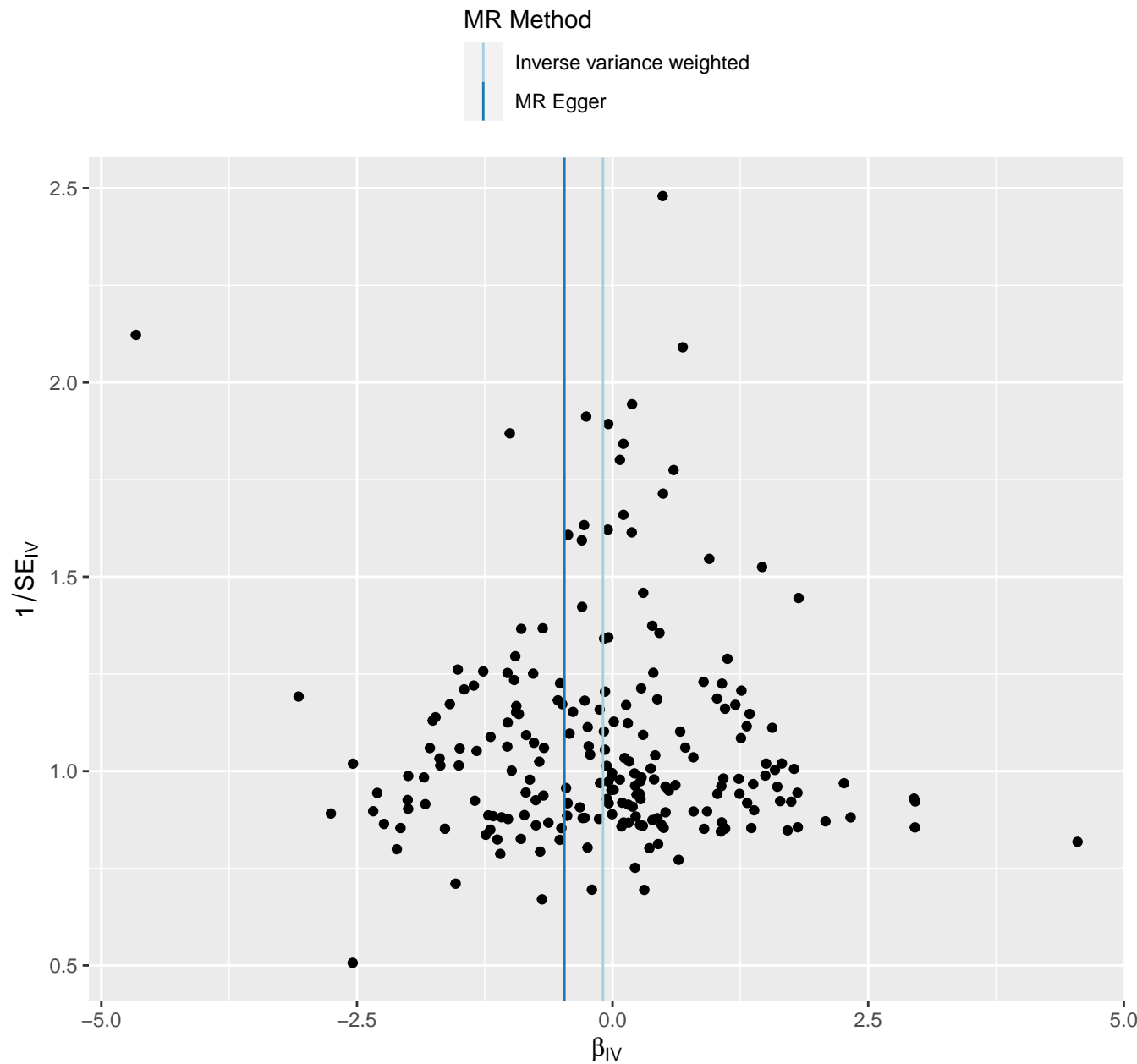


# 18:2, linoleic acid (LA)

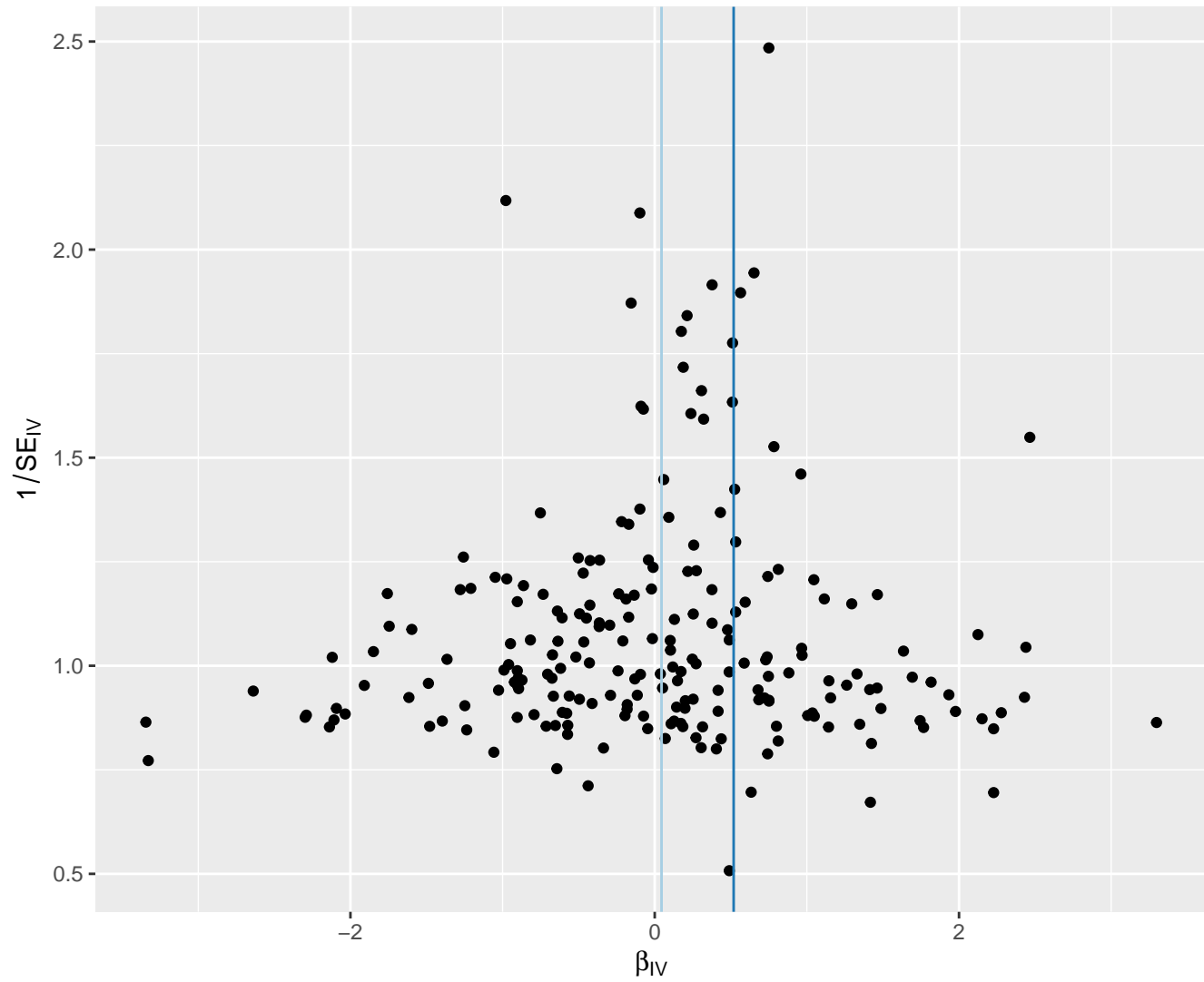


# 22:6, docosaehaenoic acid

MR Method

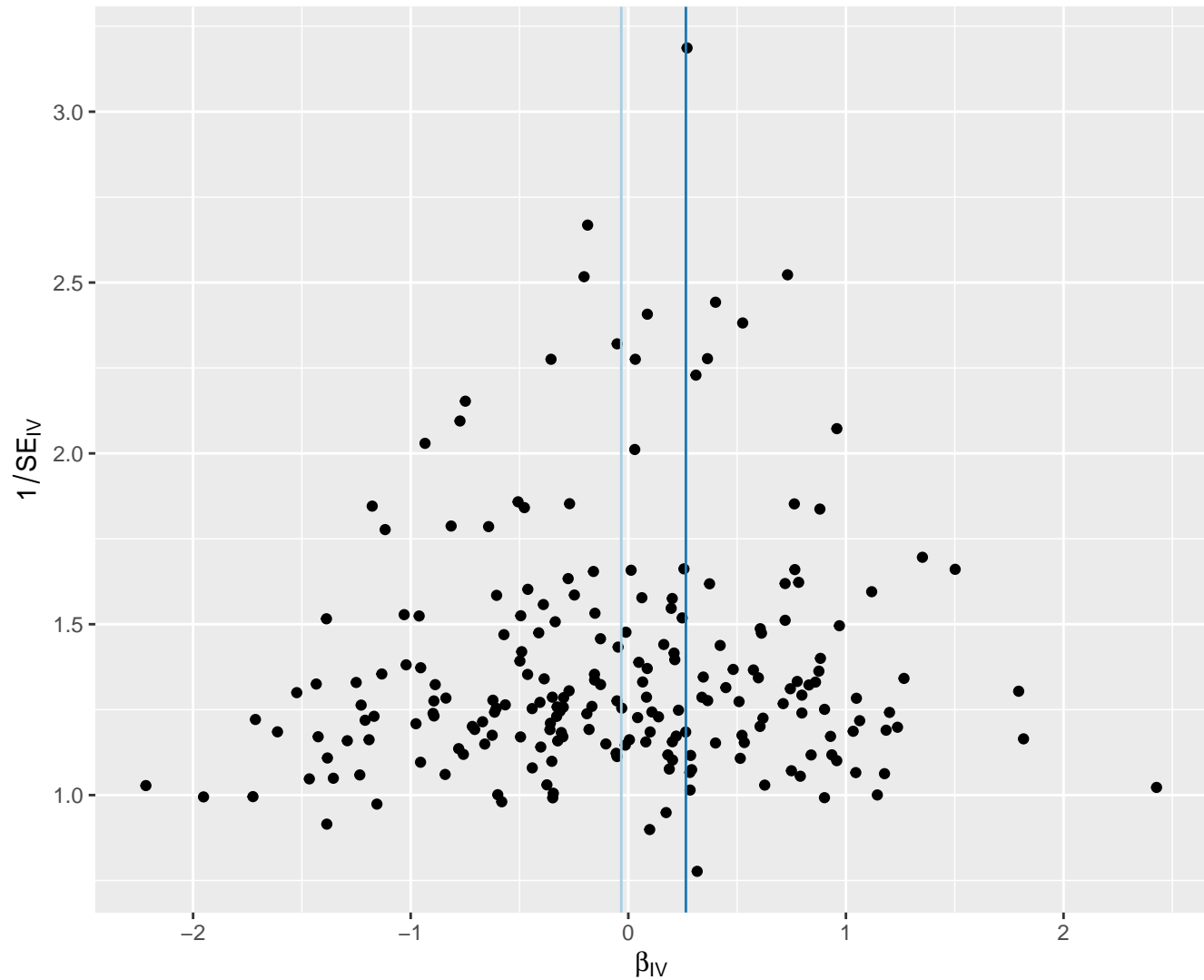
Inverse variance weighted

MR Egger



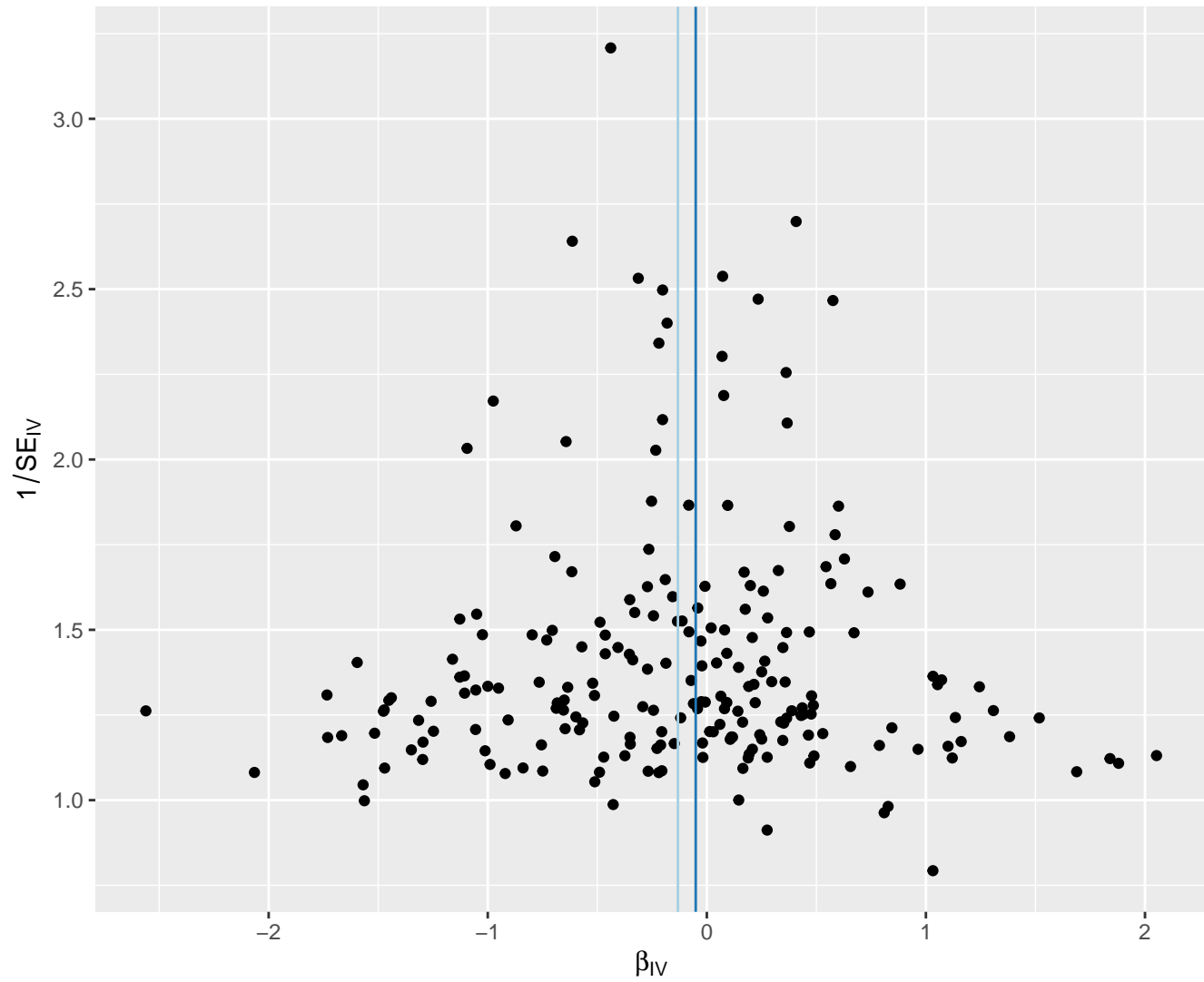
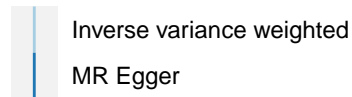
# 3-hydroxybutyrate

MR Method



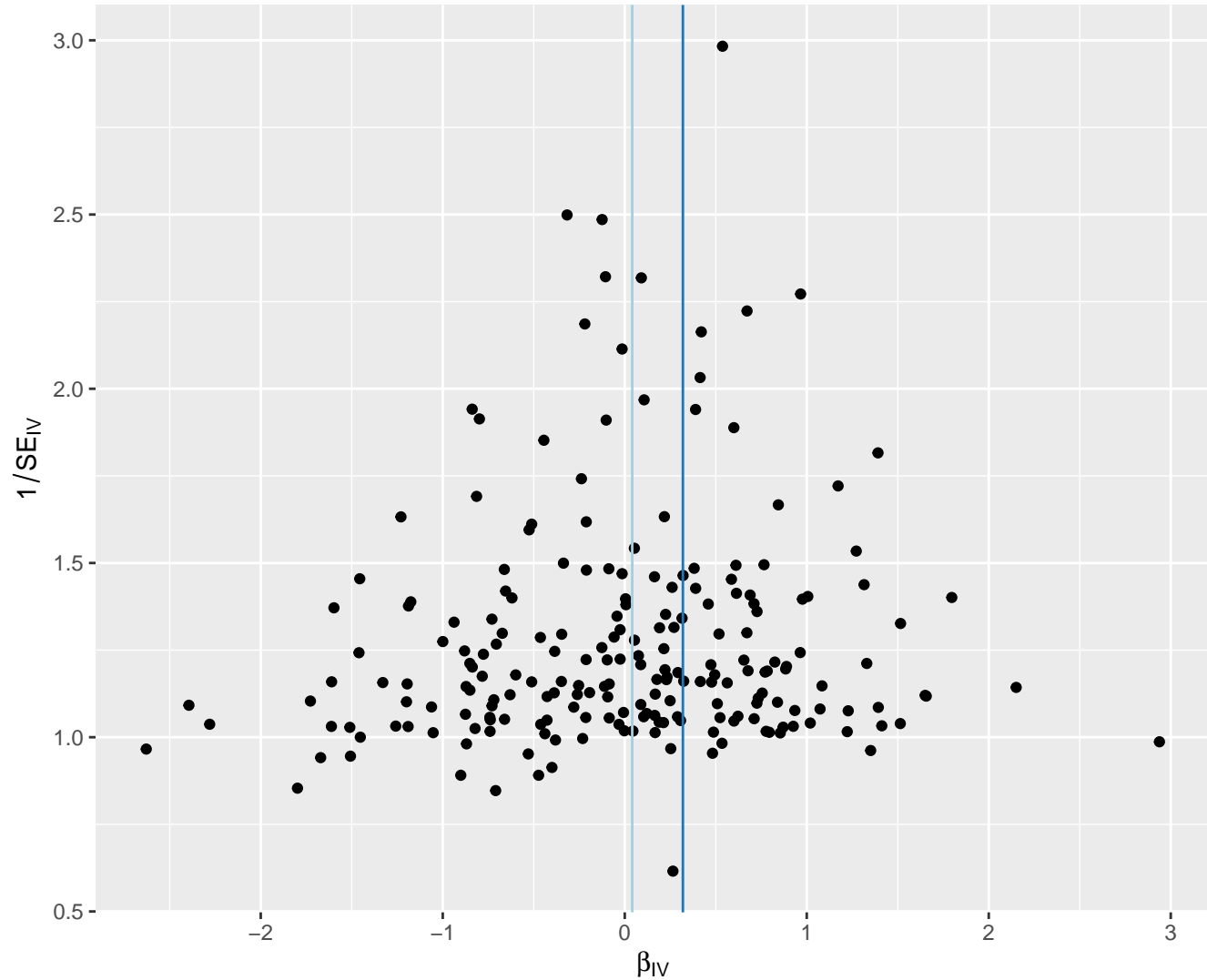
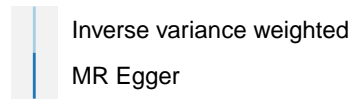
# Acetate

## MR Method



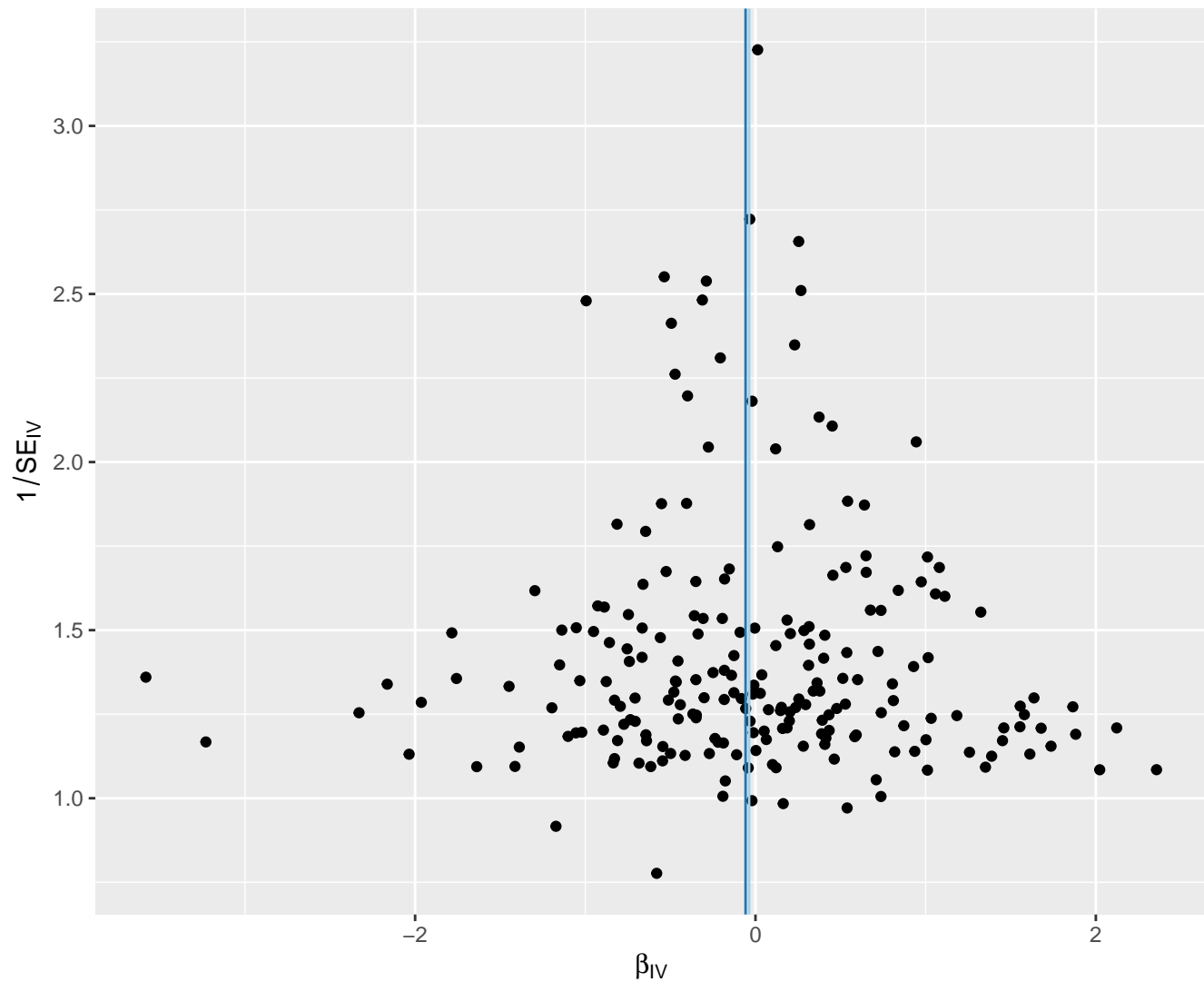
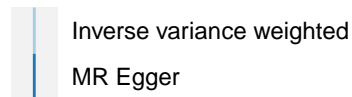
# Acetoacetate

## MR Method



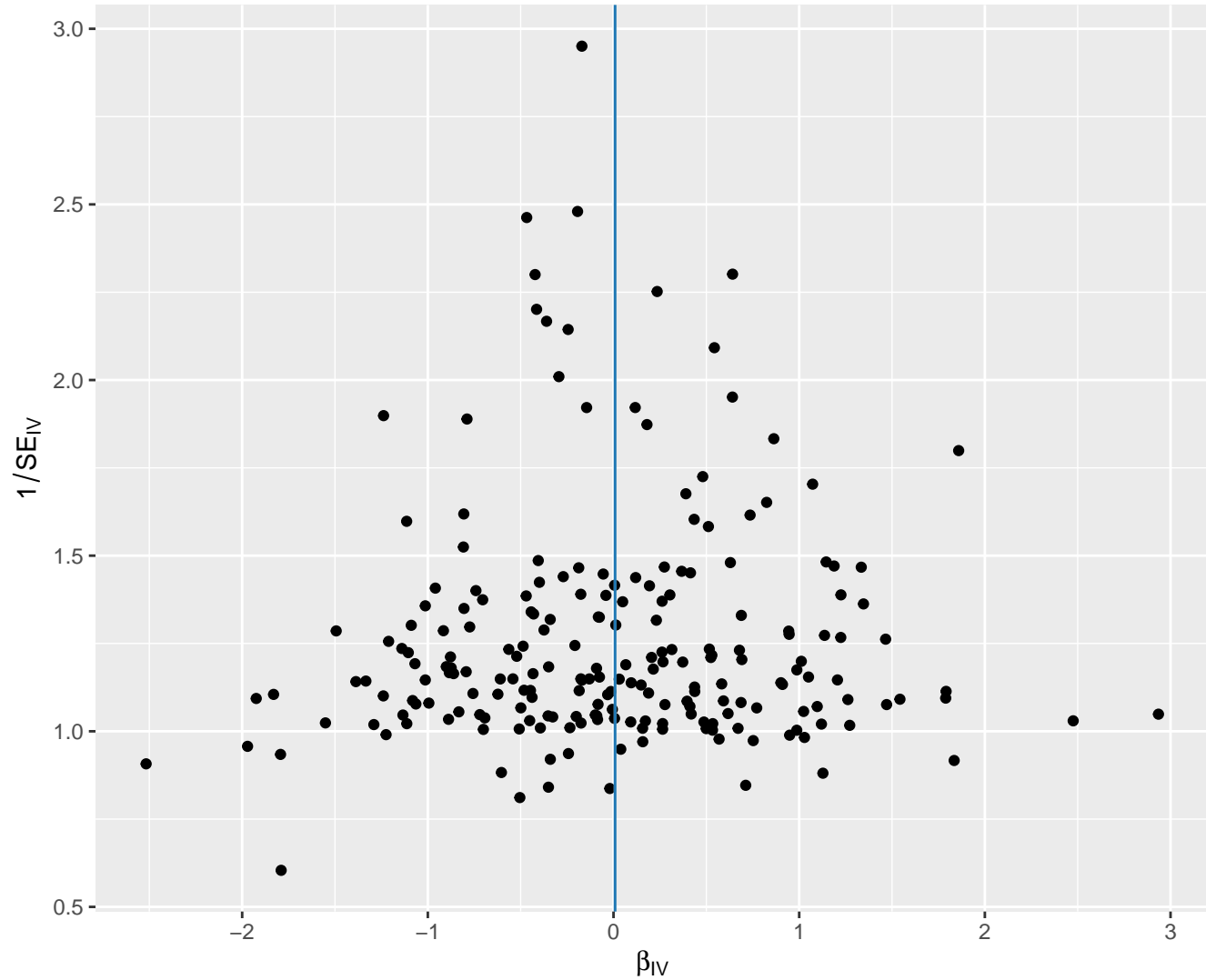
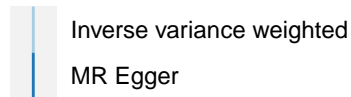
# Alanine

MR Method

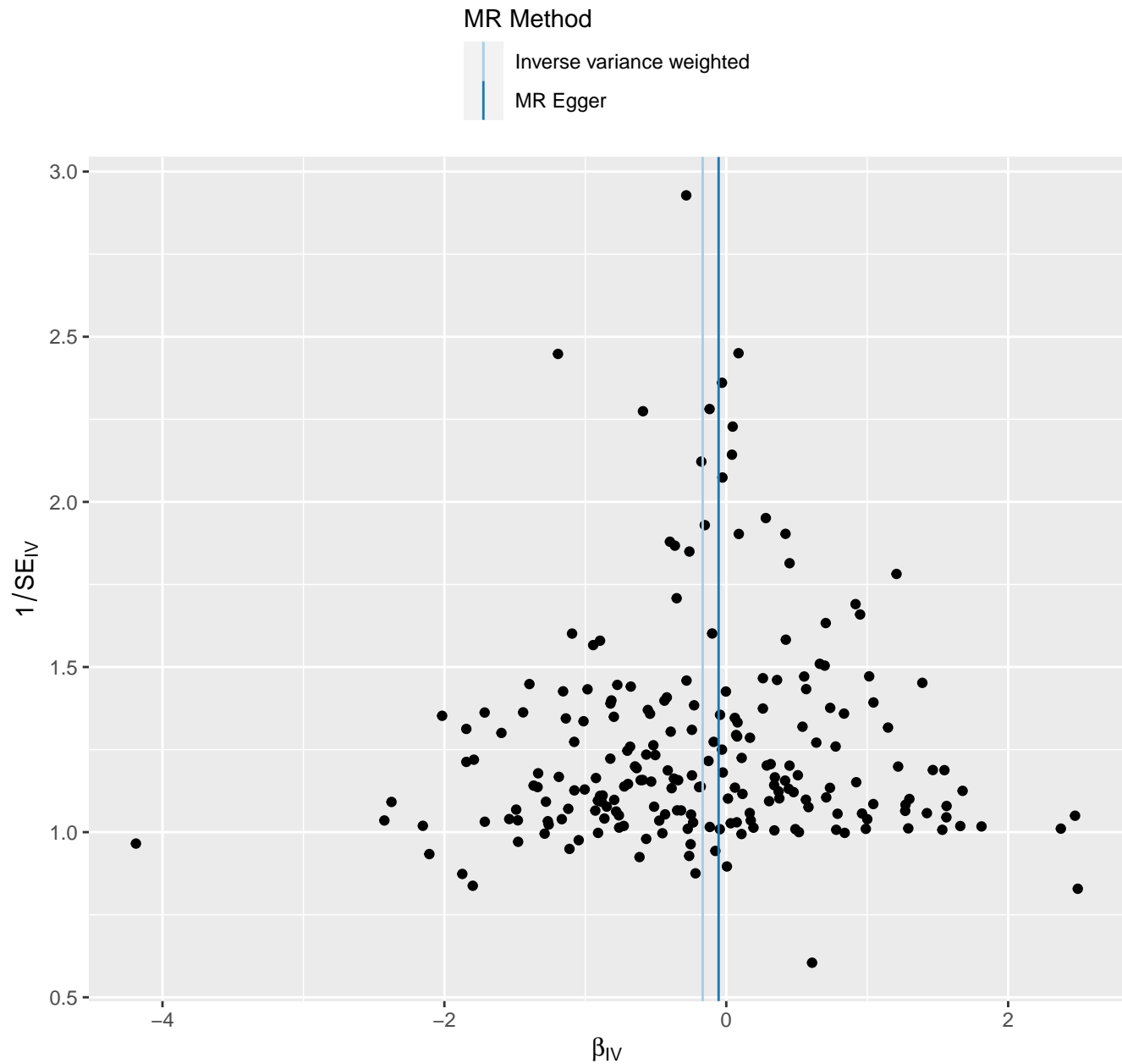


# Albumin

## MR Method



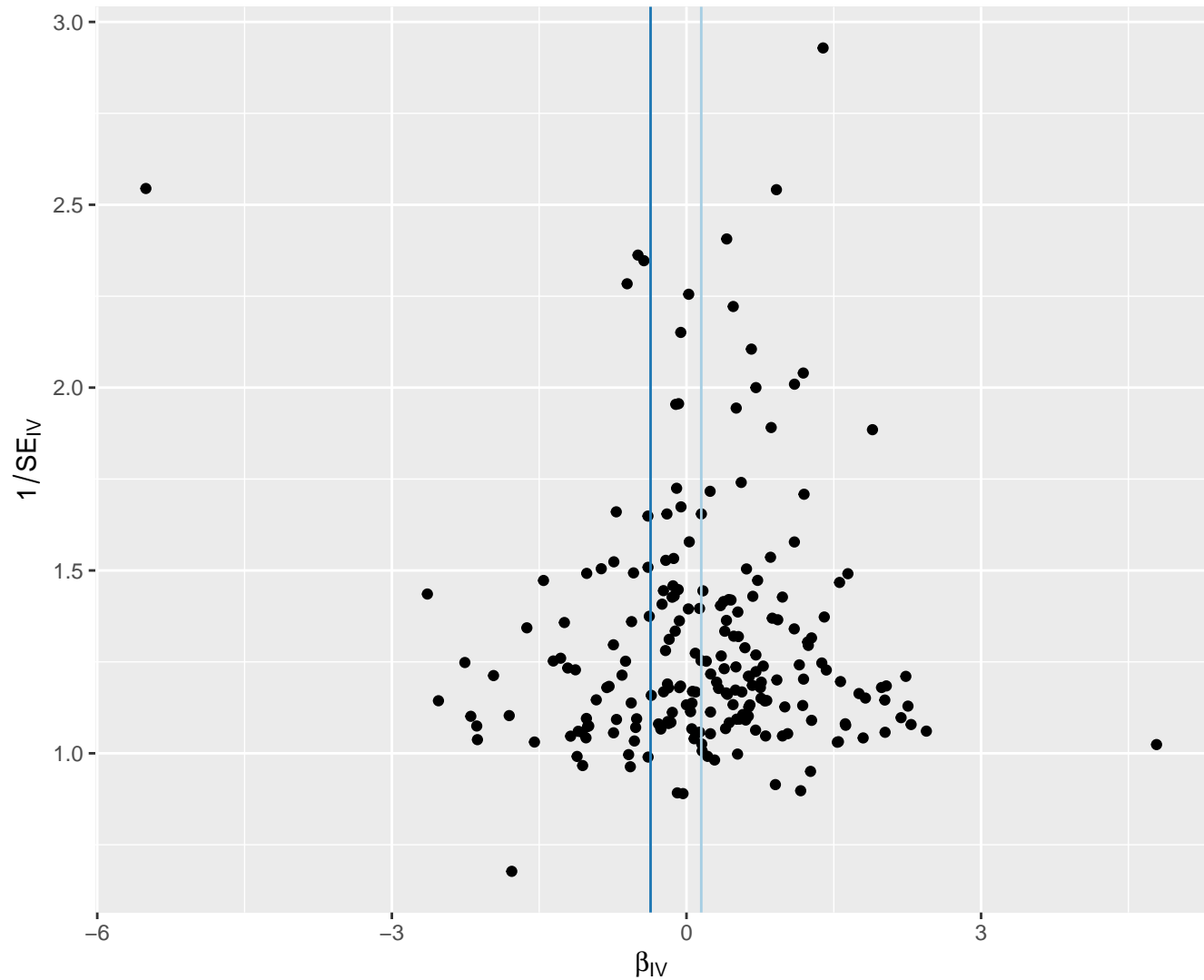
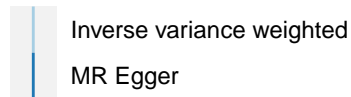
# Apolipoprotein A-I





# Apolipoprotein B

MR Method

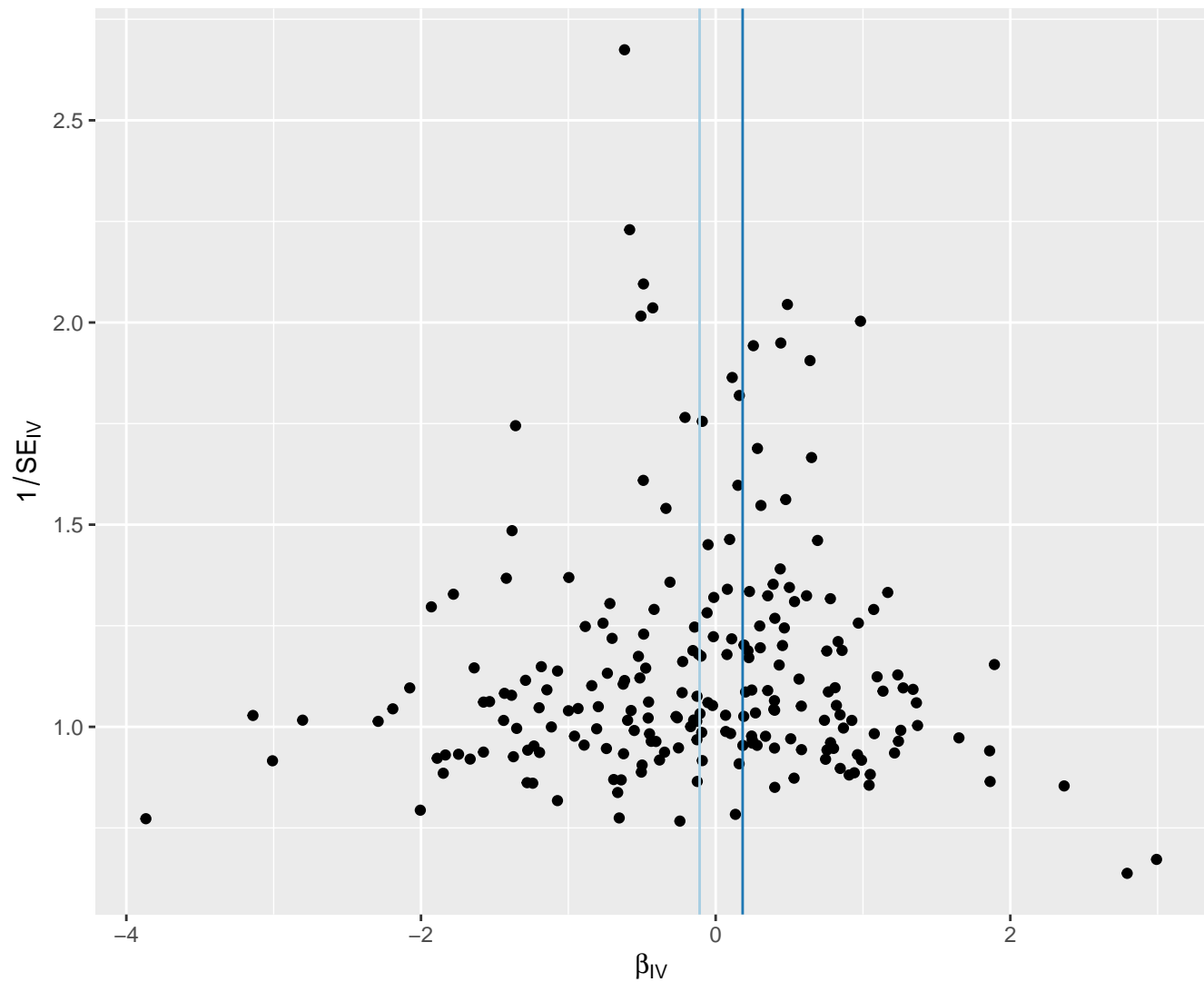


# Average number of double bonds in a fatty acid chain

MR Method

Inverse variance weighted

MR Egger

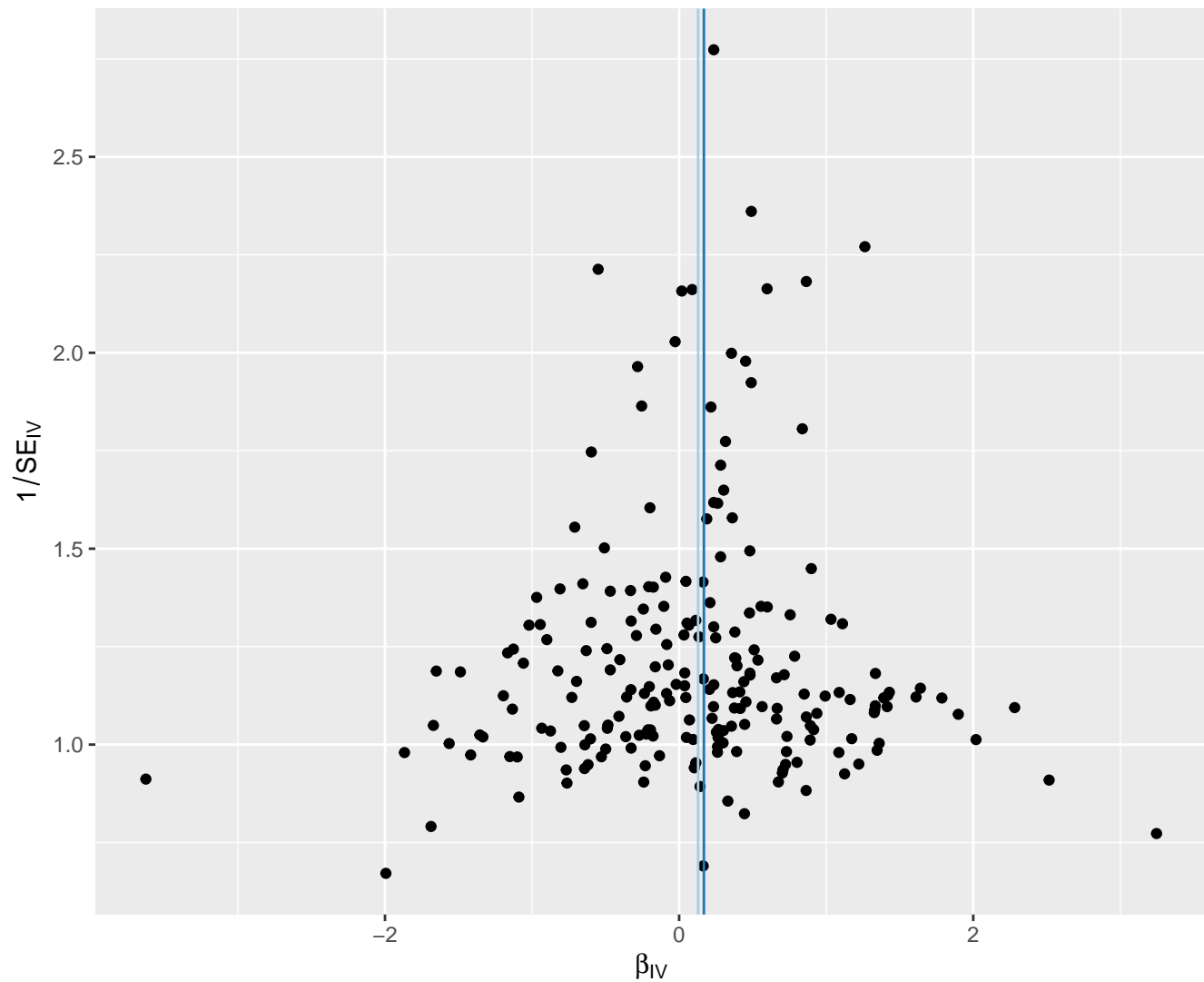


# Average number of methylene groups in a fatty acid chain

MR Method

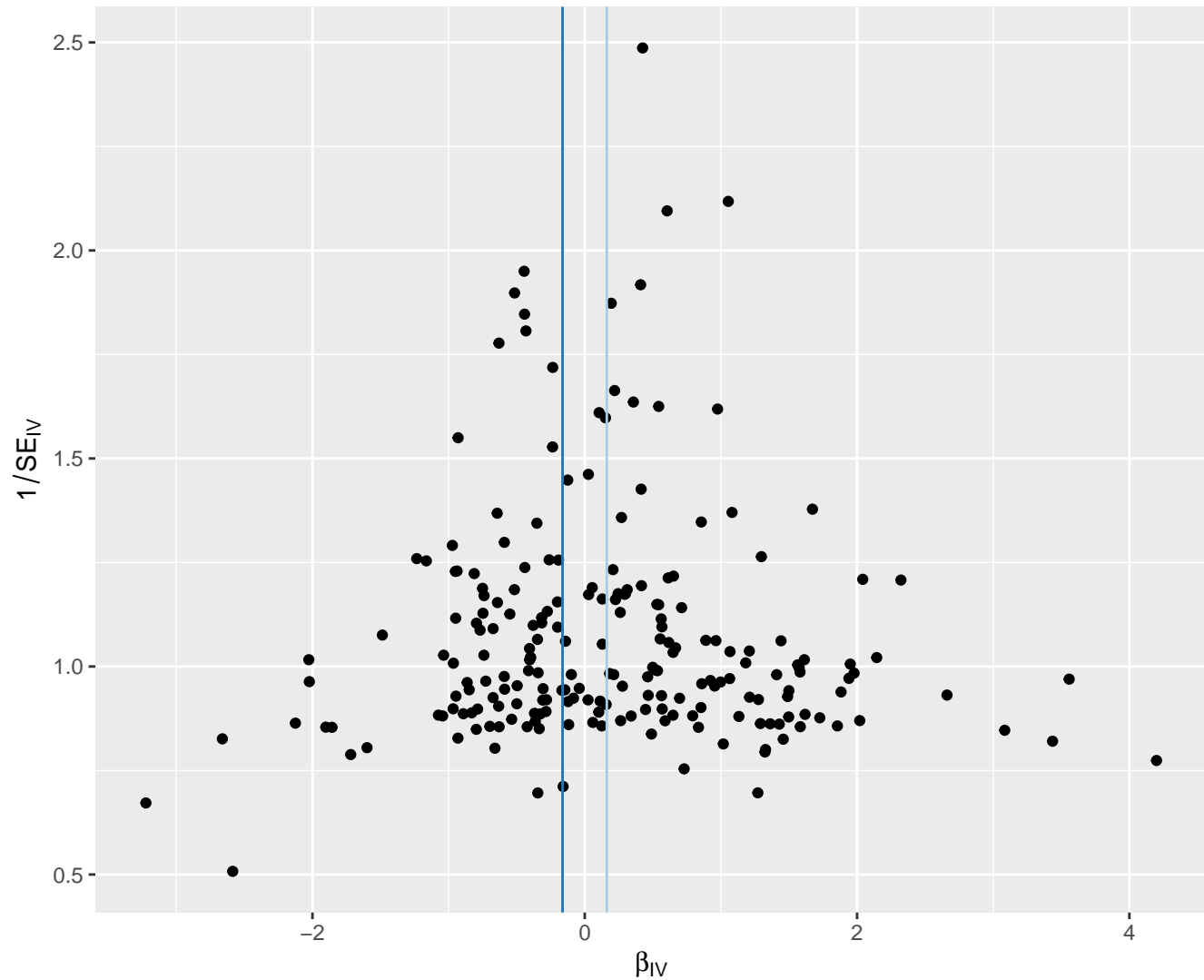
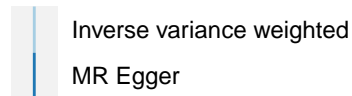
Inverse variance weighted

MR Egger



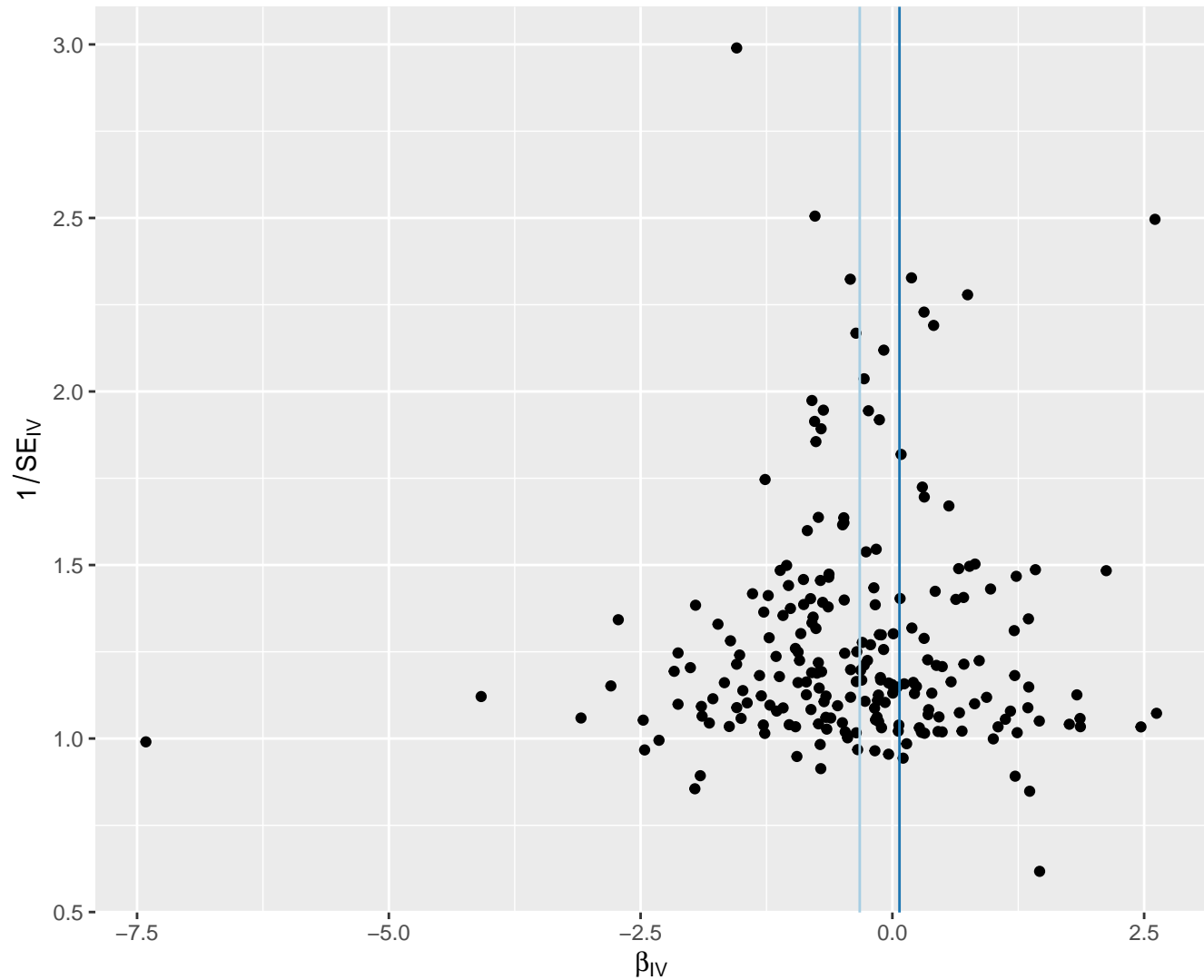
# Average number of methylene groups per double bond

MR Method



# Cholesterol esters in large HDL

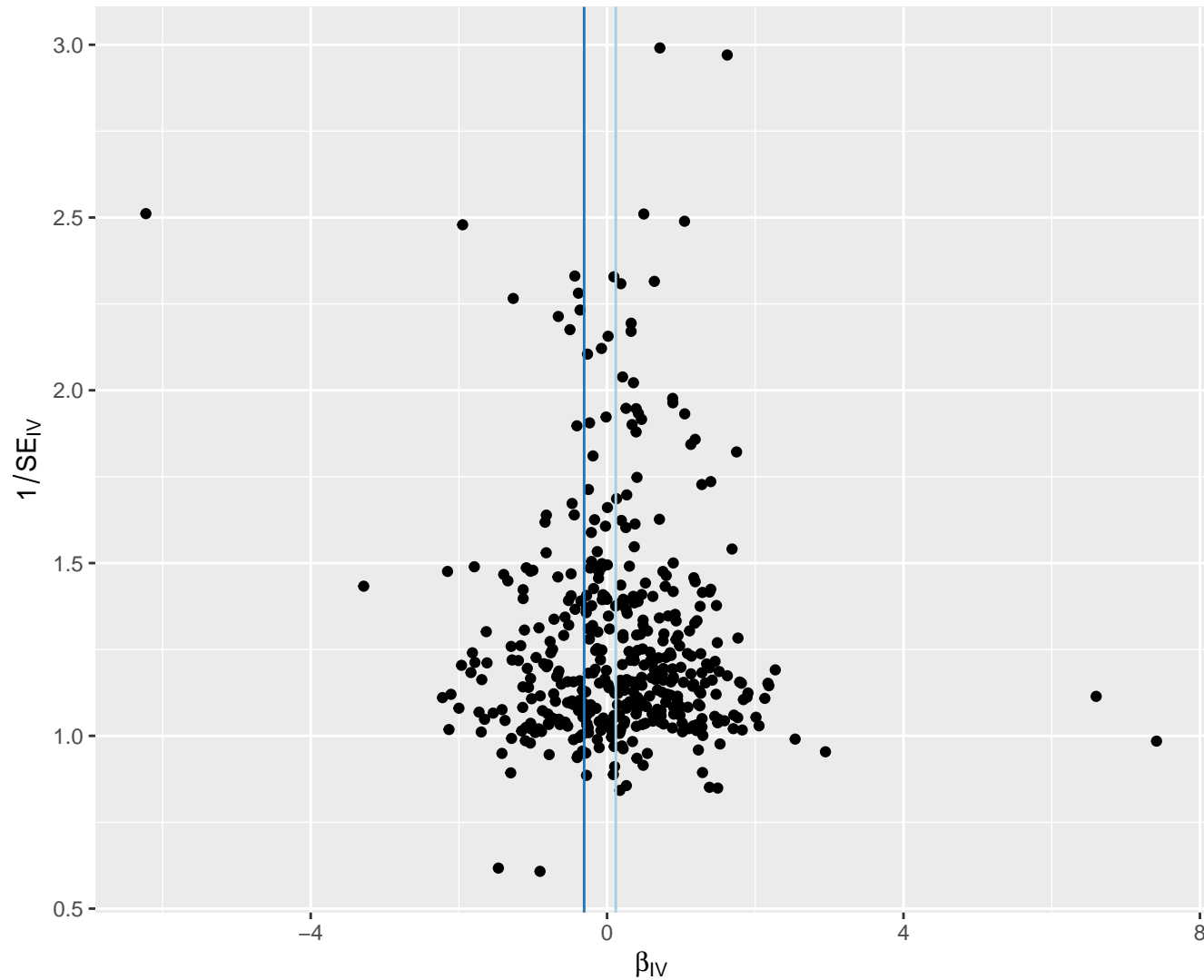
MR Method



# Cholesterol esters in large VLDL

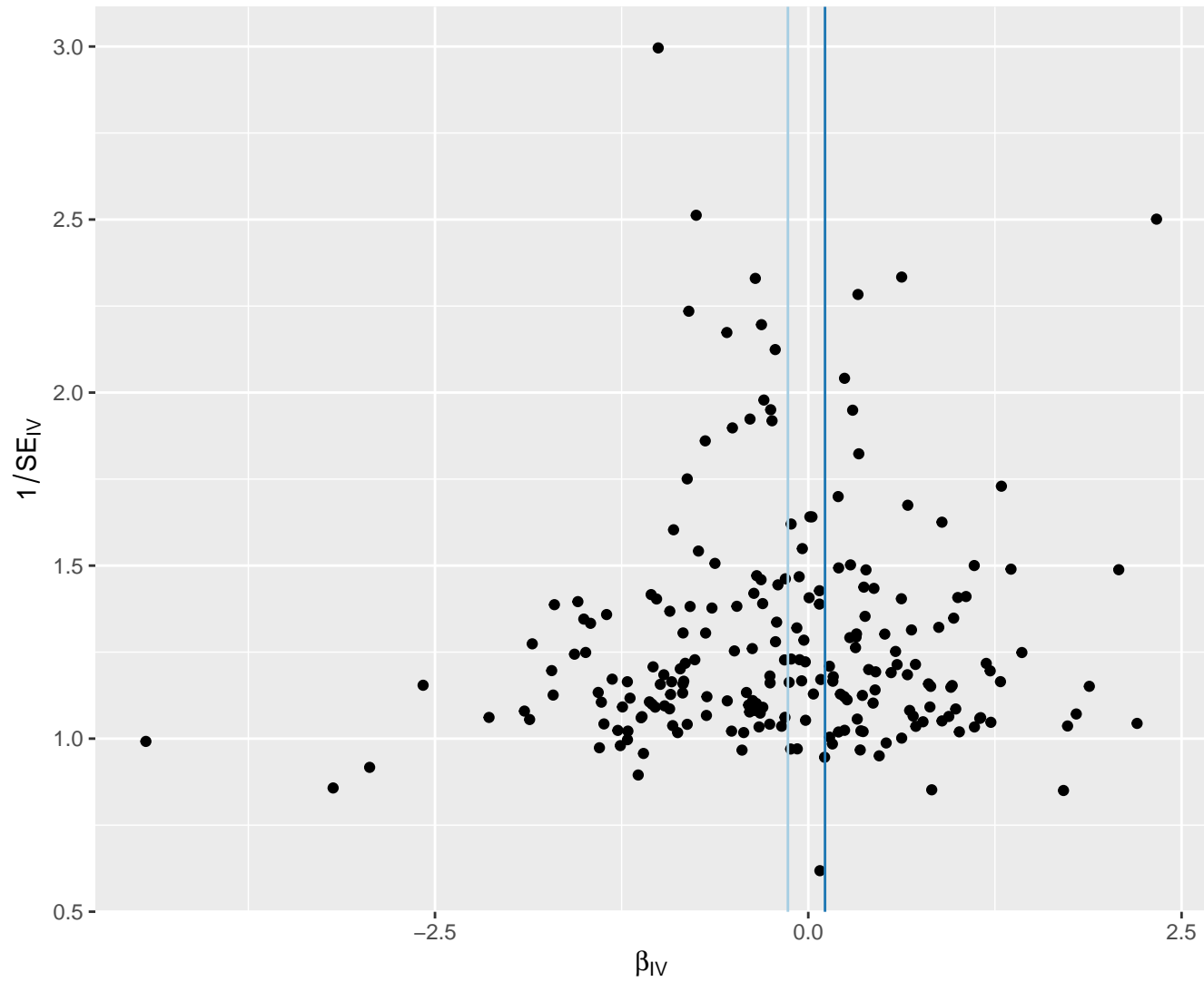
MR Method

Inverse variance weighted  
MR Egger



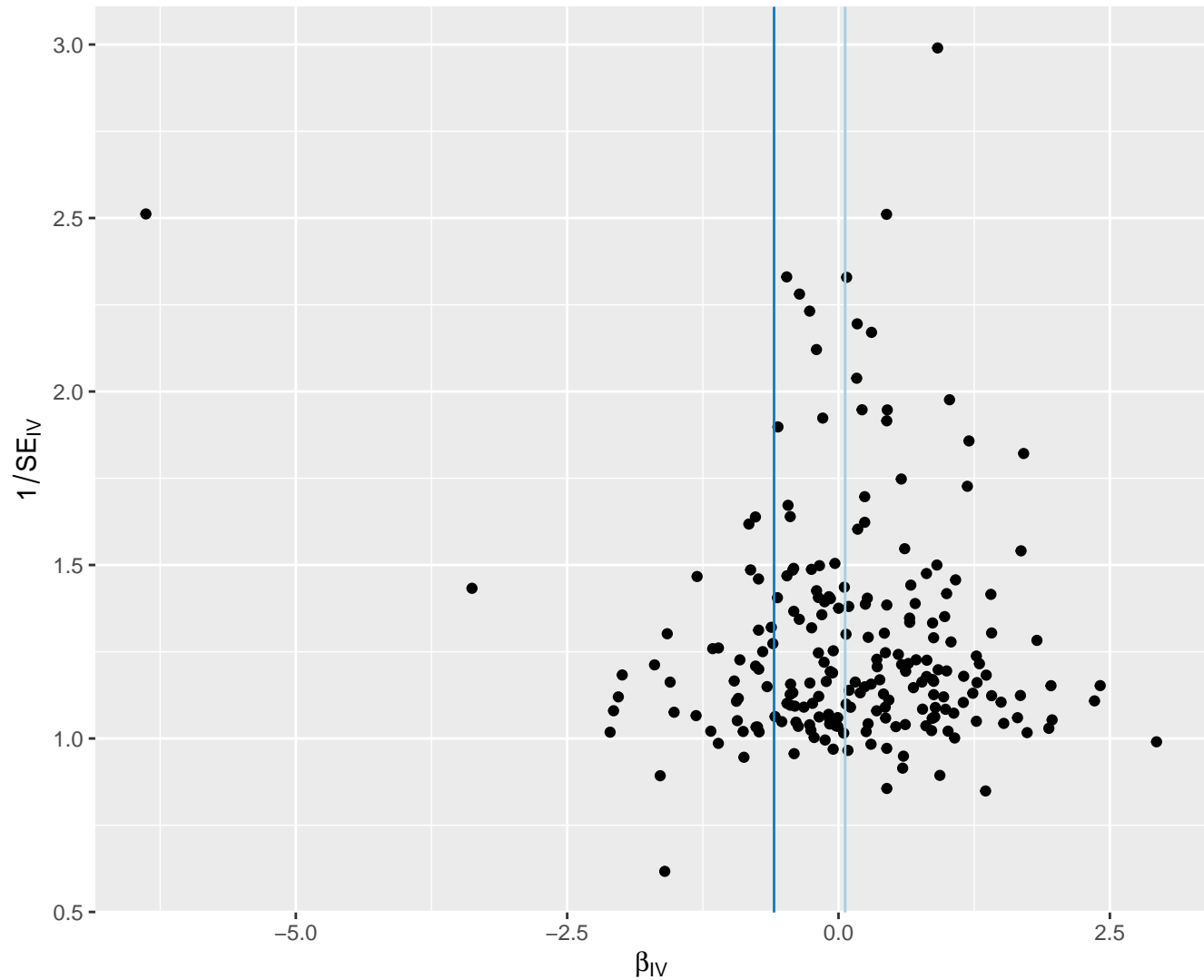
# Cholesterol esters in medium HDL

MR Method



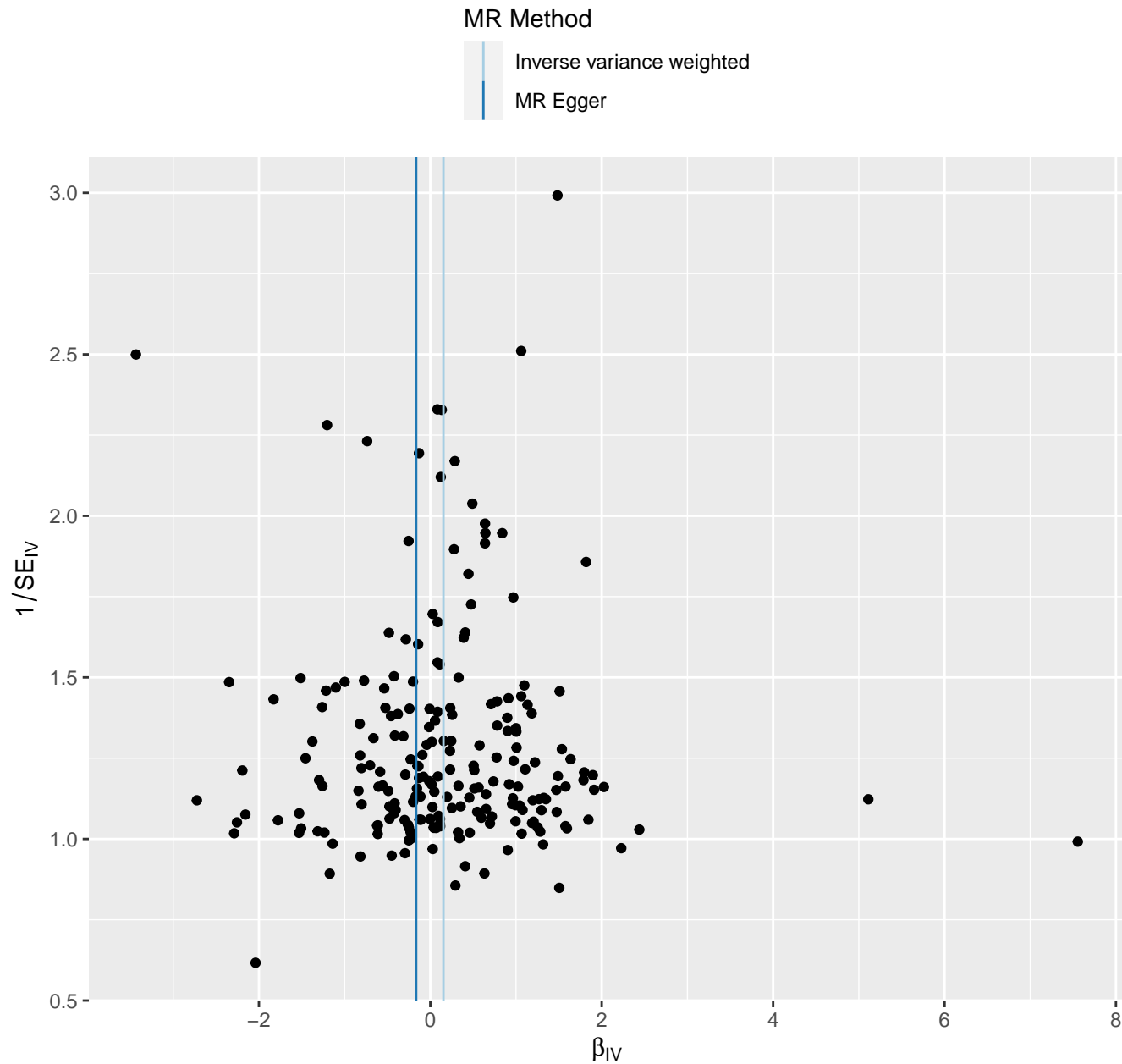
# Cholesterol esters in medium LDL

MR Method



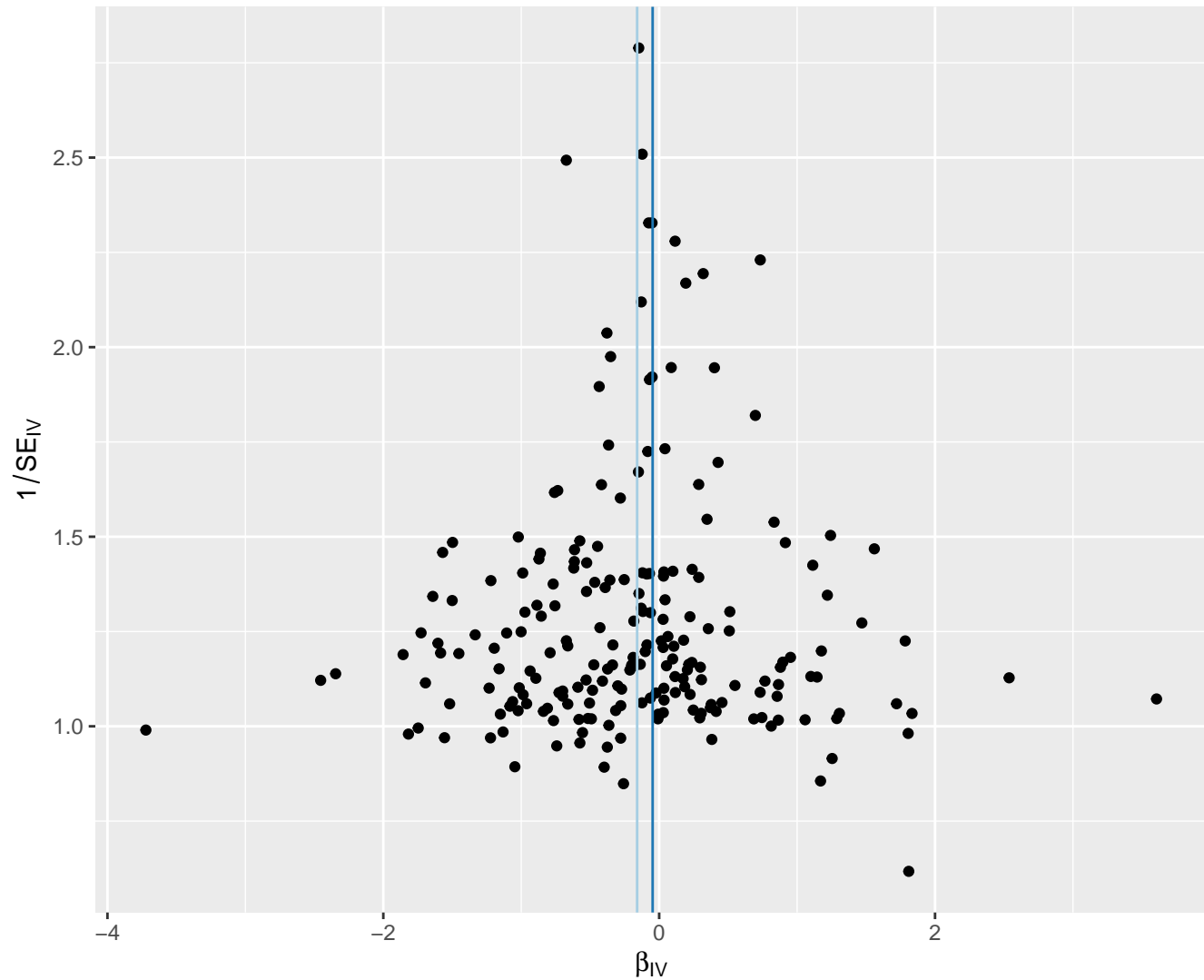
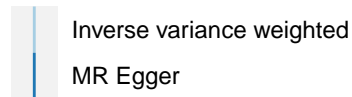


# Cholesterol esters in medium VLDL



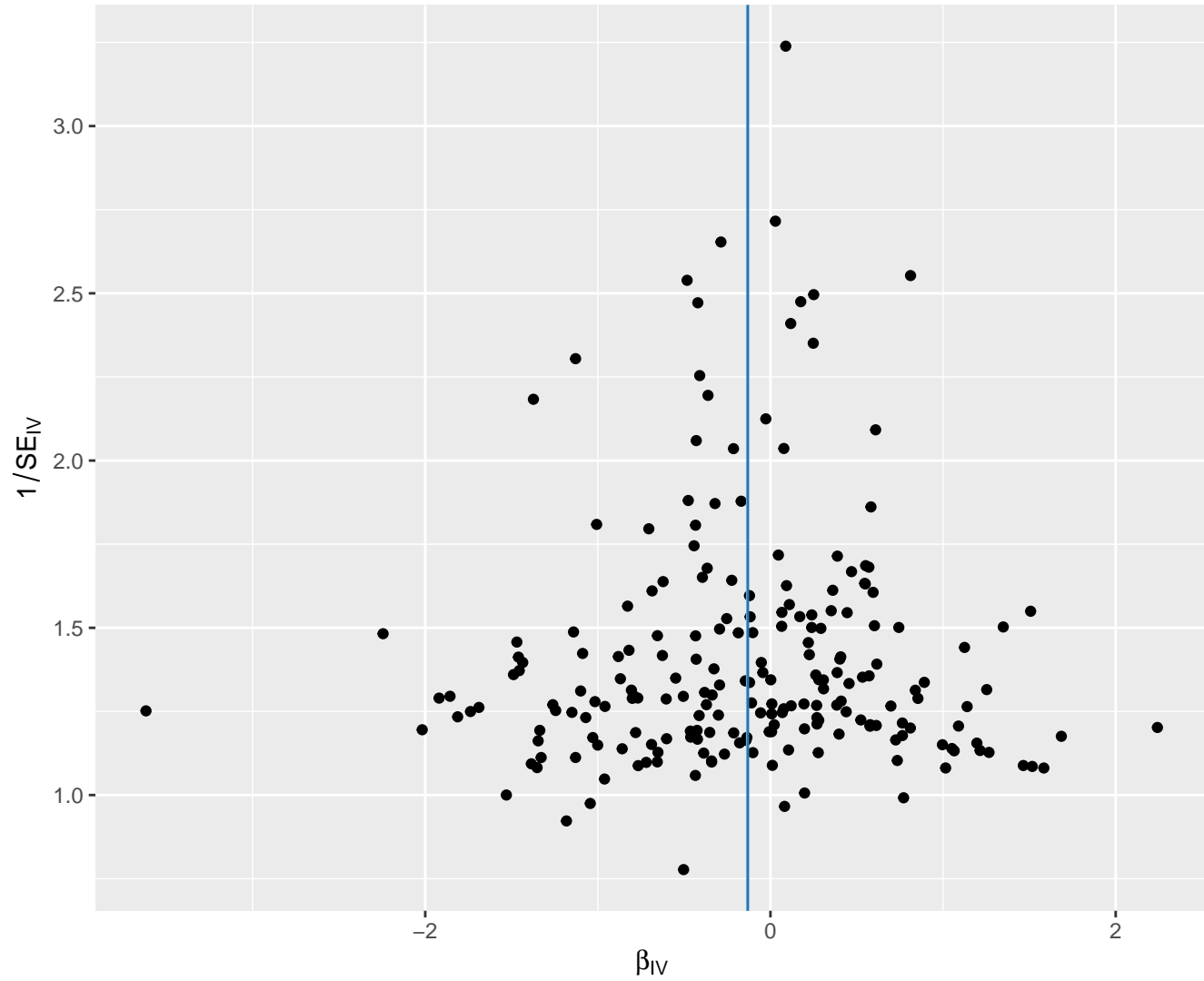
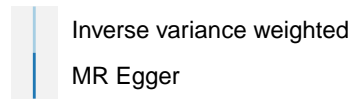
# Cholesterol esters in very large HDL

MR Method

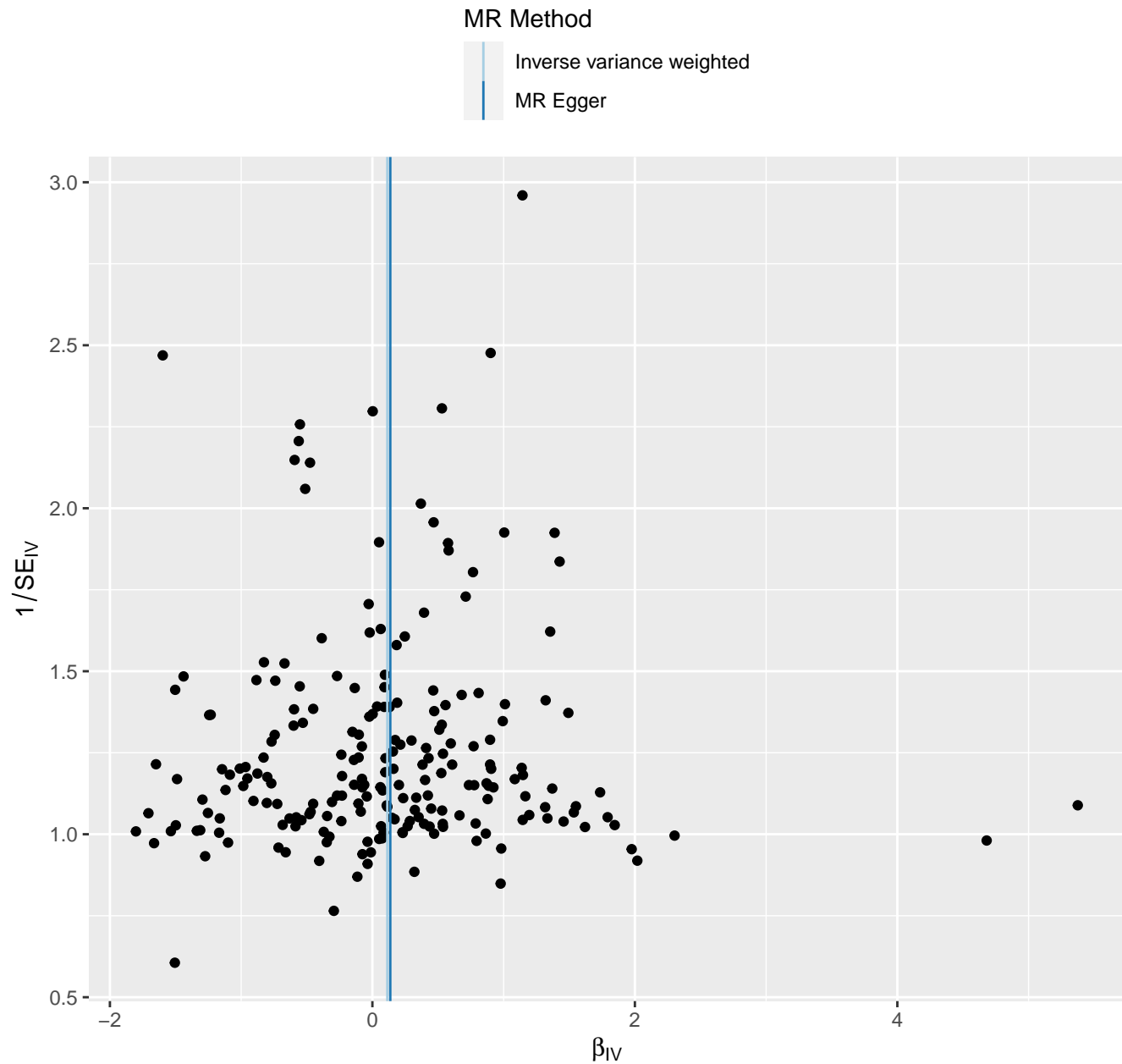


# Citrate

MR Method



# Concentration of chylomicrons and largest VLDL particles

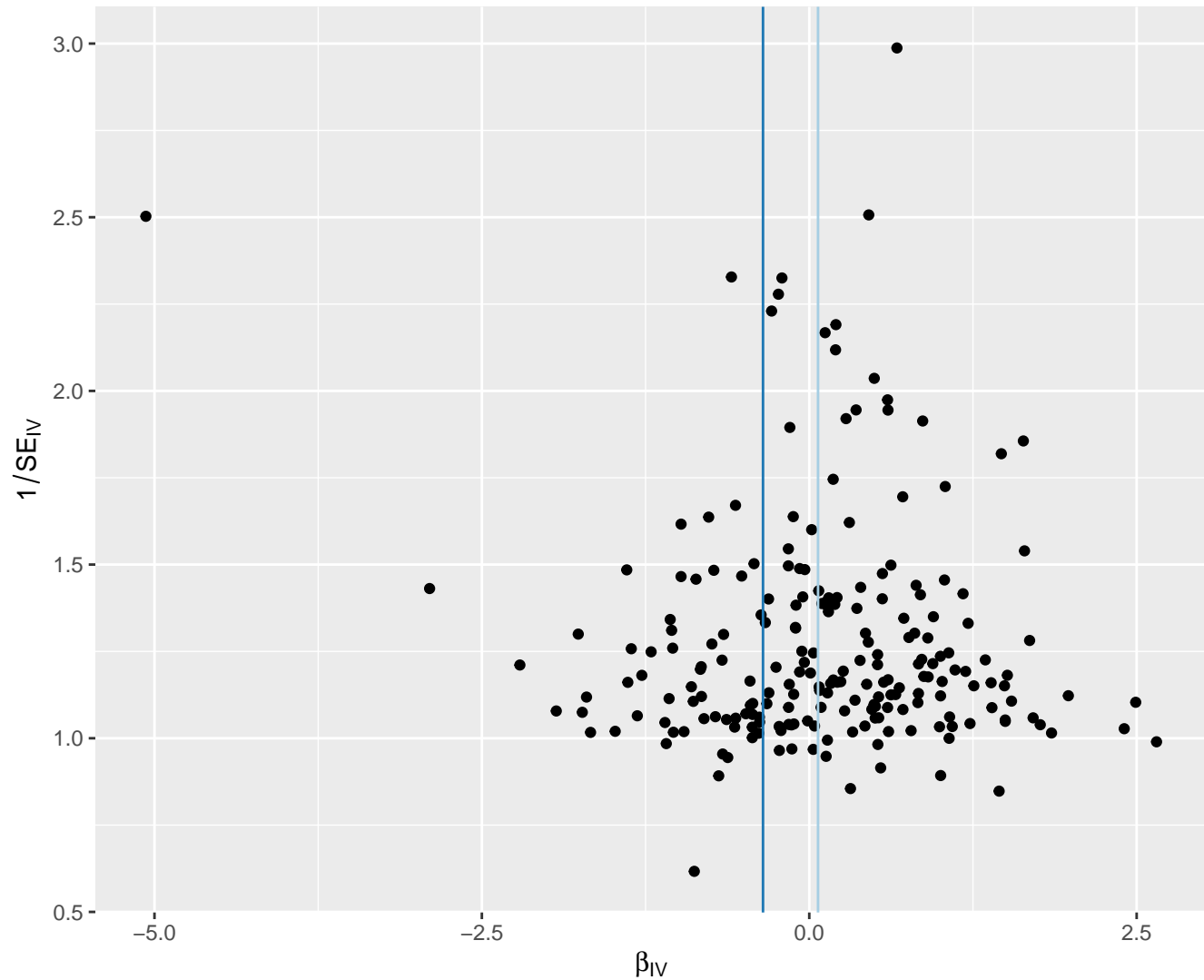


# Concentration of IDL particles

MR Method

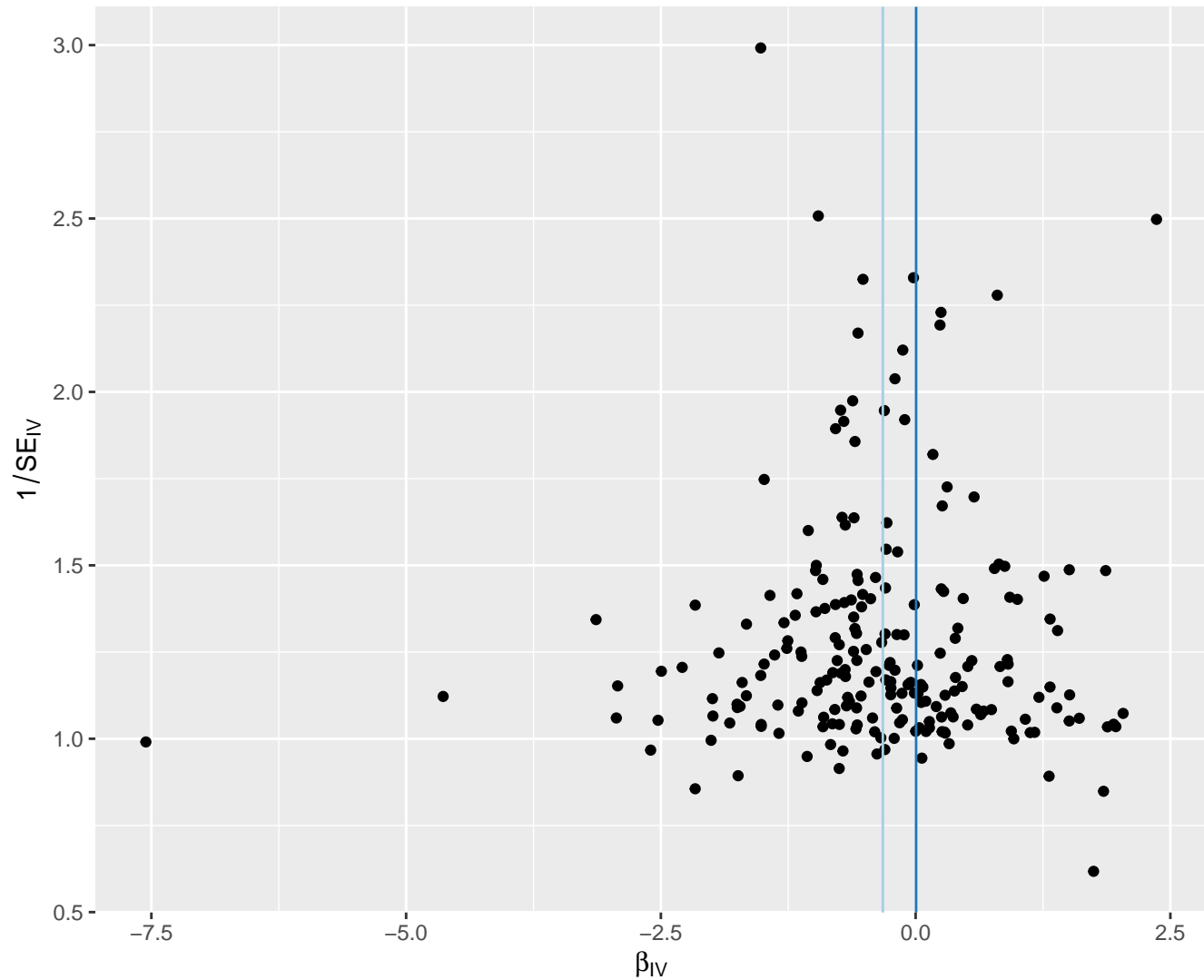
Inverse variance weighted

MR Egger



# Concentration of large HDL particles

MR Method

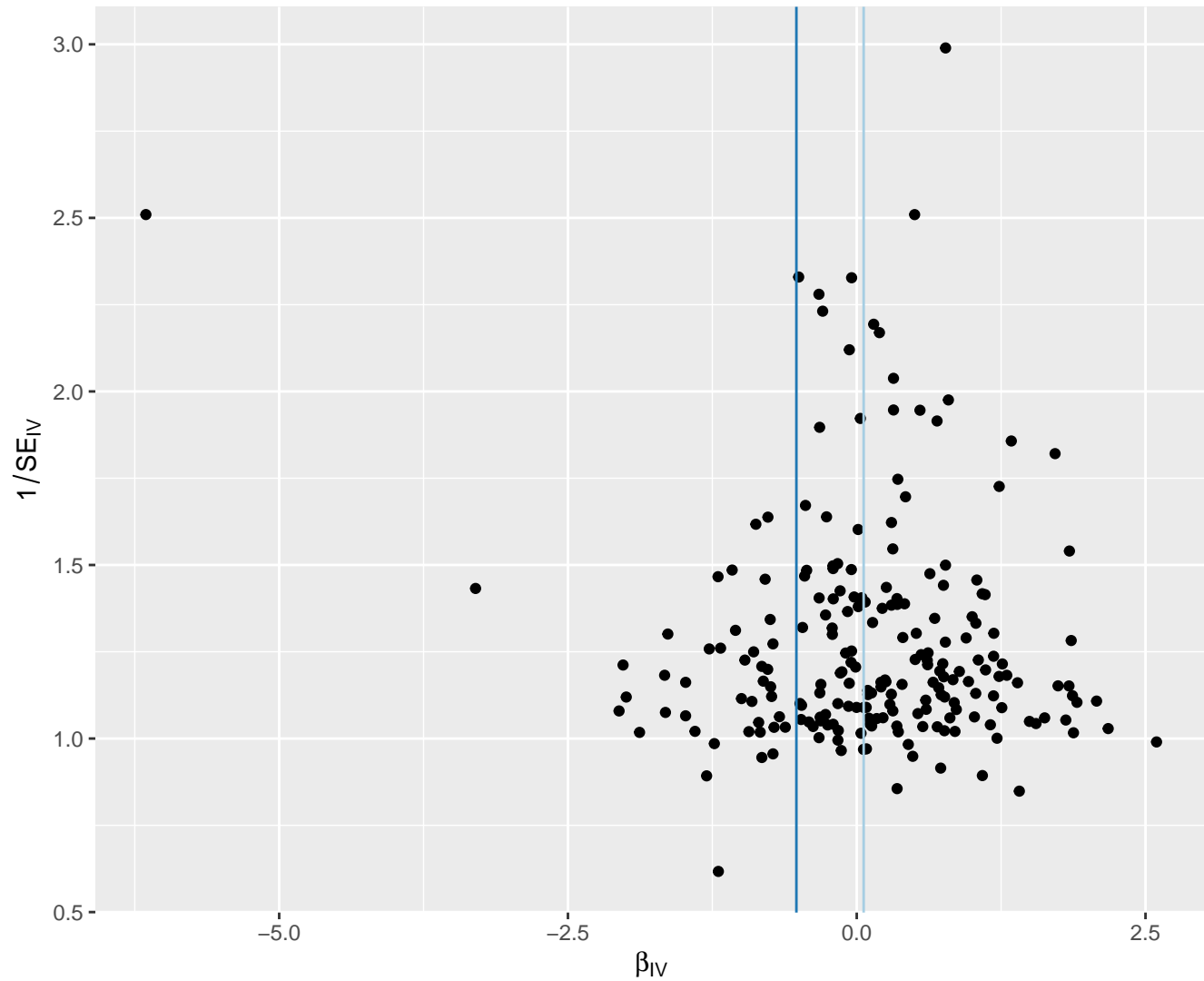


# Concentration of large LDL particles

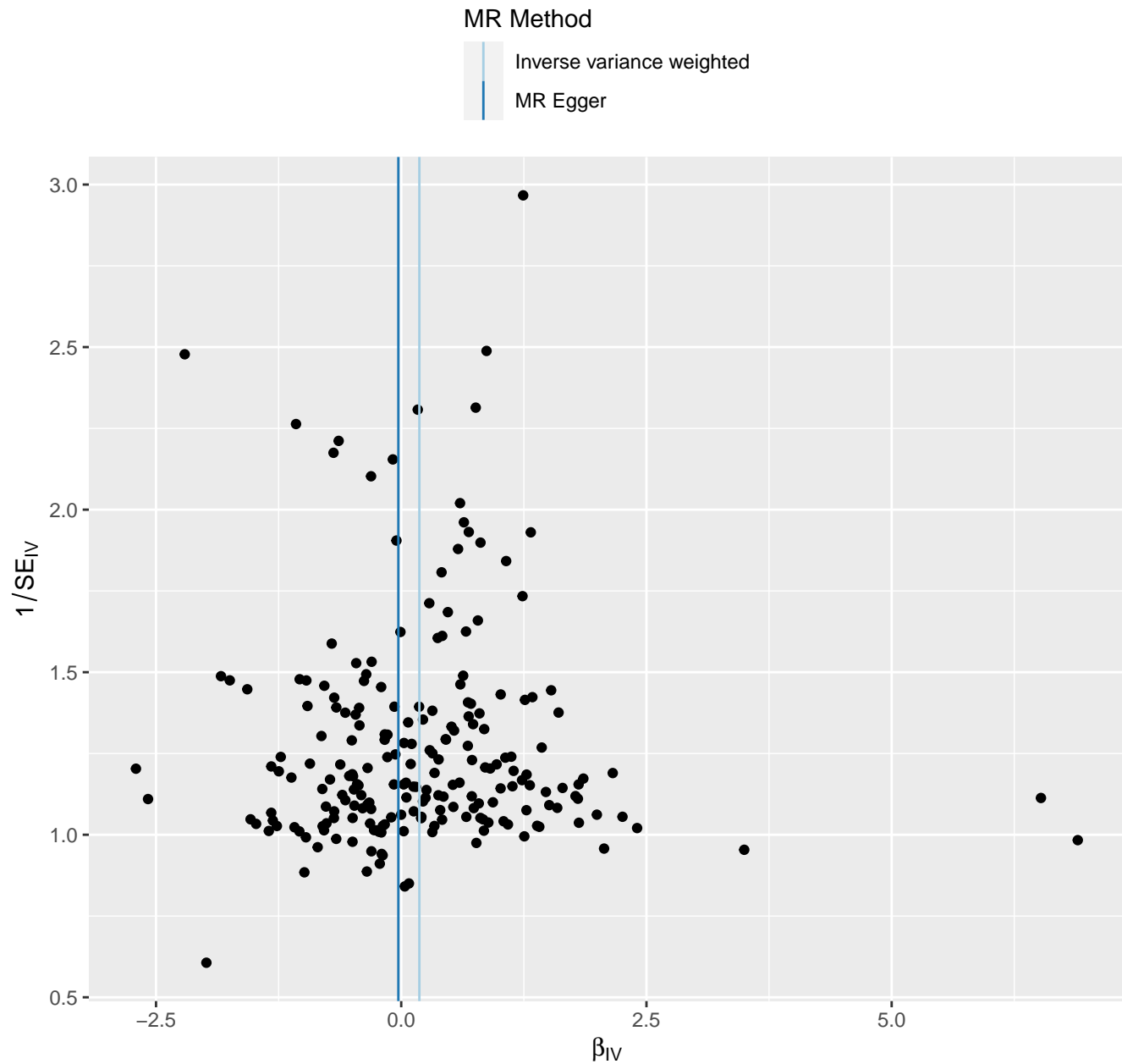
MR Method

Inverse variance weighted

MR Egger



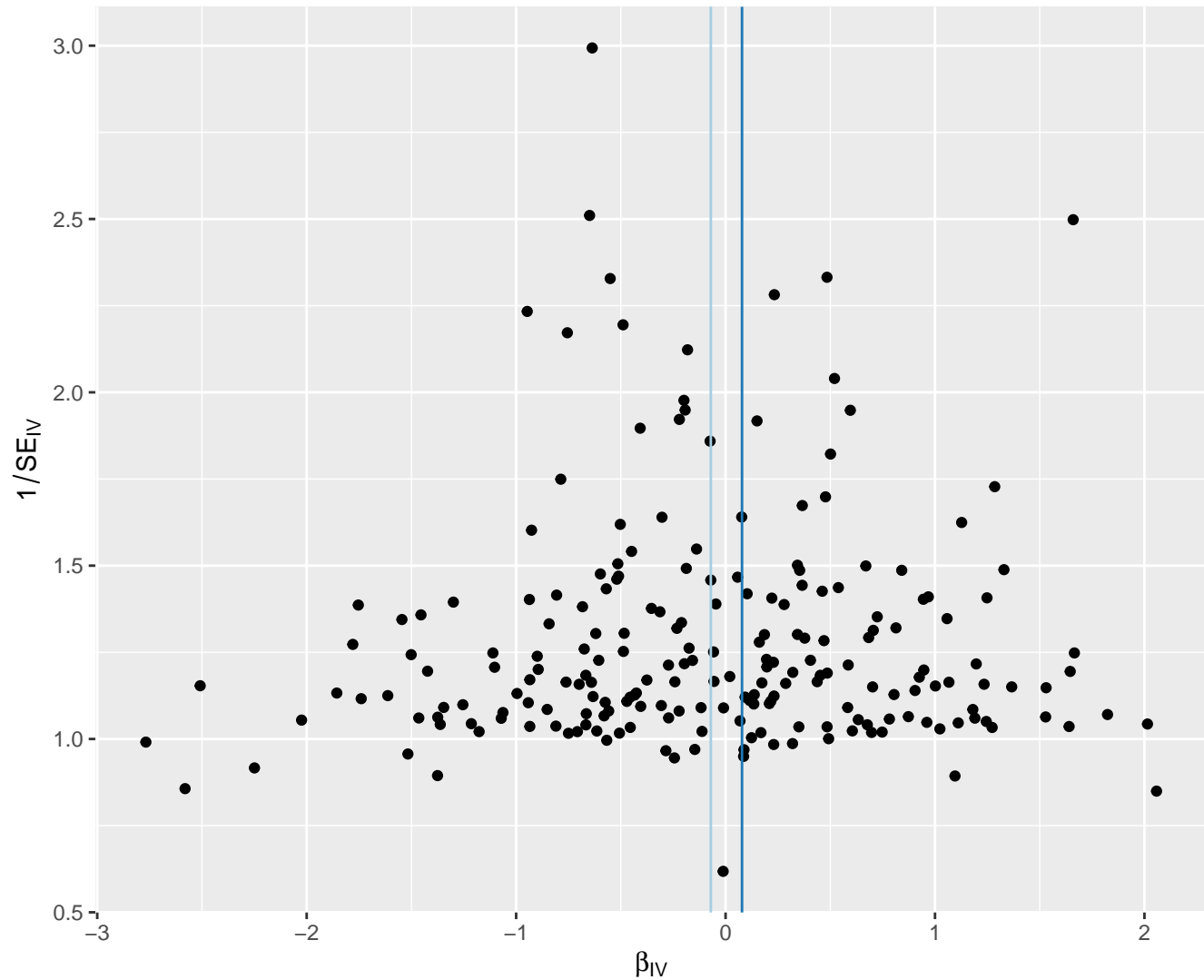
# Concentration of large VLDL particles





# Concentration of medium HDL particles

MR Method

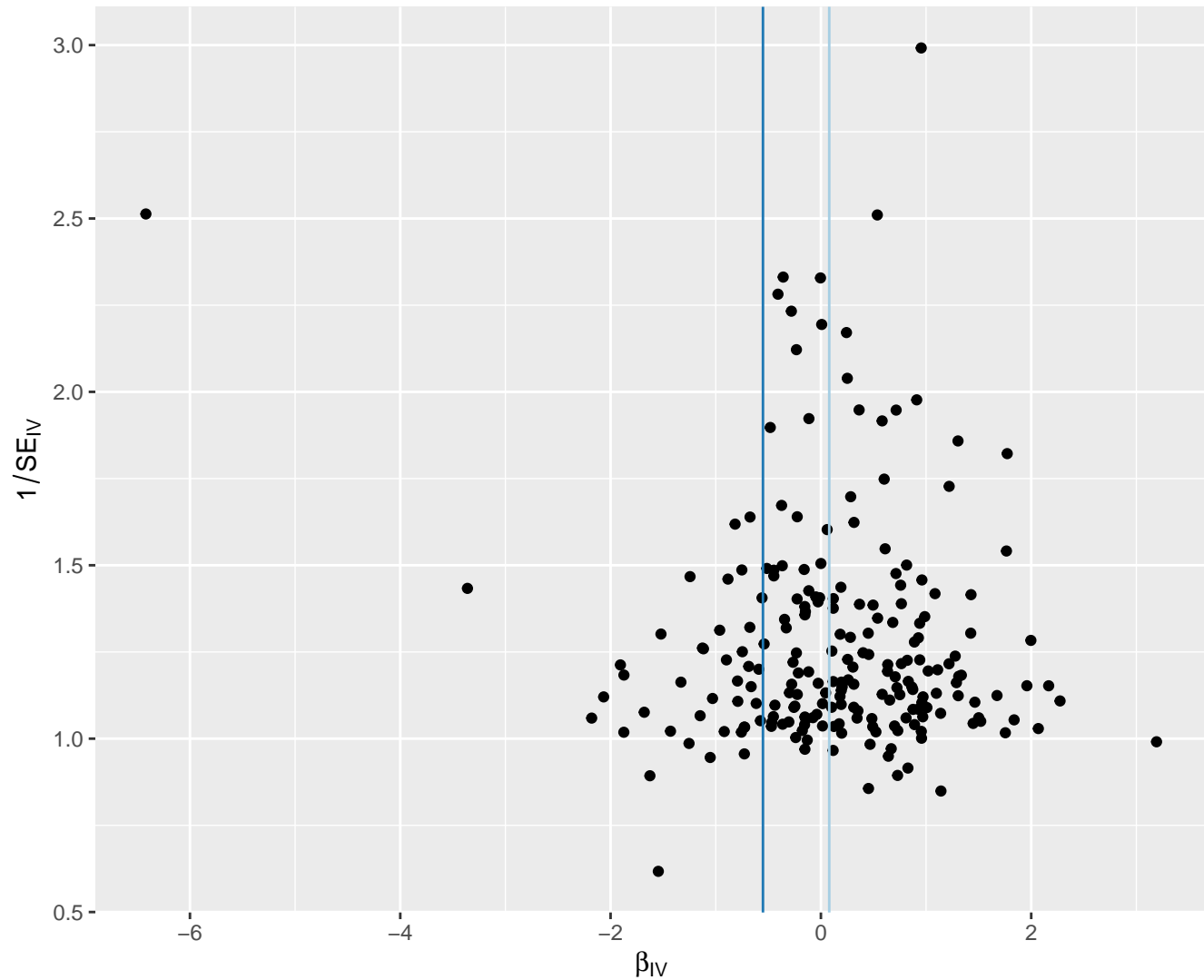


# Concentration of medium LDL particles

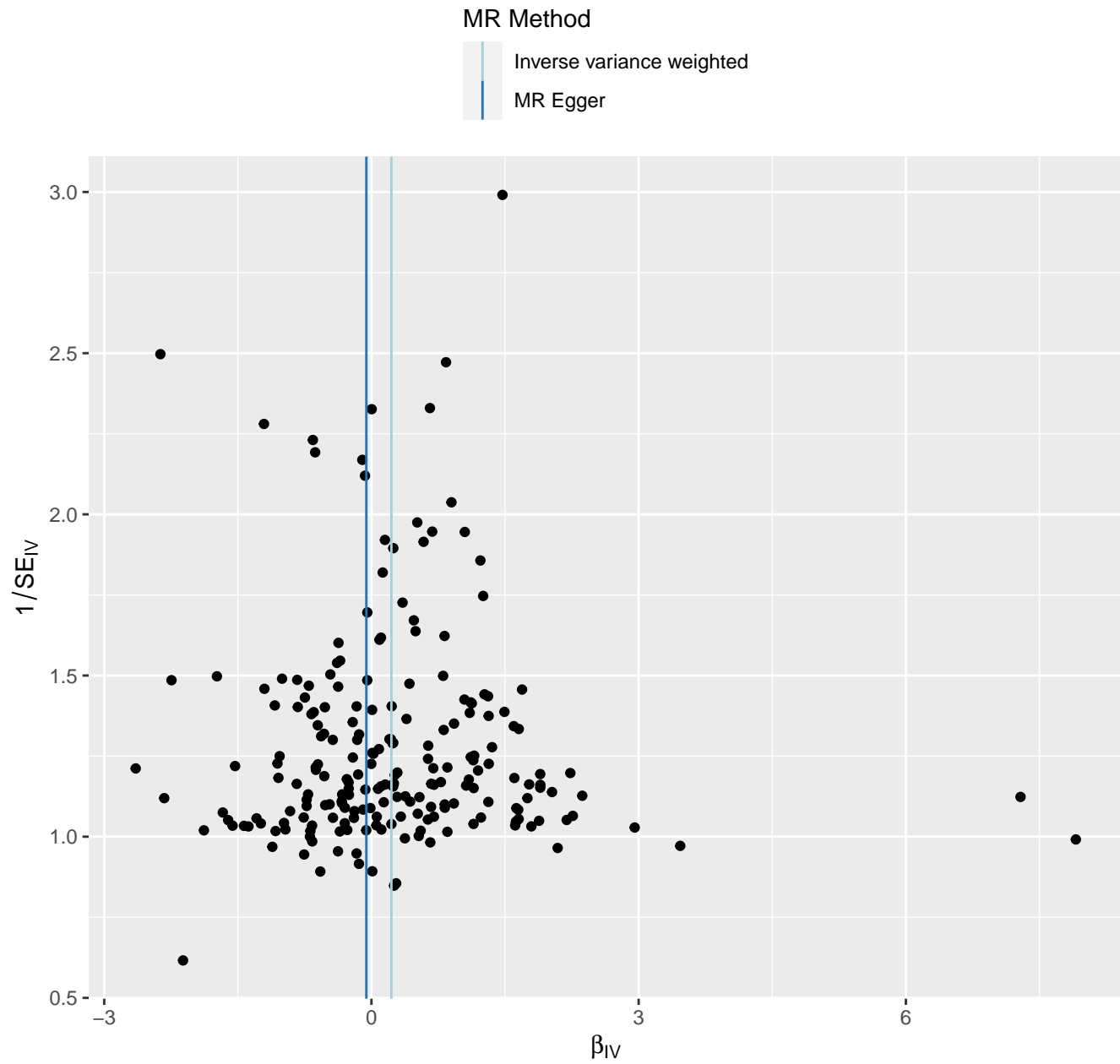
MR Method

Inverse variance weighted

MR Egger

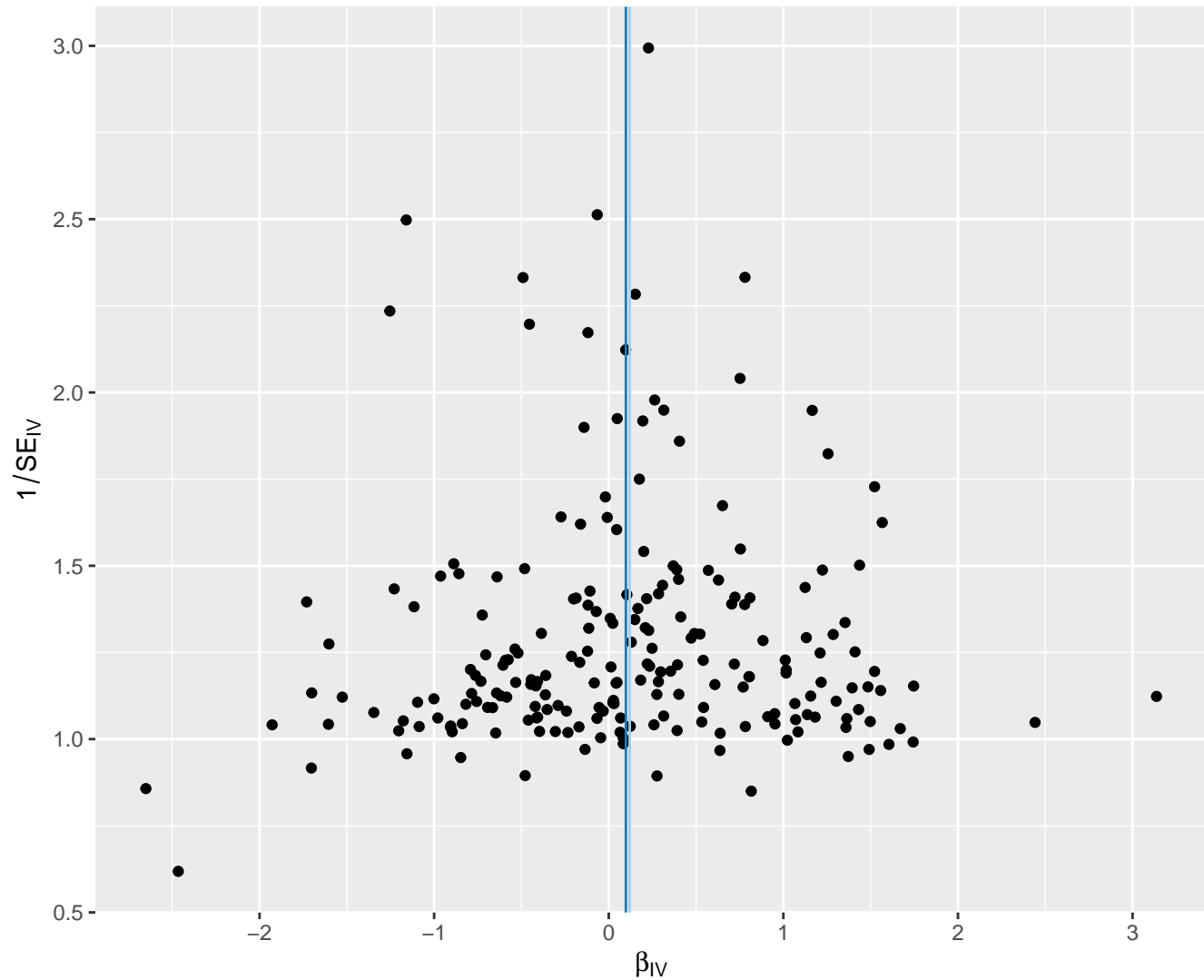


# Concentration of medium VLDL particles



# Concentration of small HDL particles

MR Method

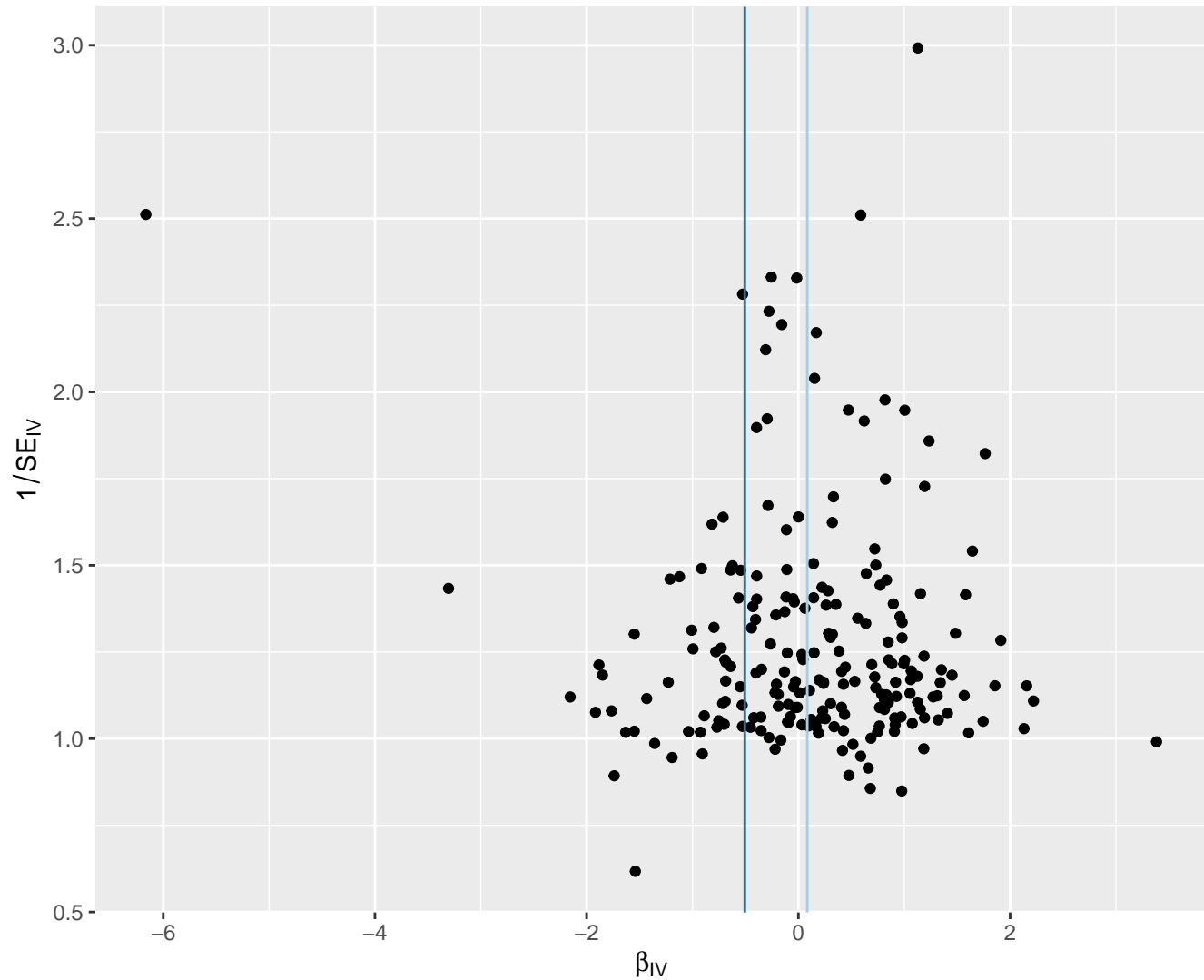


# Concentration of small LDL particles

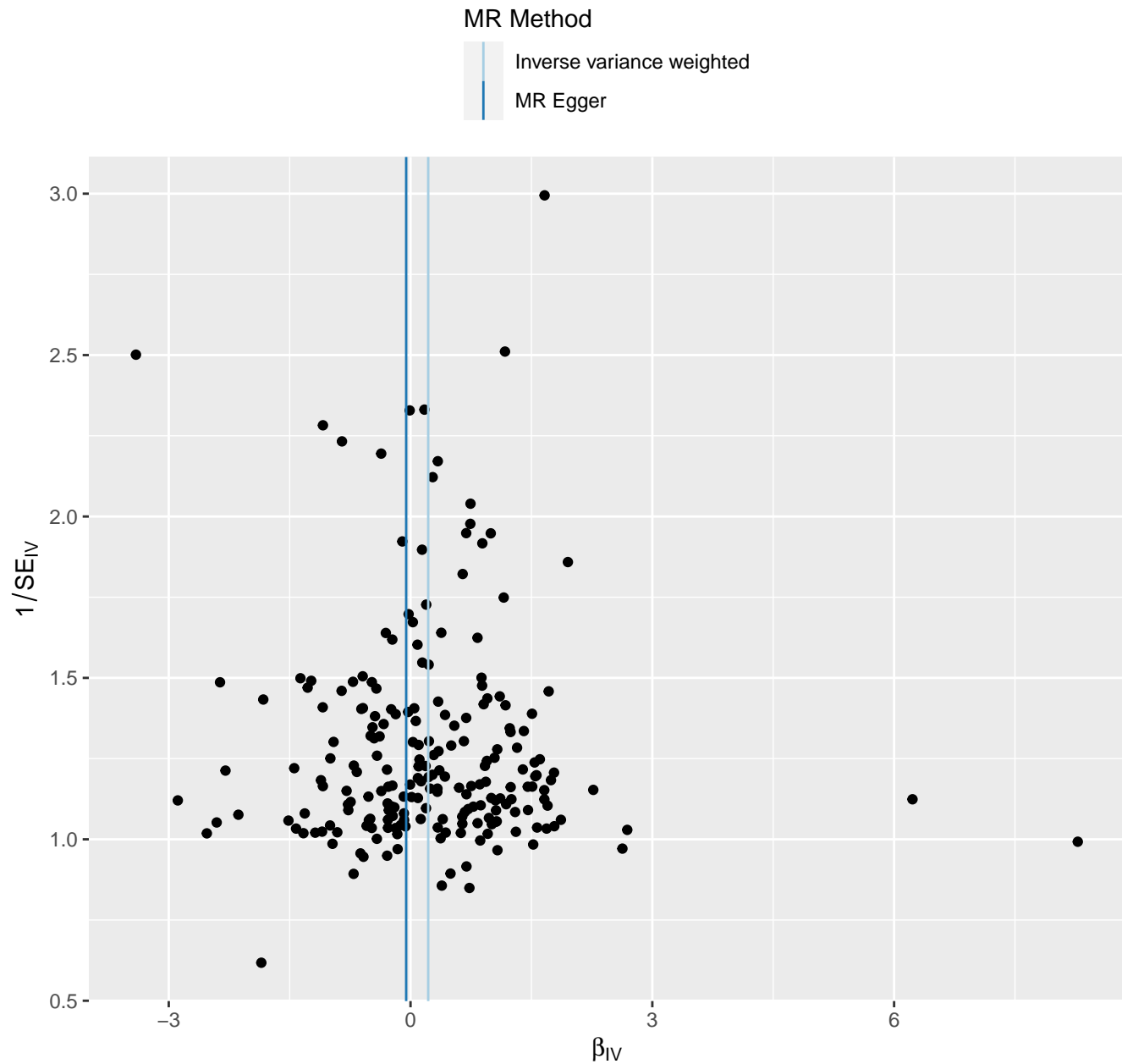
MR Method

Inverse variance weighted

MR Egger

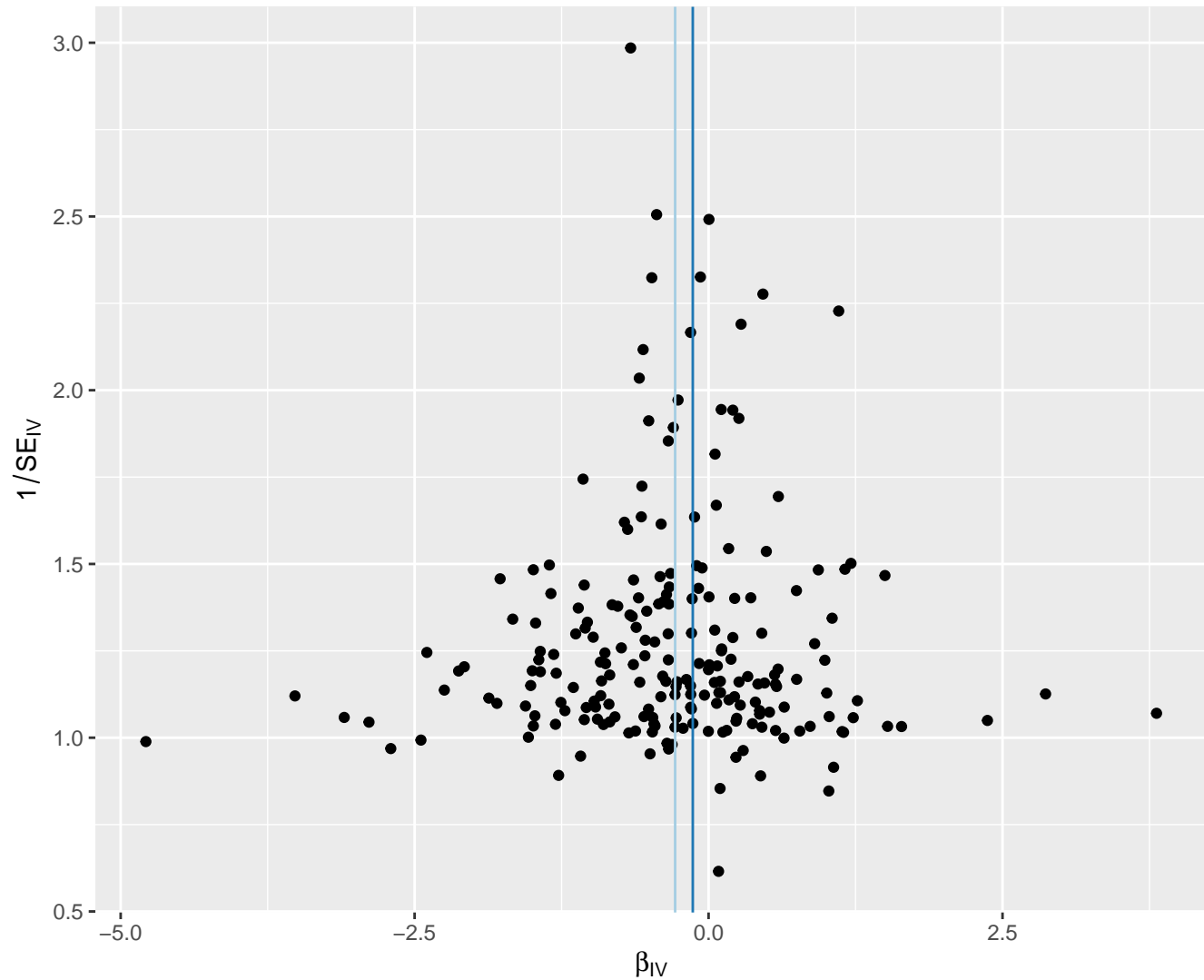


# Concentration of small VLDL particles

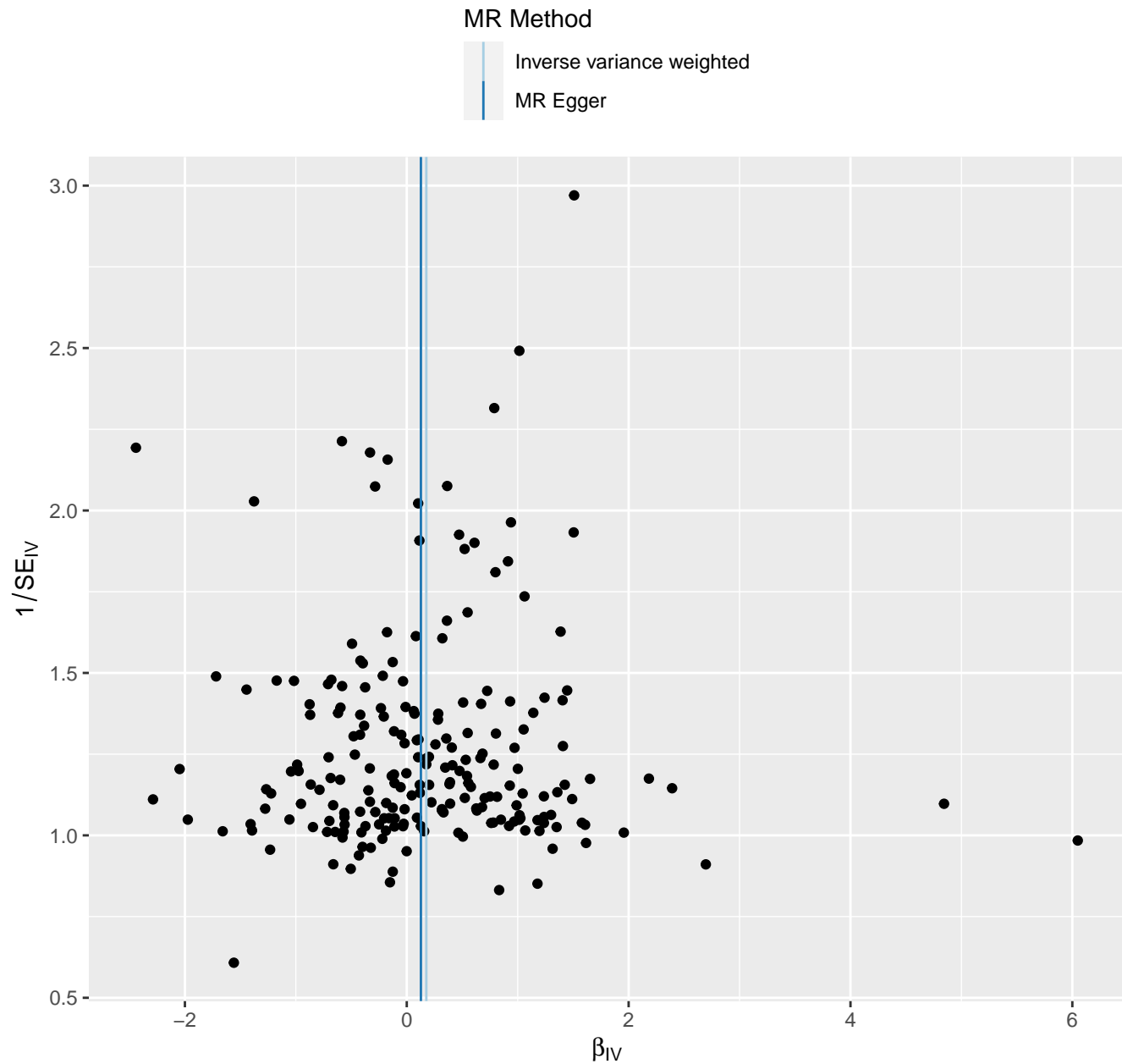


# Concentration of very large HDL particles

MR Method



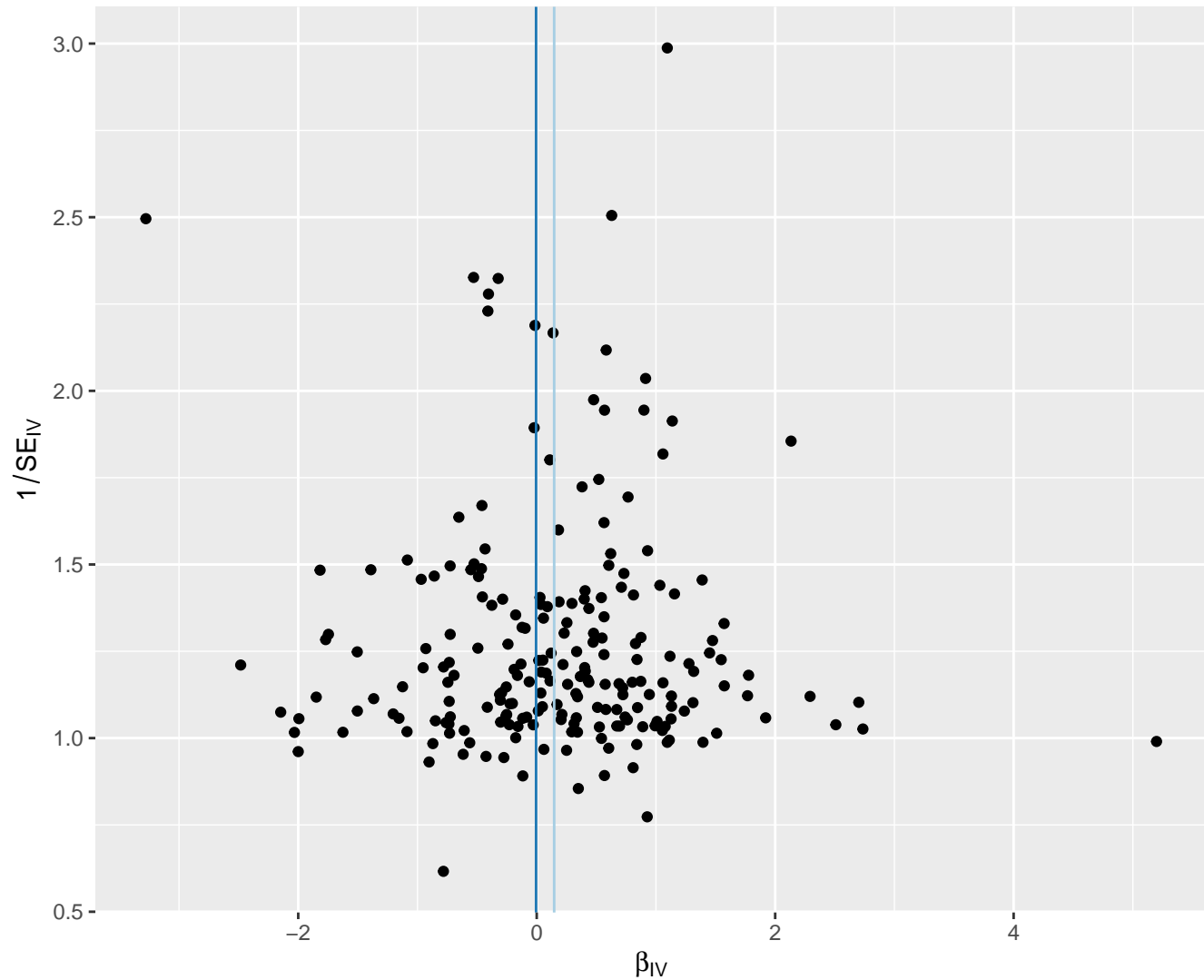
# Concentration of very large VLDL particles





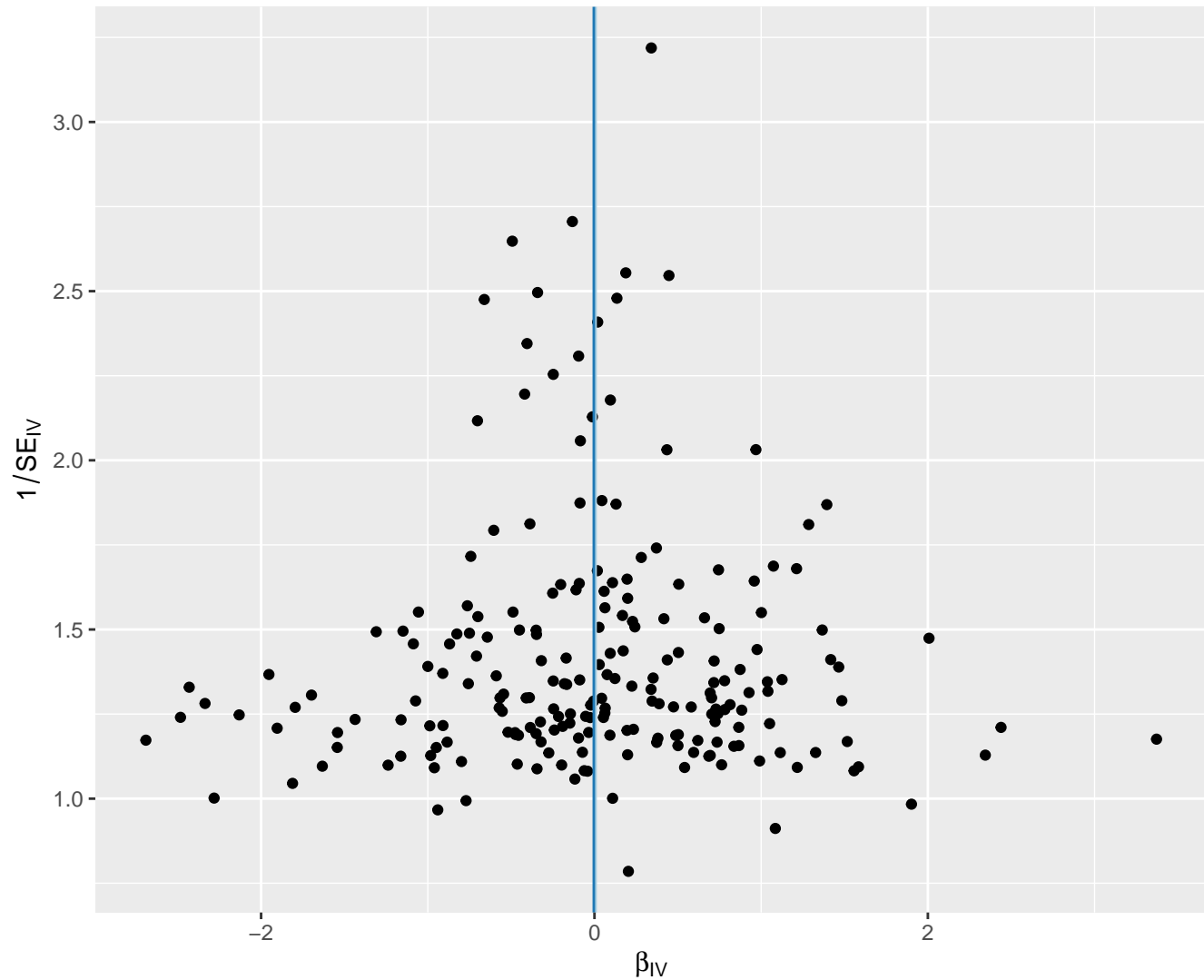
# Concentration of very small VLDL particles

MR Method

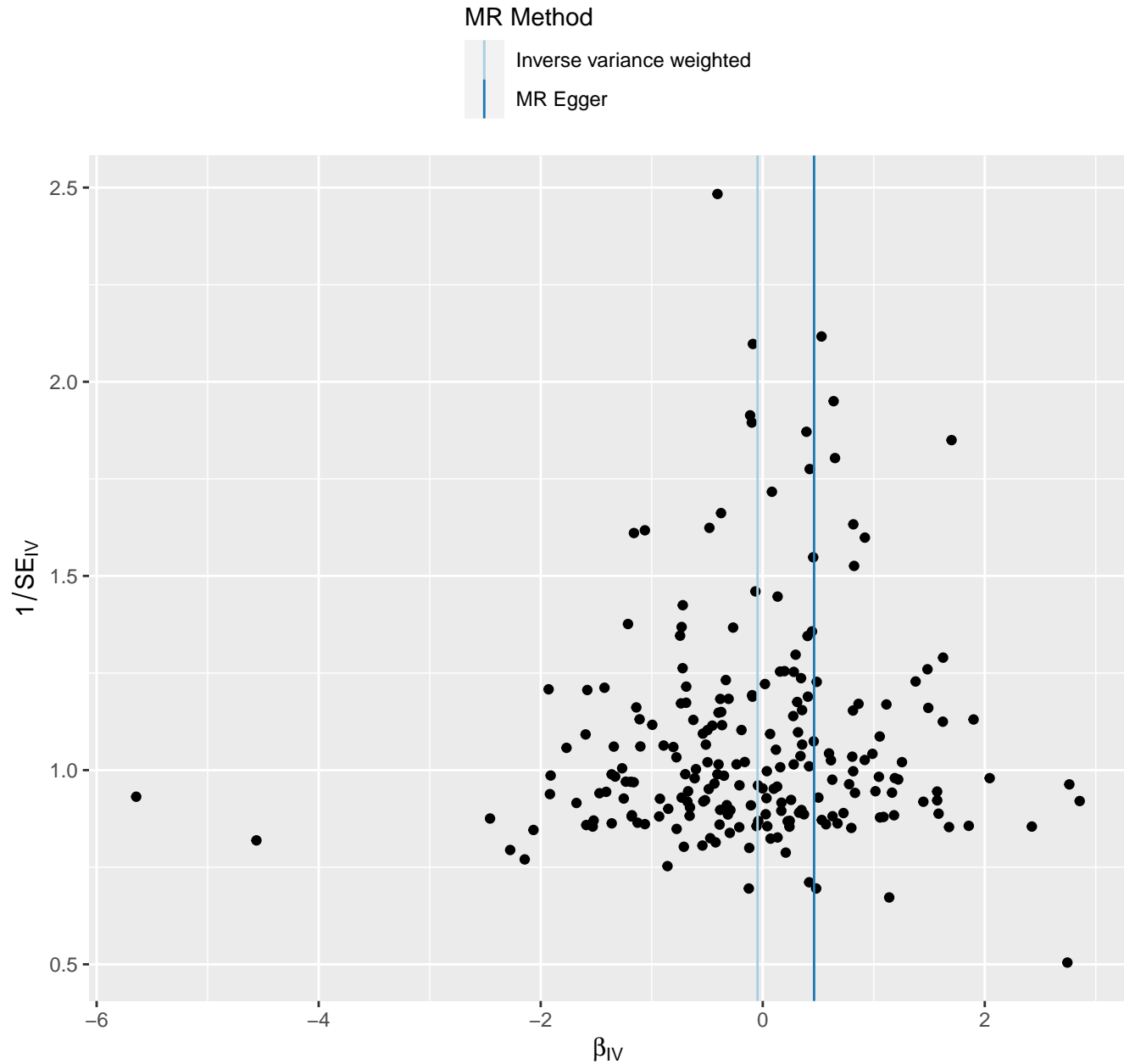


# Creatinine

## MR Method

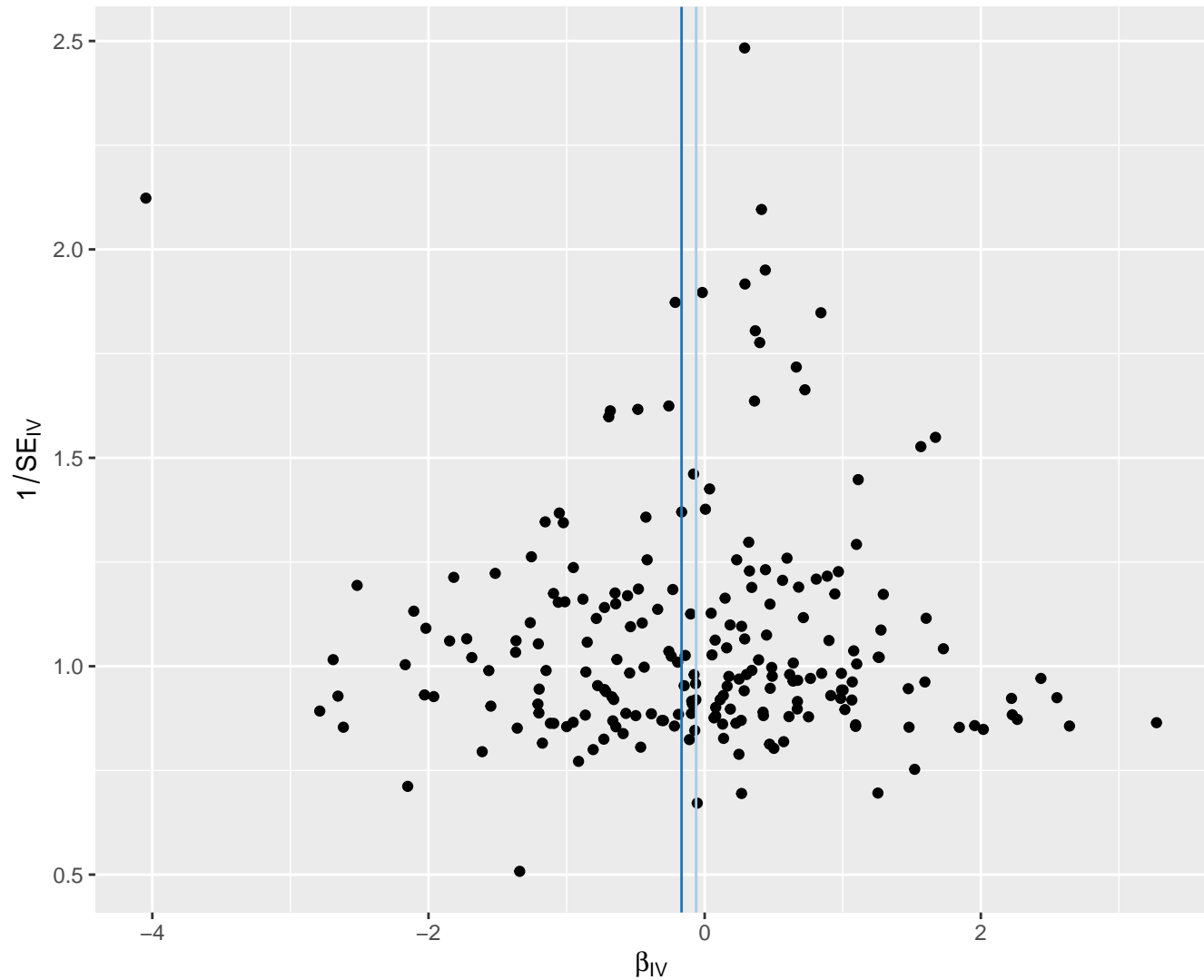


# Description of average fatty acid chain length, not actual carbon number



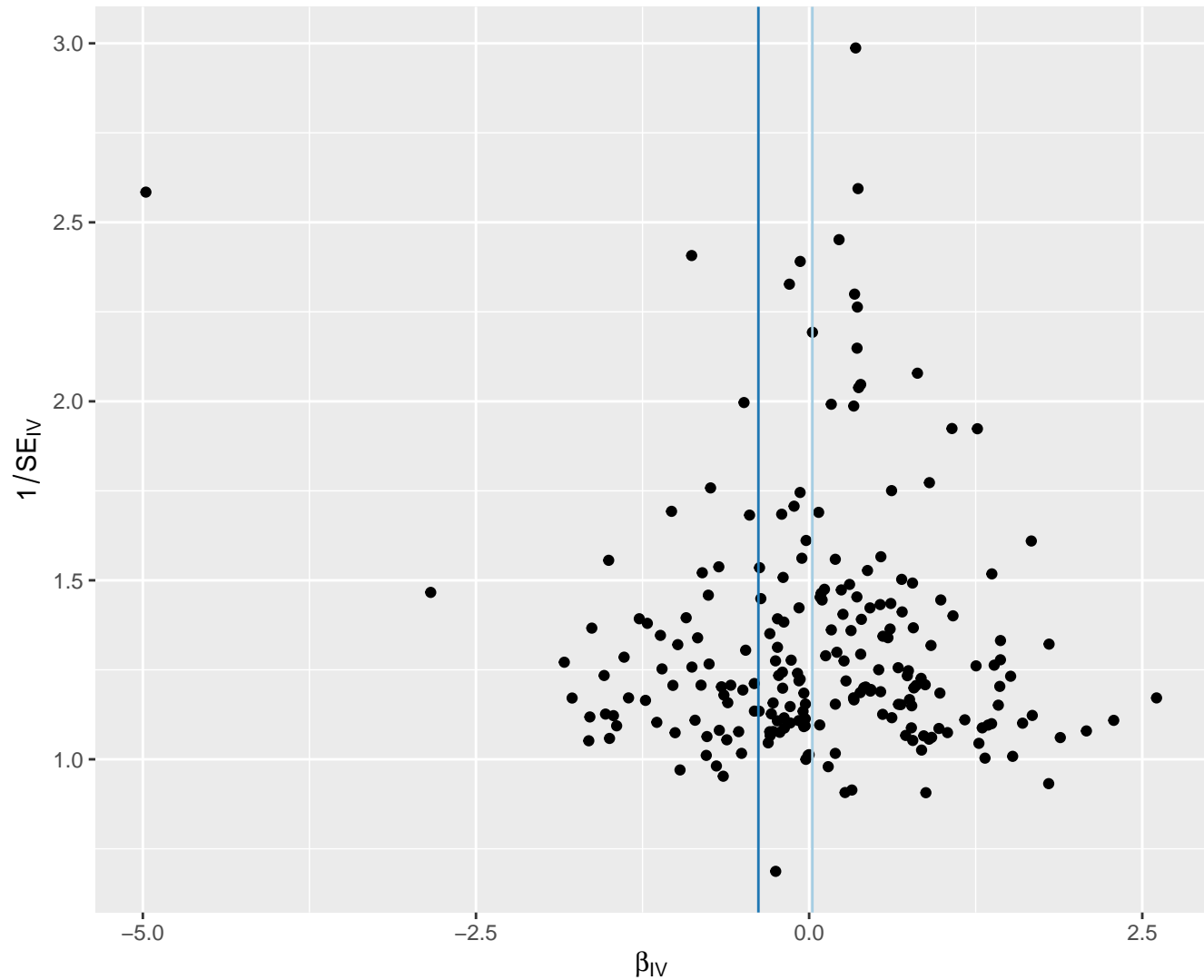
# Free cholesterol

MR Method



# Free cholesterol in IDL

MR Method

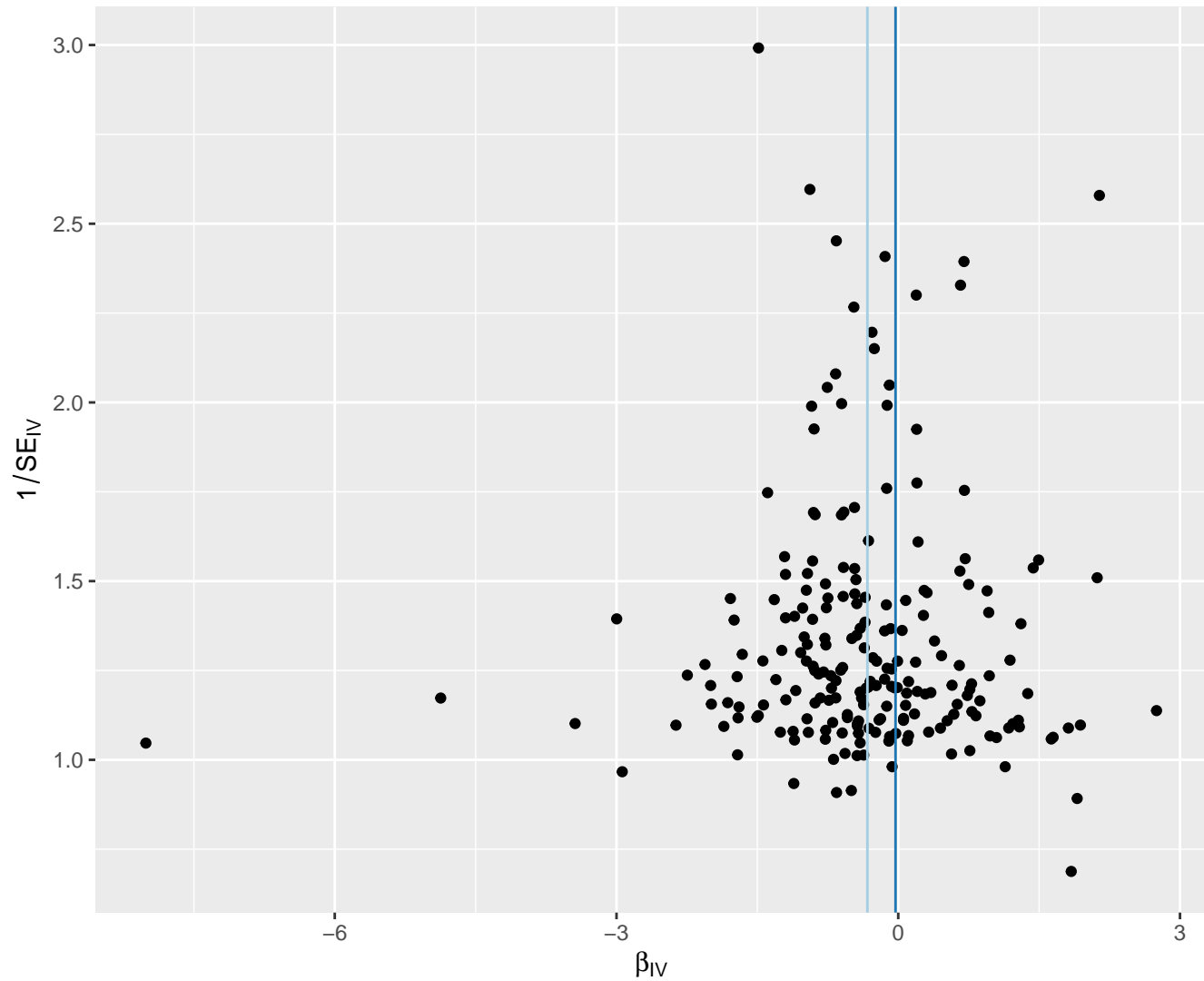


# Free cholesterol in large HDL

MR Method

Inverse variance weighted

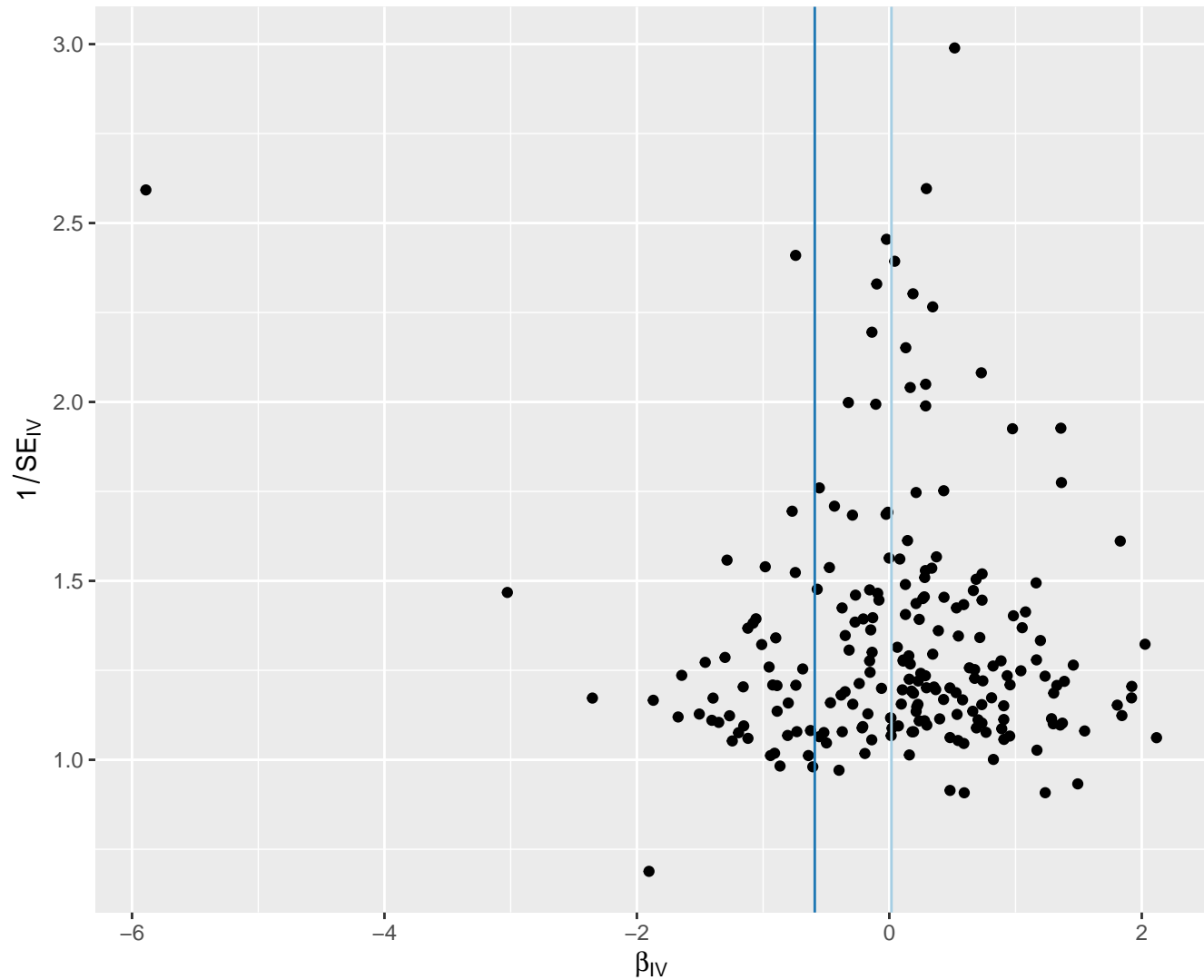
MR Egger



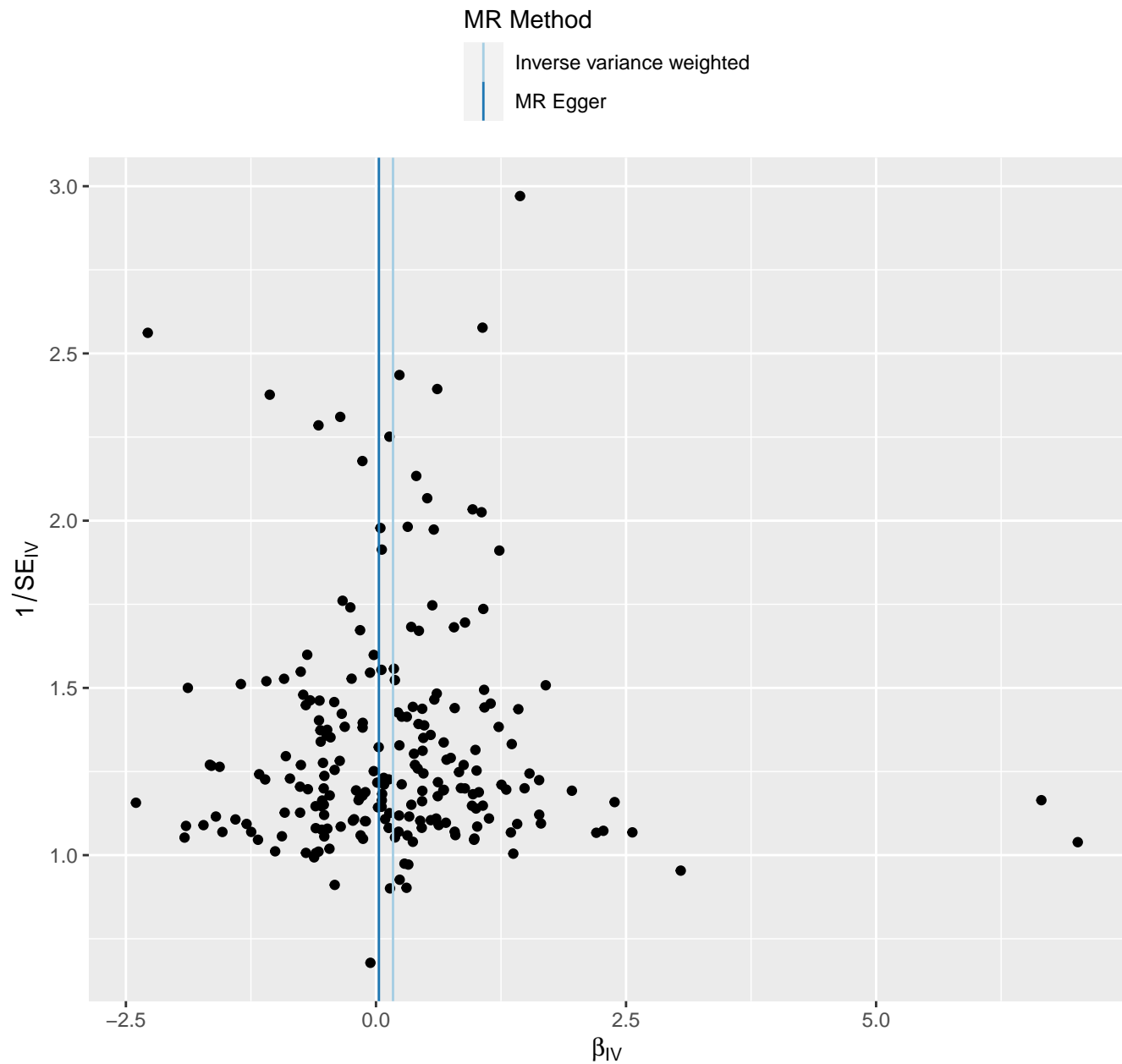
# Free cholesterol in large LDL

MR Method

Inverse variance weighted  
MR Egger



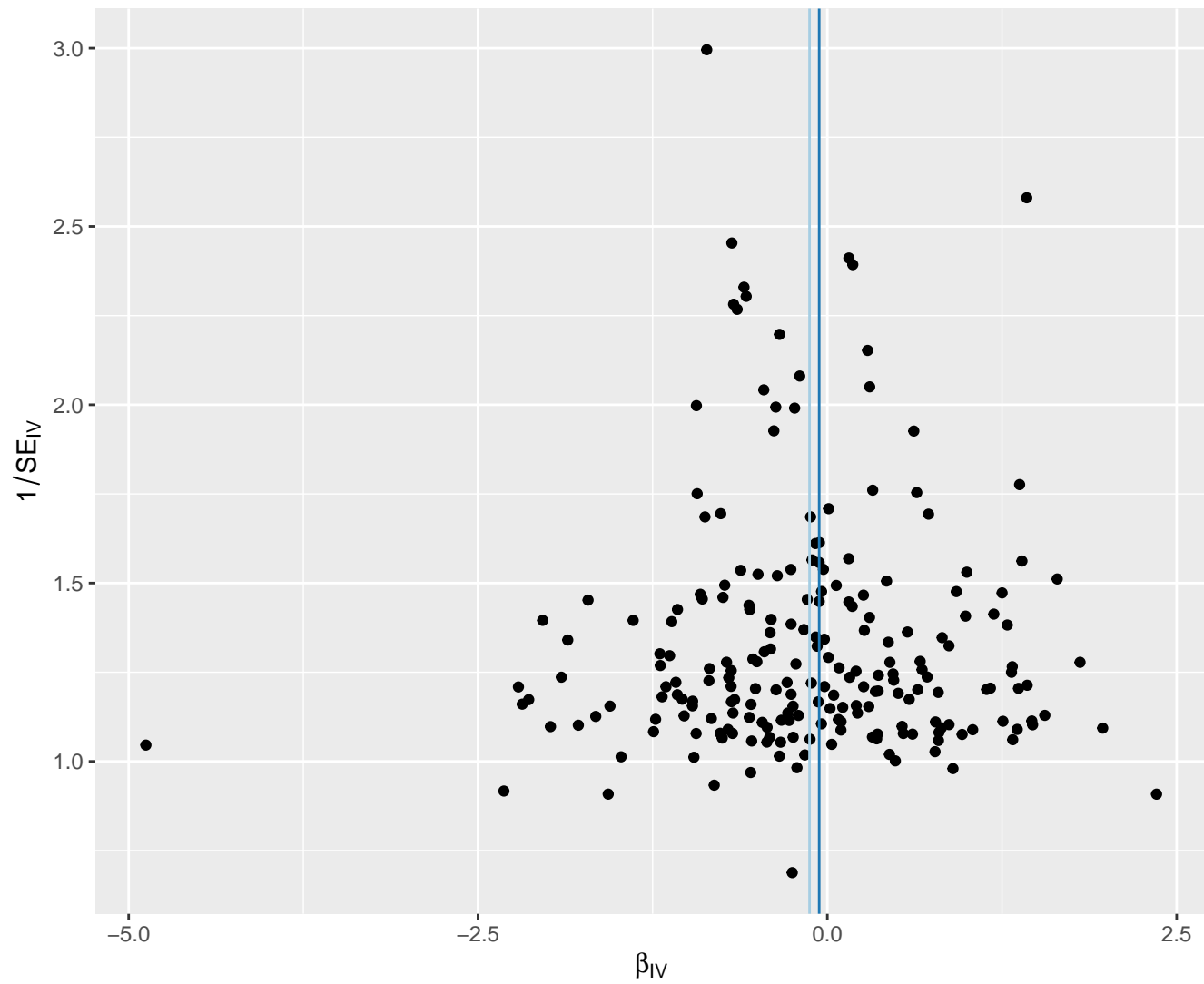
# Free cholesterol in large VLDL



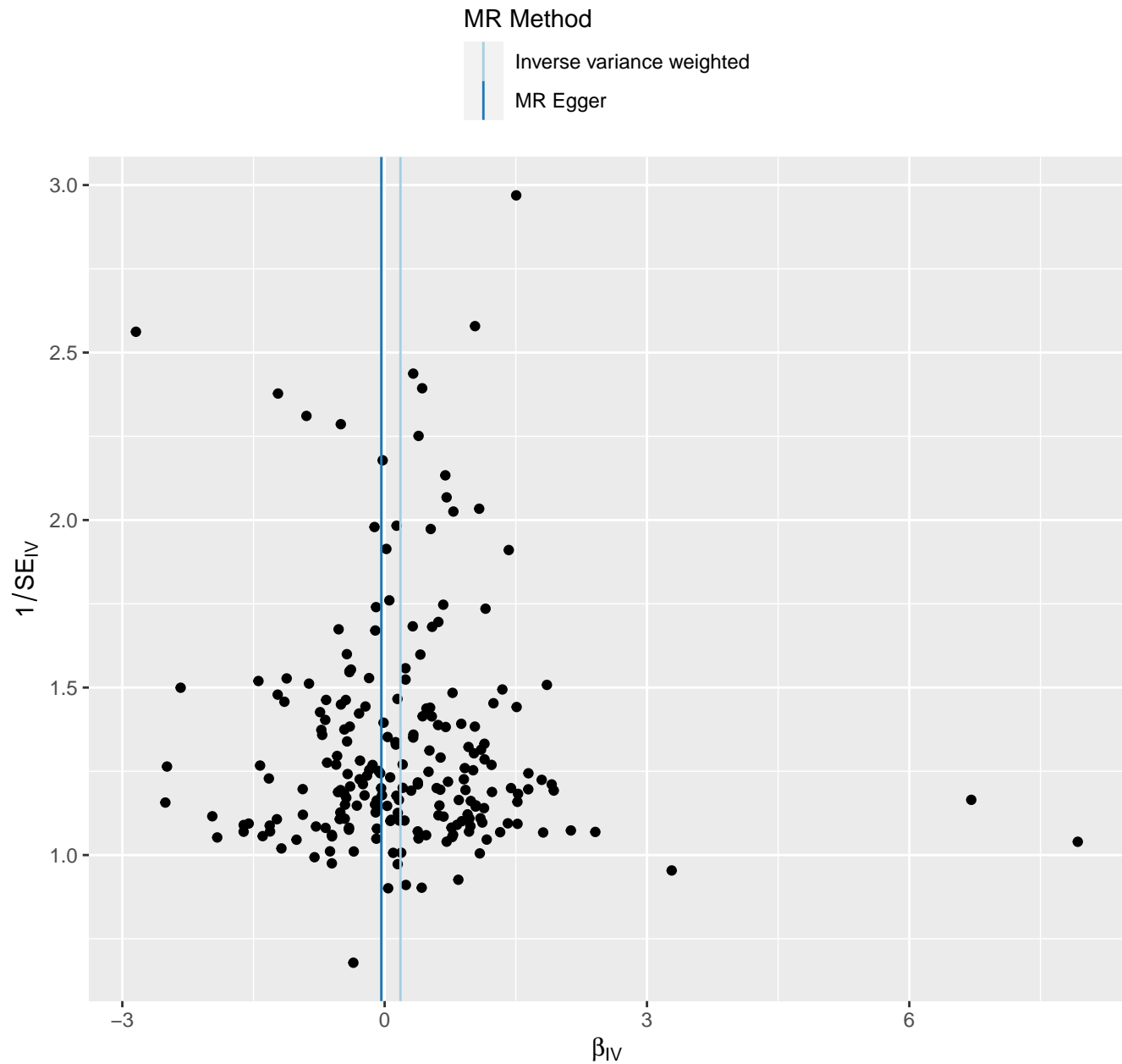


# Free cholesterol in medium HDL

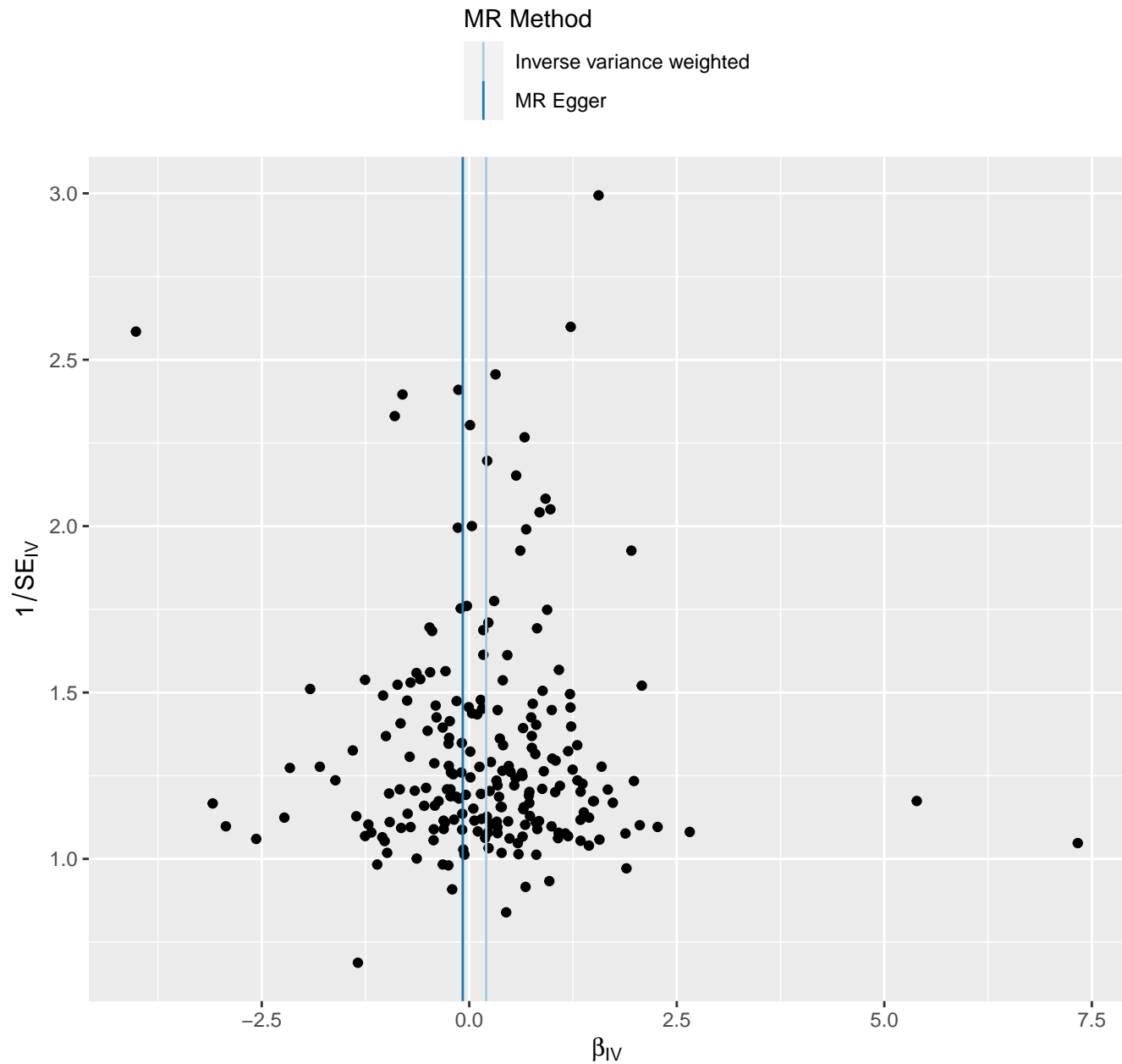
MR Method



# Free cholesterol in medium VLDL

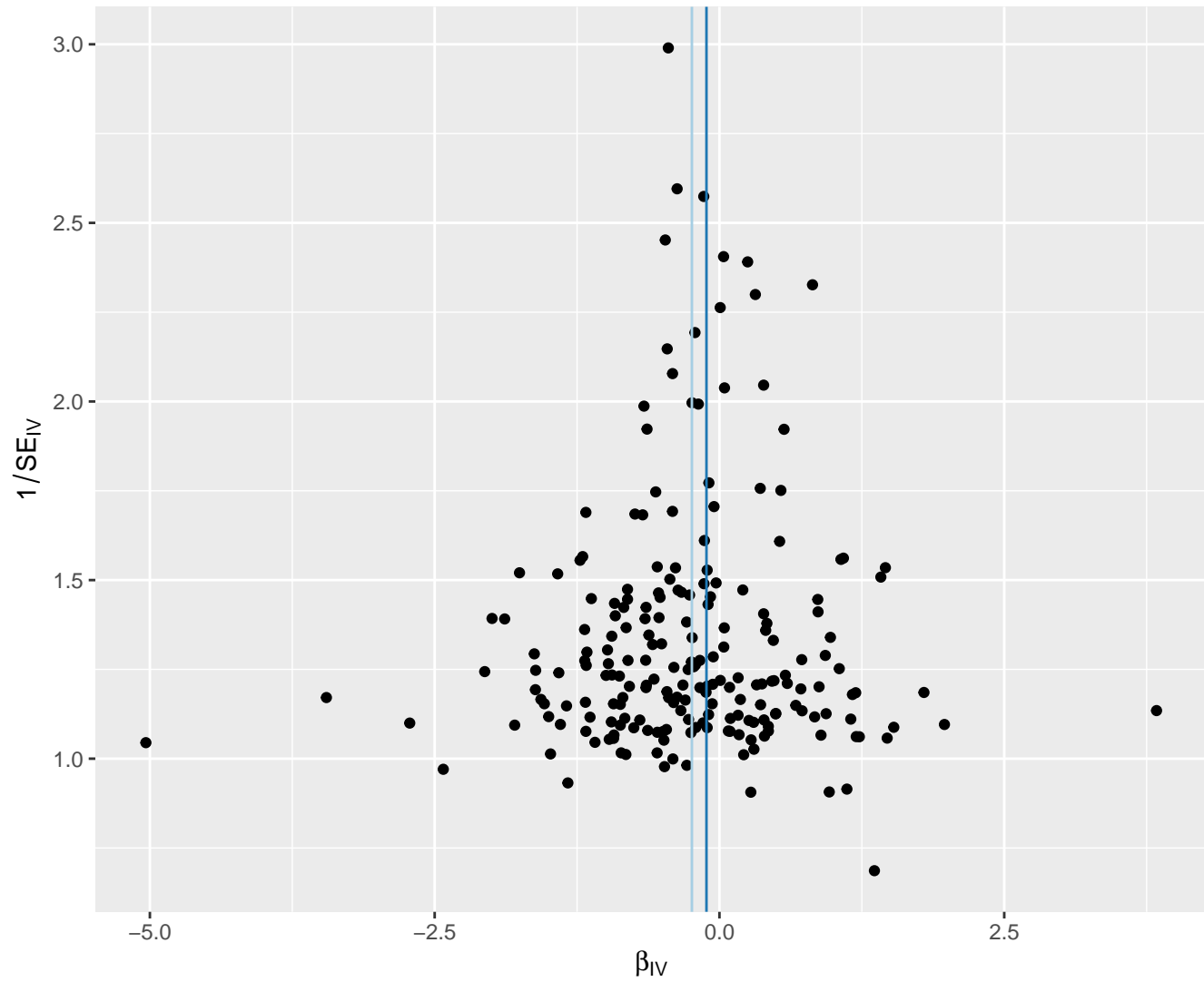
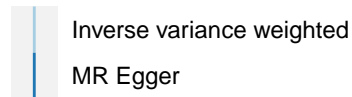


# Free cholesterol in small VLDL



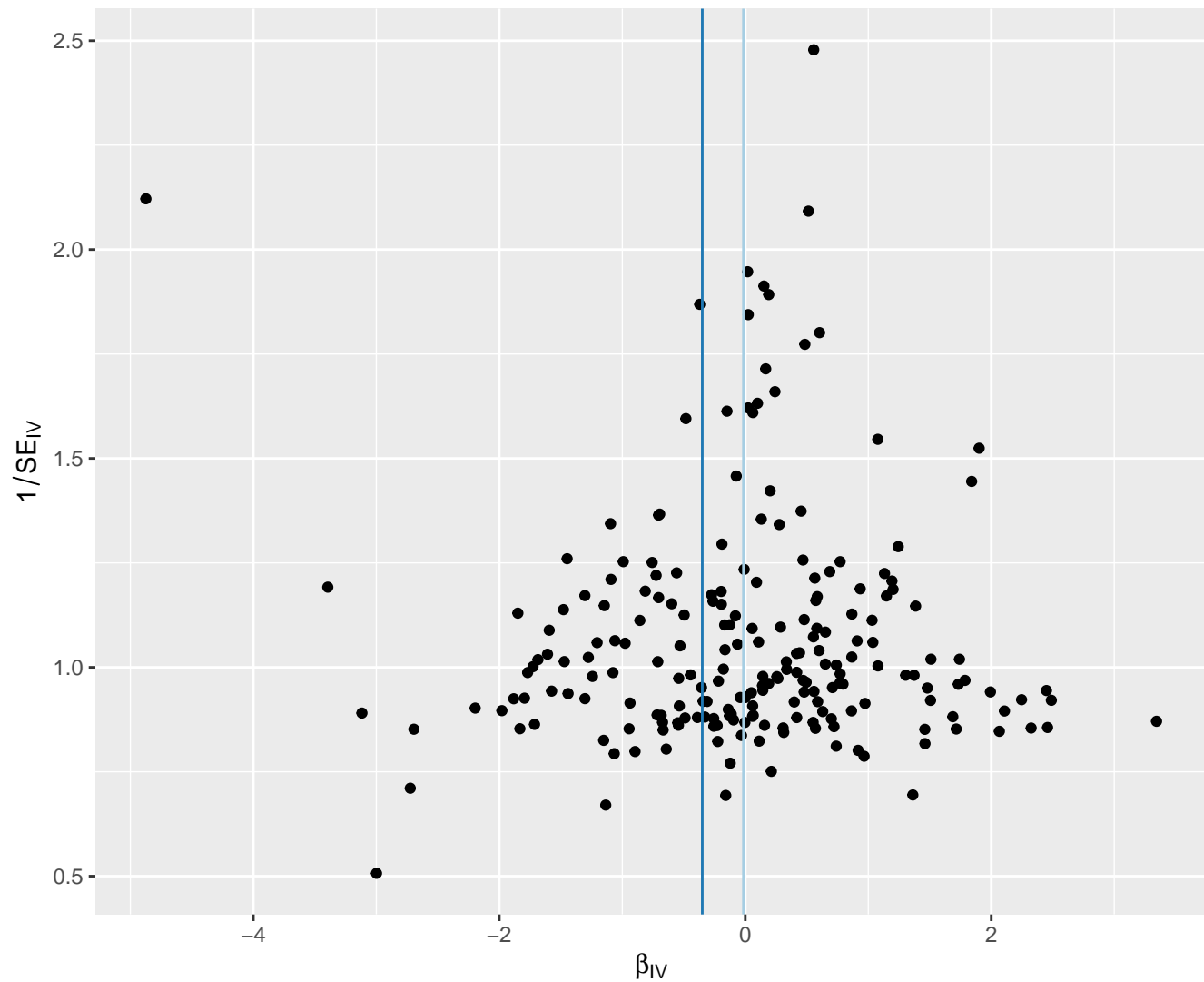
# Free cholesterol in very large HDL

MR Method



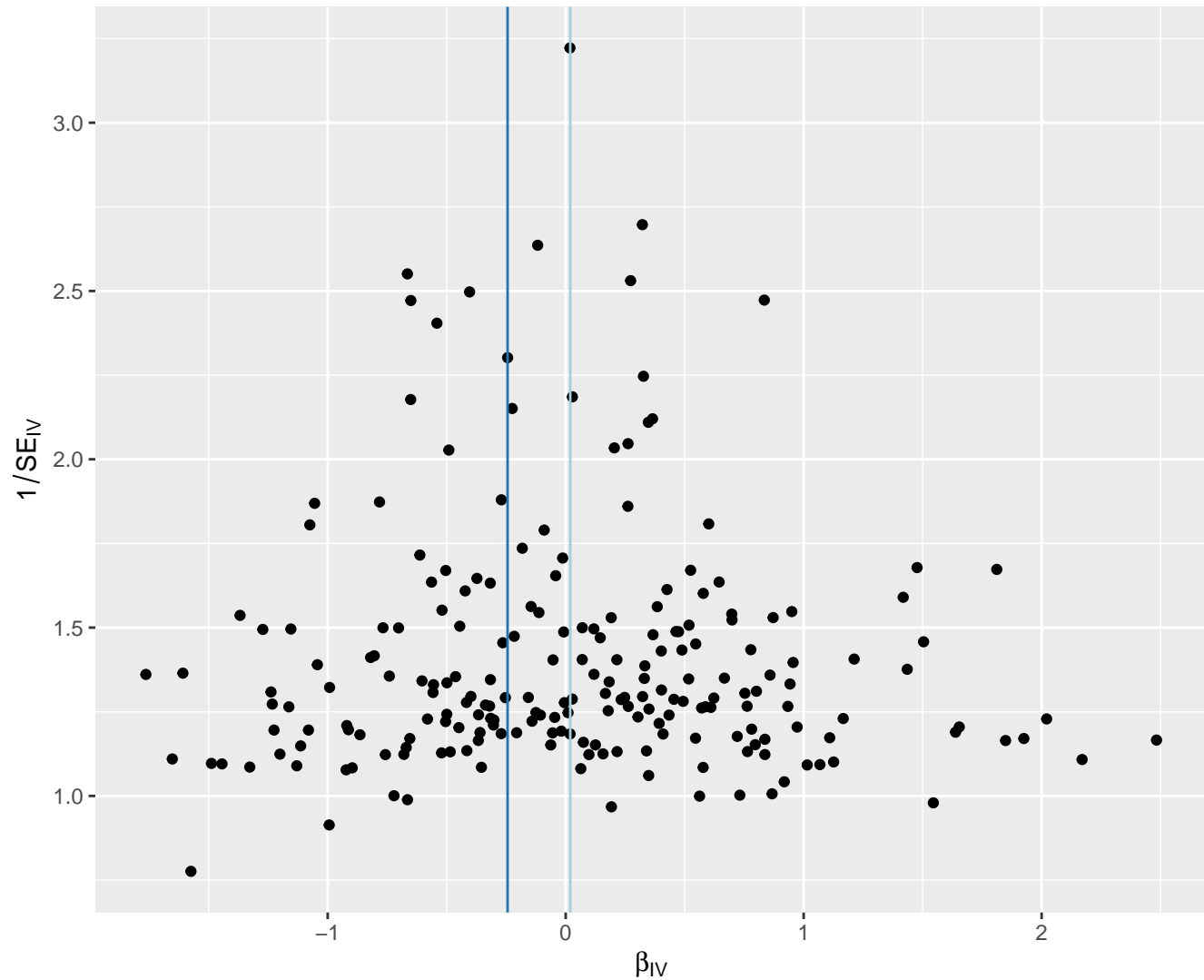
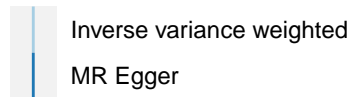
# Free cholesterol to esterified cholesterol ratio

MR Method



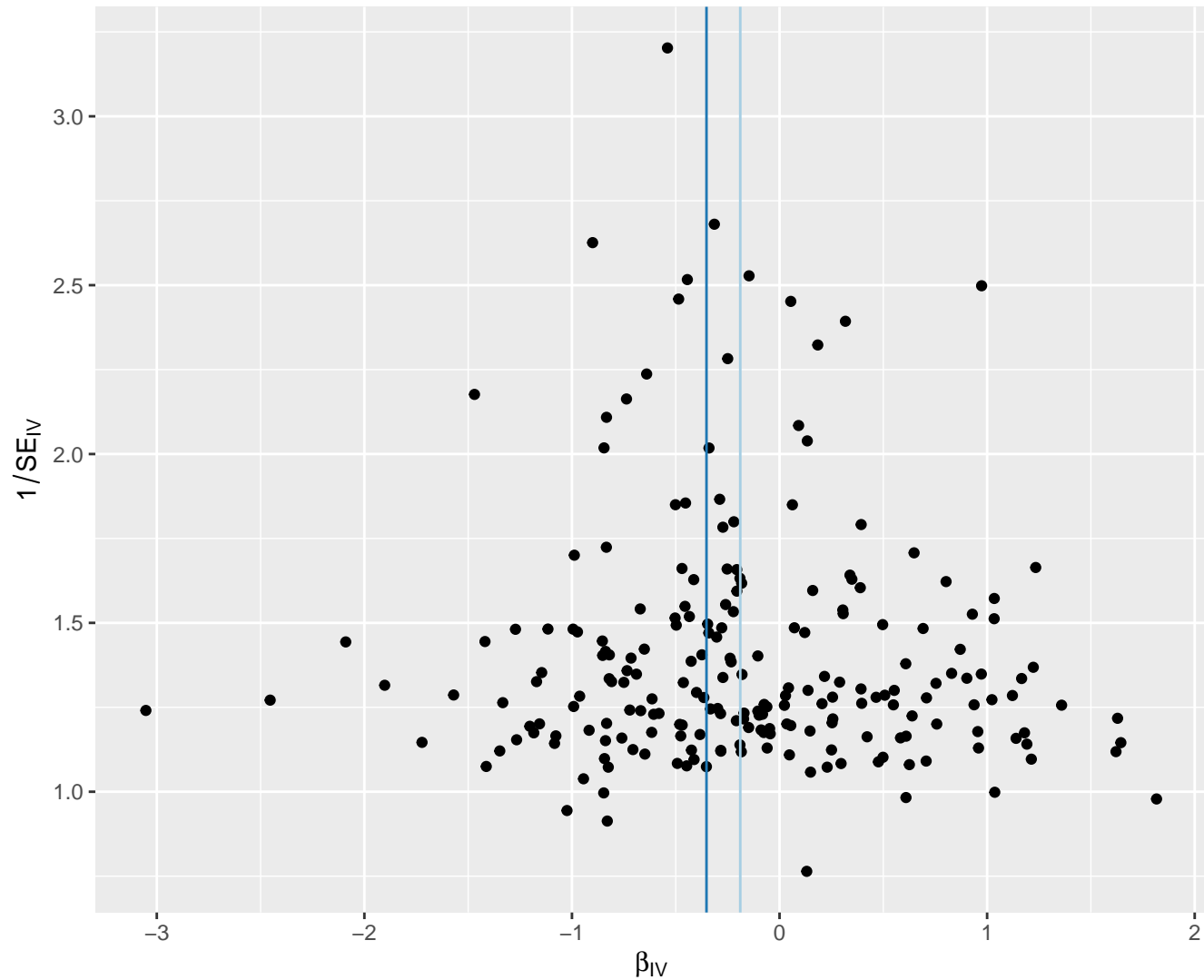
# Glucose

MR Method



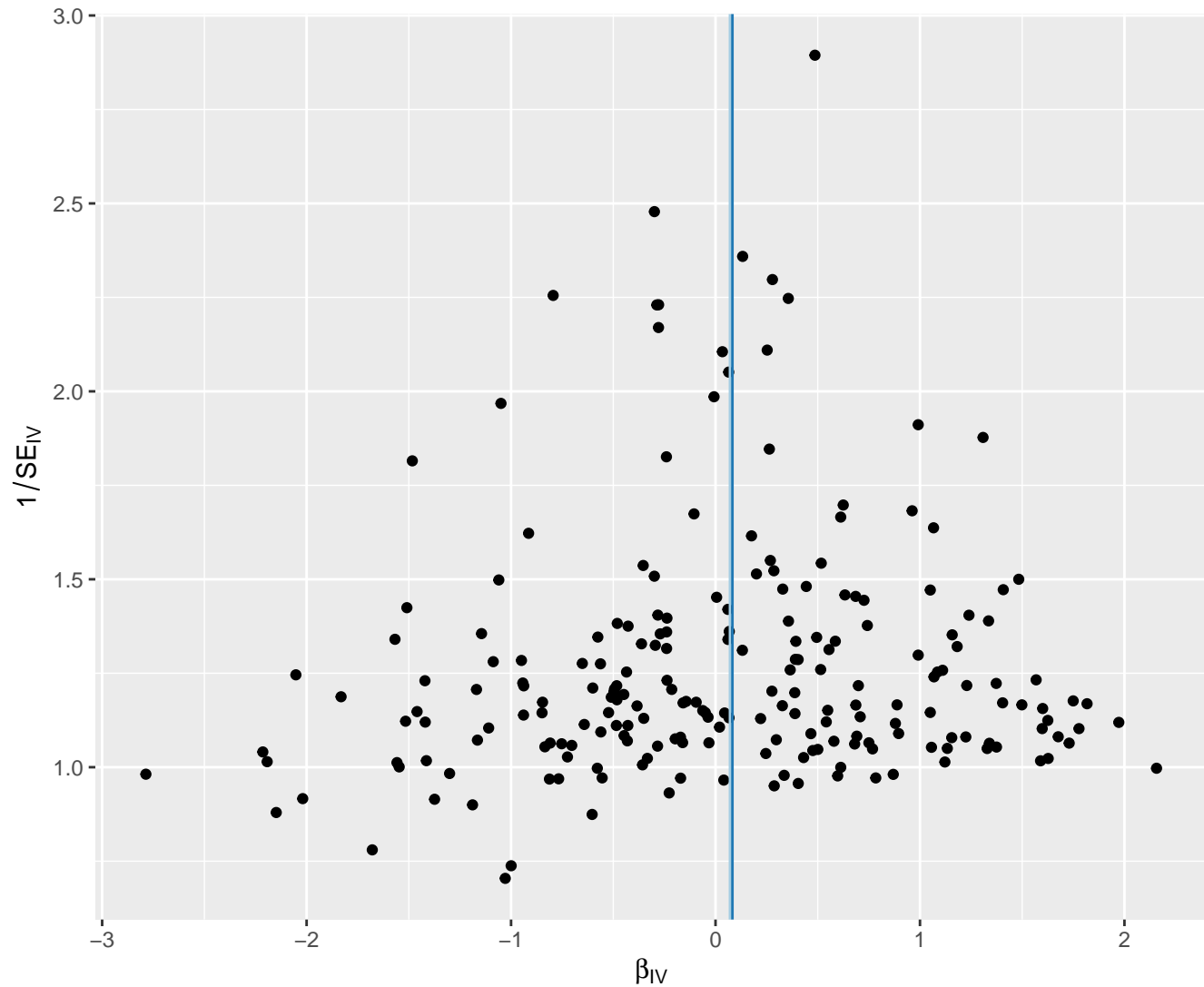
# Glutamine

MR Method



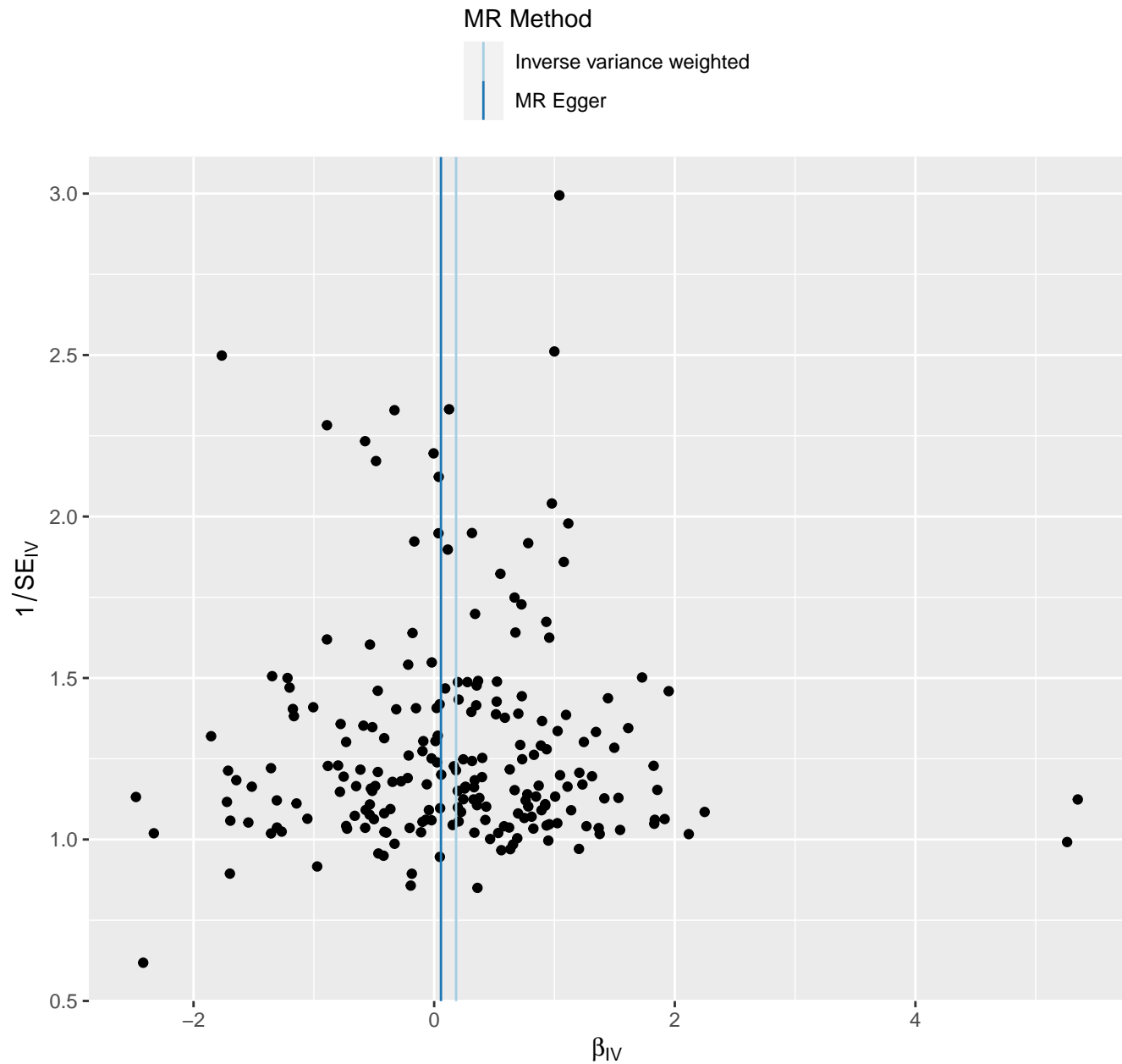
# Glycerol

MR Method



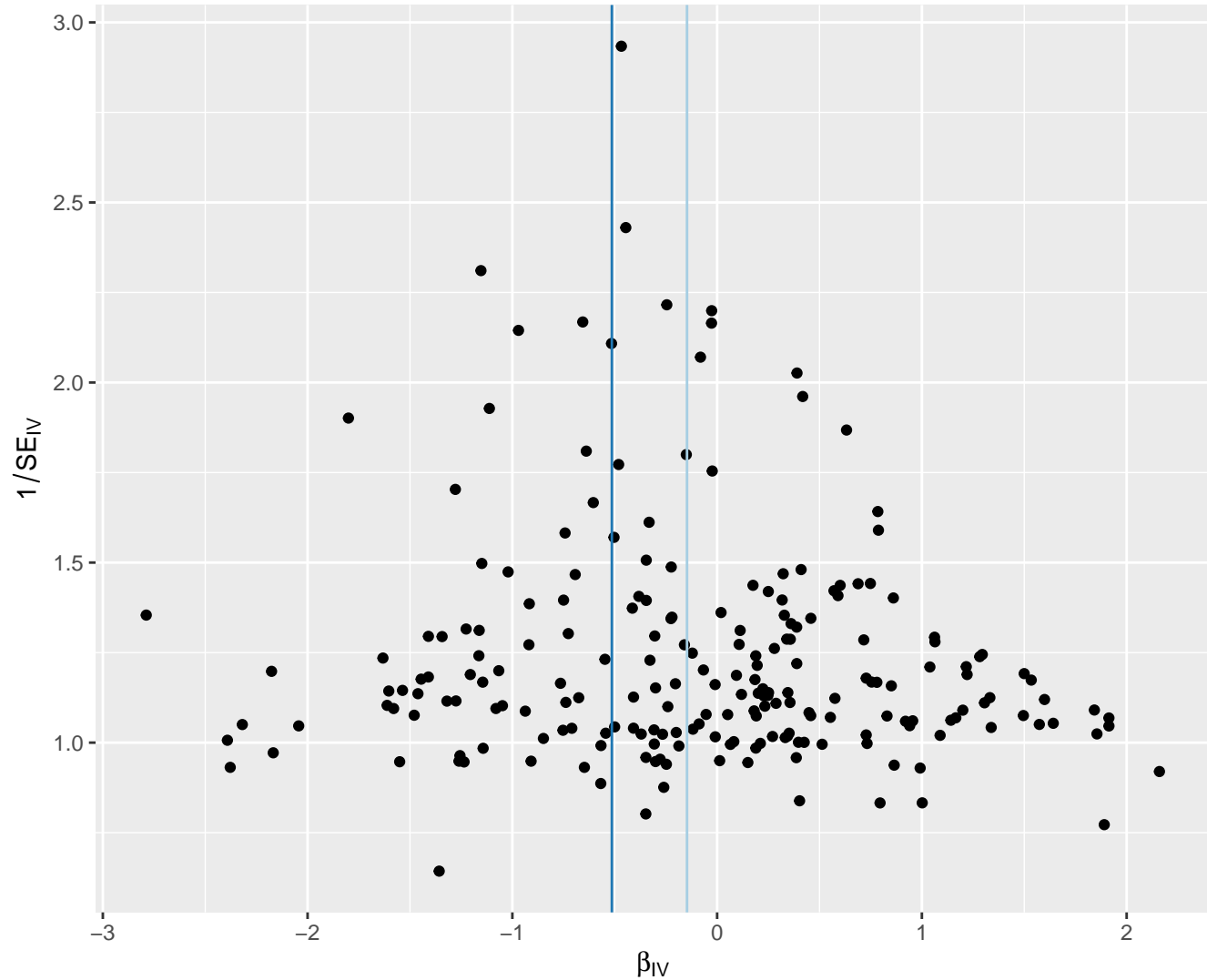


# Glycoprotein acetyls



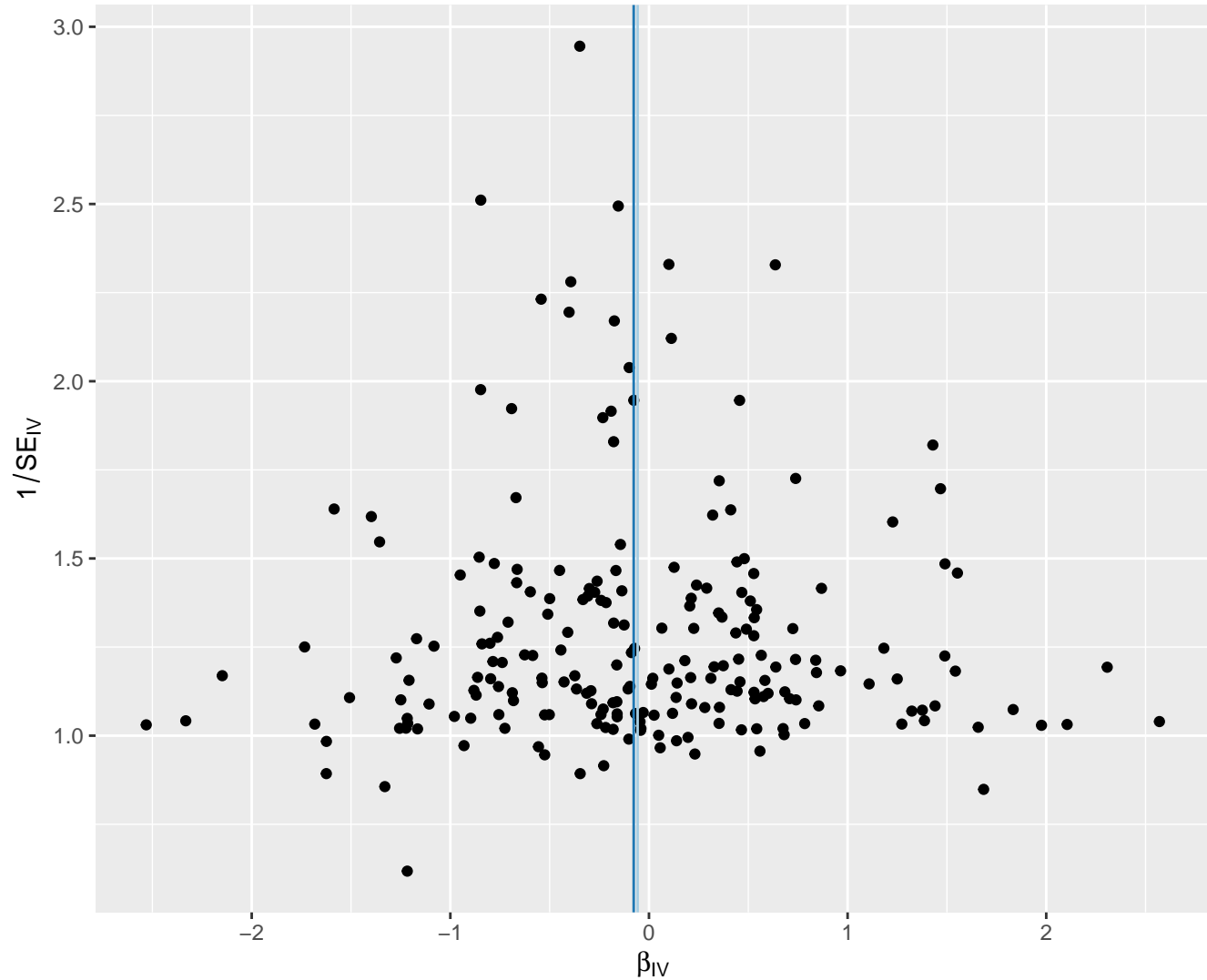
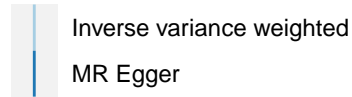
# Glycoproteins

MR Method



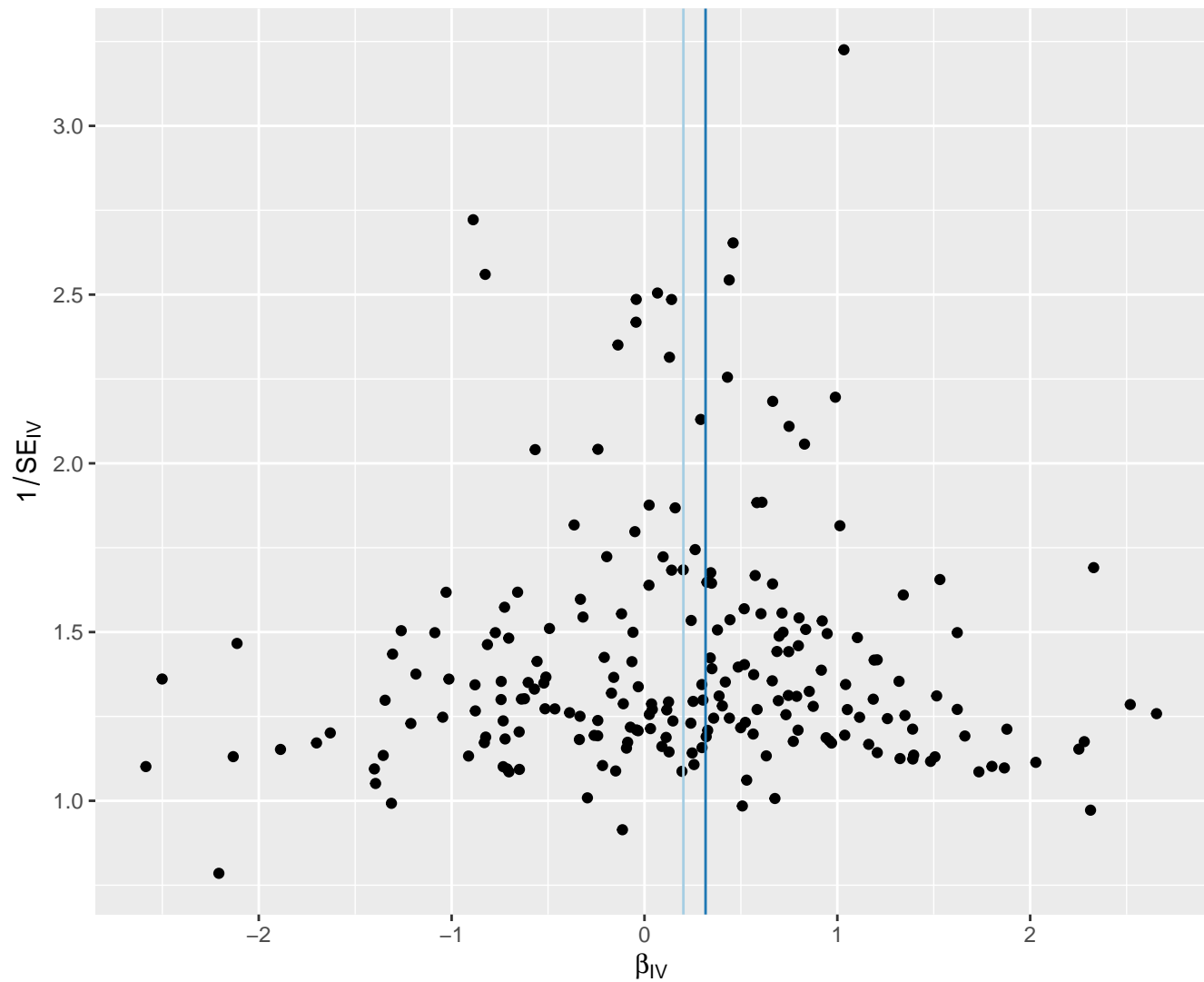
# Histidine

MR Method



# Isoleucine

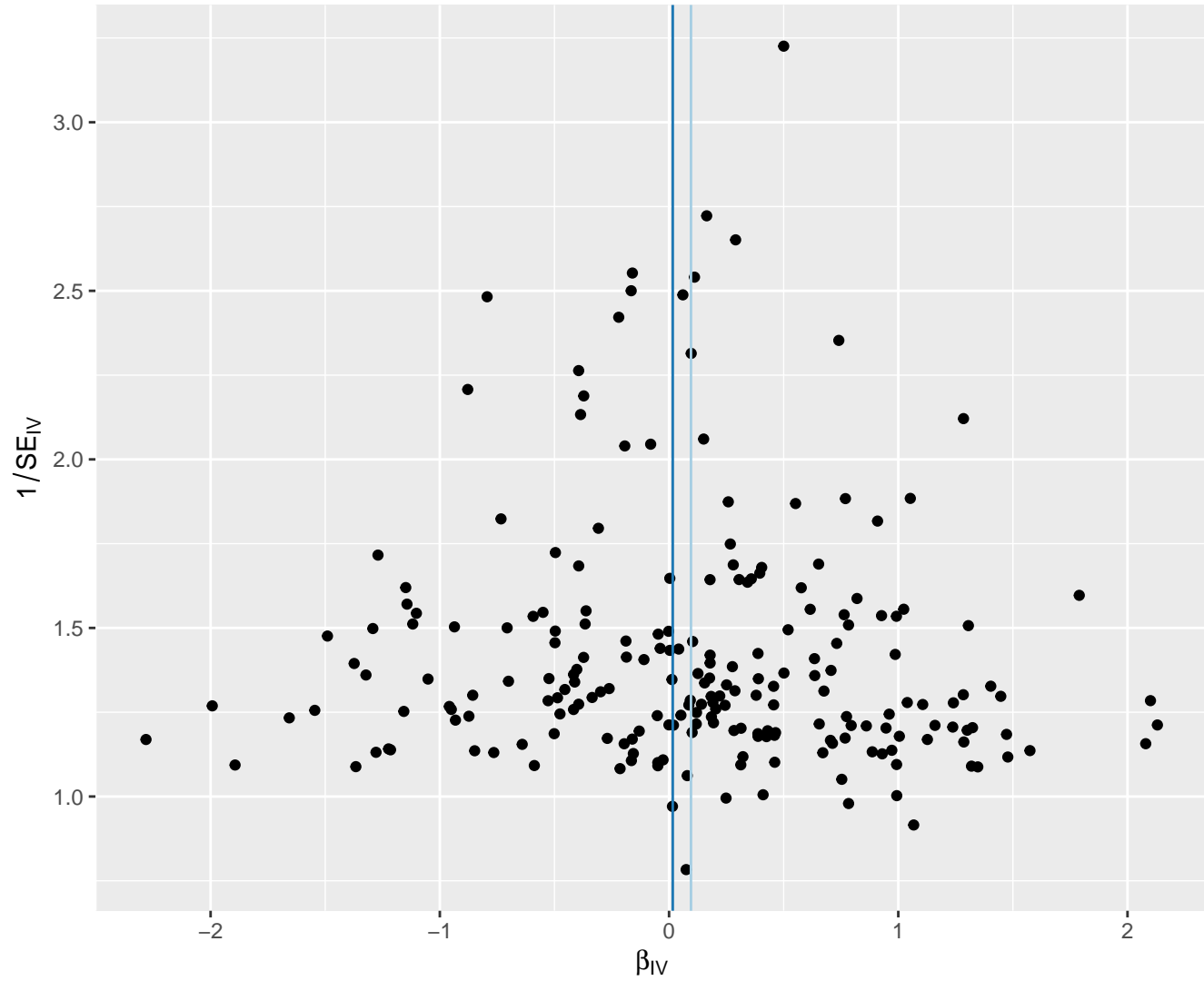
MR Method



# Lactate

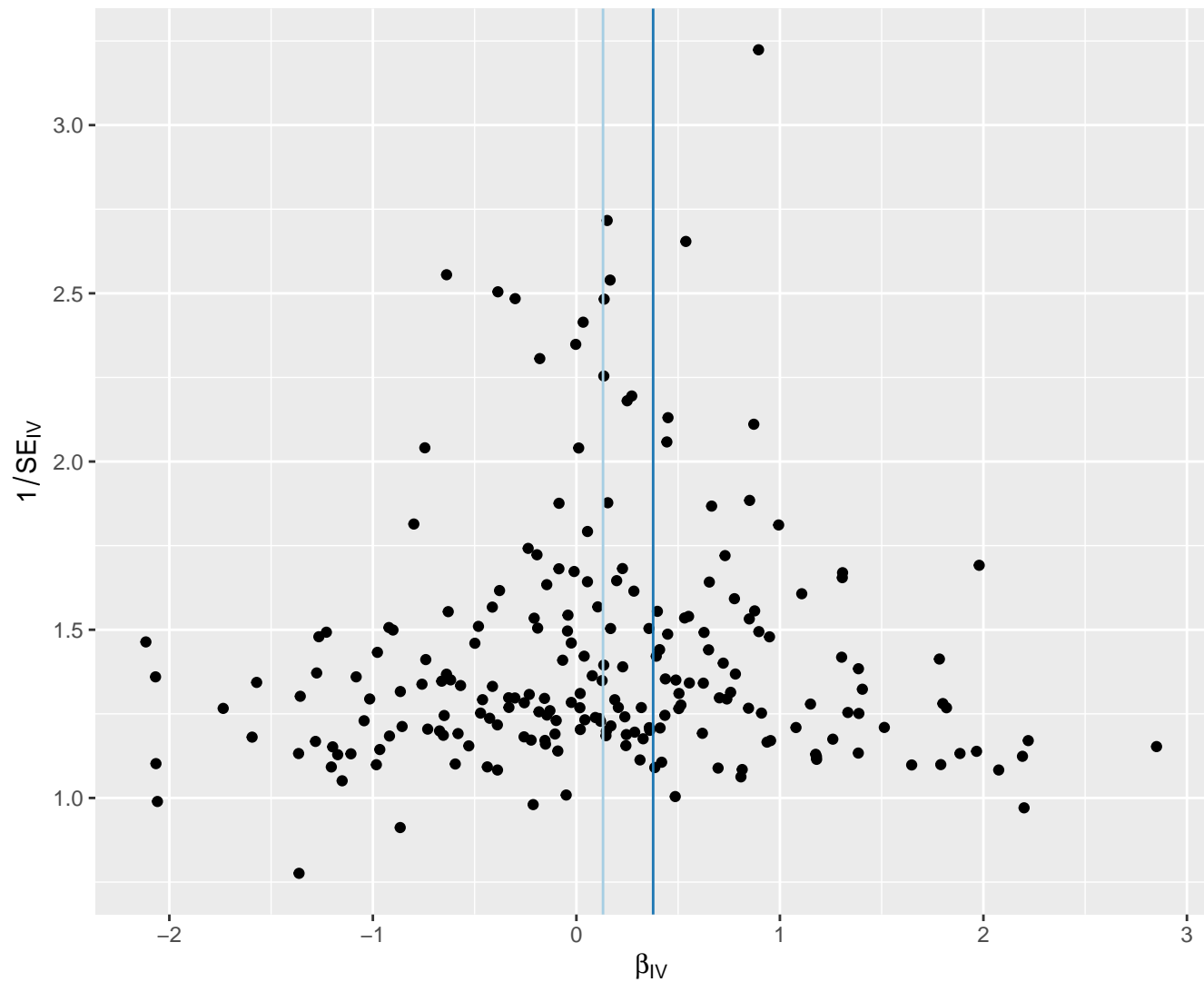
## MR Method

- Inverse variance weighted
- MR Egger



# Leucine

## MR Method

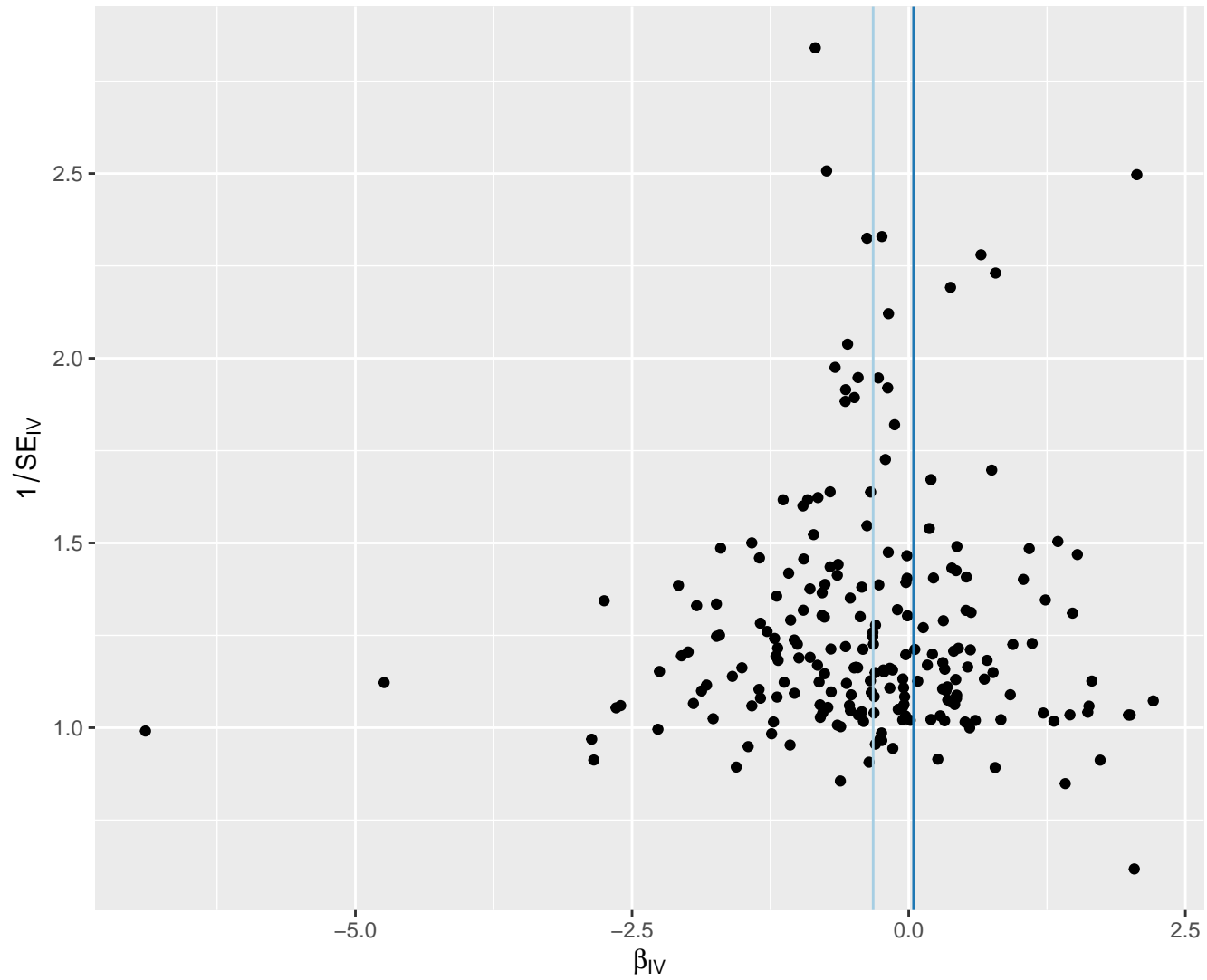


# Mean diameter for HDL particles

MR Method

Inverse variance weighted

MR Egger

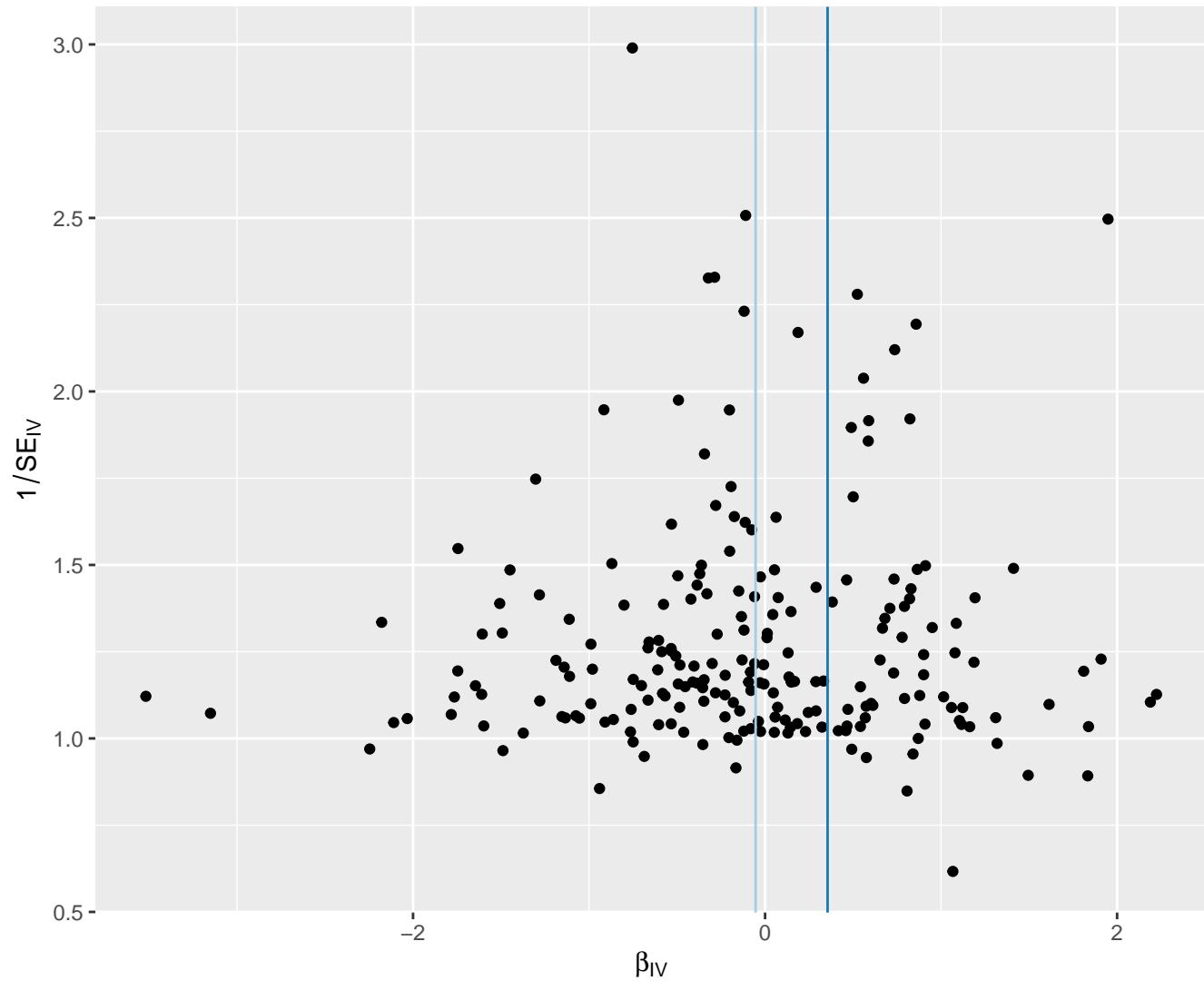


# Mean diameter for LDL particles

MR Method

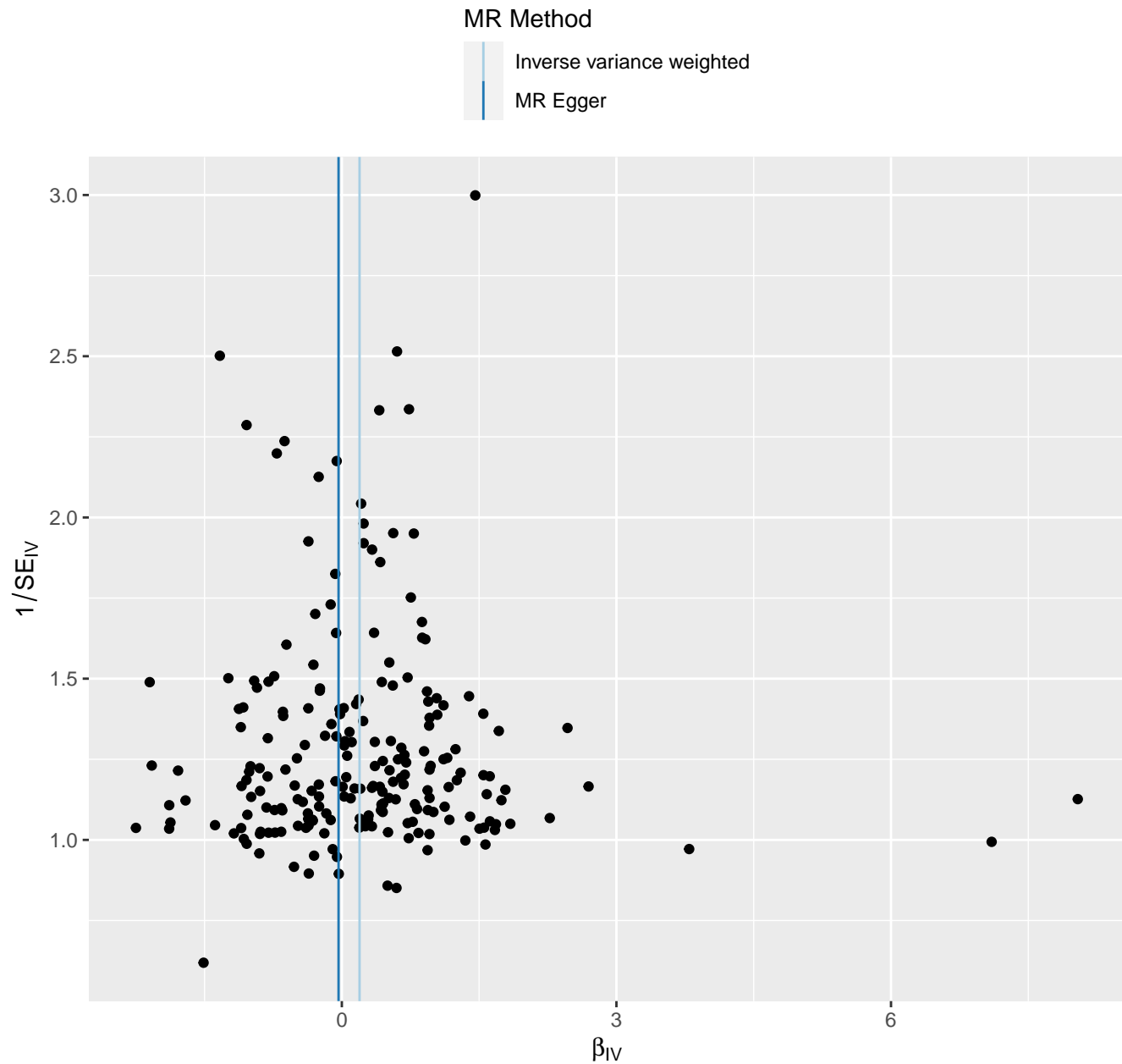
Inverse variance weighted

MR Egger

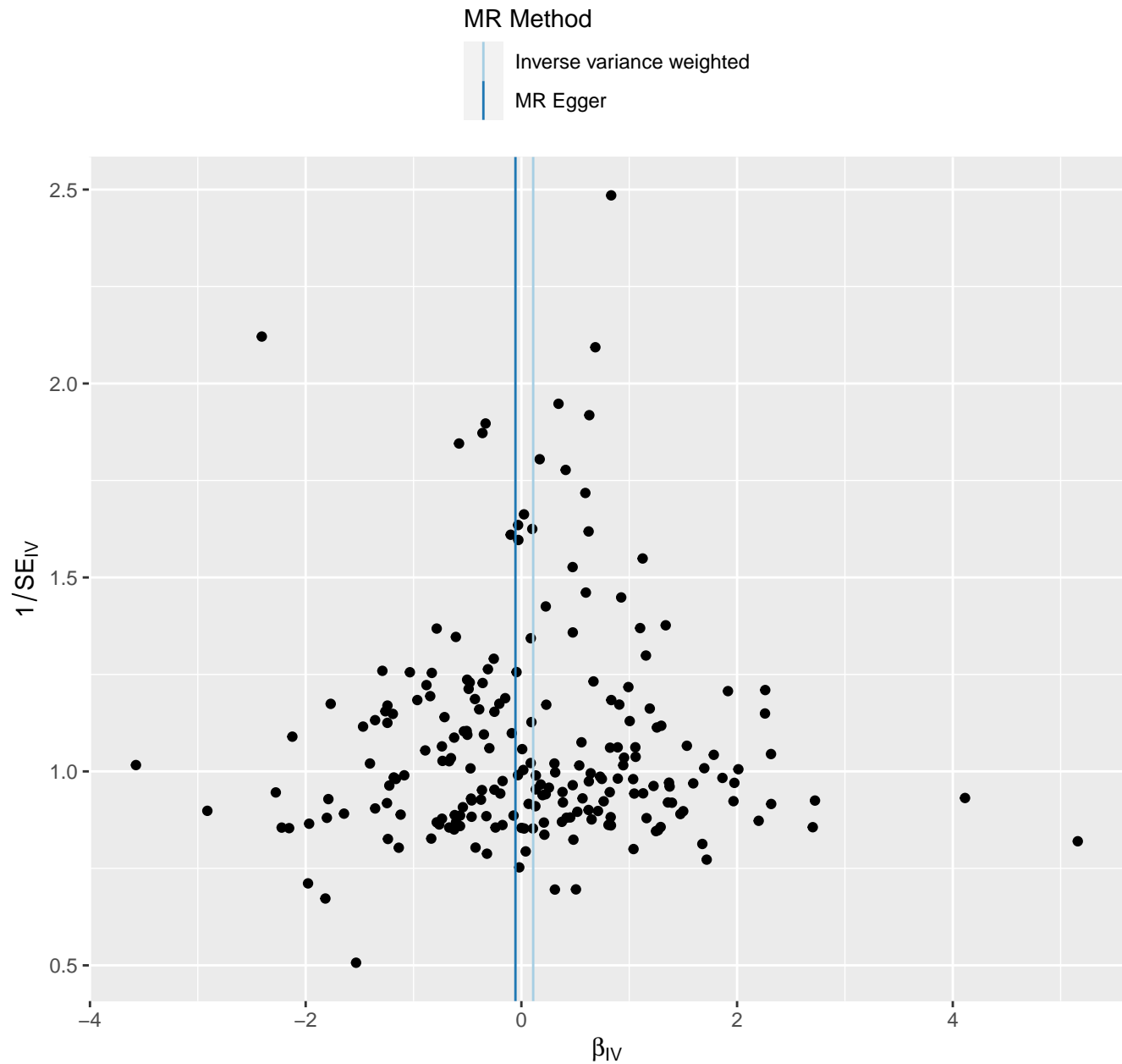




# Mean diameter for VLDL particles

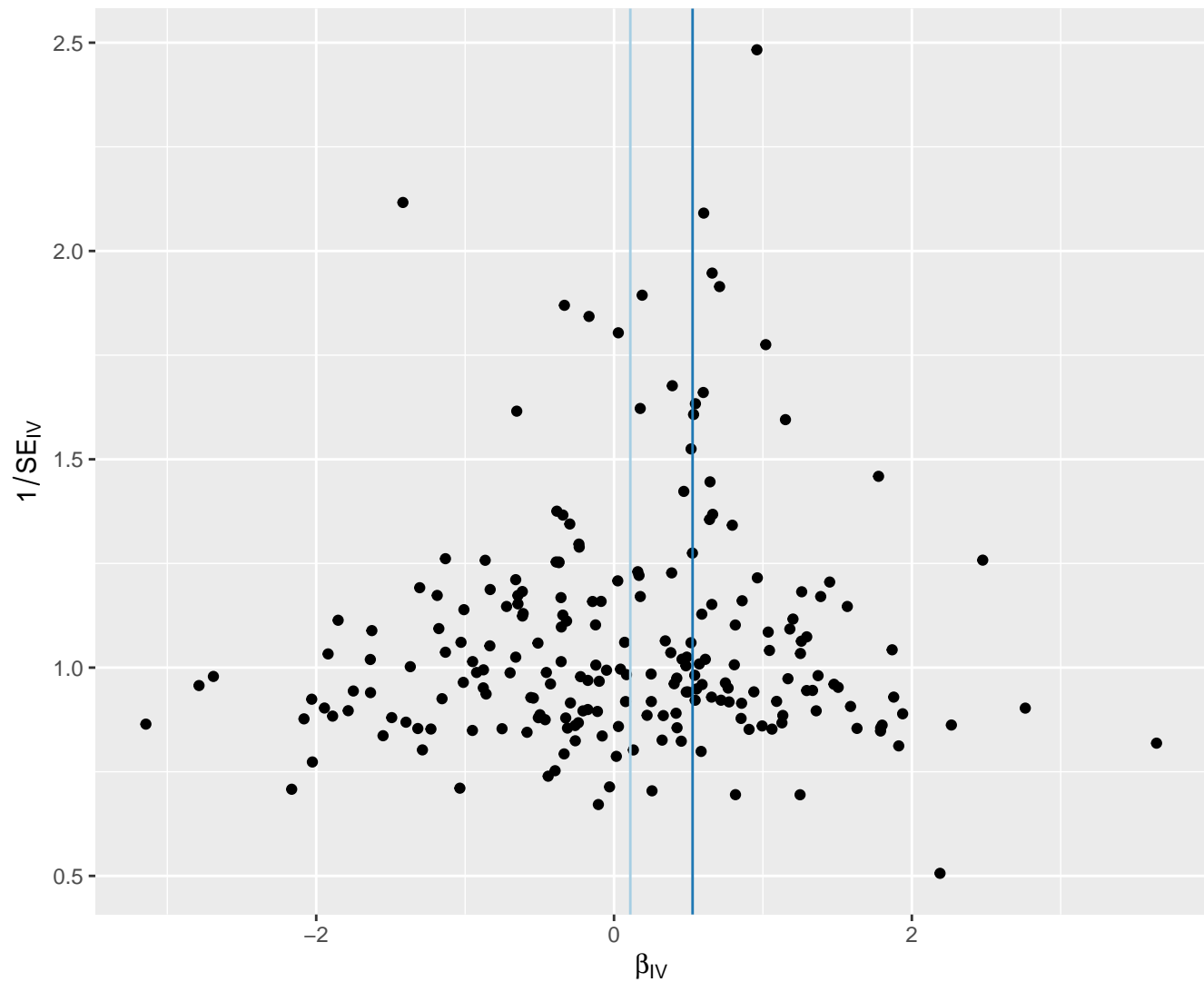


# Mono-unsaturated fatty acids



# Omega-3 fatty acids

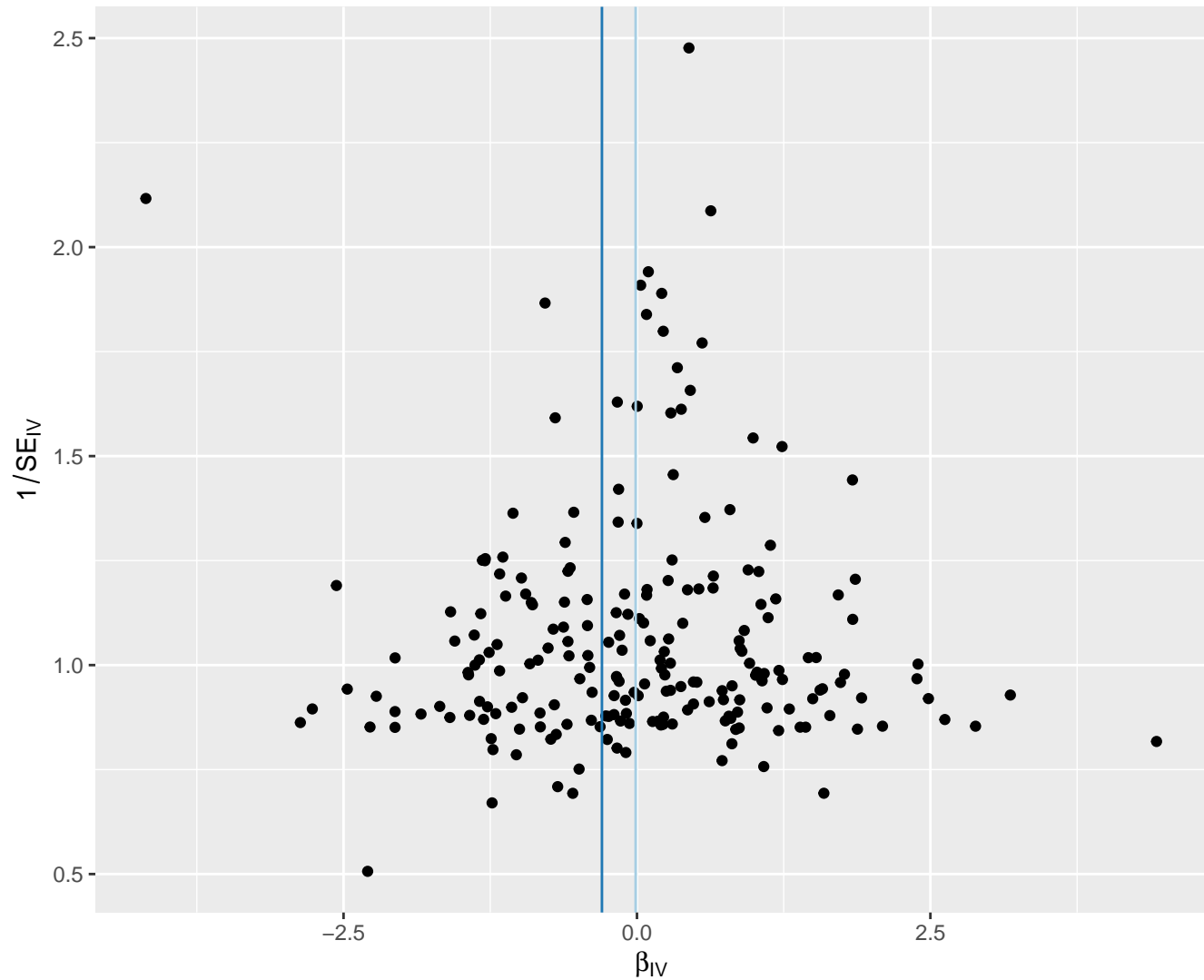
MR Method



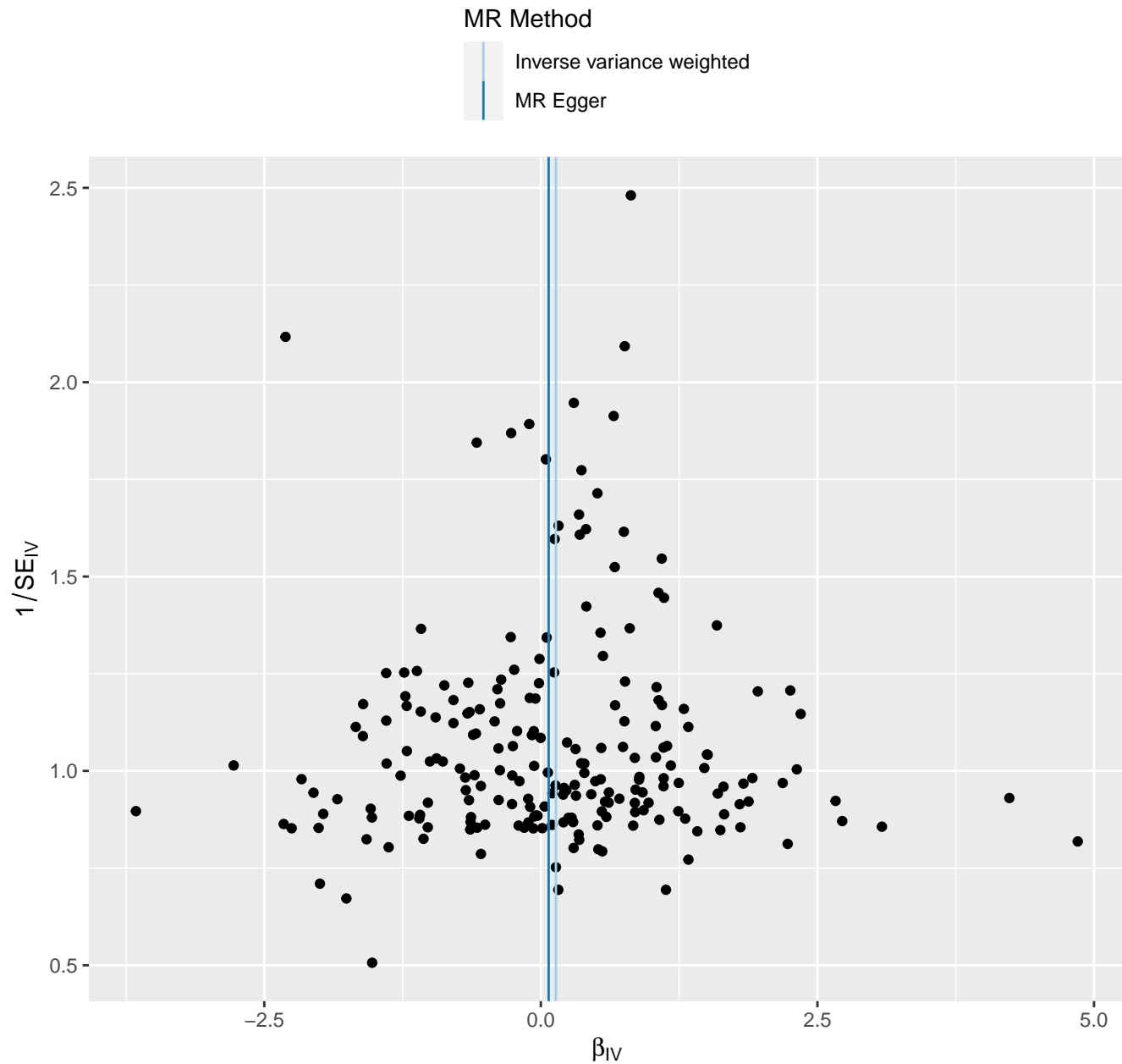
# Omega-6 fatty acids

MR Method

Inverse variance weighted  
MR Egger



# Omega-7, omega-9 and saturated fatty acids

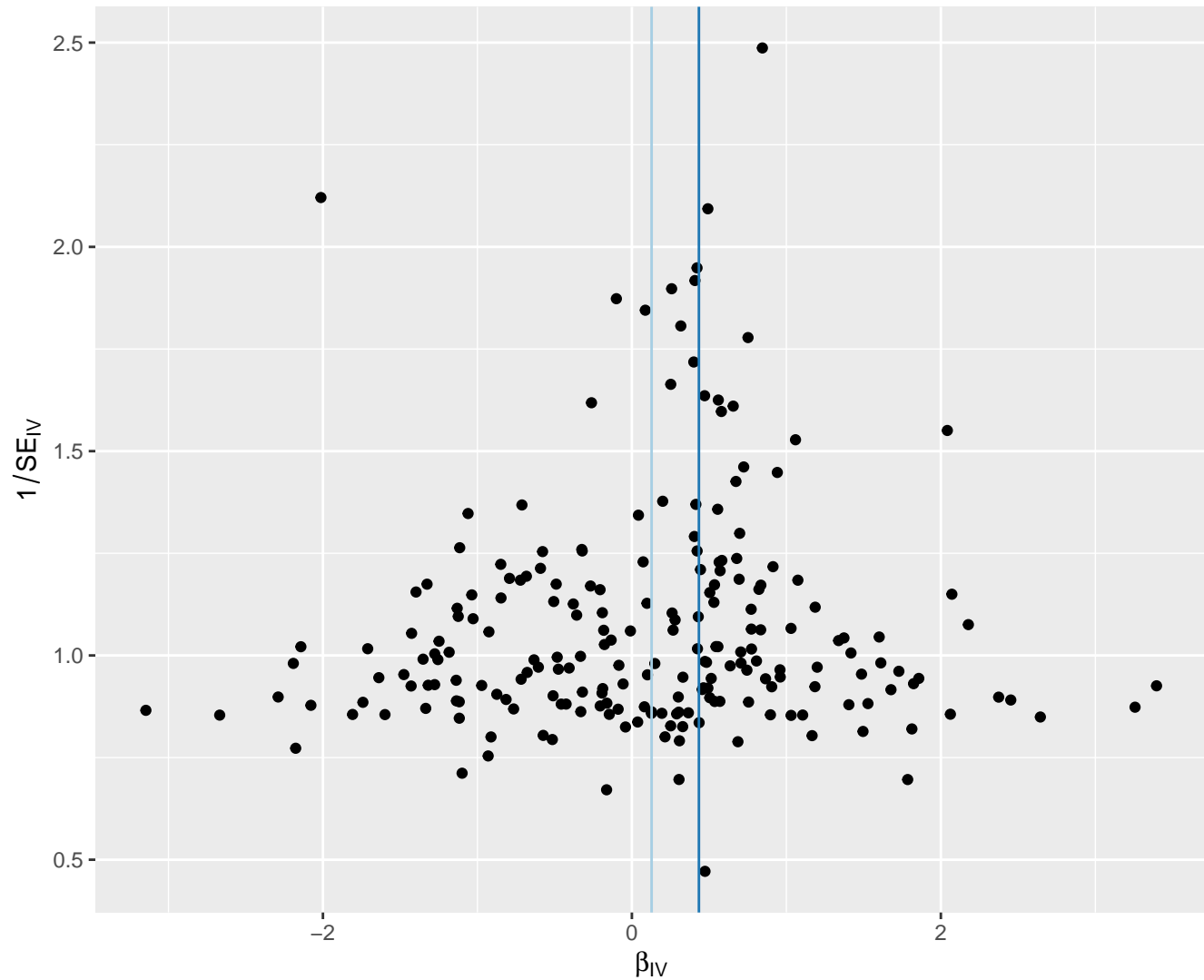


# Other polyunsaturated fatty acids than 18:2

MR Method

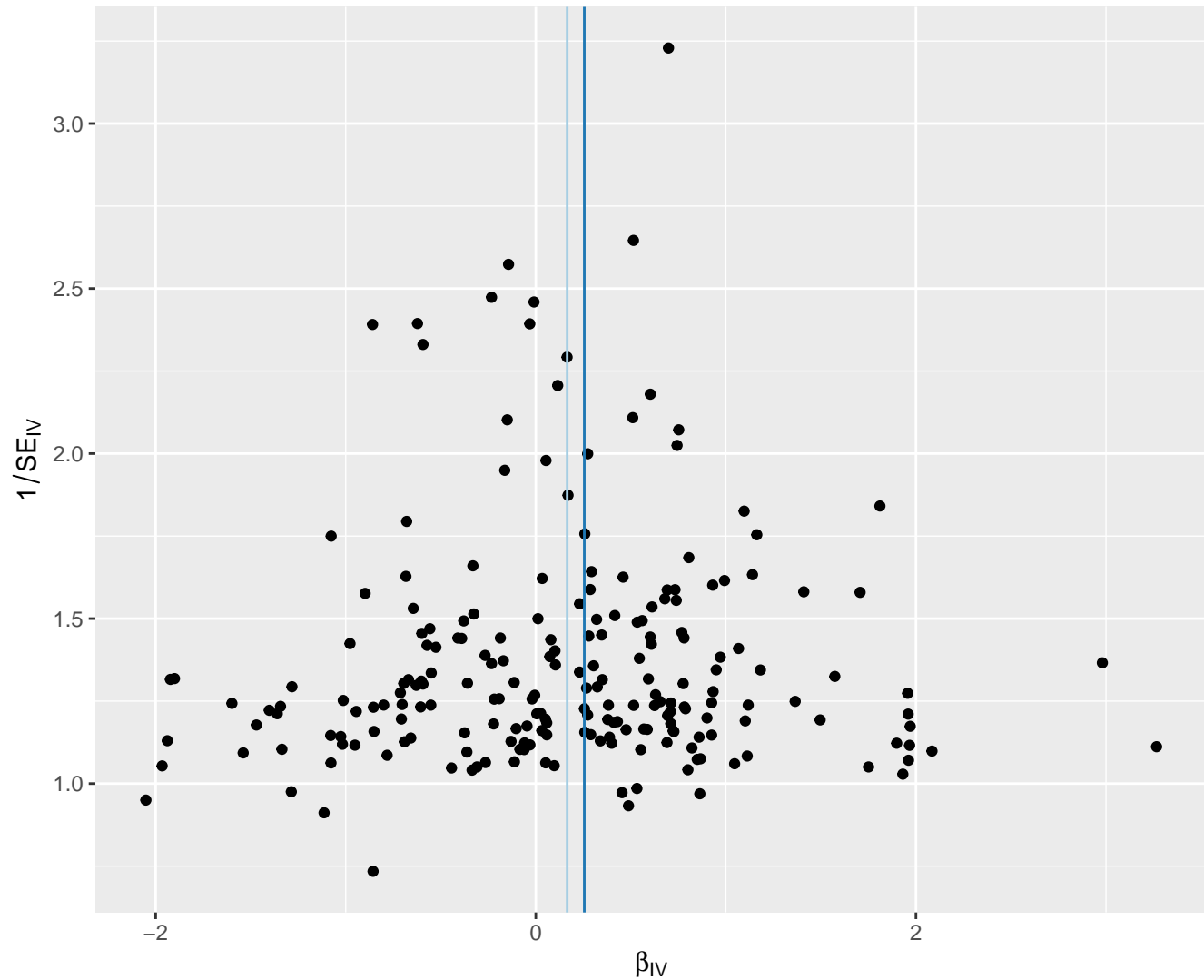
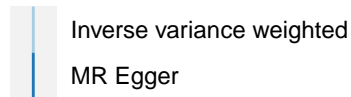
Inverse variance weighted

MR Egger



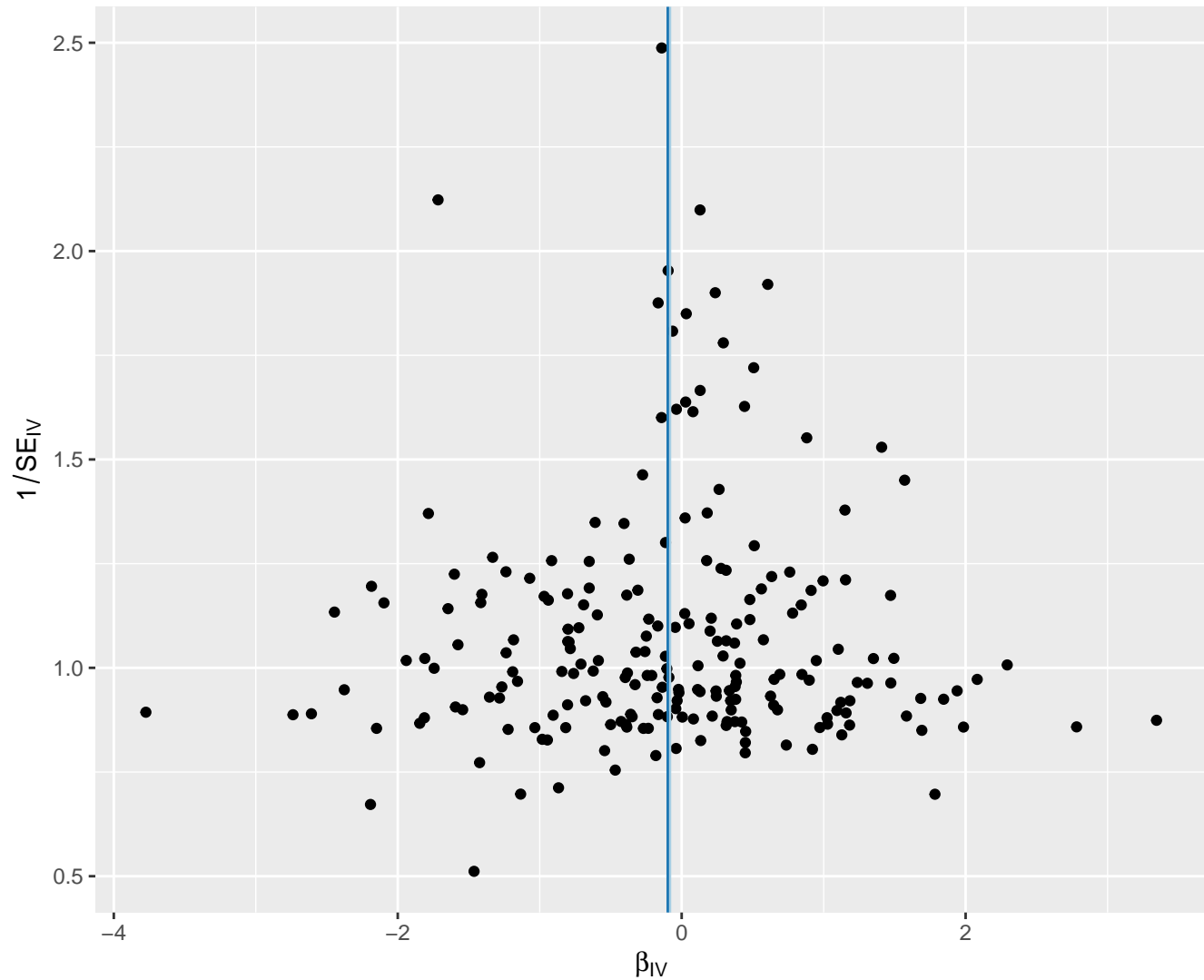
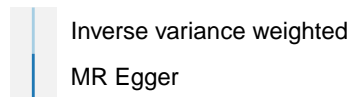
# Phenylalanine

MR Method



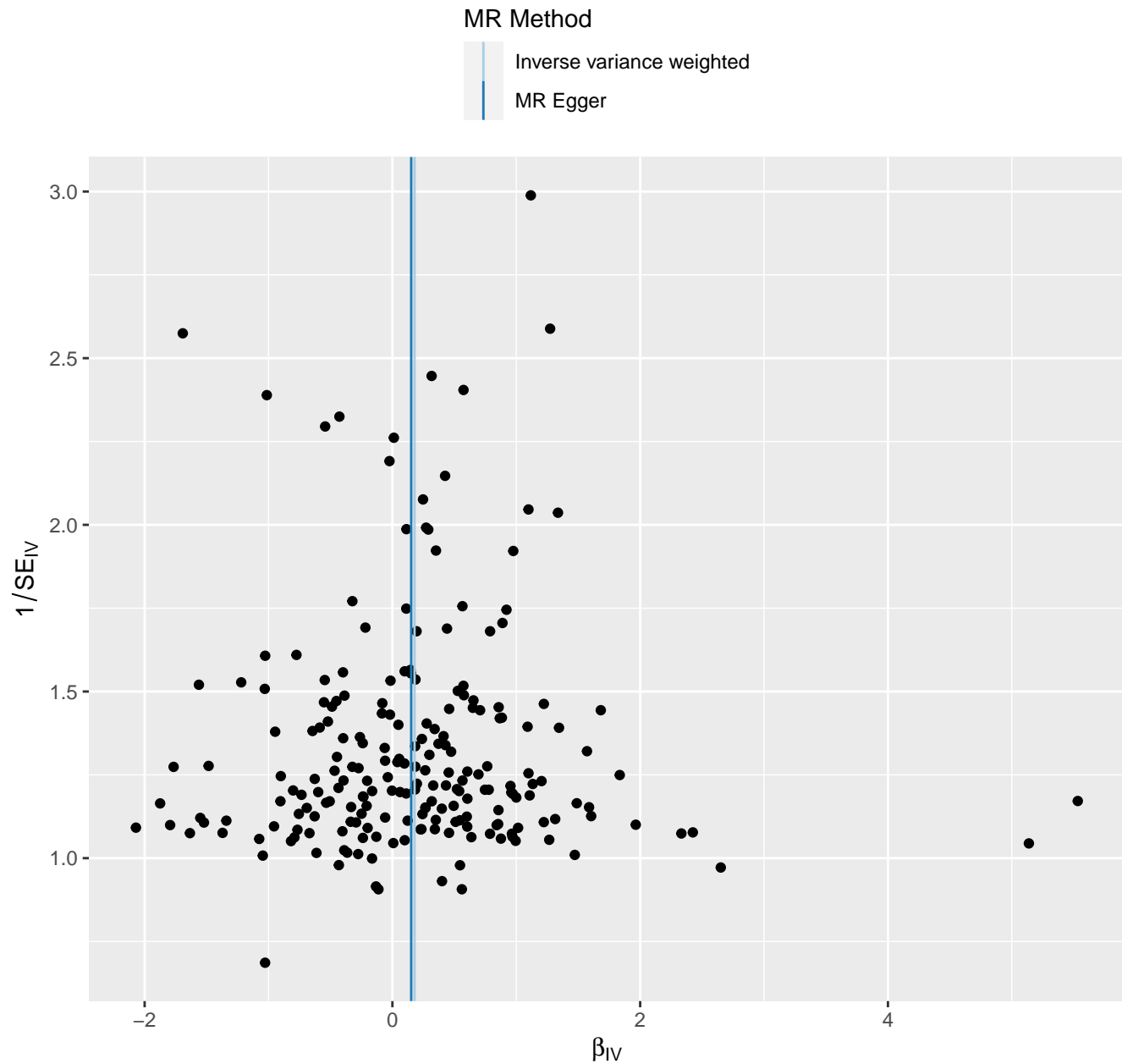
# Phosphatidylcholine and other cholines

MR Method





# Phospholipids in chylomicrons and largest VLDL particles

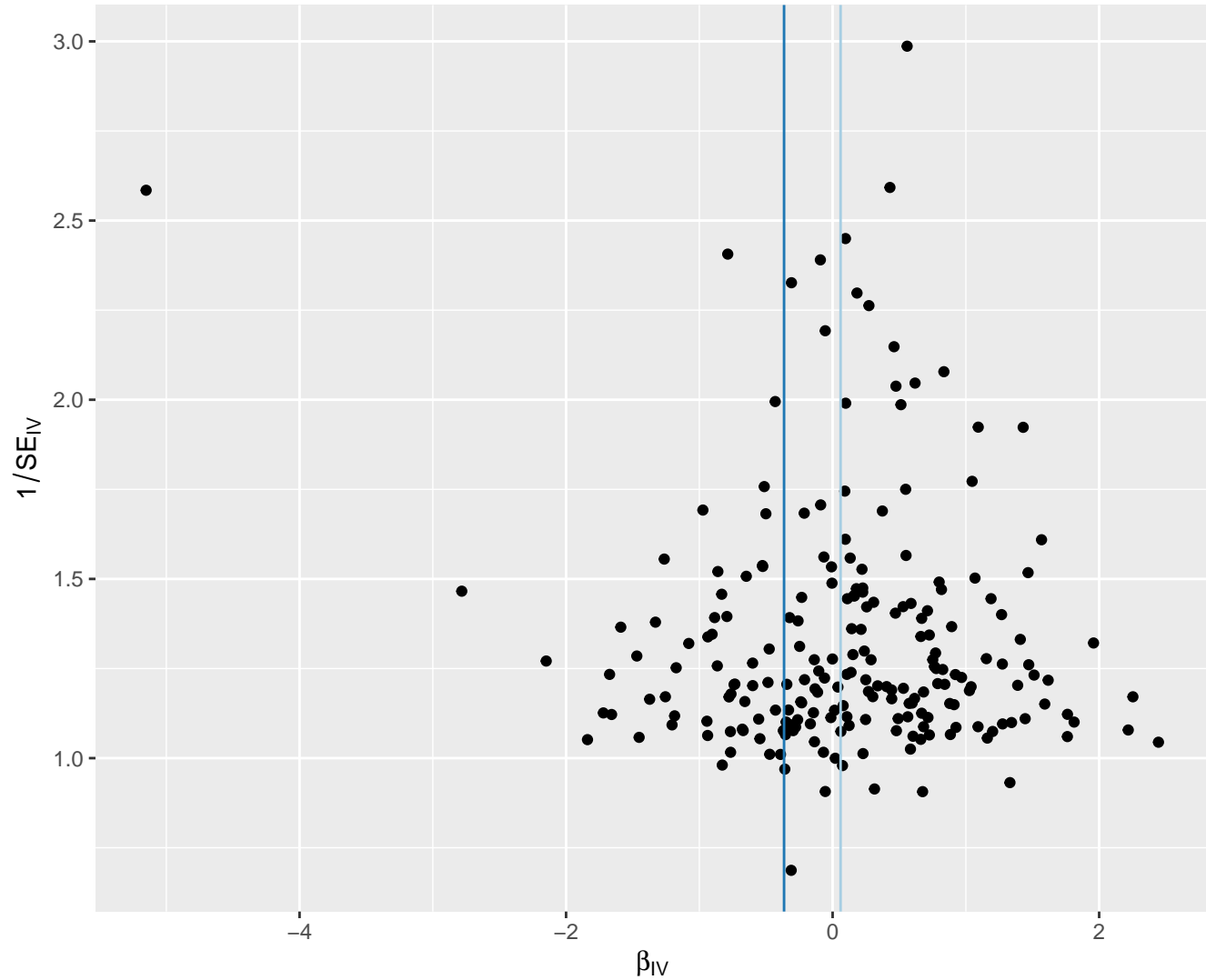


# Phospholipids in IDL

MR Method

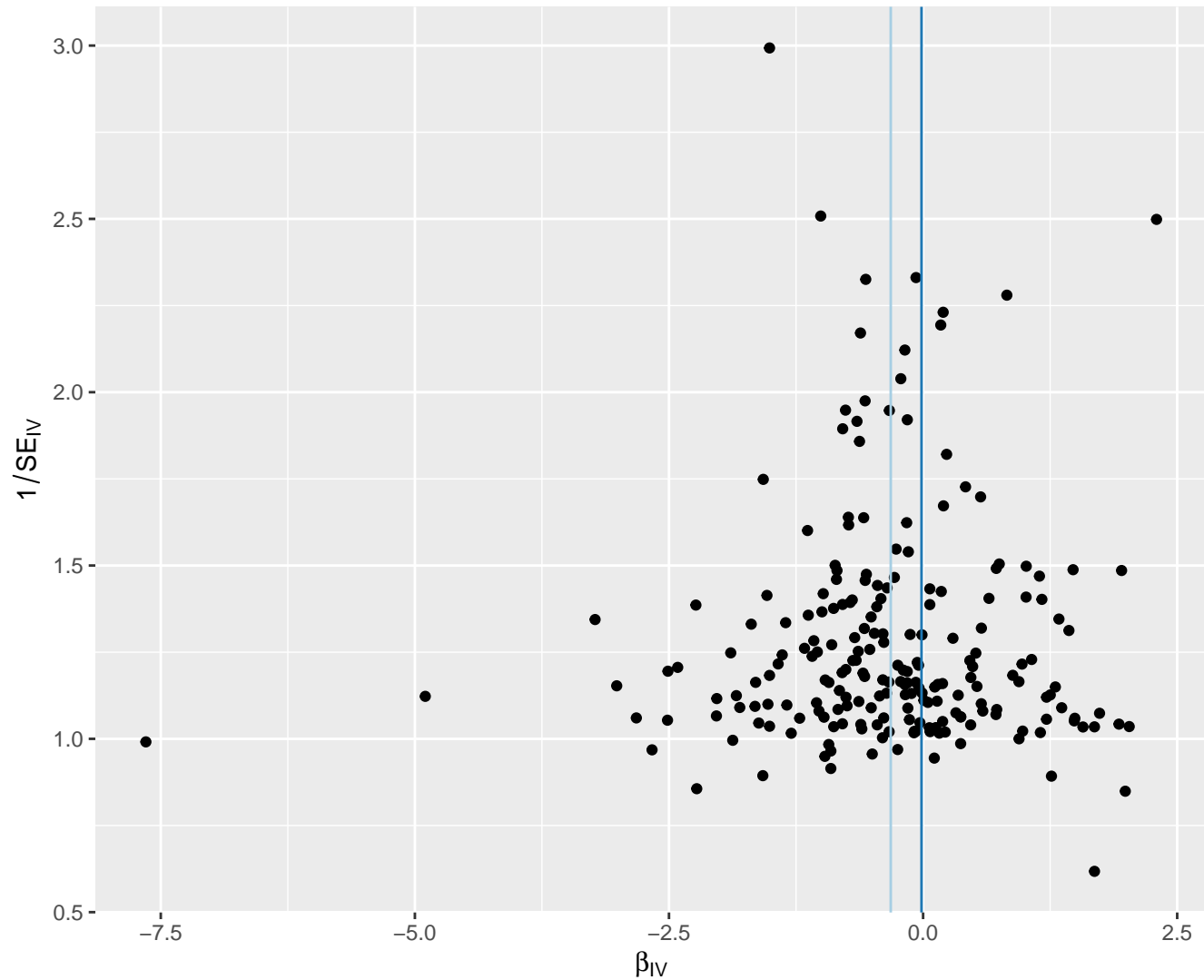
Inverse variance weighted

MR Egger



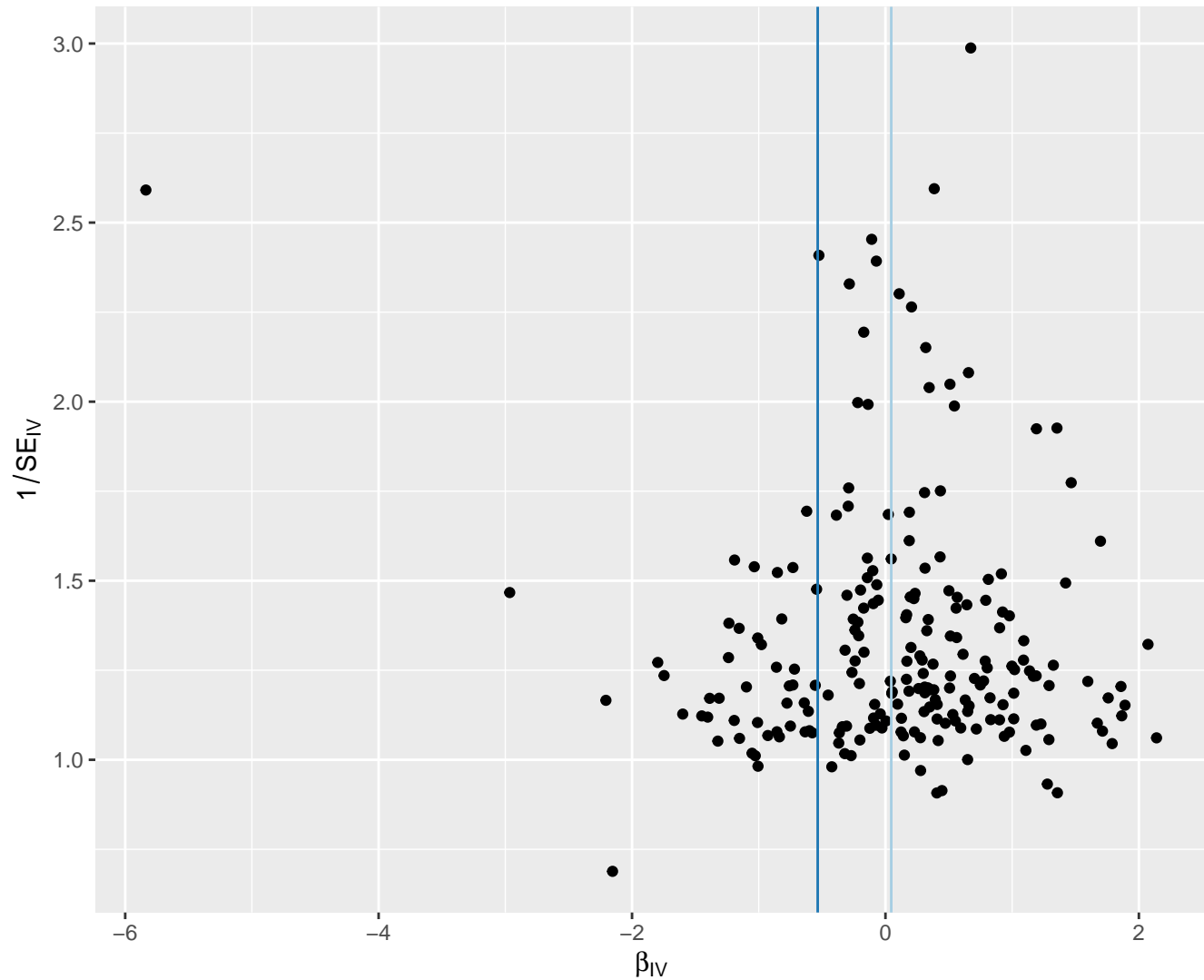
# Phospholipids in large HDL

MR Method

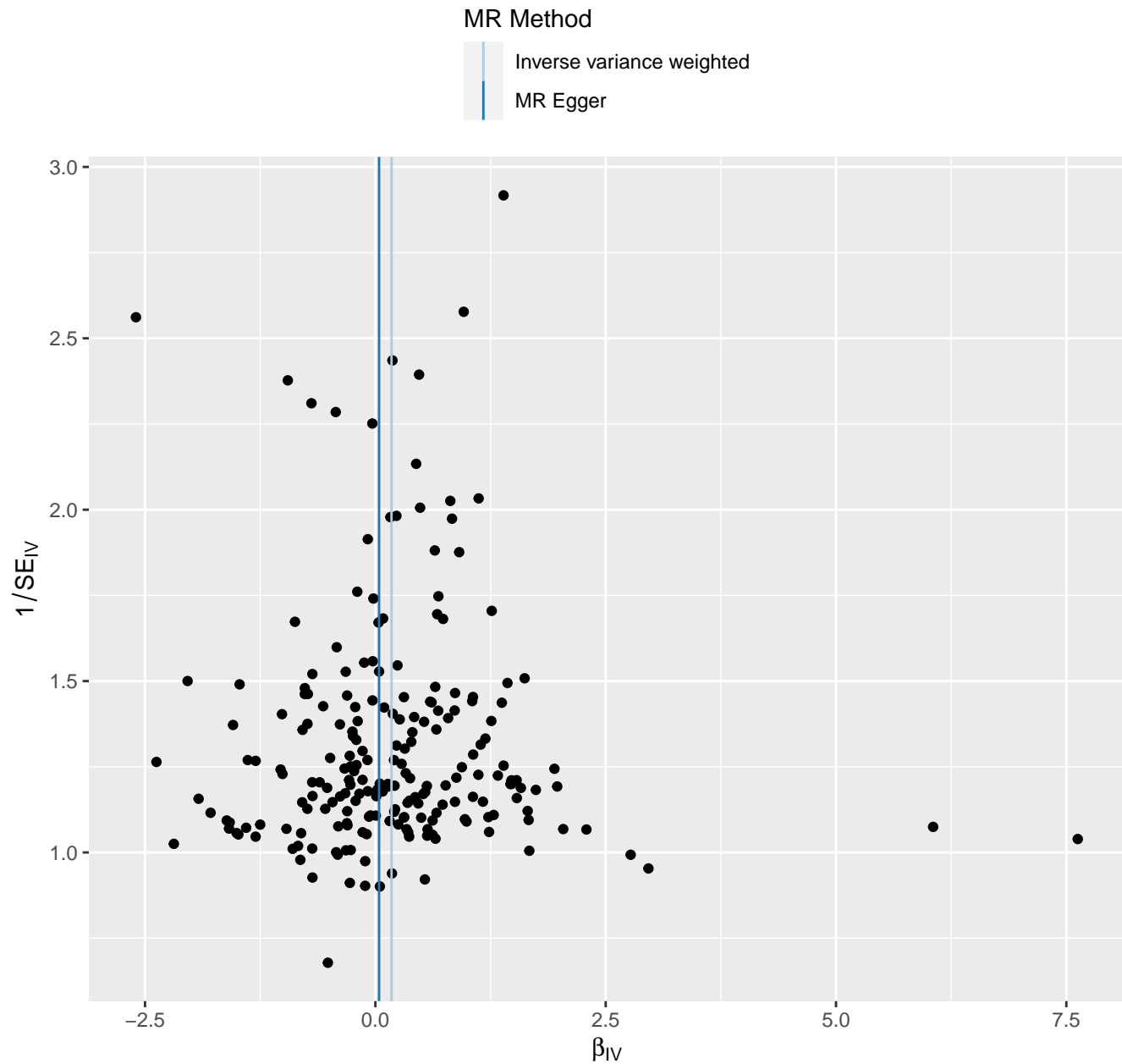


# Phospholipids in large LDL

MR Method



# Phospholipids in large VLDL

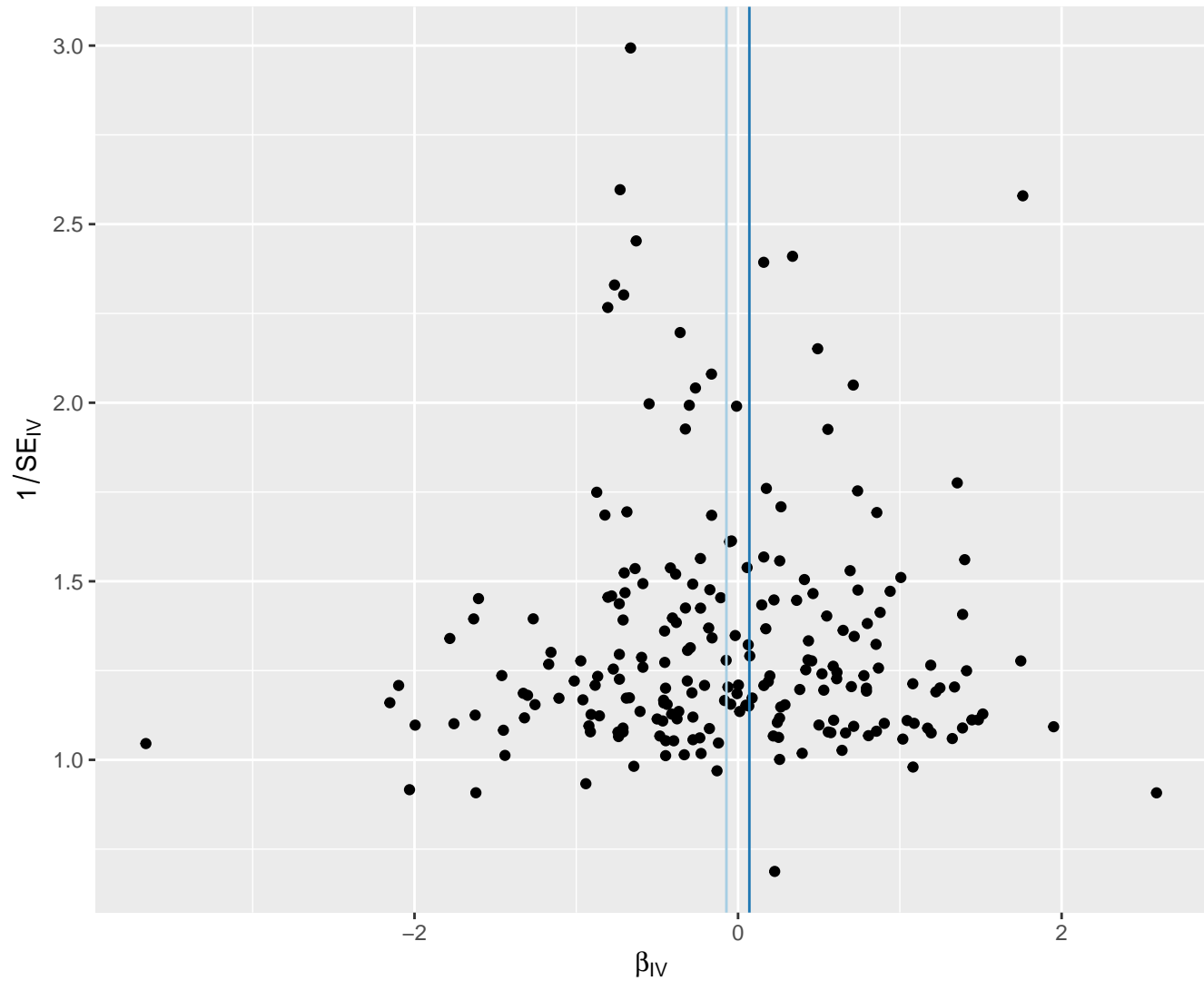


# Phospholipids in medium HDL

MR Method

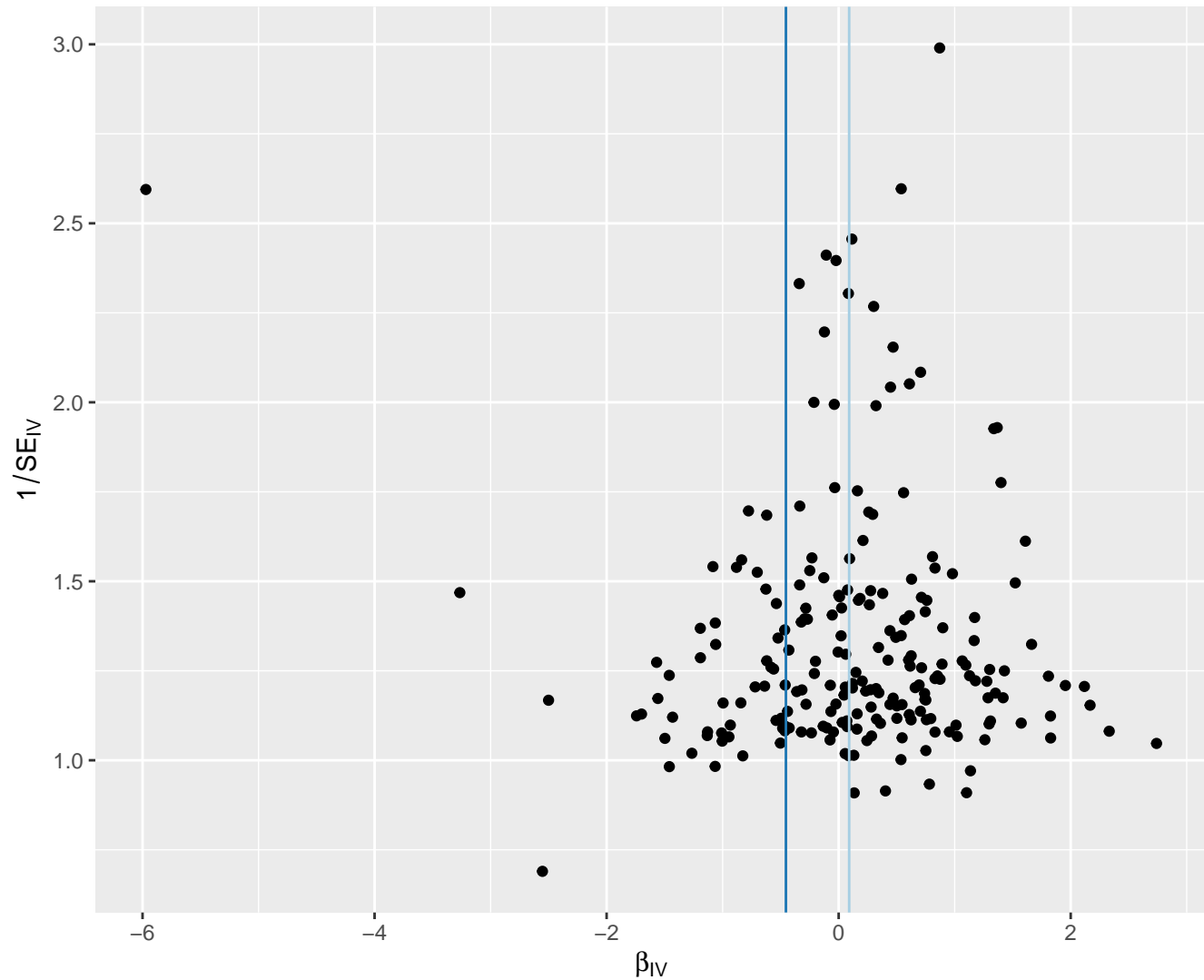
Inverse variance weighted

MR Egger

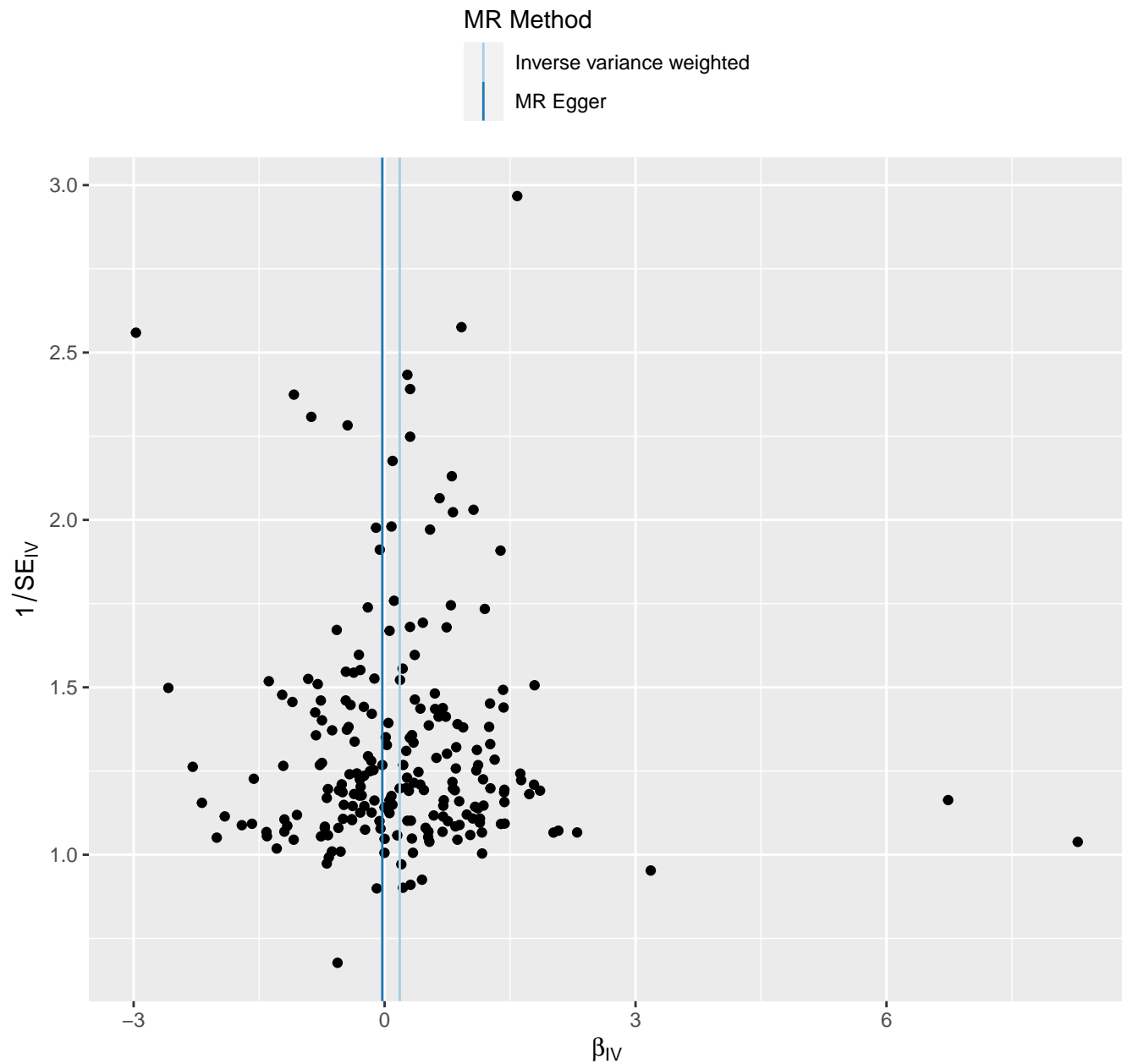


# Phospholipids in medium LDL

MR Method

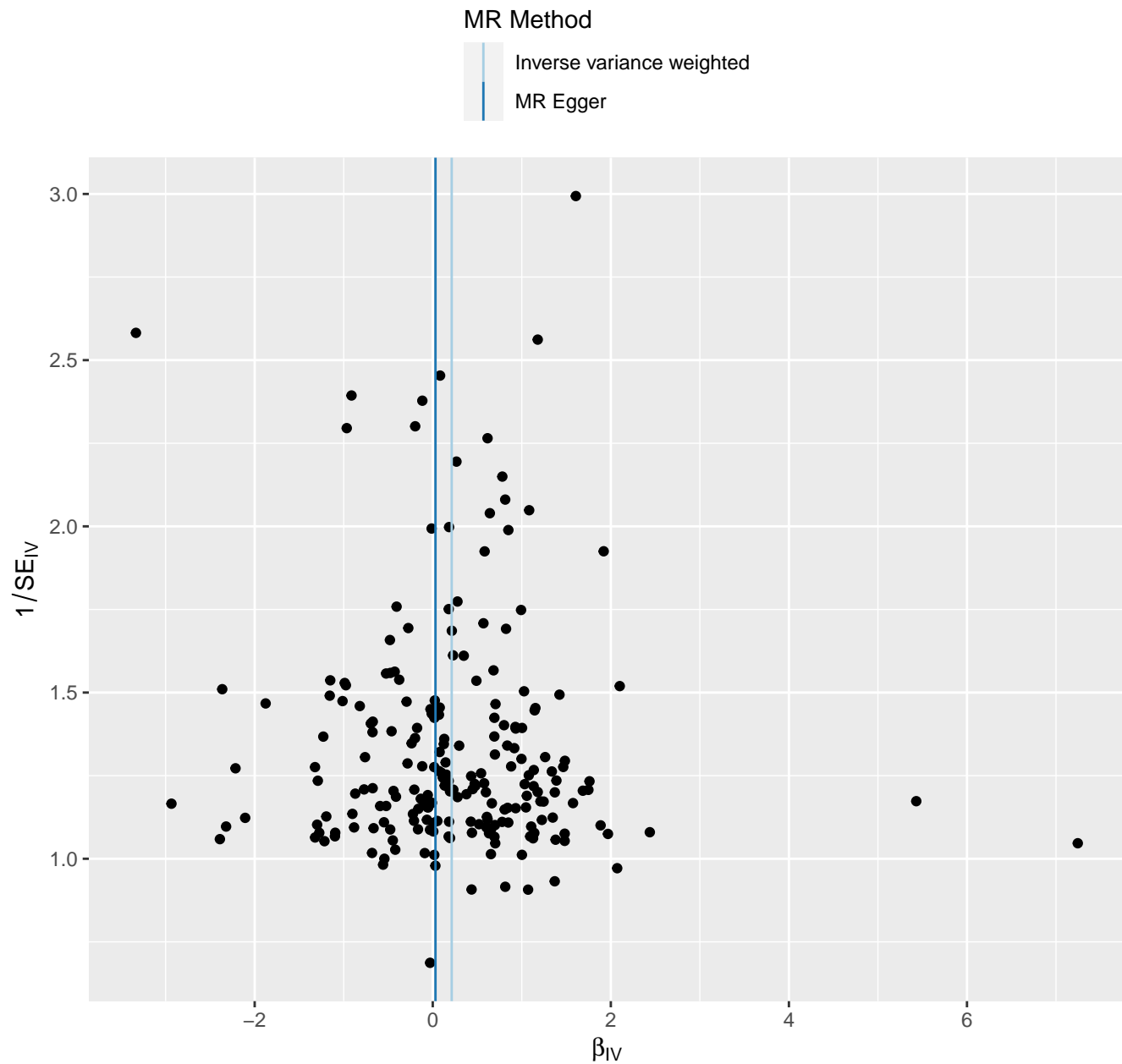


# Phospholipids in medium VLDL



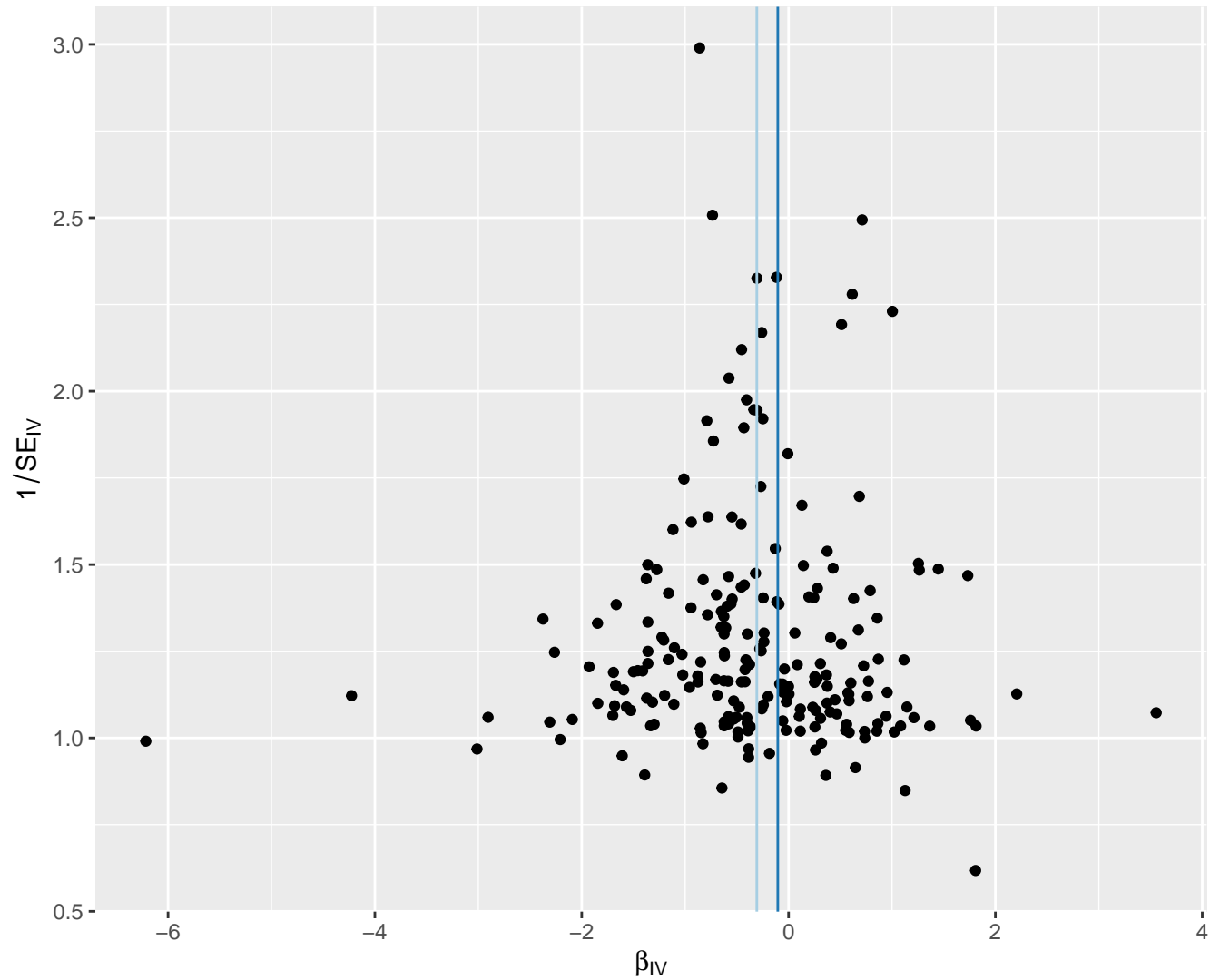


# Phospholipids in small VLDL

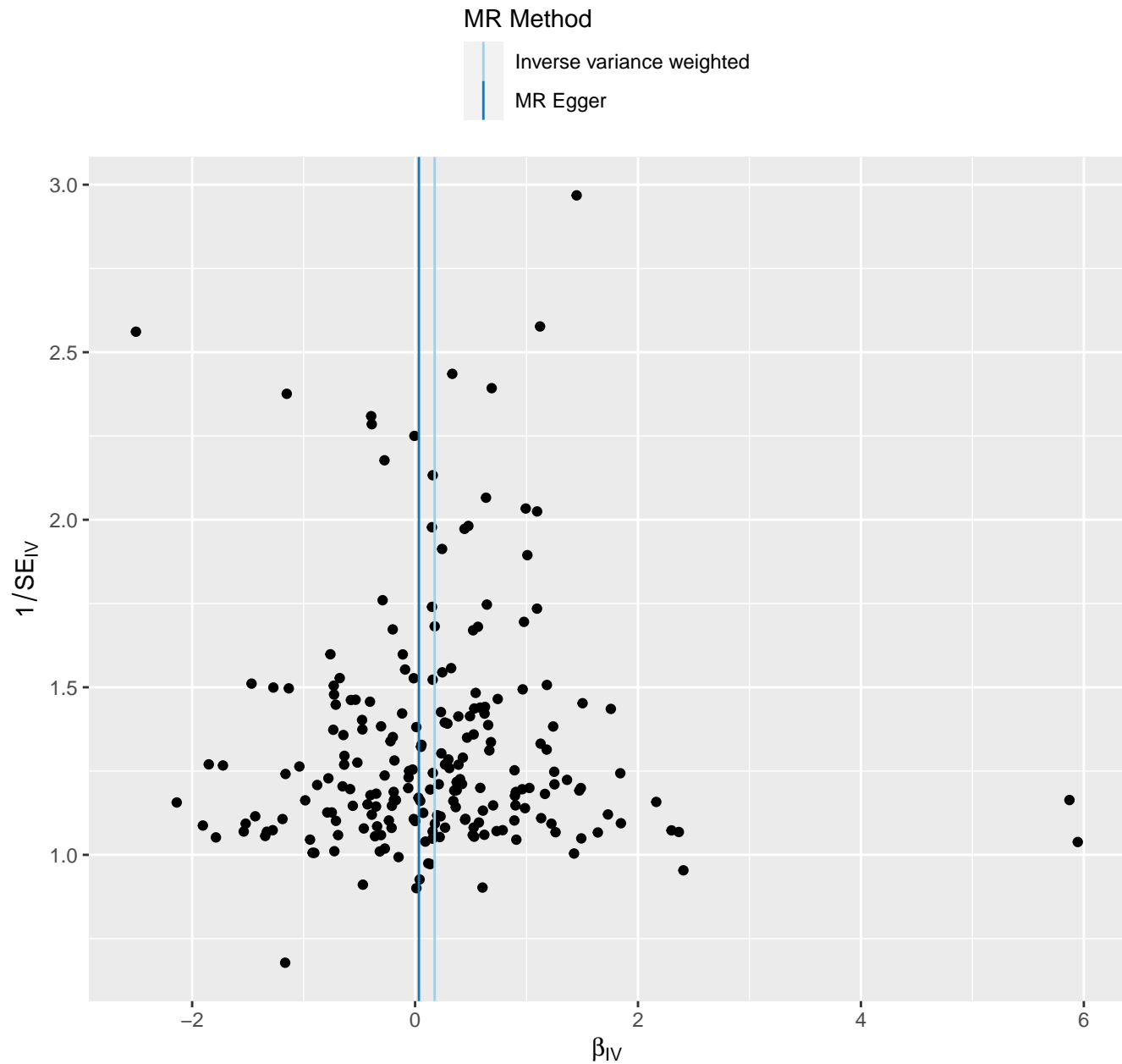


# Phospholipids in very large HDL

MR Method



# Phospholipids in very large VLDL

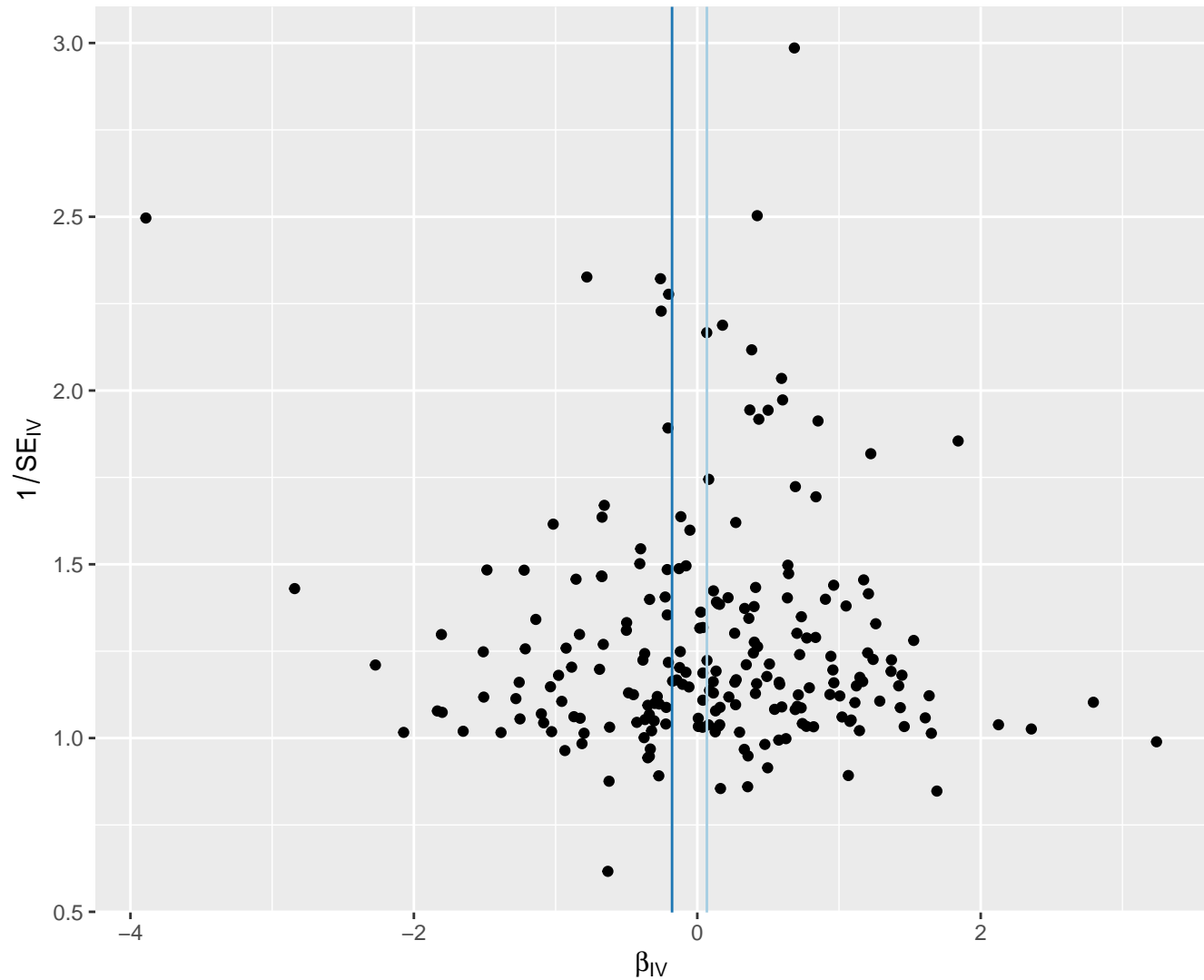


# Phospholipids in very small VLDL

MR Method

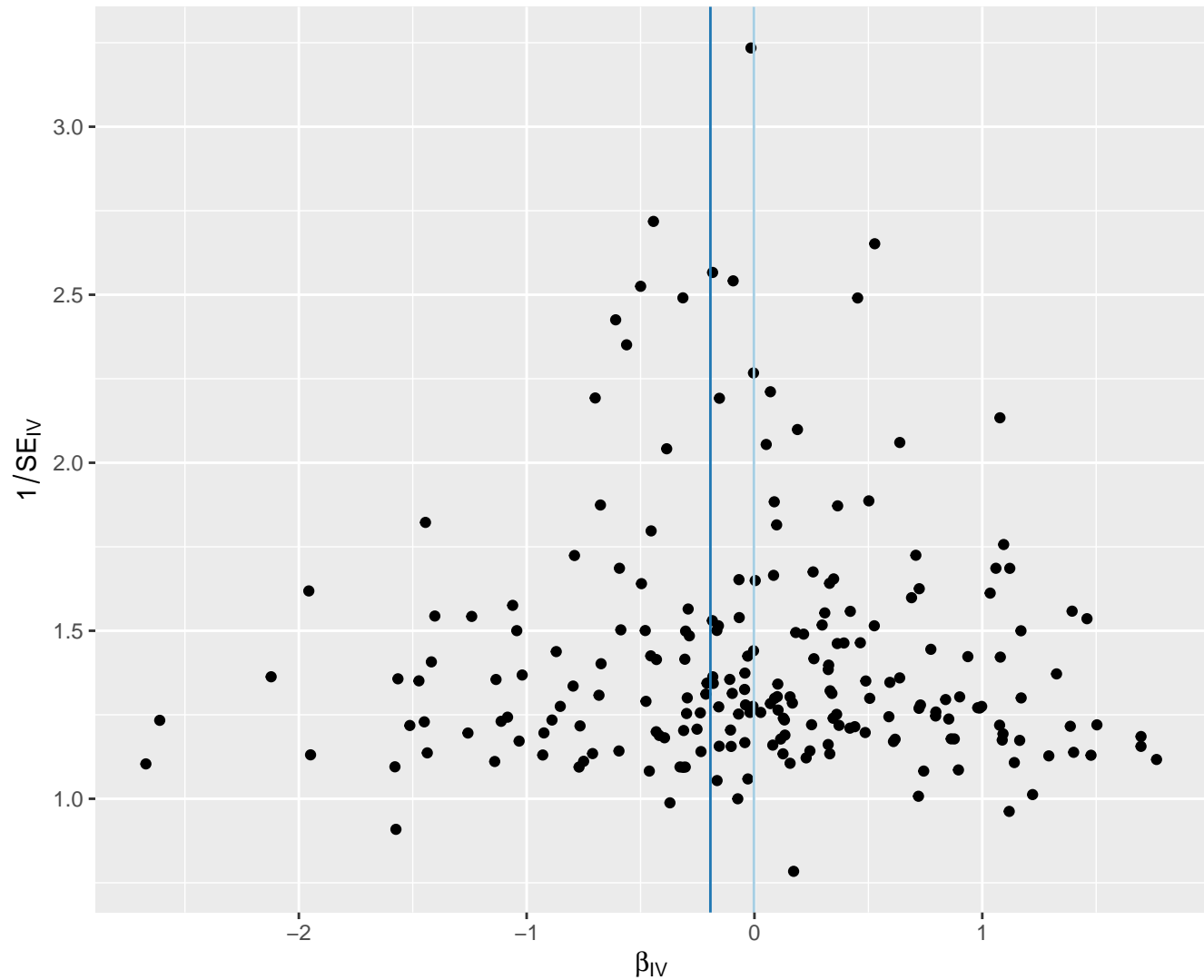
Inverse variance weighted

MR Egger



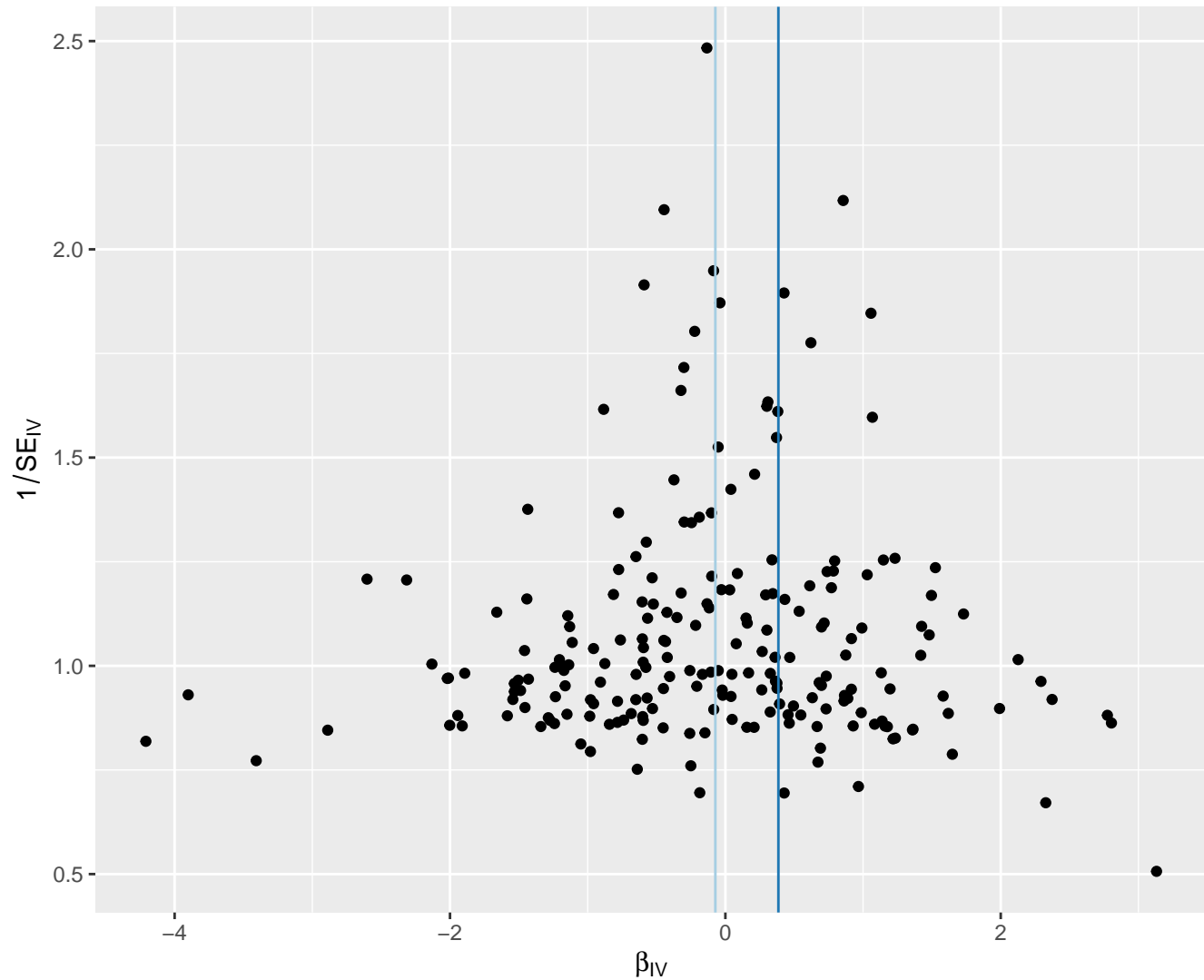
# Pyruvate

## MR Method



# Ratio of bisallylic groups to double bonds

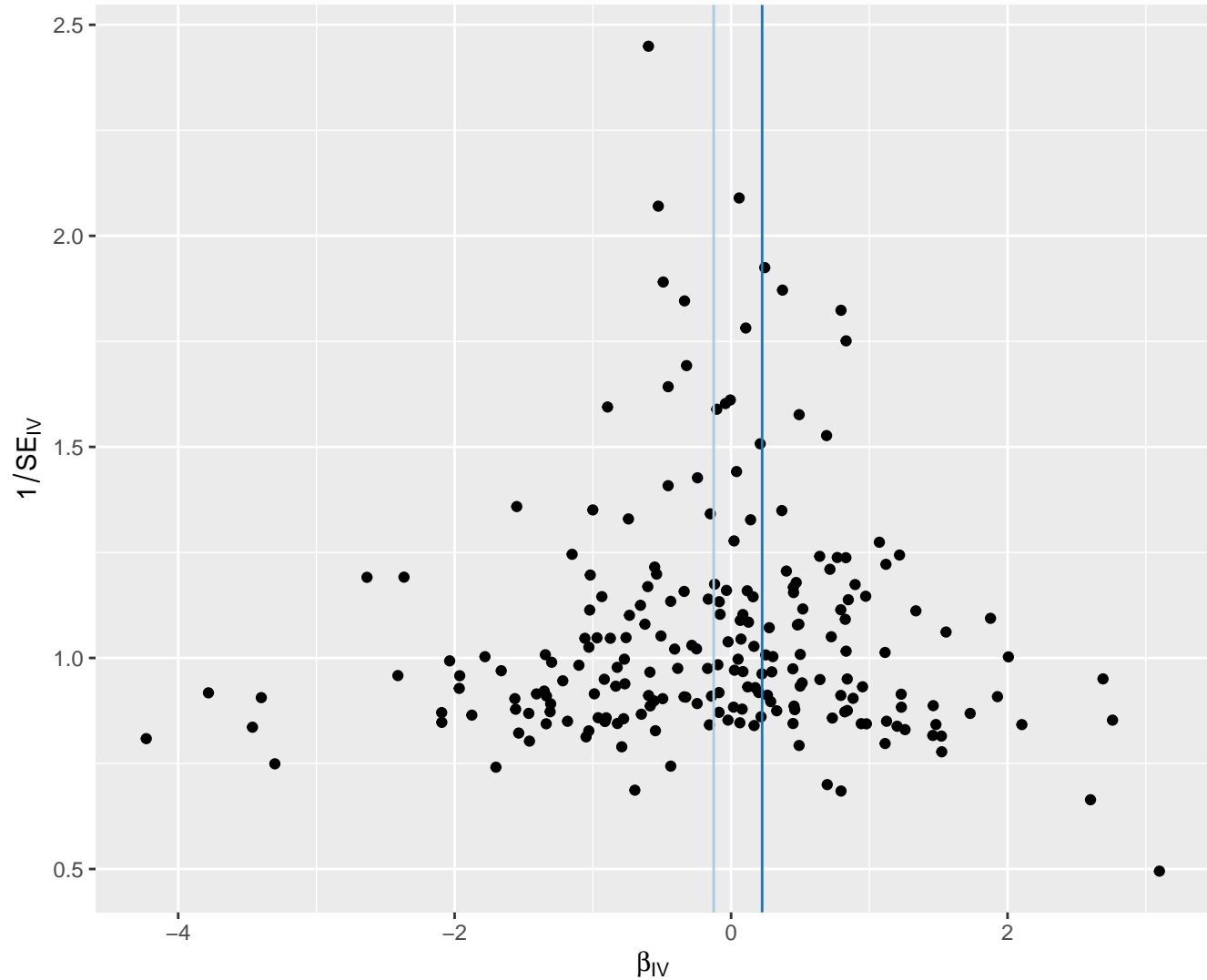
MR Method



# Ratio of bisallylic groups to total fatty acids

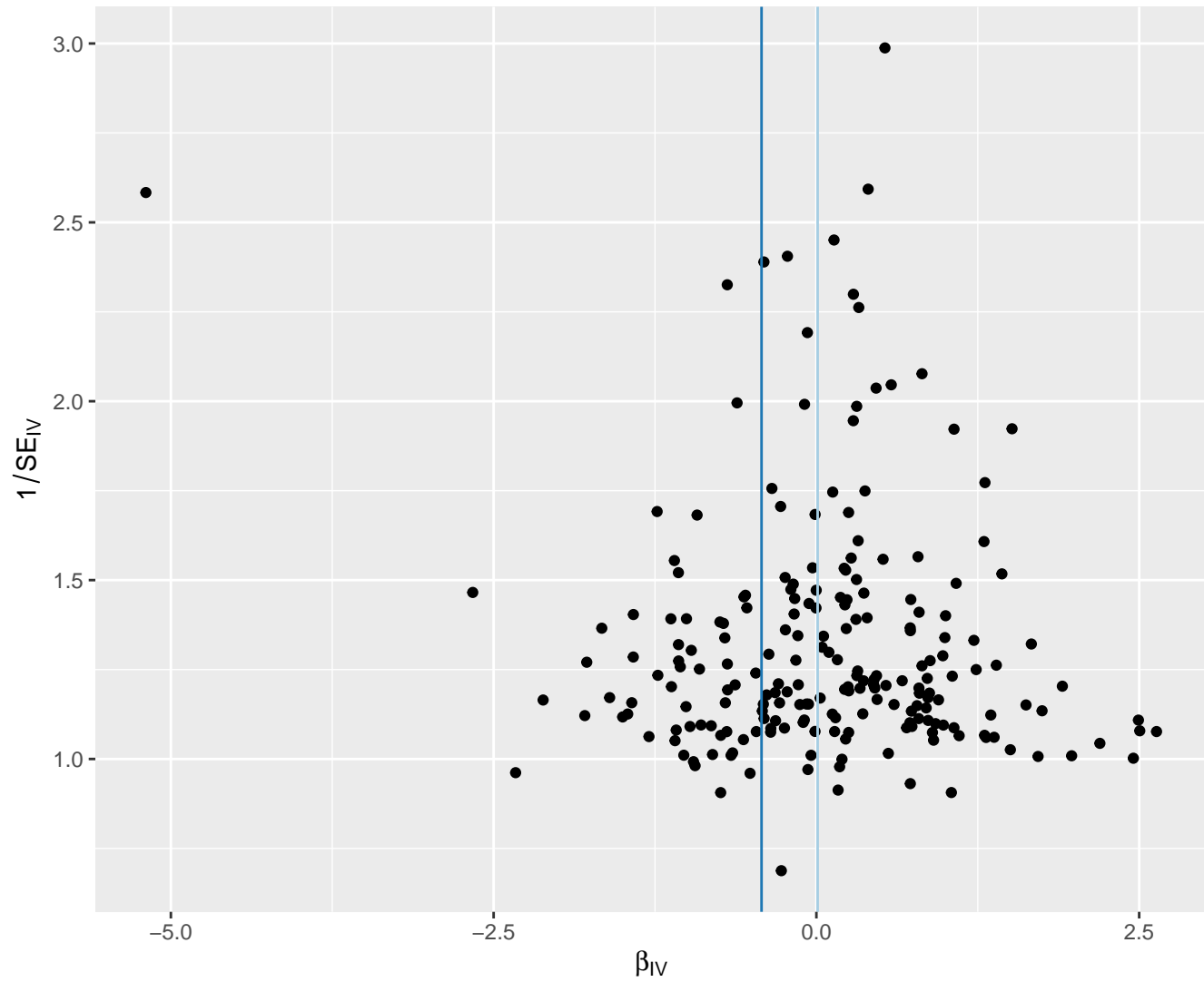
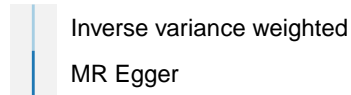
MR Method

Inverse variance weighted  
MR Egger



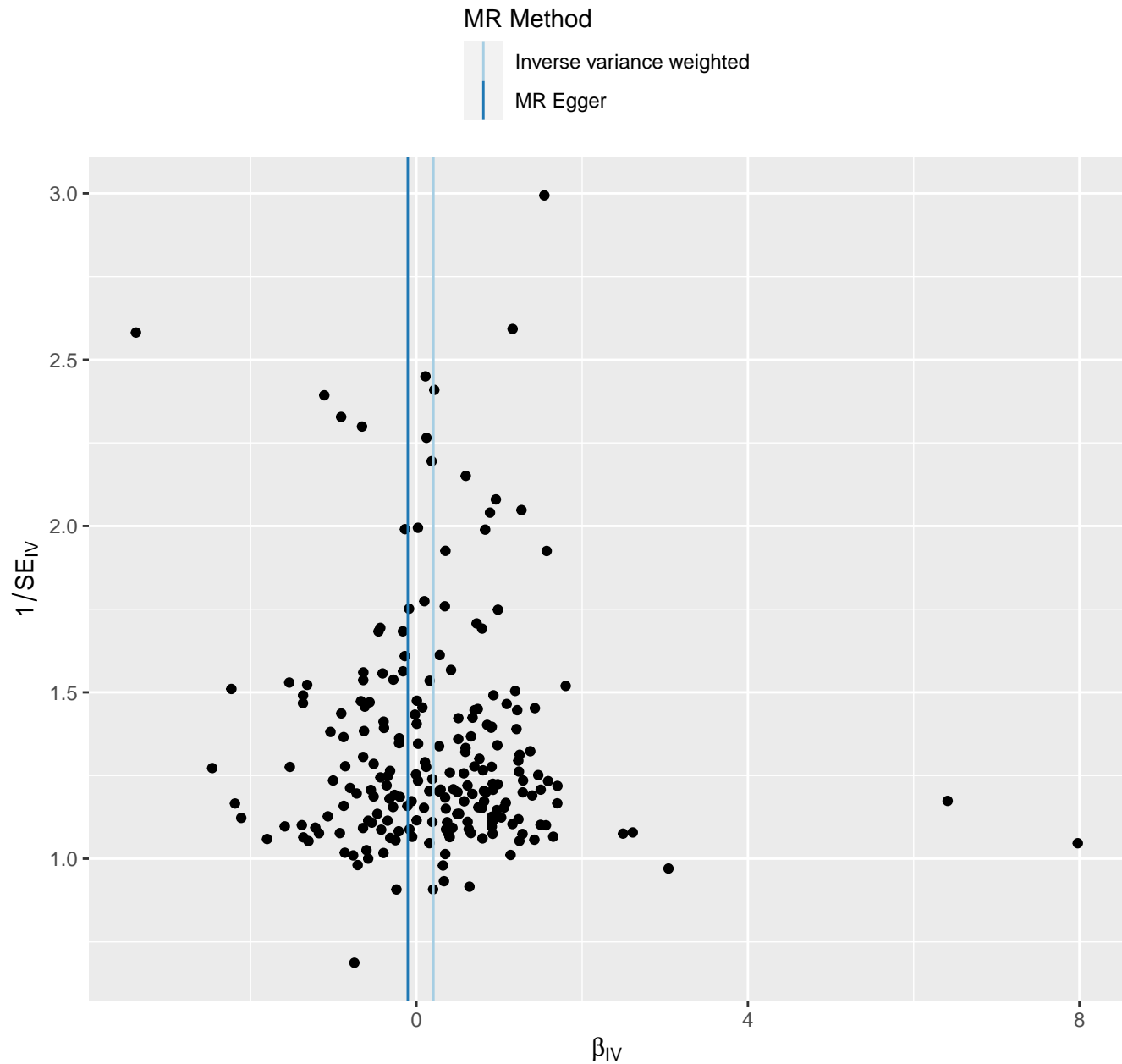
# Serum total cholesterol

MR Method



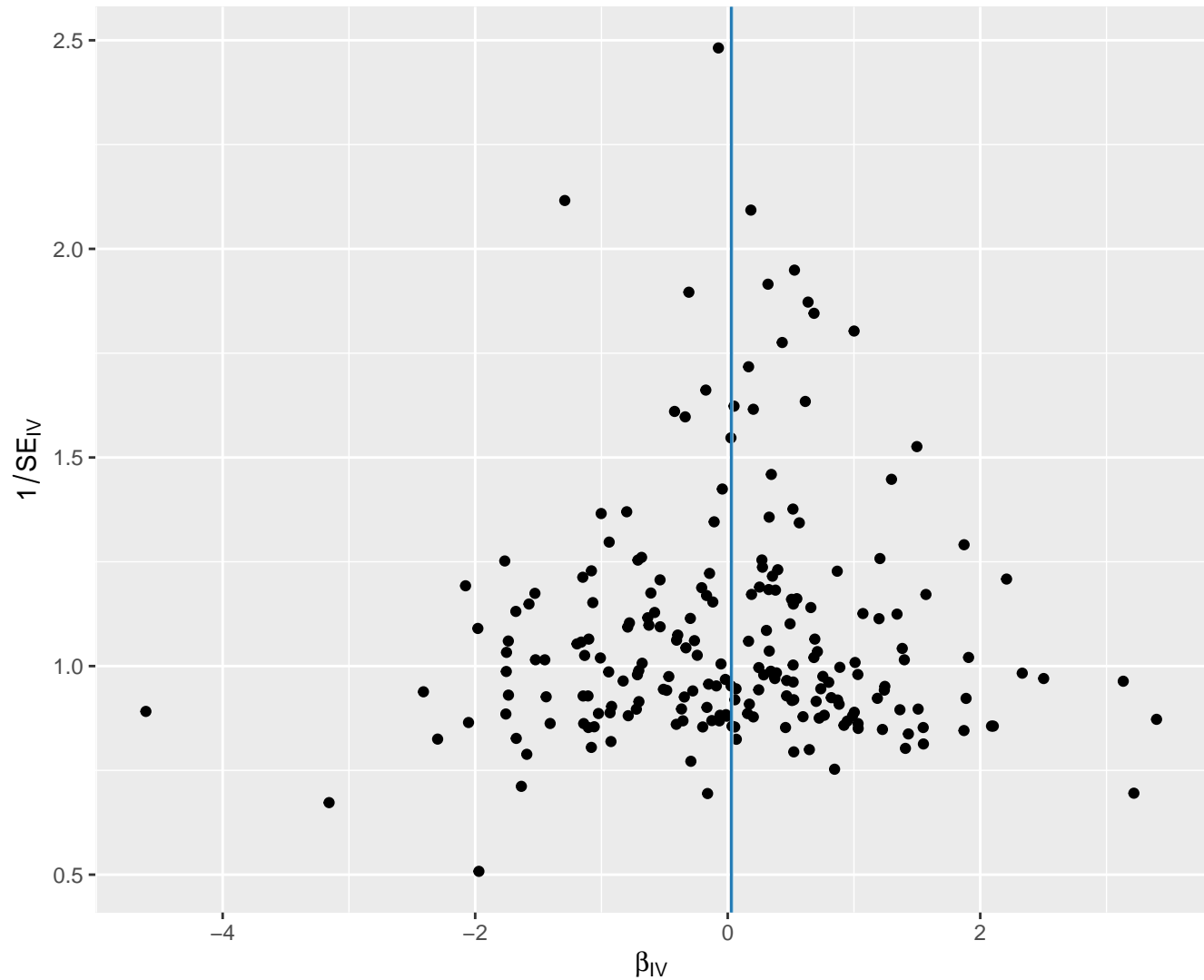


# Serum total triglycerides



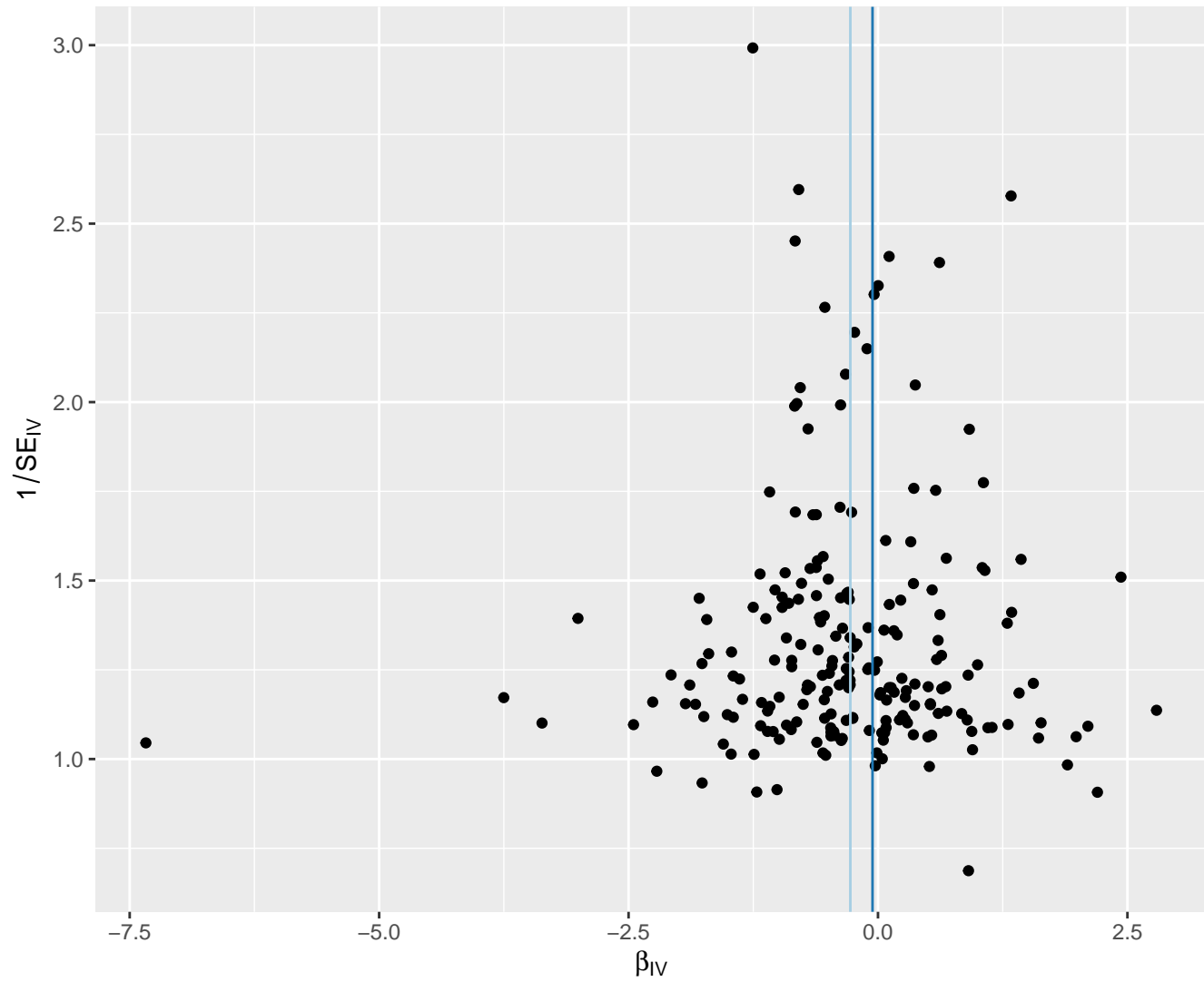
# Sphingomyelins

MR Method



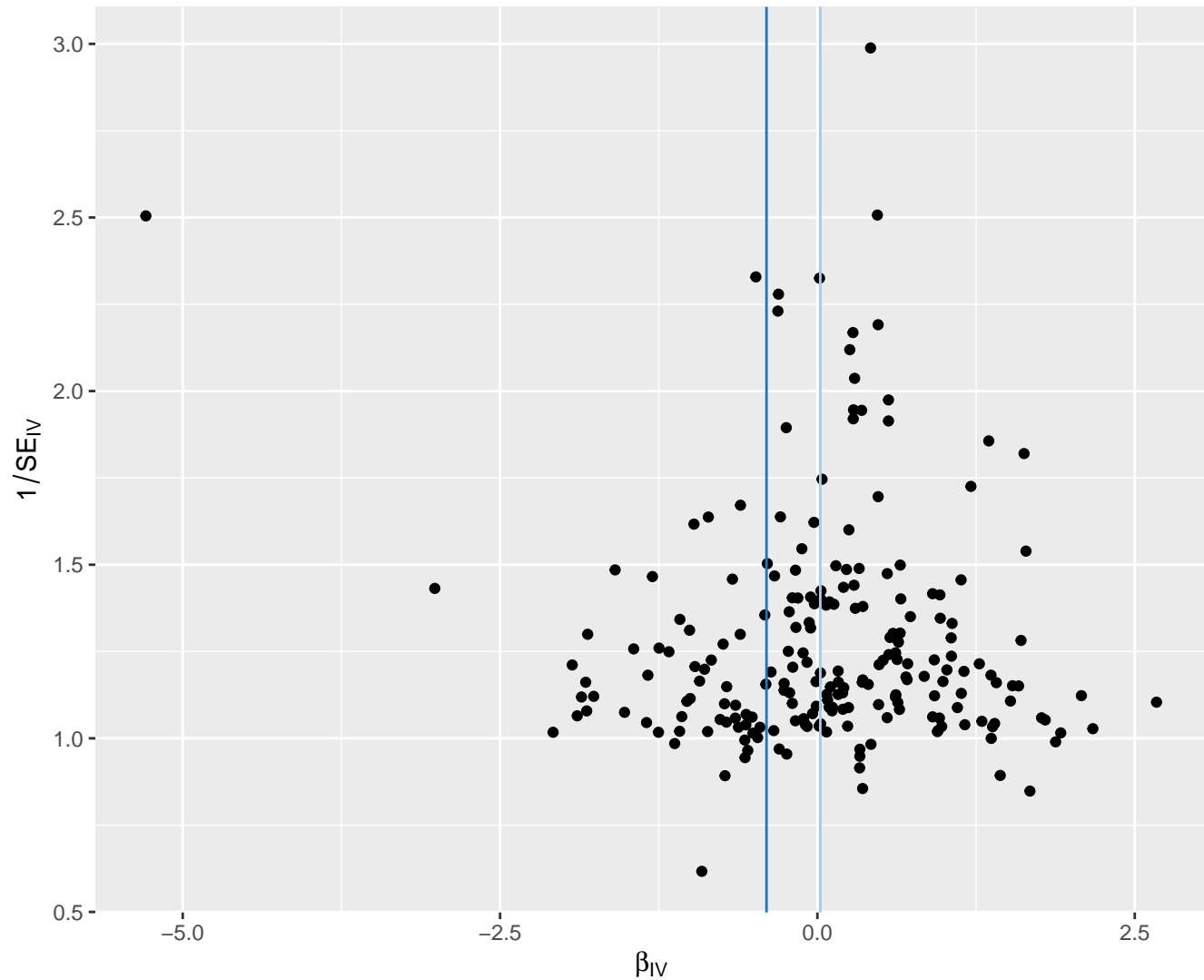
# Total cholesterol in HDL

MR Method



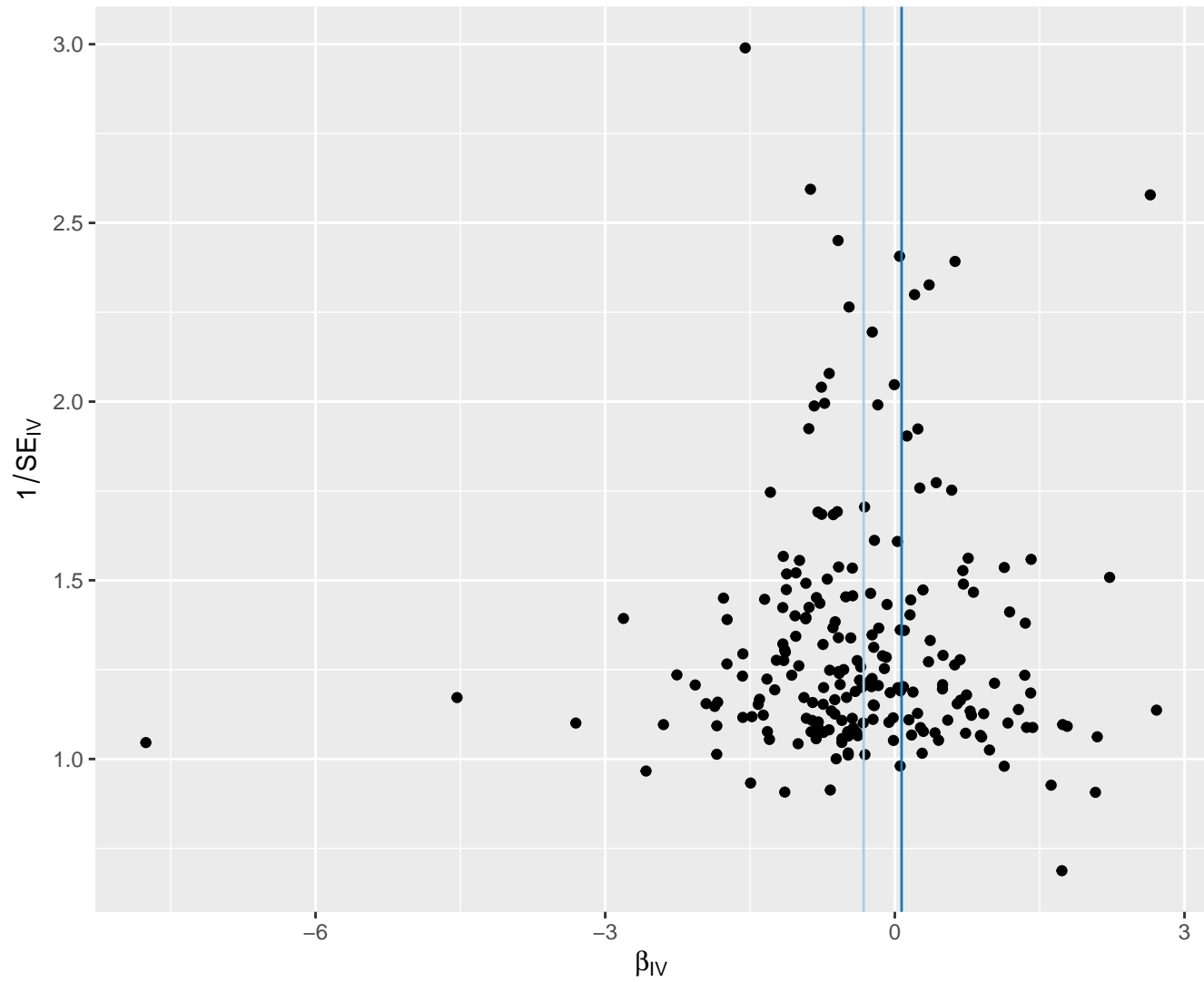
# Total cholesterol in IDL

MR Method



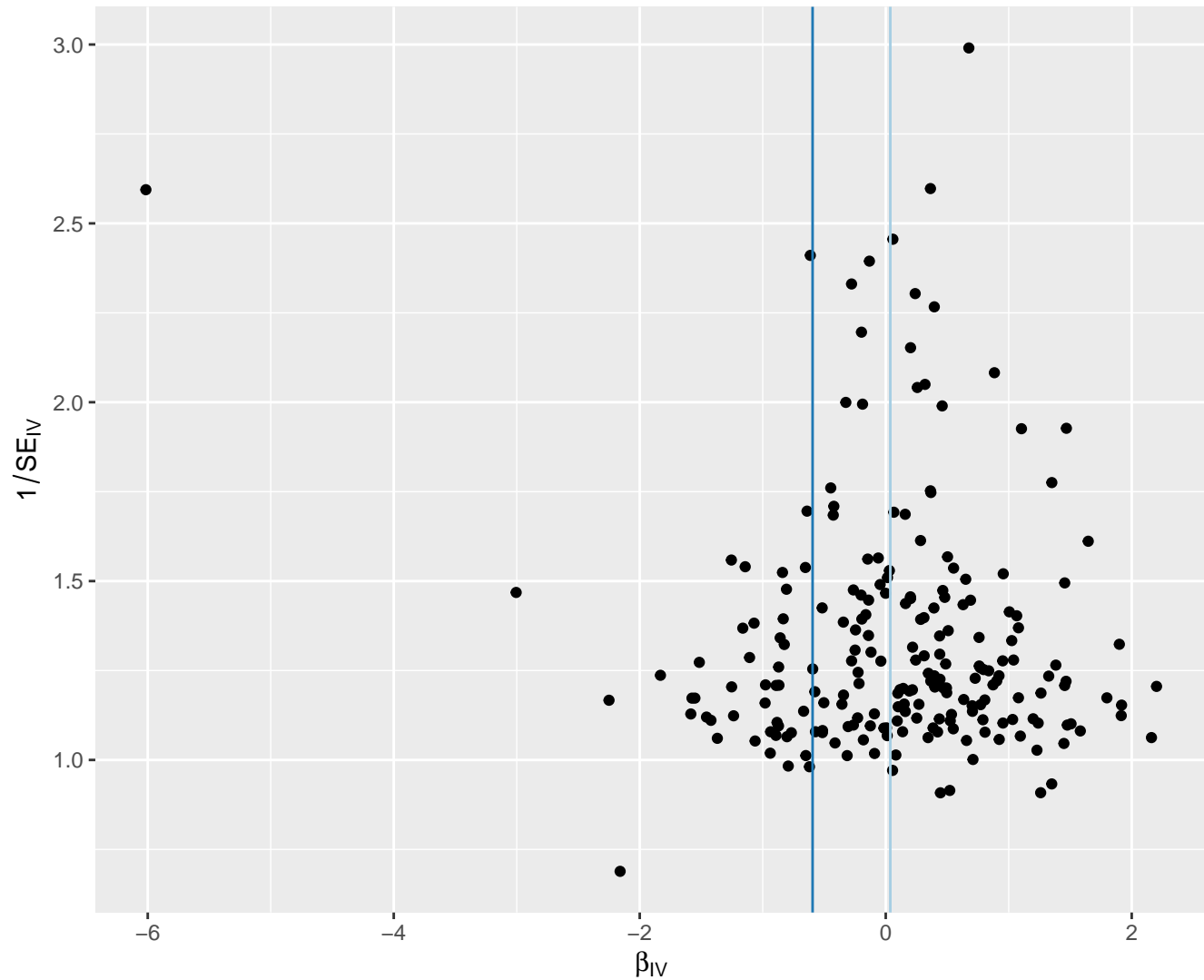
# Total cholesterol in large HDL

MR Method

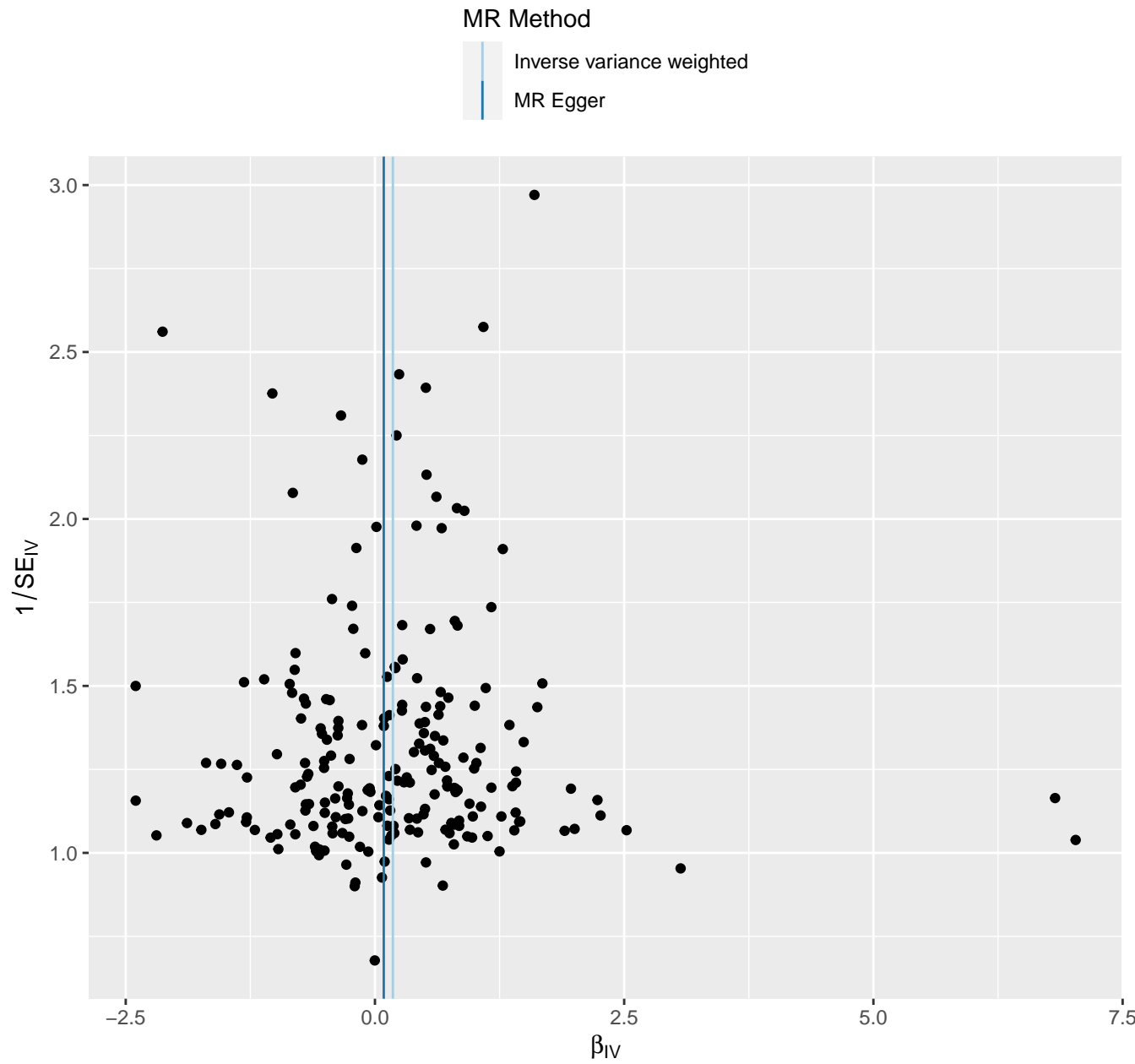


# Total cholesterol in large LDL

MR Method

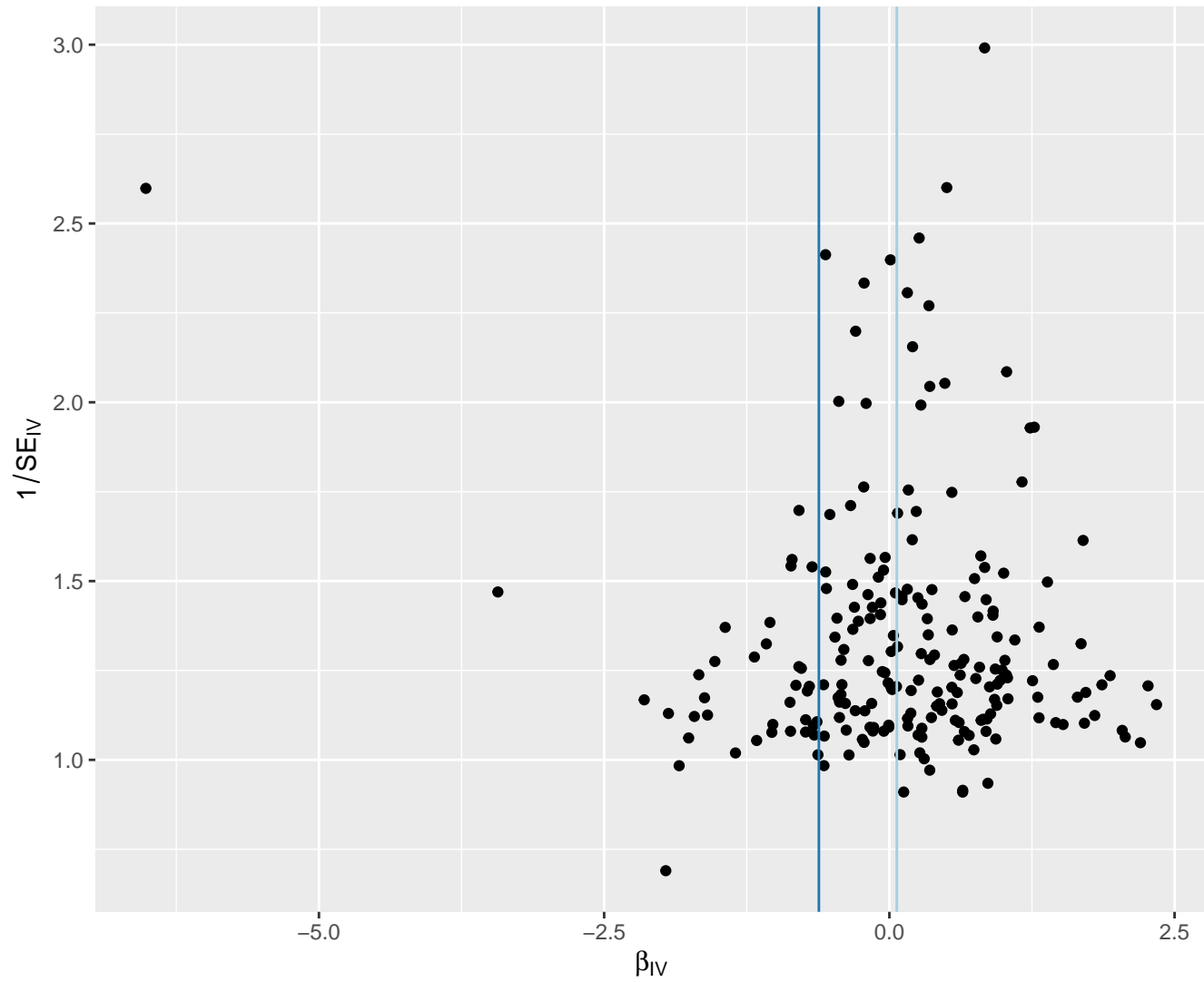
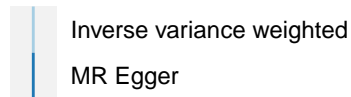


# Total cholesterol in large VLDL



# Total cholesterol in LDL

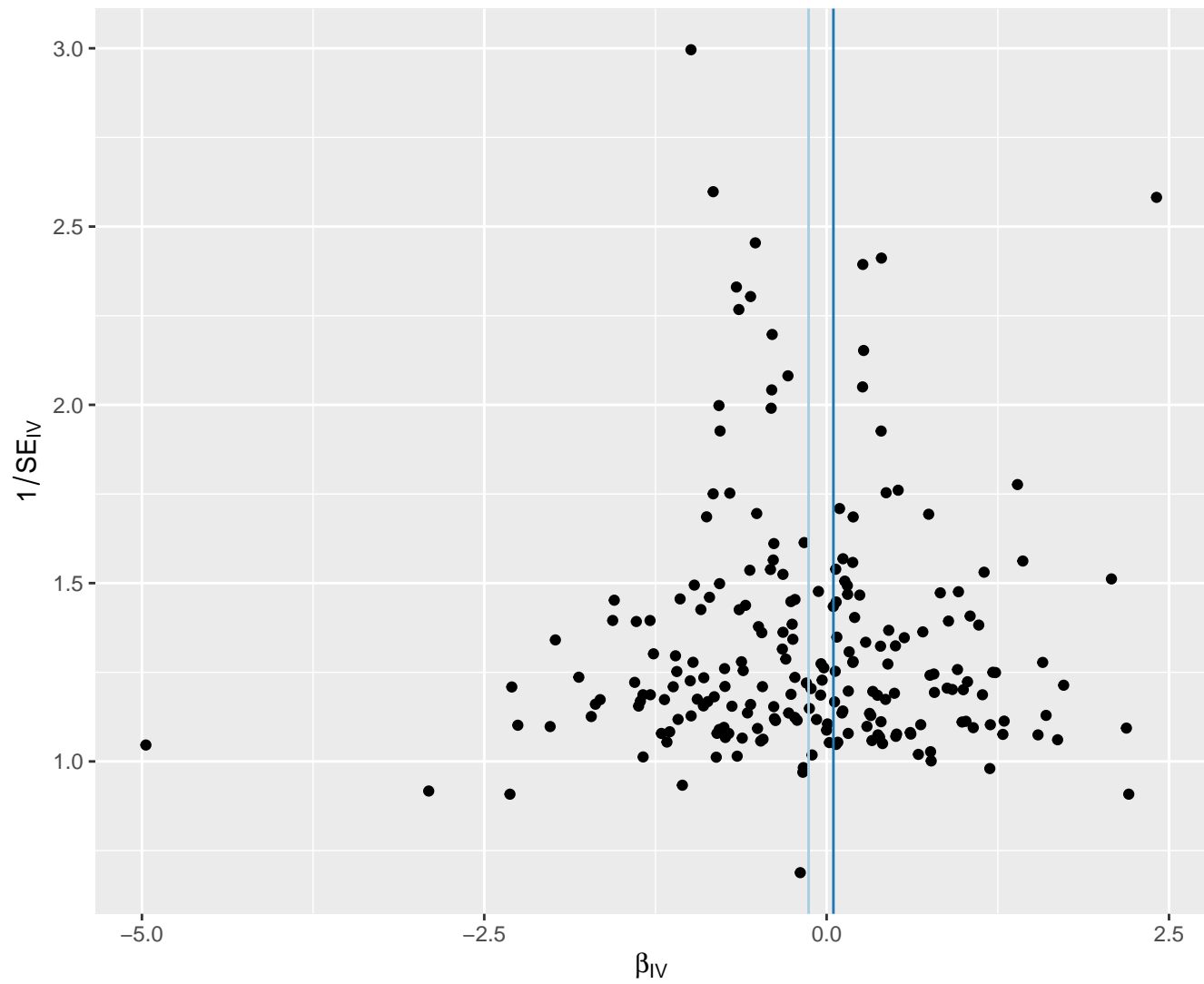
MR Method





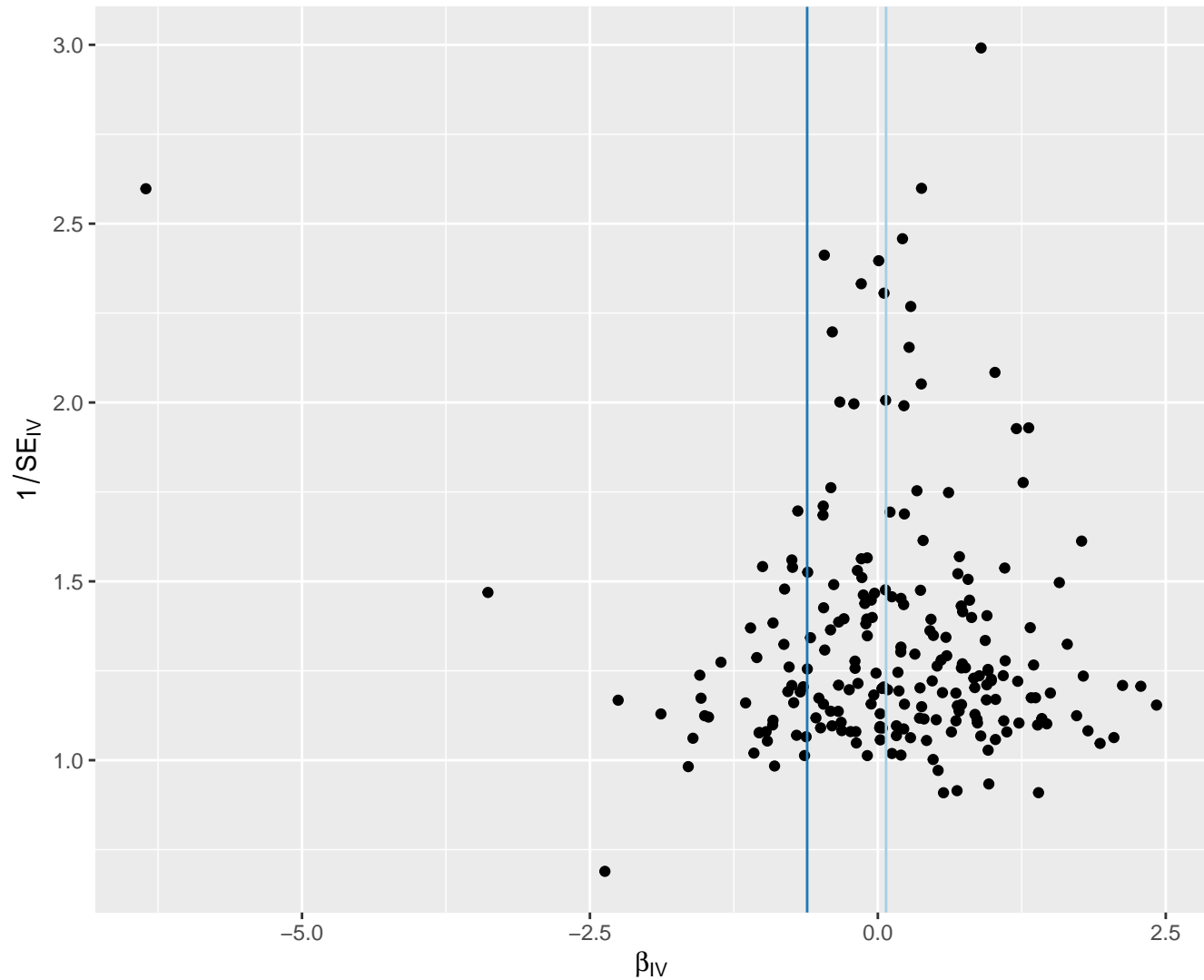
# Total cholesterol in medium HDL

MR Method

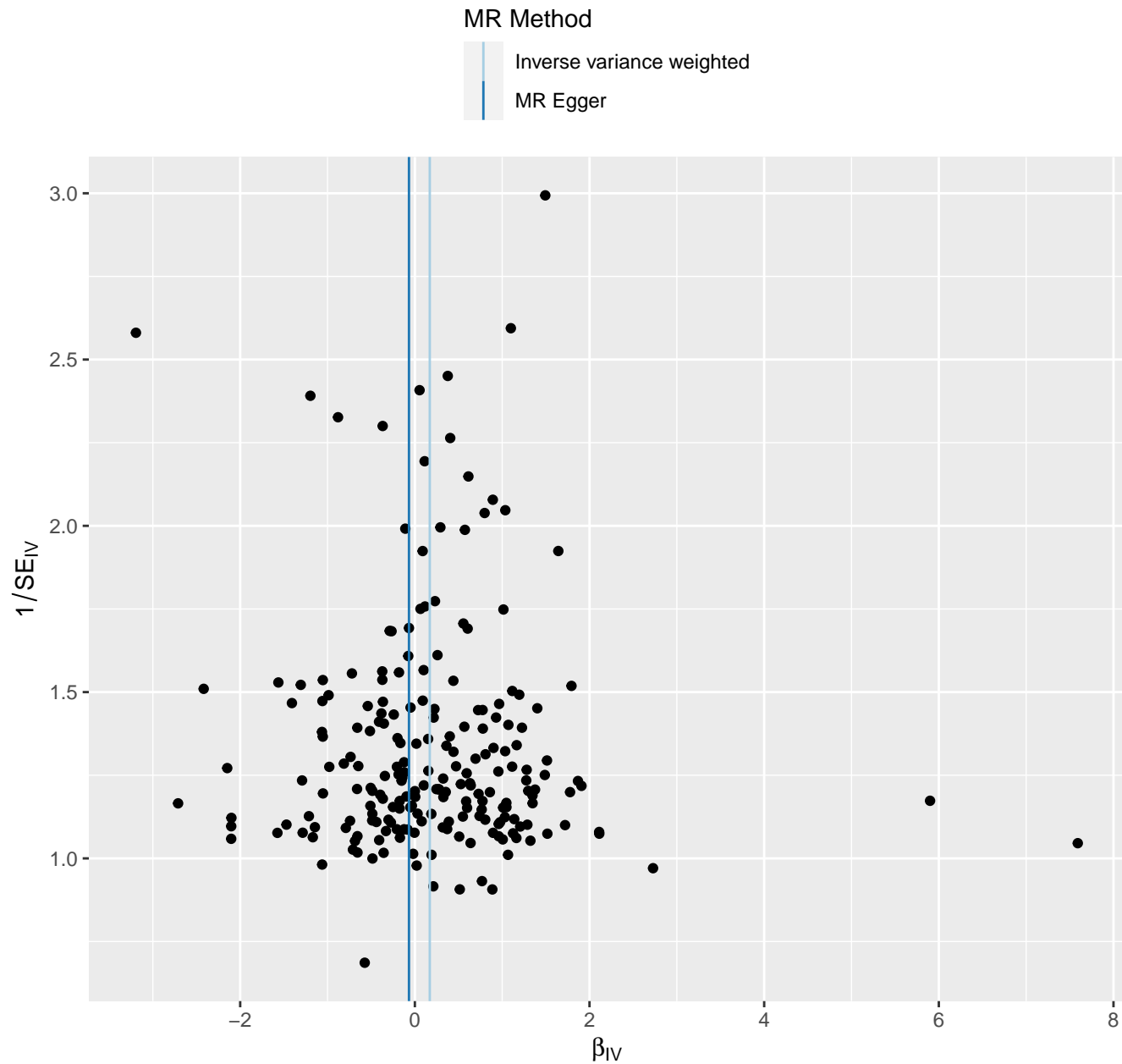


# Total cholesterol in medium LDL

MR Method

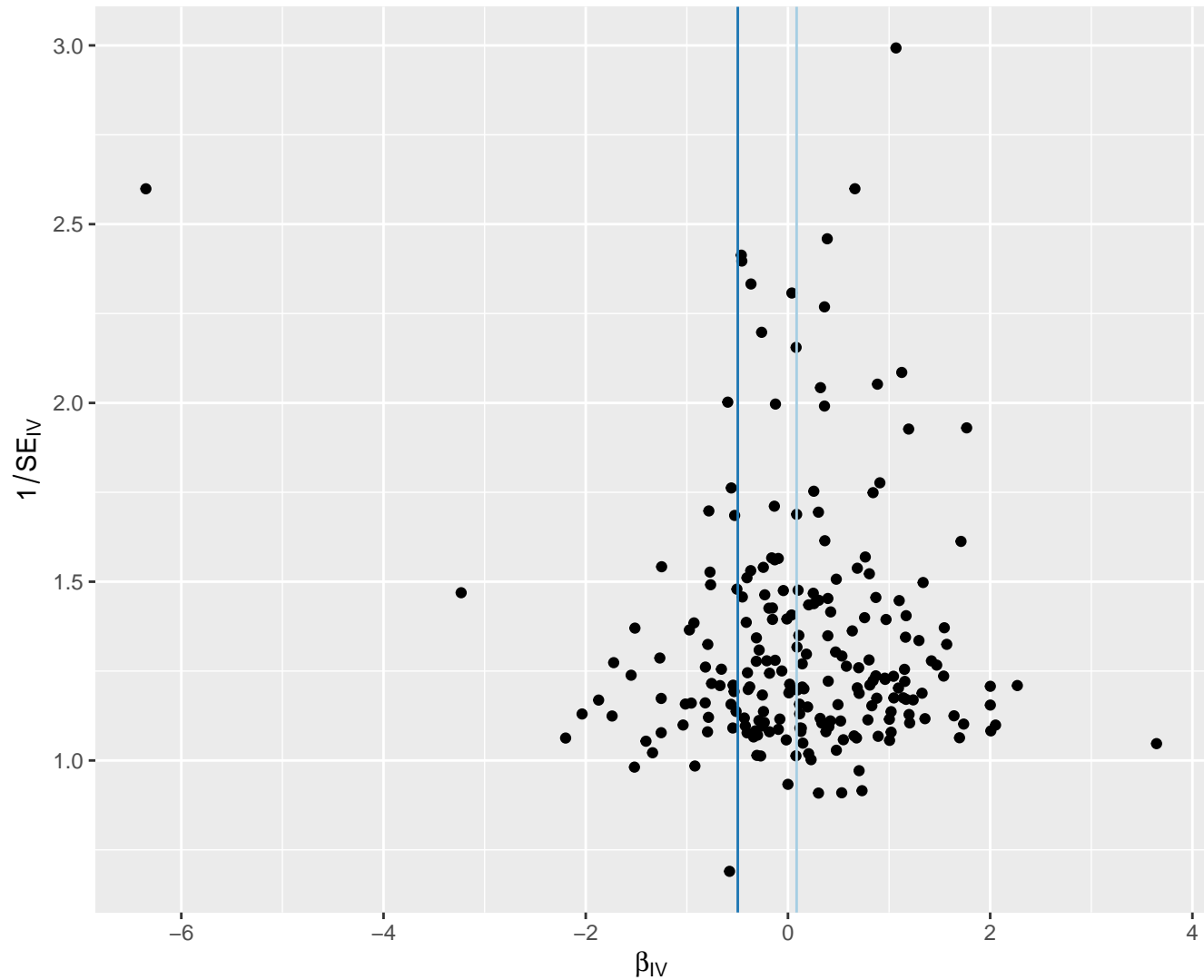
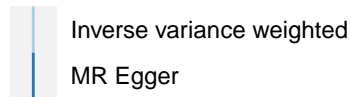


# Total cholesterol in medium VLDL



# Total cholesterol in small LDL

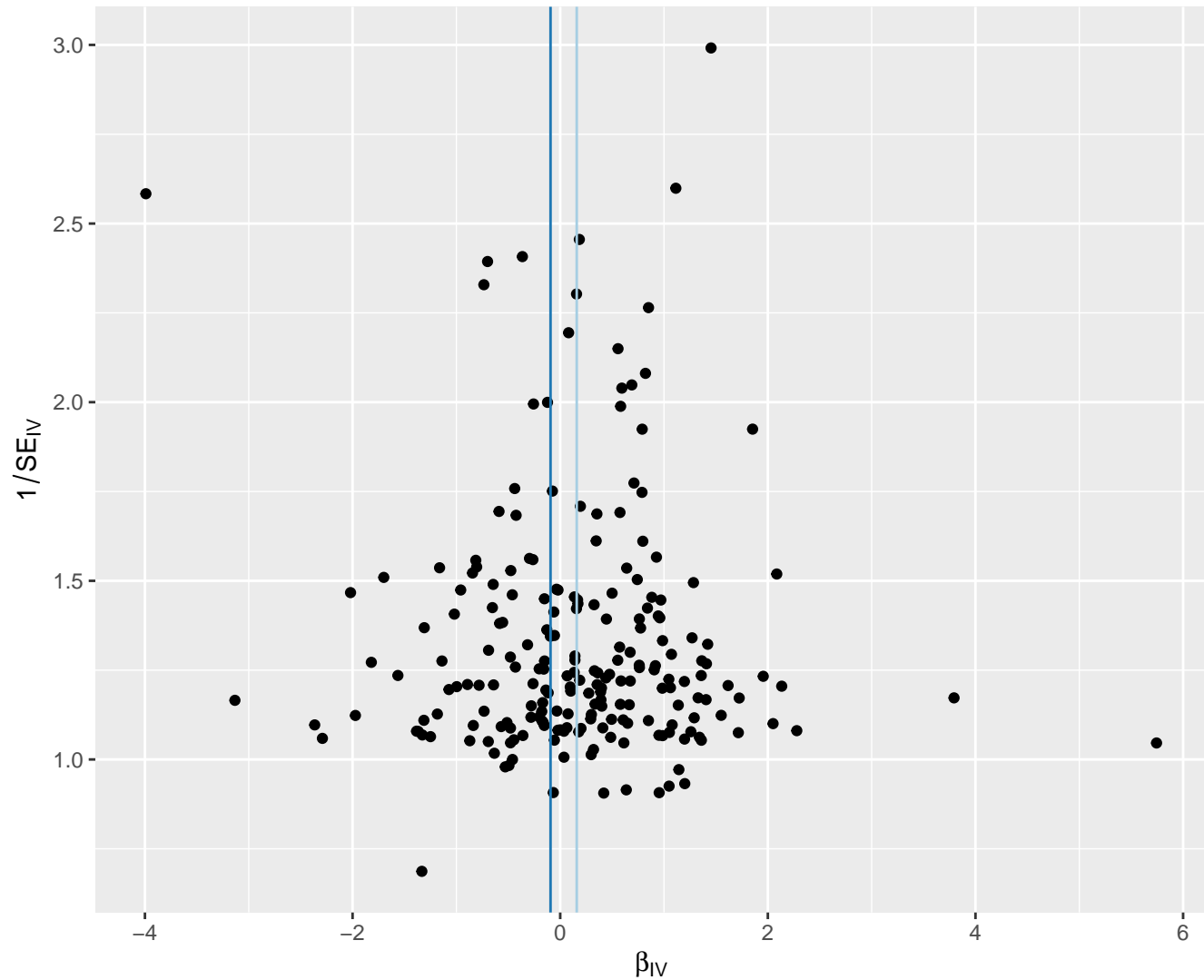
MR Method



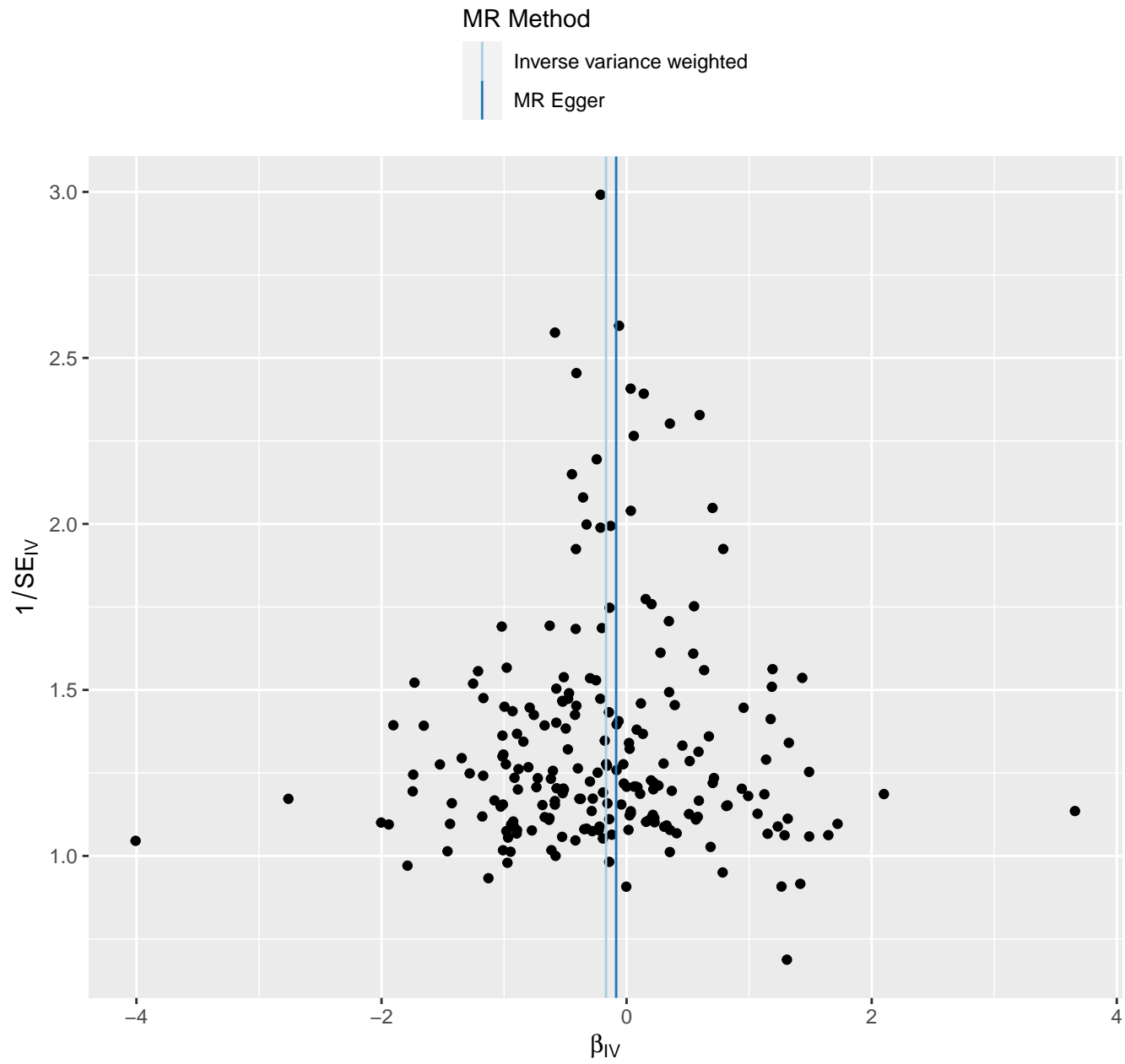
# Total cholesterol in small VLDL

MR Method

Inverse variance weighted  
MR Egger

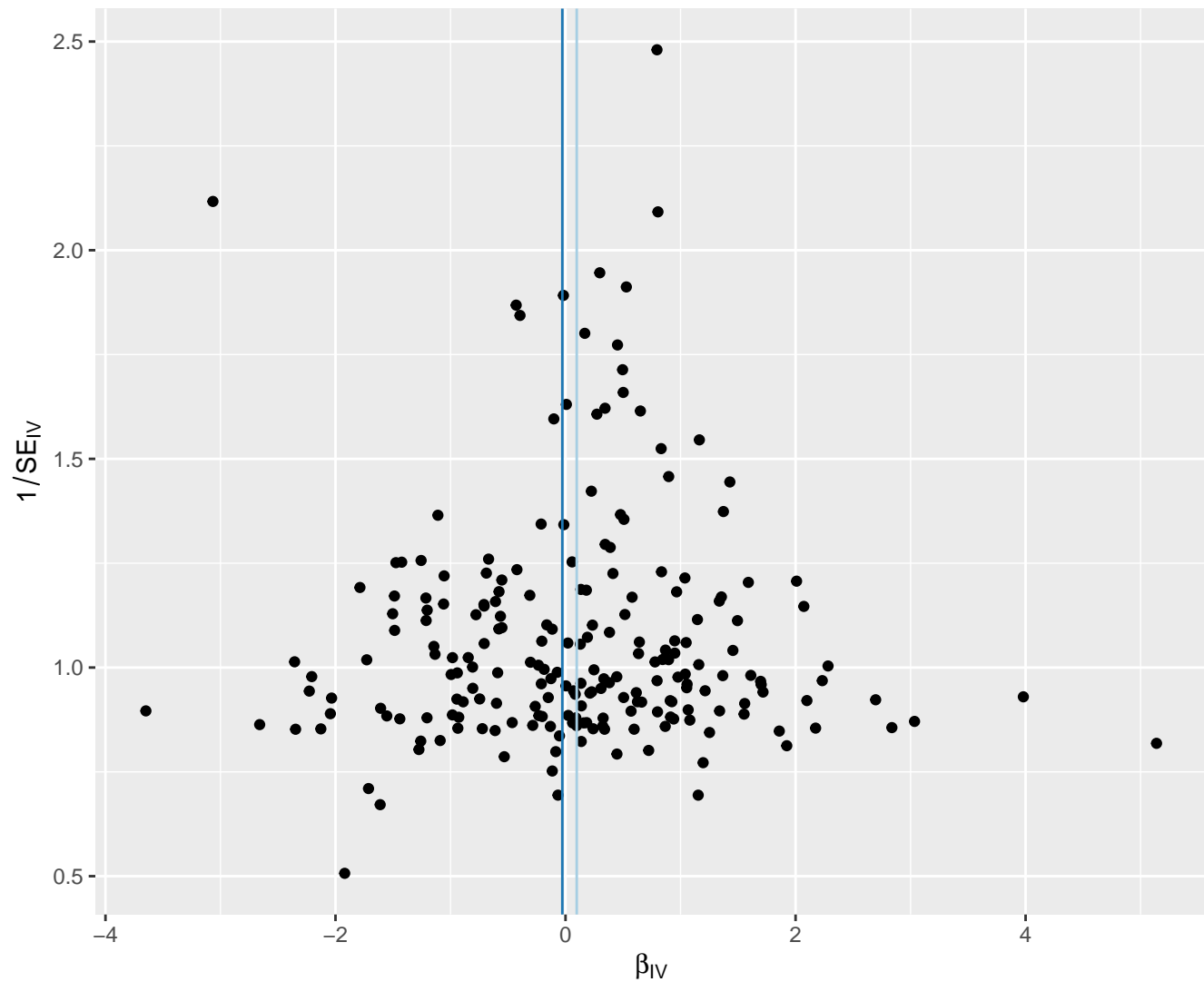


# Total cholesterol in very large HDL

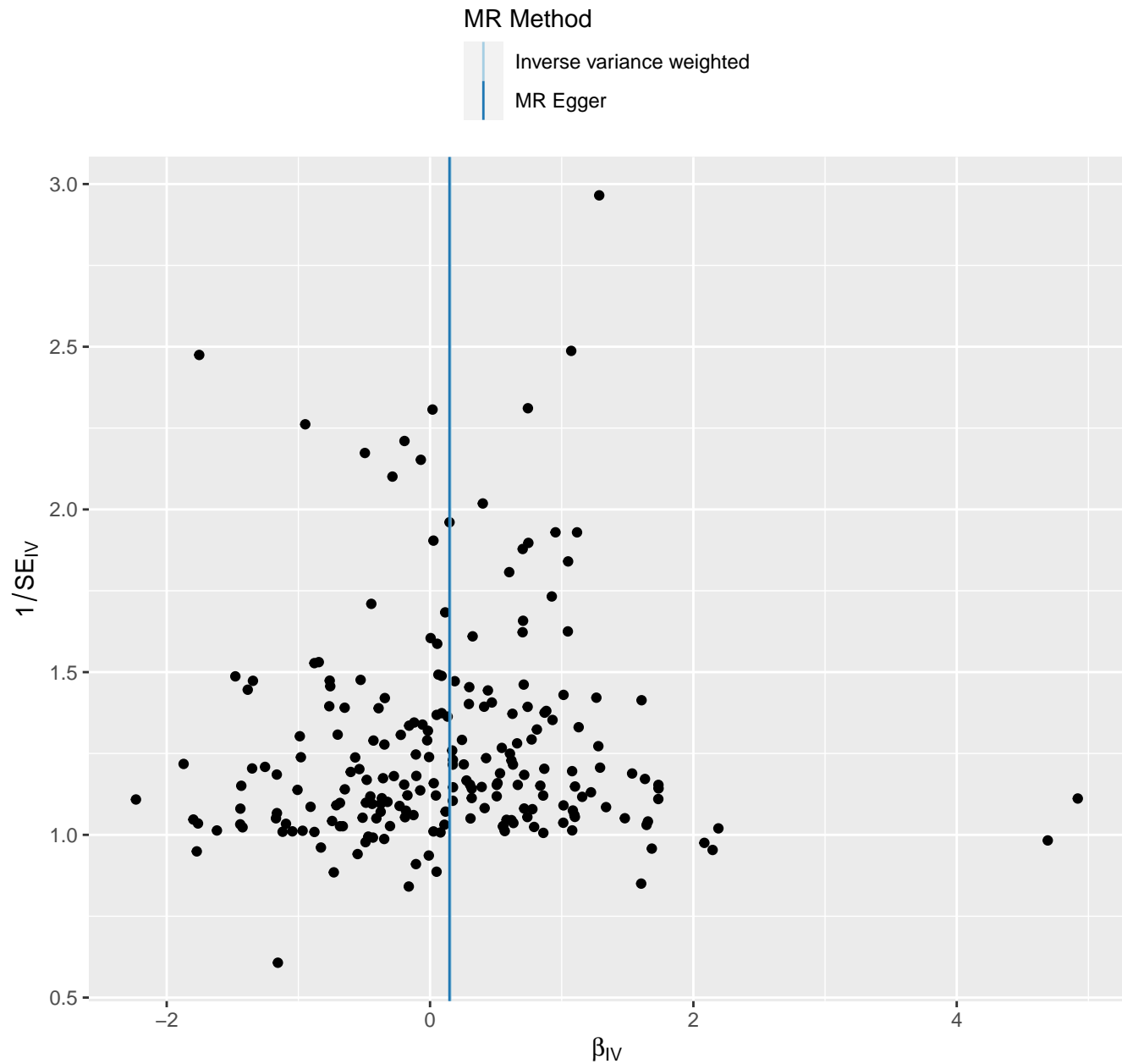


# Total fatty acids

MR Method



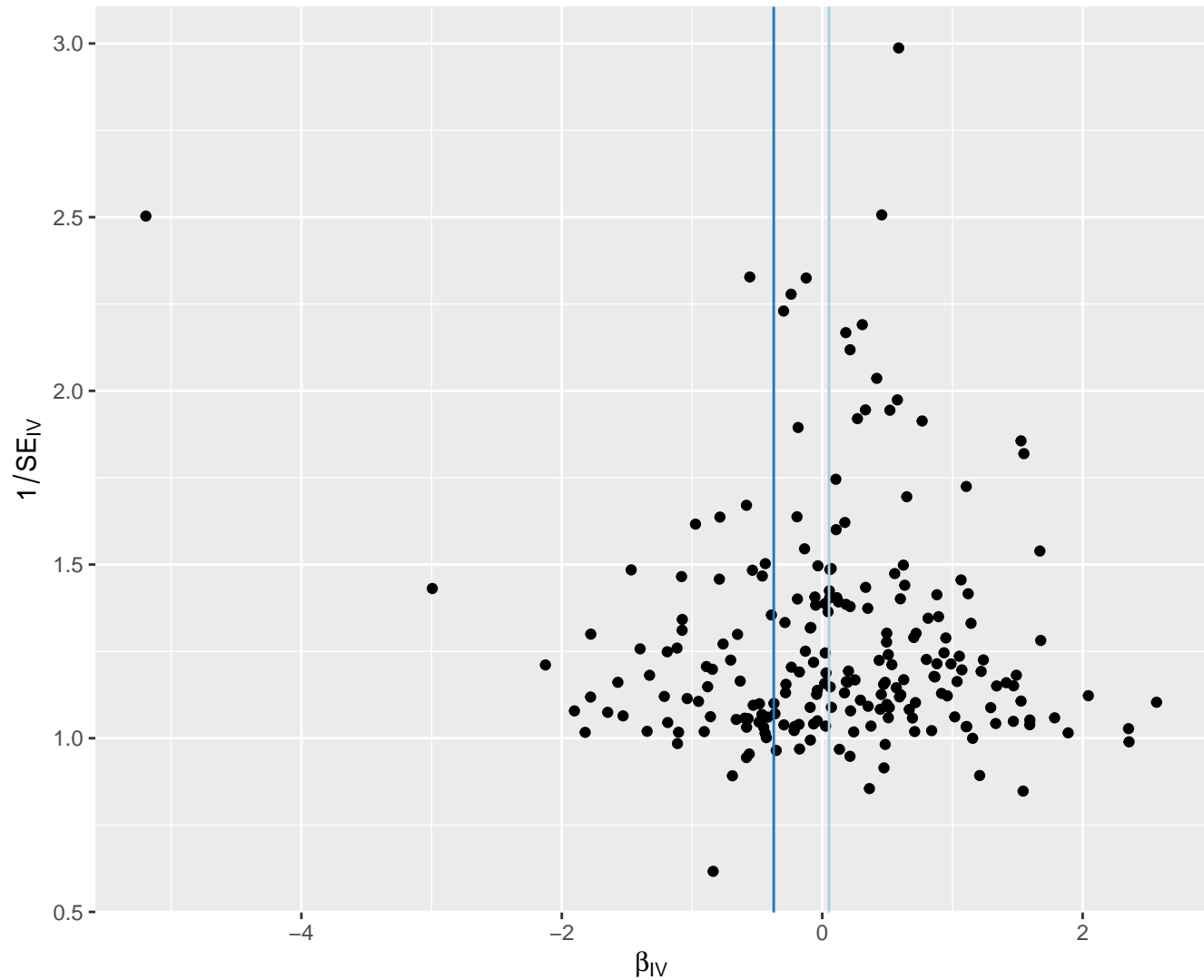
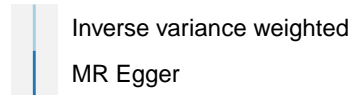
# Total lipids in chylomicrons and largest VLDL particles





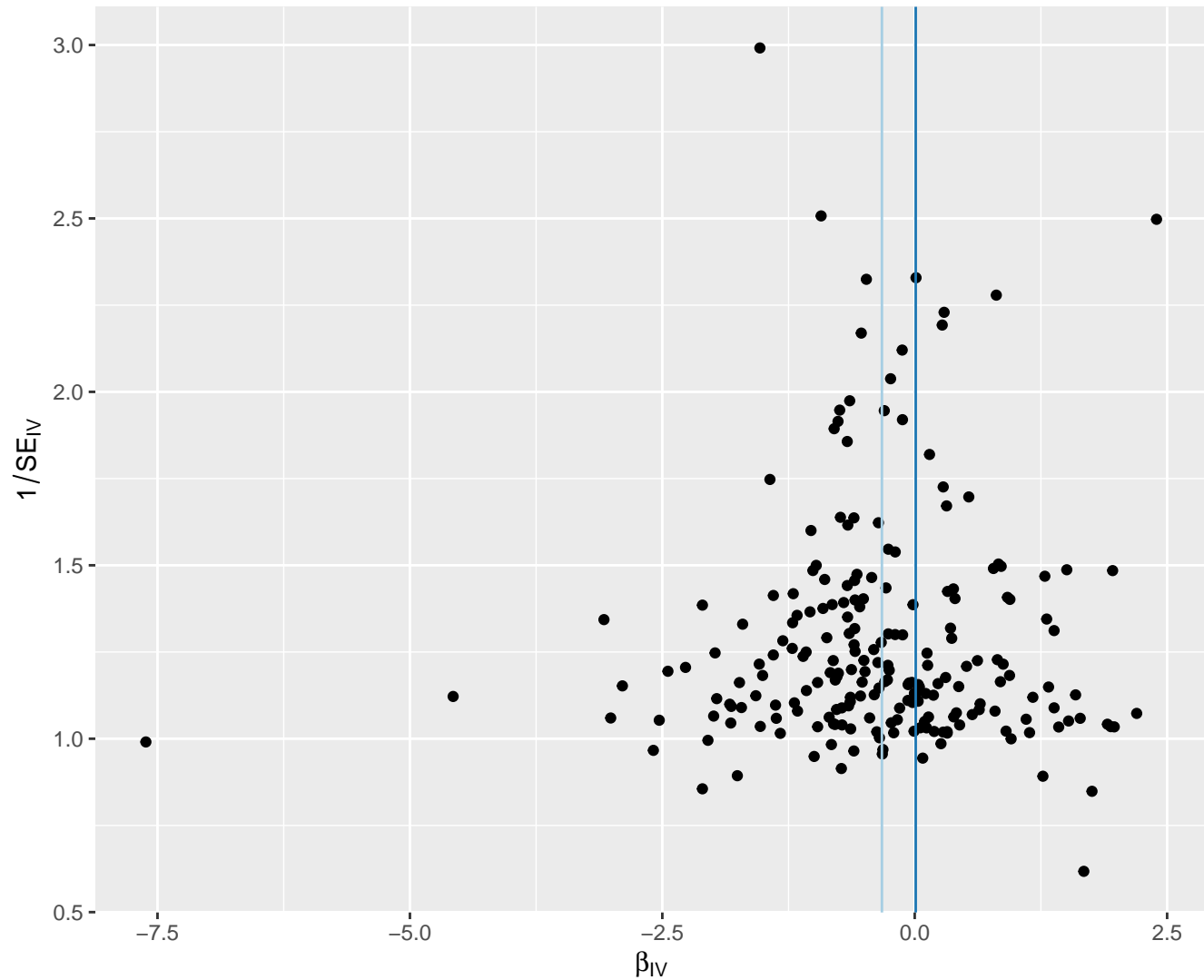
# Total lipids in IDL

MR Method



# Total lipids in large HDL

MR Method

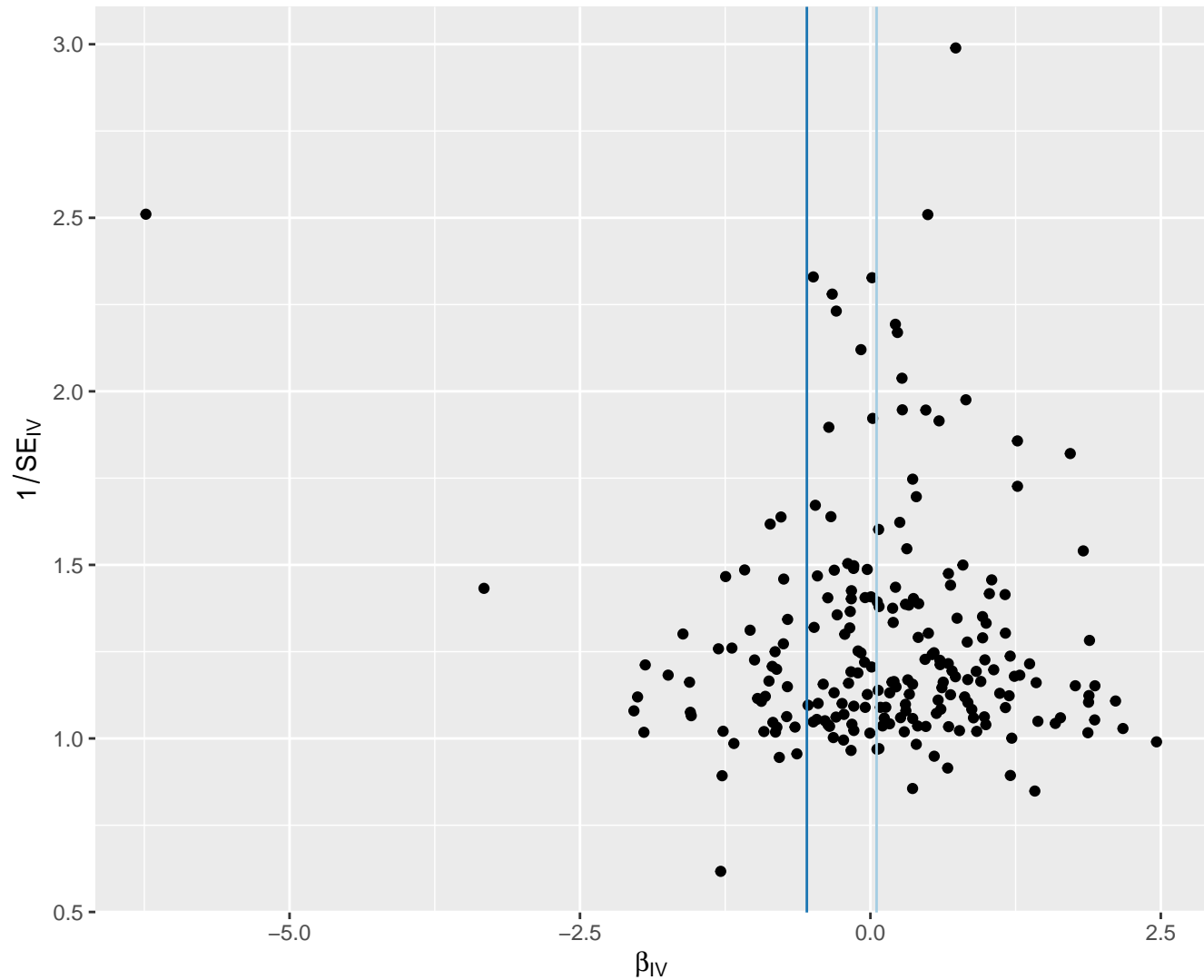


# Total lipids in large LDL

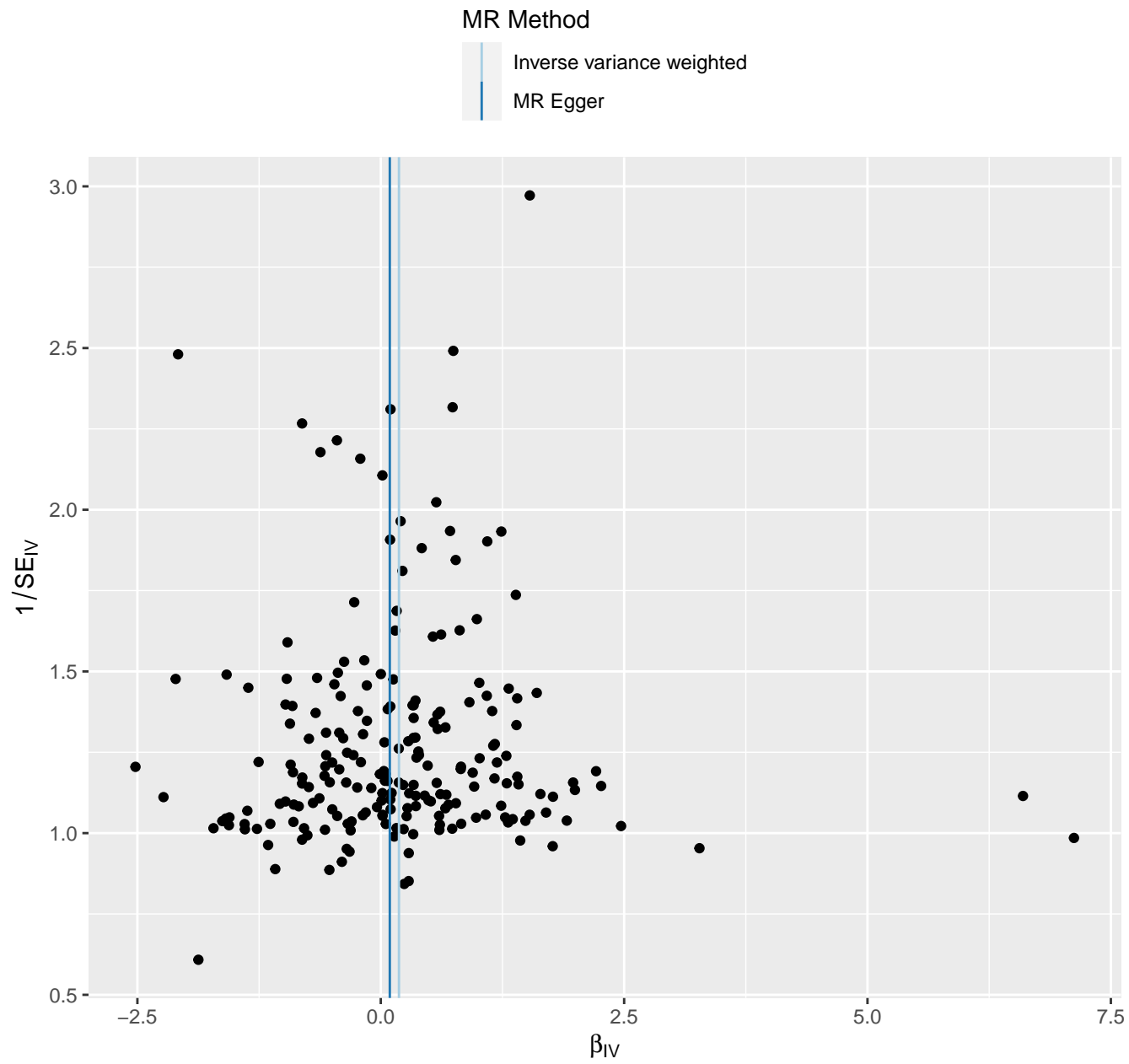
MR Method

Inverse variance weighted

MR Egger

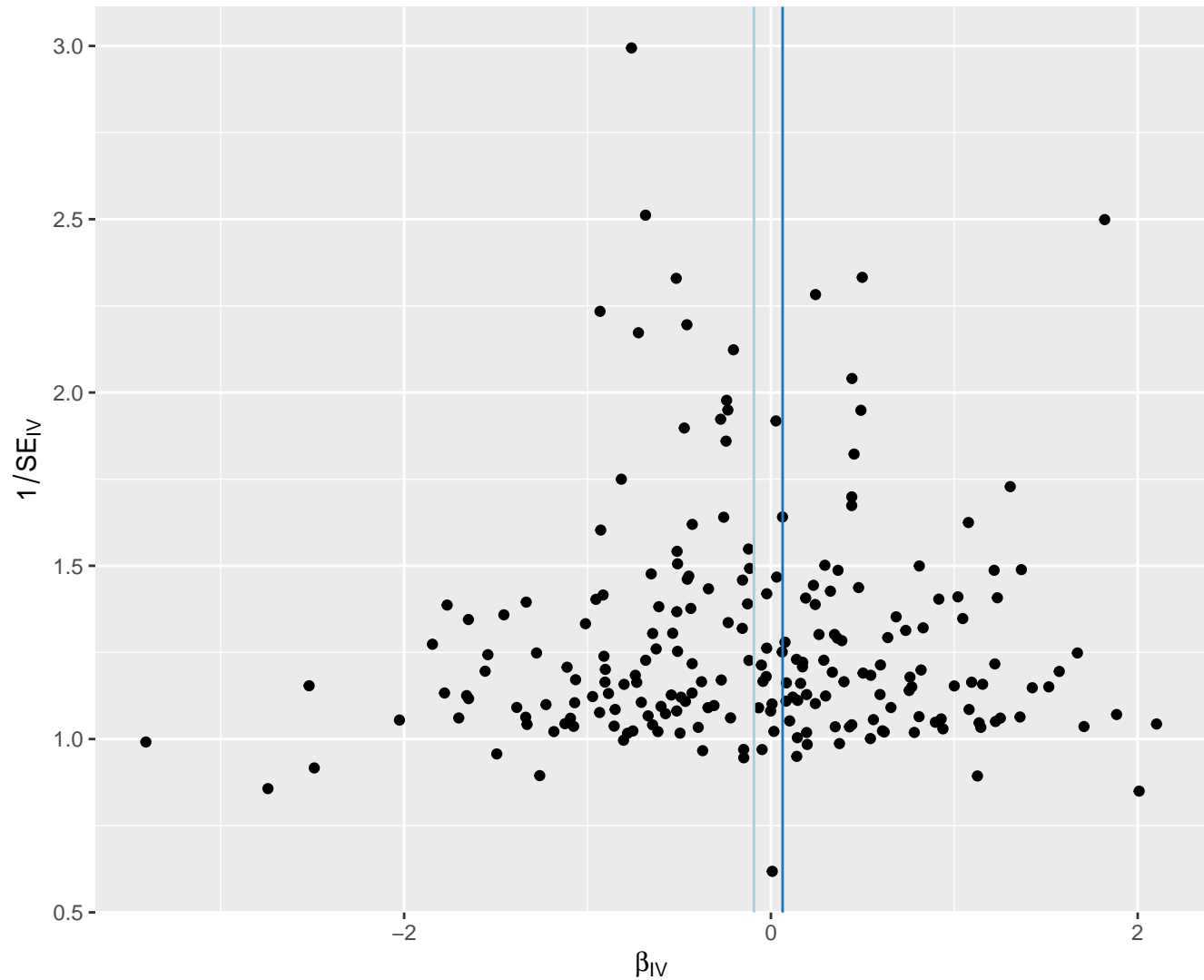


# Total lipids in large VLDL



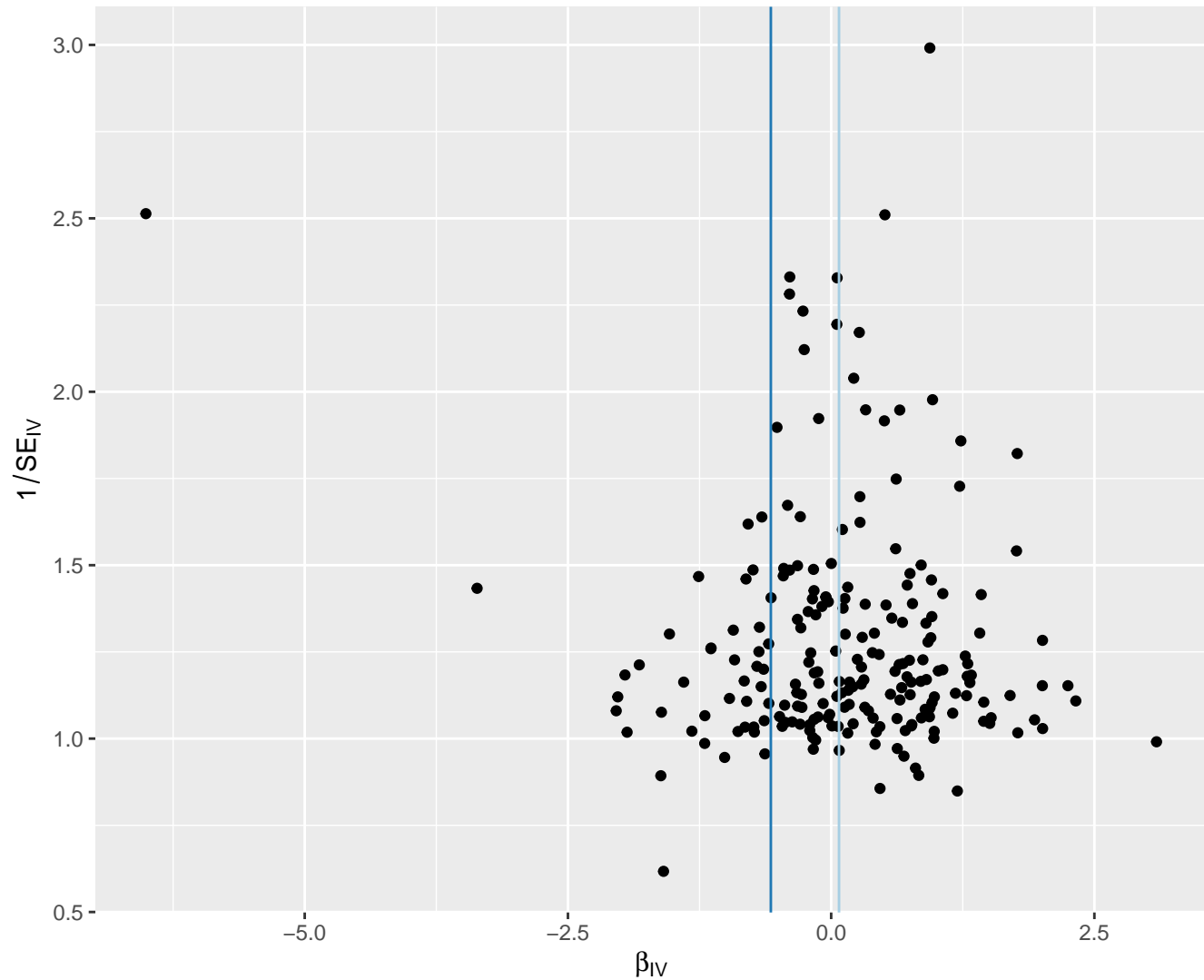
# Total lipids in medium HDL

MR Method



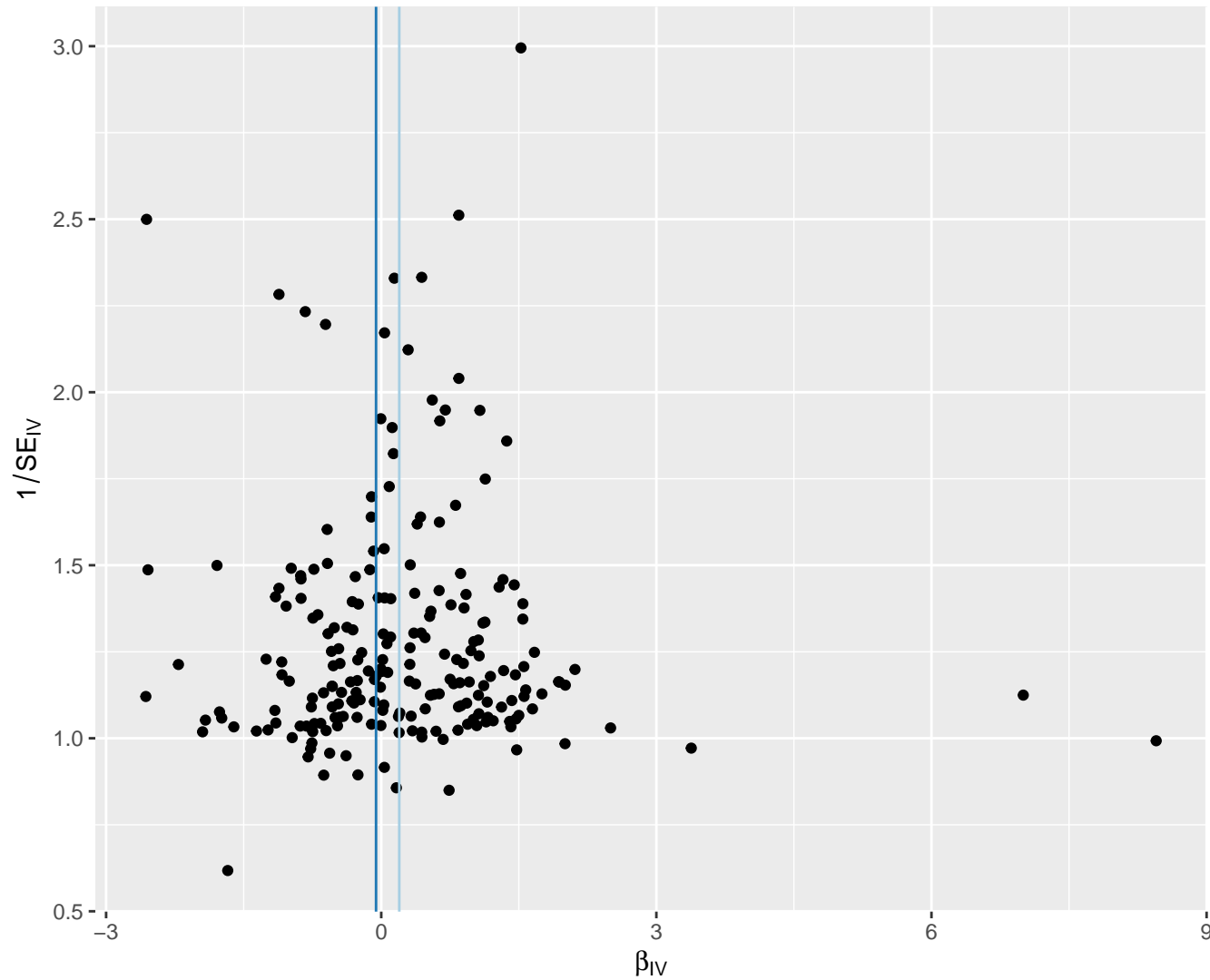
# Total lipids in medium LDL

MR Method



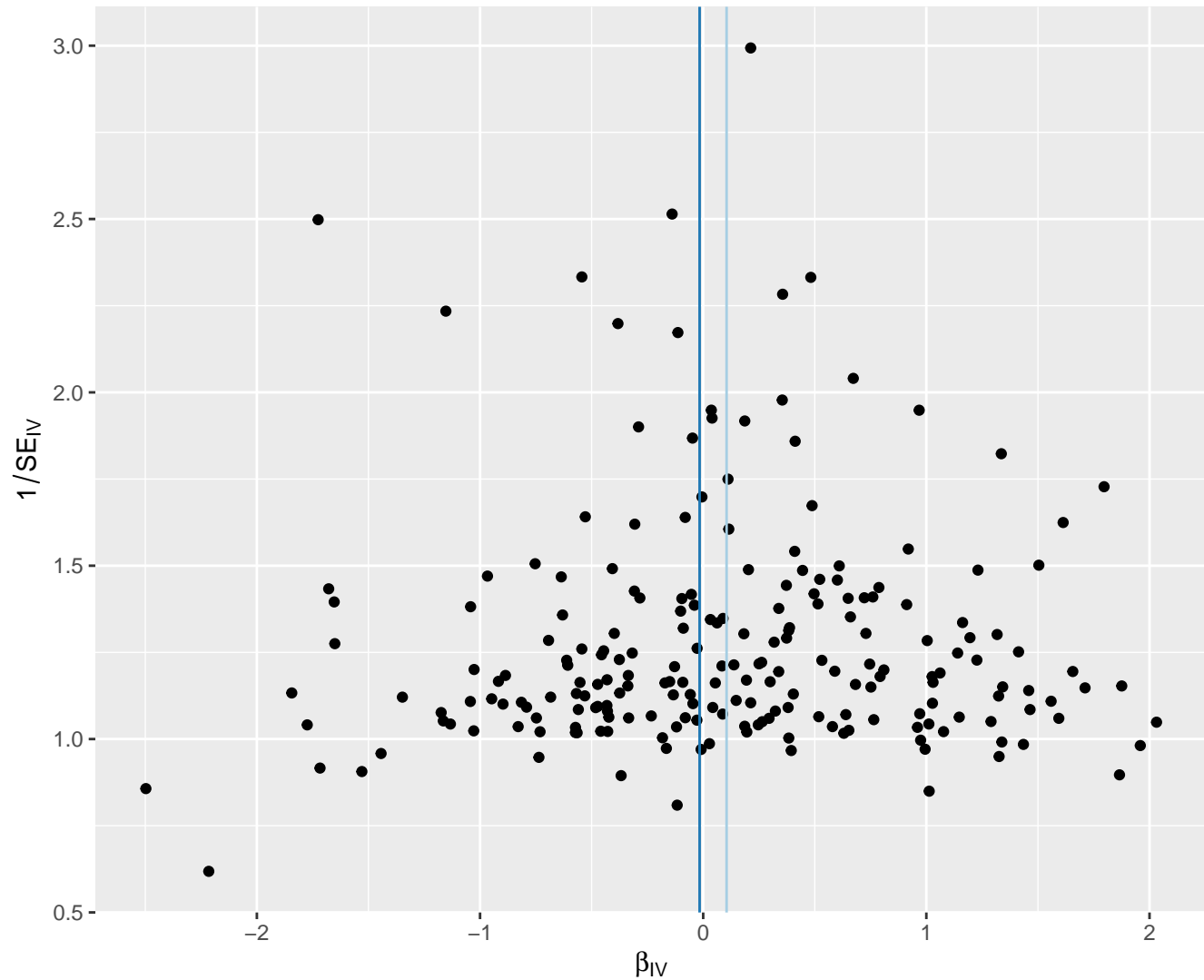
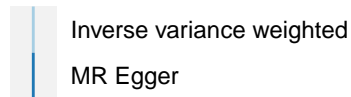
# Total lipids in medium VLDL

MR Method



# Total lipids in small HDL

MR Method

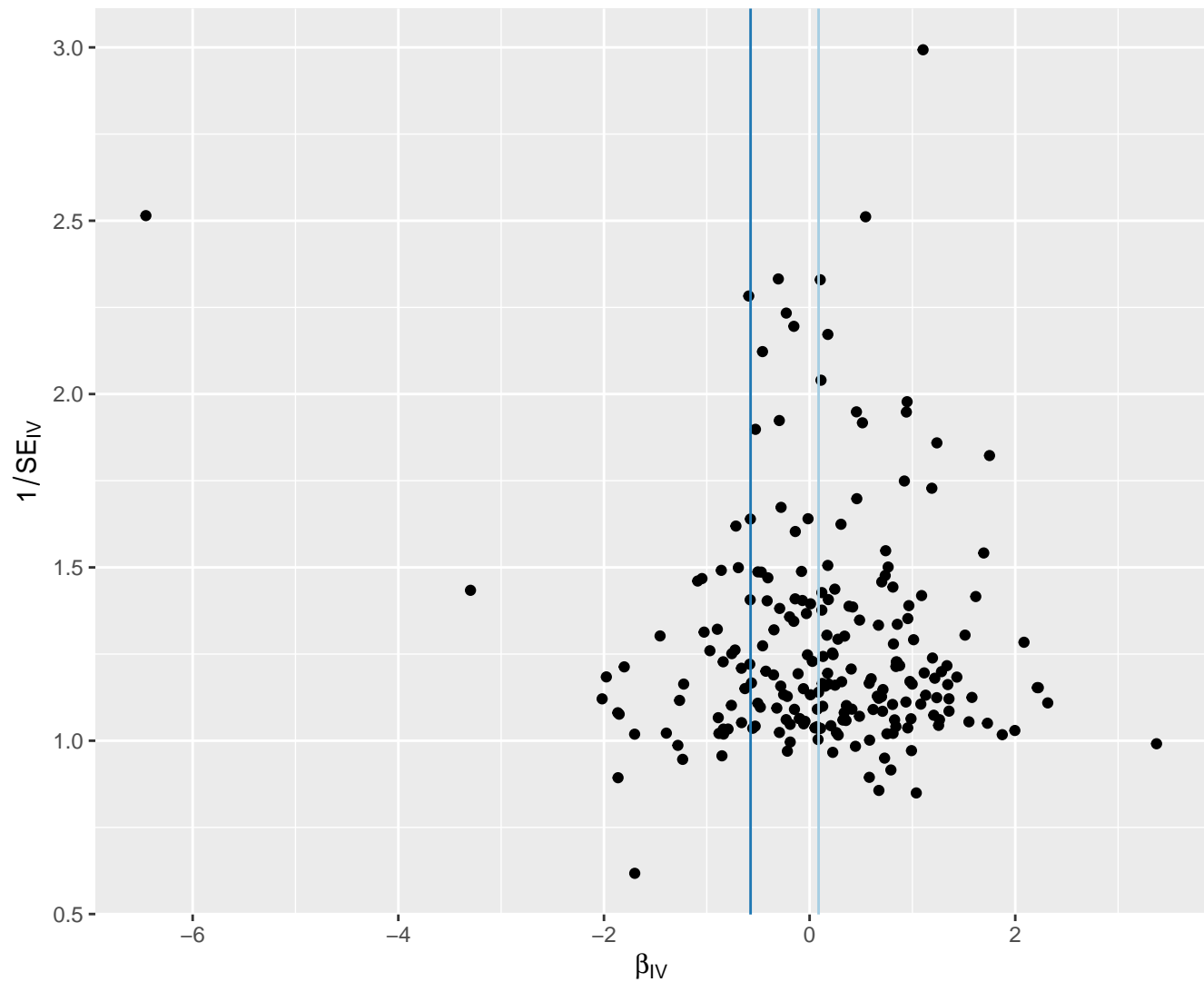




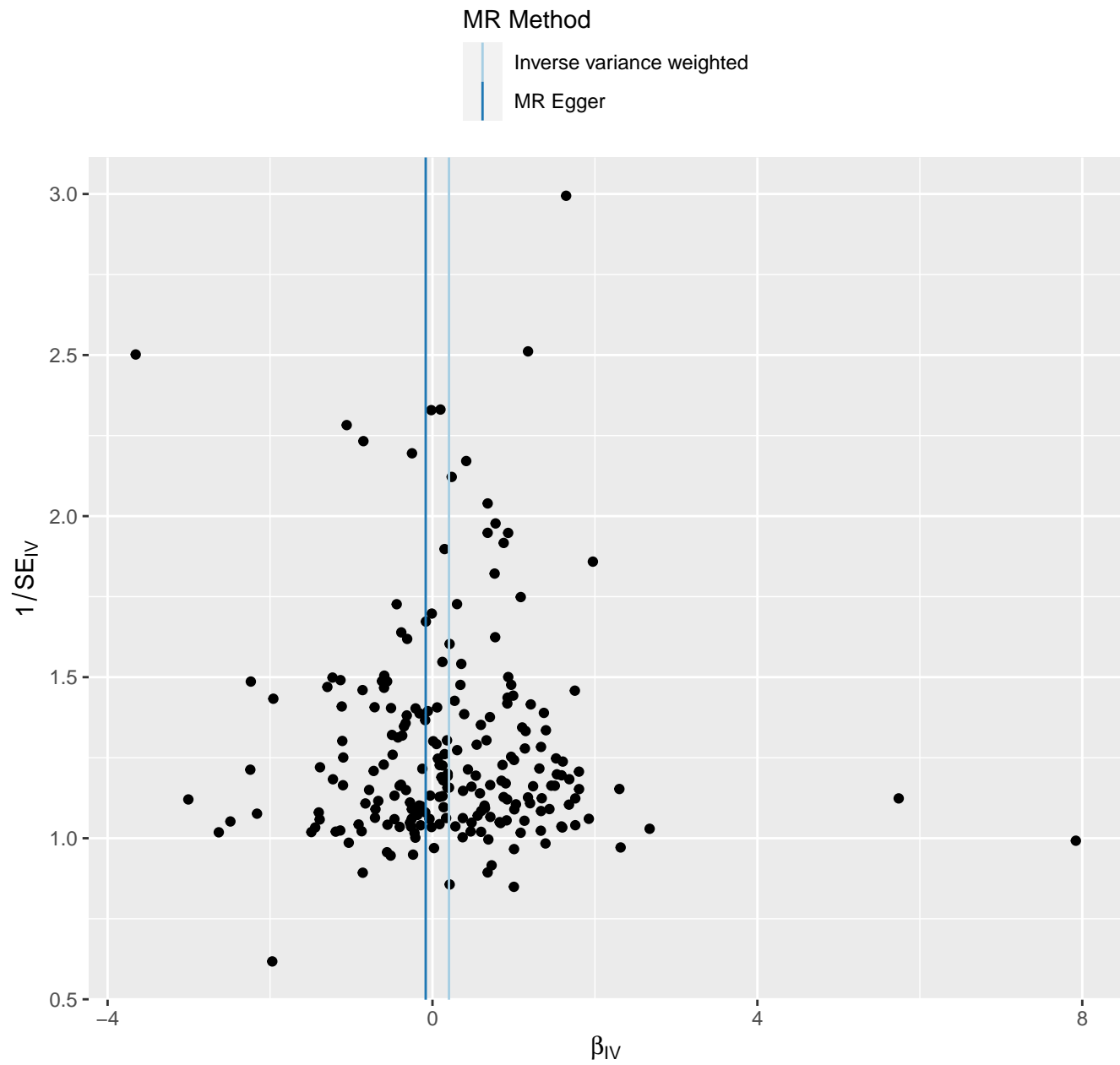
# Total lipids in small LDL

MR Method

Inverse variance weighted  
MR Egger



# Total lipids in small VLDL

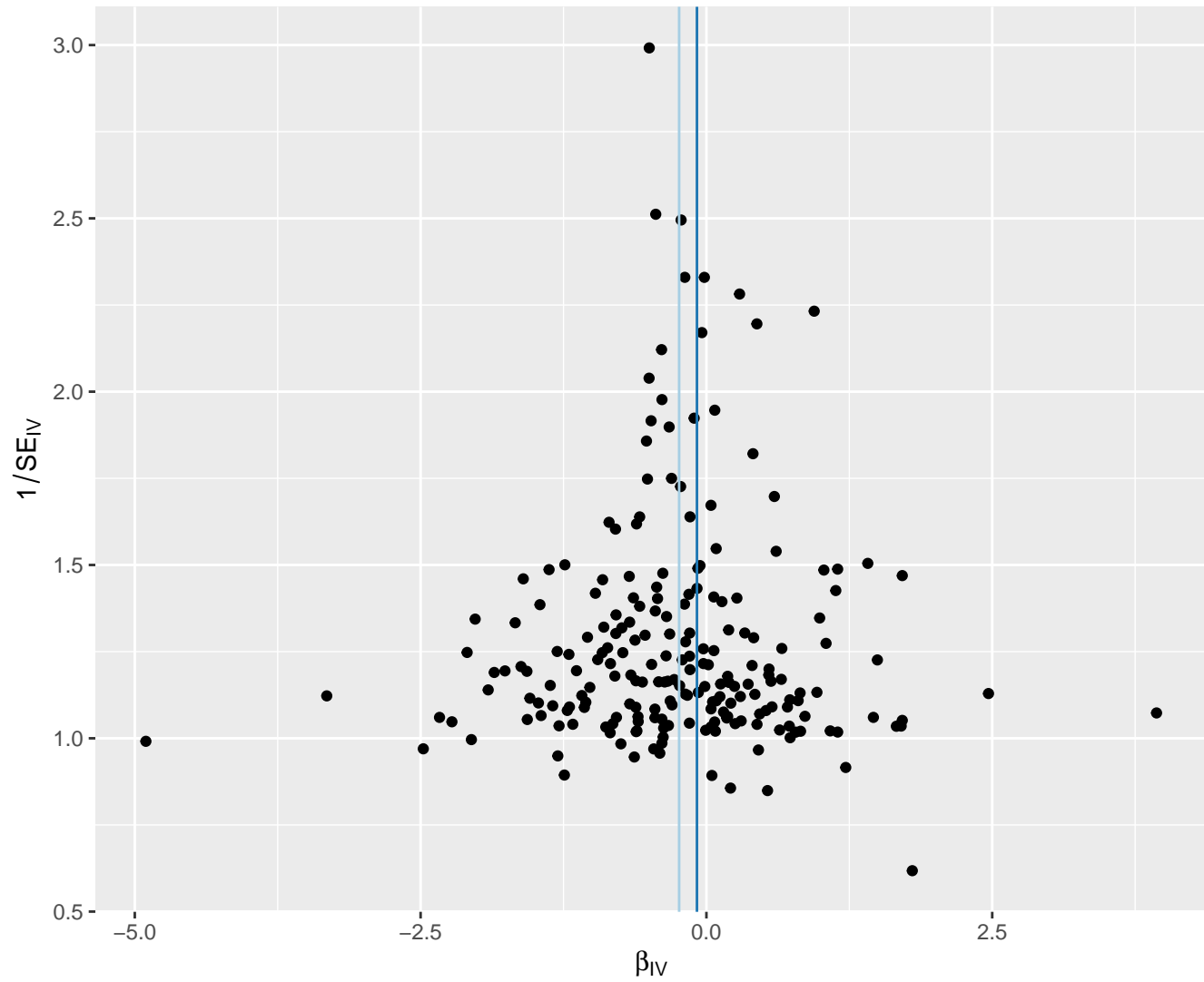


# Total lipids in very large HDL

MR Method

Inverse variance weighted

MR Egger

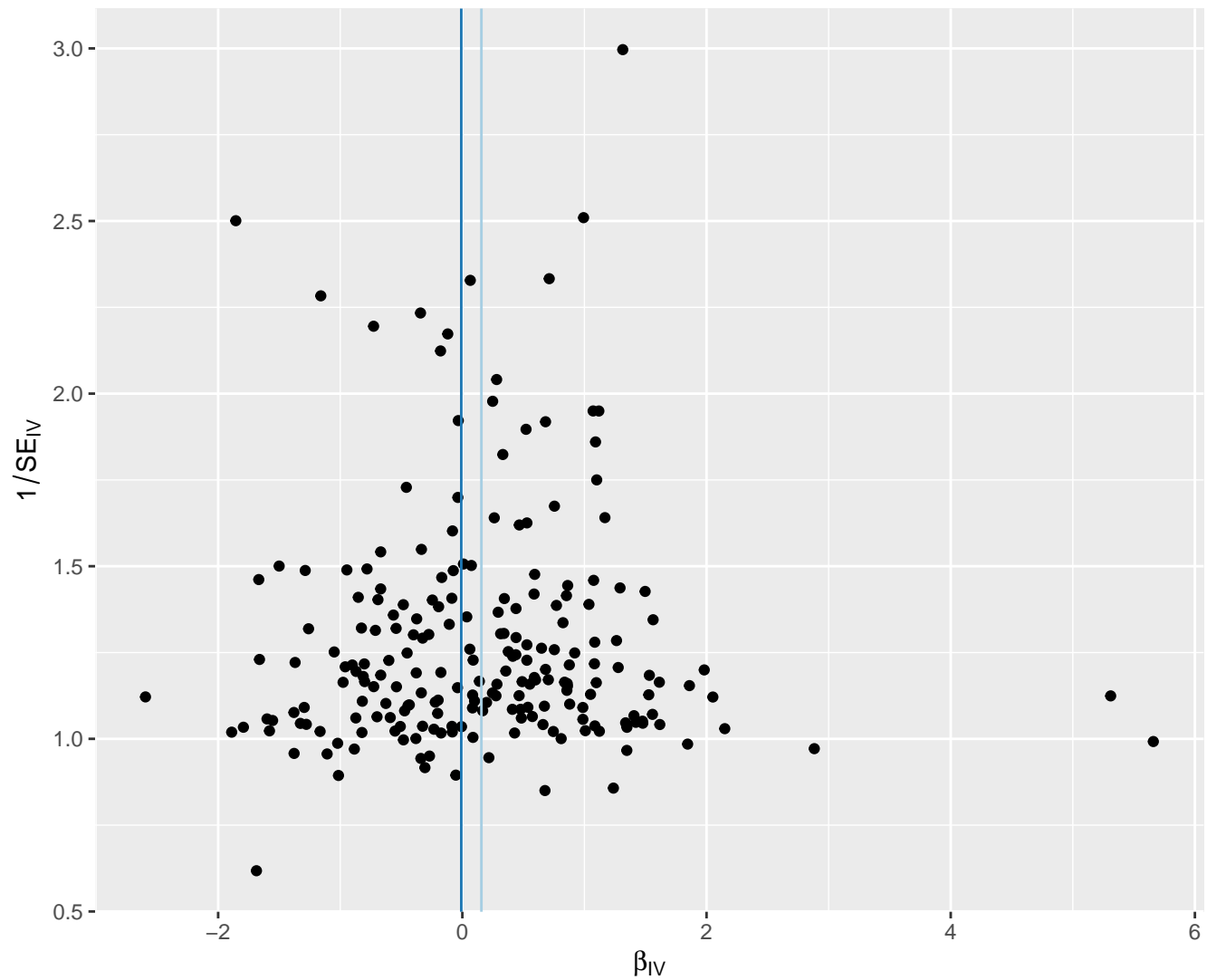


# Total lipids in very large VLDL

MR Method

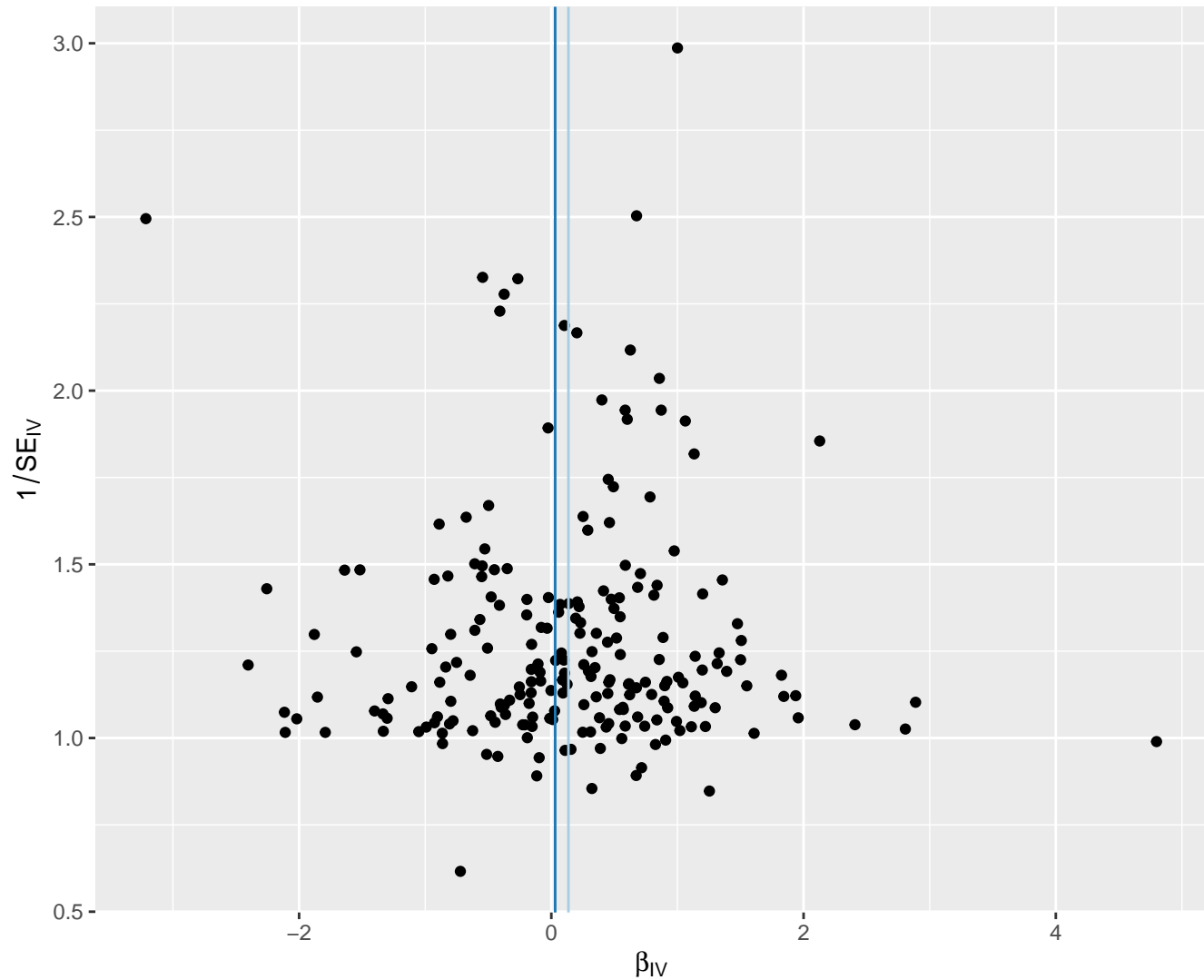
Inverse variance weighted

MR Egger

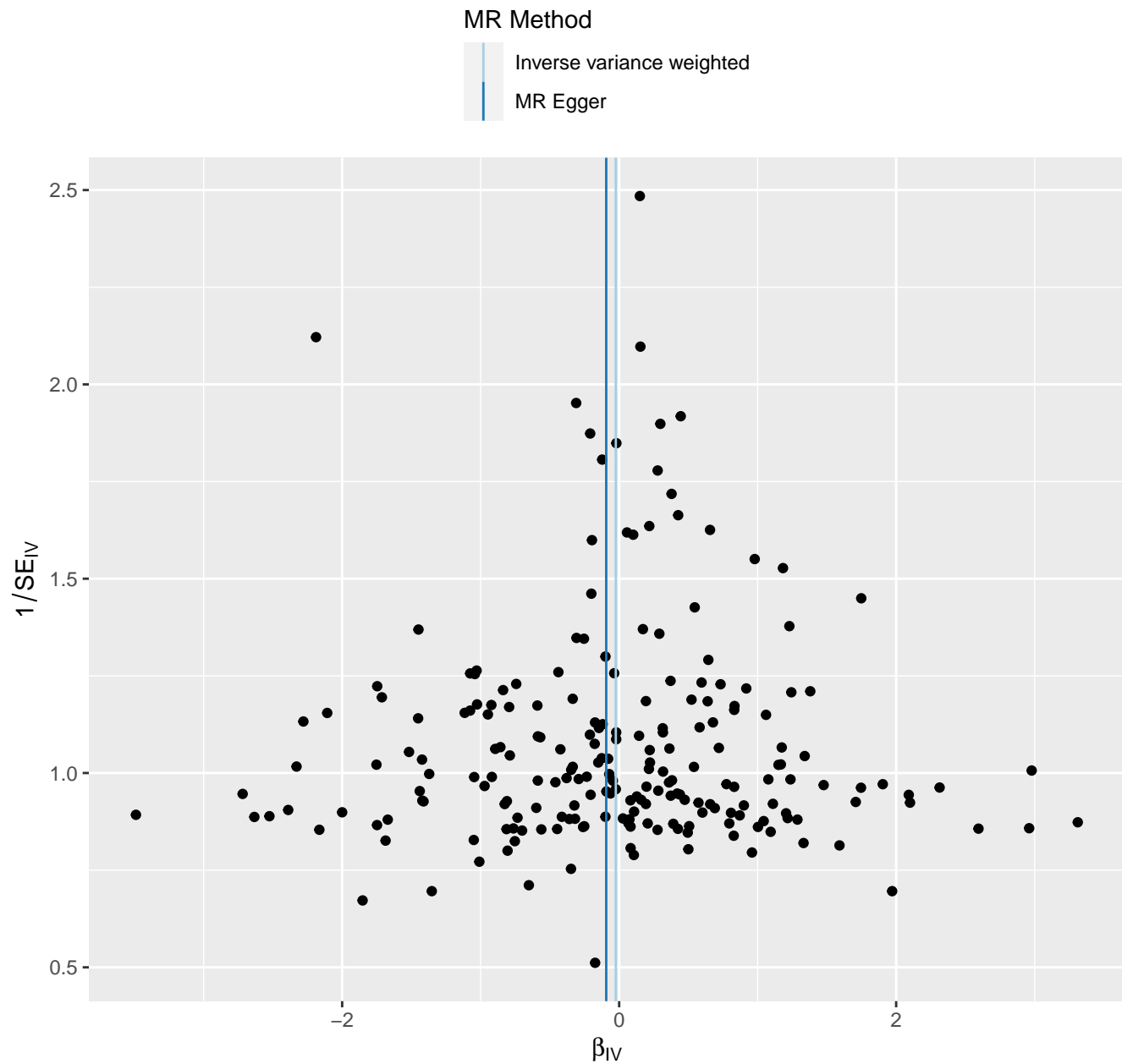


# Total lipids in very small VLDL

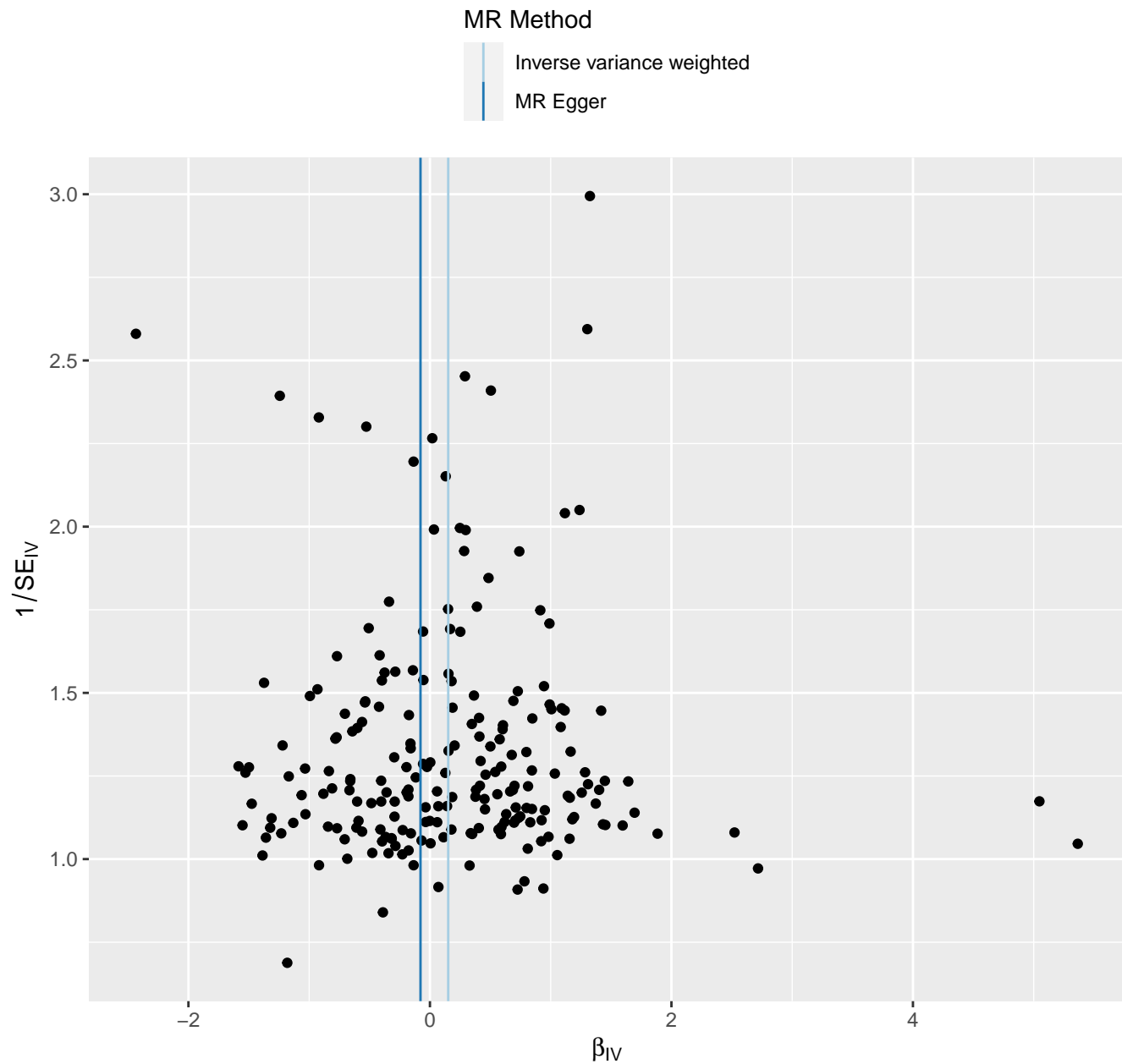
MR Method



# Total phosphoglycerides

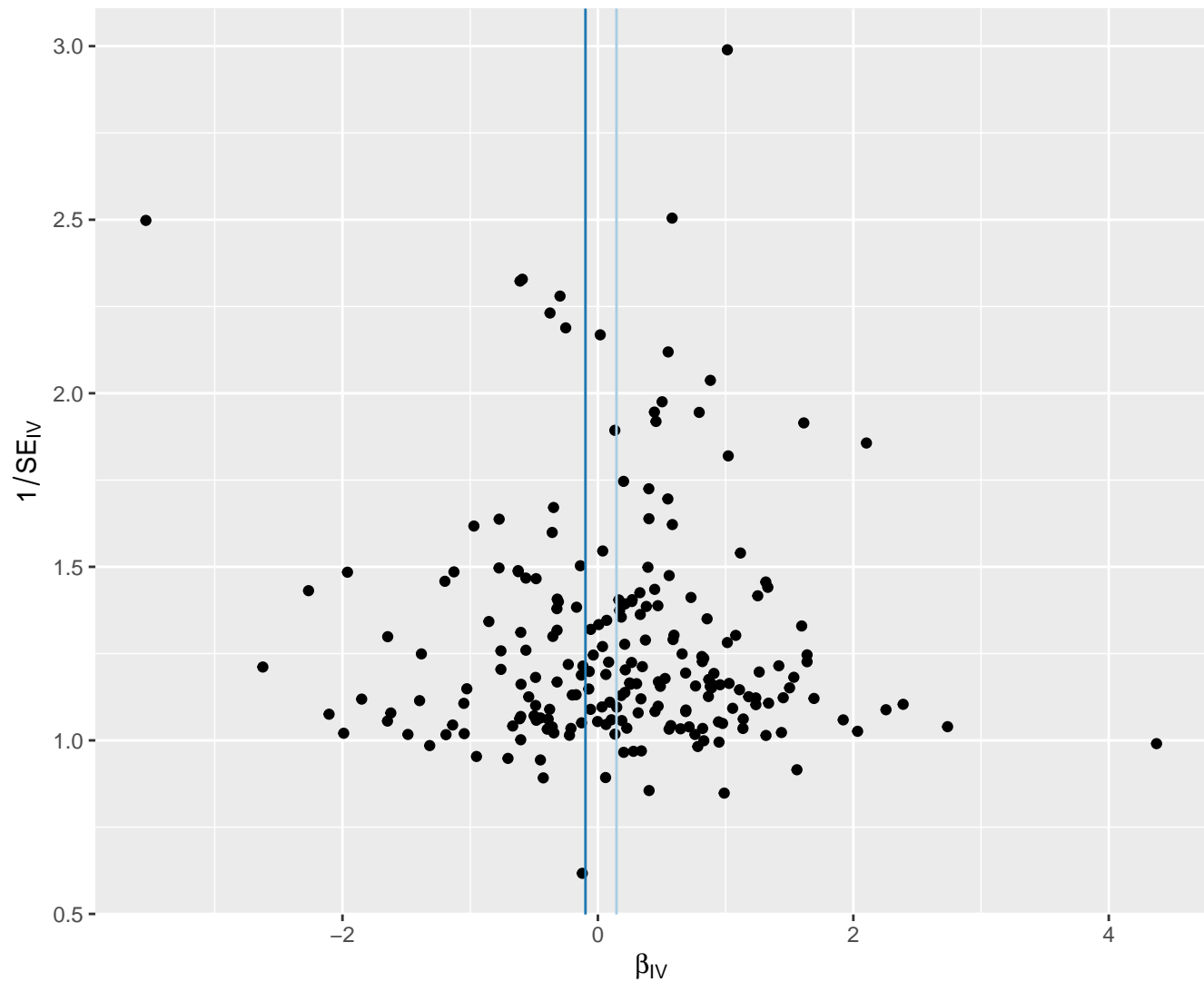
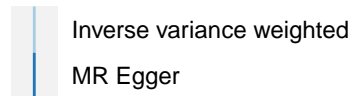


# Triglycerides in chylomicrons and largest VLDL particles



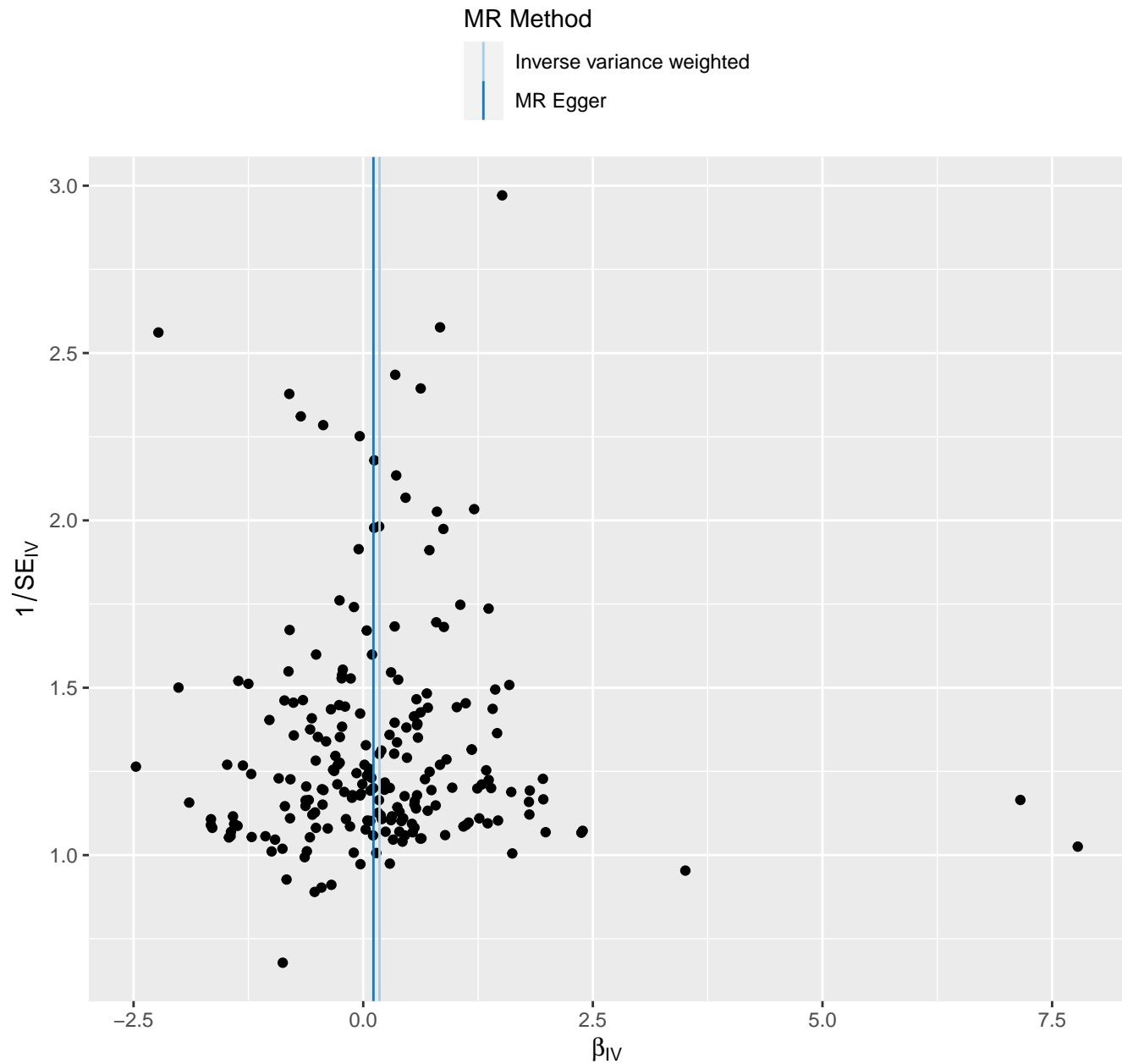
# Triglycerides in IDL

MR Method

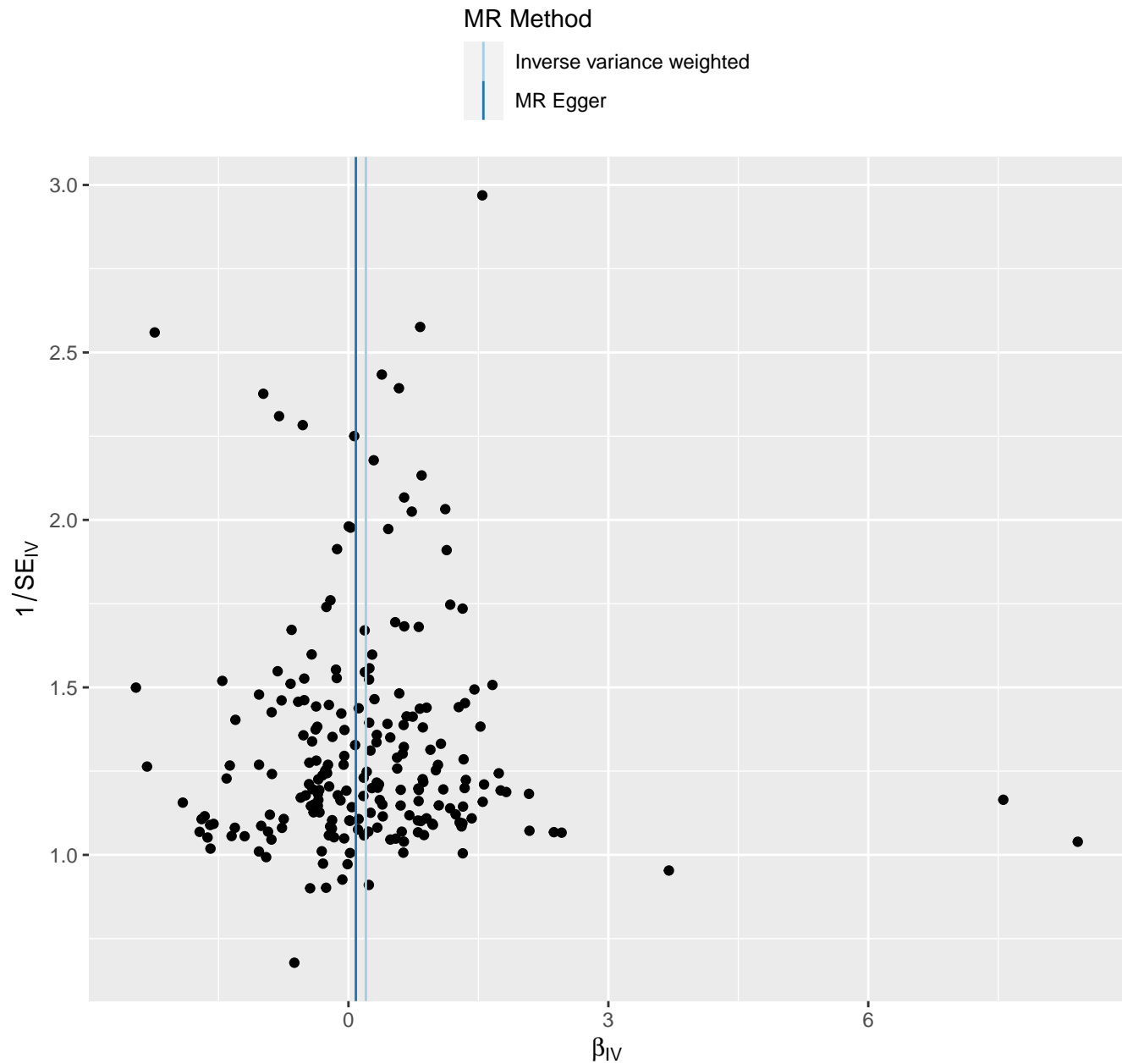




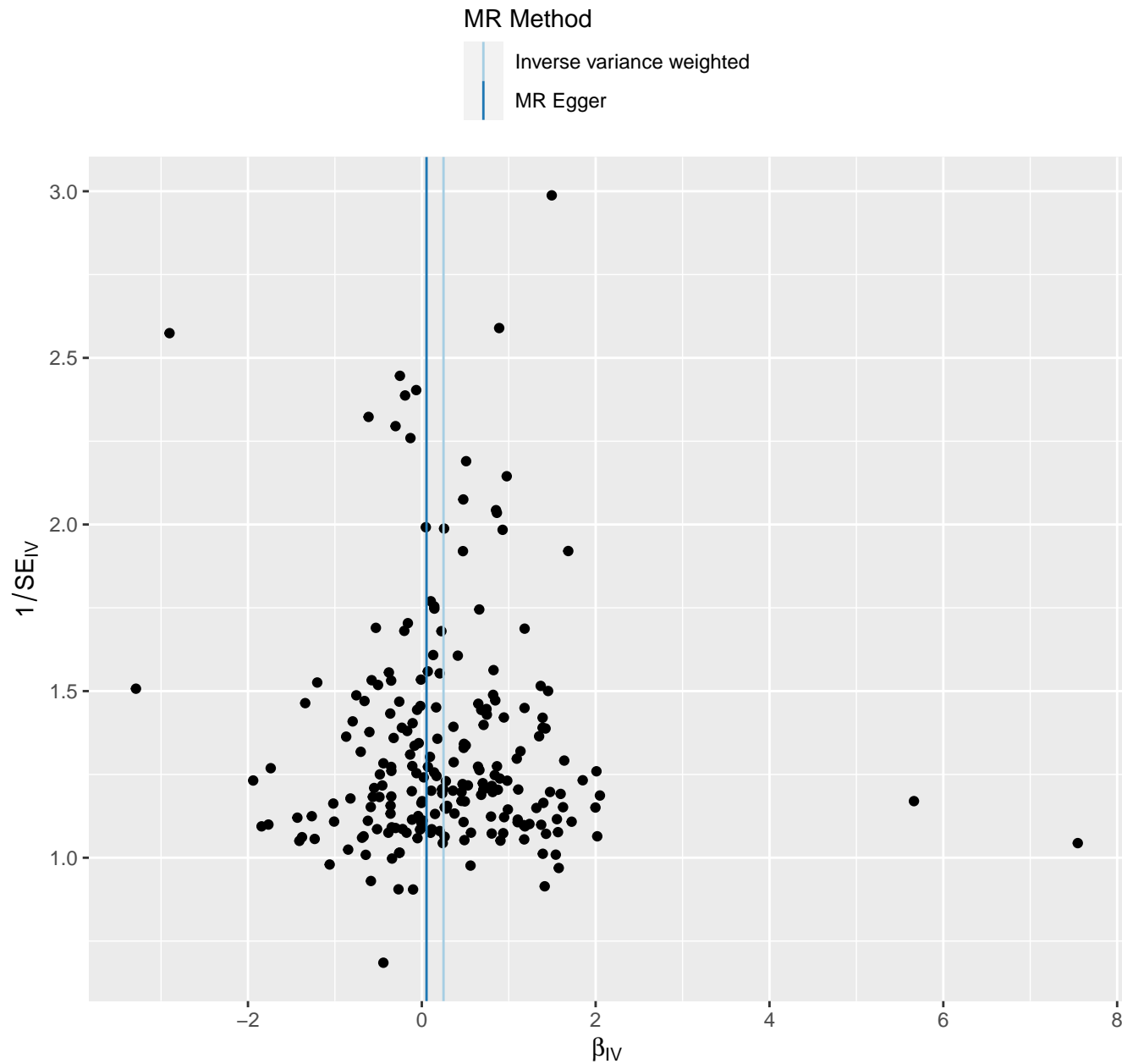
# Triglycerides in large VLDL



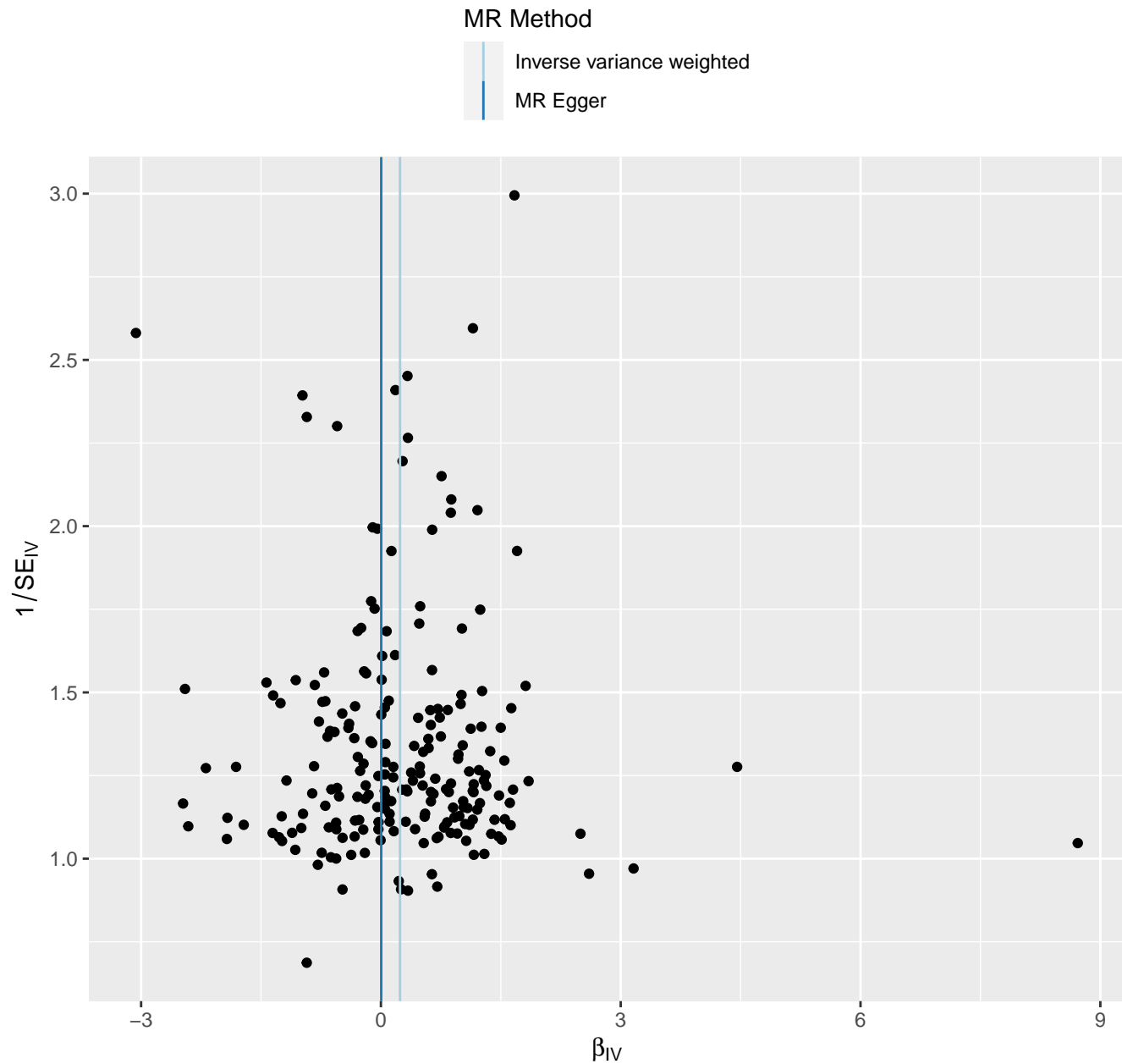
# Triglycerides in medium VLDL



# Triglycerides in small HDL

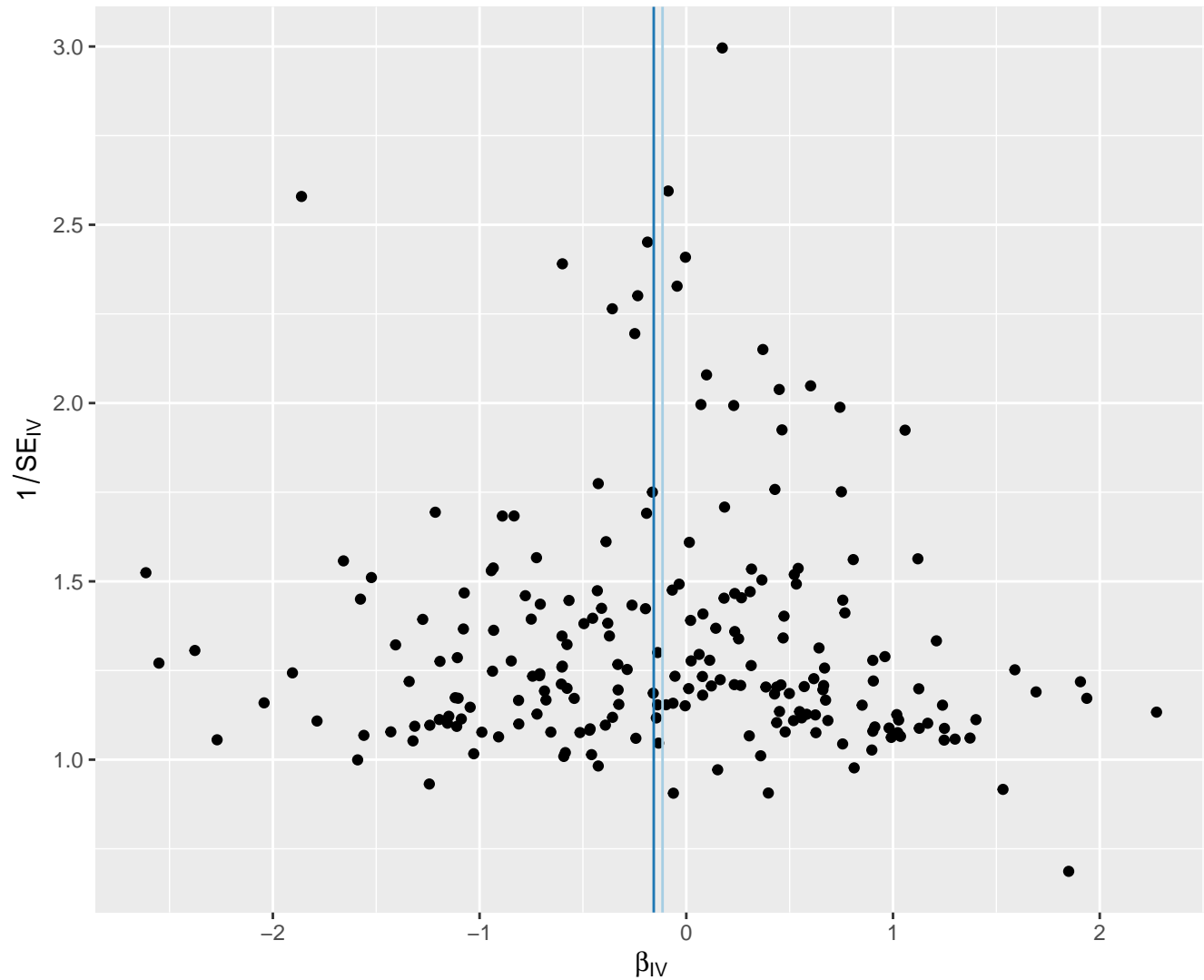


# Triglycerides in small VLDL

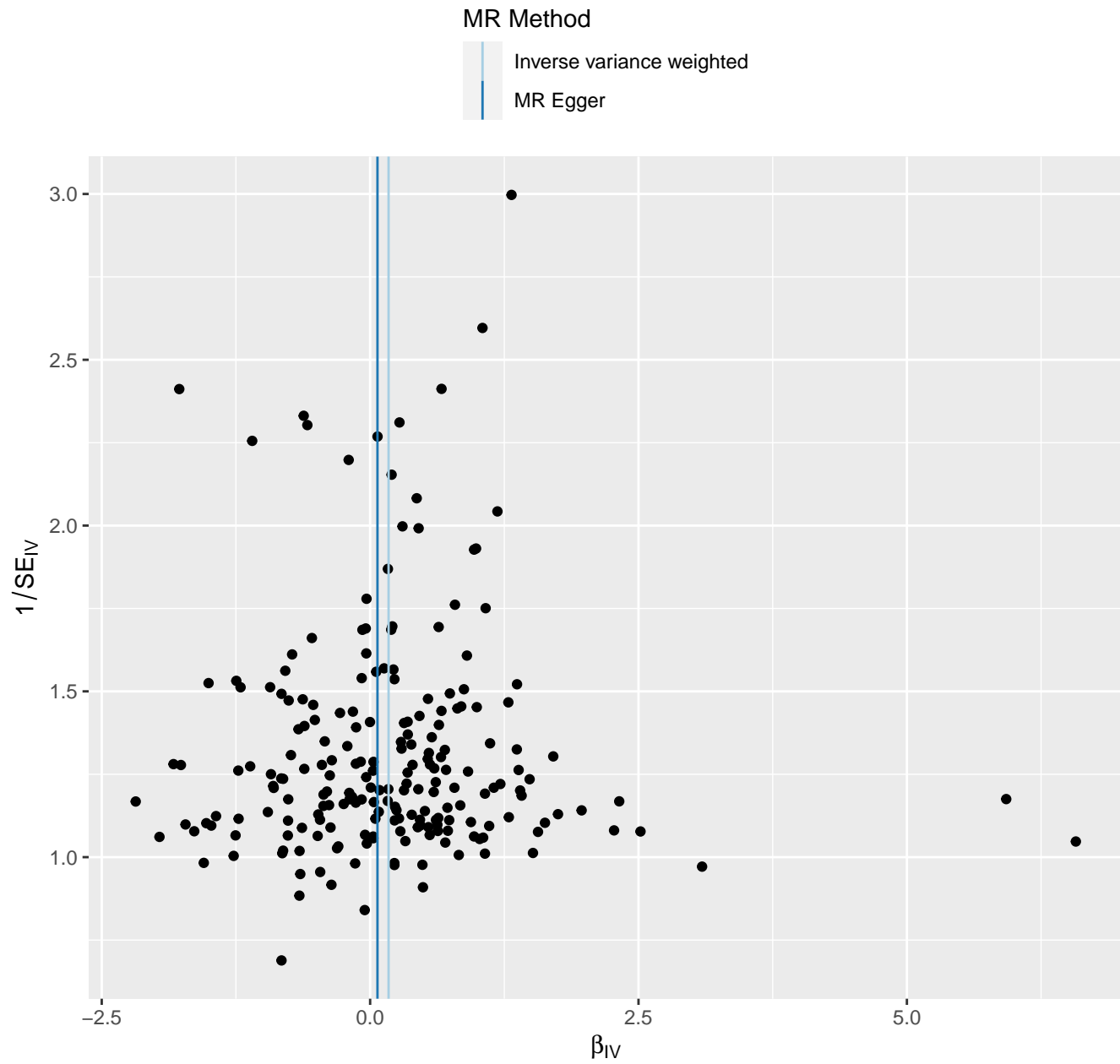


# Triglycerides in very large HDL

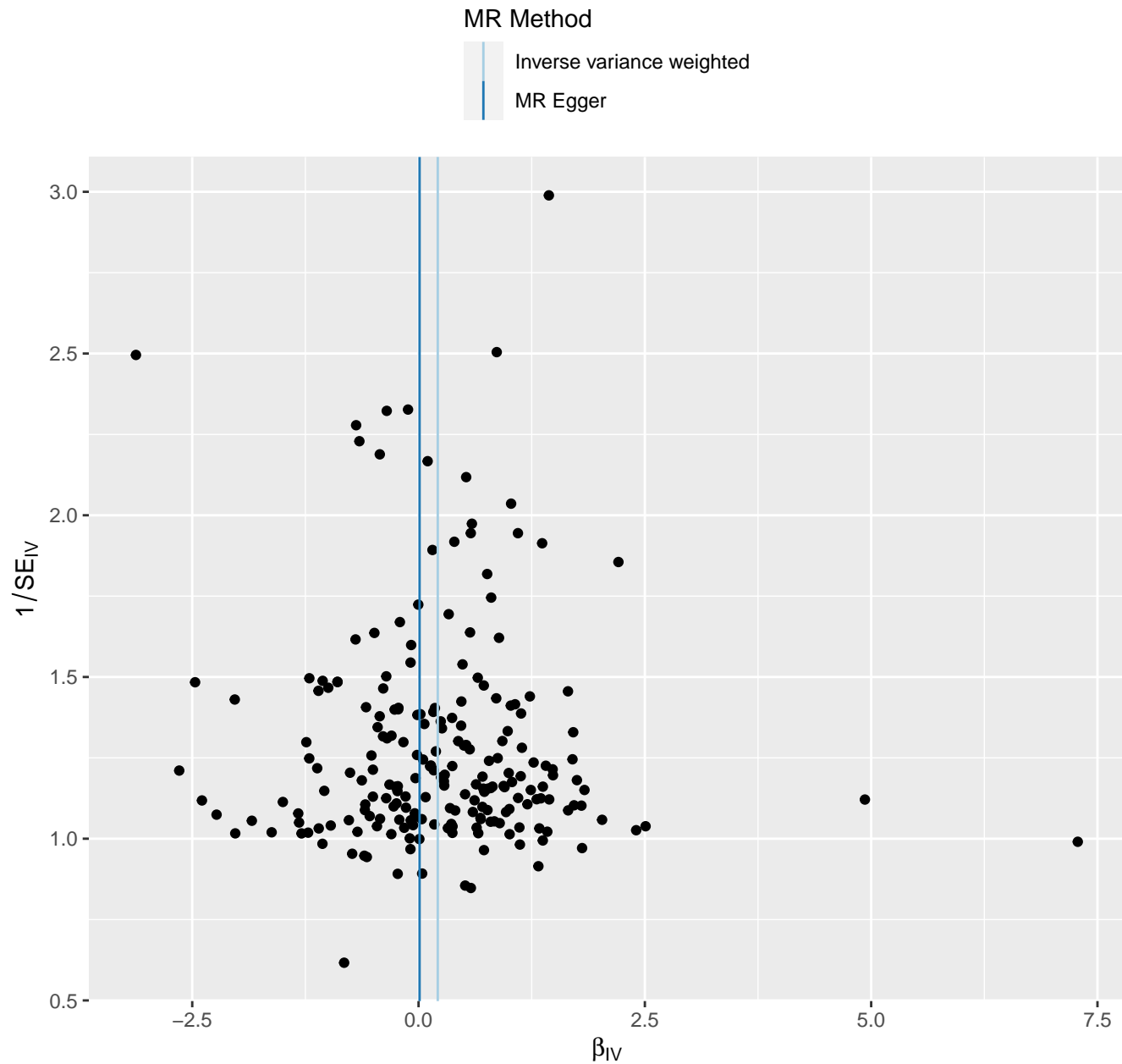
MR Method



# Triglycerides in very large VLDL

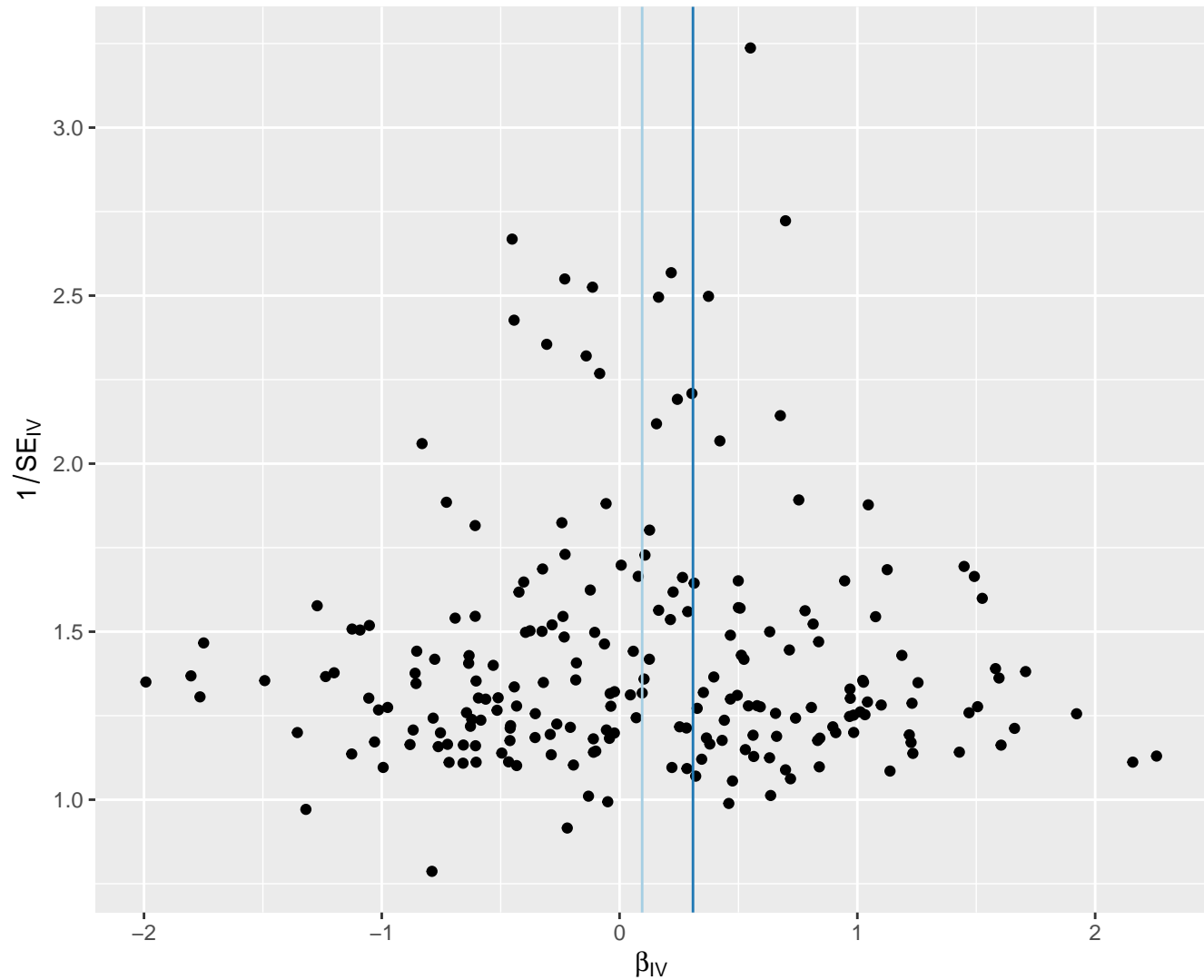
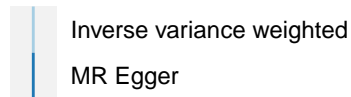


# Triglycerides in very small VLDL



# Tyrosine

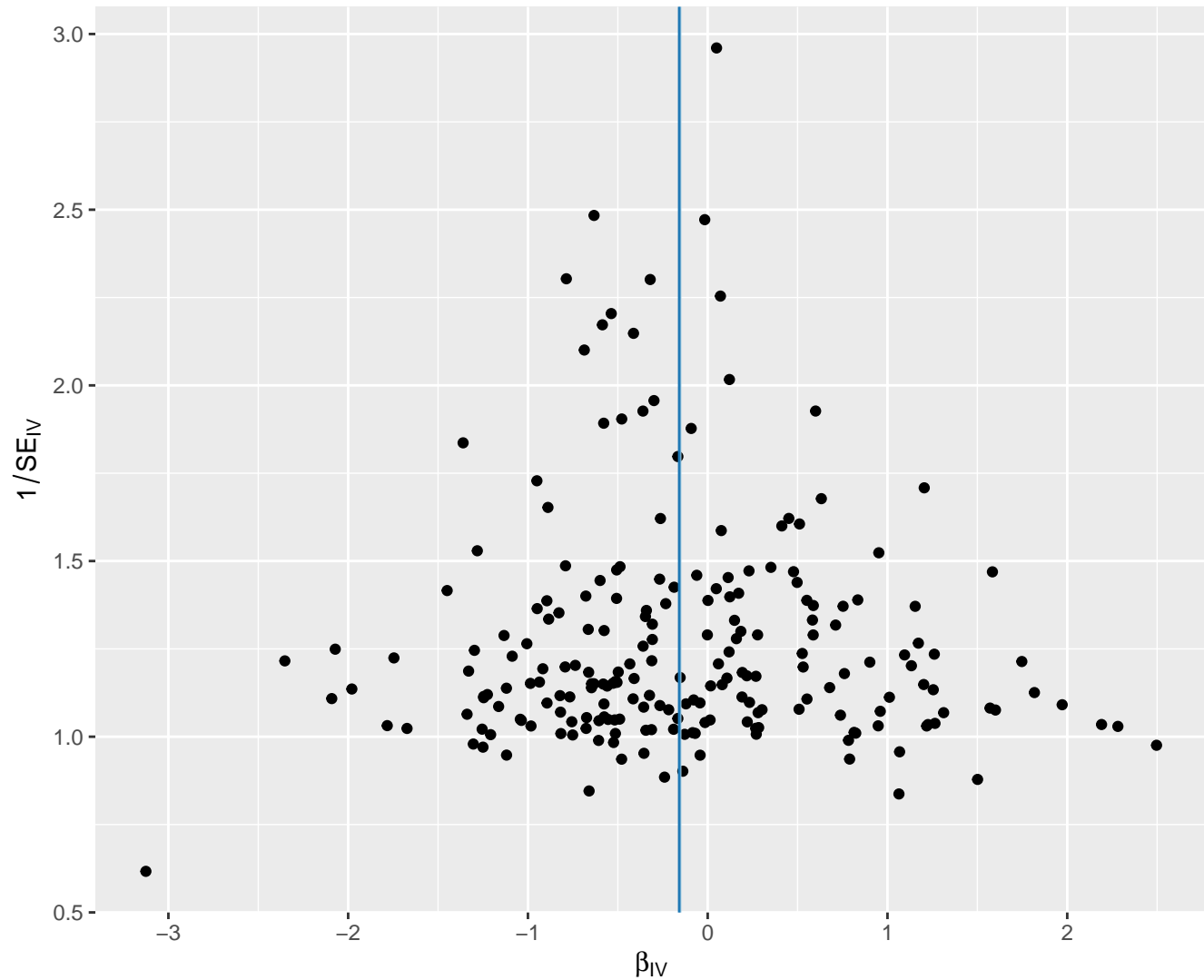
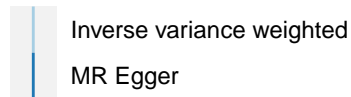
MR Method





# Urea

## MR Method



# Valine

MR Method

