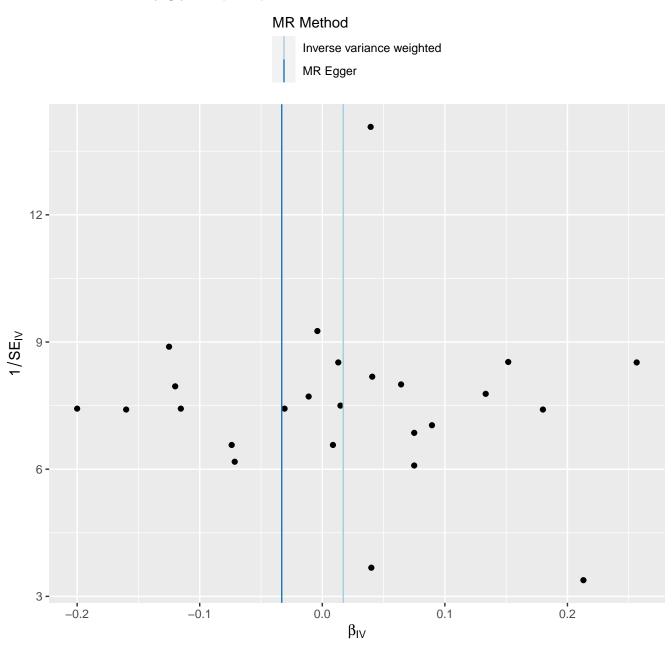
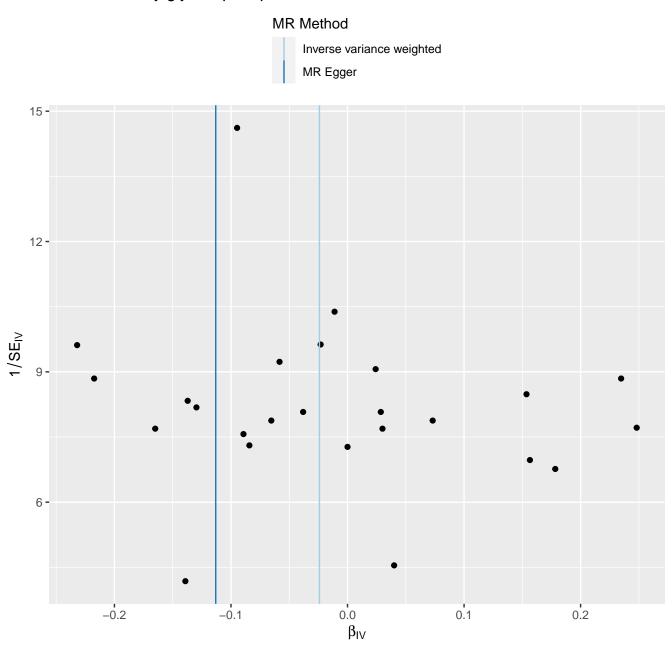
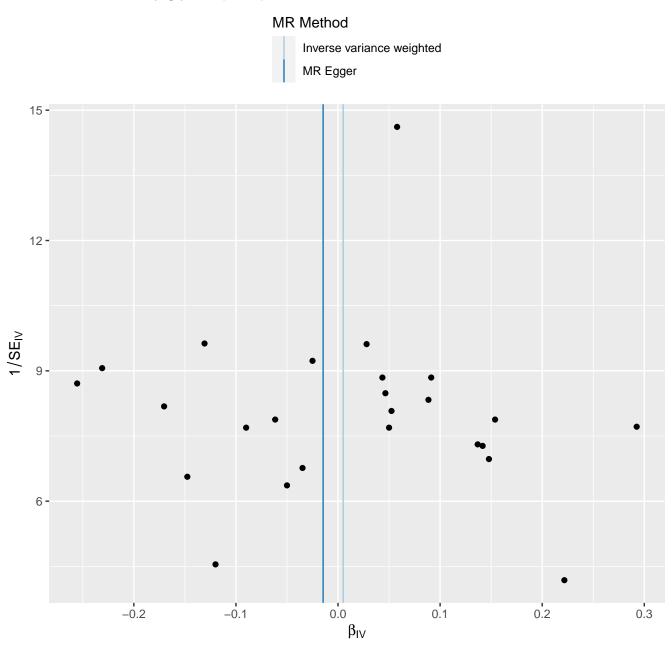
1-arachidonoylglycerophosphocholine*



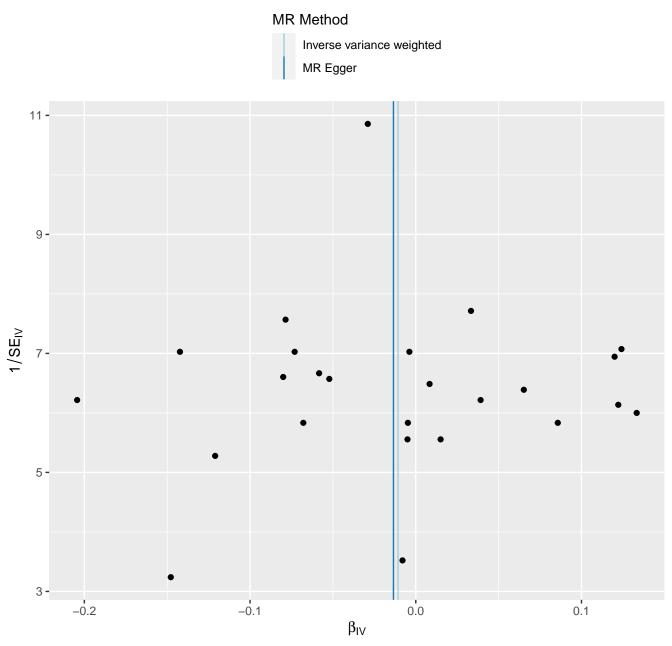
$1-a rachido no ylglycer ophosphoethanolamine \\^*$



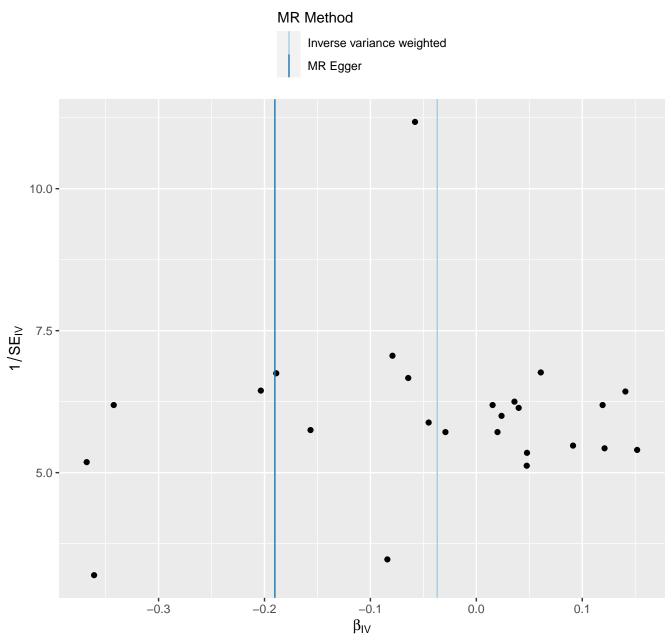
1-arachidonoylglycerophosphoinositol*



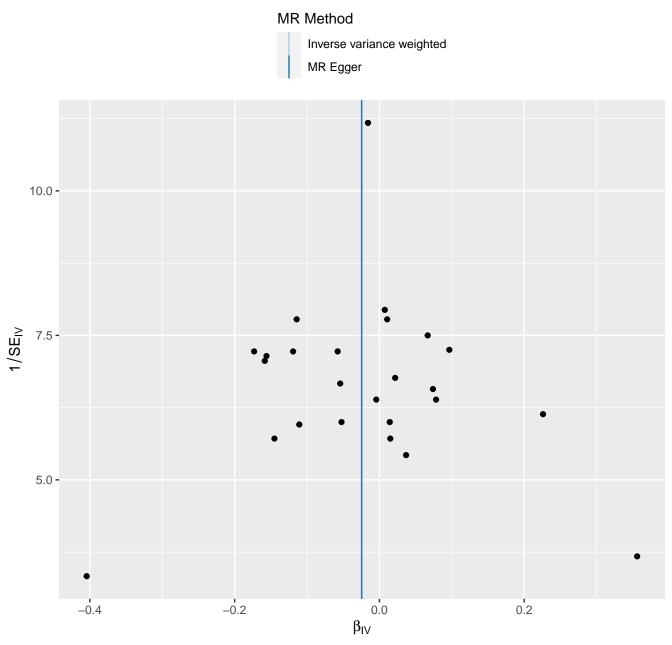
$1-docosah exaen oylglycer op hosphocholine \\^*$



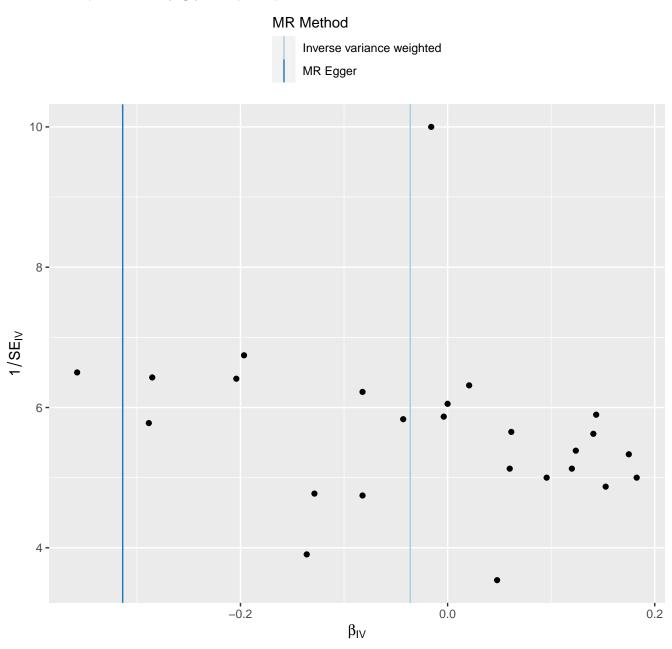
1-eicosadienoylglycerophosphocholine*



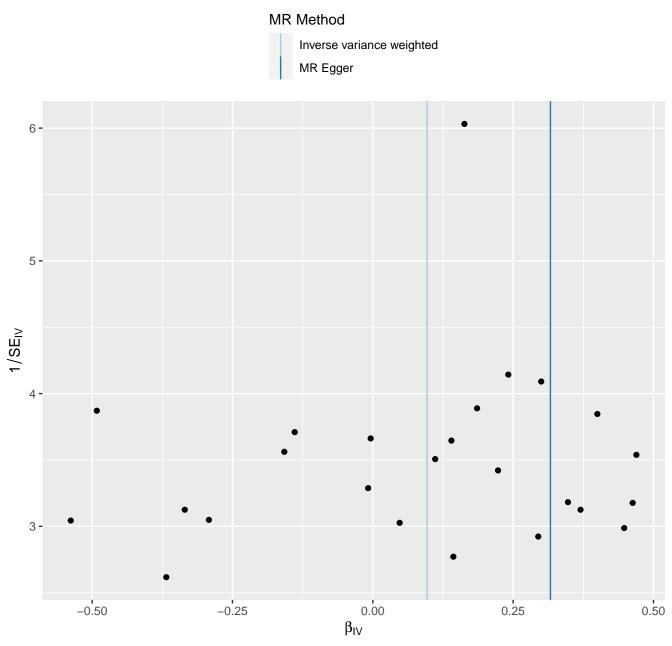
1-eicosatrienoylglycerophosphocholine*



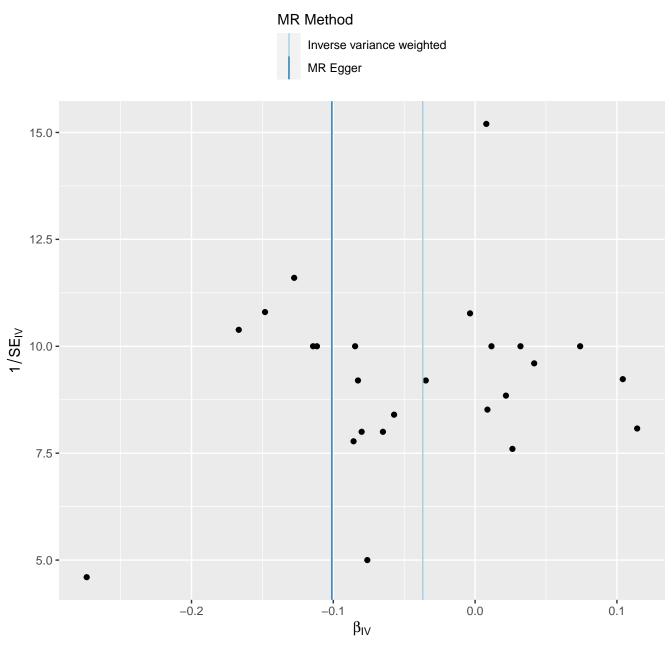
1-heptadecanoylglycerophosphocholine



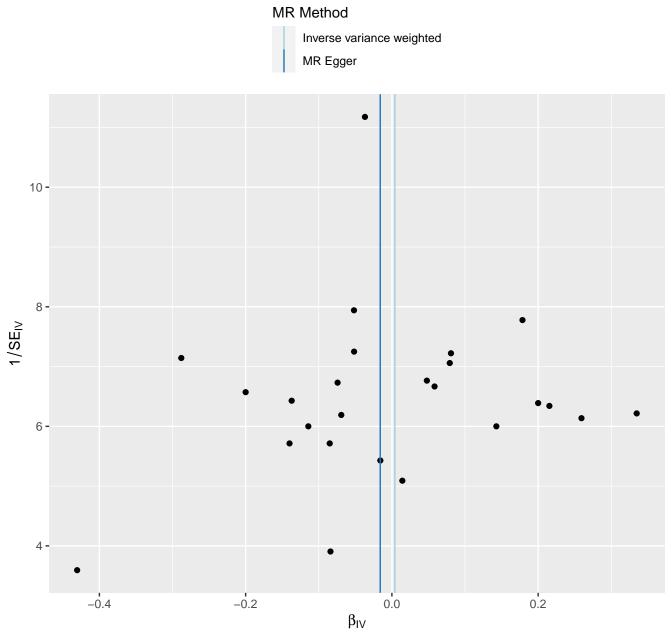
1-linoleoylglycerol (1-monolinolein)



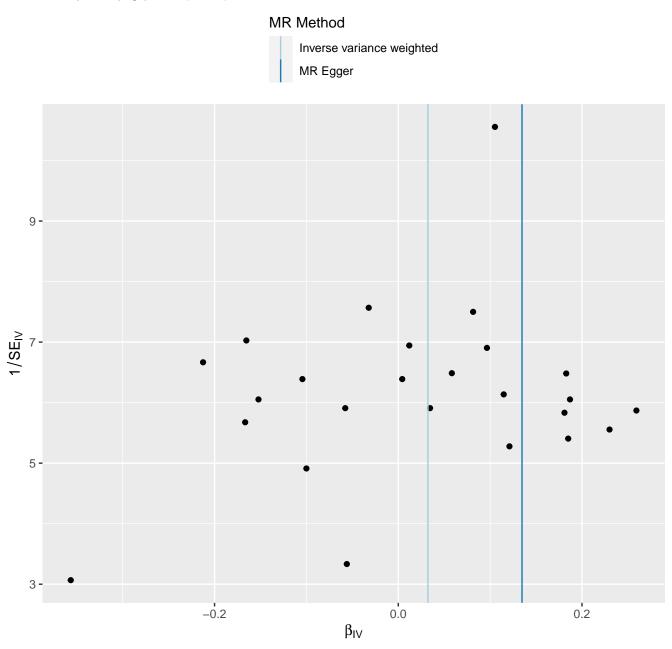
1-linoleoylglycerophosphocholine



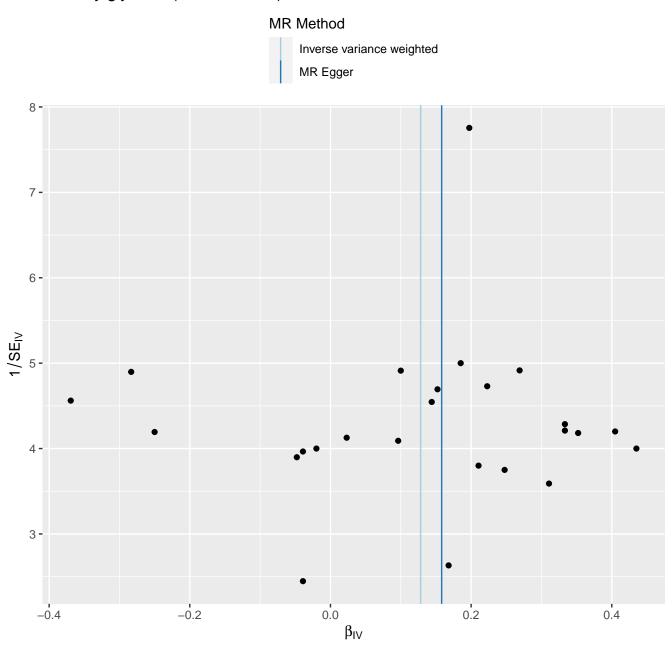
1-linoleoylglycerophosphoethanolamine*



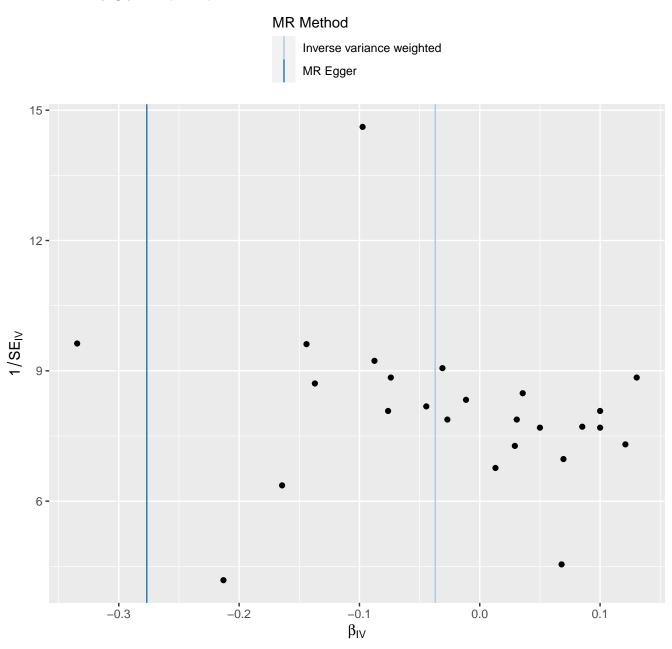
1-myristoylglycerophosphocholine



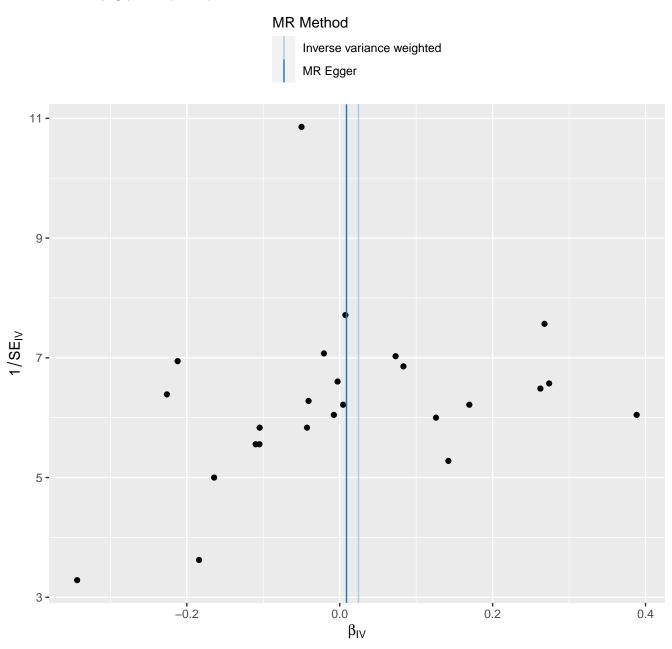
1-oleoylglycerol (1-monoolein)



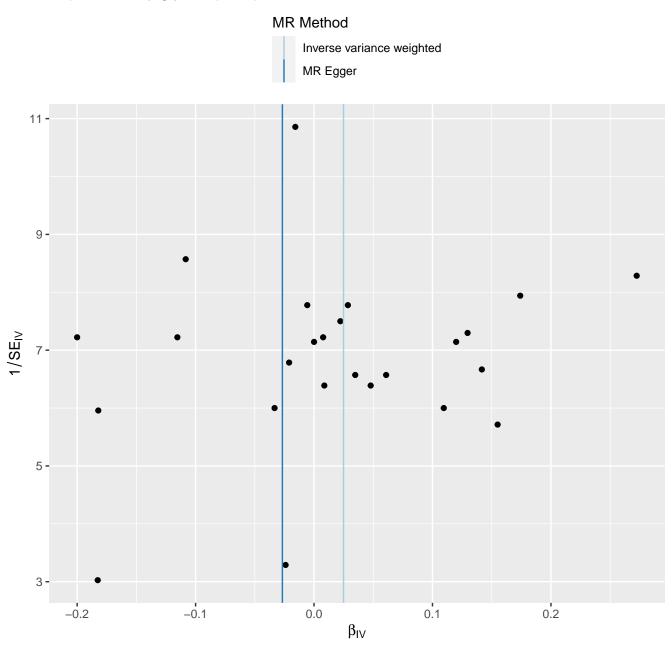
1-oleoylglycerophosphocholine



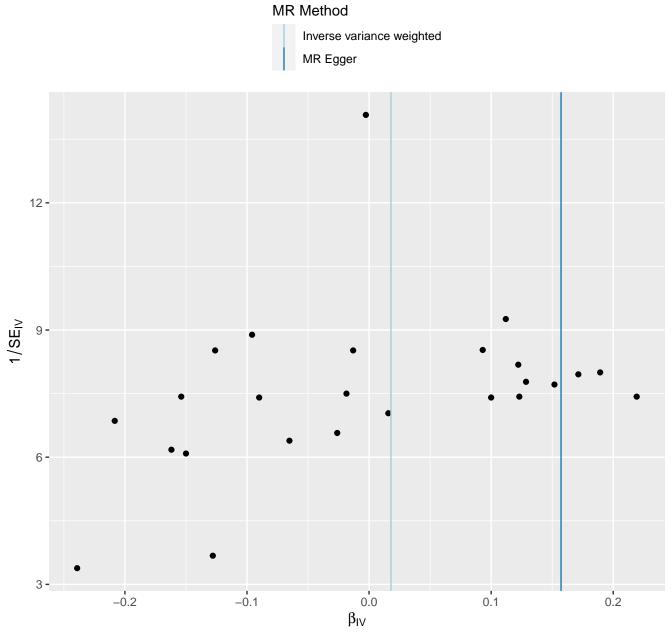
1-oleoylglycerophosphoethanolamine



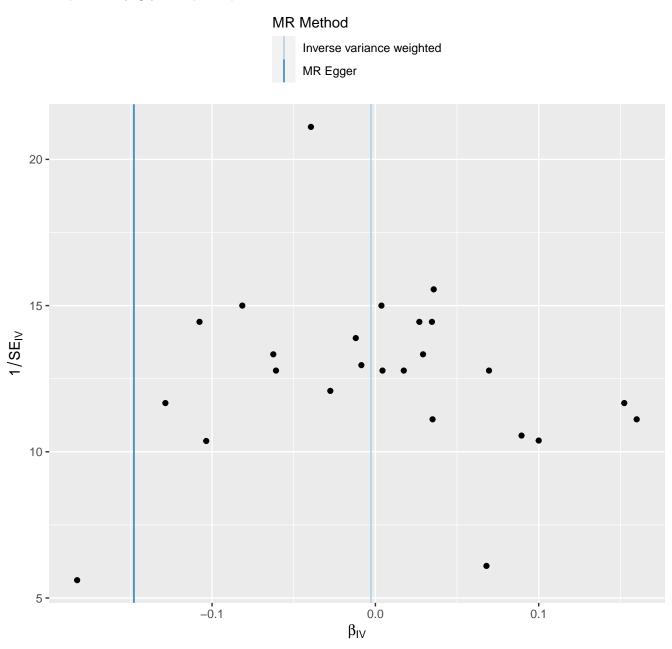
1-palmitoleoylglycerophosphocholine*



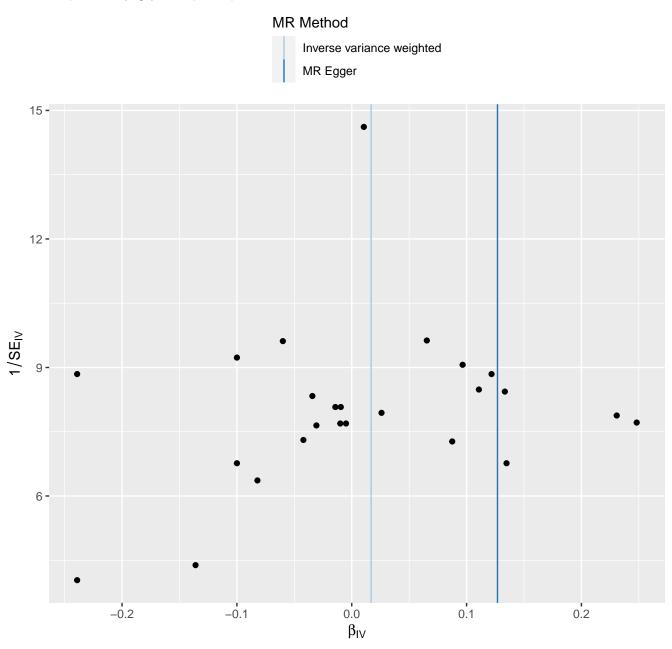
1-palmitoylglycerol (1-monopalmitin)



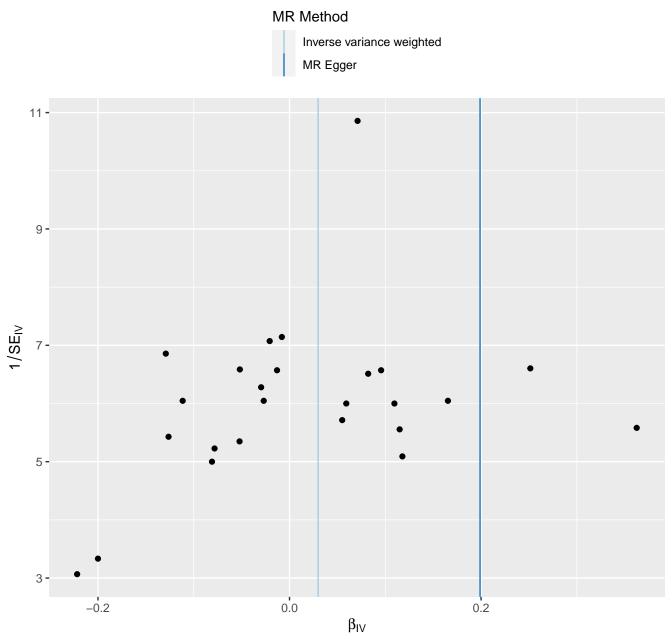
1-palmitoylglycerophosphocholine



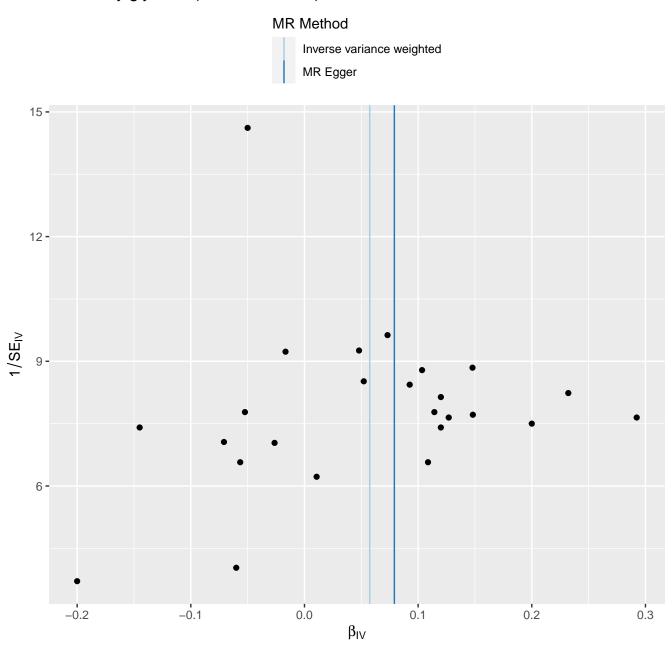
1-palmitoylglycerophosphoethanolamine



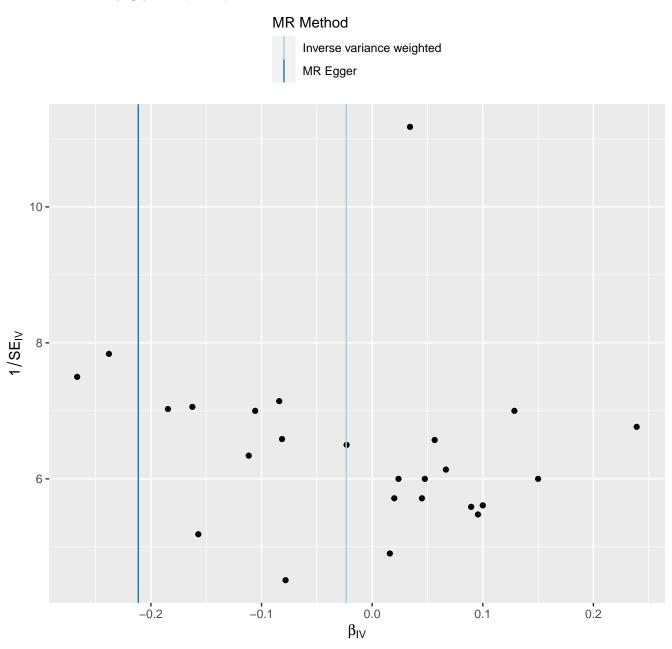
1-palmitoylglycerophosphoinositol*



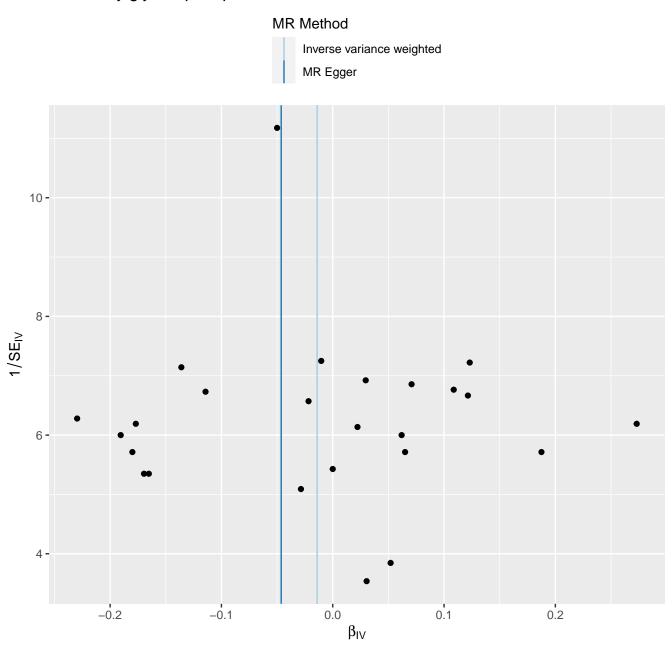
1-stearoylglycerol (1-monostearin)



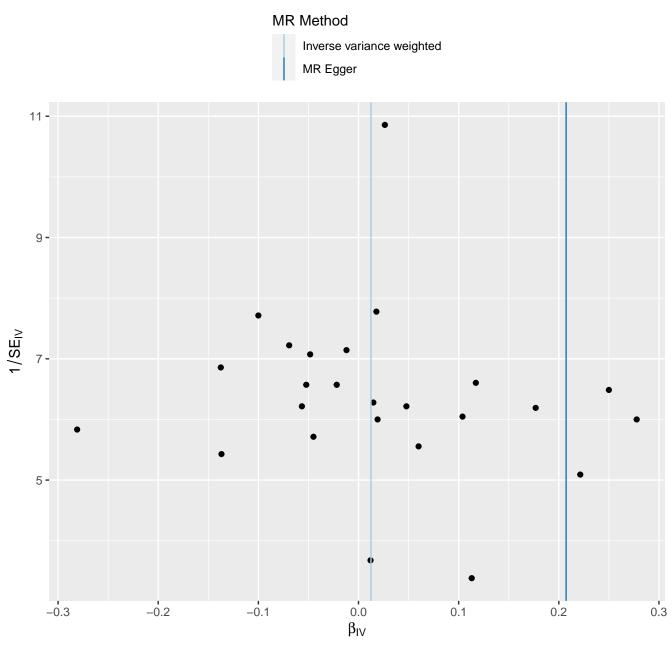
1-stearoylglycerophosphocholine



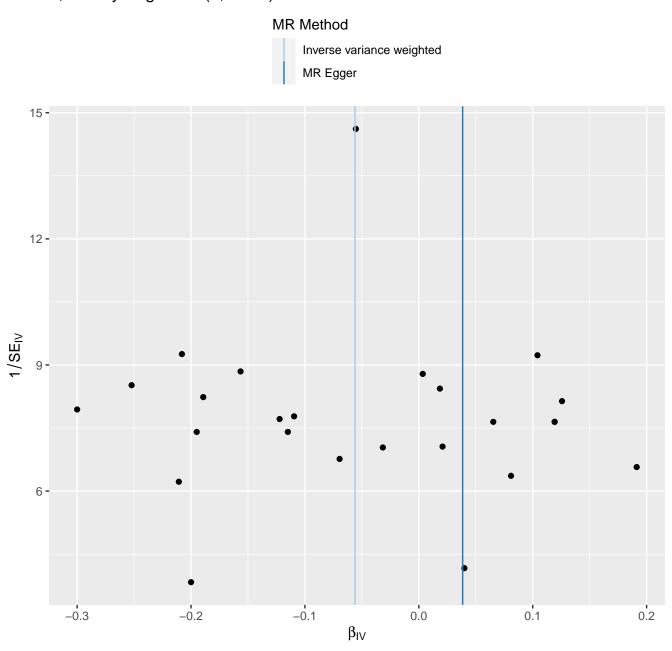
1-stearoylglycerophosphoethanolamine



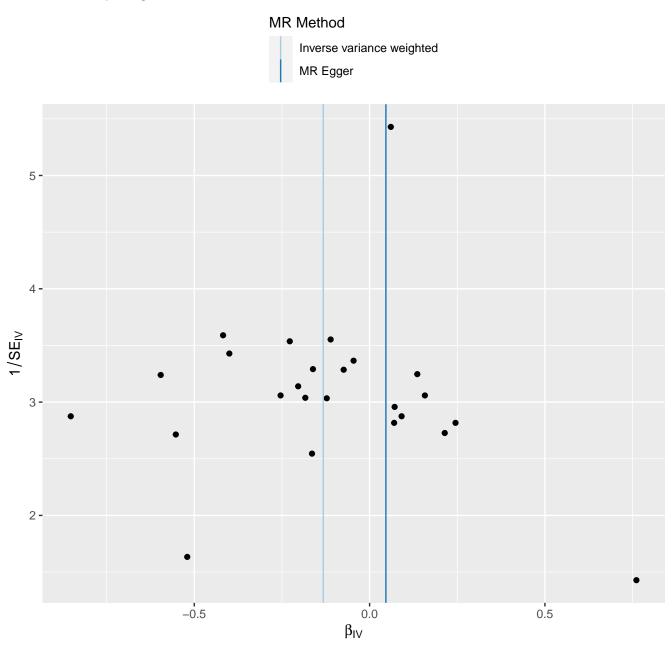
1-stearoylglycerophosphoinositol



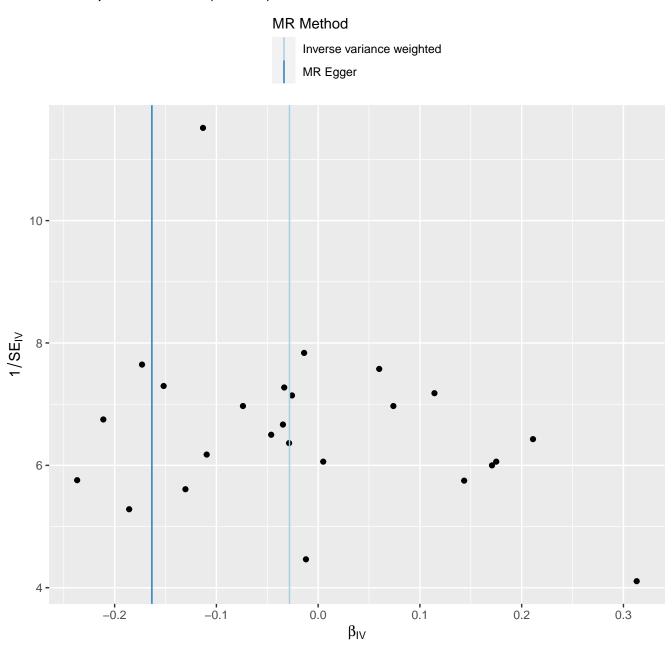
1,5-anhydroglucitol (1,5-AG)



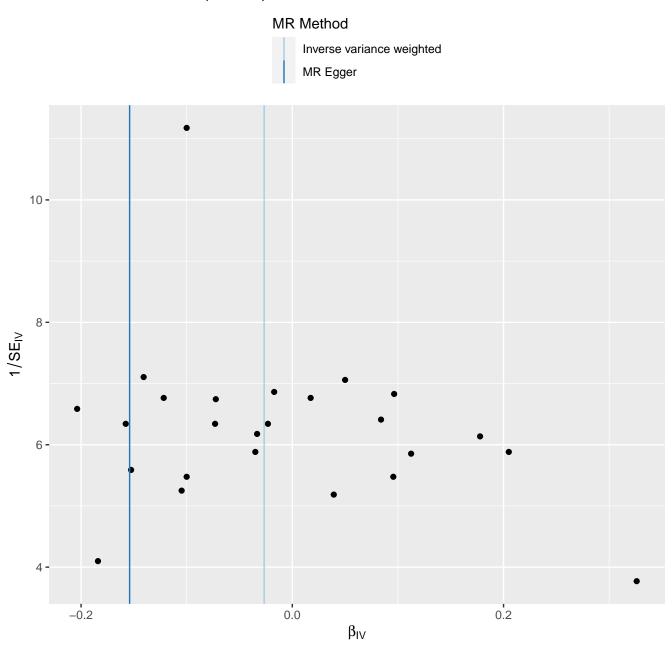
1,6-anhydroglucose



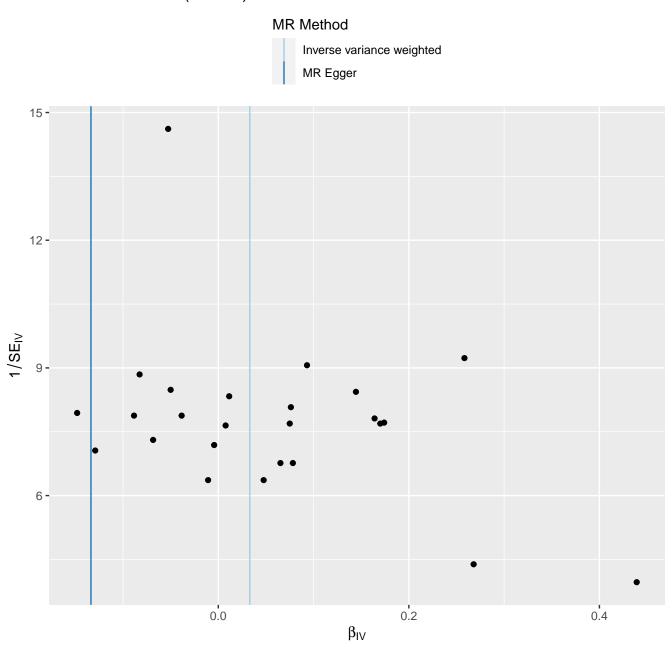
10-heptadecenoate (17:1n7)



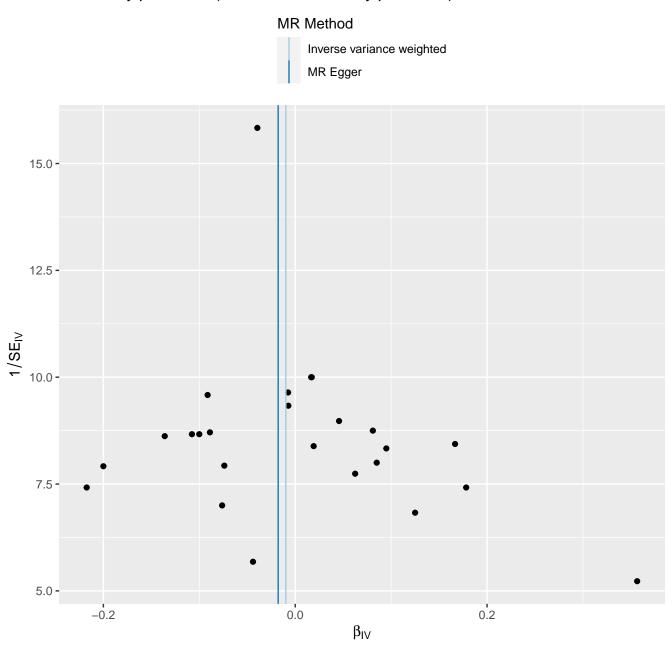
10-nonadecenoate (19:1n9)



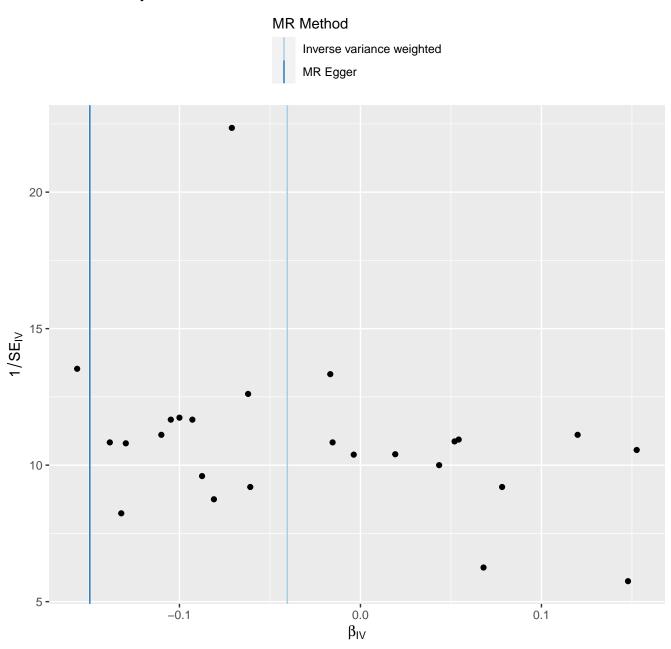
10-undecenoate (11:1n1)



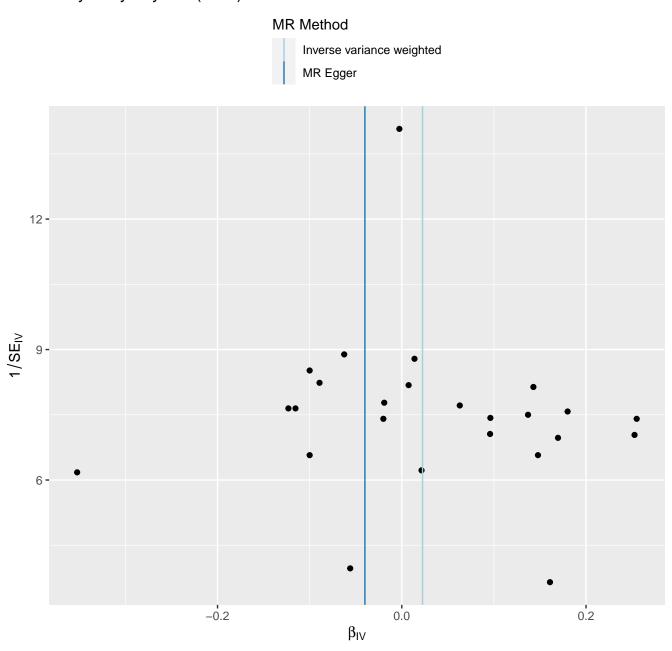
15-methylpalmitate (isobar with 2-methylpalmitate)



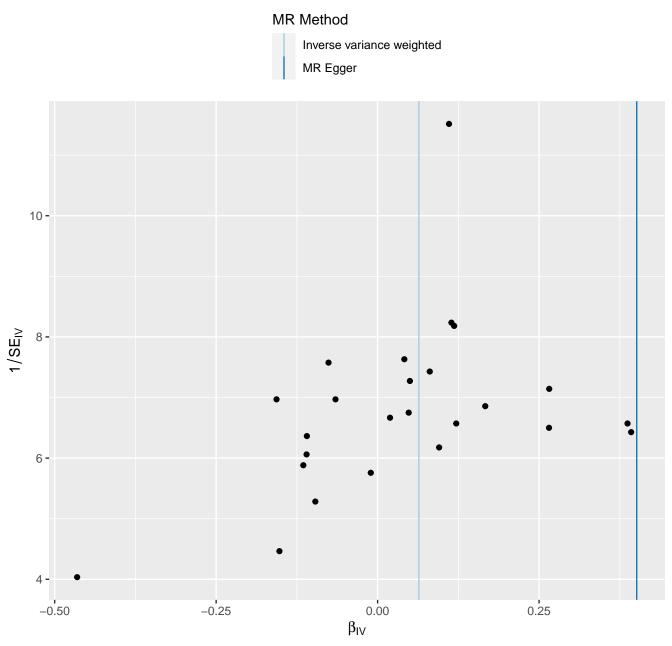
2-aminobutyrate



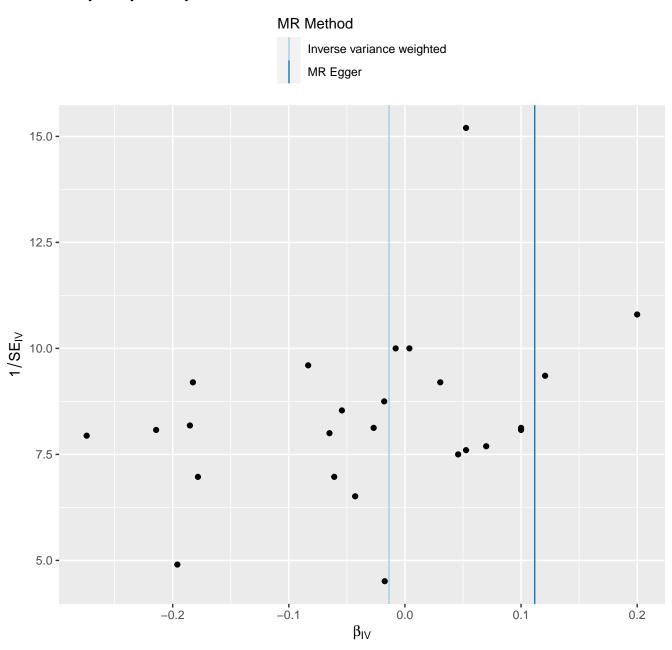
2-hydroxybutyrate (AHB)



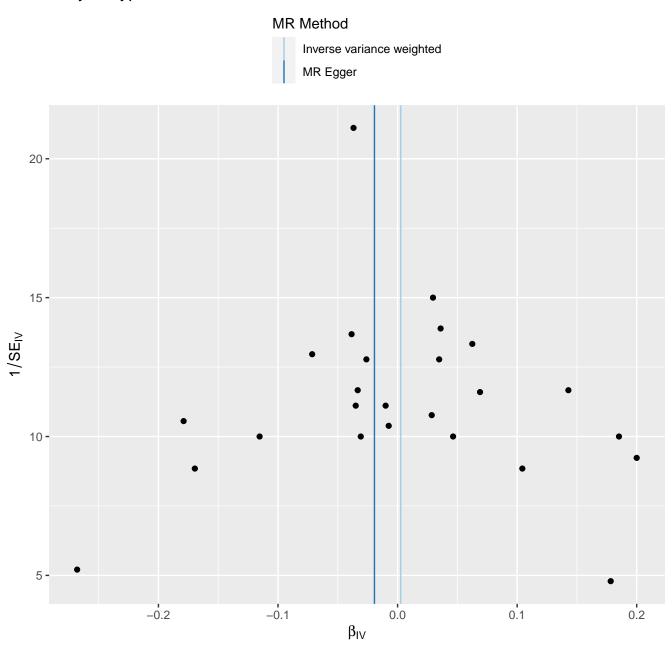
2-hydroxyglutarate



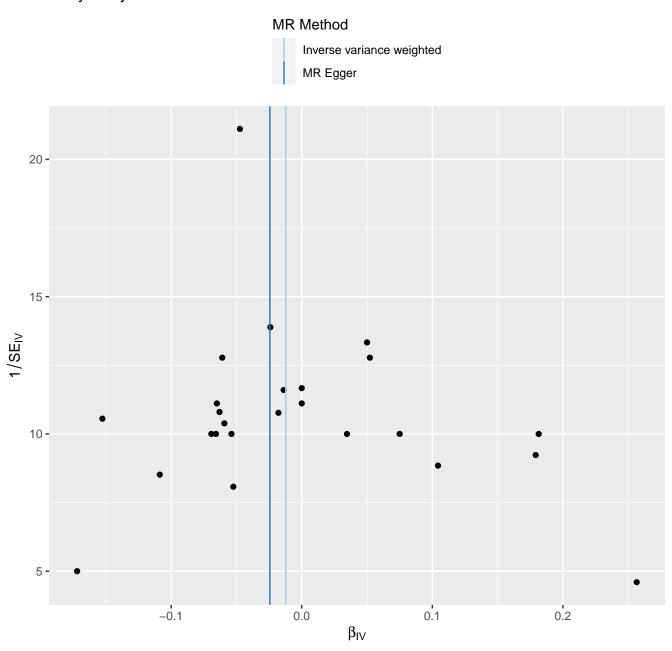
2-hydroxyisobutyrate



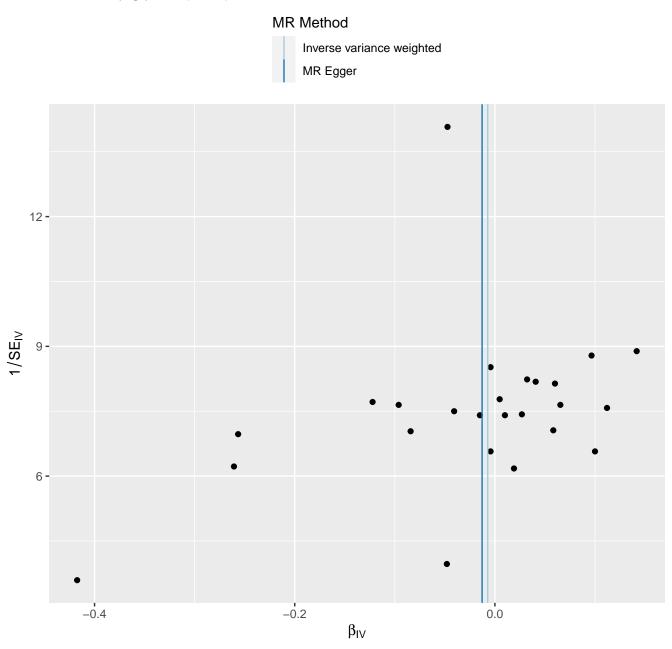
2-hydroxypalmitate



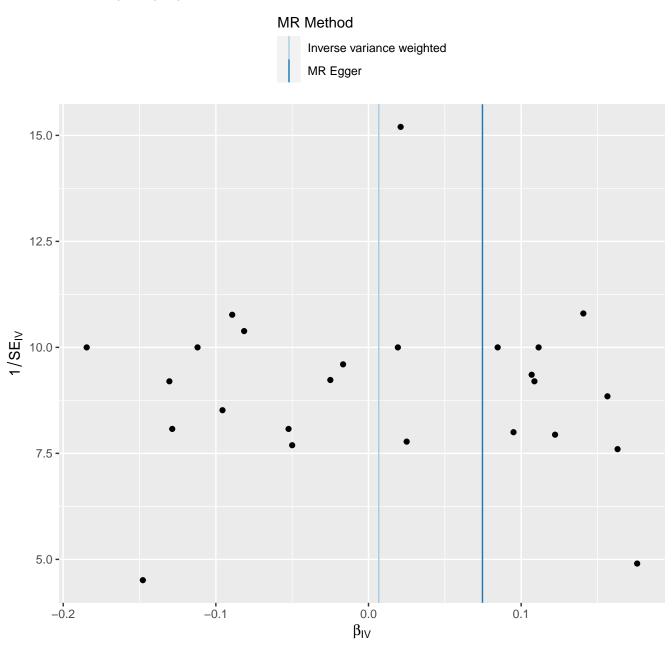
2-hydroxystearate



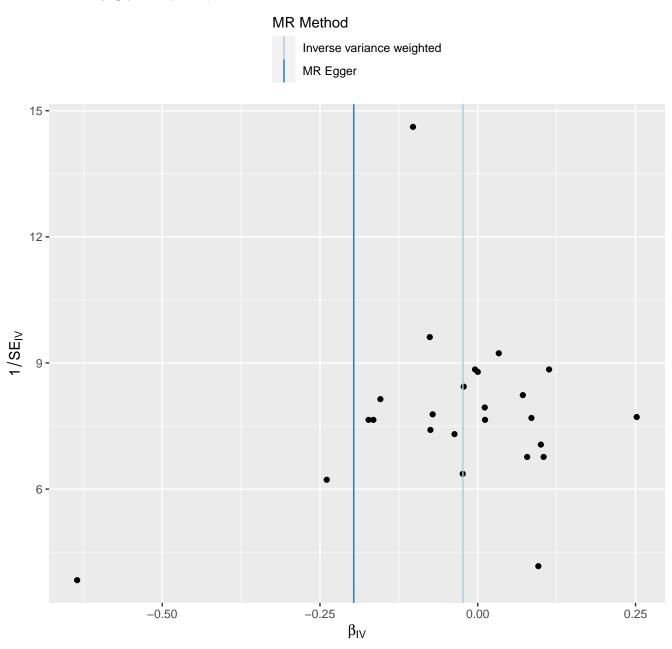
$2-linoleoylglycerophosphocholine^{\star}\\$



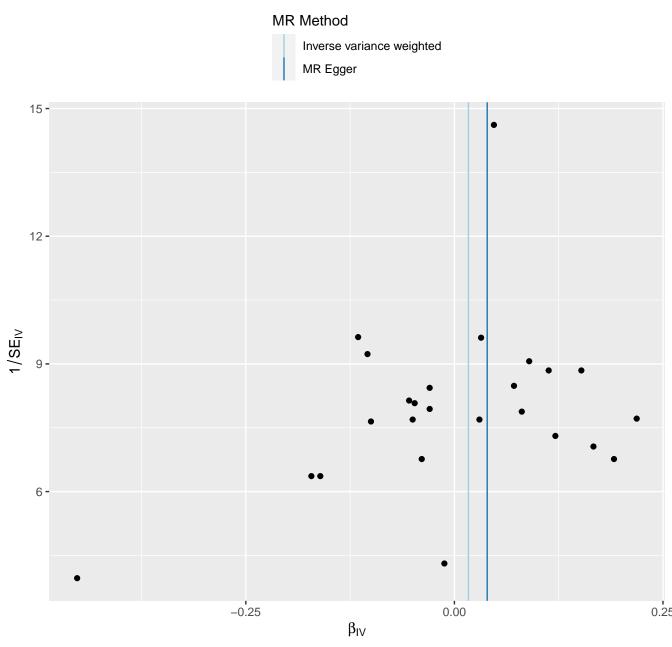
2-methylbutyroylcarnitine



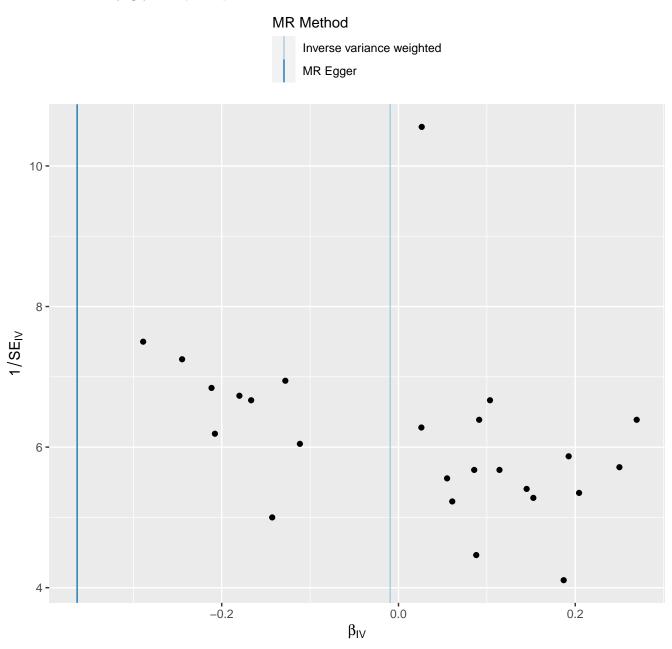
$2-oleoylglycerophosphocholine^{\star}\\$



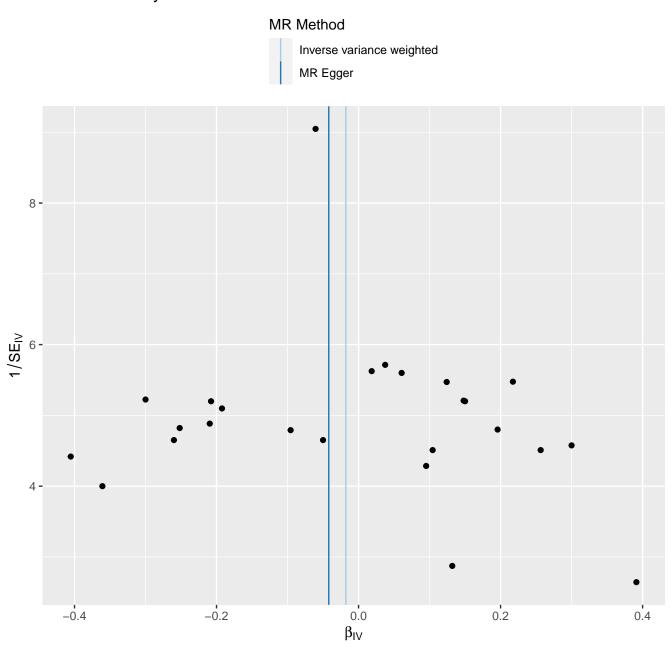
2-palmitoylglycerophosphocholine*



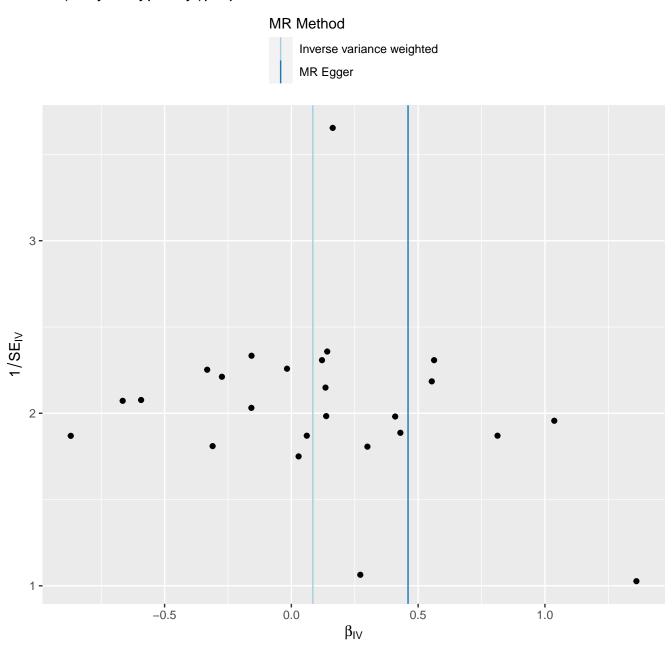
2-stearoylglycerophosphocholine*



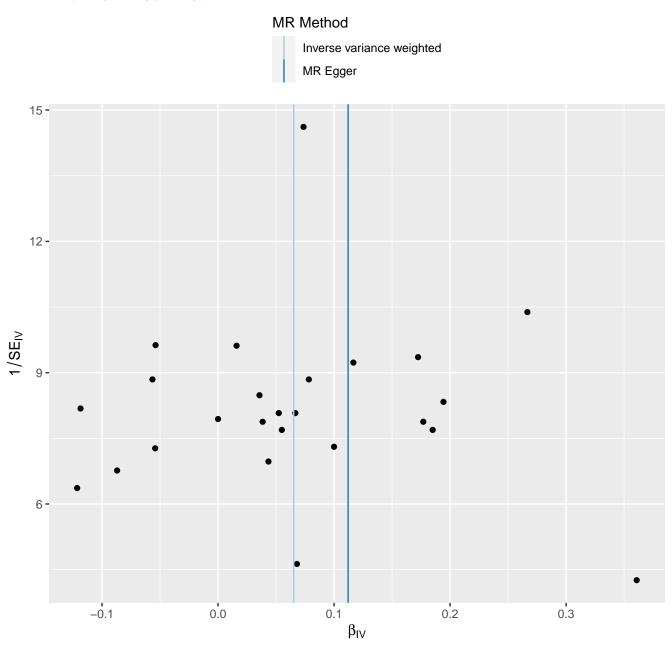
2-tetradecenoyl carnitine



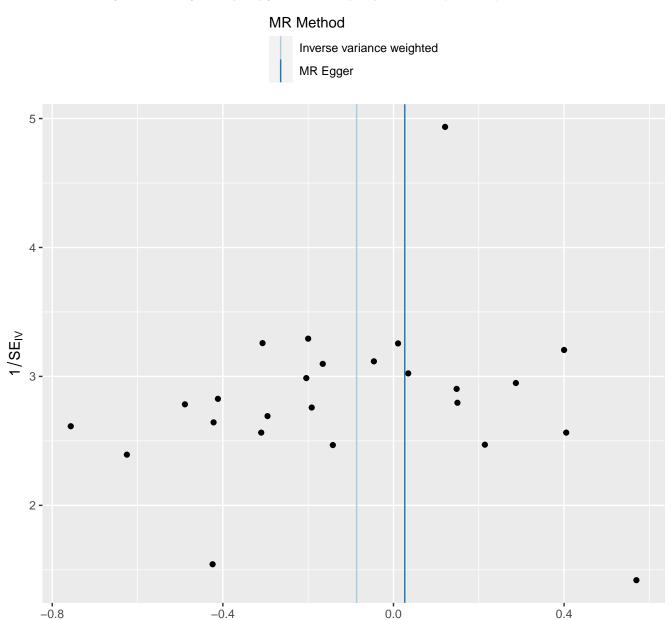
3-(3-hydroxyphenyl)propionate



3-(4-hydroxyphenyl)lactate

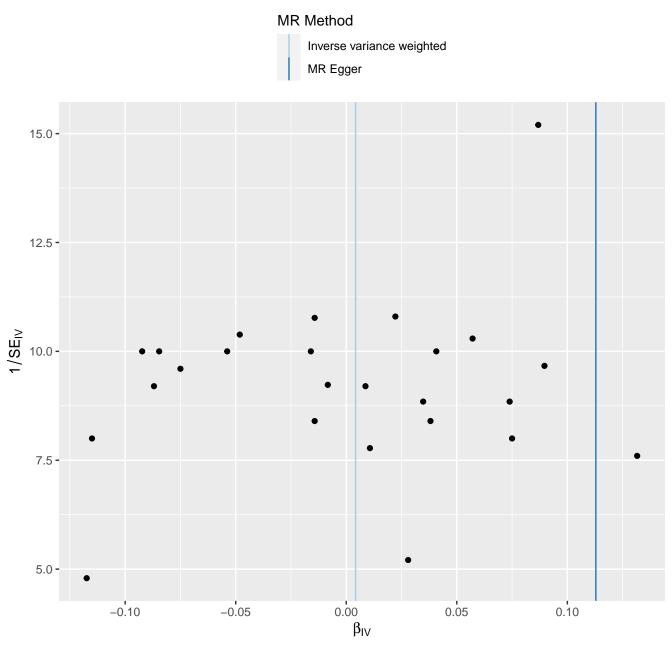


3-carboxy-4-methyl-5-propyl-2-furanpropanoate (CMPF)

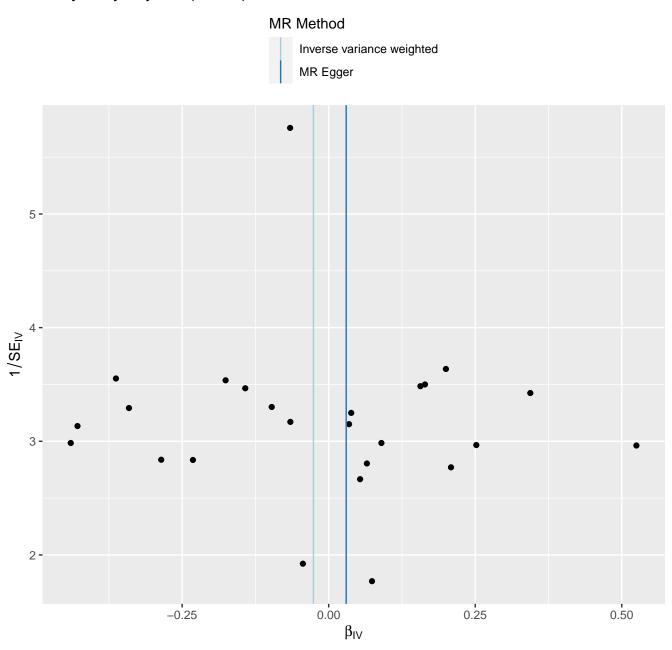


 β_{IV}

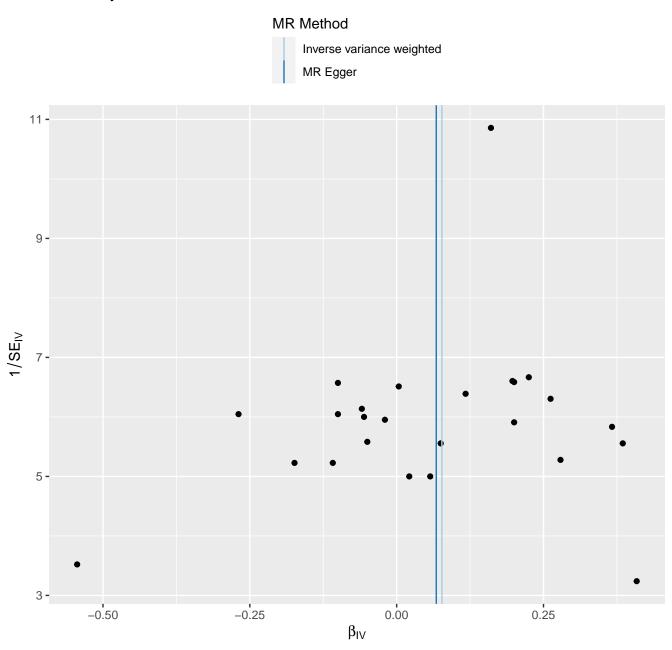
3-dehydrocarnitine*



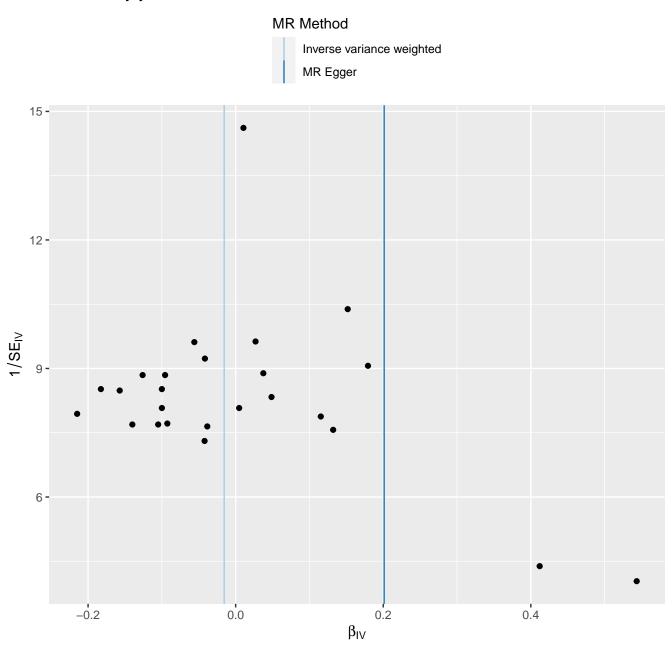
3-hydroxybutyrate (BHBA)



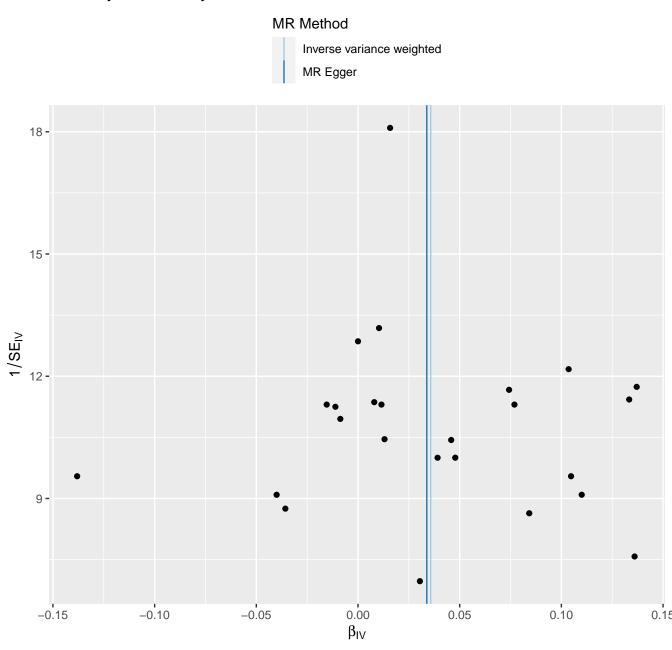
3-indoxyl sulfate



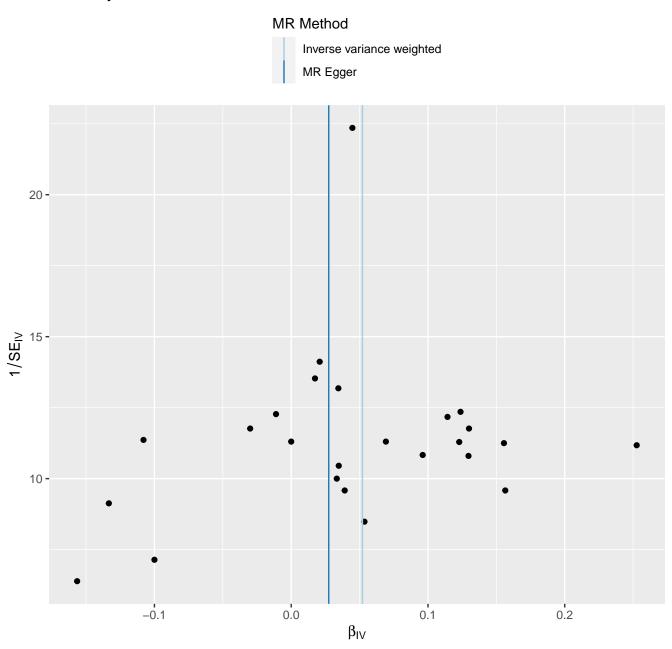
3-methoxytyrosine



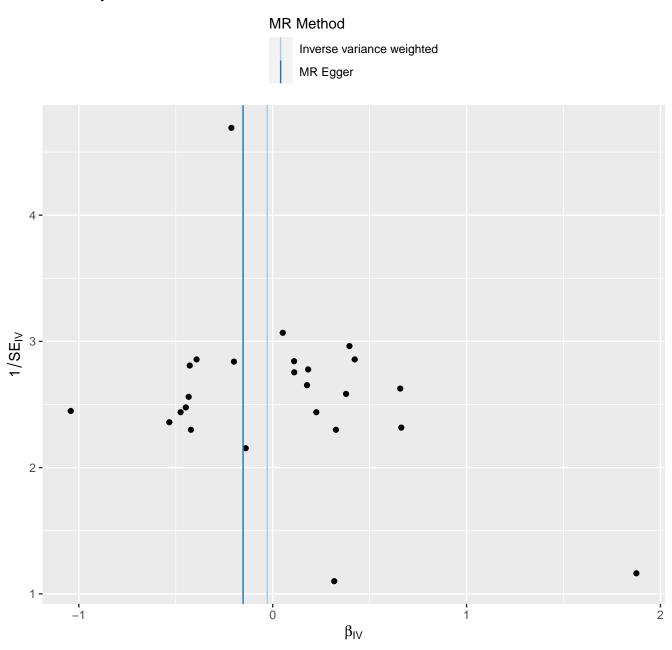
3-methyl-2-oxobutyrate



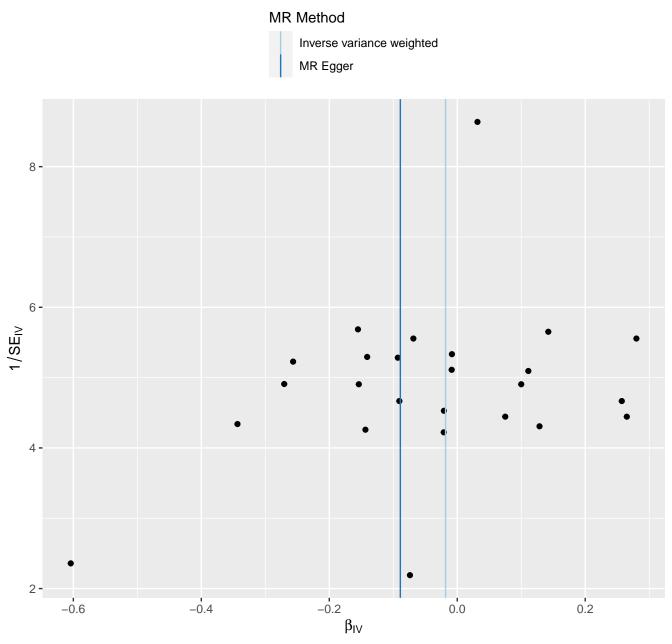
3-methyl-2-oxovalerate



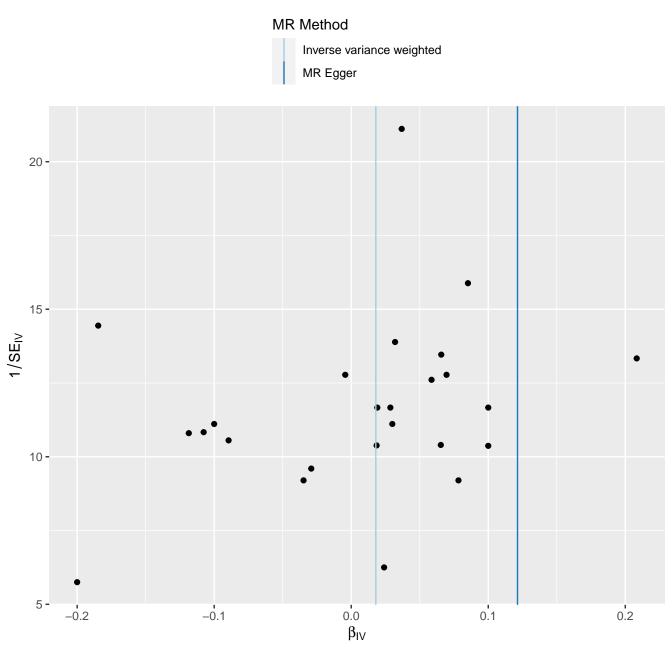
3-methylhistidine



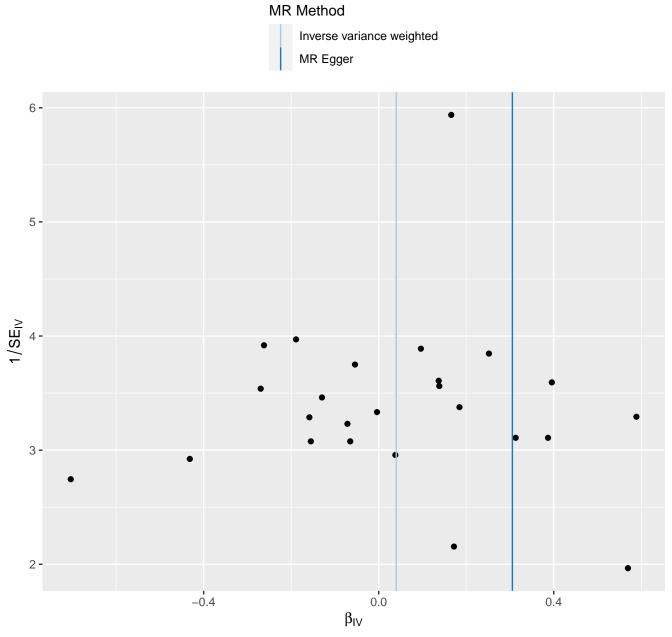
3-phenylpropionate (hydrocinnamate)



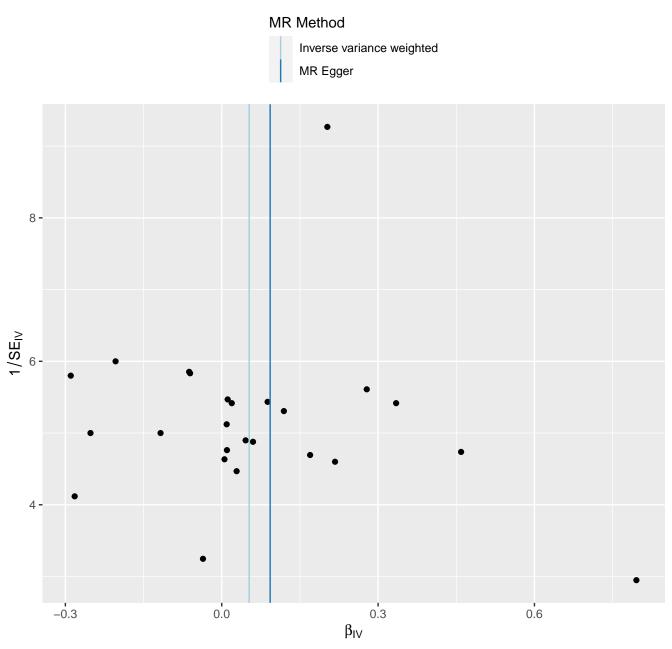
4-acetamidobutanoate



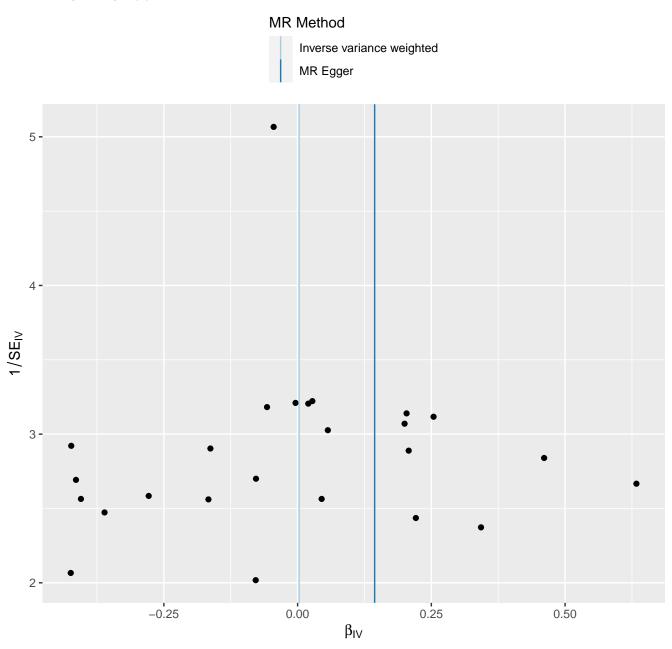
4-androsten-3beta,17beta-diol disulfate 1*



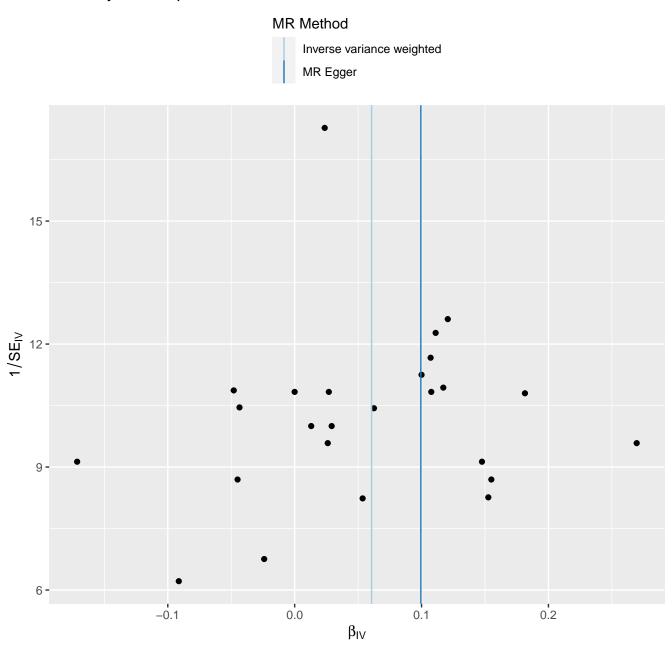
4-androsten-3beta,17beta-diol disulfate 2*



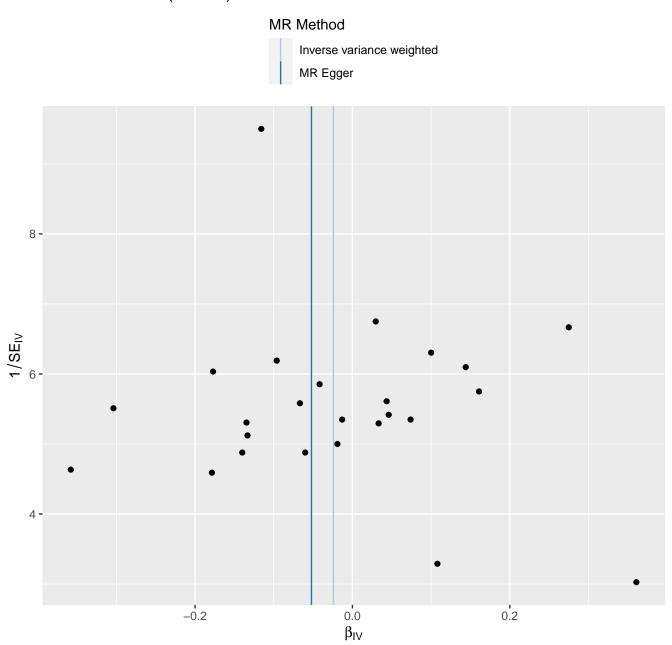
4-hydroxyhippurate



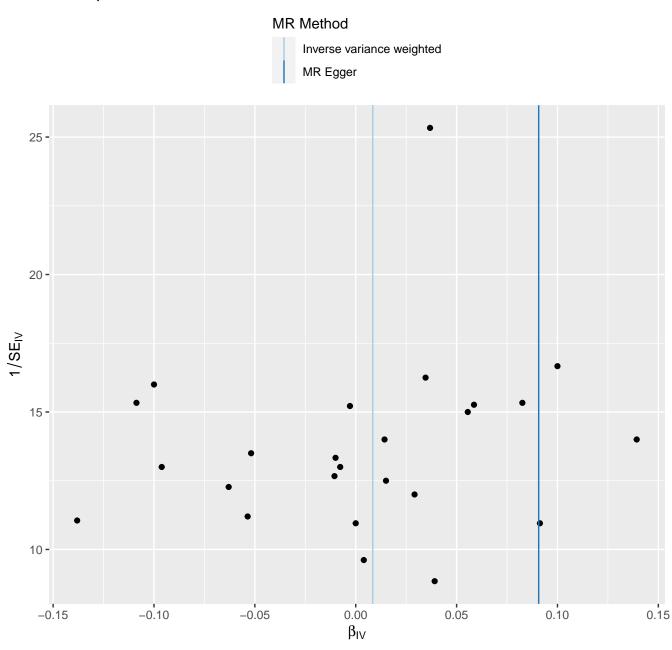
4-methyl-2-oxopentanoate



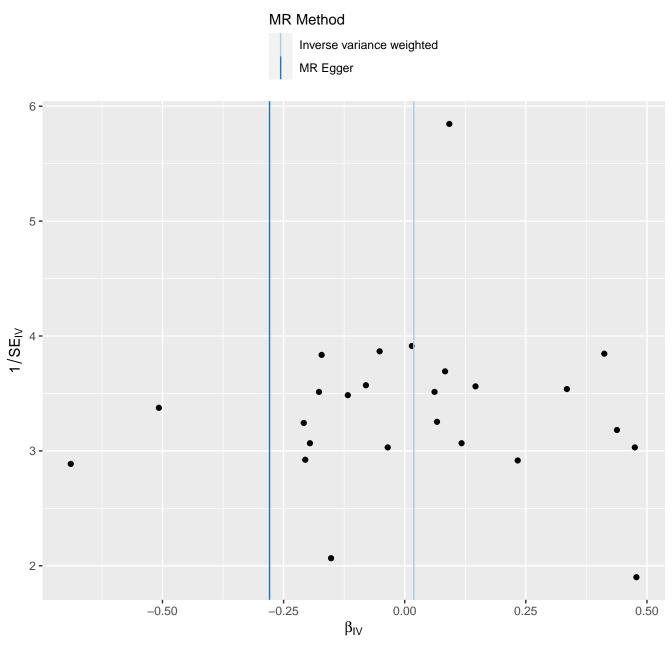
5-dodecenoate (12:1n7)



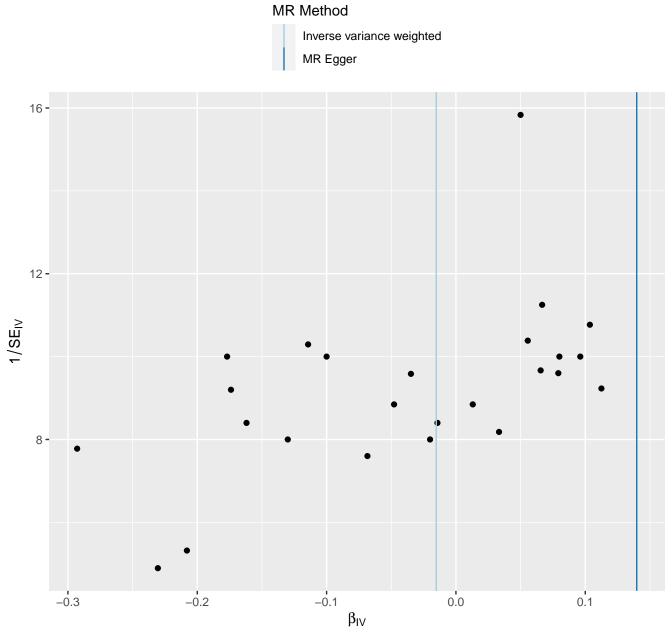
5-oxoproline



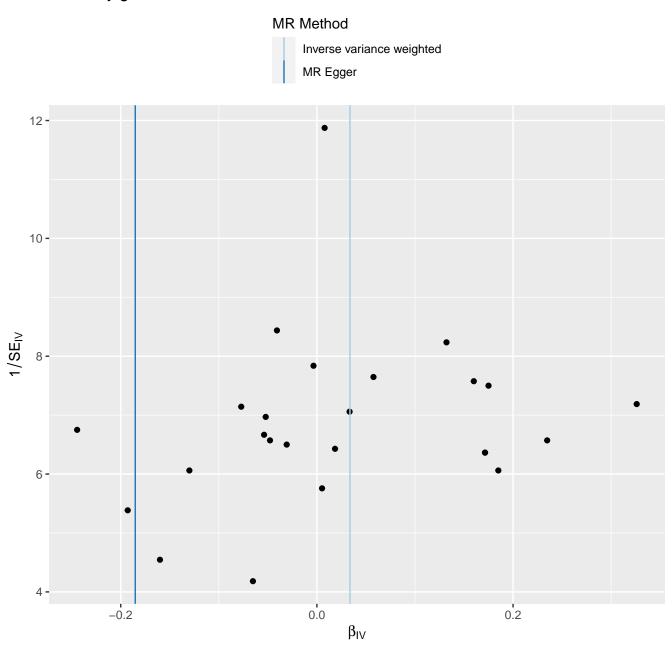
5alpha-androstan-3beta,17beta-diol disulfate



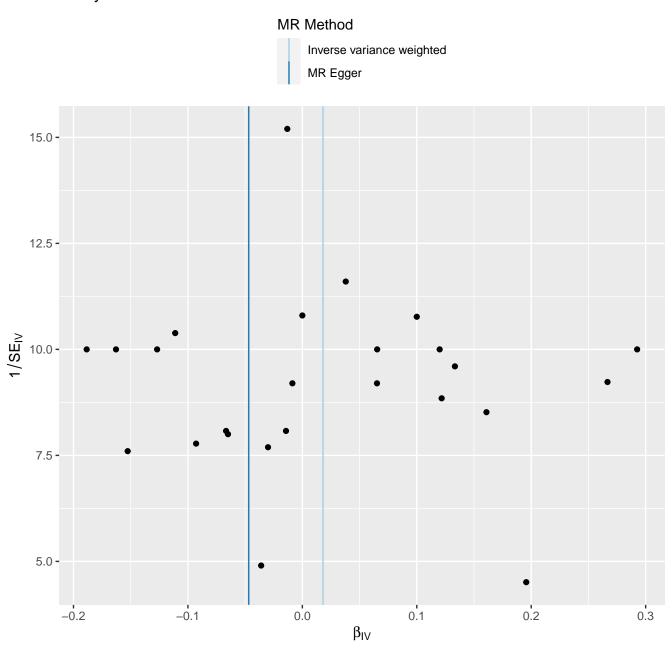
7-alpha-hydroxy-3-oxo-4-cholestenoate (7-Hoca)



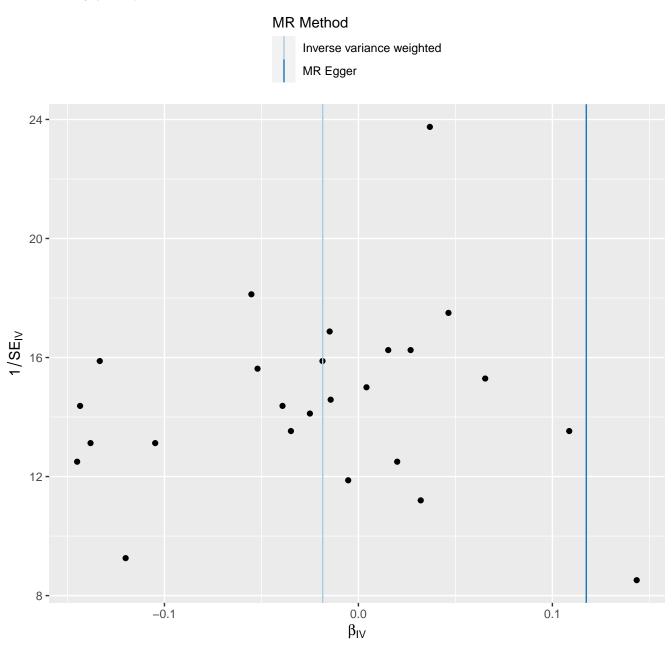
7-methylguanine



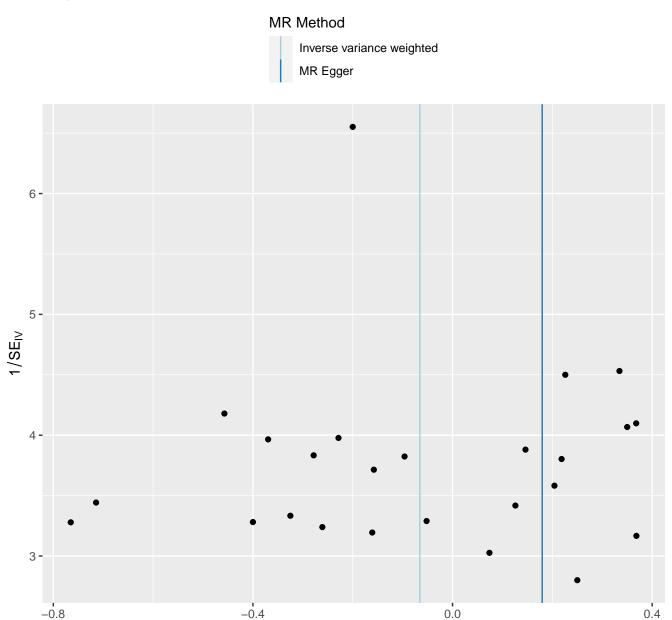
Acetylcarnitine



Acetylphosphate

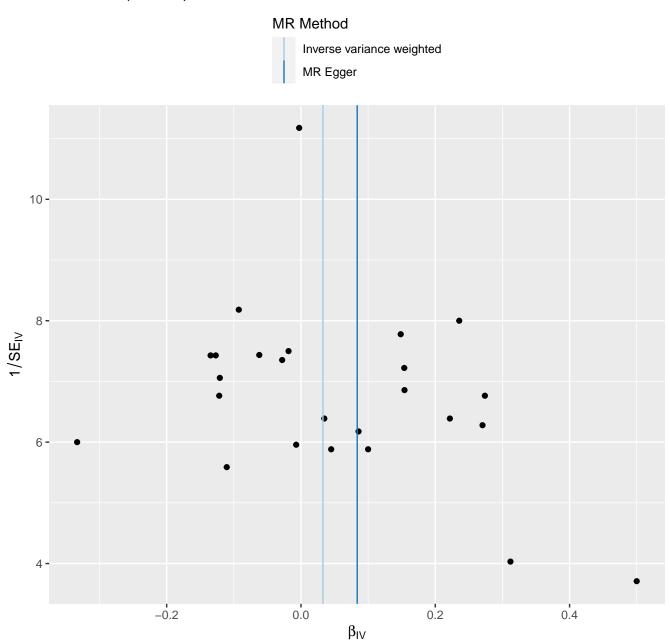


ADpSGEGDFXAEGGGVR*

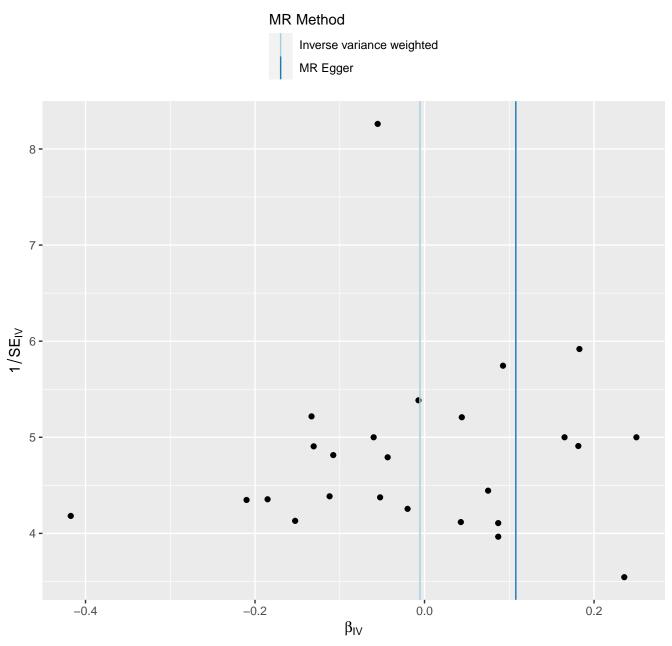


 β_{IV}

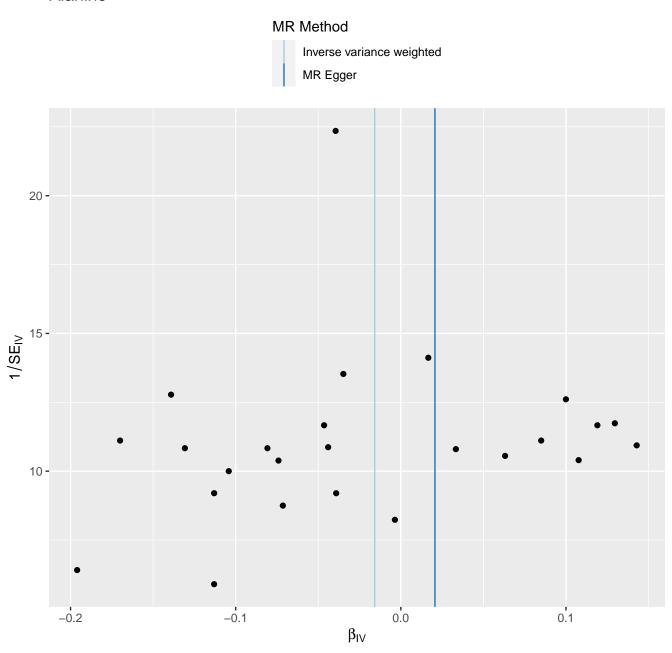
Adrenate (22:4n6)



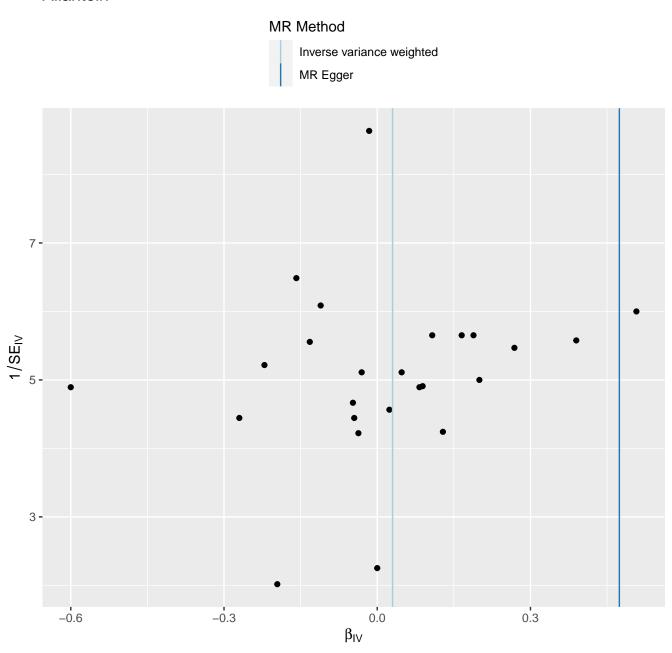
ADSGEGDFXAEGGGVR*



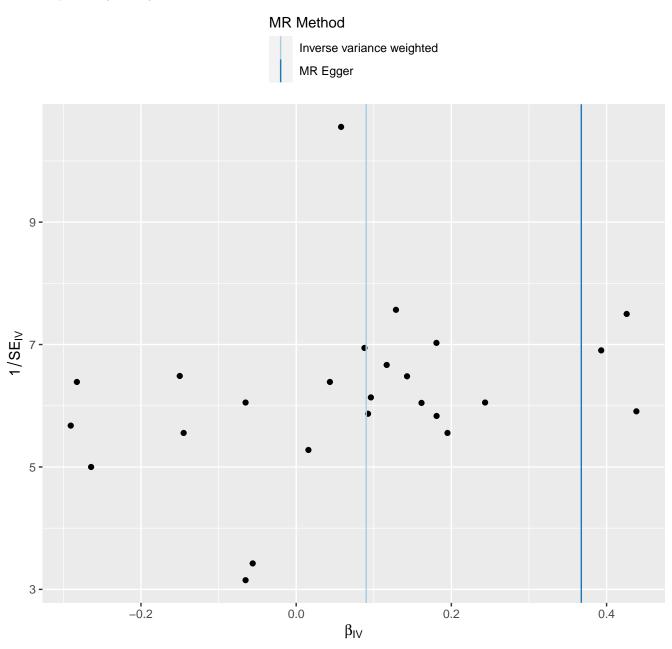
Alanine



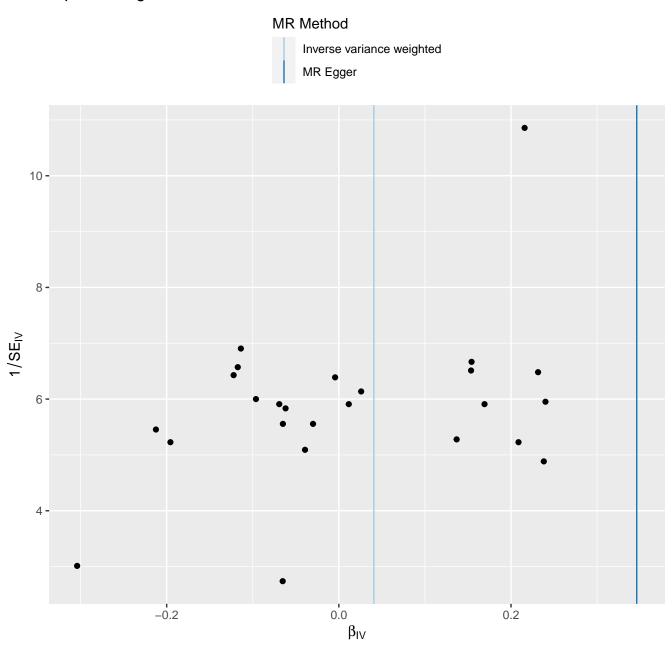
Allantoin



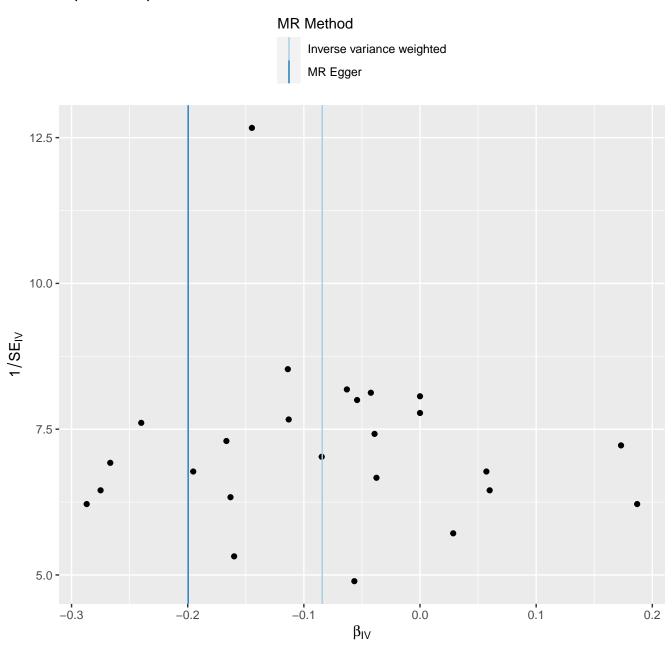
Alpha-hydroxyisovalerate



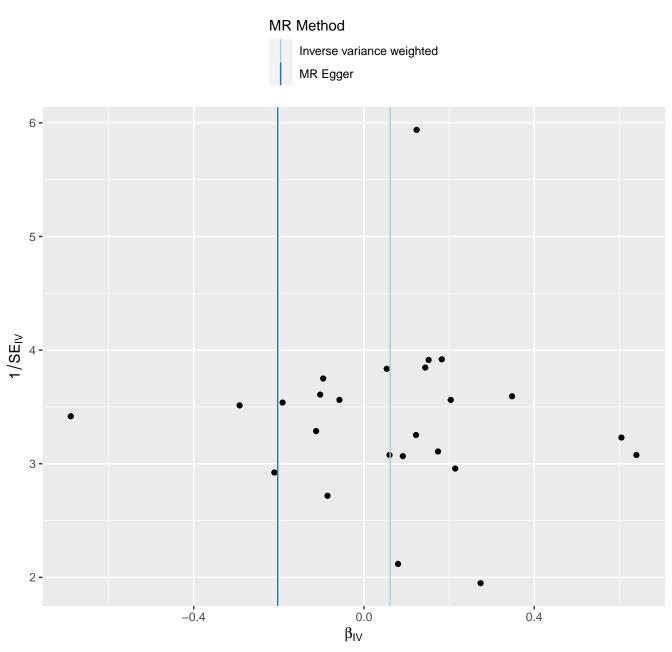
Alpha-ketoglutarate



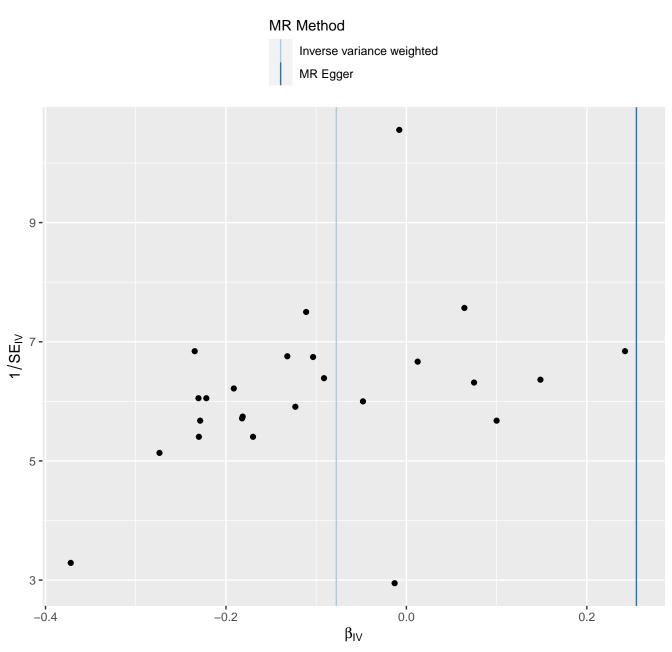
Alpha-tocopherol



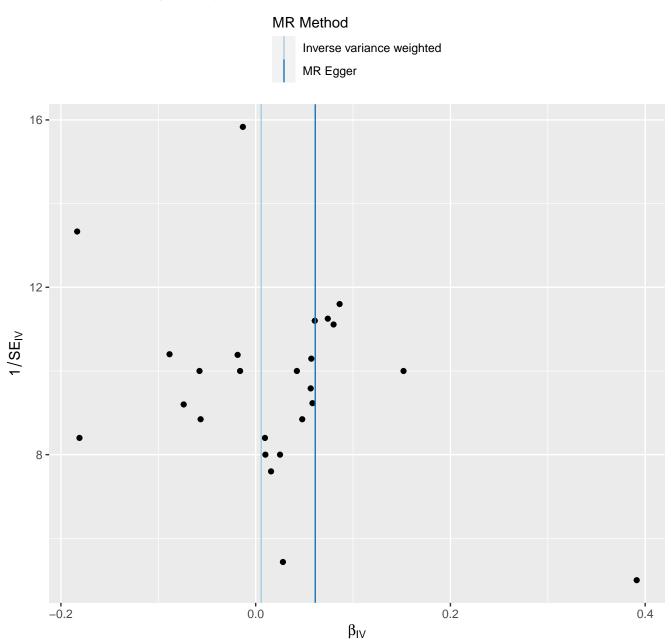
Androsterone sulfate



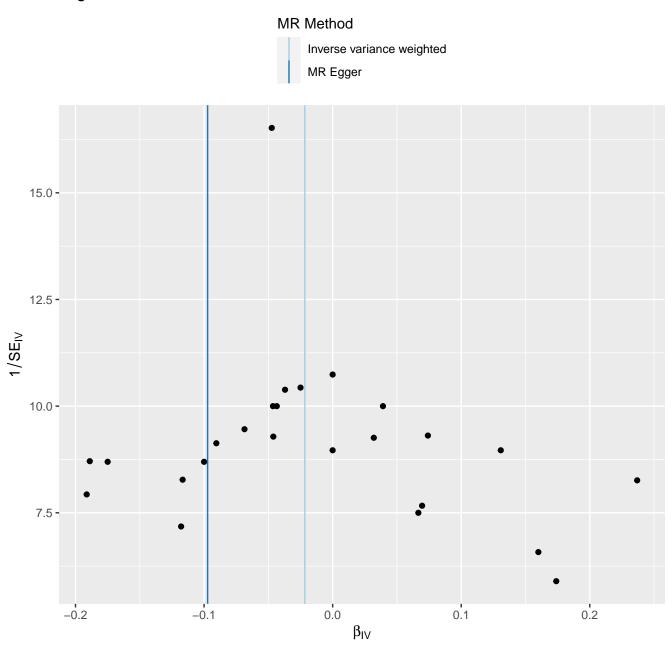
Arabinose



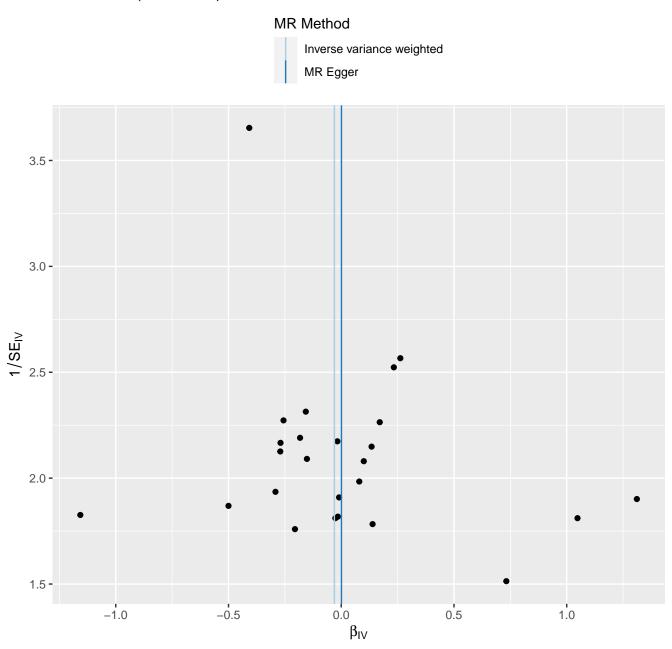
Arachidonate (20:4n6)



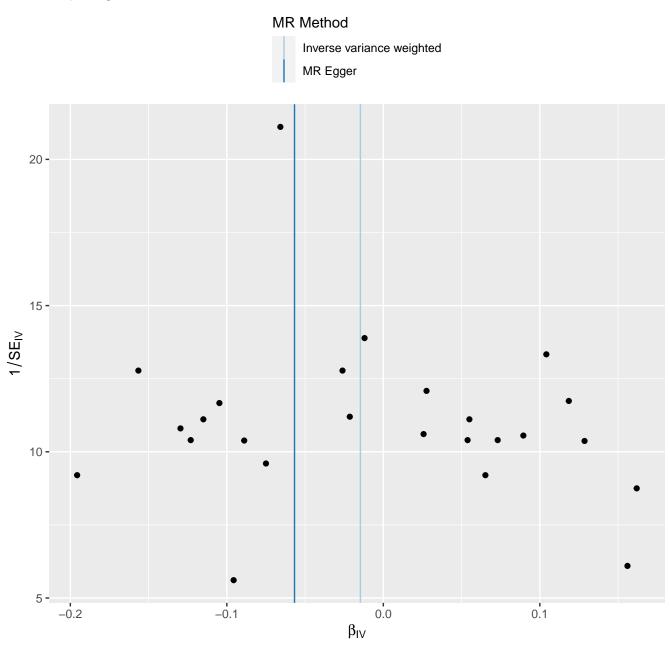
Arginine



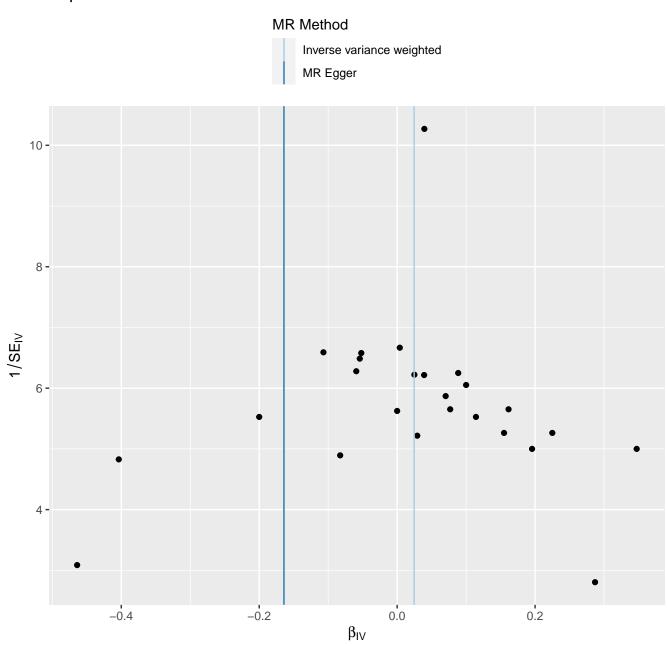
Ascorbate (Vitamin C)



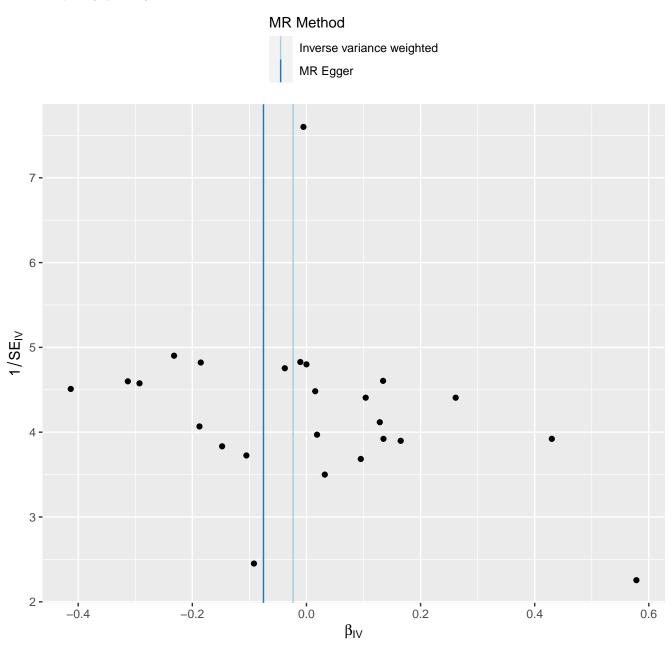
Asparagine



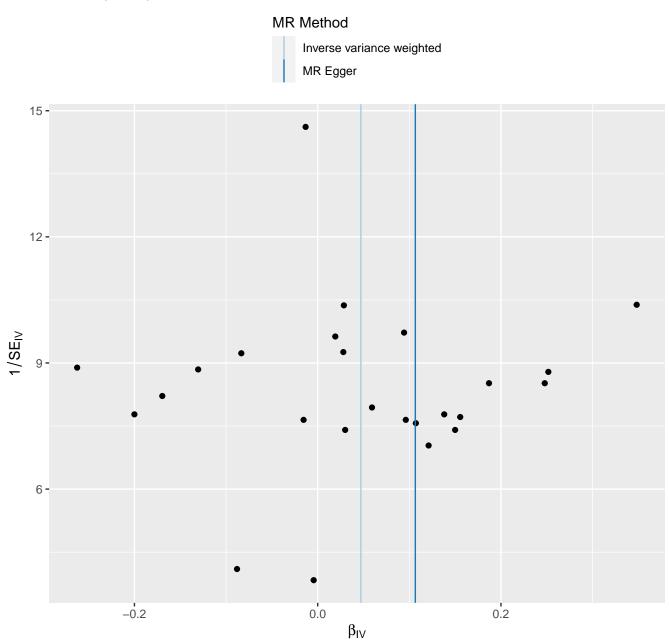
Aspartate



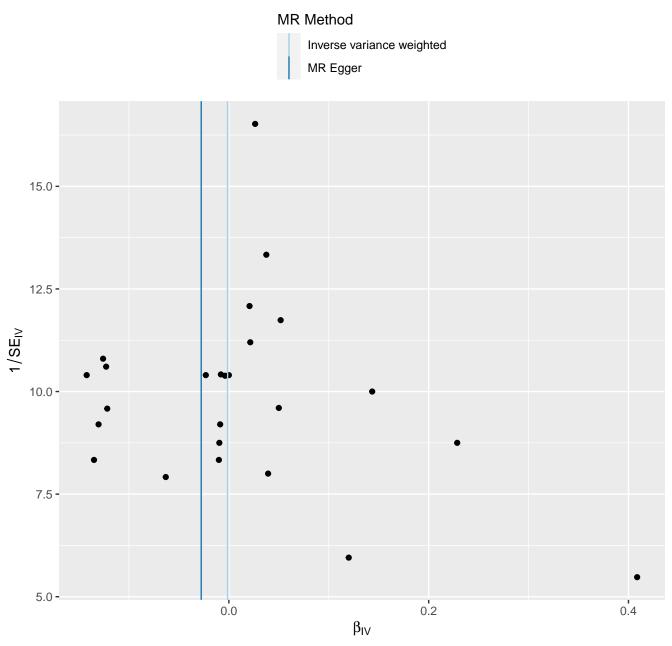
Aspartylphenylalanine



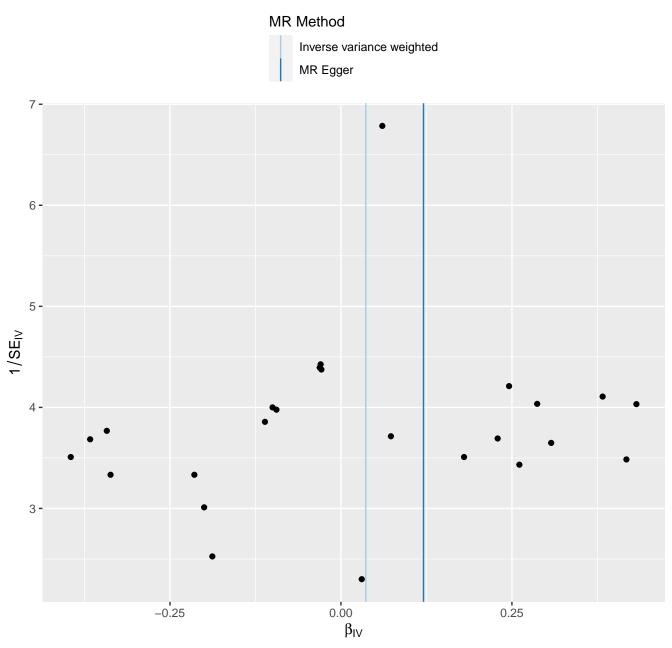
Beta-hydroxyisovalerate



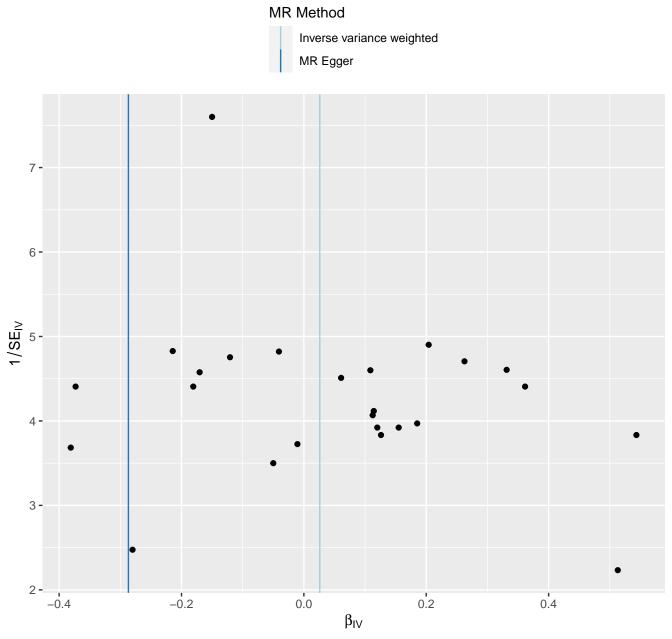
Betaine



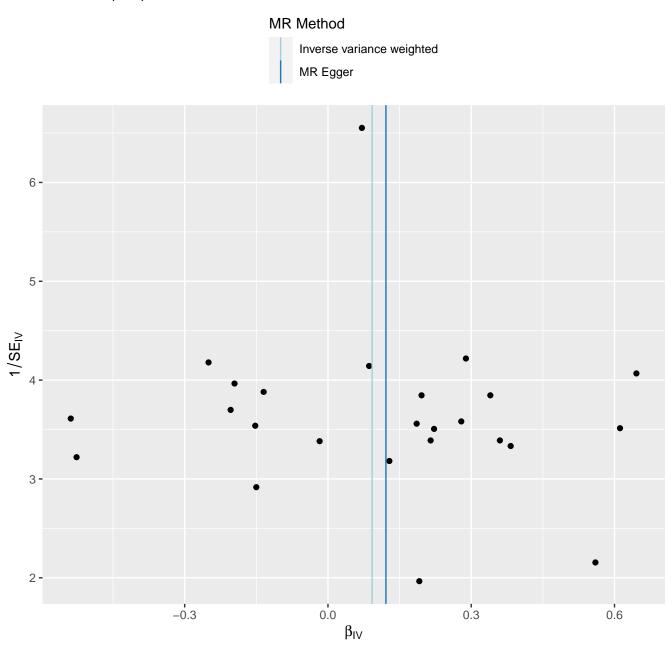
Bilirubin $(E,E)^*$



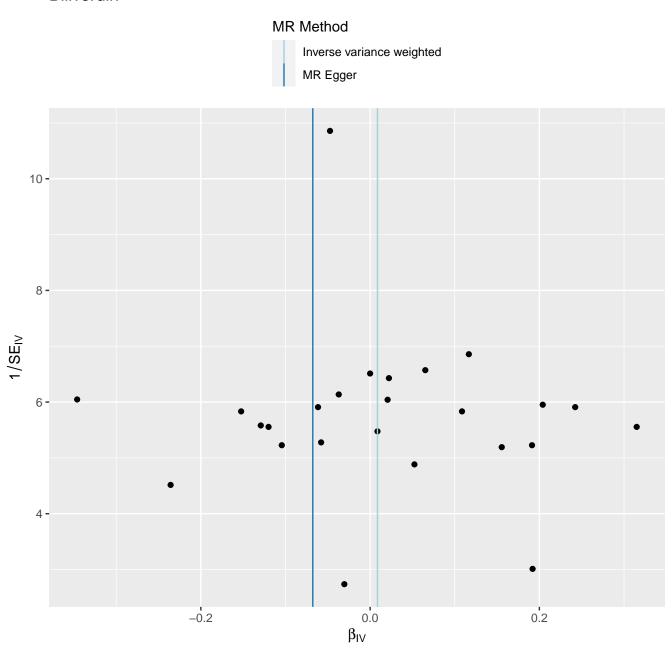
Bilirubin $(E,Z \text{ or } Z,E)^*$



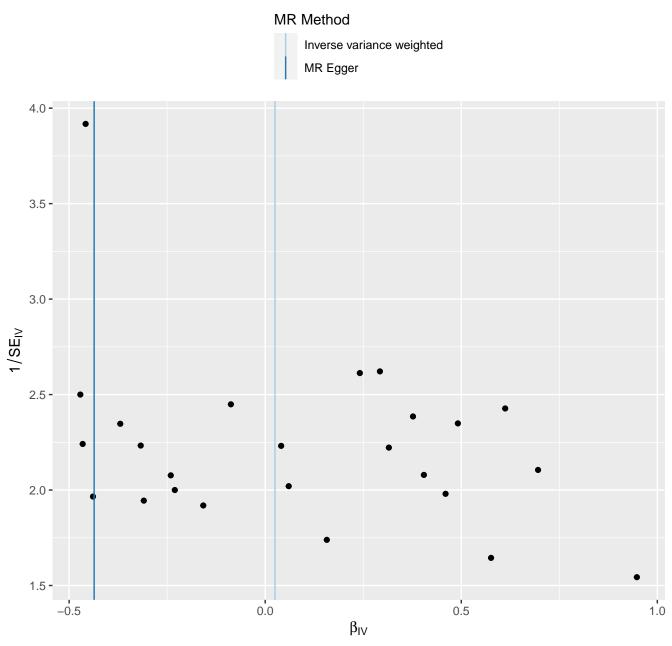
Bilirubin (Z,Z)



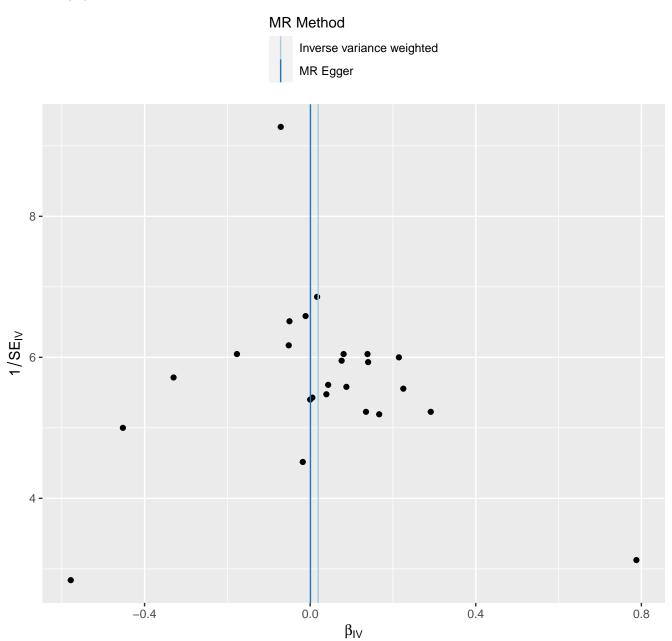
Biliverdin



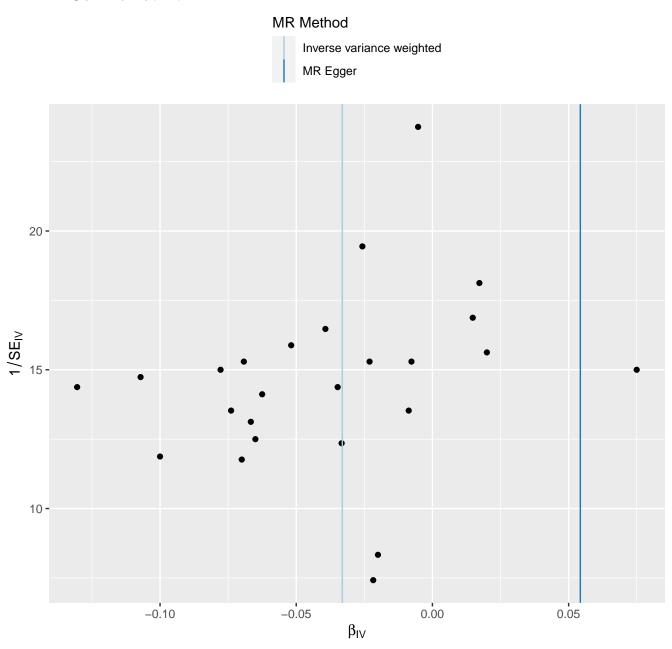
Bradykinin, des-arg(9)



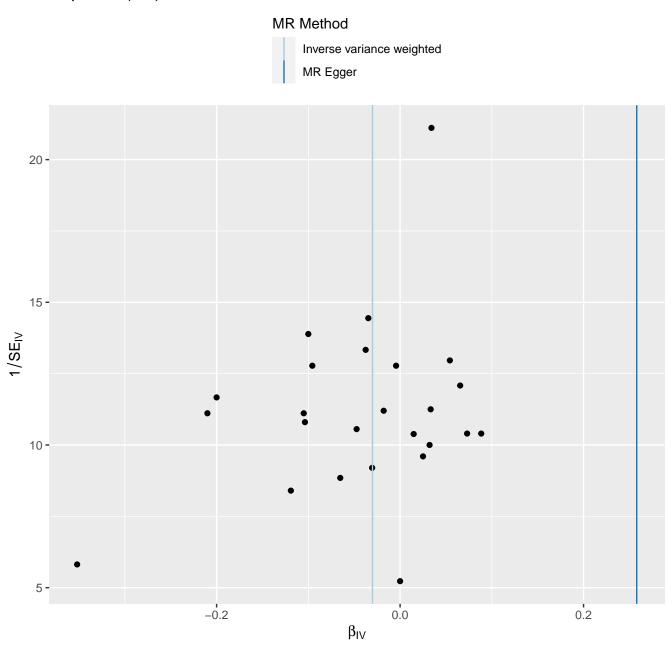
Butyrylcarnitine



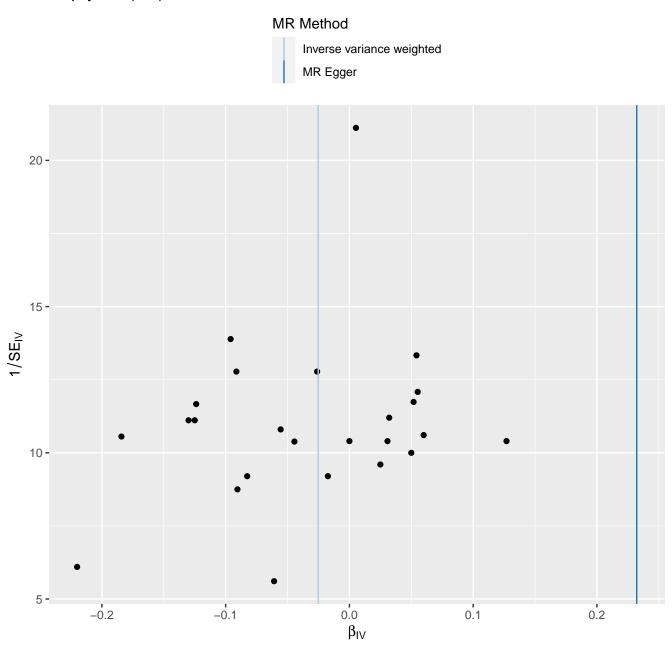
C-glycosyltryptophan*



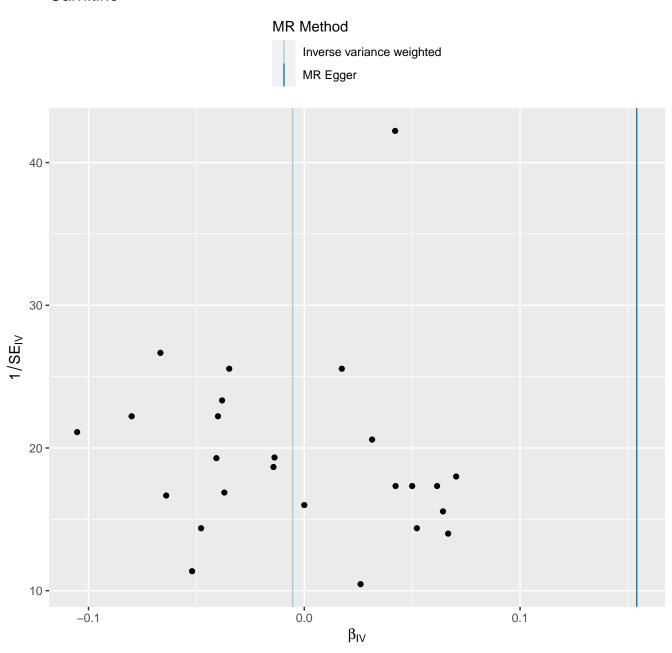
Caproate (6:0)



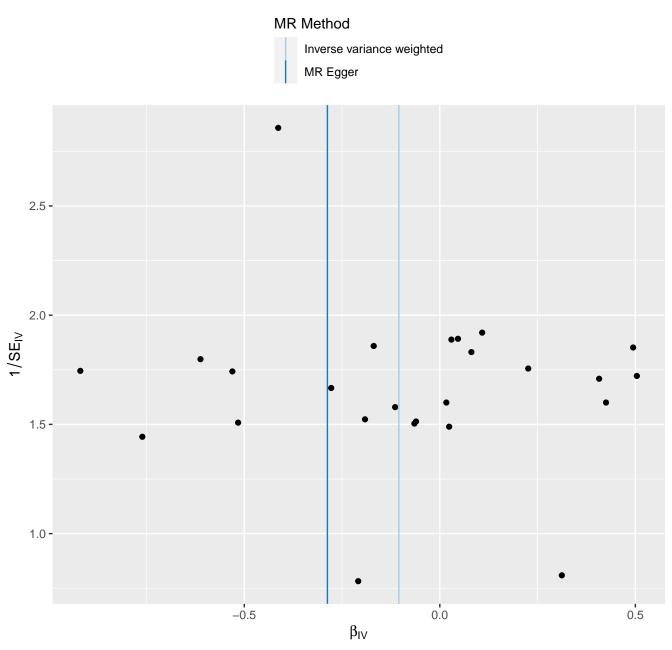
Caprylate (8:0)



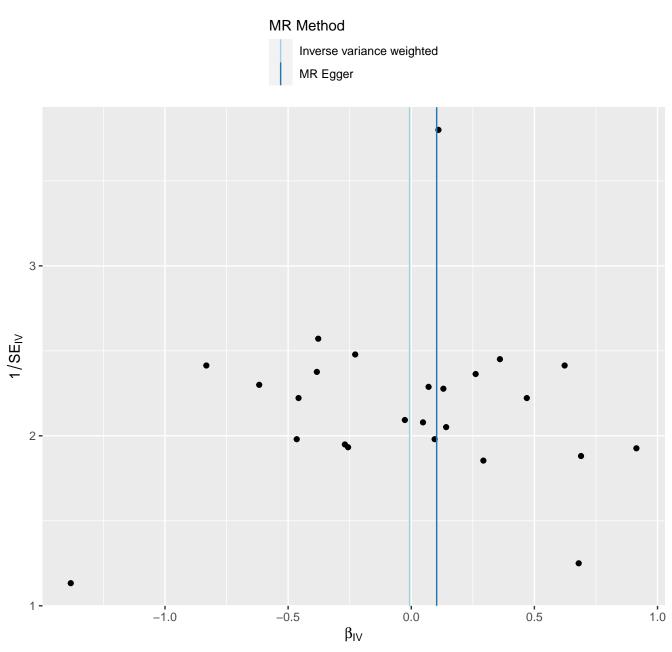
Carnitine



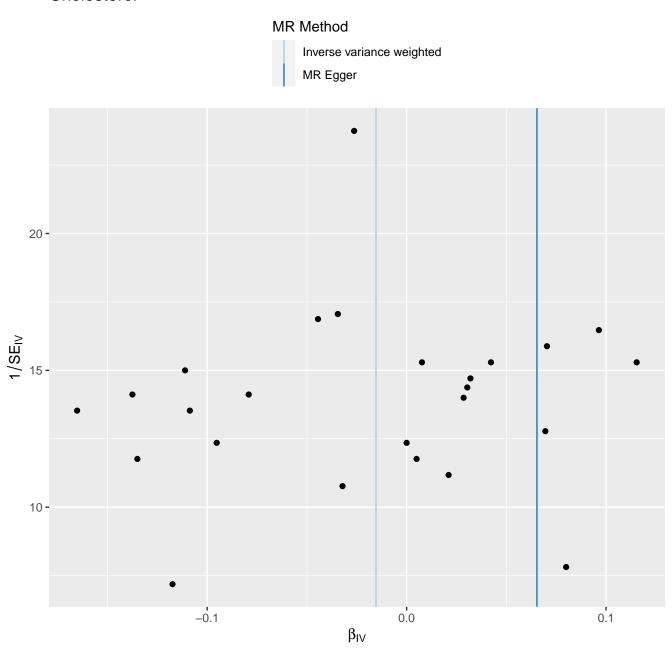
Chiro-inositol



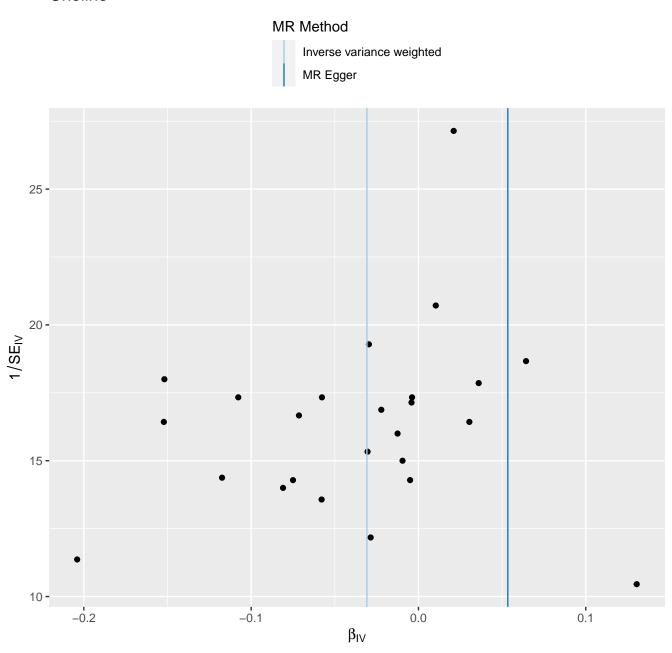
Cholate



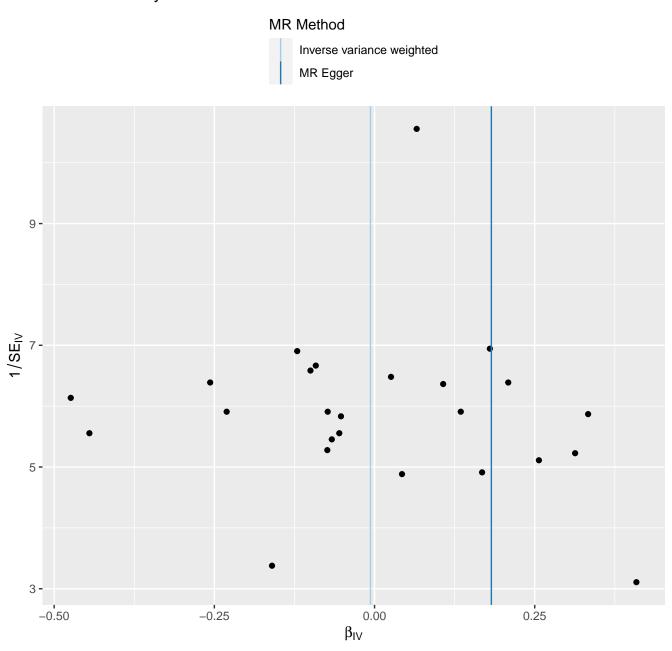
Cholesterol



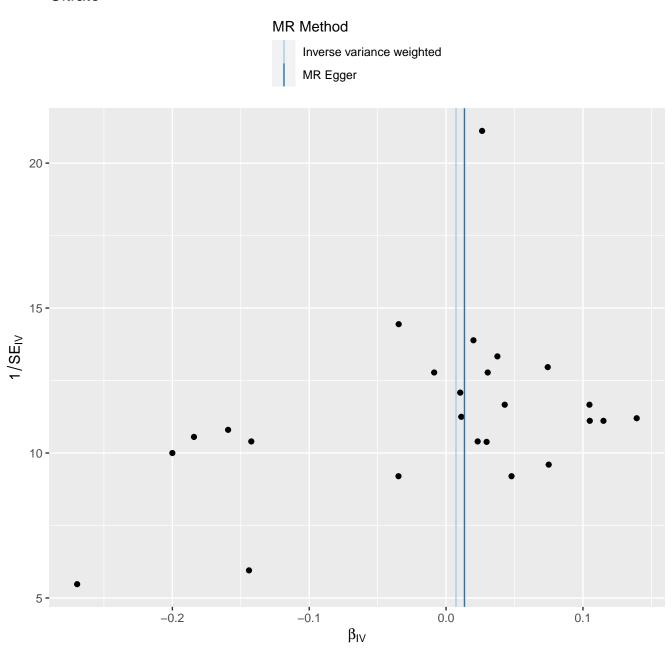
Choline



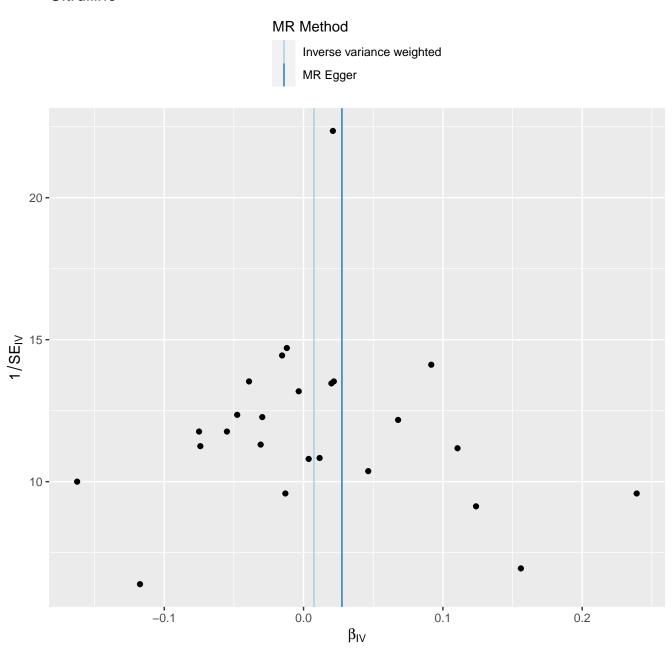
Cis-4-decenoyl carnitine



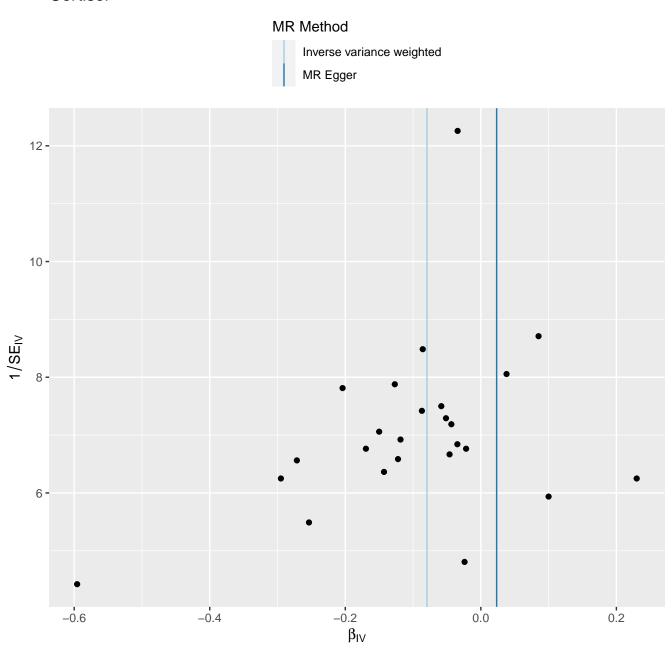
Citrate



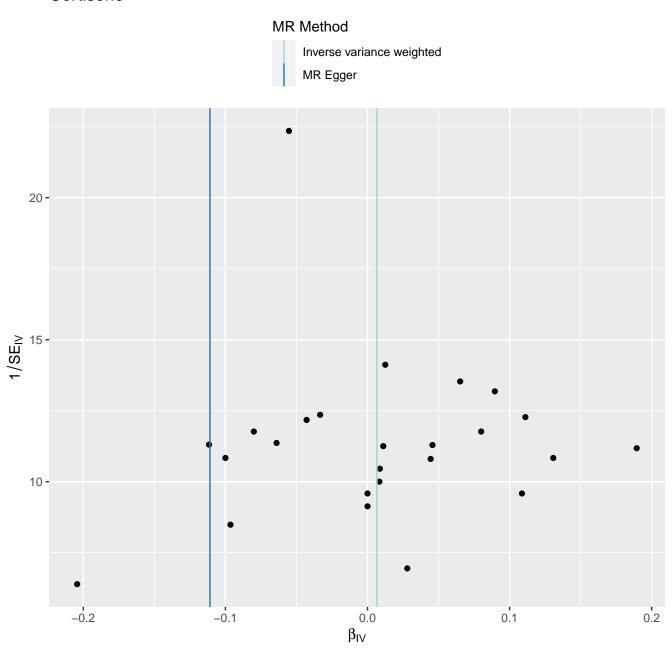
Citrulline



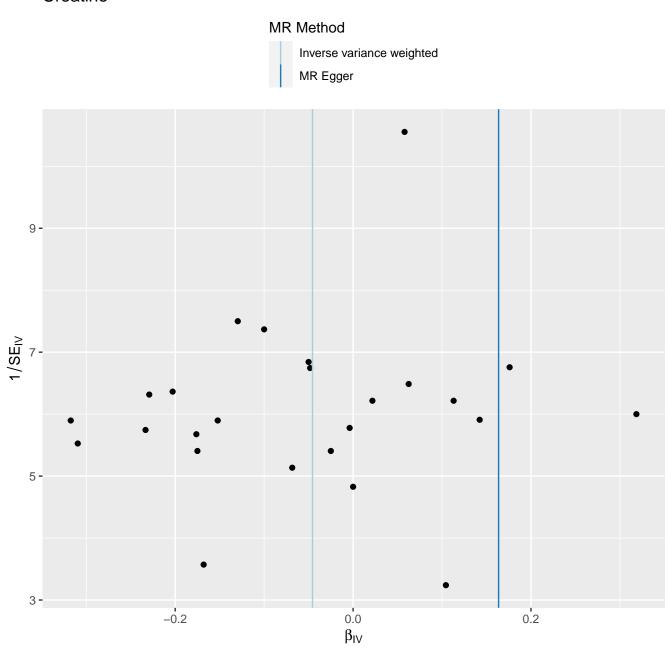
Cortisol



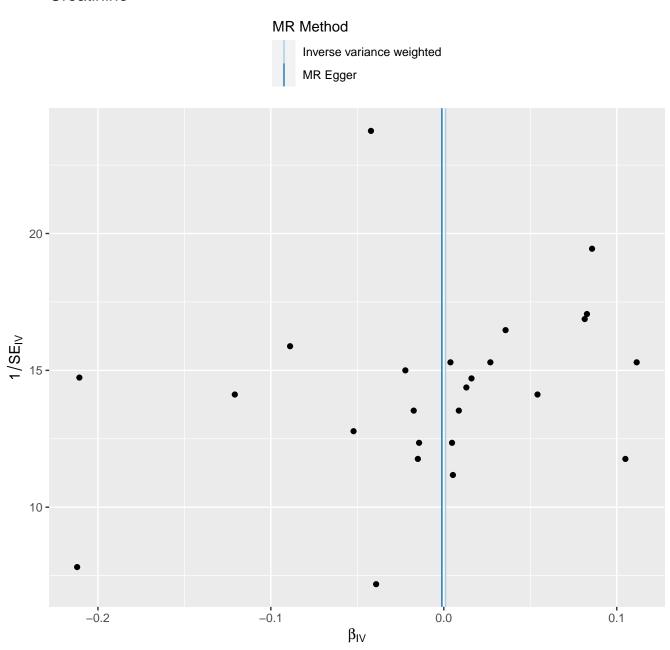
Cortisone



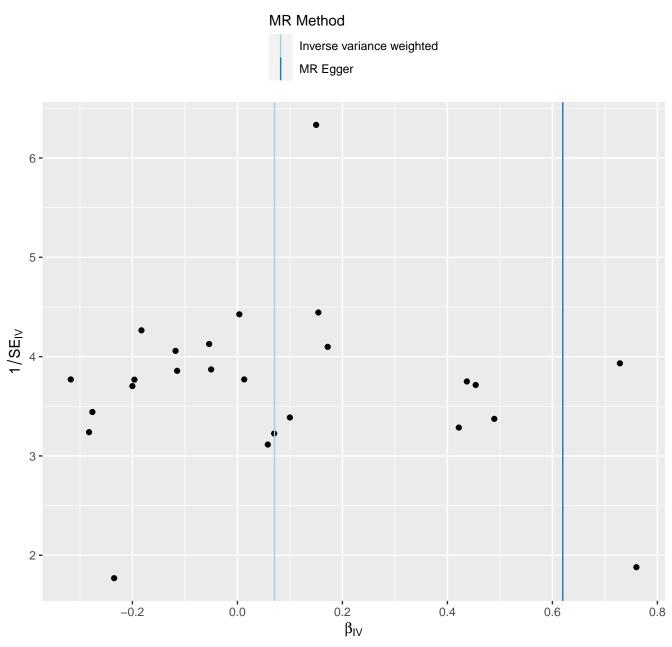
Creatine



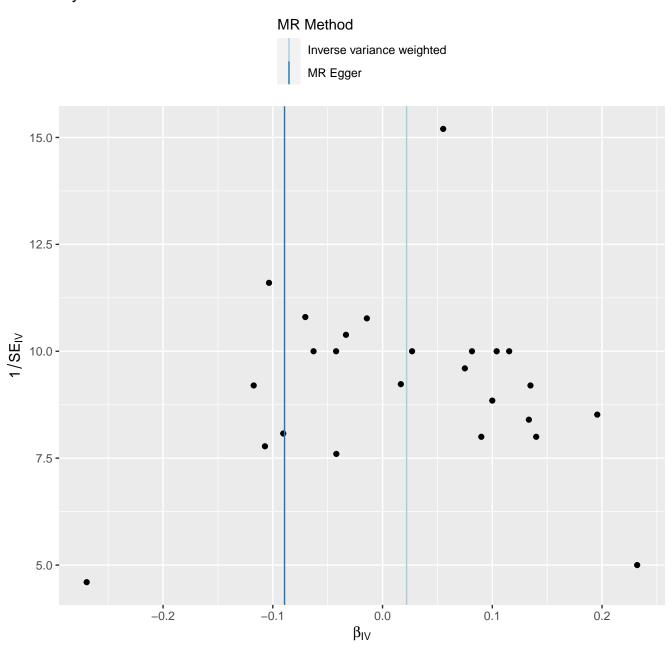
Creatinine



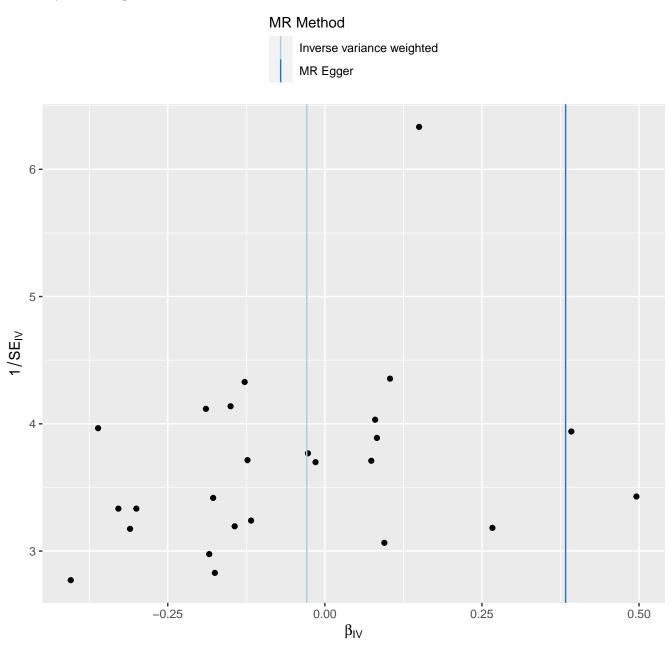
Cyclo(leu-pro)



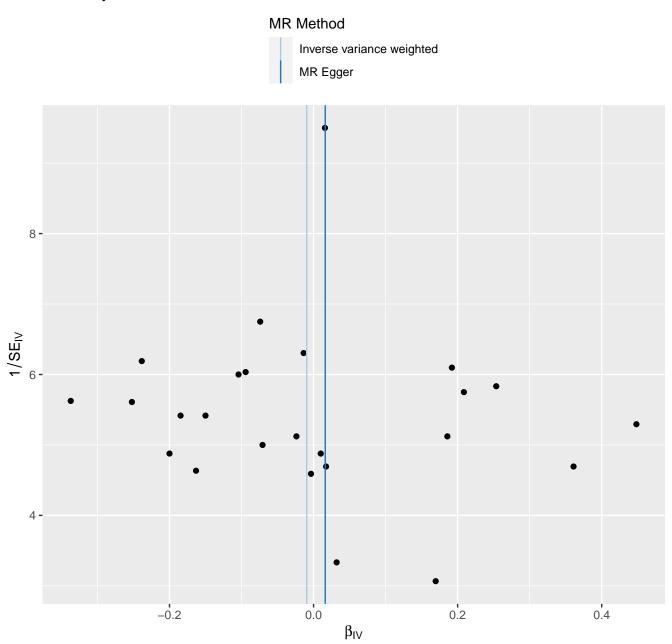
Cysteine



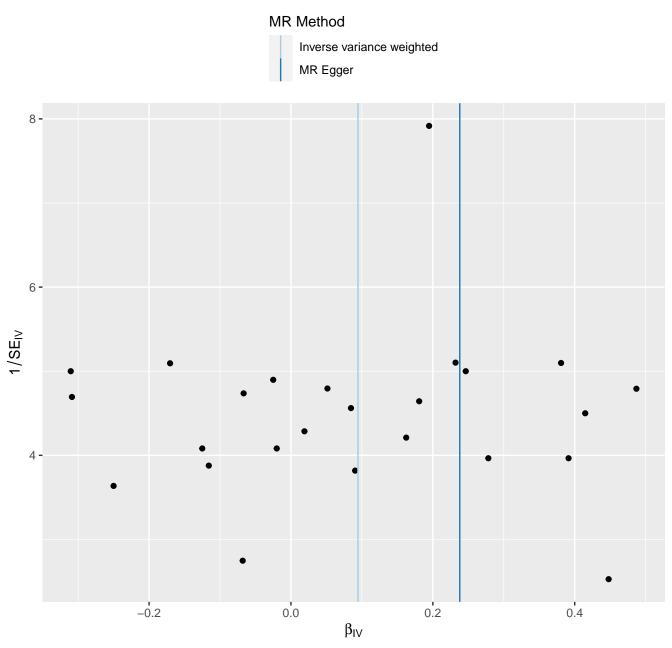
Cysteine-glutathione disulfide



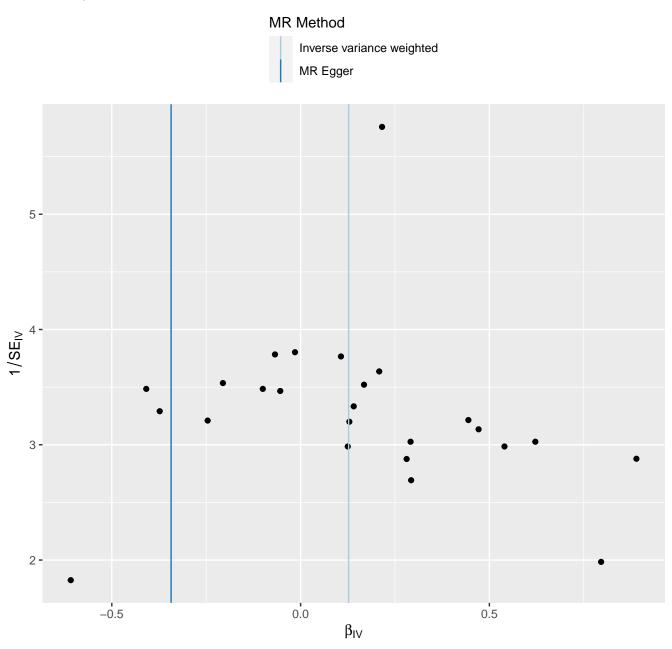
Decanoylcarnitine



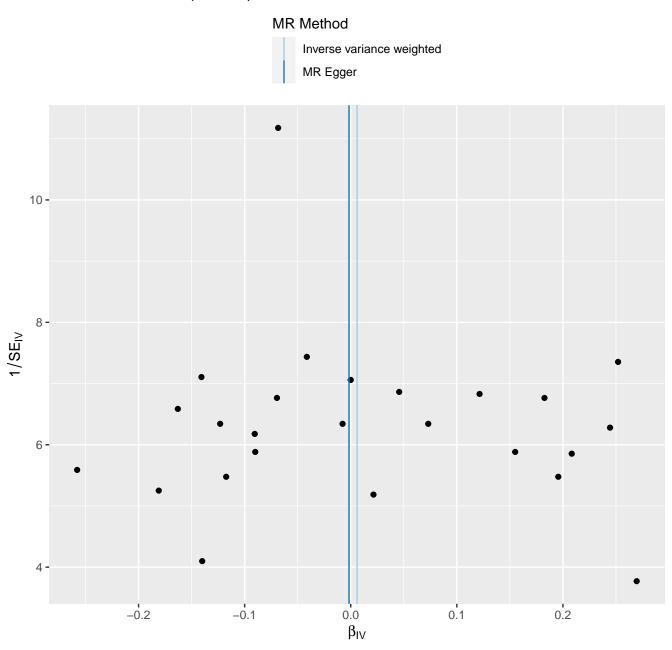
Dehydroisoandrosterone sulfate (DHEA-S)



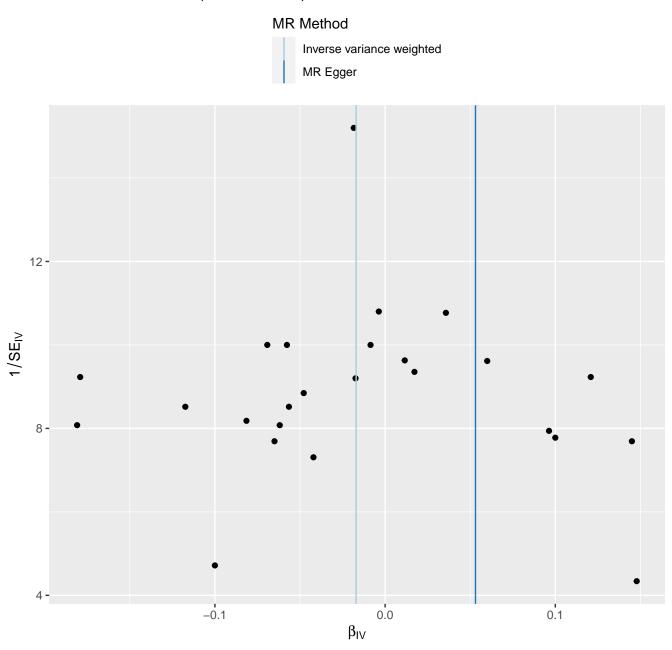
Deoxycholate



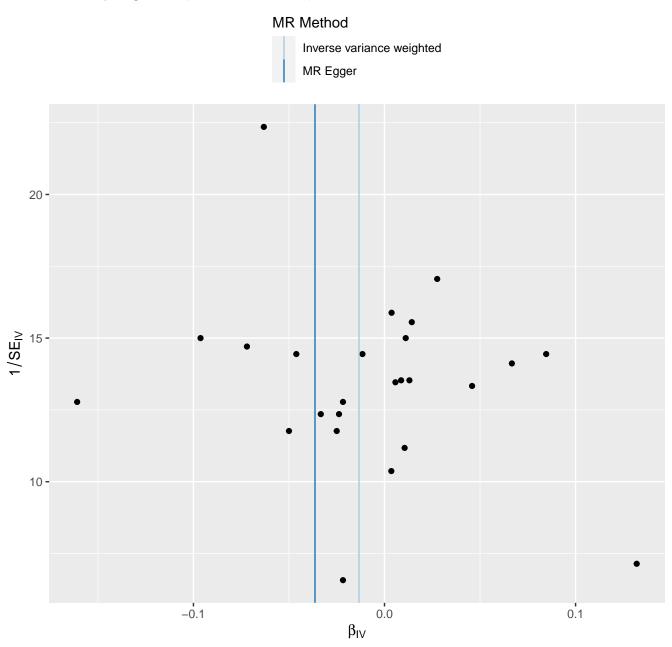
Dihomo-linoleate (20:2n6)



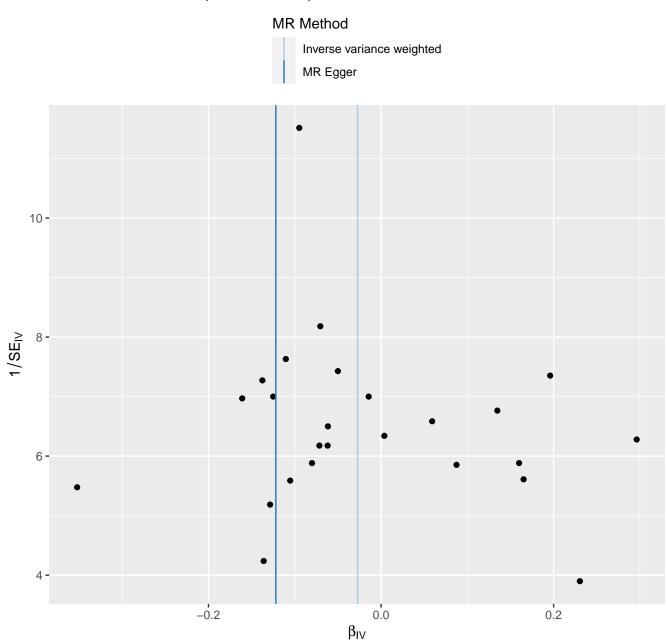
Dihomo-linolenate (20:3n3 or n6)



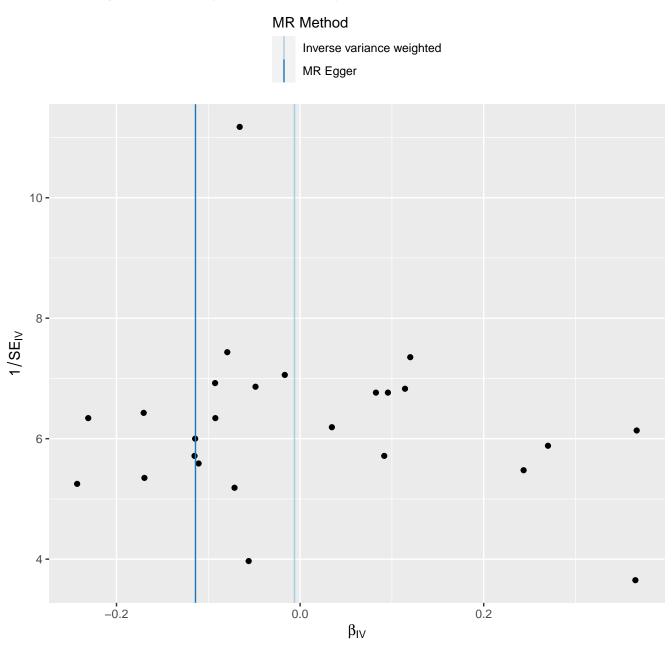
Dimethylarginine (SDMA + ADMA)



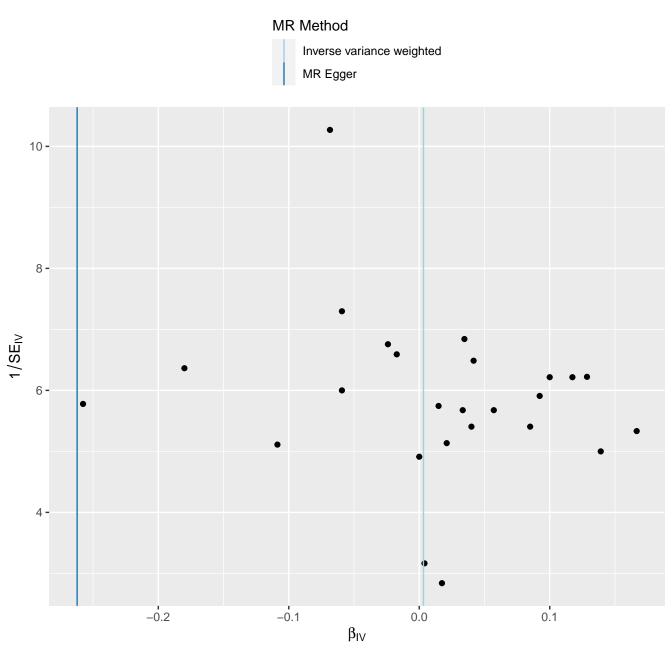
Docosahexaenoate (DHA; 22:6n3)



Docosapentaenoate (n3 DPA; 22:5n3)

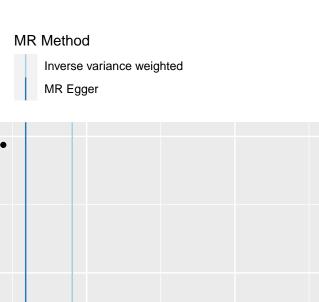


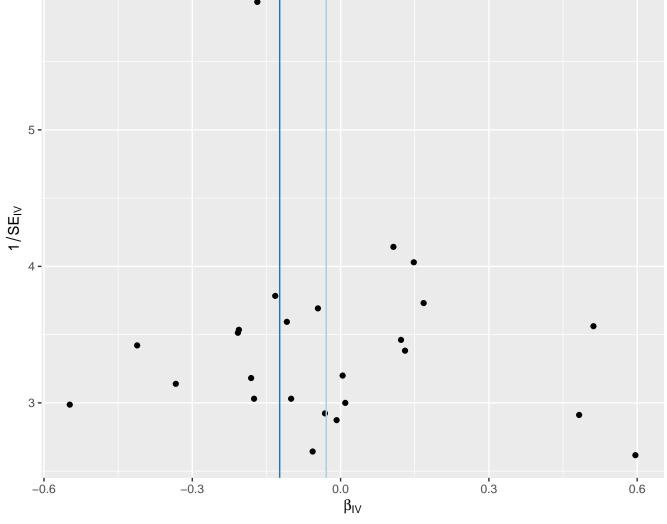
Dodecanedioate



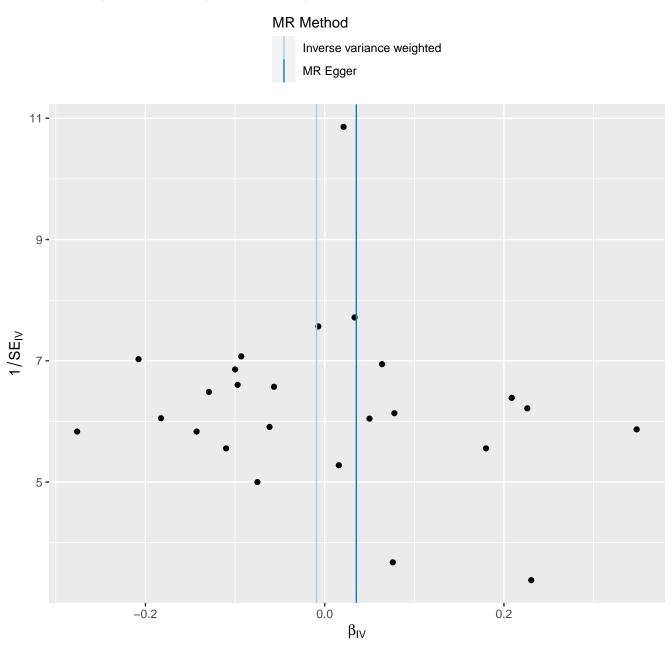
DSGEGDFXAEGGGVR*

6 **-**

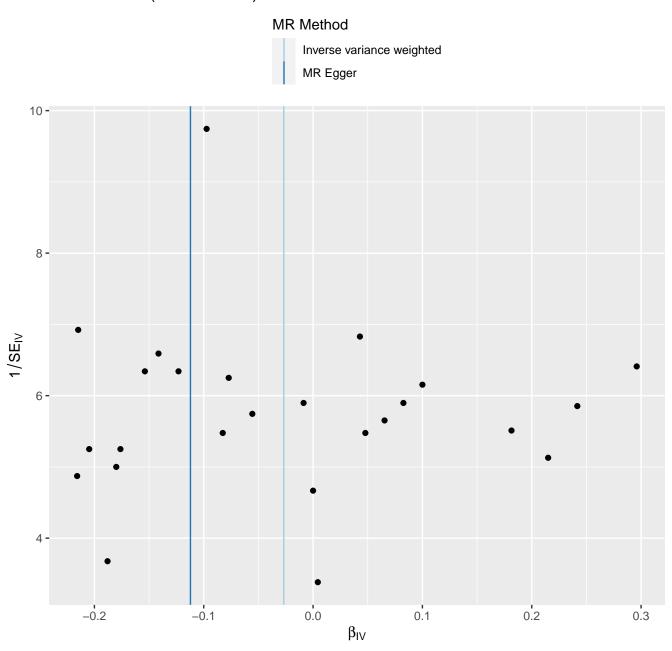




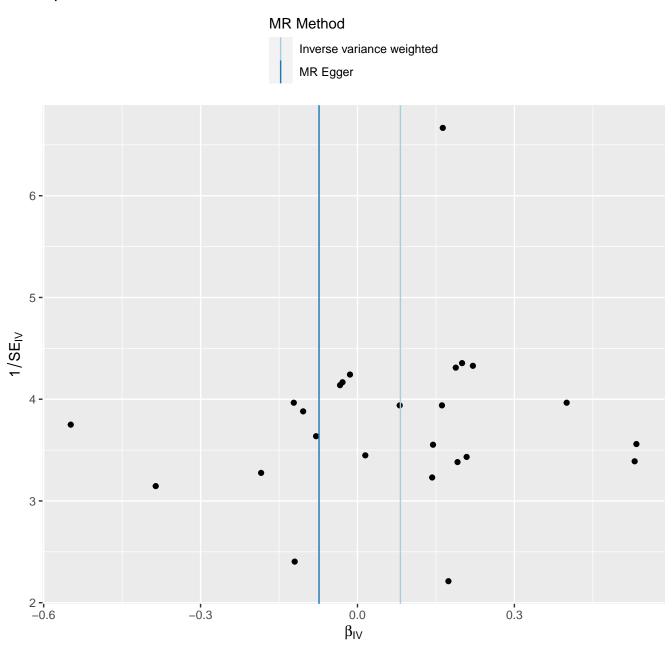
Eicosapentaenoate (EPA; 20:5n3)



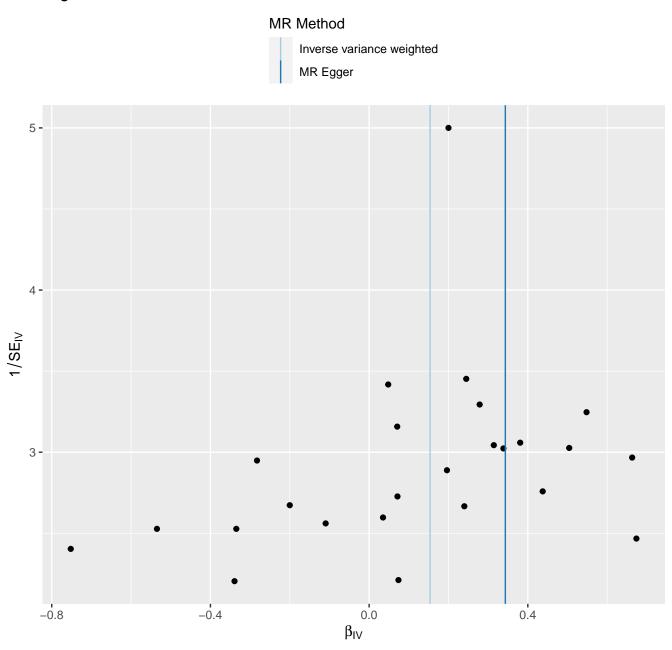
Eicosenoate (20:1n9 or 11)



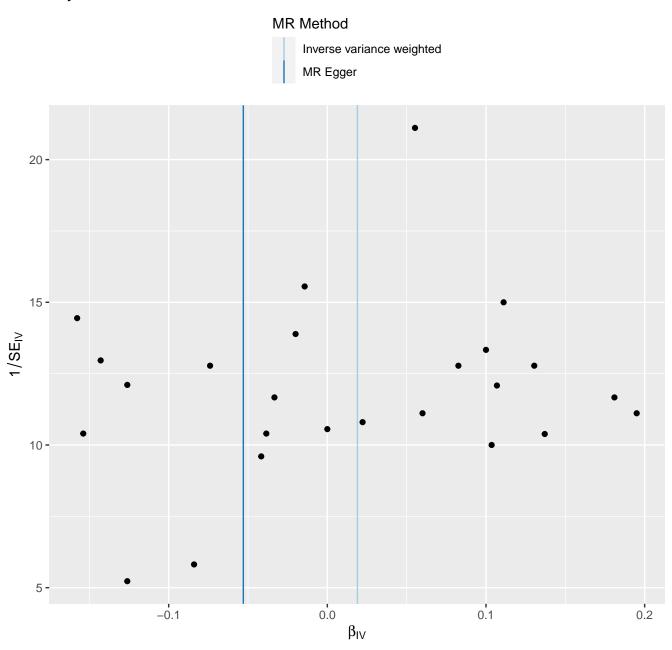
Epiandrosterone sulfate



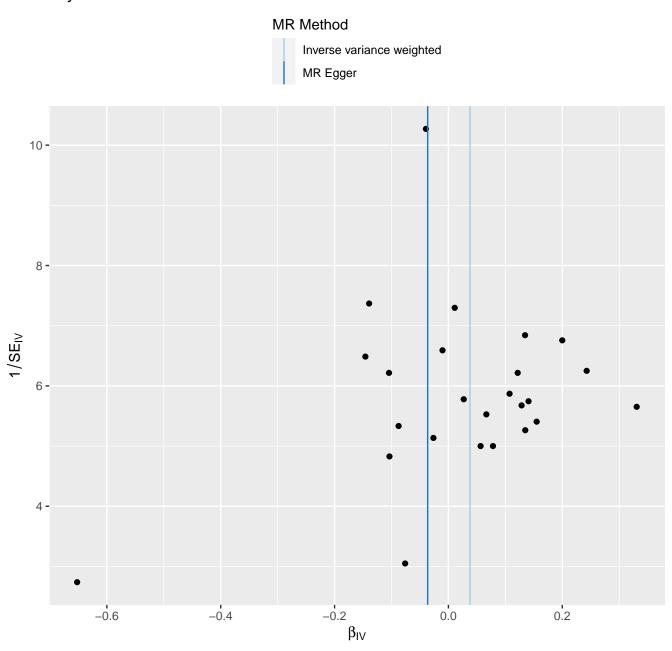
Ergothioneine



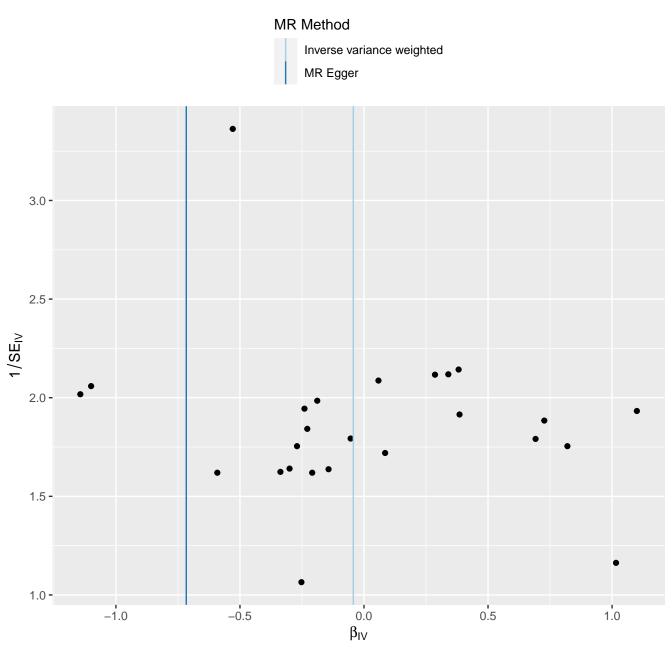
Erythronate*



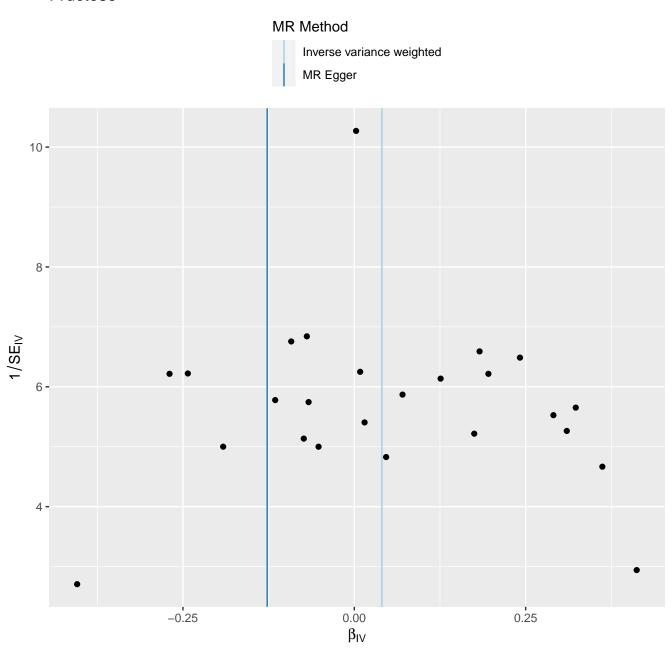
Erythrose



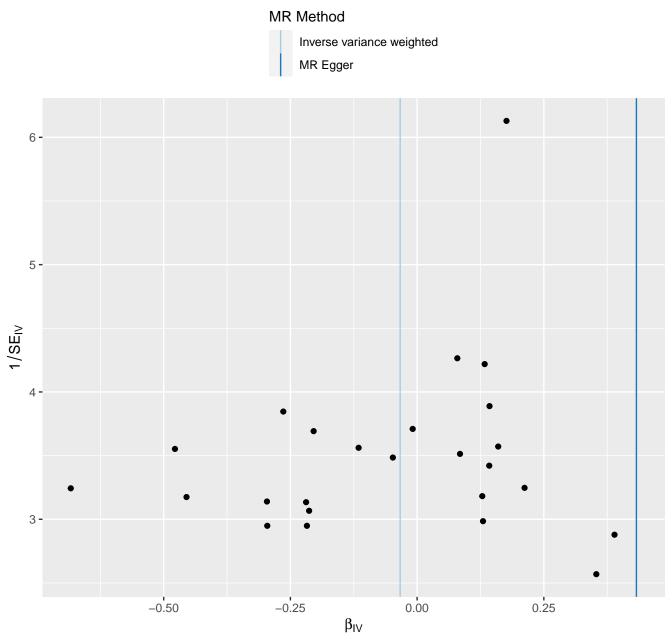
Estrone 3-sulfate



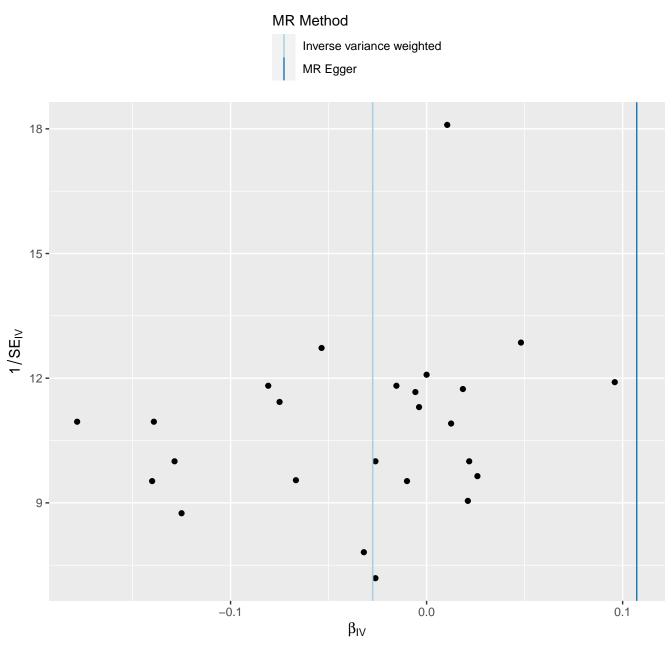
Fructose



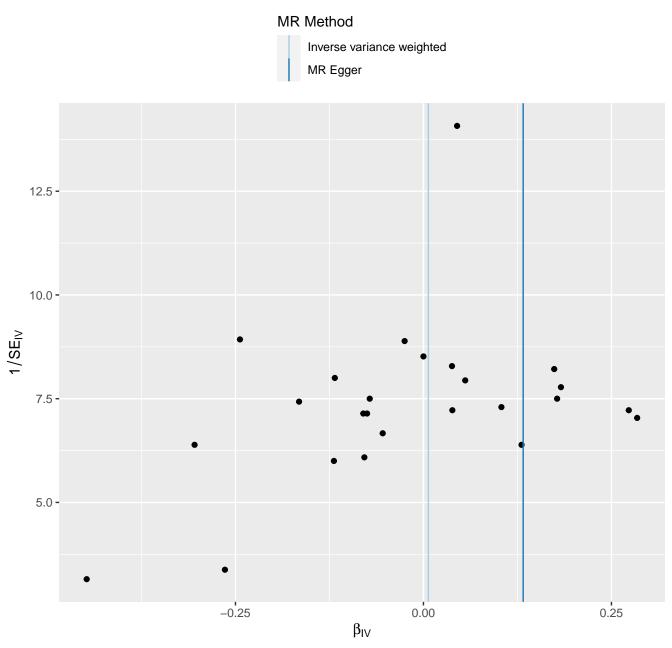
Gamma-glutamylglutamate



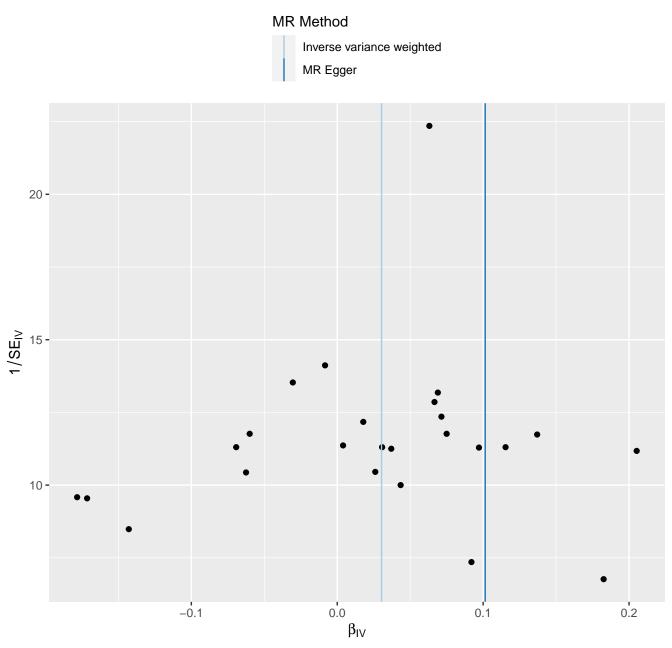
Gamma-glutamylglutamine



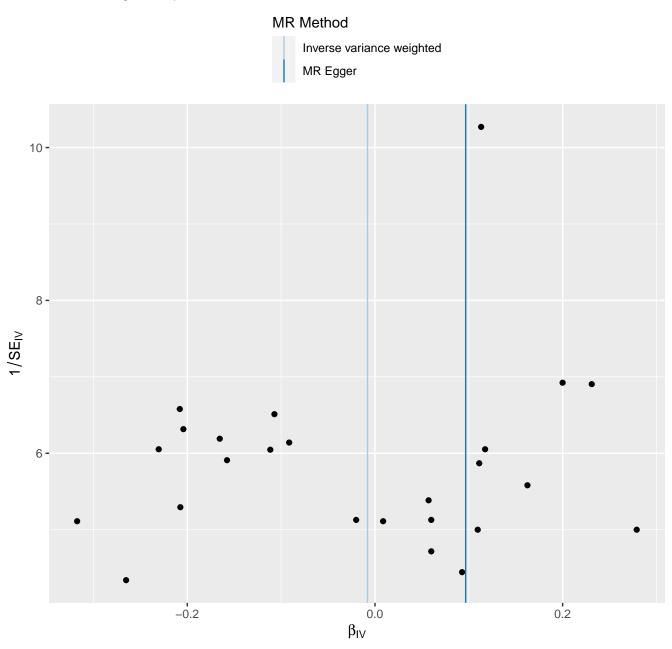
Gamma-glutamylisoleucine*



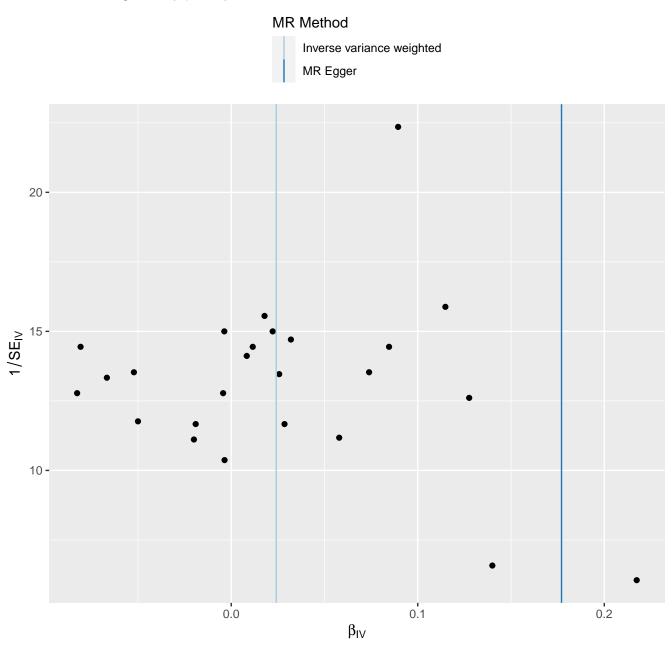
Gamma-glutamylleucine



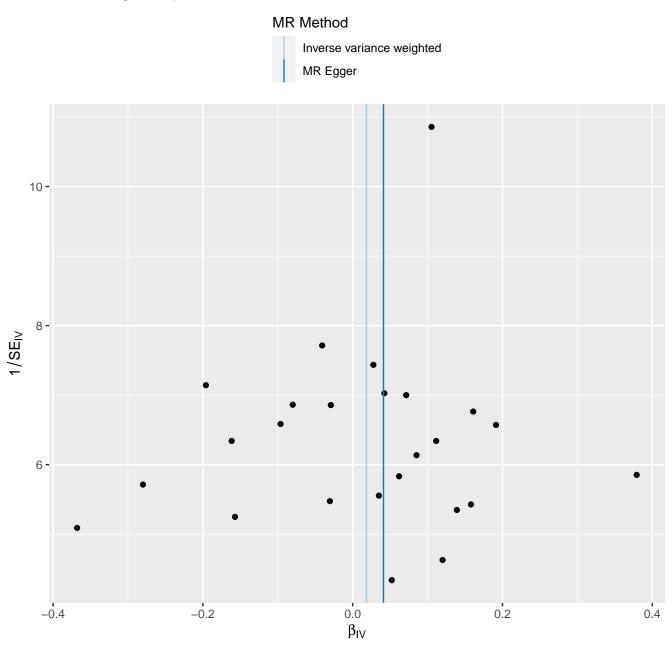
Gamma-glutamylmethionine*



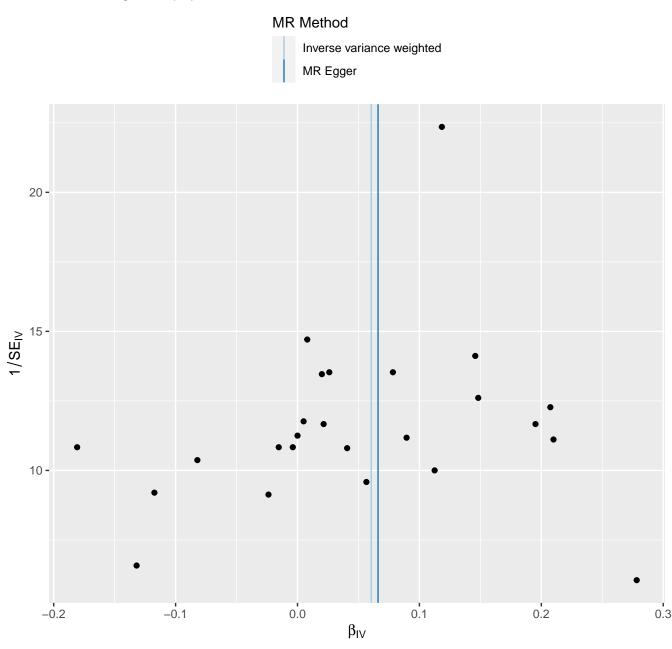
Gamma-glutamylphenylalanine



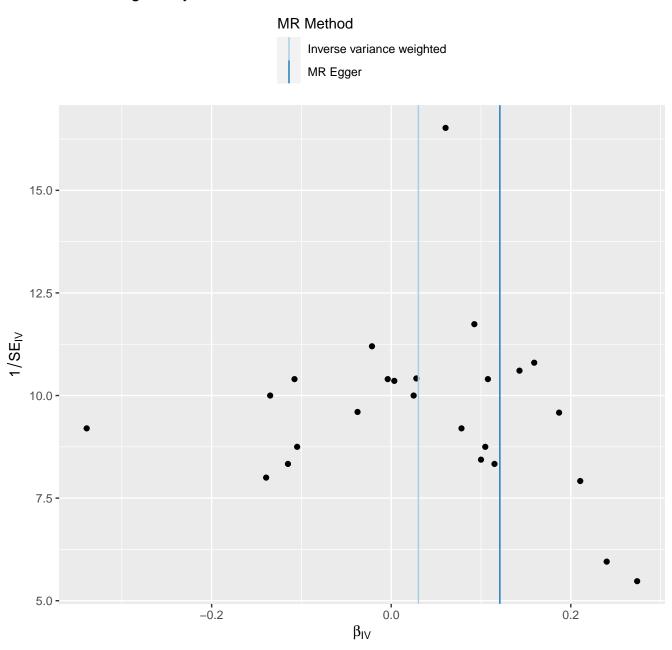
Gamma-glutamylthreonine*



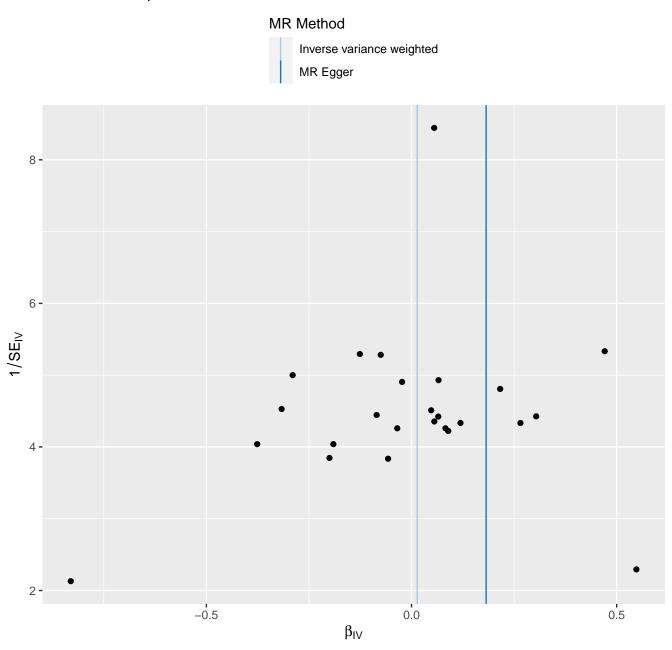
Gamma-glutamyltyrosine



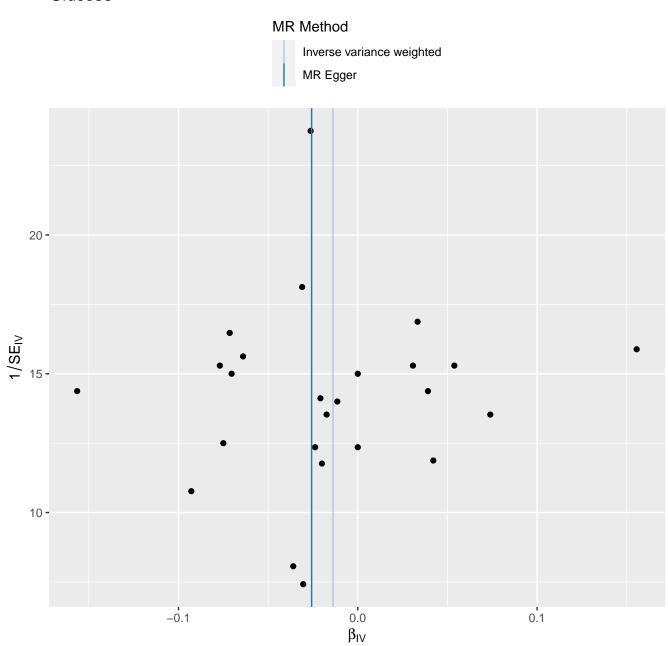
Gamma-glutamylvaline



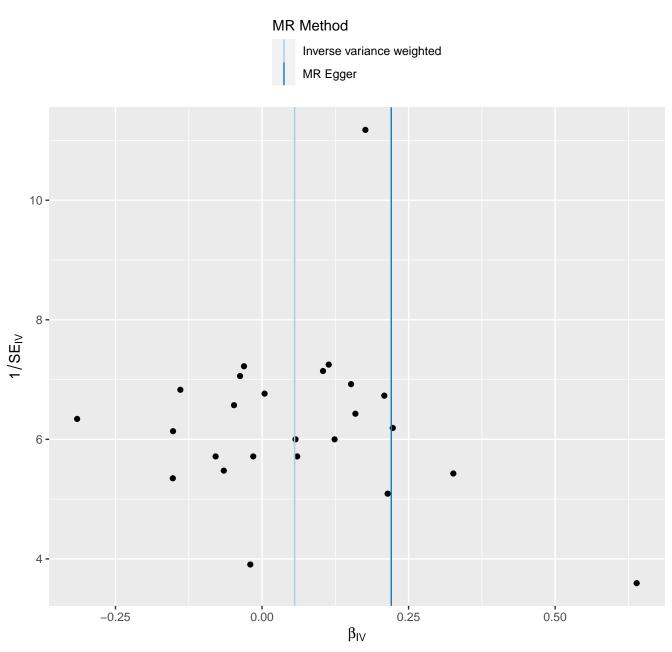
Gamma-tocopherol



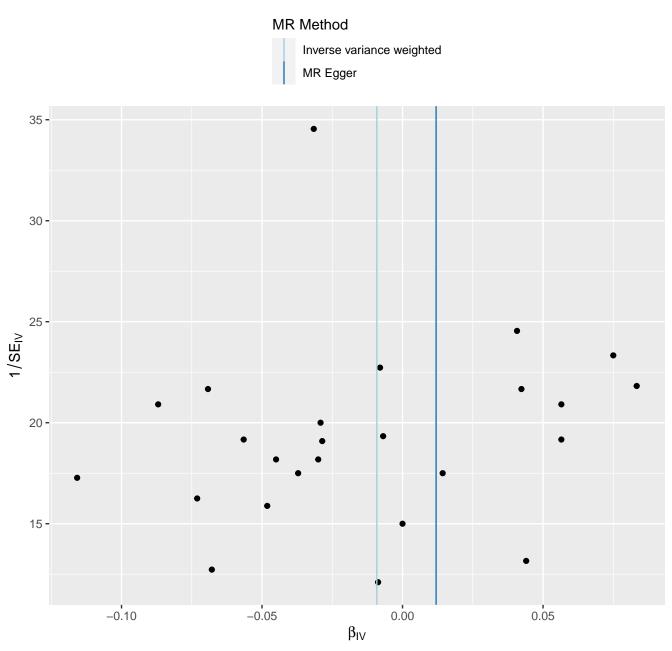
Glucose



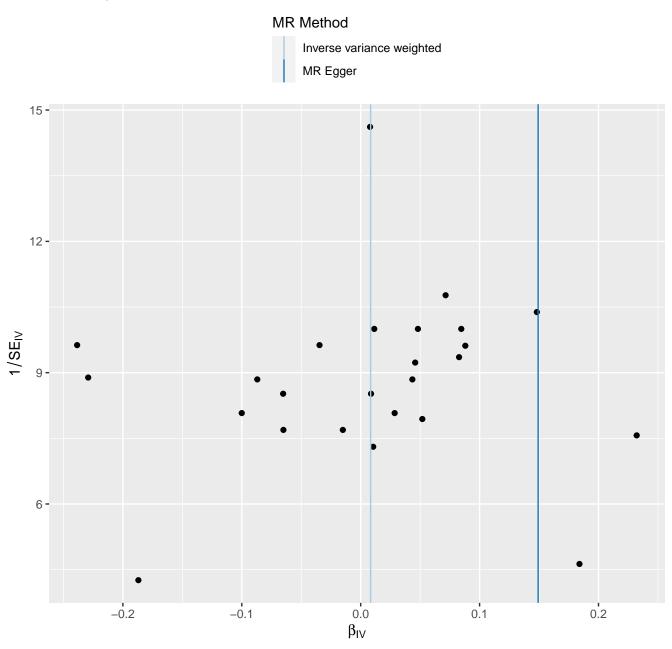
Glutamate



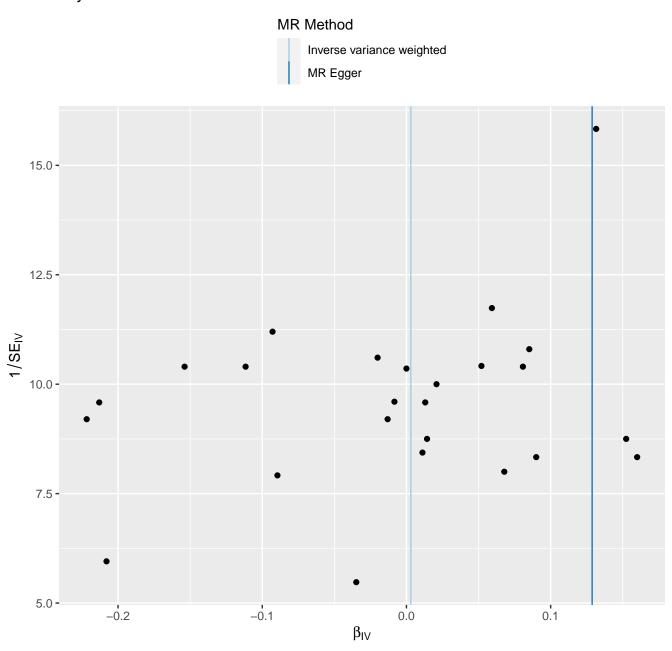
Glutamine



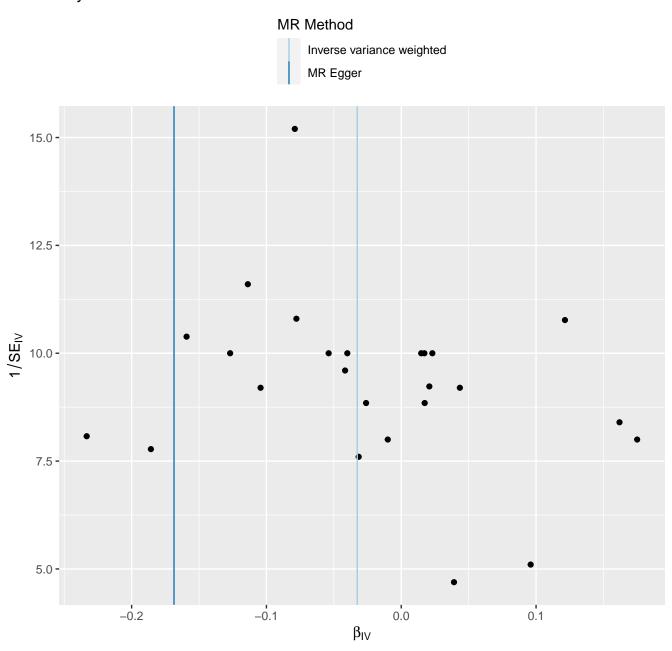
Glutaroyl carnitine



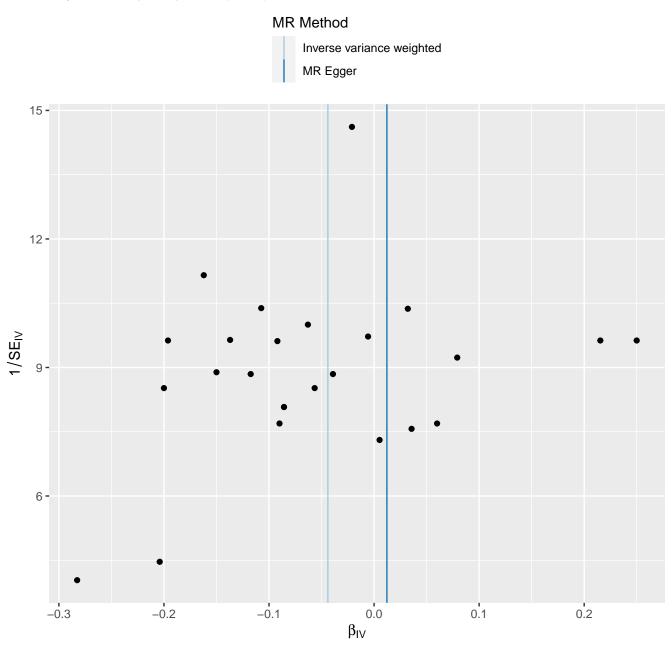
Glycerate



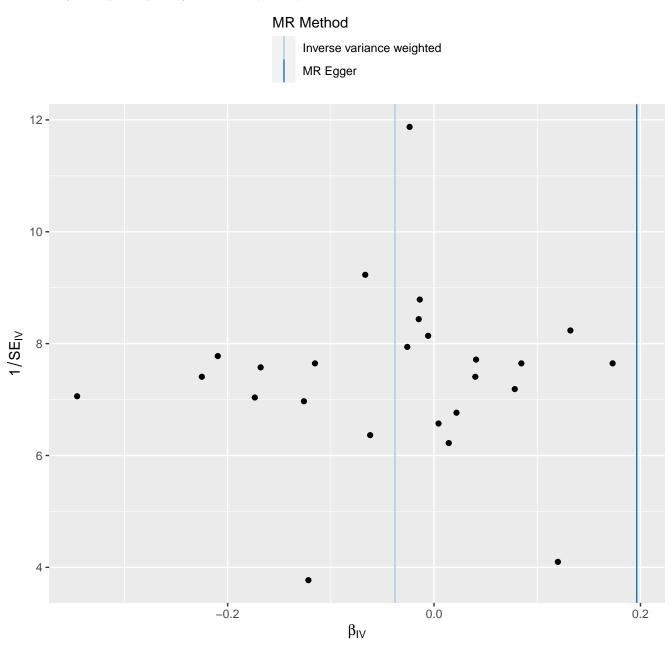
Glycerol



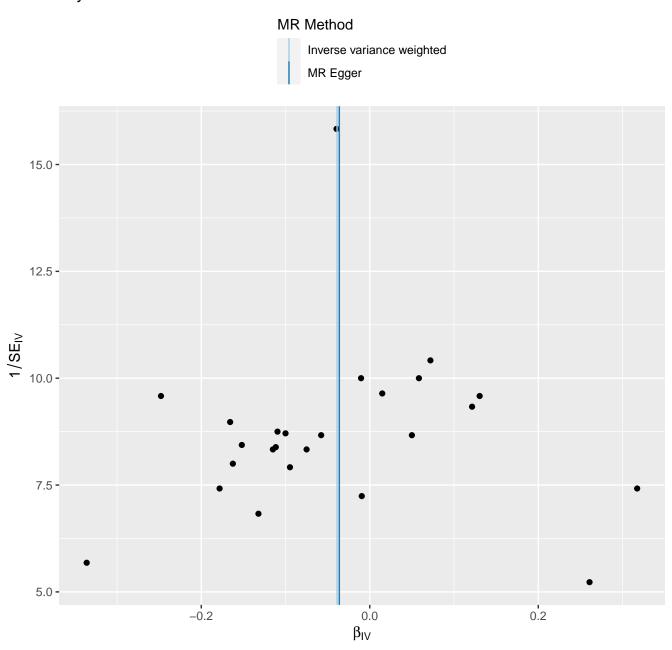
Glycerol 3-phosphate (G3P)



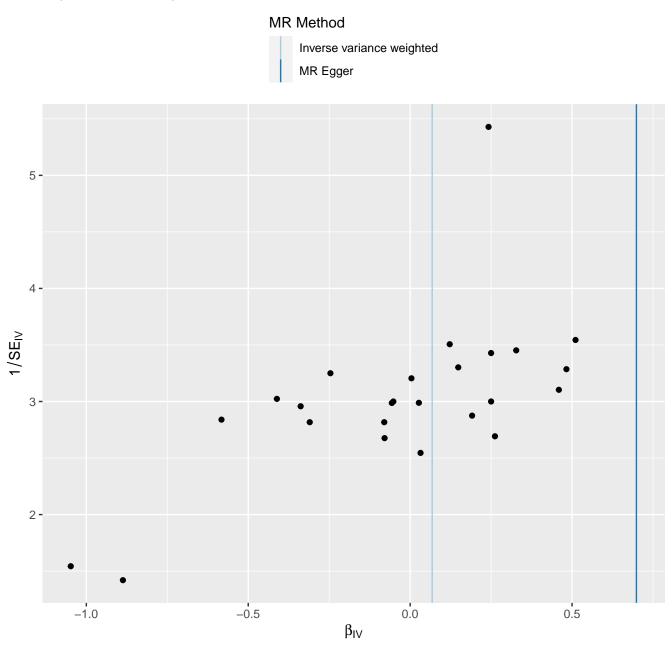
Glycerophosphorylcholine (GPC)



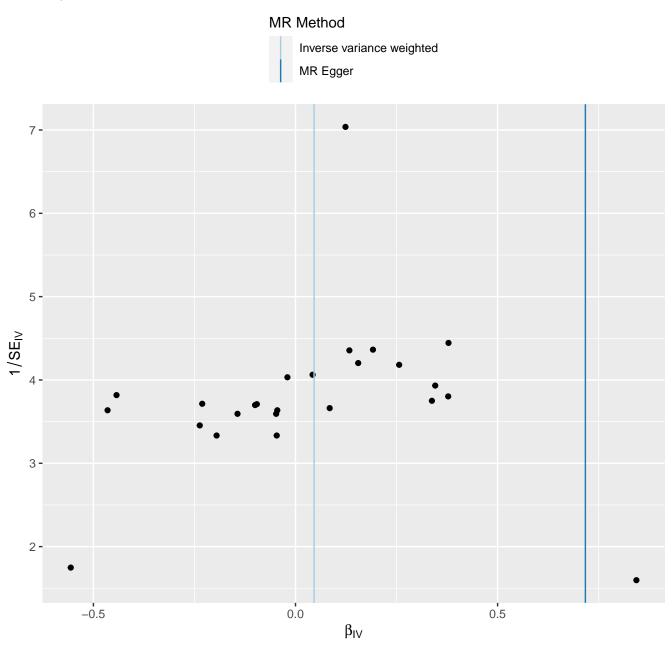
Glycine



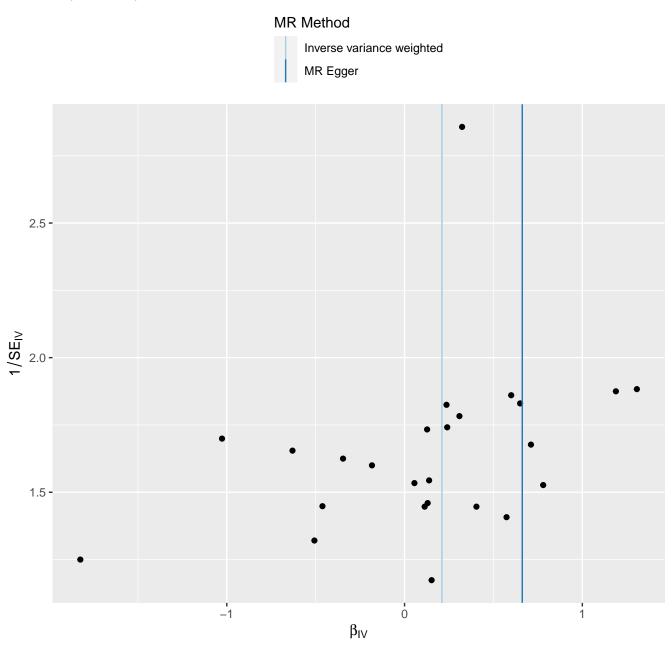
Glycochenodeoxycholate



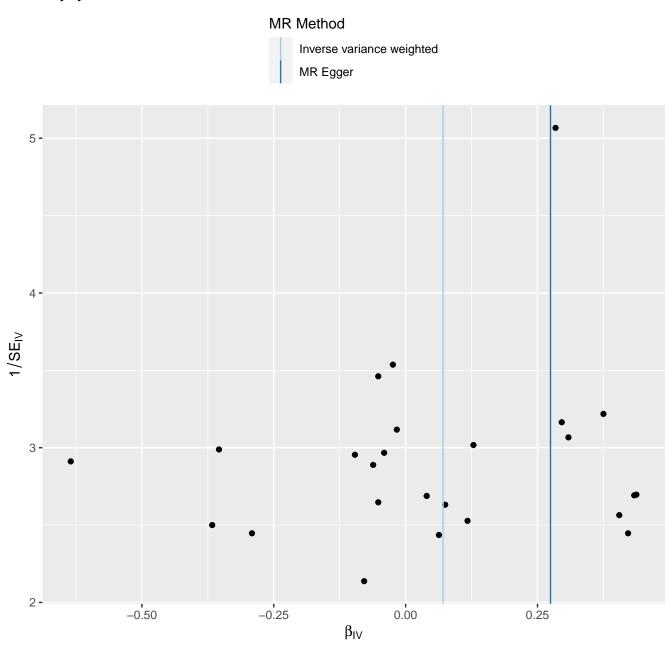
Glycocholate



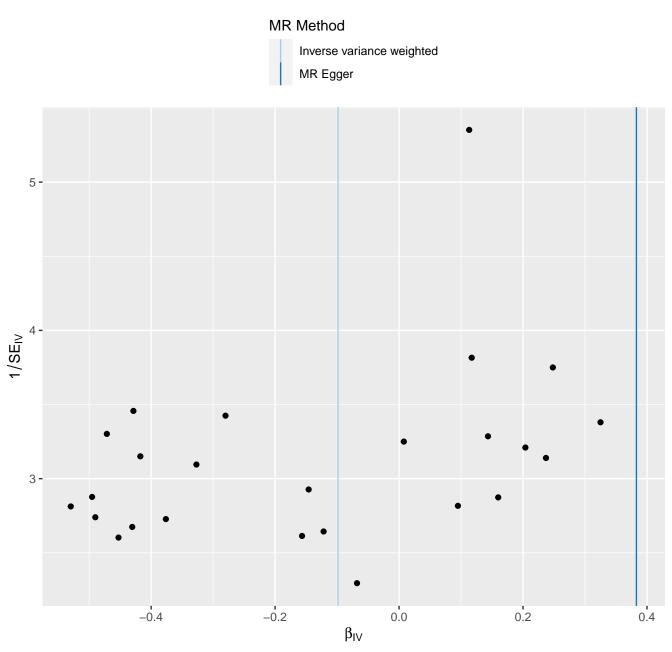
Glycodeoxycholate



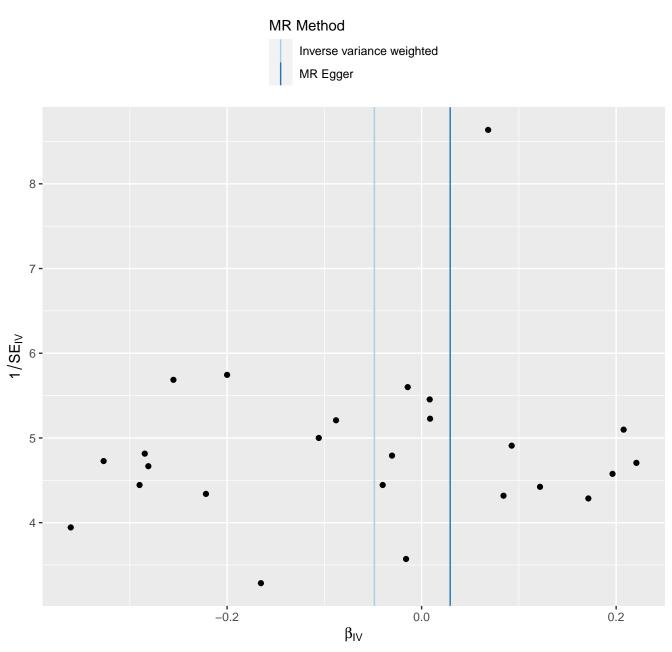
Glycylvaline



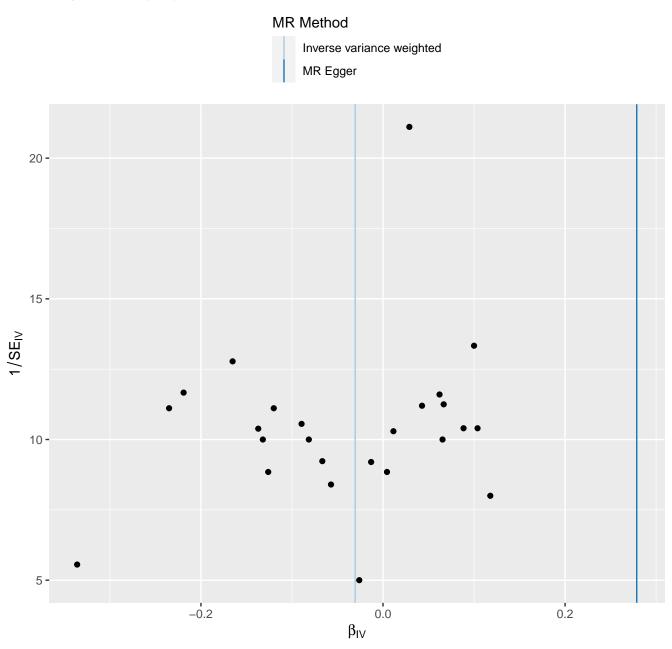
Guanosine



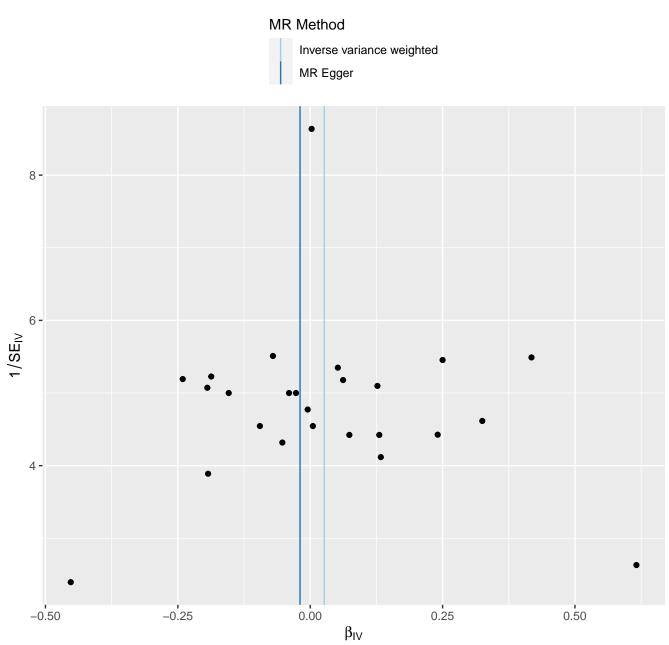
Heme*



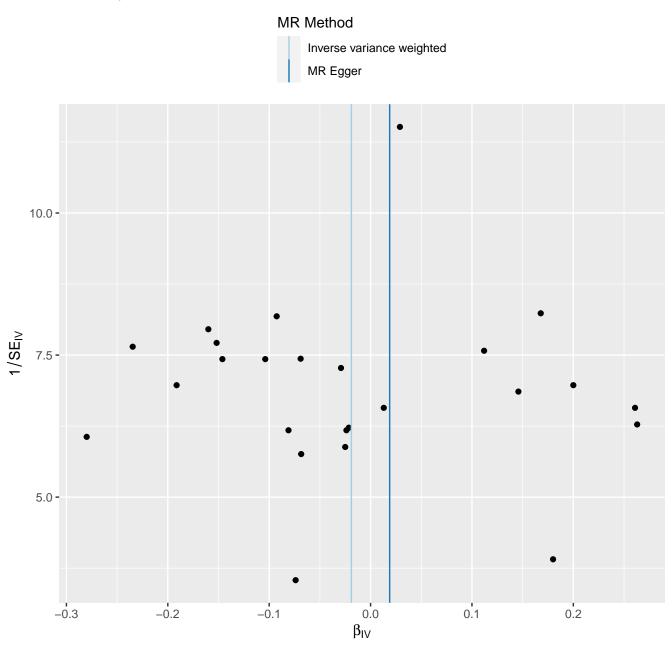
Heptanoate (7:0)



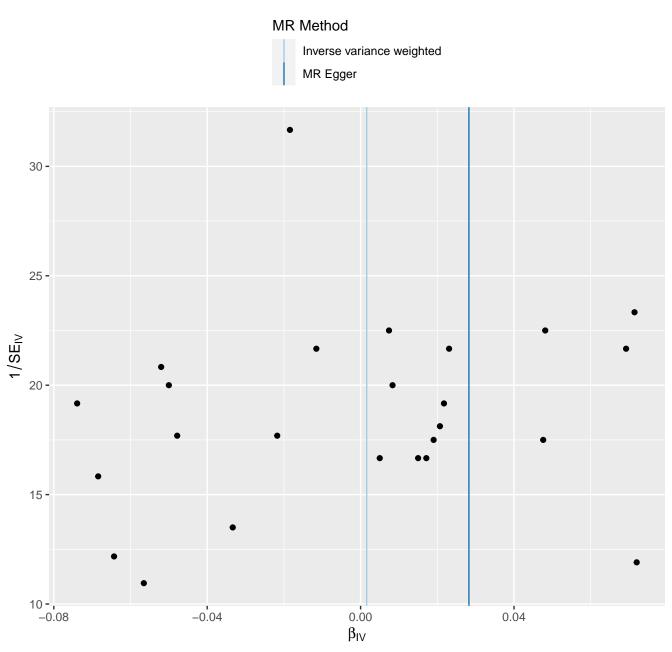
Hexadecanedioate



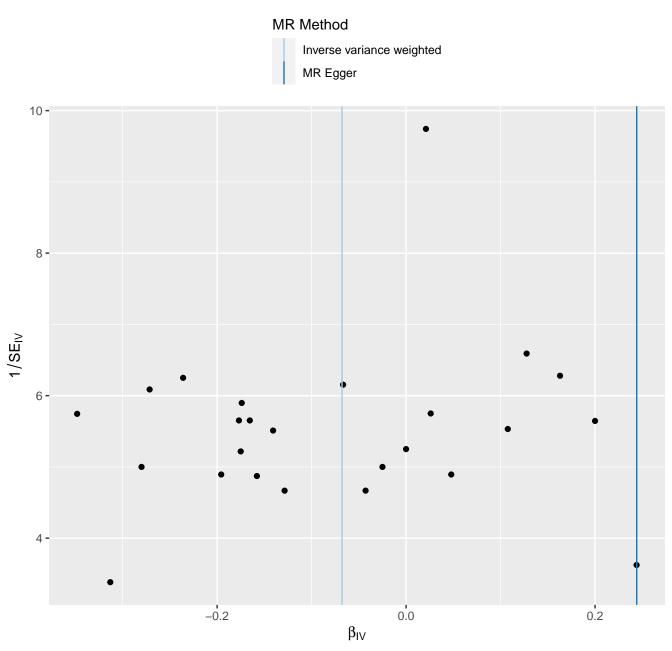
Hexanoylcarnitine



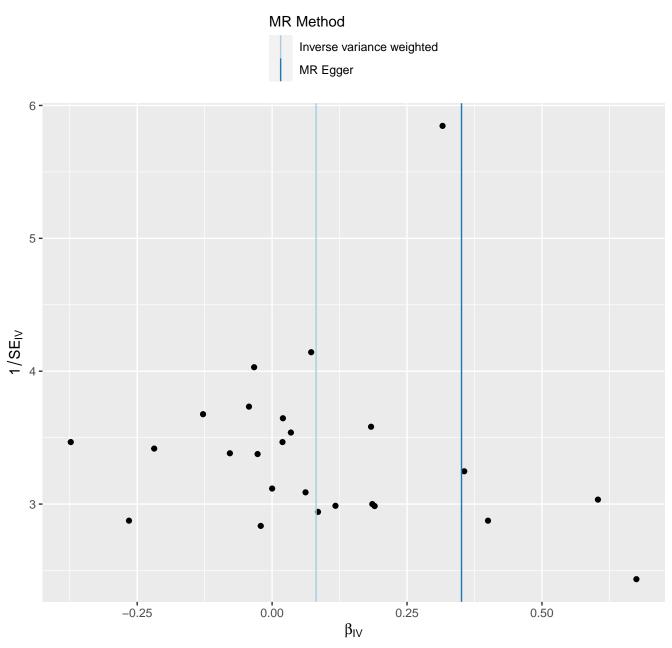
Histidine



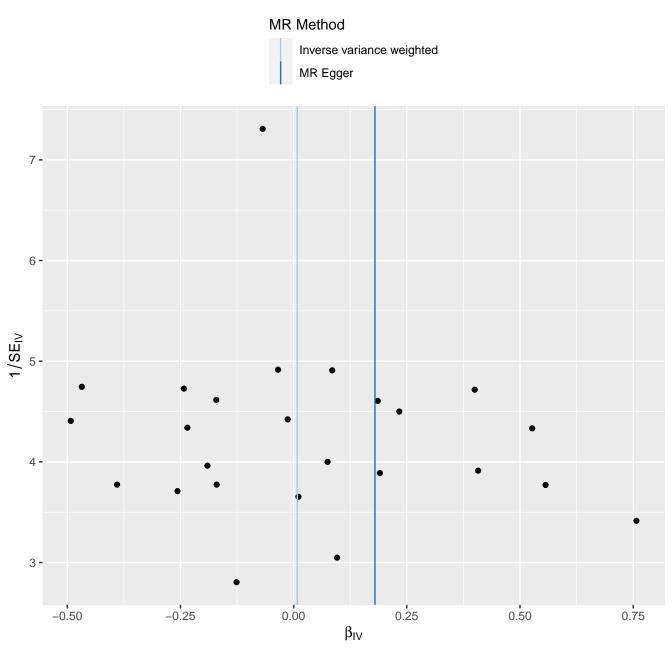
Homocitrulline



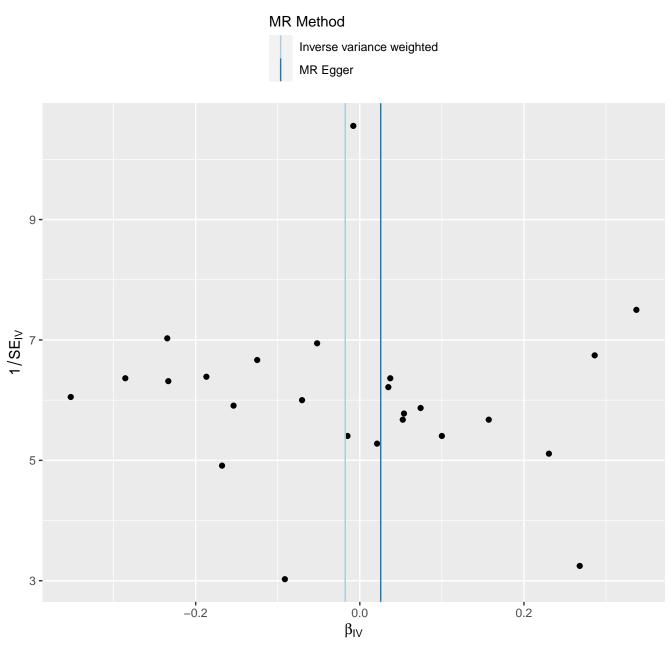
Homostachydrine*



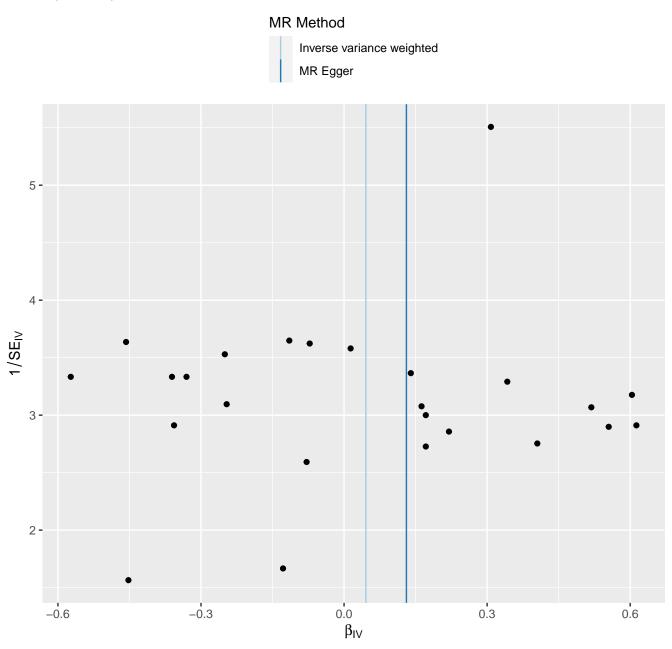
HWESASXX*



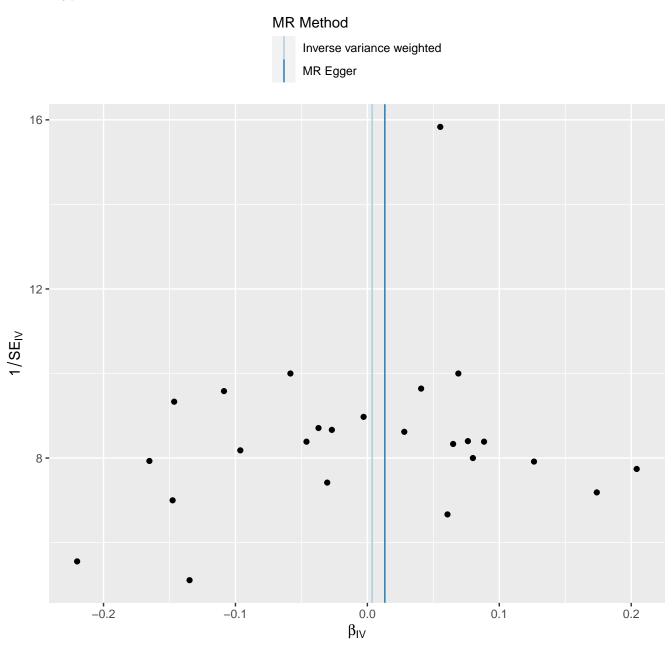
Hydroxyisovaleroyl carnitine



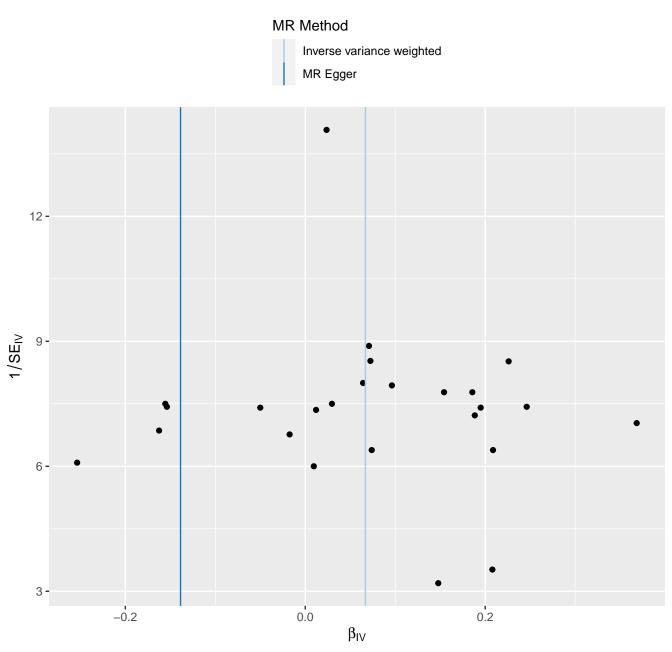
Hyodeoxycholate



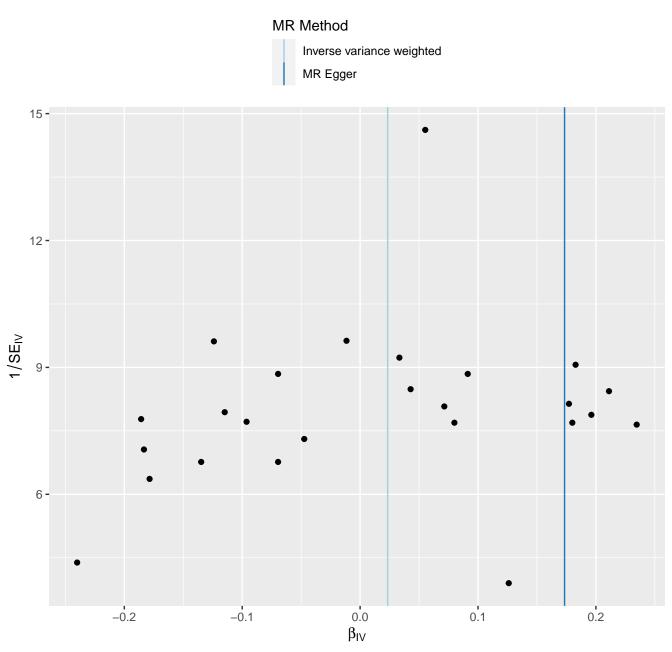
Hypoxanthine



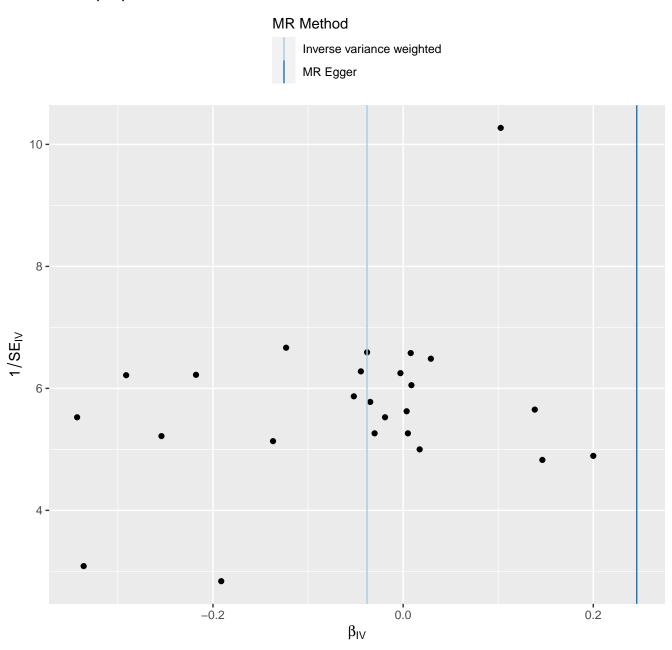
Indoleacetate



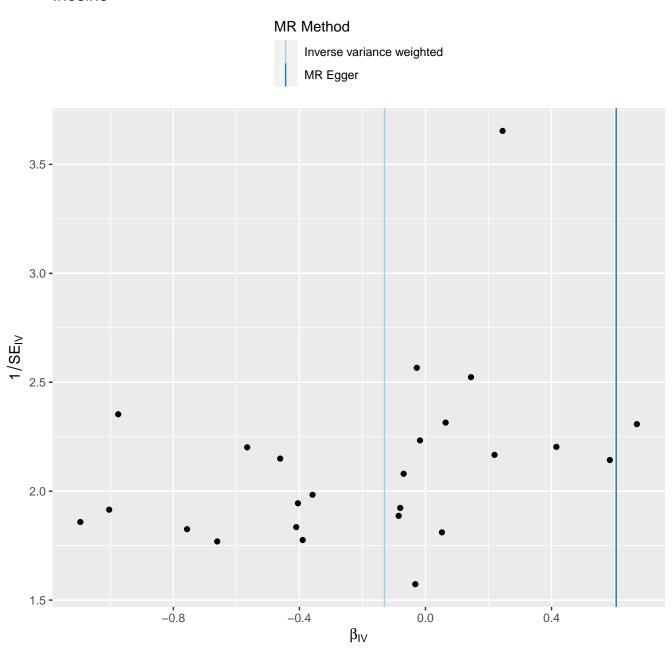
Indolelactate



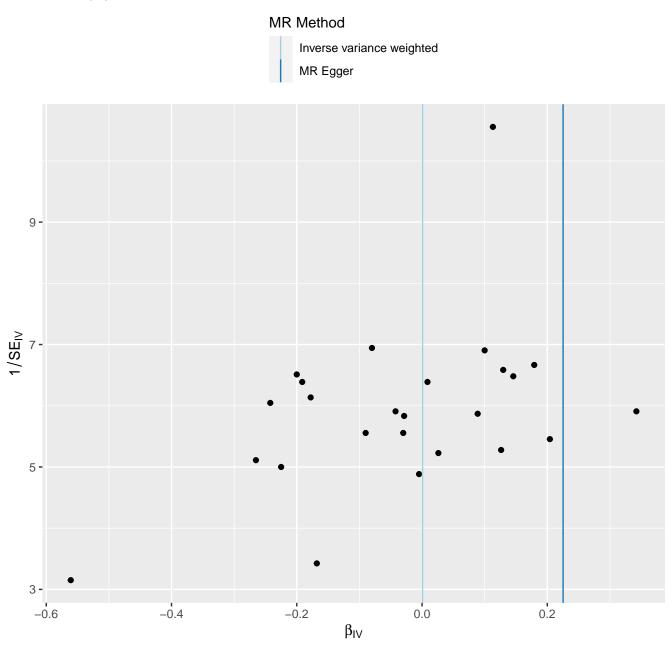
Indolepropionate



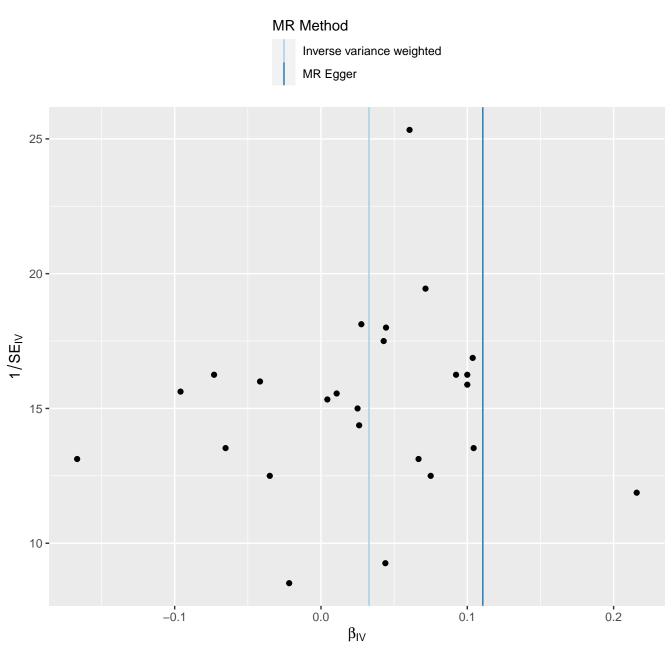
Inosine



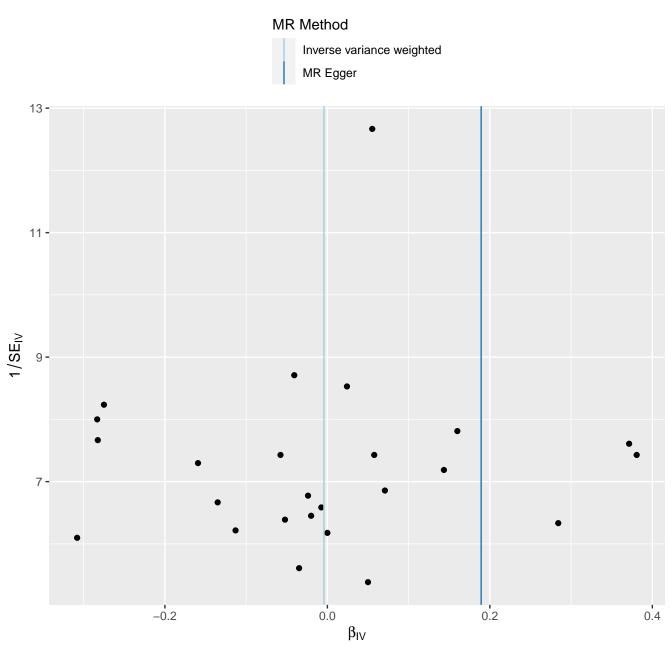
Isobutyrylcarnitine



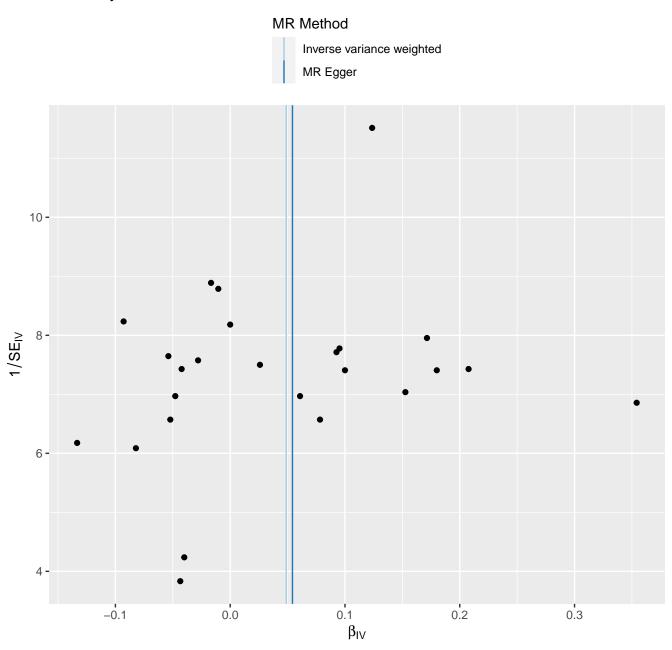
Isoleucine



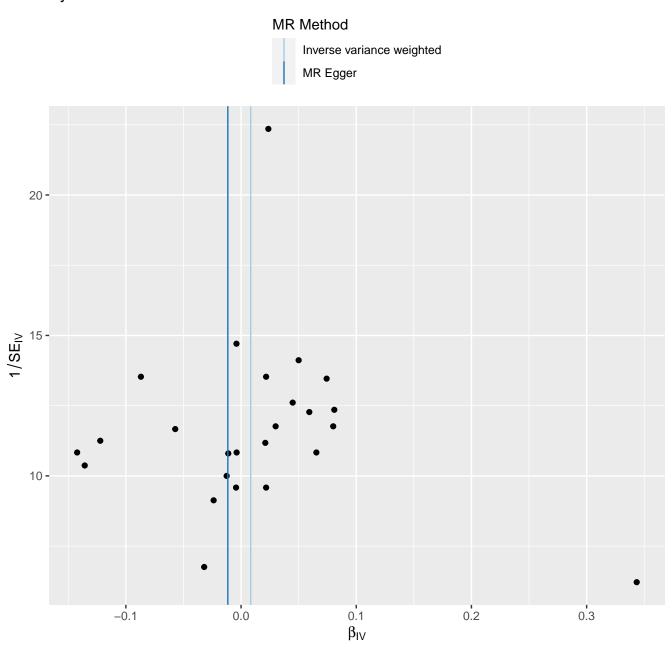
Isovalerate



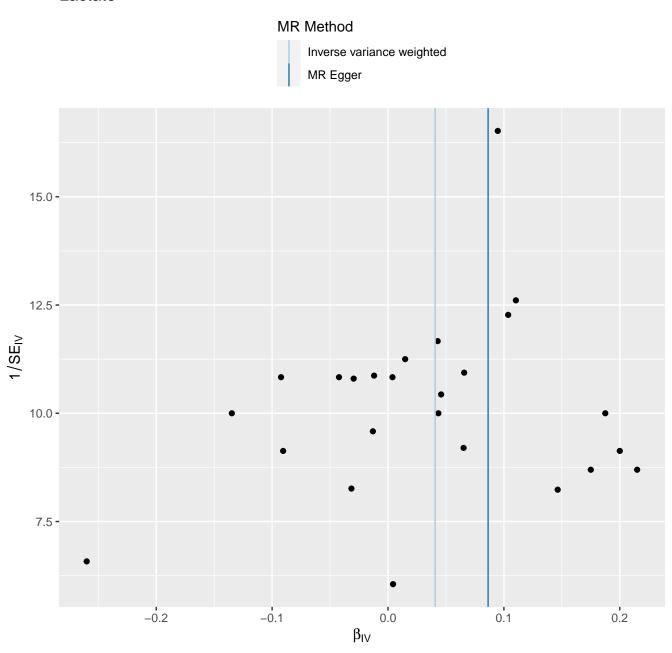
Isovalerylcarnitine



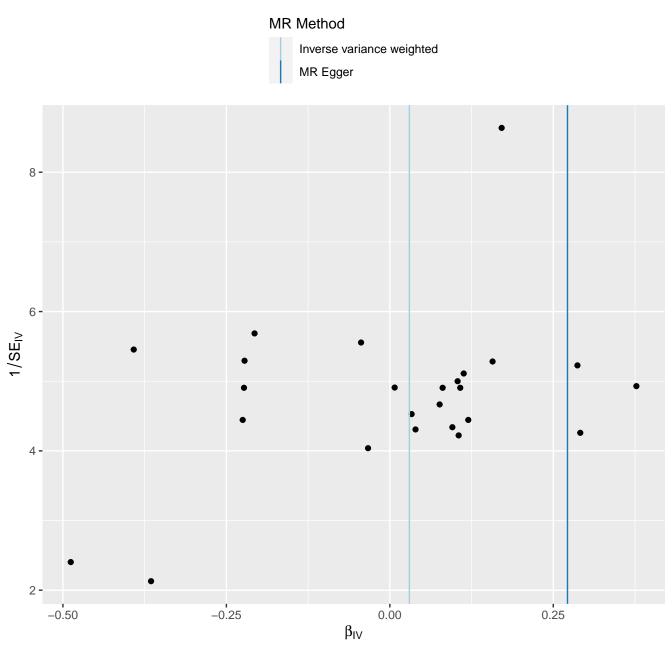
Kynurenine



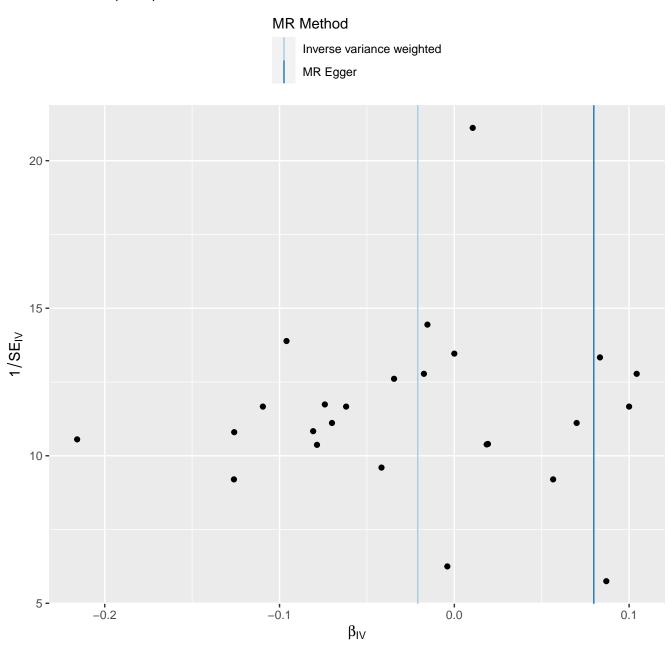
Lactate



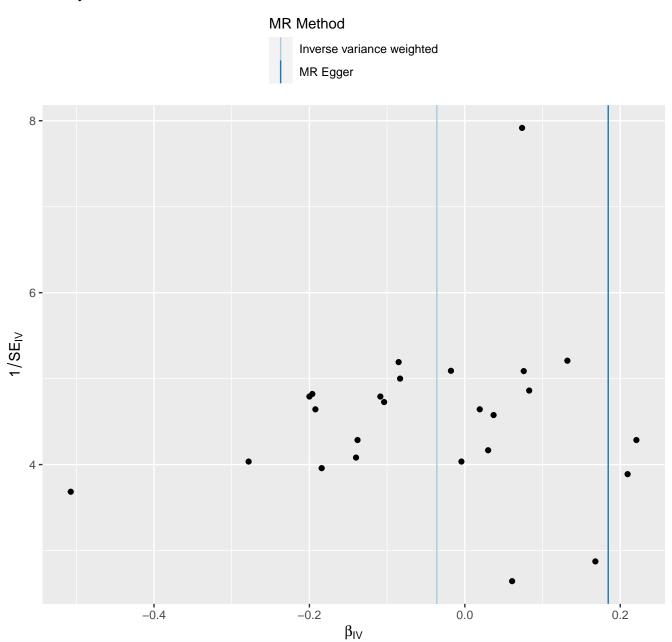
Lathosterol



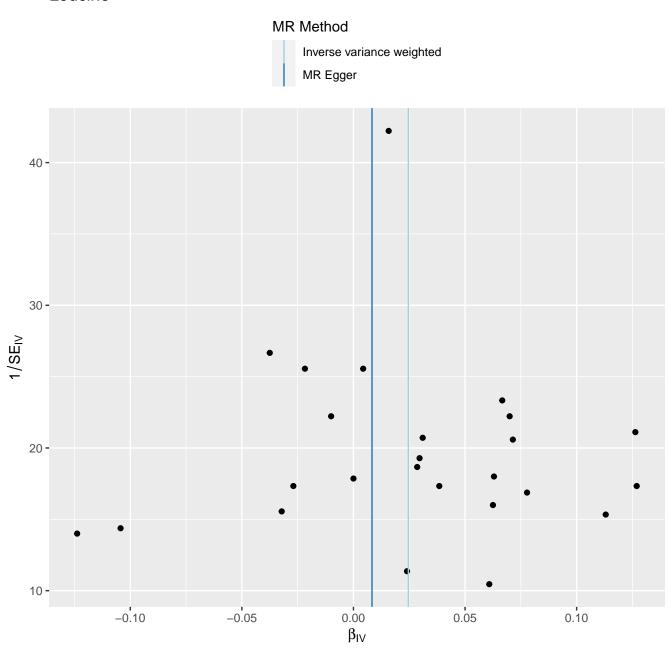
Laurate (12:0)



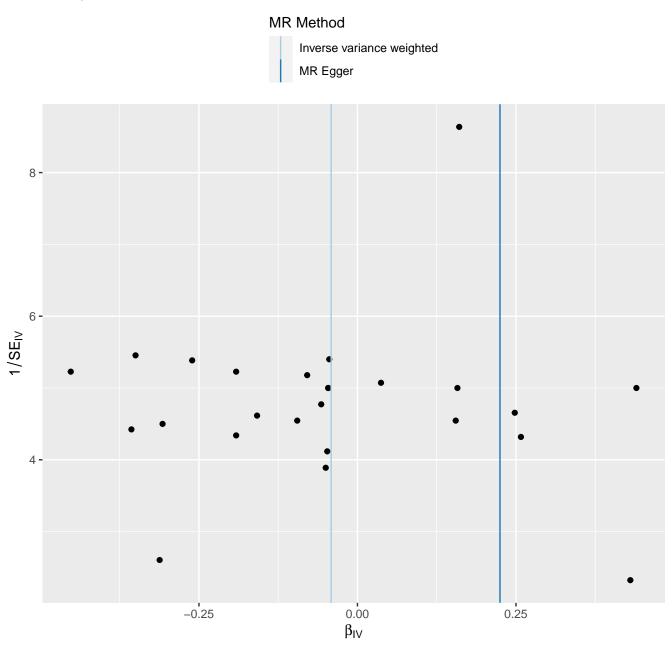
Laurylcarnitine



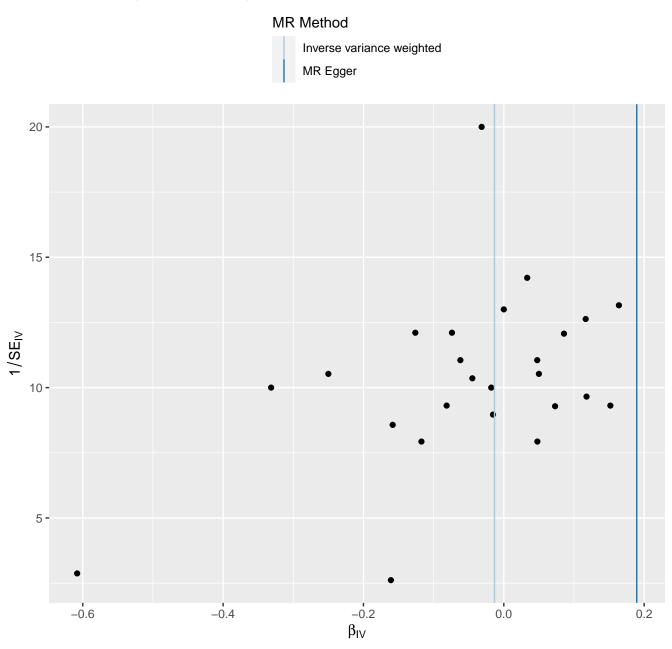
Leucine



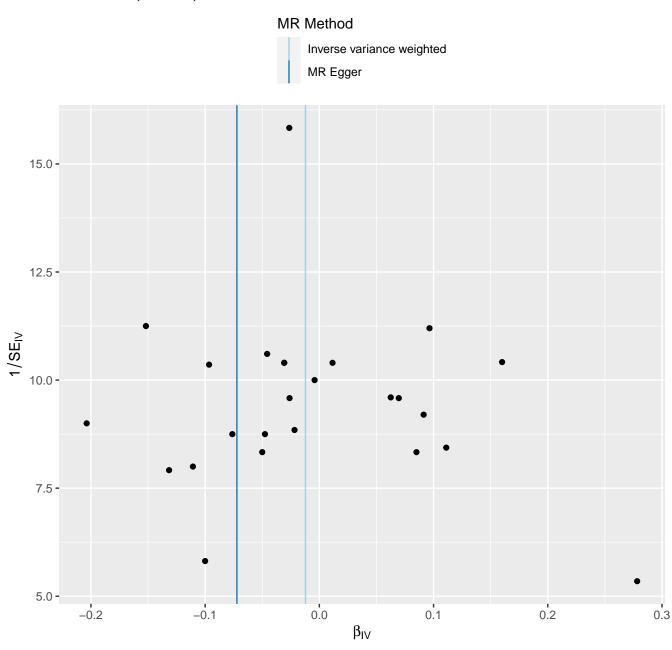
Leucylleucine



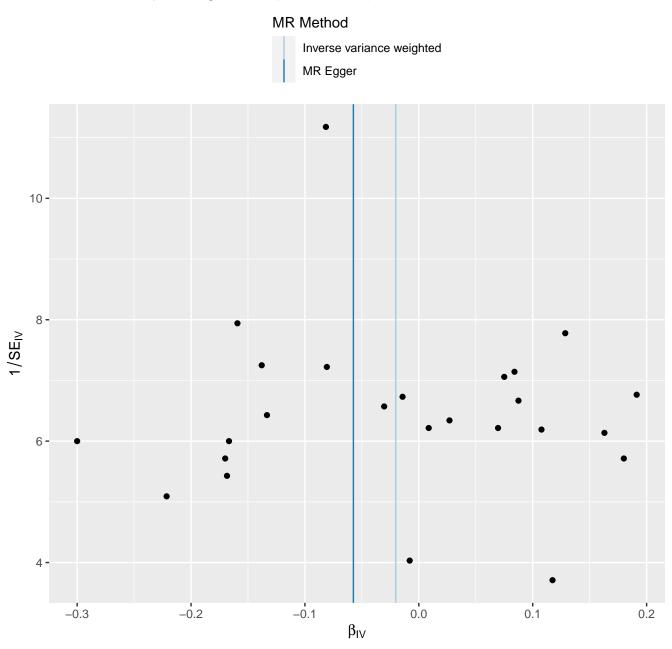
Levulinate (4-oxovalerate)



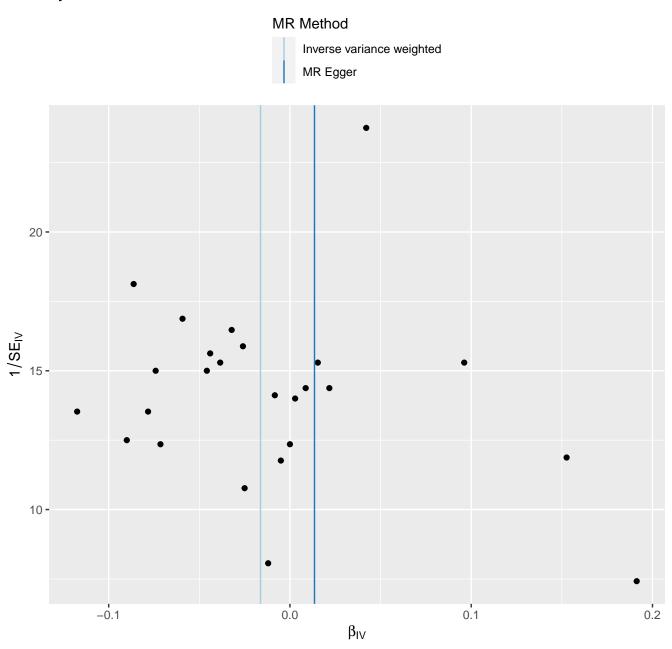
Linoleate (18:2n6)



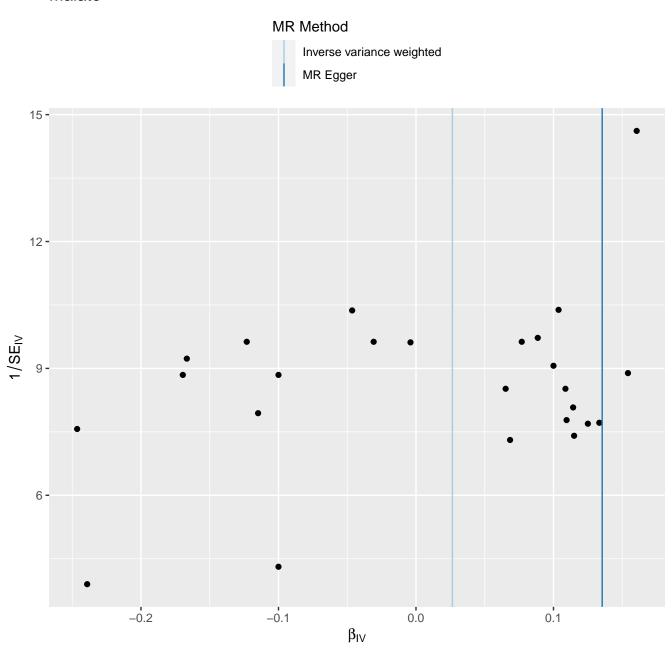
Linolenate [alpha or gamma; (18:3n3 or 6)]



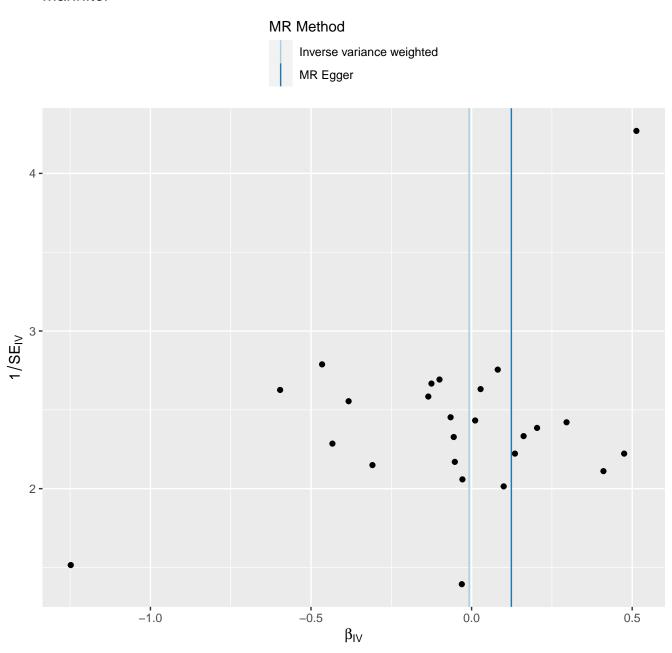
Lysine



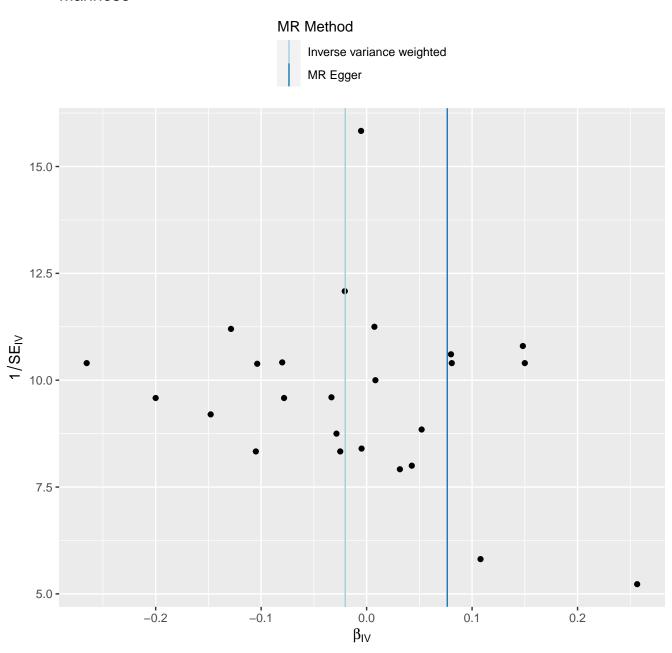
Malate



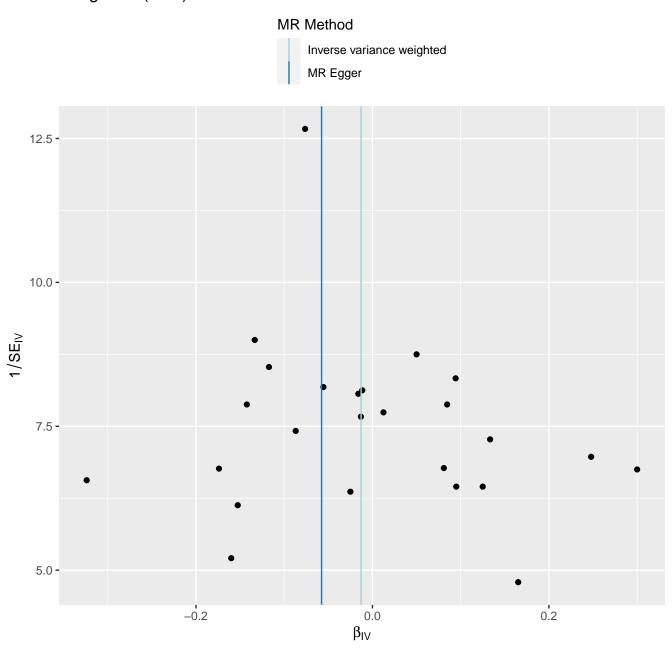
Mannitol



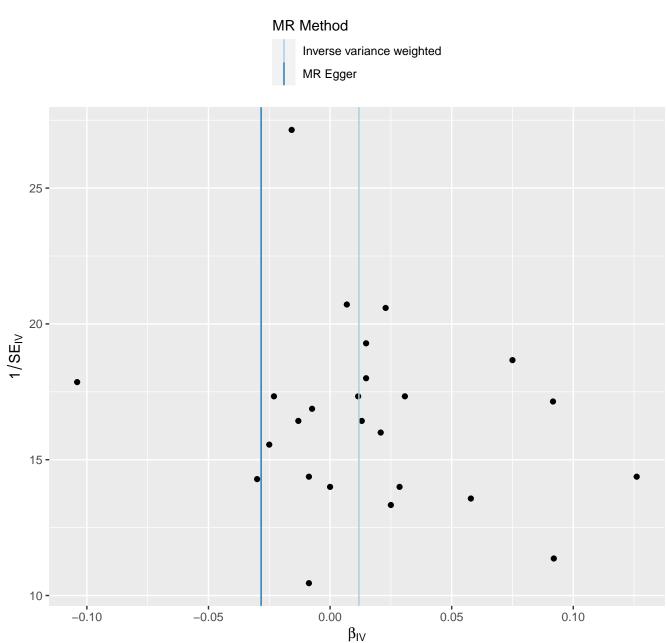
Mannose



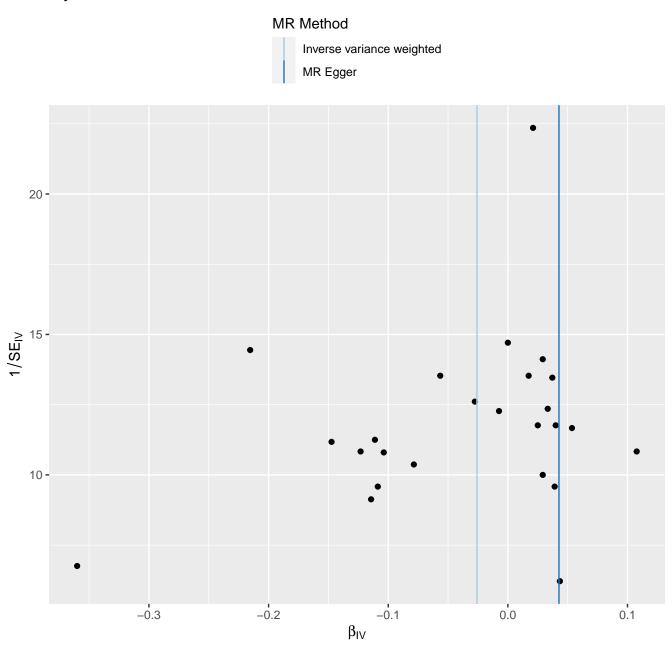
Margarate (17:0)



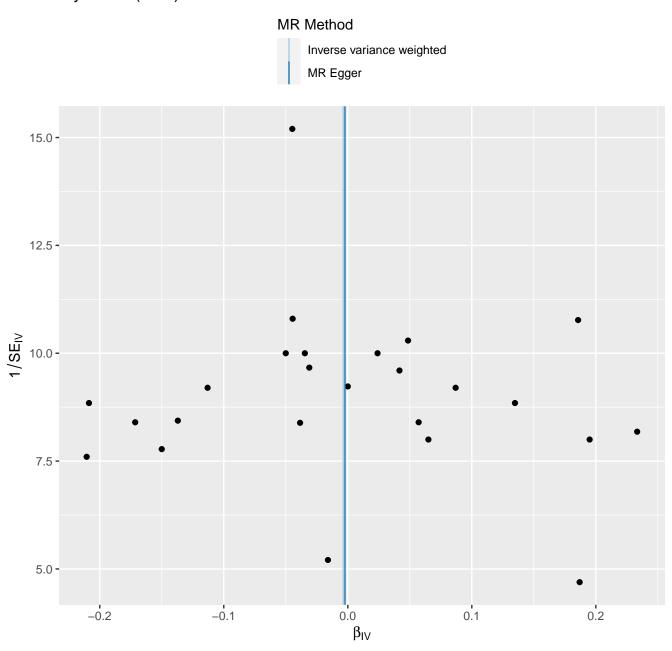
Methionine



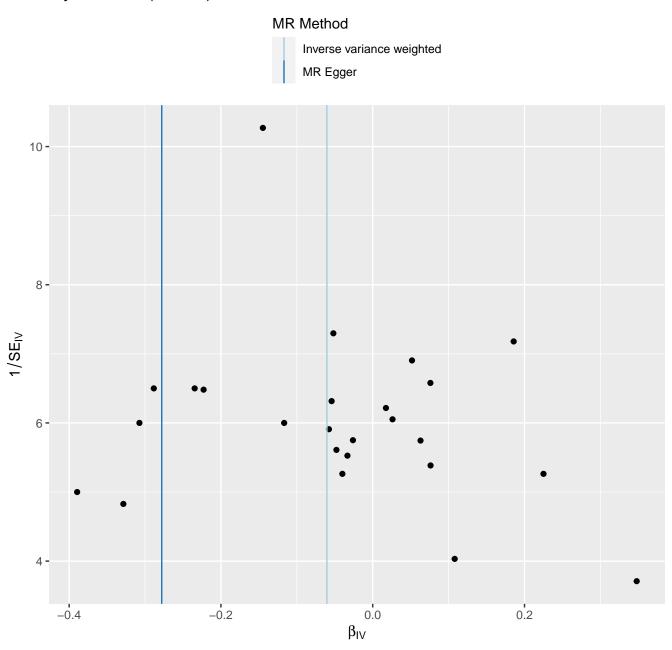
Myo-inositol



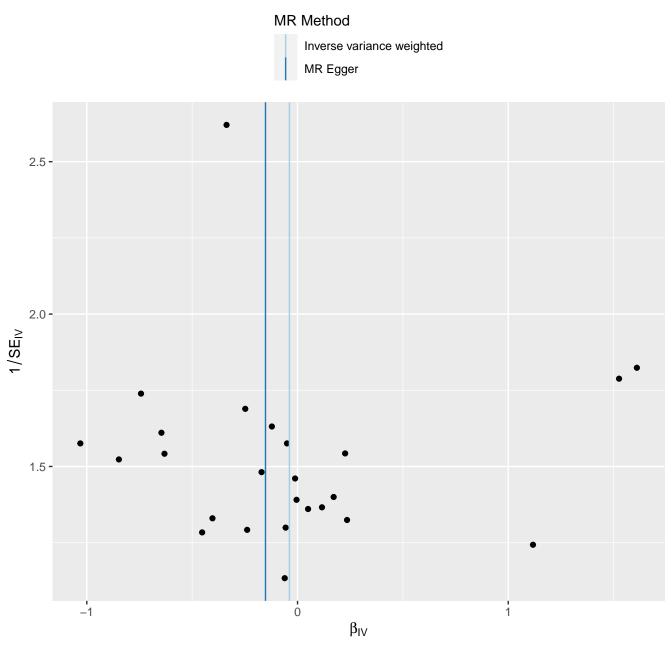
Myristate (14:0)



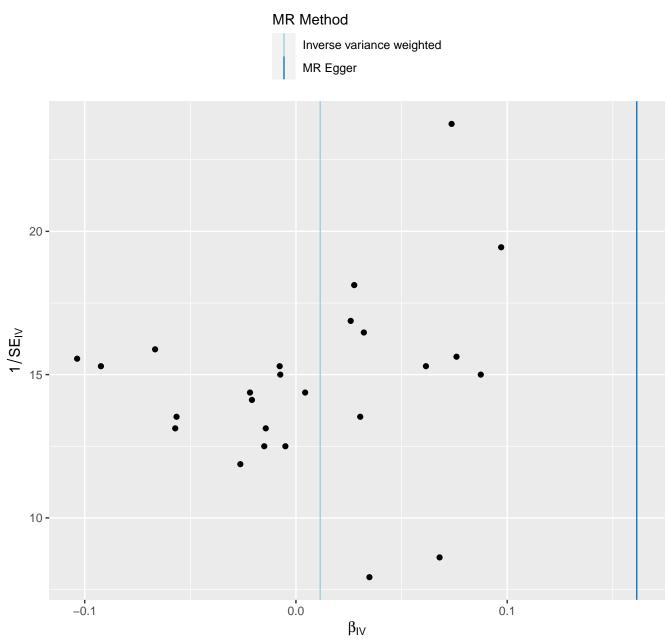
Myristoleate (14:1n5)



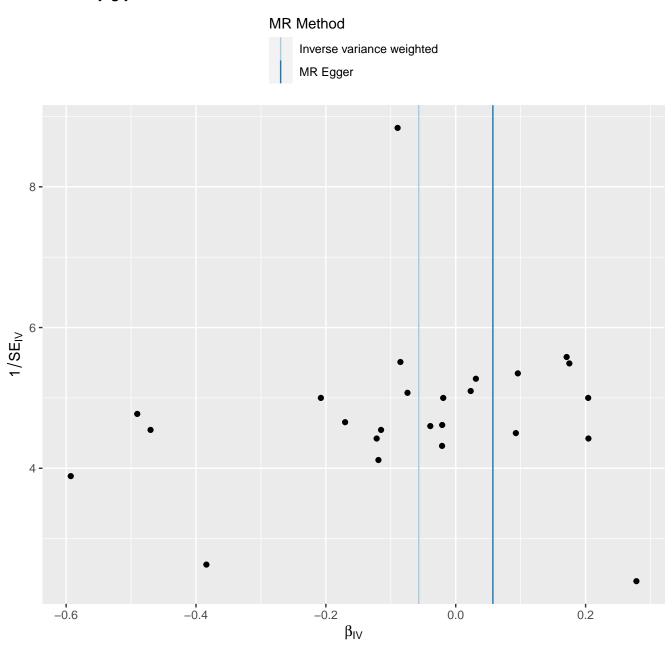
N-(2-furoyl)glycine



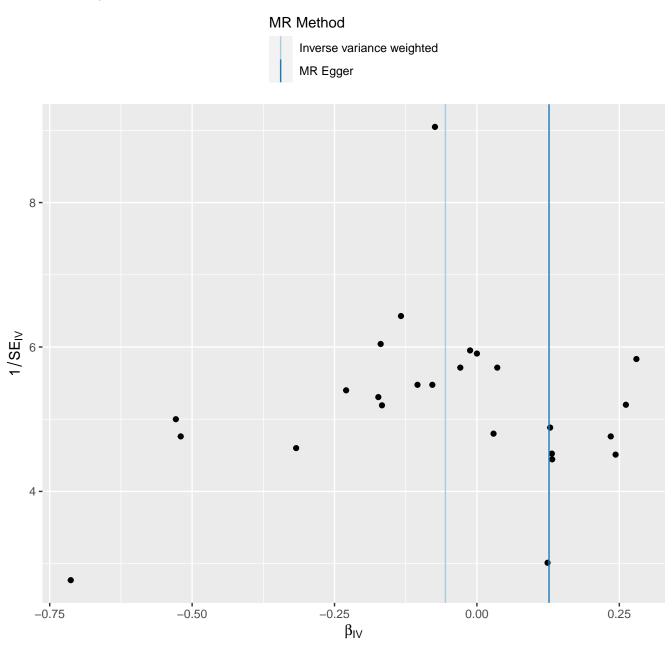
N-acetylalanine



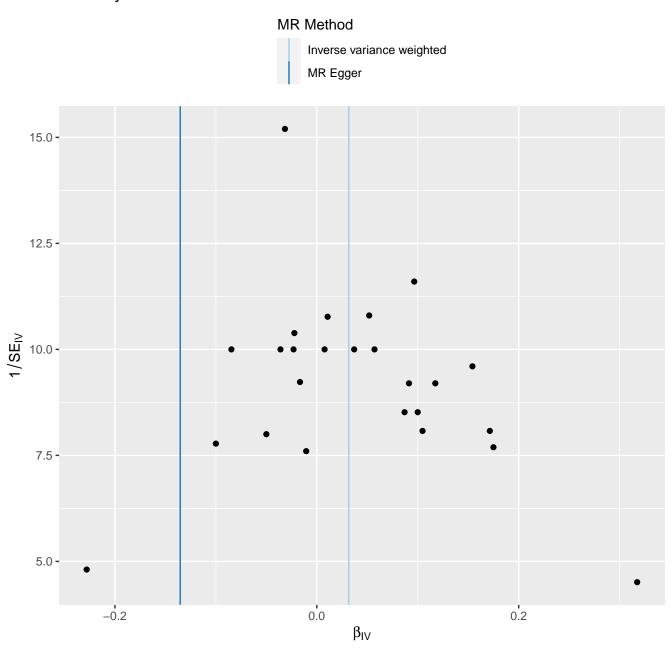
N-acetylglycine



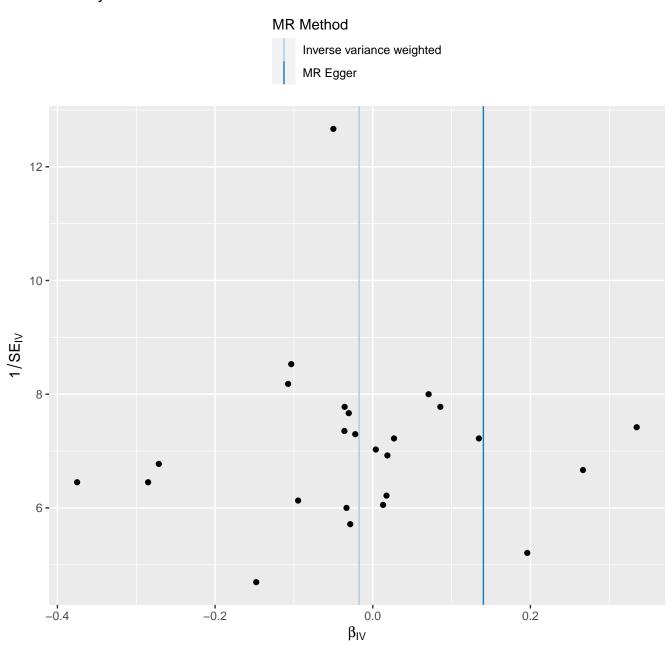
N-acetylornithine



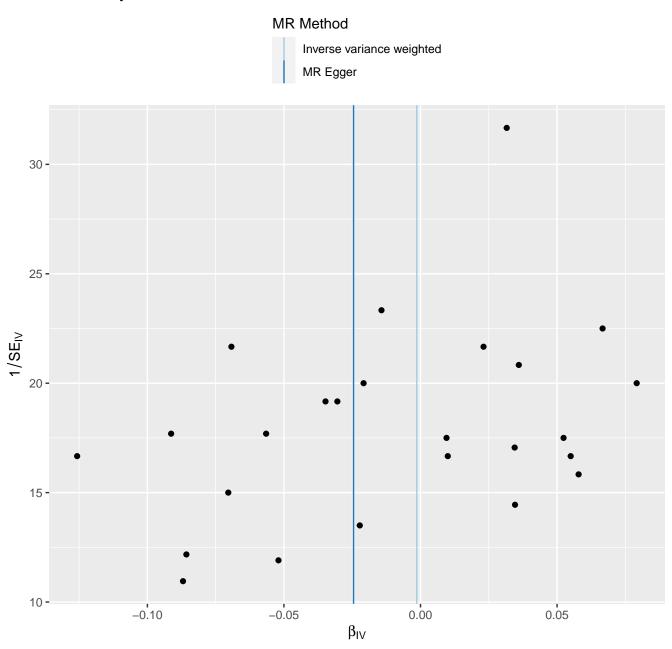
N-acetylthreonine



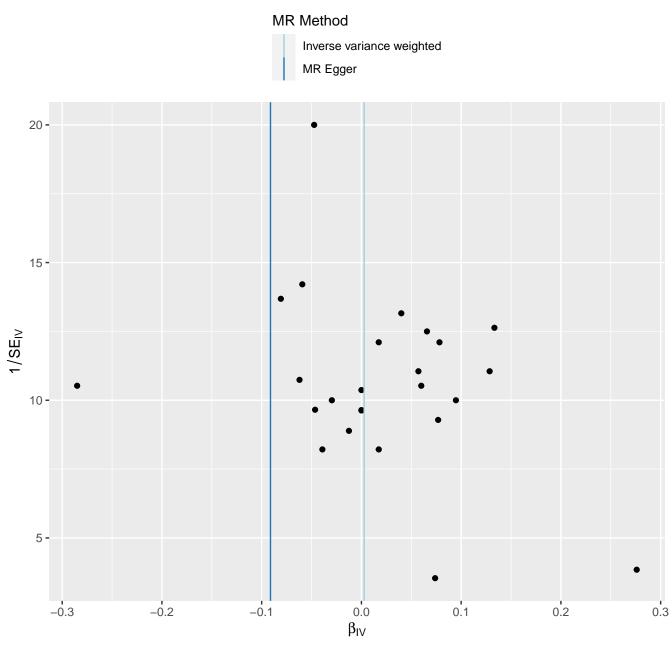
N-Butyl Oleate



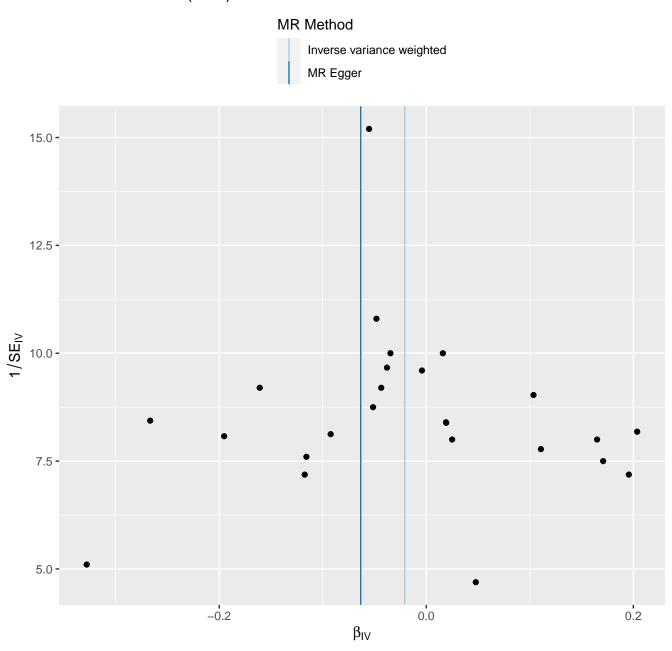
N1-methyladenosine



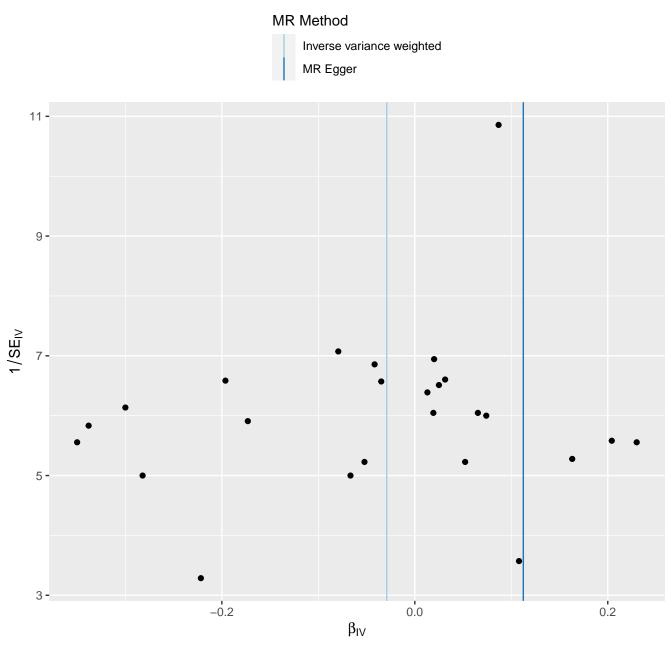
N2,N2-dimethylguanosine



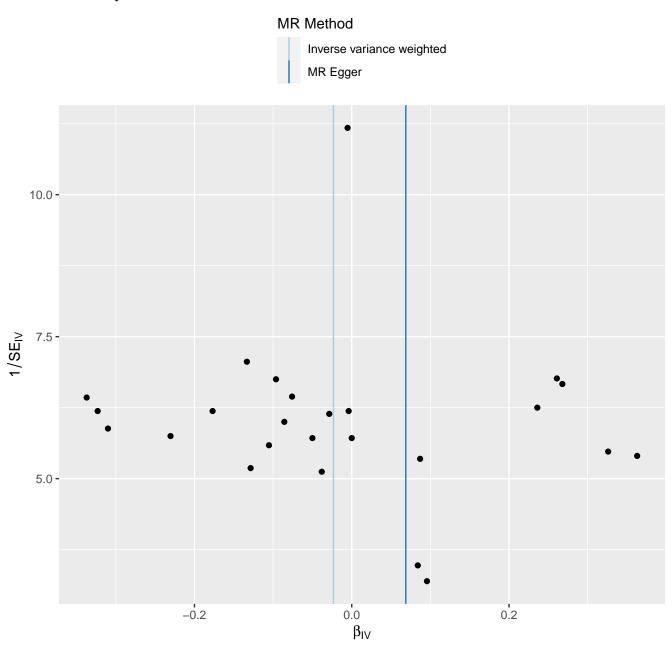
Nonadecanoate (19:0)



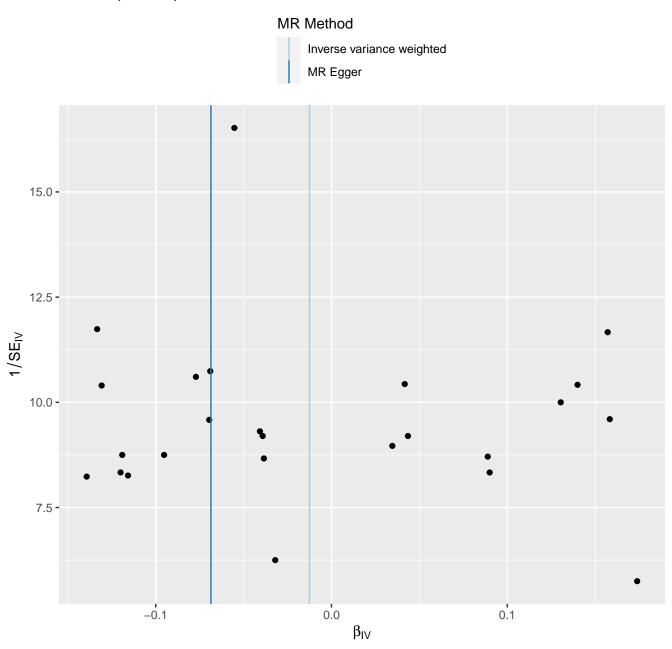
Octadecanedioate



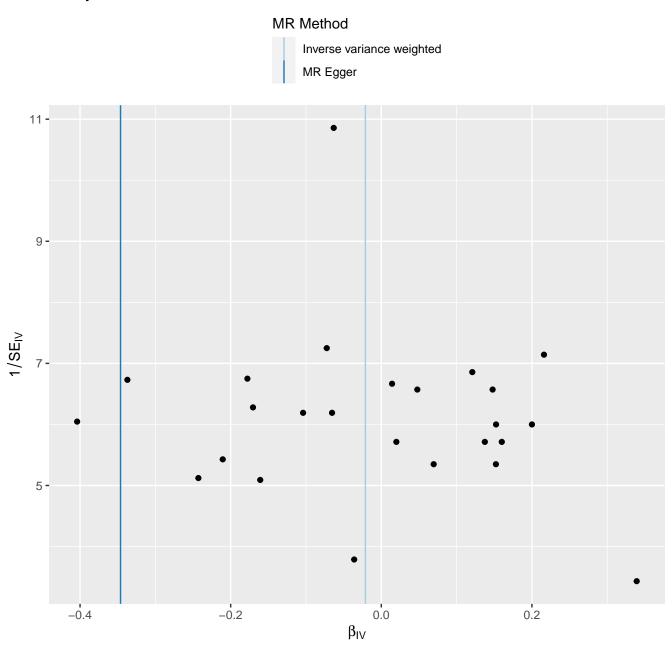
Octanoylcarnitine



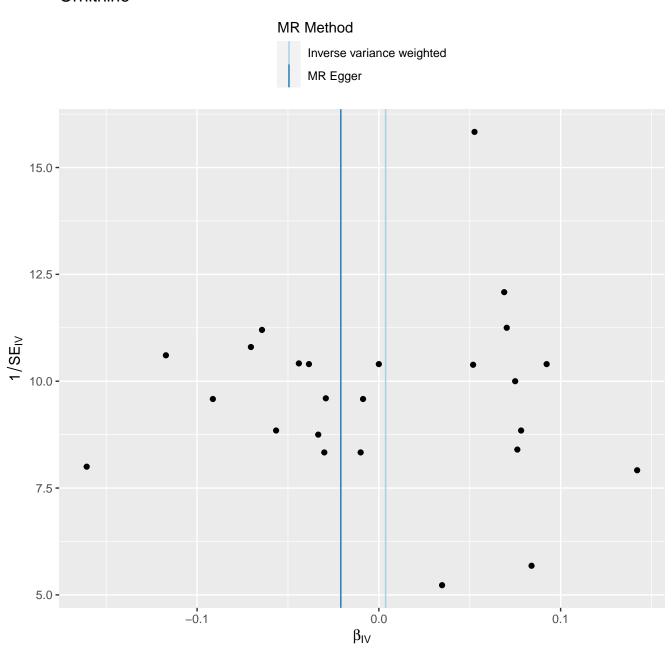
Oleate (18:1n9)



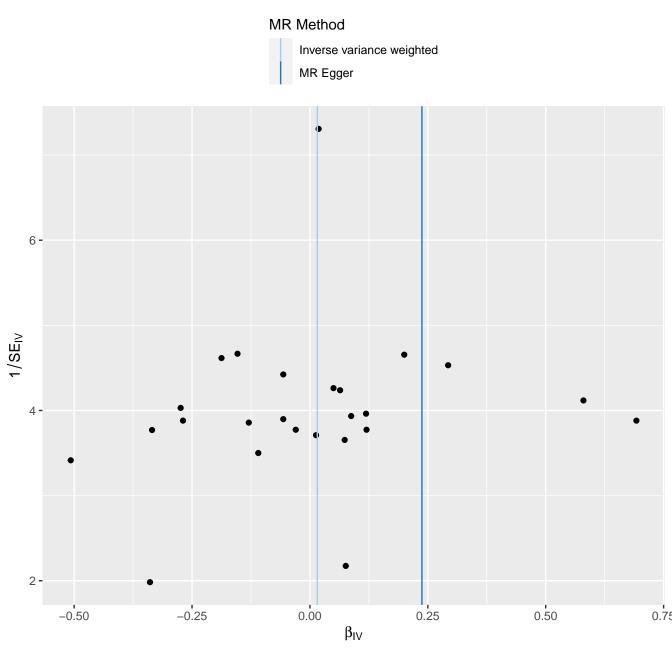
Oleoylcarnitine



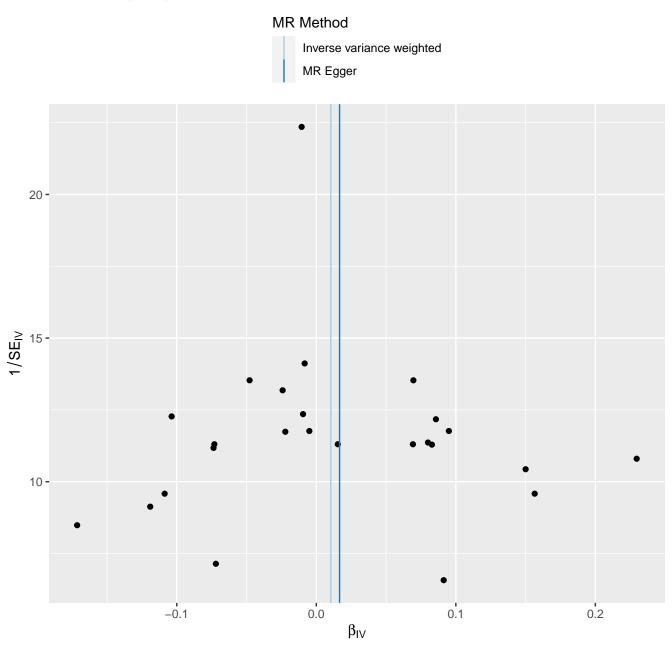
Ornithine



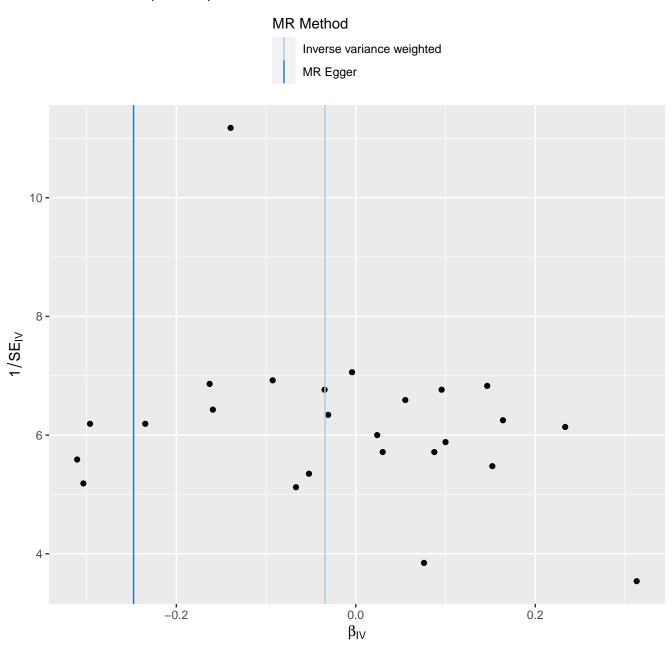
P-cresol sulfate



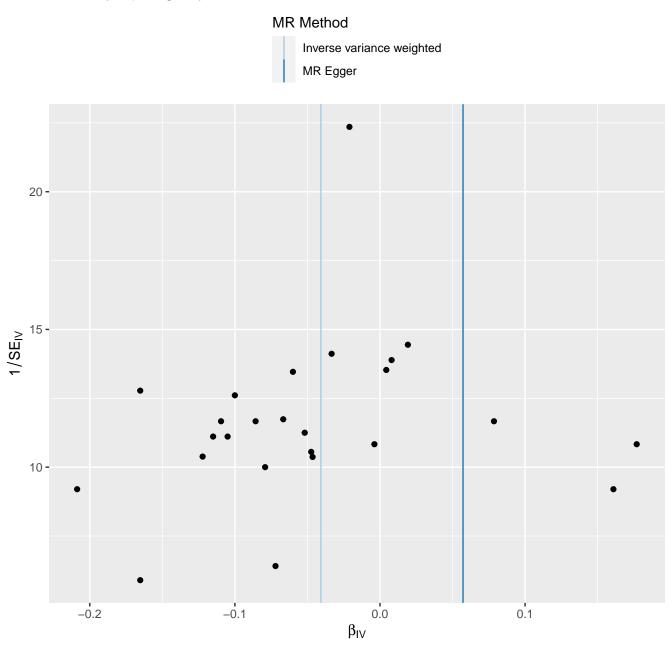
Palmitate (16:0)



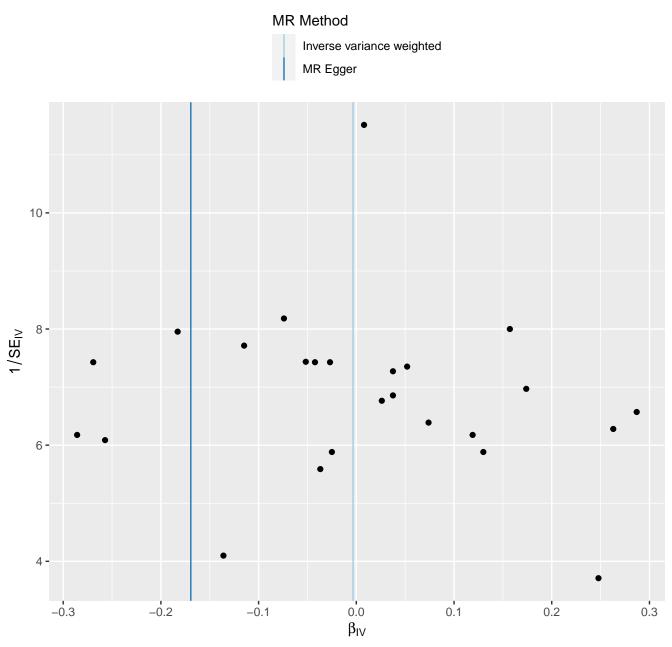
Palmitoleate (16:1n7)



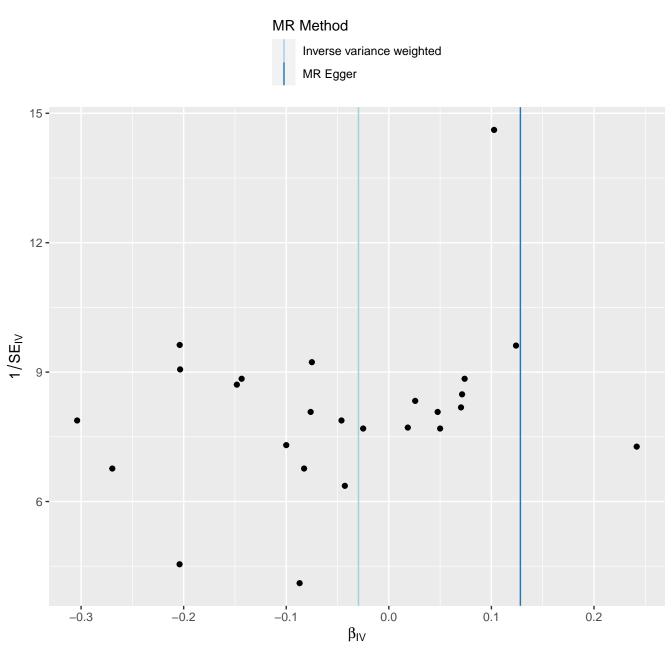
Palmitoyl sphingomyelin



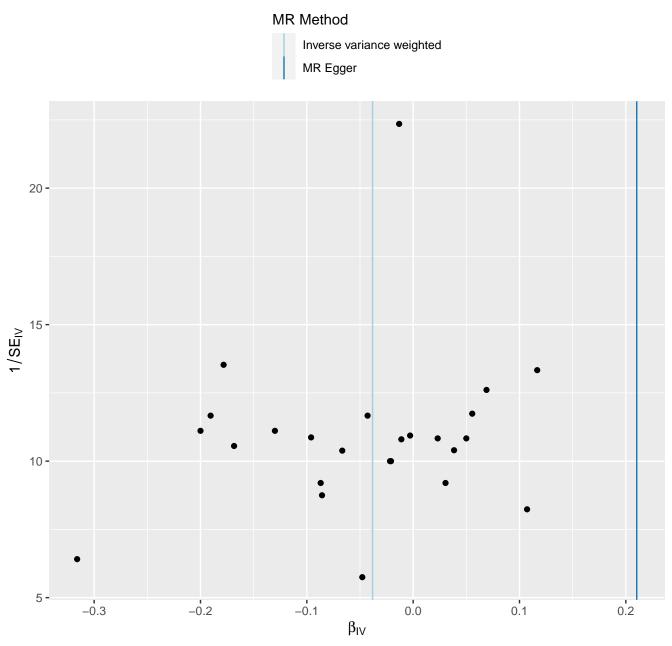
Palmitoylcarnitine



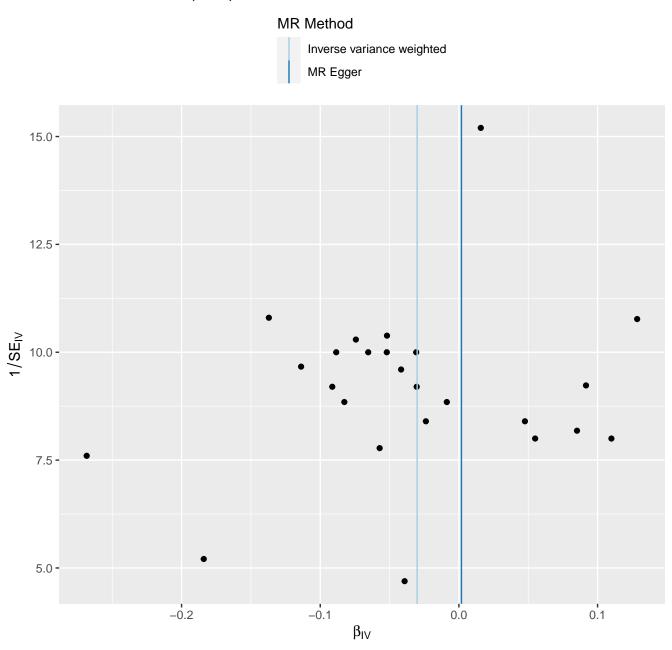
Pantothenate



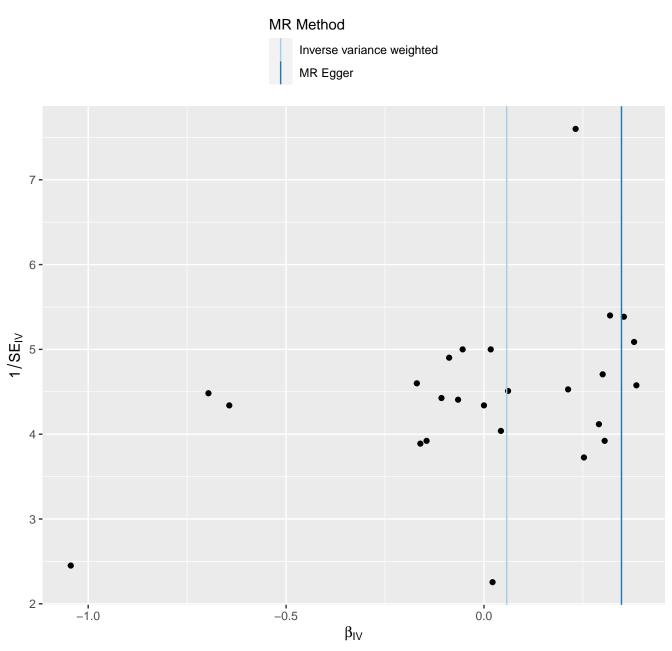
Pelargonate (9:0)



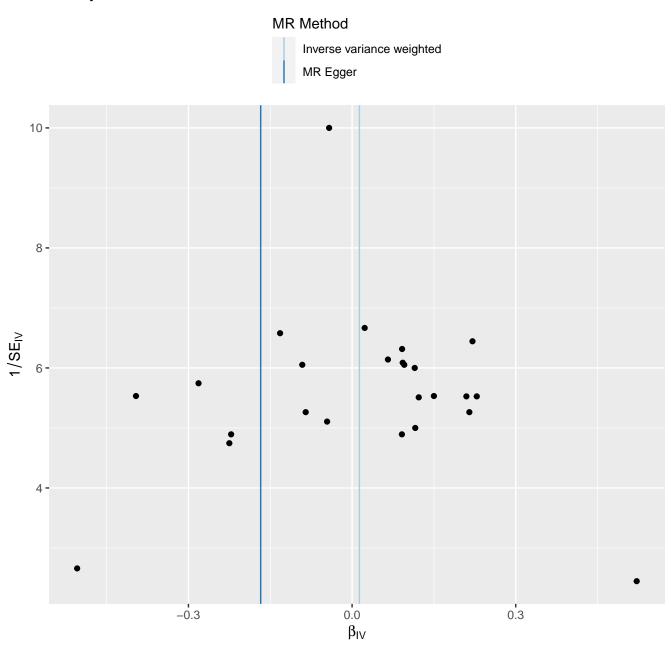
Pentadecanoate (15:0)



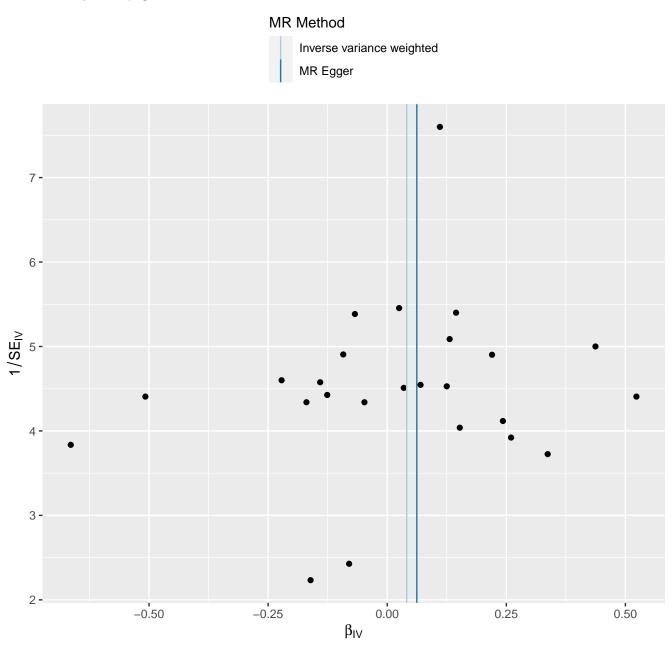
Phenol sulfate



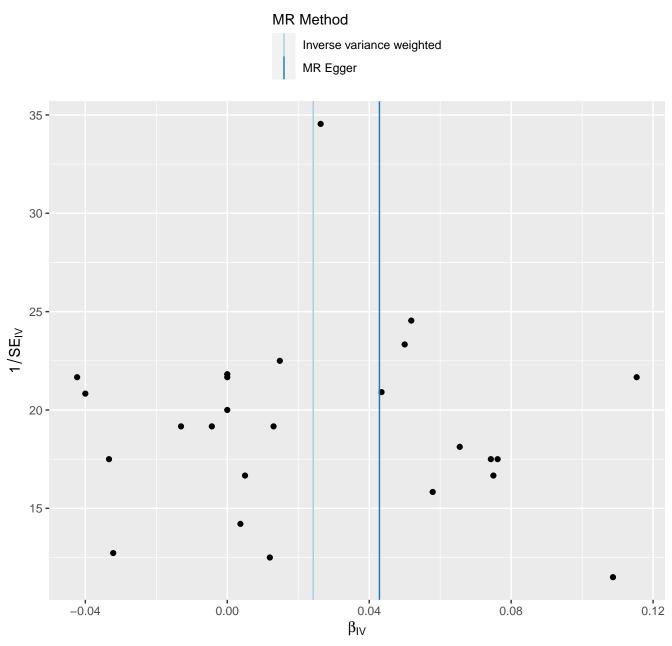
Phenylacetate



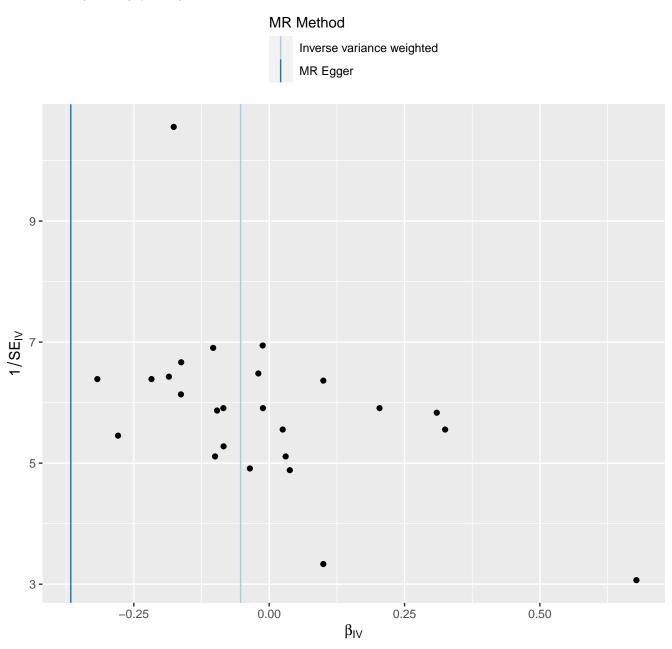
Phenylacetylglutamine



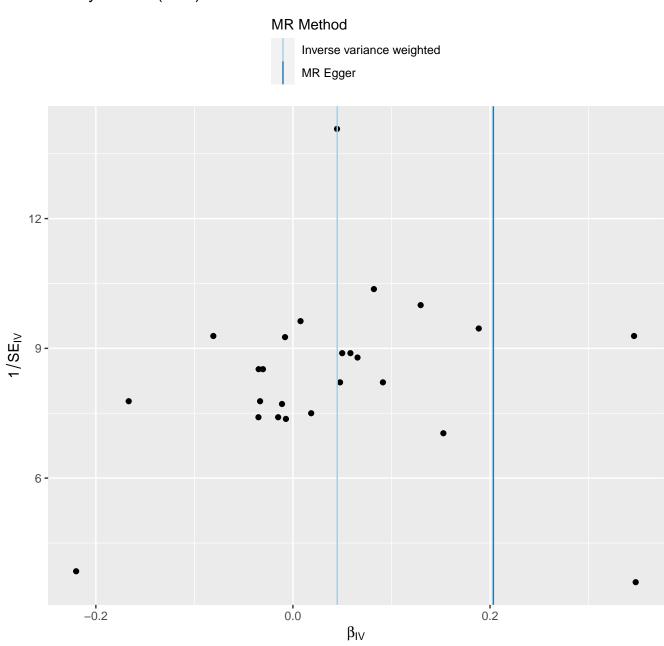
Phenylalanine



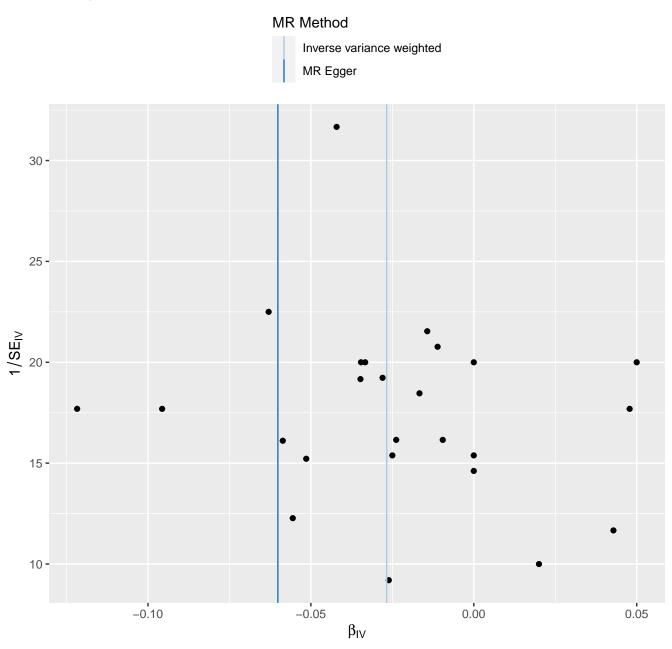
Phenylalanylphenylalanine



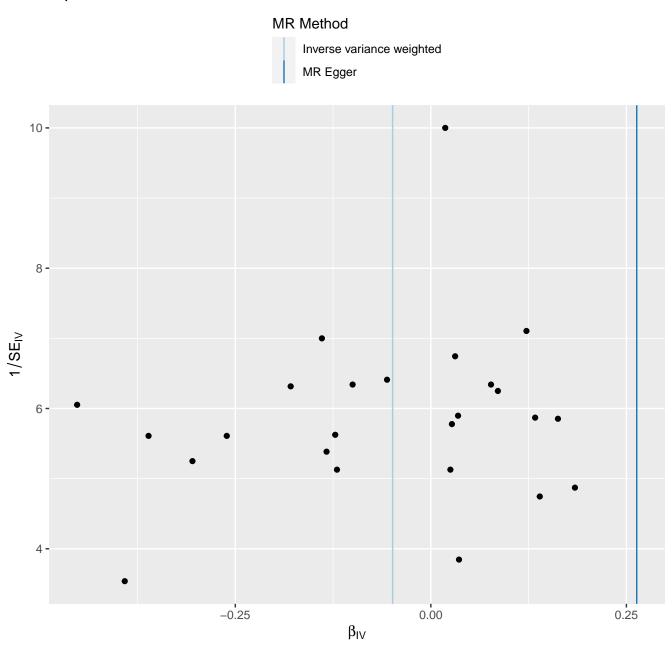
Phenyllactate (PLA)



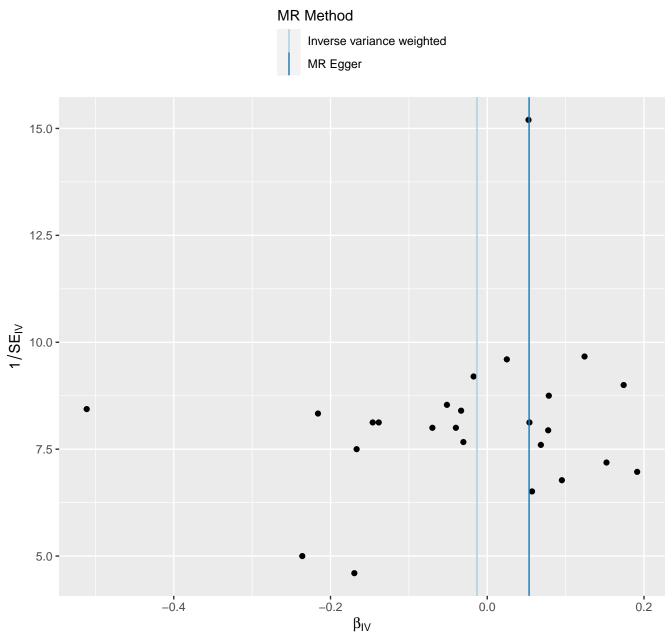
Phosphate



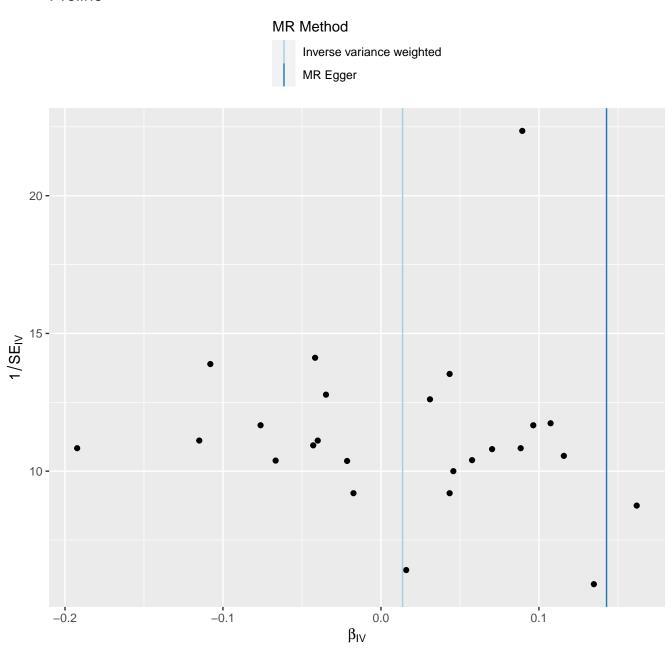
Pipecolate



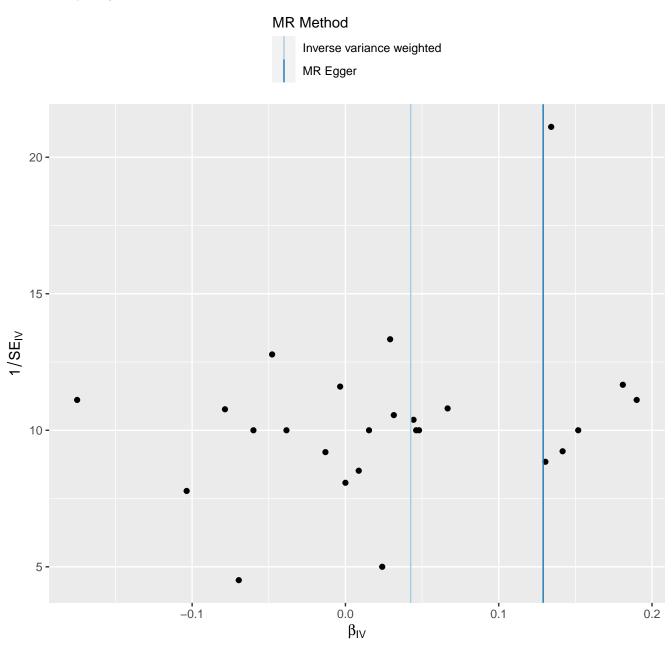
Pro-hydroxy-pro



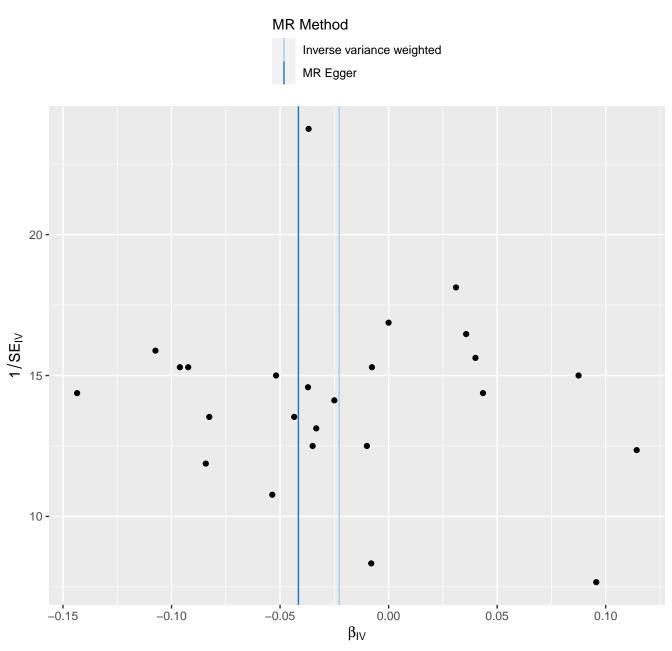
Proline



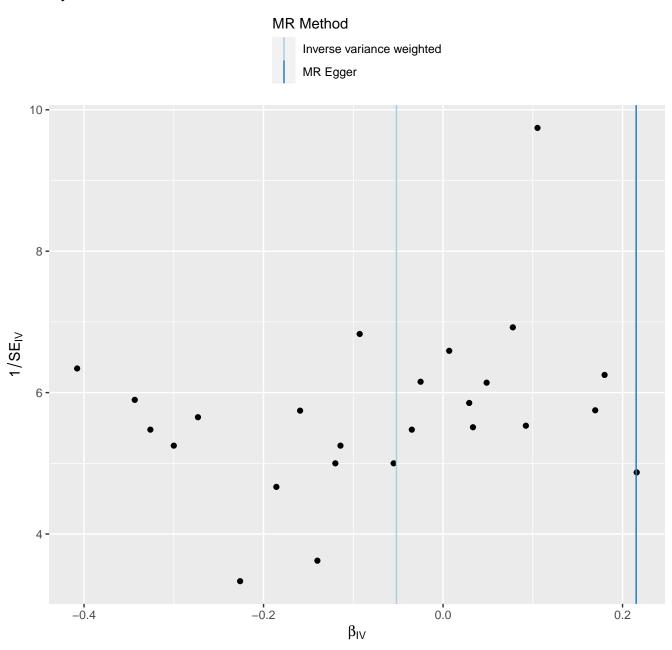
Propionylcarnitine



Pseudouridine



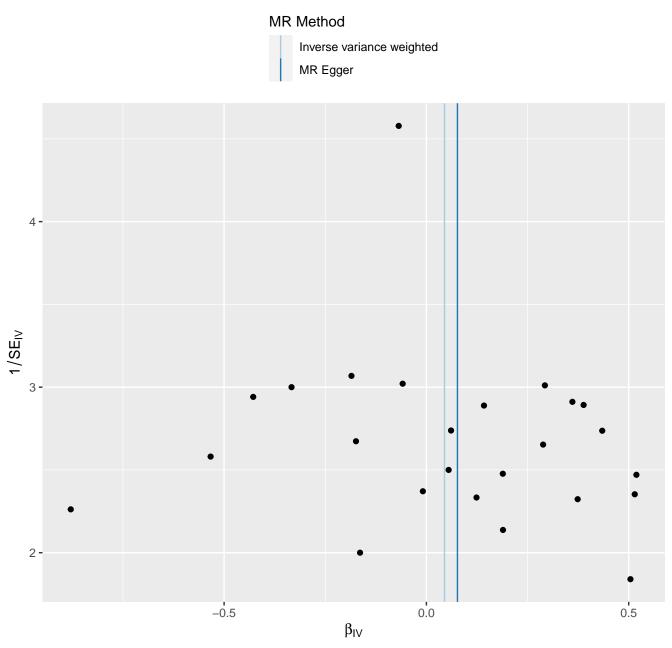
Pyridoxate



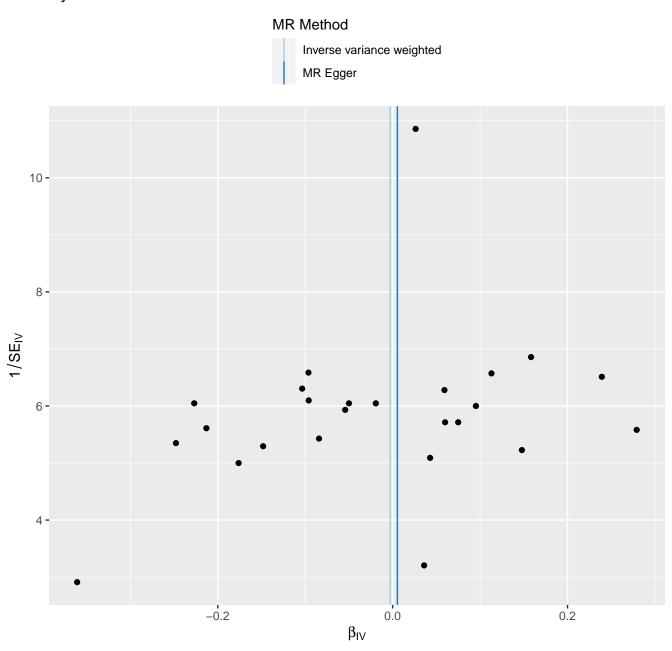
Pyroglutamine* MR Method Inverse variance weighted MR Egger 9 -5 -3 **-**0.2 -0.2 0.0

 β_{IV}

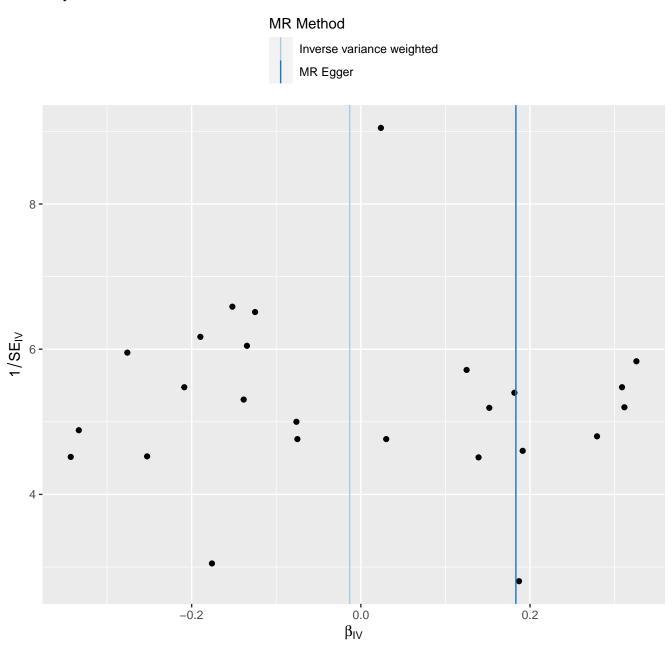
Pyroglutamylglycine



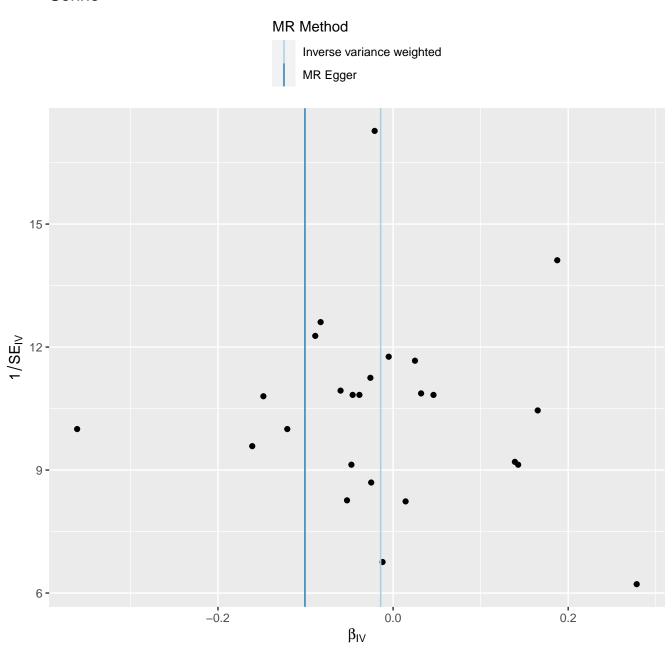
Pyruvate



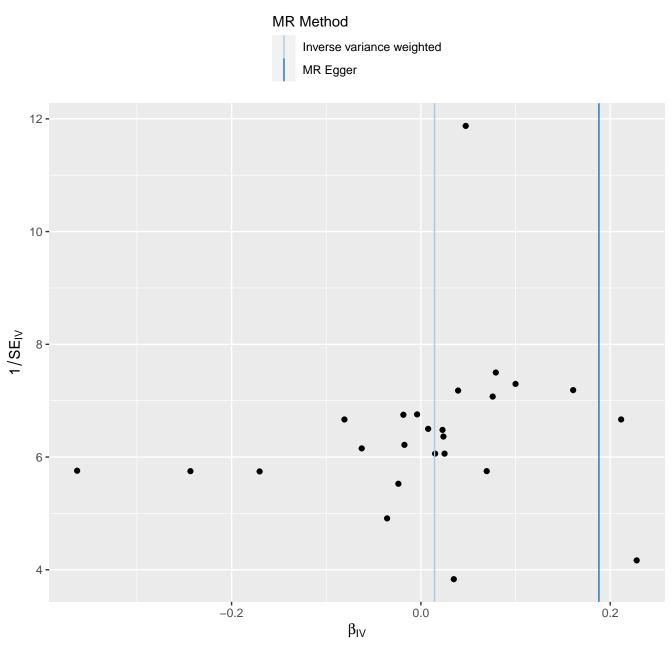
Scyllo-inositol



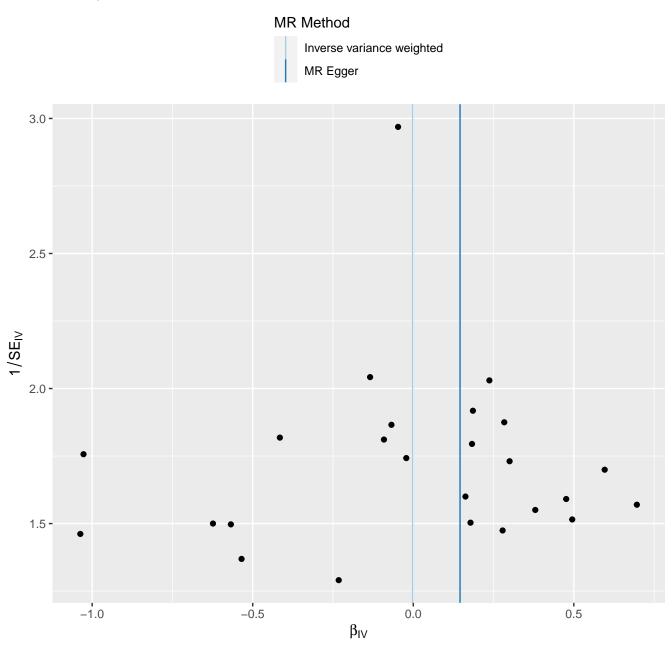
Serine



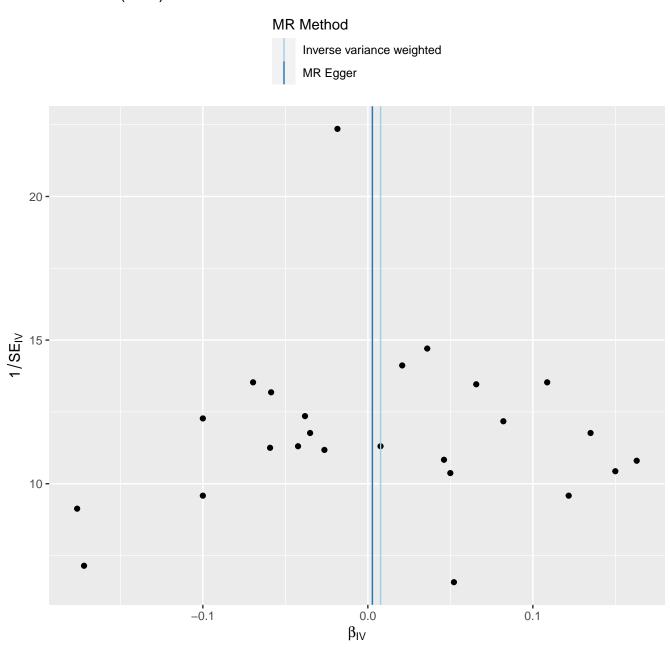
Serotonin (5HT)



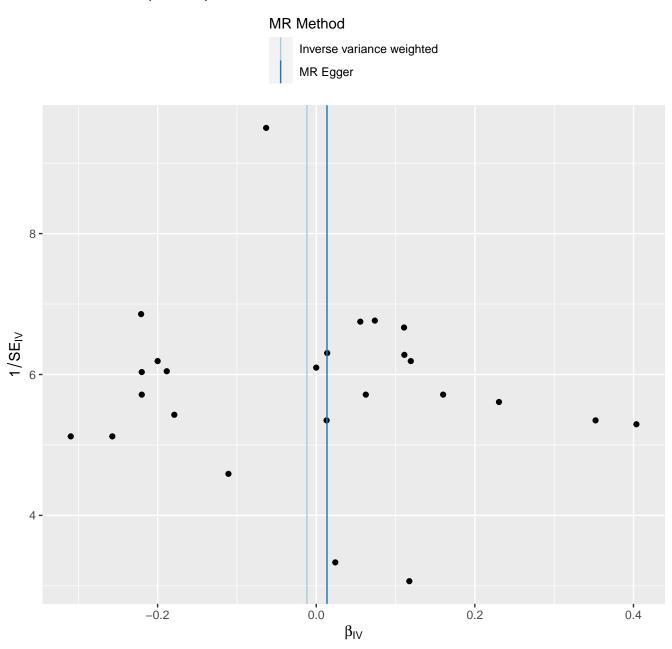
Stachydrine



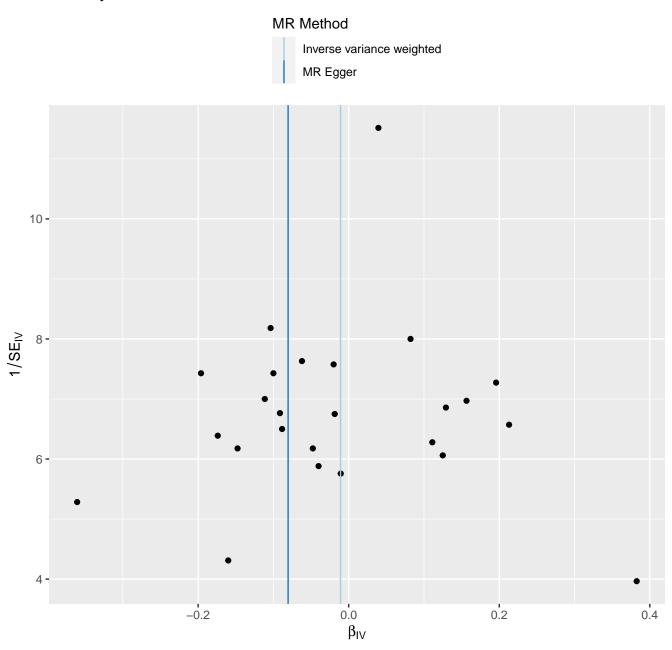
Stearate (18:0)



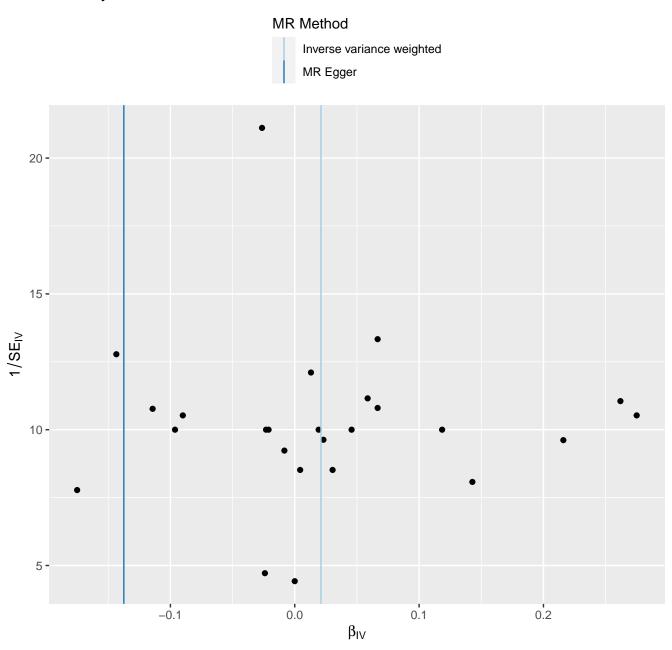
Stearidonate (18:4n3)



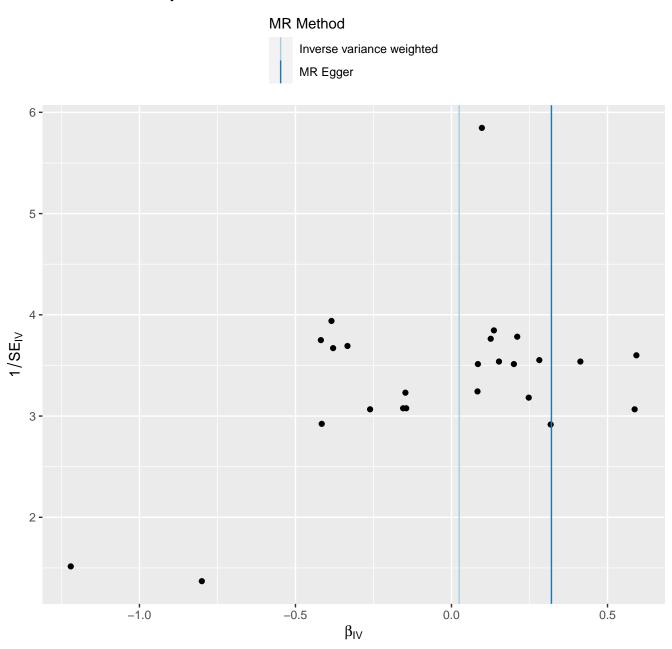
Stearoylcarnitine



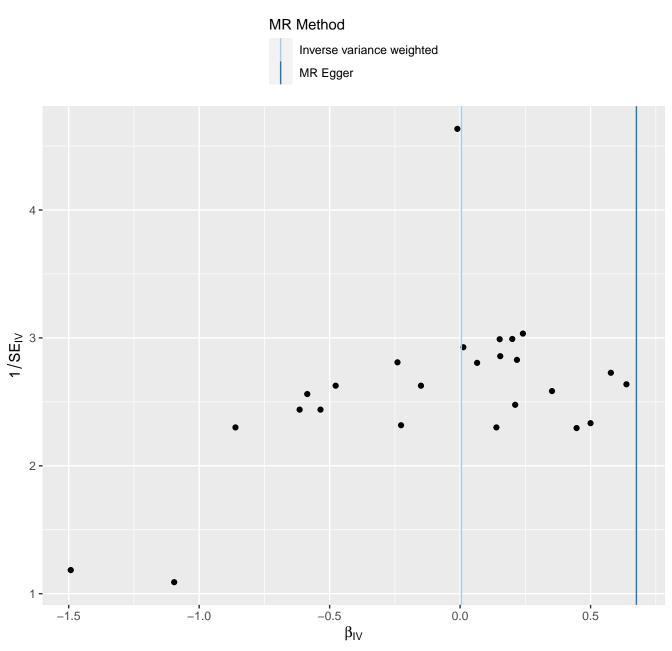
Succinylcarnitine



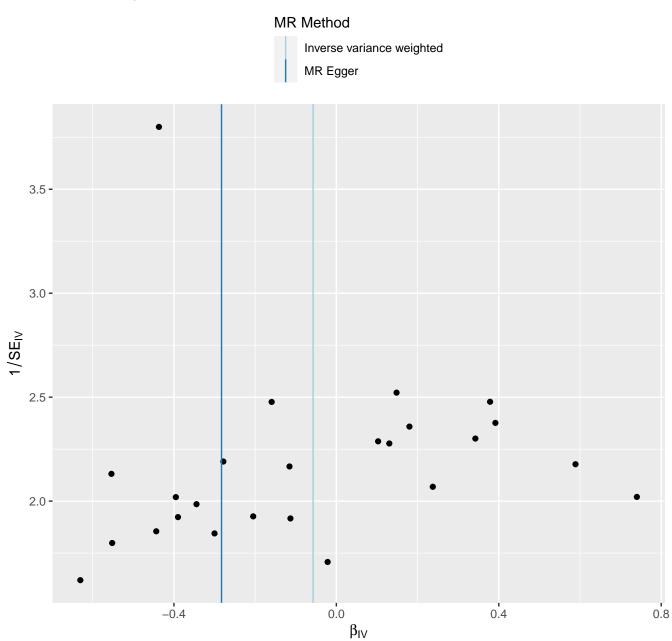
Taurochenodeoxycholate



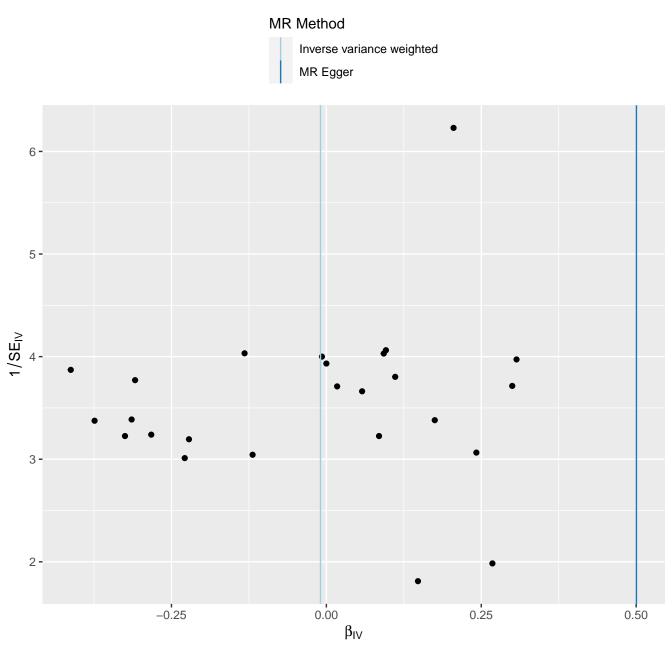
Taurocholate



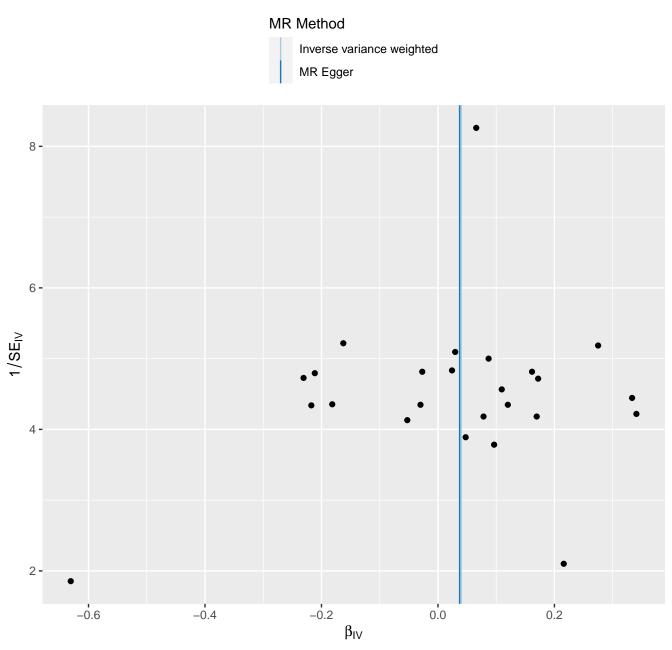
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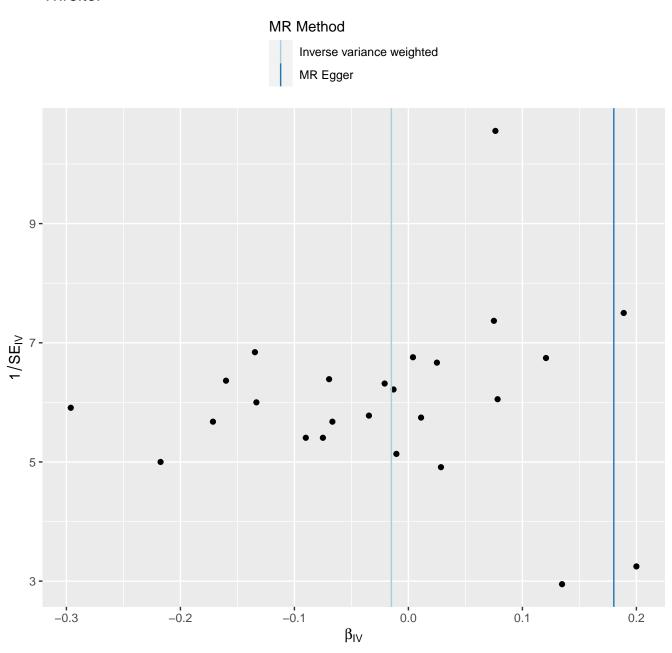
Taurolithocholate 3-sulfate



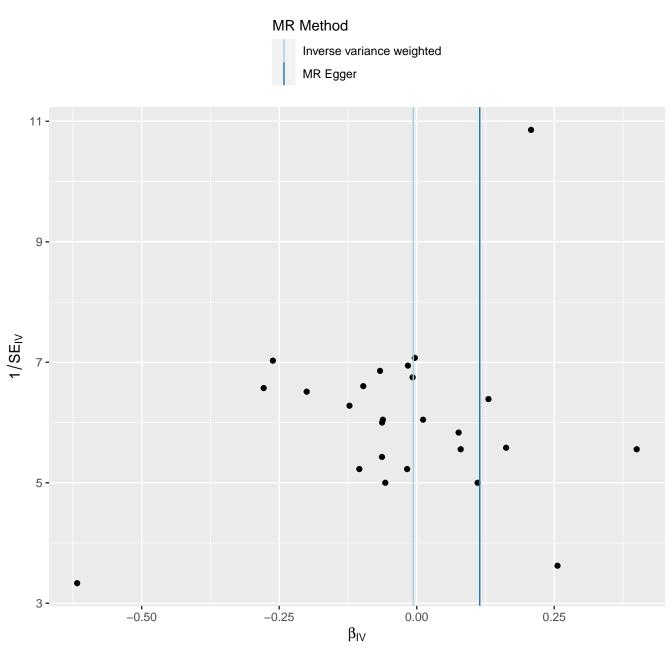
Tetradecanedioate



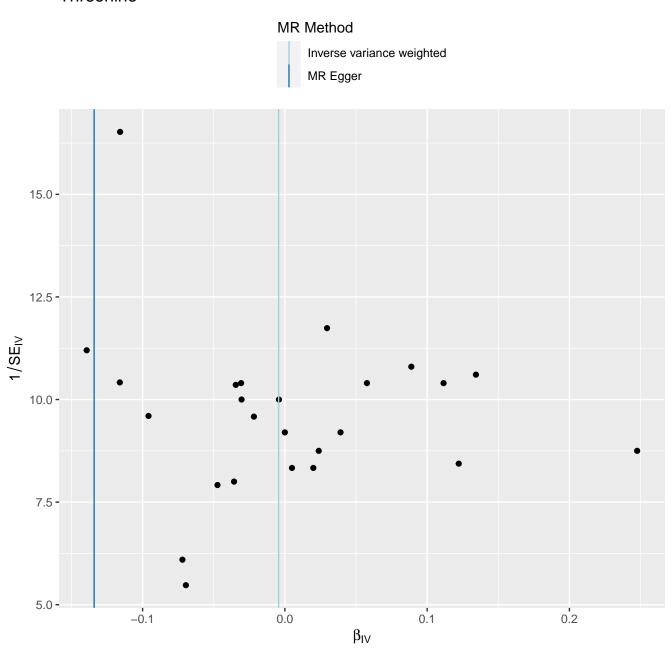
Threitol



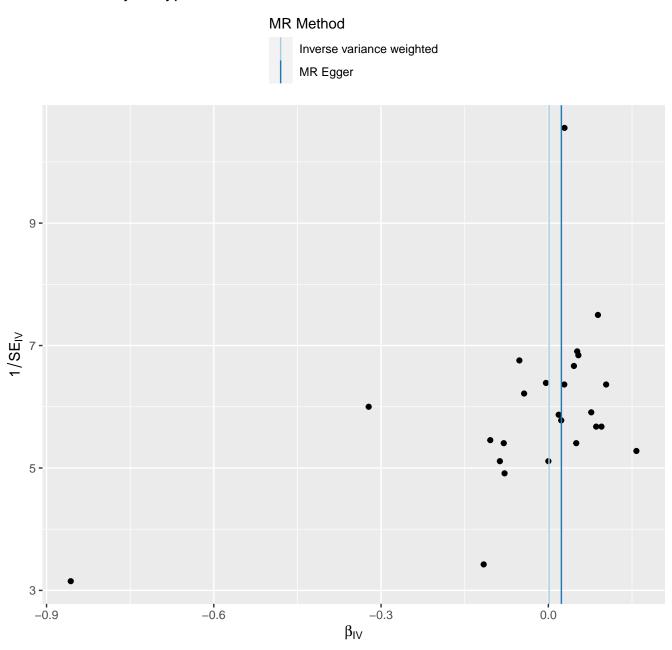
Threonate



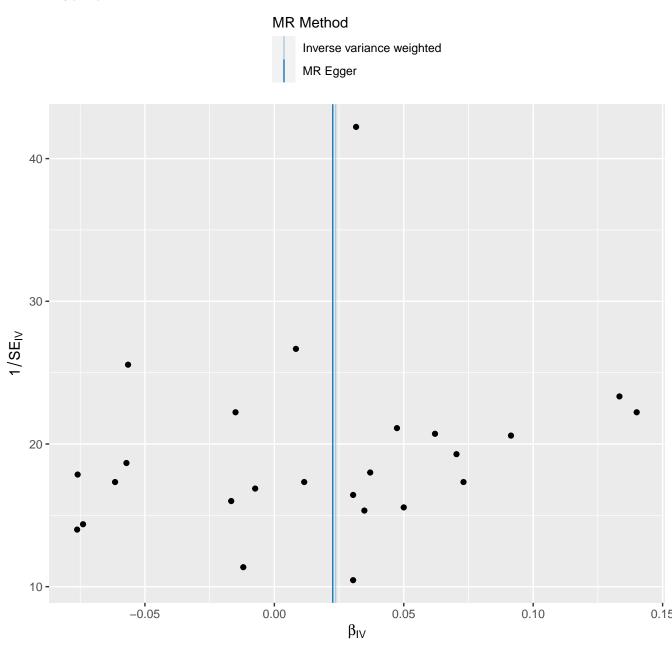
Threonine



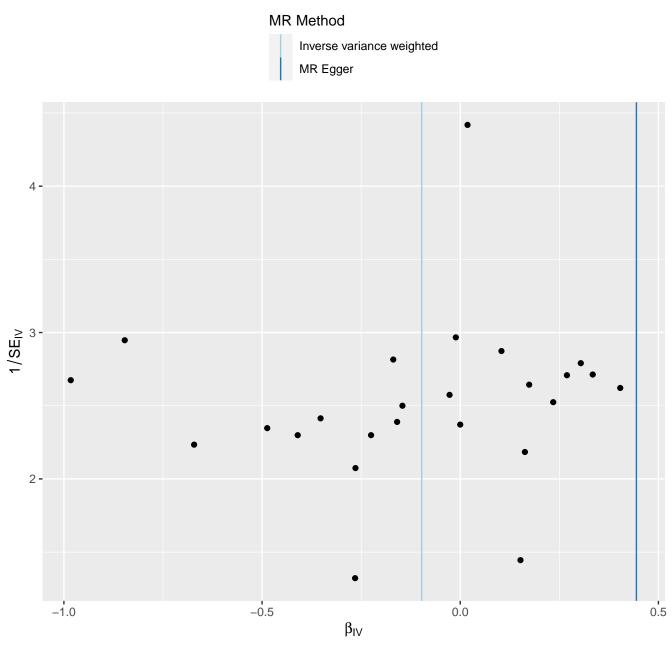
Trans-4-hydroxyproline



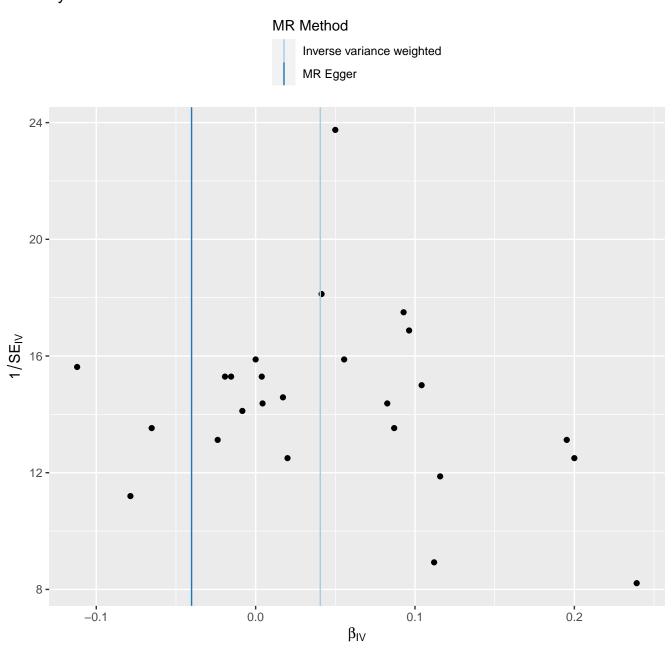
Tryptophan



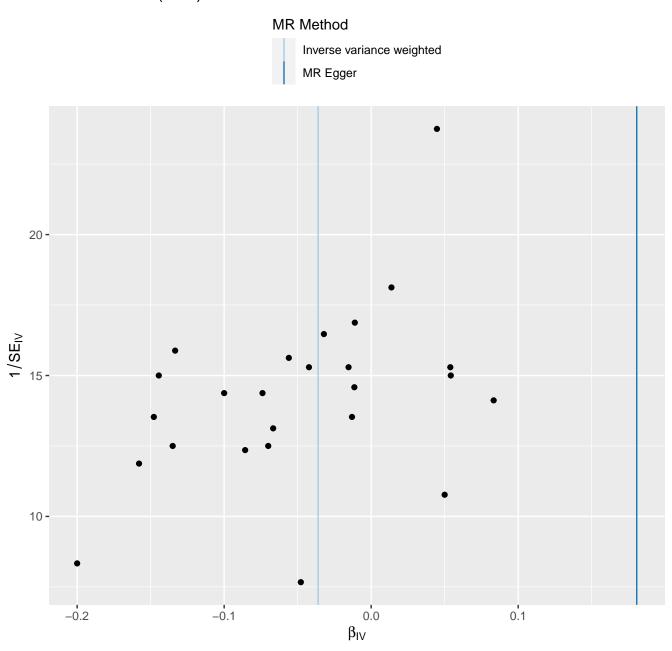
Tryptophan betaine



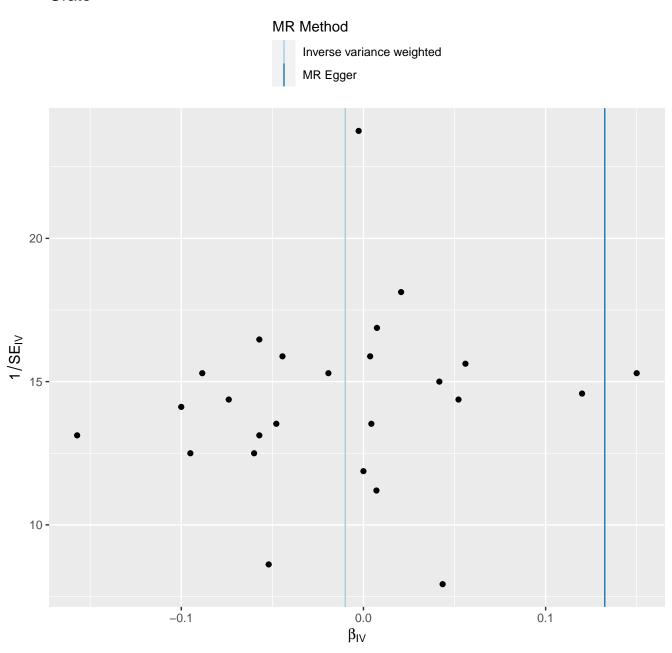
Tyrosine



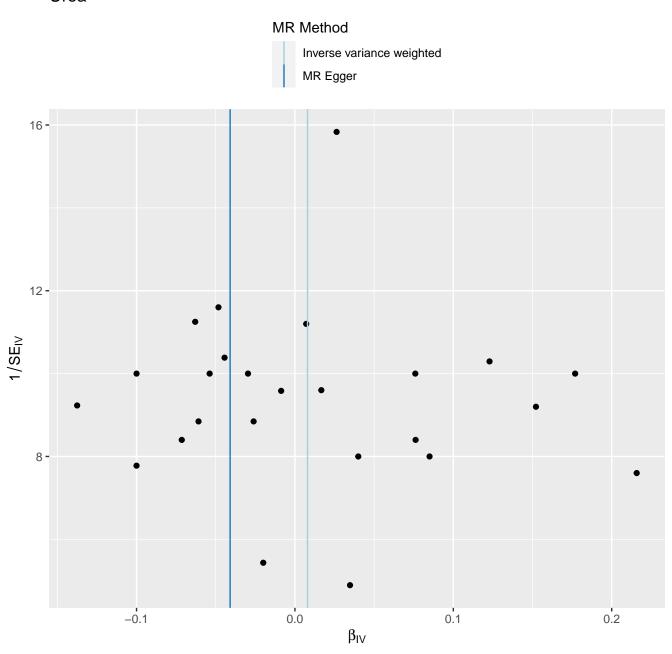
Undecanoate (11:0)



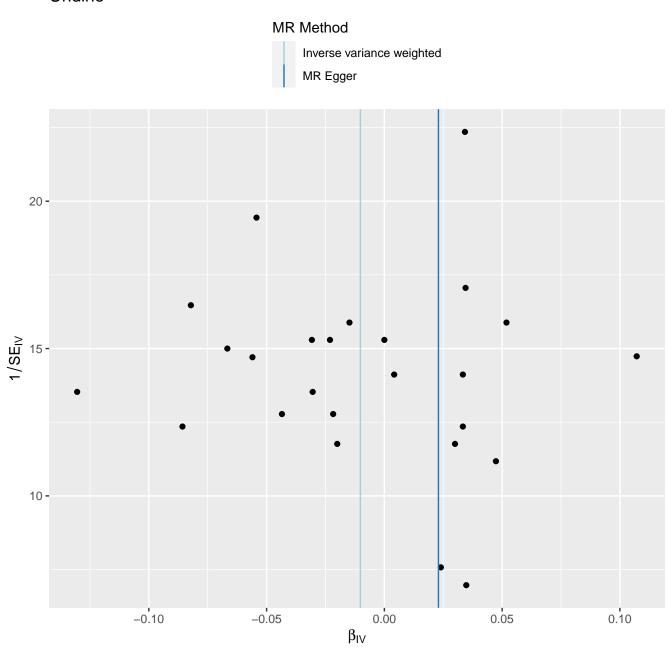
Urate



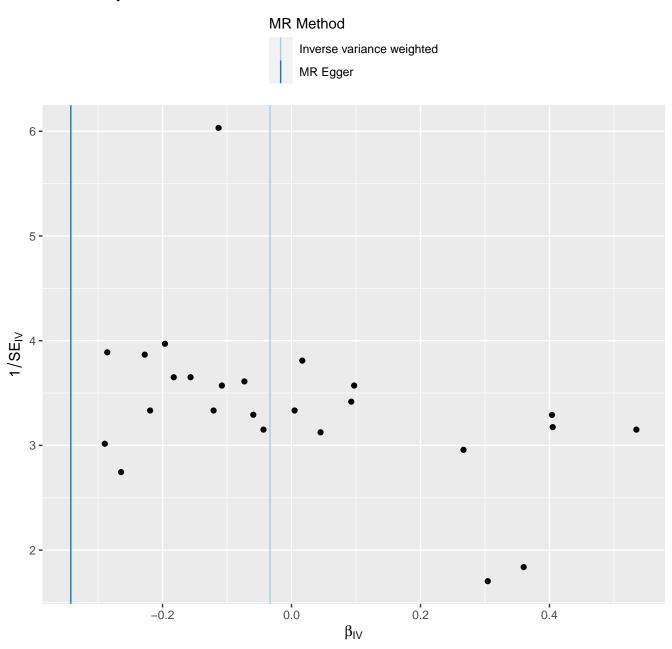
Urea



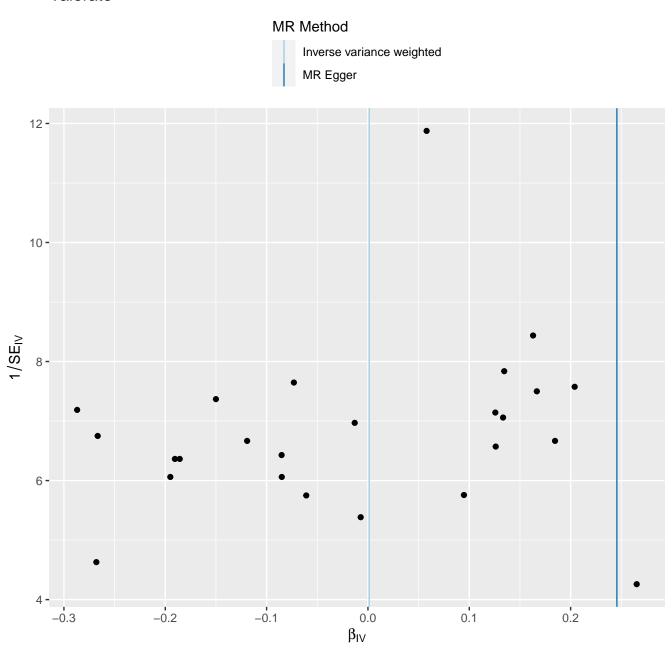
Uridine



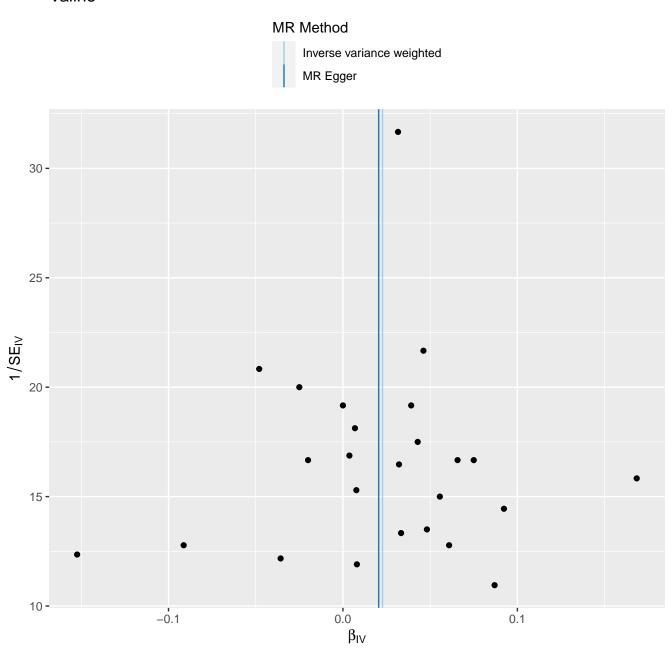
Ursodeoxycholate

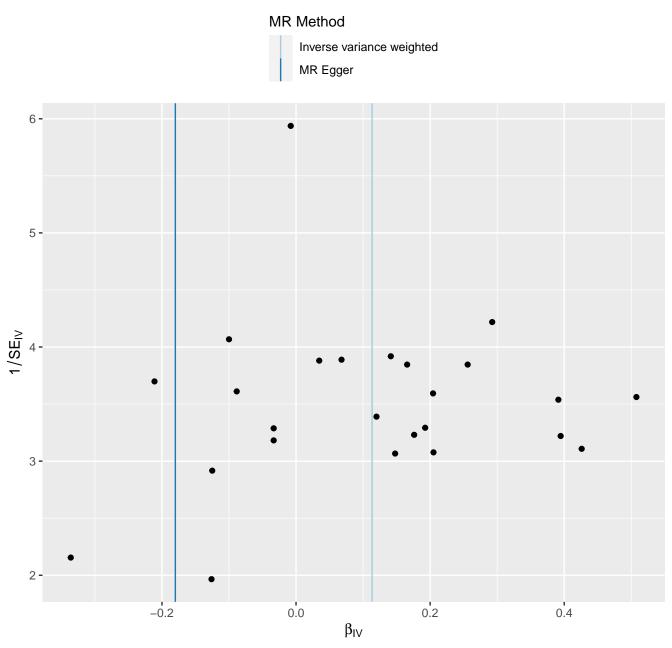


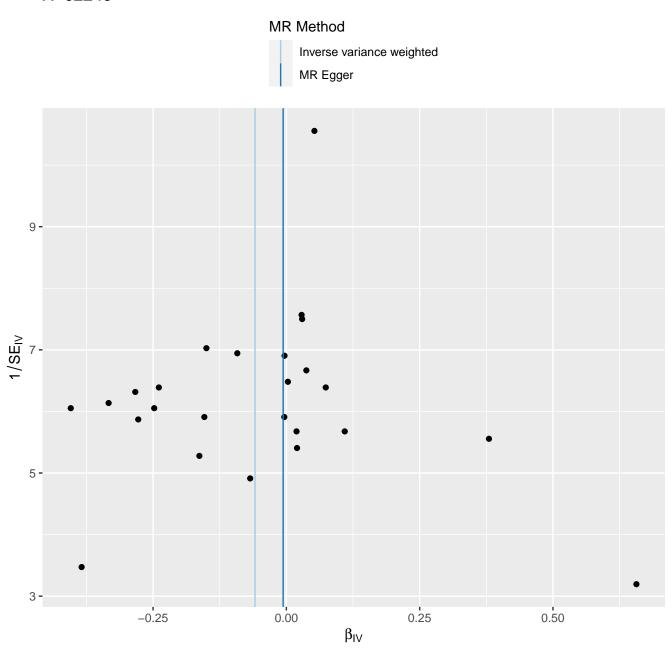
Valerate

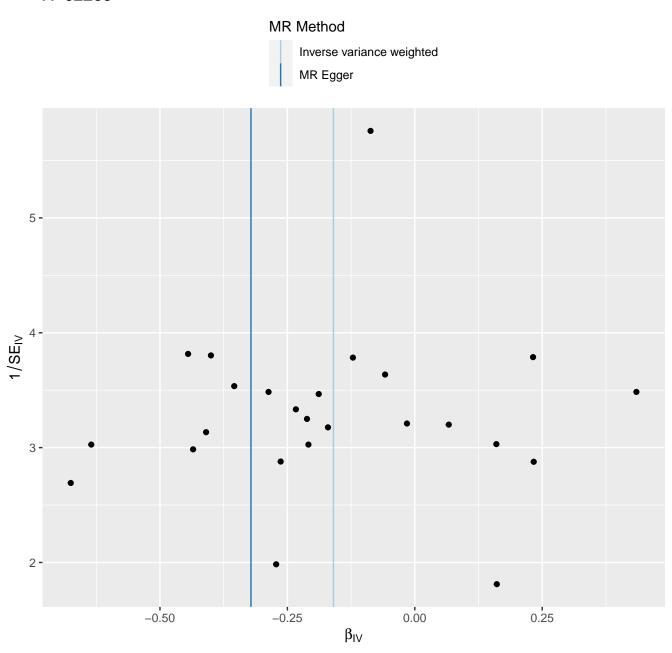


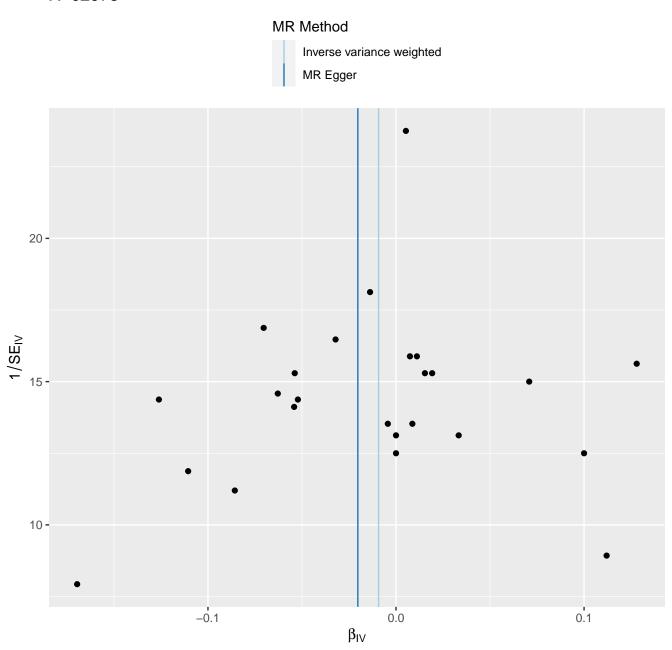
Valine

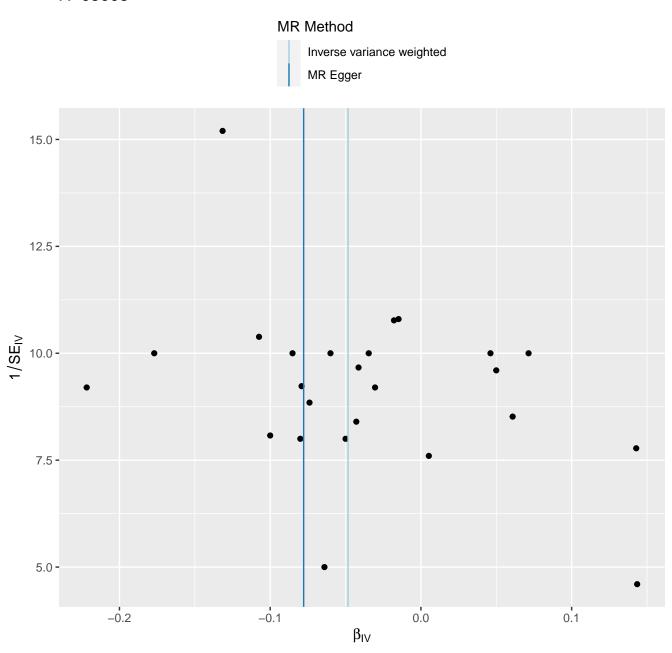




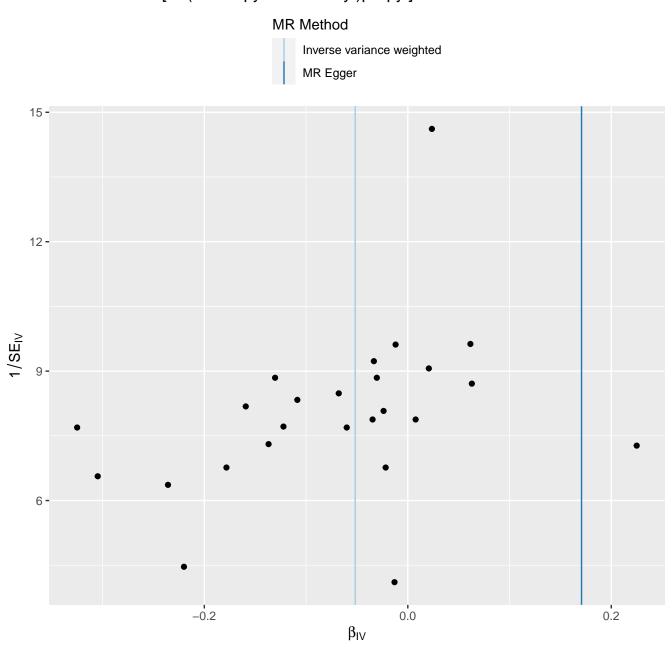


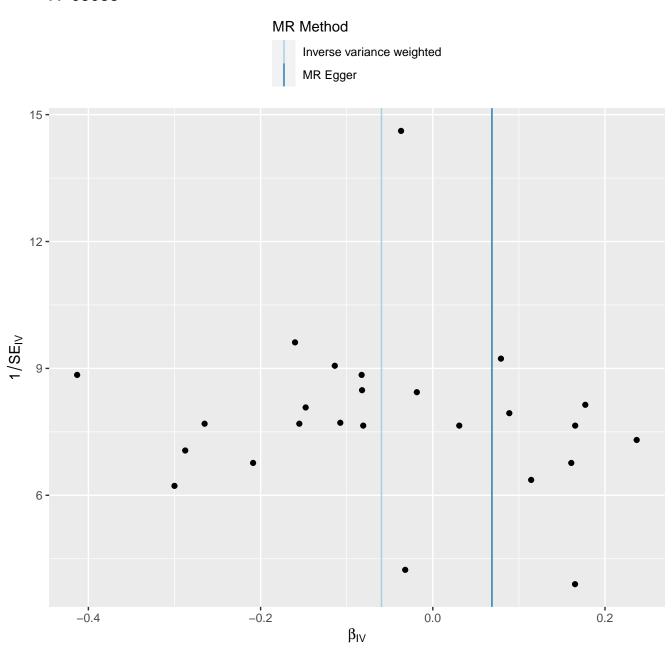


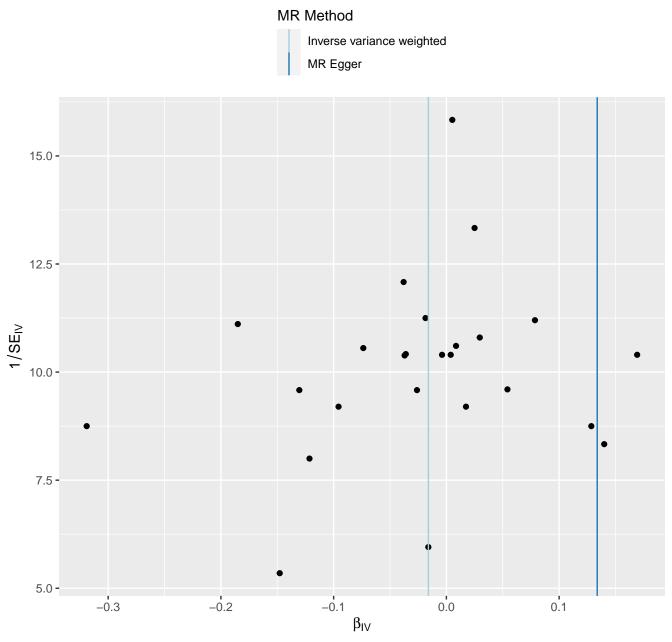


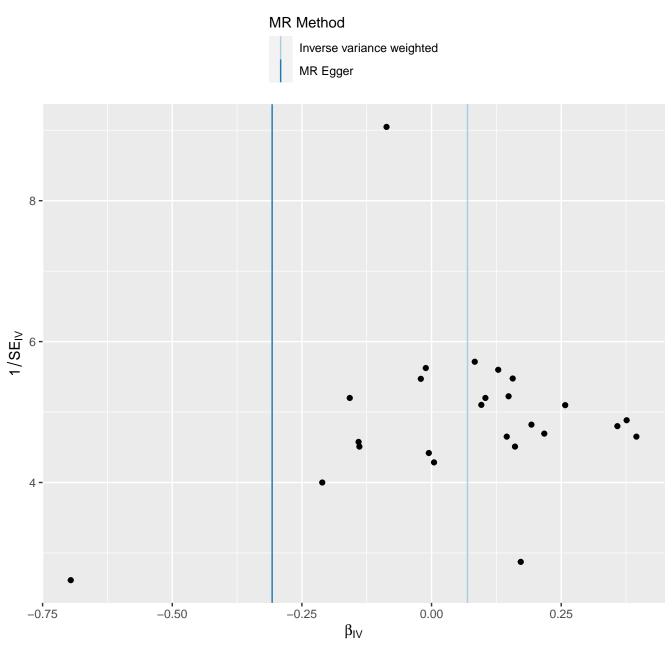


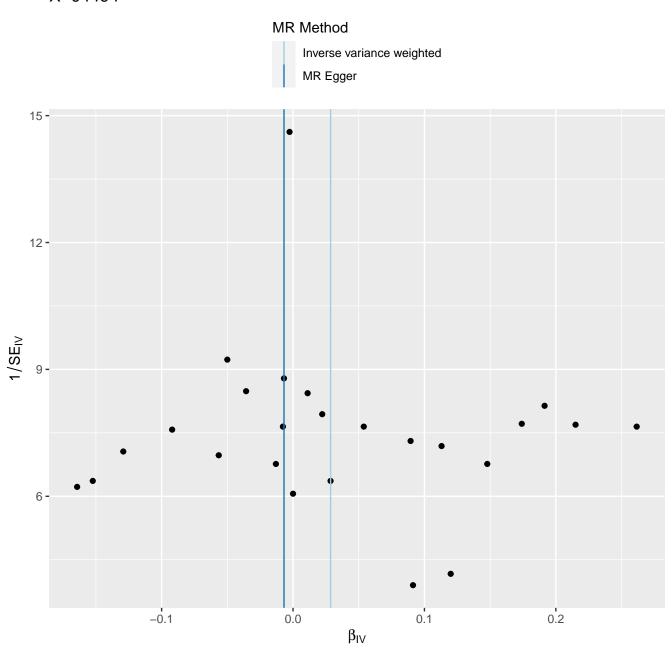
X-03056--N-[3-(2-Oxopyrrolidin-1-yl)propyl] acetamide

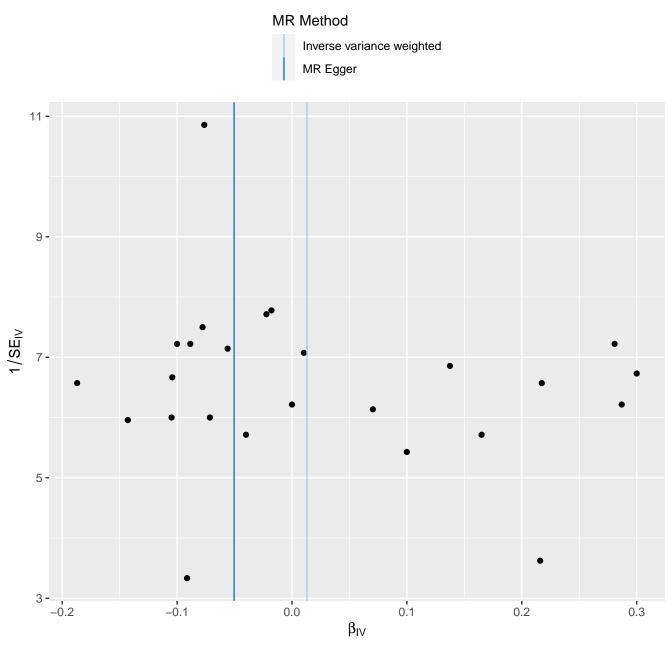


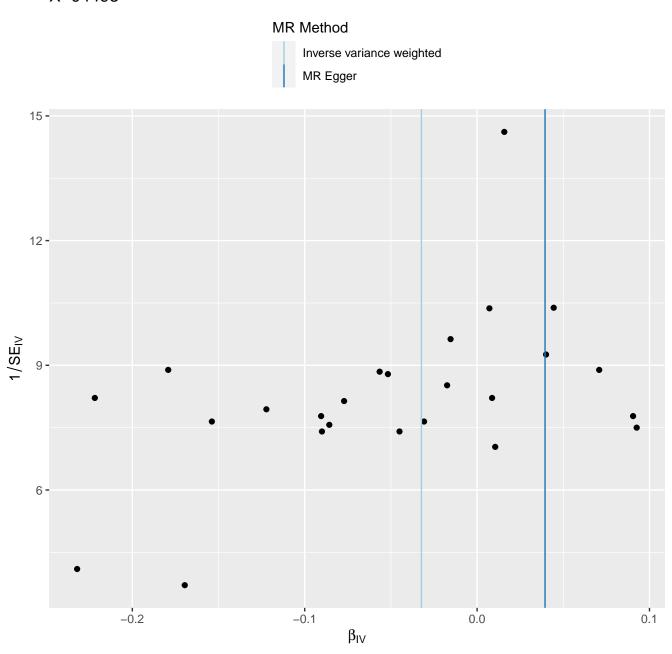




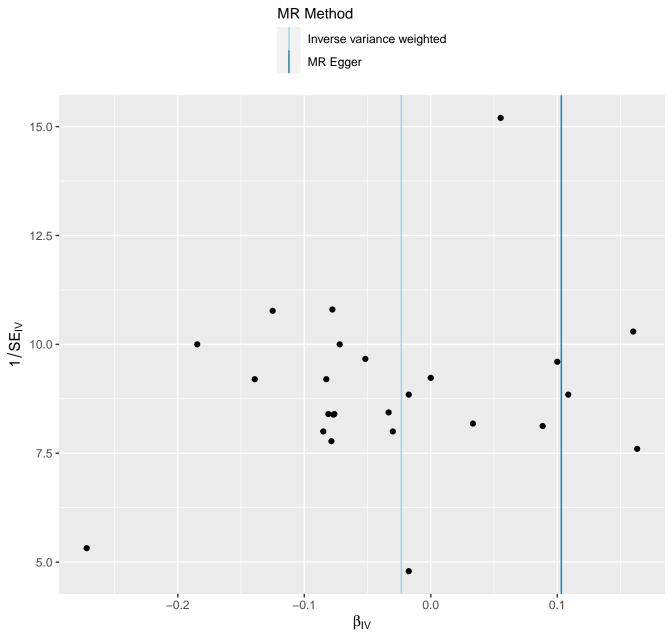


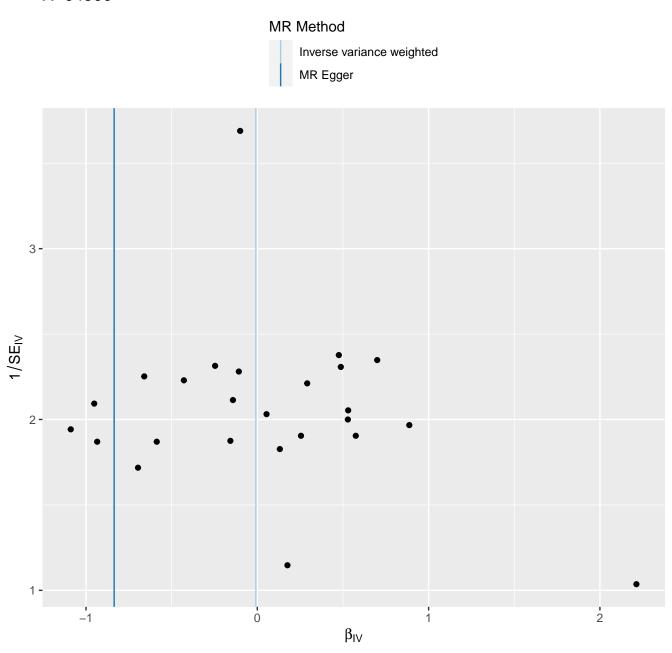


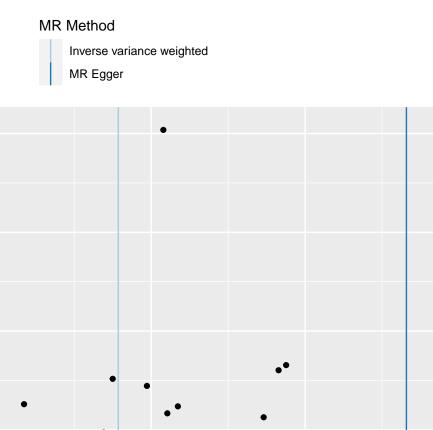


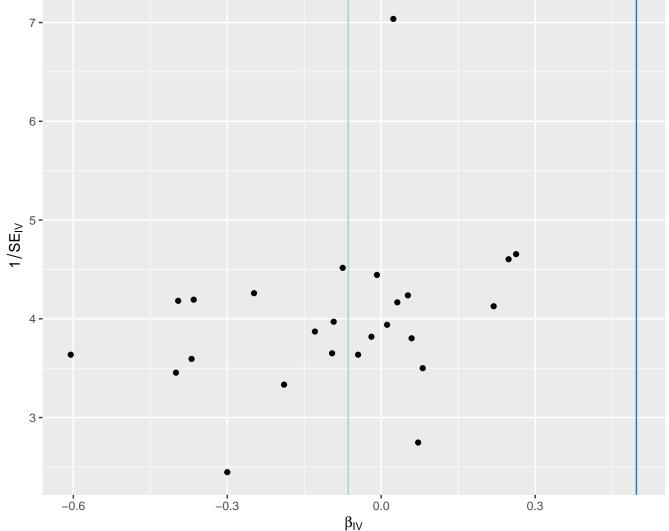


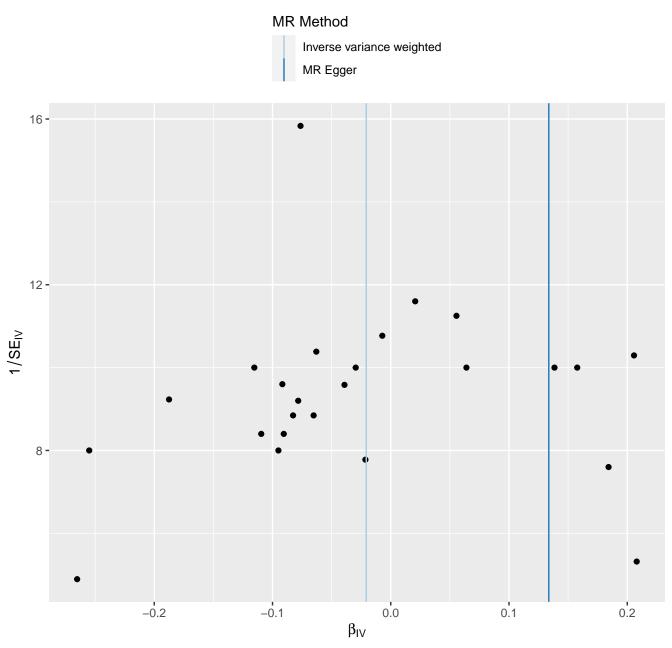
X-04499--3, 4-dihydroxy butyrate











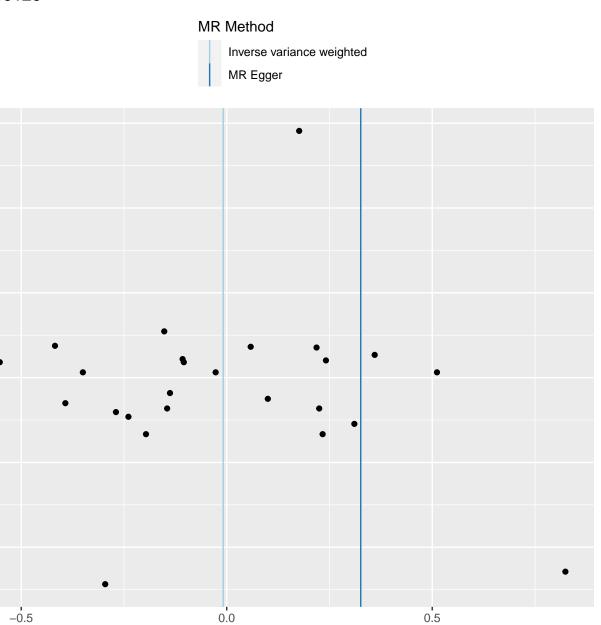
6 -

5 -

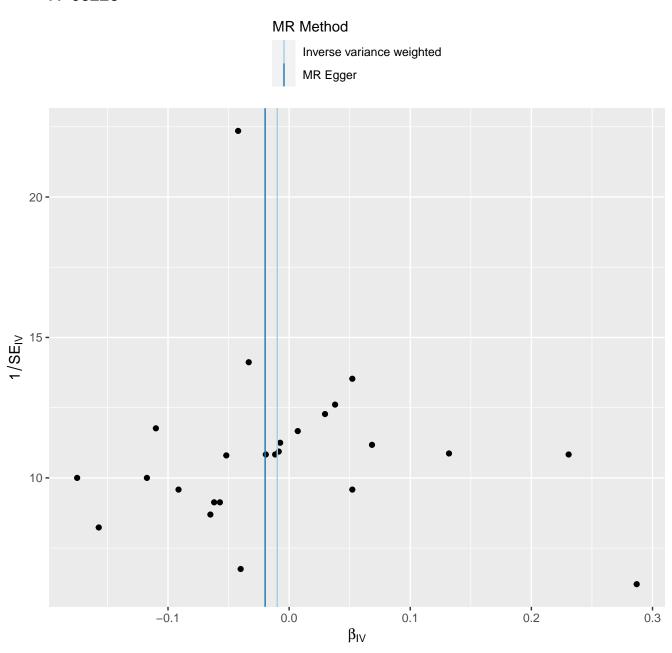
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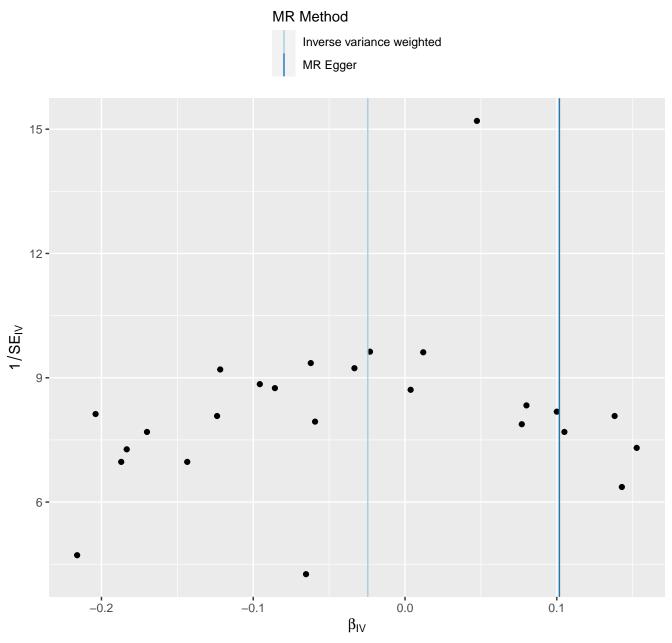
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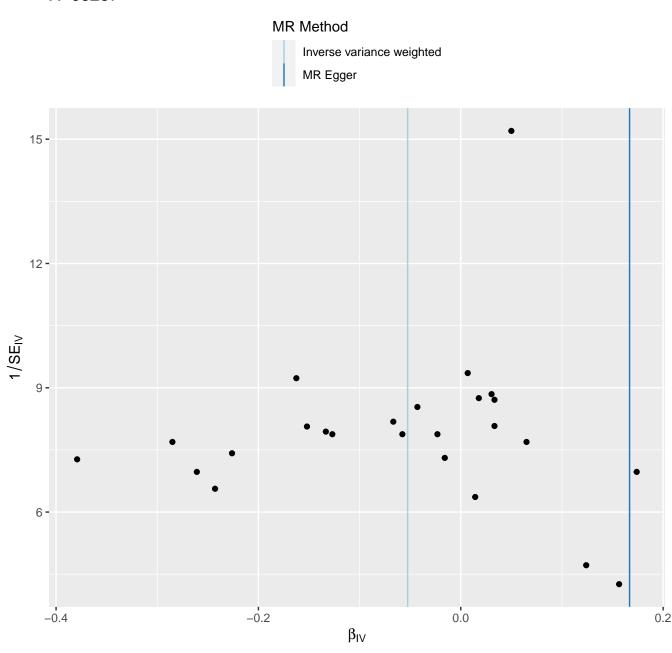
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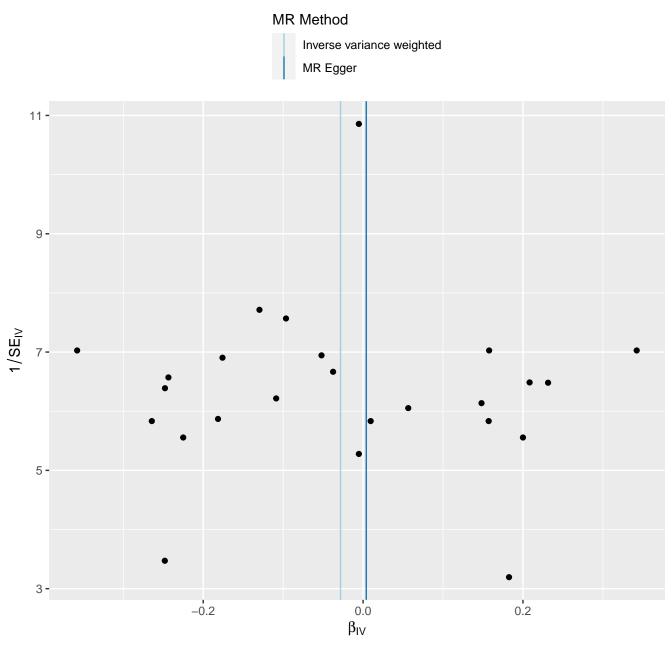


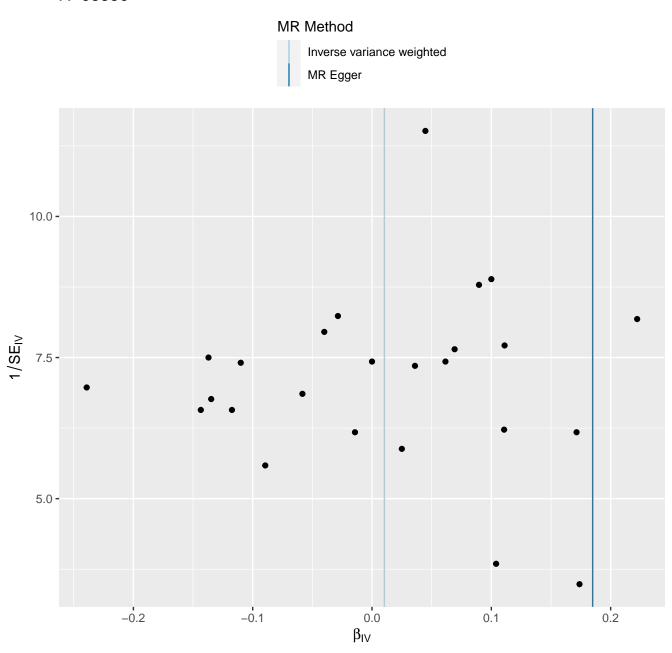
 β_{IV}

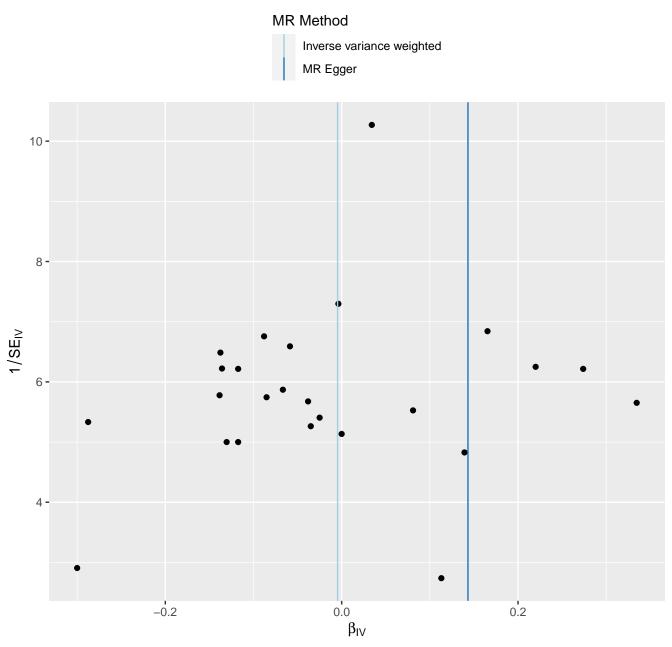


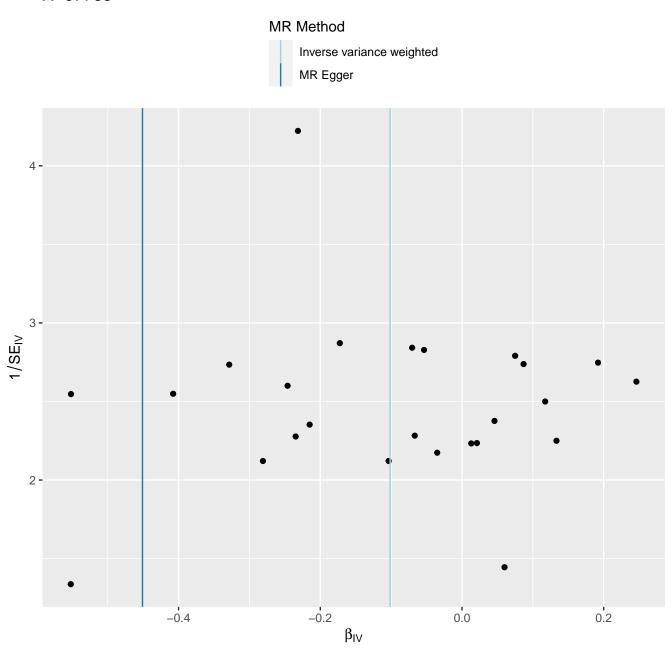


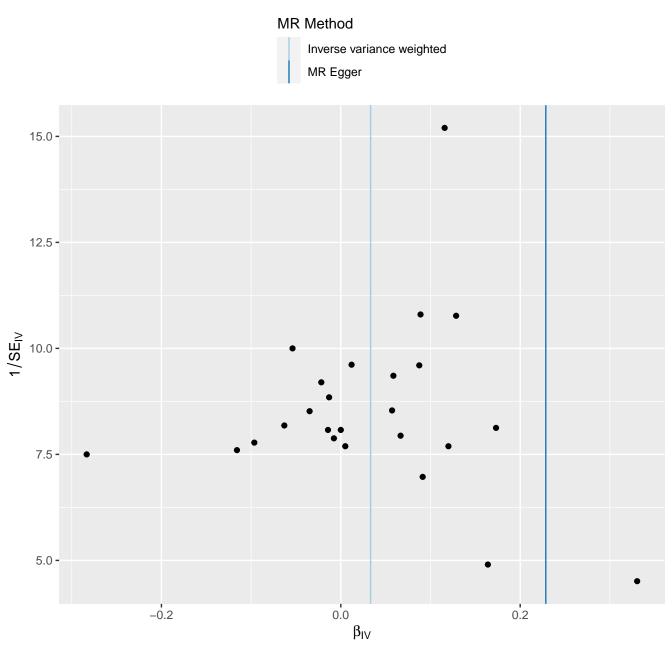


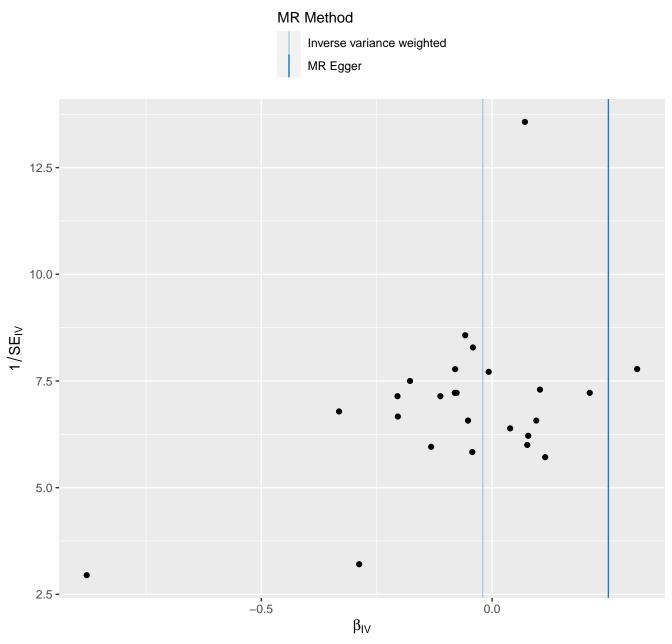


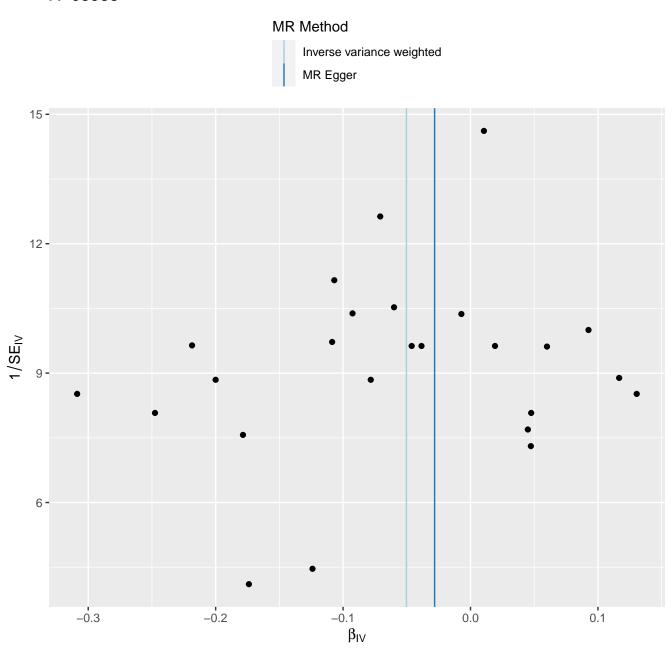


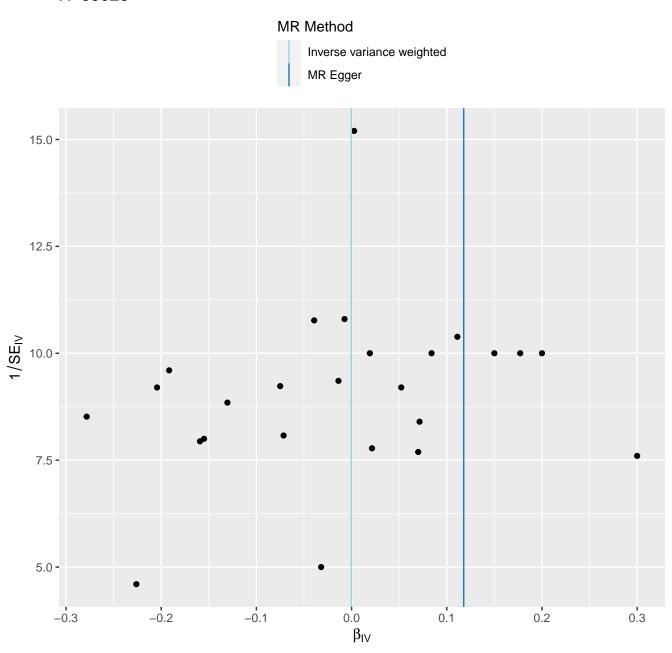


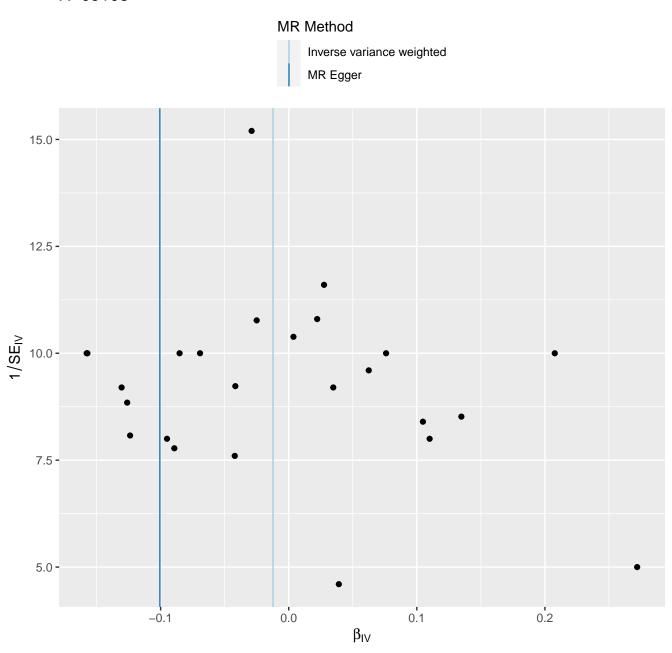


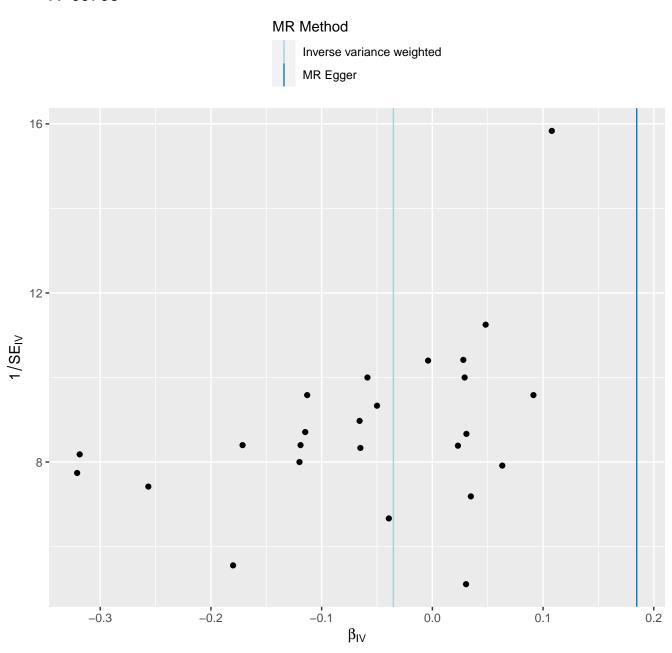


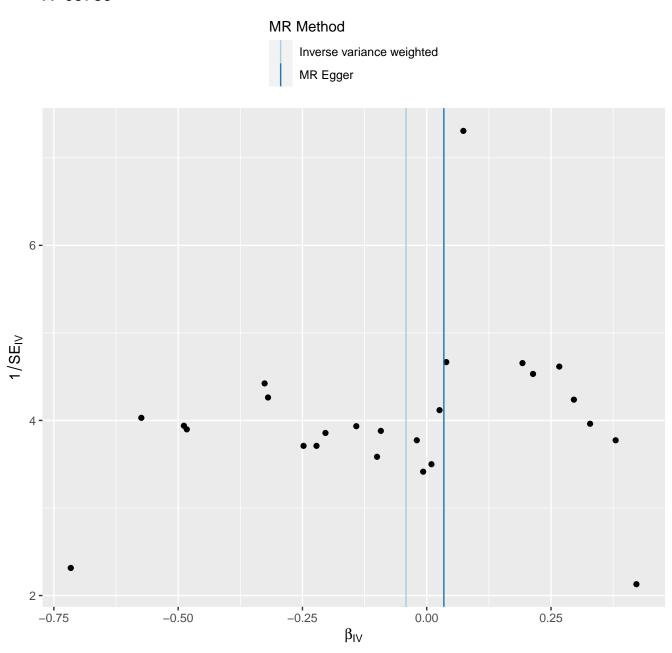


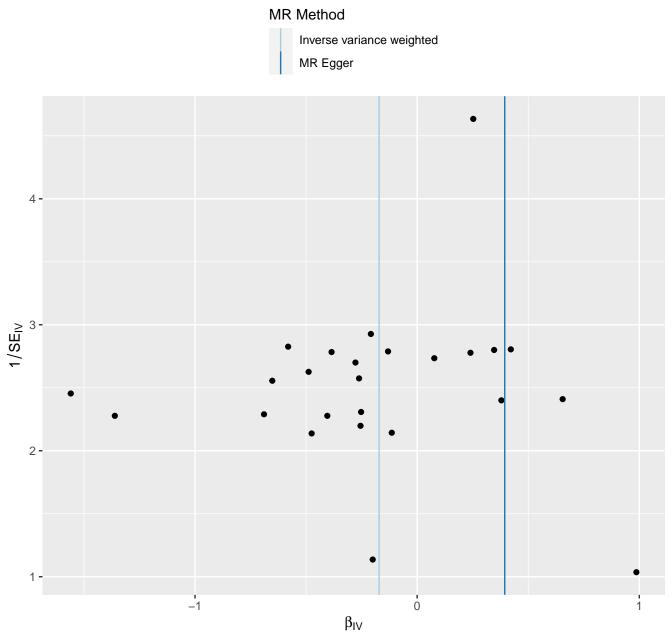


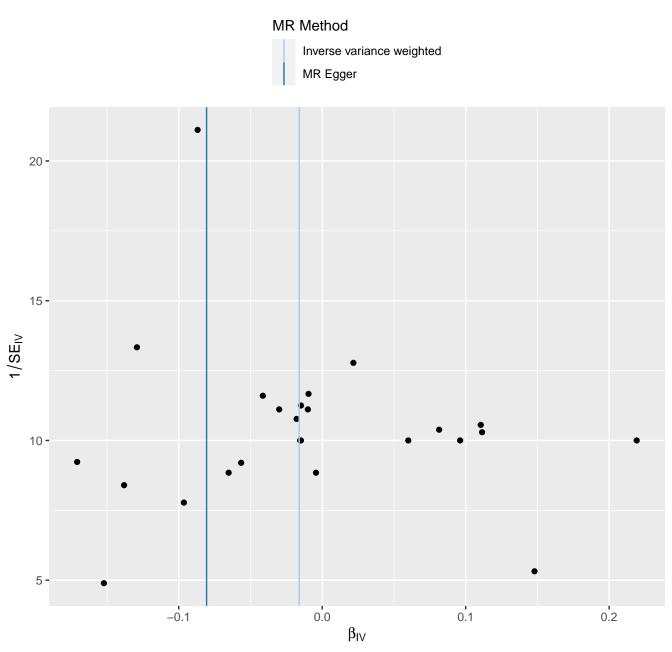


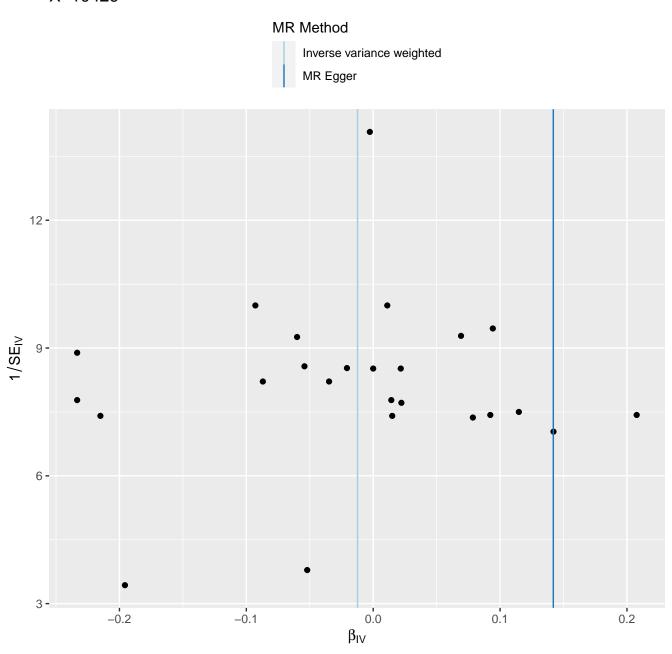


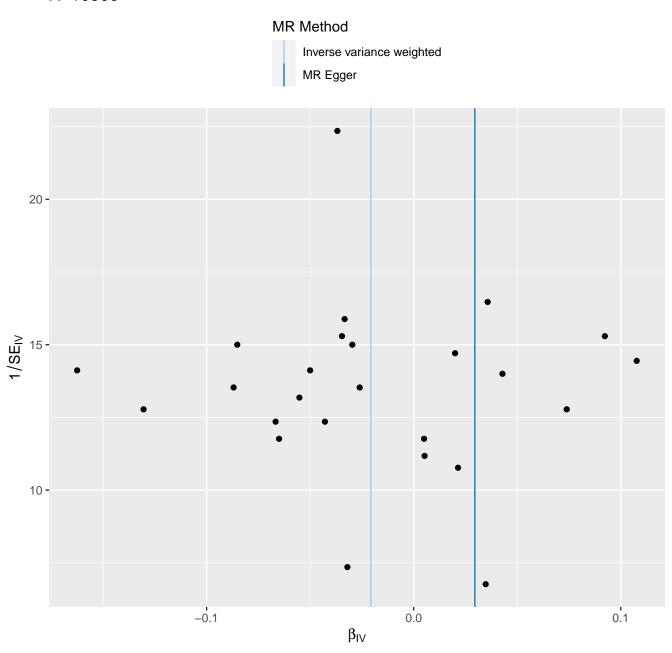


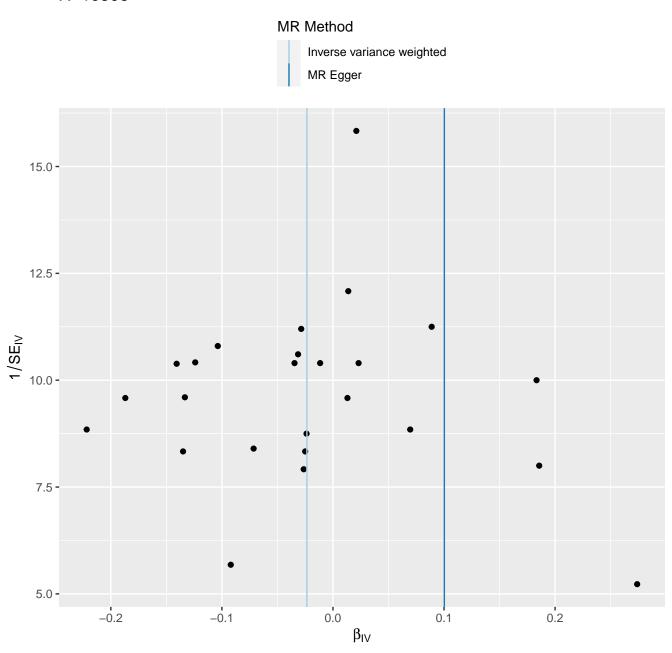


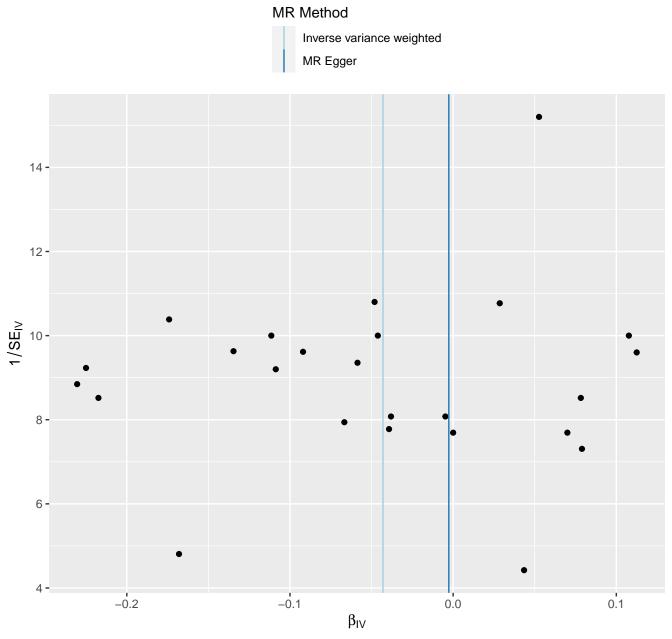


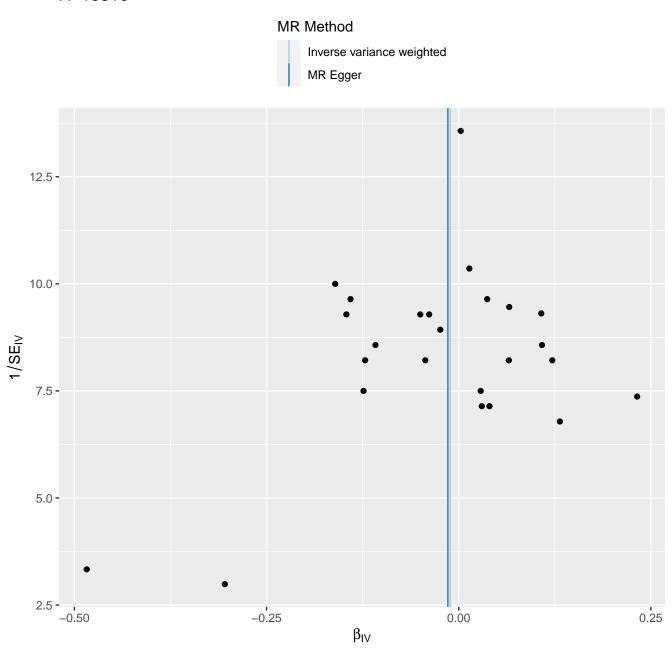


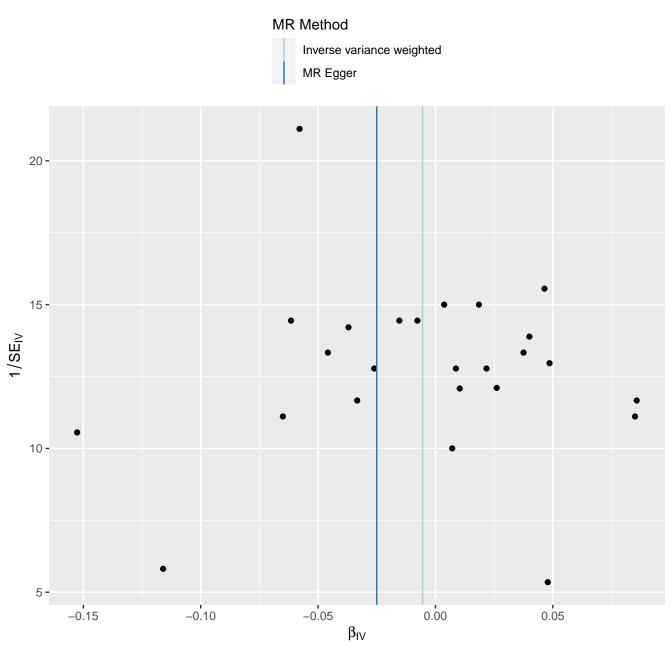


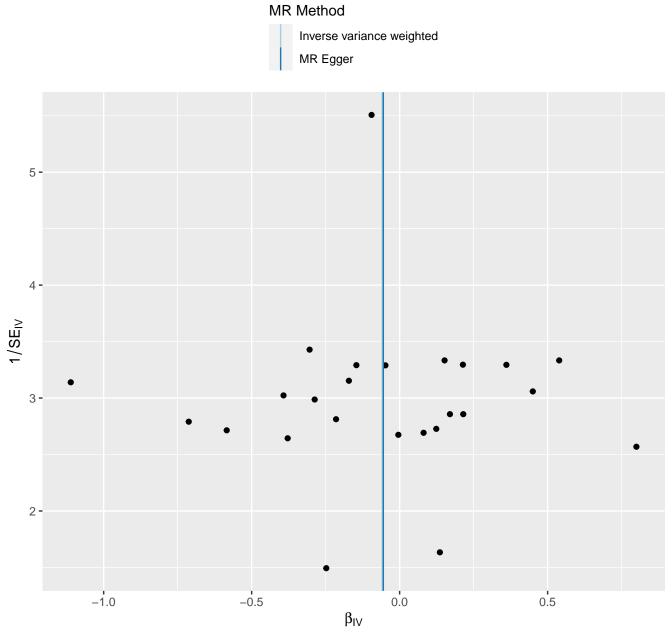


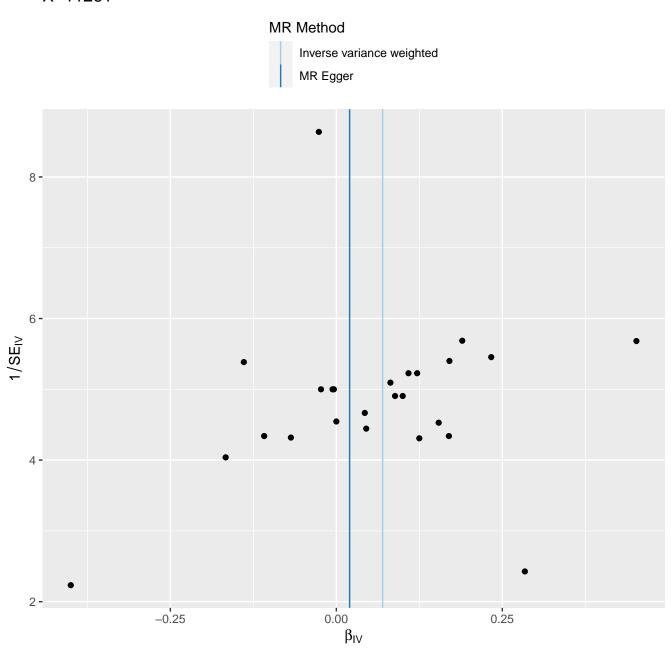


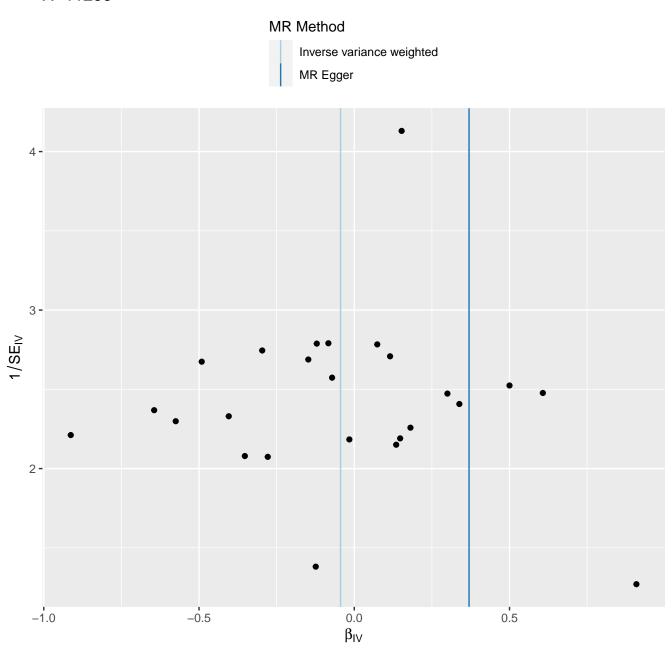


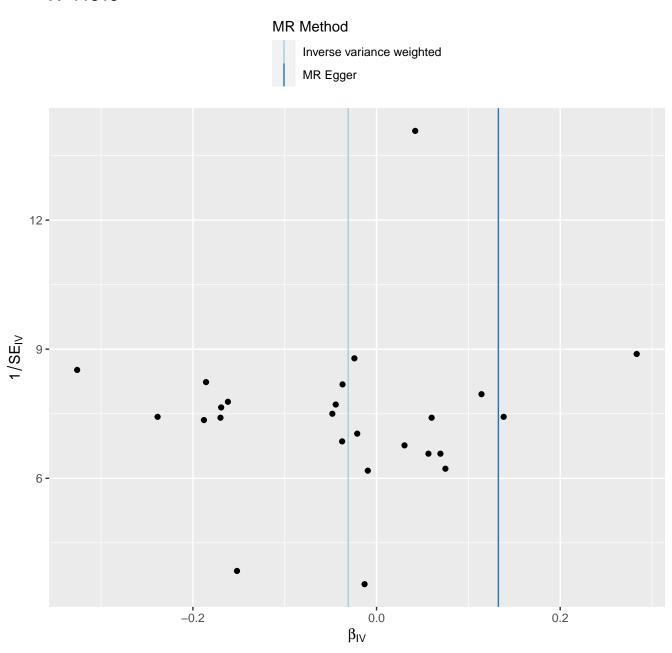


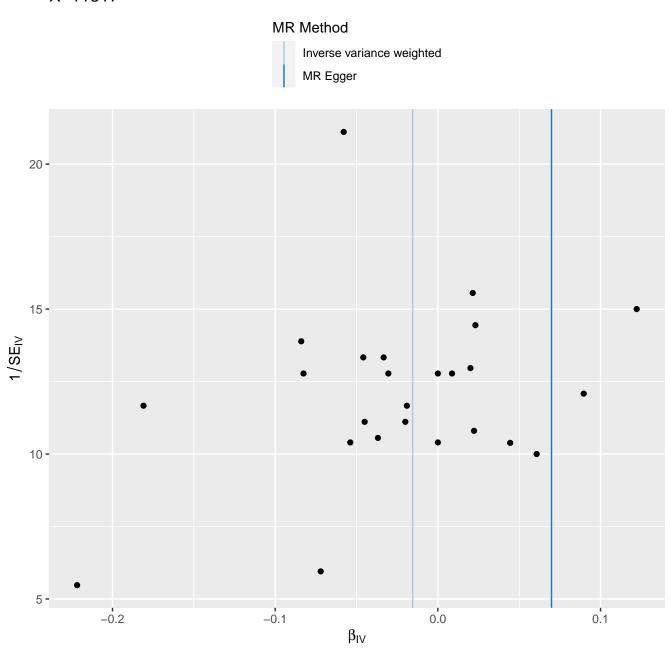


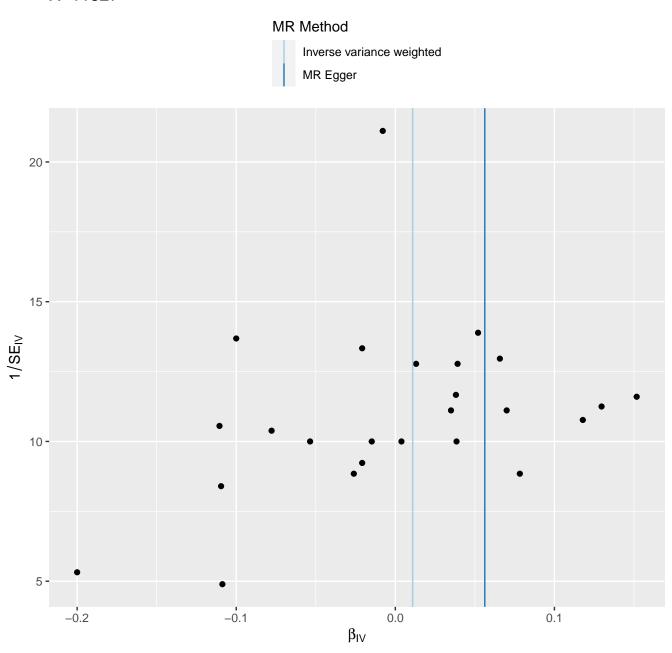


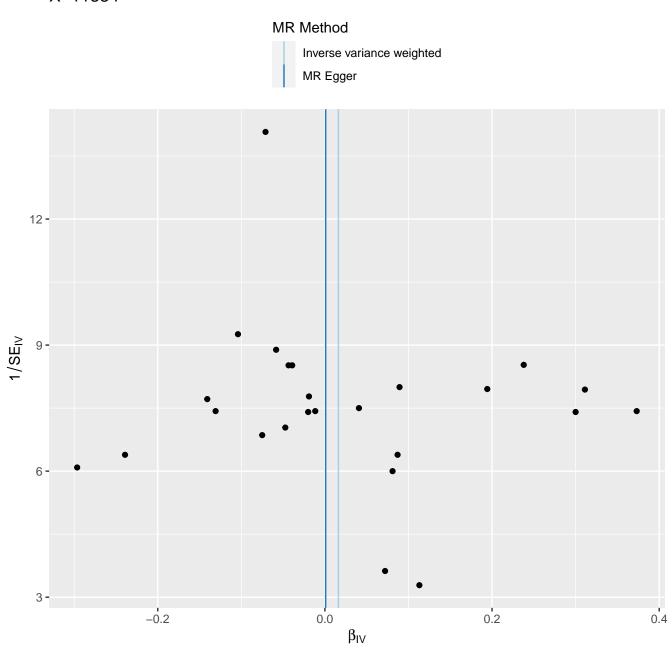


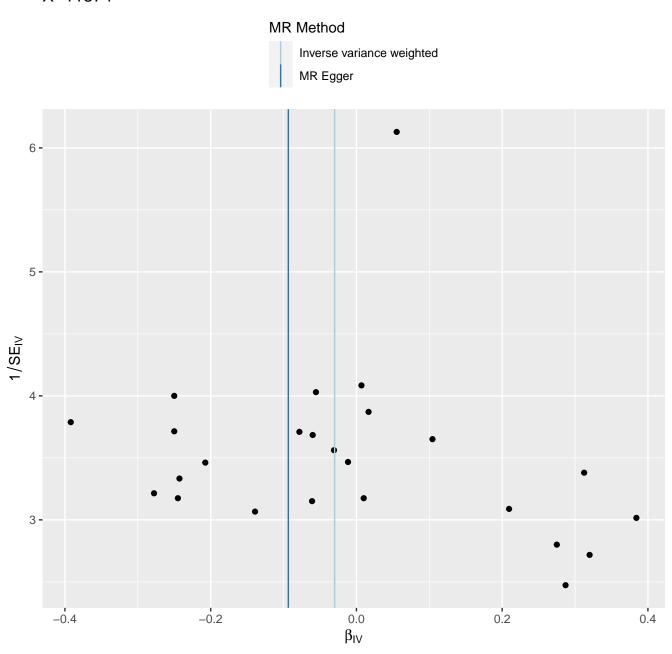


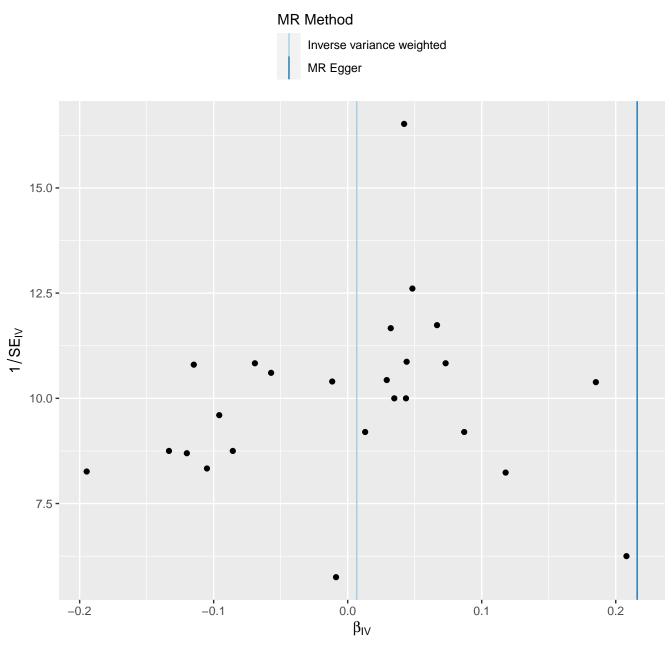


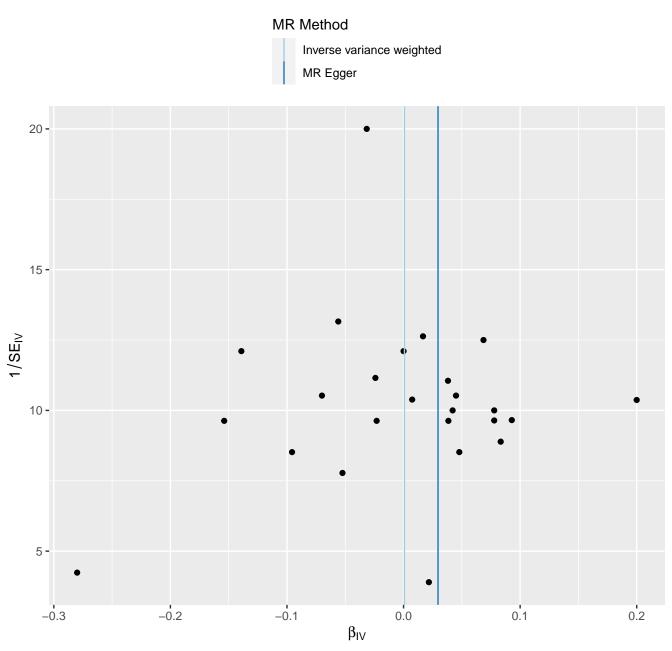




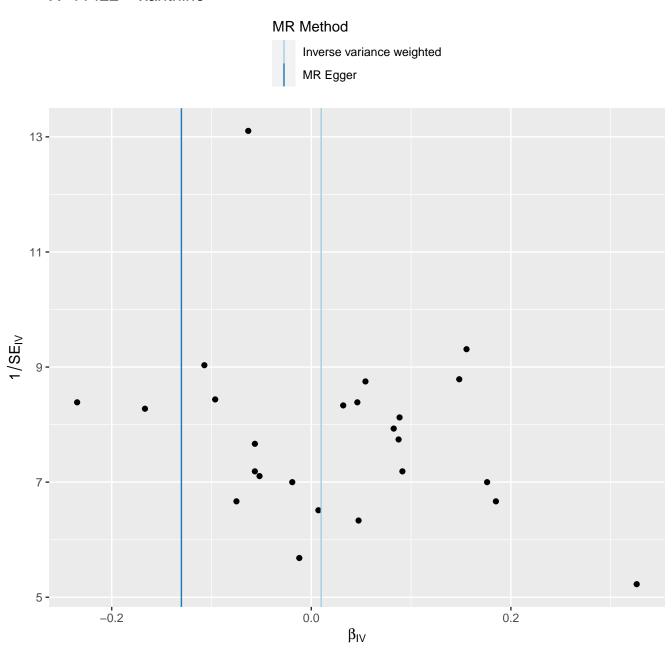




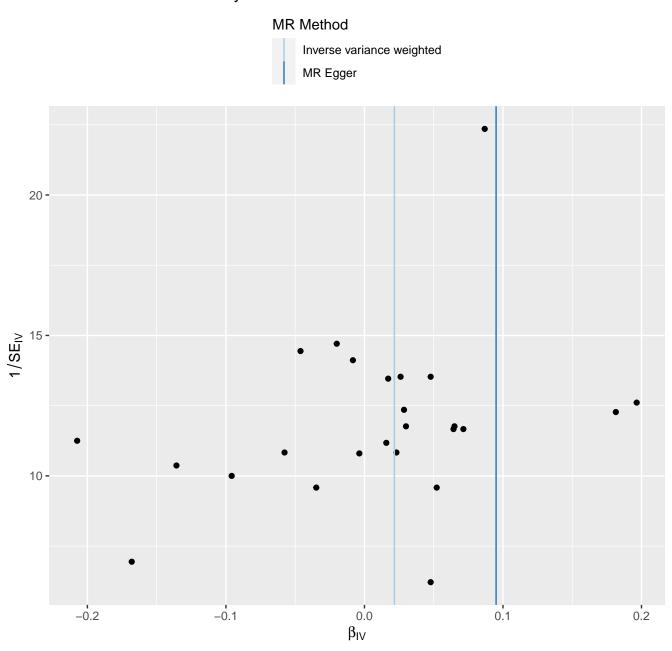


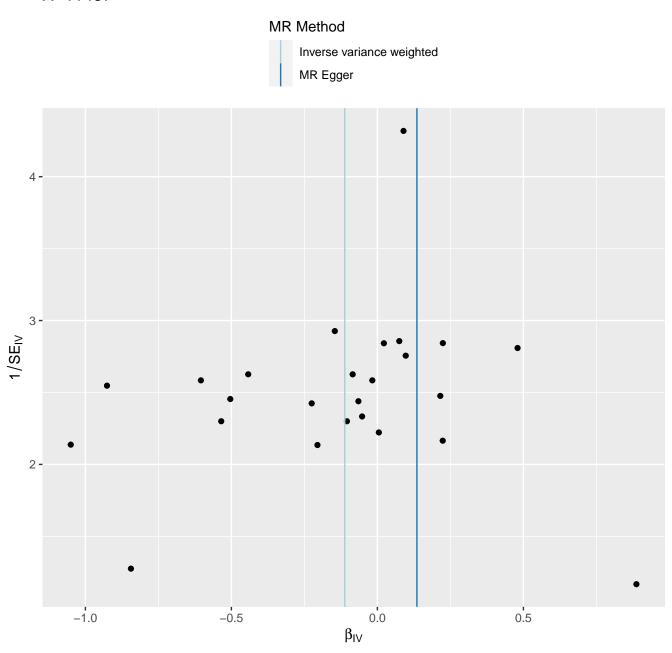


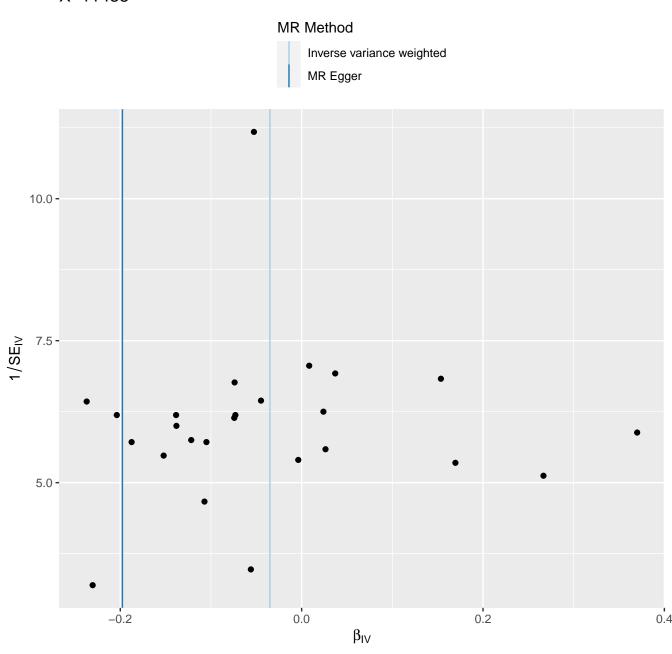
X-11422--xanthine

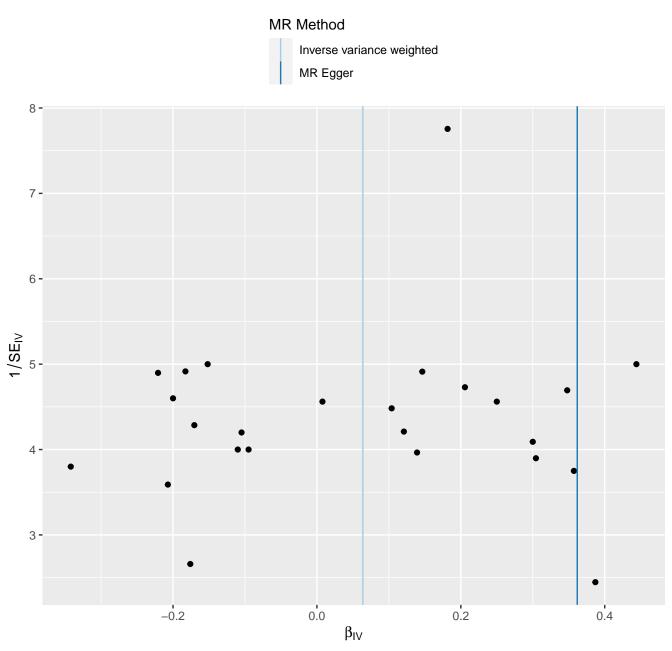


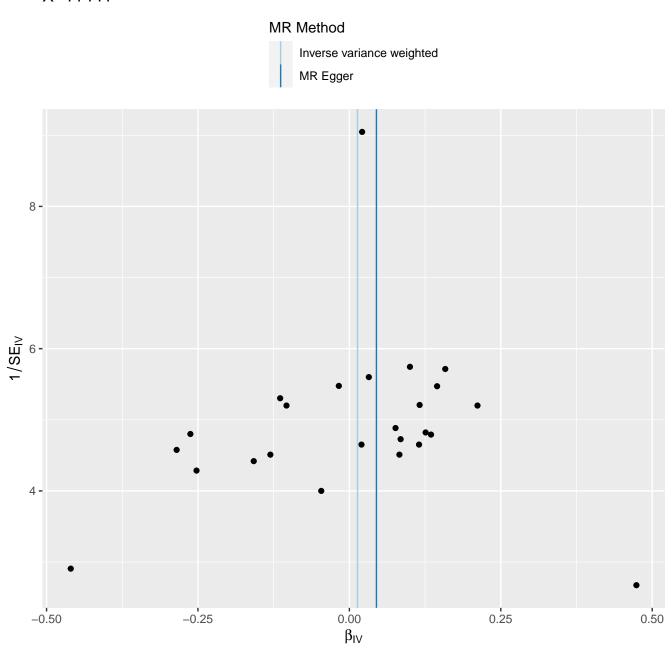
X-11423--O-sulfo-L-tyrosine

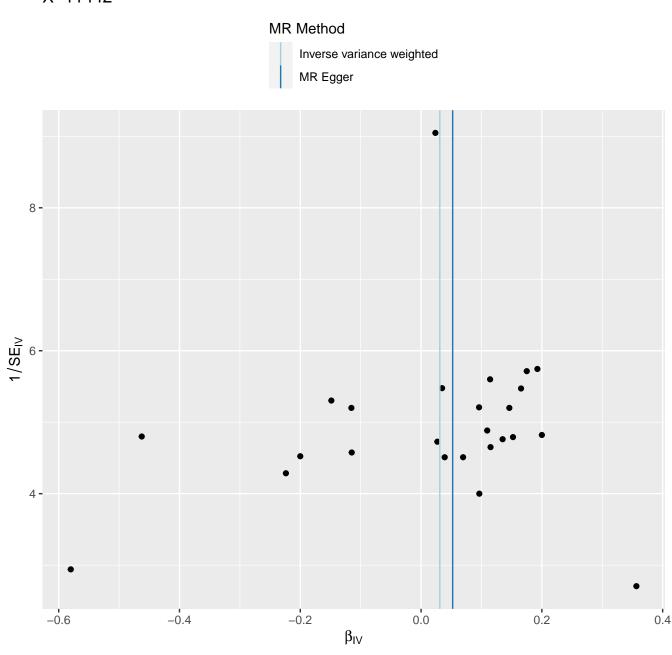


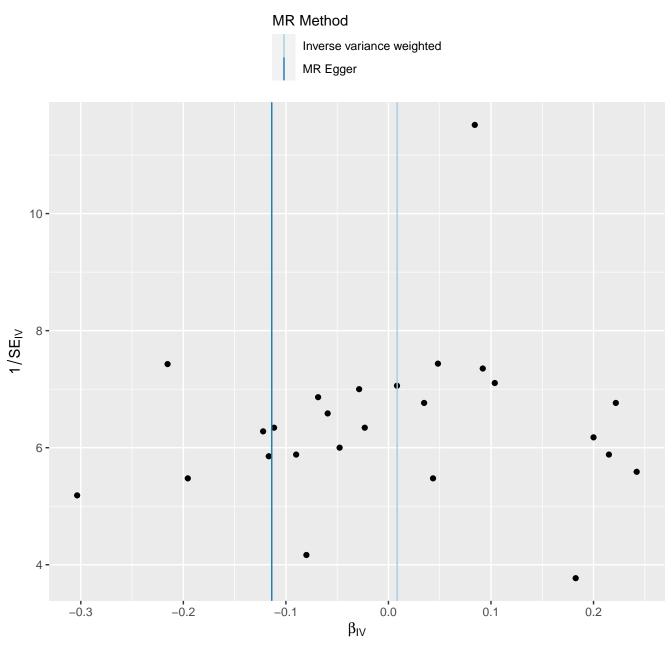




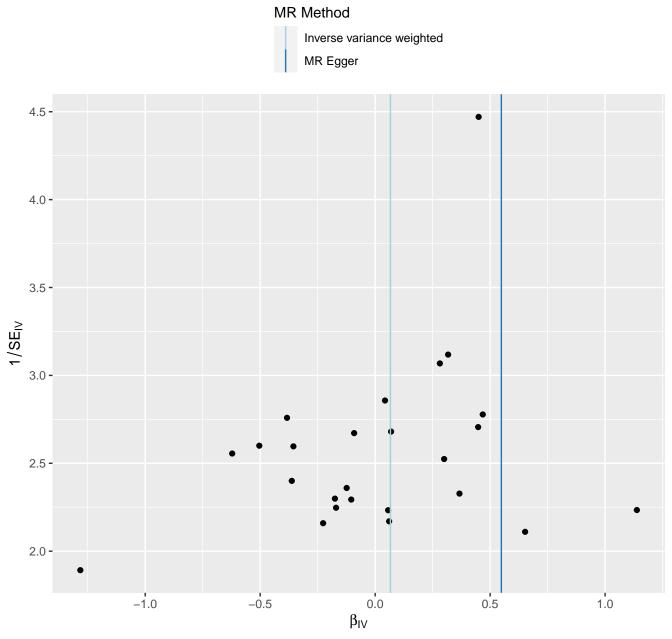


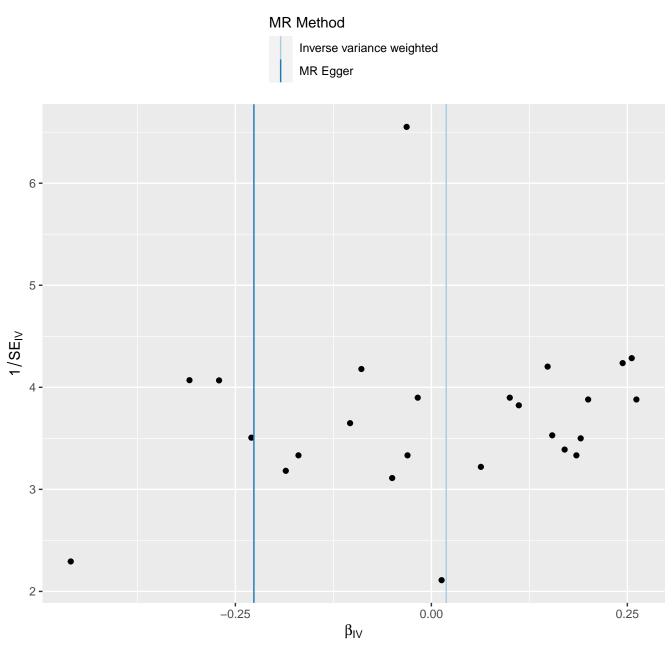


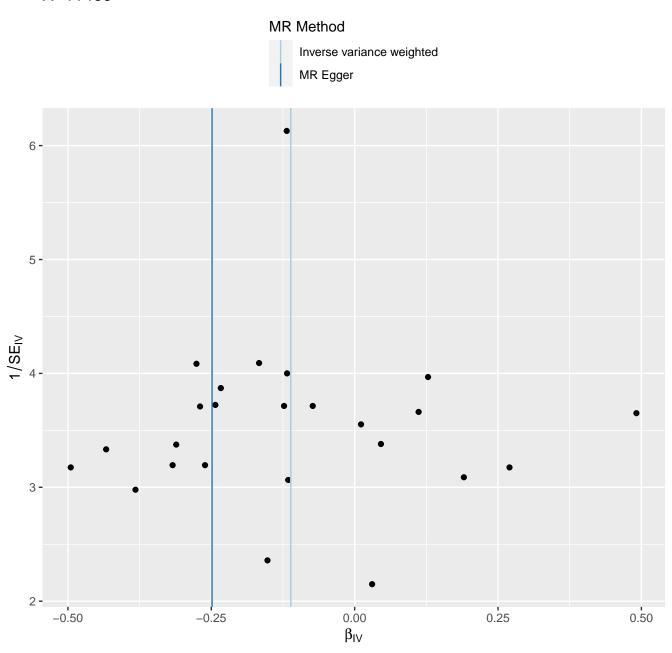


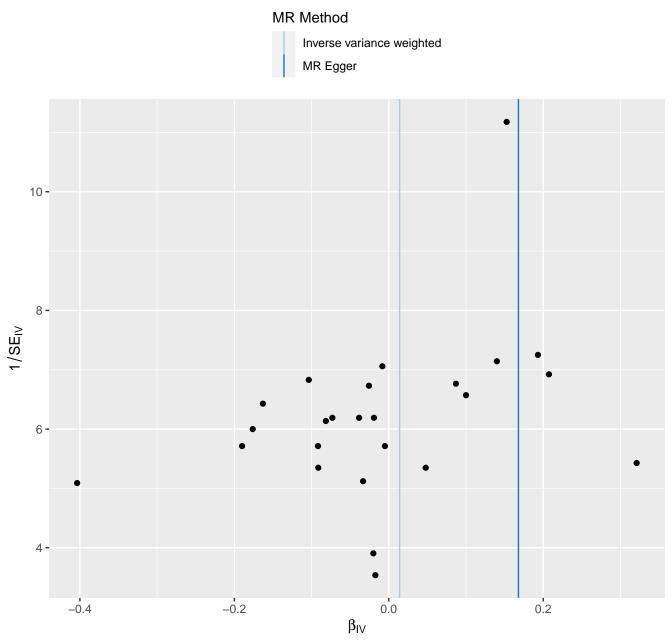


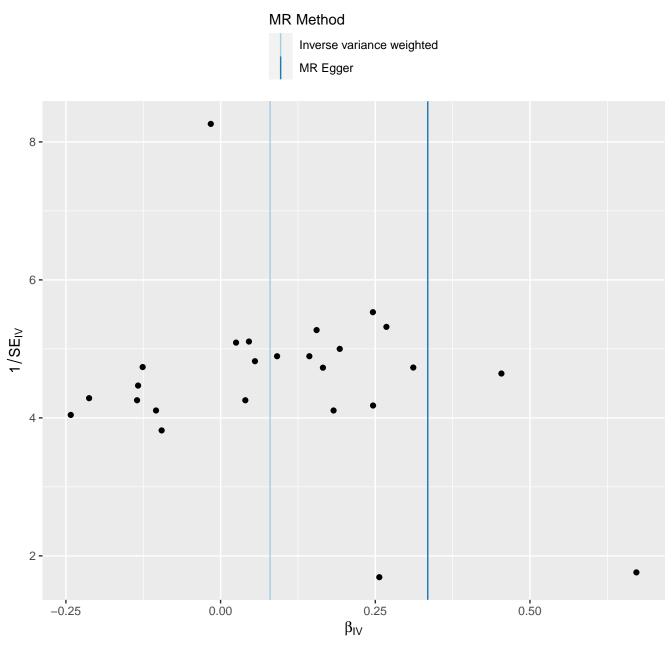
X-11445--5-alpha-pregnan-3beta,20alpha-disulfate

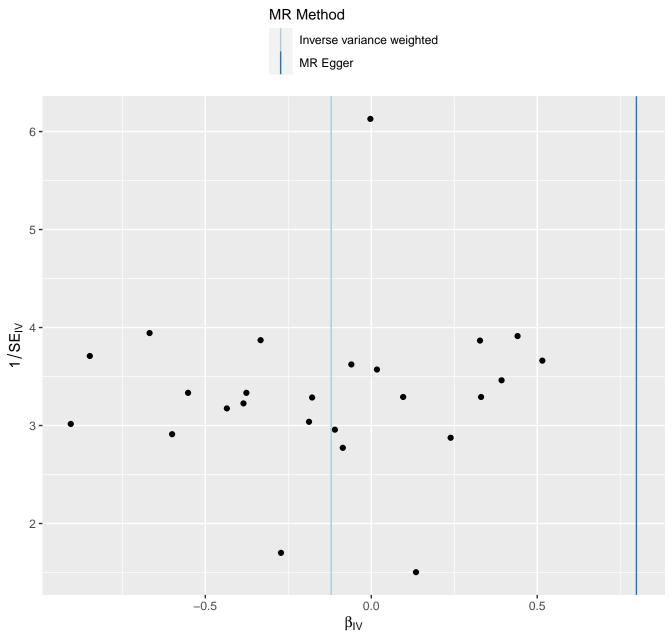


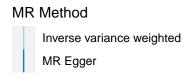


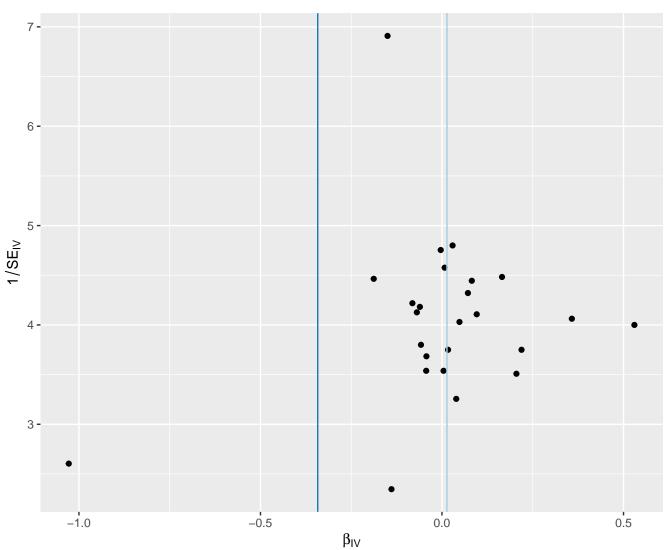


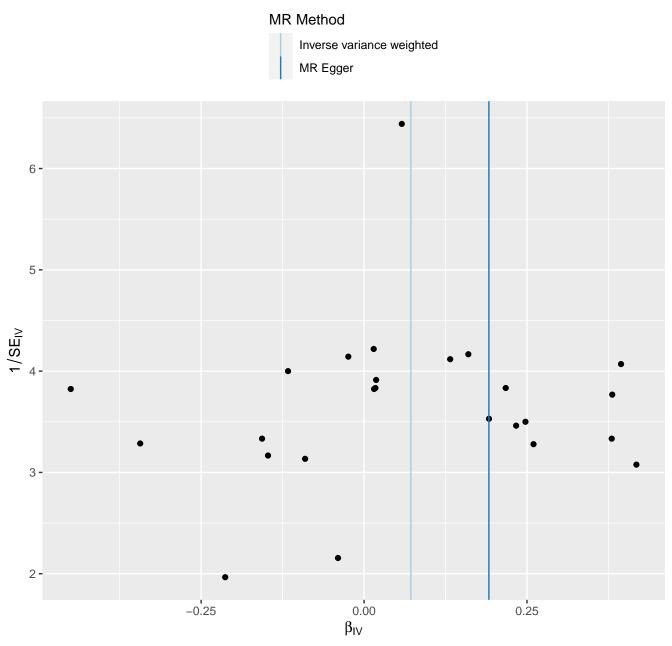


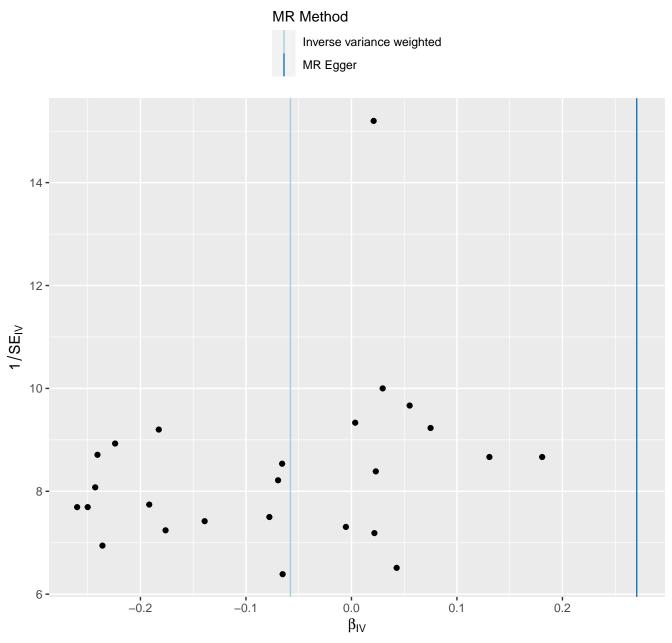


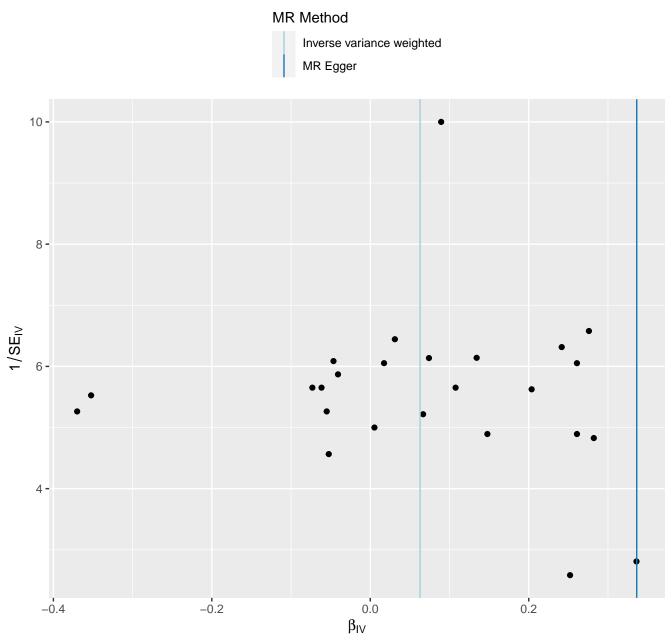


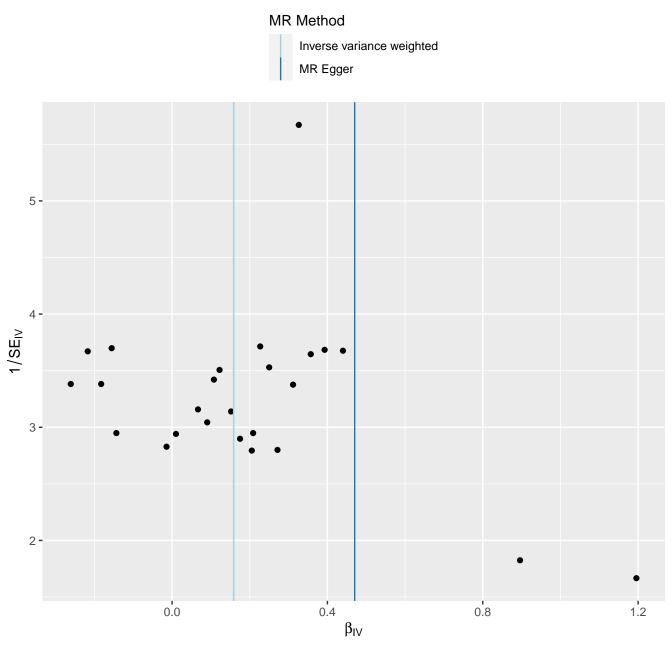


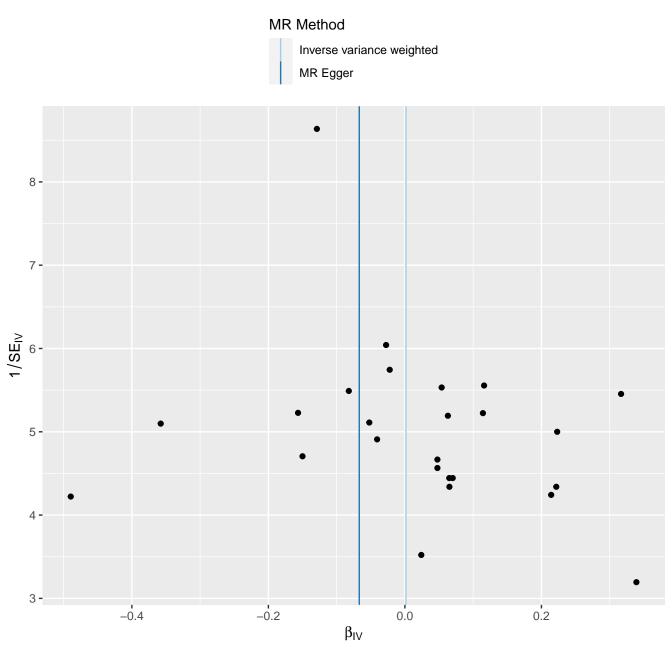


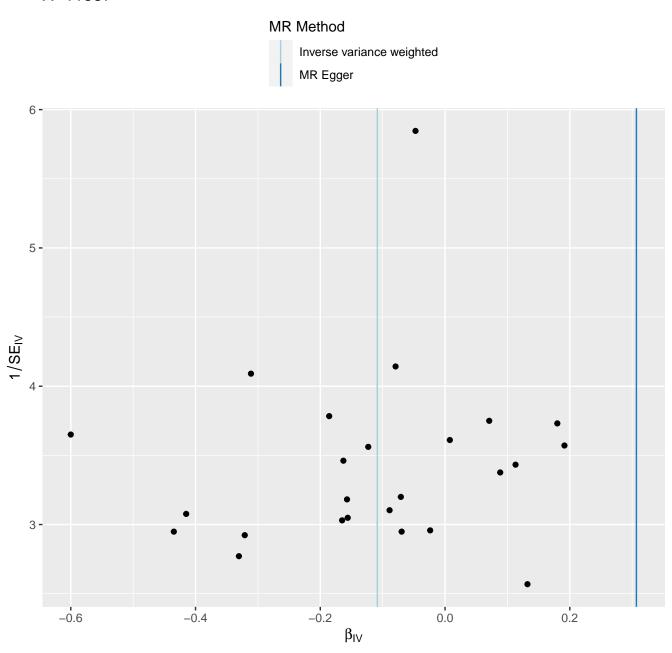


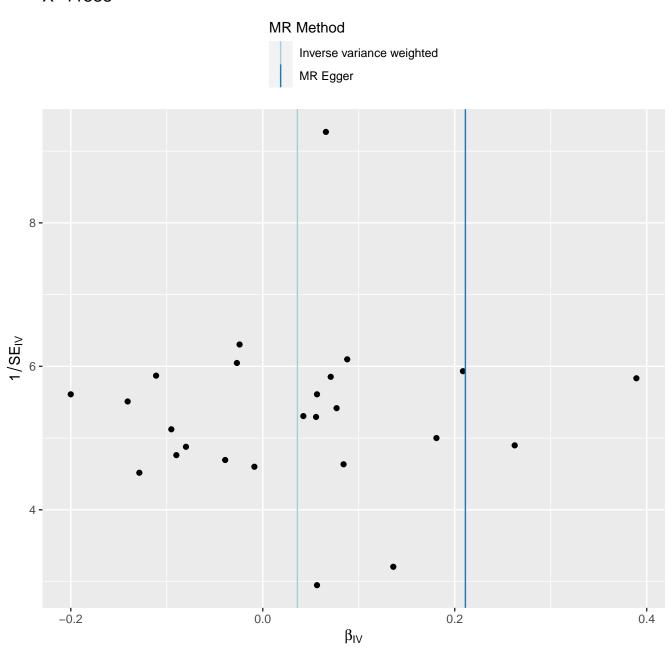


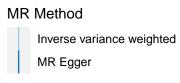


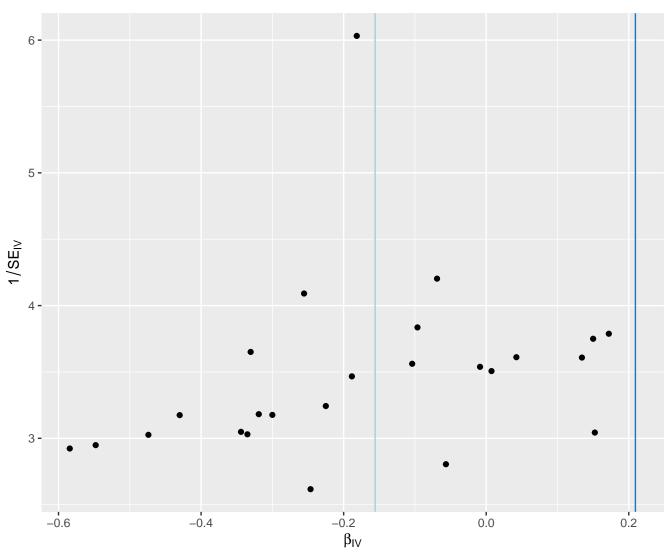


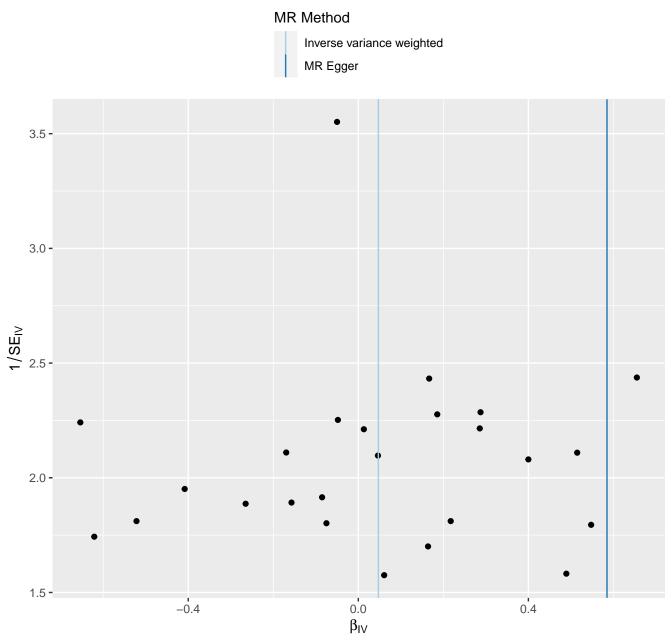


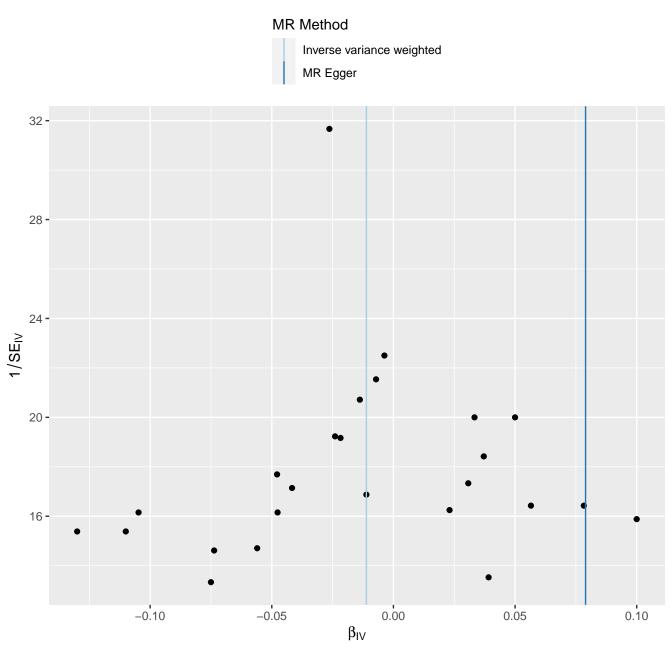


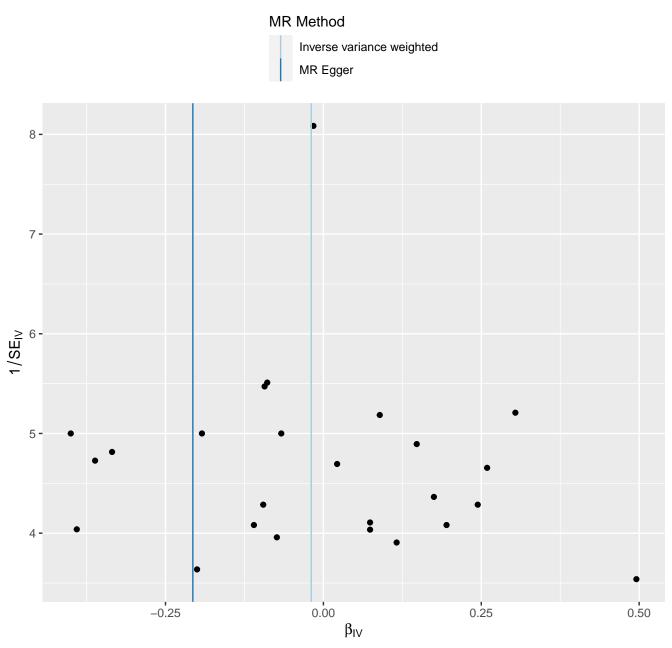




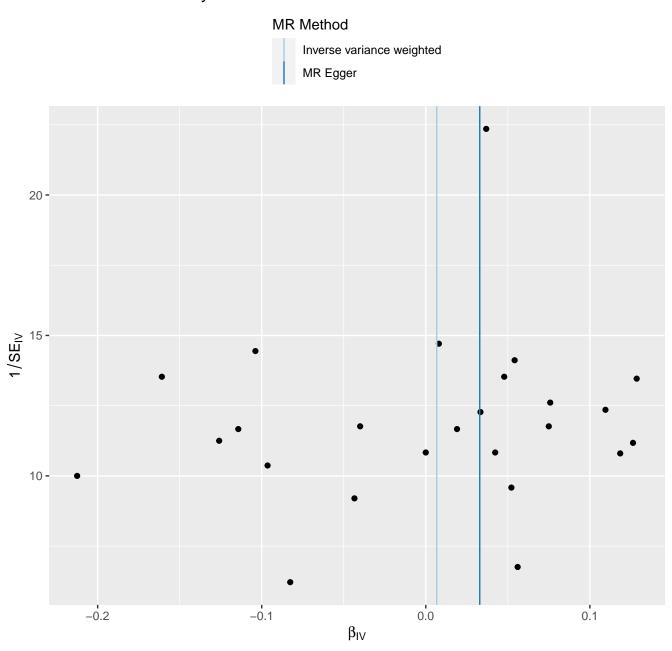




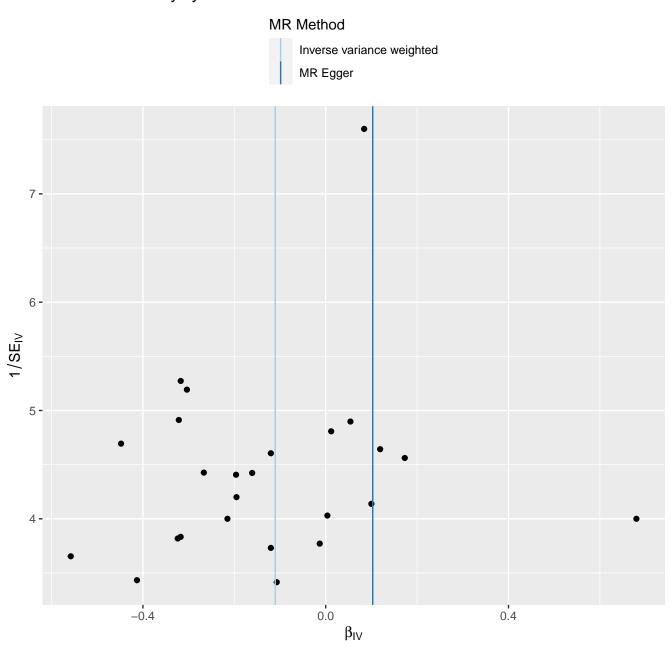


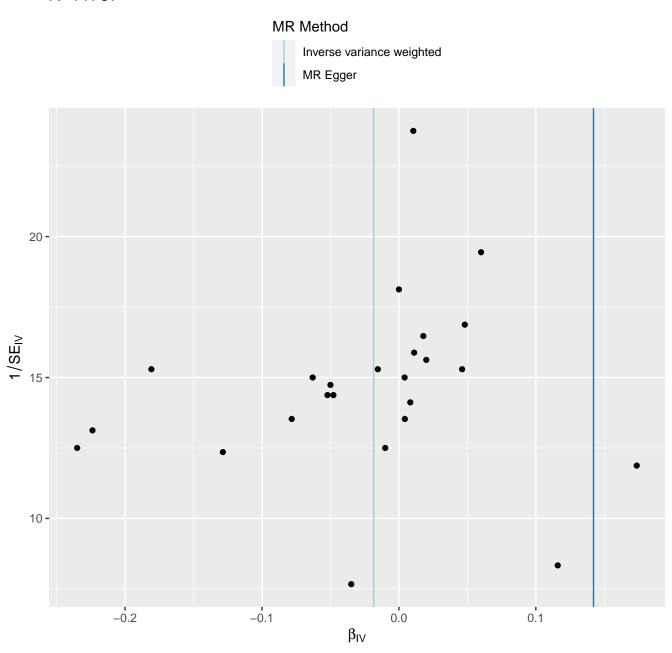


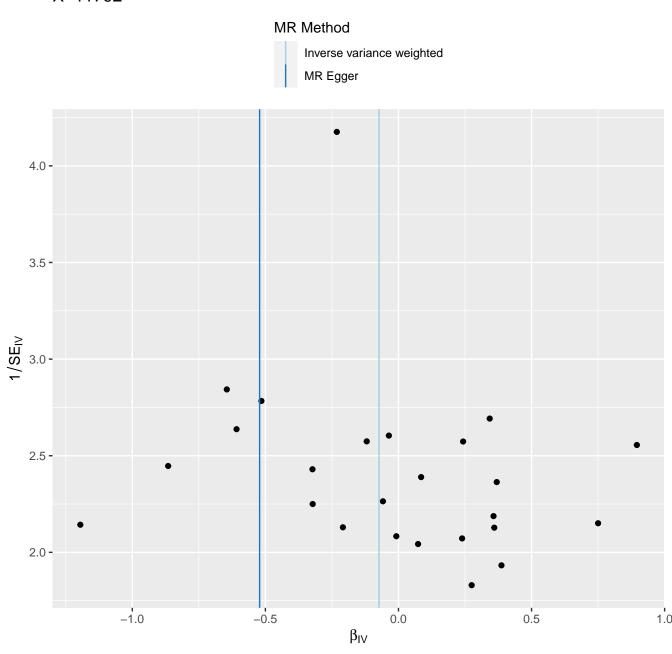
X-11593--O-methylascorbate*



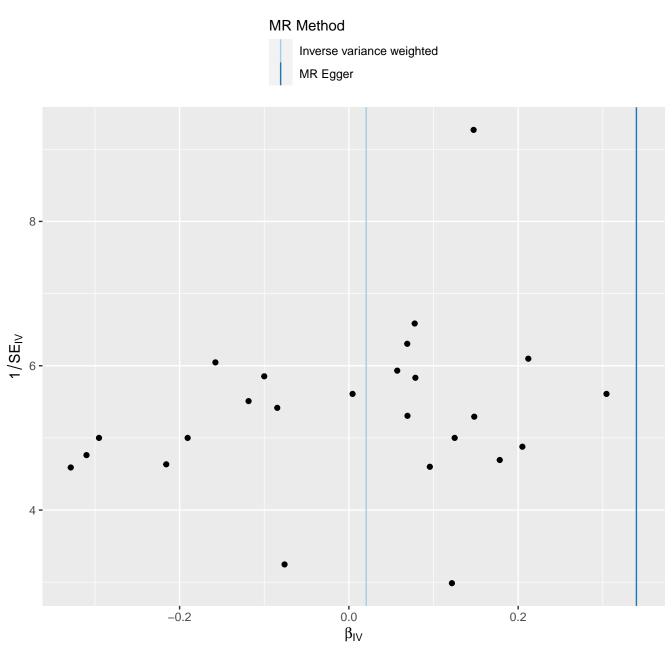
X-11786--methylcysteine

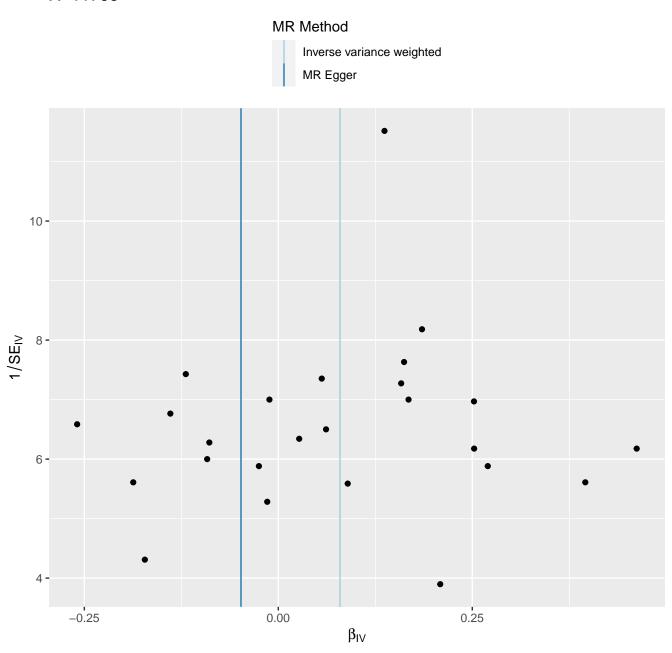


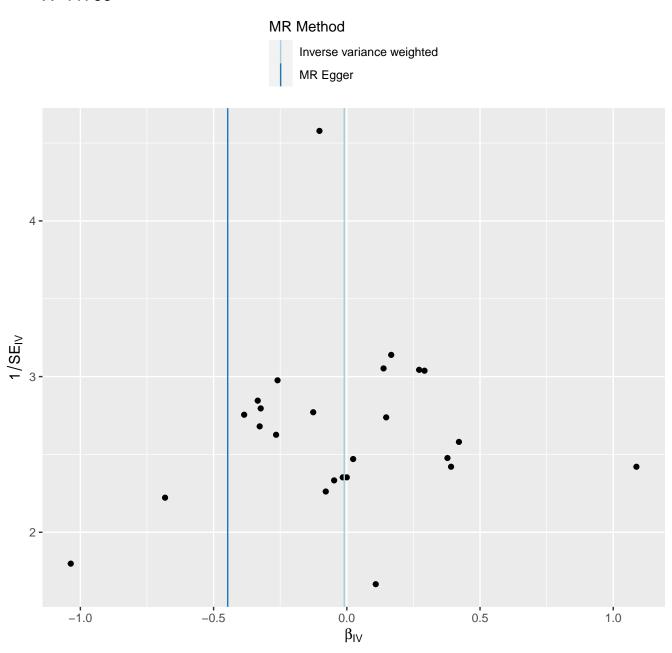


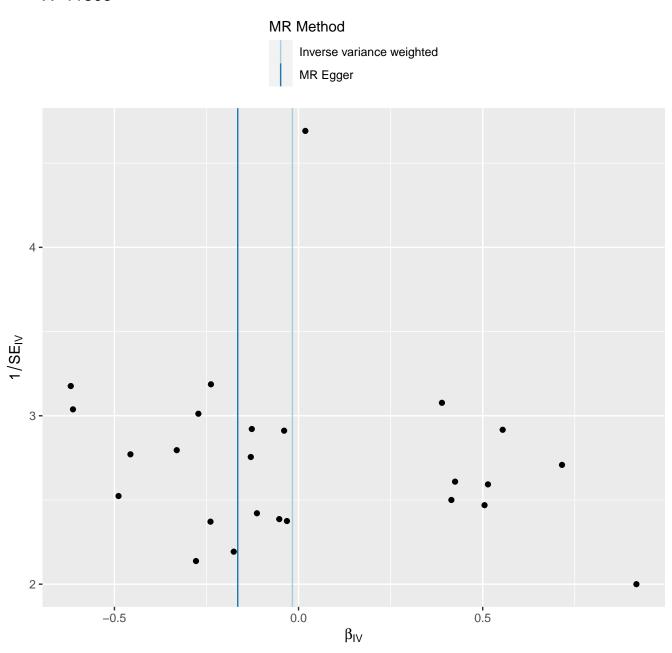


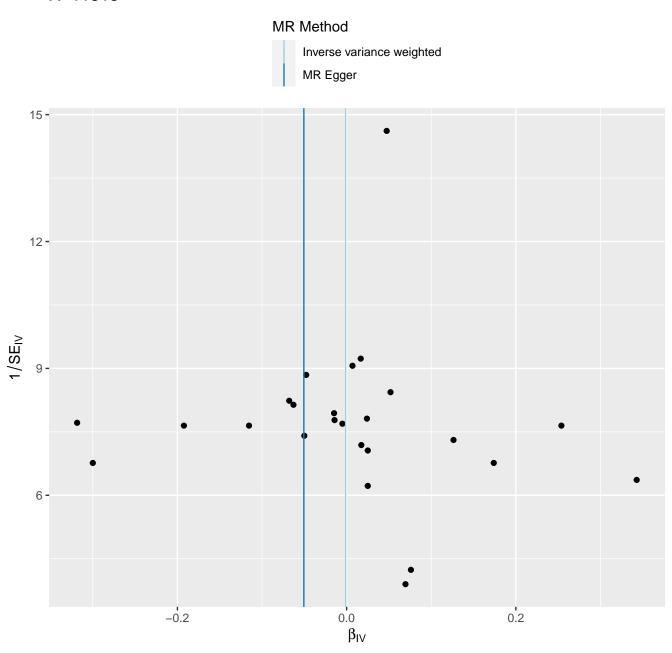
X-11793--oxidized bilirubin*

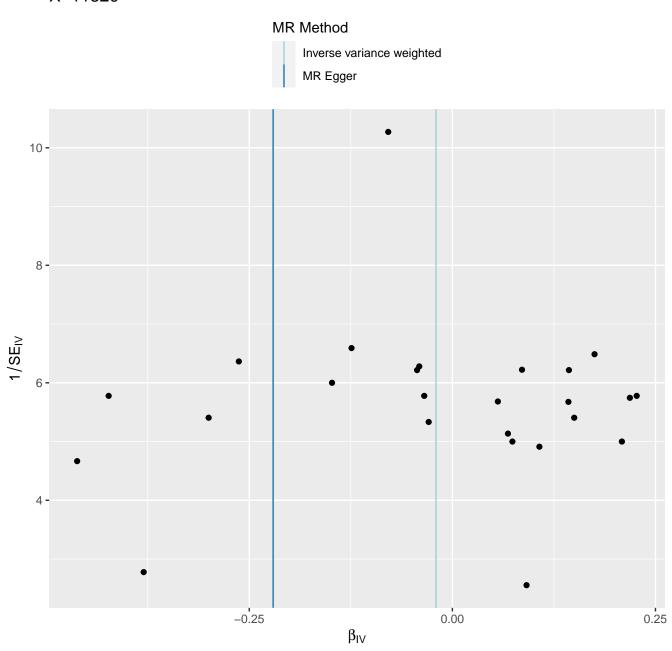


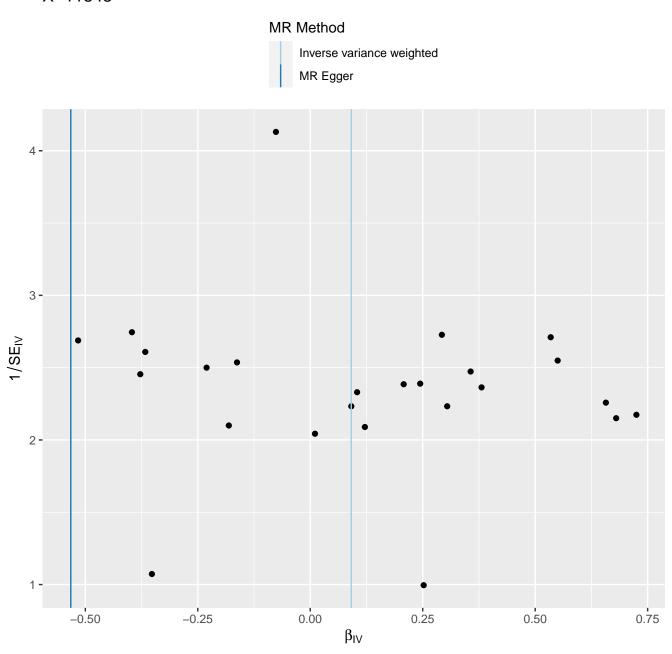


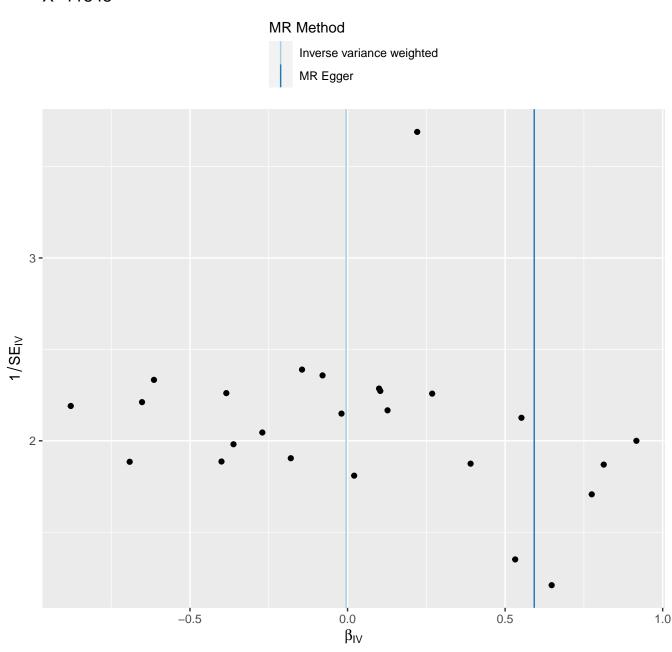


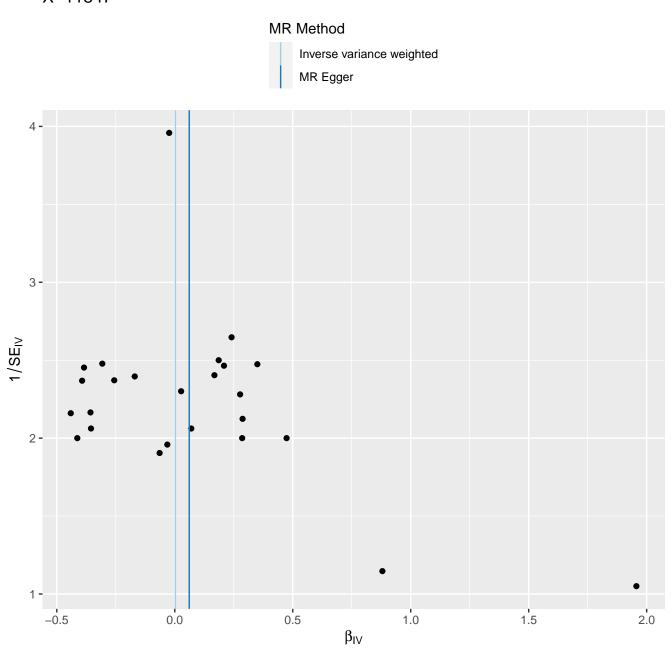


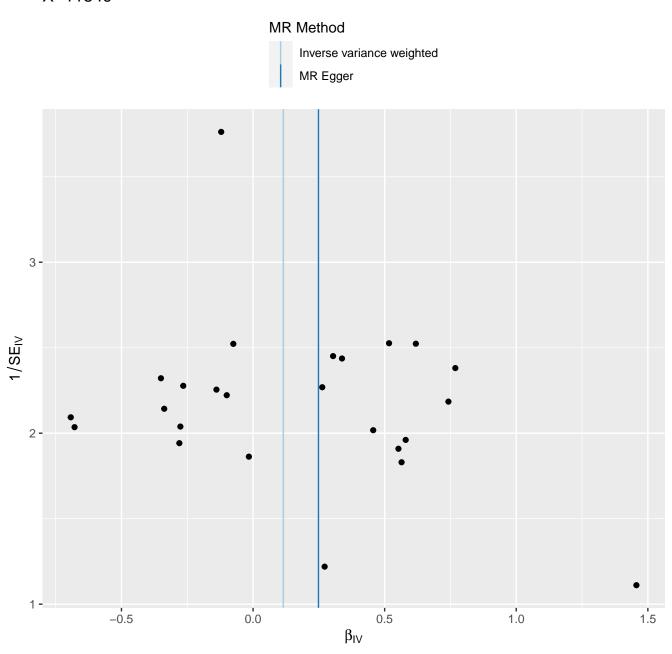


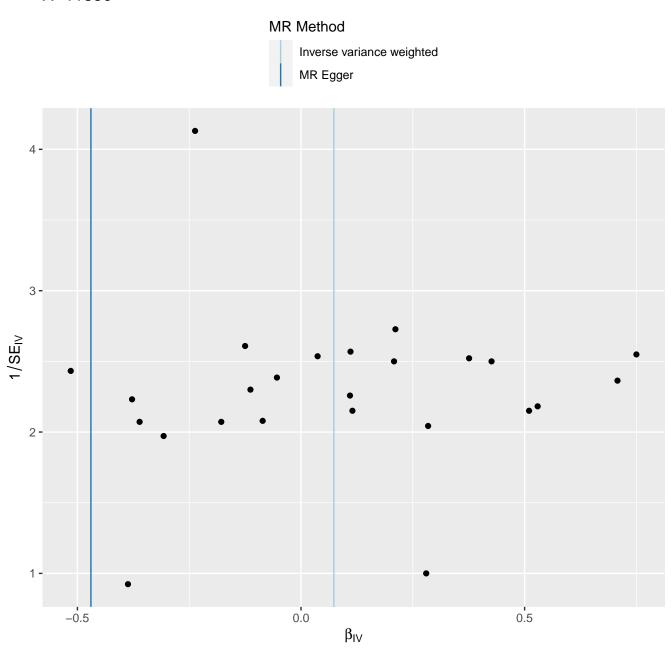


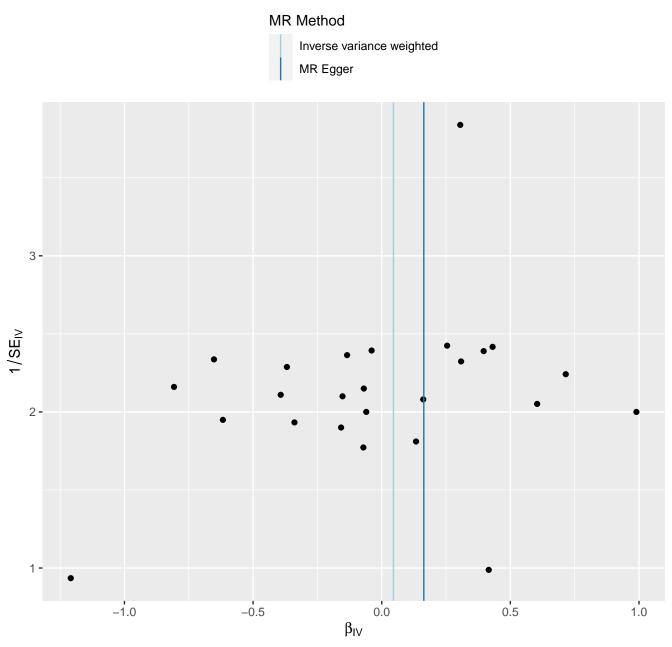


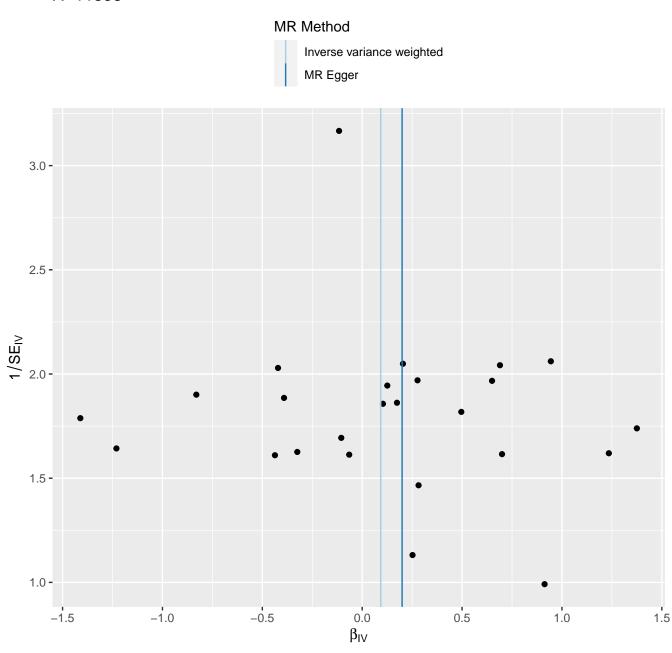


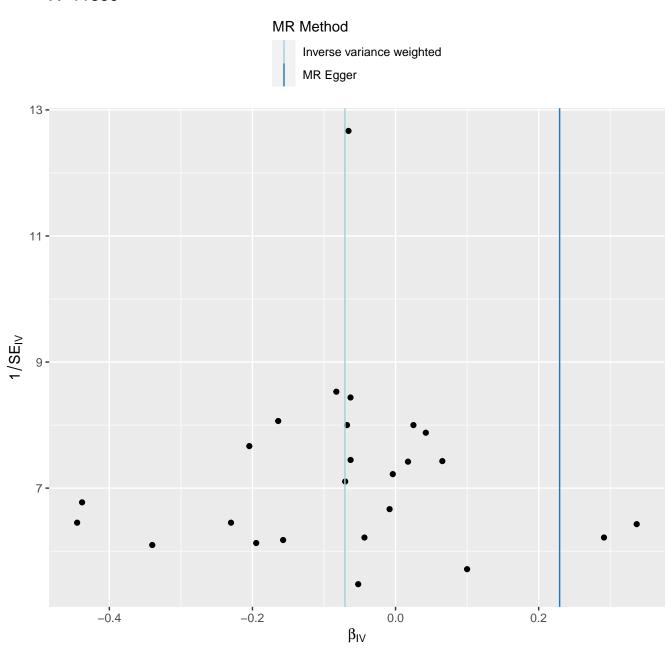


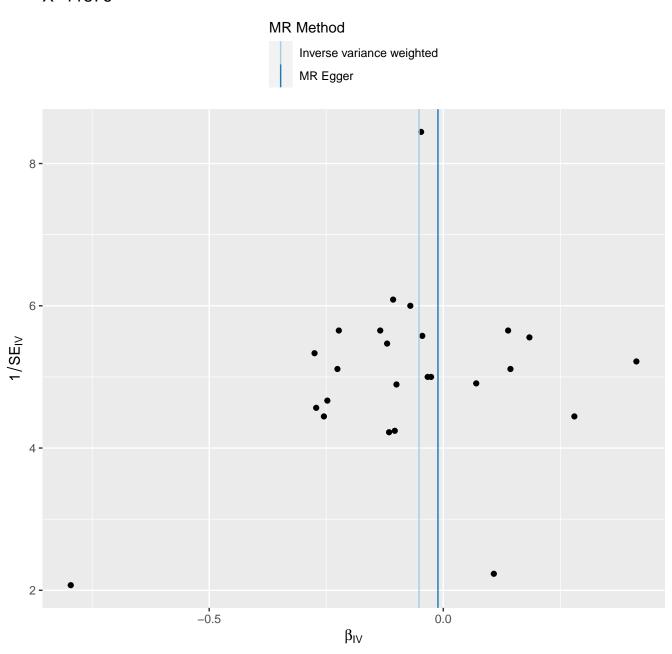


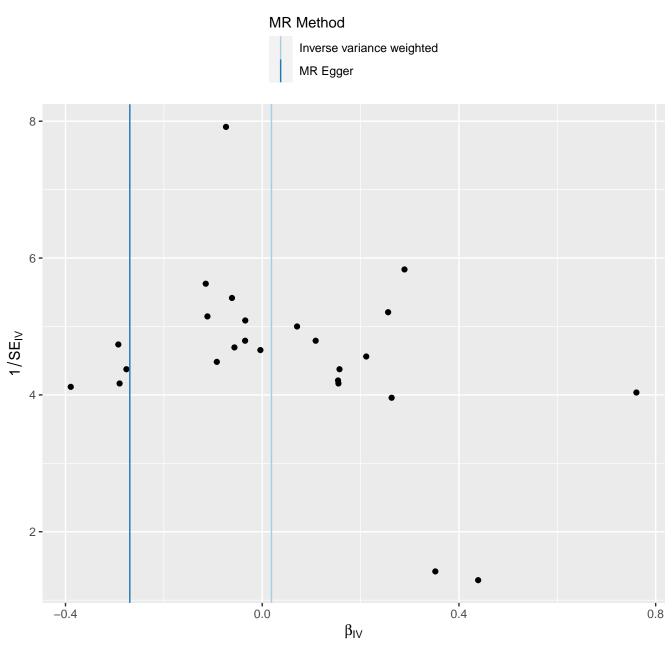


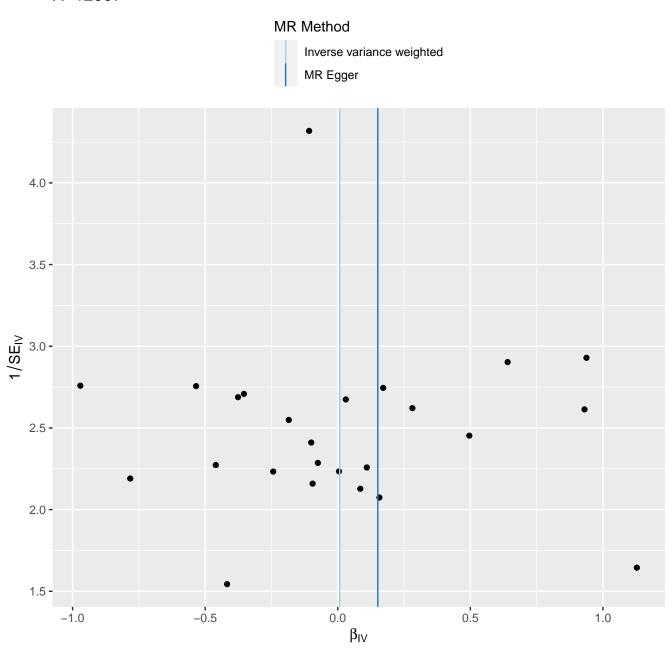


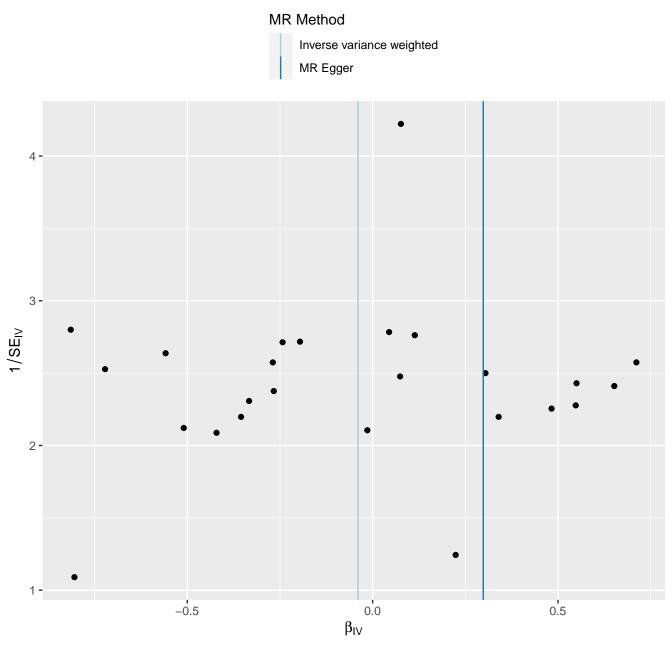


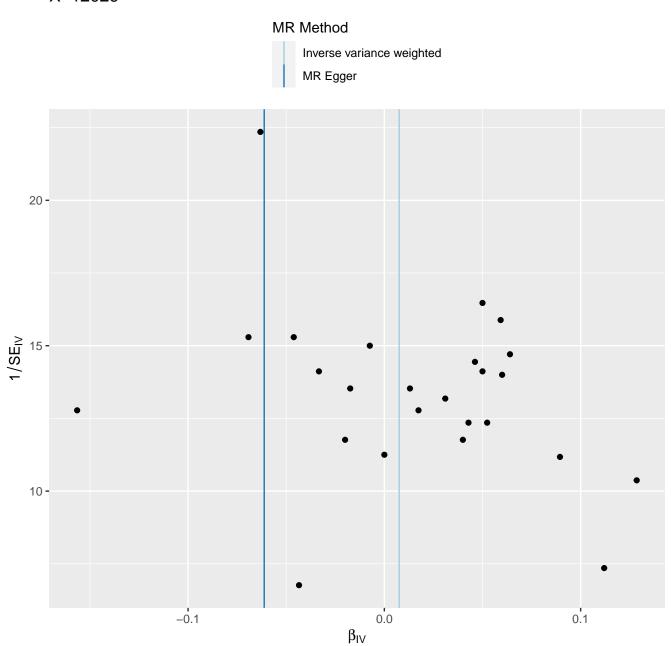


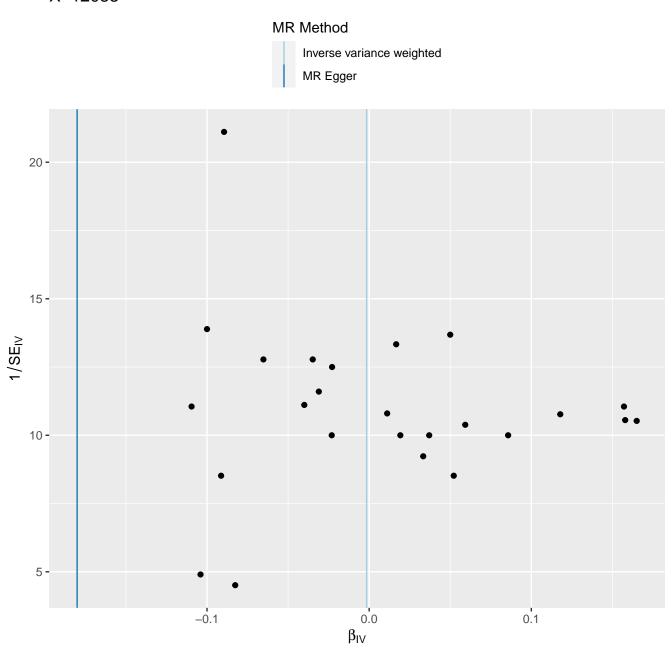


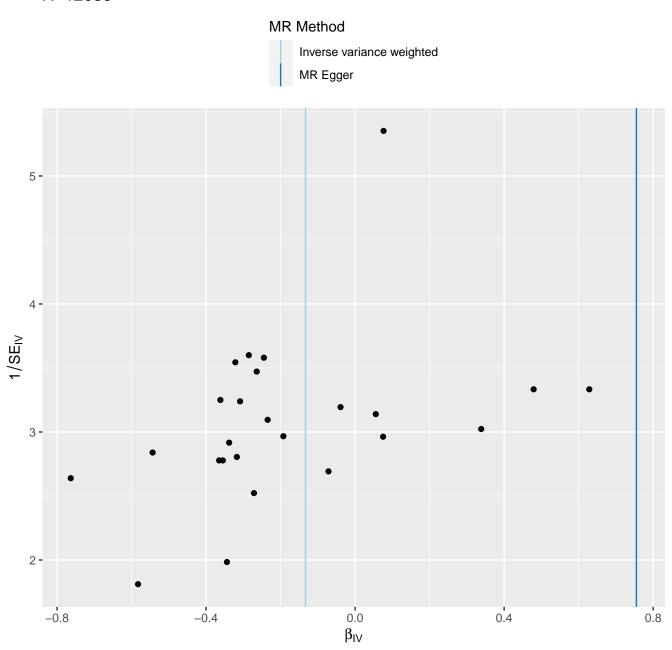


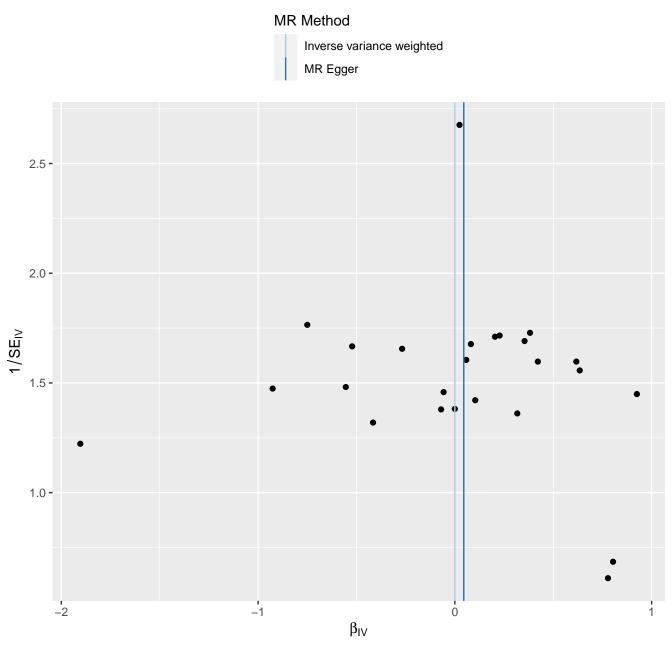


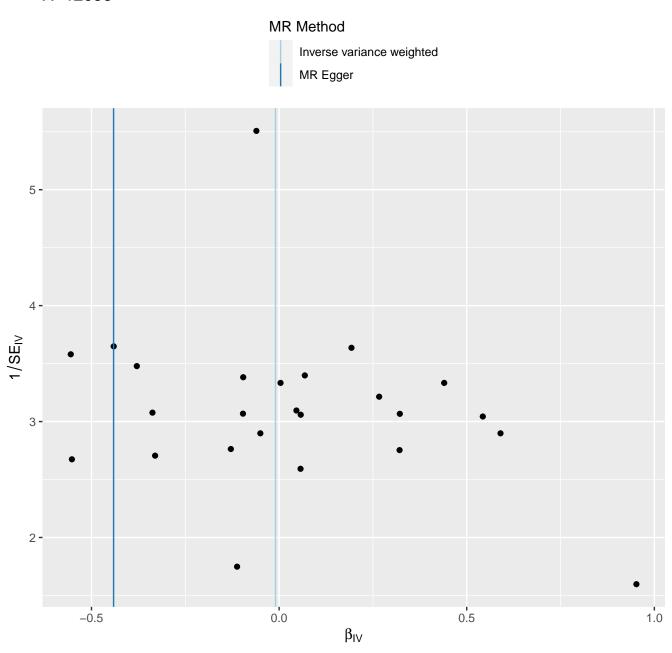


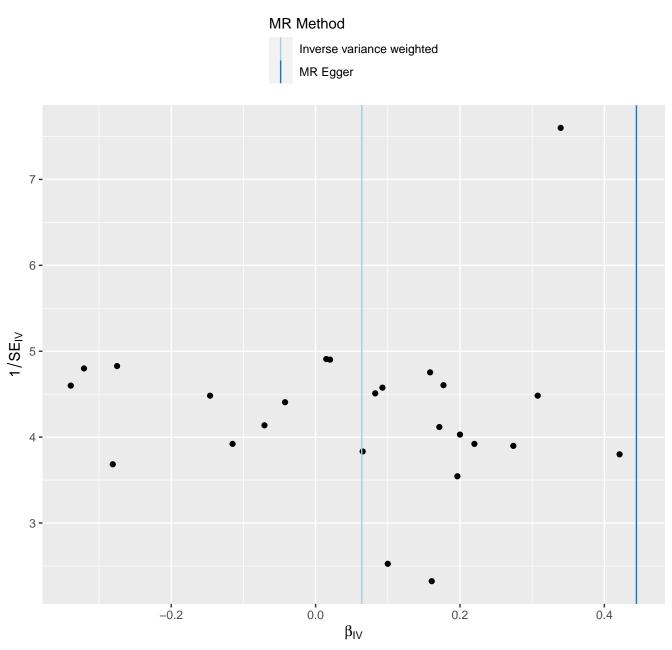


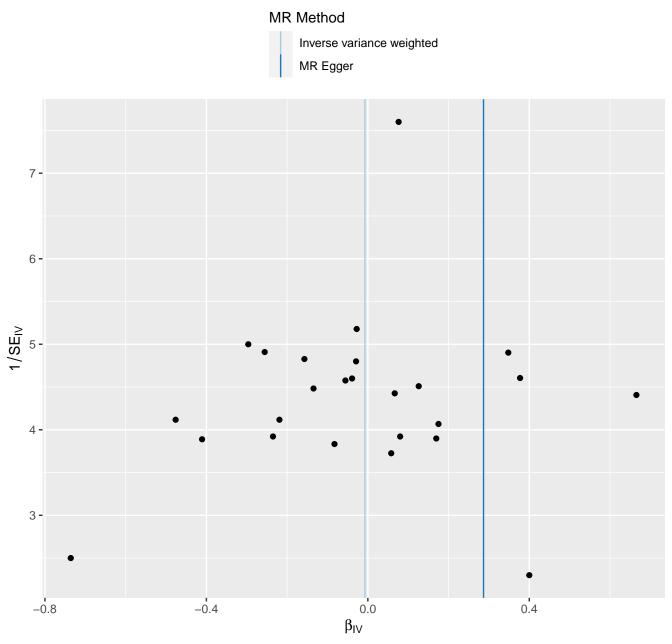


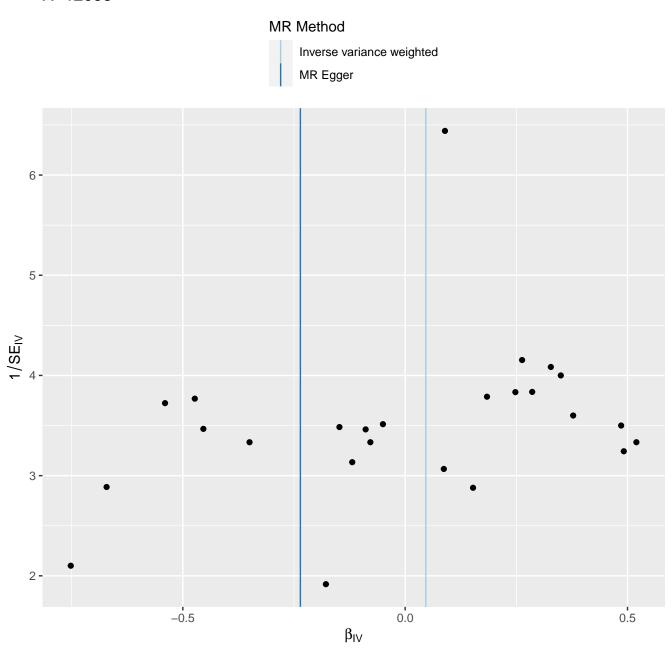


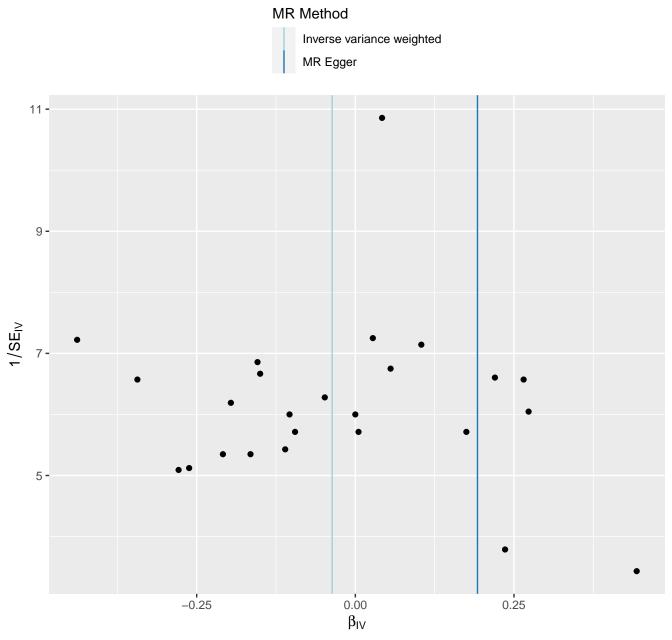




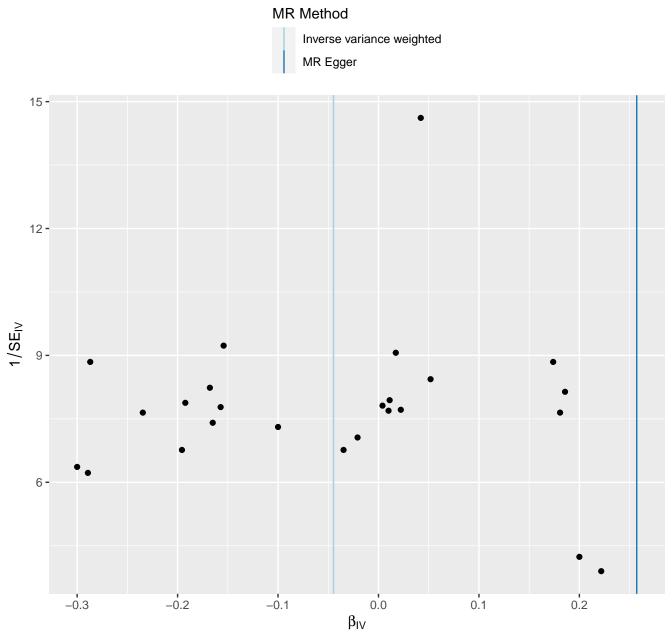




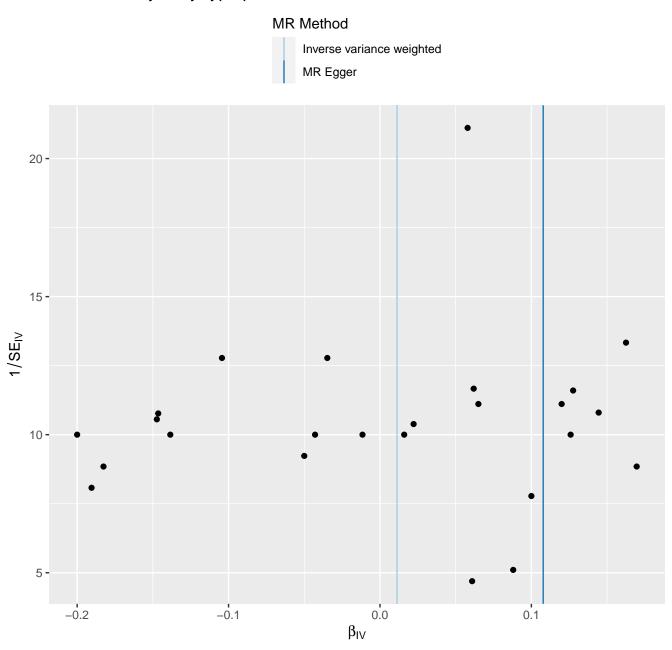


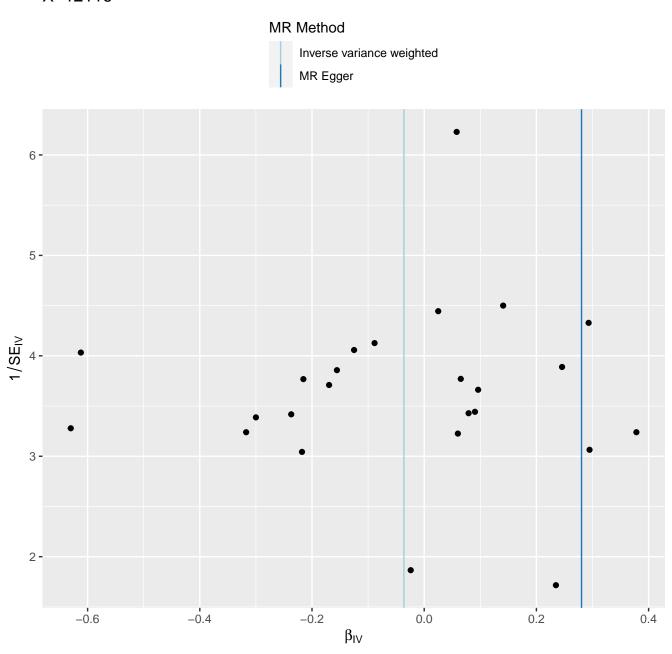


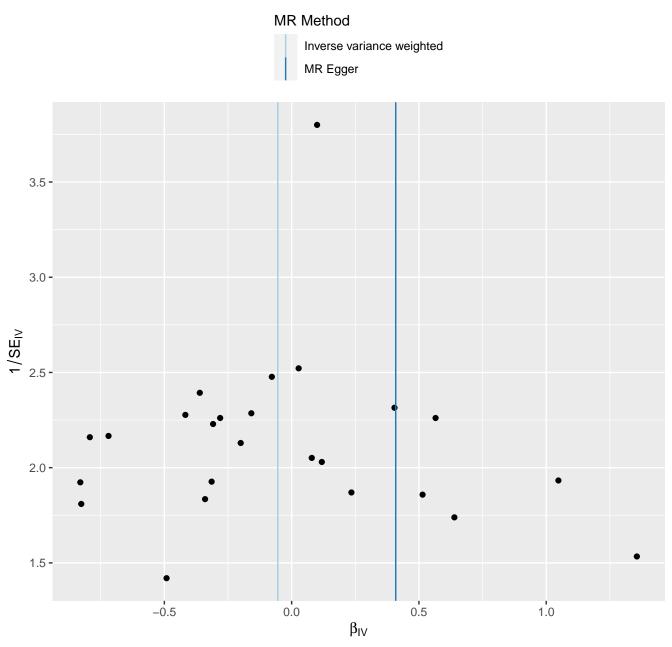
X-12095--N1-methyl-3-pyridone-4-carboxamide

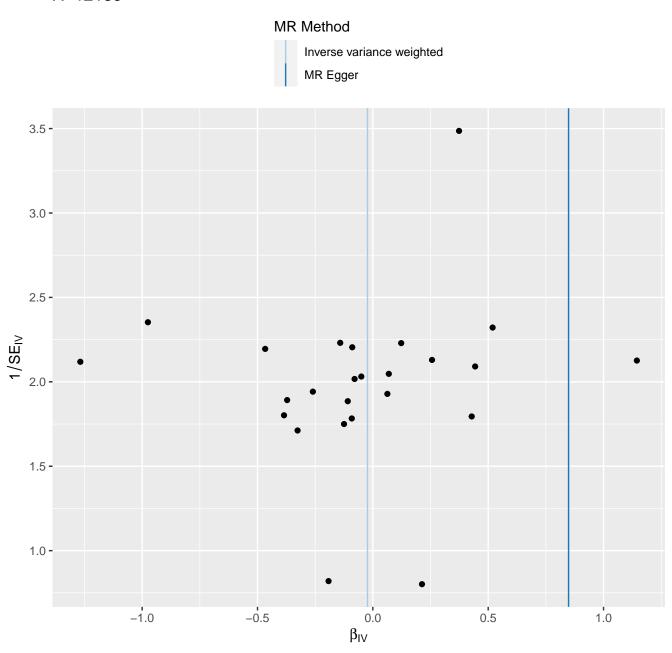


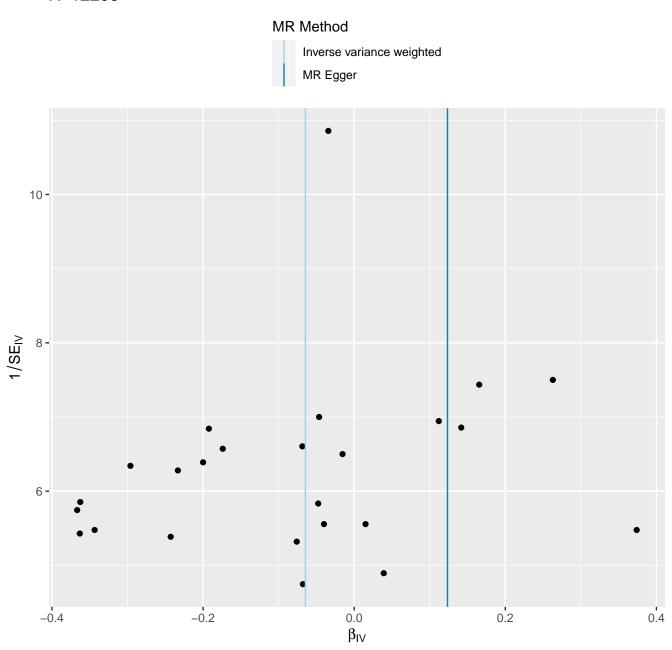
X-12100--hydroxytryptophan*

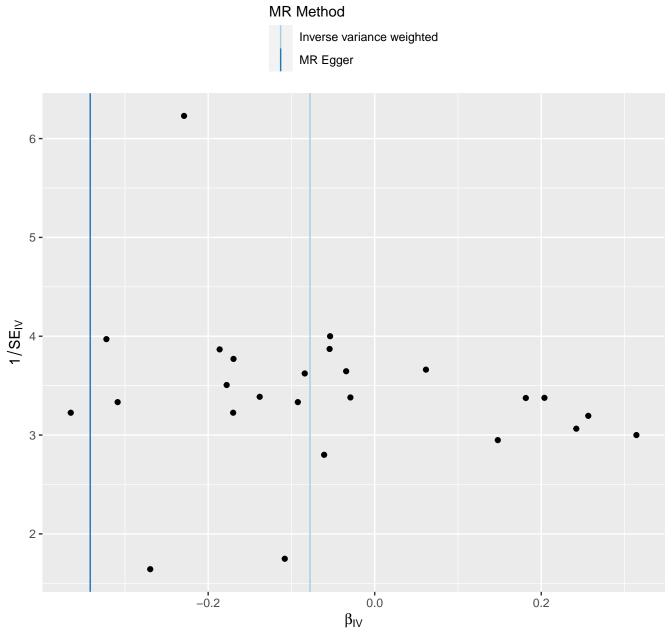


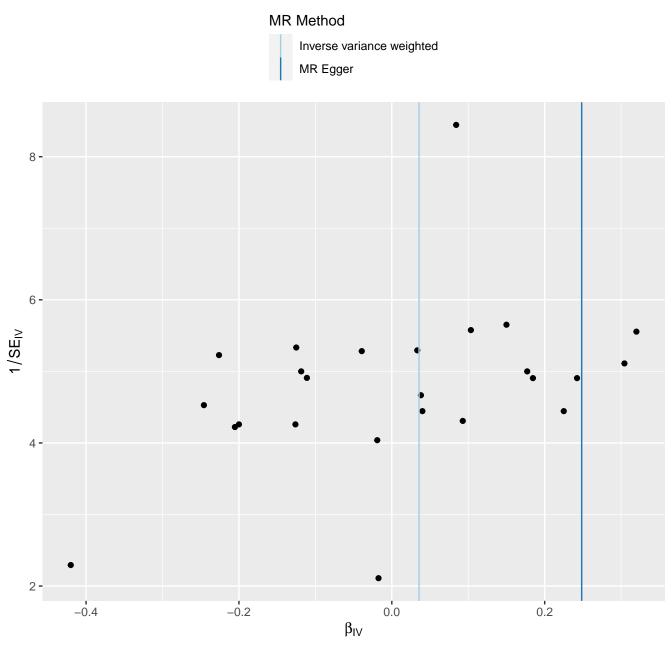


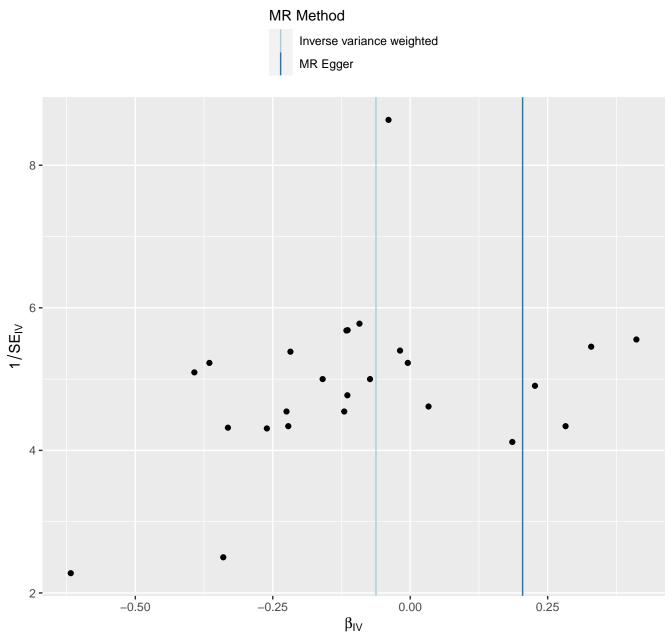


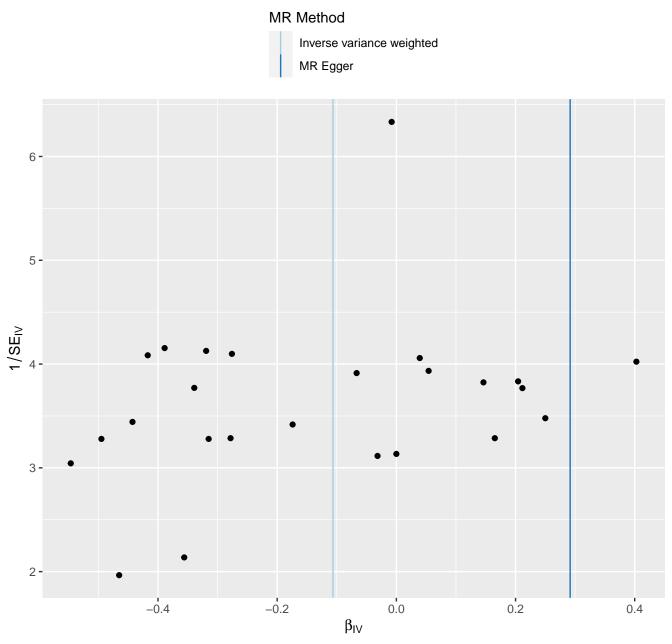


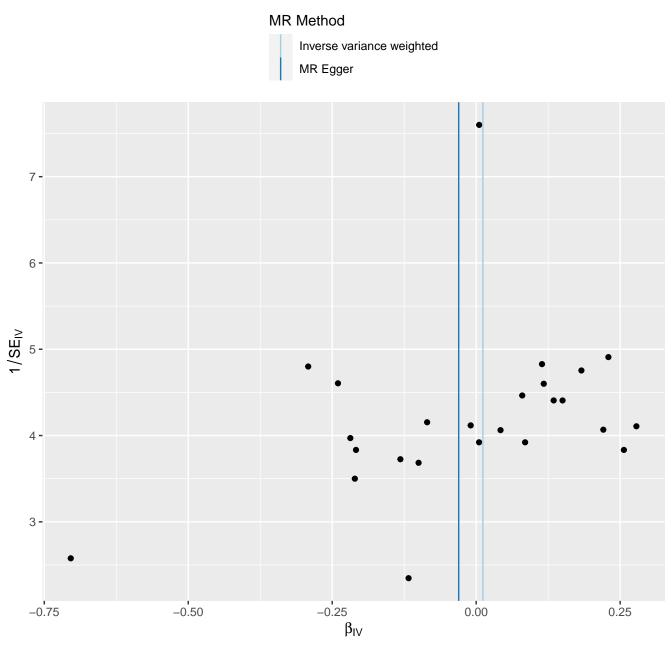


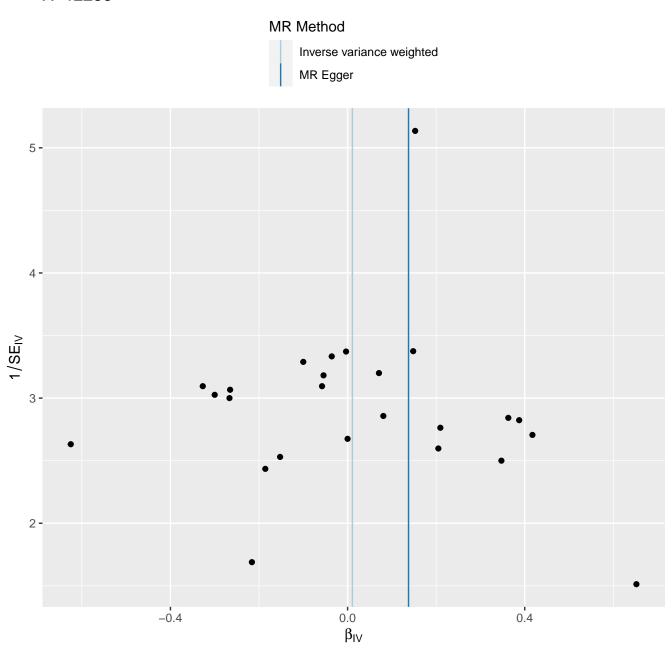




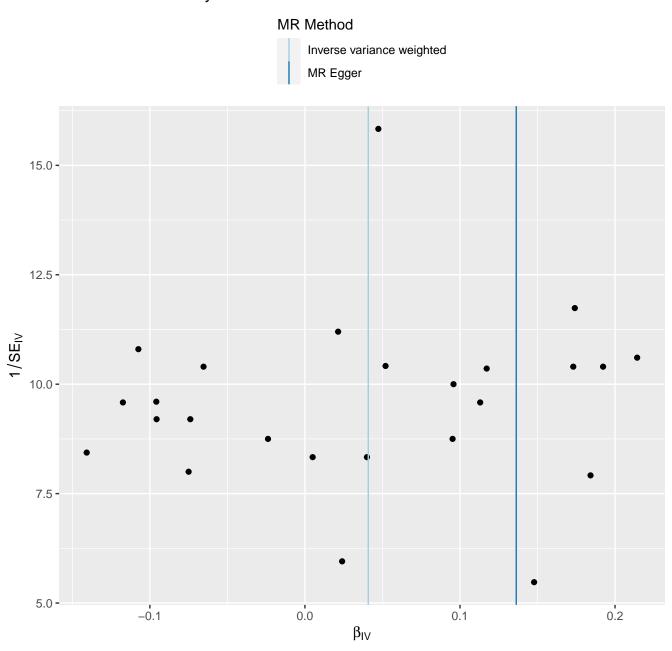


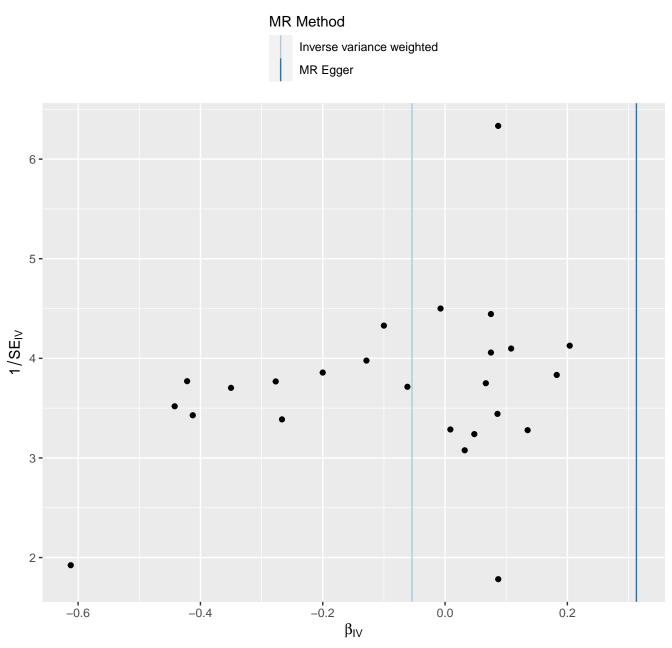


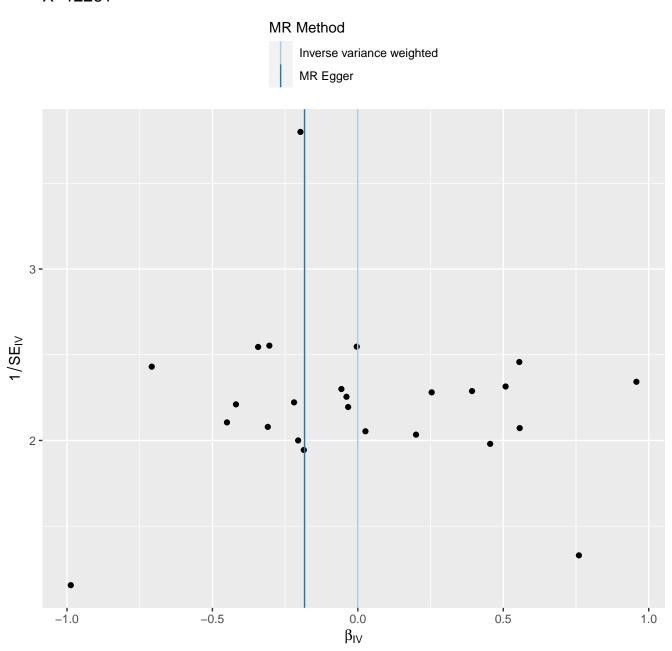


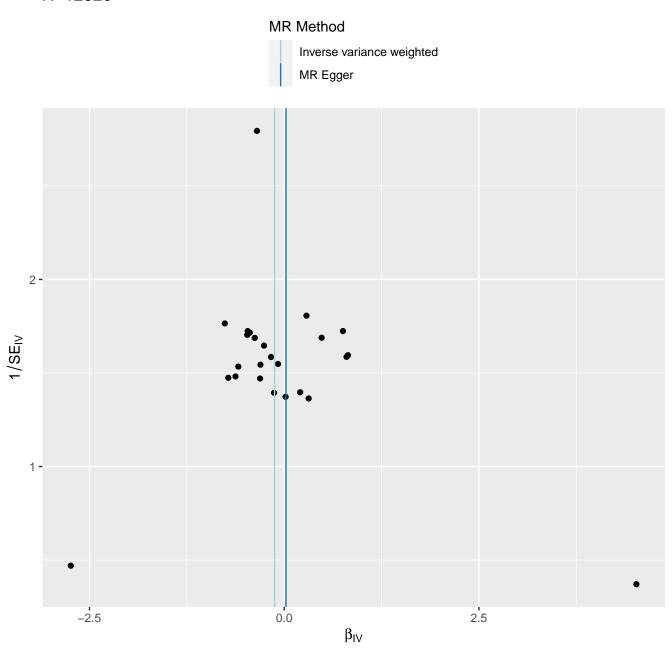


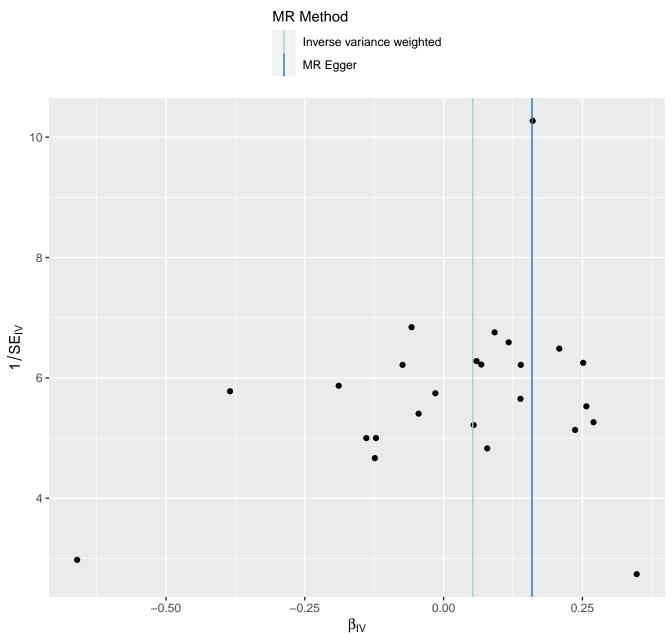
X-12244--N-acetylcarnosine

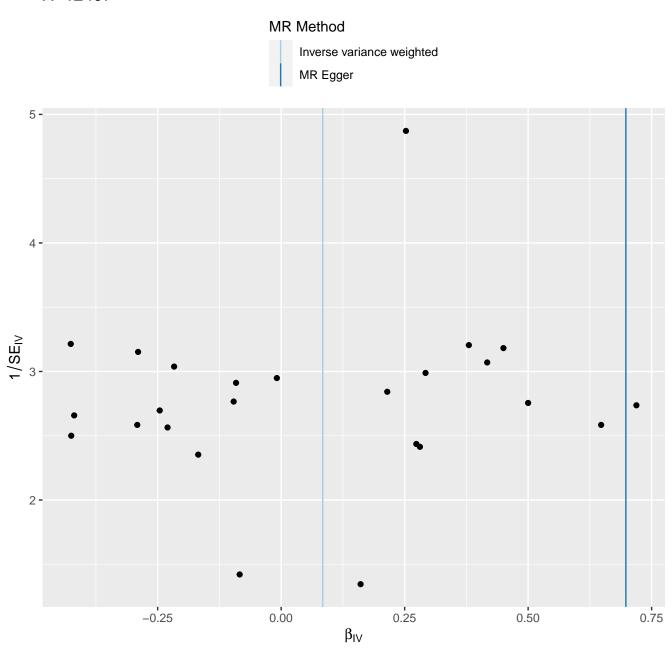


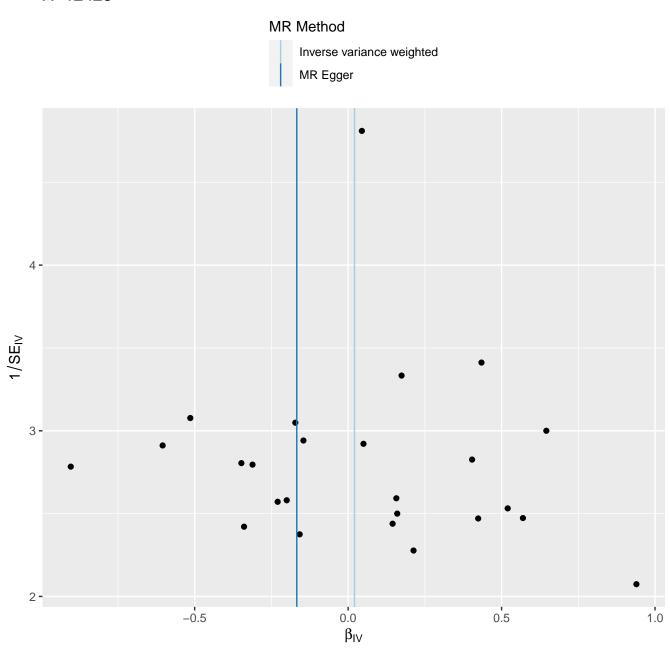










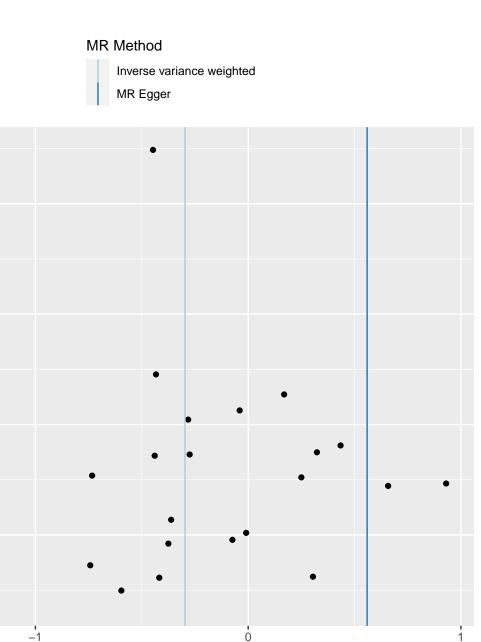


1.75 -

1.50 -

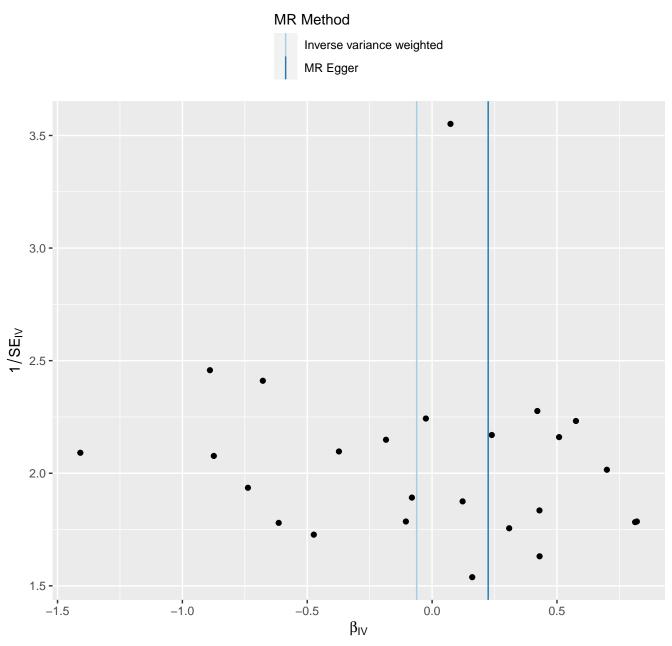
1.25 -

1.00 -

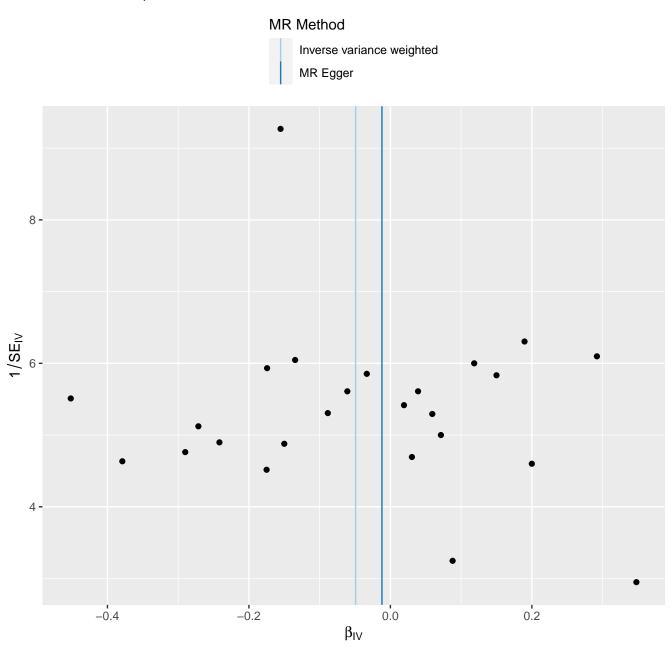


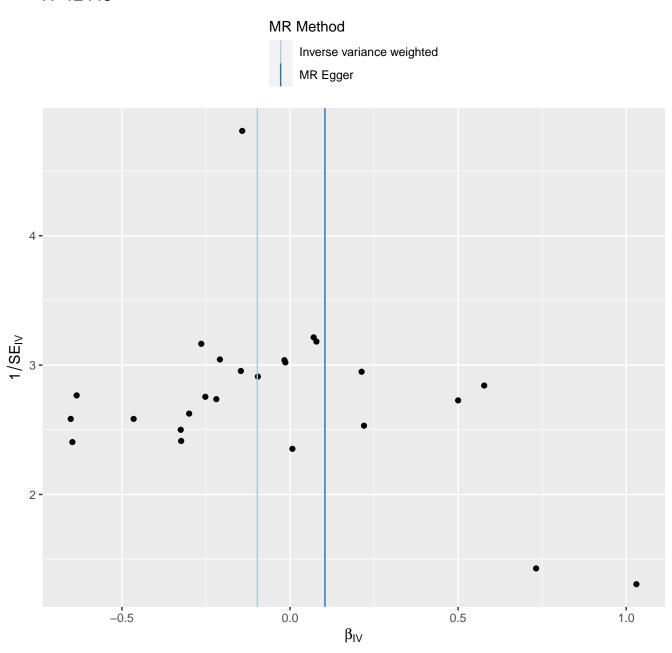
 β_{IV}

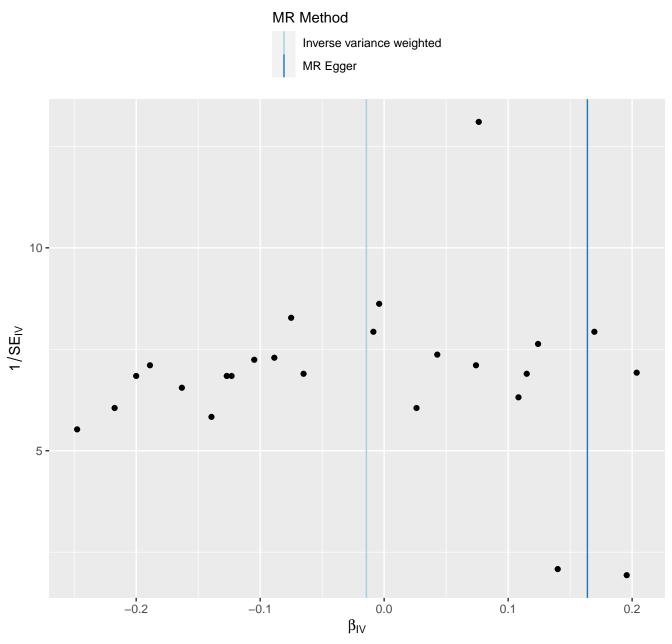
X-12441--12-hydroxyeicosatetraenoate (12-HETE)

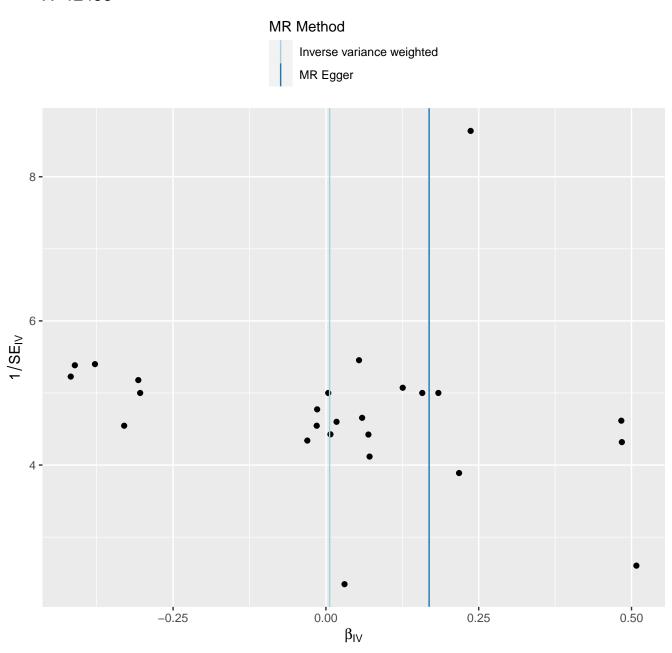


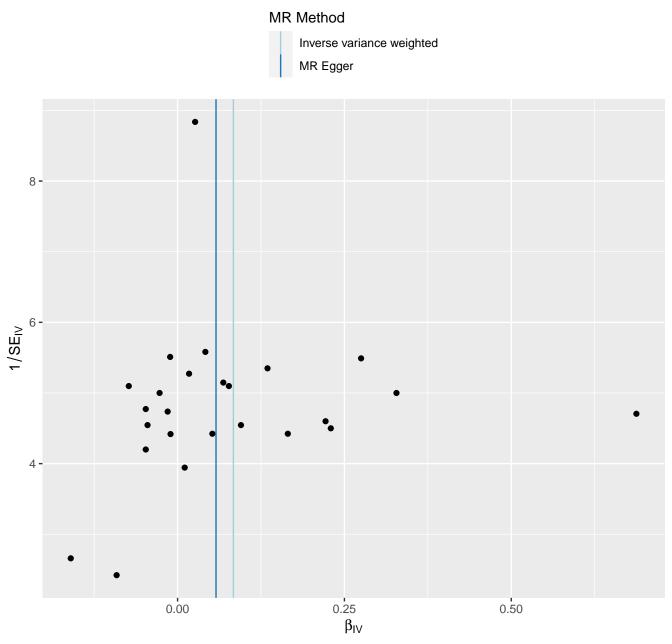
X-12442--5,8-tetradecadienoate



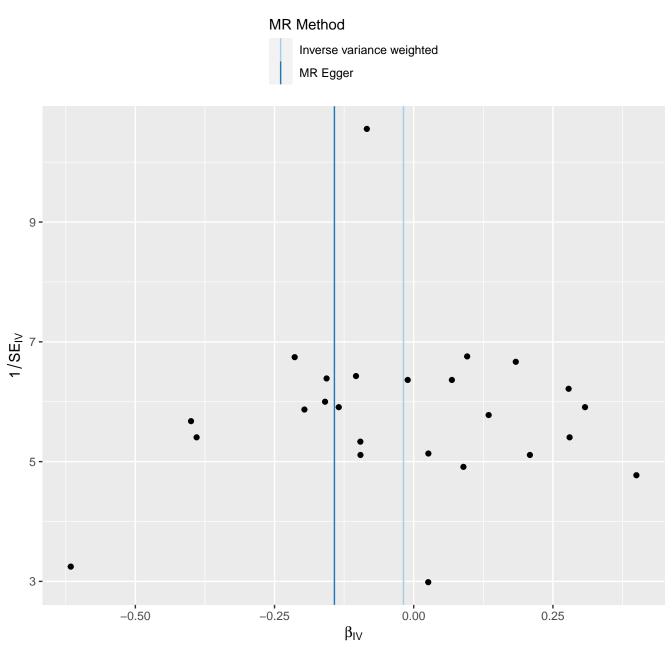


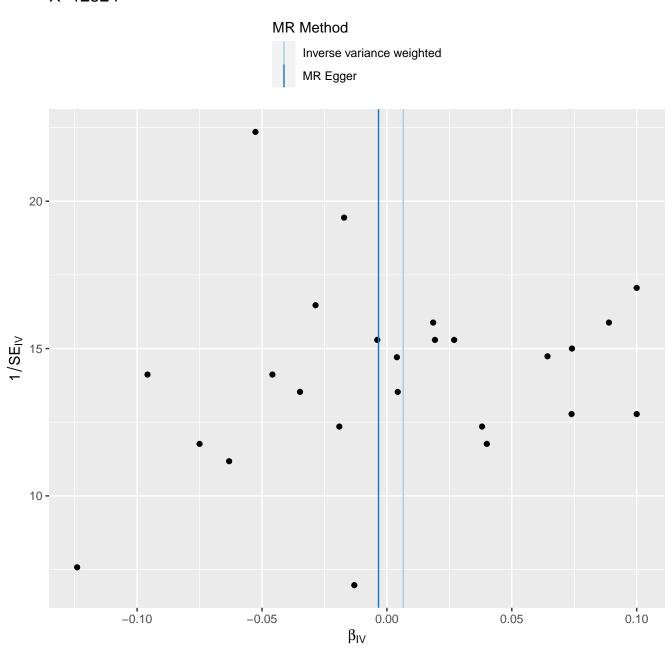


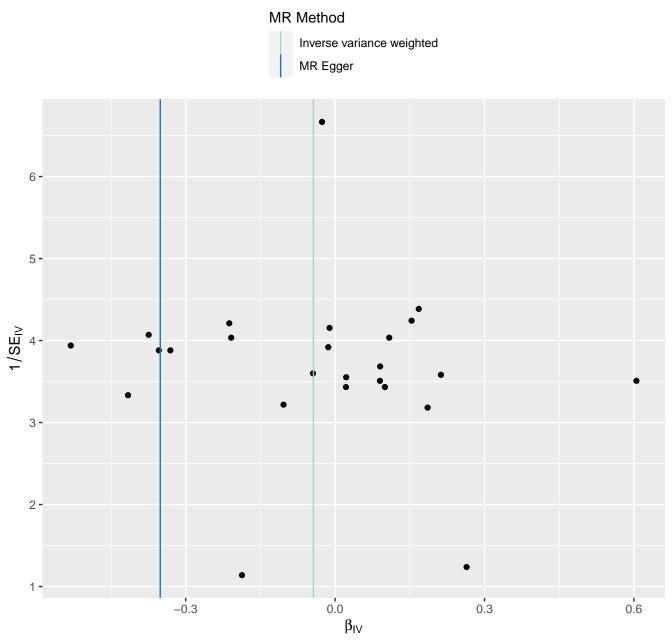


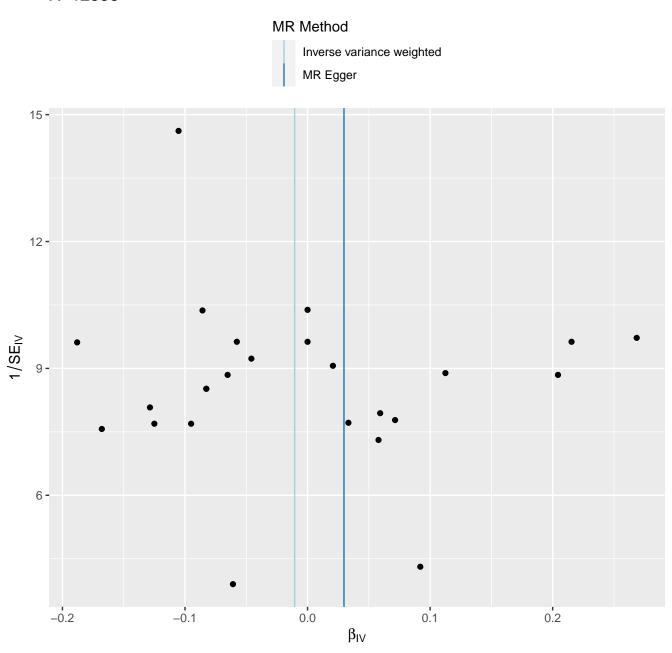


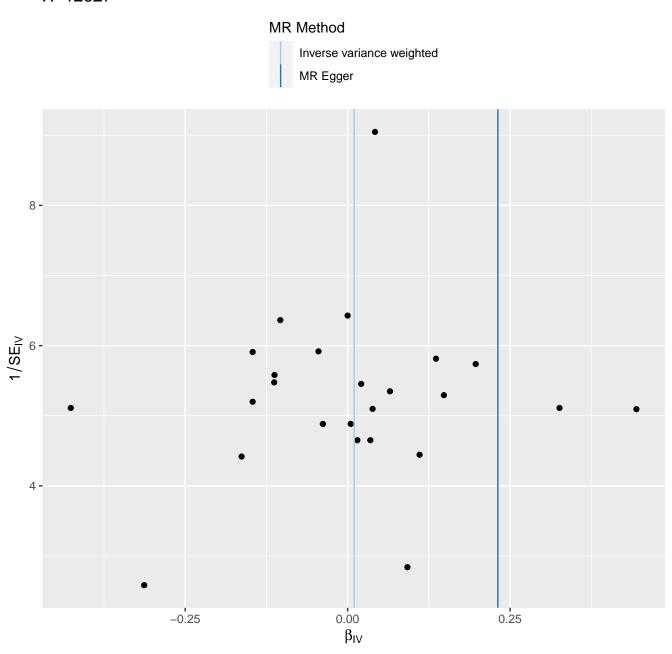
X-12510--2-aminooctanoic acid

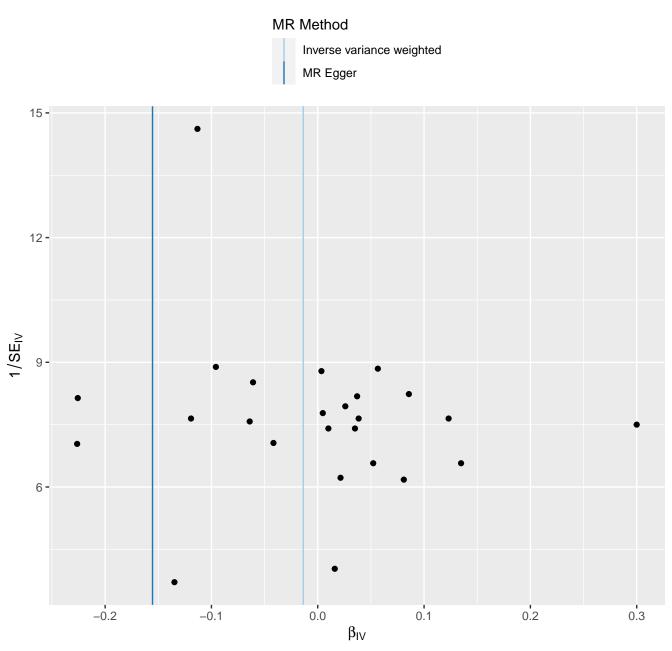


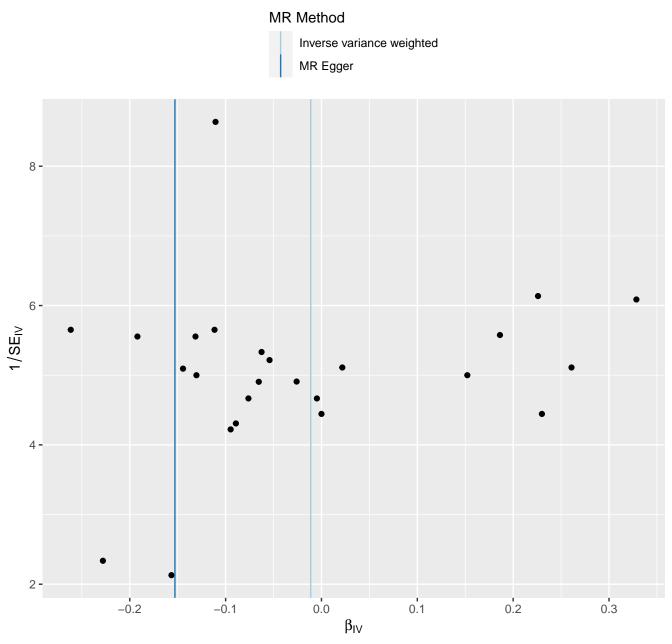


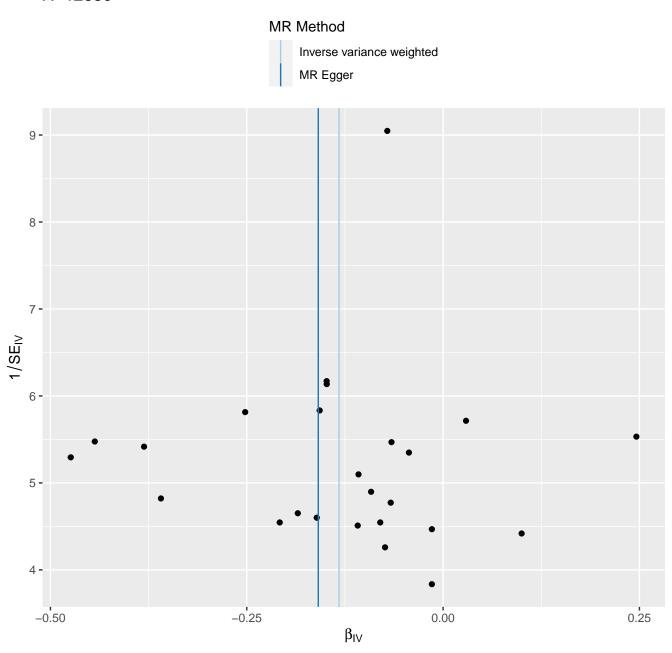


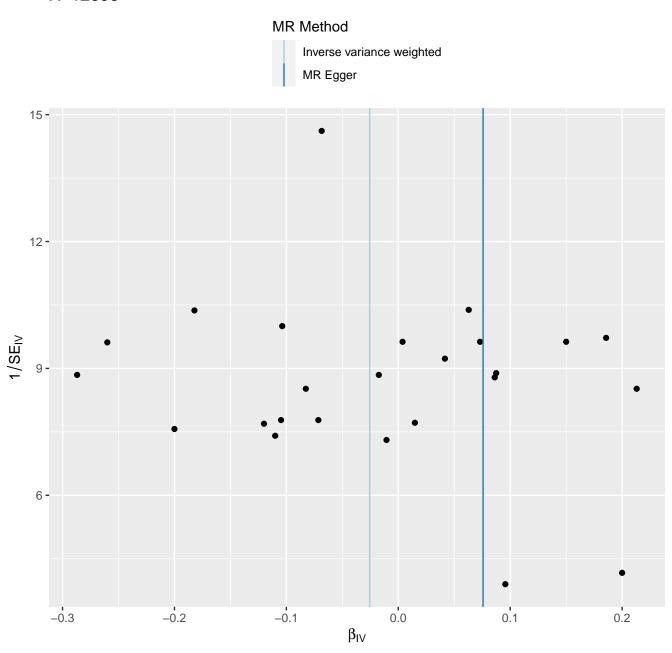


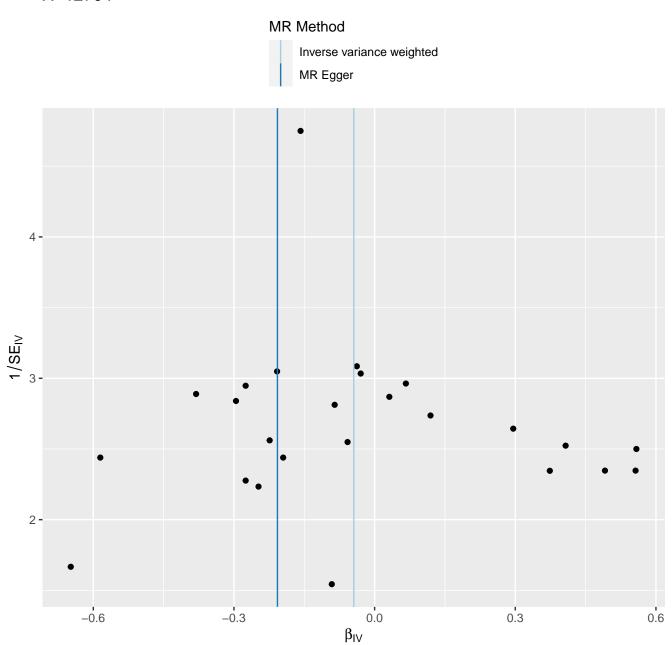


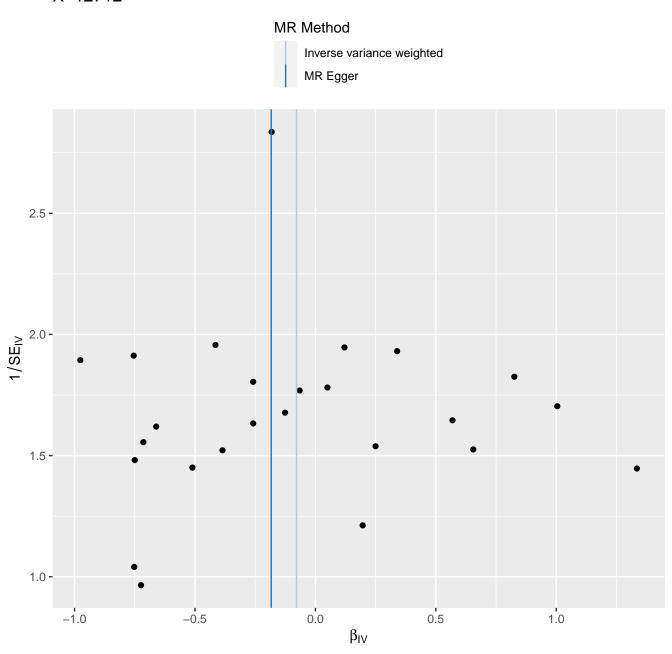


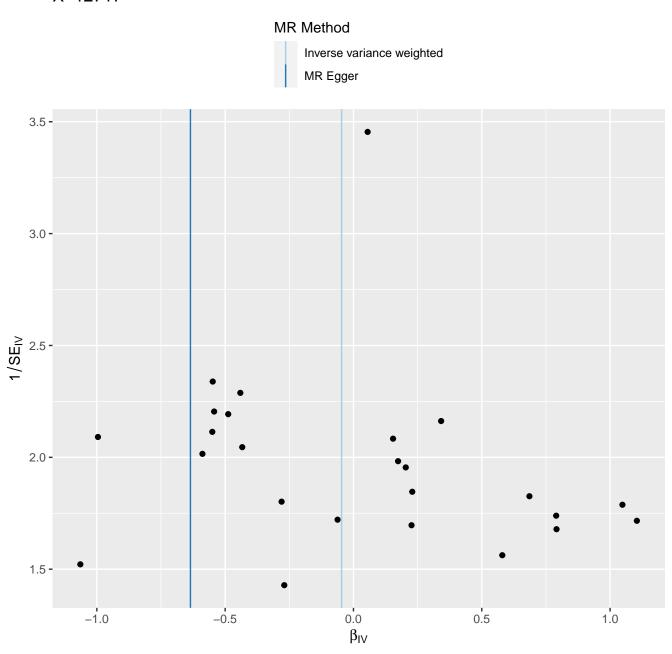


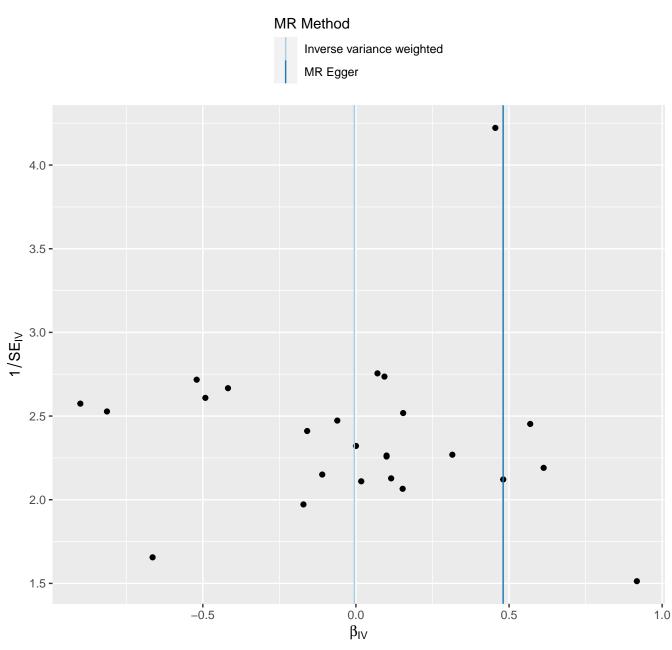


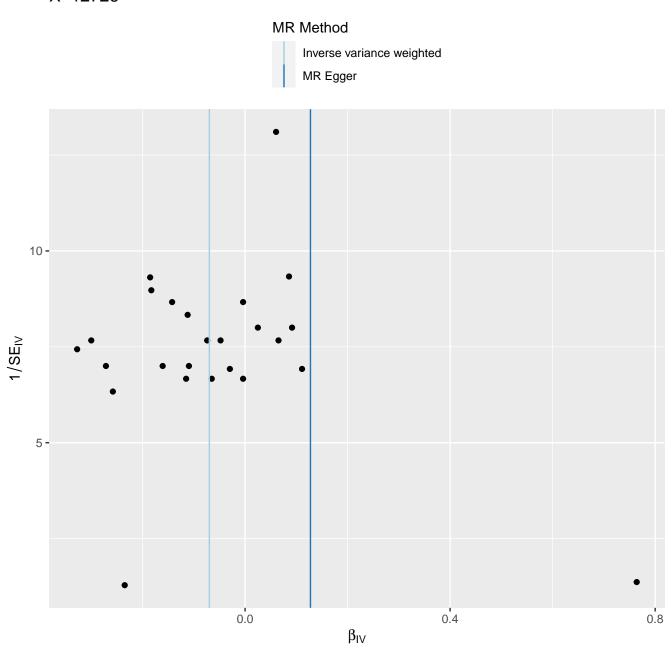


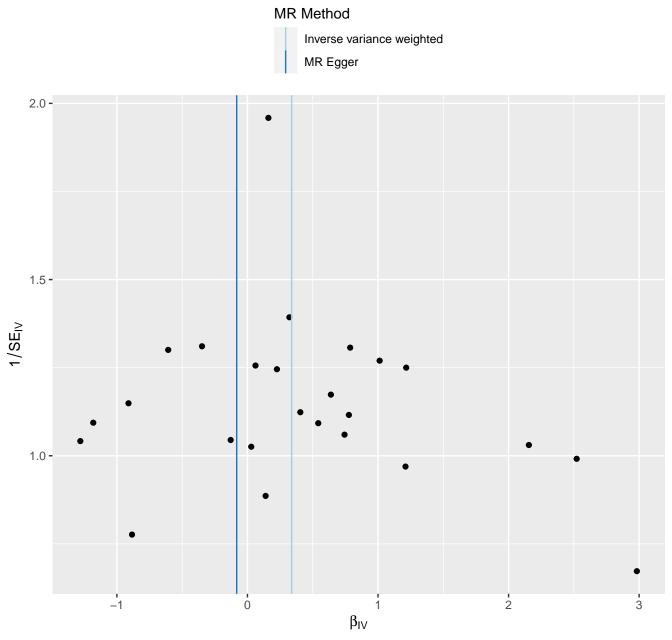


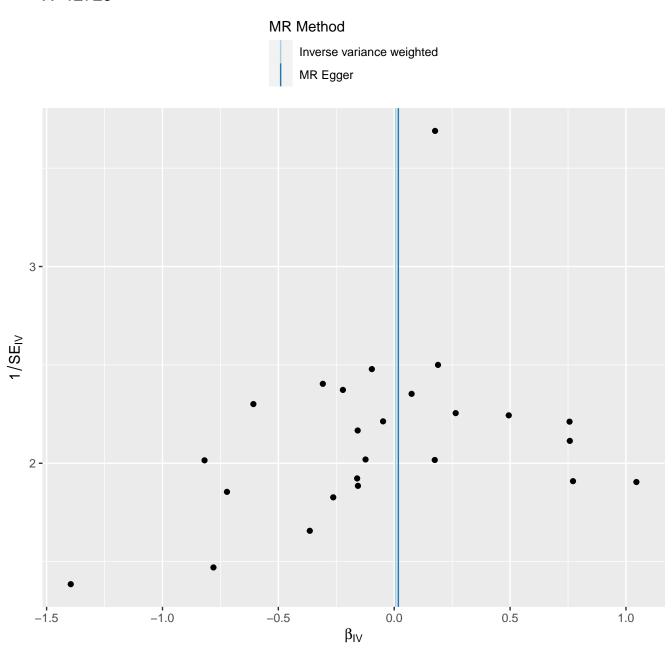


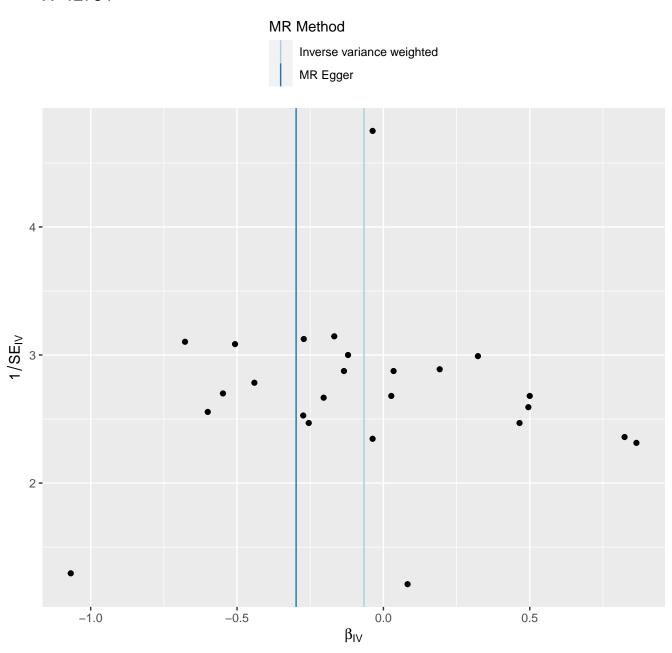


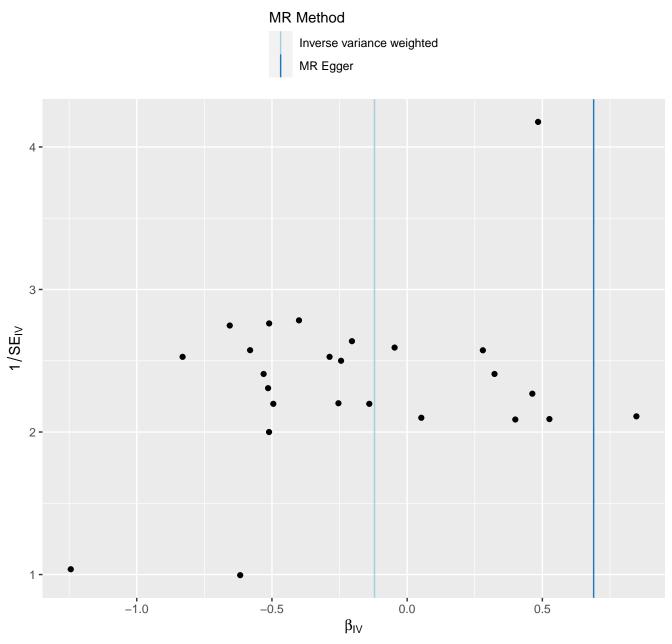


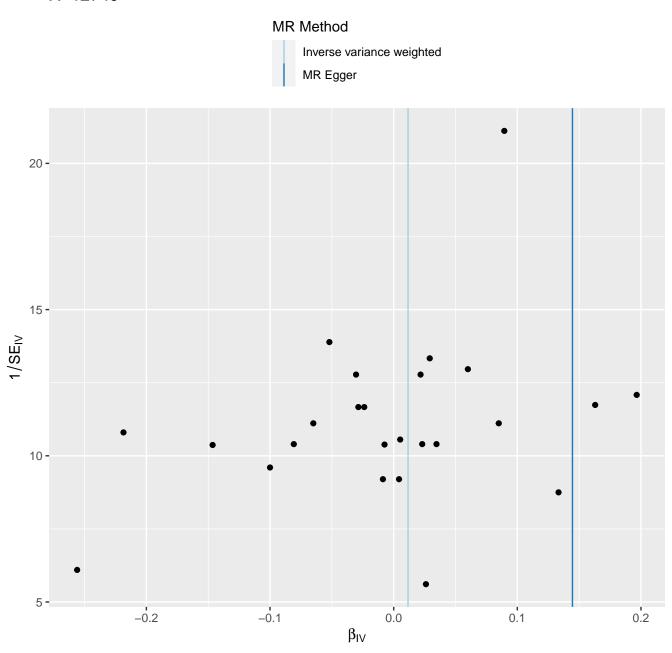


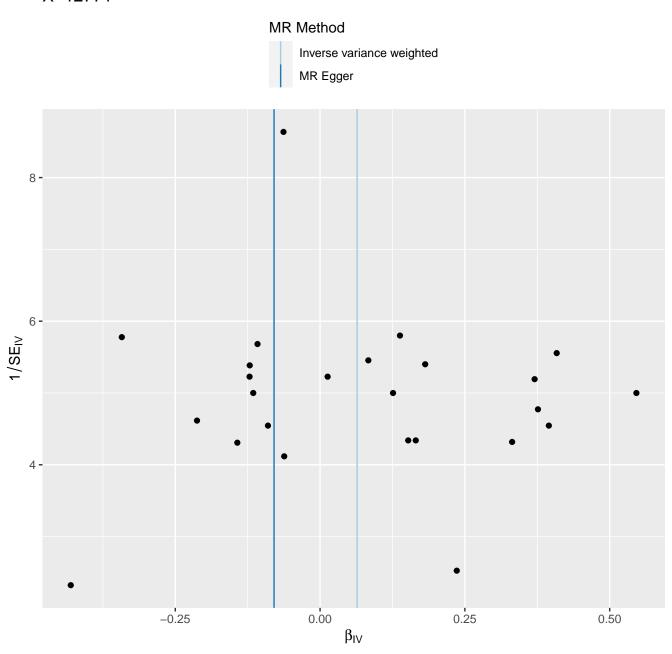


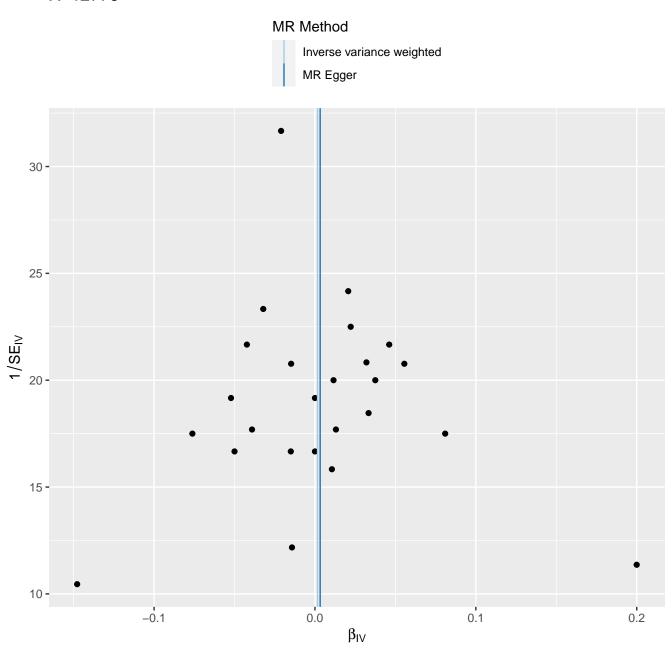


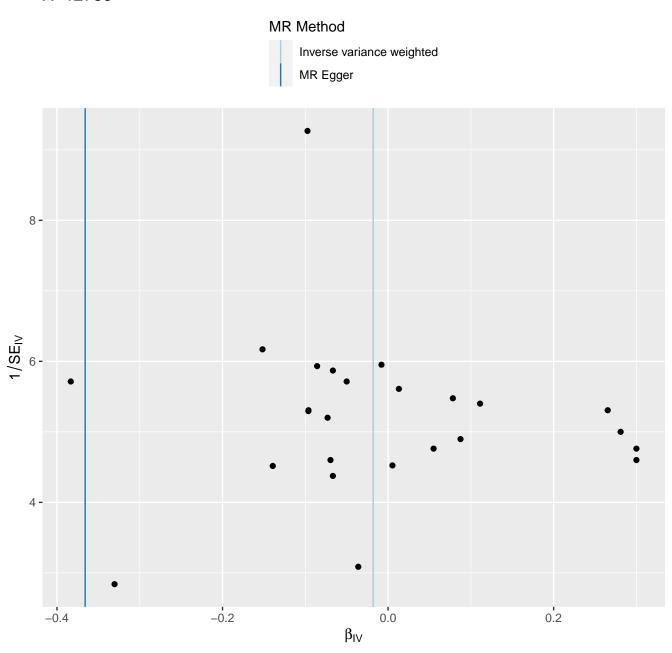


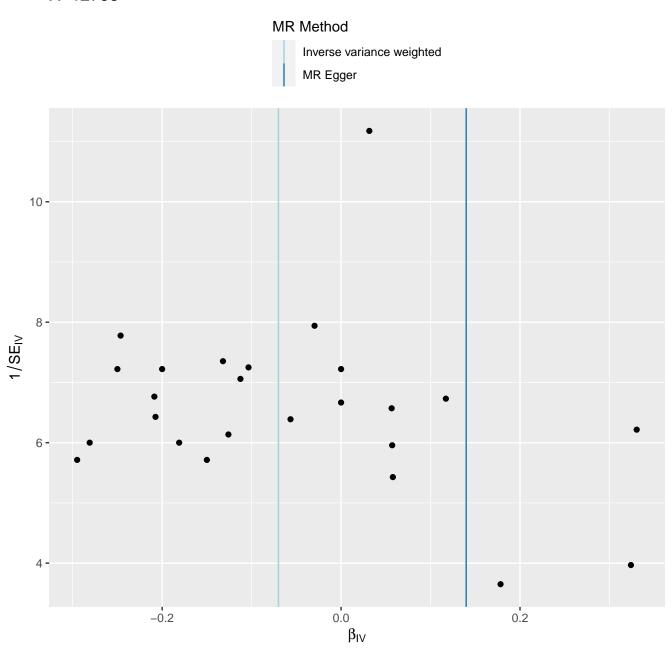


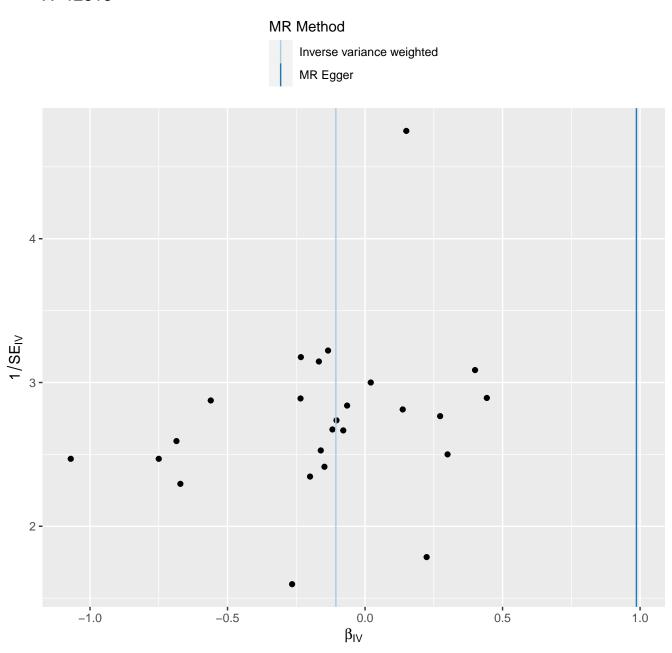


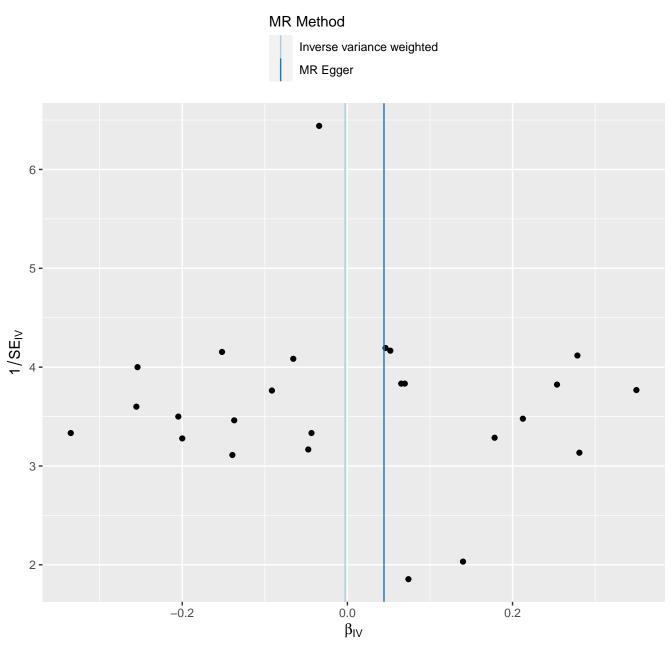


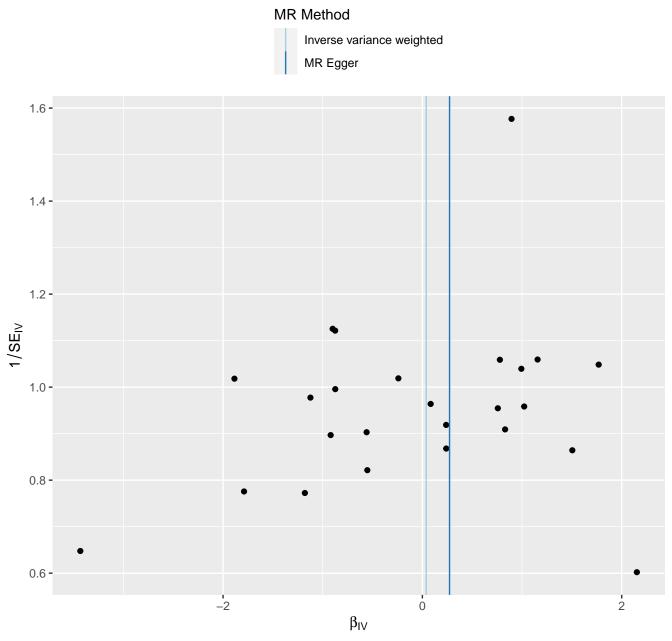


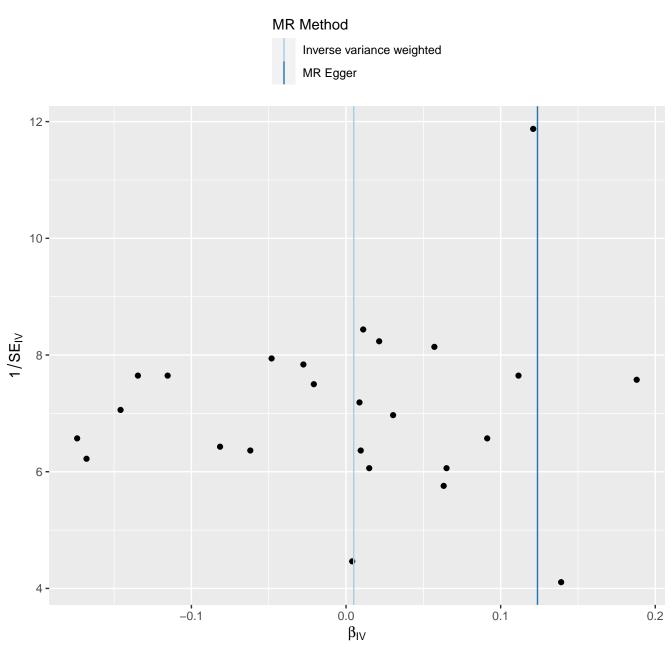


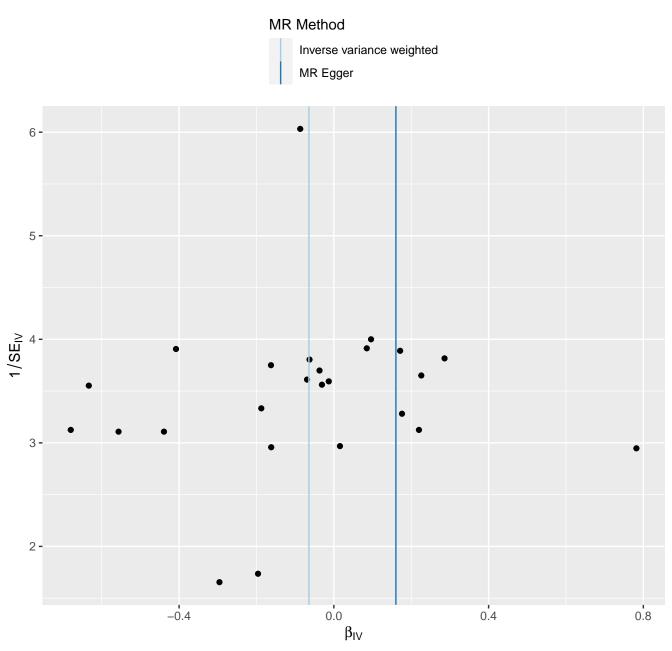


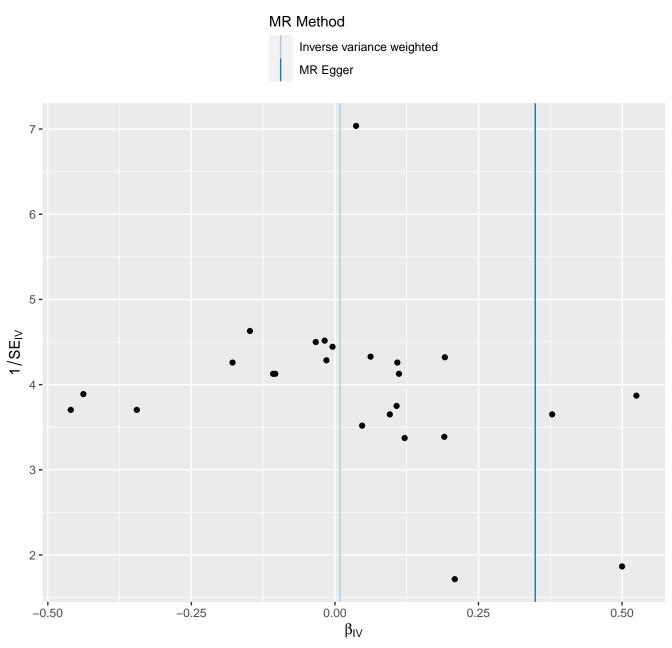


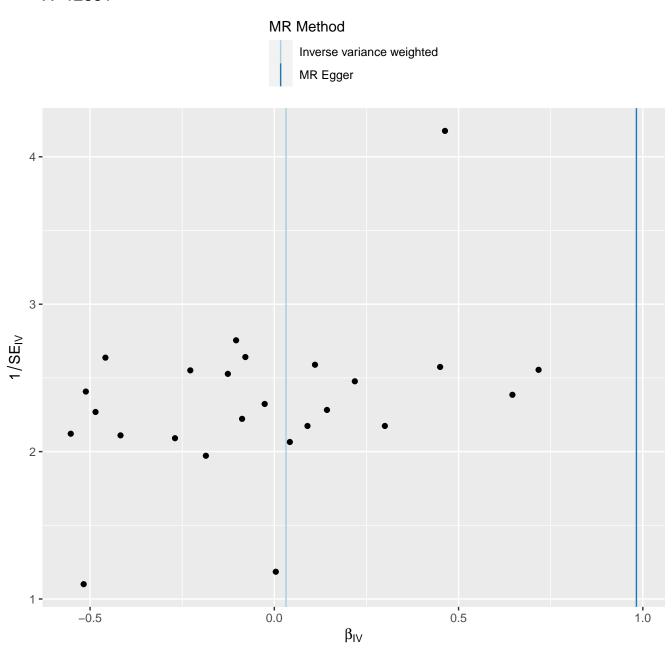


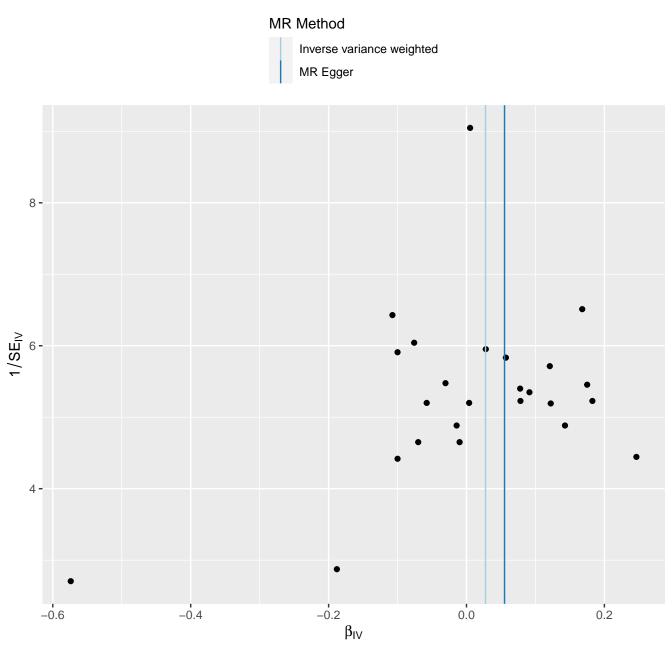




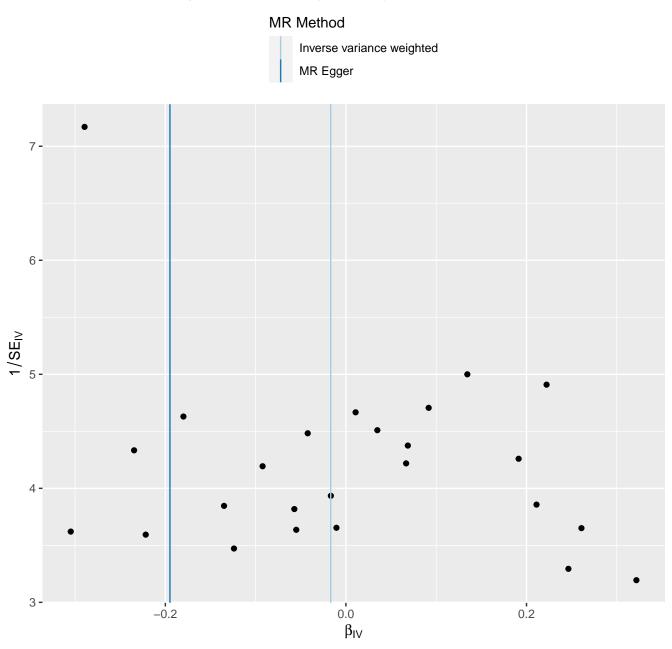


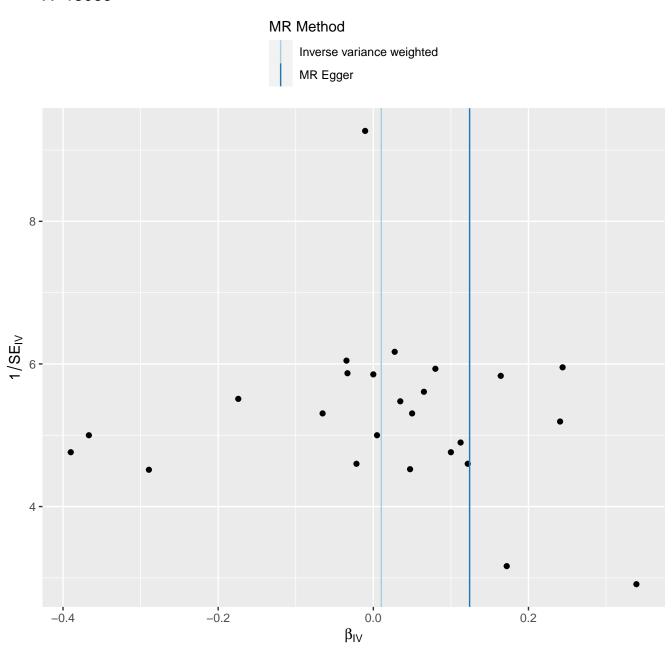




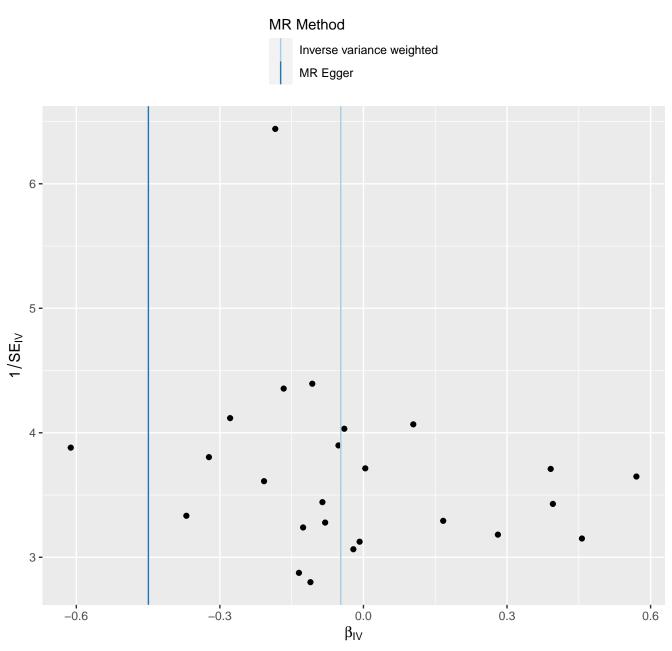


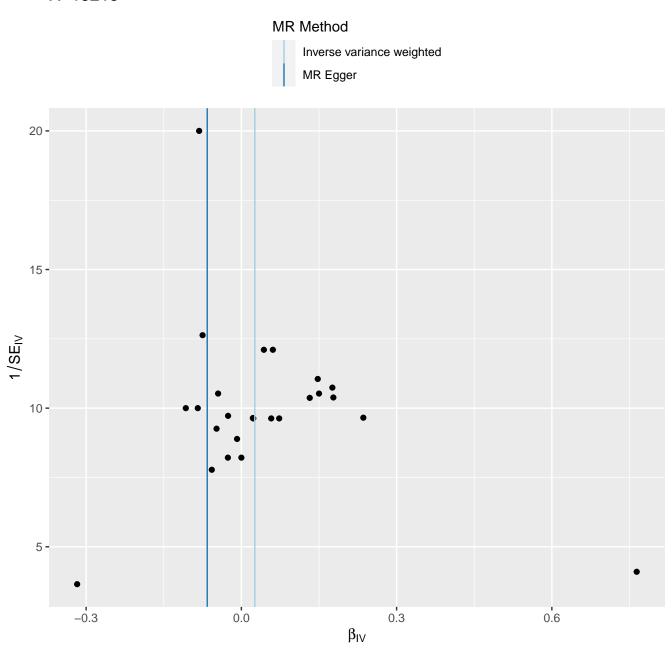
X-12990--docosapentaenoic acid (n6-DPA)

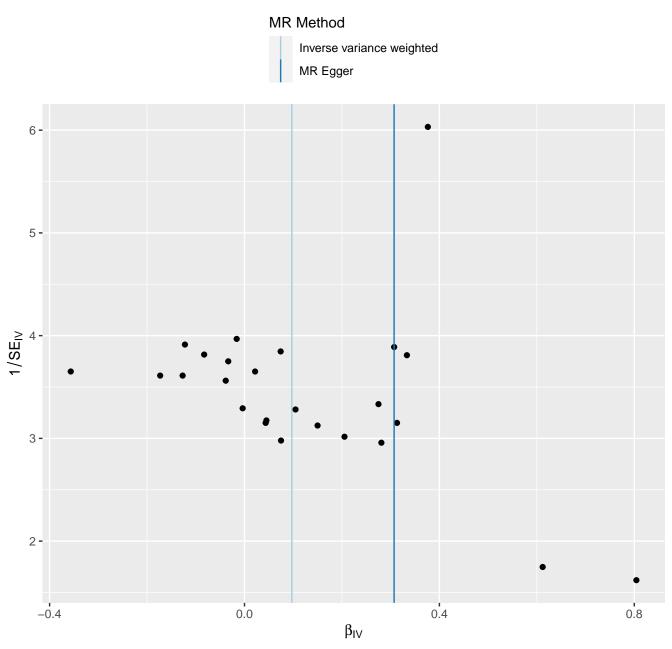




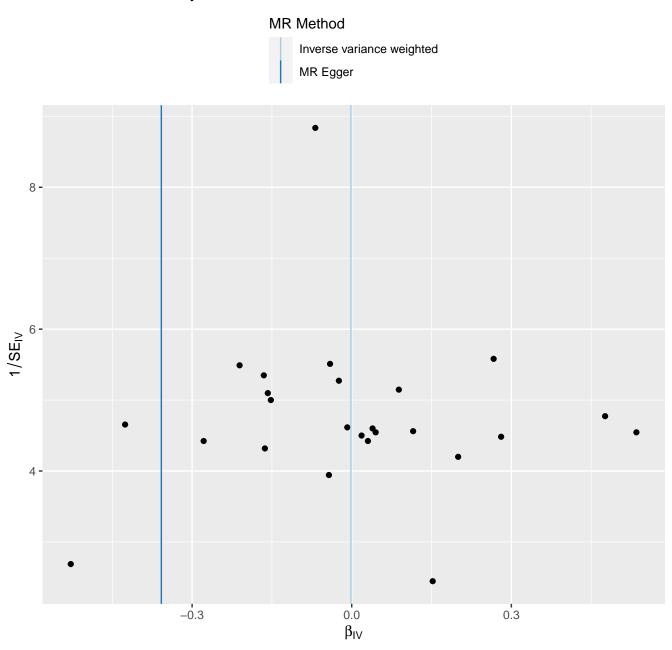
X-13183--stearamide

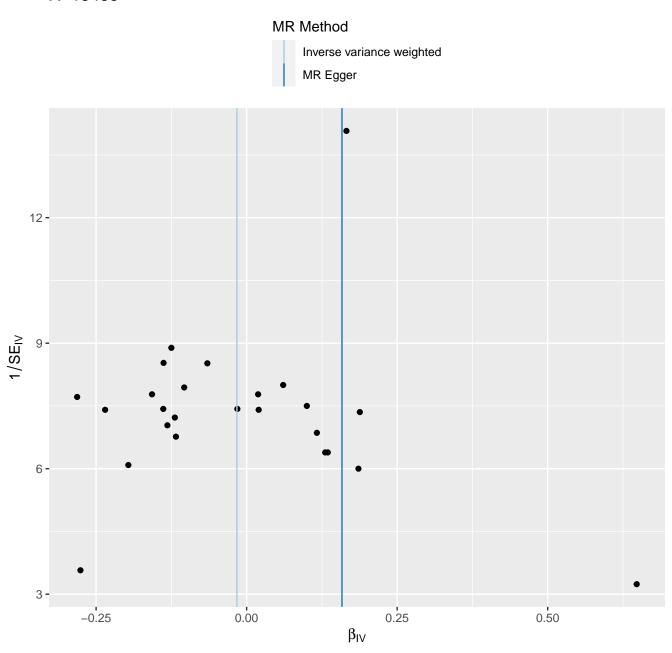


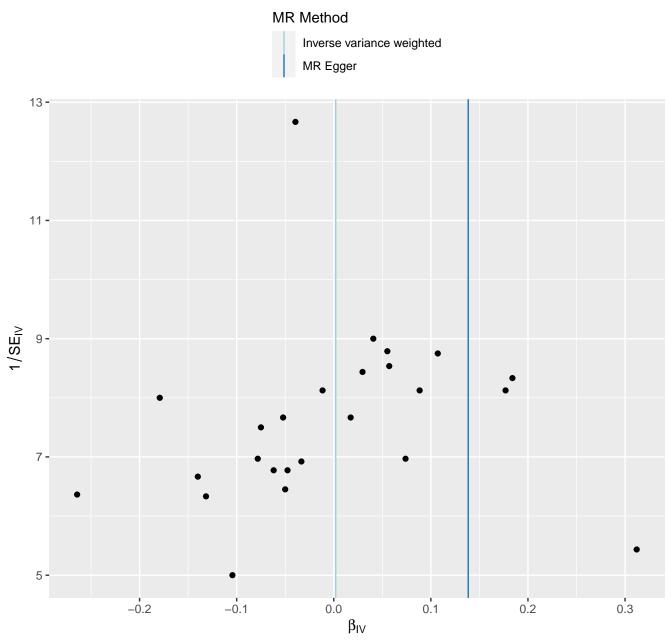


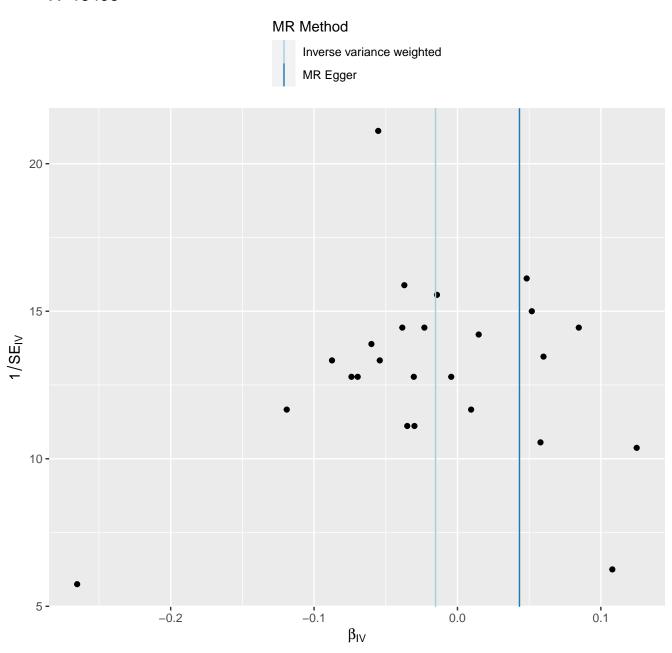


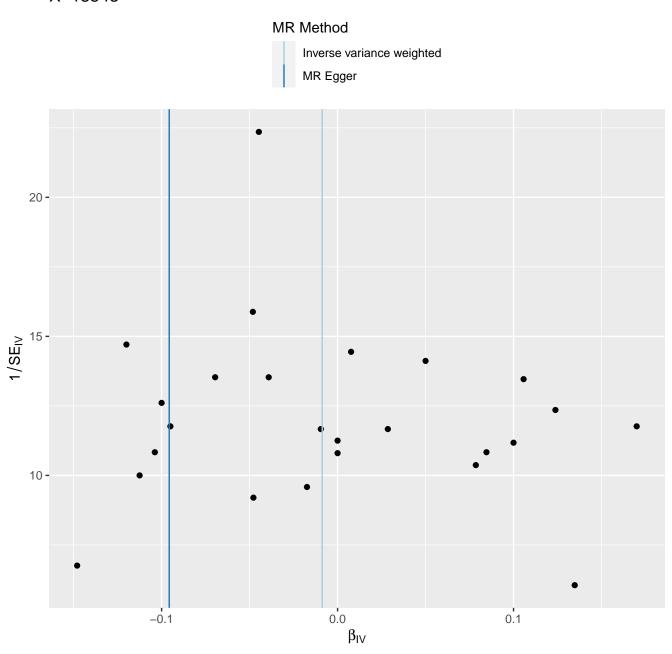
X-13431--nonanoylcarnitine*

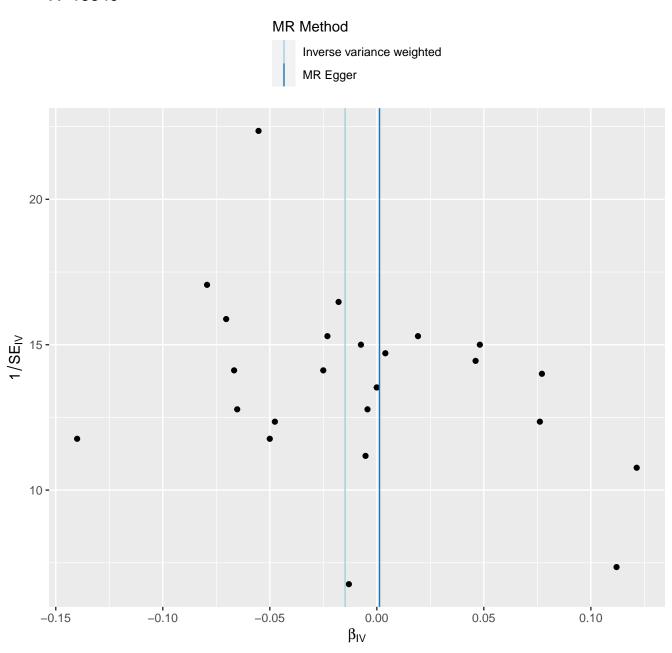


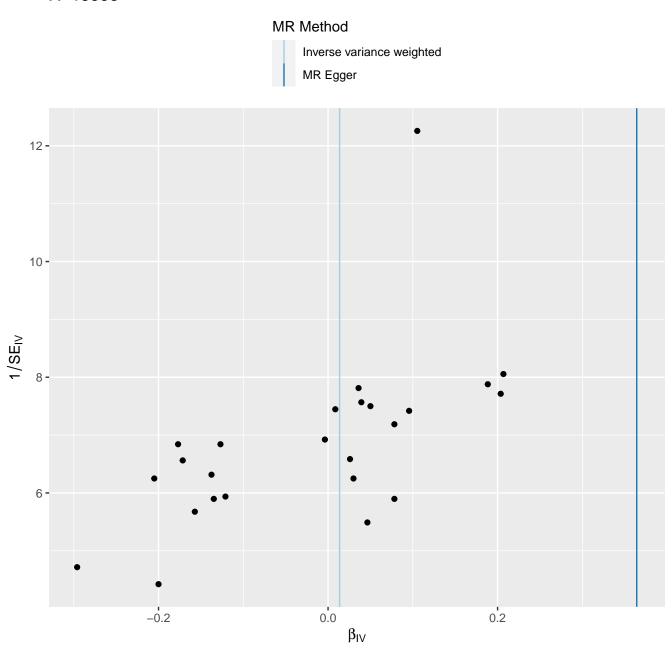


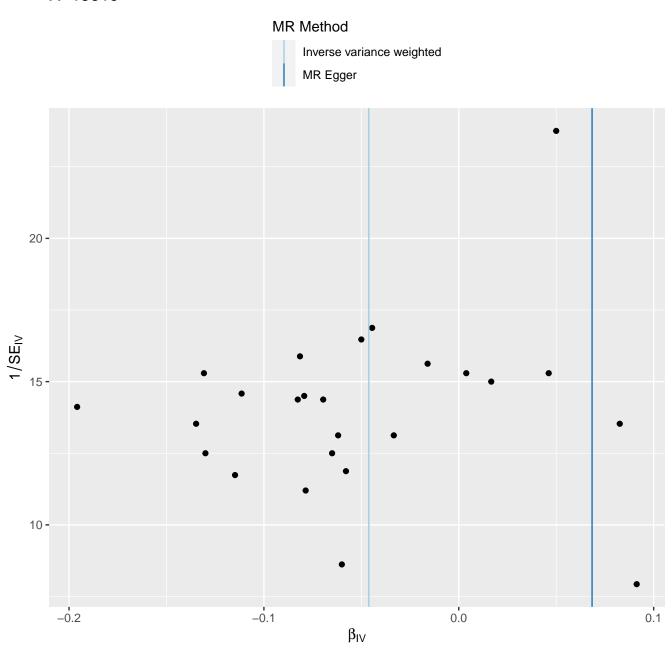


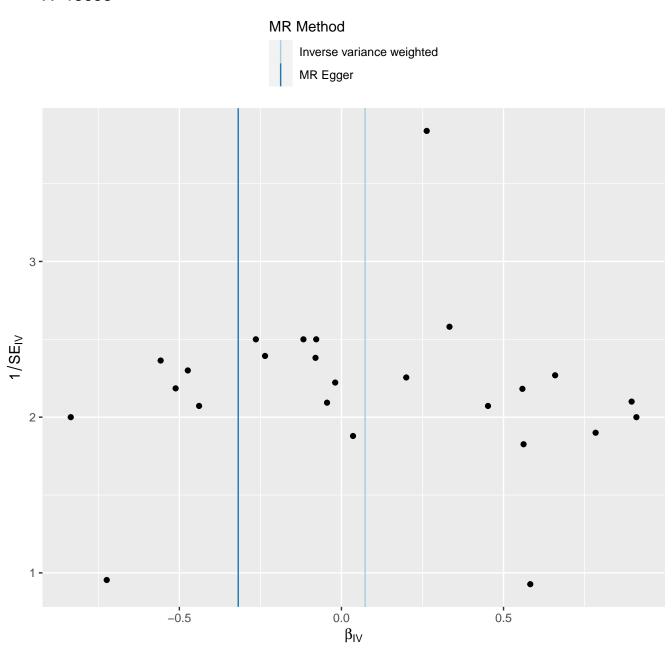


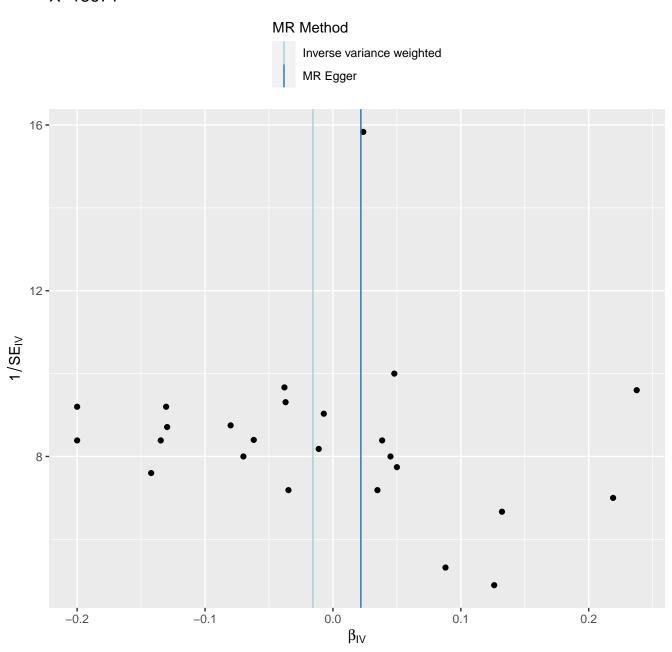


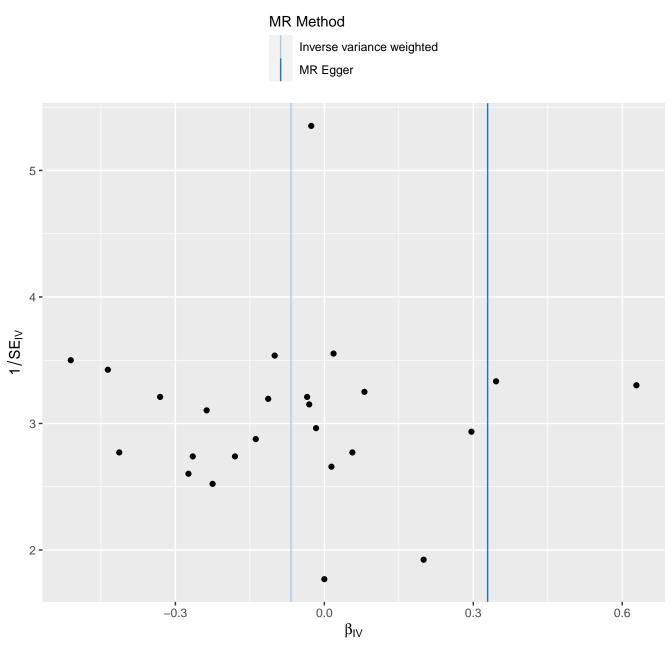


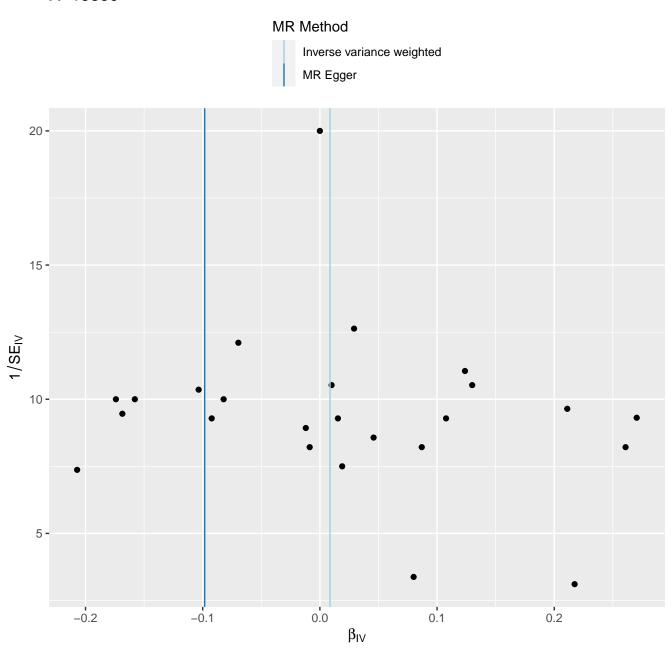


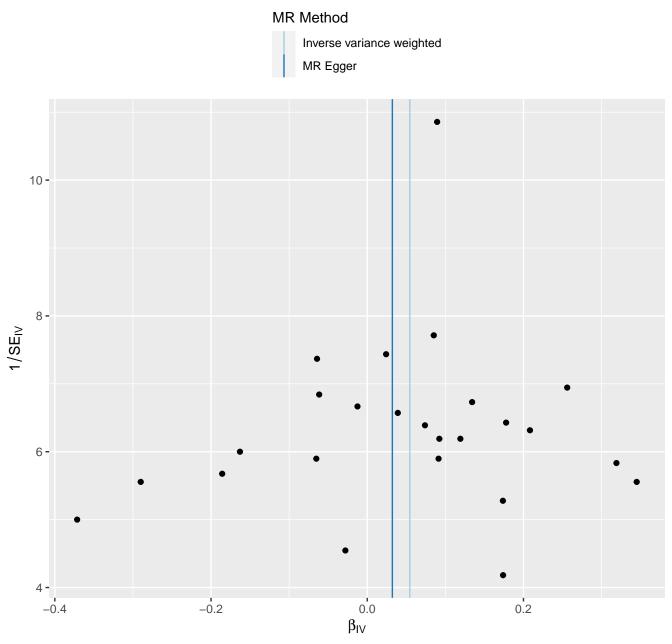


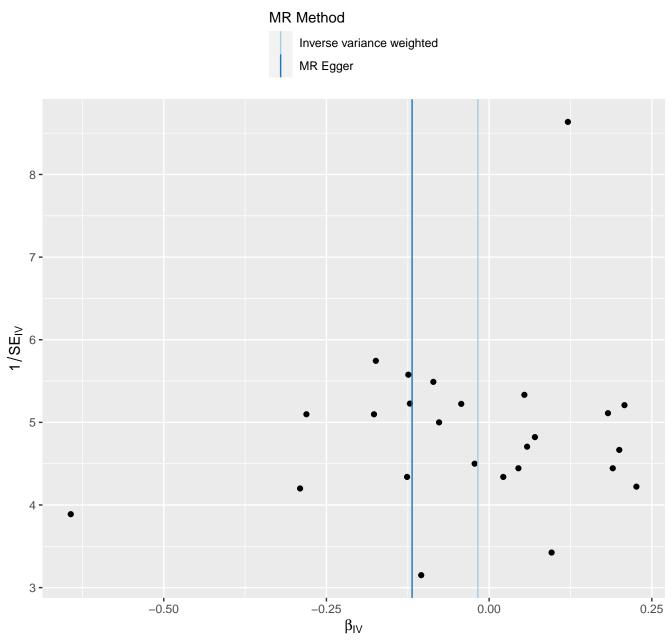


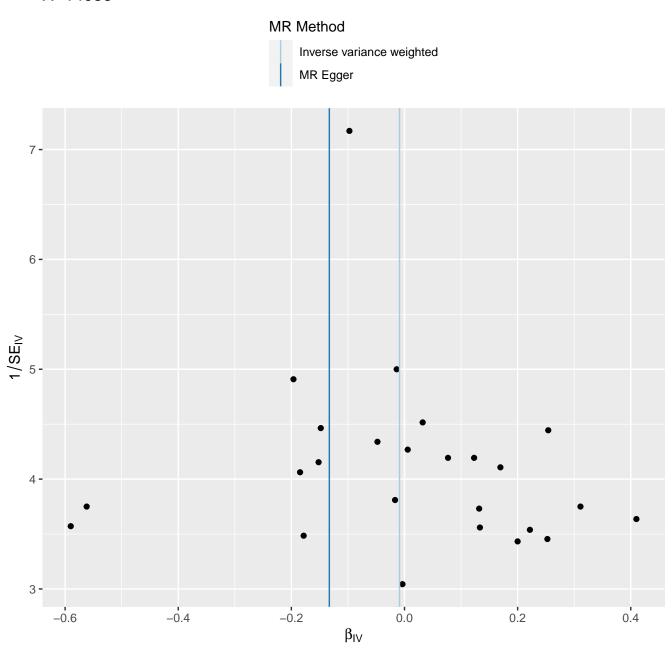




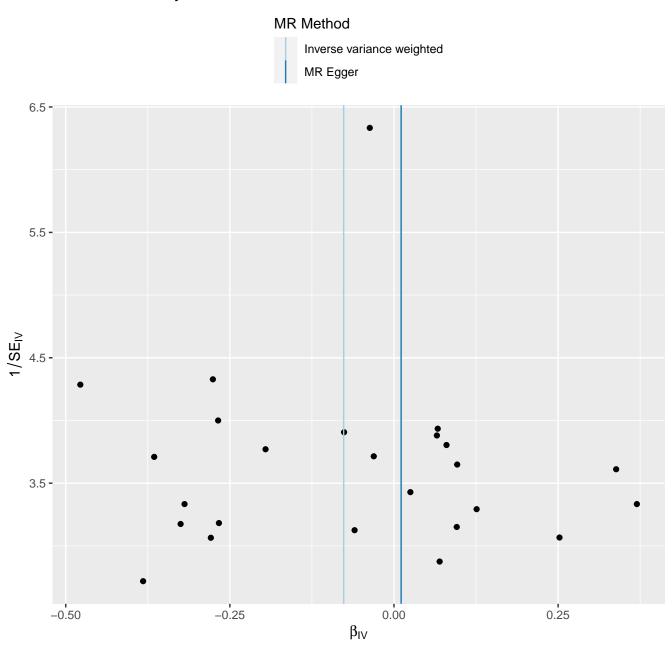




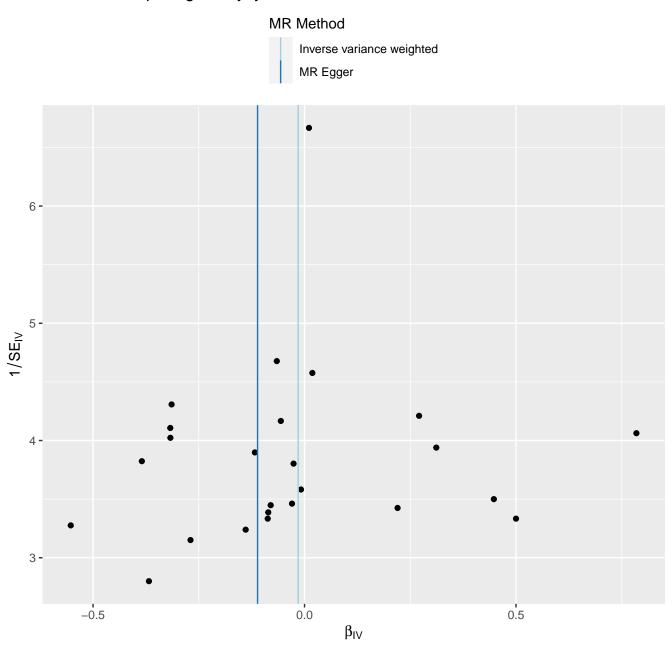




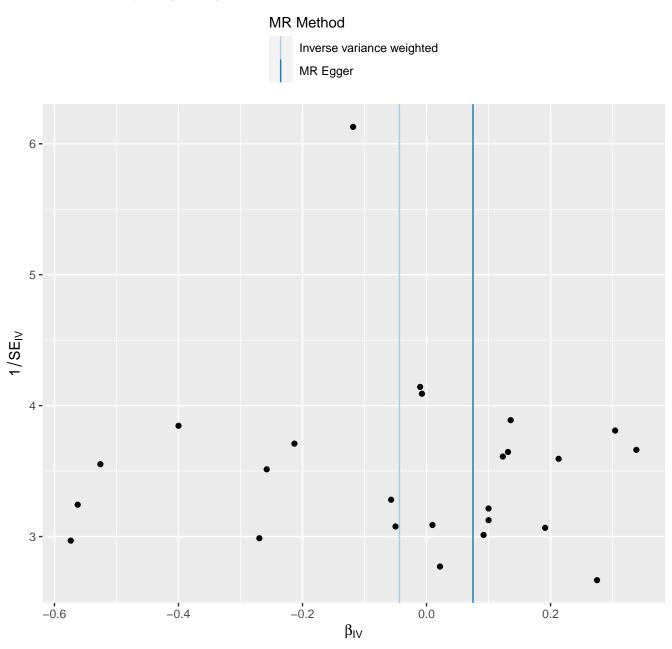
X-14189--leucylalanine



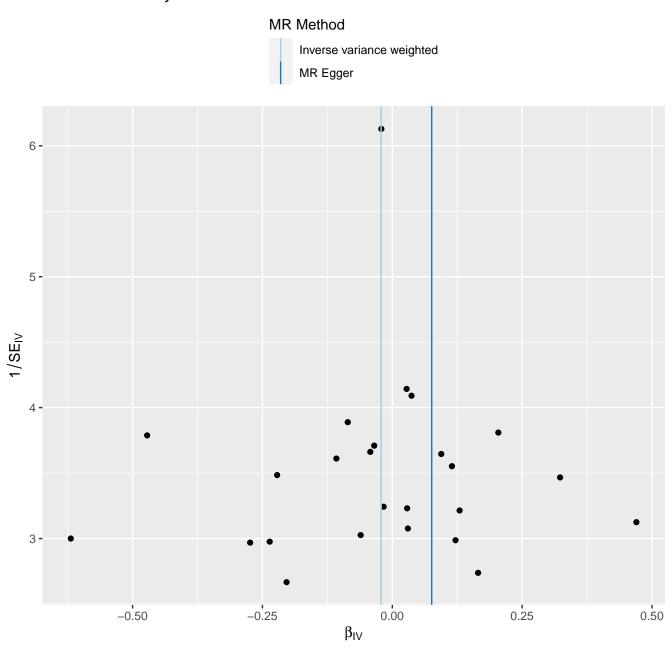
X-14205--alpha-glutamyltyrosine

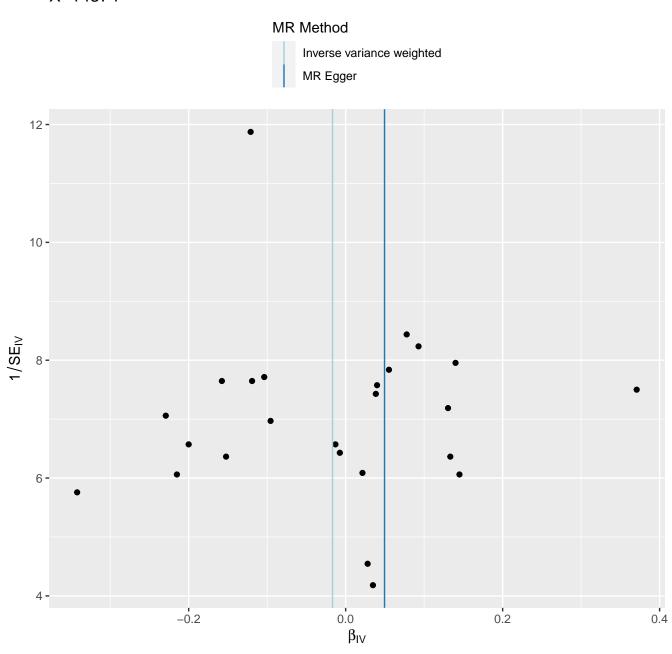


X-14208--phenylalanylserine

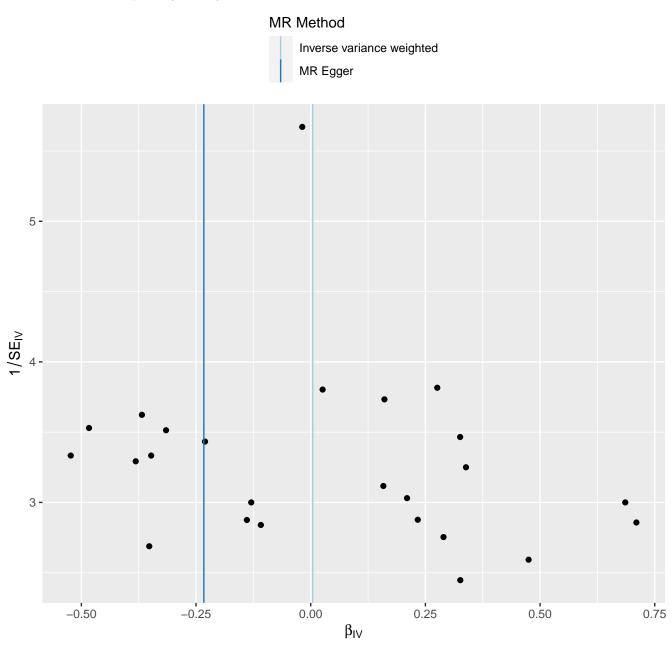


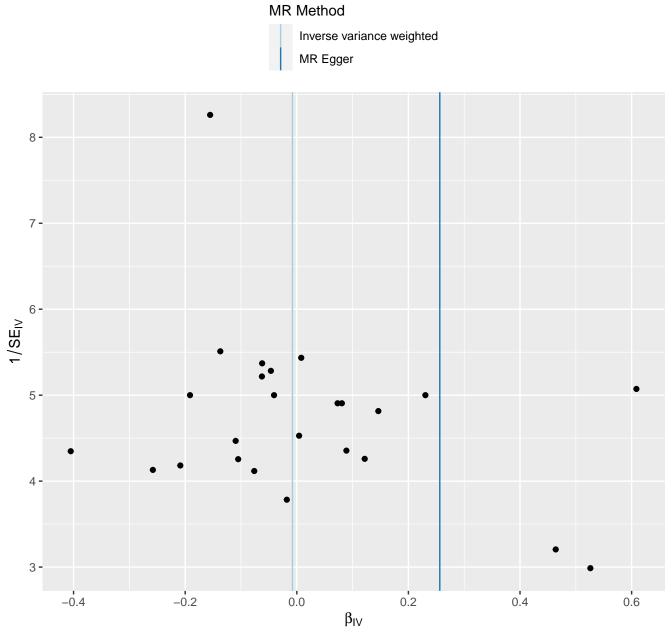
X-14304--leucylalanine

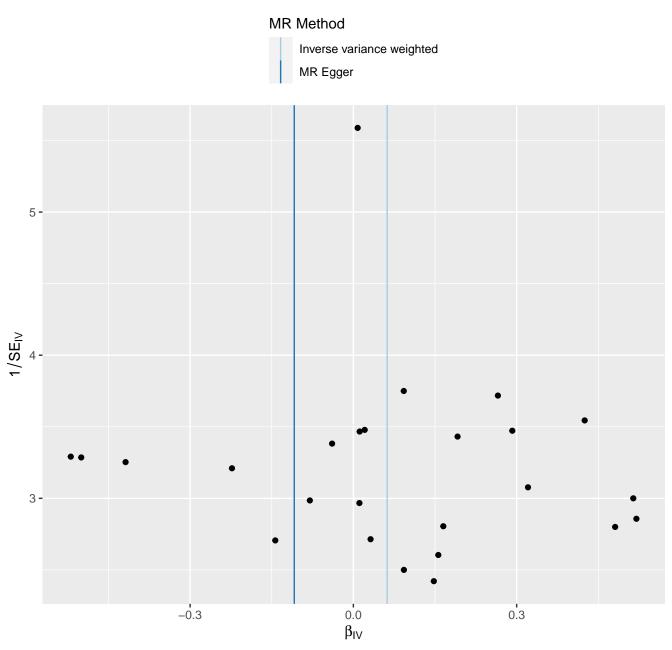


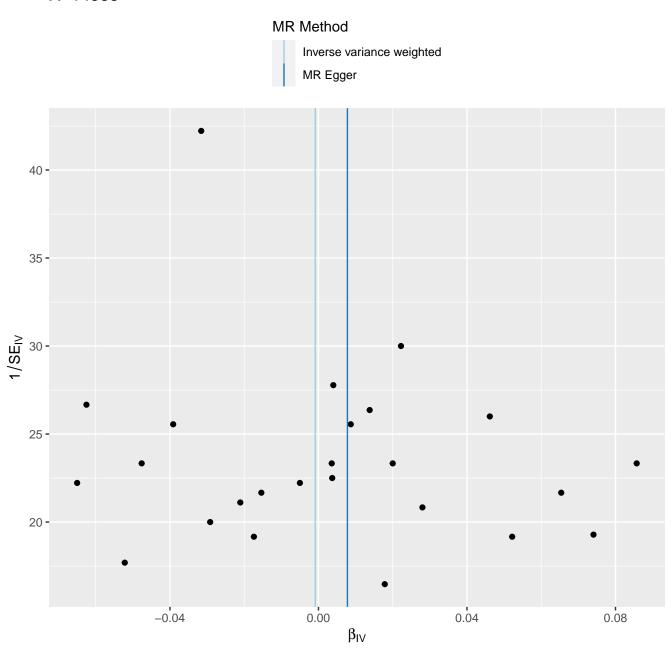


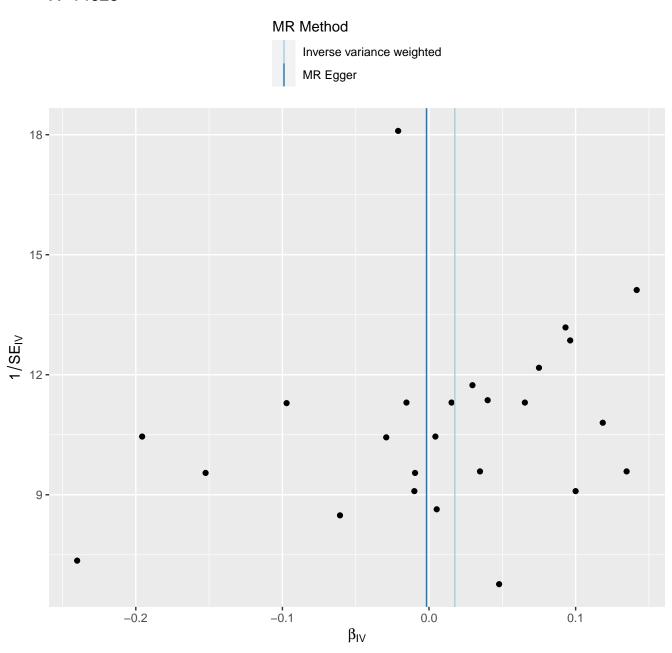
X-14450--phenylalanylleucine

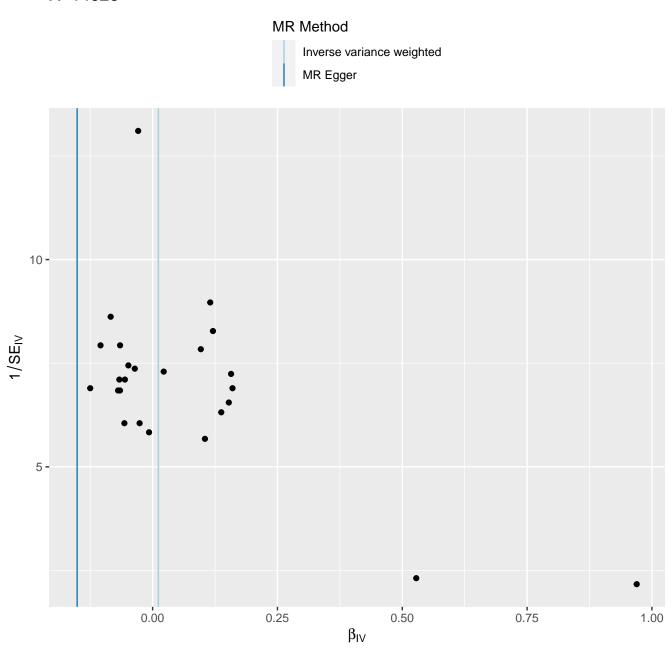


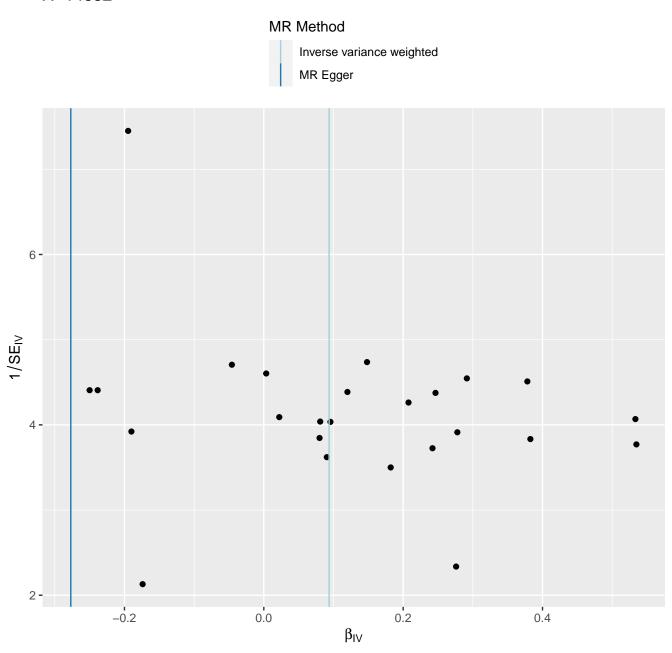


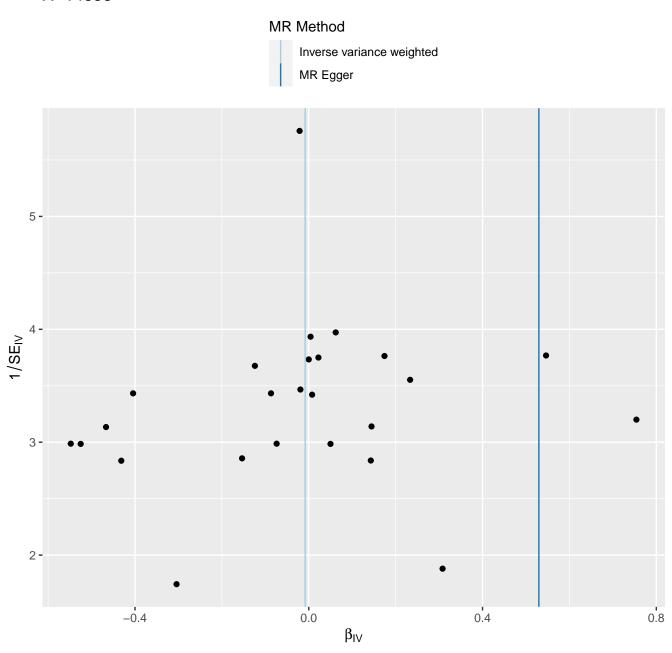


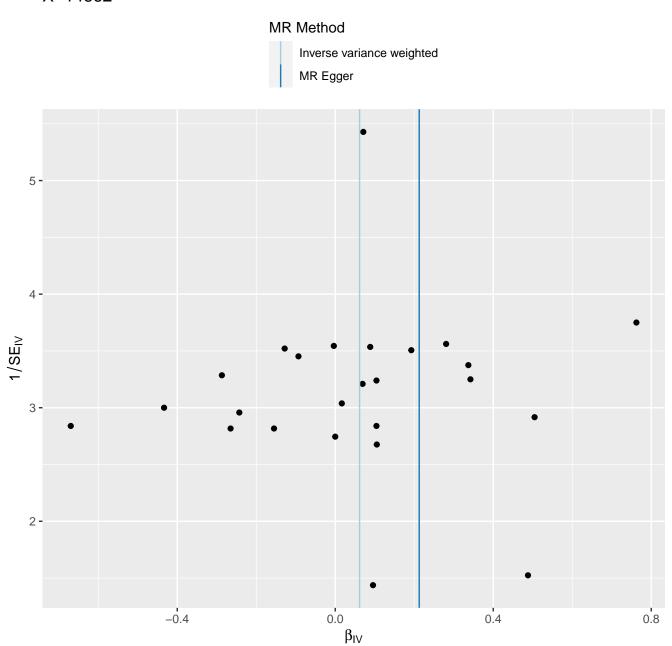


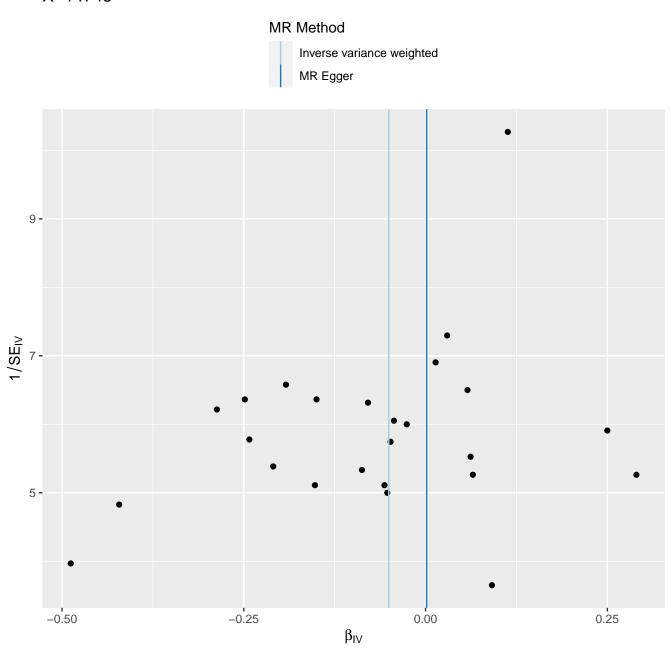




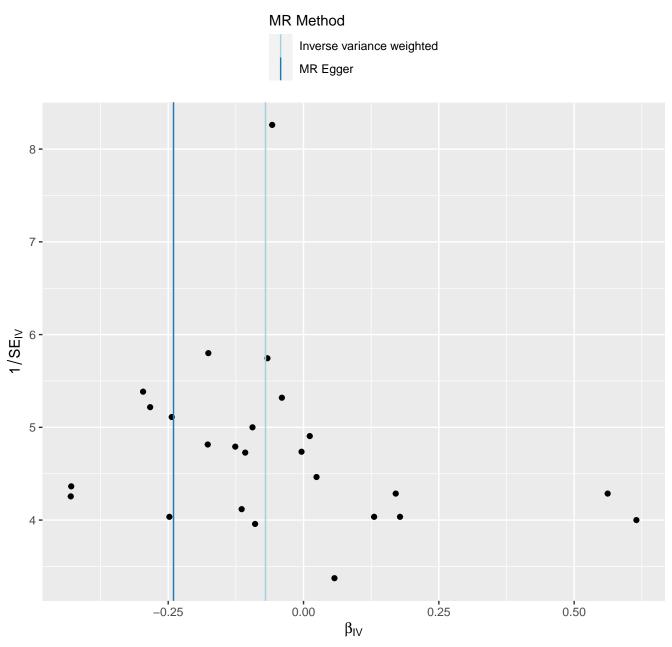


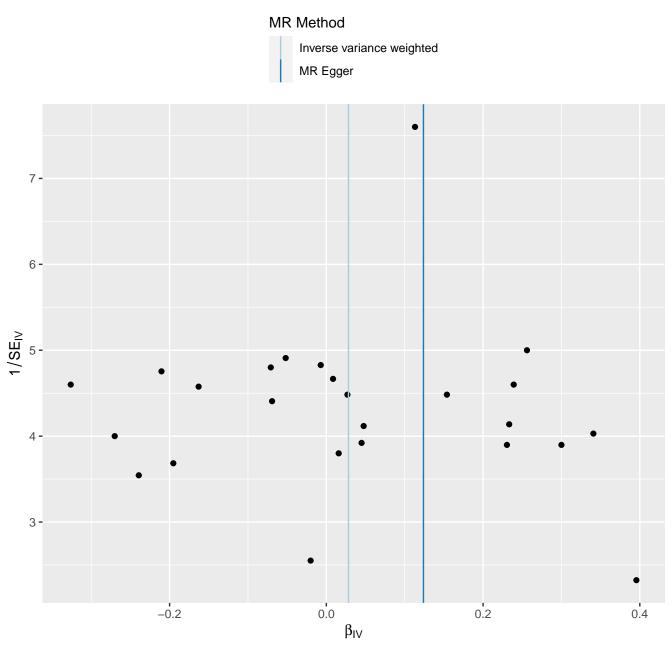






X-14977--vanillin





Xanthine

