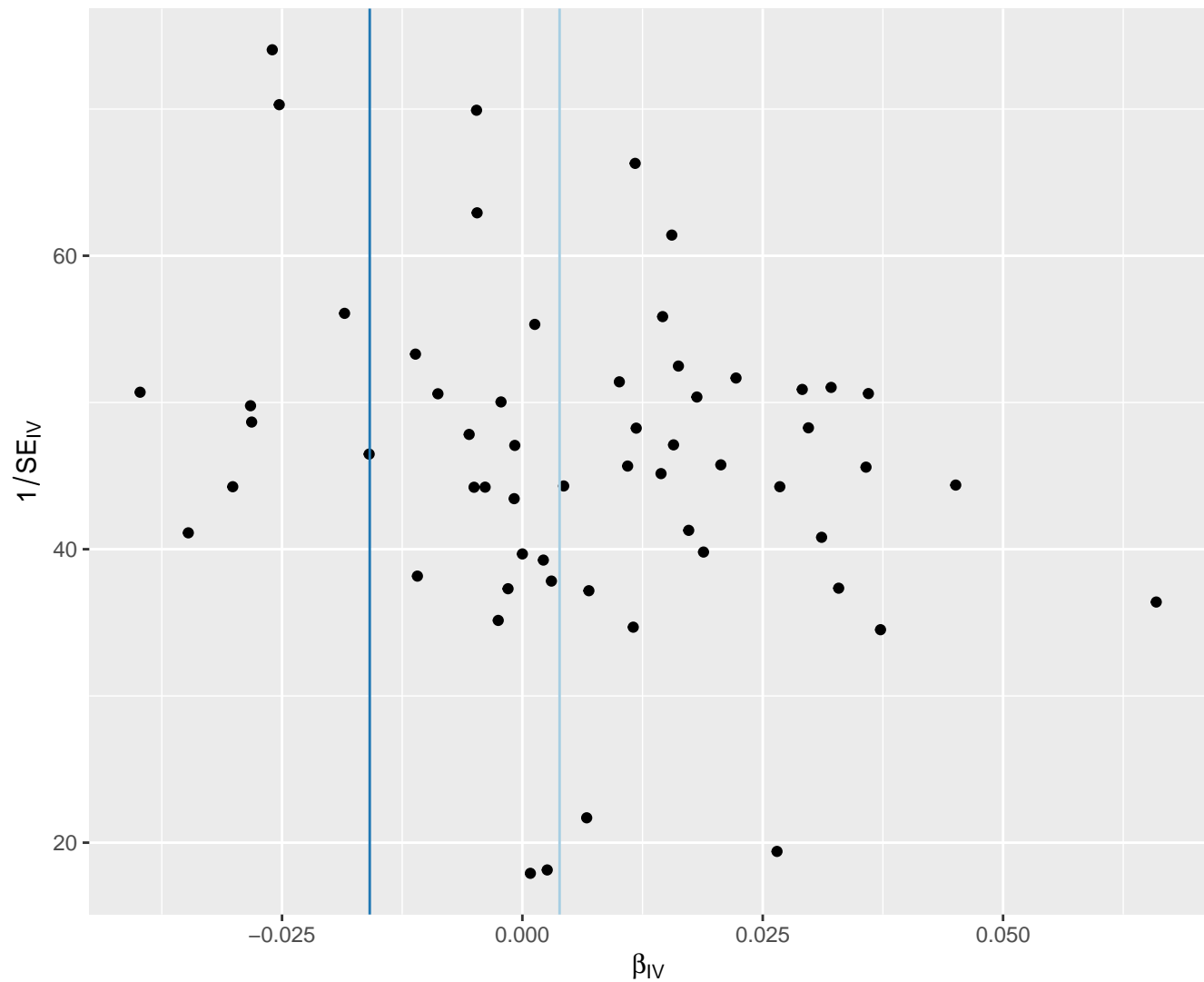
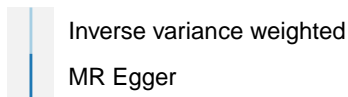


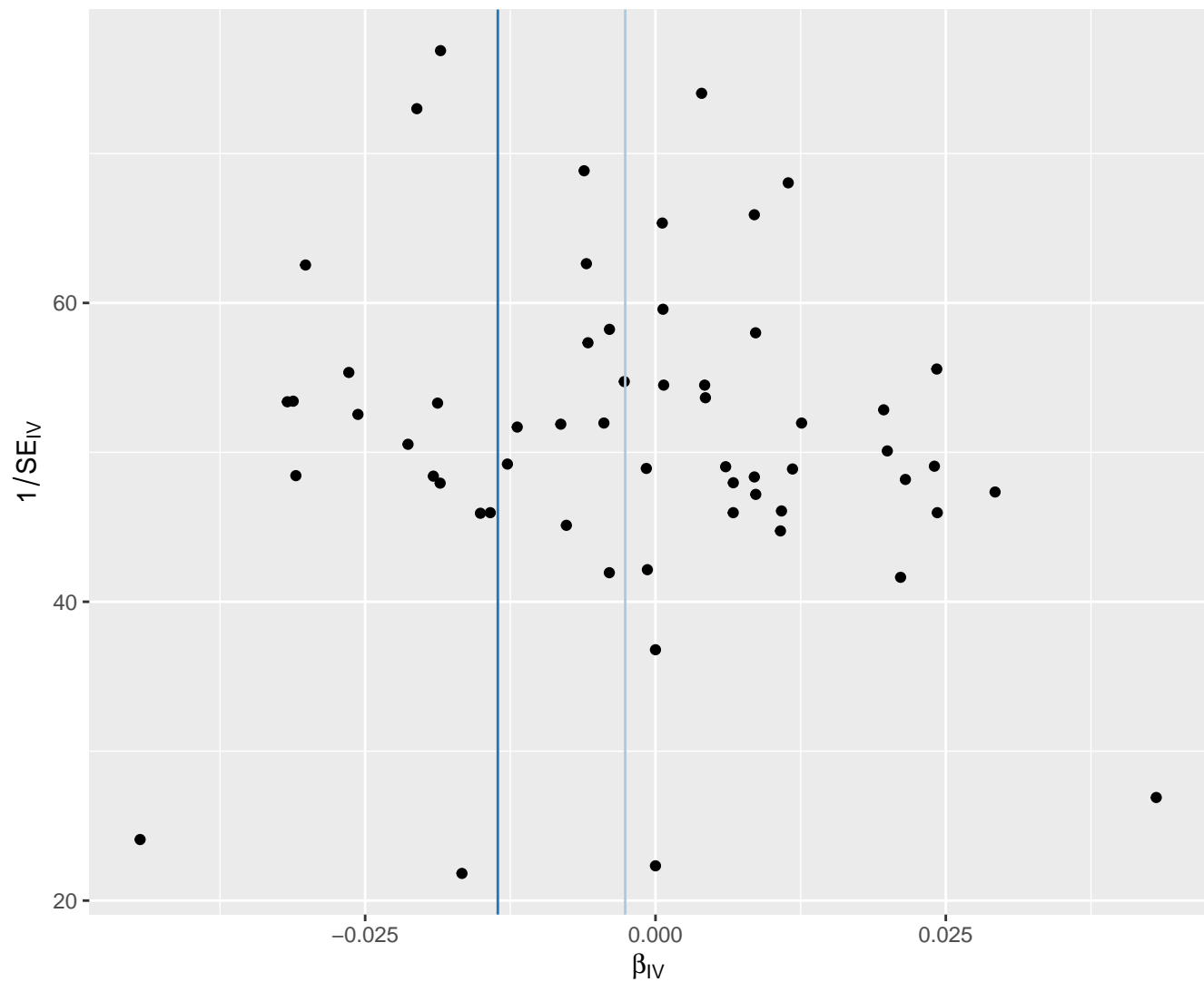
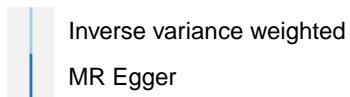
# 1-arachidonoylglycerophosphocholine\*

MR Method



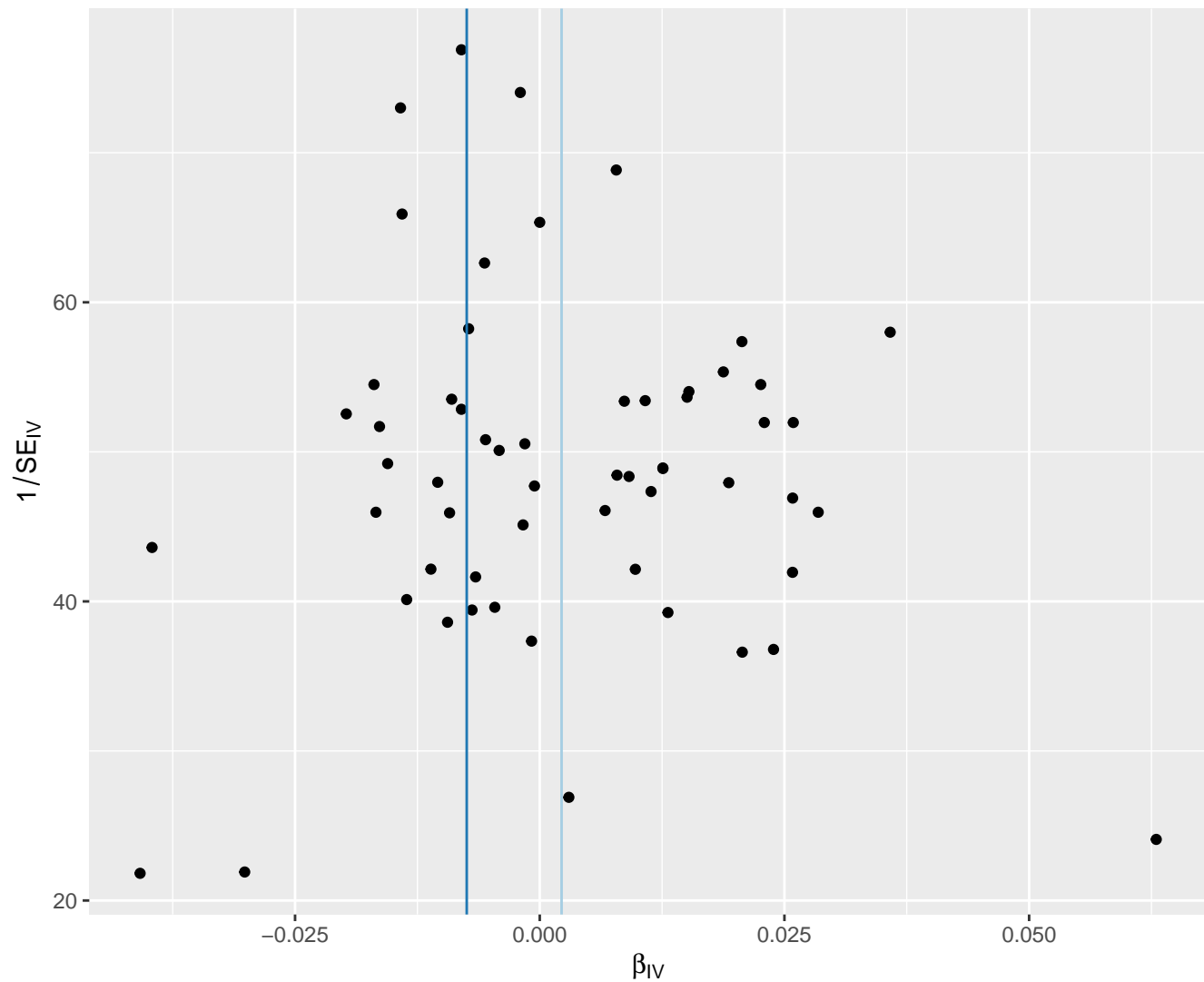
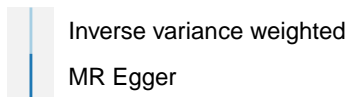
# 1-arachidonoylglycerophosphoethanolamine\*

MR Method



# 1-arachidonoylglycerophosphoinositol\*

MR Method



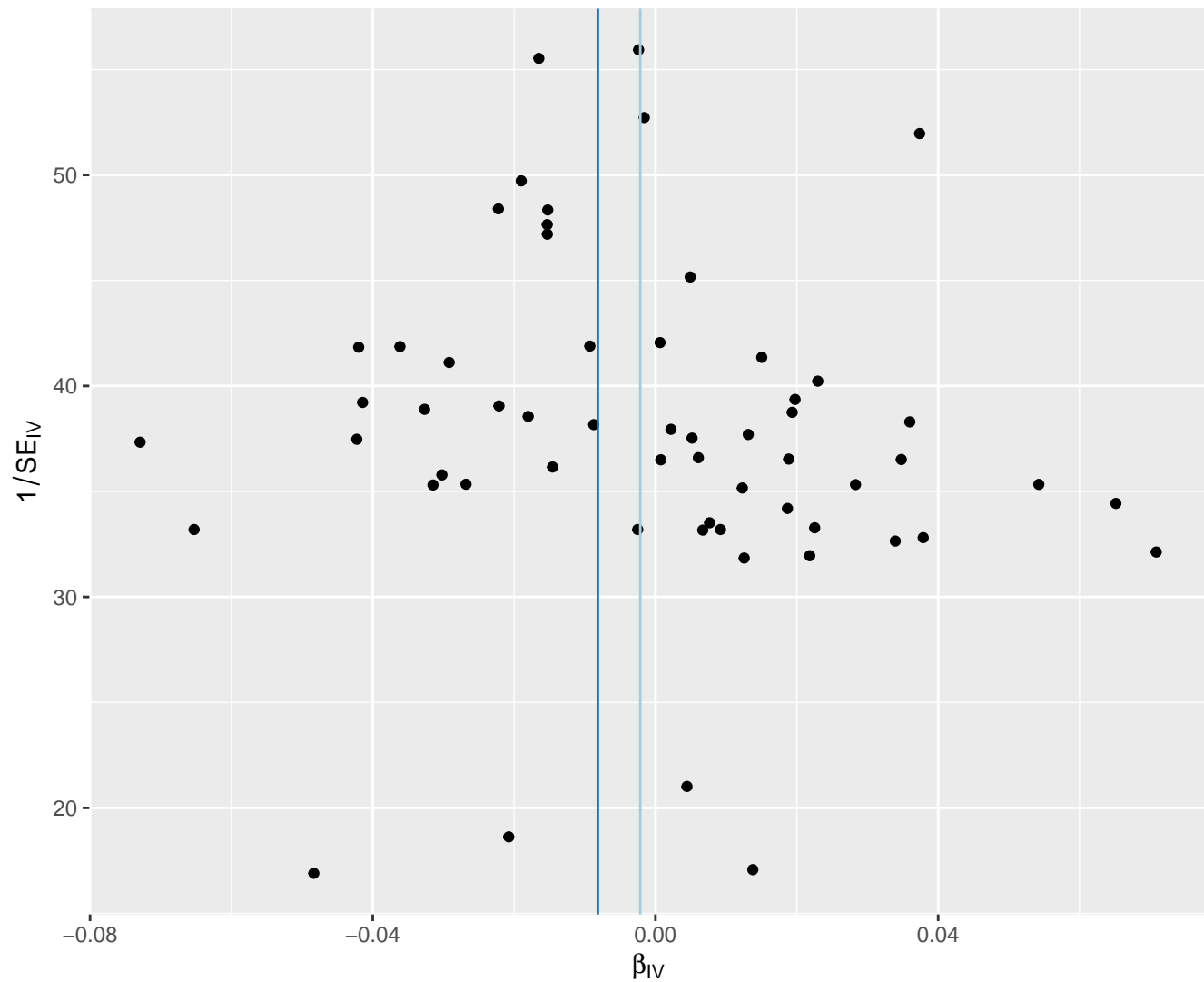
# 1-docosahexaenoylglycerophosphocholine\*

MR Method



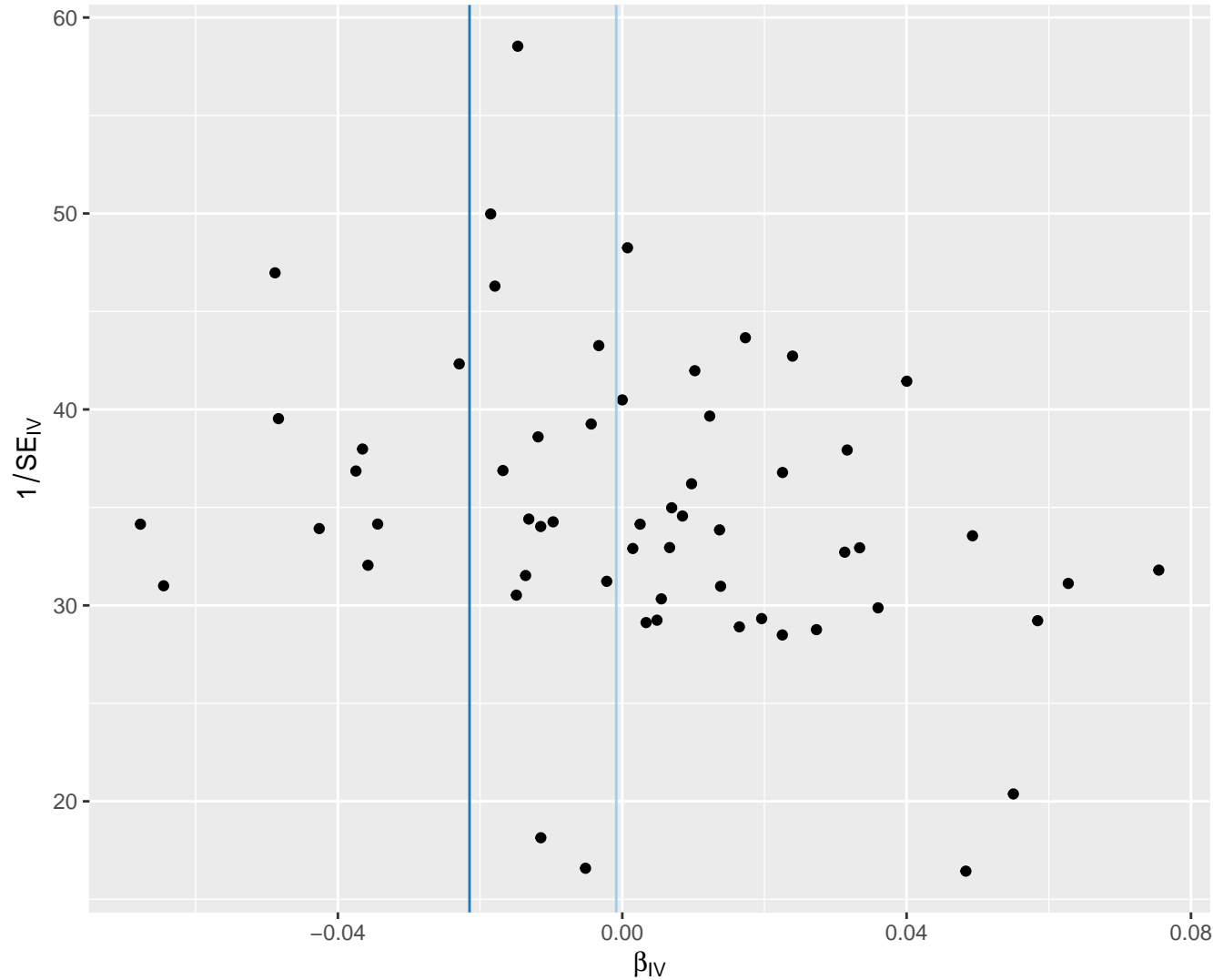
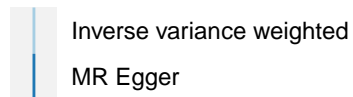
Inverse variance weighted

MR Egger



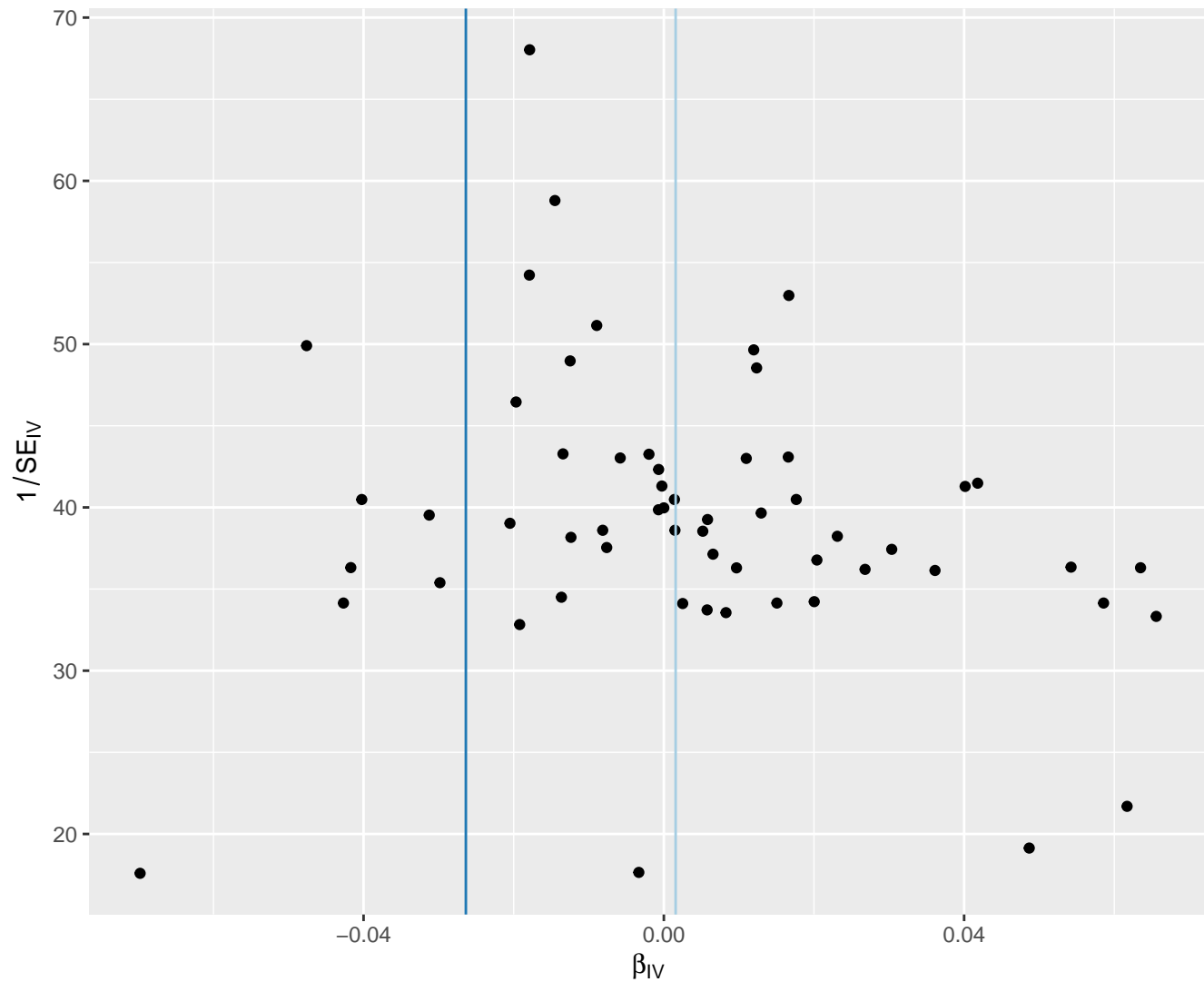
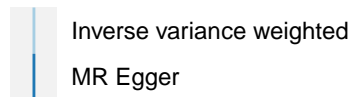
# 1-eicosadienoylglycerophosphocholine\*

MR Method

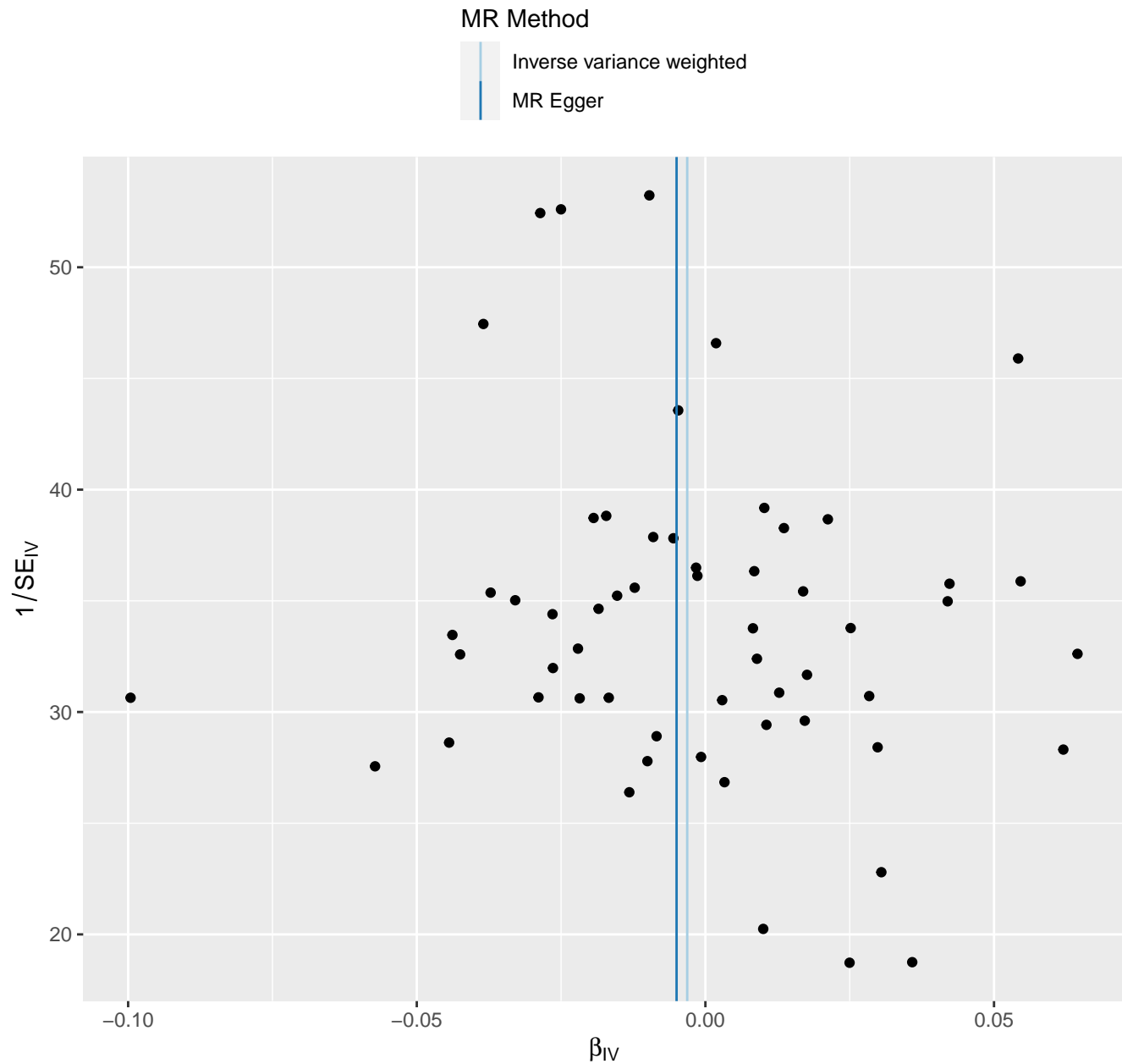


# 1-eicosatrienoylglycerophosphocholine\*

MR Method

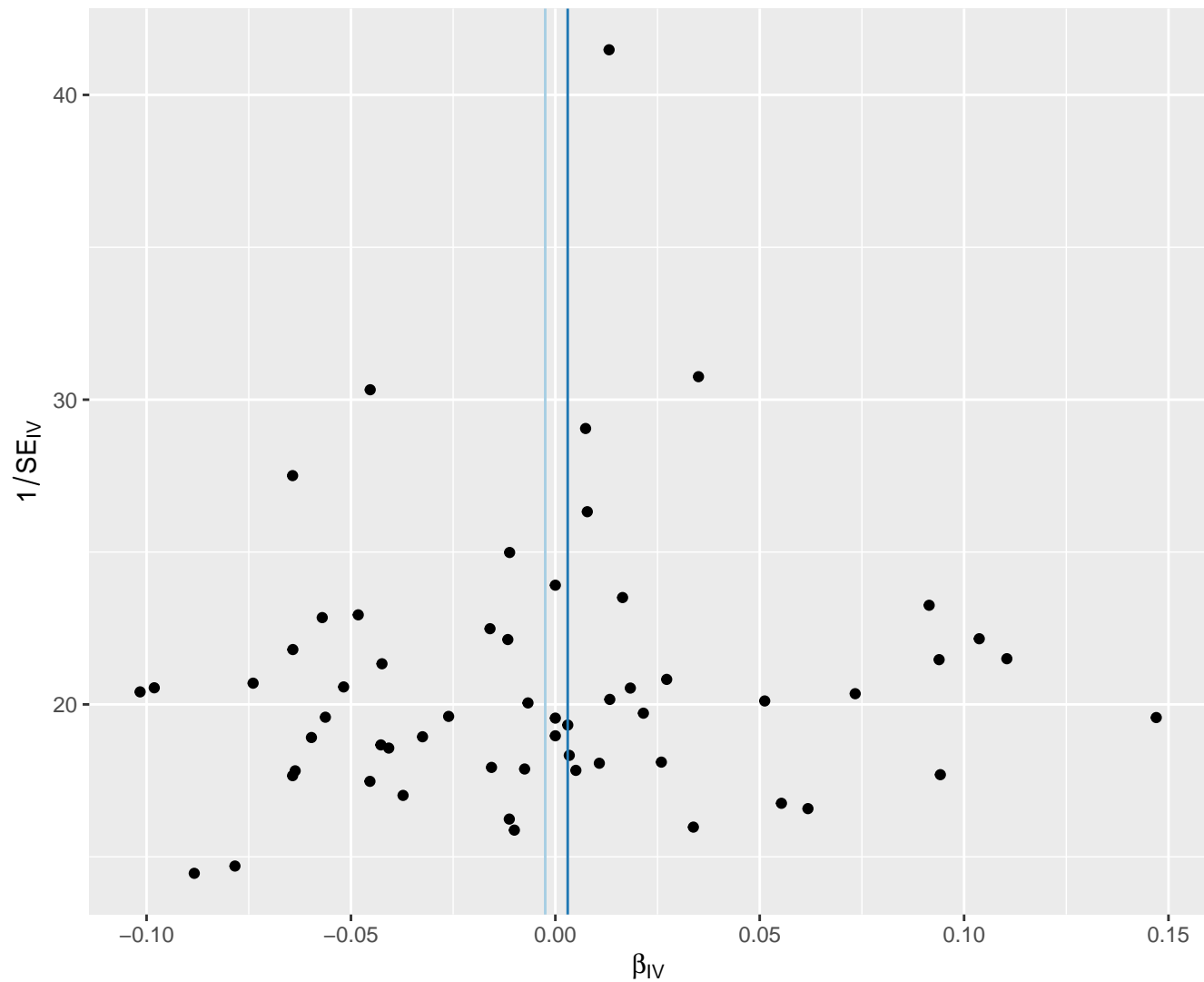


# 1-heptadecanoylglycerophosphocholine



# 1-linoleoylglycerol (1-monolinolein)

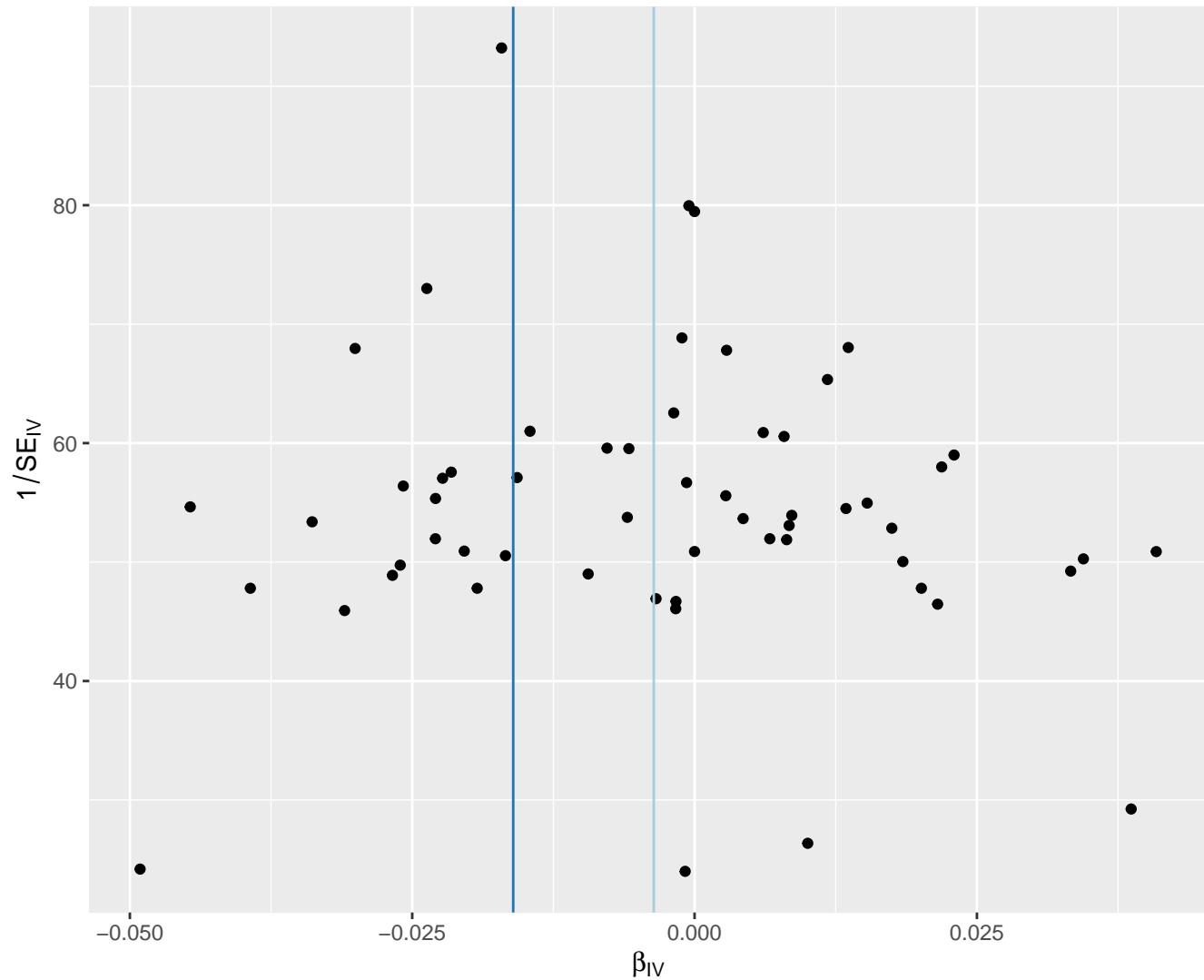
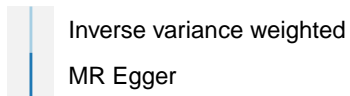
MR Method



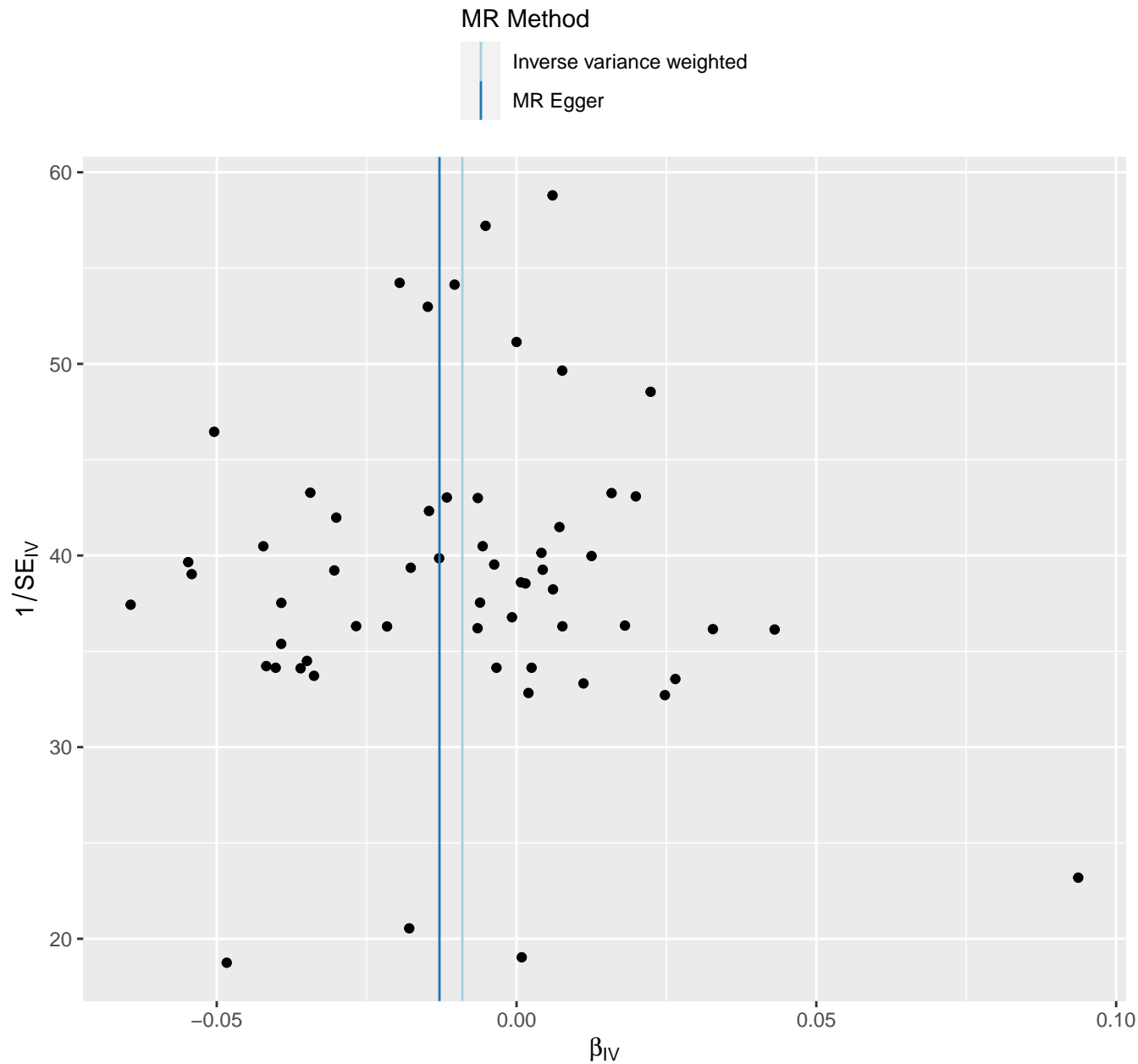


# 1-linoleoylglycerophosphocholine

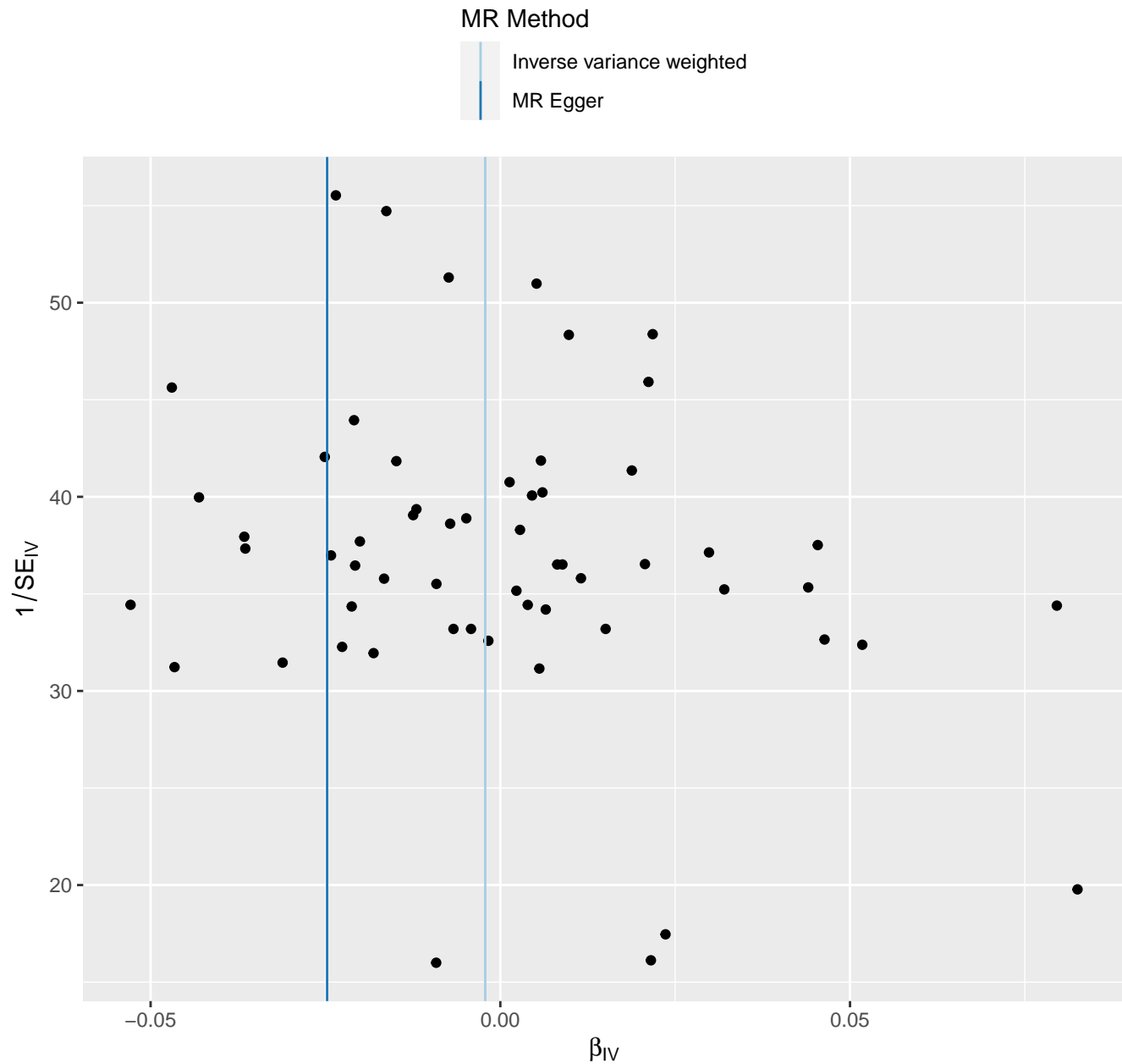
MR Method



# 1-linoleoylglycerophosphoethanolamine\*



# 1-myristoylglycerophosphocholine



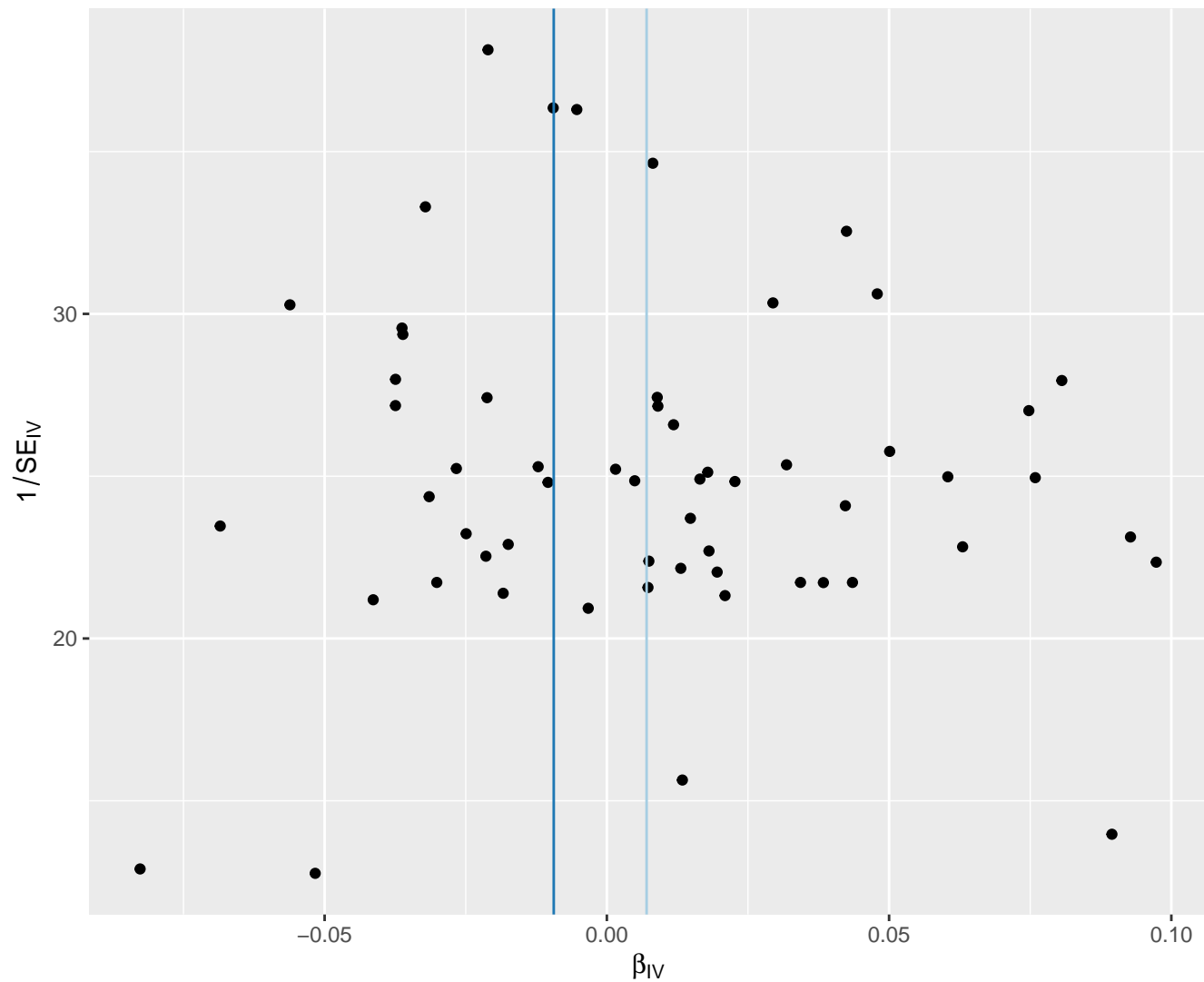
# 1-oleoylglycerol (1-monoolein)

MR Method



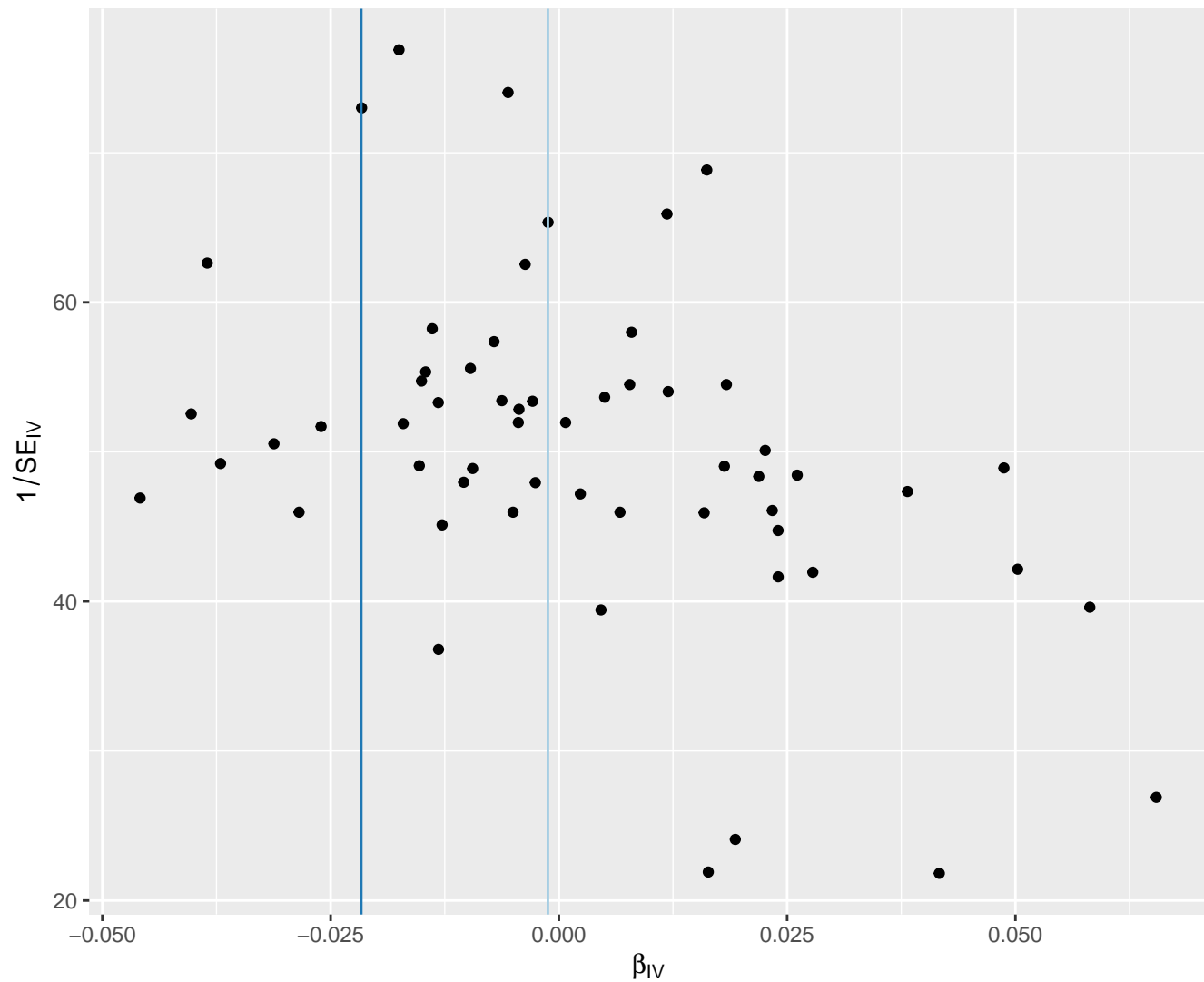
Inverse variance weighted

MR Egger



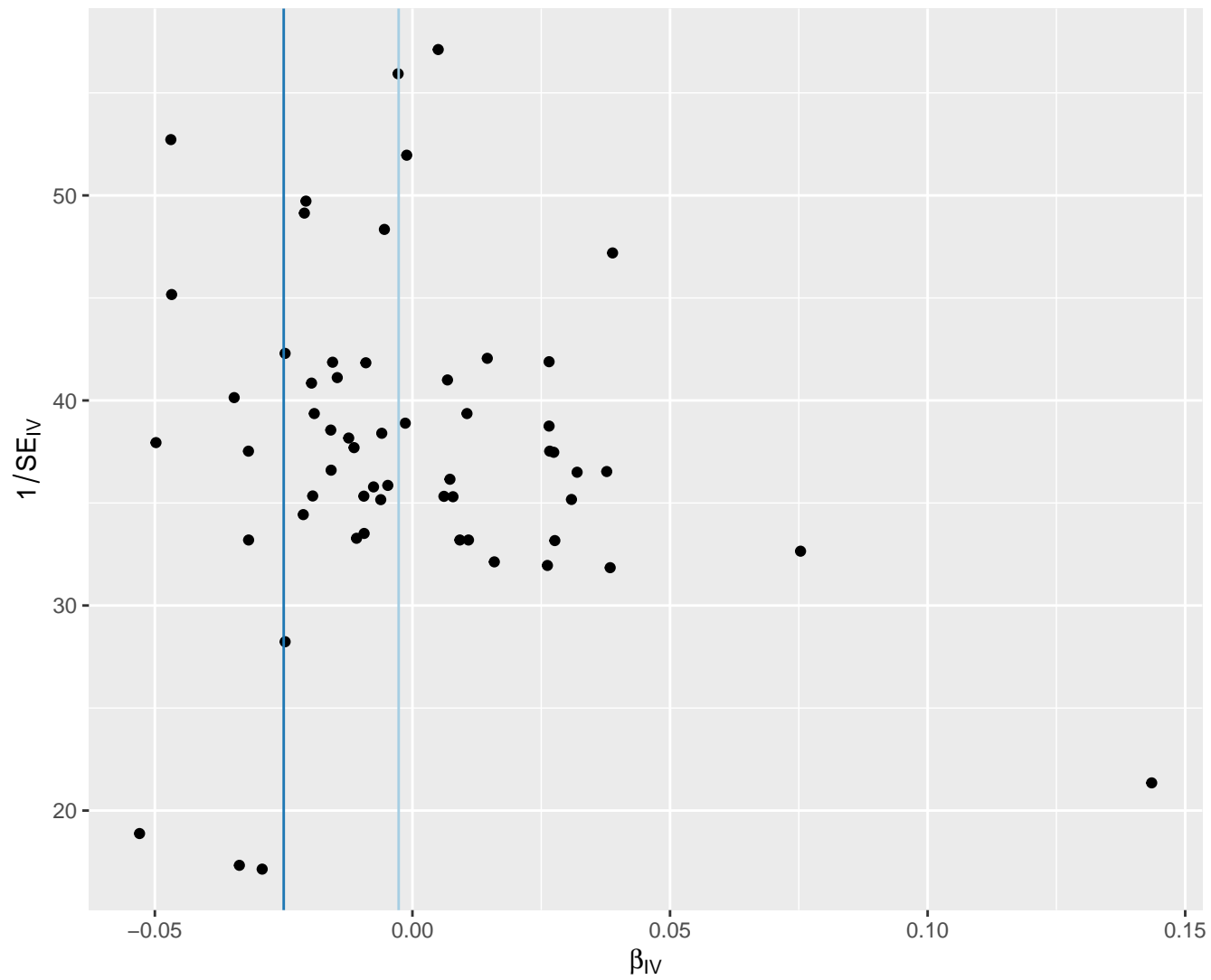
# 1-oleoylglycerophosphocholine

MR Method

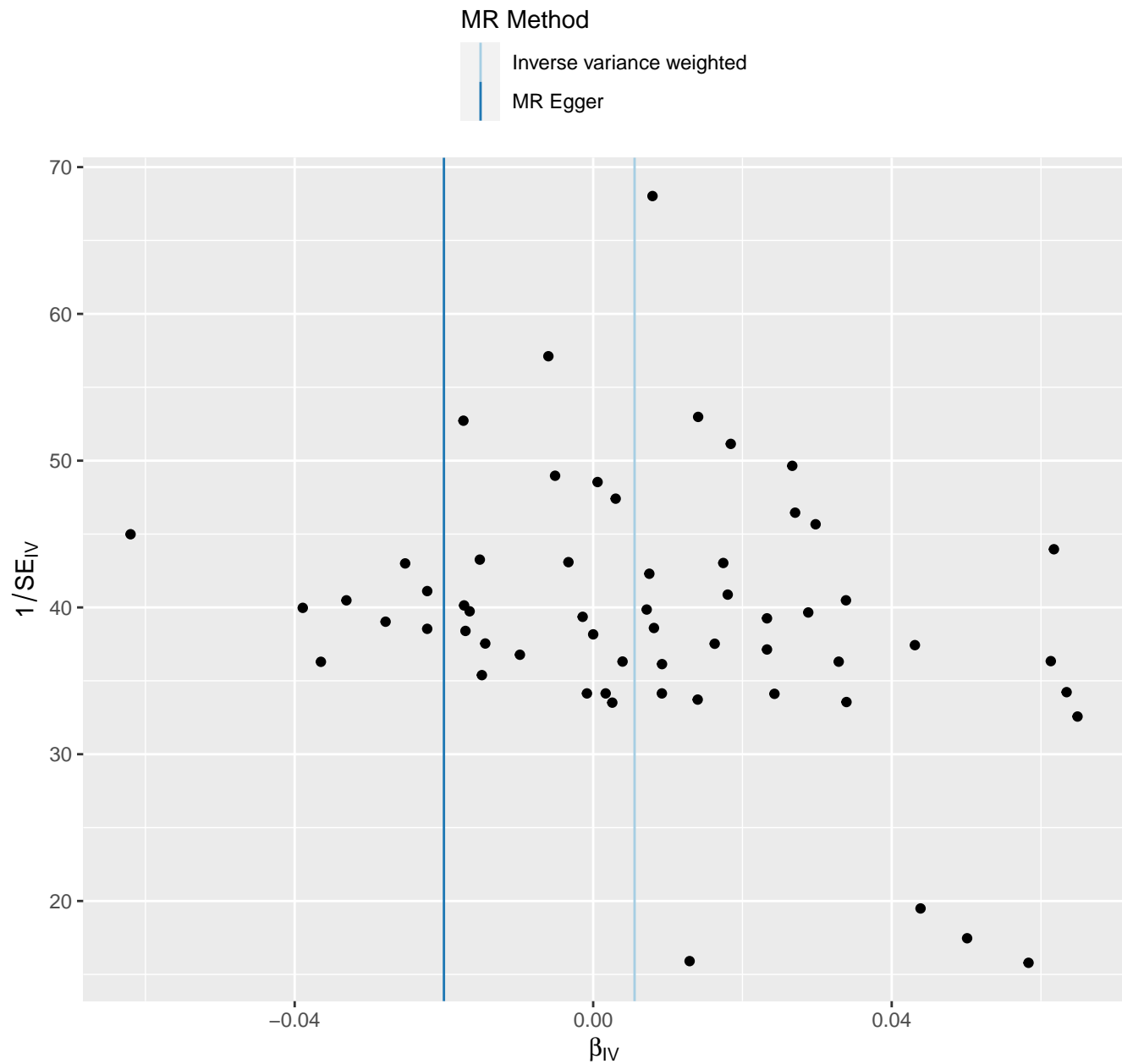


# 1-oleoylglycerophosphoethanolamine

MR Method



# 1-palmitoleoylglycerophosphocholine\*

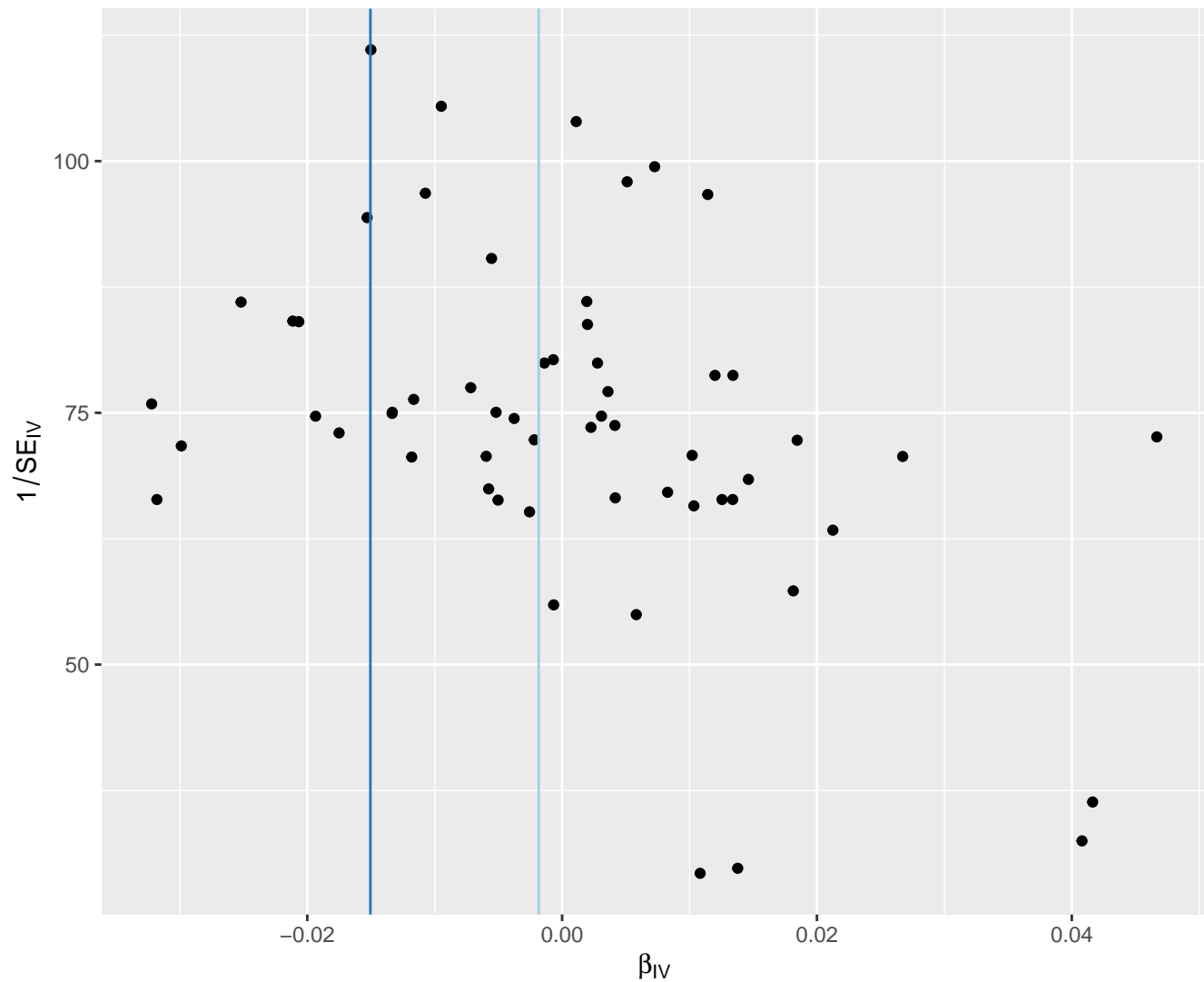
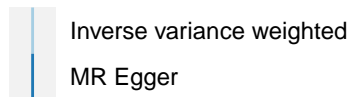






# 1-palmitoylglycerophosphocholine

MR Method

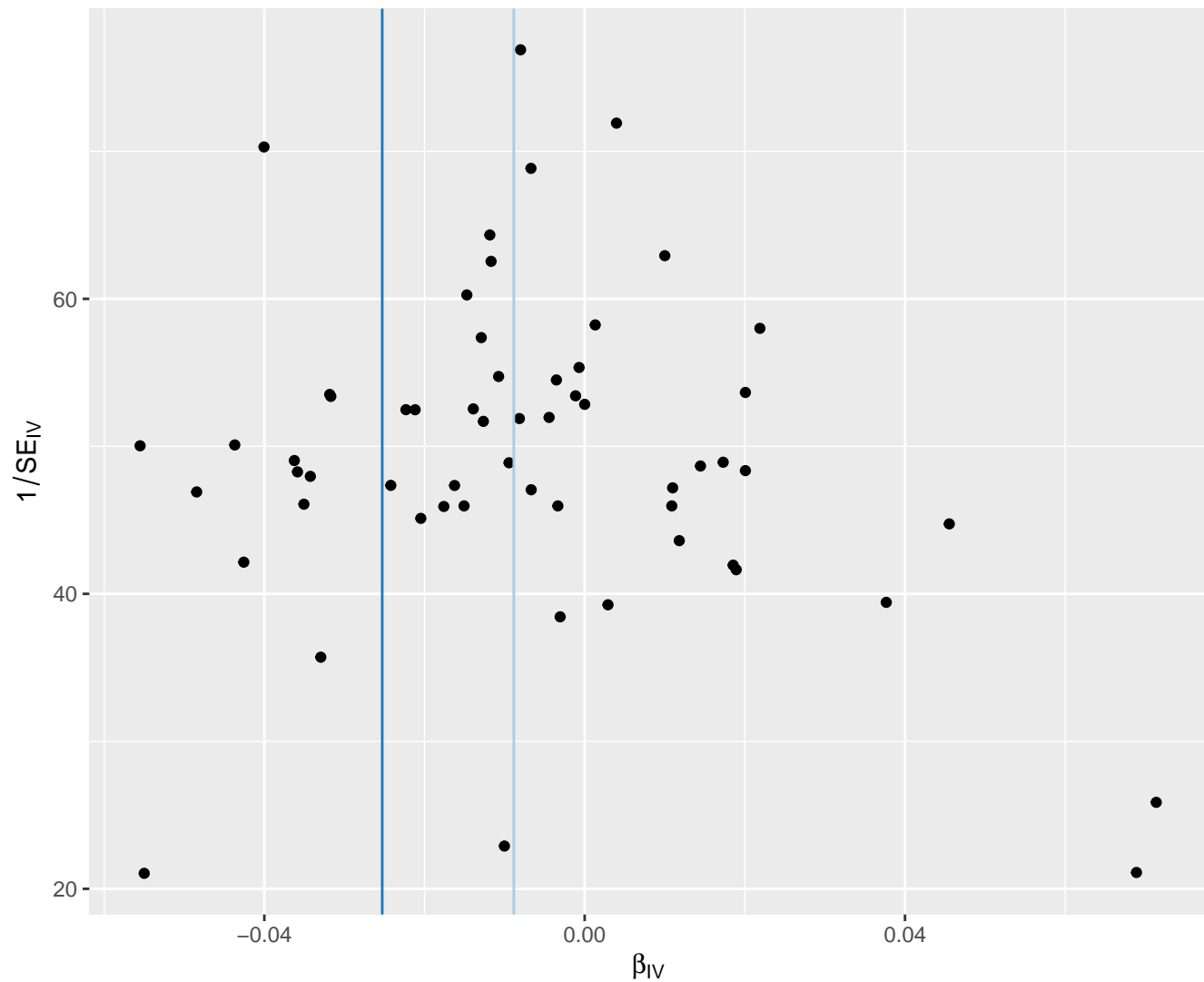


## 1-palmitoylglycerophosphoethanolamine

## MR Method

Inverse variance weighted

MR Egger



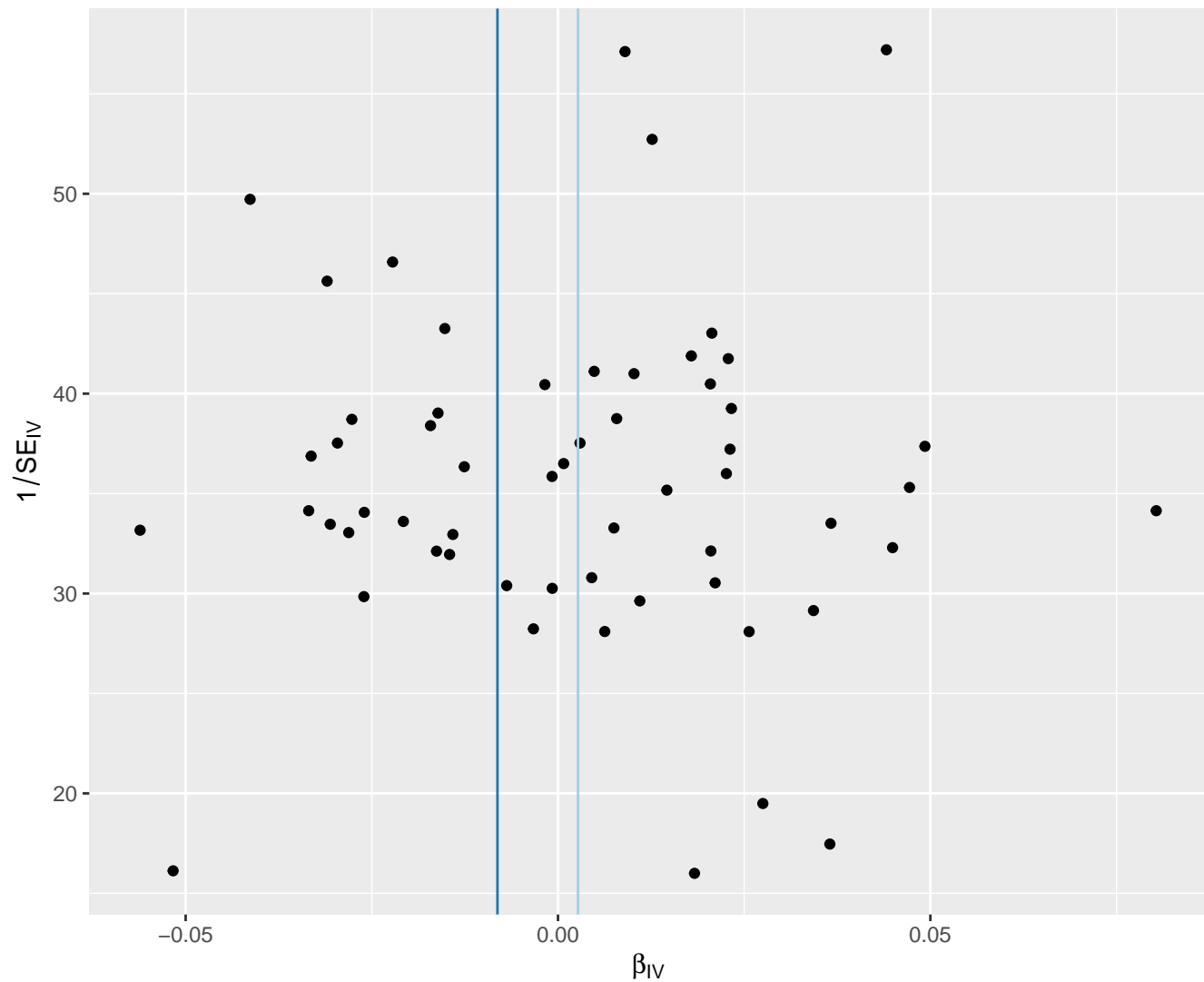
# 1-palmitoylglycerophosphoinositol\*

MR Method



Inverse variance weighted

MR Egger

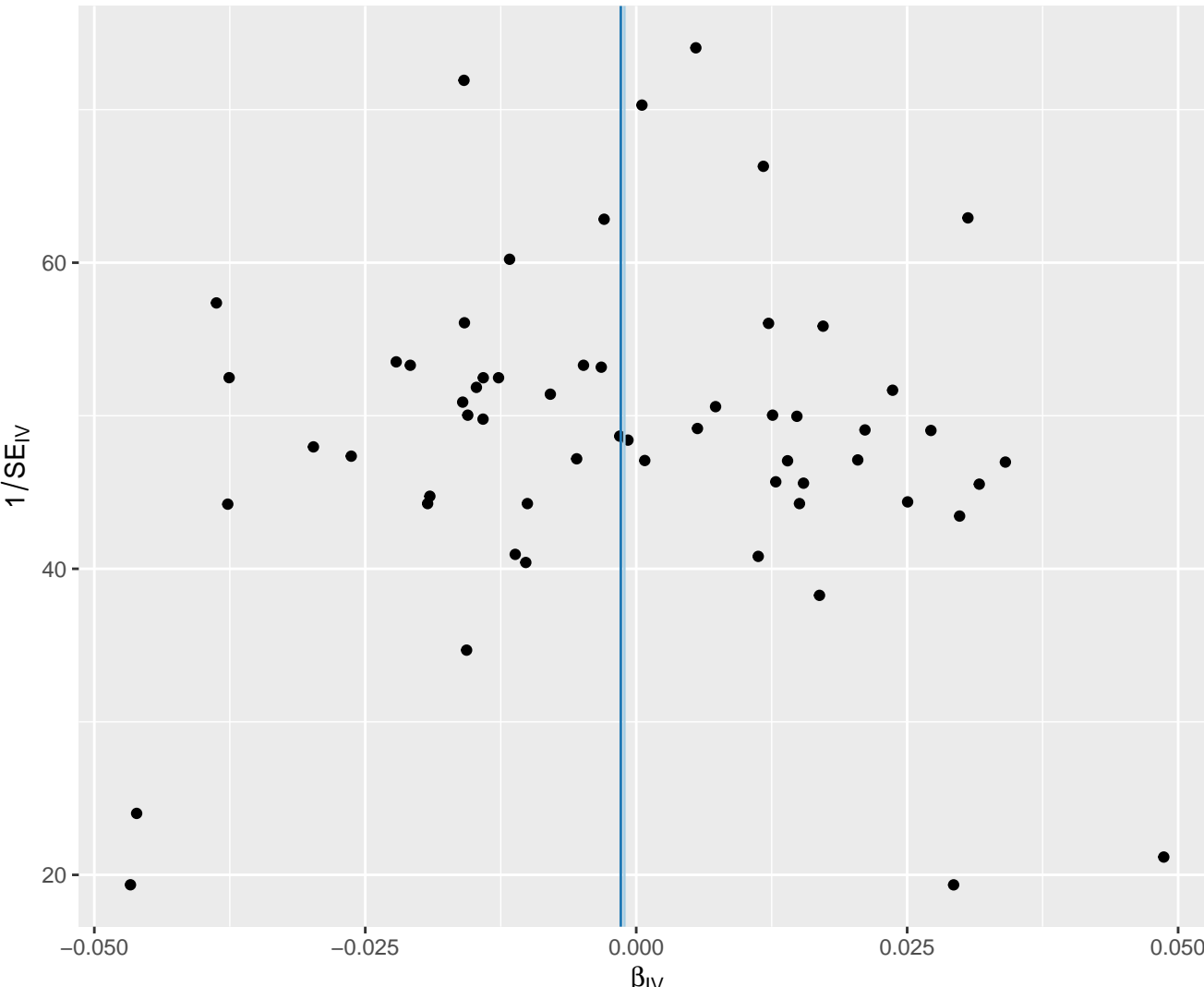


1-stearoylglycerol (1-monostearin)

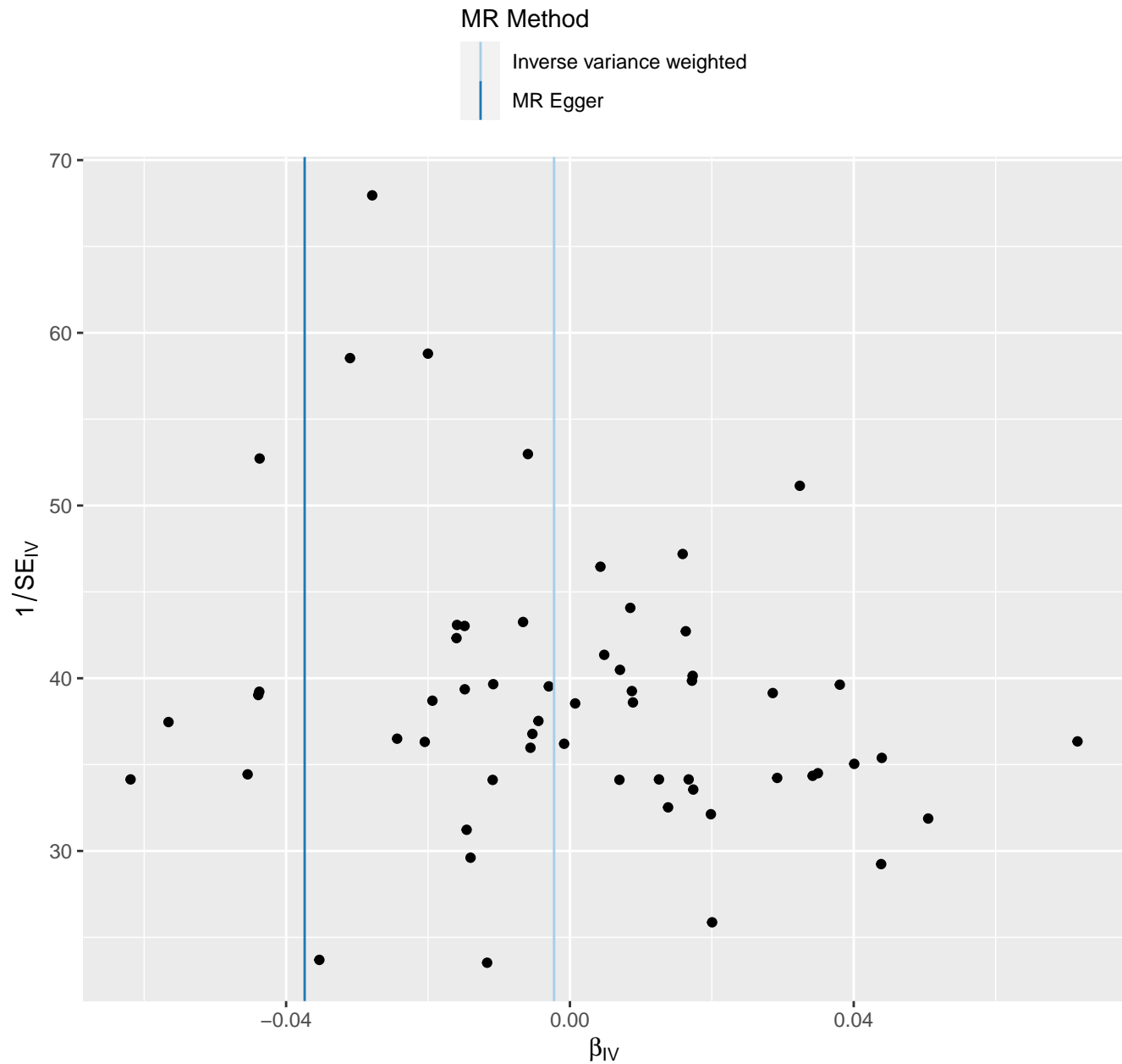
## MR Method

## Inverse variance weighted

MR Egger

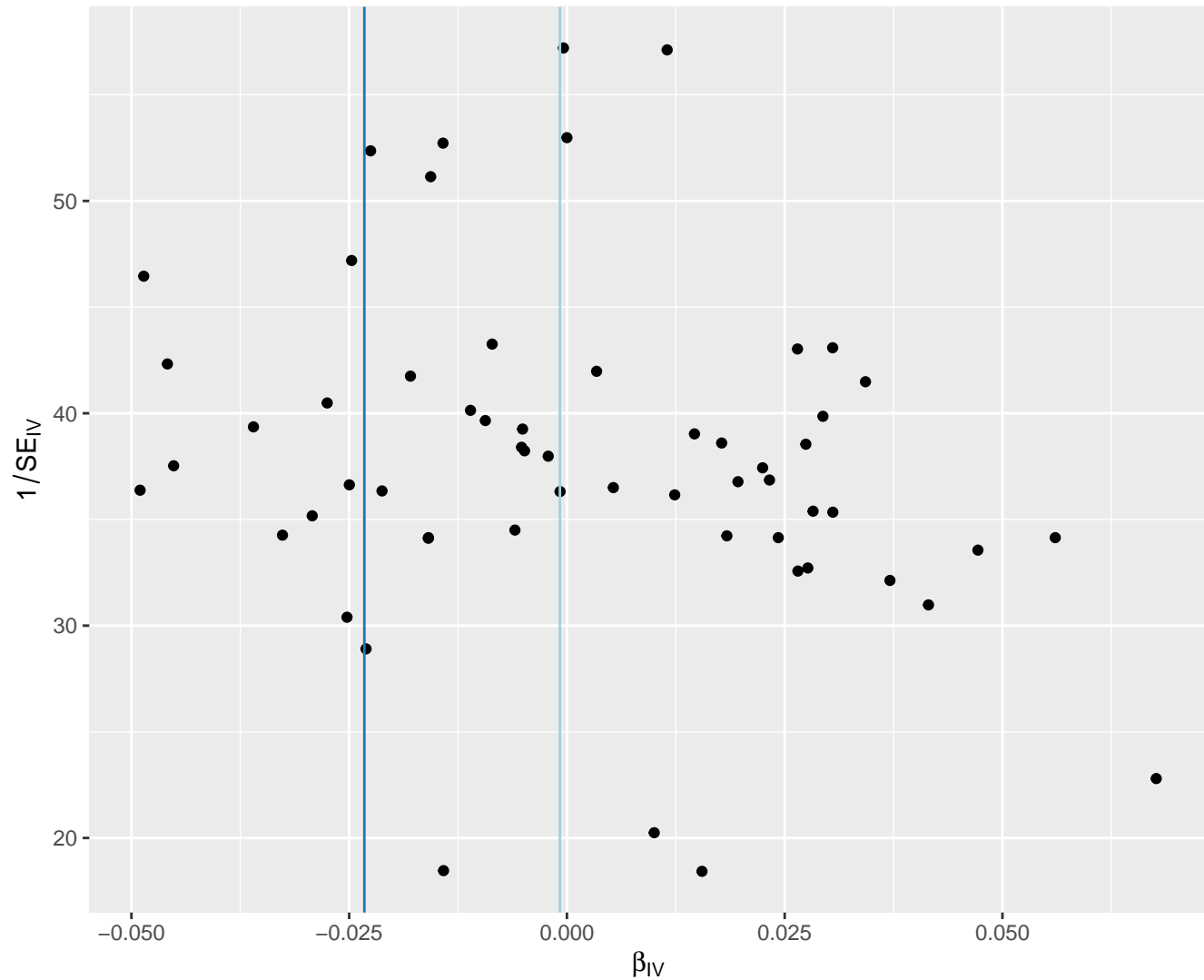


# 1-stearoylglycerophosphocholine



# 1-stearoylglycerophosphoethanolamine

MR Method



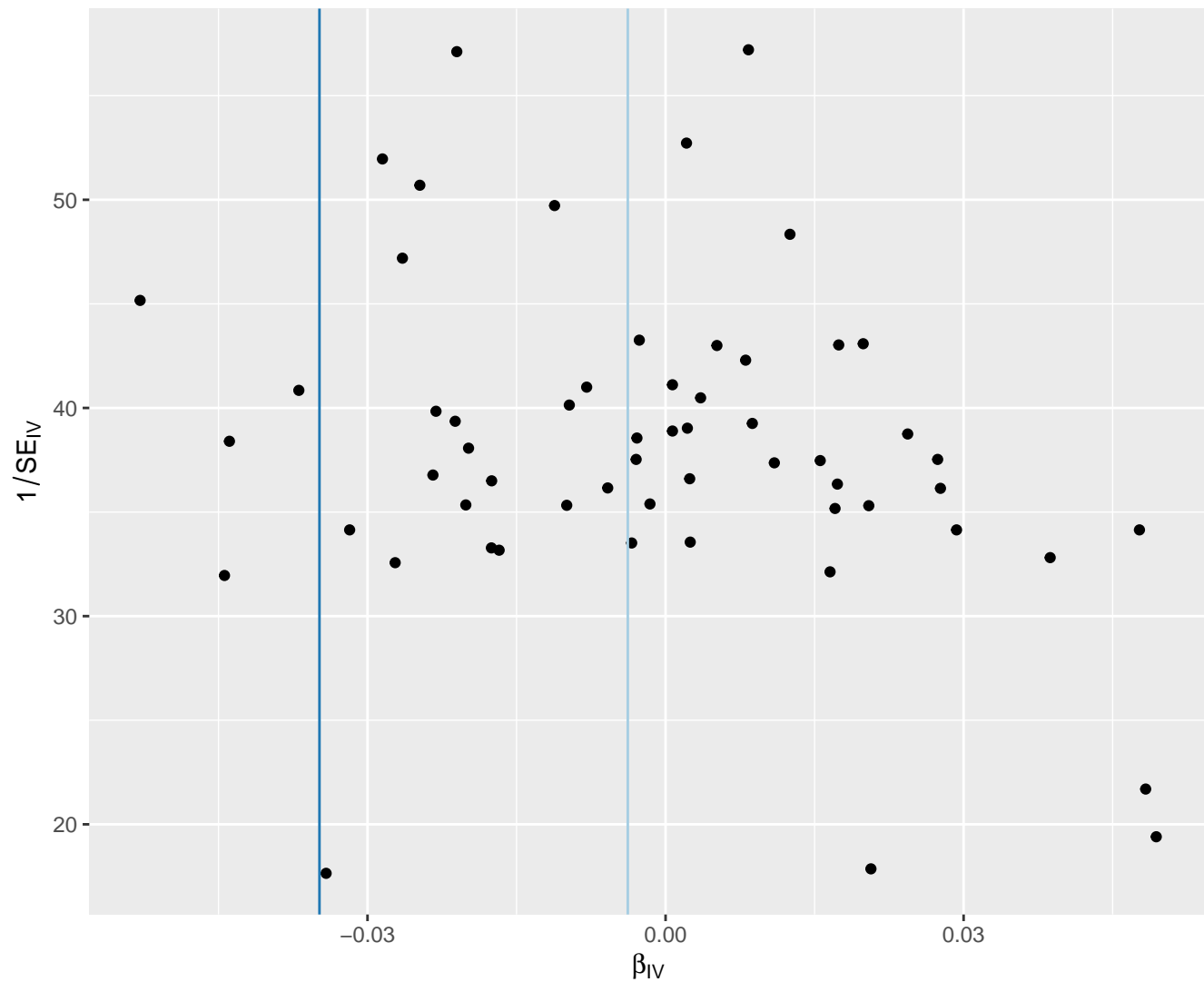
# 1-stearoylglycerophosphoinositol

MR Method



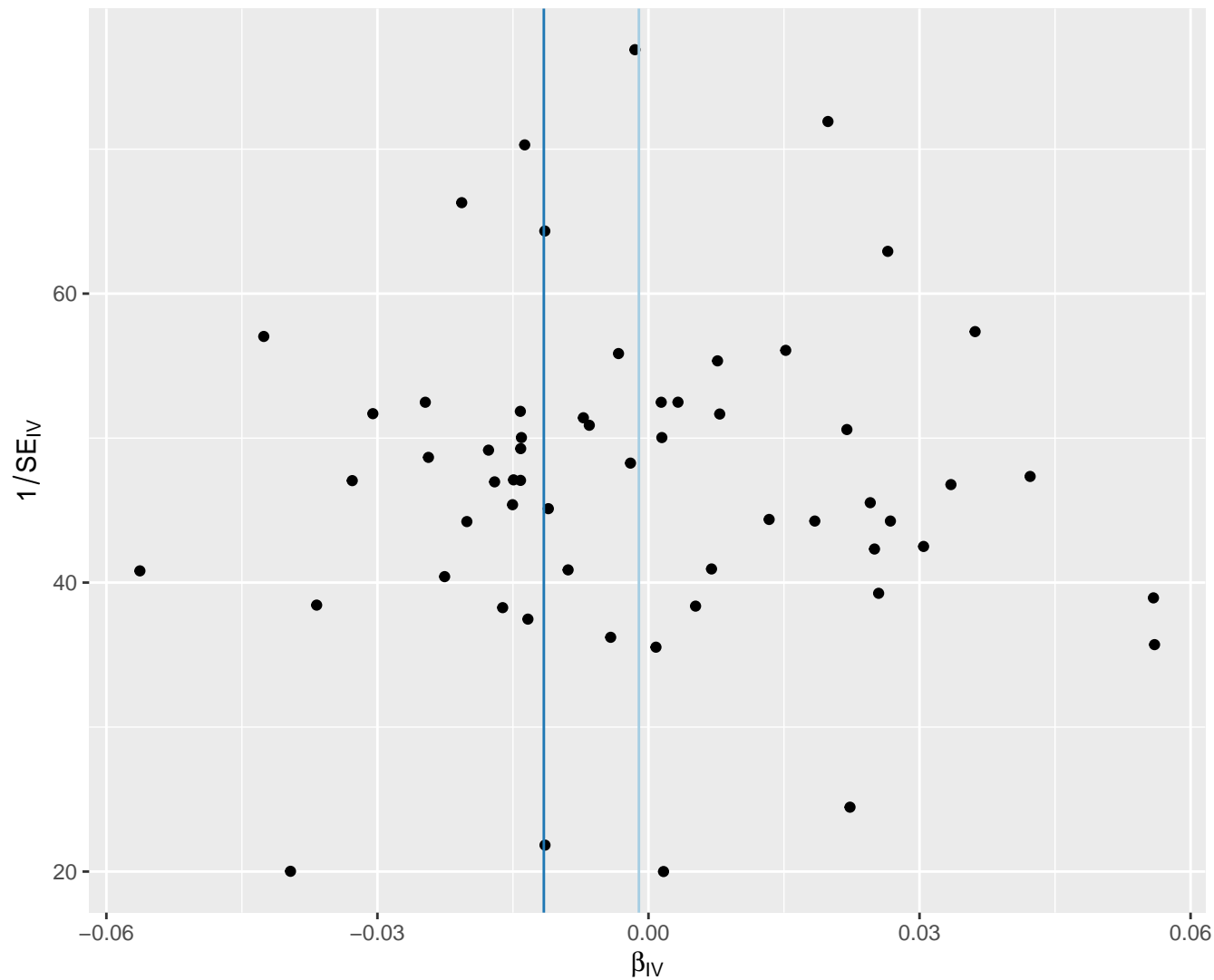
Inverse variance weighted

MR Egger



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

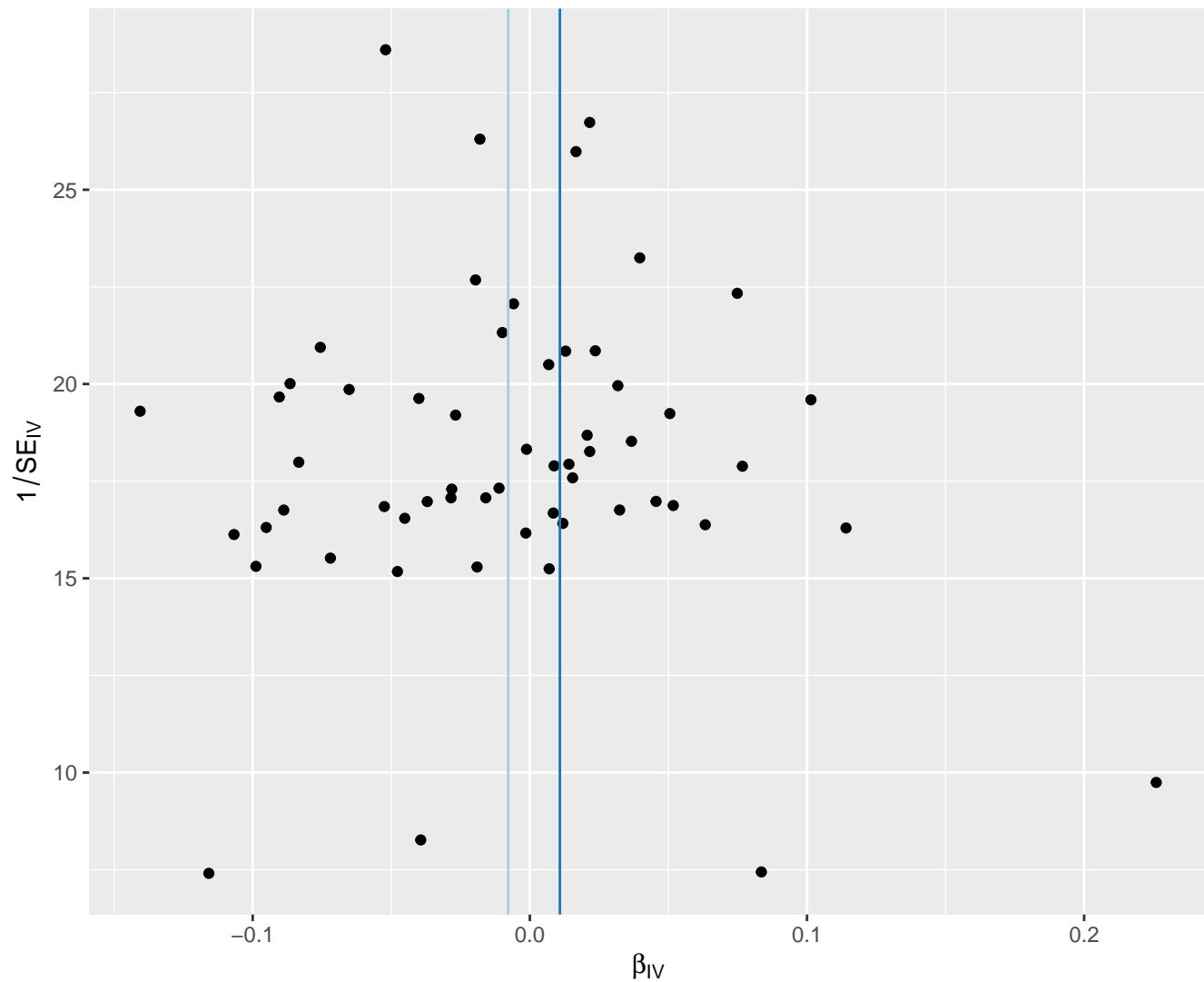
MR Method





# 1,6-anhydroglucose

MR Method



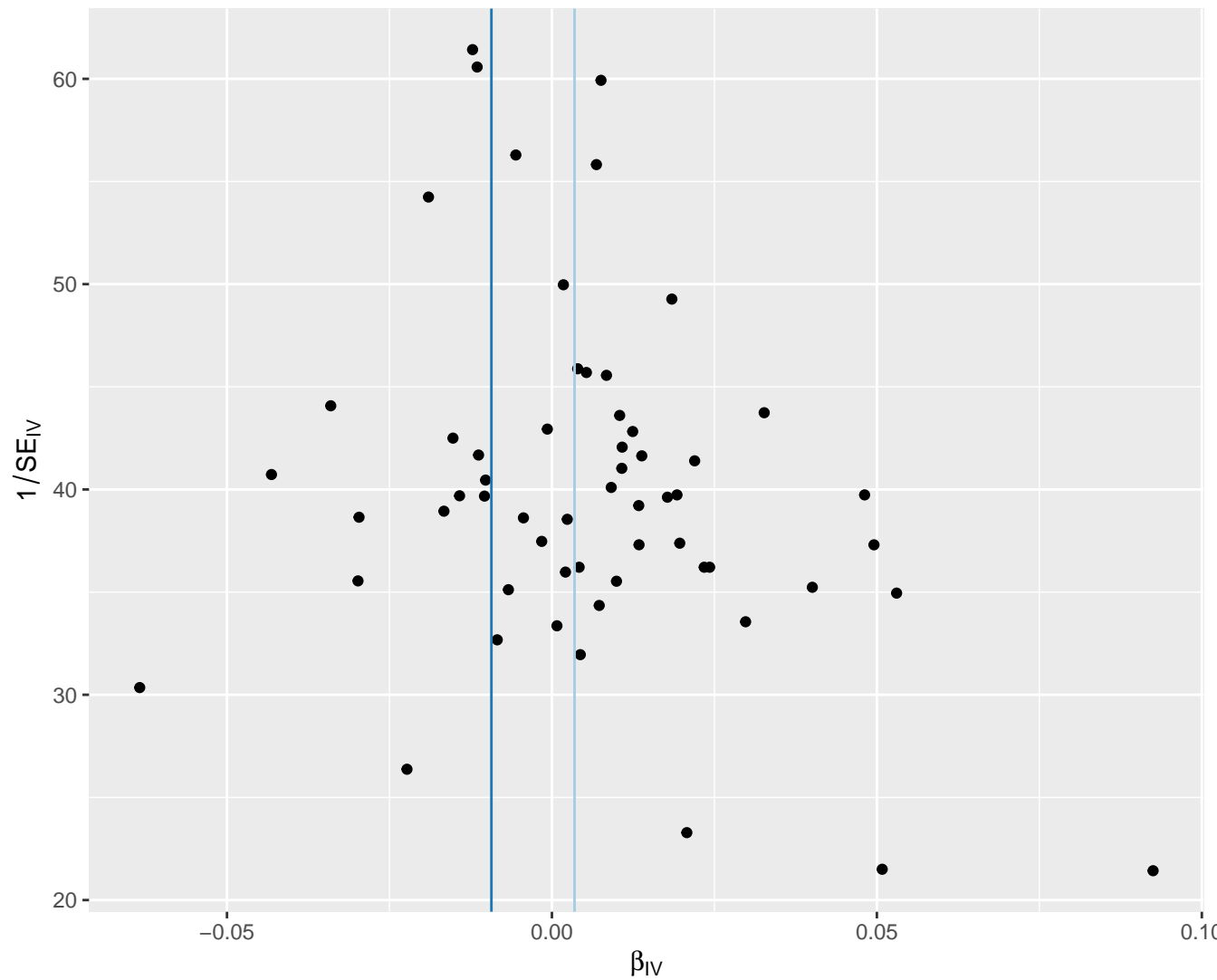
# 10-heptadecenoate (17:1n7)

MR Method

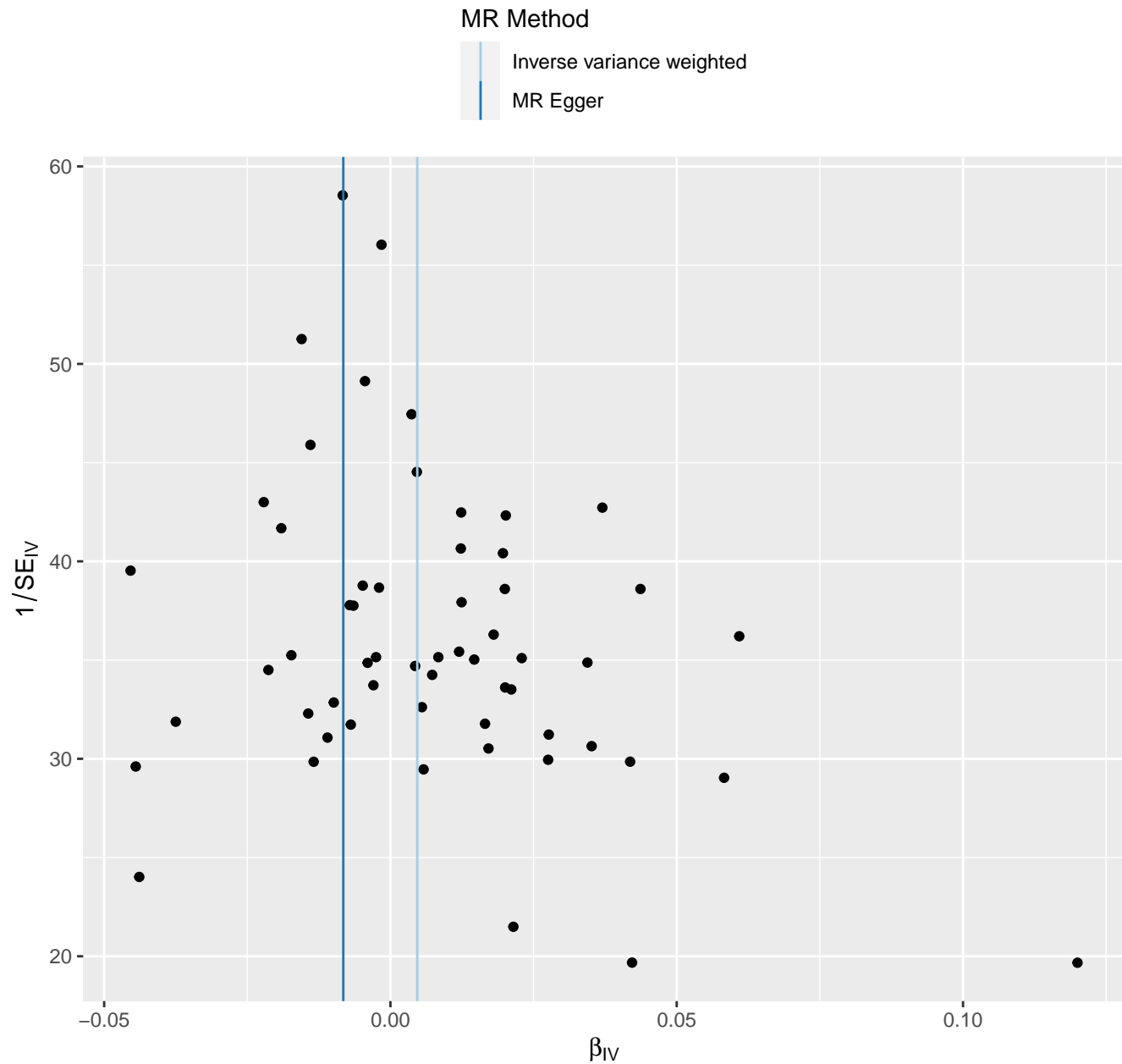


Inverse variance weighted

MR Egger

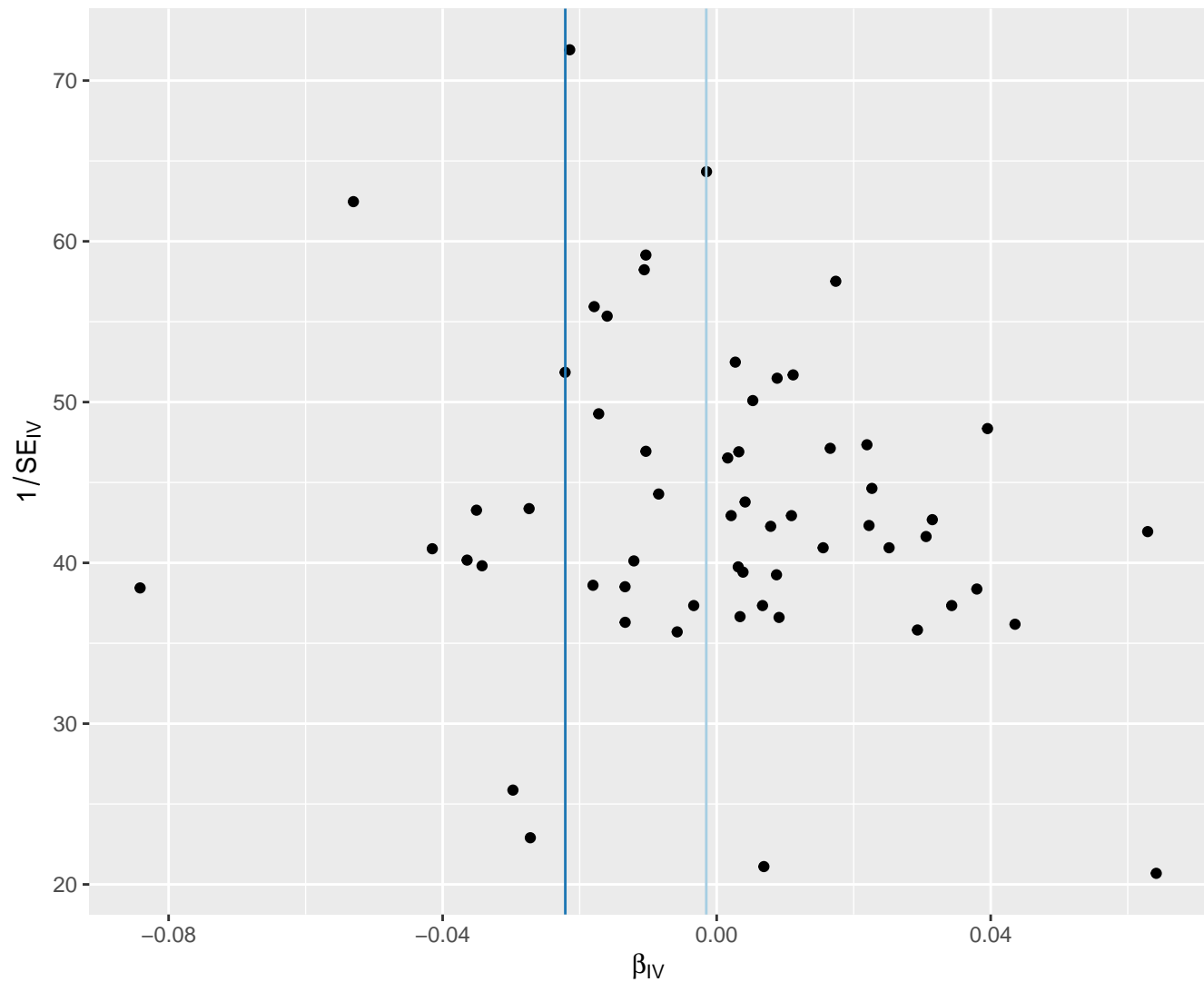


# 10-nonadecenoate (19:1n9)

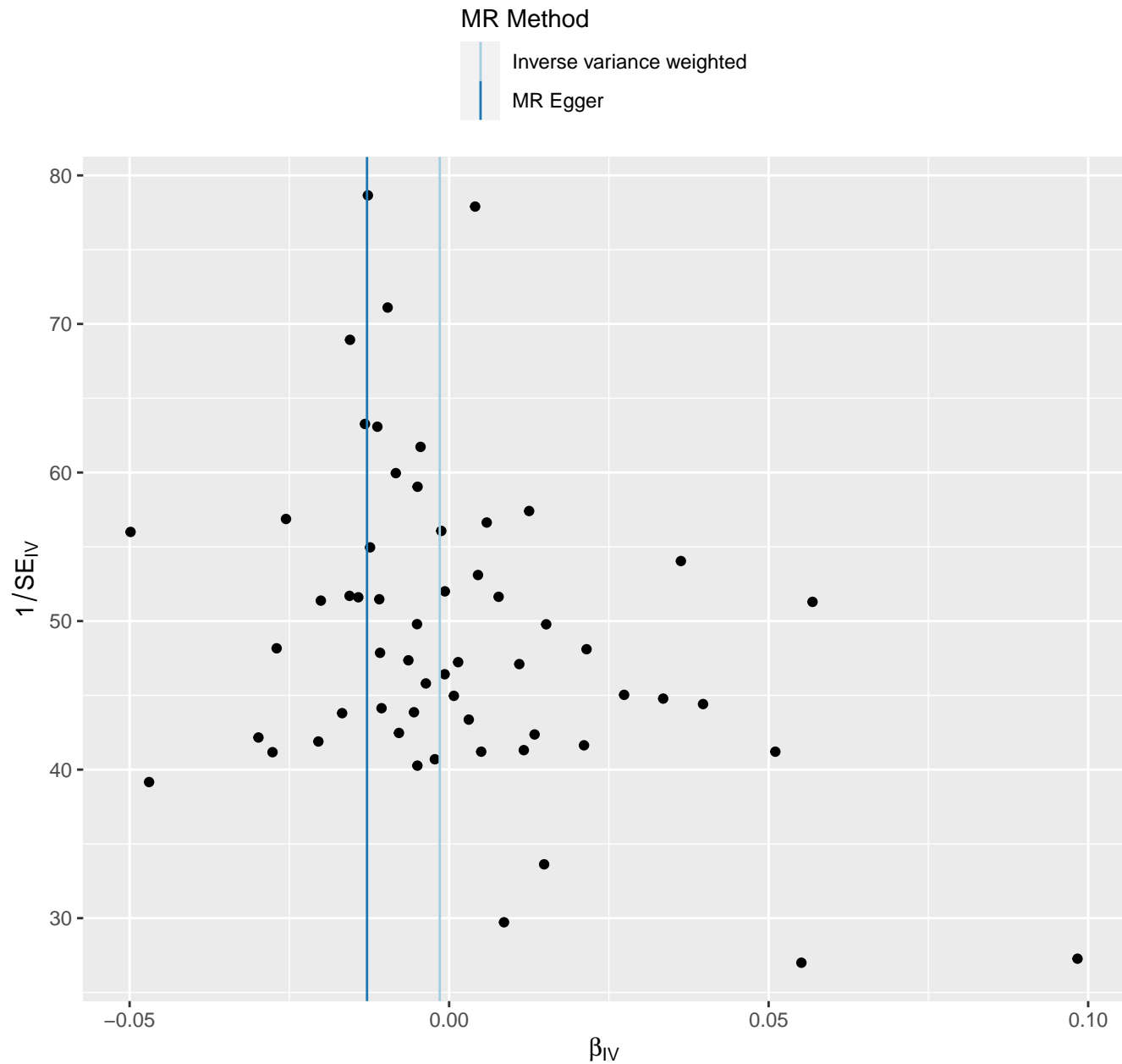


# 10-undecenoate (11:1n1)

MR Method

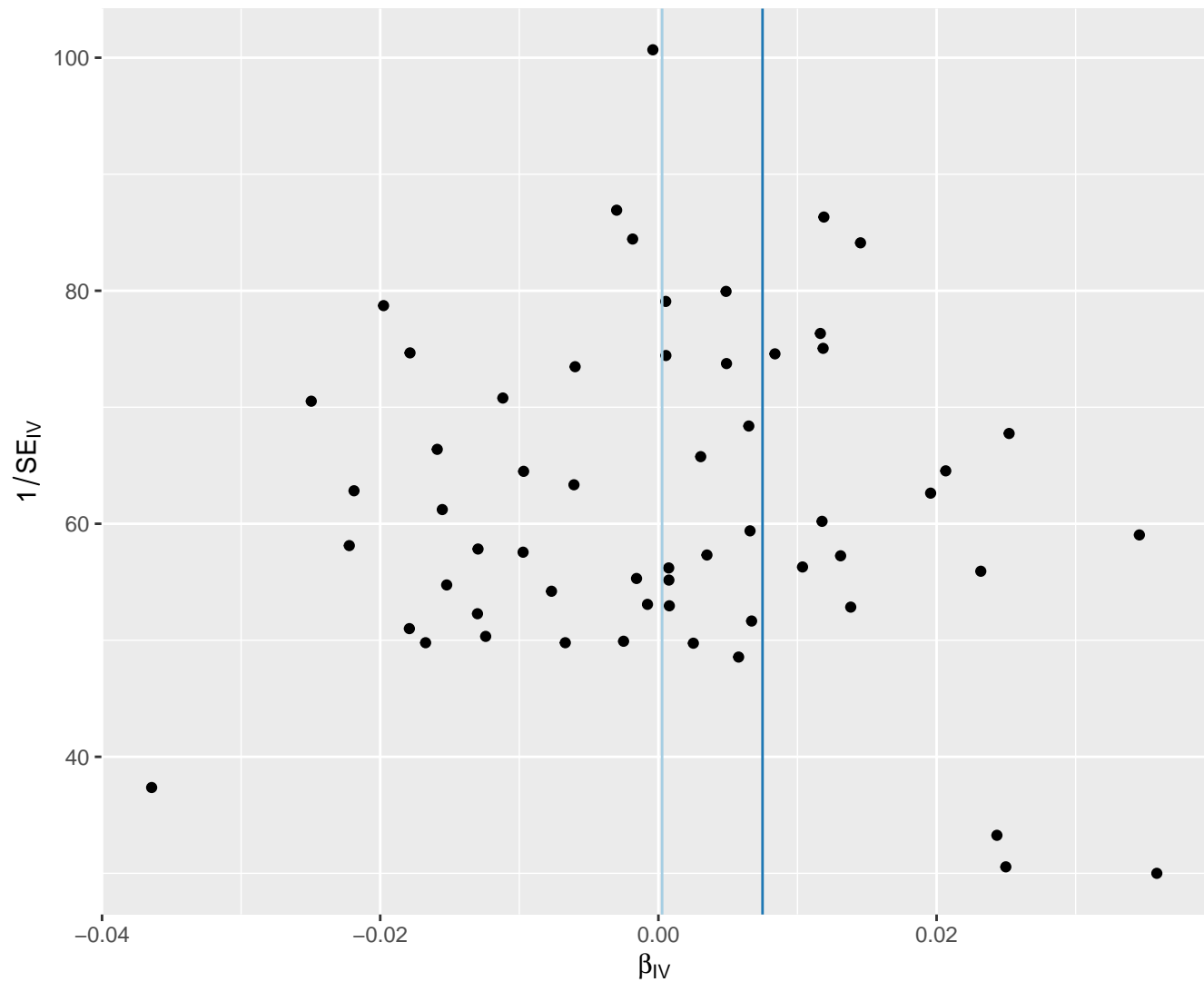
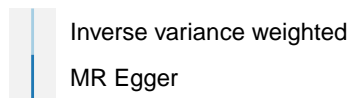


# 15-methylpalmitate (isobar with 2-methylpalmitate)



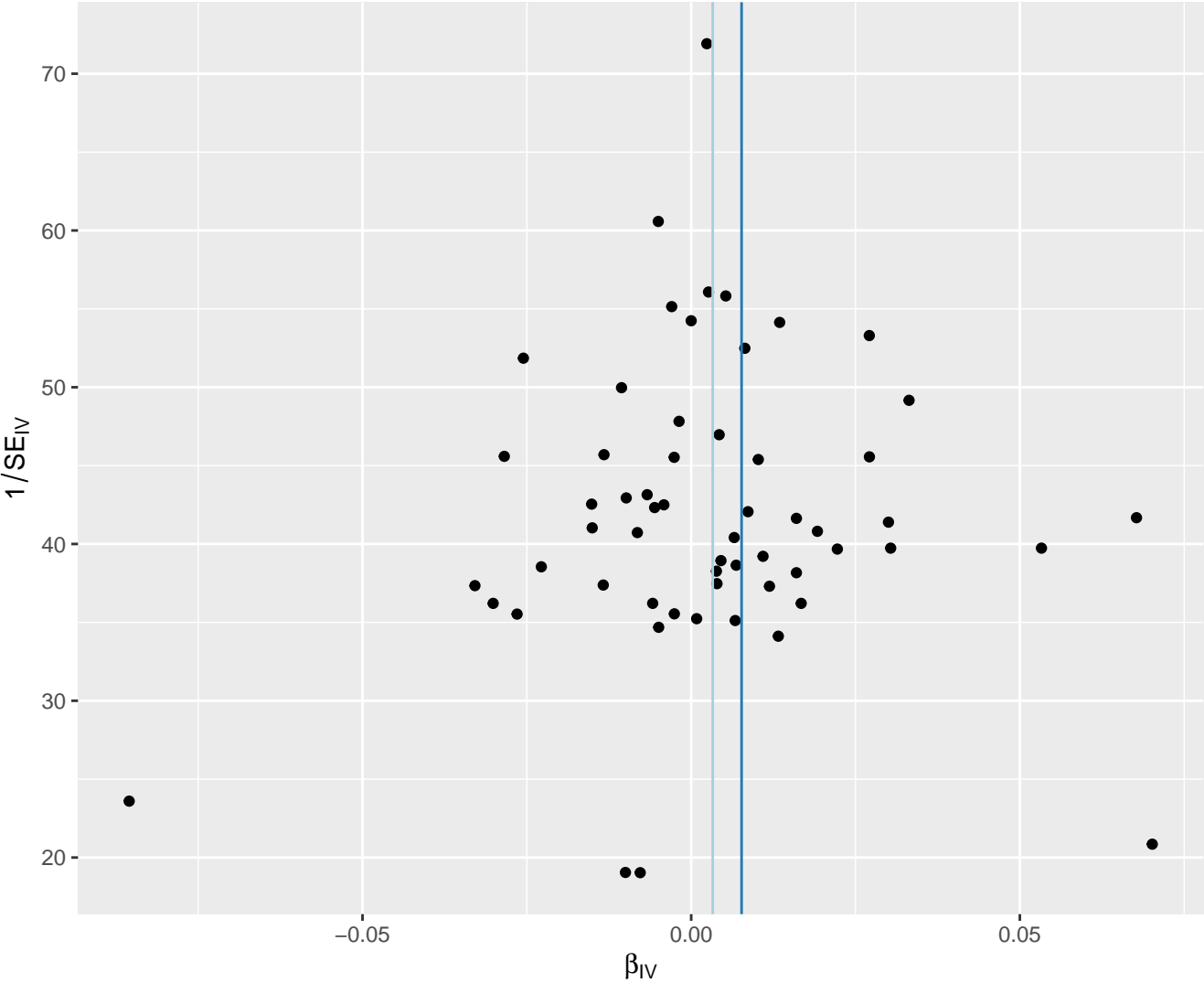
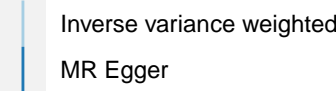
# 2-aminobutyrate

MR Method

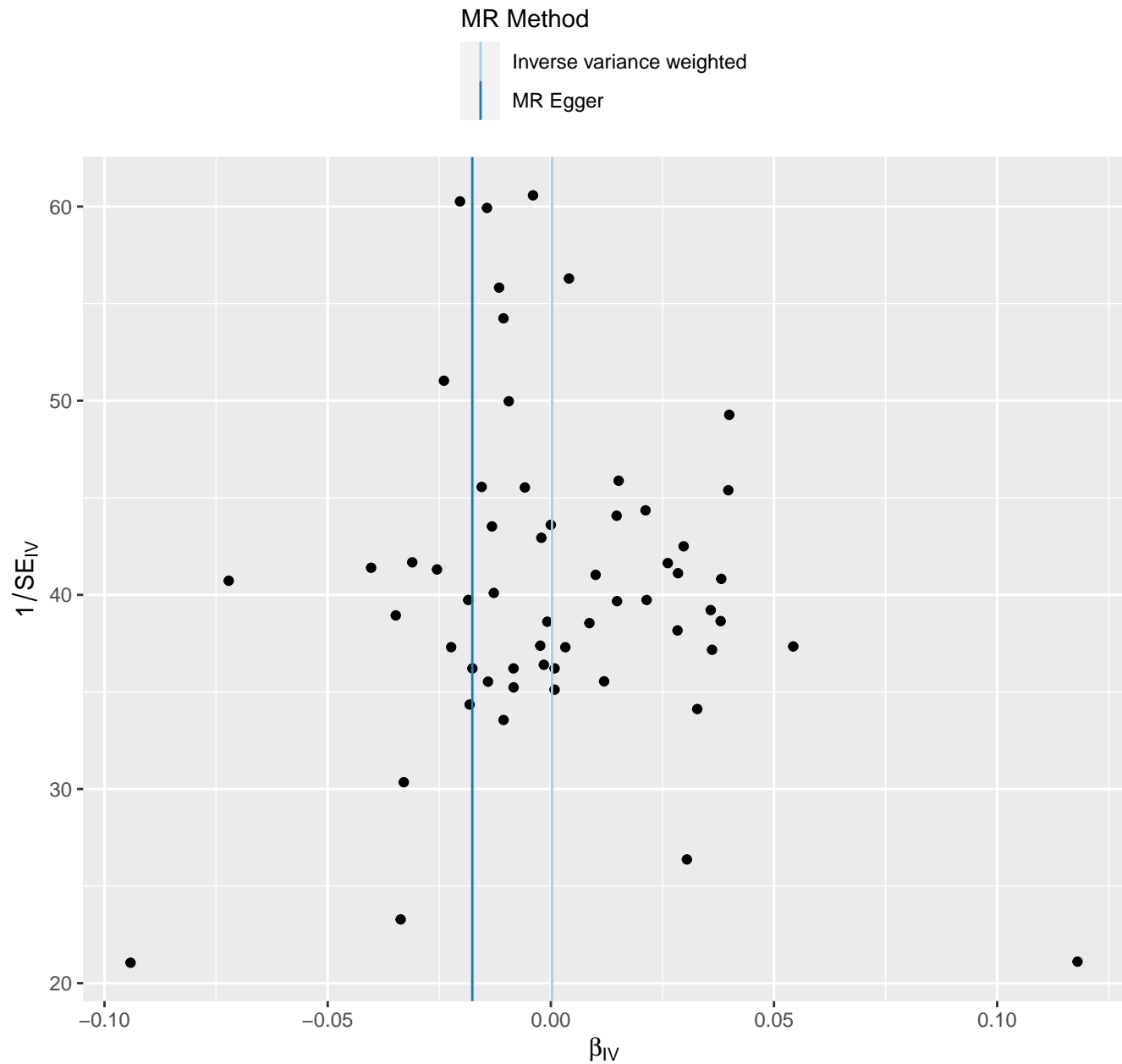


2-hydroxybutyrate (AHB)

MR Method



## 2-hydroxyglutarate





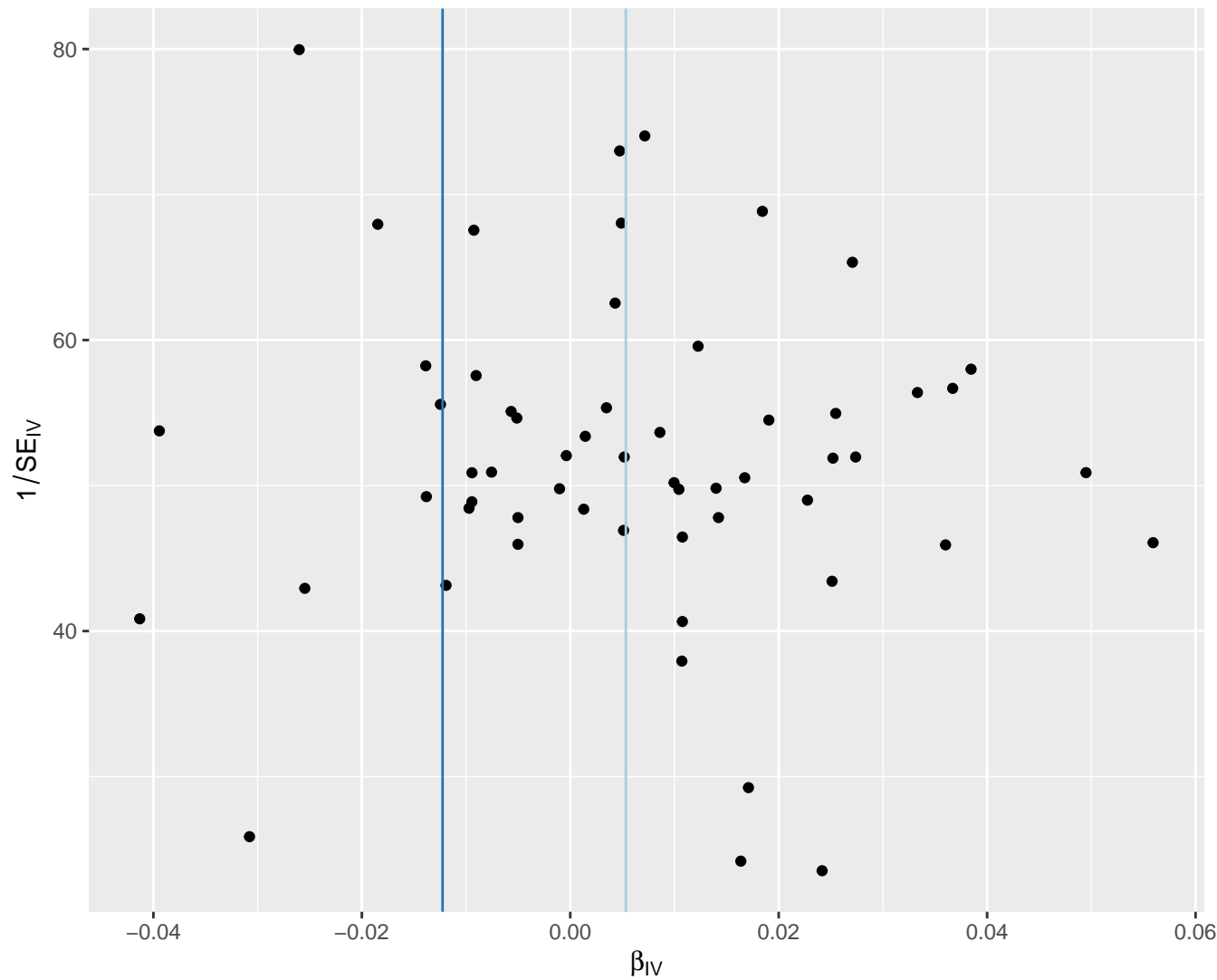
## 2-hydroxyisobutyrate

MR Method



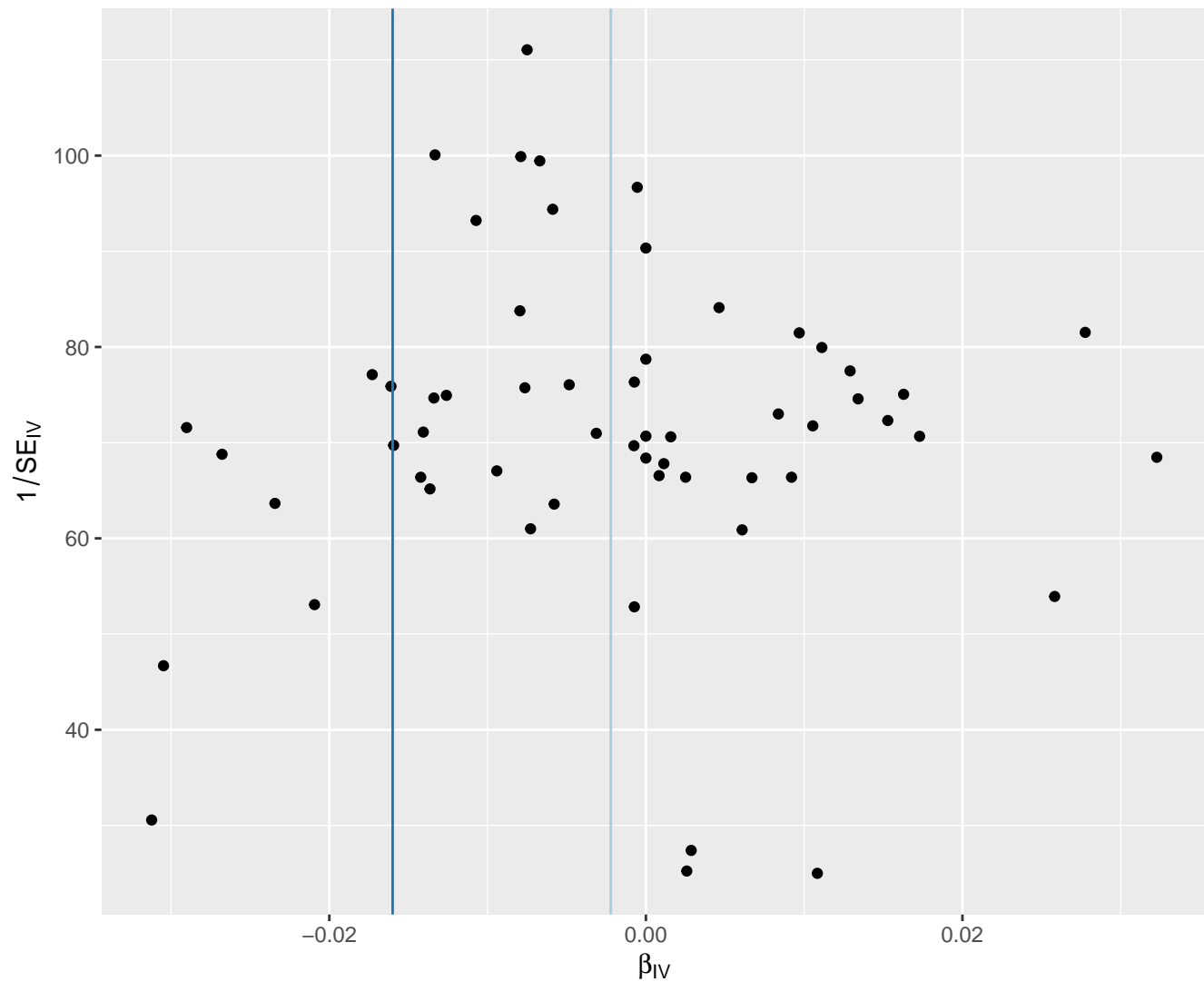
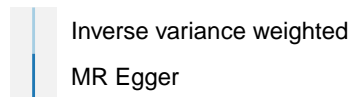
Inverse variance weighted

MR Egger



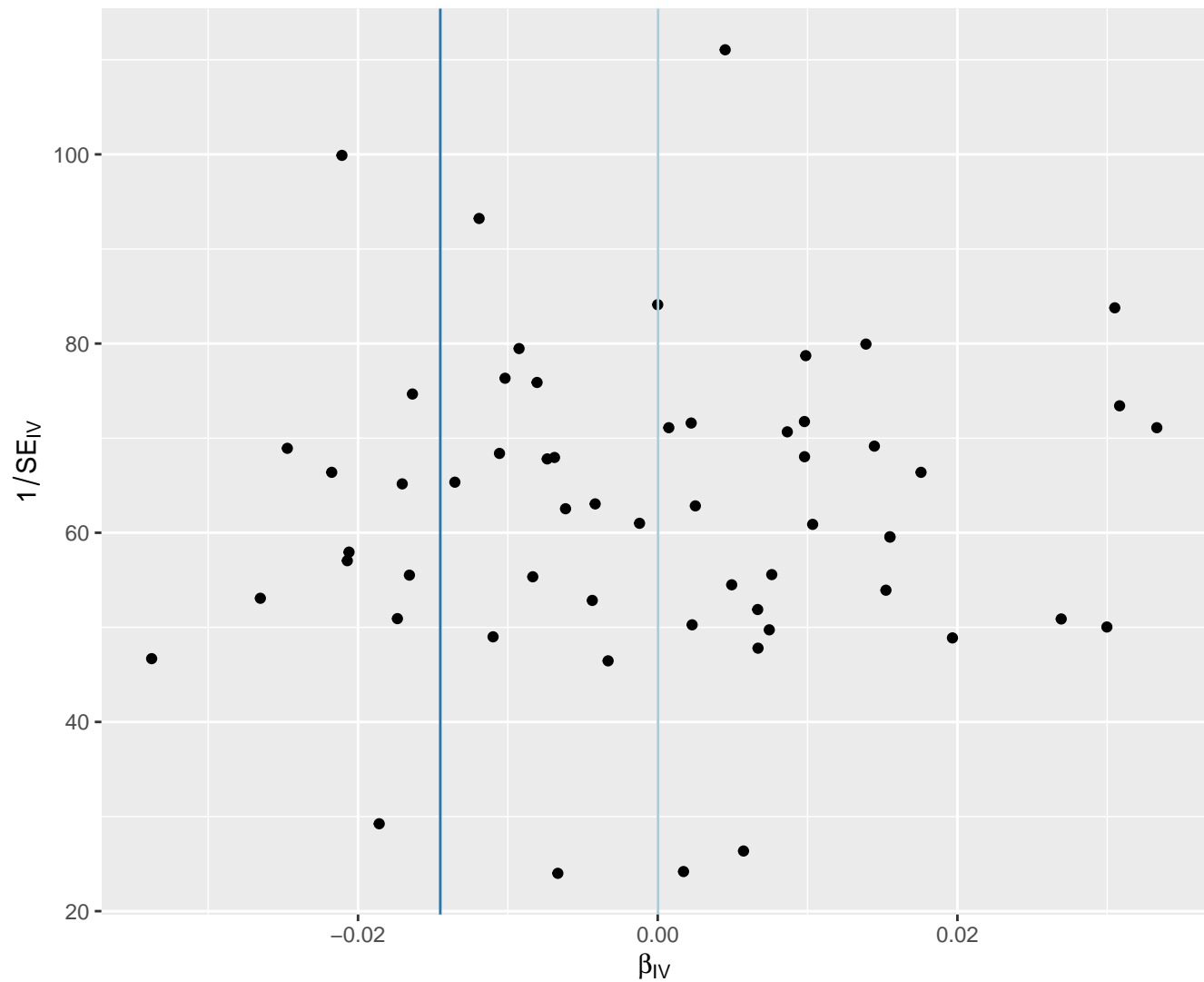
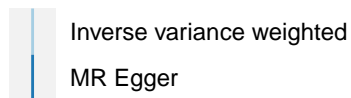
# 2-hydroxypalmitate

MR Method



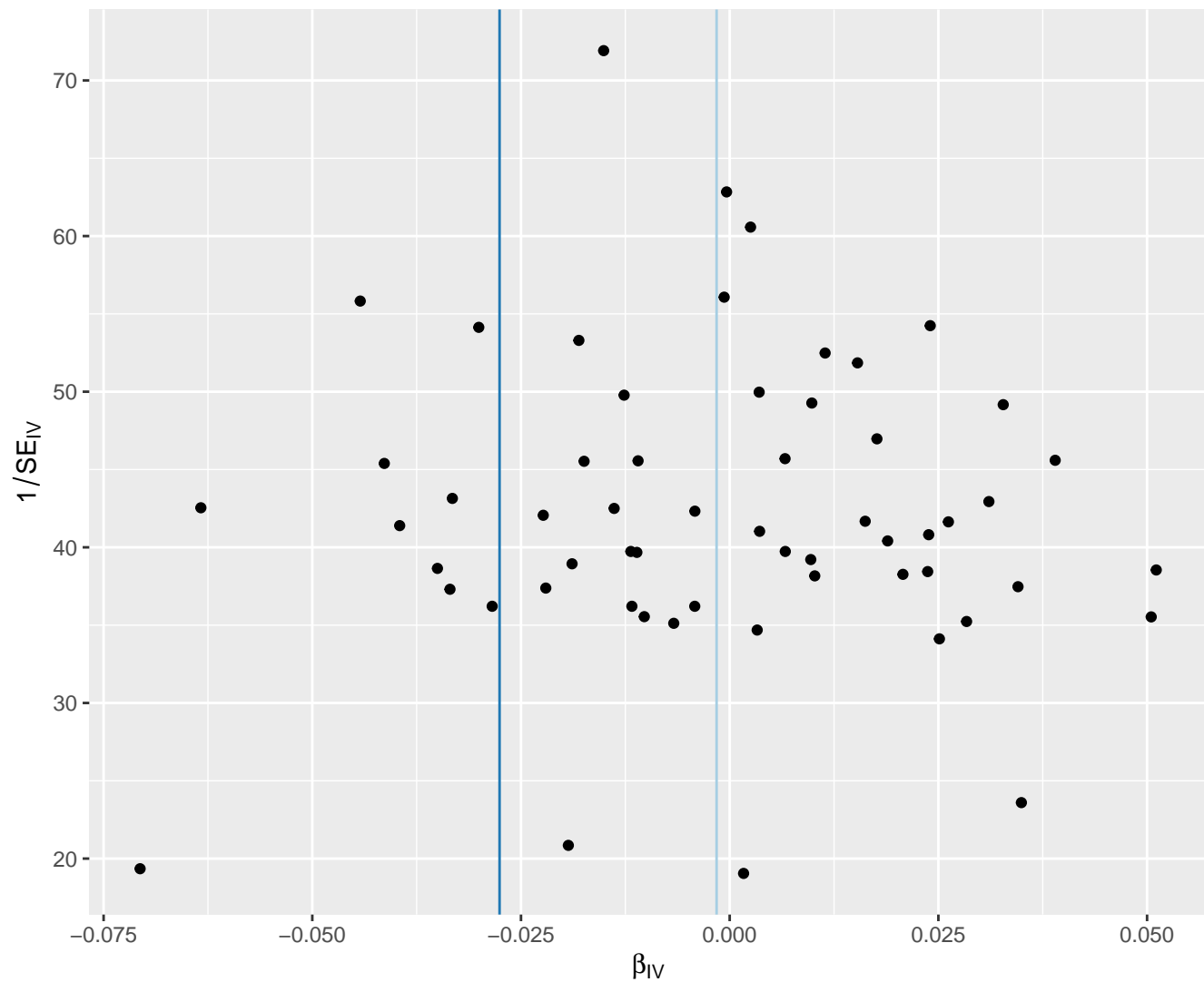
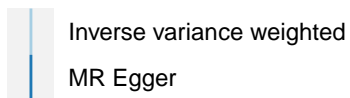
# 2-hydroxystearate

MR Method



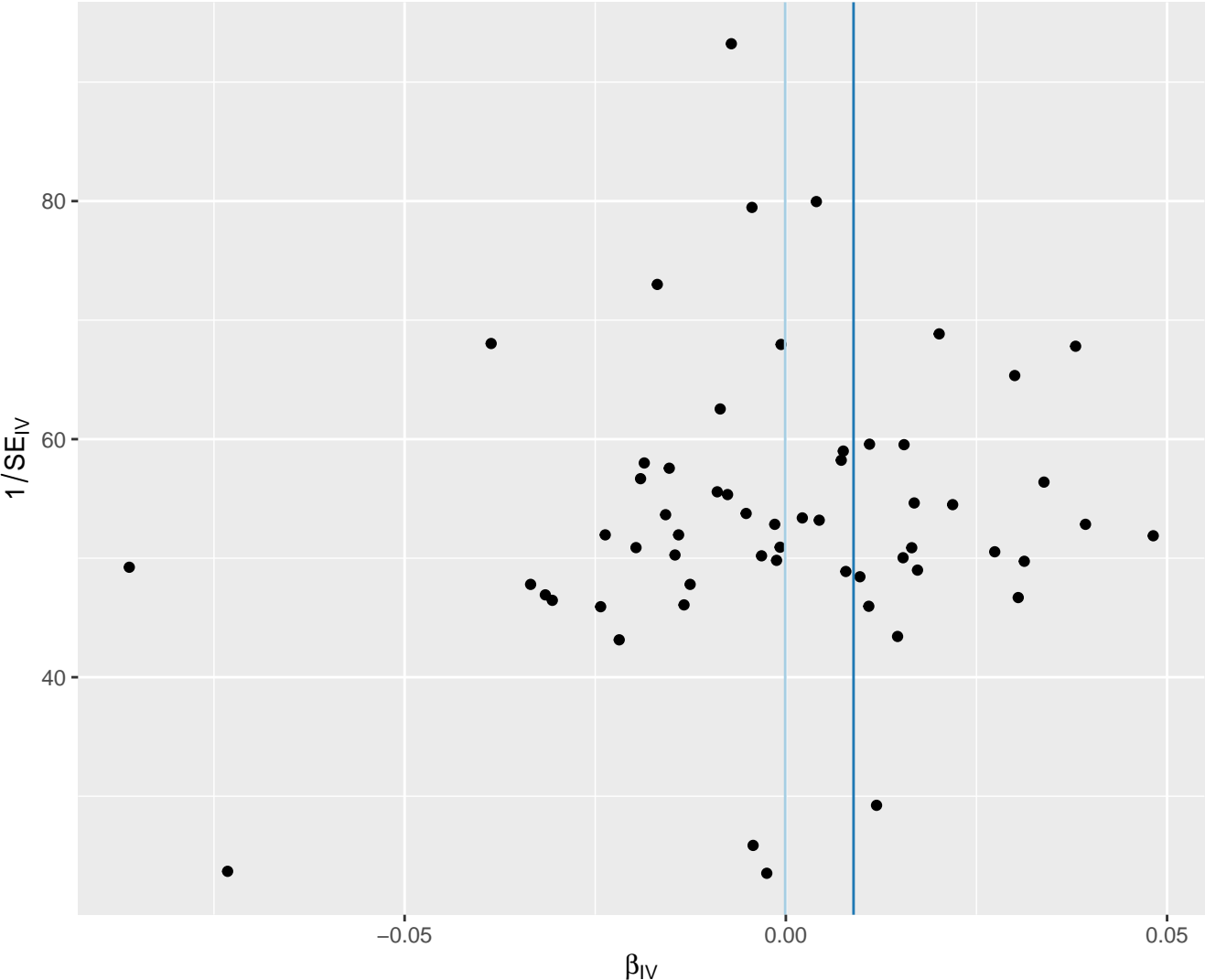
# 2-linoleoylglycerophosphocholine\*

MR Method



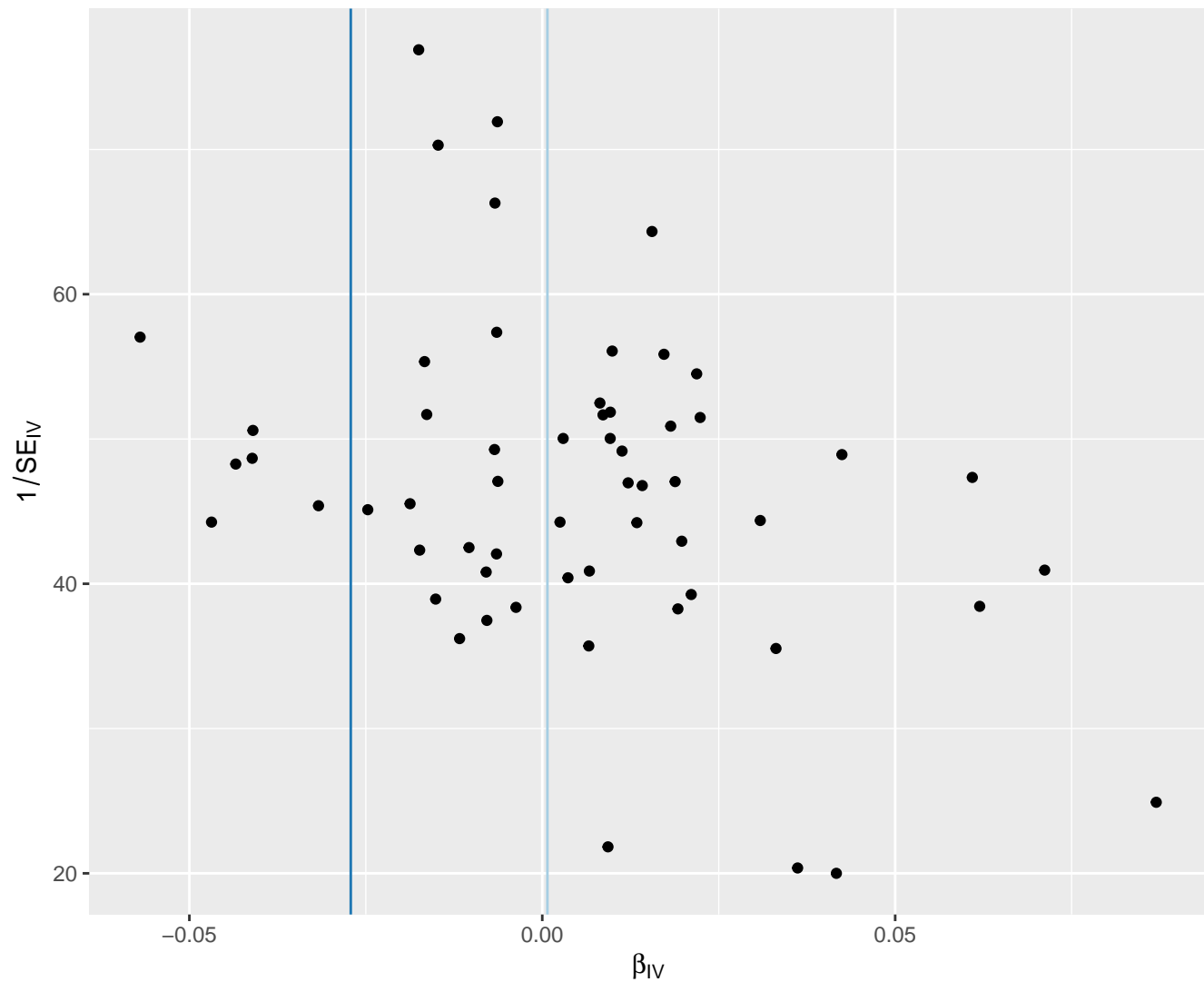
2-methylbutyroylcarnitine

MR Method



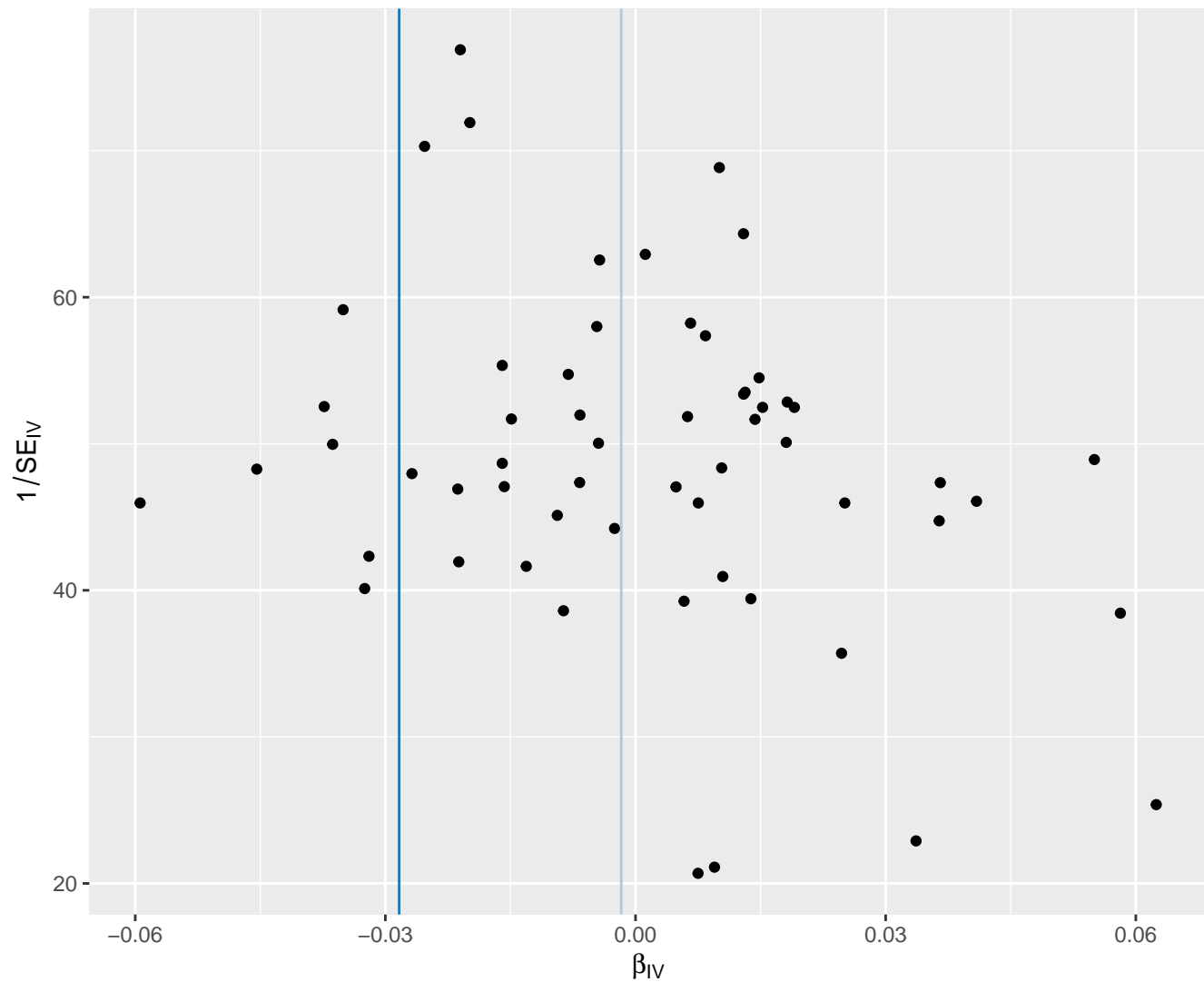
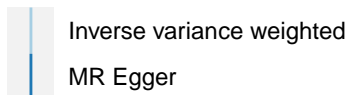
# 2-oleoylglycerophosphocholine\*

MR Method



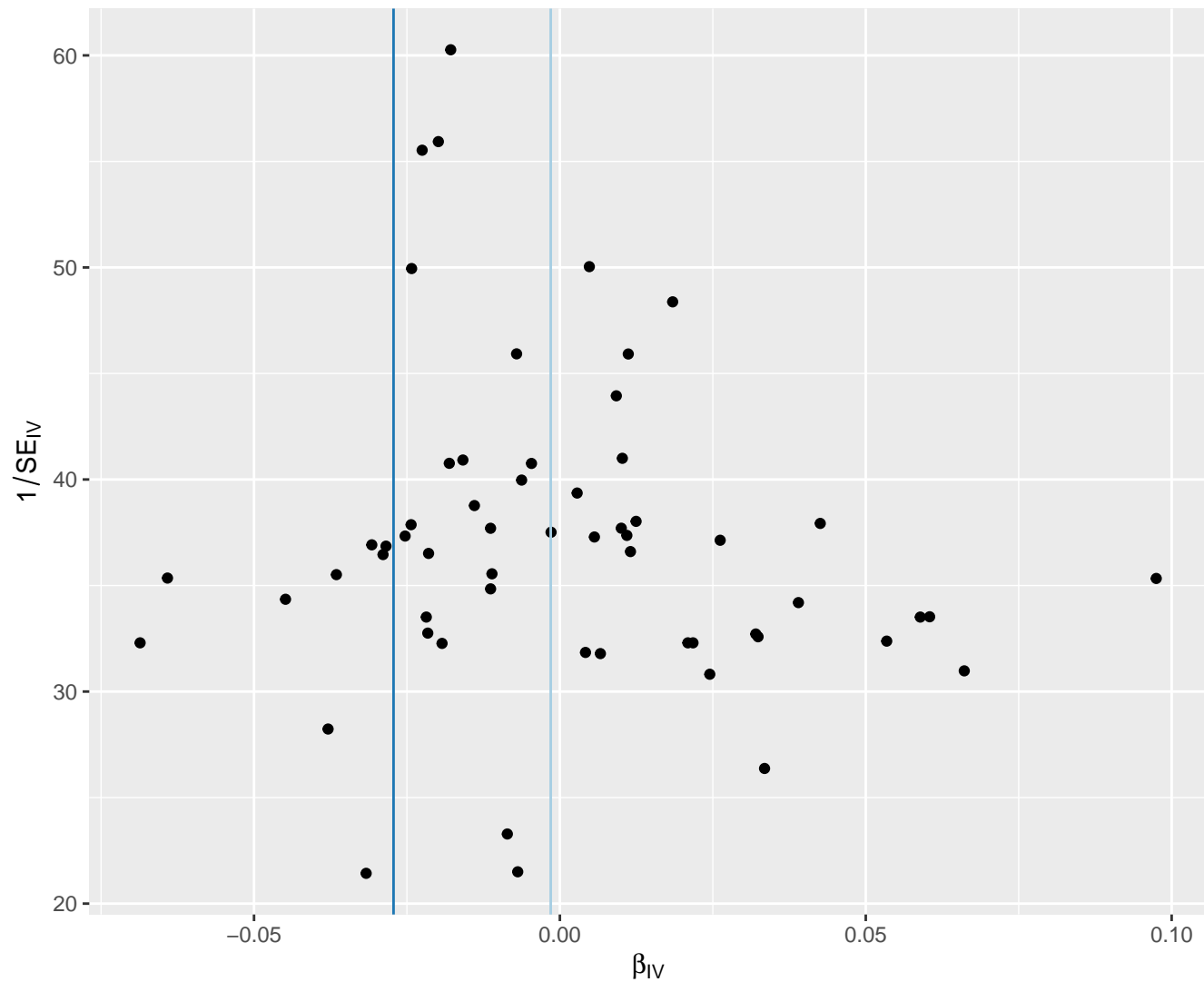
# 2-palmitoylglycerophosphocholine\*

MR Method



# 2-stearoylglycerophosphocholine\*

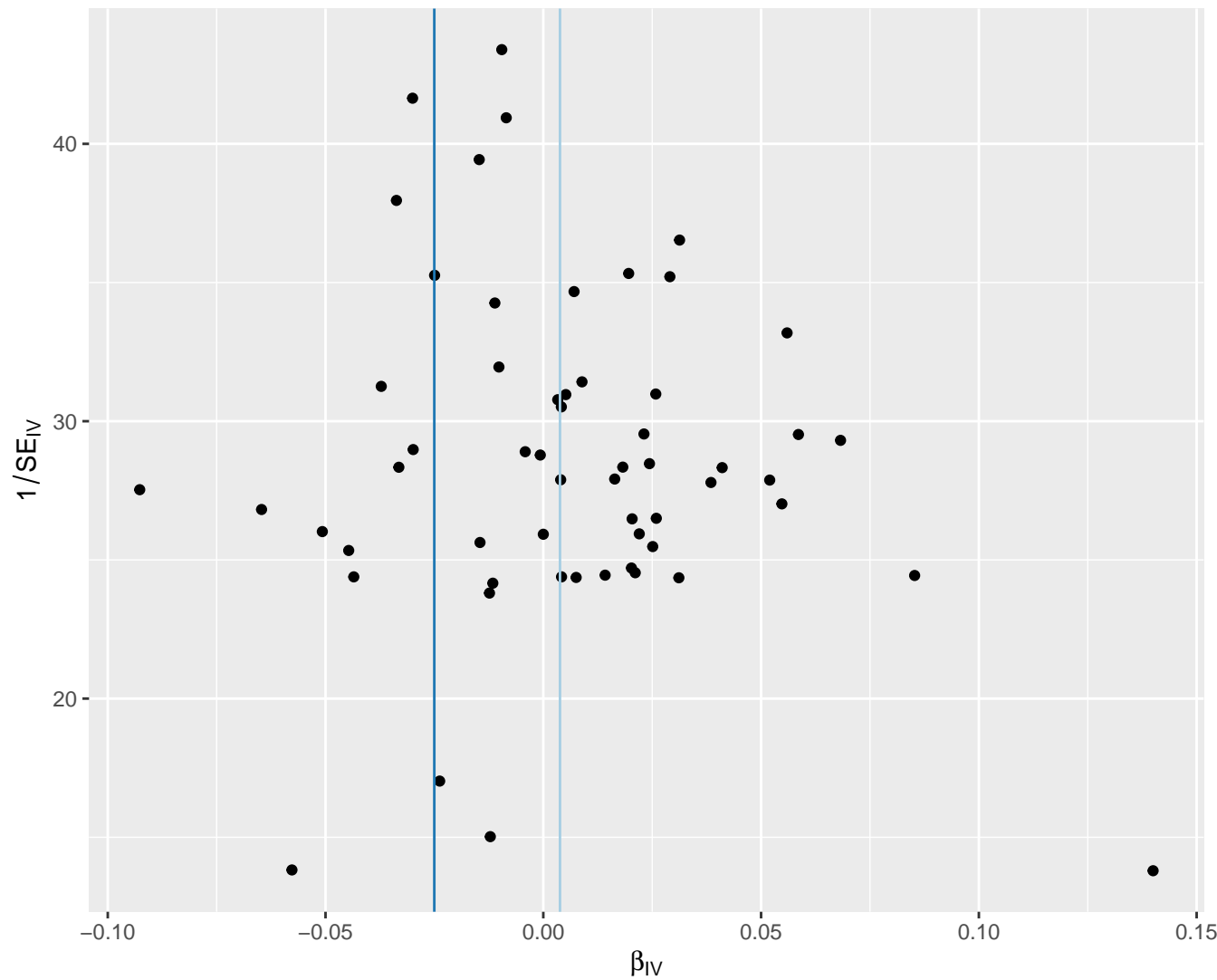
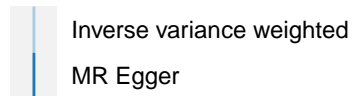
MR Method





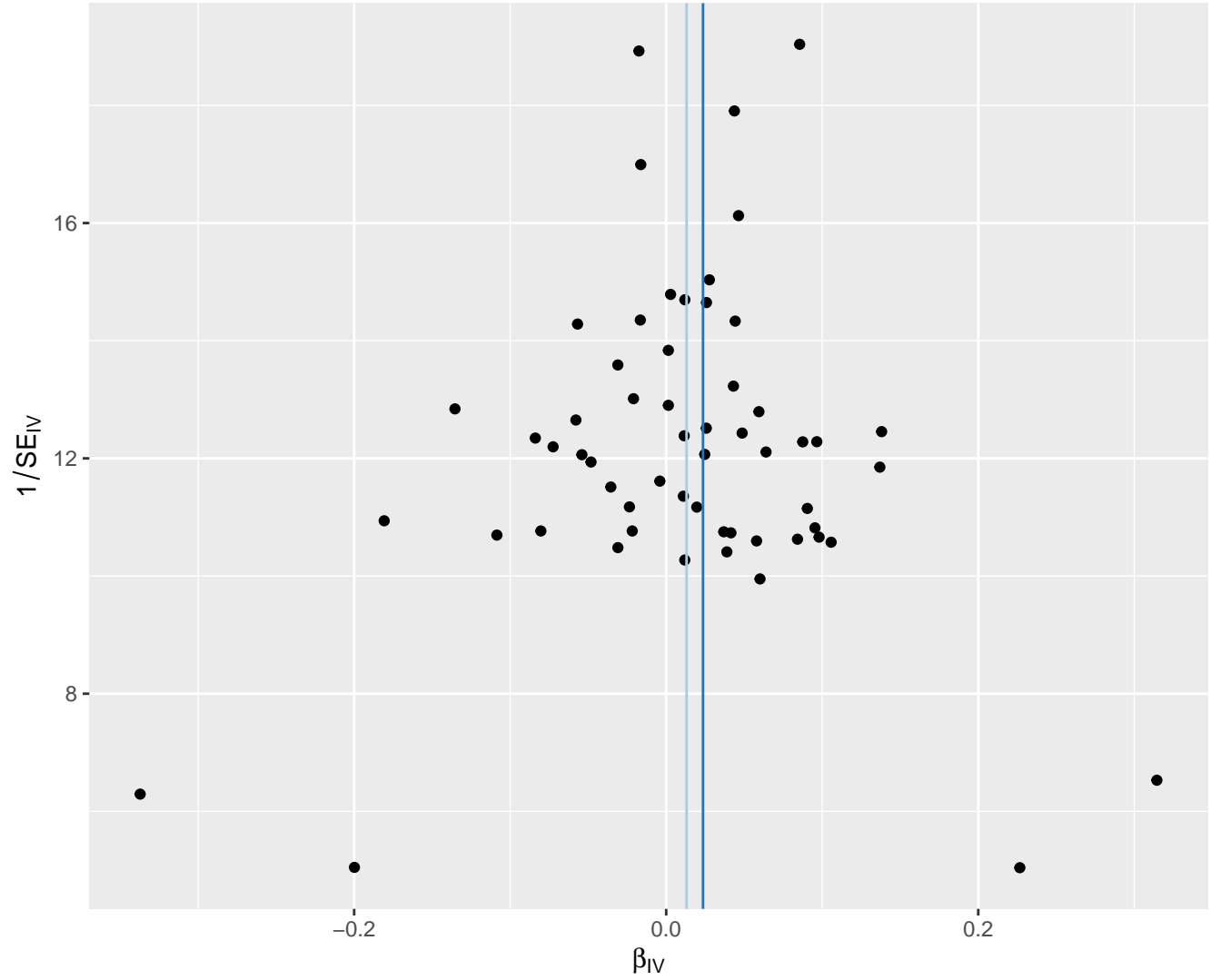
## 2-tetradecenoyl carnitine

MR Method

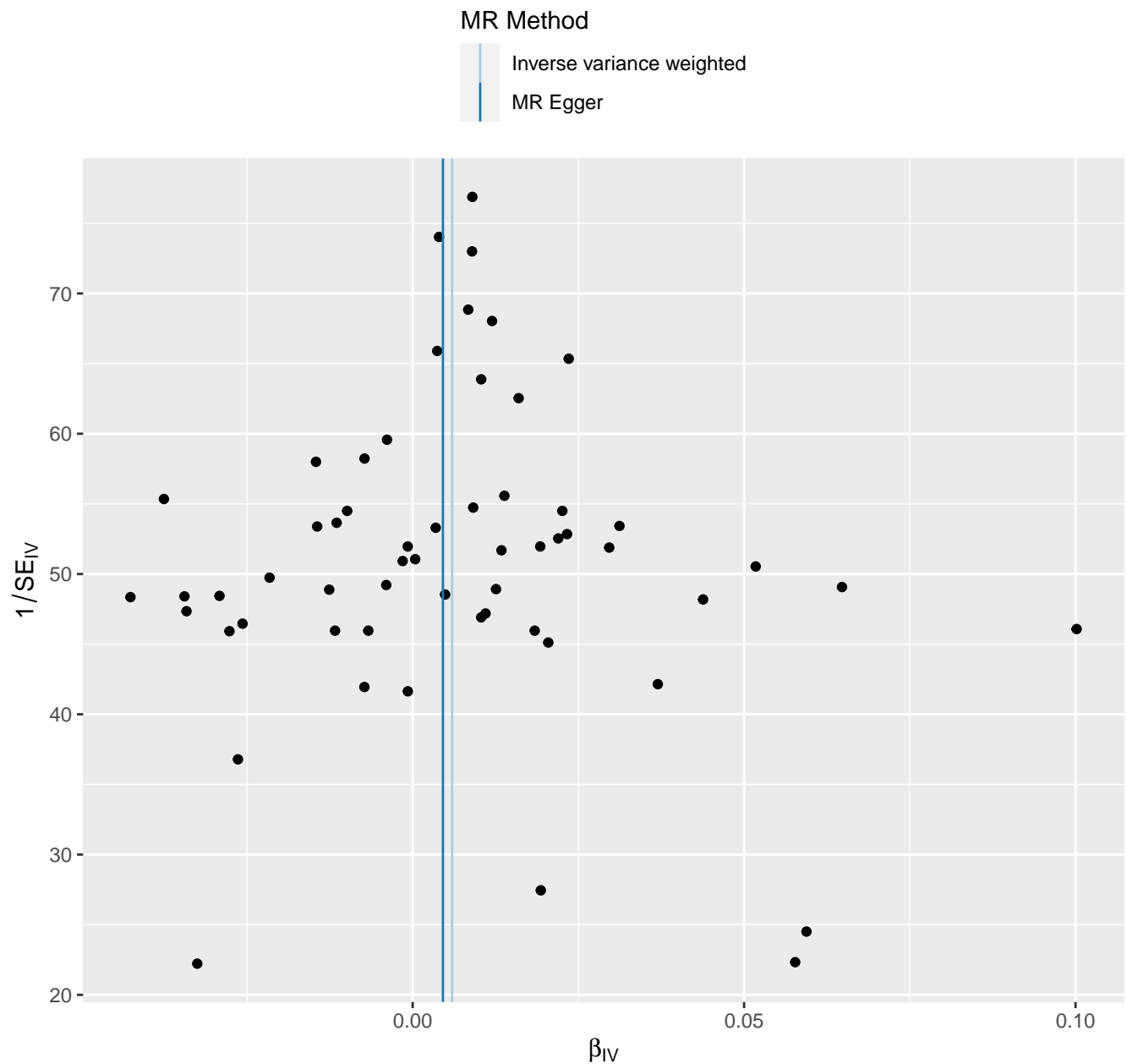


3-(3-hydroxyphenyl)propionate

MR Method

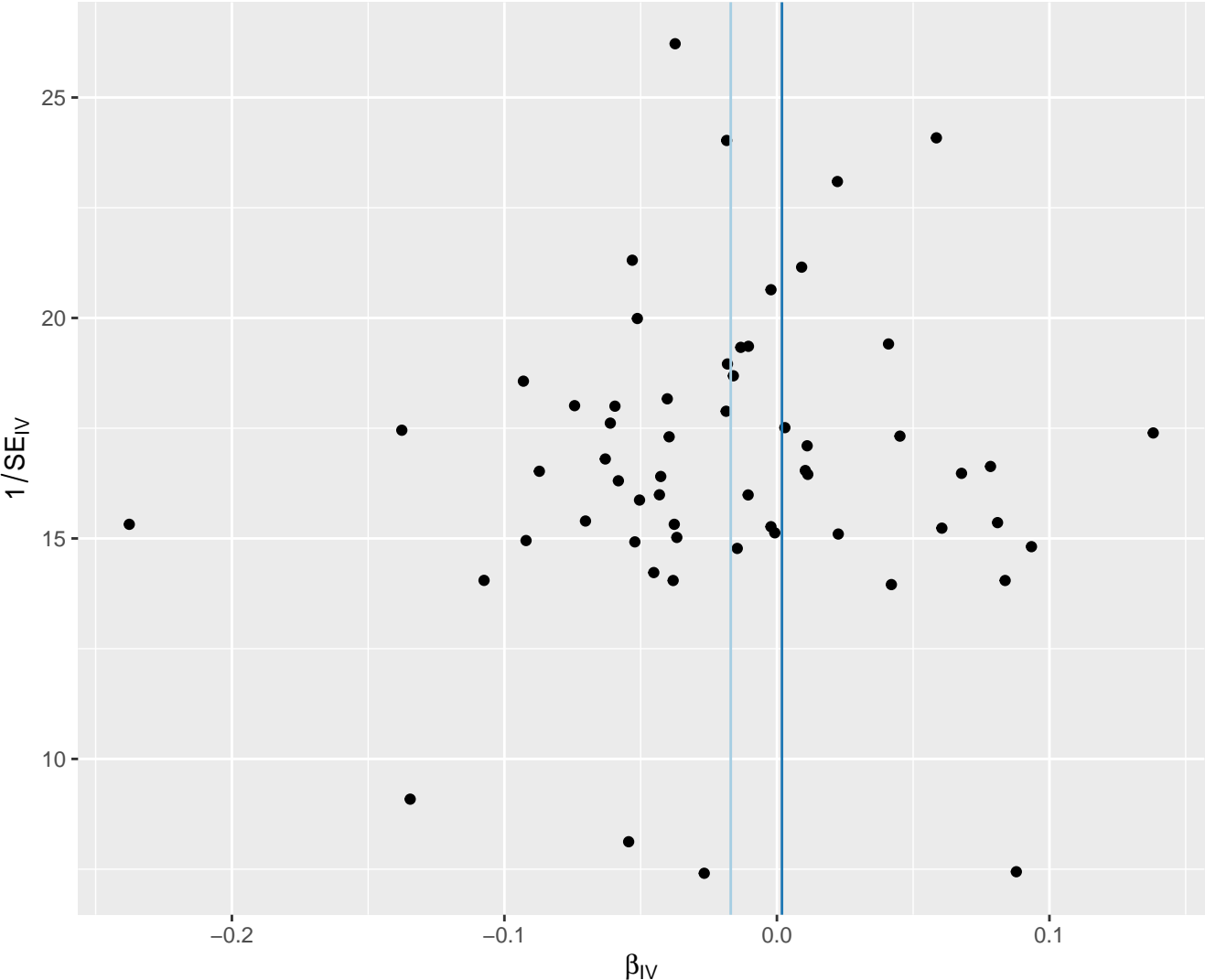


3-(4-hydroxyphenyl)lactate



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

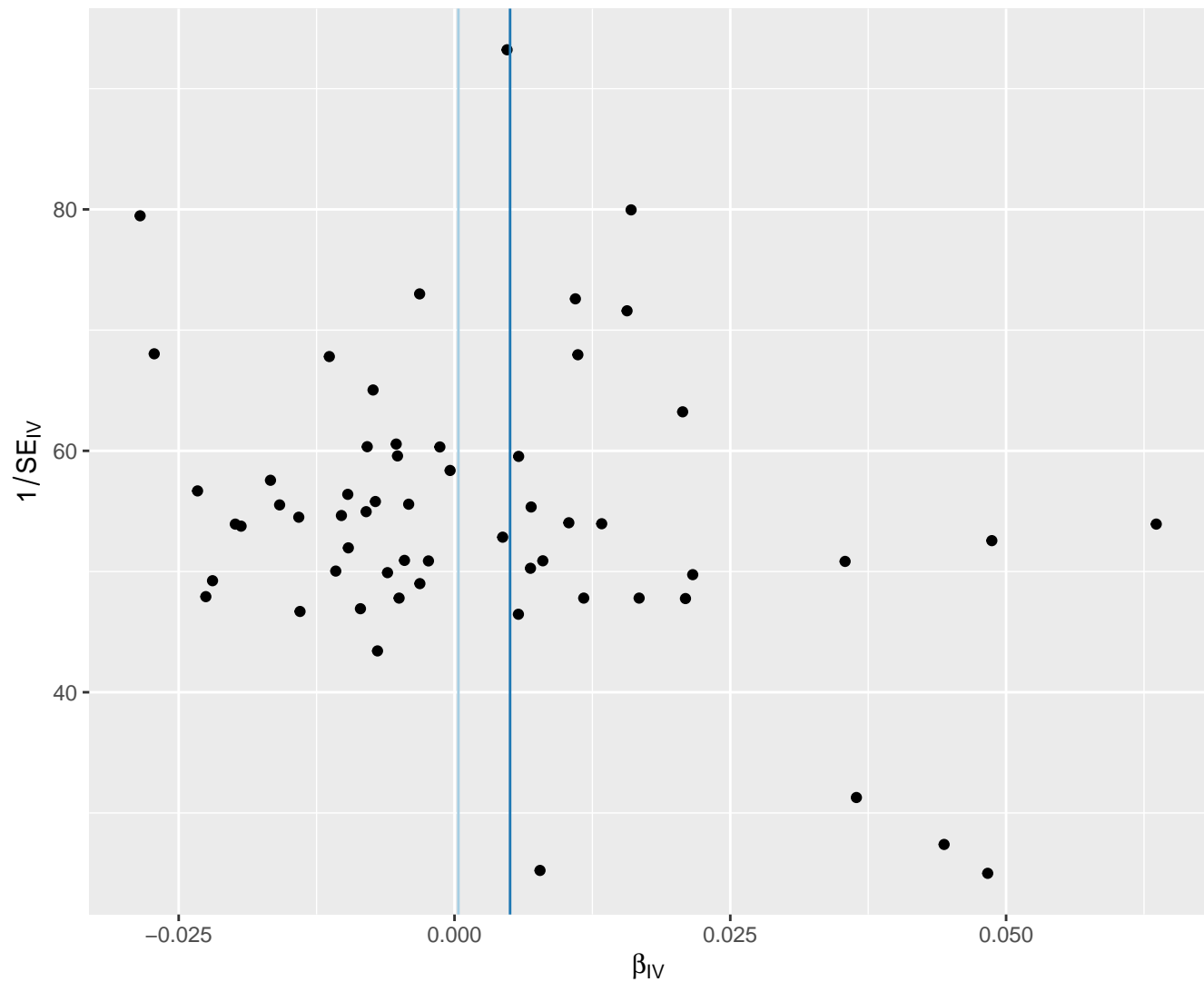
MR Method



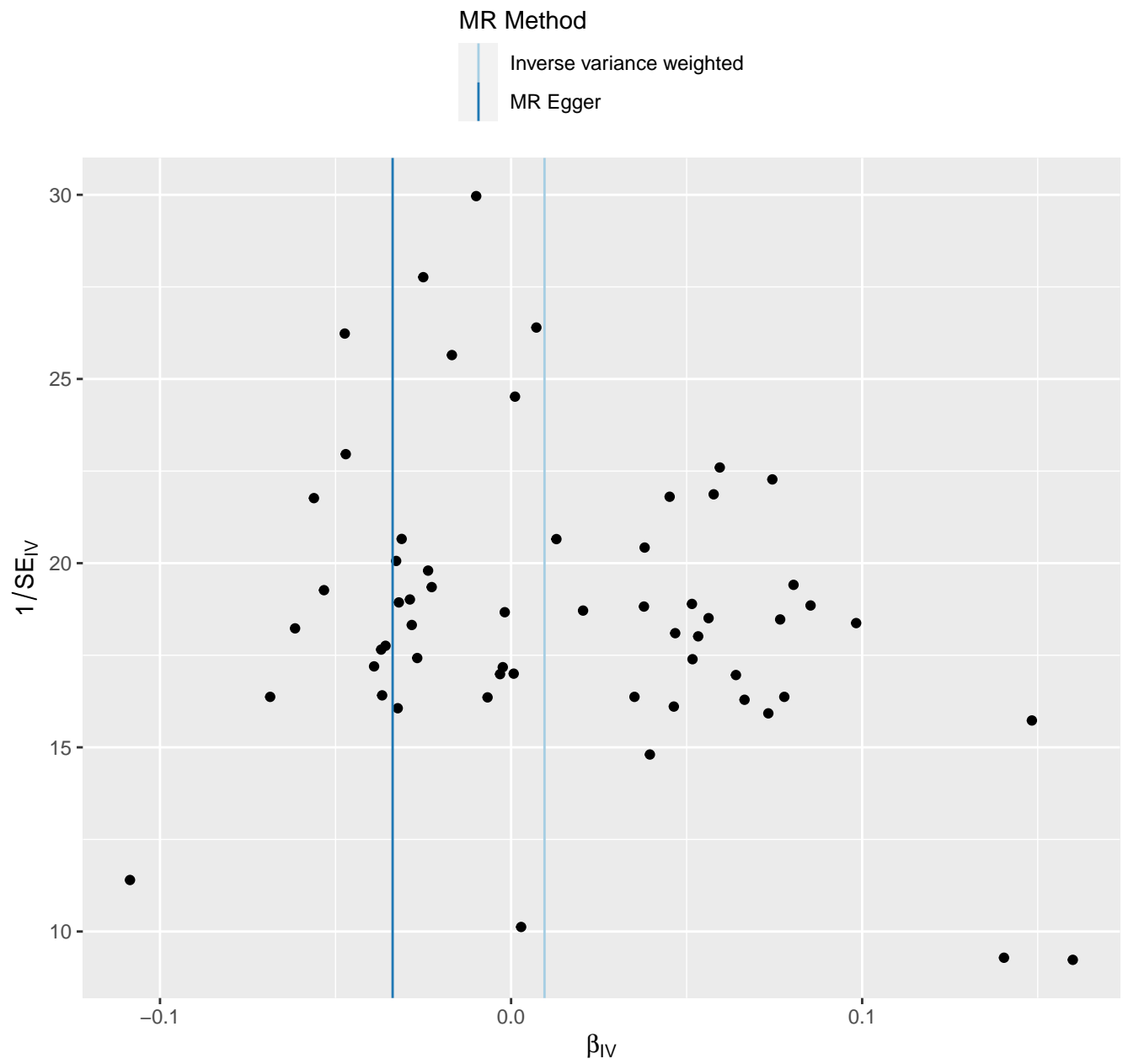
# 3-dehydrocarnitine\*

MR Method

Inverse variance weighted  
MR Egger



3-hydroxybutyrate (BHBA)

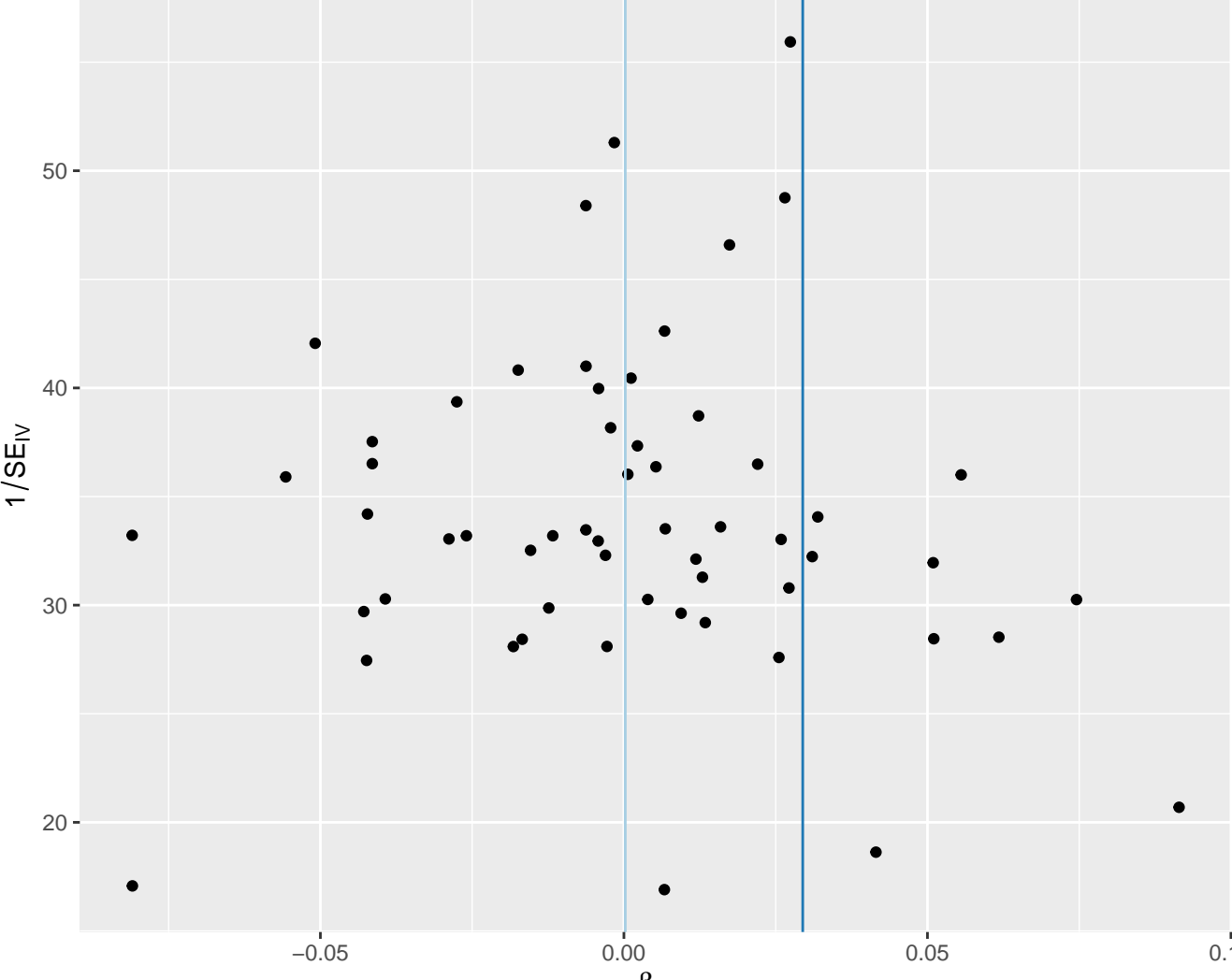


# 3-indoxyl sulfate

## MR Method

## Inverse variance weighted

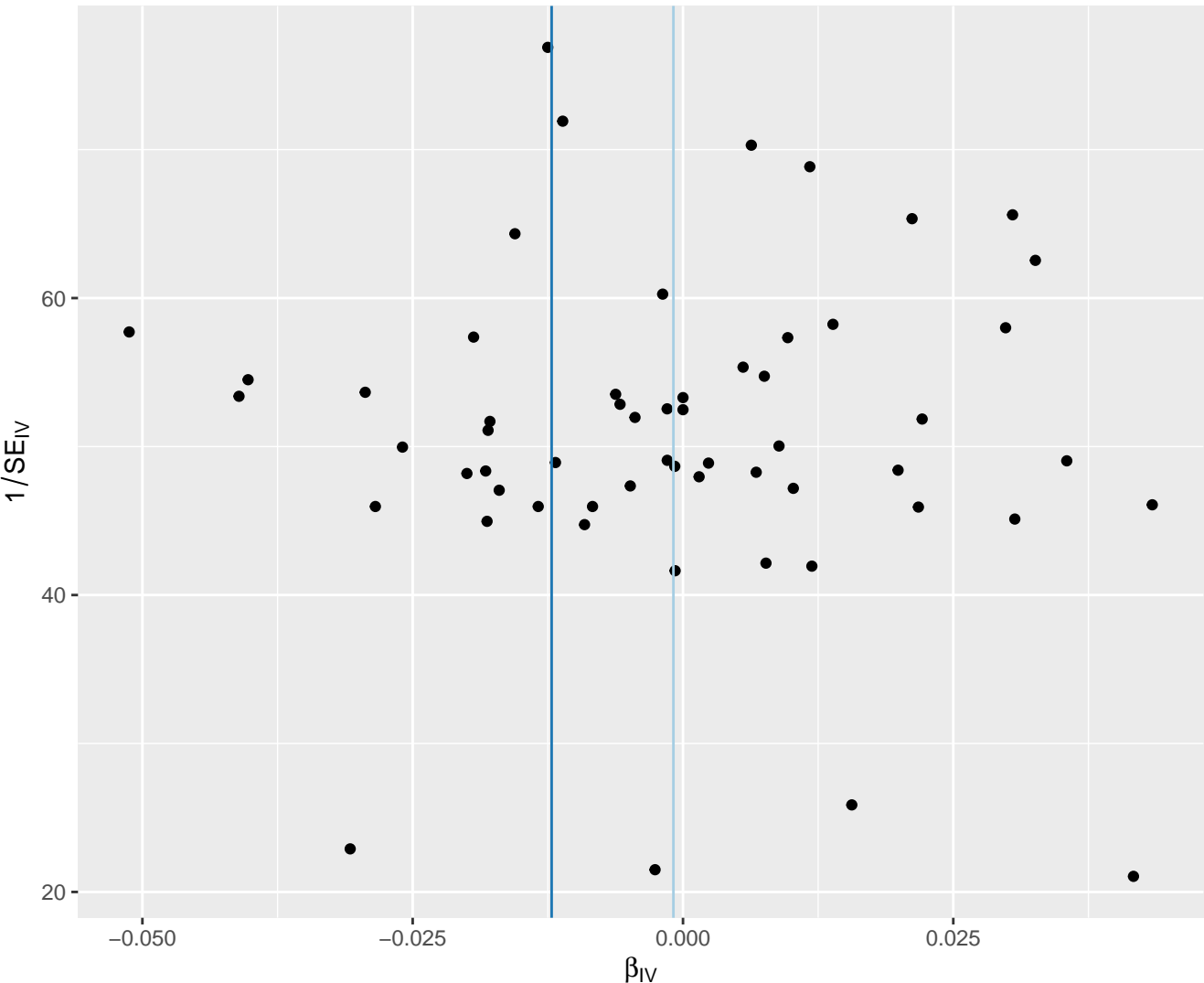
MR Egger



3-methoxytyrosine

MR Method

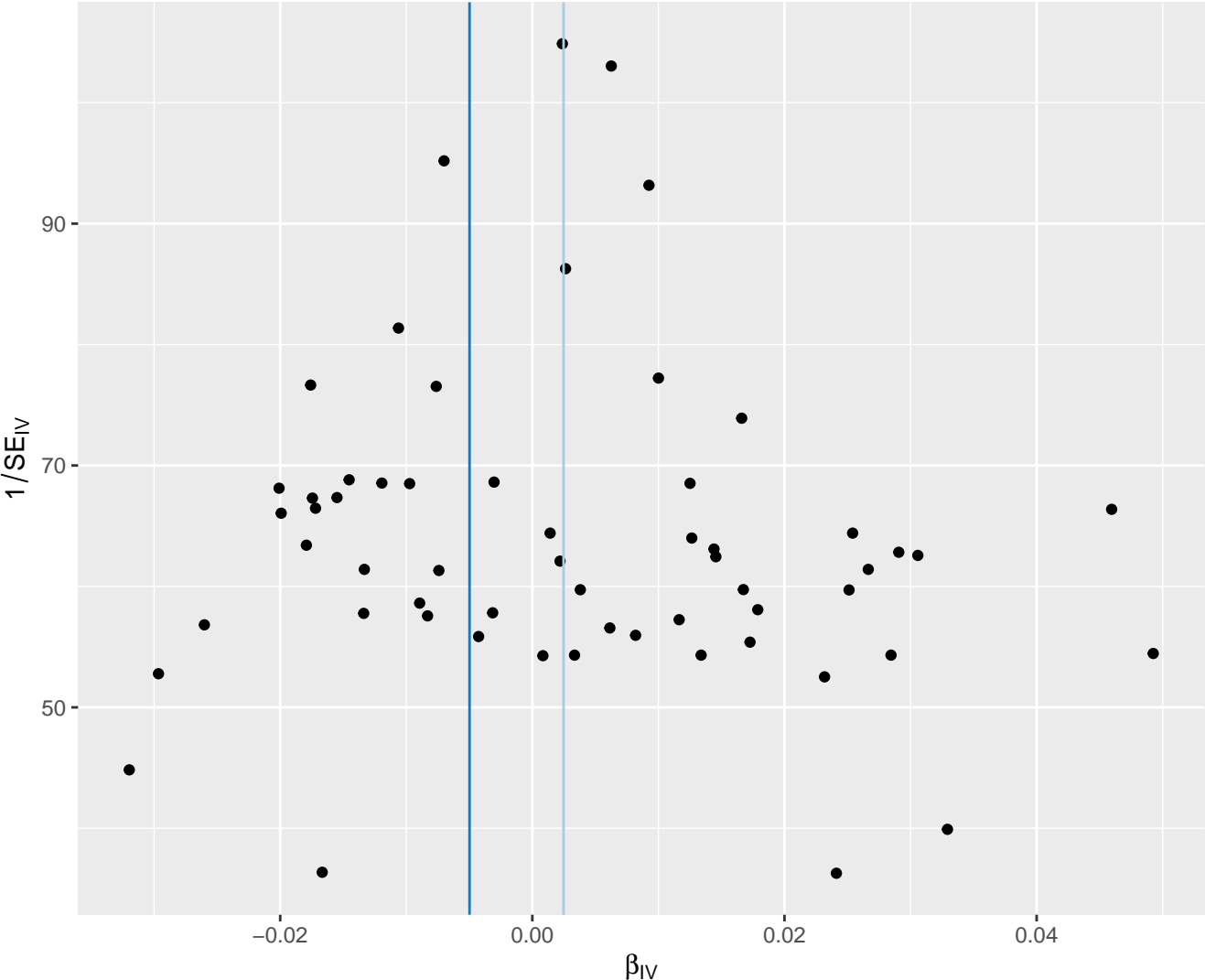
- Inverse variance weighted
- MR Egger





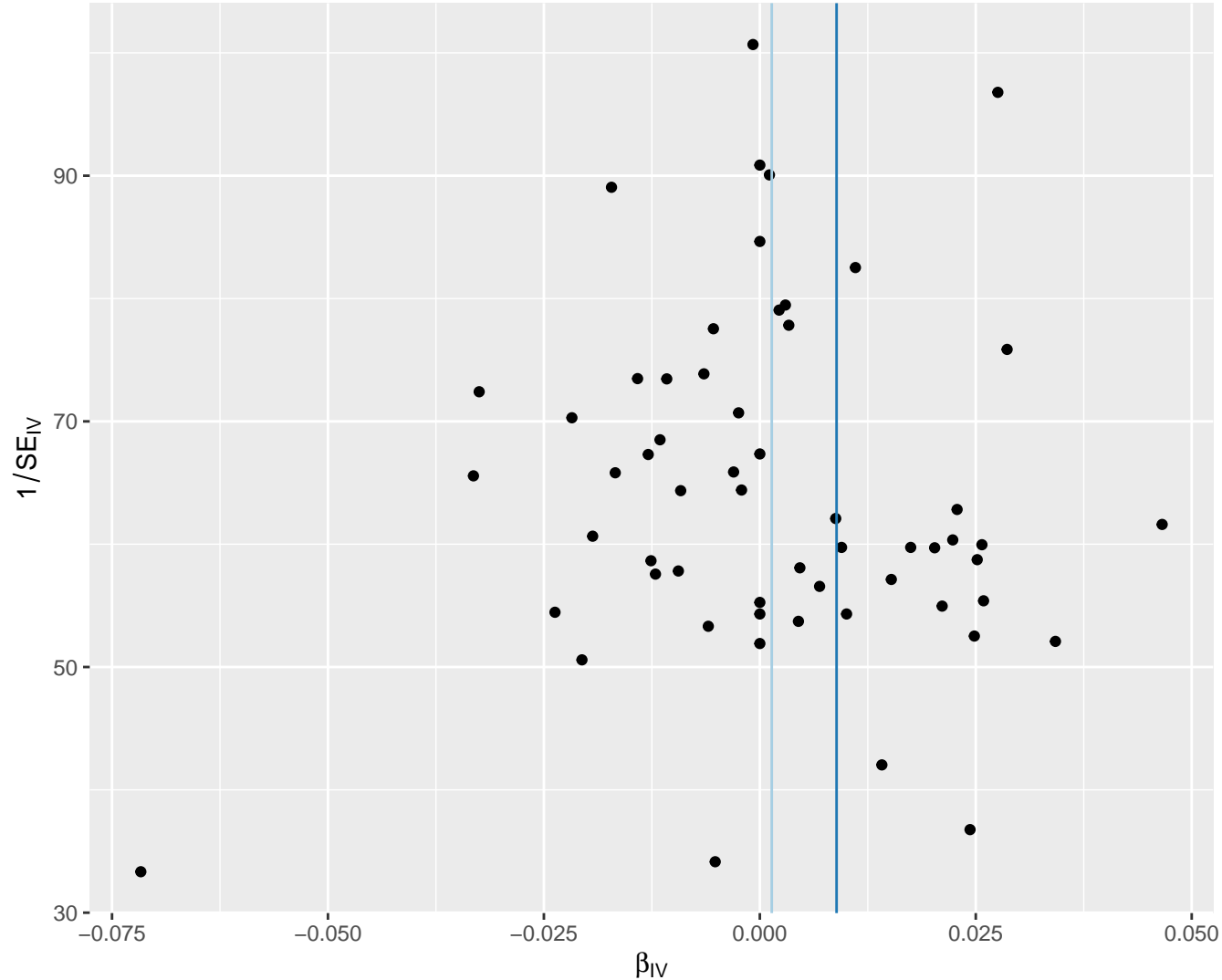
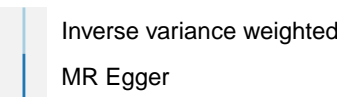
3-methyl-2-oxobutyrate

MR Method



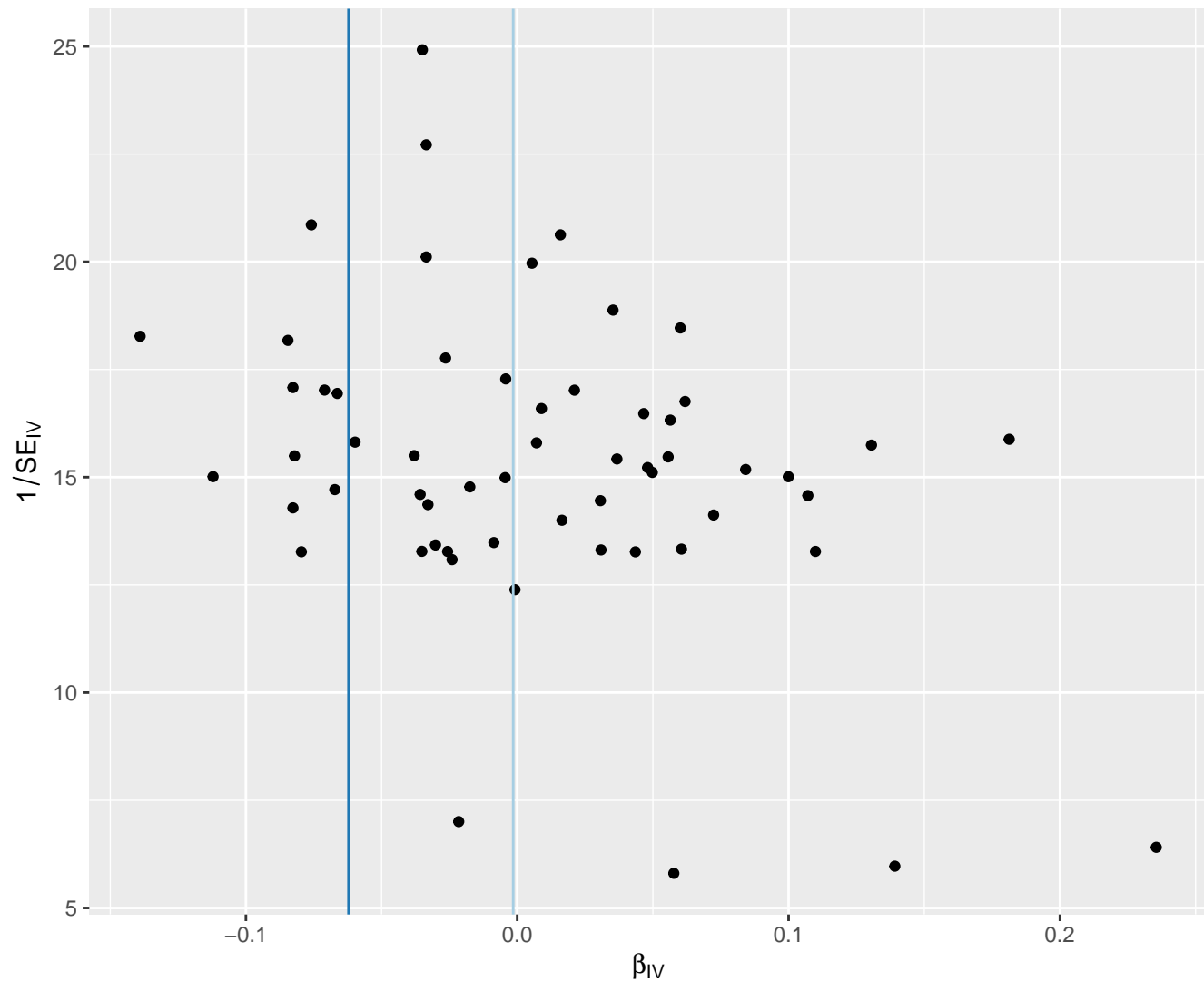
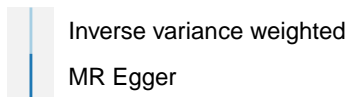
3-methyl-2-oxovalerate

MR Method



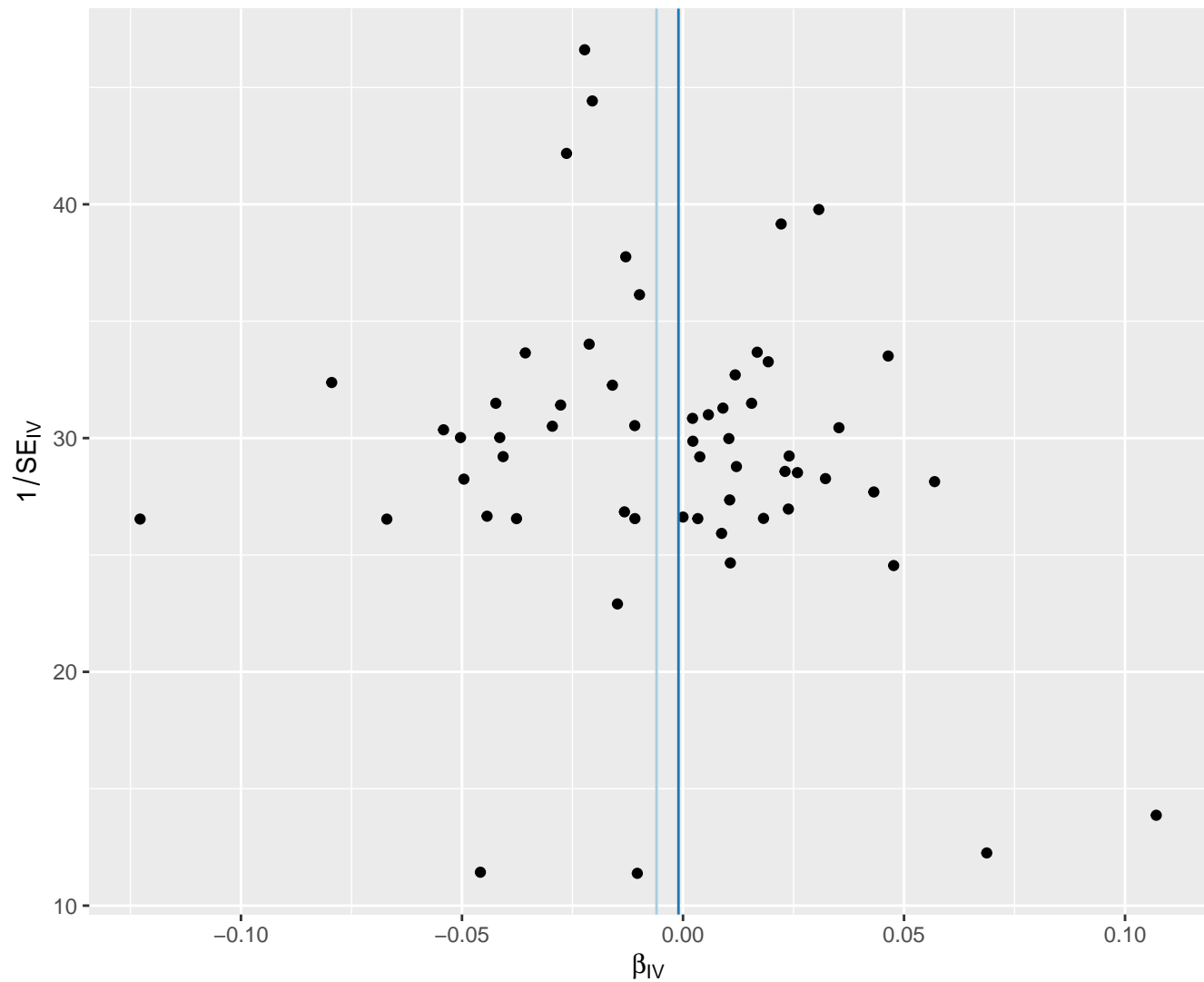
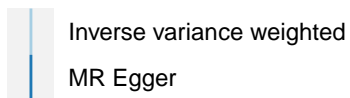
# 3-methylhistidine

MR Method



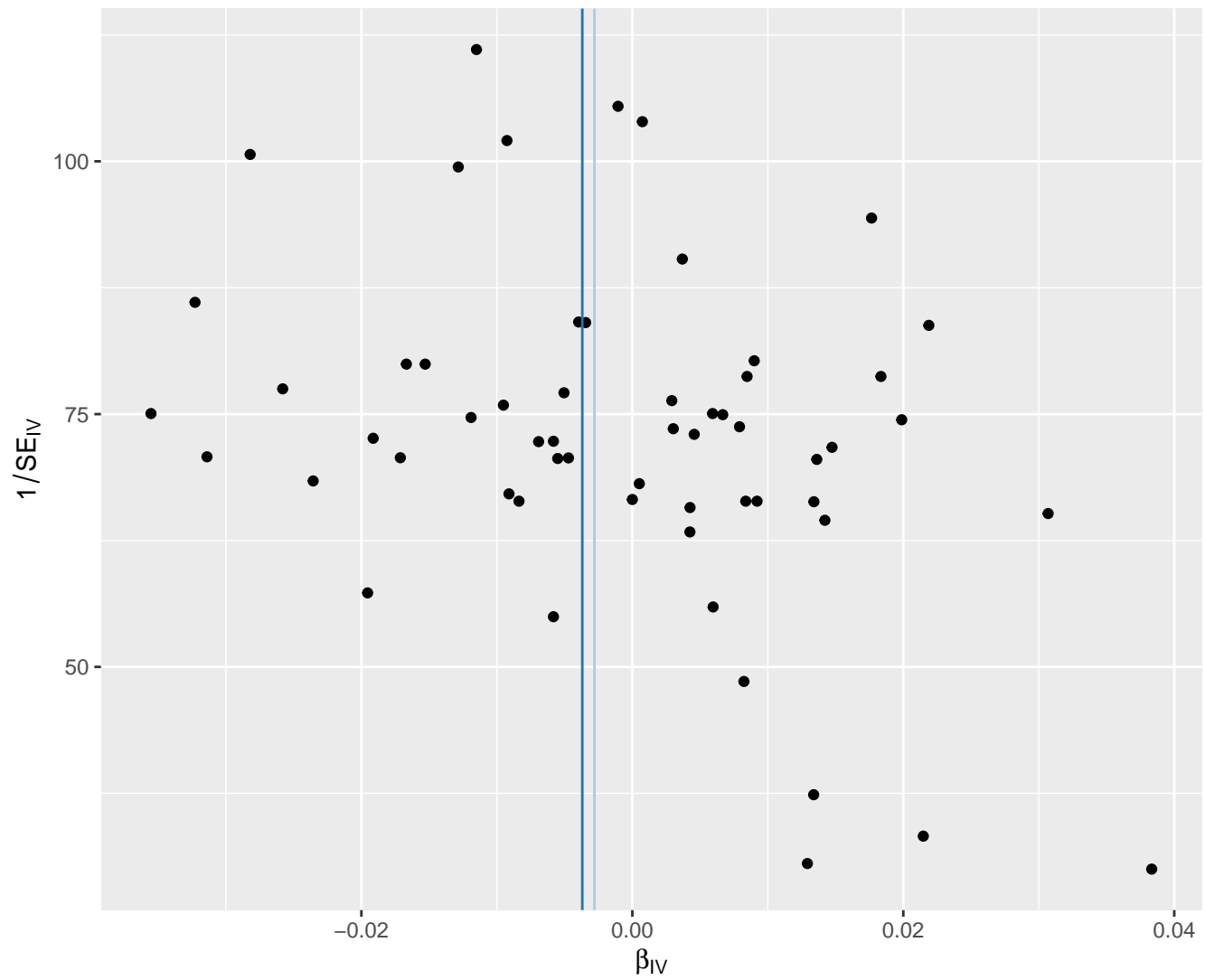
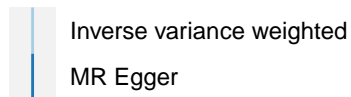
# 3-phenylpropionate (hydrocinnamate)

MR Method



# 4-acetamidobutanoate

MR Method



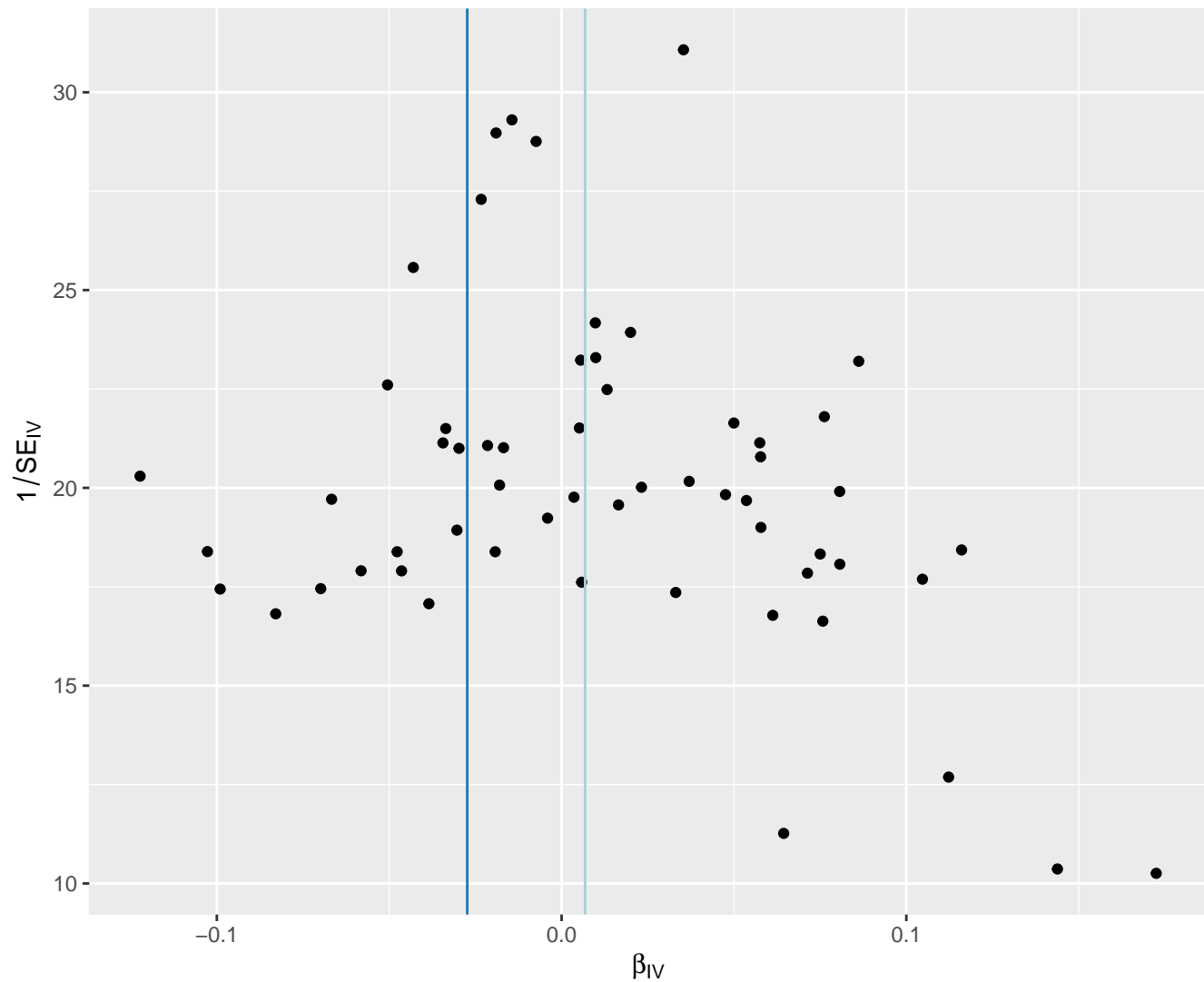
# 4-androsten-3beta,17beta-diol disulfate 1\*

MR Method

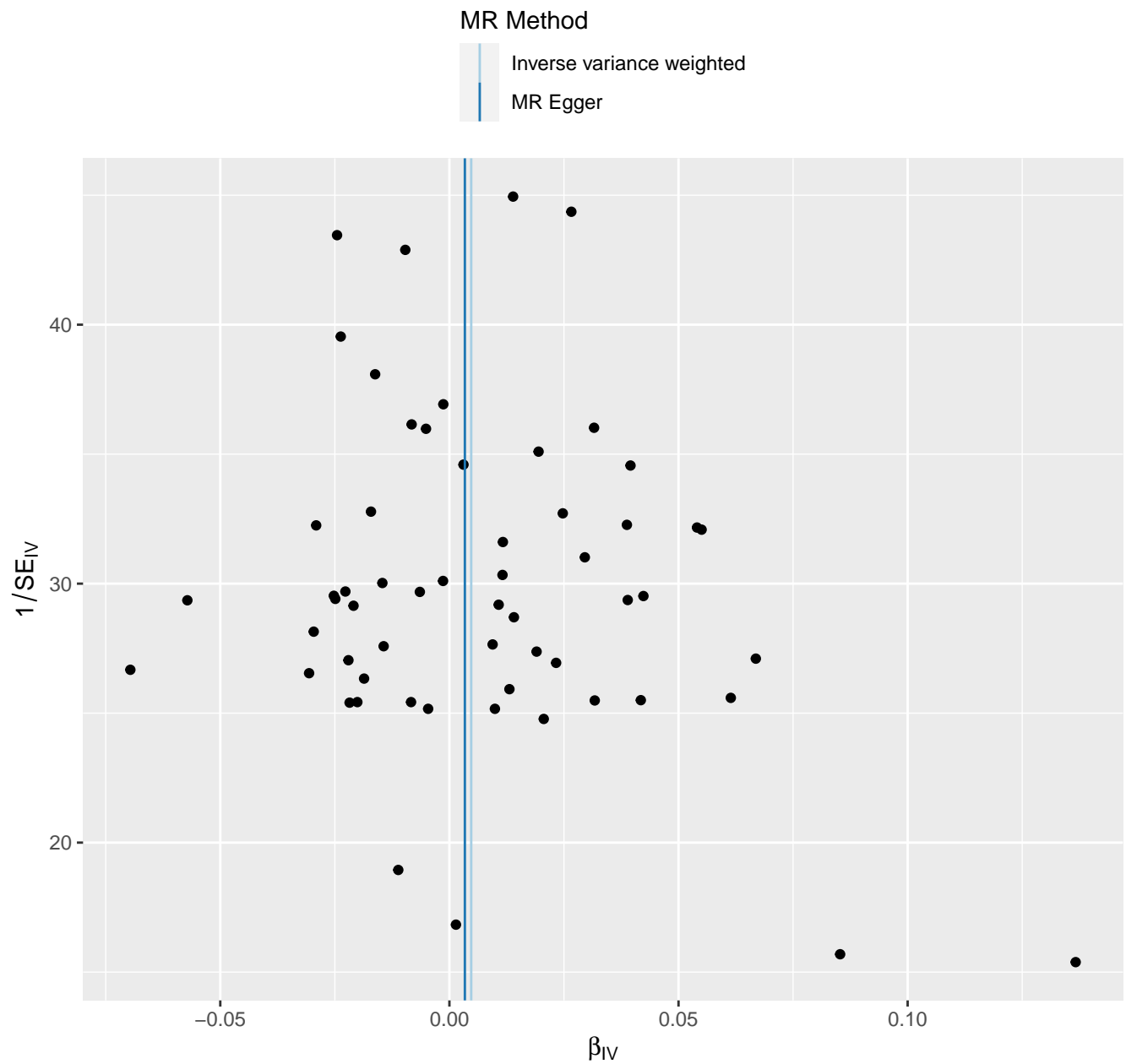


Inverse variance weighted

MR Egger



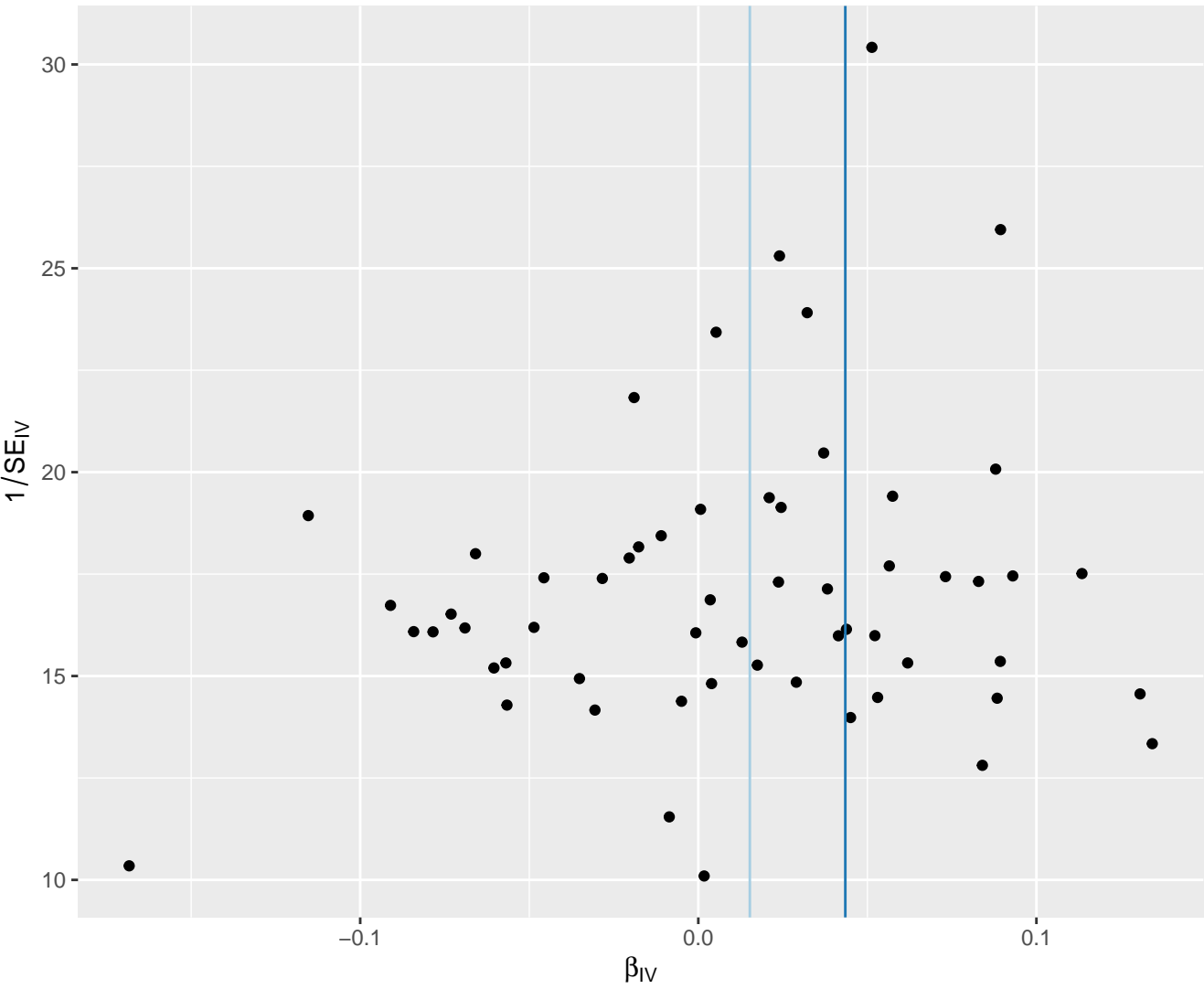
4-androsten-3beta,17beta-diol disulfate 2\*



4-hydroxyhippurate

MR Method

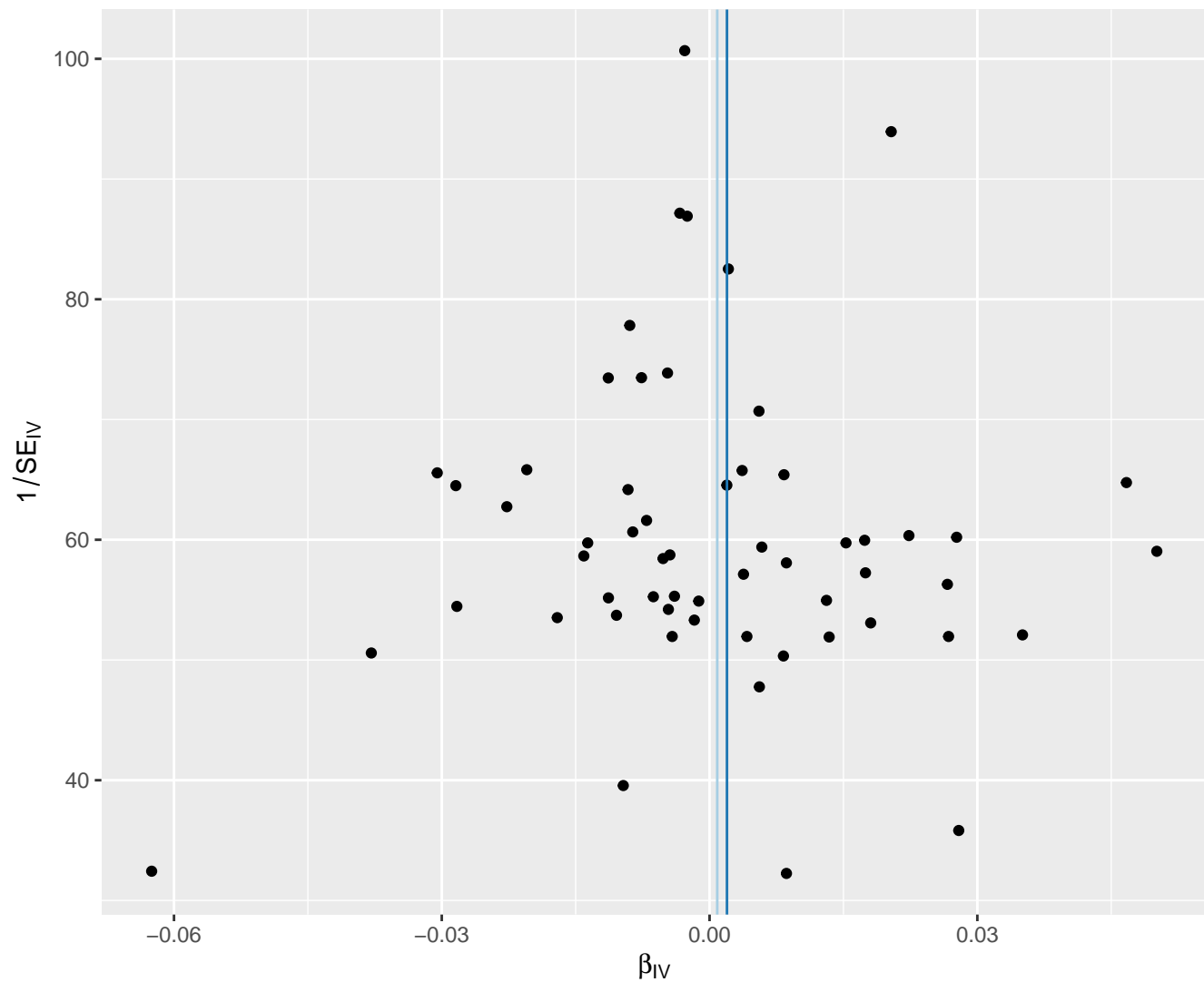
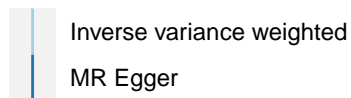
- Inverse variance weighted
- MR Egger



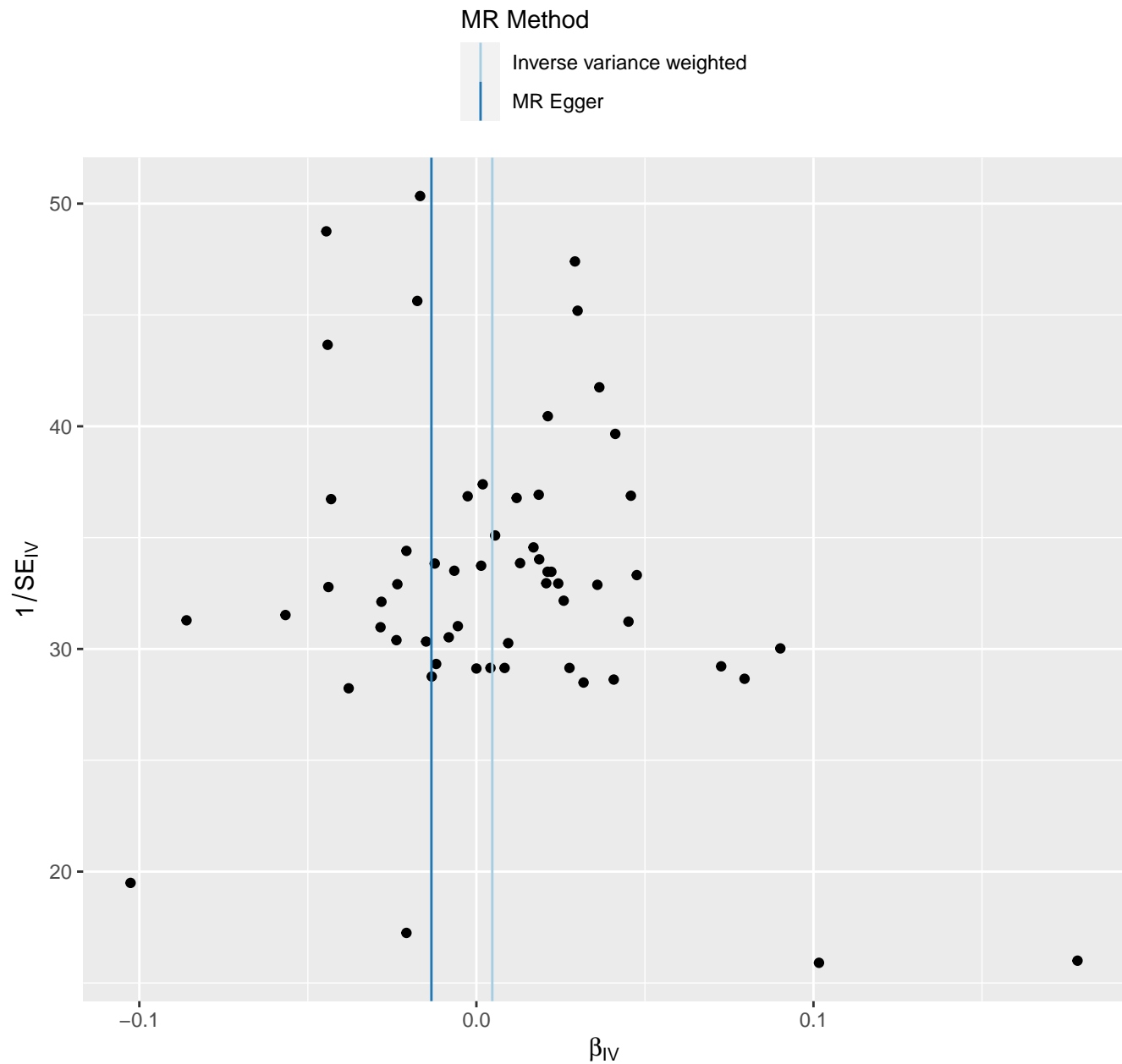


# 4-methyl-2-oxopentanoate

MR Method

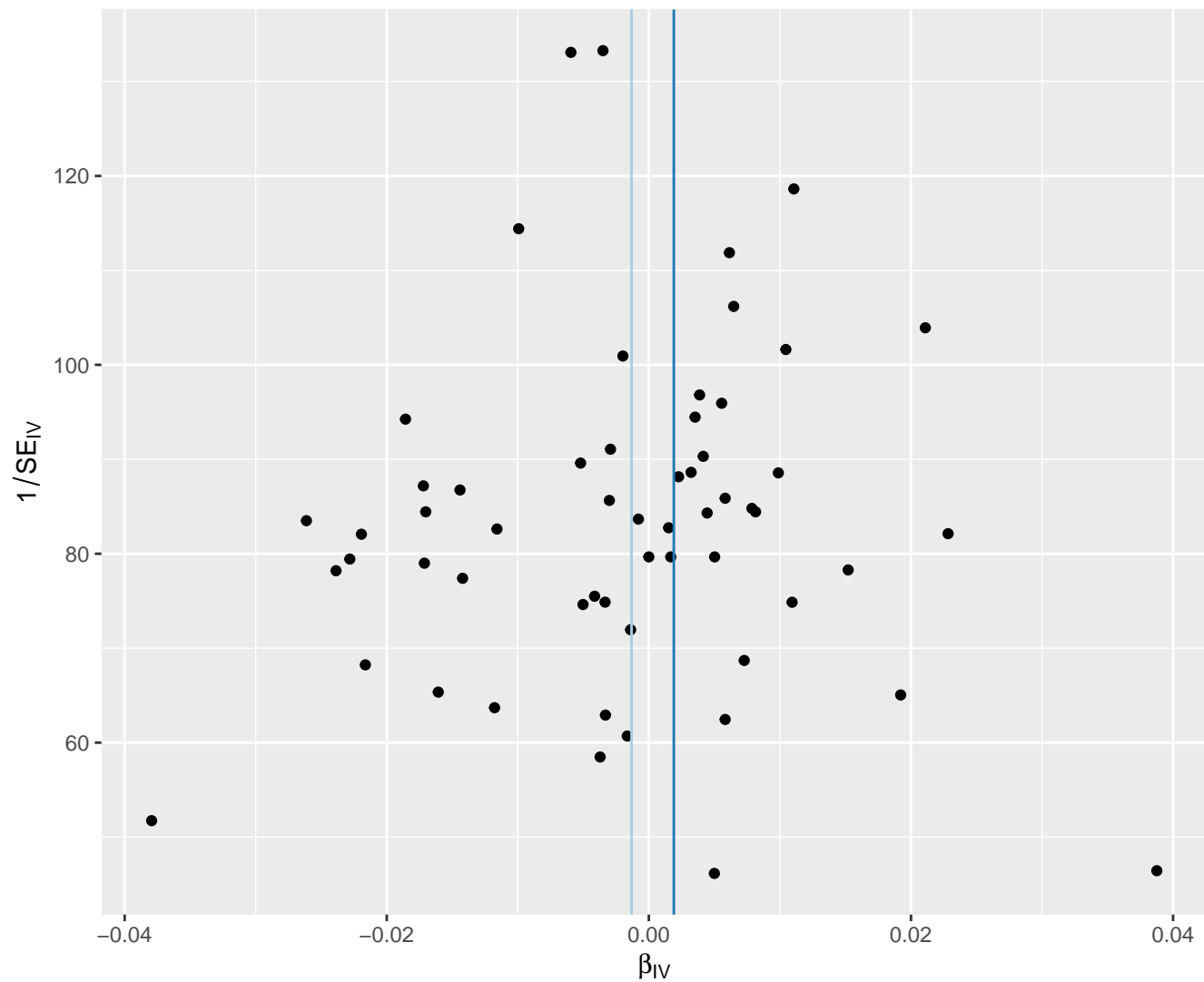
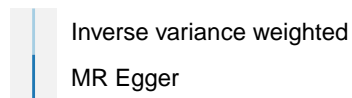


# 5-dodecenoate (12:1n7)



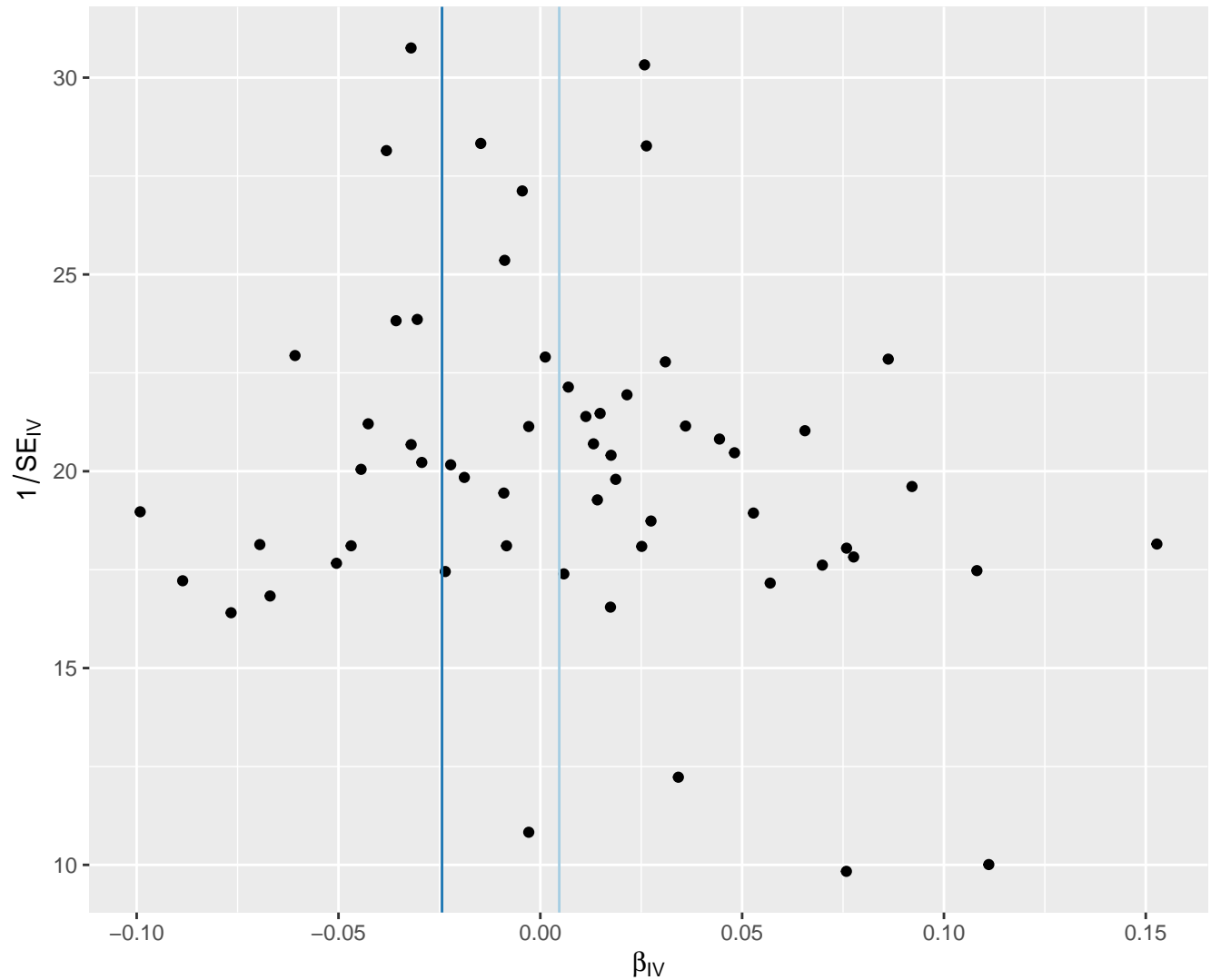
# 5-oxoproline

MR Method

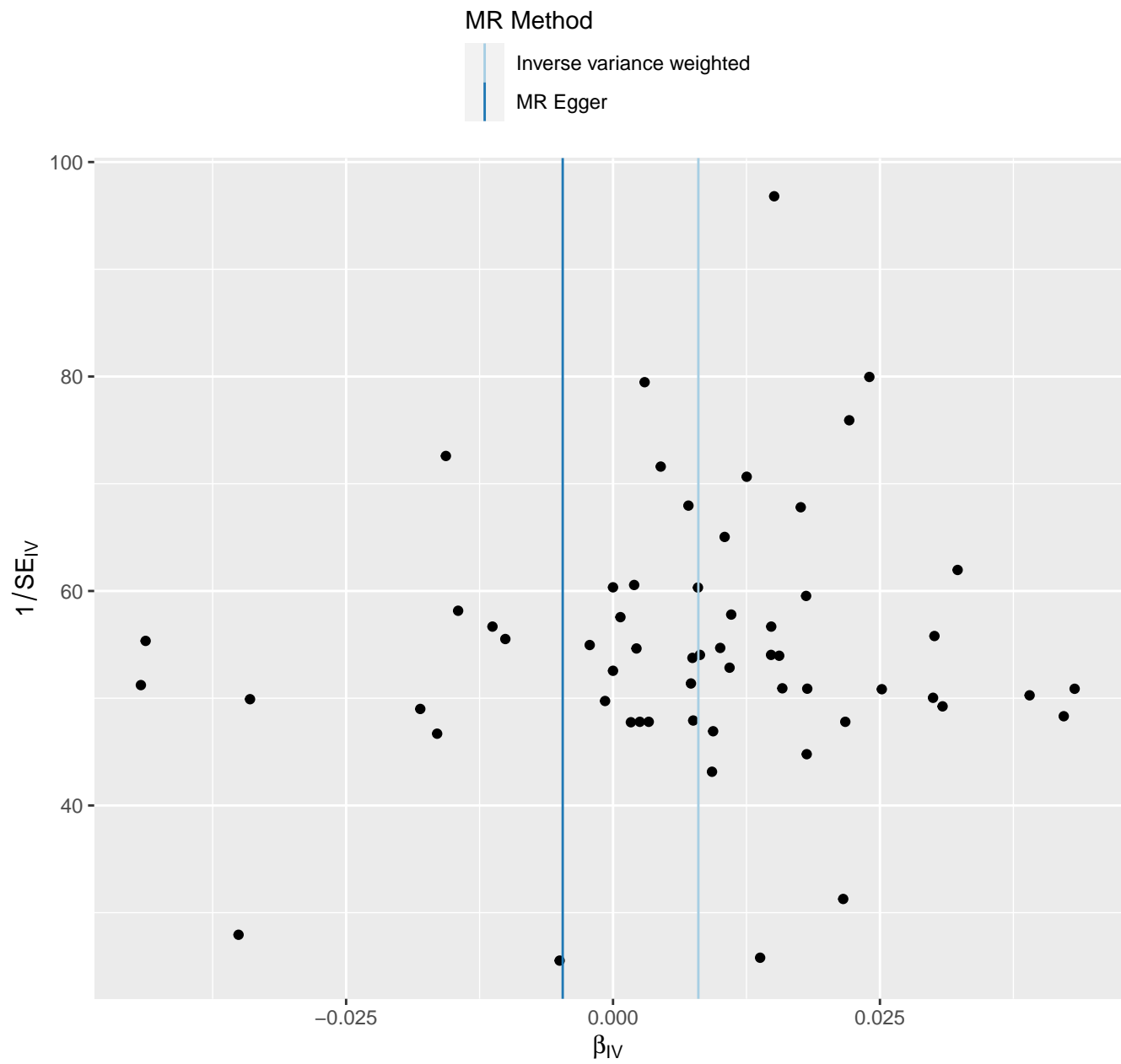


# 5alpha-androstan-3beta,17beta-diol disulfate

MR Method

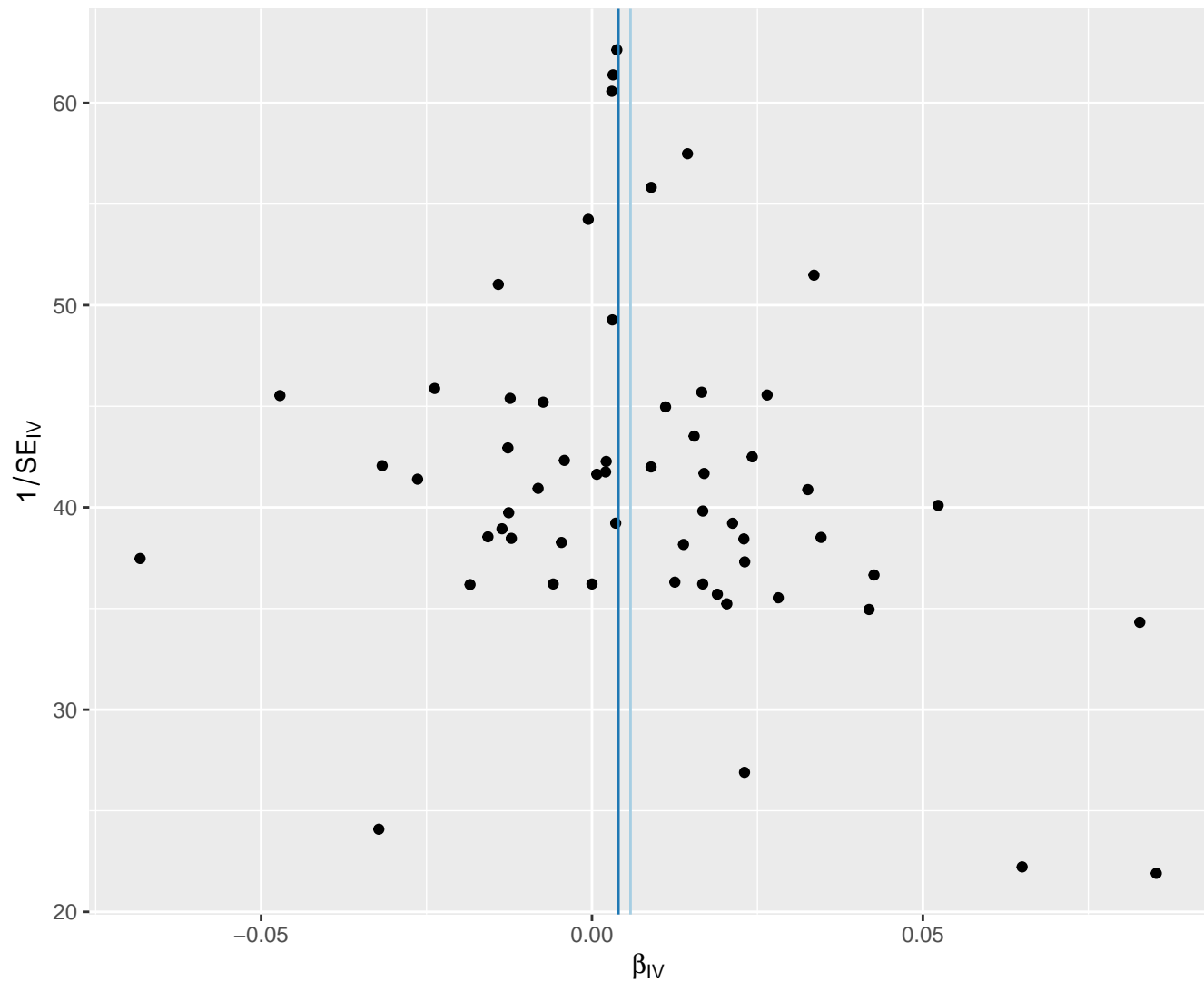


# 7- $\alpha$ -hydroxy-3-oxo-4-cholestenoate (7-Hoca)



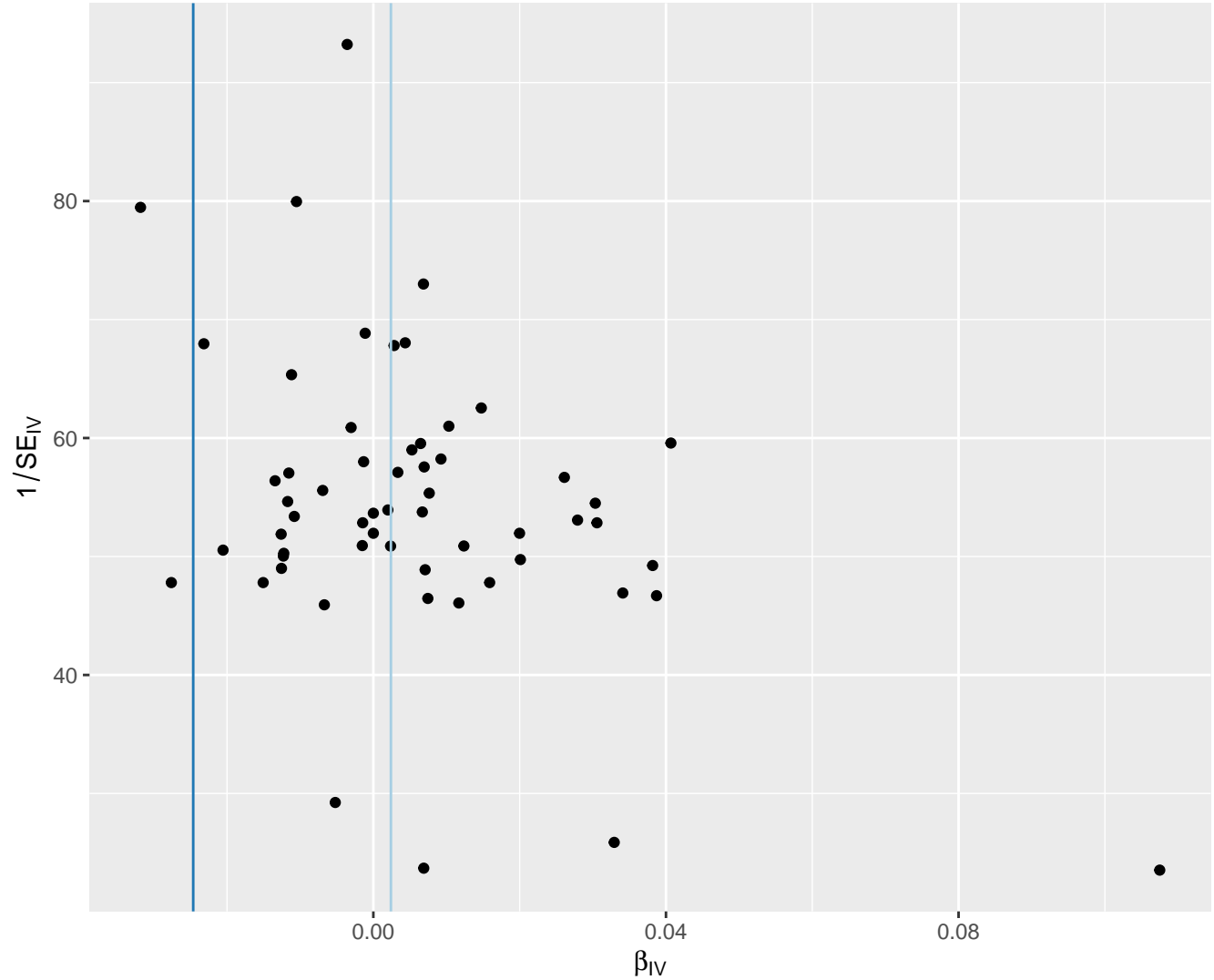
# 7-methylguanine

MR Method



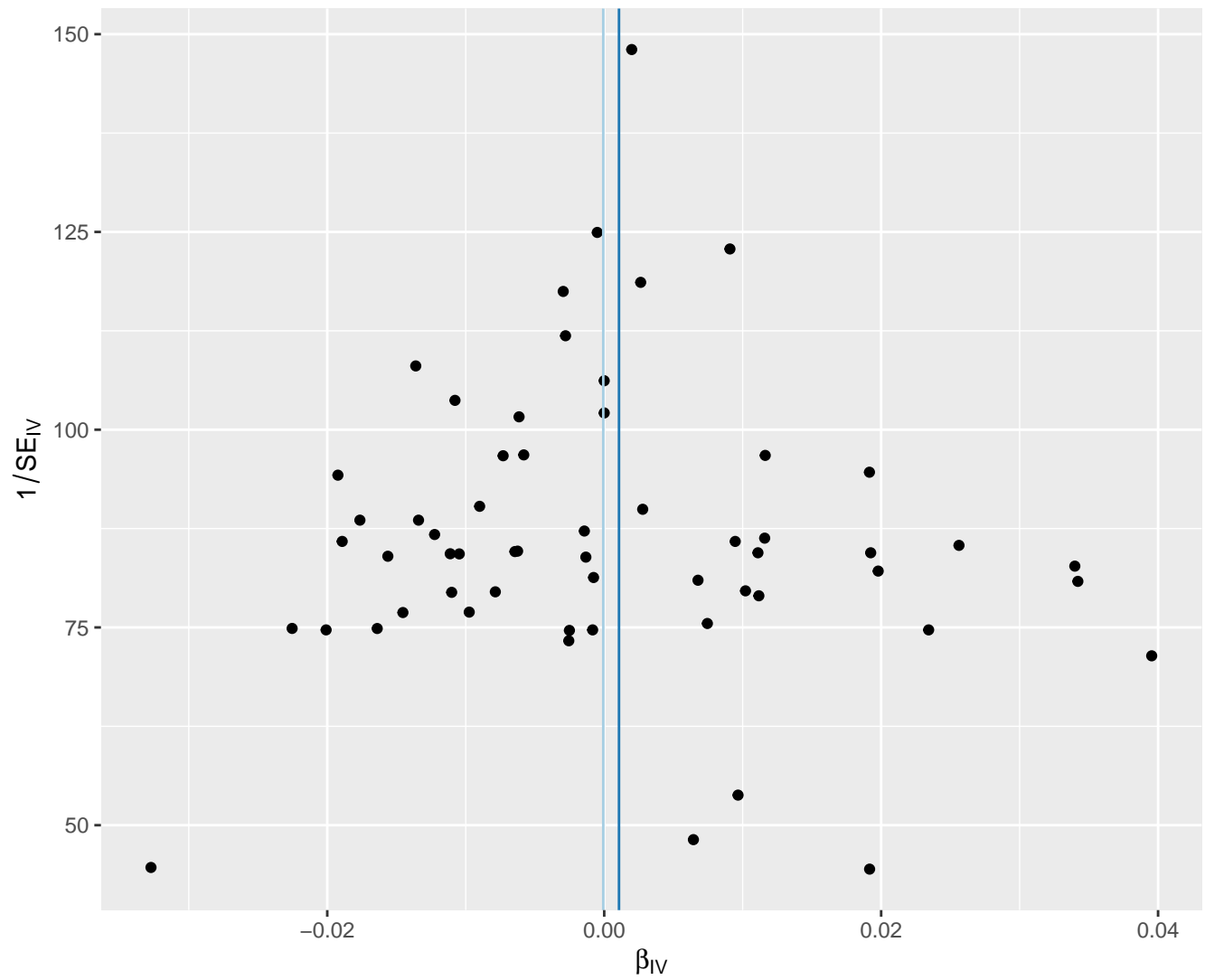
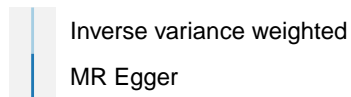
# Acetylcarnitine

MR Method



# Acetylphosphate

MR Method





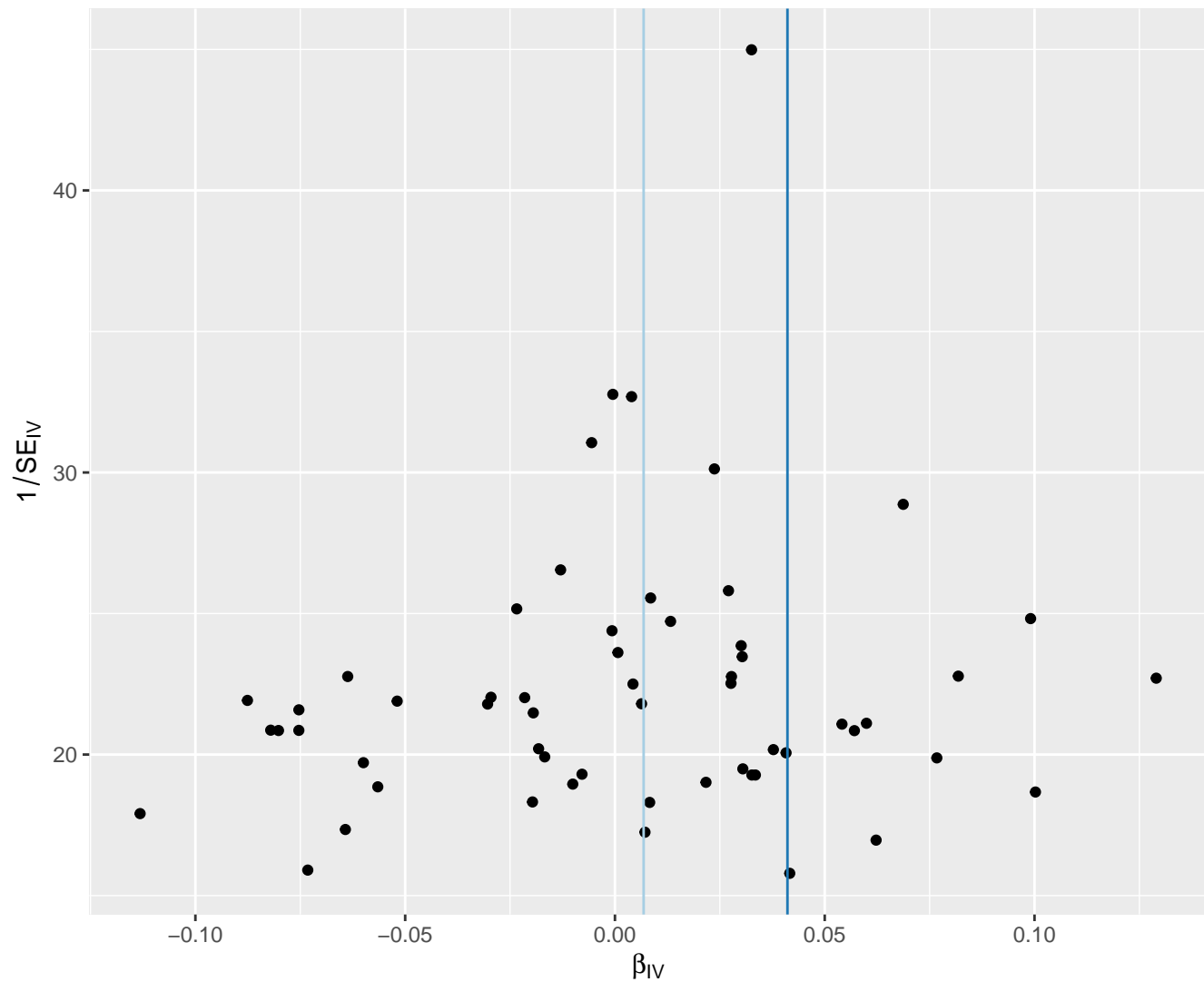
ADpSGEGDFXAEggGVR\*

MR Method



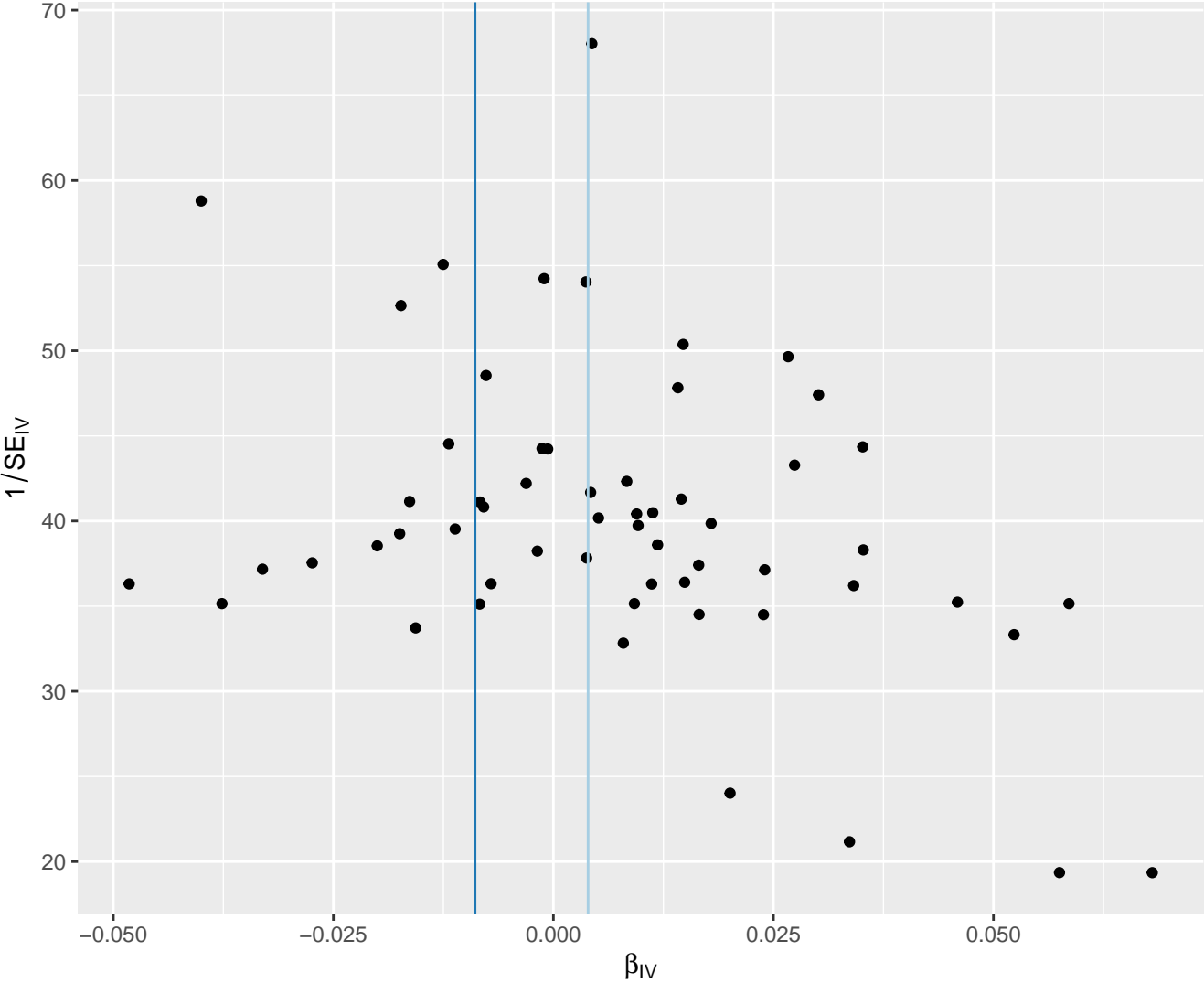
Inverse variance weighted

MR Egger



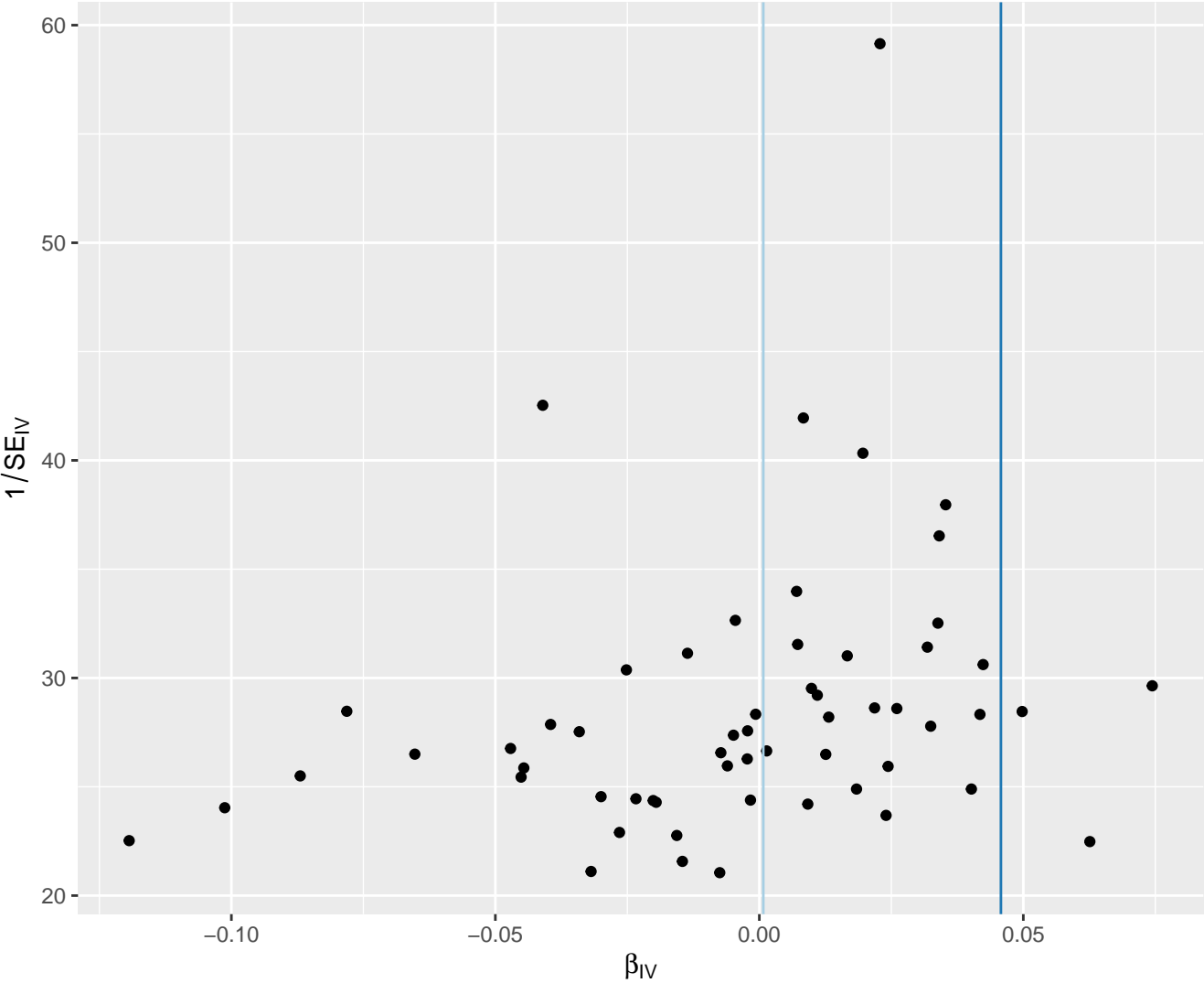
Adrenate (22:4n6)

MR Method



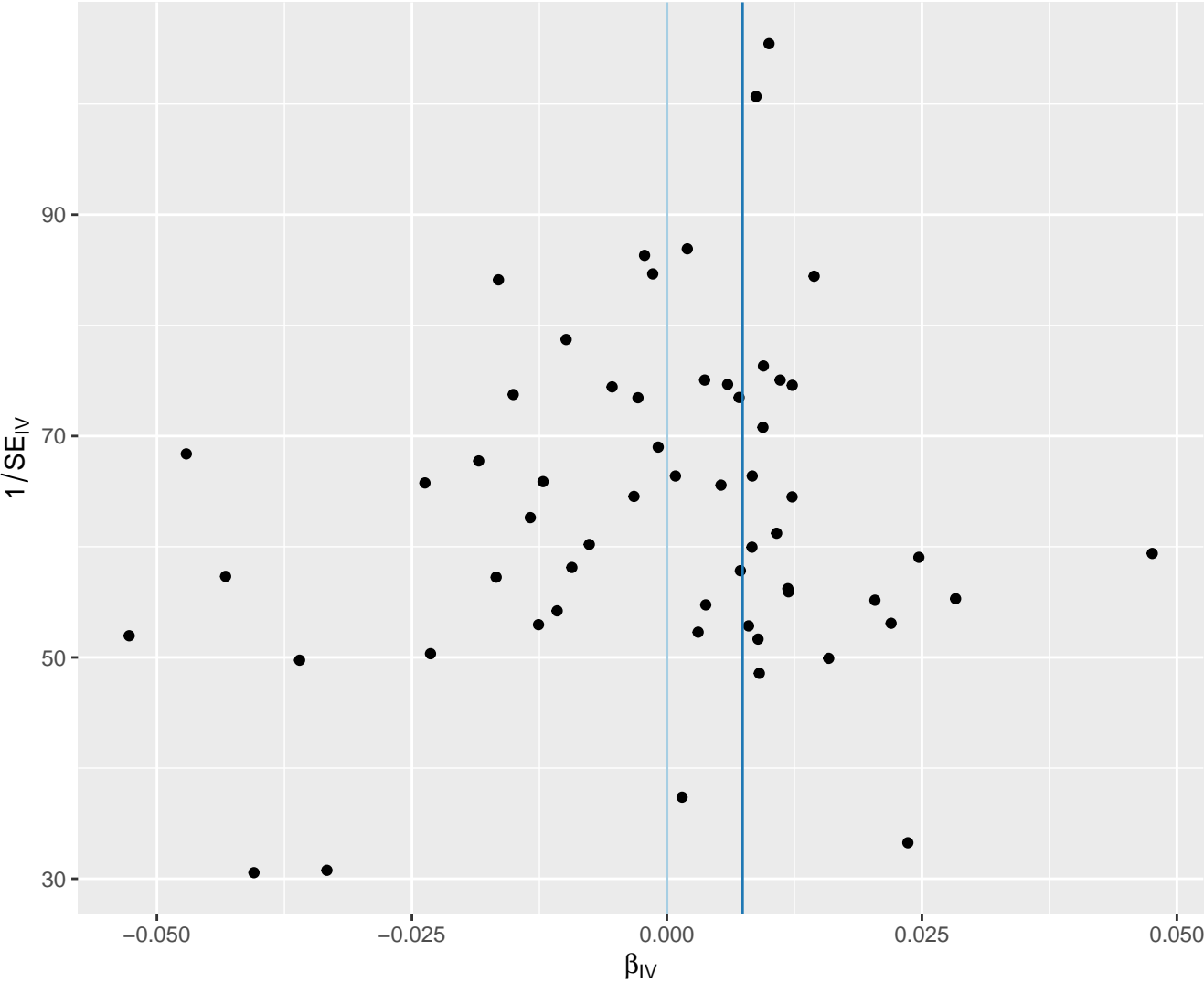
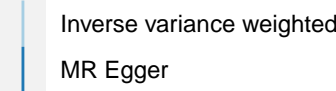
MR Method

- Inverse variance weighted
- MR Egger



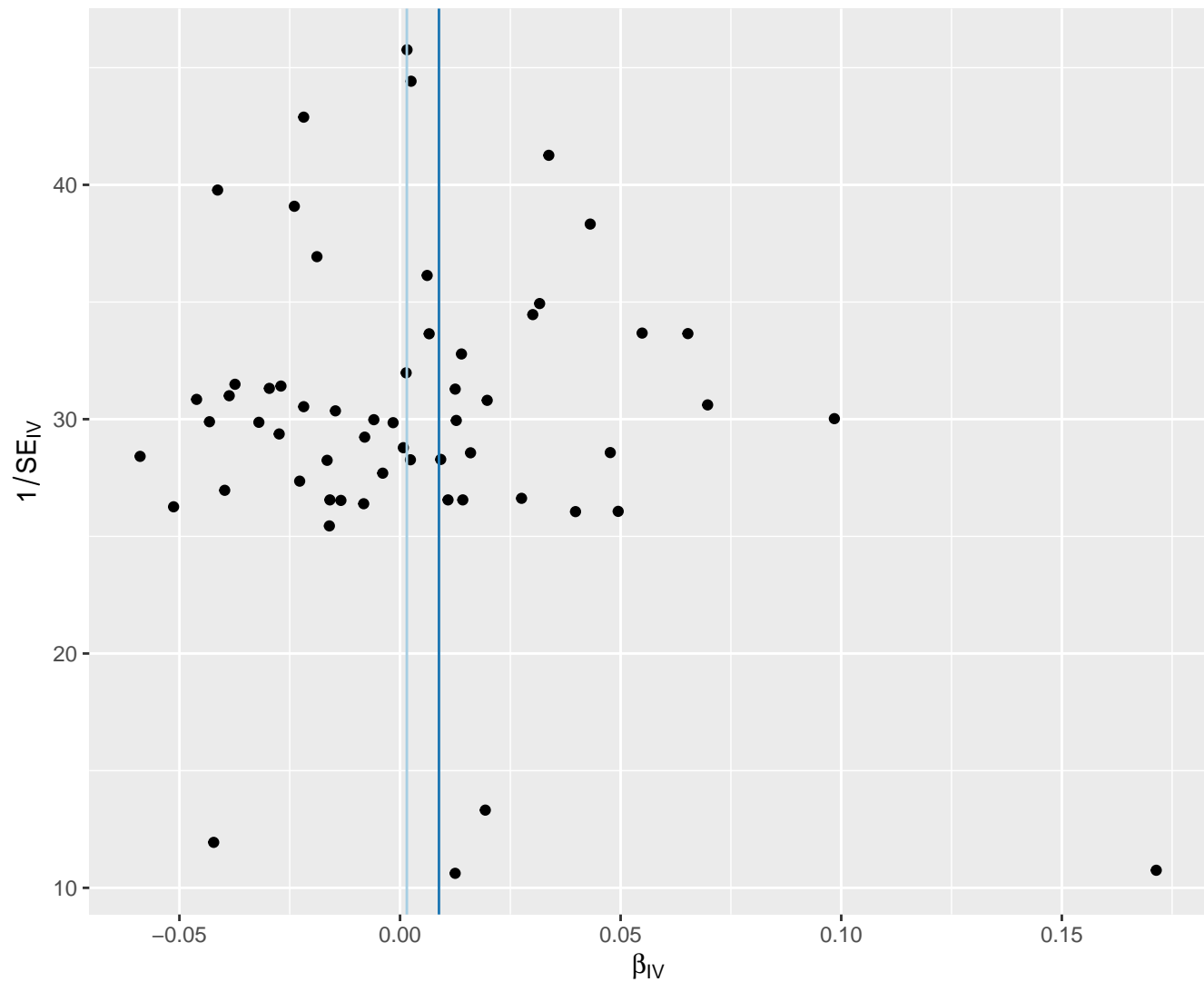
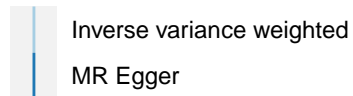
Alanine

MR Method



# Allantoin

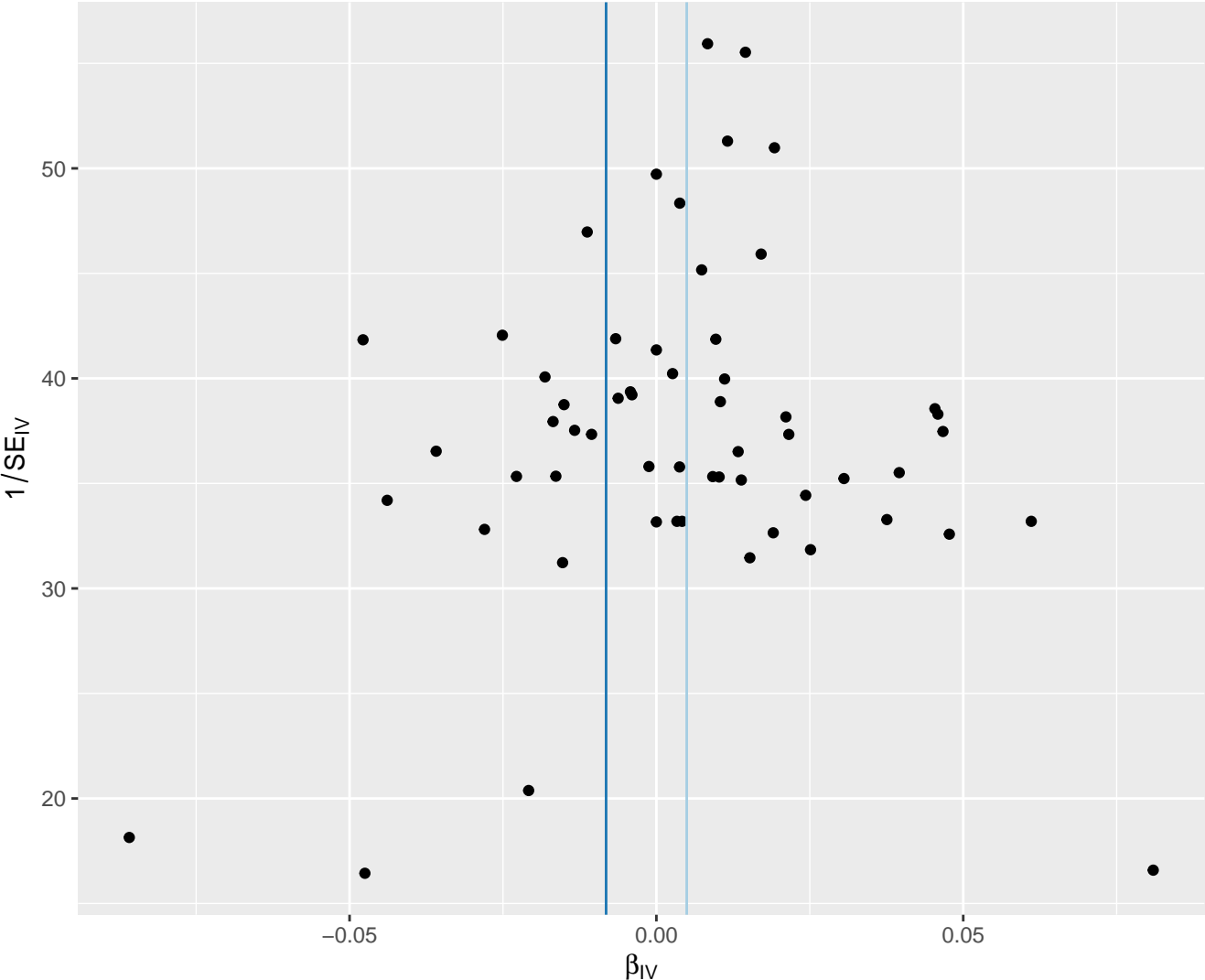
## MR Method



# Alpha-hydroxyisovalerate

MR Method

- Inverse variance weighted
- MR Egger



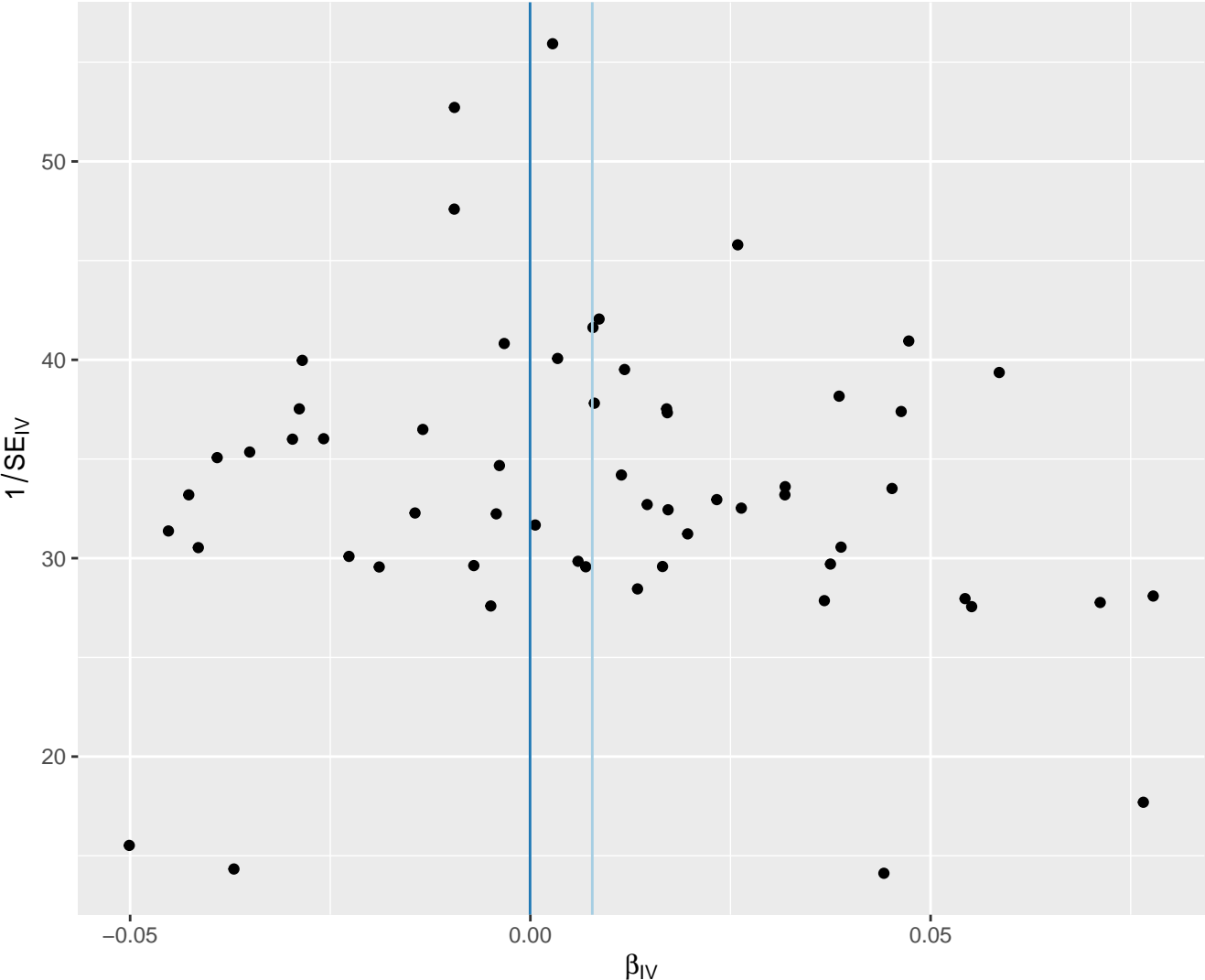
# Alpha-ketoglutarate

MR Method



Inverse variance weighted

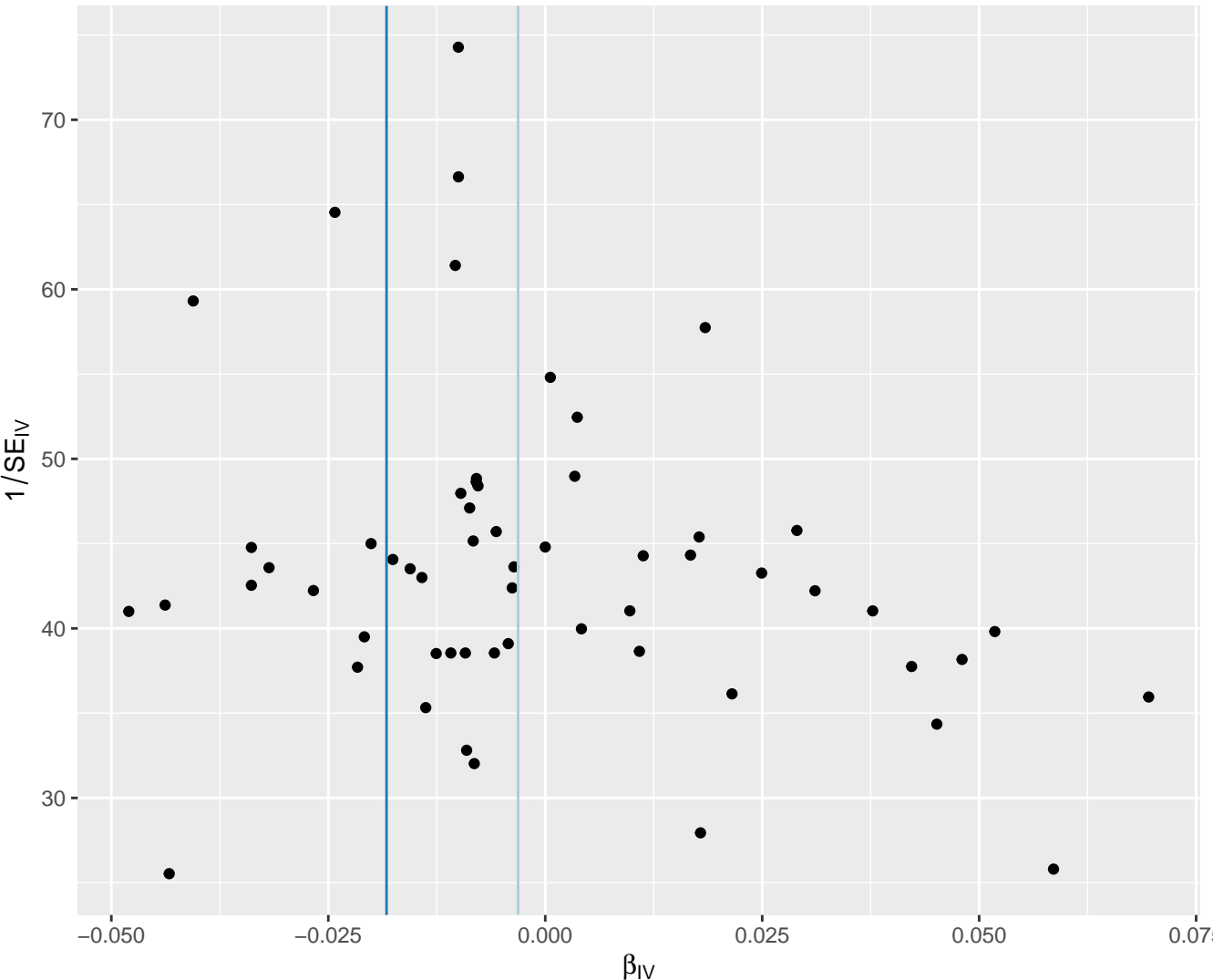
MR Egger



# Alpha-tocopherol

MR Method

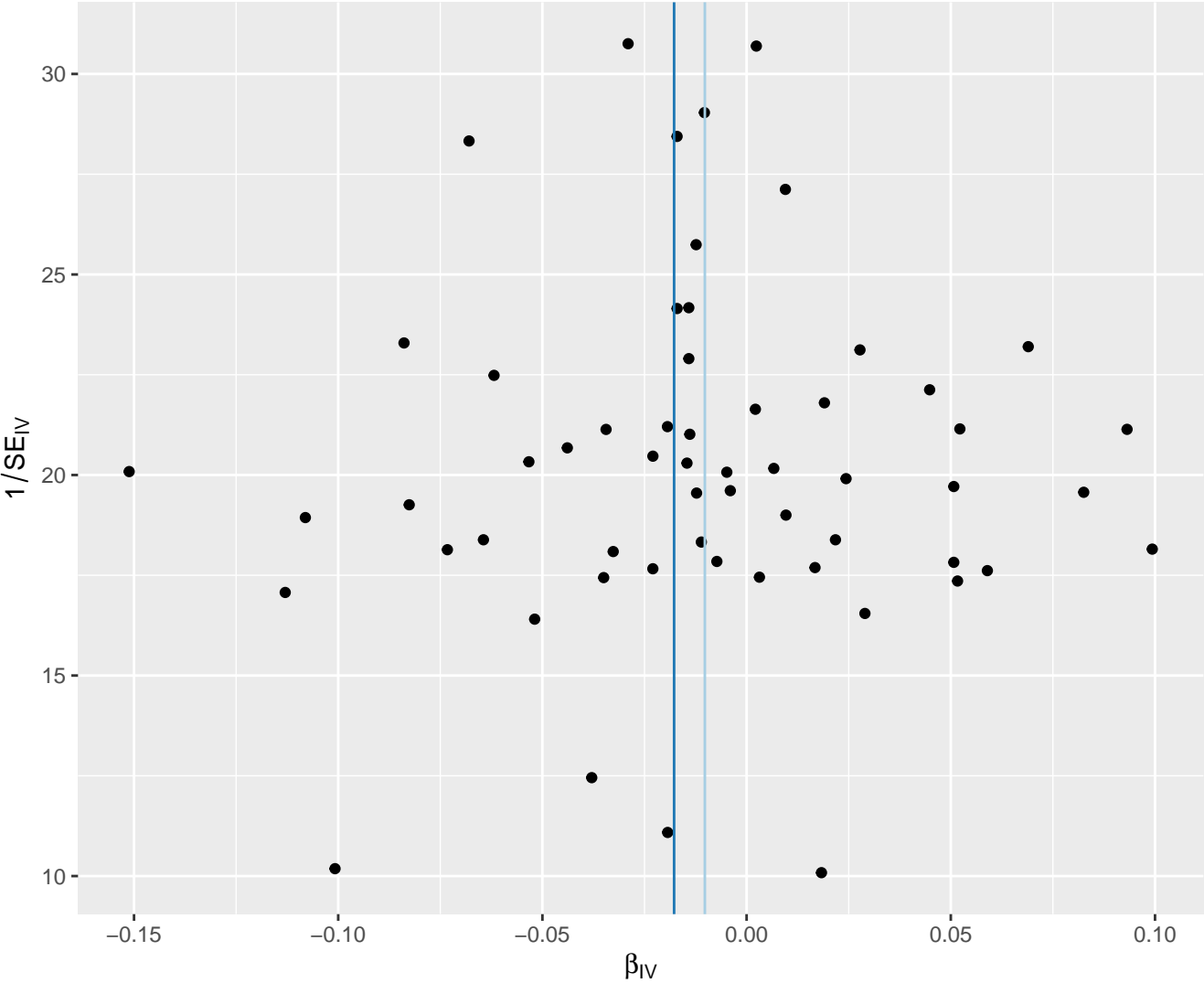
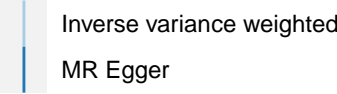
- Inverse variance weighted
- MR Egger





# Androsterone sulfate

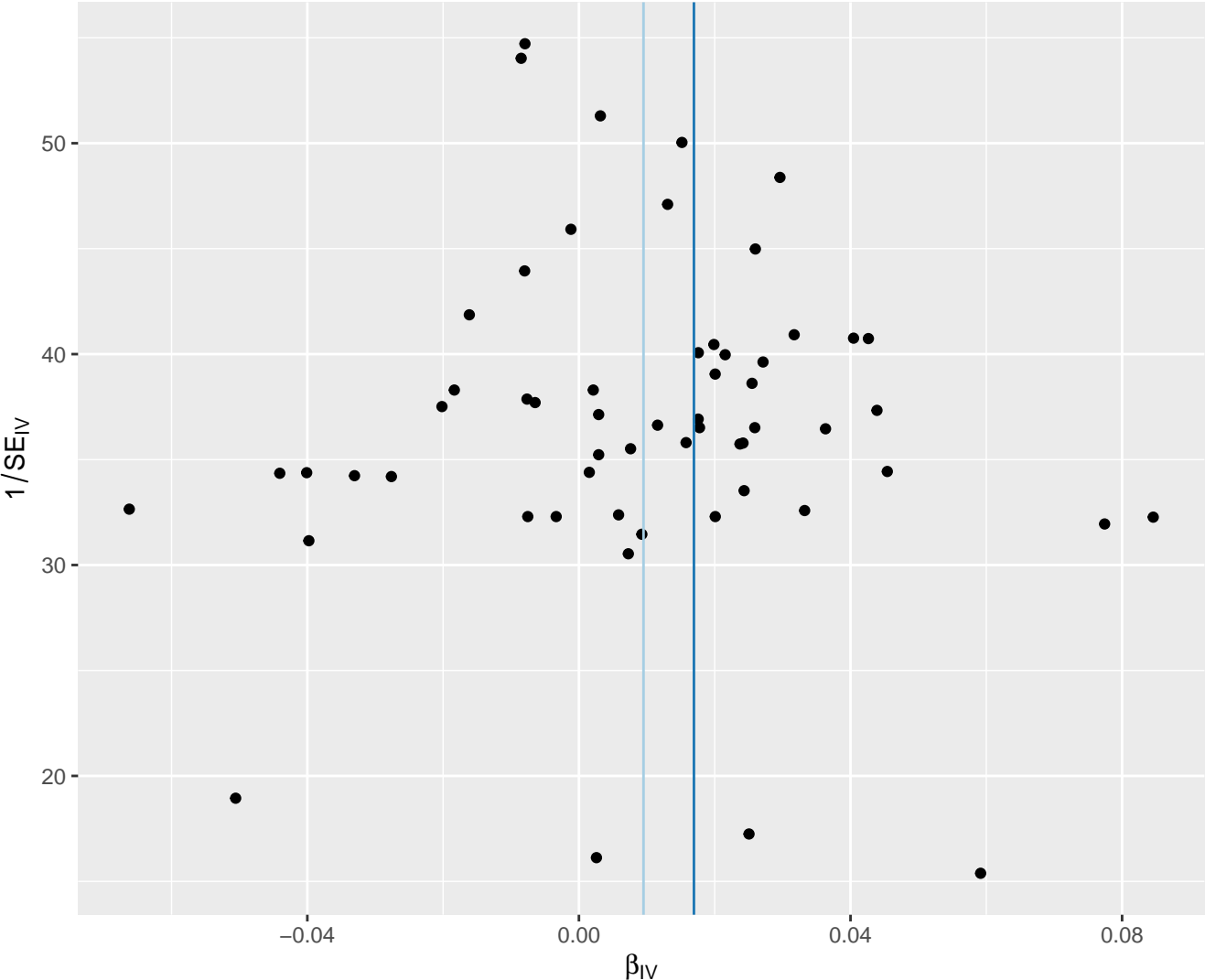
MR Method



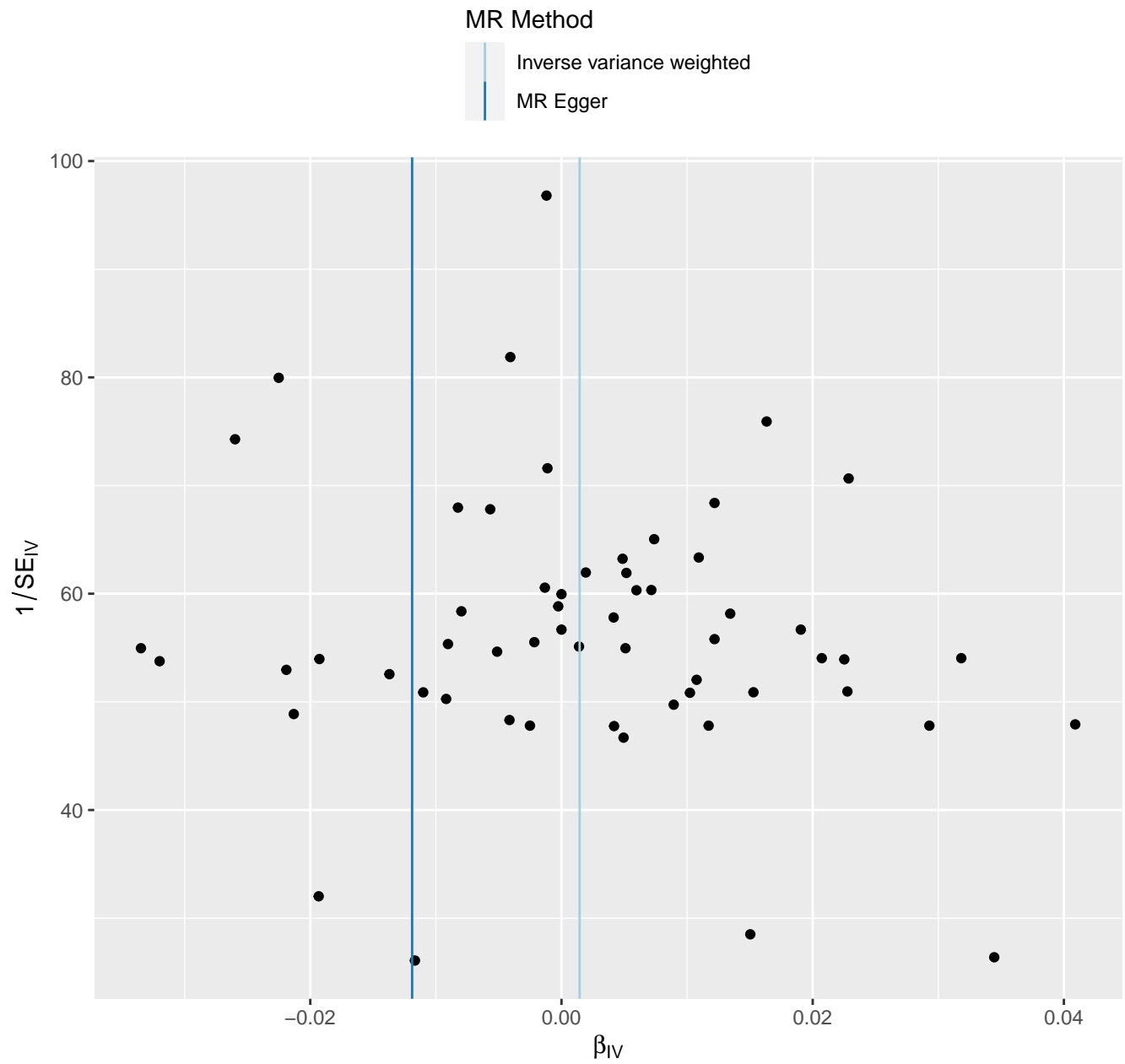
# Arabinose

MR Method

- Inverse variance weighted
- MR Egger



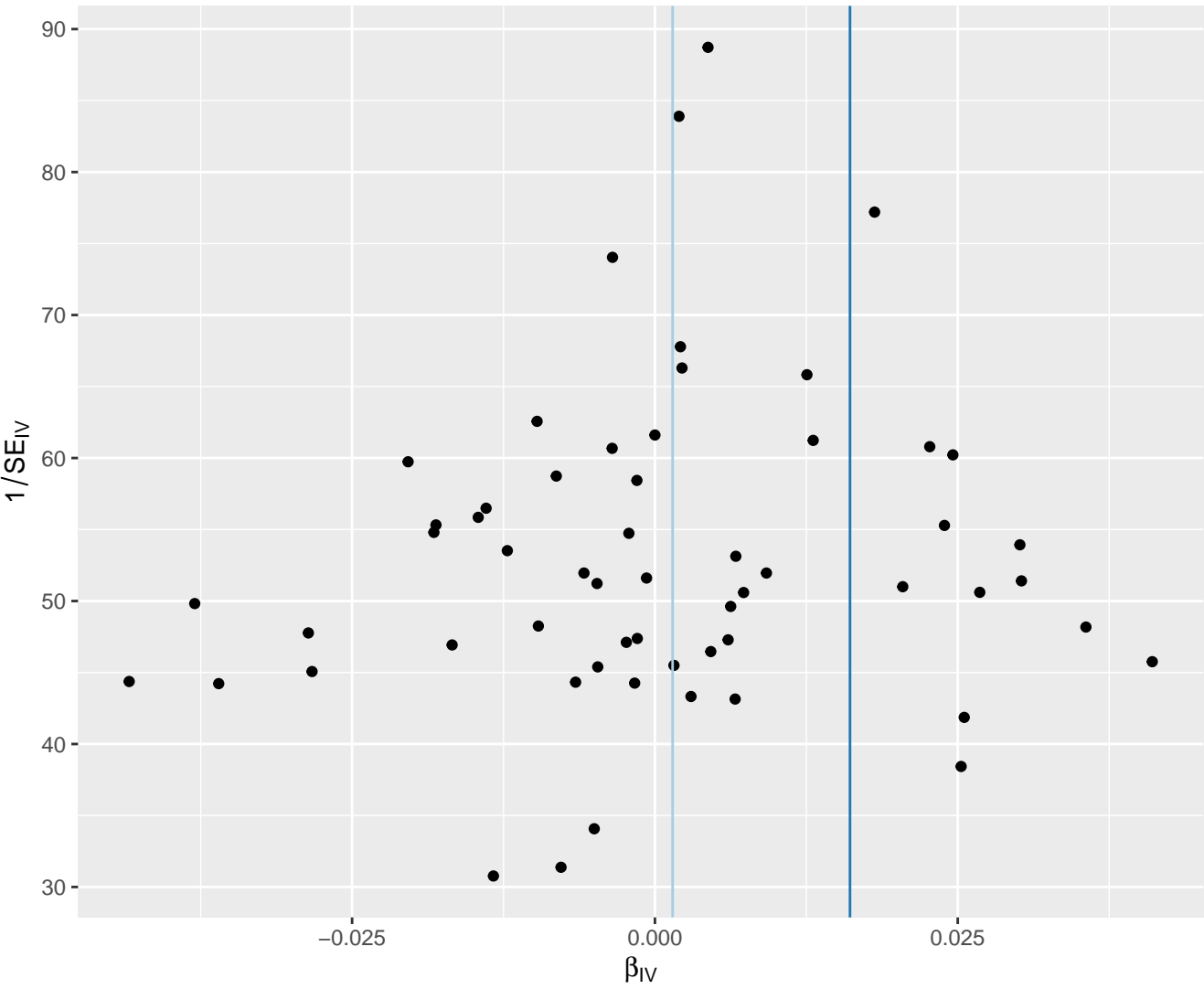
# Arachidonate (20:4n6)



# Arginine

MR Method

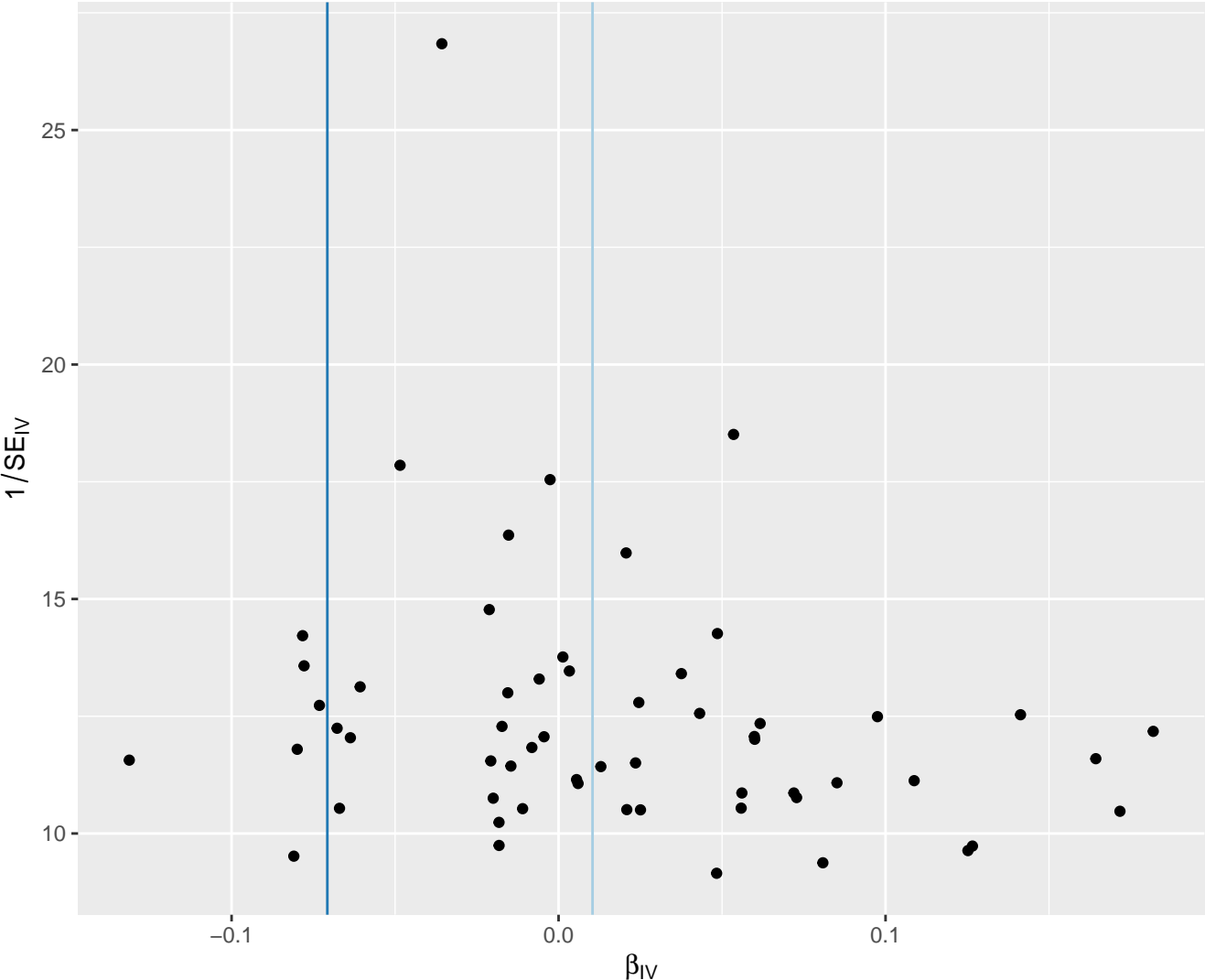
- Inverse variance weighted
- MR Egger



Ascorbate (Vitamin C)

MR Method

- Inverse variance weighted
- MR Egger



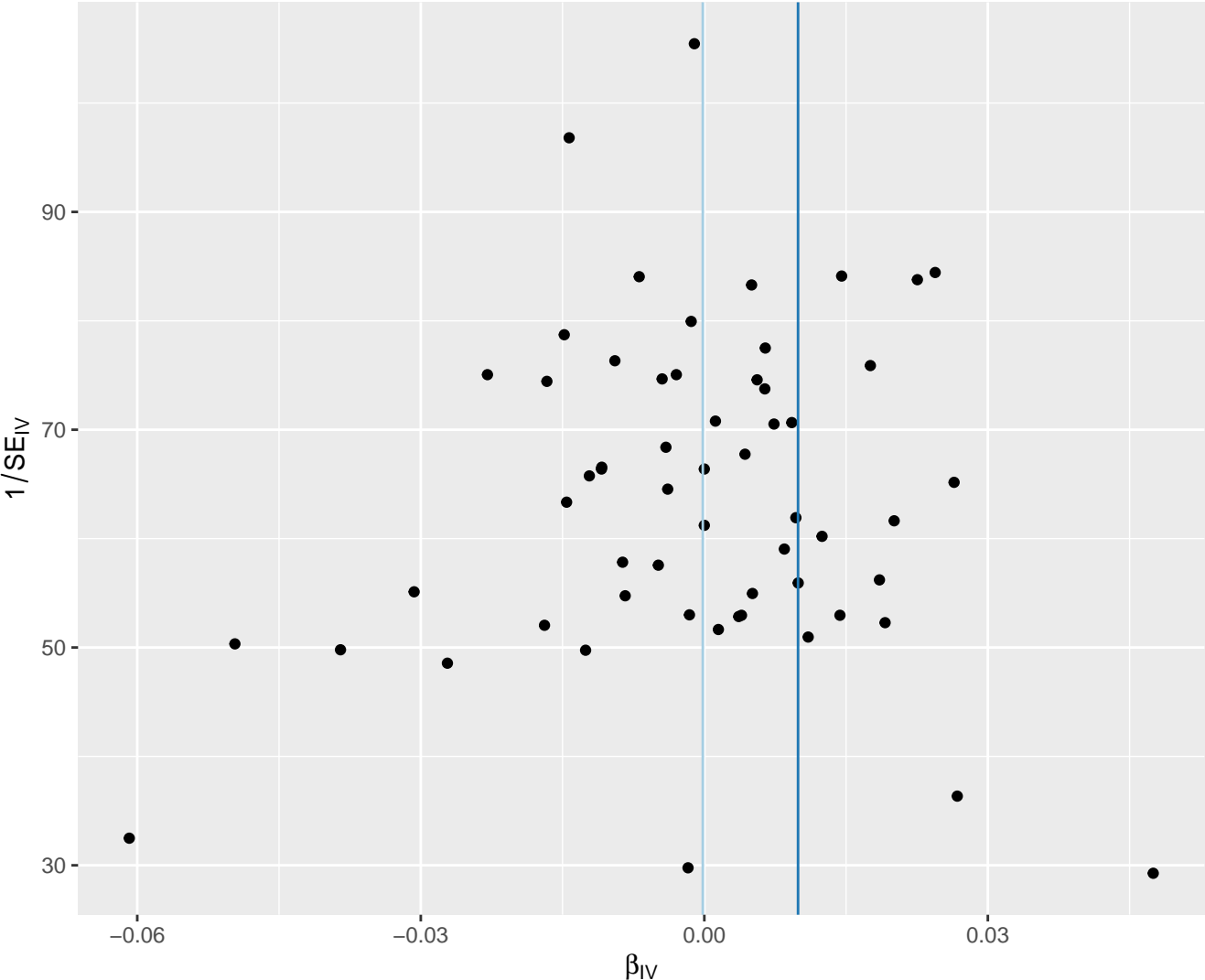
# Asparagine

MR Method



Inverse variance weighted

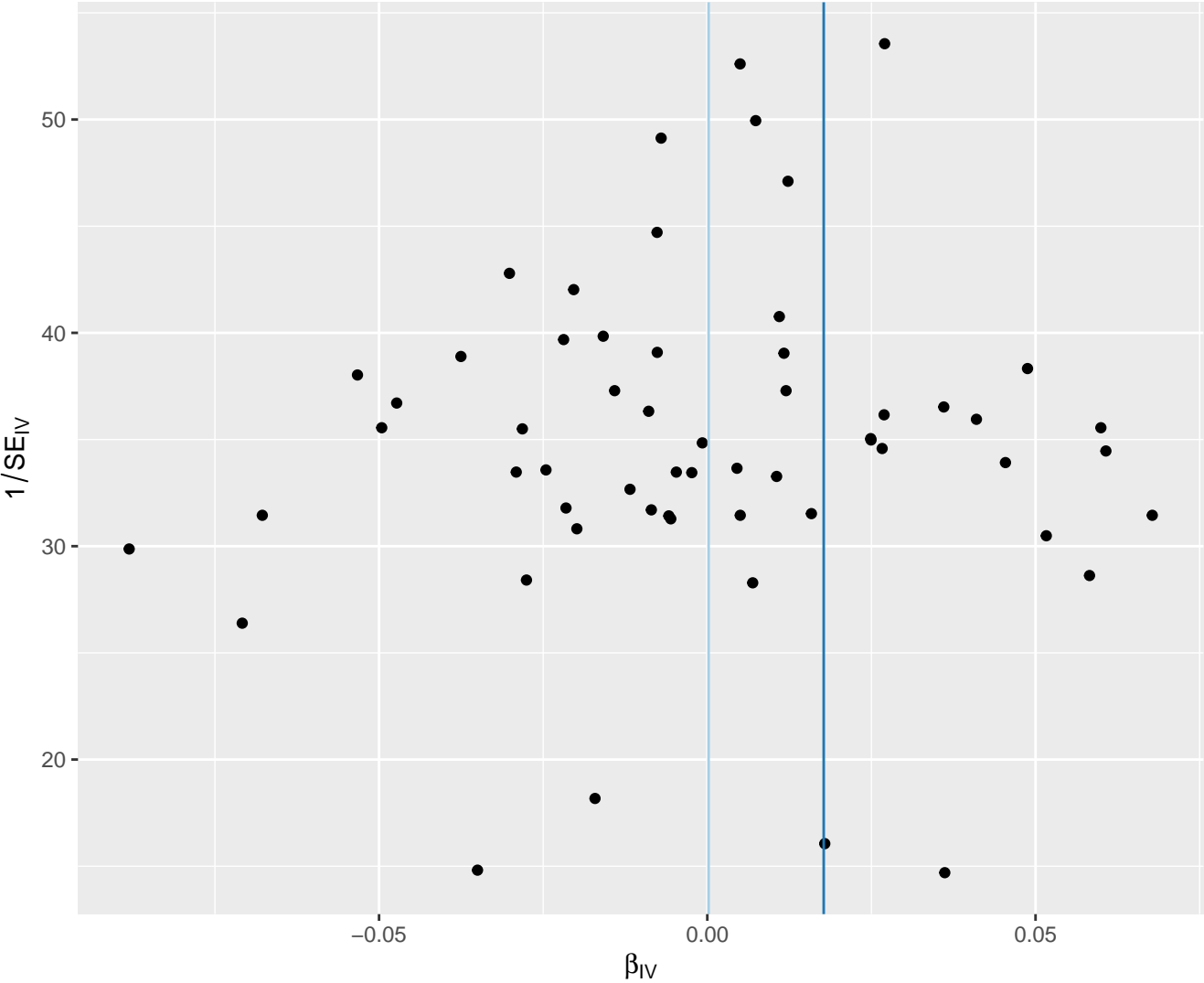
MR Egger



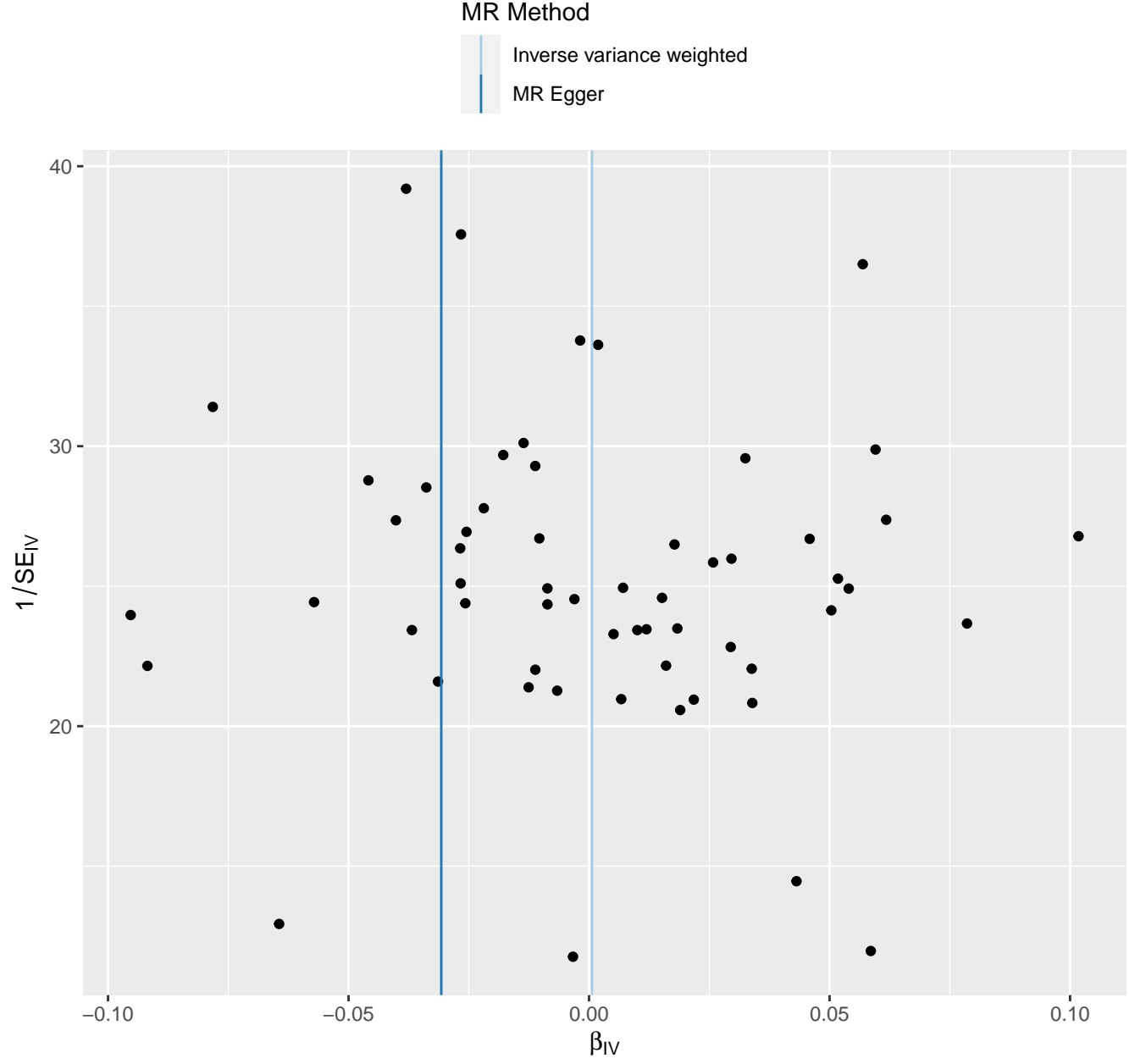
# Aspartate

MR Method

- Inverse variance weighted
- MR Egger



Aspartylphenylalanine

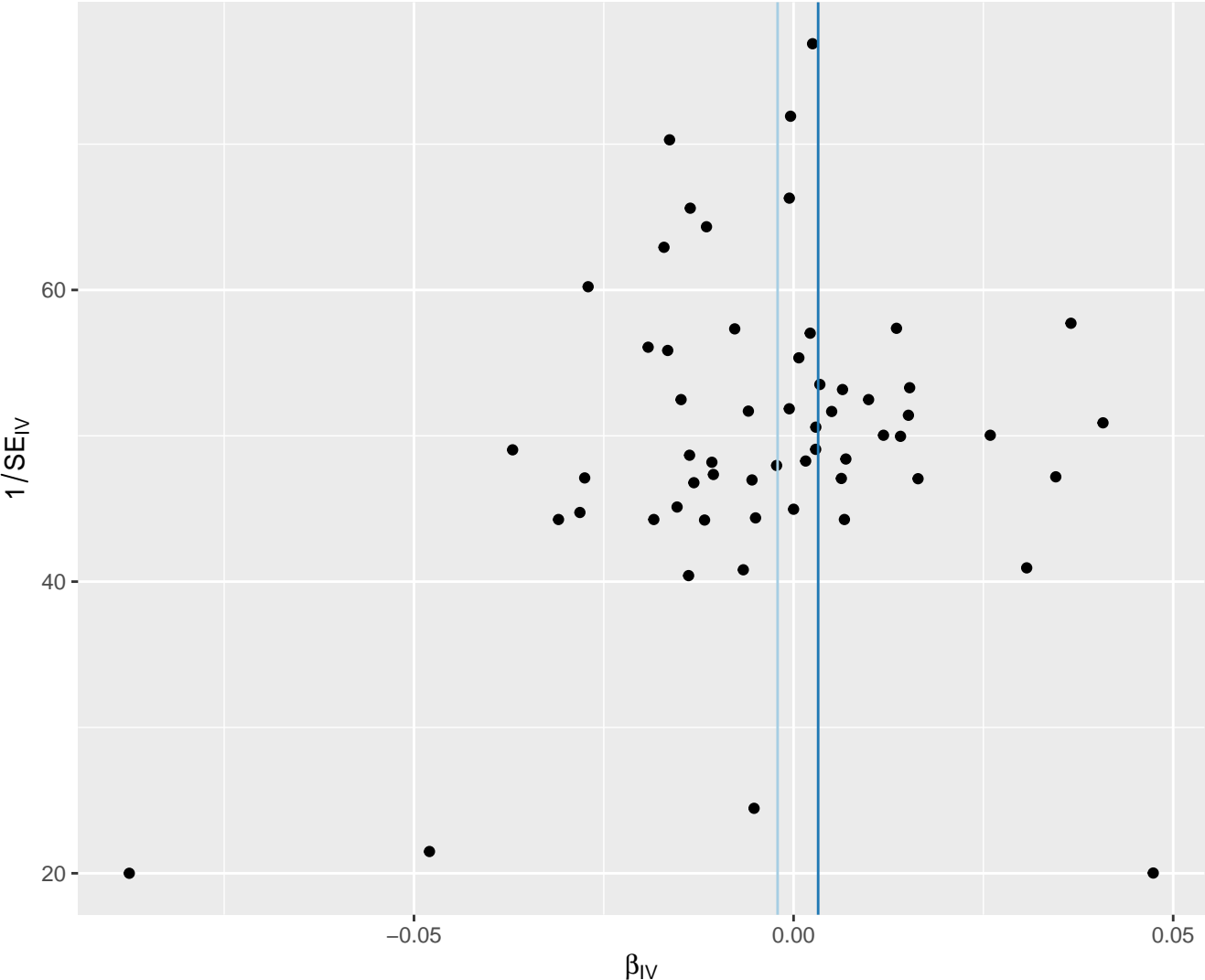




# Beta-hydroxyisovalerate

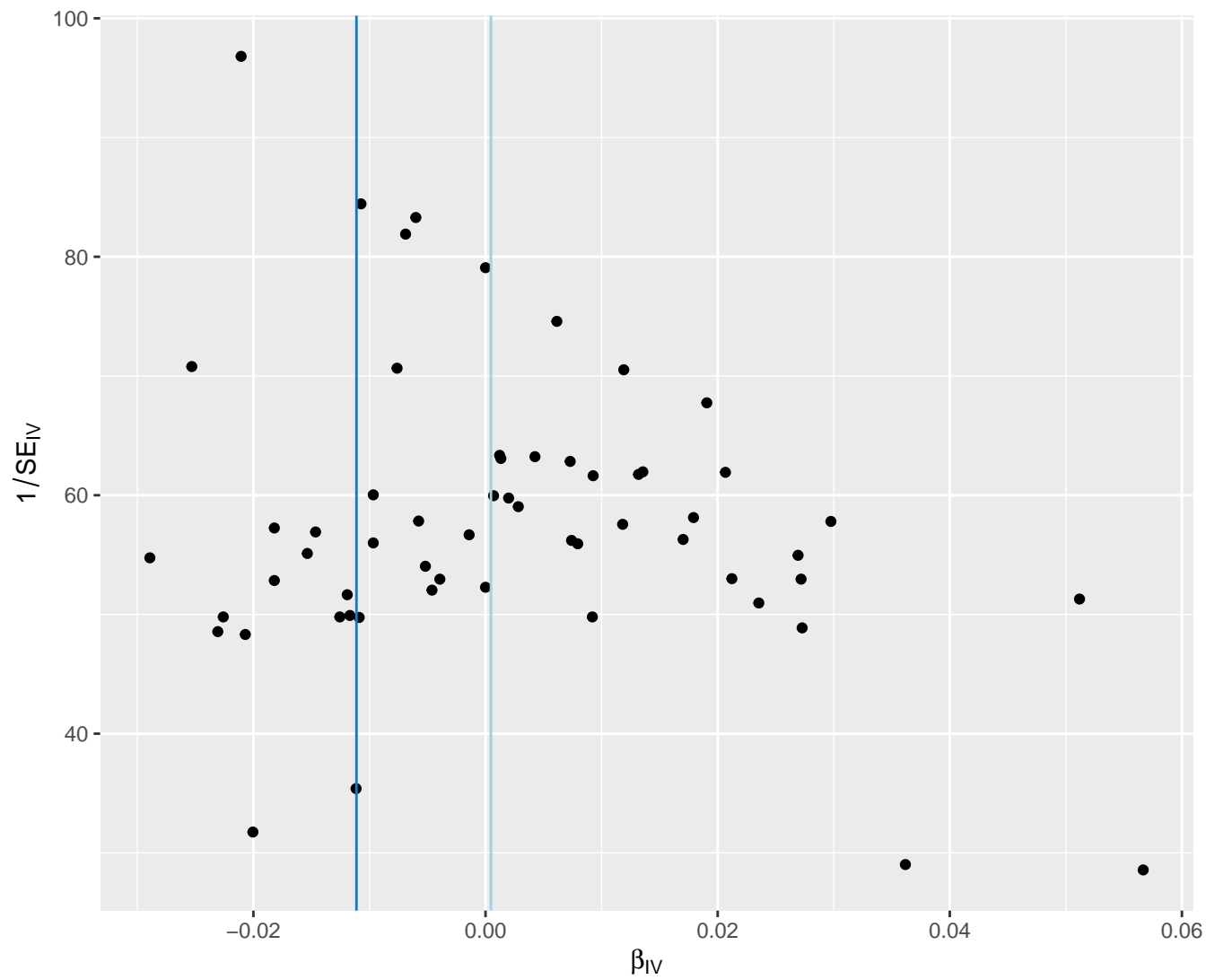
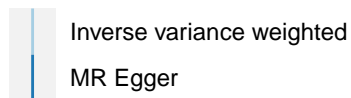
MR Method

- Inverse variance weighted
- MR Egger



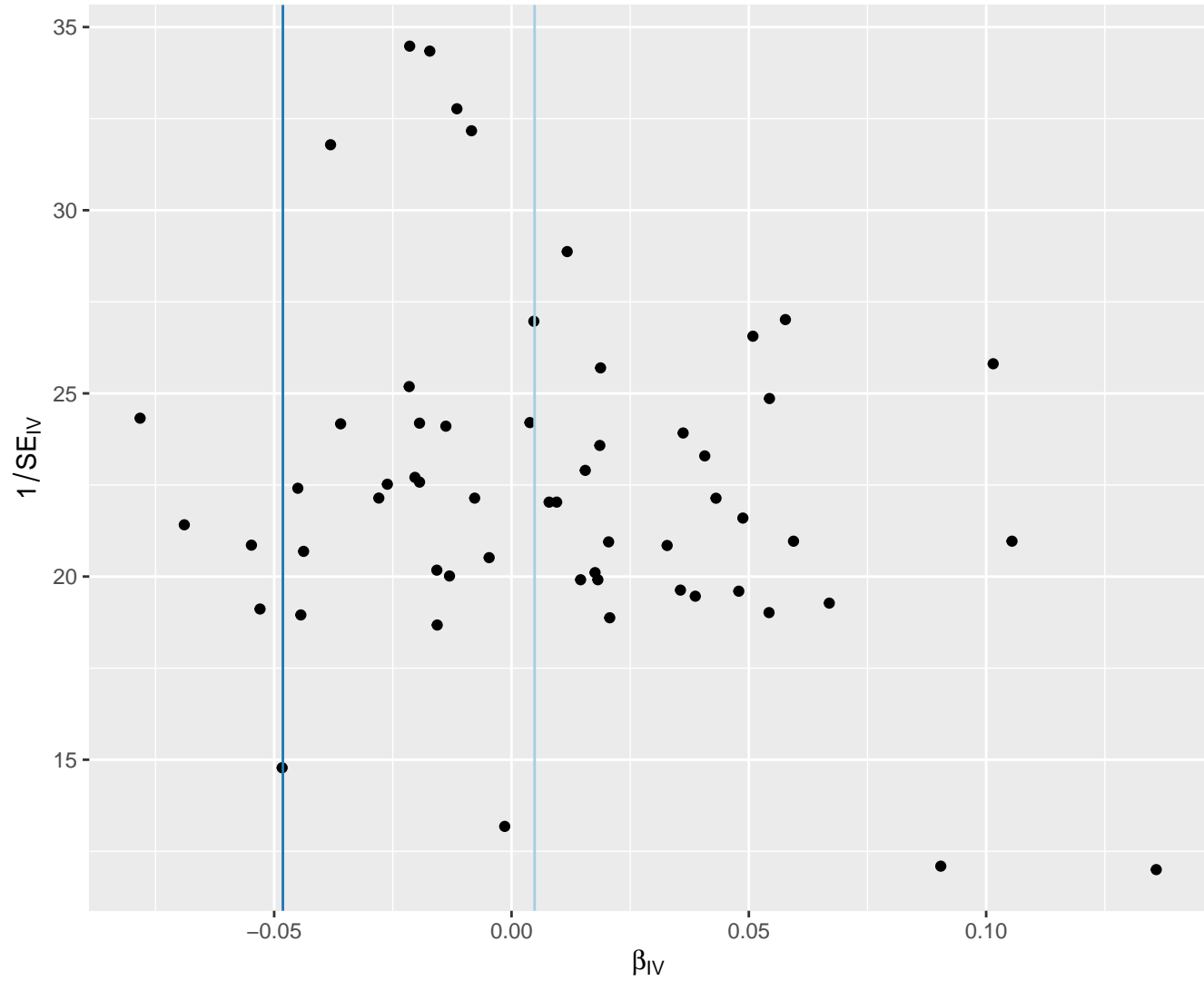
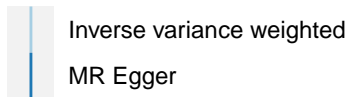
# Betaine

## MR Method



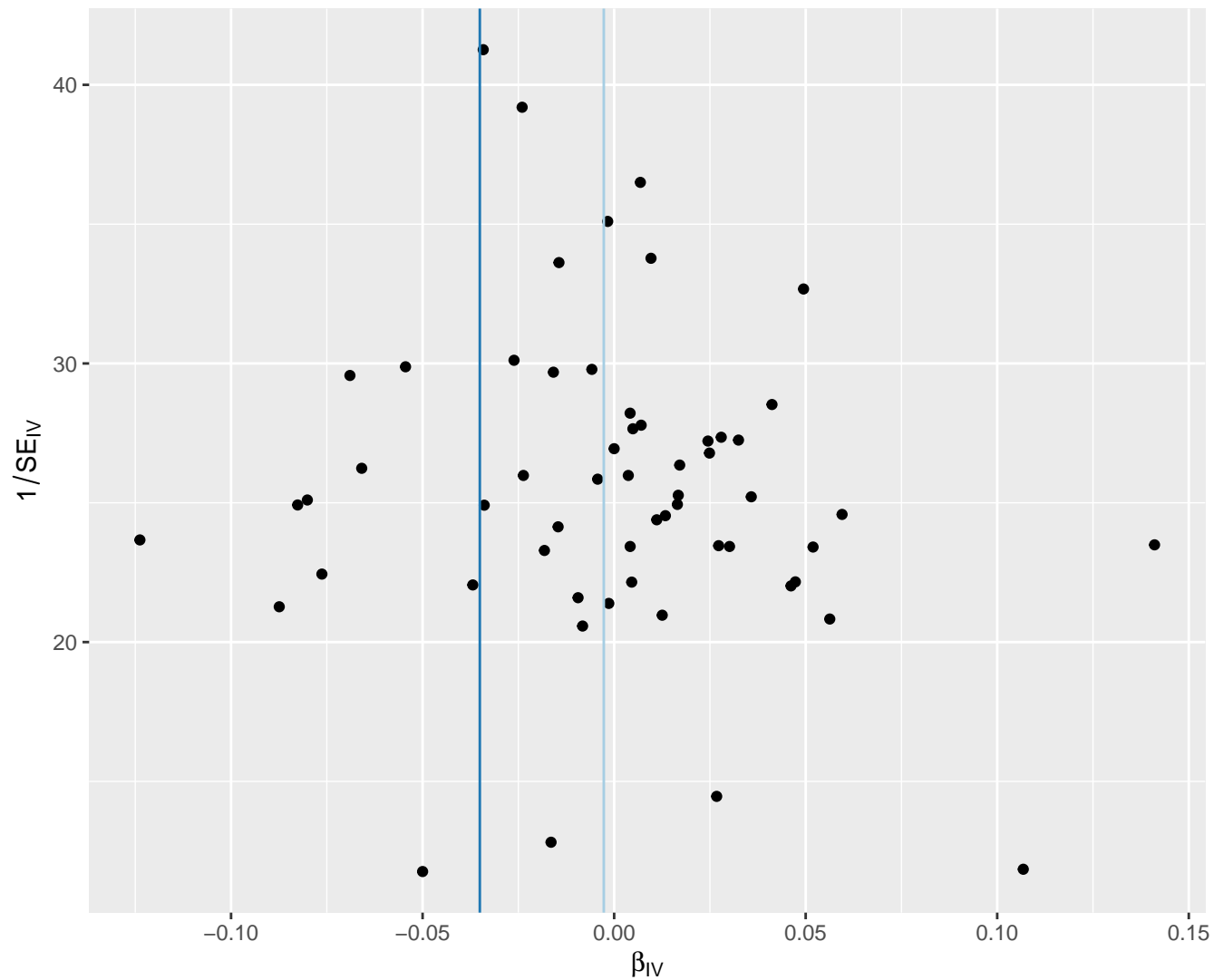
Bilirubin (E,E)\*

MR Method



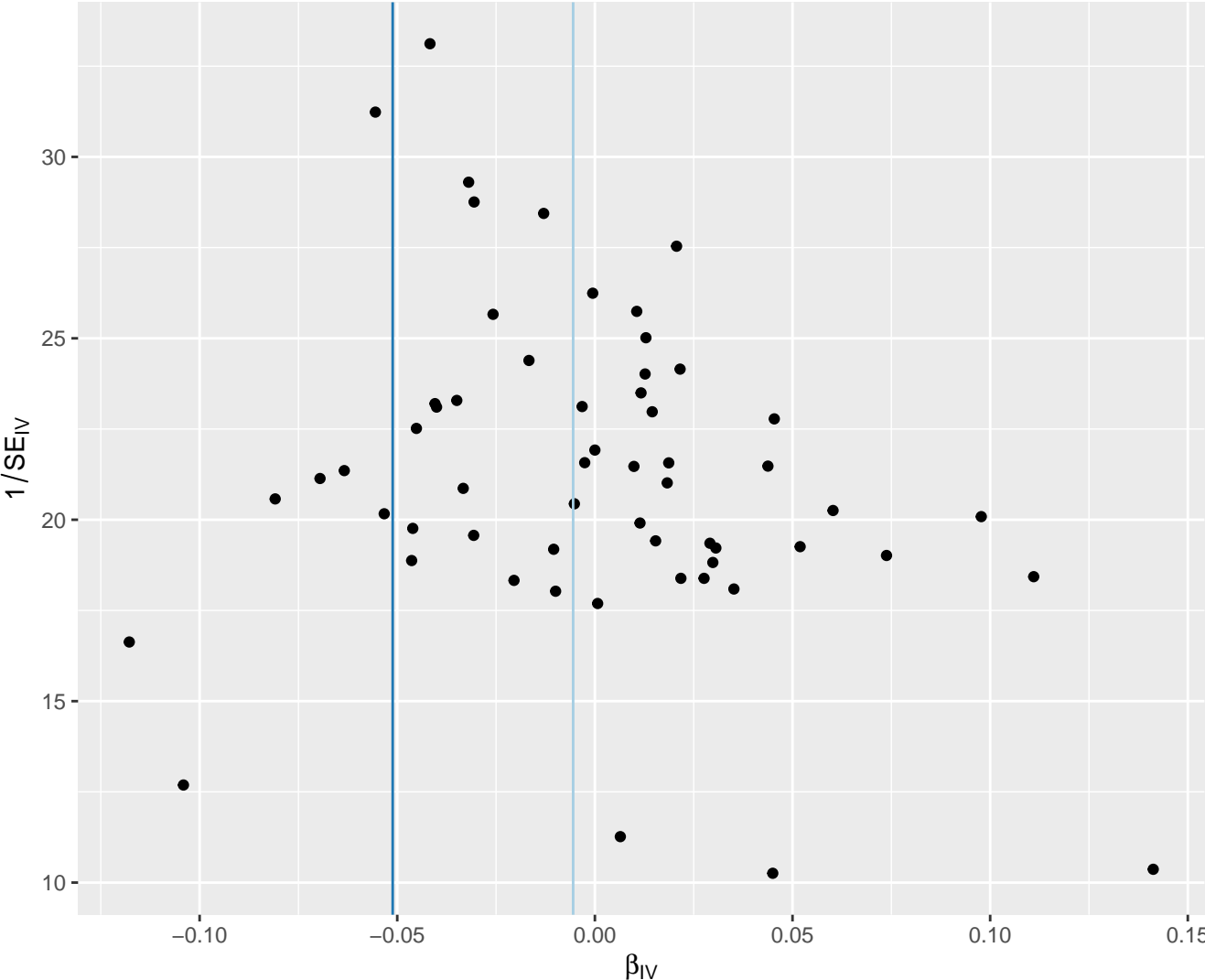
# Bilirubin (E,Z or Z,E)\*

MR Method



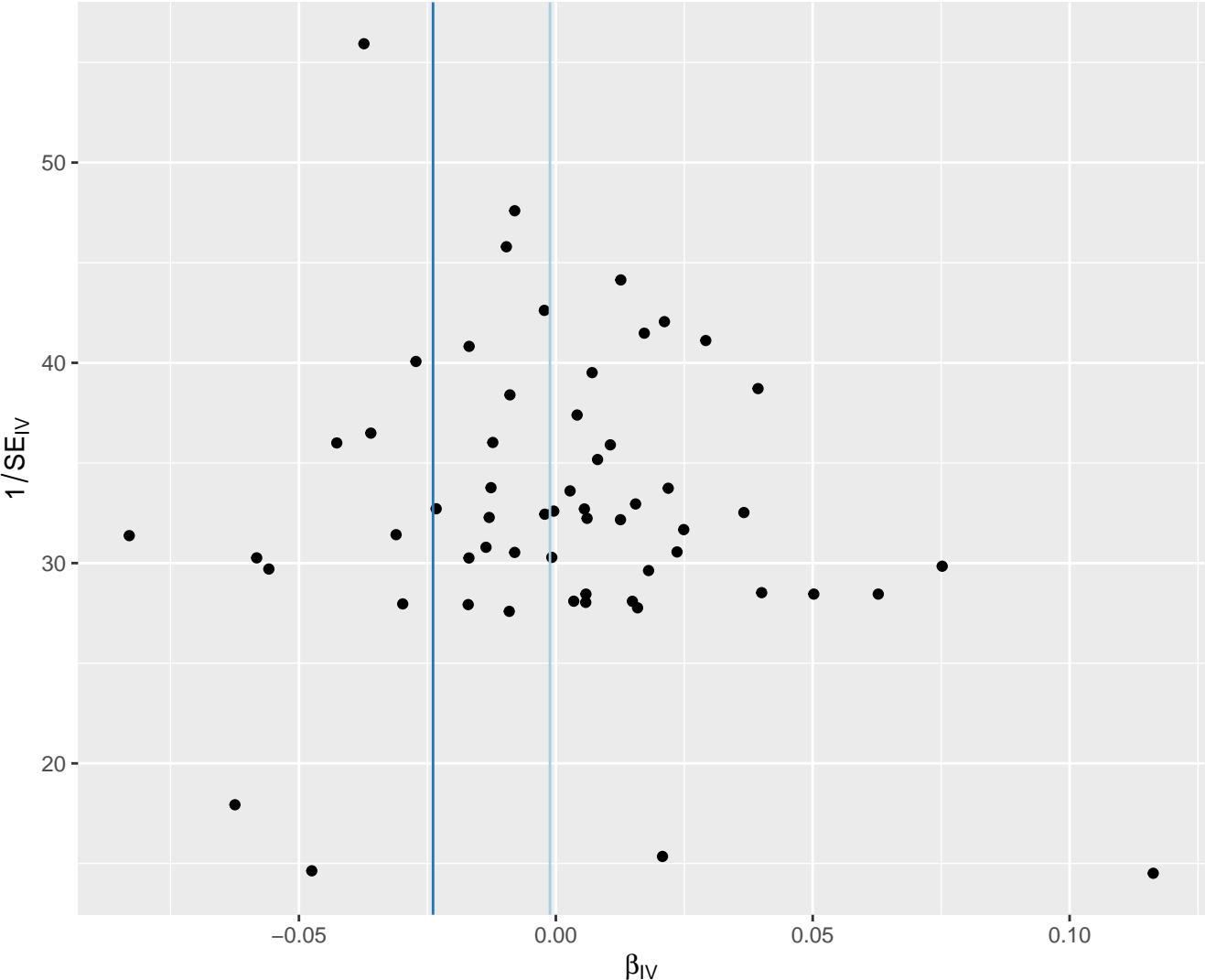
Bilirubin (Z,Z)

MR Method



# Biliverdin

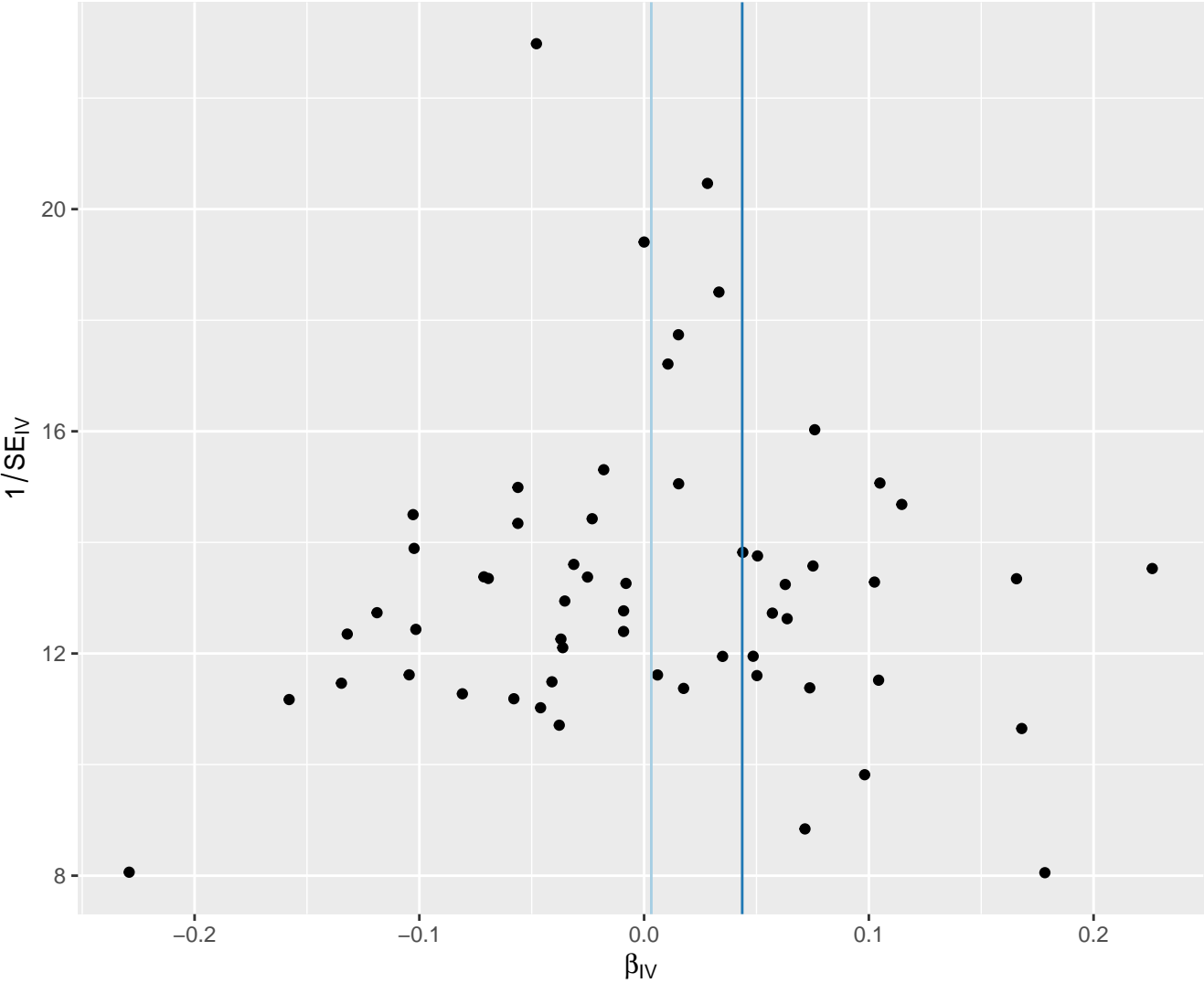
MR Method



Bradykinin, des-arg(9)

MR Method

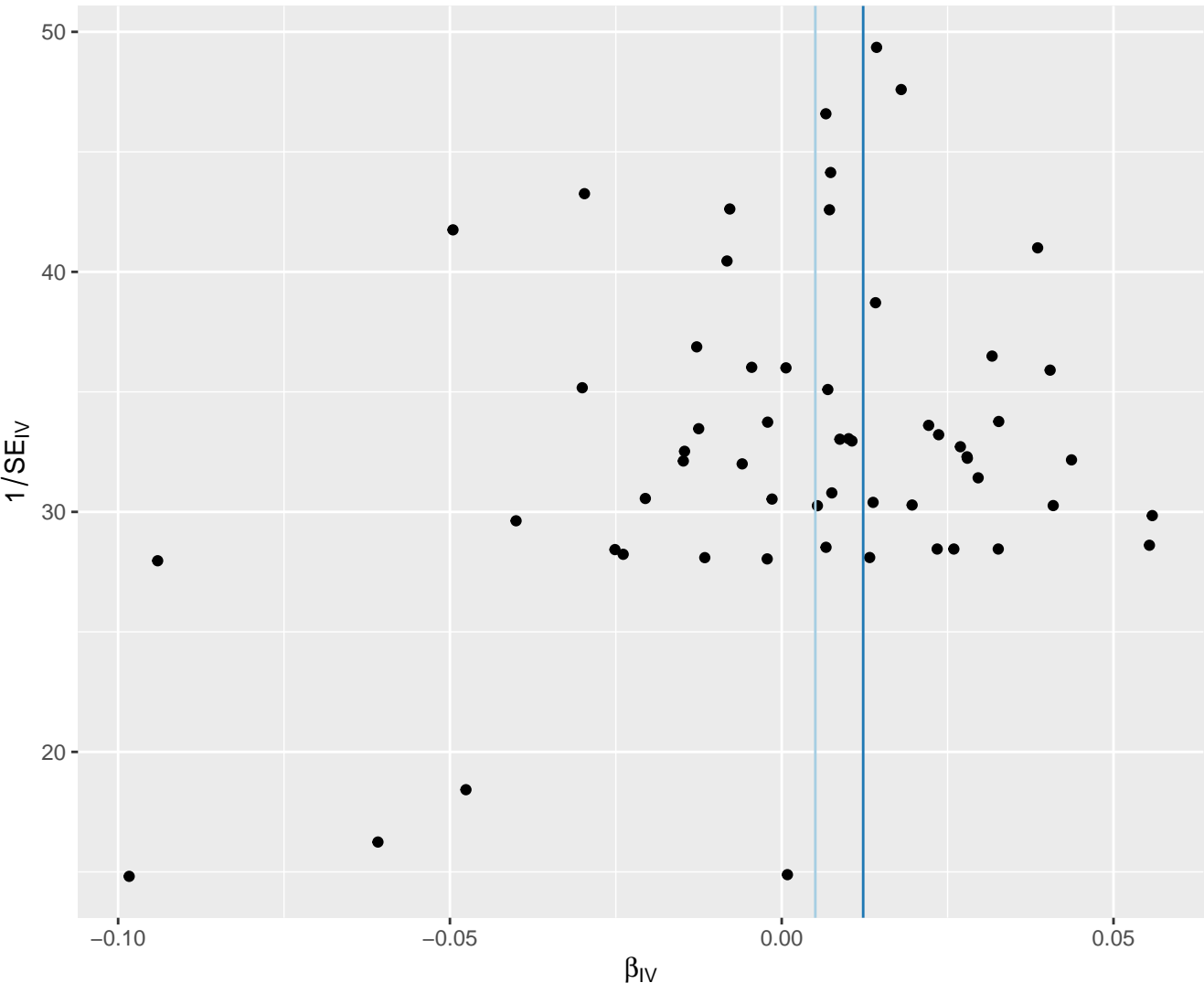
- Inverse variance weighted
- MR Egger



# Butyrylcarnitine

MR Method

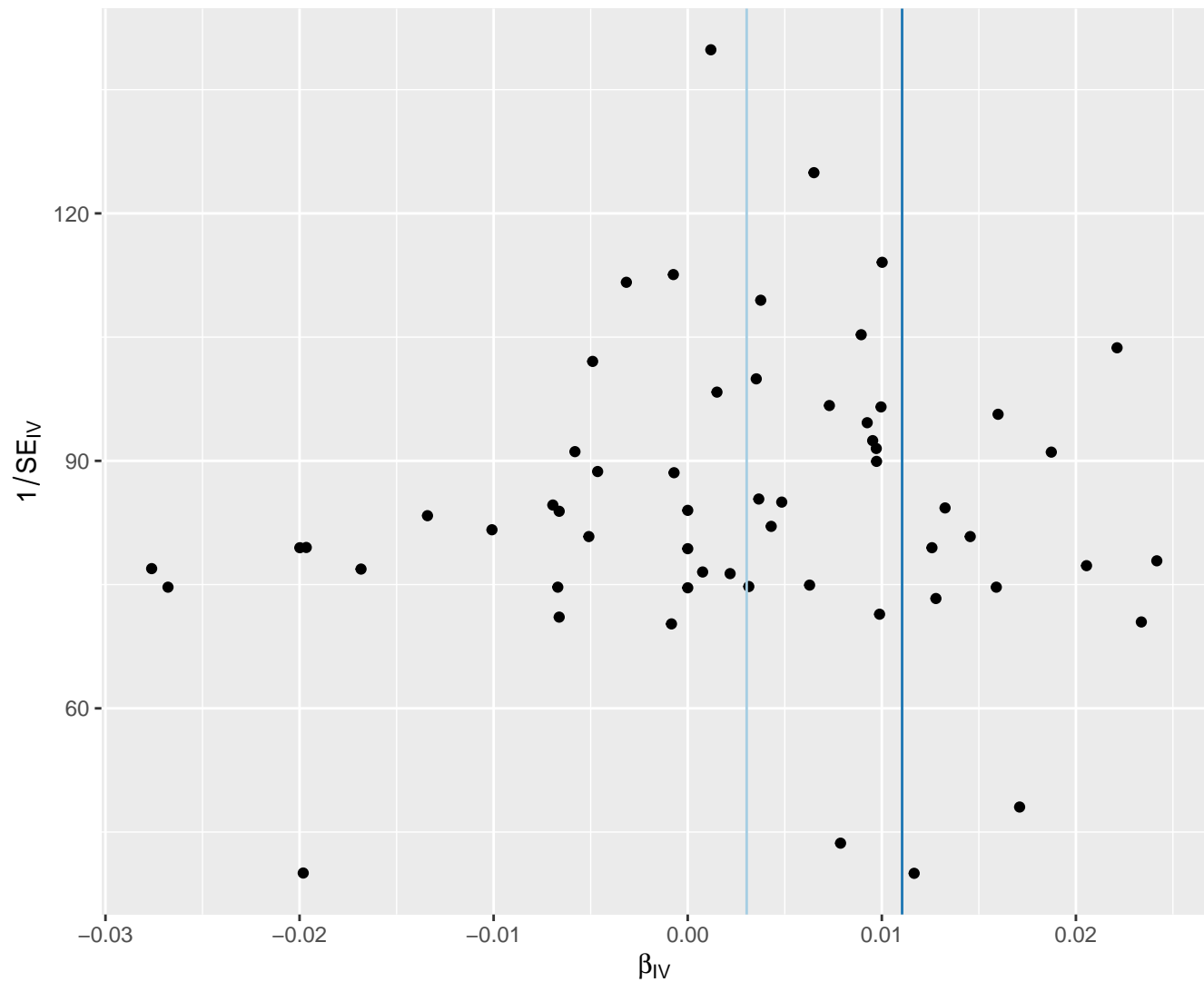
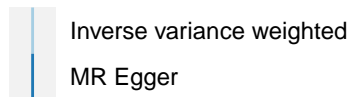
- Inverse variance weighted
- MR Egger





# C-glycosyltryptophan\*

MR Method

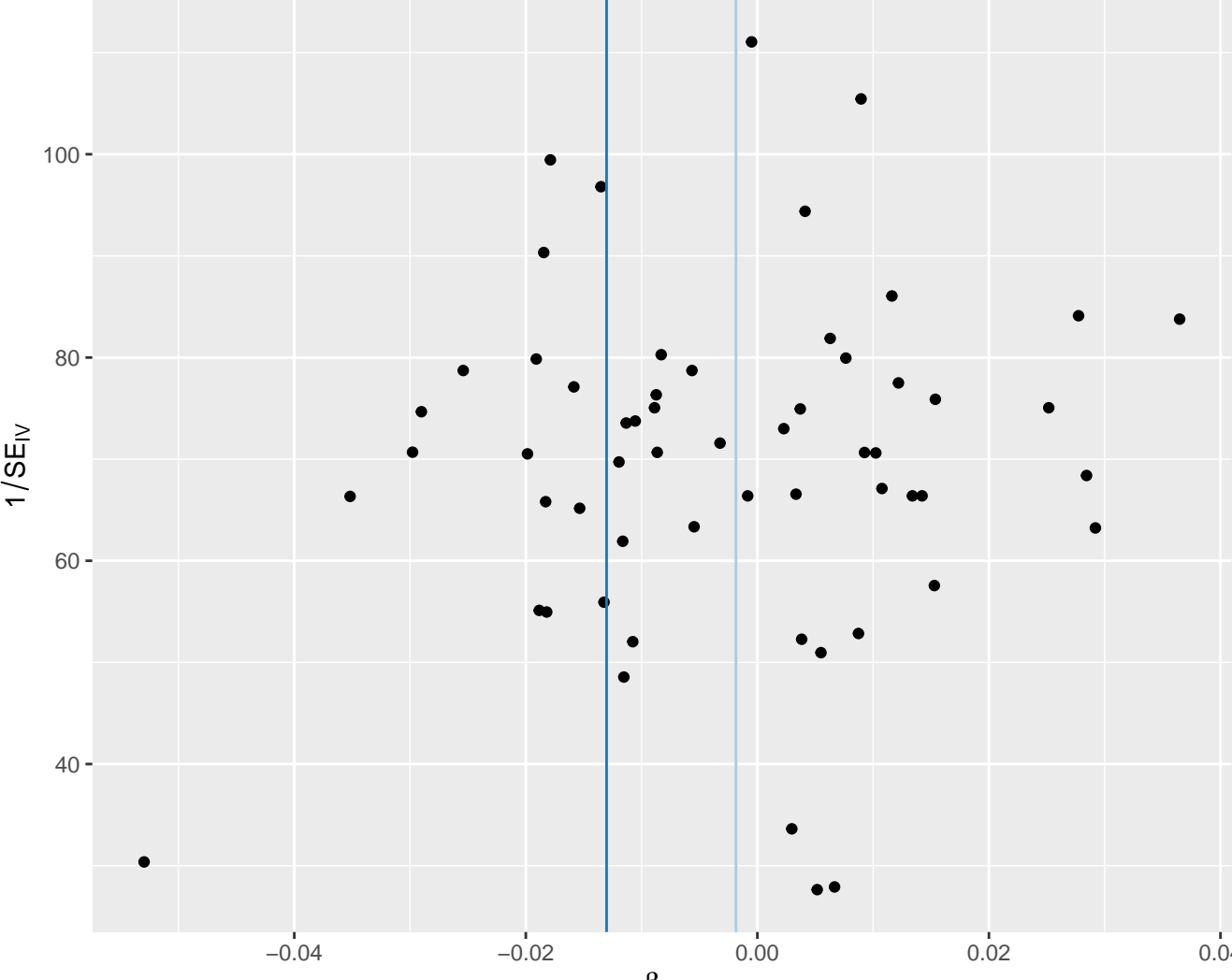


## Caproate (6:0)

## MR Method

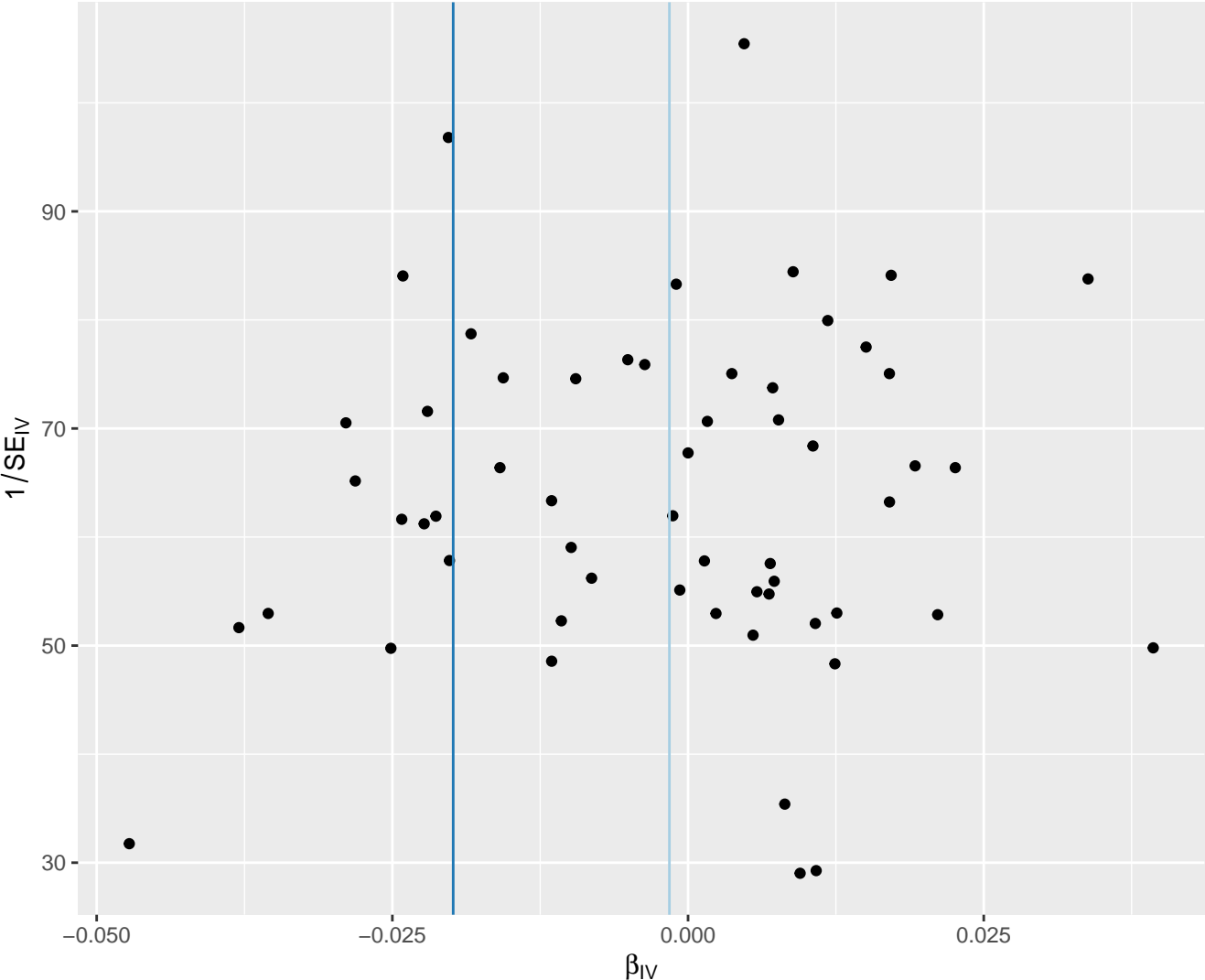
## Inverse variance weighted

MR Egger



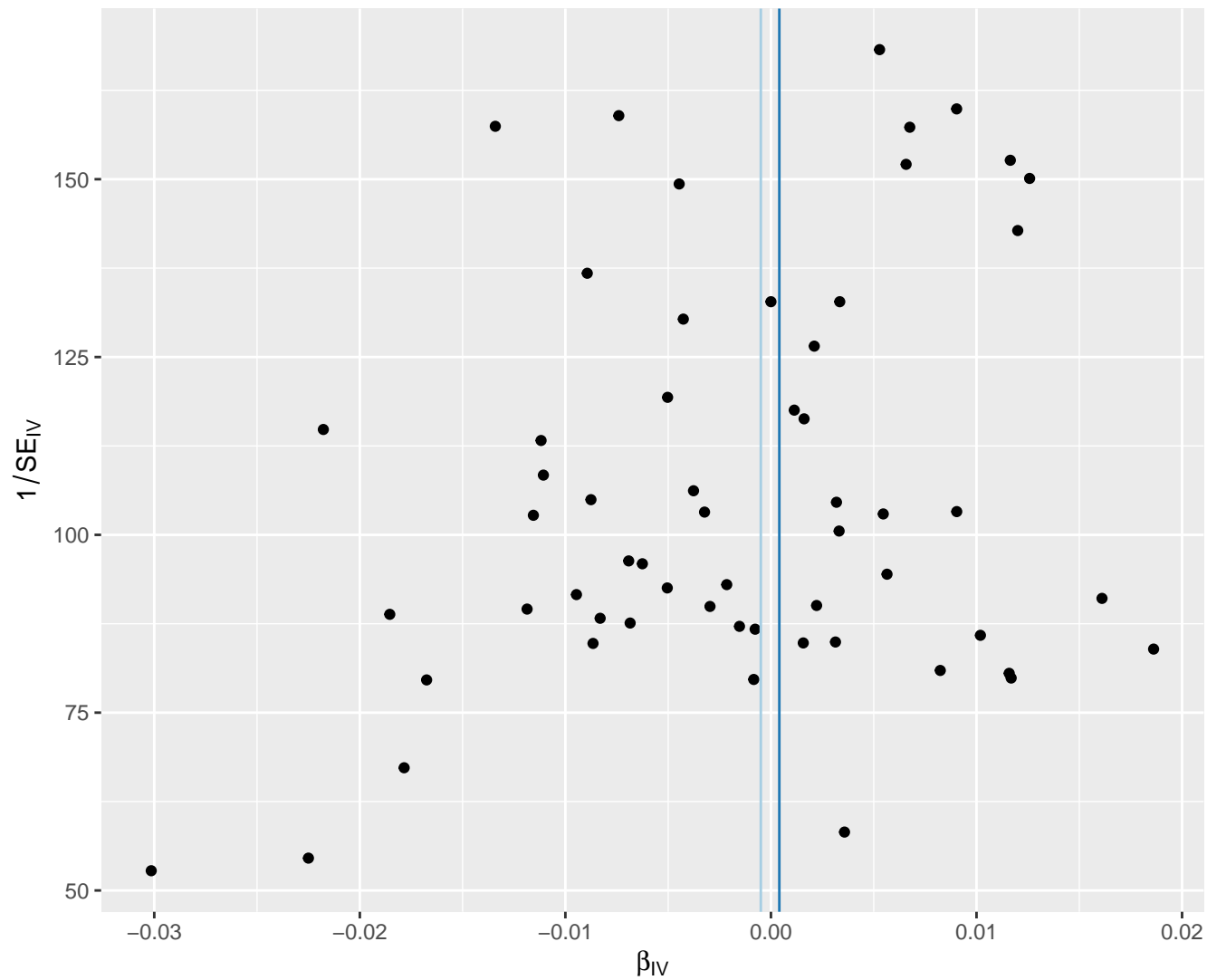
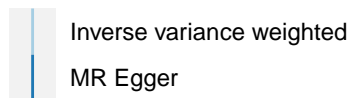
# Caprylate (8:0)

MR Method



# Carnitine

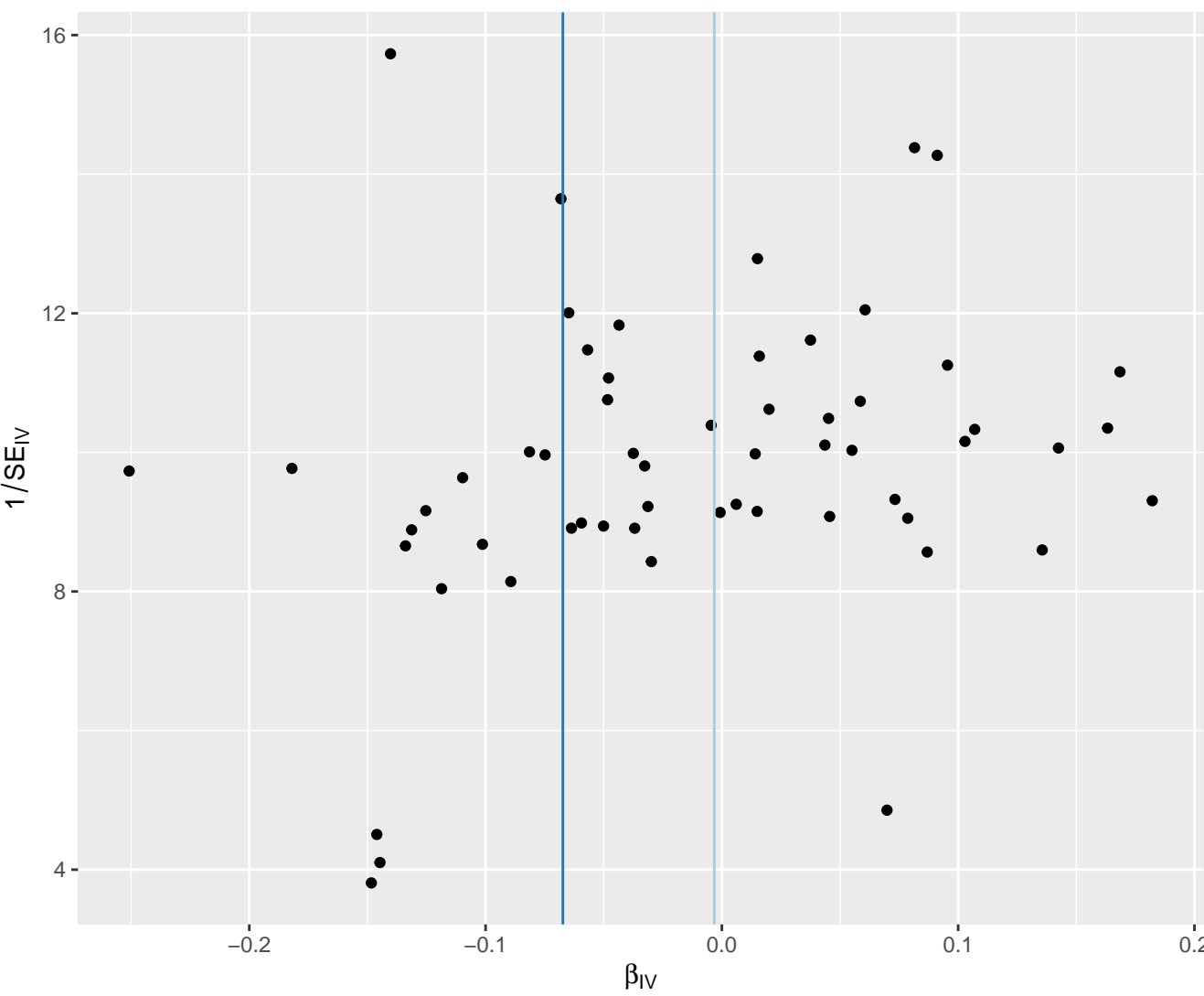
## MR Method



# Chiro-inositol

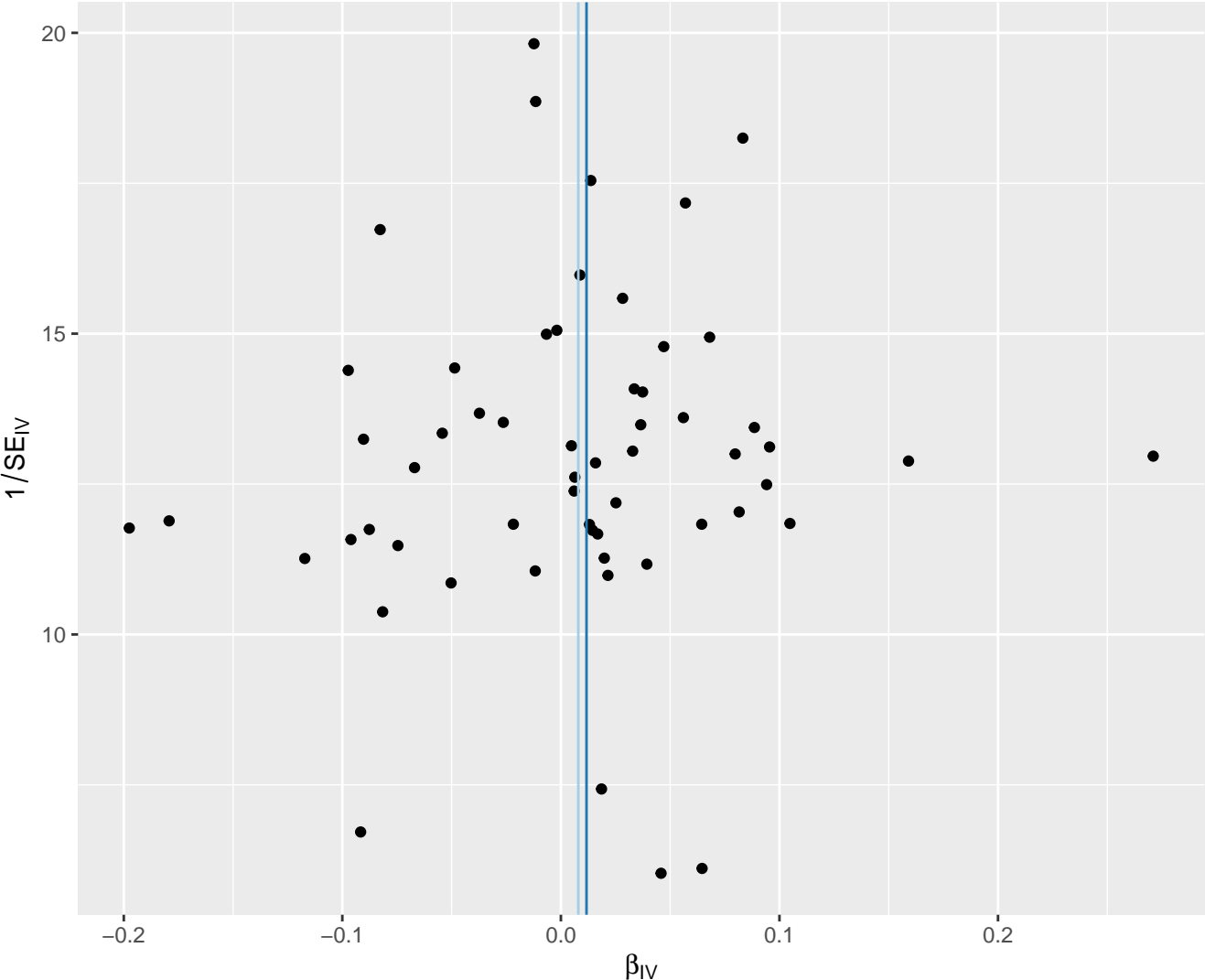
MR Method

- Inverse variance weighted
- MR Egger



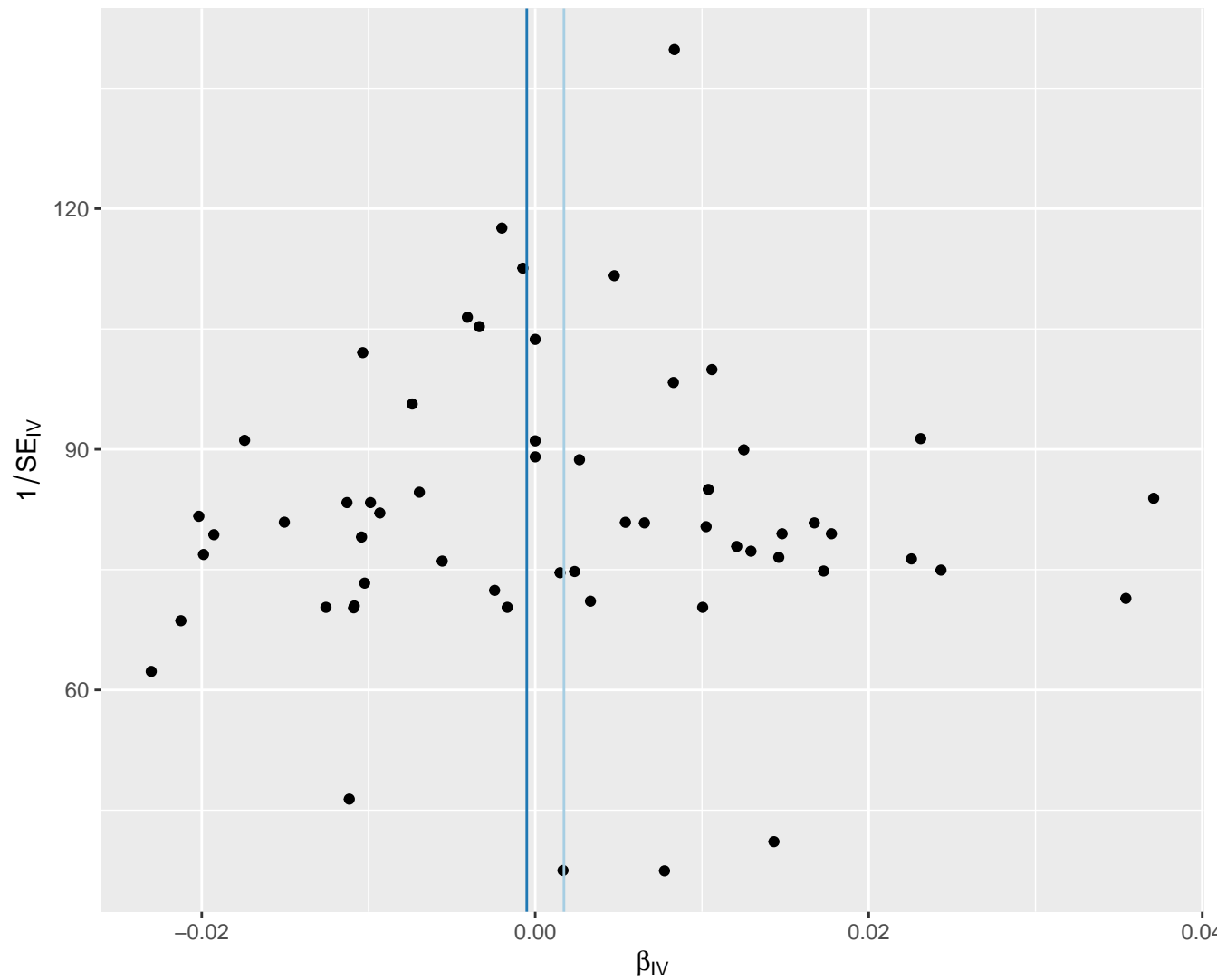
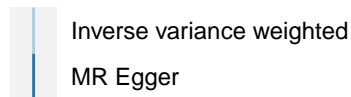
# Cholate

MR Method



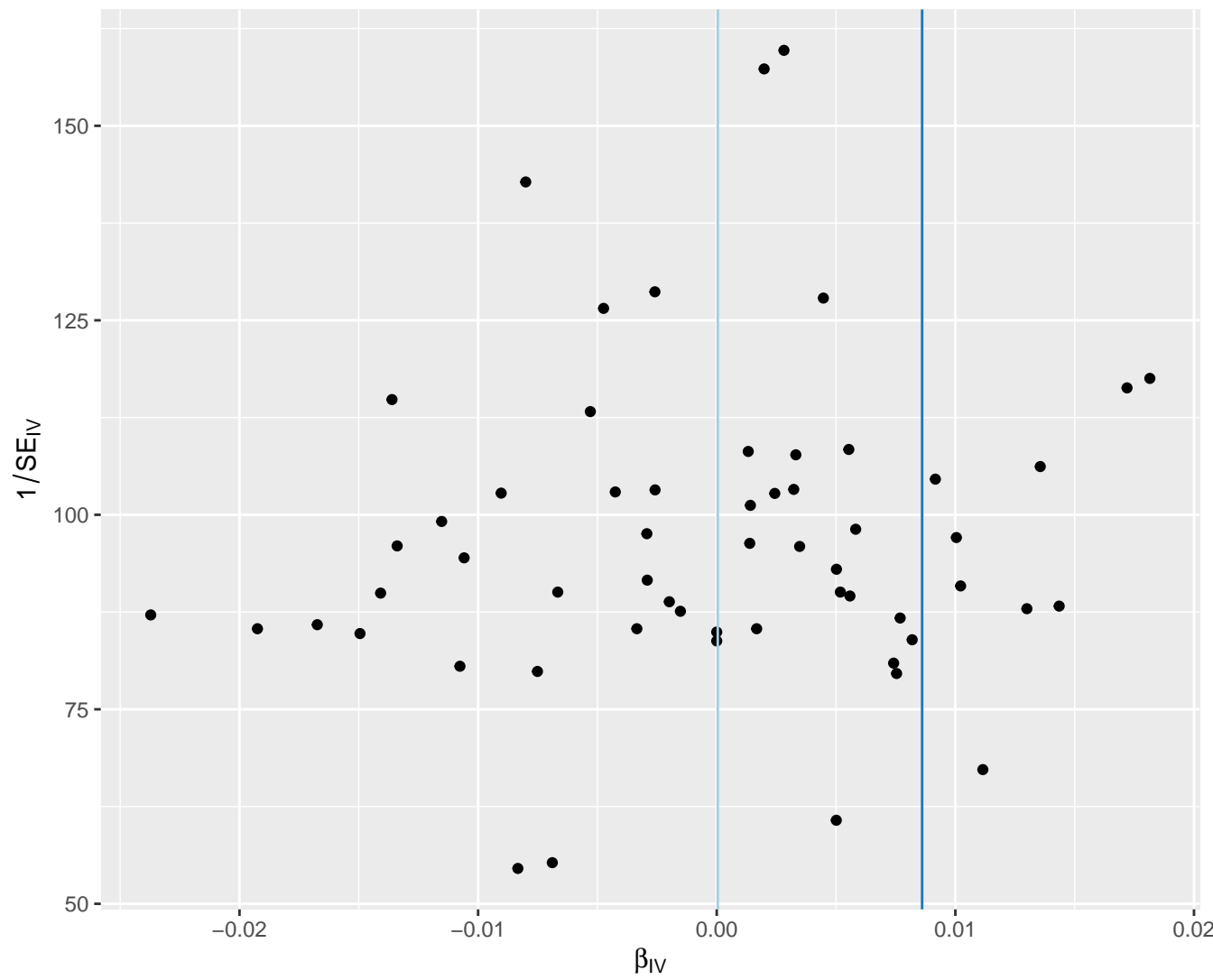
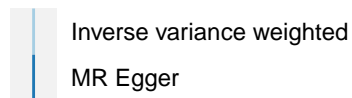
# Cholesterol

## MR Method



# Choline

## MR Method

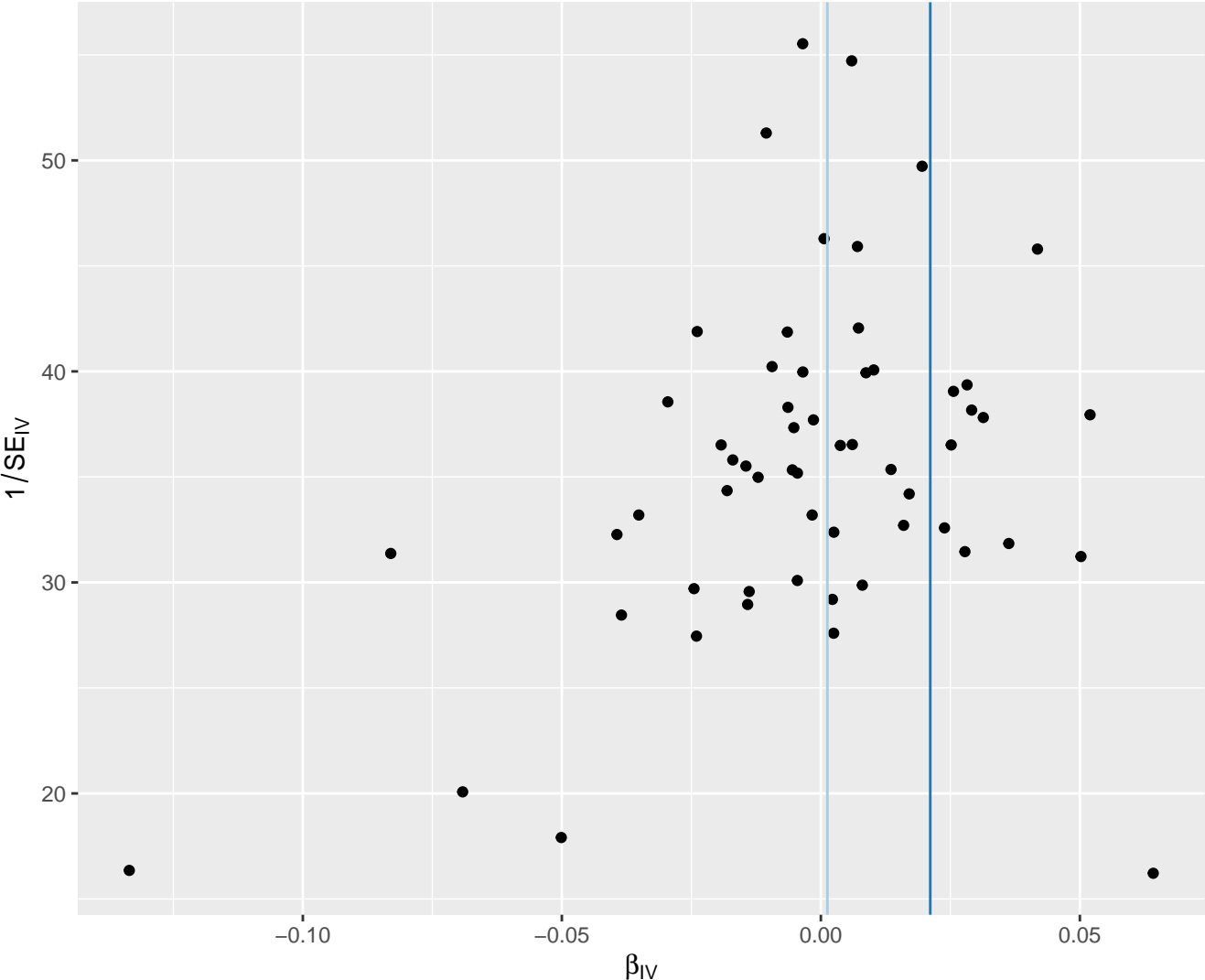




Cis-4-decenoyl carnitine

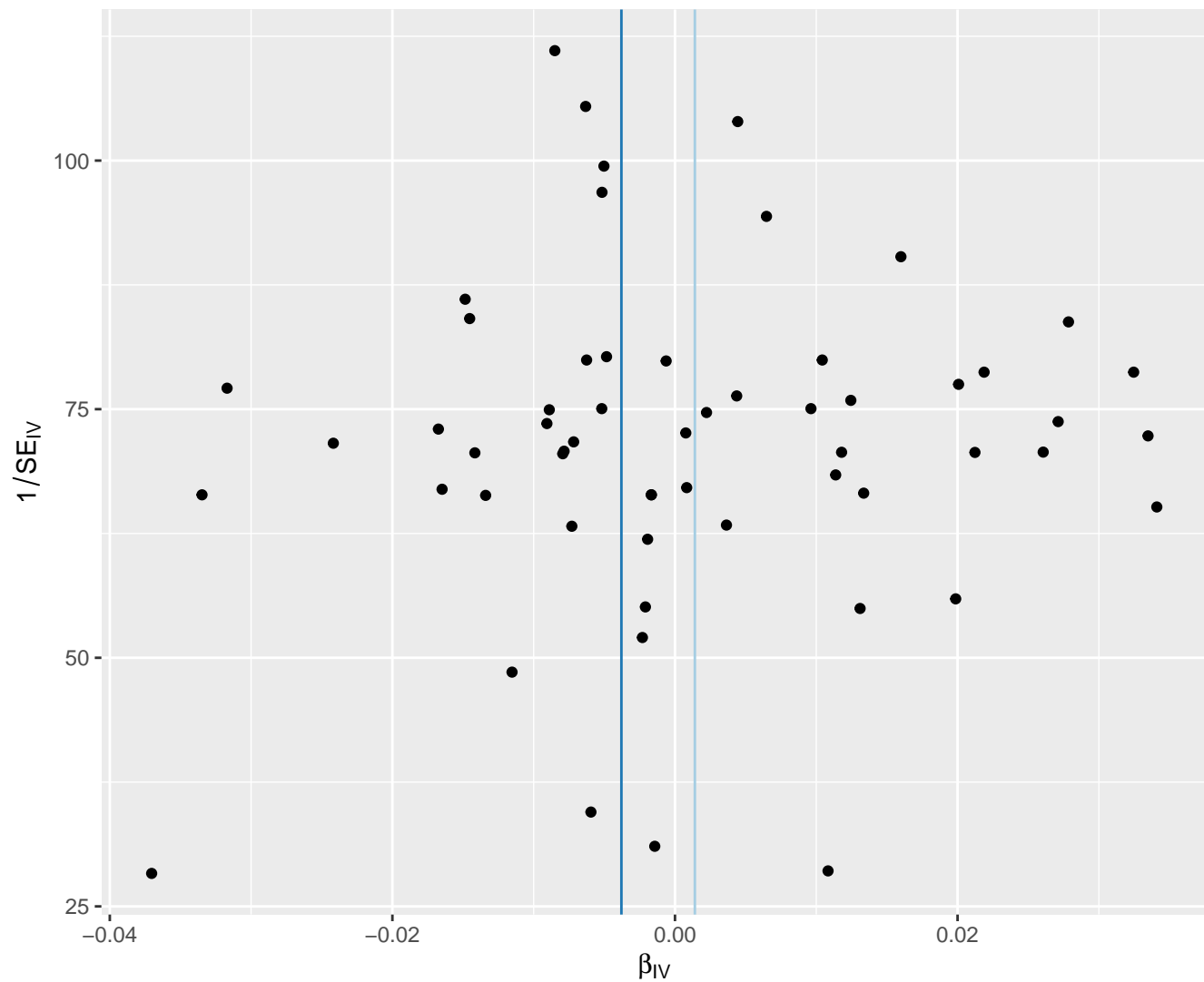
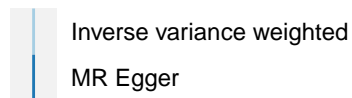
MR Method

- Inverse variance weighted
- MR Egger



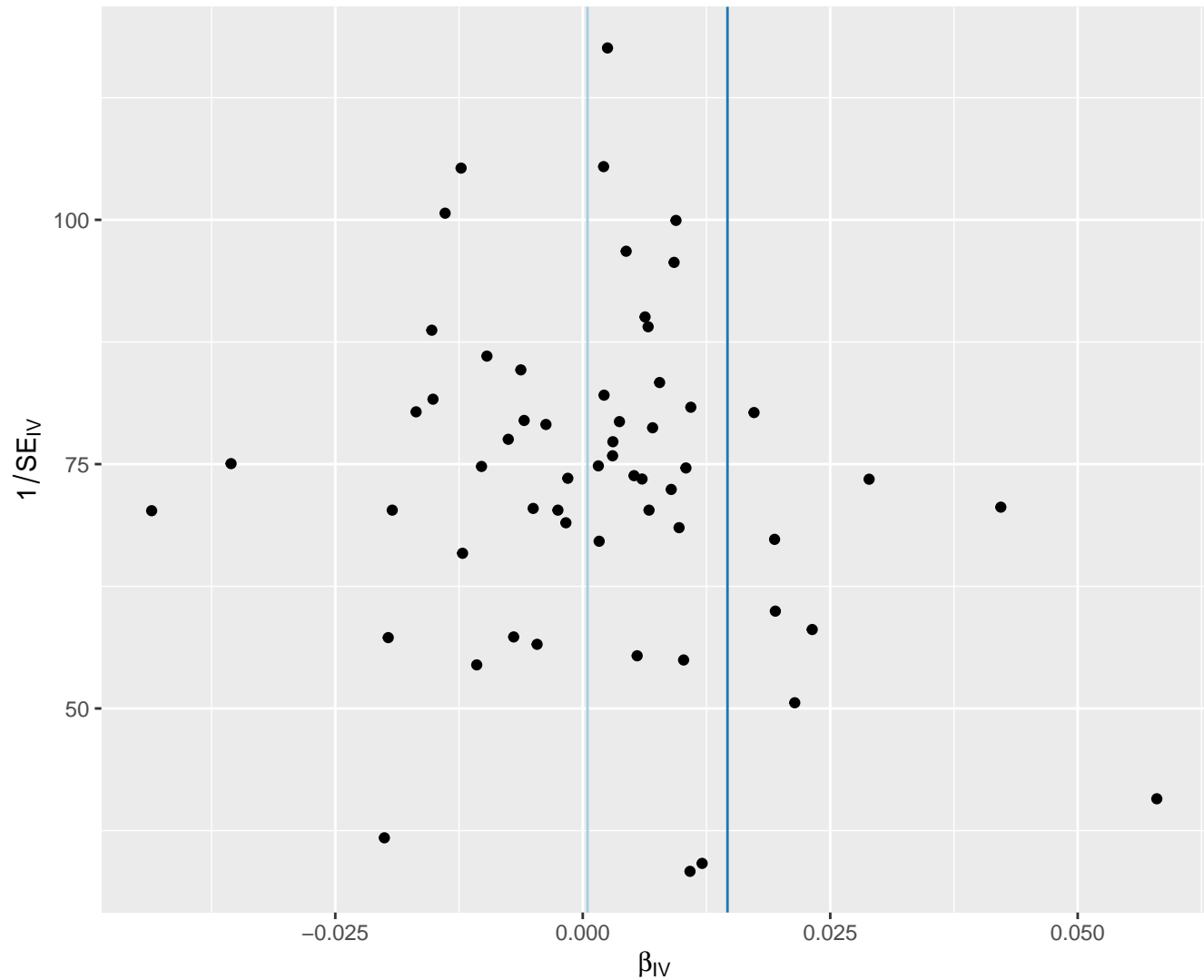
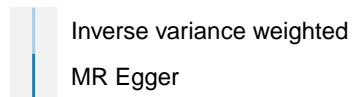
# Citrate

## MR Method



# Citrulline

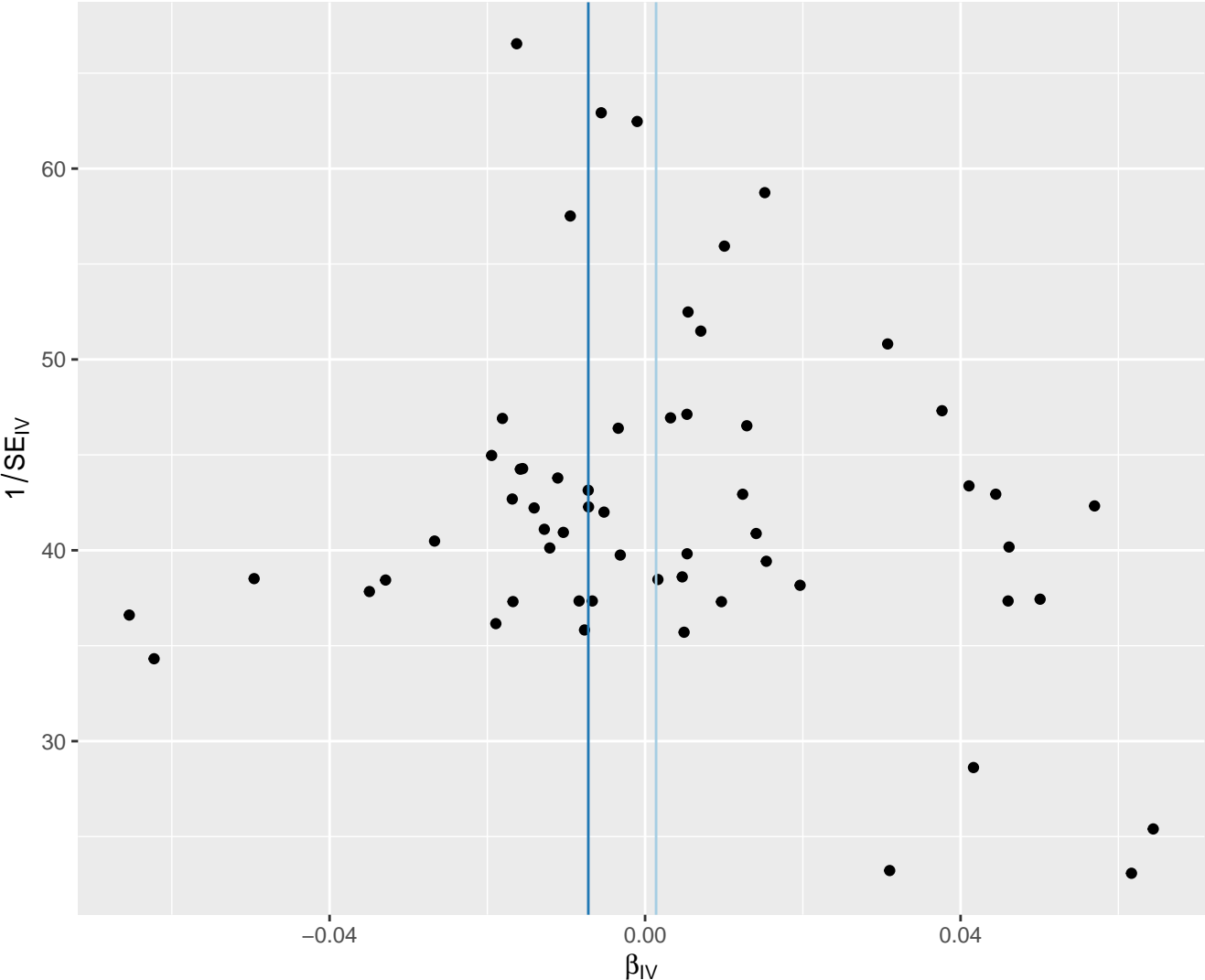
## MR Method



# Cortisol

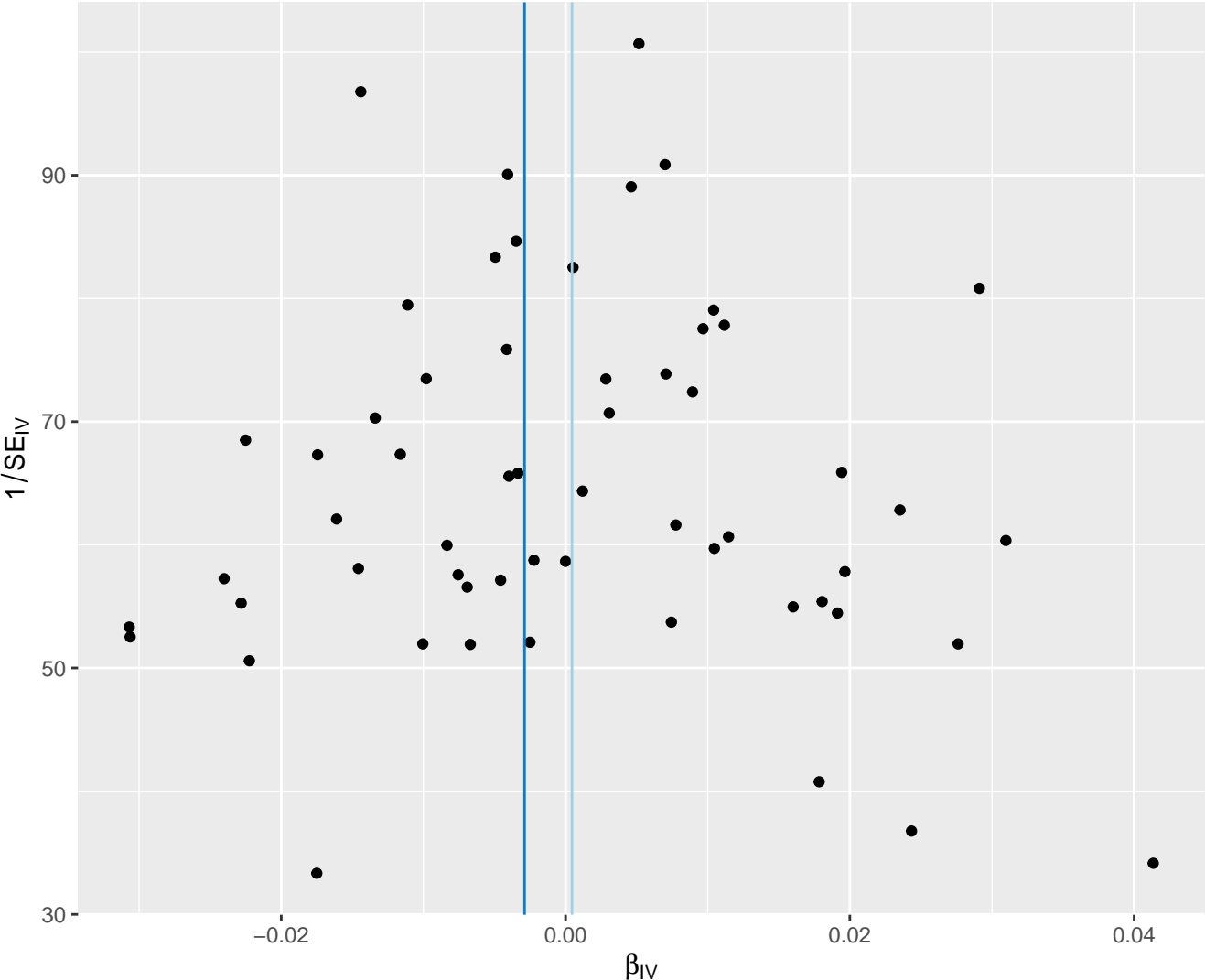
MR Method

- Inverse variance weighted
- MR Egger



# Cortisone

MR Method



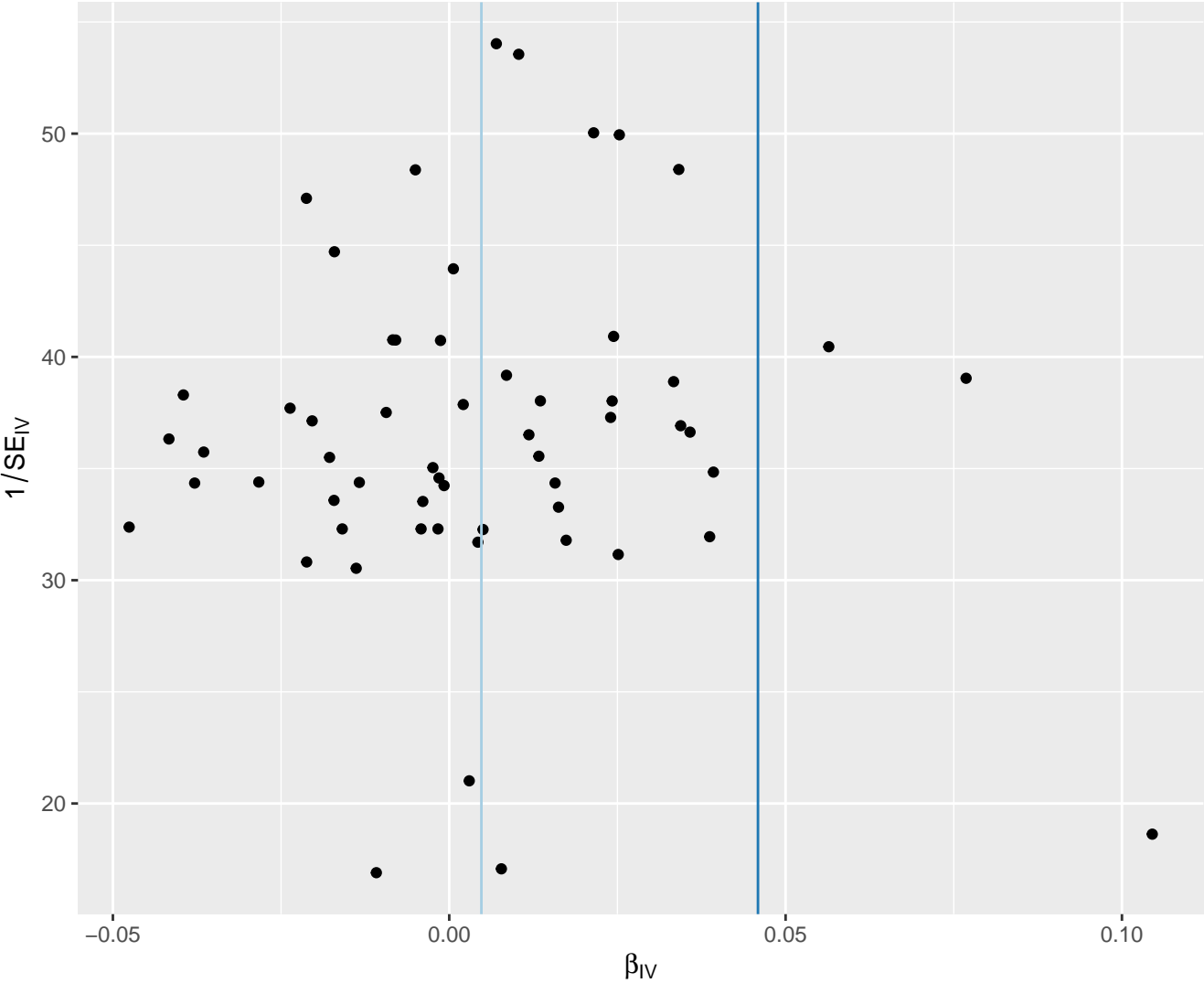
# Creatine

MR Method



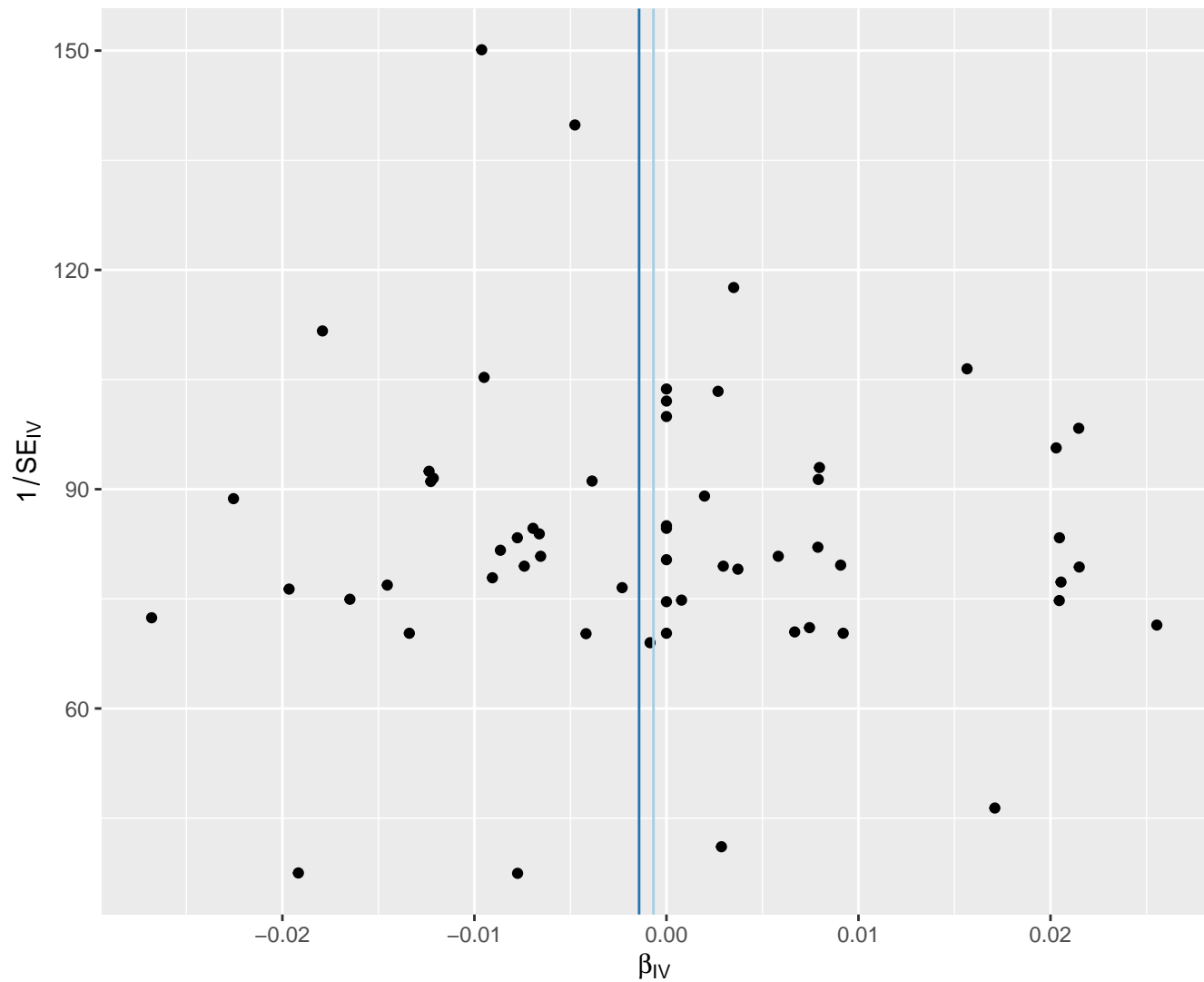
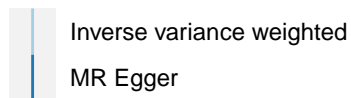
Inverse variance weighted

MR Egger



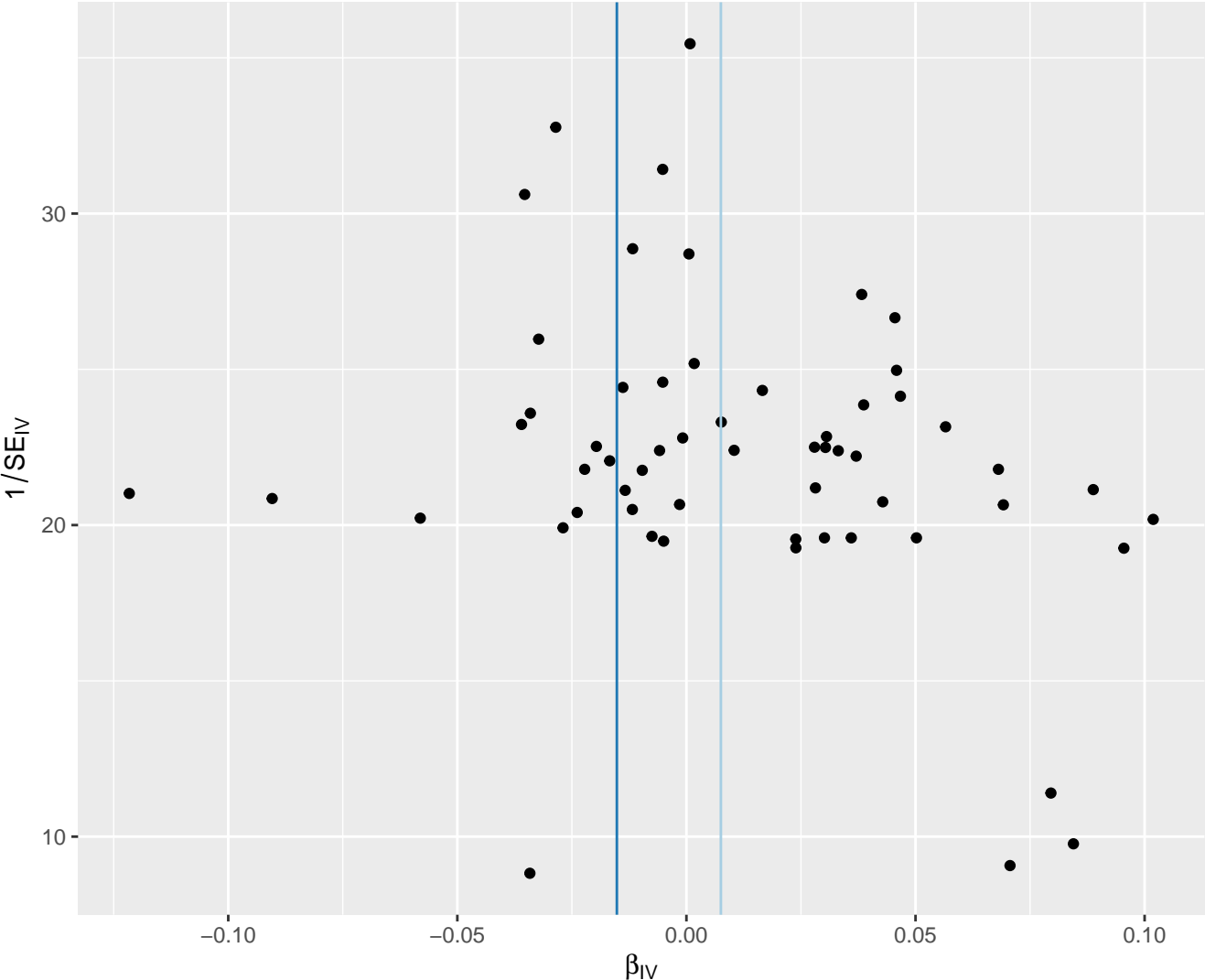
# Creatinine

## MR Method



Cyclo(leu-pro)

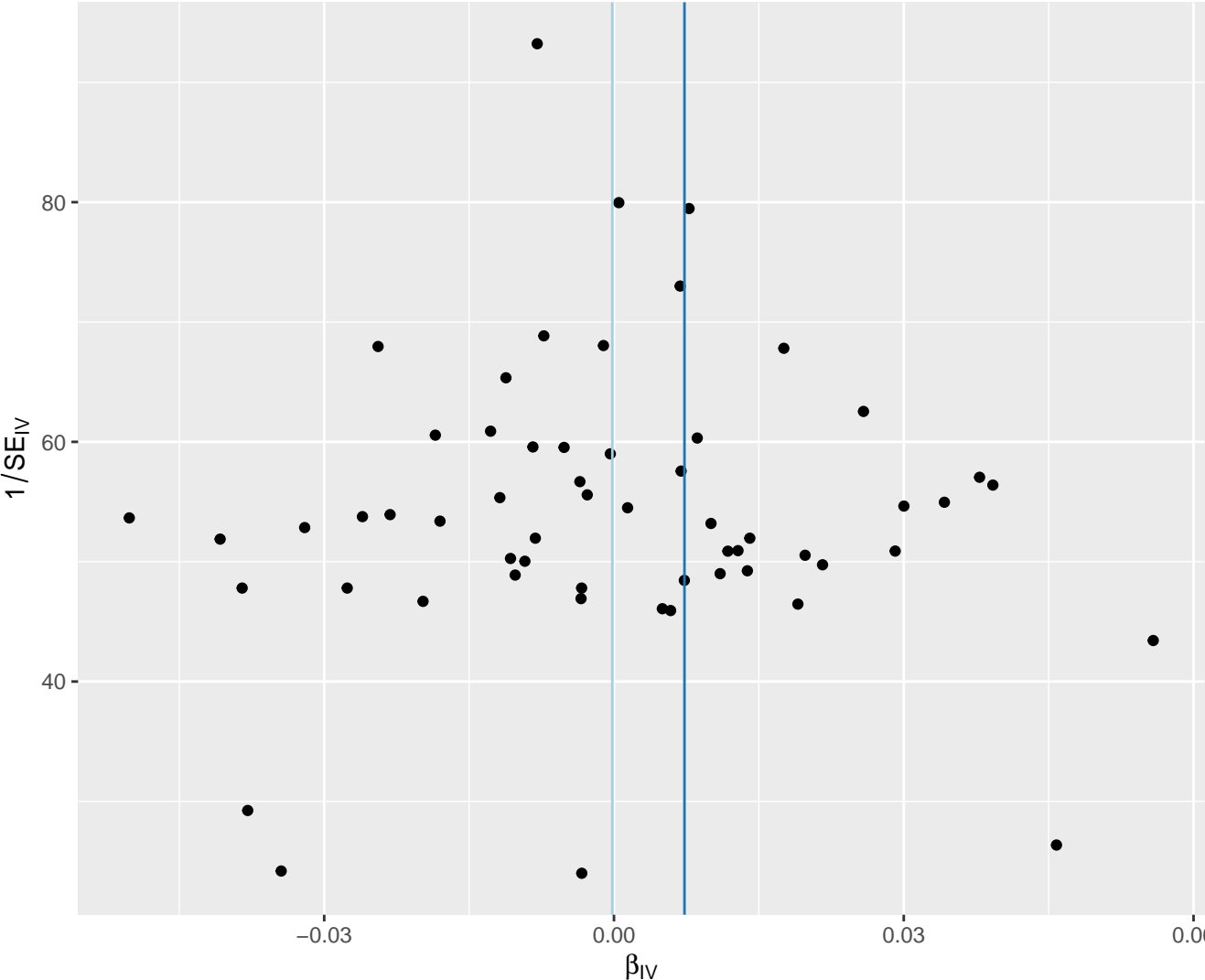
MR Method





# Cysteine

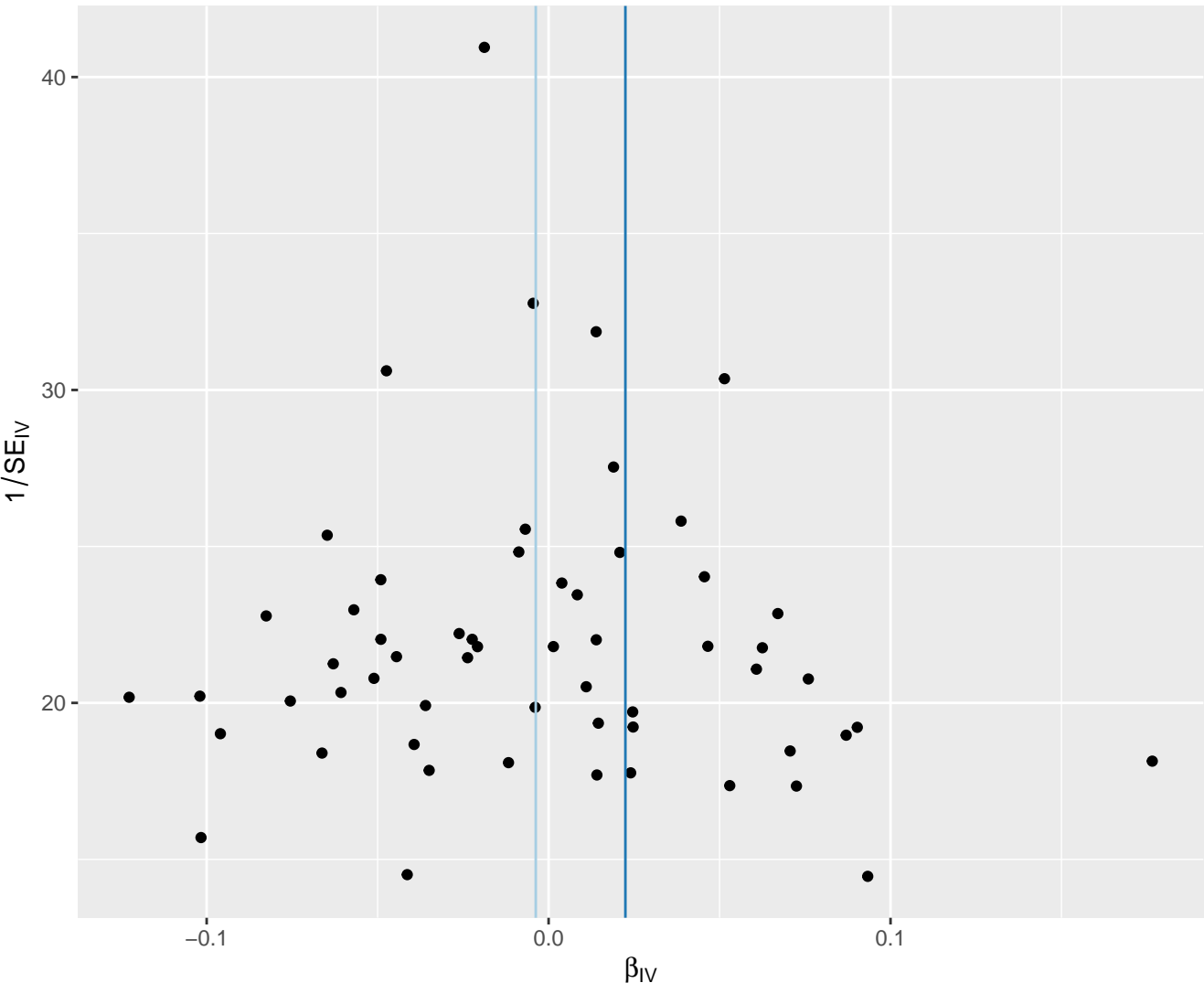
MR Method



# Cysteine–glutathione disulfide

MR Method

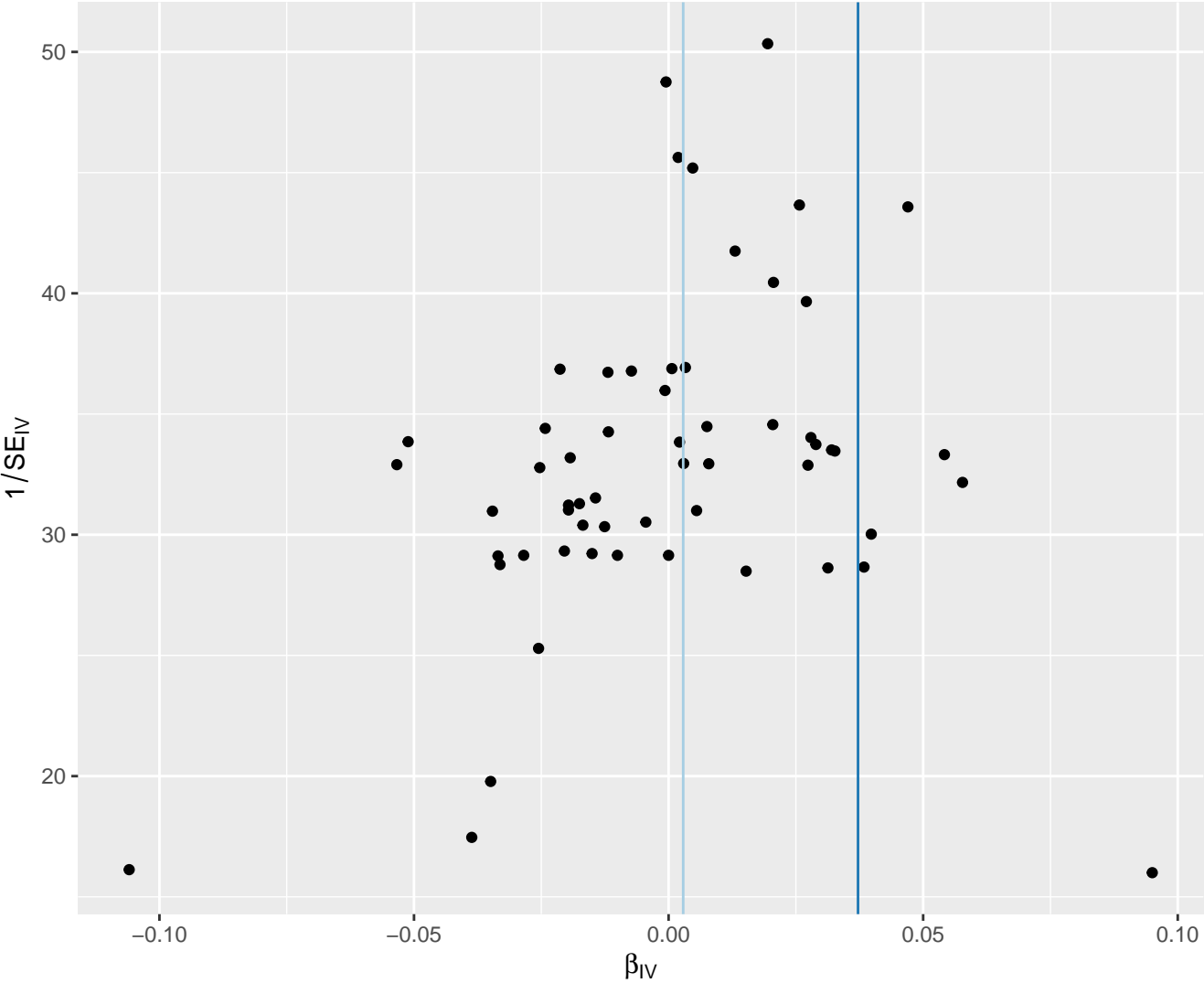
- Inverse variance weighted
- MR Egger



# Decanoylcarnitine

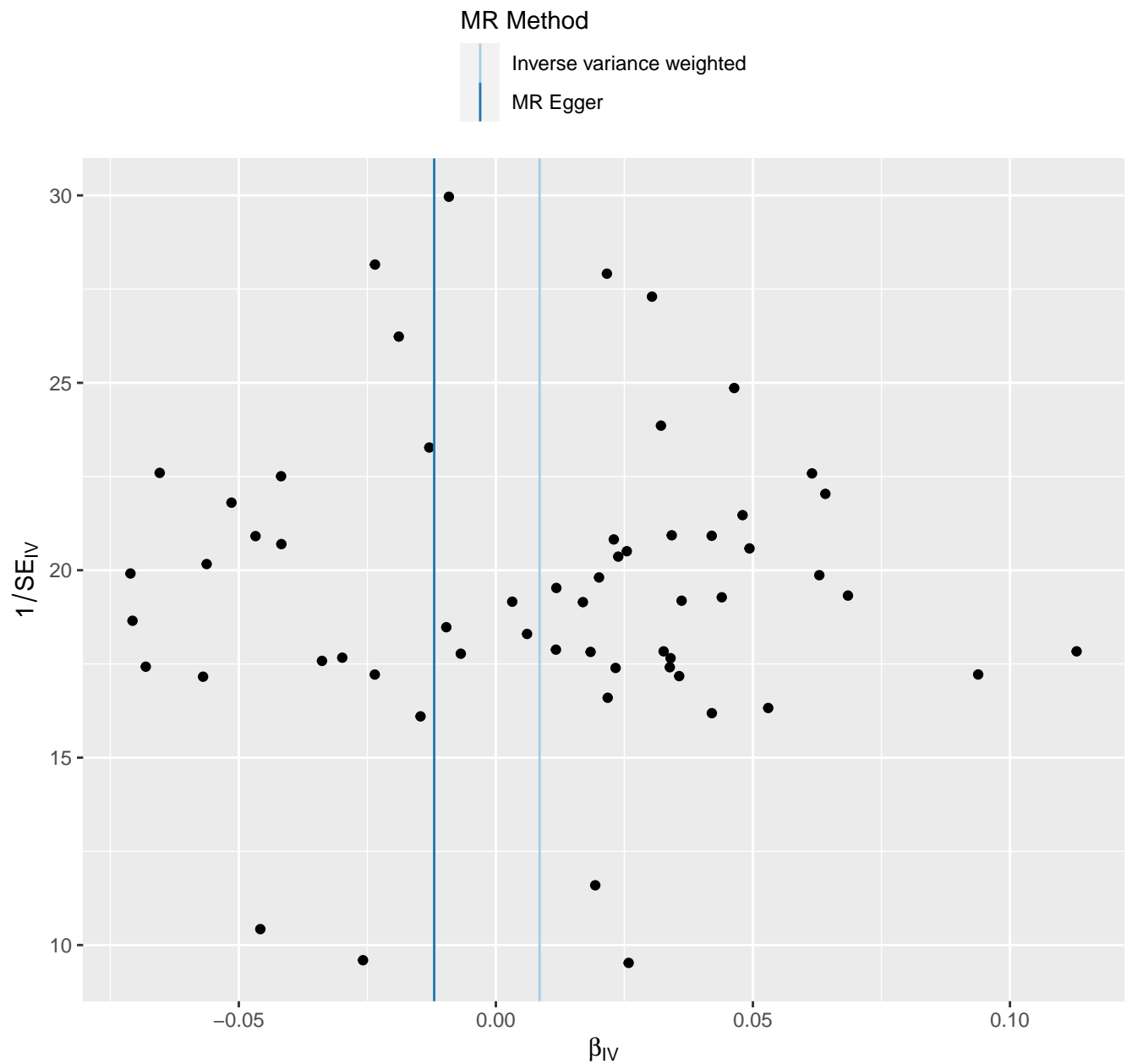
MR Method

- Inverse variance weighted
- MR Egger

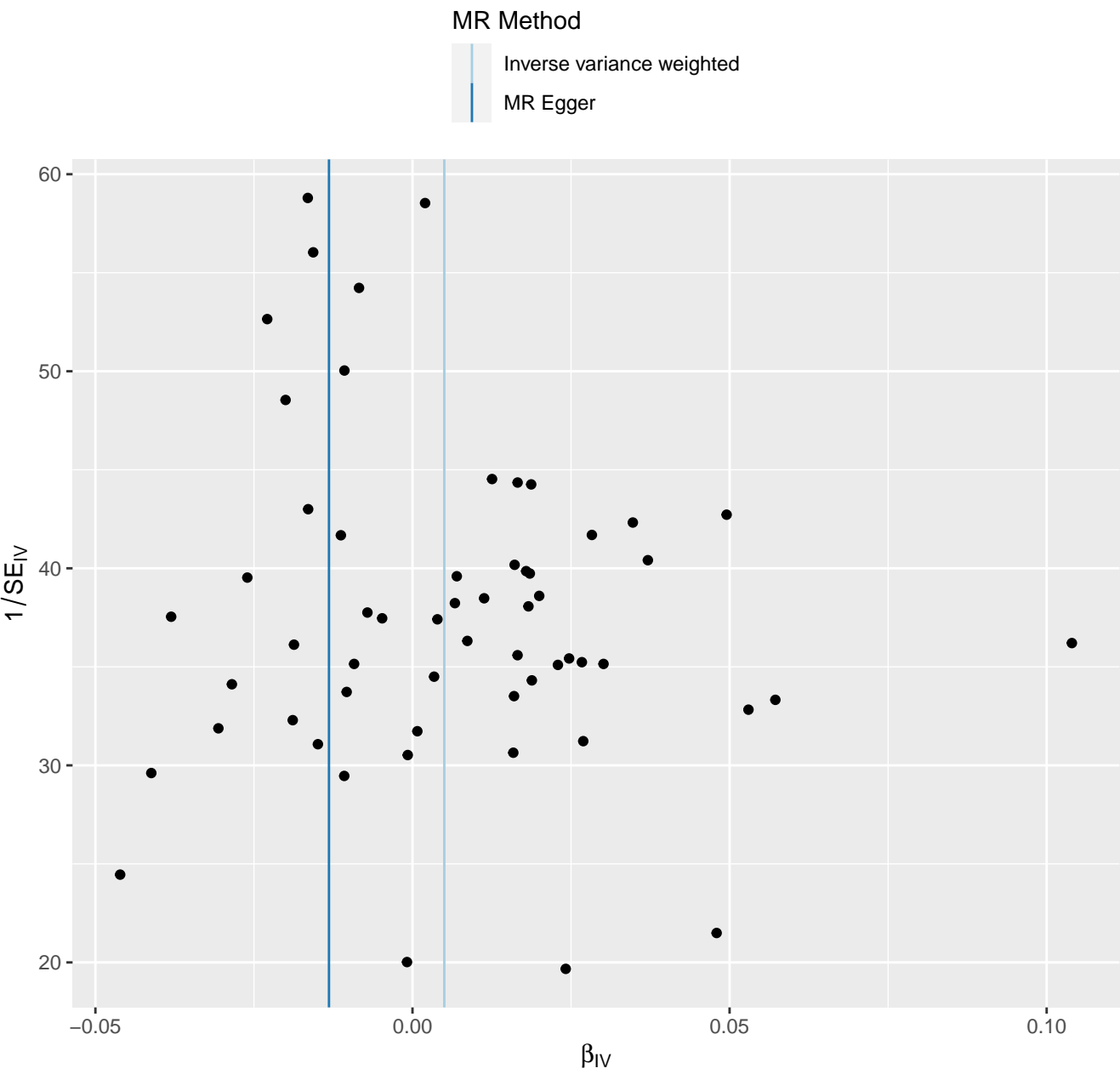




# Deoxycholate



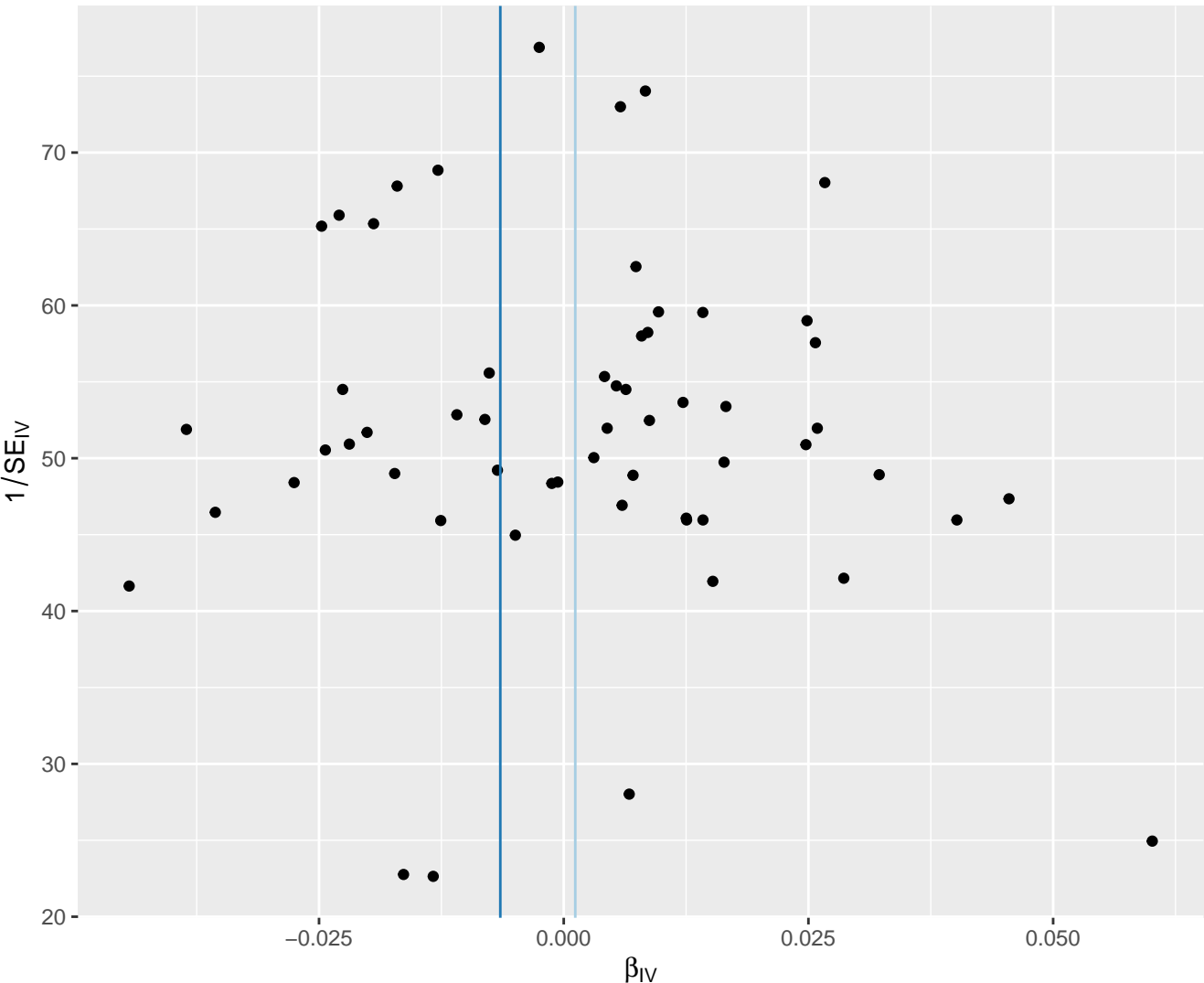
Dihomo-linoleate (20:2n6)



Dihomo-linolenate (20:3n3 or n6)

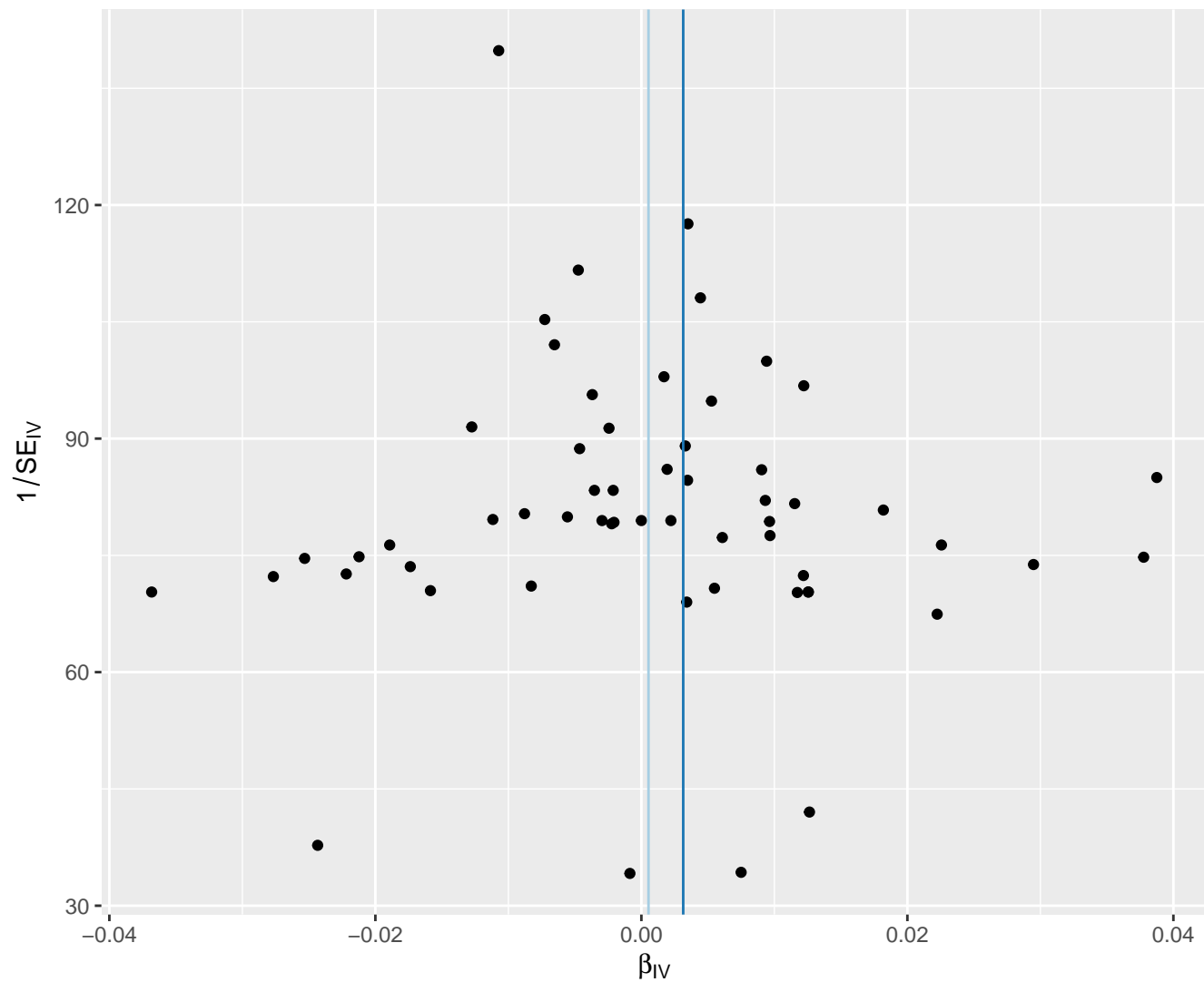
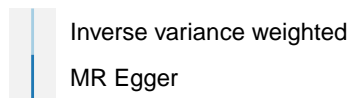
MR Method

- Inverse variance weighted
- MR Egger



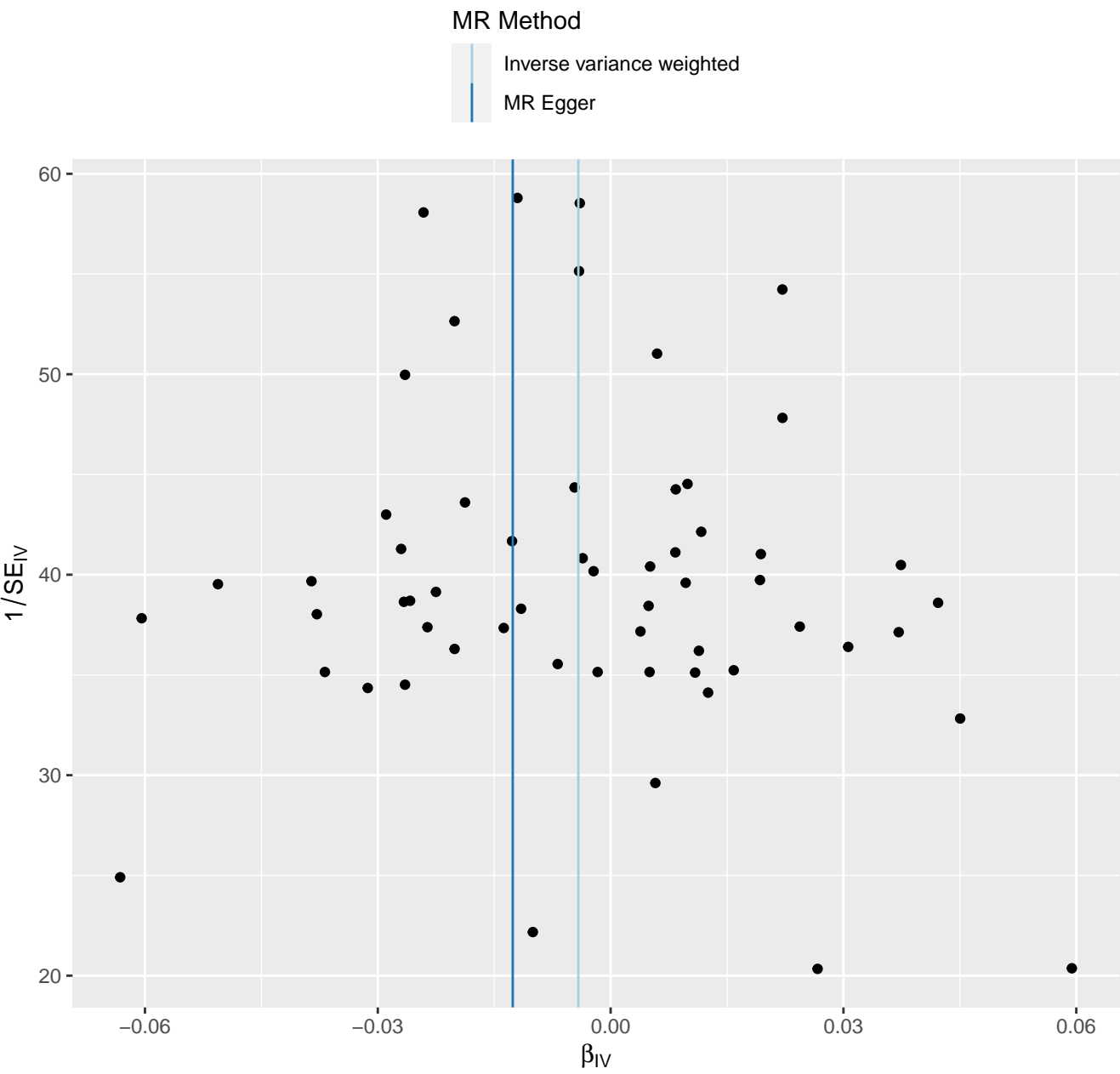
# Dimethylarginine (SDMA + ADMA)

MR Method

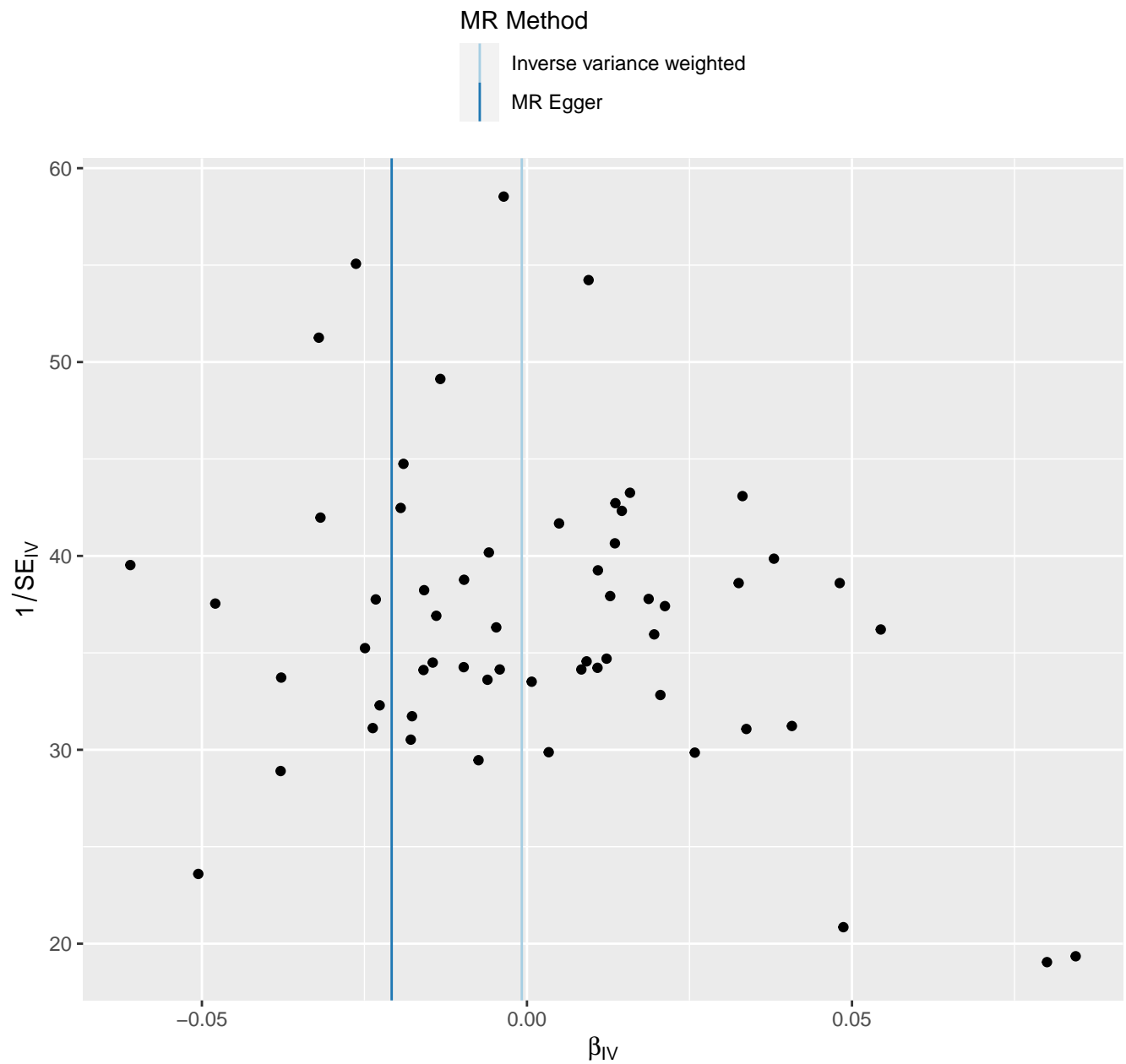




Docosahexaenoate (DHA; 22:6n3)



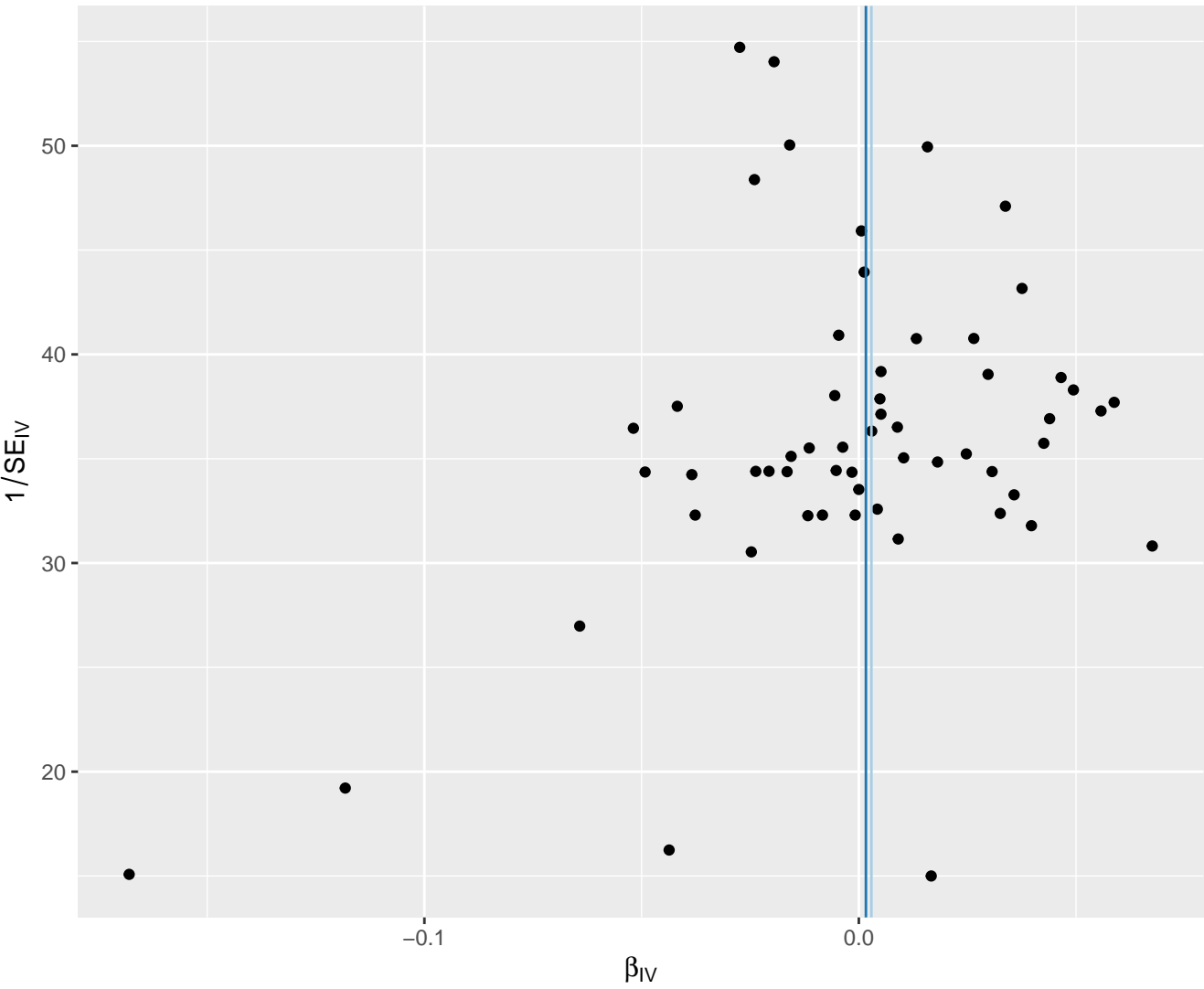
Docosapentaenoate (n3 DPA; 22:5n3)



Dodecanedioate

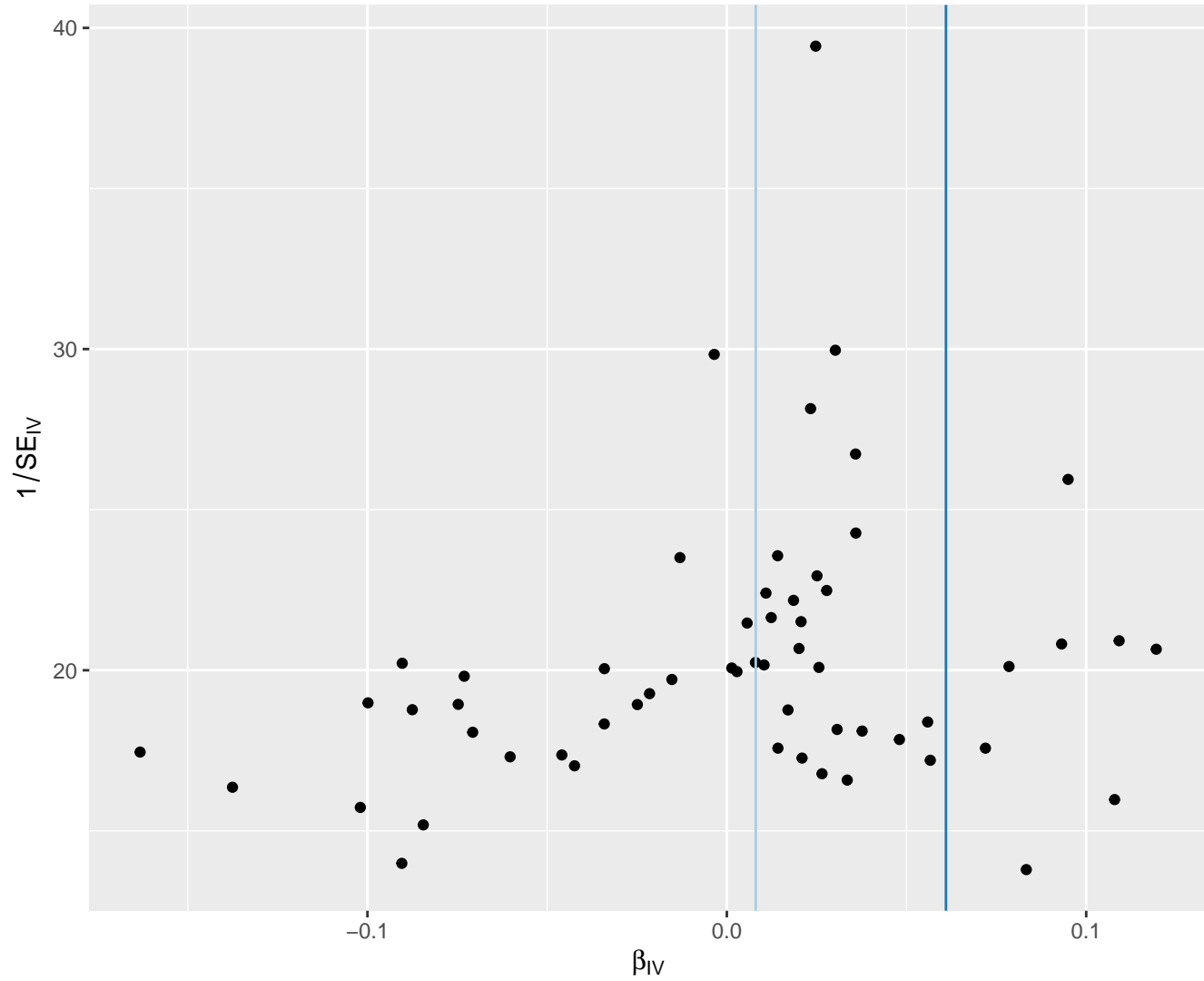
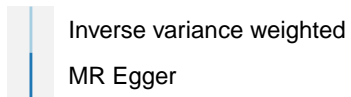
MR Method

- Inverse variance weighted
- MR Egger



DSGEGDFXAEGGGVR\*

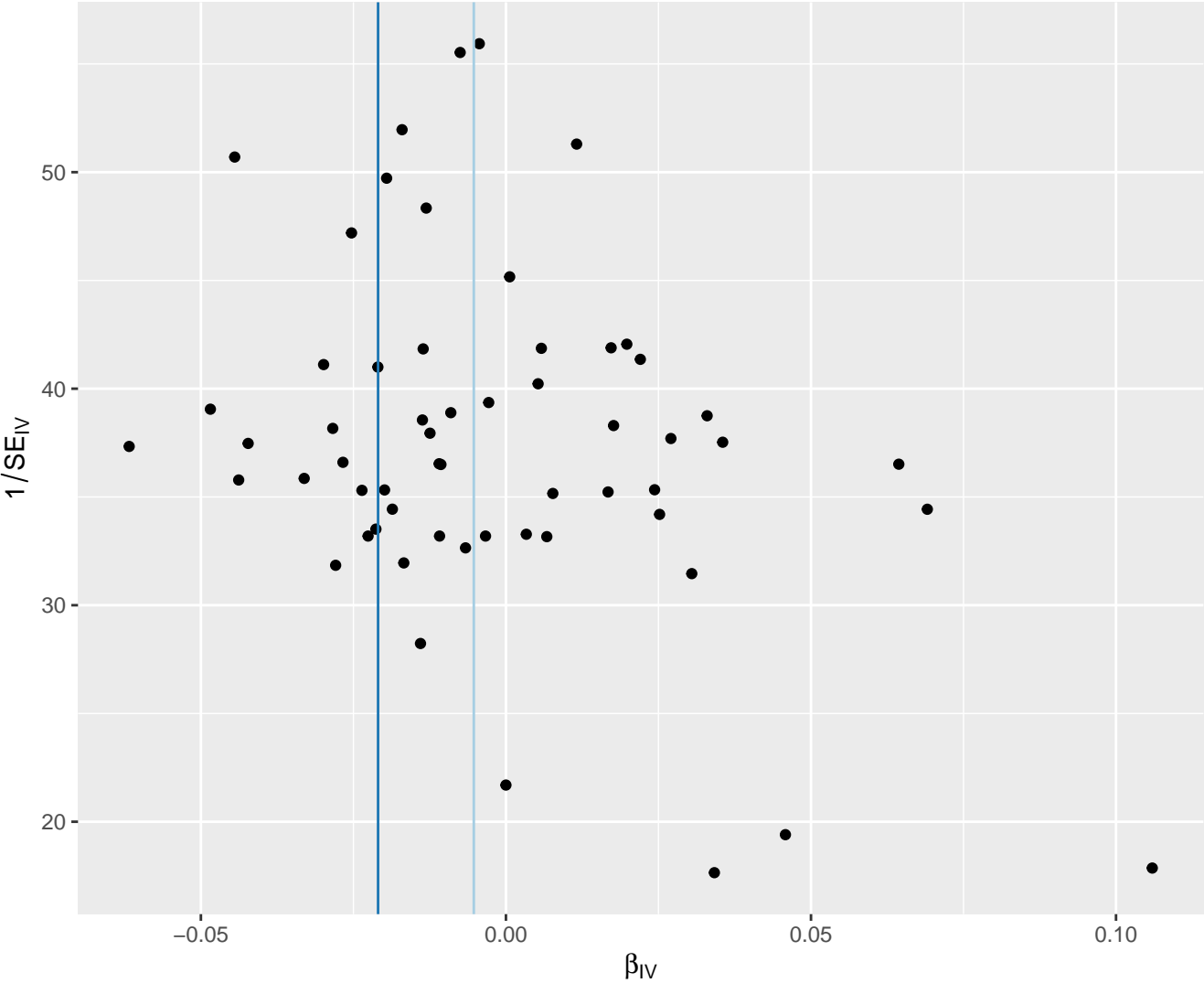
MR Method



Eicosapentaenoate (EPA; 20:5n3)

MR Method

- Inverse variance weighted
- MR Egger



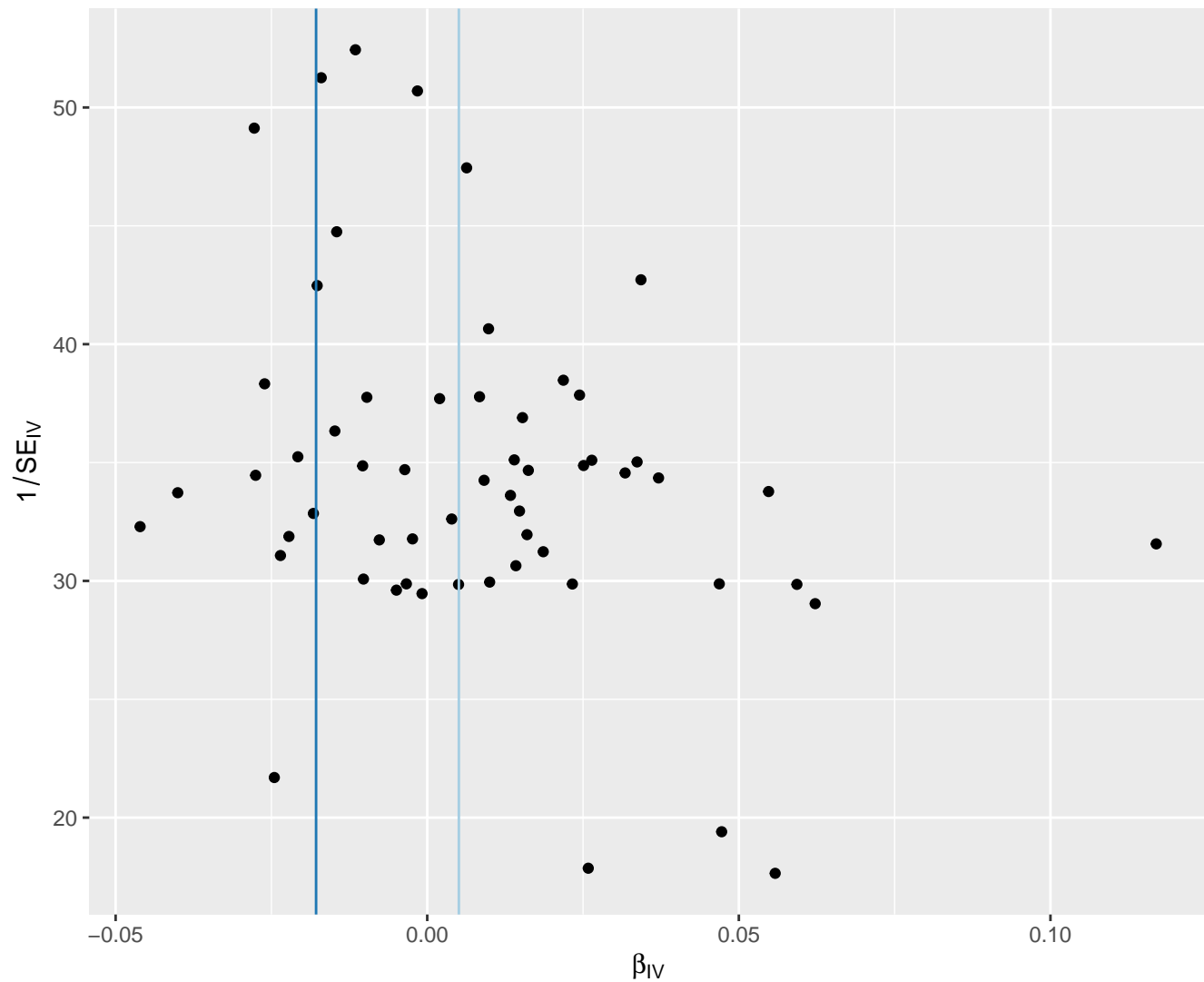
# Eicosenoate (20:1n9 or 11)

MR Method



Inverse variance weighted

MR Egger



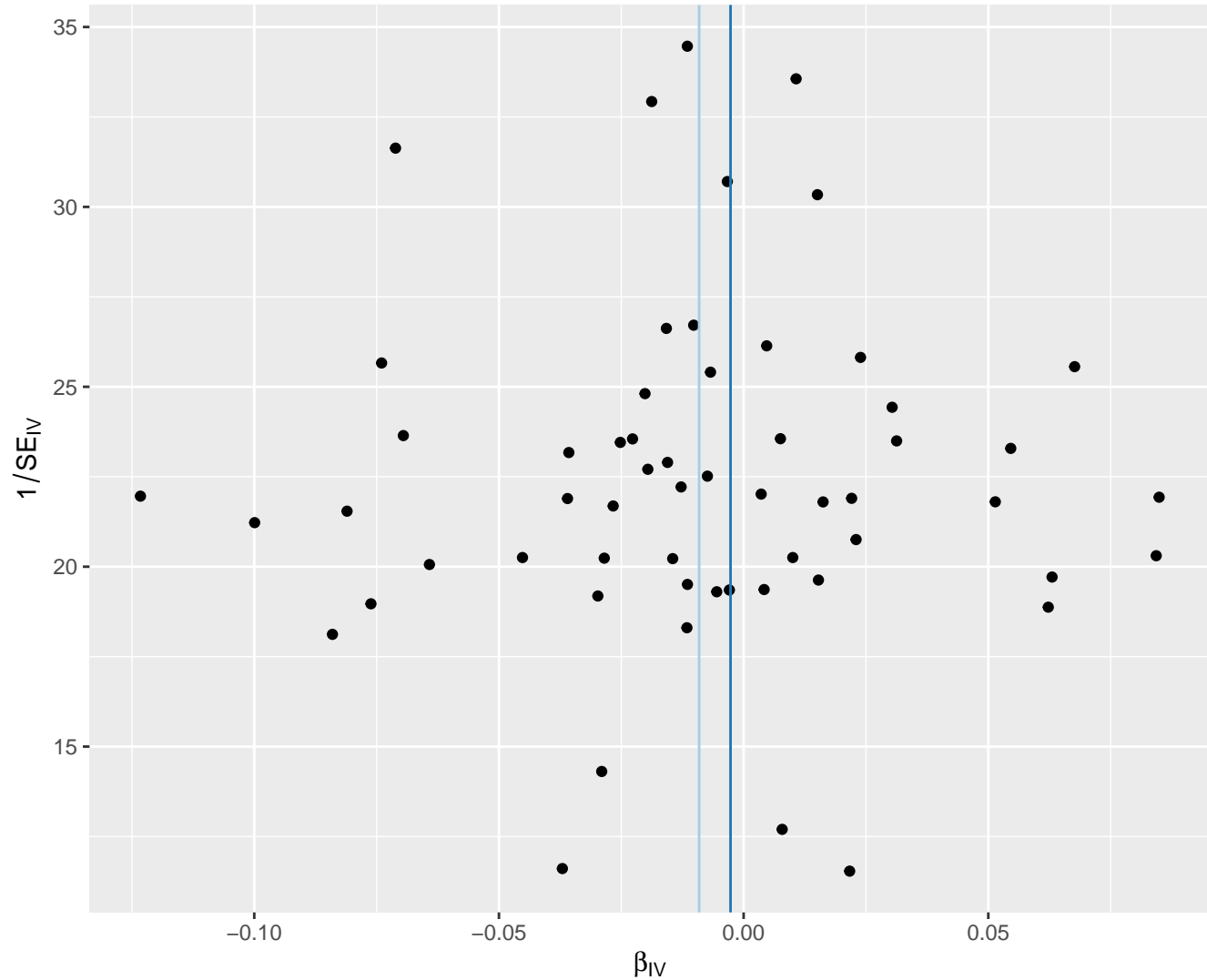
# Epiandrosterone sulfate

MR Method



Inverse variance weighted

MR Egger

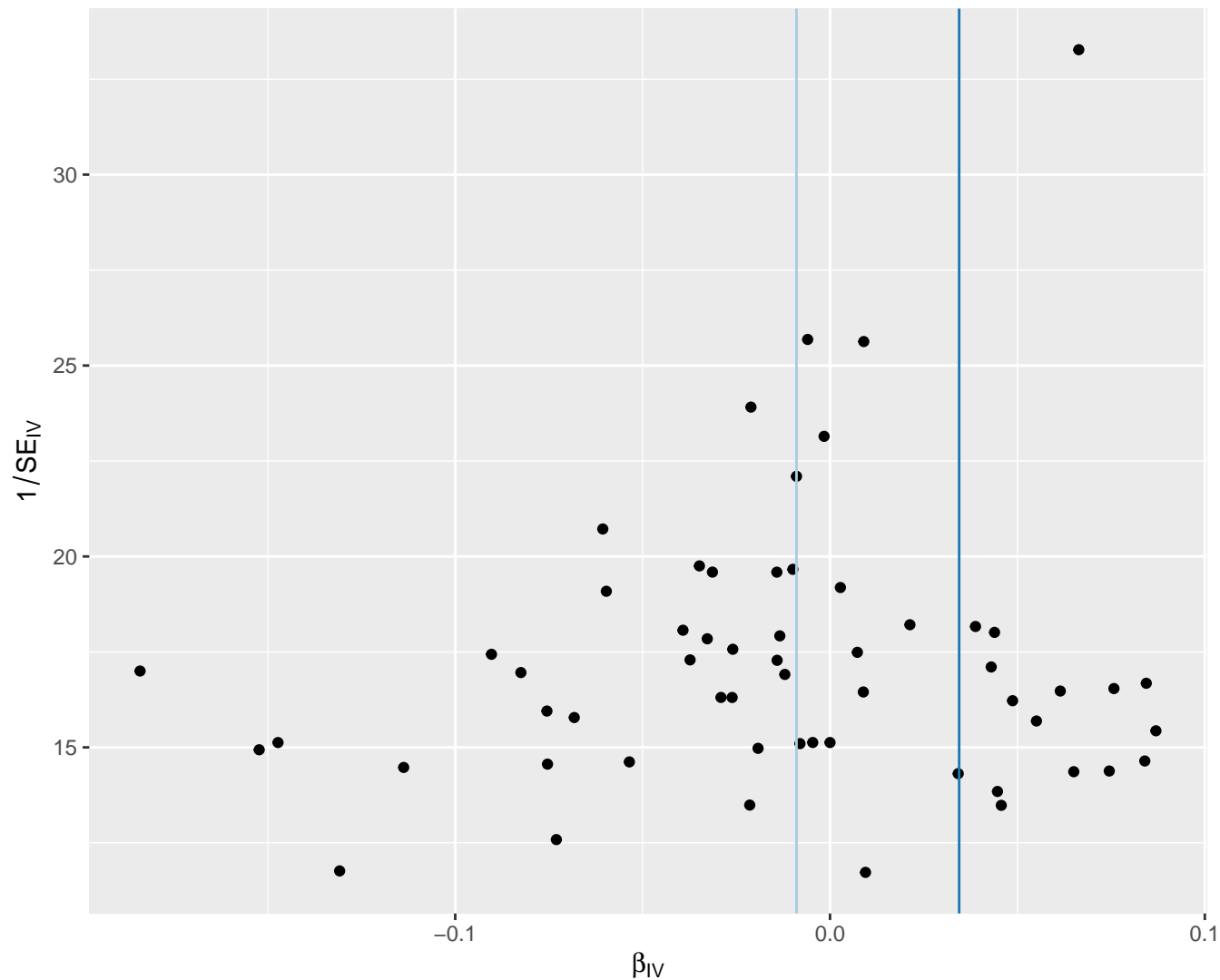


# Ergothioneine

MR Method

Inverse variance weighted

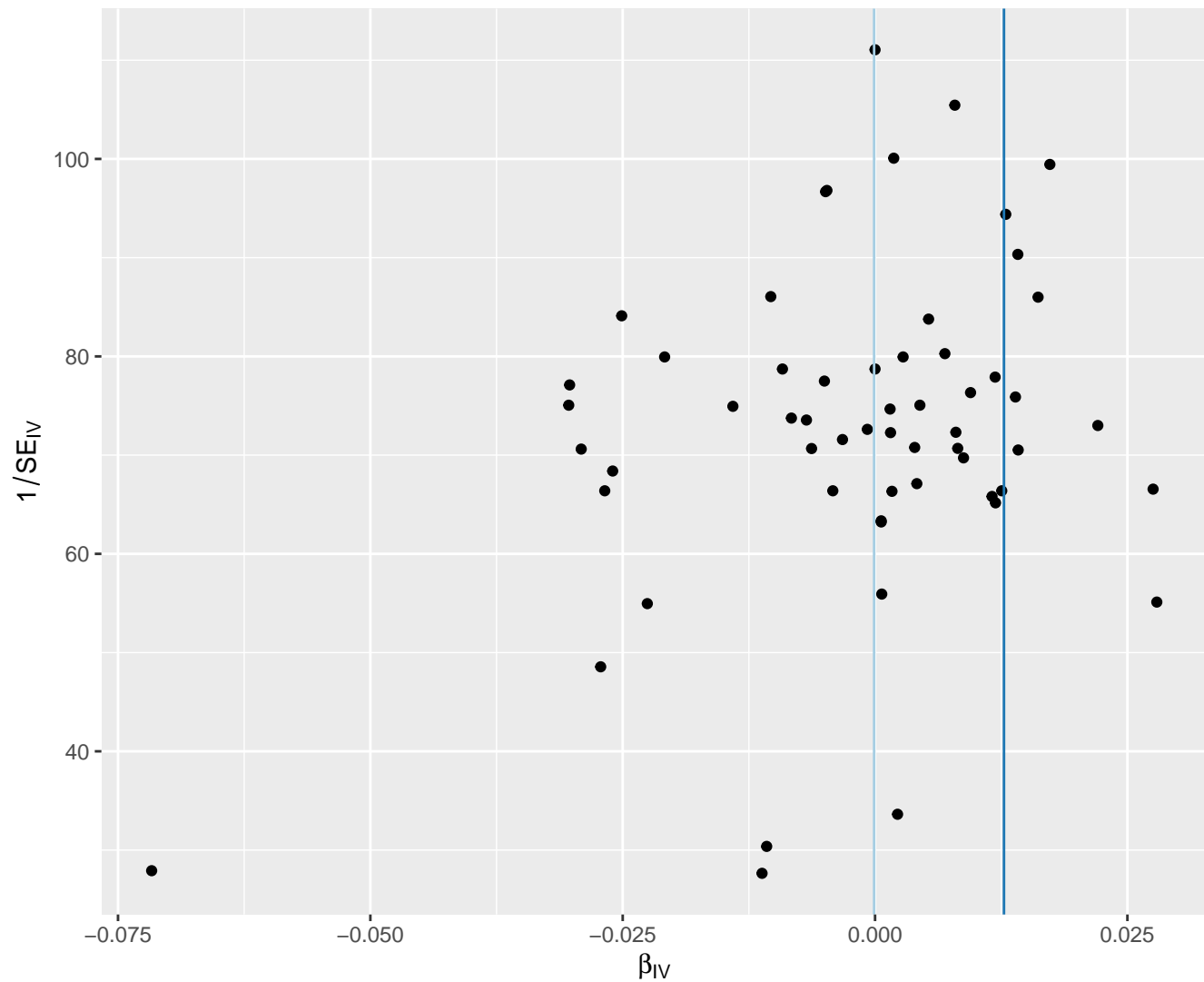
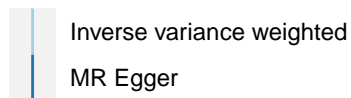
MR Egger





Erythronate\*

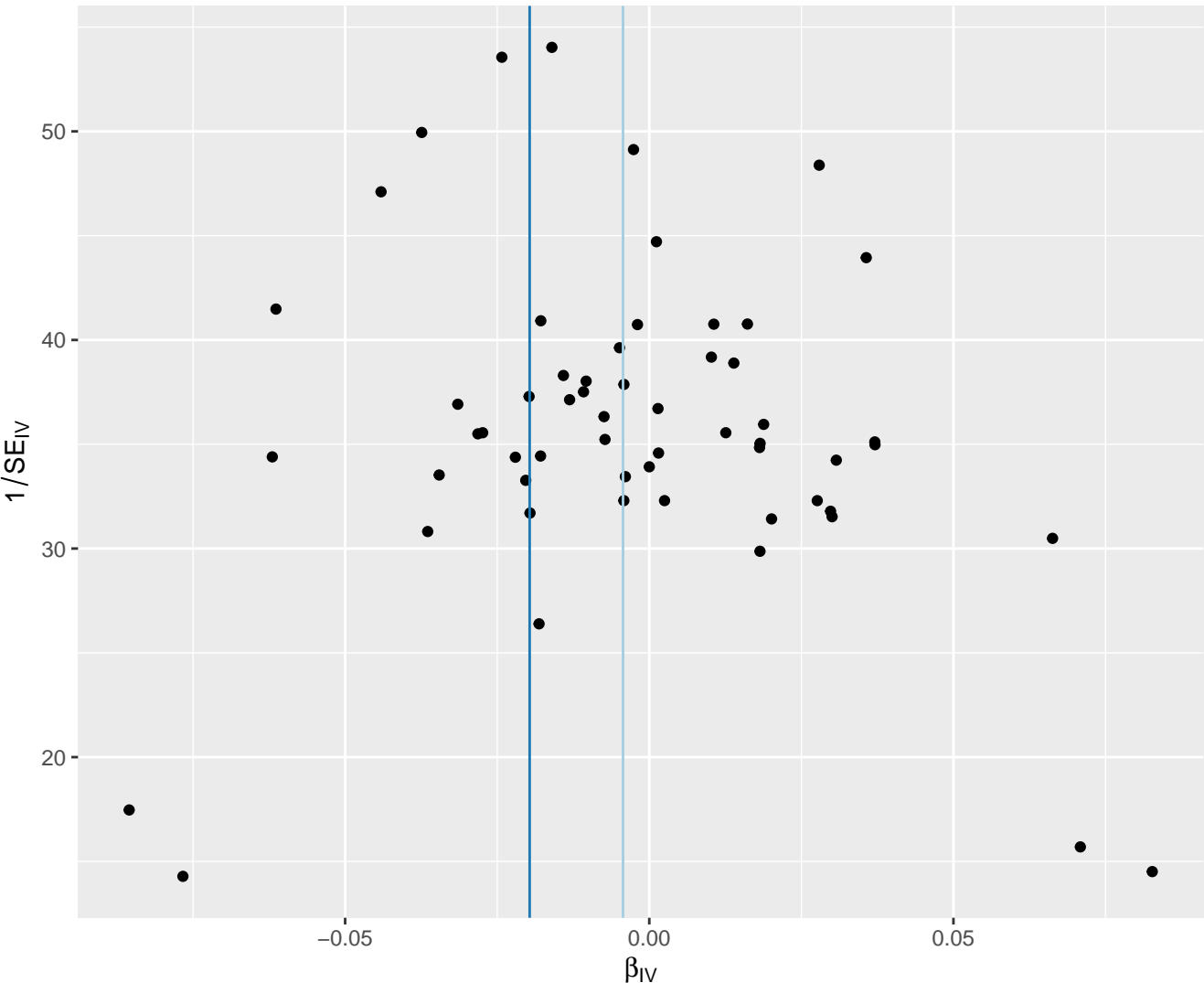
MR Method



# Erythrore

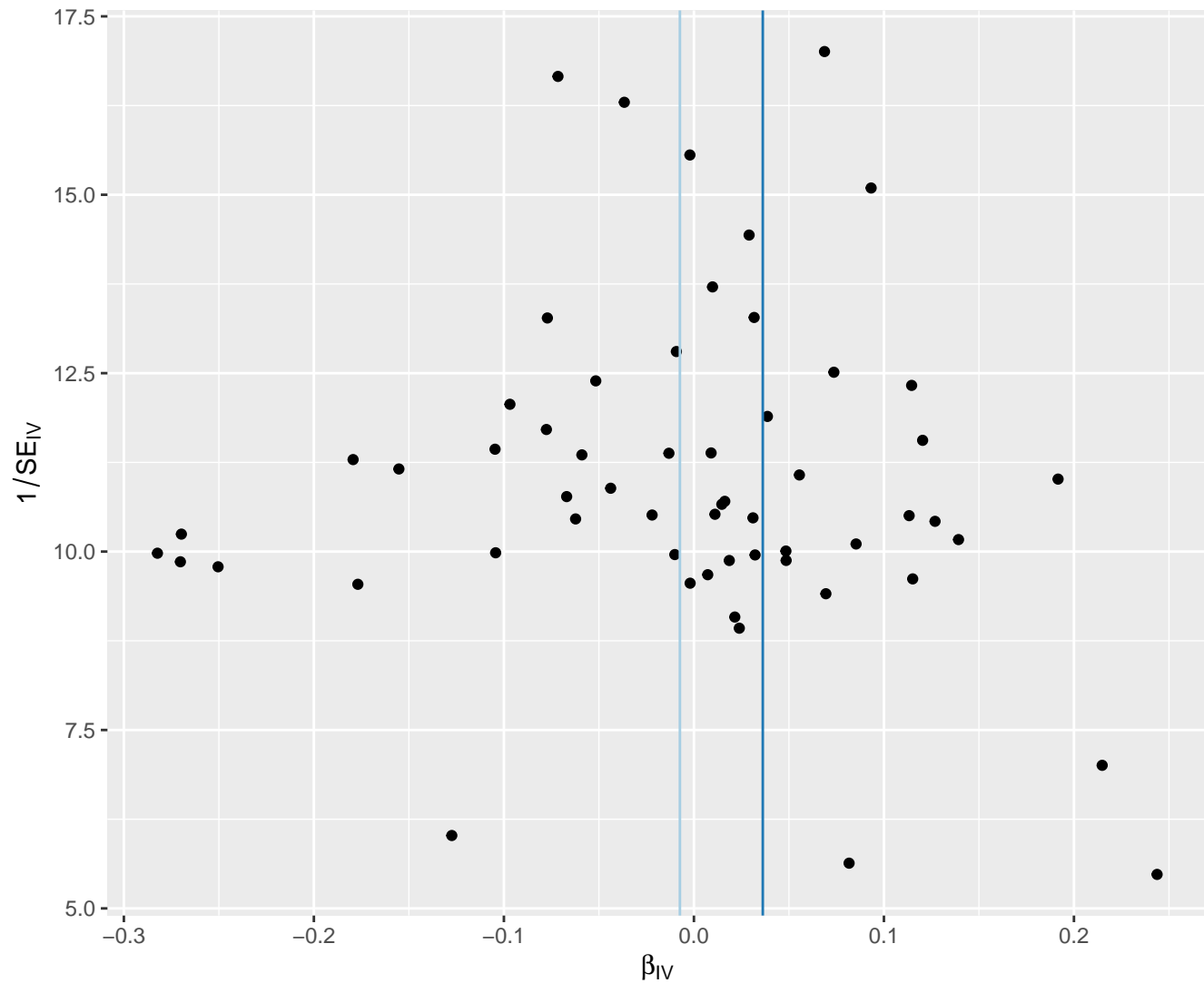
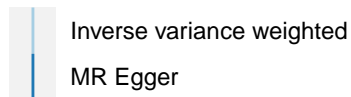
MR Method

- Inverse variance weighted
- MR Egger



# Estrone 3-sulfate

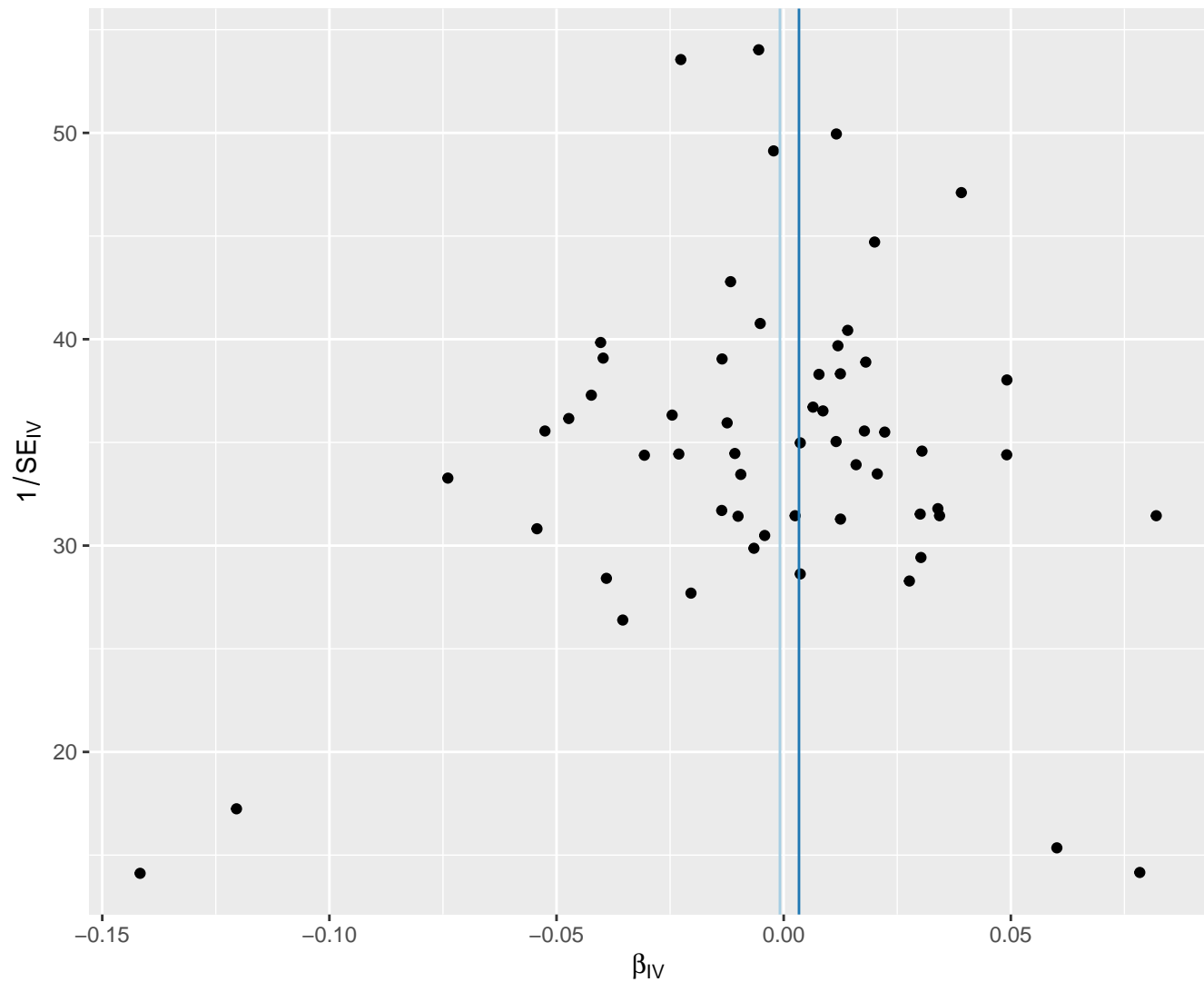
MR Method



# Fructose

## MR Method

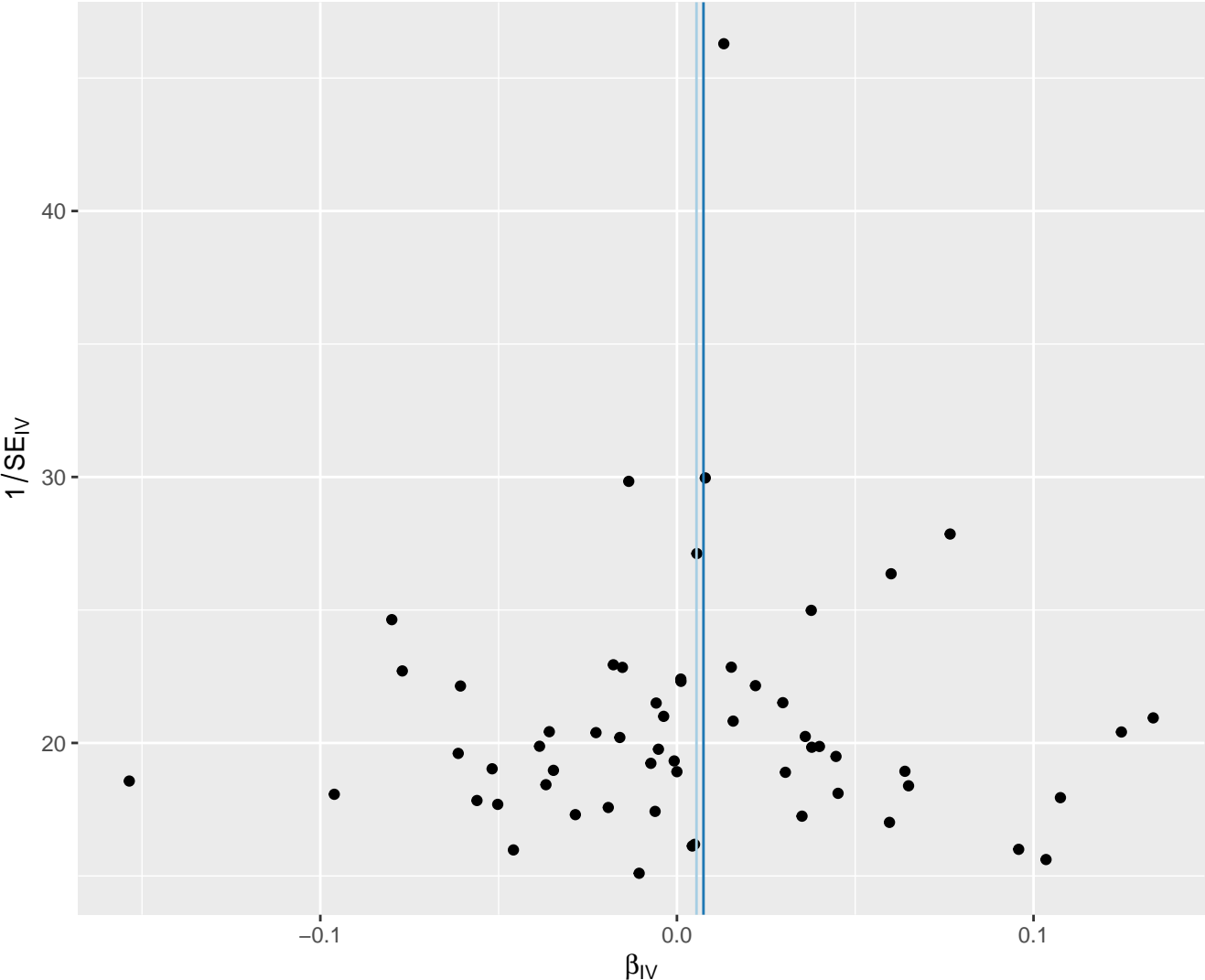
- Inverse variance weighted
- MR Egger



# Gamma-glutamylglutamate

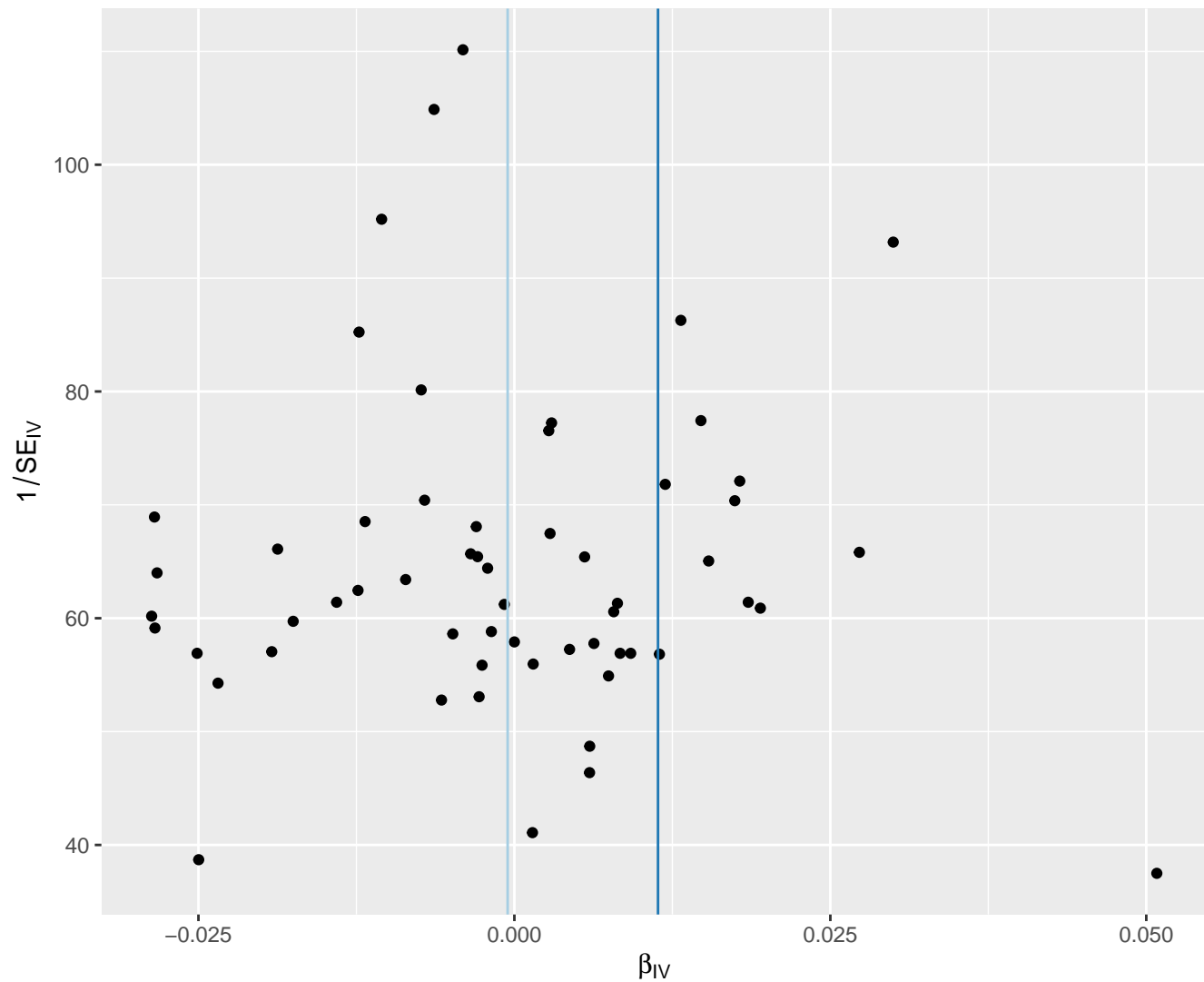
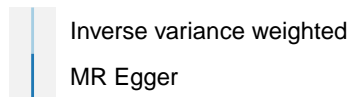
MR Method

- Inverse variance weighted
- MR Egger



# Gamma-glutamylglutamine

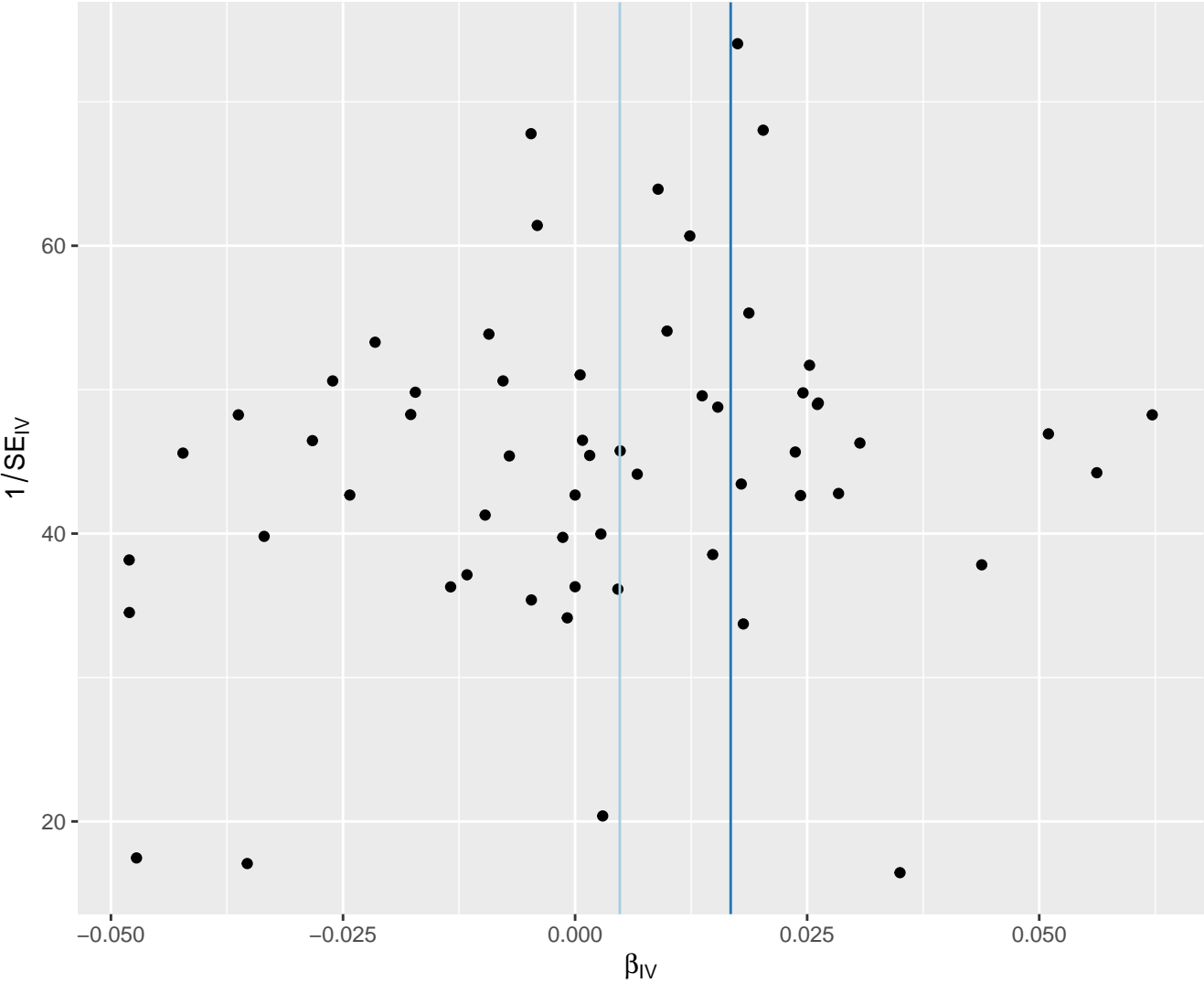
MR Method



Gamma-glutamylisoleucine\*

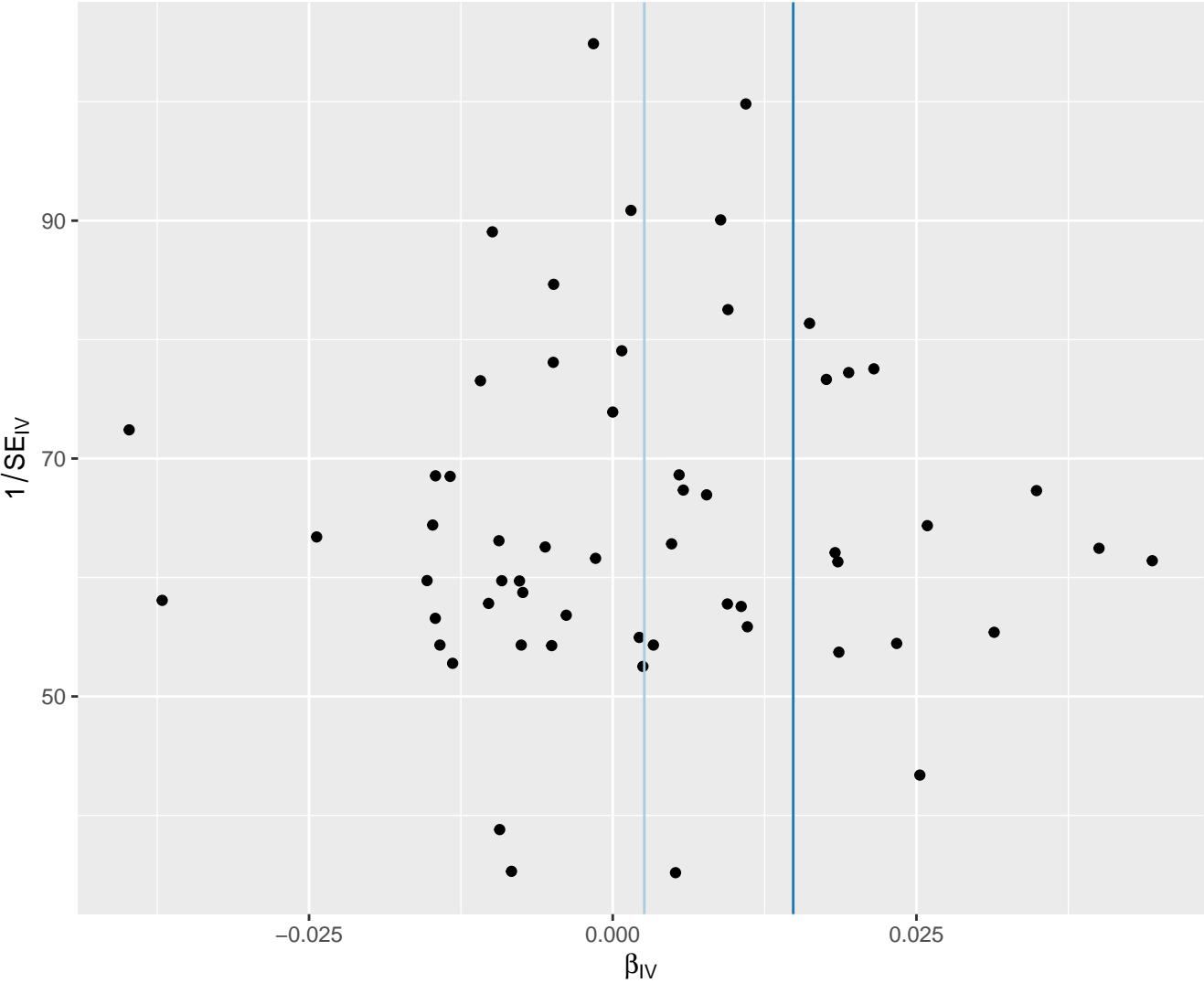
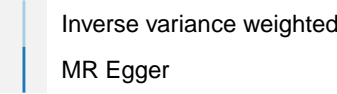
MR Method

- Inverse variance weighted
- MR Egger



# Gamma-glutamylleucine

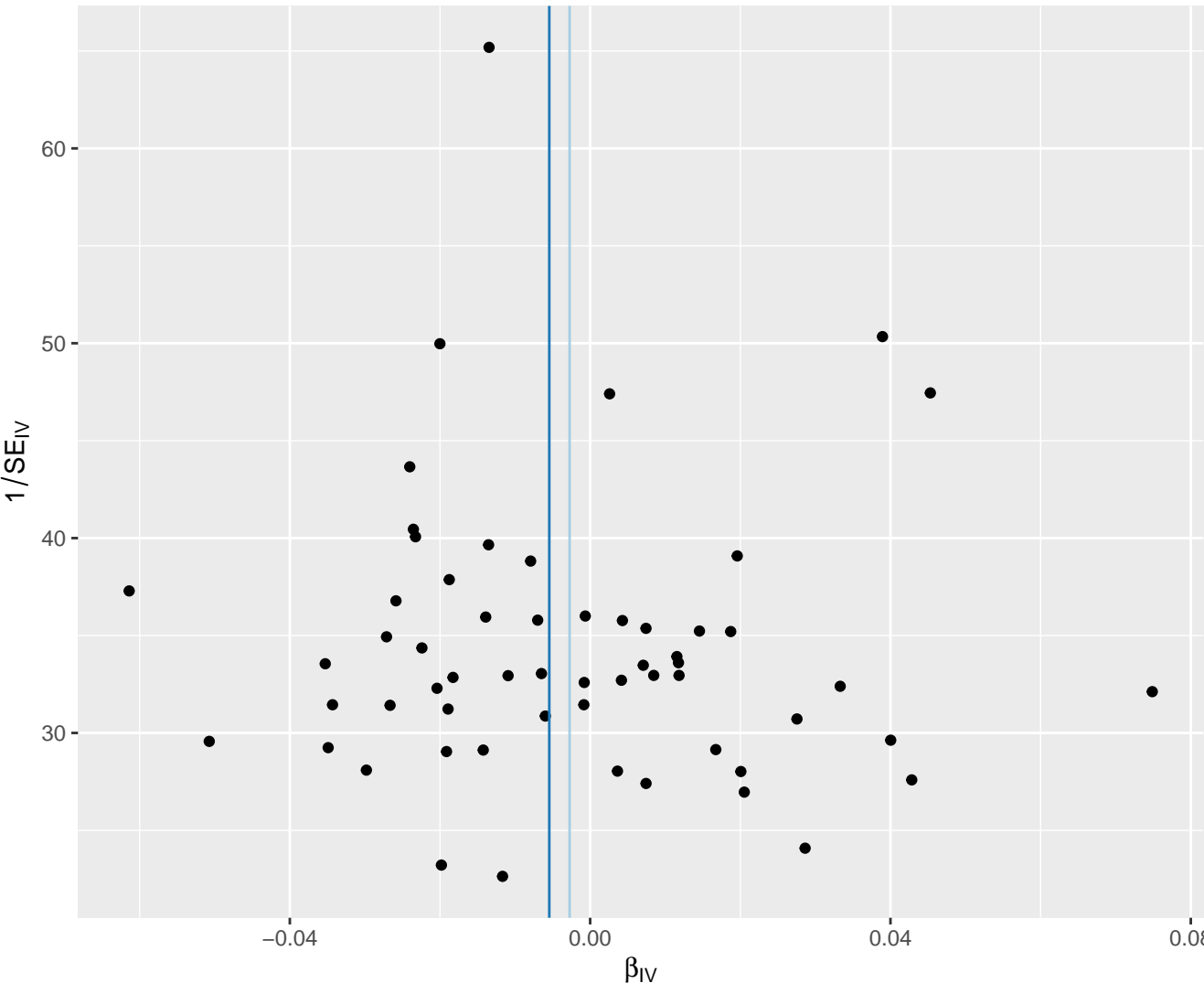
MR Method





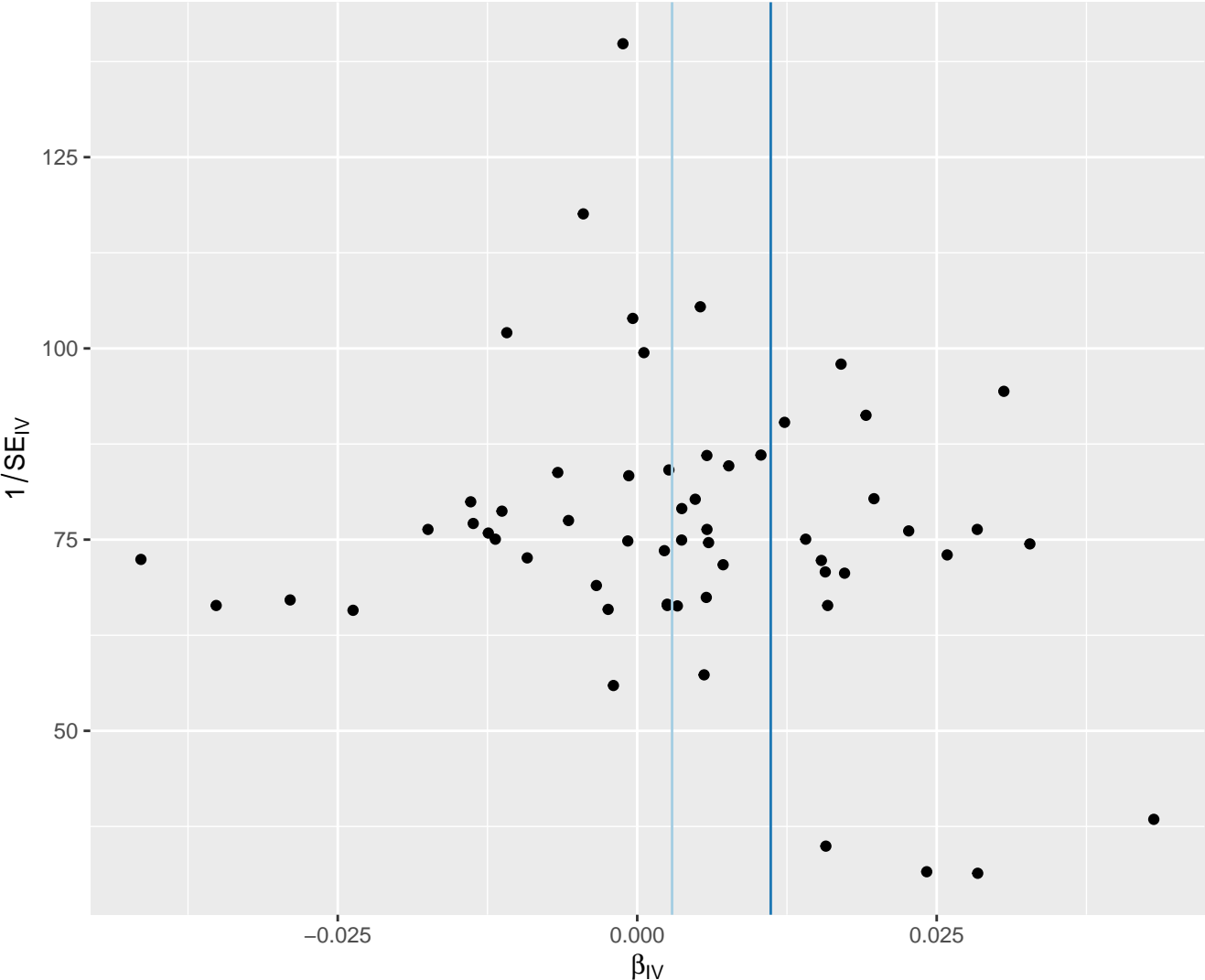
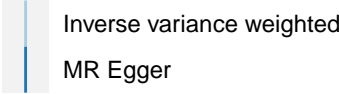
Gamma-glutamylmethionine\*

MR Method



# Gamma-glutamylphenylalanine

MR Method



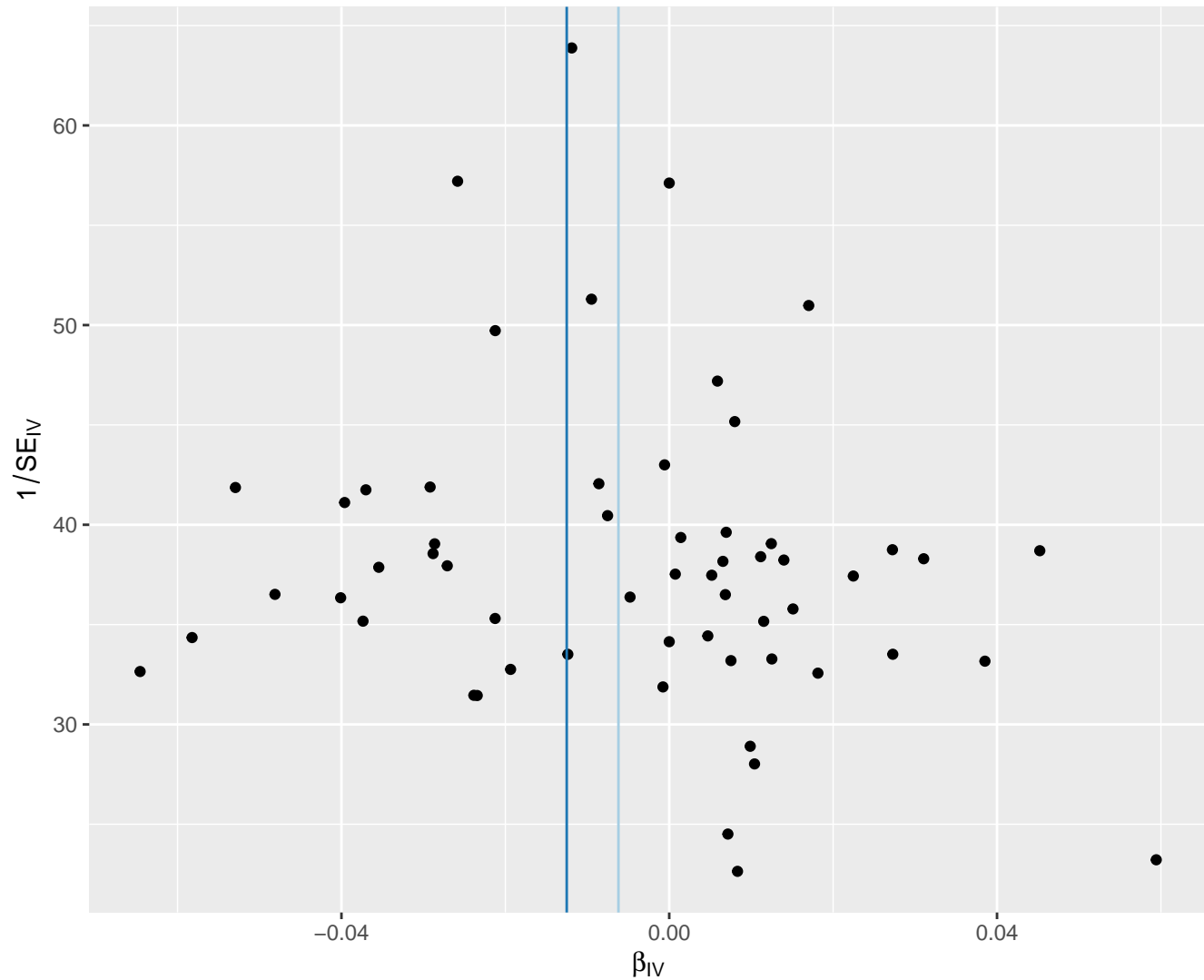
# Gamma-glutamylthreonine\*

MR Method



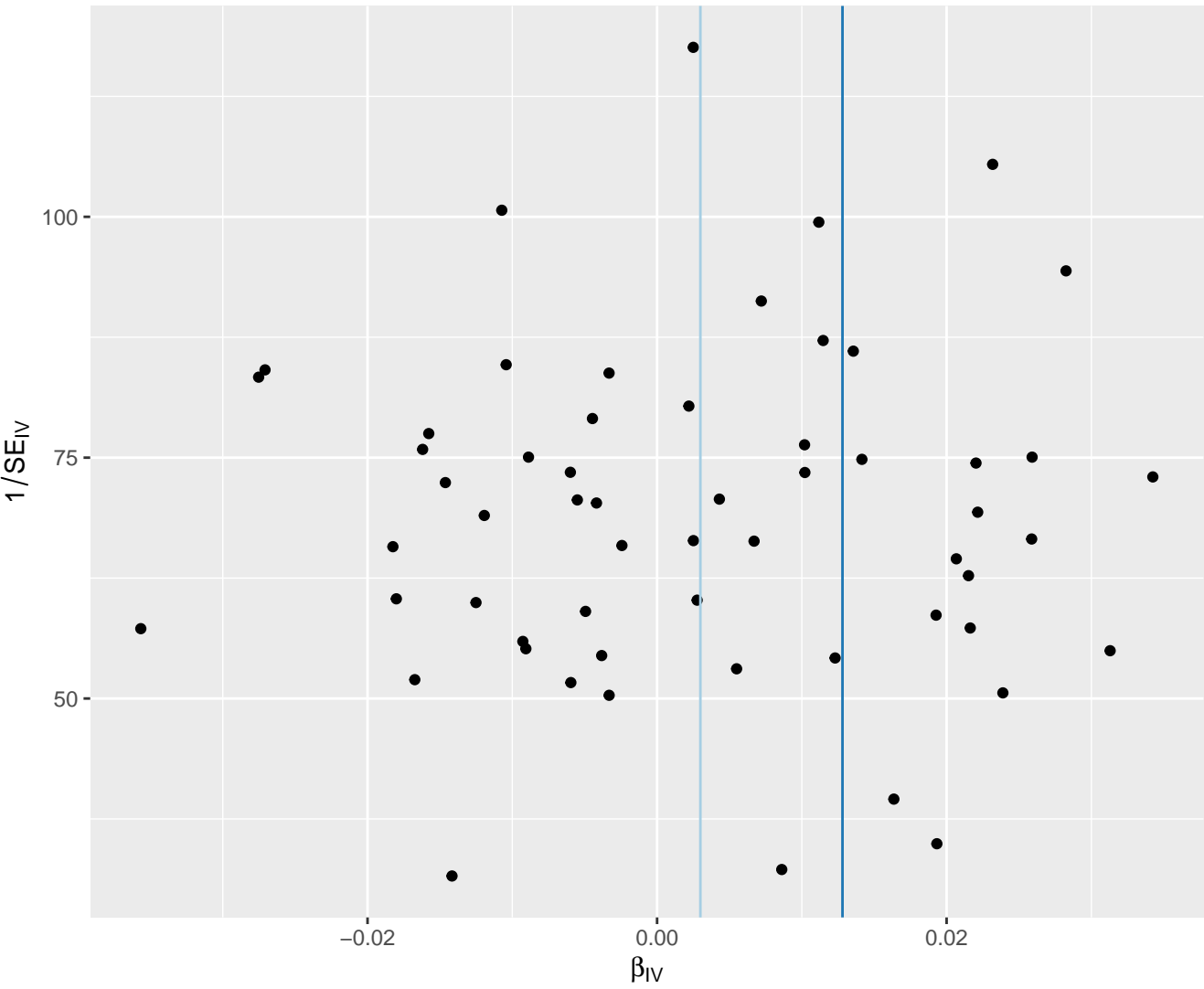
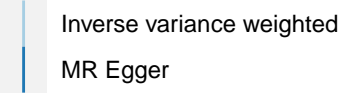
Inverse variance weighted

MR Egger



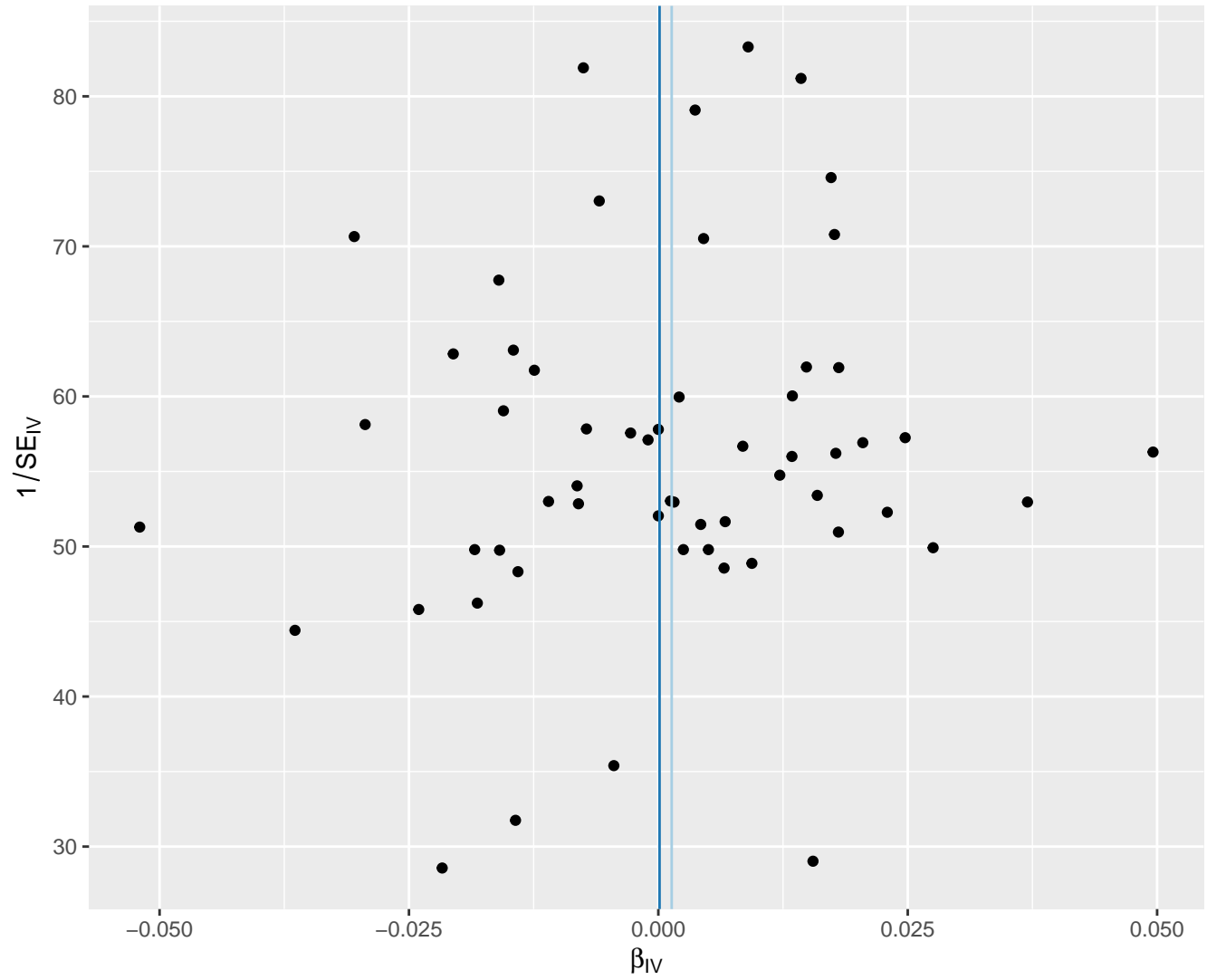
Gamma-glutamyltyrosine

MR Method



# Gamma-glutamylvaline

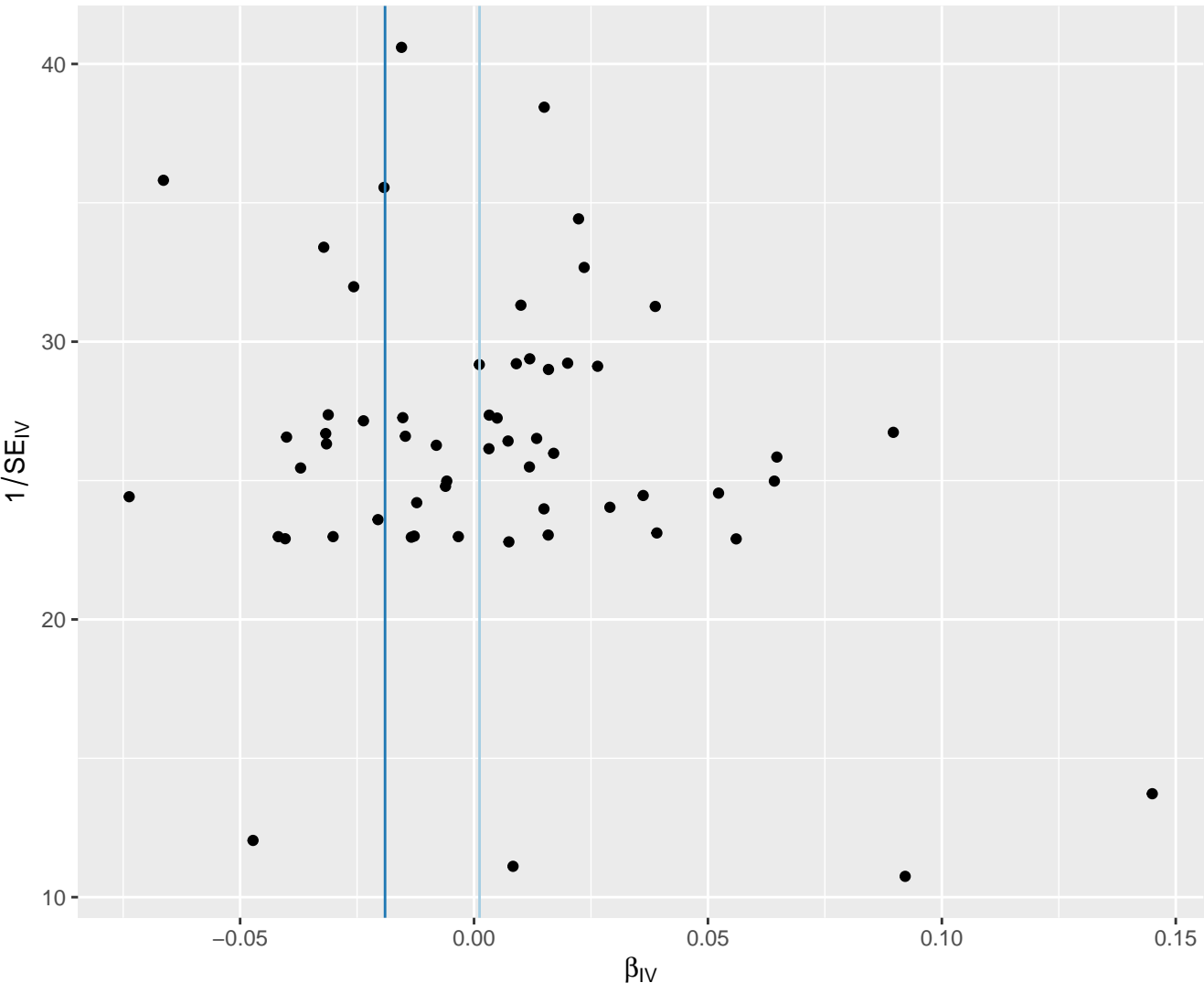
MR Method



# Gamma-tocopherol

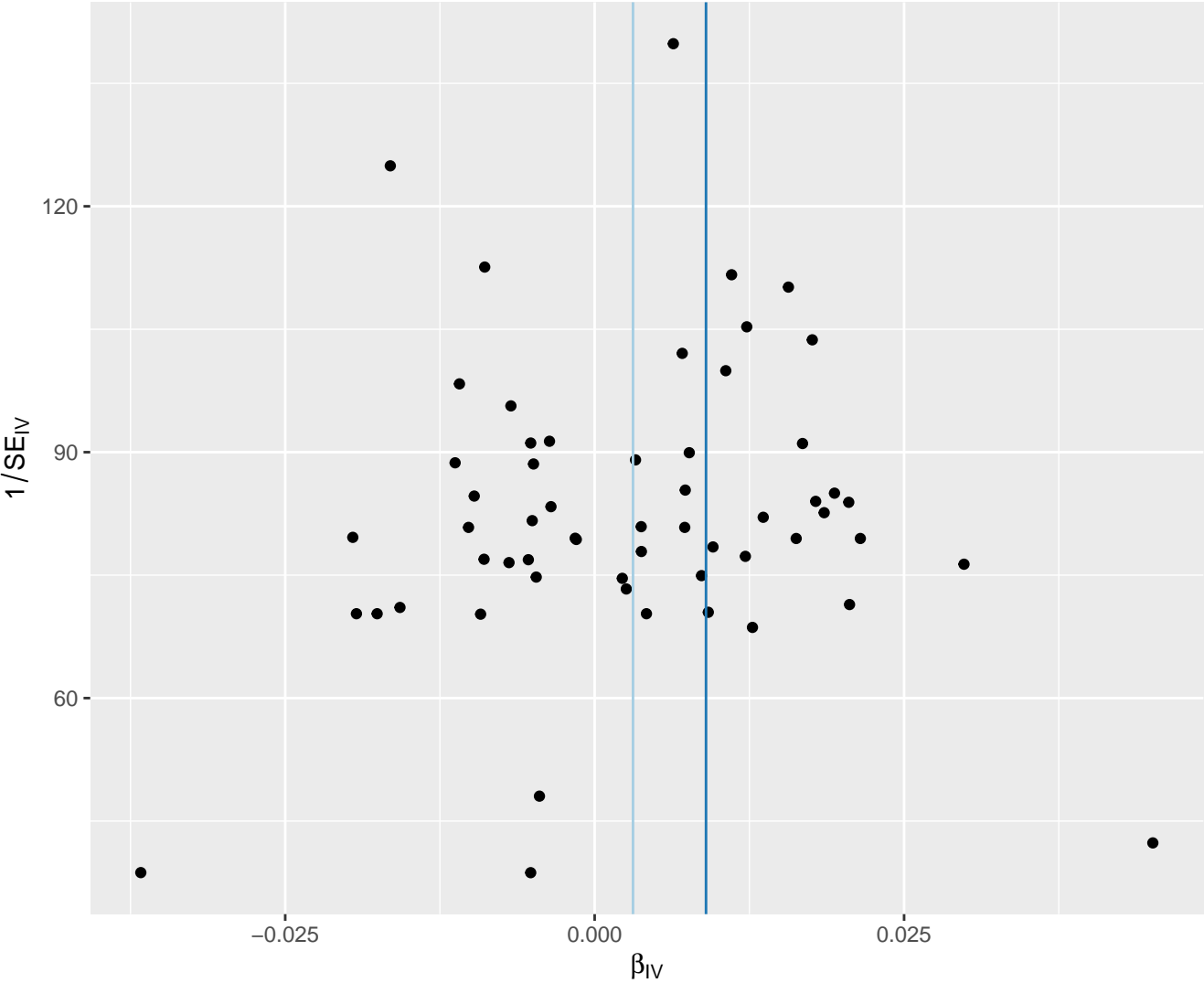
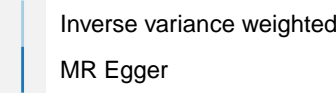
MR Method

- Inverse variance weighted
- MR Egger



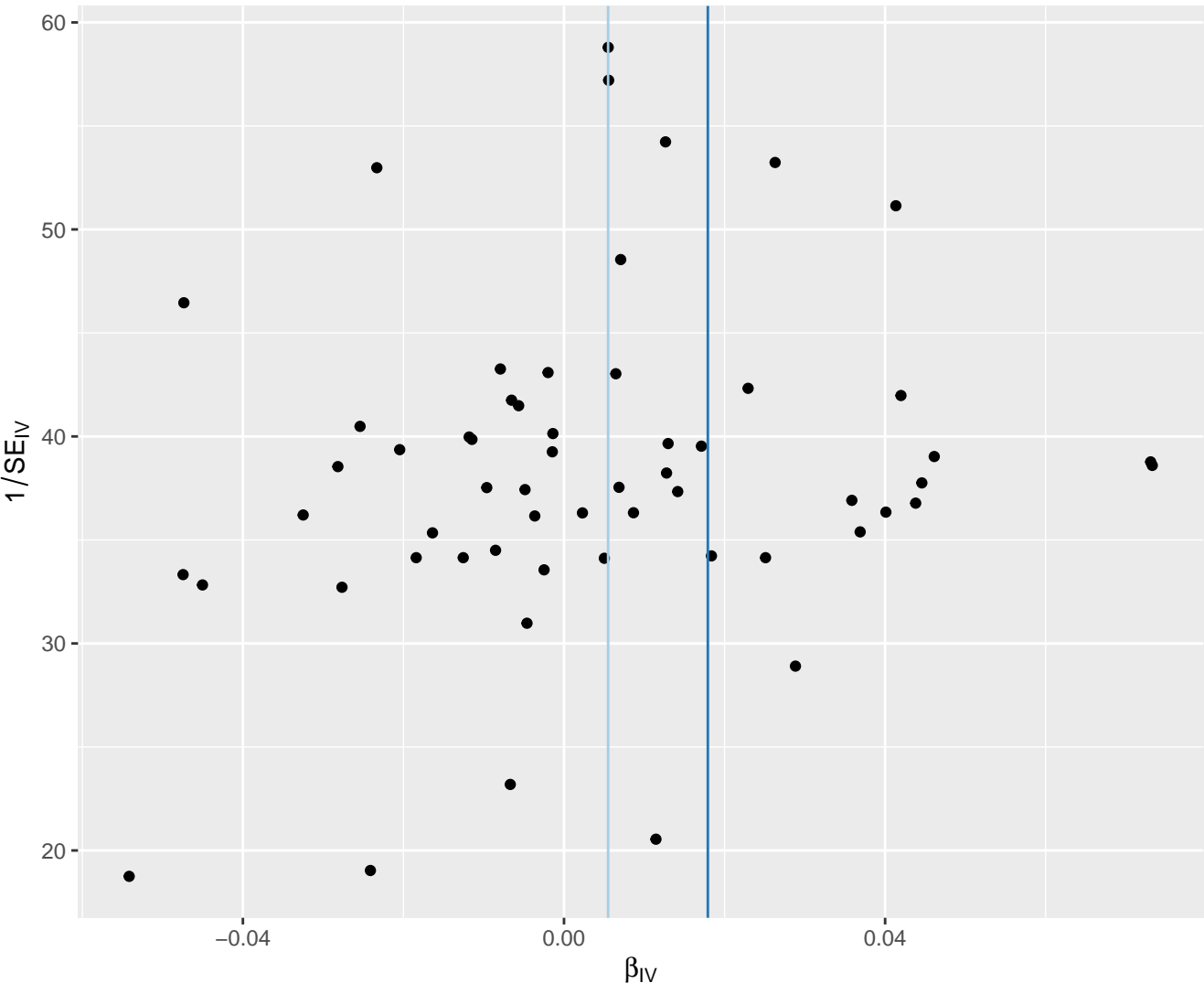
Glucose

MR Method



# Glutamate

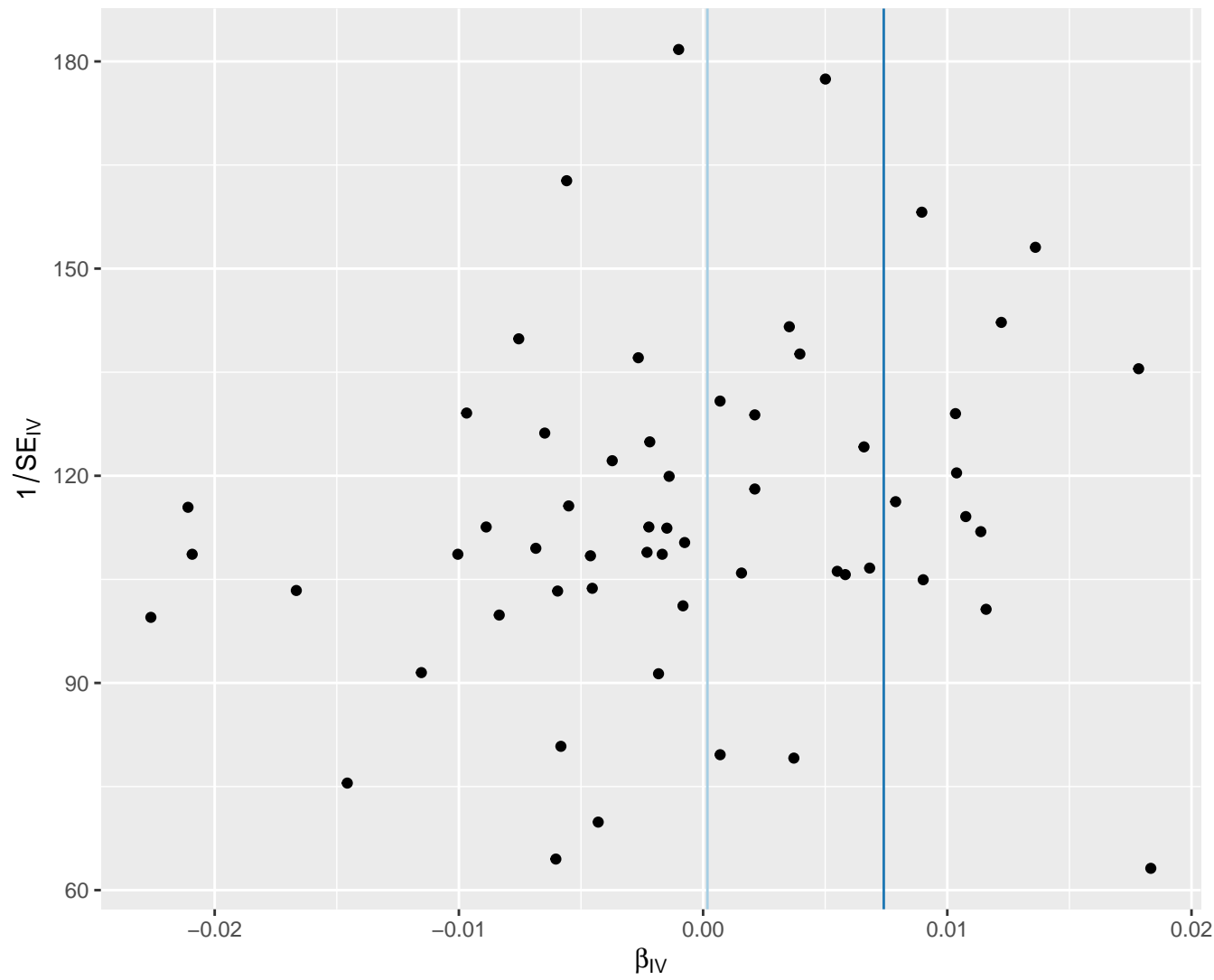
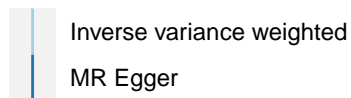
MR Method





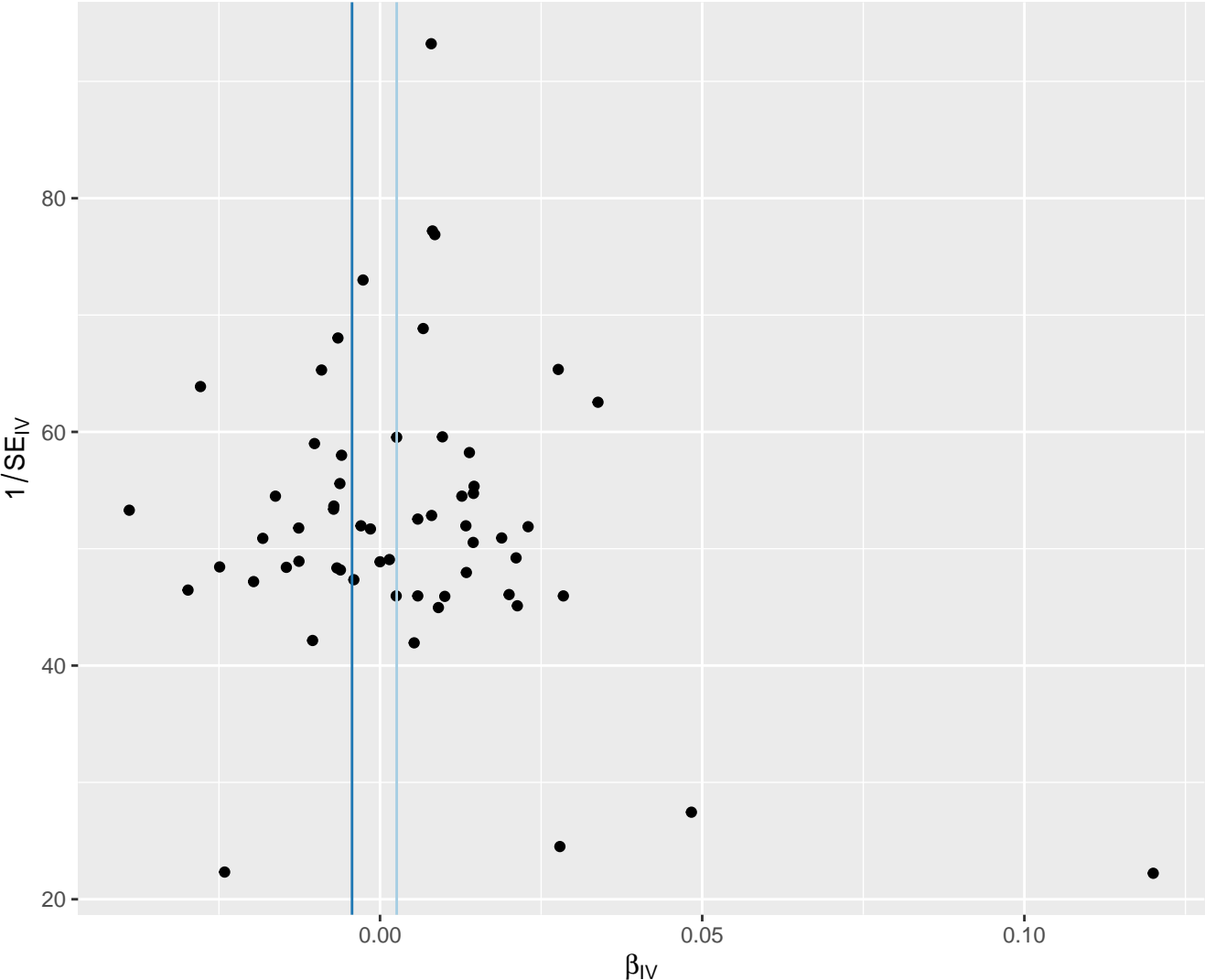
# Glutamine

## MR Method



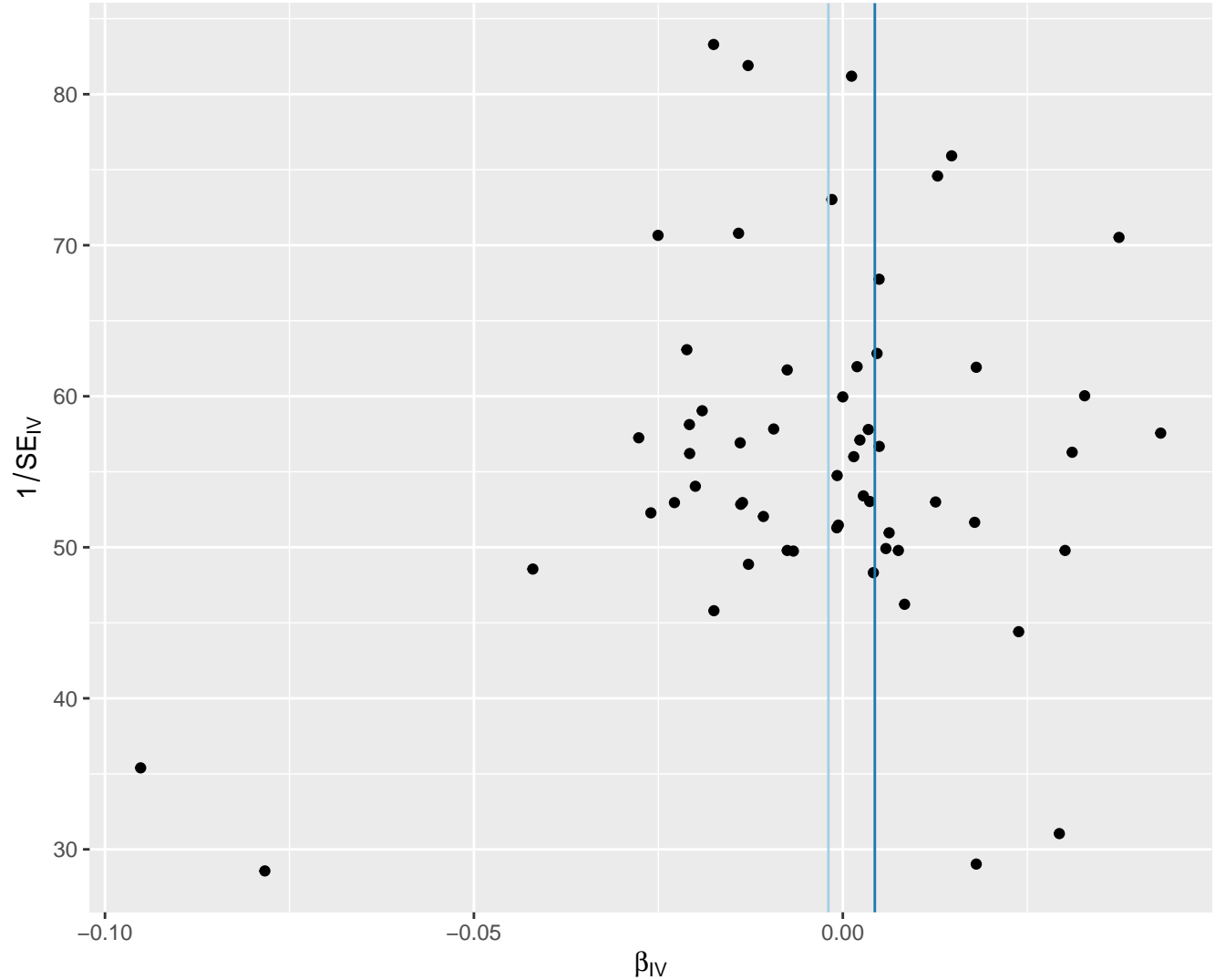
# Glutaroyl carnitine

MR Method



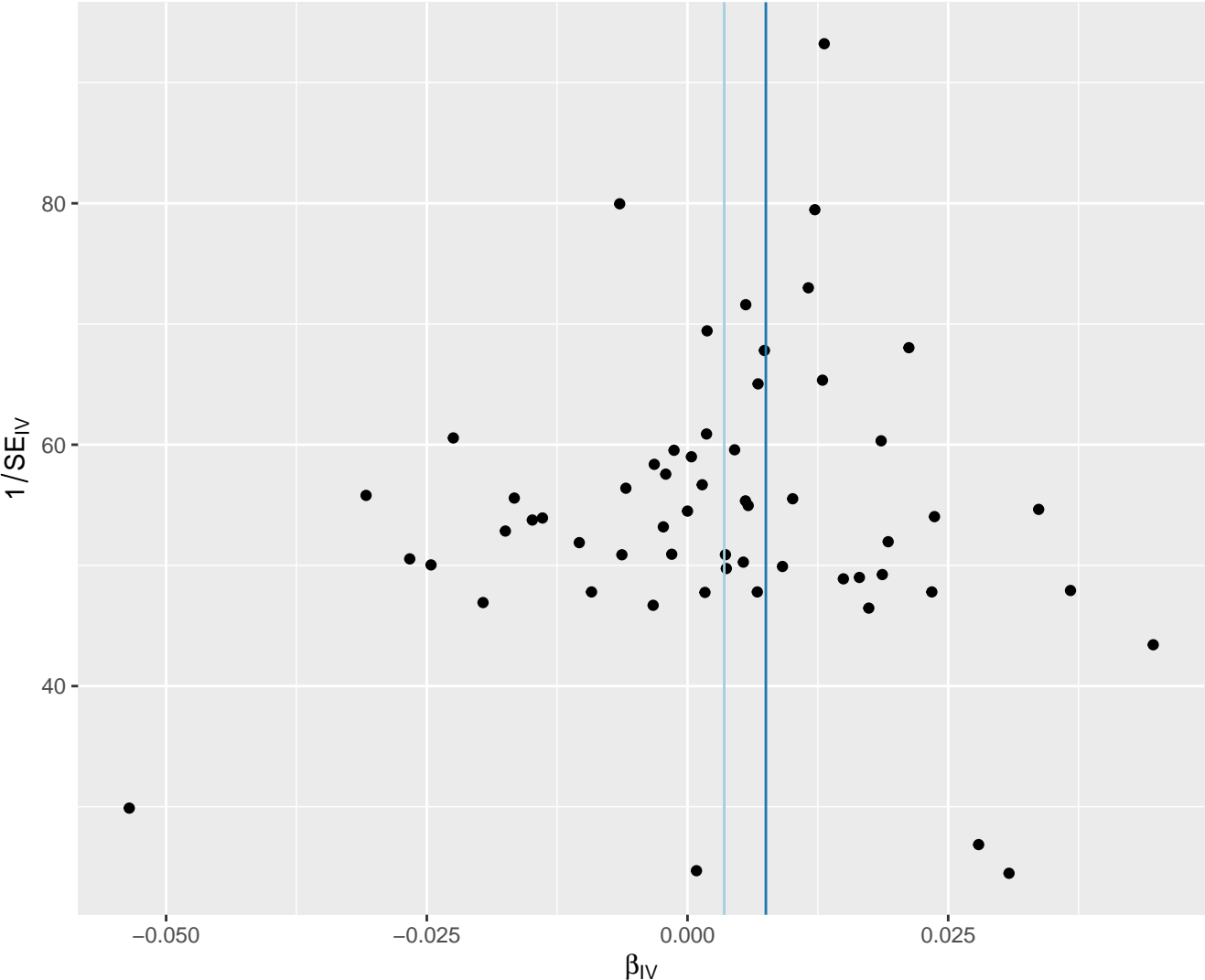
# Glycerate

MR Method



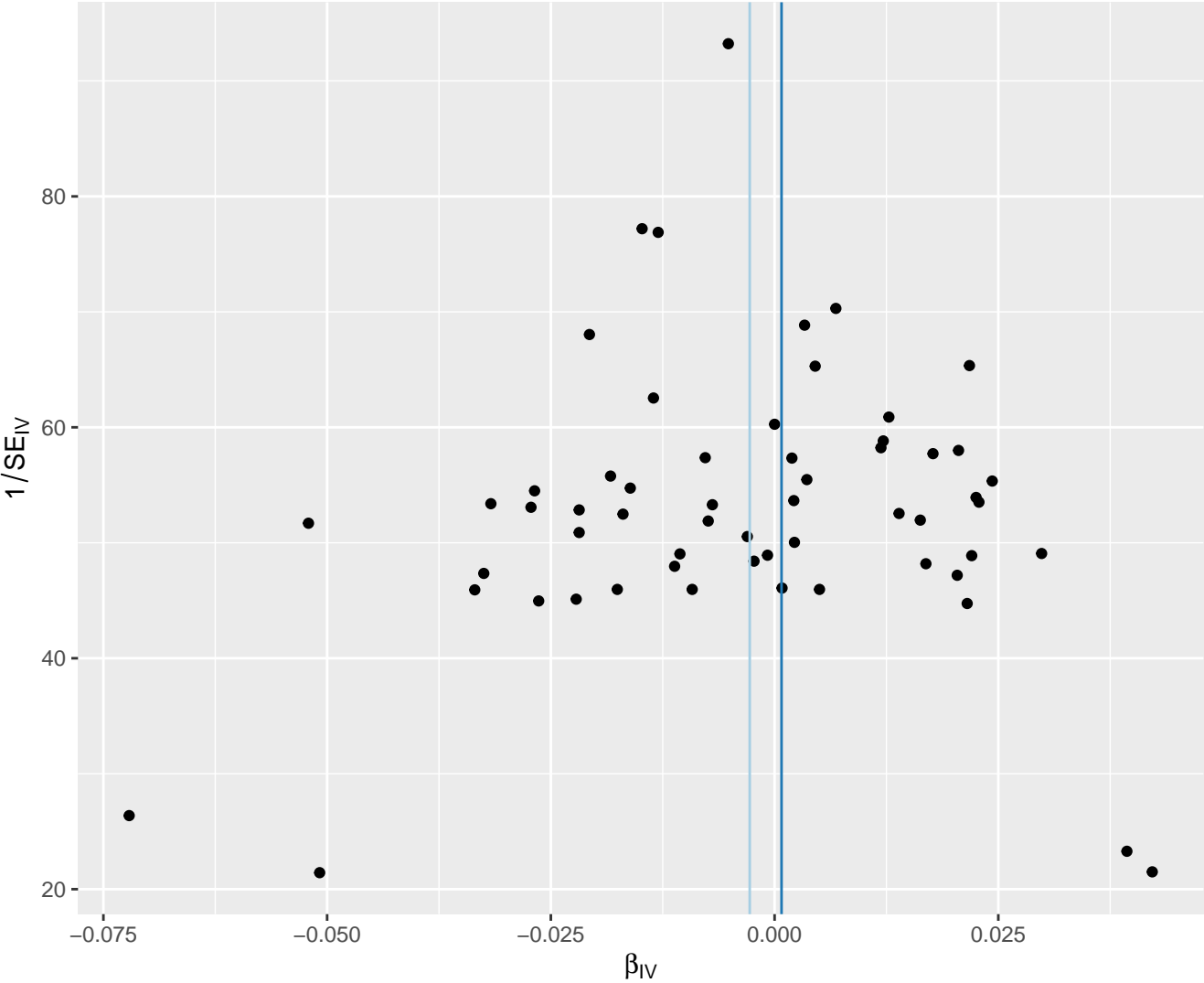
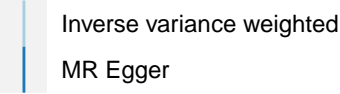
# Glycerol

MR Method



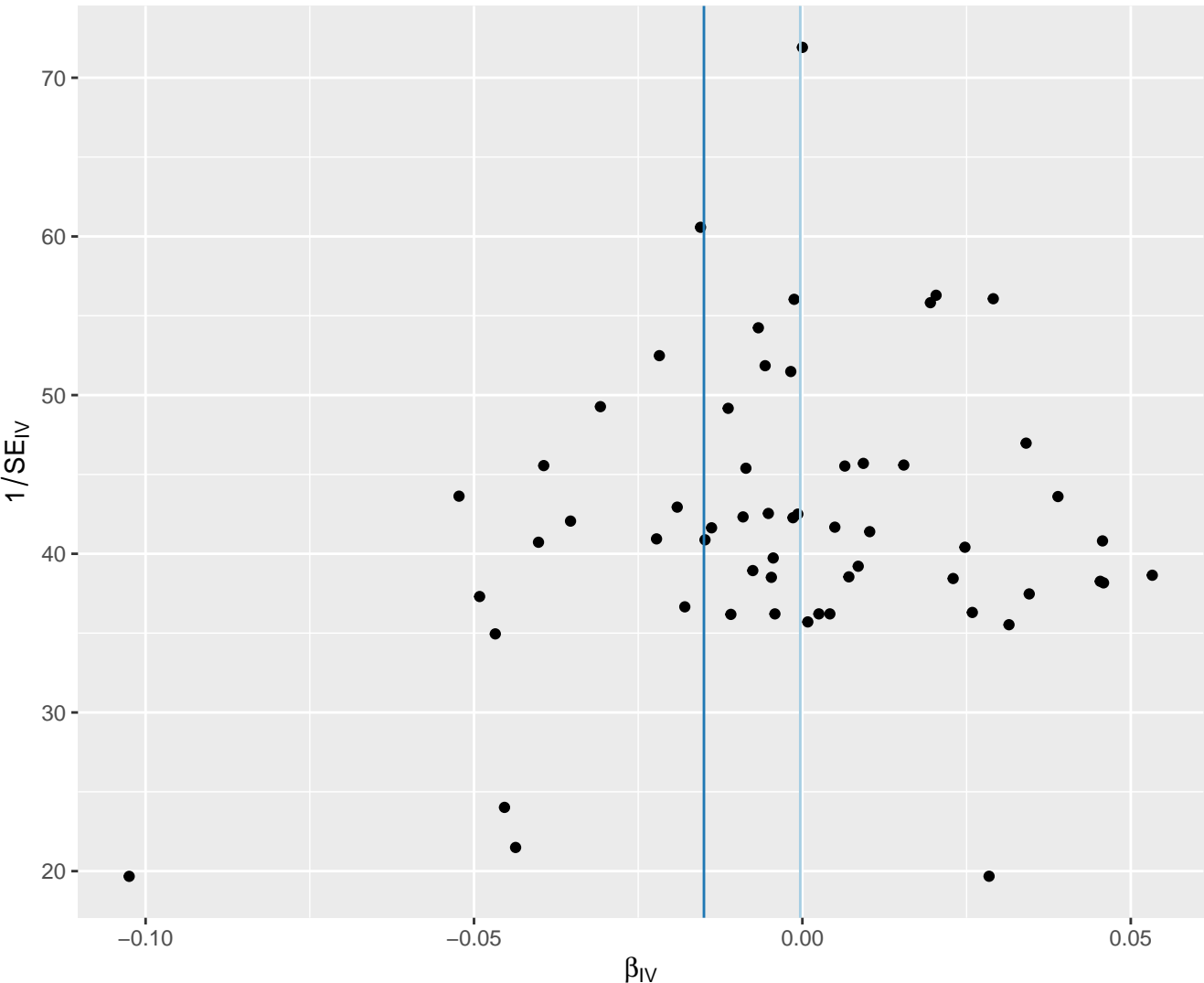
Glycerol 3-phosphate (G3P)

MR Method



# Glycerophosphorylcholine (GPC)

MR Method



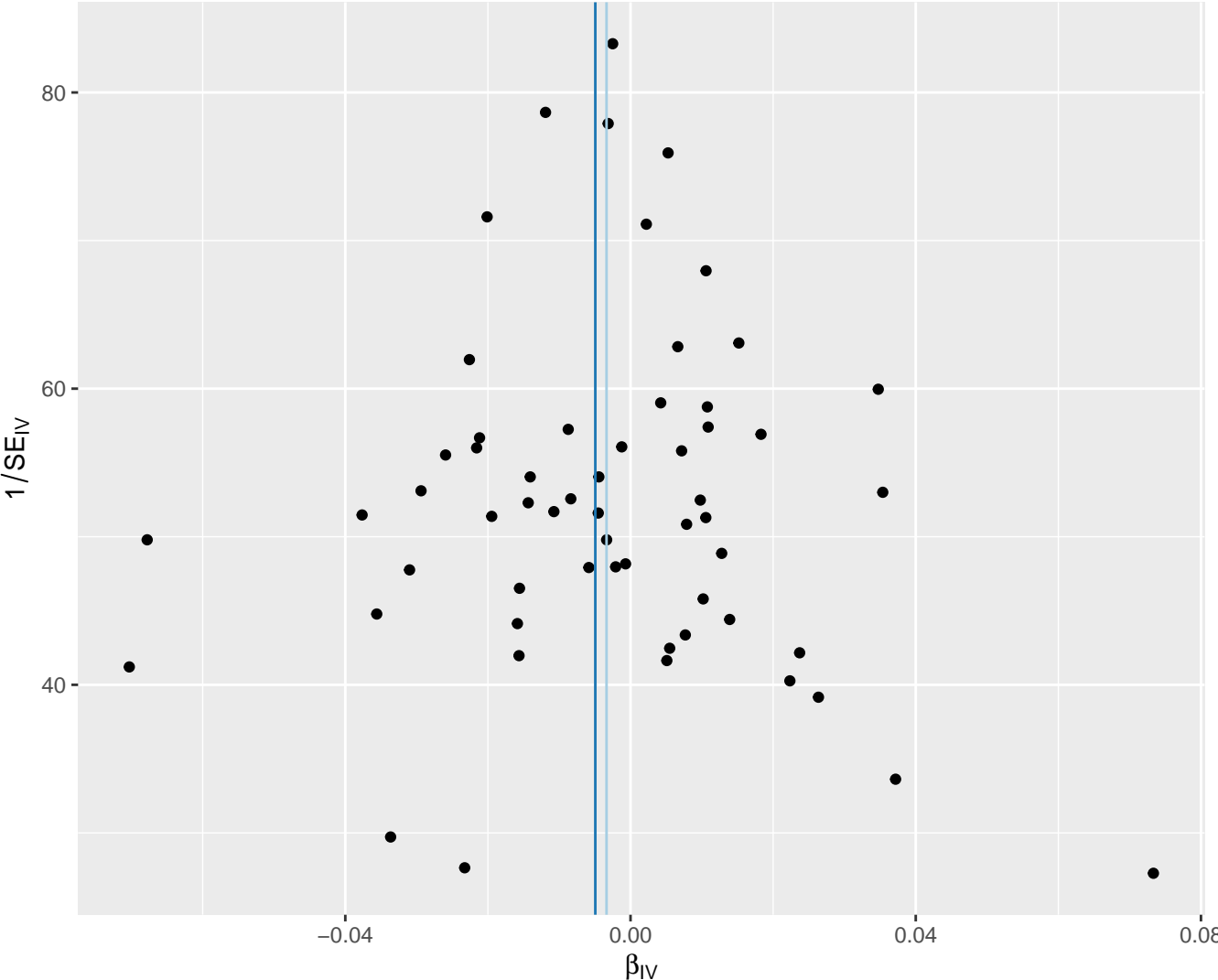
# Glycine

MR Method



Inverse variance weighted

MR Egger



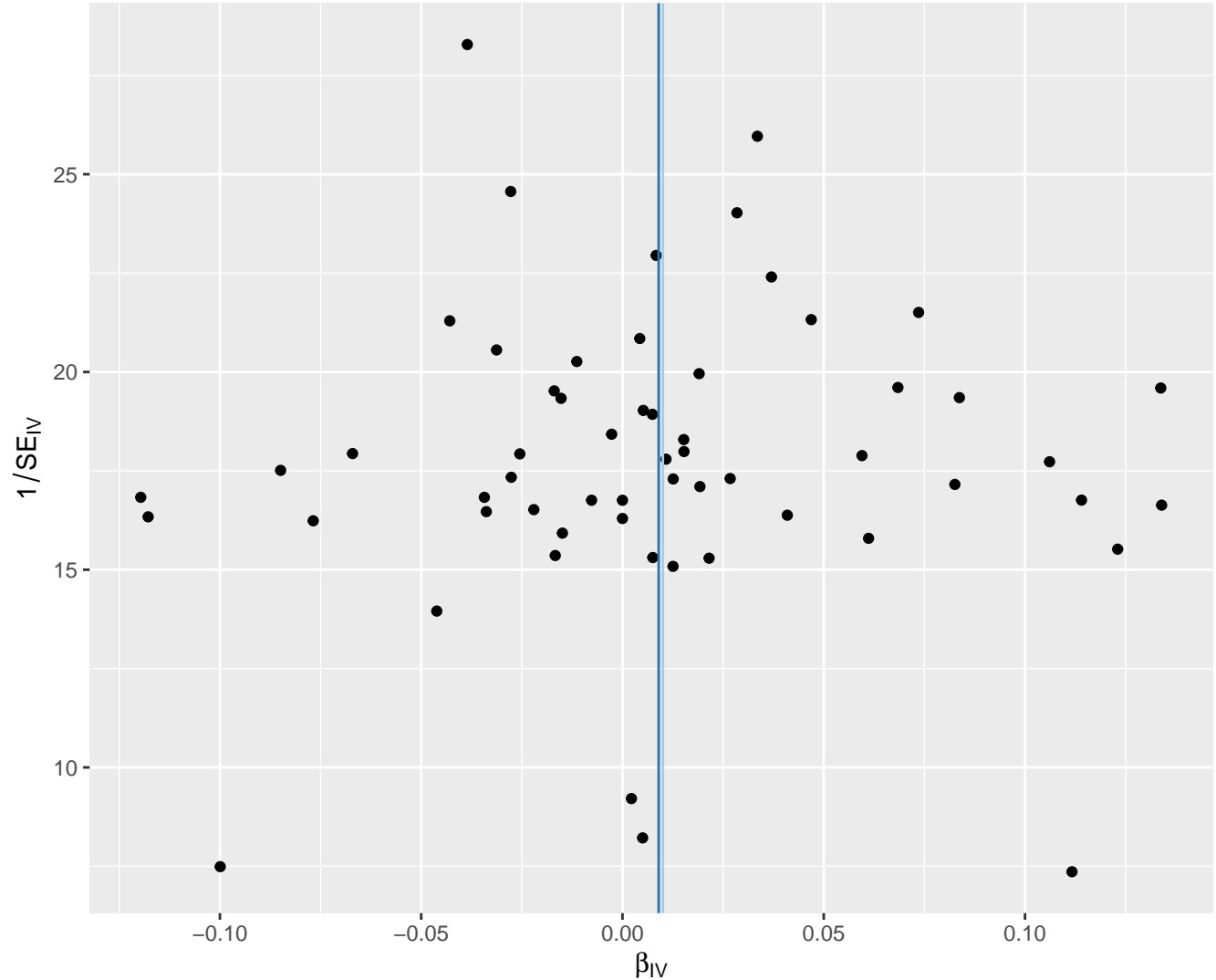
# Glycochenodeoxycholate

MR Method



Inverse variance weighted

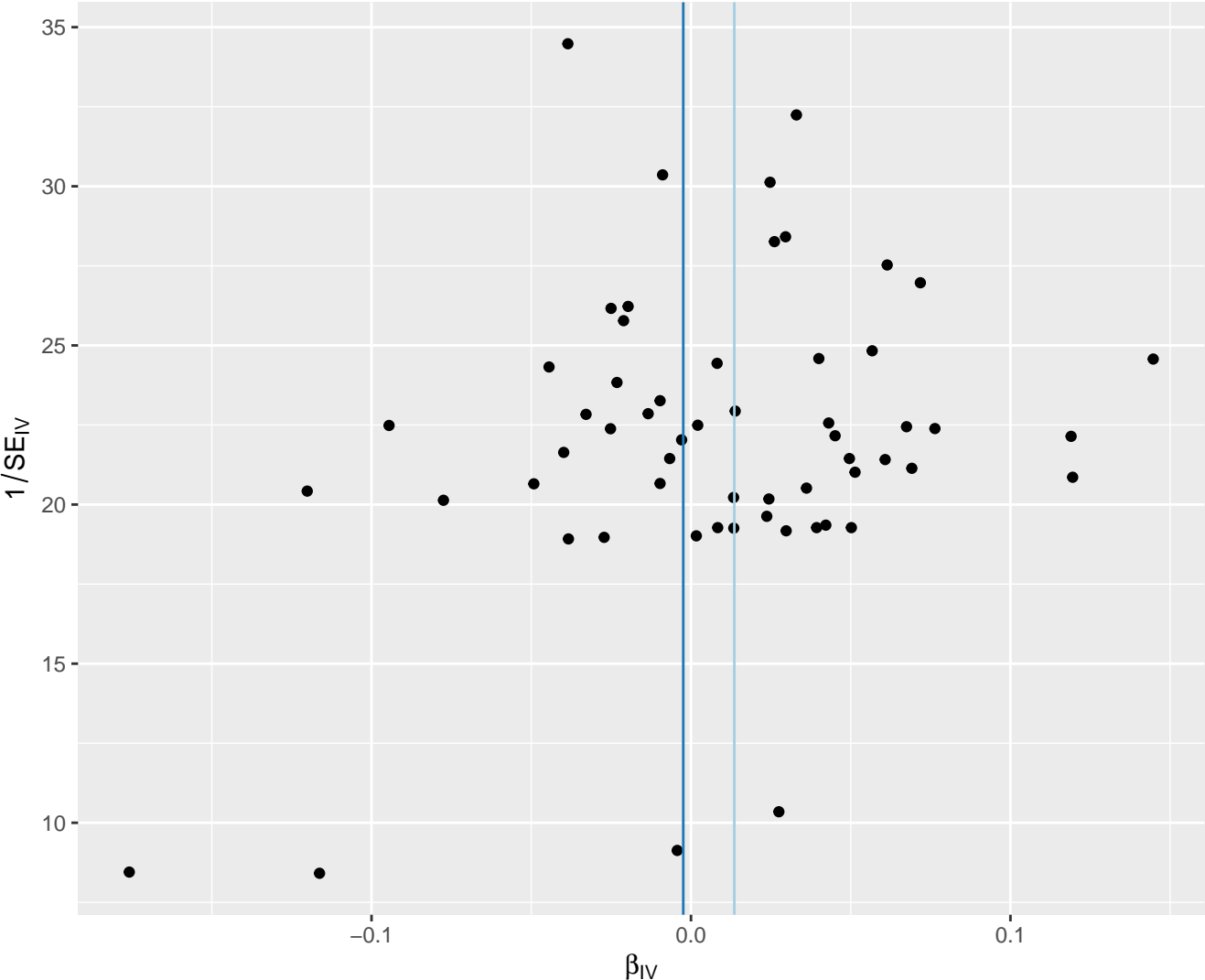
MR Egger





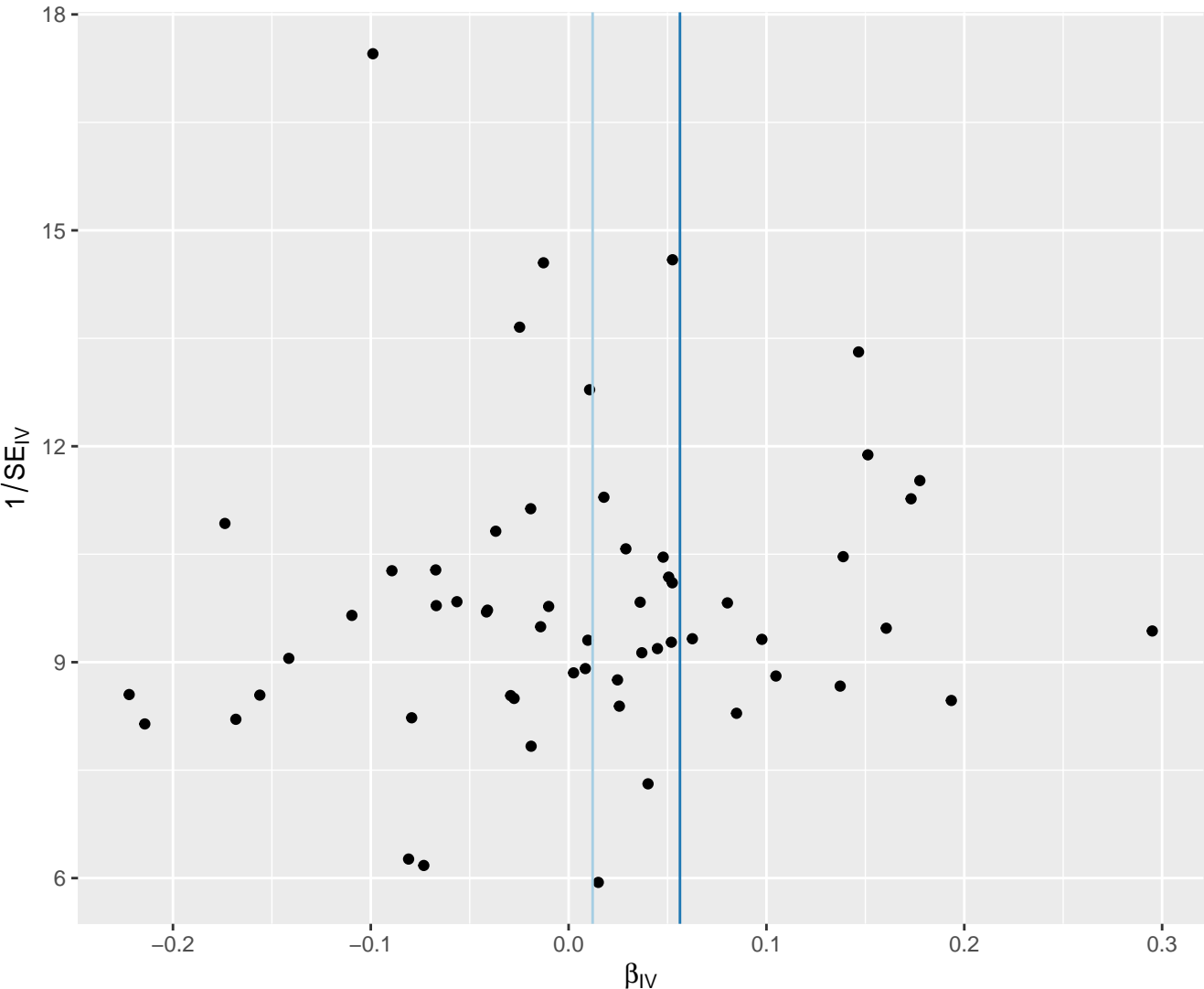
# Glycocholate

MR Method



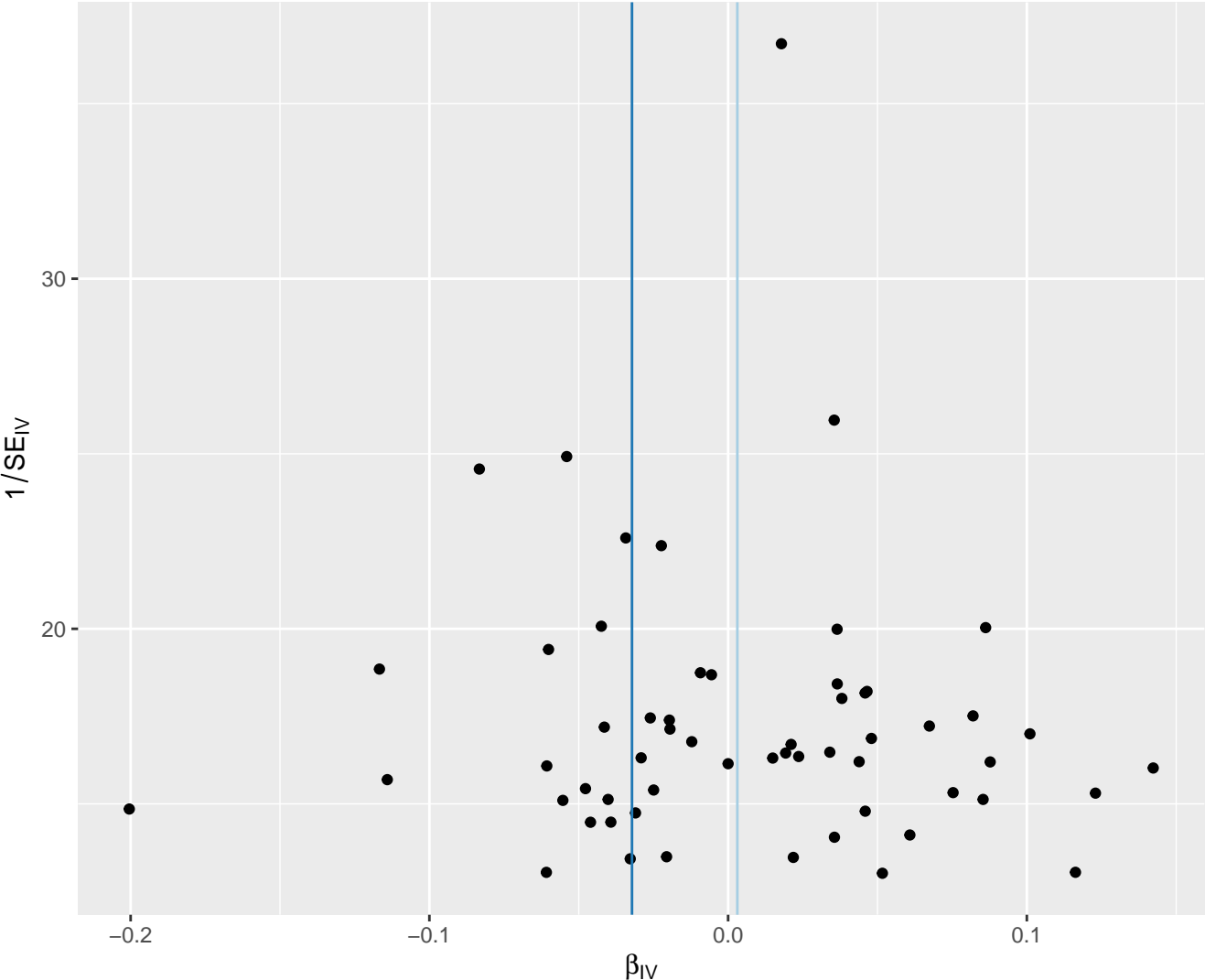
# Glycodeoxycholate

MR Method

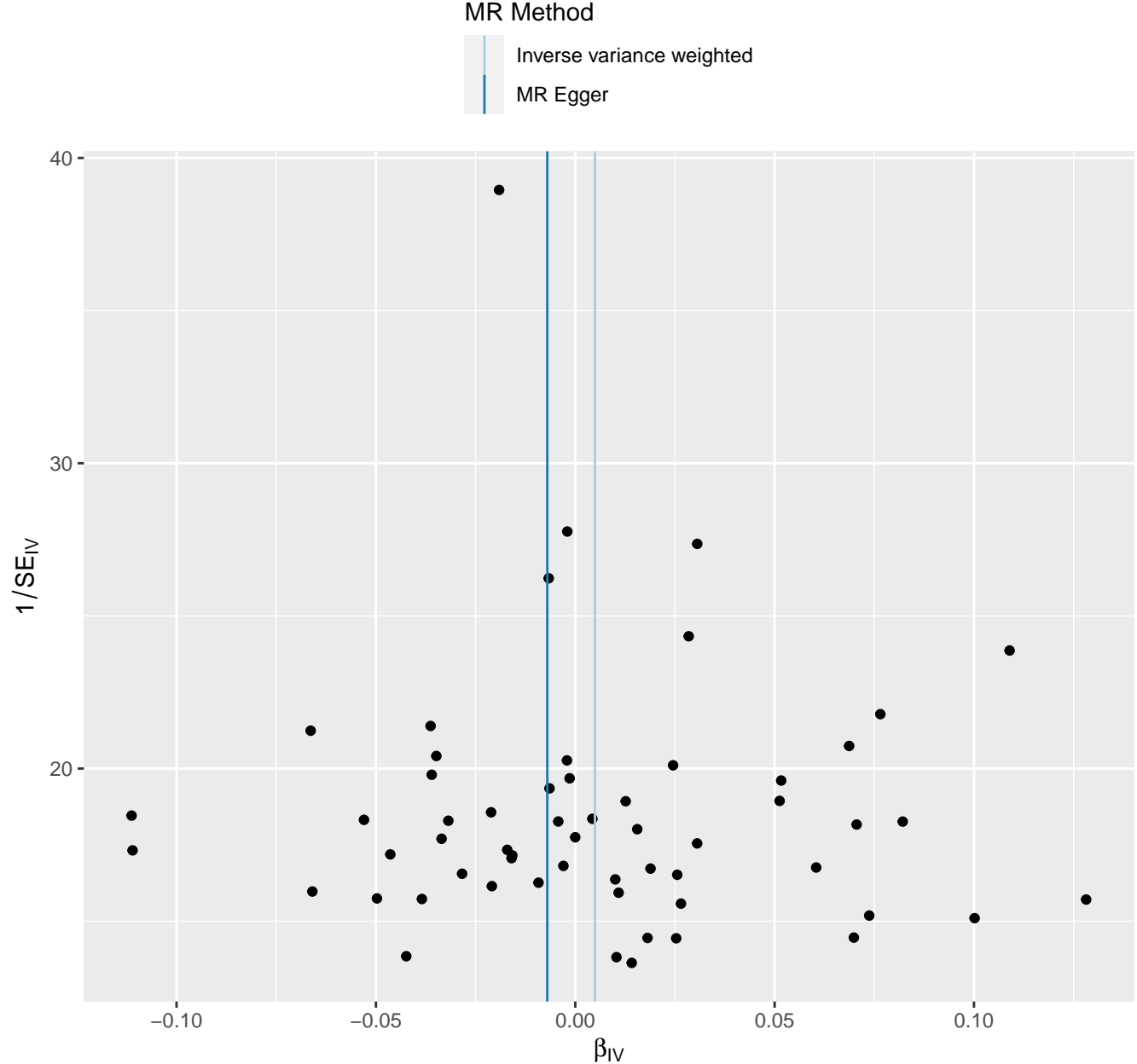


# Glycylvaline

MR Method



# Guanosine

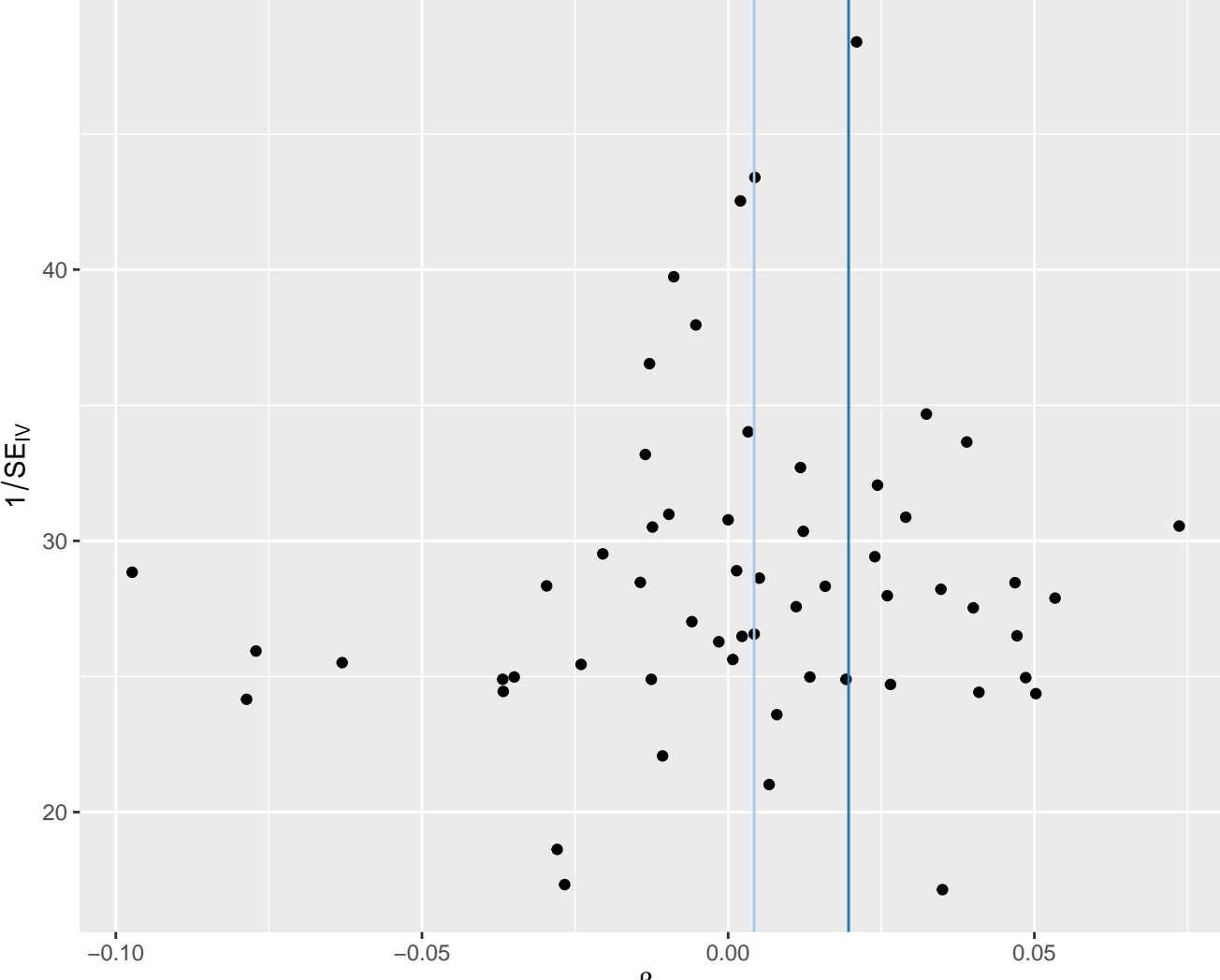


Heme\*

## MR Method

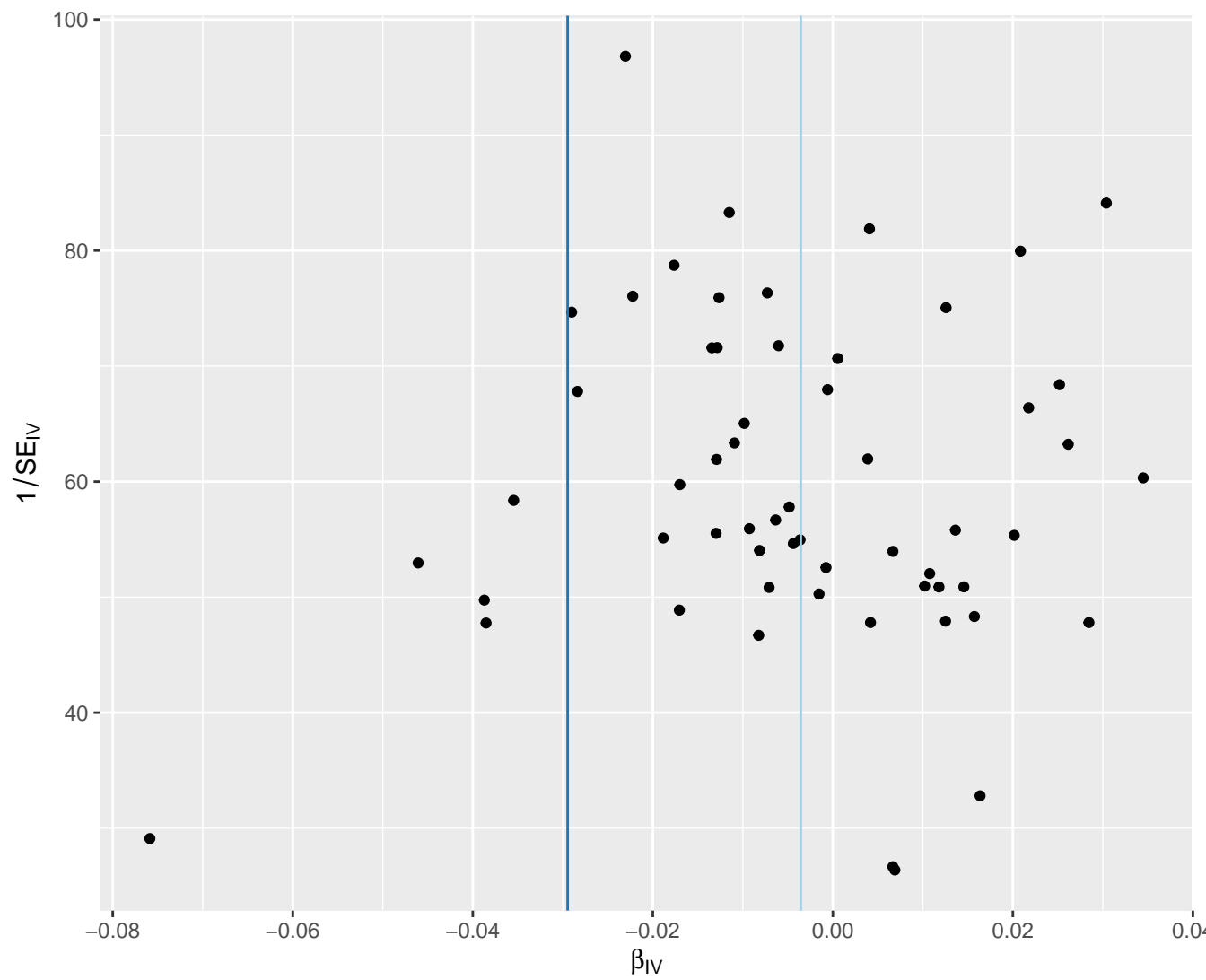
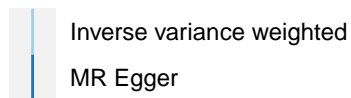
## Inverse variance weighted

MR Egger



# Heptanoate (7:0)

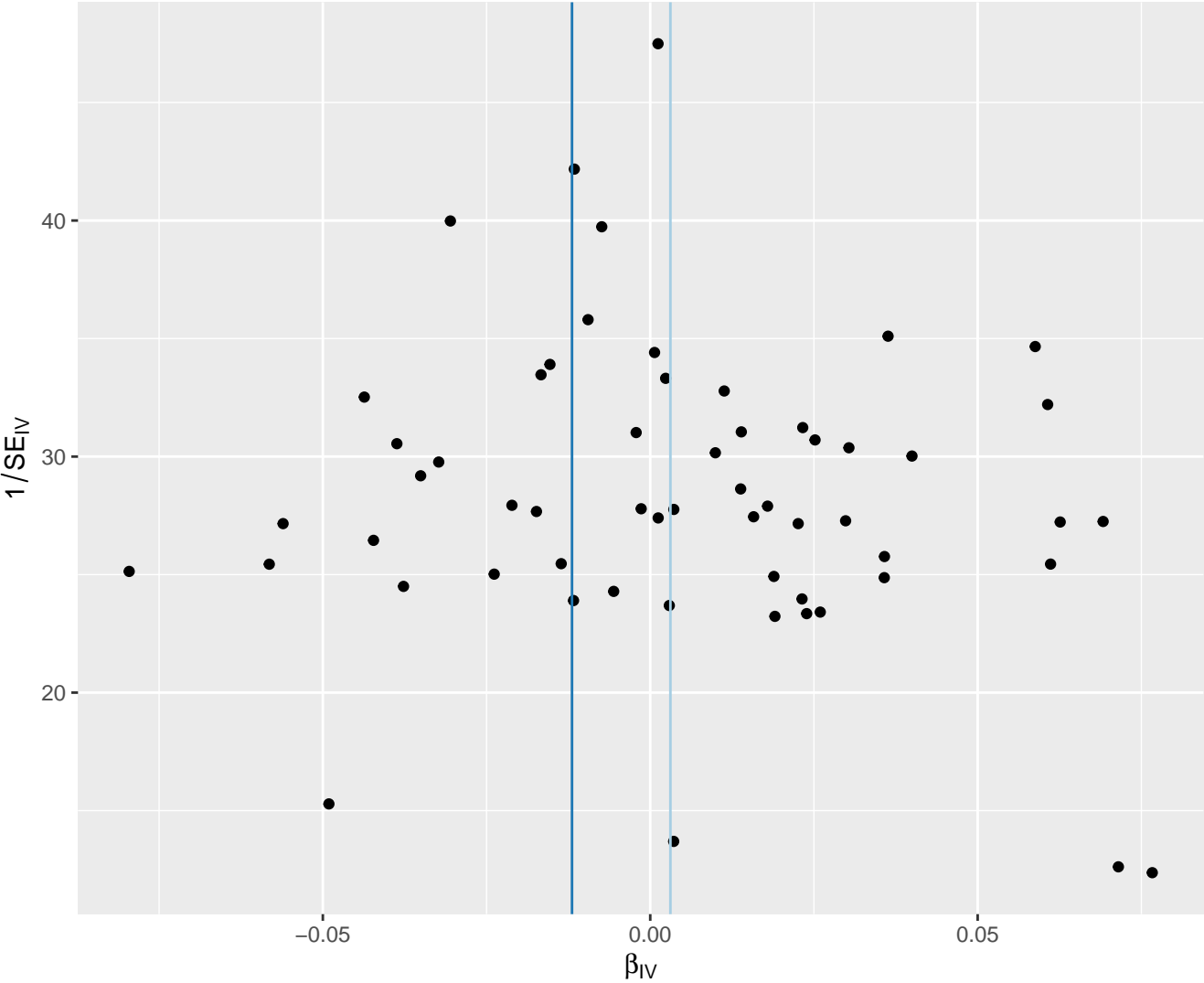
MR Method



# Hexadecanedioate

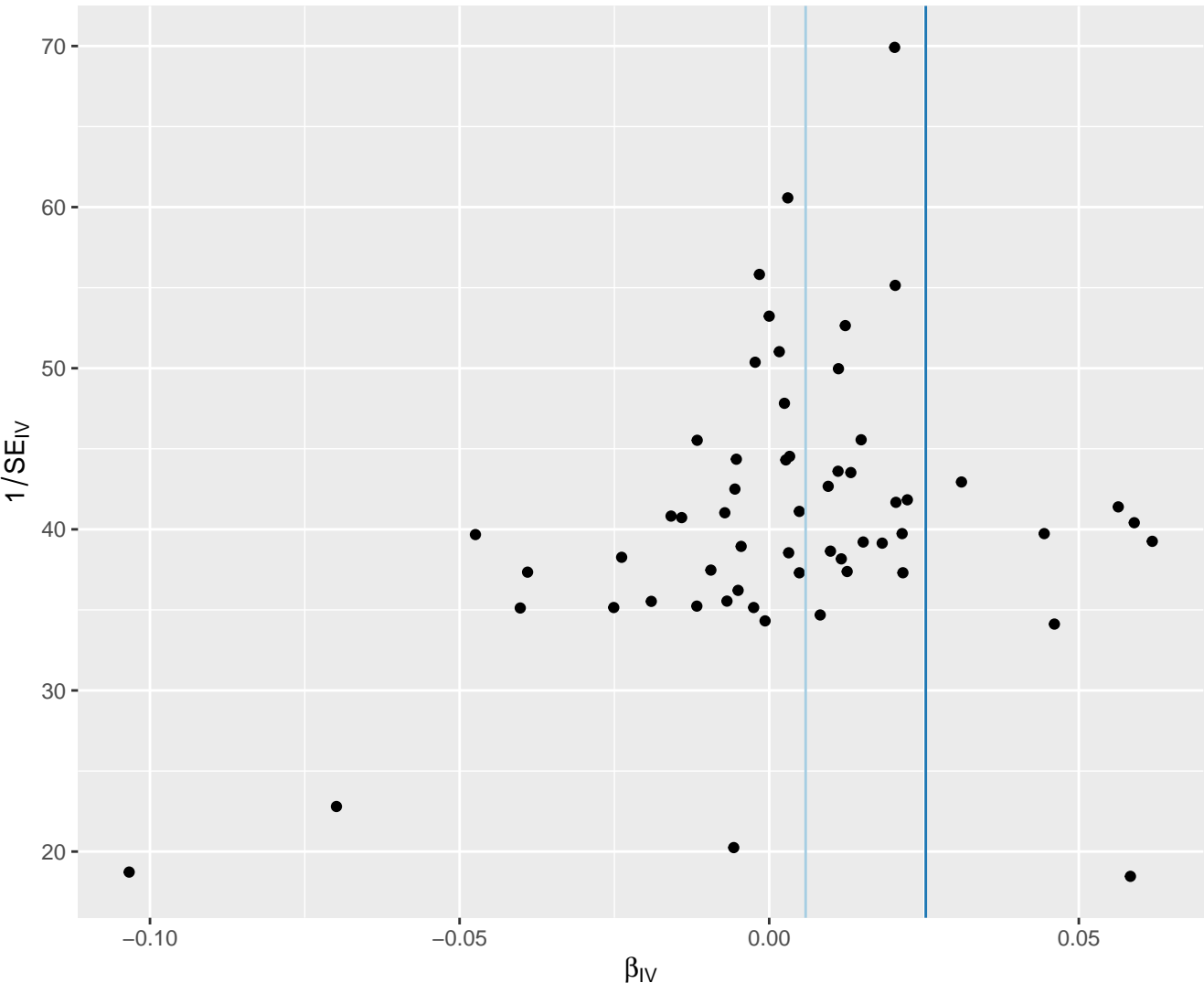
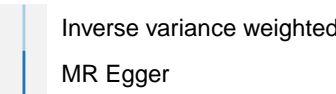
MR Method

- Inverse variance weighted
- MR Egger



# Hexanoylcarnitine

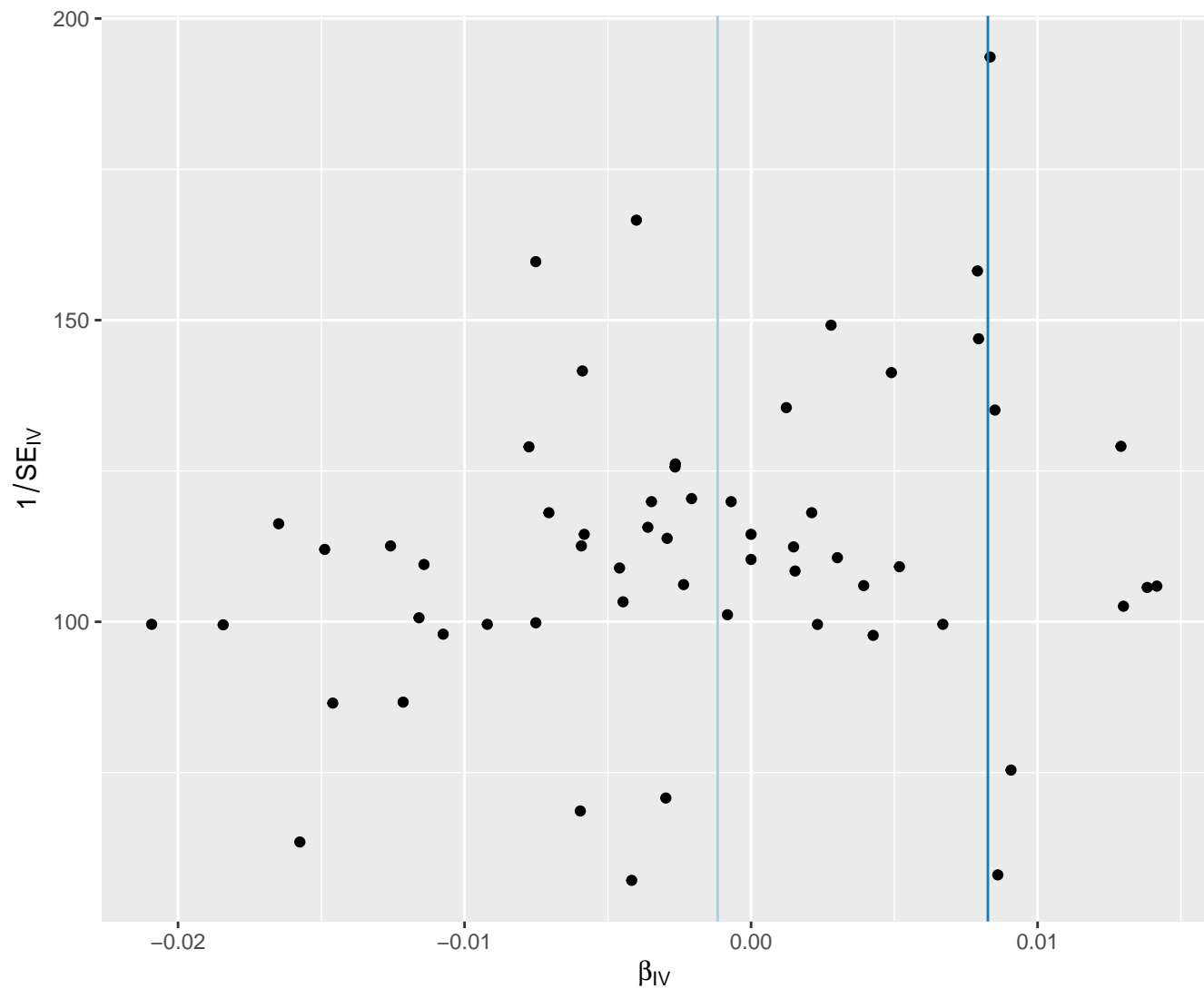
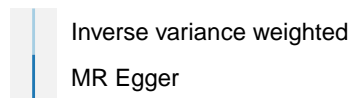
MR Method





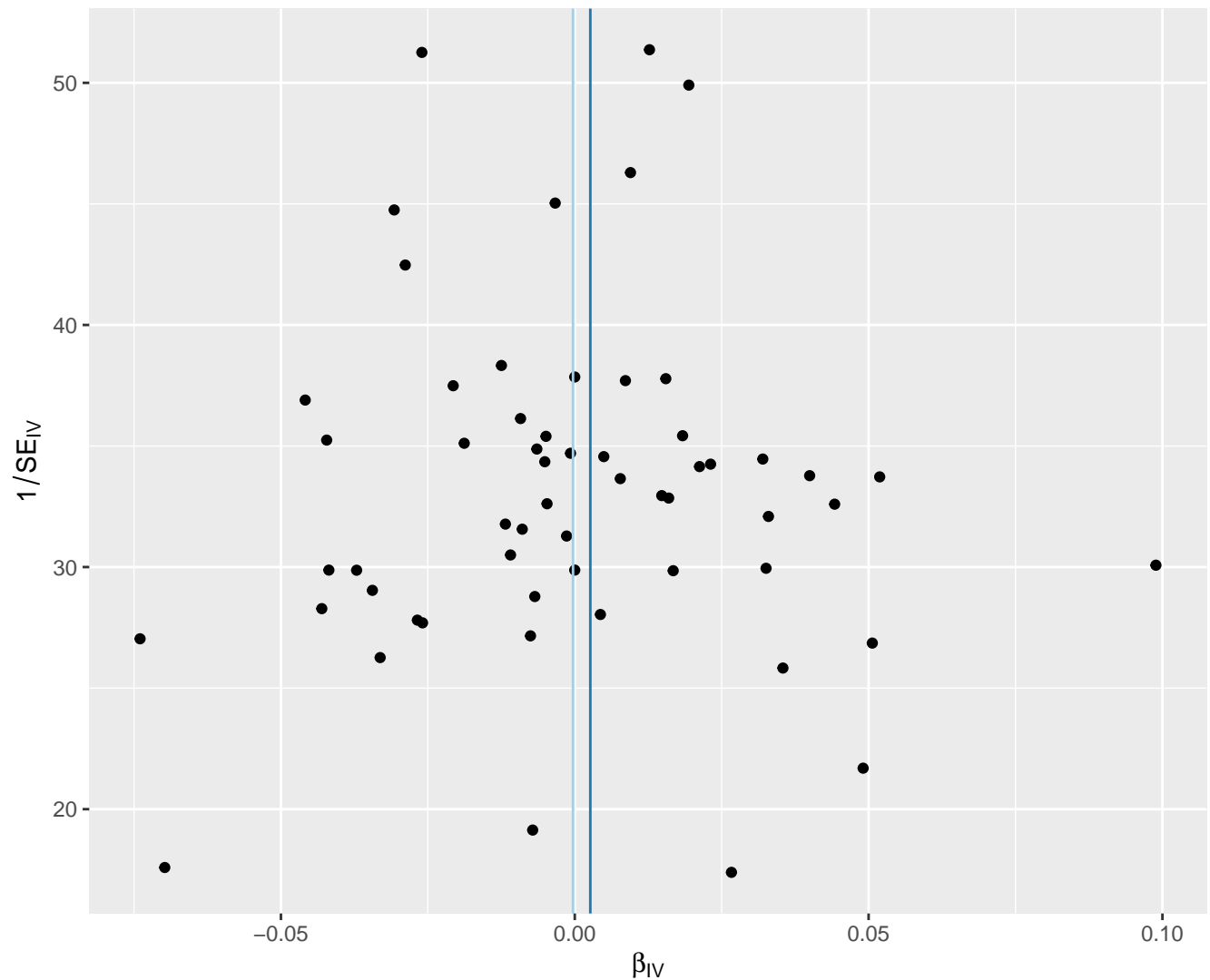
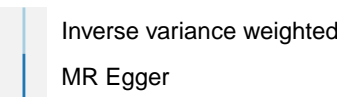
# Histidine

## MR Method



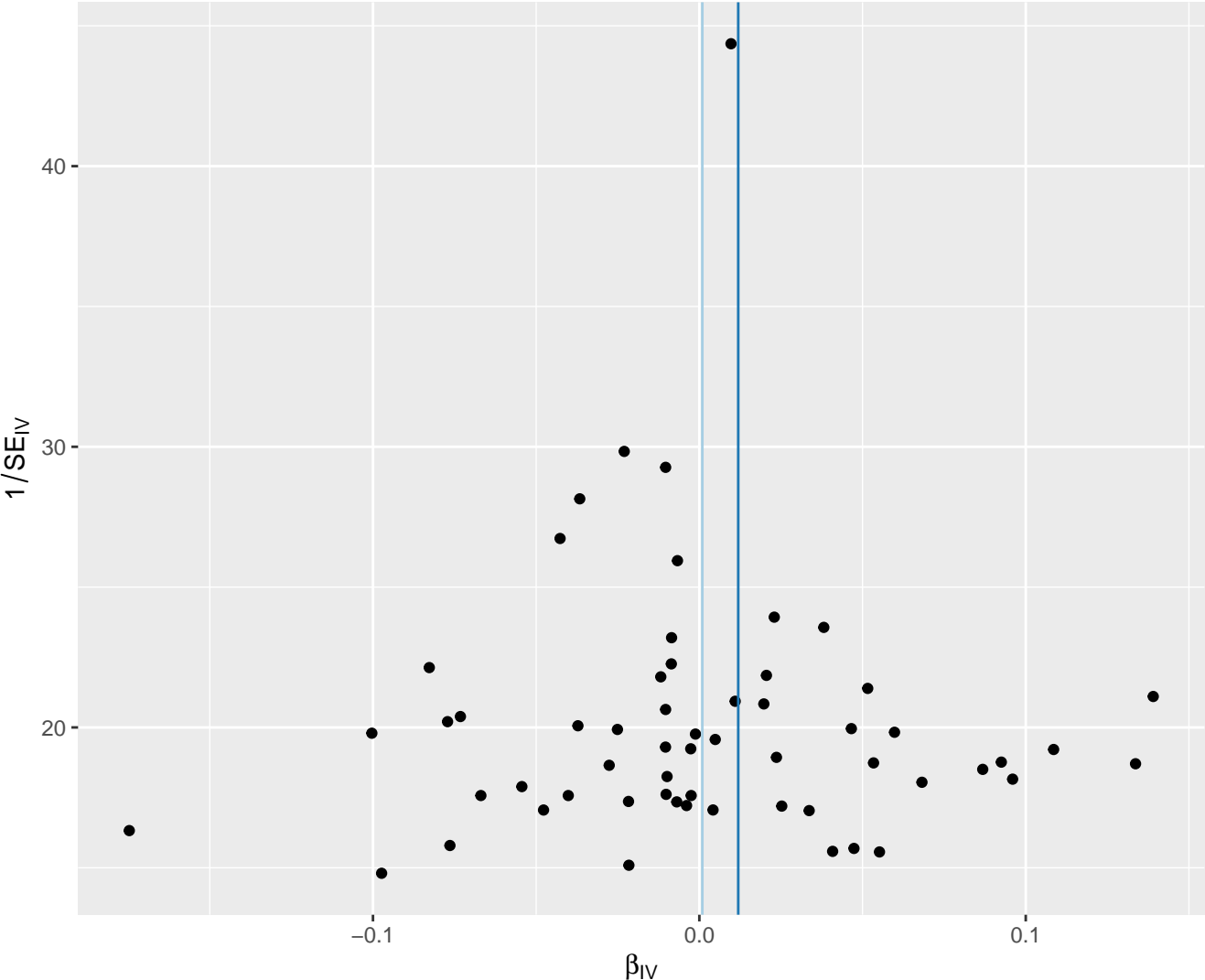
# Homocitrulline

MR Method



Homostachydrine\*

MR Method



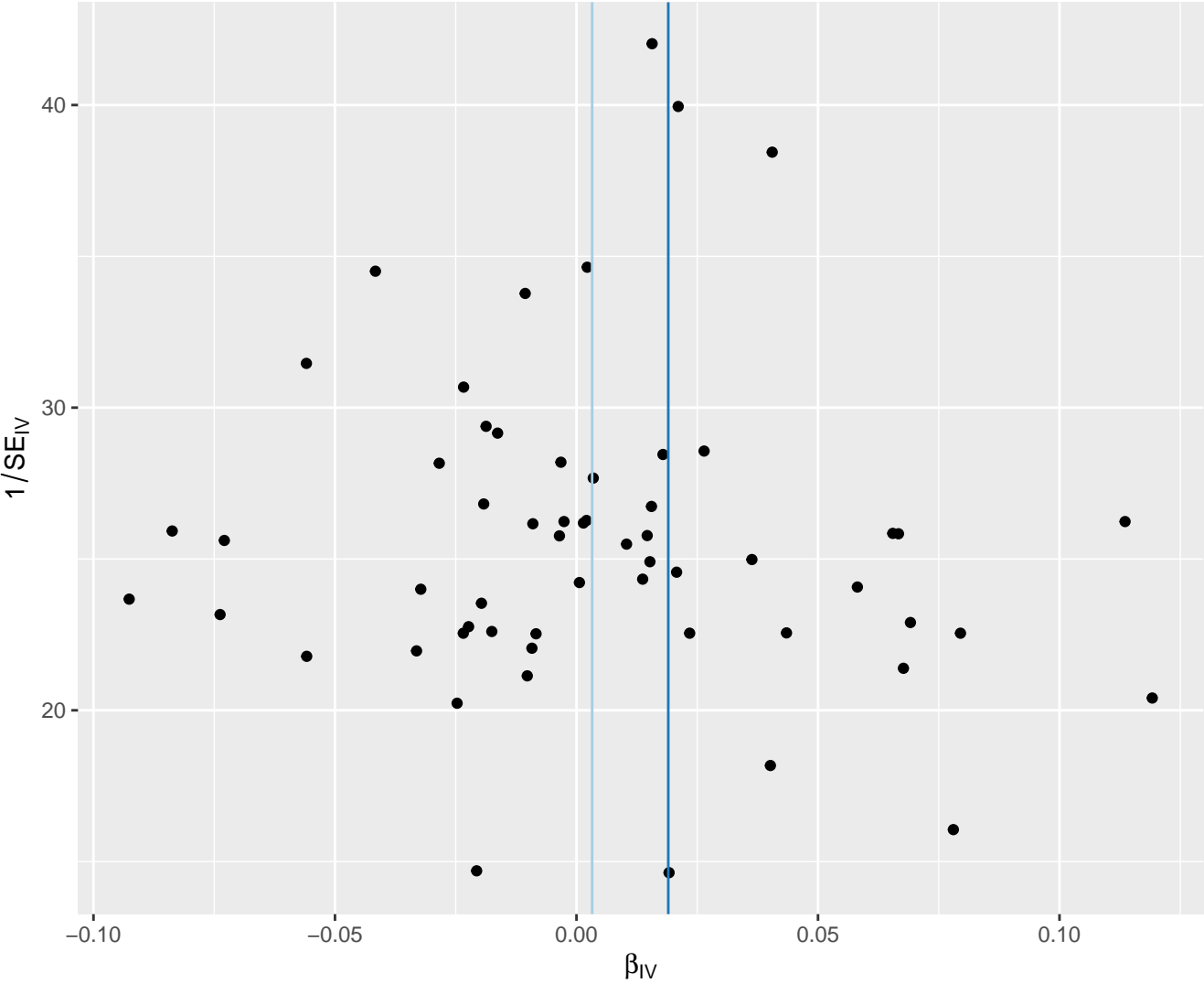
HWESASXX\*

MR Method



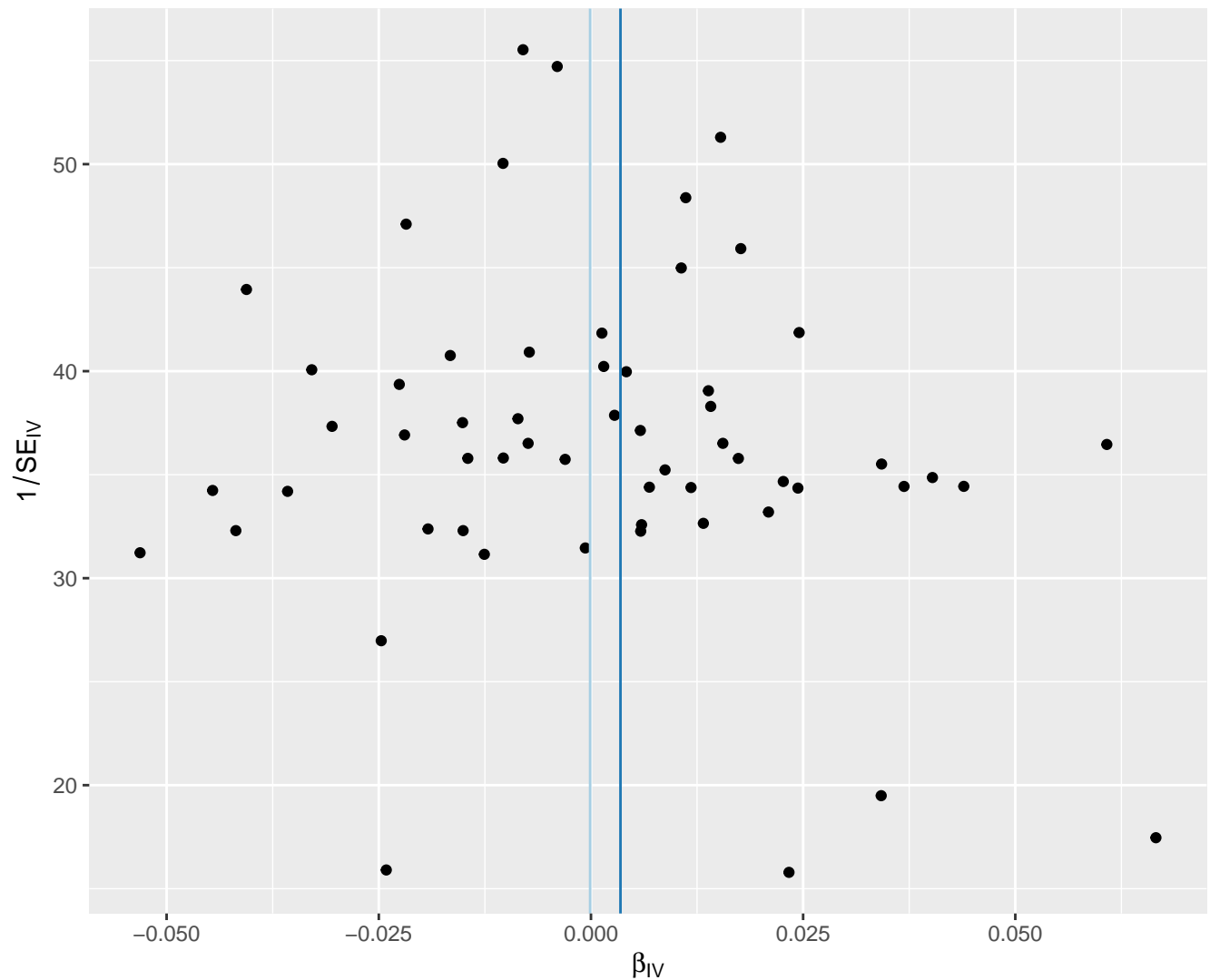
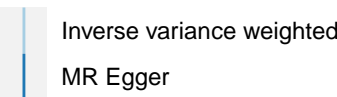
Inverse variance weighted

MR Egger

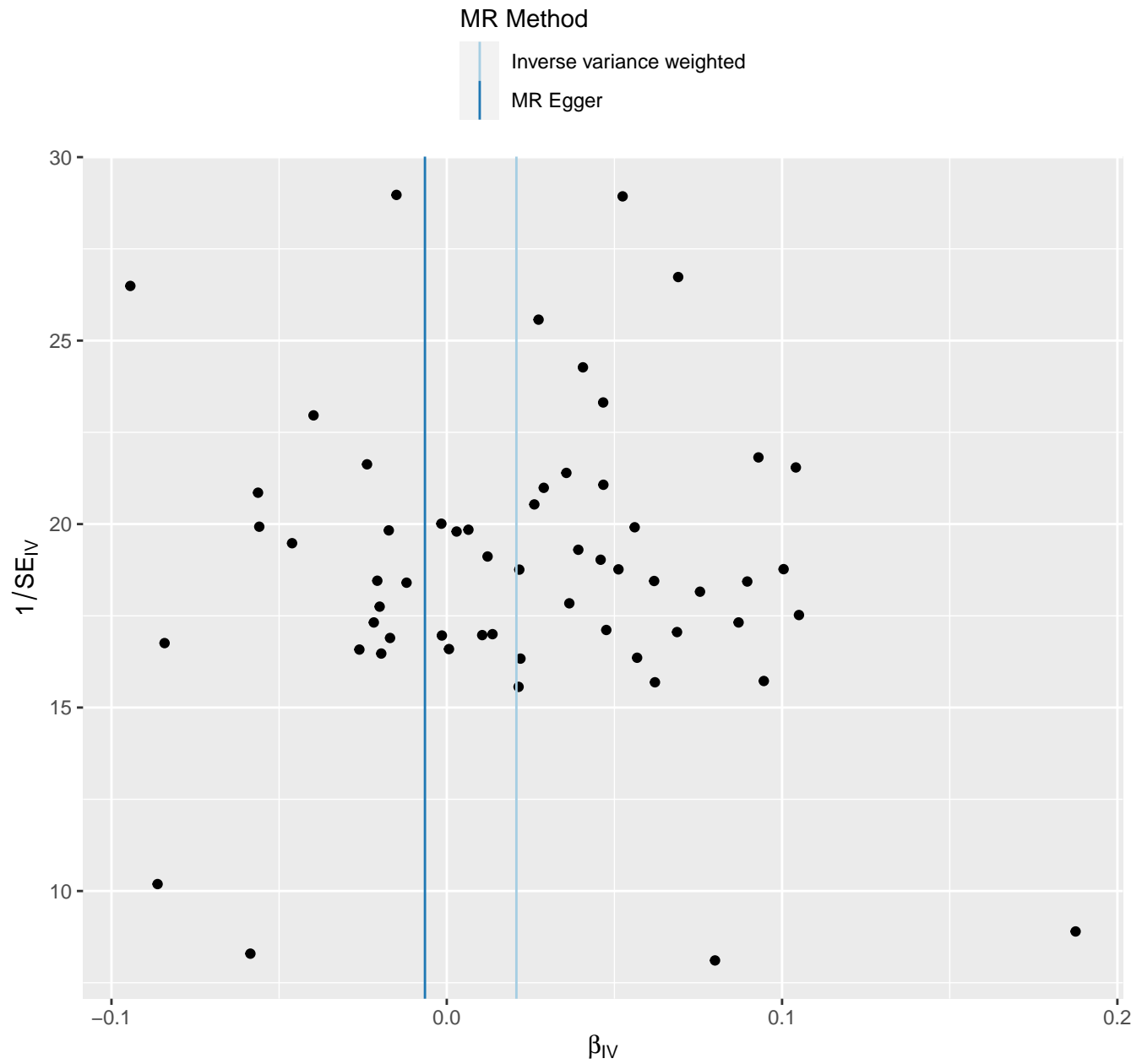


Hydroxyisovaleroyl carnitine

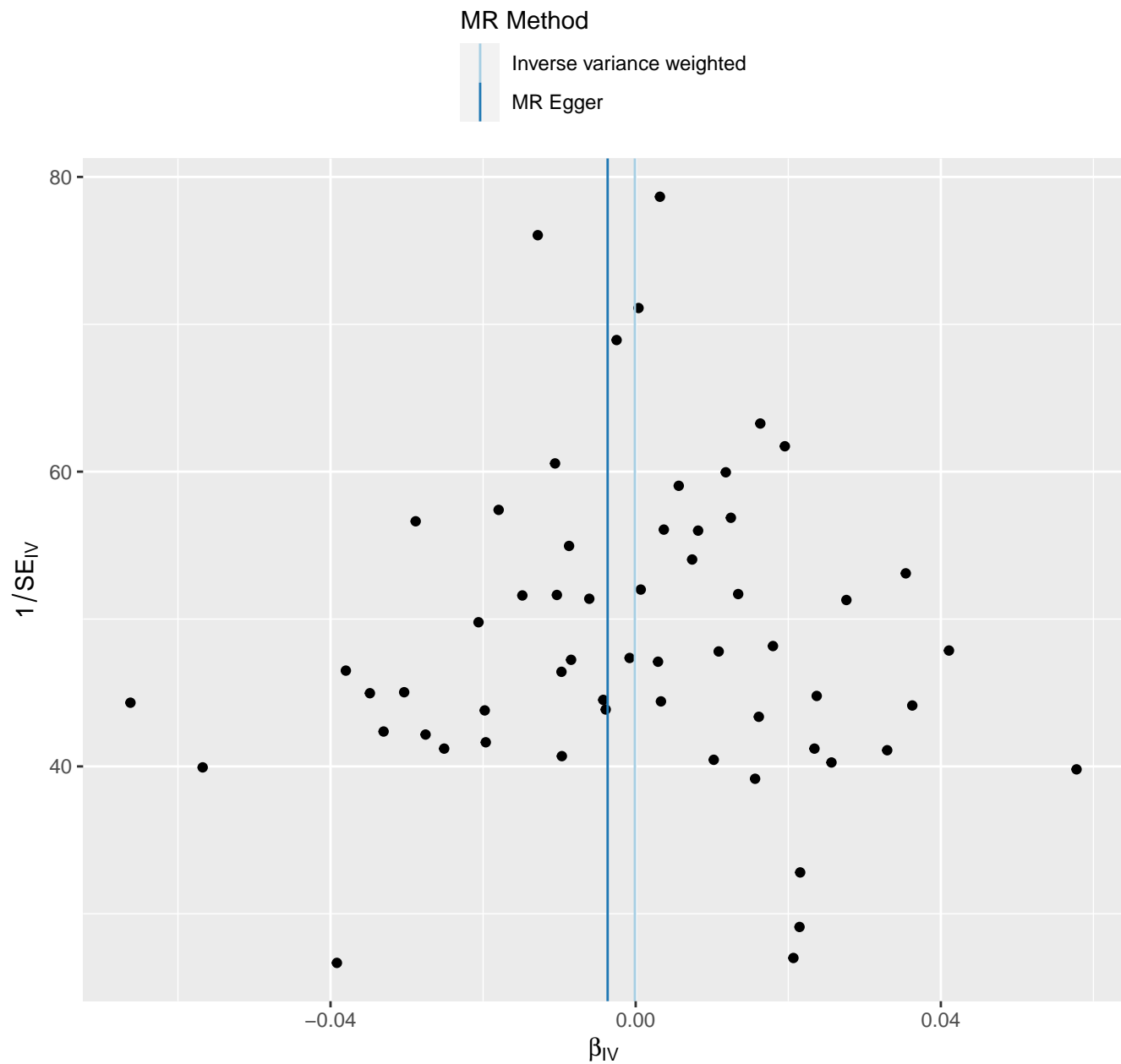
MR Method



# Hyodeoxycholate



# Hypoxanthine



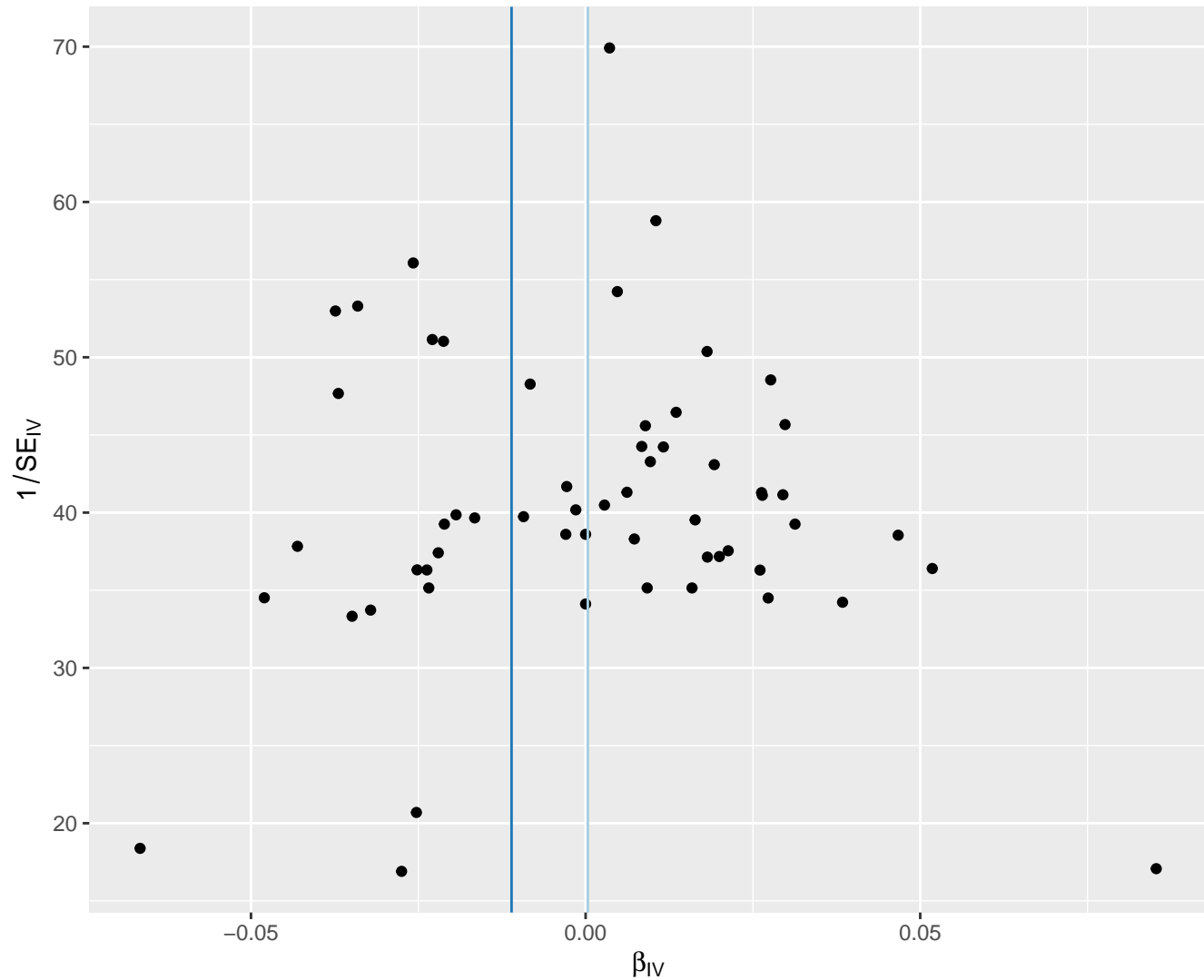
# Indoleacetate

MR Method



Inverse variance weighted

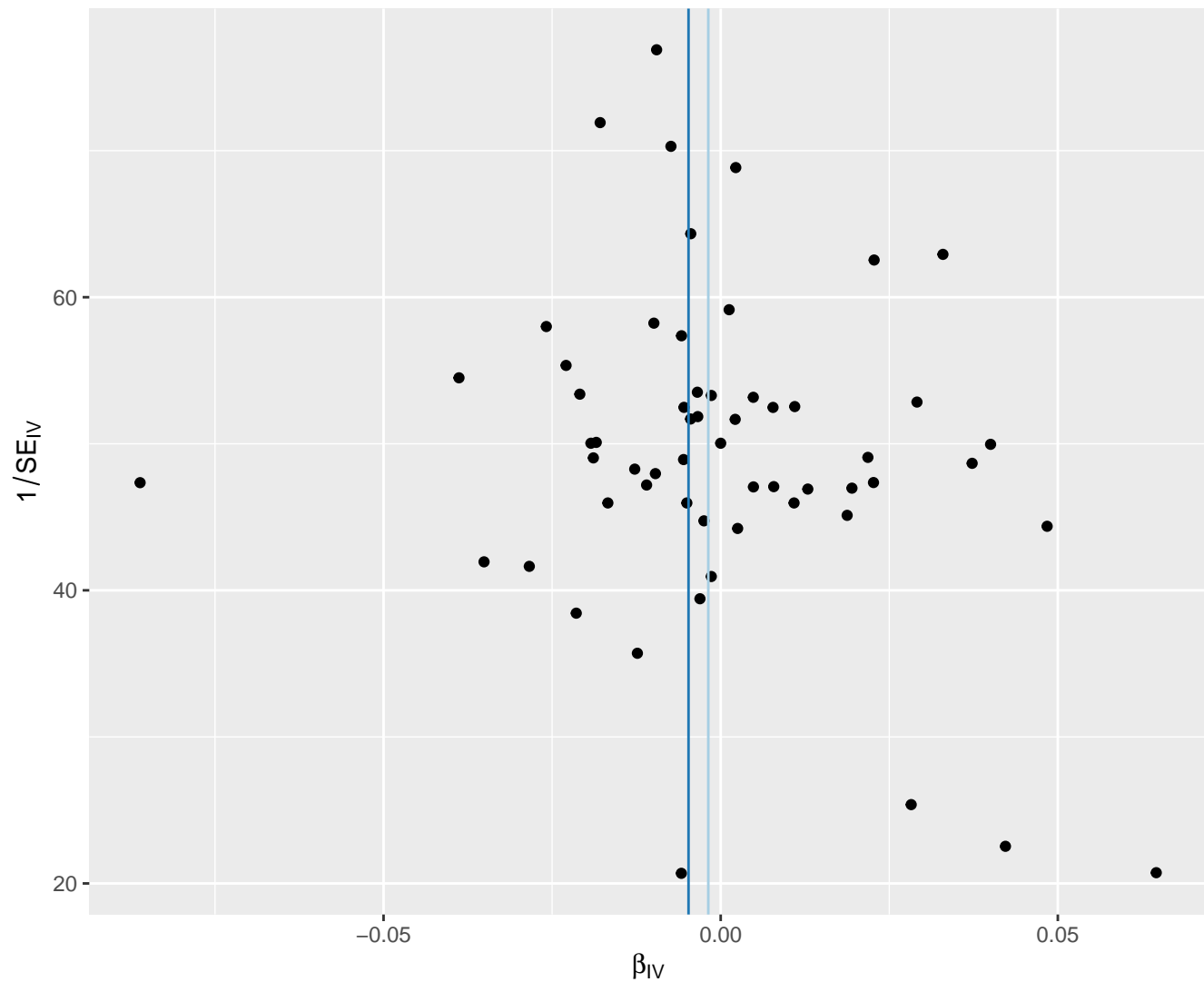
MR Egger





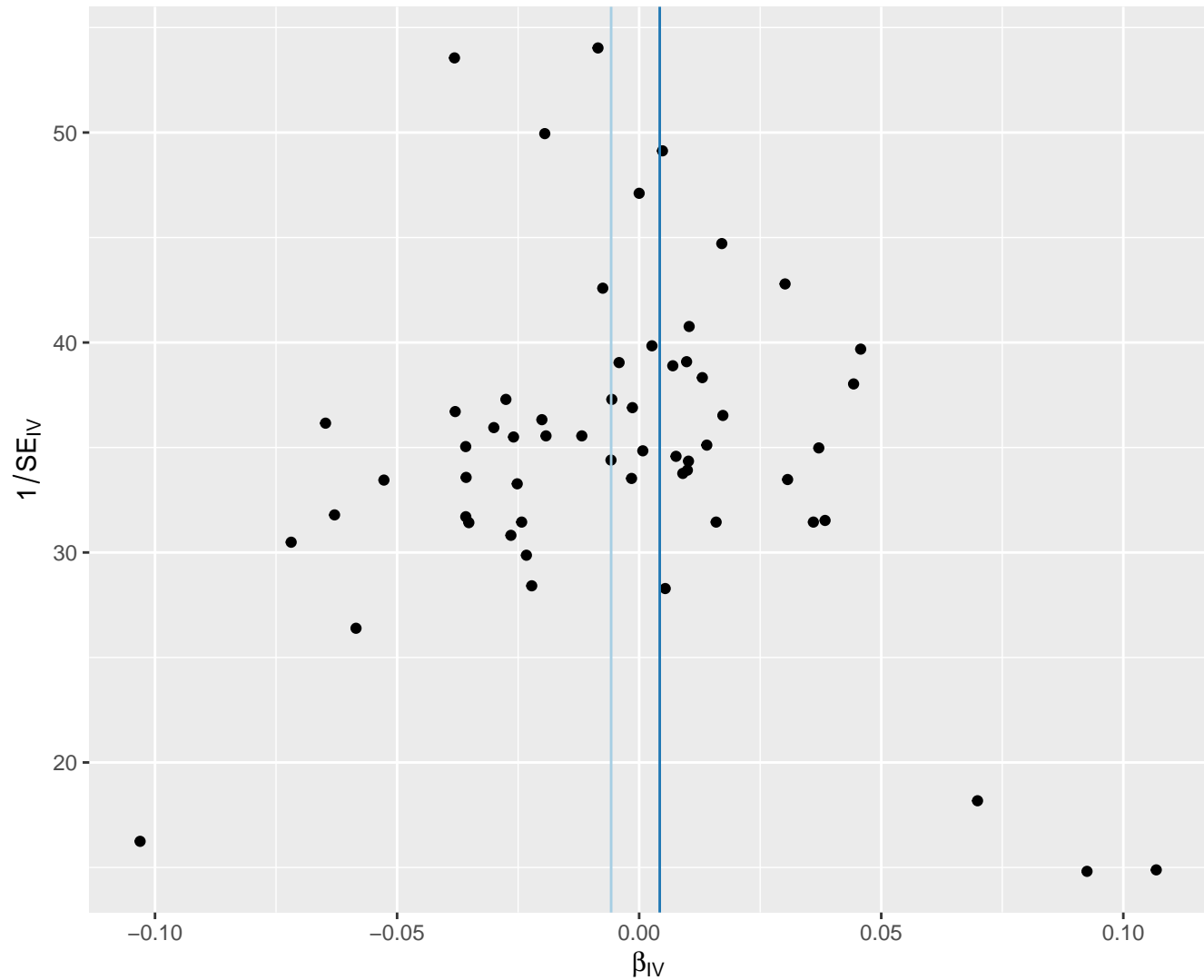
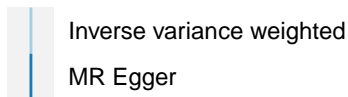
# Indolelactate

## MR Method



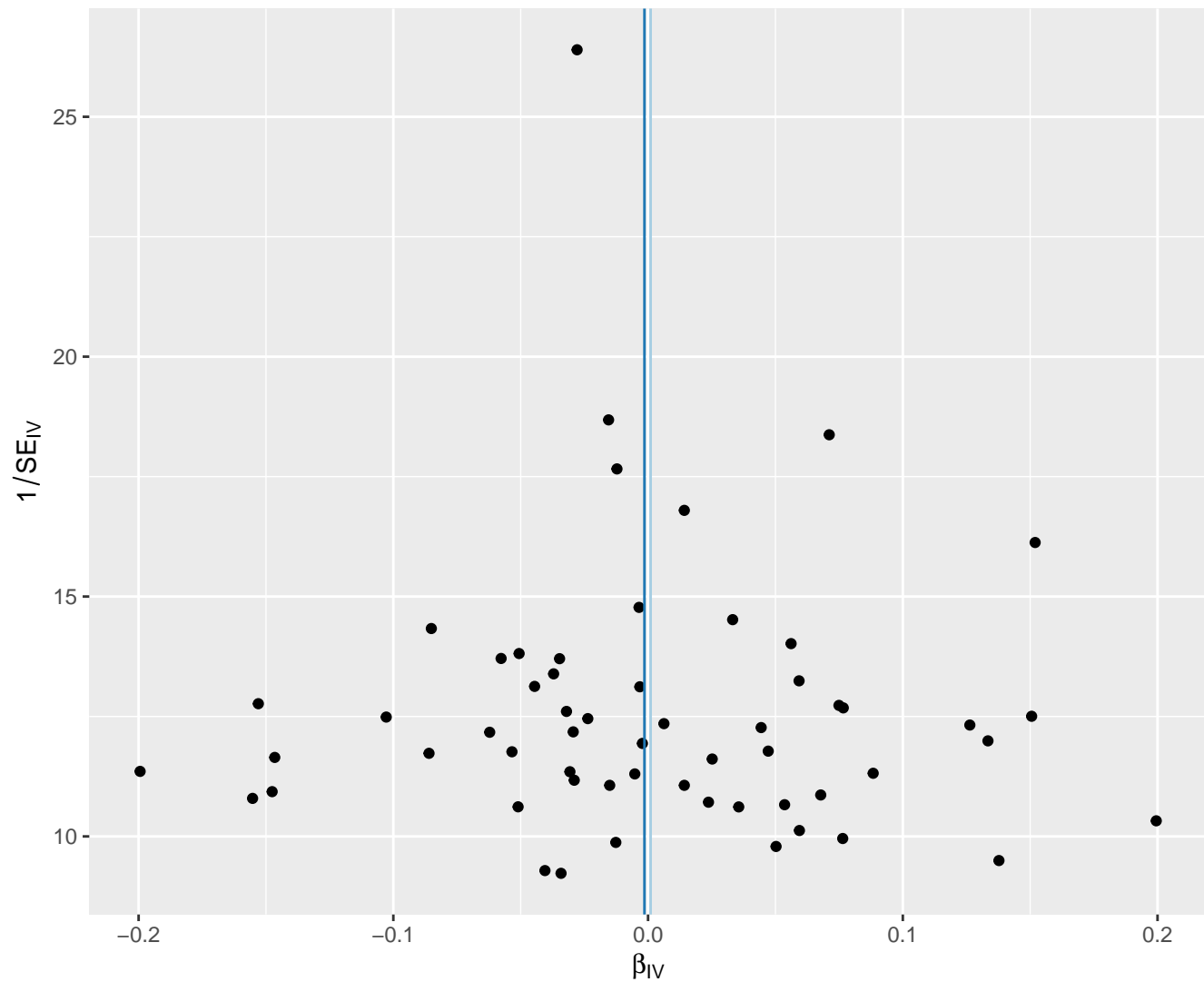
# Indolepropionate

MR Method



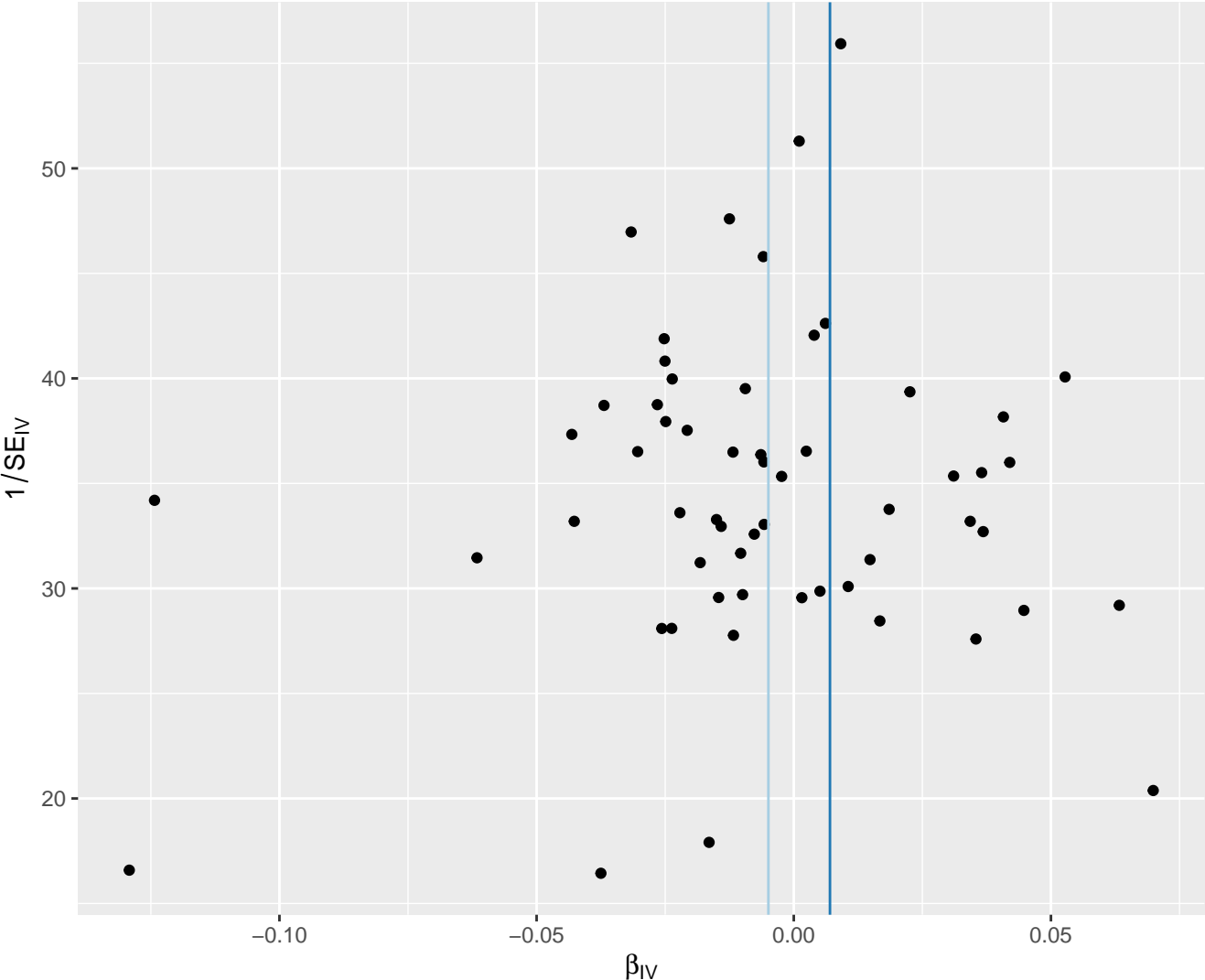
# Inosine

## MR Method



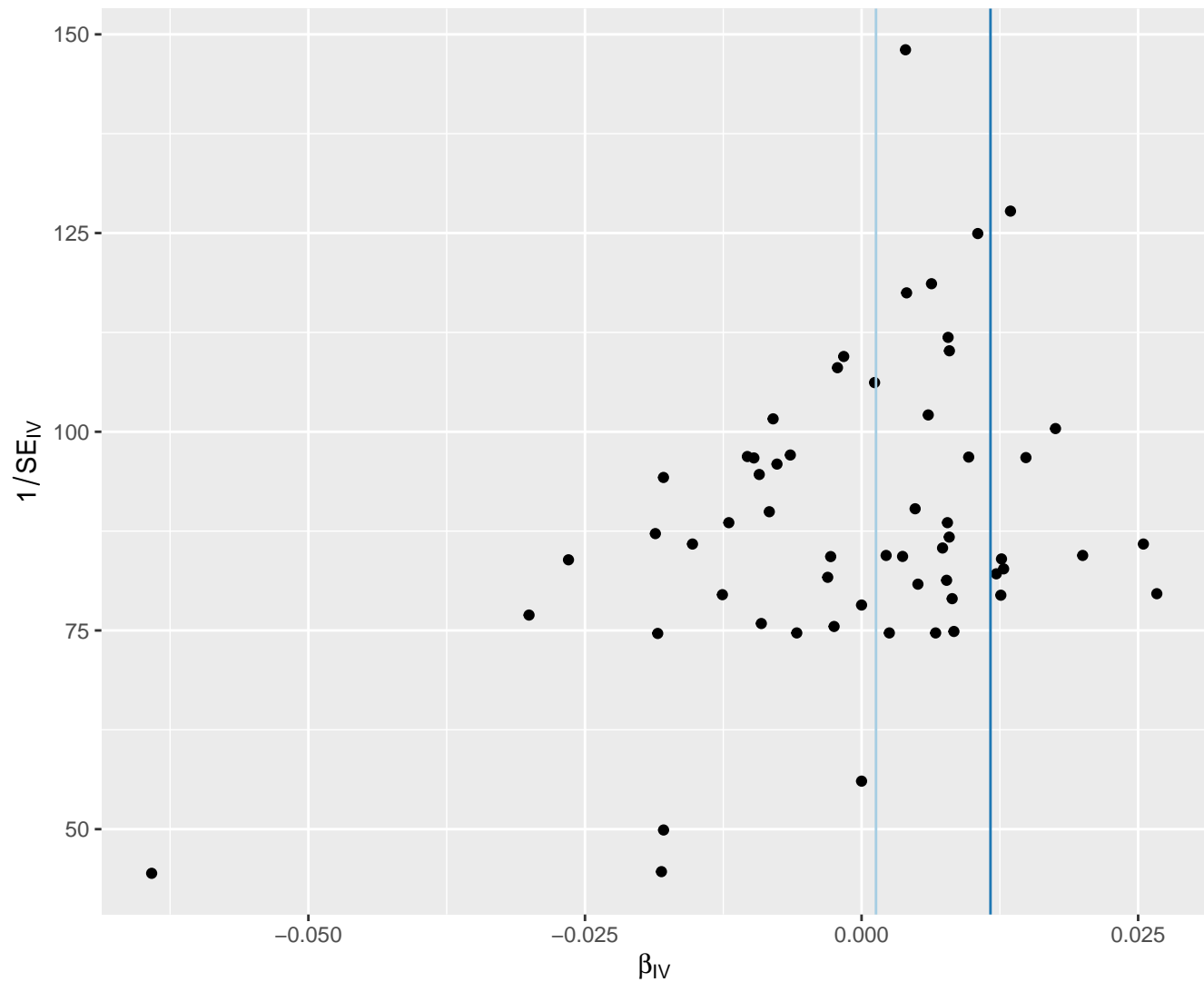
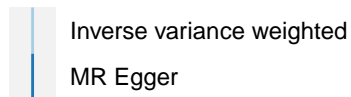
# Isobutyrylcarnitine

MR Method



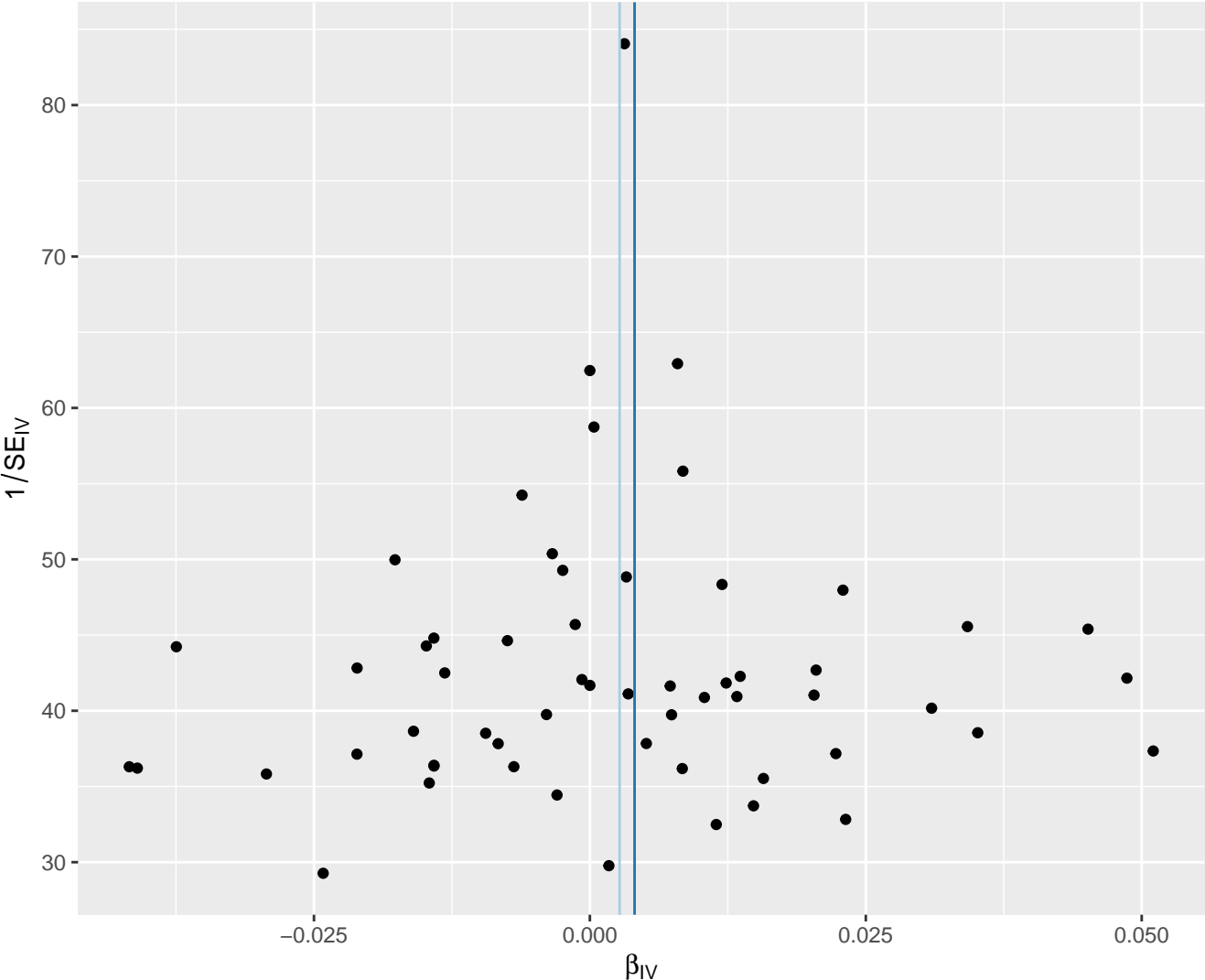
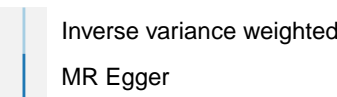
# Isoleucine

## MR Method



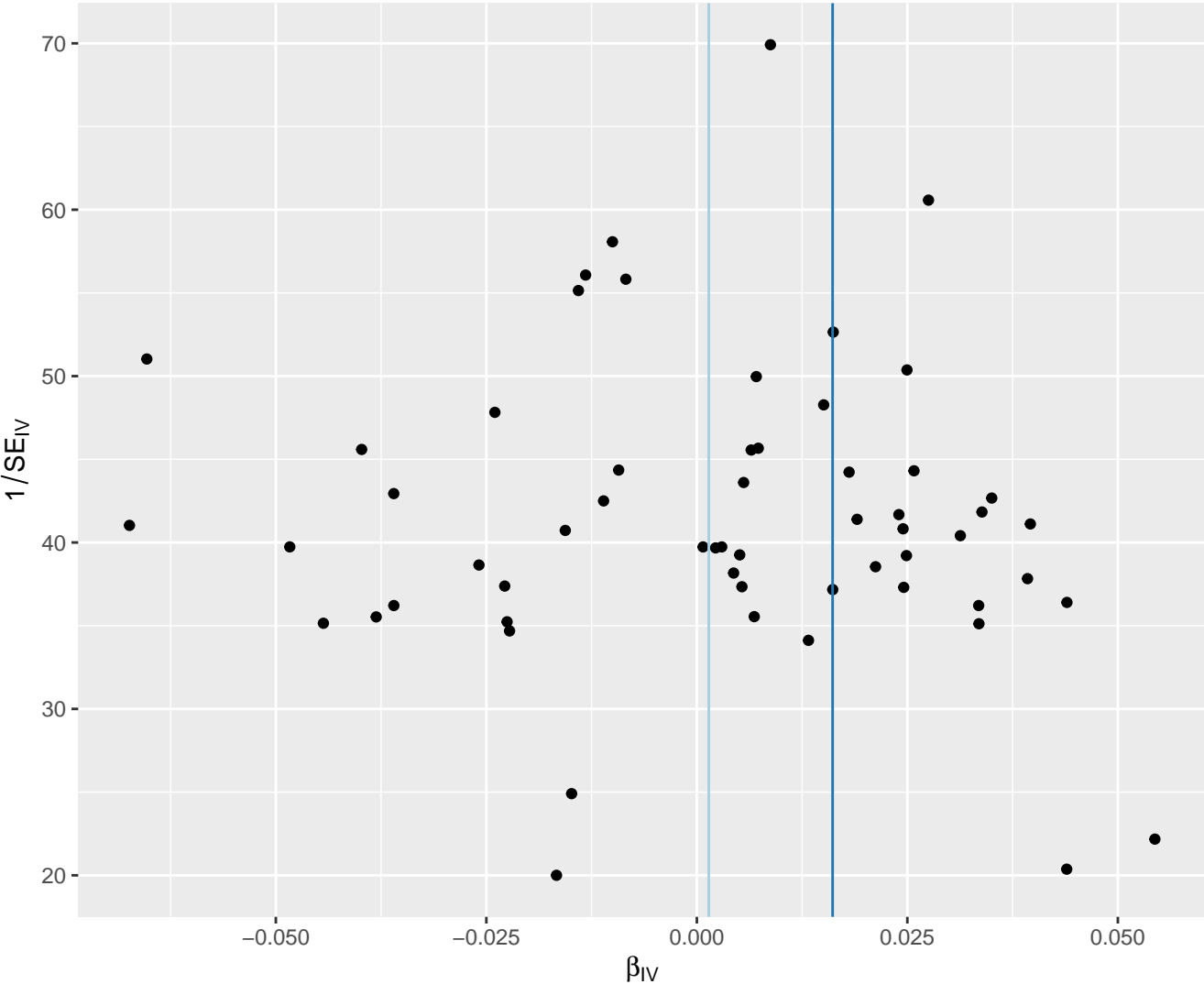
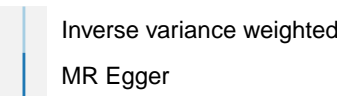
# Isovalerate

## MR Method



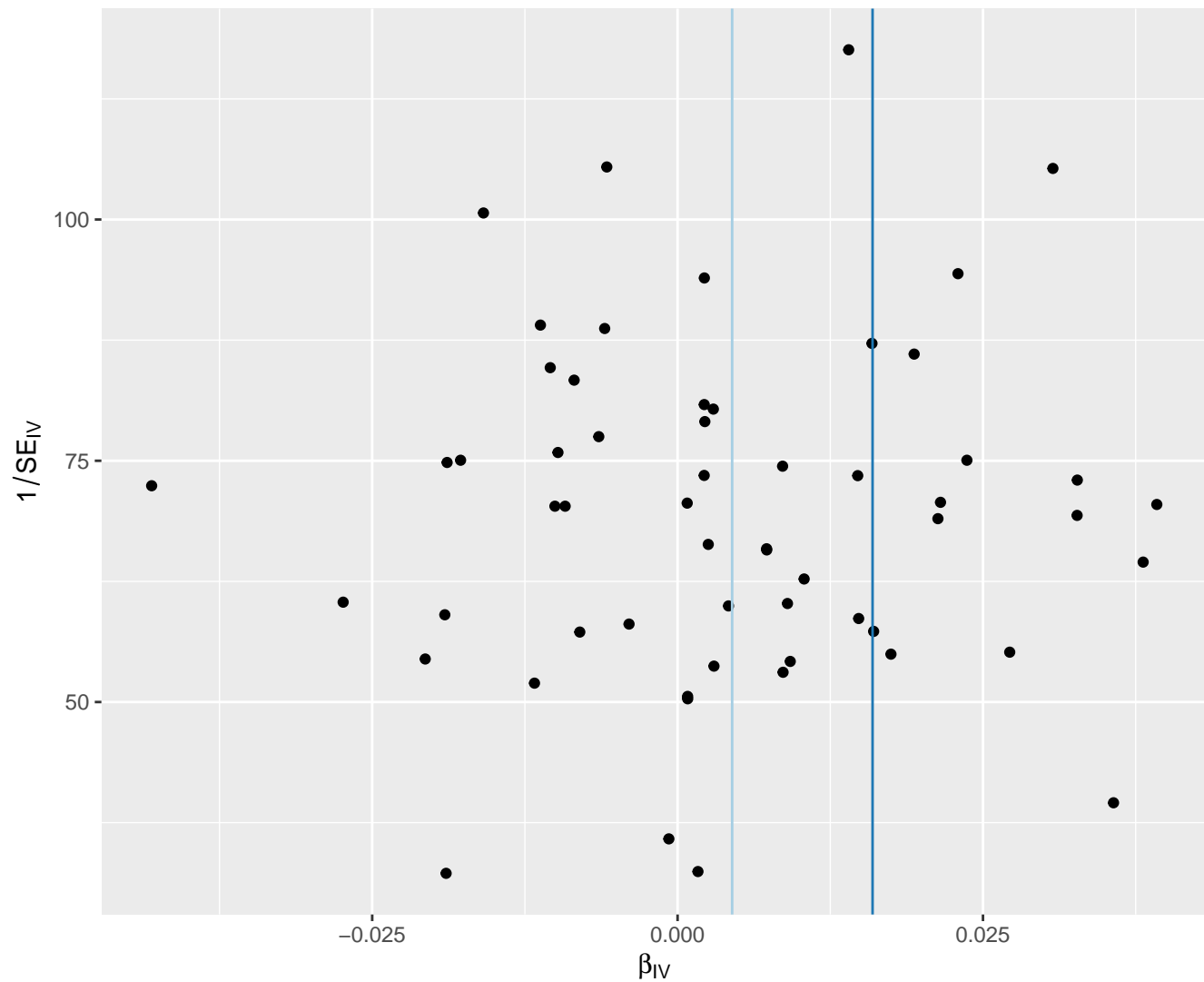
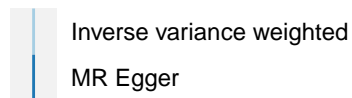
# Isovalerylcarnitine

MR Method



# Kynurenine

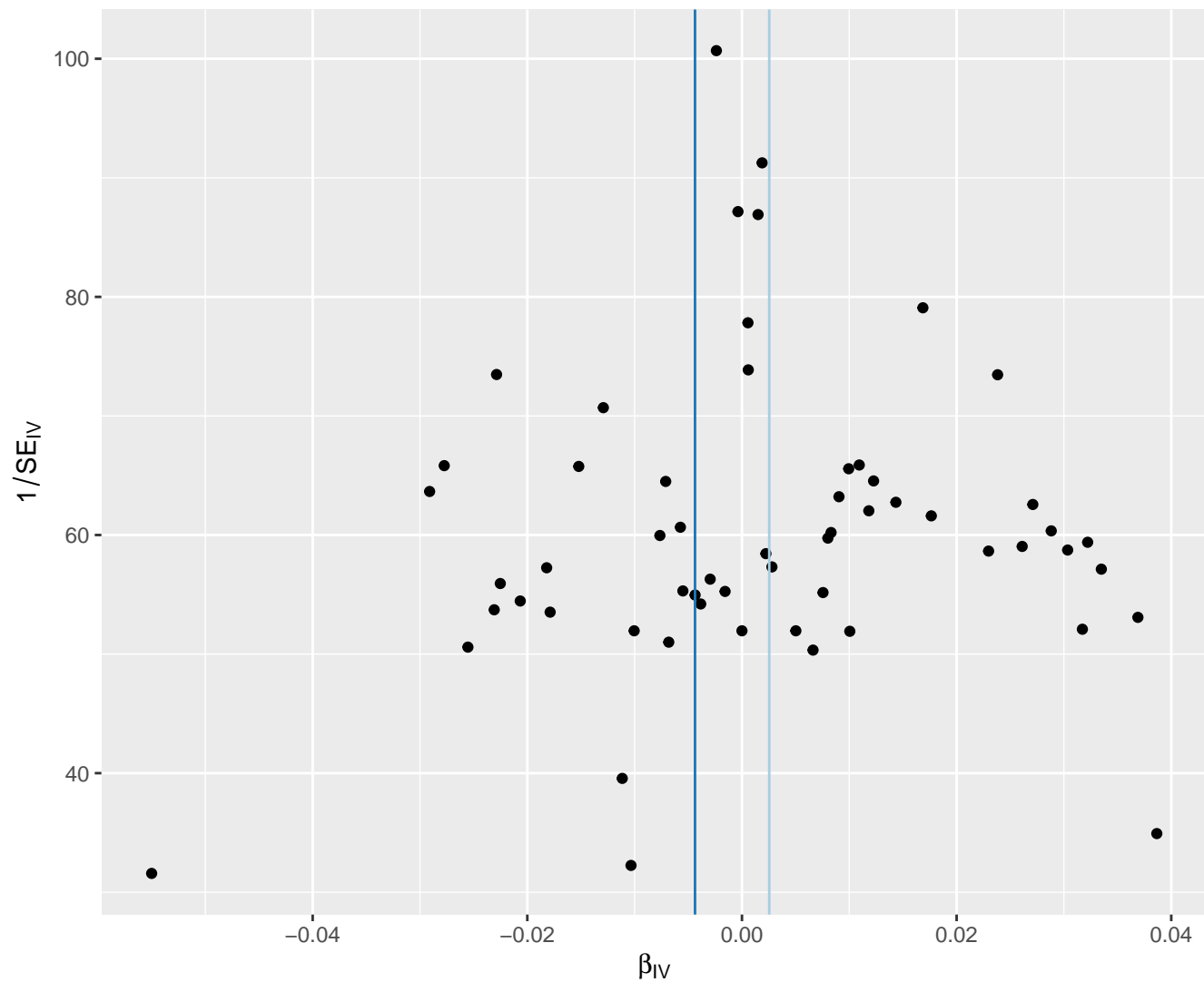
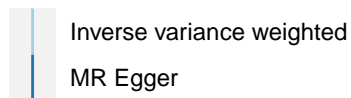
MR Method





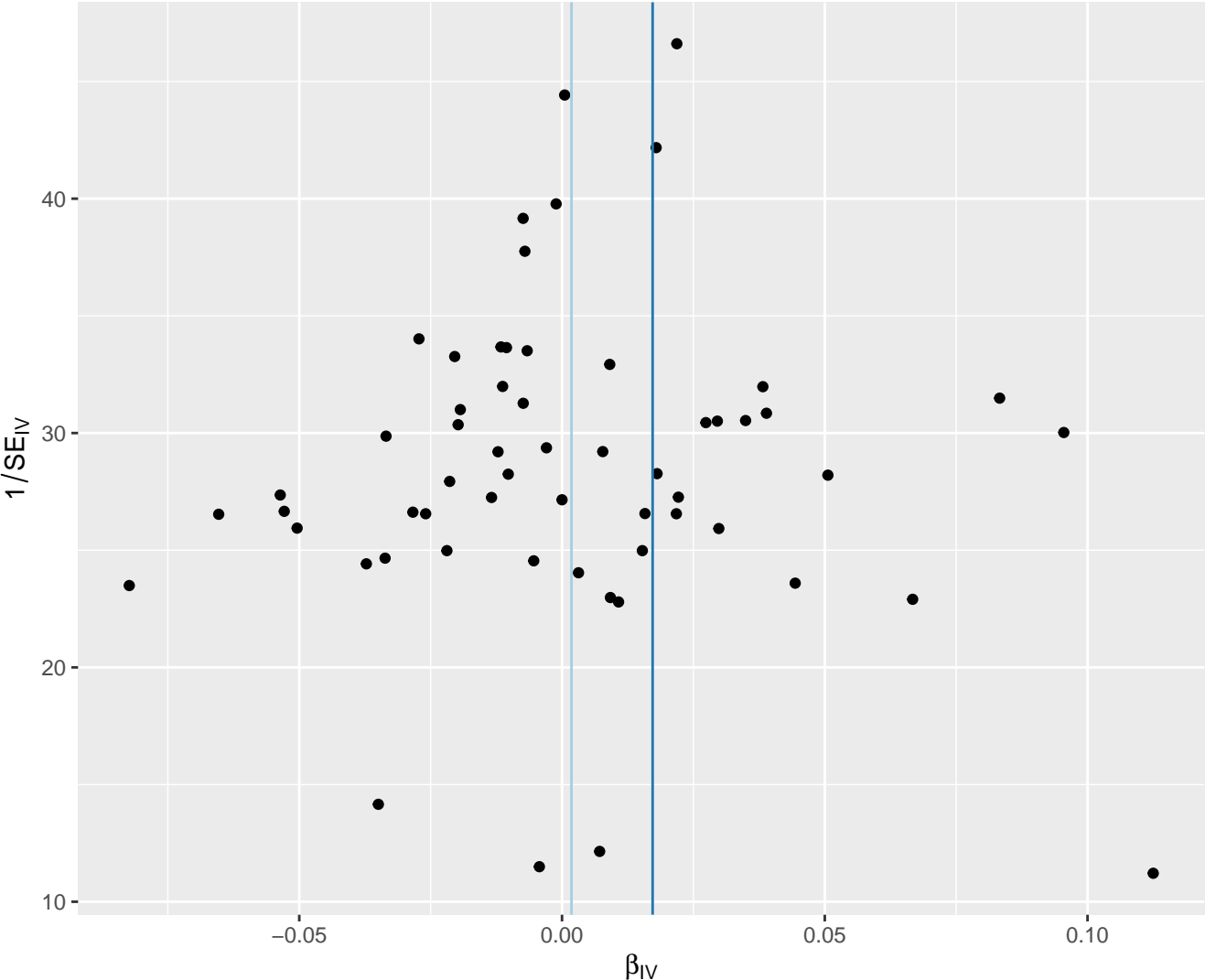
# Lactate

MR Method



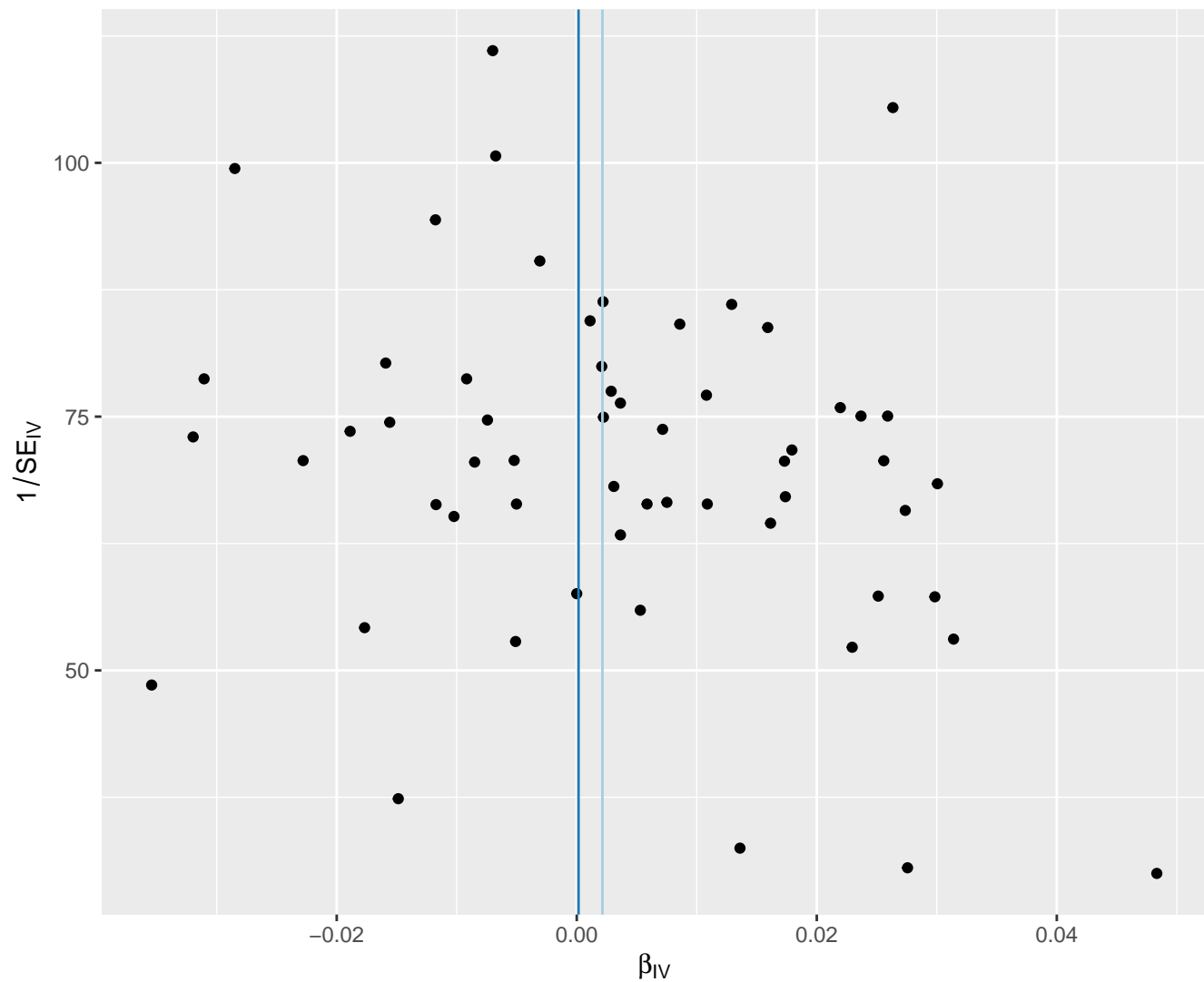
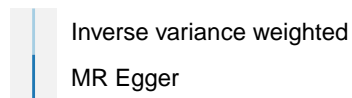
# Lathosterol

MR Method



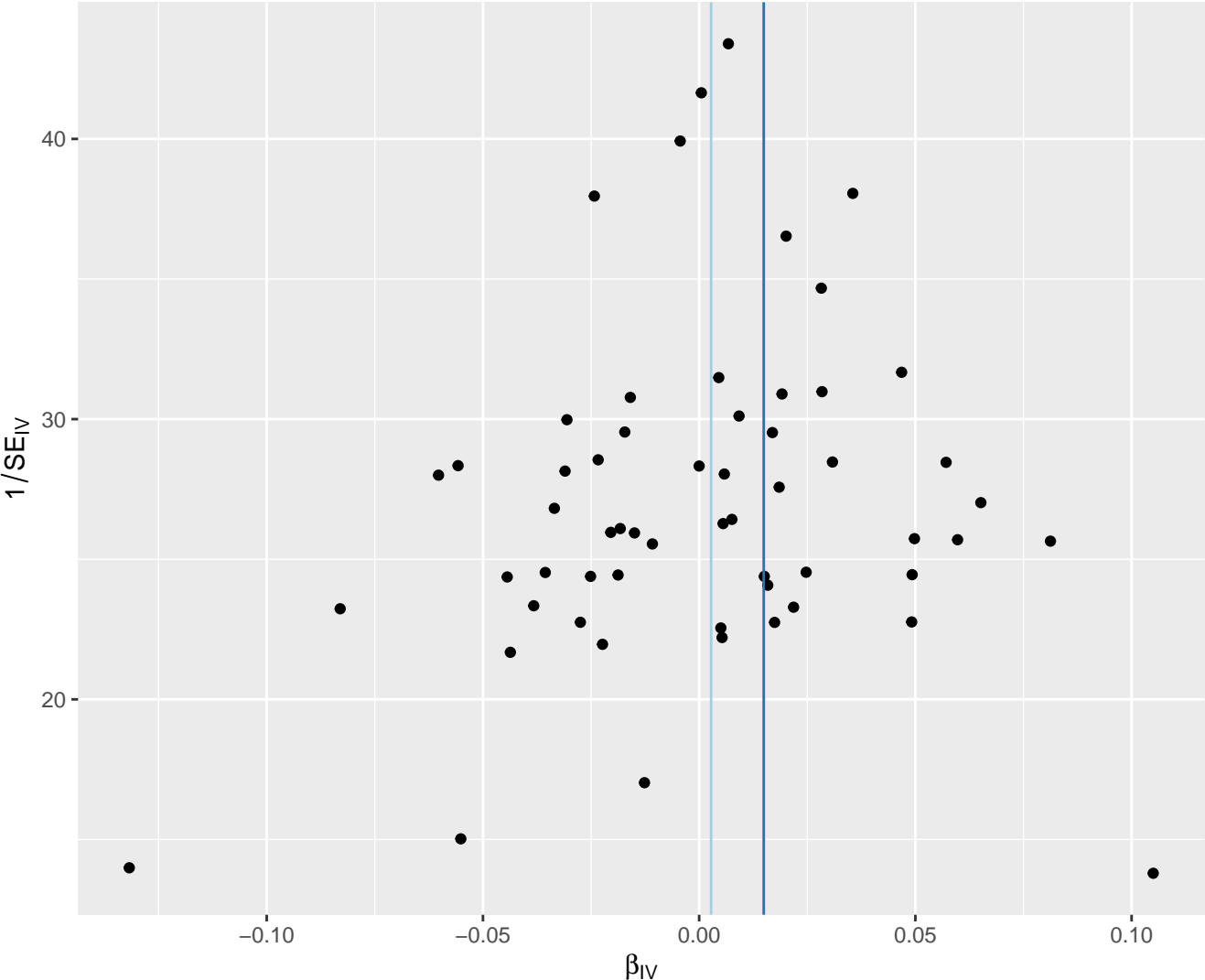
# Laurate (12:0)

## MR Method



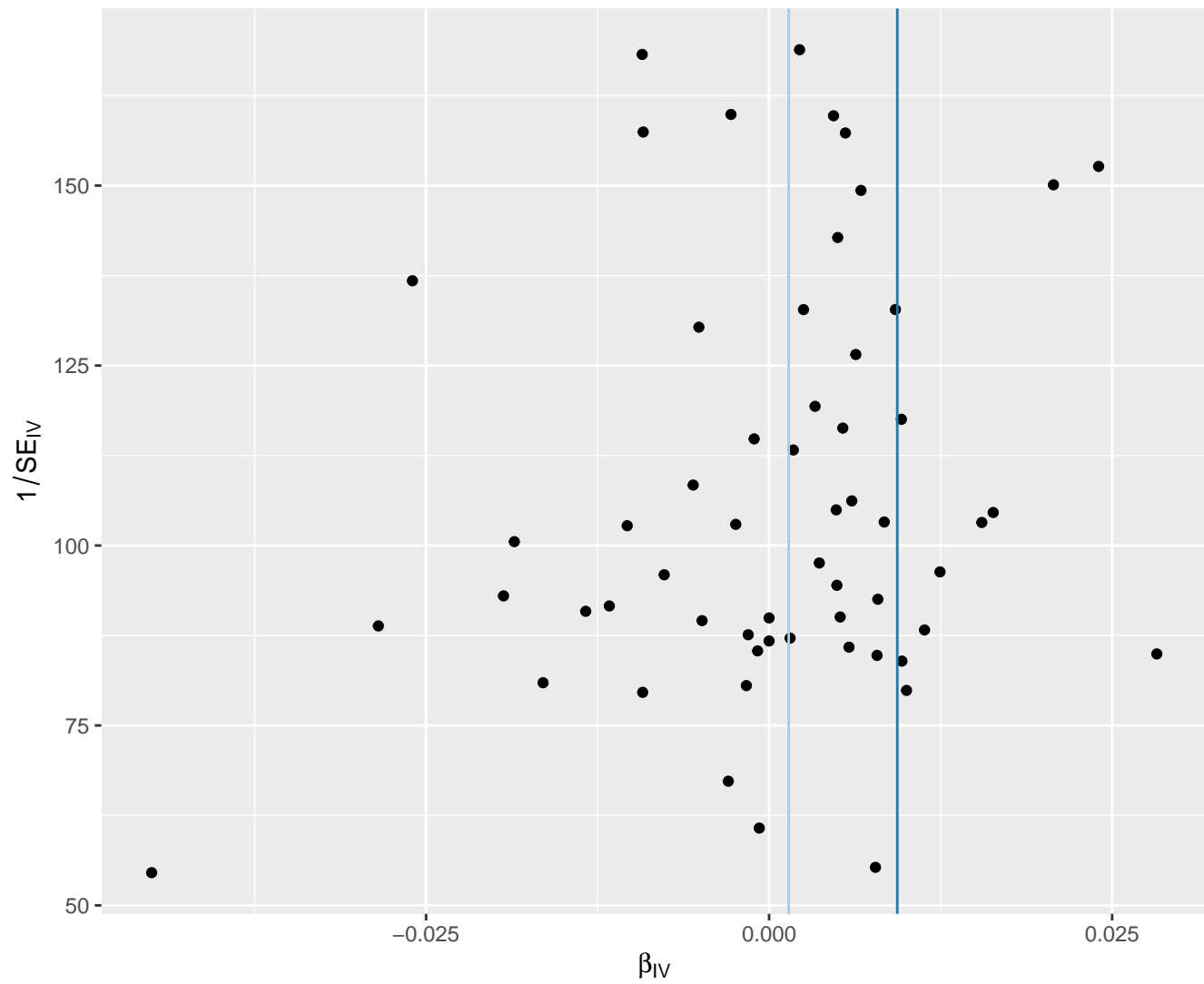
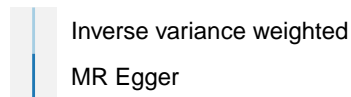
# Laurylcarnitine

MR Method



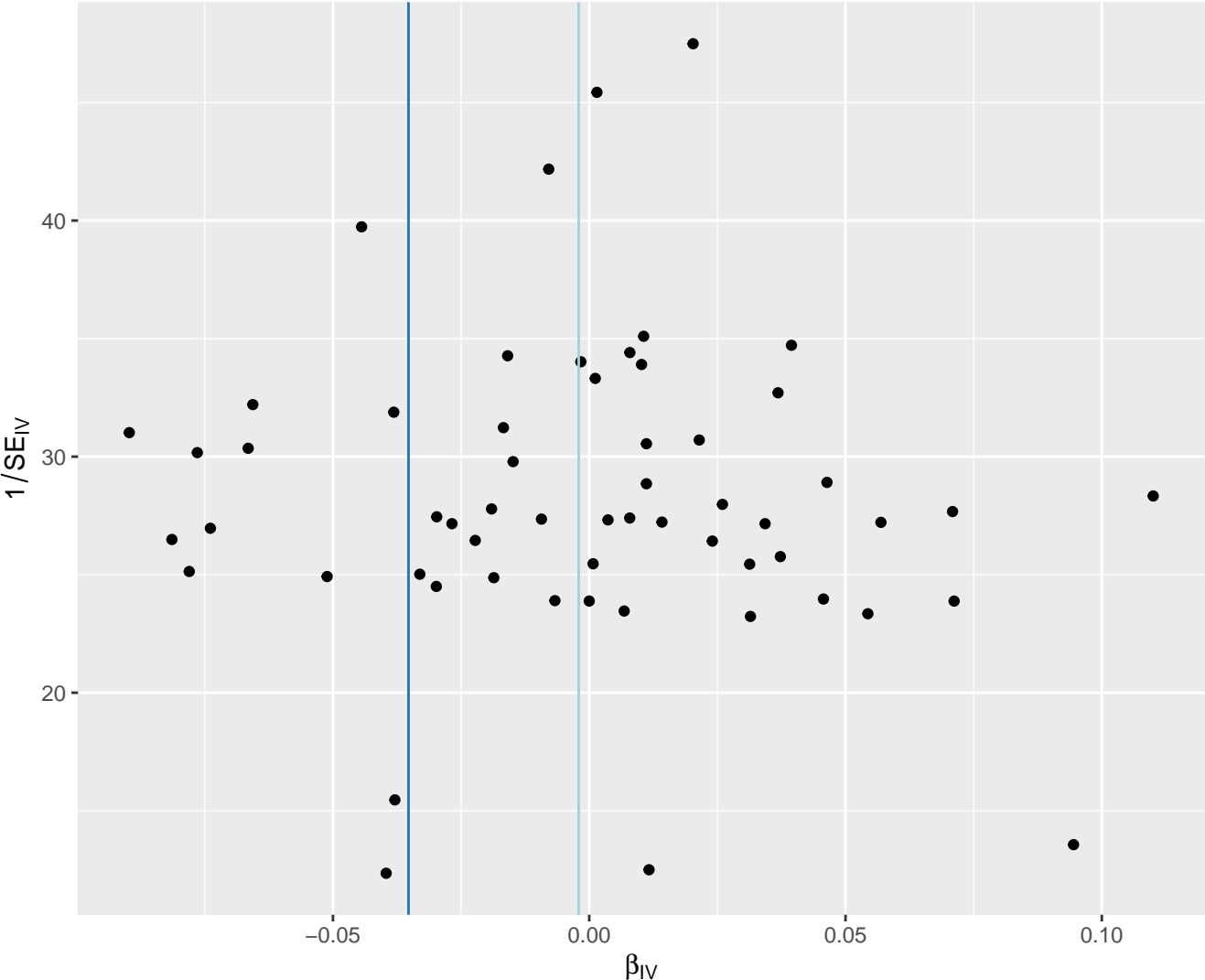
# Leucine

## MR Method



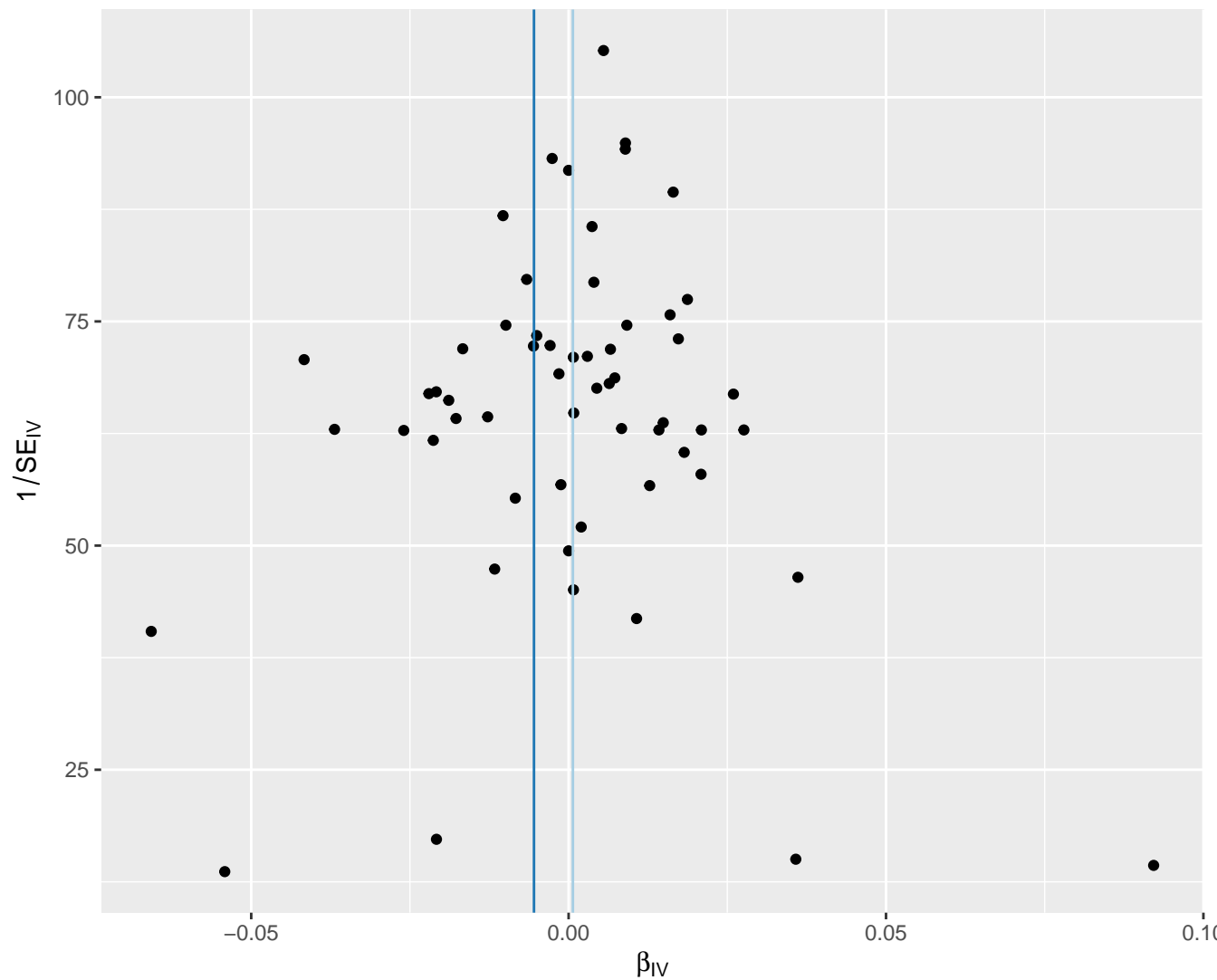
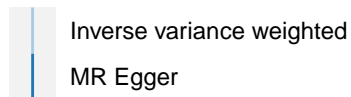
# Leucylleucine

MR Method

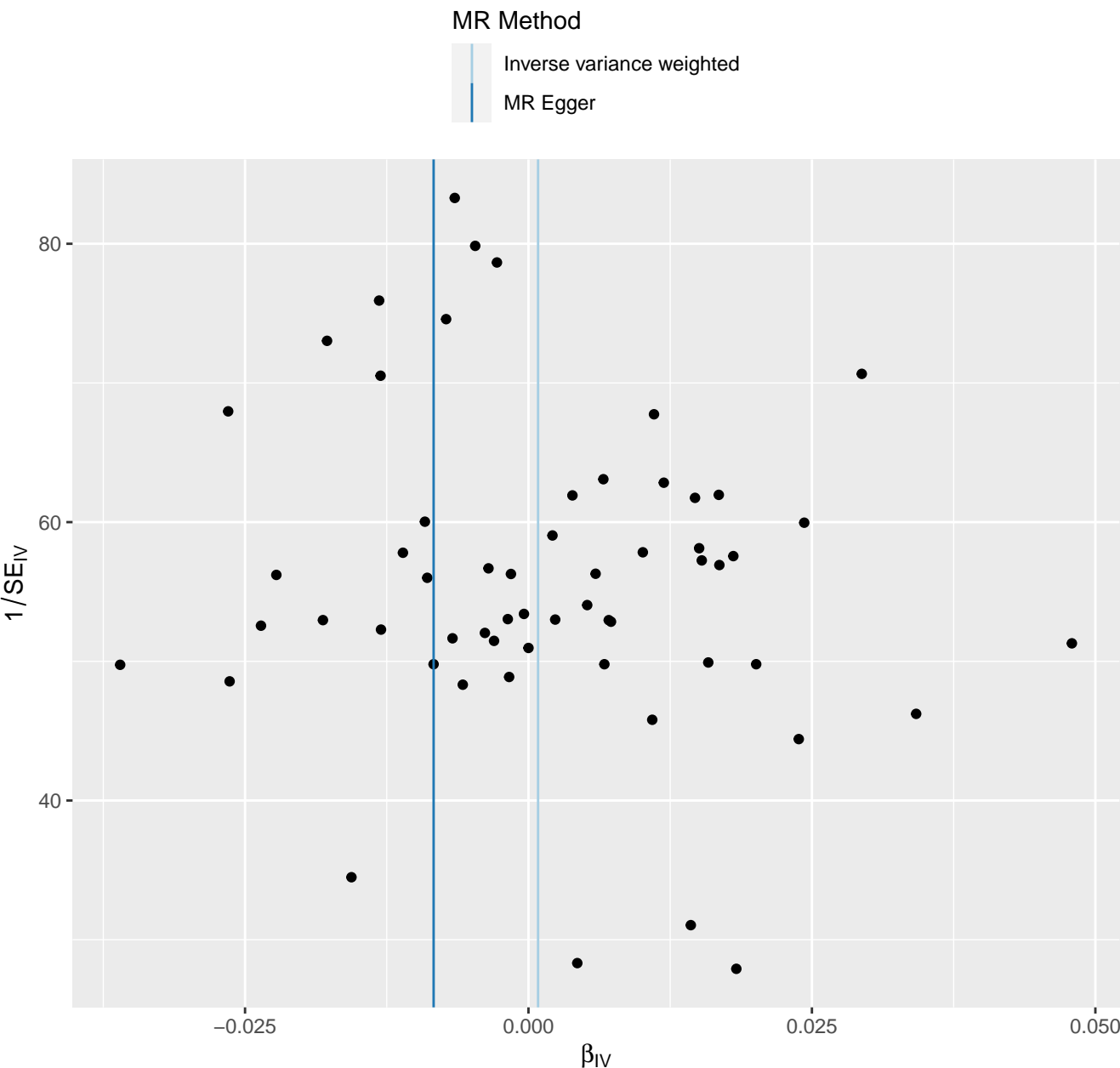


# Levulinate (4-oxovalerate)

MR Method



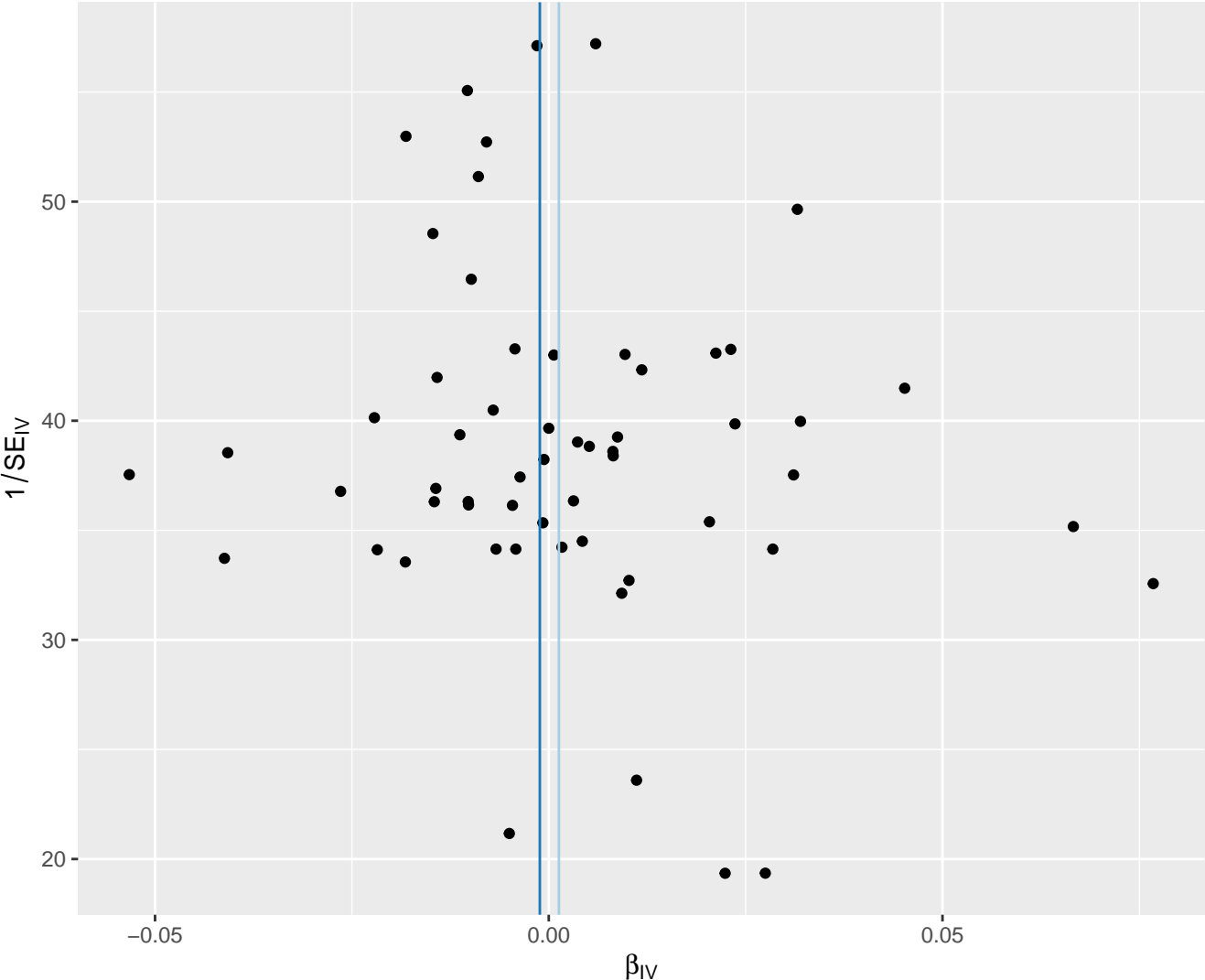
Linoleate (18:2n6)





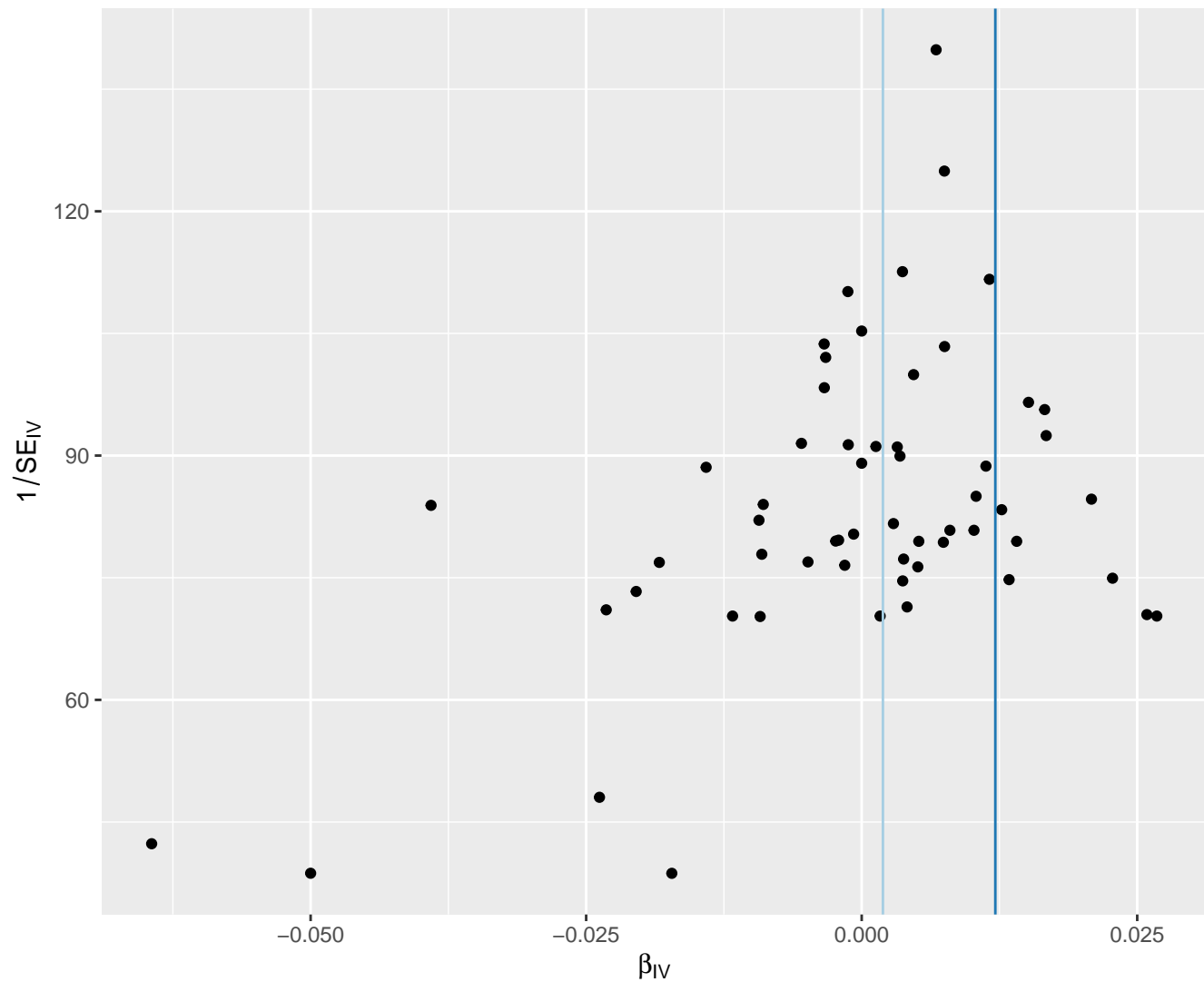
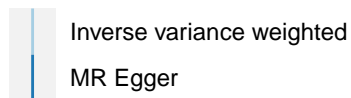
Linolenate [alpha or gamma; (18:3n3 or 6)]

MR Method



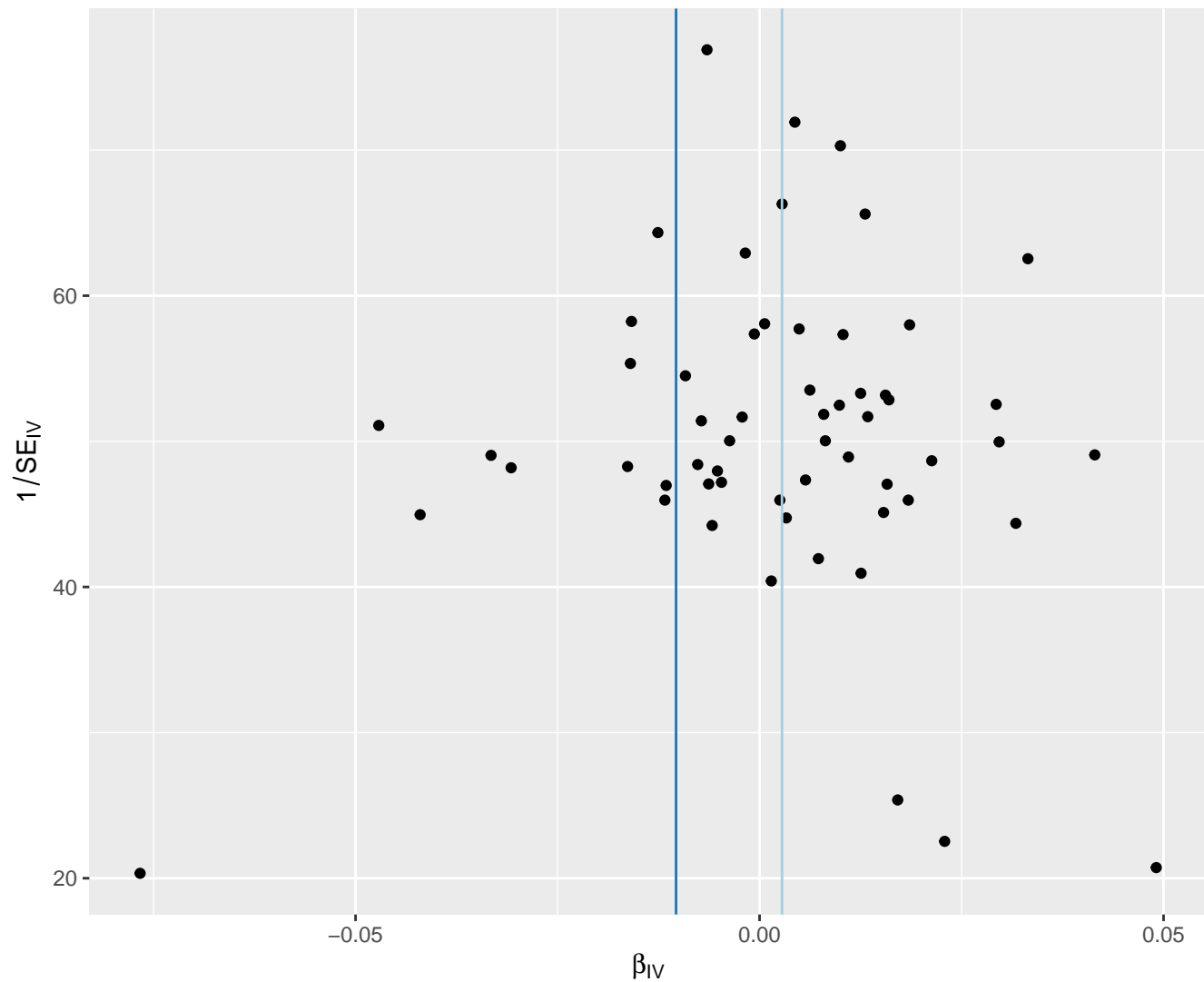
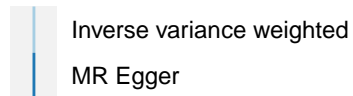
# Lysine

## MR Method



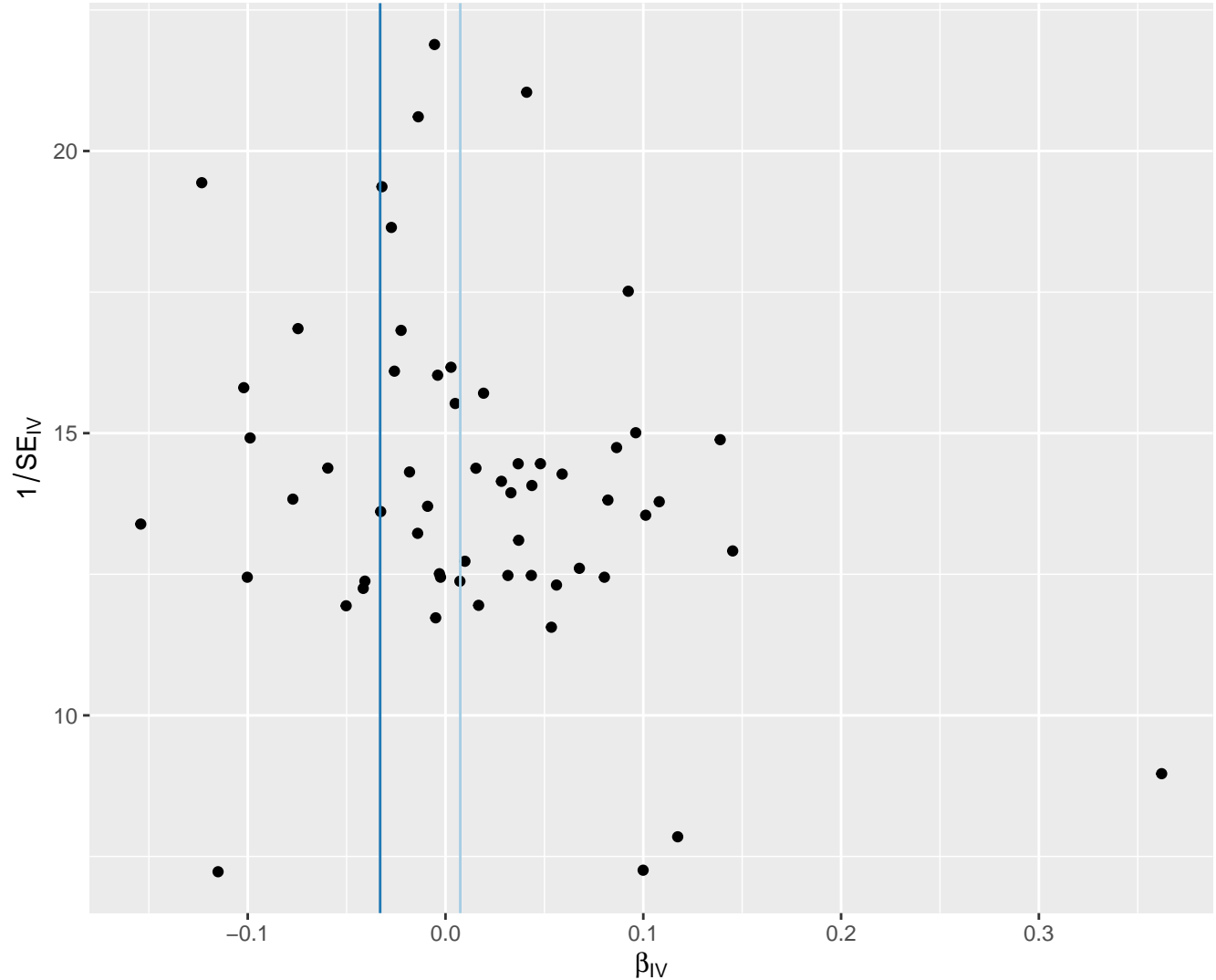
# Malate

## MR Method

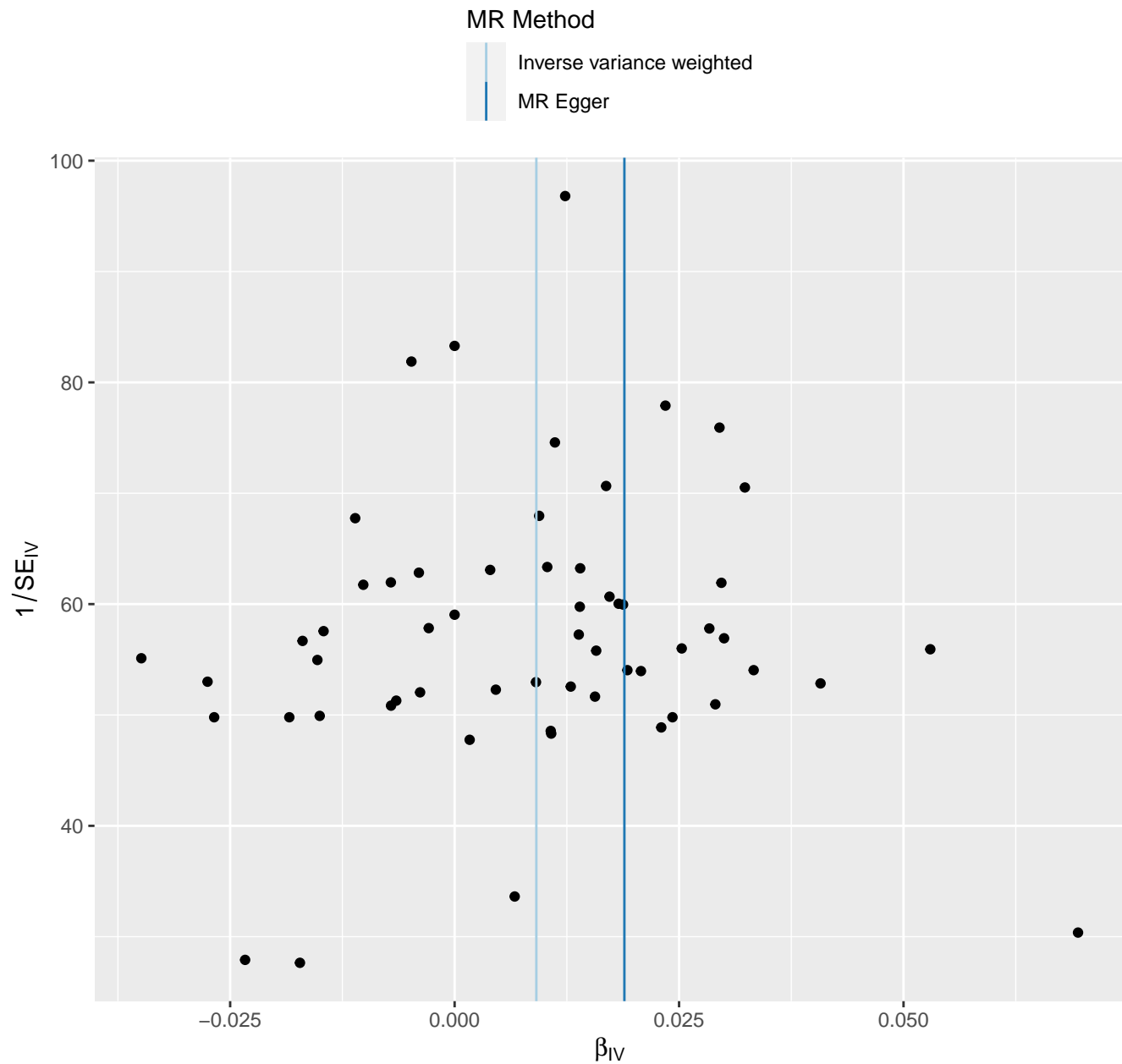


# Mannitol

MR Method

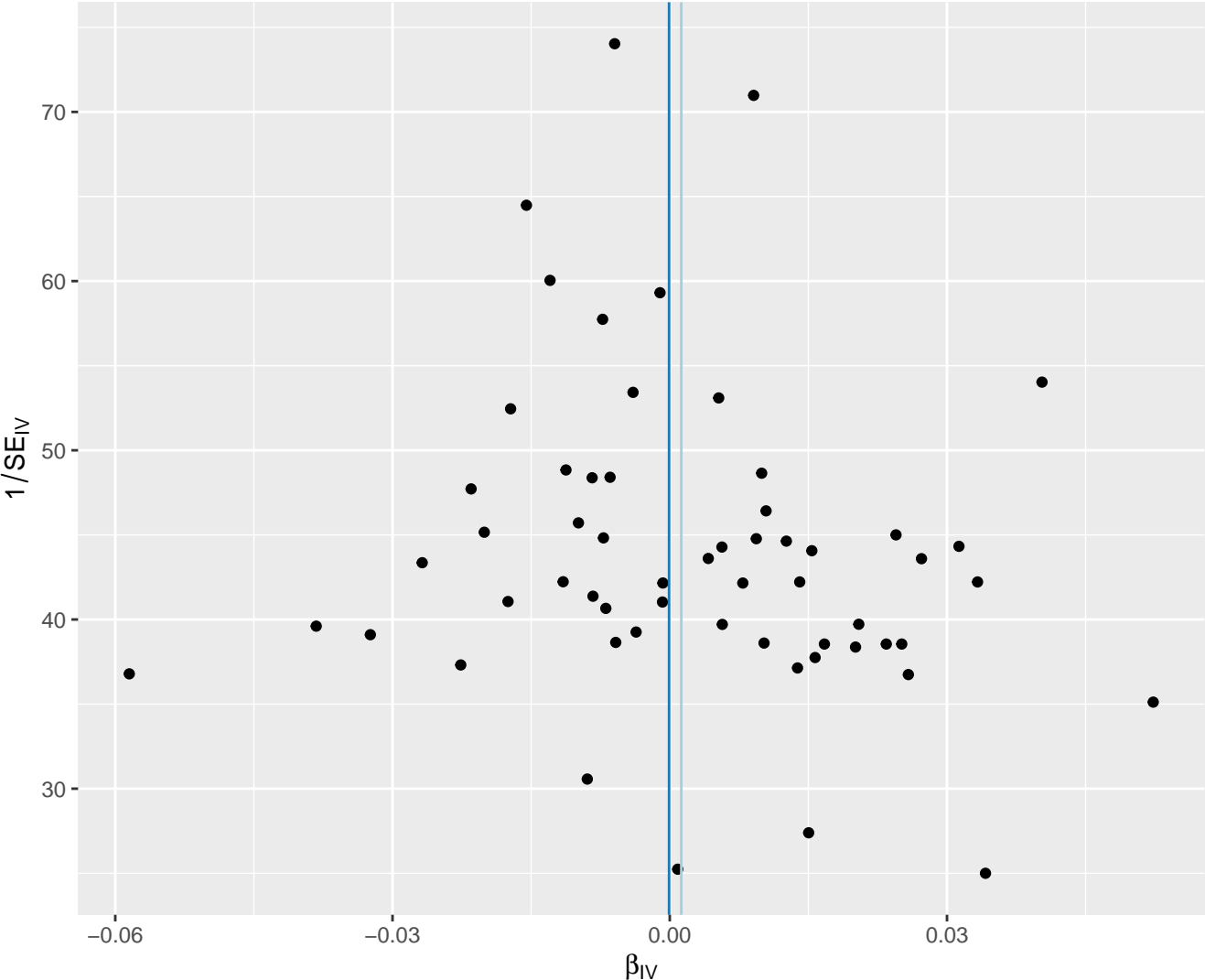


# Mannose



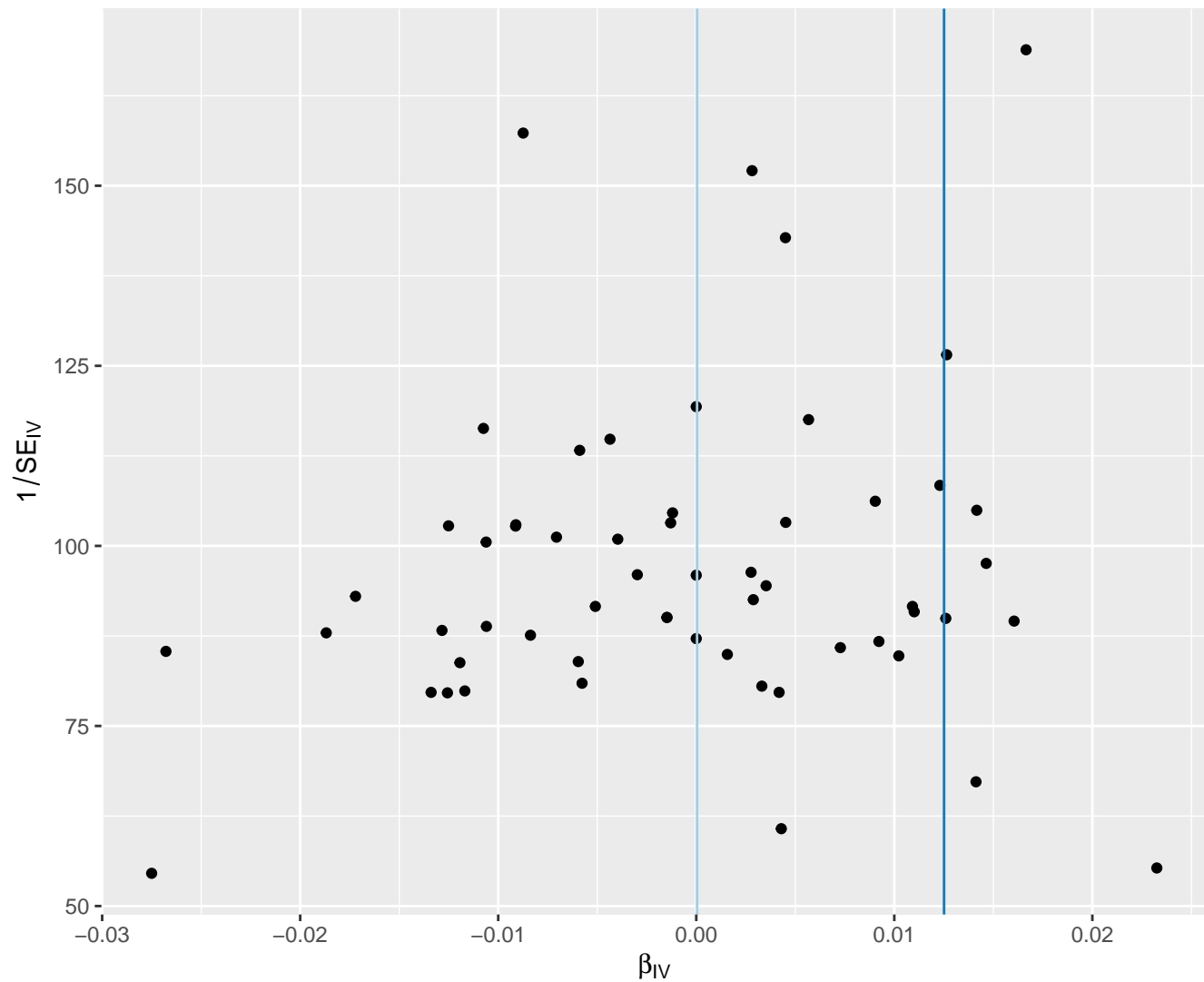
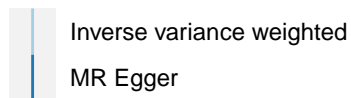
Margarate (17:0)

MR Method



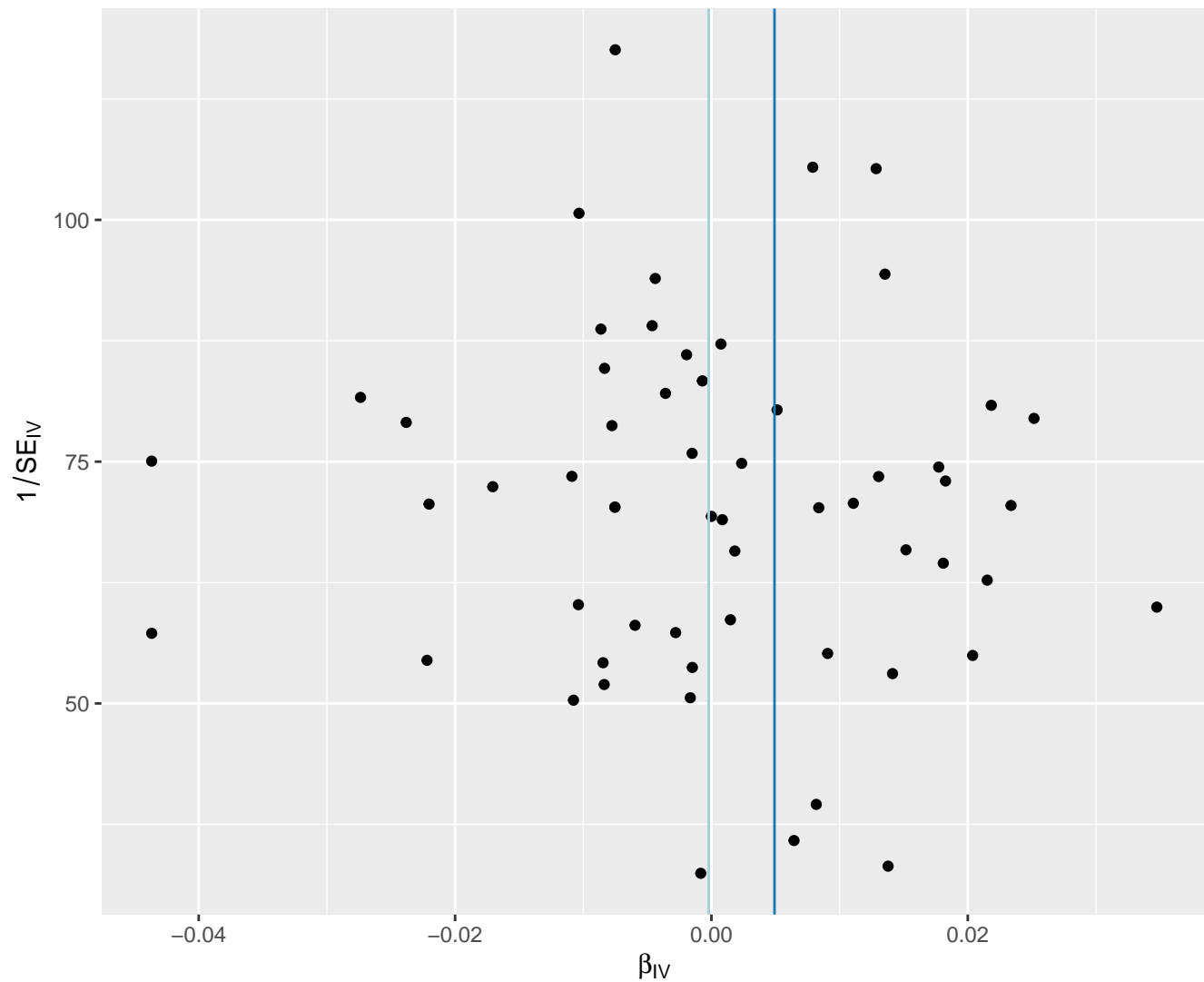
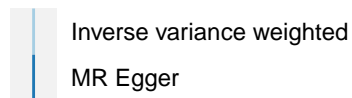
# Methionine

MR Method



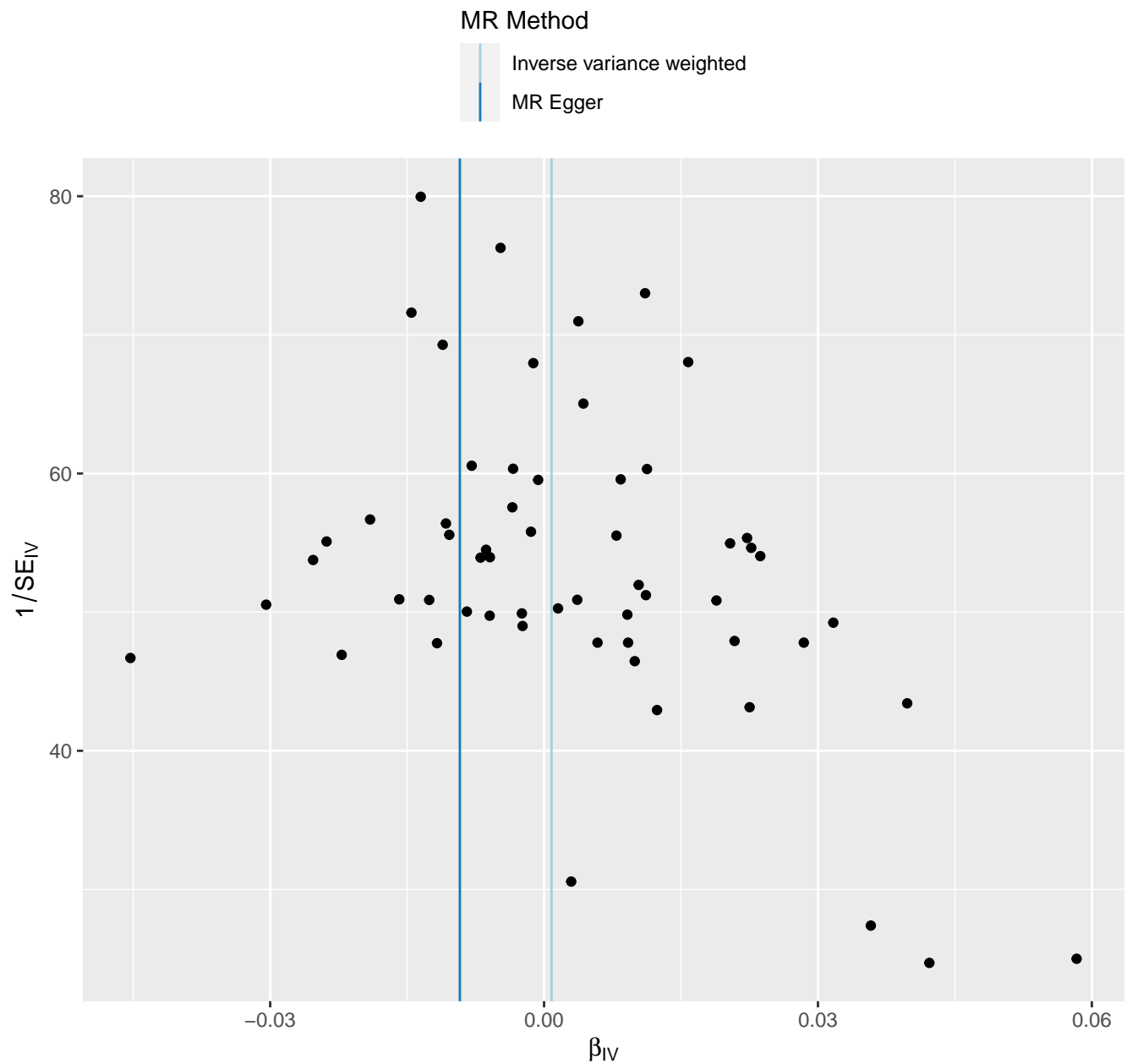
# Myo-inositol

MR Method



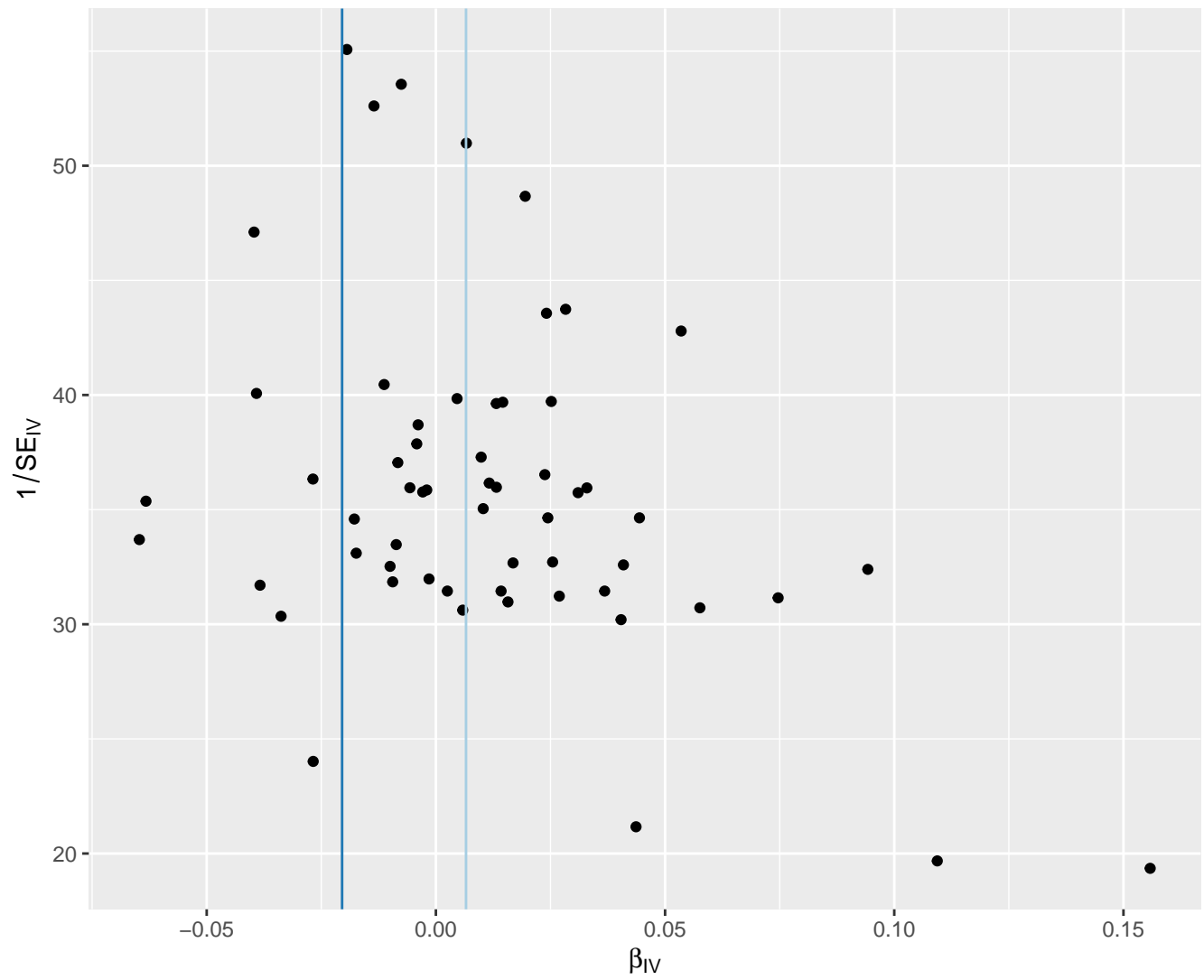


Myristate (14:0)



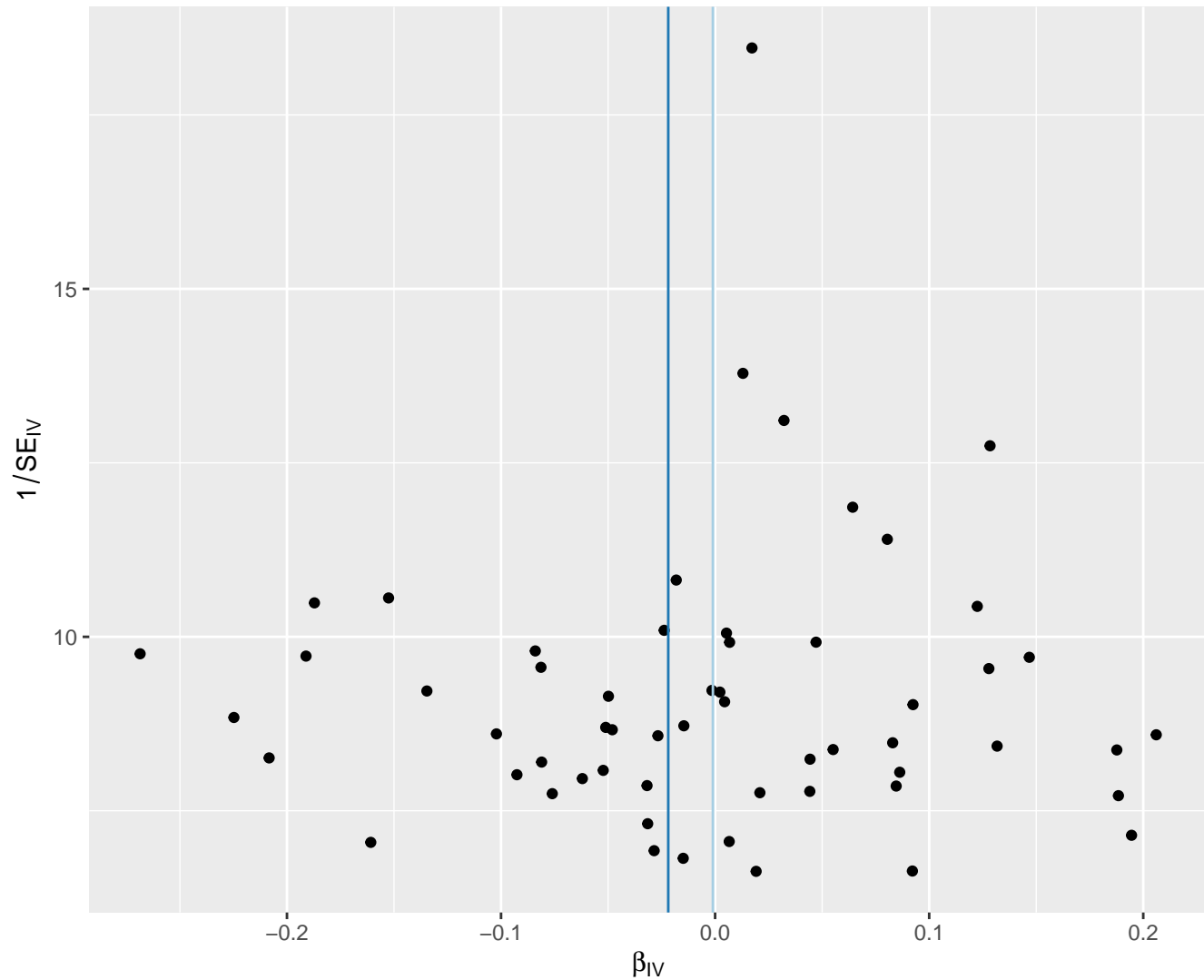
Myristoleate (14:1n5)

MR Method



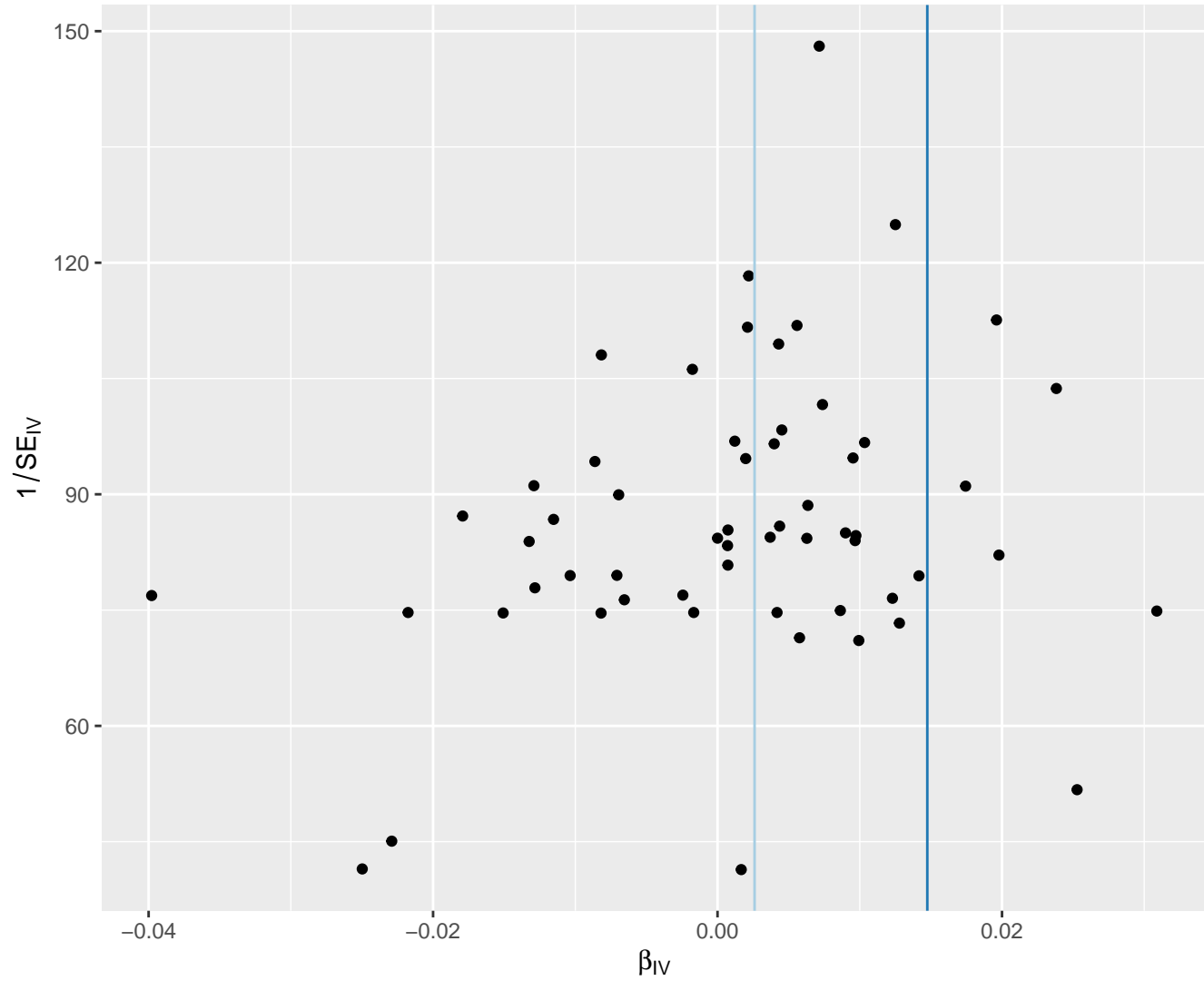
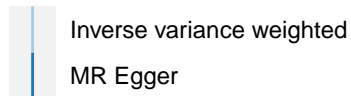
# N-(2-furoyl)glycine

MR Method



# N-acetylalanine

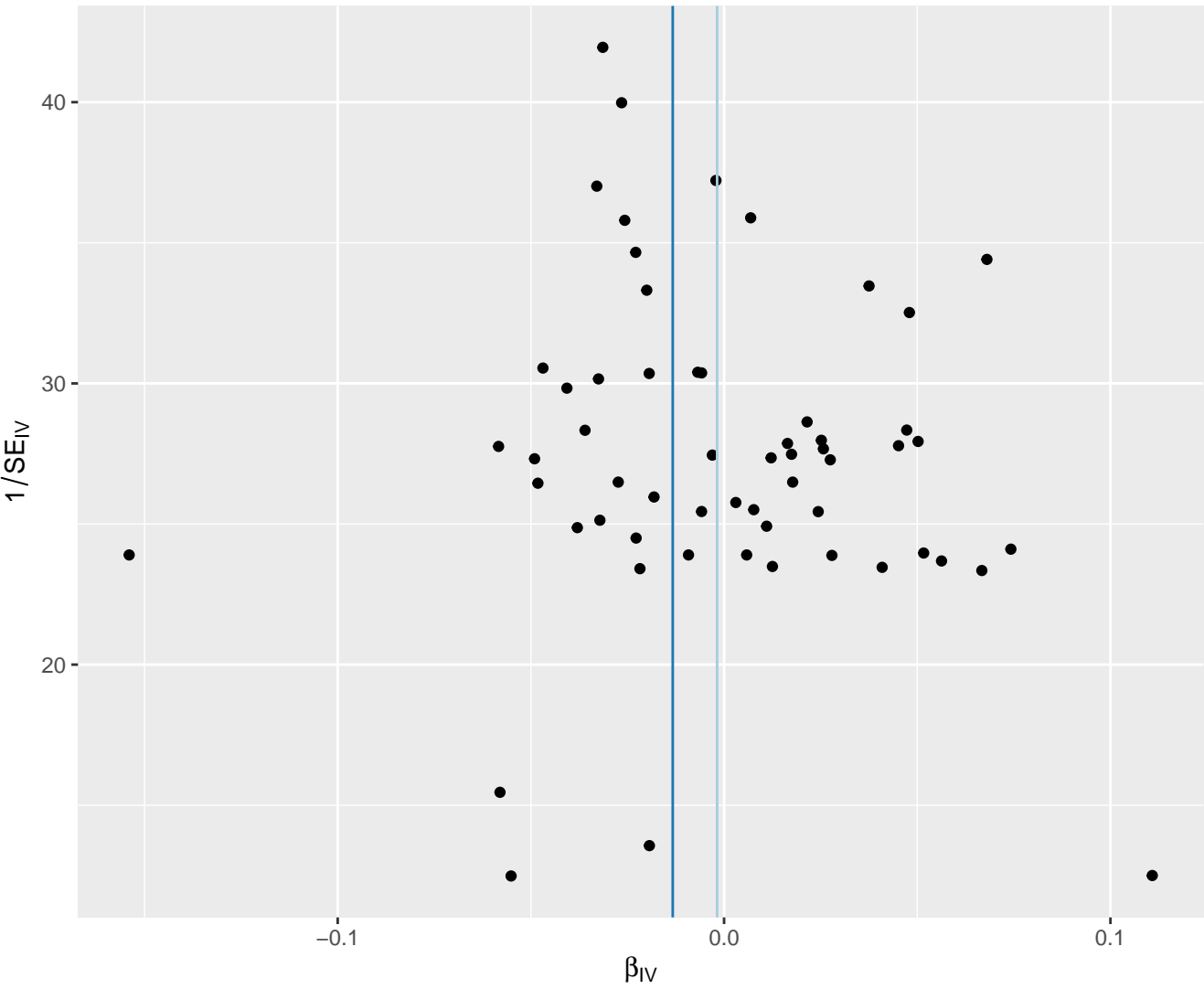
MR Method



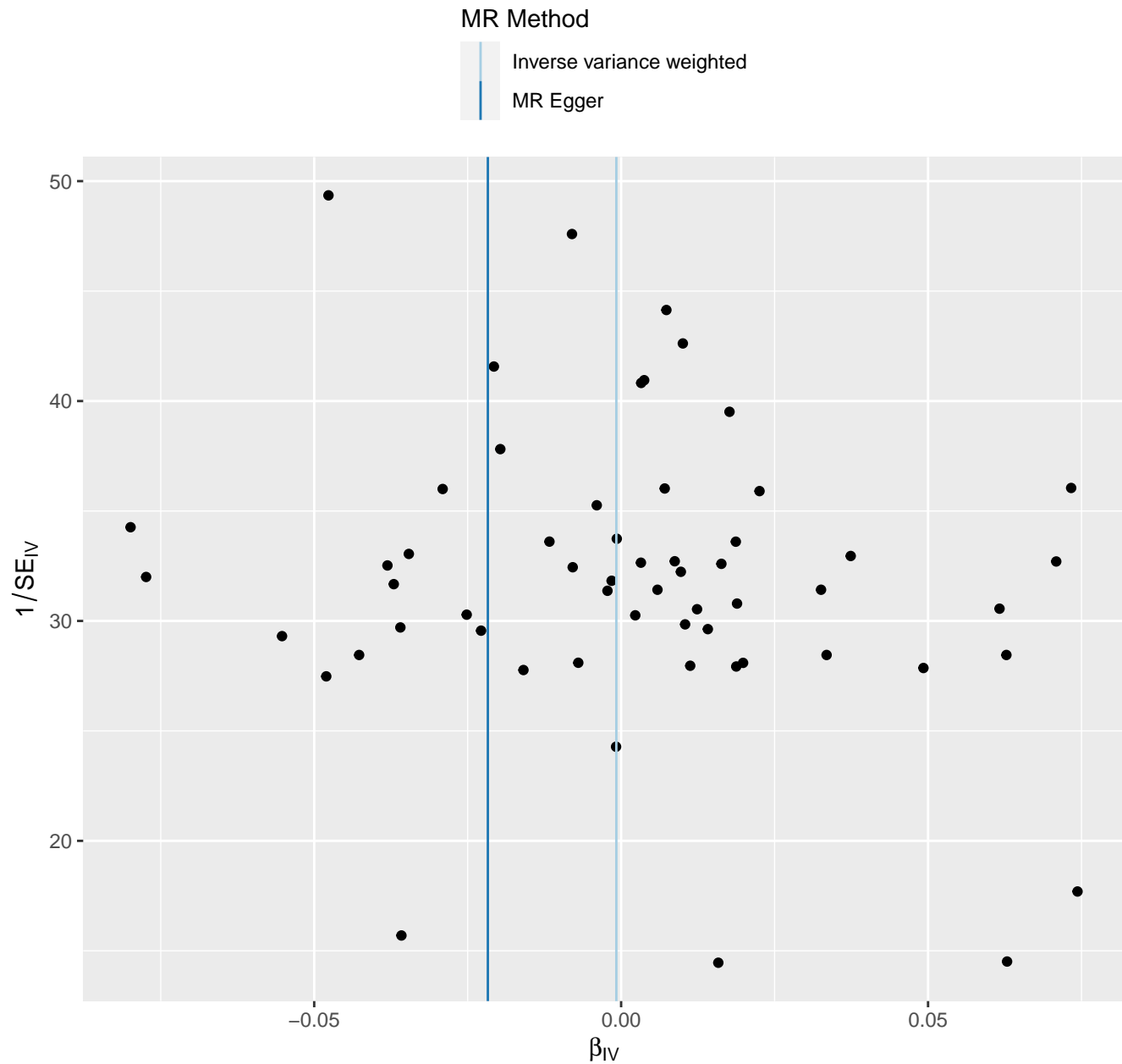
N-acetylglycine

MR Method

- Inverse variance weighted
- MR Egger

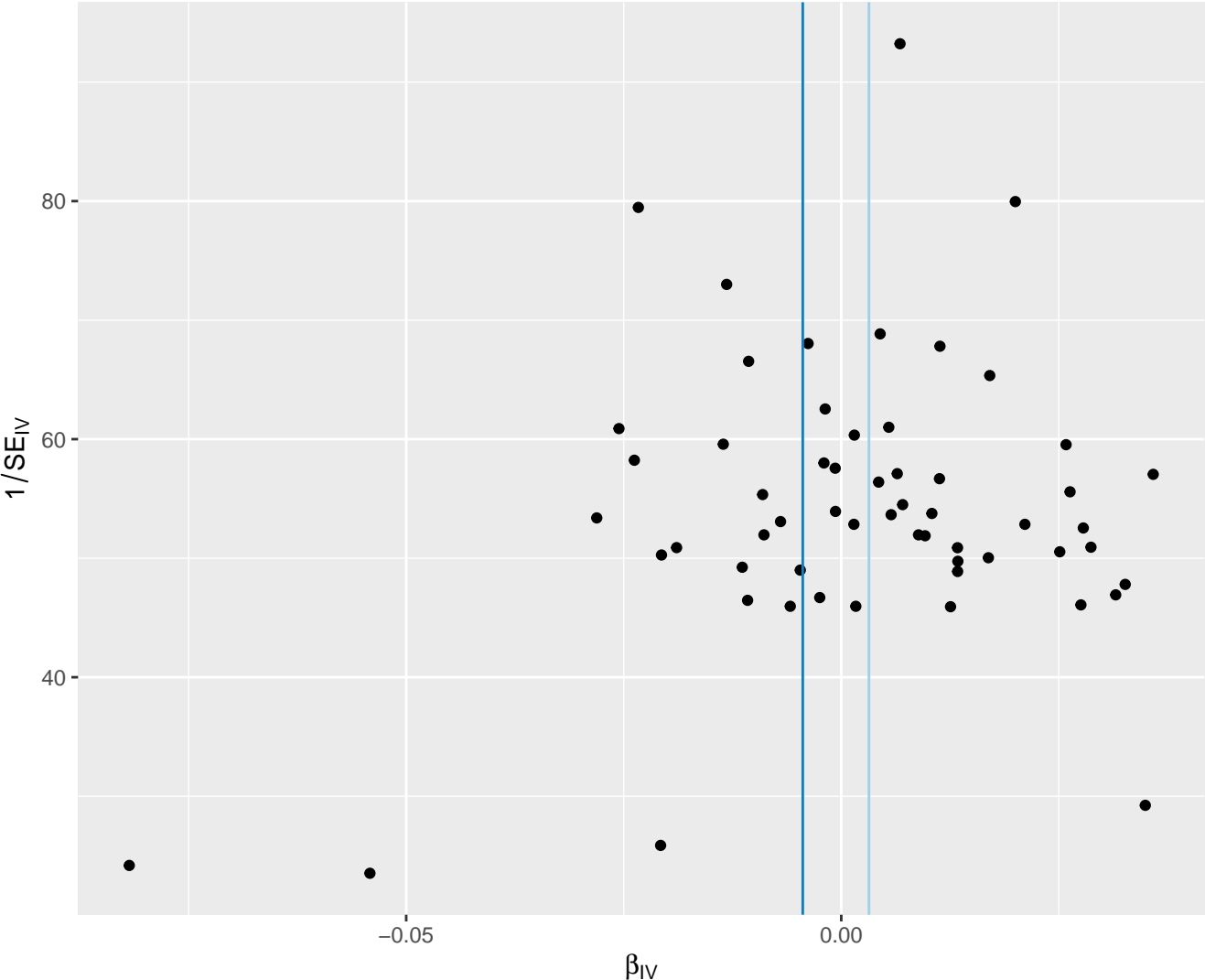


# N-acetylorithine



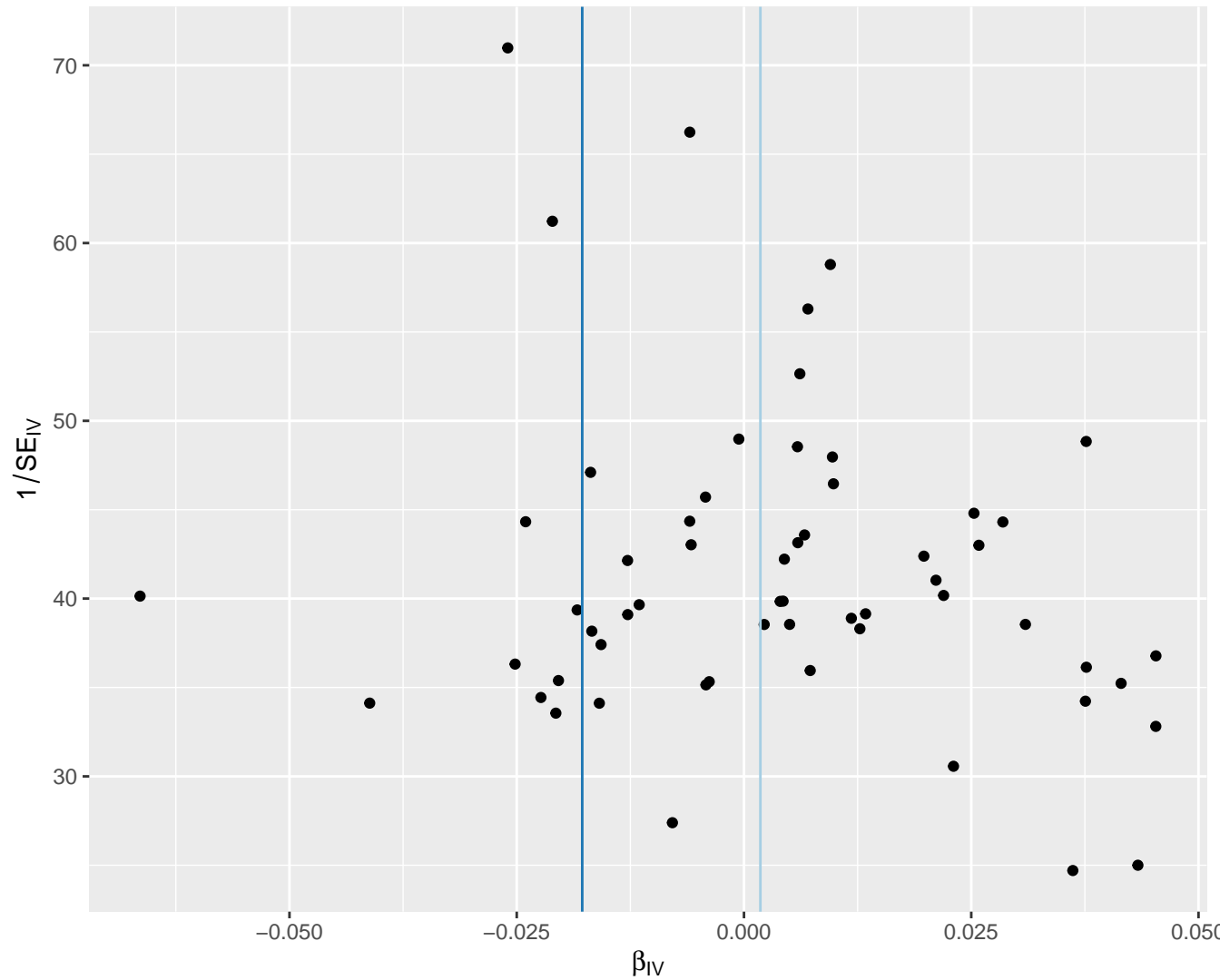
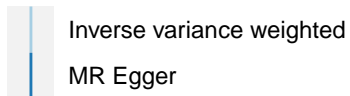
N-acetylthreonine

MR Method



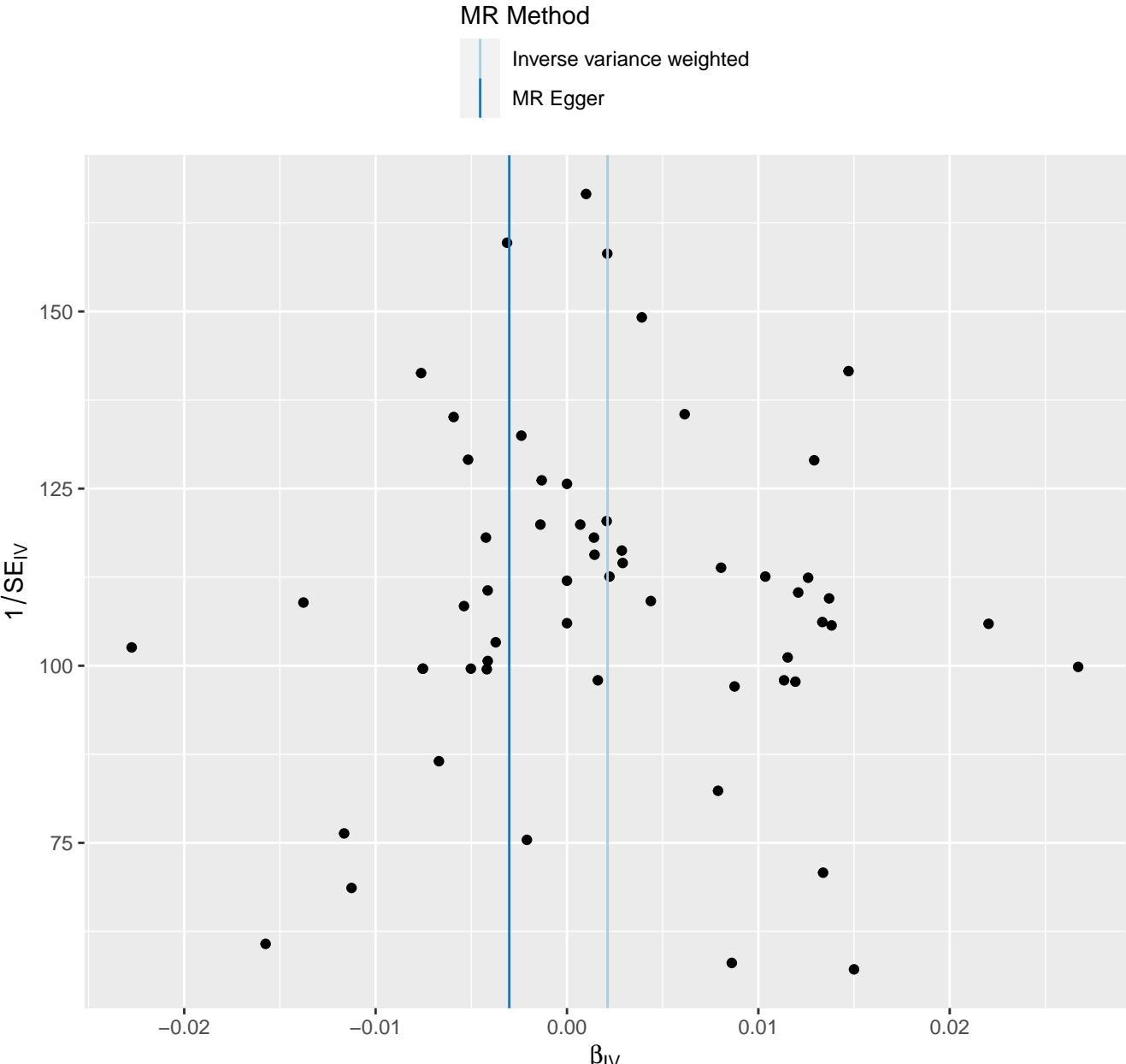
# N-Butyl Oleate

MR Method



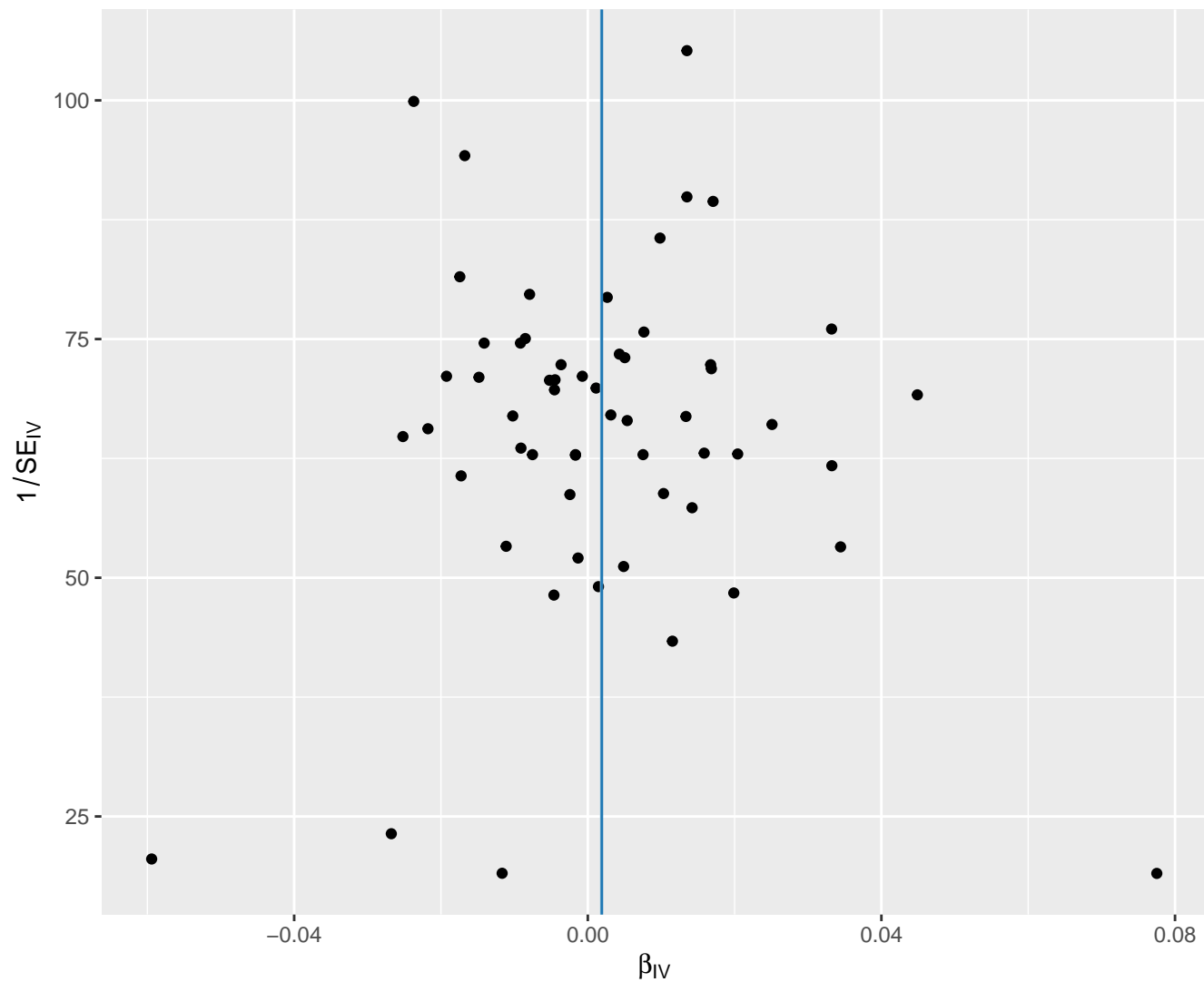
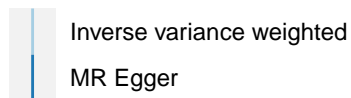


# N1-methyladenosine



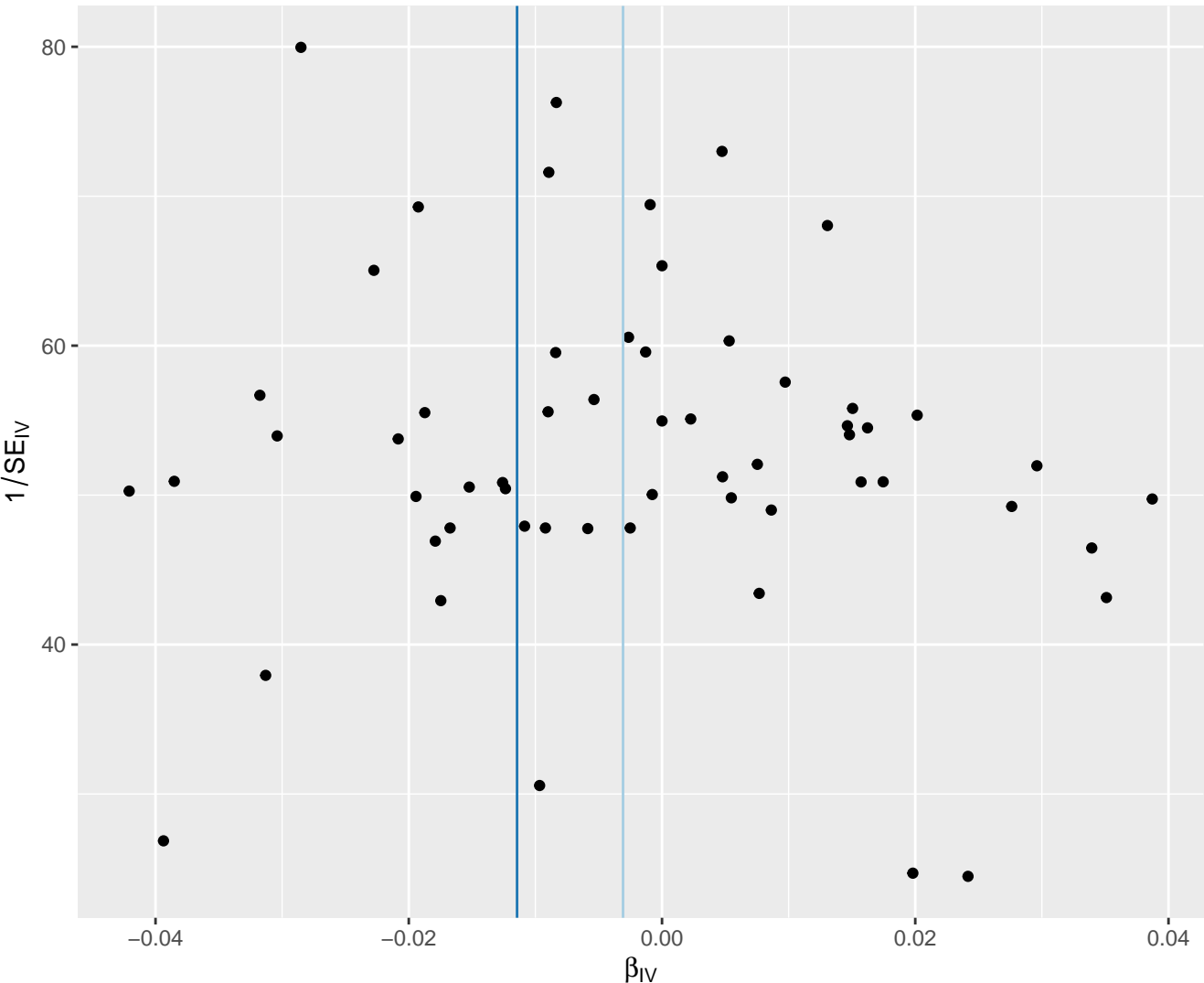
# N2,N2-dimethylguanosine

MR Method



Nonadecanoate (19:0)

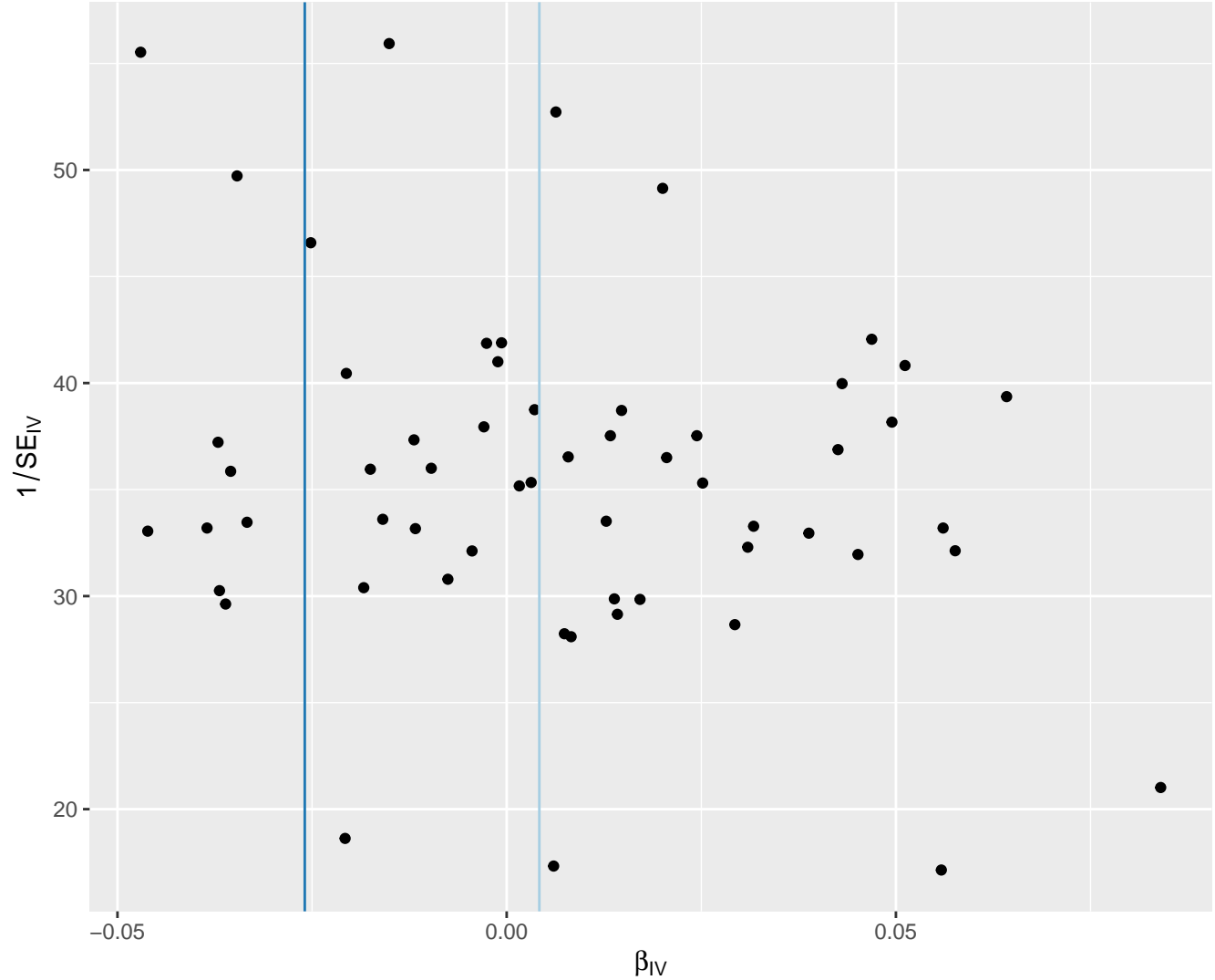
MR Method



# Octadecanedioate

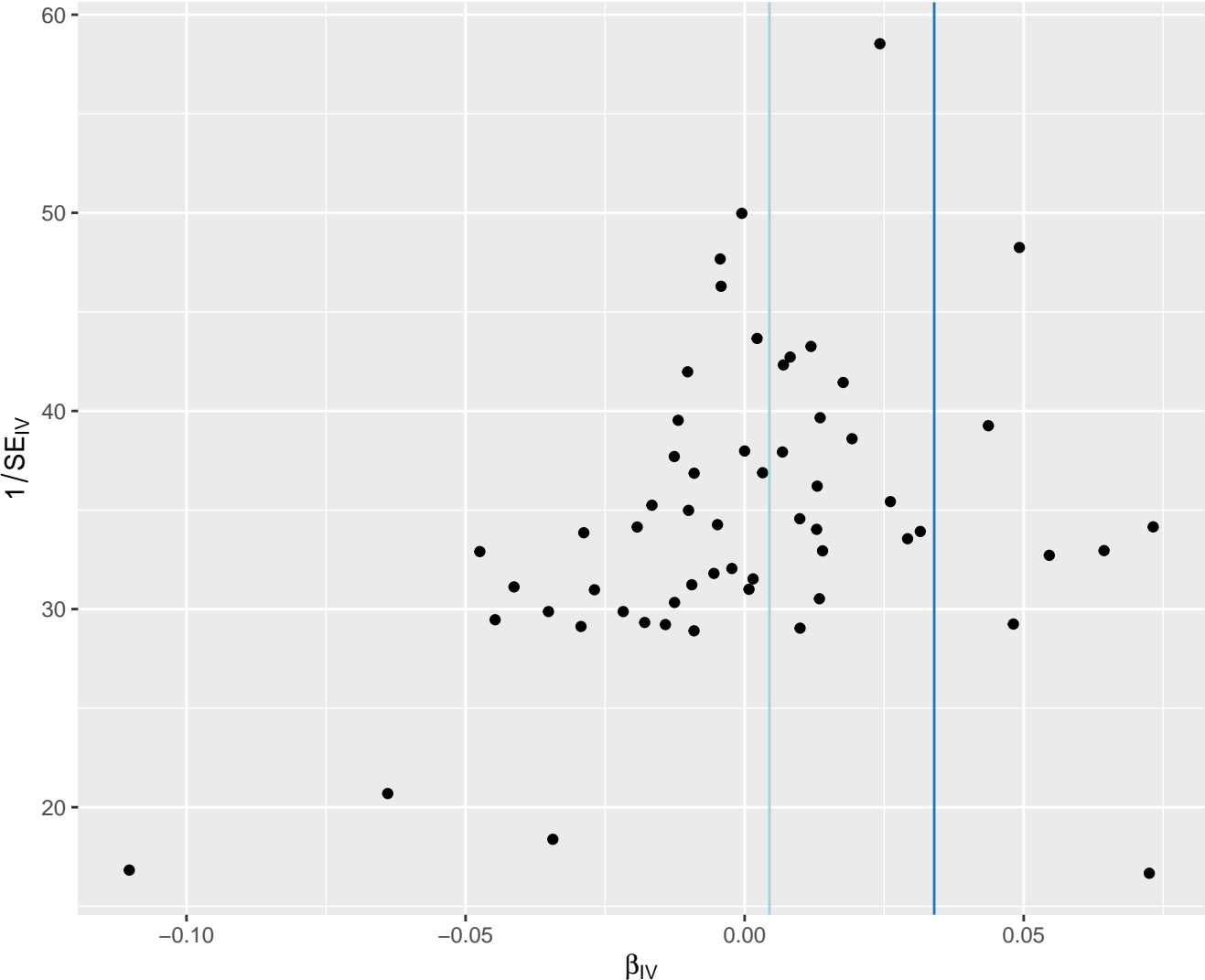
MR Method

- Inverse variance weighted
- MR Egger



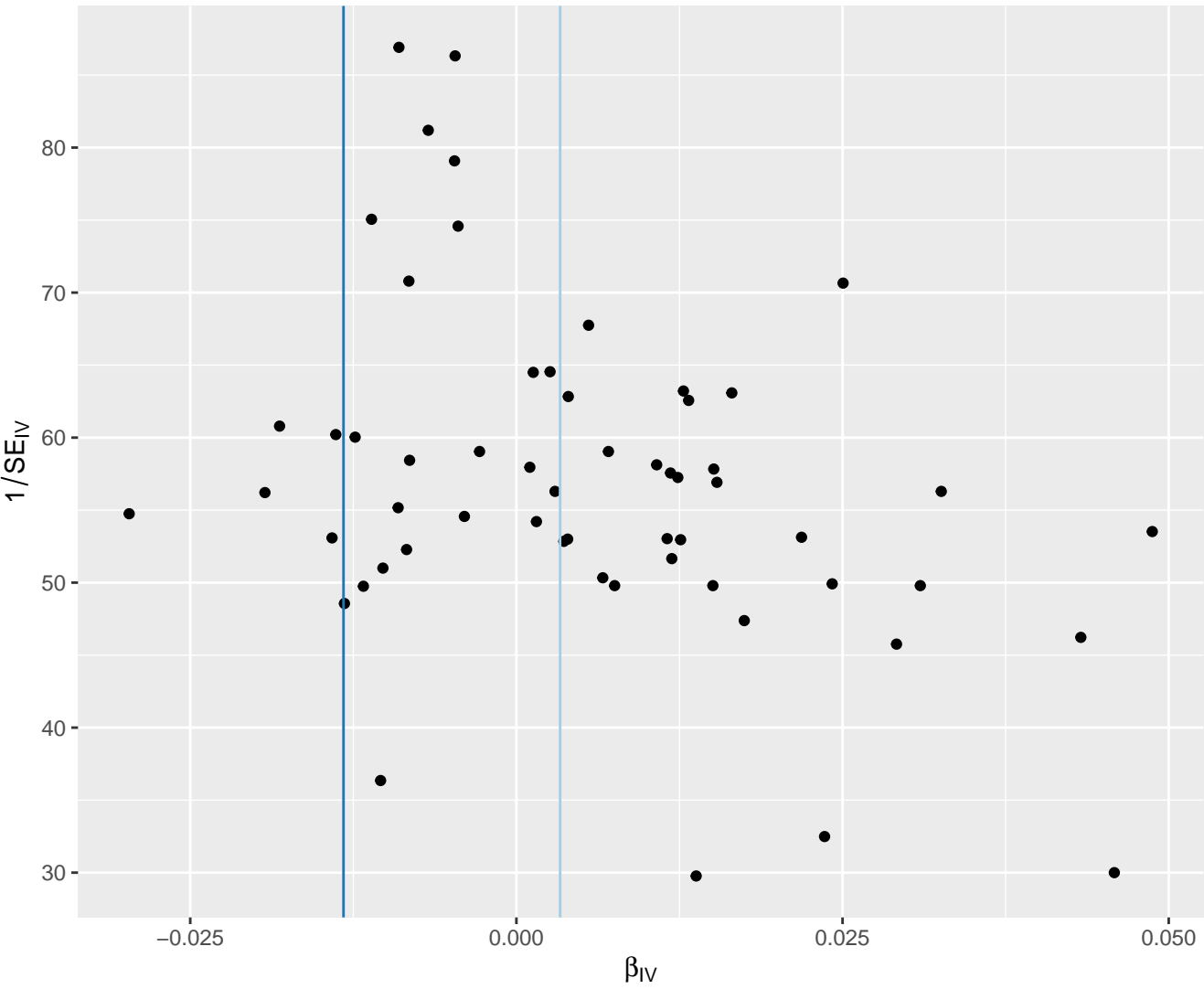
# Octanoylcarnitine

MR Method



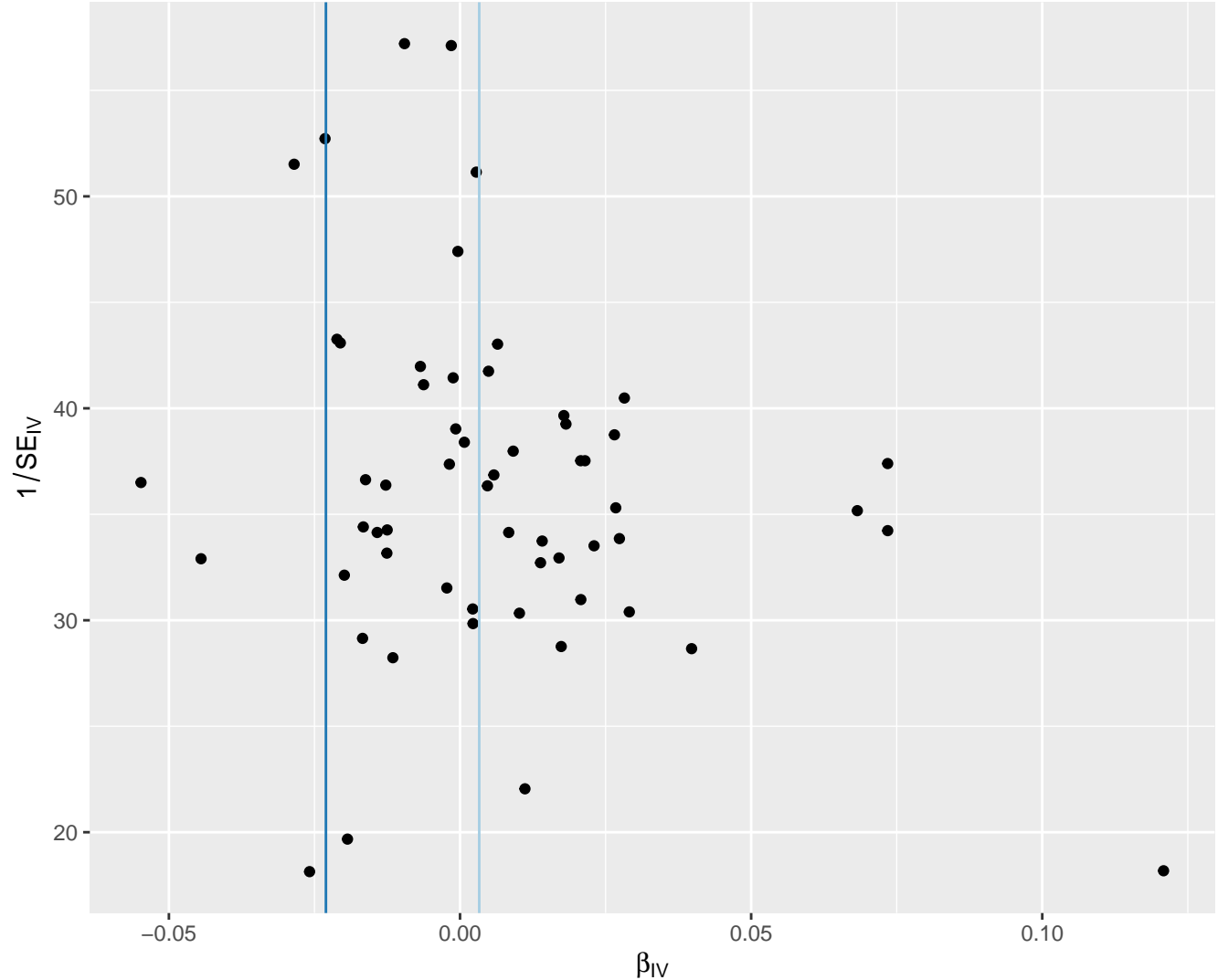
Oleate (18:1n9)

MR Method

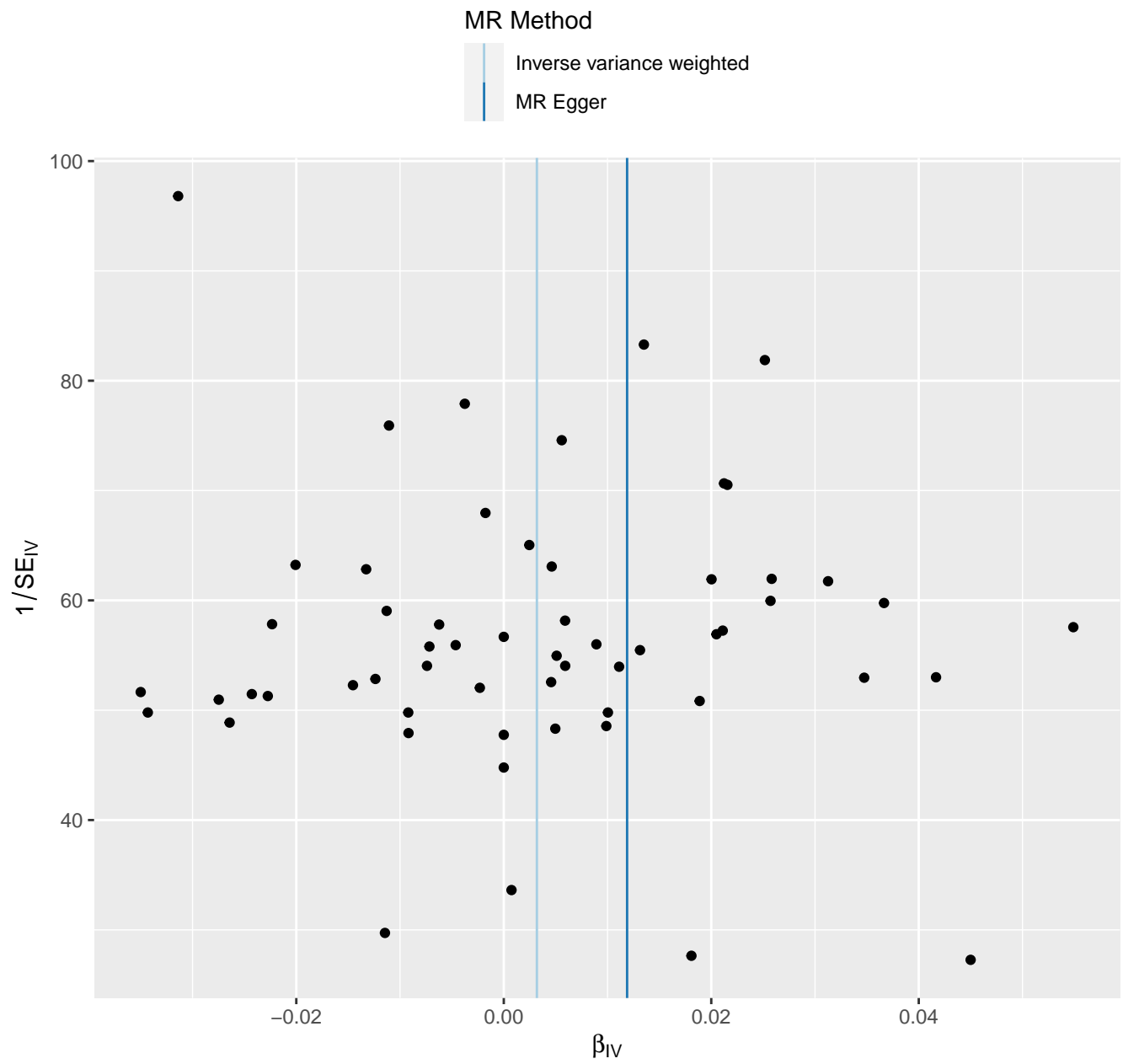


# Oleoylcarnitine

MR Method



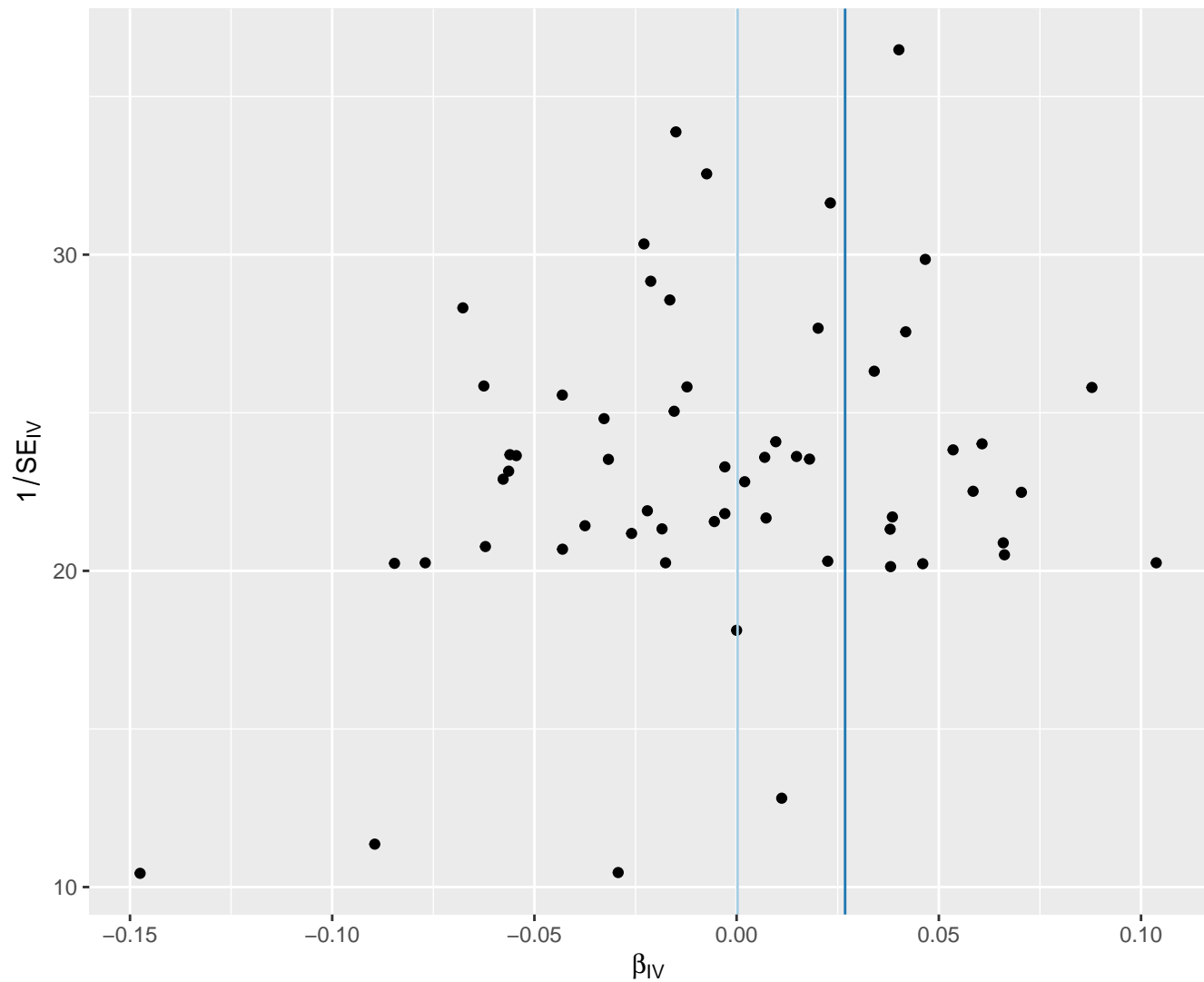
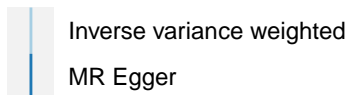
# Ornithine





# P-cresol sulfate

MR Method



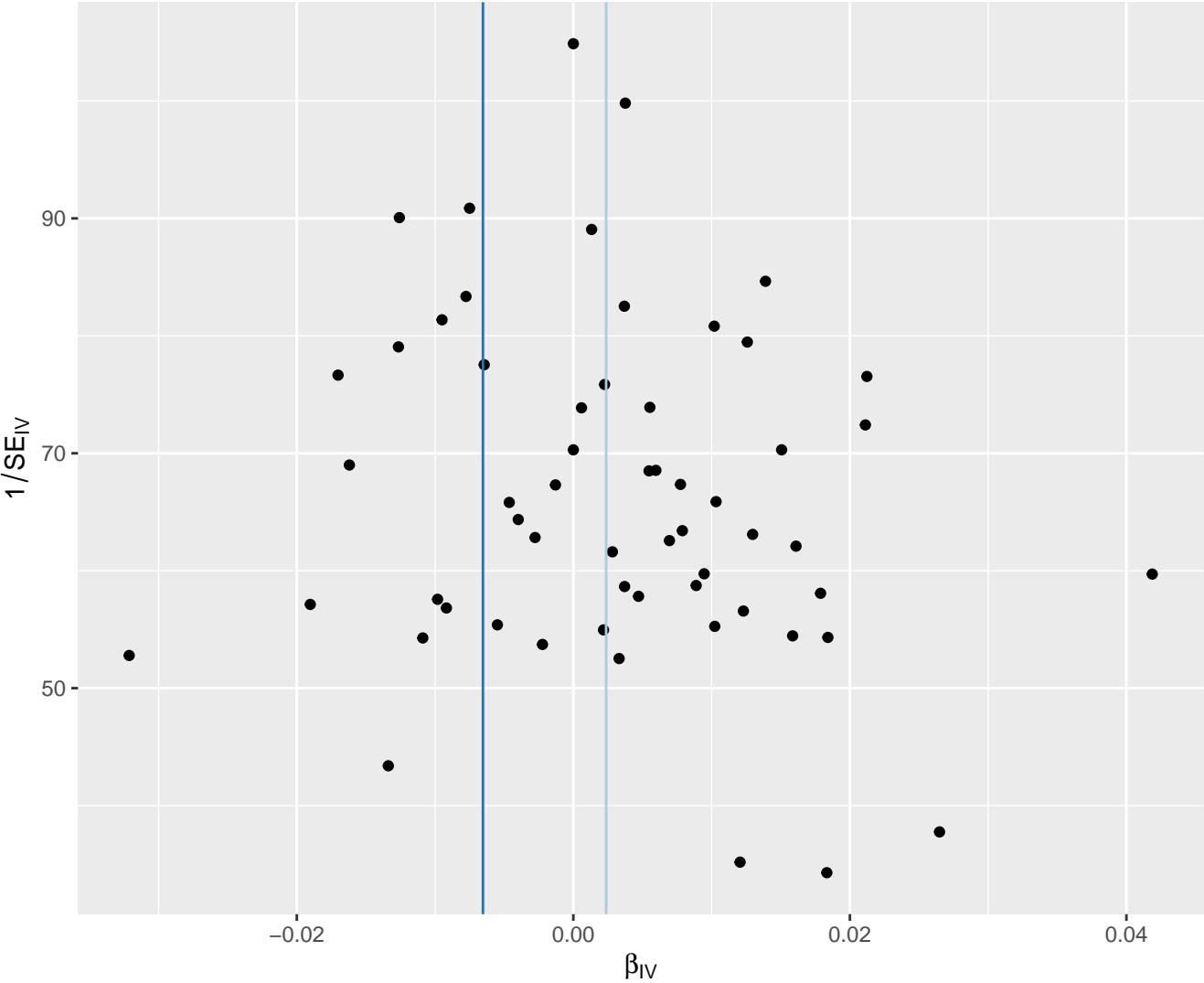
Palmitate (16:0)

MR Method

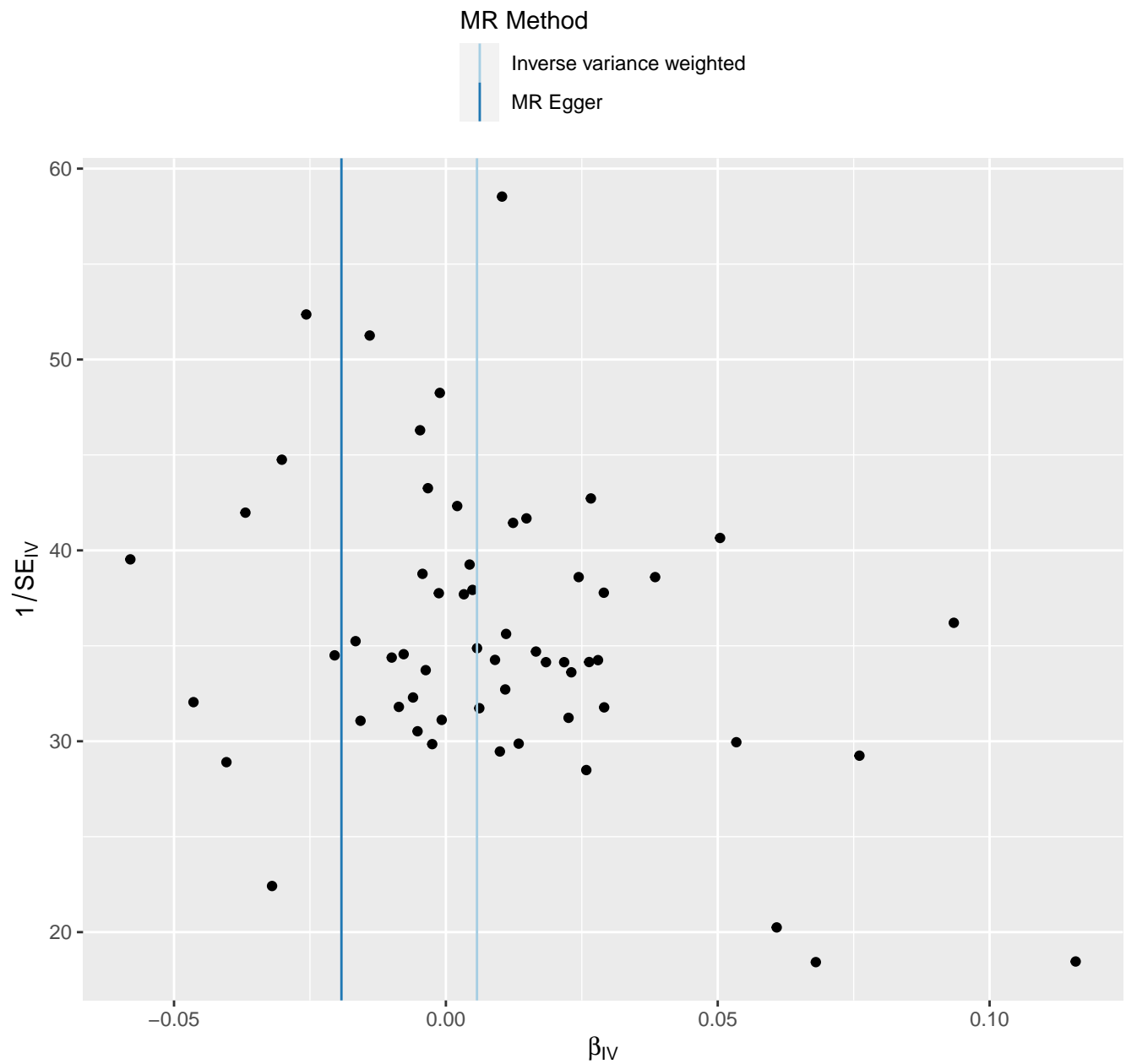


Inverse variance weighted

MR Egger

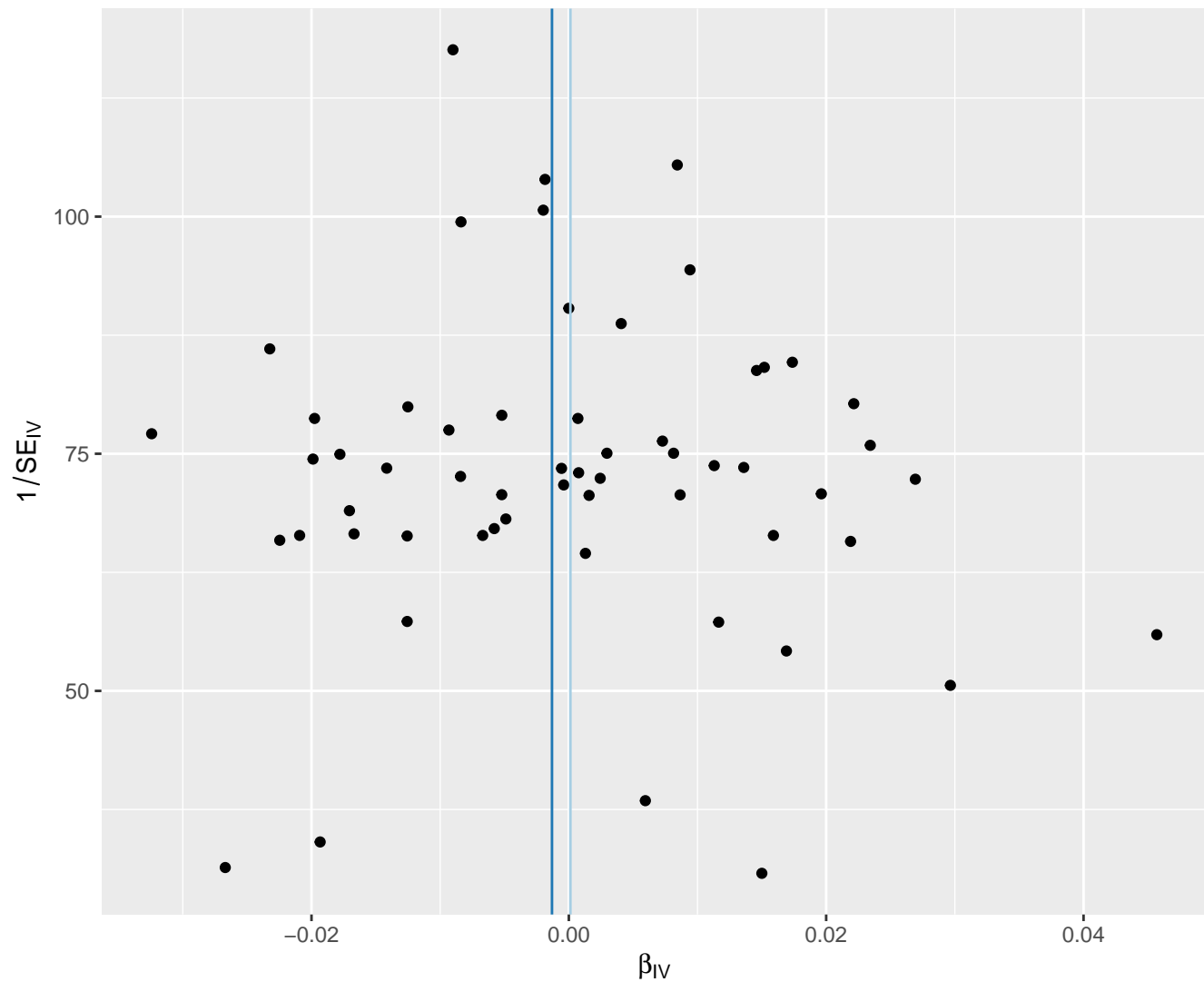
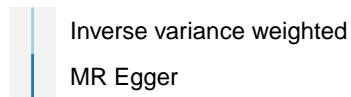


Palmitoleate (16:1n7)



# Palmitoyl sphingomyelin

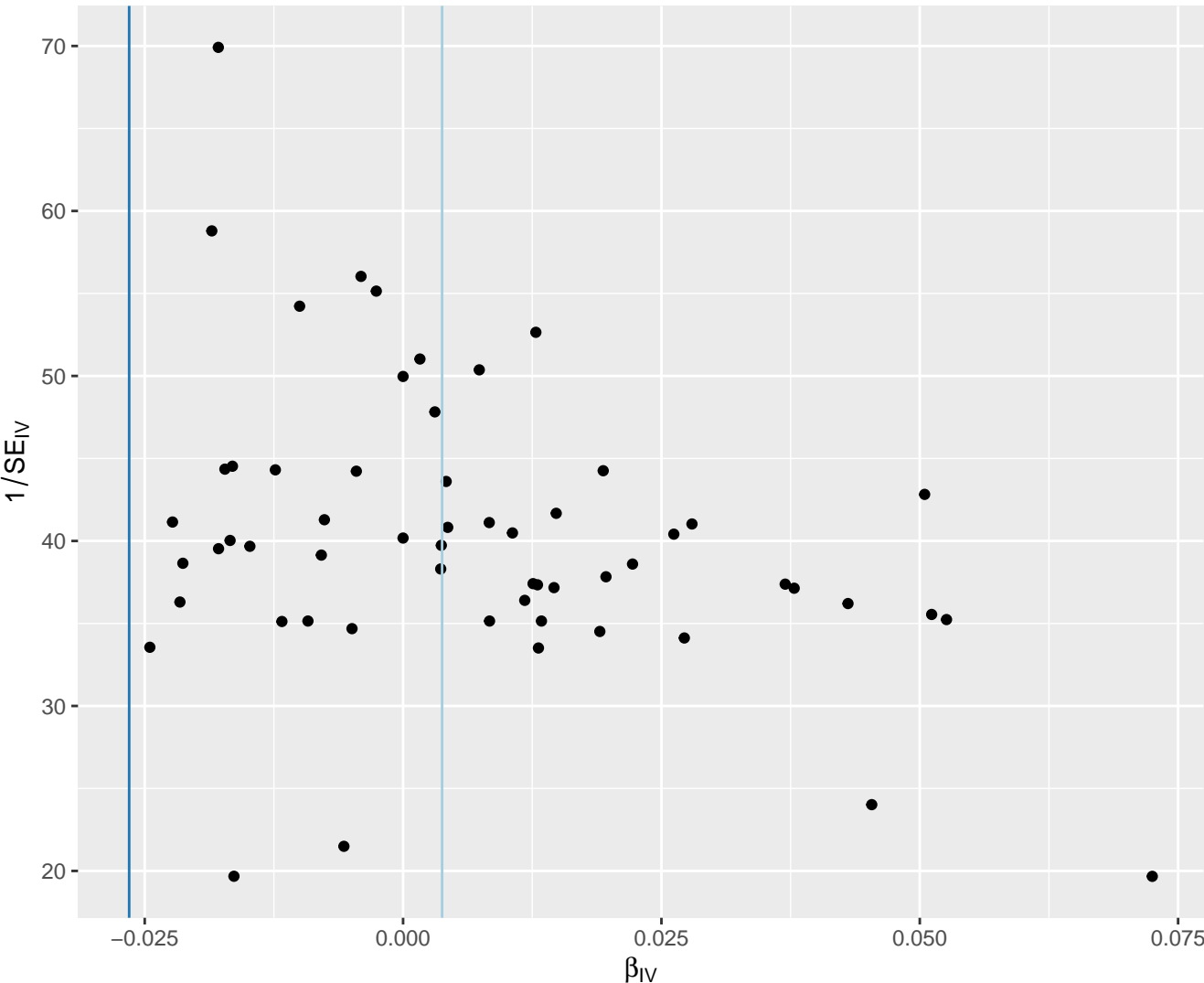
MR Method



# Palmitoylcarnitine

MR Method

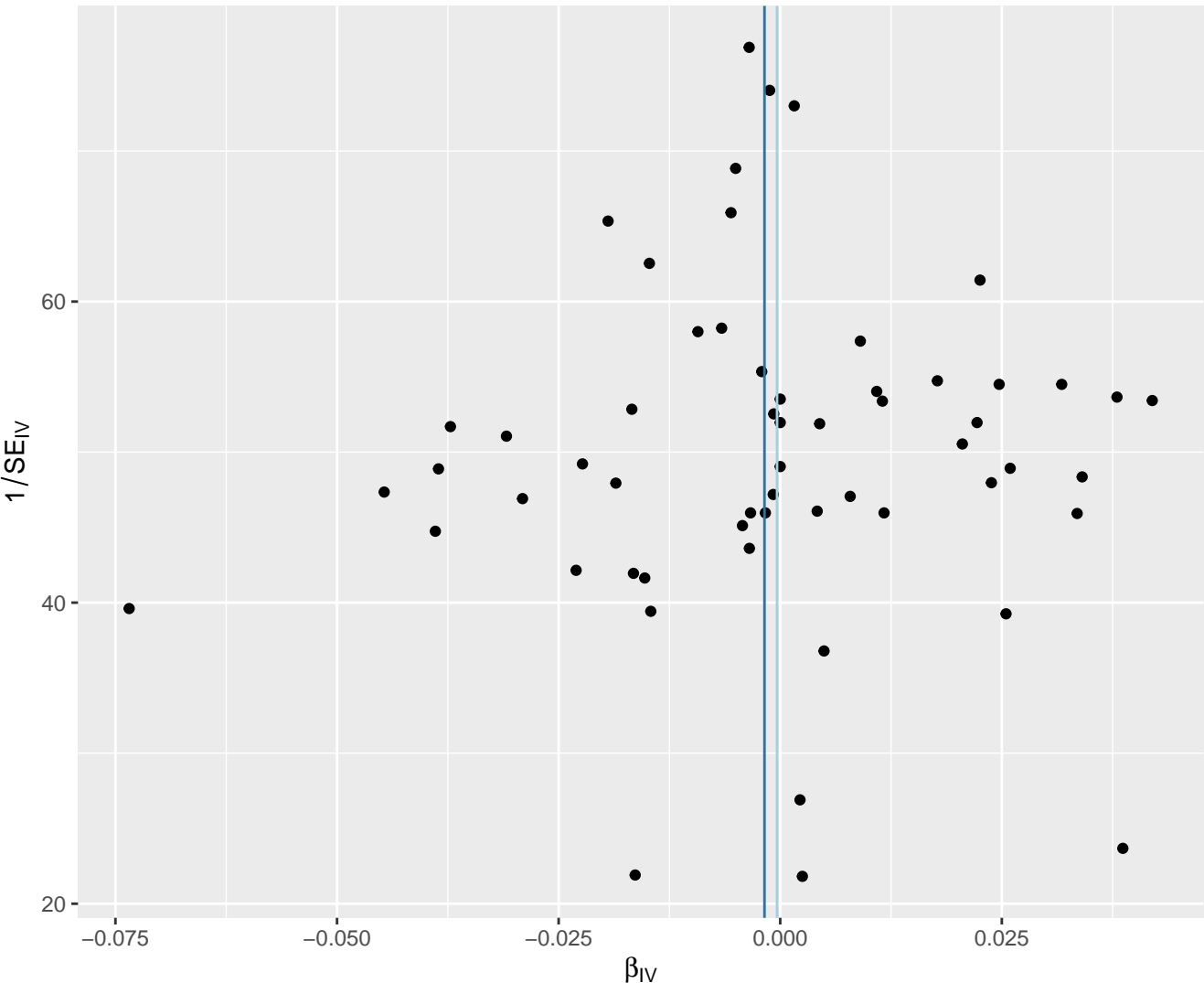
- Inverse variance weighted
- MR Egger



# Pantothenate

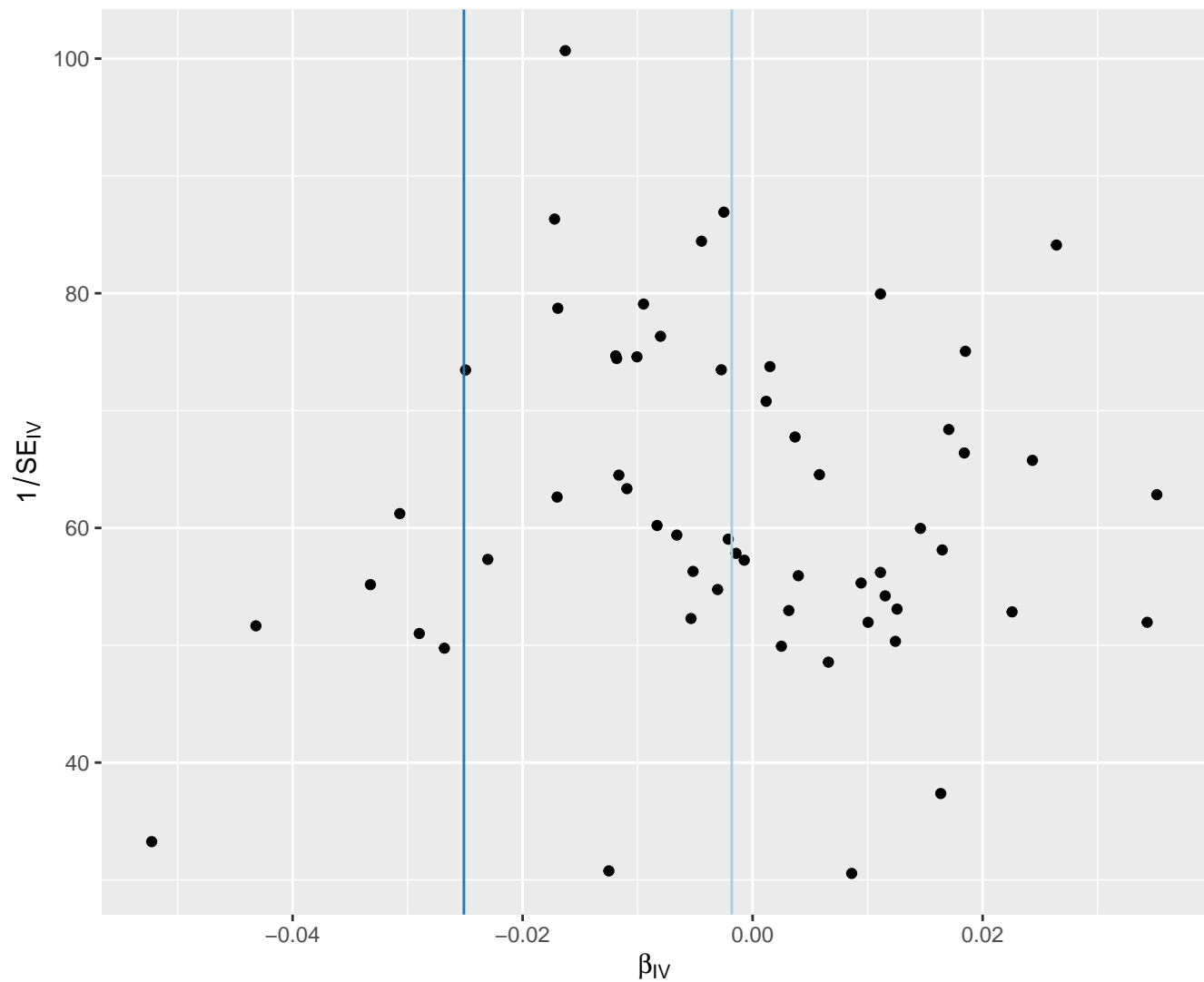
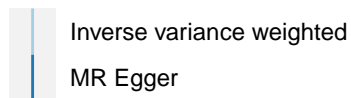
MR Method

- Inverse variance weighted
- MR Egger



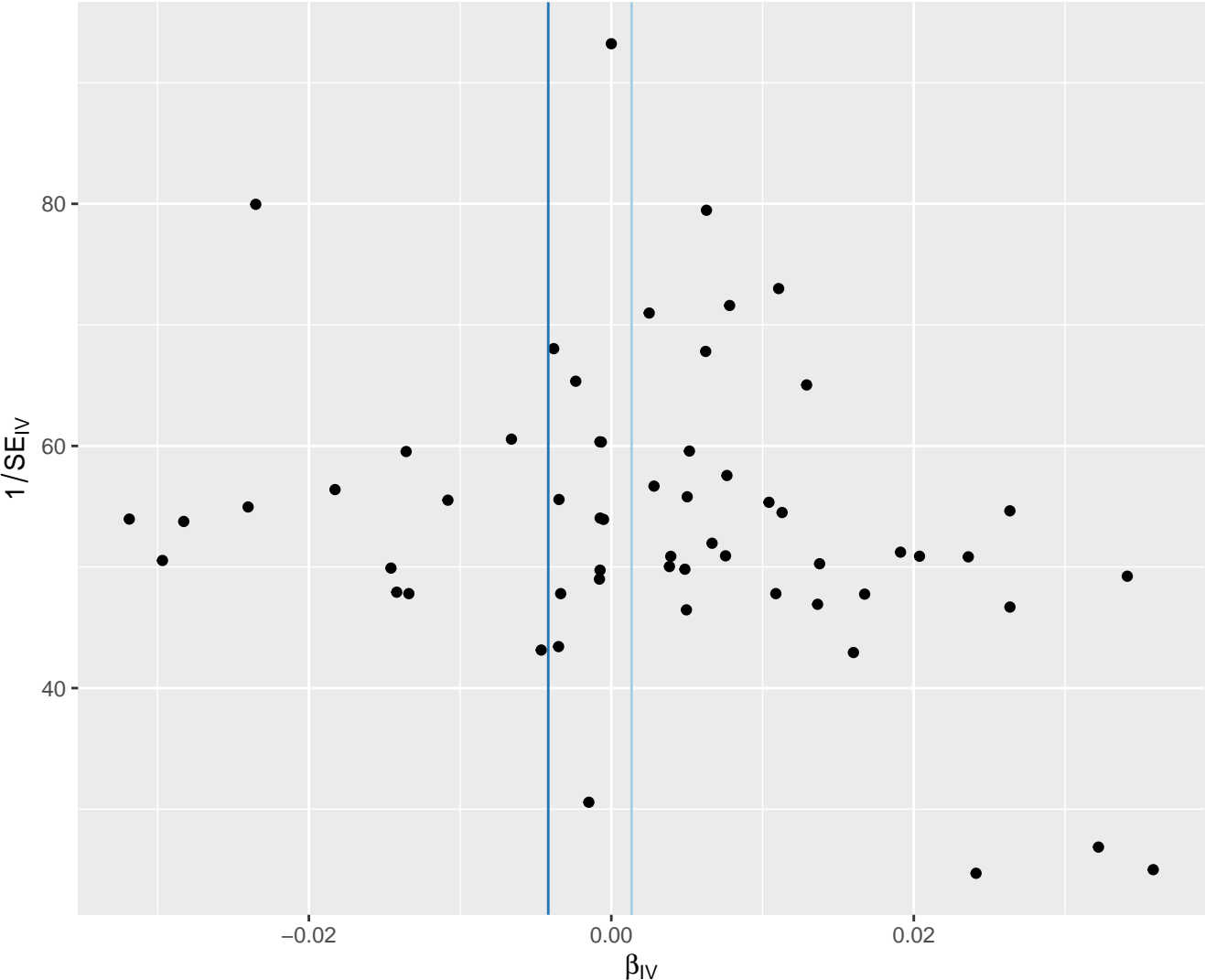
# Pelargonate (9:0)

MR Method



Pentadecanoate (15:0)

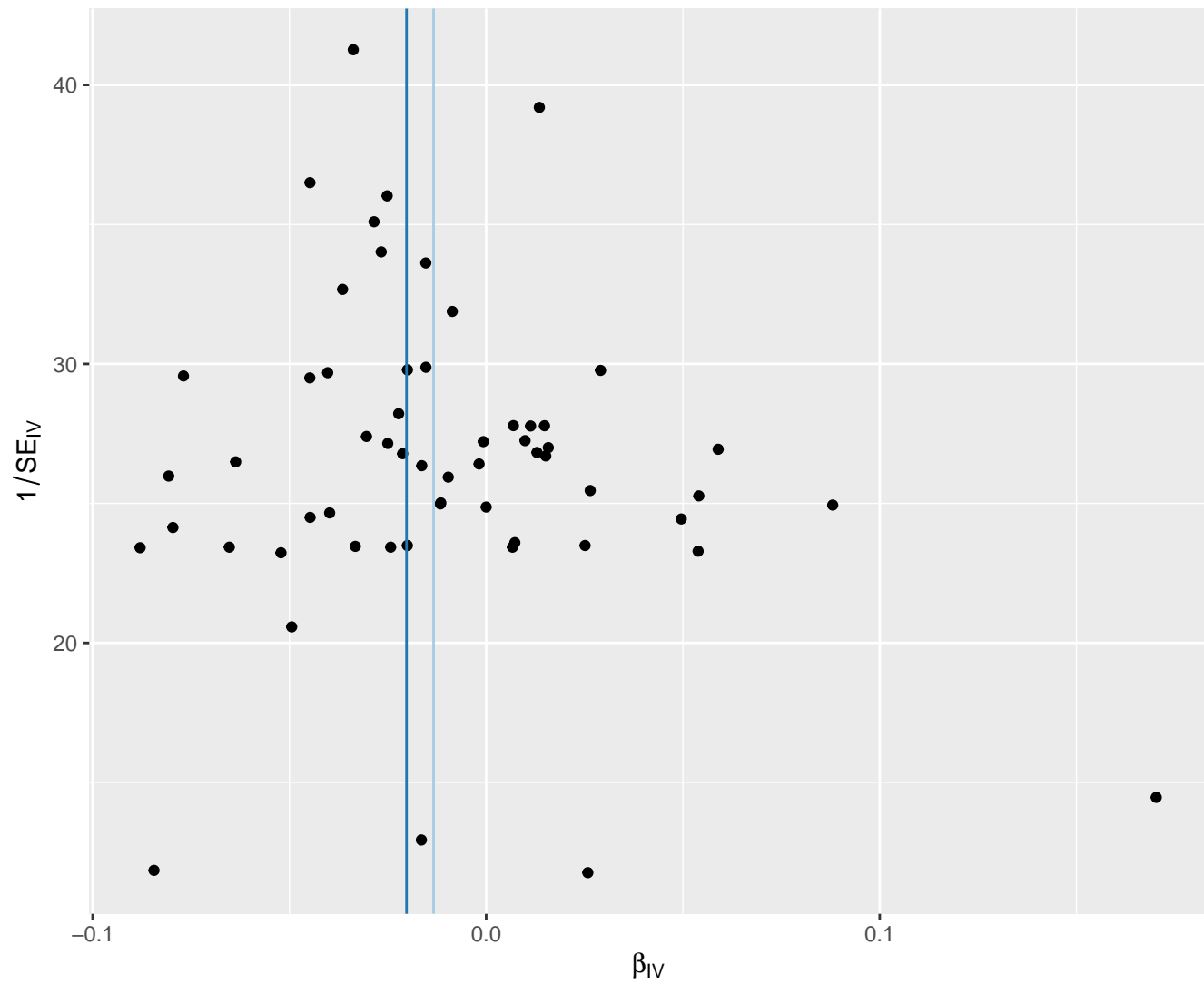
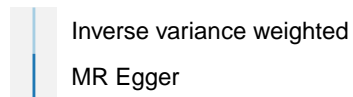
MR Method





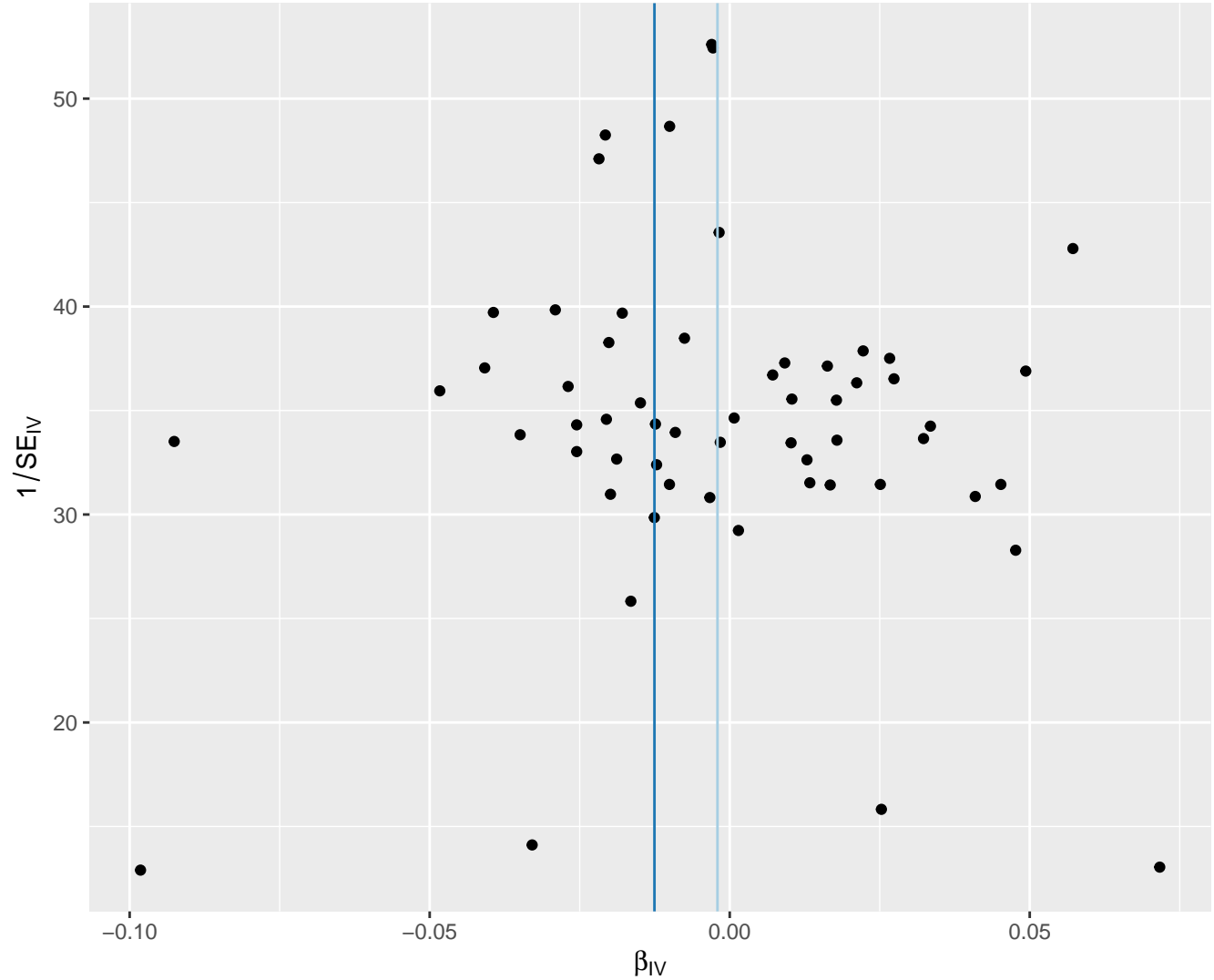
# Phenol sulfate

MR Method



# Phenylacetate

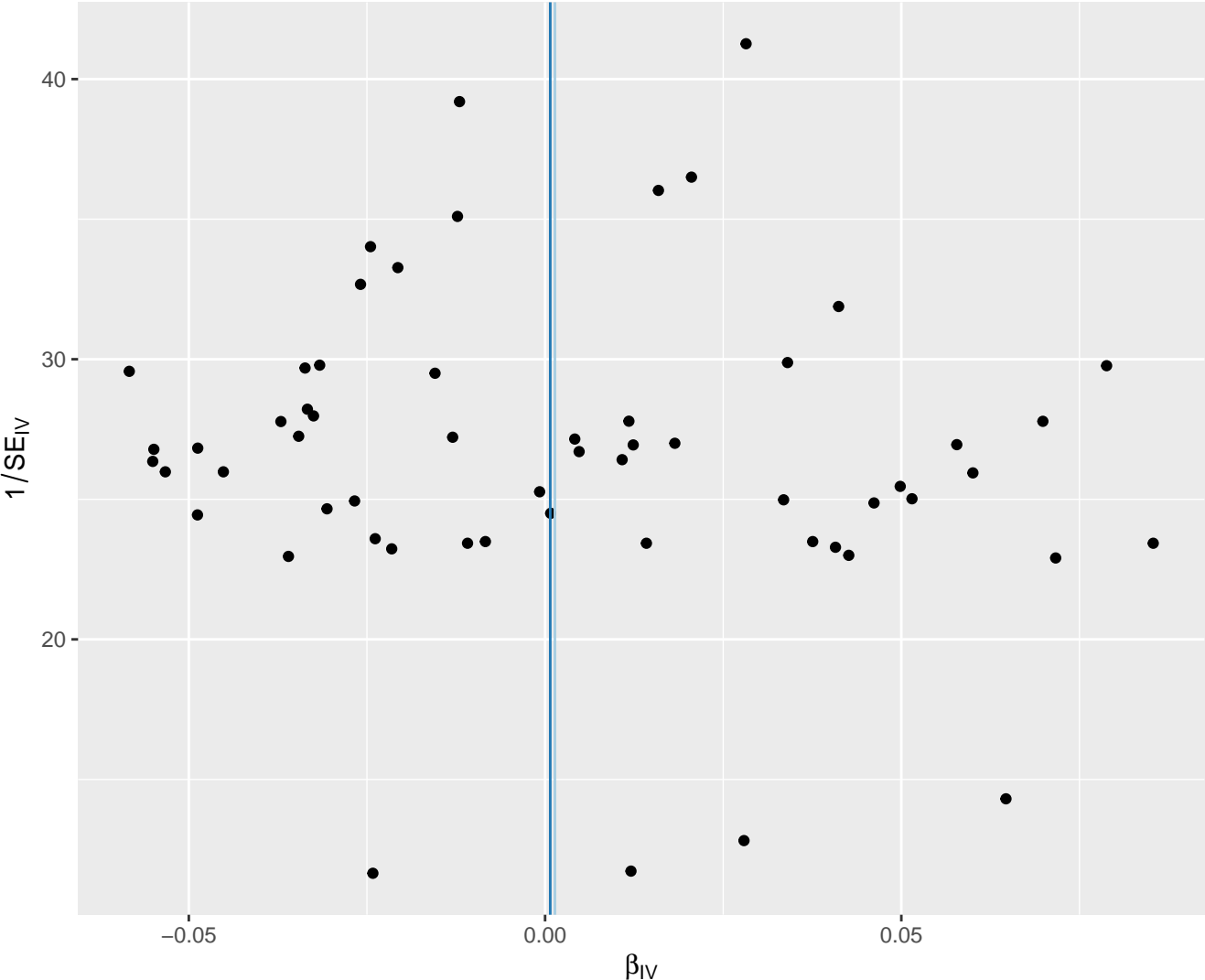
MR Method



# Phenylacetylglutamine

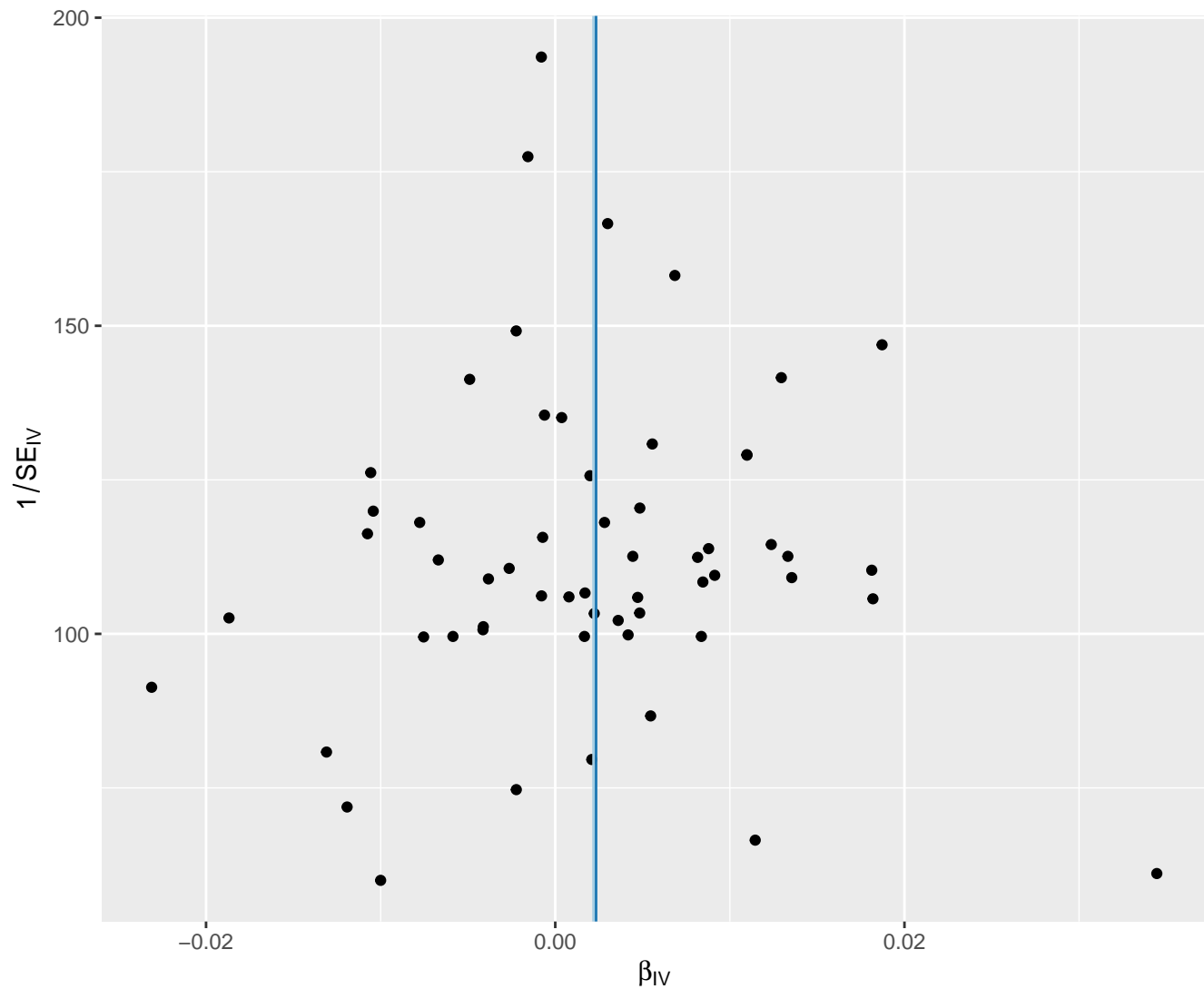
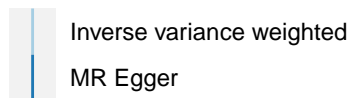
MR Method

- Inverse variance weighted
- MR Egger



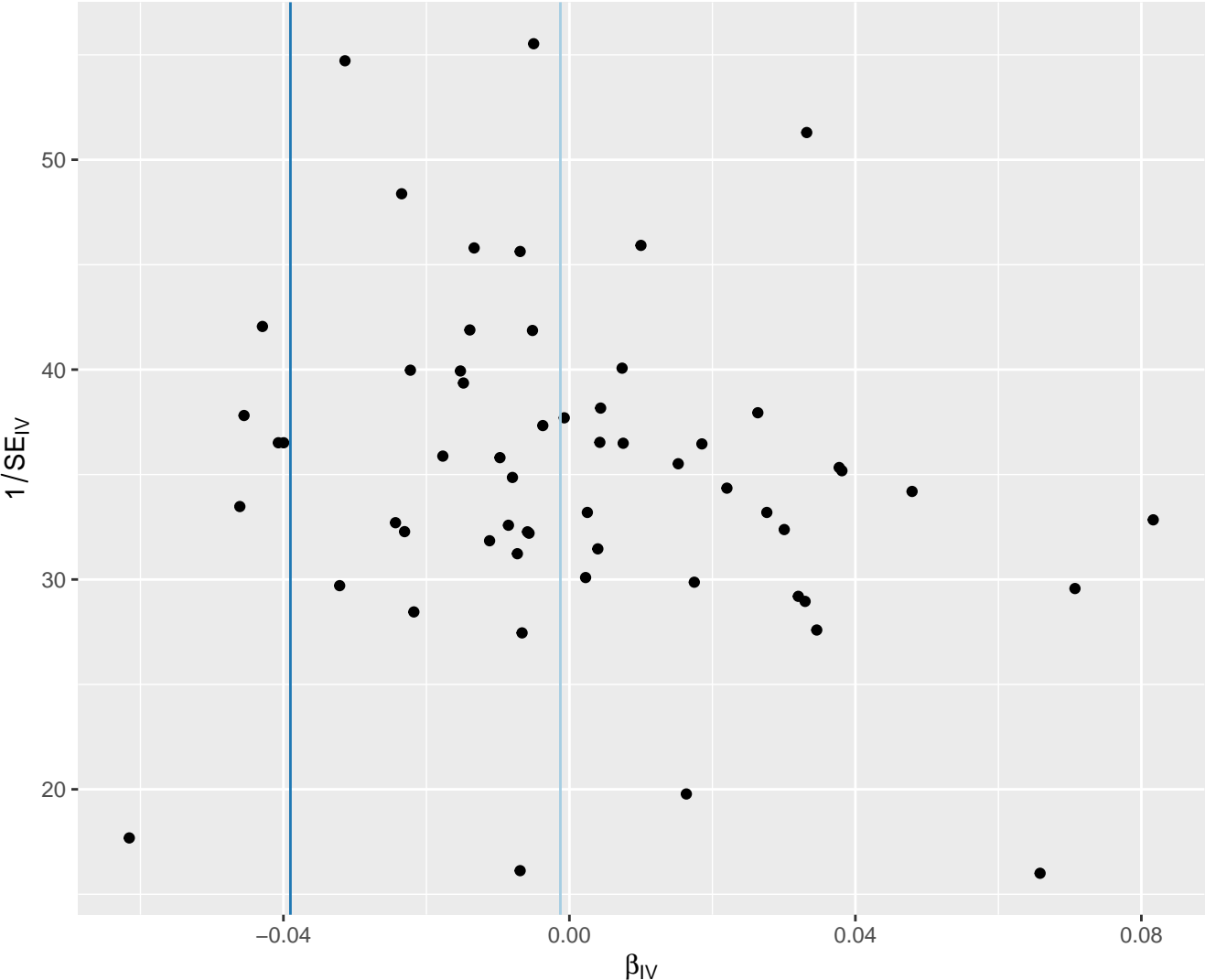
# Phenylalanine

MR Method



# Phenylalanylphenylalanine

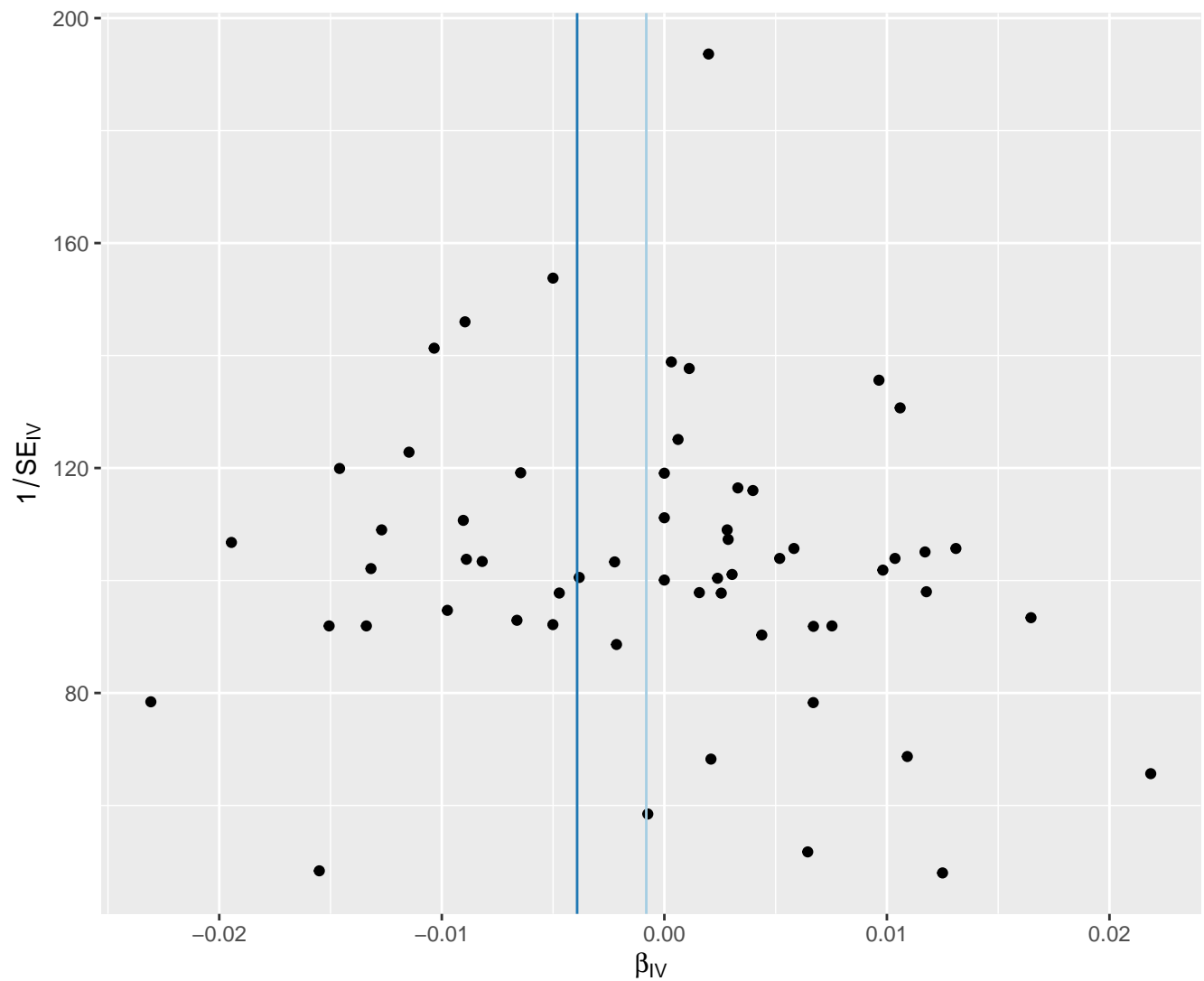
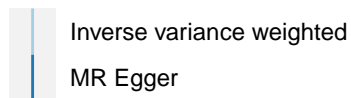
MR Method





# Phosphate

MR Method



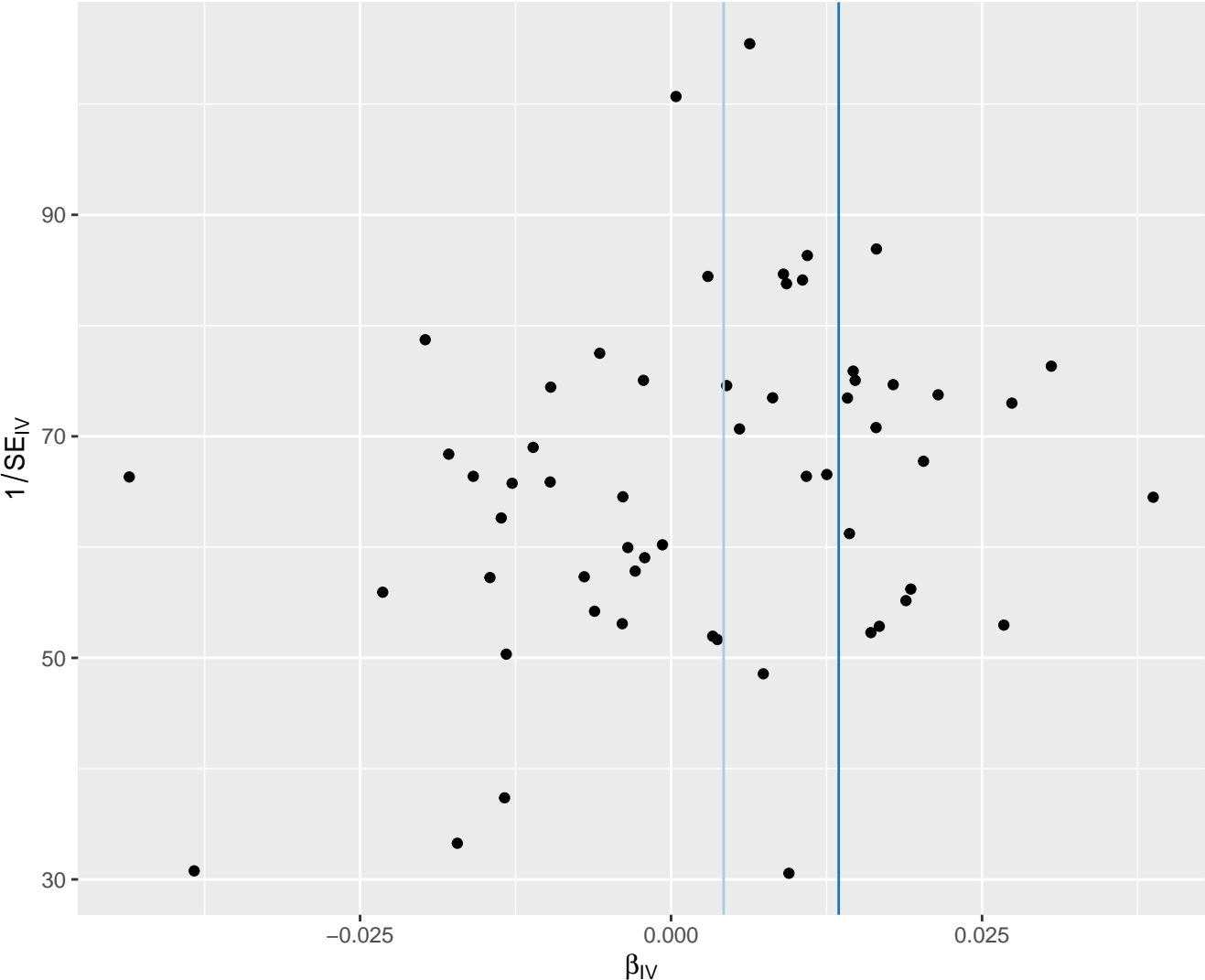






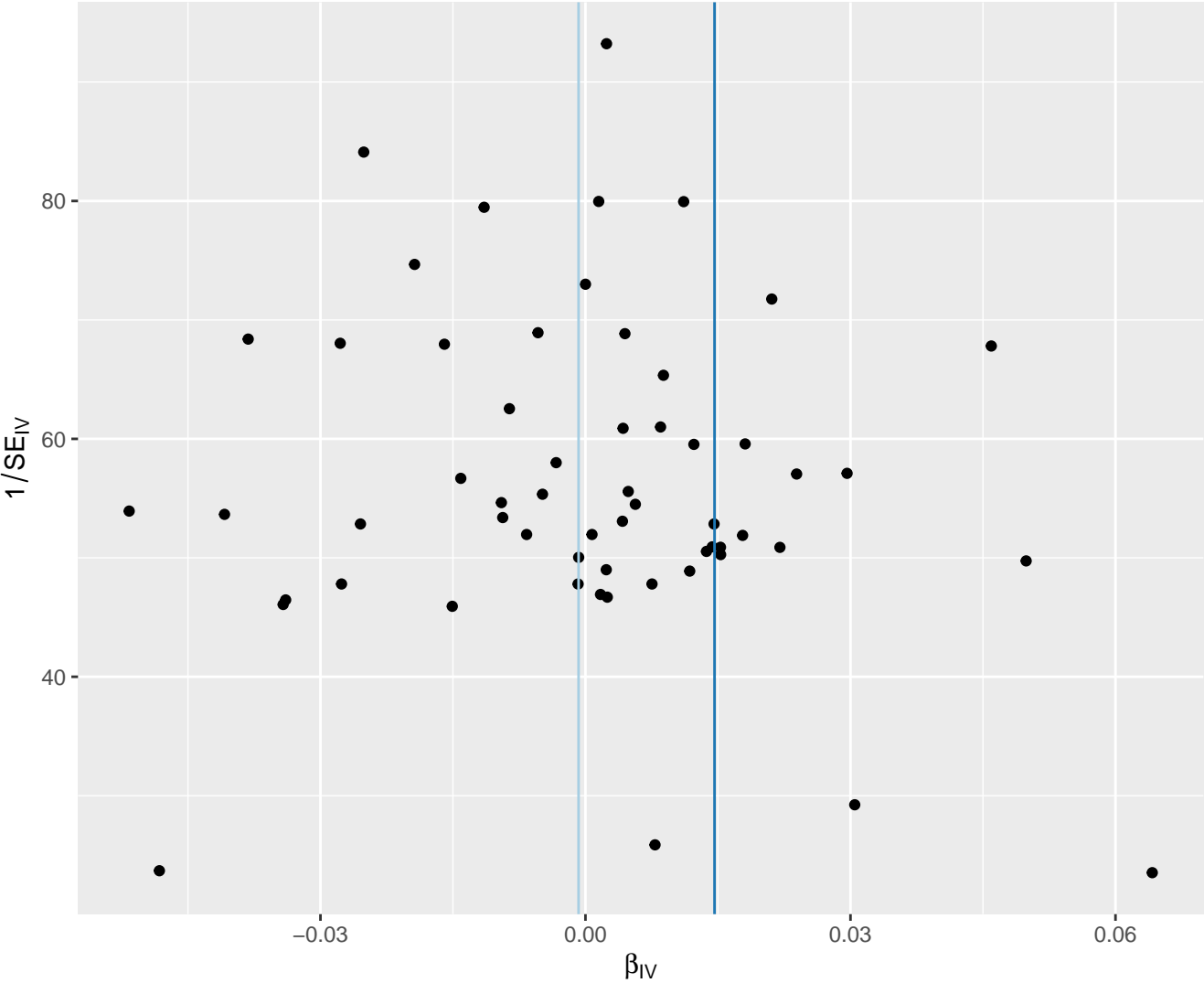
Proline

MR Method



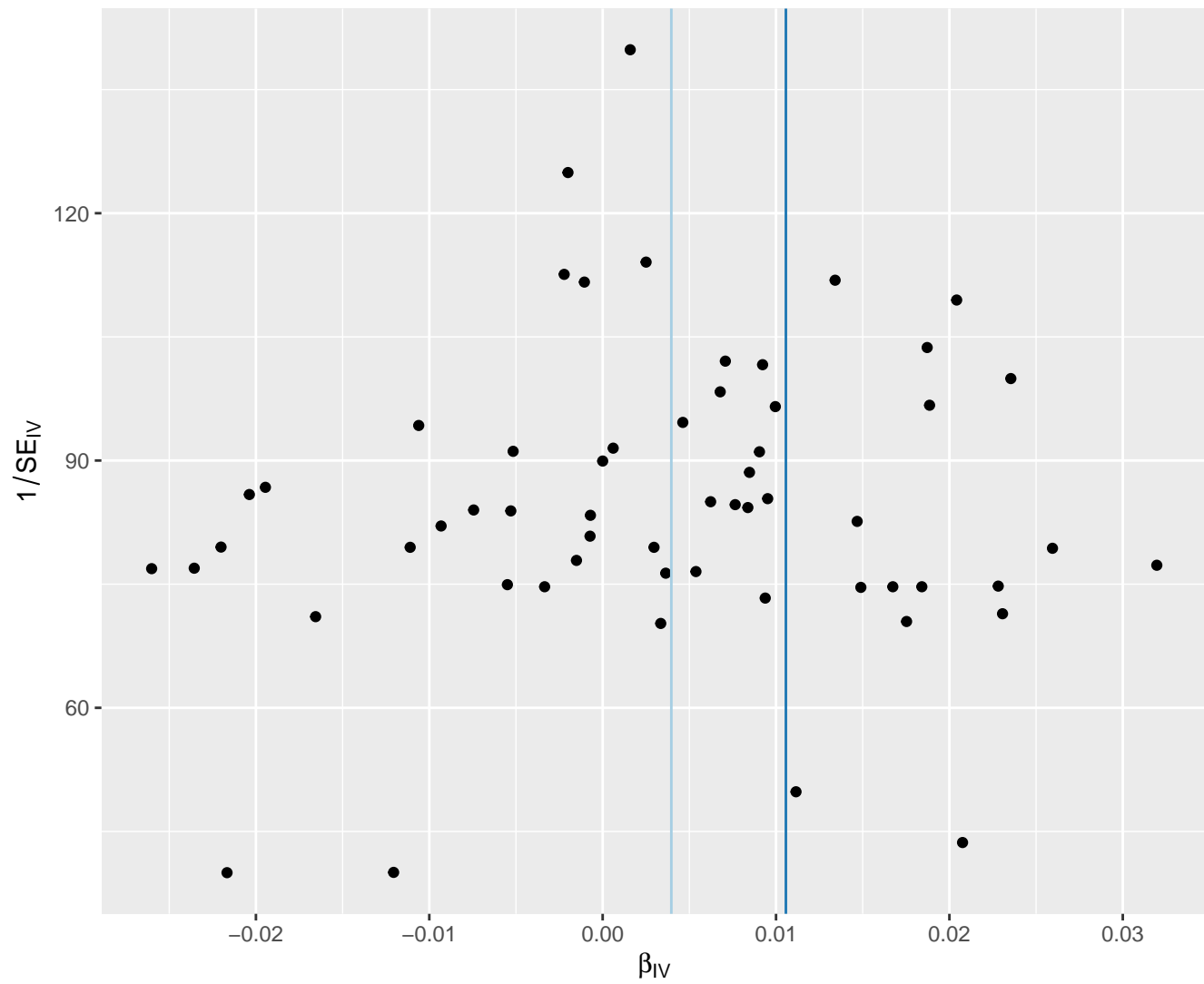
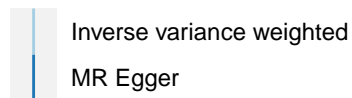
# Propionylcarnitine

MR Method

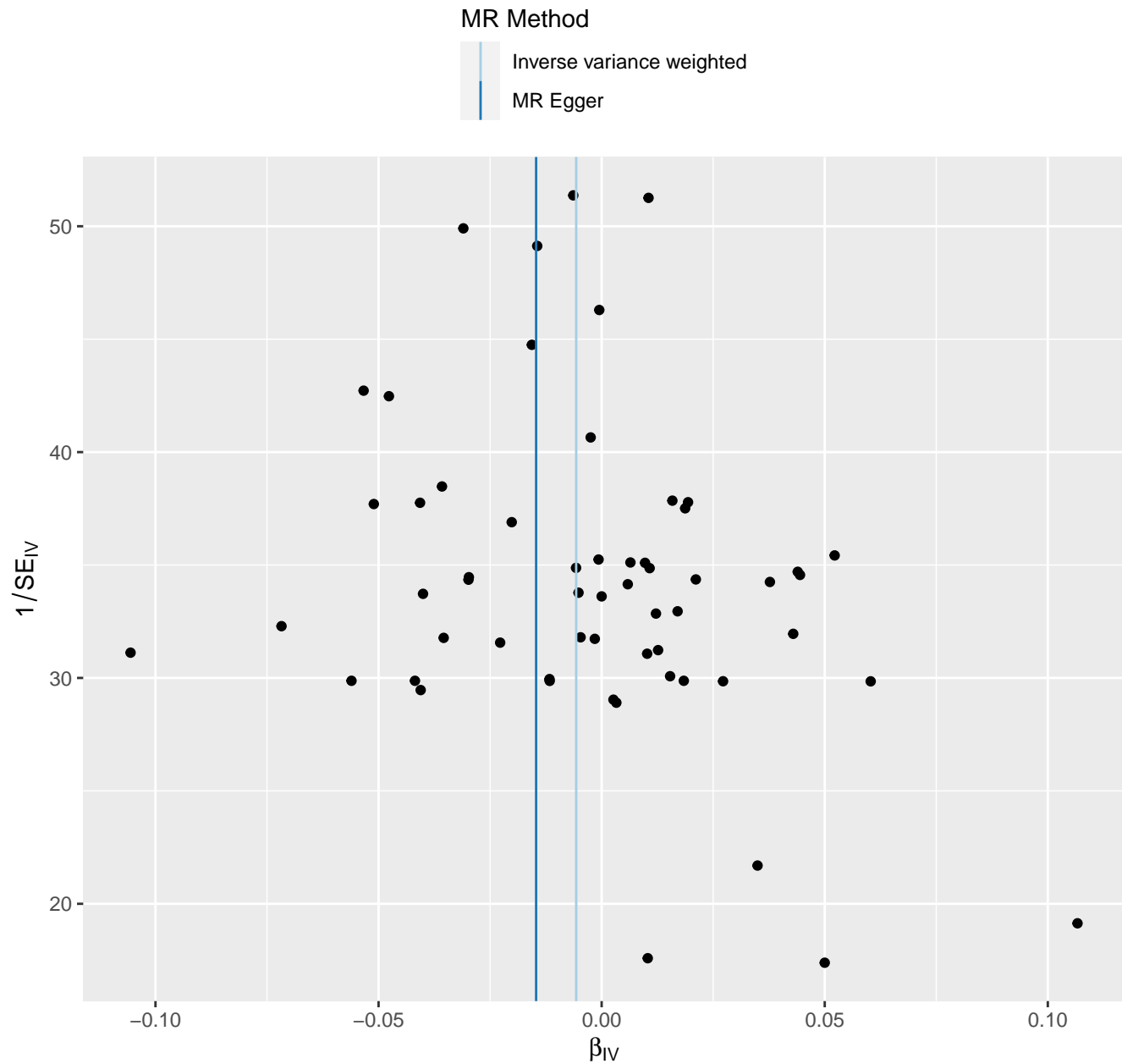


# Pseudouridine

MR Method



# Pyridoxate



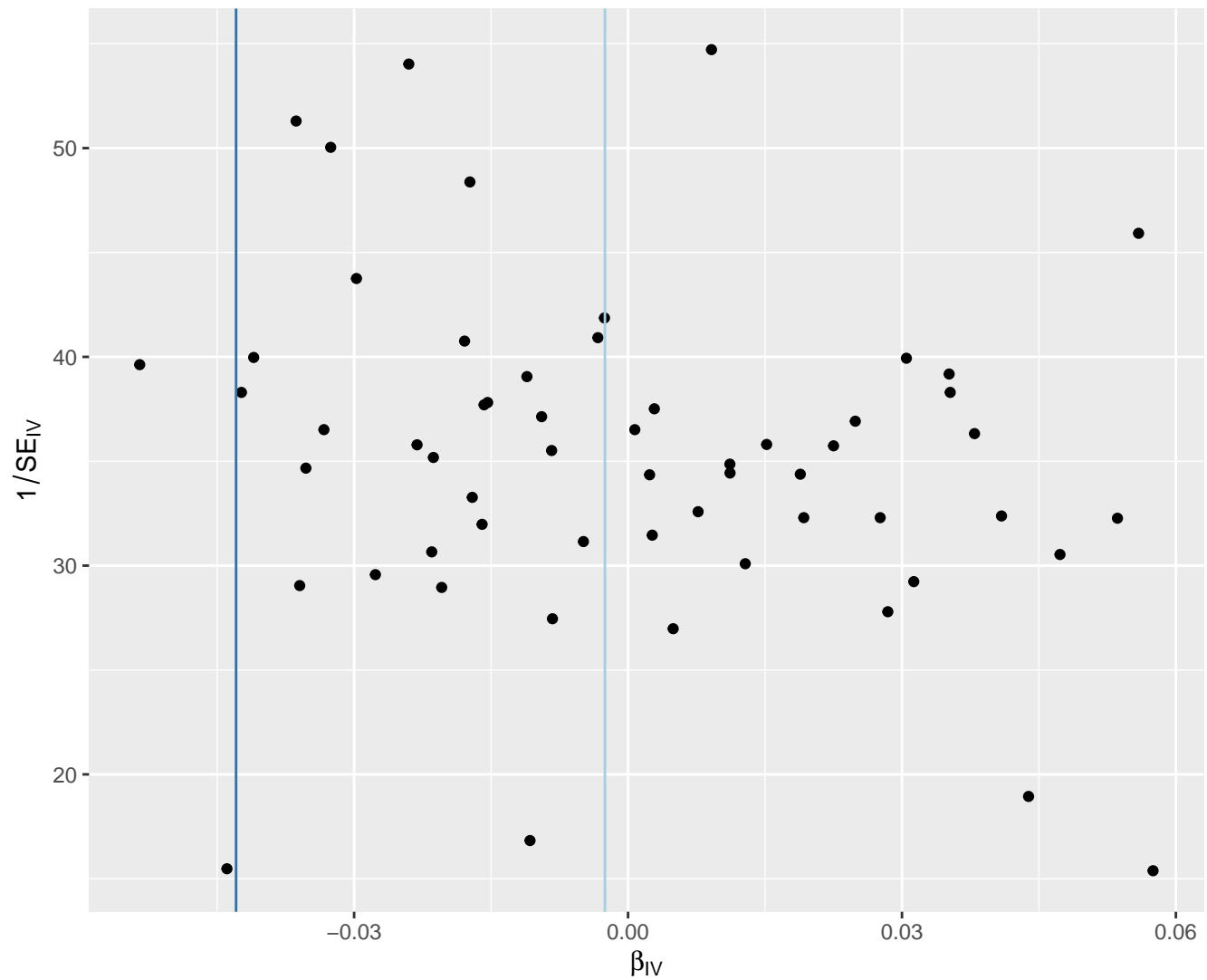
# Pyroglutamine\*

MR Method



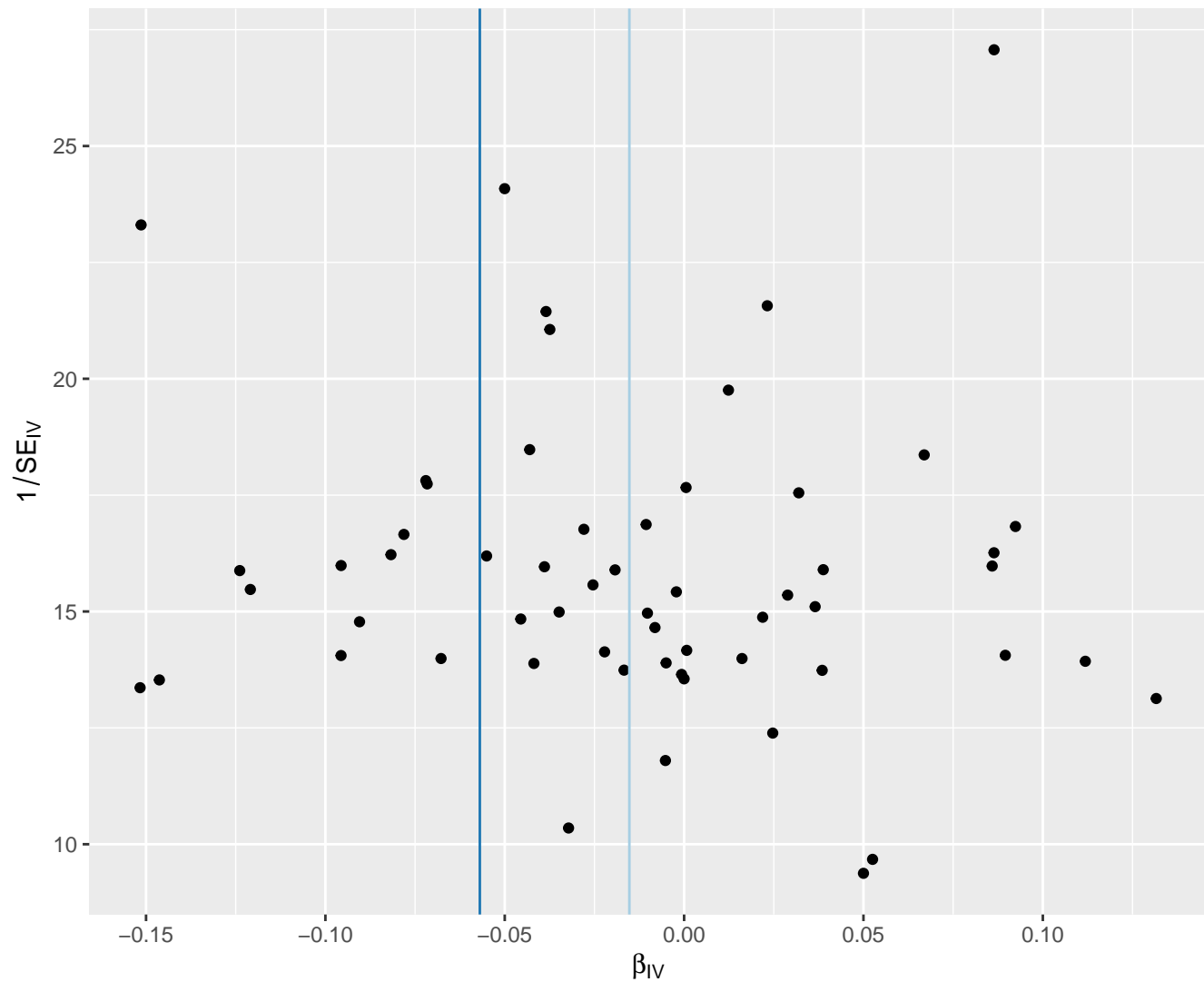
Inverse variance weighted

MR Egger



# Pyroglutamyglycine

MR Method



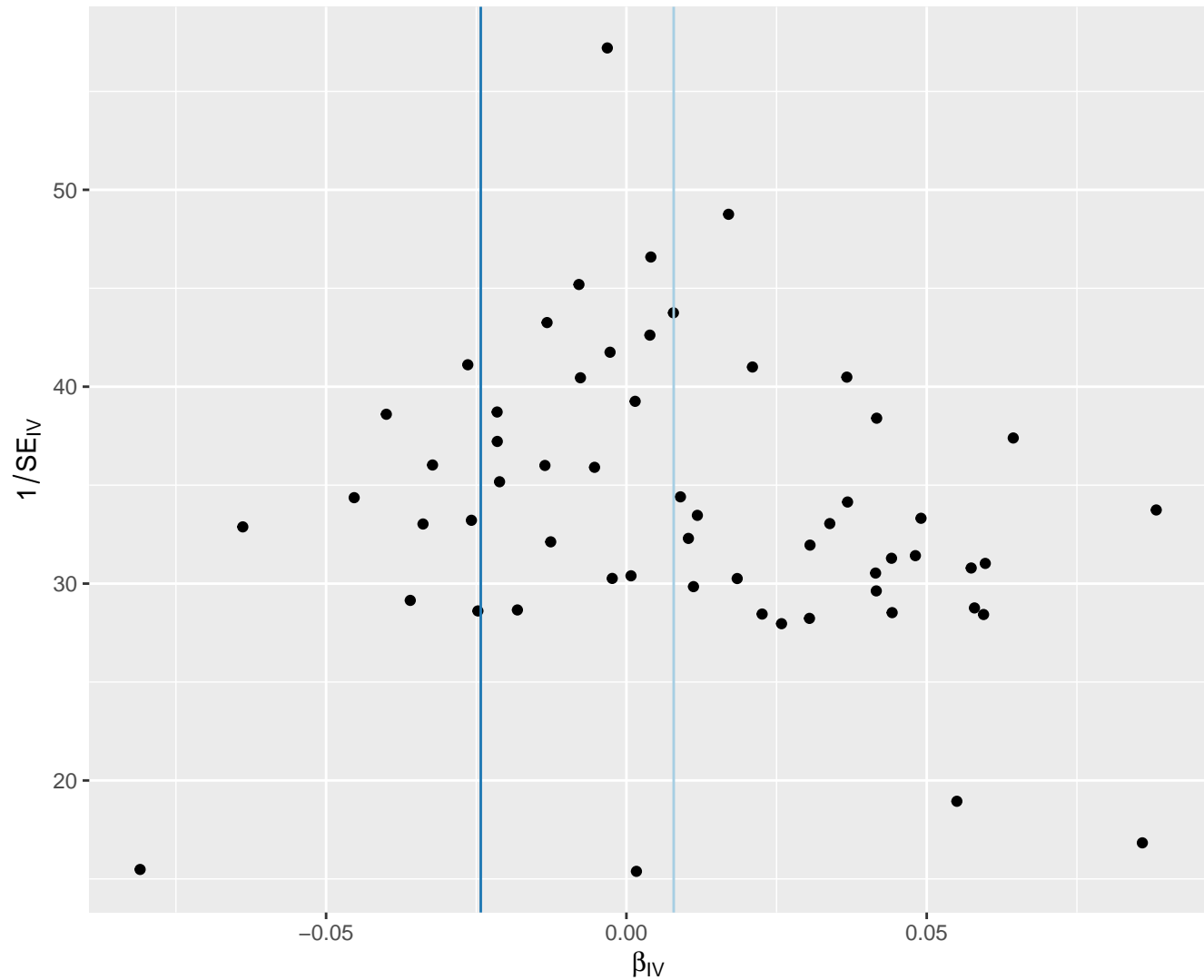
# Pyruvate

MR Method



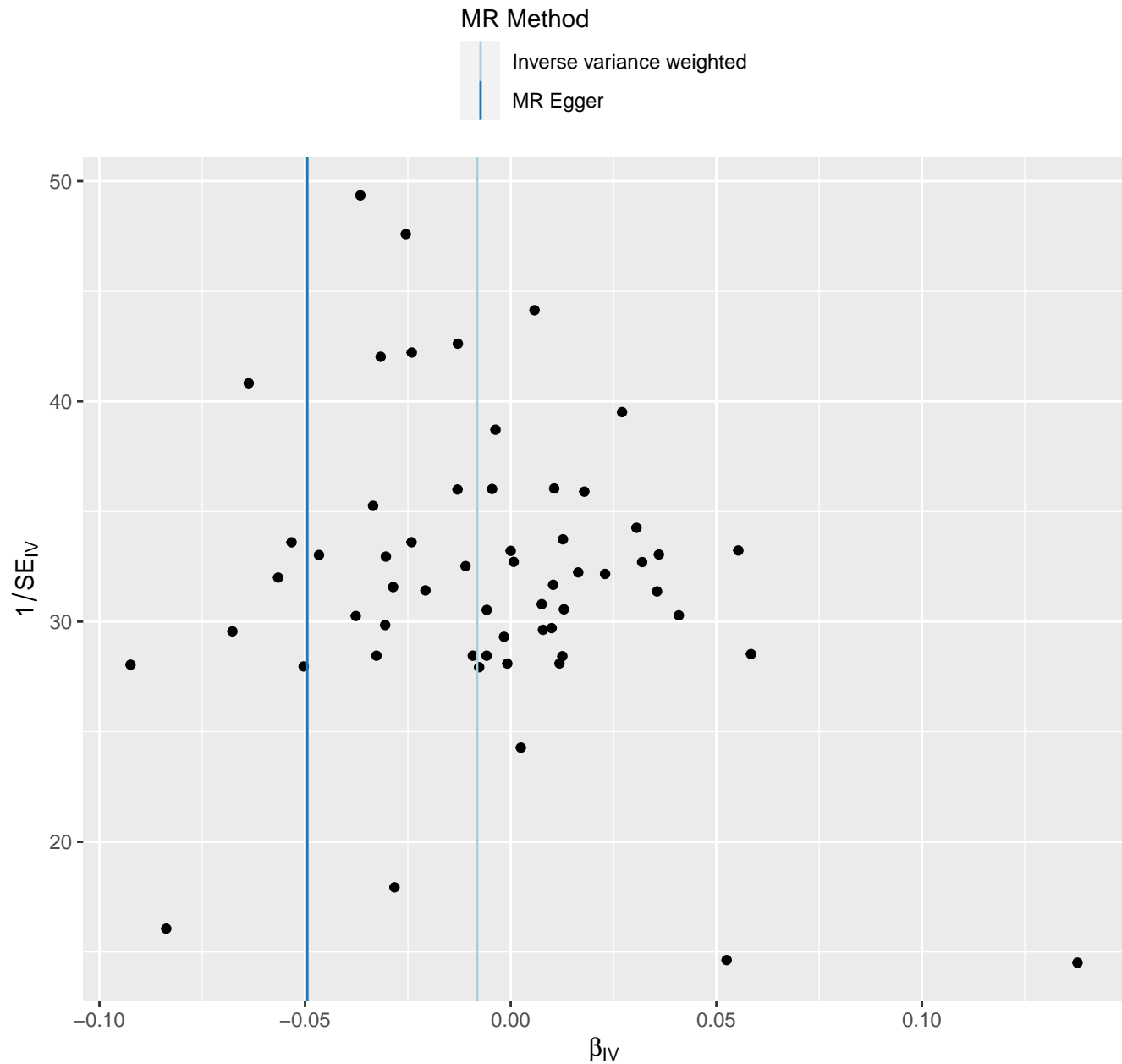
Inverse variance weighted

MR Egger



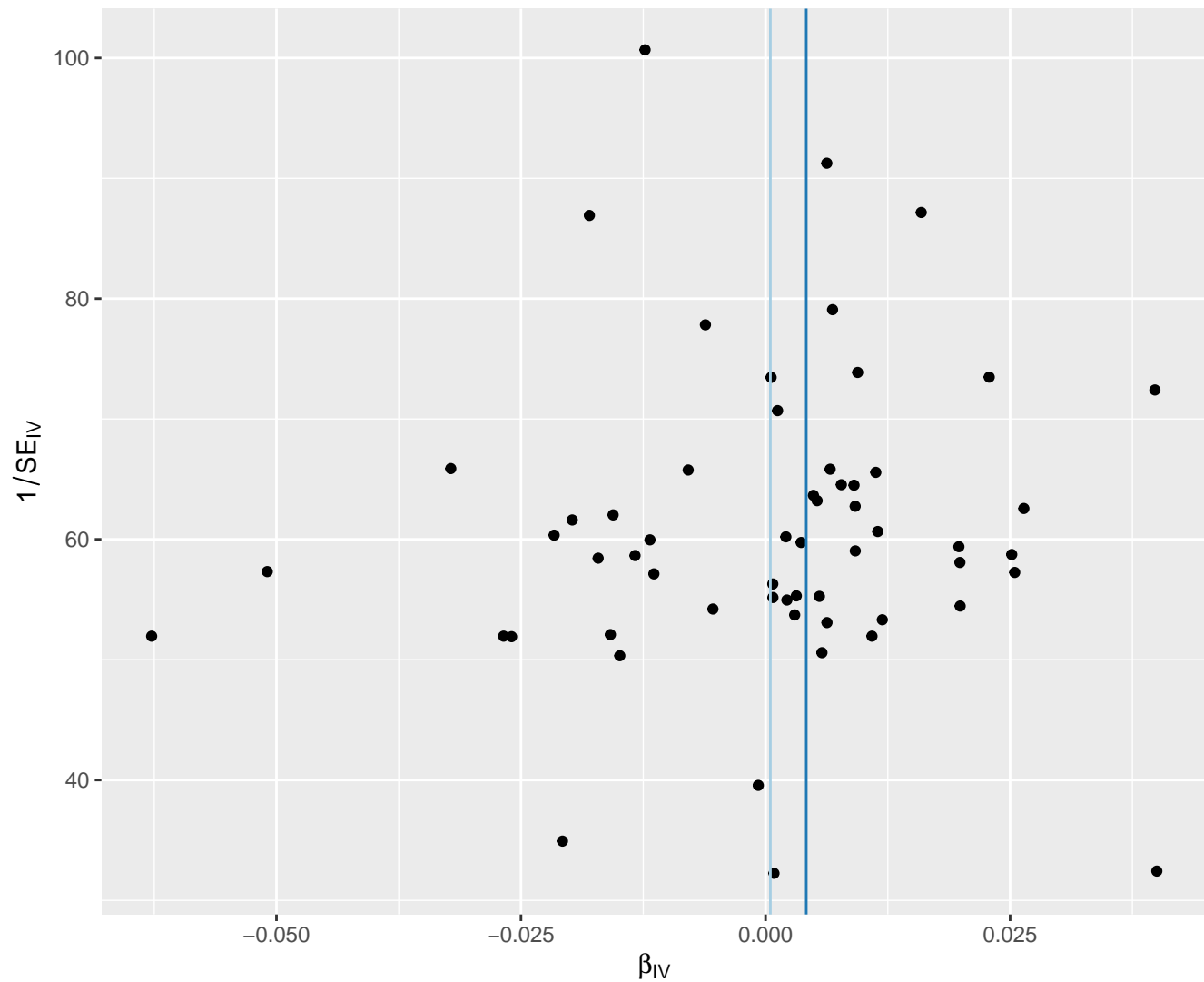
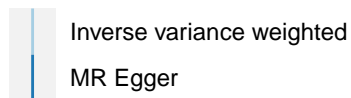


# Scyllo-inositol



# Serine

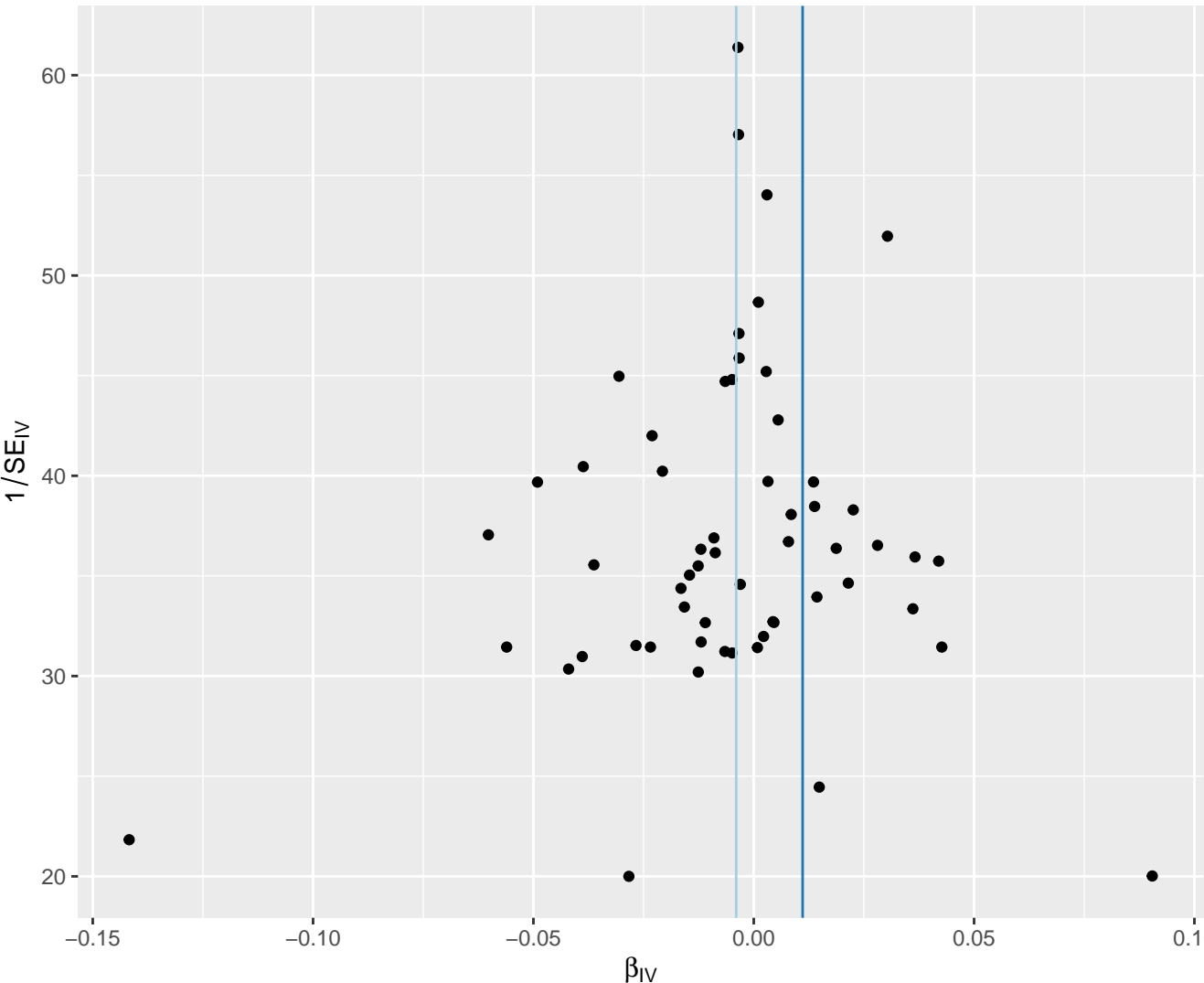
## MR Method



# Serotonin (5HT)

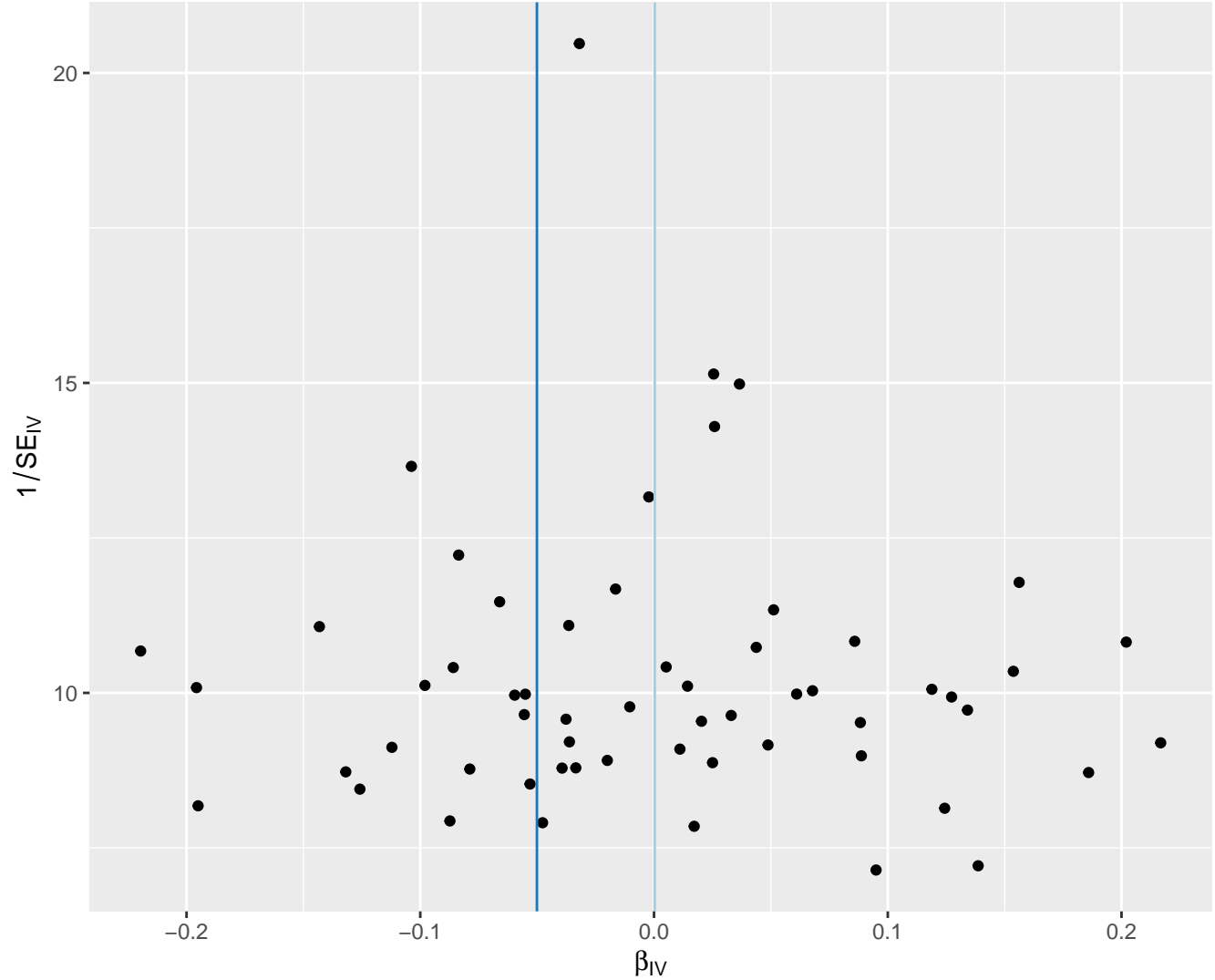
MR Method

- Inverse variance weighted
- MR Egger



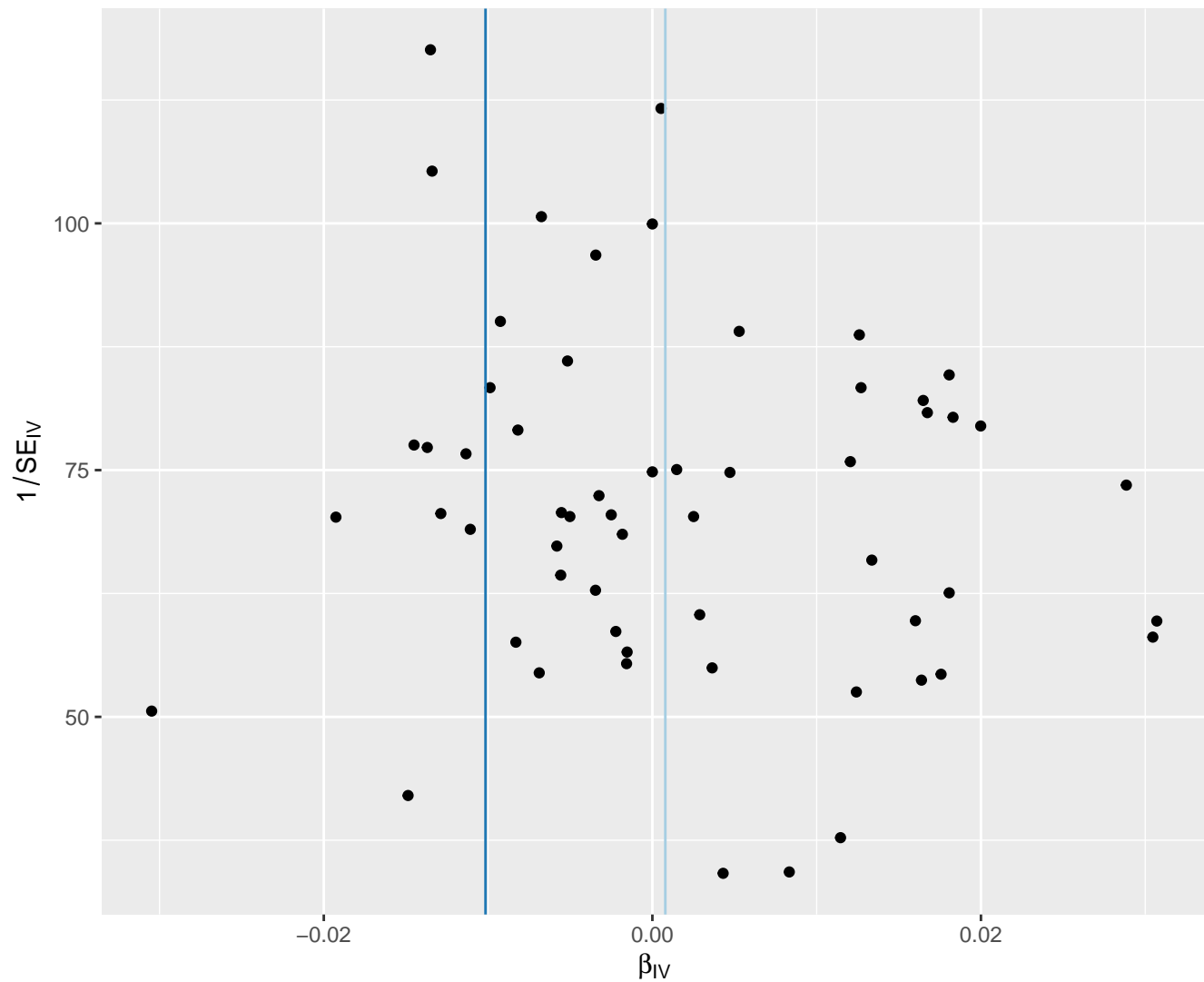
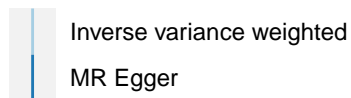
# Stachydrine

MR Method

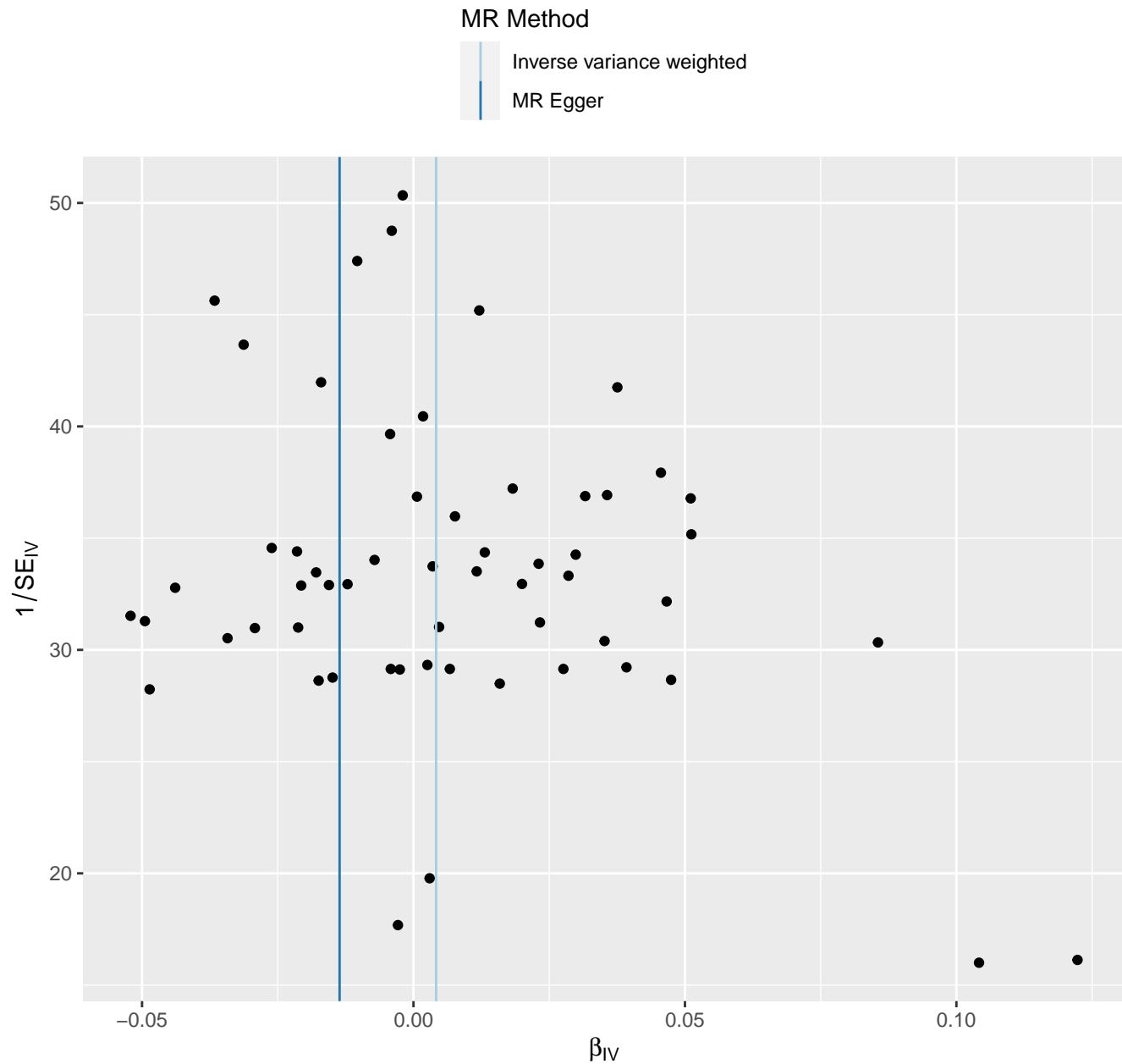


# Stearate (18:0)

MR Method

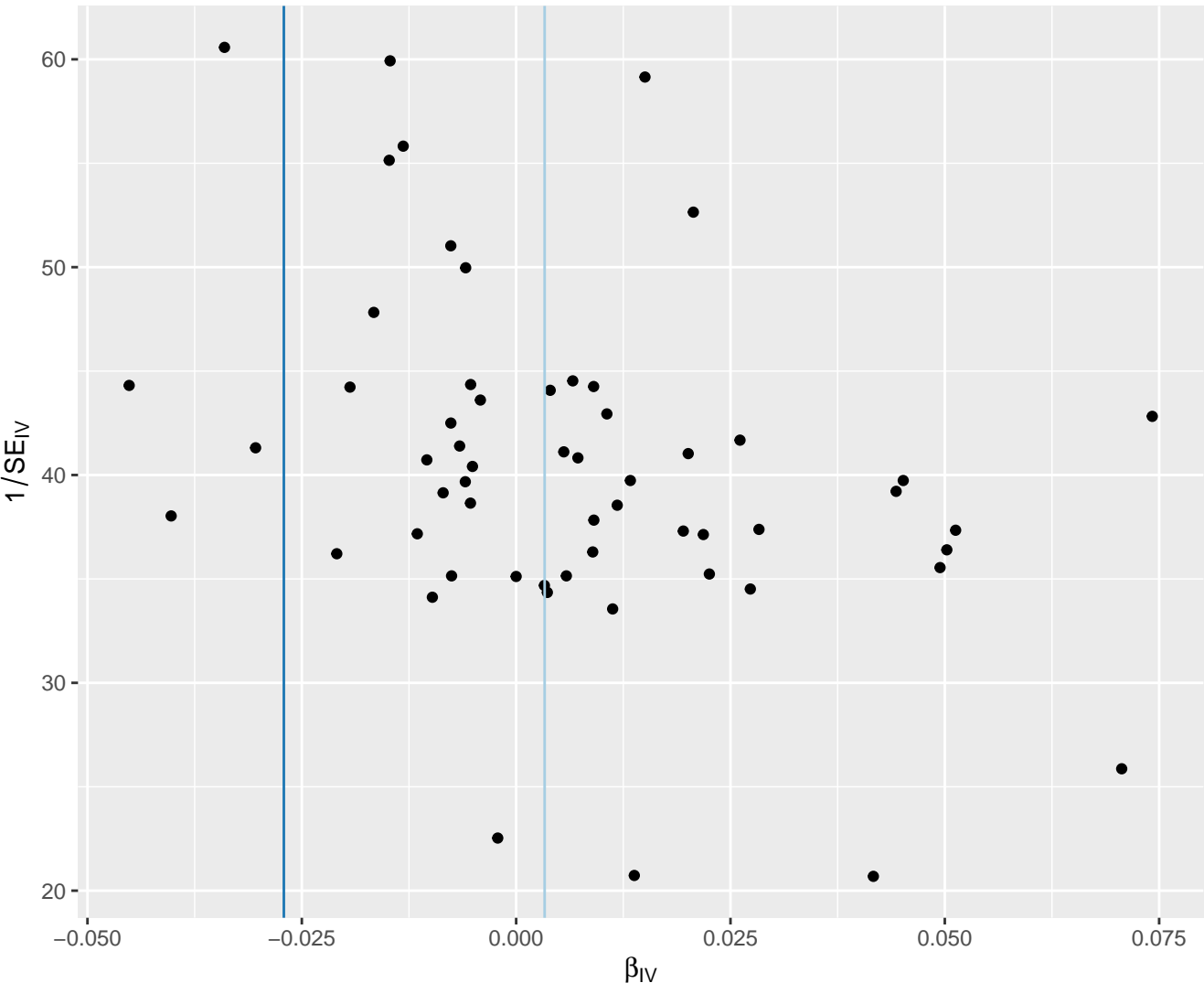
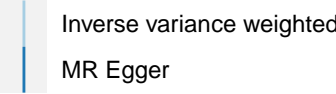


## Stearidonate (18:4n3)



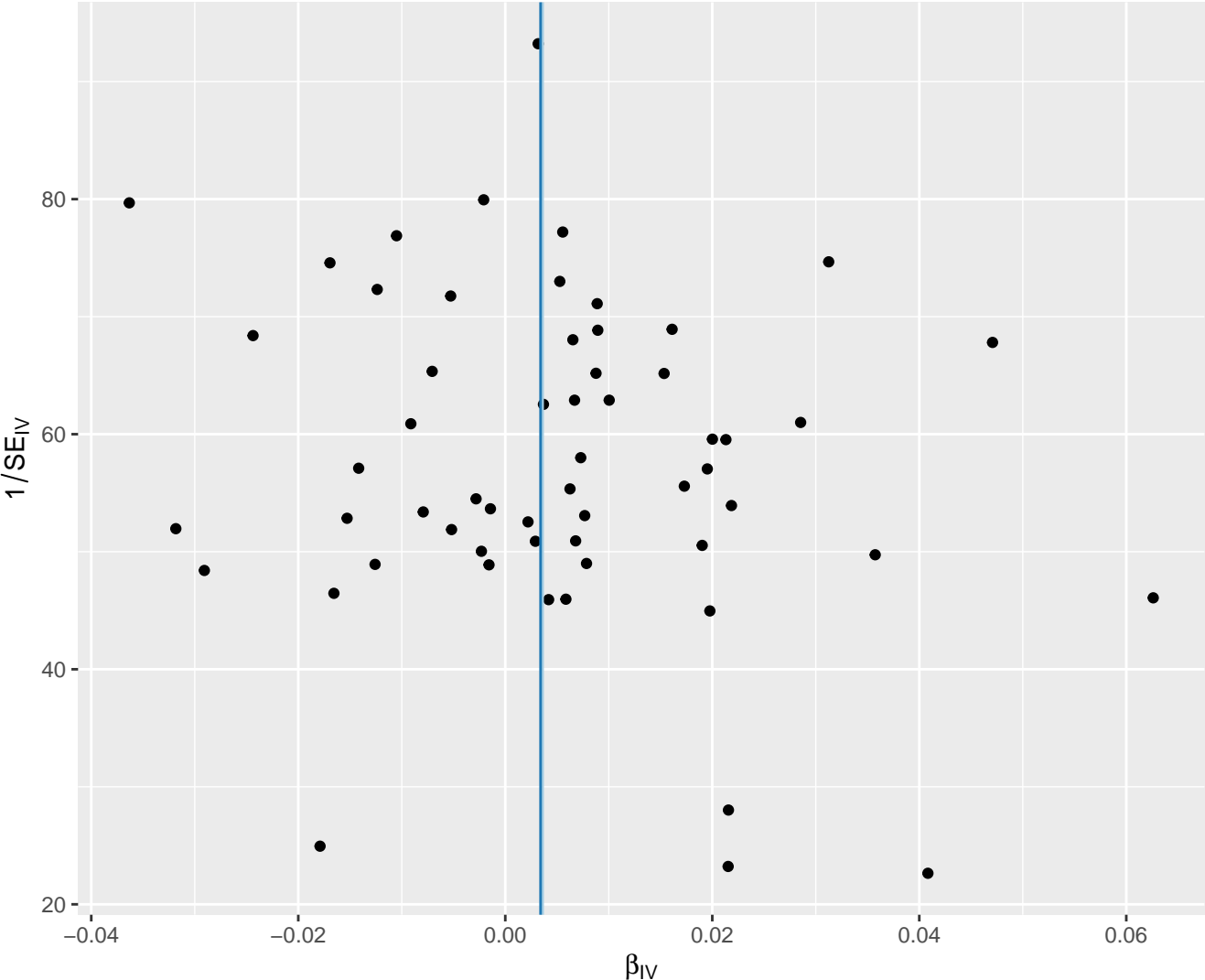
# Stearoylcarnitine

MR Method



# Succinylcarnitine

MR Method





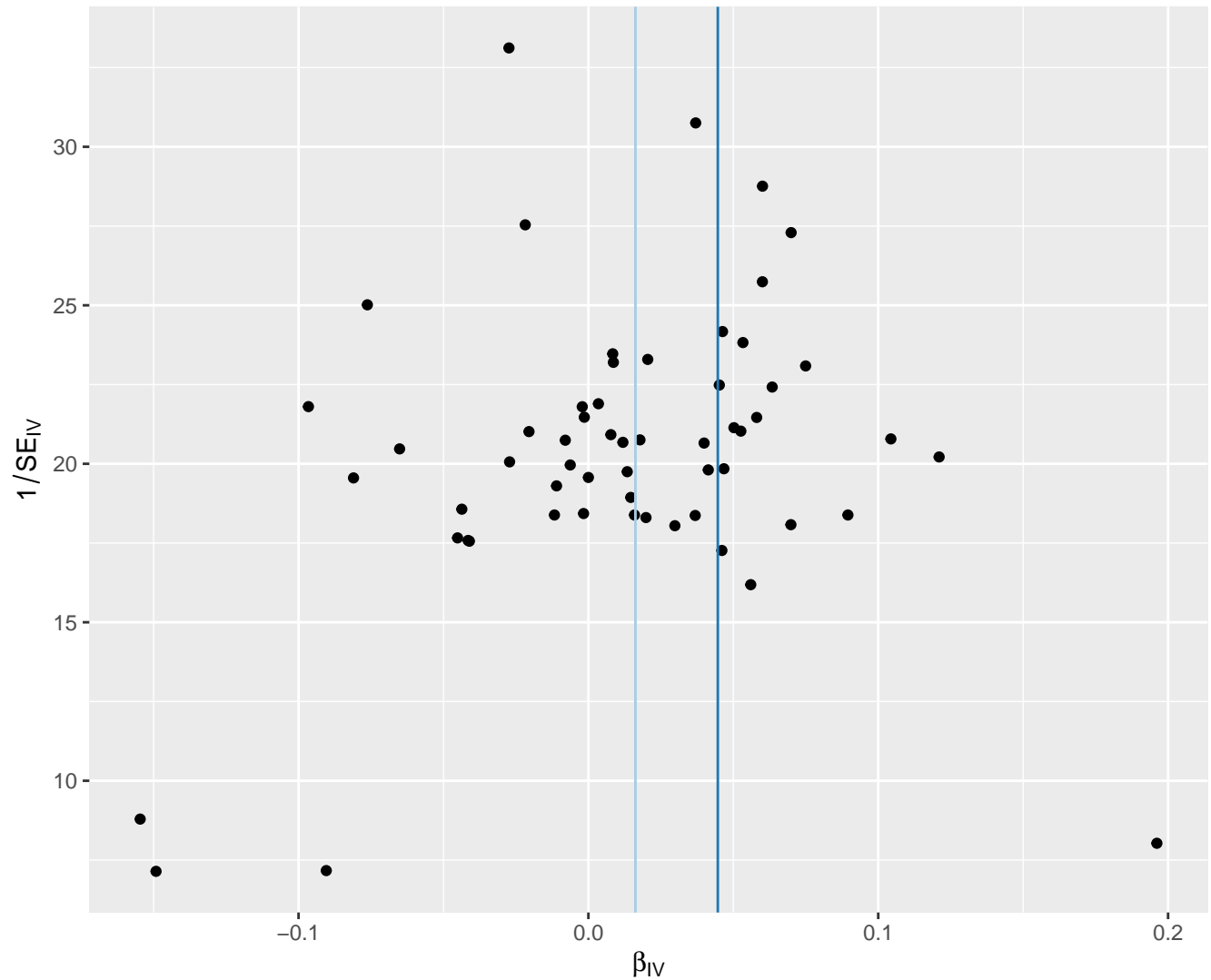
# Taurochenodeoxycholate

MR Method



Inverse variance weighted

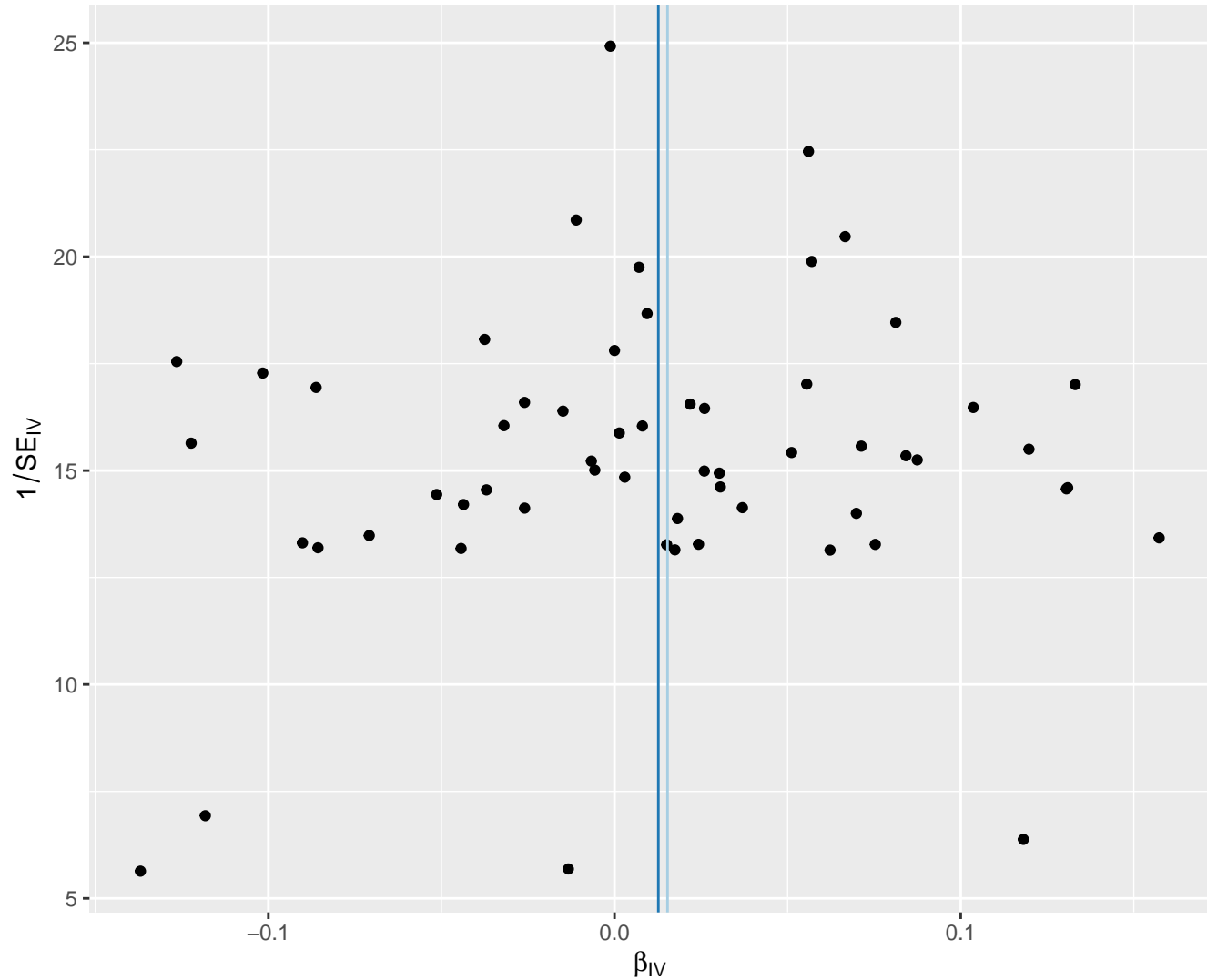
MR Egger



# Taurocholate

## MR Method

- Inverse variance weighted
- MR Egger



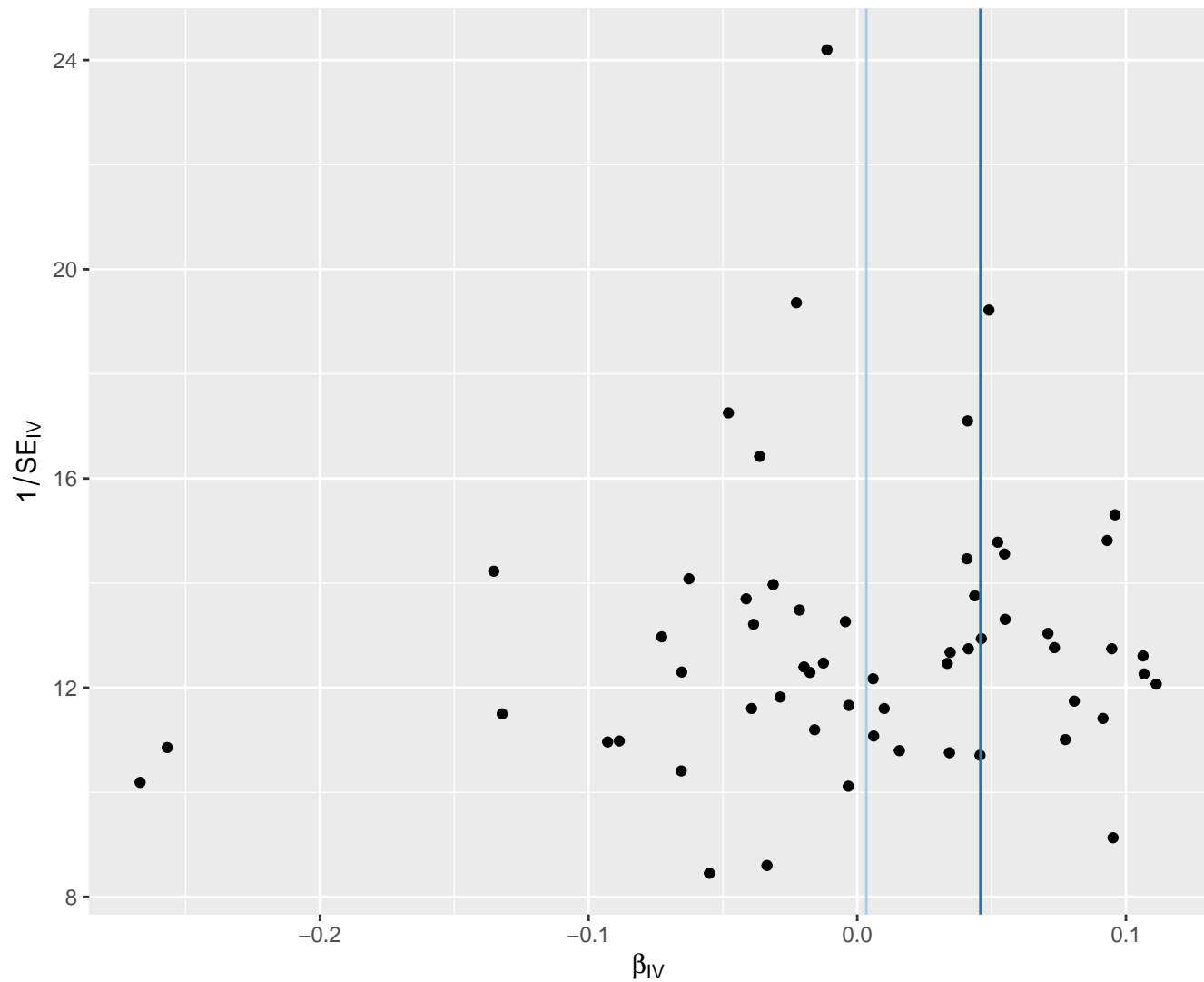
# Taurodeoxycholate

MR Method



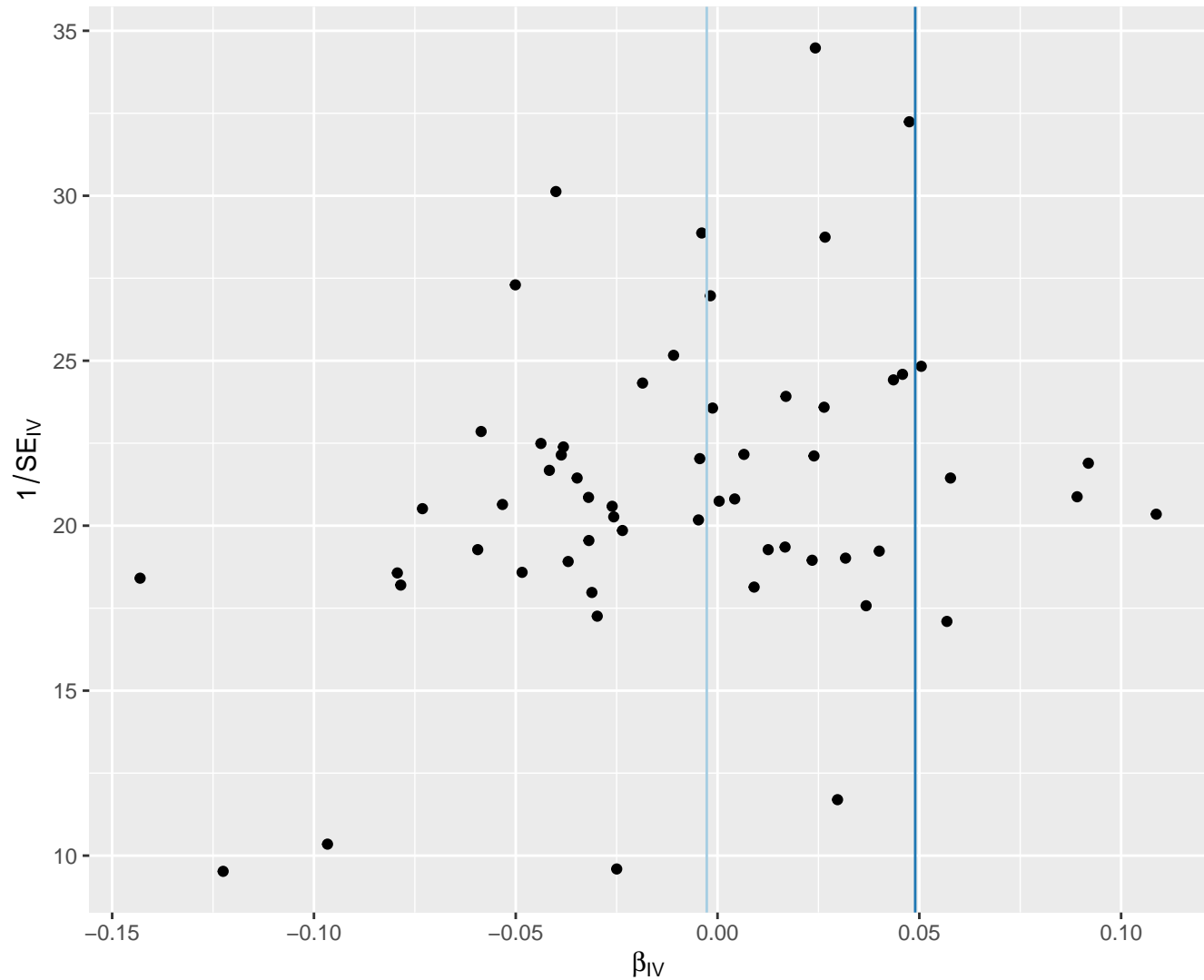
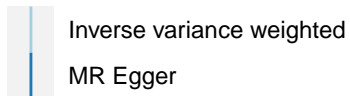
Inverse variance weighted

MR Egger



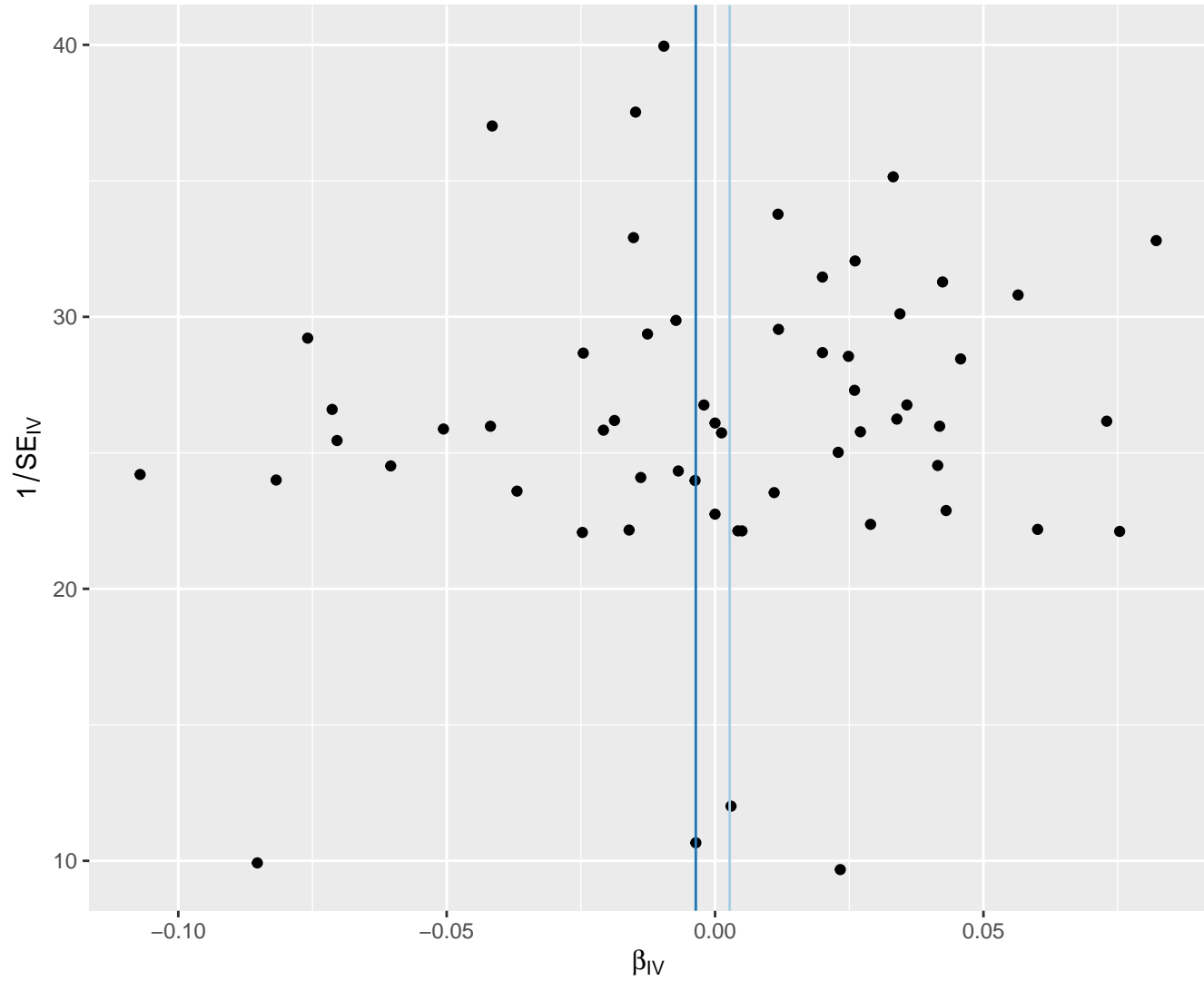
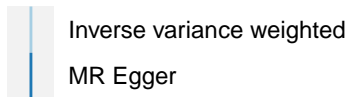
# Taurolithocholate 3-sulfate

MR Method



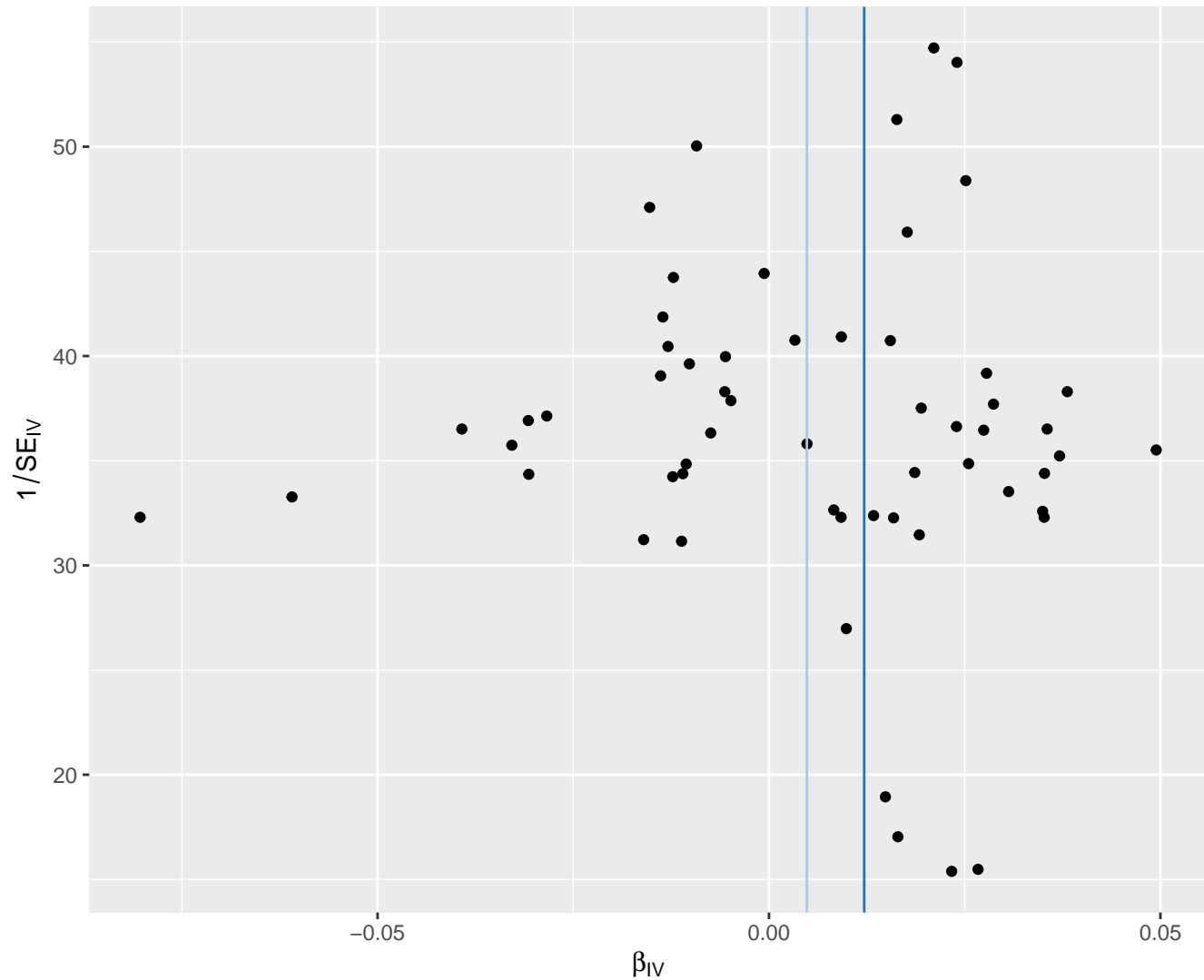
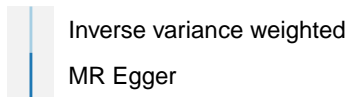
# Tetradecanedioate

MR Method



# Threitol

## MR Method



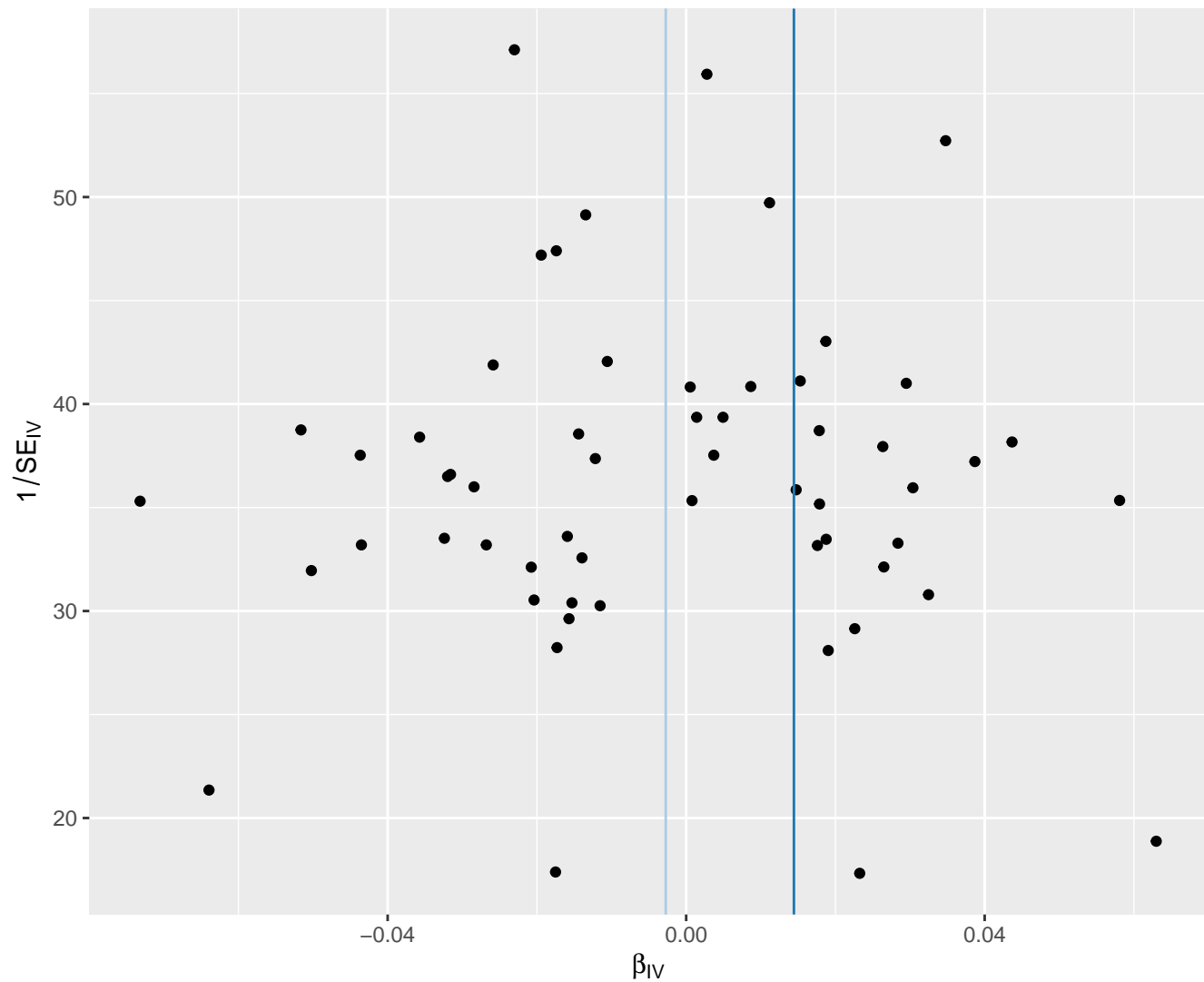
# Threonate

MR Method

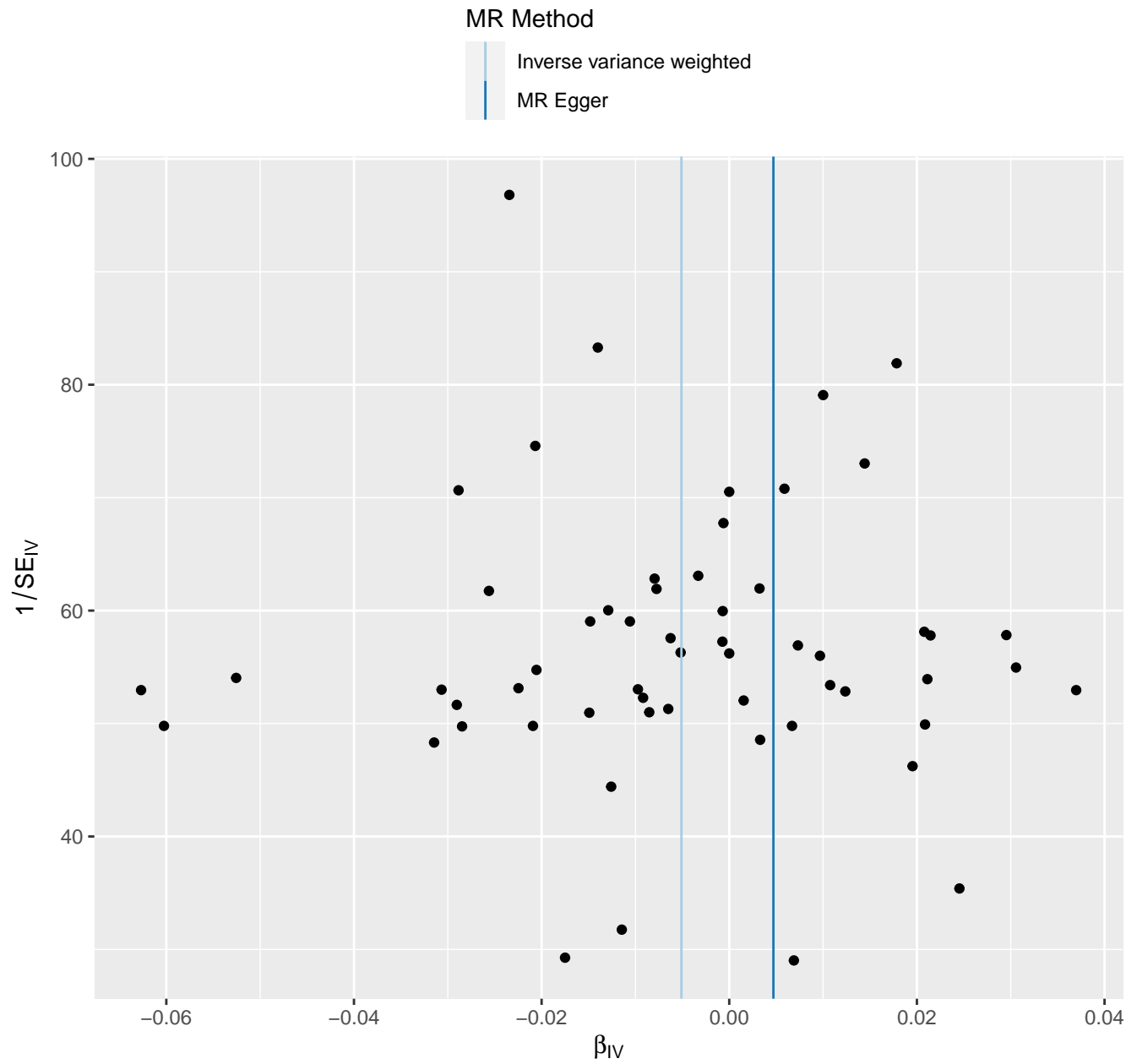


Inverse variance weighted

MR Egger



# Threonine





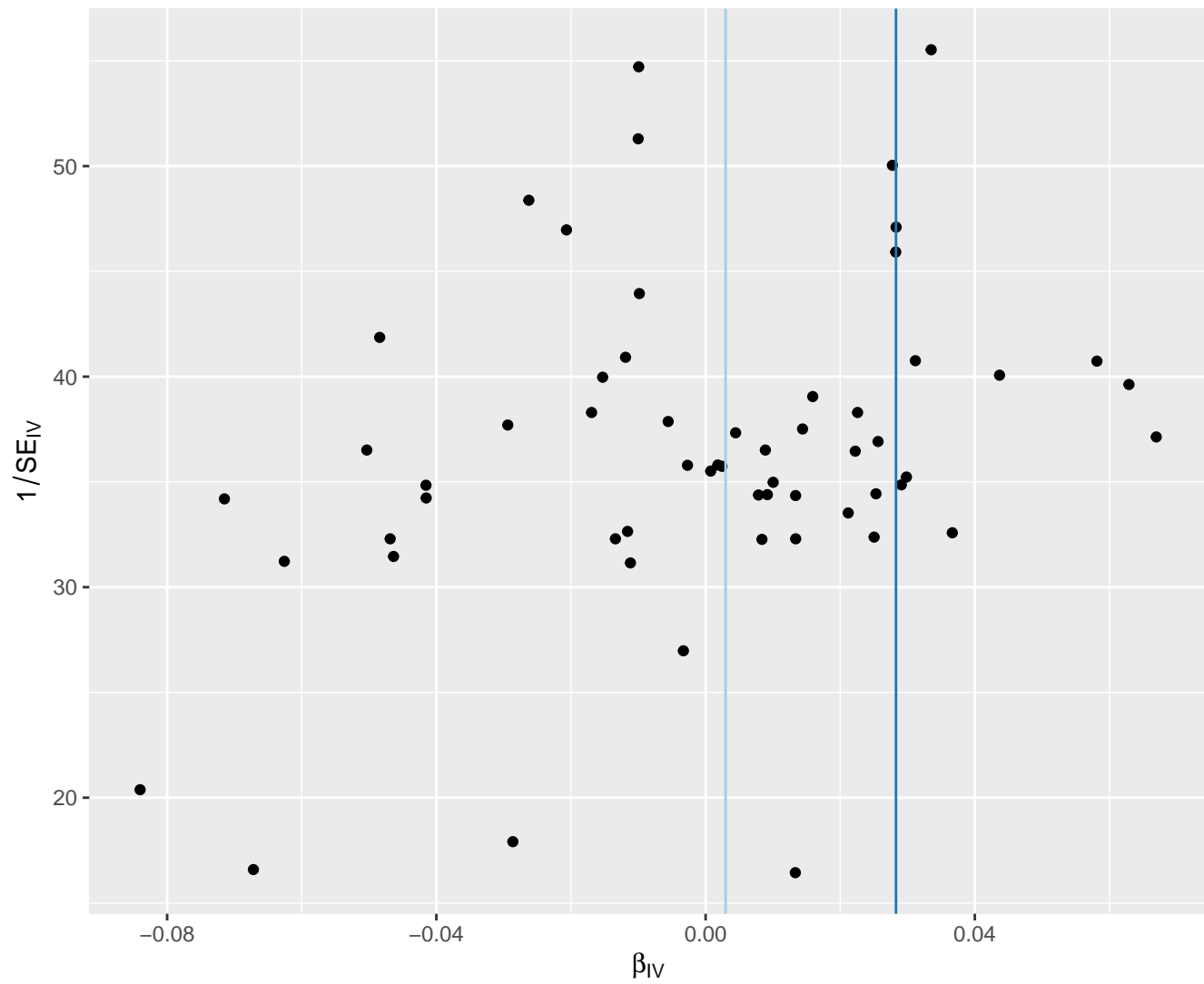
# Trans-4-hydroxyproline

MR Method



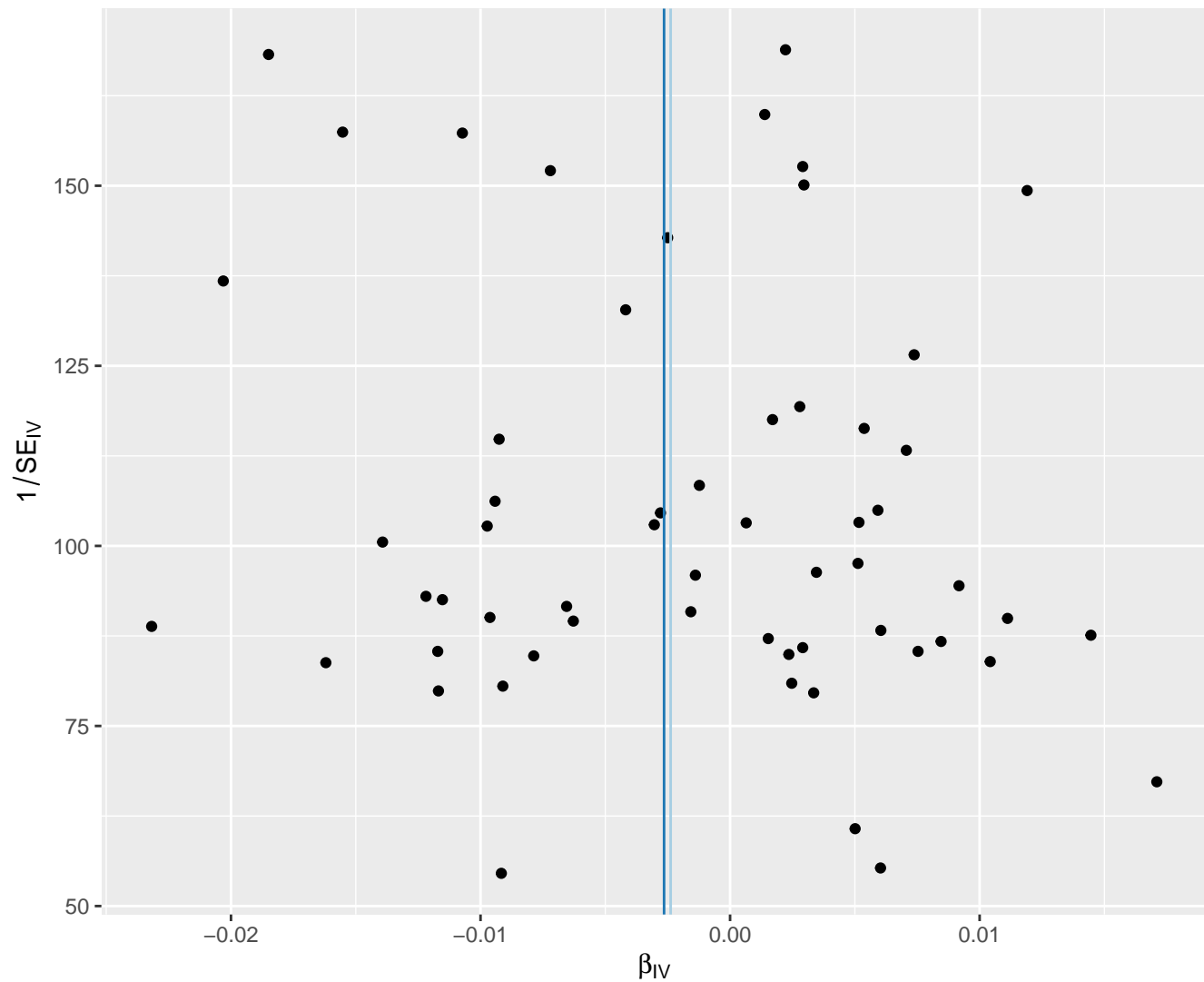
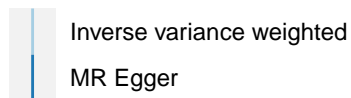
Inverse variance weighted

MR Egger



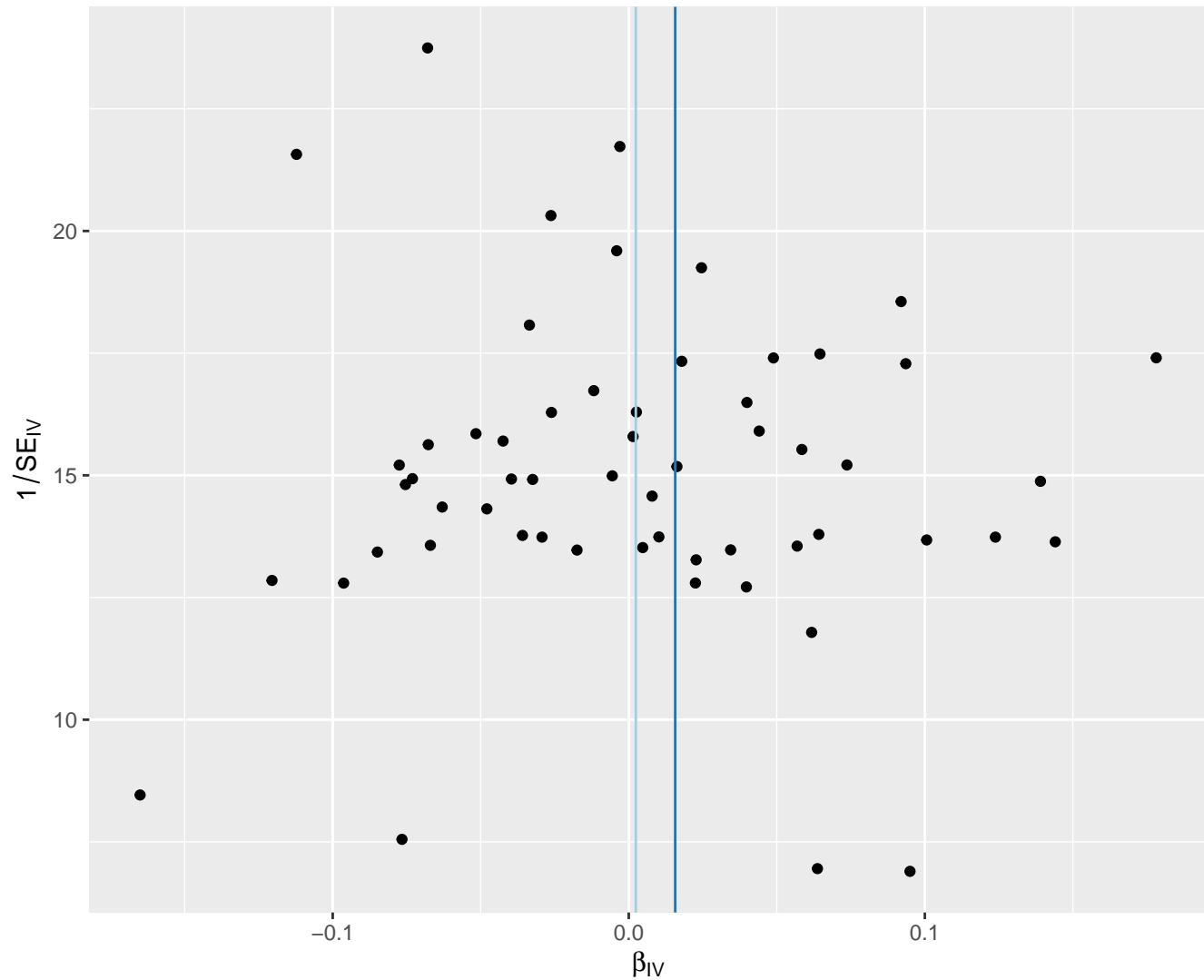
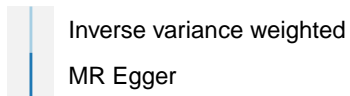
# Tryptophan

MR Method



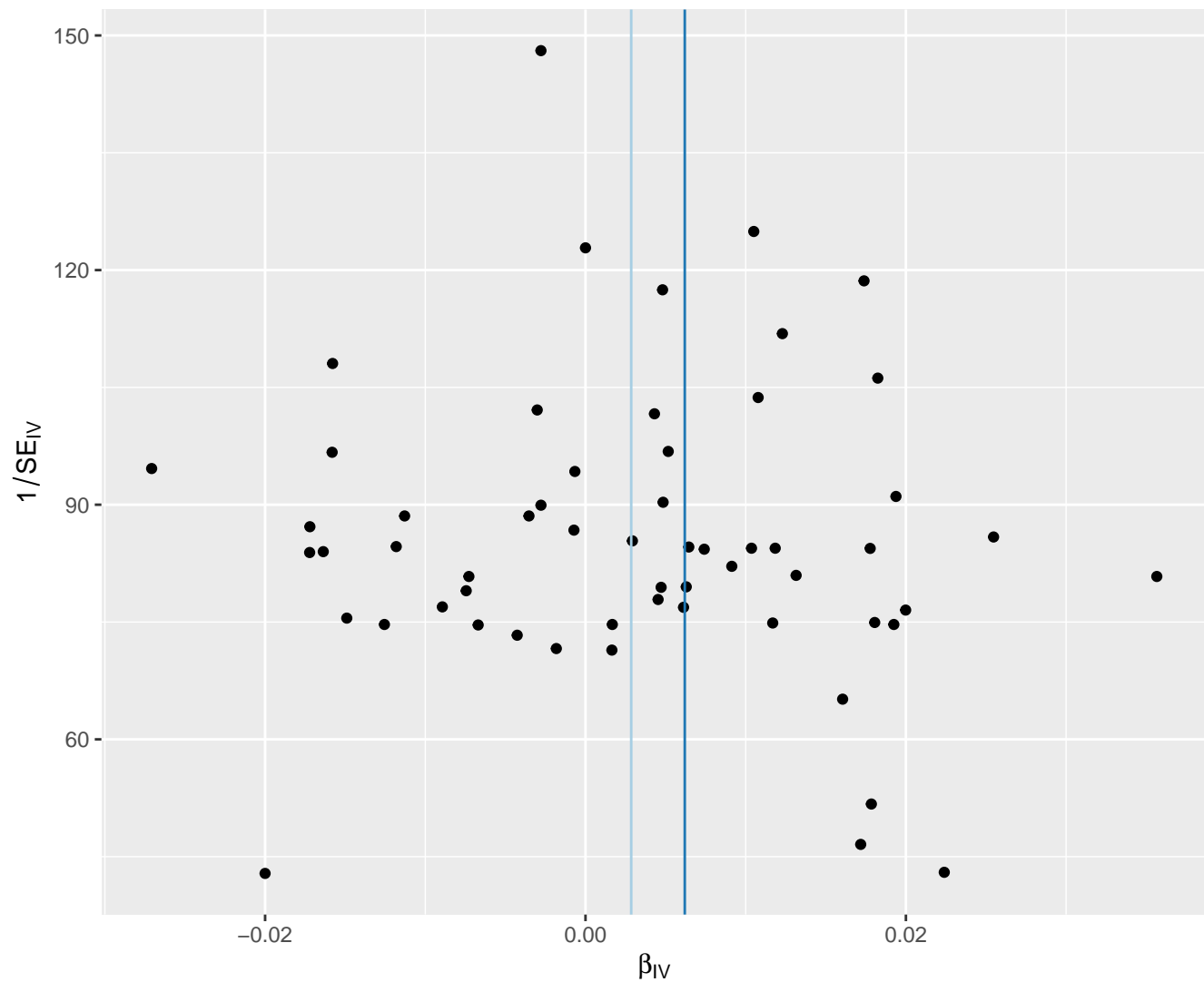
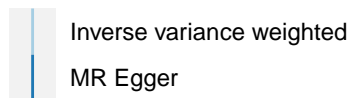
# Tryptophan betaine

MR Method



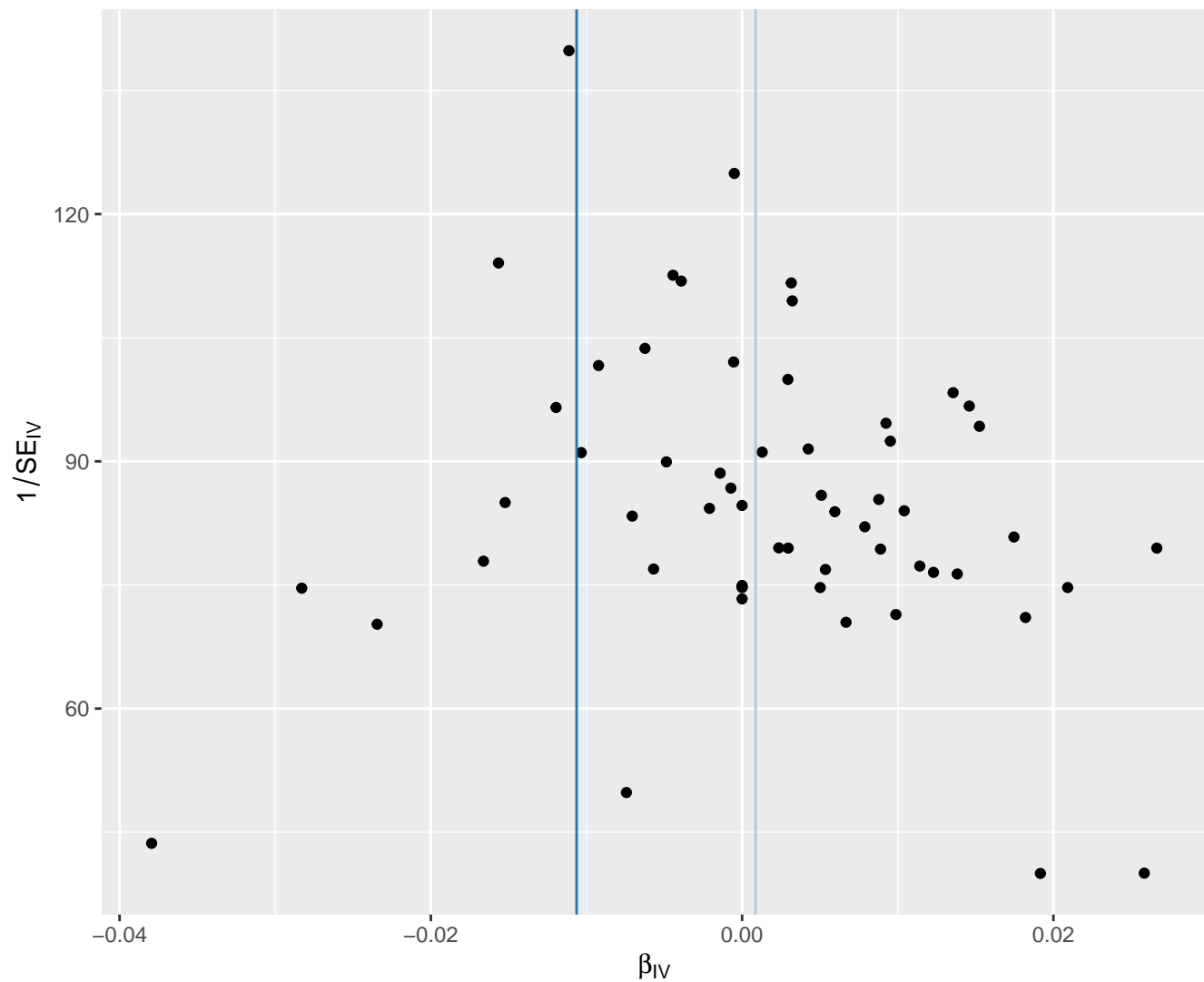
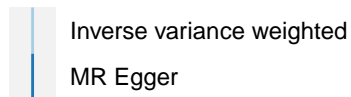
# Tyrosine

## MR Method



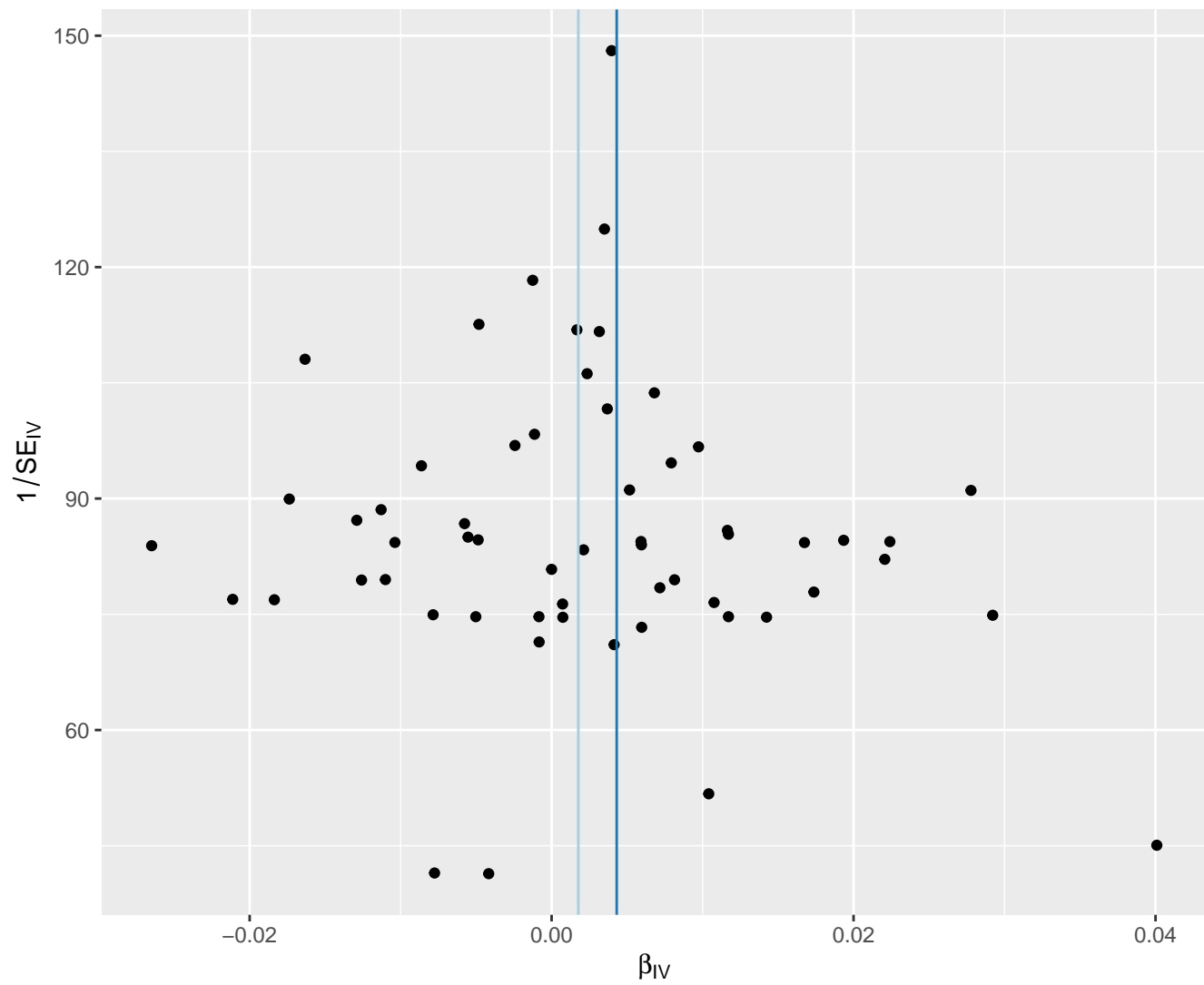
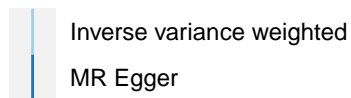
# Undecanoate (11:0)

MR Method



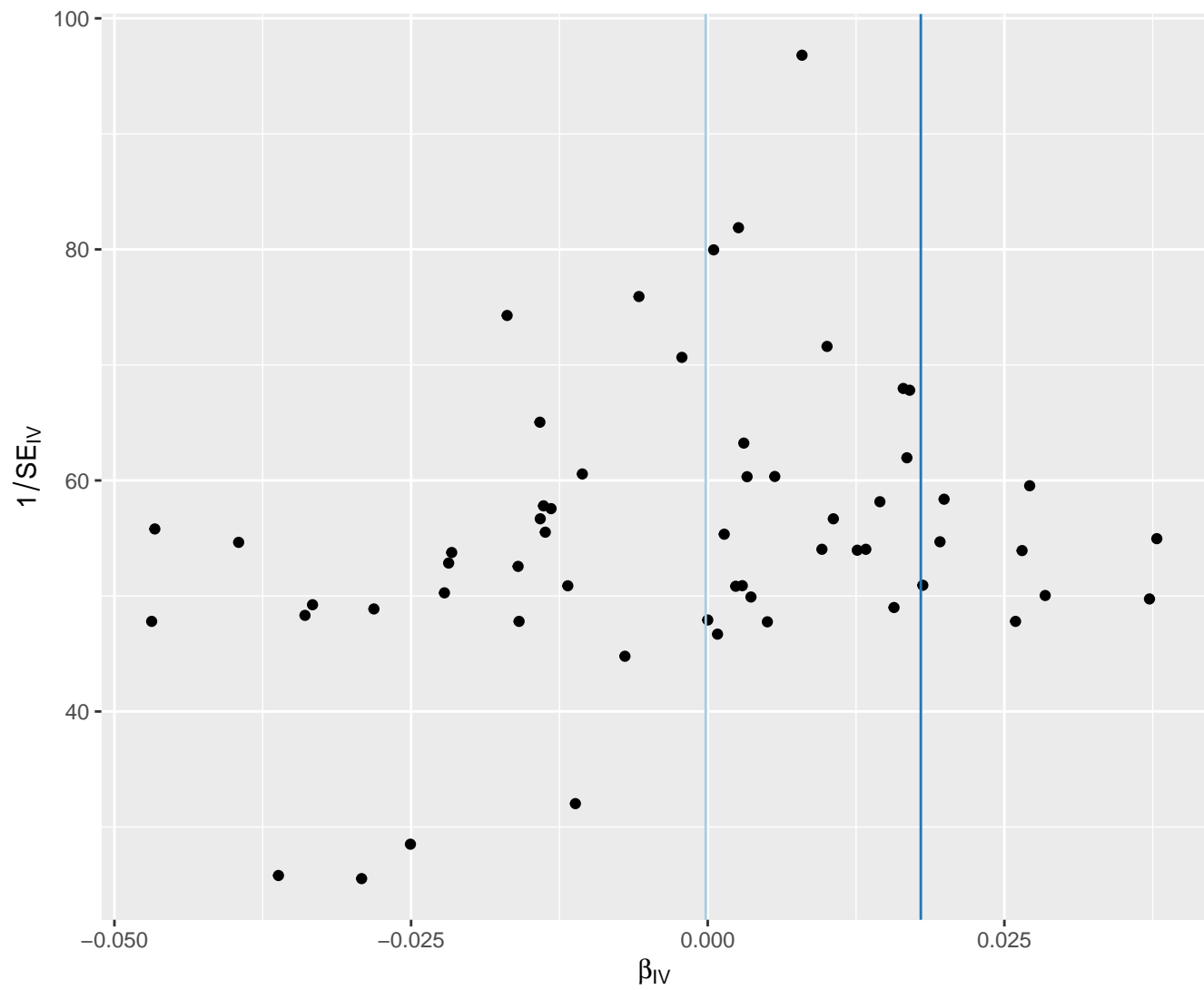
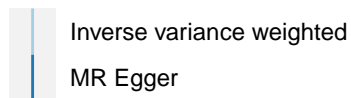
# Urate

## MR Method



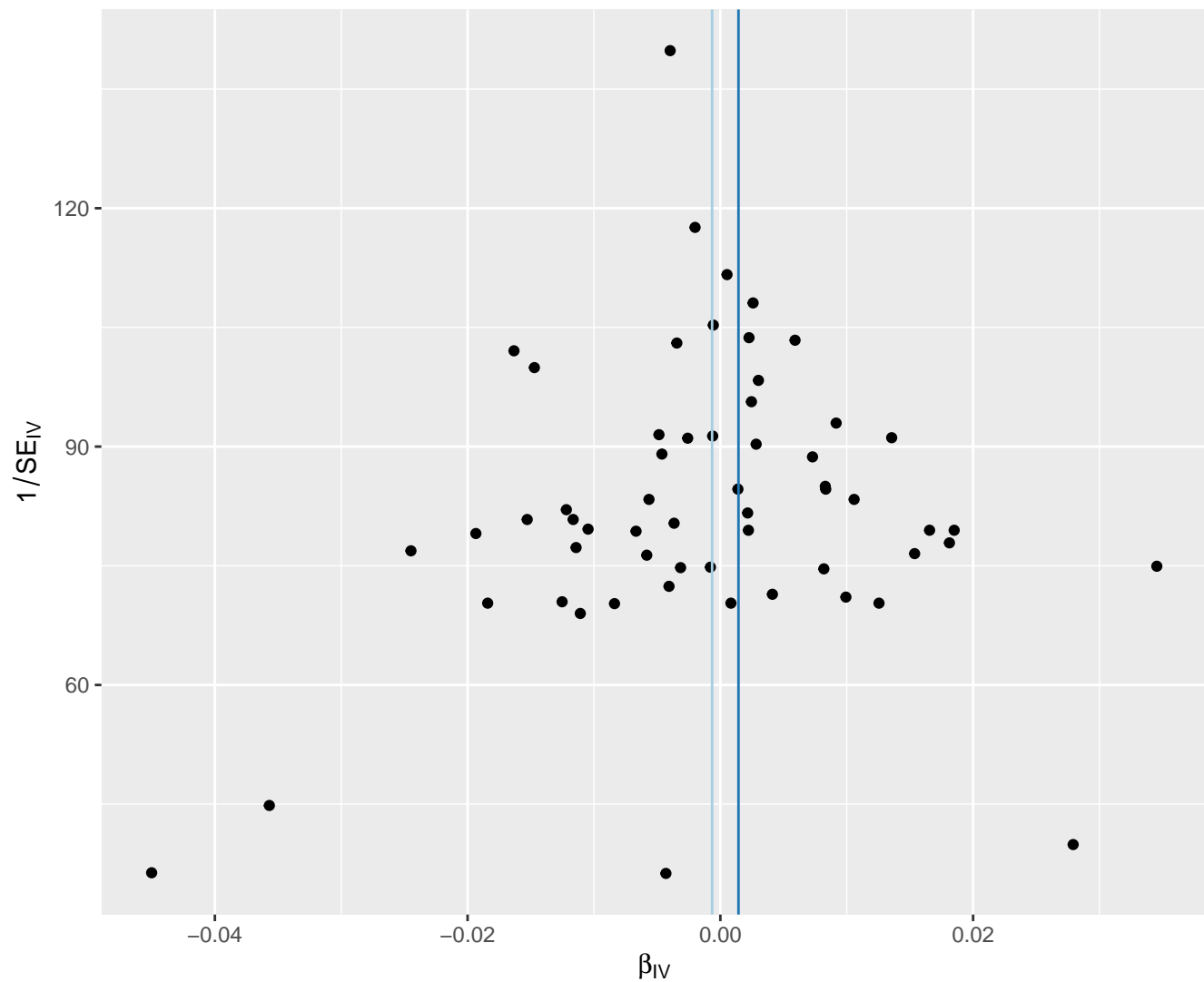
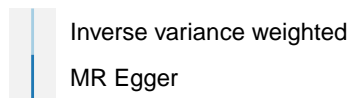
Urea

MR Method



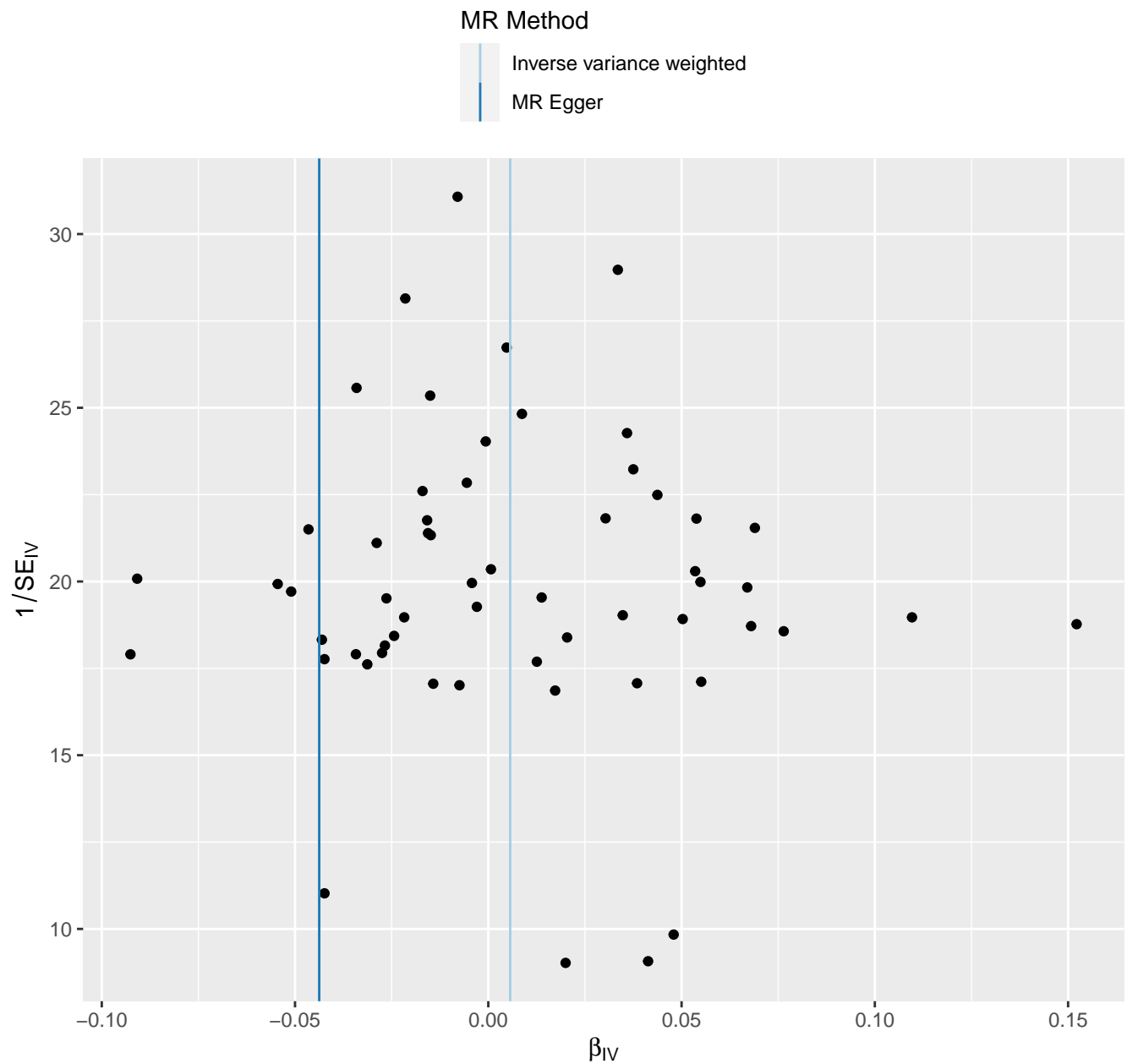
# Uridine

## MR Method



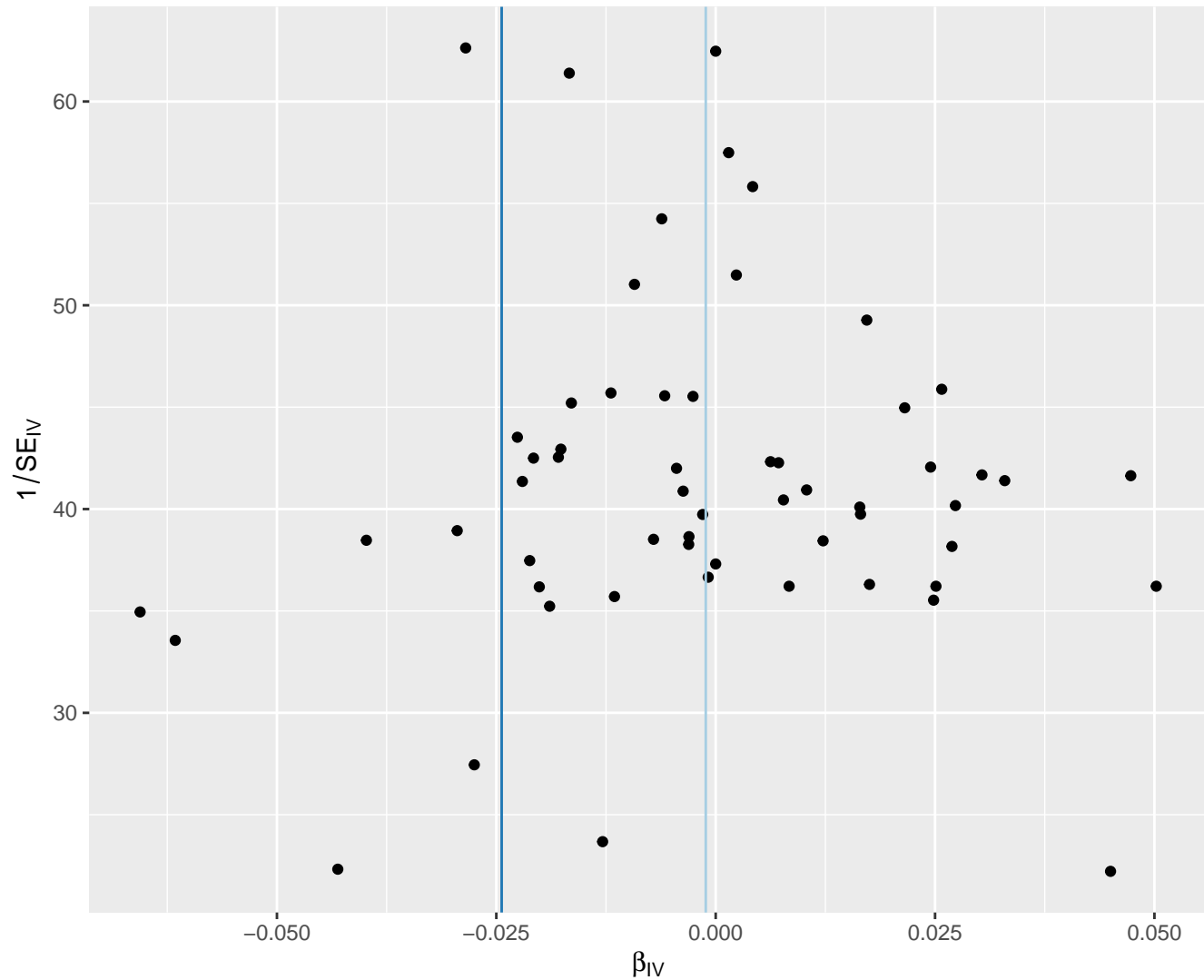
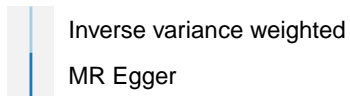


# Ursodeoxycholate



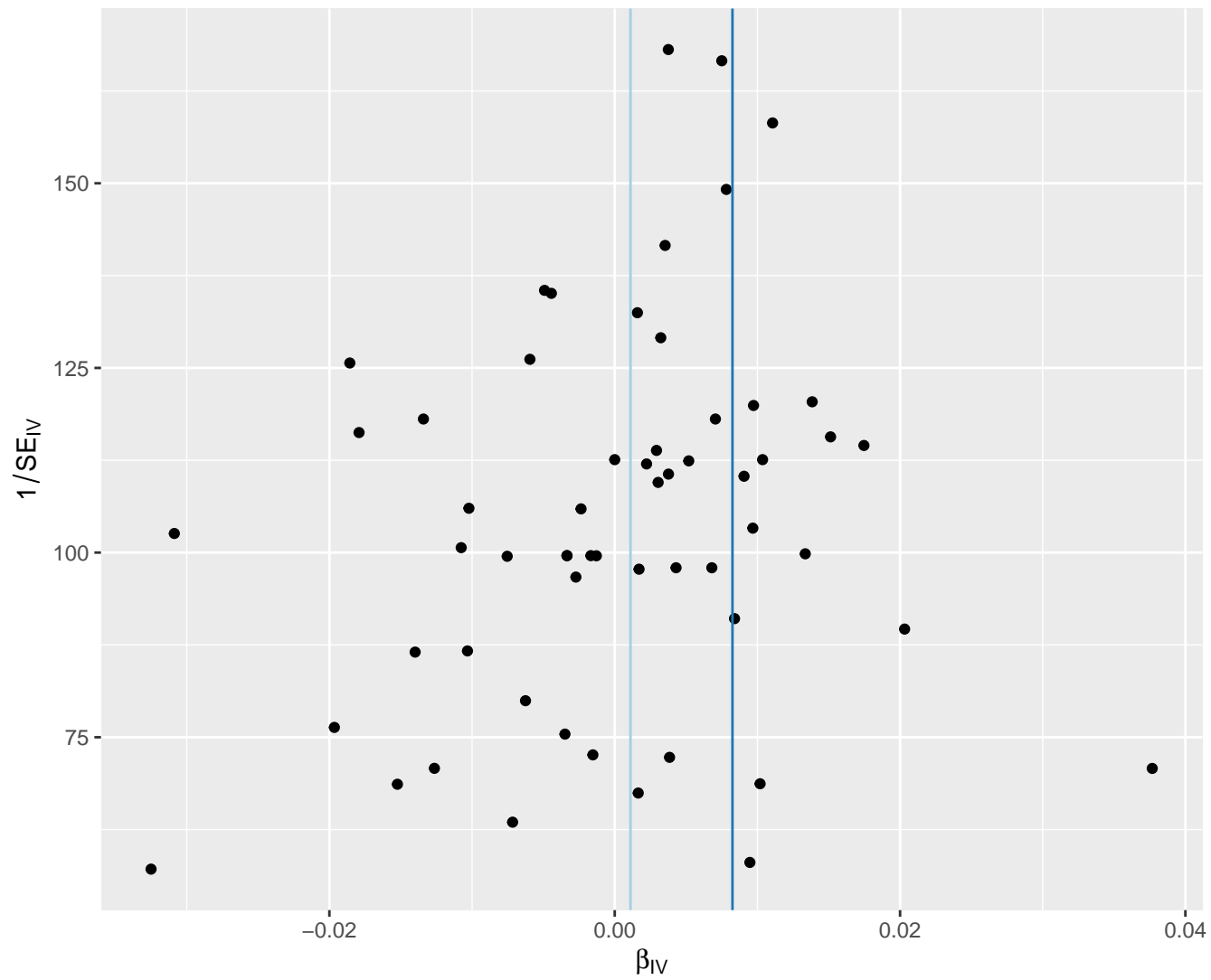
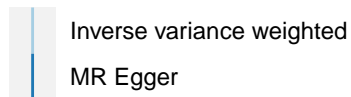
# Valerate

## MR Method



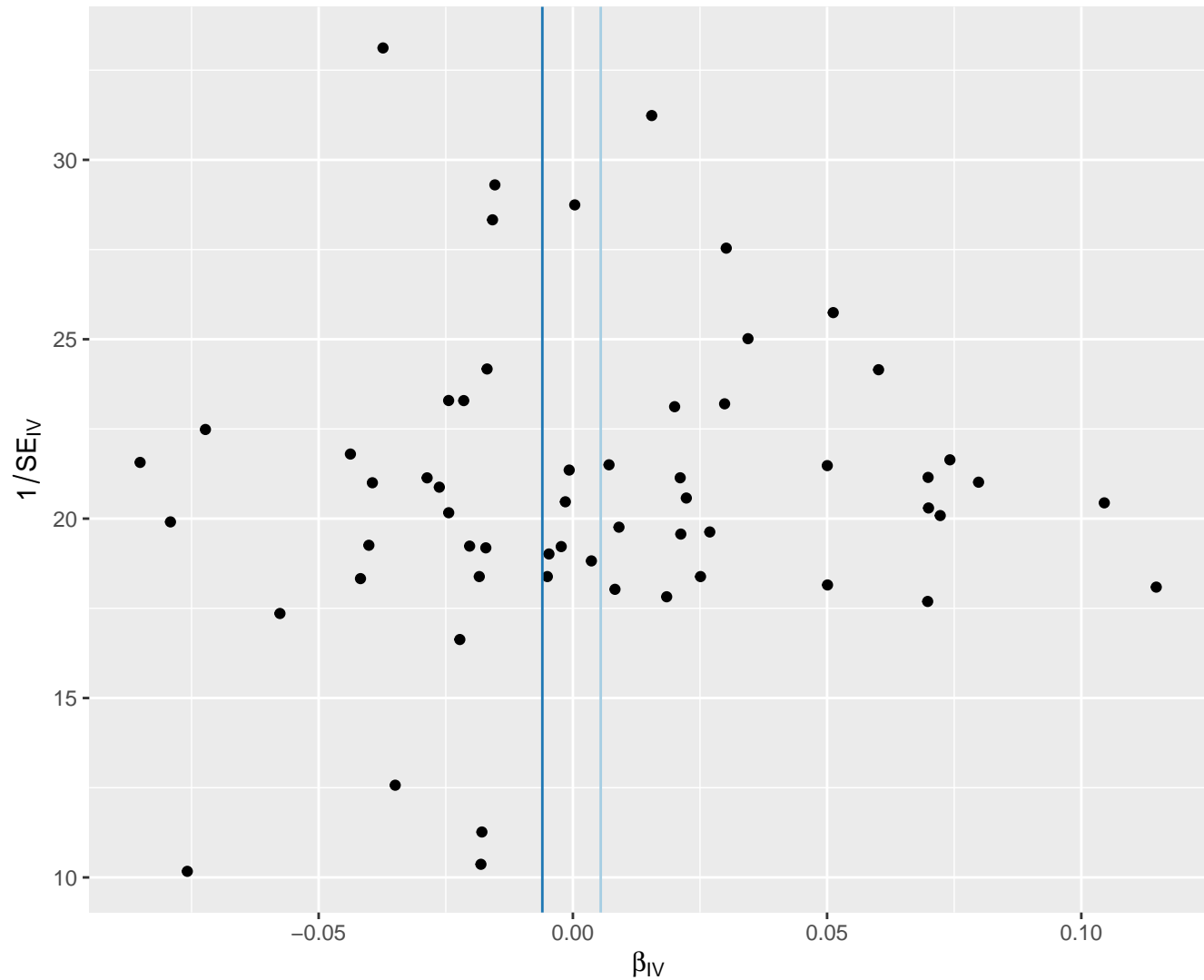
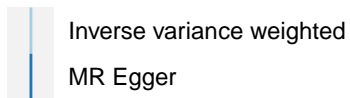
Valine

MR Method



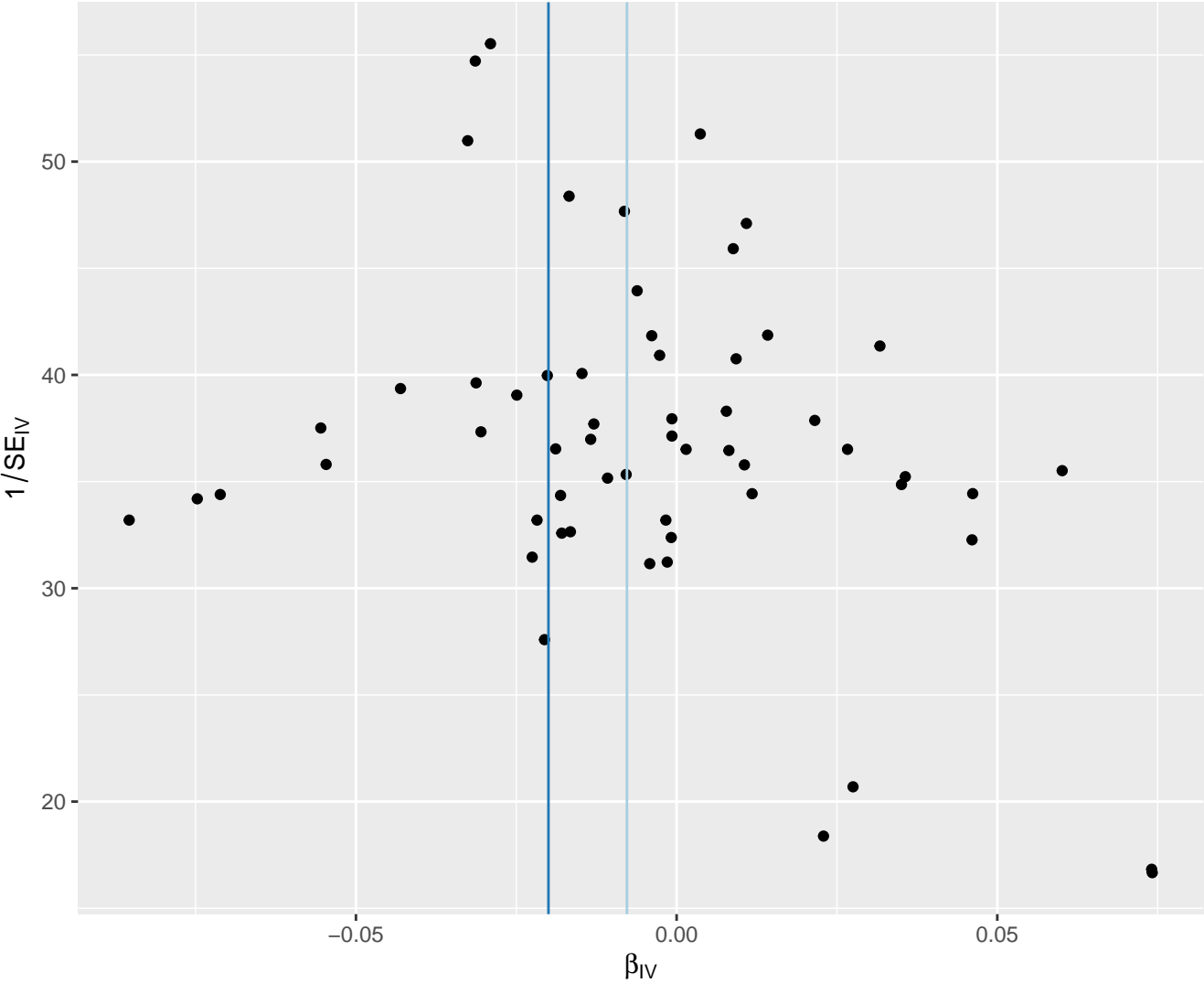
X-01911

MR Method



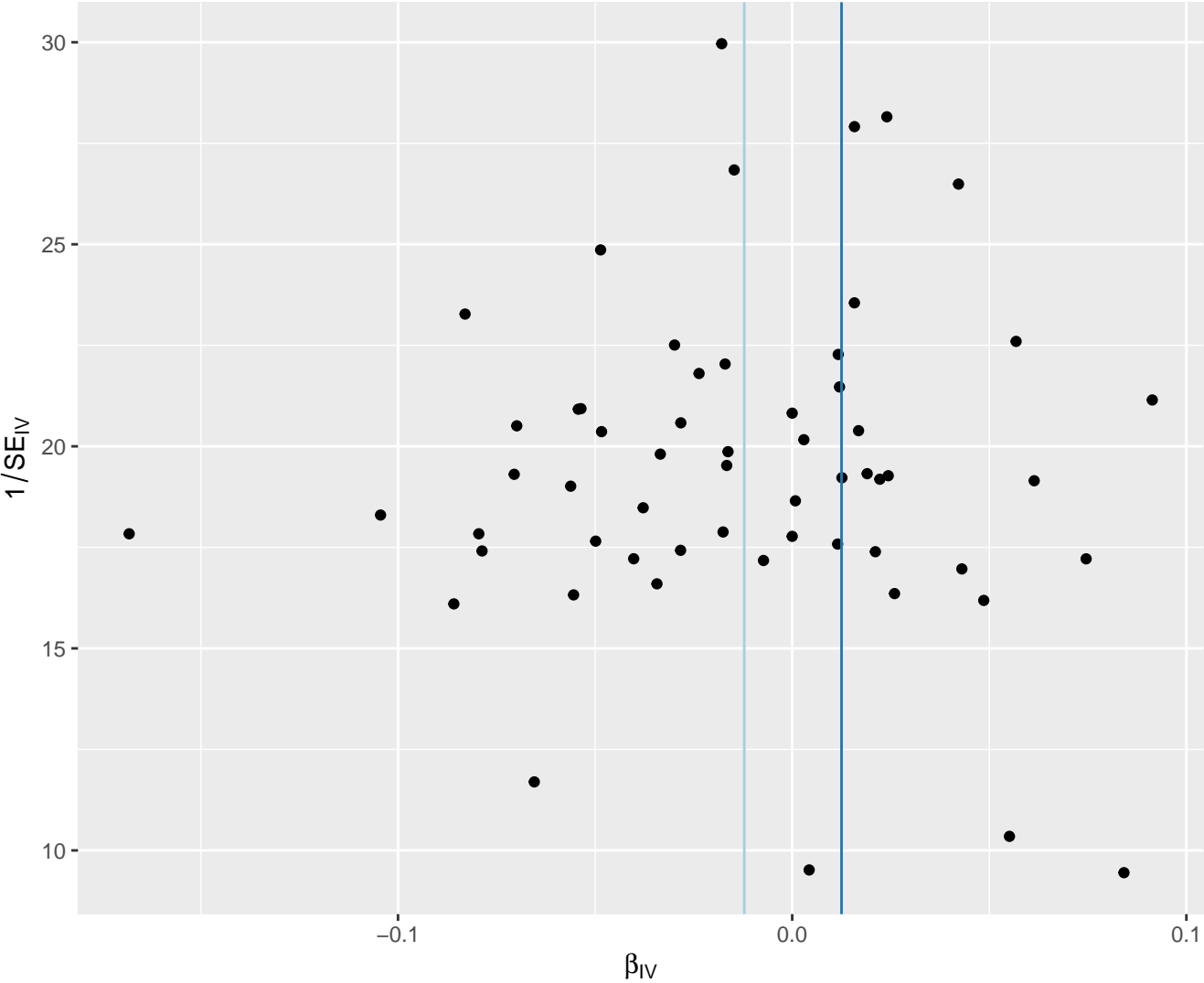
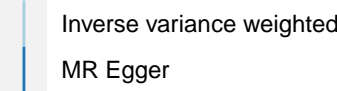
X-02249

MR Method



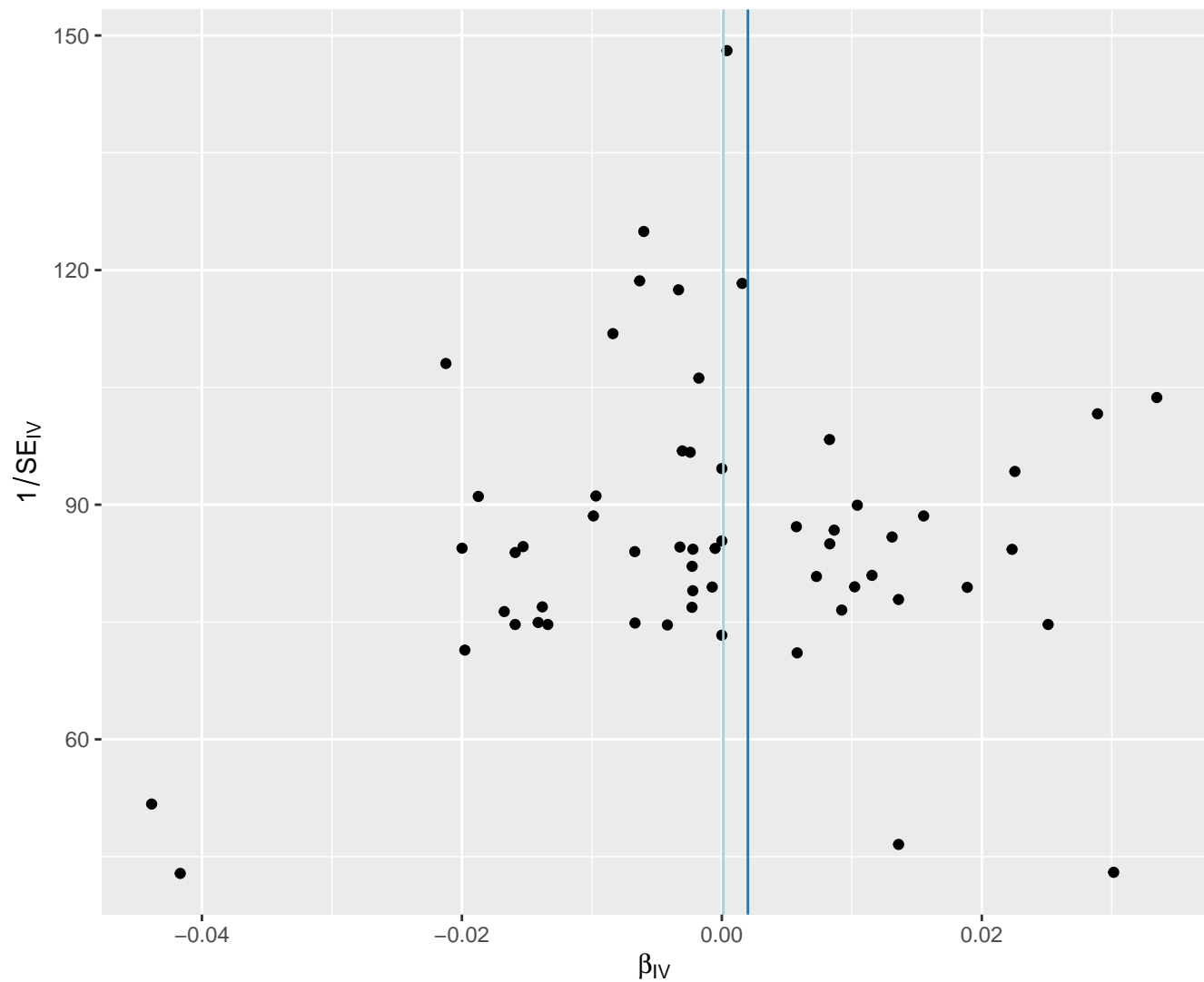
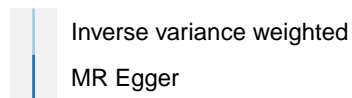
X-02269

MR Method



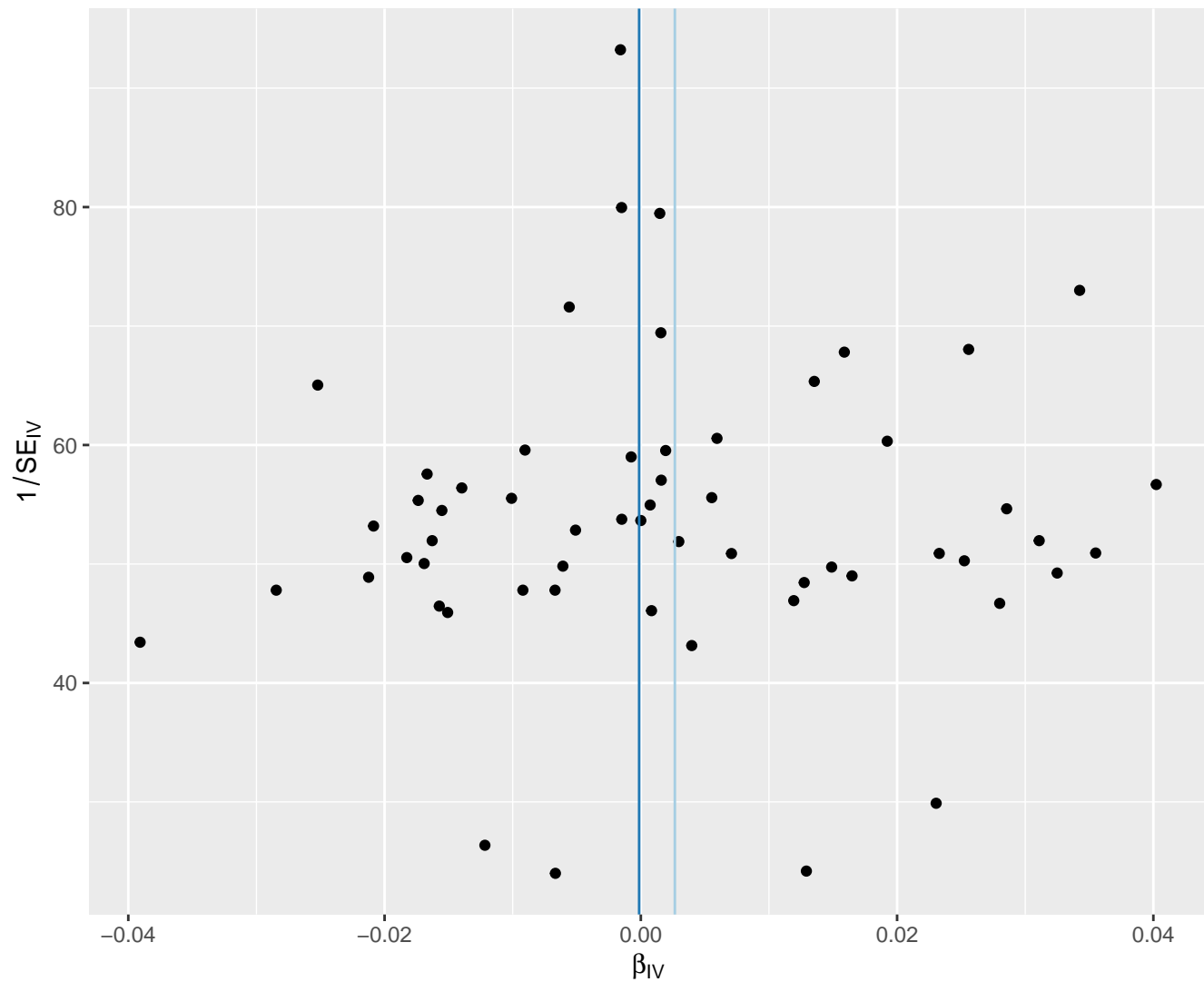
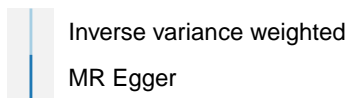
X-02973

MR Method



X-03003

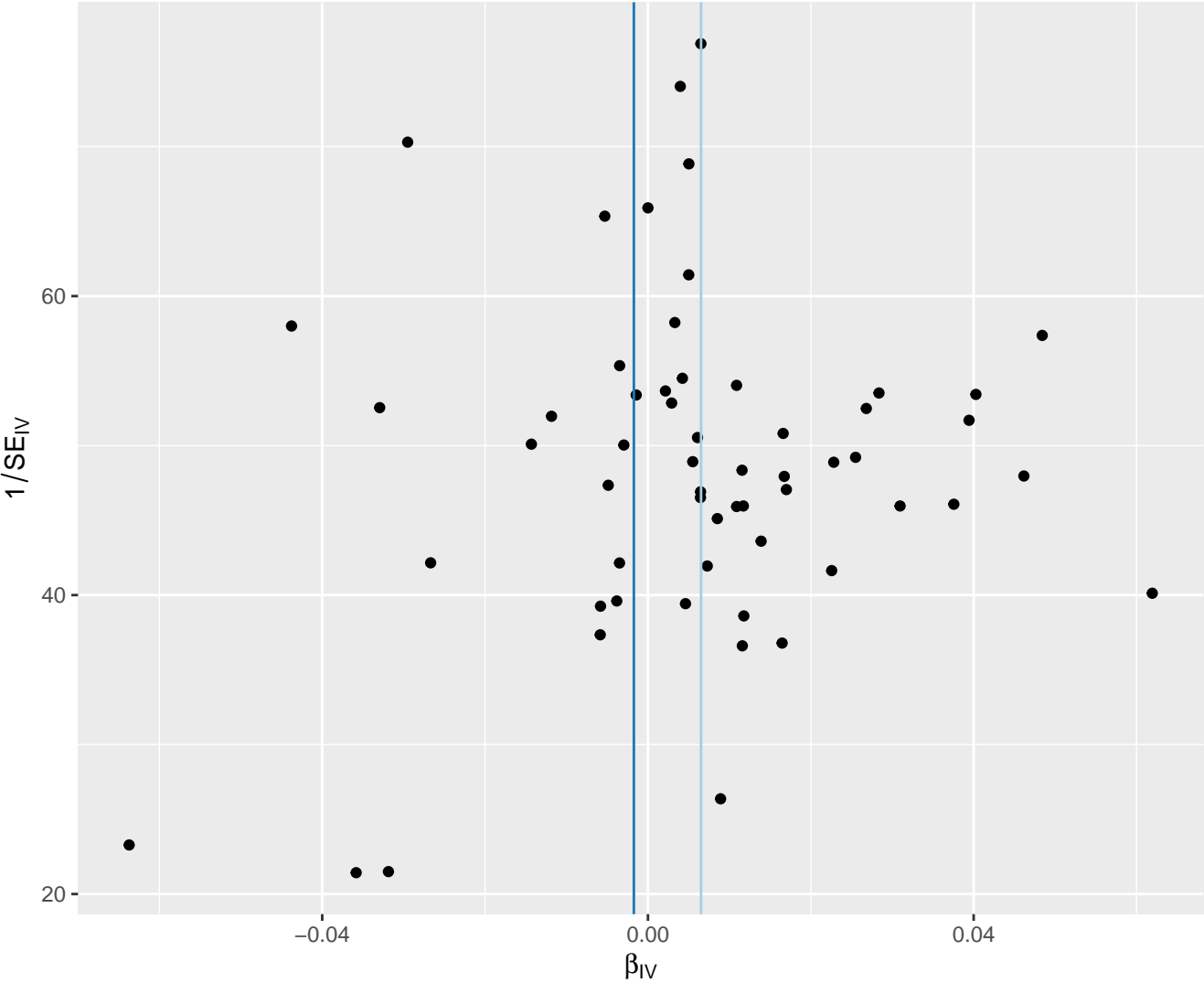
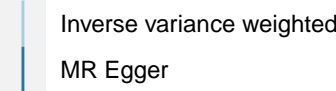
MR Method





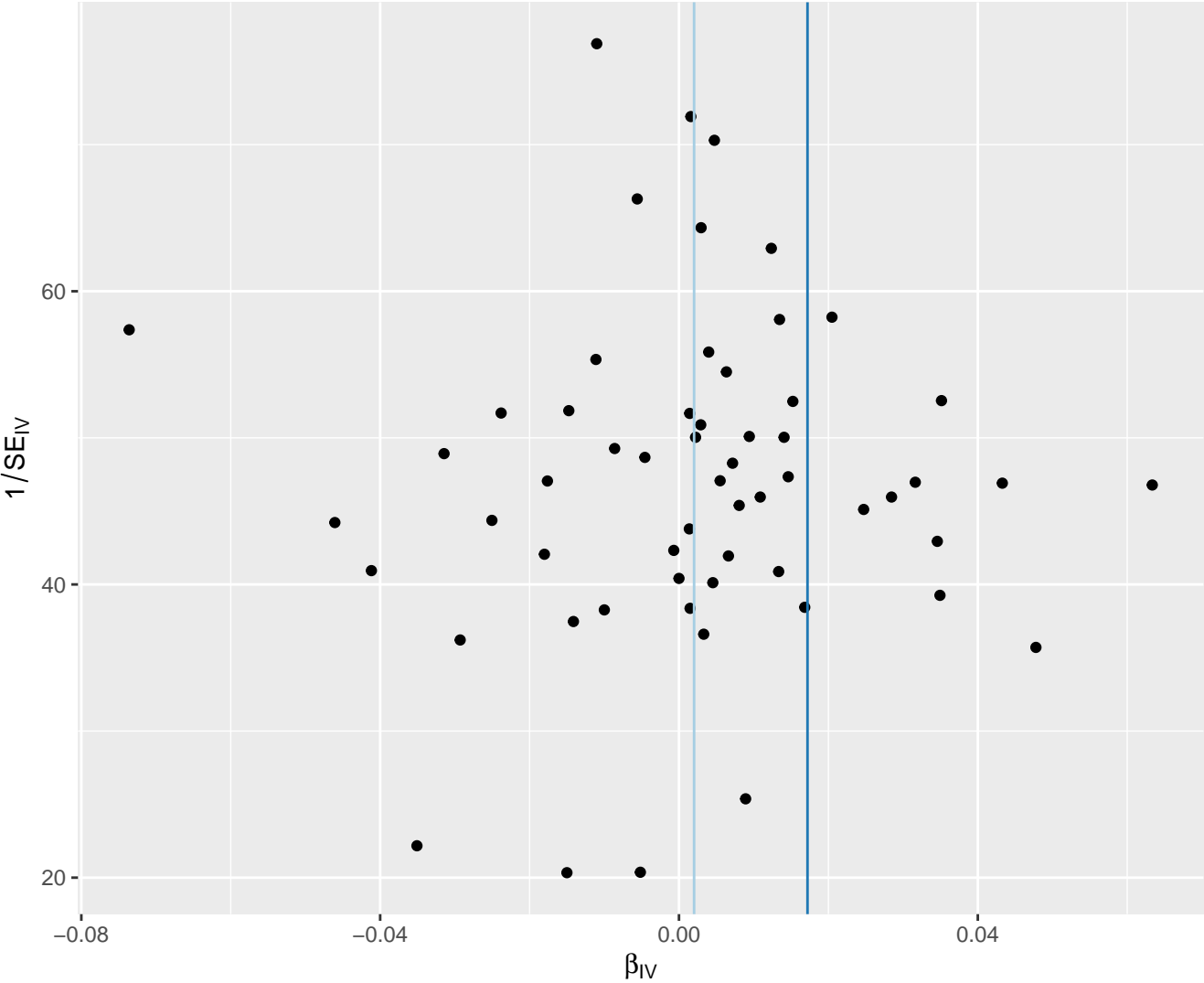
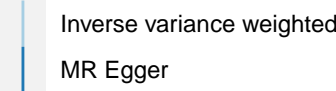
X-03056--N-[3-(2-Oxopyrrolidin-1-yl)propyl]acetamide

MR Method

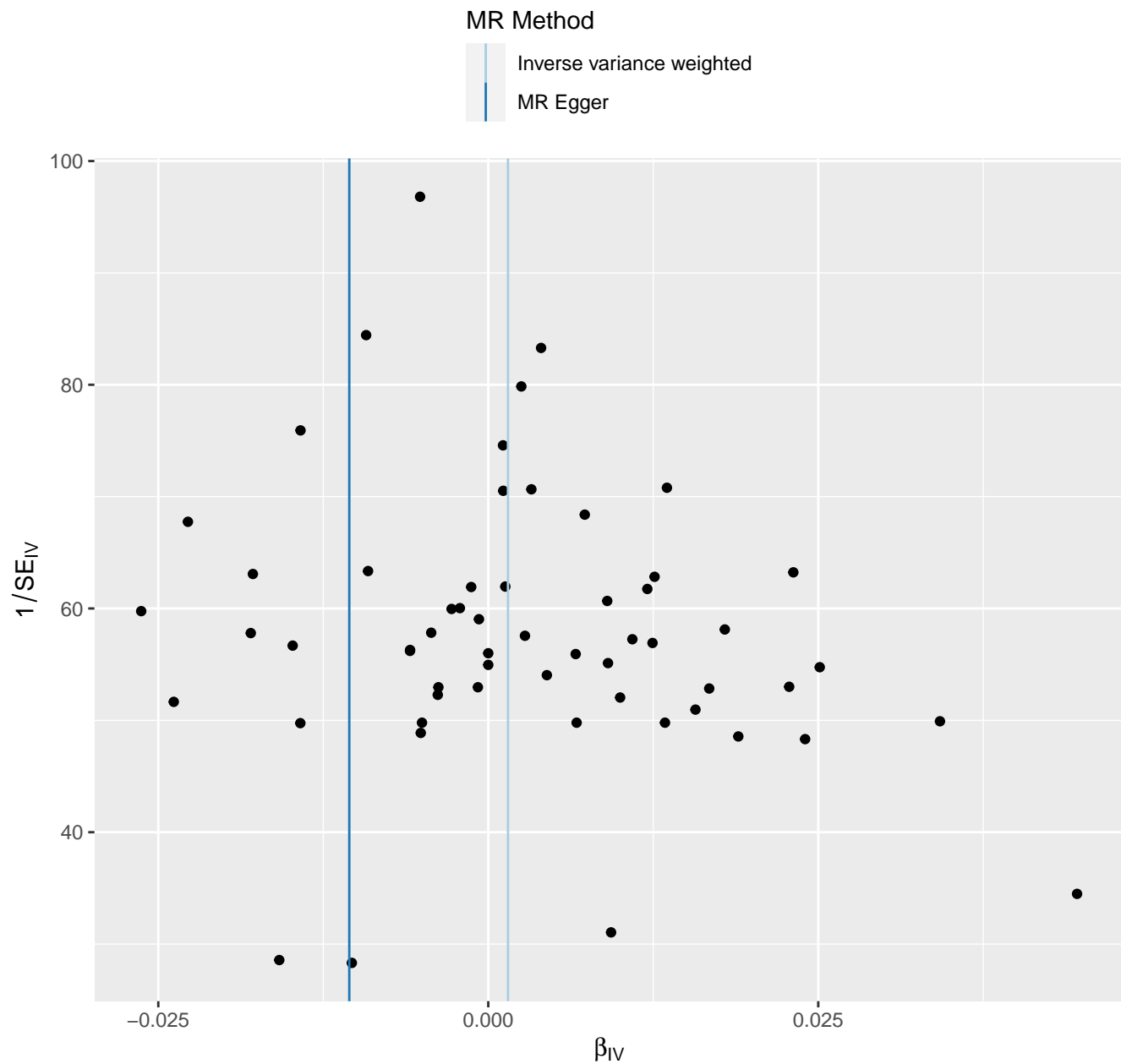


X-03088

MR Method

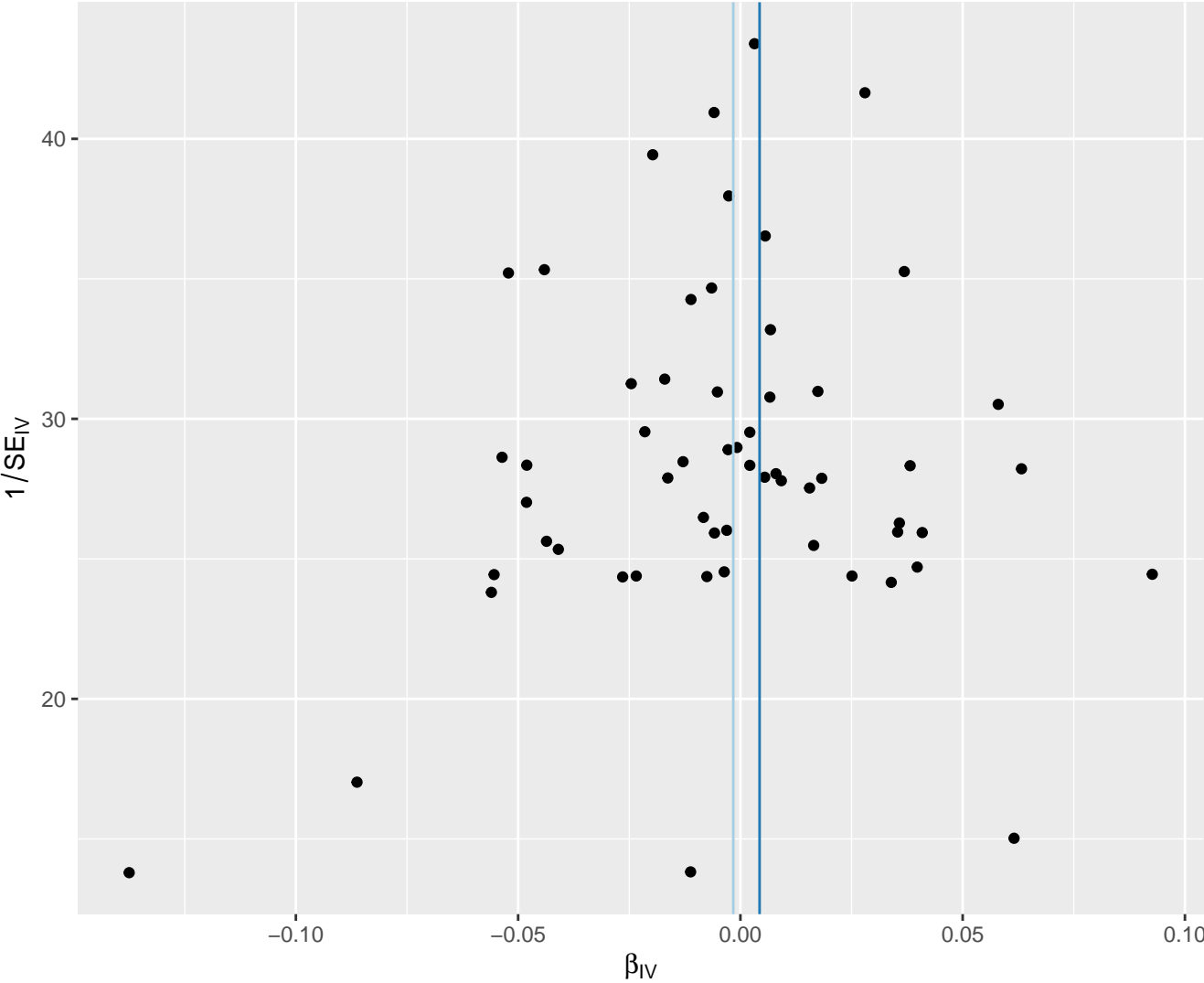


X-03094



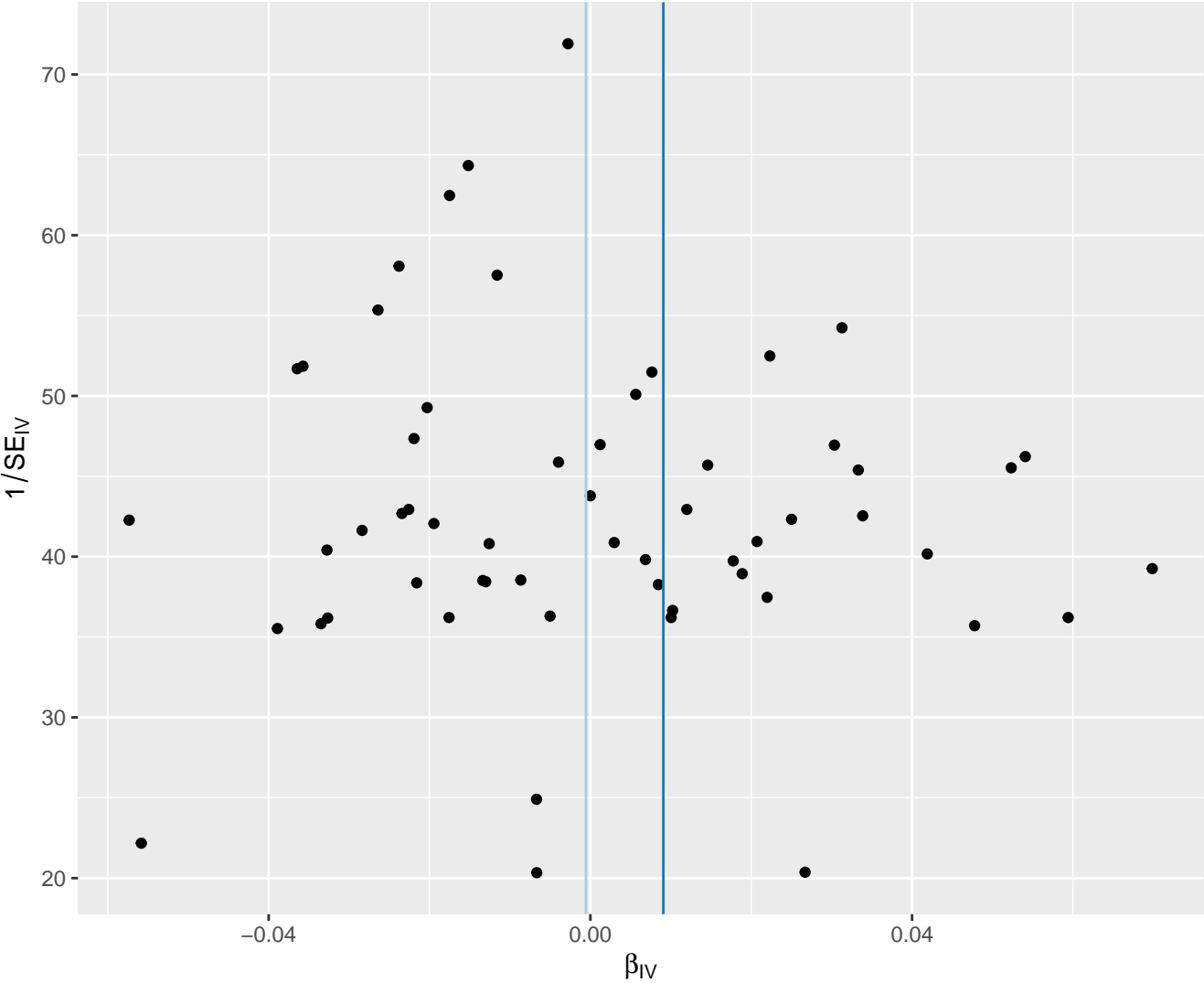
X-04357

MR Method



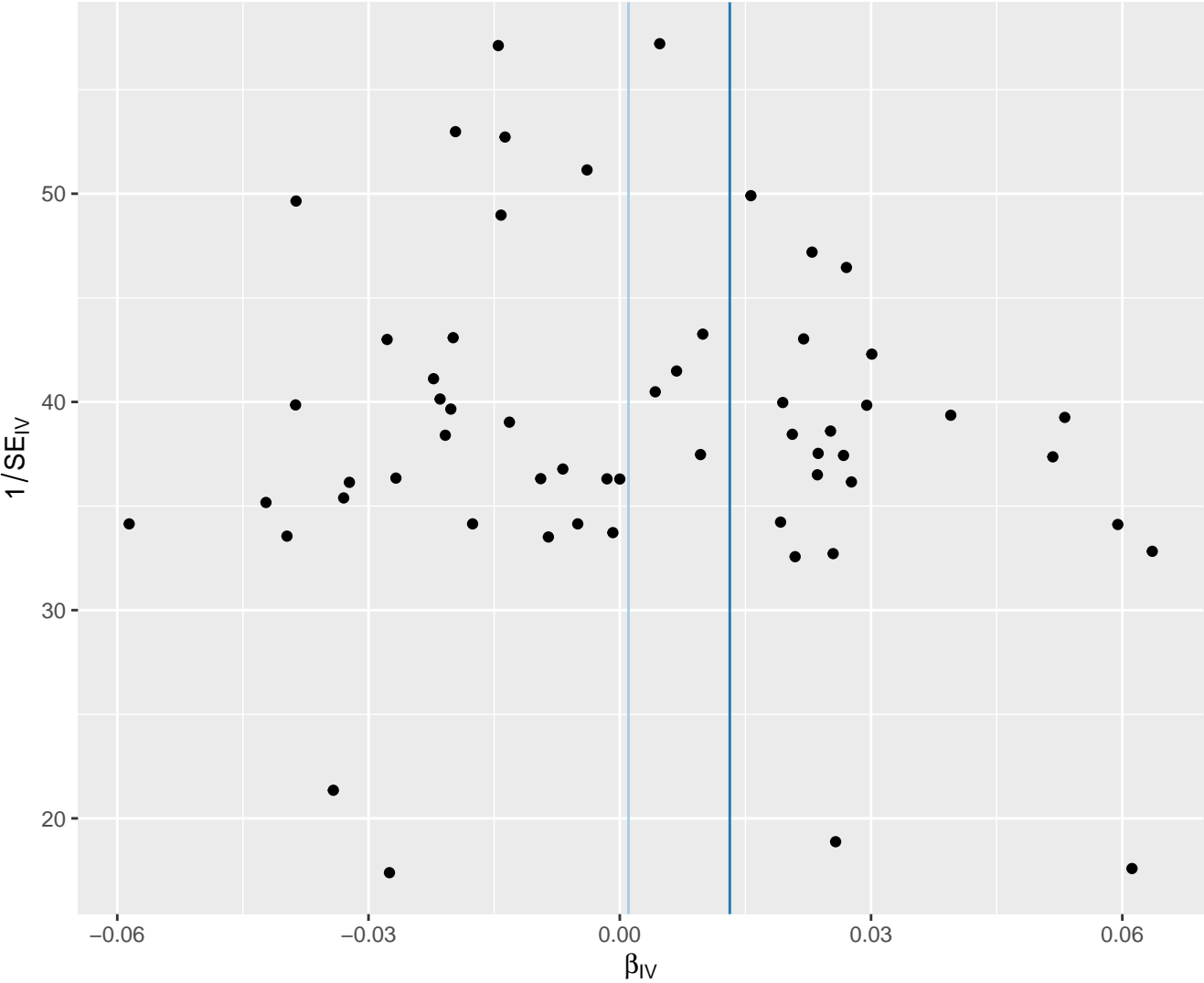
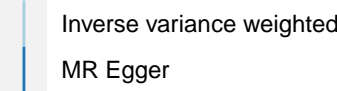
X-04494

MR Method



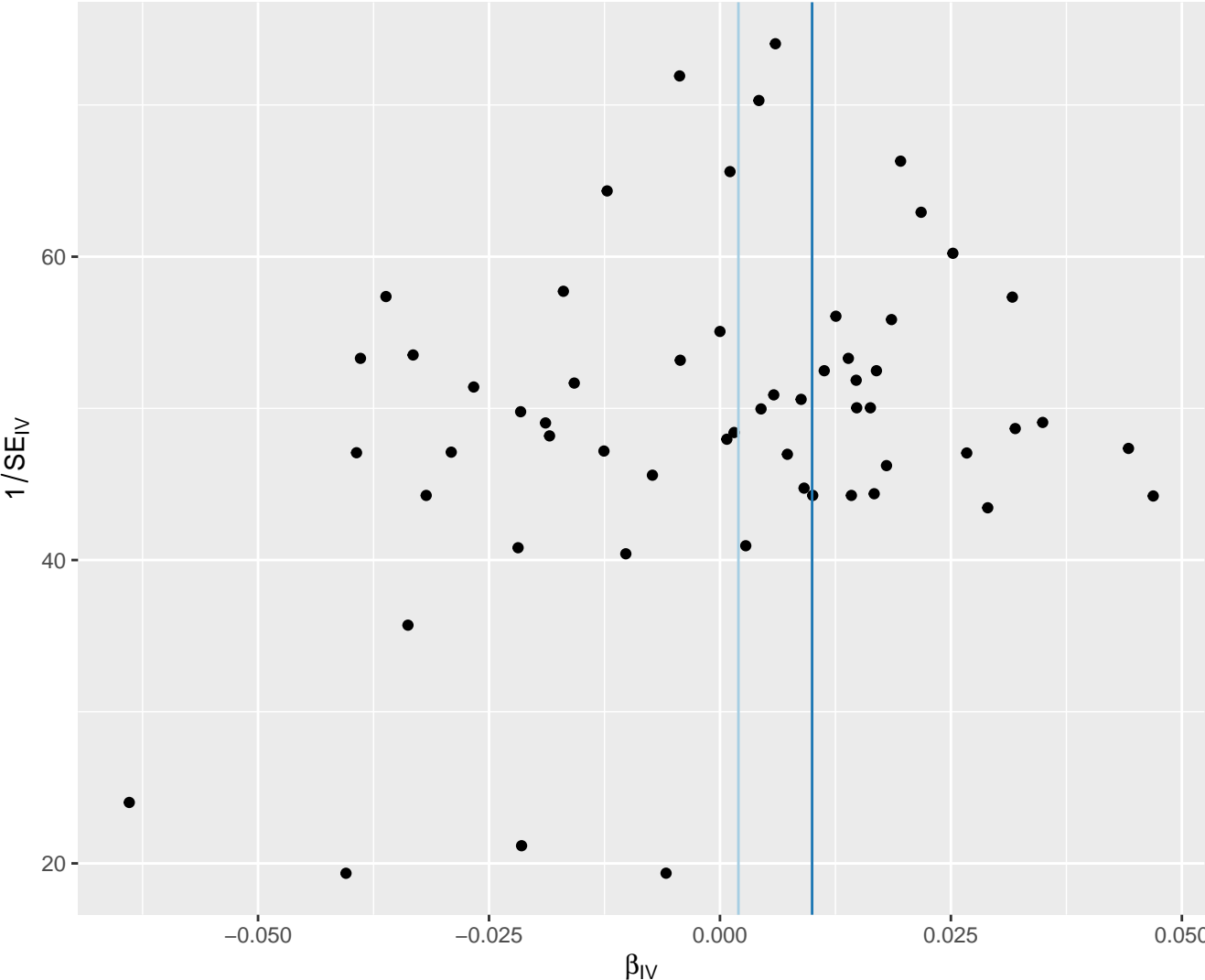
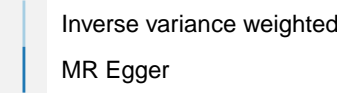
X-04495

MR Method



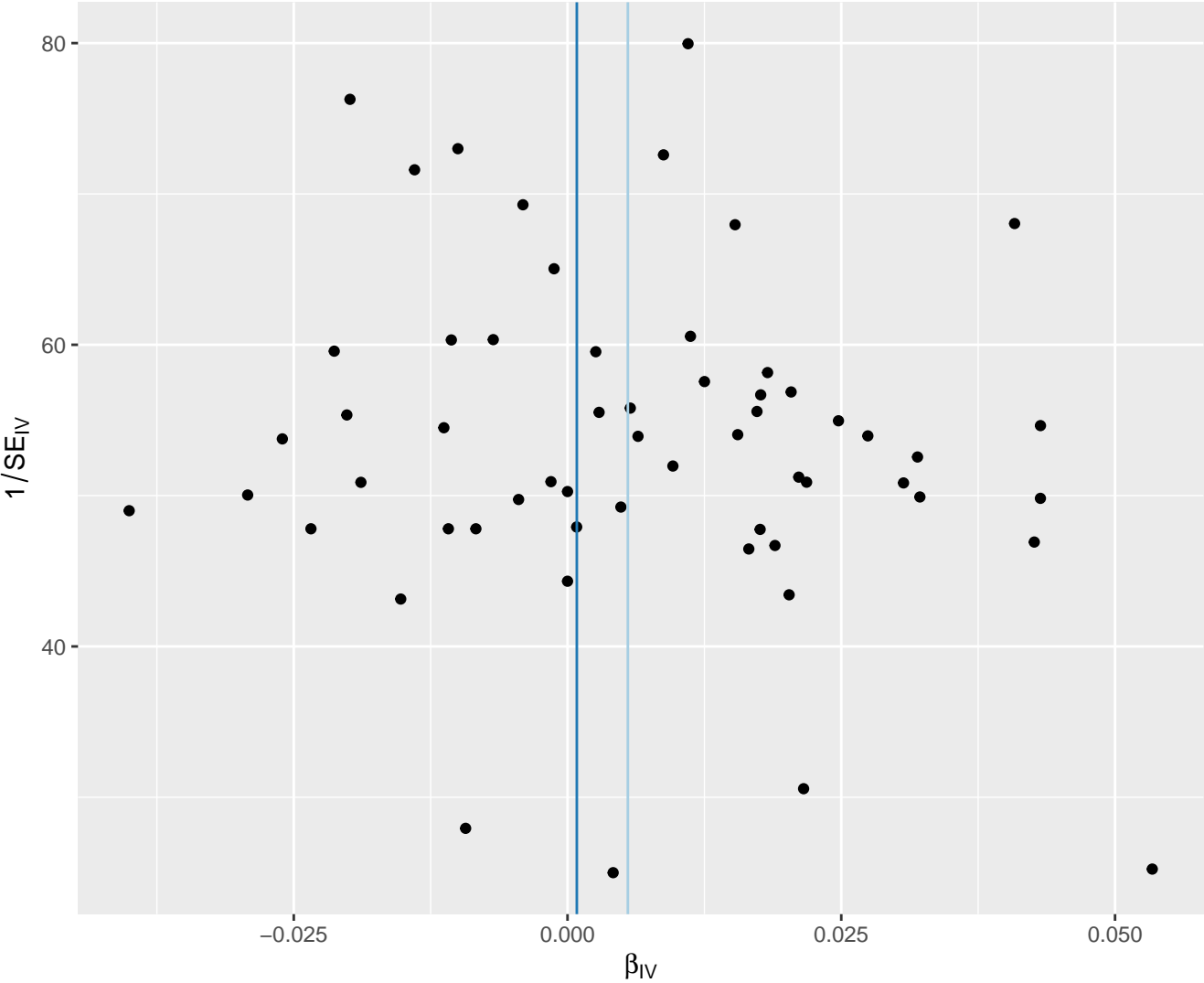
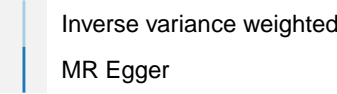
X-04498

MR Method



X-04499--3,4-dihydroxybutyrate

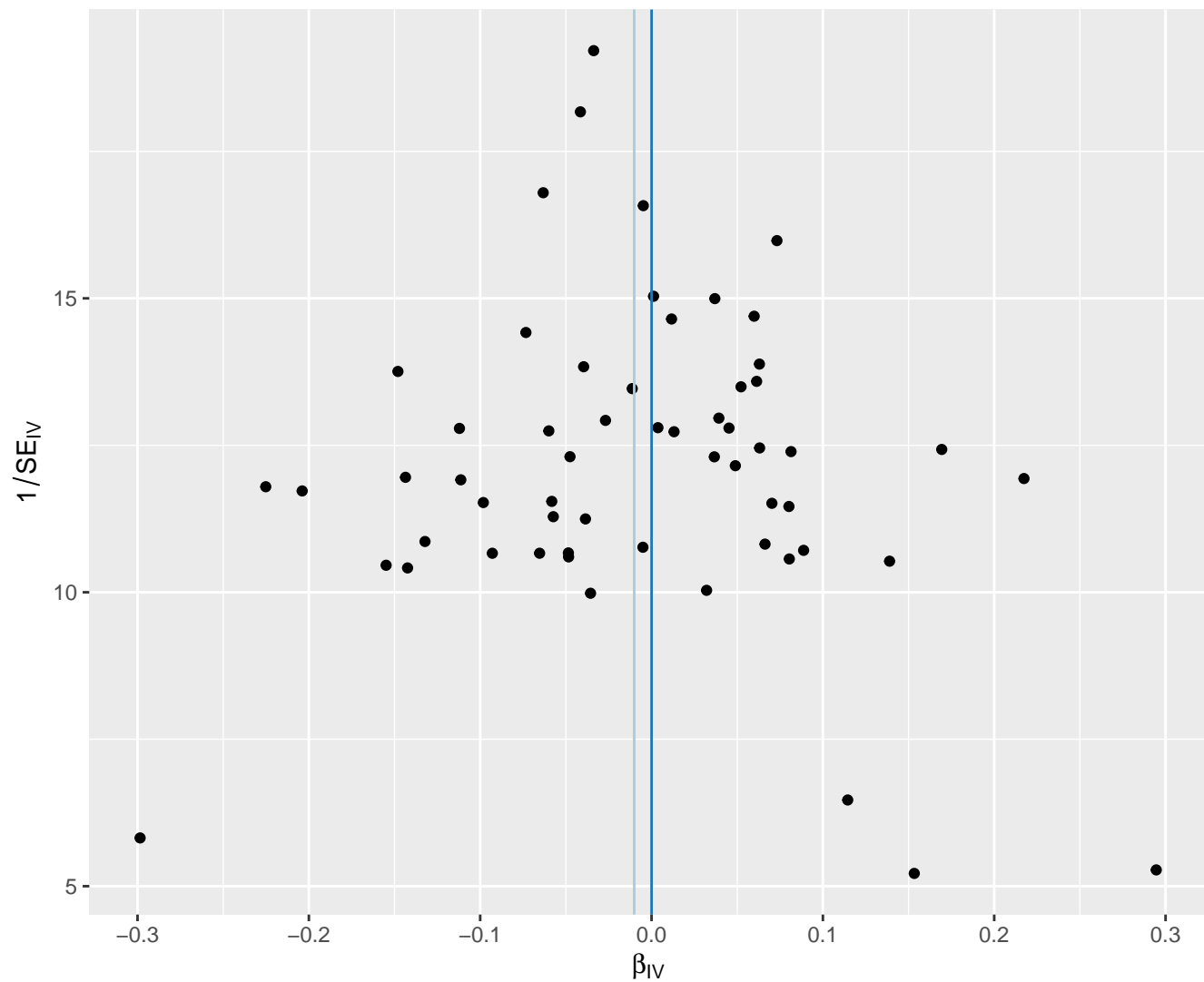
MR Method





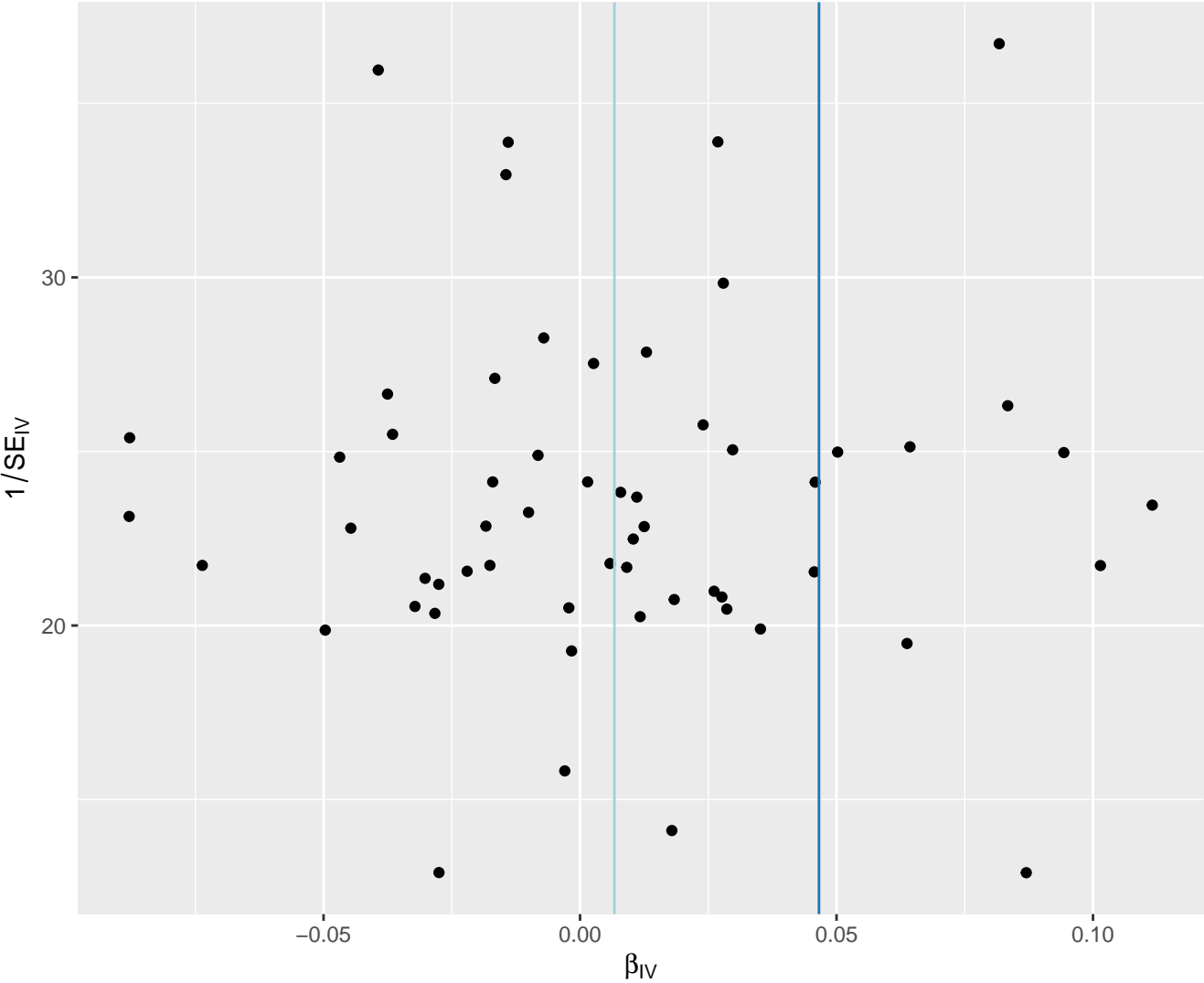
X-04500

MR Method



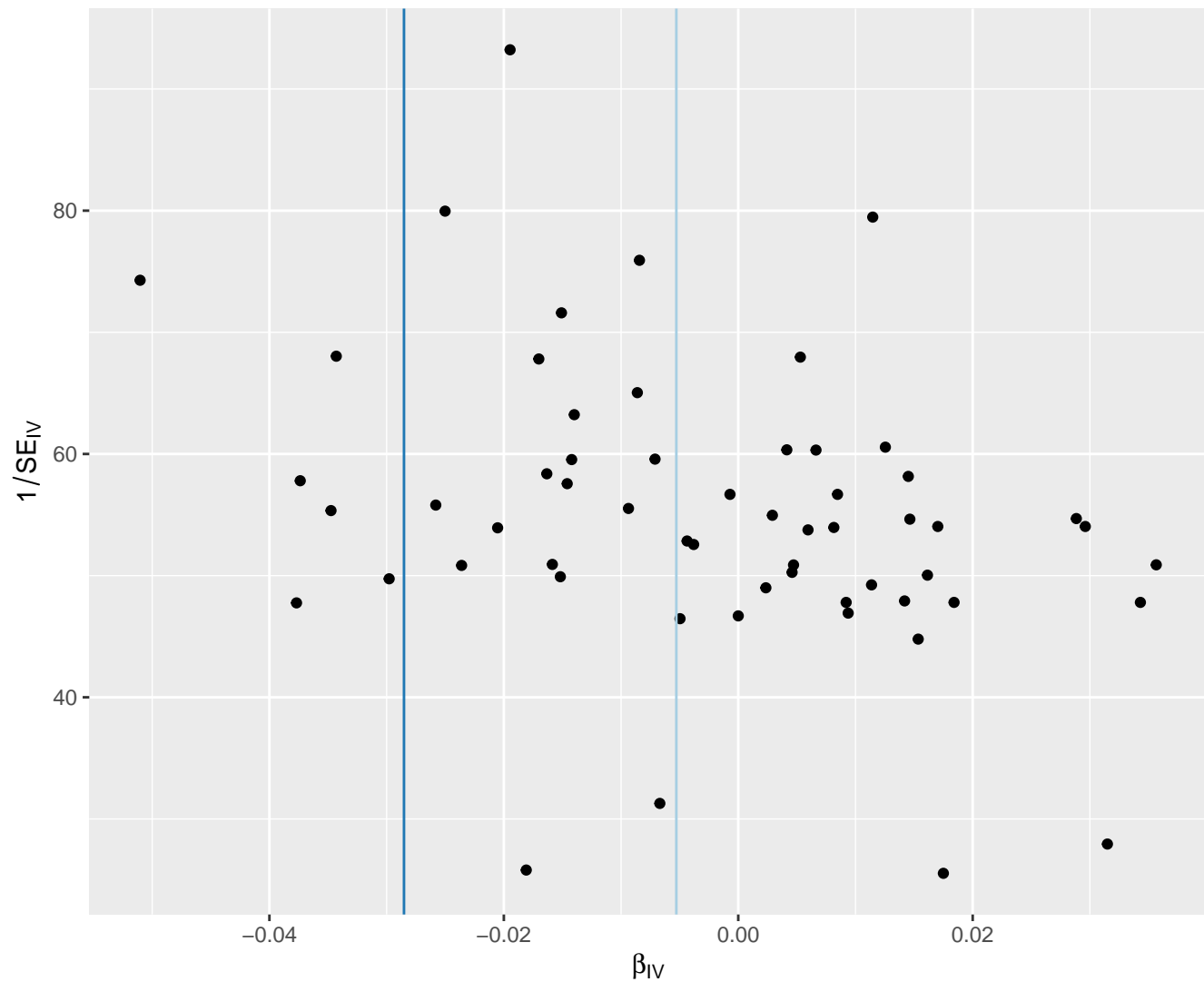
X-05426

MR Method



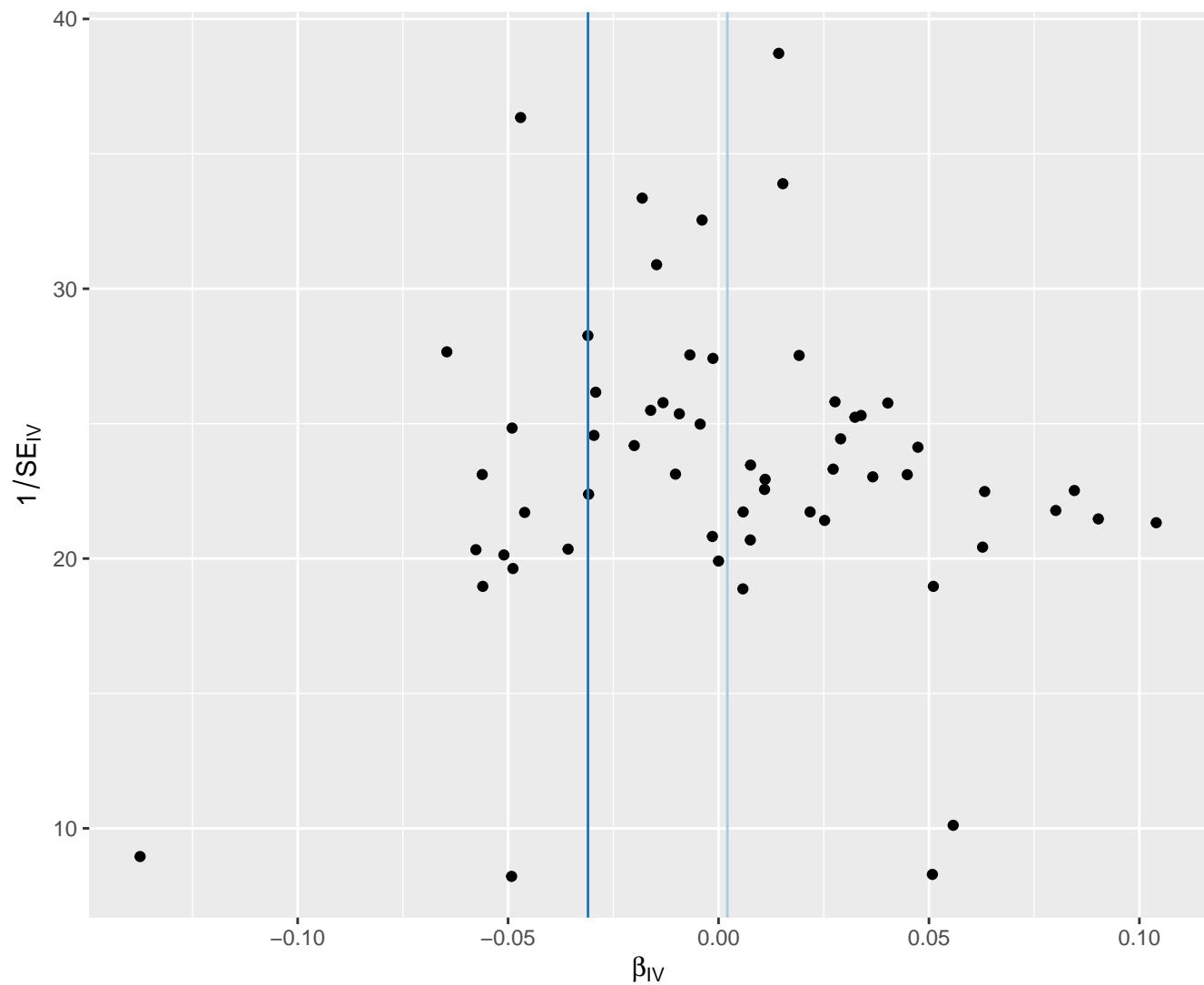
X-05907

MR Method



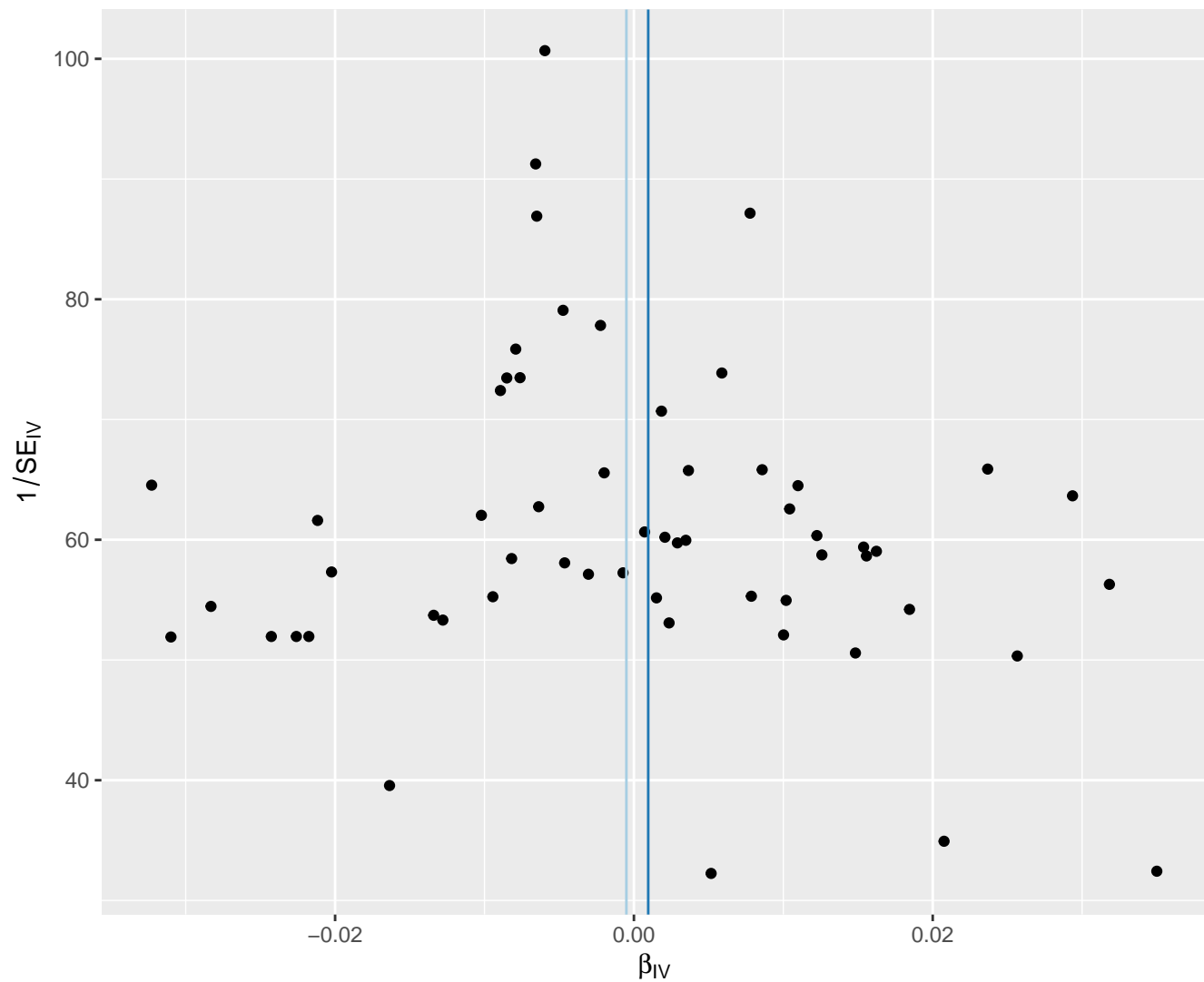
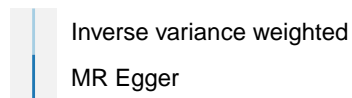
X-06126

MR Method



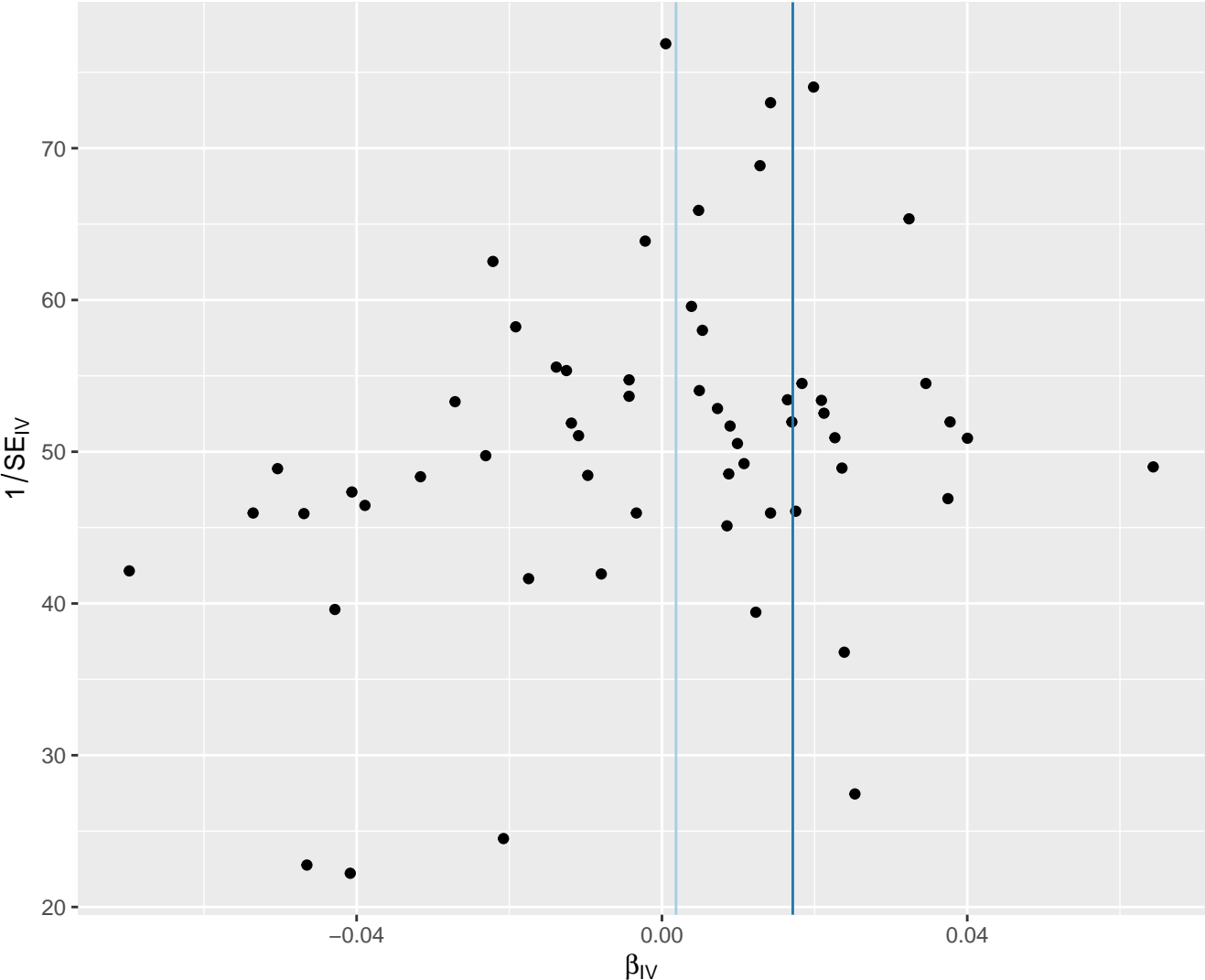
X-06226

MR Method



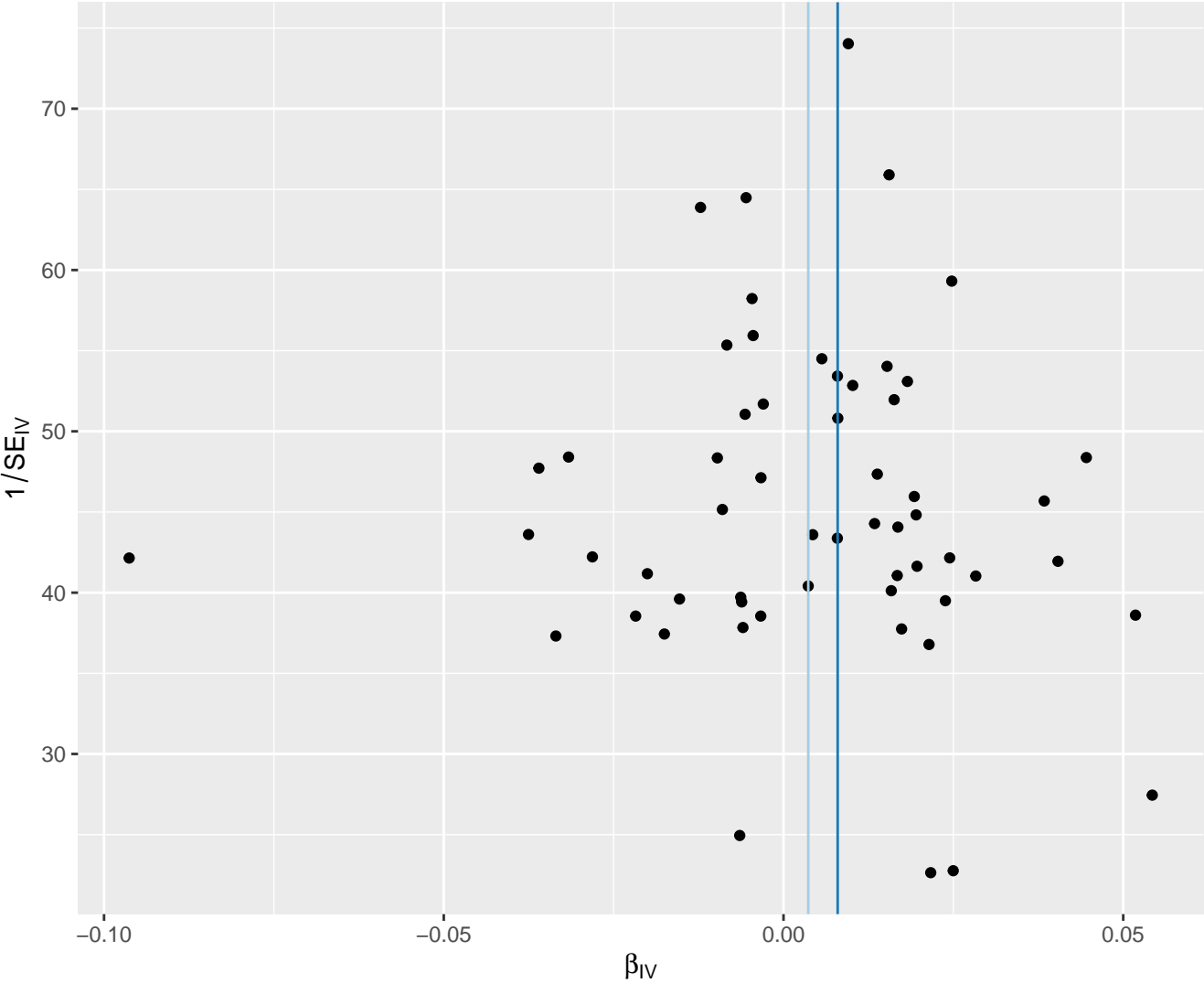
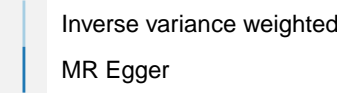
X-06246

MR Method



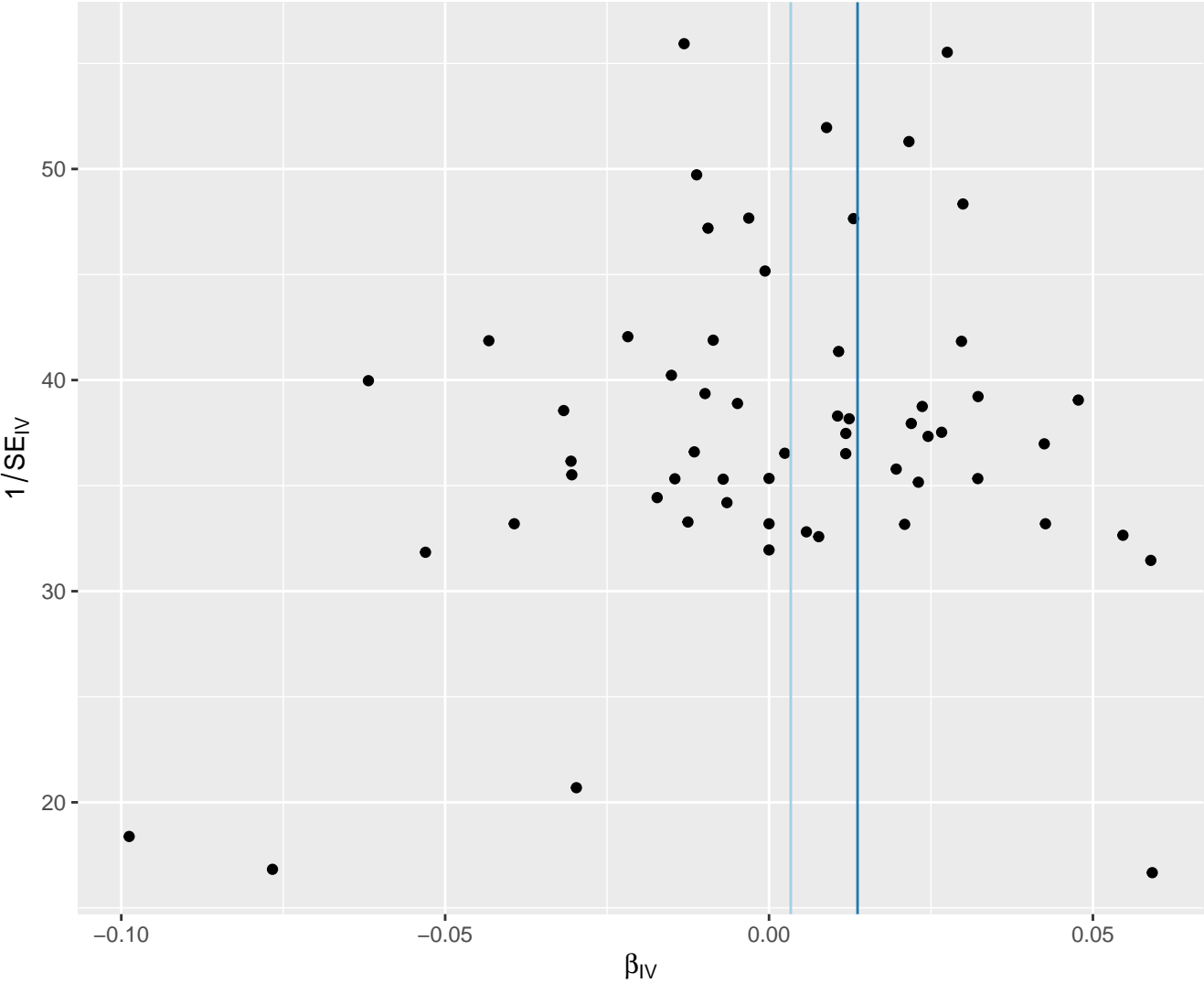
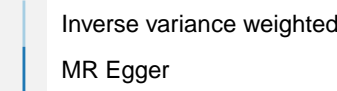
X-06267

MR Method



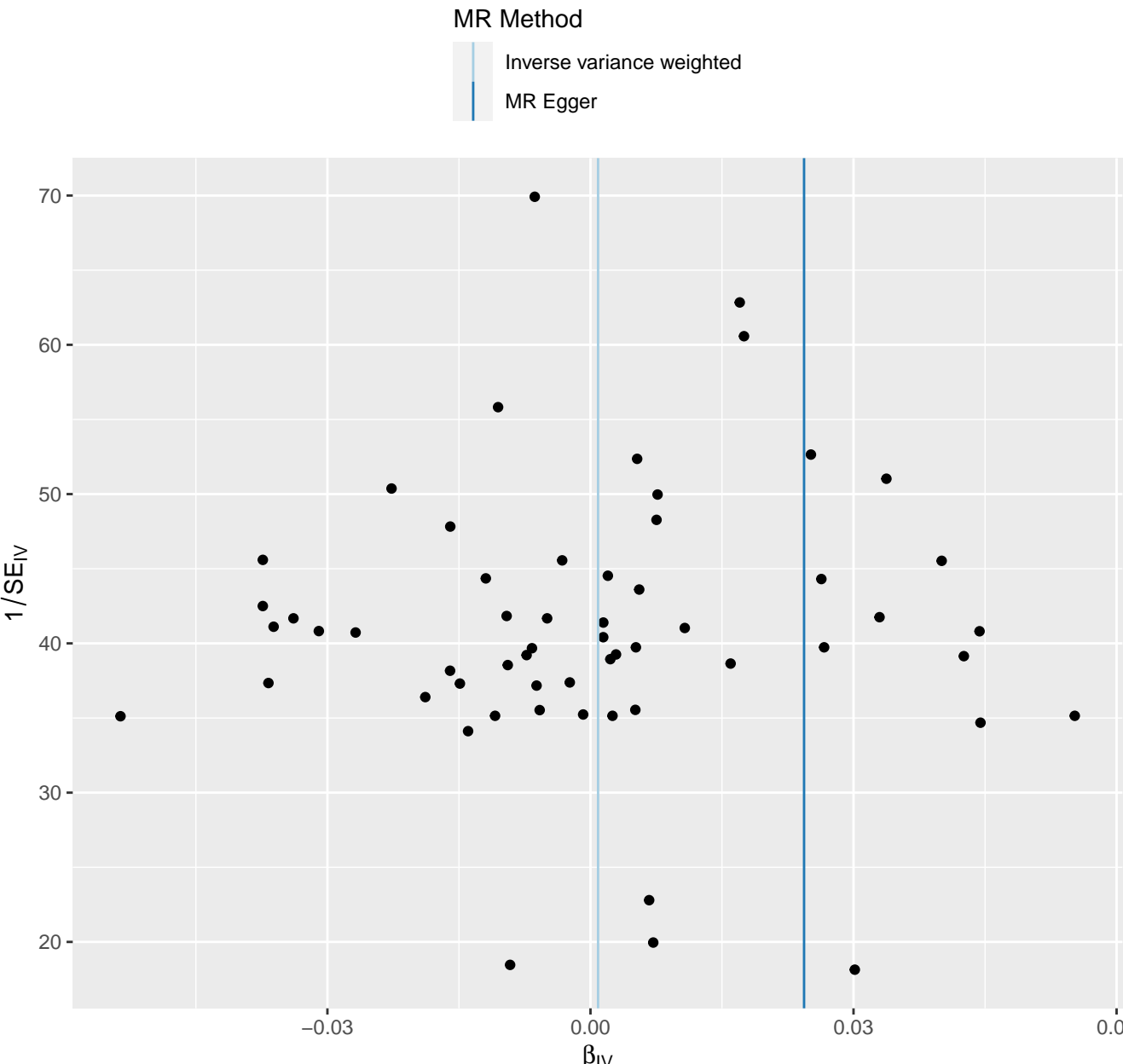
X-06307

MR Method



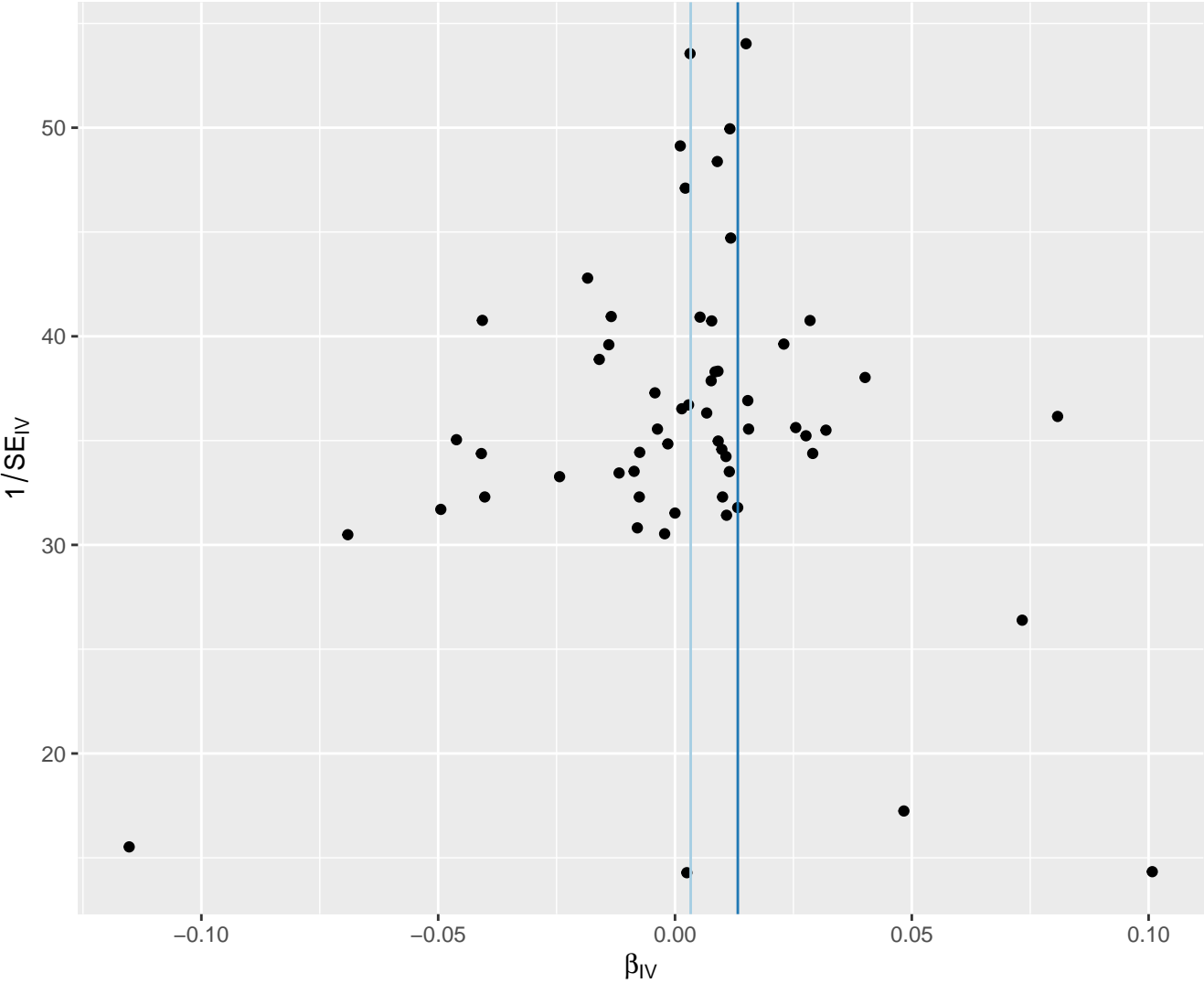


X-06350



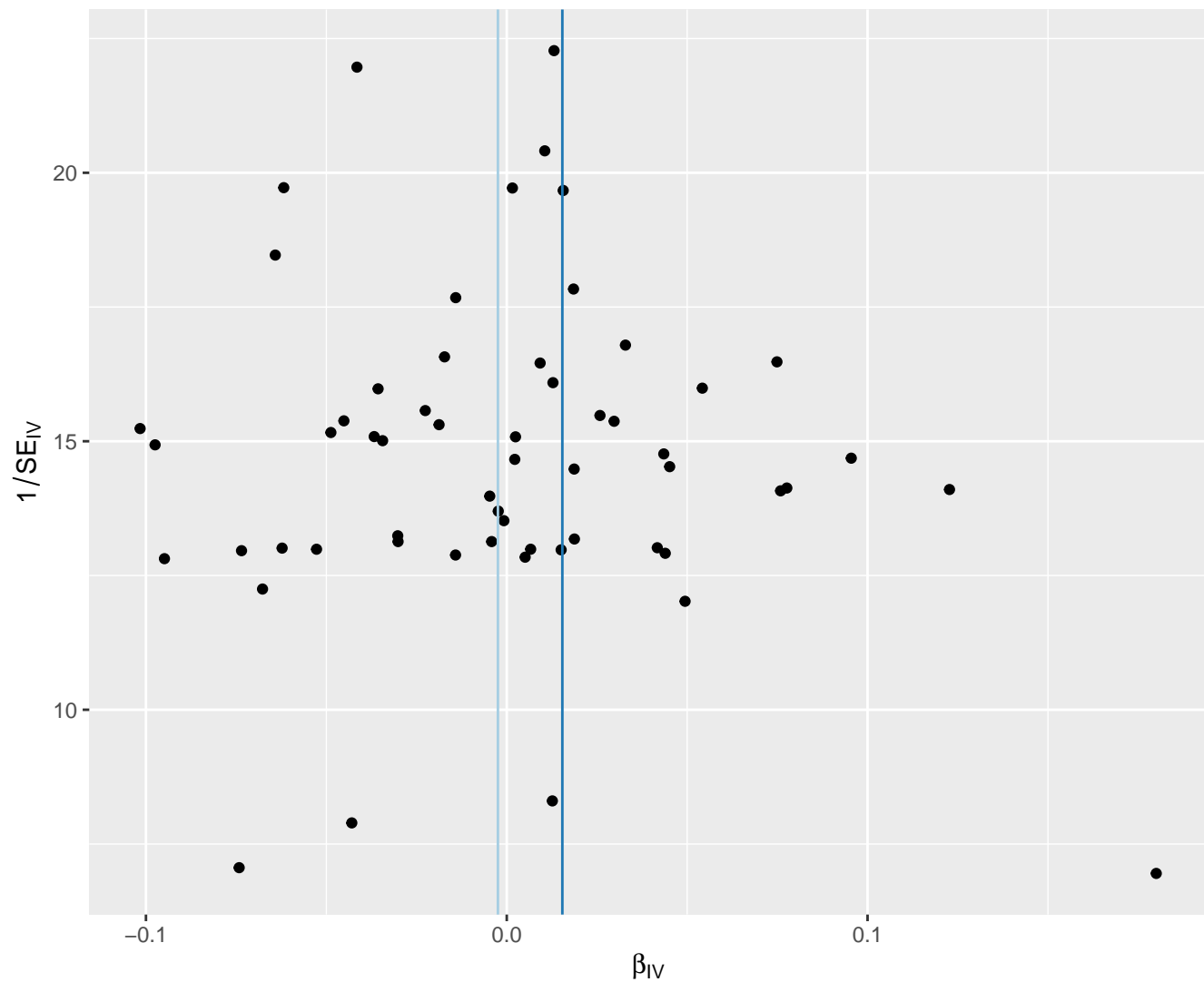
X-06351

MR Method



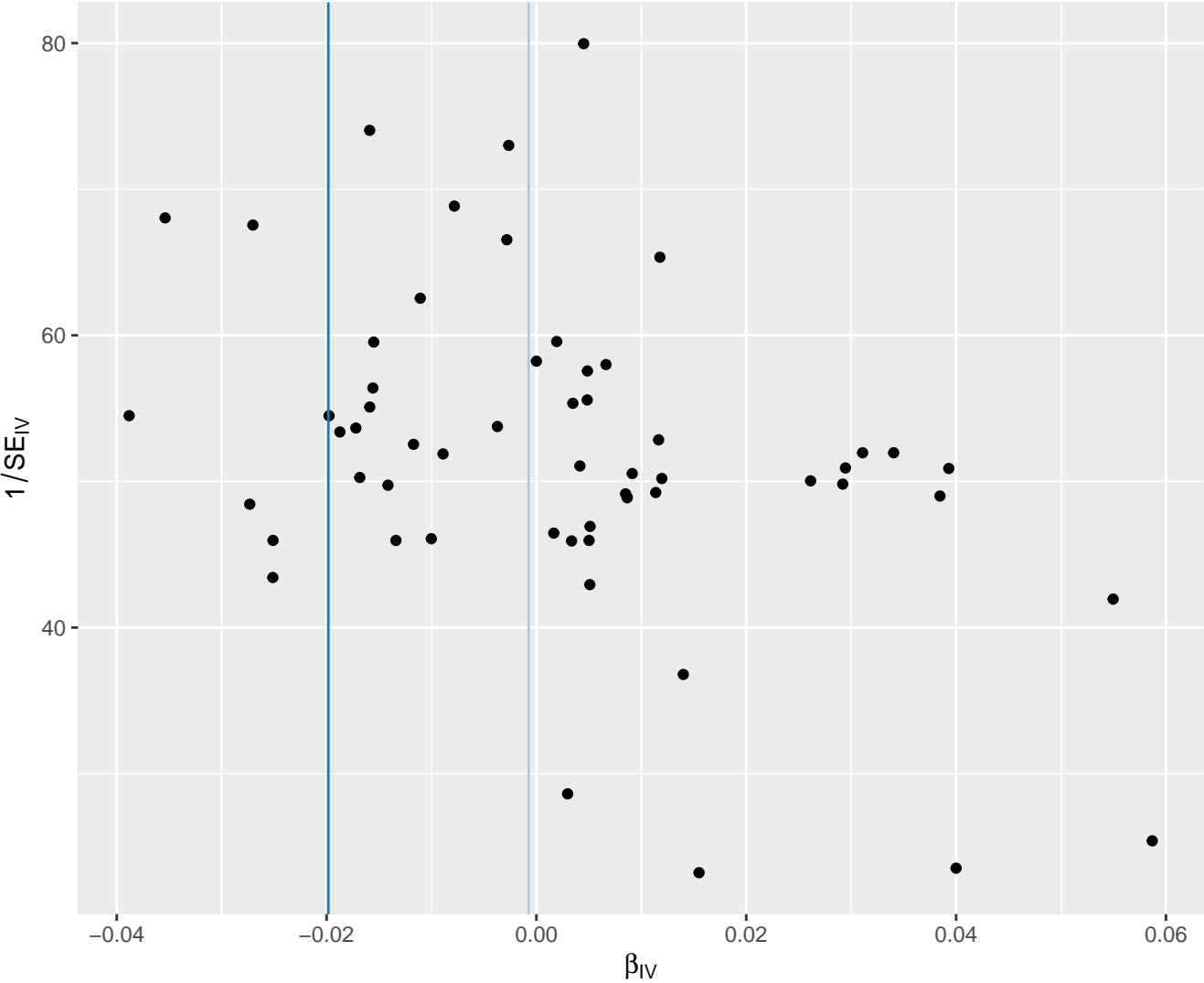
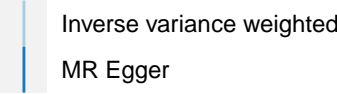
X-07765

MR Method



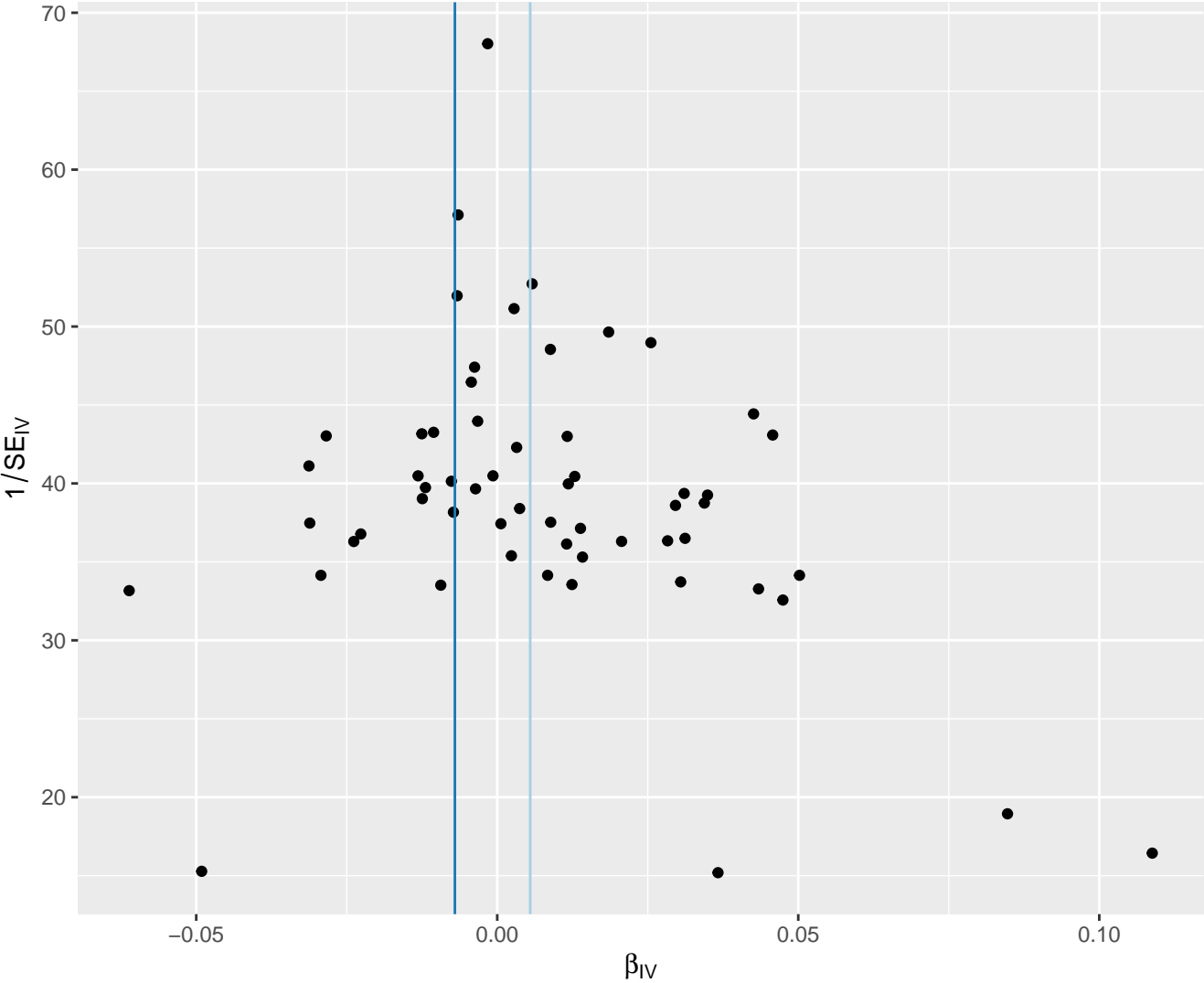
X-08402

MR Method



X-08766

MR Method



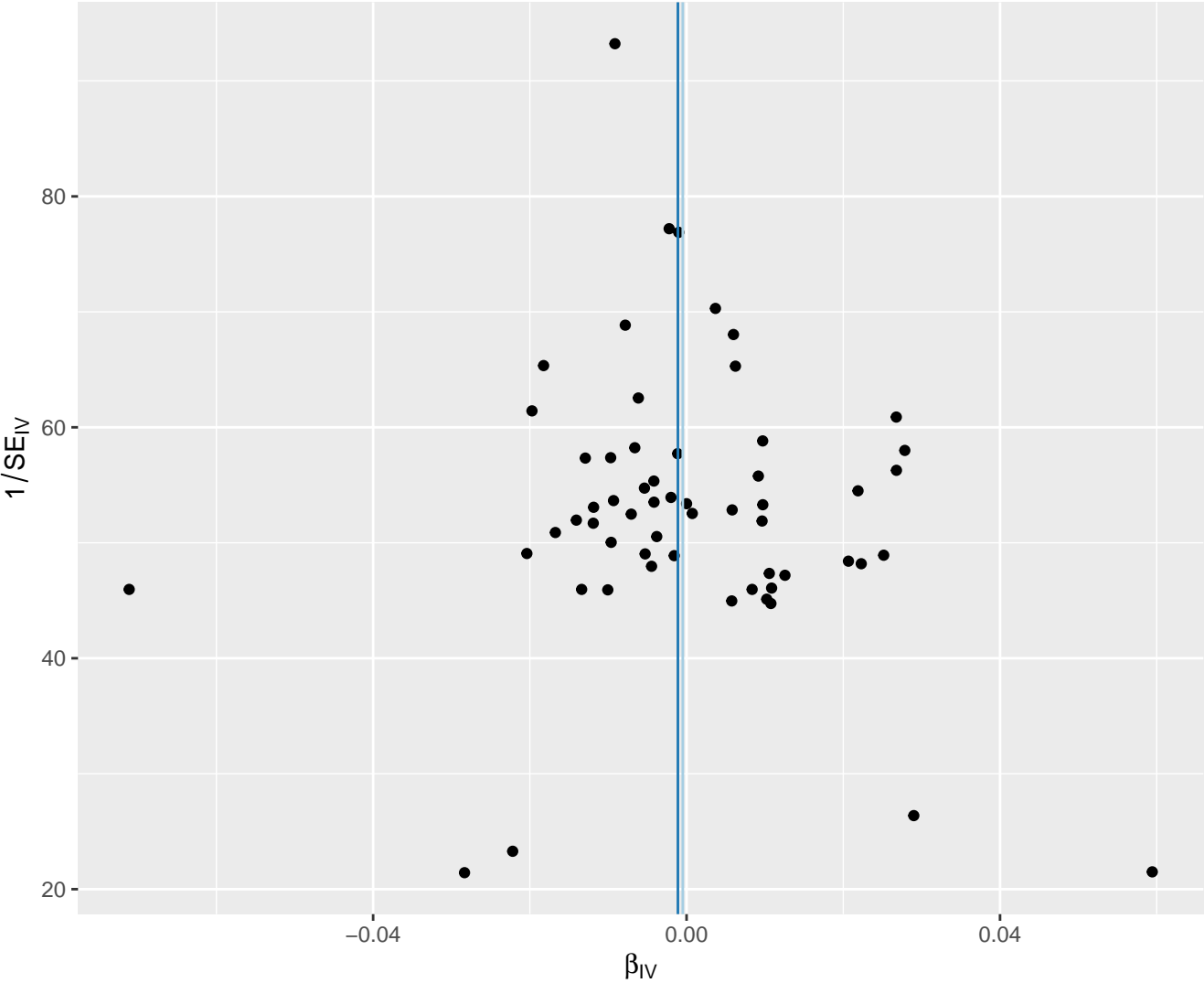
X-08988

MR Method



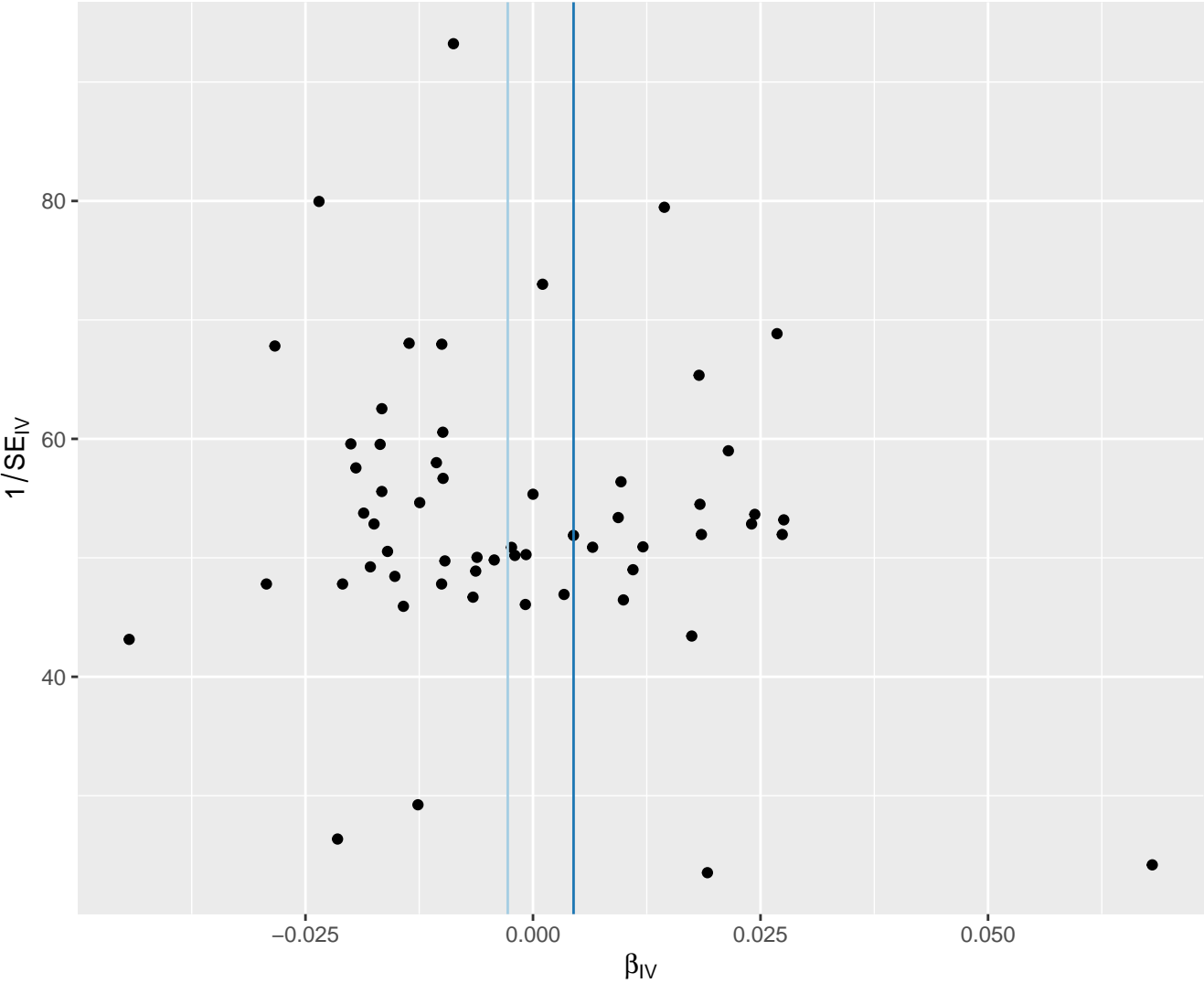
Inverse variance weighted

MR Egger



X-09026

MR Method

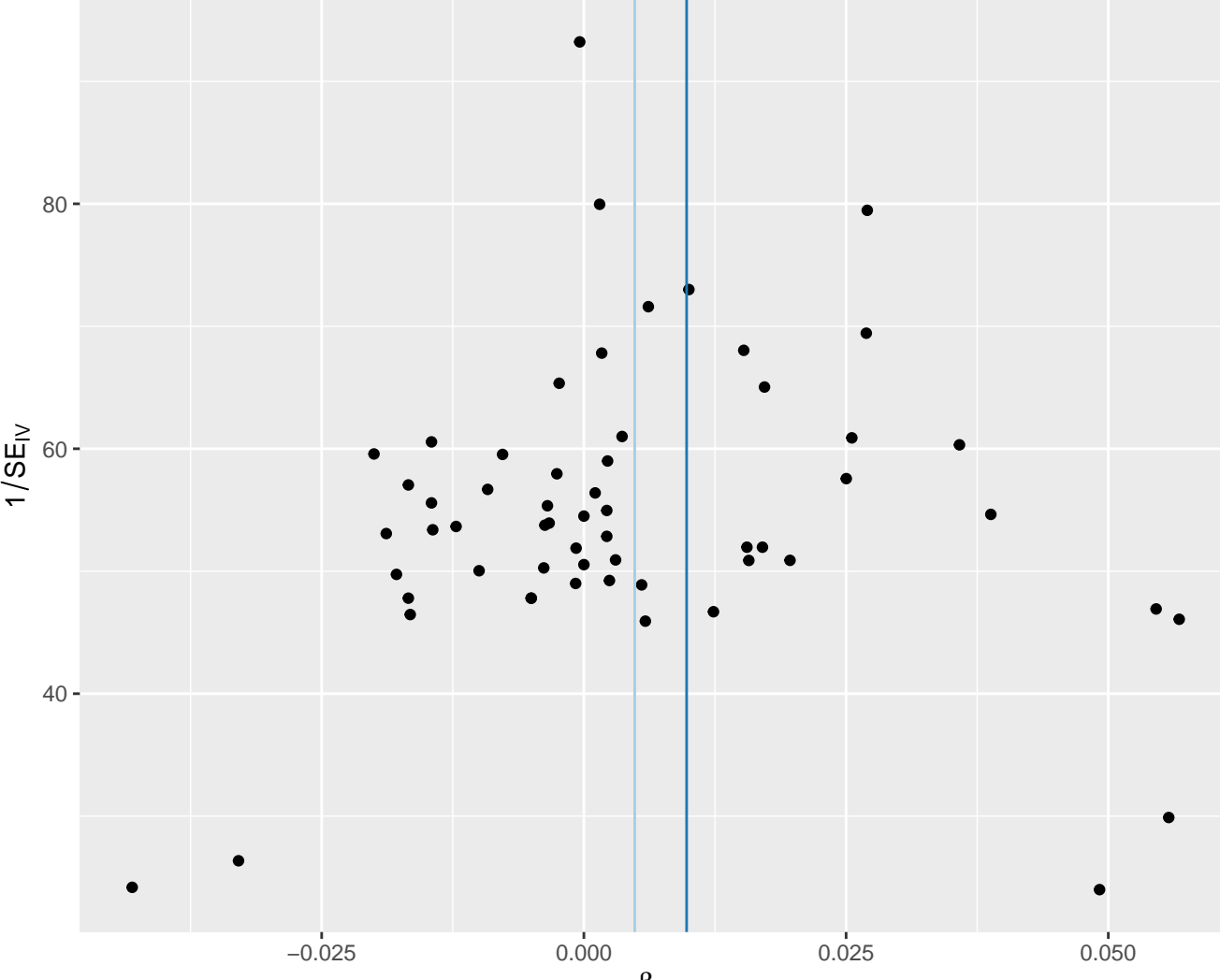


X-09108

## MR Method

## Inverse variance weighted

MR Egger



## MR Method

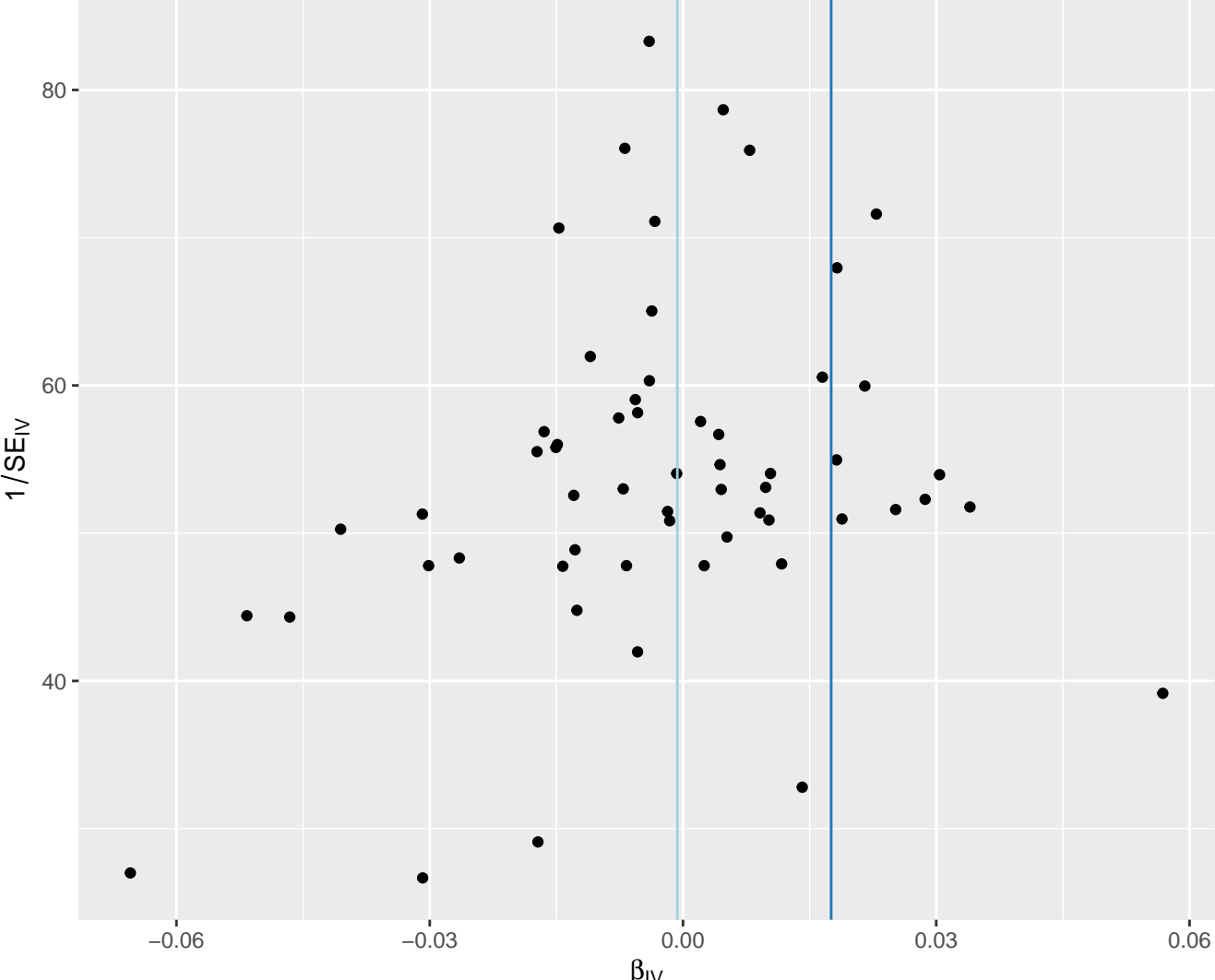


X-09706

## MR Method

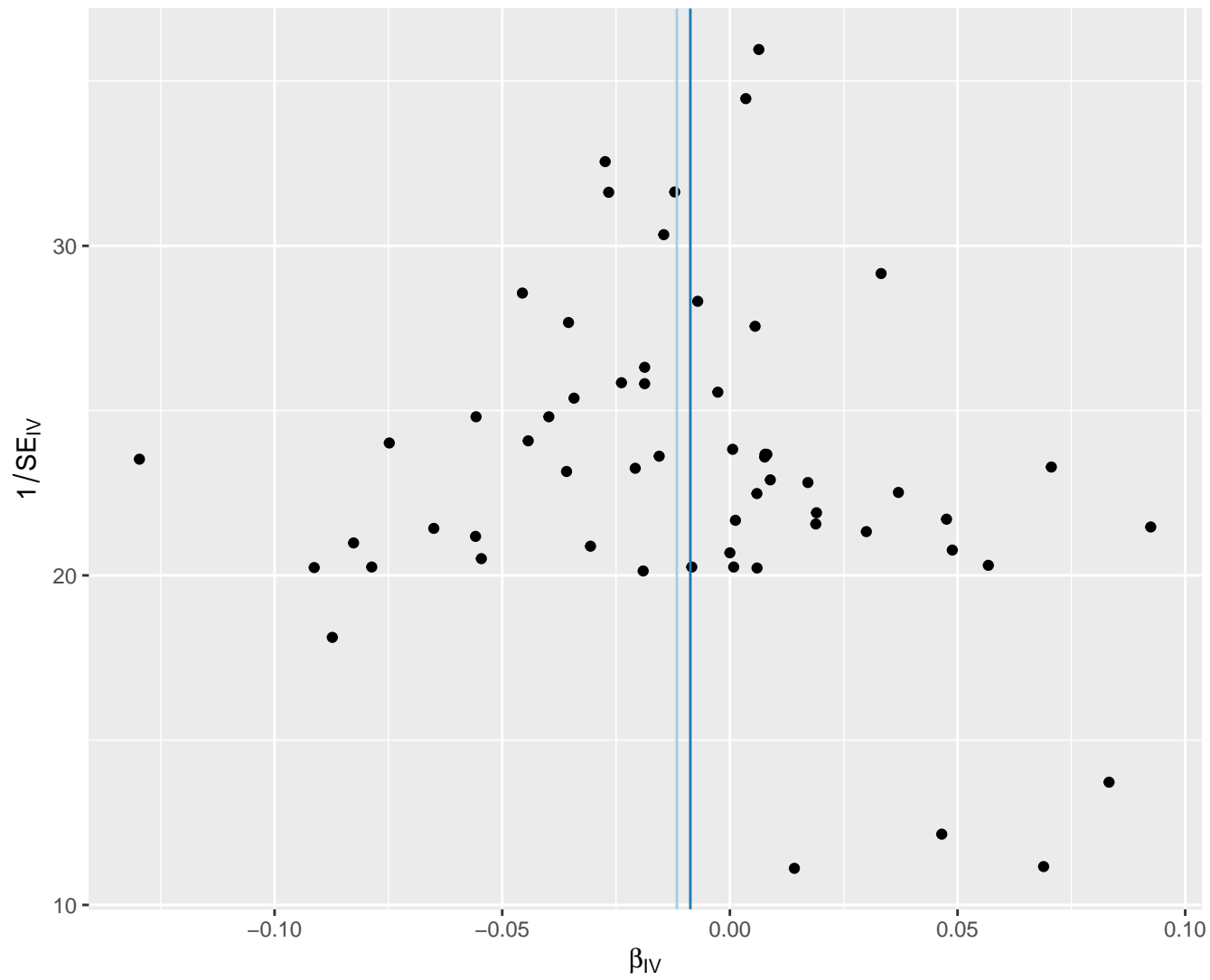
Inverse variance weighted

MR Egger



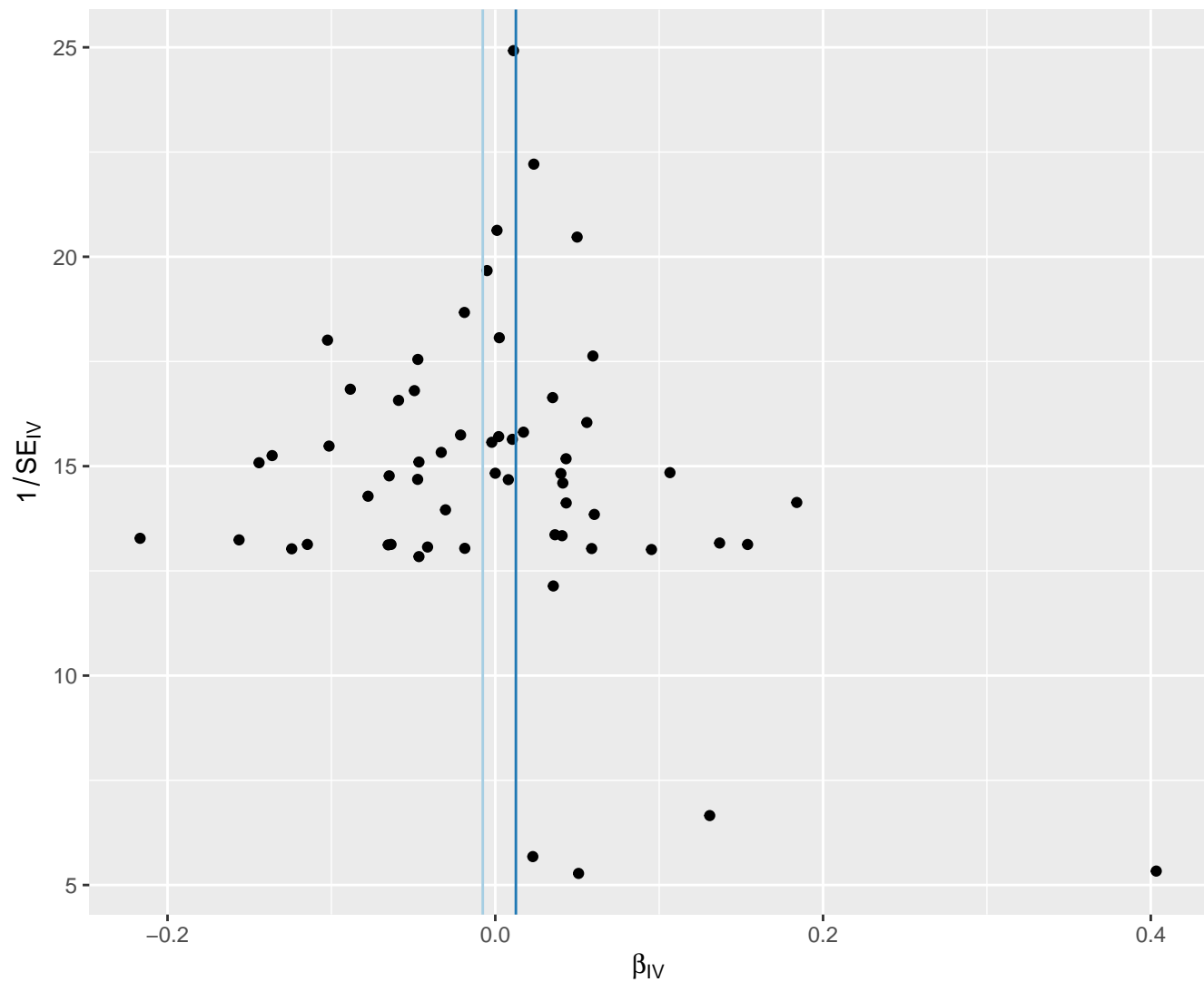
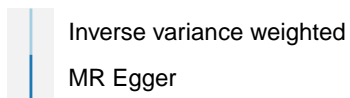
X-09789

MR Method

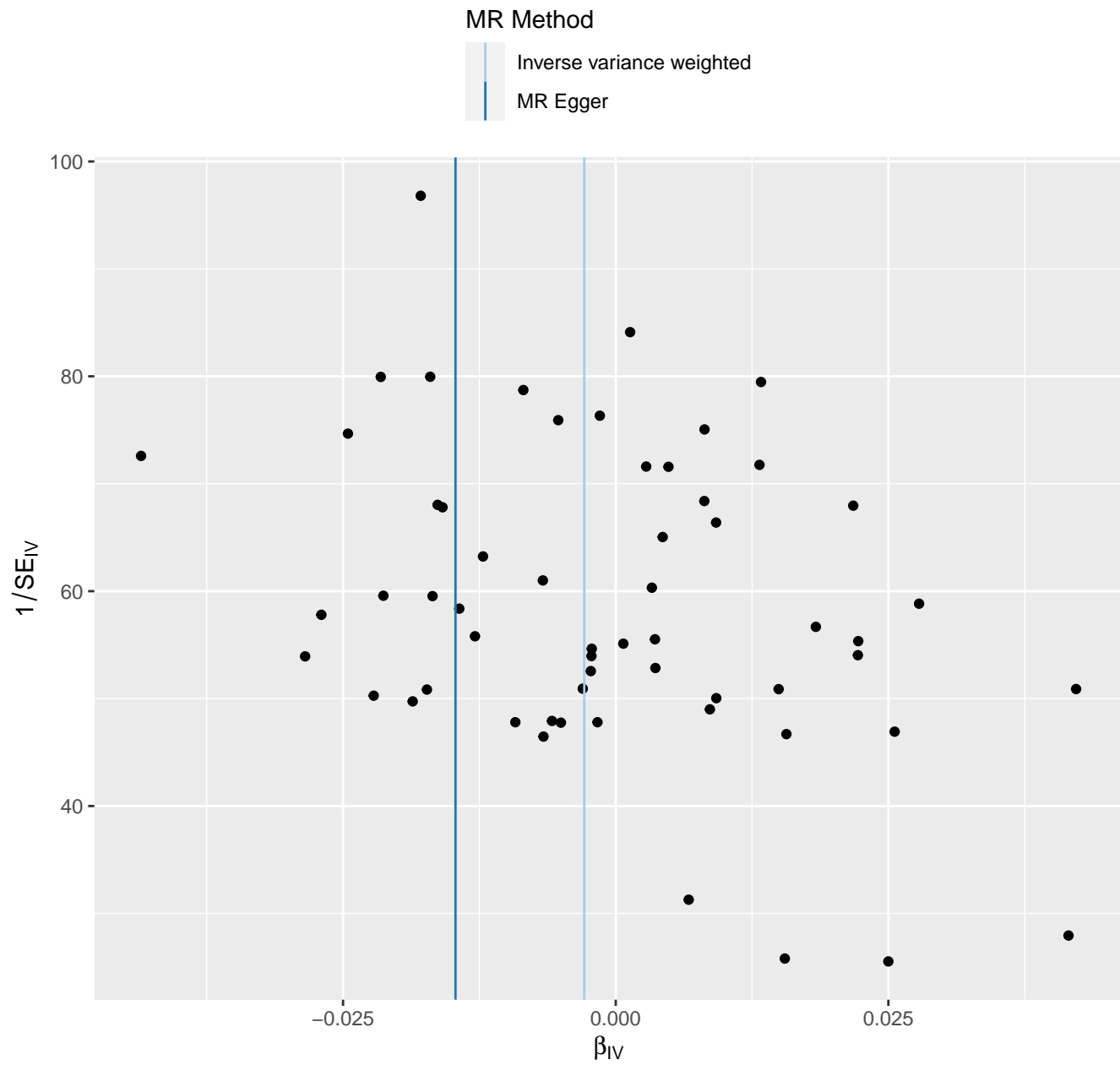


X-10346

MR Method

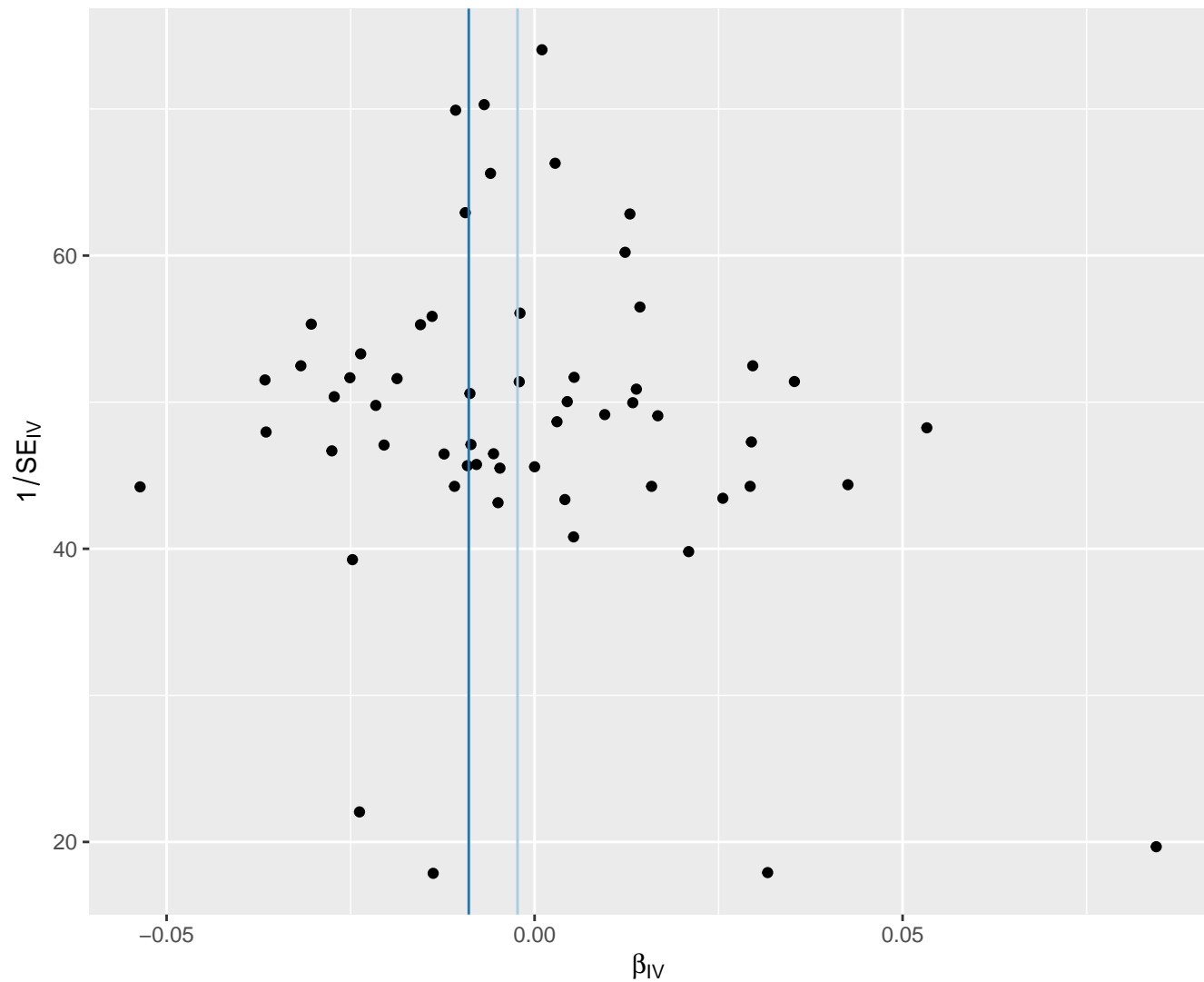
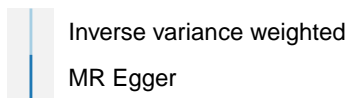


X-10395



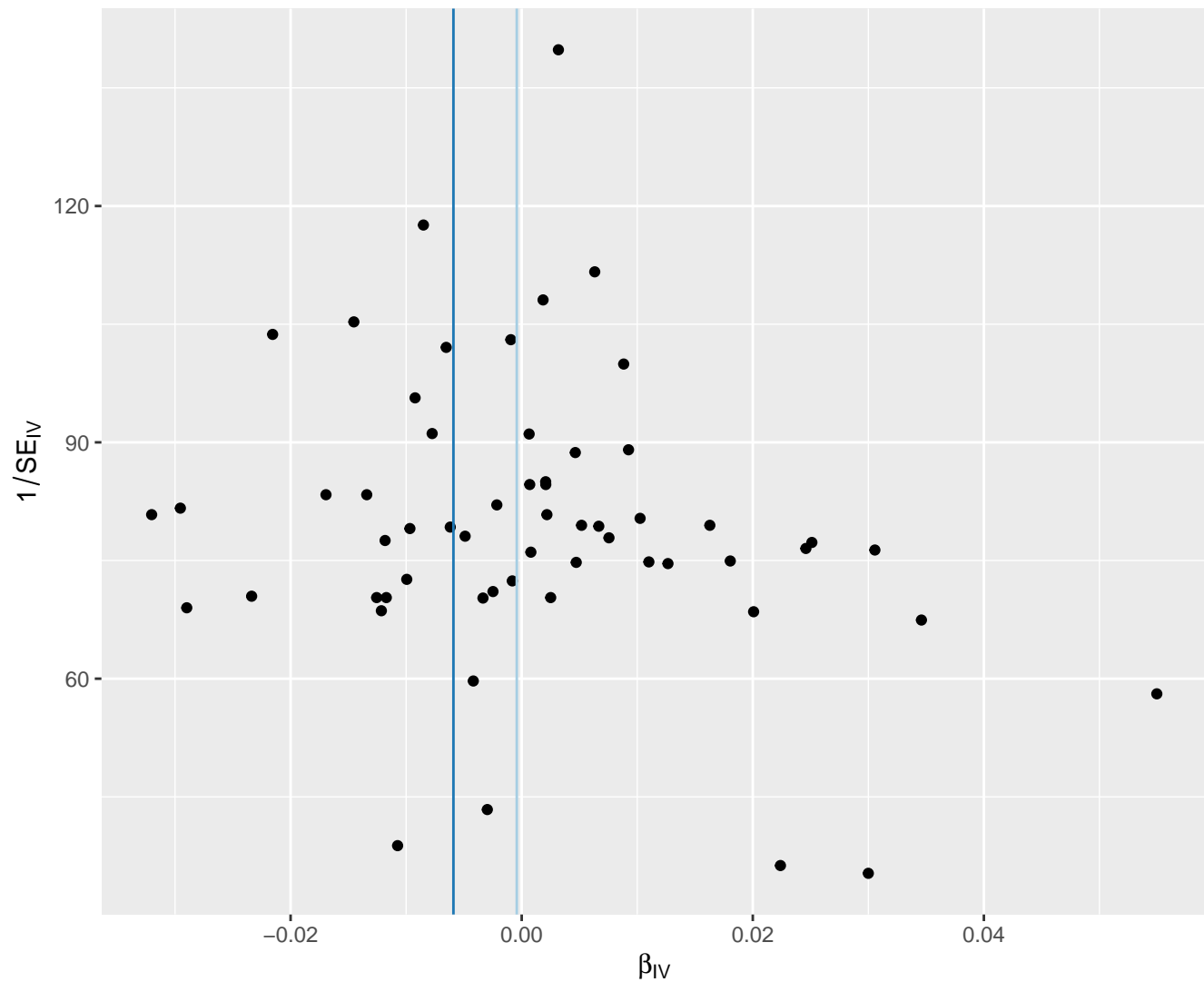
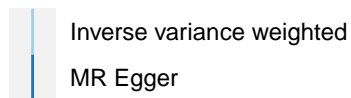
X-10429

MR Method



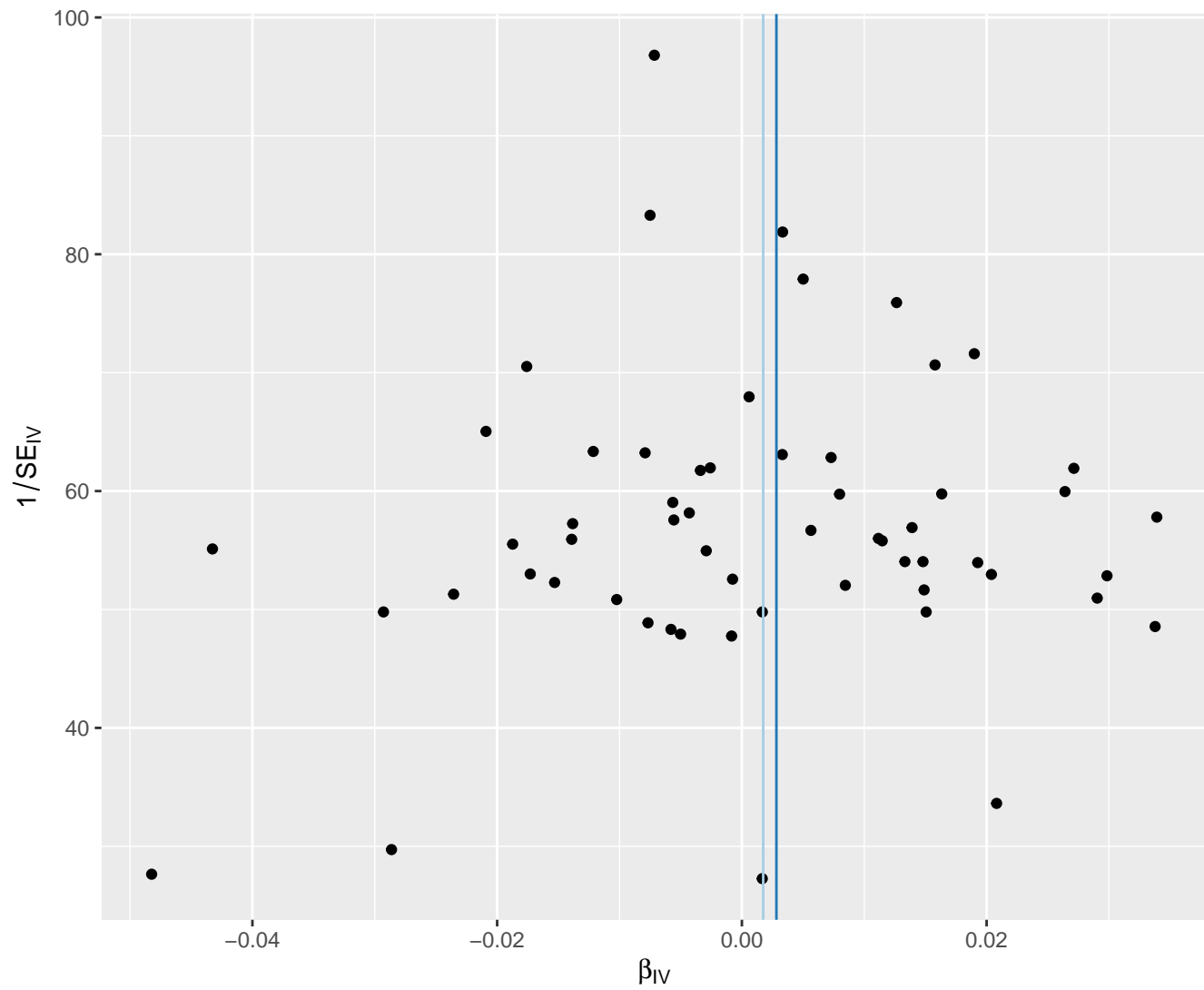
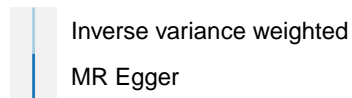
X-10500

MR Method



X-10506

MR Method

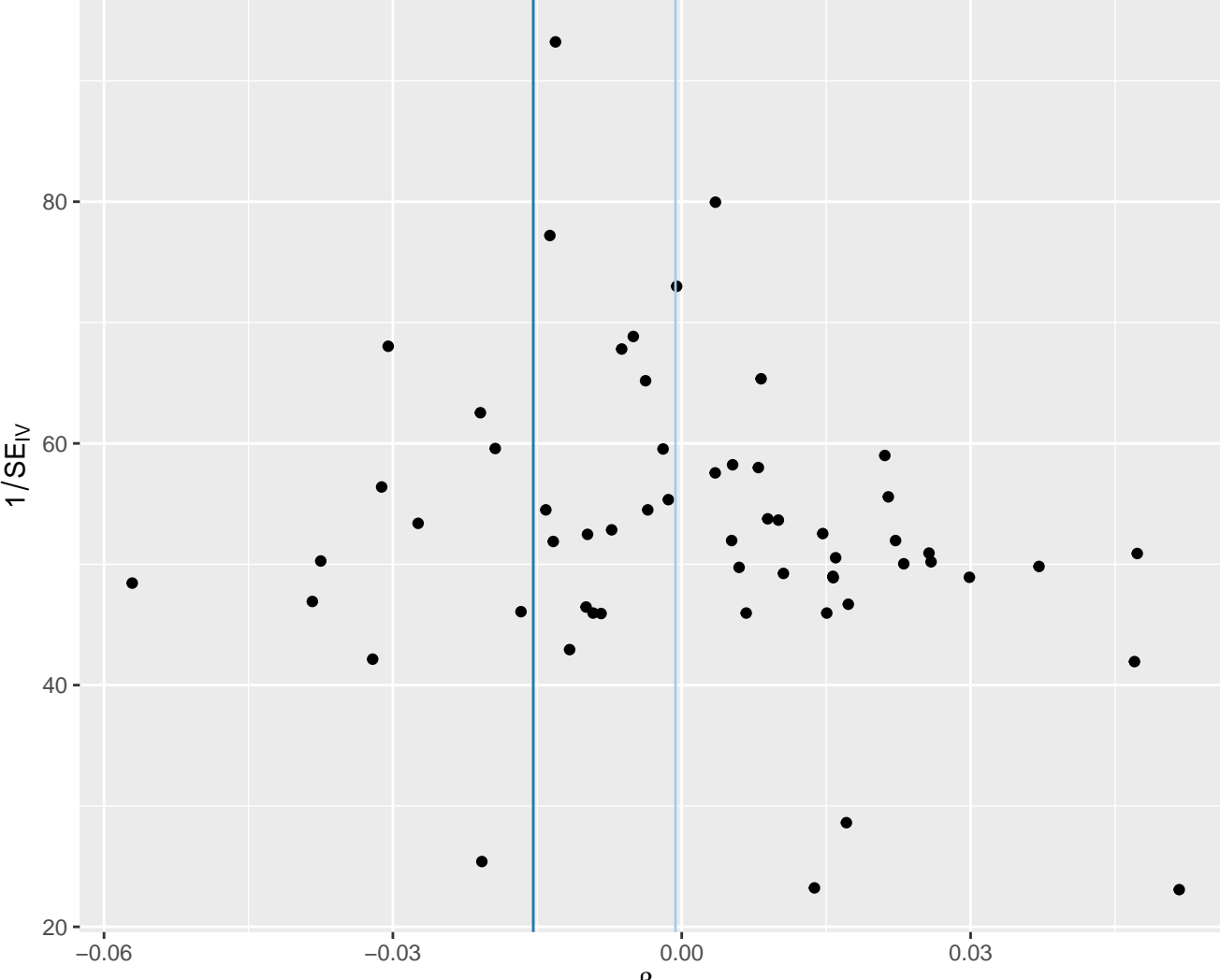


# X-10510

## MR Method

Inverse variance weighted

MR Egger

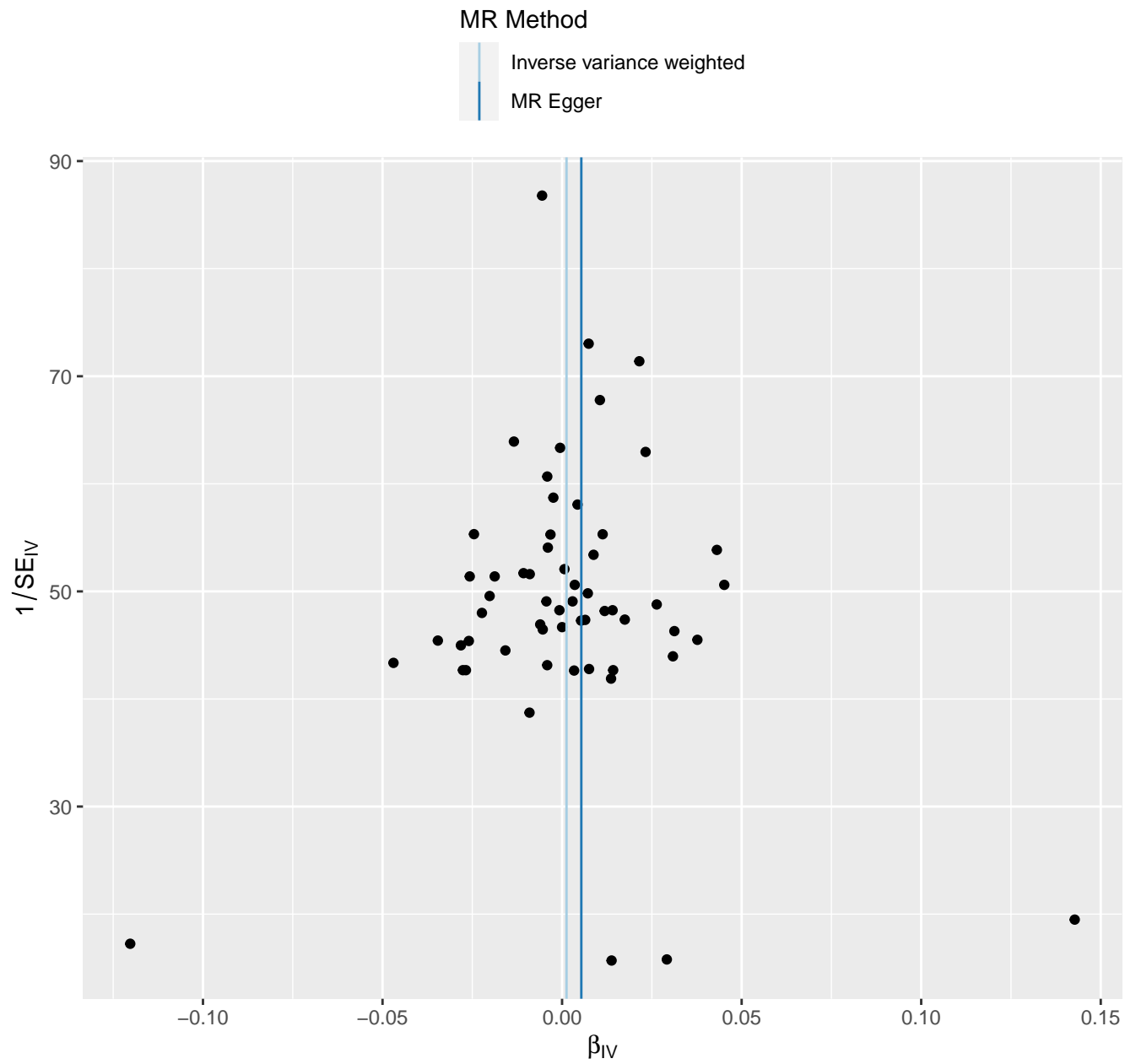


Inverse variance weighted

MR Egger

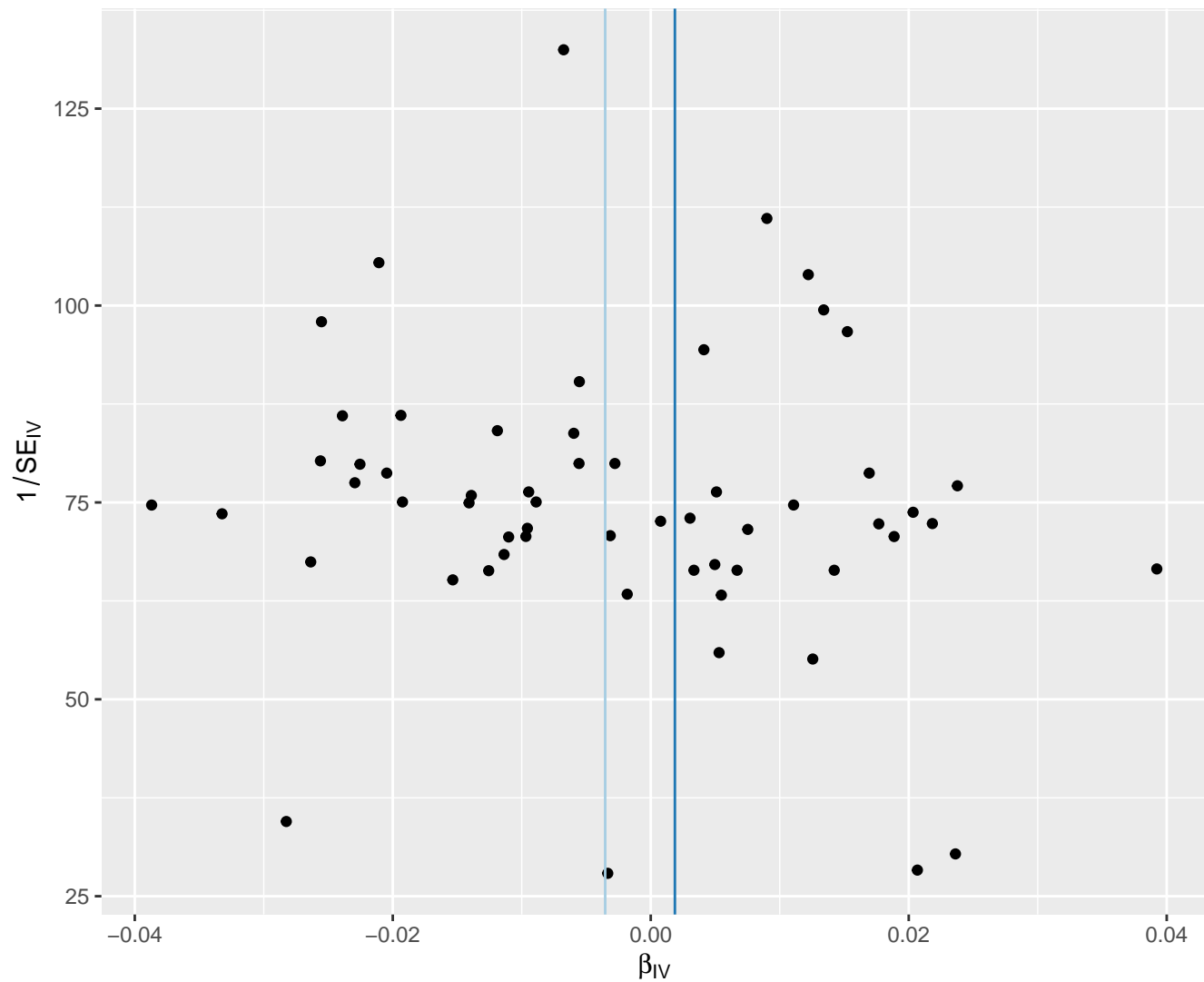
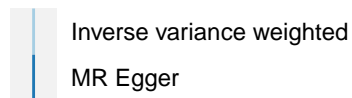


X-10810



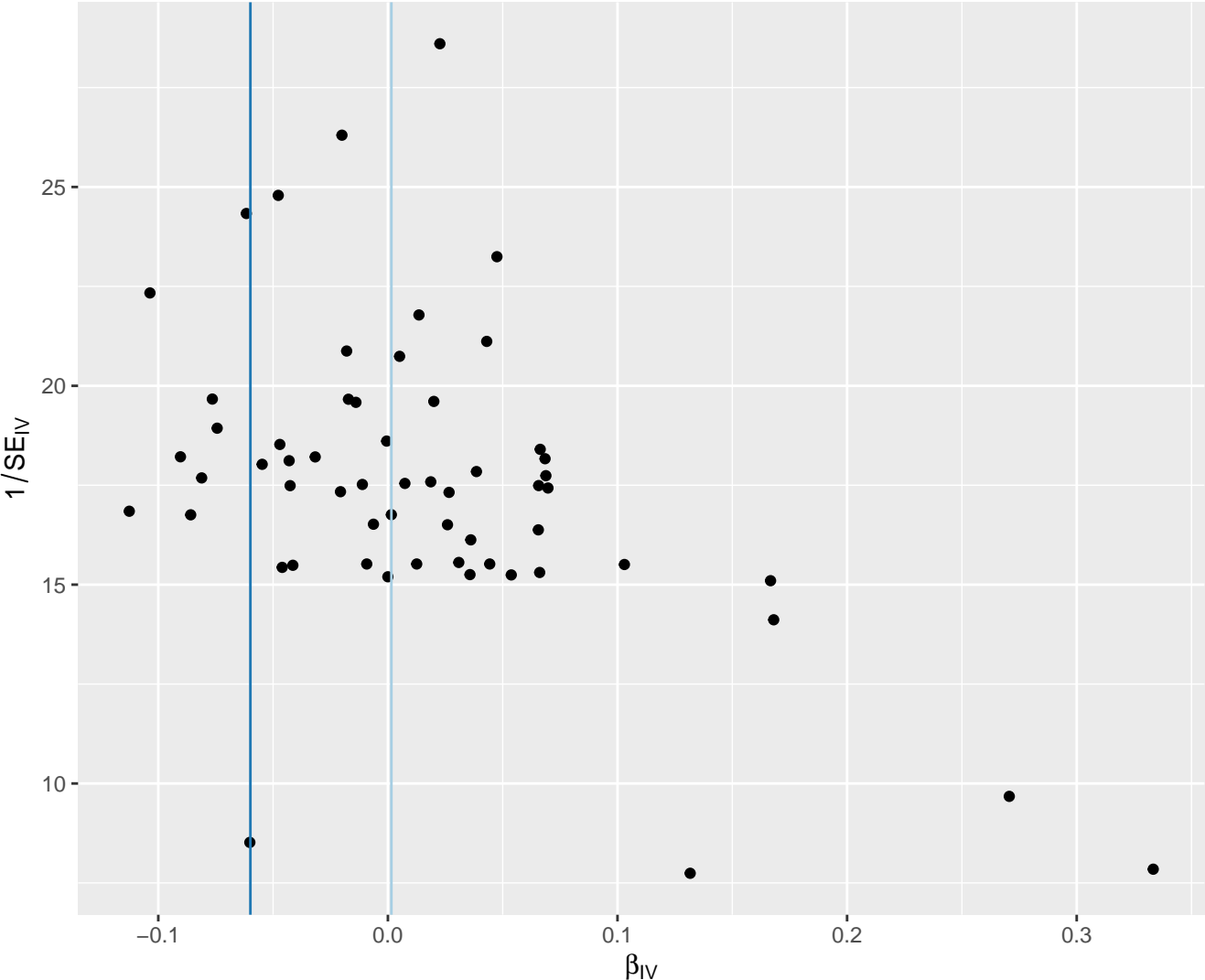
X-11204

MR Method



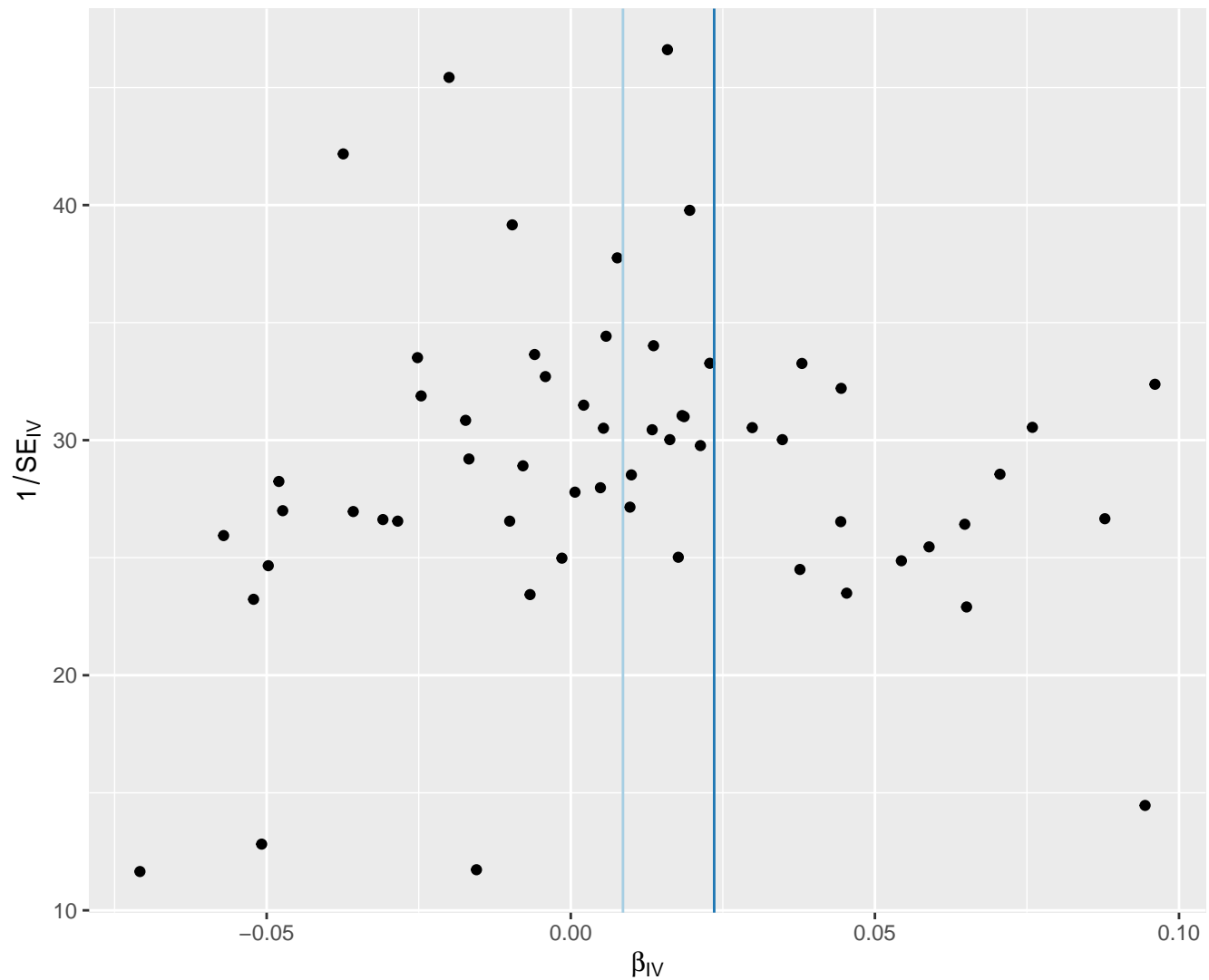
X-11247

MR Method



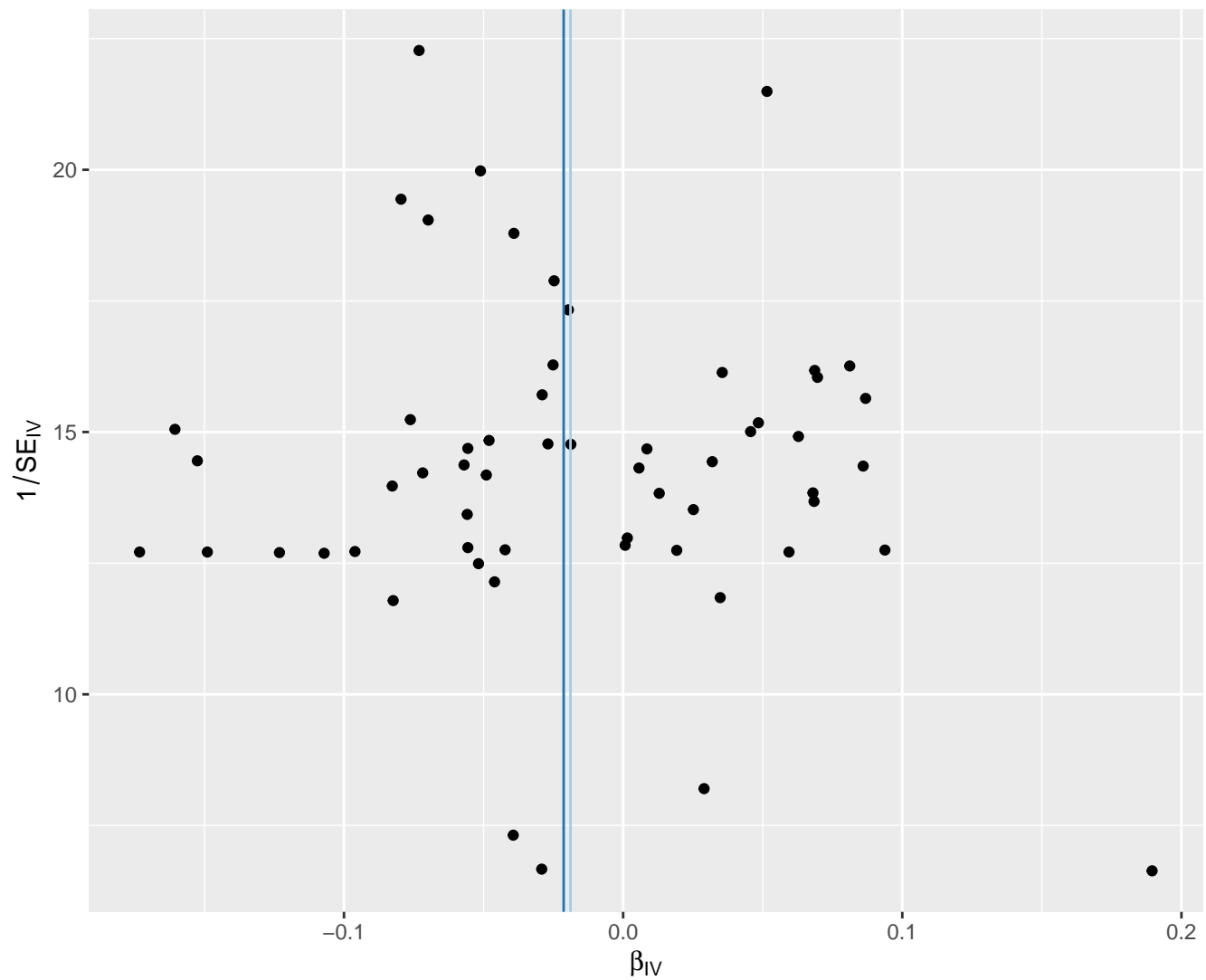
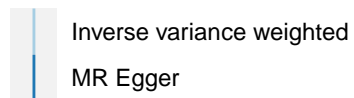
X-11261

MR Method



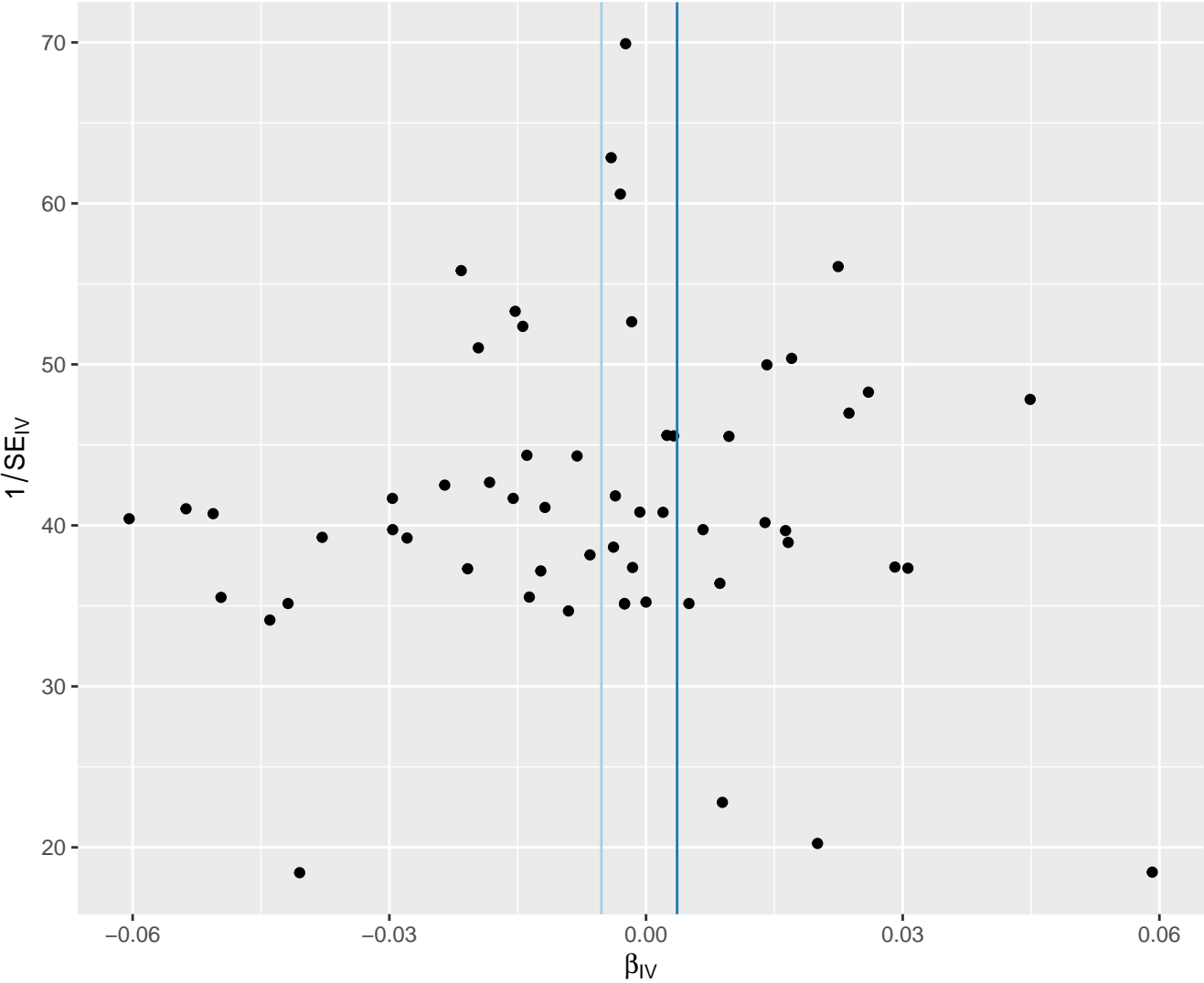
X-11299

MR Method



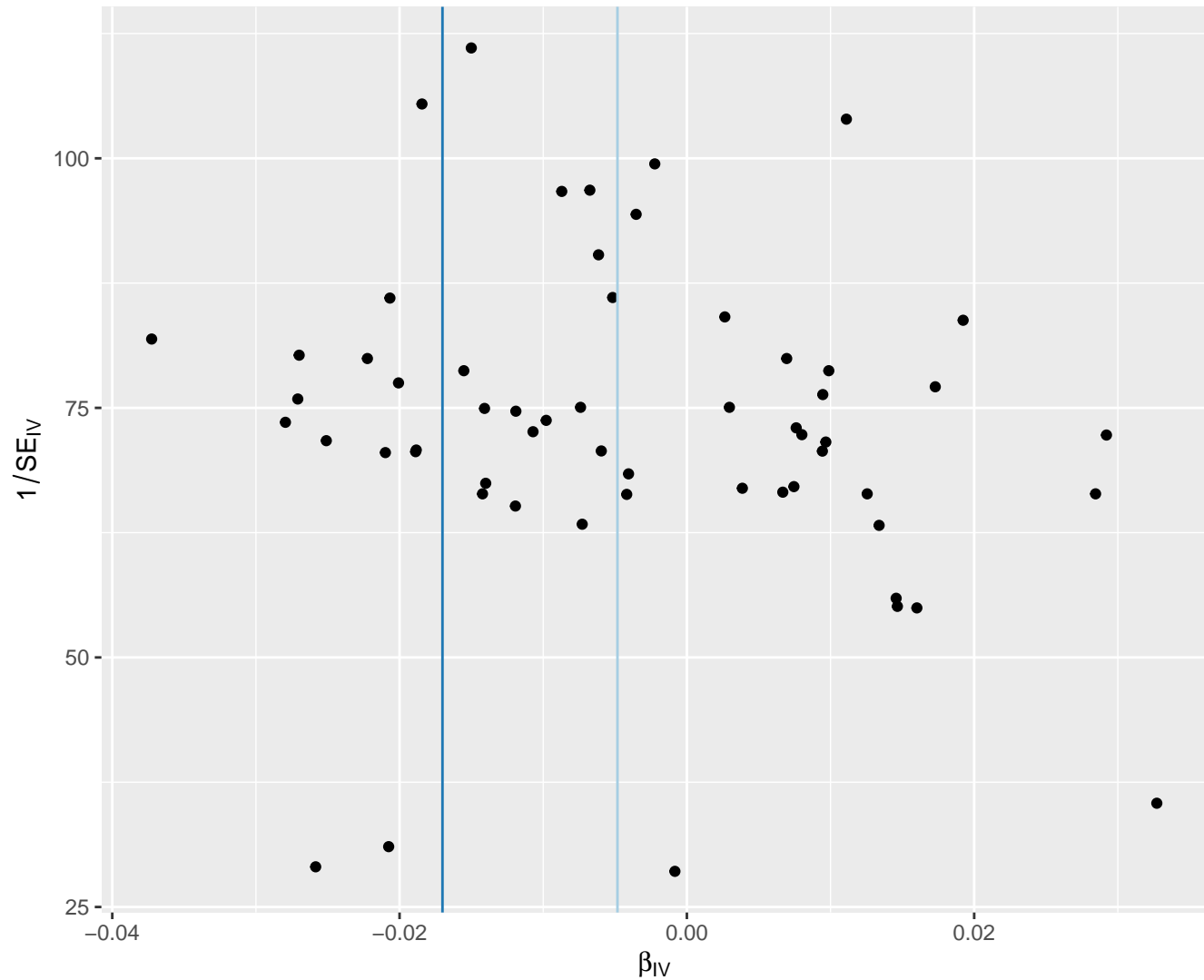
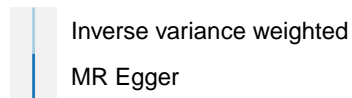
X-11315

MR Method



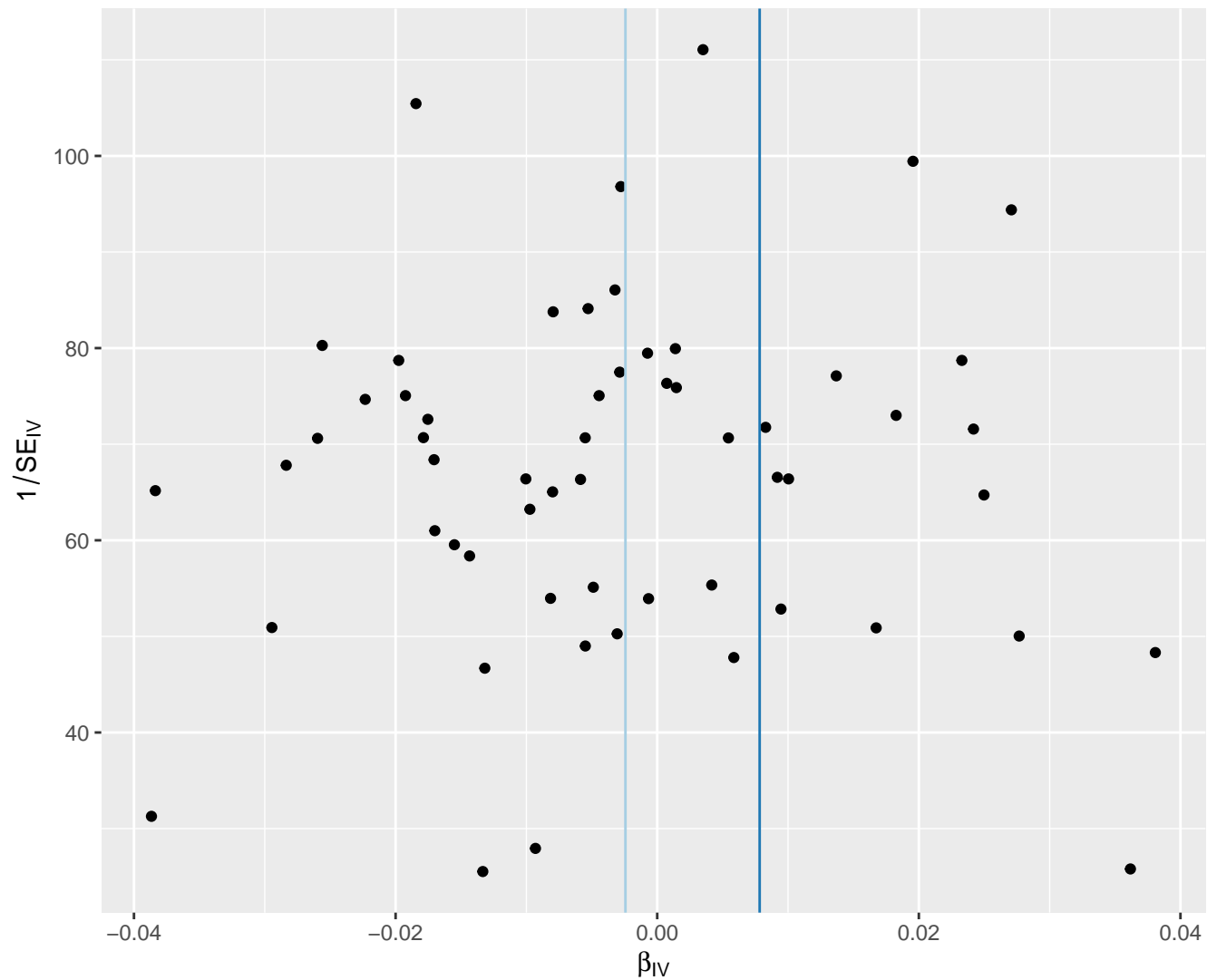
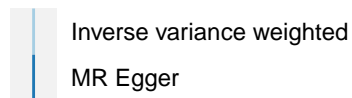
X-11317

MR Method



X-11327

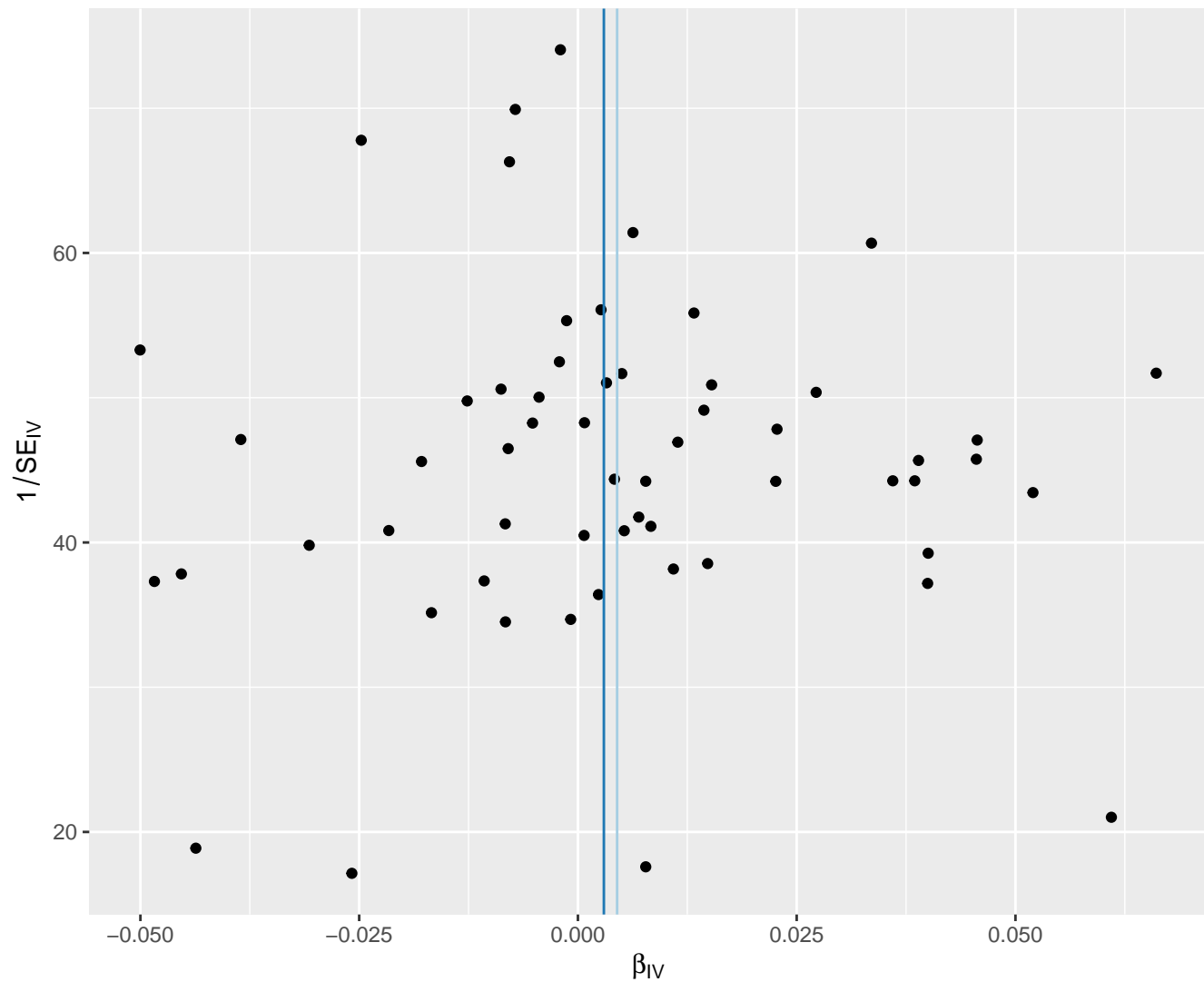
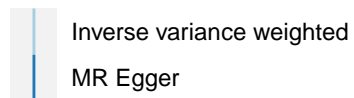
MR Method





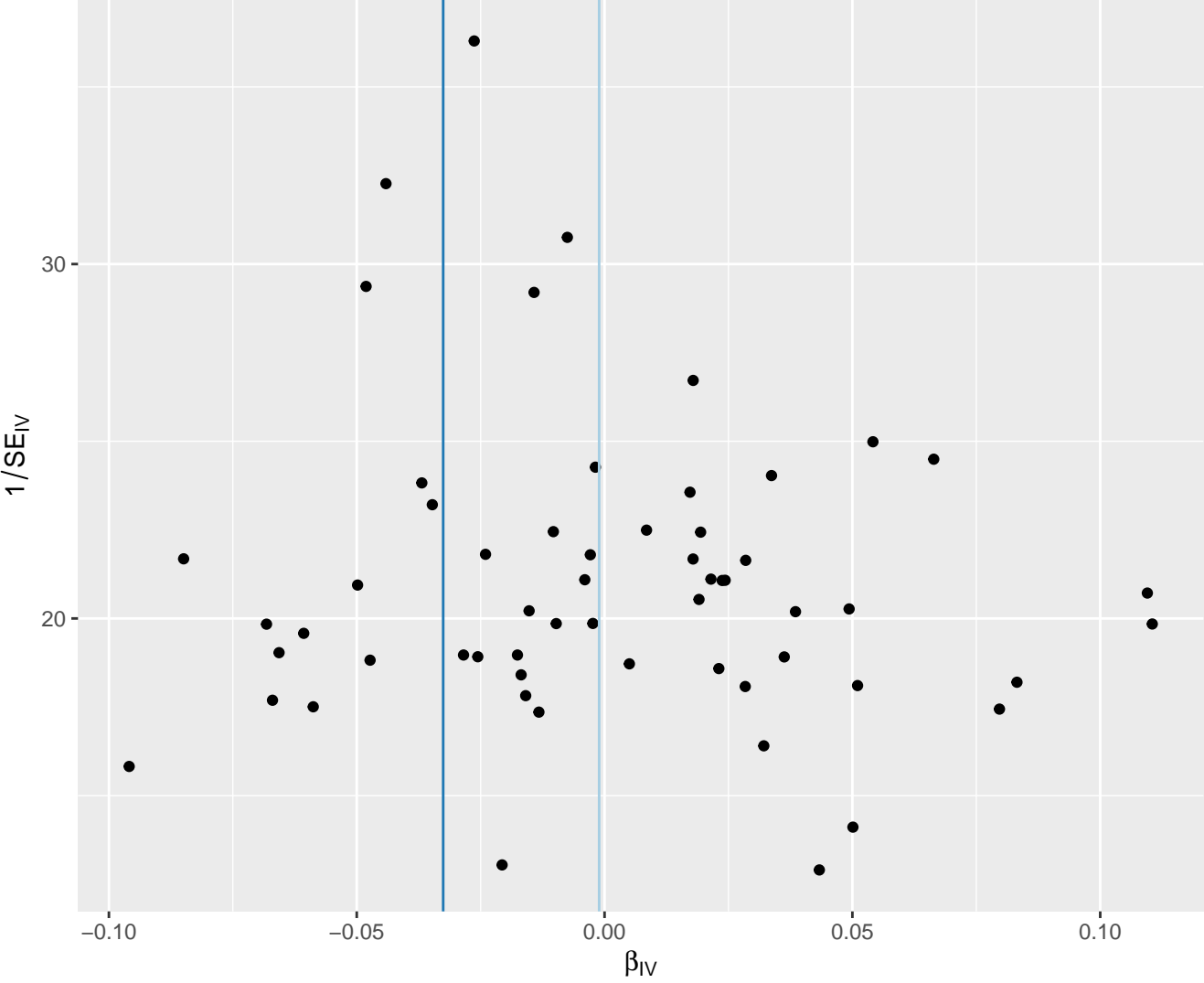
X-11334

MR Method



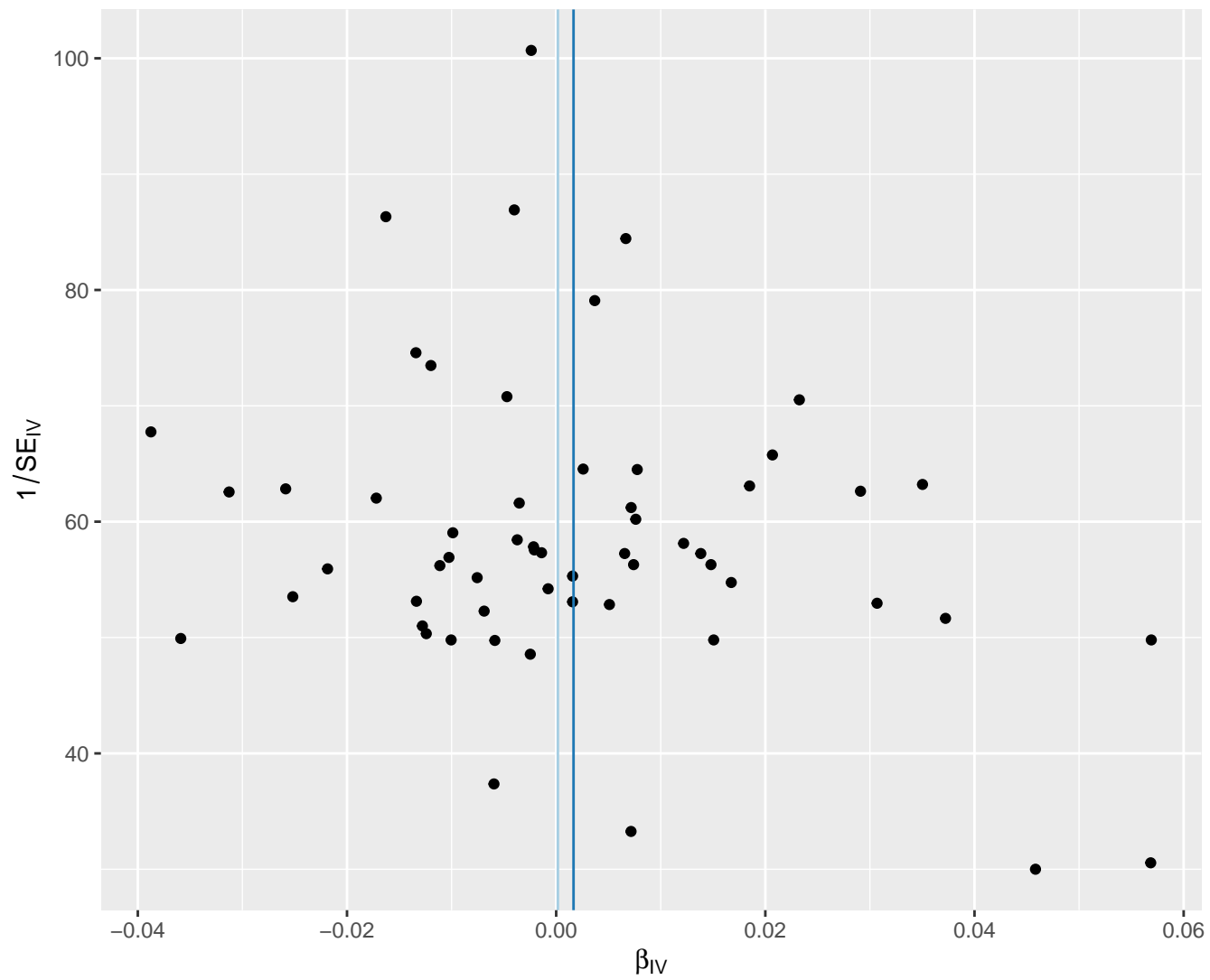
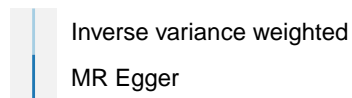
X-11374

MR Method



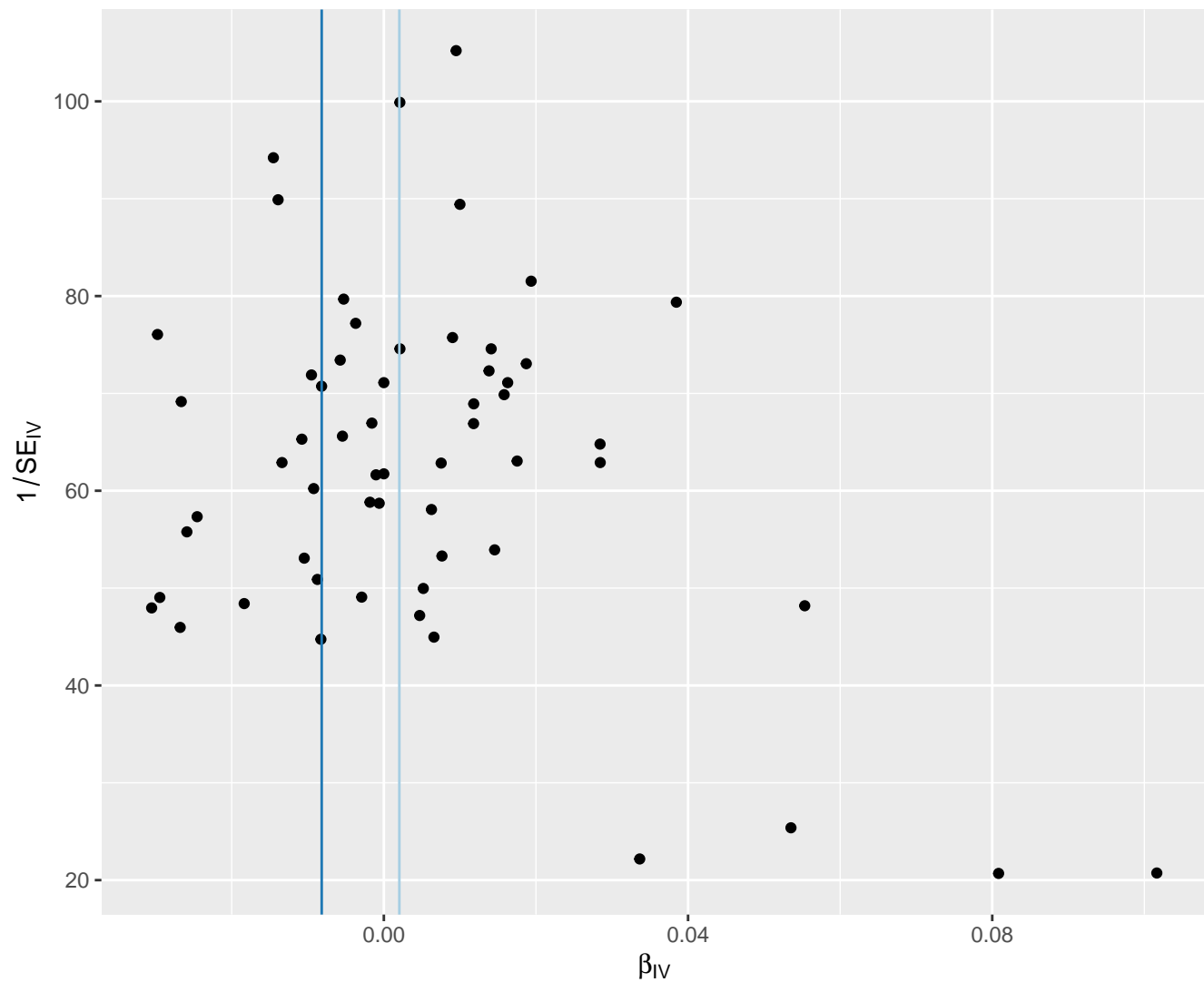
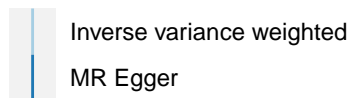
X-11381

MR Method



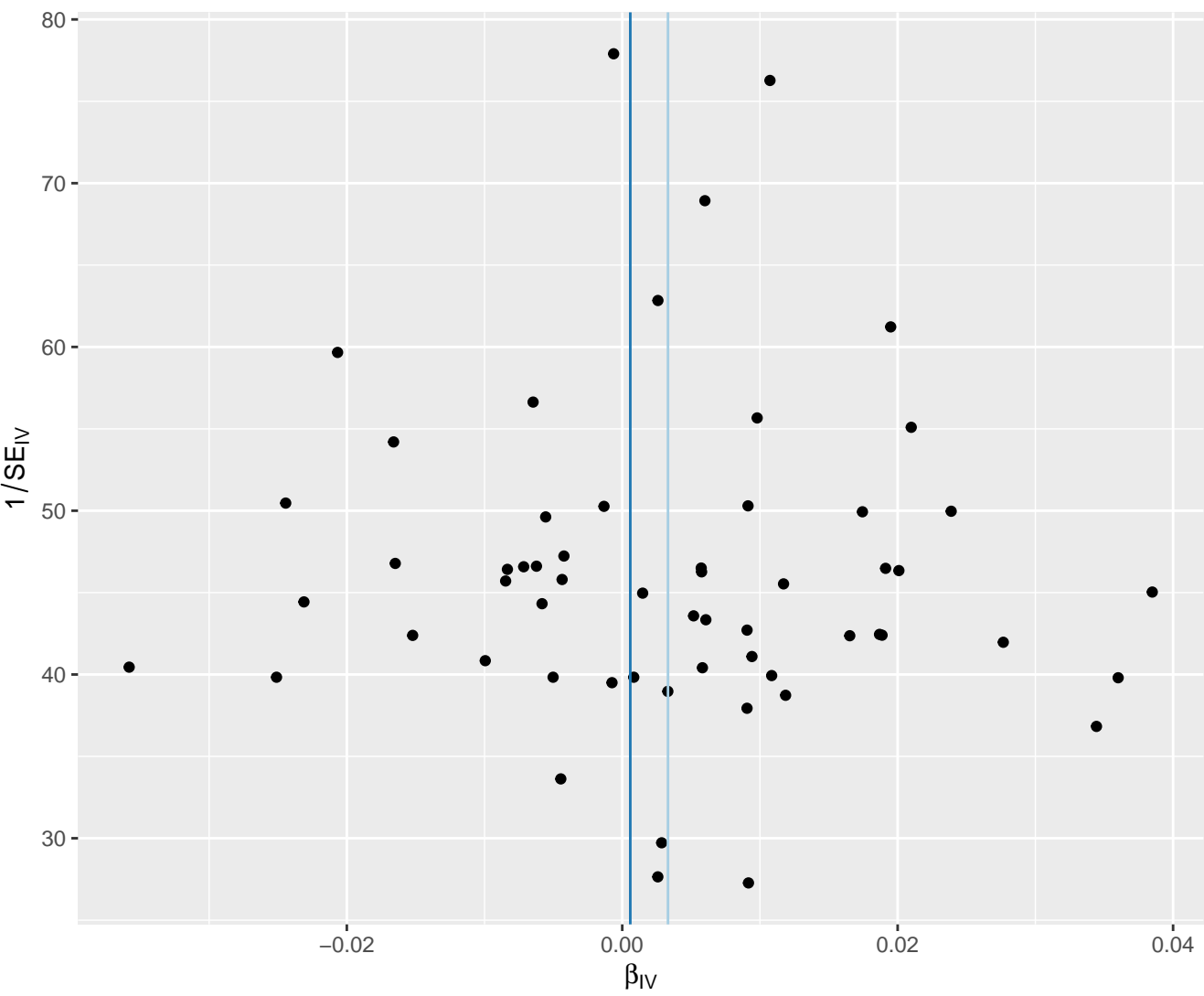
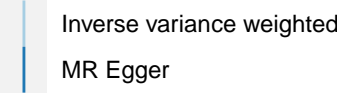
X-11412

MR Method



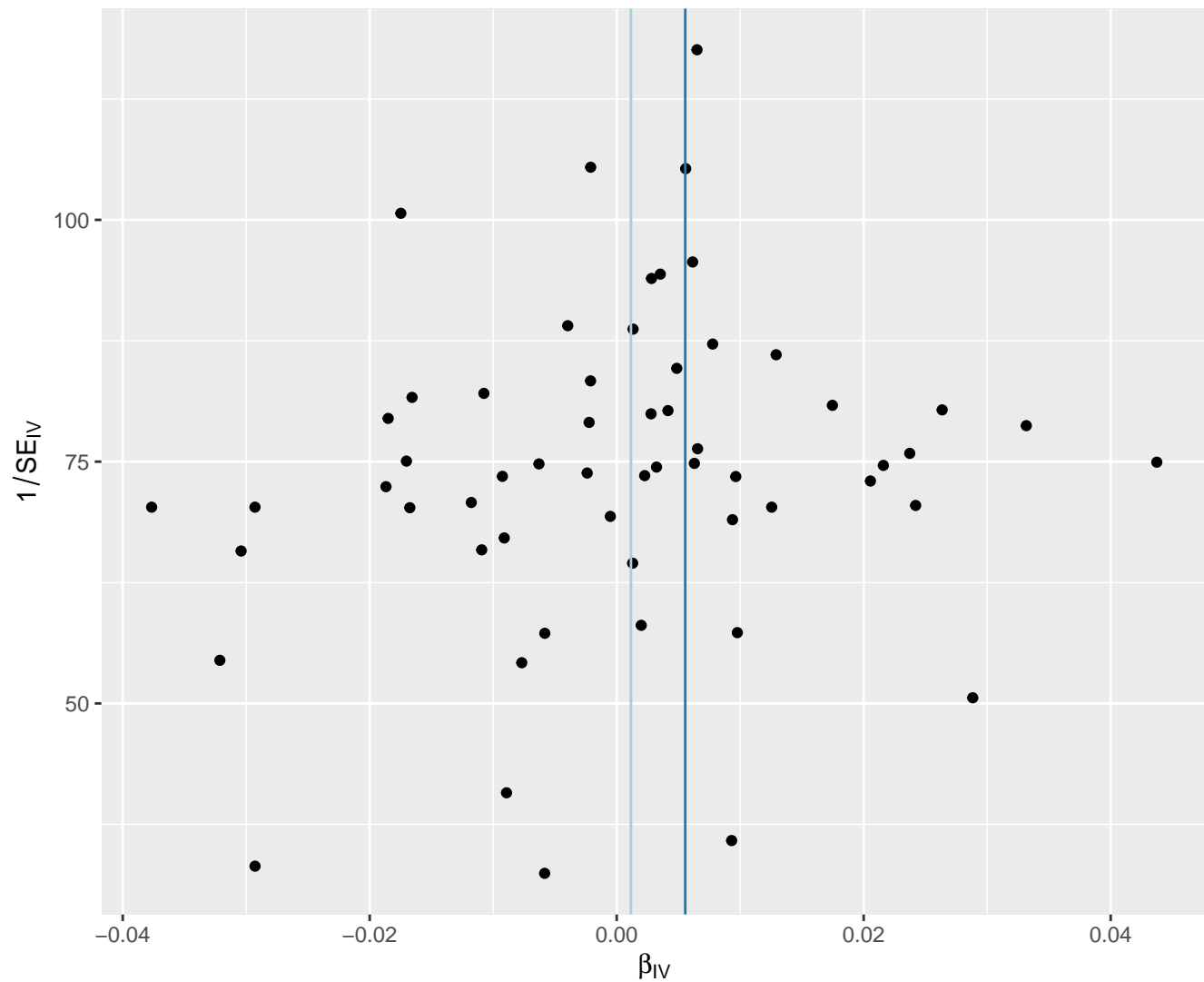
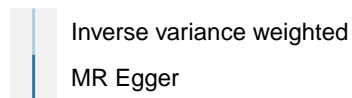
X-11422--xanthine

MR Method



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

MR Method

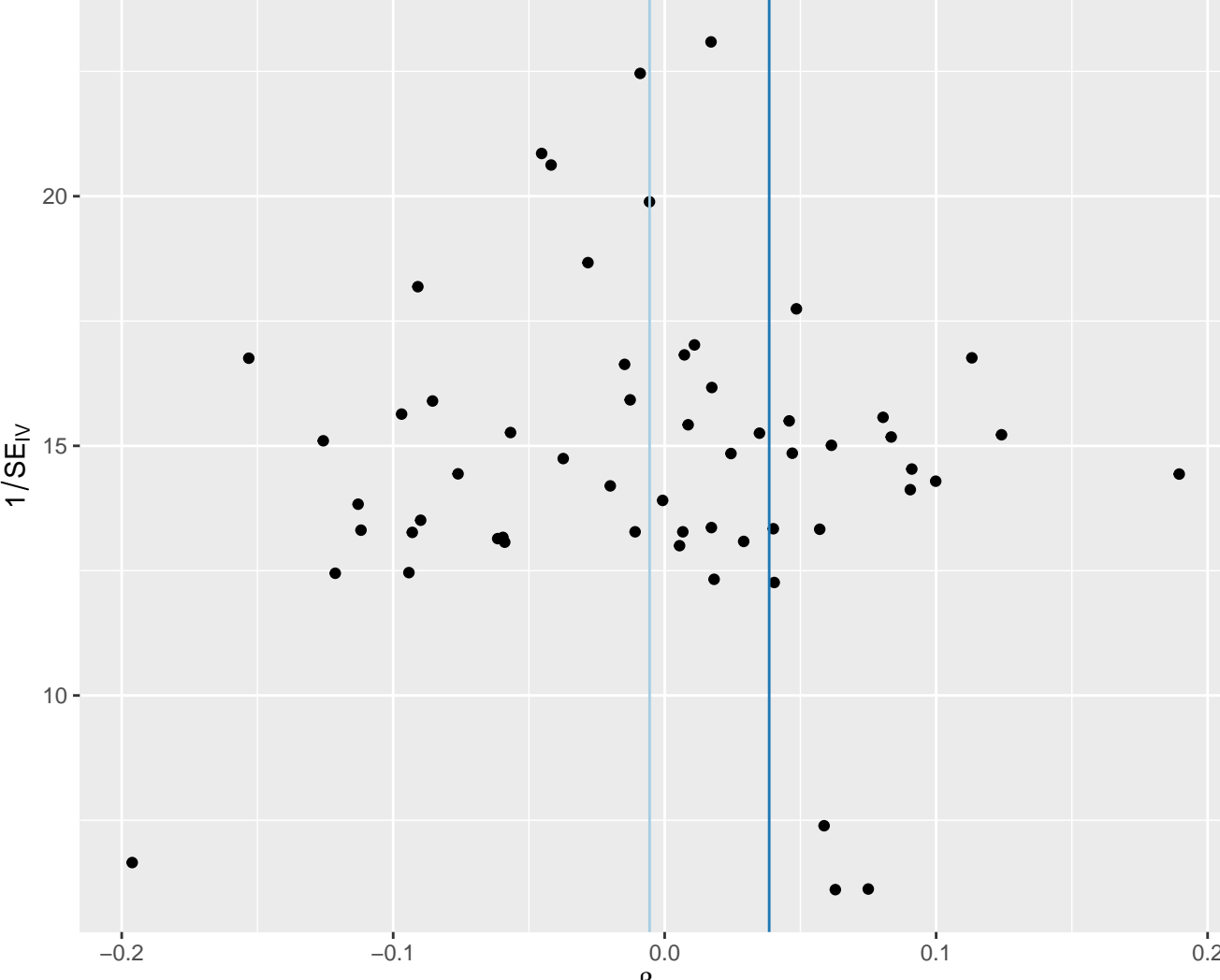


# X-11437

## MR Method

## Inverse variance weighted

MR Egger



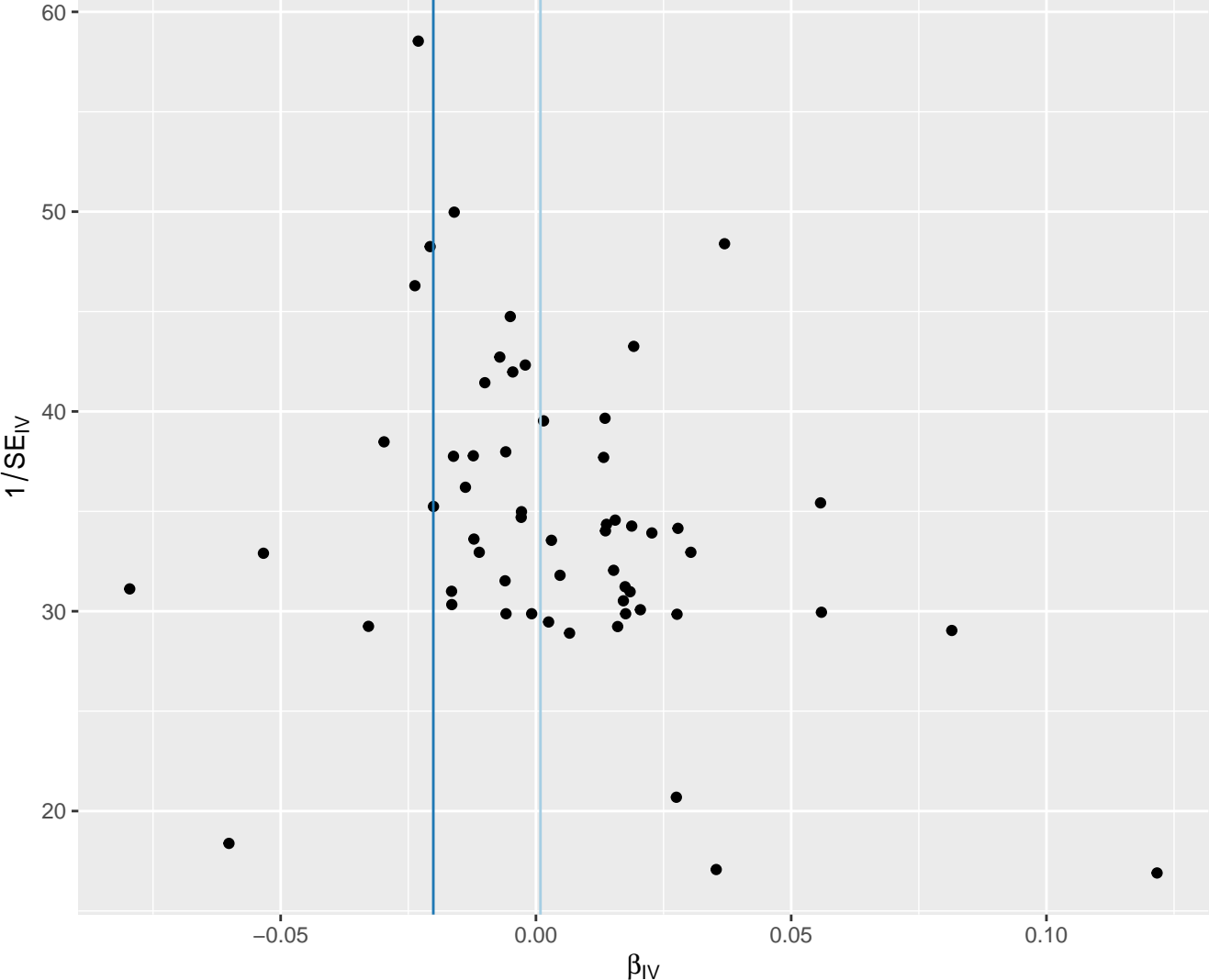
X-11438

MR Method



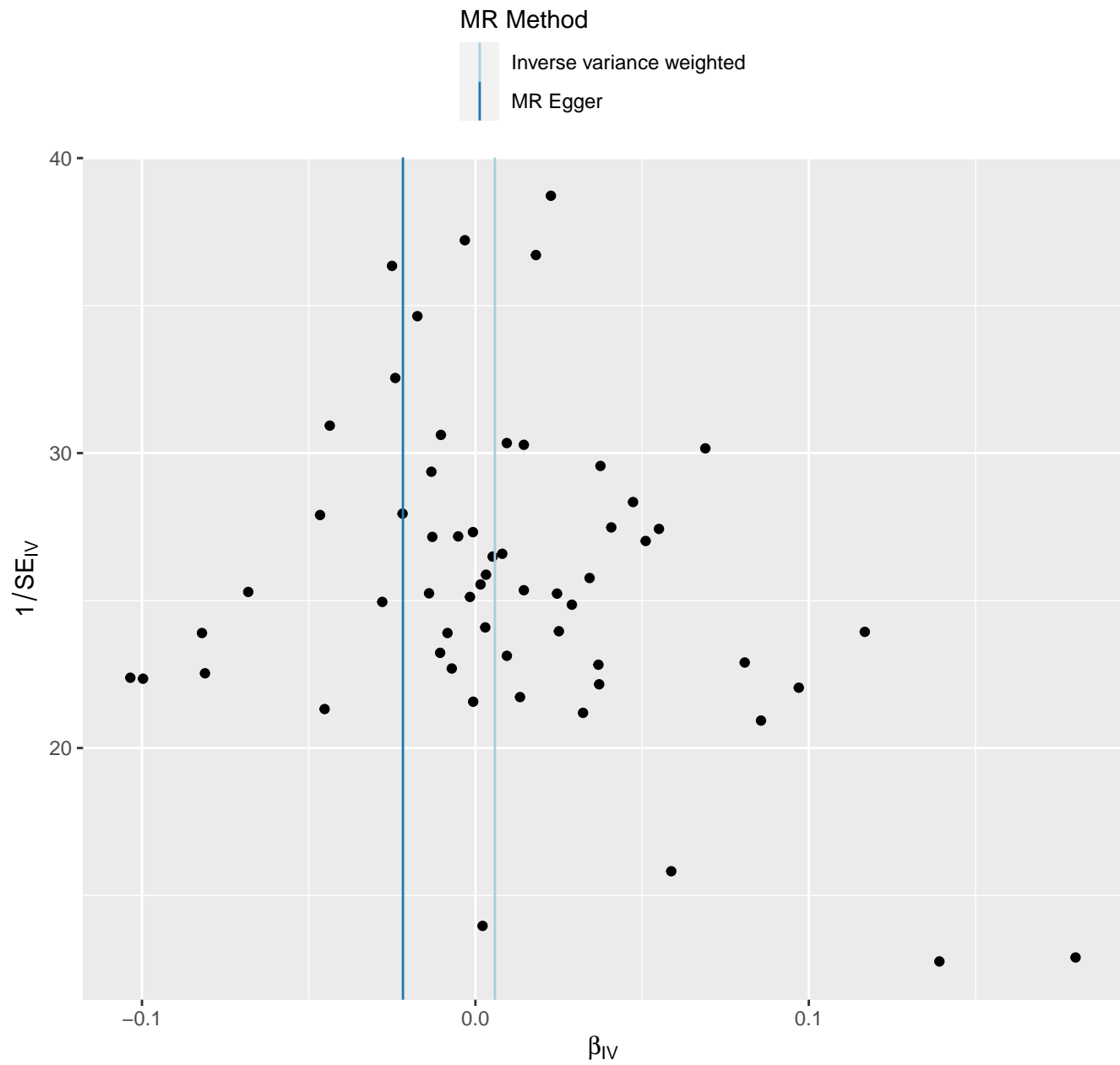
Inverse variance weighted

MR Egger





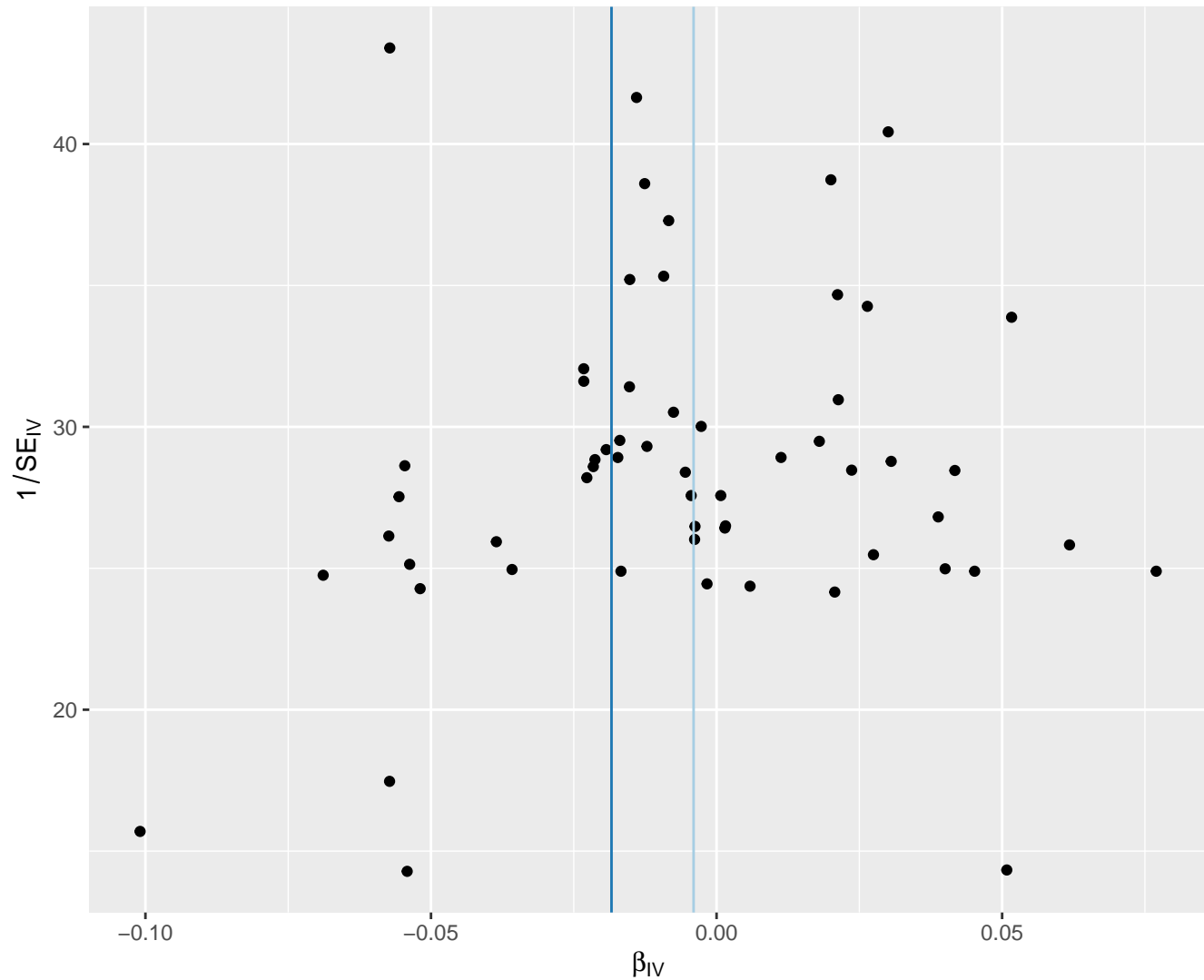
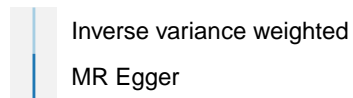
X-11440



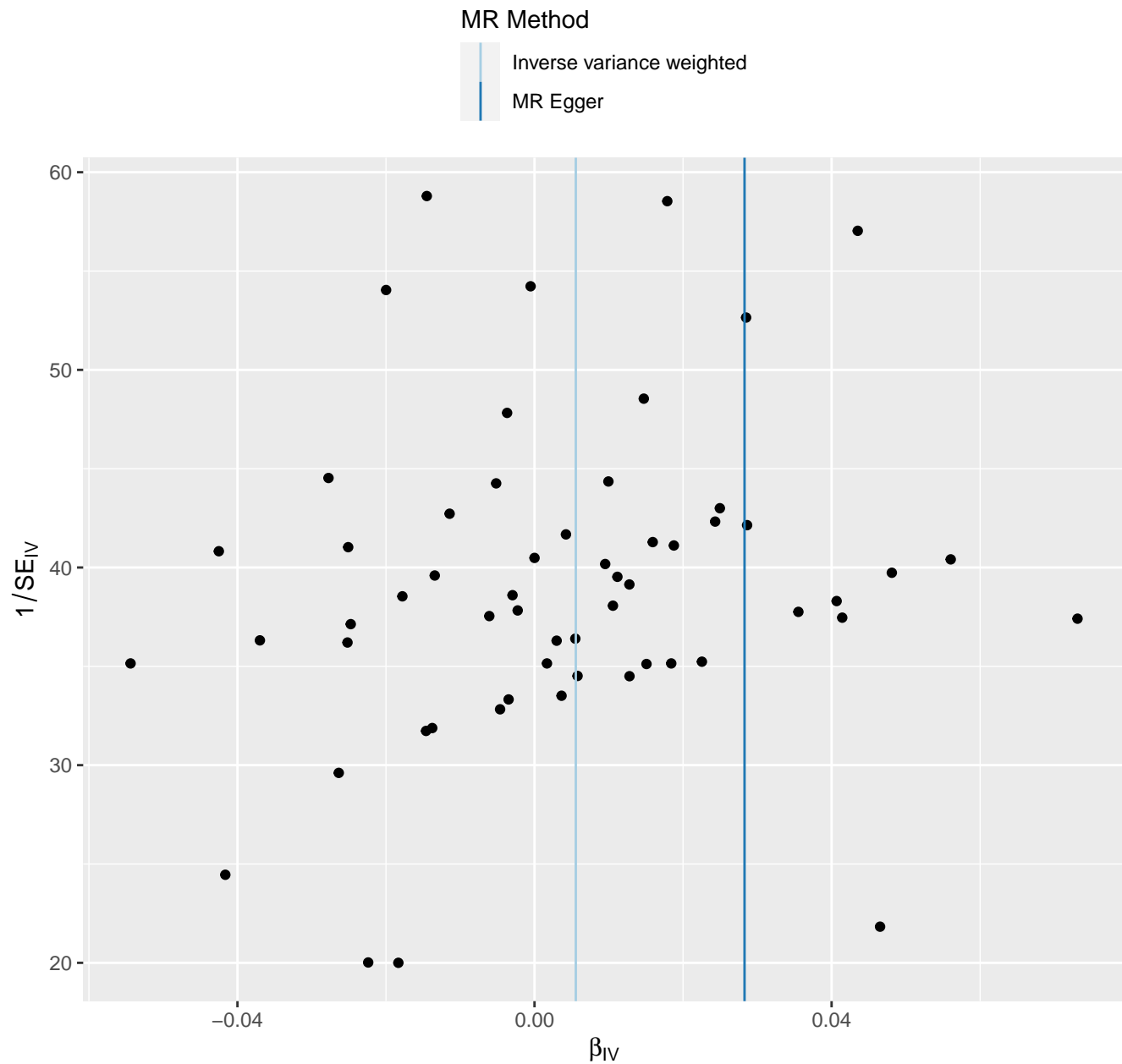


X-11442

MR Method

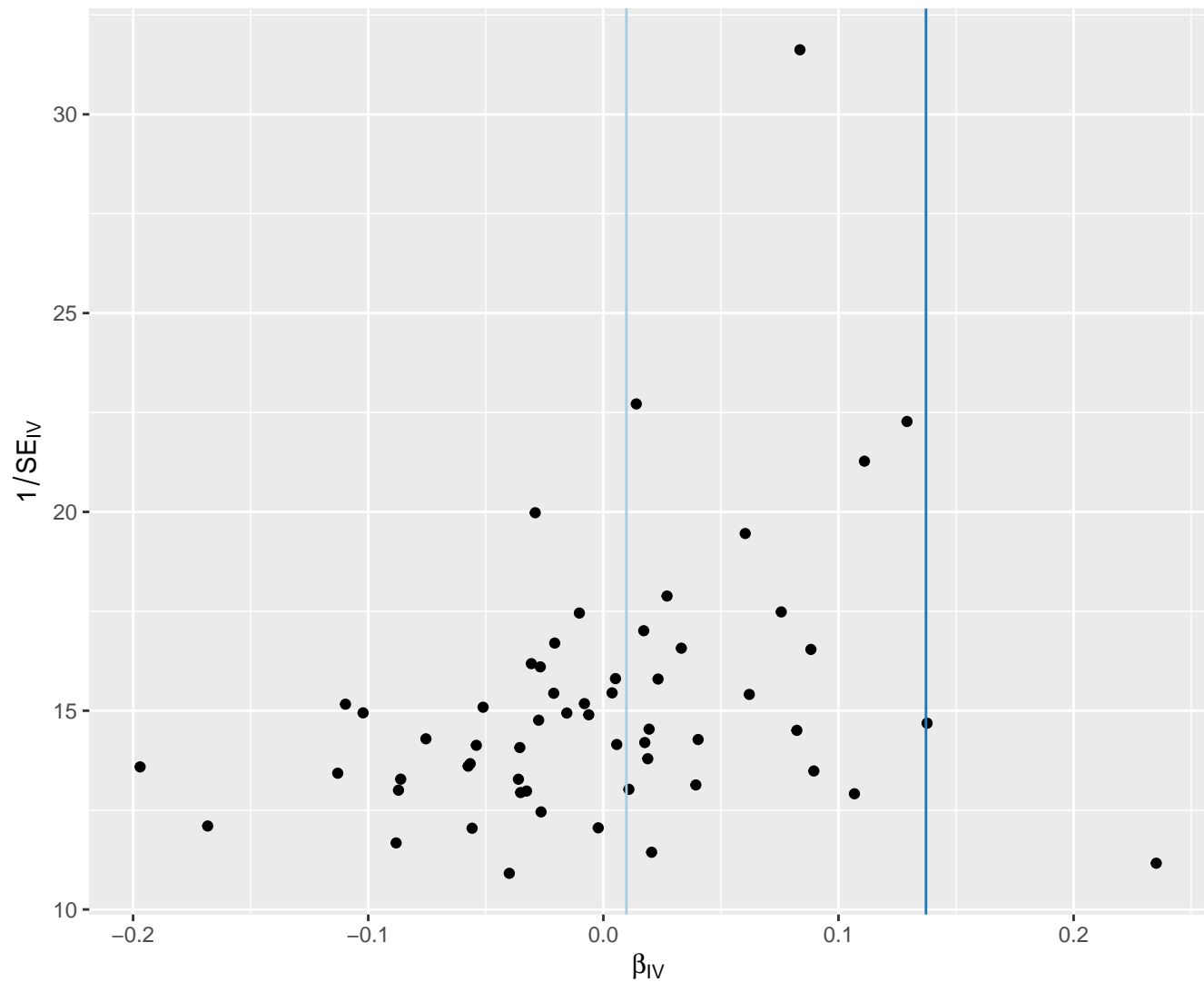


X-11444



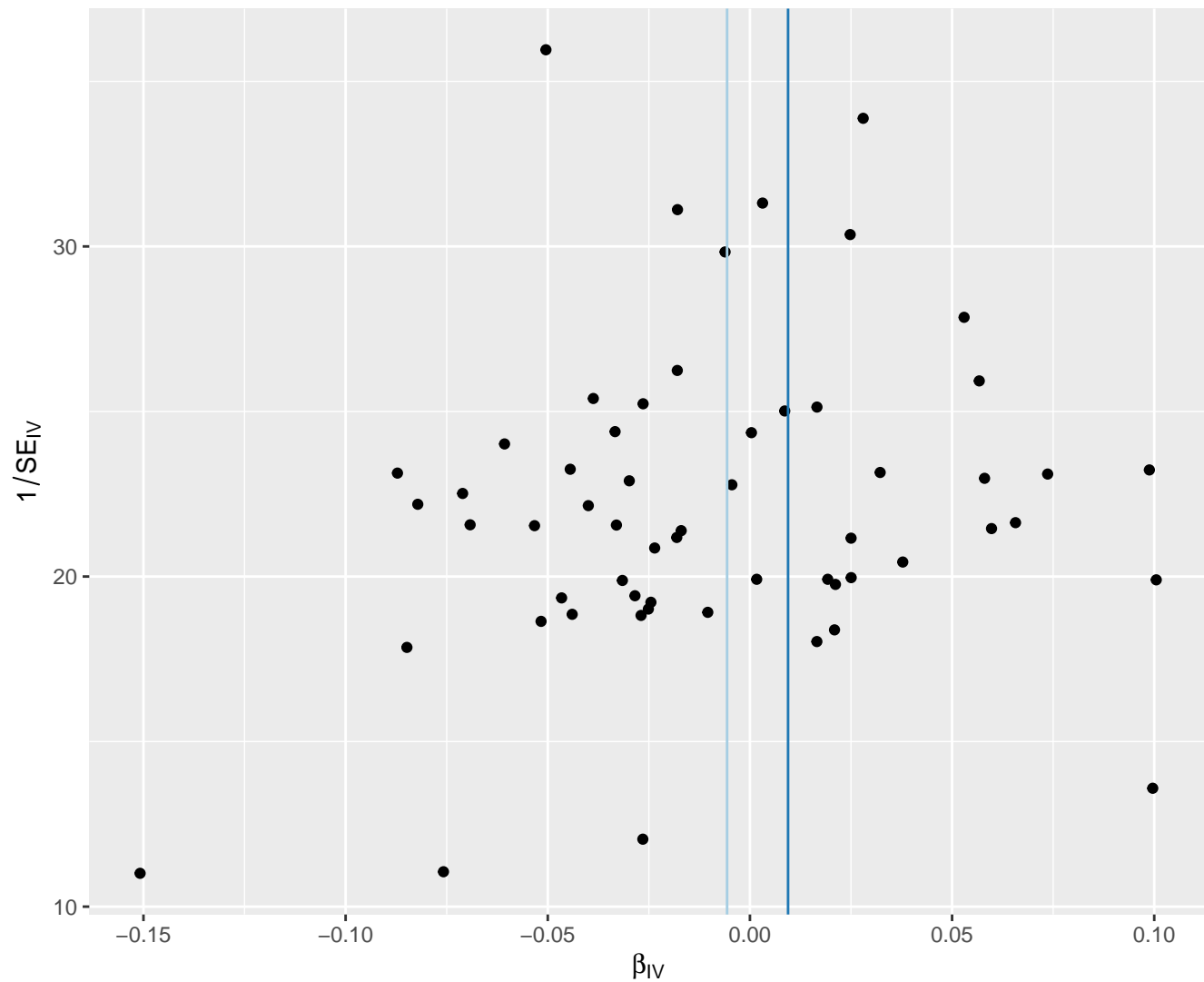
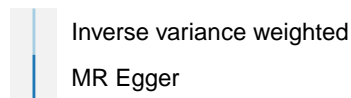
# X-11445--5-alpha-pregnan-3beta,20alpha-disulfate

MR Method



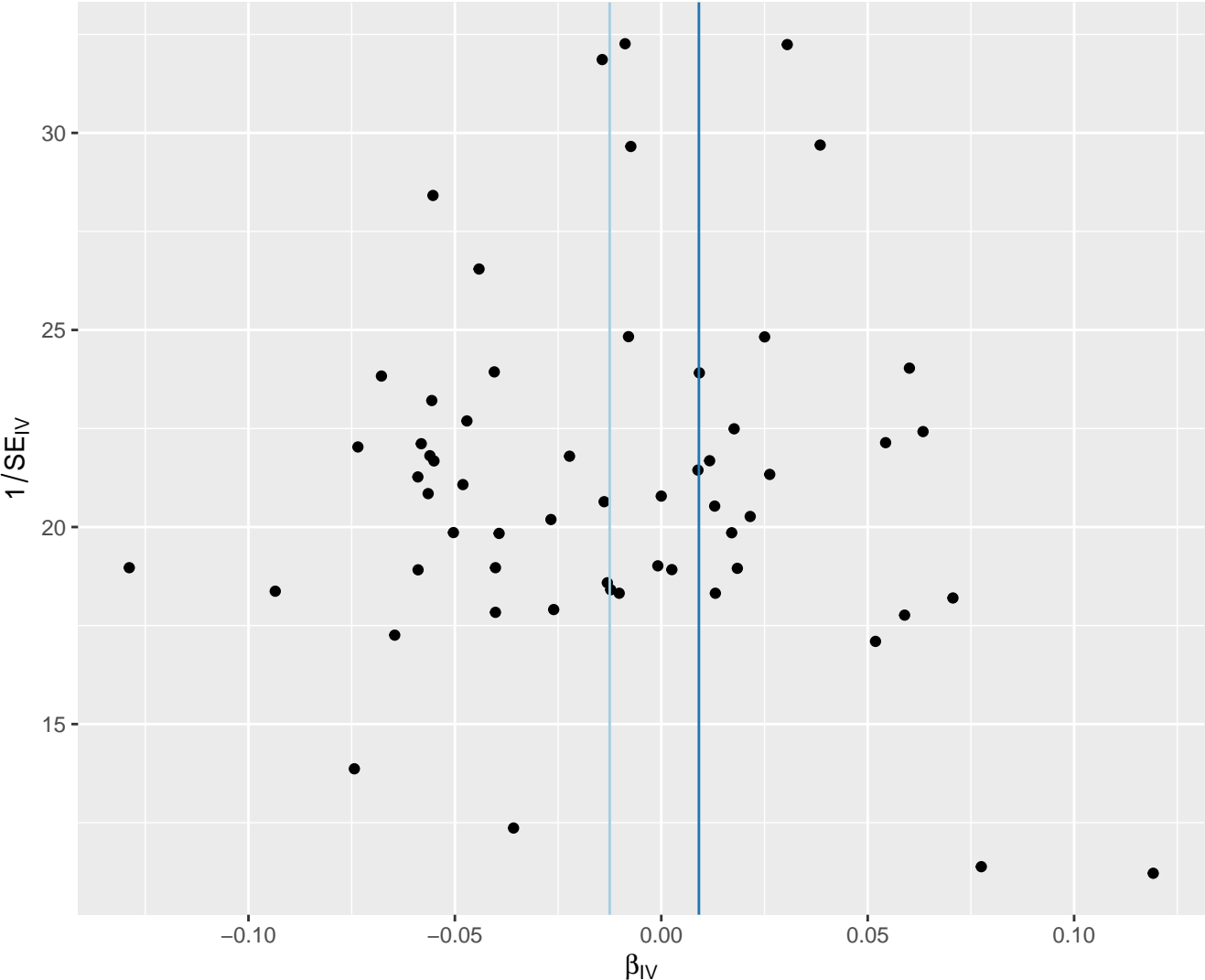
X-11452

MR Method



X-11469

MR Method



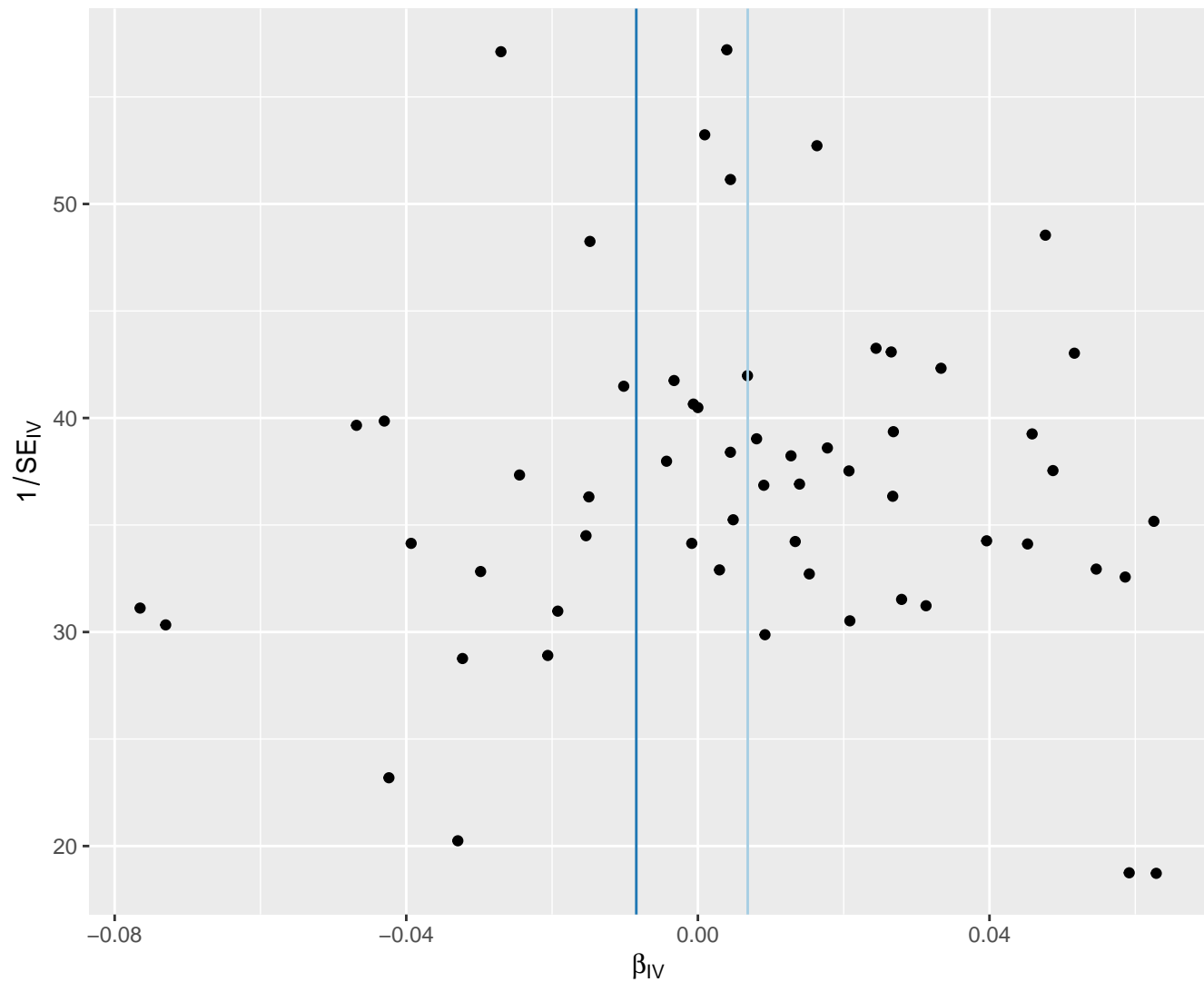
X-11470

MR Method



Inverse variance weighted

MR Egger





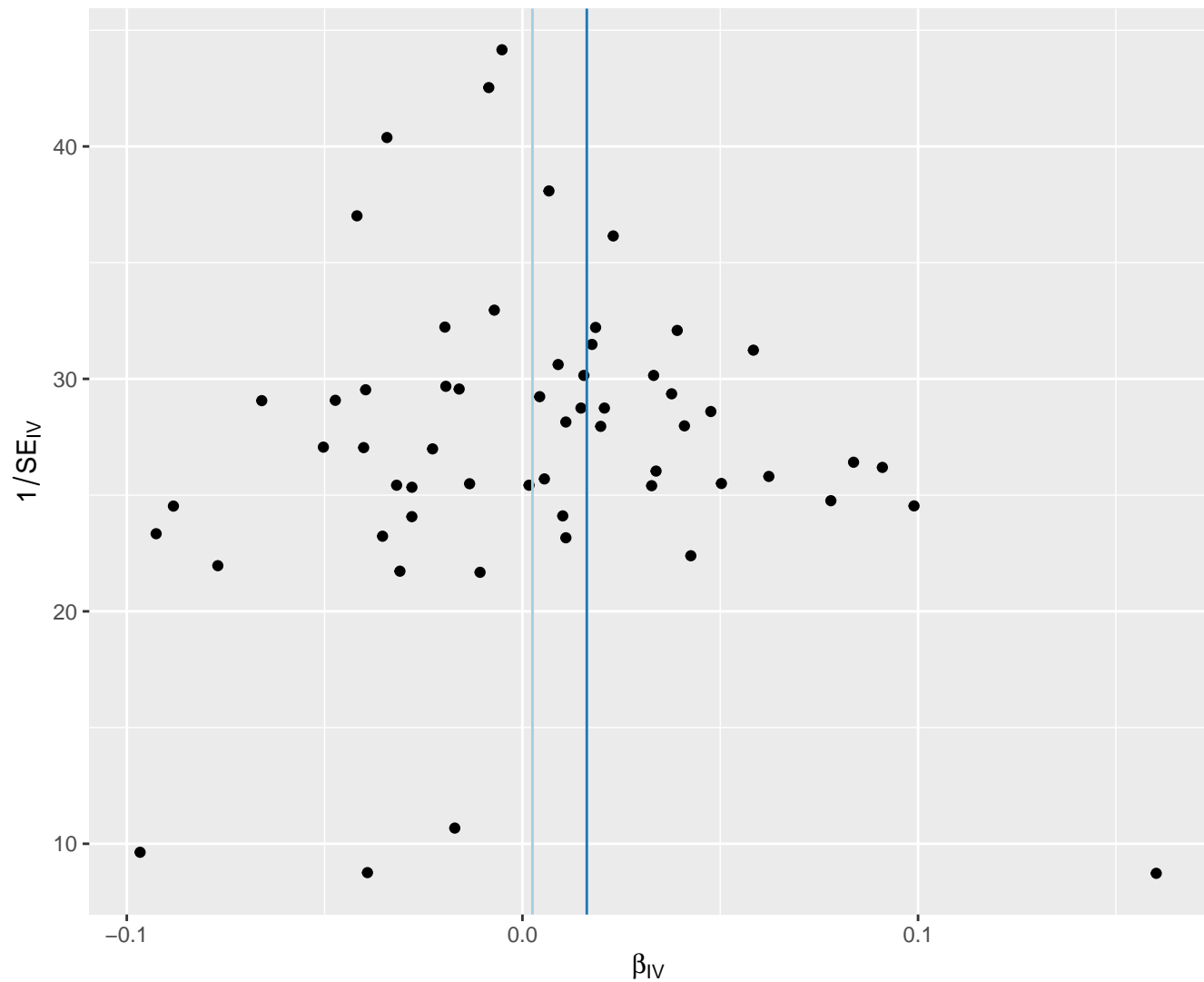
X-11478

MR Method



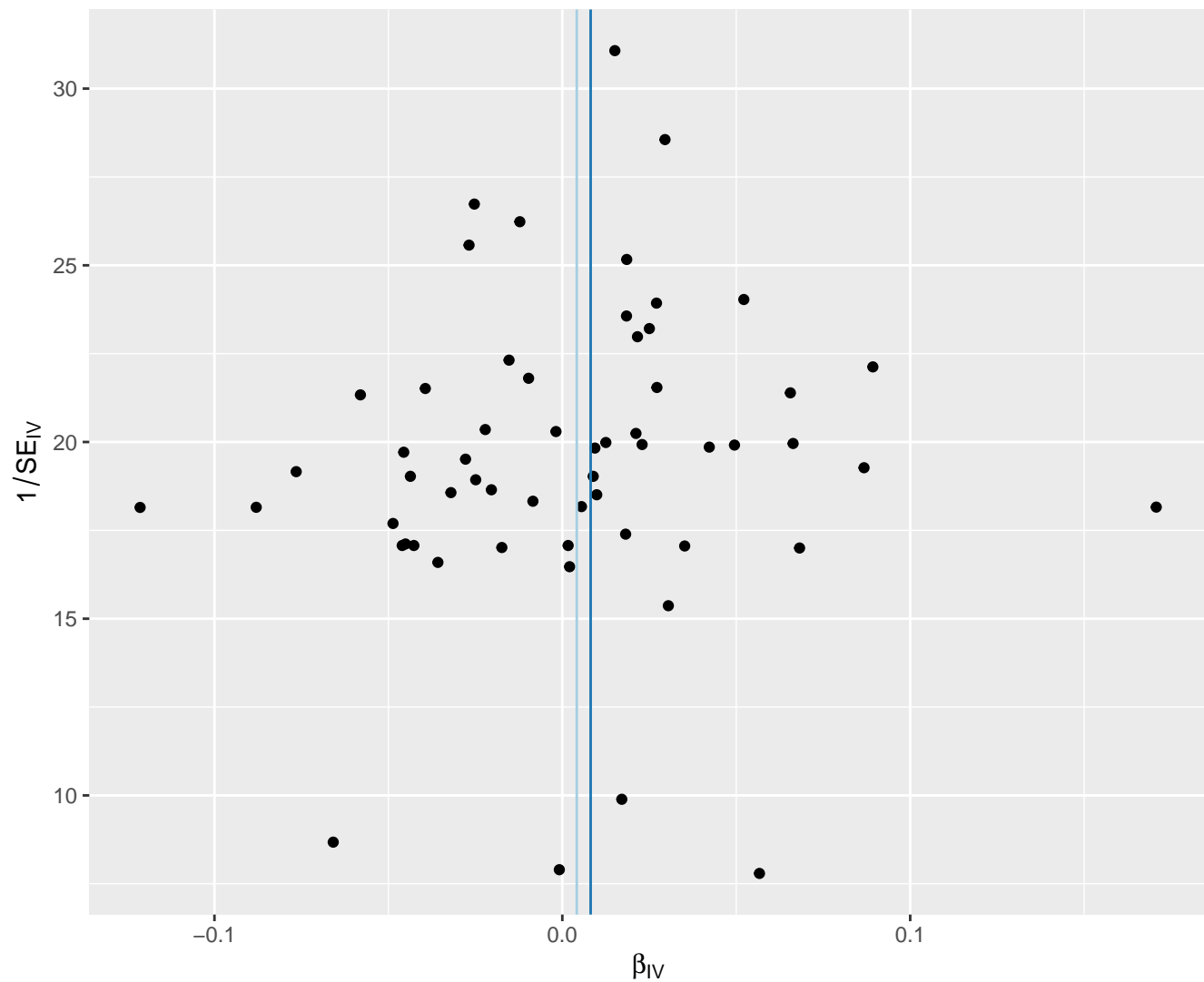
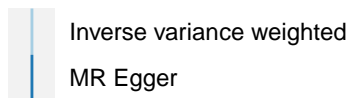
Inverse variance weighted

MR Egger



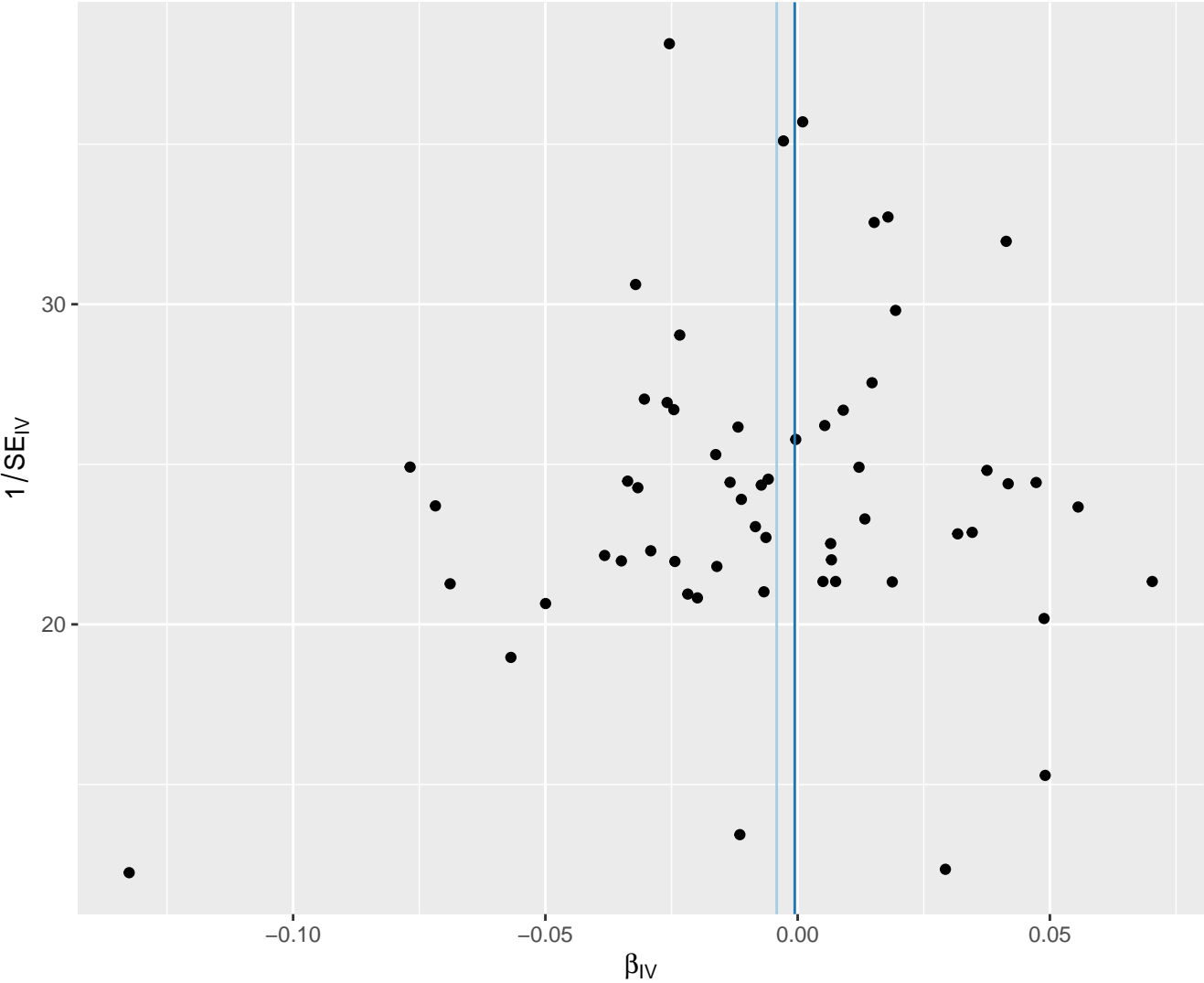
X-11483

MR Method



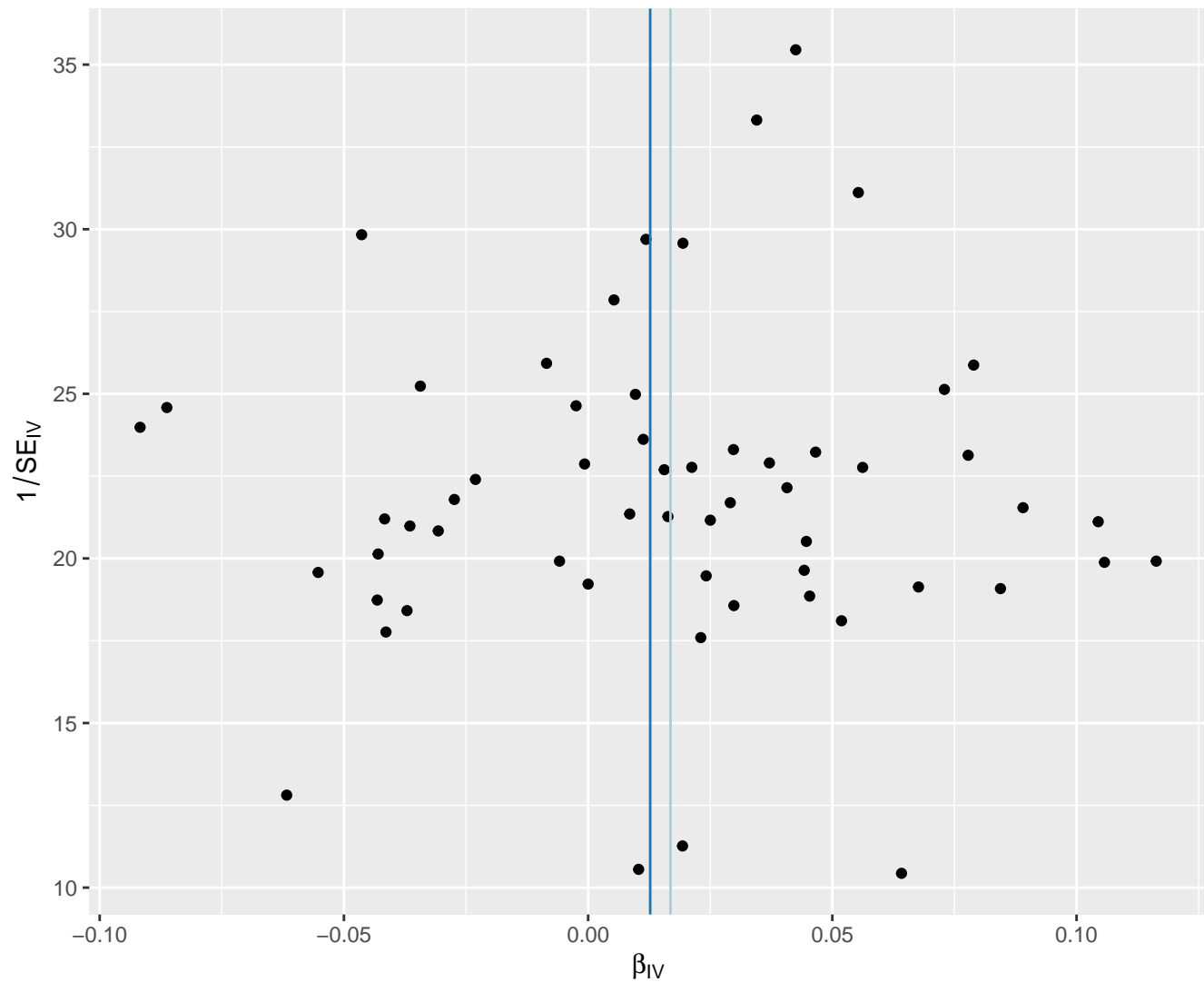
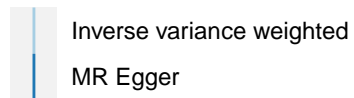
X-11485

MR Method



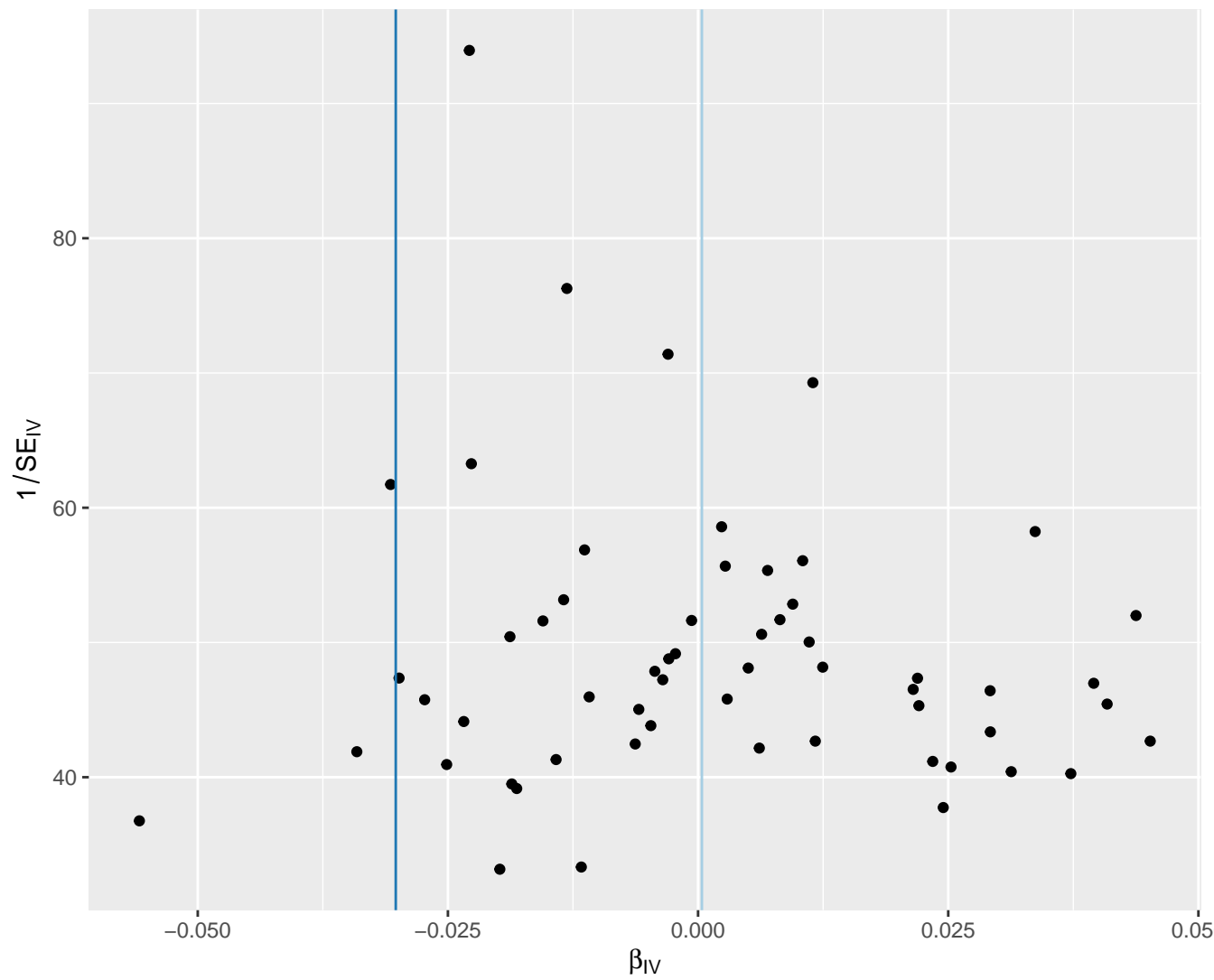
X-11491

MR Method



X-11497

MR Method



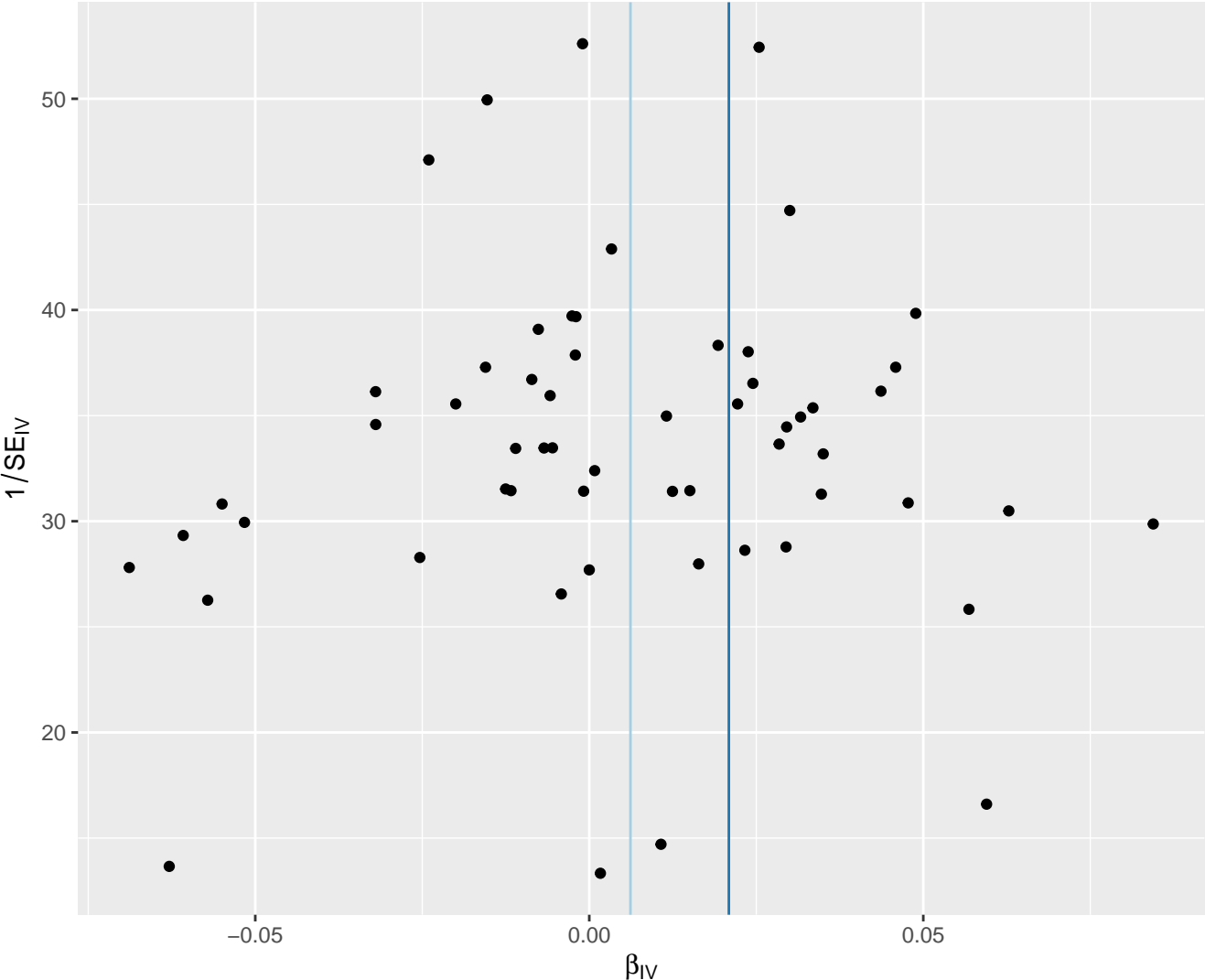
X-11521

MR Method



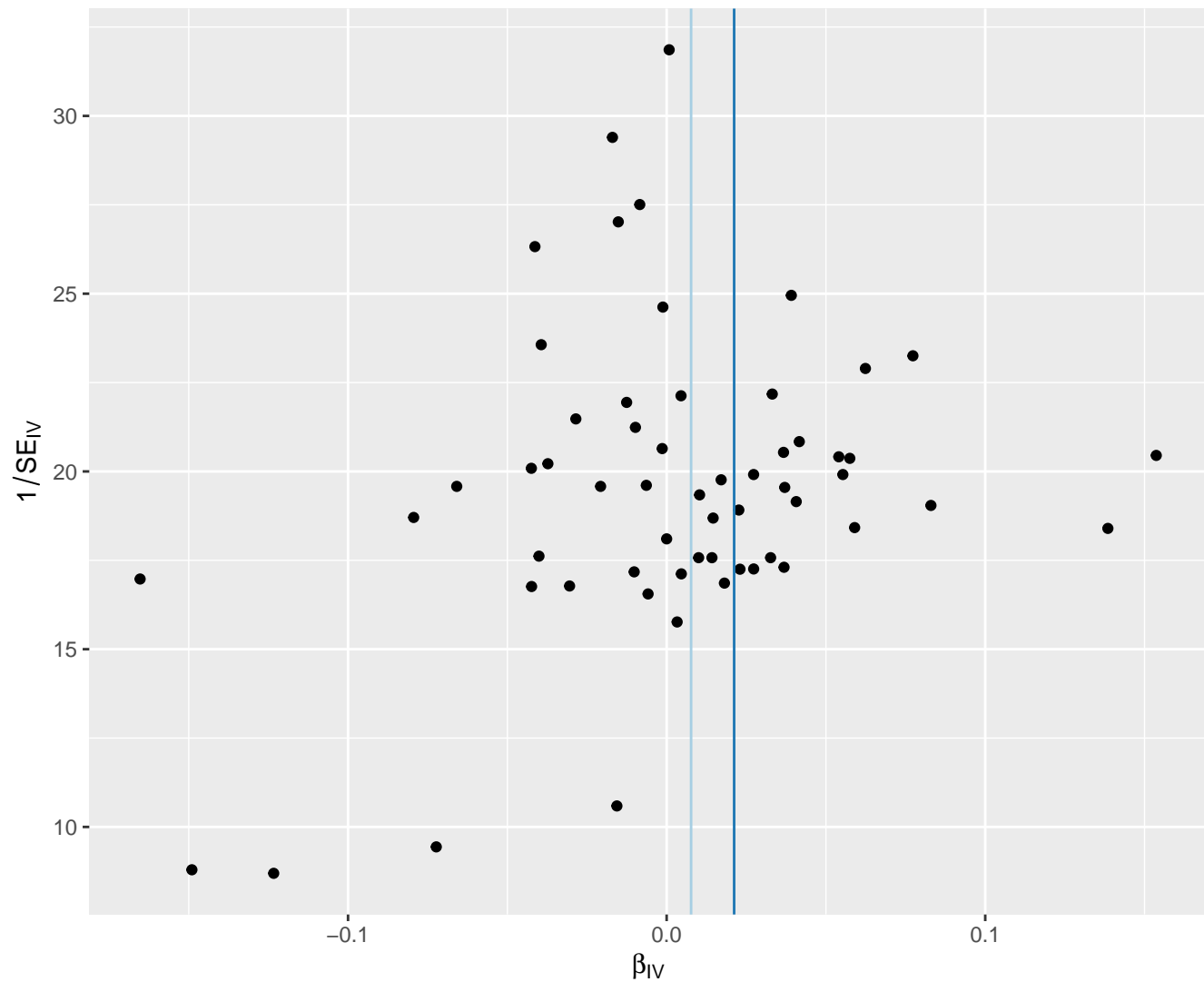
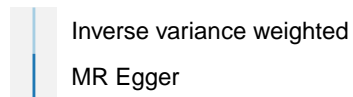
Inverse variance weighted

MR Egger



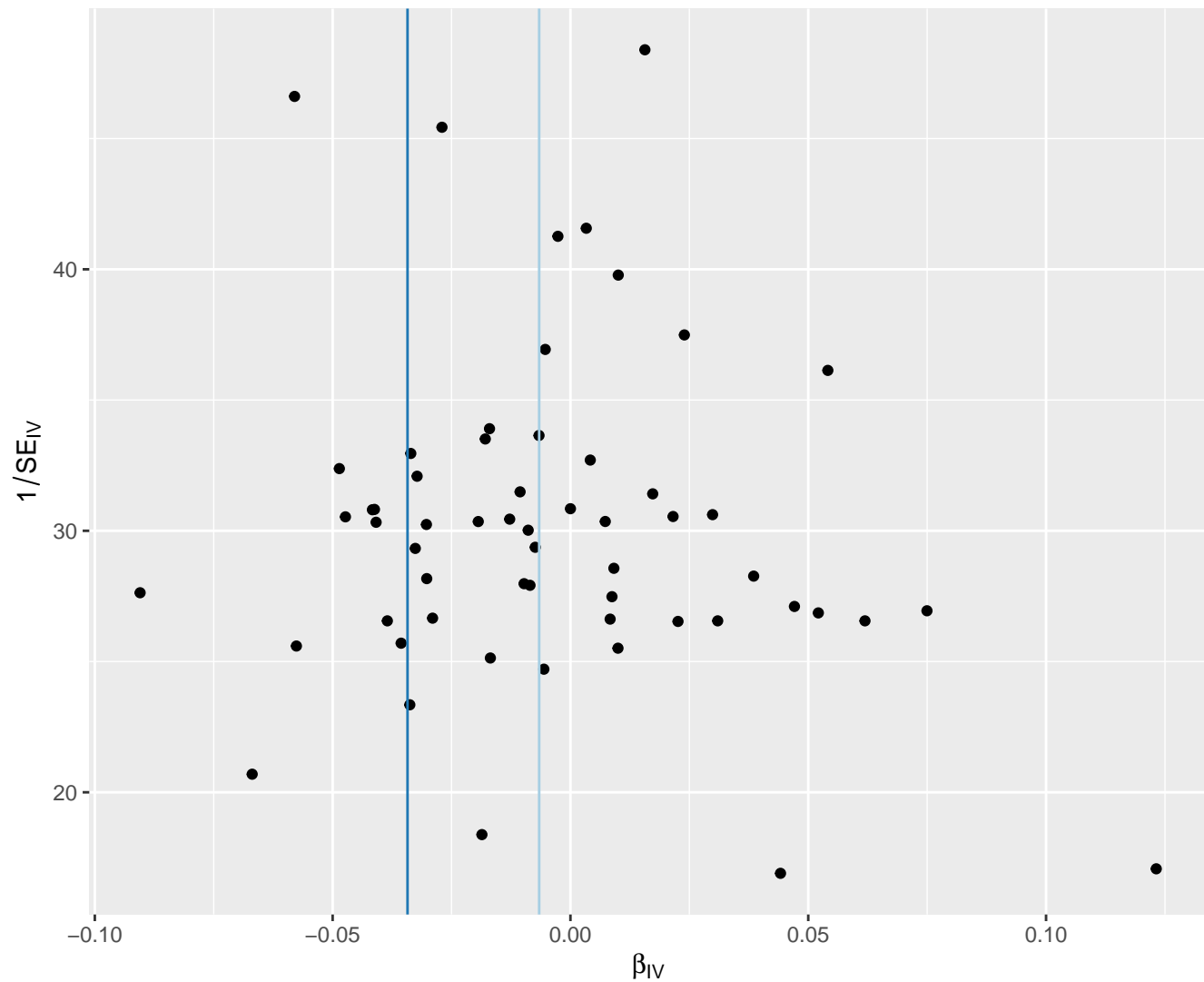
X-11529

MR Method



X-11530

MR Method



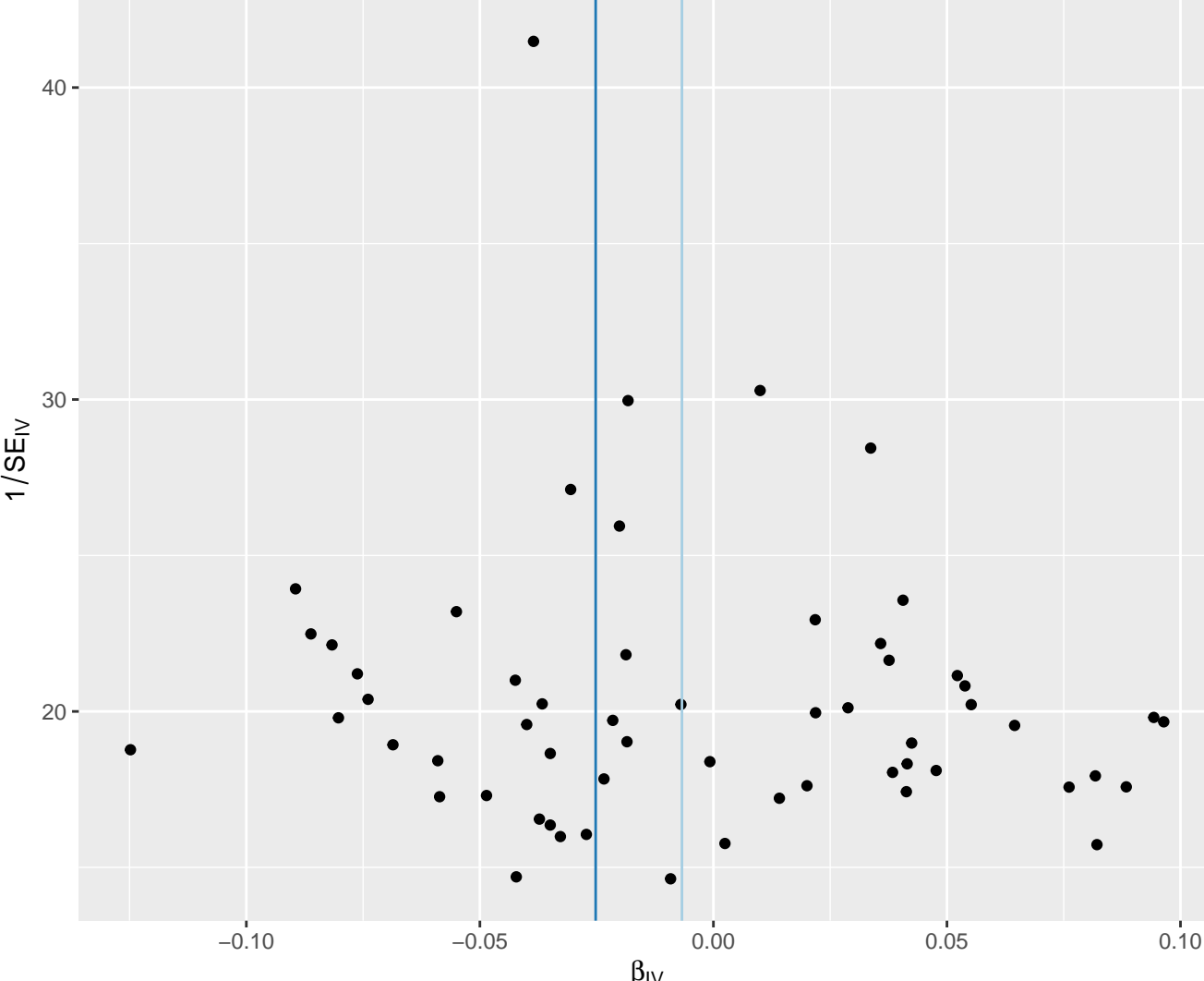


X-11537

## MR Method

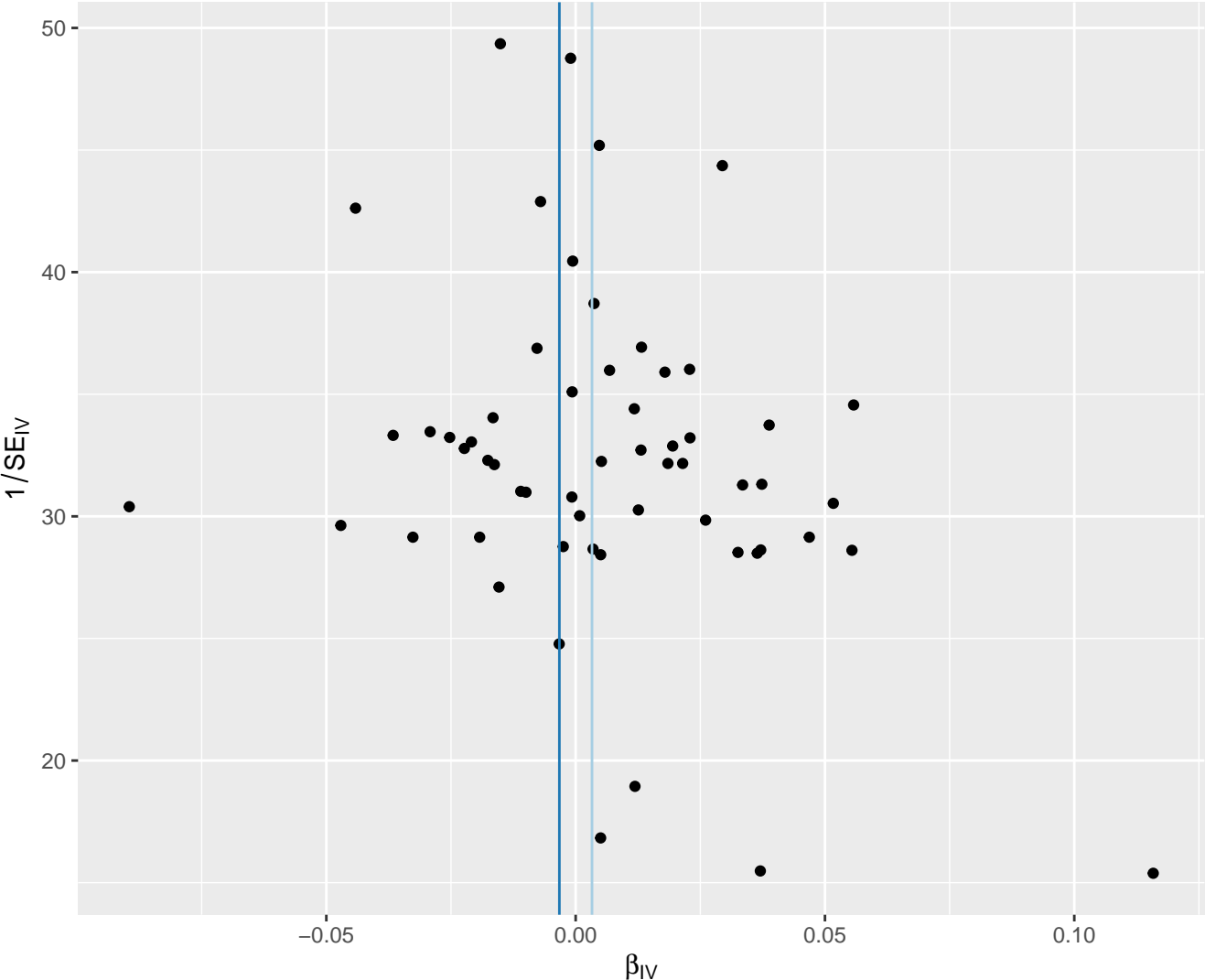
Inverse variance weighted

MR Egger



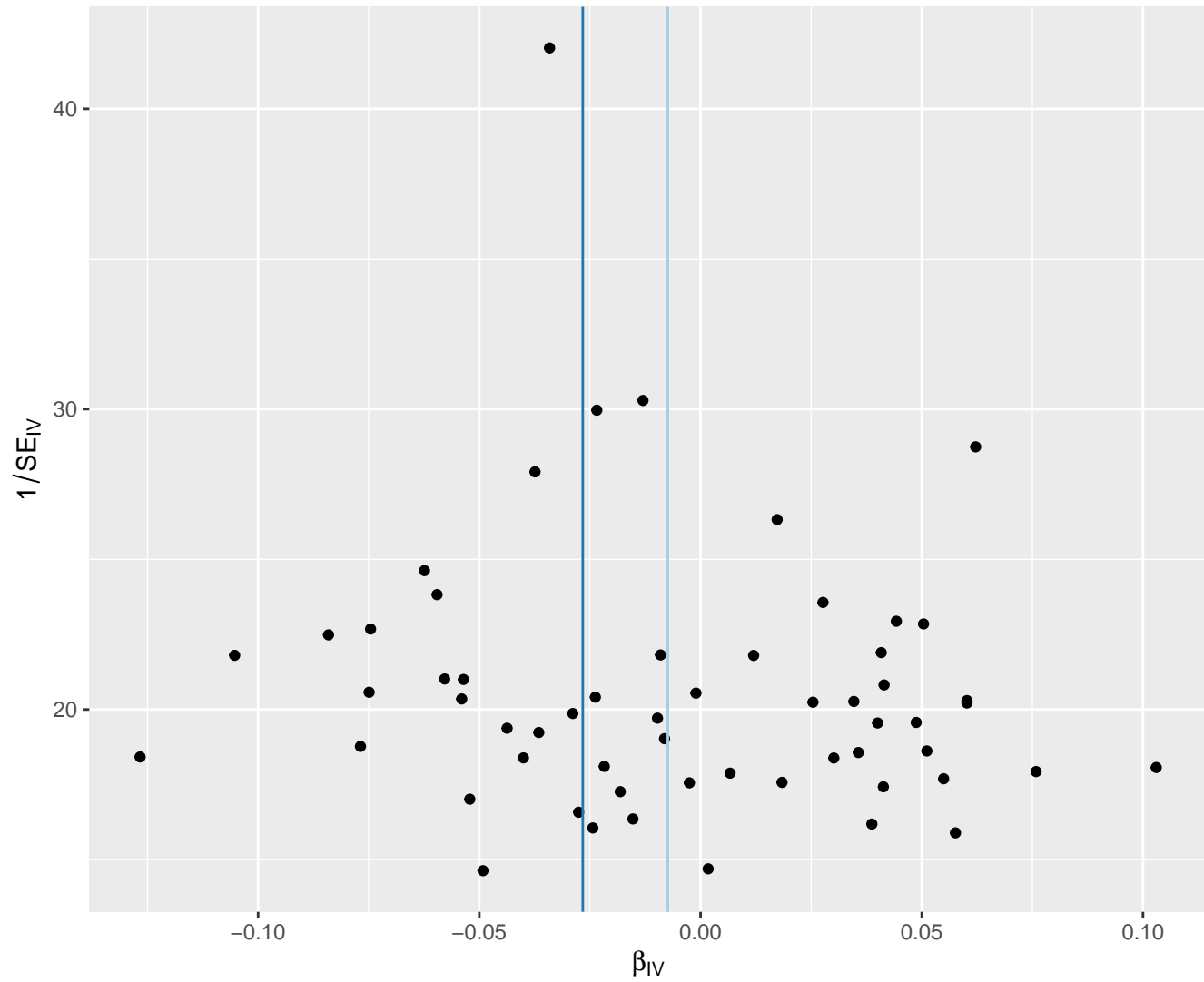
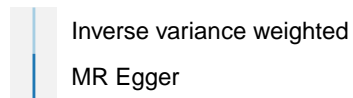
X-11538

MR Method



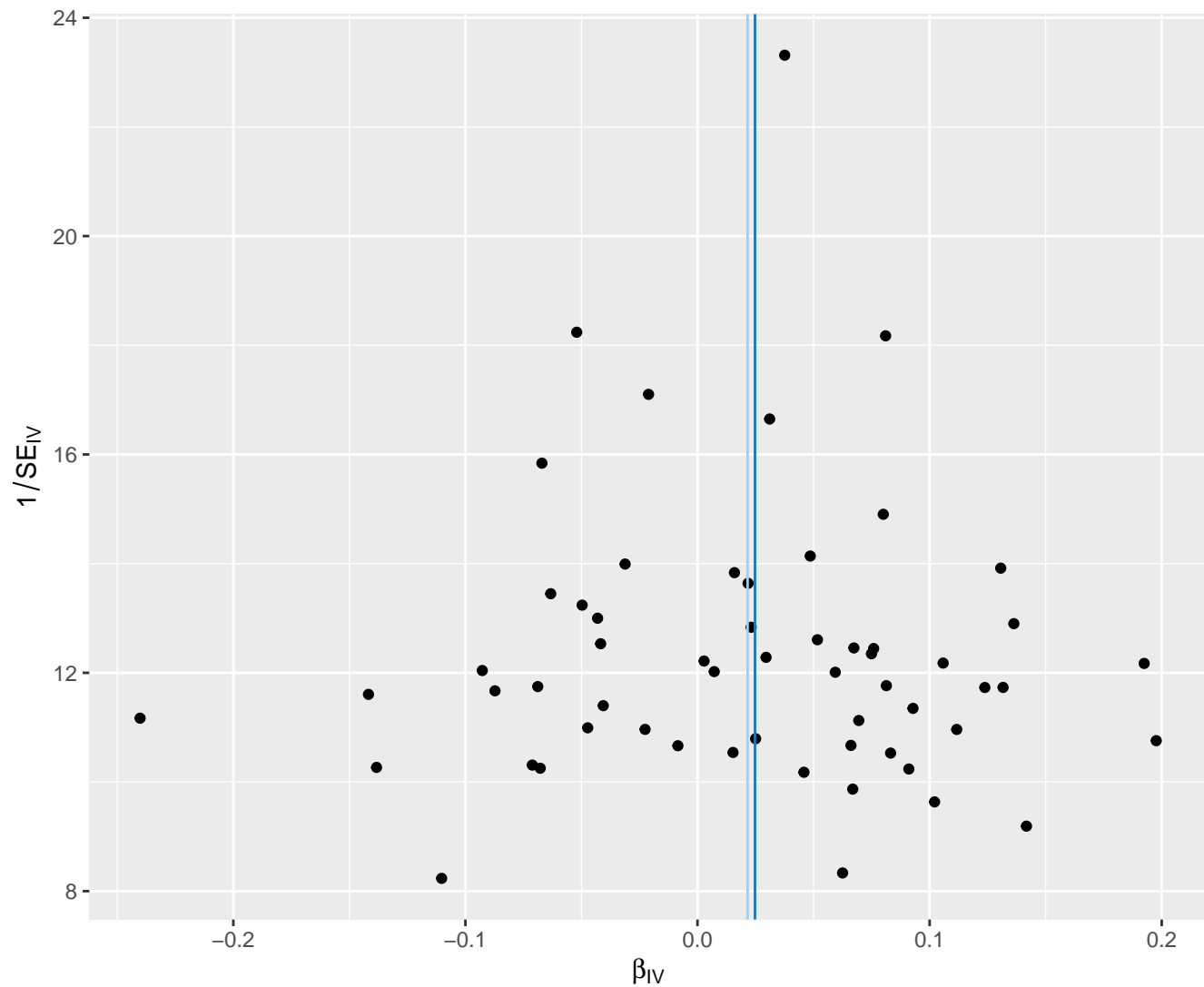
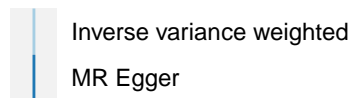
X-11540

MR Method



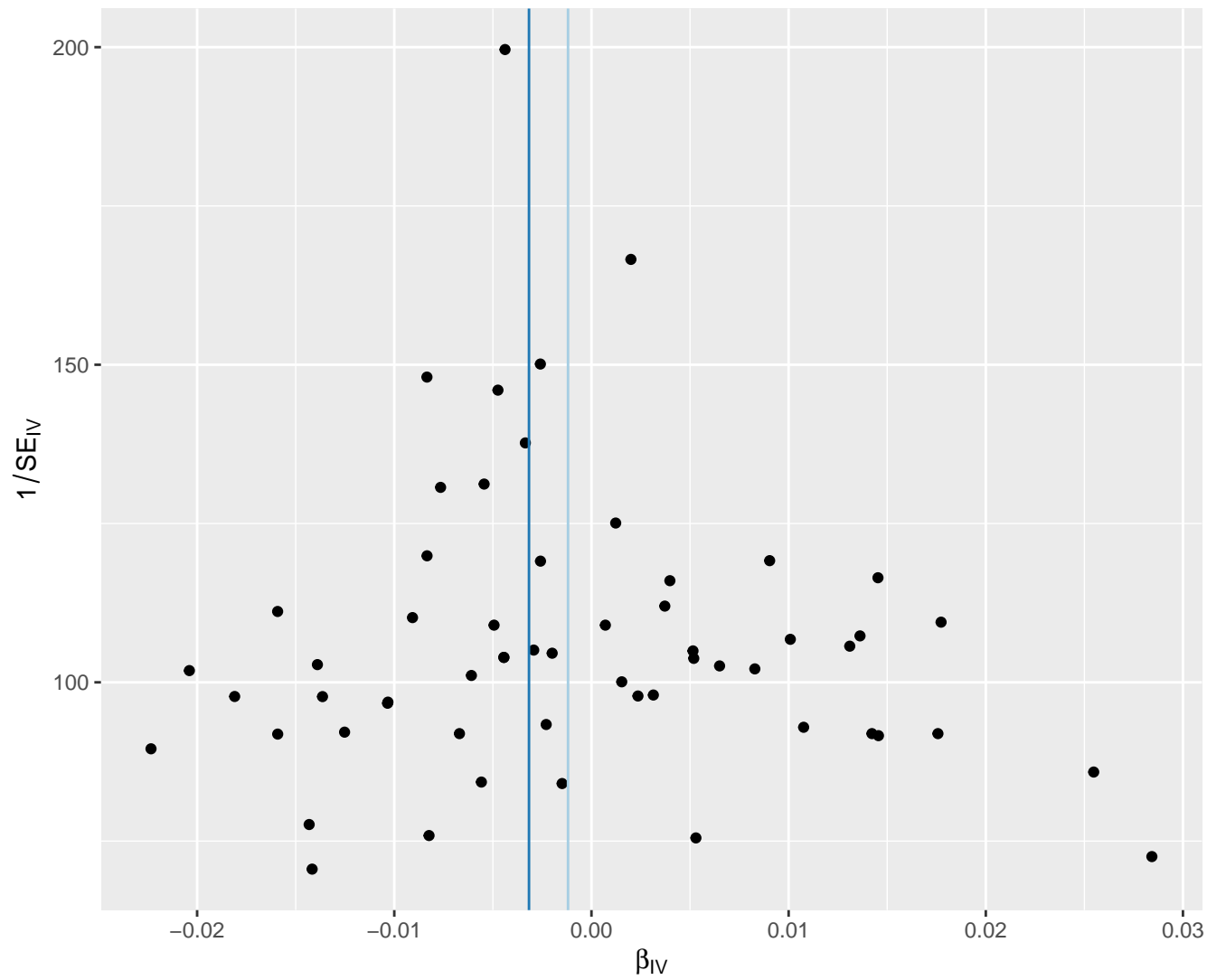
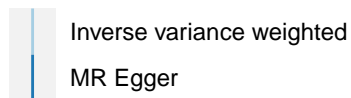
X-11546

MR Method



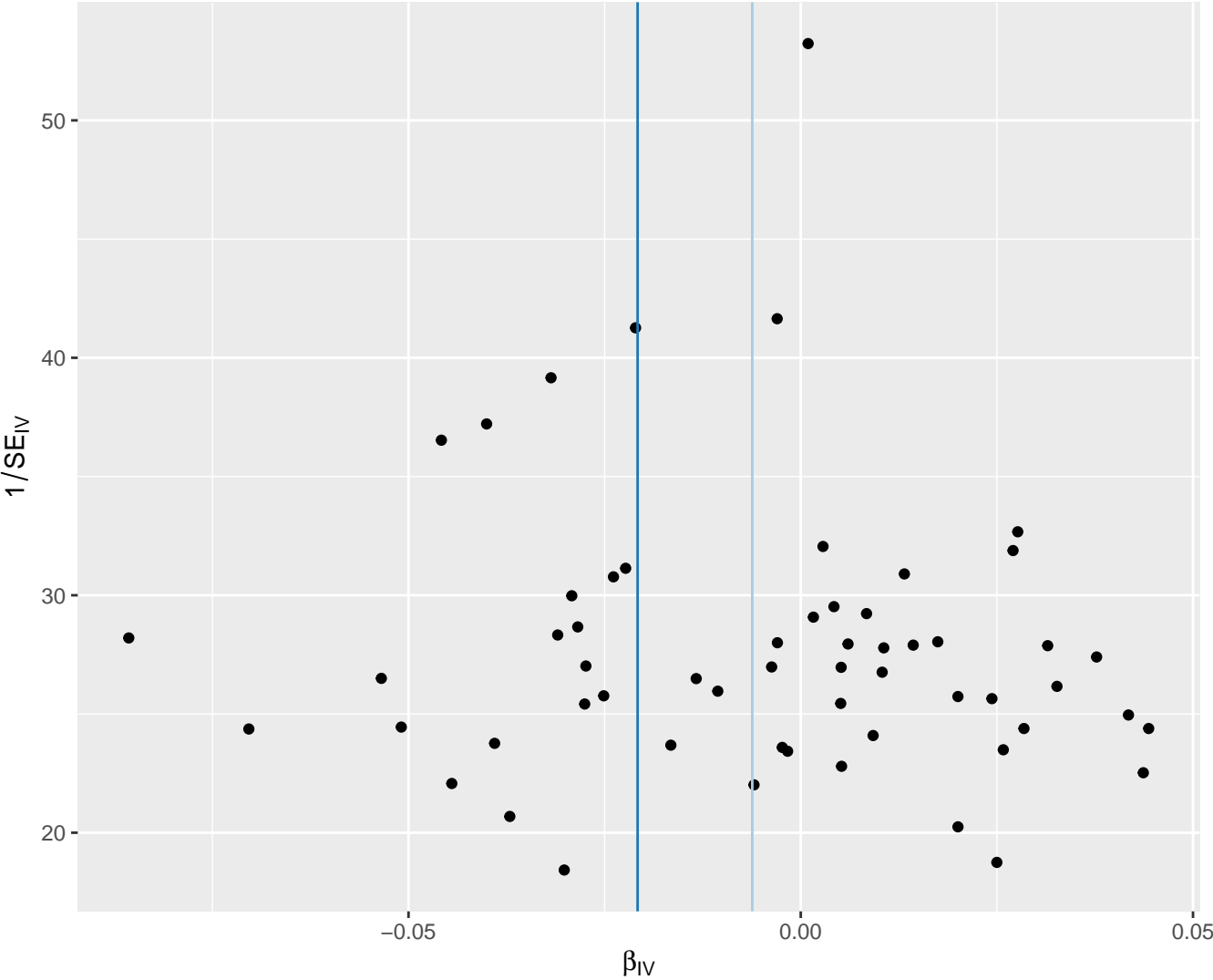
X-11550

MR Method



X-11552

MR Method

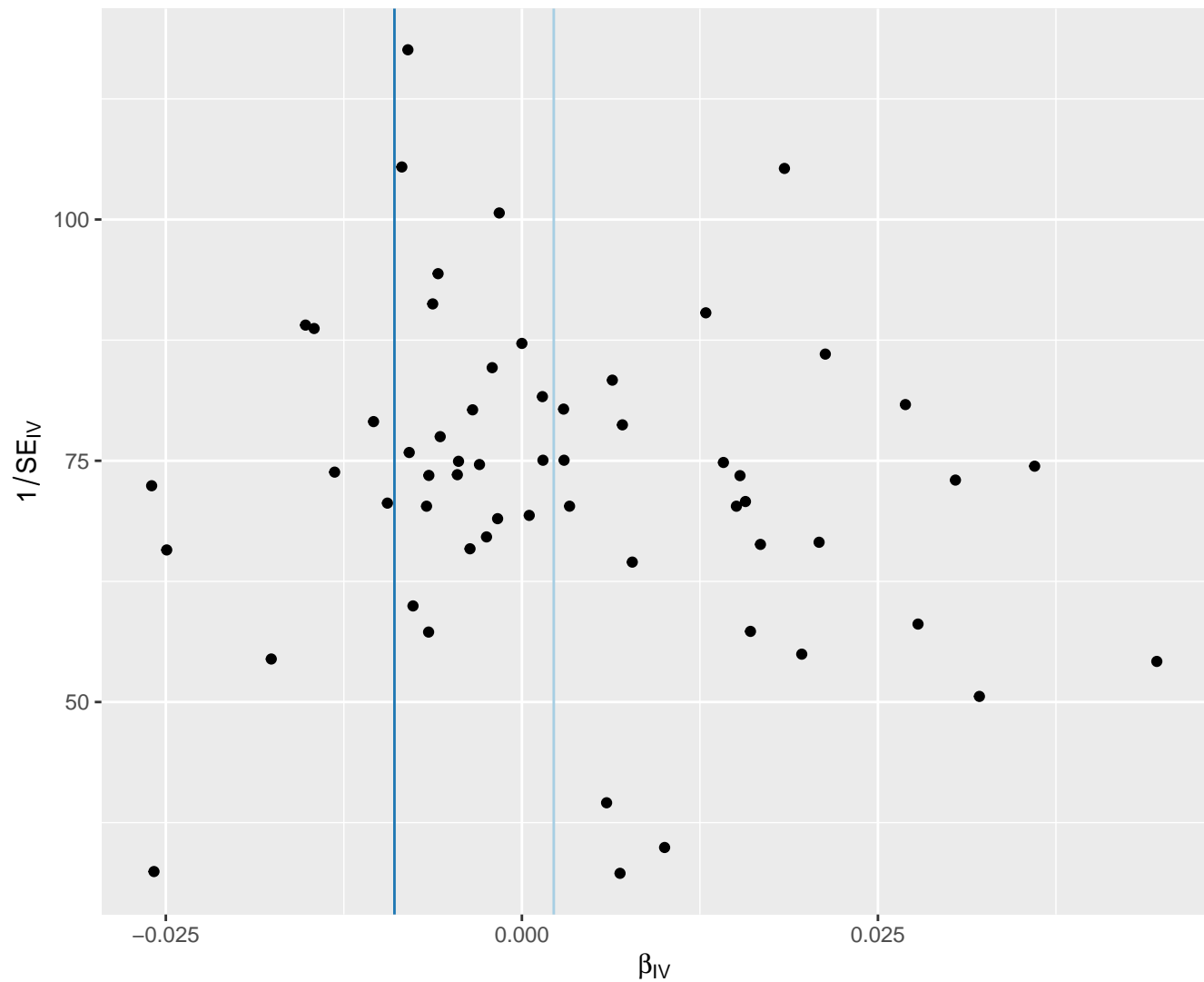


X-11593--O-methylascorbate\*

## MR Method

Inverse variance weighted

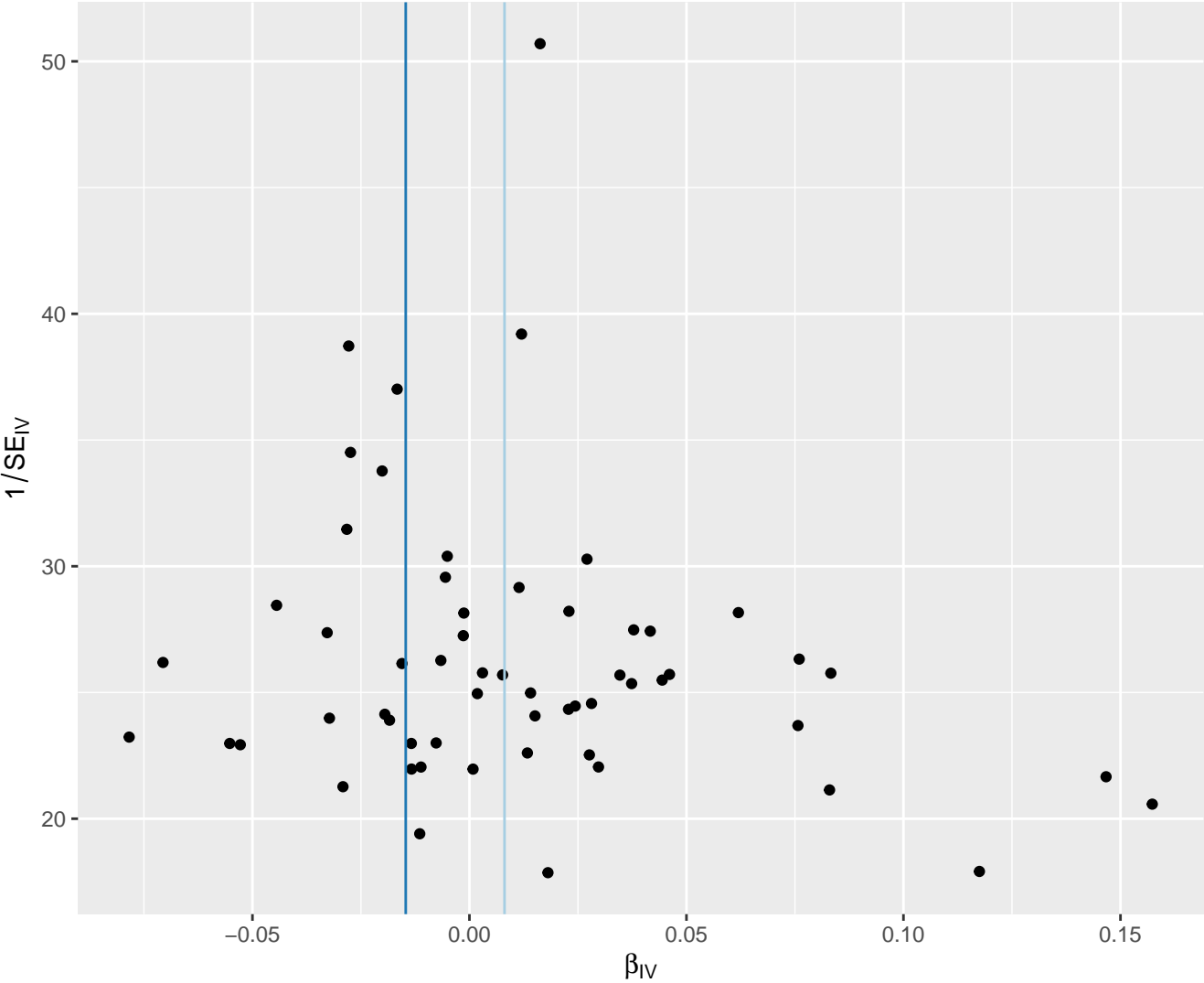
MR Egger



X-11786--methylcysteine

MR Method

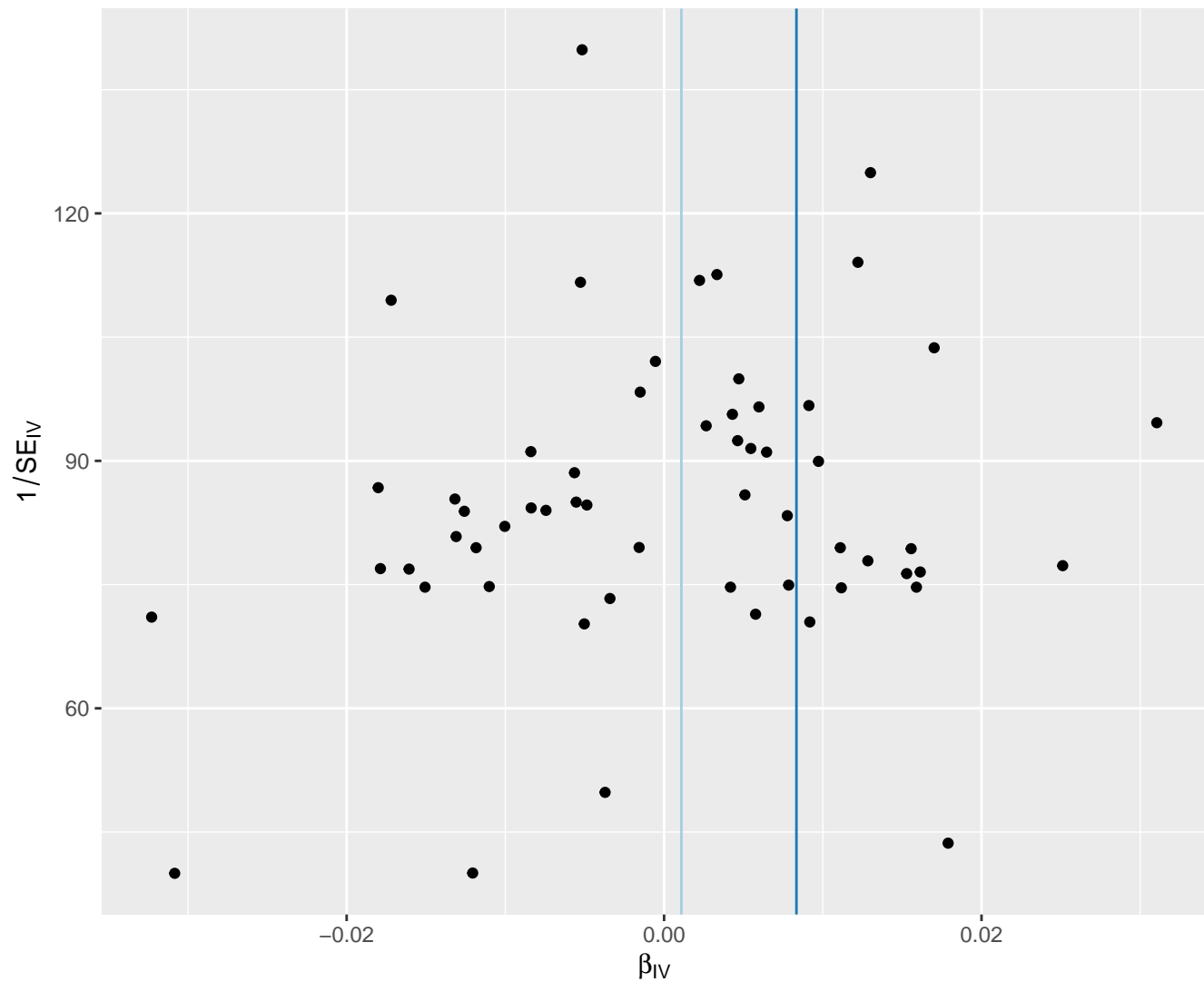
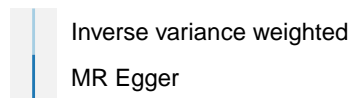
- Inverse variance weighted
- MR Egger





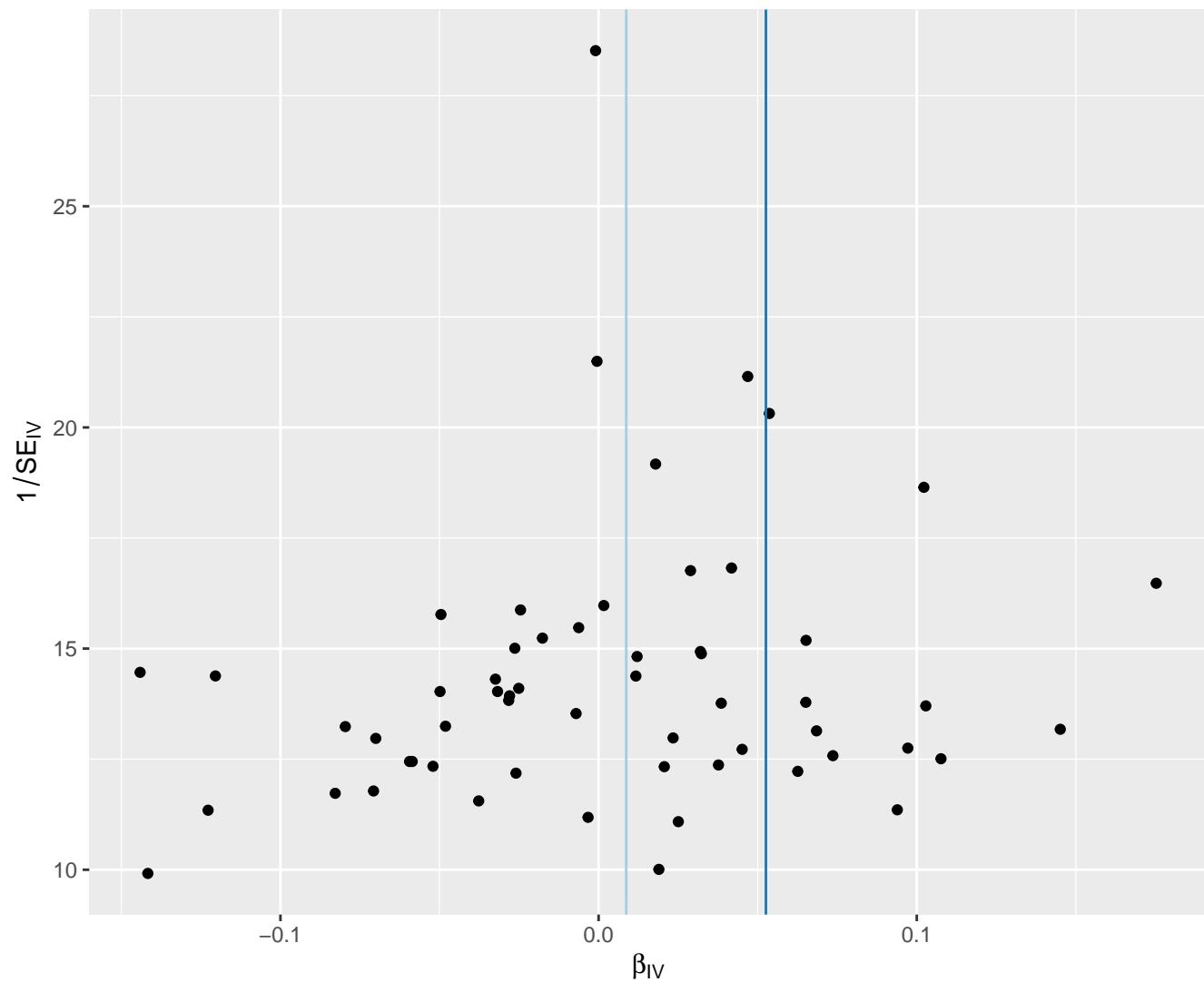
X-11787

MR Method



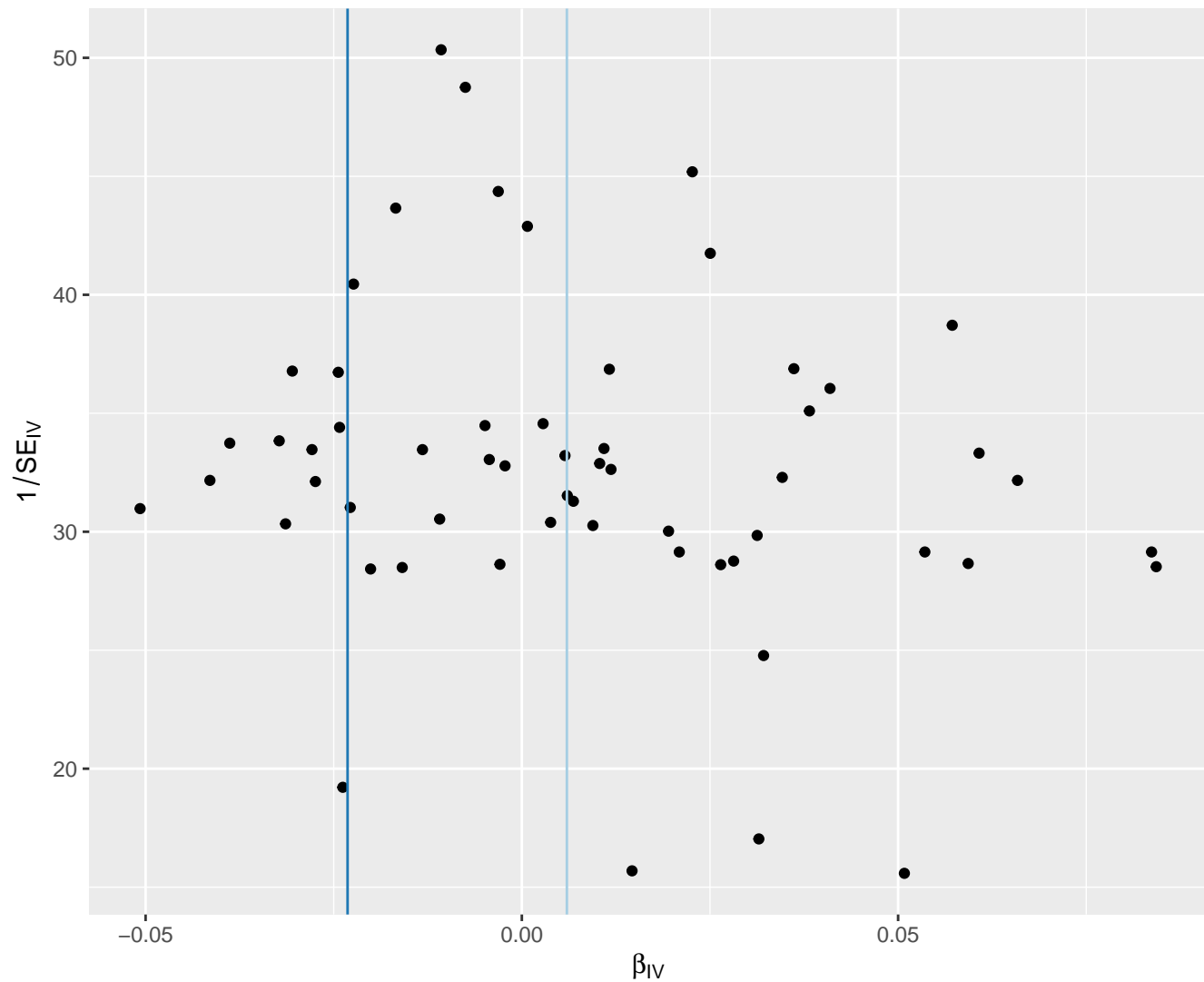
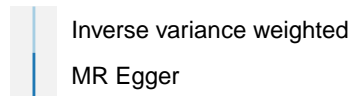
X-11792

MR Method



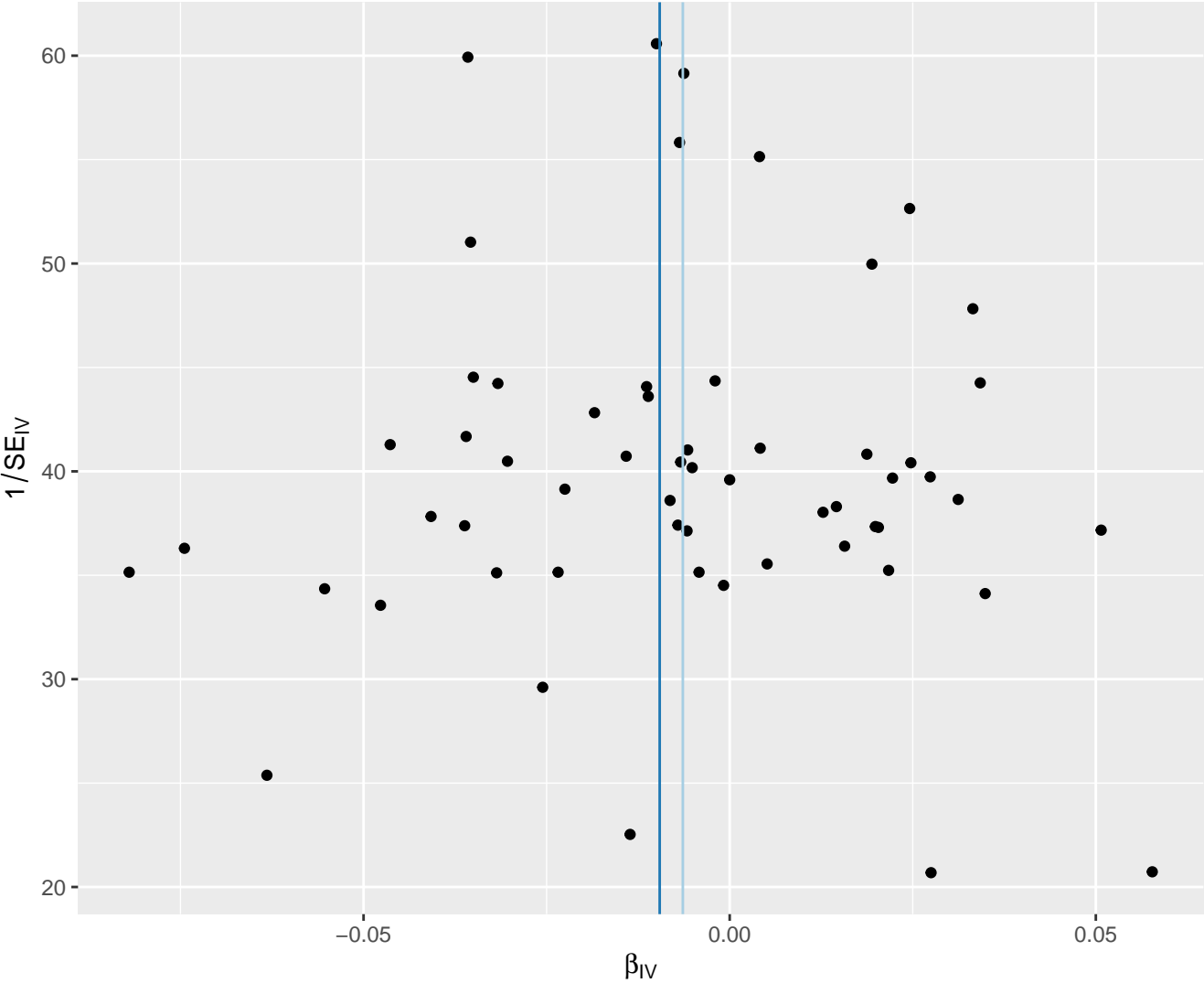
# X-11793--oxidized bilirubin\*

MR Method



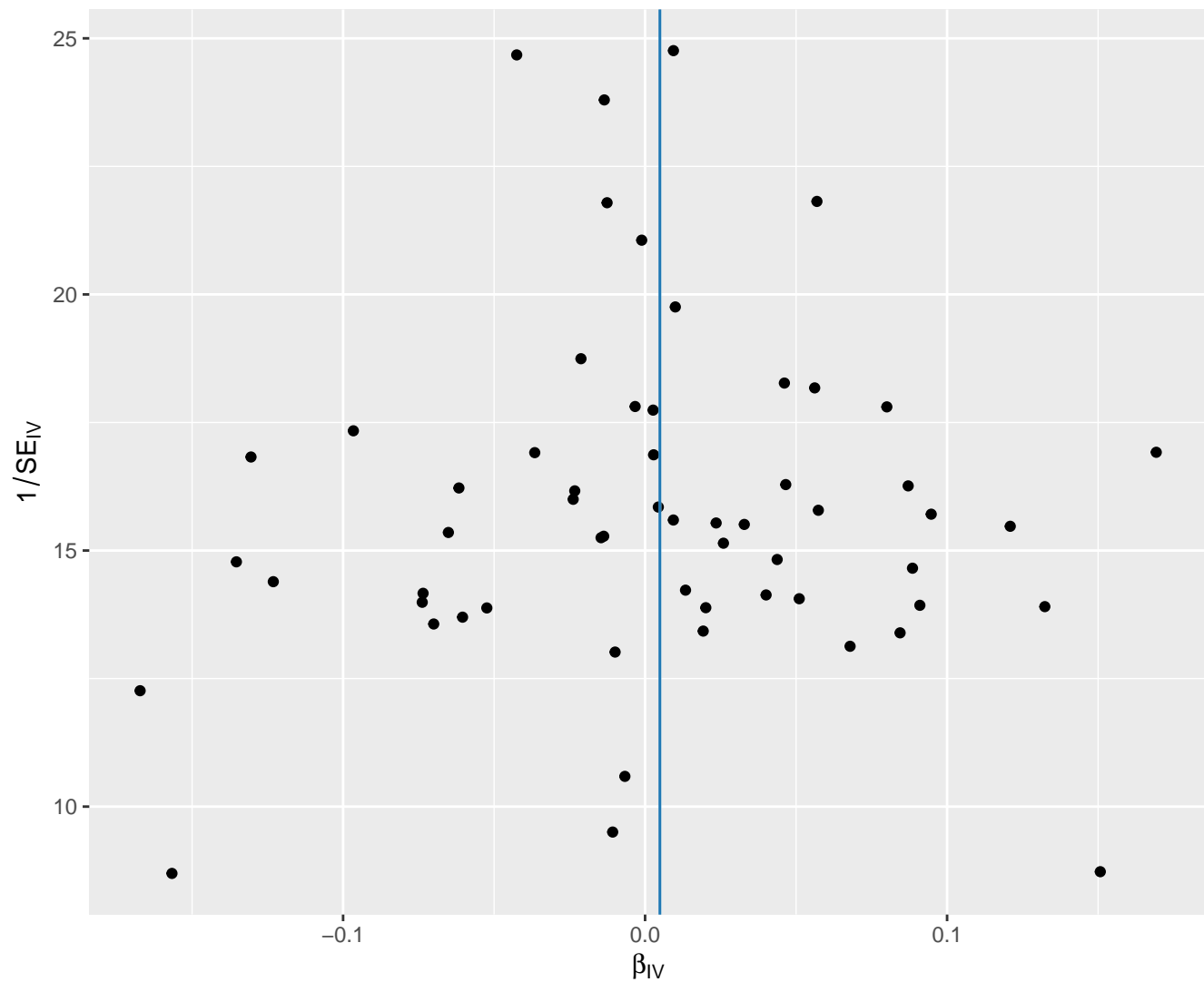
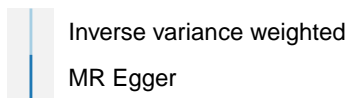
X-11795

MR Method



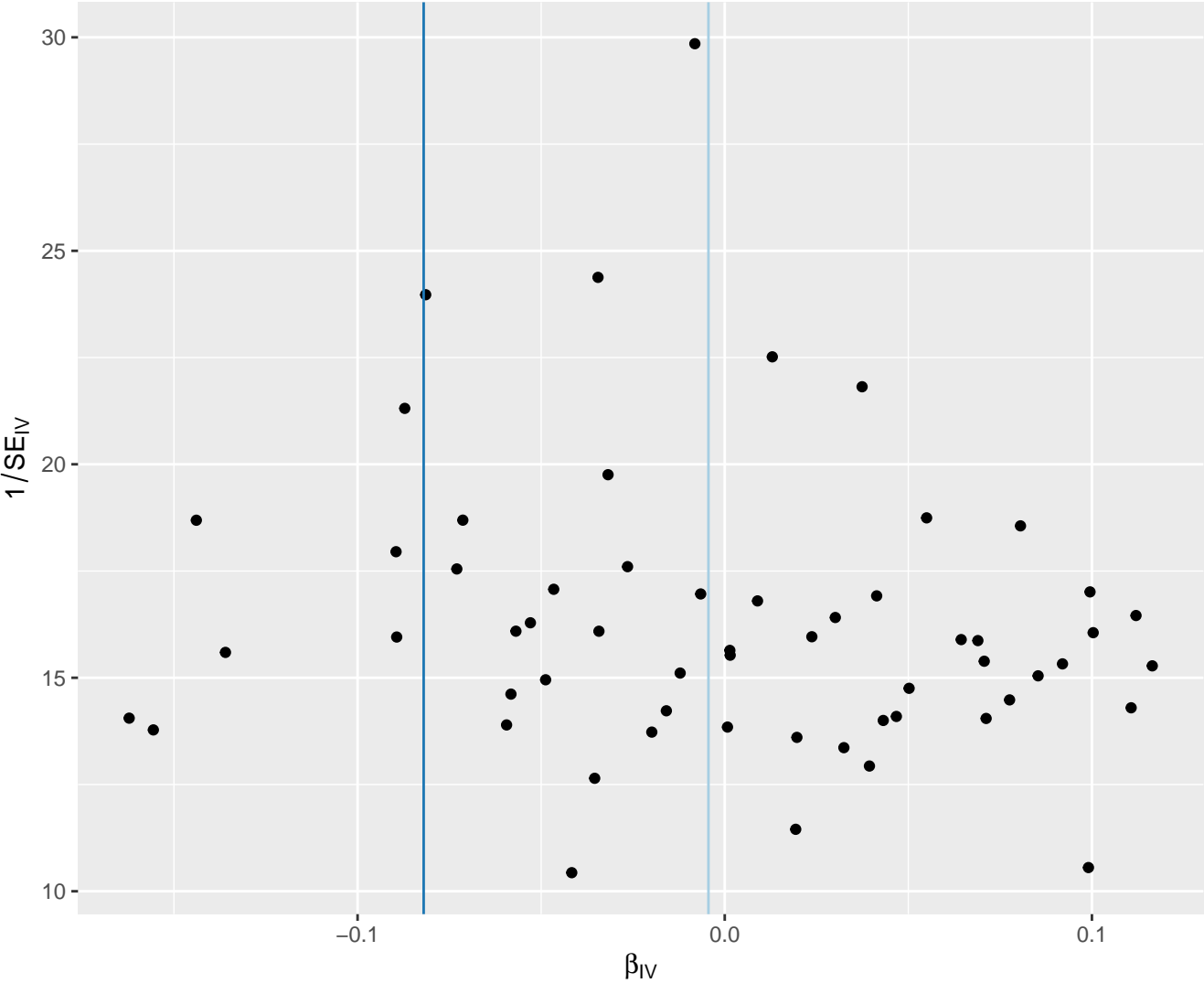
X-11799

MR Method



X-11805

MR Method



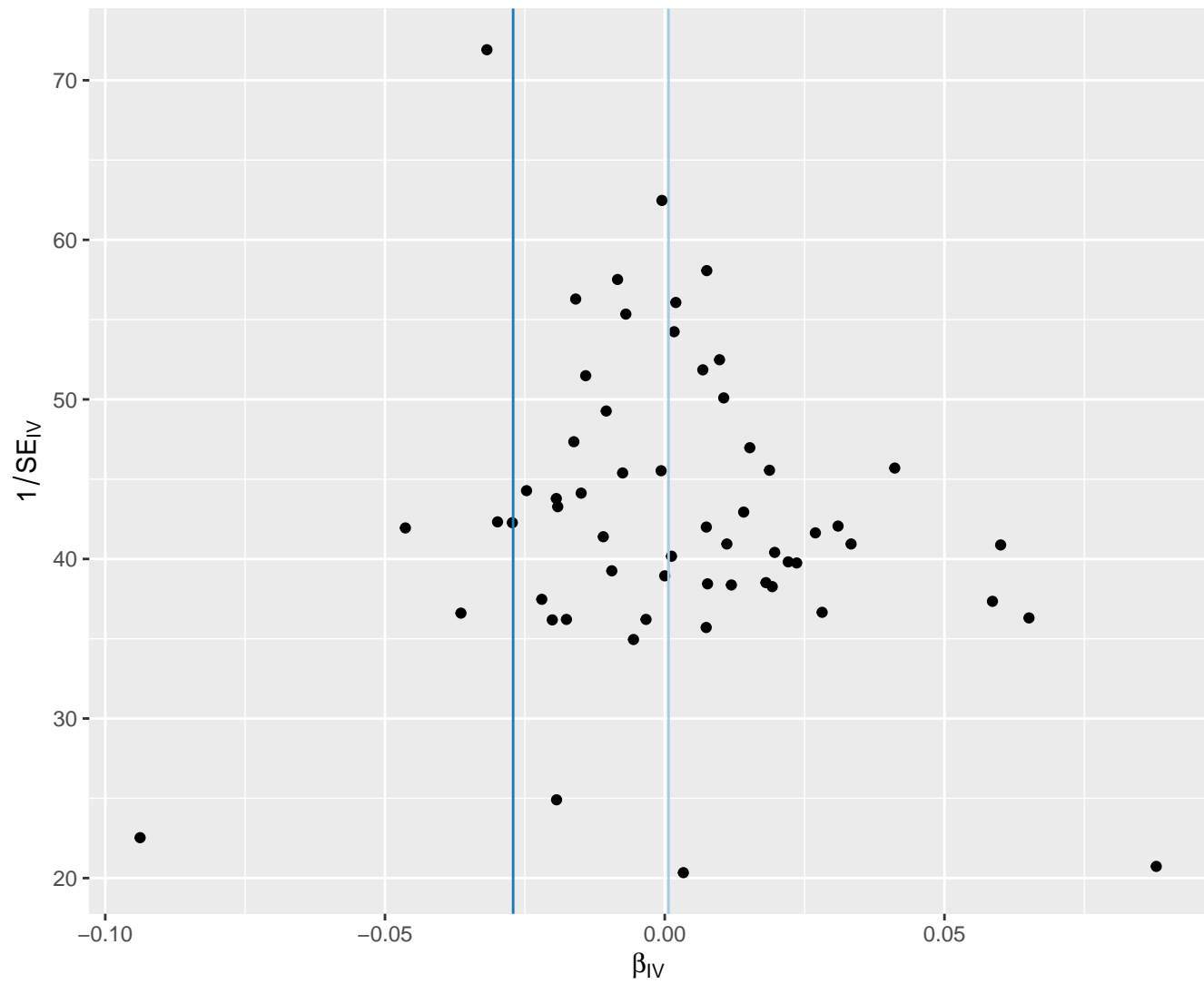
X-11818

MR Method



Inverse variance weighted

MR Egger



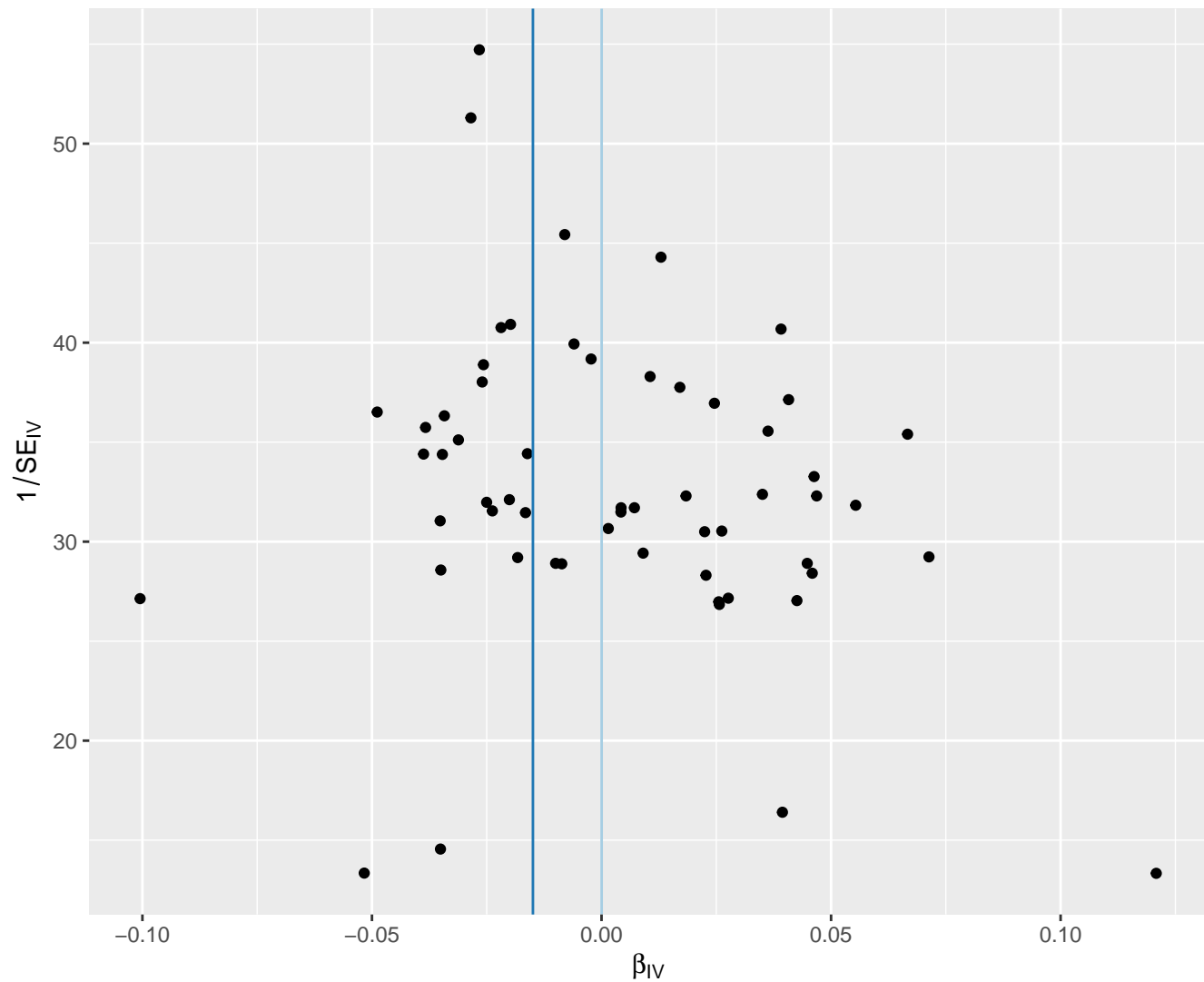
X-11820

MR Method



Inverse variance weighted

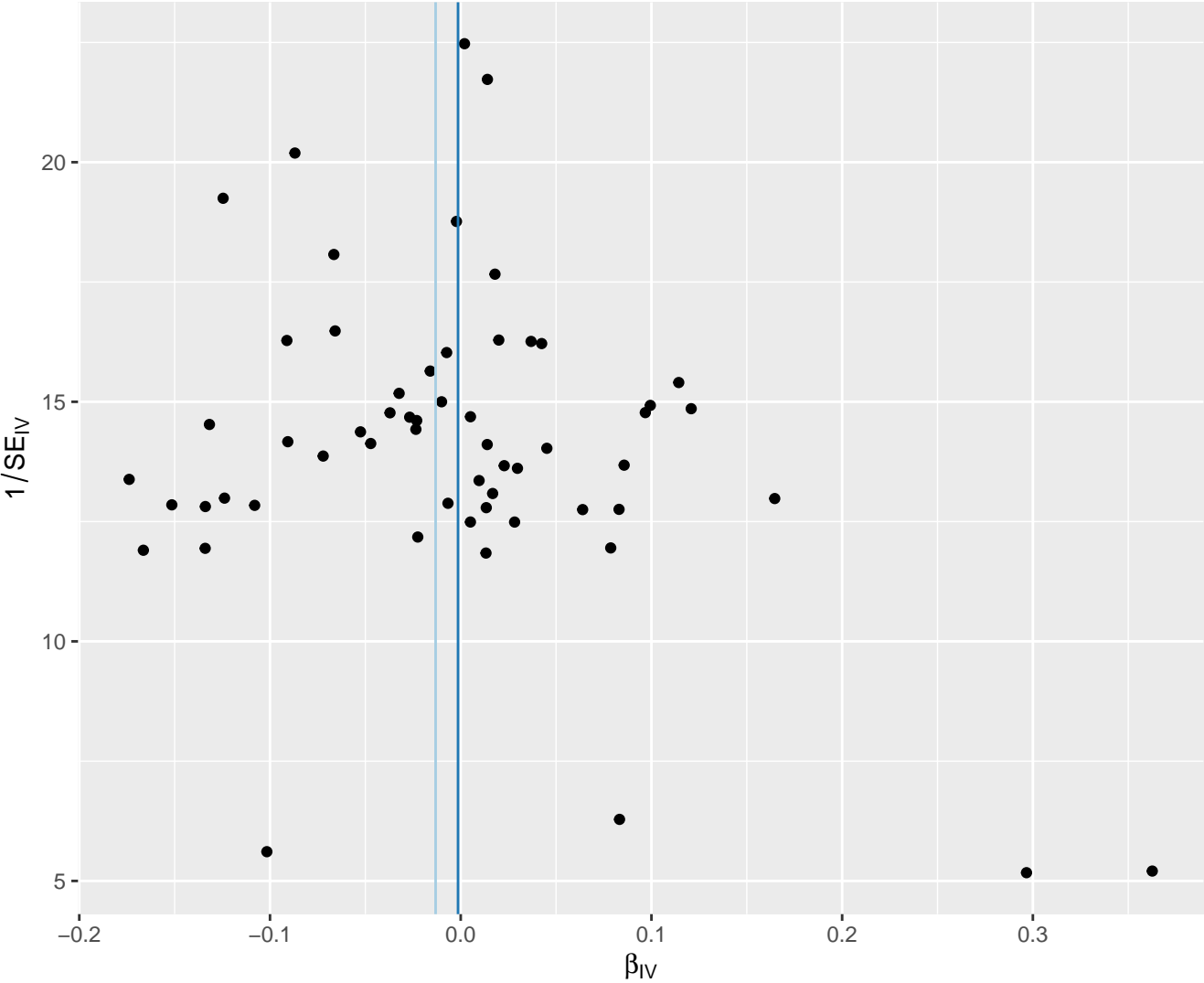
MR Egger



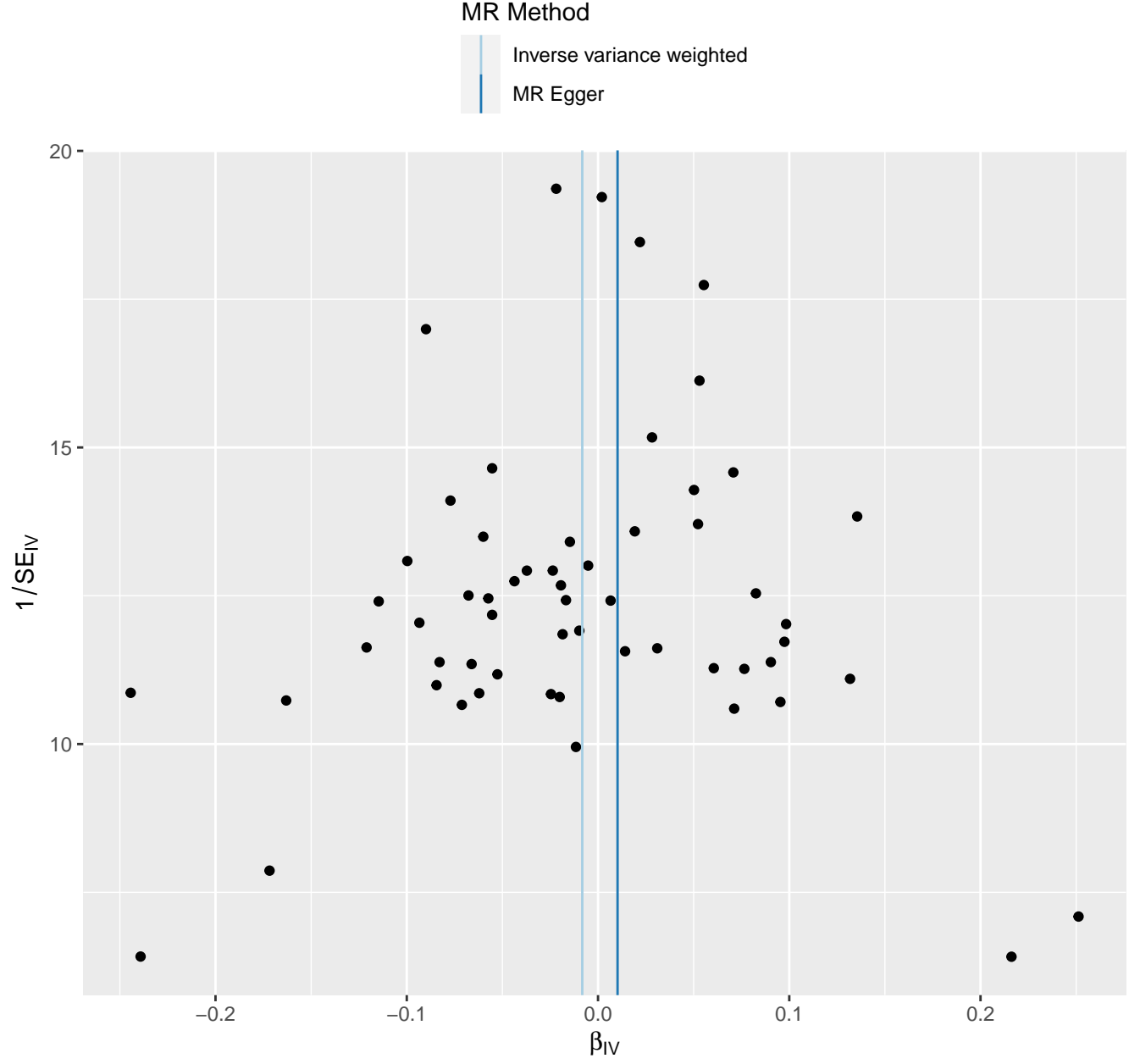


X-11843

MR Method



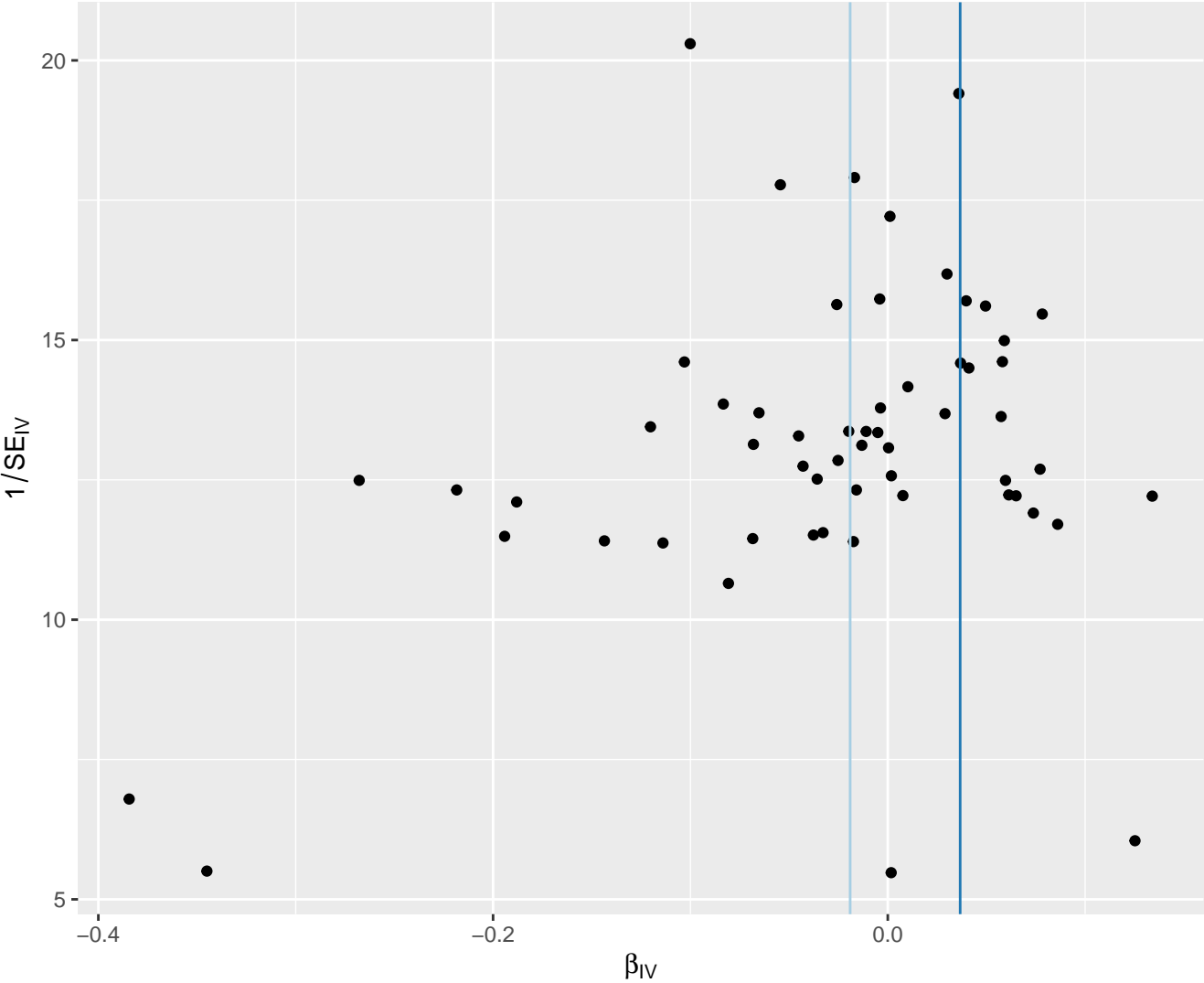
X-11845



X-11847

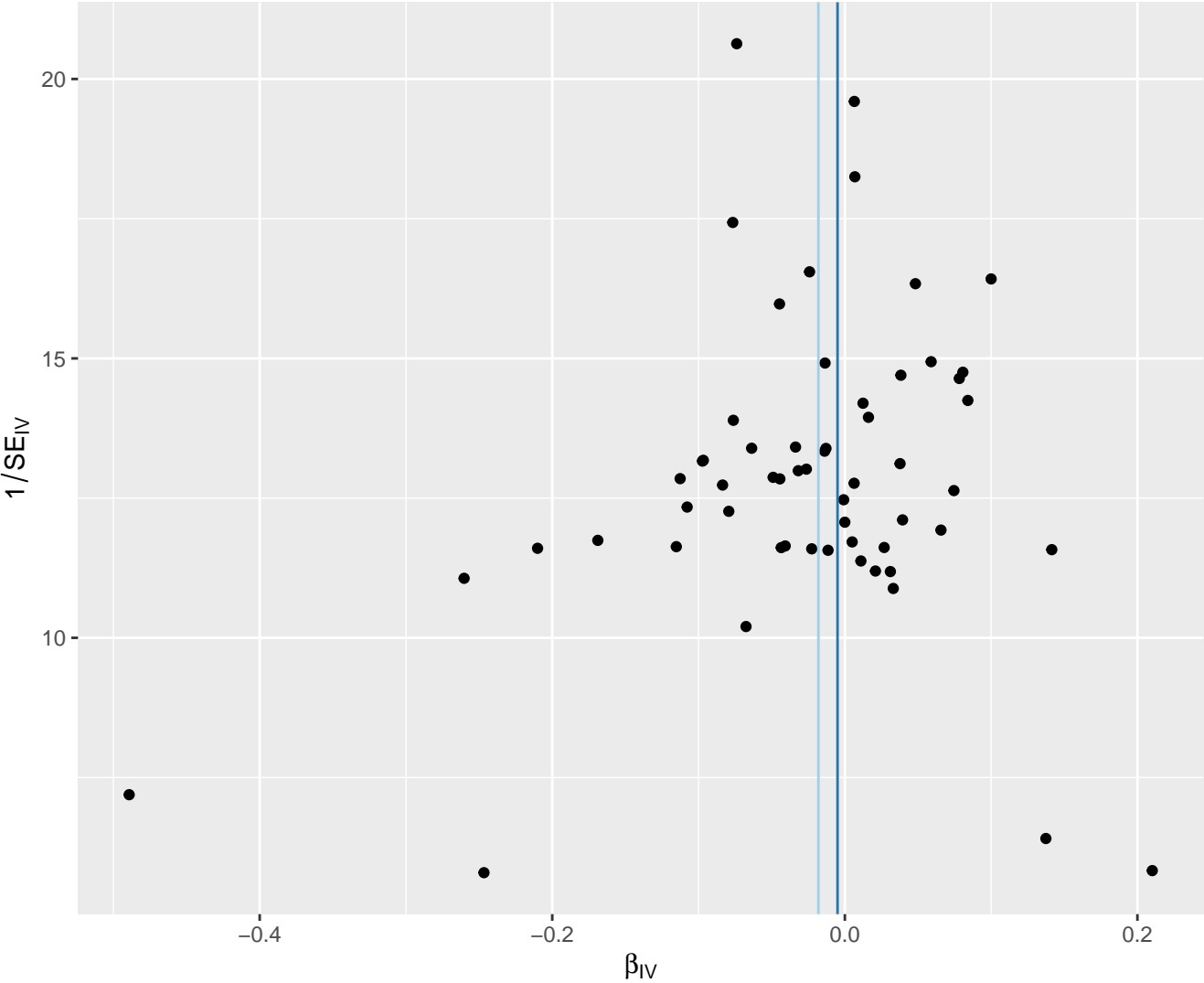
MR Method

- Inverse variance weighted
- MR Egger



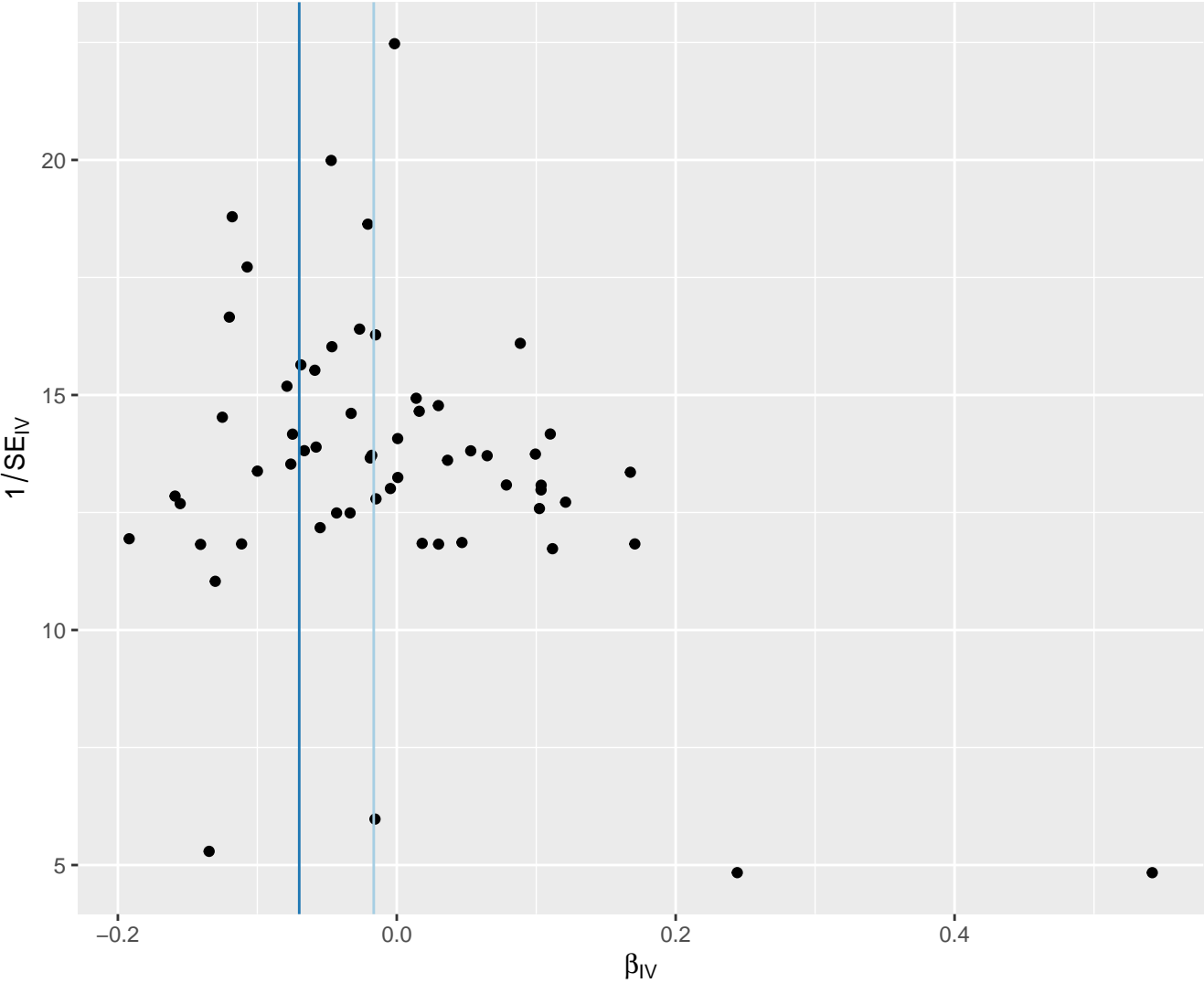
X-11849

MR Method



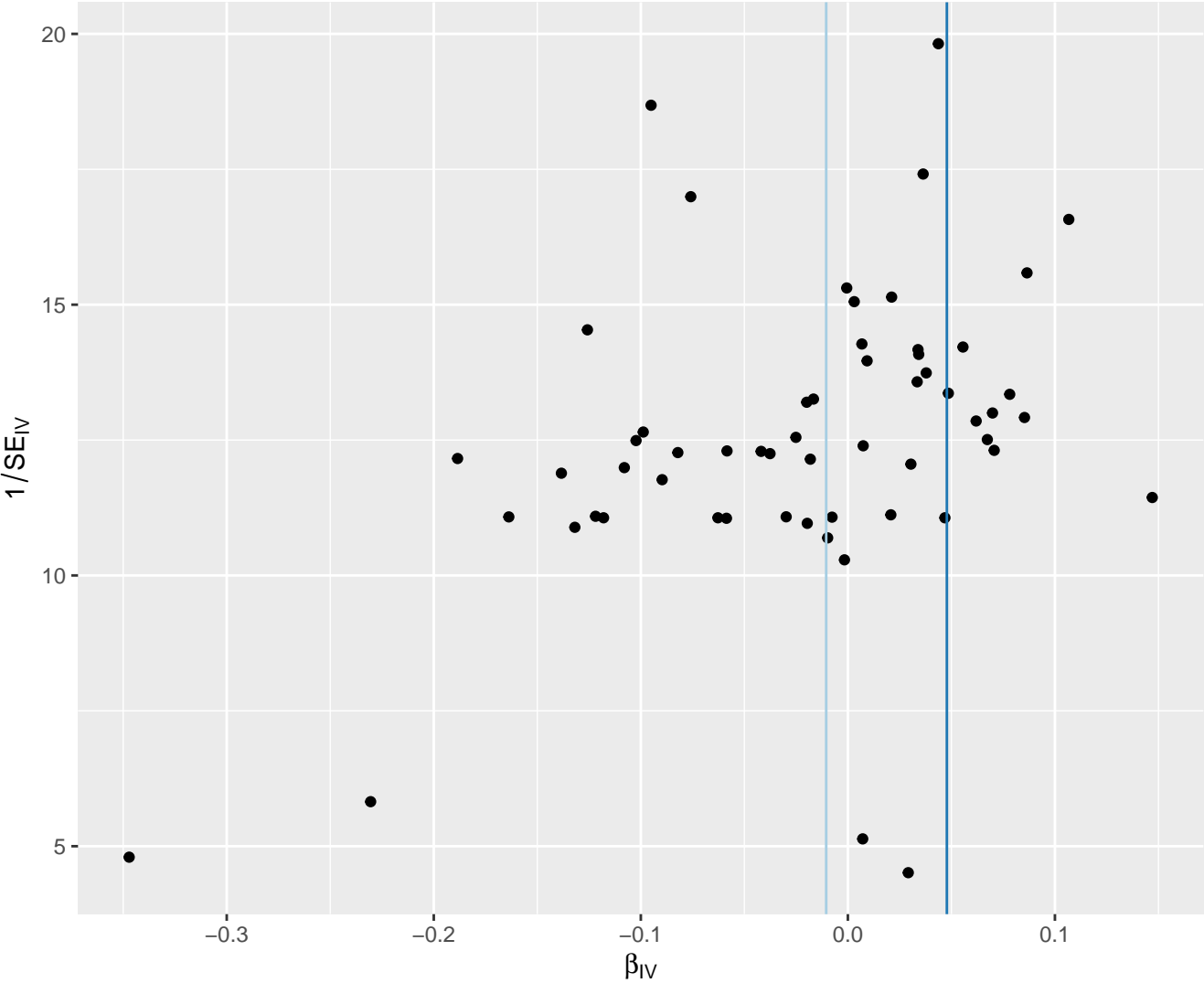
X-11850

MR Method



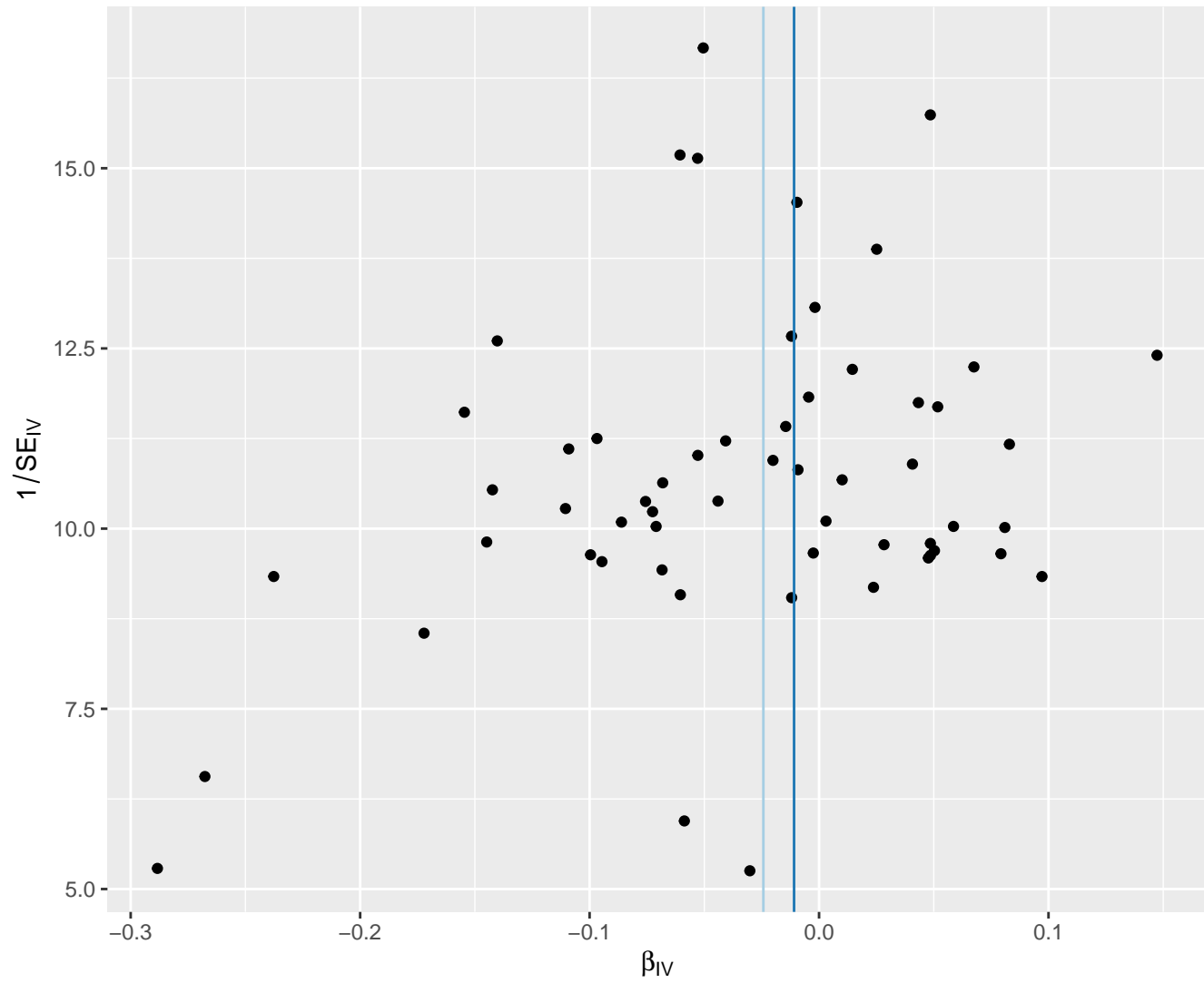
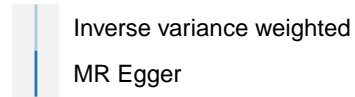
X-11852

MR Method



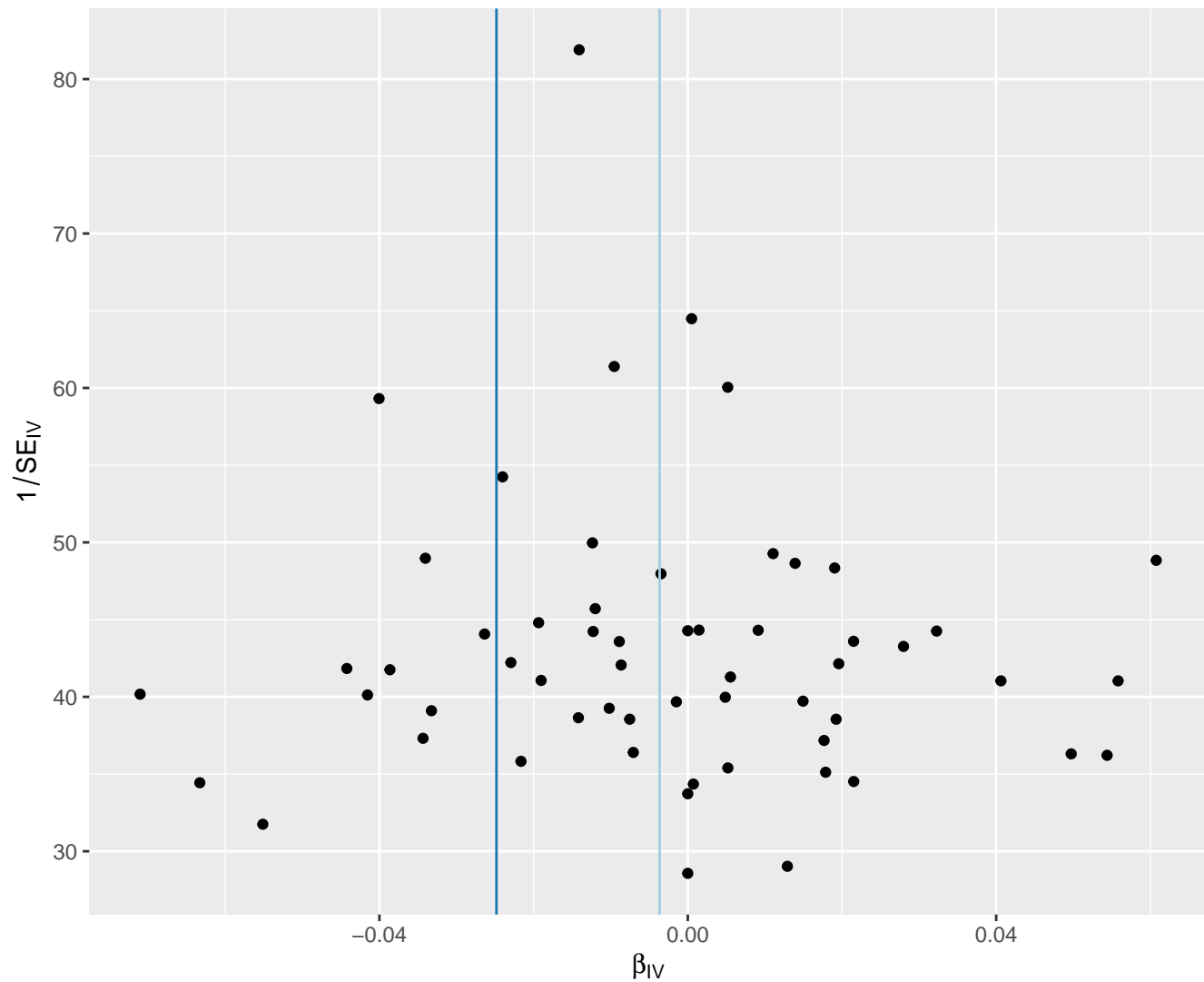
X-11858

MR Method



X-11859

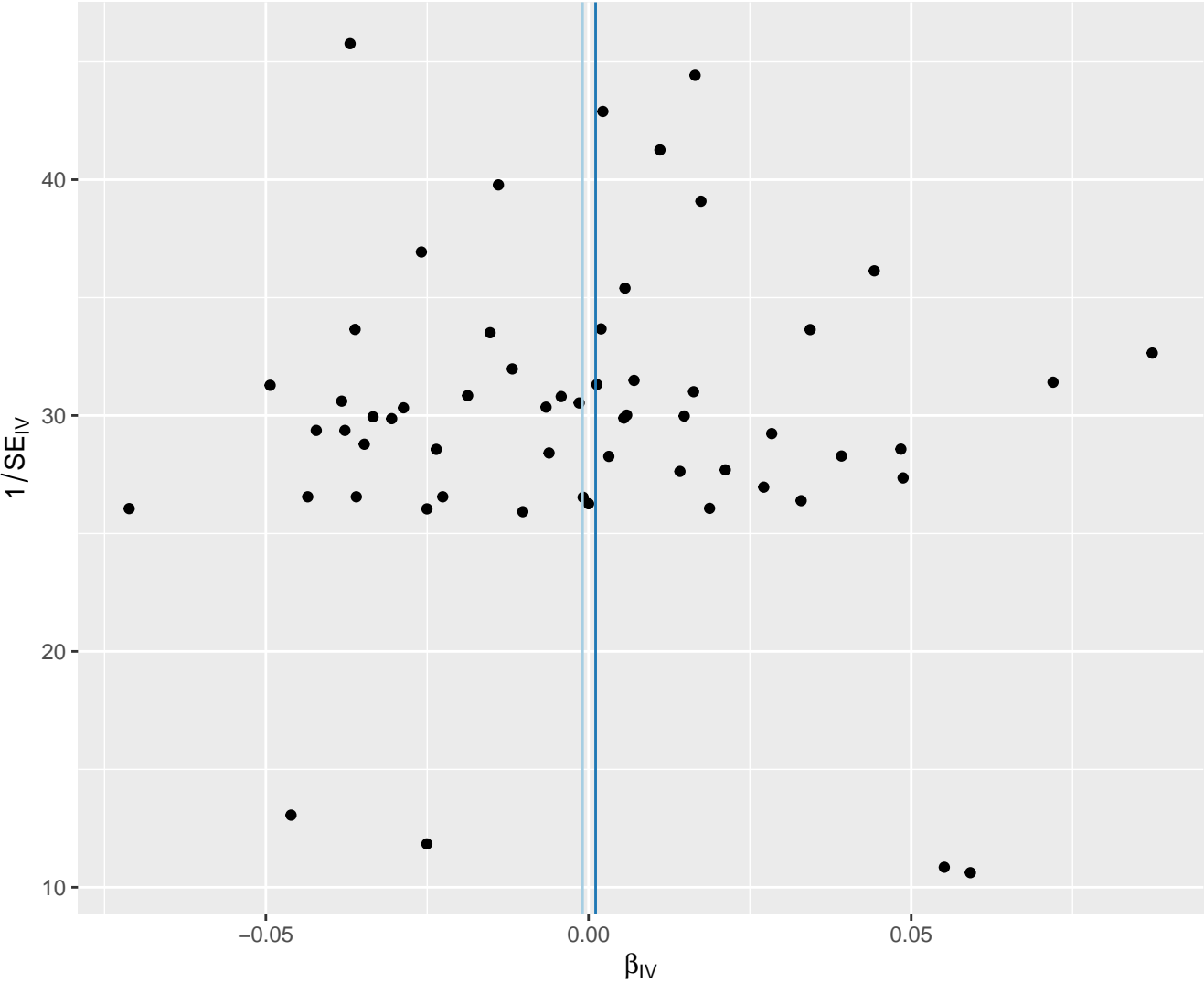
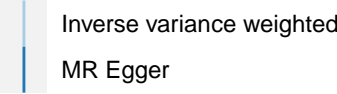
MR Method





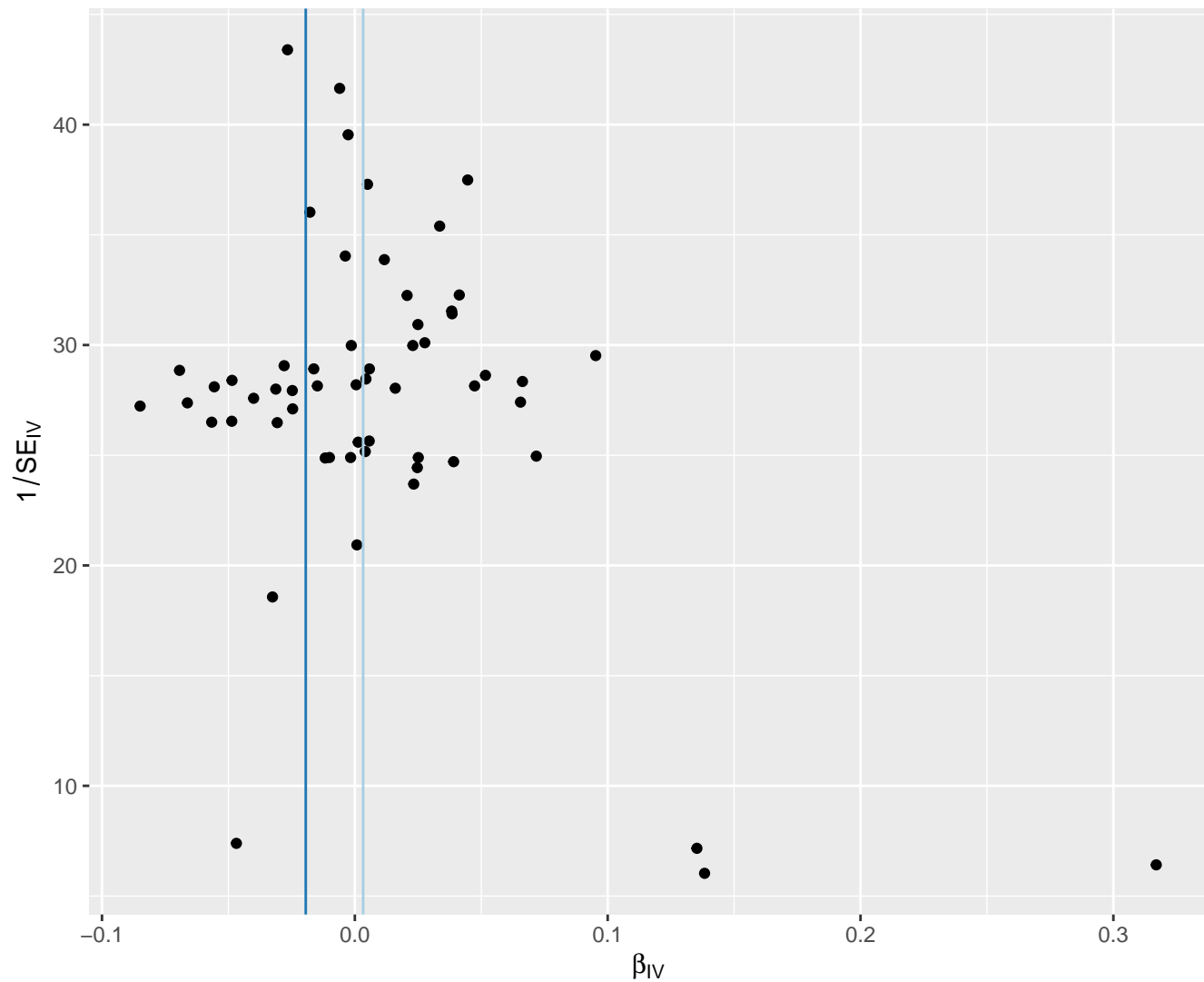
X-11876

MR Method



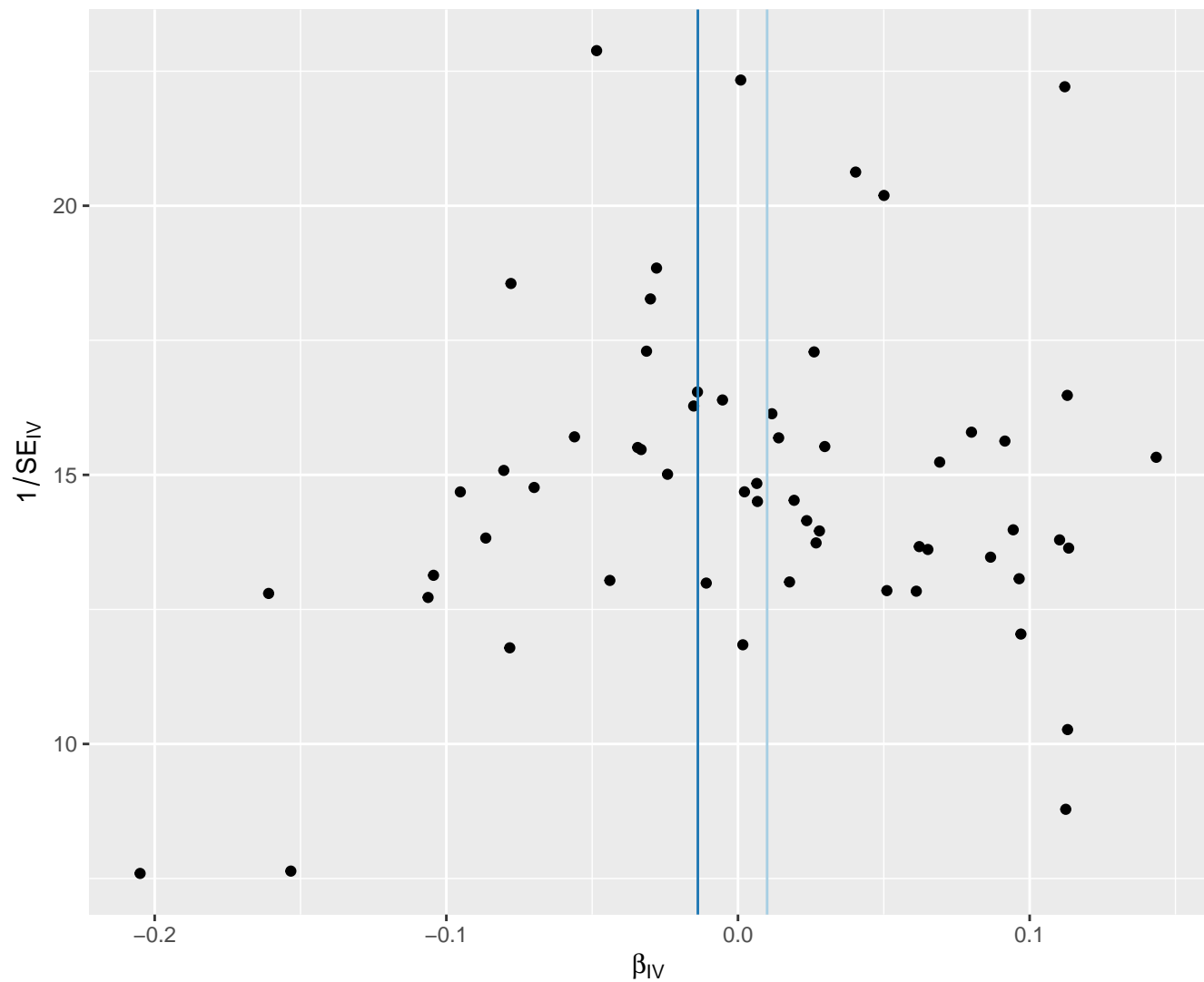
X-11905

MR Method



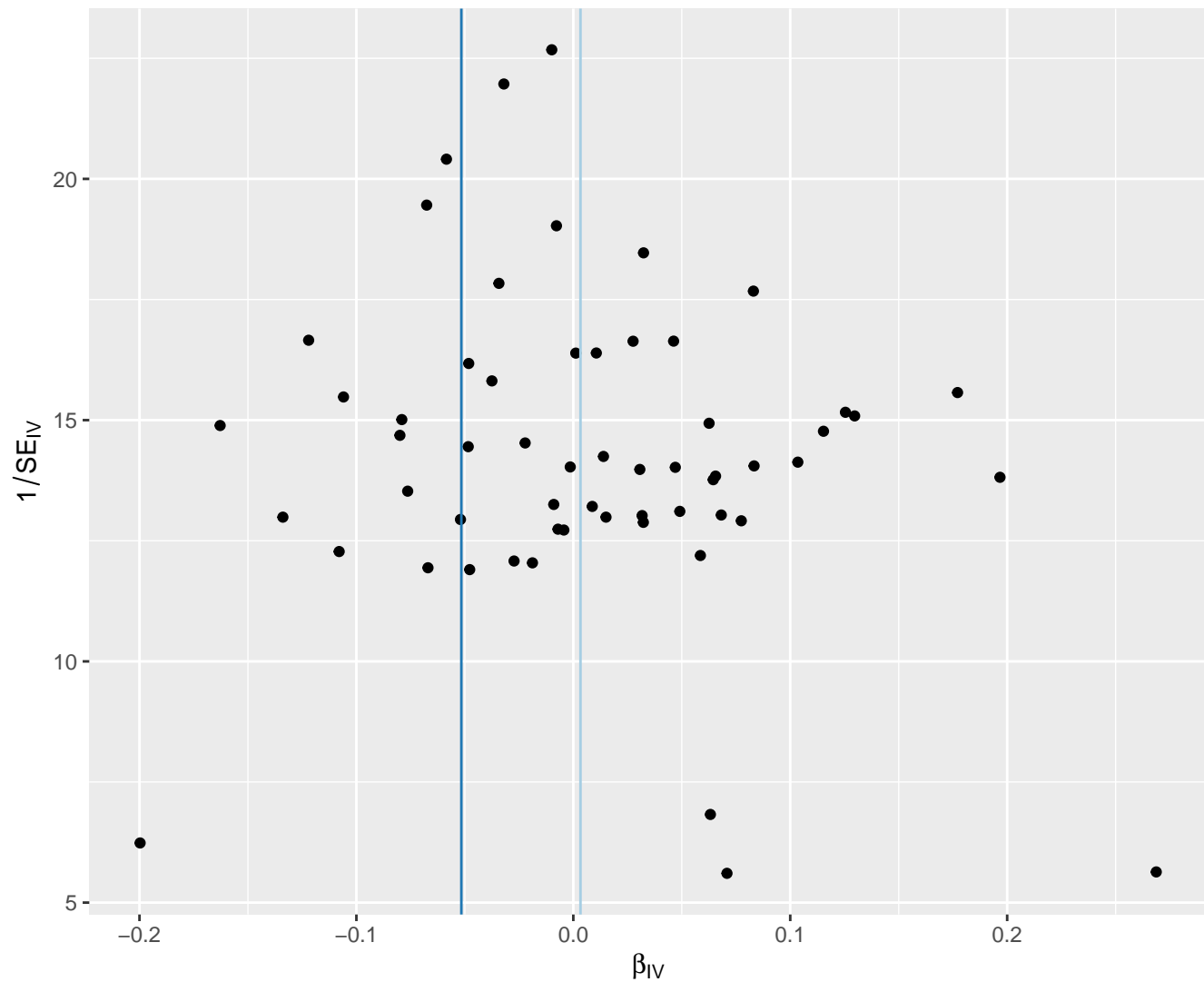
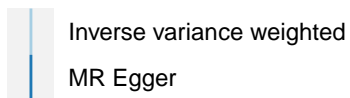
X-12007

MR Method



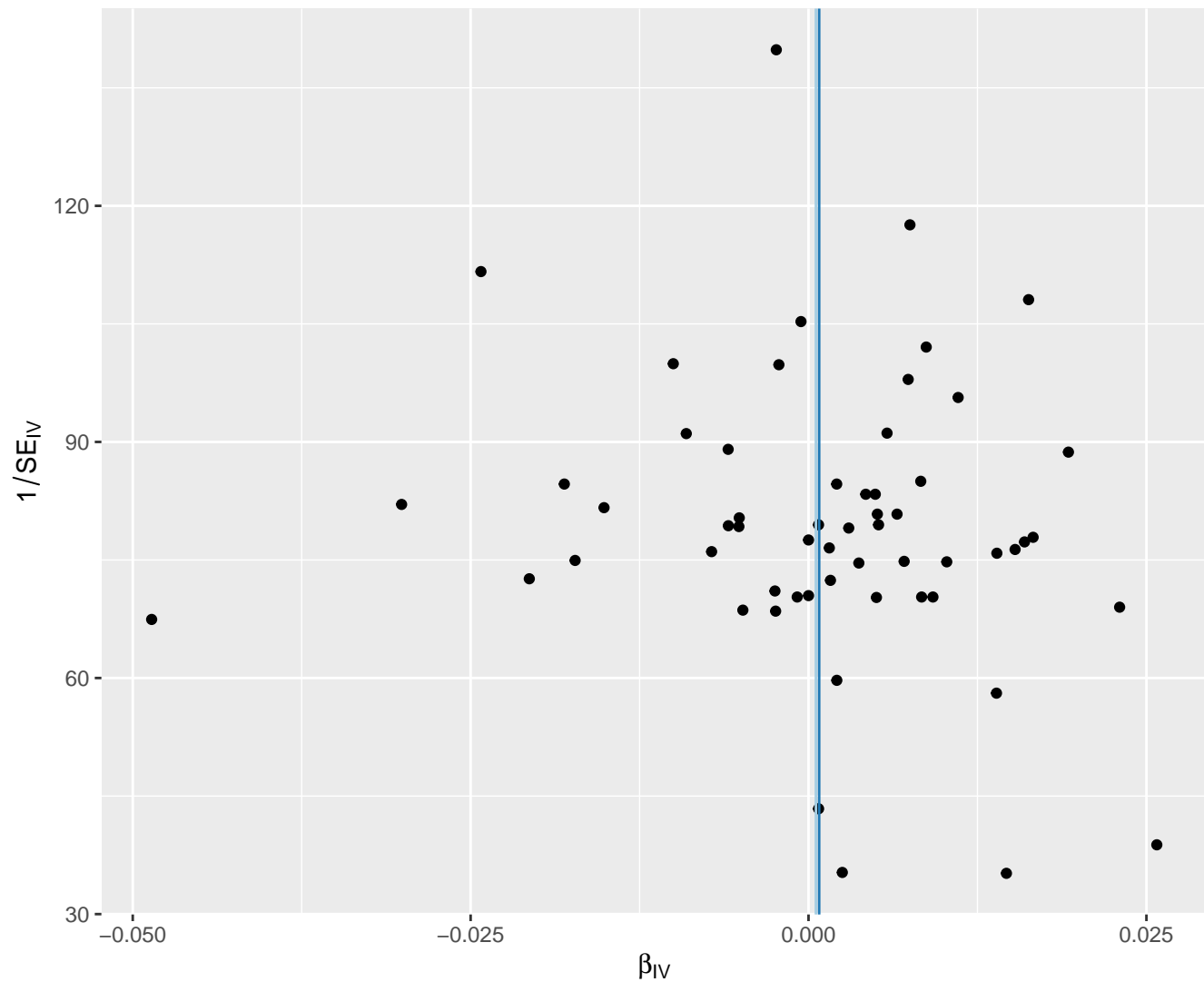
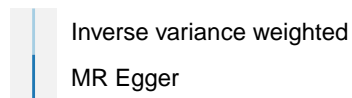
X-12013

MR Method



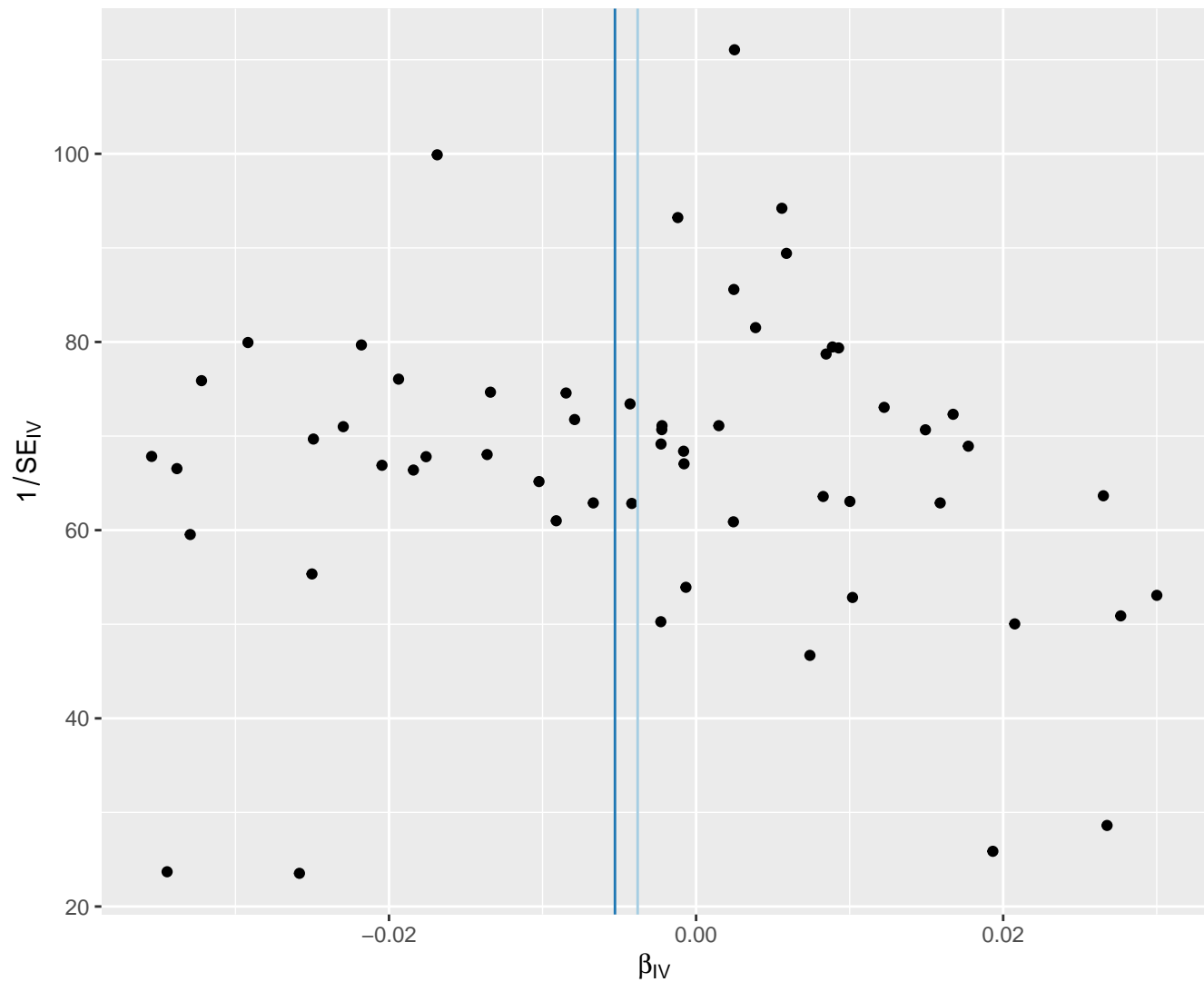
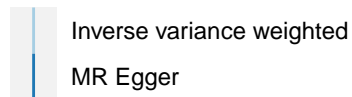
X-12029

MR Method



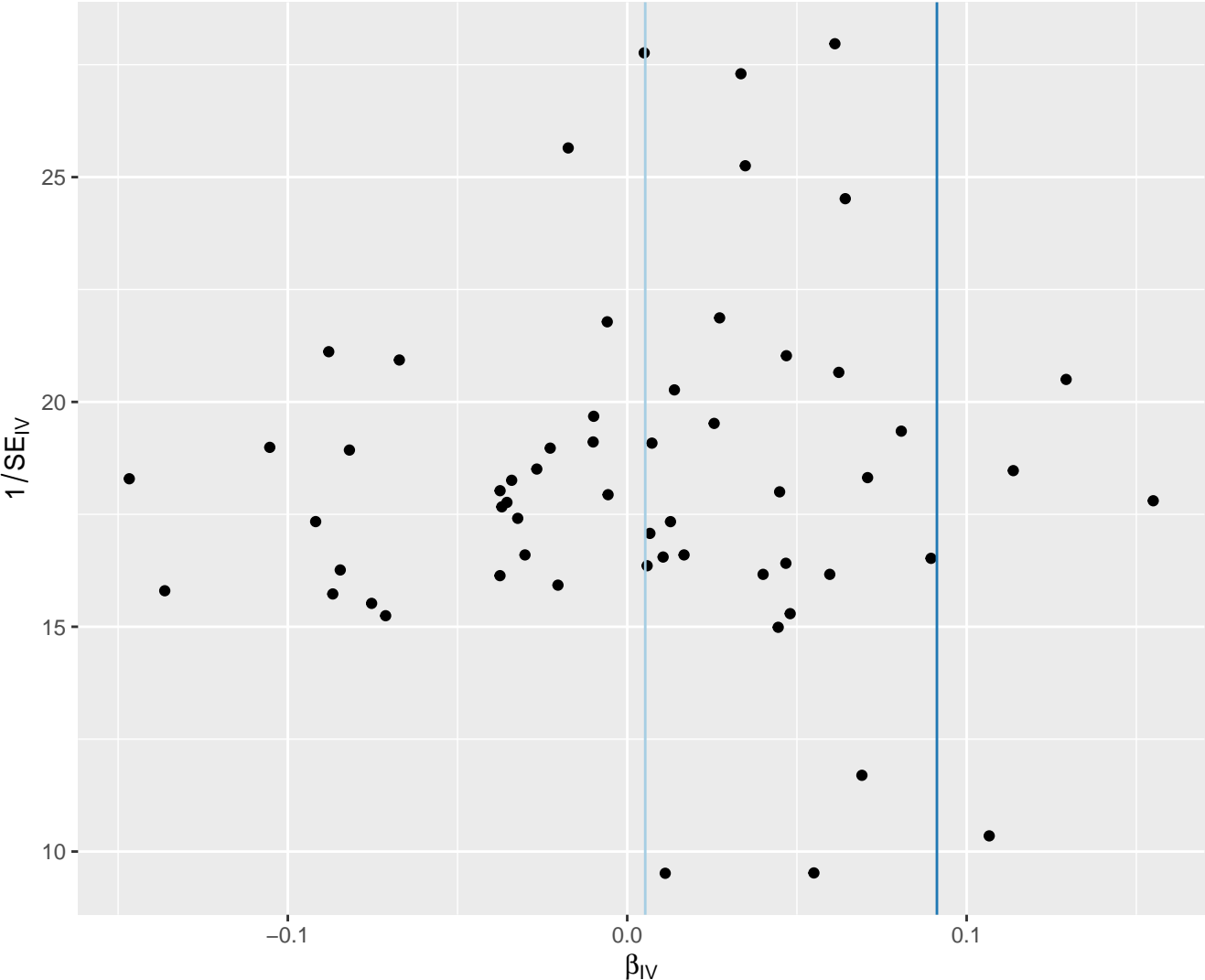
X-12038

MR Method



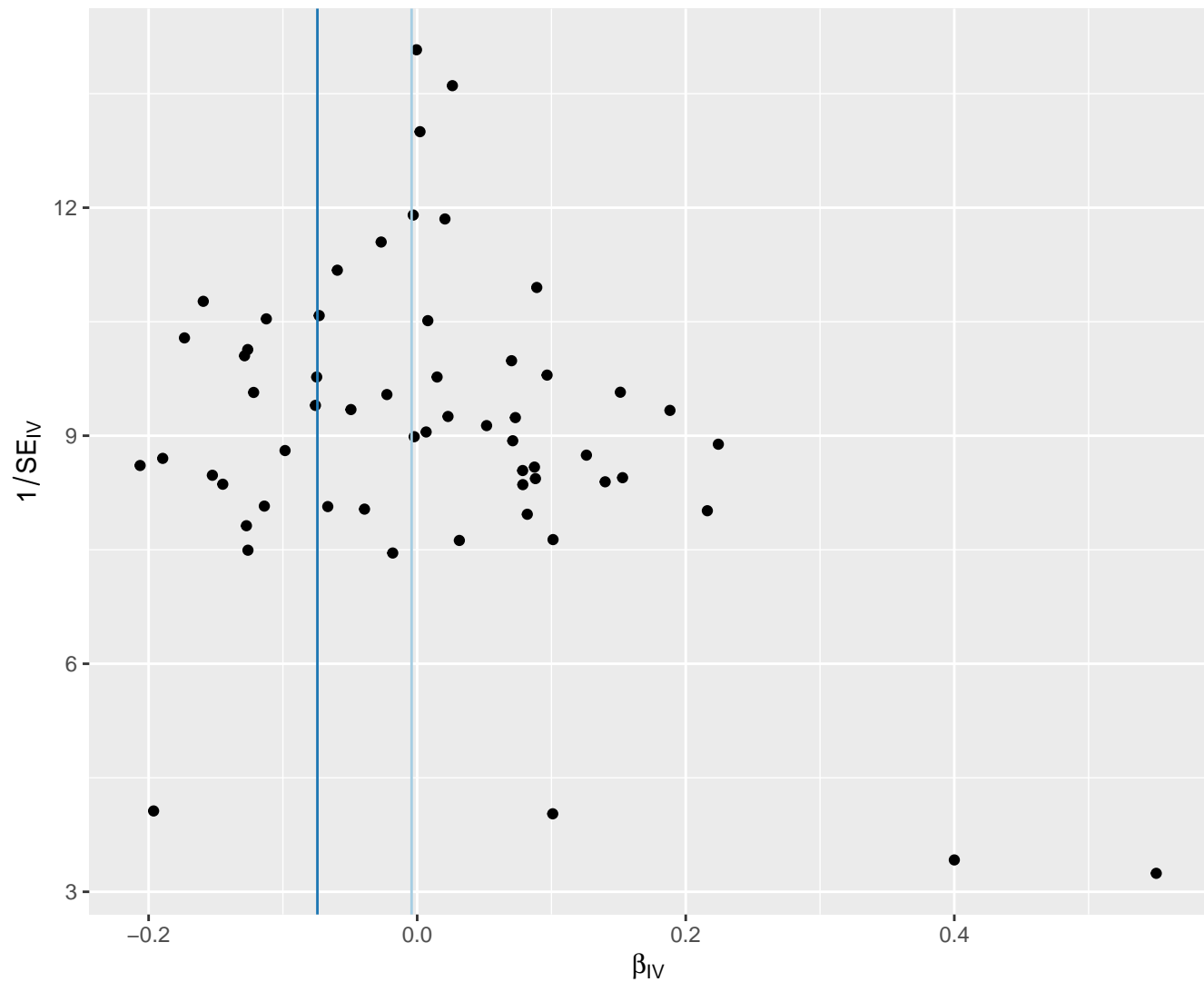
X-12039

MR Method



X-12040

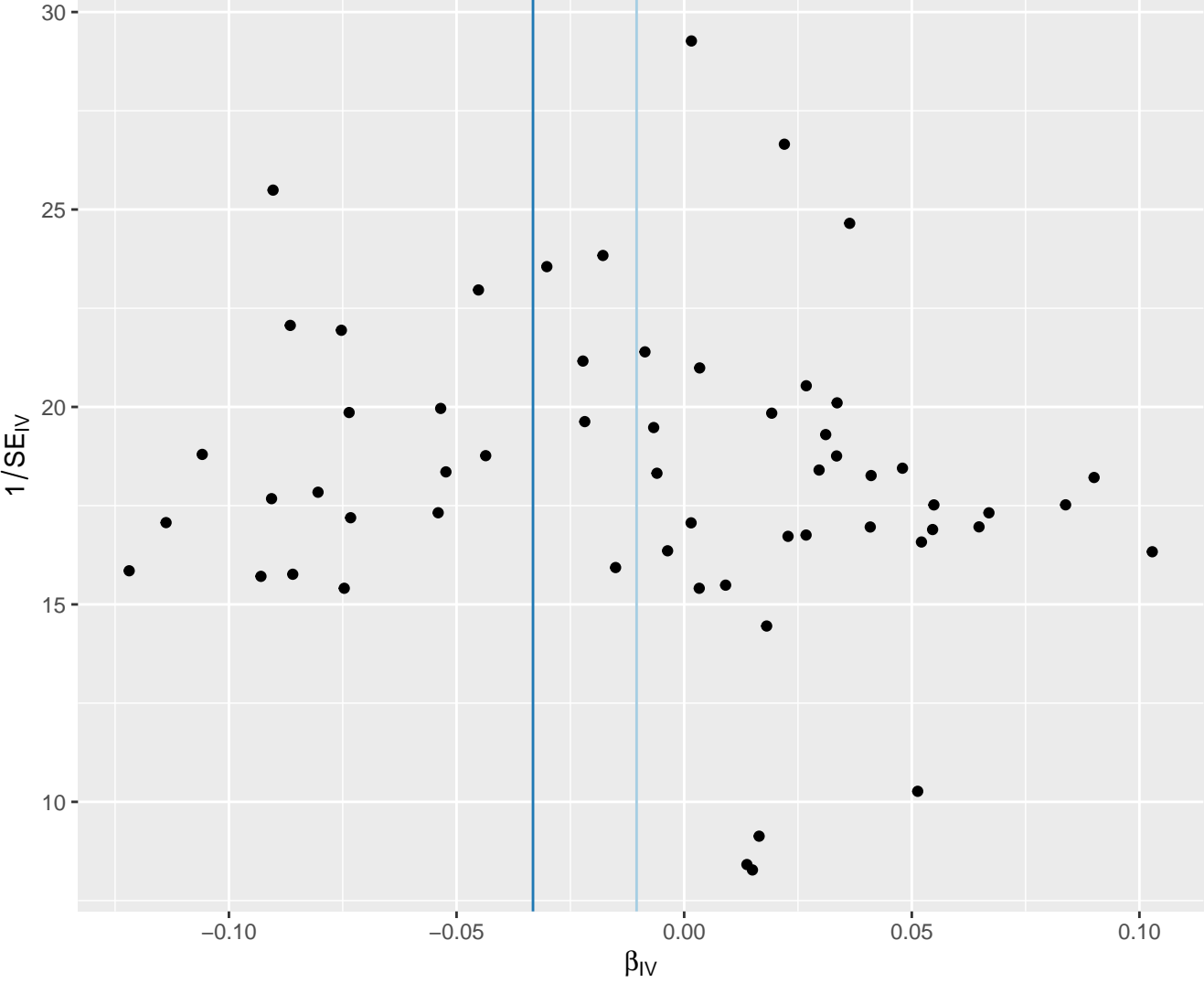
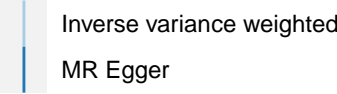
MR Method





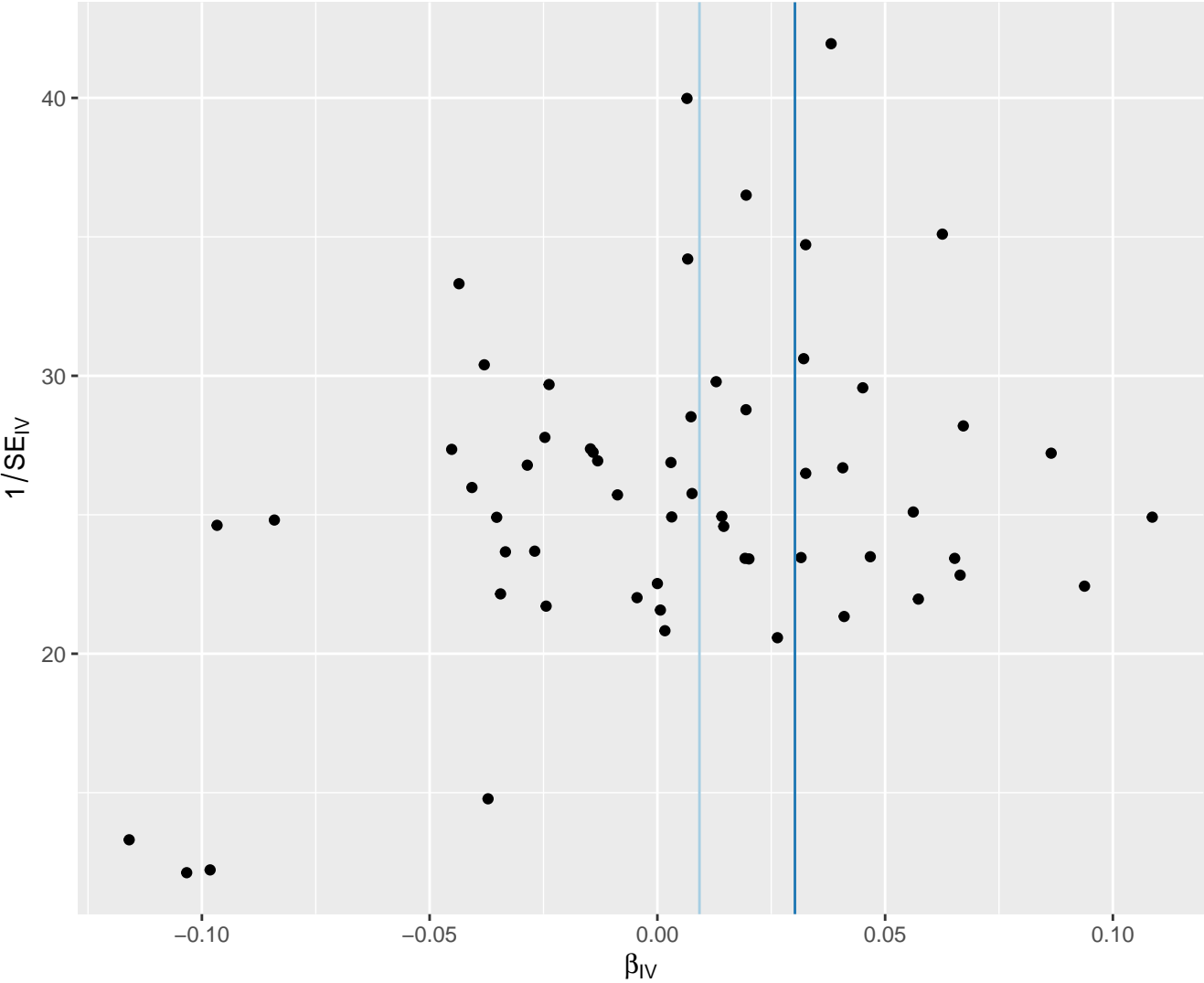
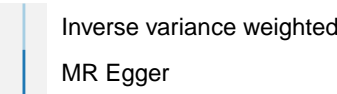
X-12056

MR Method



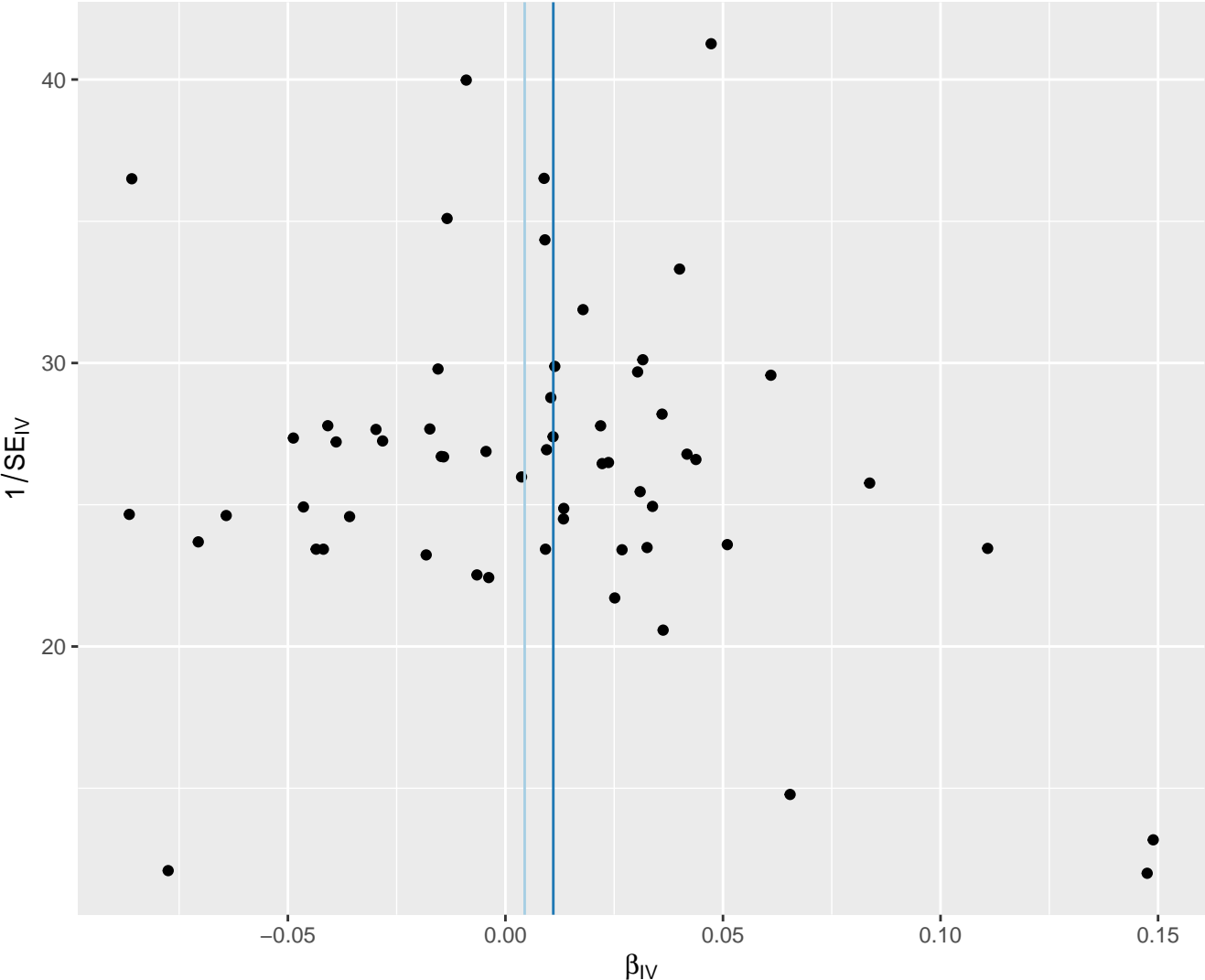
X-12063

MR Method



X-12092

MR Method



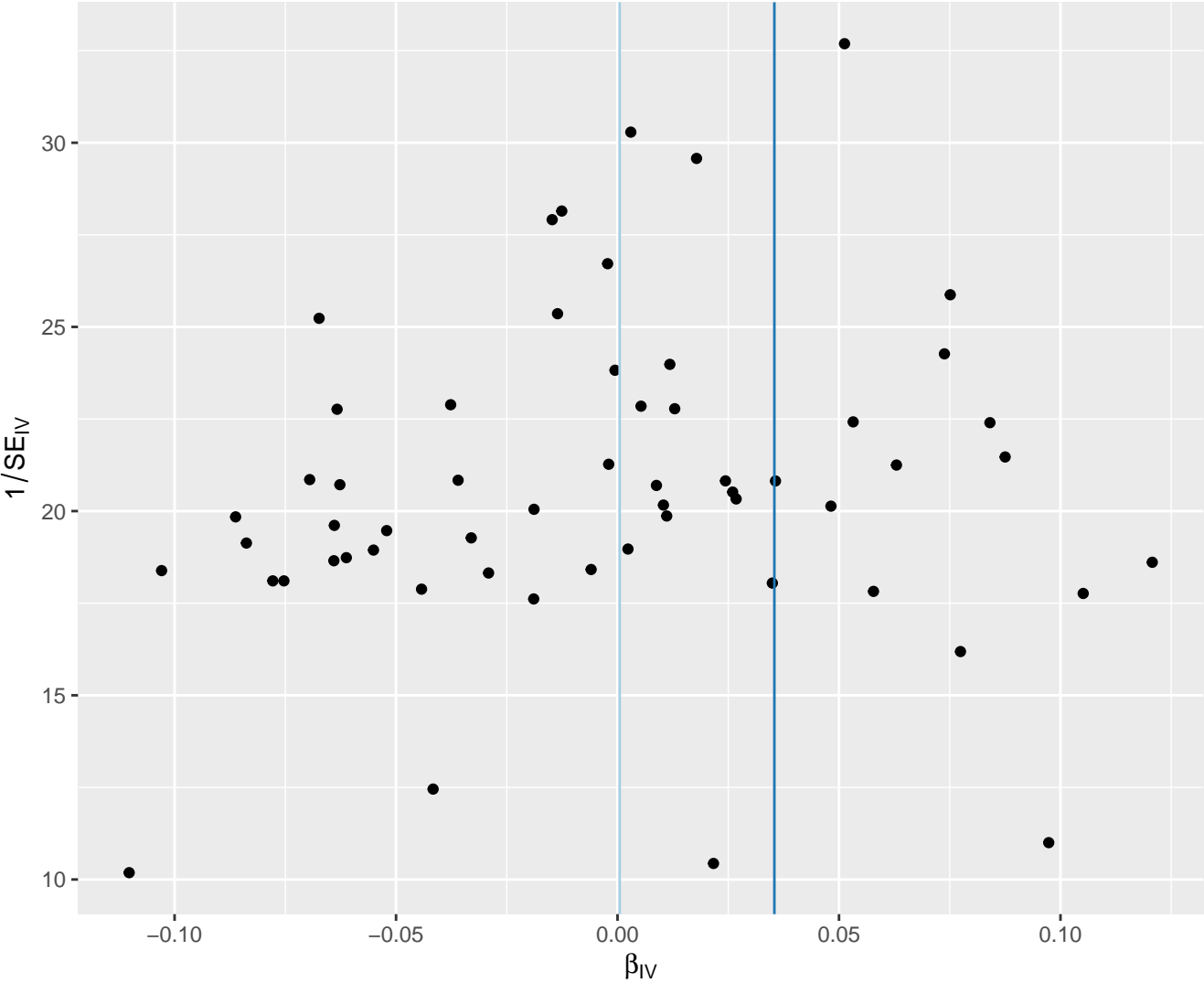
X-12093

MR Method



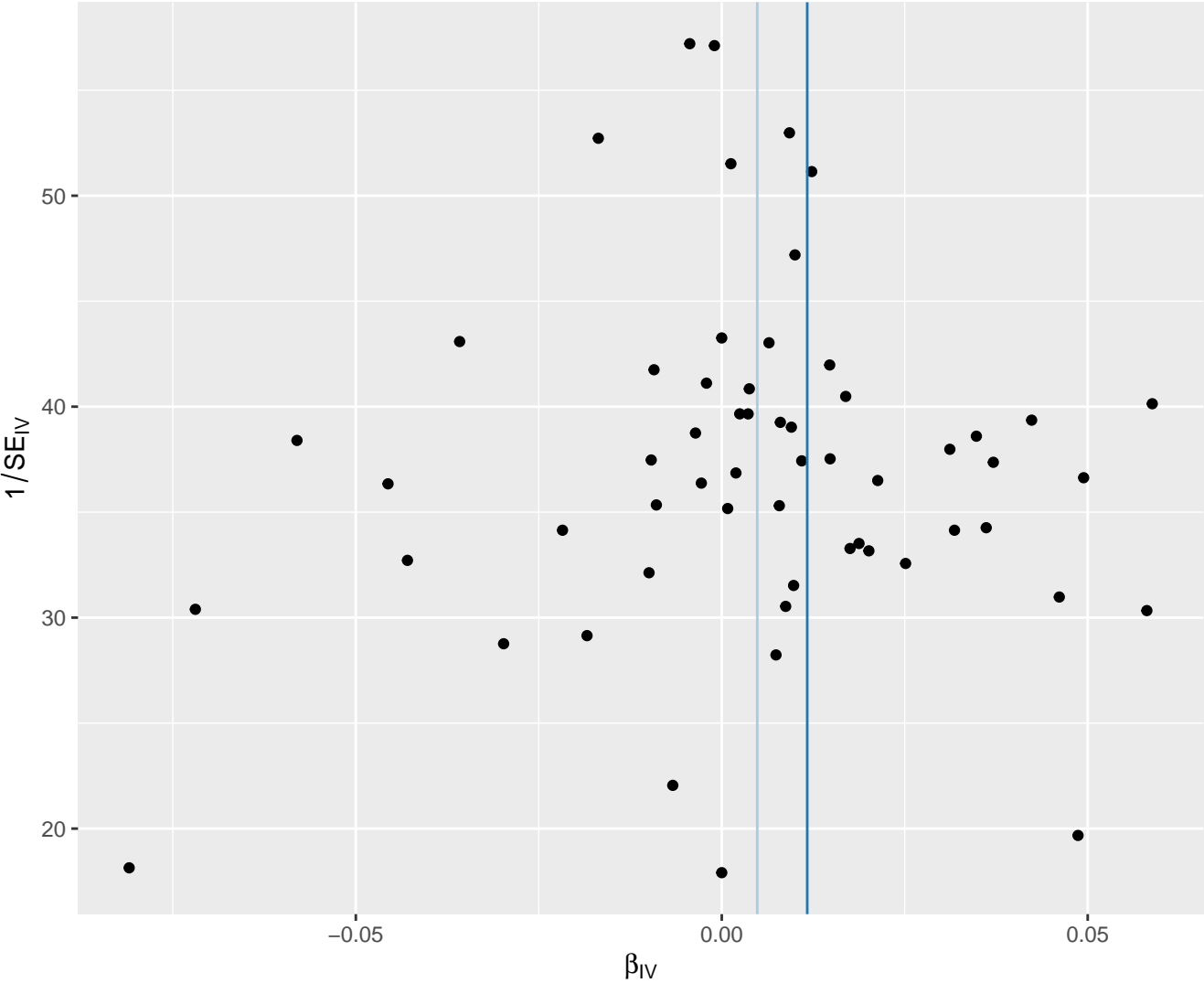
Inverse variance weighted

MR Egger



MR Method

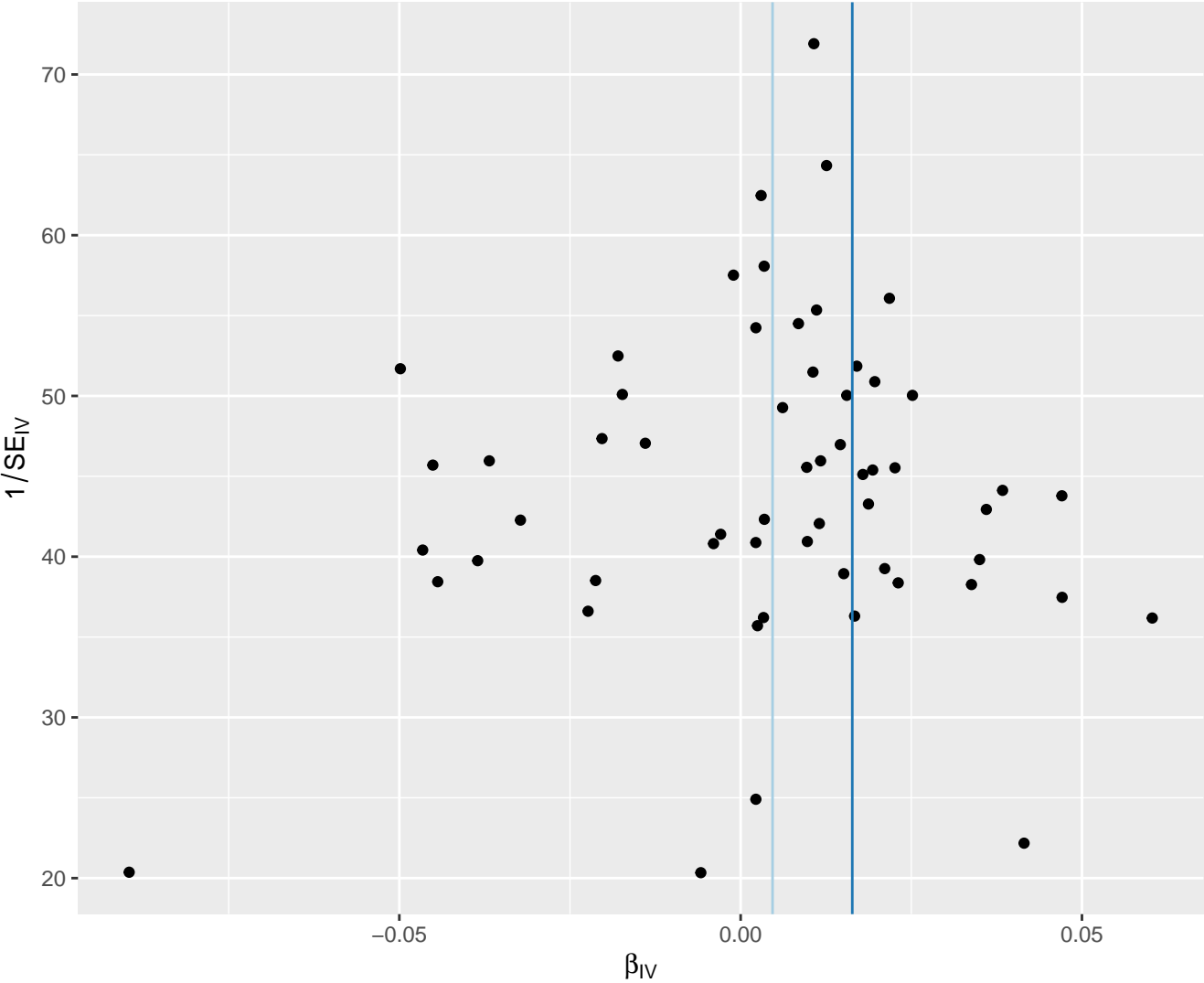
- Inverse variance weighted
- MR Egger



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

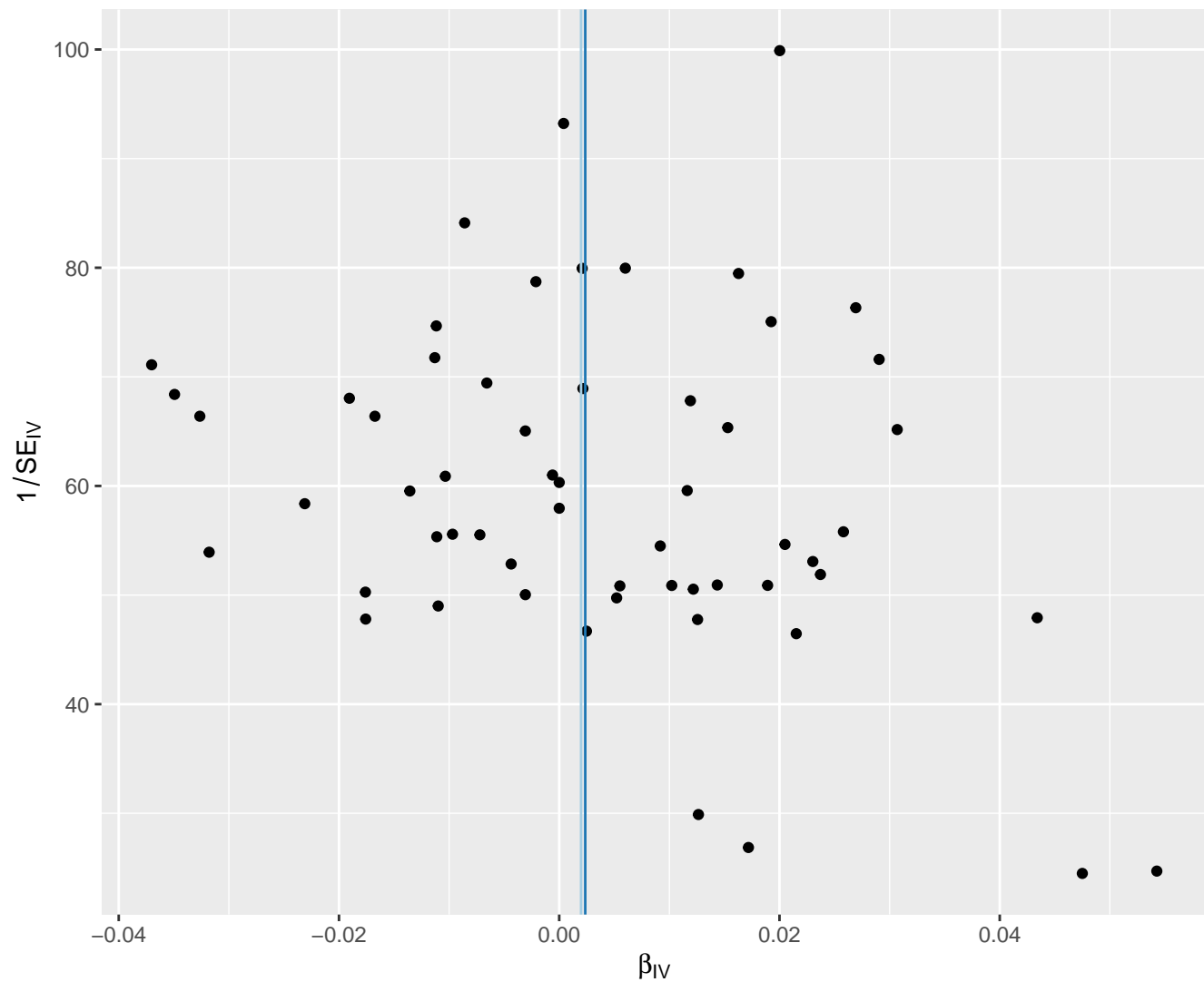
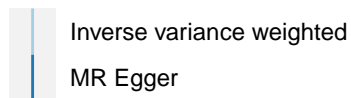
MR Method

- Inverse variance weighted
- MR Egger



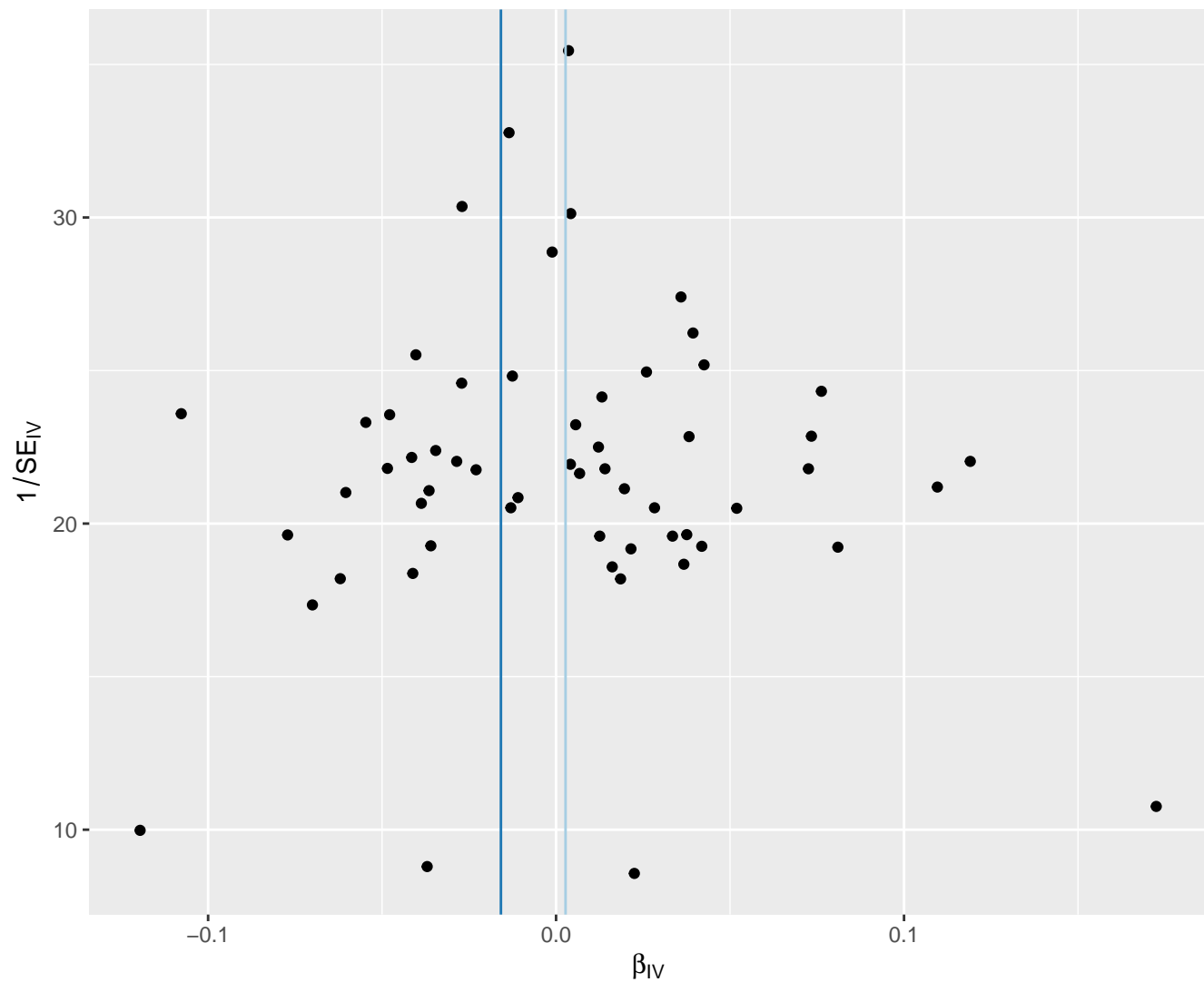
# X-12100--hydroxytryptophan\*

MR Method



X-12116

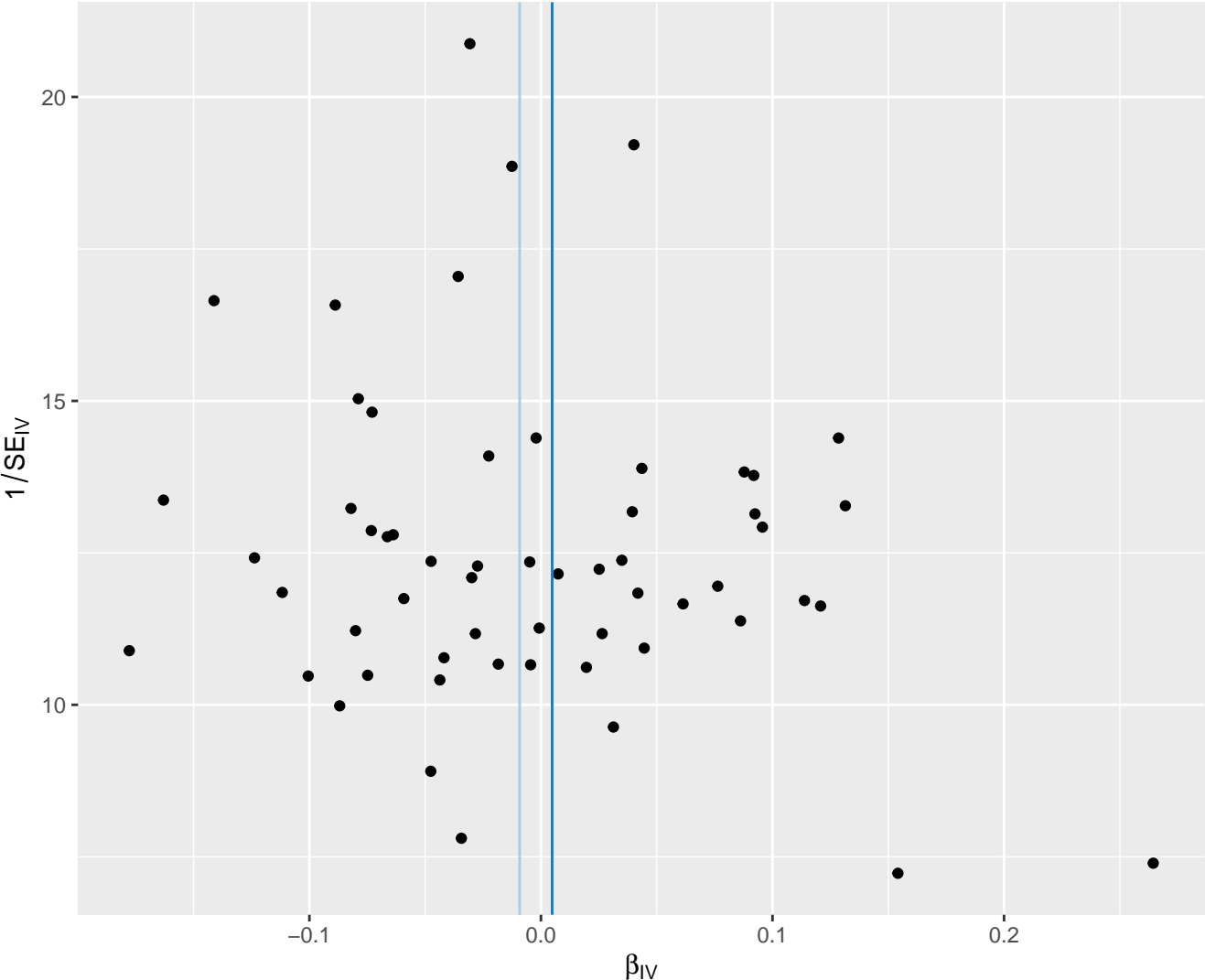
MR Method





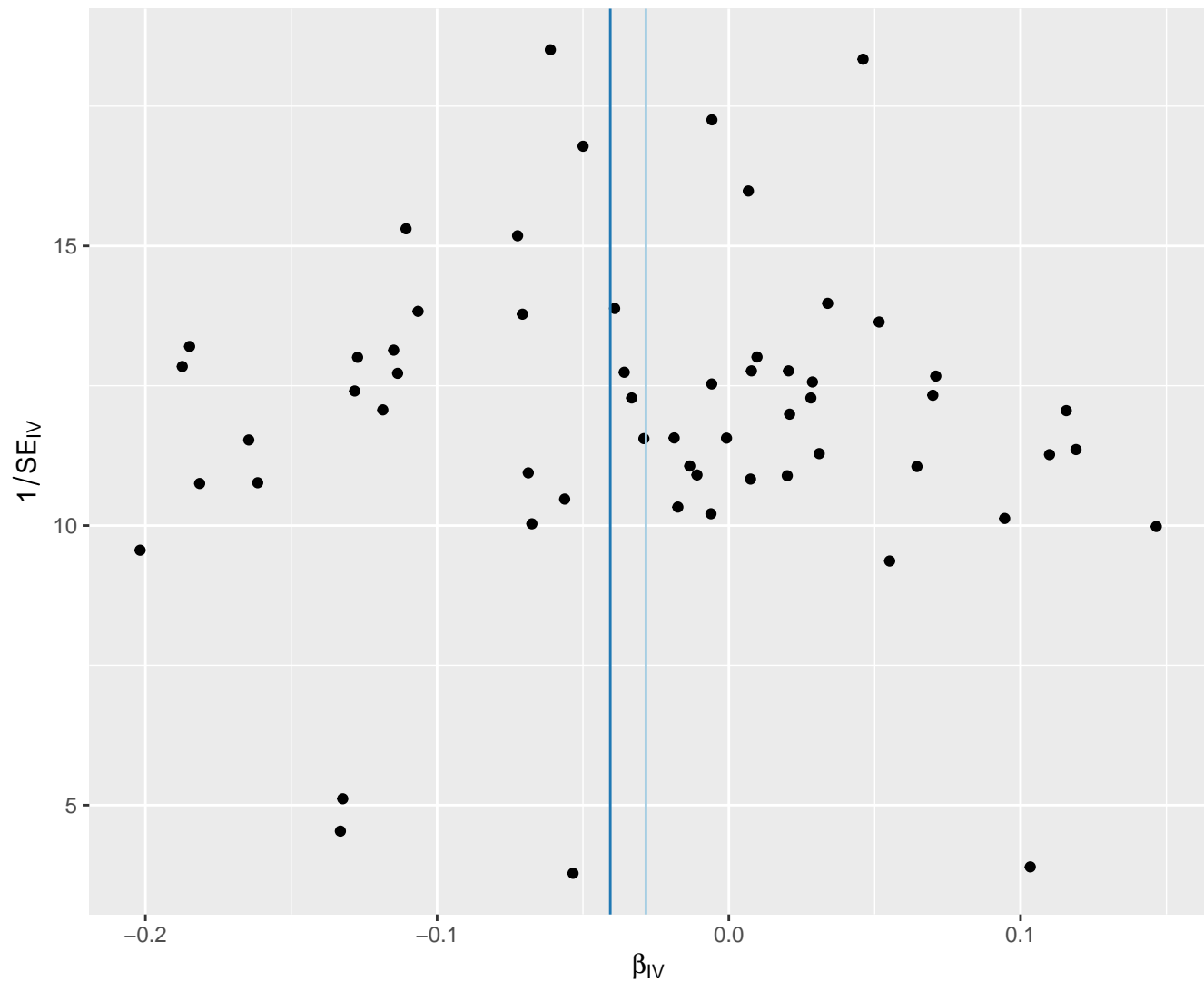
X-12188

MR Method



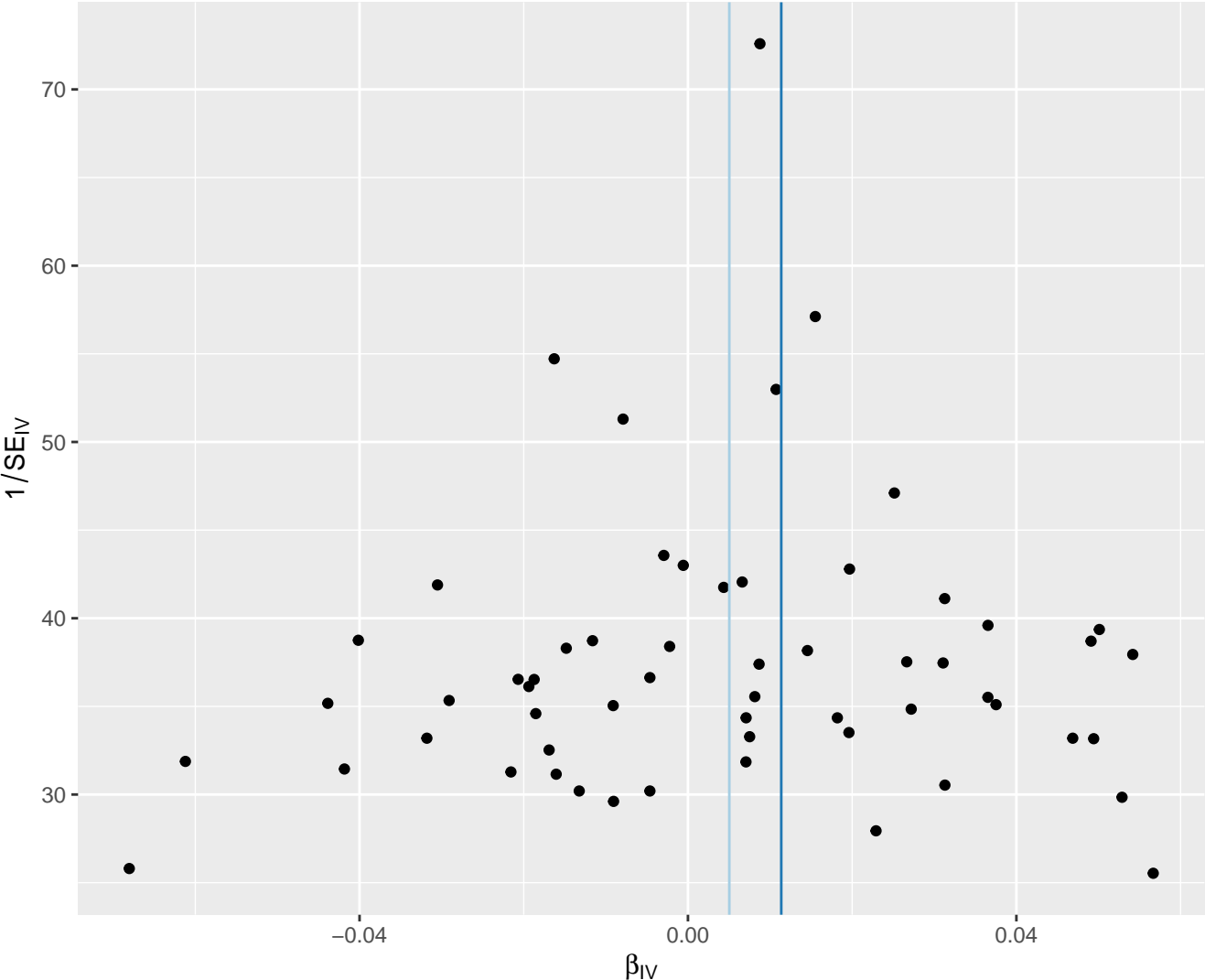
X-12189

MR Method



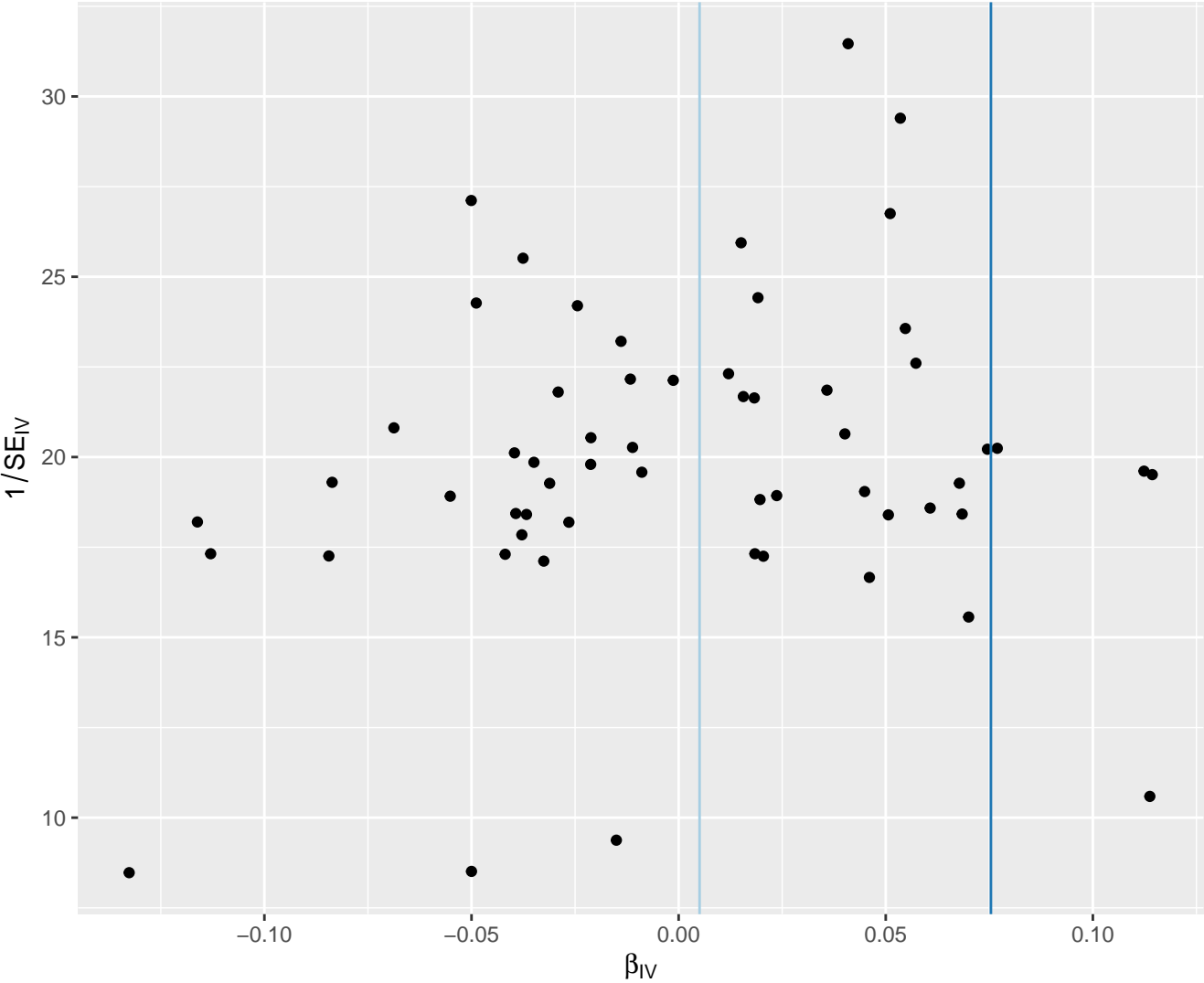
X-12206

MR Method



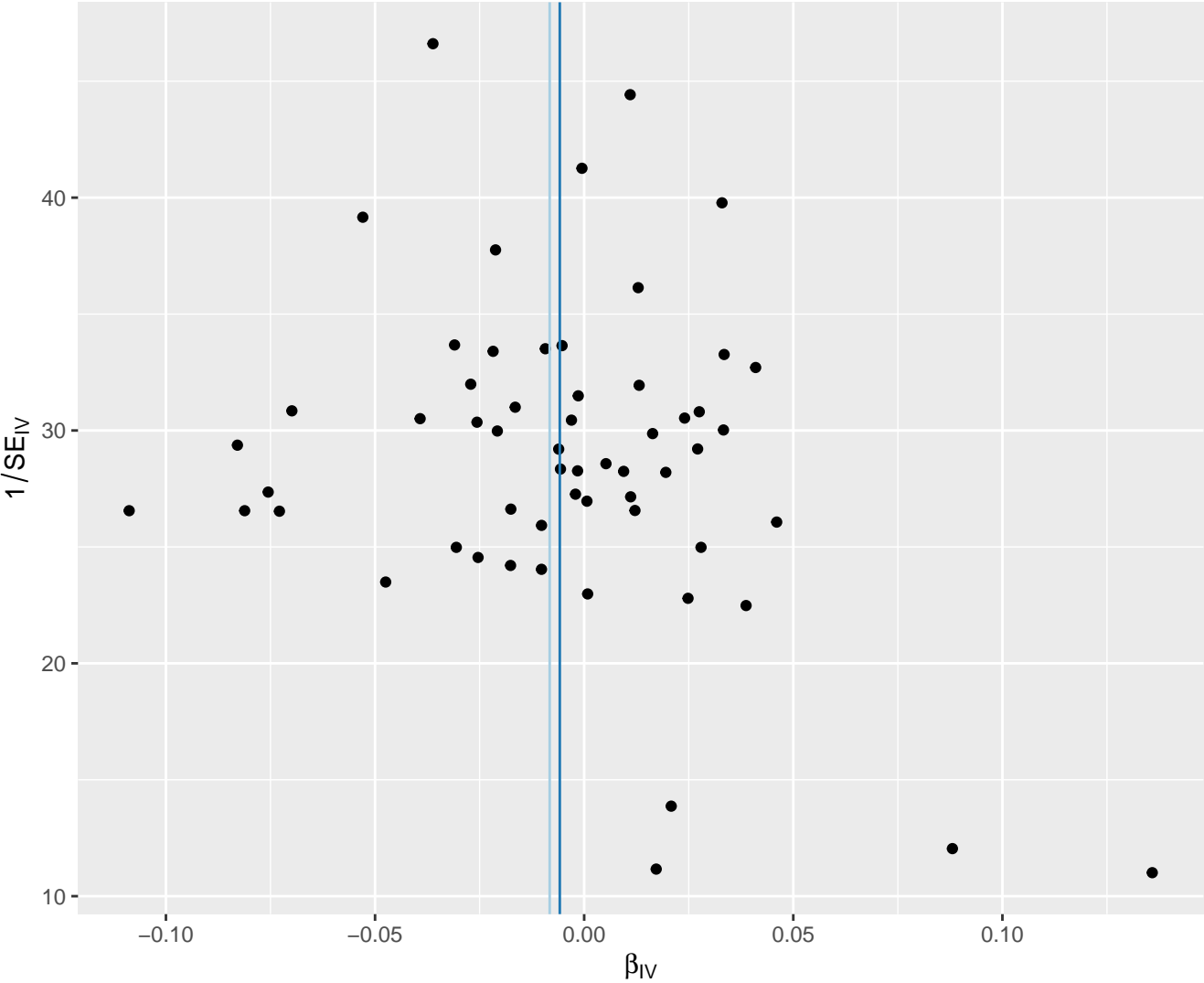
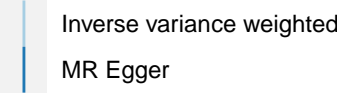
X-12212

MR Method



X-12216

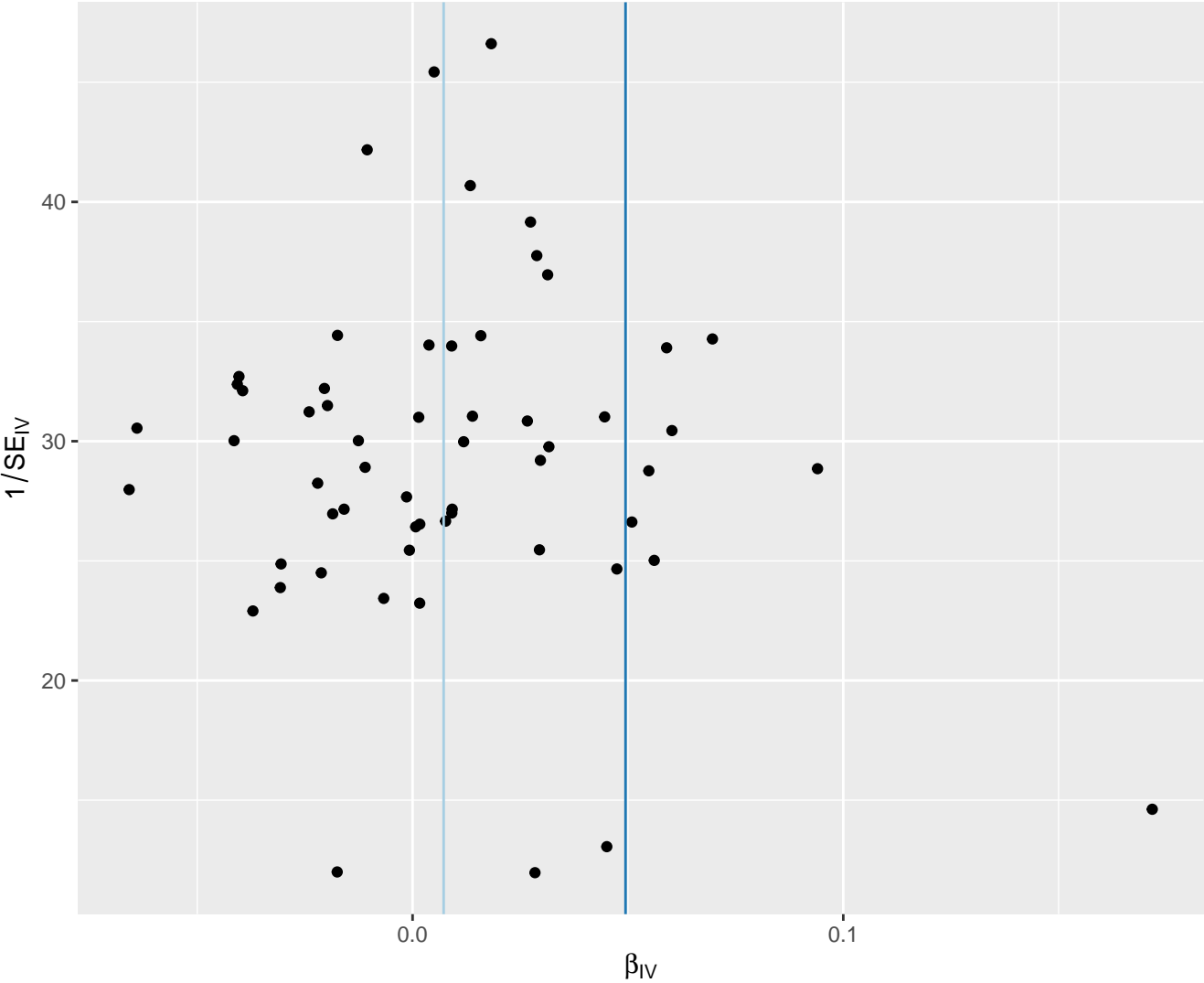
MR Method



X-12217

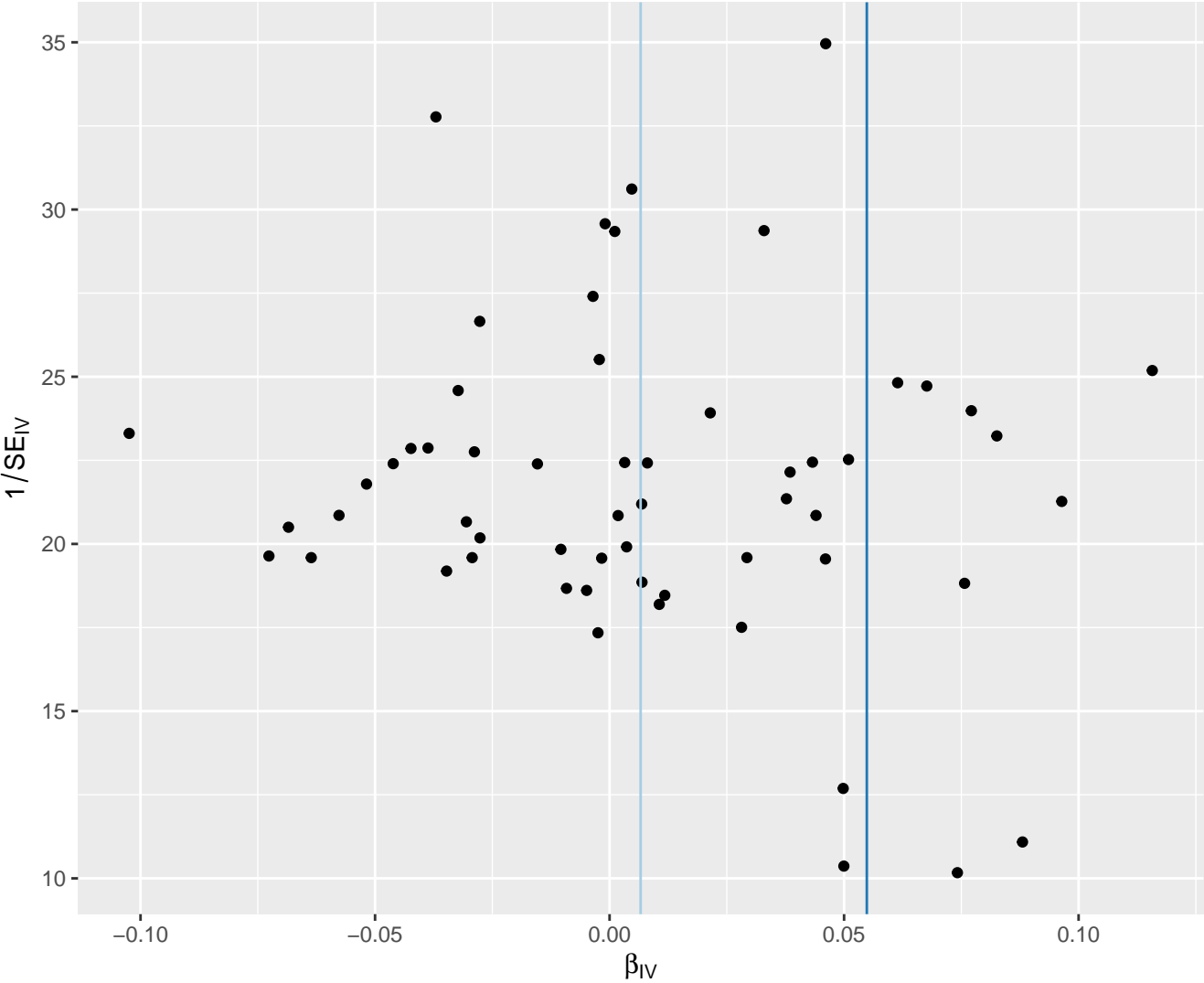
MR Method

- Inverse variance weighted
- MR Egger



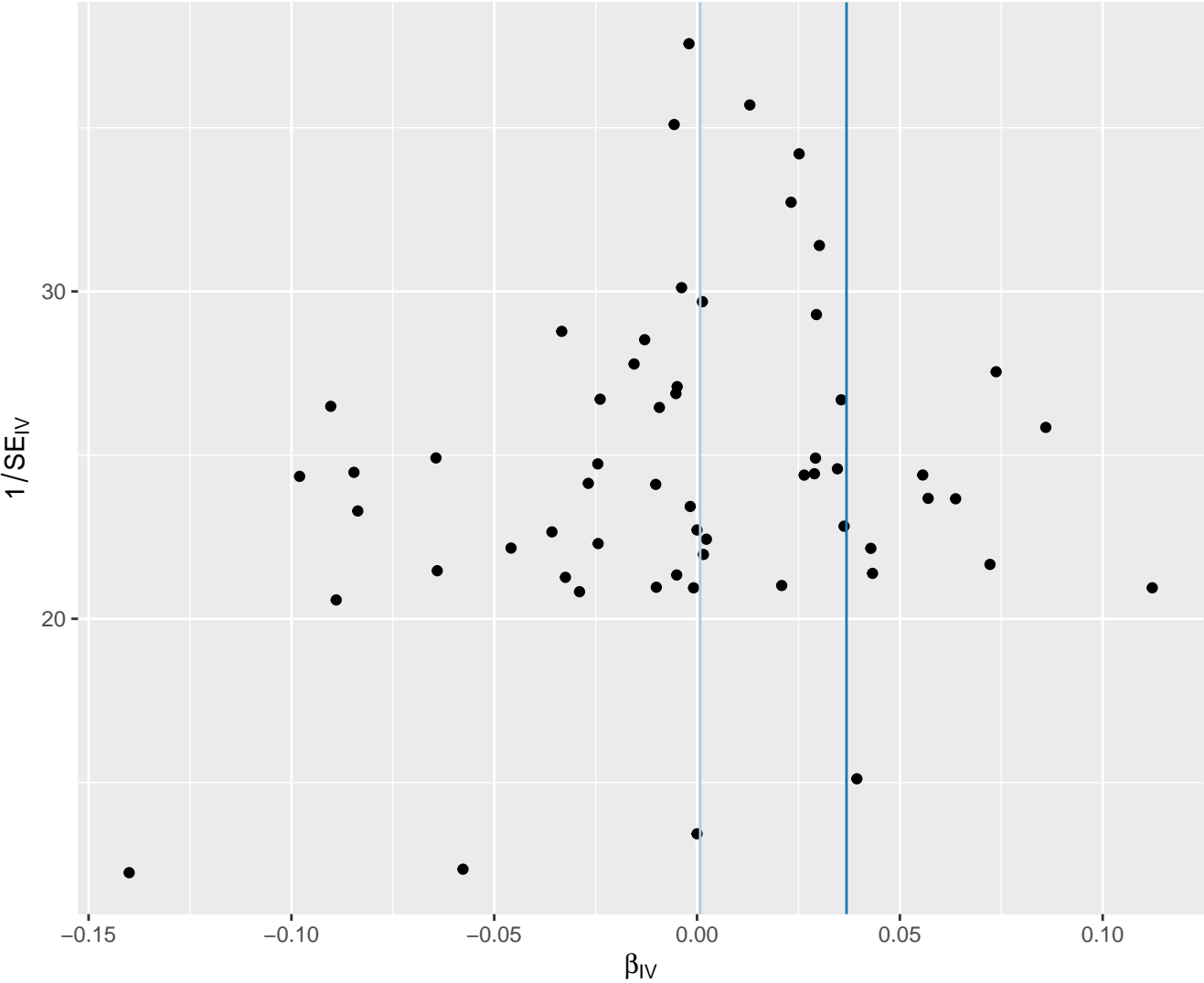
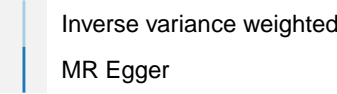
X-12230

MR Method



X-12231

MR Method





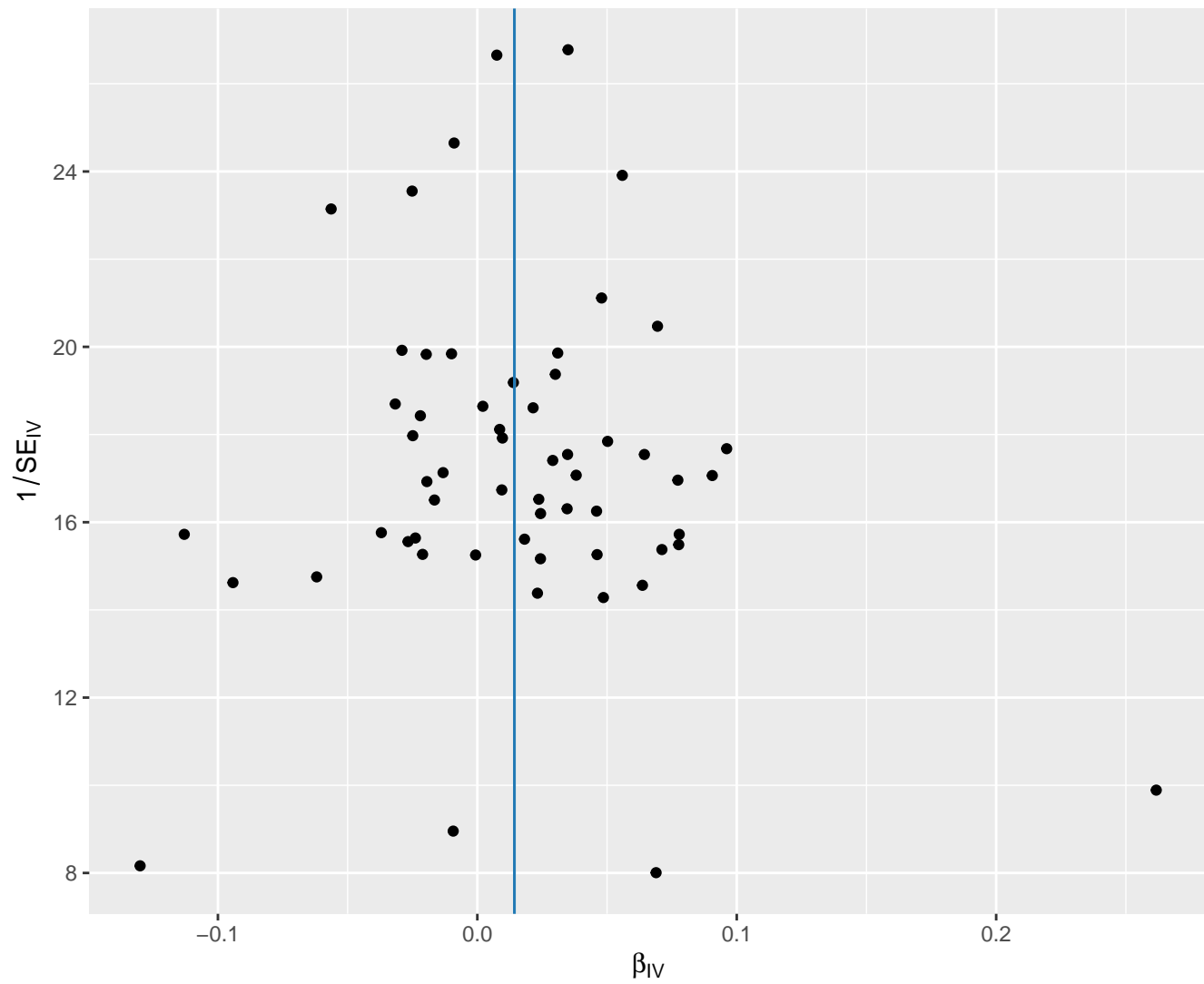
X-12236

MR Method

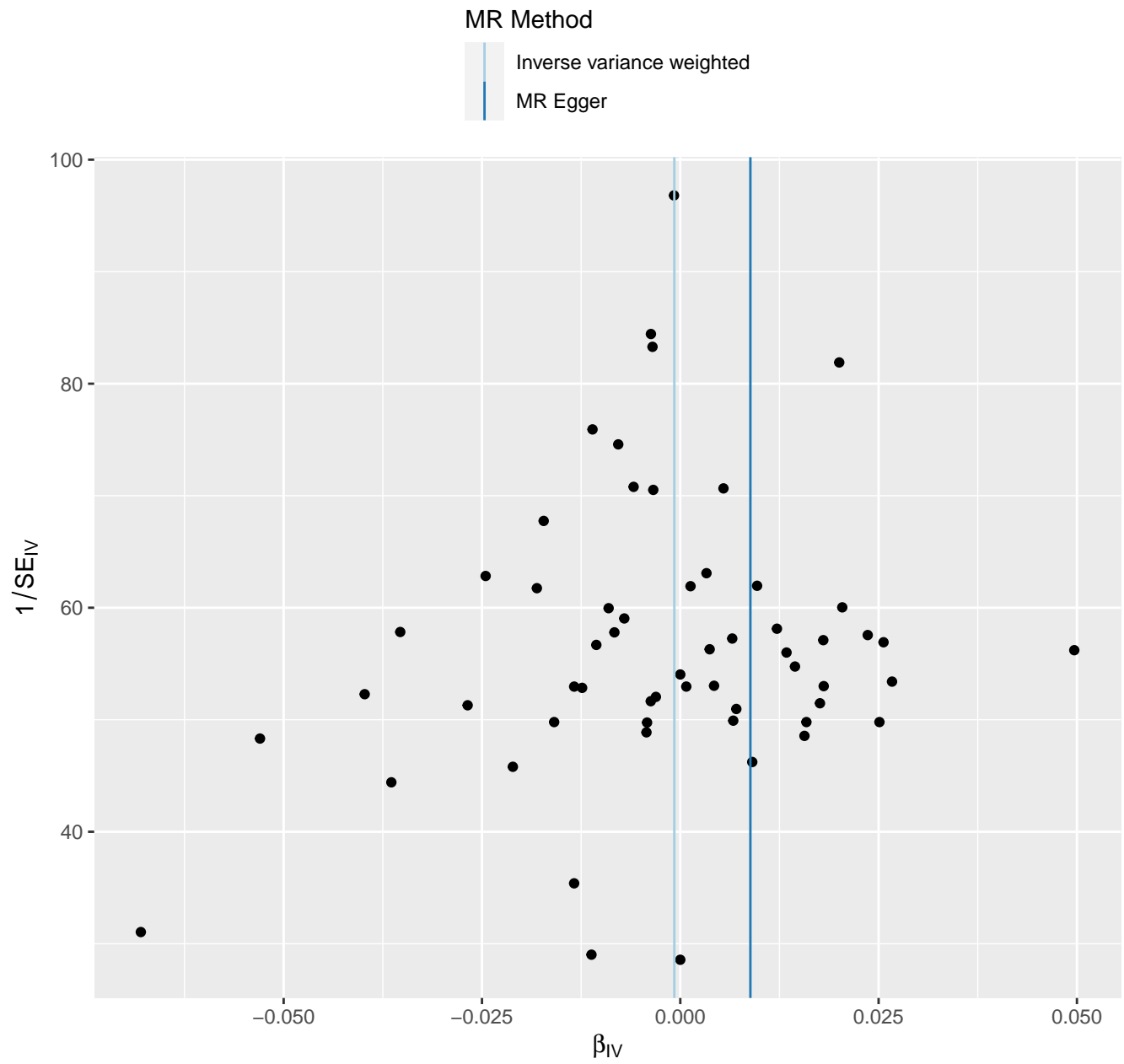


Inverse variance weighted

MR Egger

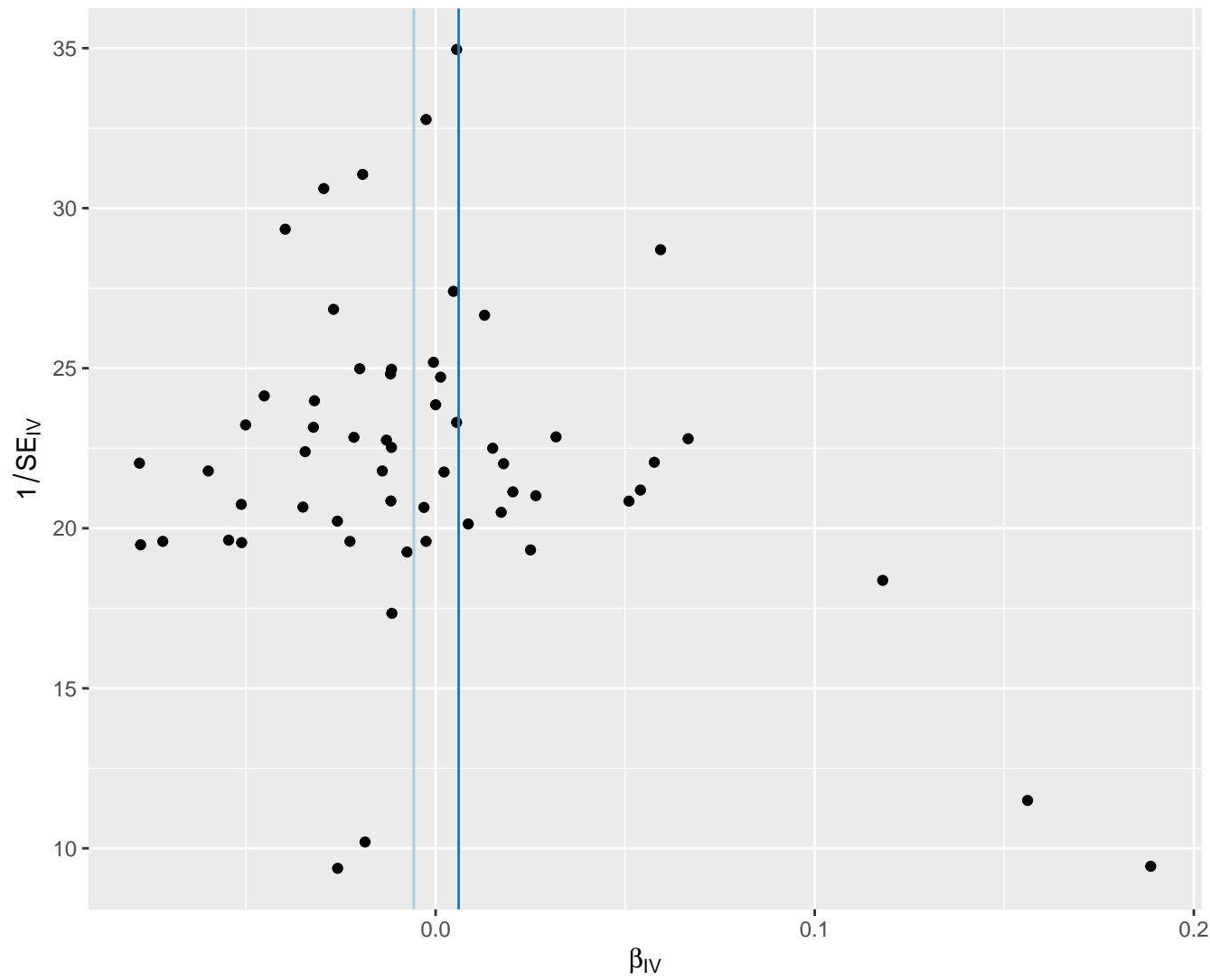


# X-12244--N-acetylcarnosine



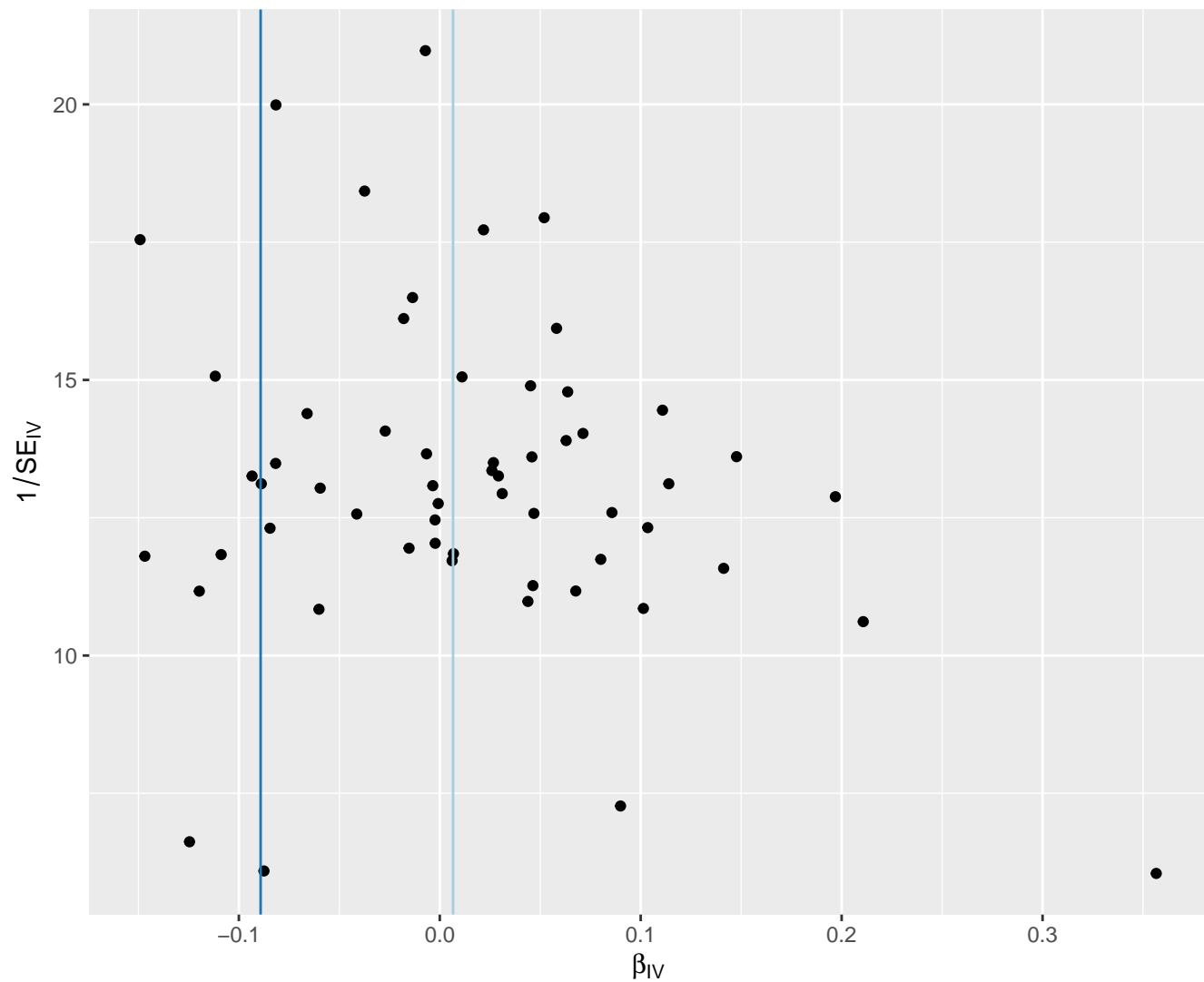
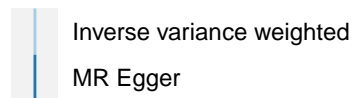
X-12253

MR Method



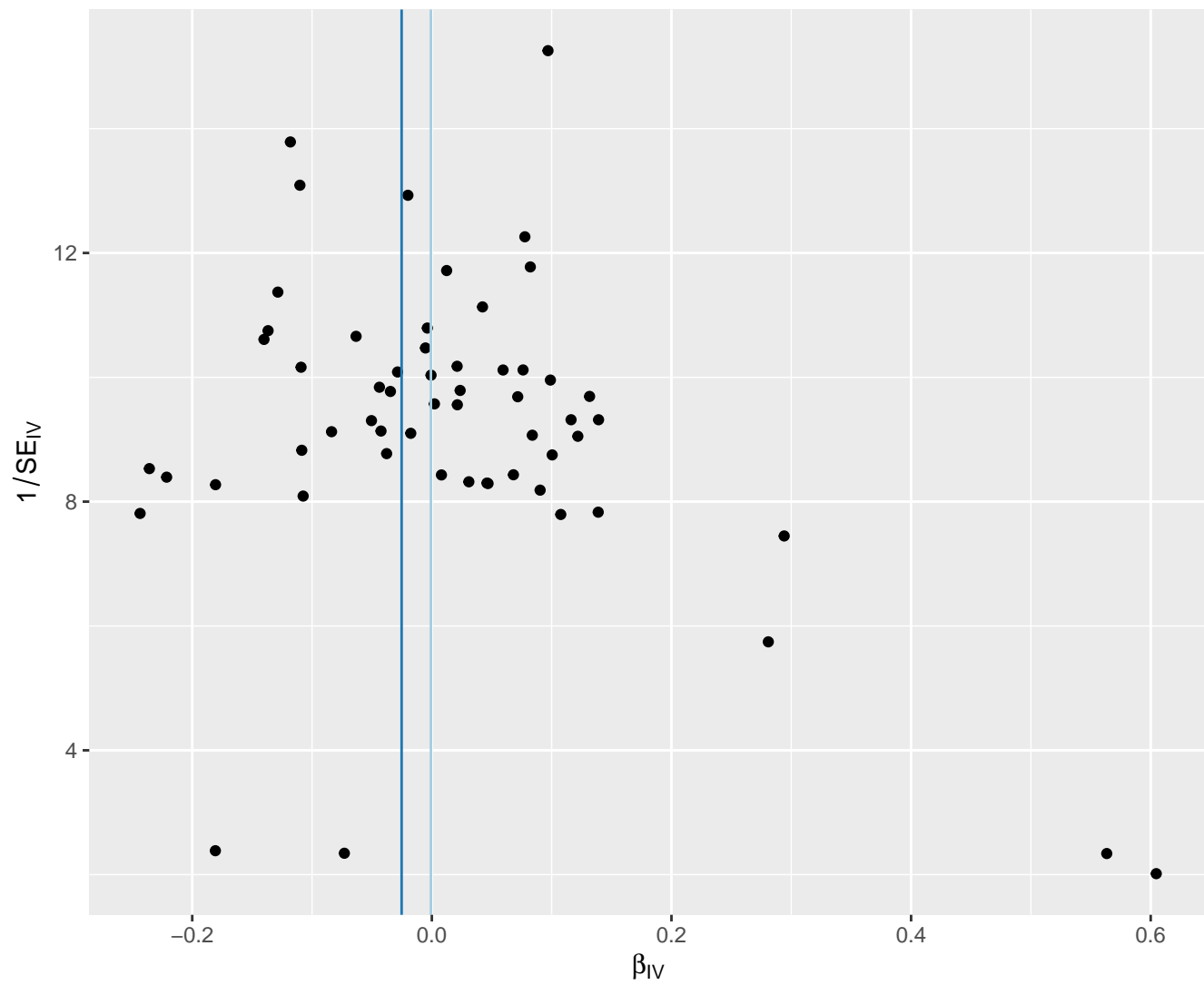
X-12261

MR Method



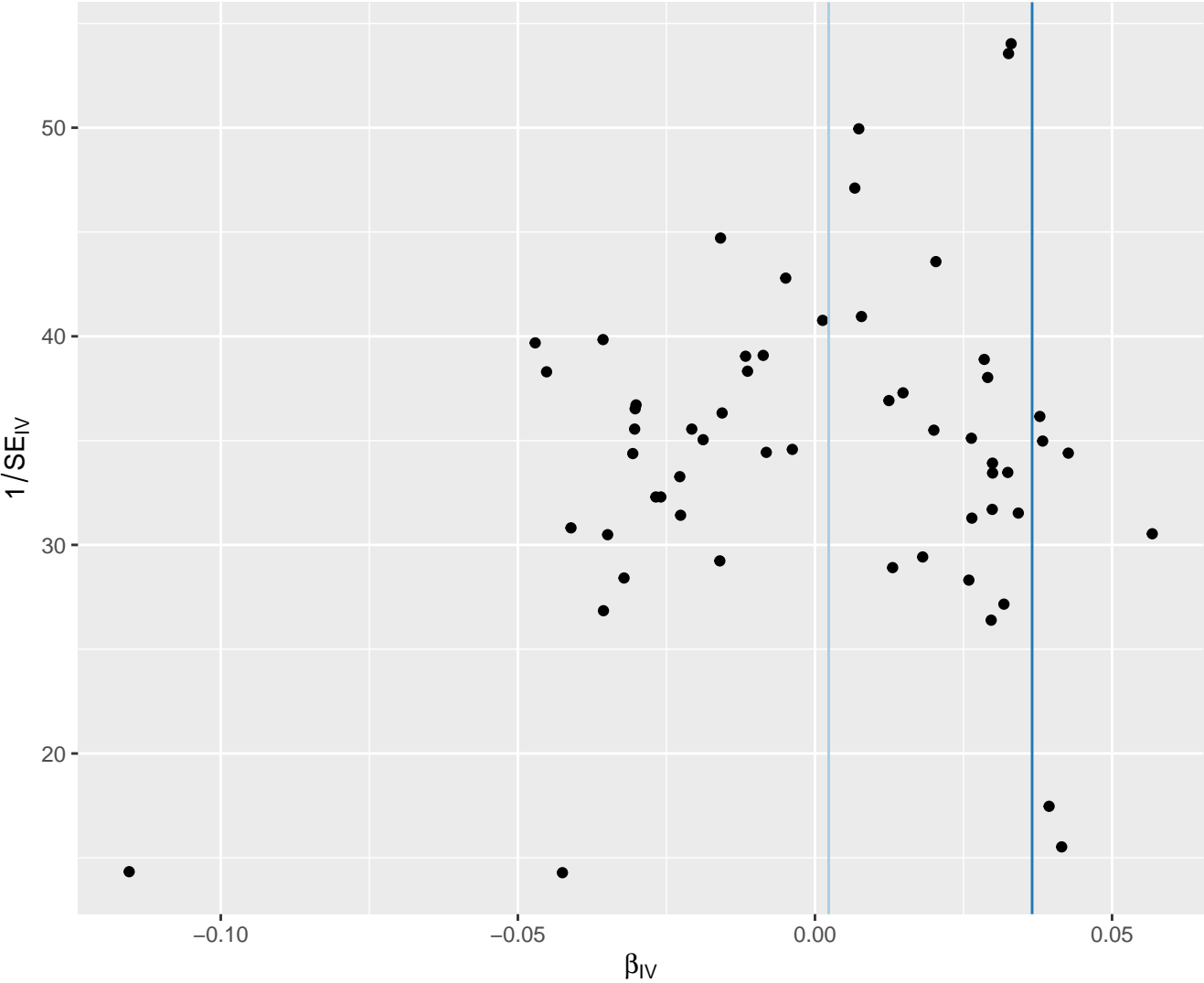
X-12329

MR Method



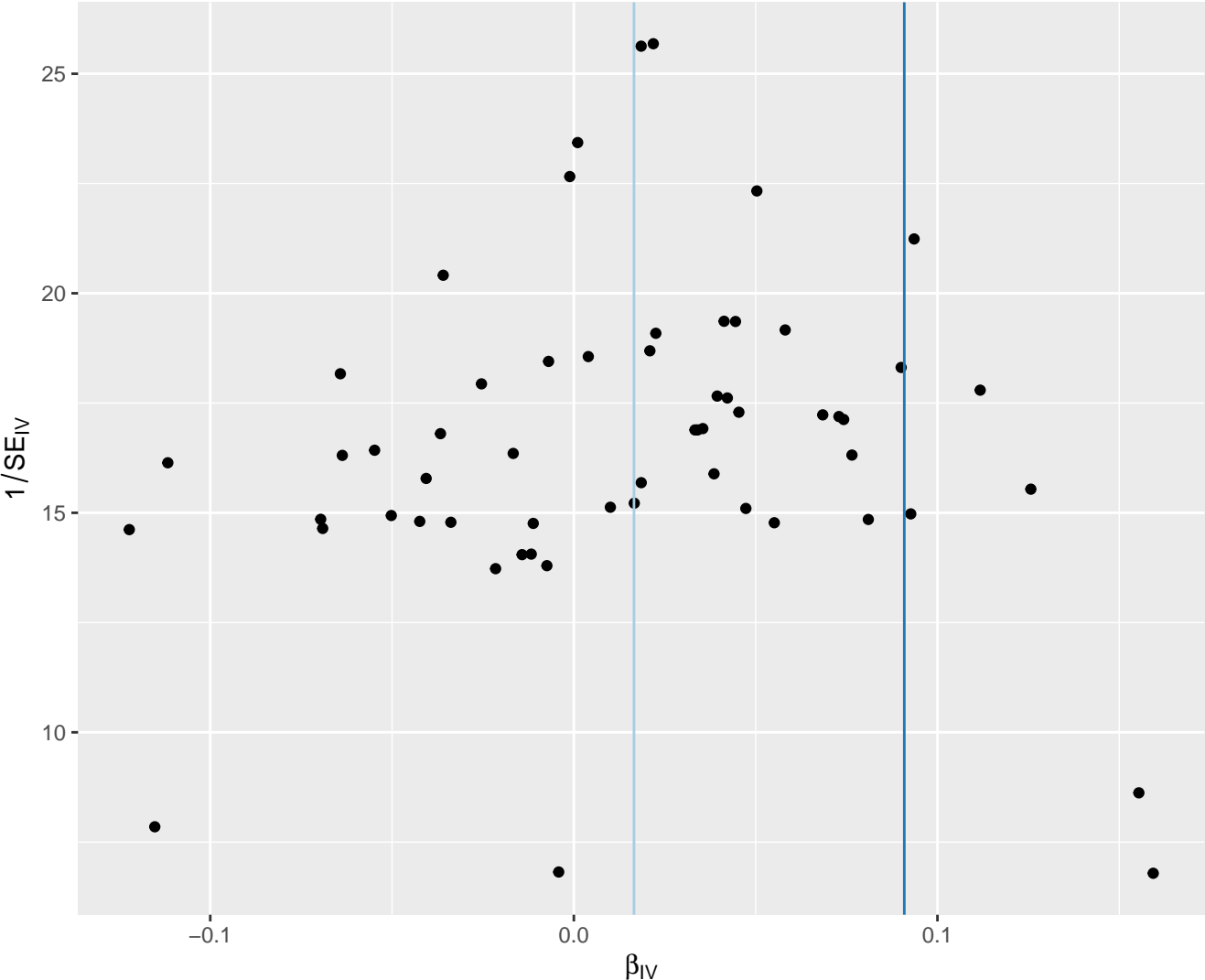
X-12405

MR Method

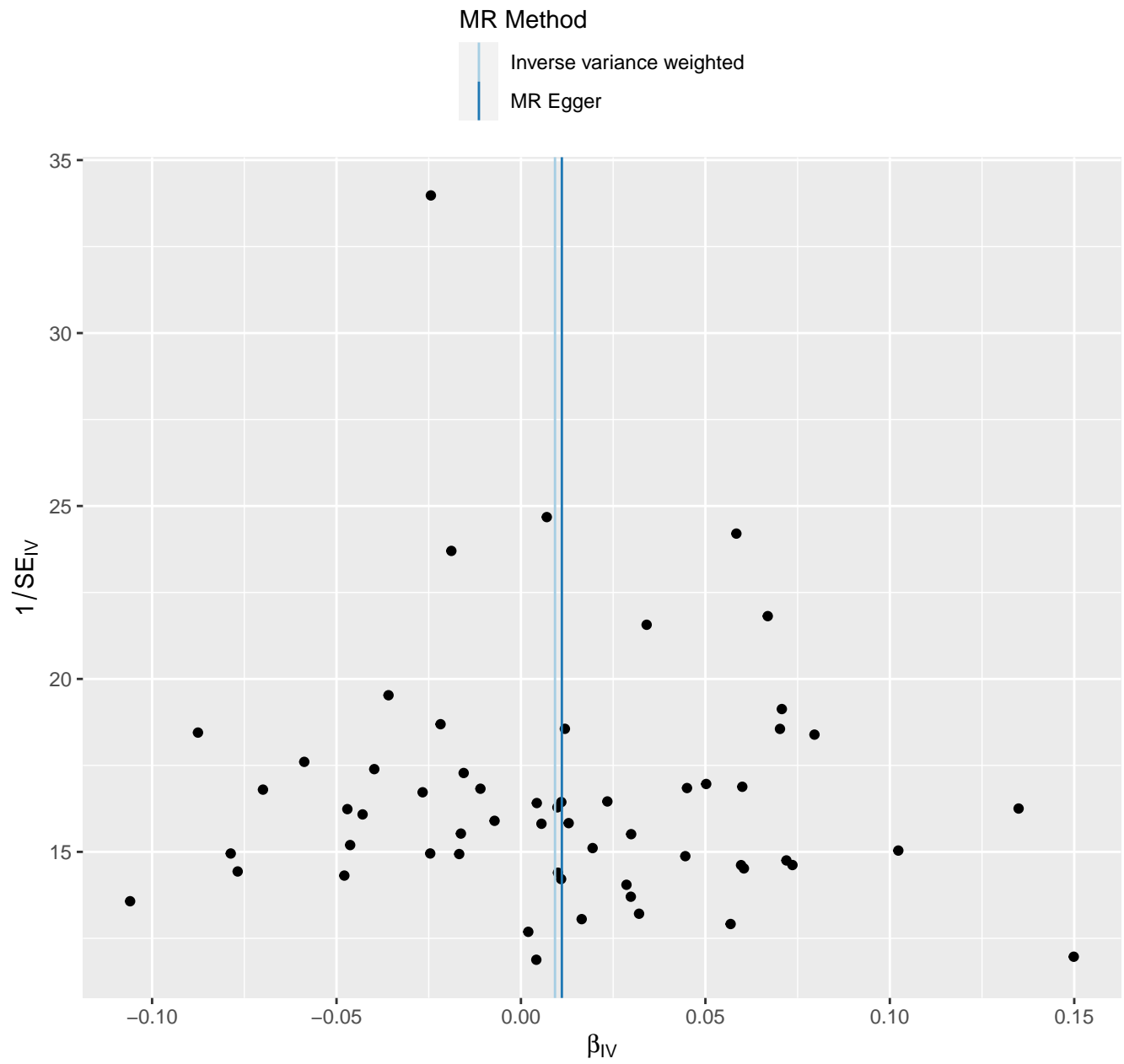


X-12407

MR Method



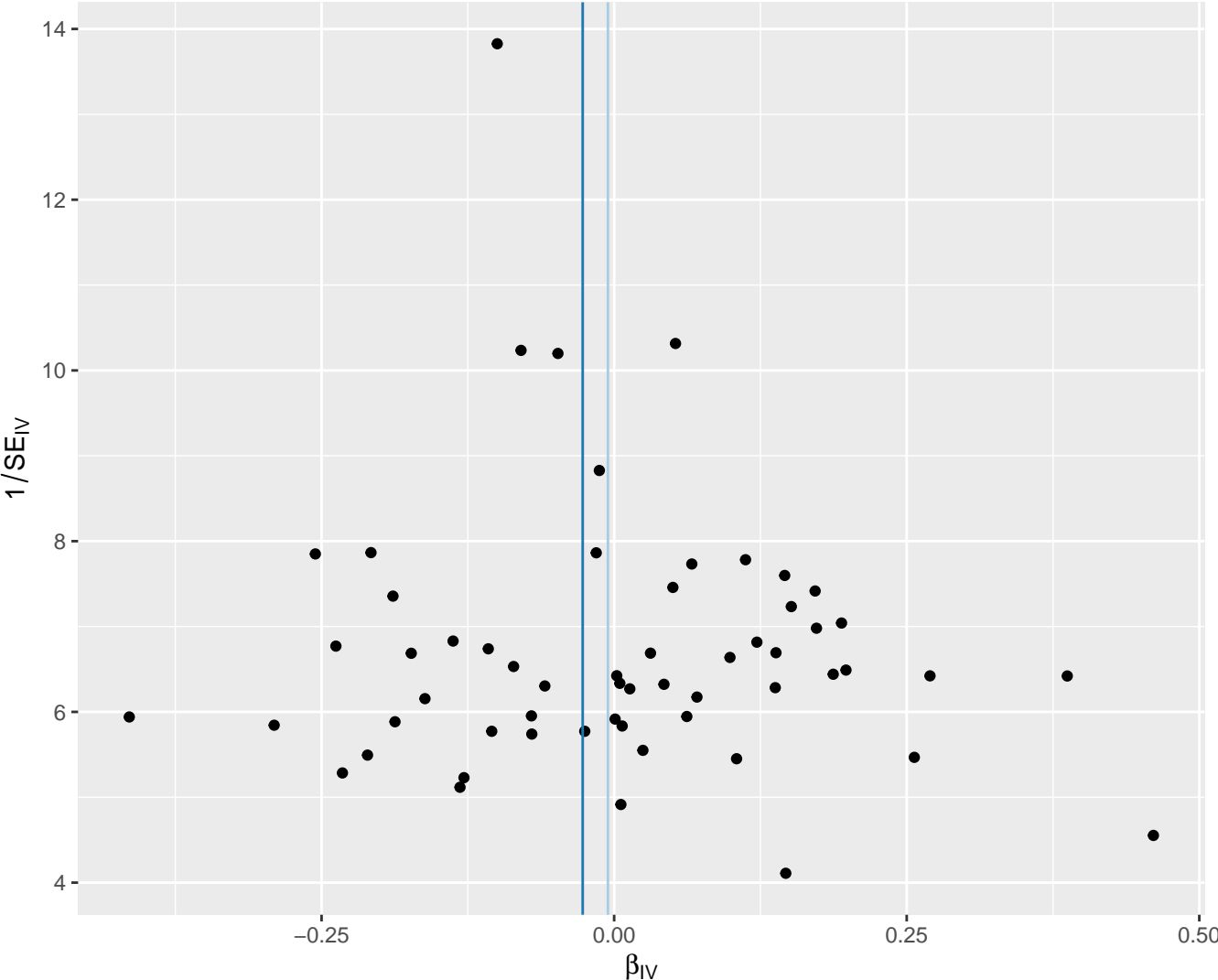
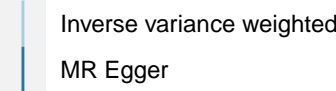
X-12428



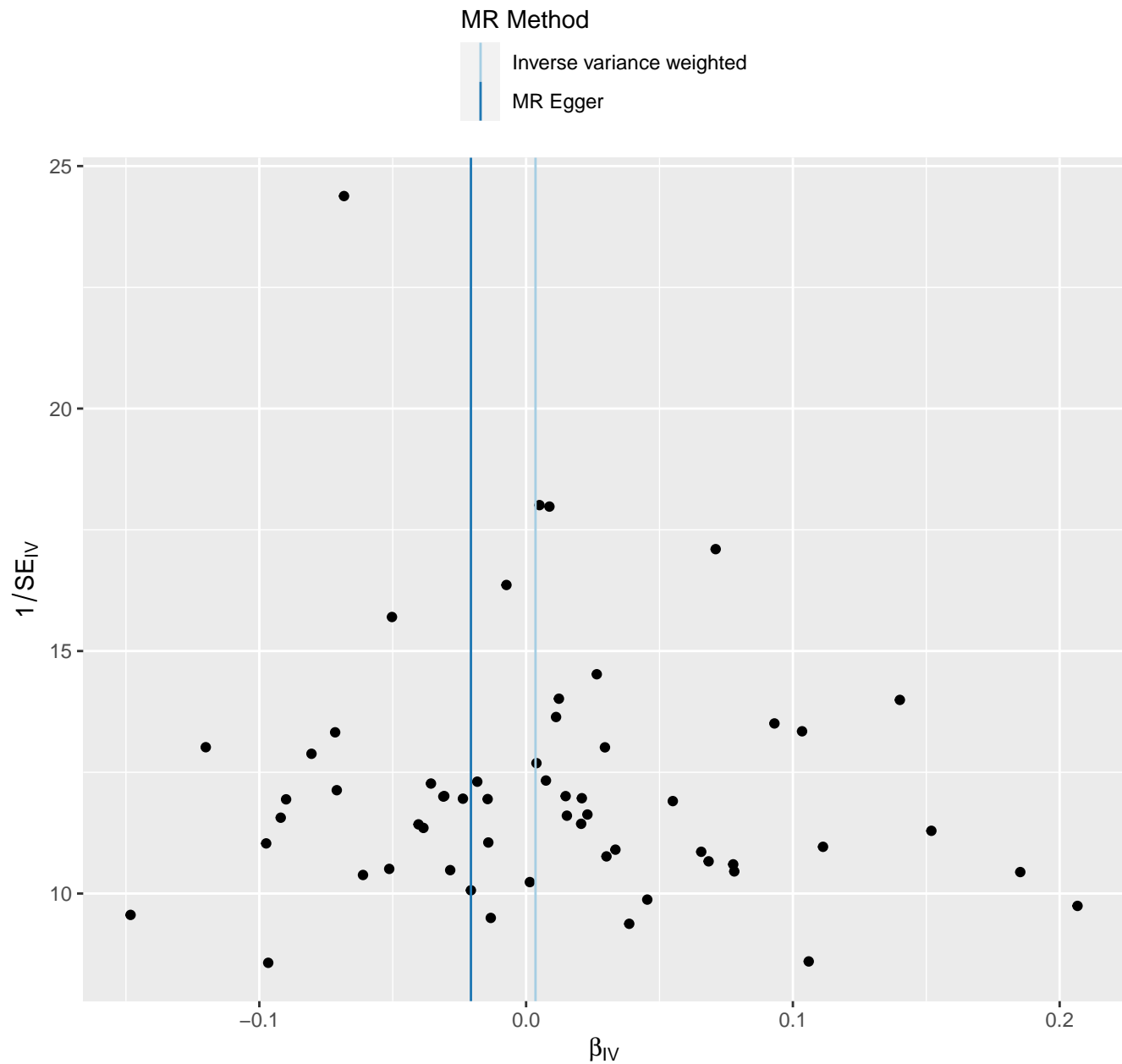


X-12435

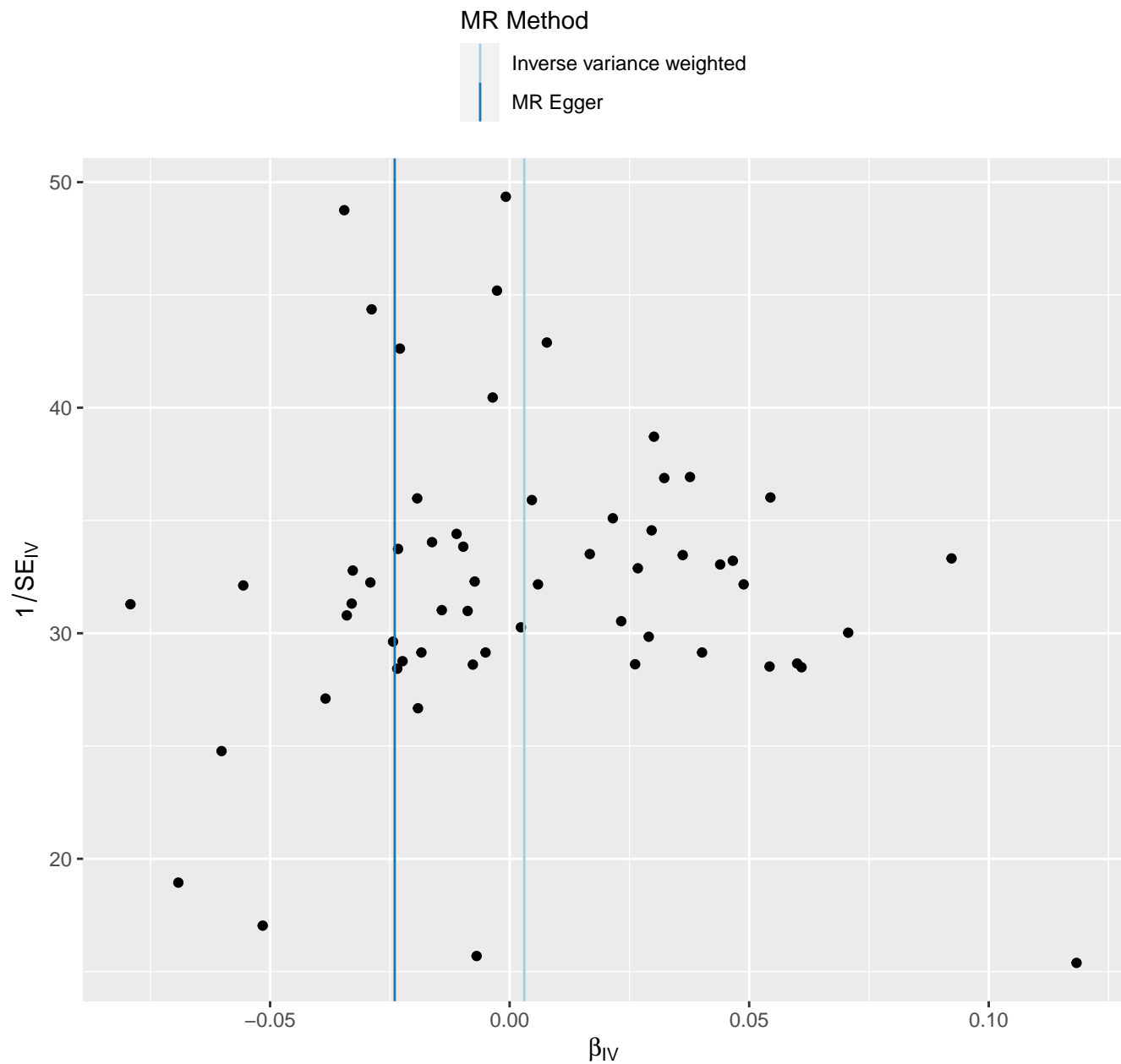
MR Method



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

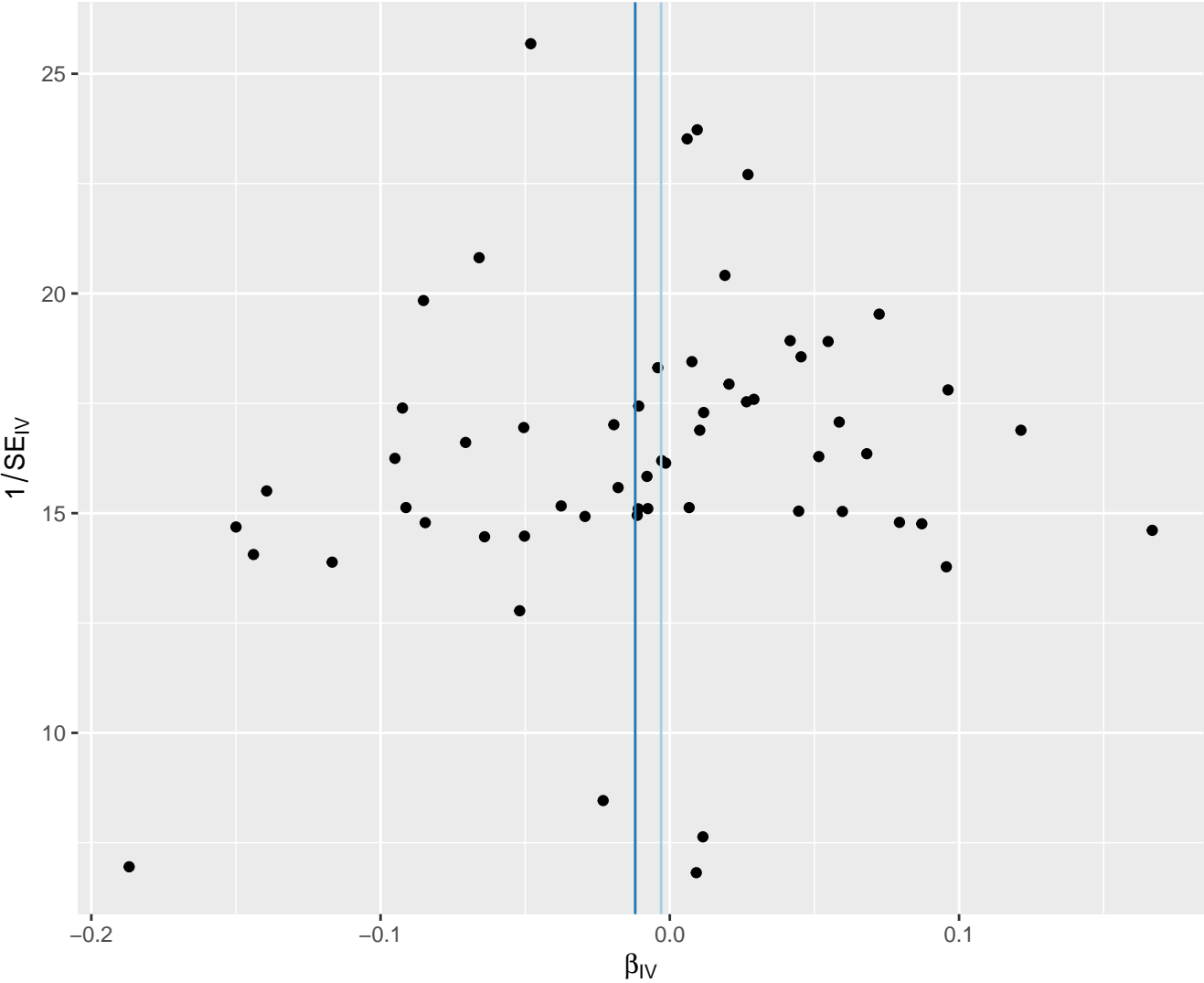


X-12442--5,8-tetradecadienoate



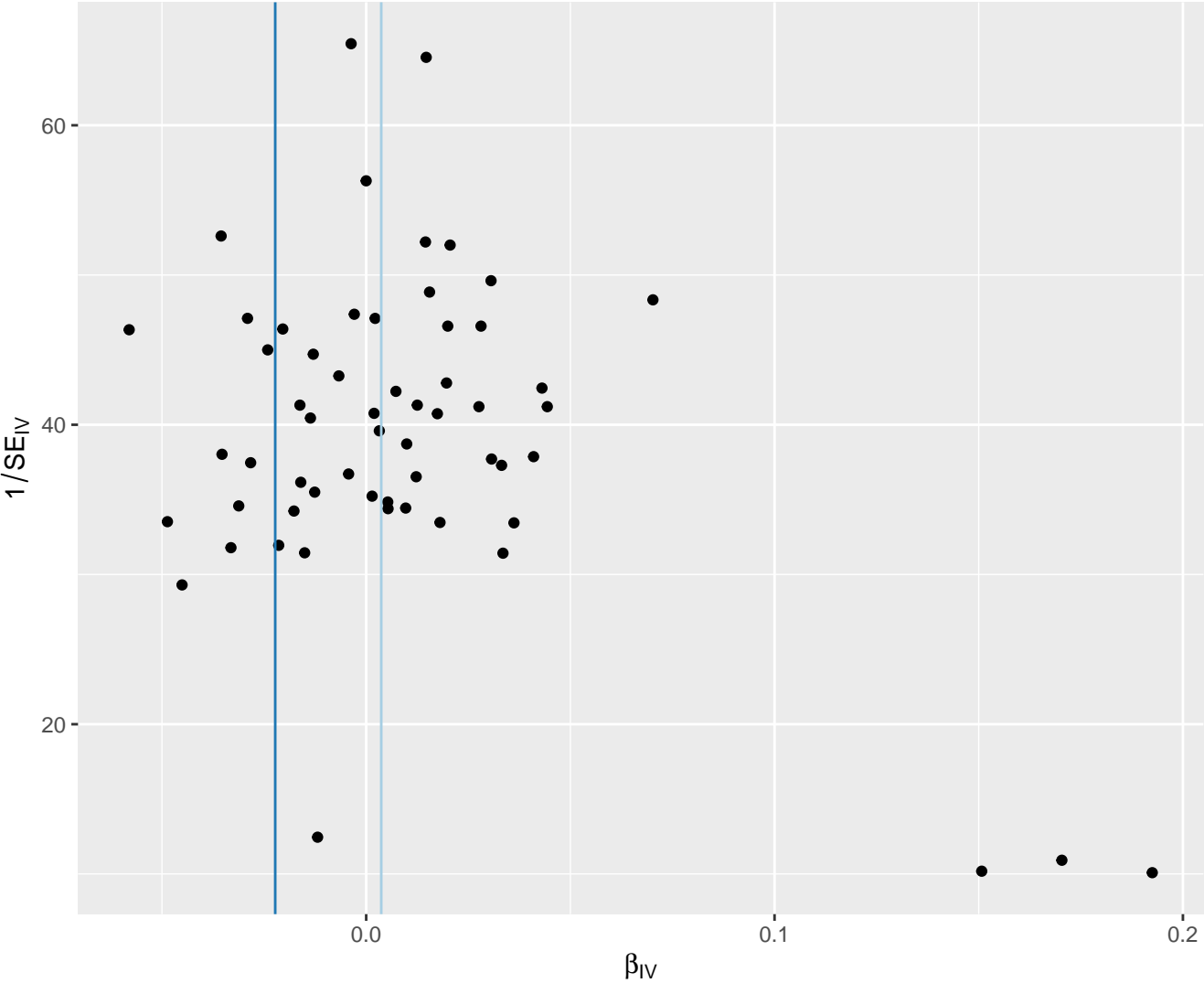
X-12443

MR Method



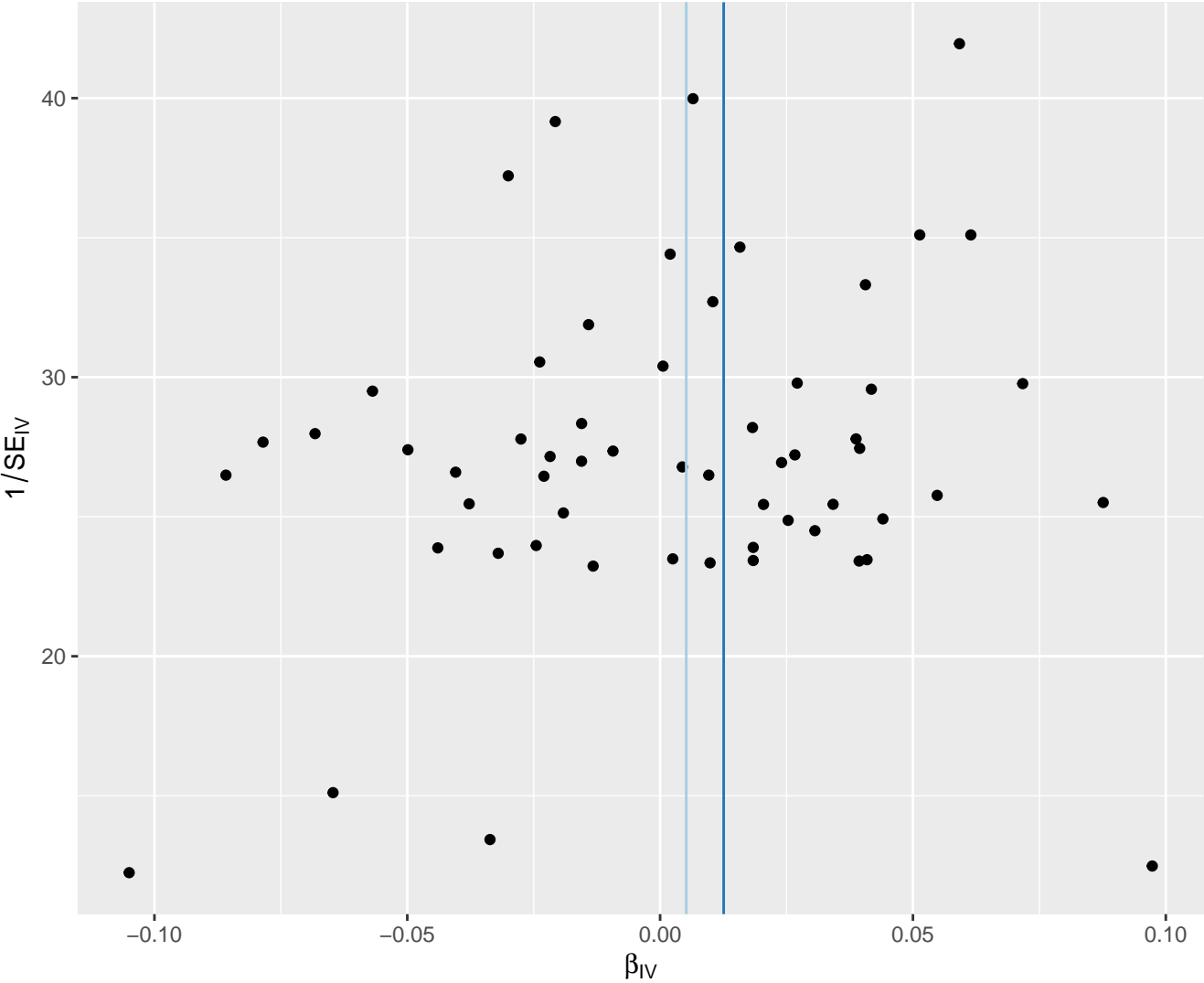
X-12450

MR Method



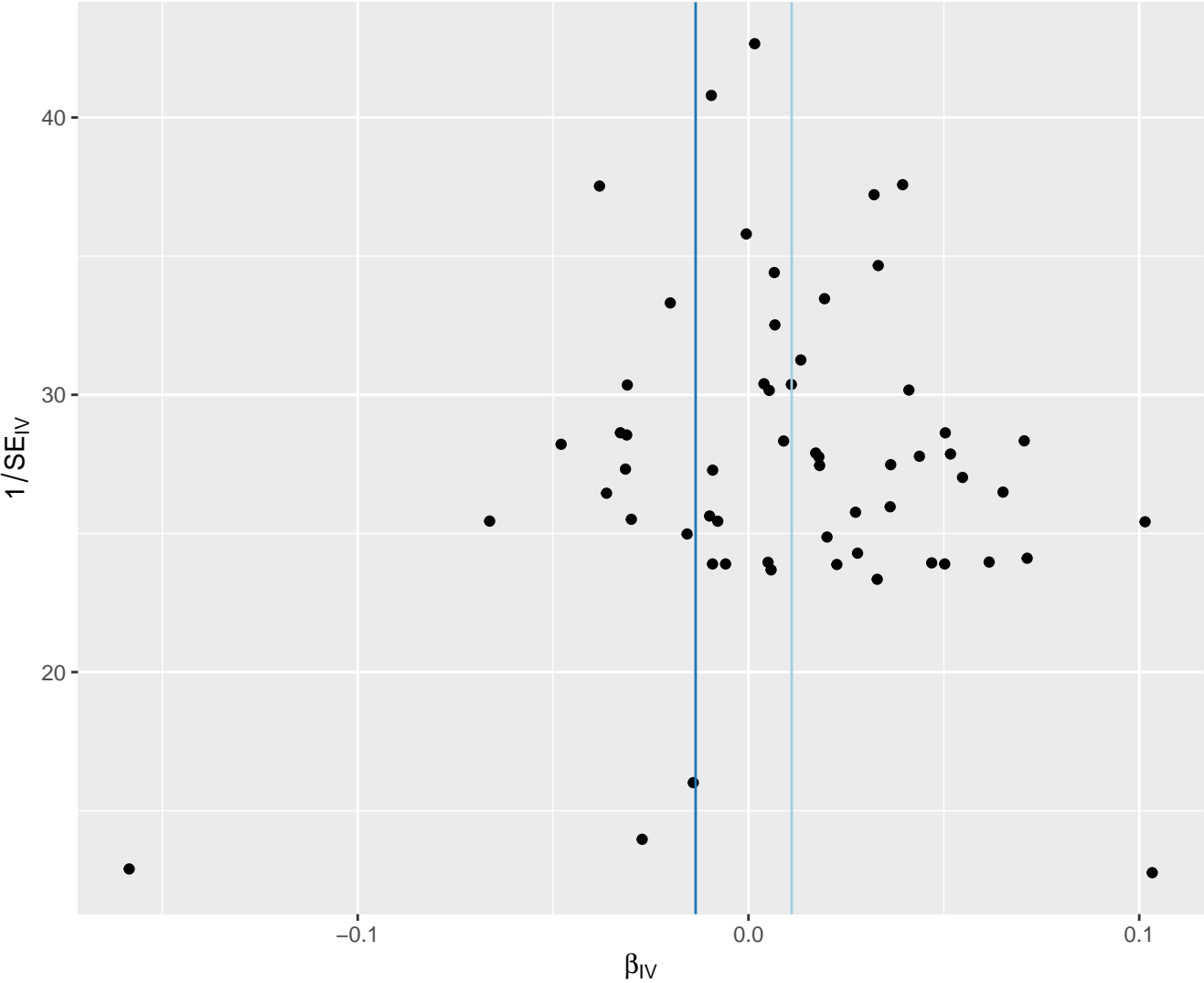
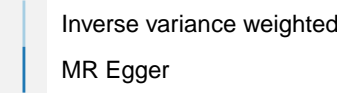
X-12456

MR Method



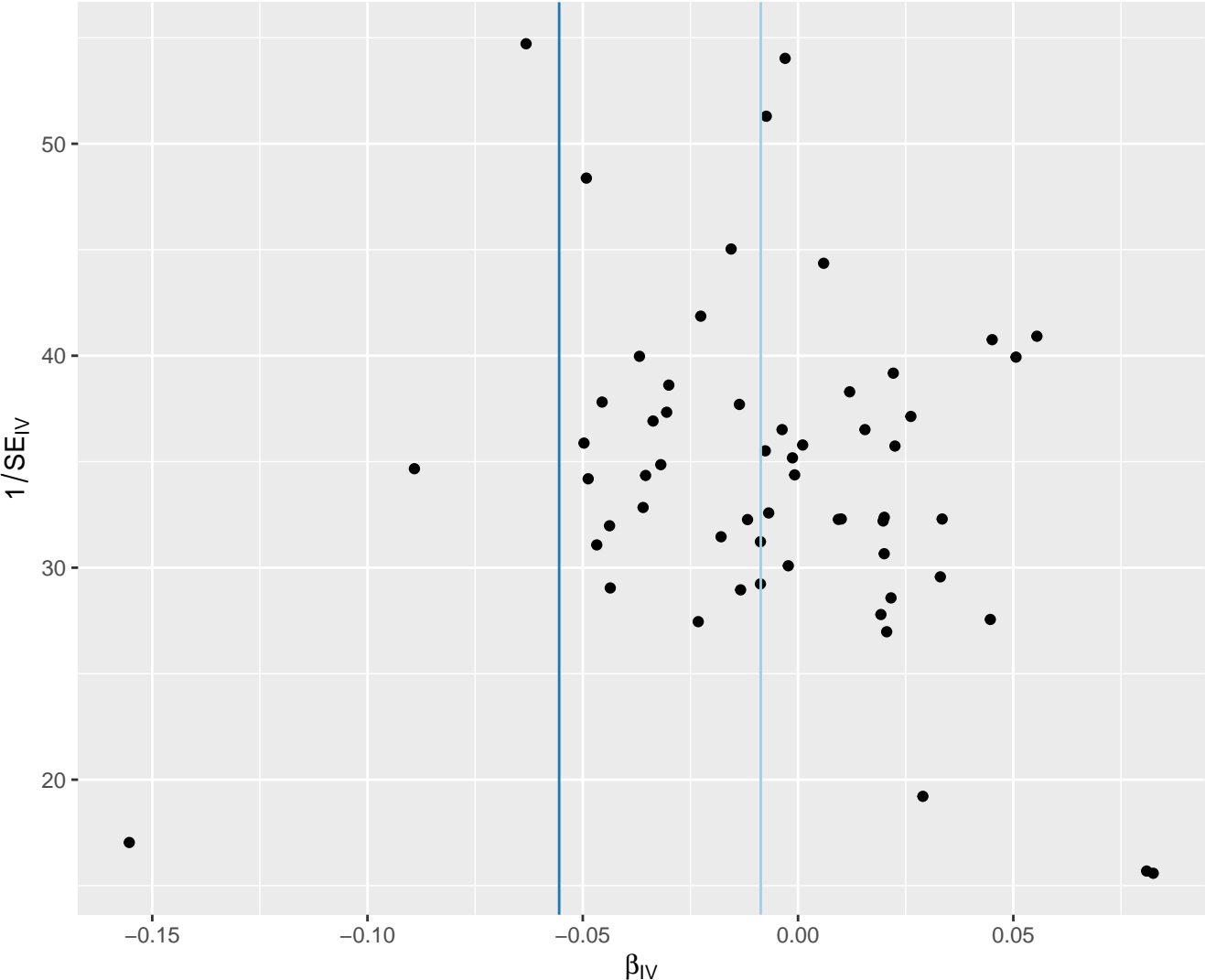
X-12465

MR Method



X-12510--2-aminooctanoic acid

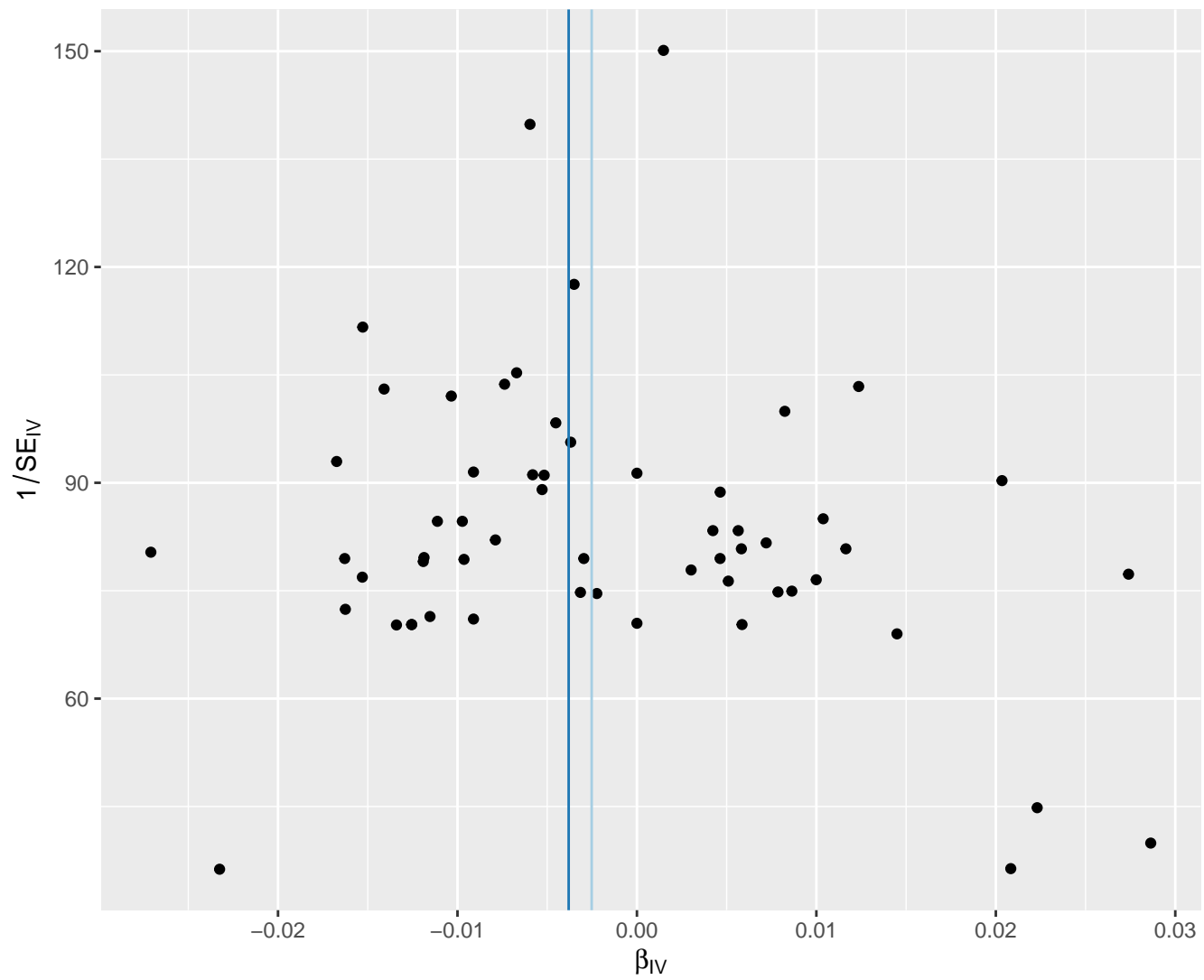
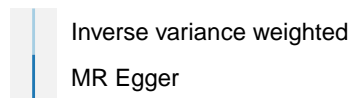
MR Method





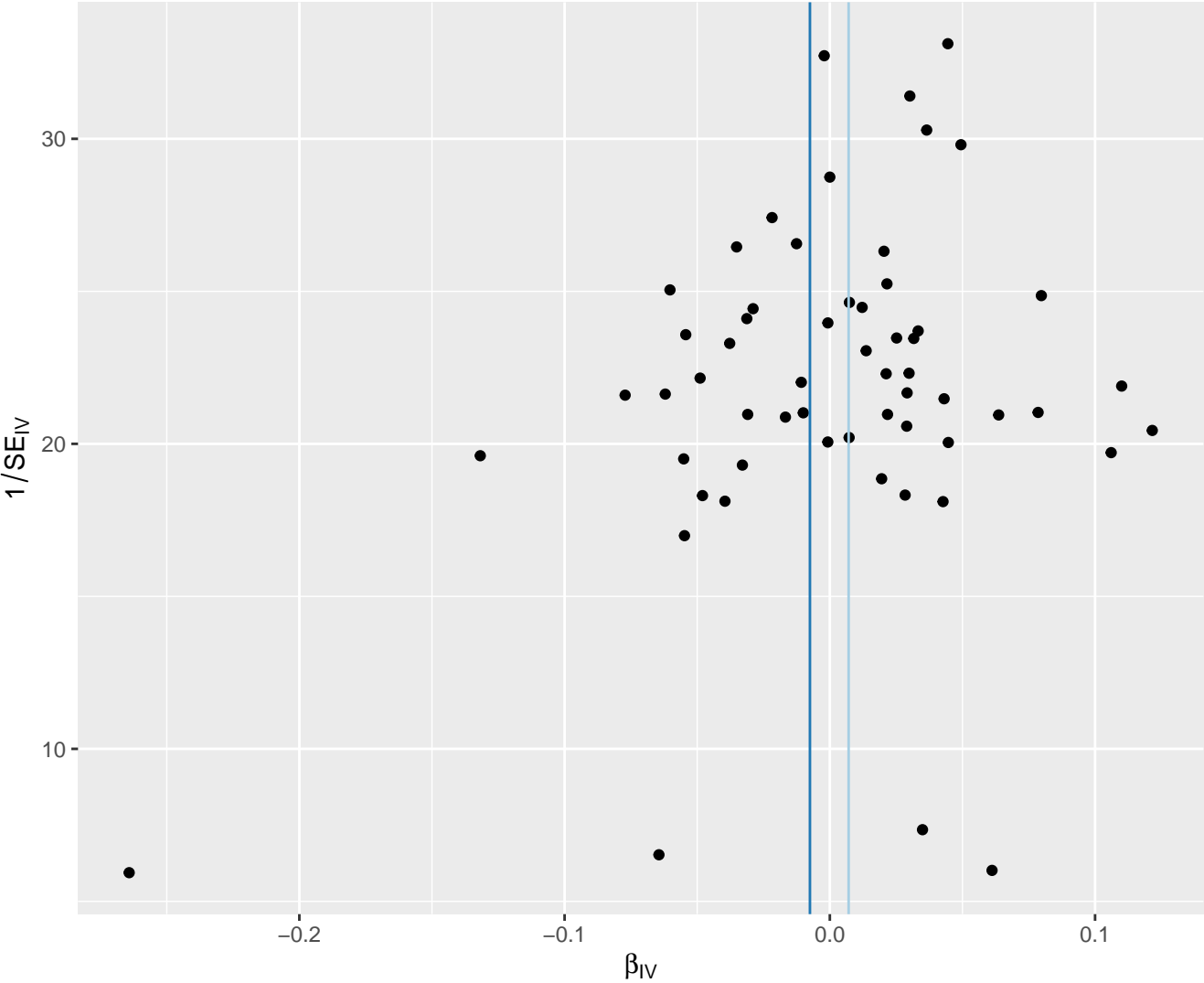
X-12524

MR Method



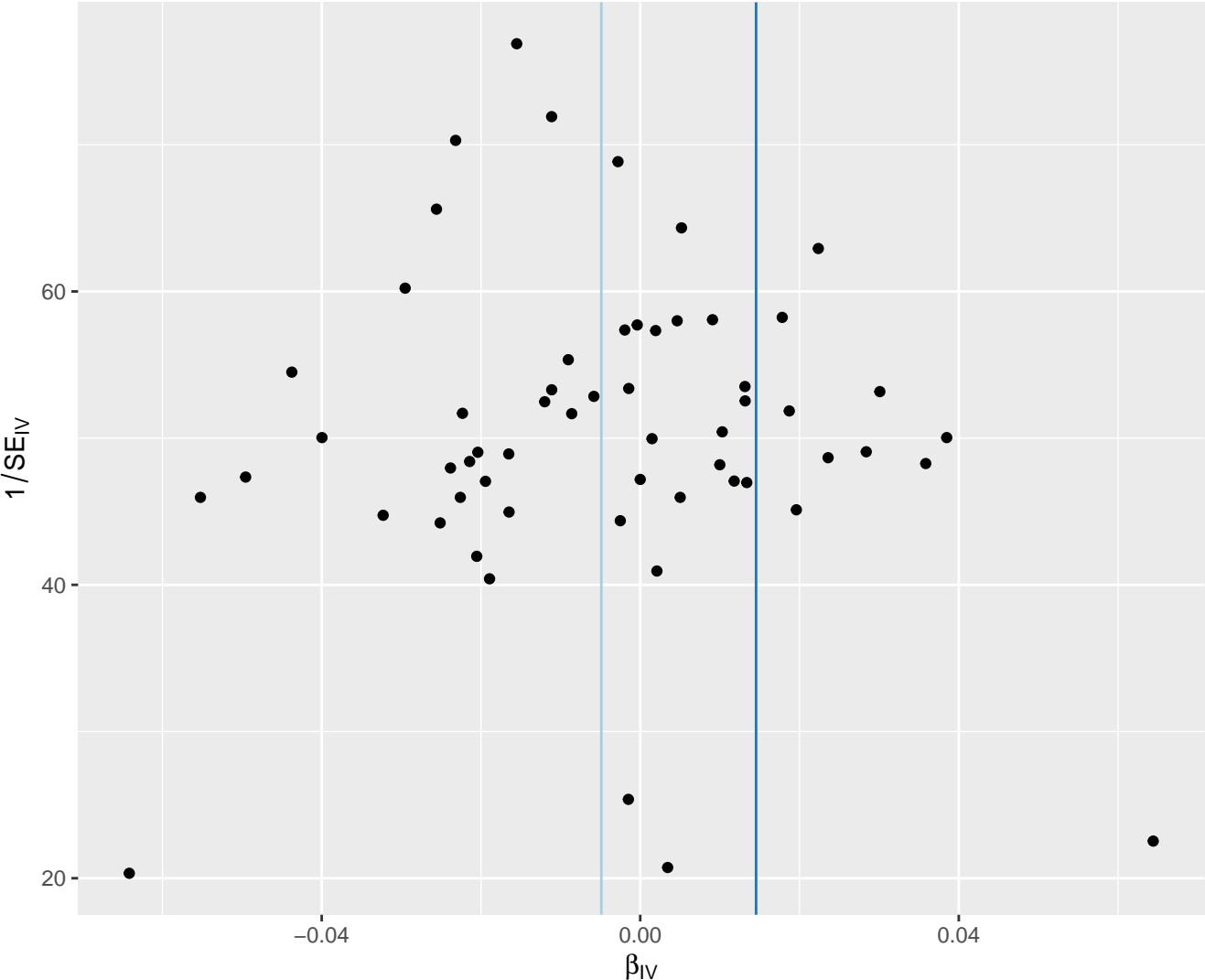
X-12544

MR Method

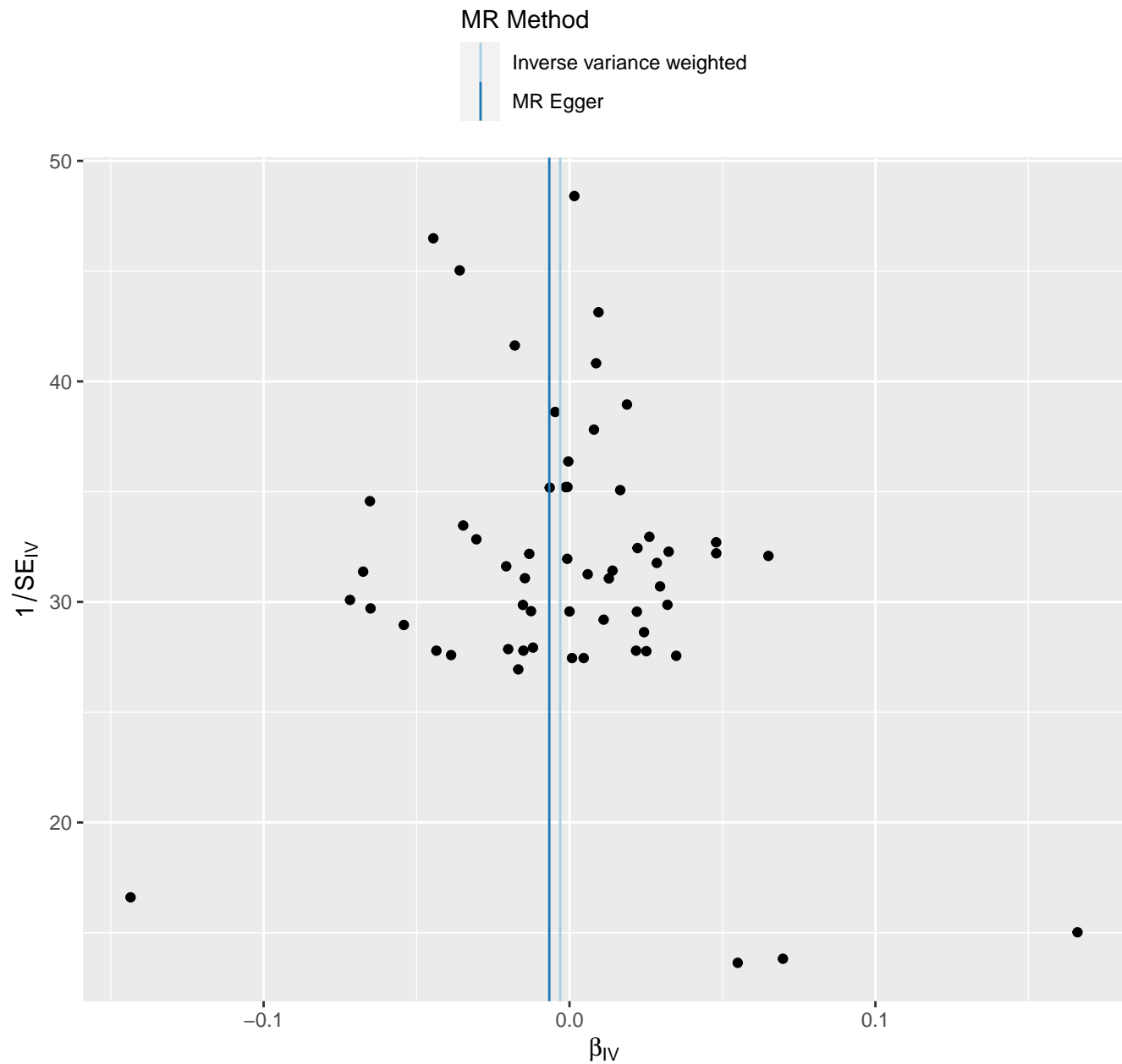


X-12556

MR Method

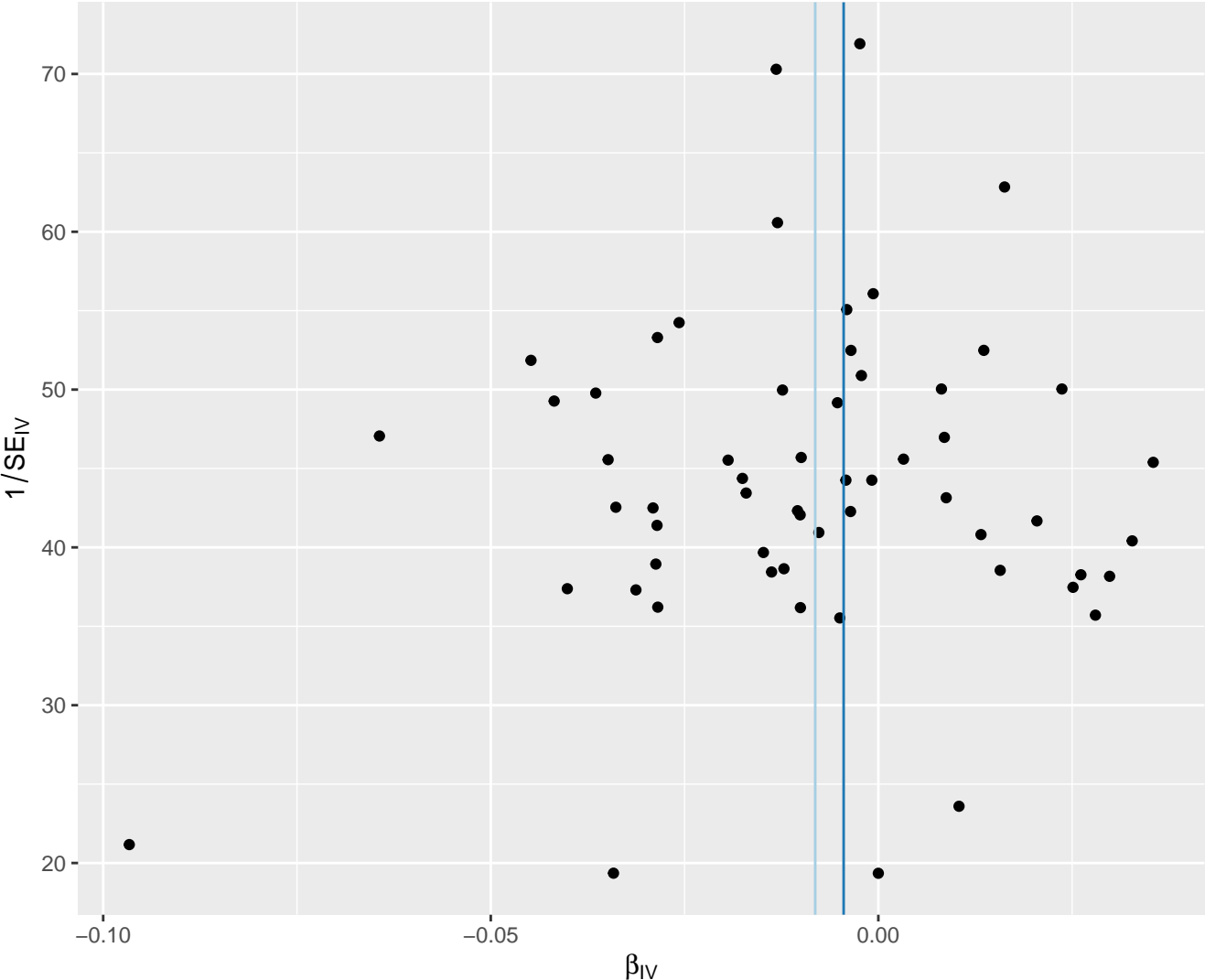


X-12627



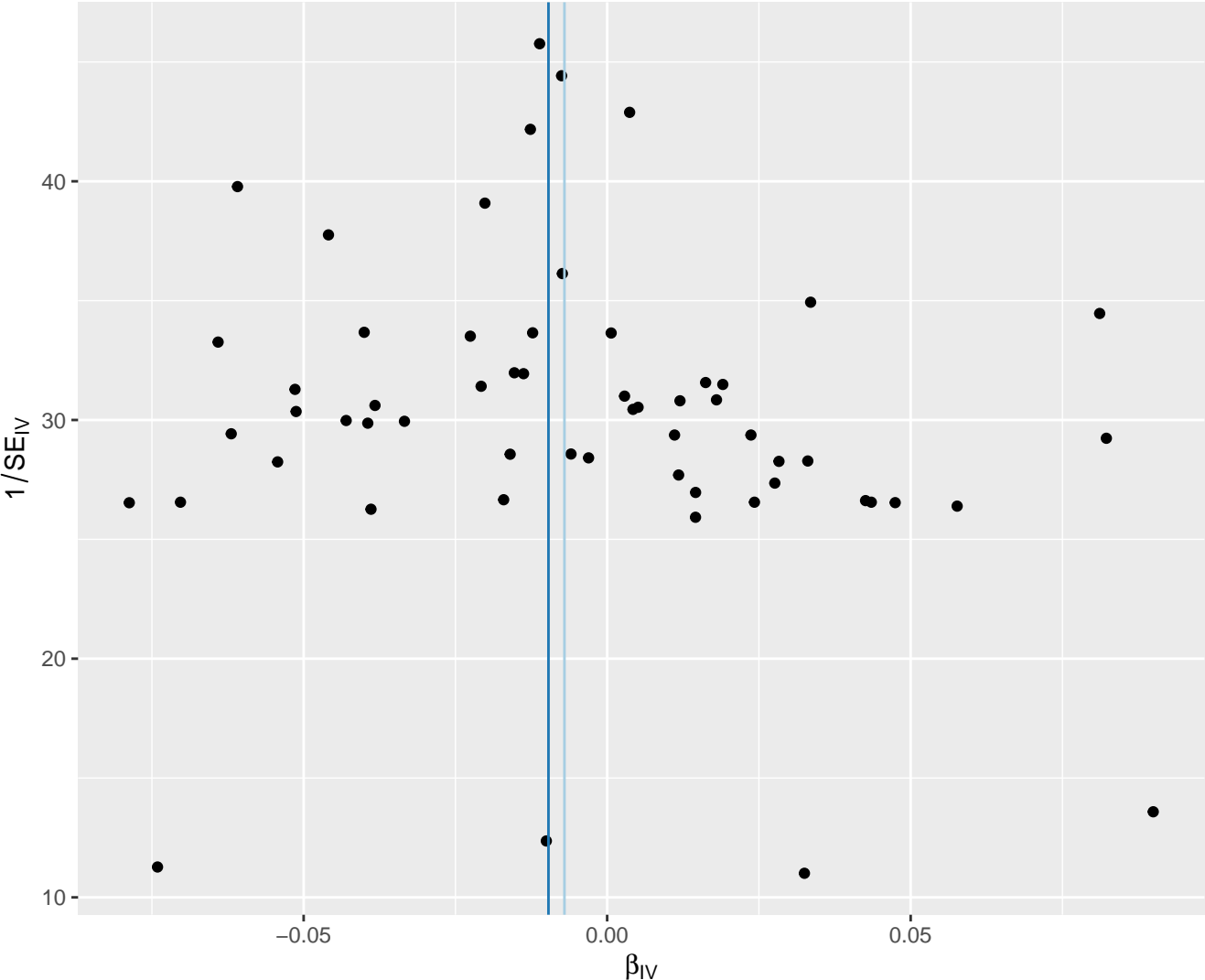
X-12644

MR Method



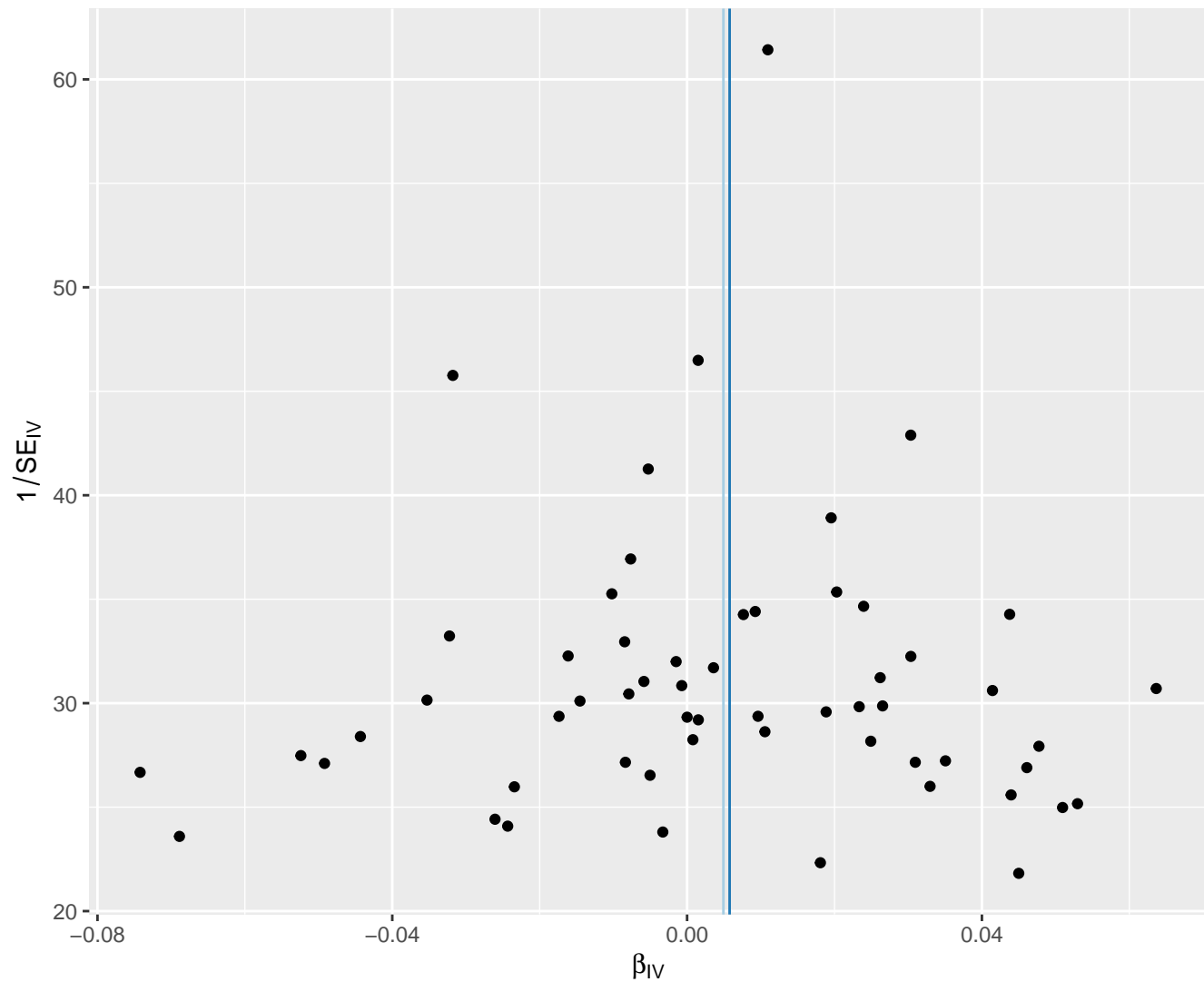
X-12645

MR Method



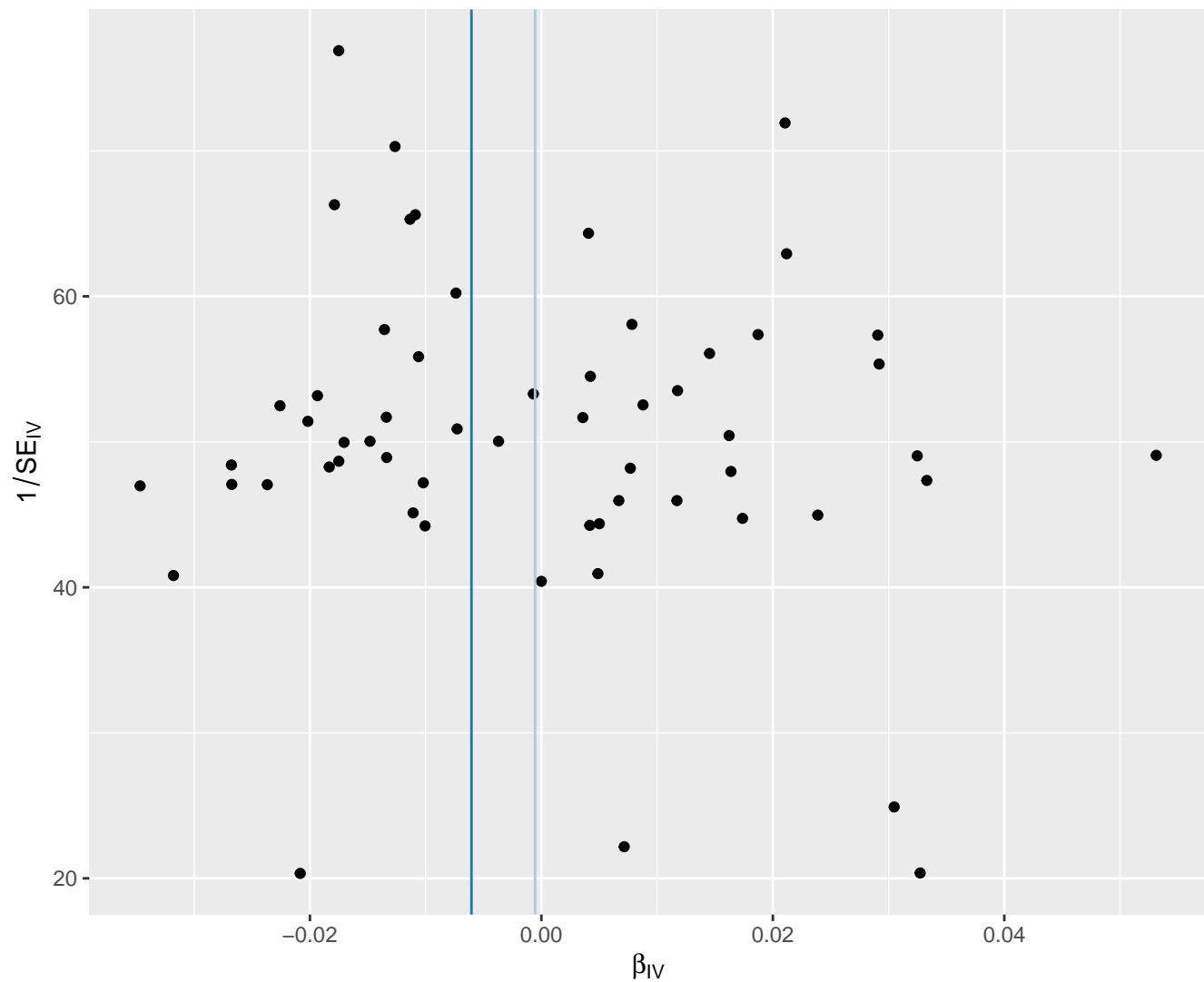
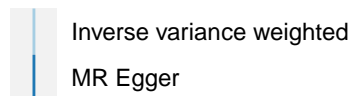
X-12680

MR Method



X-12696

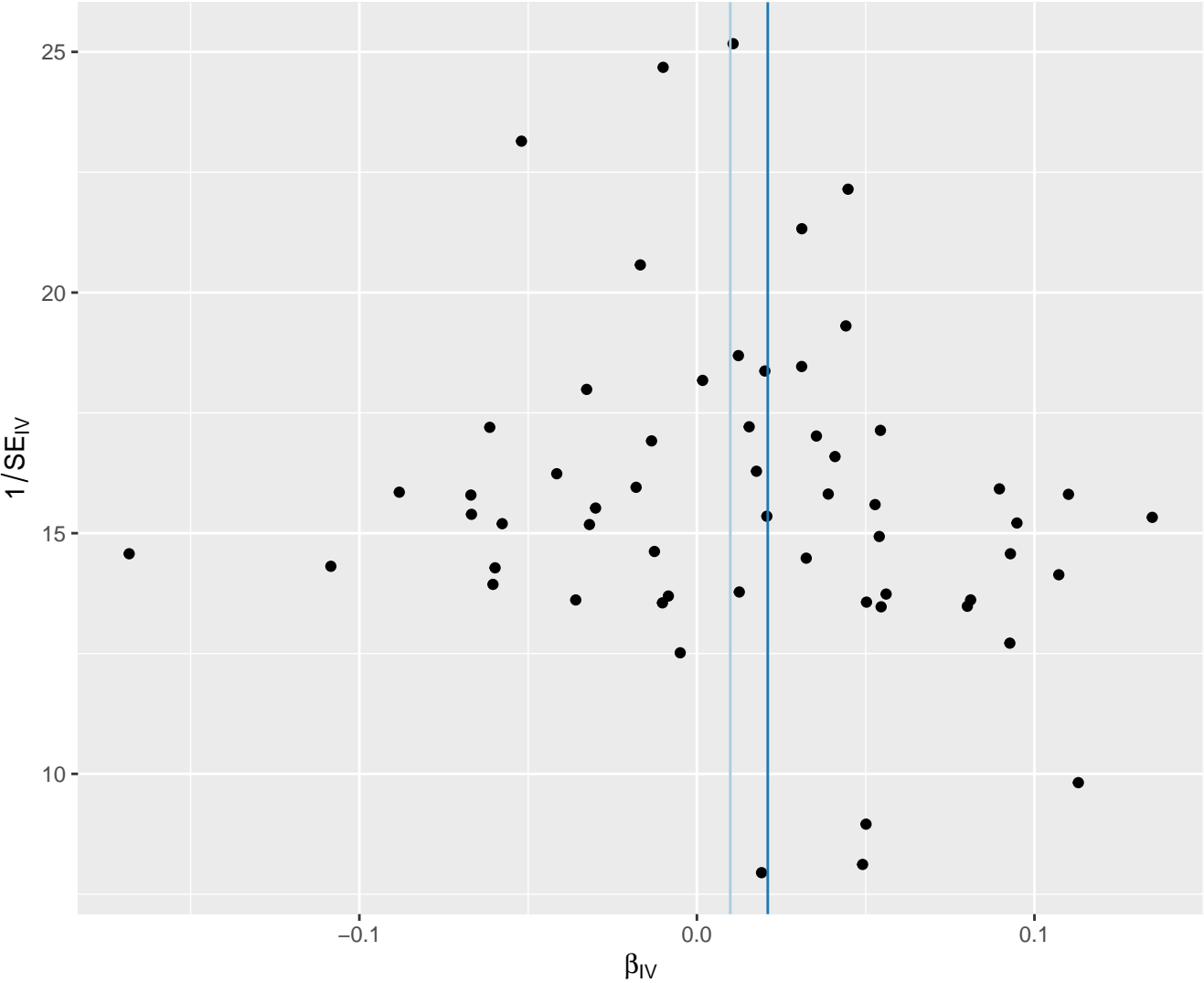
MR Method





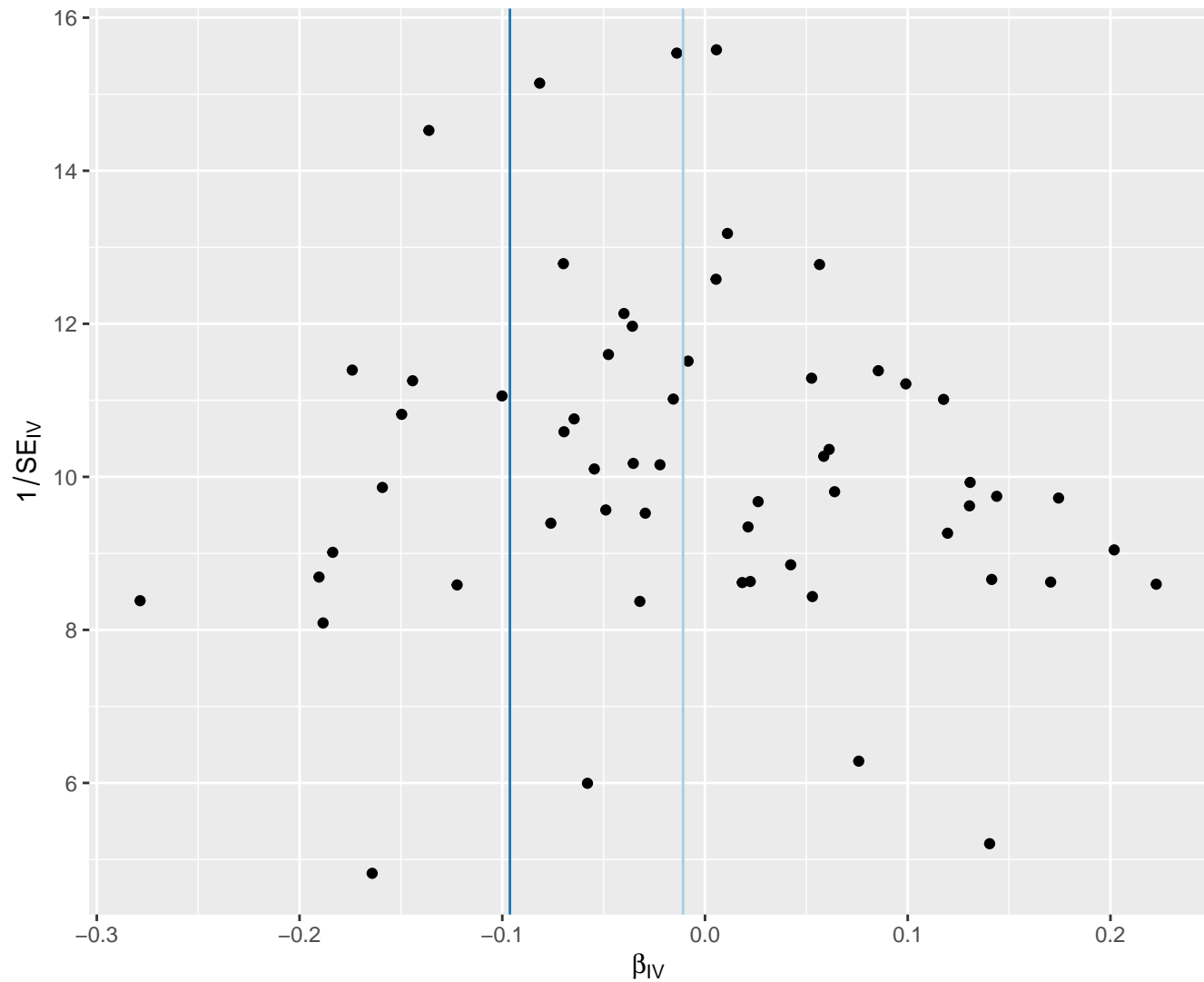
X-12704

MR Method



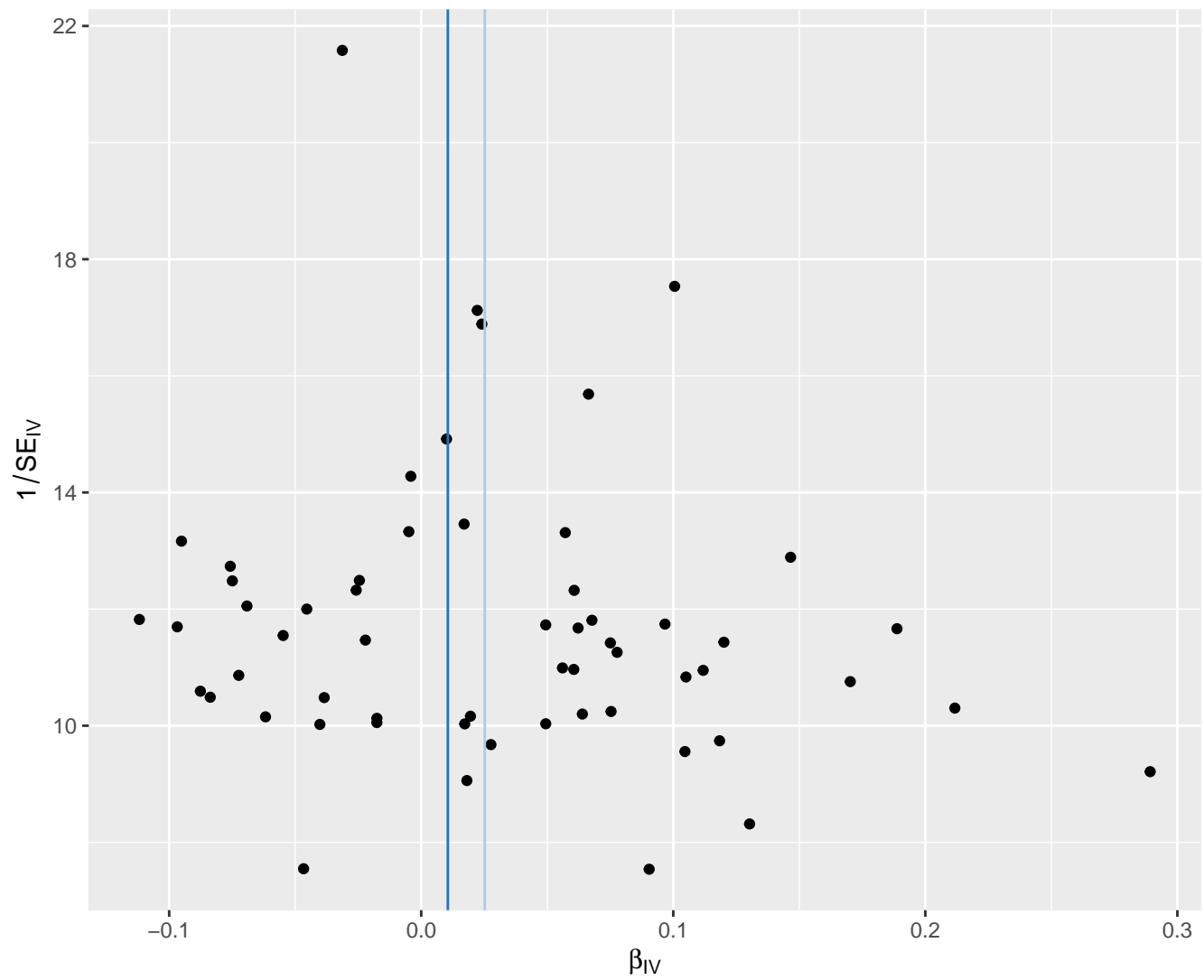
X-12712

MR Method



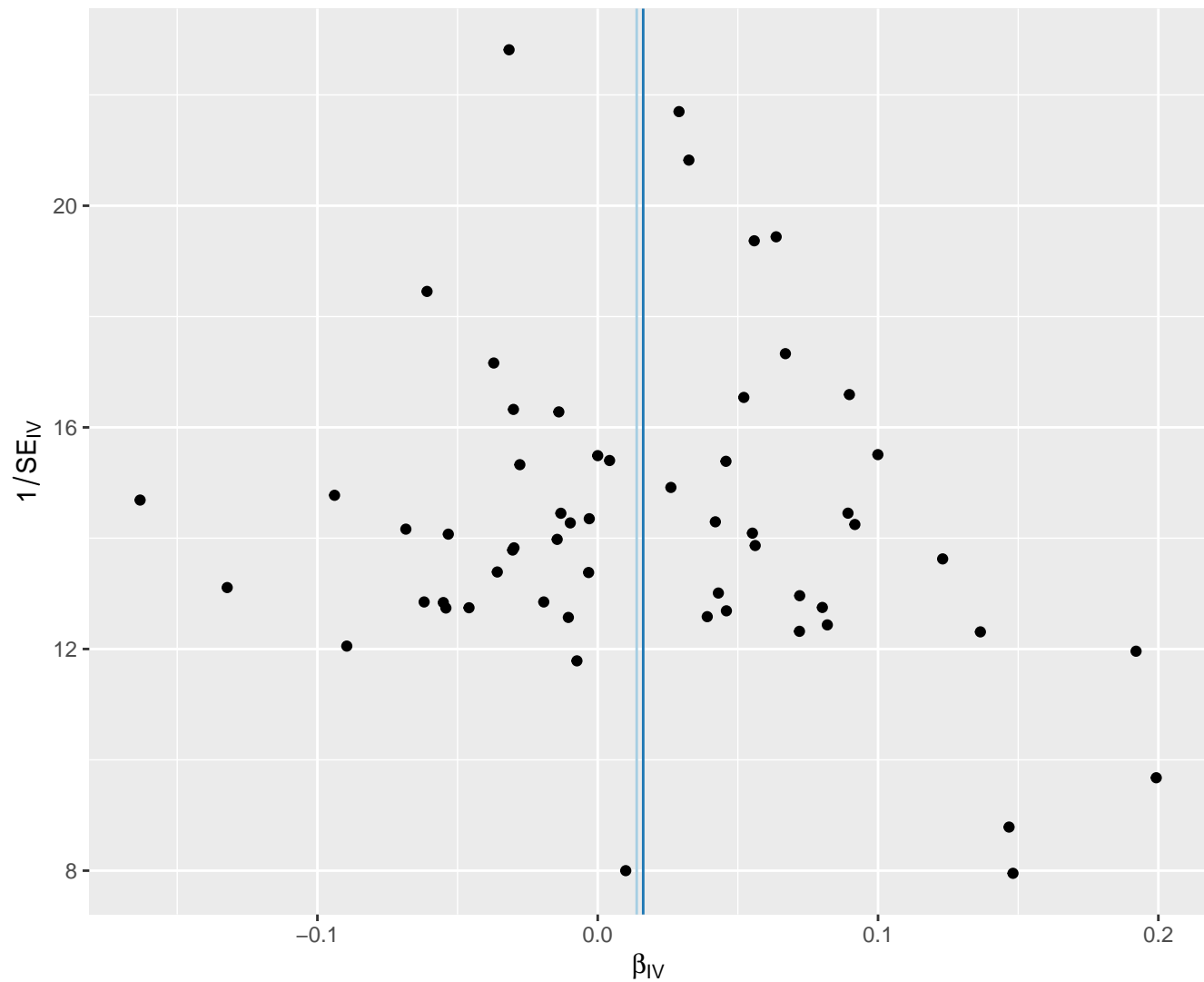
X-12717

MR Method



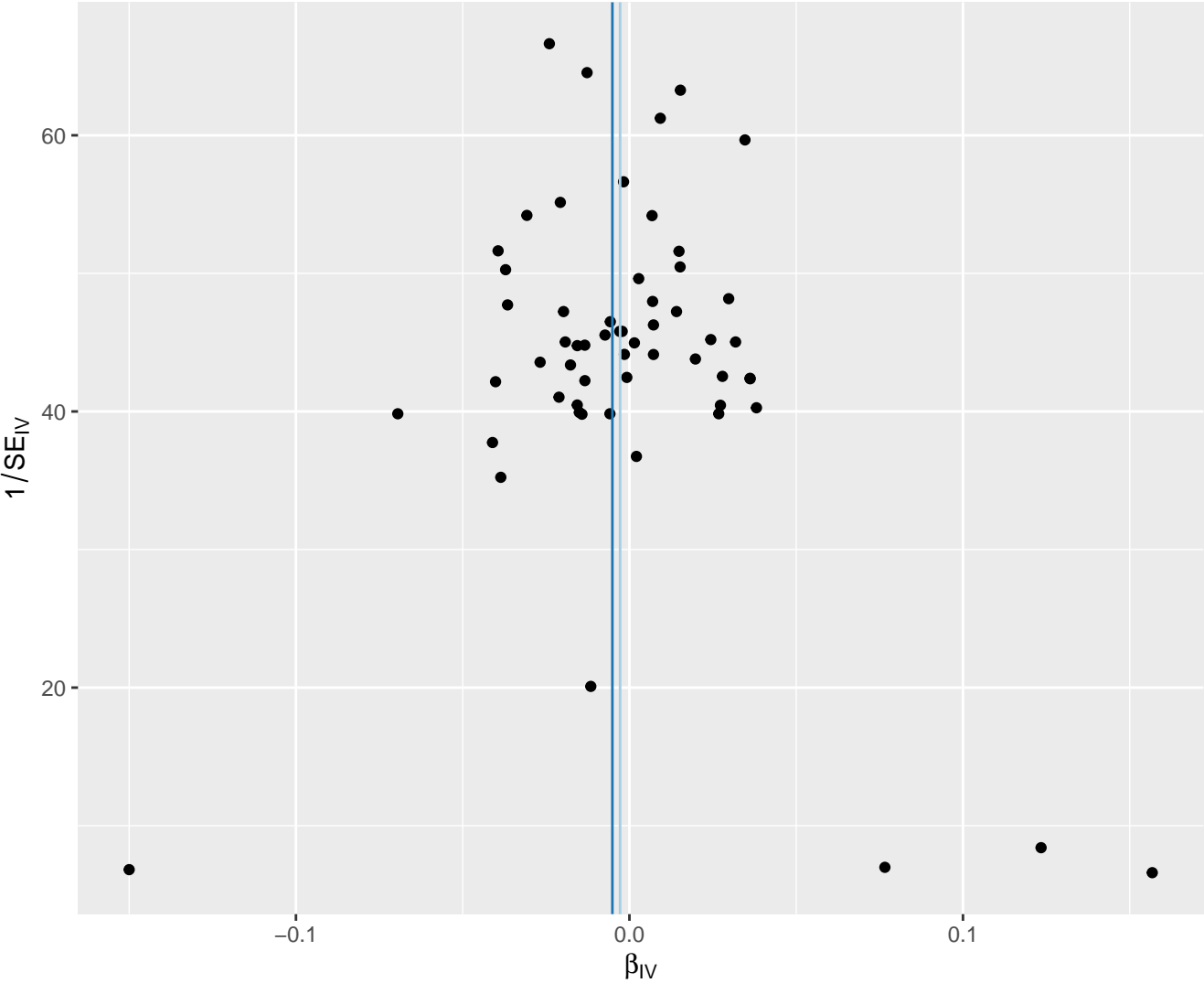
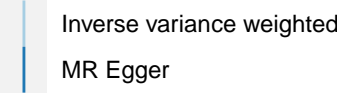
X-12719

MR Method



X-12726

MR Method



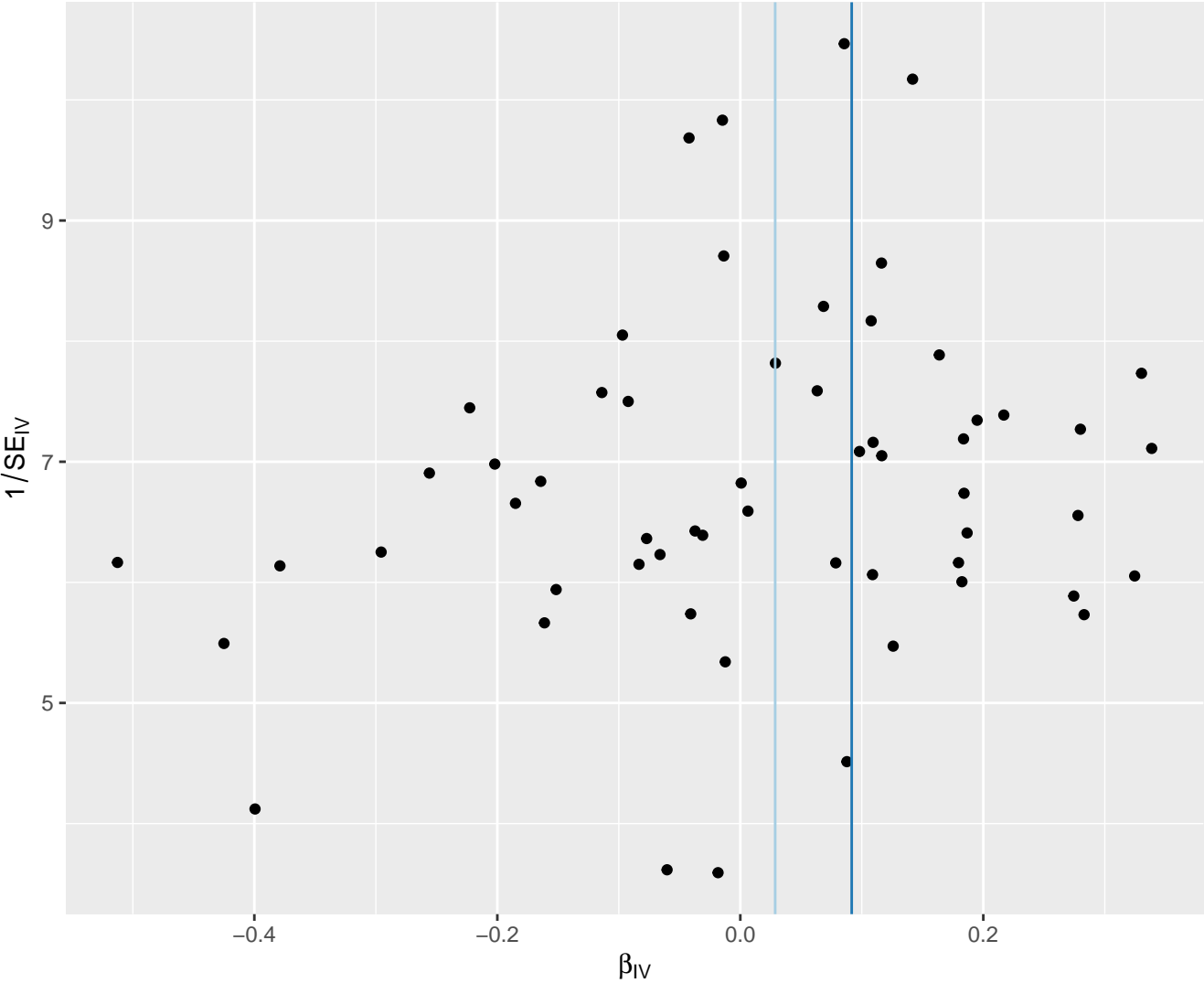
X-12728

MR Method



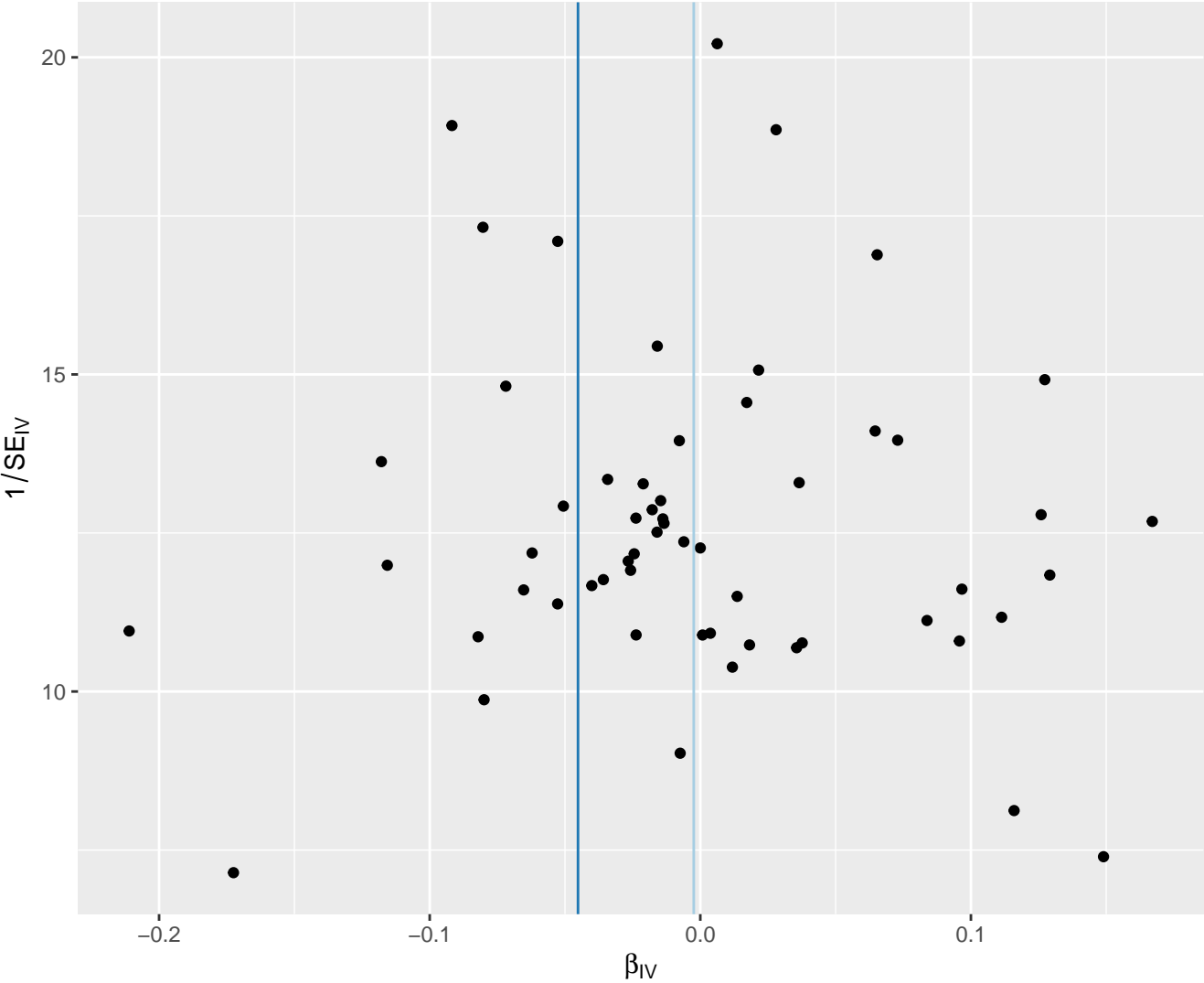
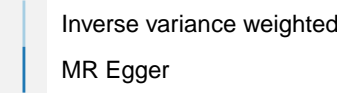
Inverse variance weighted

MR Egger



X-12729

MR Method

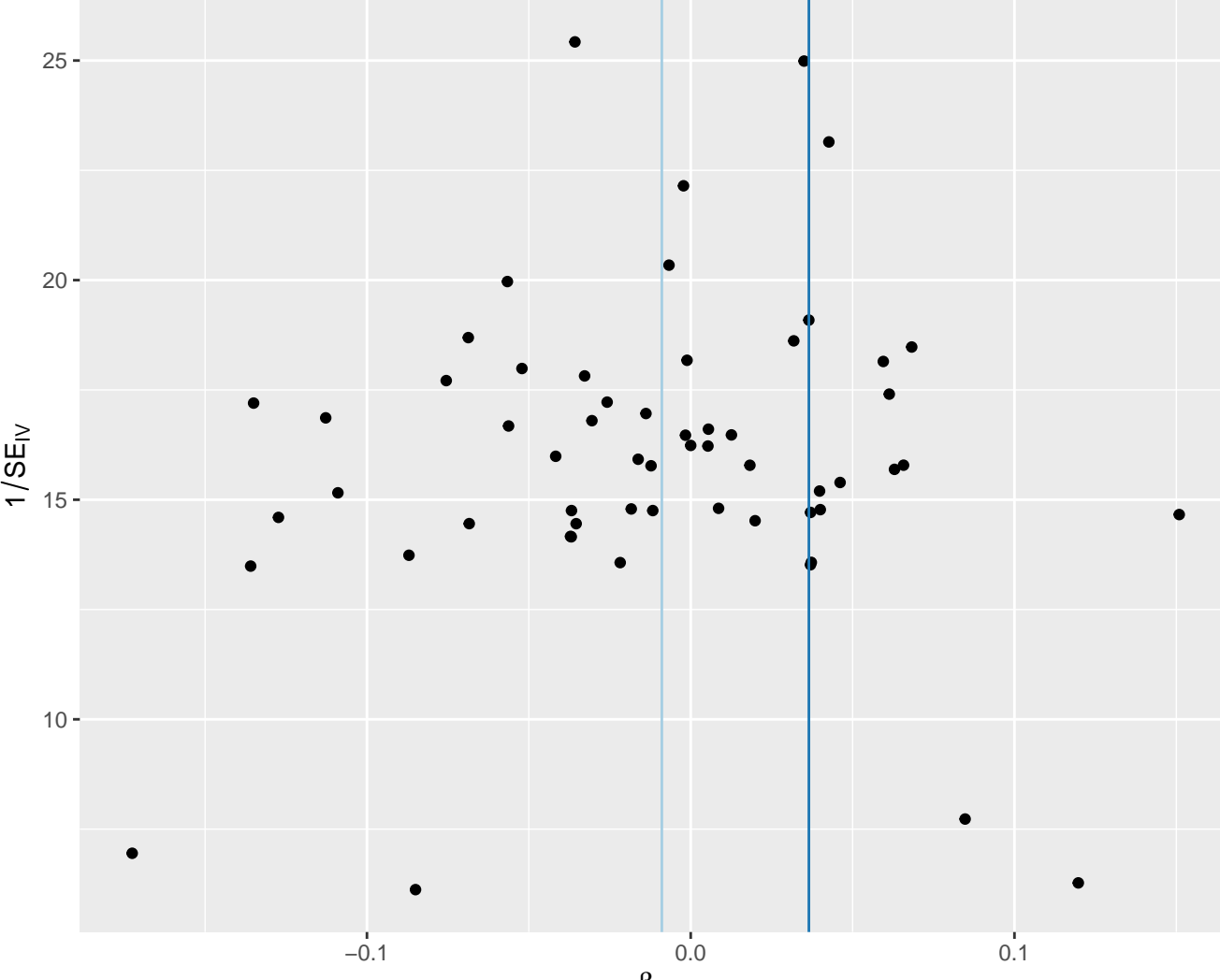


# X-12734

## MR Method

## Inverse variance weighted

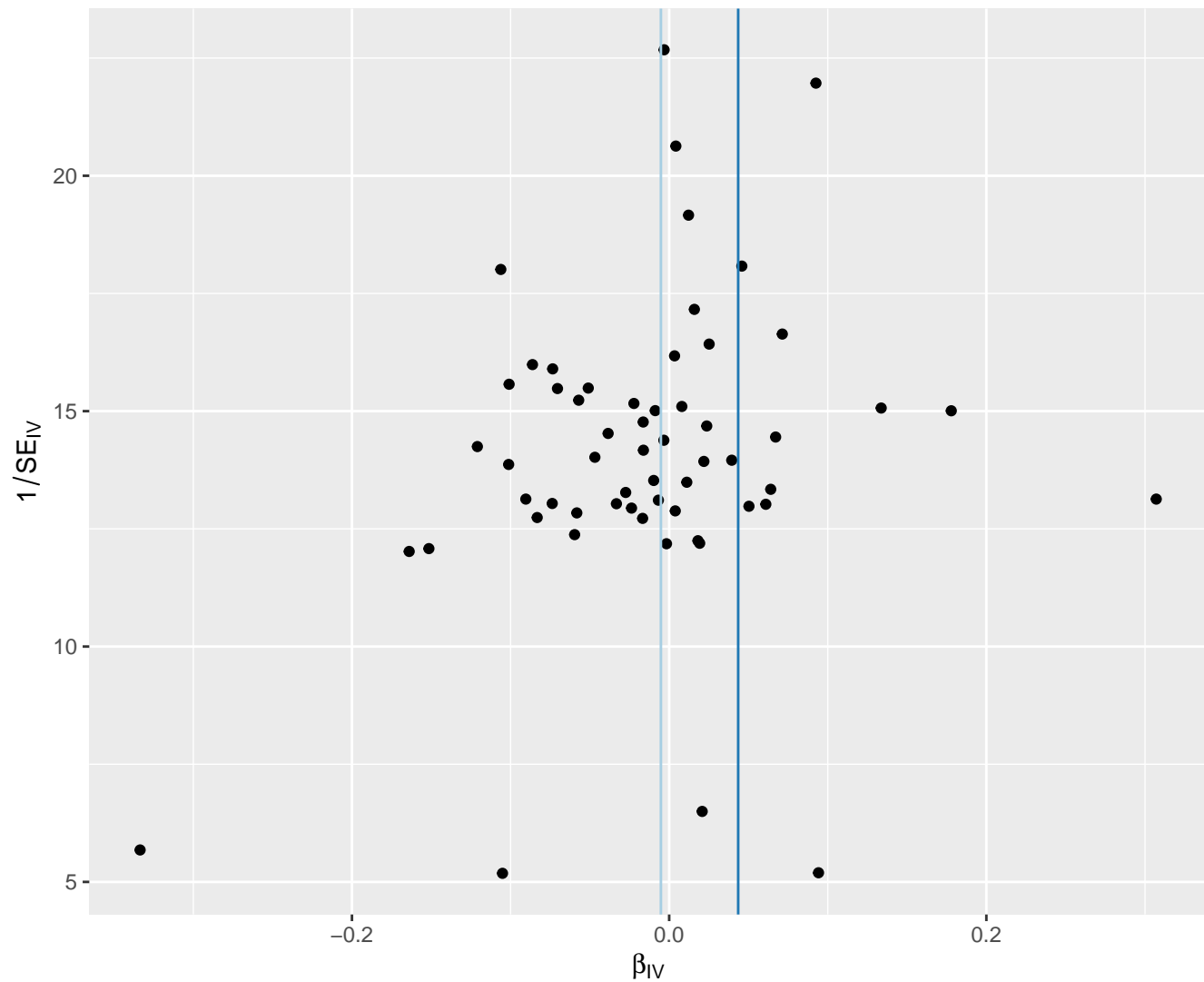
MR Egger





X-12740

MR Method

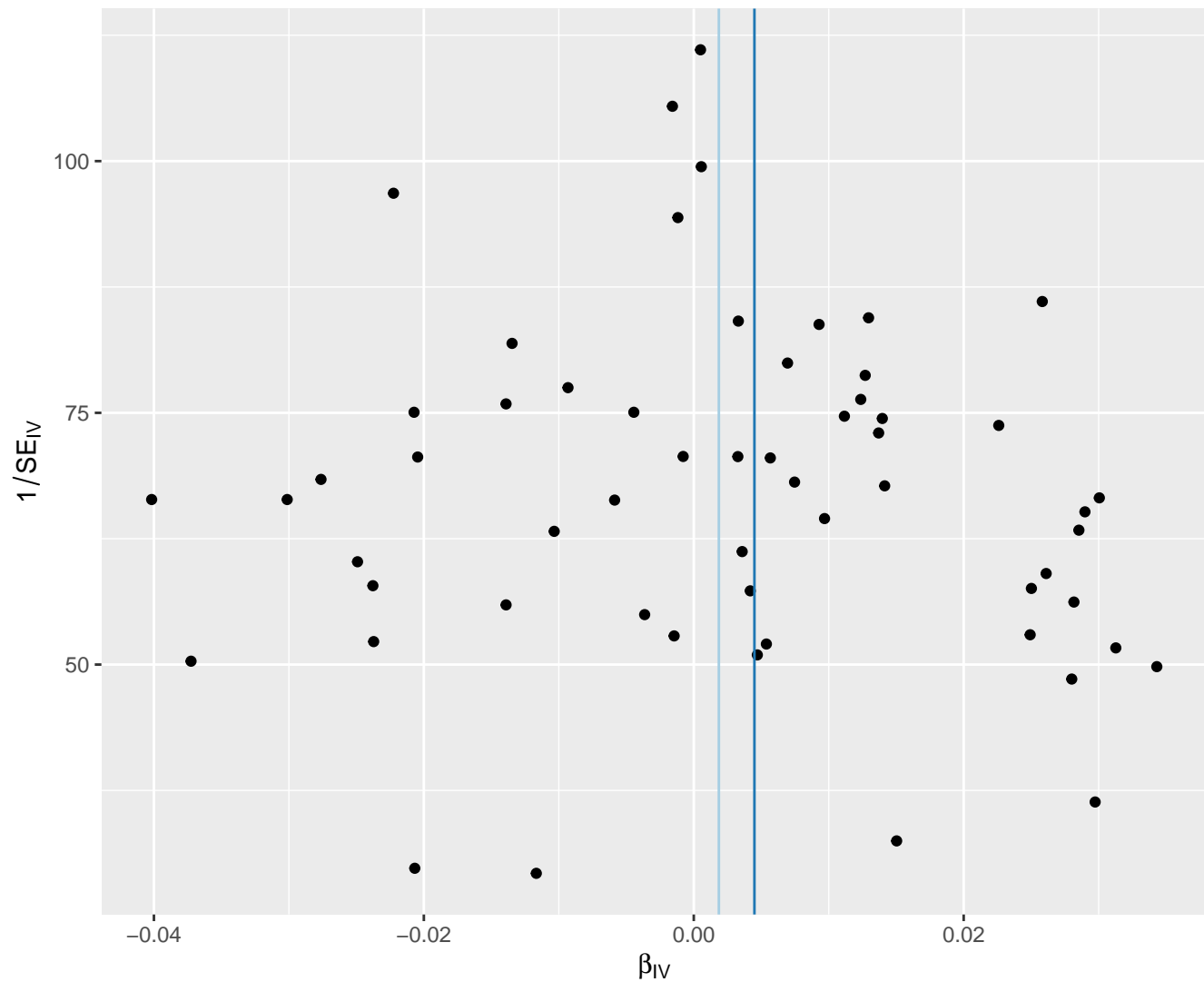


X-12749

## MR Method

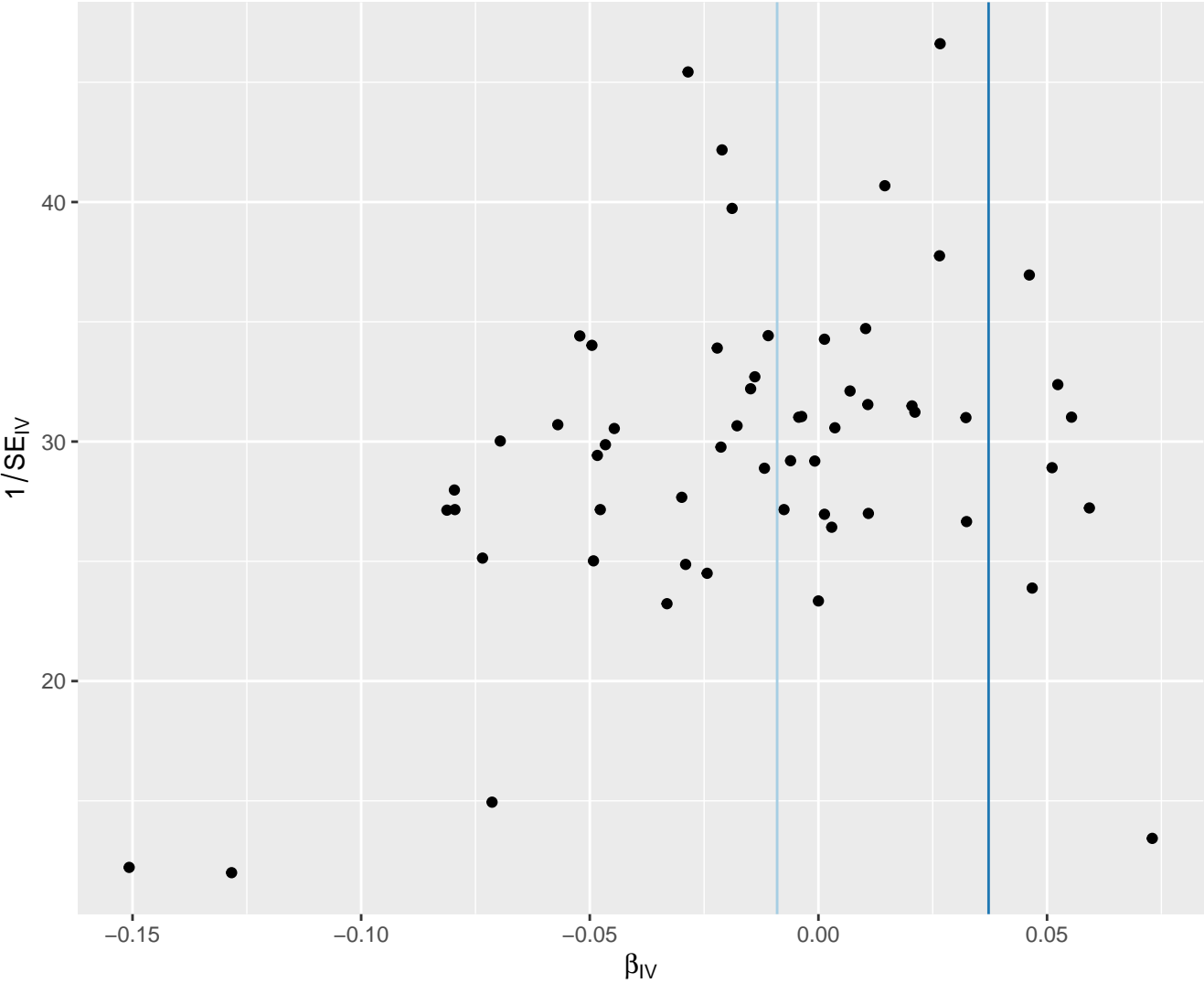
Inverse variance weighted

MR Egger



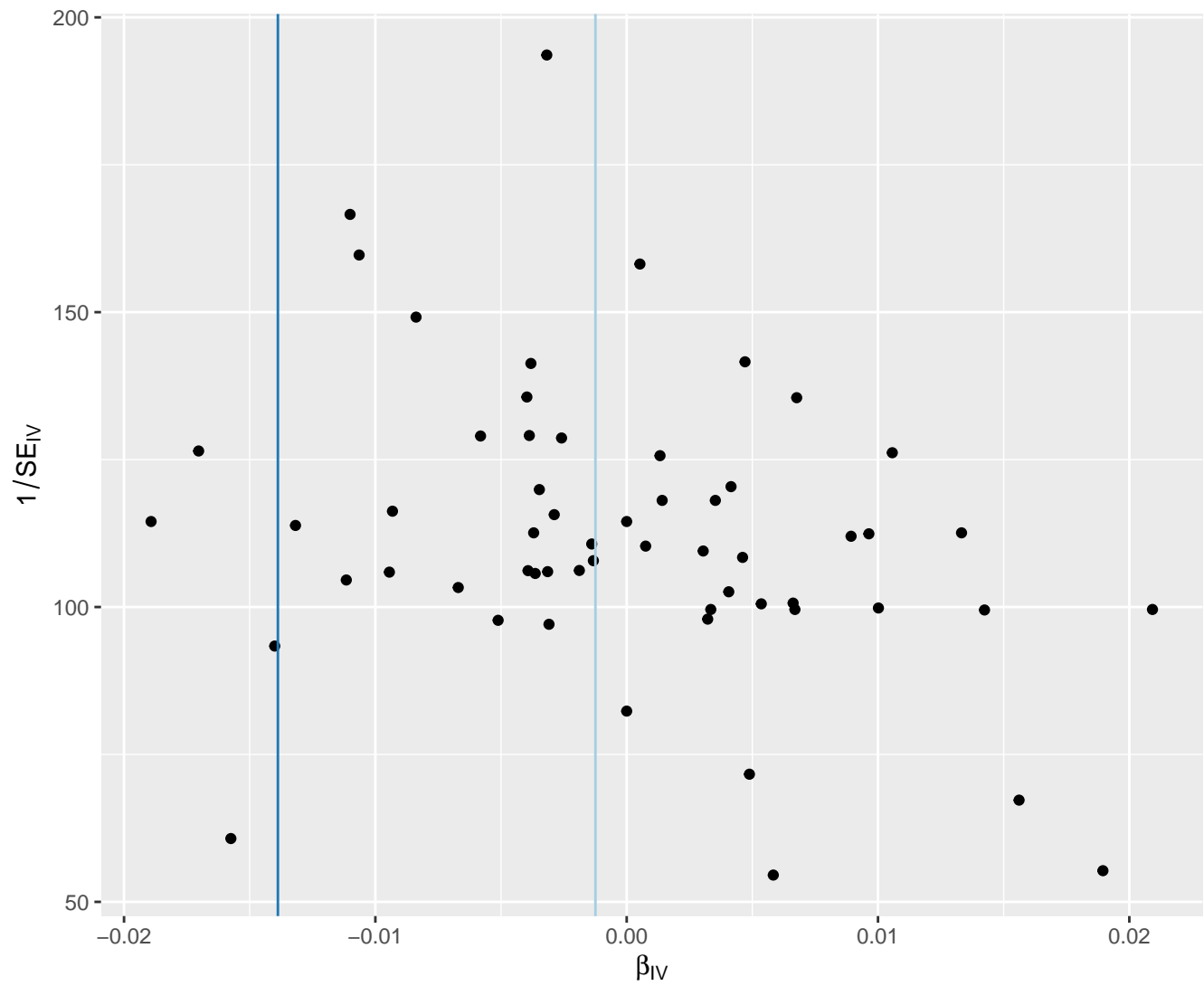
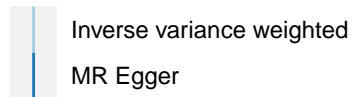
X-12771

MR Method



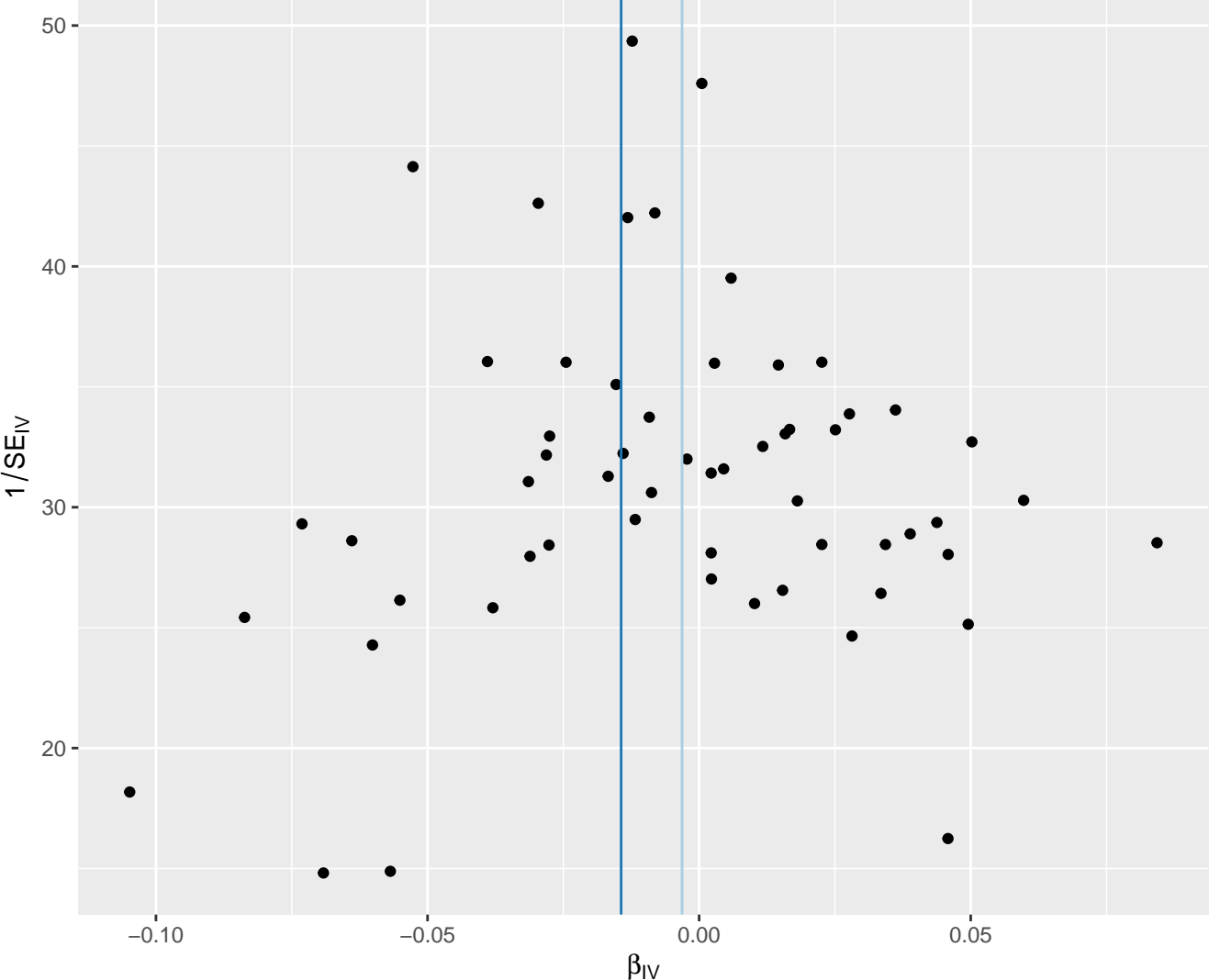
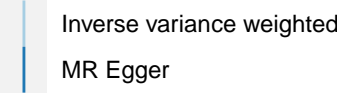
X-12776

MR Method



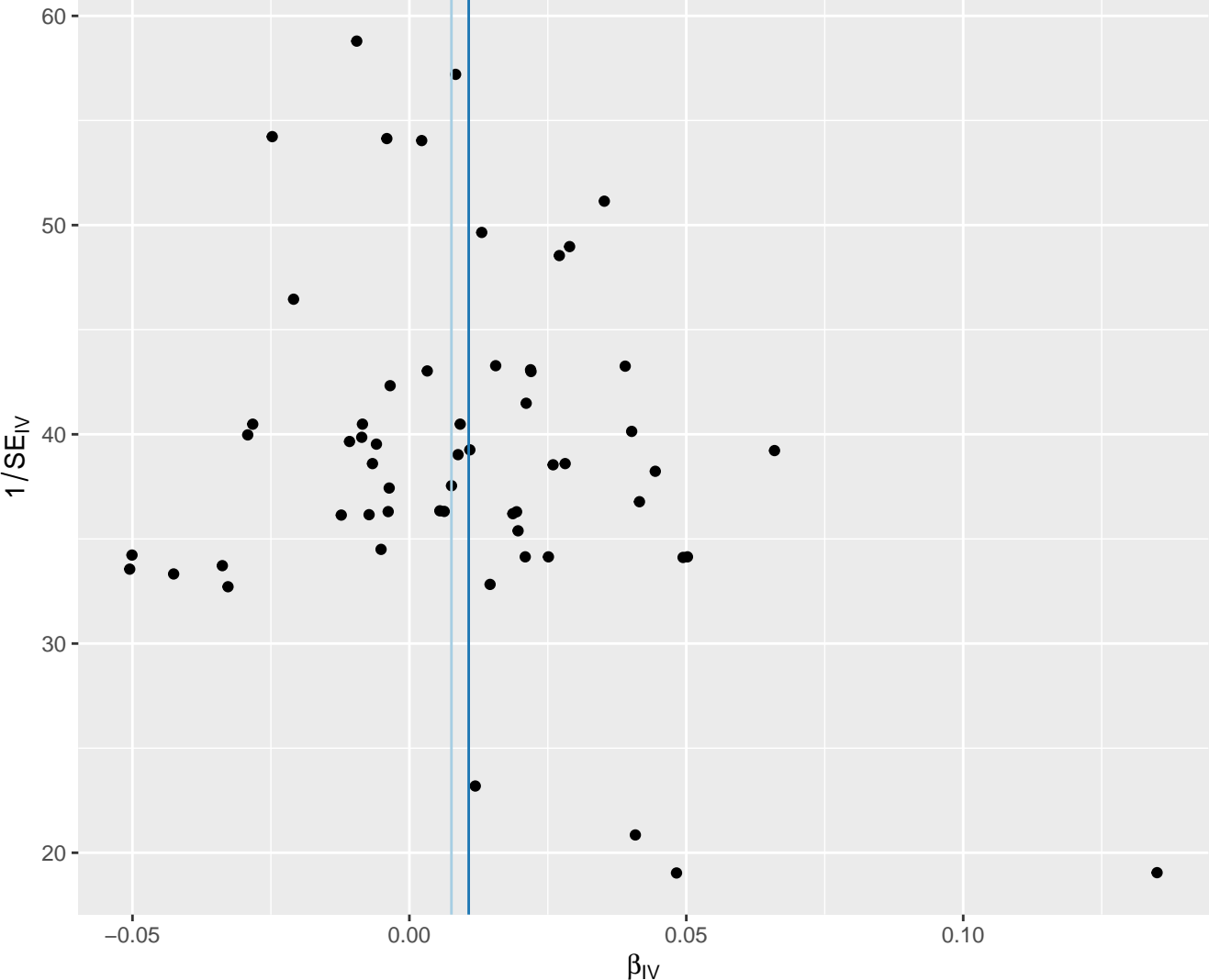
X-12786

MR Method



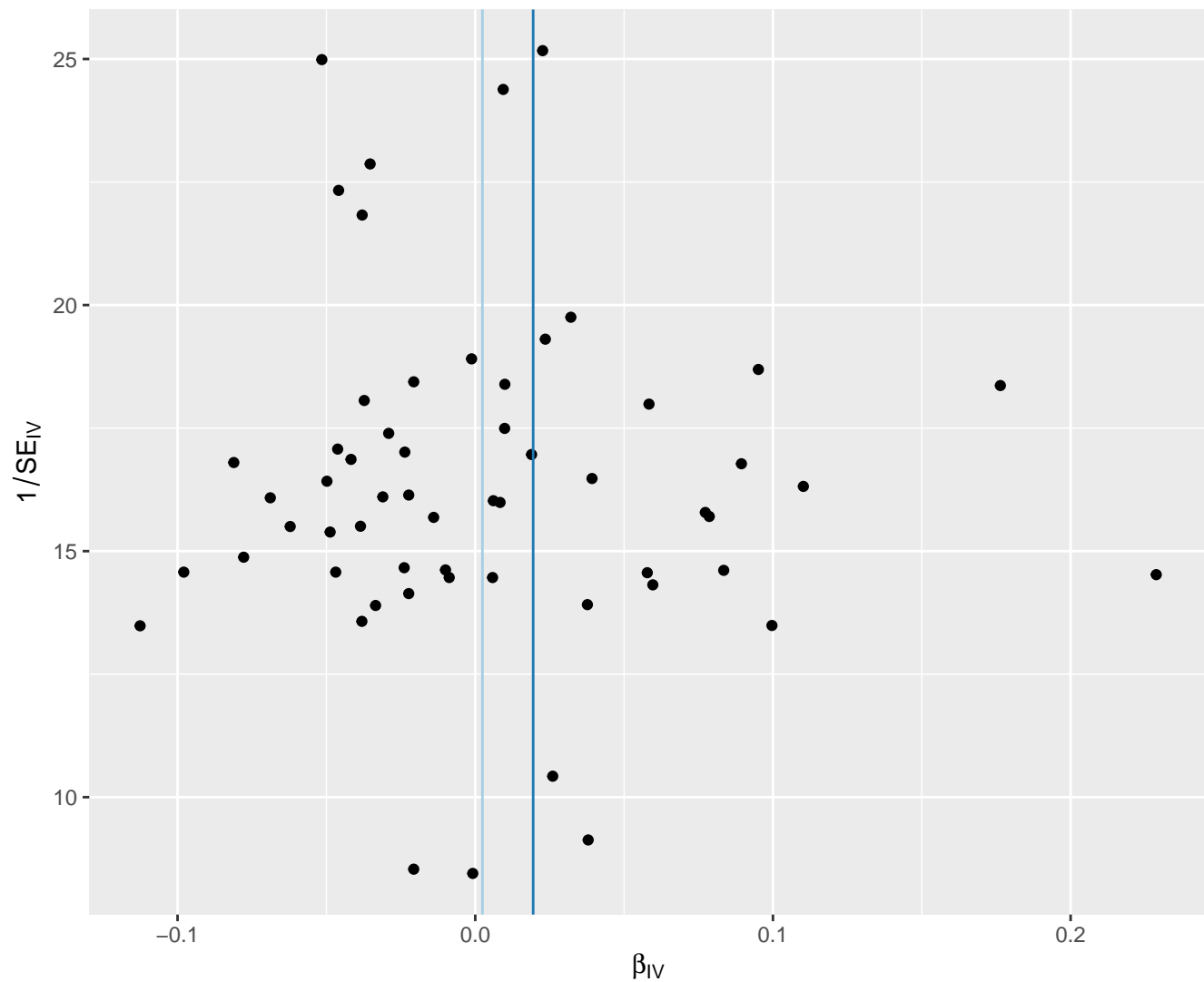
X-12798

MR Method



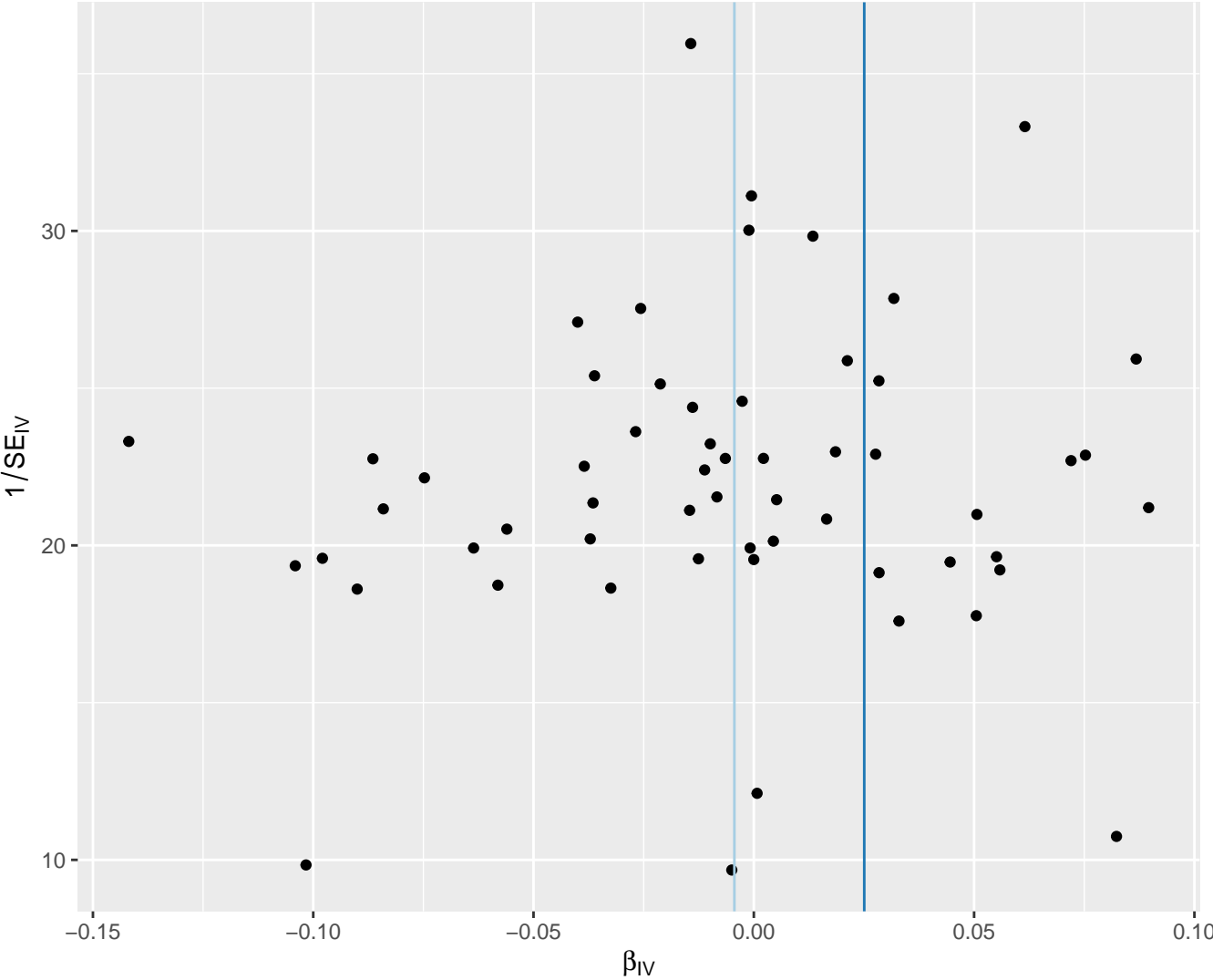
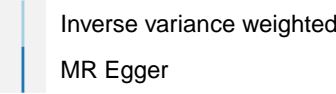
X-12816

MR Method



X-12830

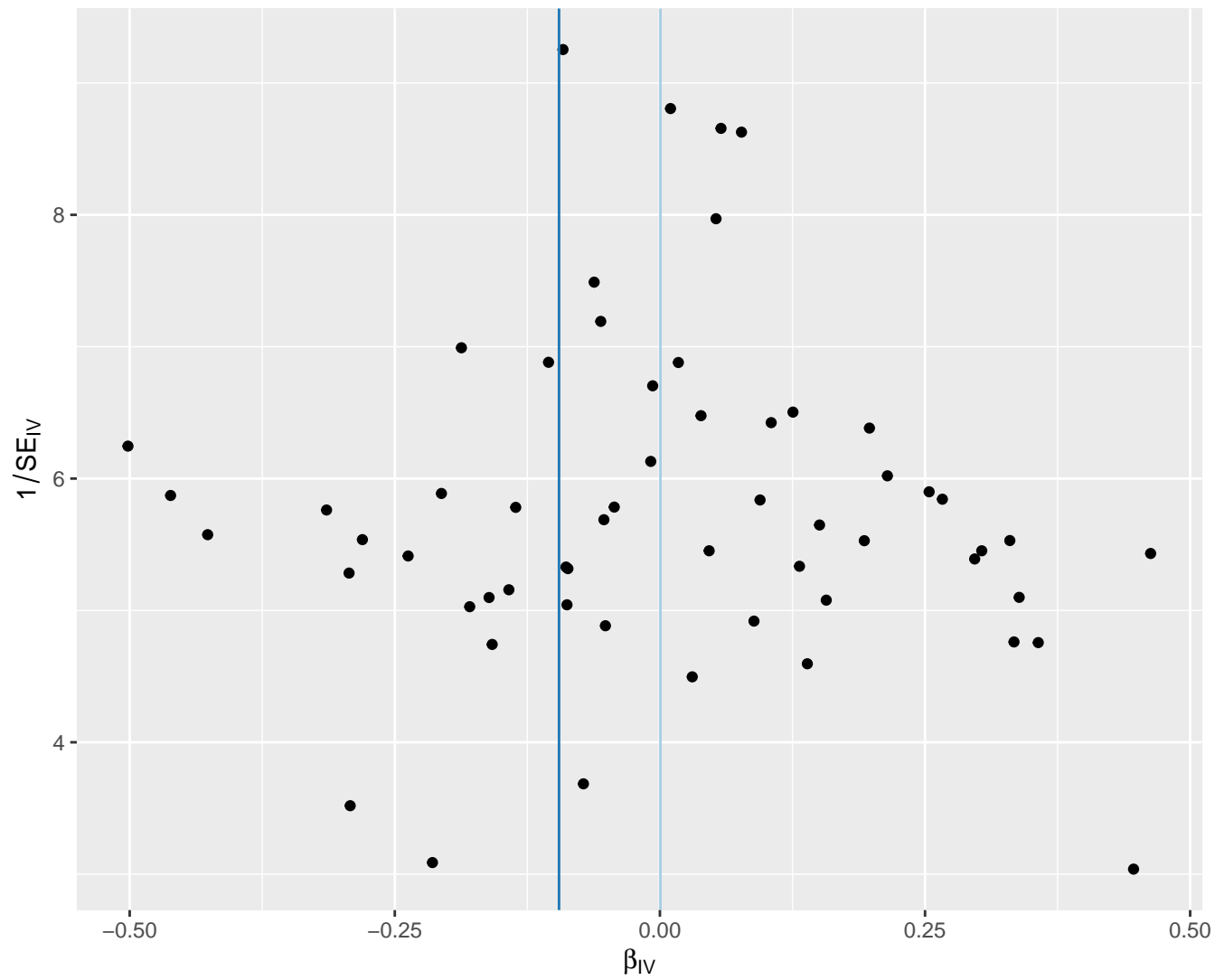
MR Method





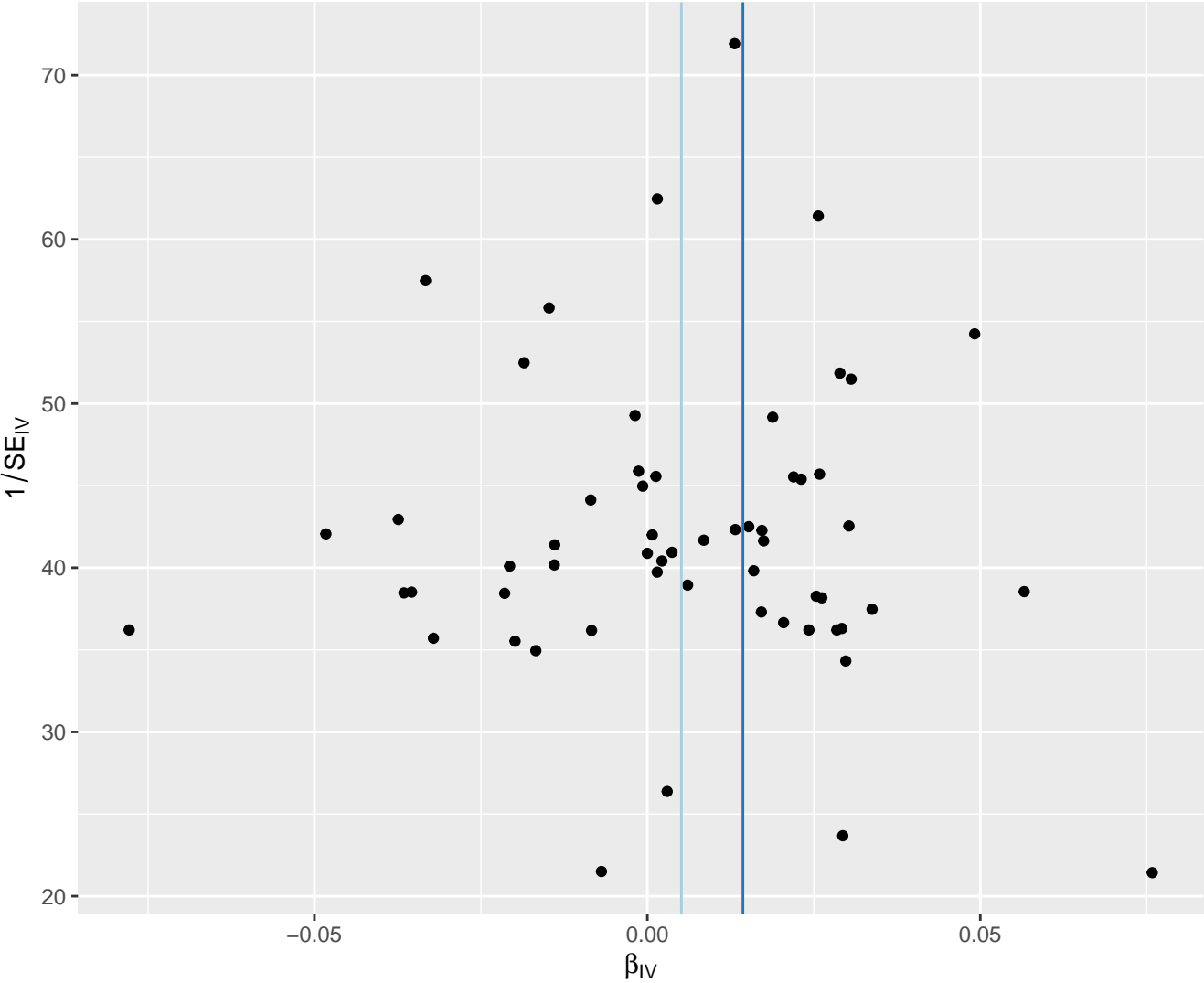
X-12833

MR Method



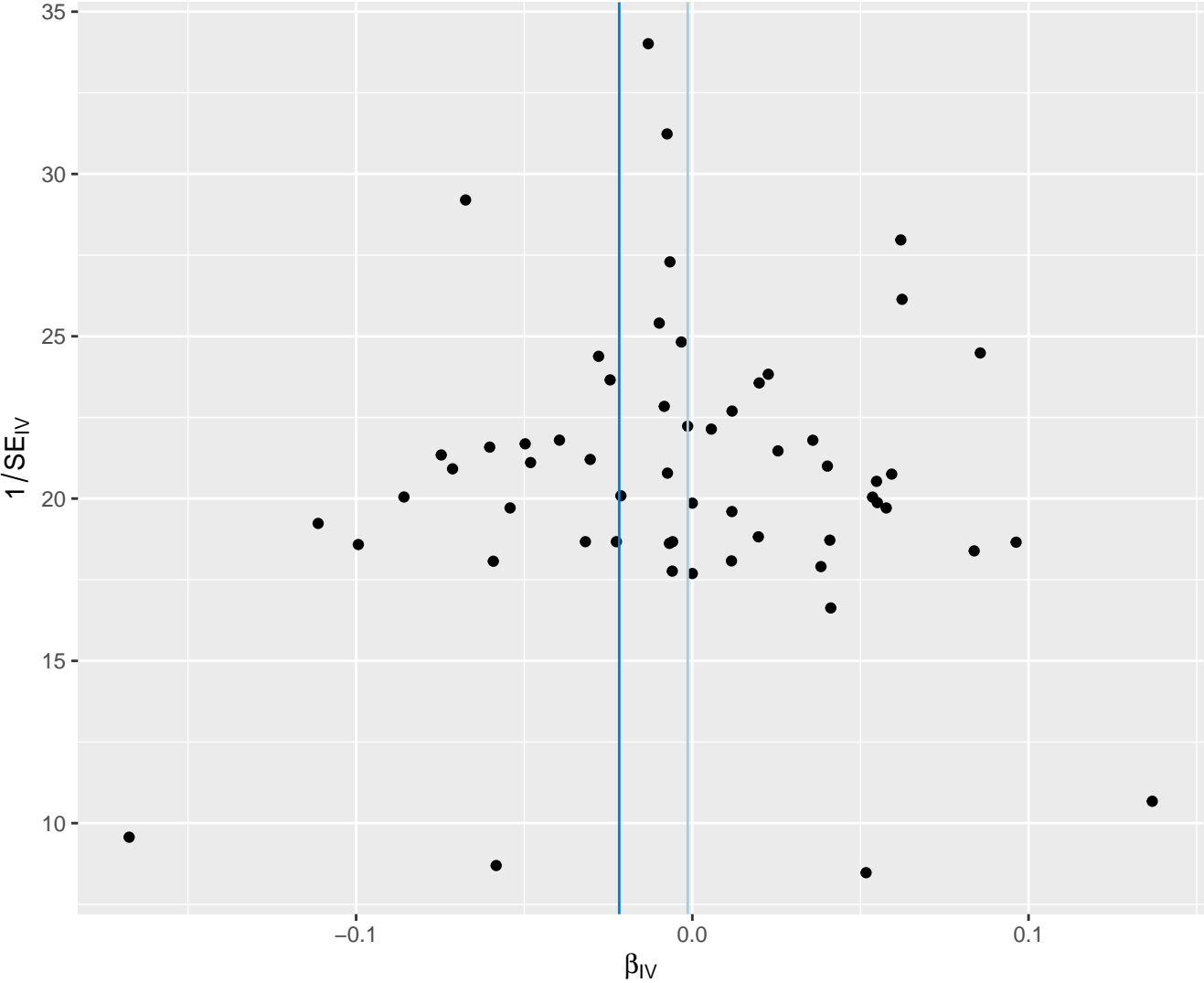
X-12844

MR Method



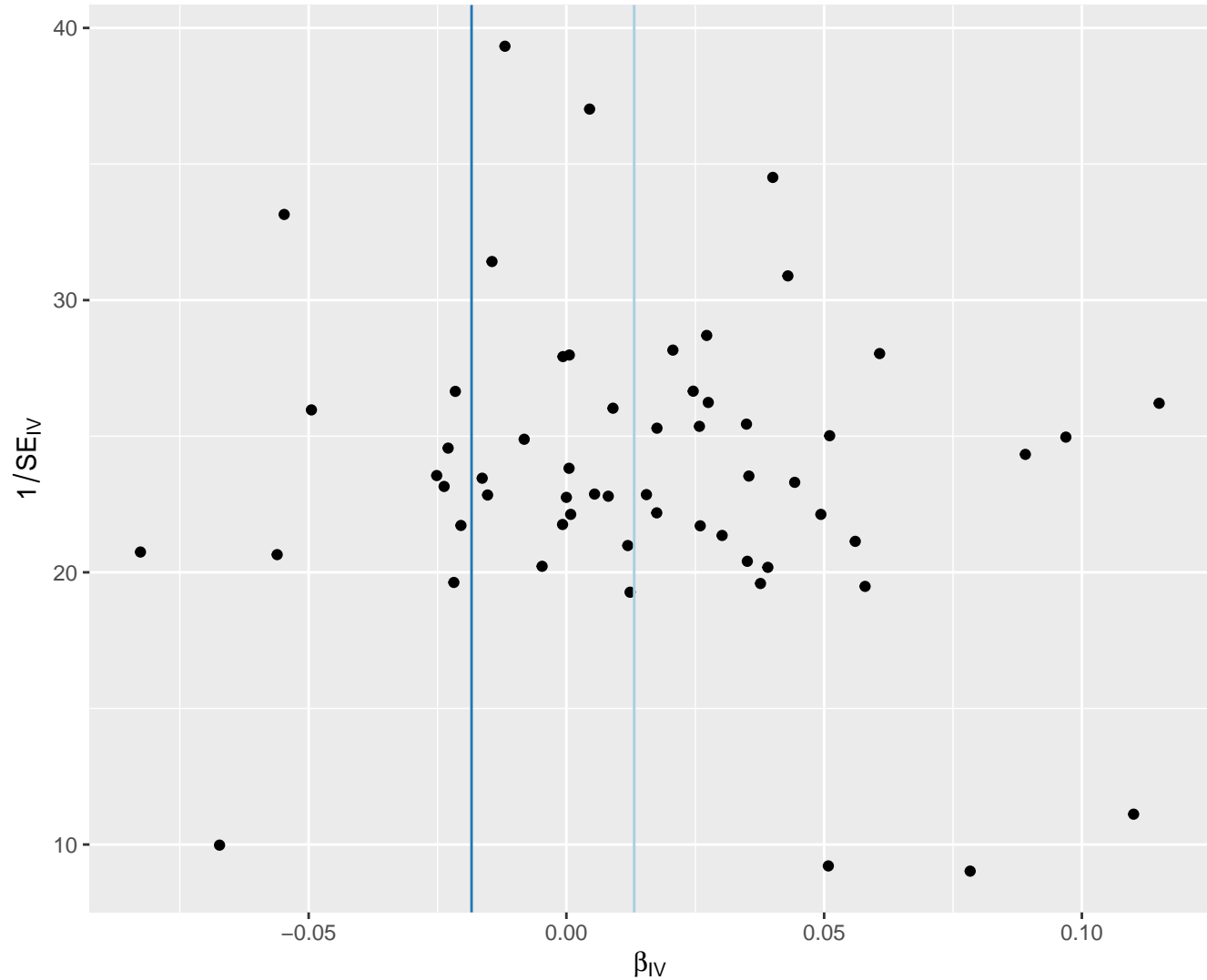
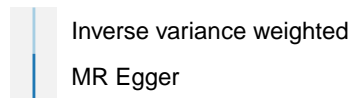
X-12847

MR Method



X-12850

MR Method

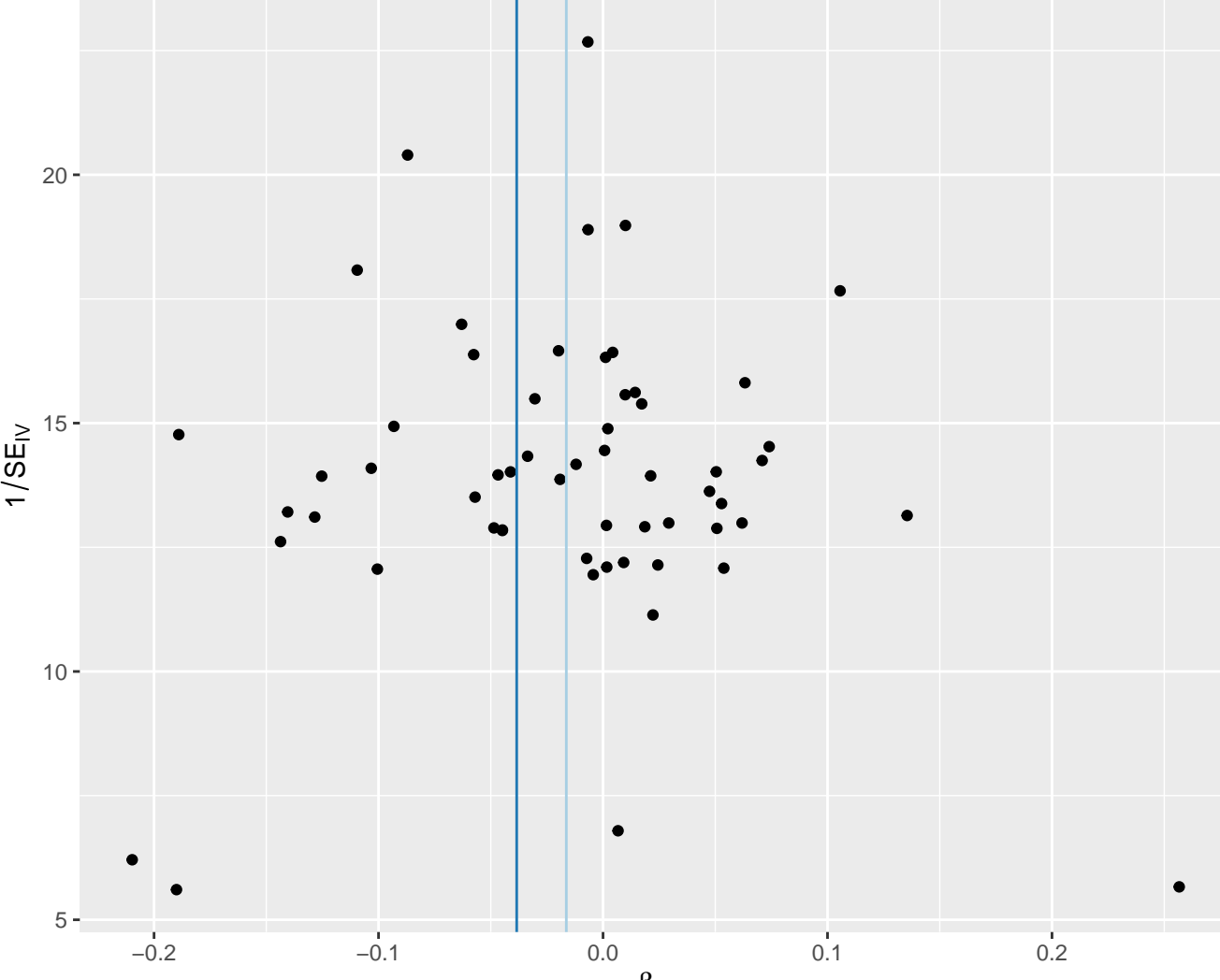


# X-12851

## MR Method

## Inverse variance weighted

MR Egger



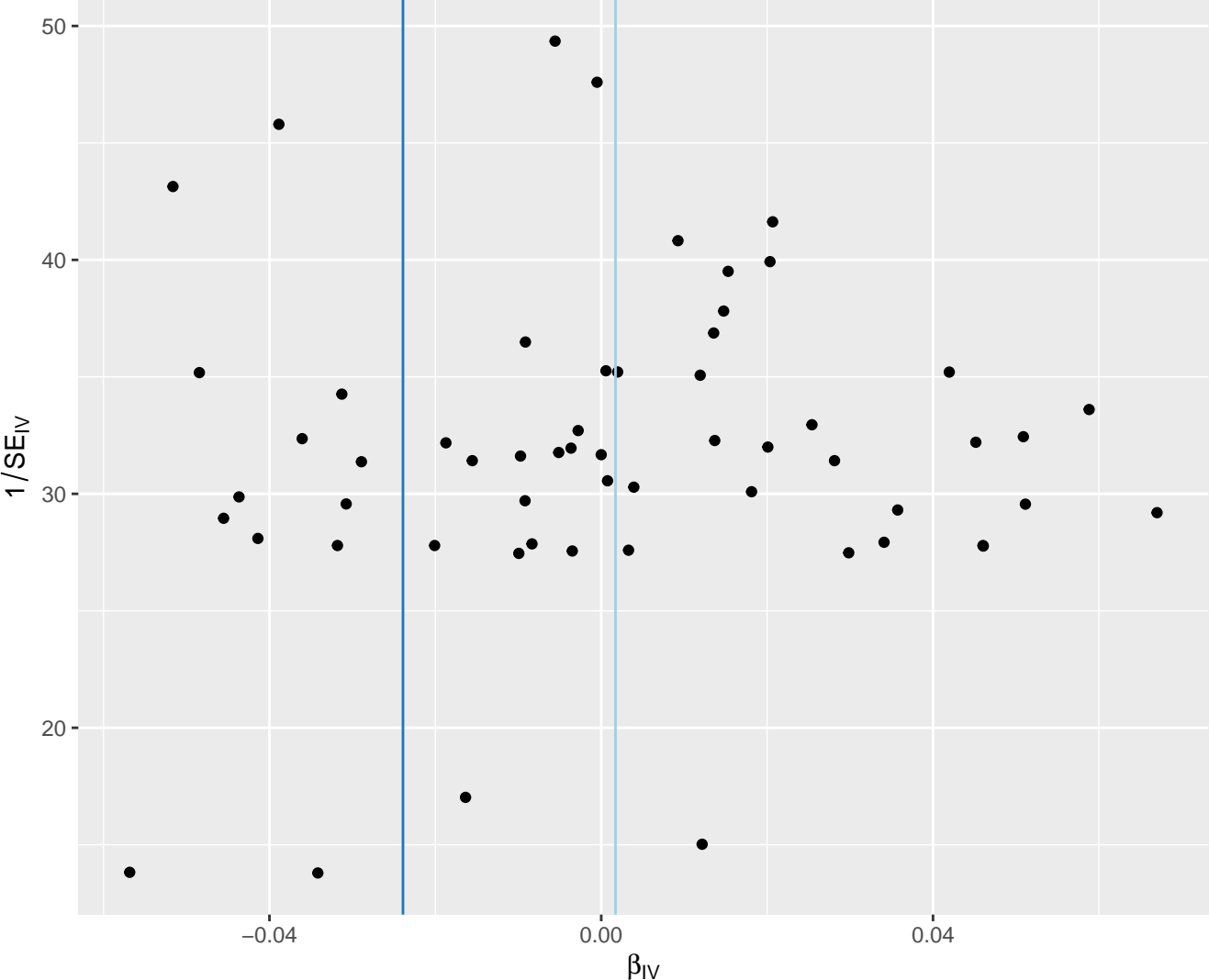
## MR Method

## Inverse variance weighted

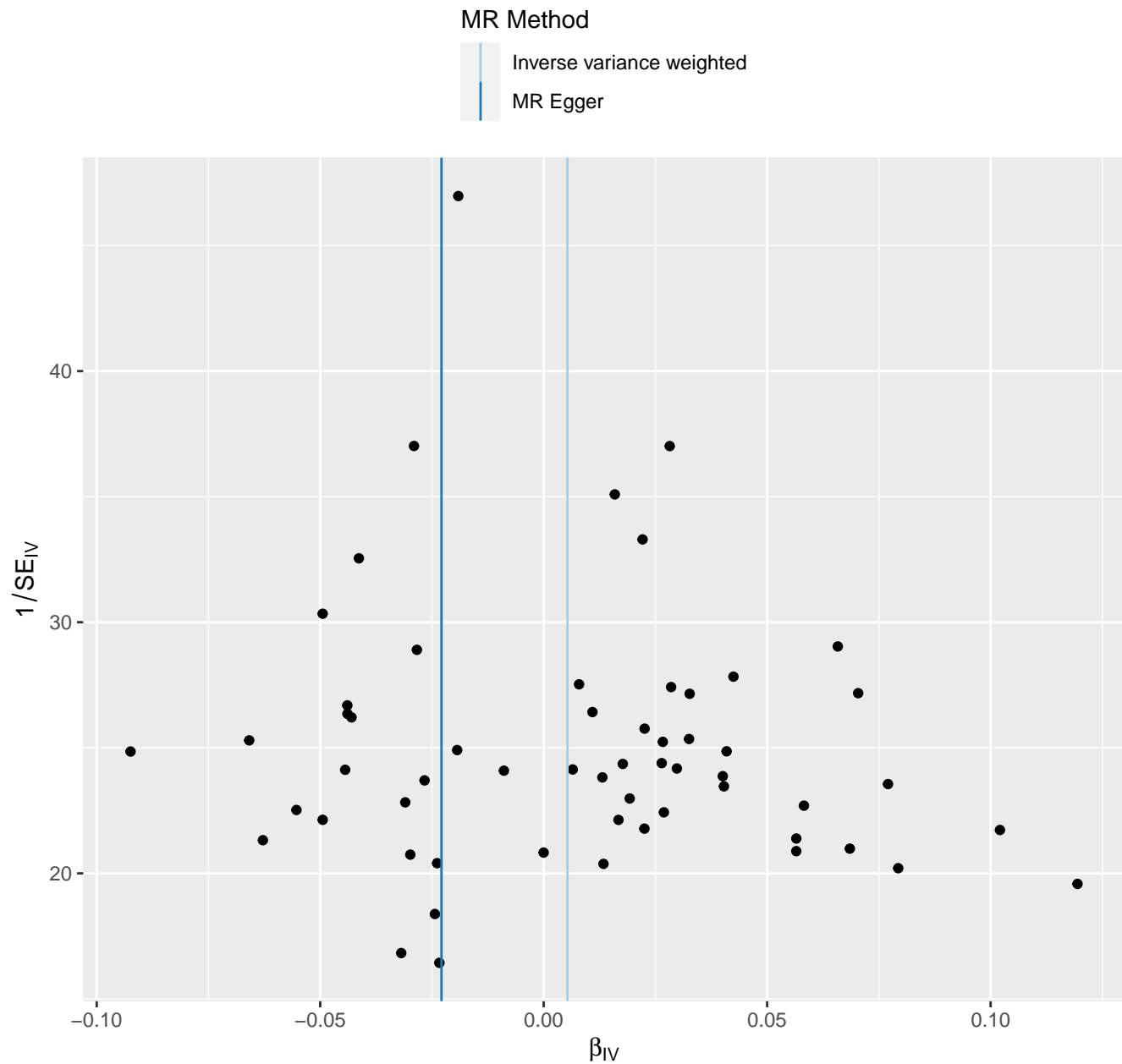
MR Egger

X-12855

MR Method

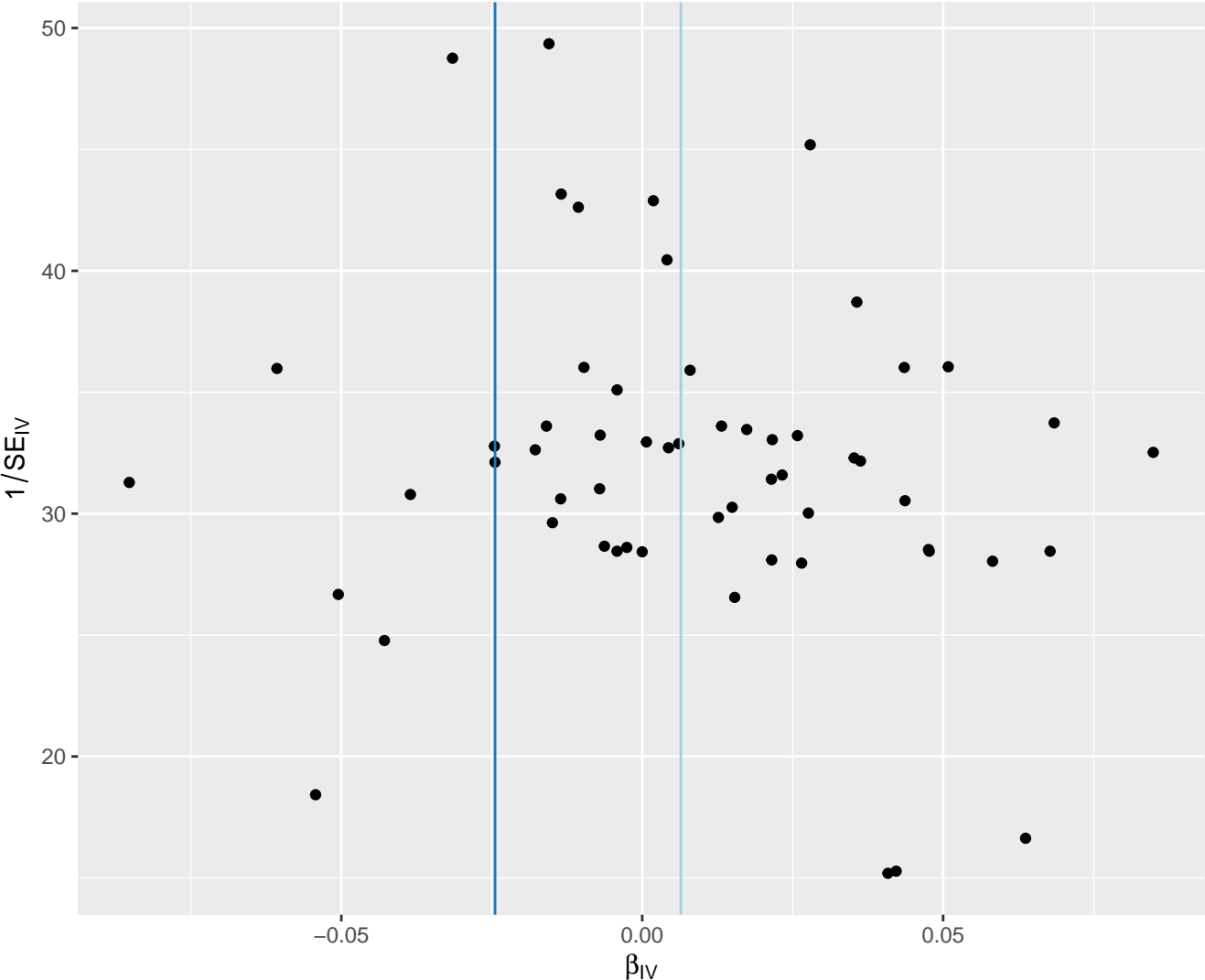


# X-12990--docosapentaenoic acid (n6-DPA)



X-13069

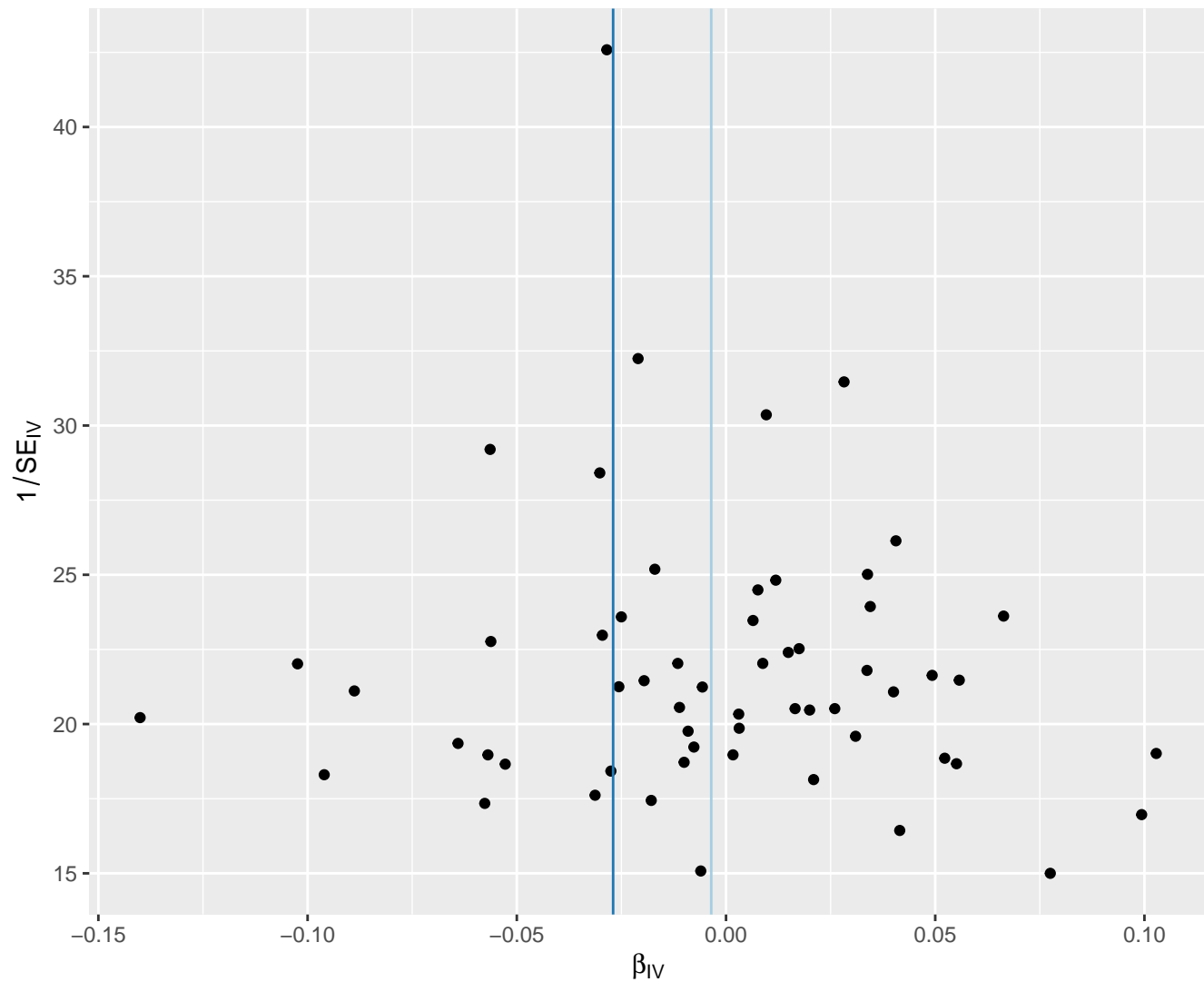
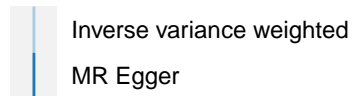
MR Method





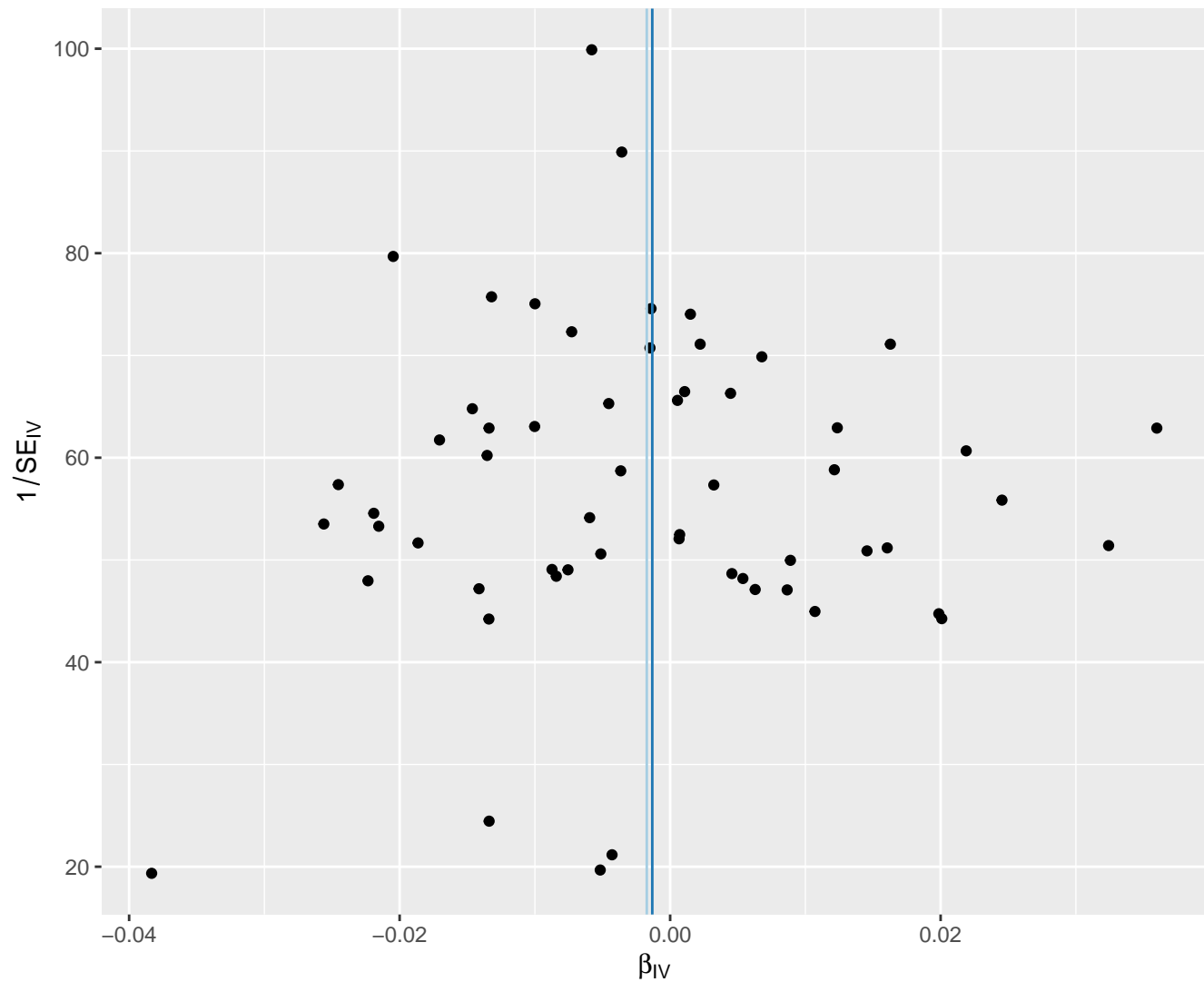
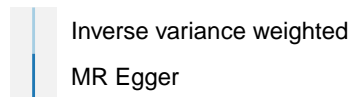
# X-13183--stearamide

MR Method



X-13215

MR Method

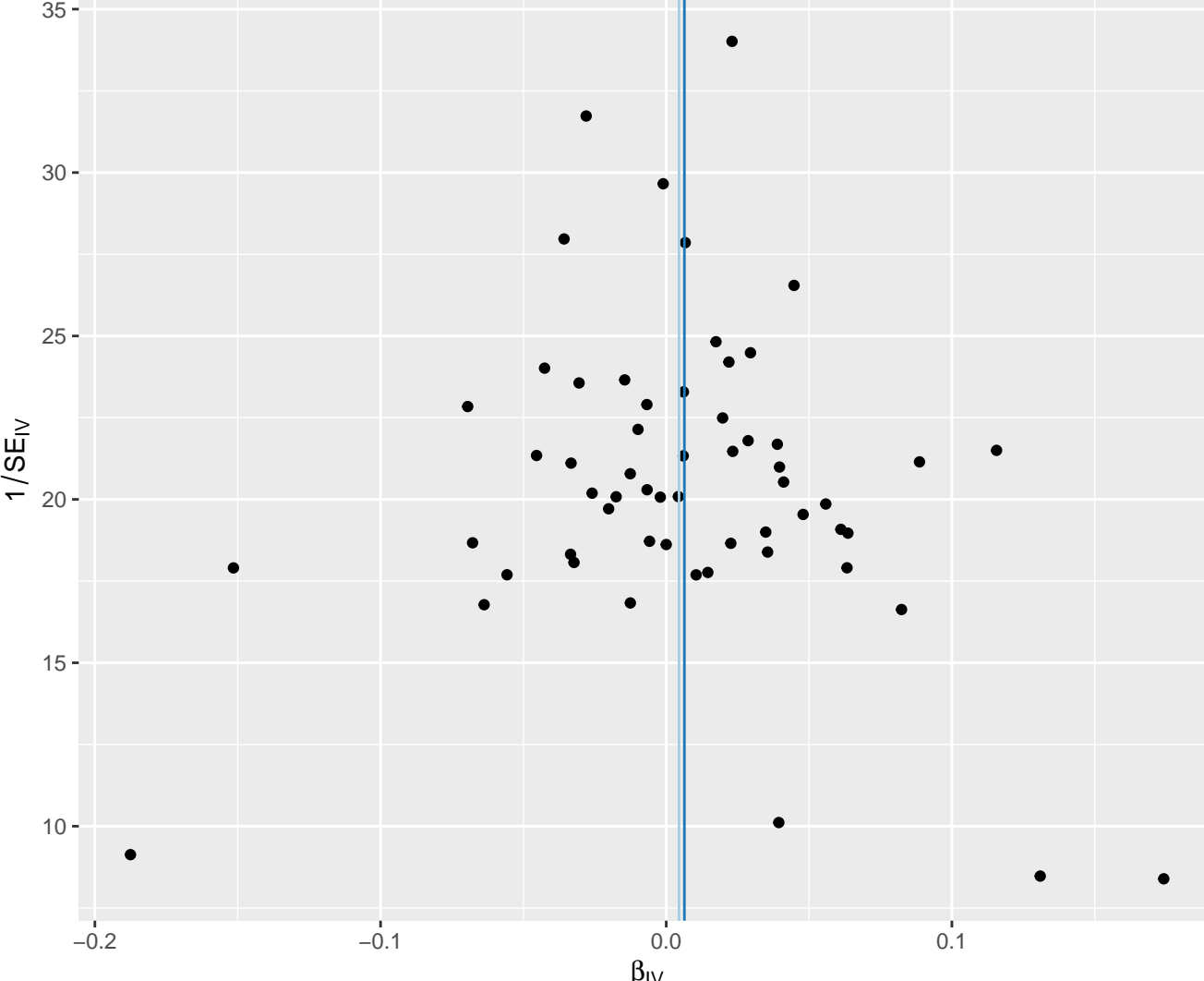


# X-13429

## MR Method

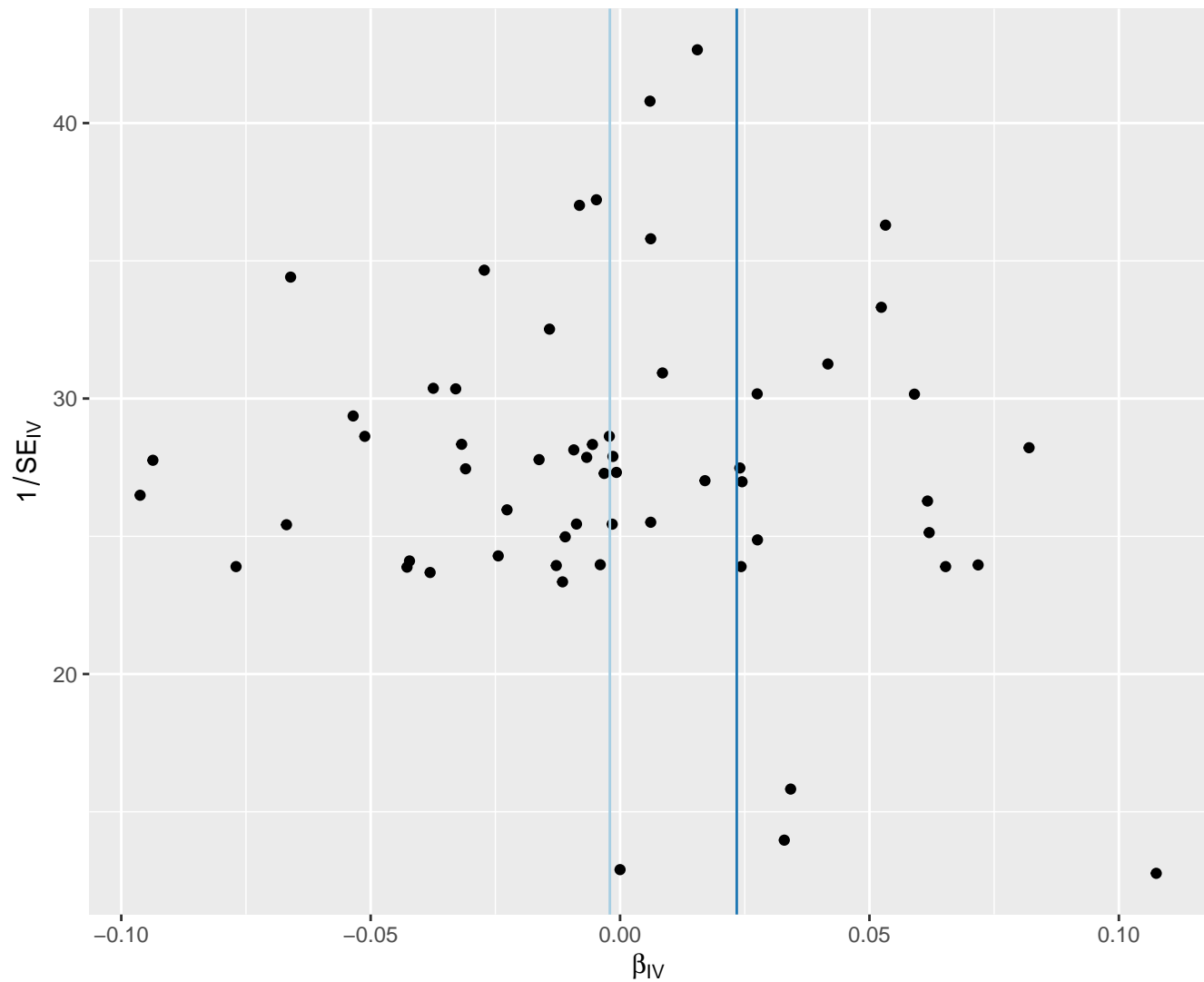
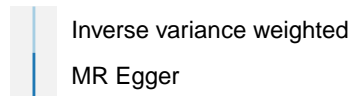
## Inverse variance weighted

MR Egger

 $\beta_{IV}$

# X-13431--nonanoylcarnitine\*

MR Method



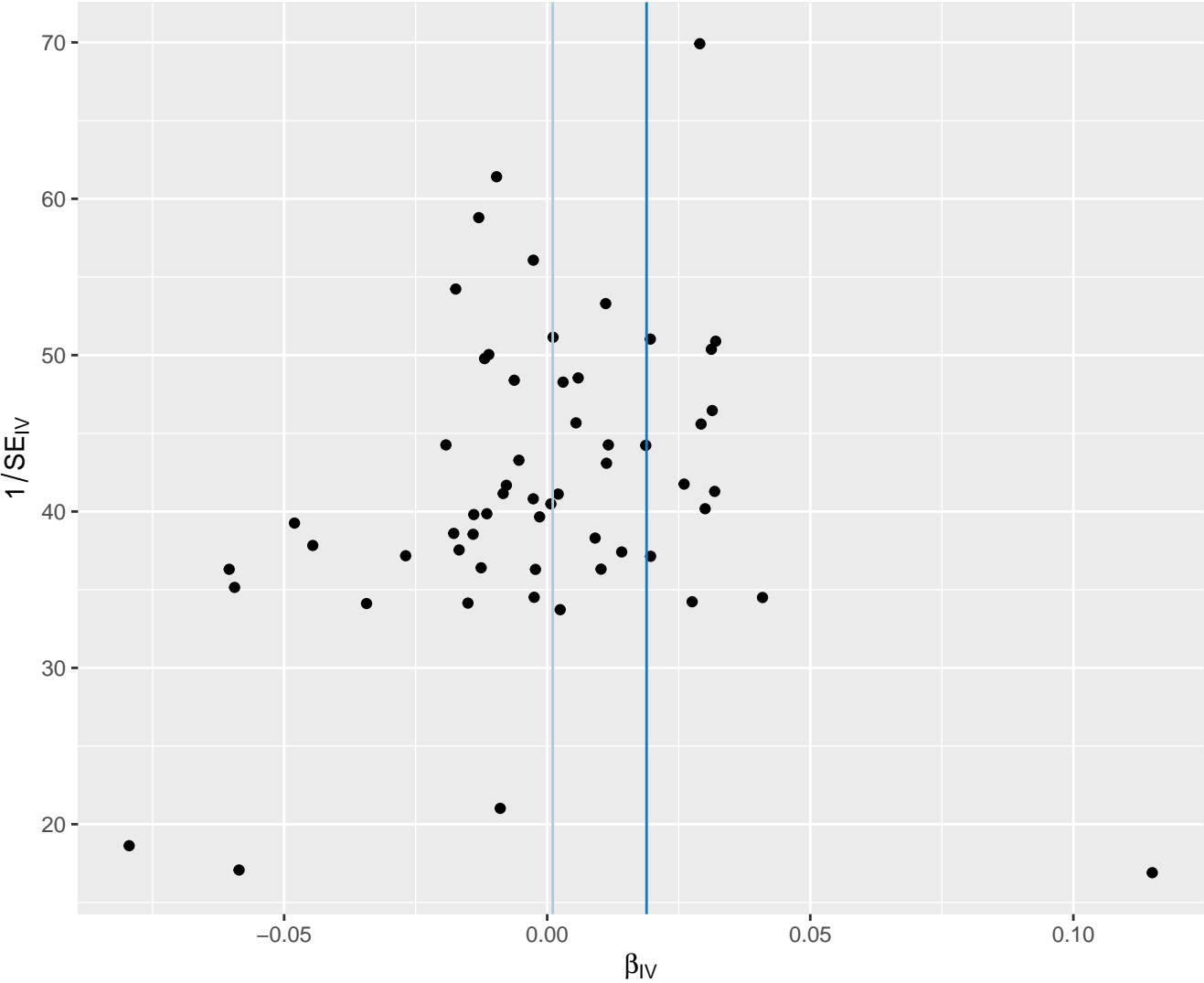
X-13435

MR Method



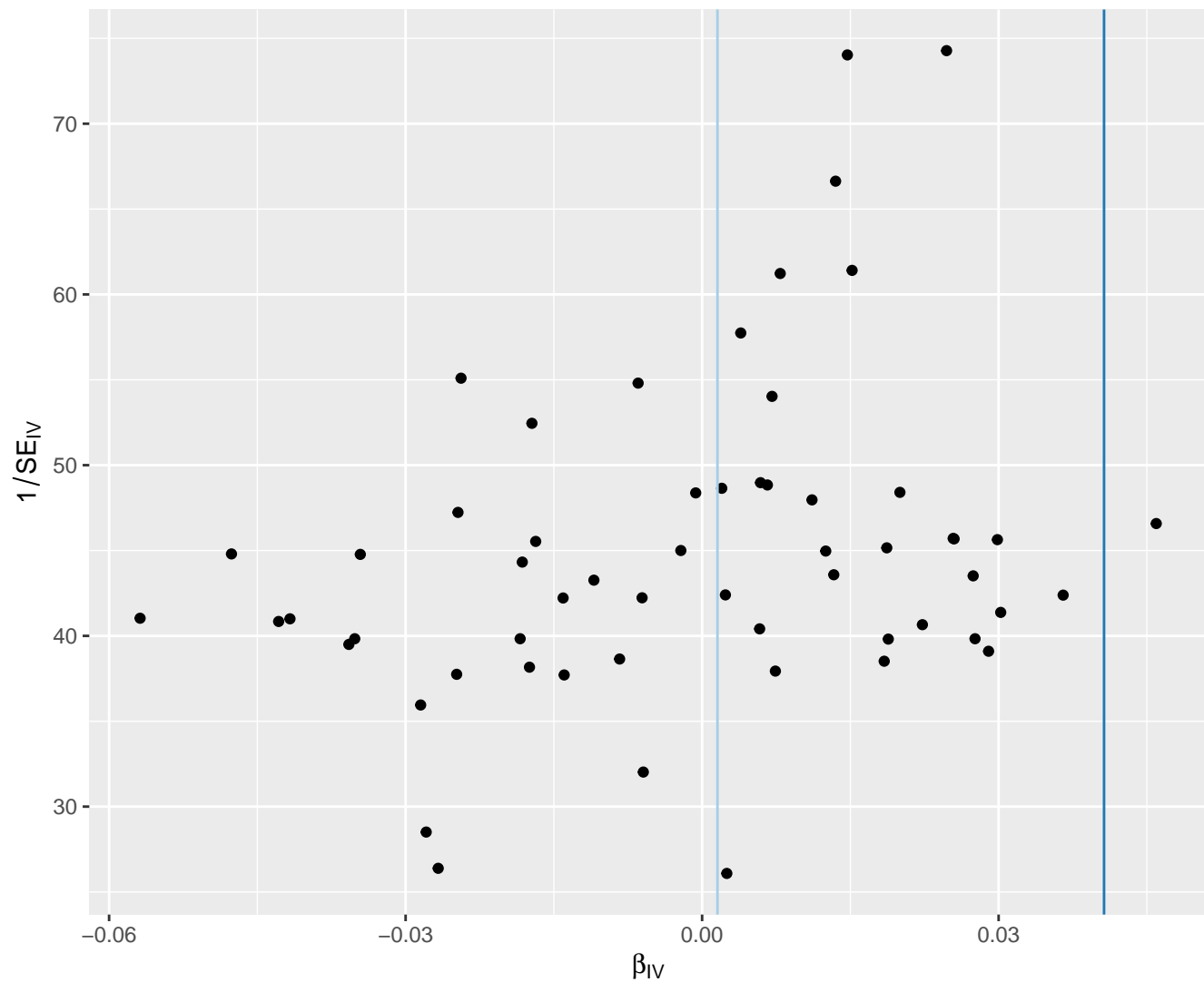
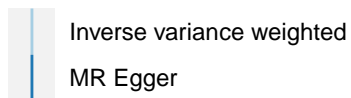
Inverse variance weighted

MR Egger



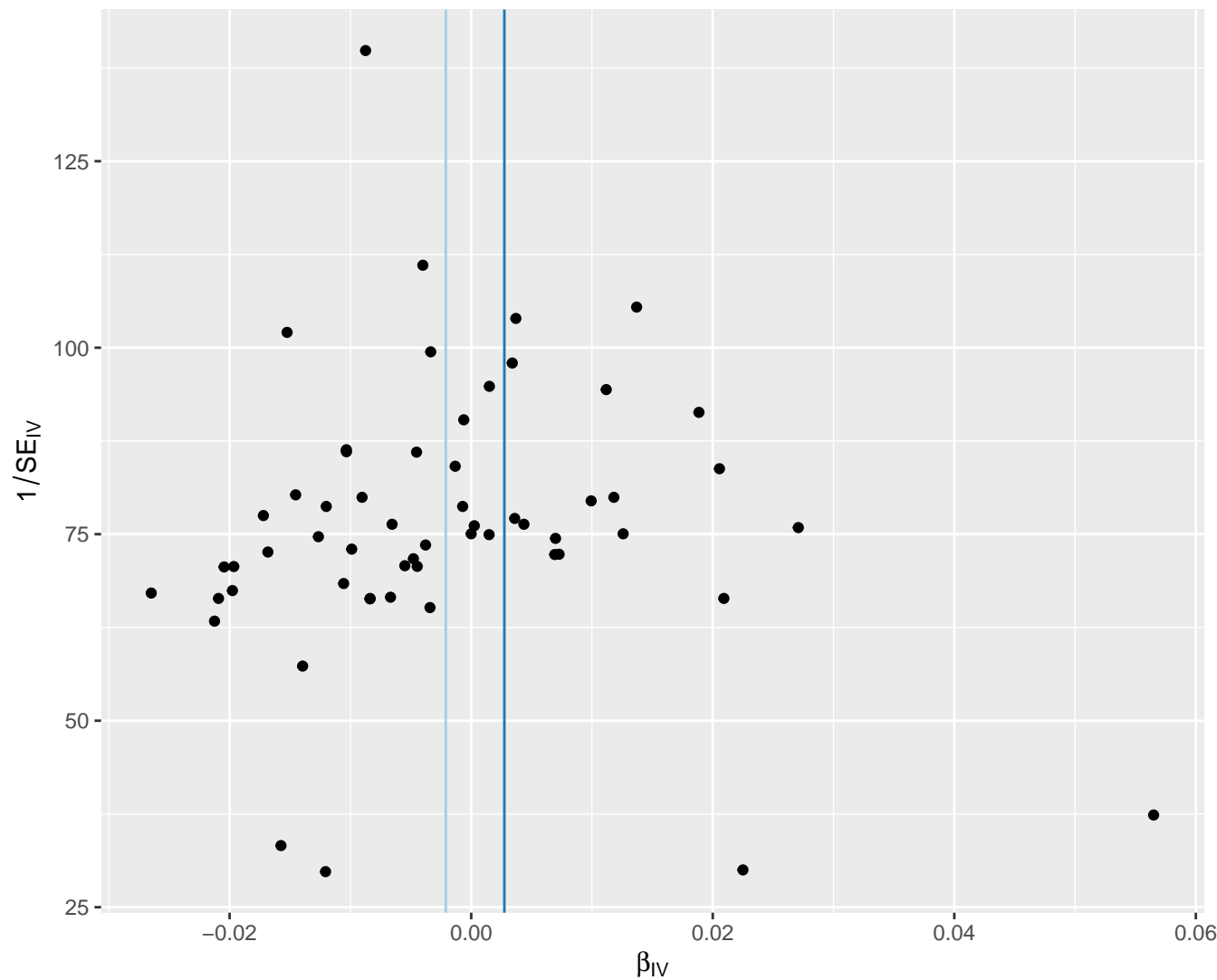
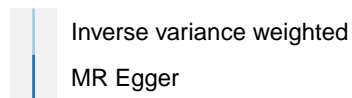
X-13477

MR Method



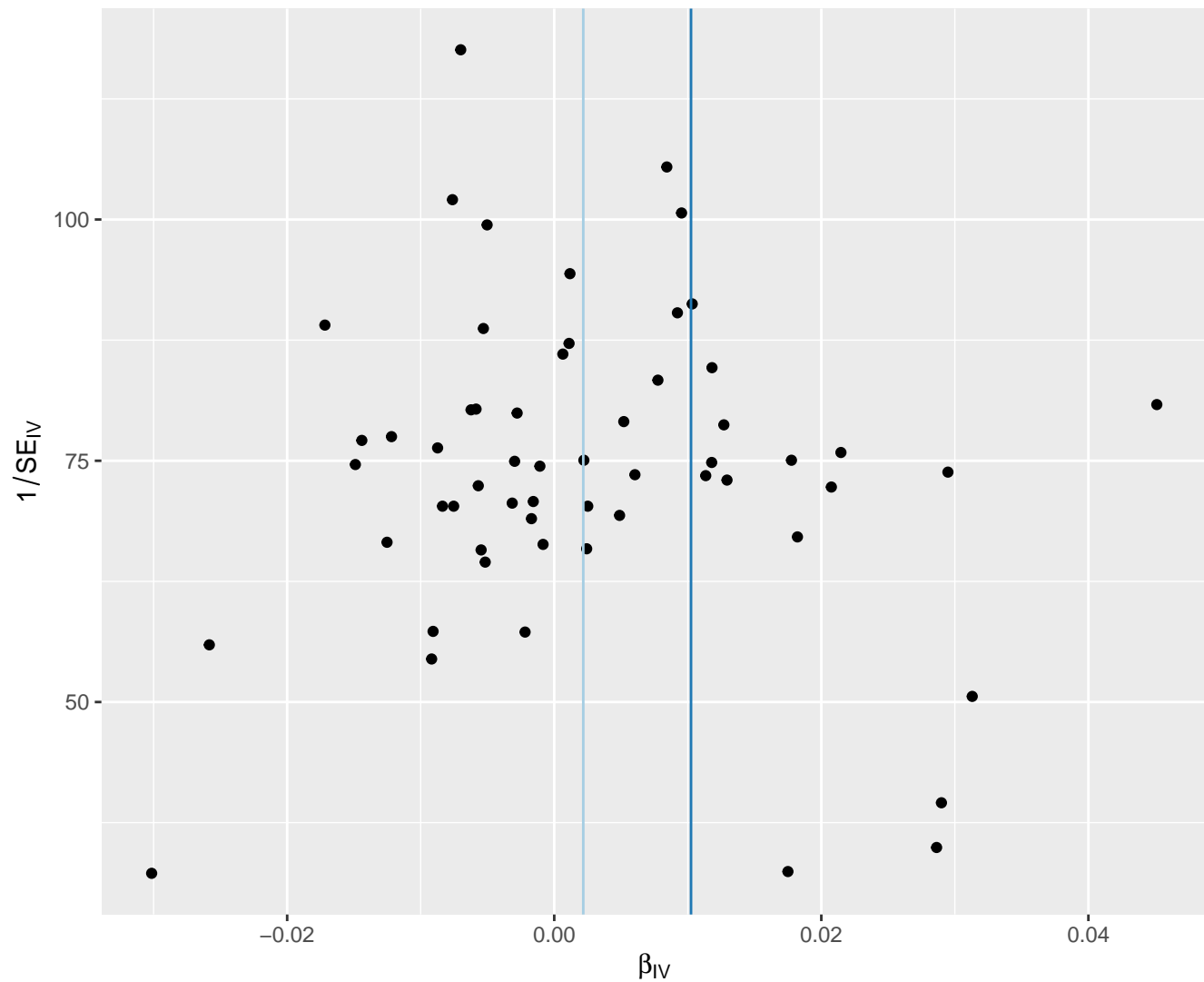
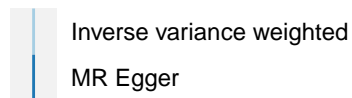
X-13496

MR Method



X-13548

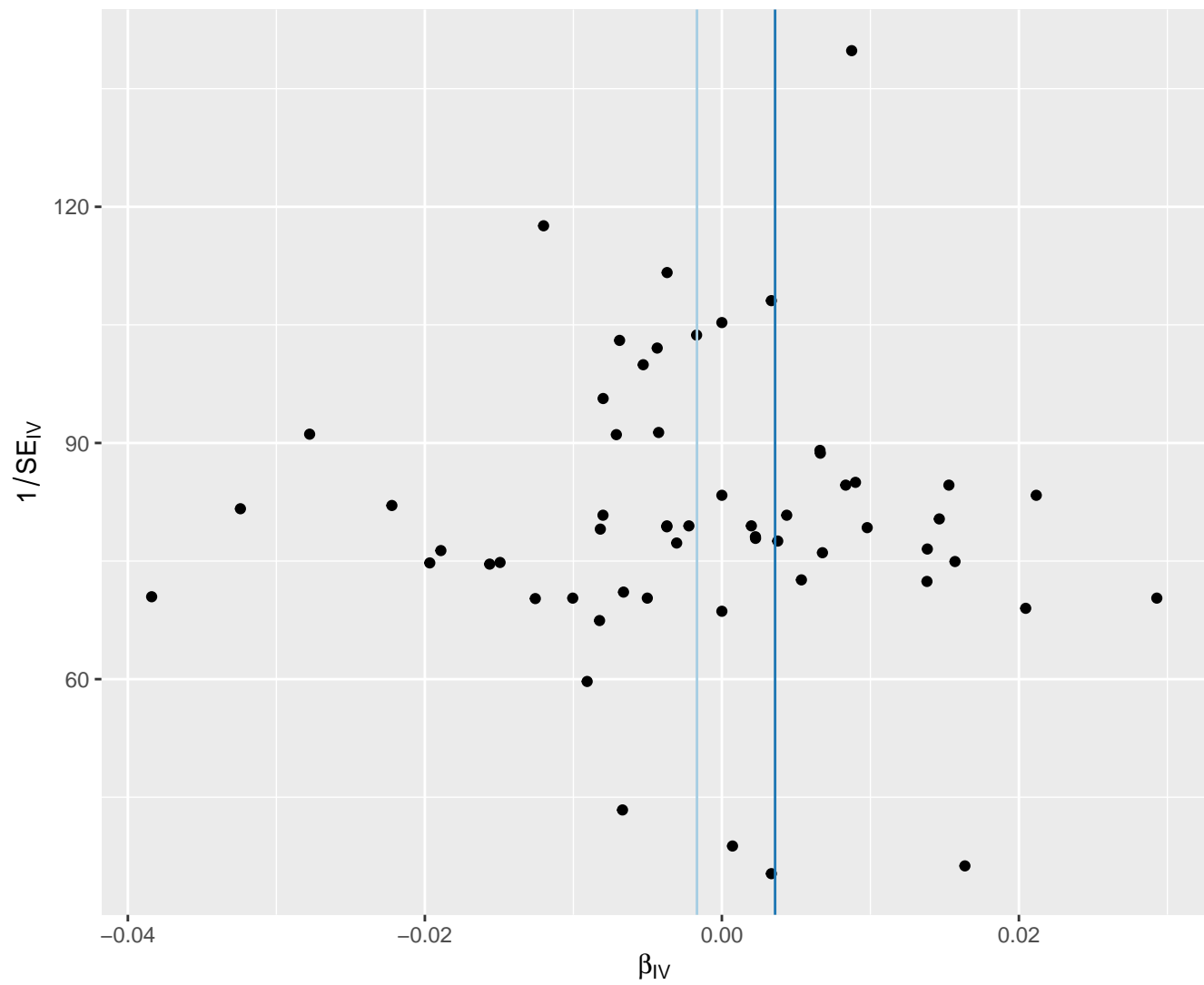
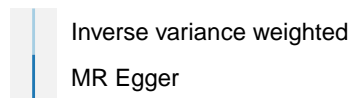
MR Method





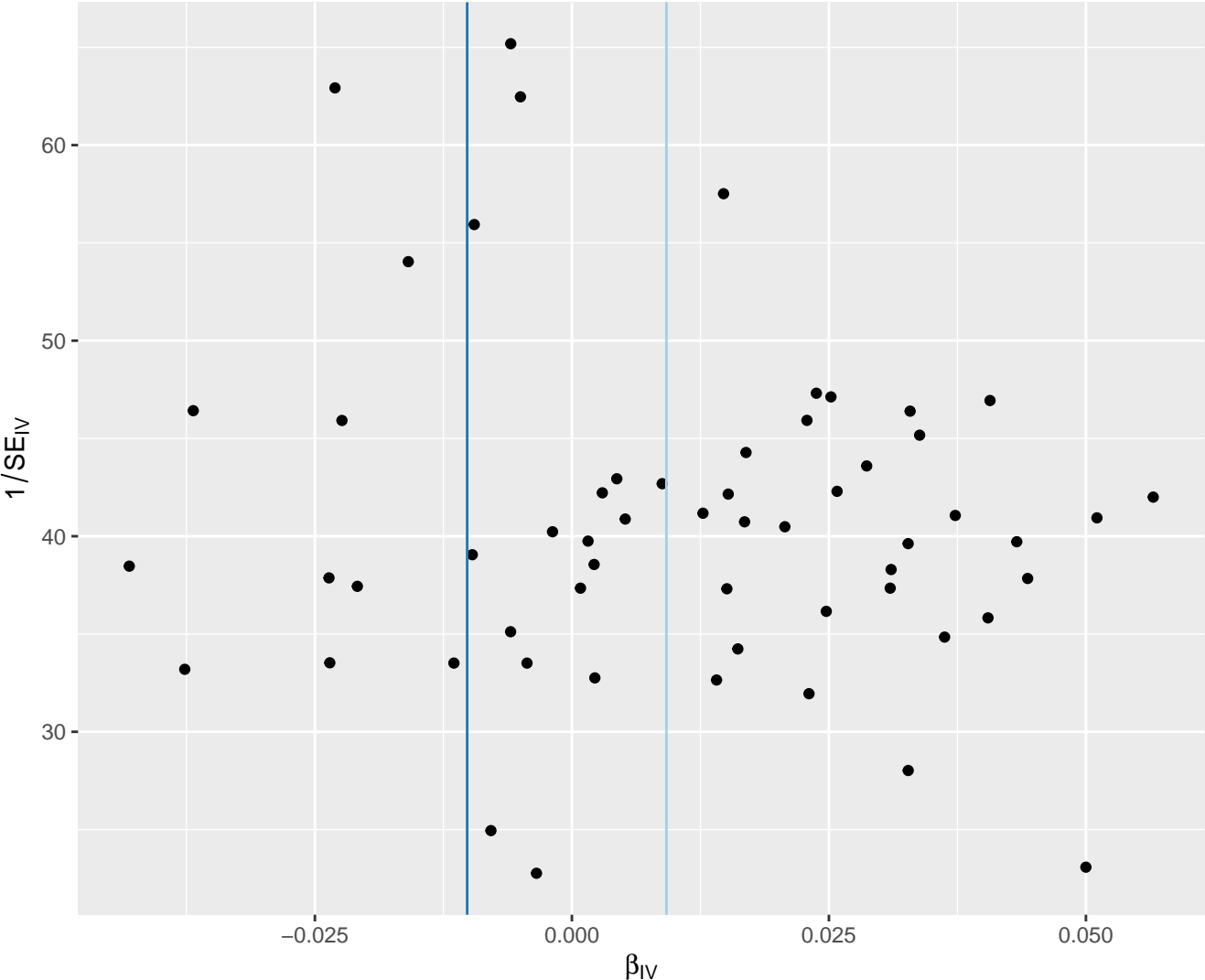
X-13549

MR Method



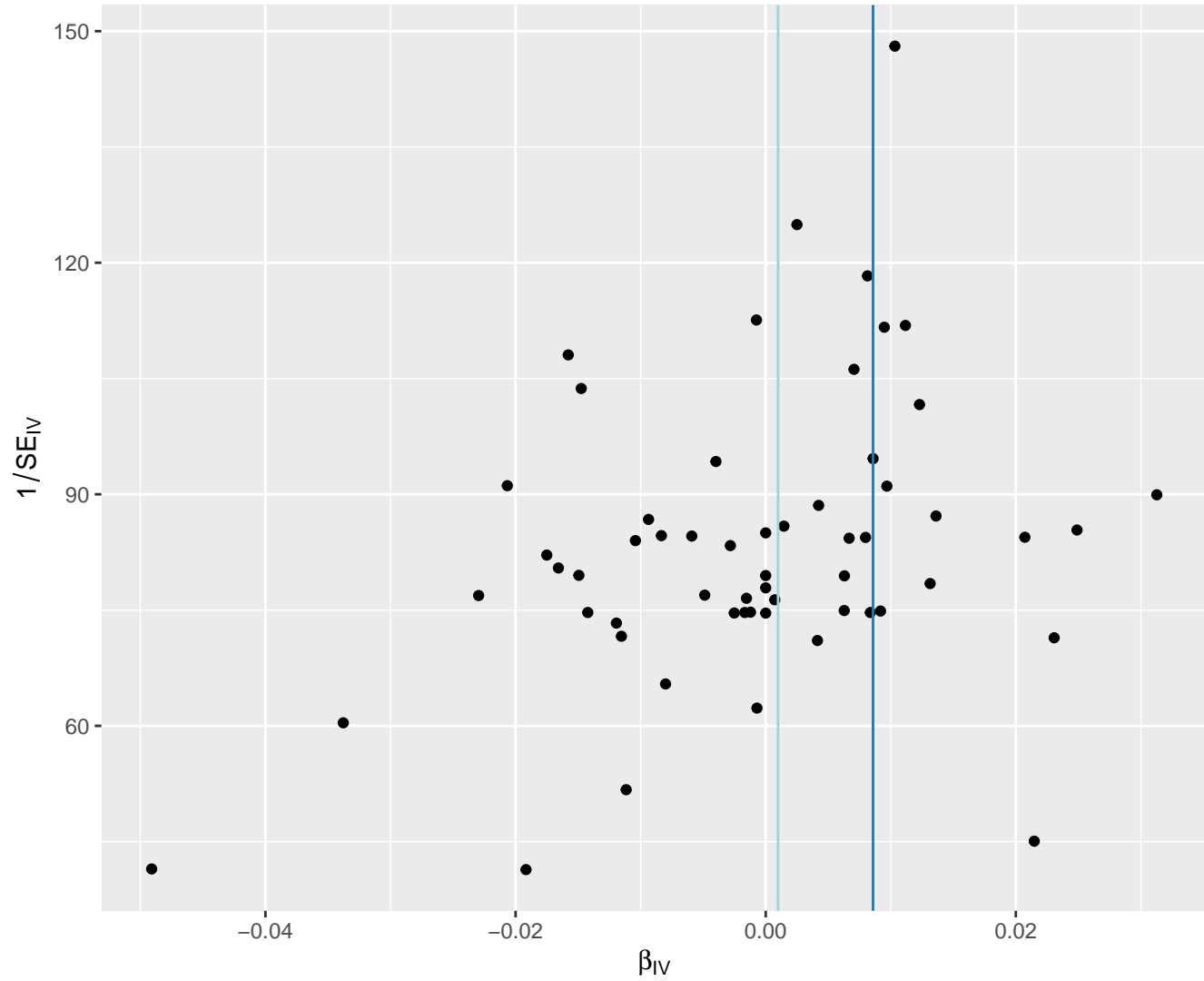
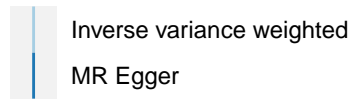
X-13553

MR Method



X-13619

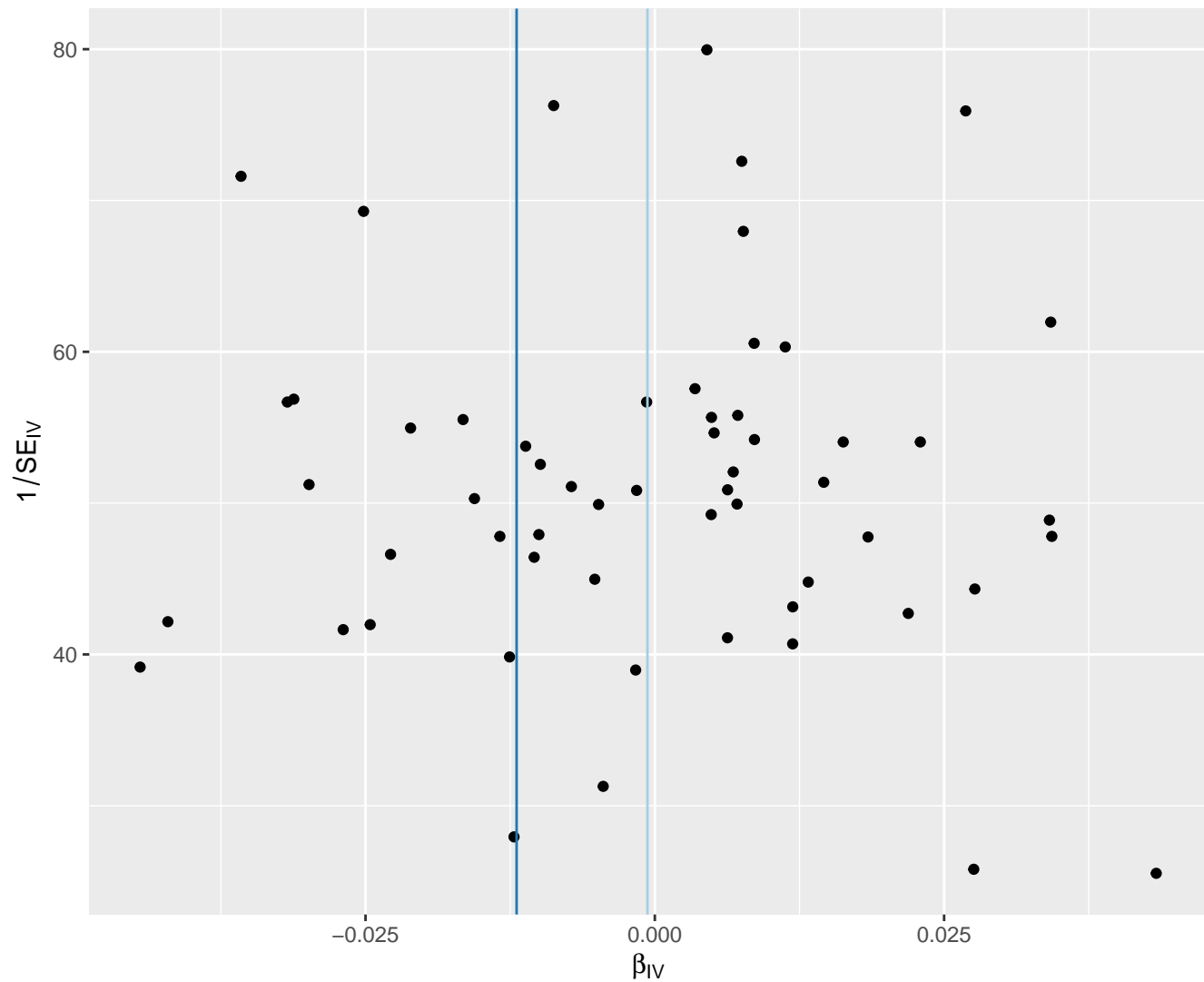
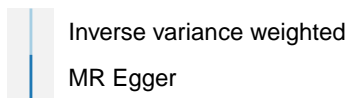
MR Method





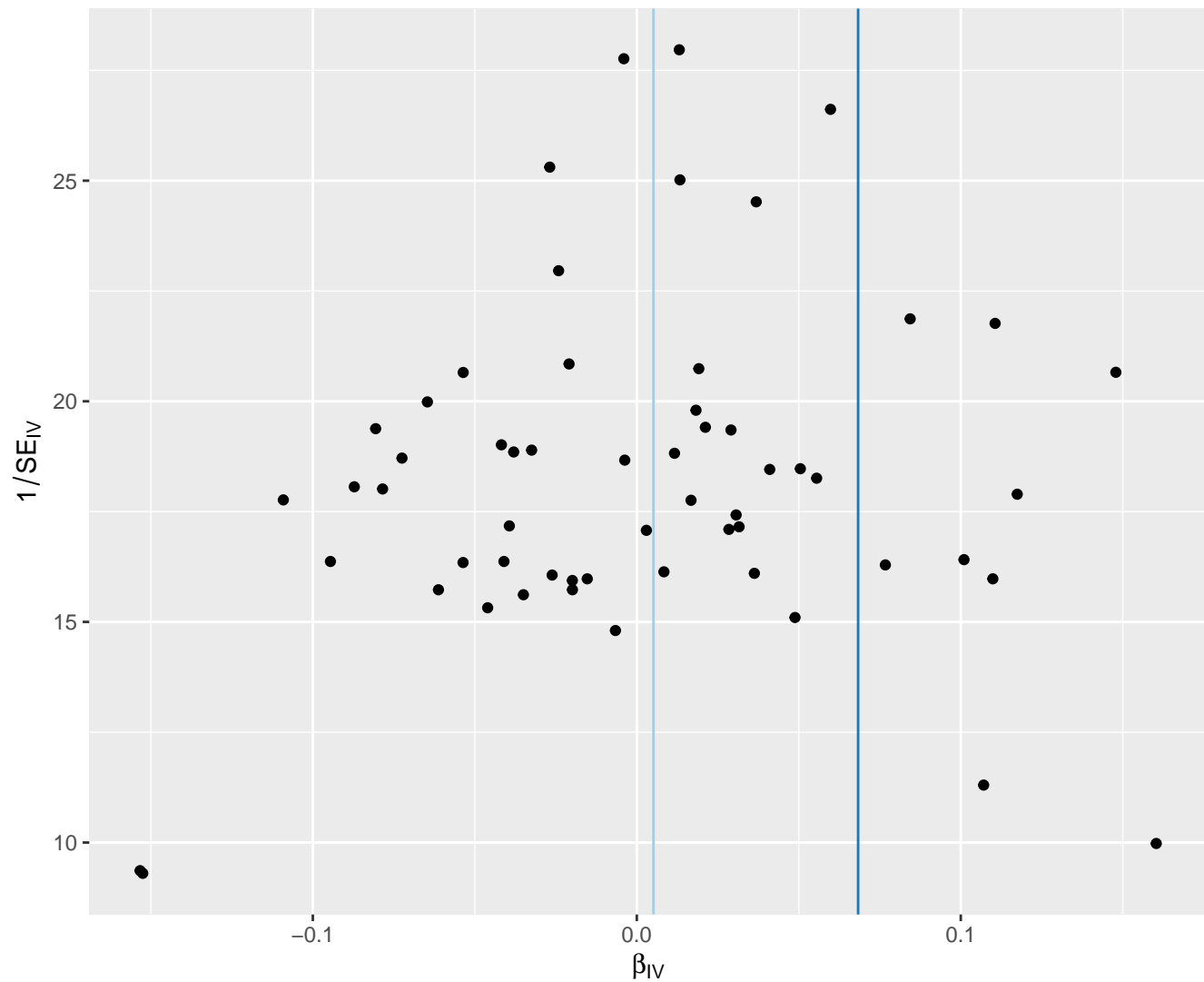
X-13671

MR Method



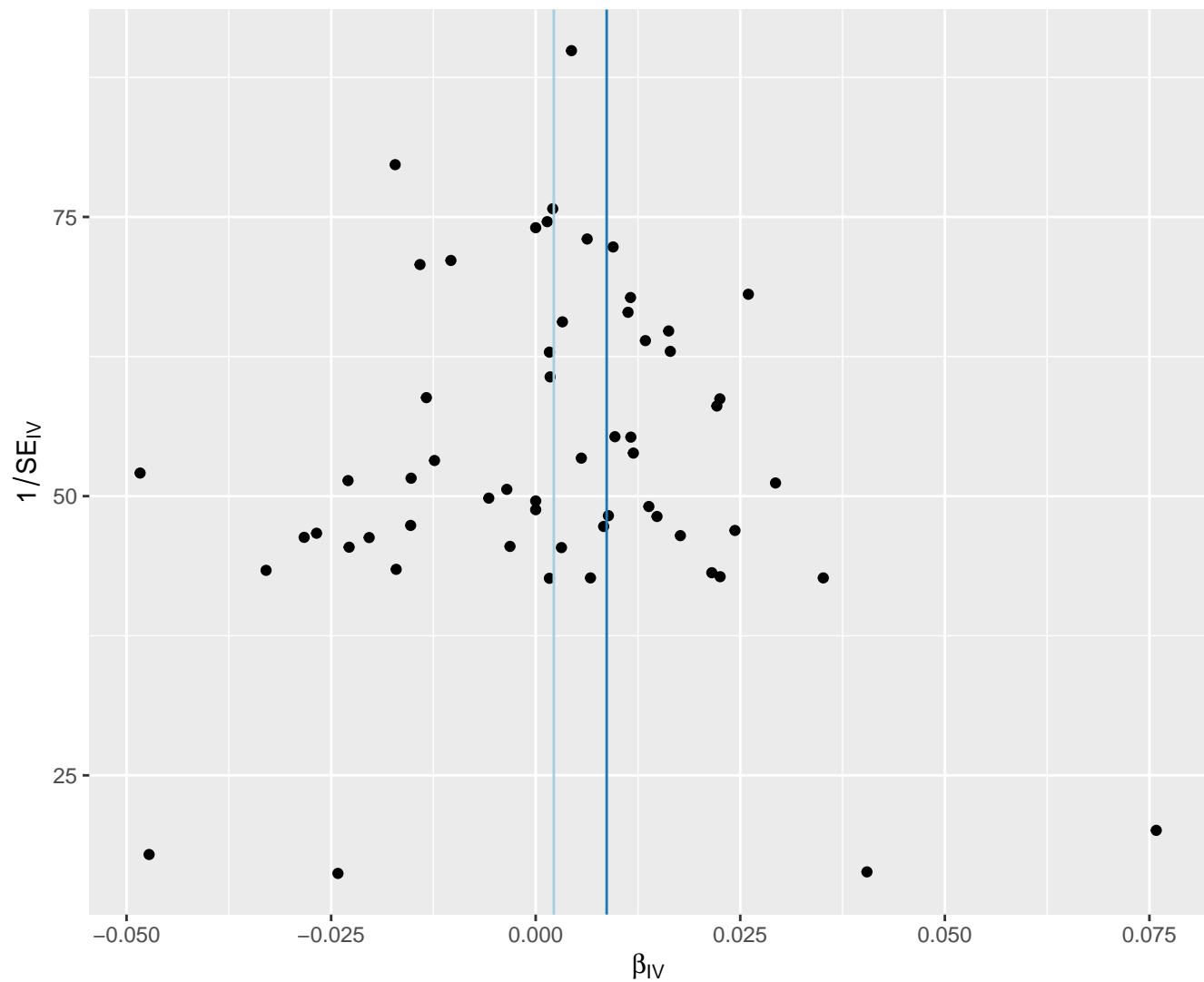
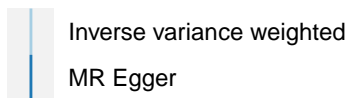
X-13741

MR Method



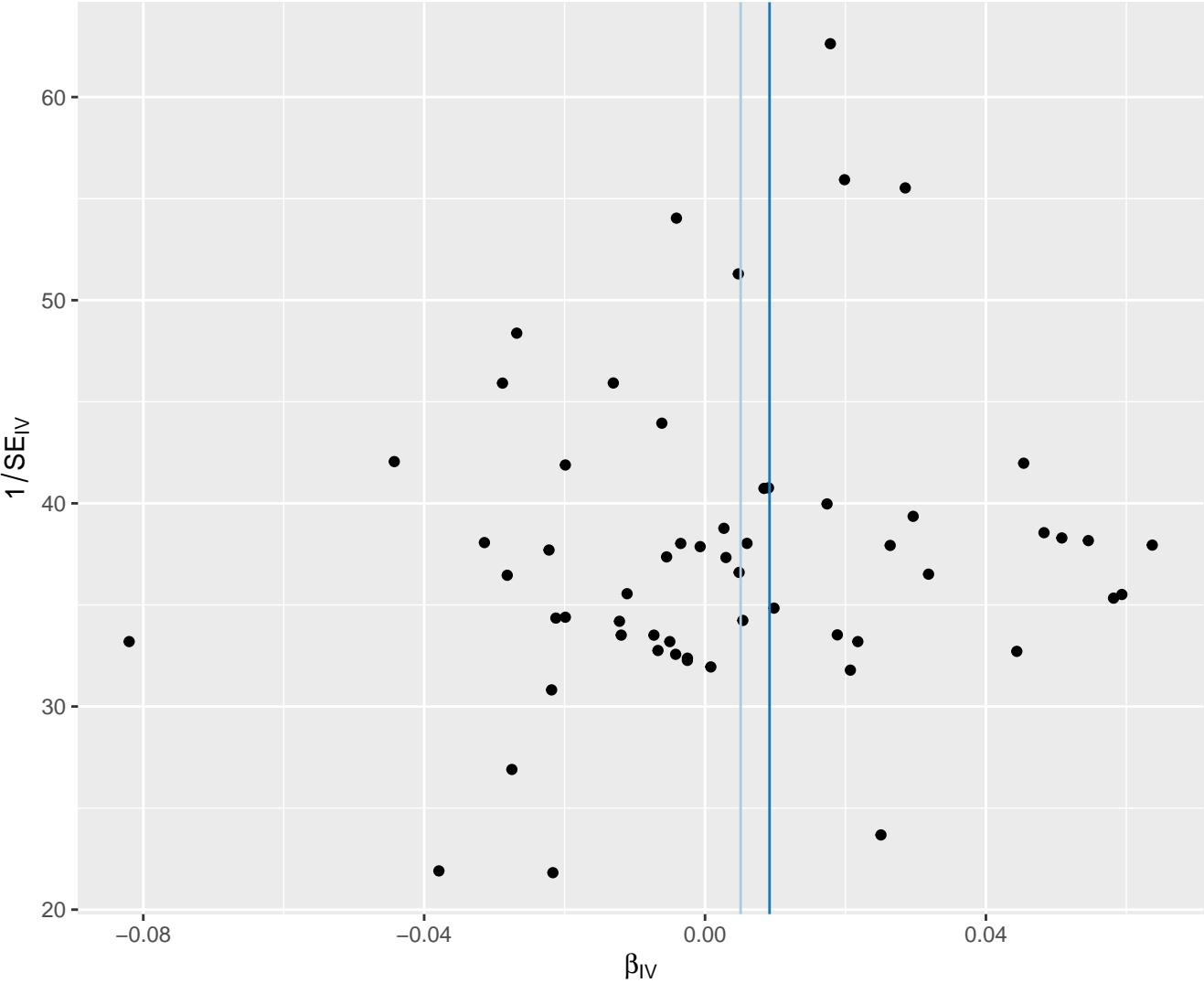
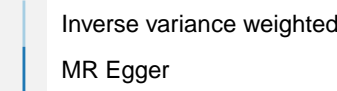
X-13859

MR Method



X-14056

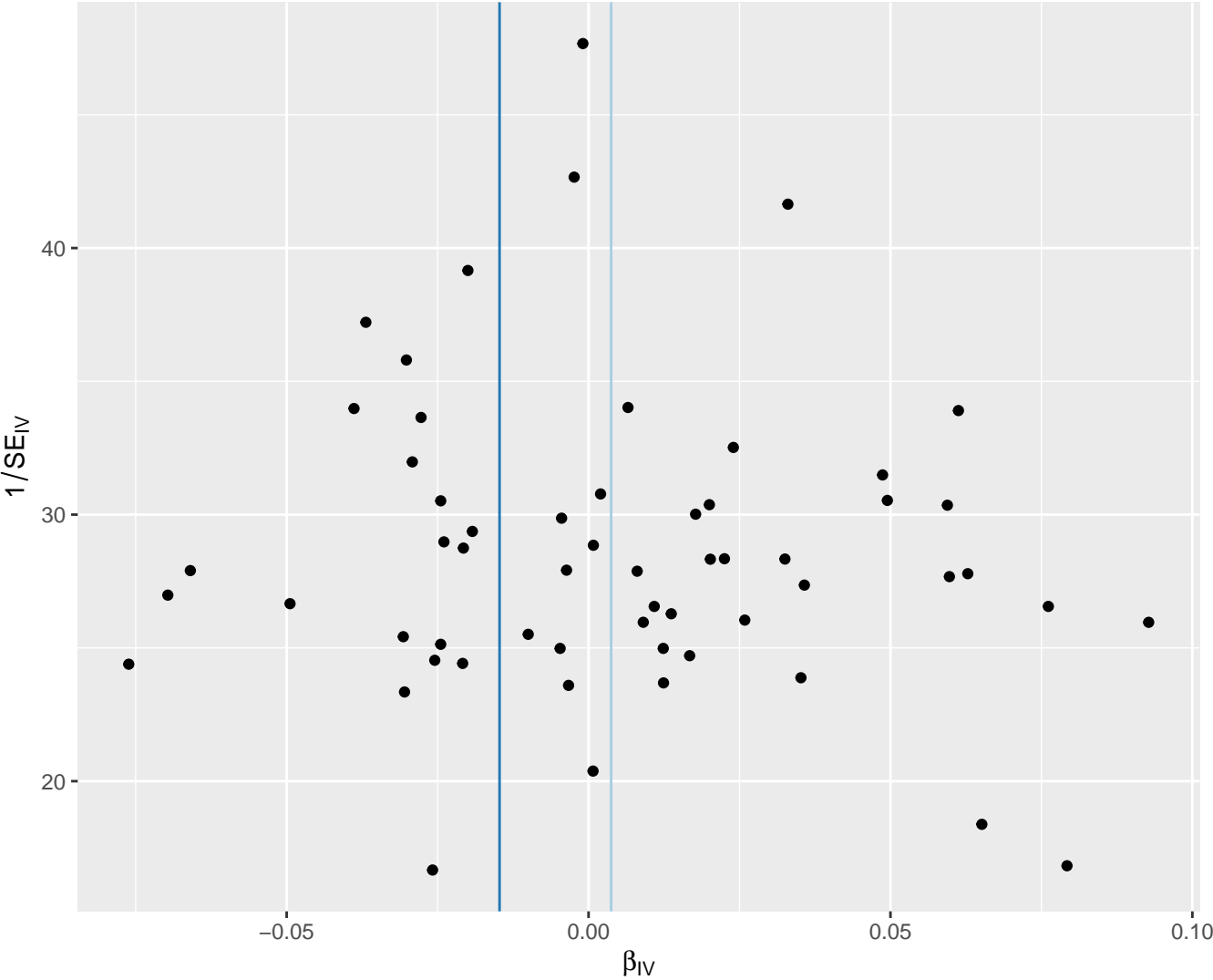
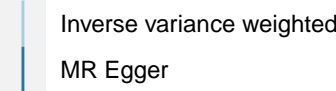
MR Method





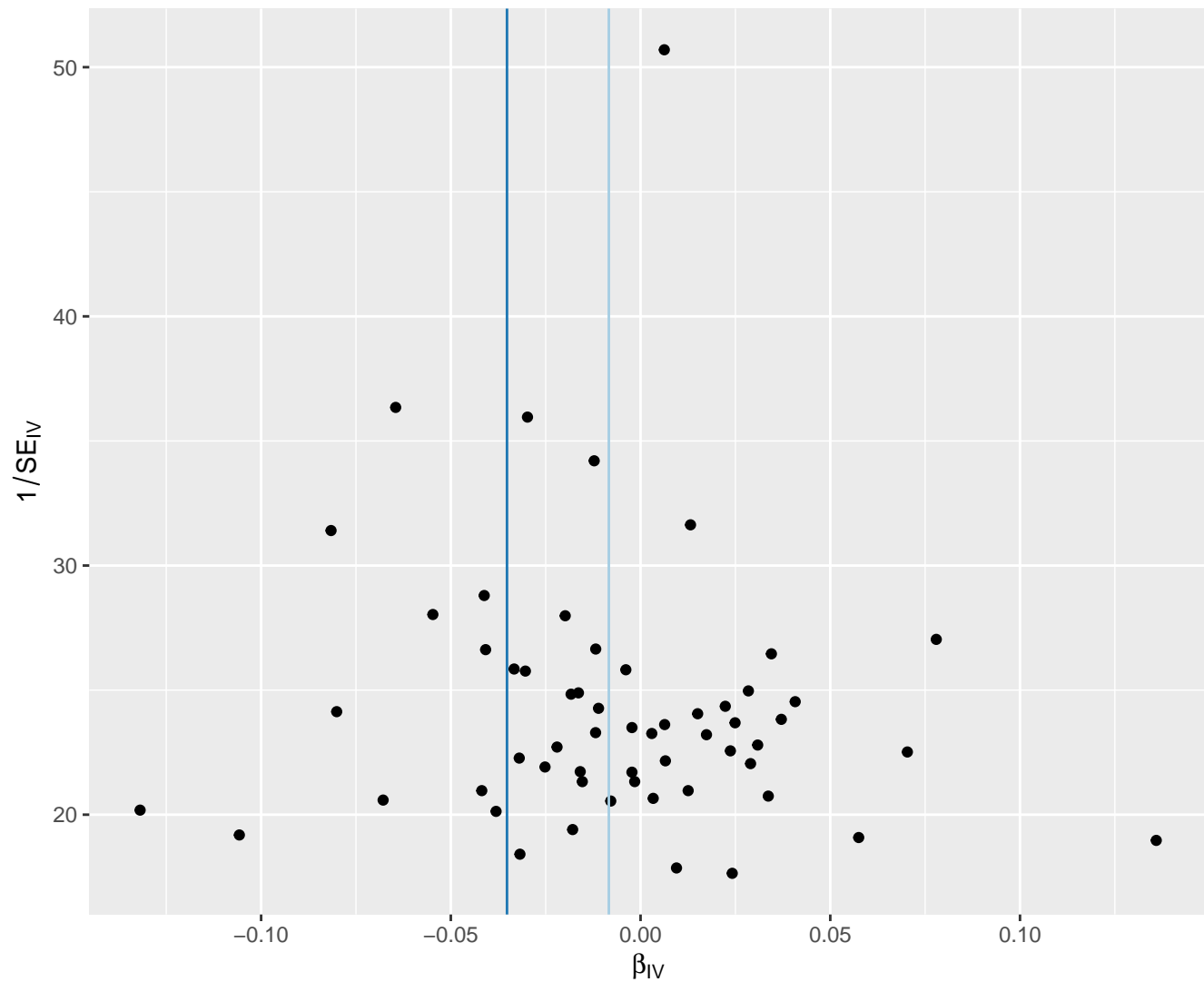
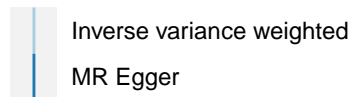
X-14057

MR Method



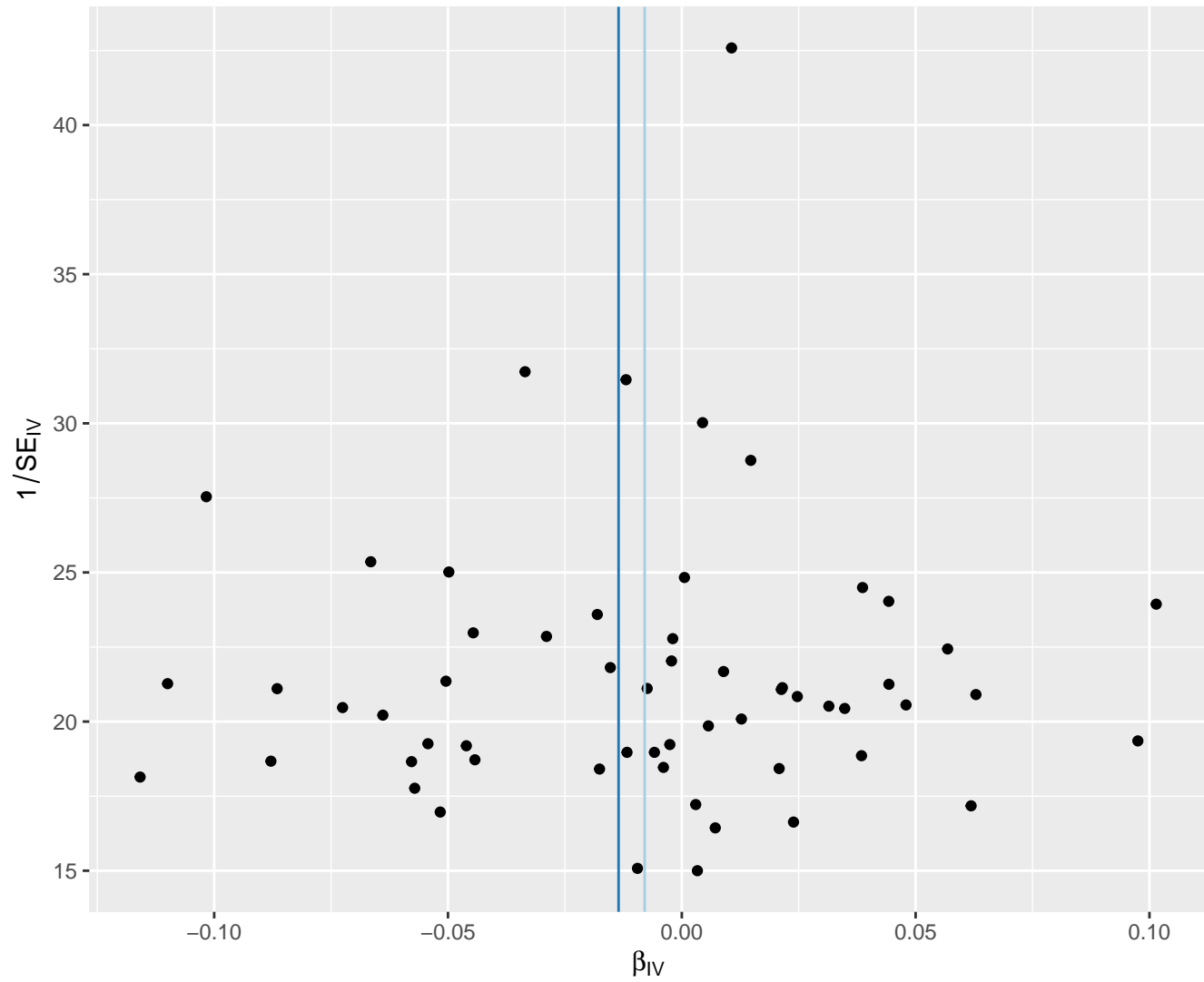
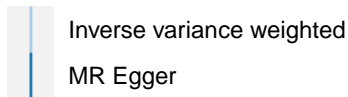
X-14086

MR Method



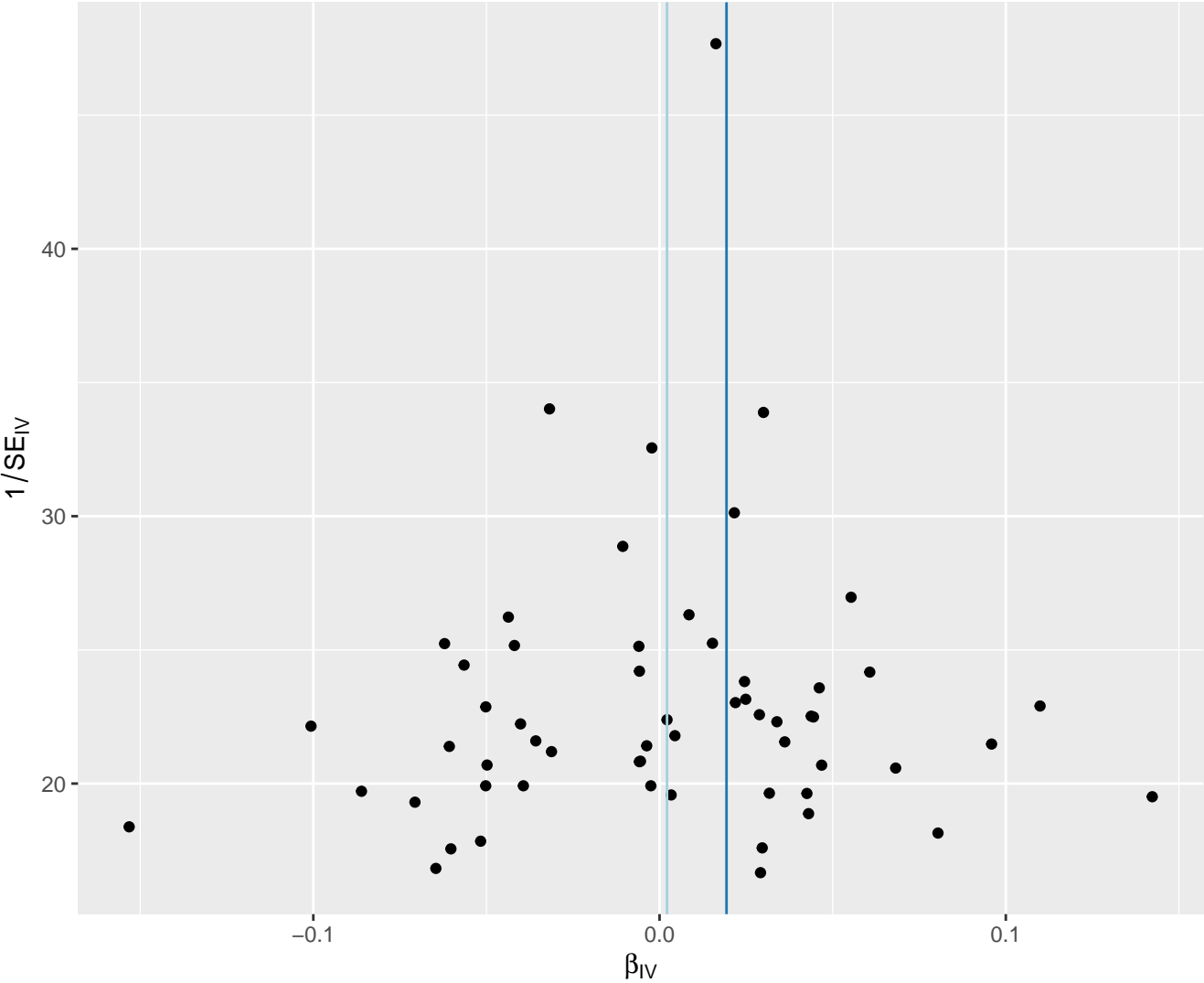
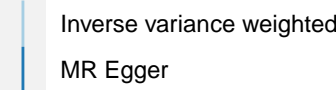
# X-14189--leucylalanine

MR Method



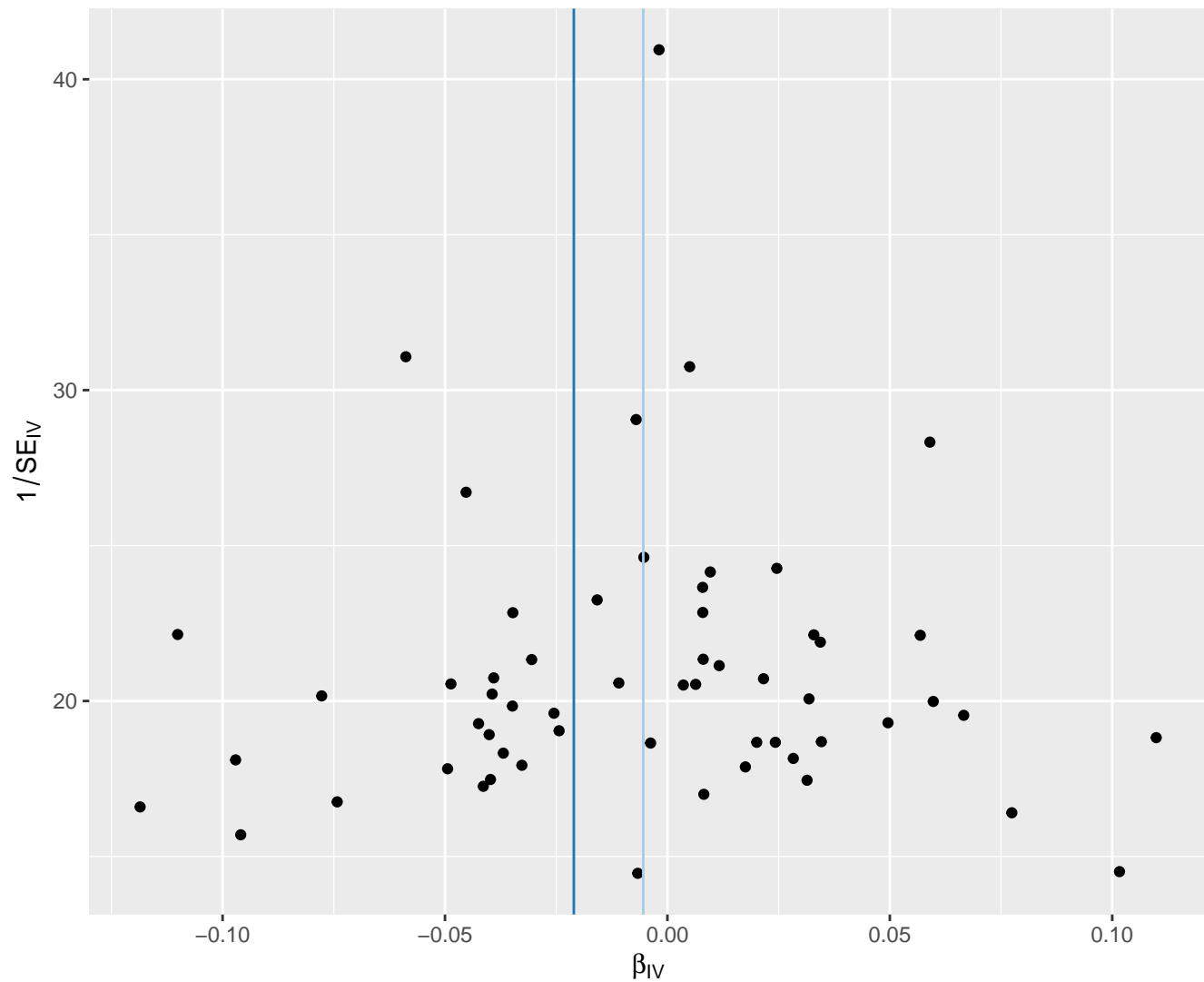
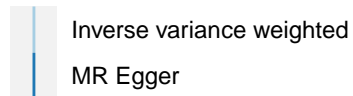
X-14205--alpha-glutamyltyrosine

MR Method



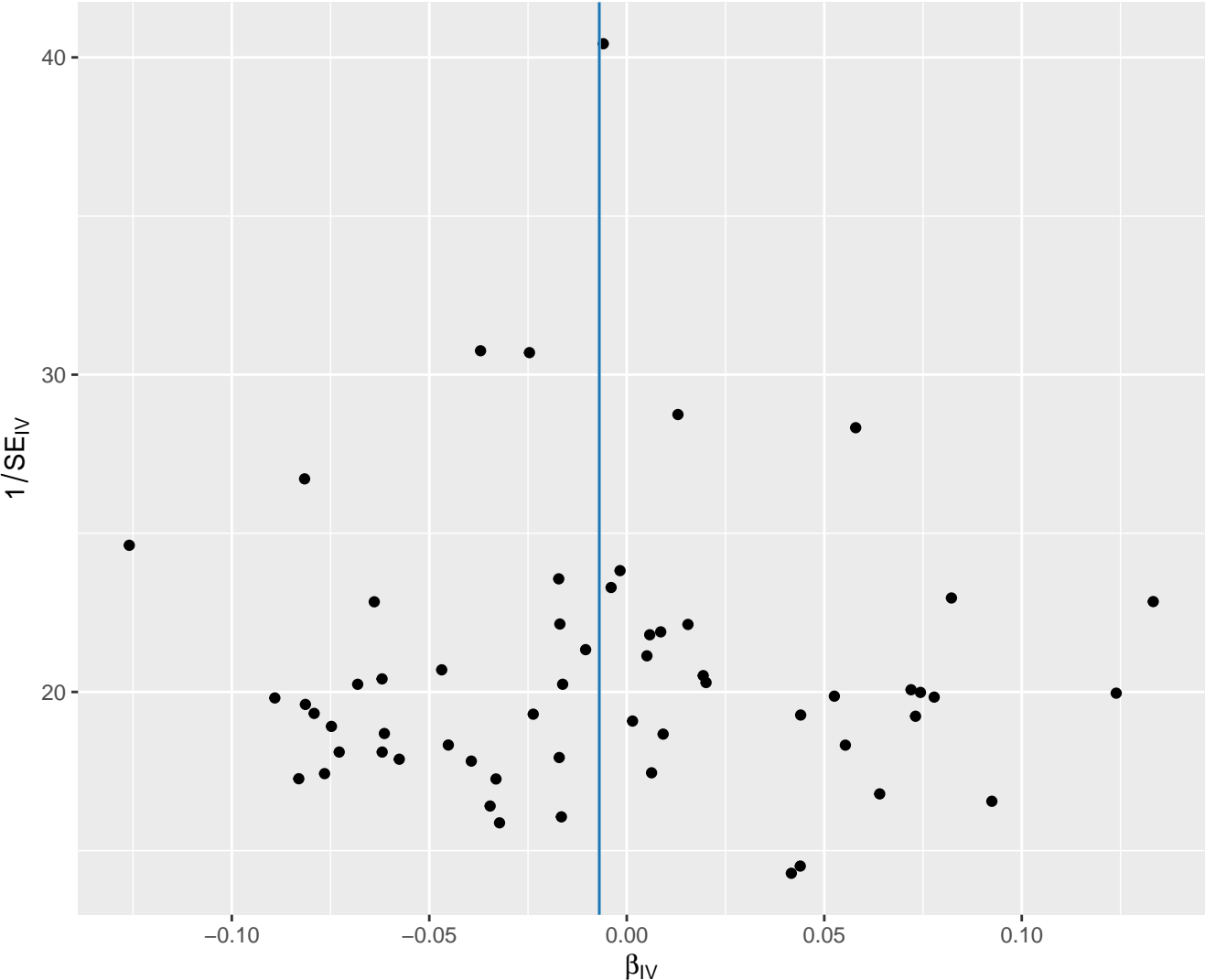
# X-14208--phenylalanylserine

MR Method



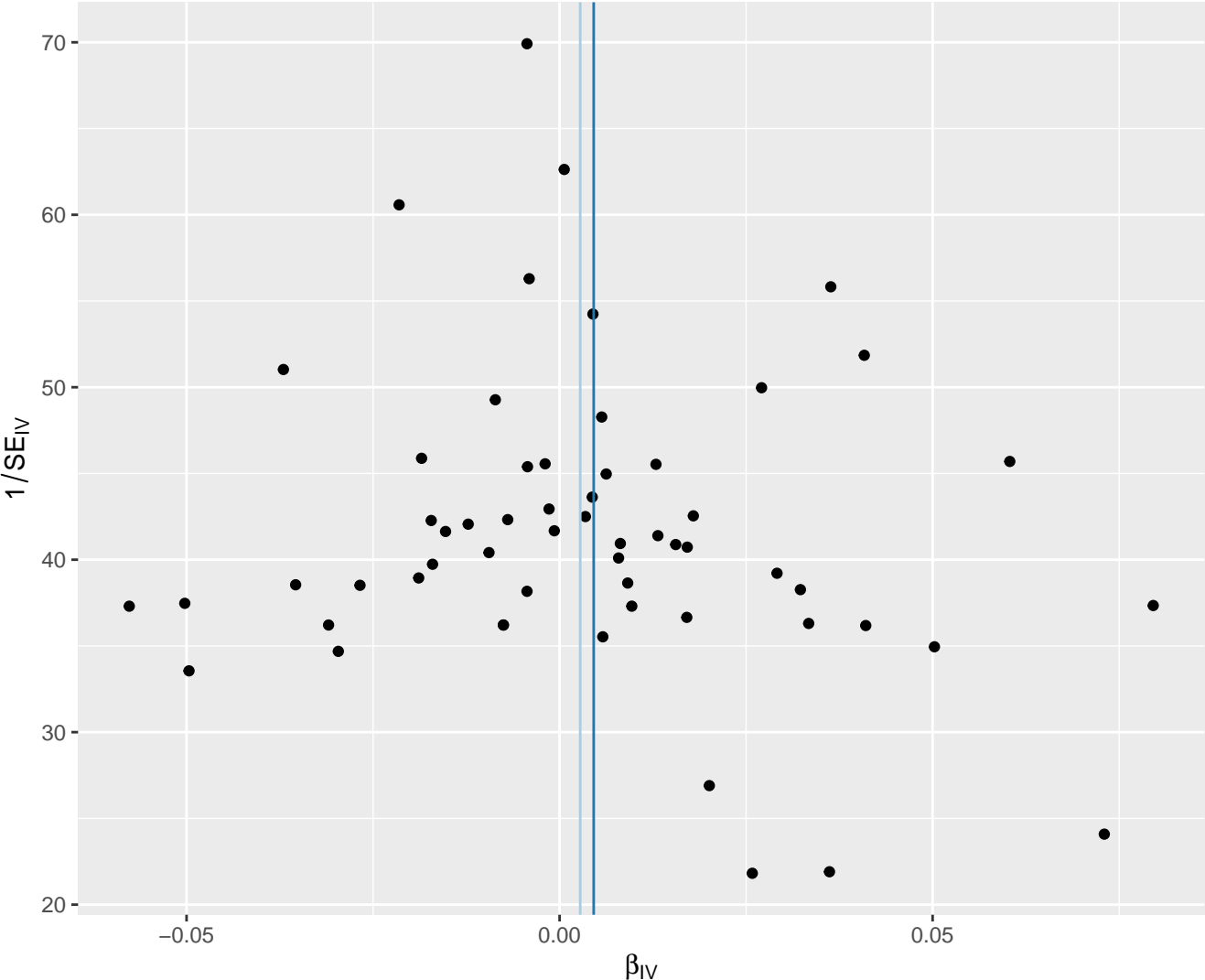
X-14304--leucylalanine

MR Method



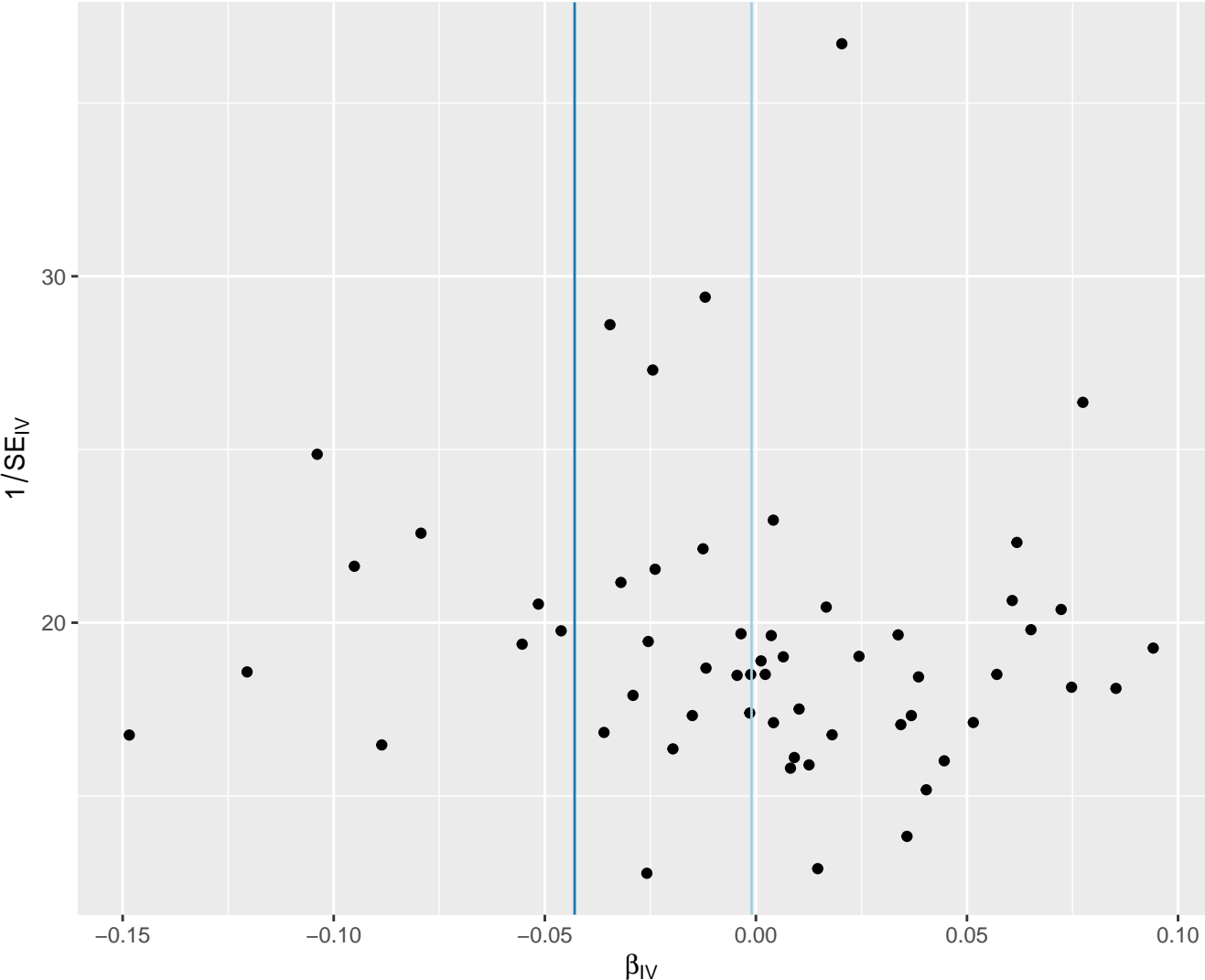
X-14374

MR Method



X-14450--phenylalanylleucine

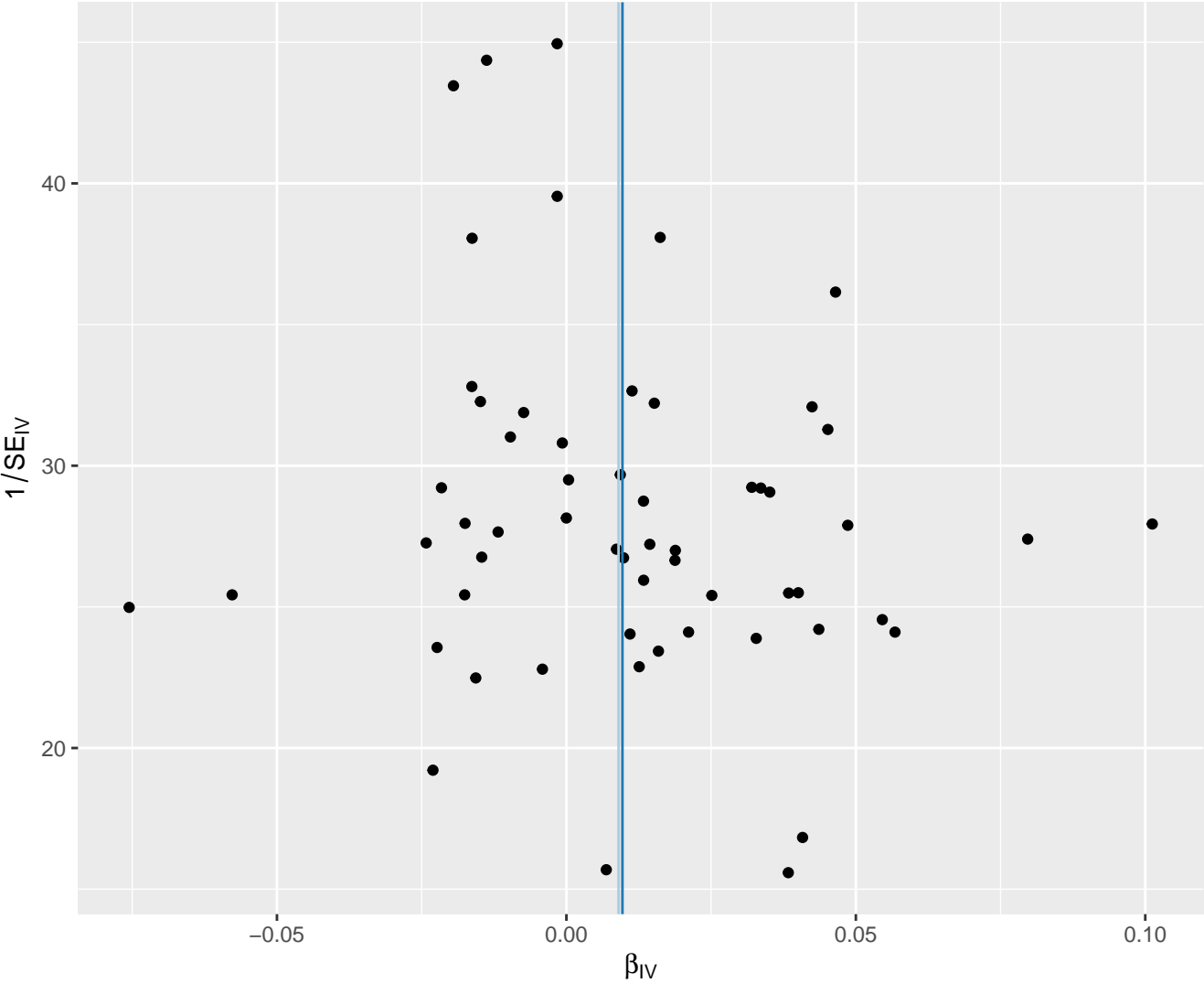
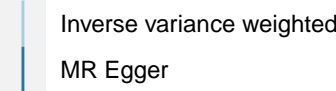
MR Method





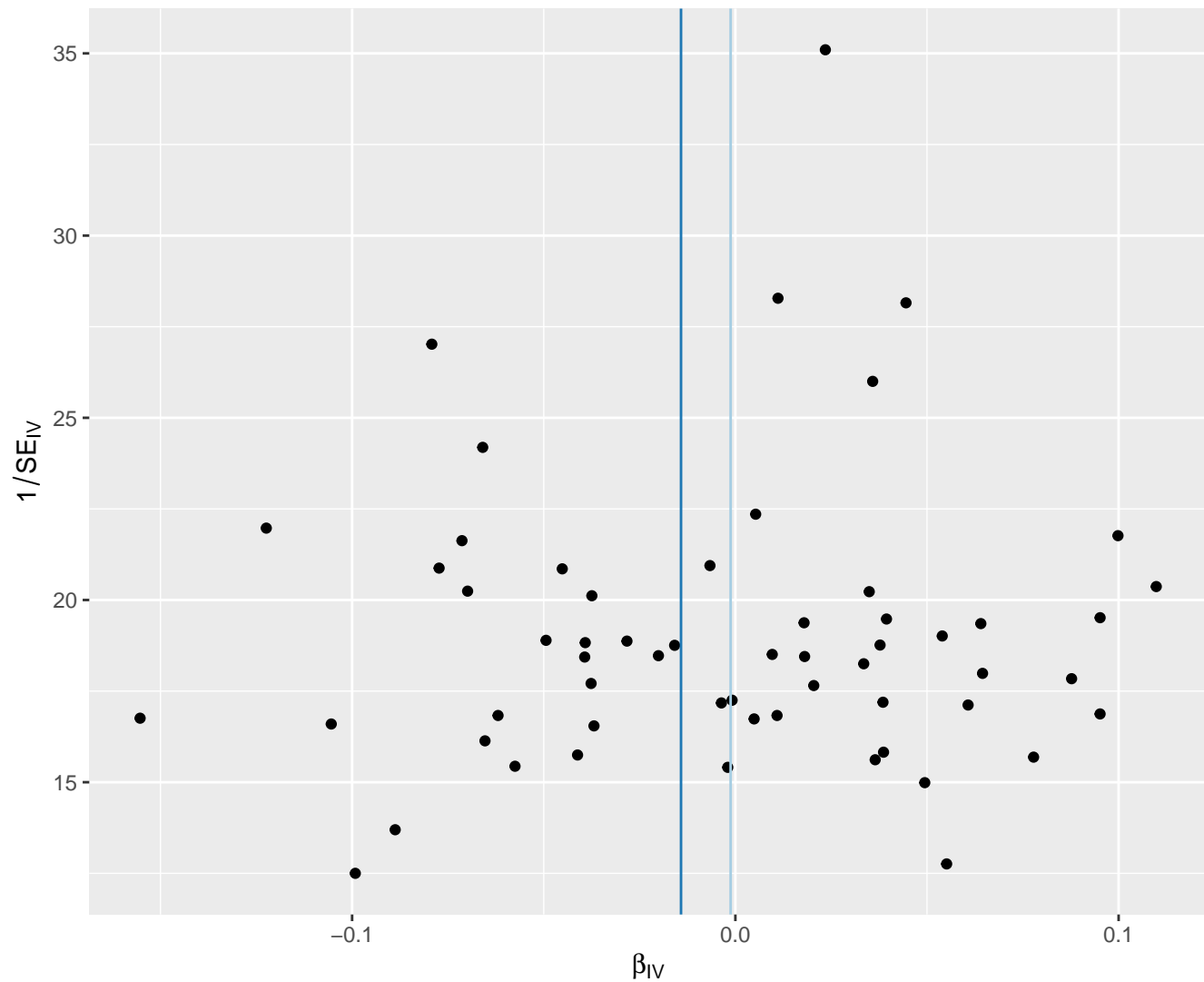
X-14473

MR Method



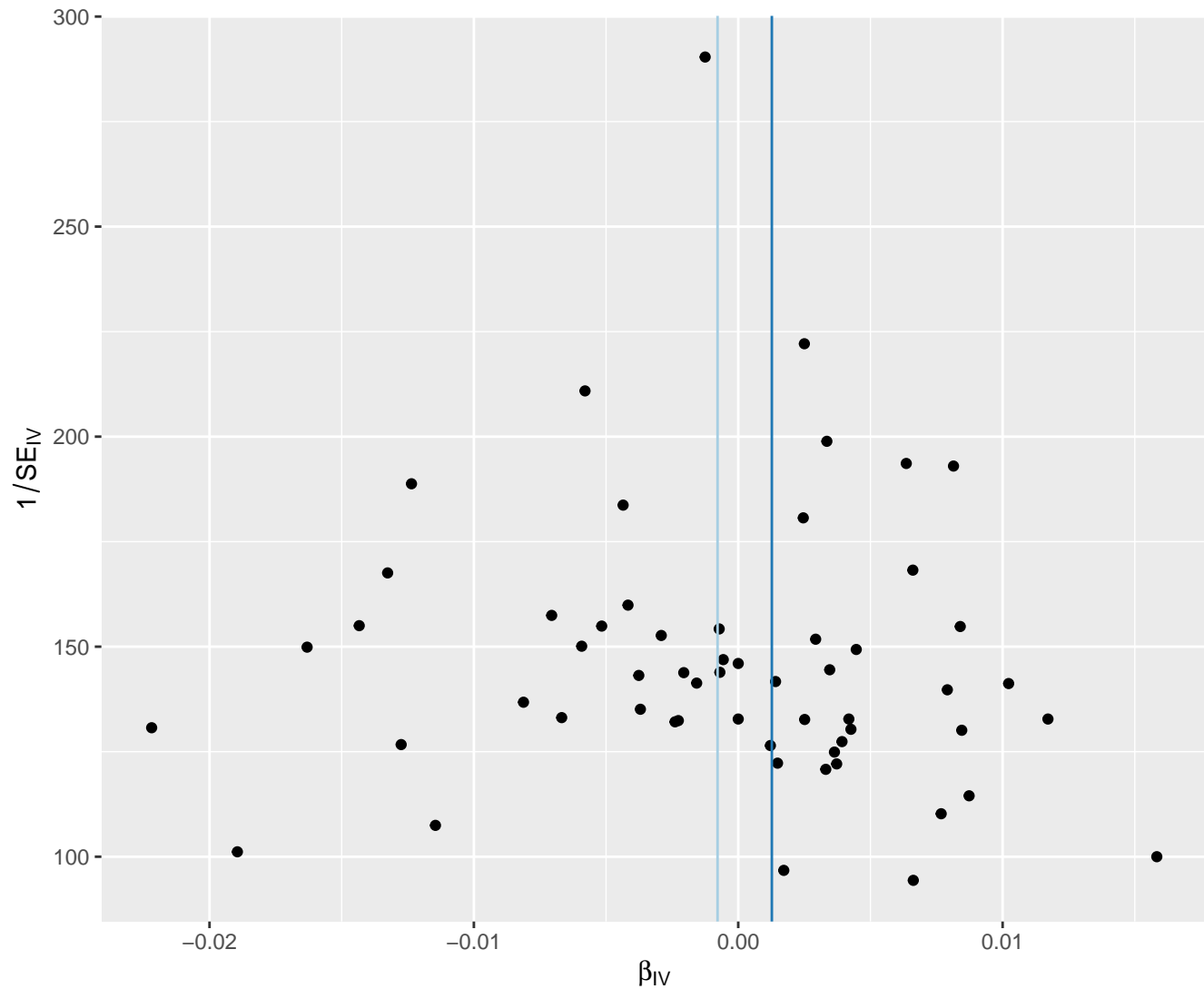
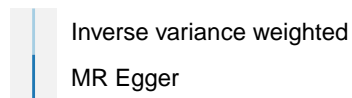
X-14541

MR Method



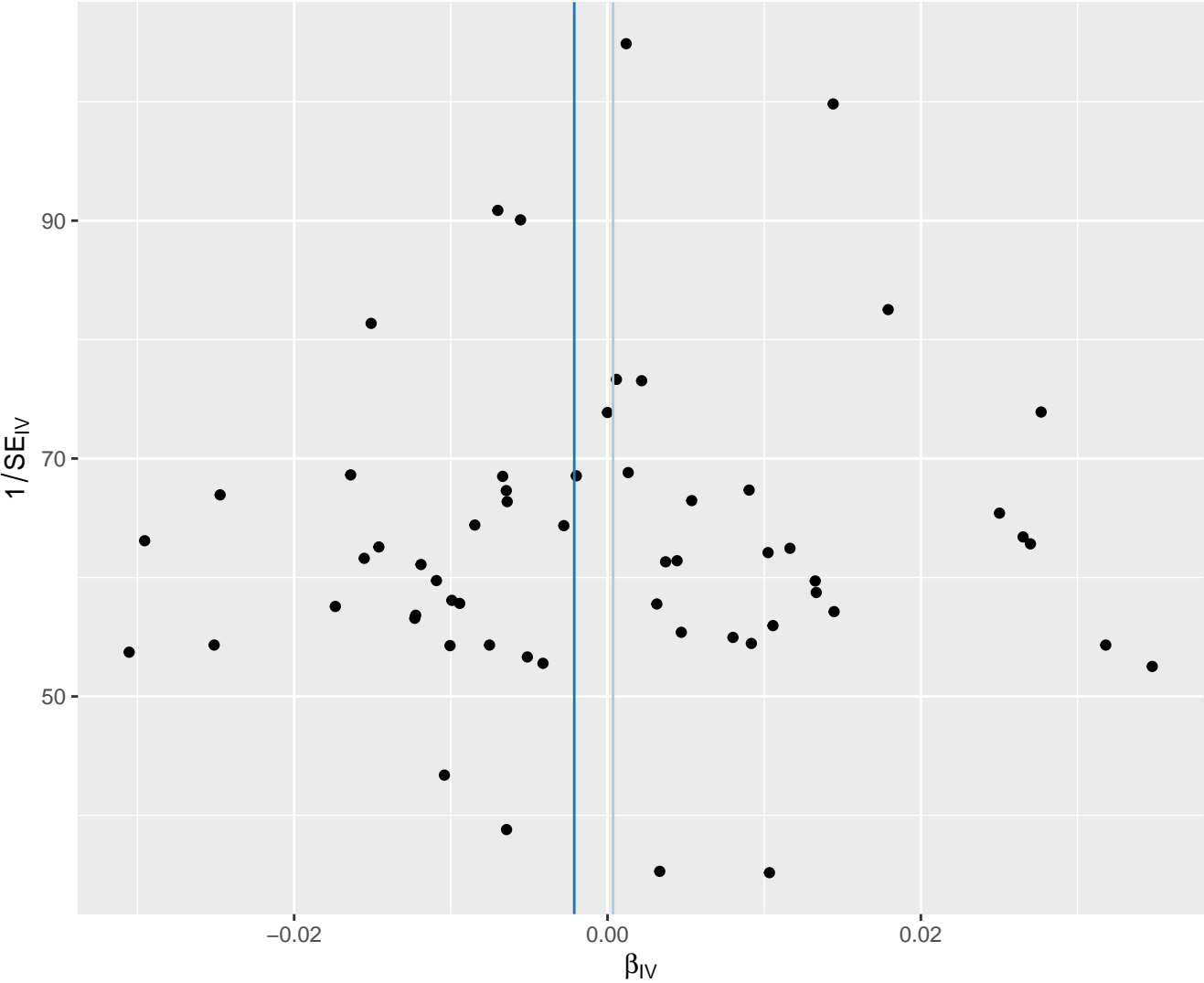
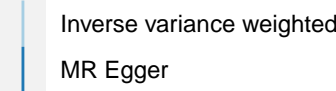
X-14588

MR Method



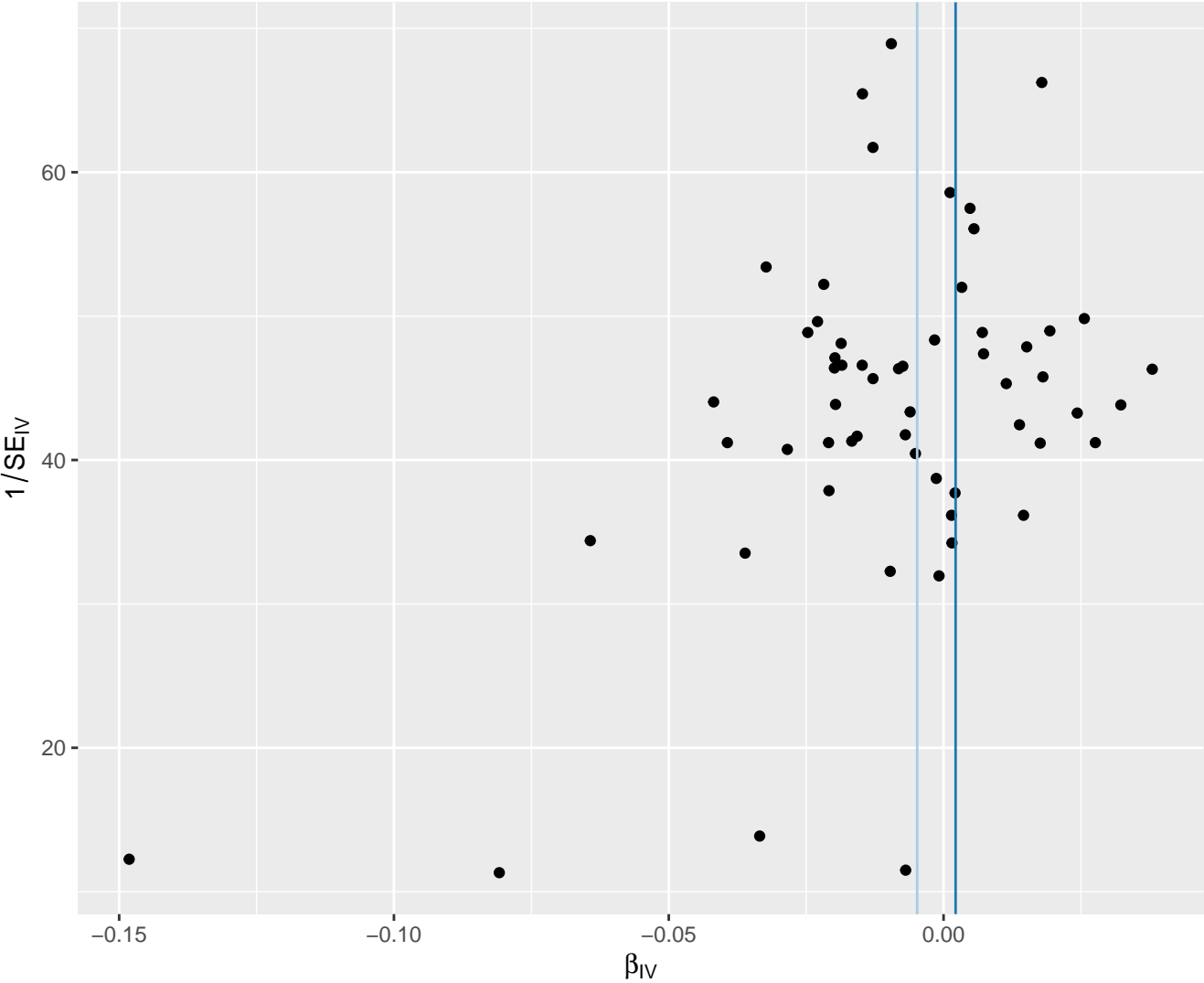
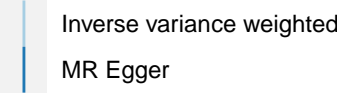
X-14625

MR Method



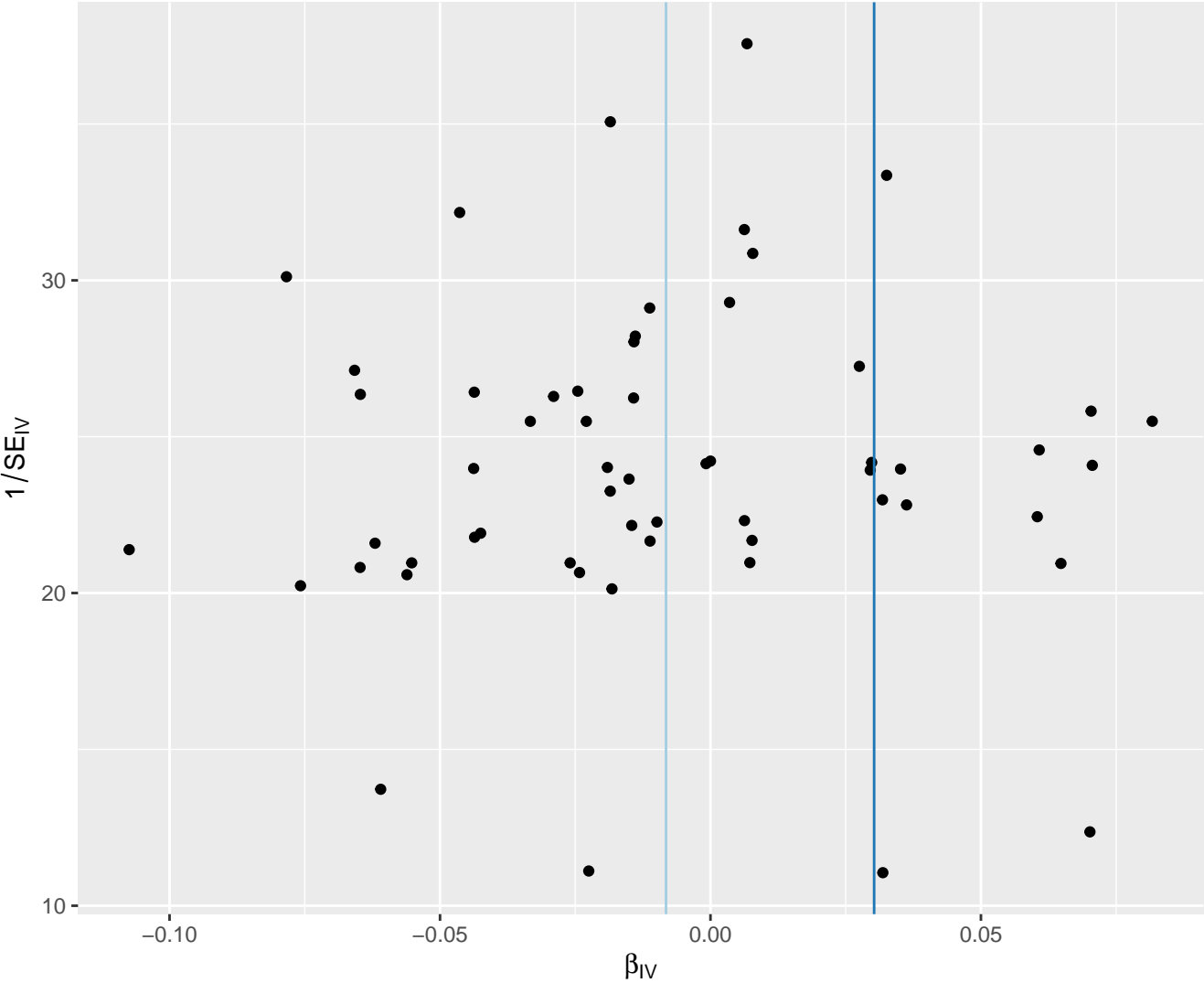
X-14626

MR Method



X-14632

MR Method



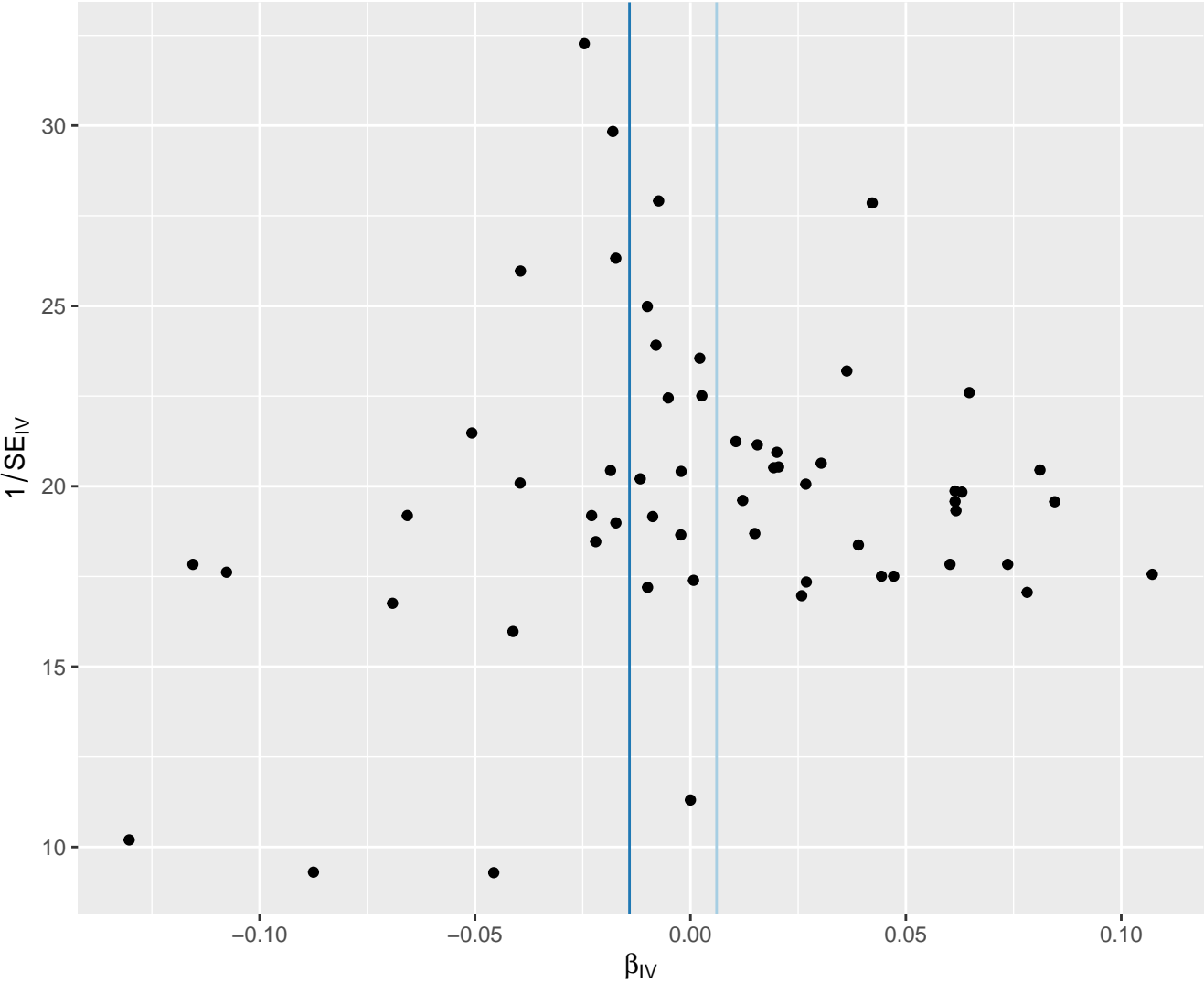
X-14658

MR Method



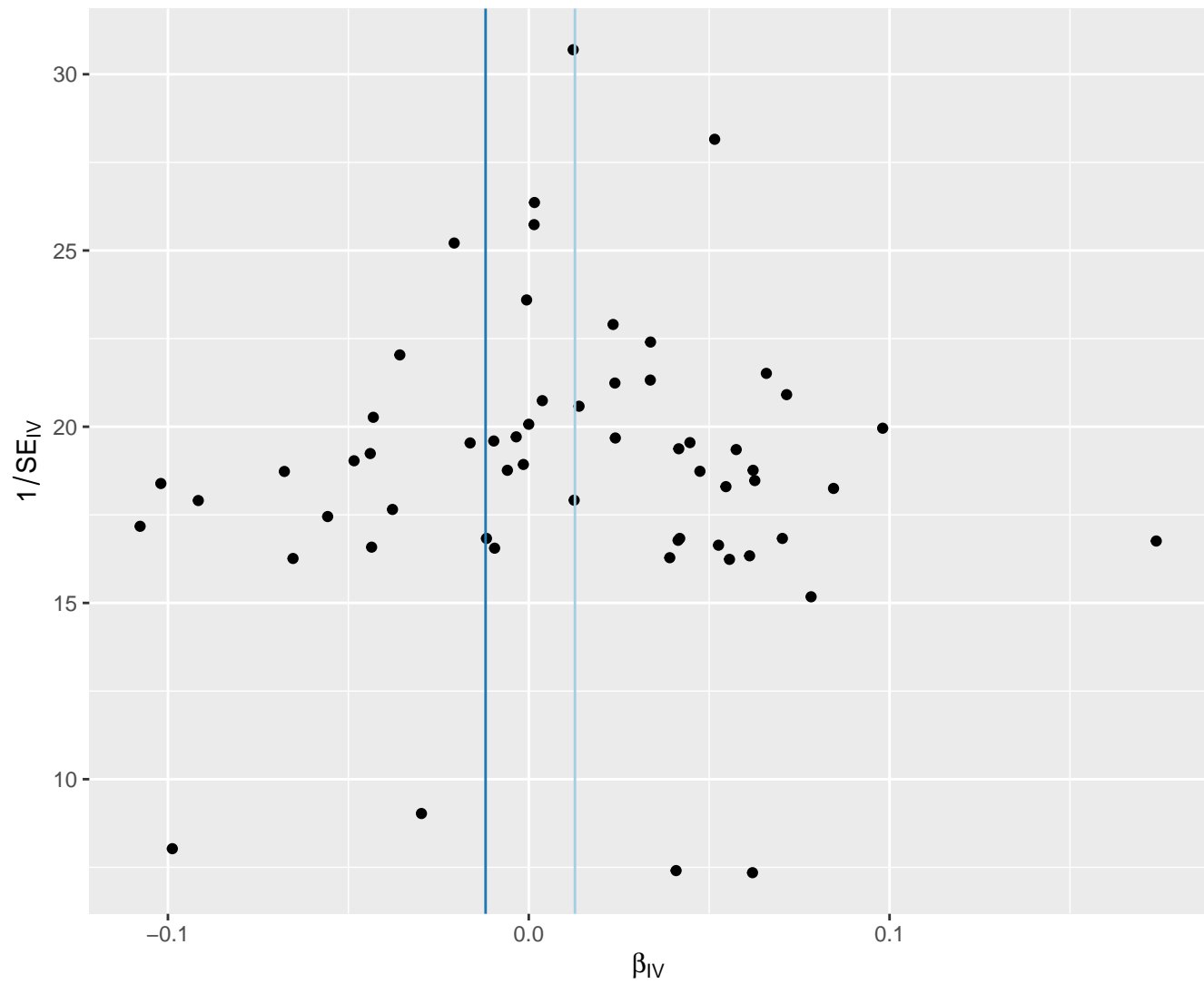
Inverse variance weighted

MR Egger



X-14662

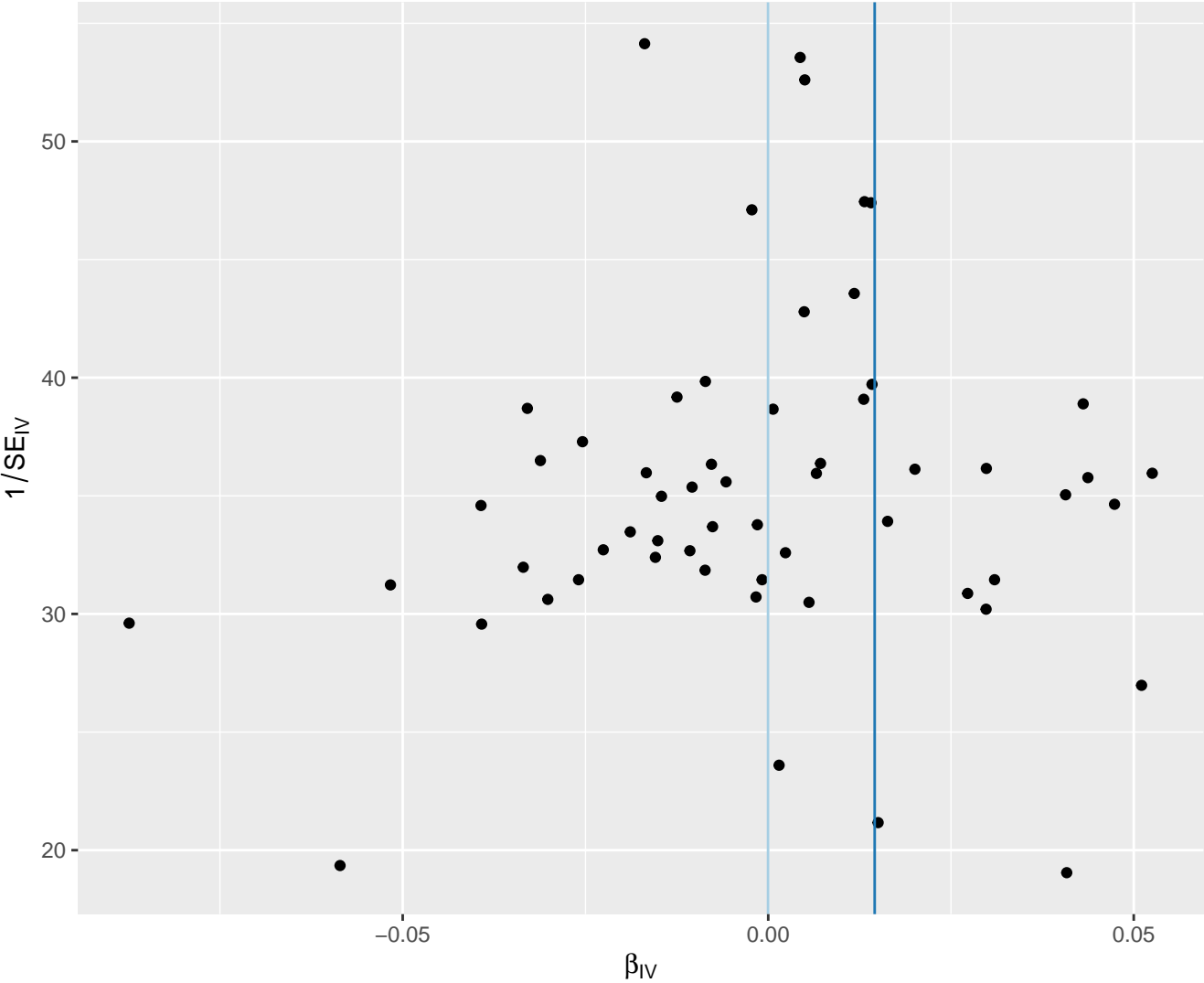
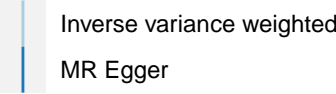
MR Method





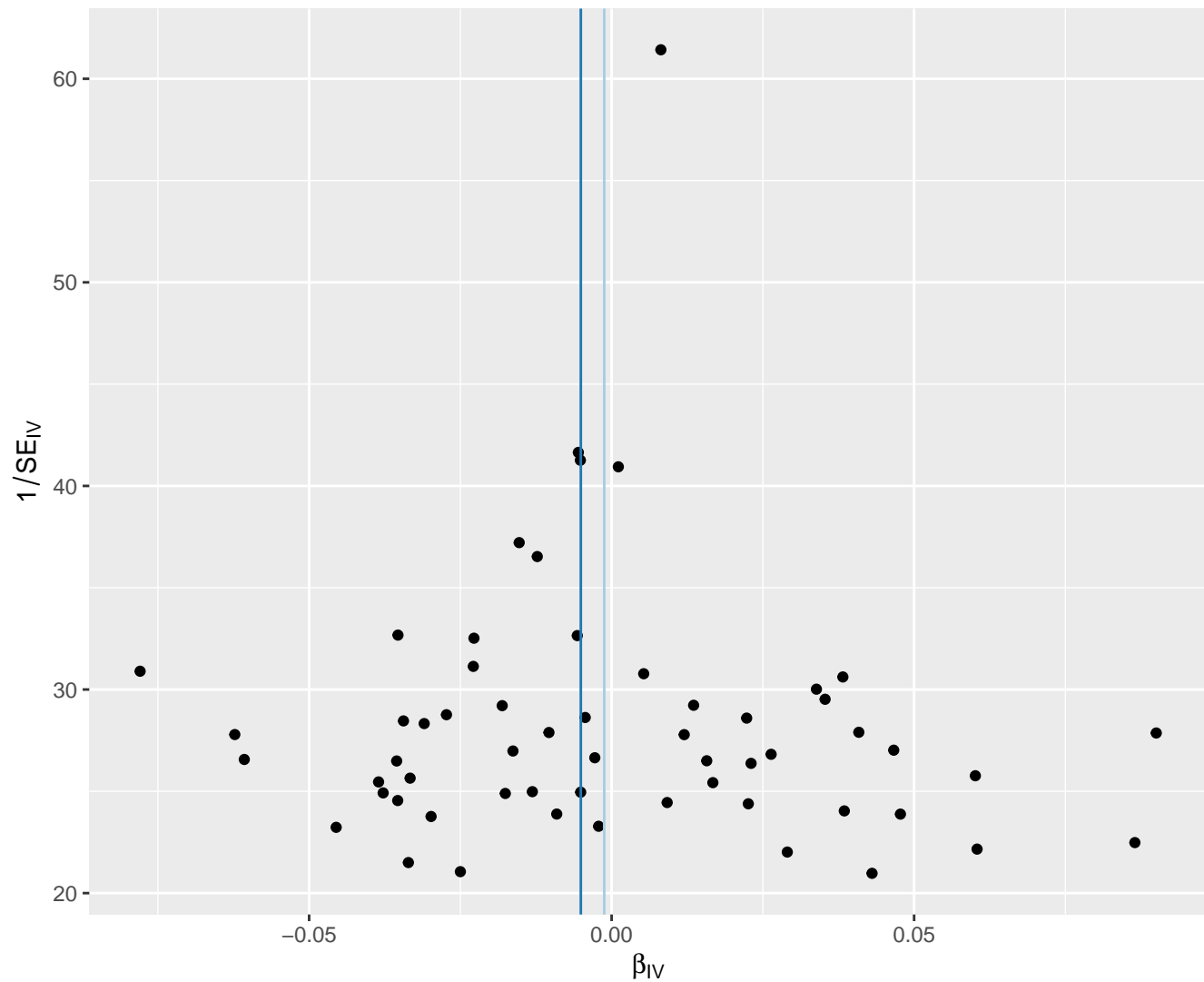
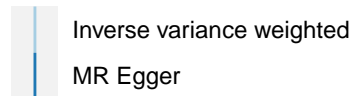
X-14745

MR Method



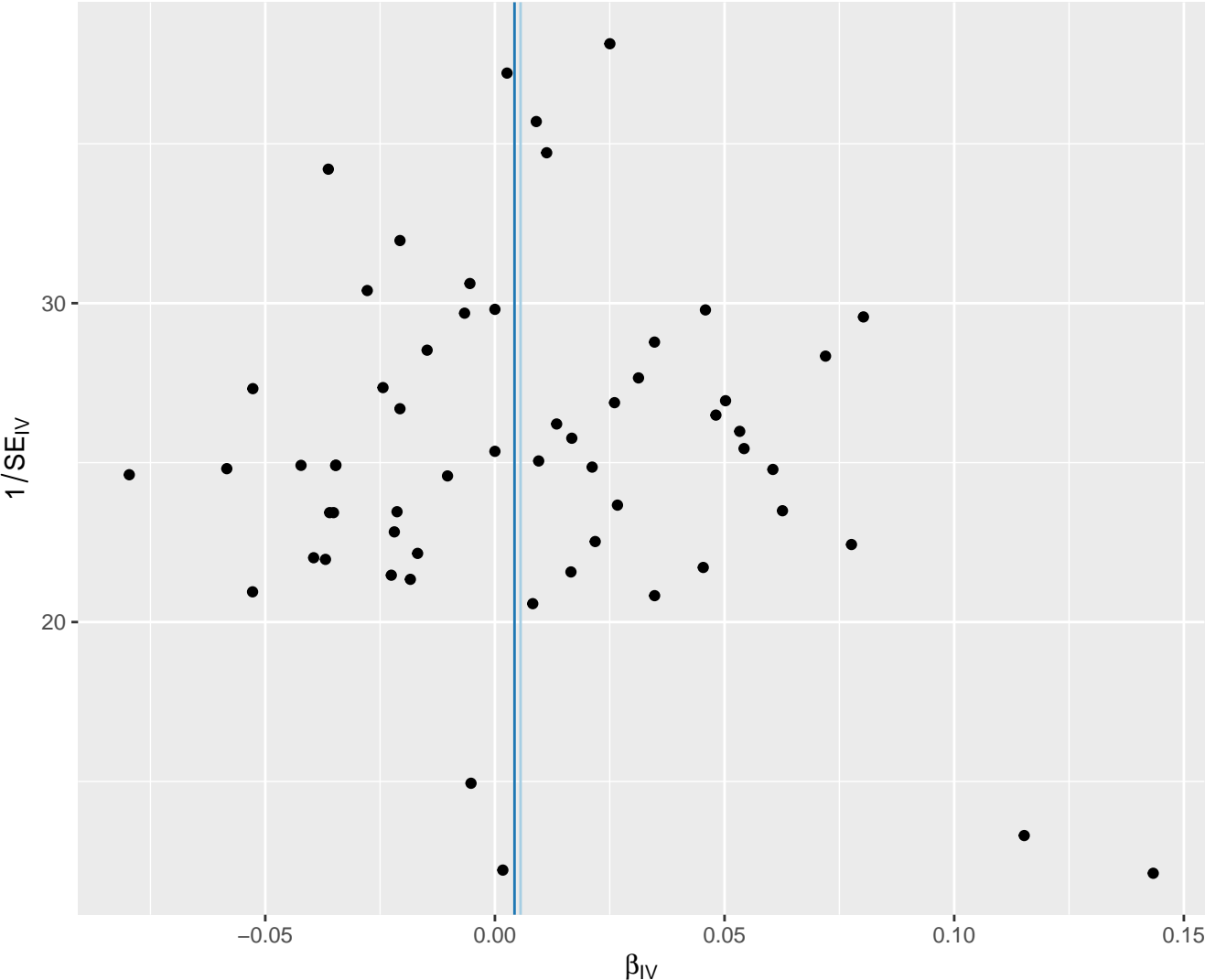
# X-14977--vanillin

MR Method



X-18601

MR Method



# Xanthine

