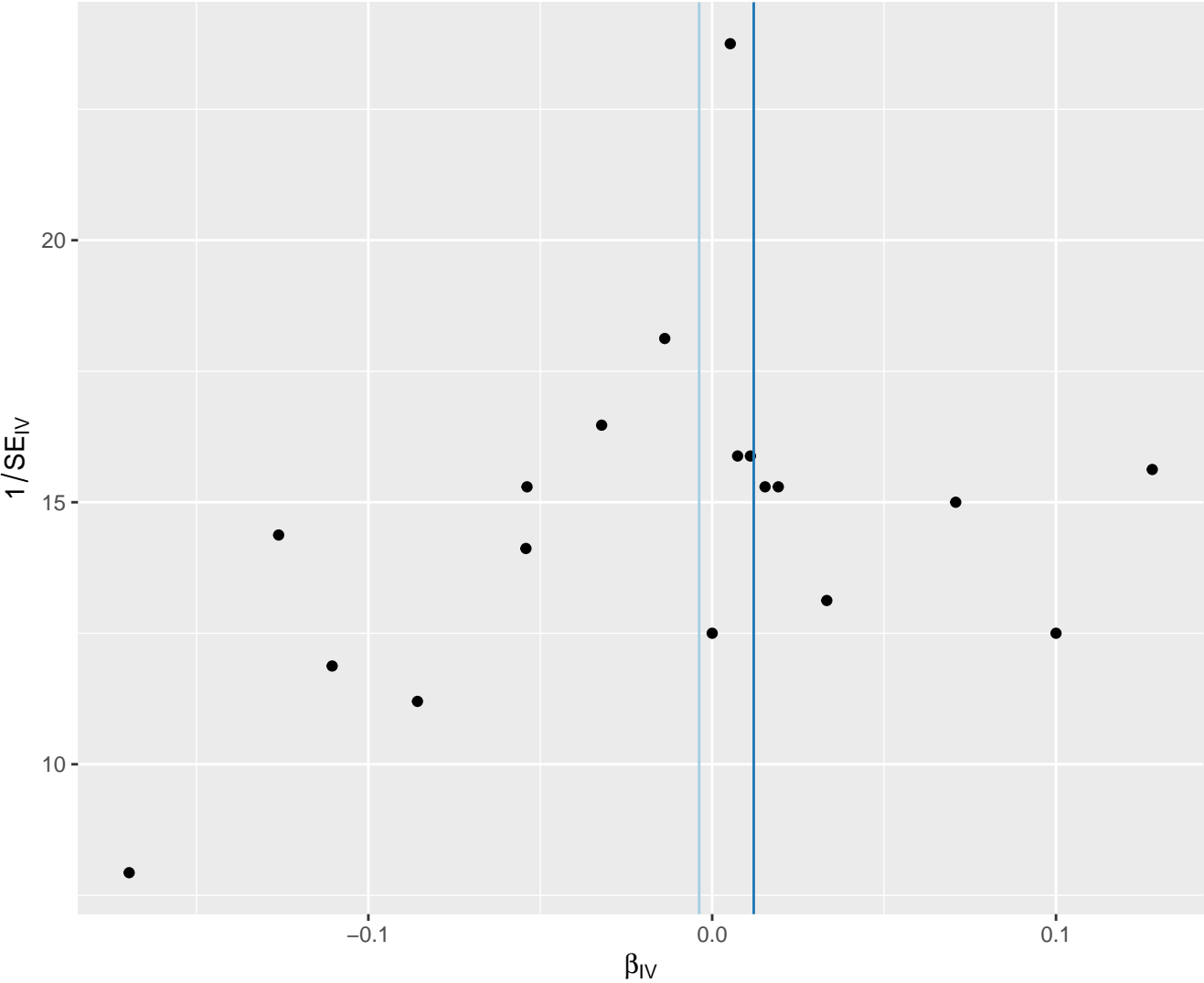
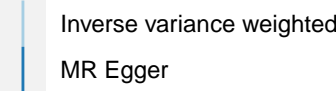
X-02269

MR Method



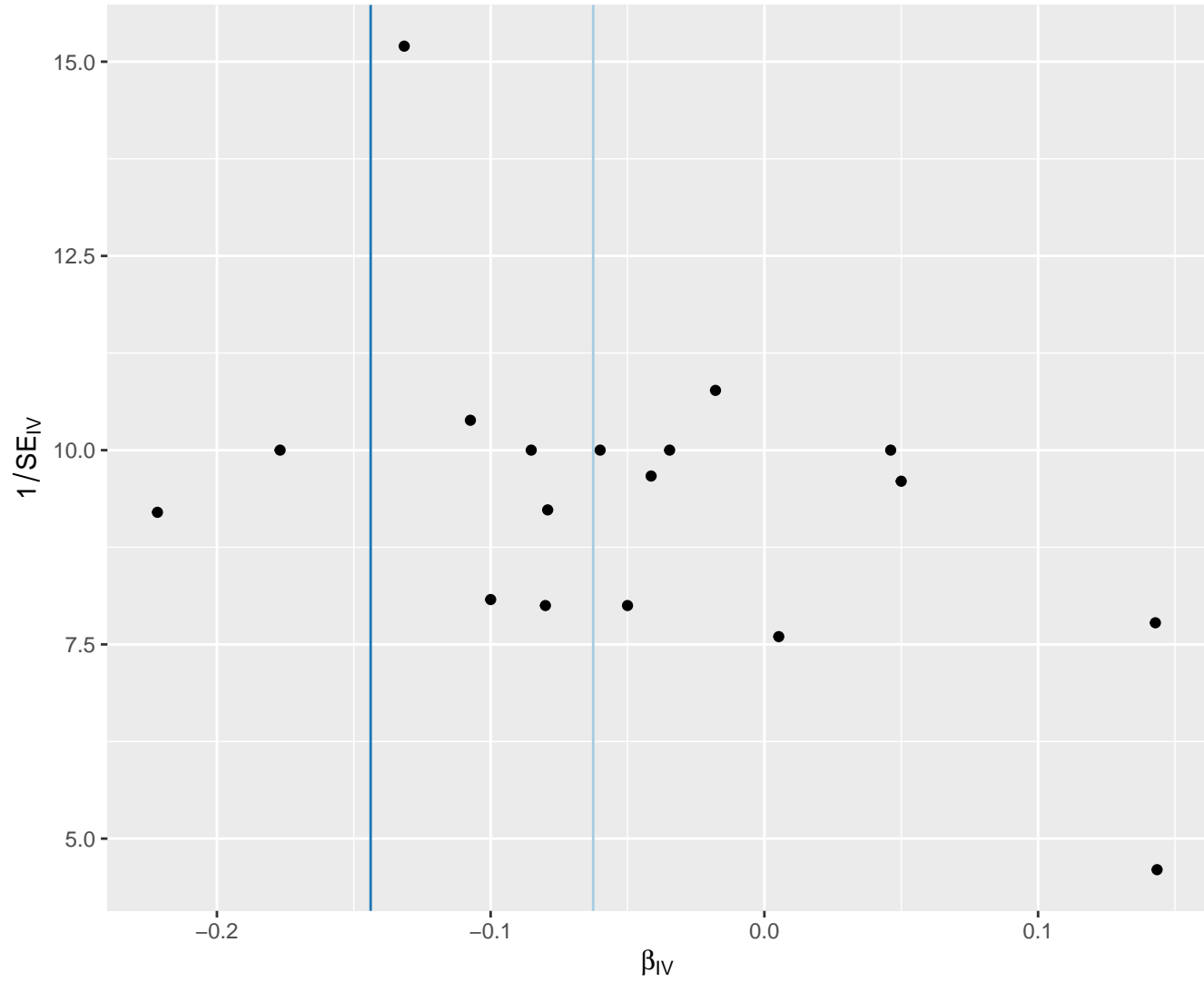
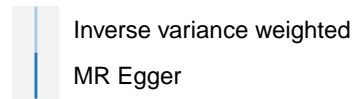
X-02973

MR Method



X-03003

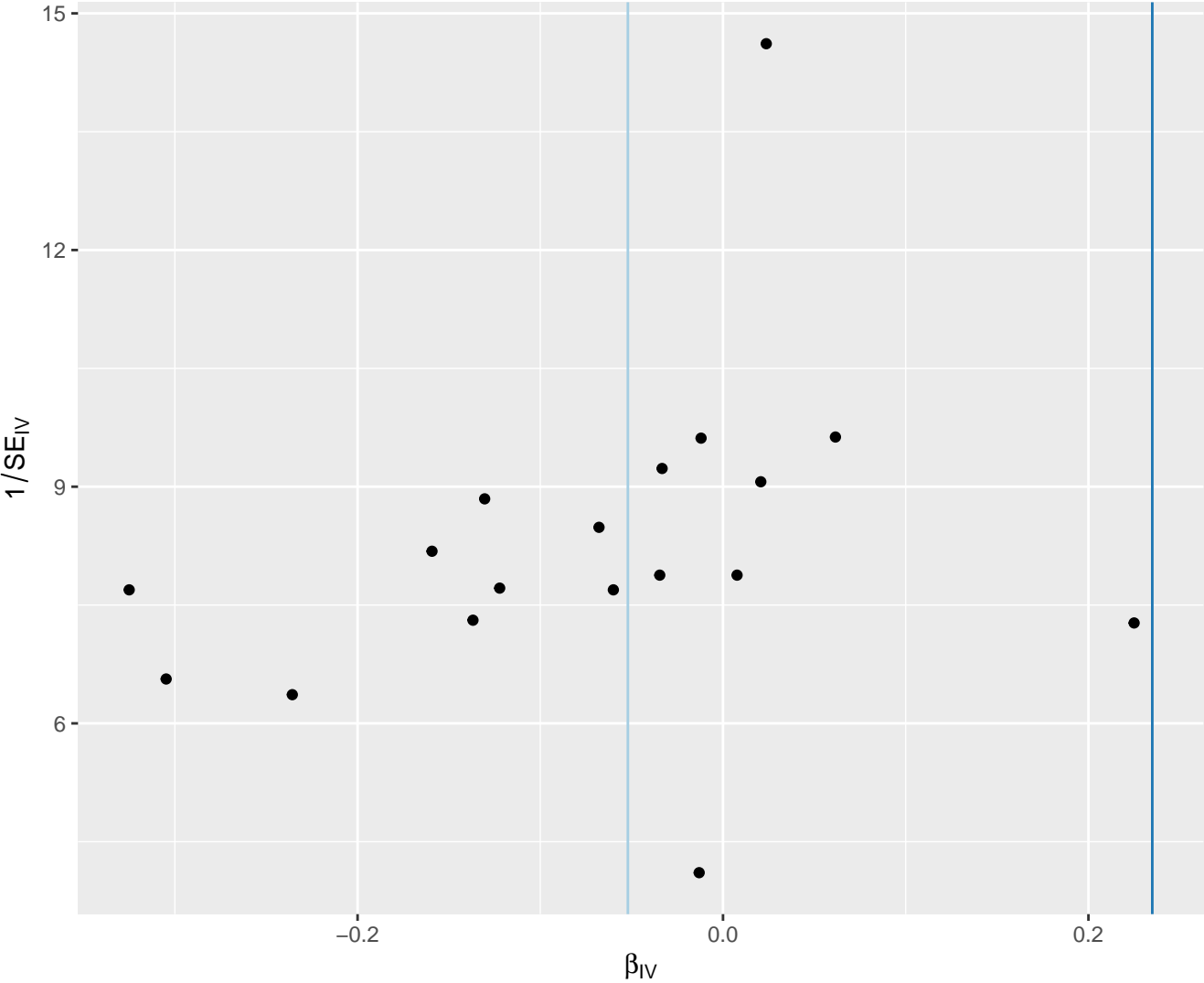
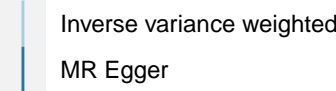
MR Method





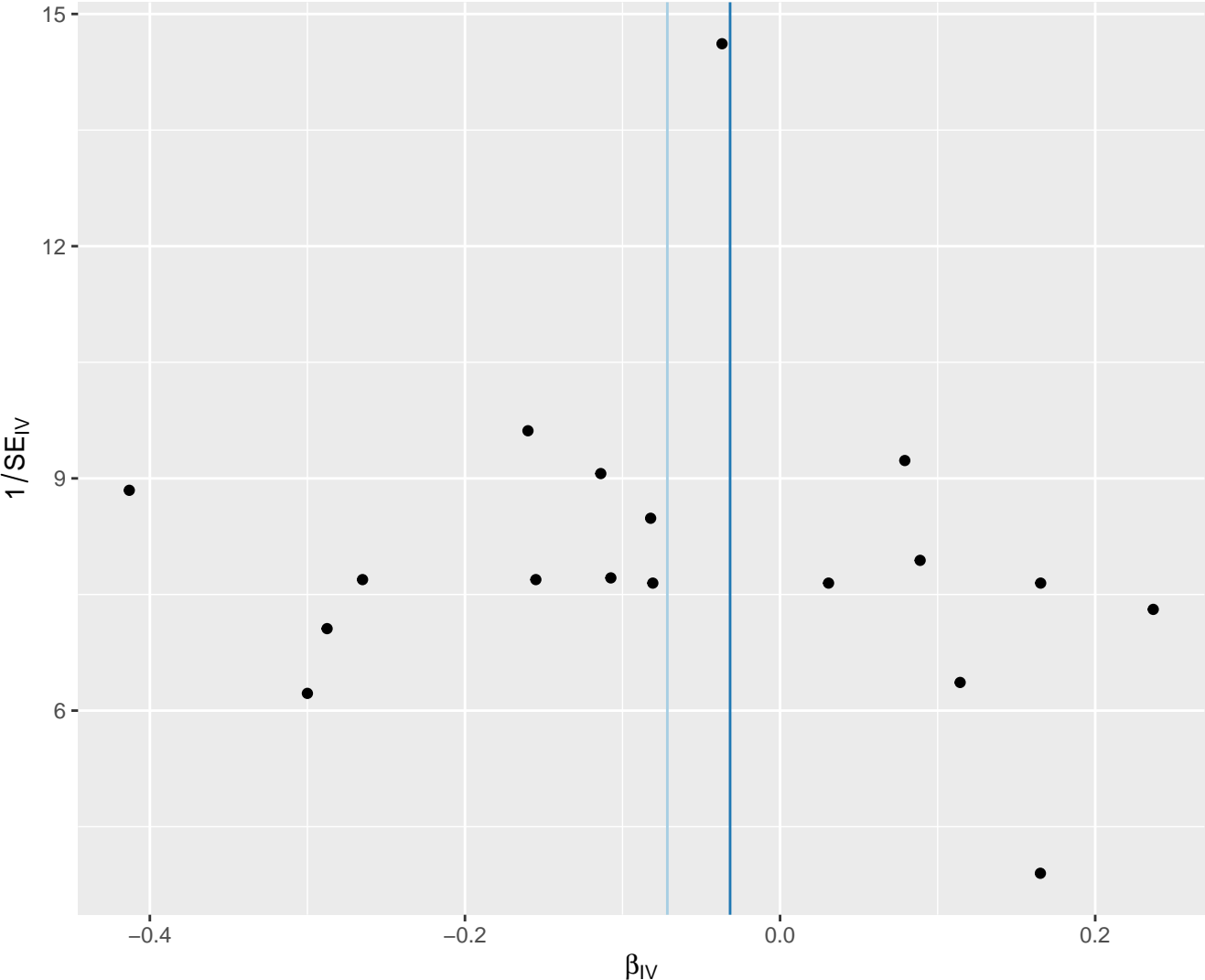
X-03056--N-[3-(2-Oxopyrrolidin-1-yl)propyl]acetamide

MR Method



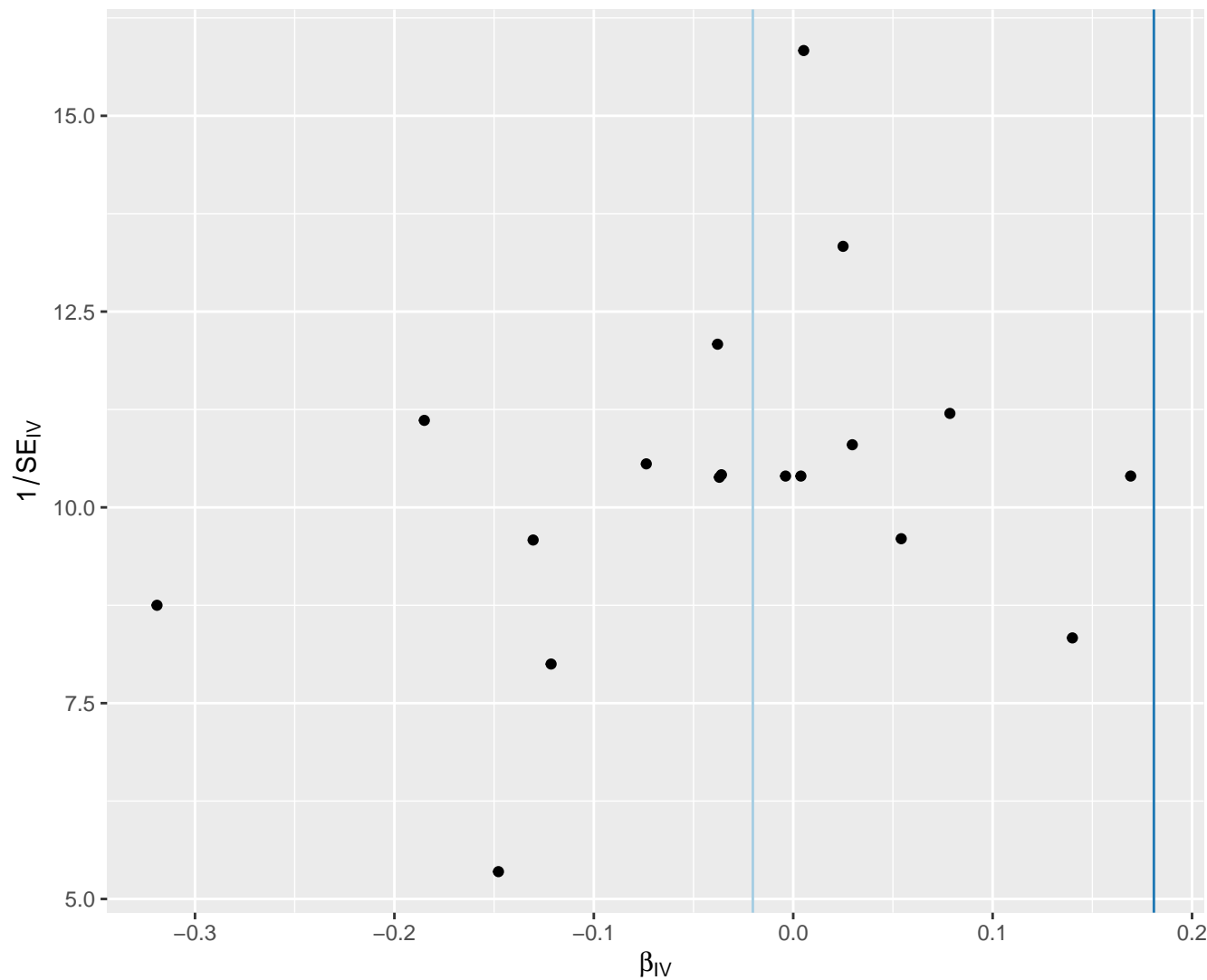
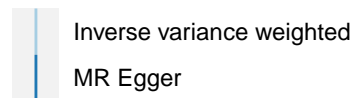
X-03088

MR Method



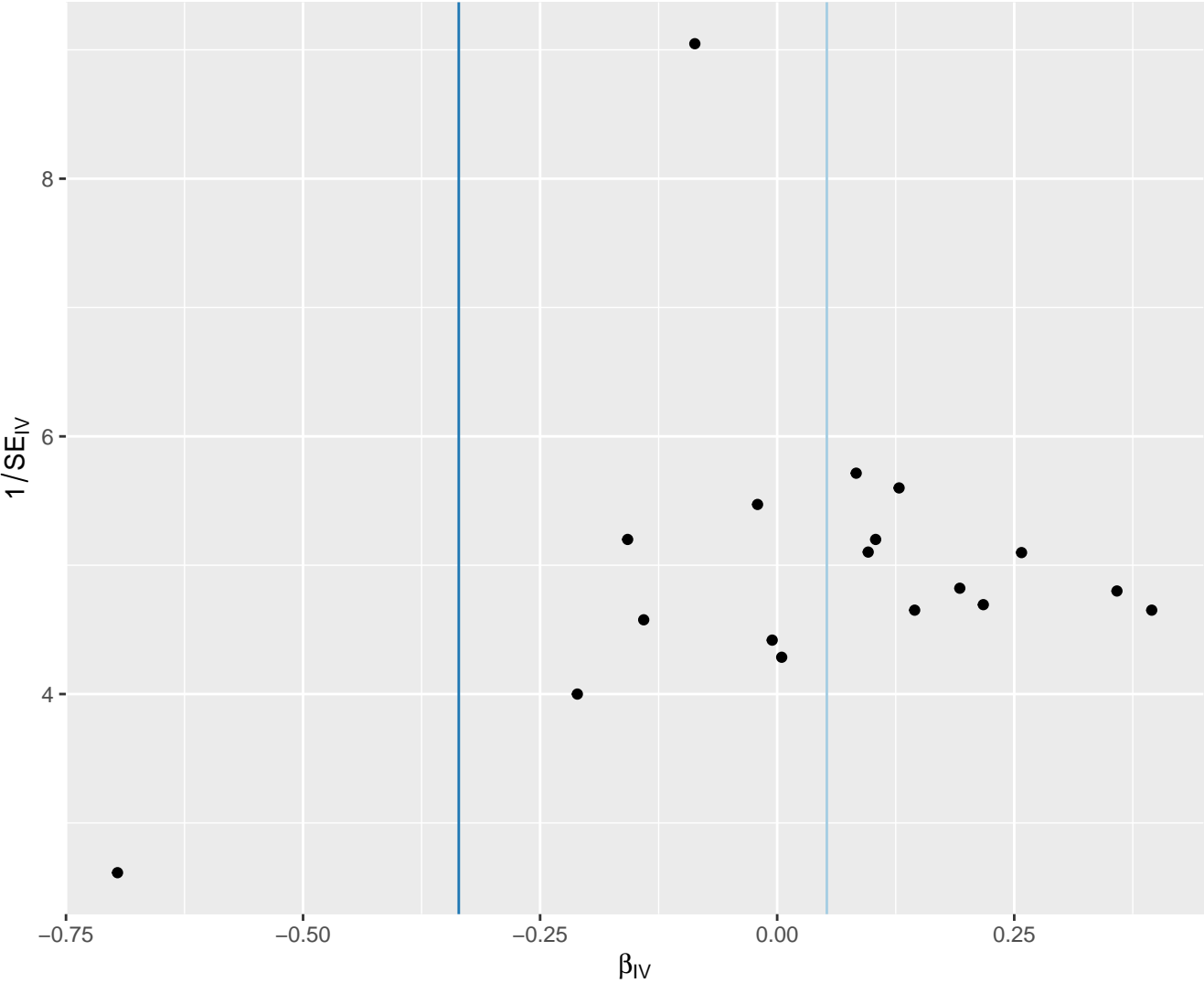
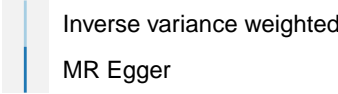
X-03094

MR Method



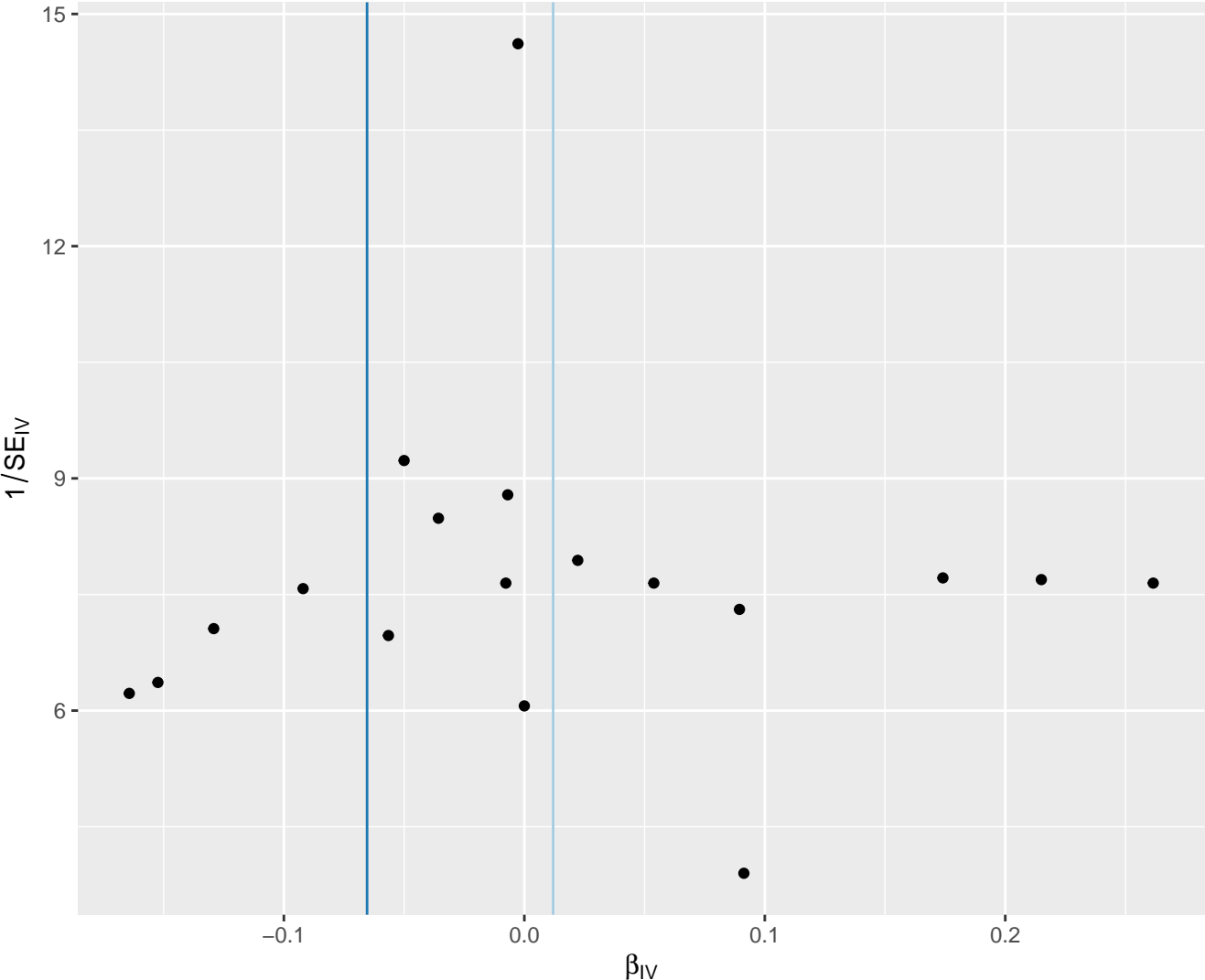
X-04357

MR Method



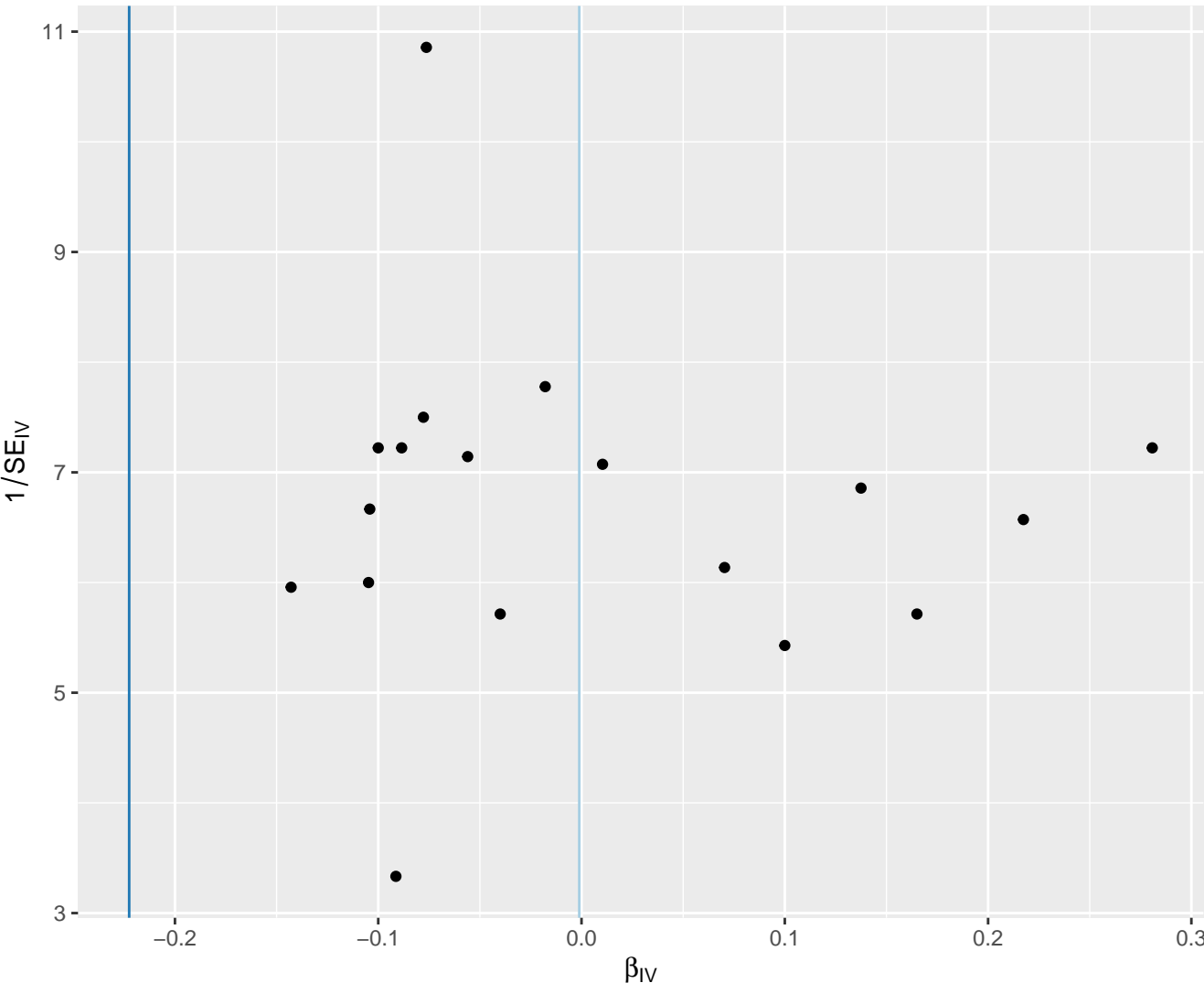
X-04494

MR Method



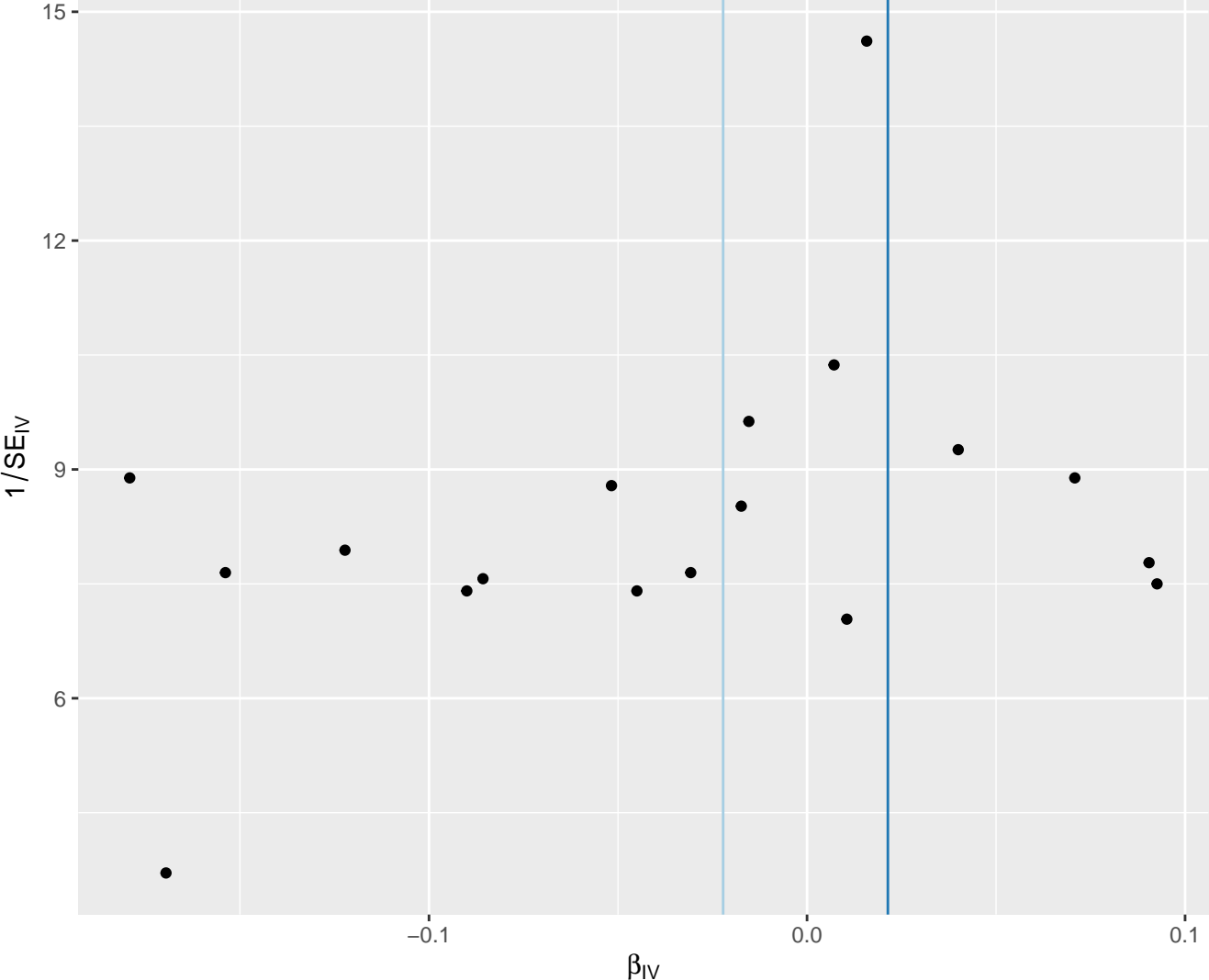
X-04495

MR Method



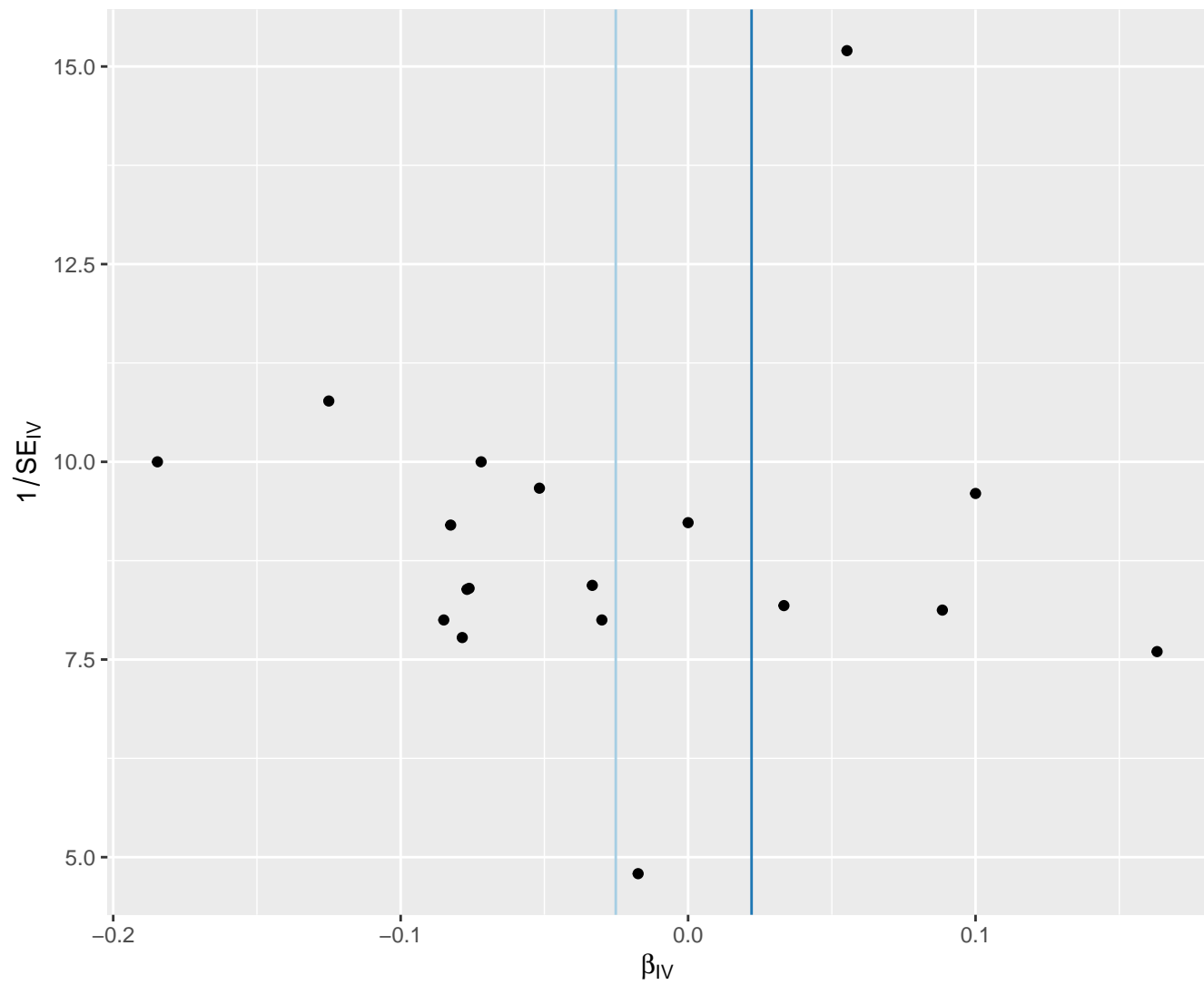
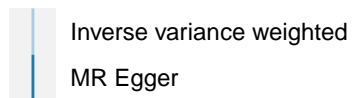
X-04498

MR Method



# X-04499--3,4-dihydroxybutyrate

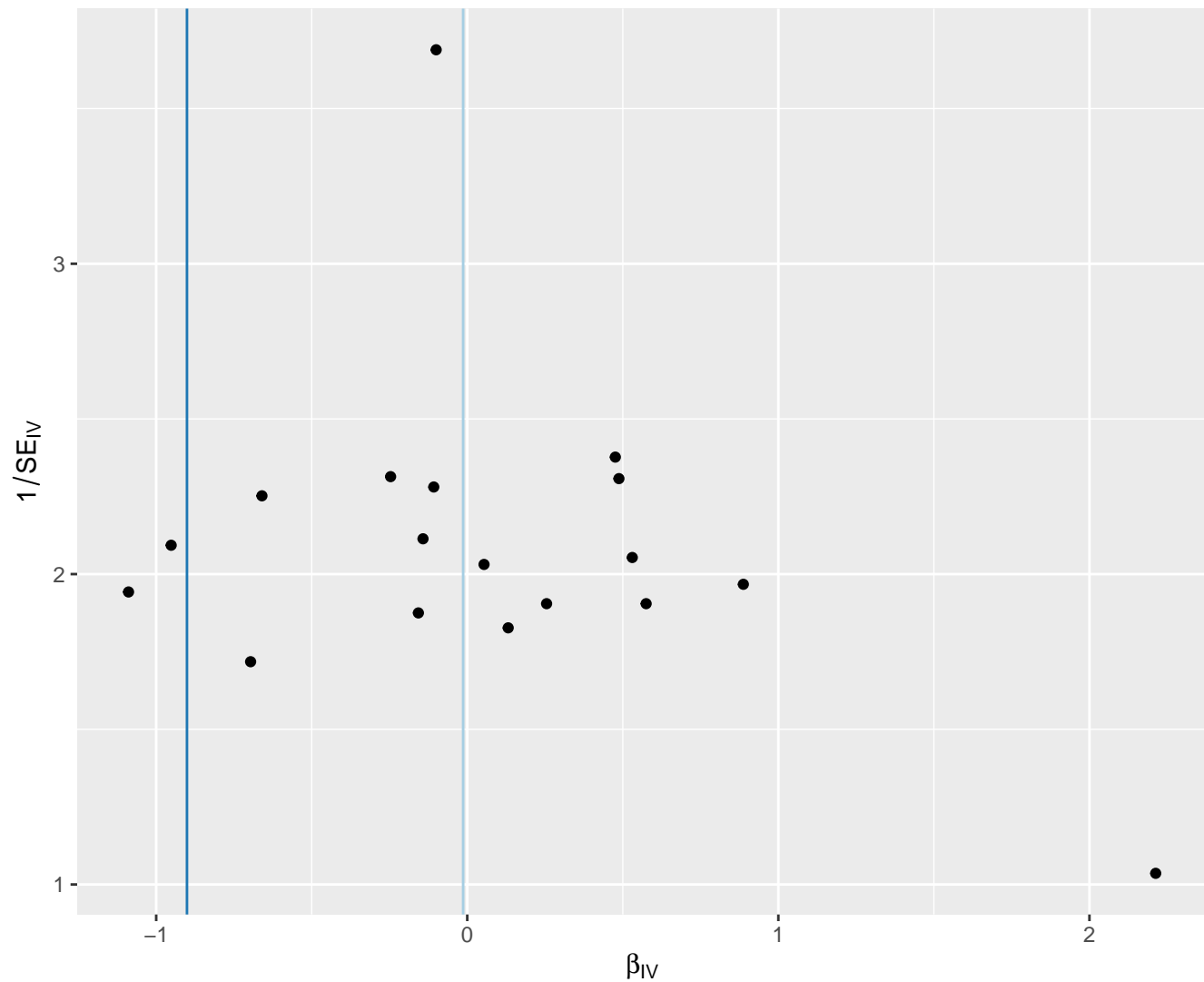
MR Method





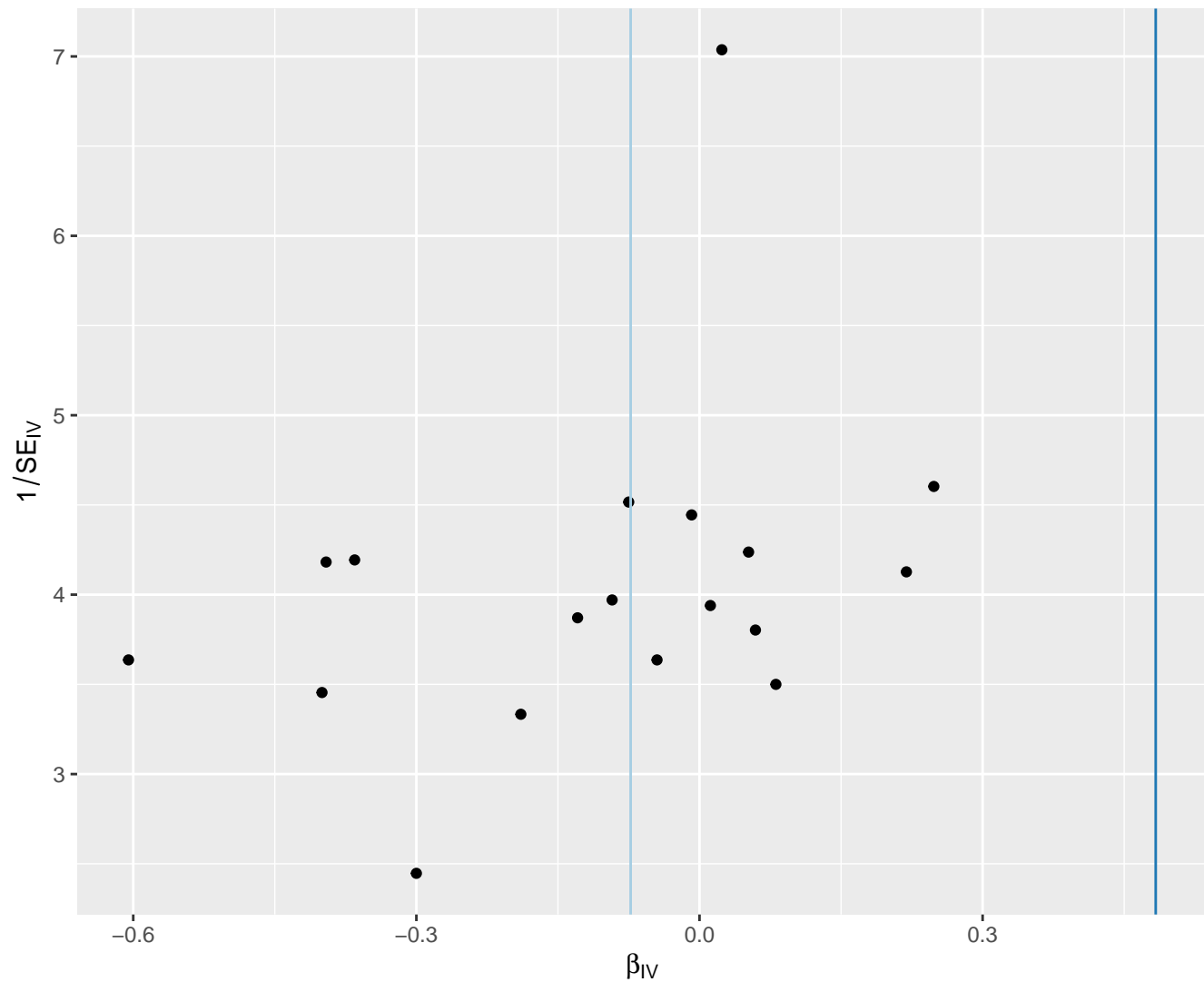
X-04500

MR Method



X-05426

MR Method



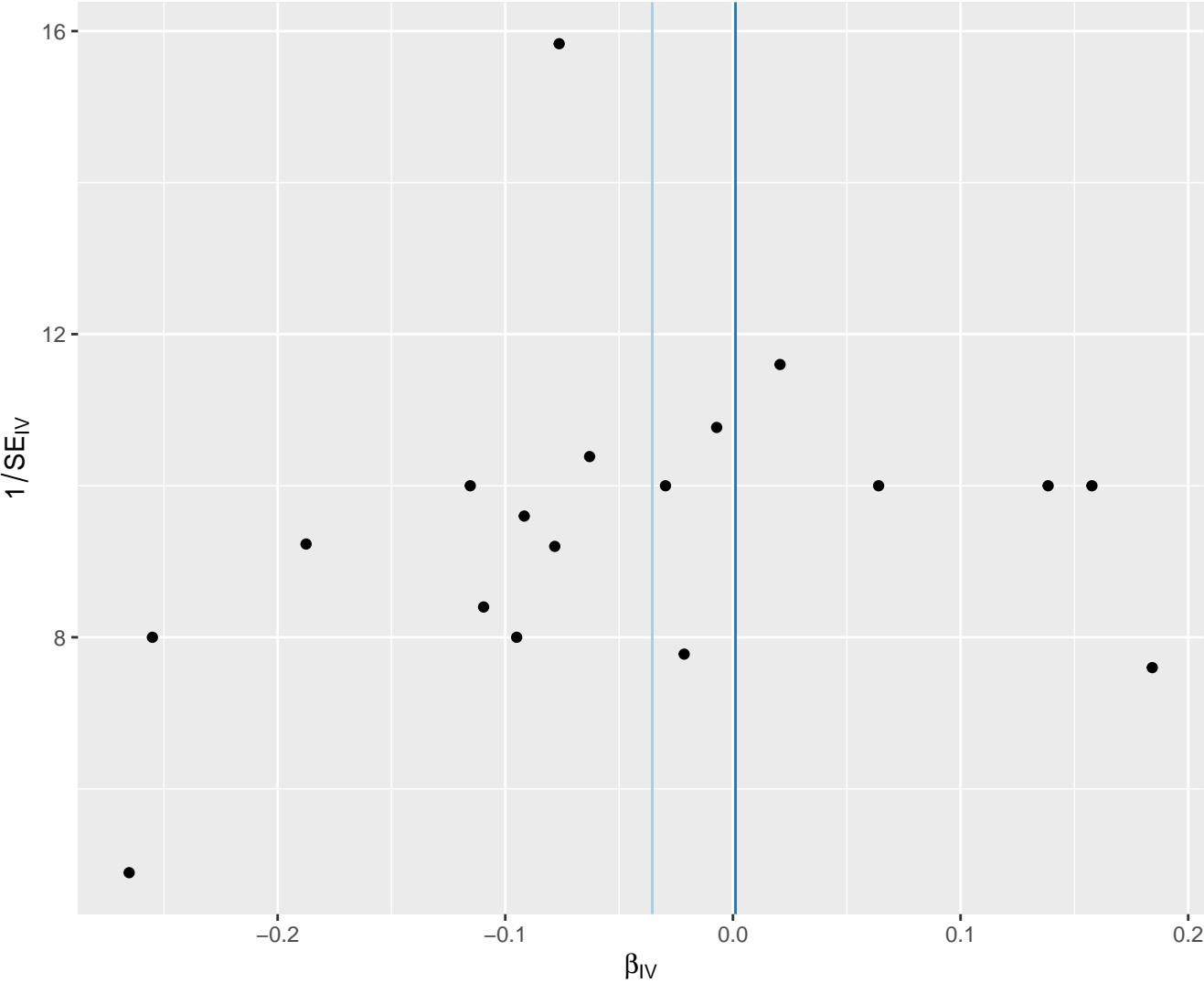
X-05907

MR Method



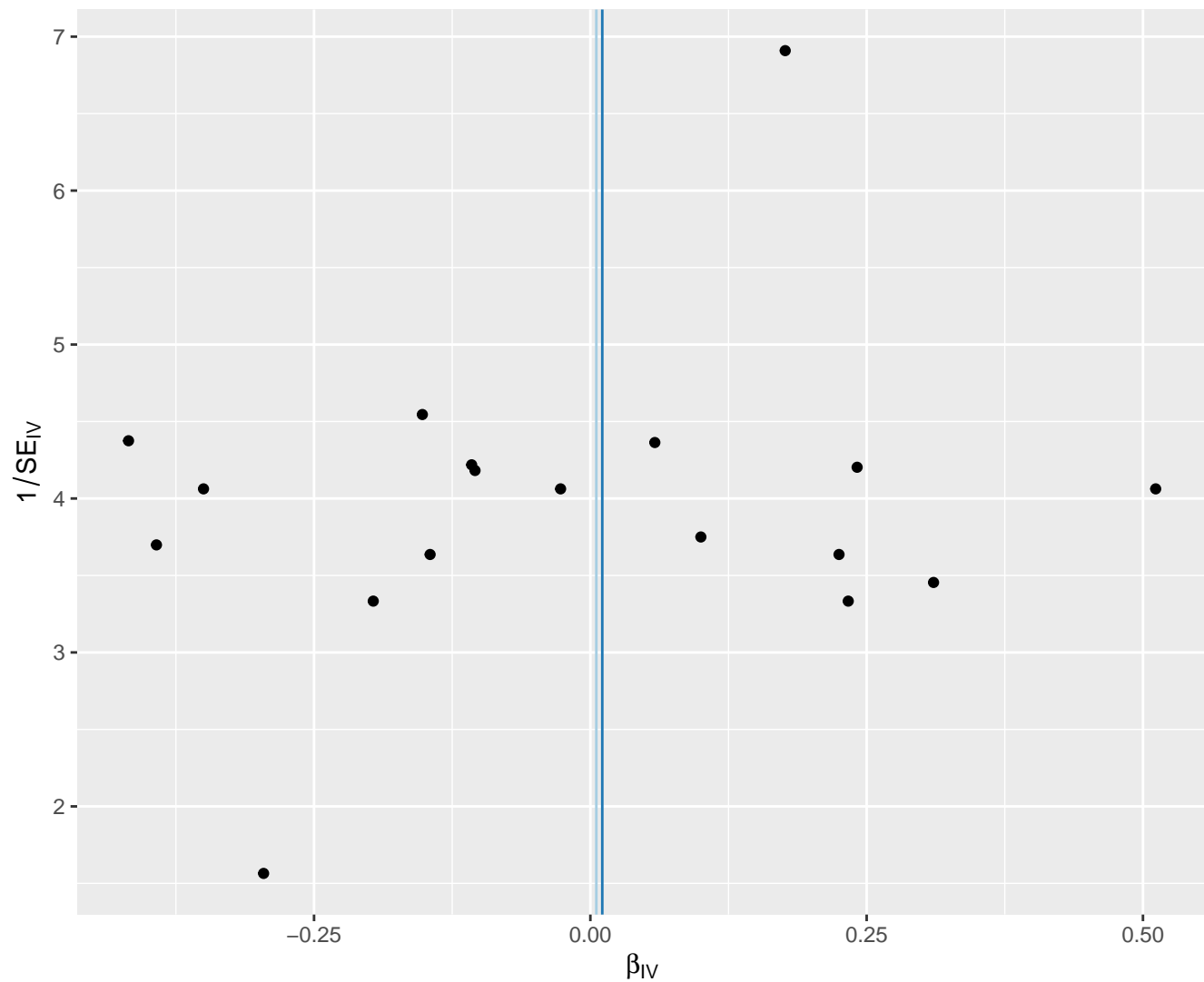
Inverse variance weighted

MR Egger



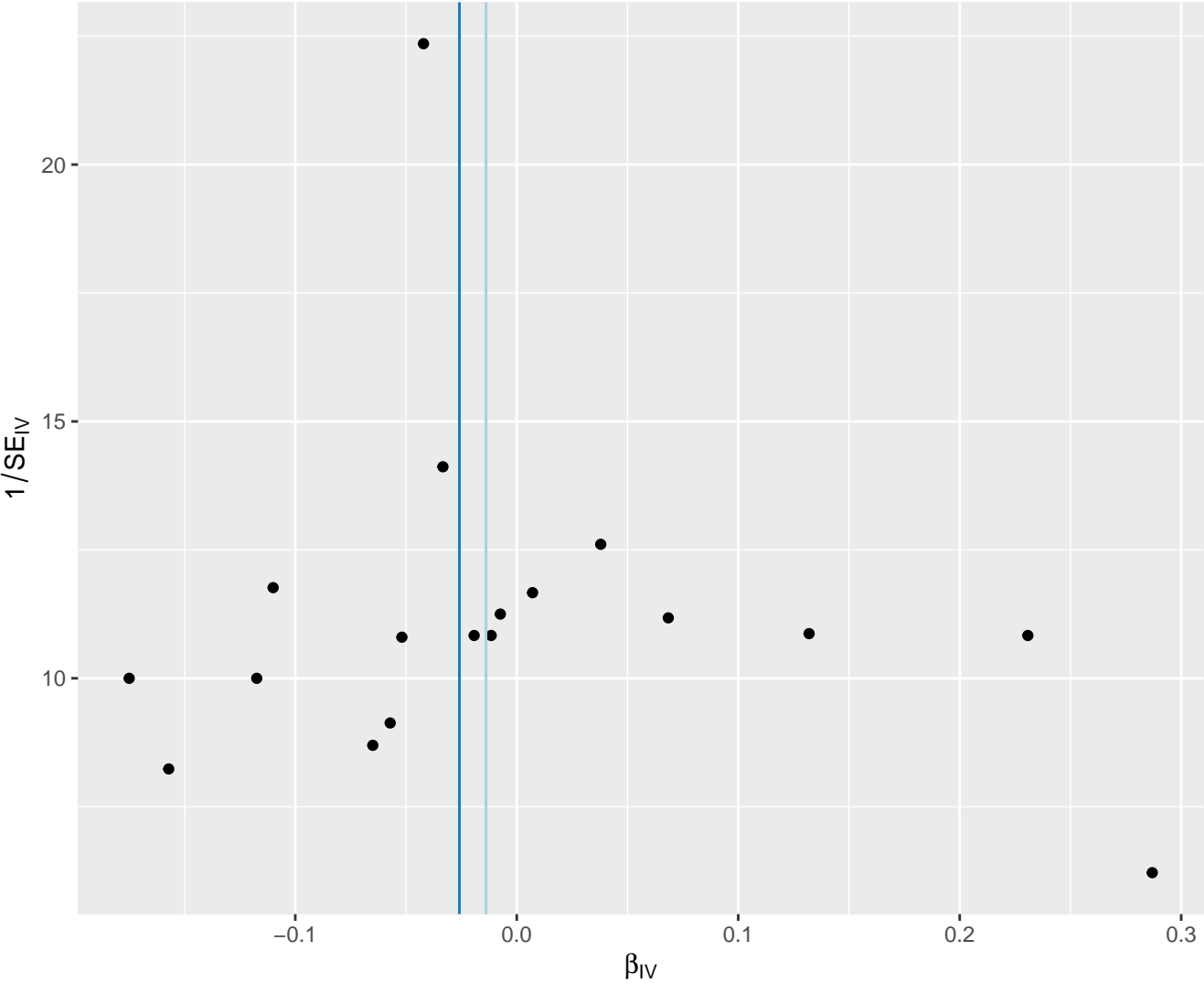
X-06126

MR Method



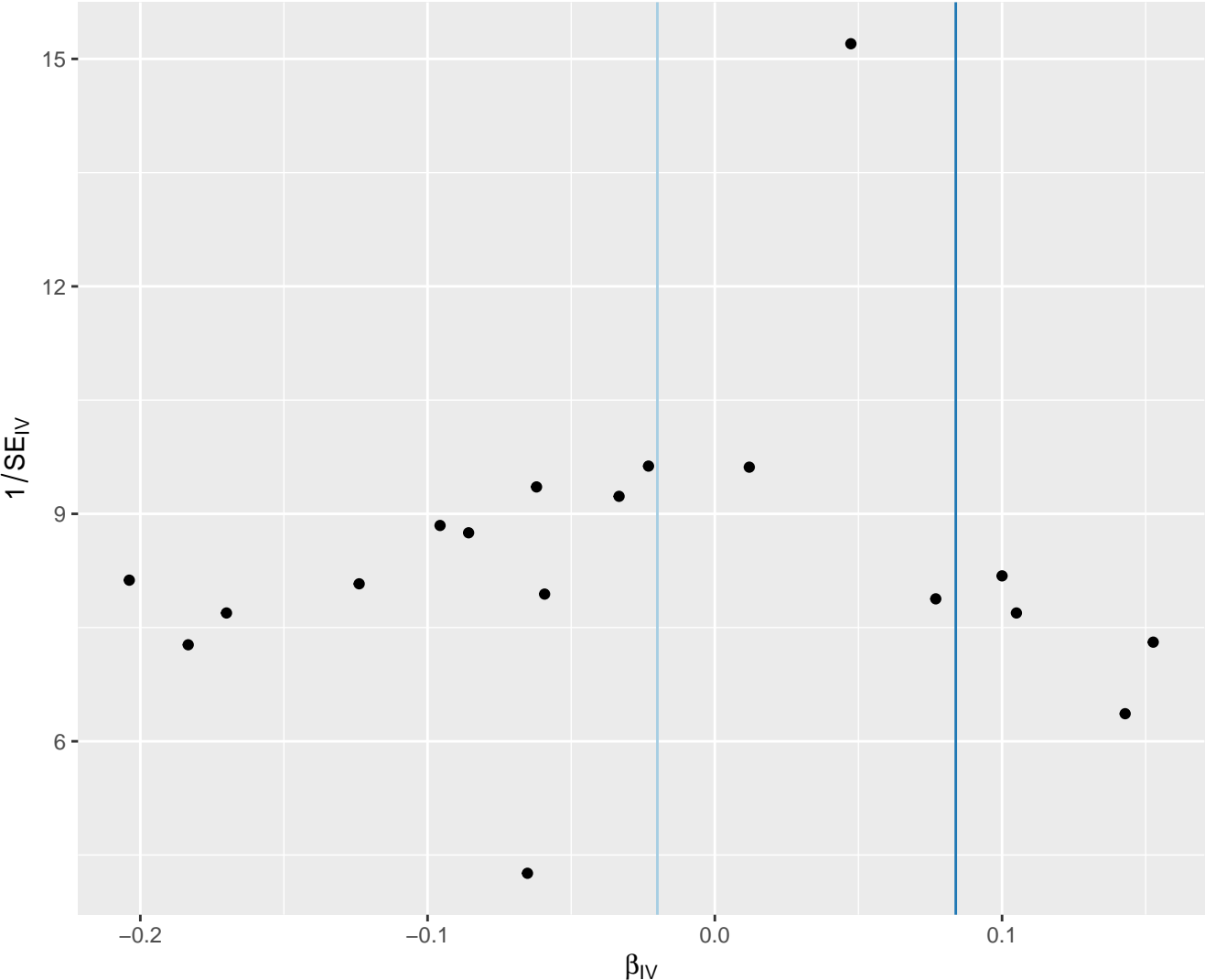
X-06226

MR Method



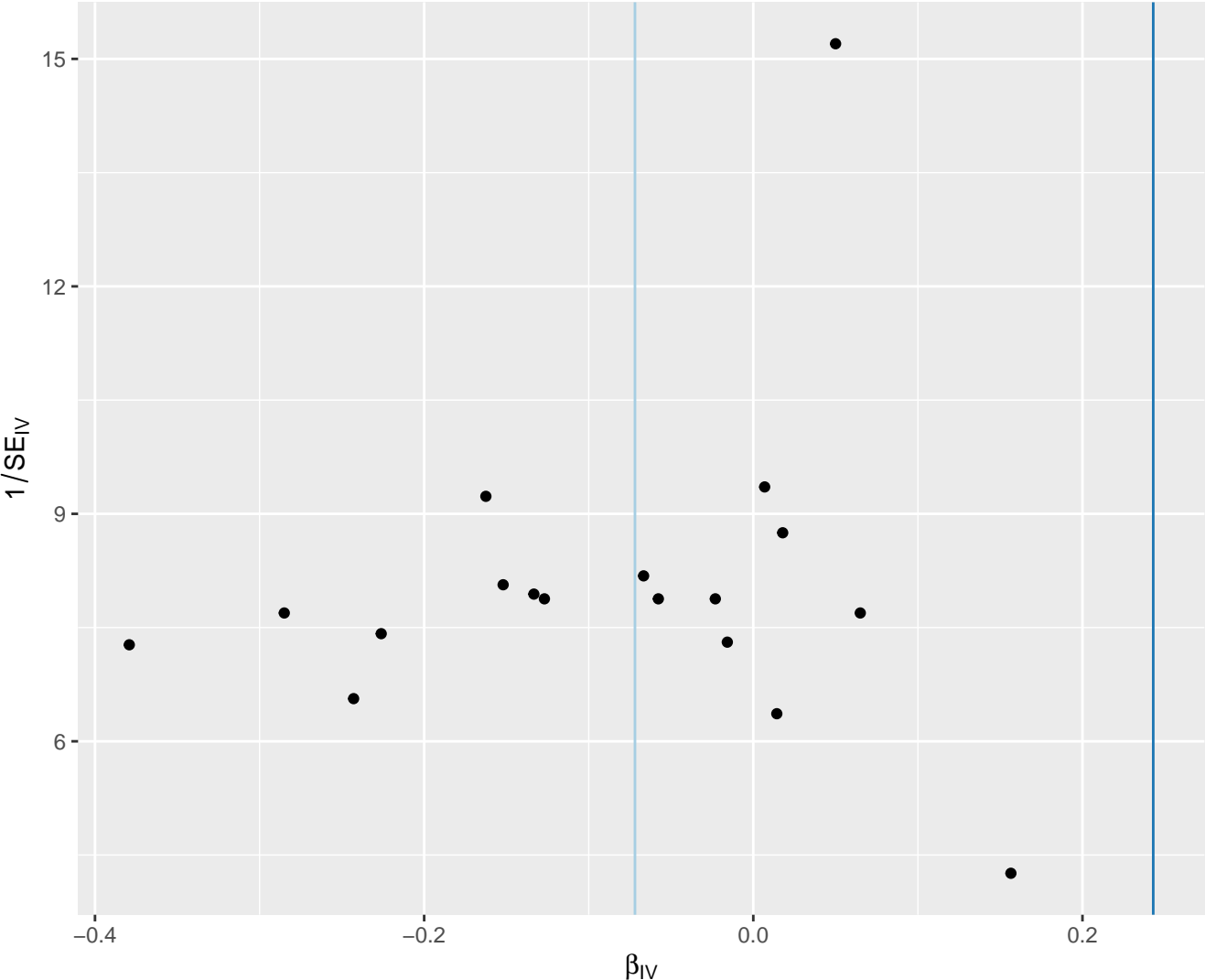
X-06246

MR Method



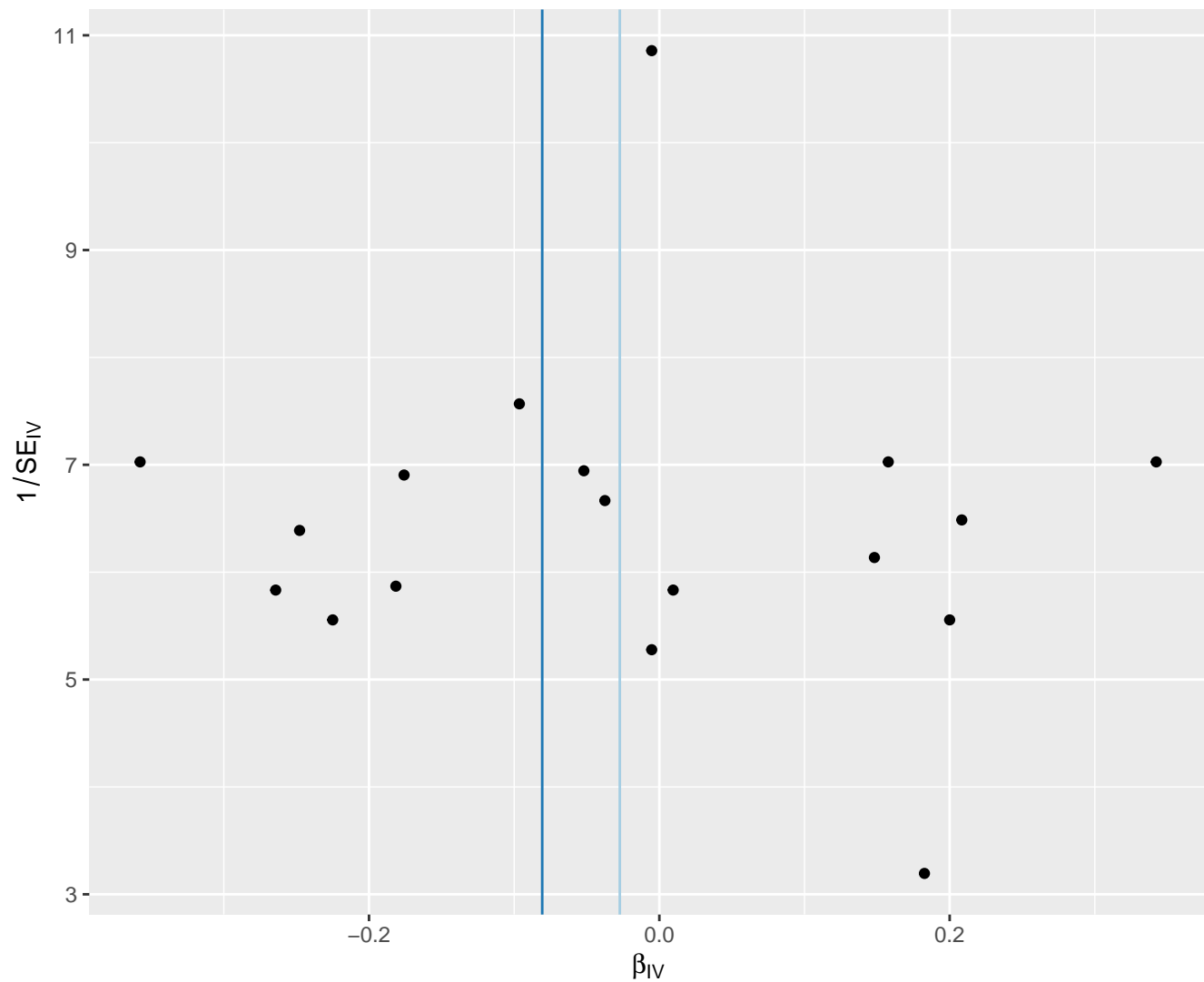
X-06267

MR Method



X-06307

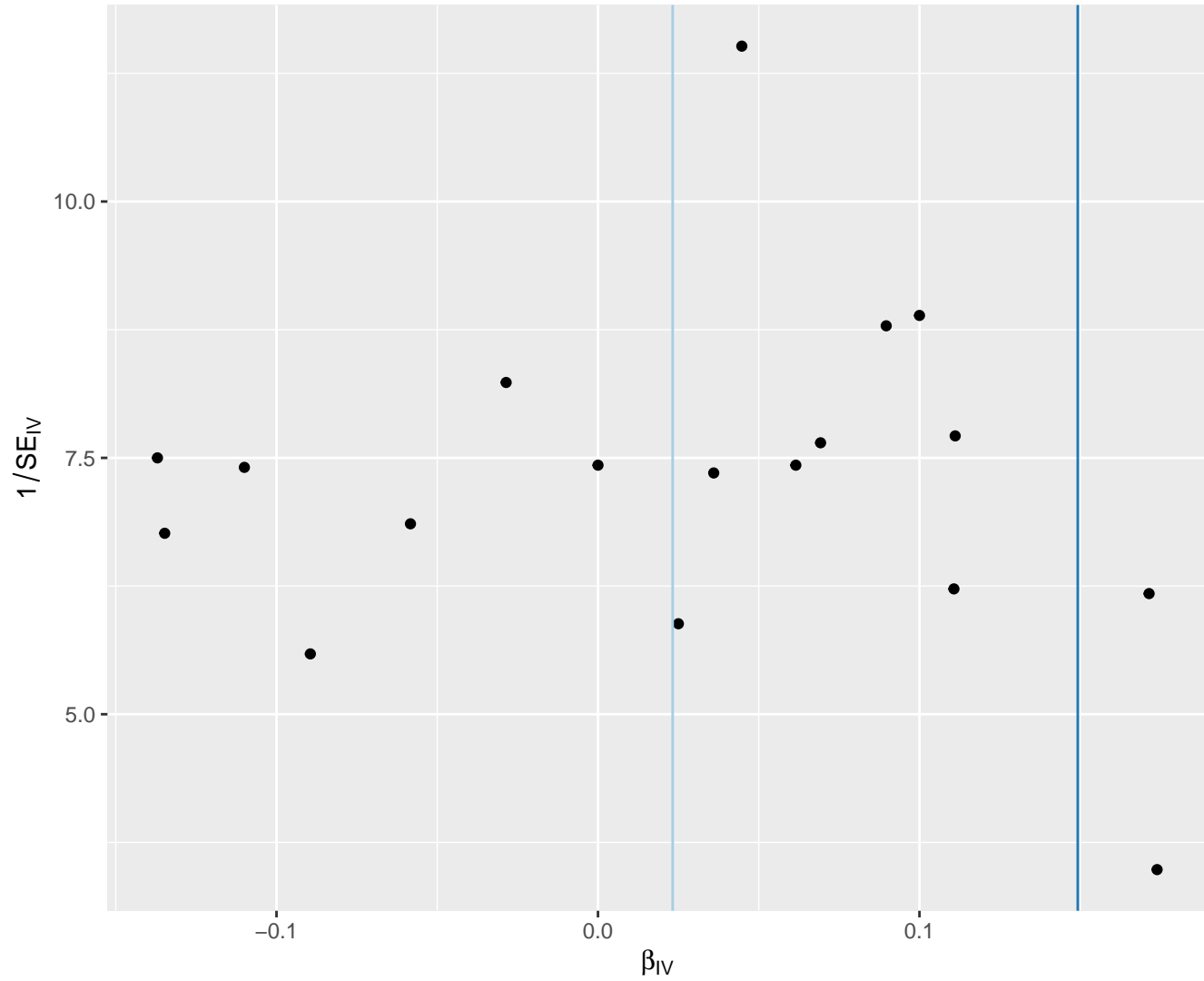
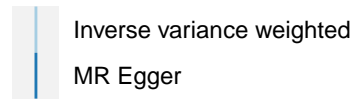
MR Method





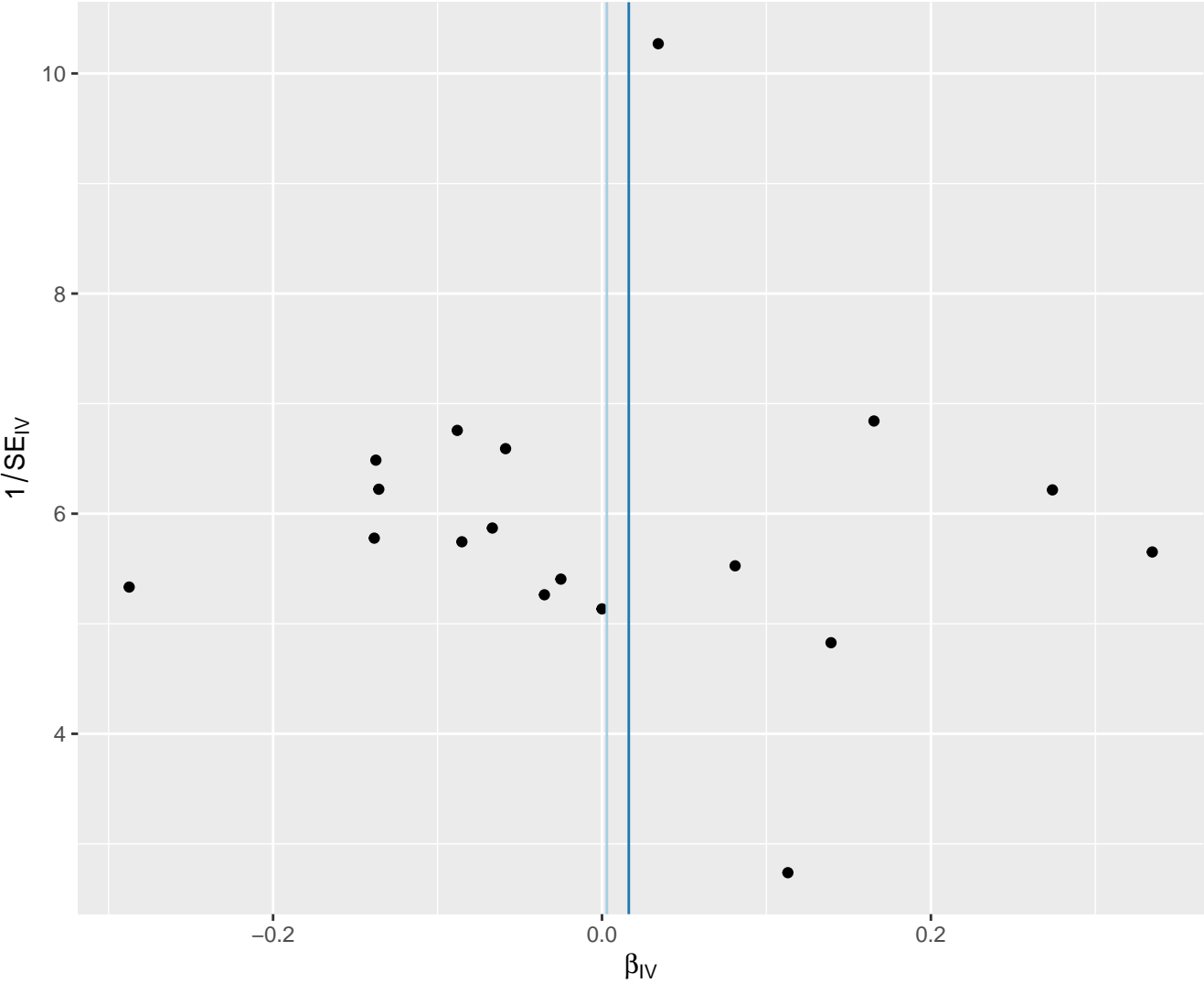
X-06350

MR Method



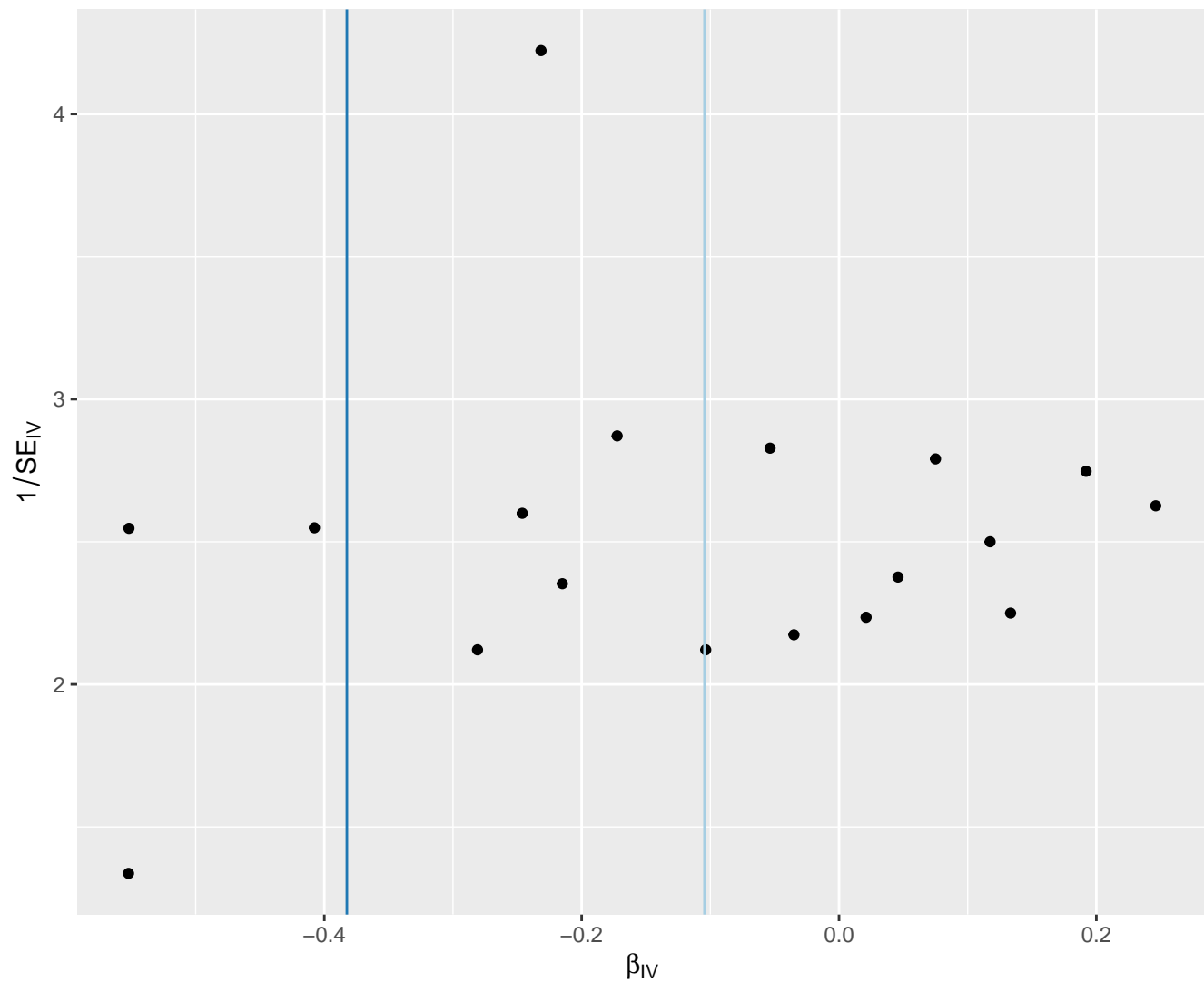
X-06351

MR Method



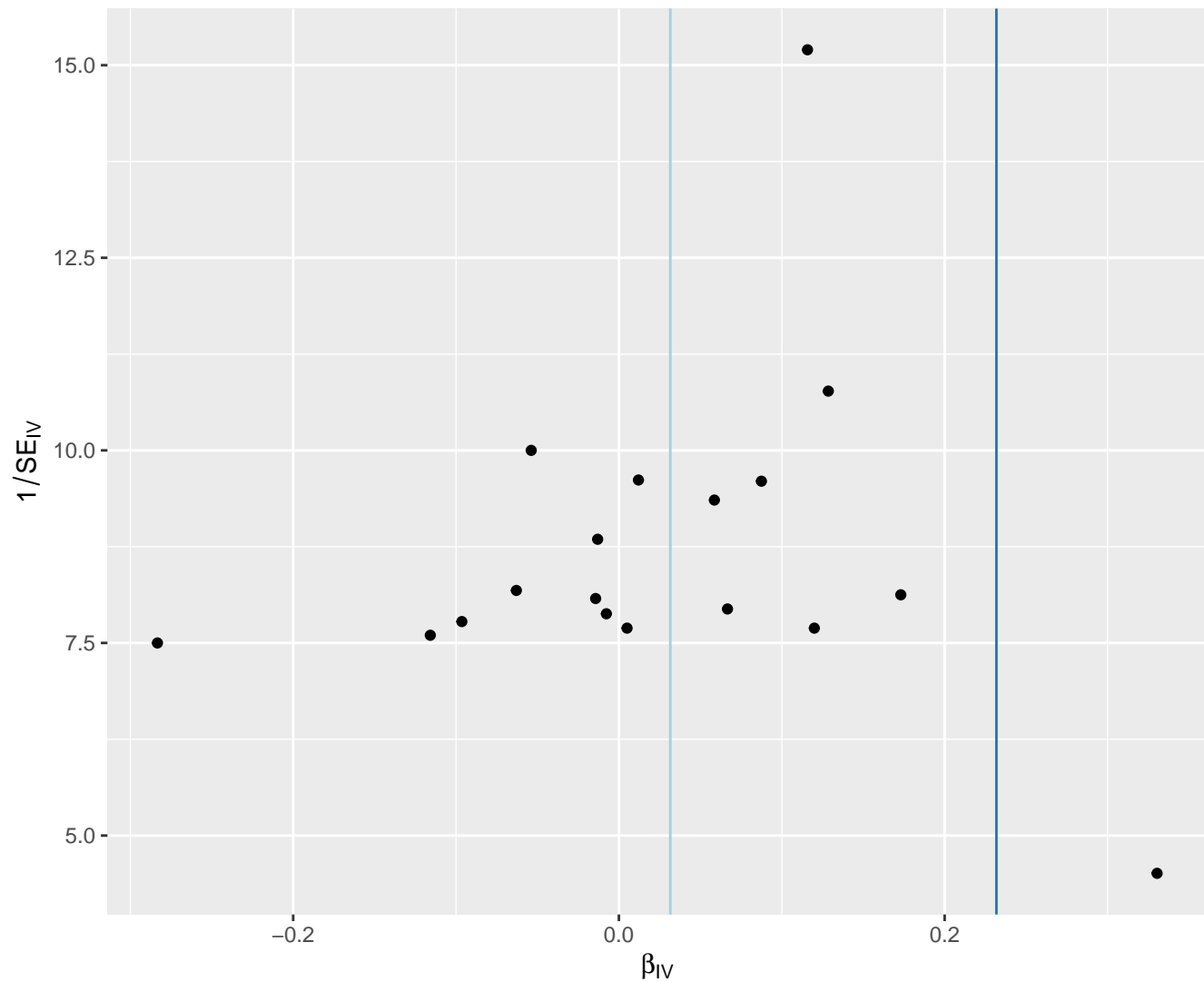
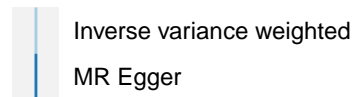
X-07765

MR Method



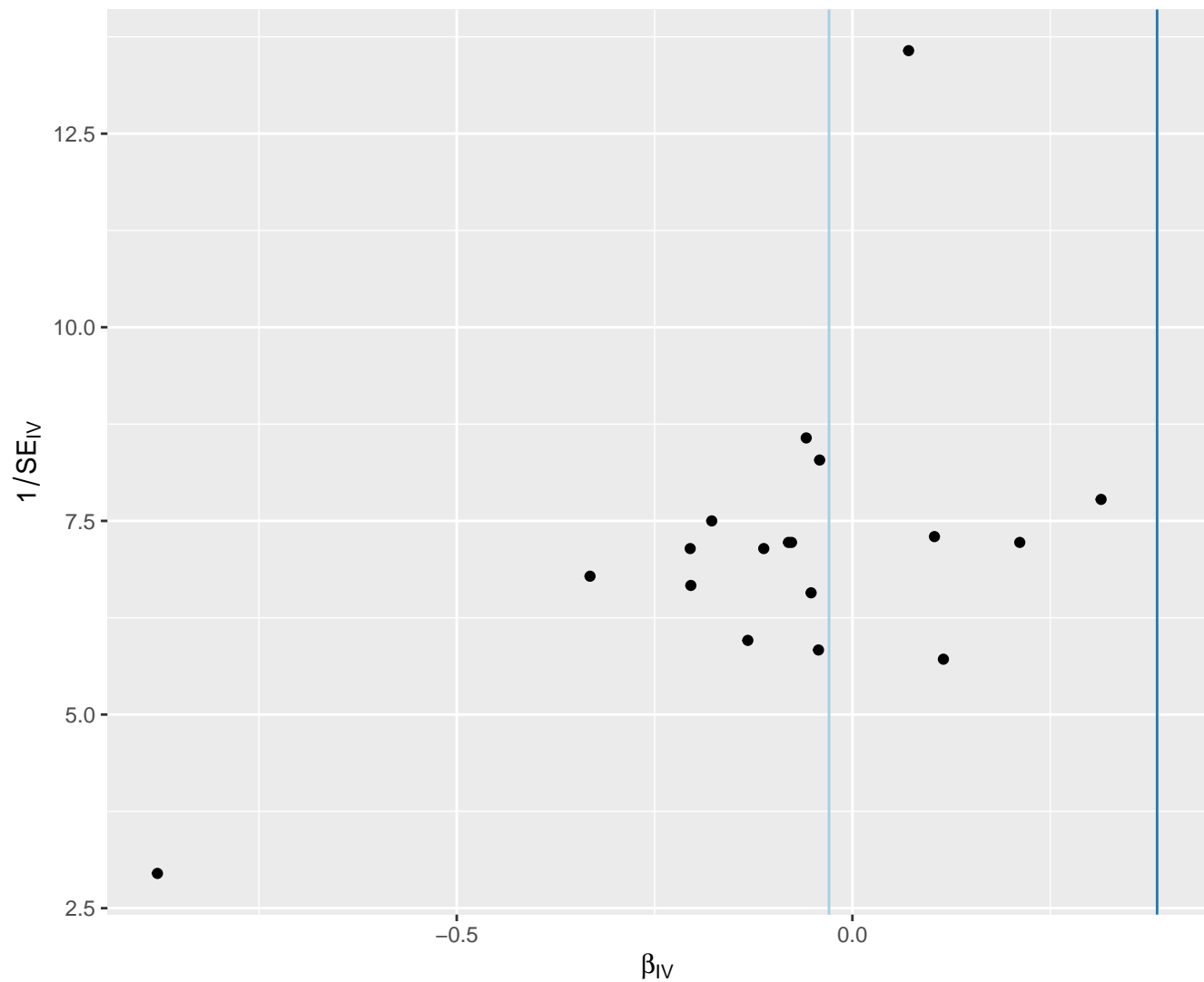
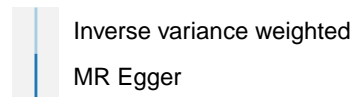
X-08402

MR Method



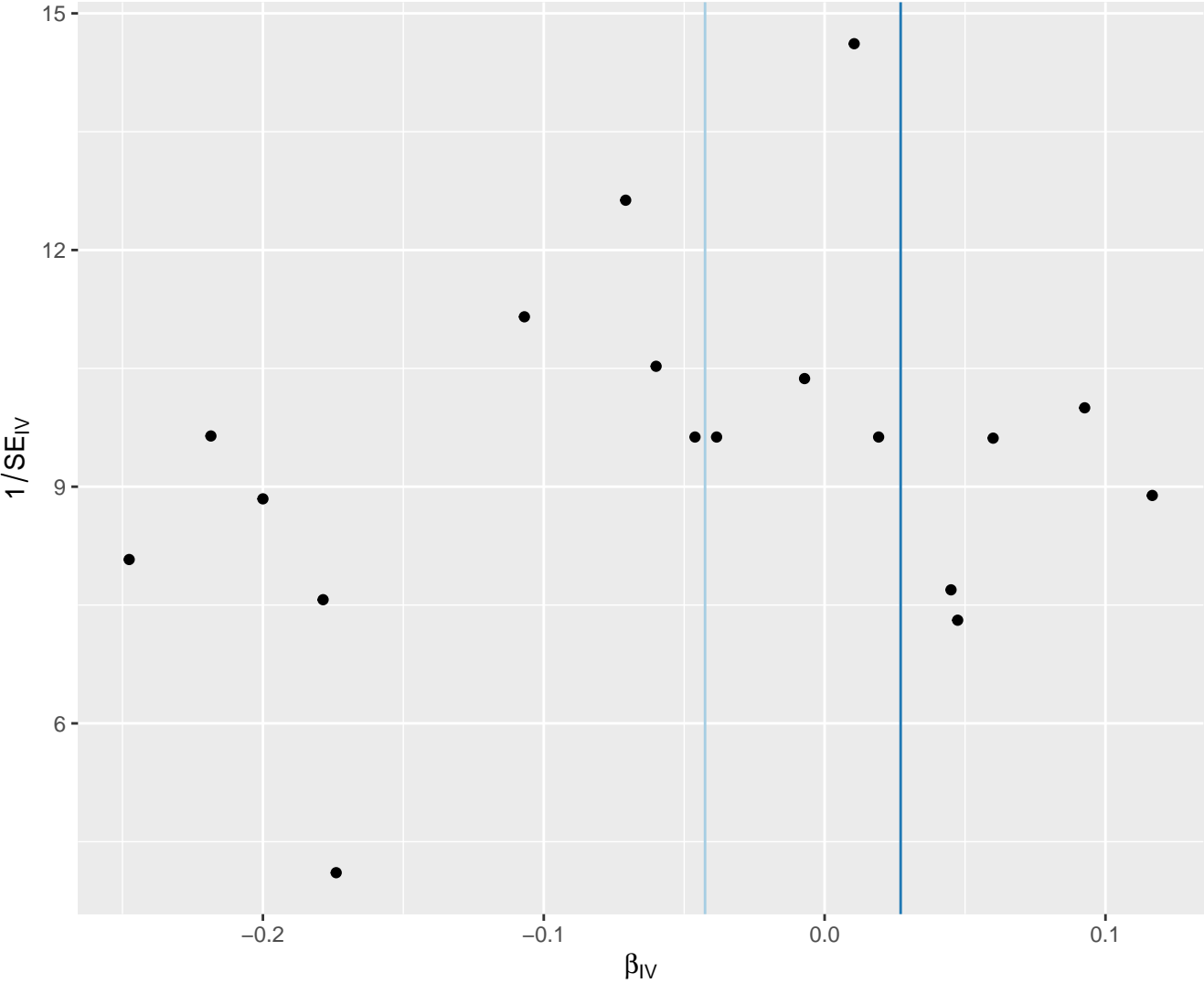
X-08766

MR Method



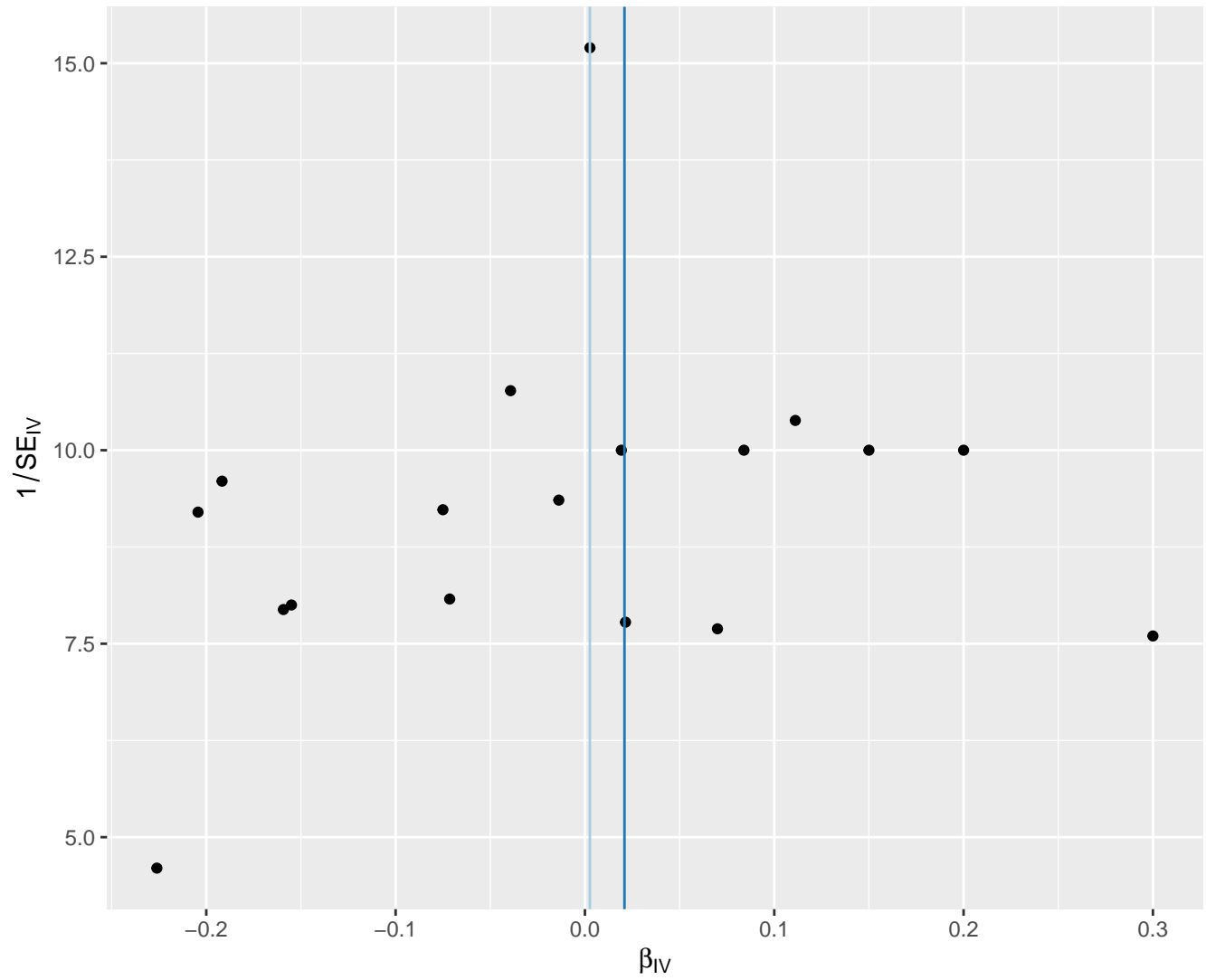
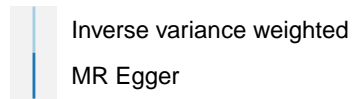
X-08988

MR Method



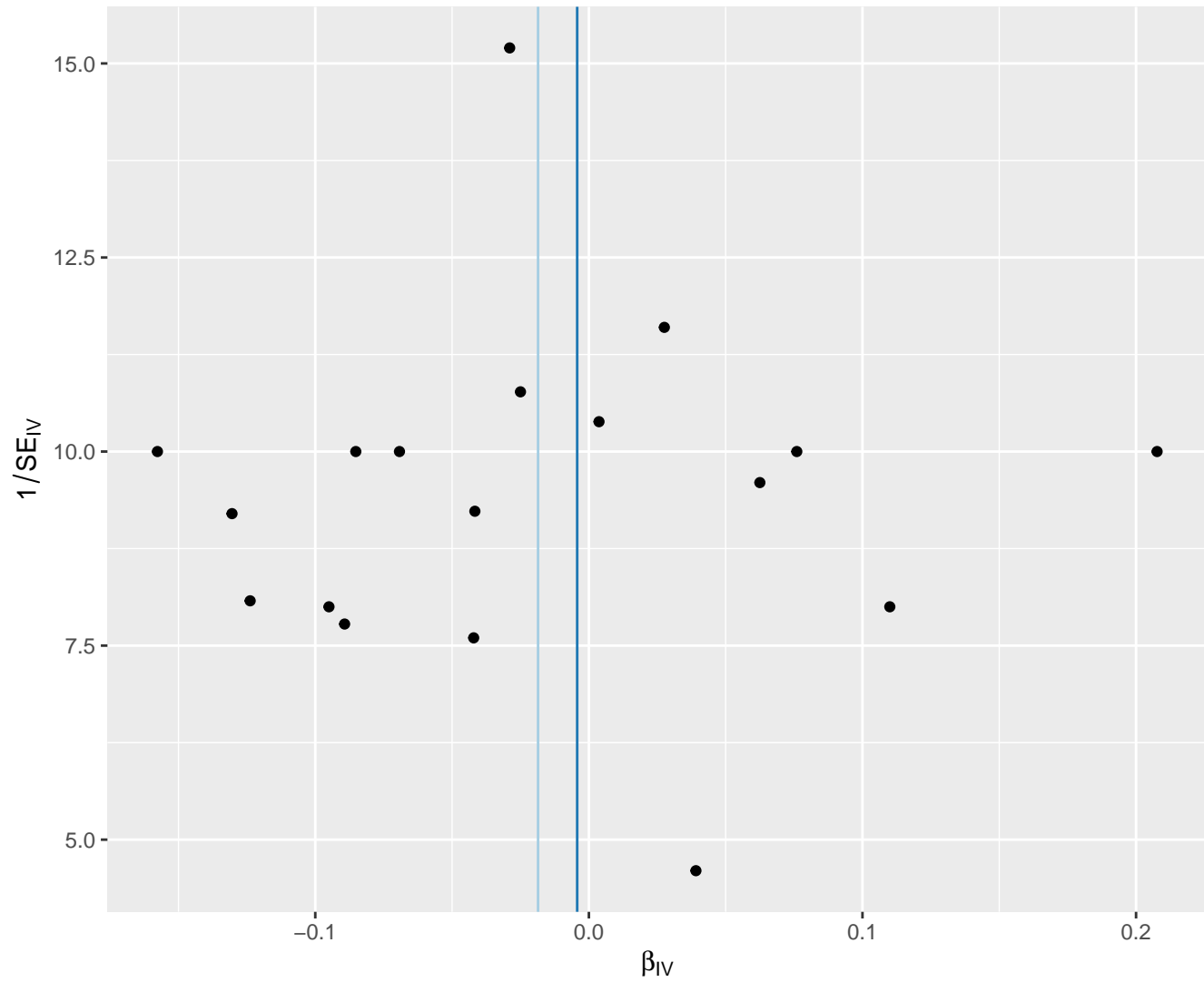
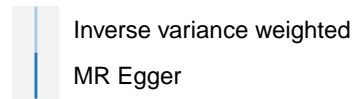
X-09026

MR Method



X-09108

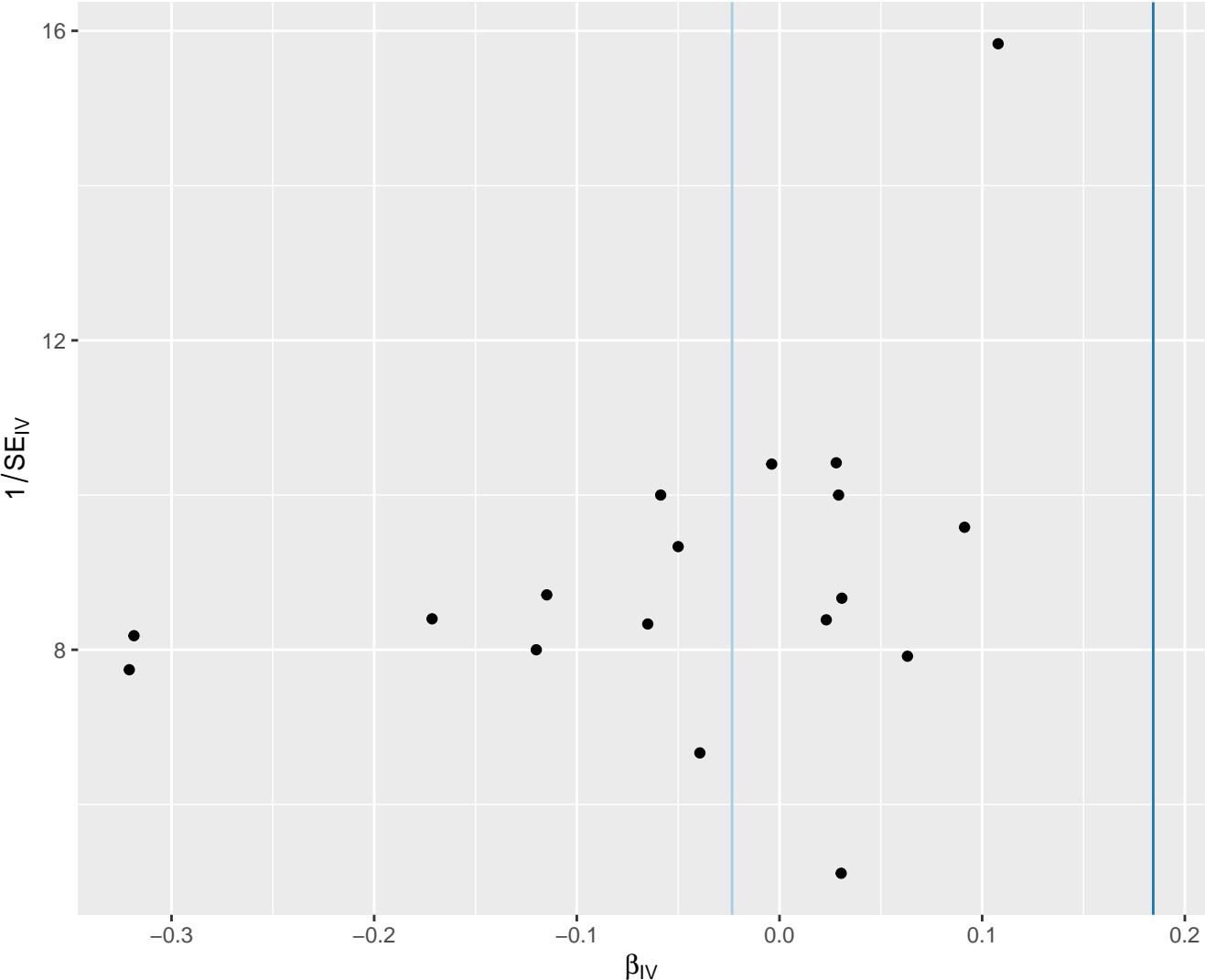
MR Method





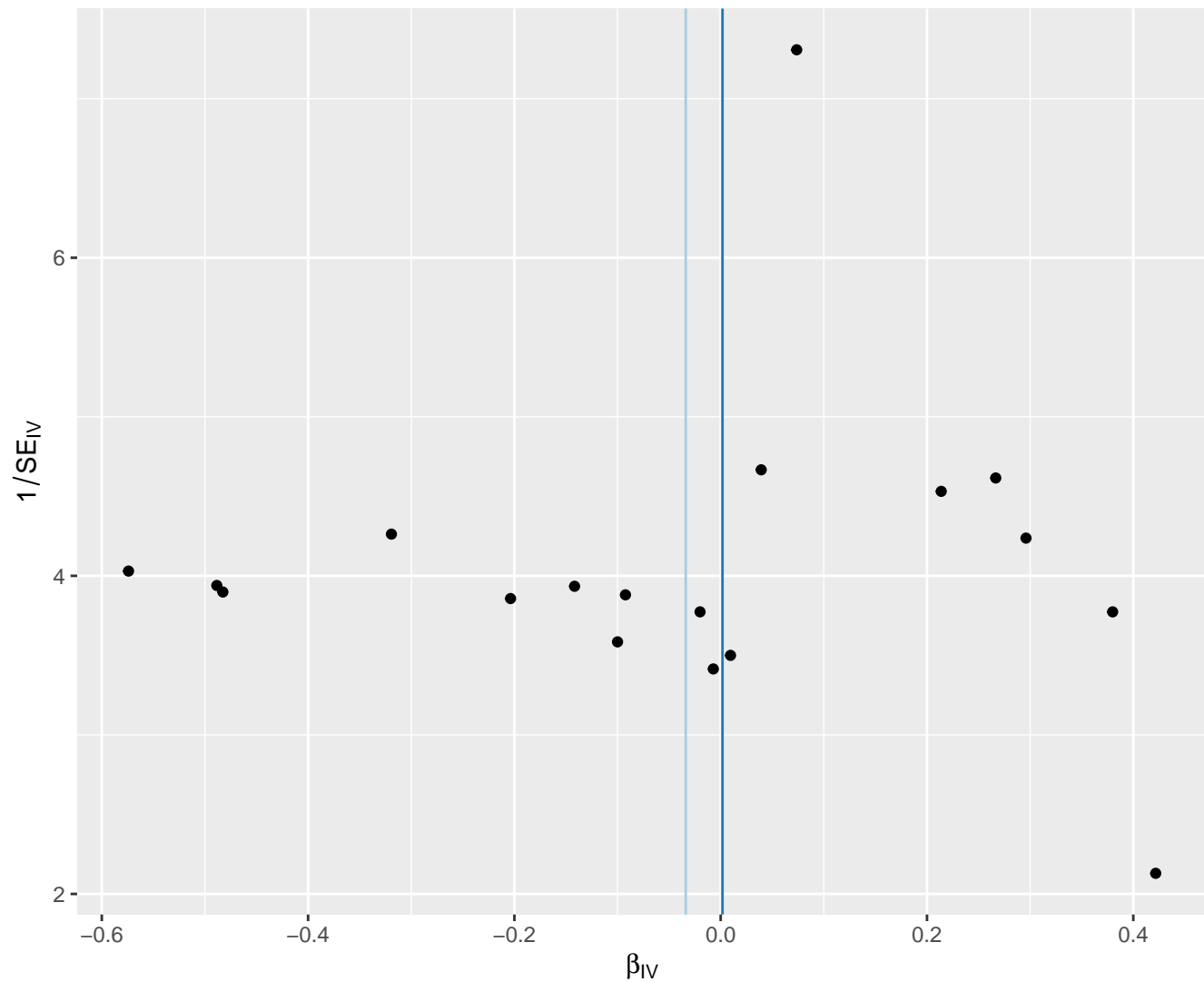
X-09706

MR Method



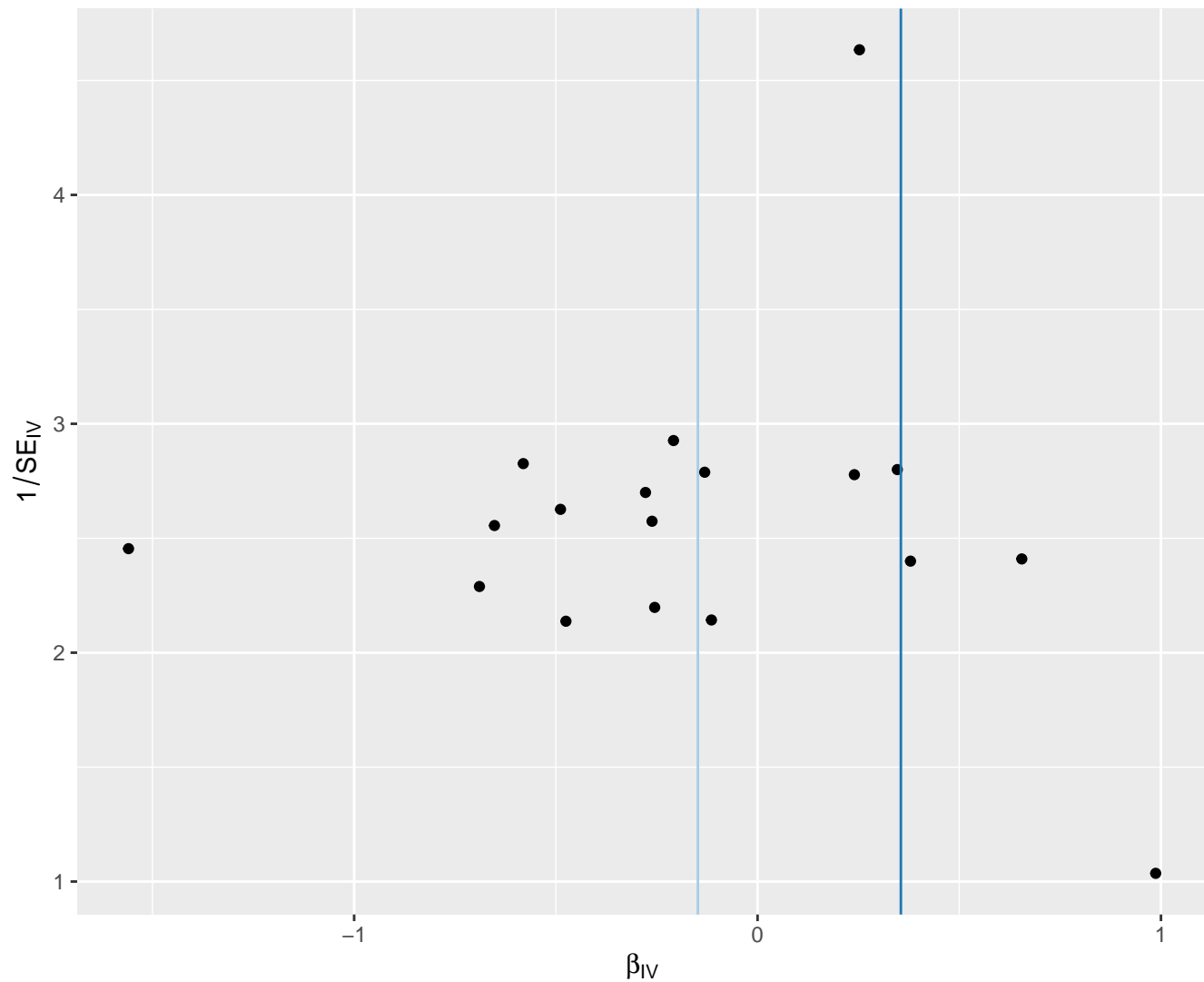
X-09789

MR Method



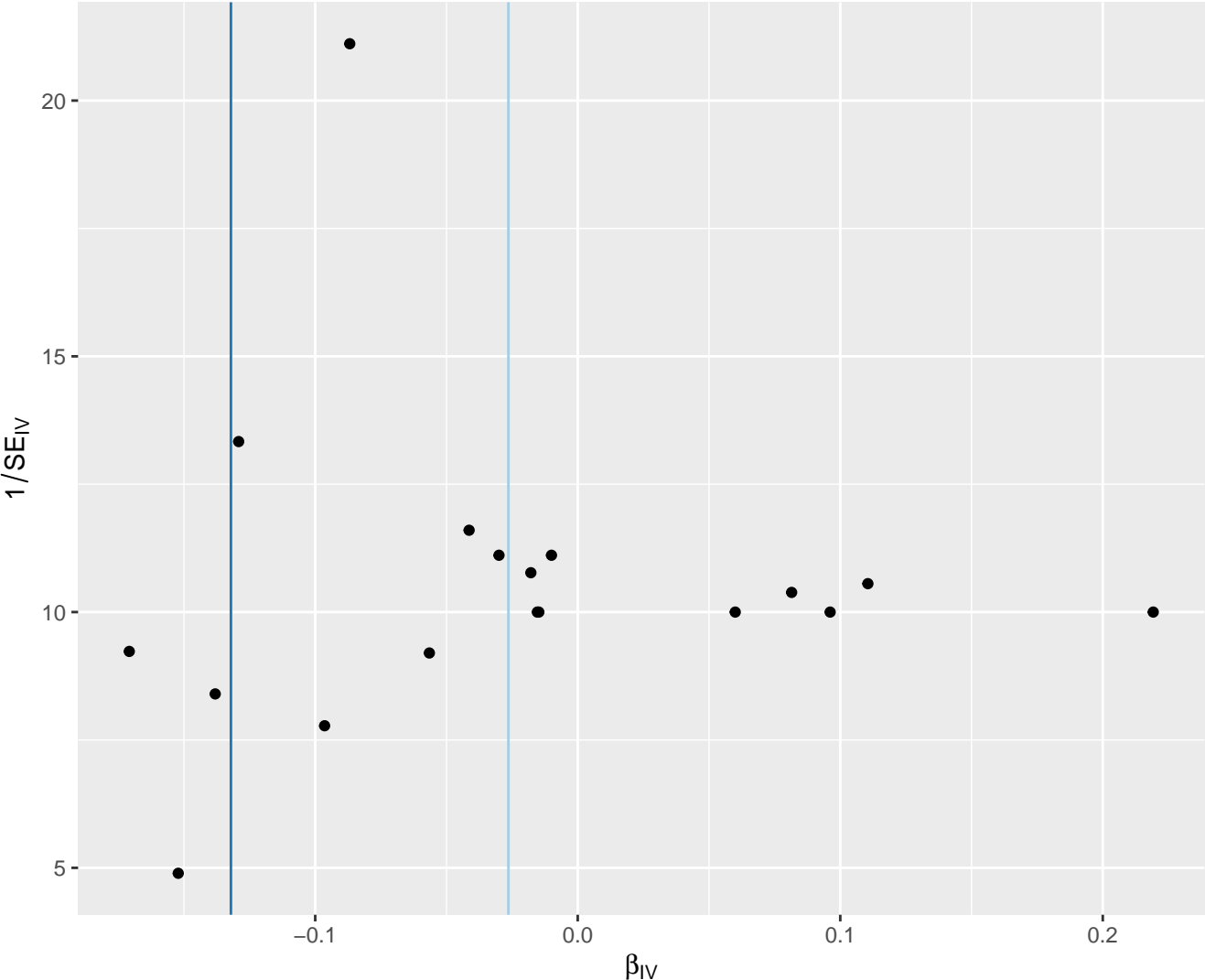
X-10346

MR Method



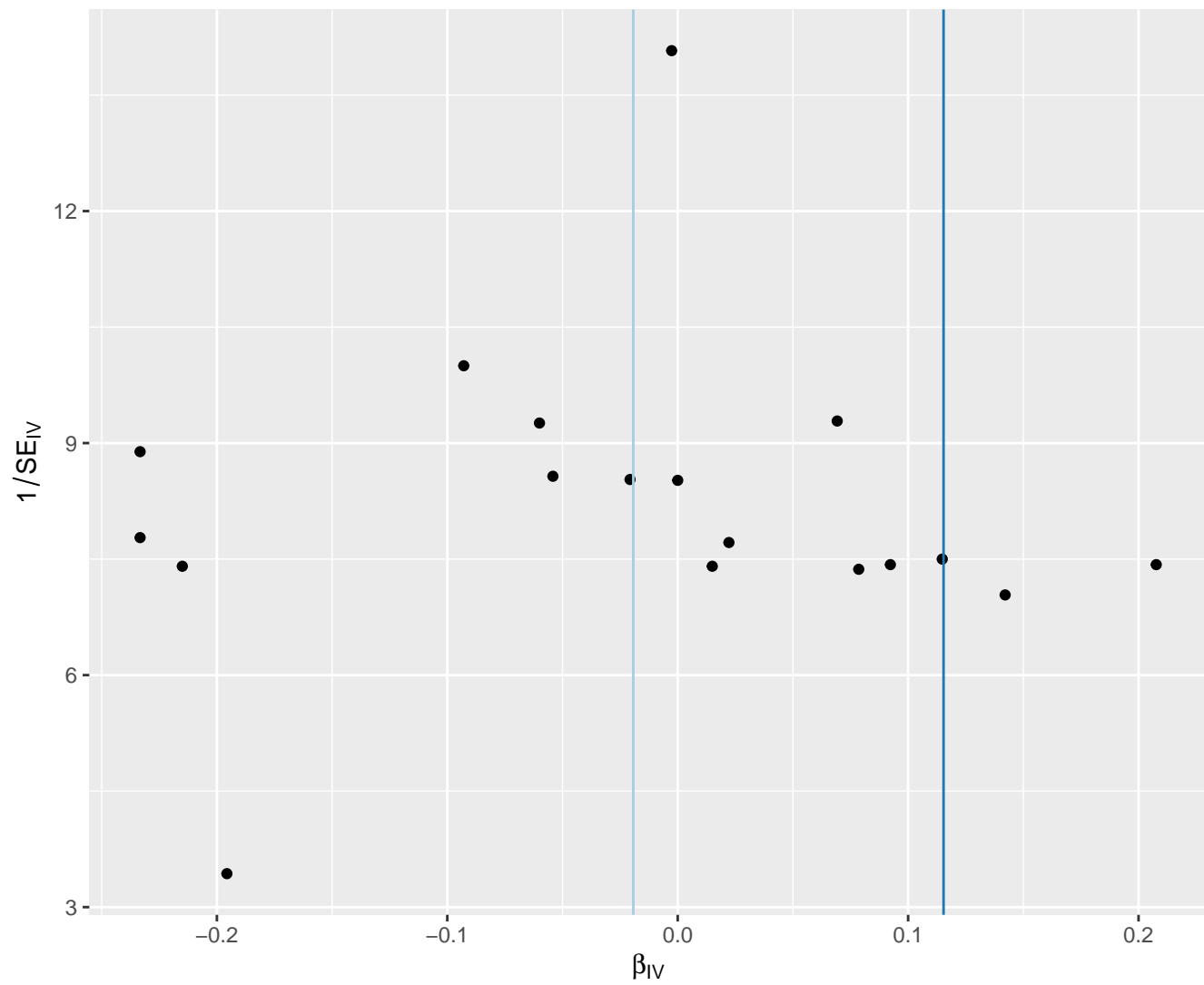
X-10395

MR Method



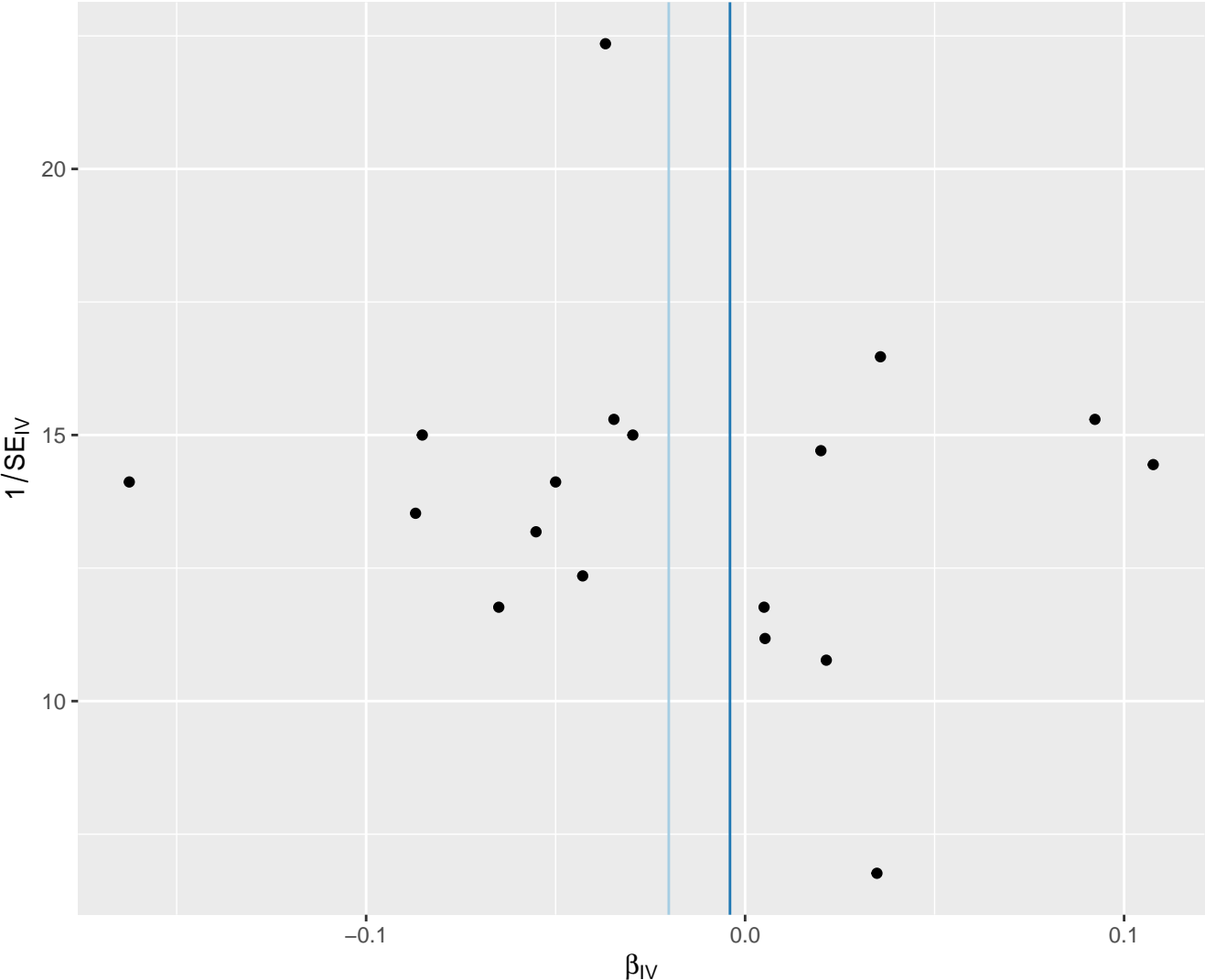
X-10429

MR Method



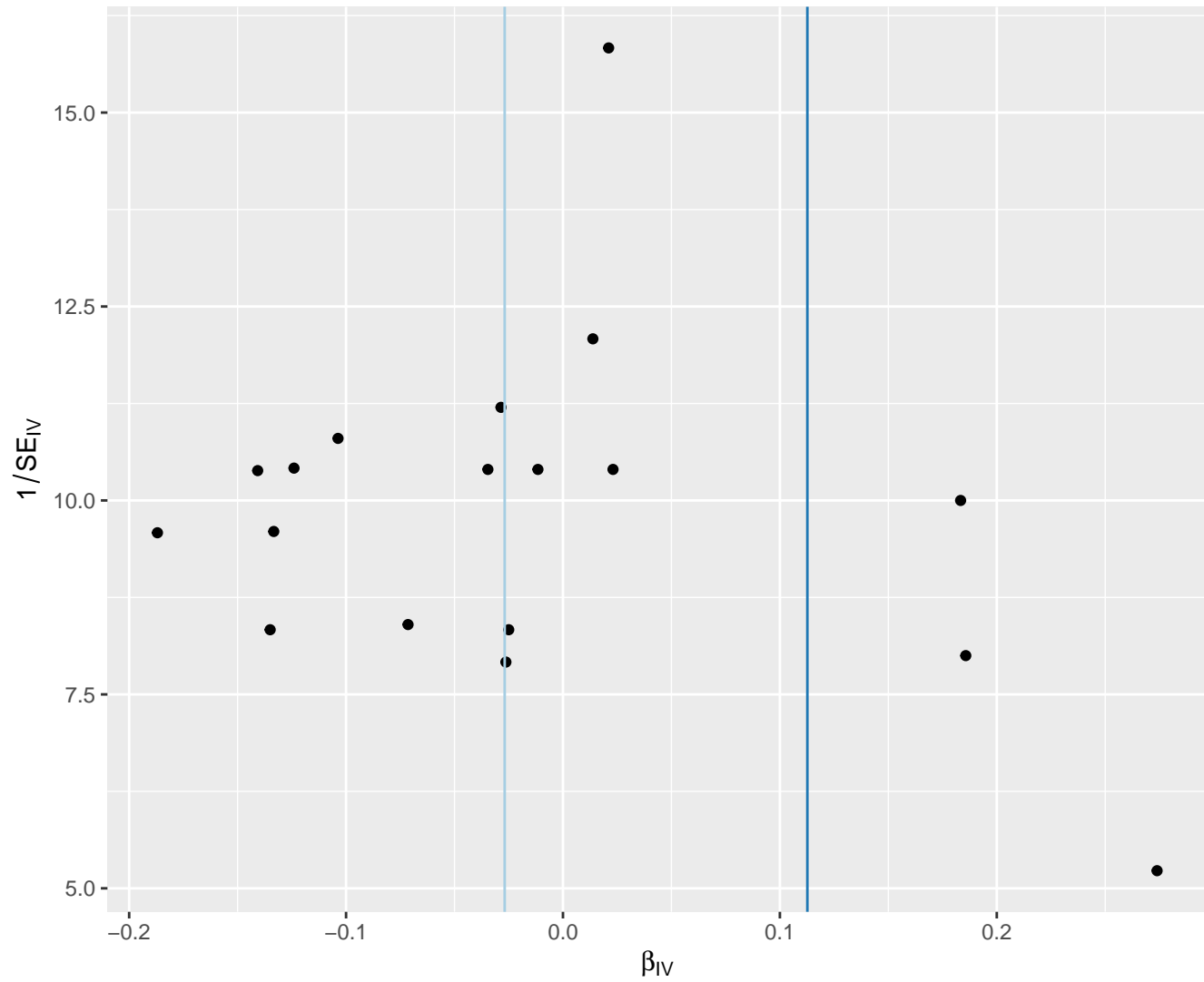
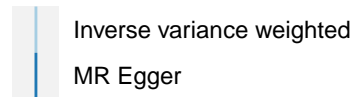
X-10500

MR Method



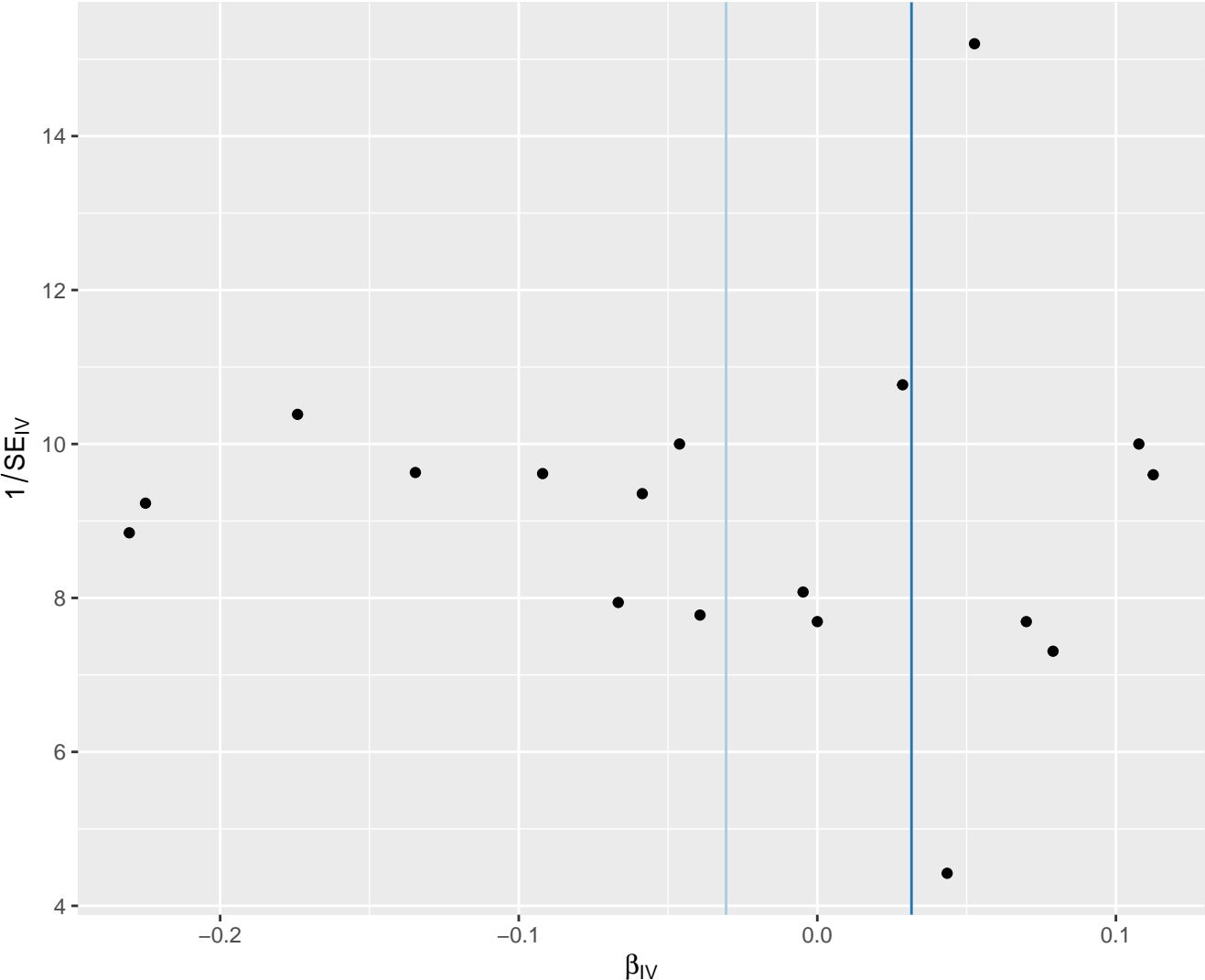
X-10506

MR Method



X-10510

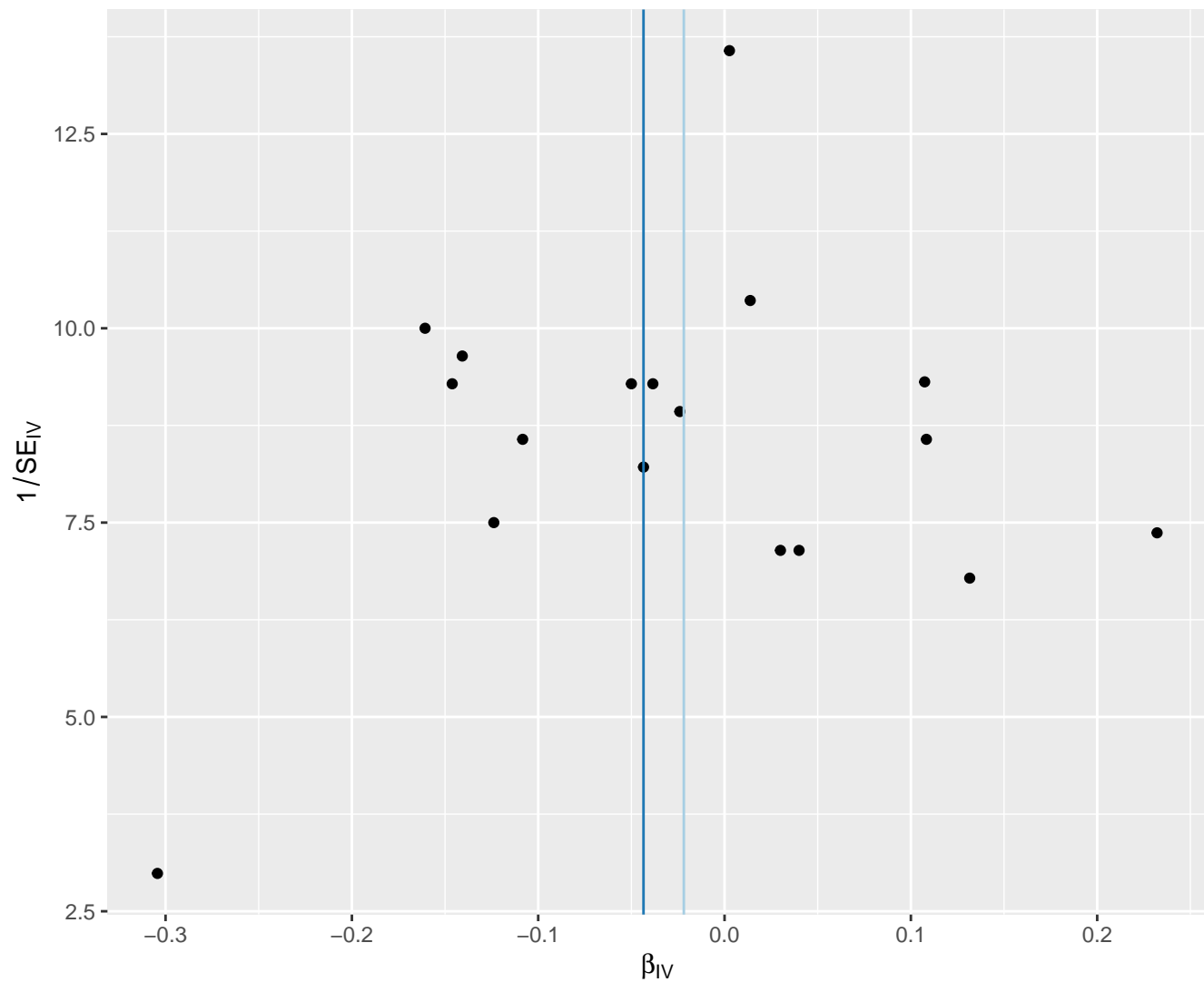
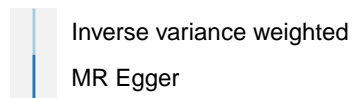
MR Method





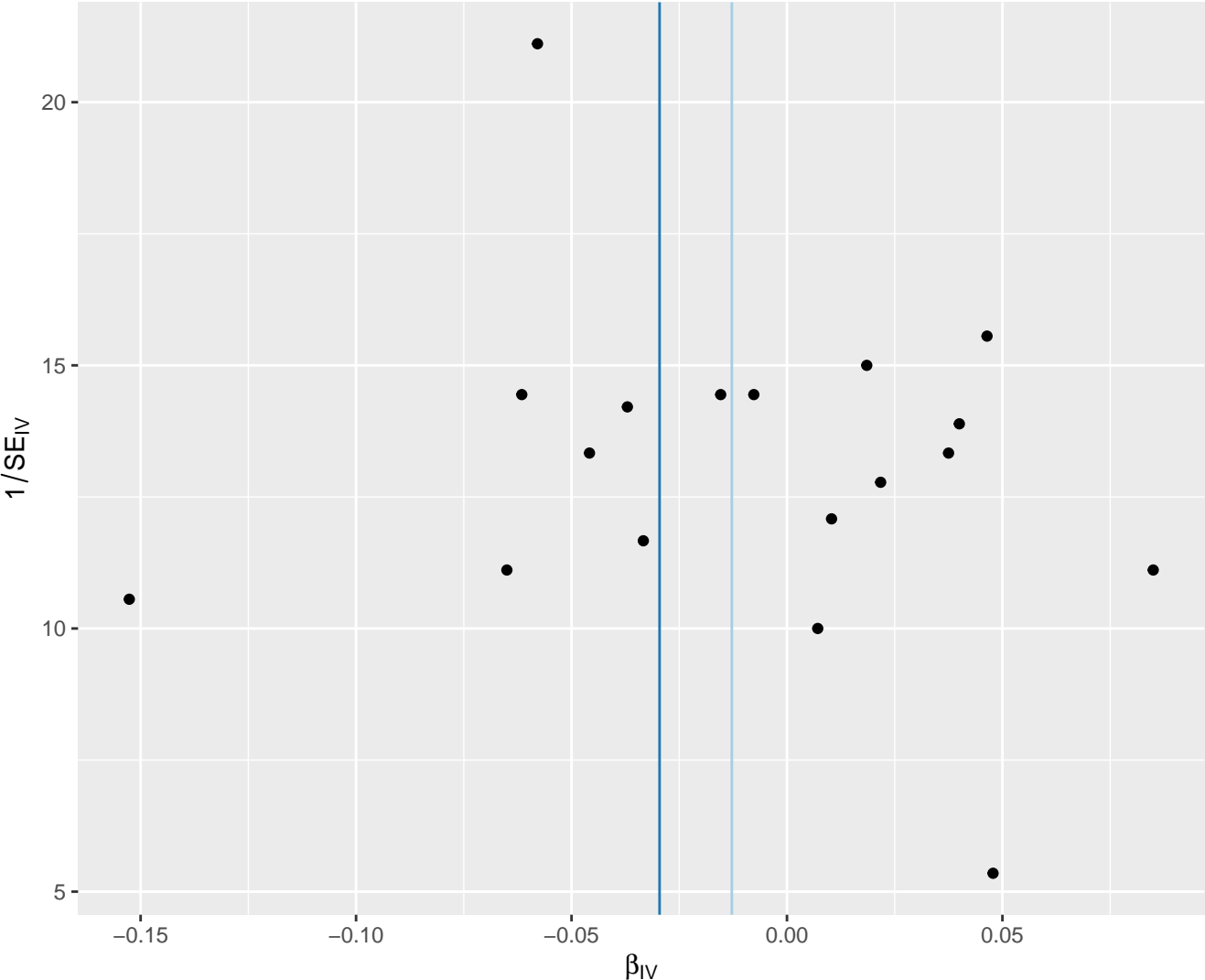
X-10810

MR Method



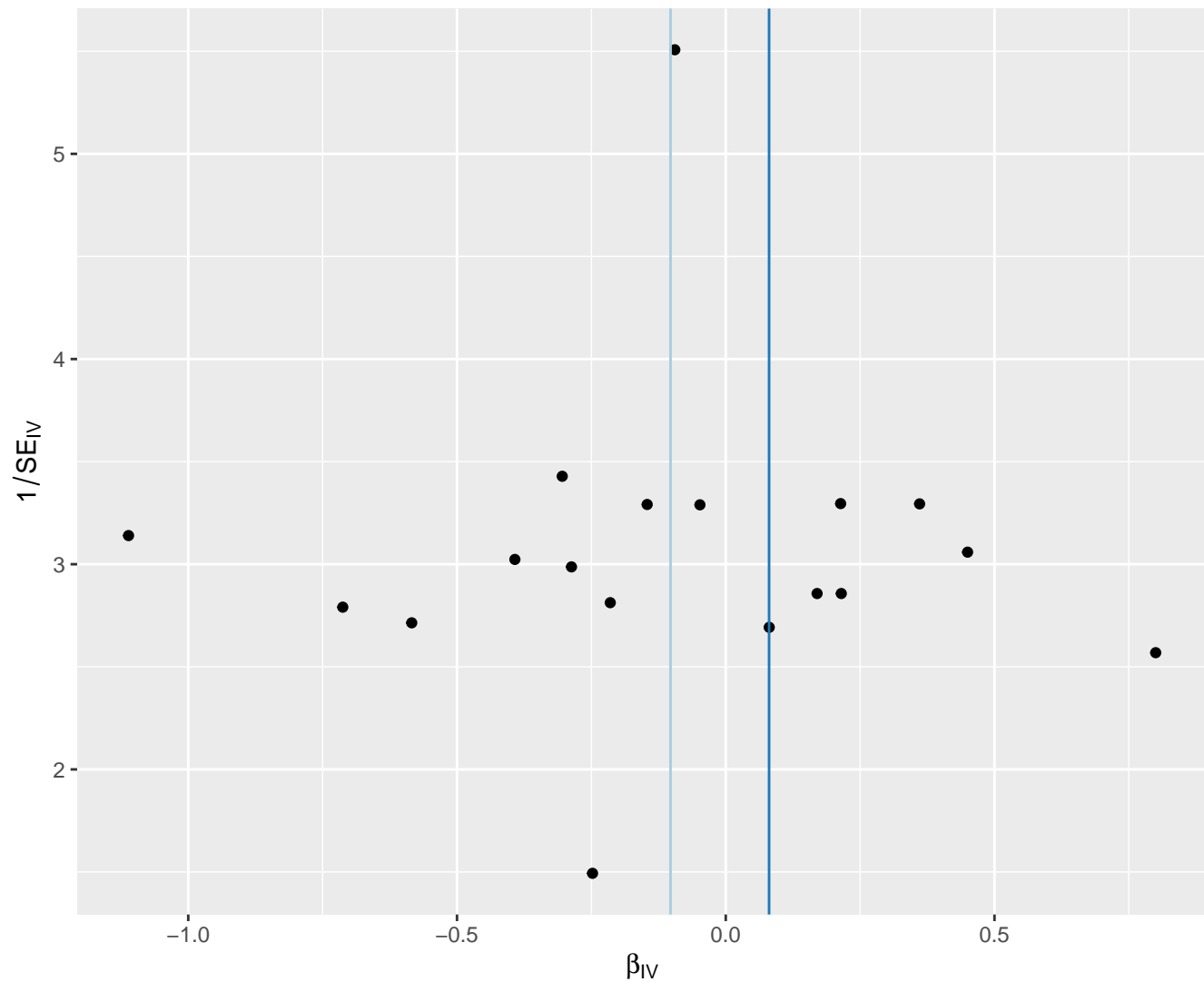
X-11204

MR Method



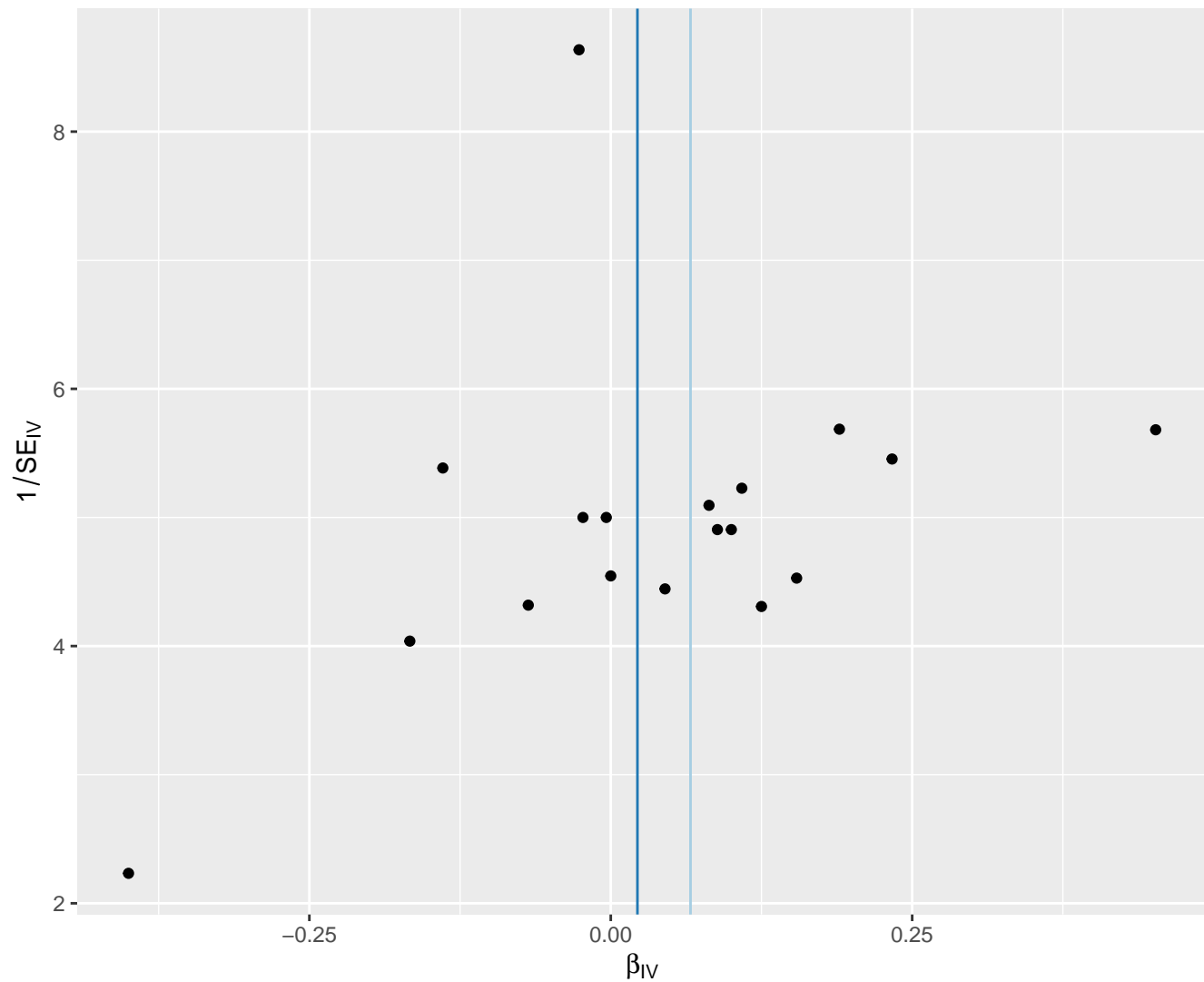
X-11247

MR Method



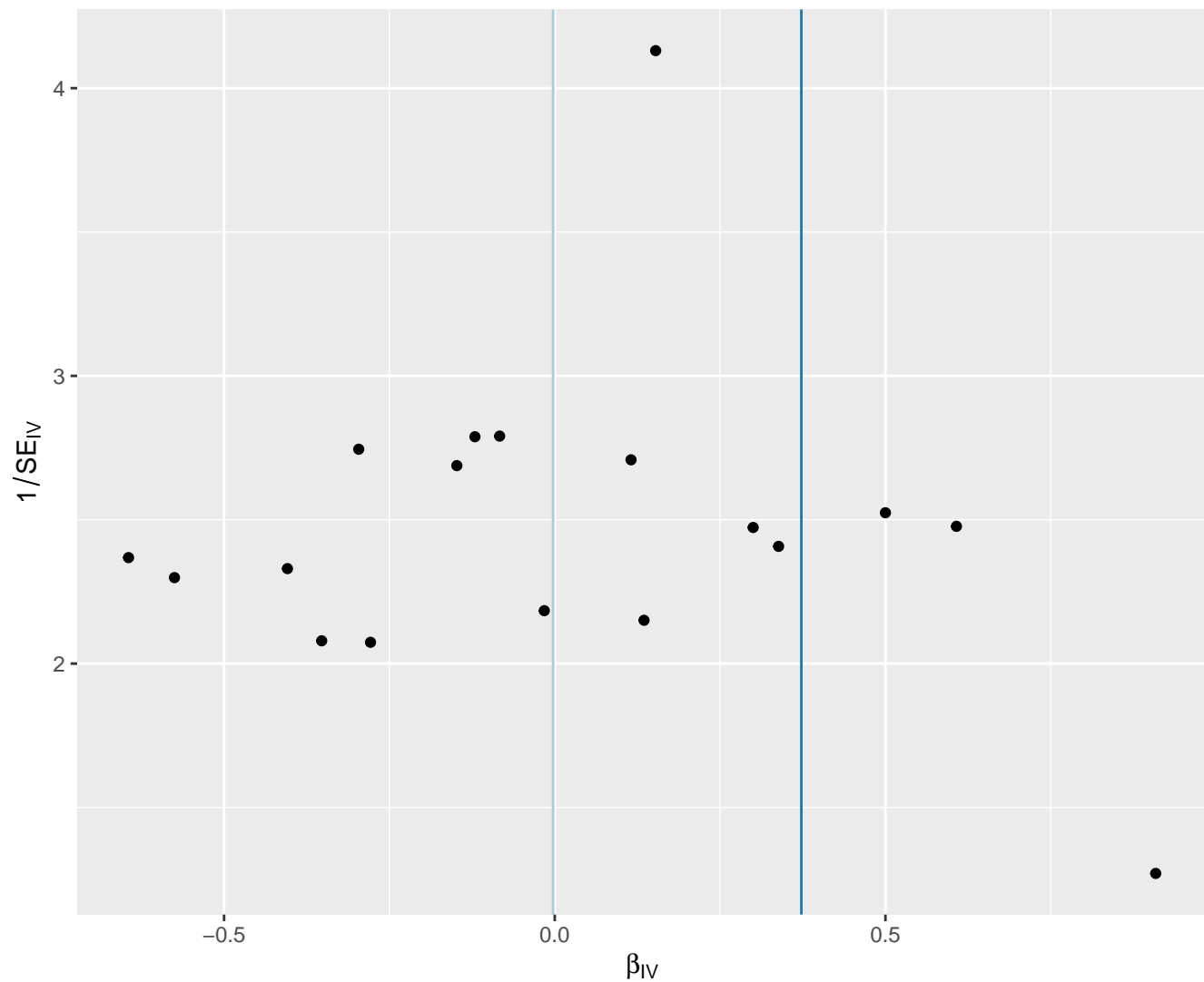
X-11261

MR Method



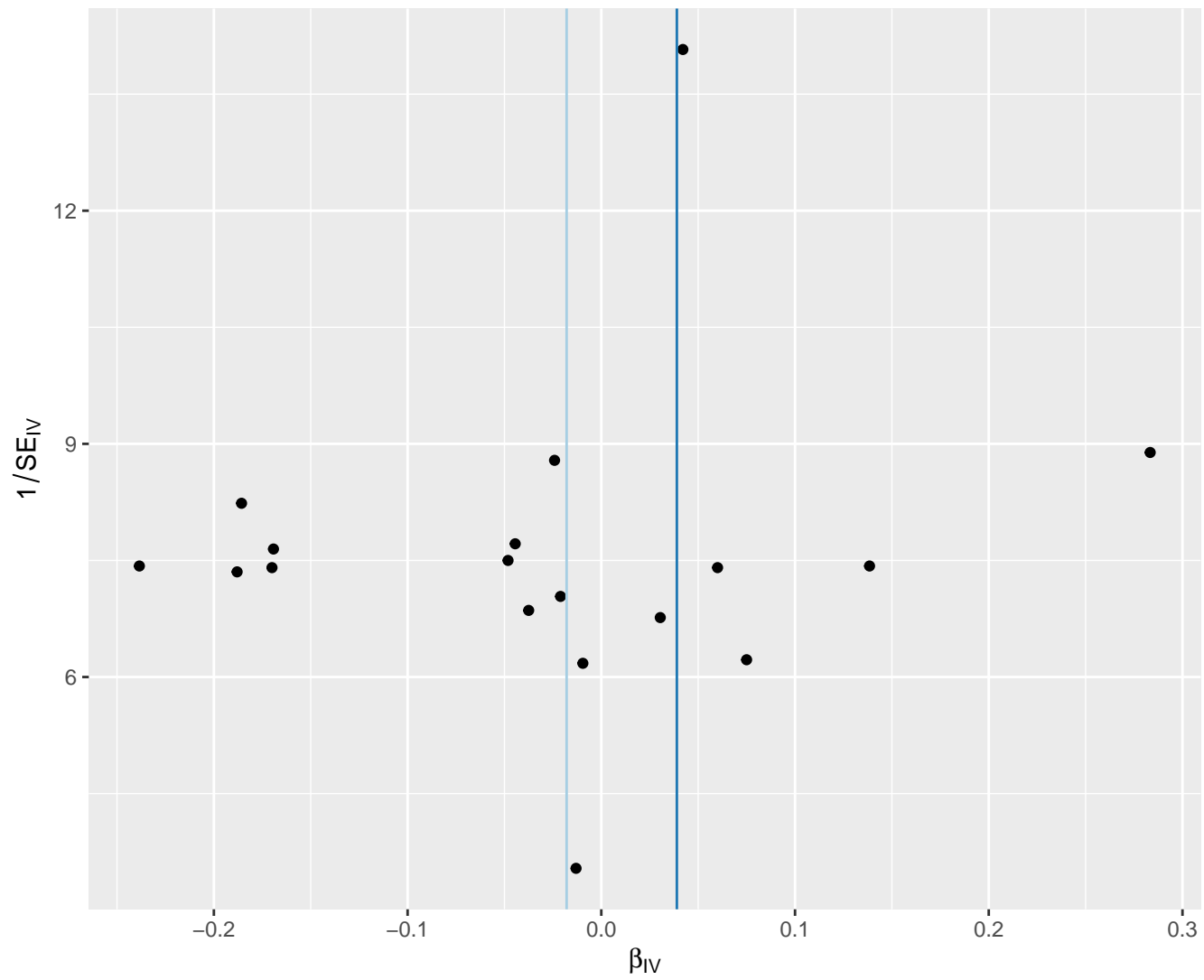
X-11299

MR Method



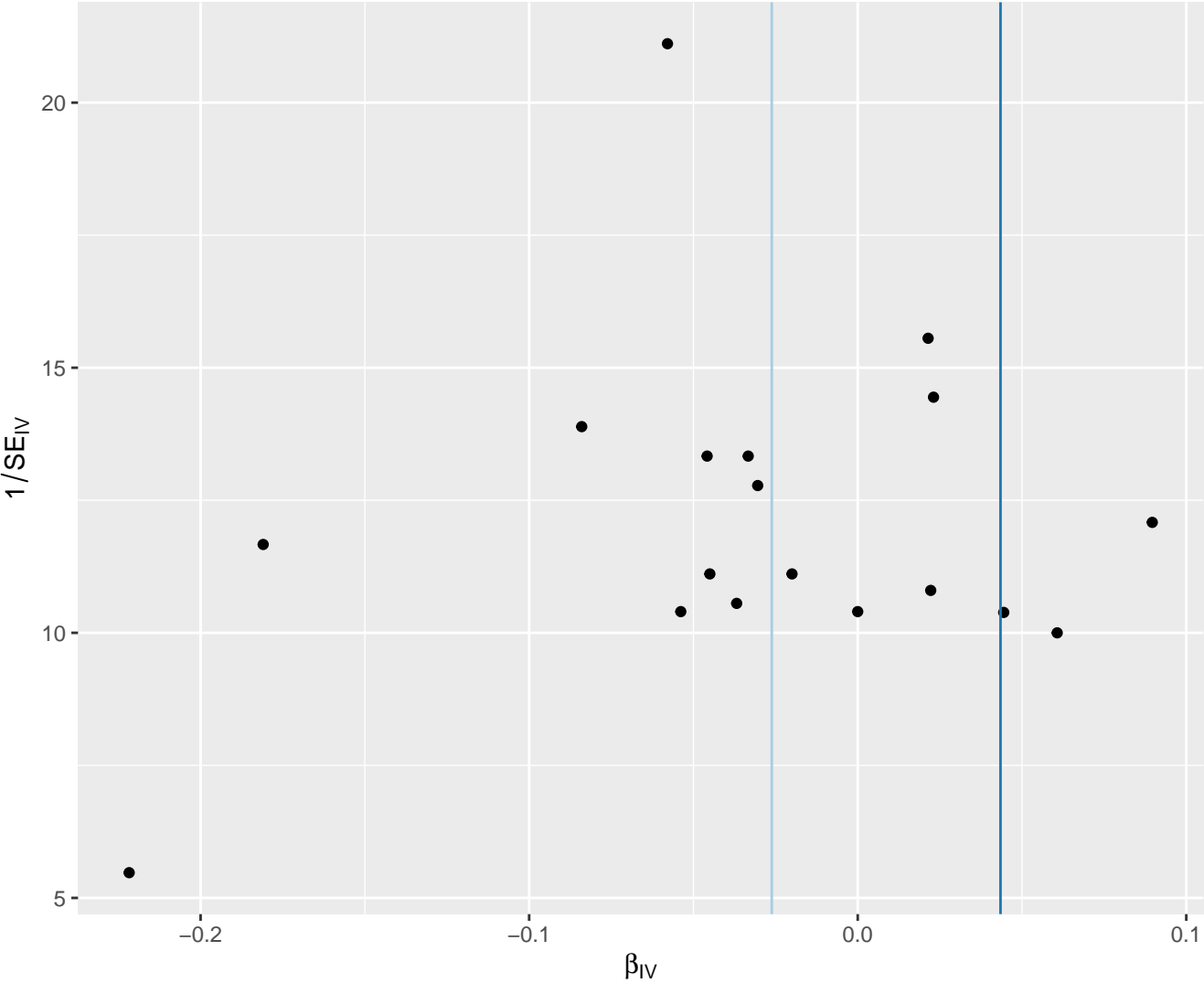
X-11315

MR Method



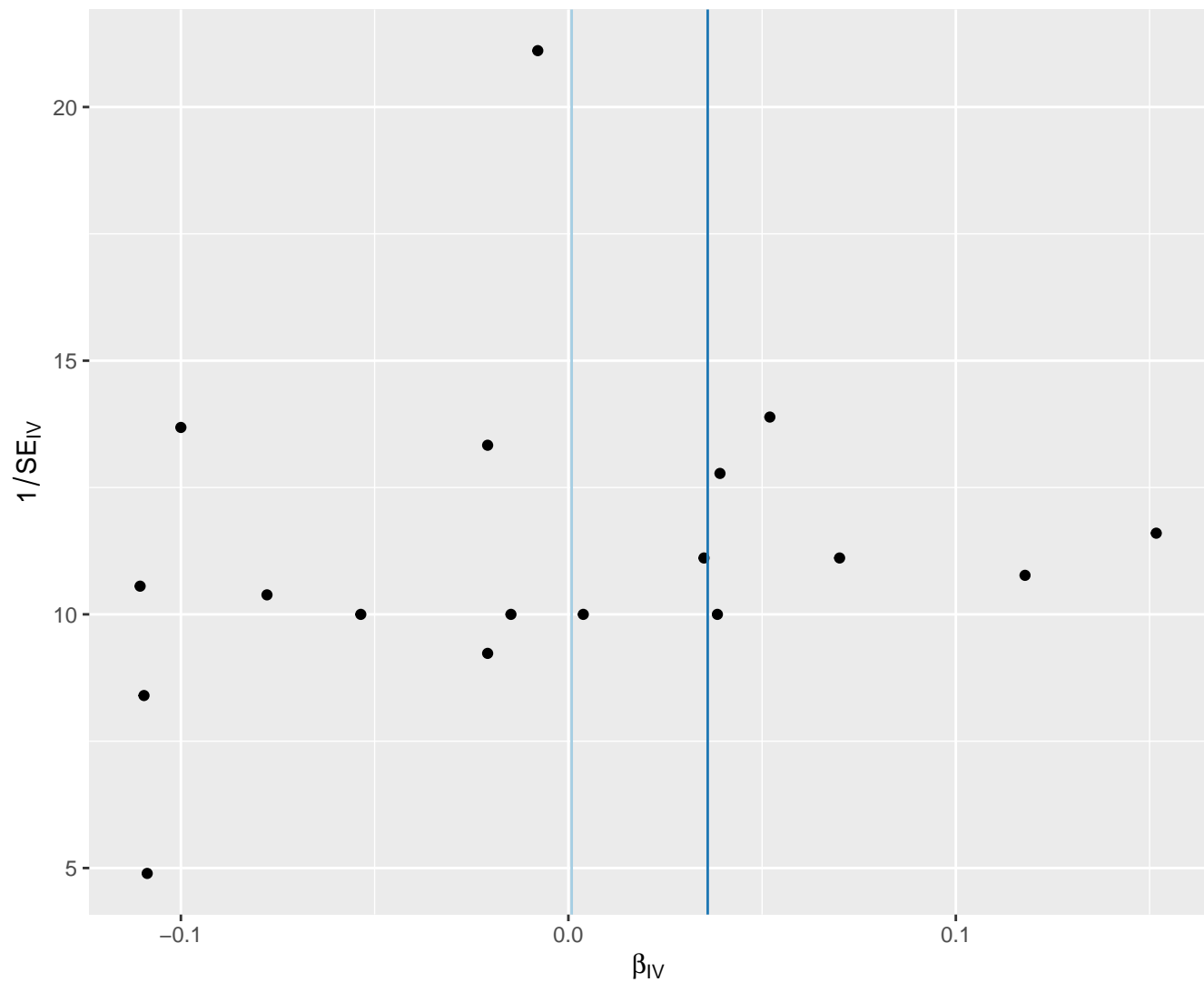
X-11317

MR Method



X-11327

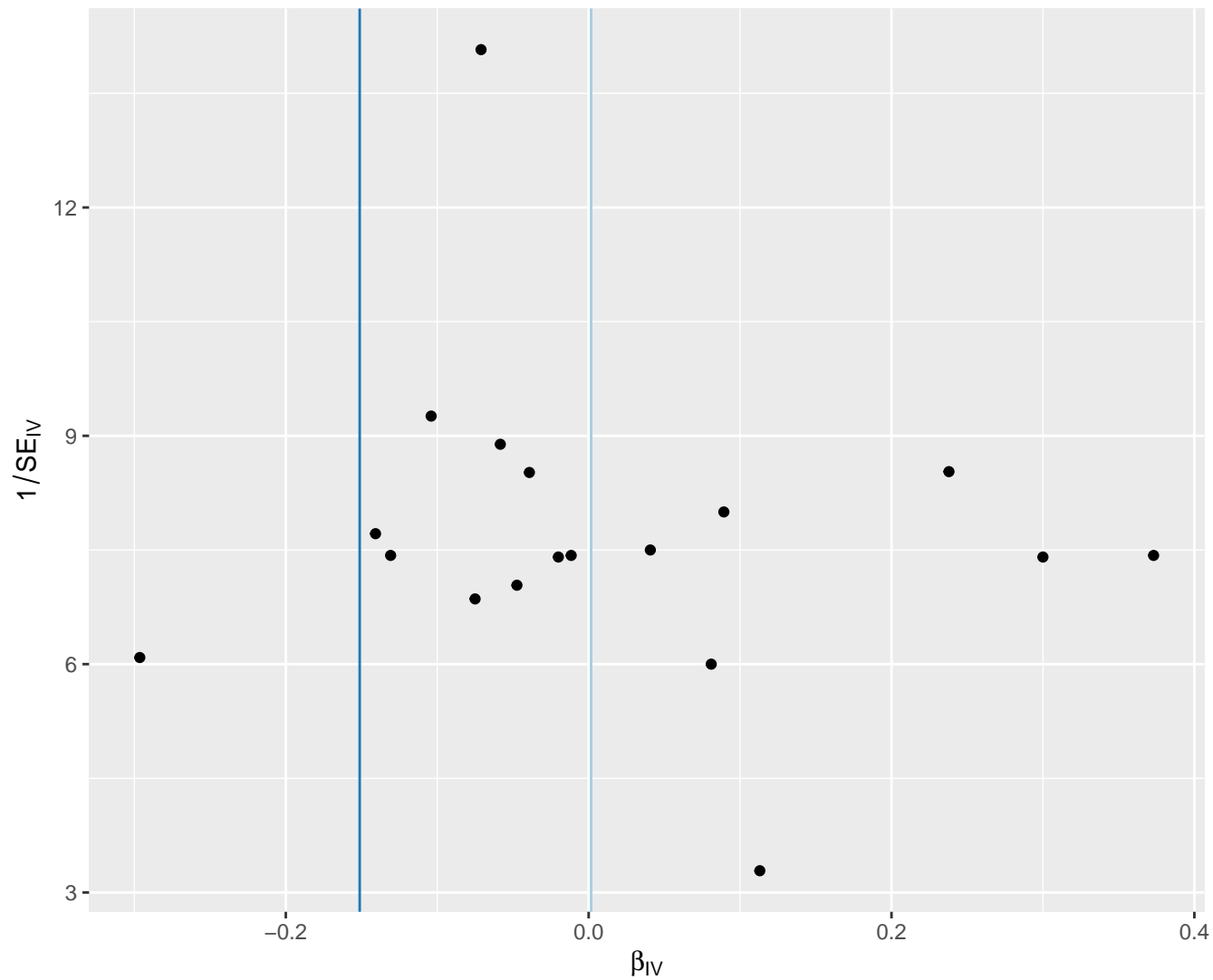
MR Method





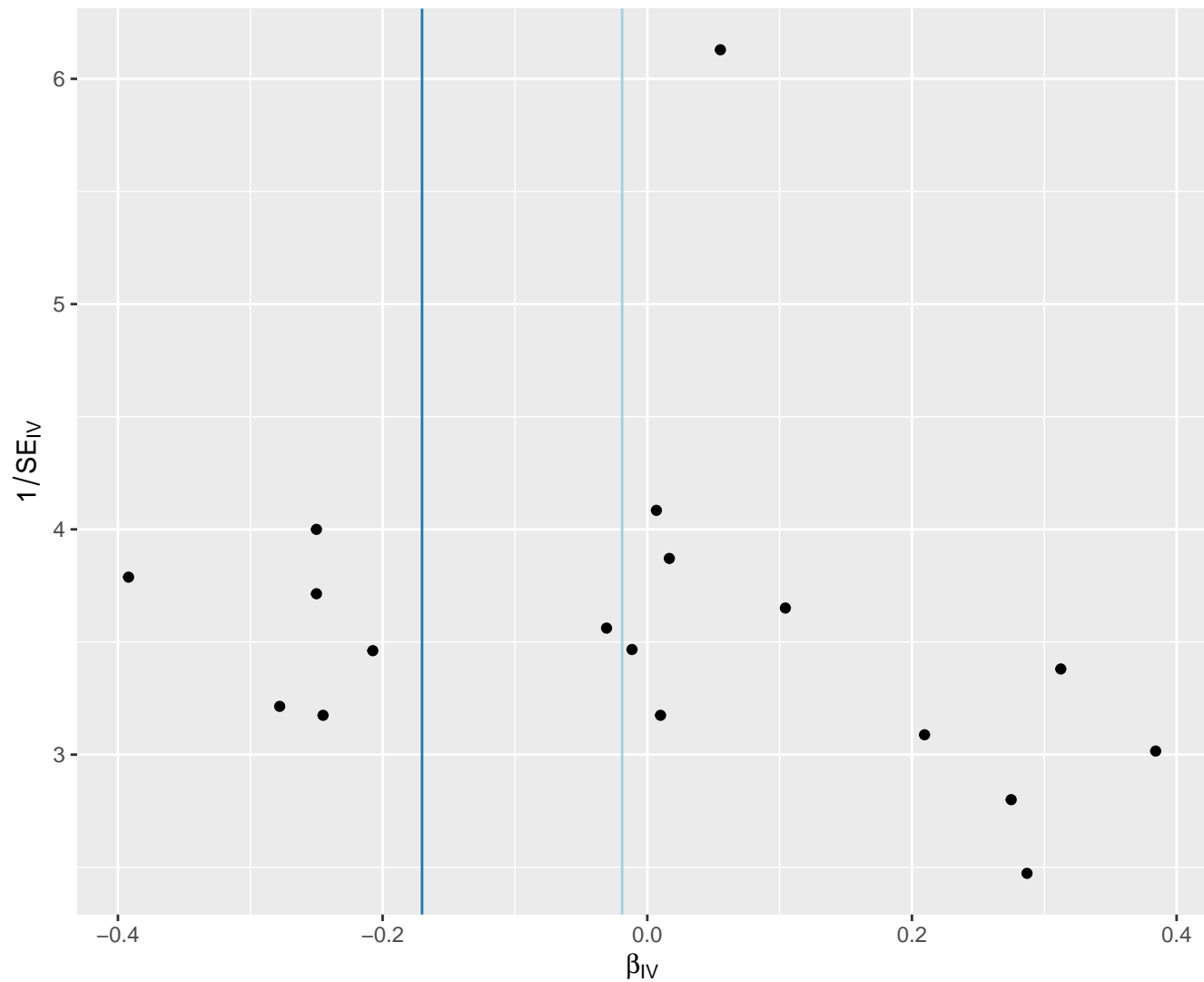
X-11334

MR Method



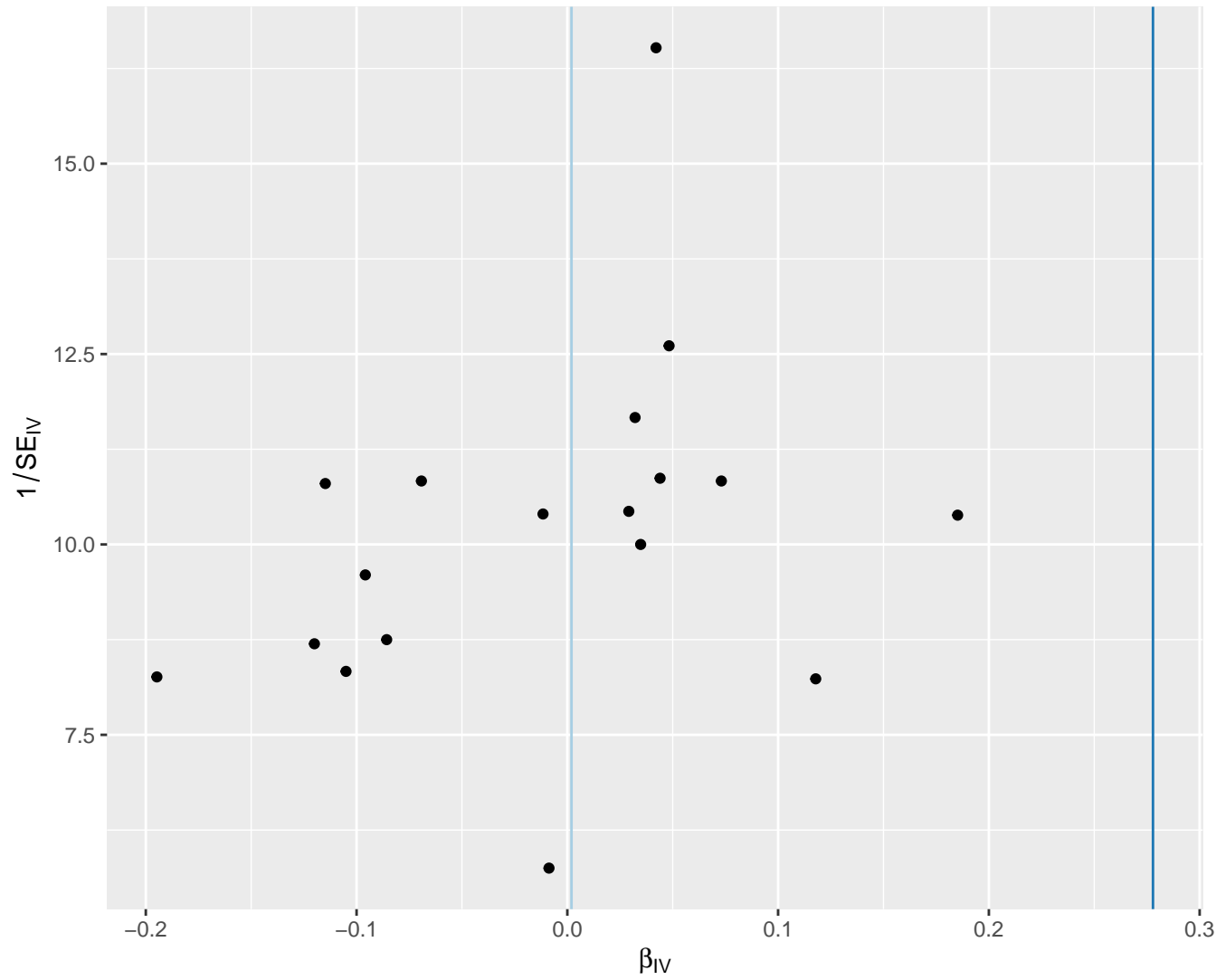
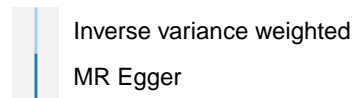
X-11374

MR Method



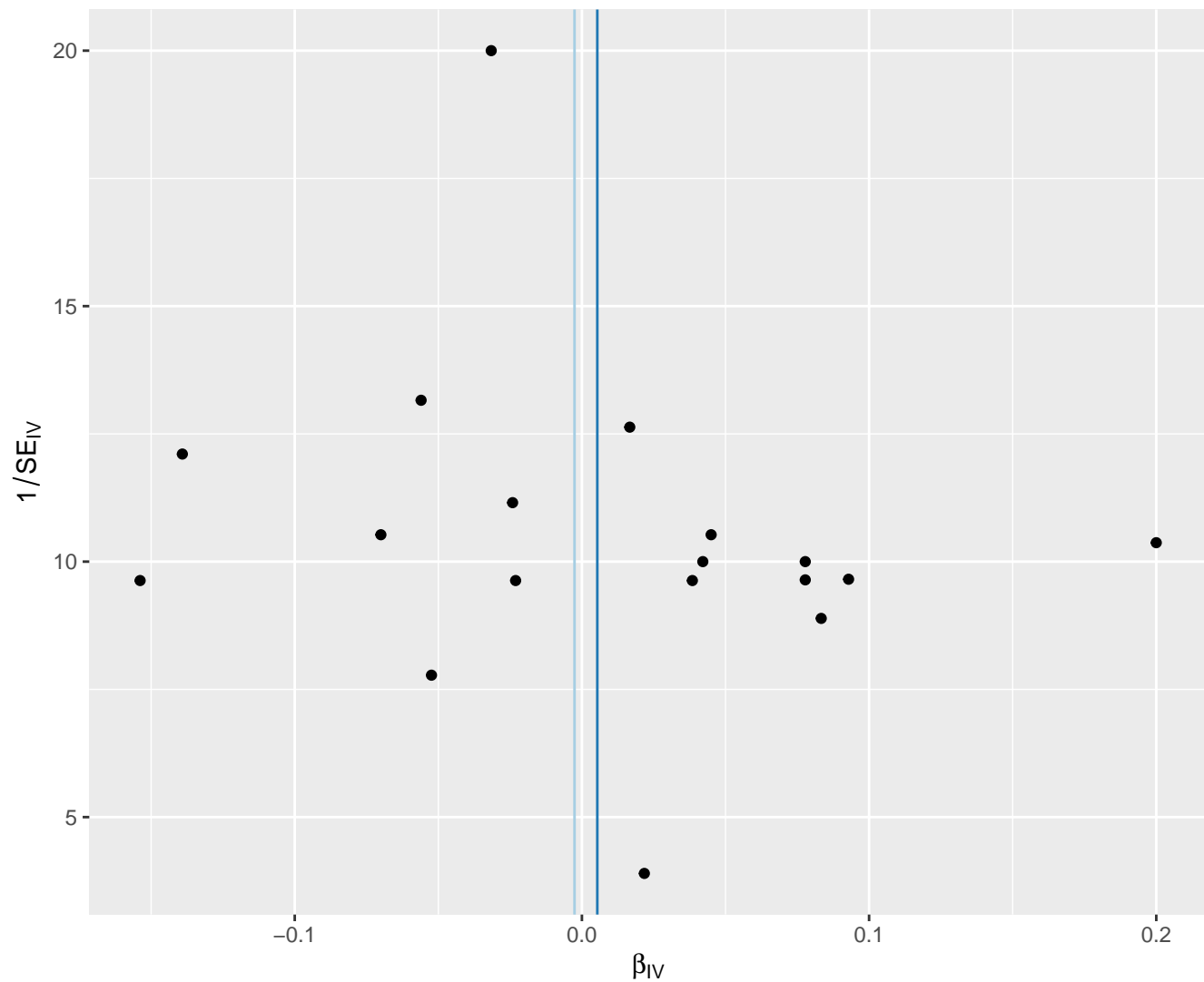
X-11381

MR Method

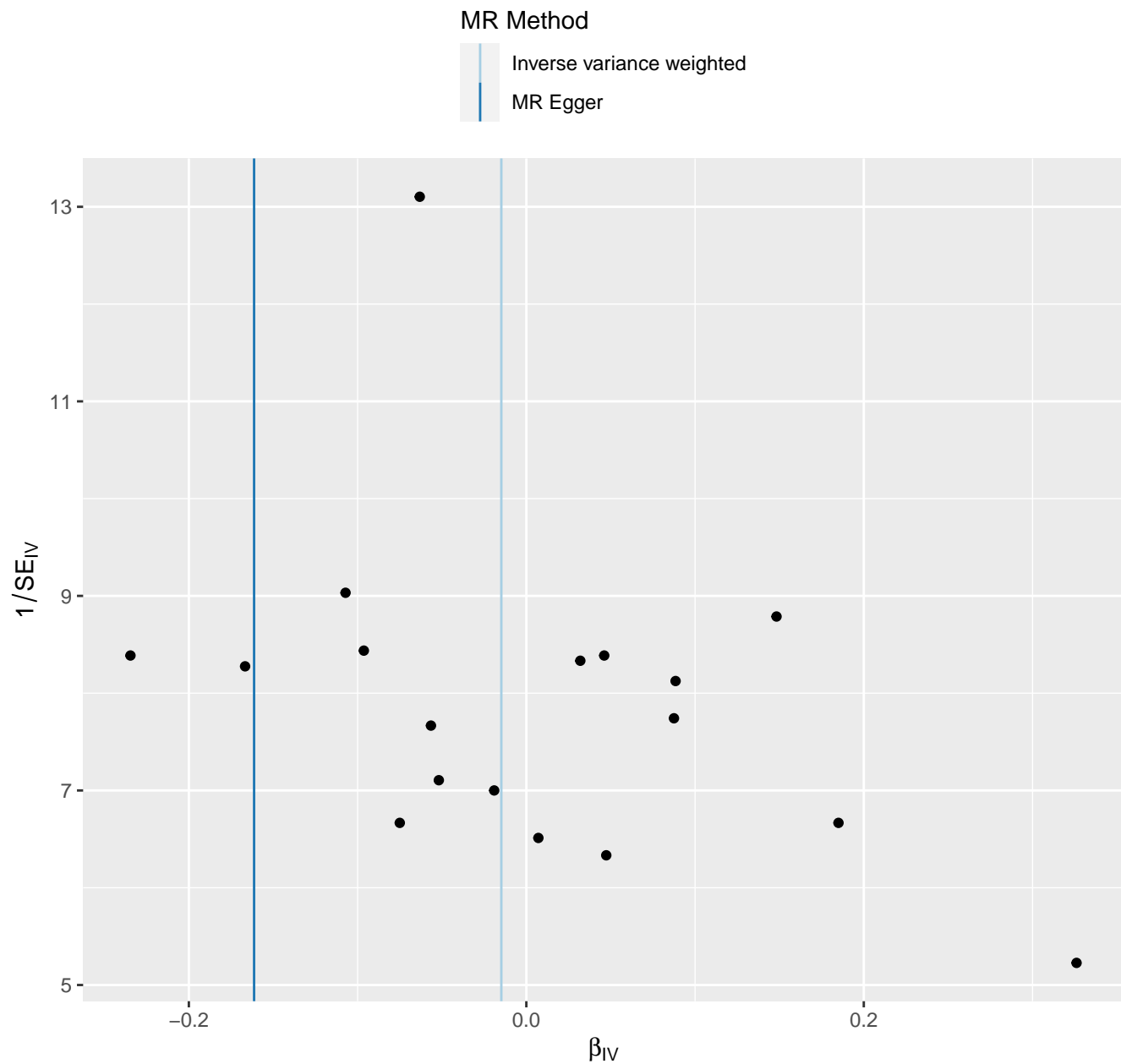


X-11412

MR Method

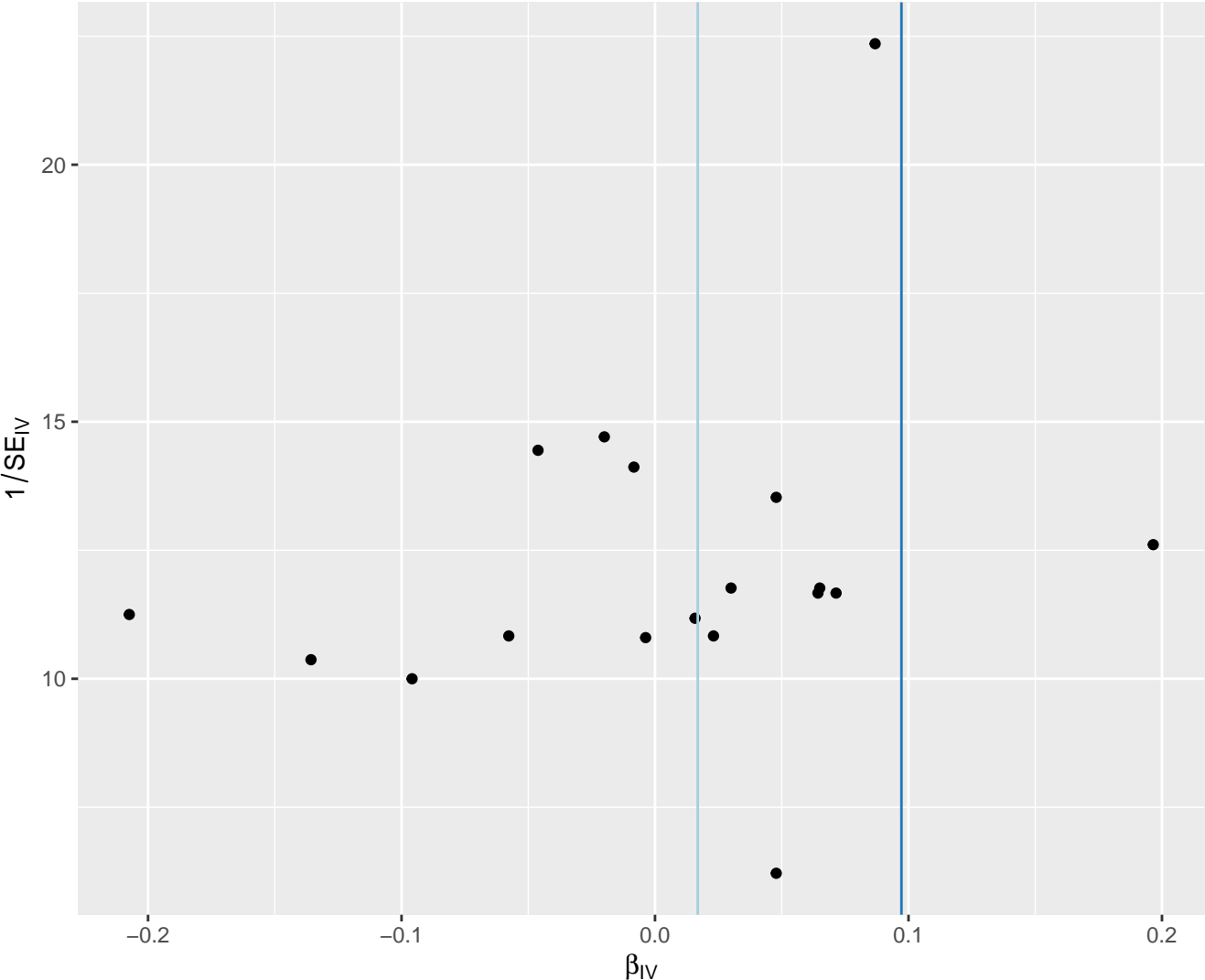
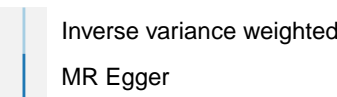


# X-11422--xanthine



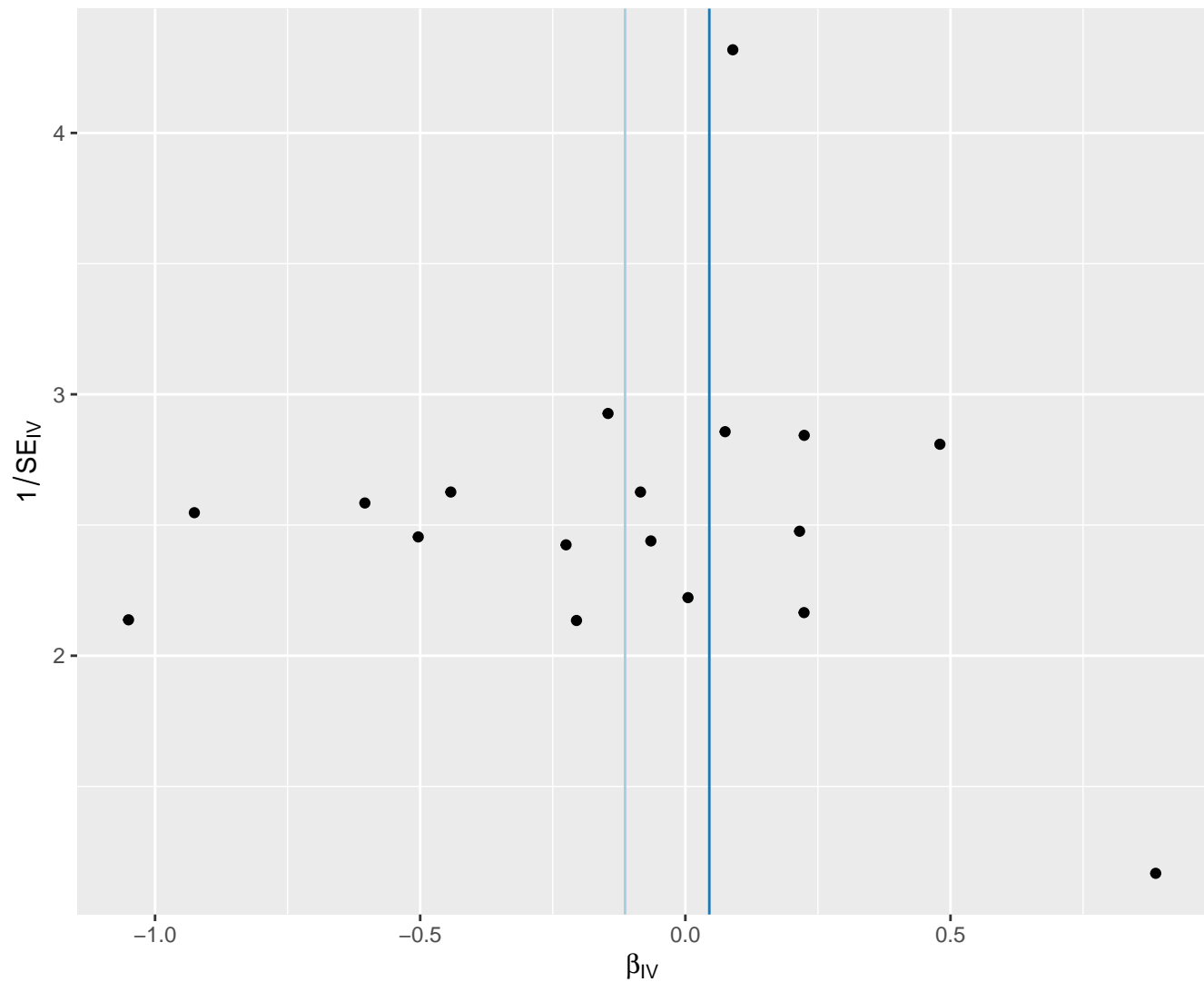
X-11423--O-sulfo-L-tyrosine

MR Method



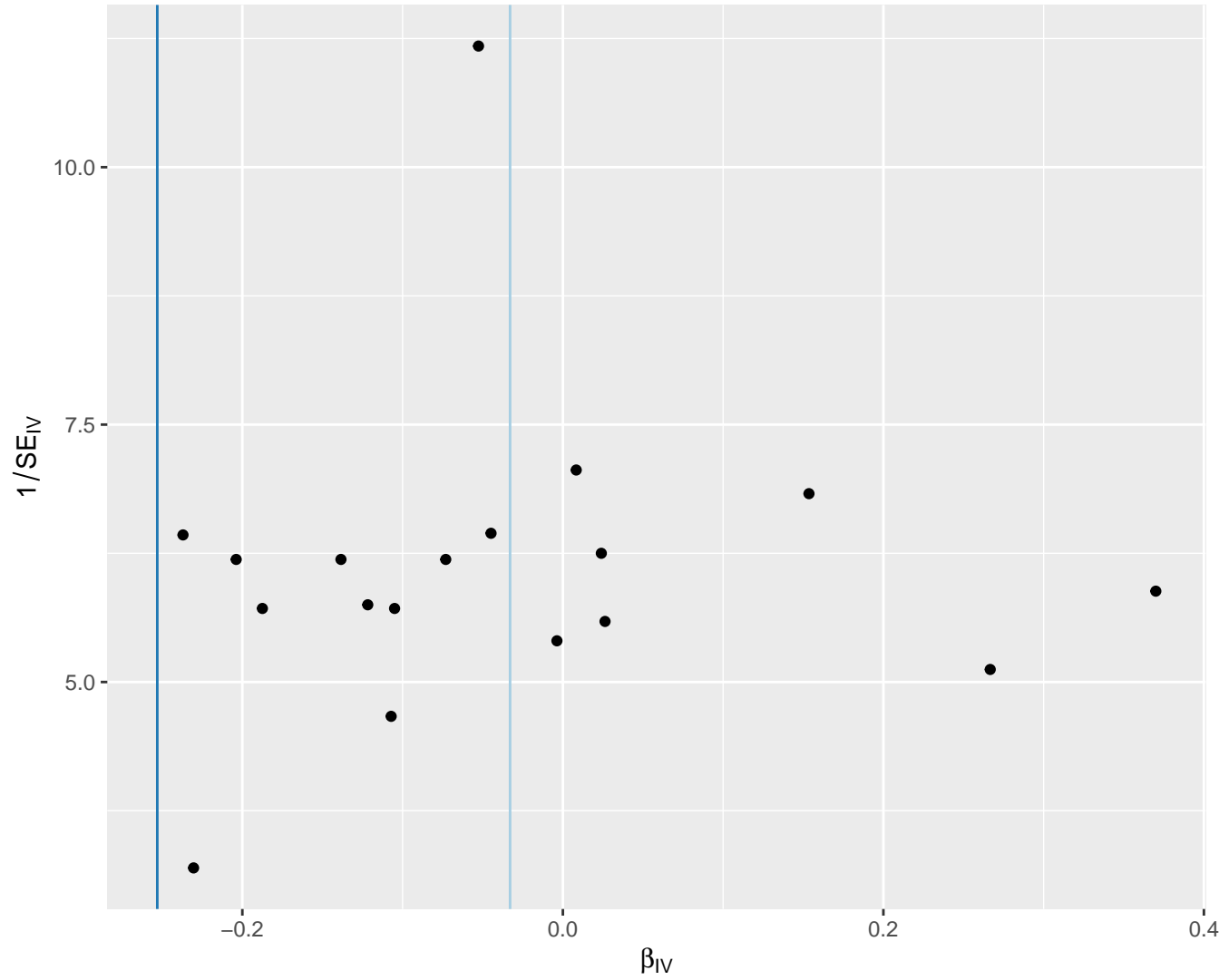
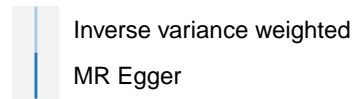
X-11437

MR Method



X-11438

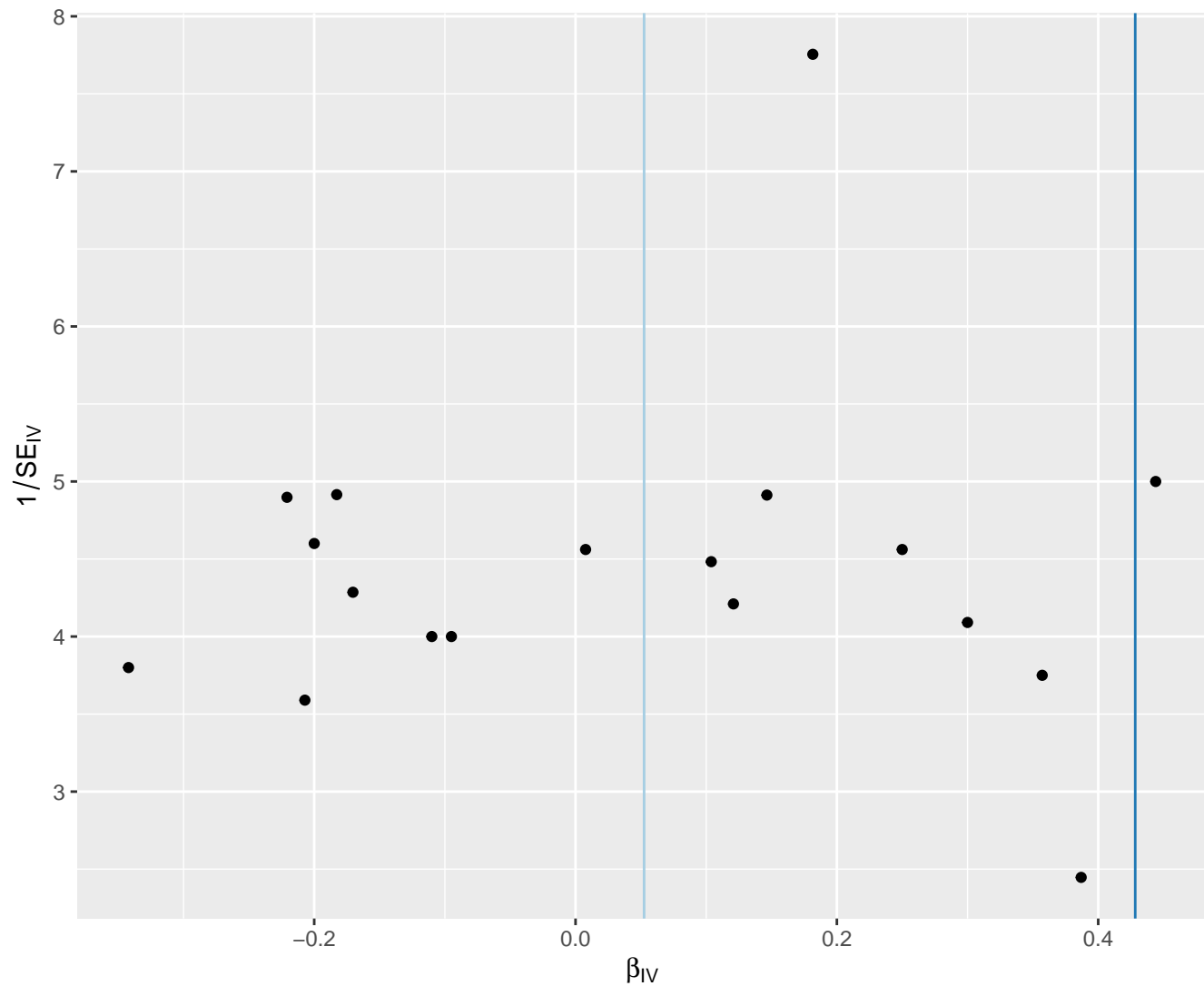
MR Method





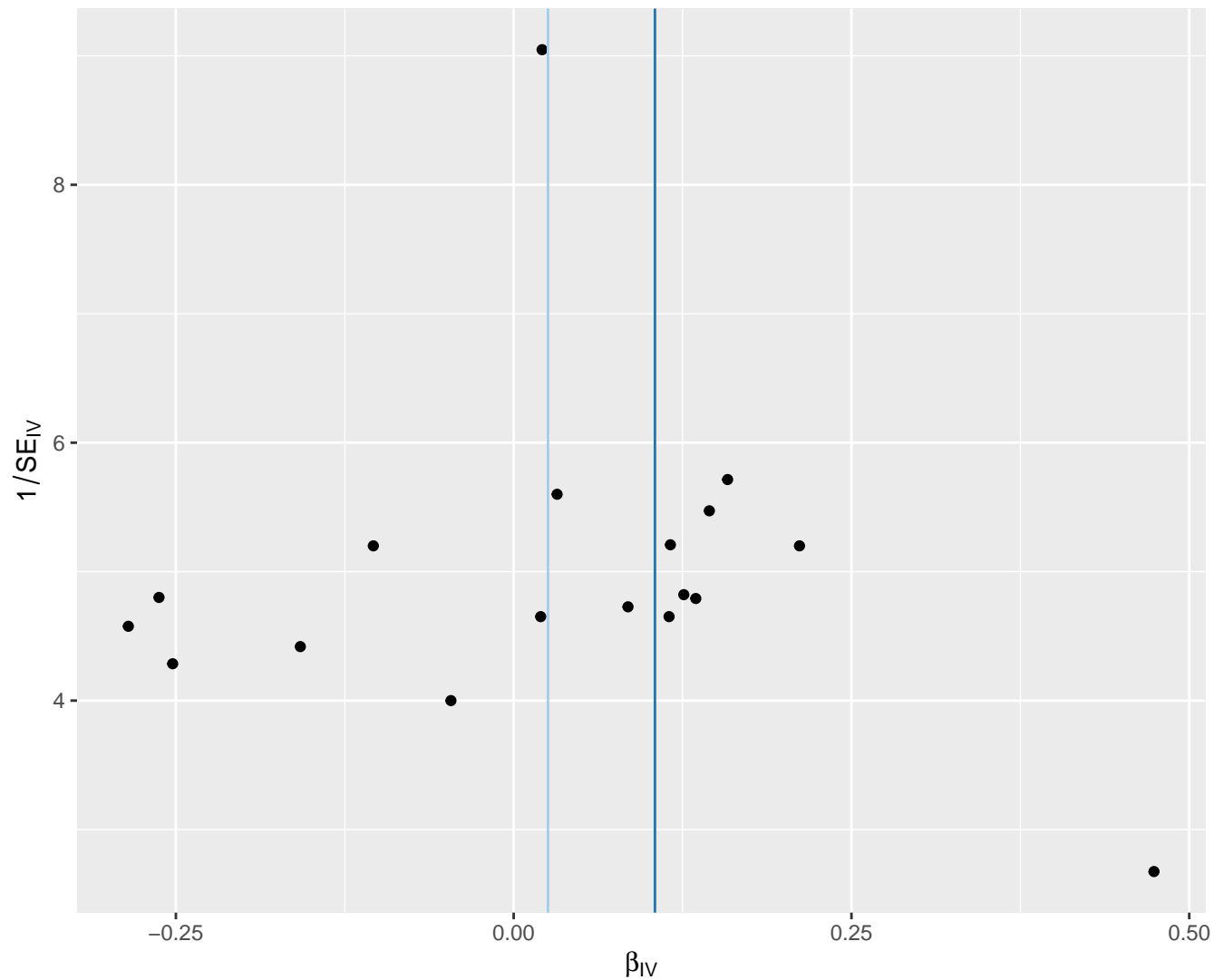
X-11440

MR Method



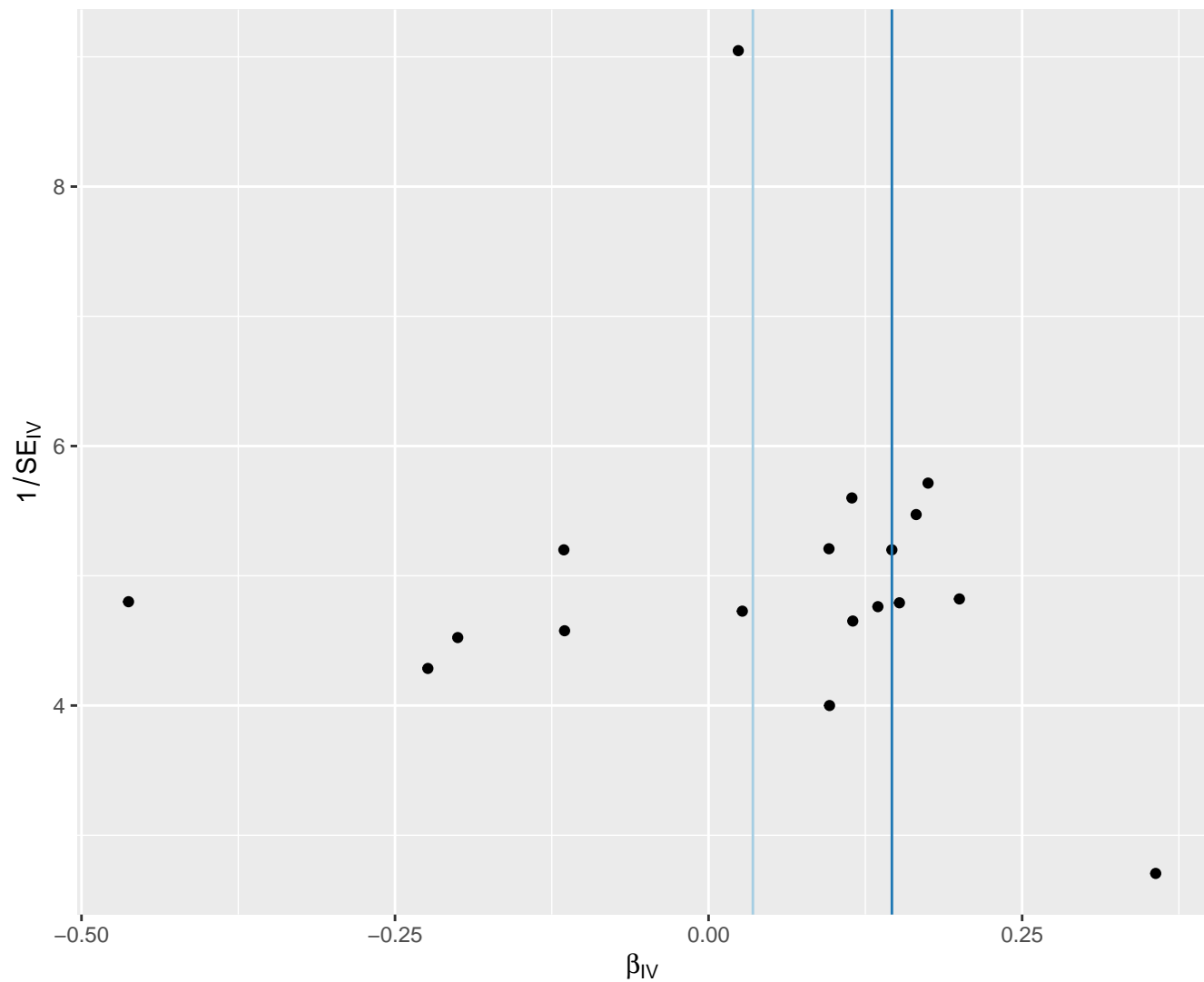
X-11441

MR Method



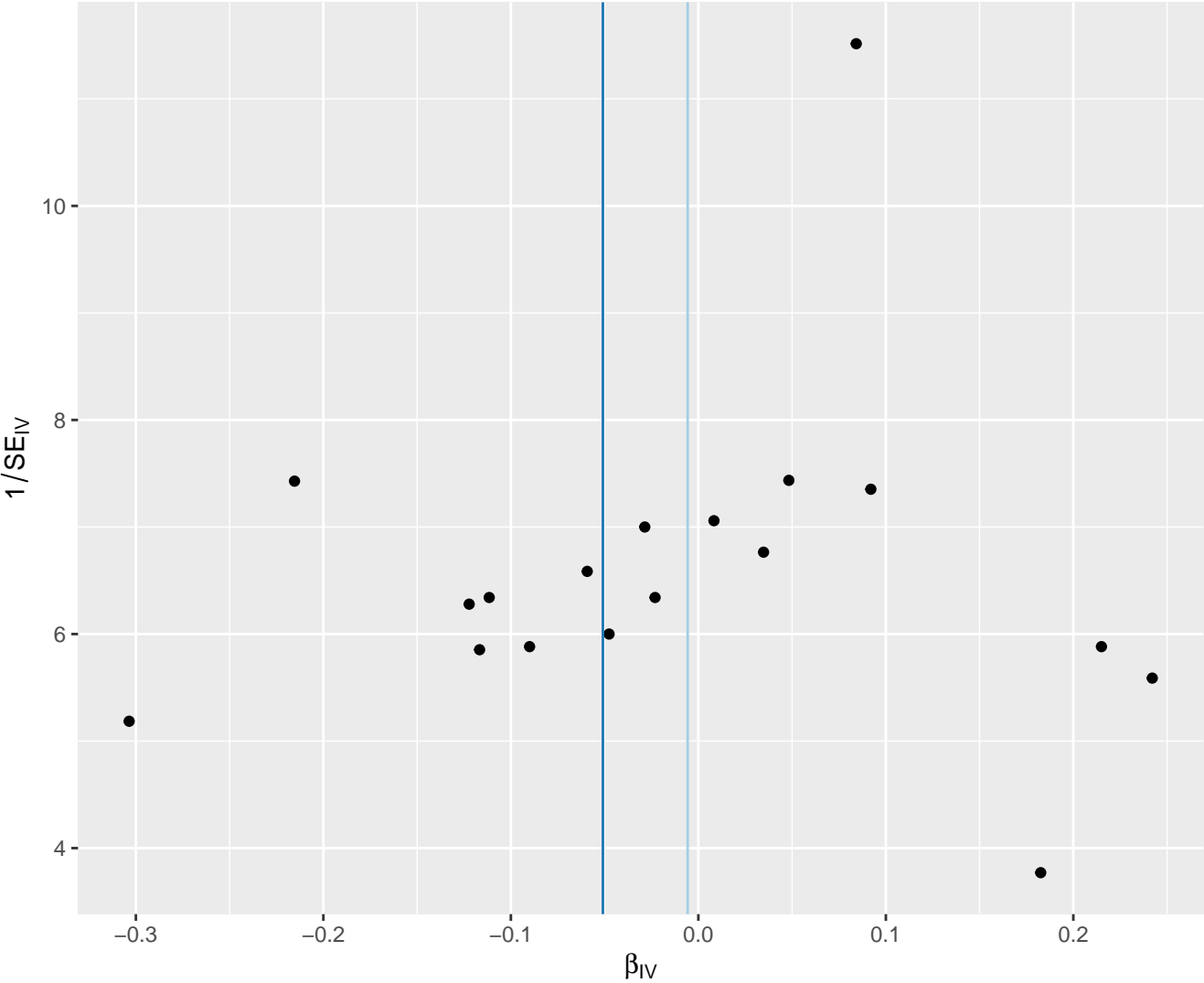
X-11442

MR Method



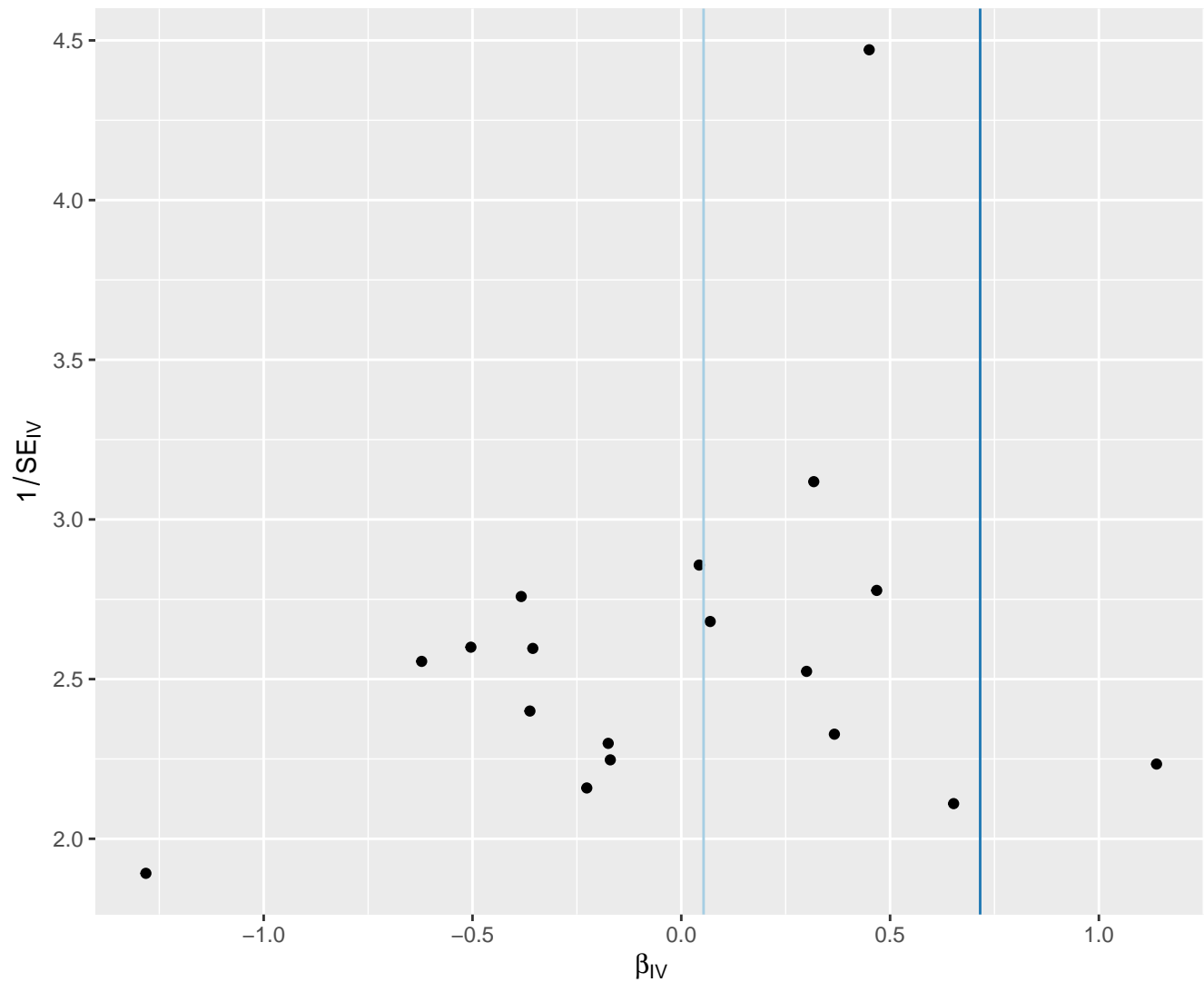
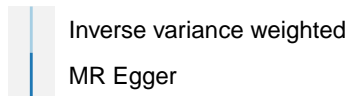
X-11444

MR Method



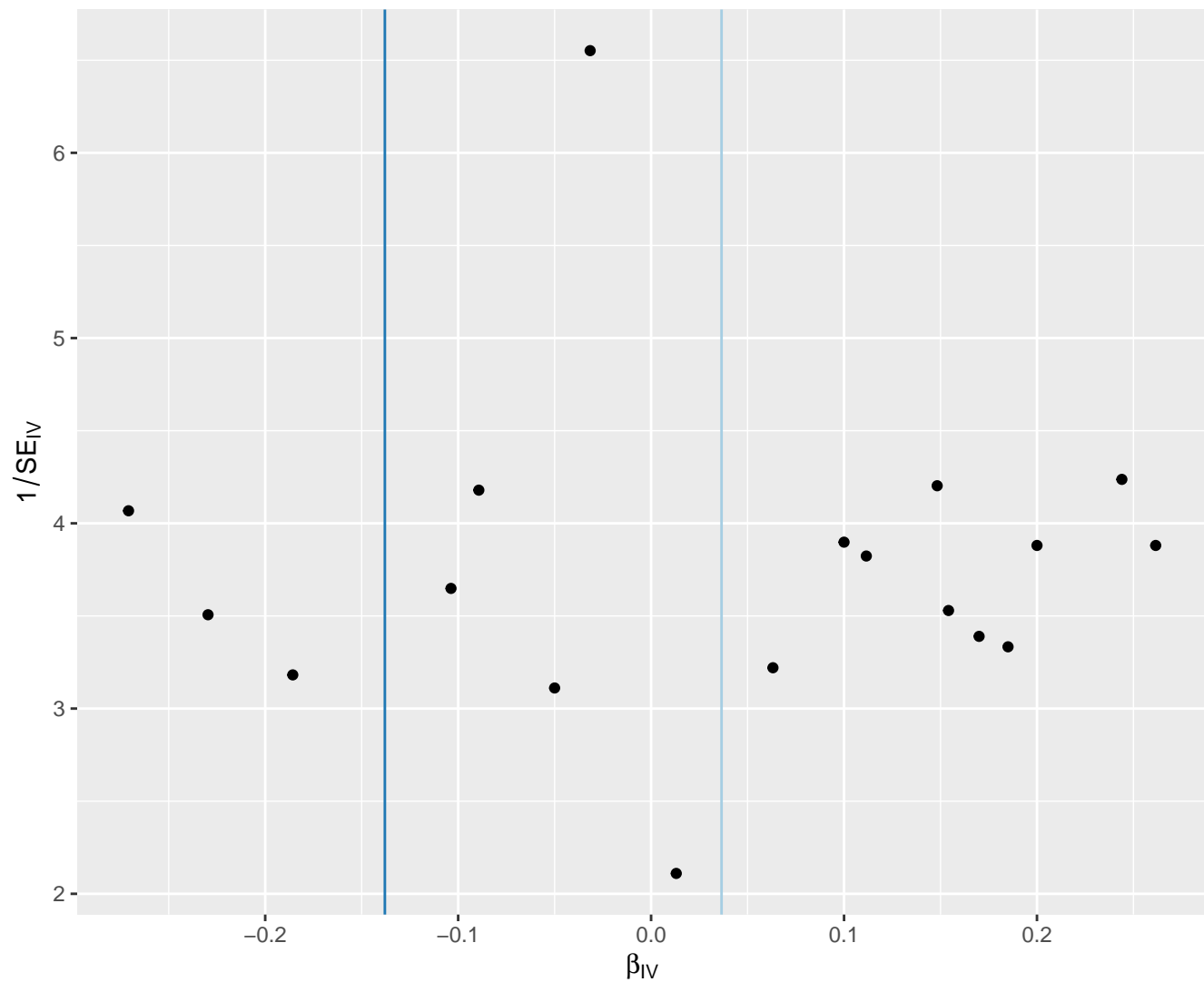
# X-11445--5-alpha-pregnan-3beta,20alpha-disulfate

MR Method



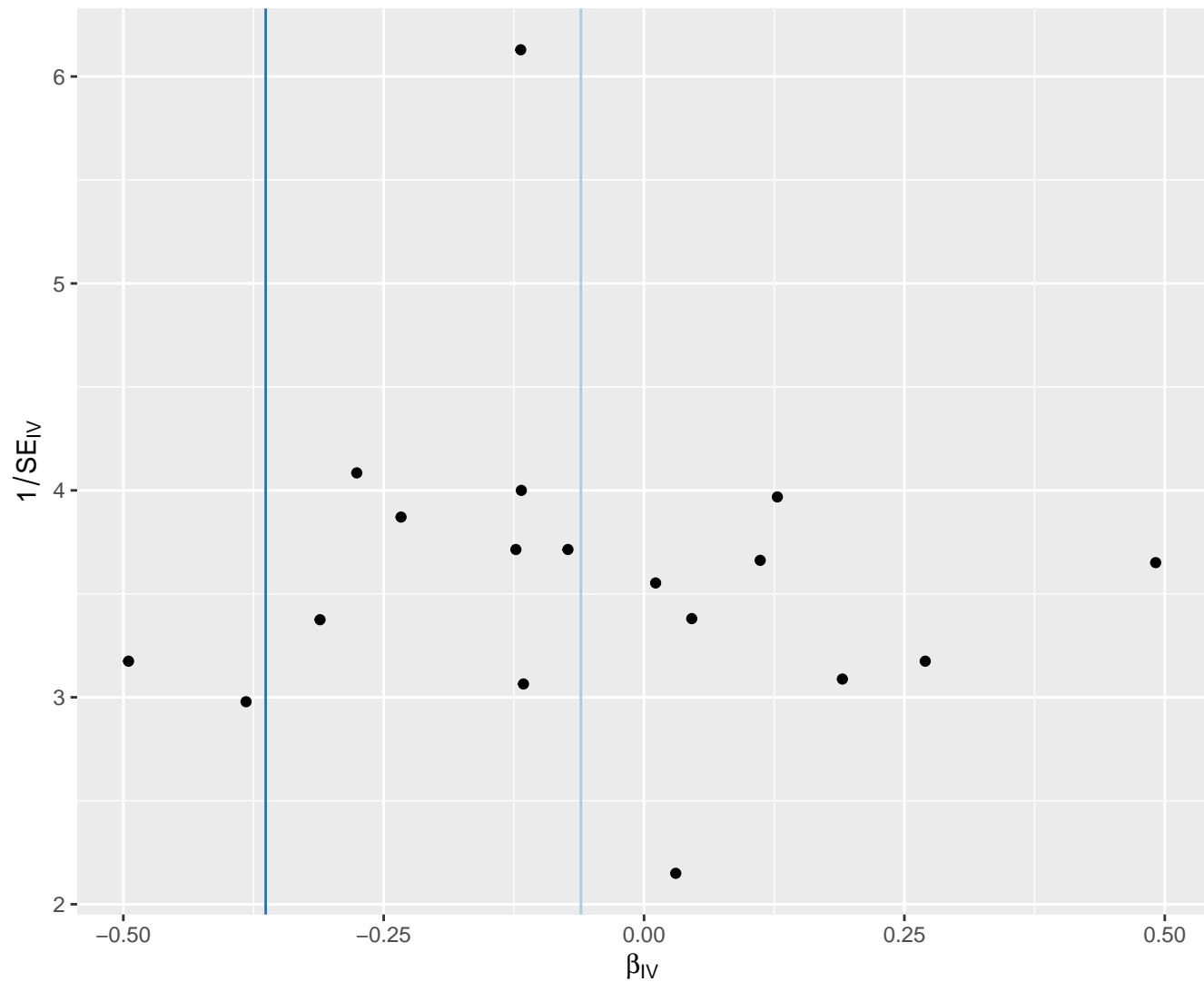
X-11452

MR Method



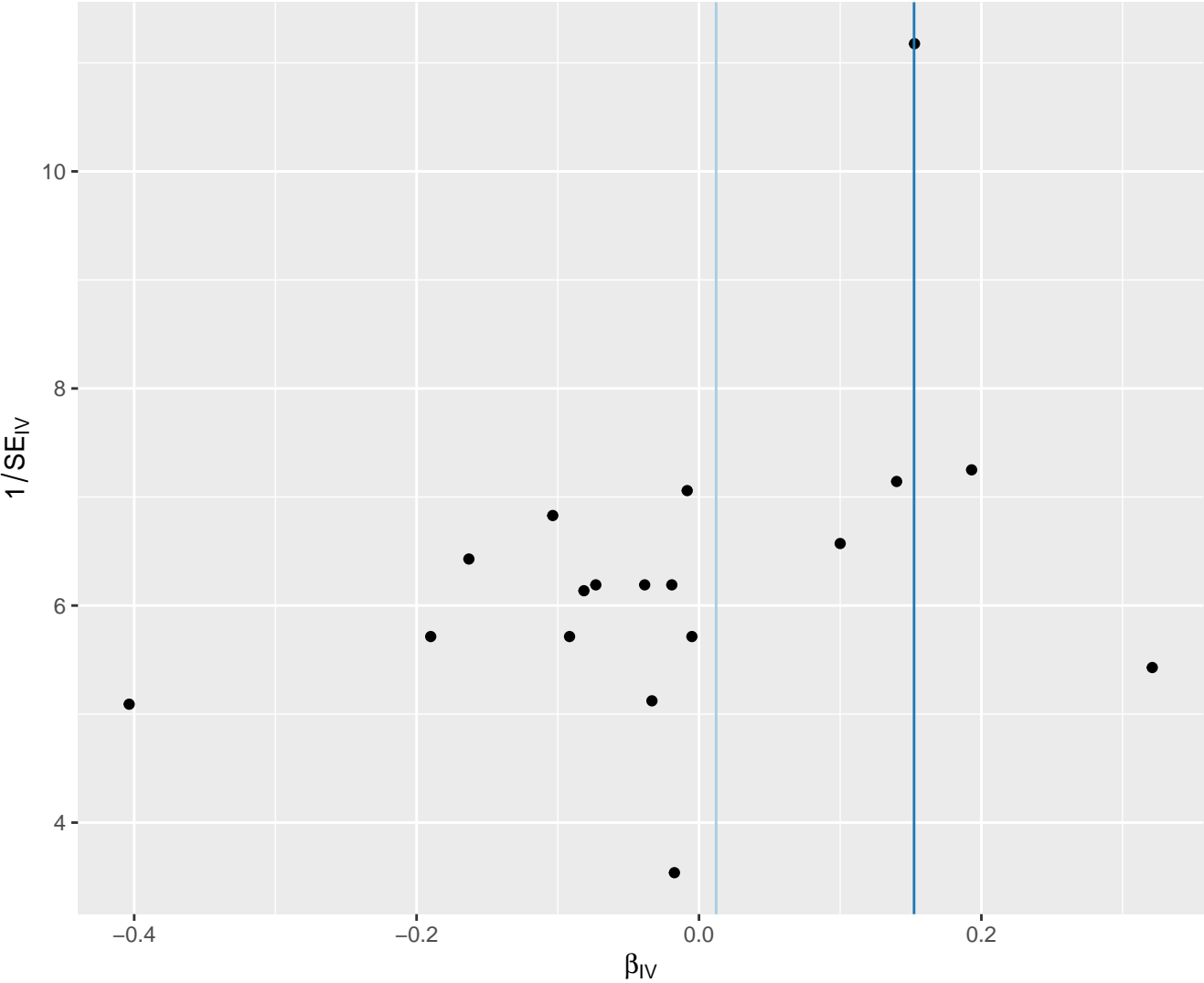
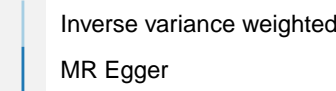
X-11469

MR Method



X-11470

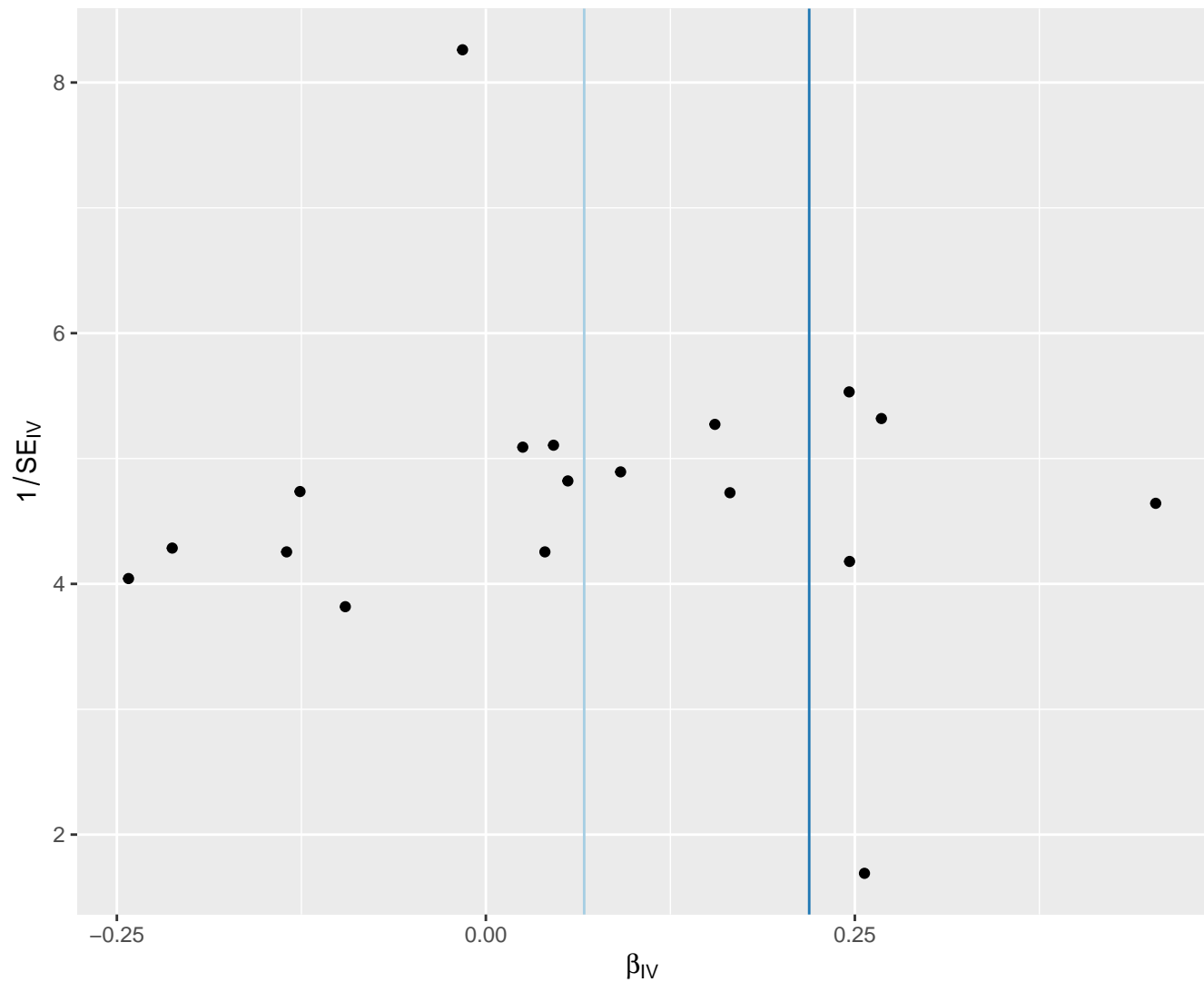
MR Method





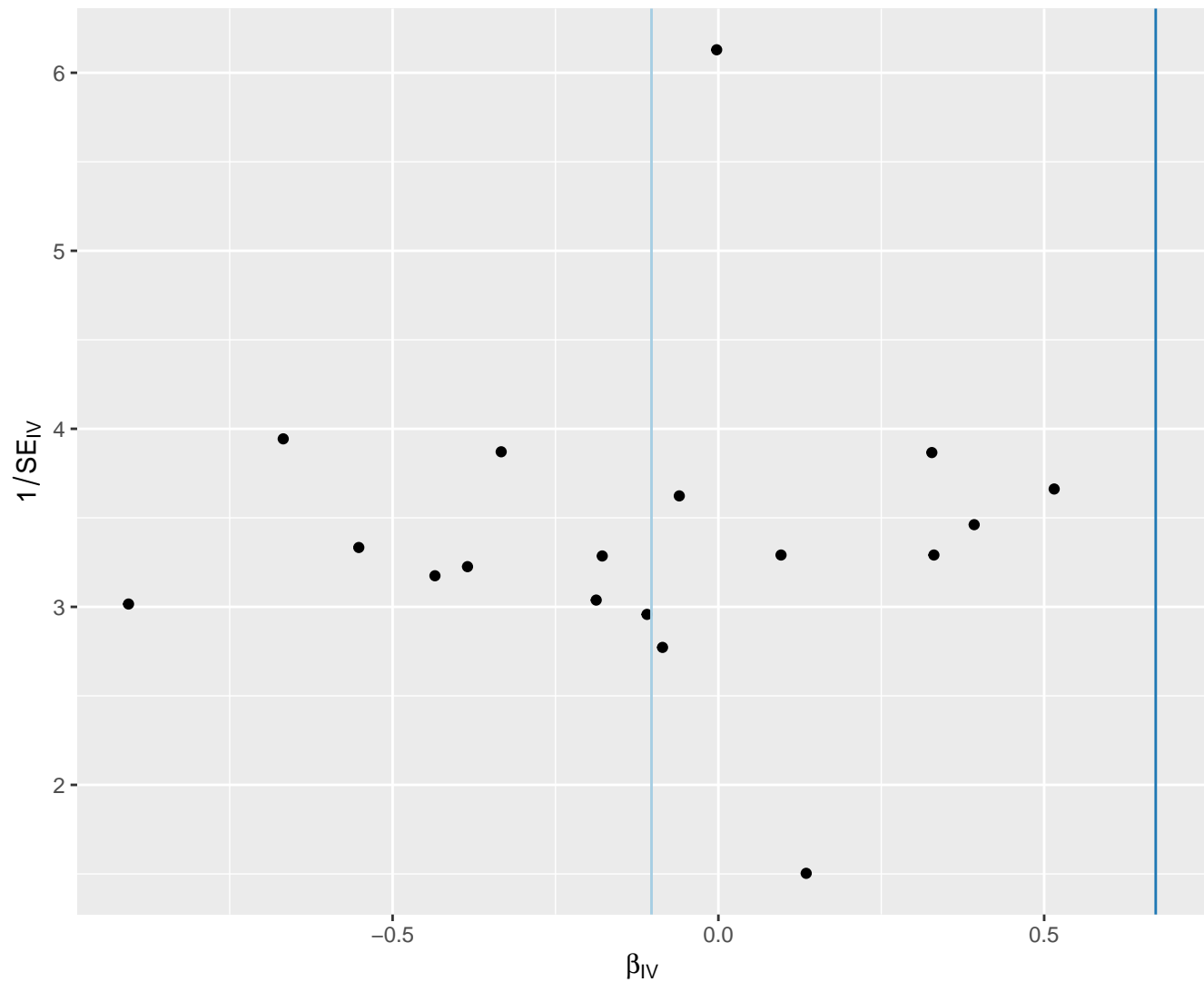
X-11478

MR Method



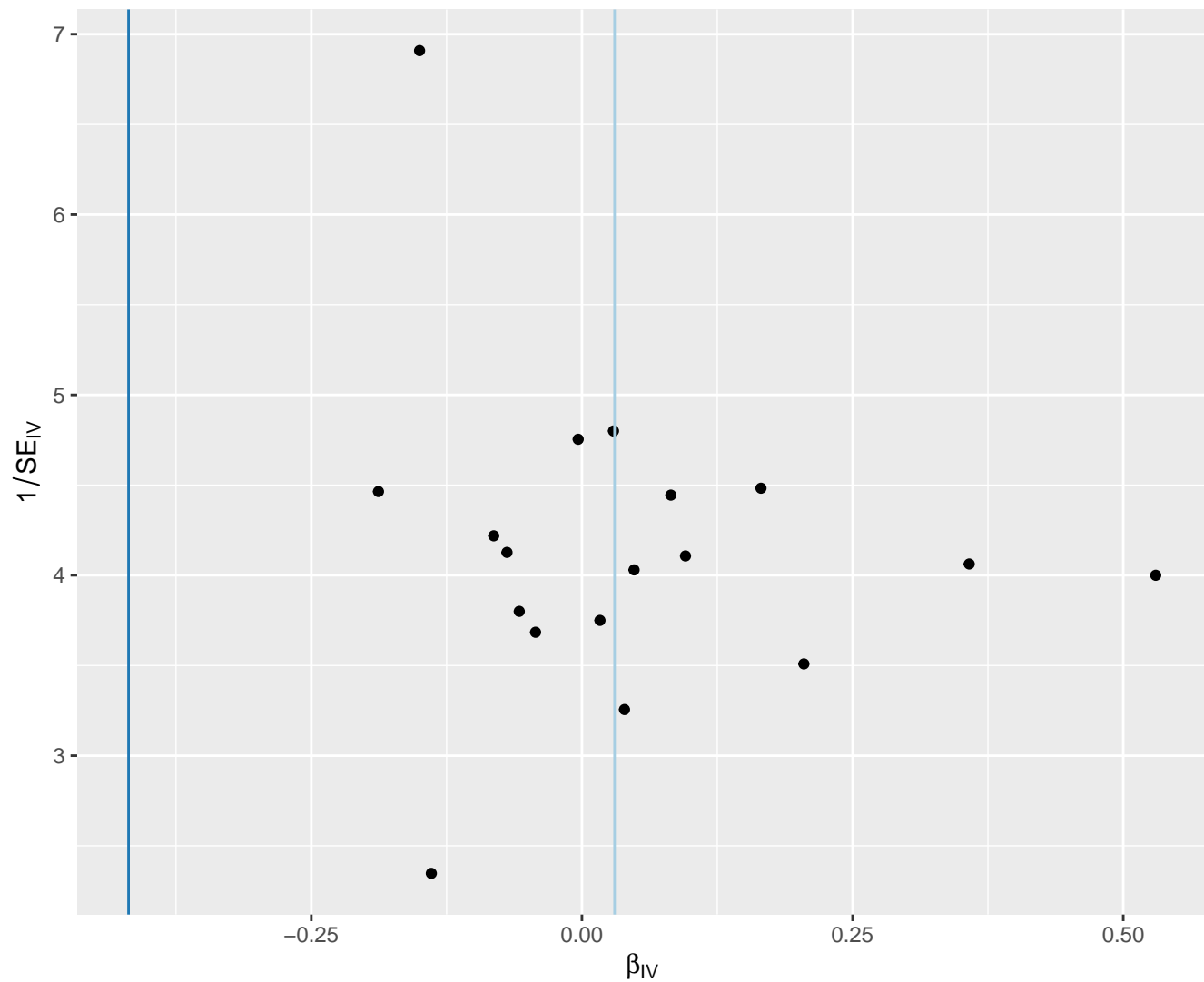
X-11483

MR Method



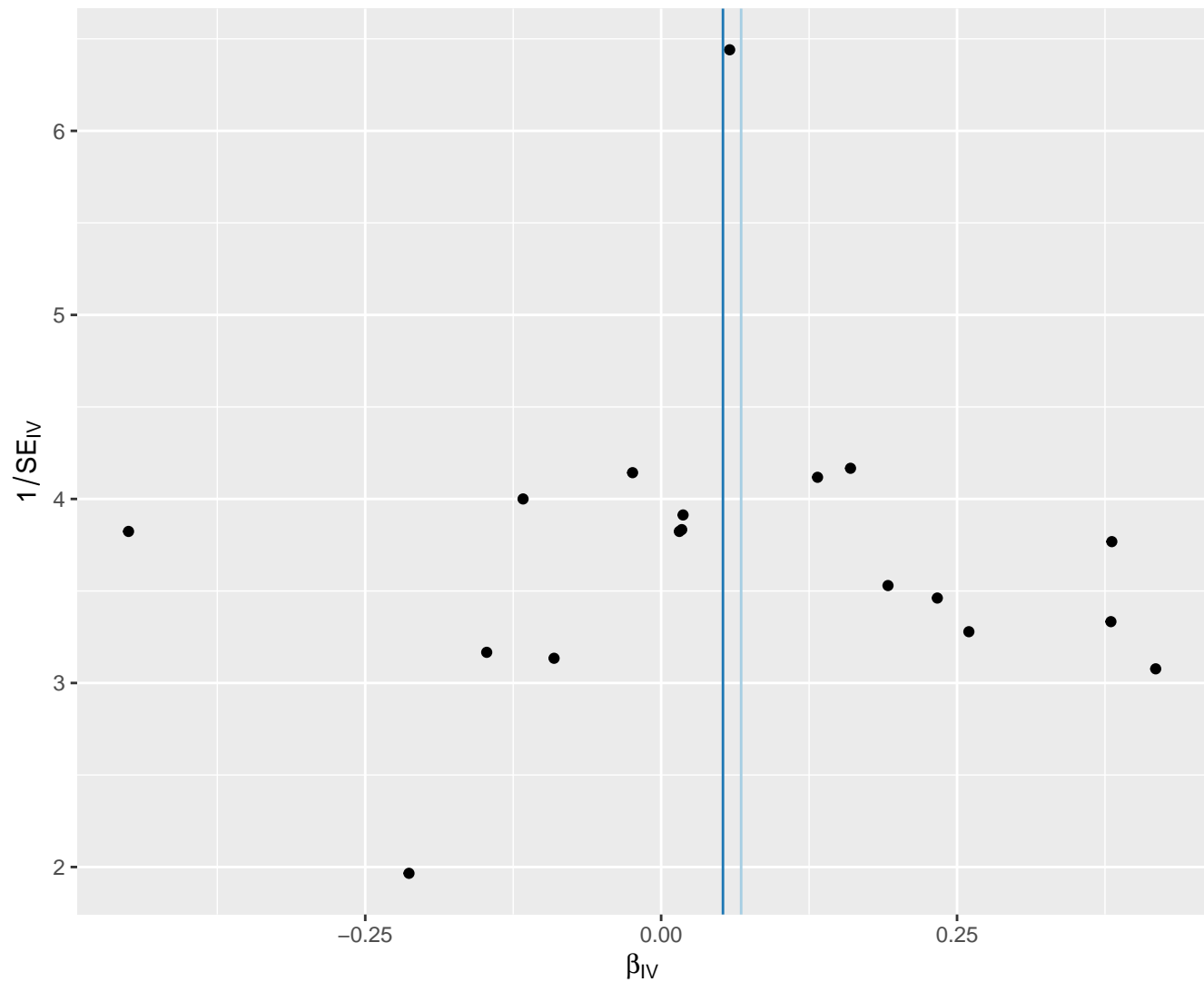
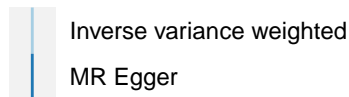
X-11485

MR Method



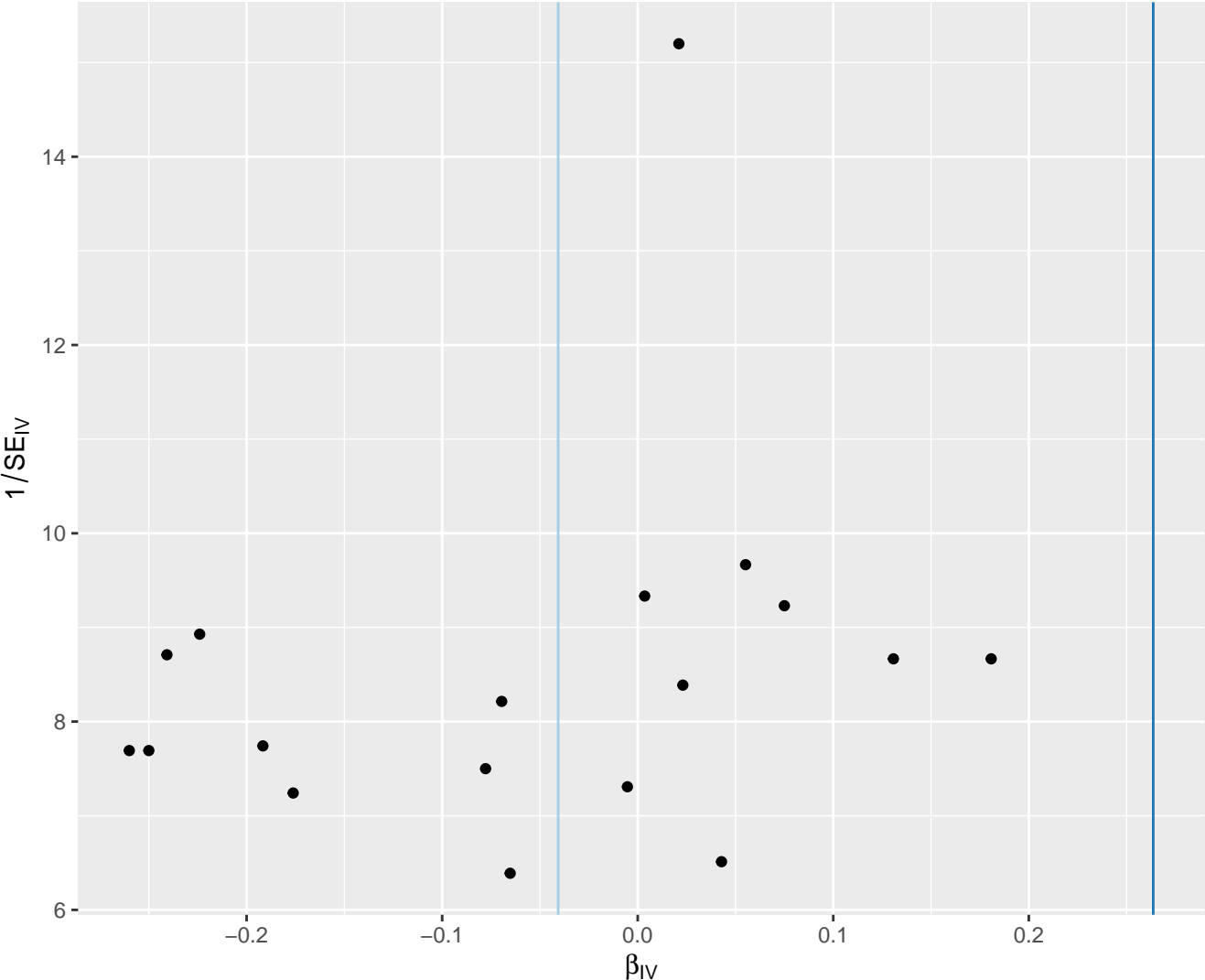
X-11491

MR Method



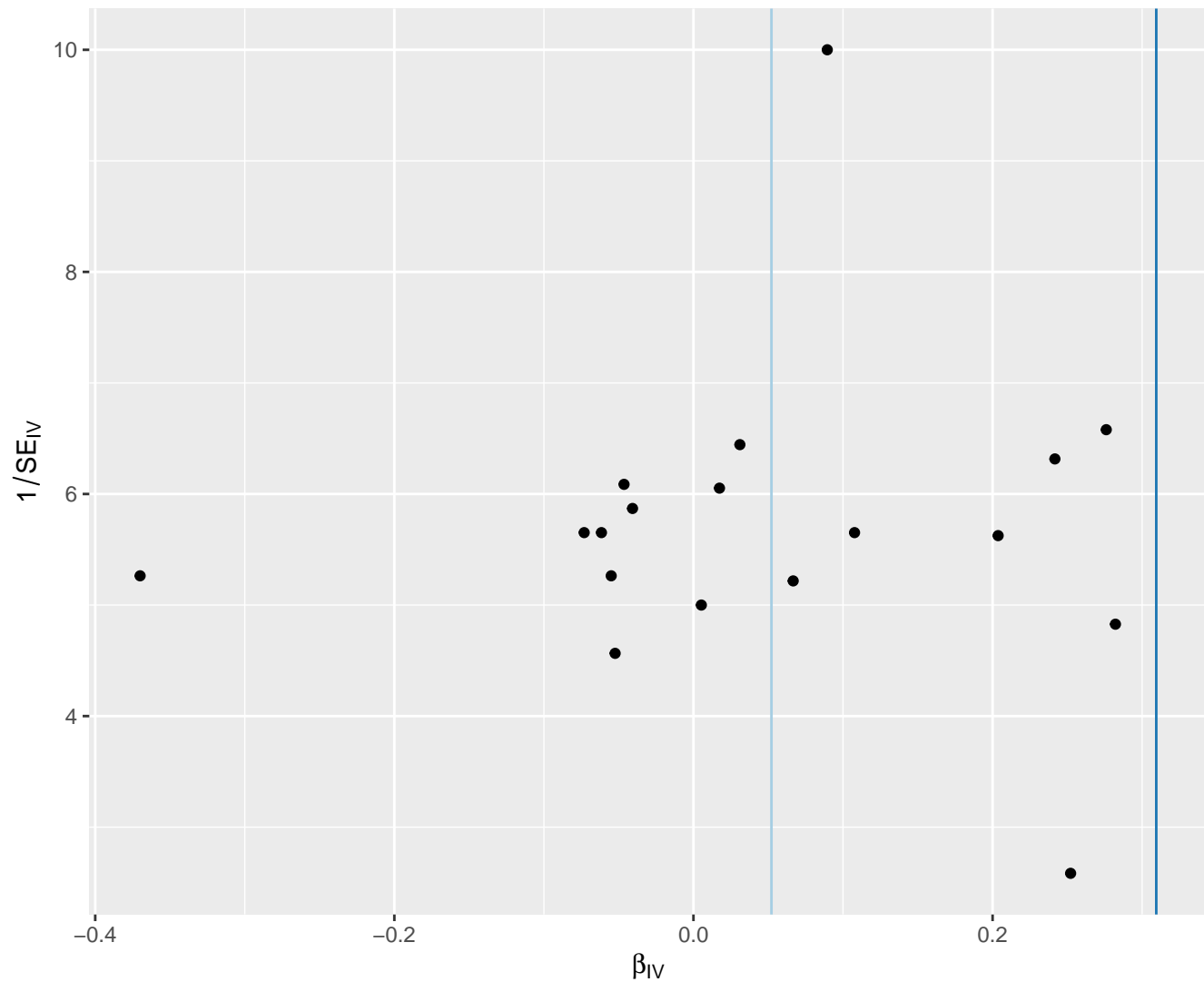
X-11497

MR Method



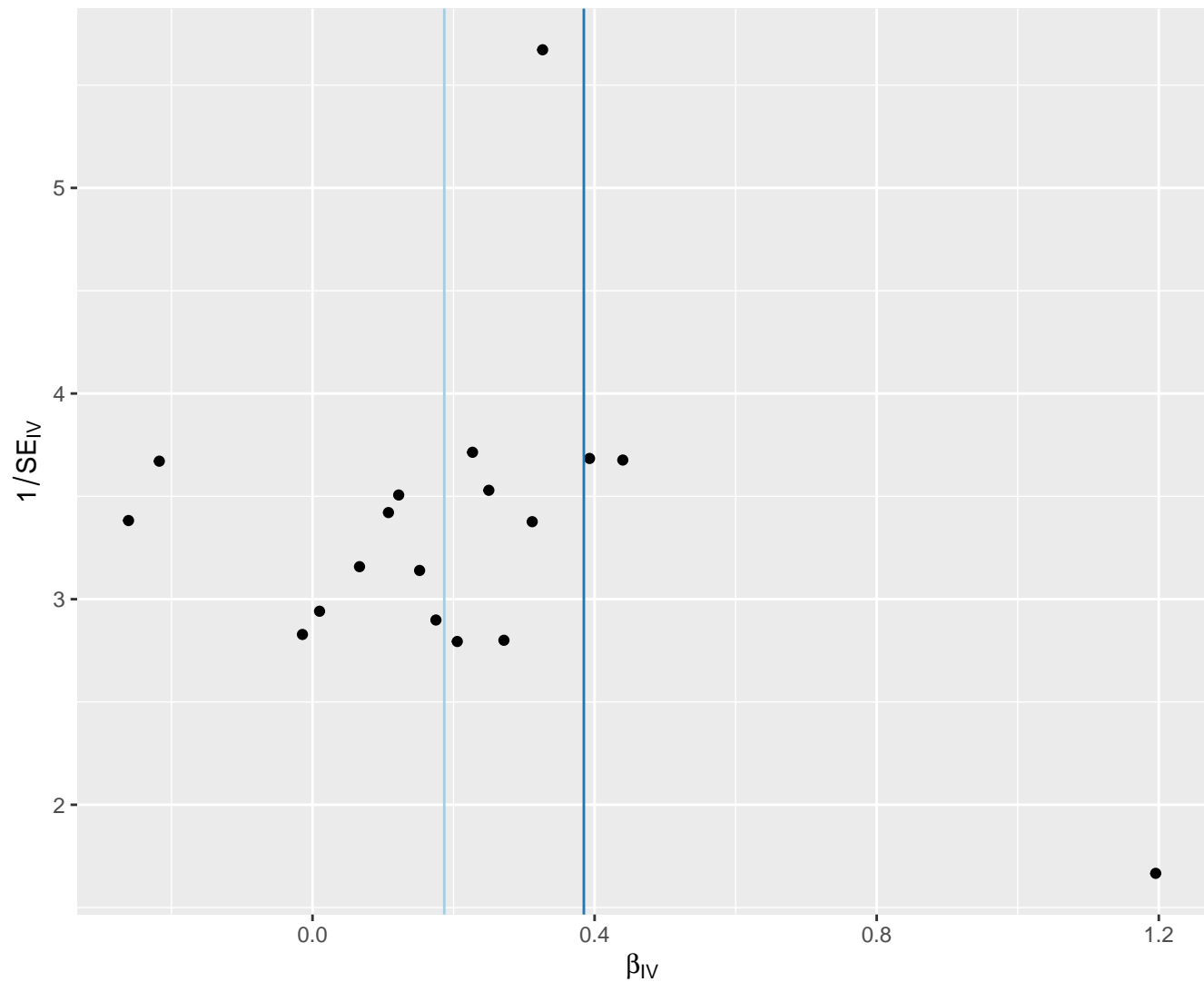
X-11521

MR Method



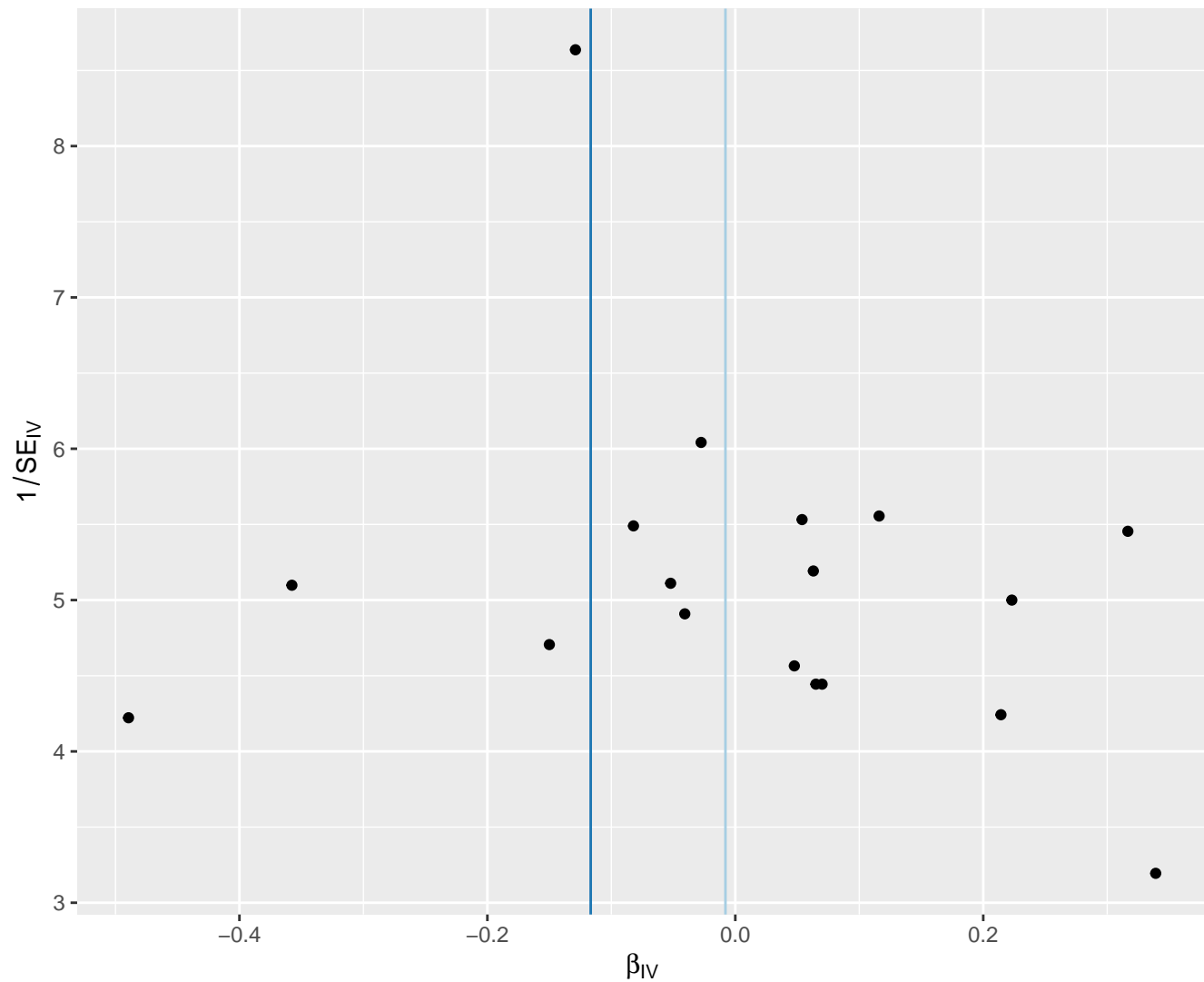
X-11529

MR Method



X-11530

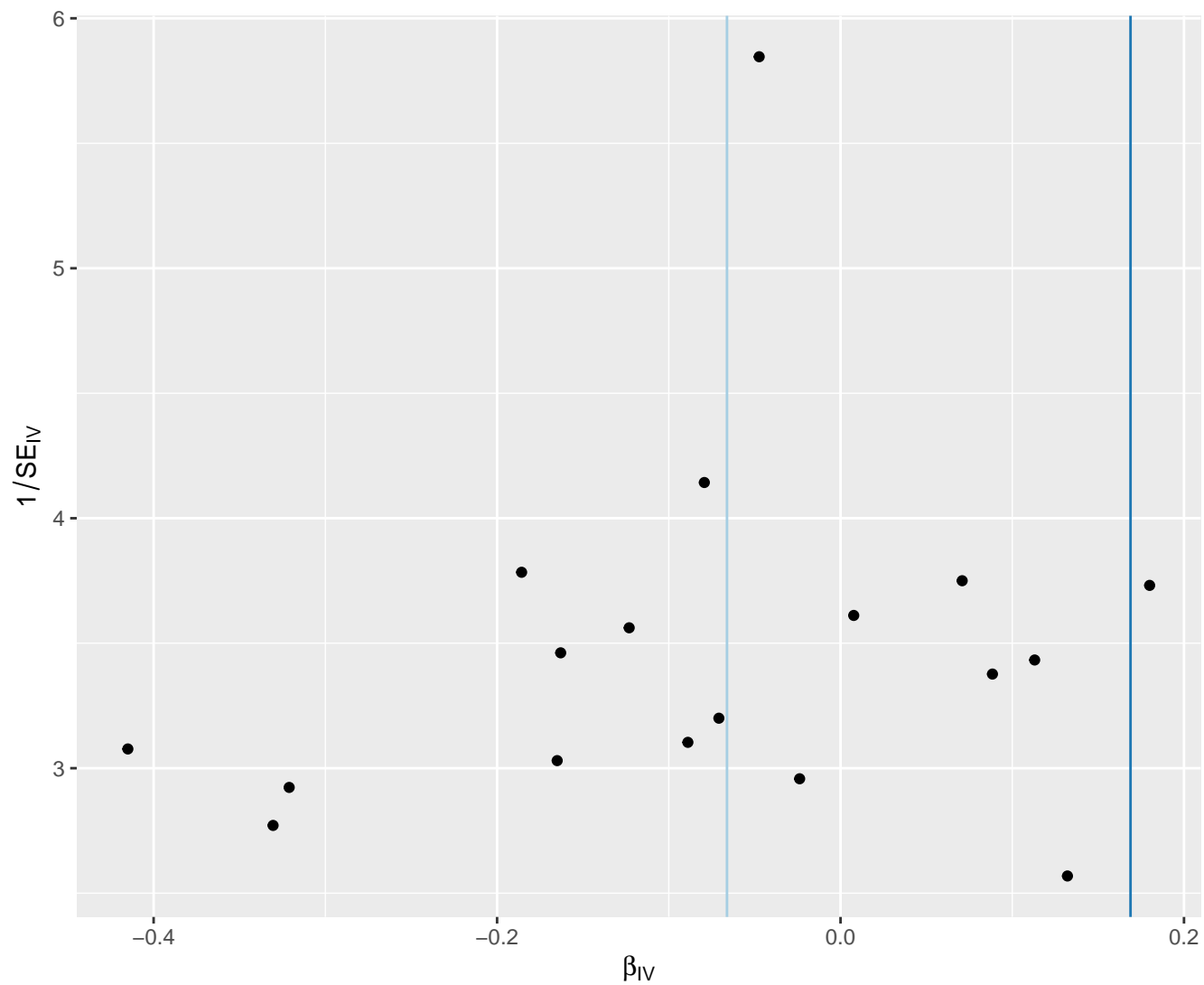
MR Method





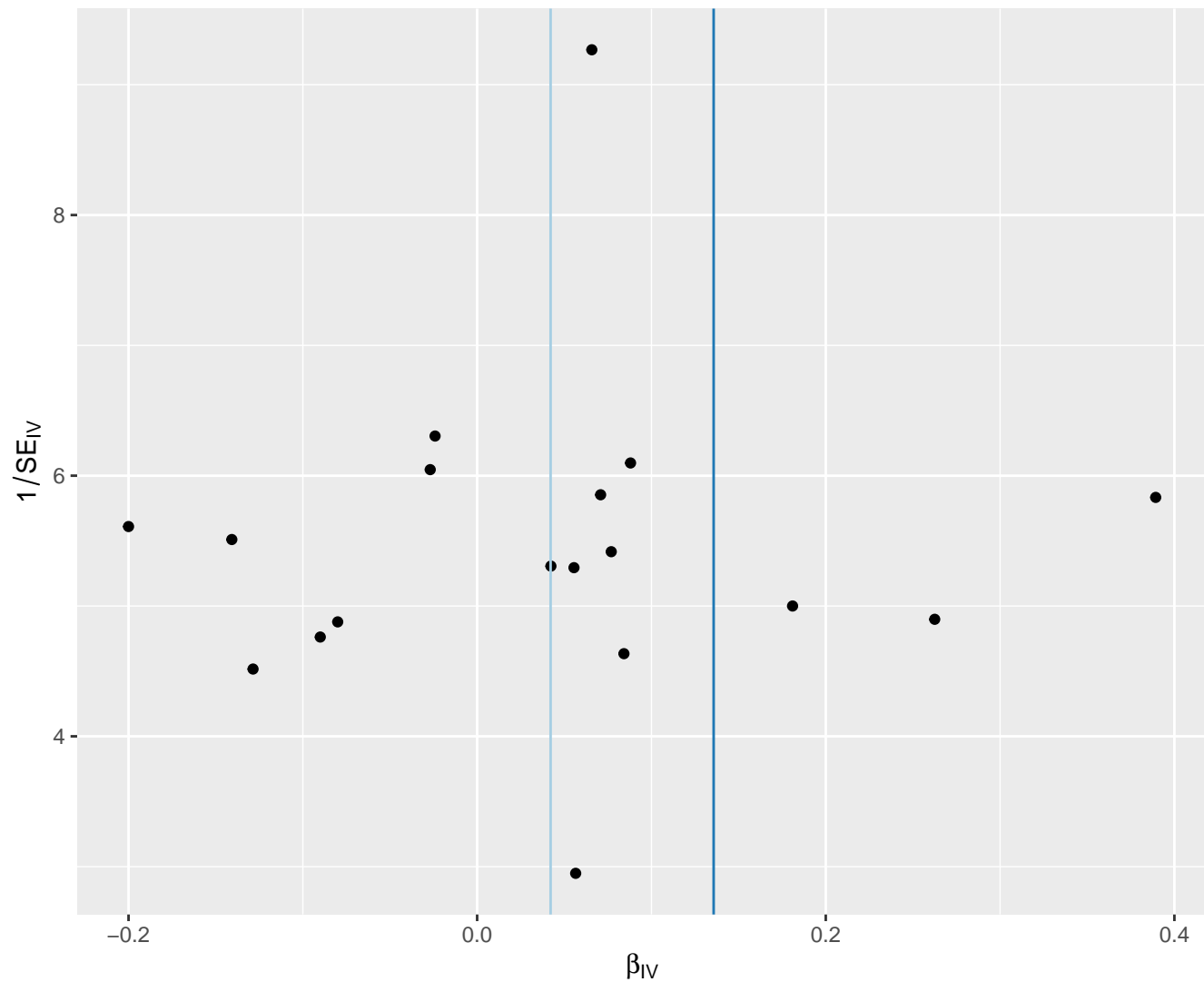
X-11537

MR Method



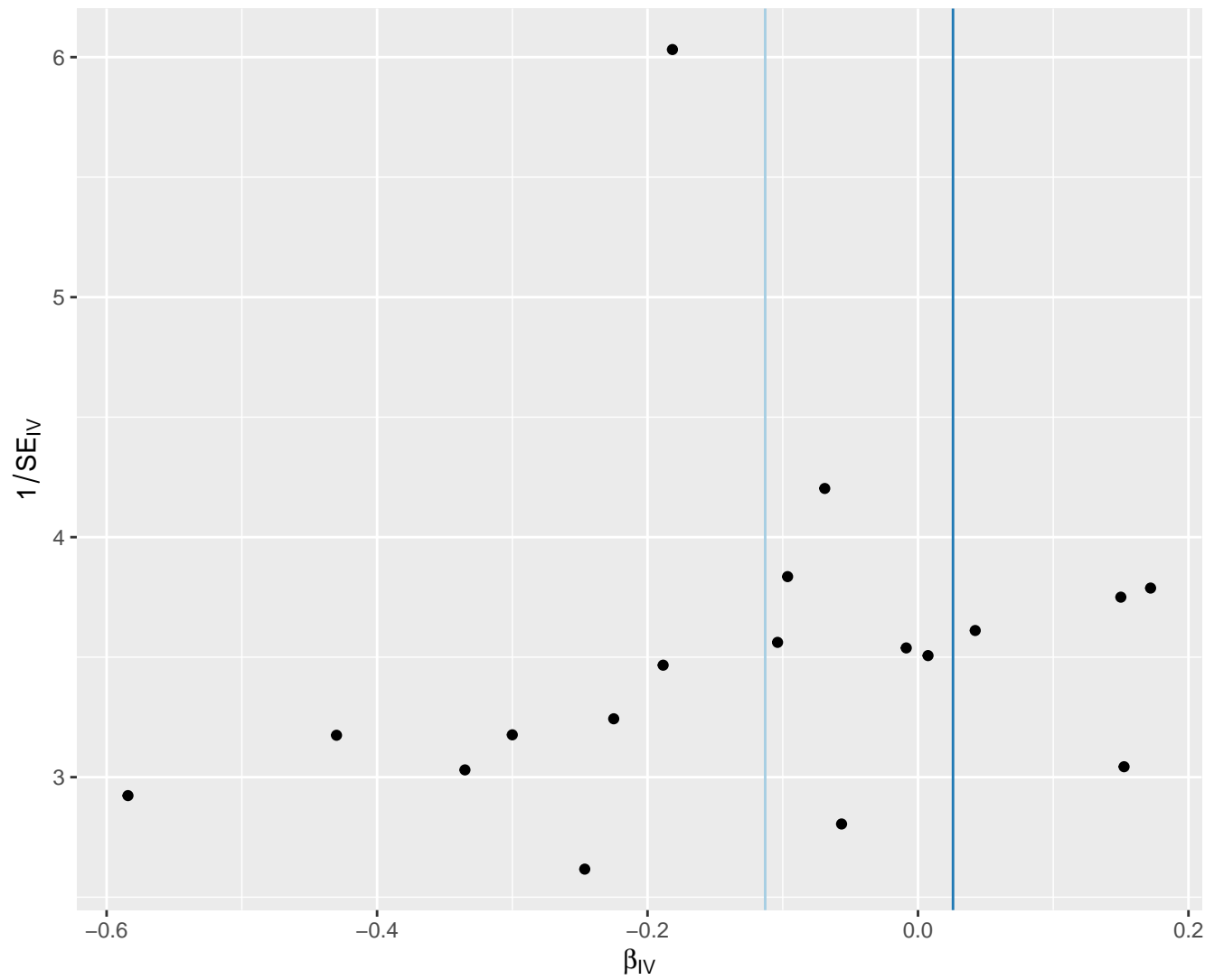
X-11538

MR Method



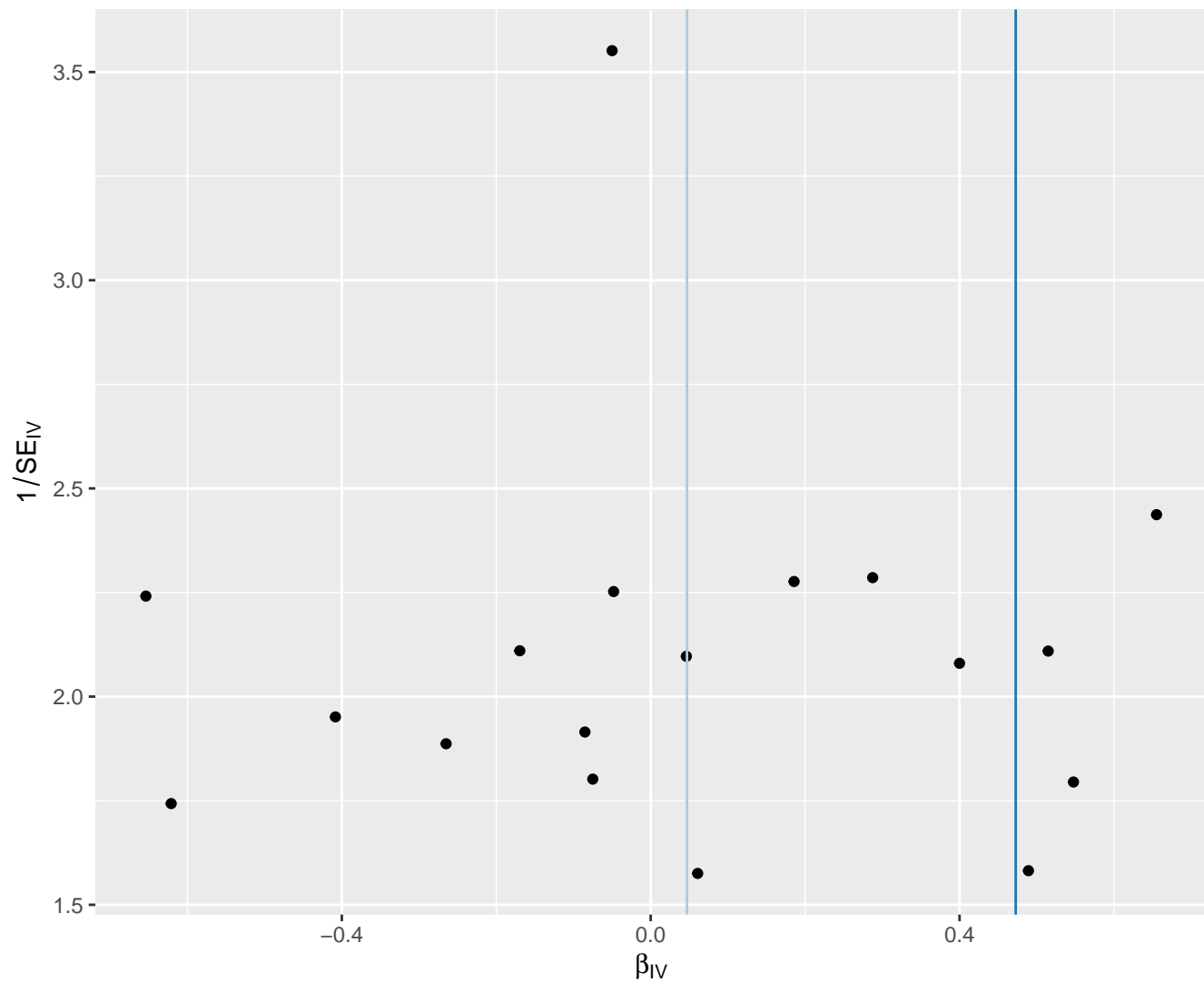
X-11540

MR Method



X-11546

MR Method



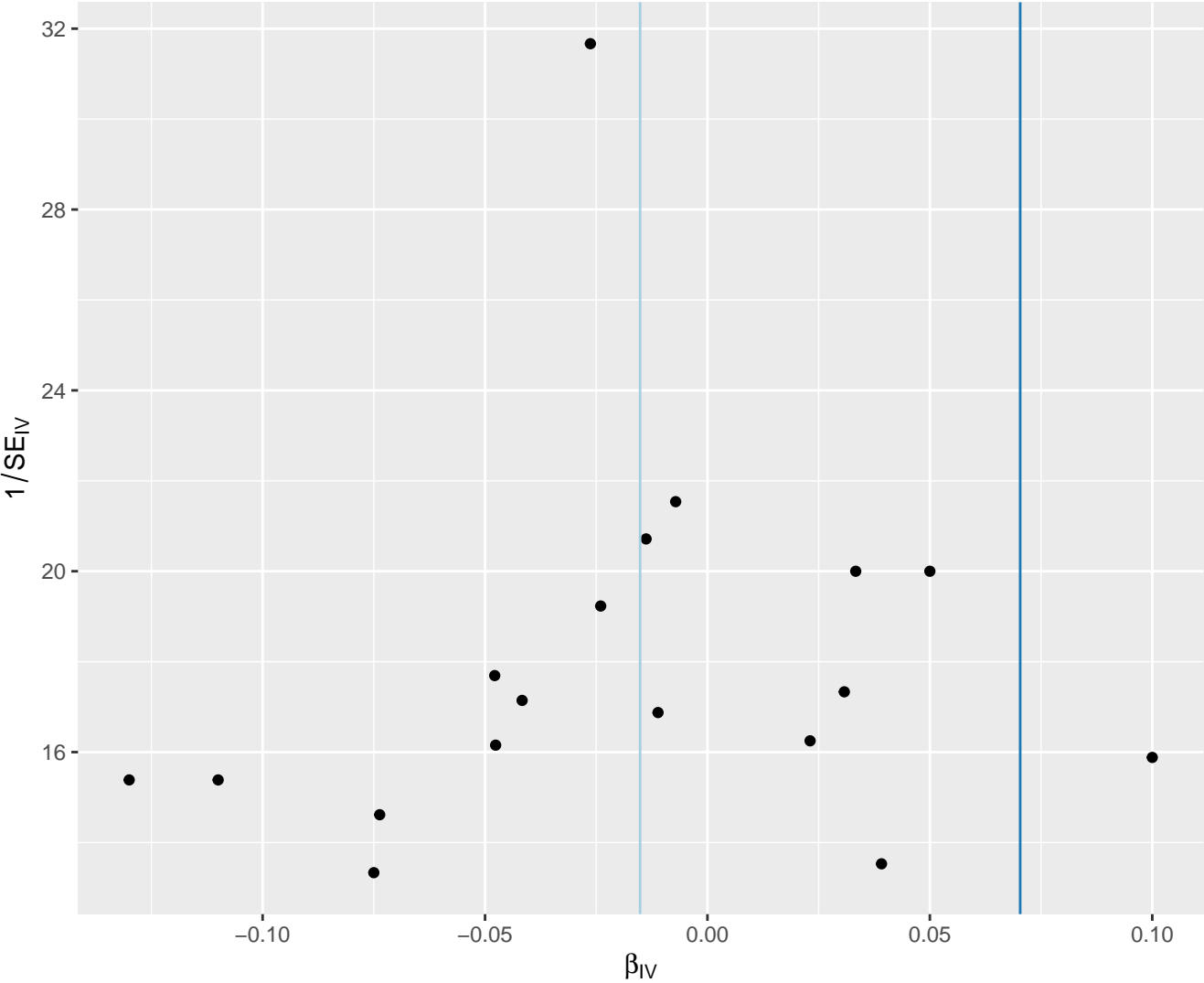
X-11550

MR Method



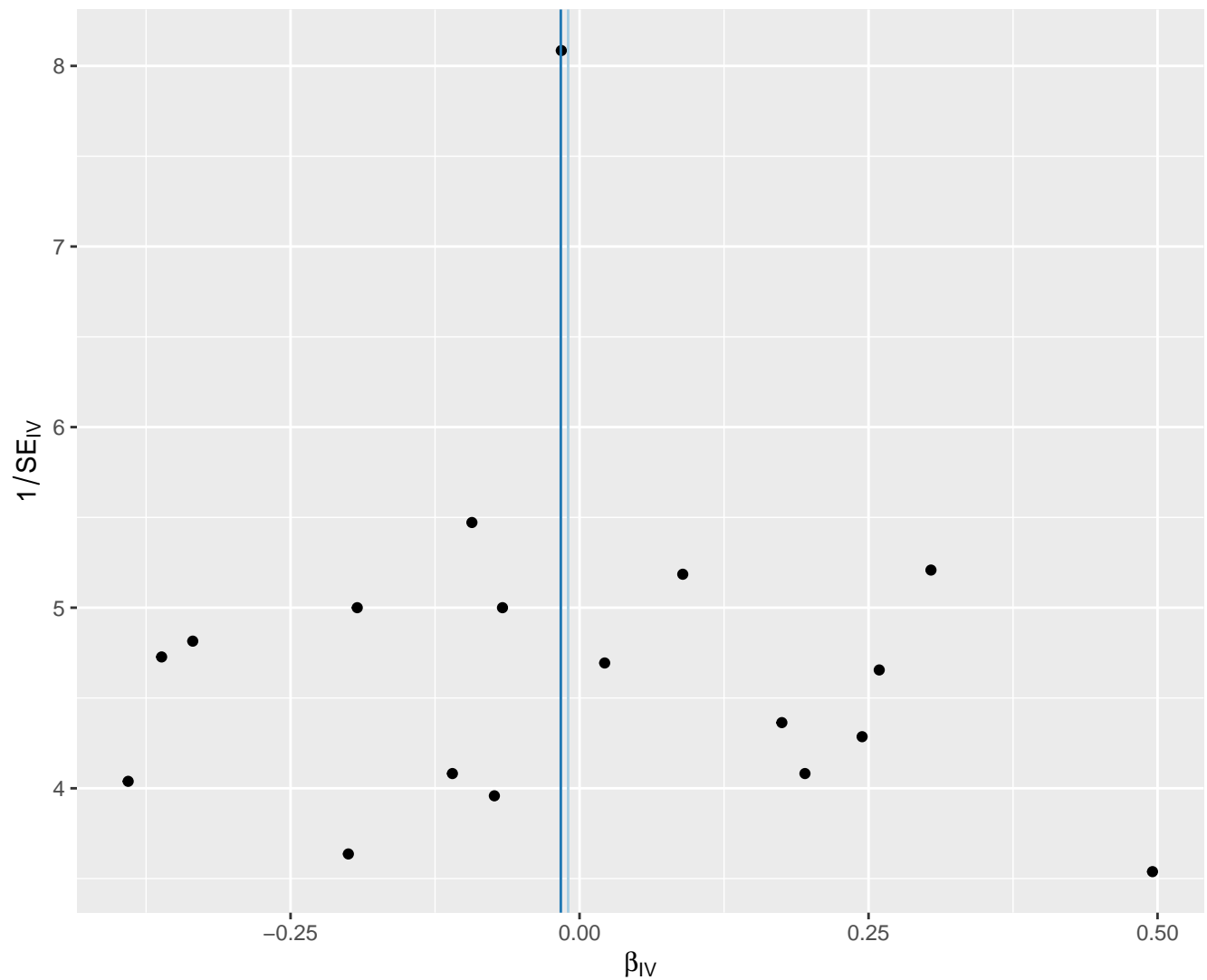
Inverse variance weighted

MR Egger



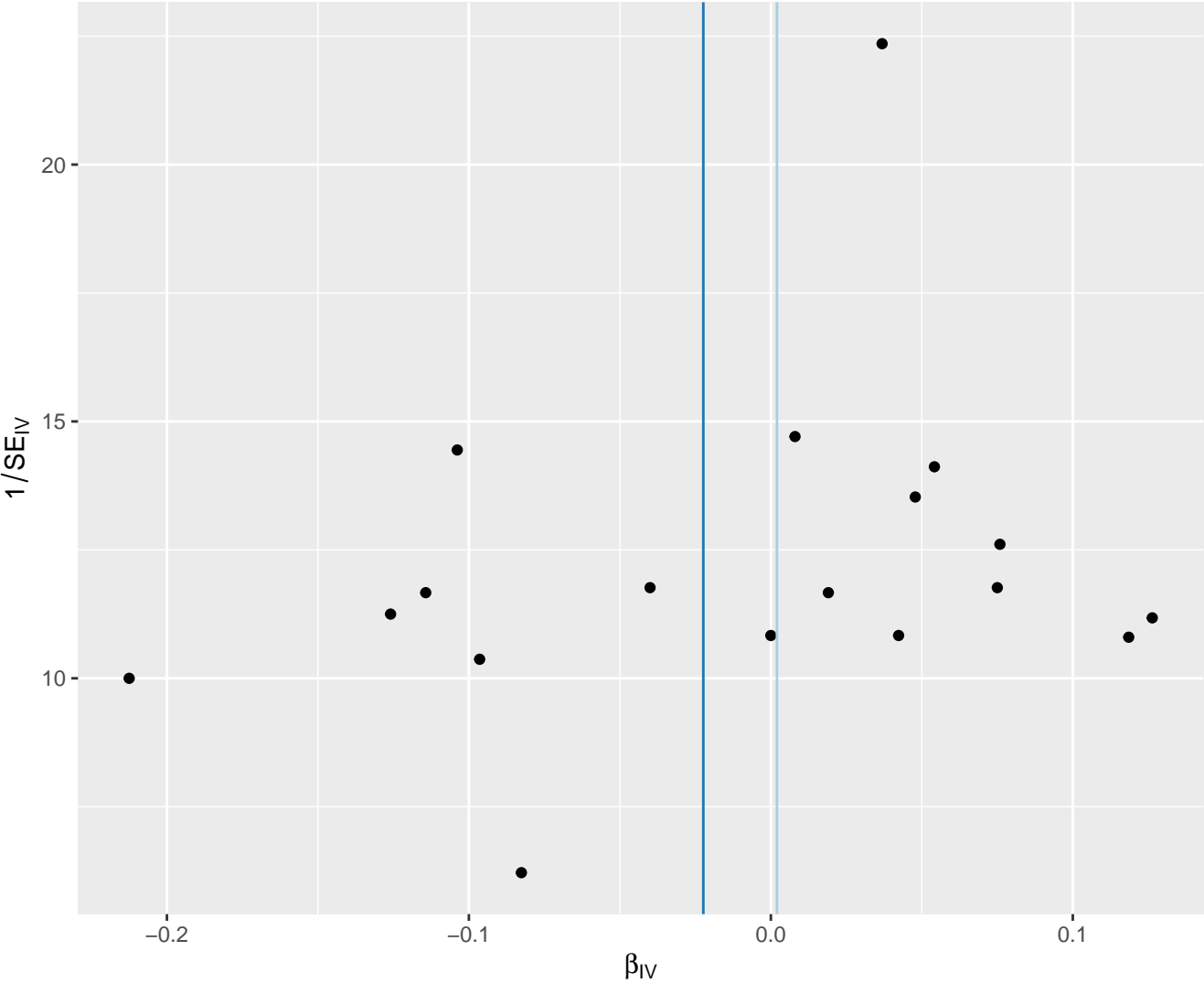
X-11552

MR Method



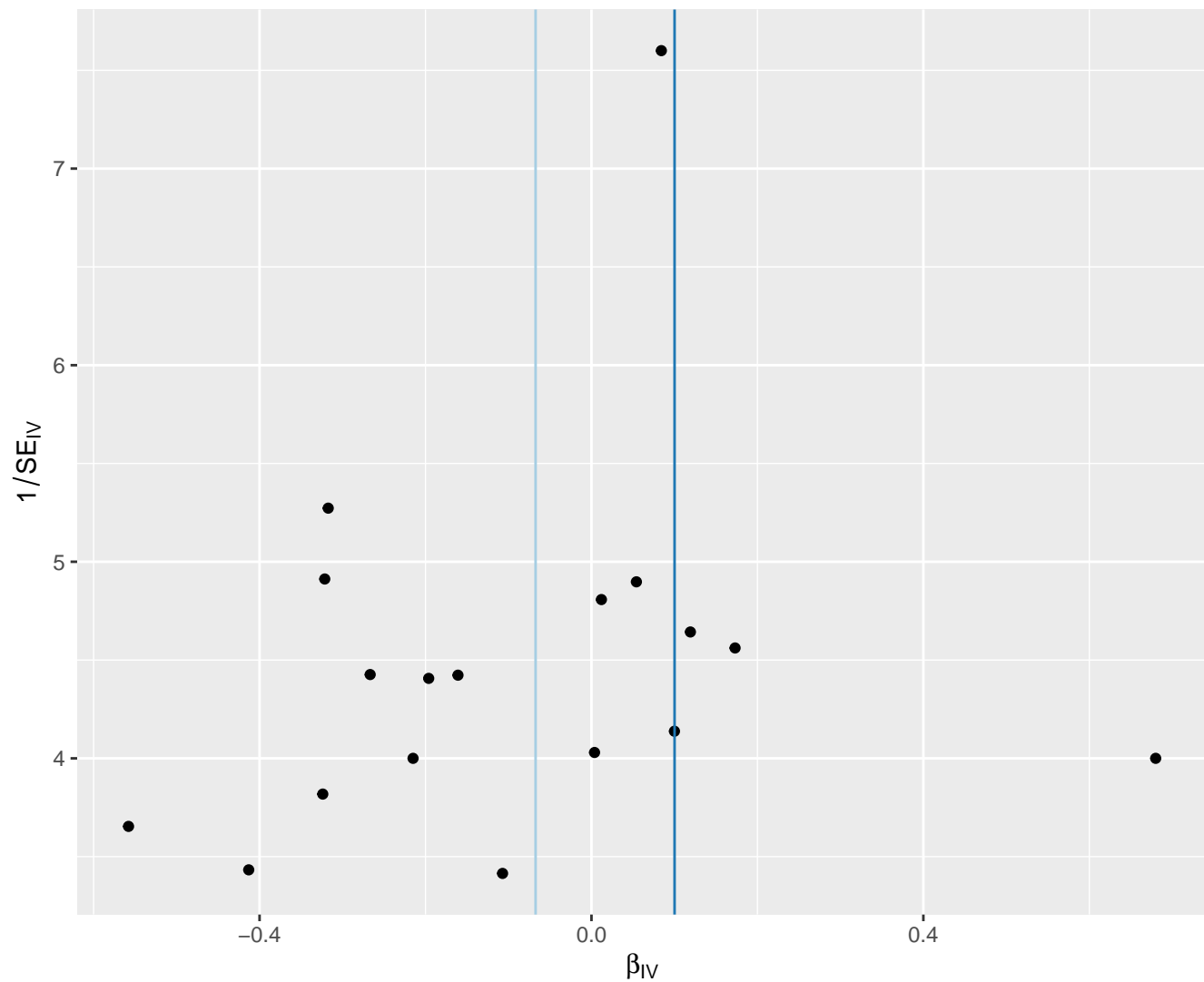
X-11593--O-methylascorbate\*

MR Method



# X-11786--methionine

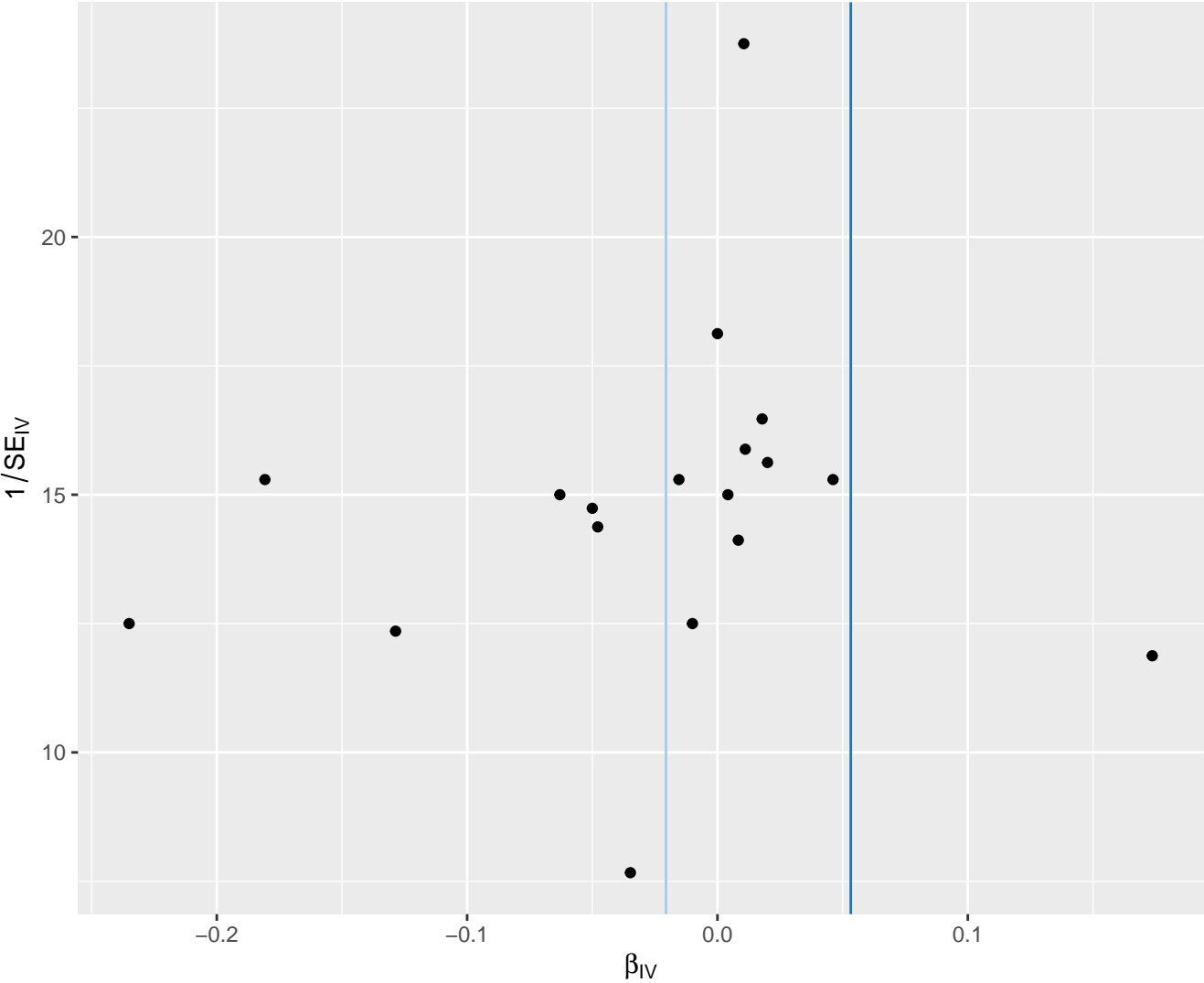
MR Method



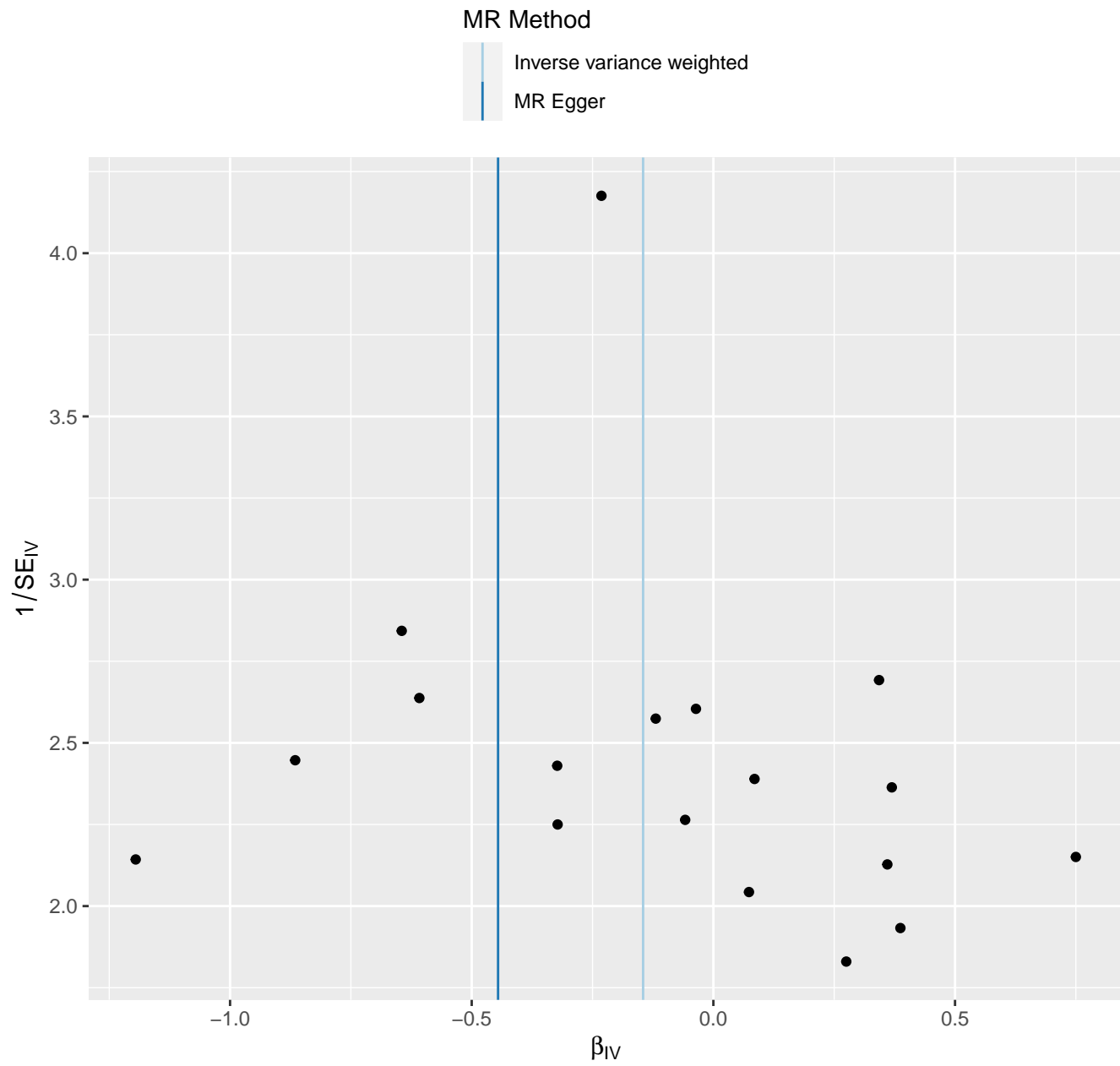


X-11787

MR Method

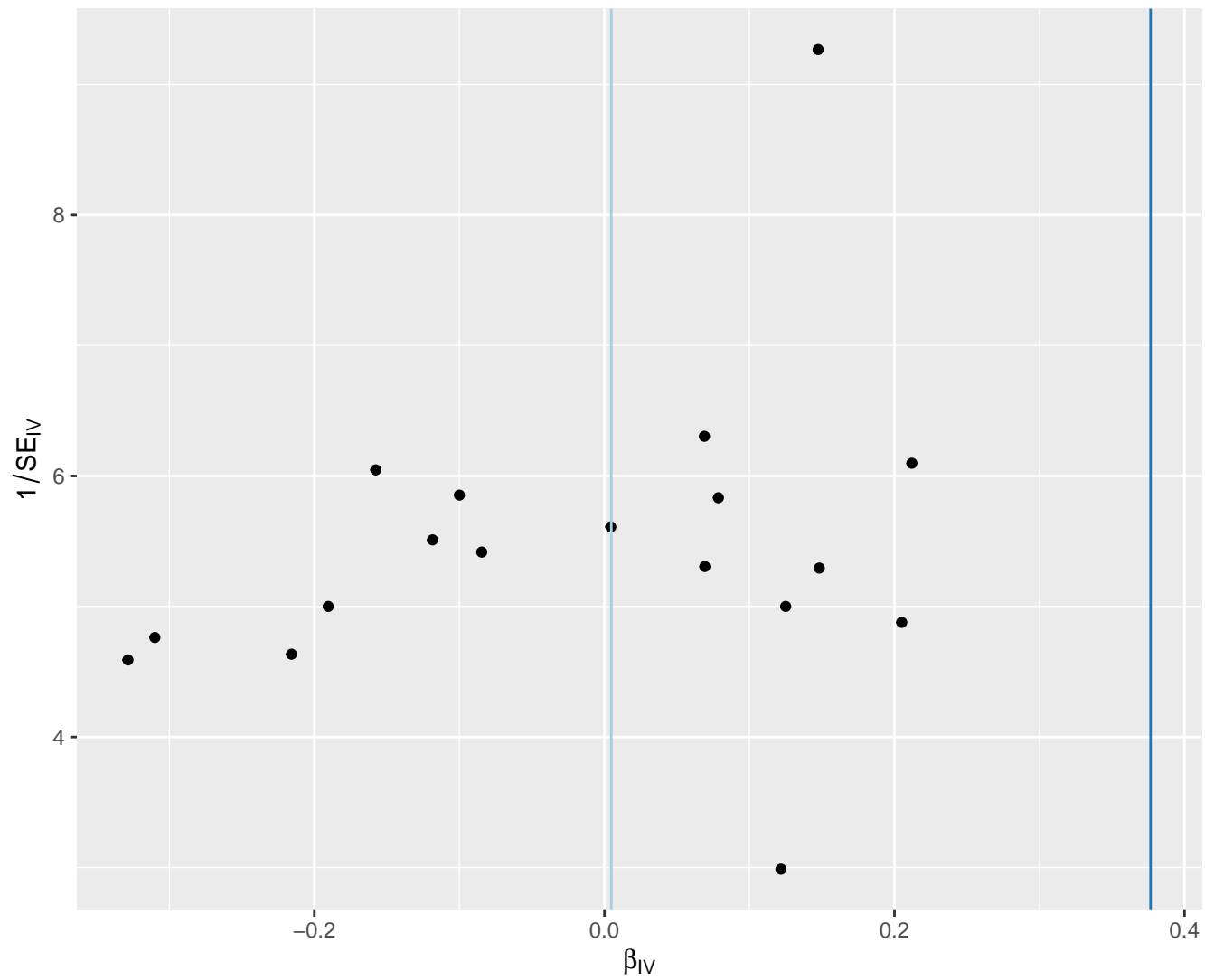
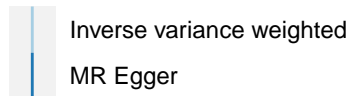


X-11792



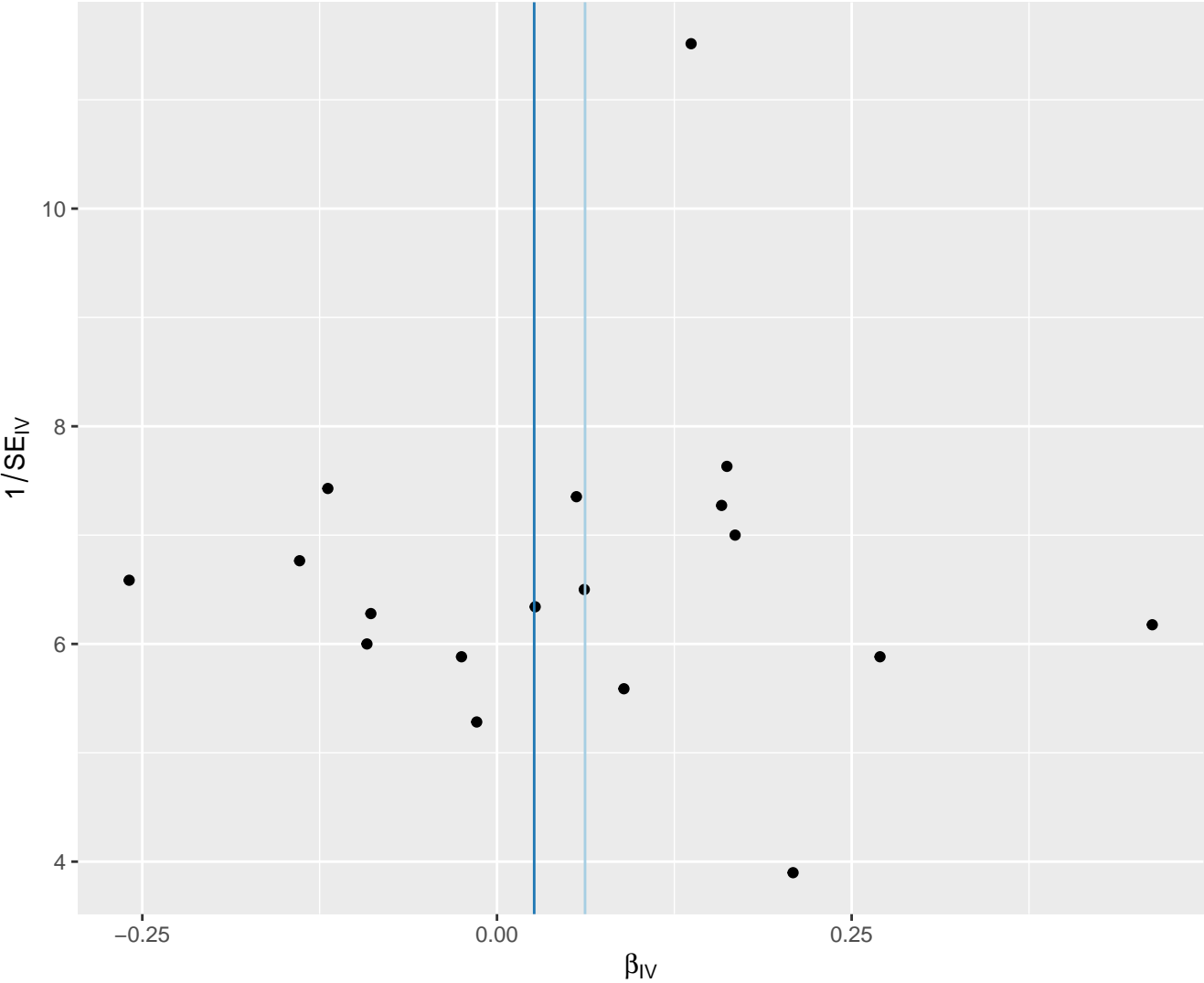
# X-11793--oxidized bilirubin\*

MR Method



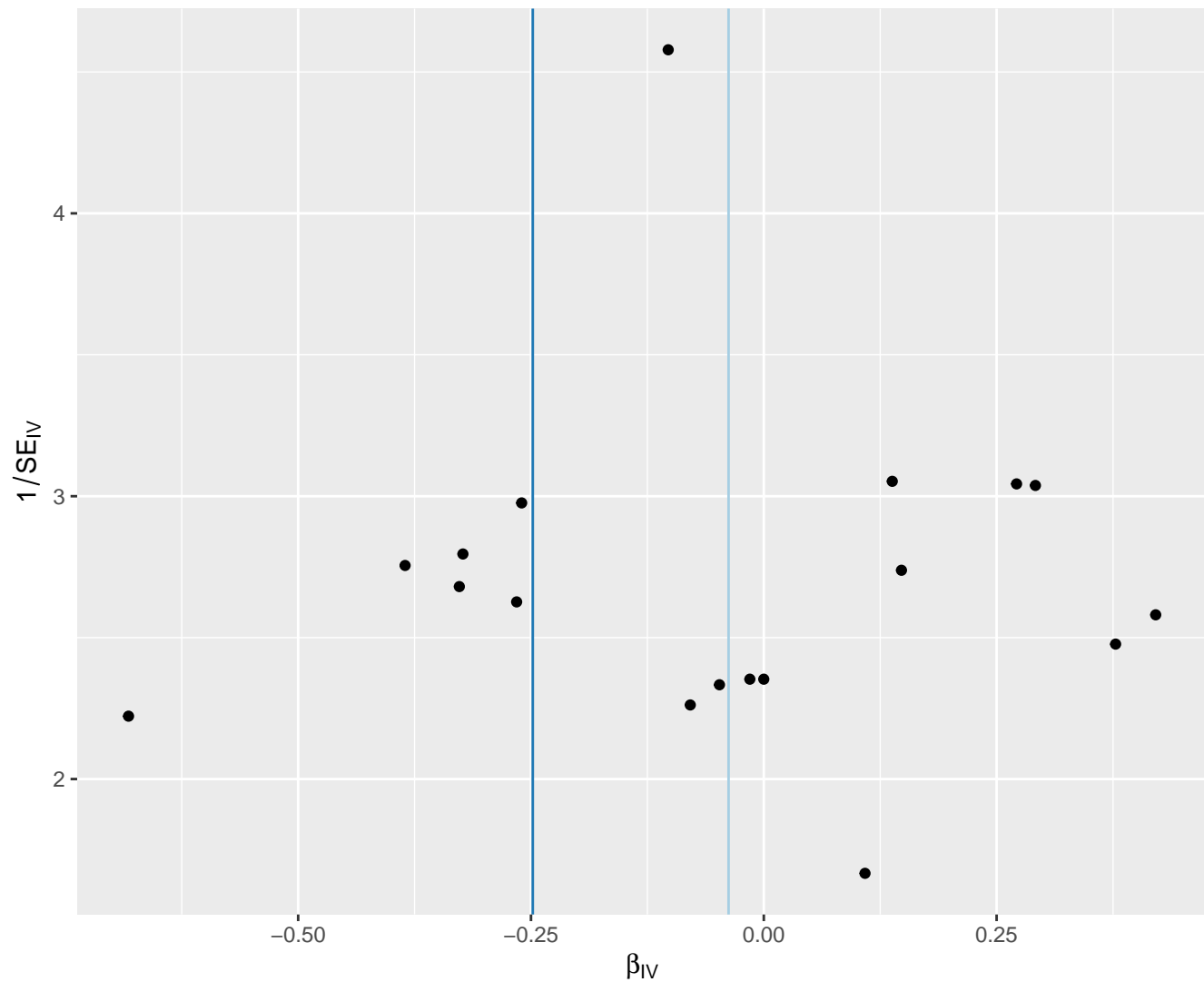
X-11795

MR Method



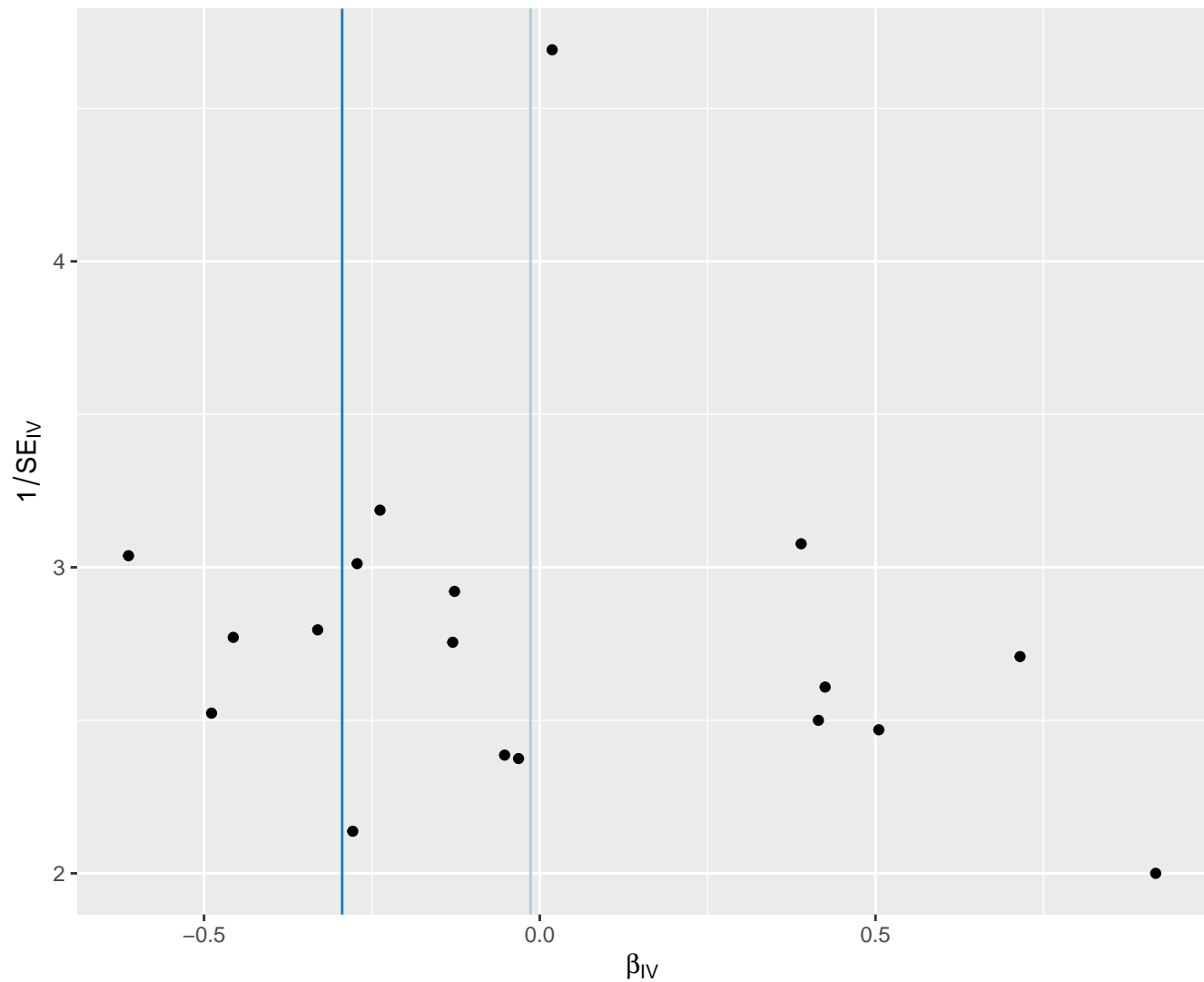
X-11799

MR Method



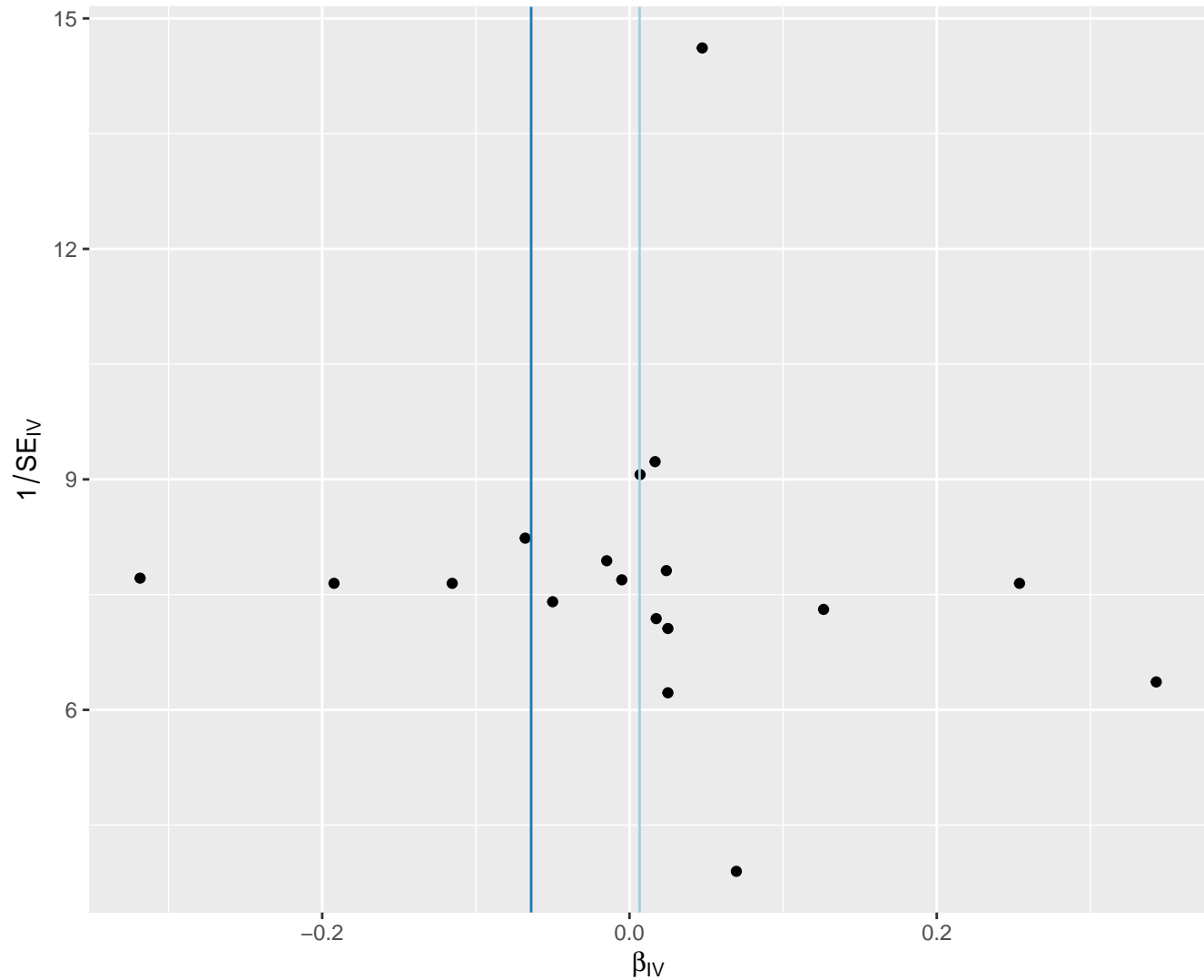
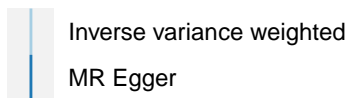
X-11805

MR Method



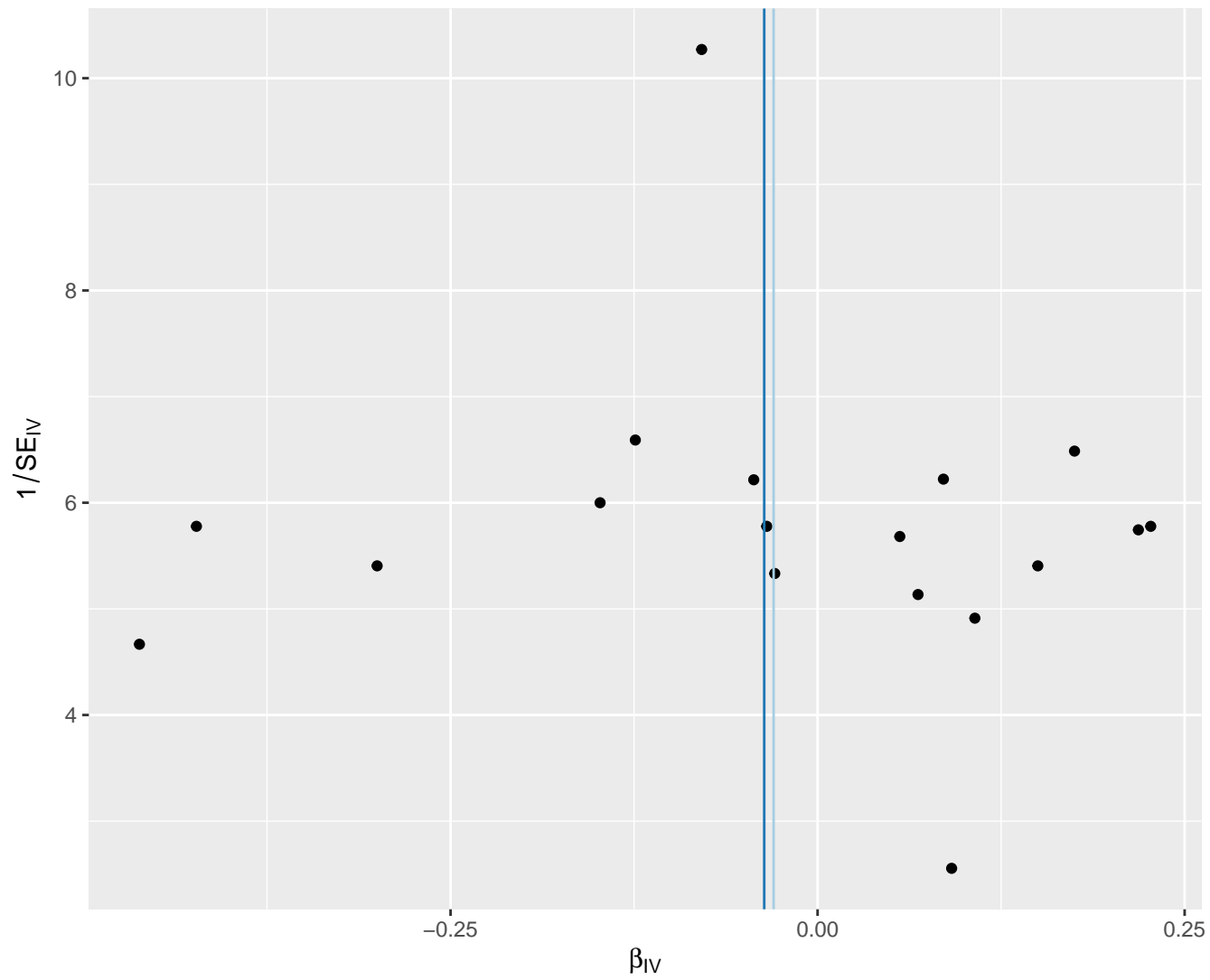
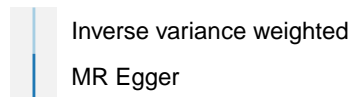
X-11818

MR Method



X-11820

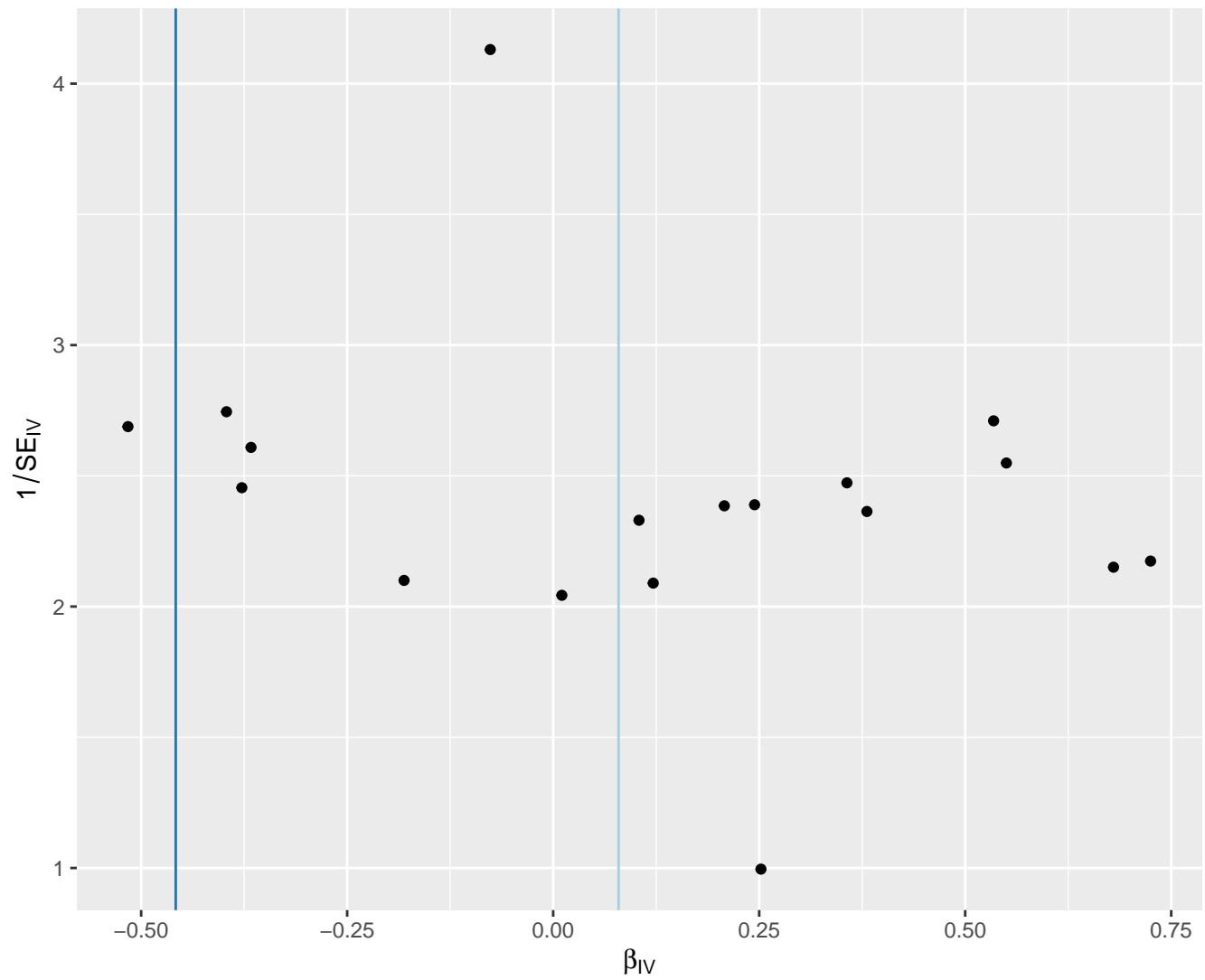
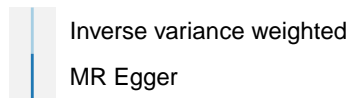
MR Method





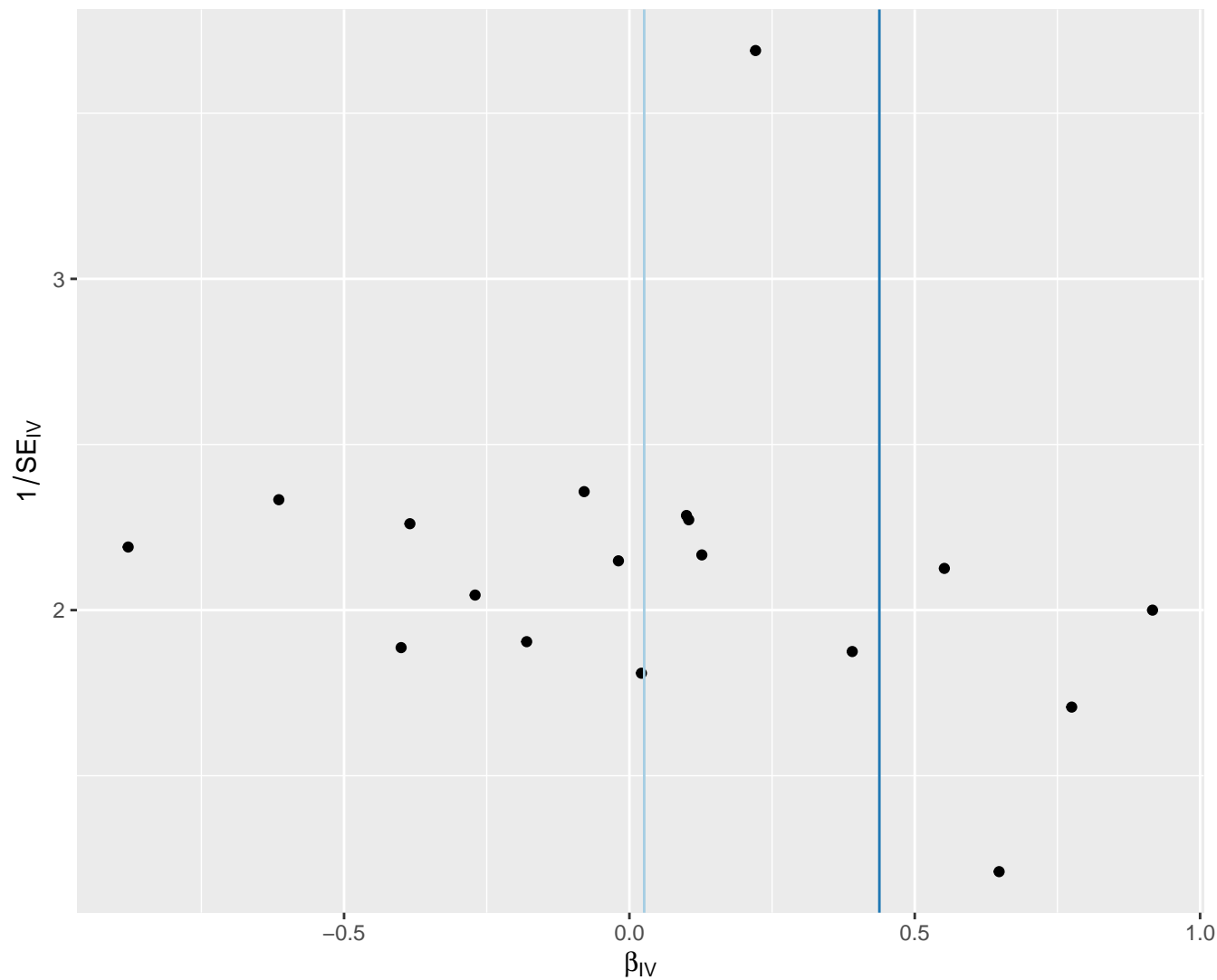
X-11843

MR Method



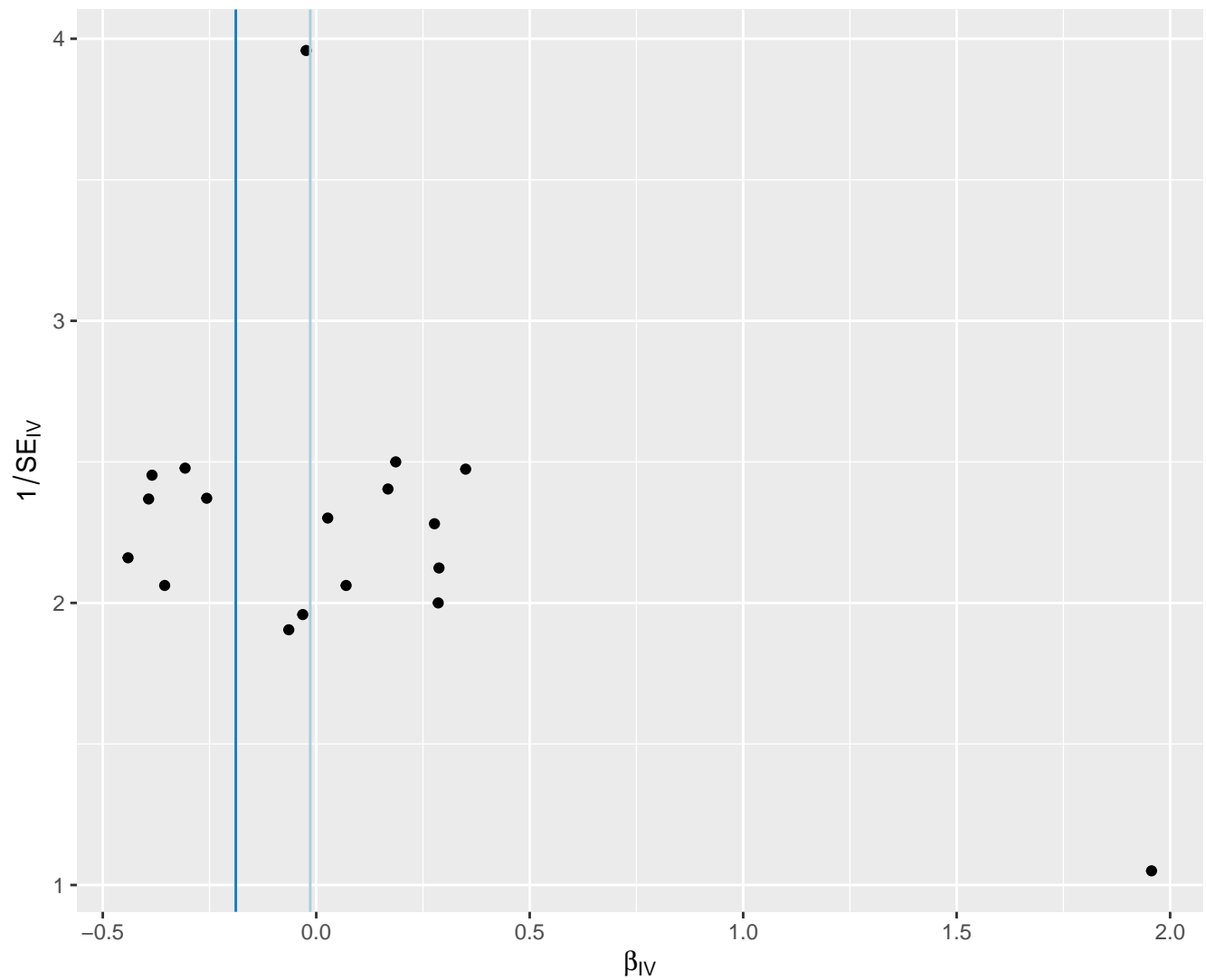
X-11845

MR Method



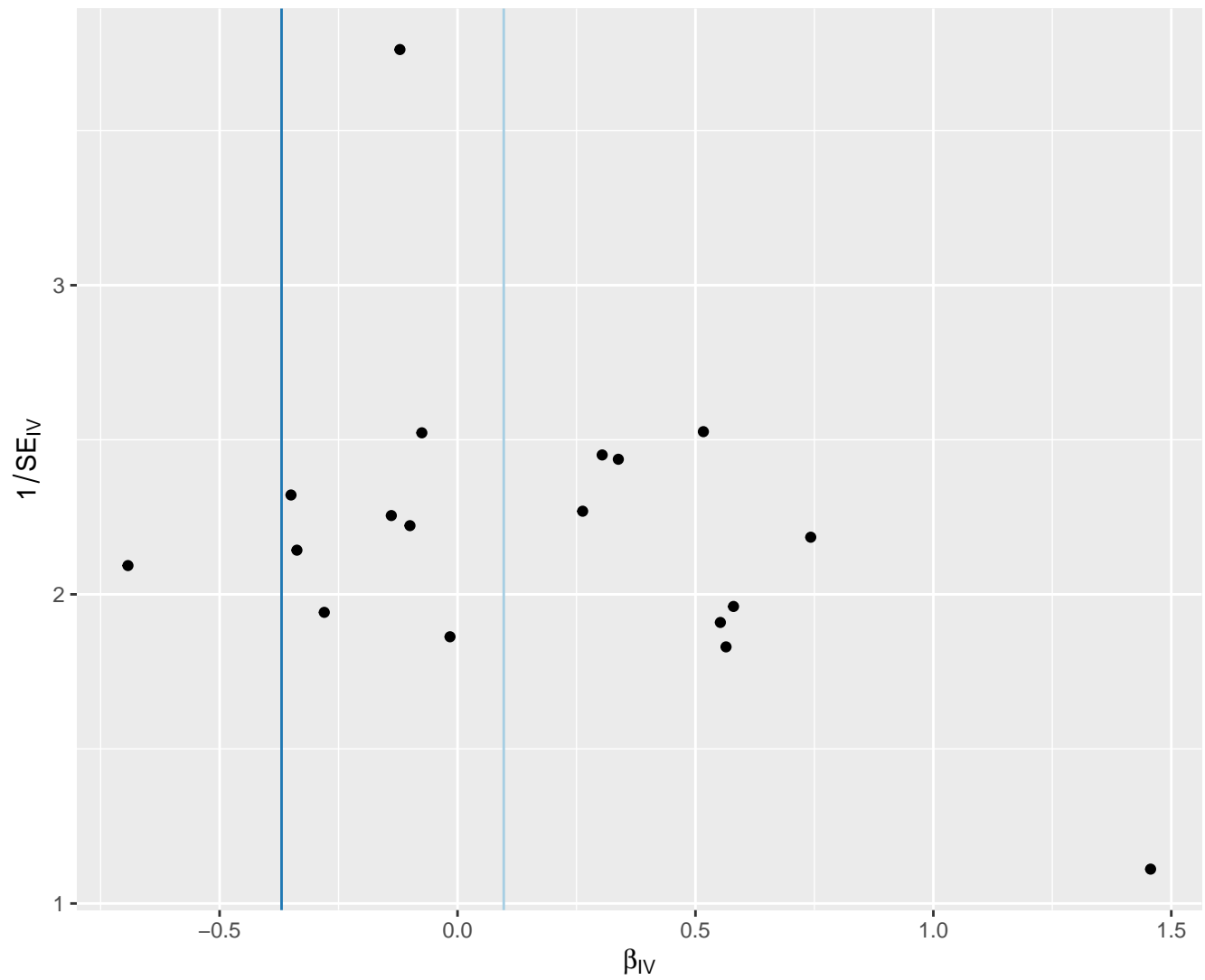
X-11847

MR Method



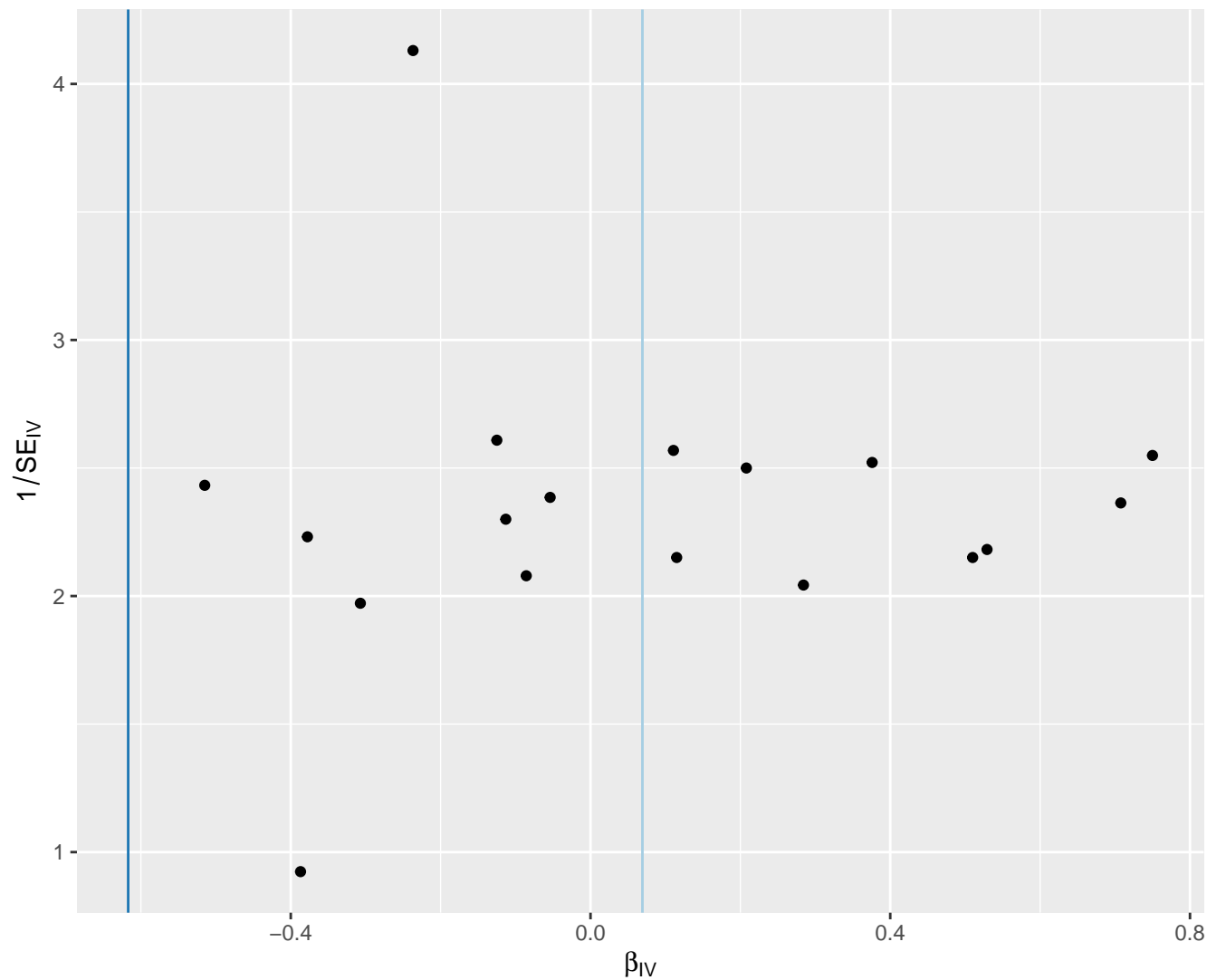
X-11849

MR Method



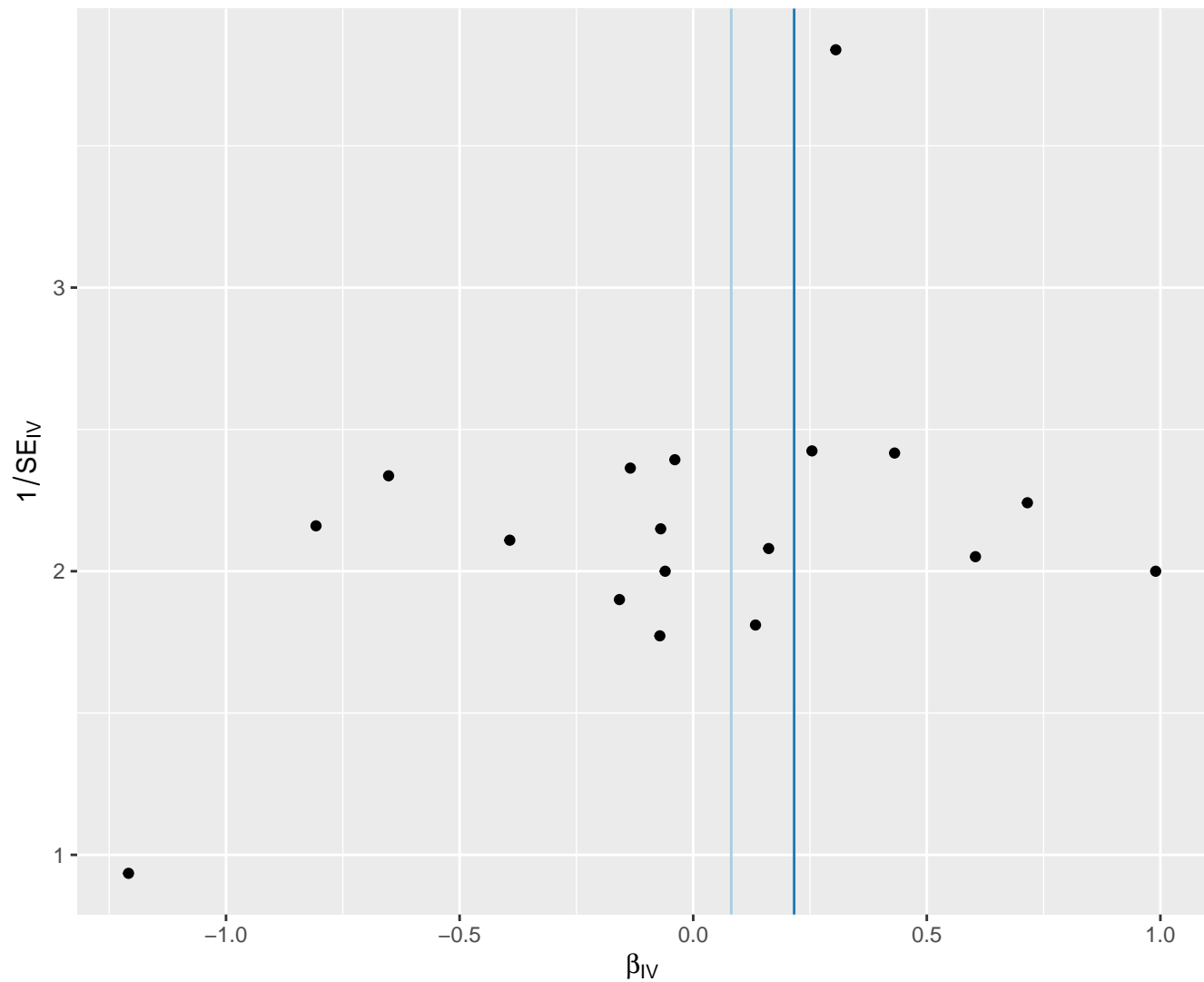
X-11850

MR Method



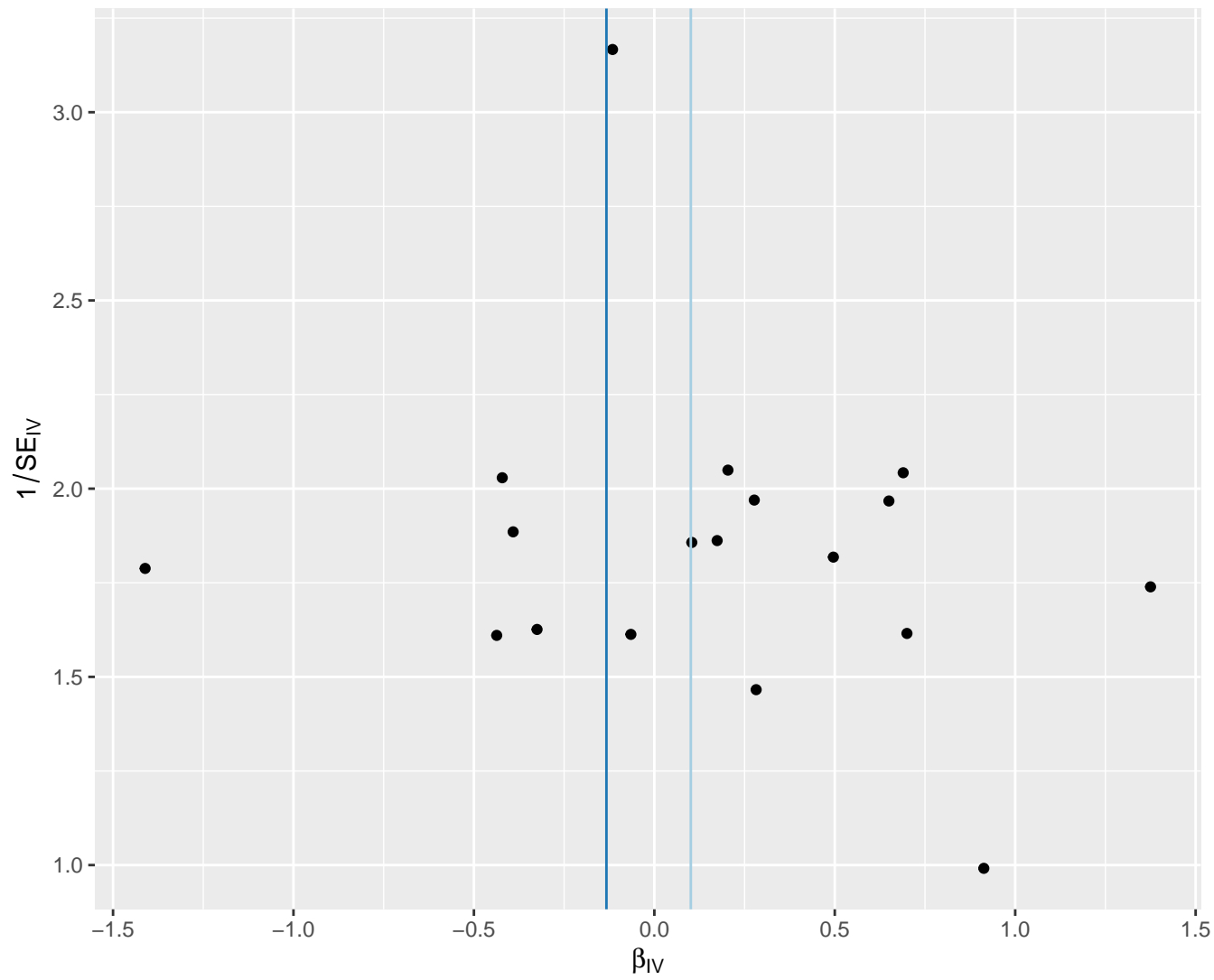
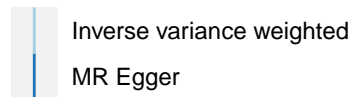
X-11852

MR Method



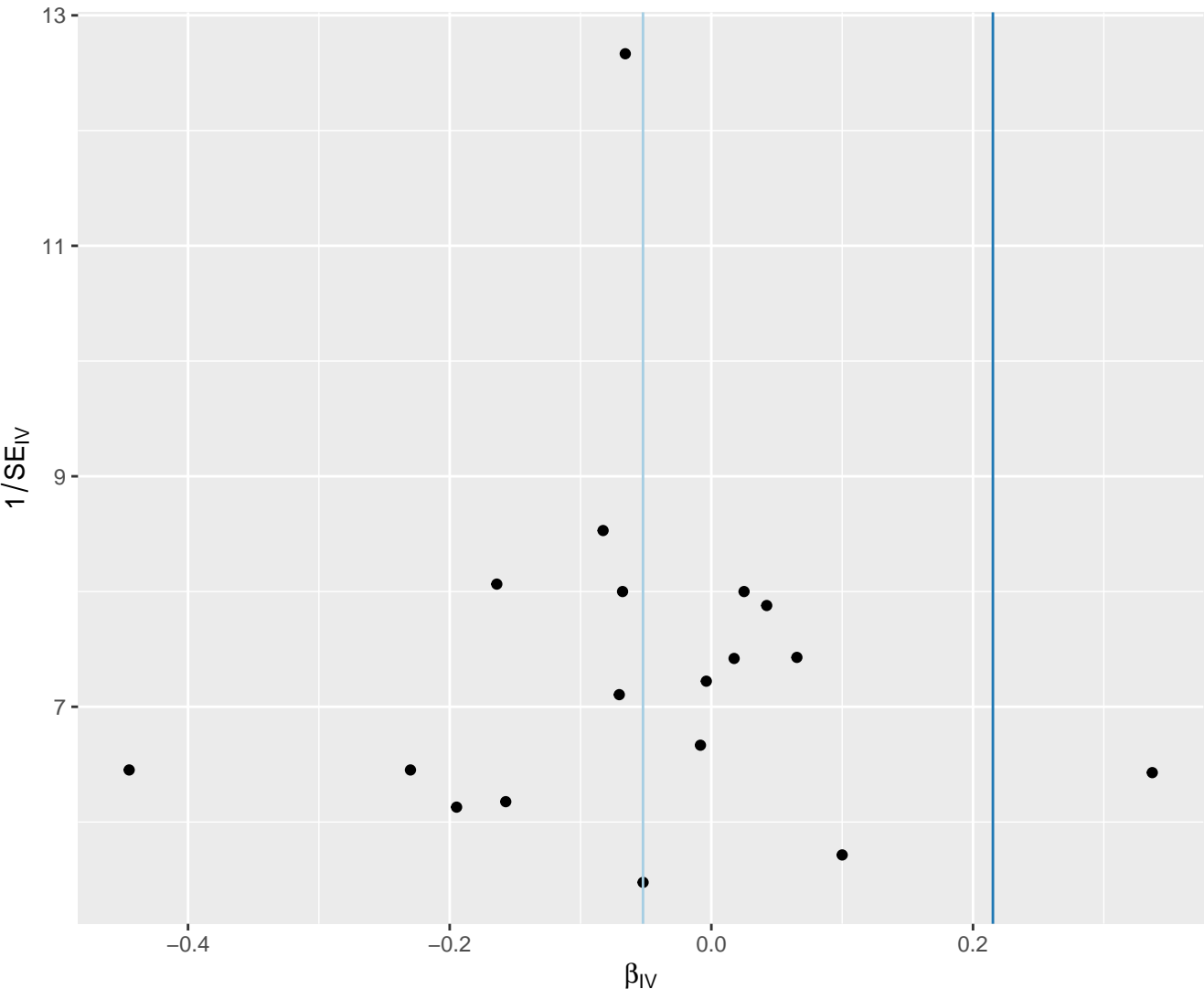
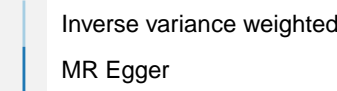
X-11858

MR Method



X-11859

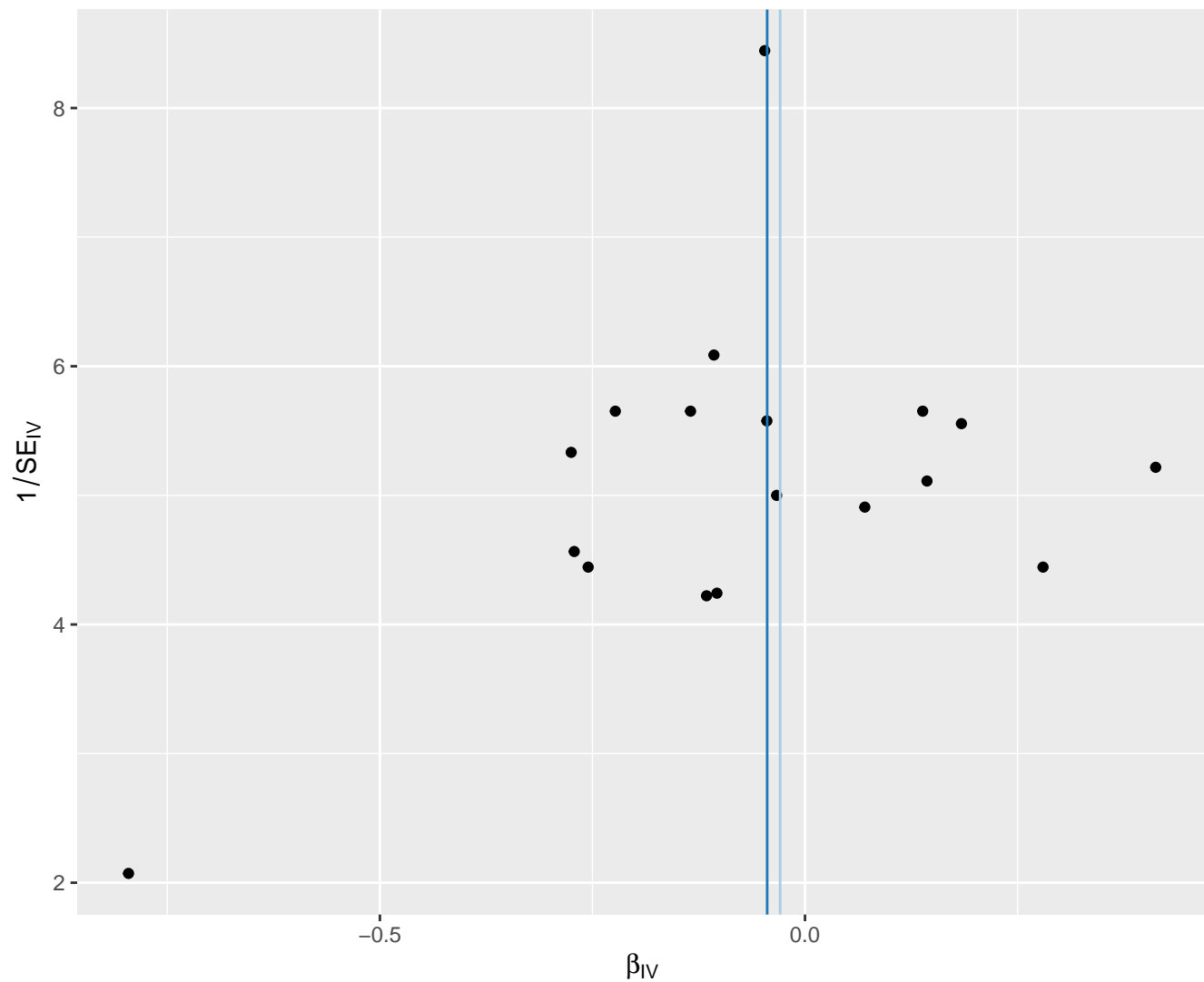
MR Method





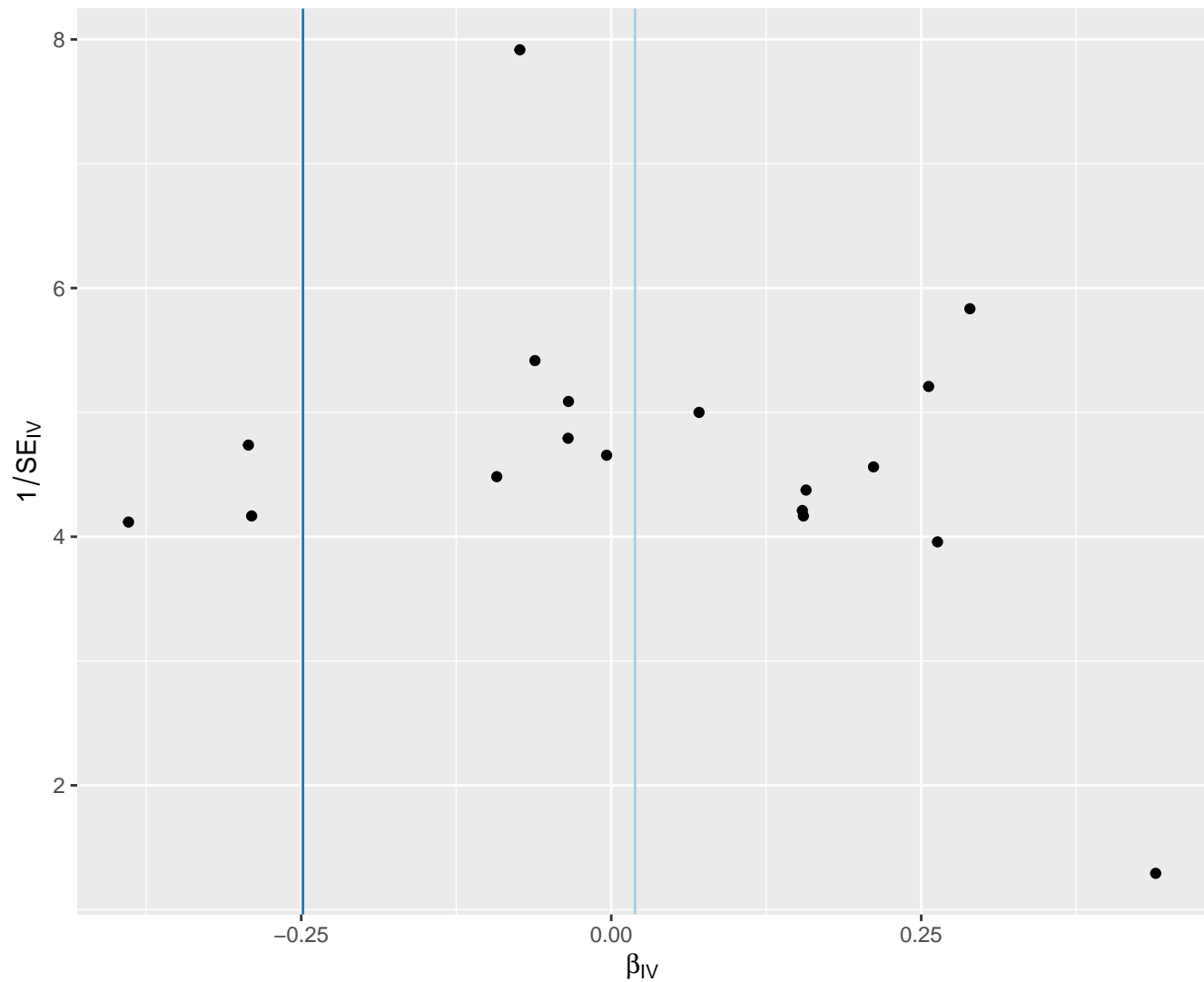
X-11876

MR Method



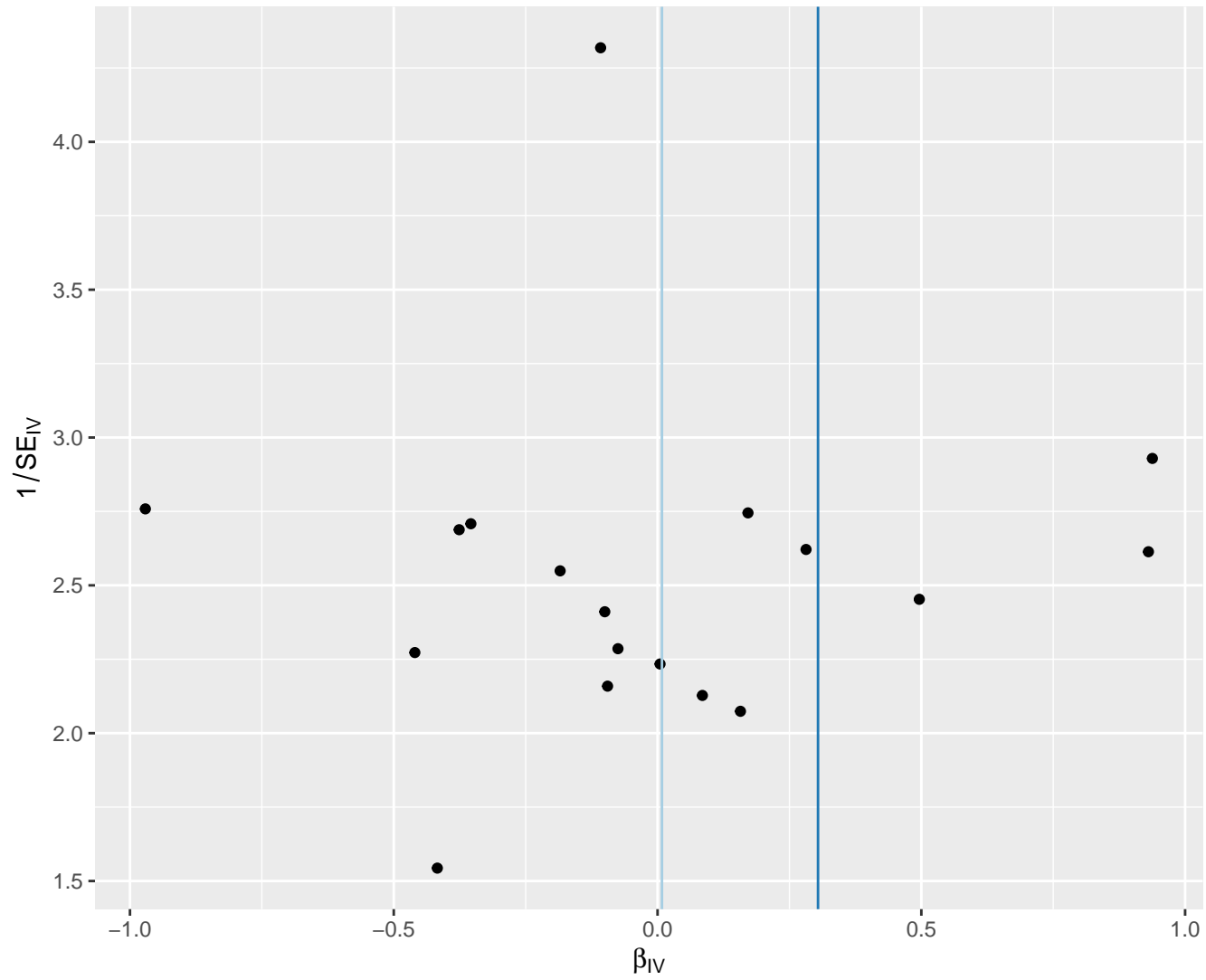
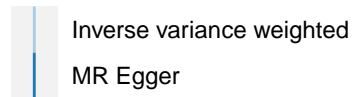
X-11905

MR Method



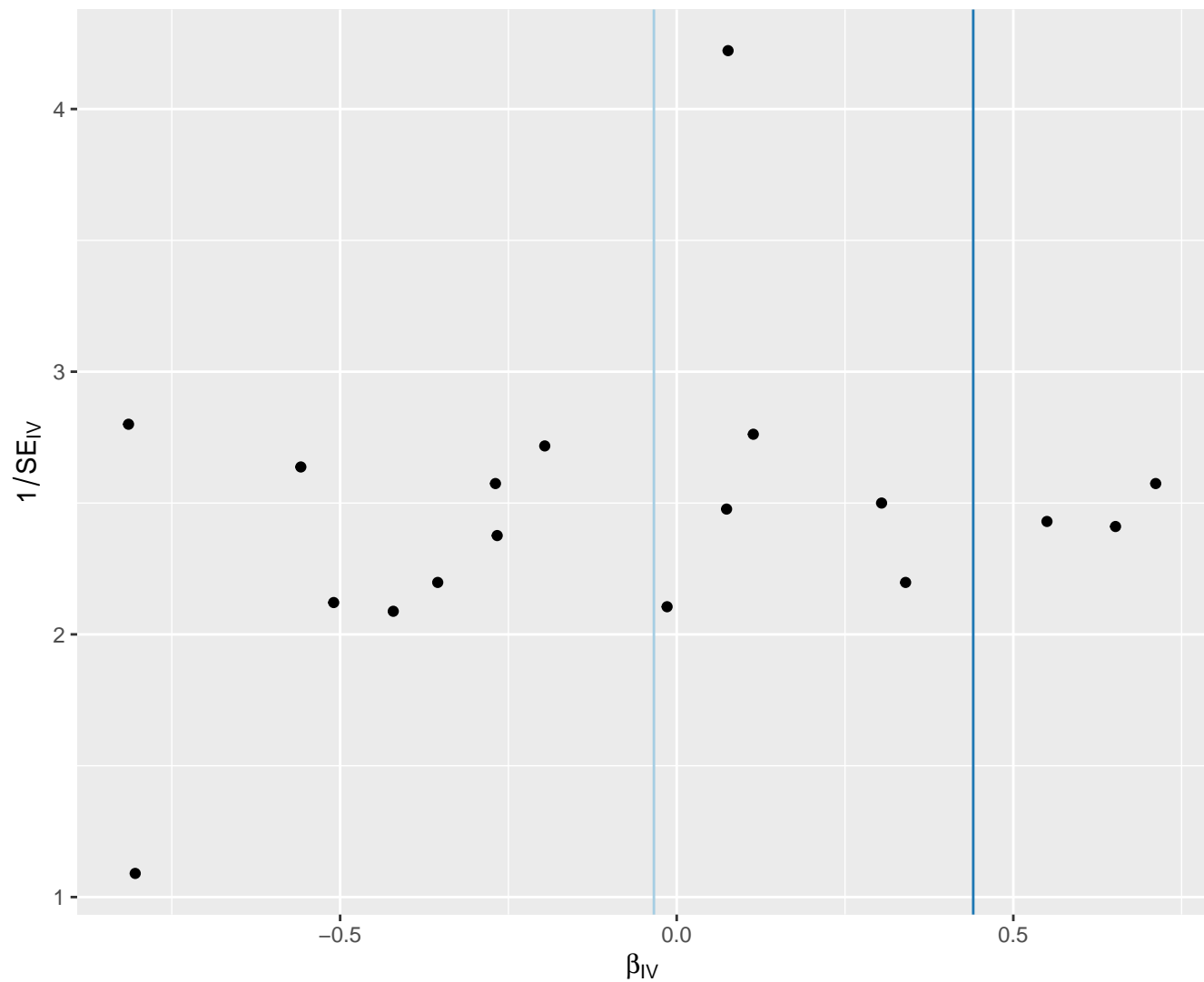
X-12007

MR Method



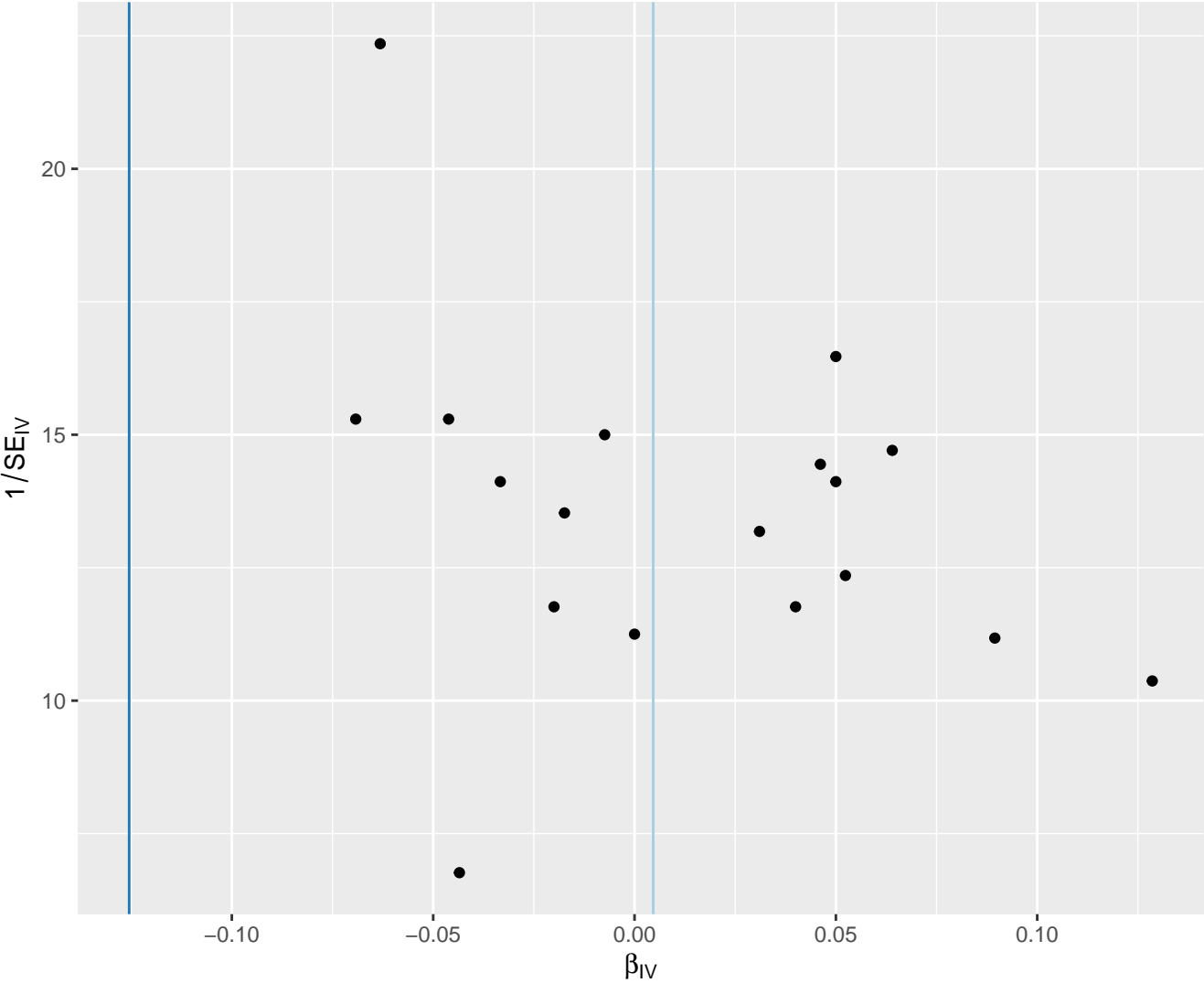
X-12013

MR Method



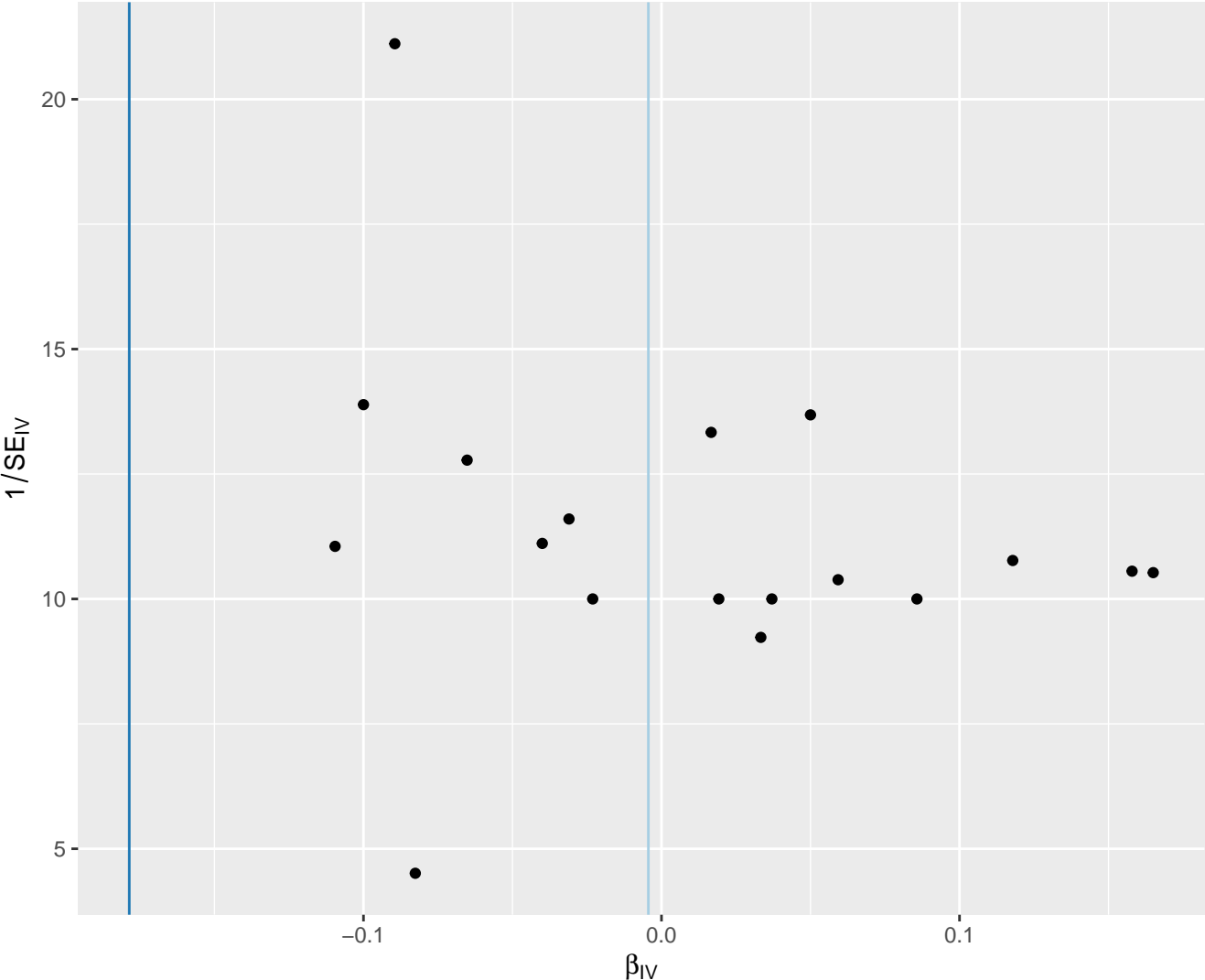
X-12029

MR Method



X-12038

MR Method



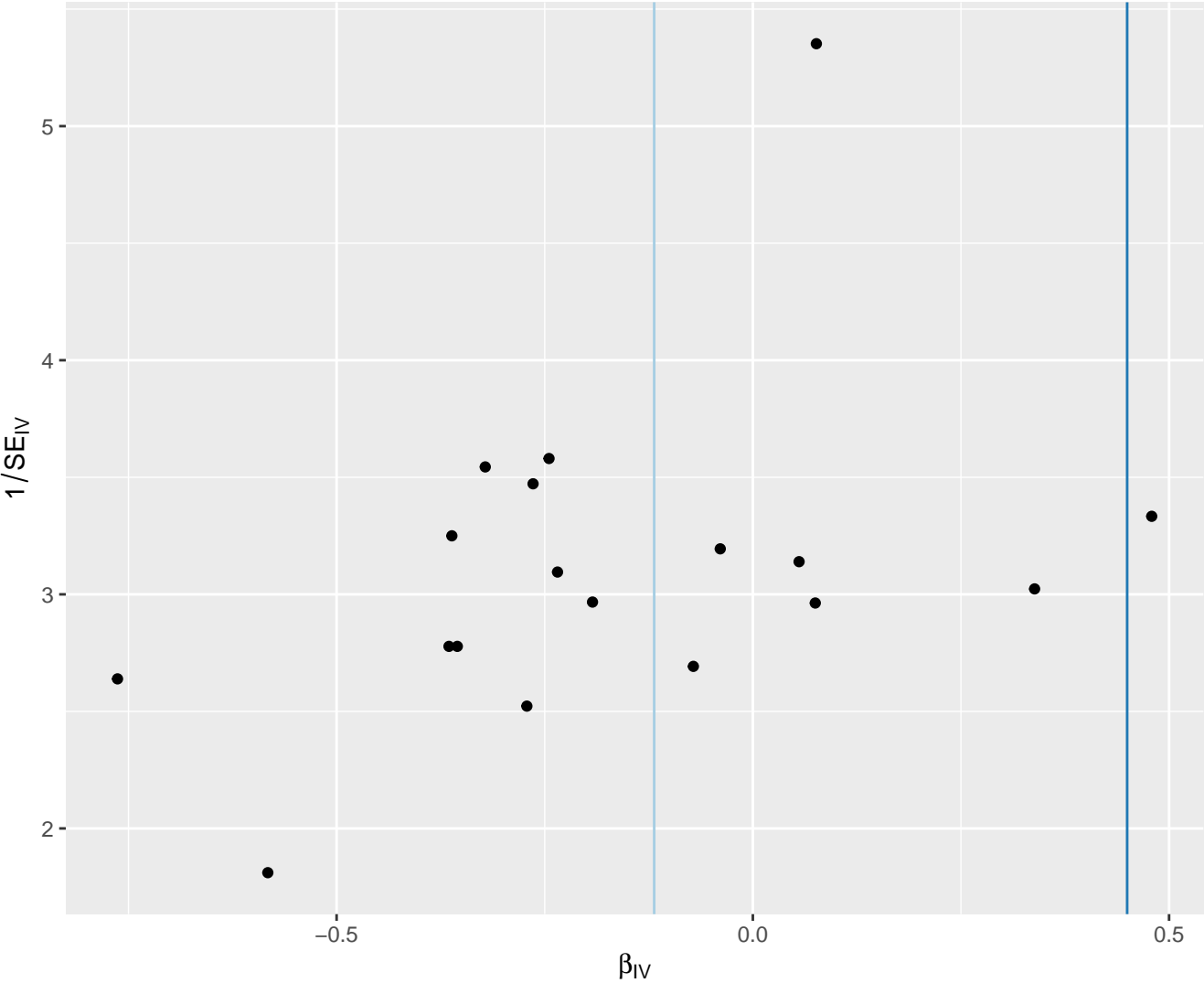
X-12039

MR Method



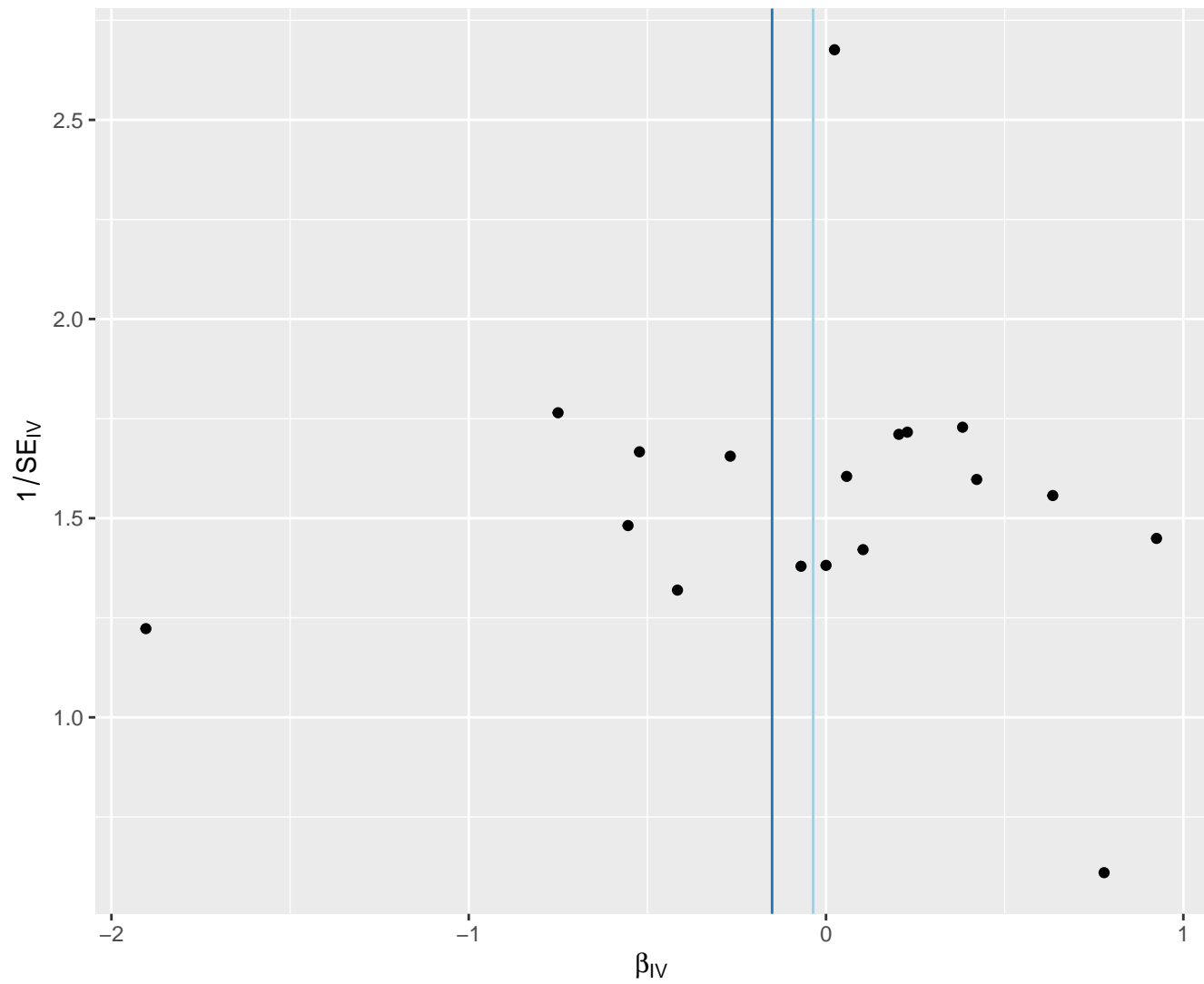
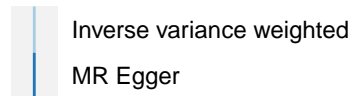
Inverse variance weighted

MR Egger



X-12040

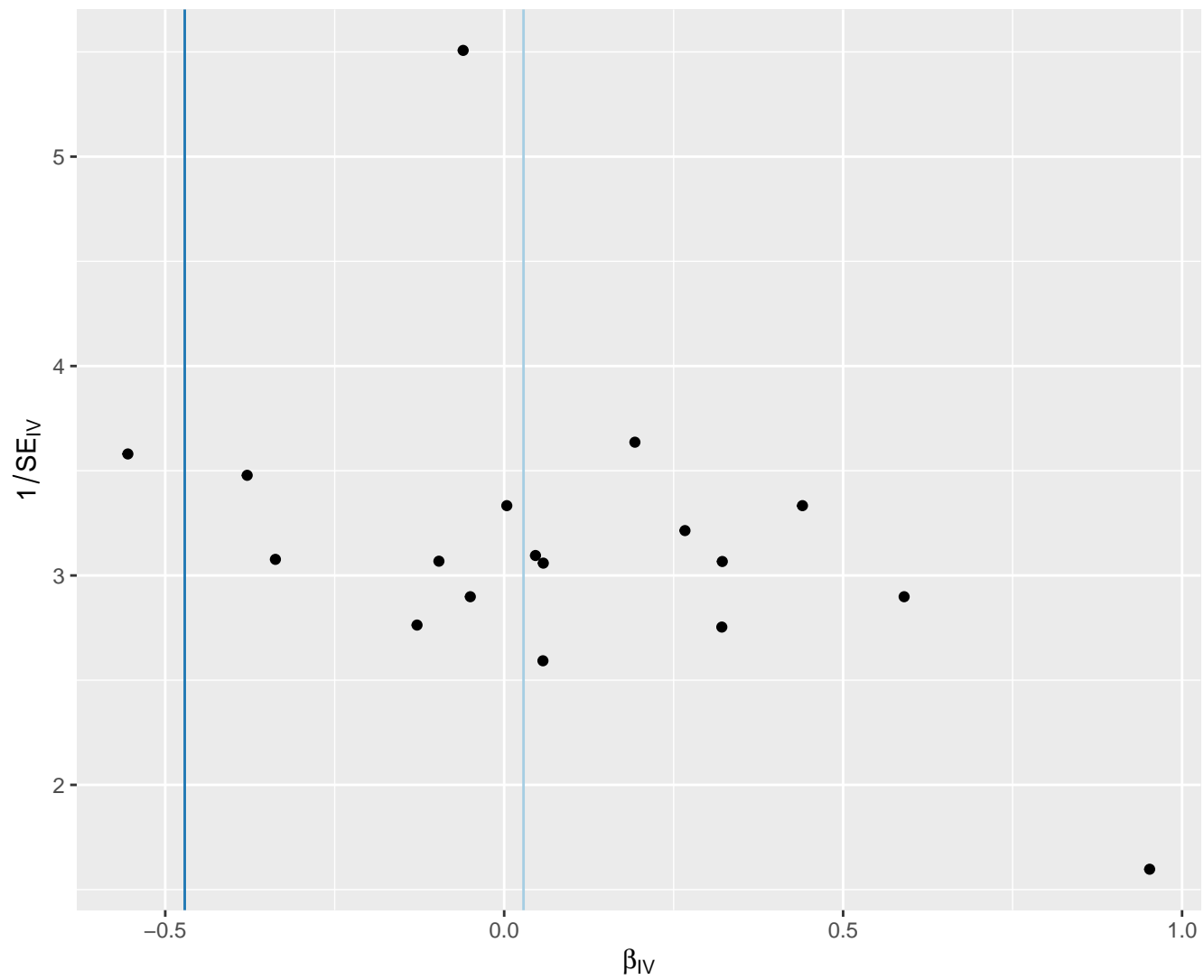
MR Method





X-12056

MR Method



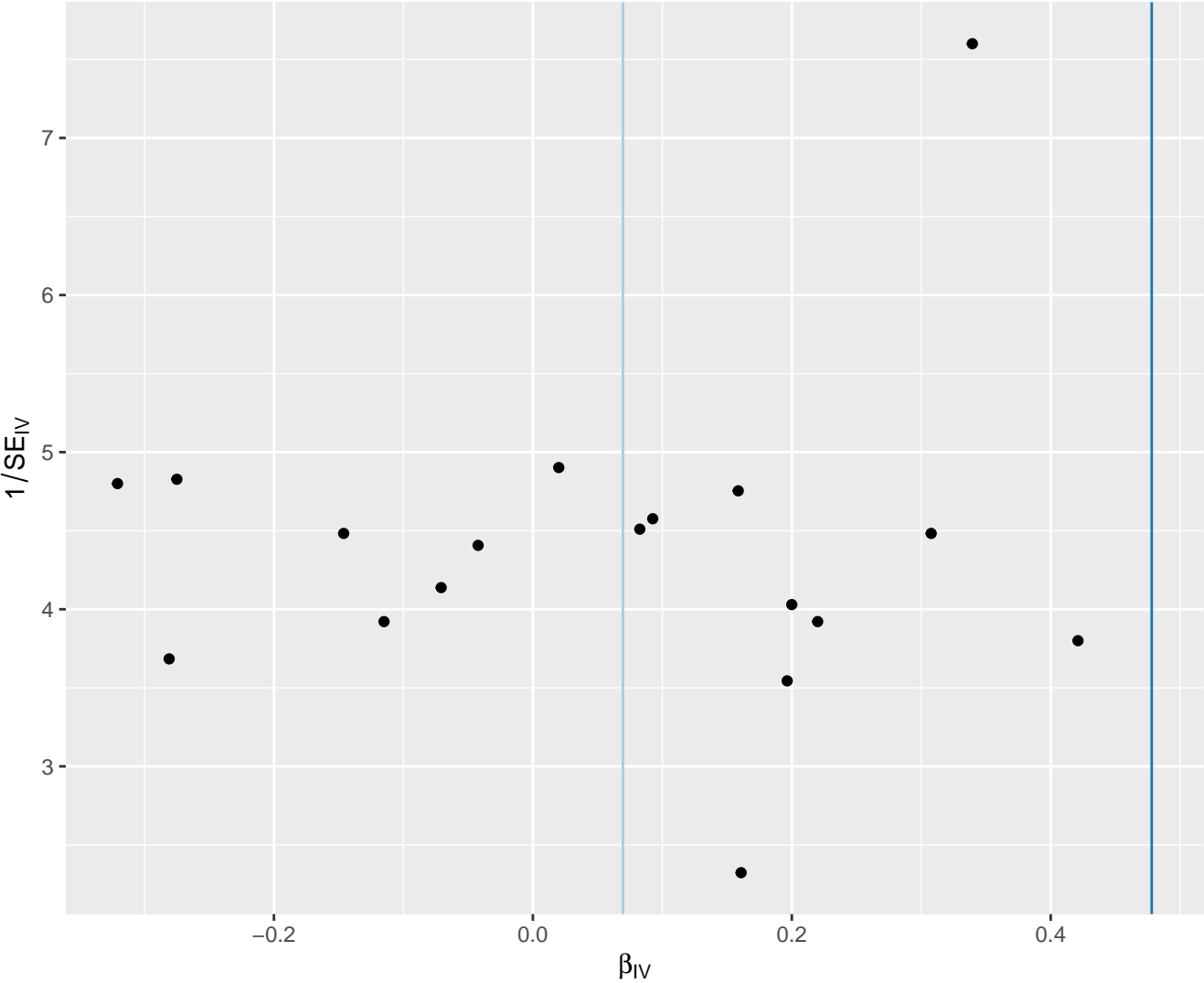
X-12063

MR Method



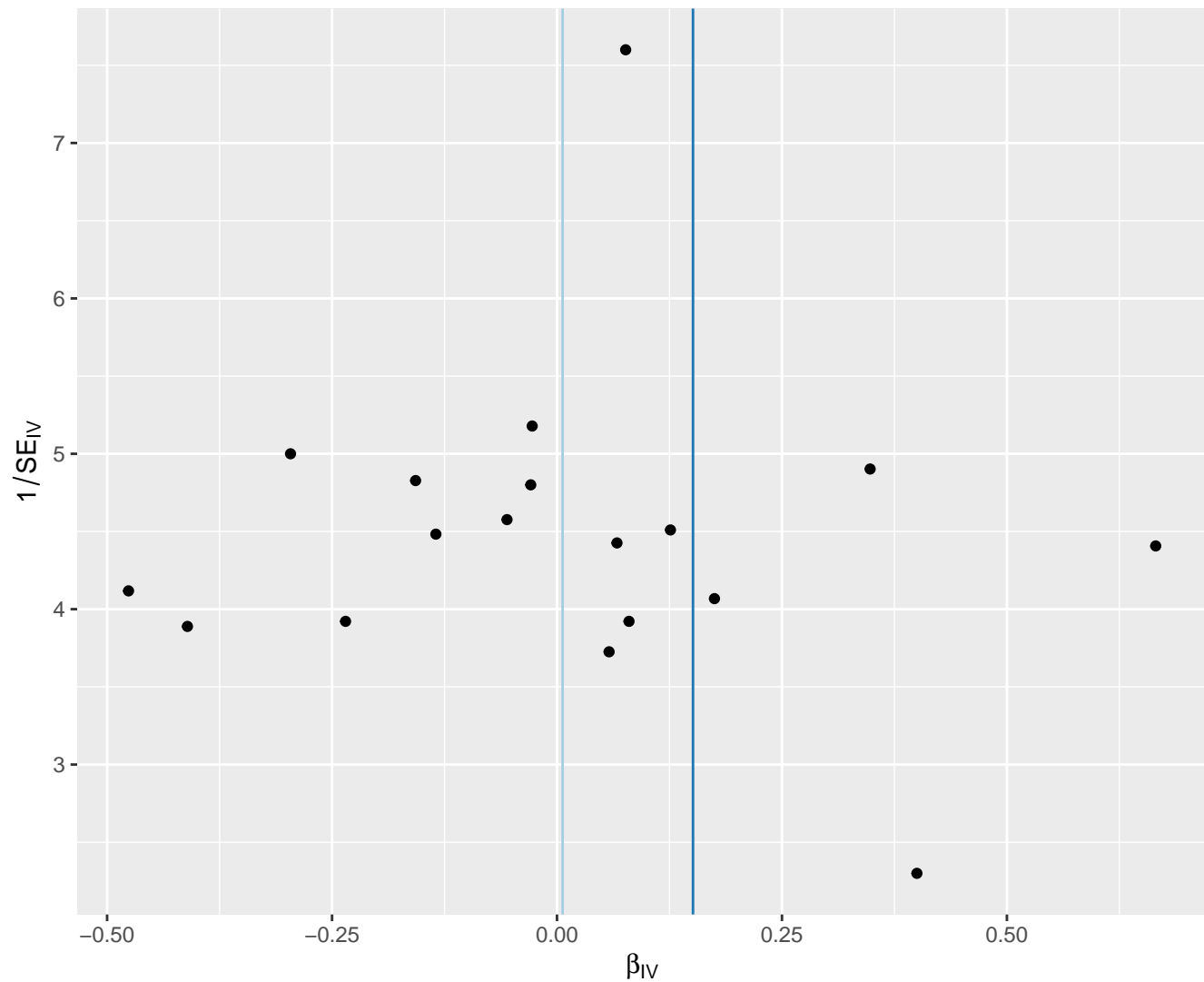
Inverse variance weighted

MR Egger



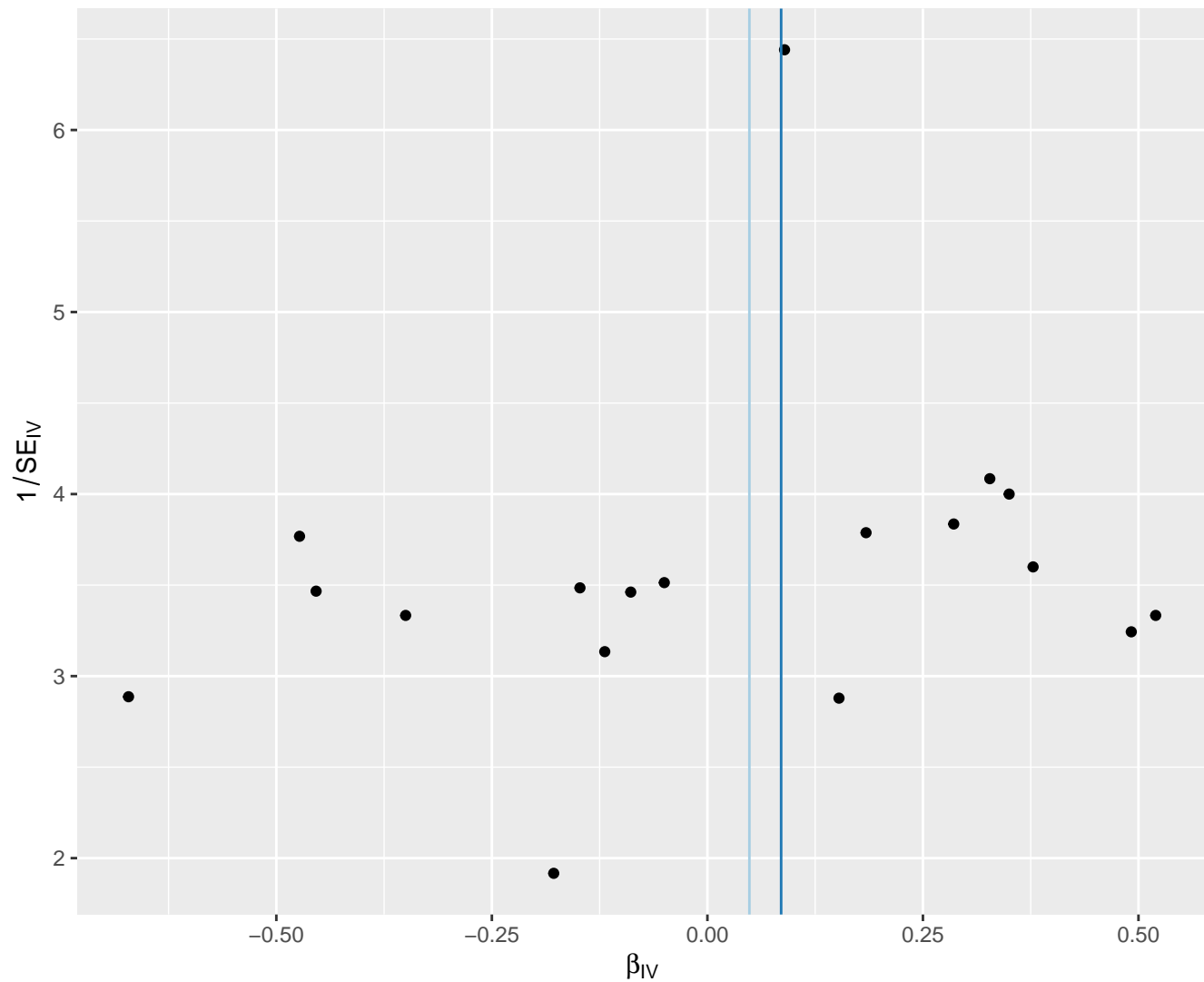
X-12092

MR Method



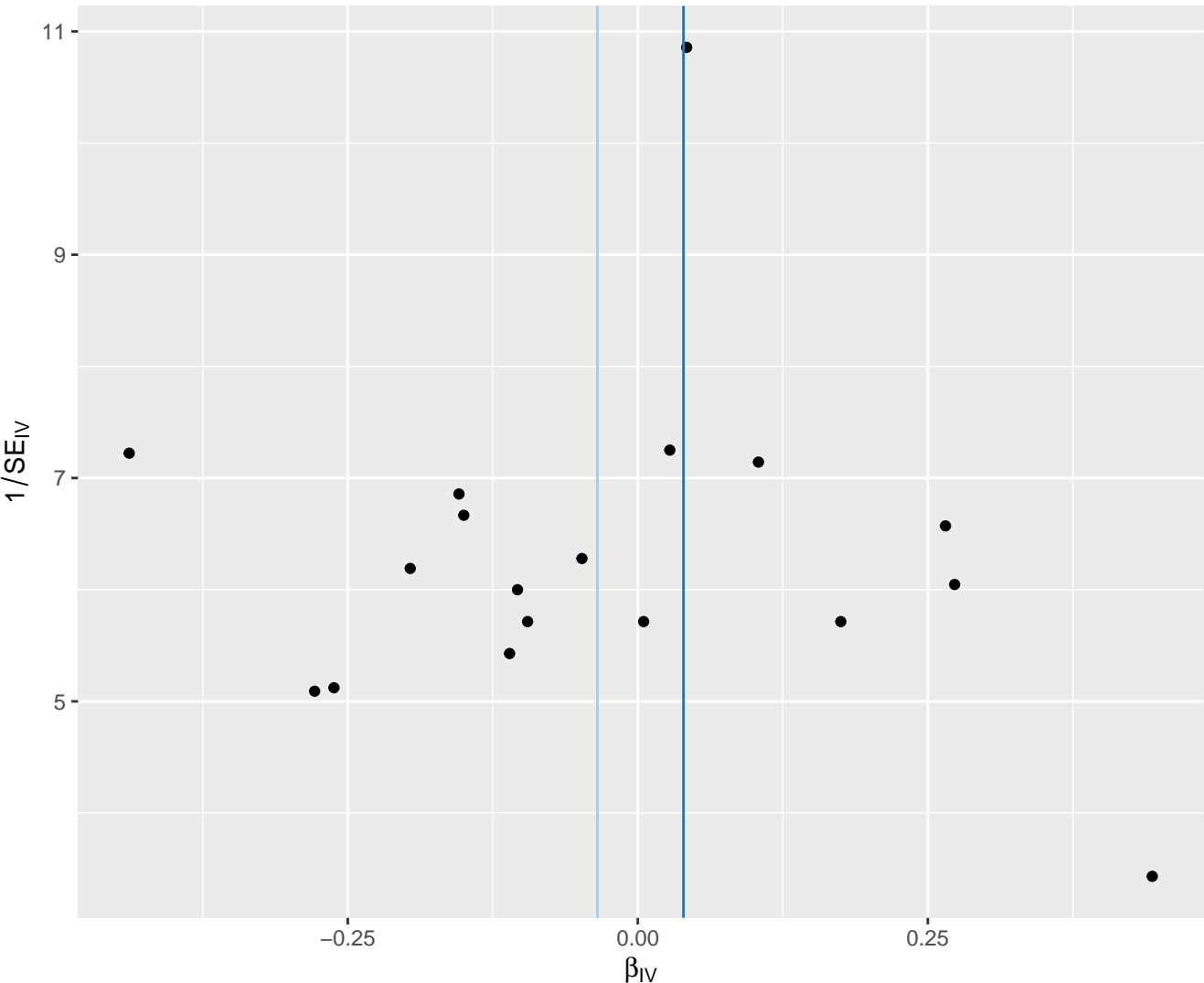
X-12093

MR Method

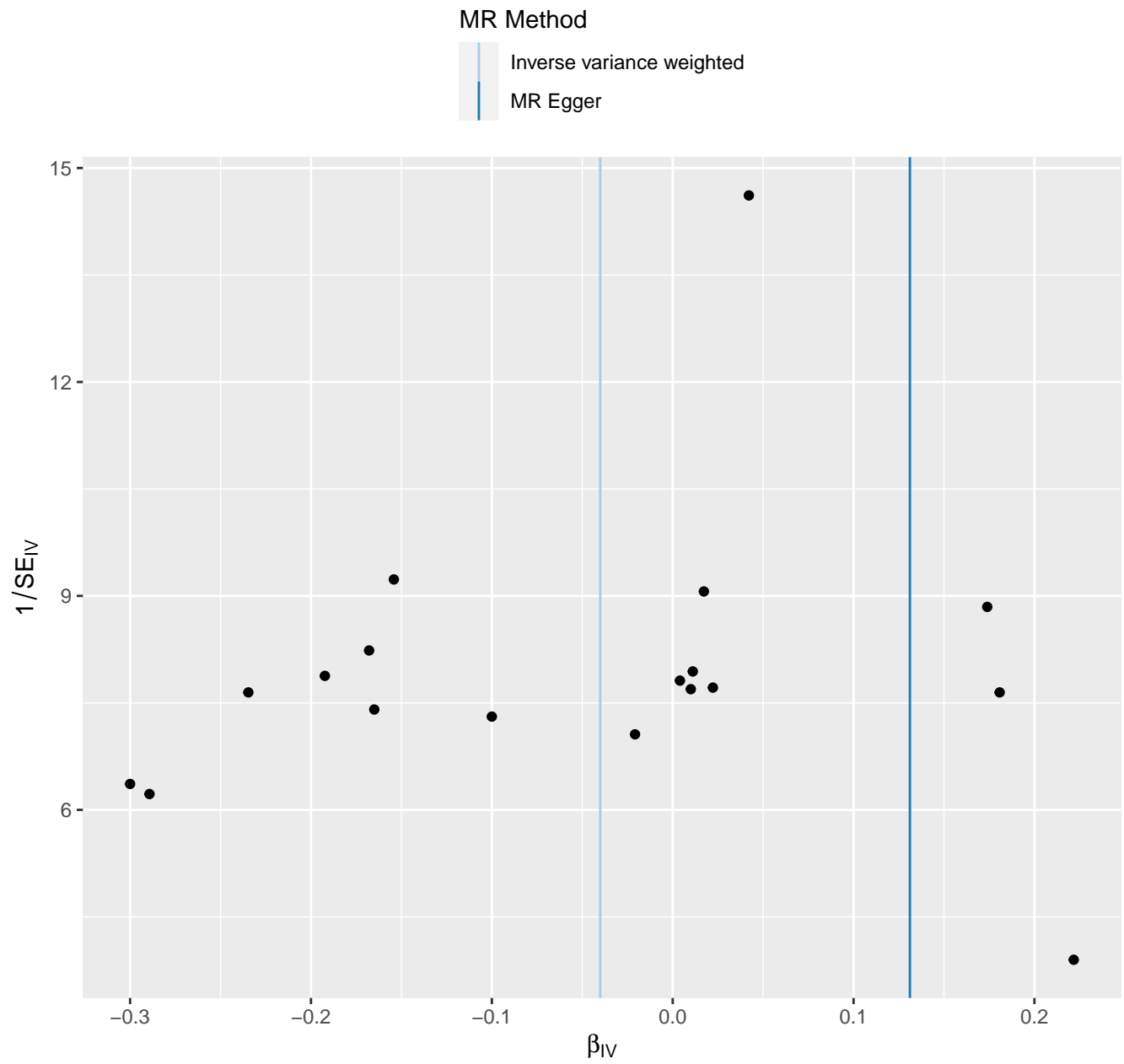


X-12094

MR Method

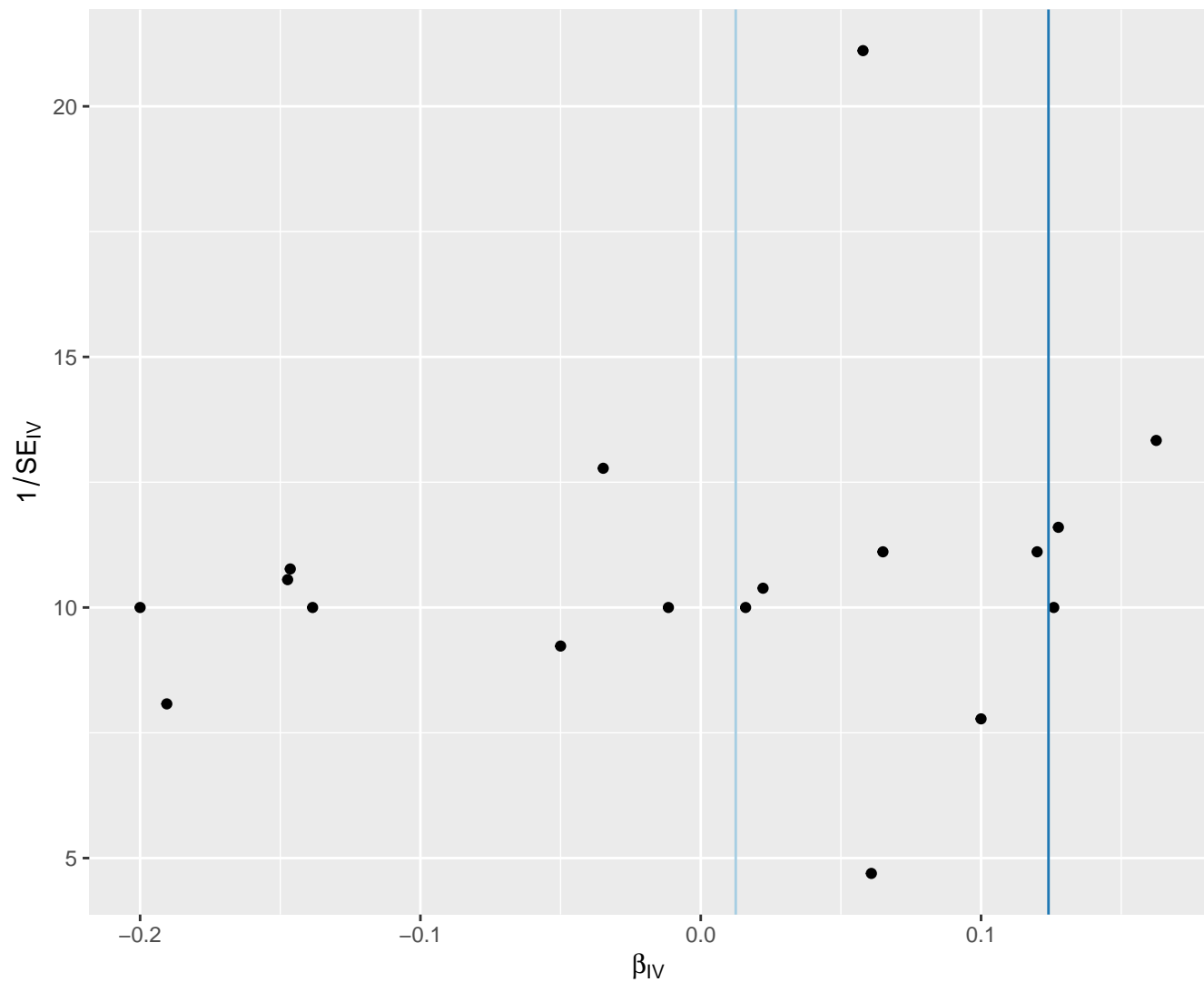


X-12095--N1-methyl-3-pyridone-4-carboxamide



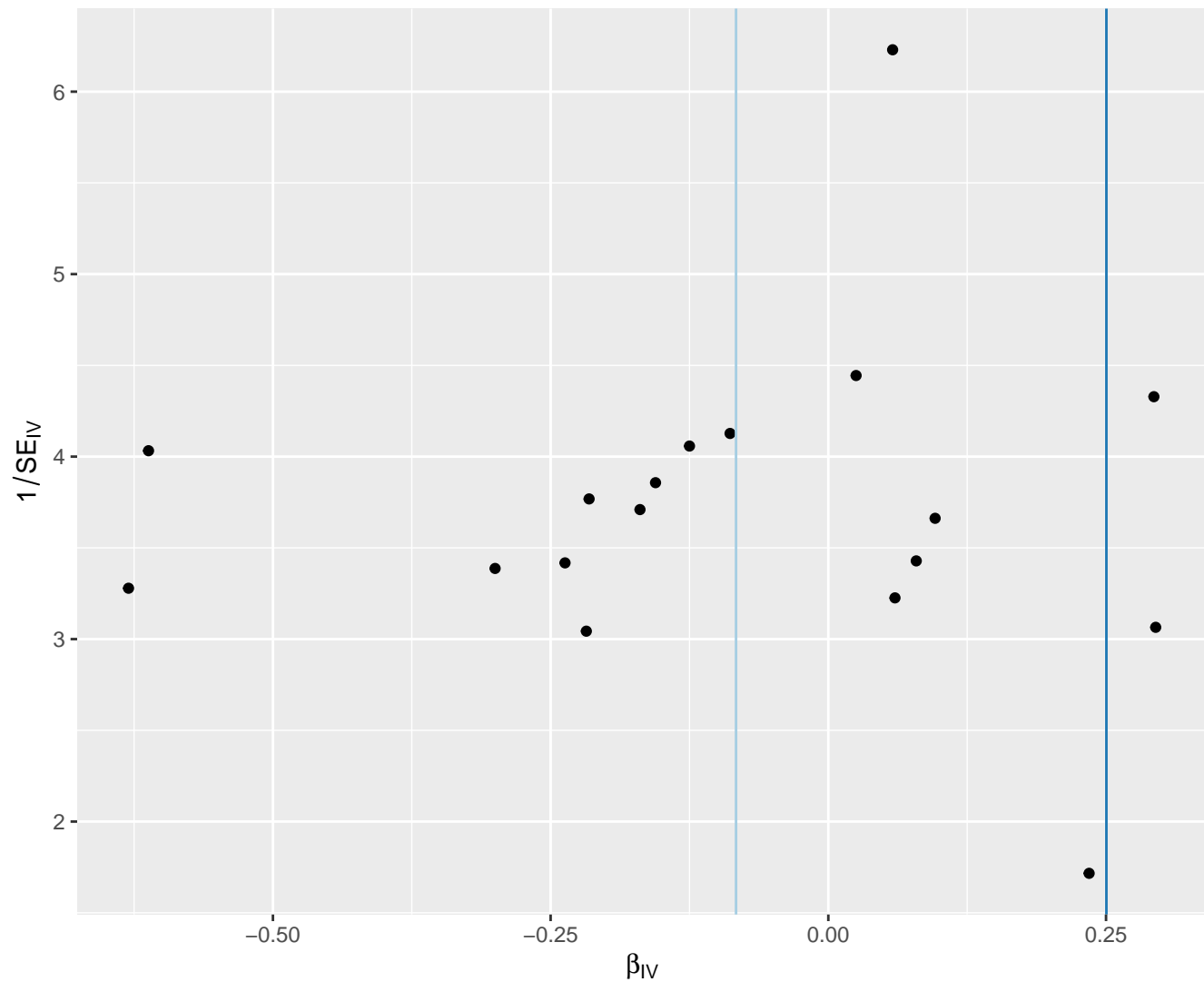
# X-12100--hydroxytryptophan\*

MR Method



X-12116

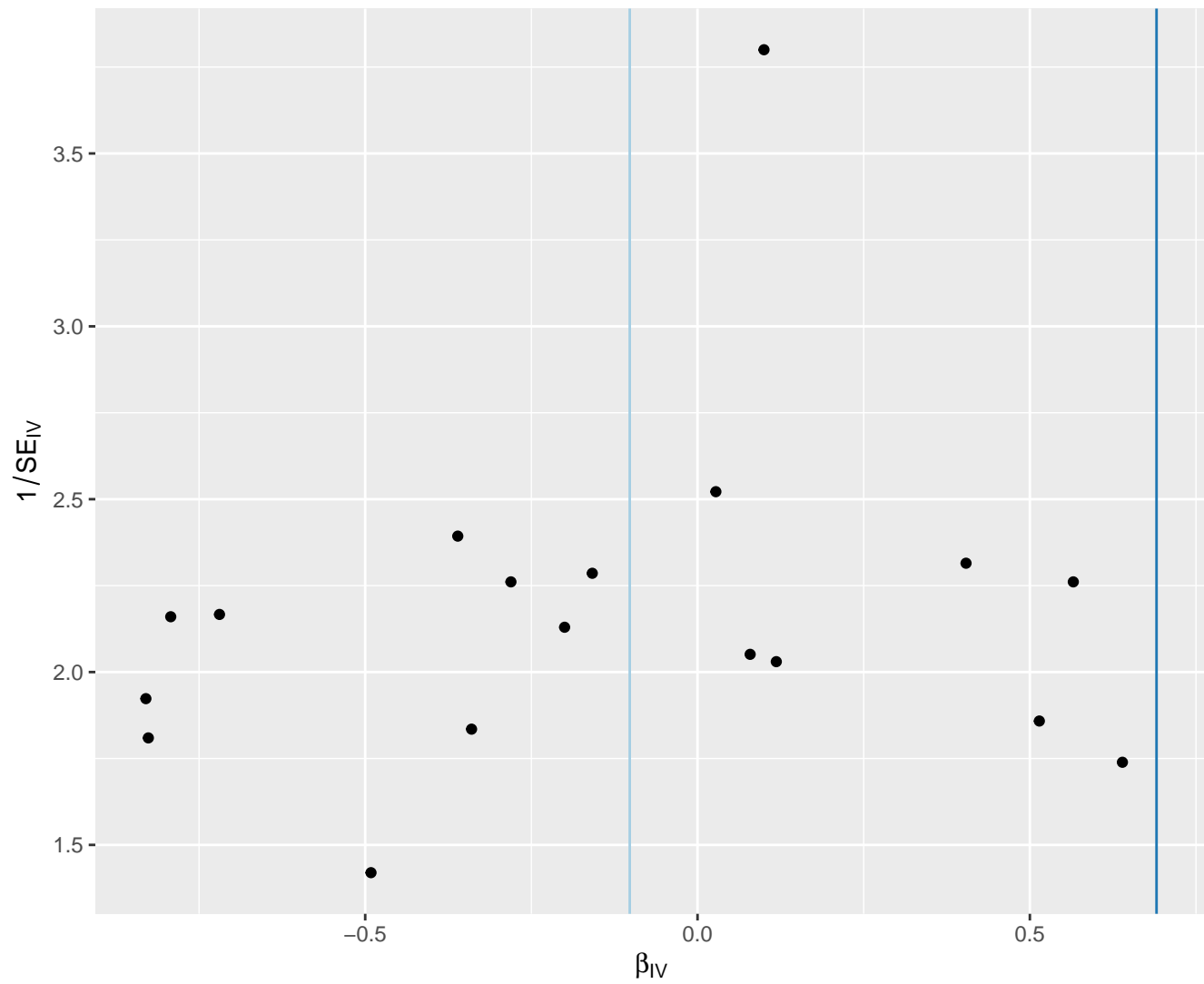
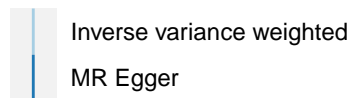
MR Method





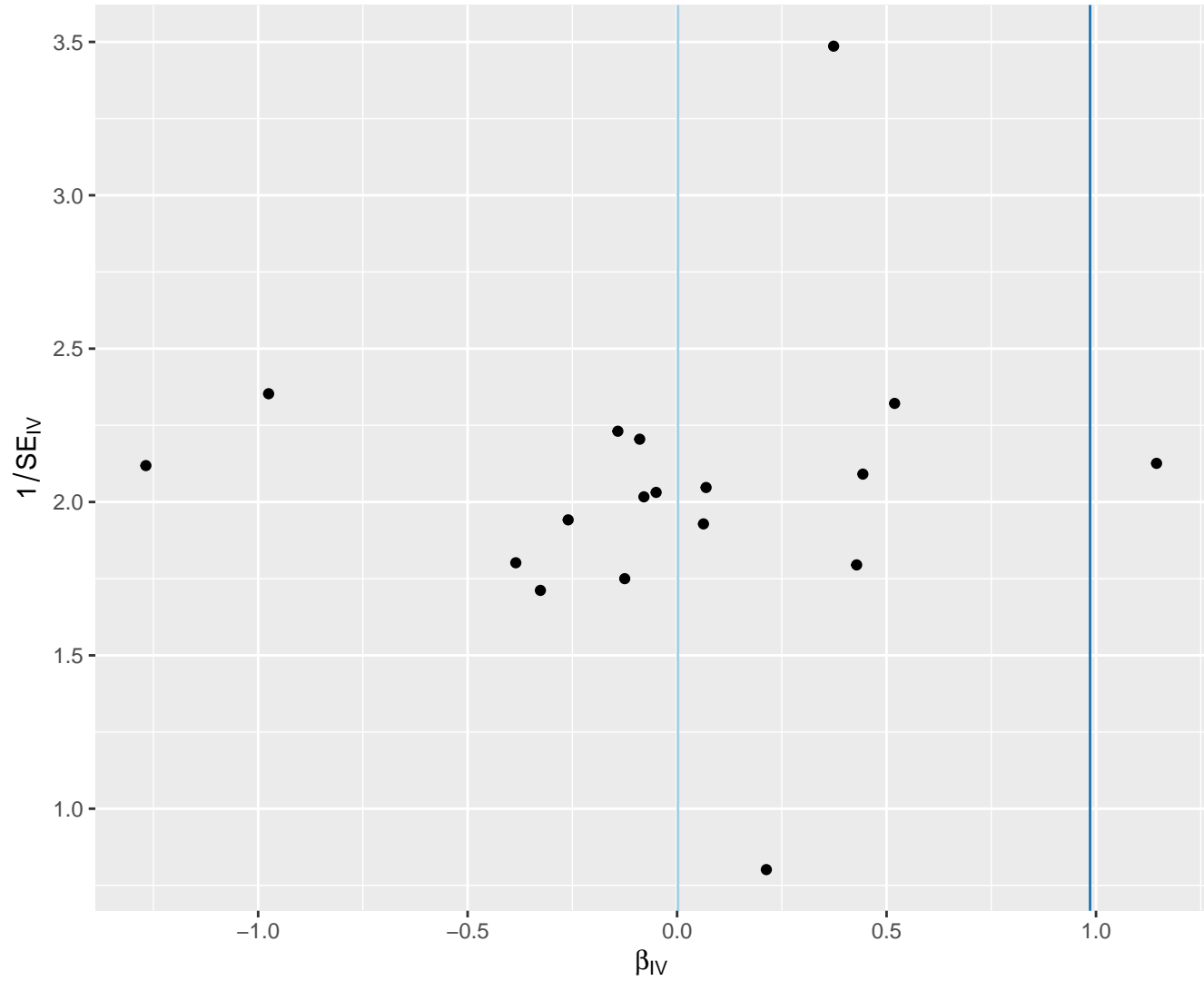
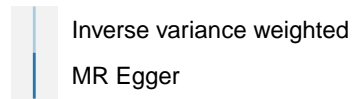
X-12188

MR Method



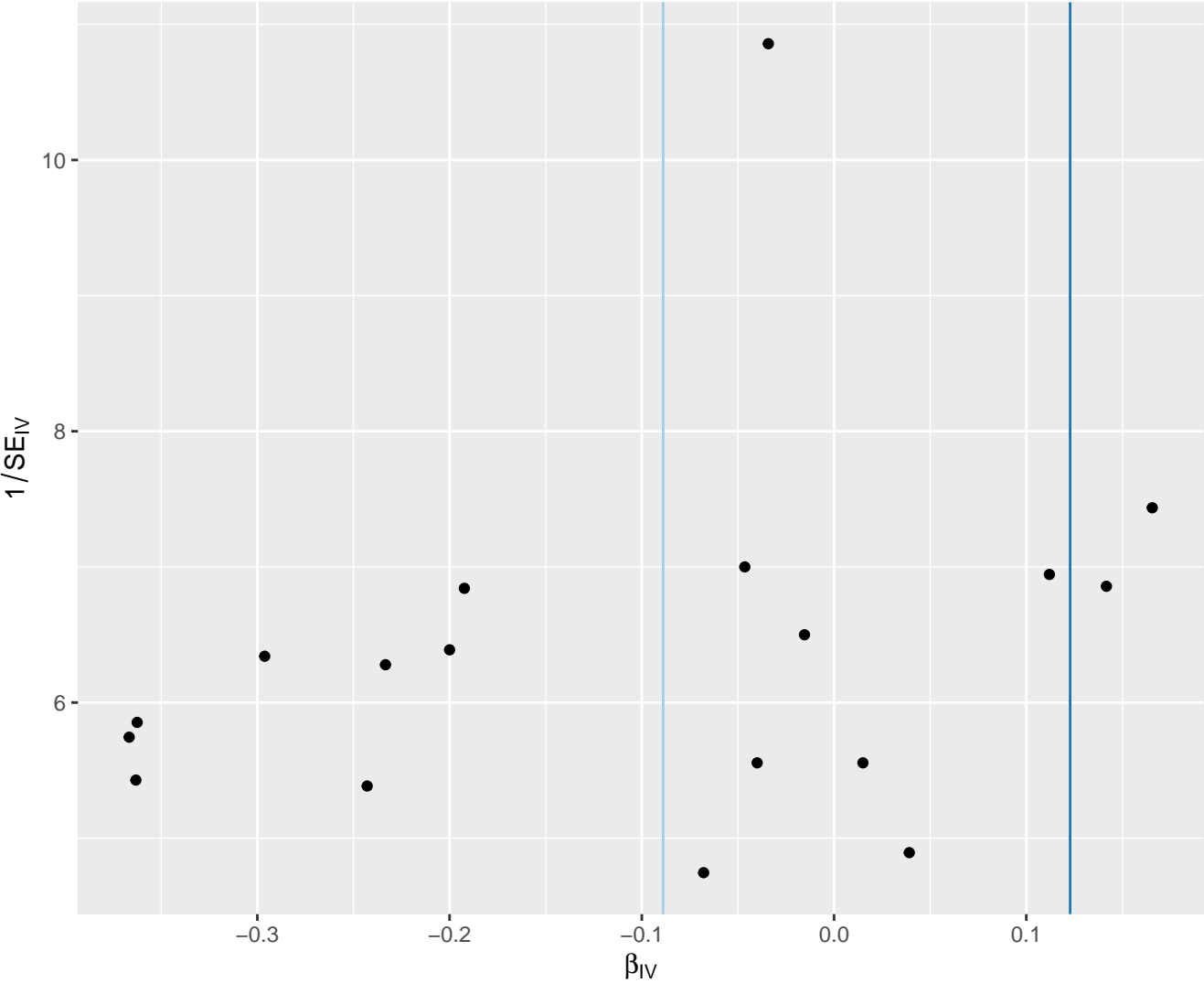
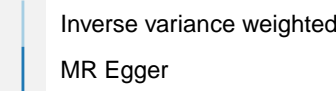
X-12189

MR Method



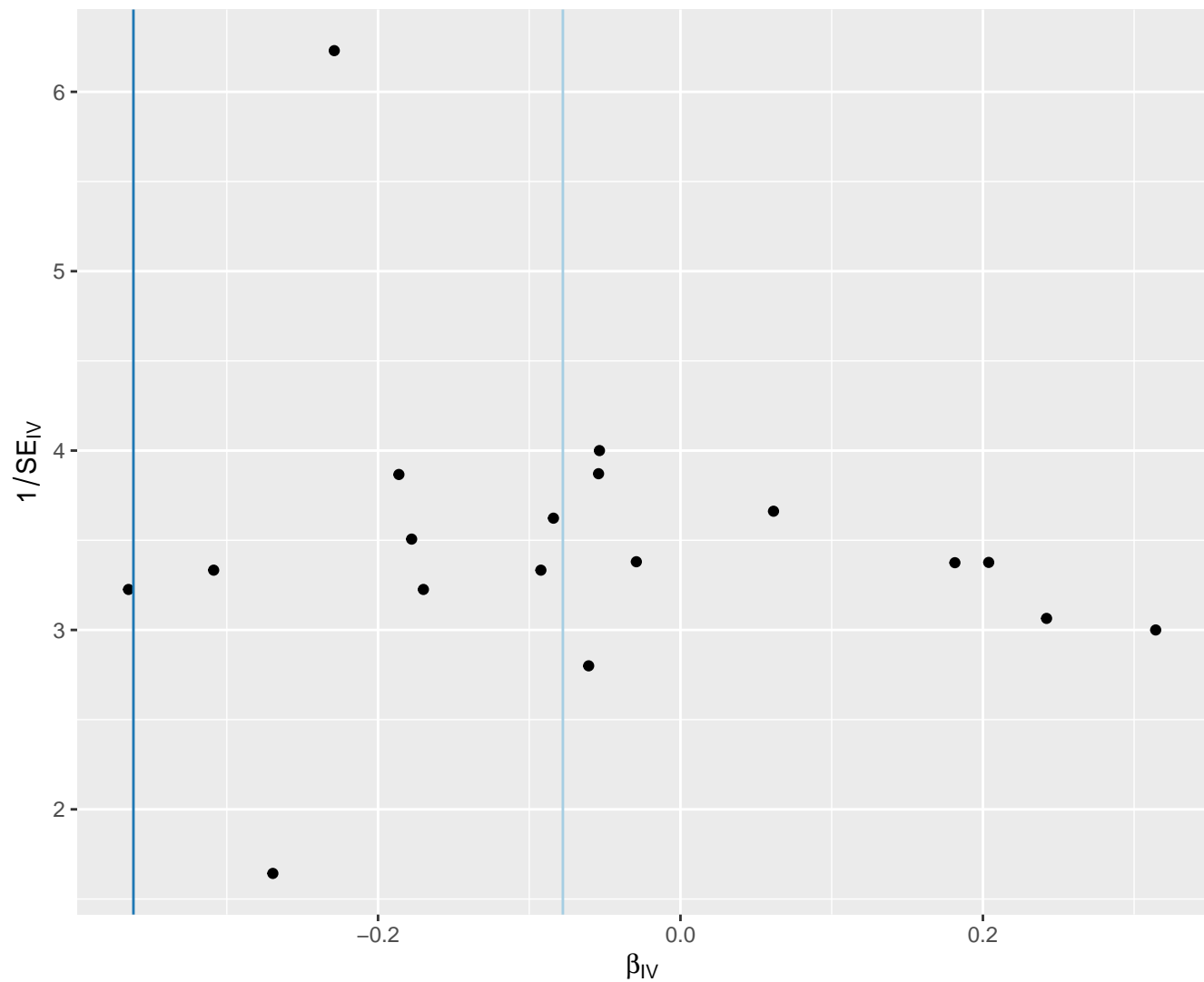
X-12206

MR Method



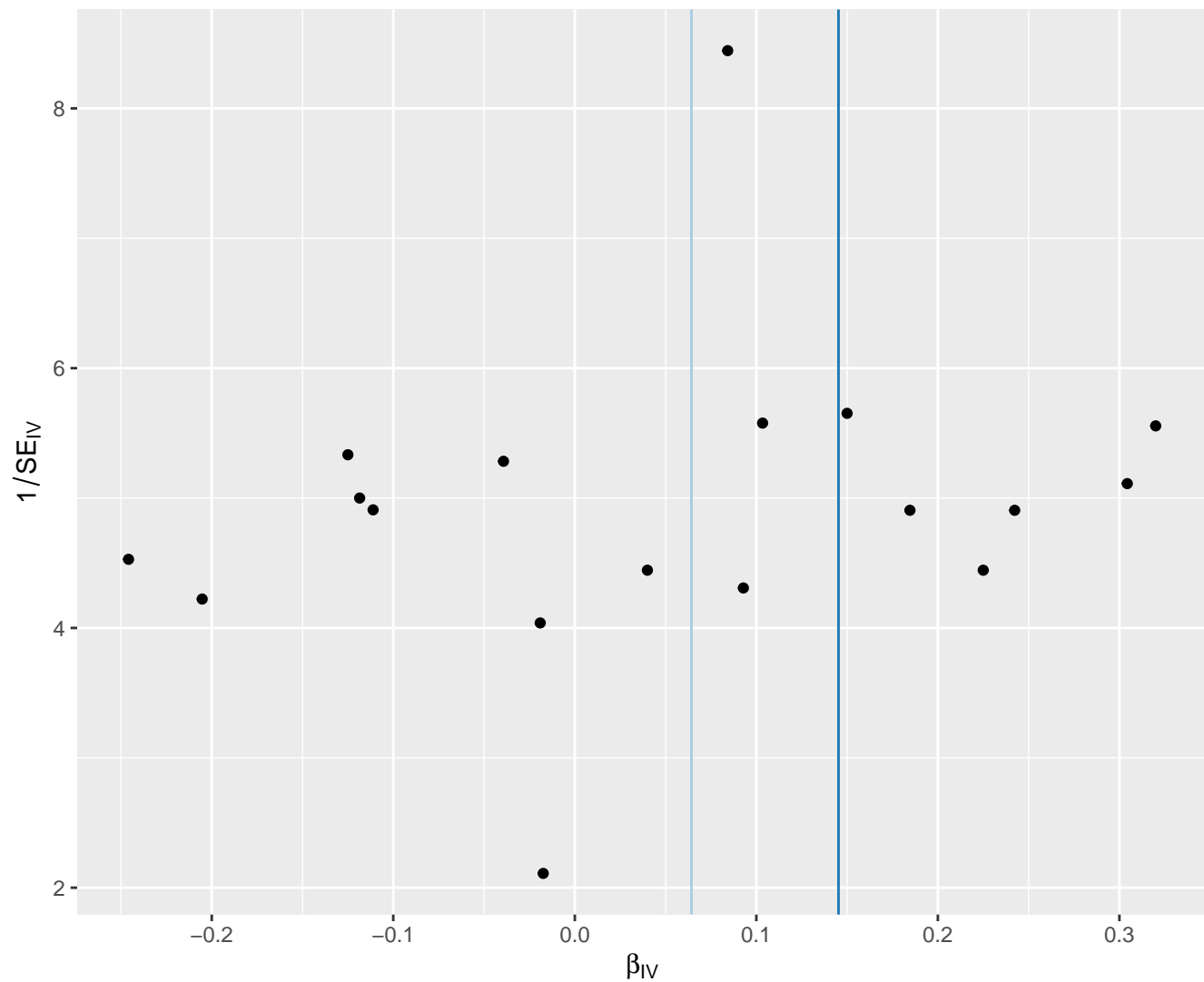
X-12212

MR Method



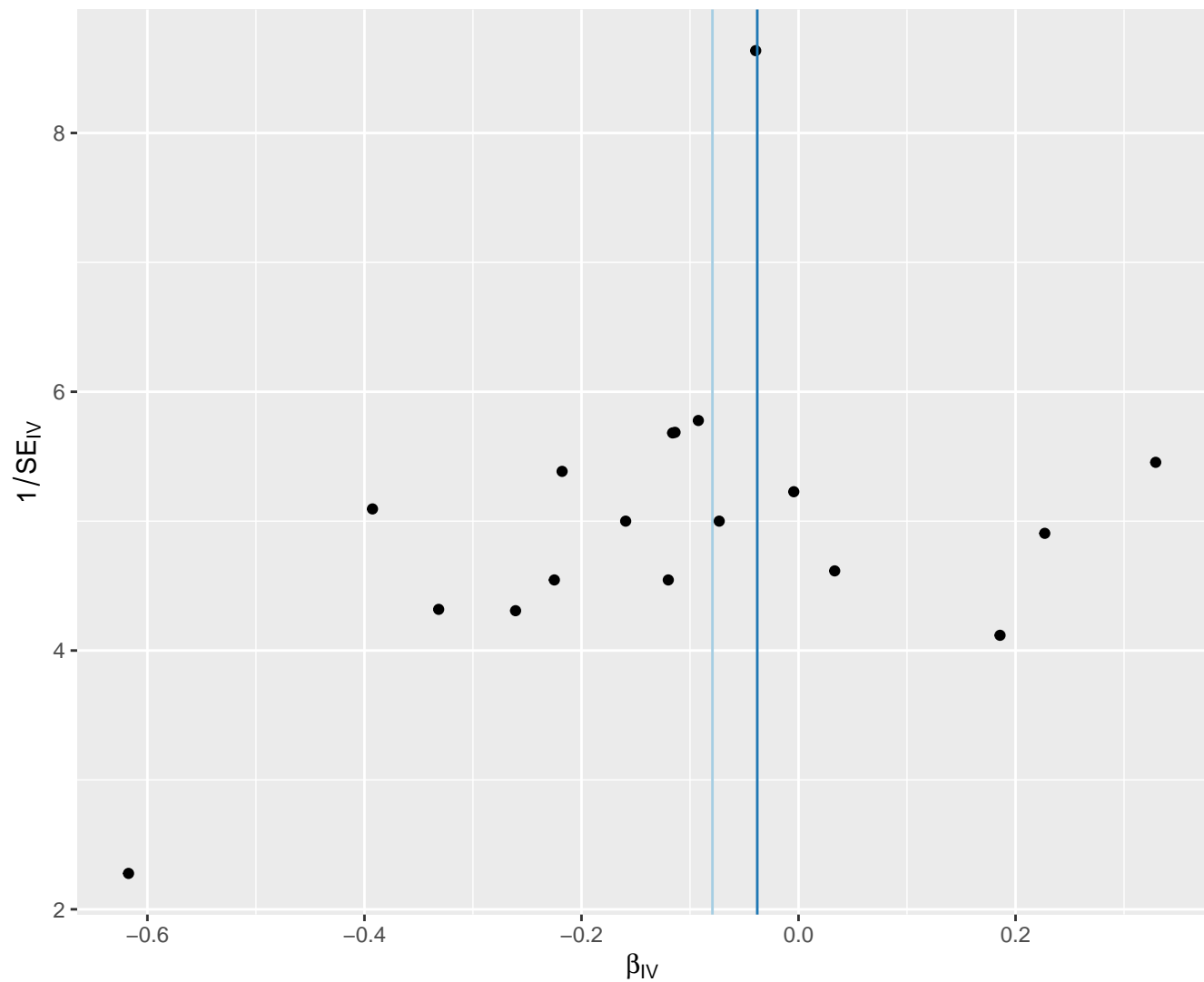
X-12216

MR Method



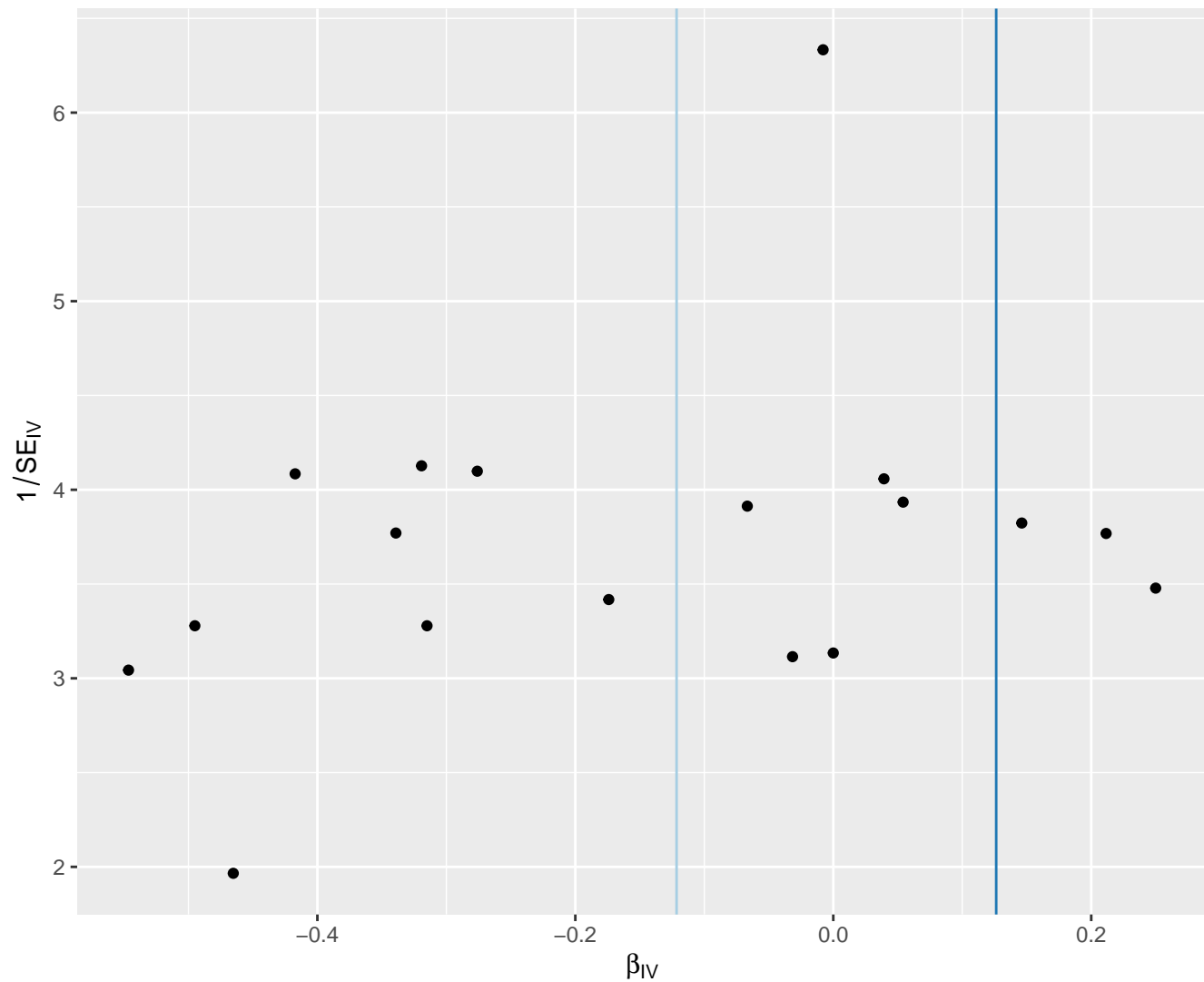
X-12217

MR Method



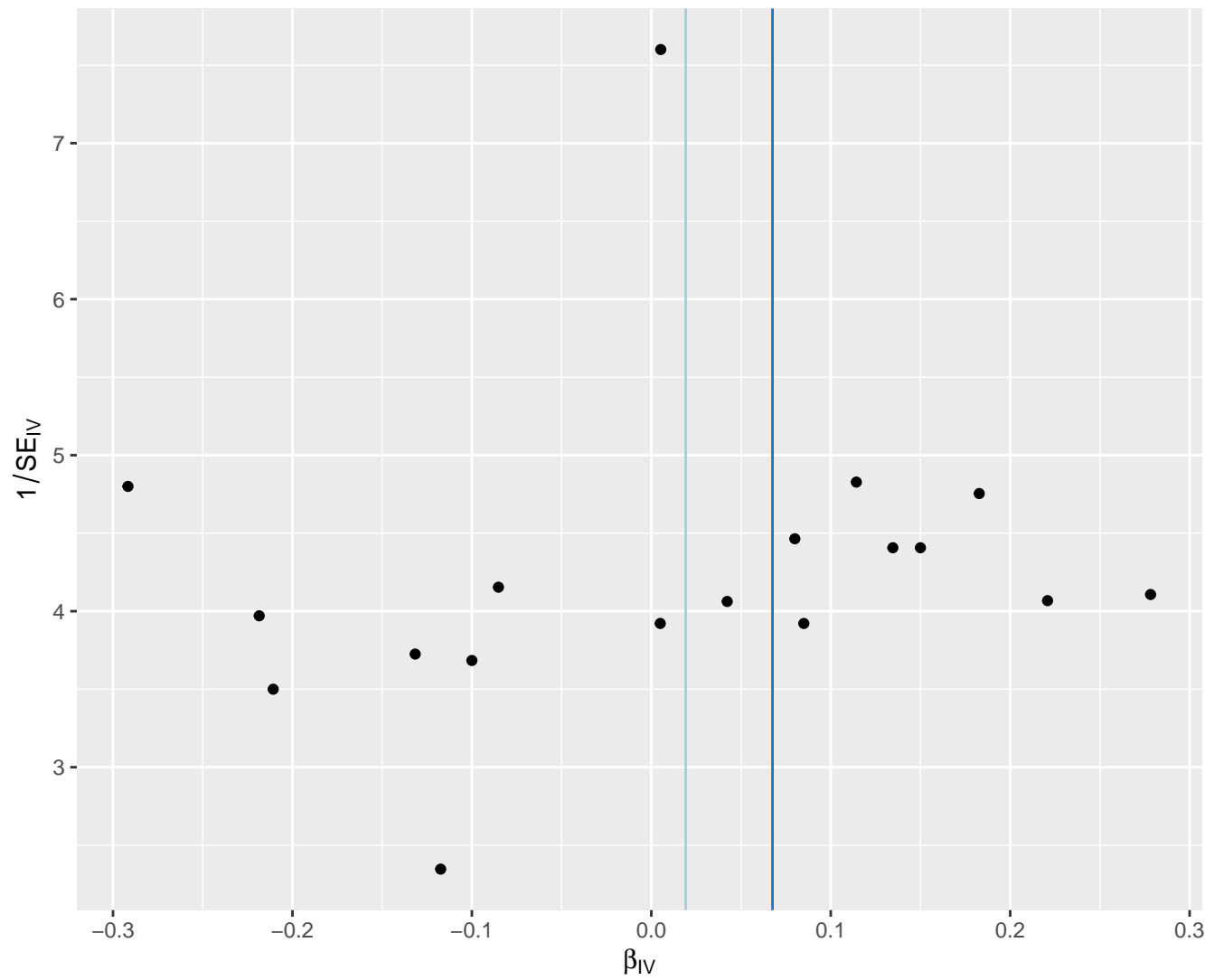
X-12230

MR Method



X-12231

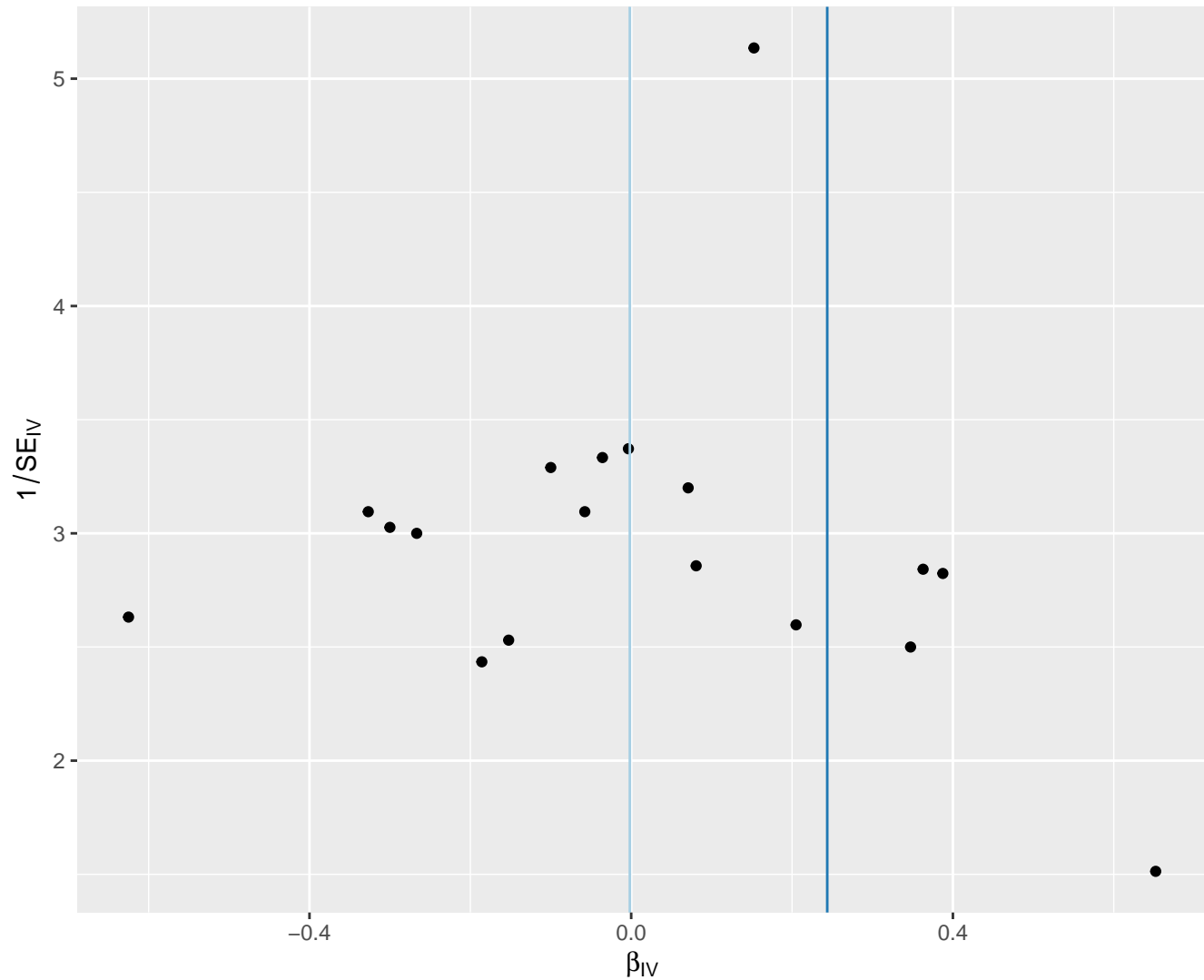
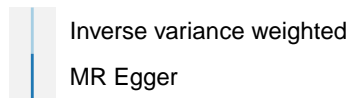
MR Method





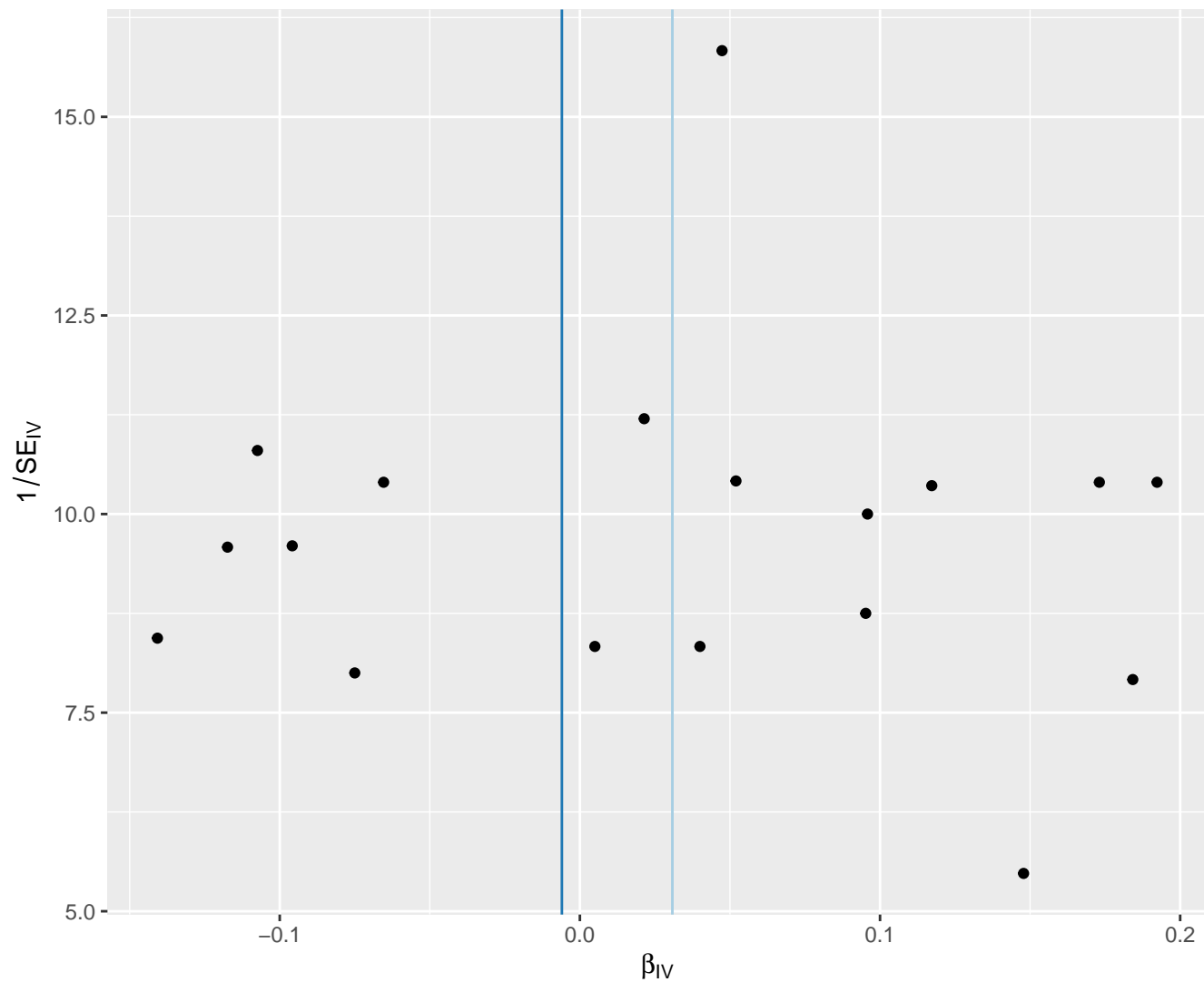
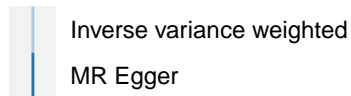
X-12236

MR Method



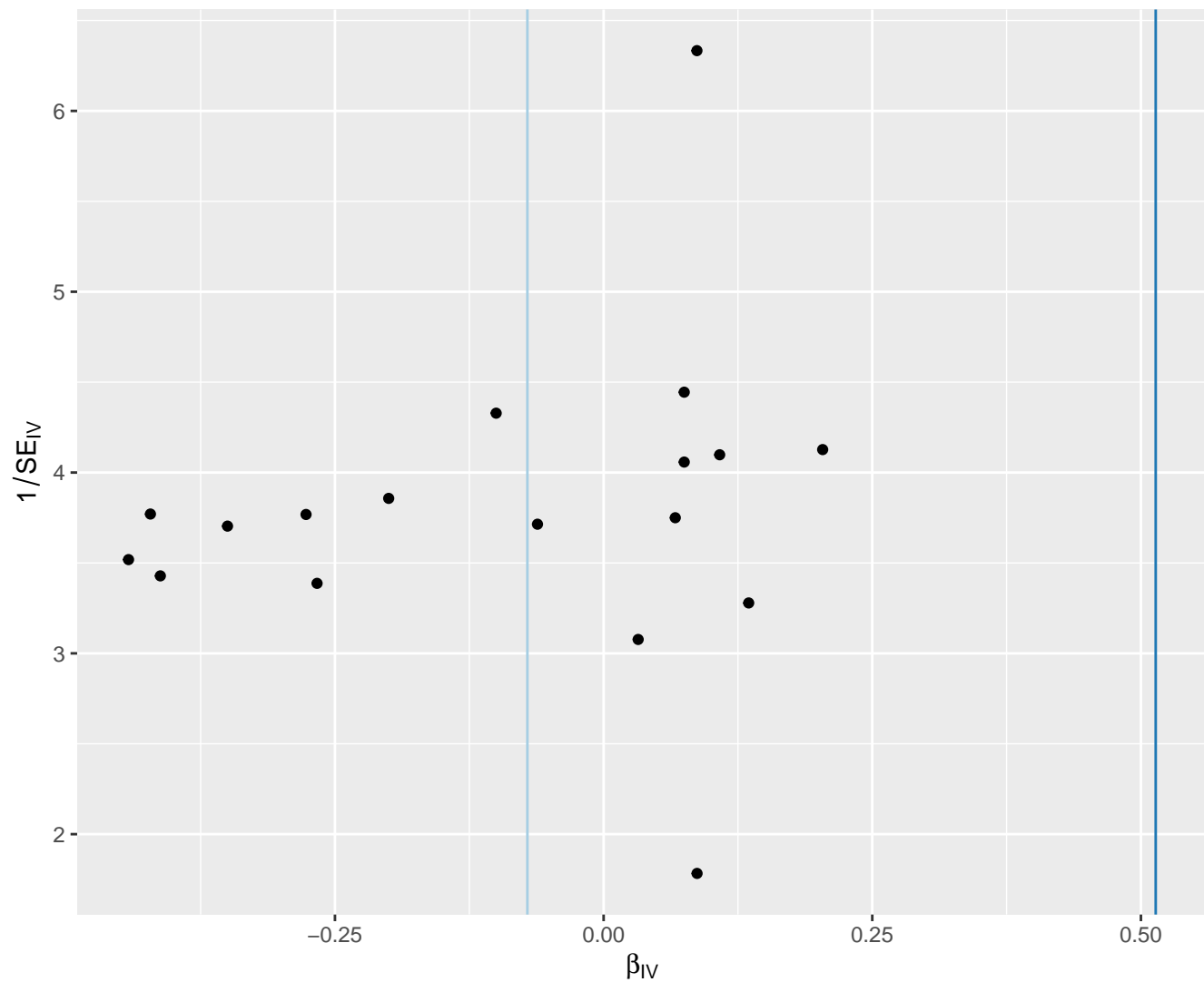
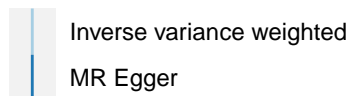
# X-12244--N-acetylcarnosine

MR Method



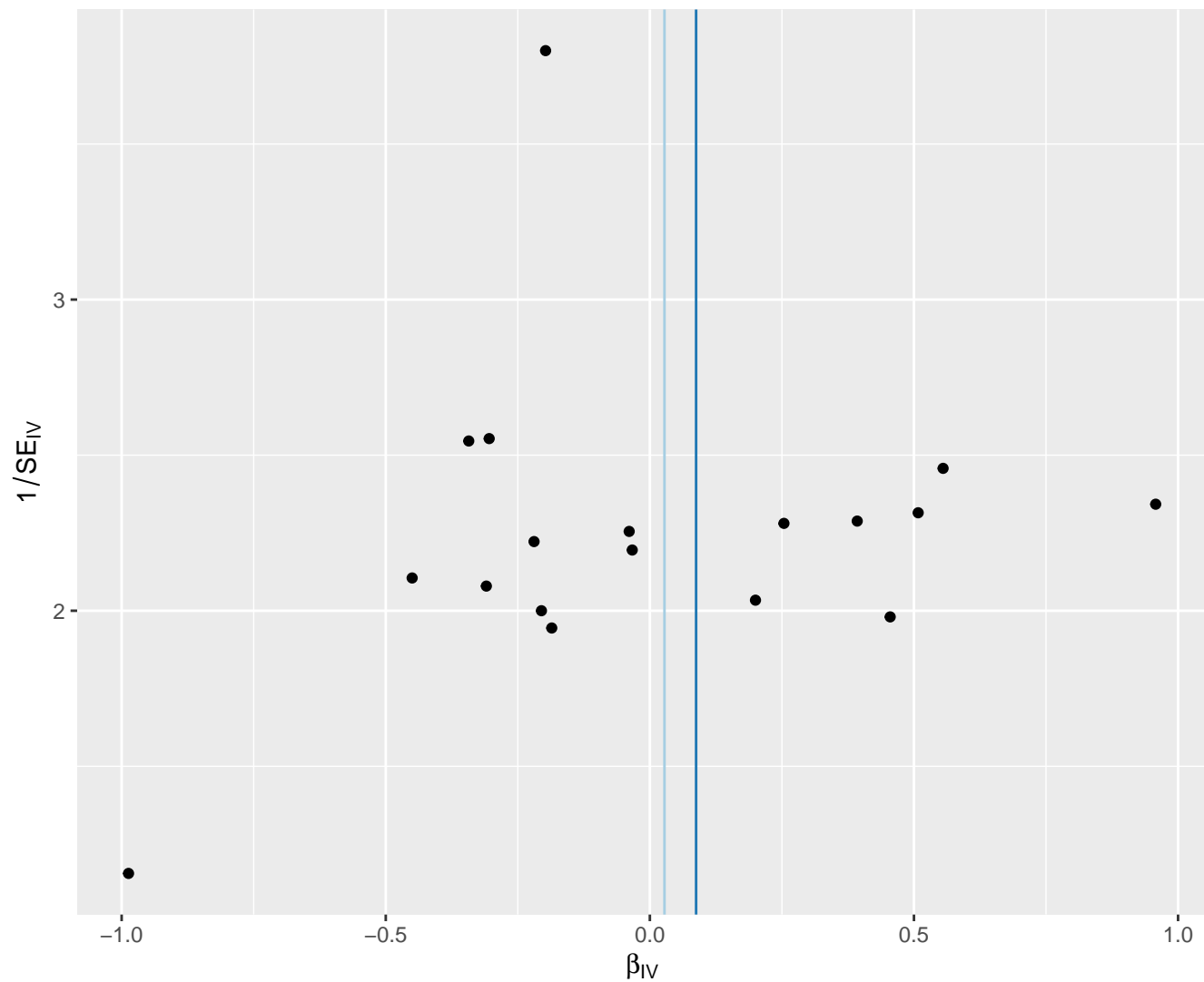
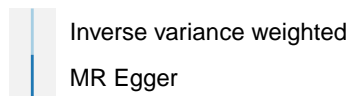
X-12253

MR Method



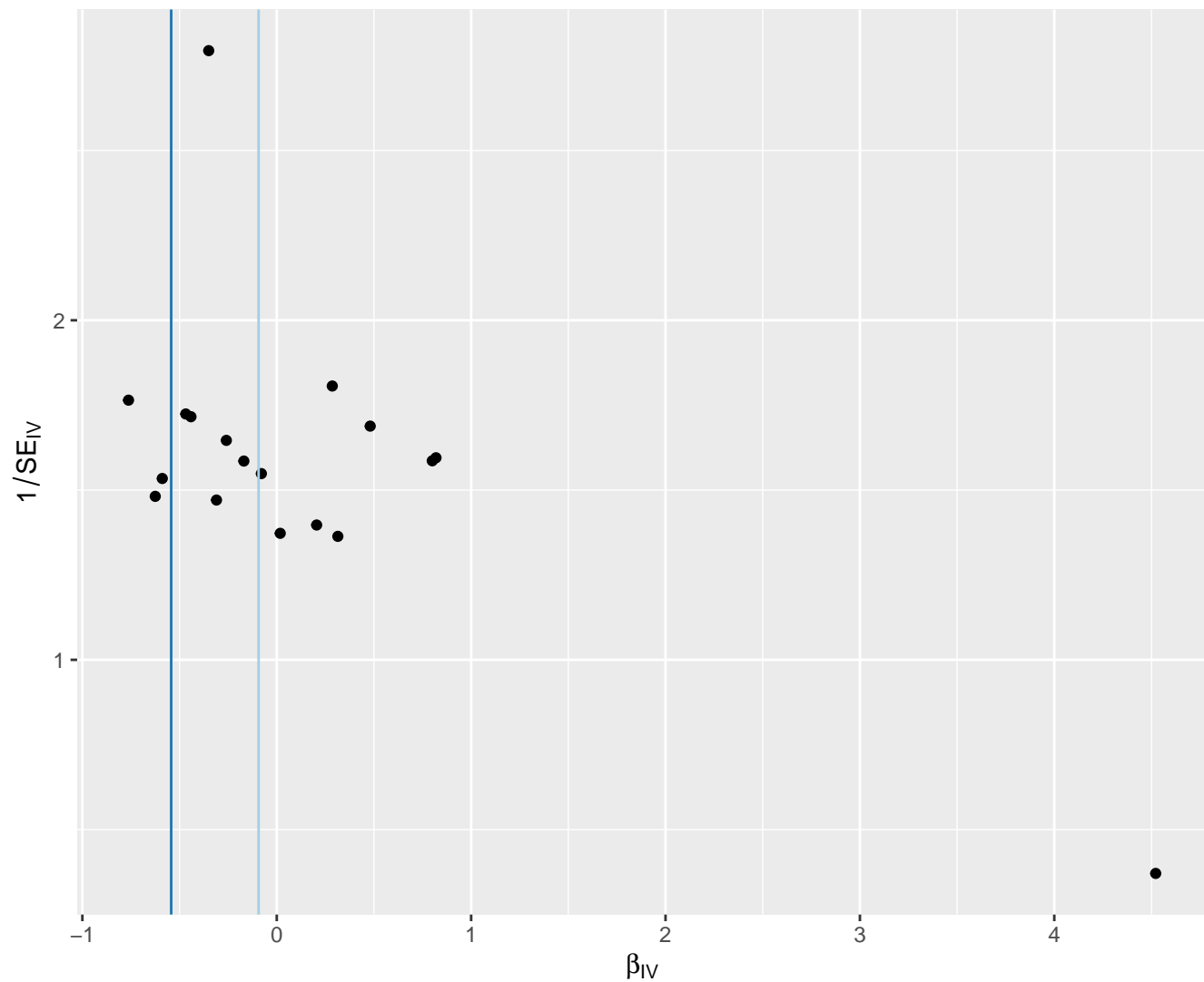
X-12261

MR Method



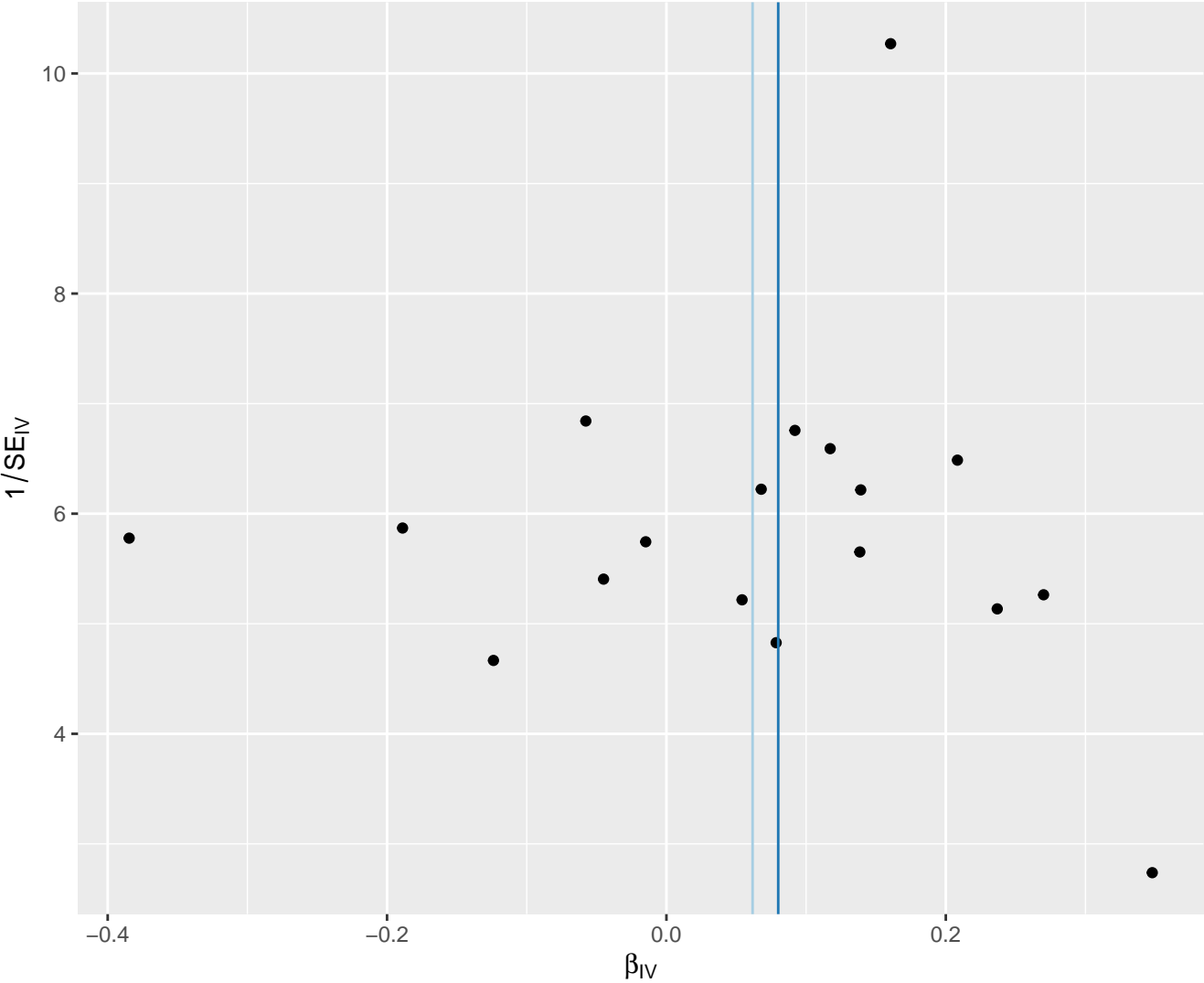
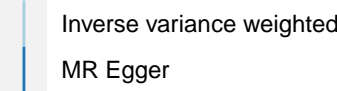
X-12329

MR Method



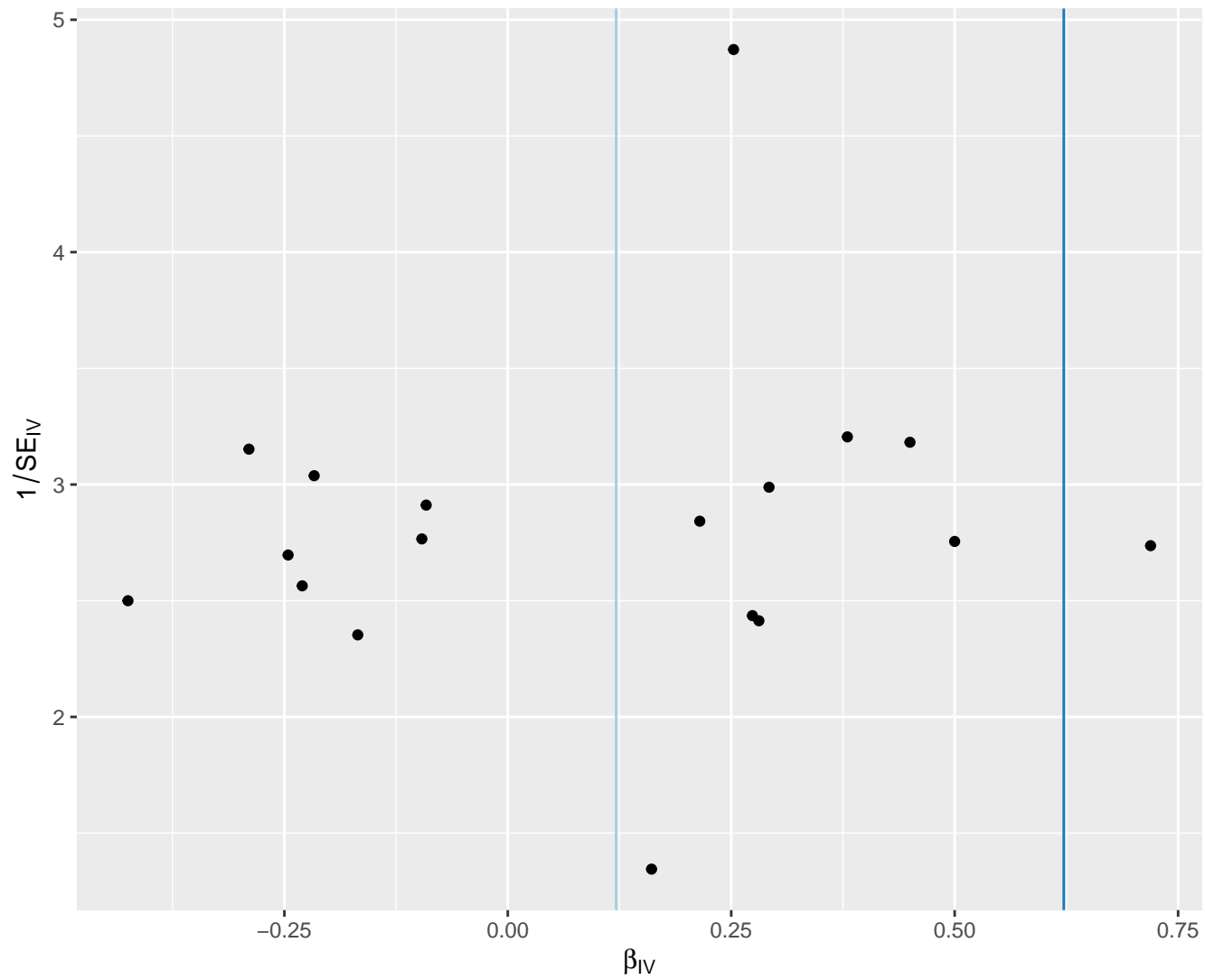
X-12405

MR Method



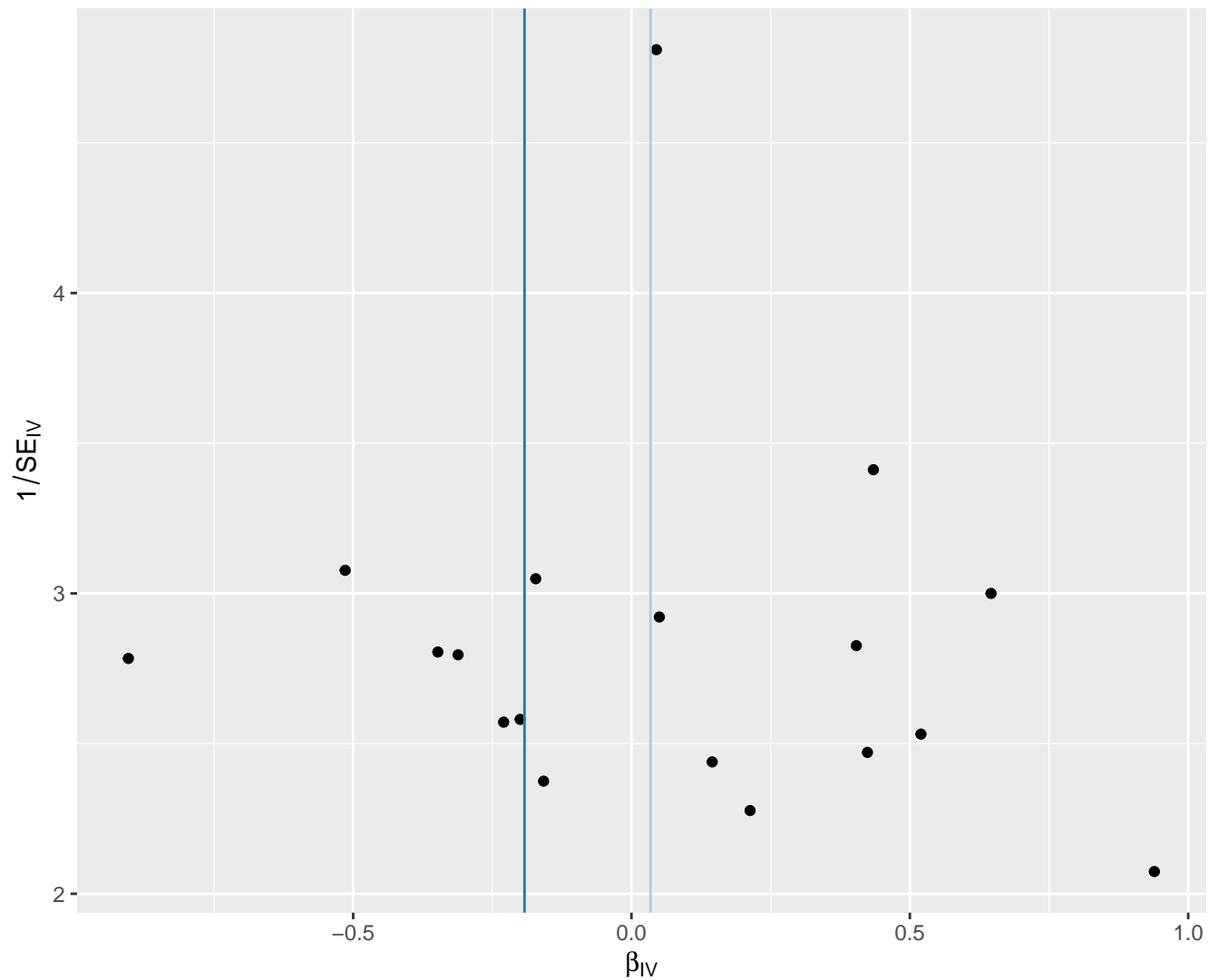
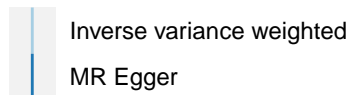
X-12407

MR Method



X-12428

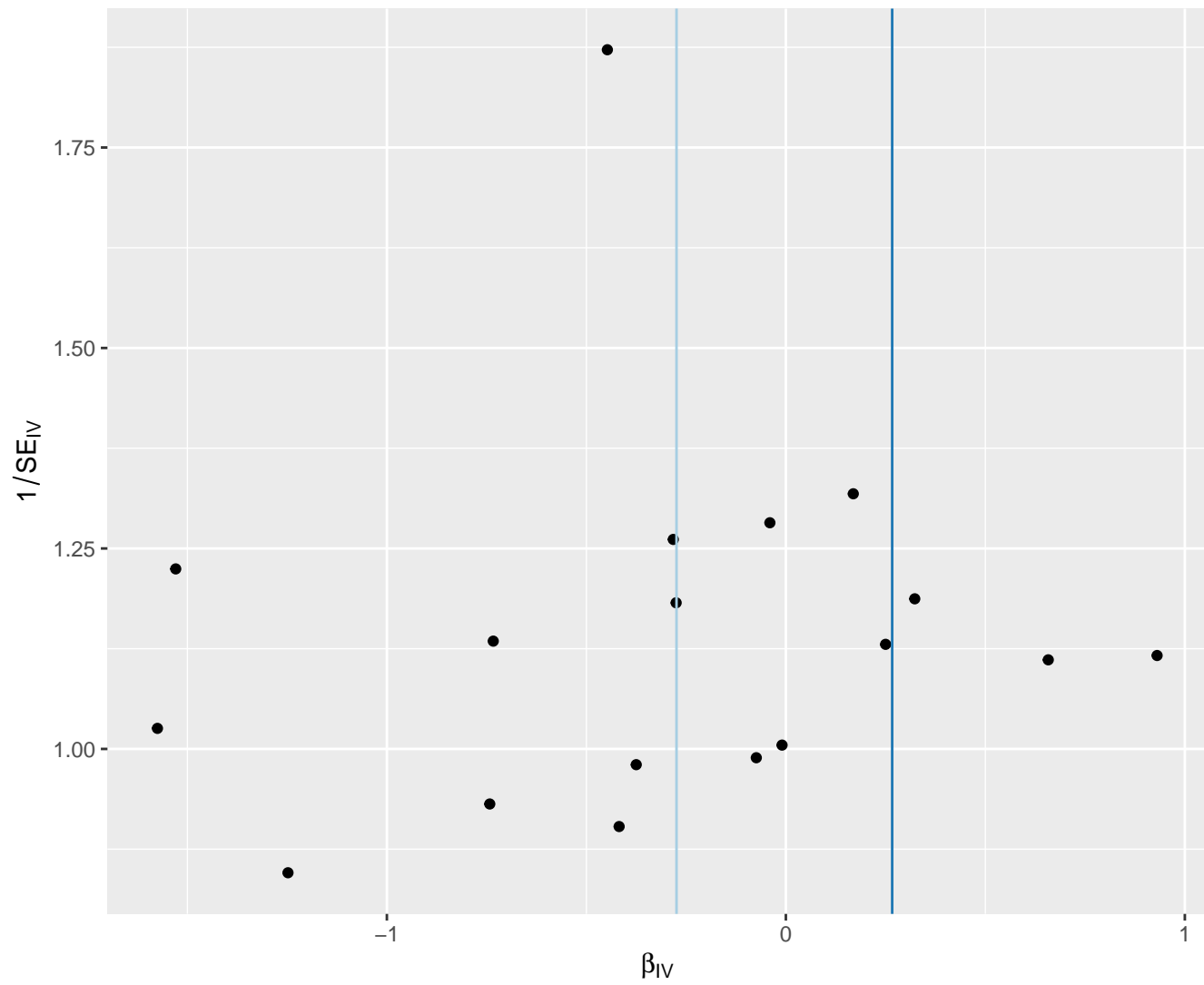
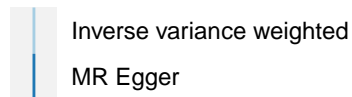
MR Method





X-12435

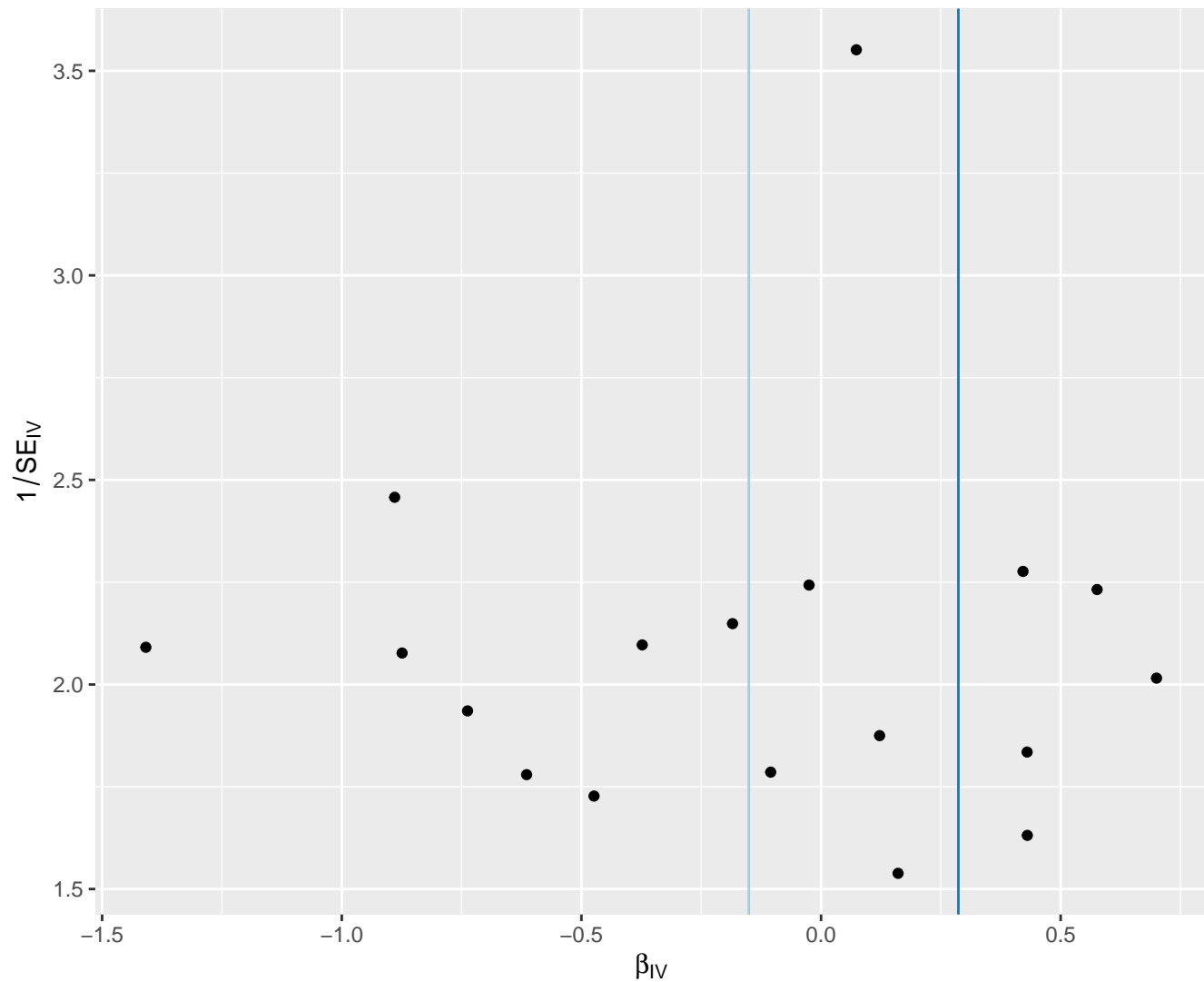
MR Method



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

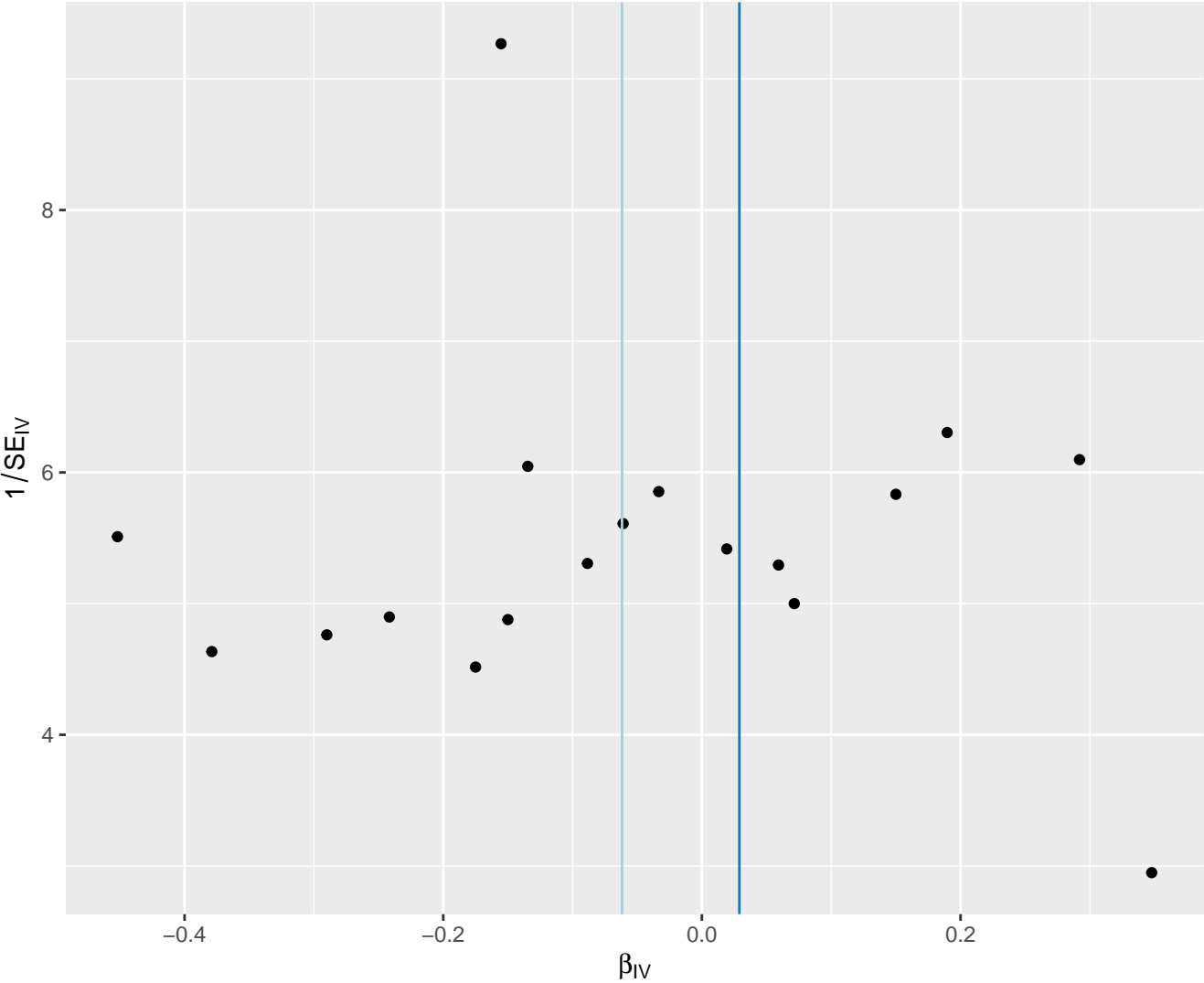
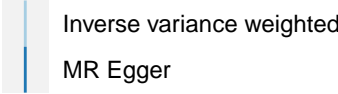
MR Method

Inverse variance weighted  
MR Egger



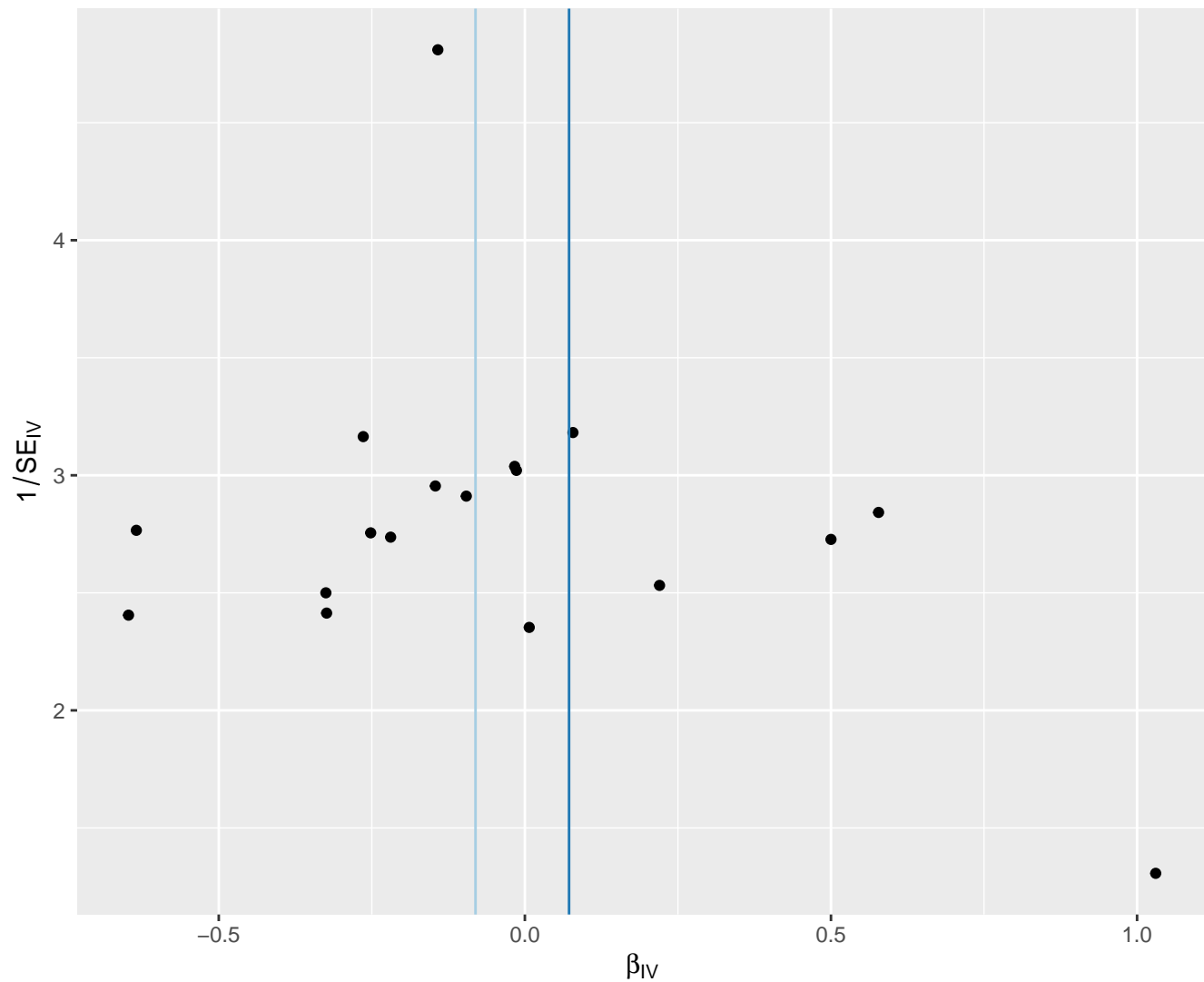
X-12442--5,8-tetradecadienoate

MR Method



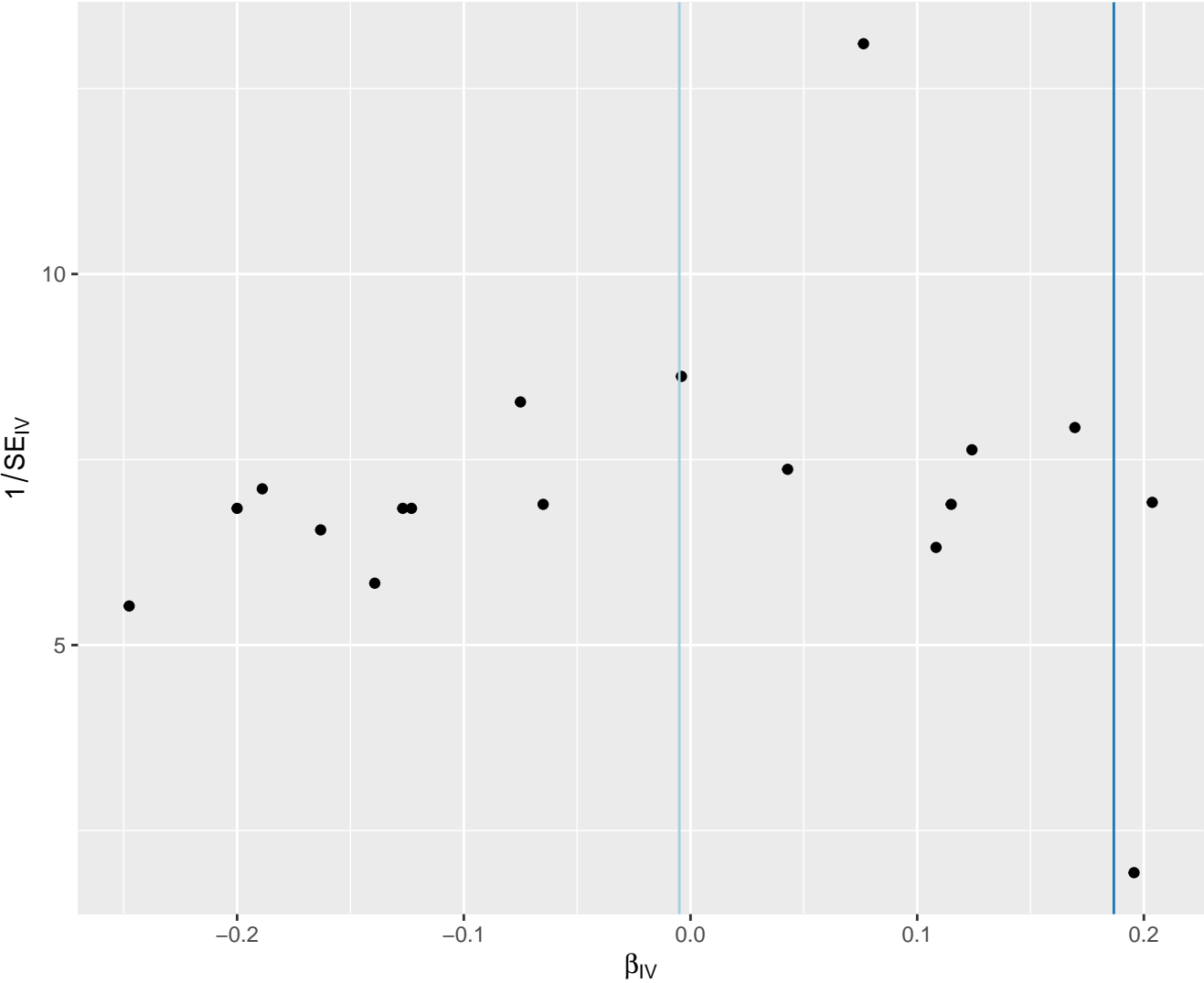
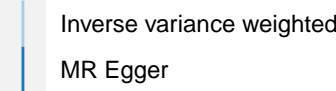
X-12443

MR Method



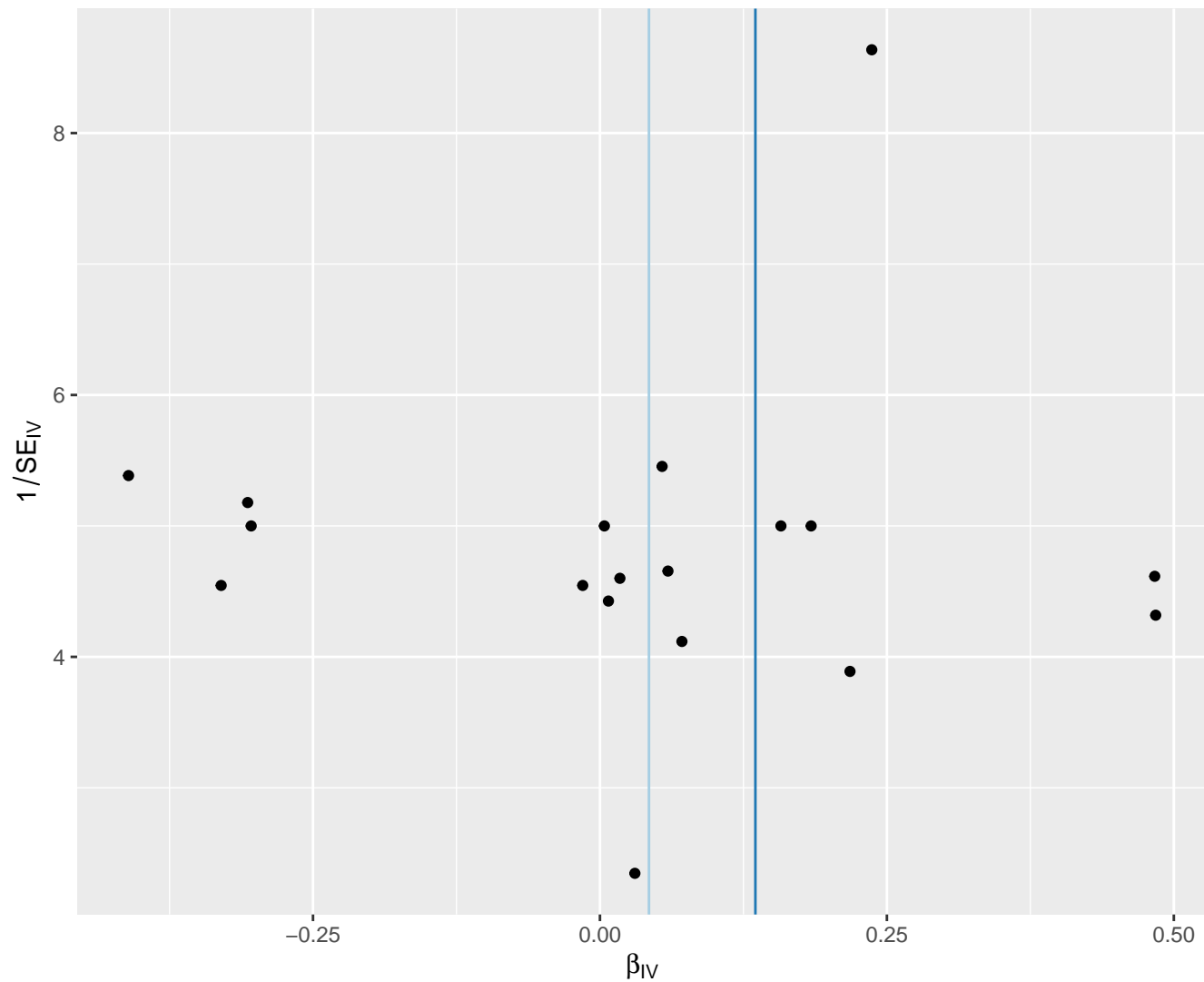
X-12450

MR Method



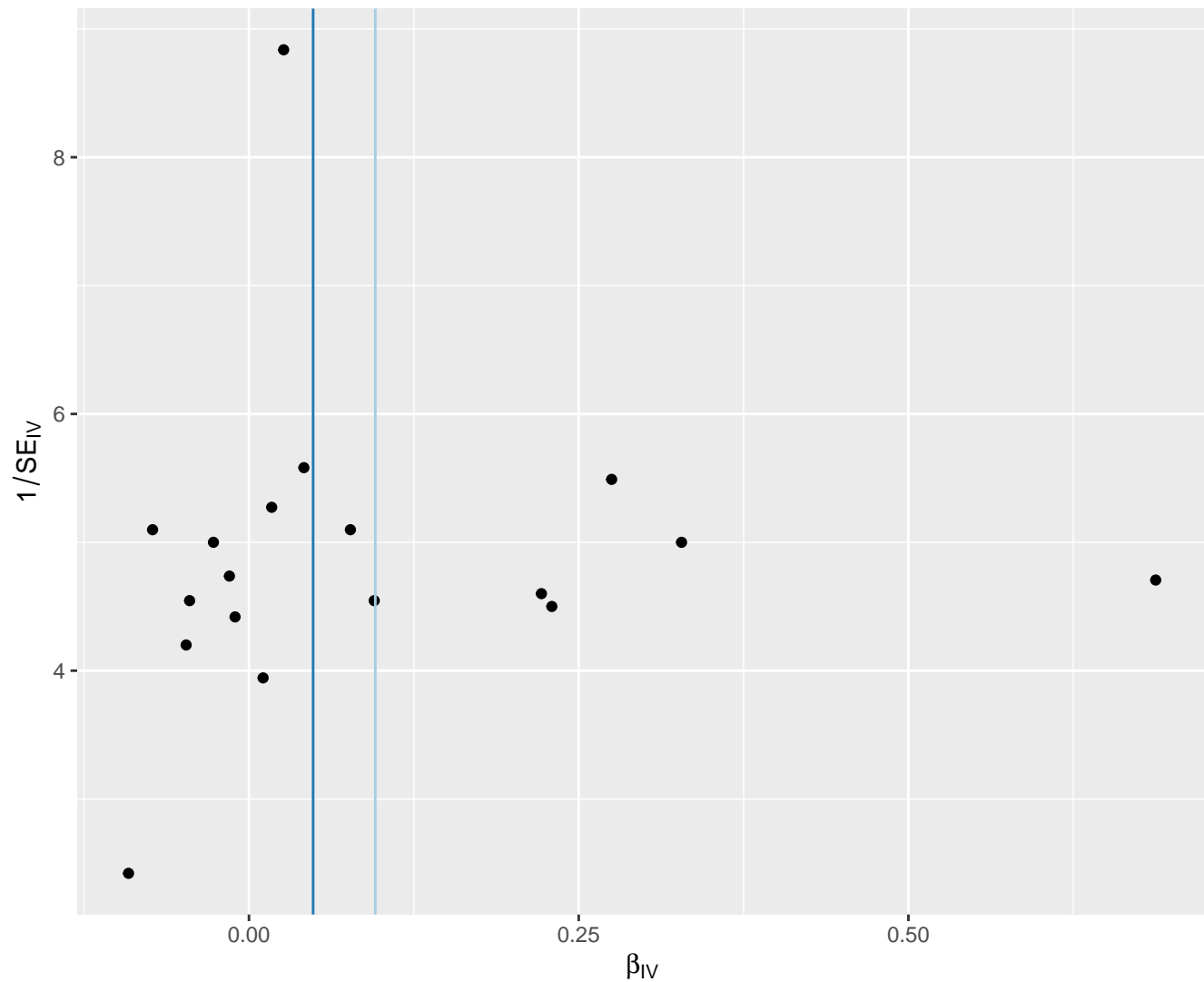
X-12456

MR Method



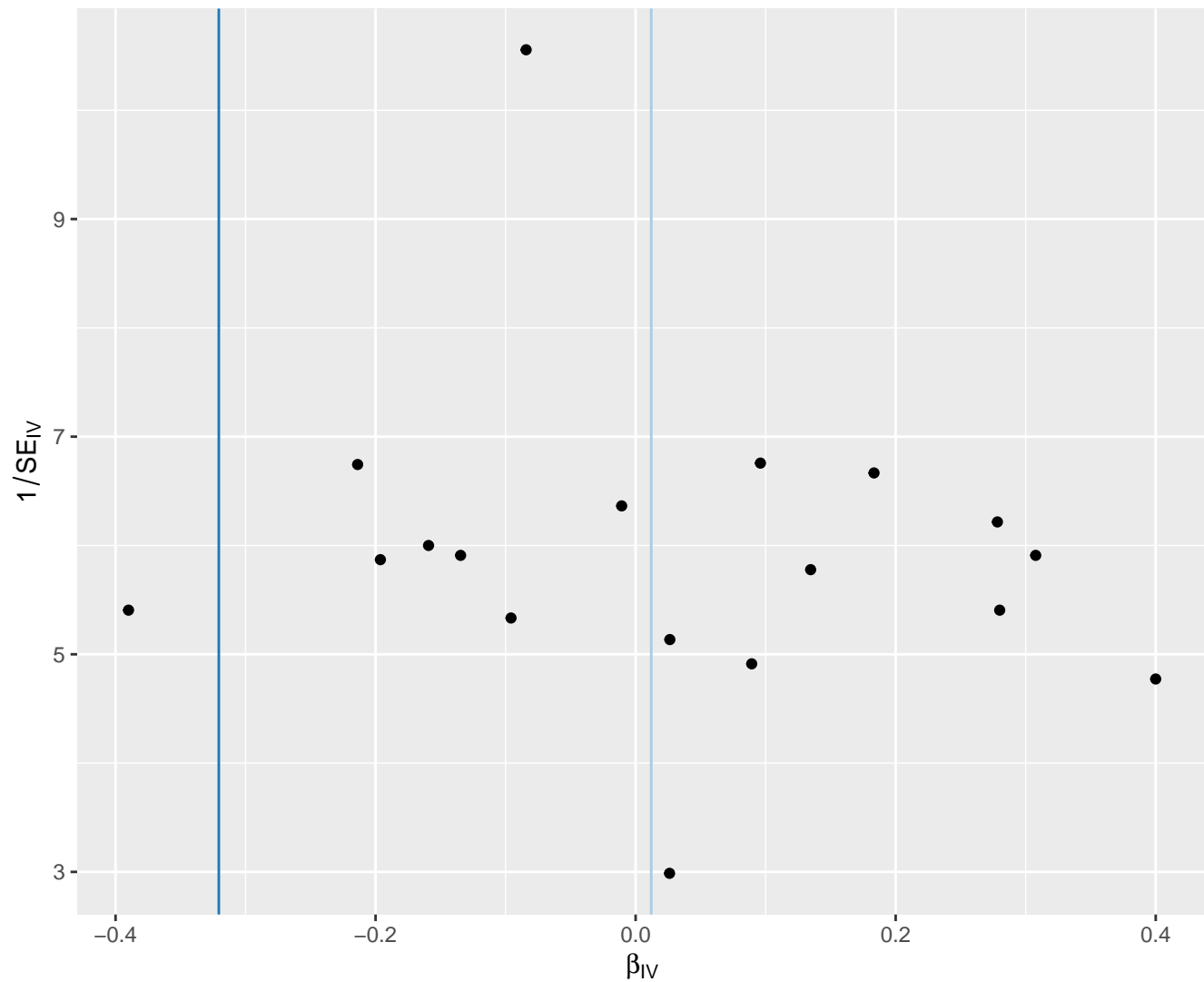
X-12465

MR Method



# X-12510--2-aminooctanoic acid

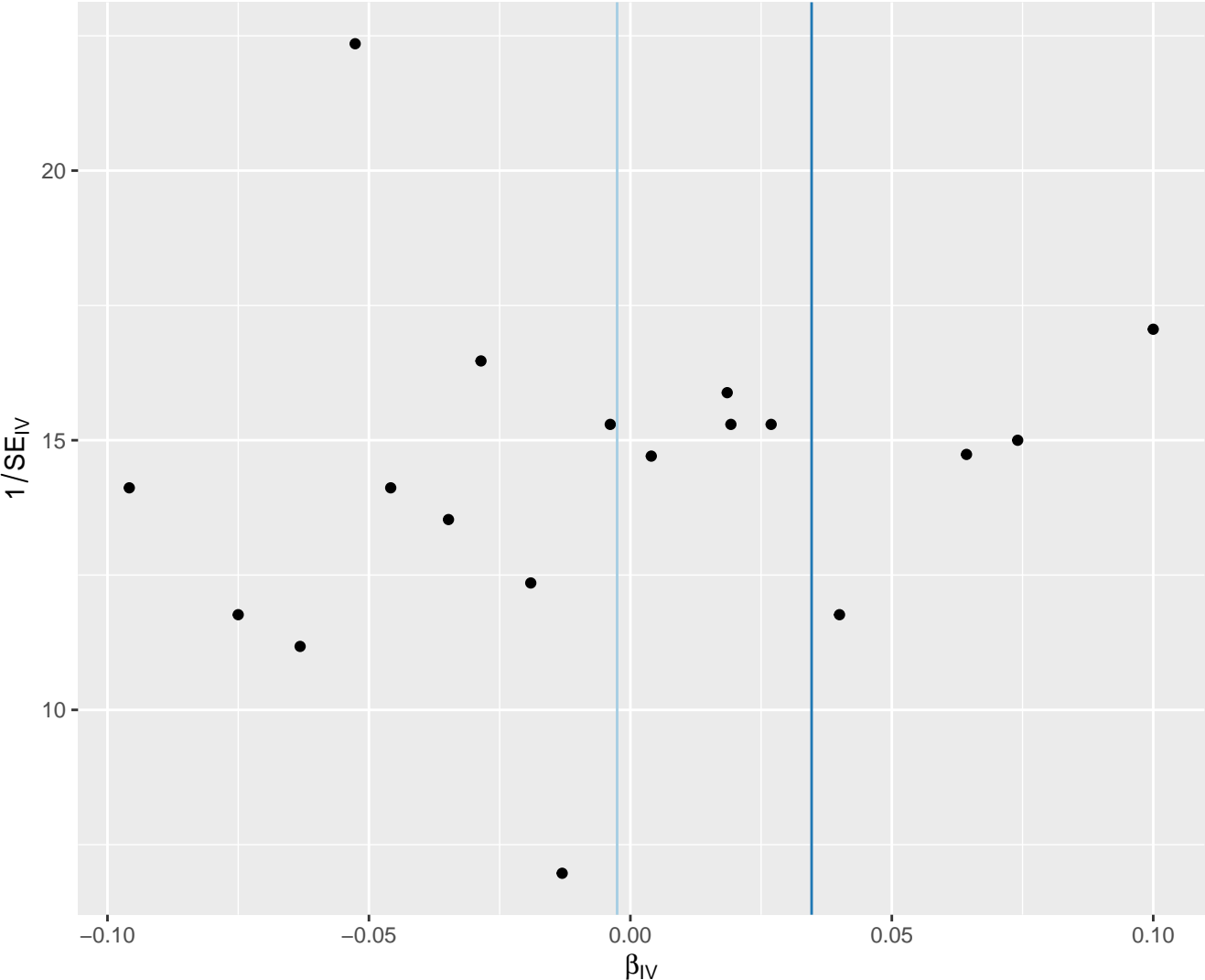
MR Method





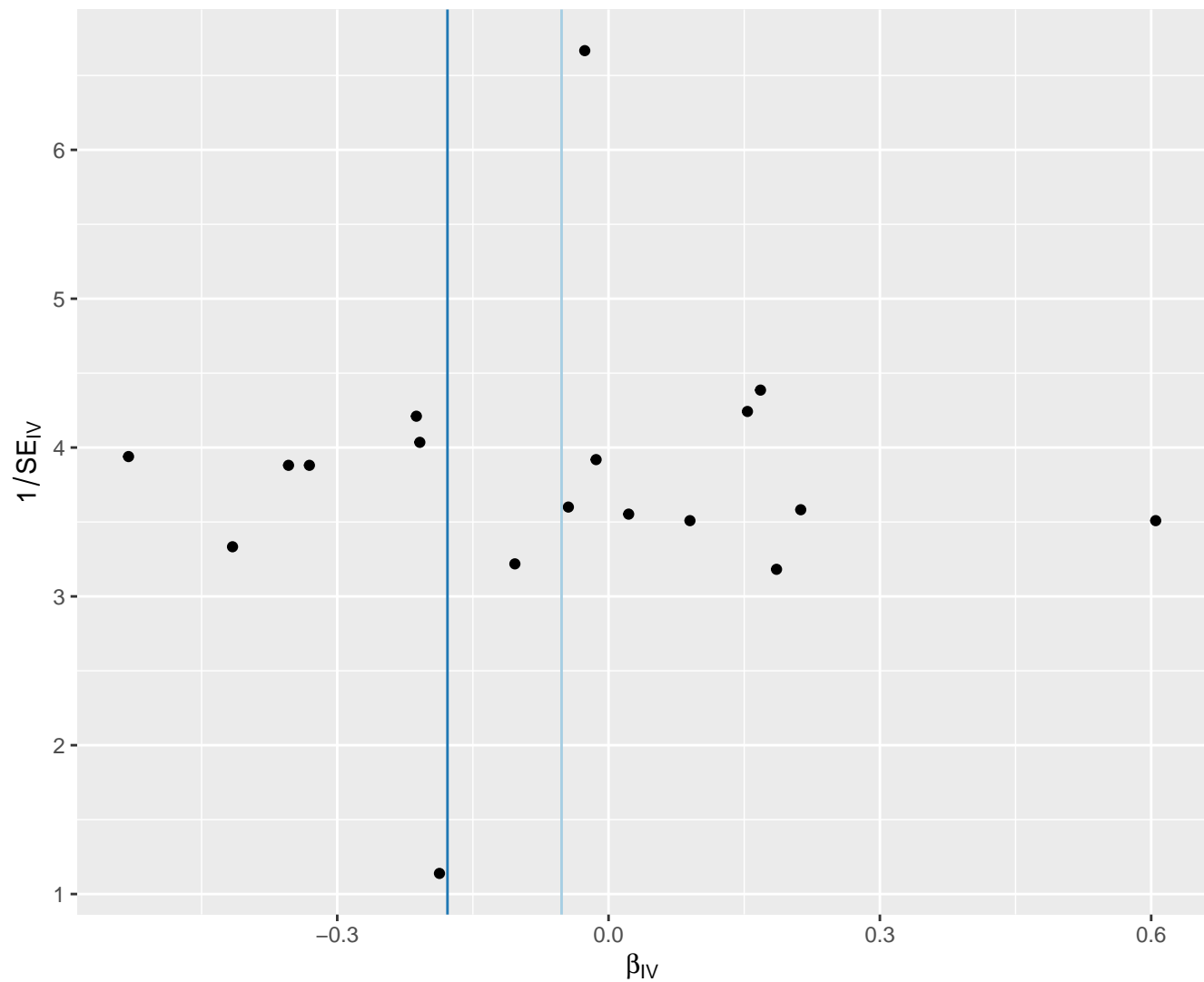
X-12524

MR Method



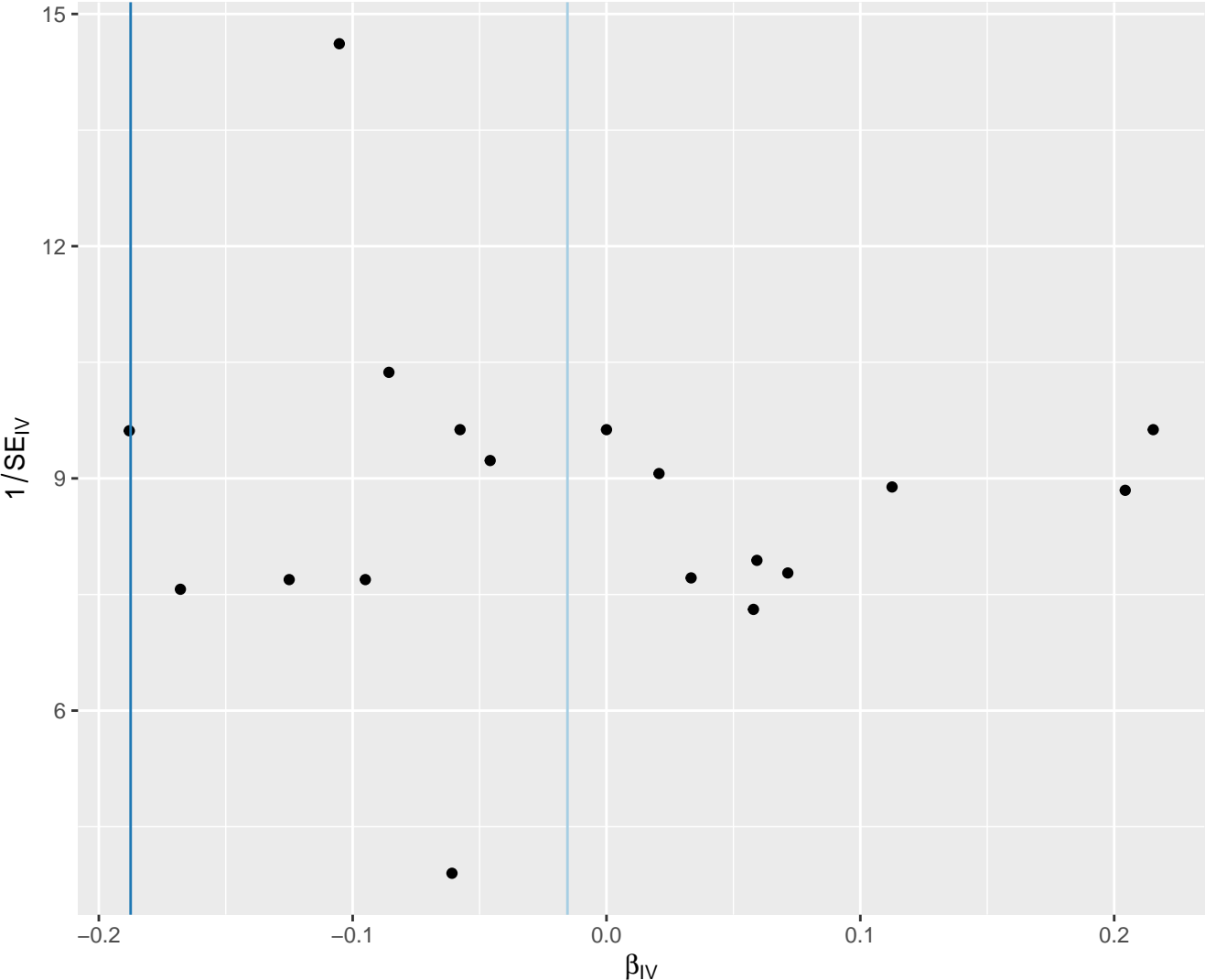
X-12544

MR Method



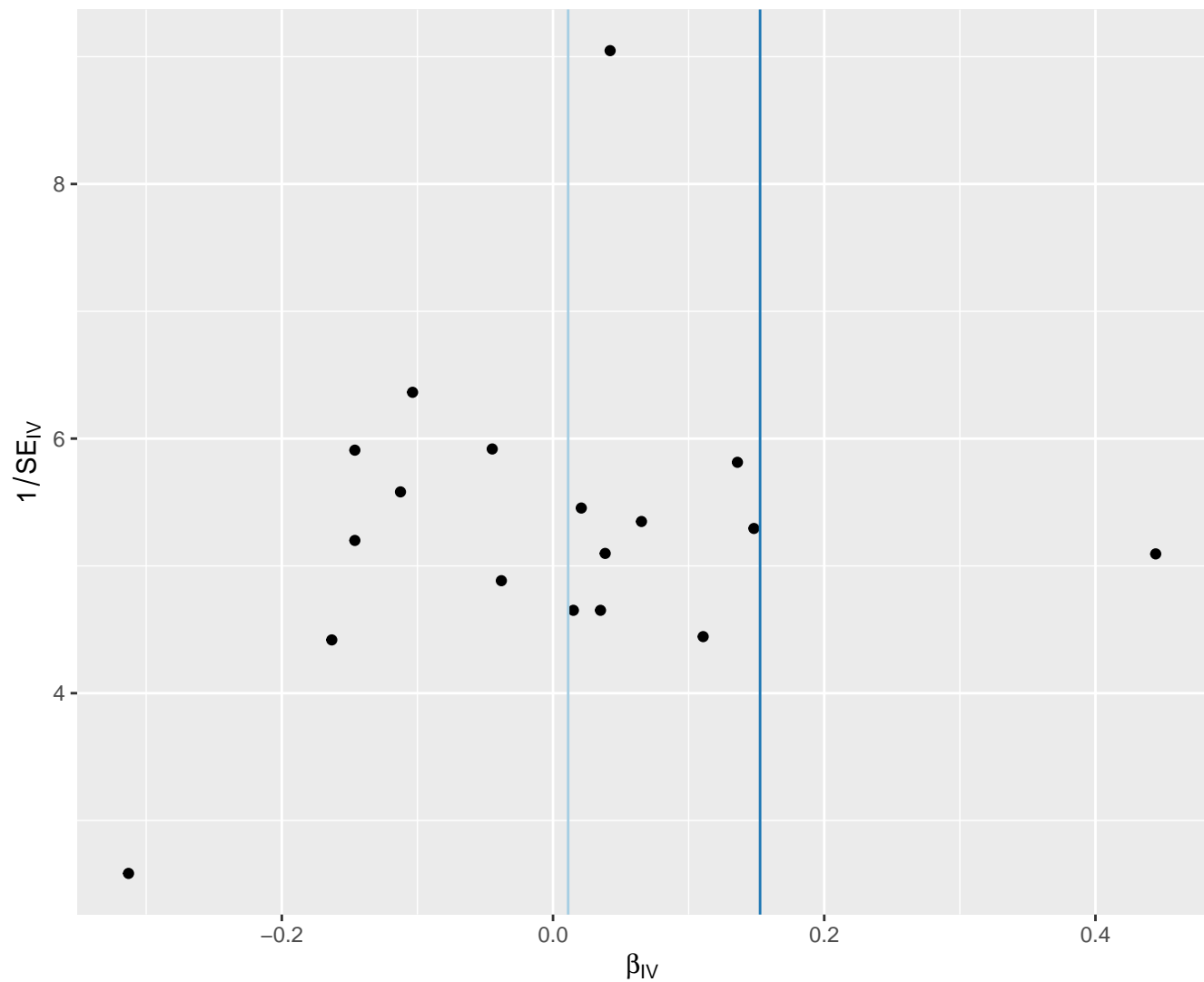
X-12556

MR Method



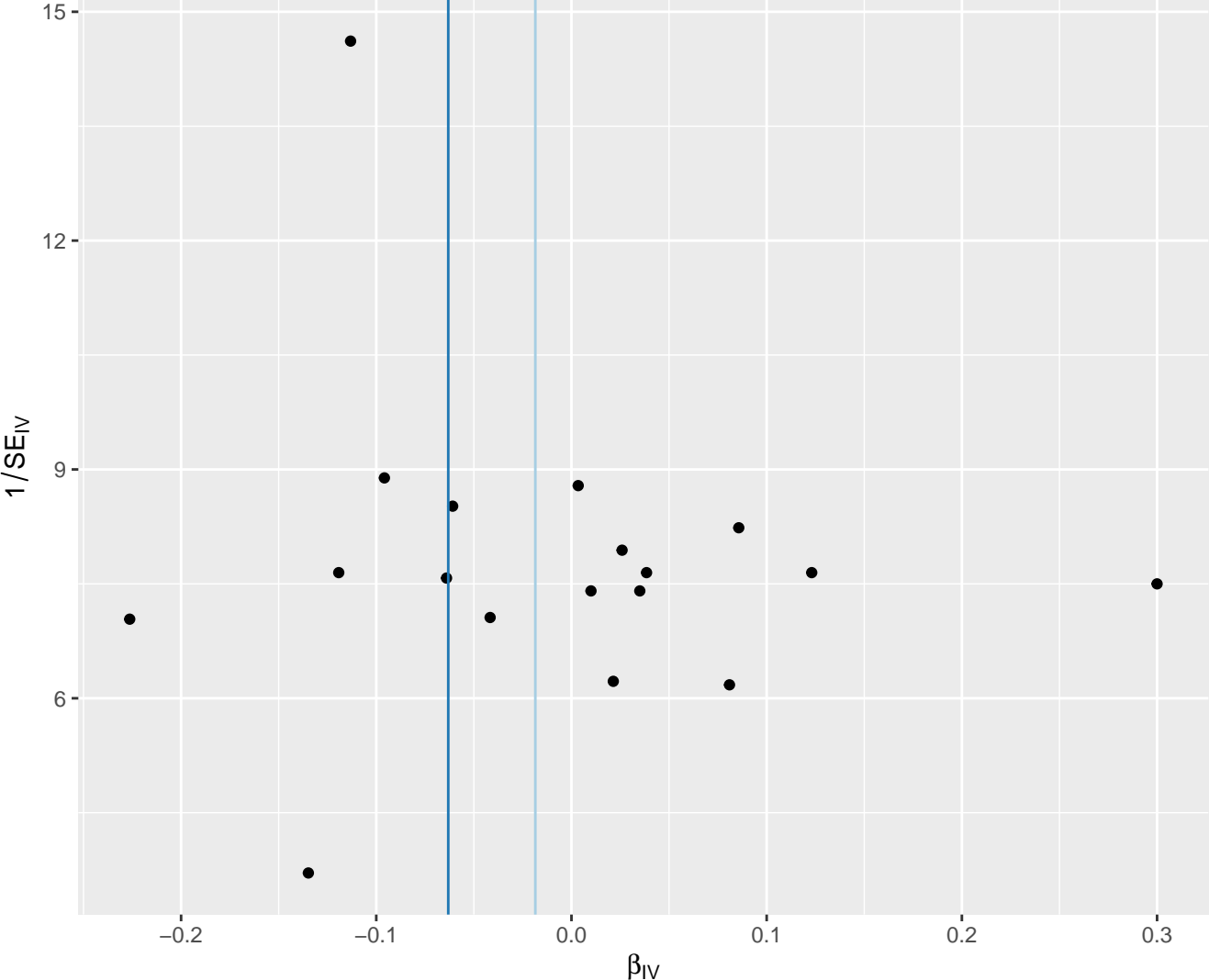
X-12627

MR Method



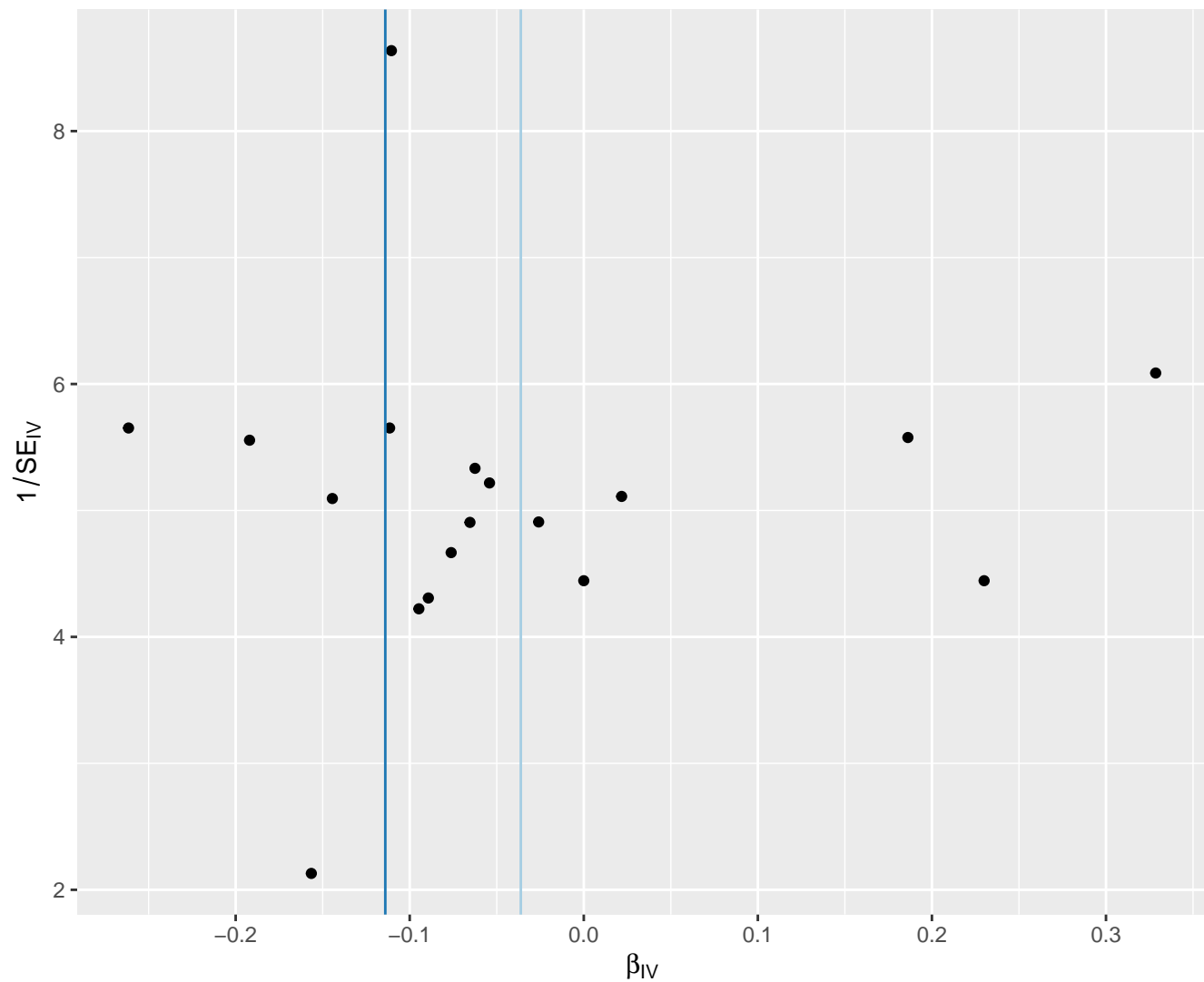
X-12644

MR Method



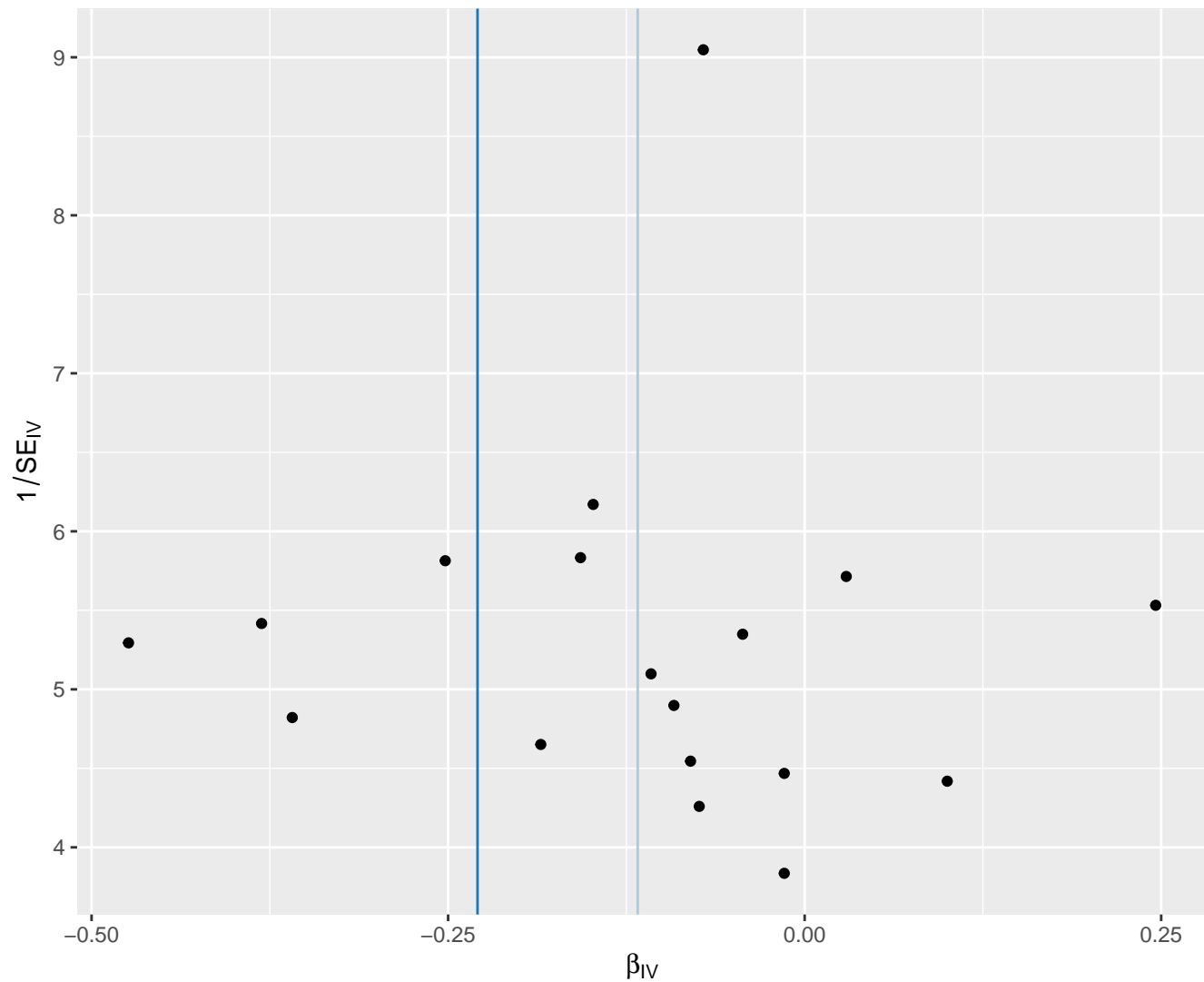
X-12645

MR Method



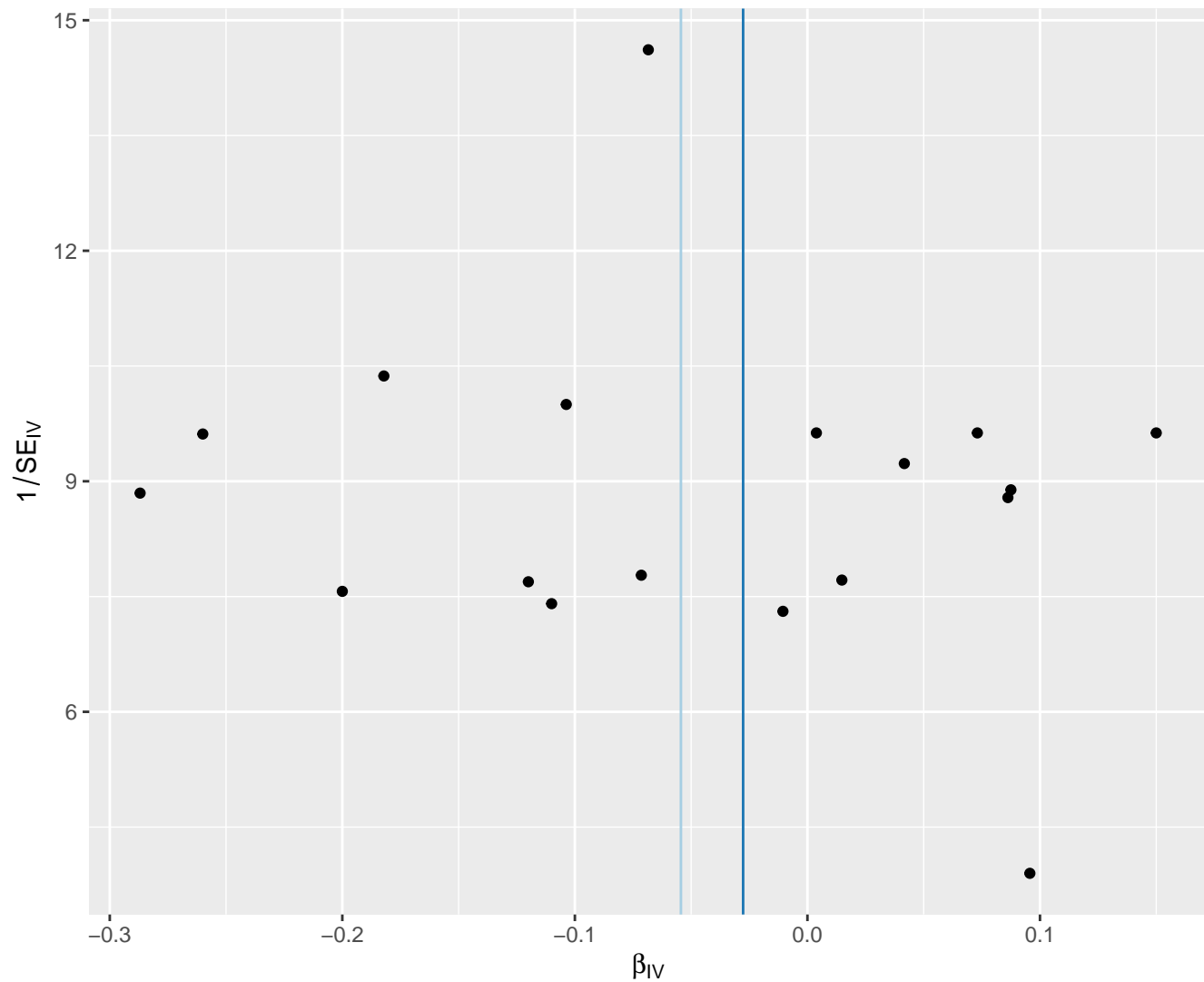
X-12680

MR Method



X-12696

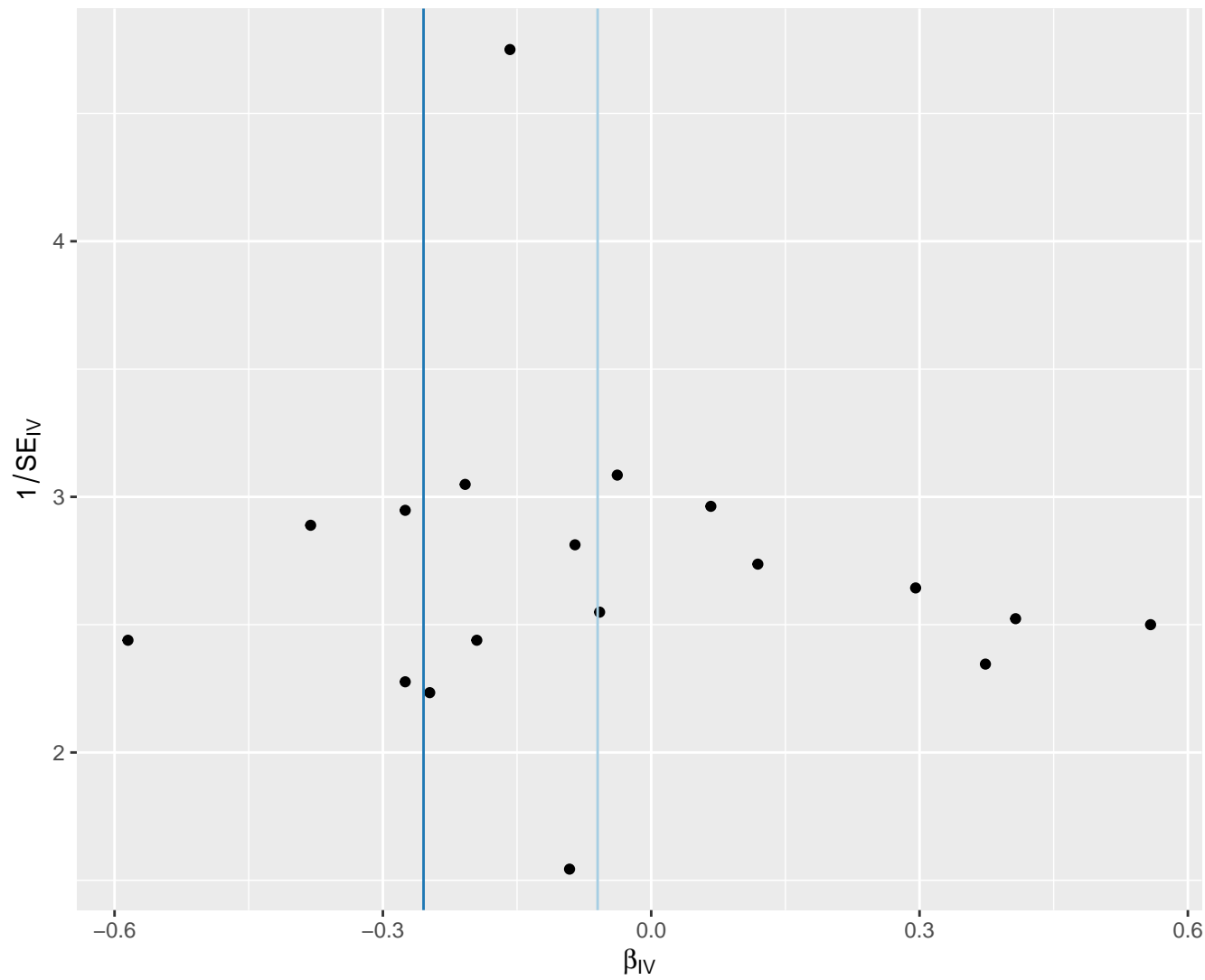
MR Method





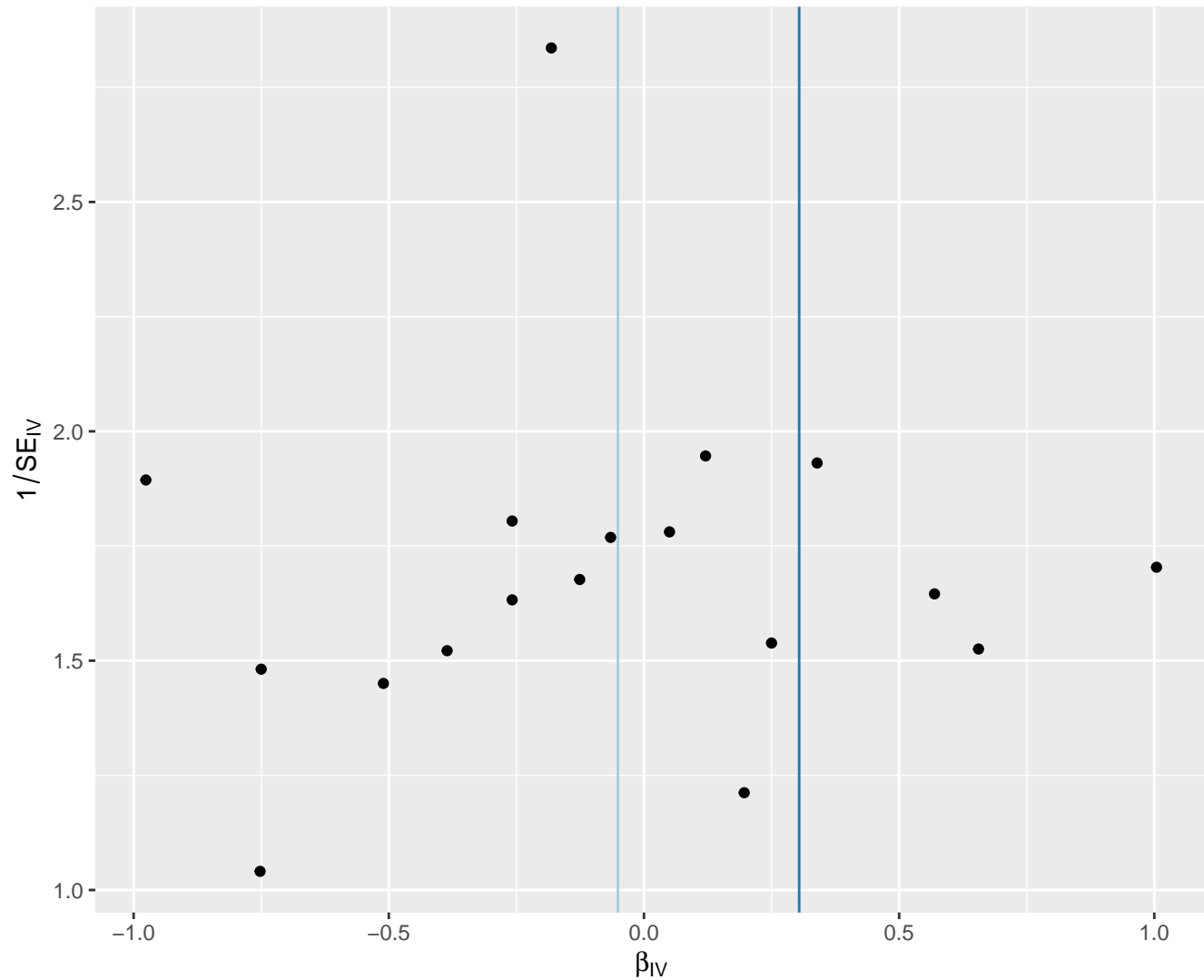
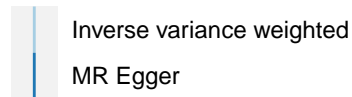
X-12704

MR Method



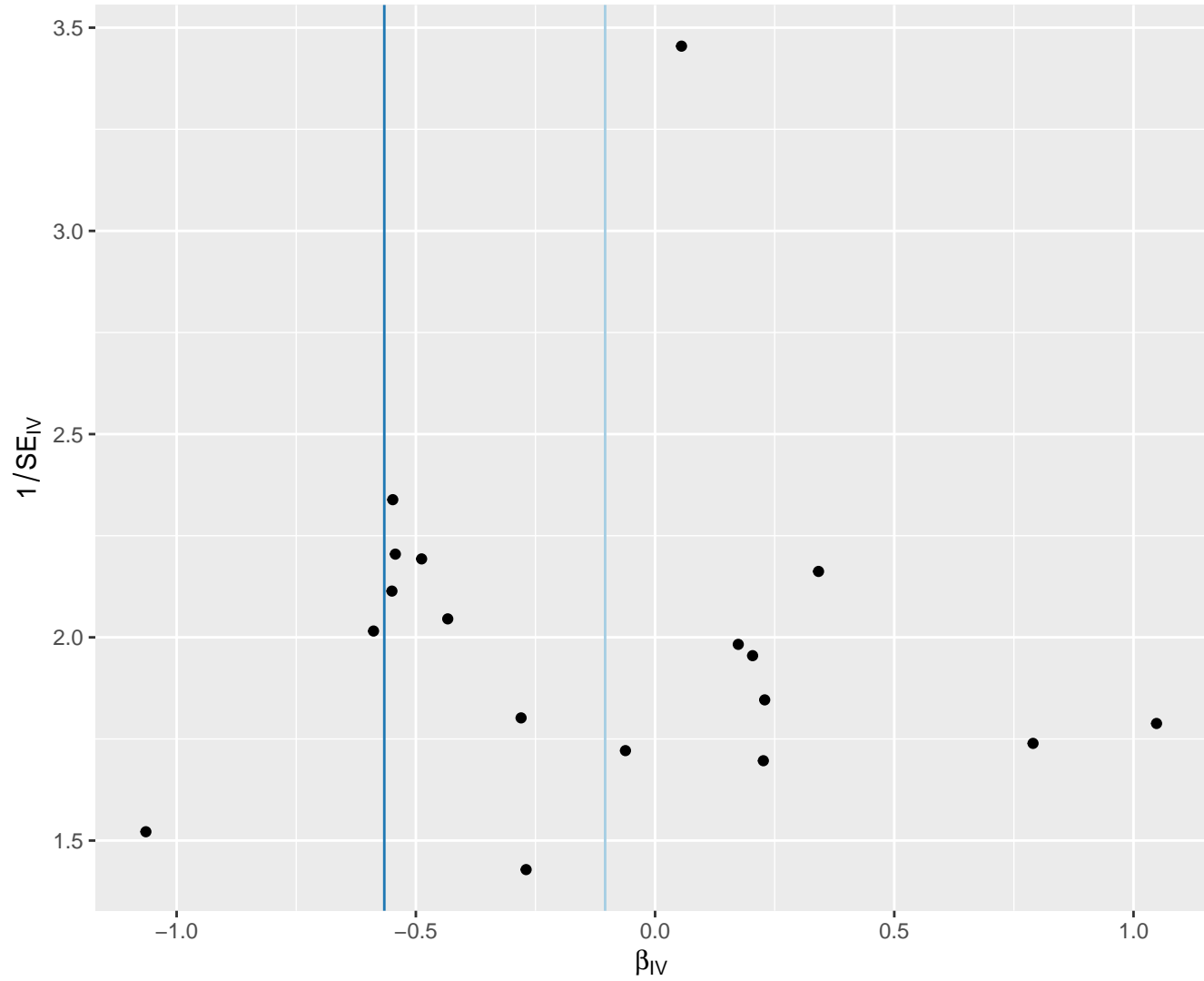
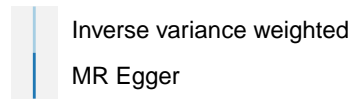
X-12712

MR Method



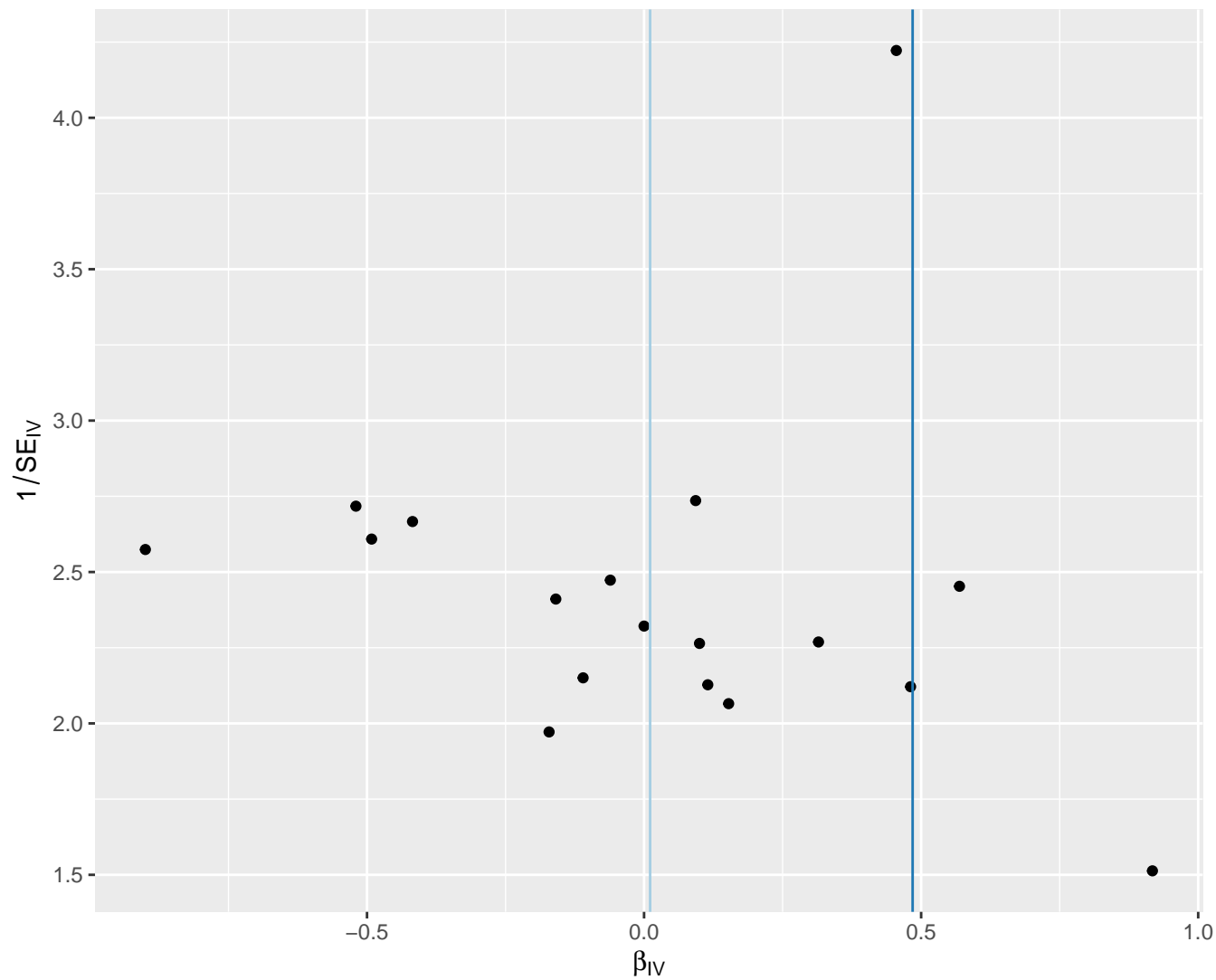
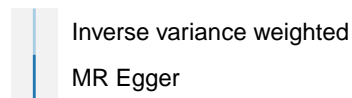
X-12717

MR Method



X-12719

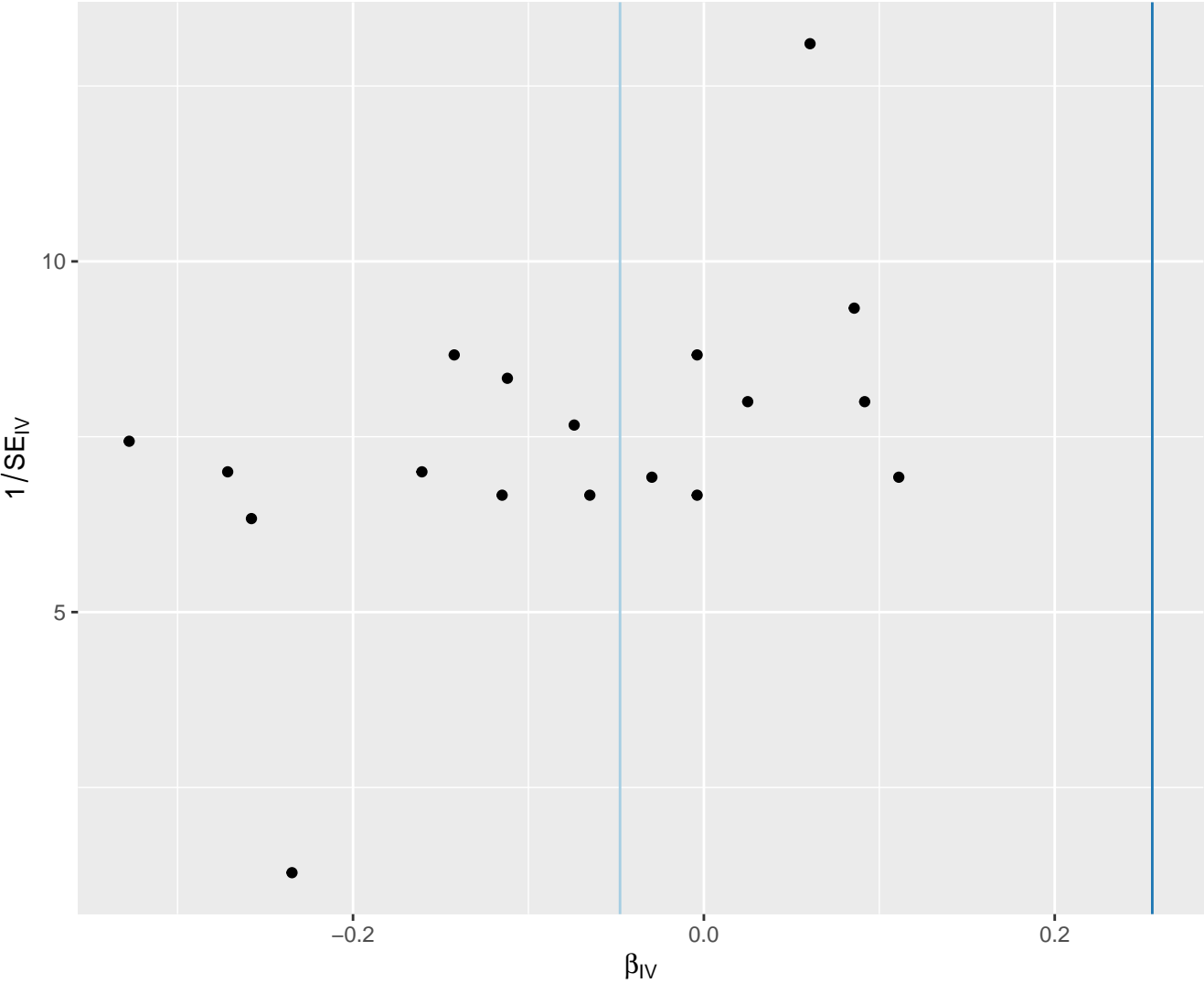
MR Method



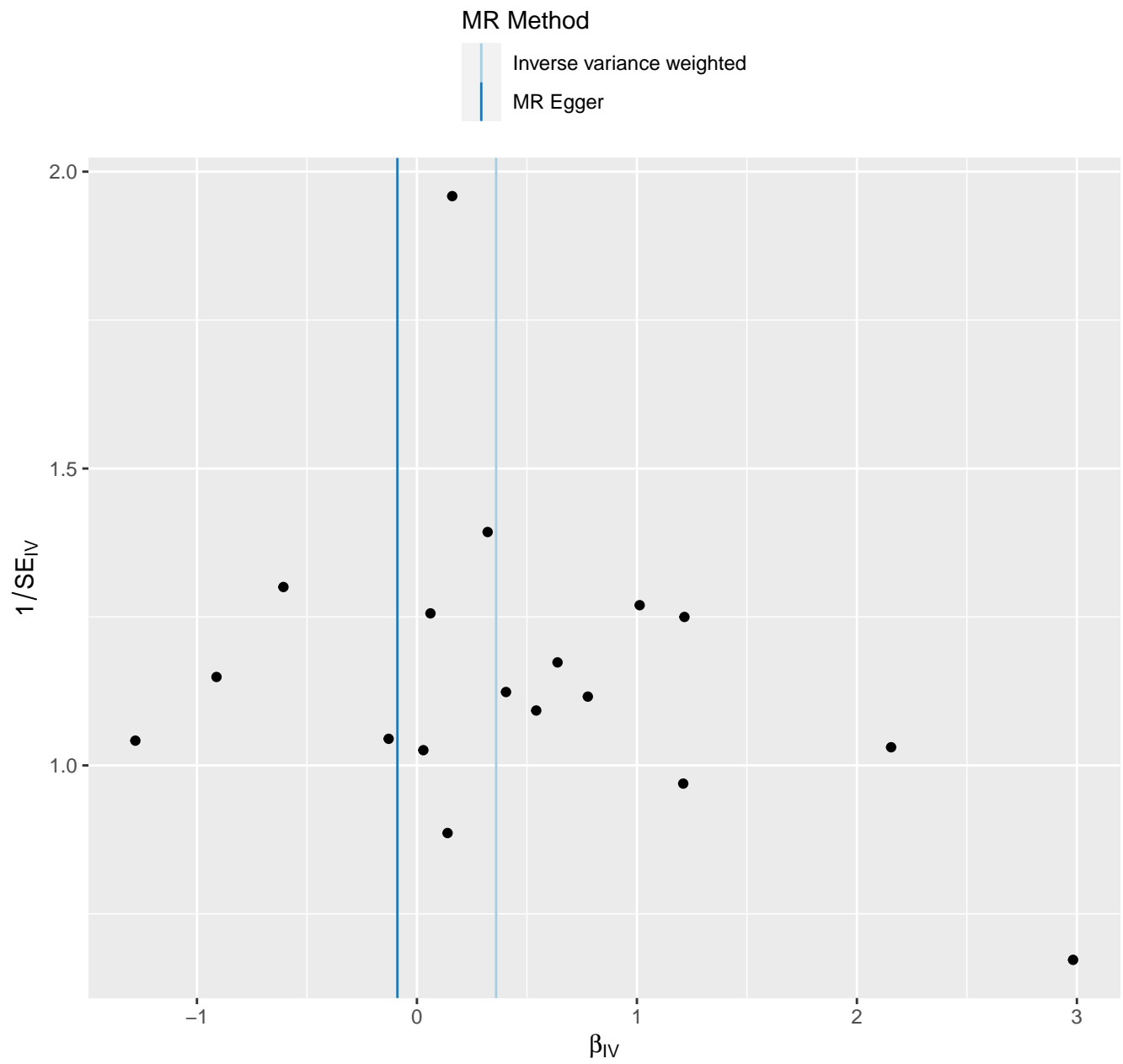
X-12726

MR Method

- Inverse variance weighted
- MR Egger

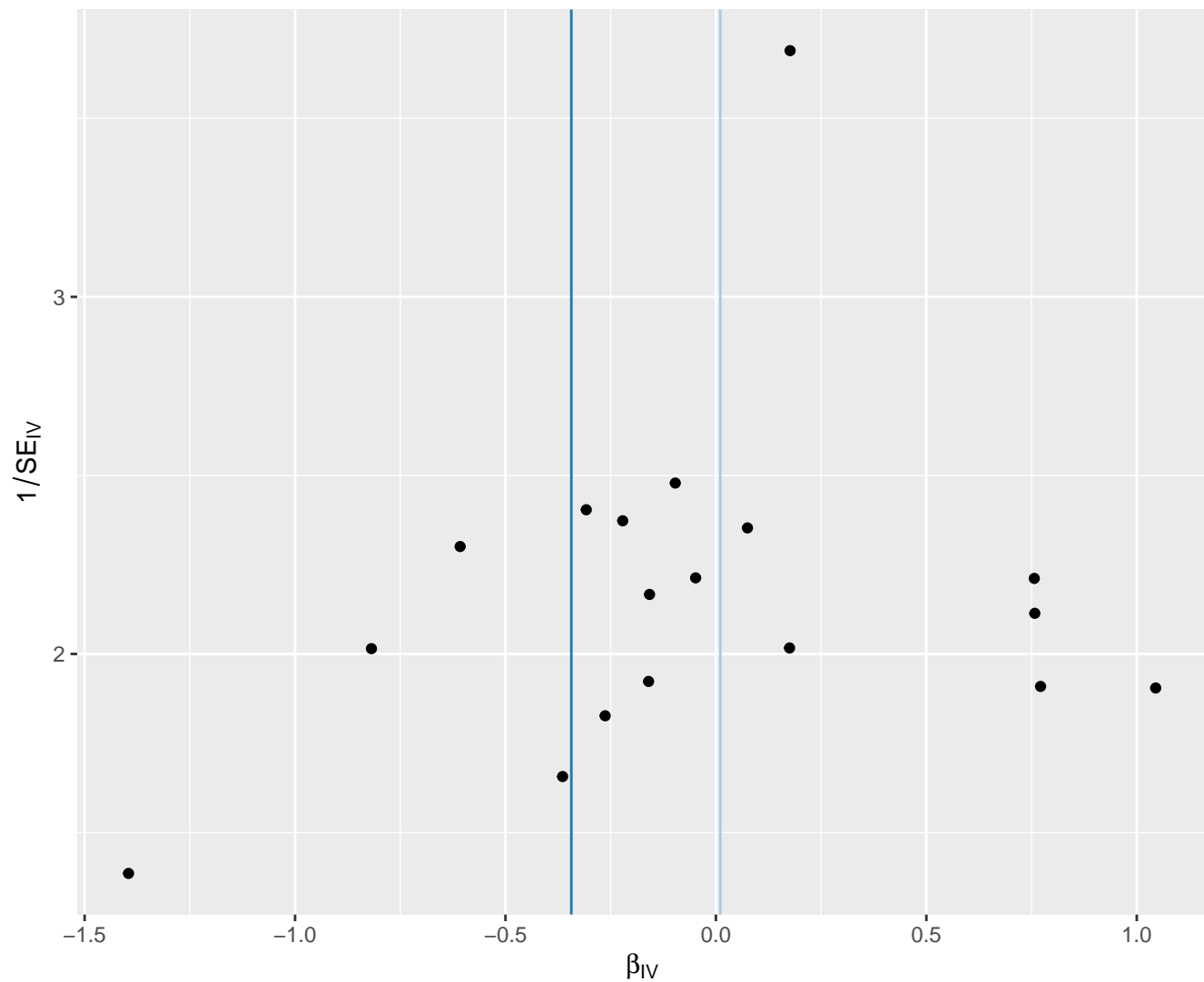


X-12728



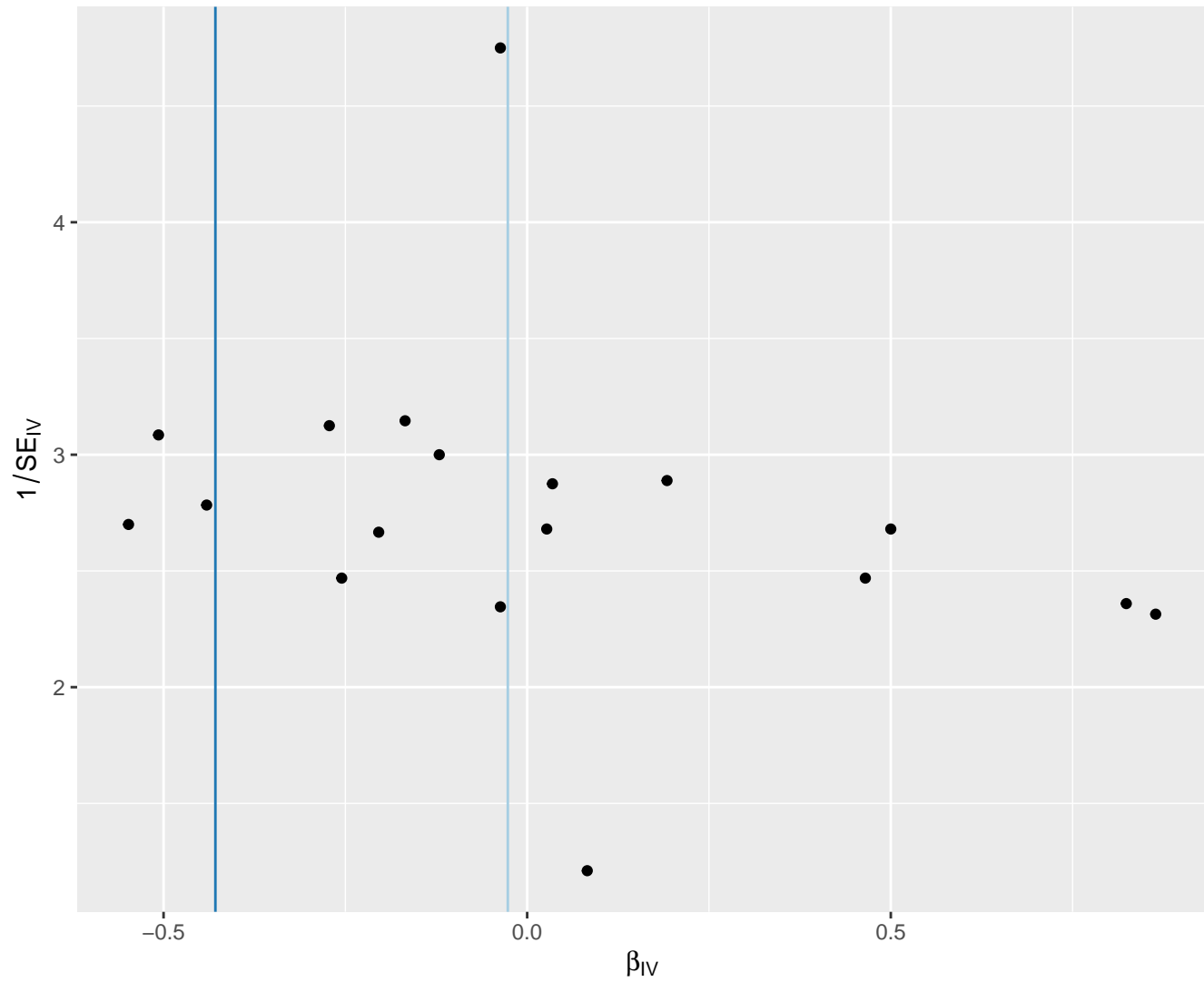
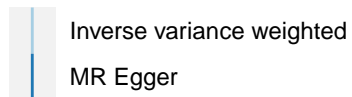
X-12729

MR Method



X-12734

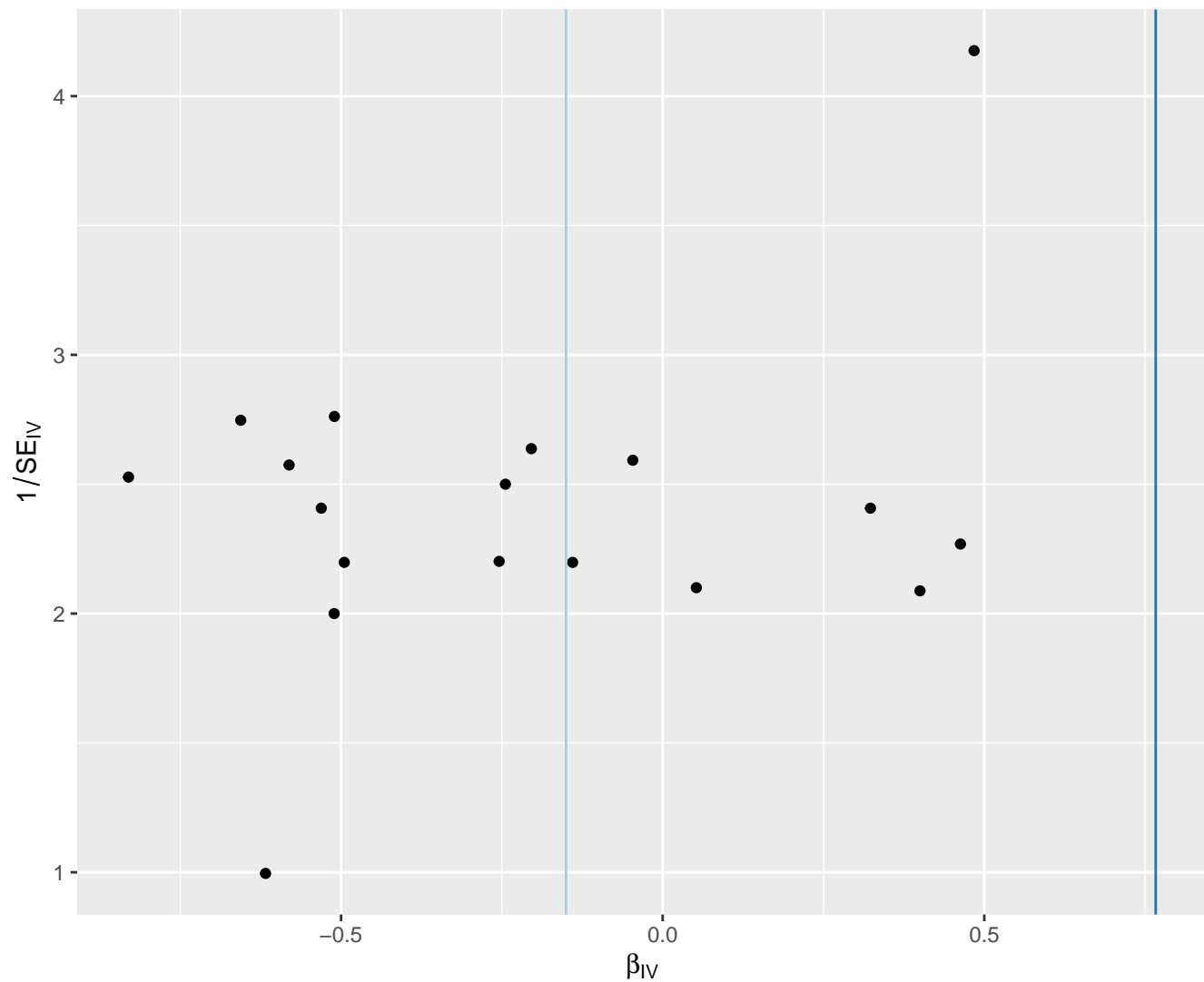
MR Method





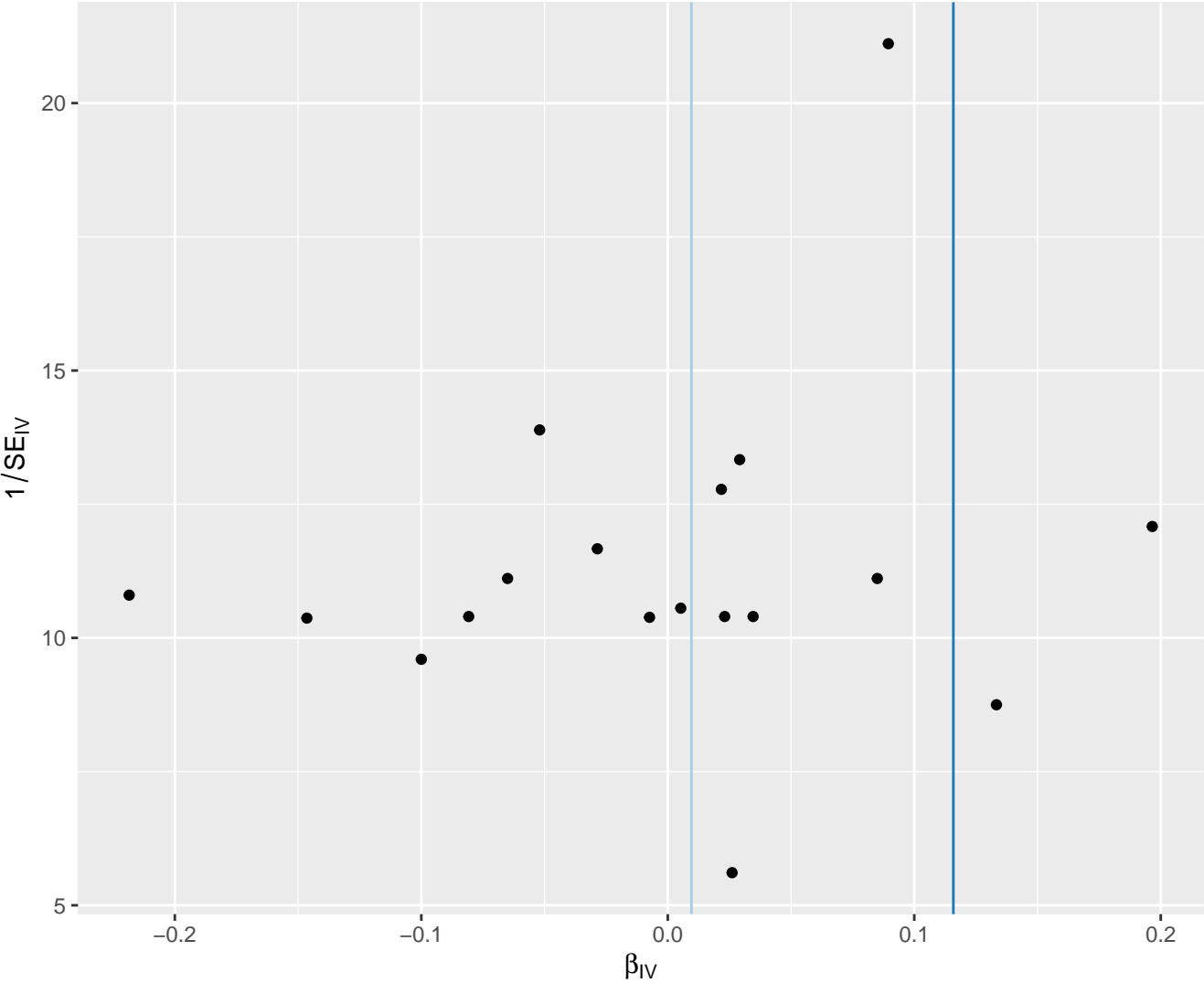
X-12740

MR Method



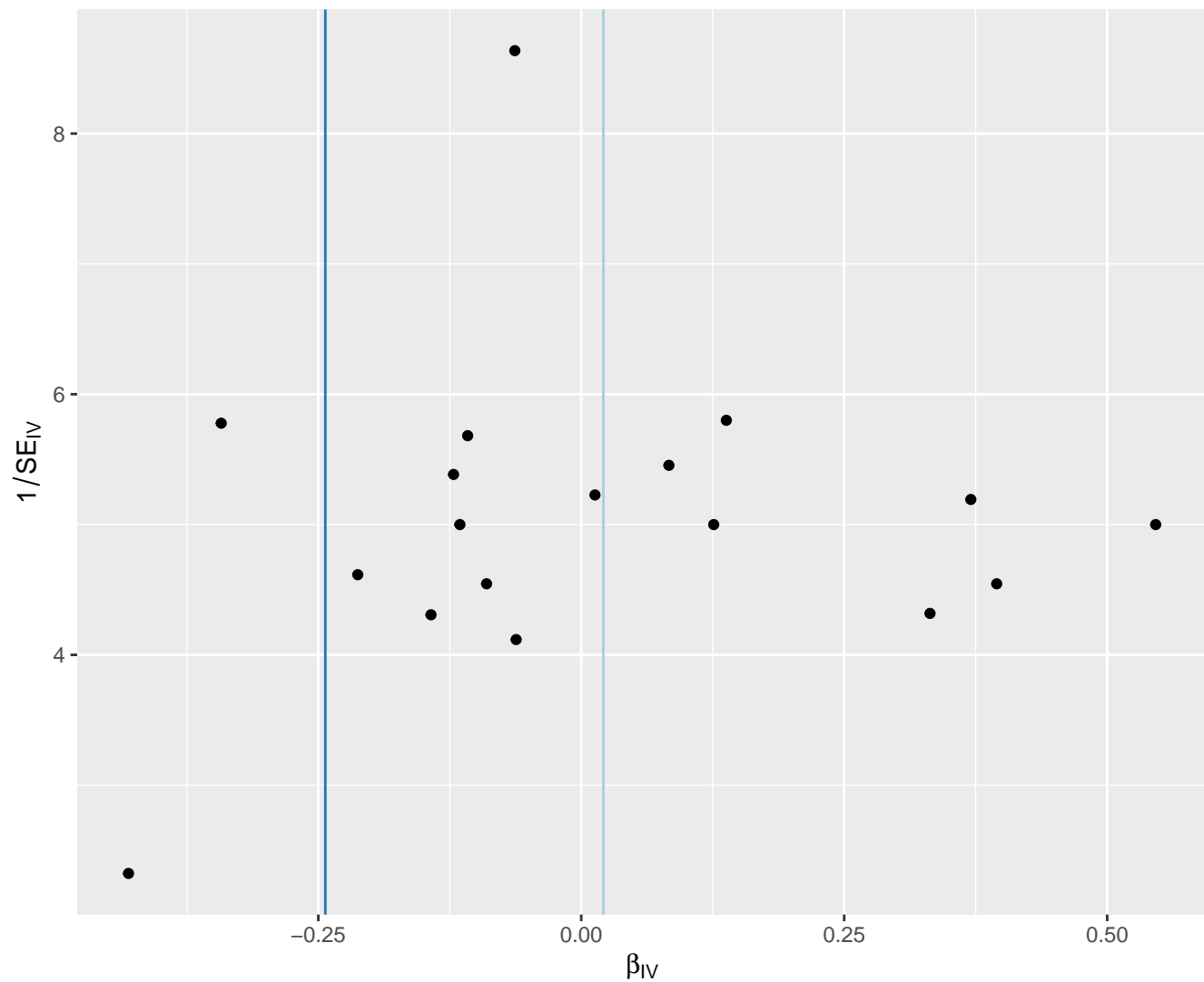
X-12749

MR Method



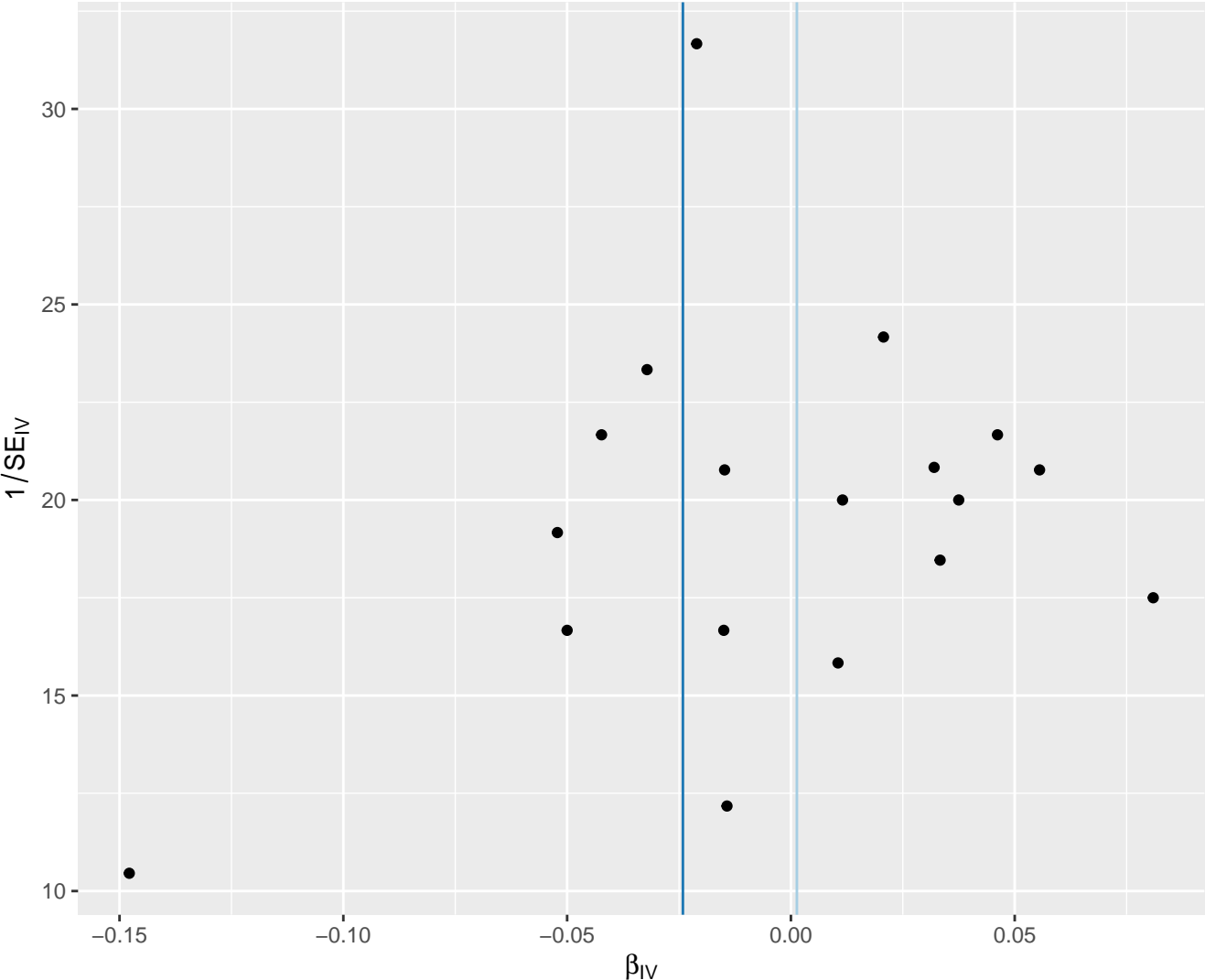
X-12771

MR Method



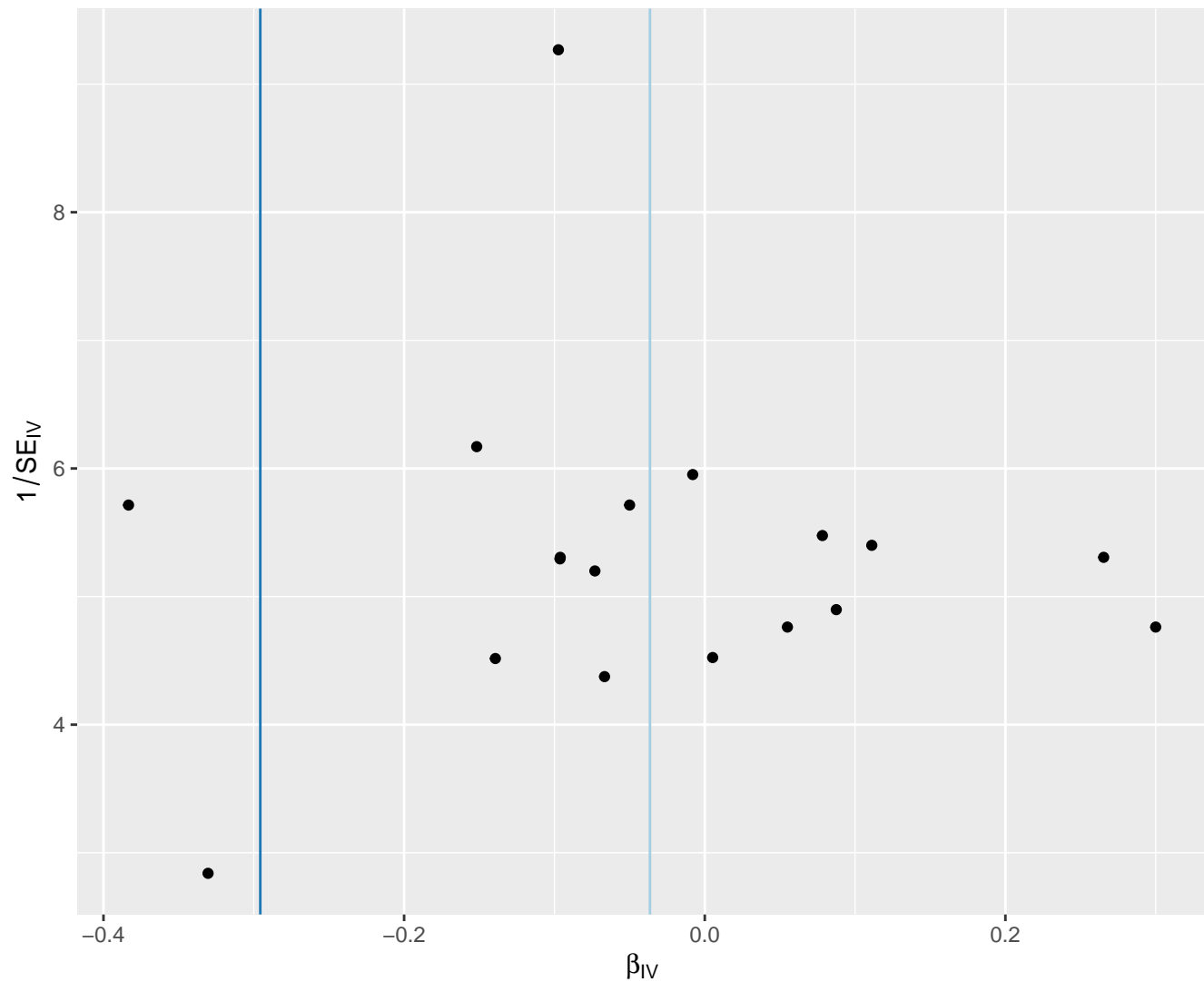
X-12776

MR Method



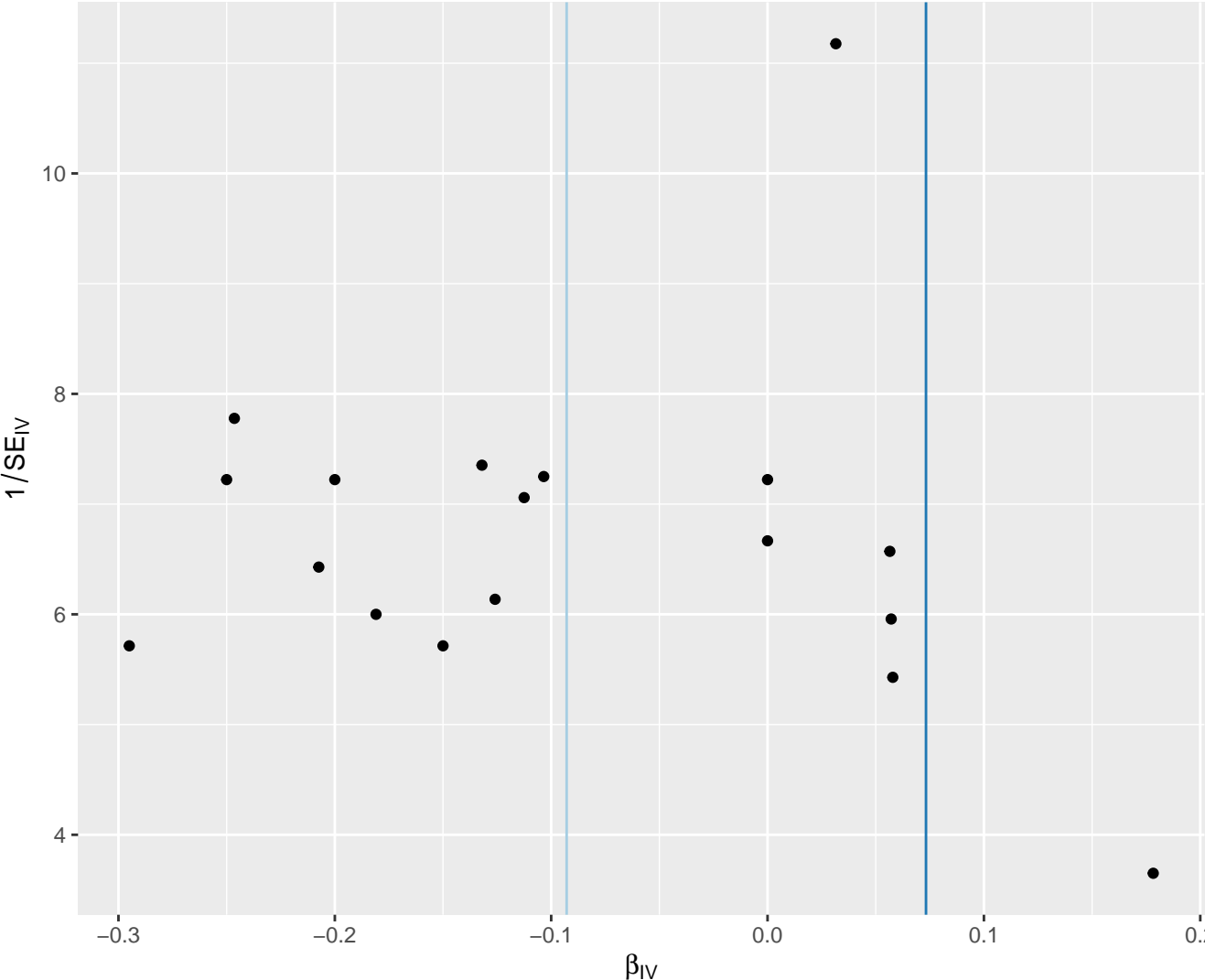
X-12786

MR Method



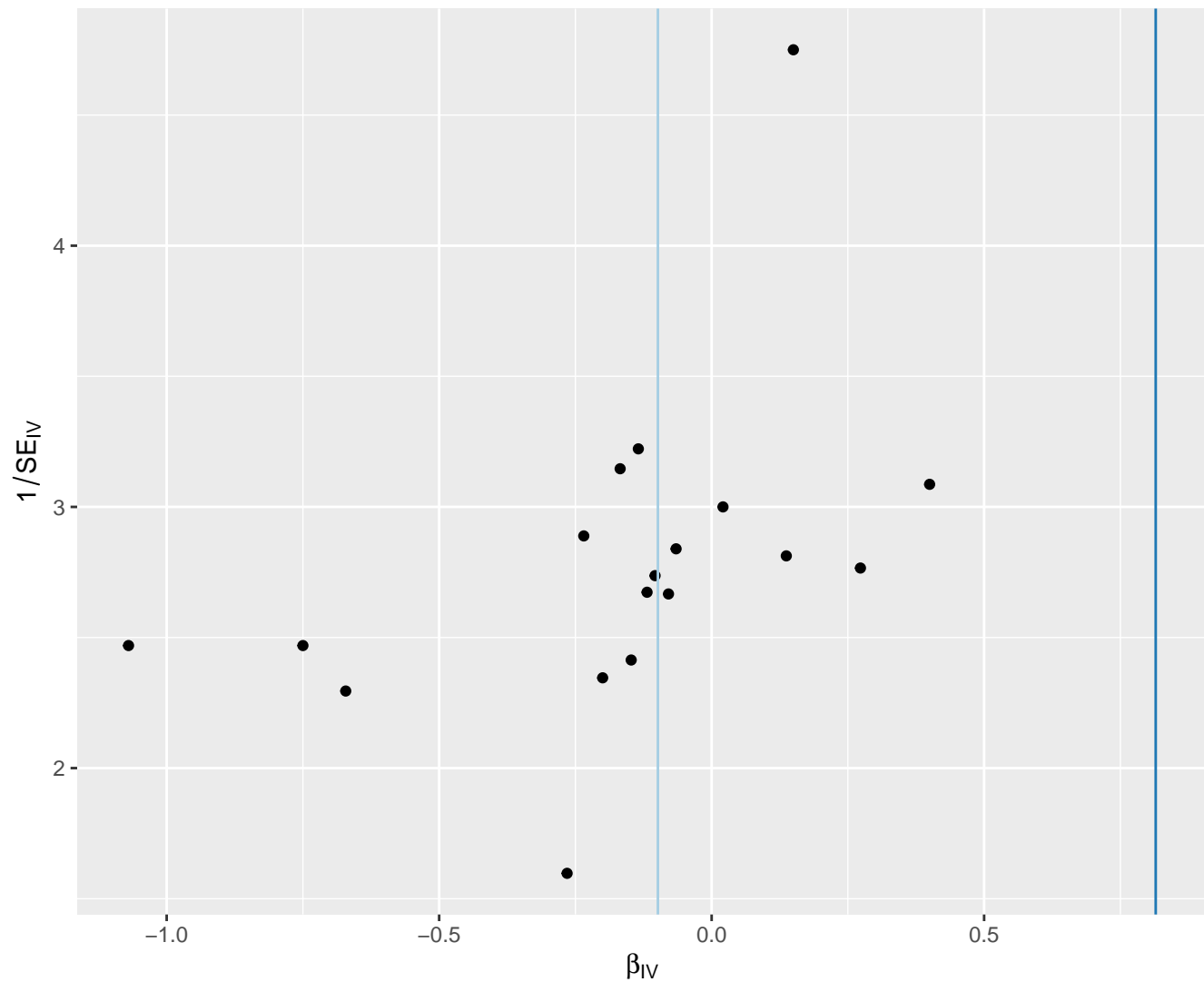
X-12798

MR Method



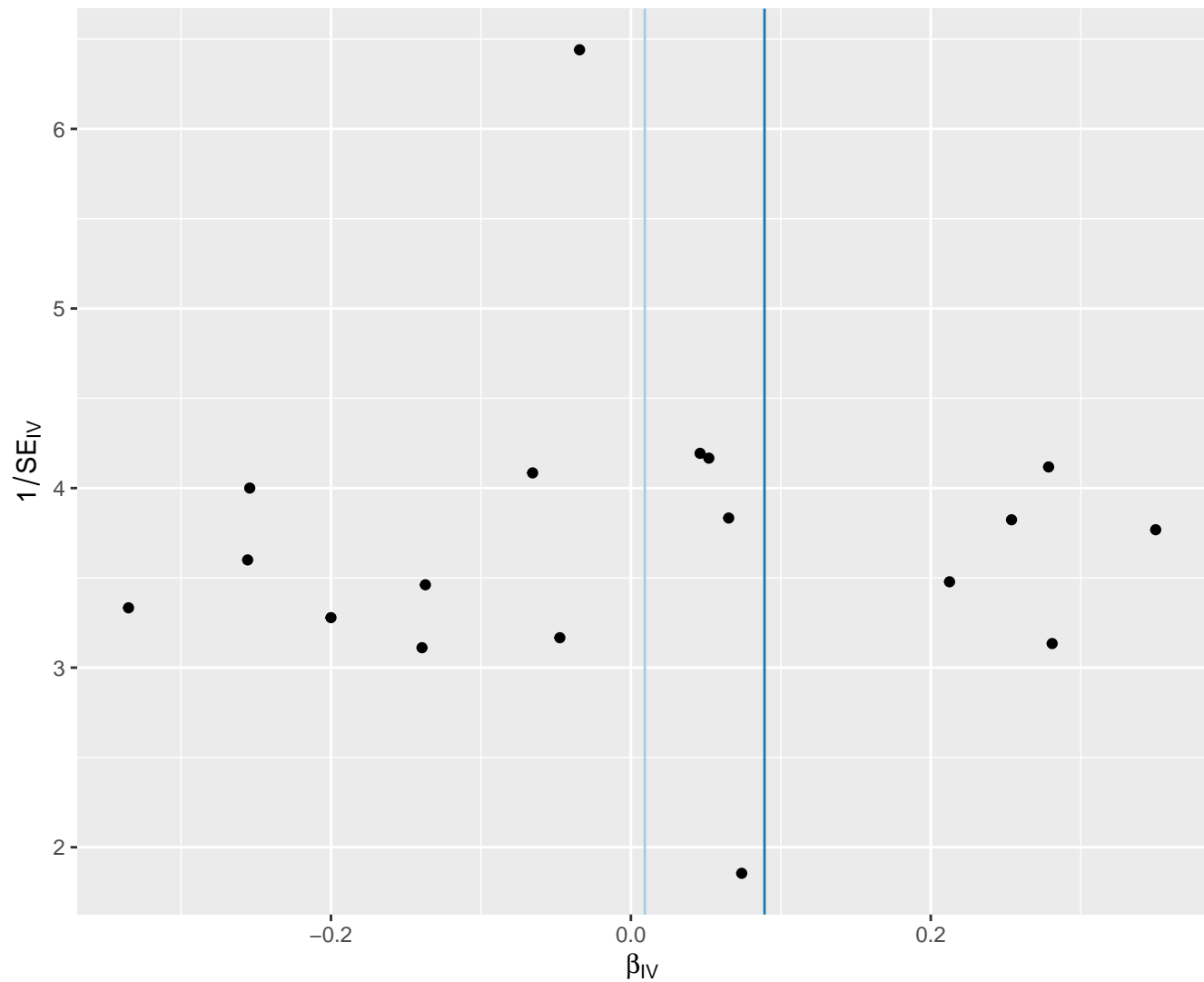
X-12816

MR Method



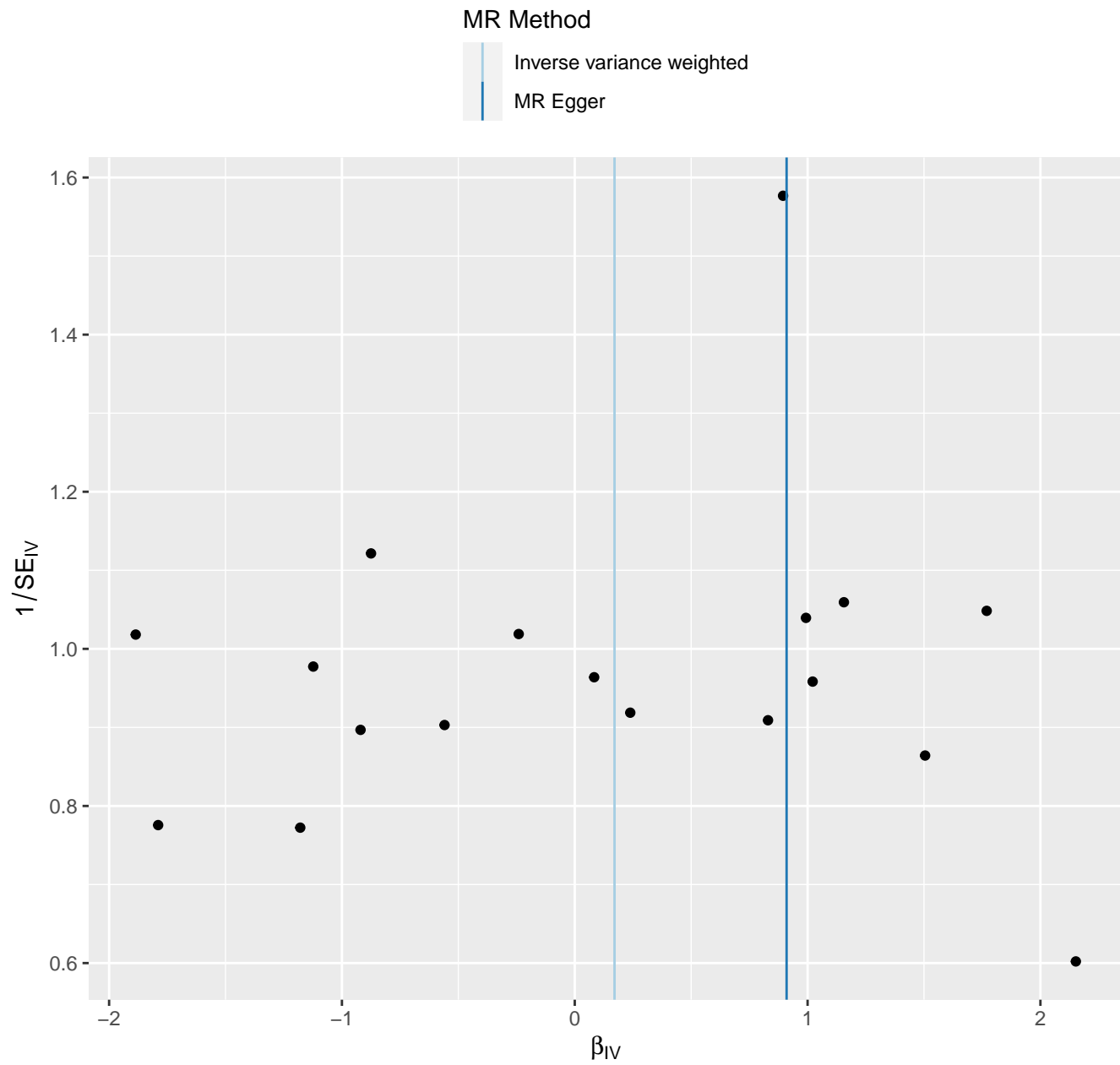
X-12830

MR Method



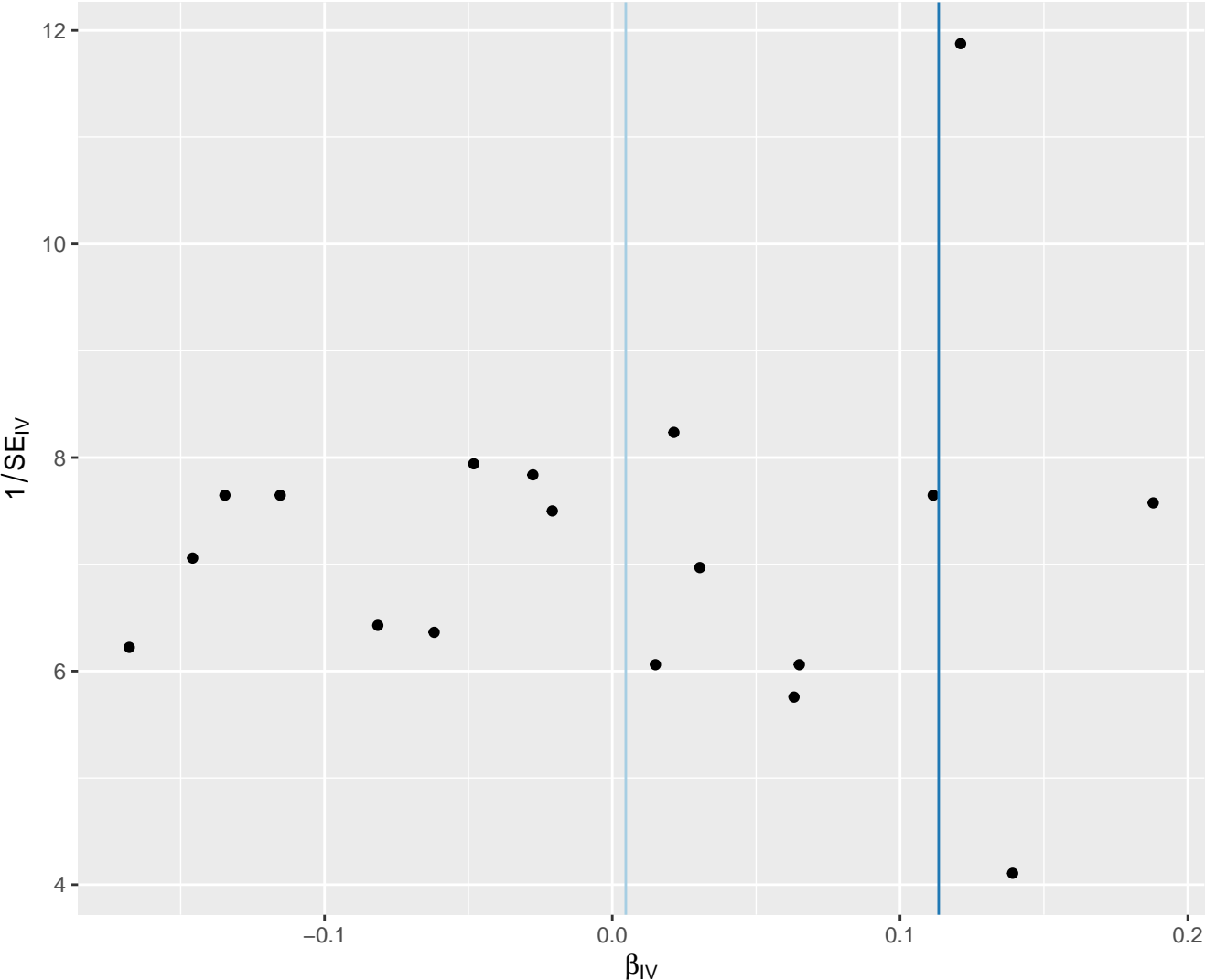


X-12833



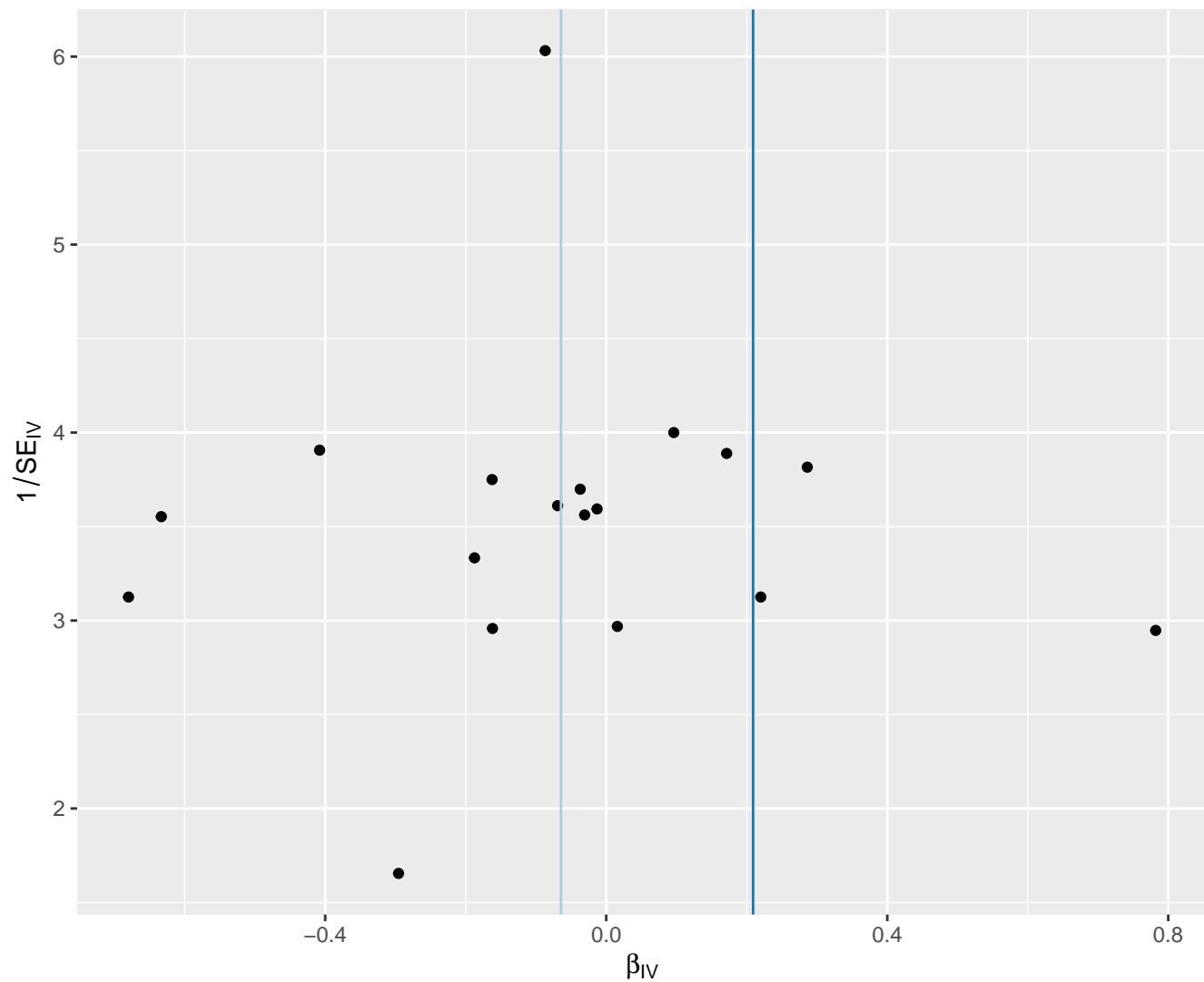
X-12844

MR Method



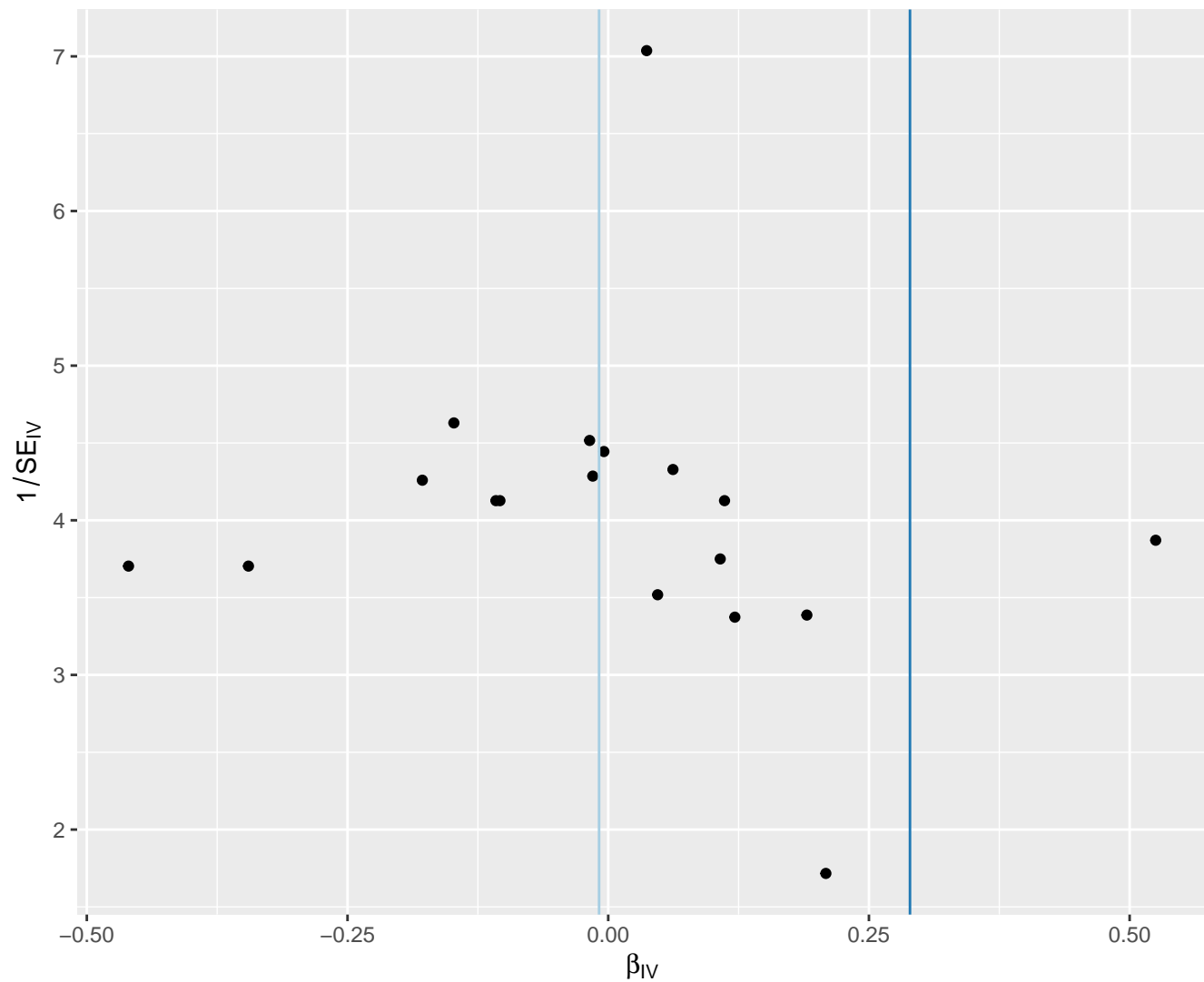
X-12847

MR Method



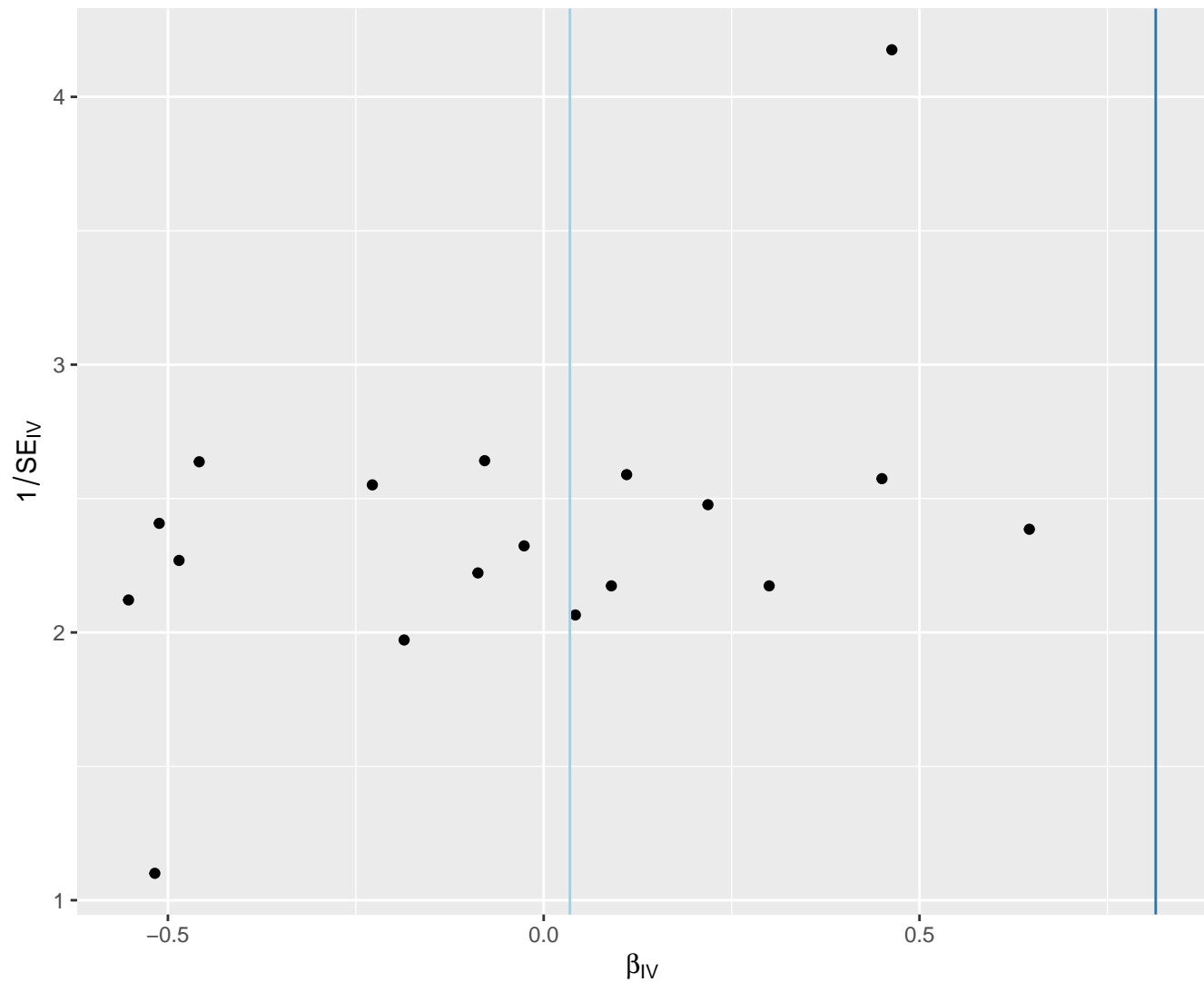
X-12850

MR Method



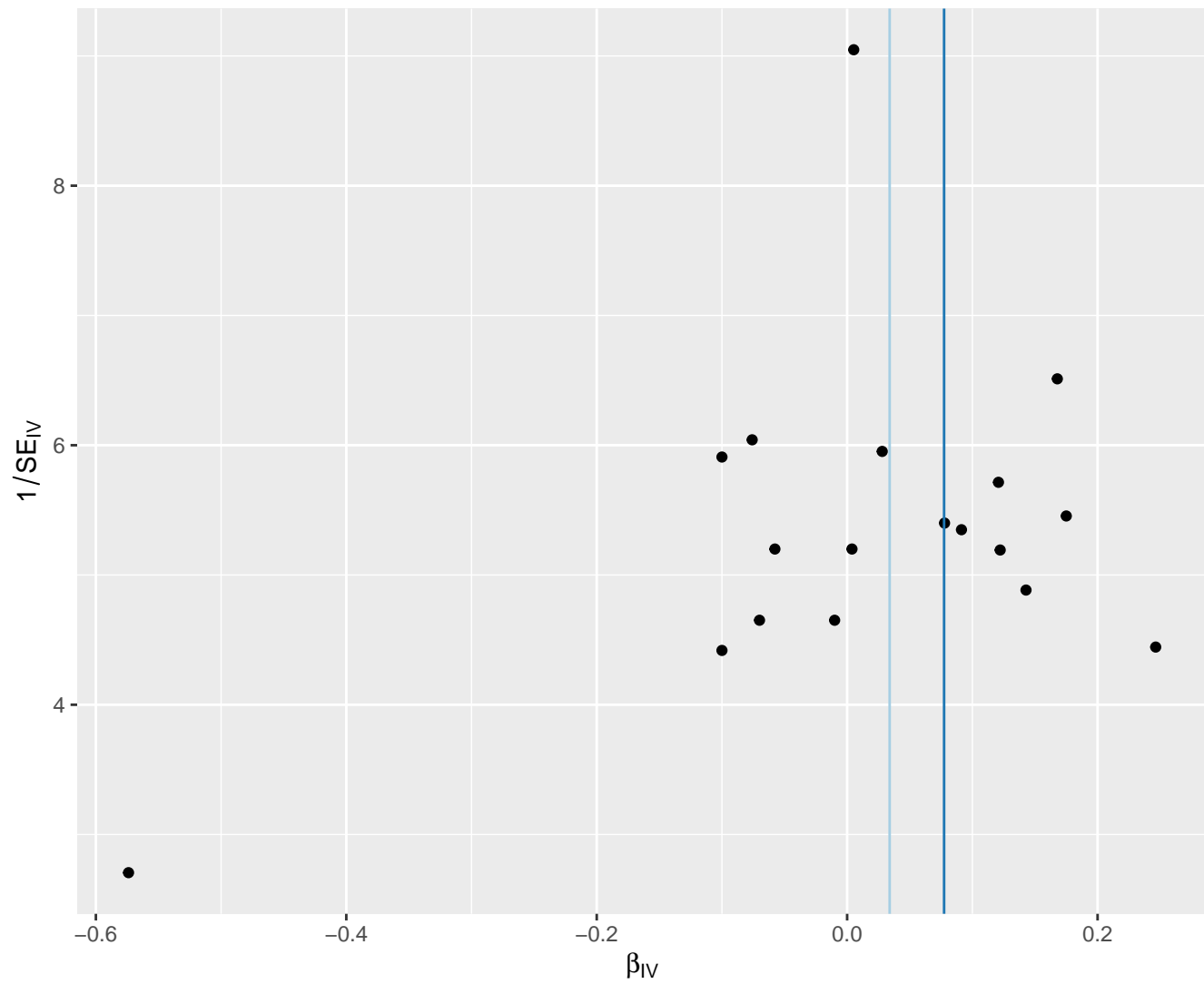
X-12851

MR Method



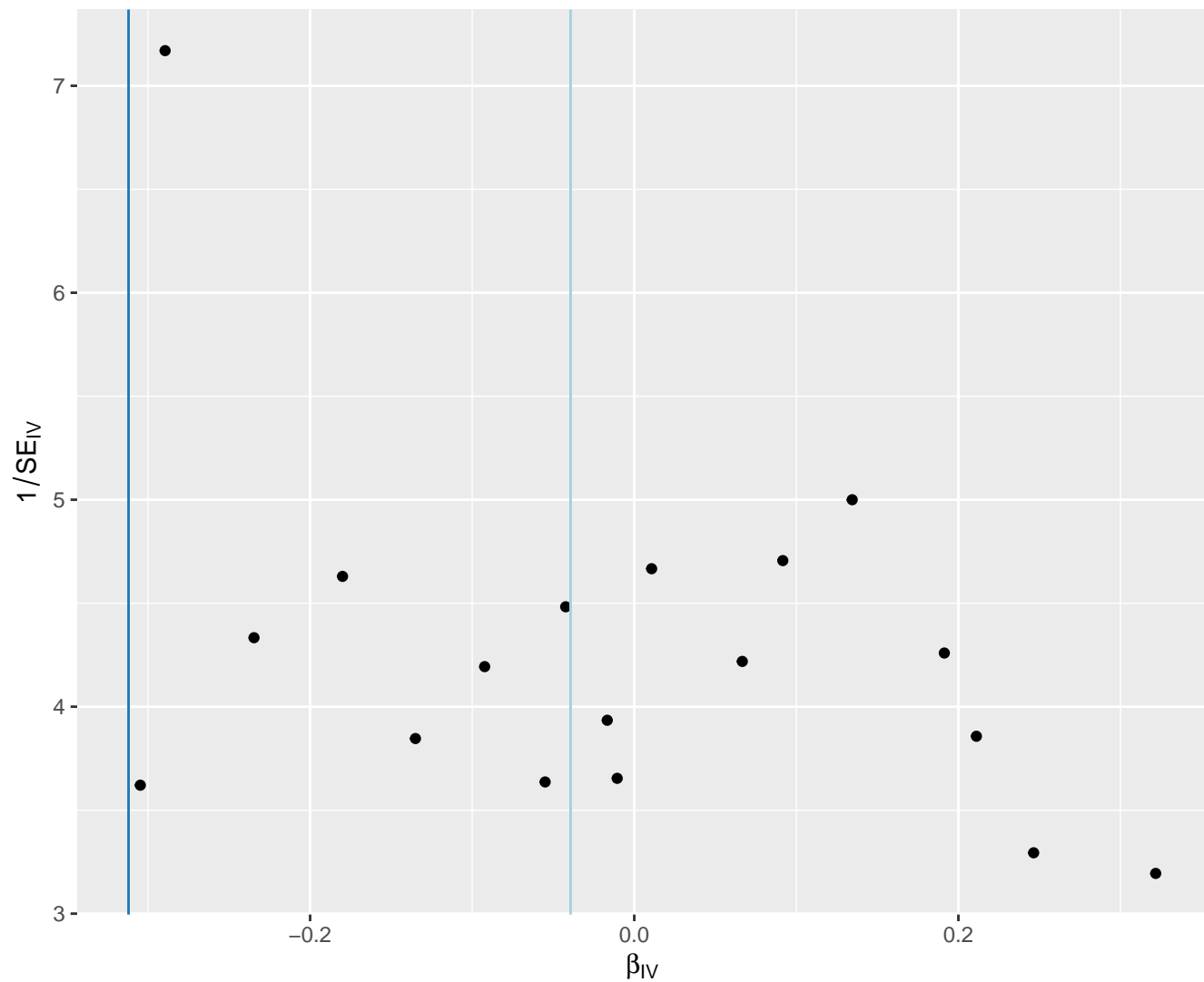
X-12855

MR Method



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

MR Method



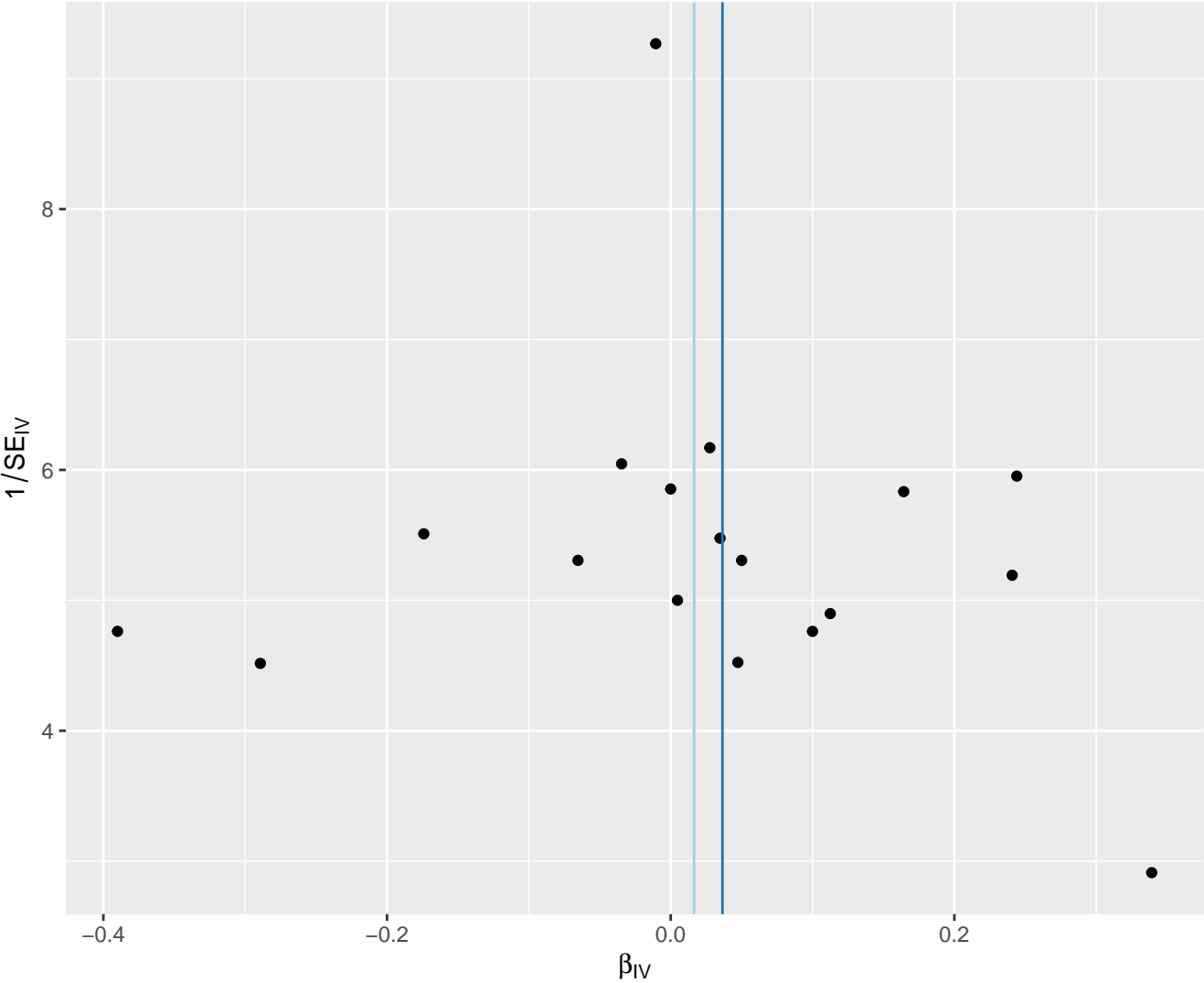
X-13069

MR Method



Inverse variance weighted

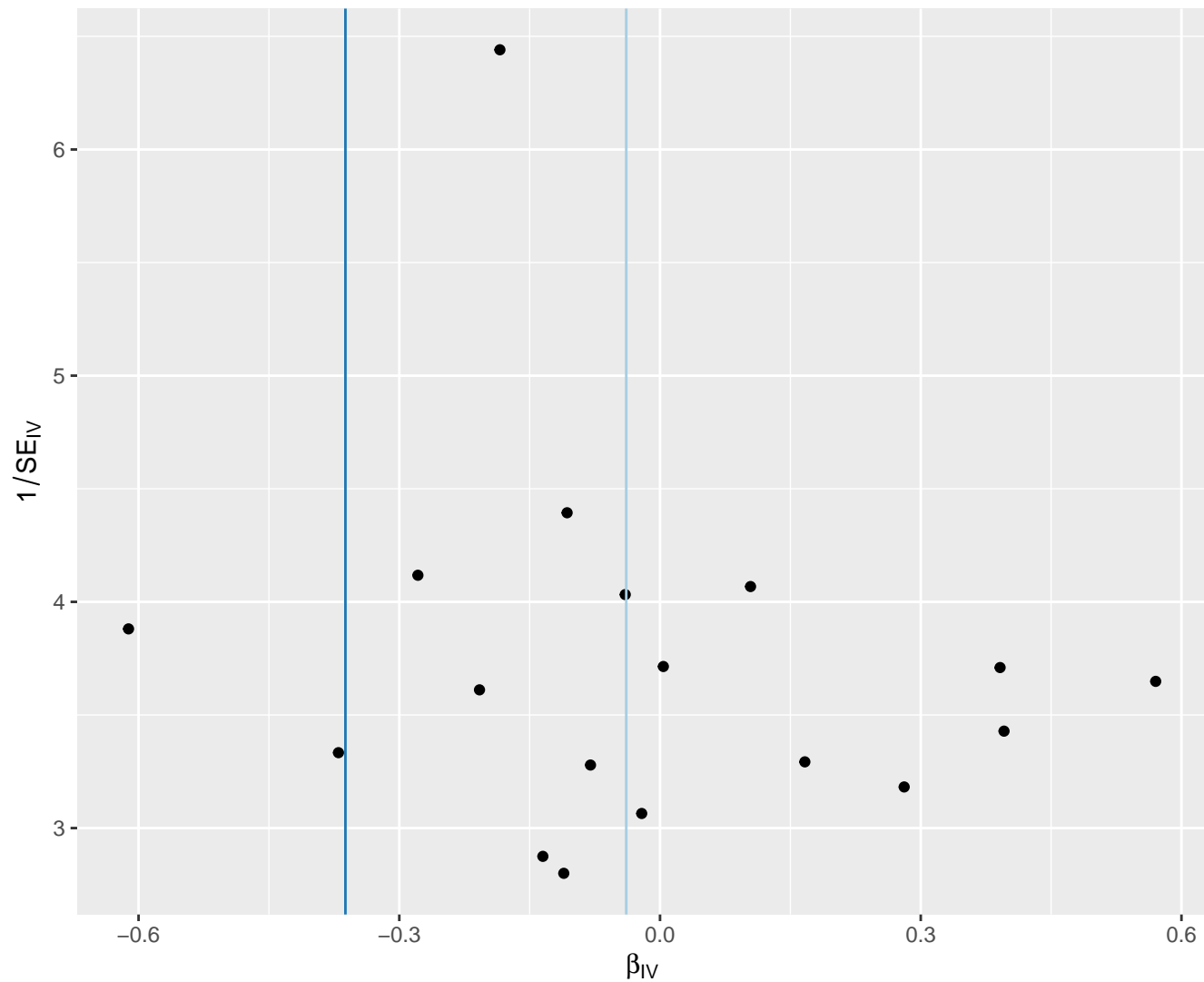
MR Egger





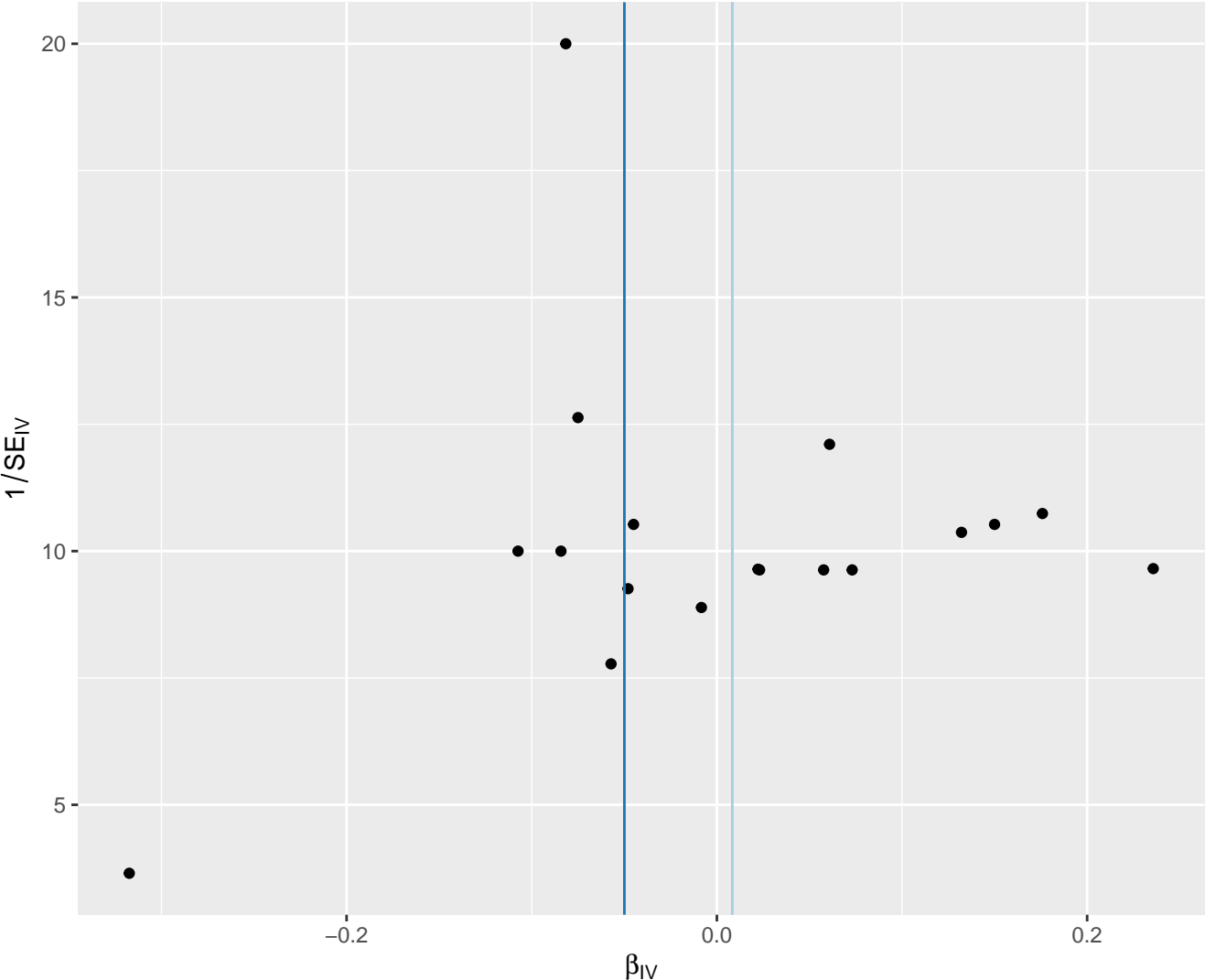
# X-13183--stearamide

MR Method



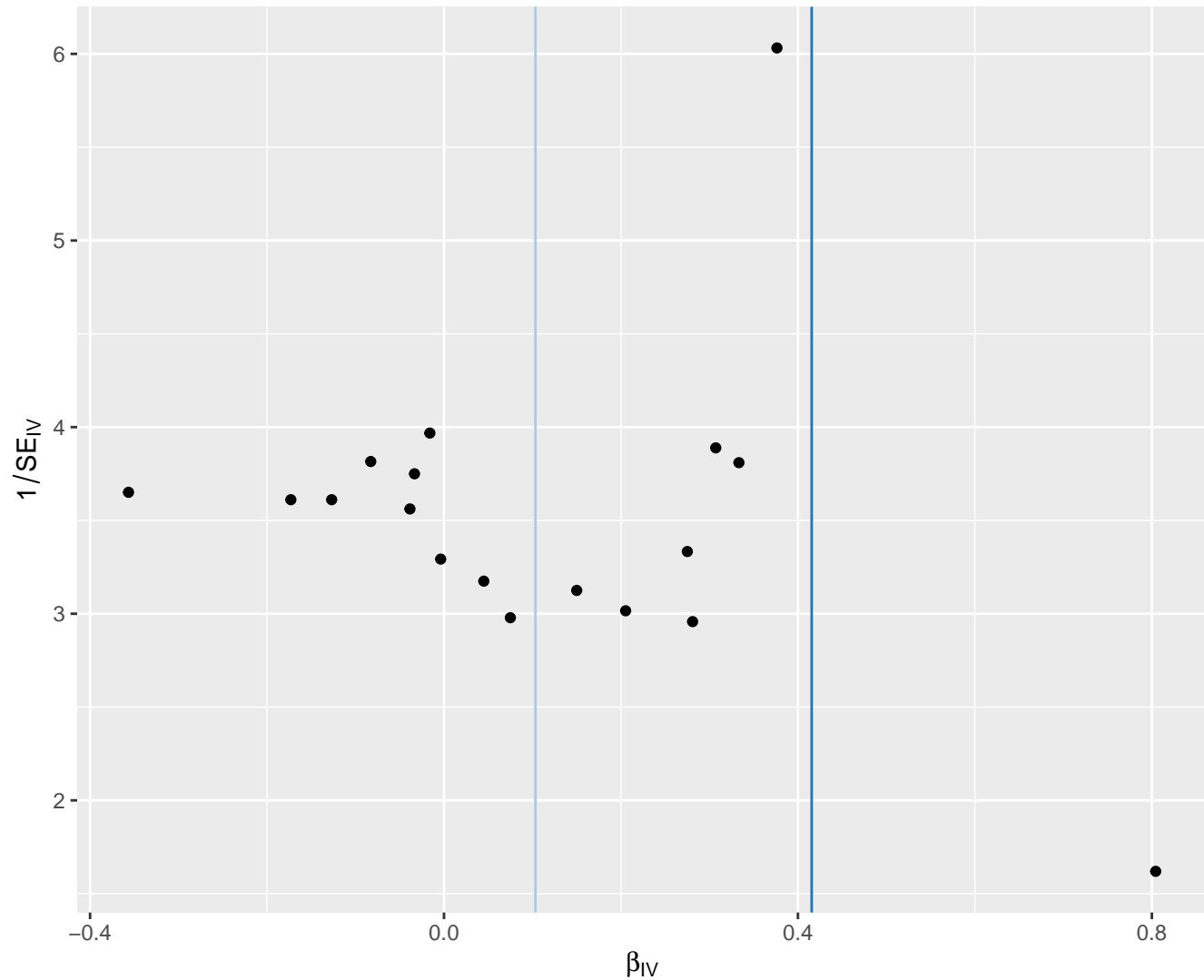
X-13215

MR Method



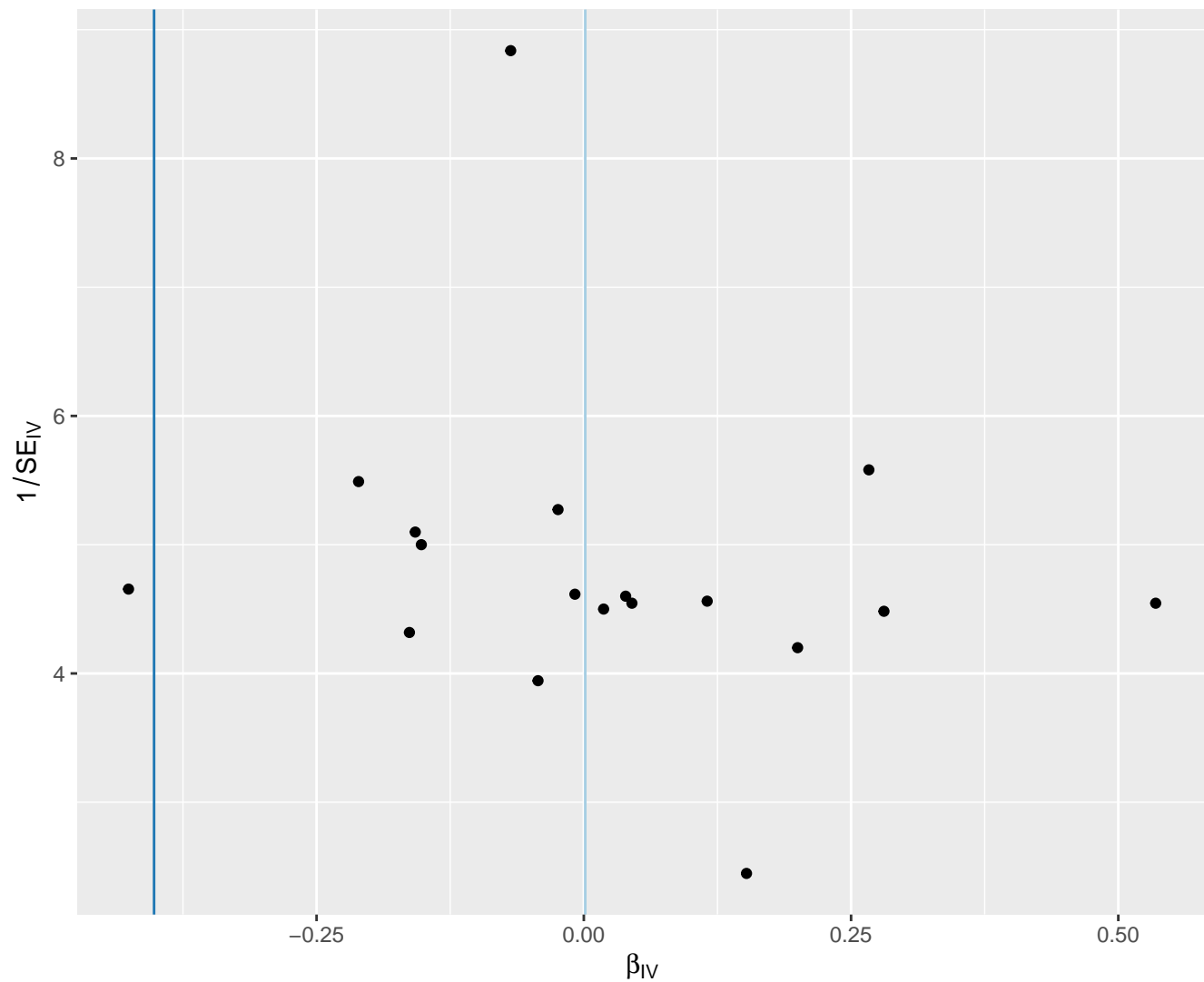
X-13429

MR Method



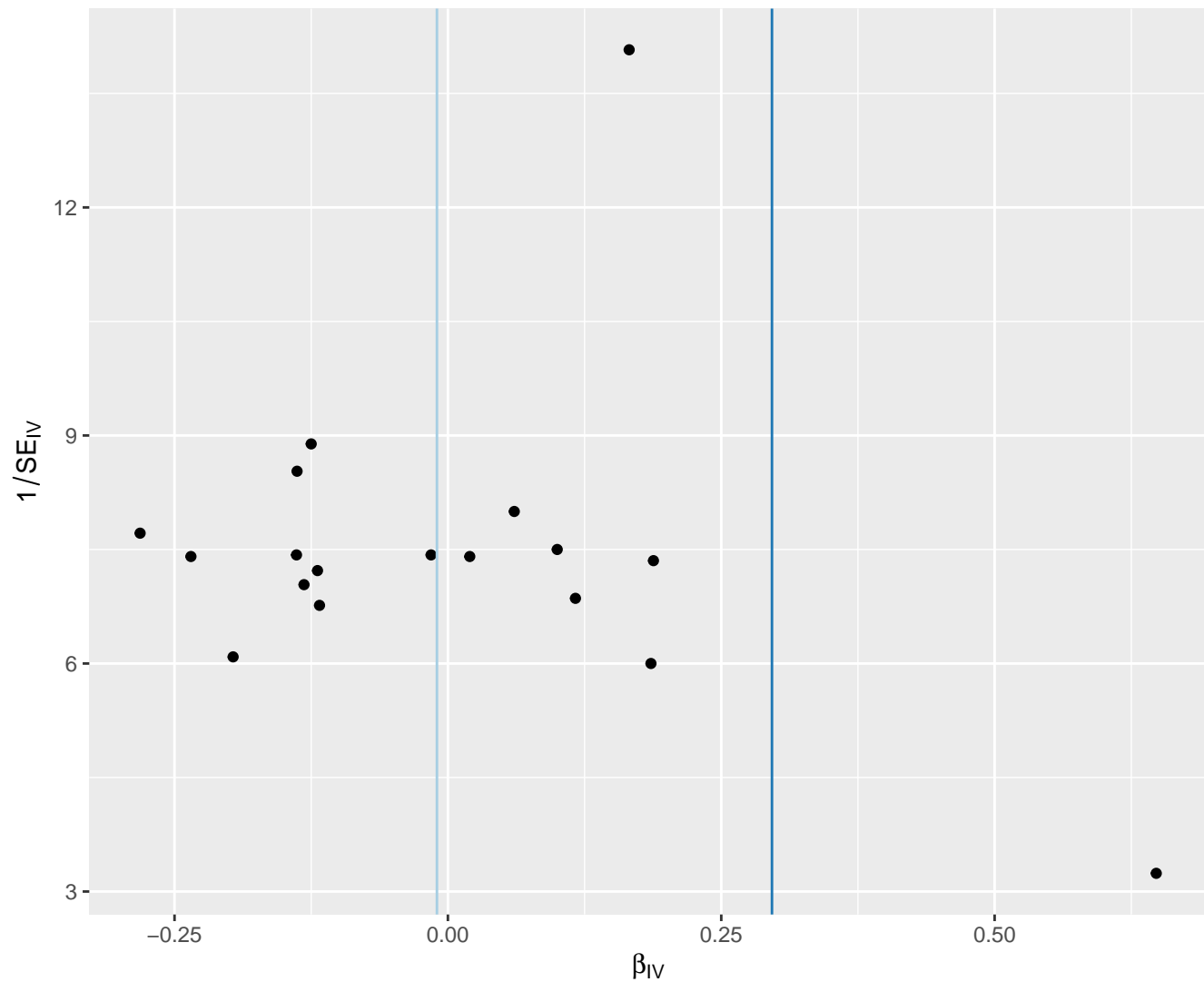
# X-13431--nonanoylcarnitine\*

MR Method



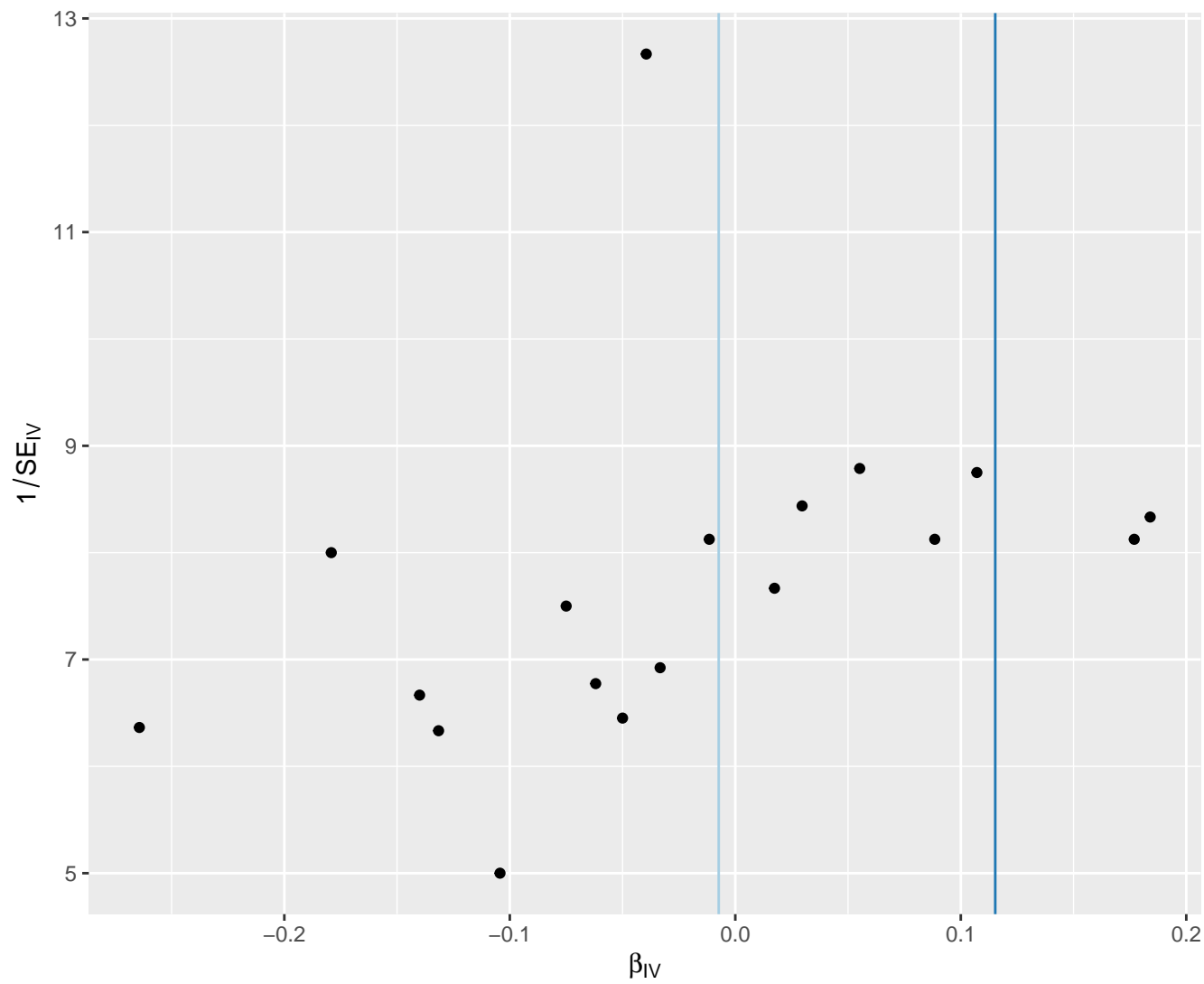
X-13435

MR Method



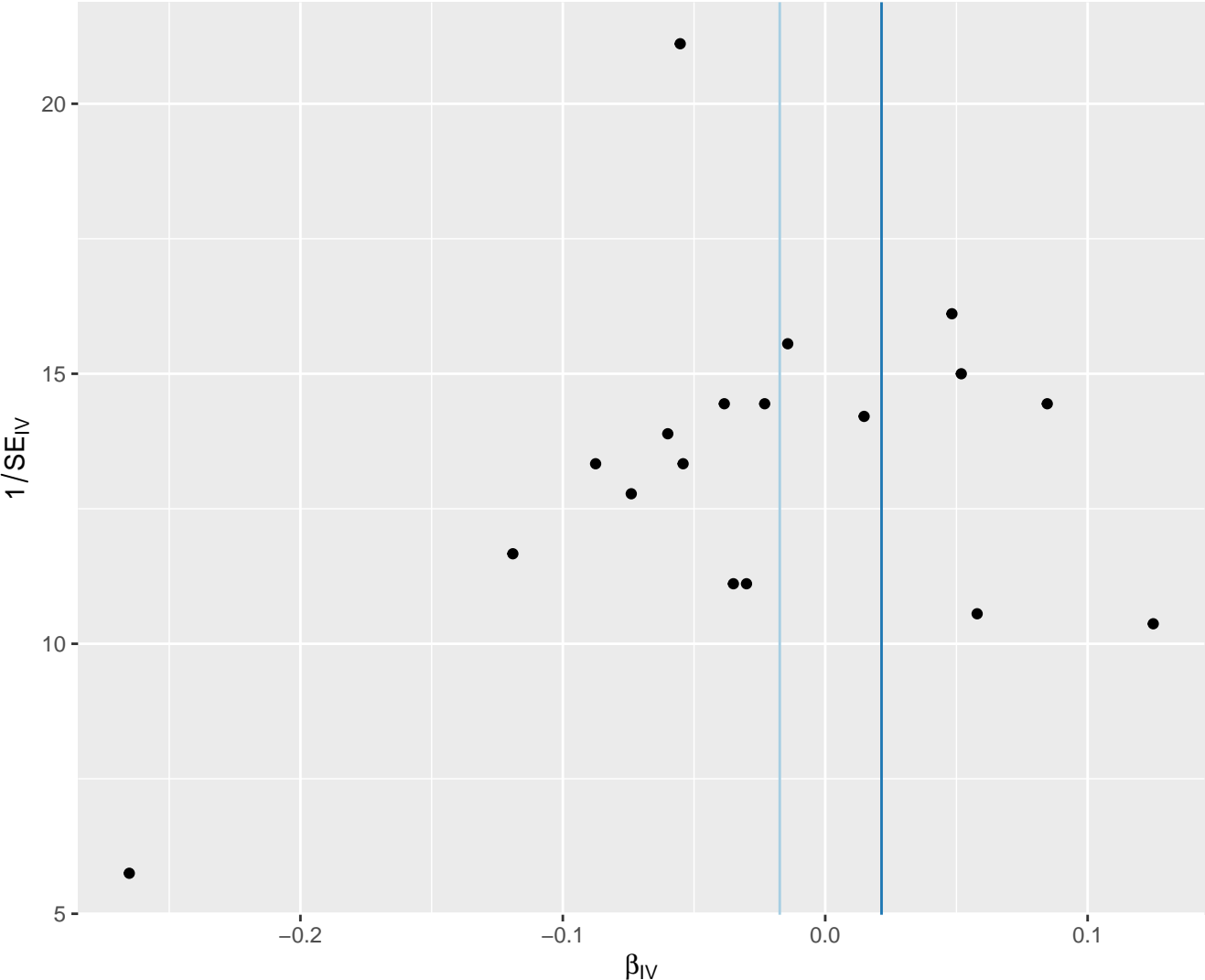
X-13477

MR Method



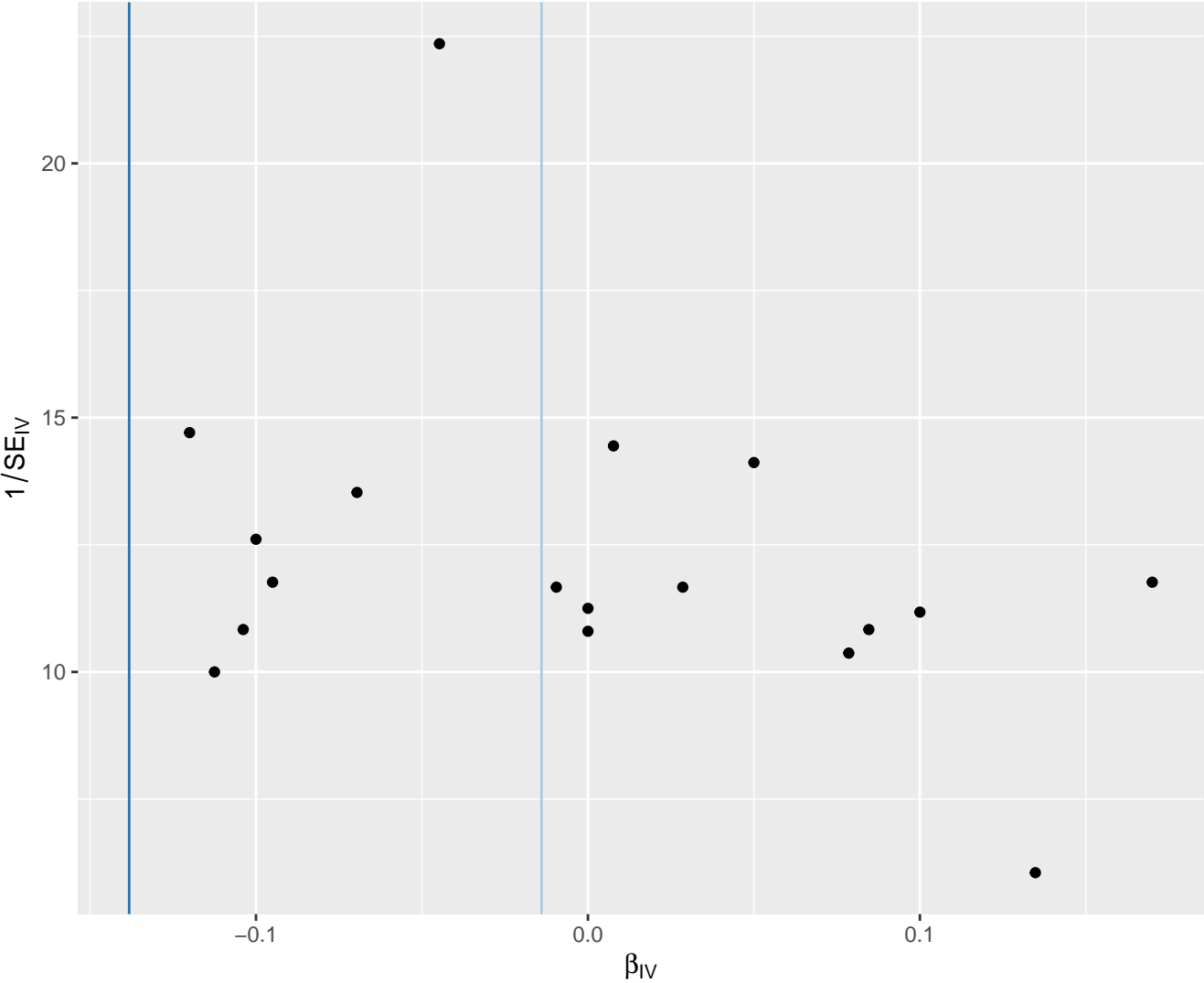
X-13496

MR Method



X-13548

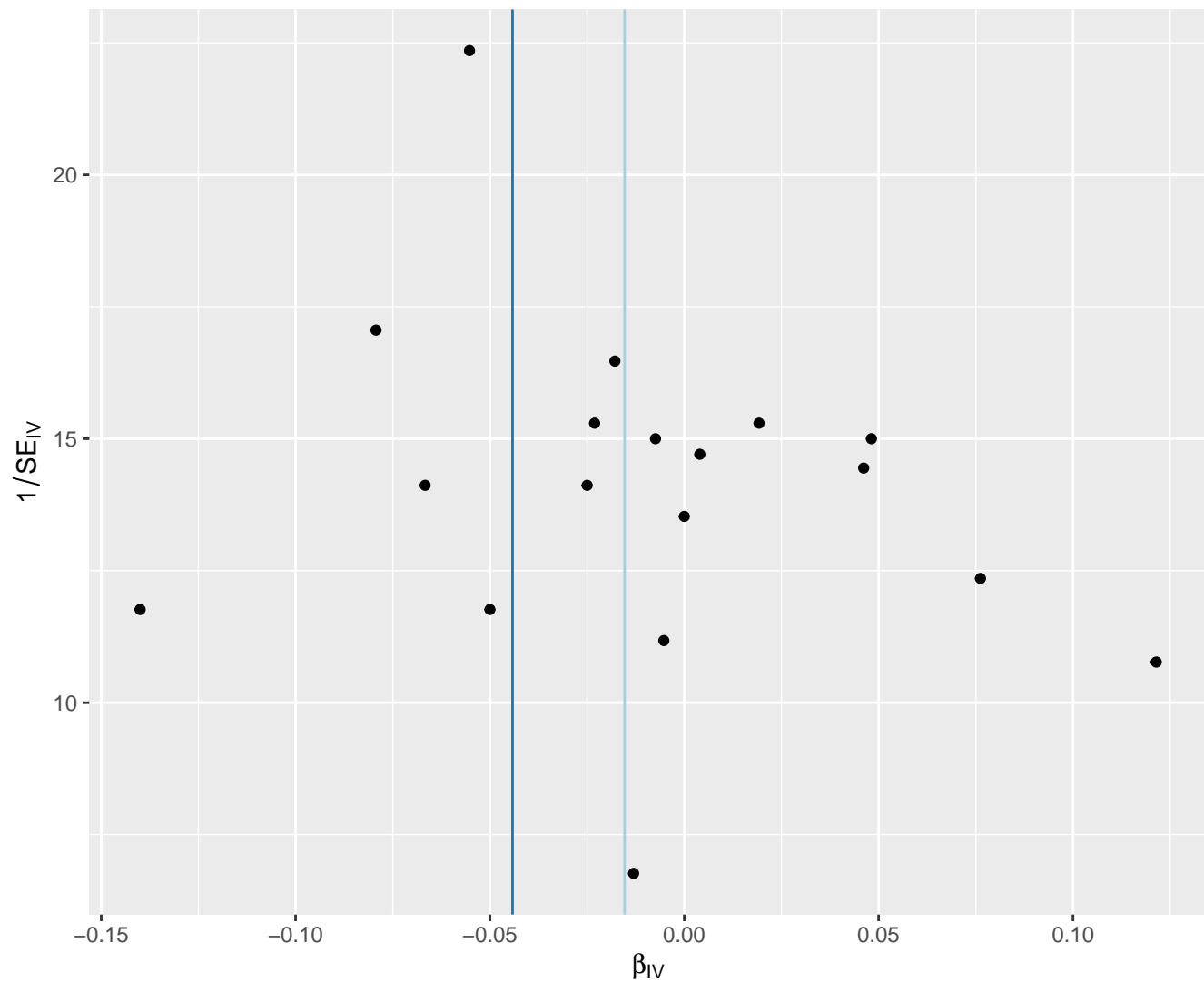
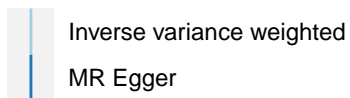
MR Method





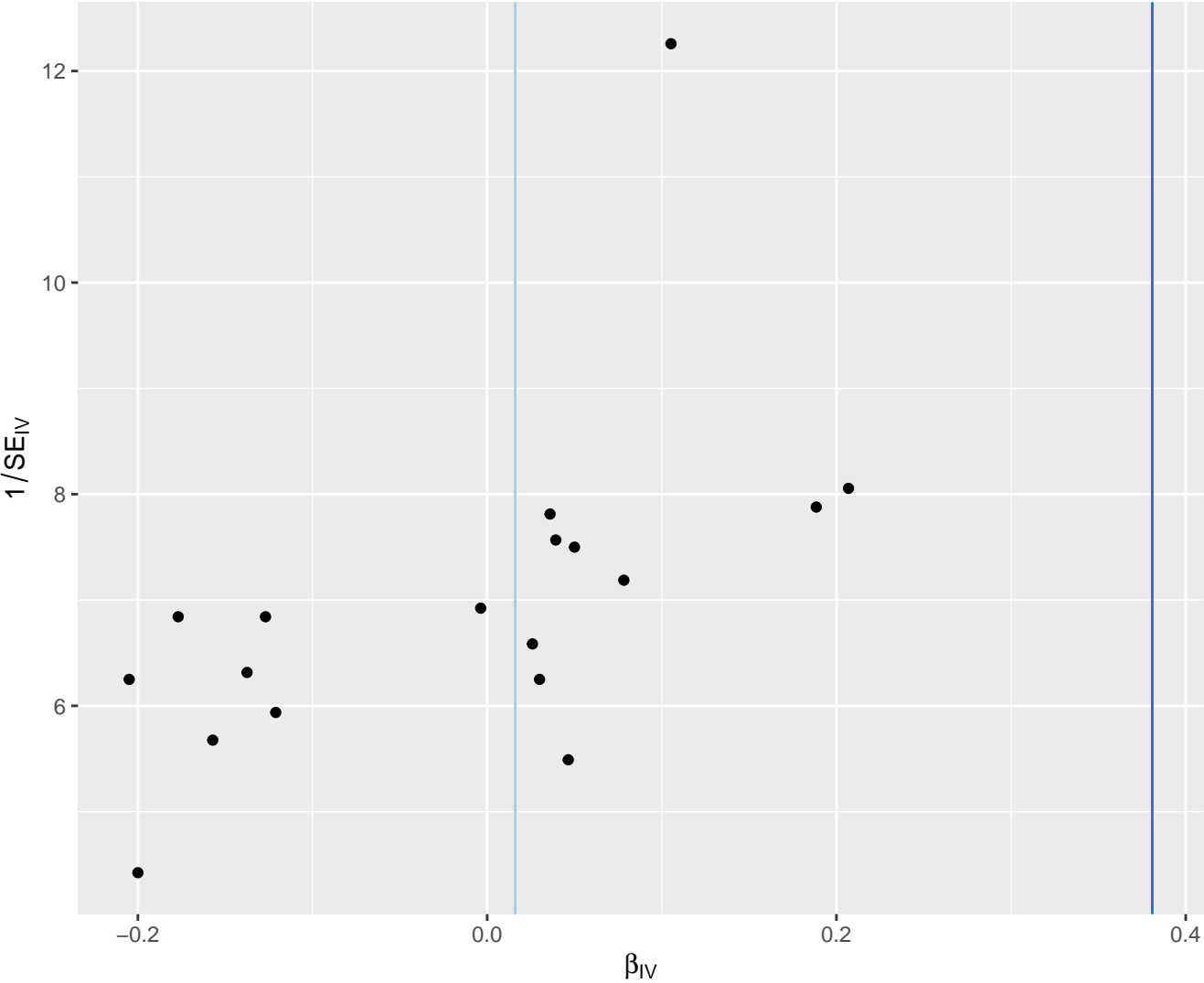
X-13549

MR Method



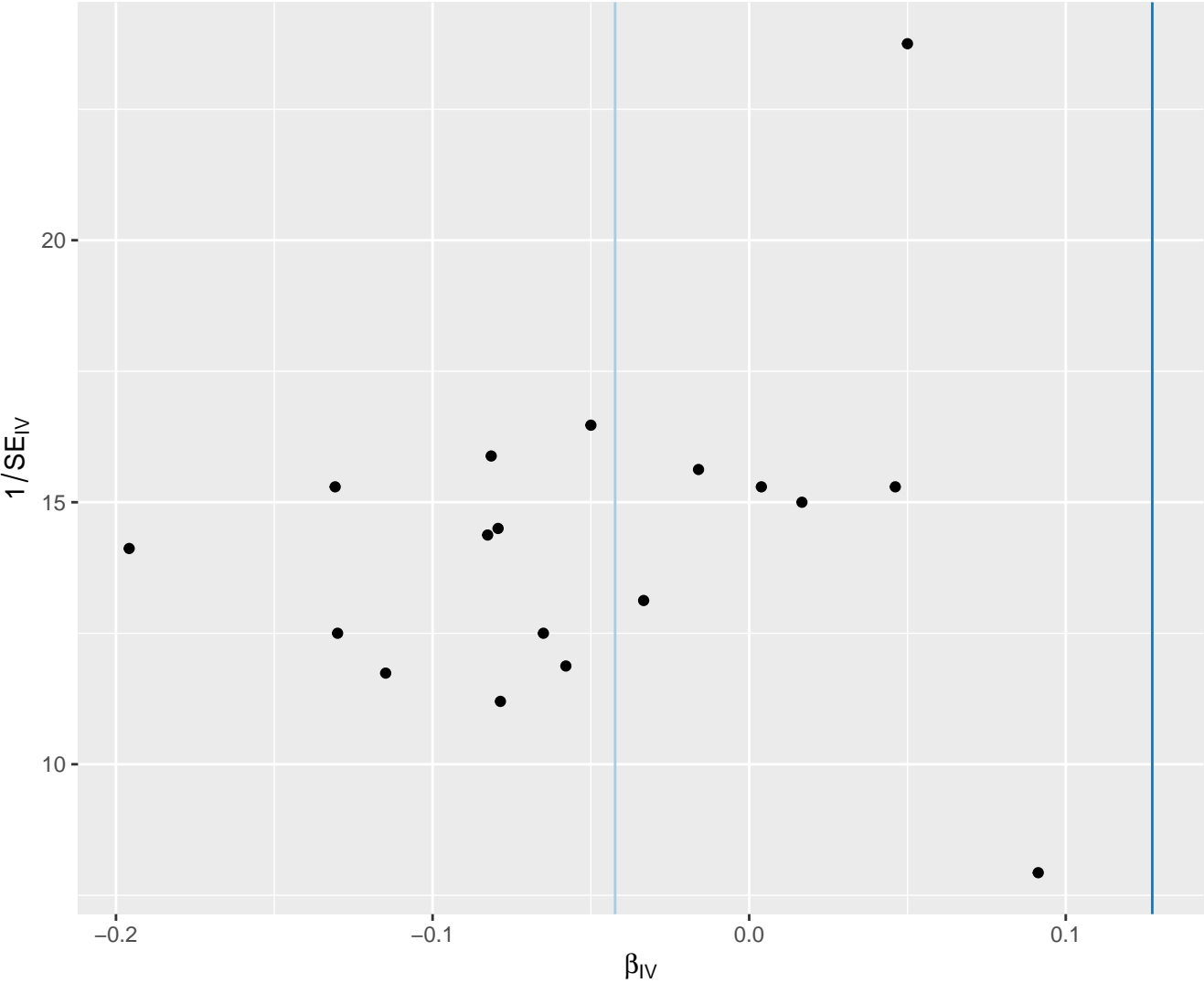
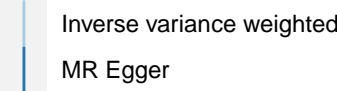
X-13553

MR Method



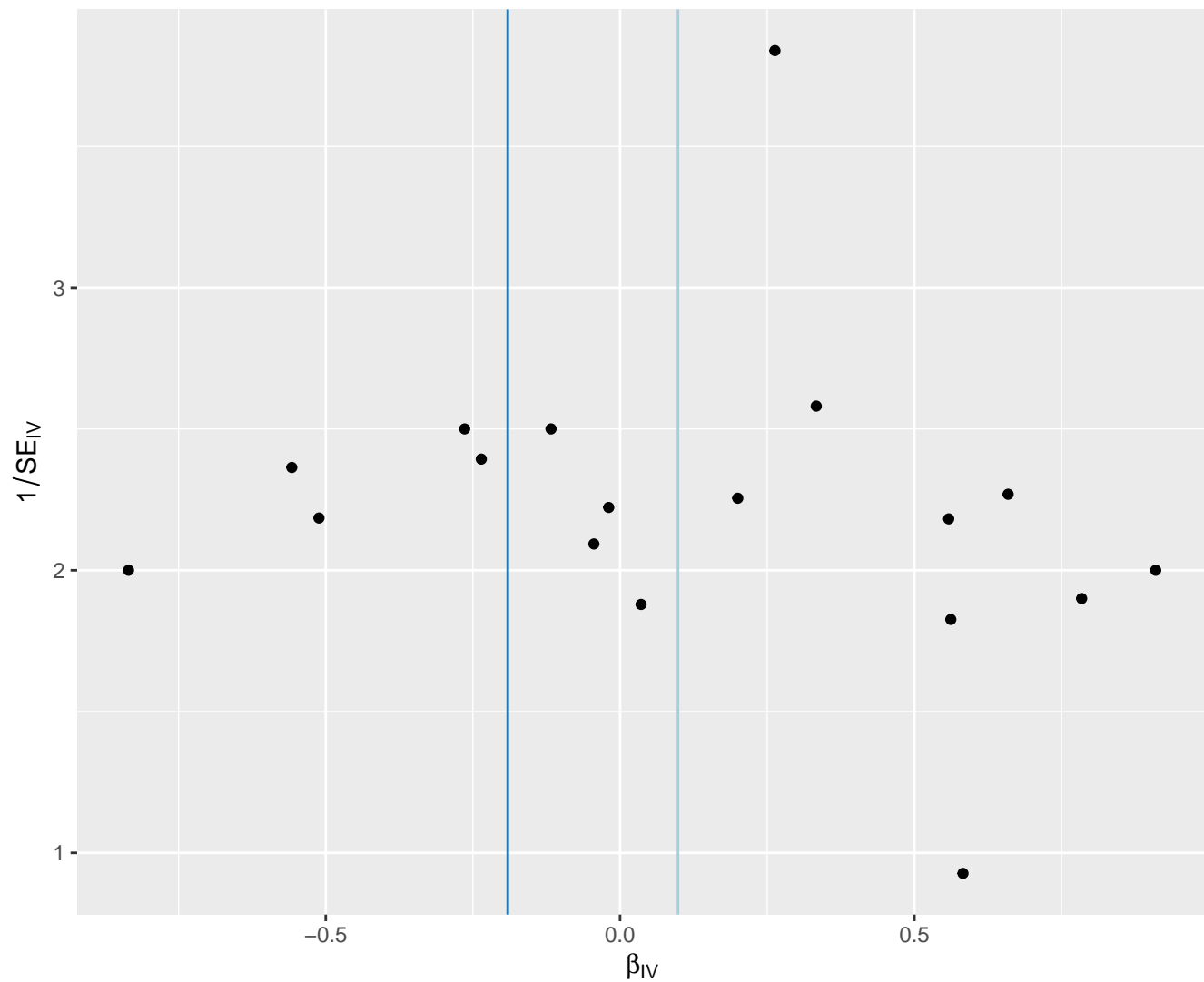
X-13619

MR Method



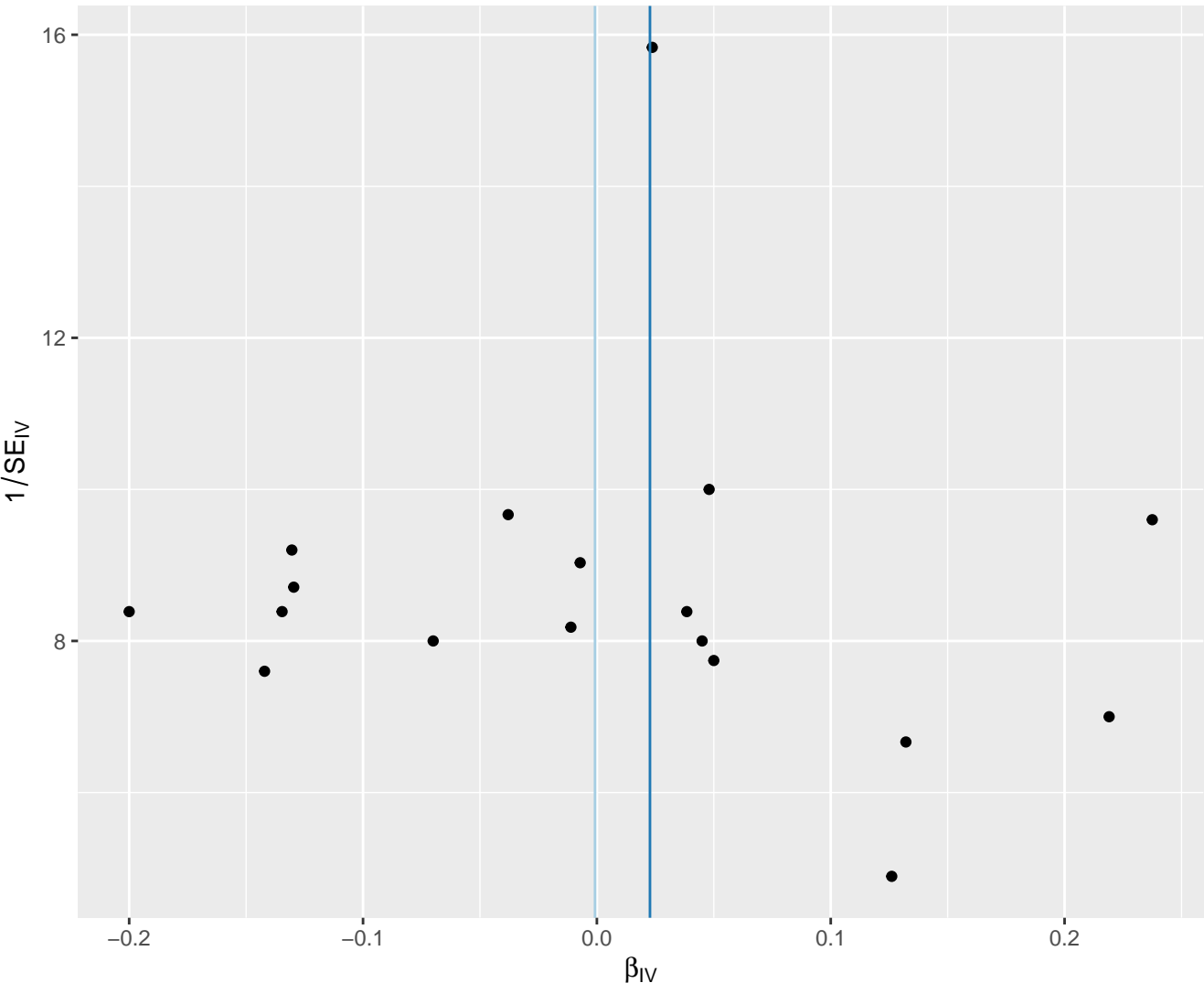
X-13658

MR Method



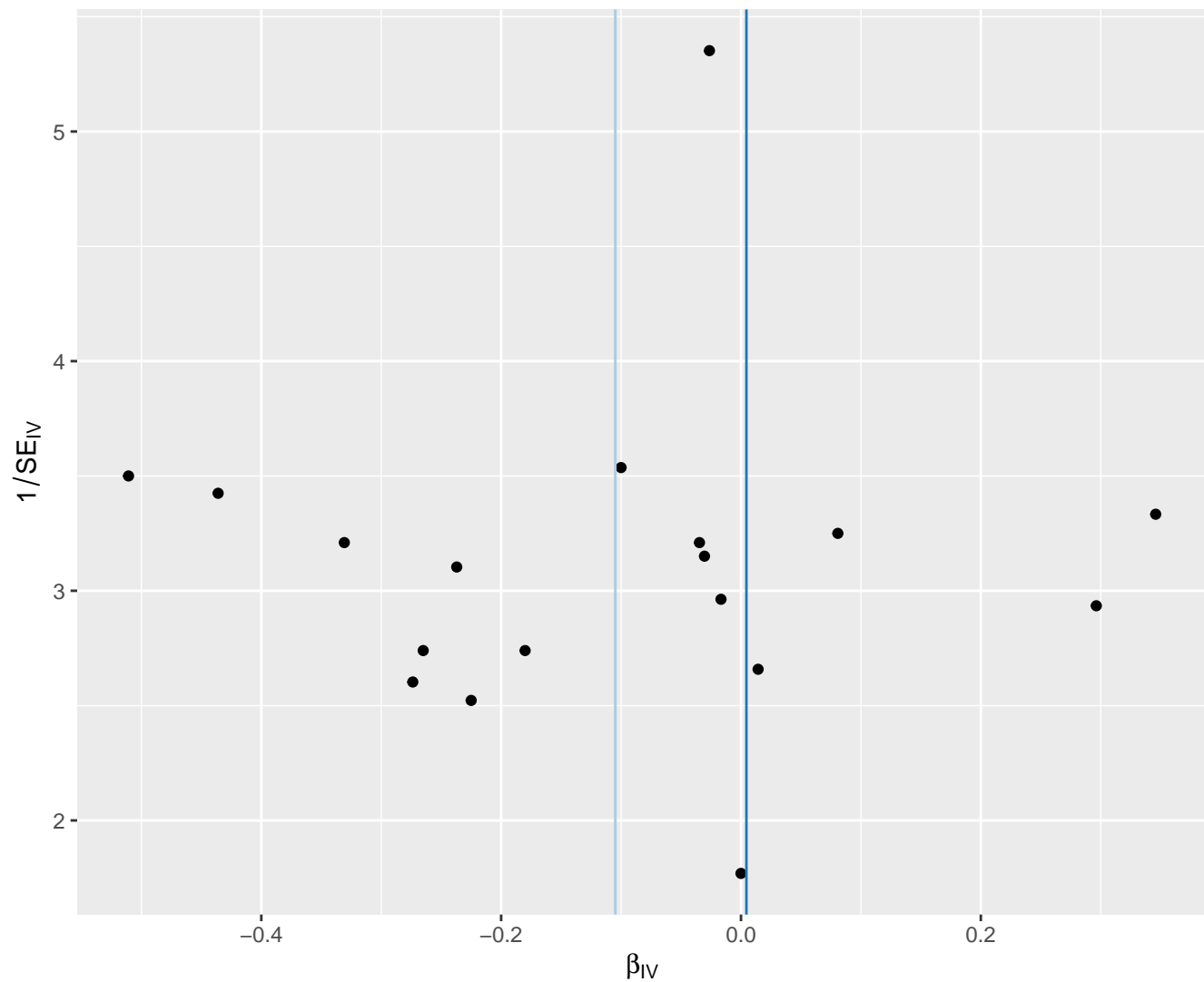
X-13671

MR Method



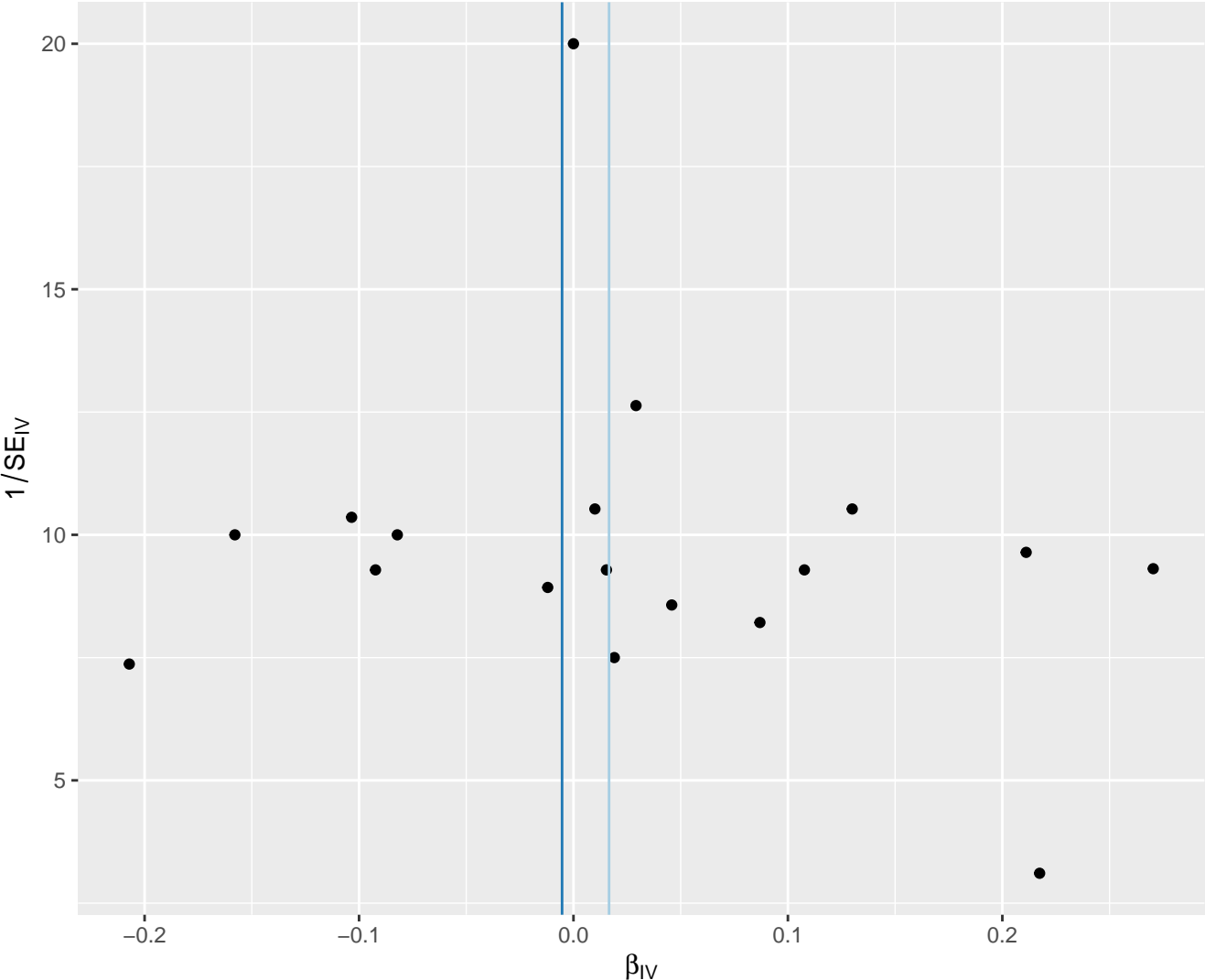
X-13741

MR Method



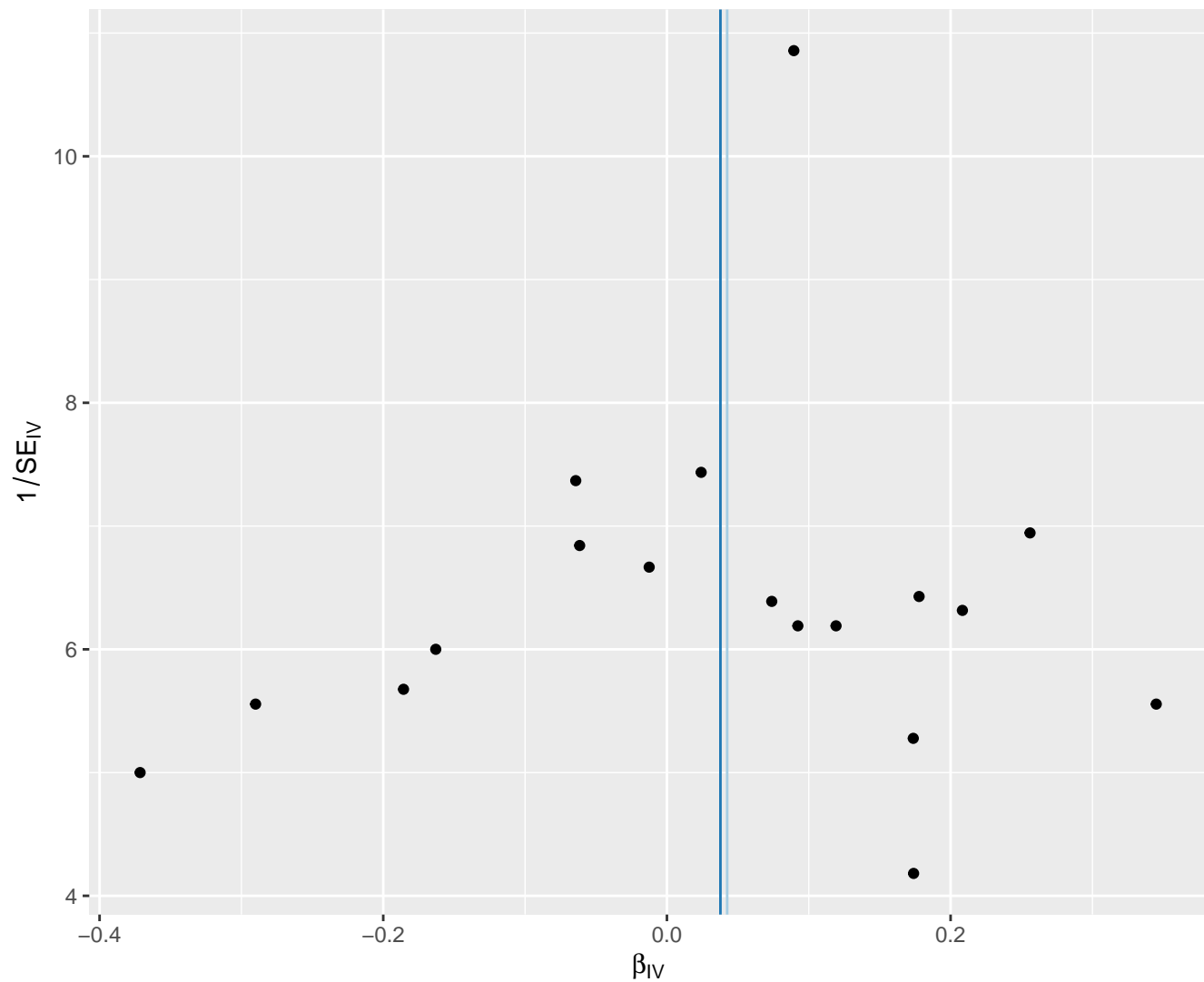
X-13859

MR Method



X-14056

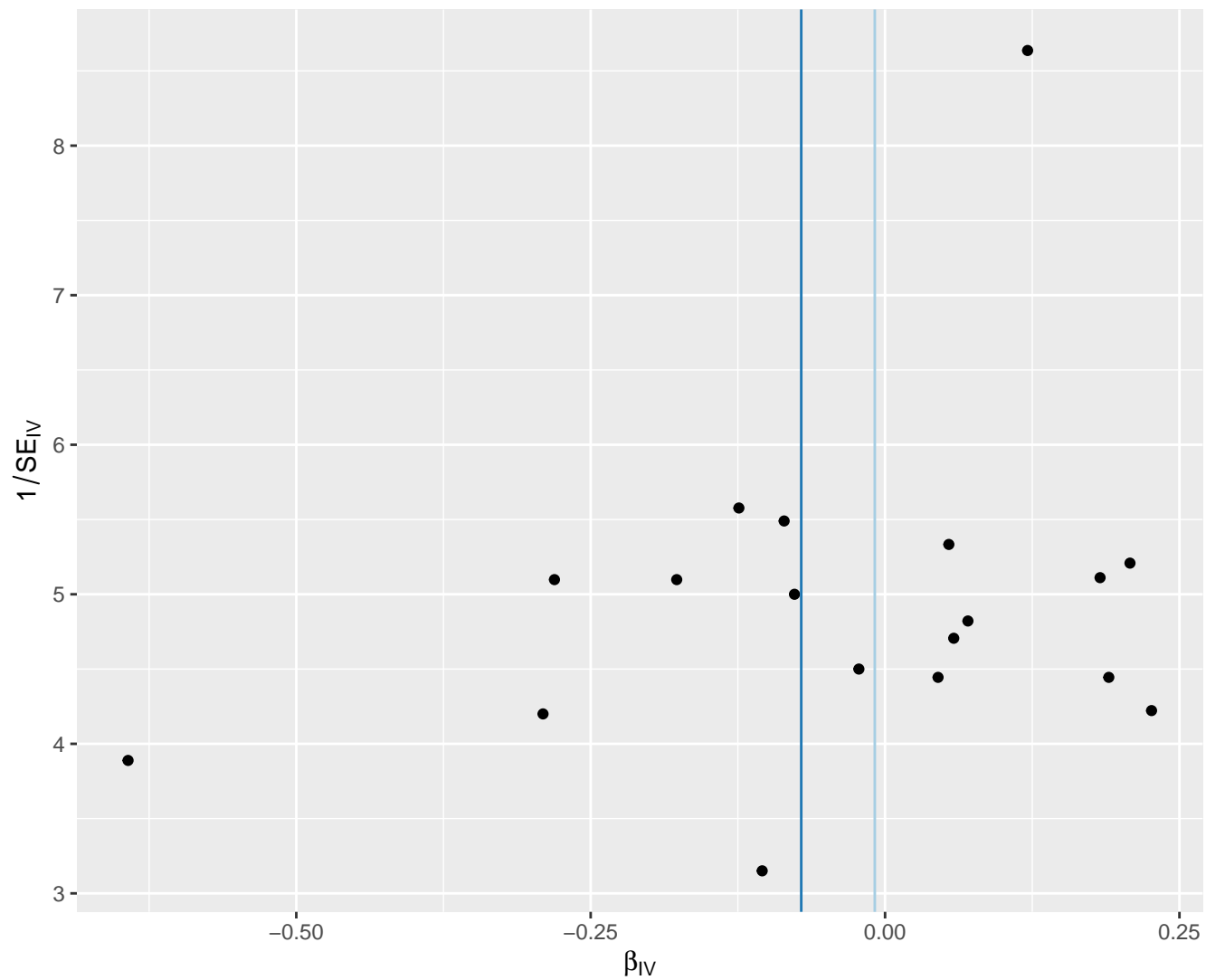
MR Method





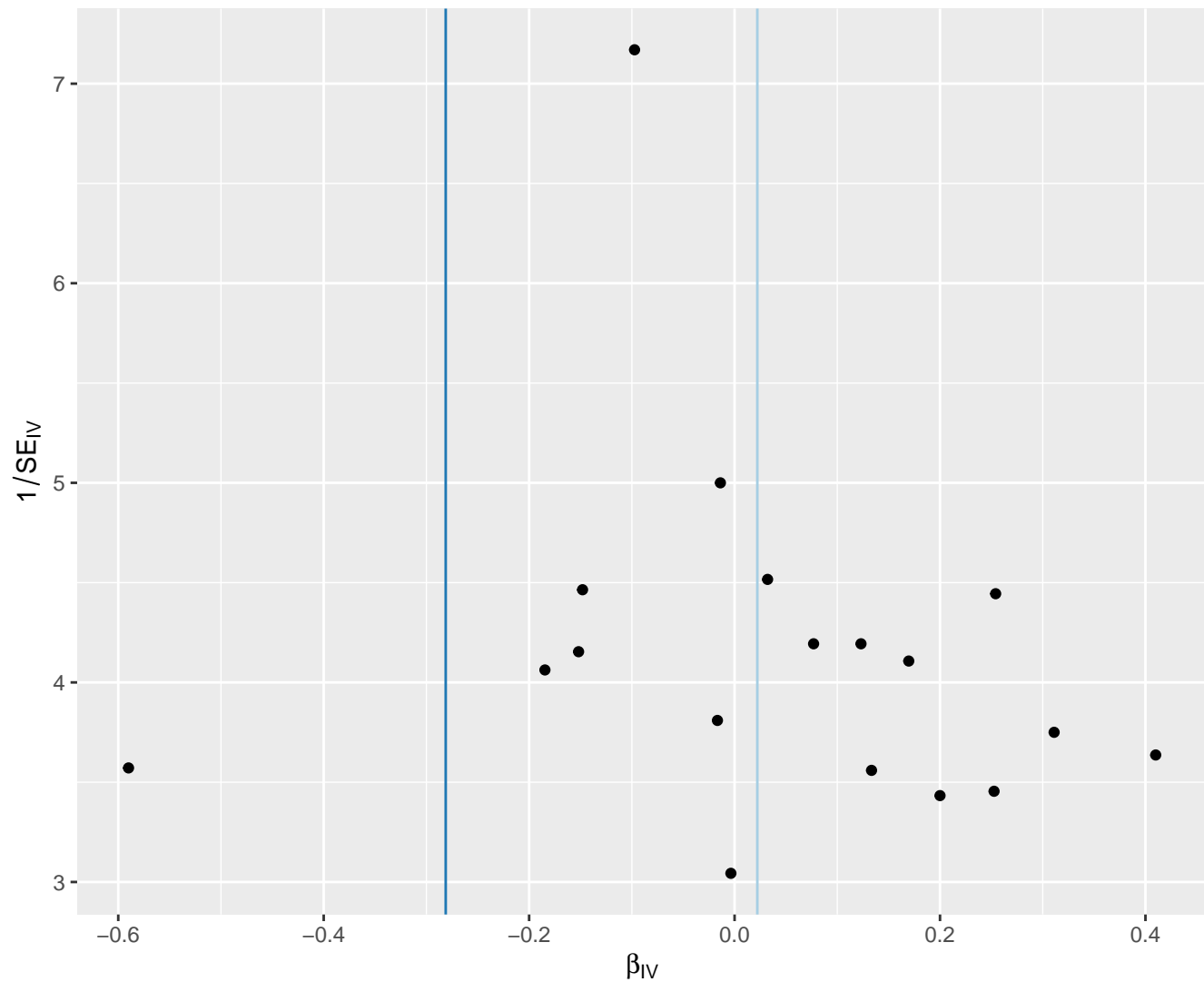
X-14057

MR Method

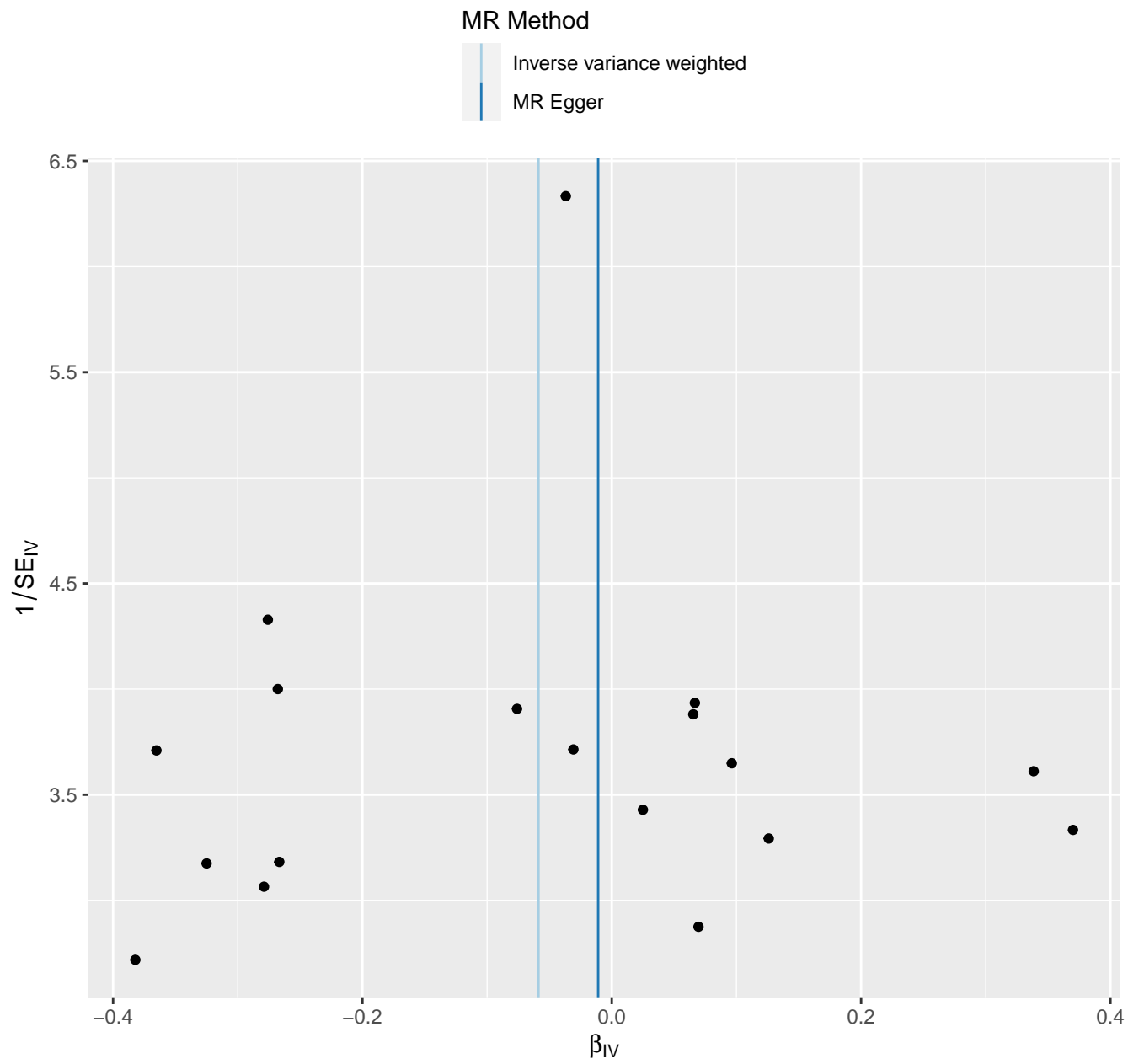


X-14086

MR Method

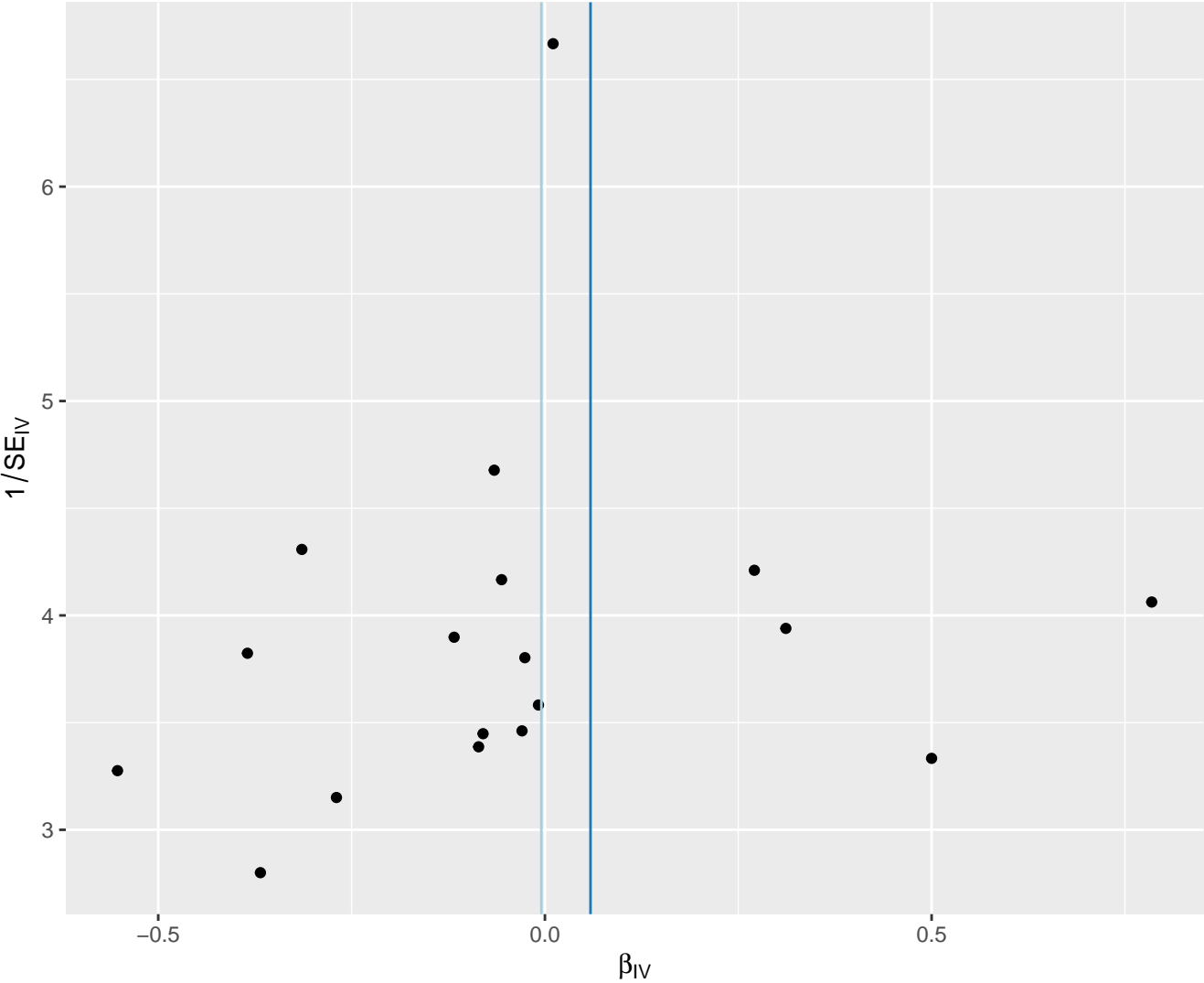
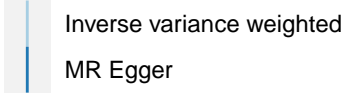


# X-14189--leucylalanine



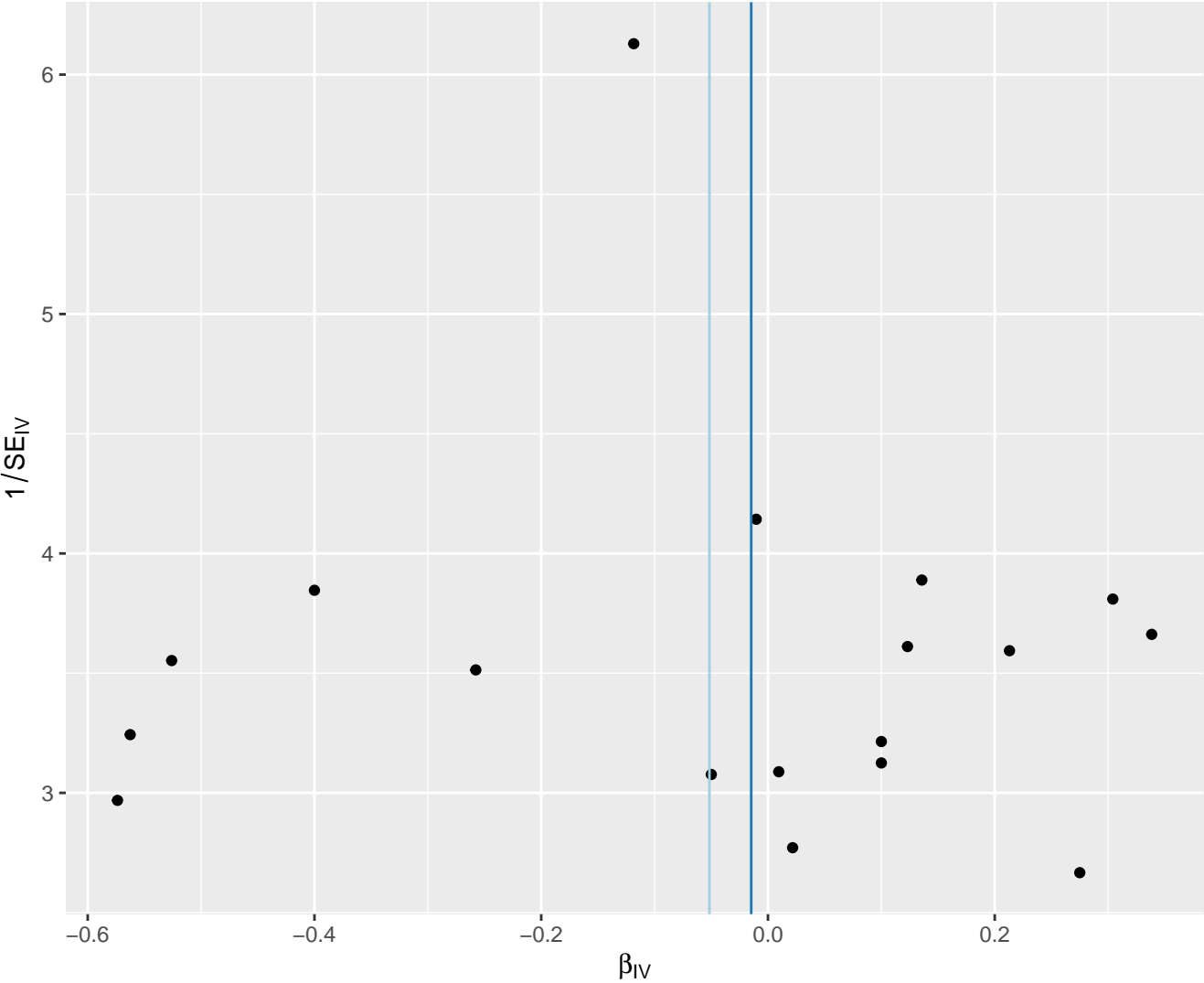
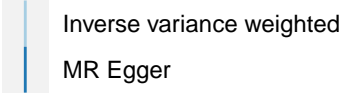
X-14205--alpha-glutamyltyrosine

MR Method

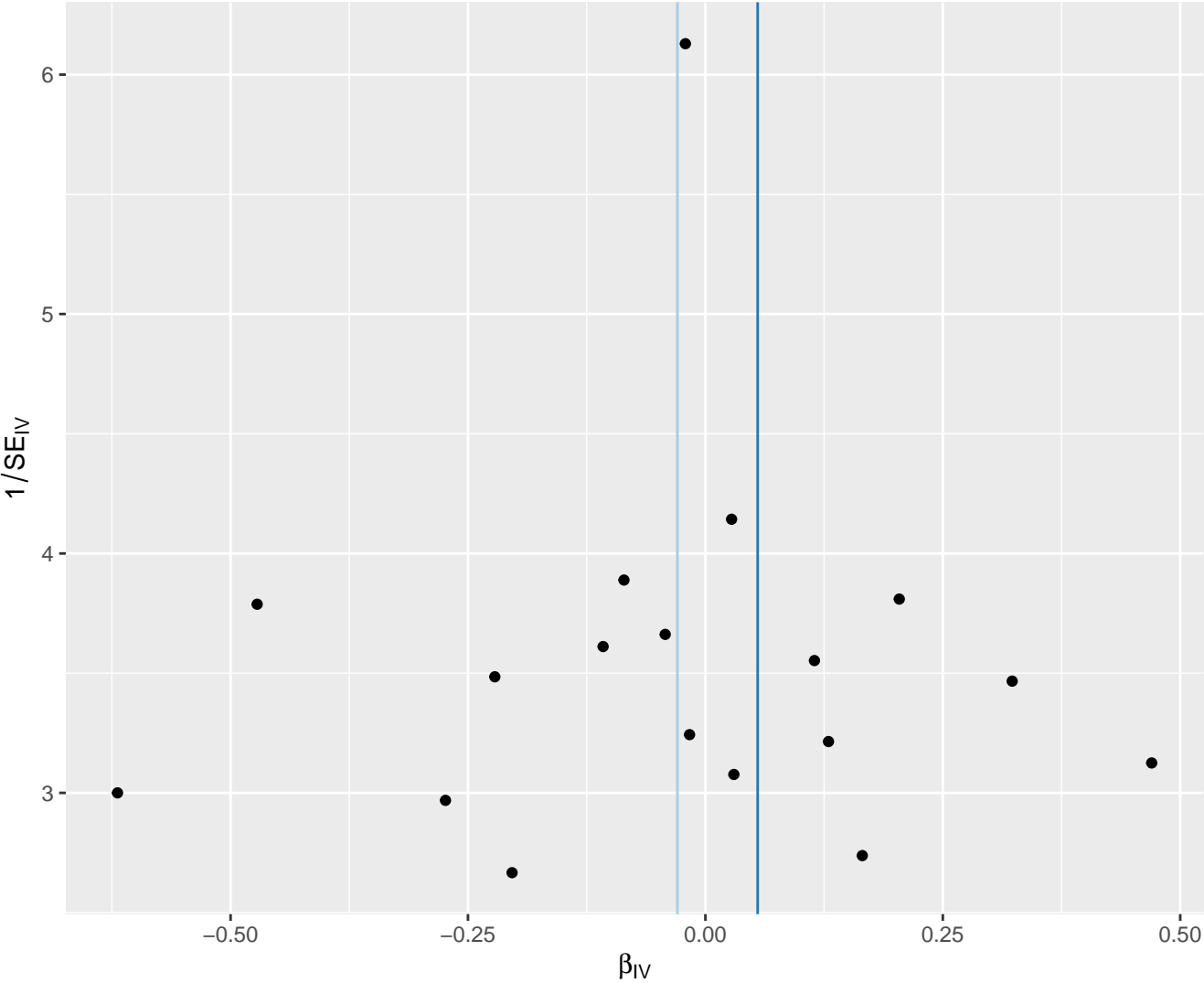
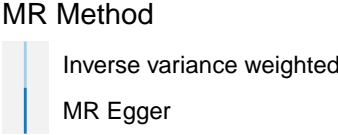


X-14208--phenylalanyls erine

MR Method

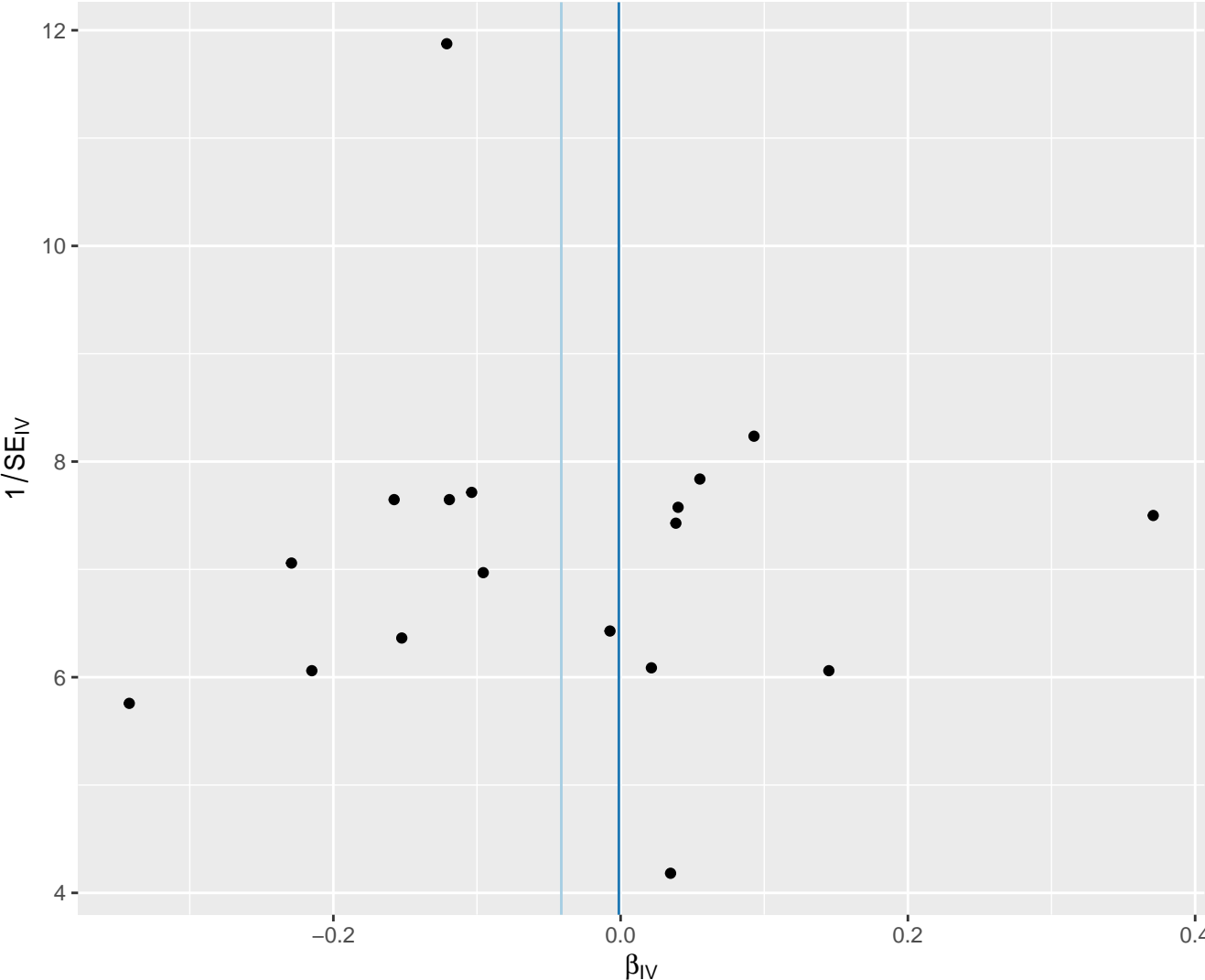


X-14304--leucylalanine



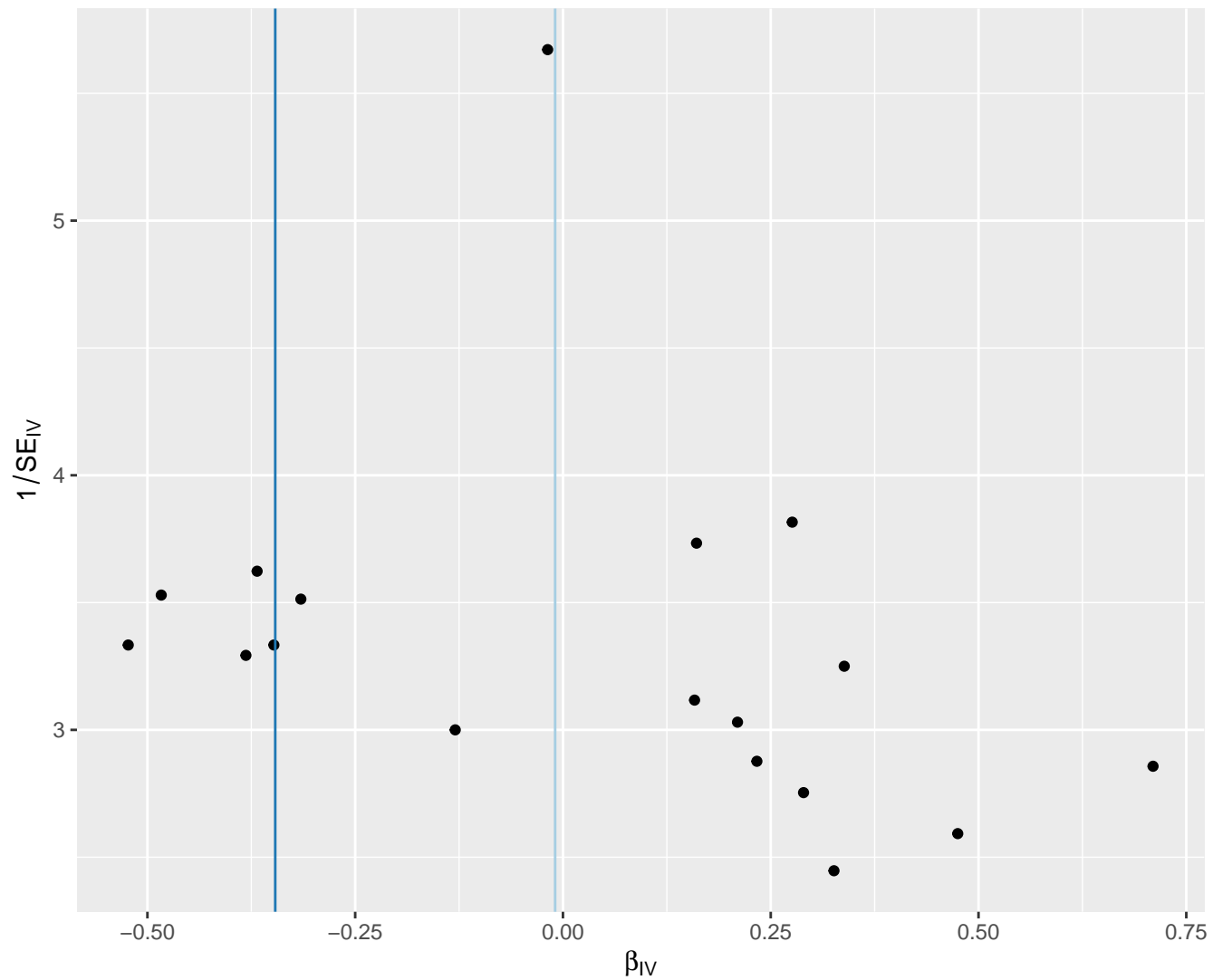
X-14374

MR Method



# X-14450--phenylalanylleucine

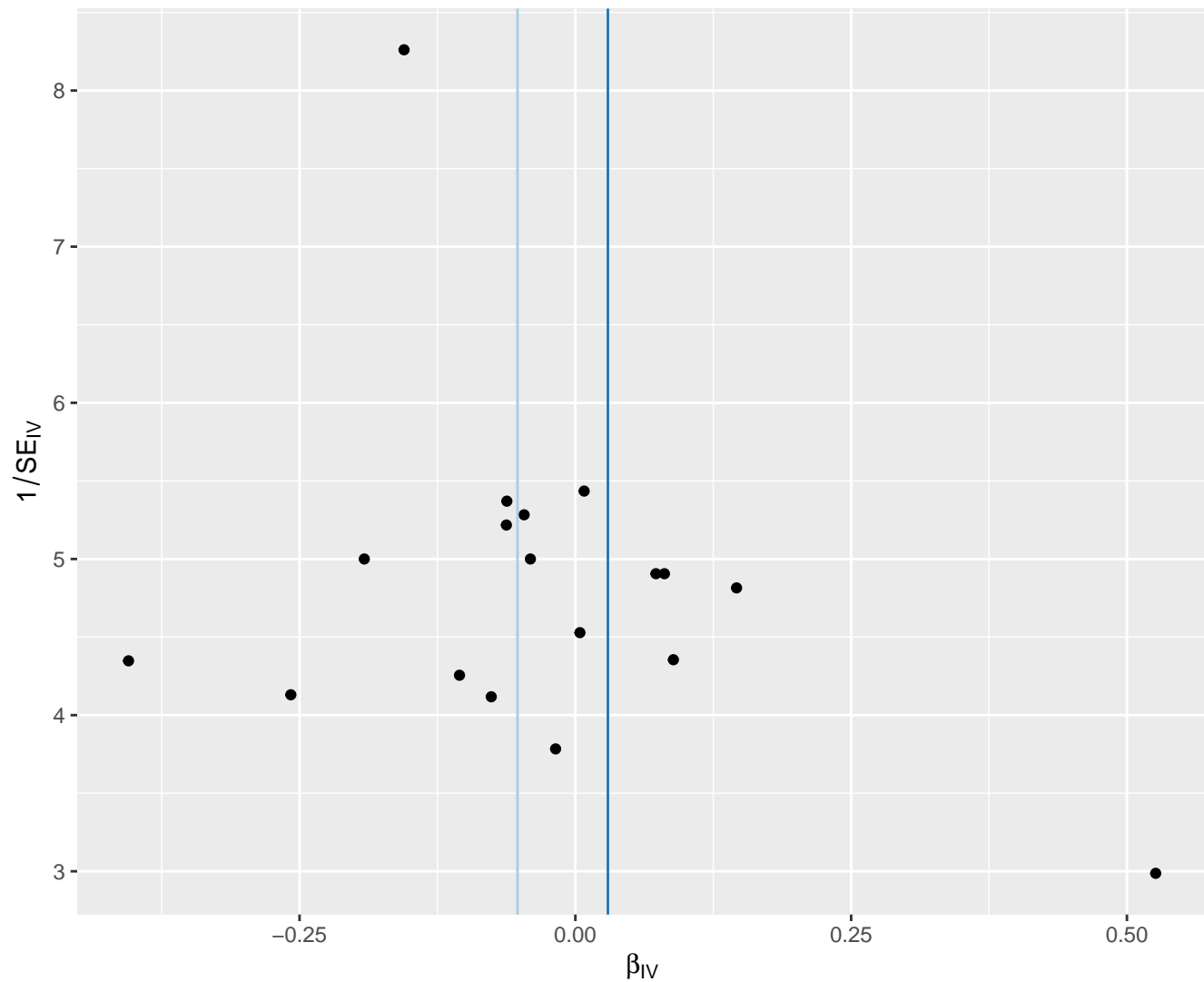
MR Method





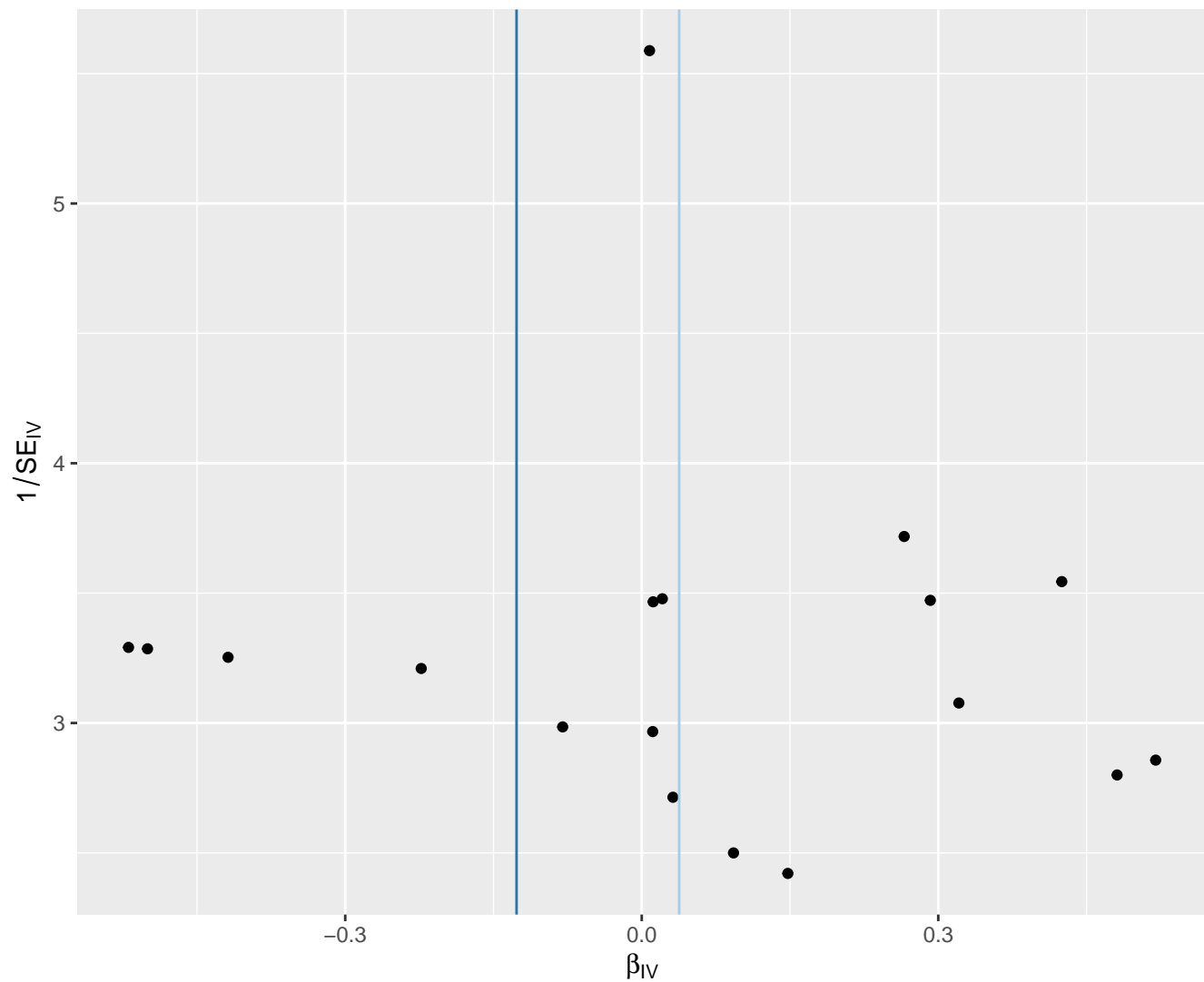
X-14473

MR Method



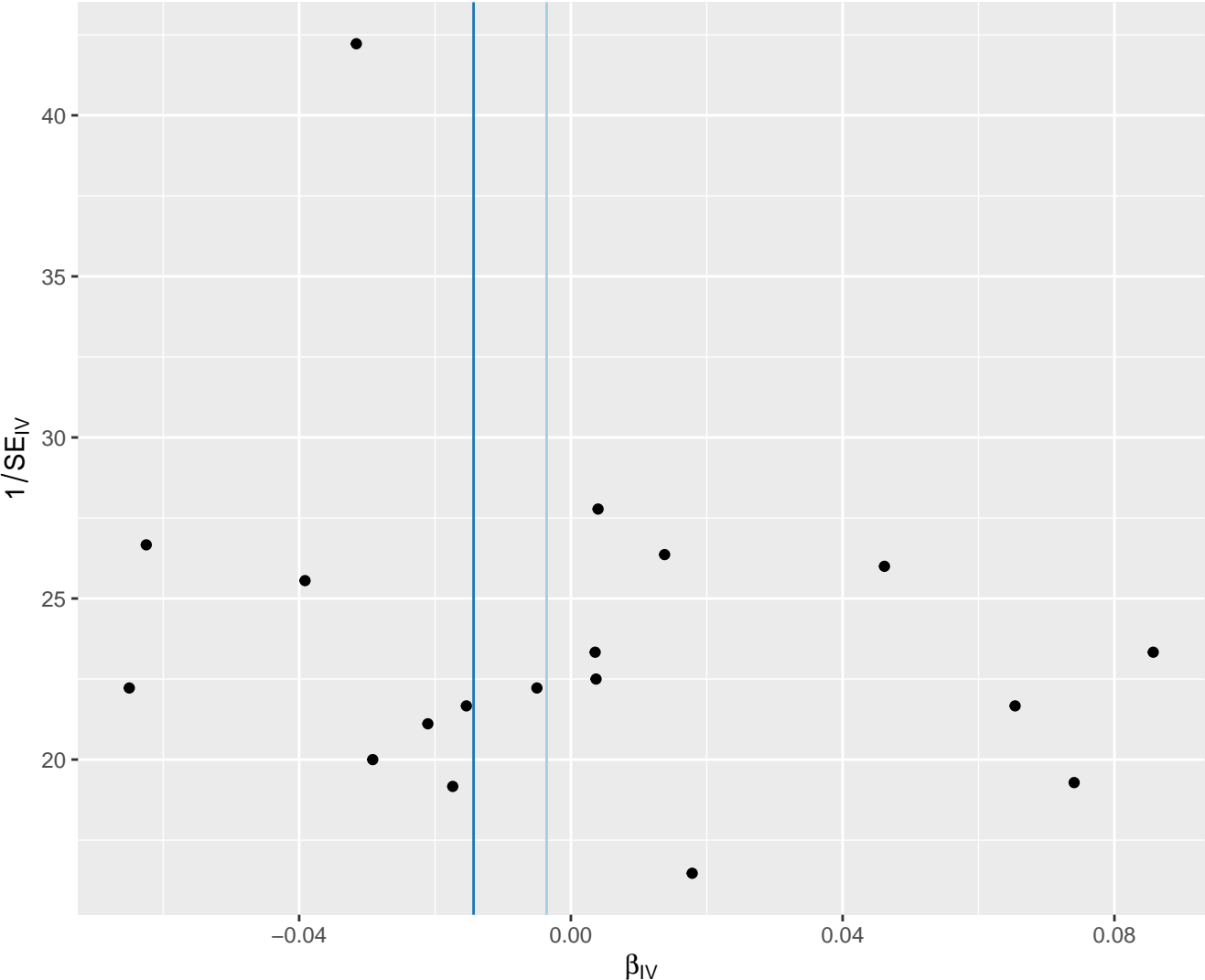
X-14541

MR Method



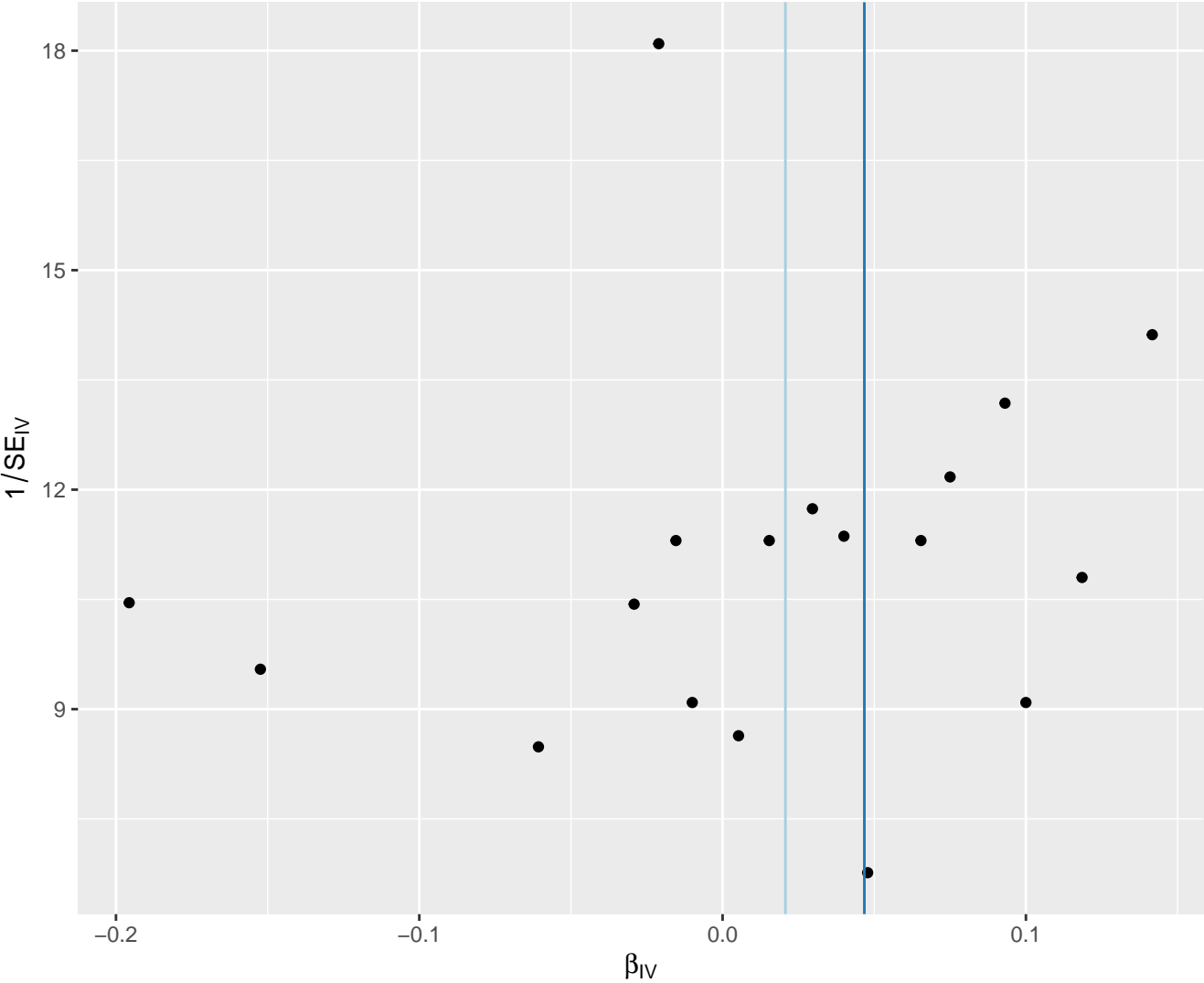
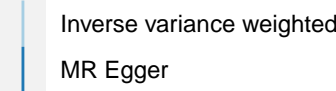
X-14588

MR Method



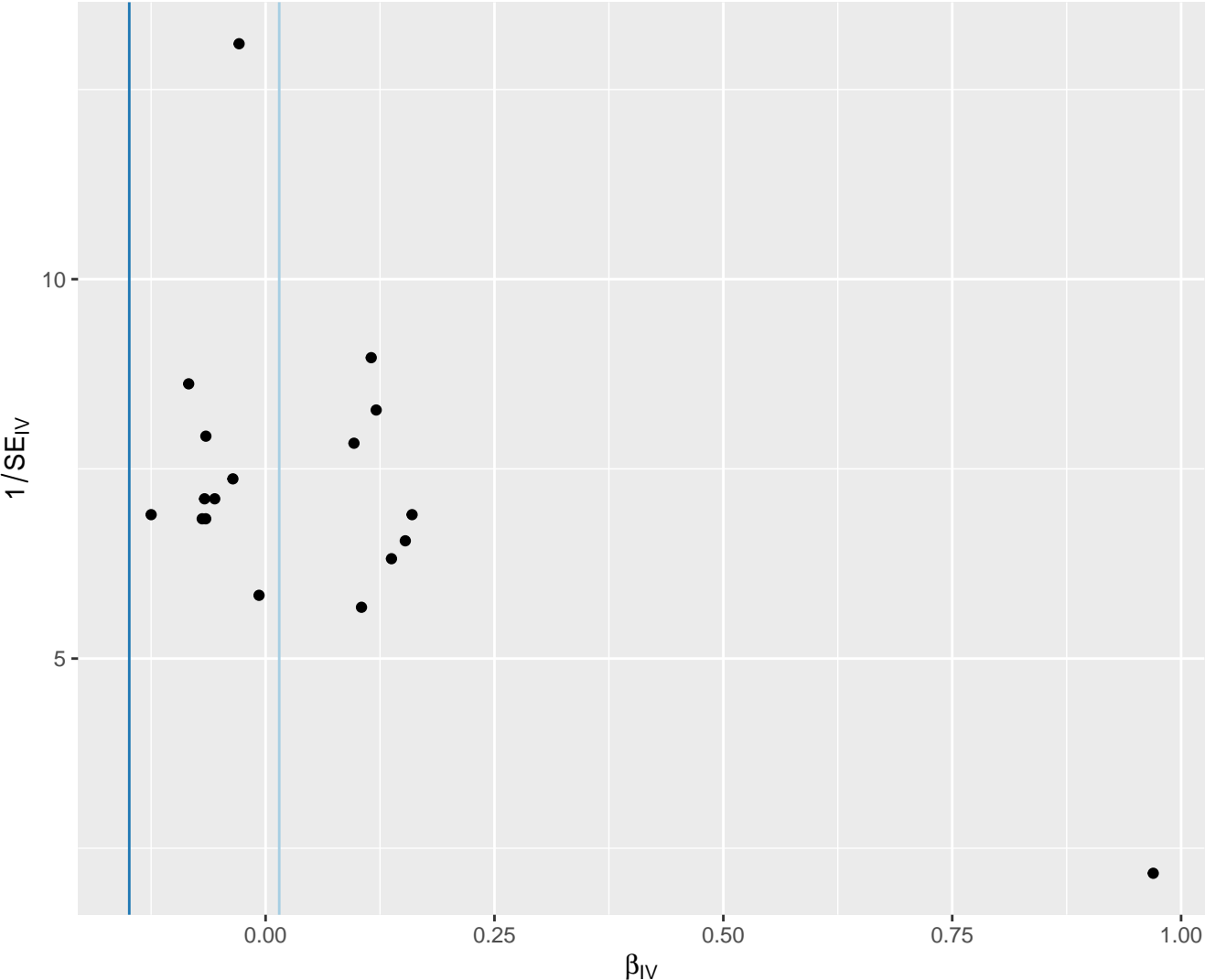
X-14625

MR Method



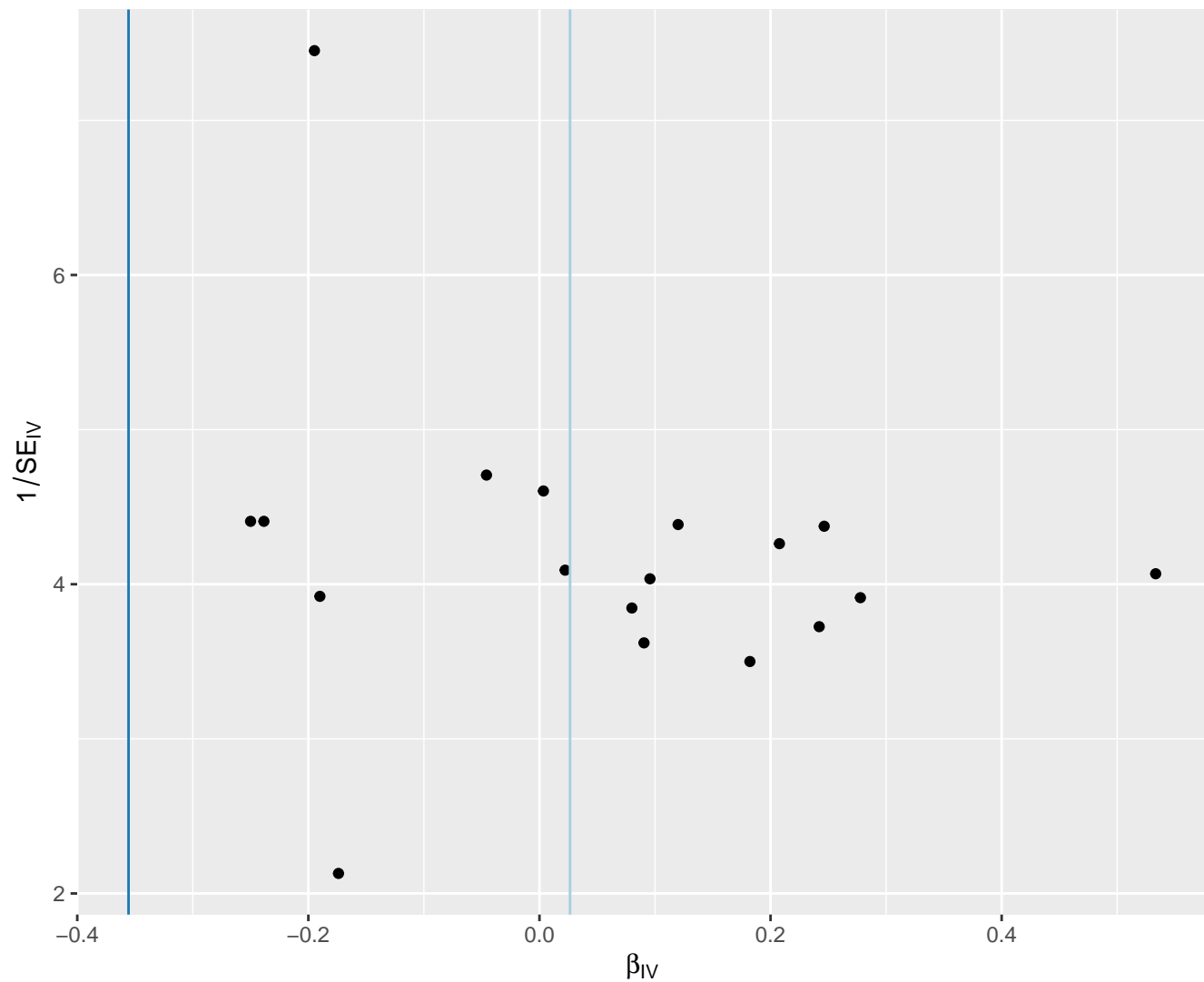
X-14626

MR Method



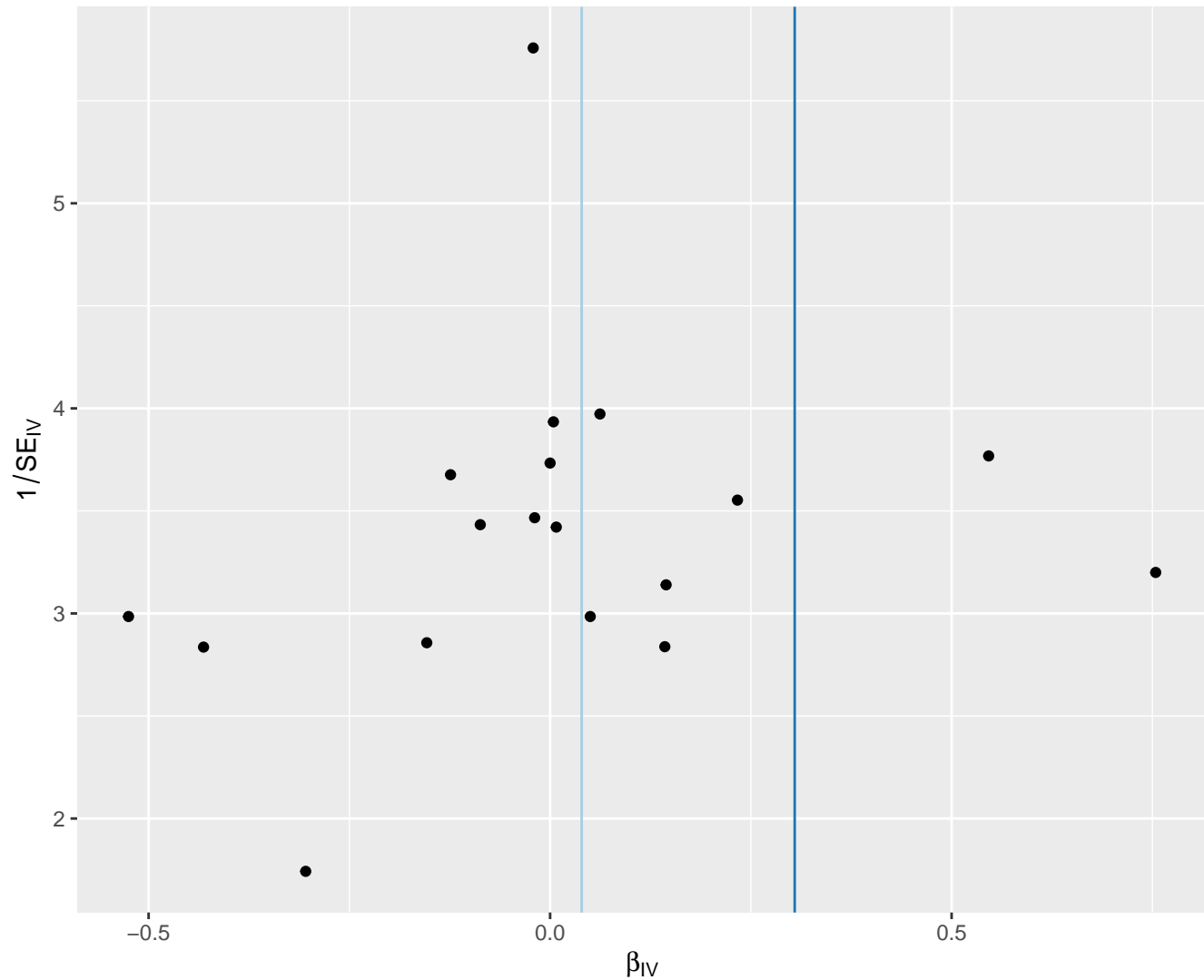
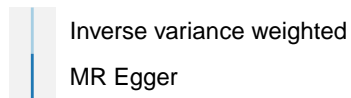
X-14632

MR Method



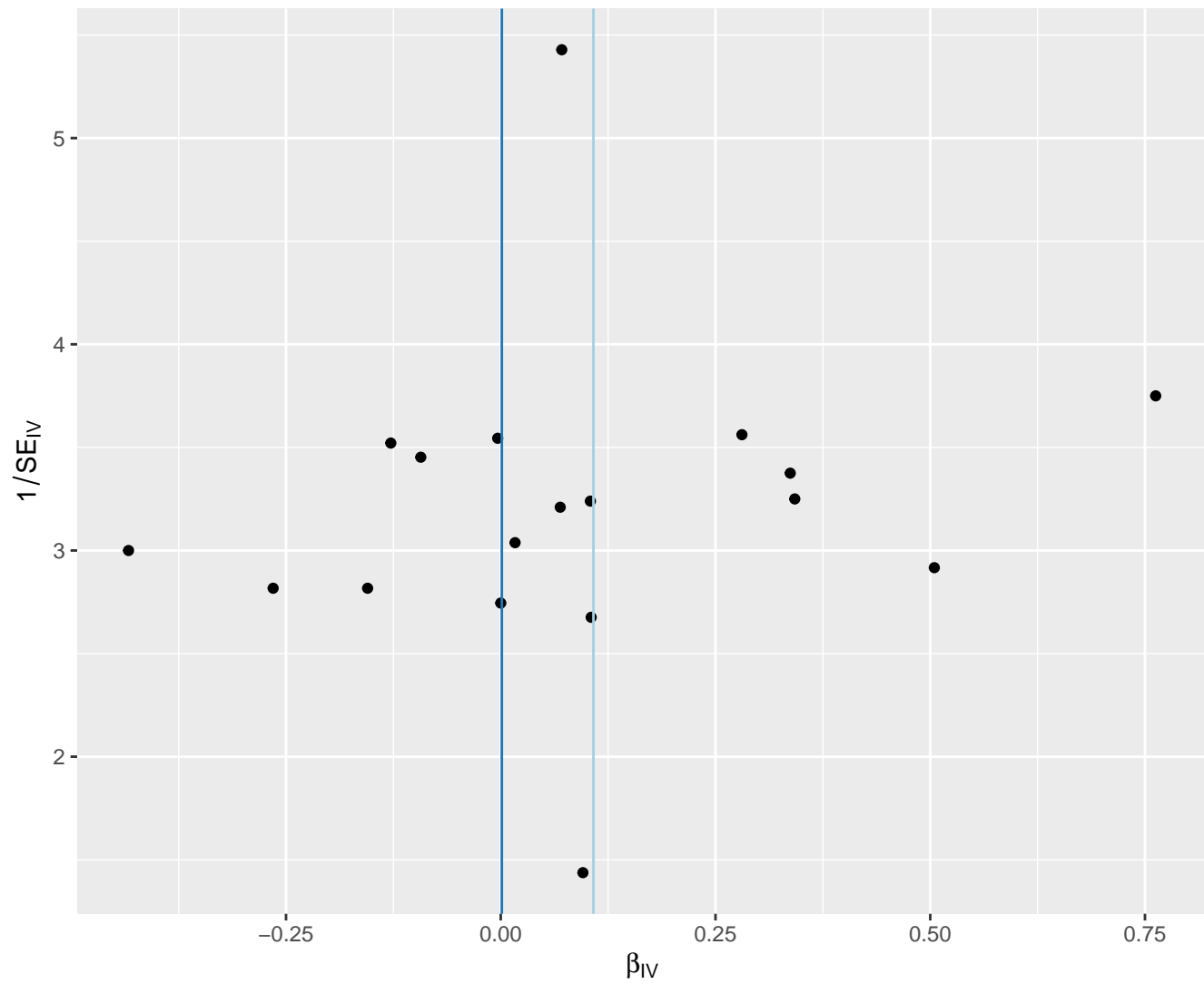
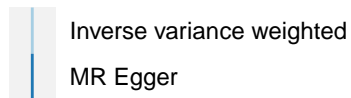
X-14658

MR Method



X-14662

MR Method





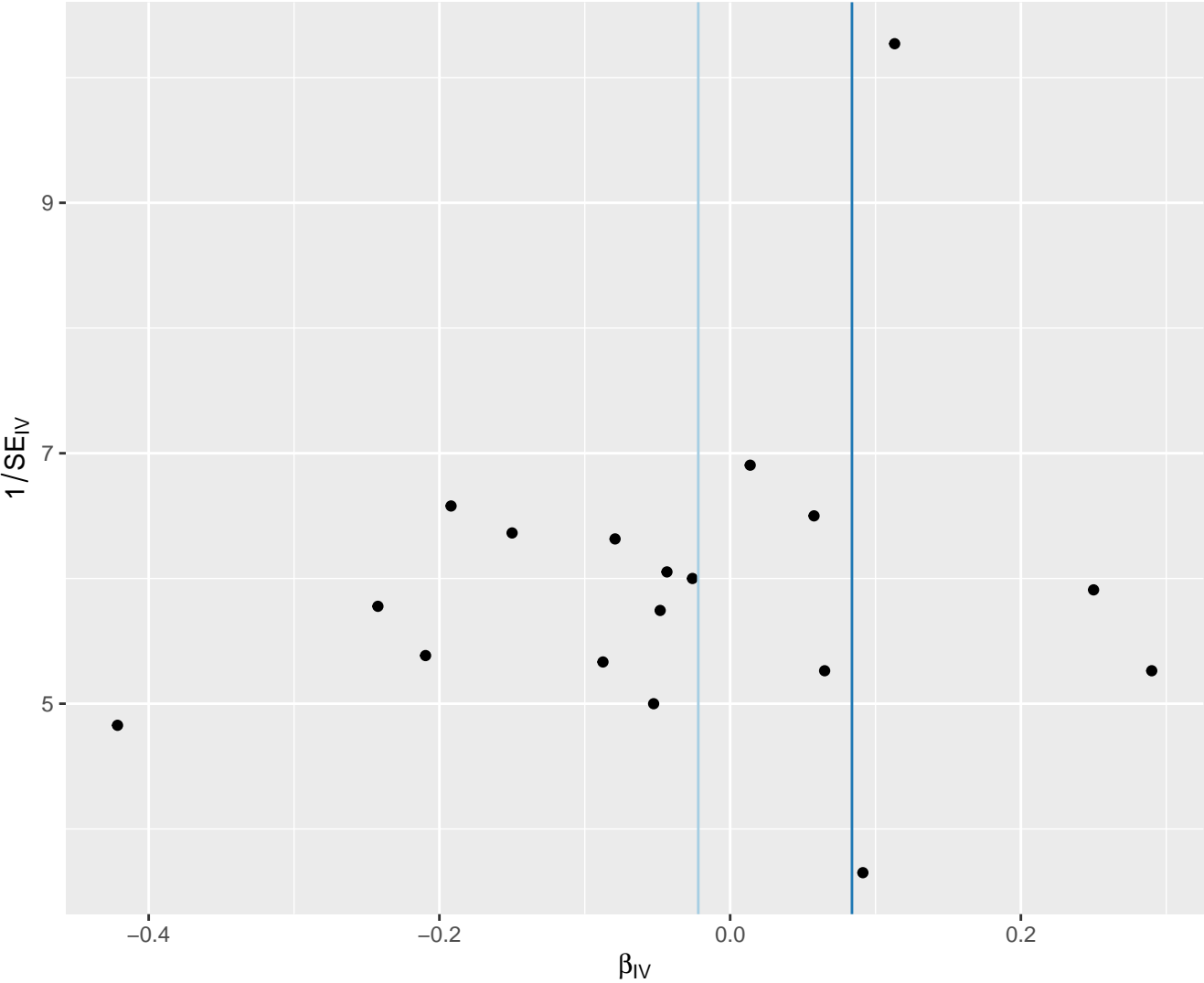
X-14745

MR Method



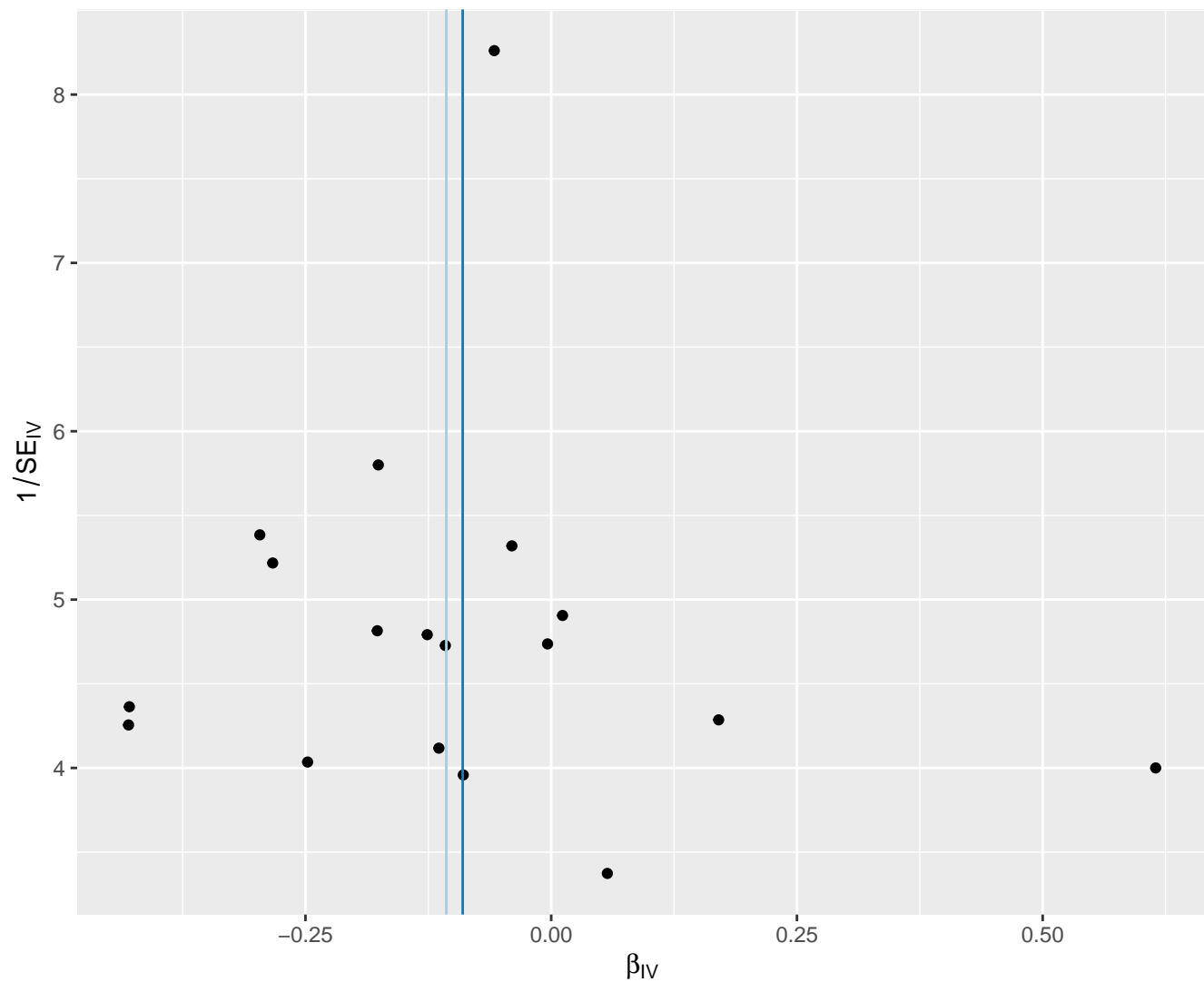
Inverse variance weighted

MR Egger



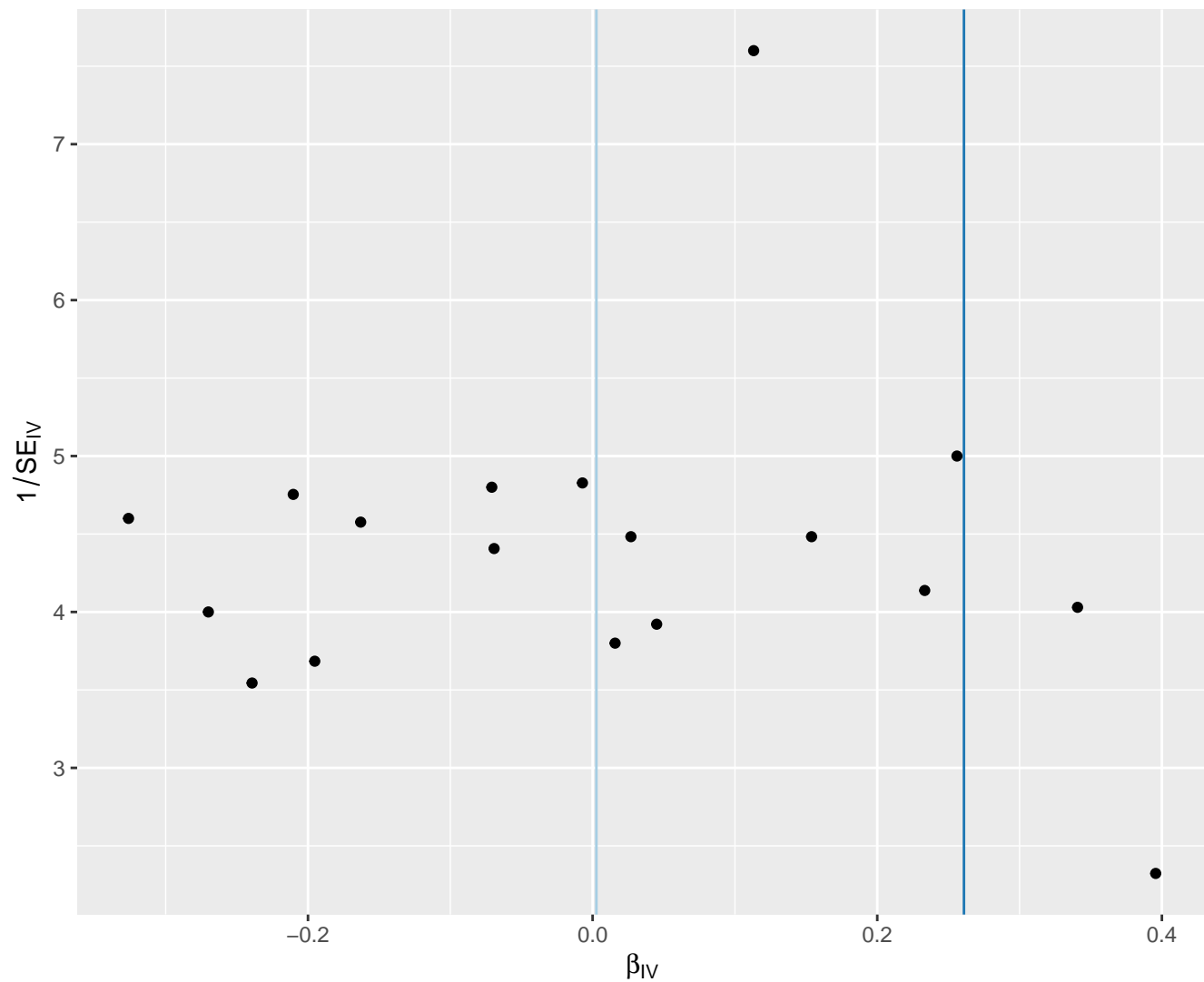
X-14977--vanillin

MR Method



X-18601

MR Method



# Xanthine

## MR Method

