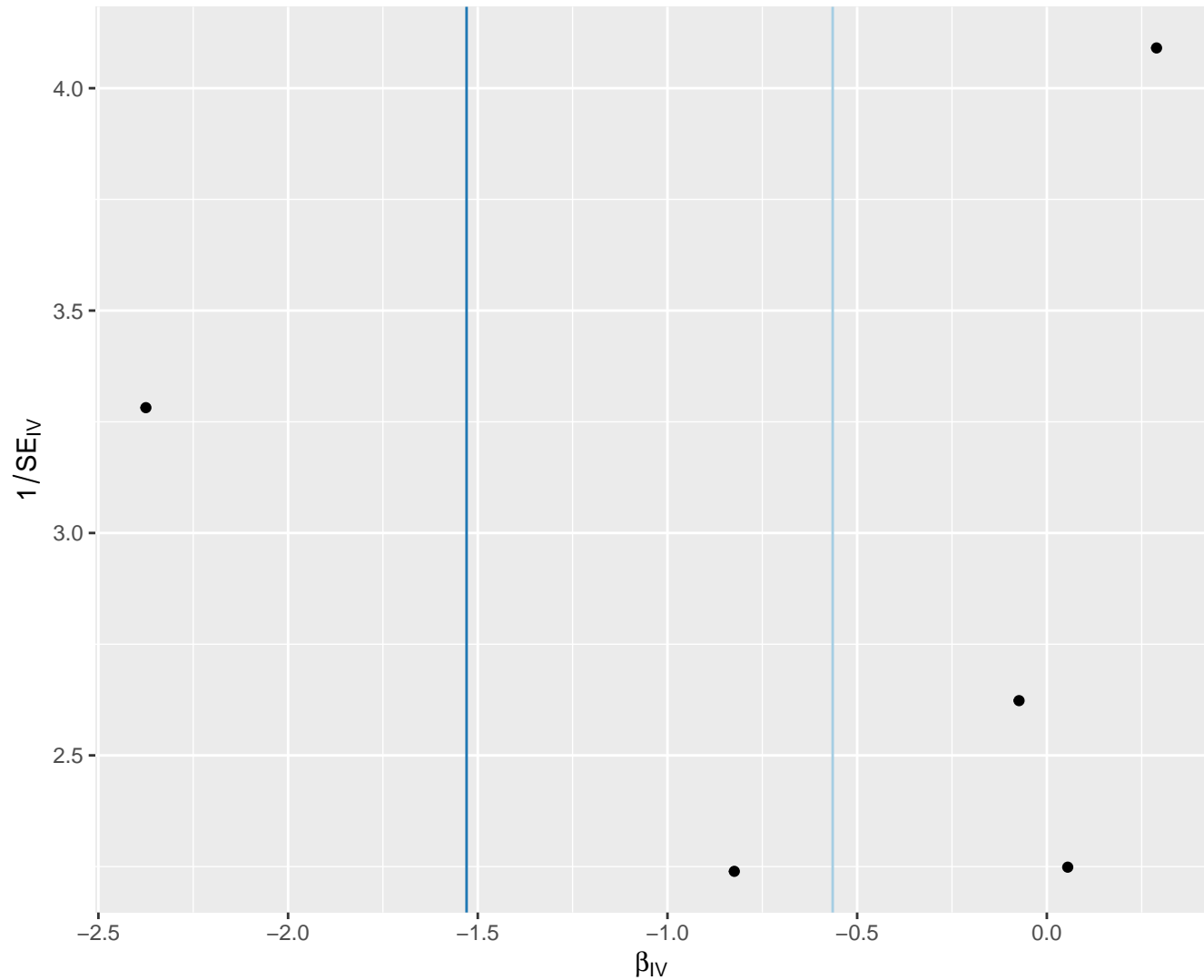


# 18:2, linoleic acid (LA)

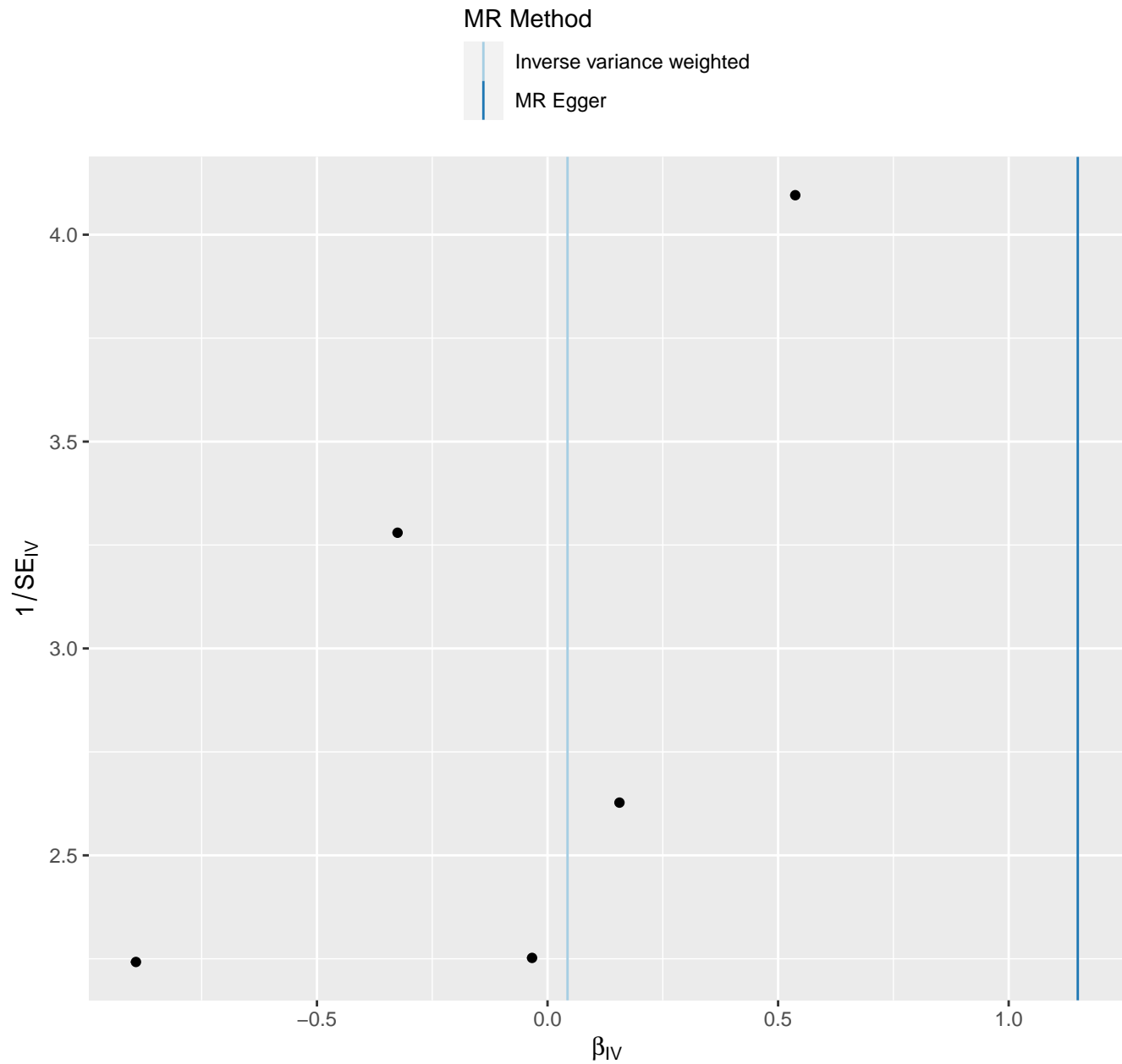
MR Method

Inverse variance weighted

MR Egger

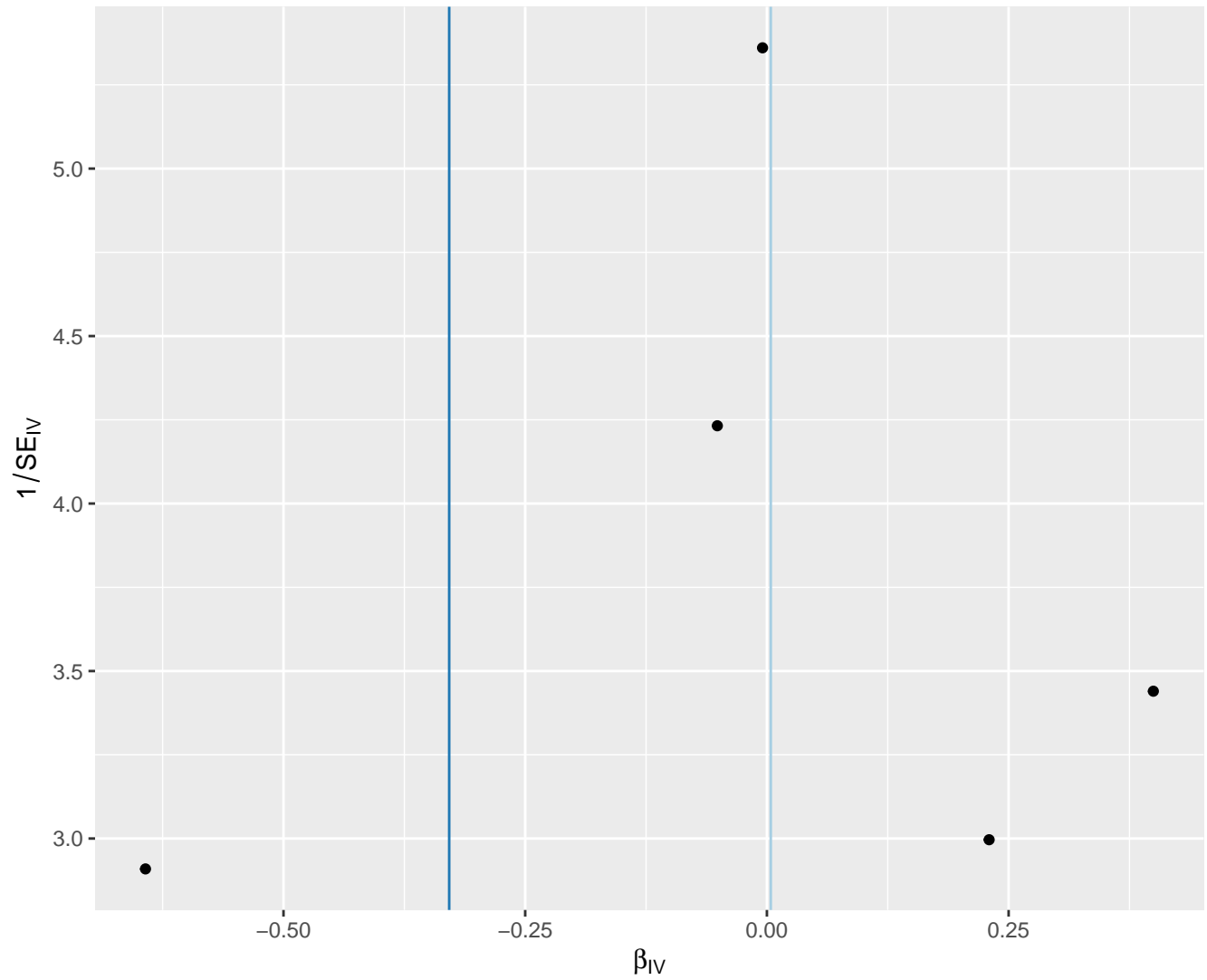


## 22:6, docosahexaenoic acid



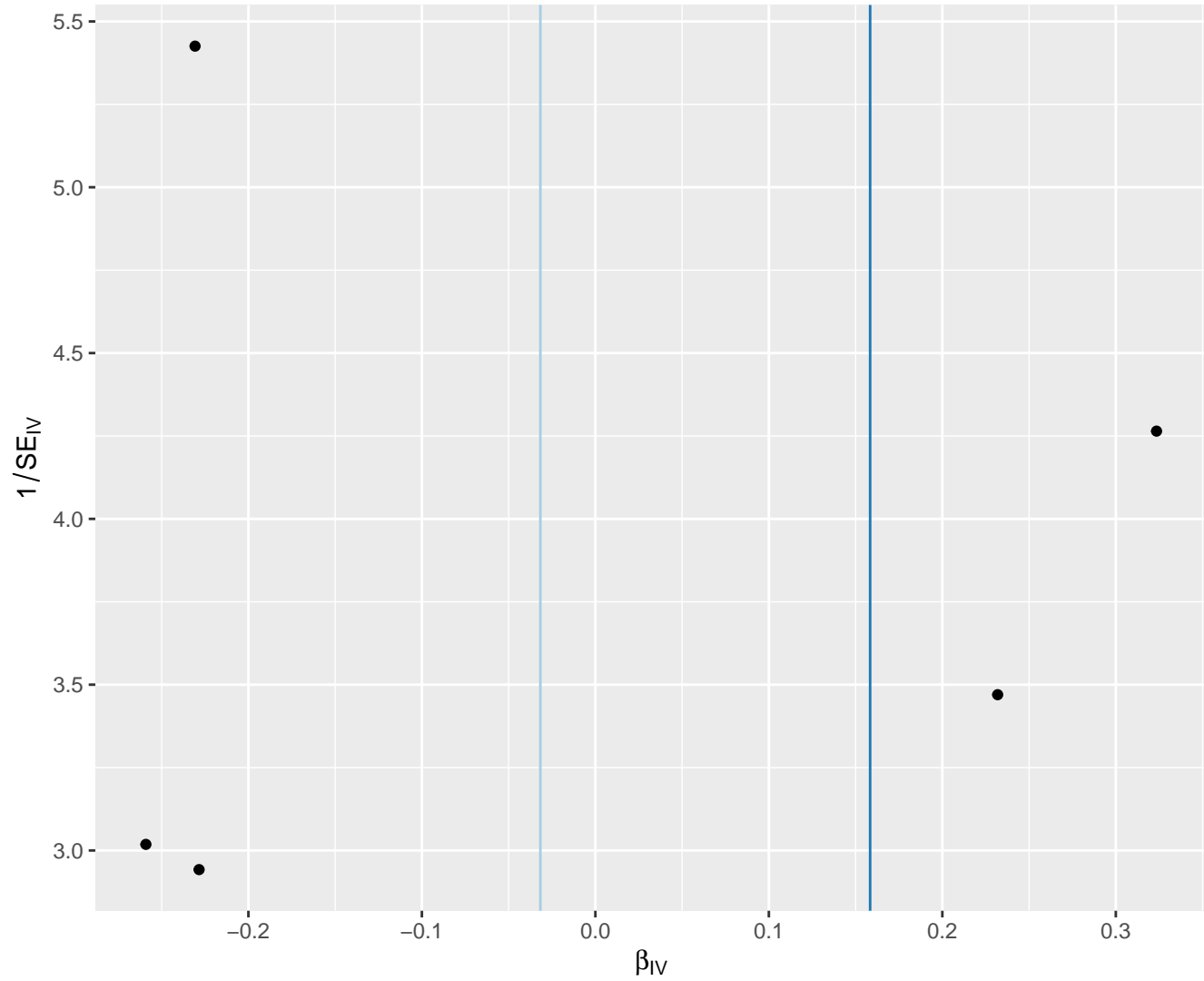
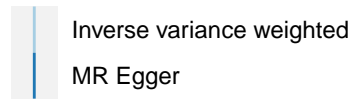
# 3-hydroxybutyrate

MR Method



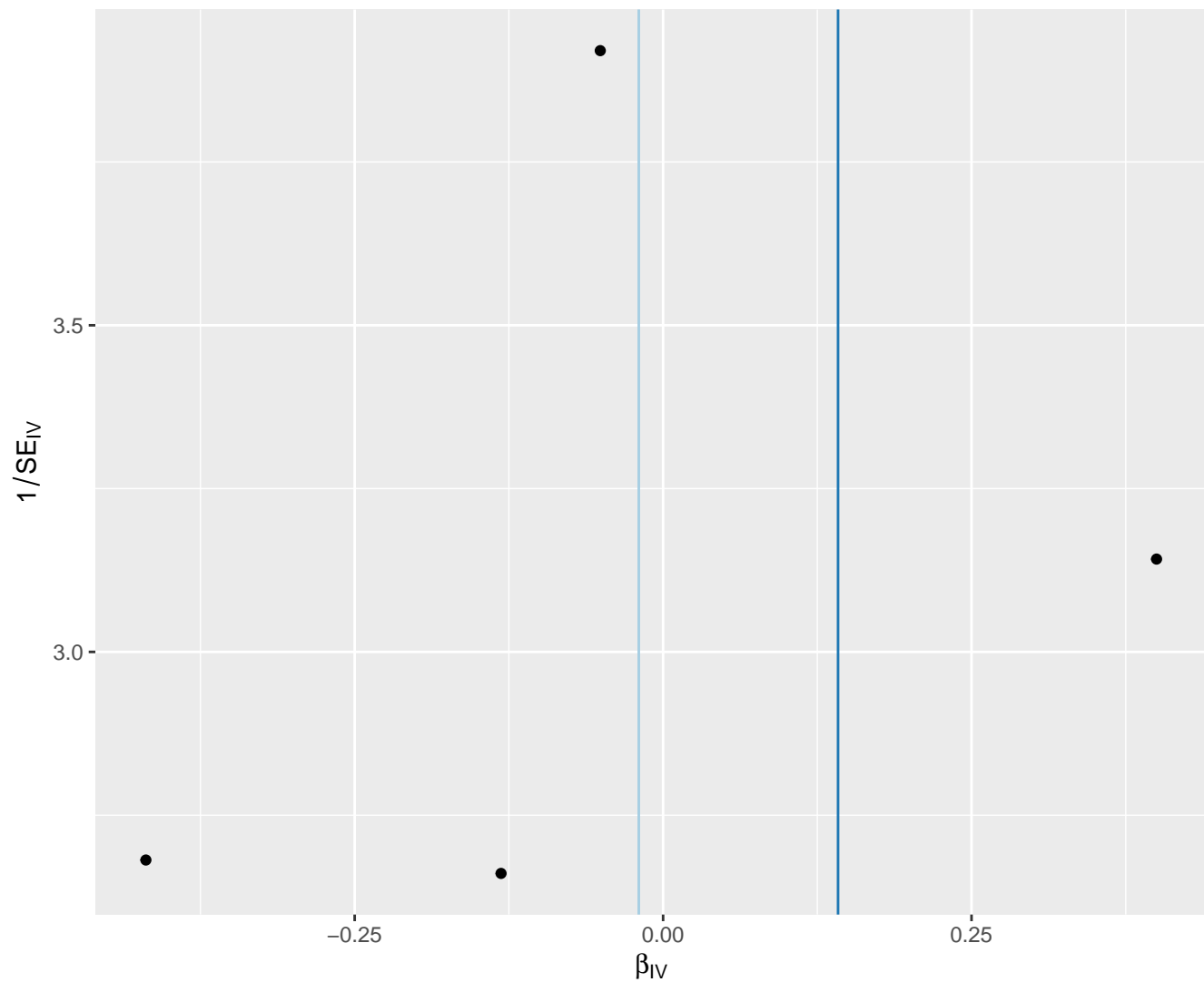
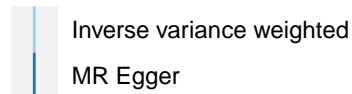
# Acetate

## MR Method

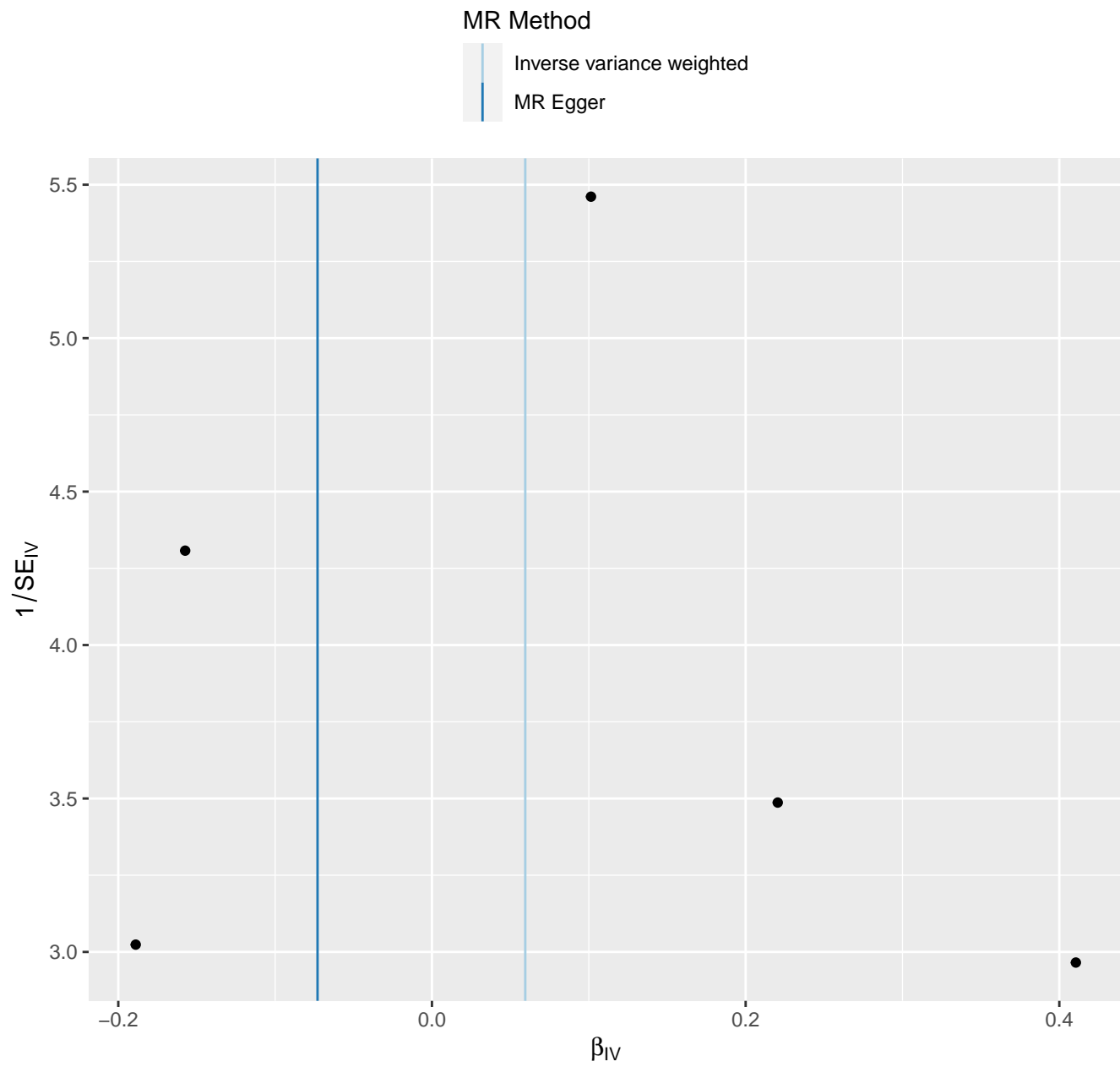


# Acetoacetate

## MR Method

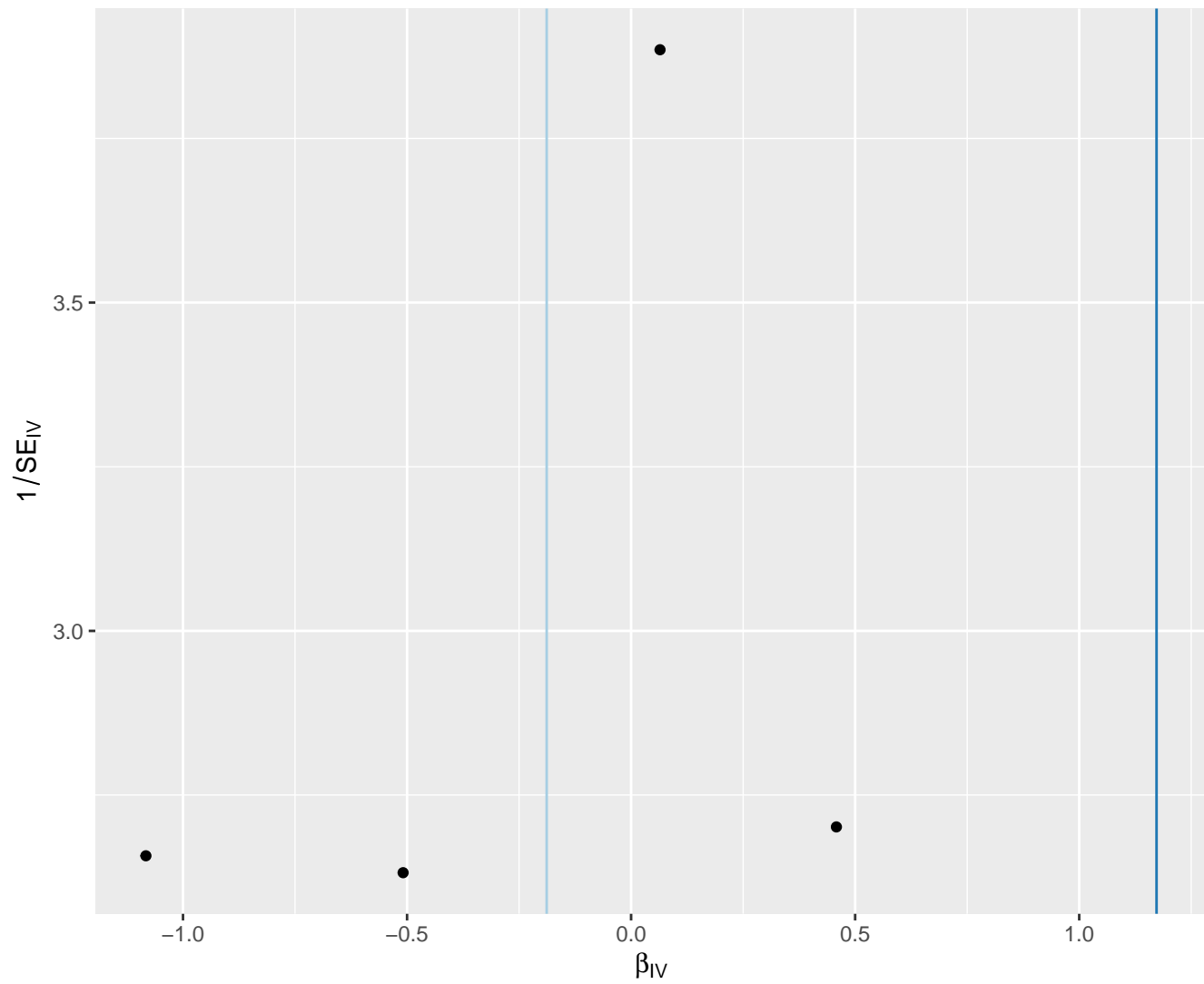


# Alanine



# Albumin

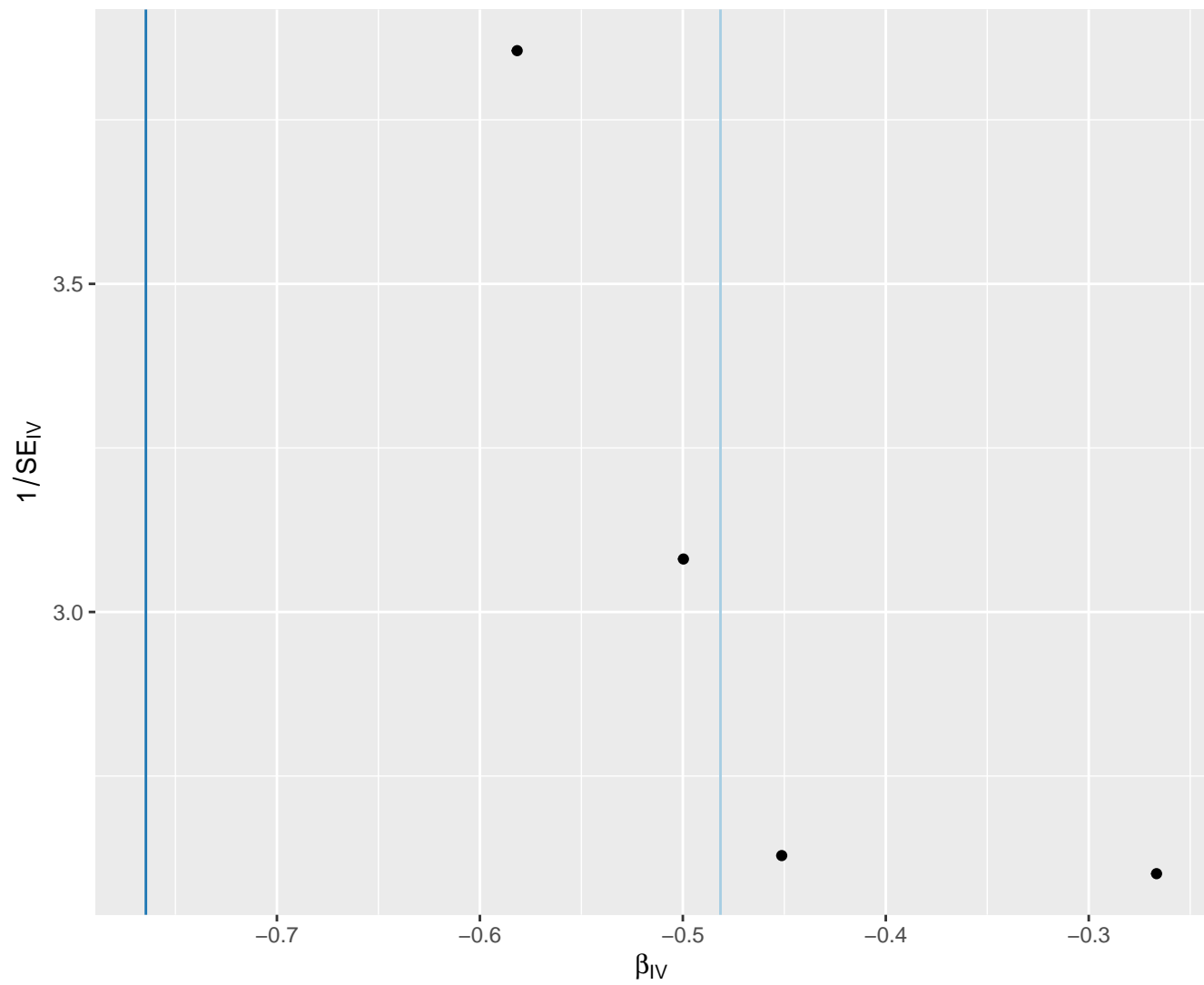
## MR Method



# Apolipoprotein A-I

MR Method

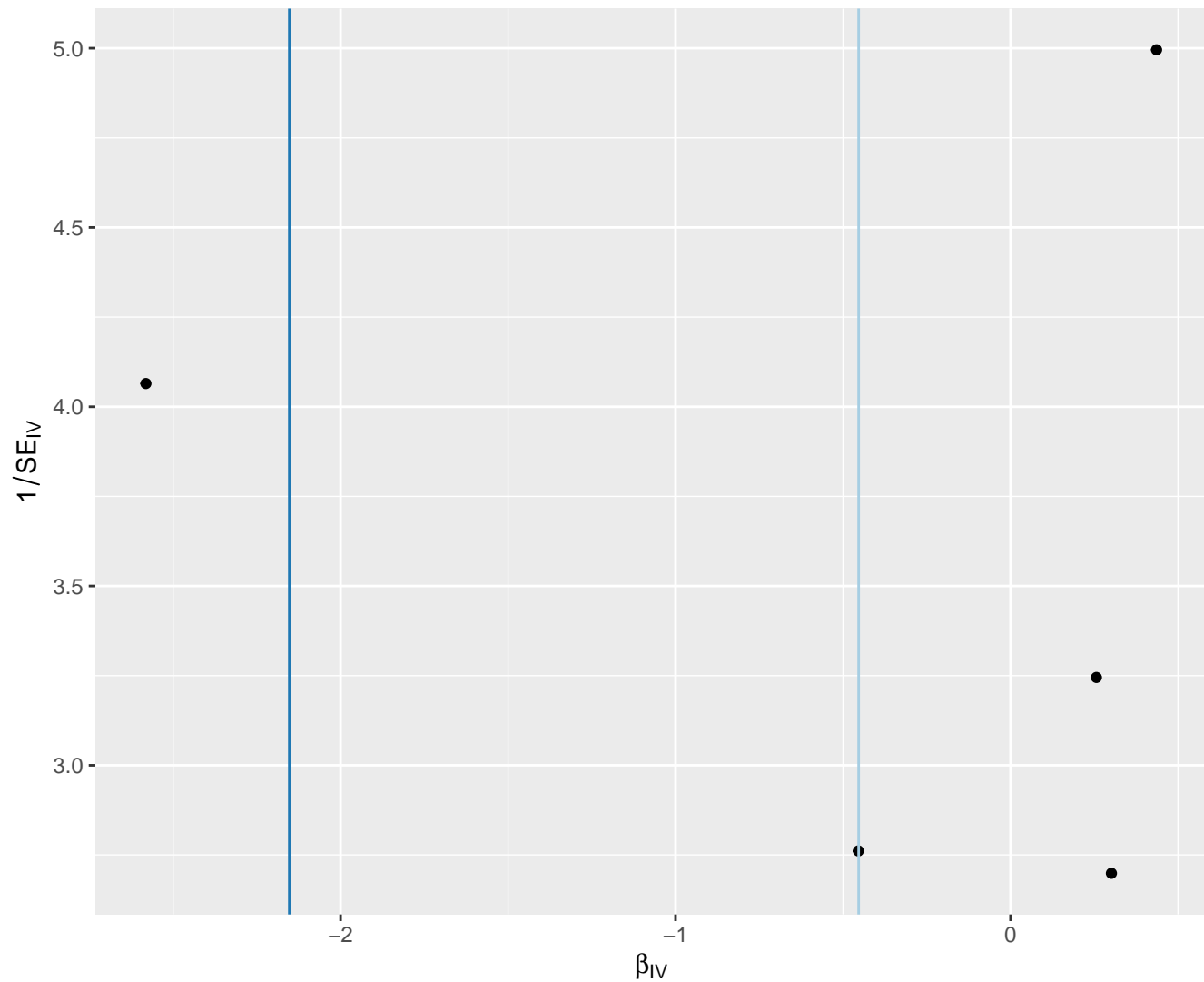
Inverse variance weighted  
MR Egger



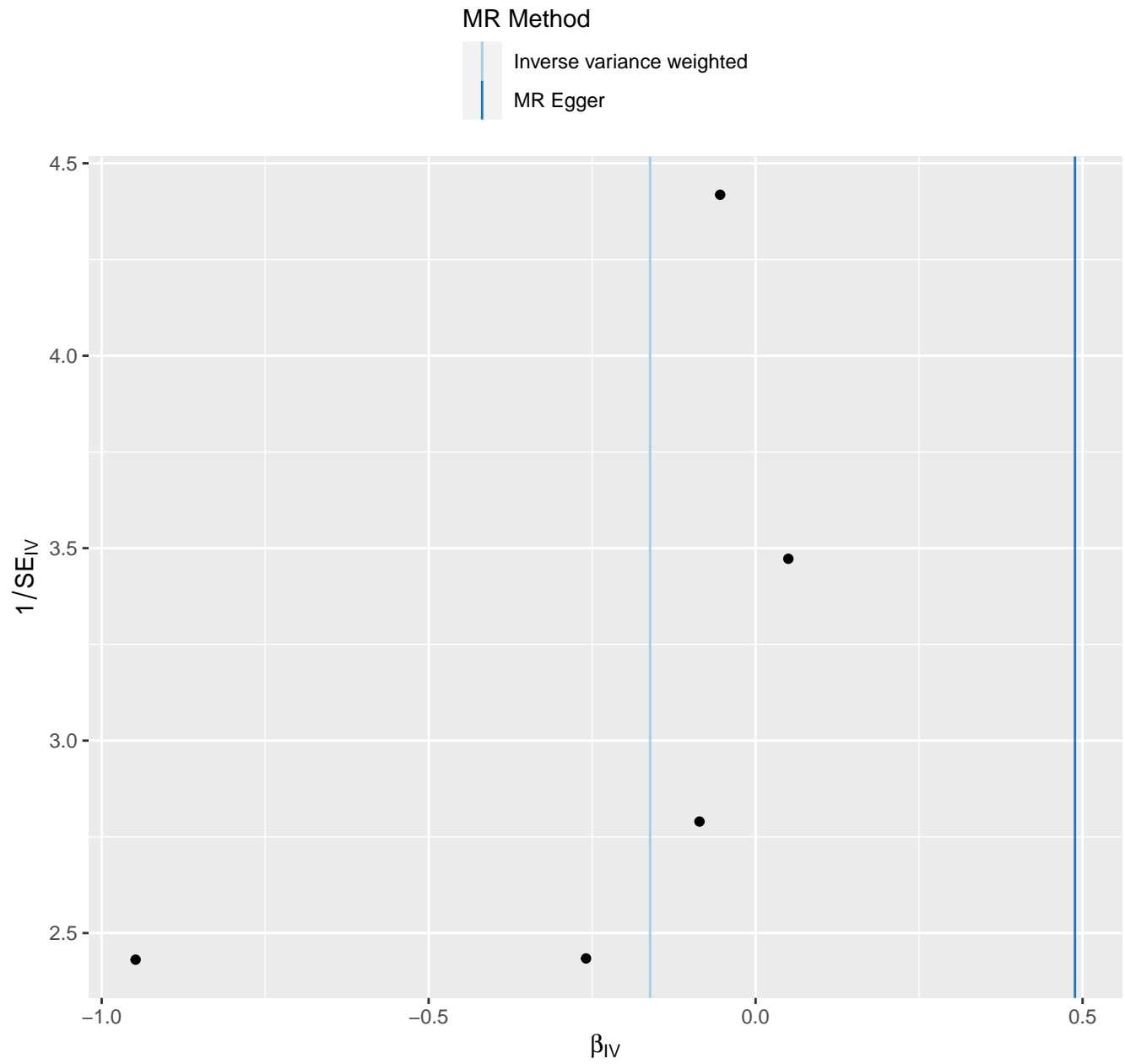


# Apolipoprotein B

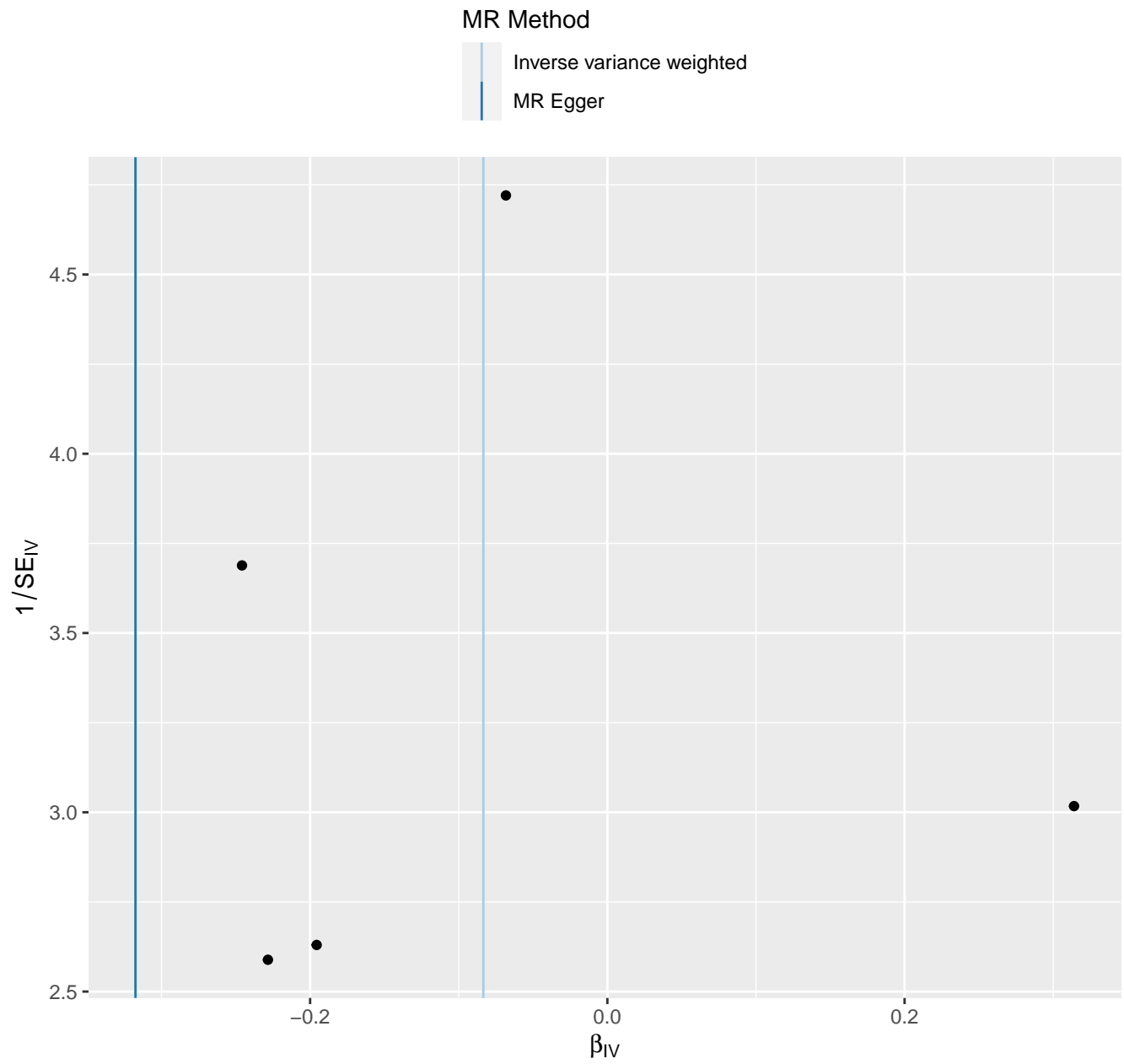
MR Method



# Average number of double bonds in a fatty acid chain



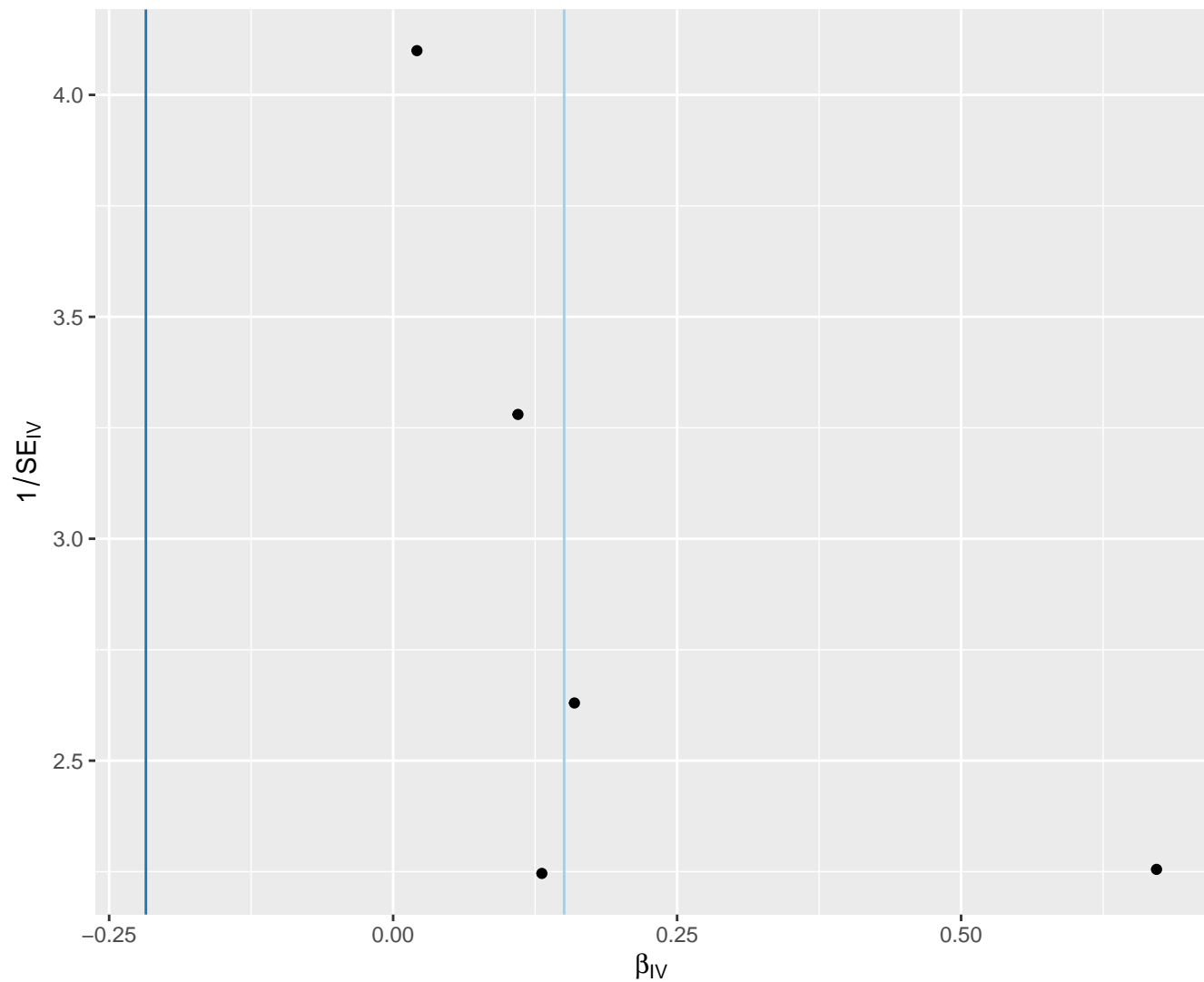
# Average number of methylene groups in a fatty acid chain



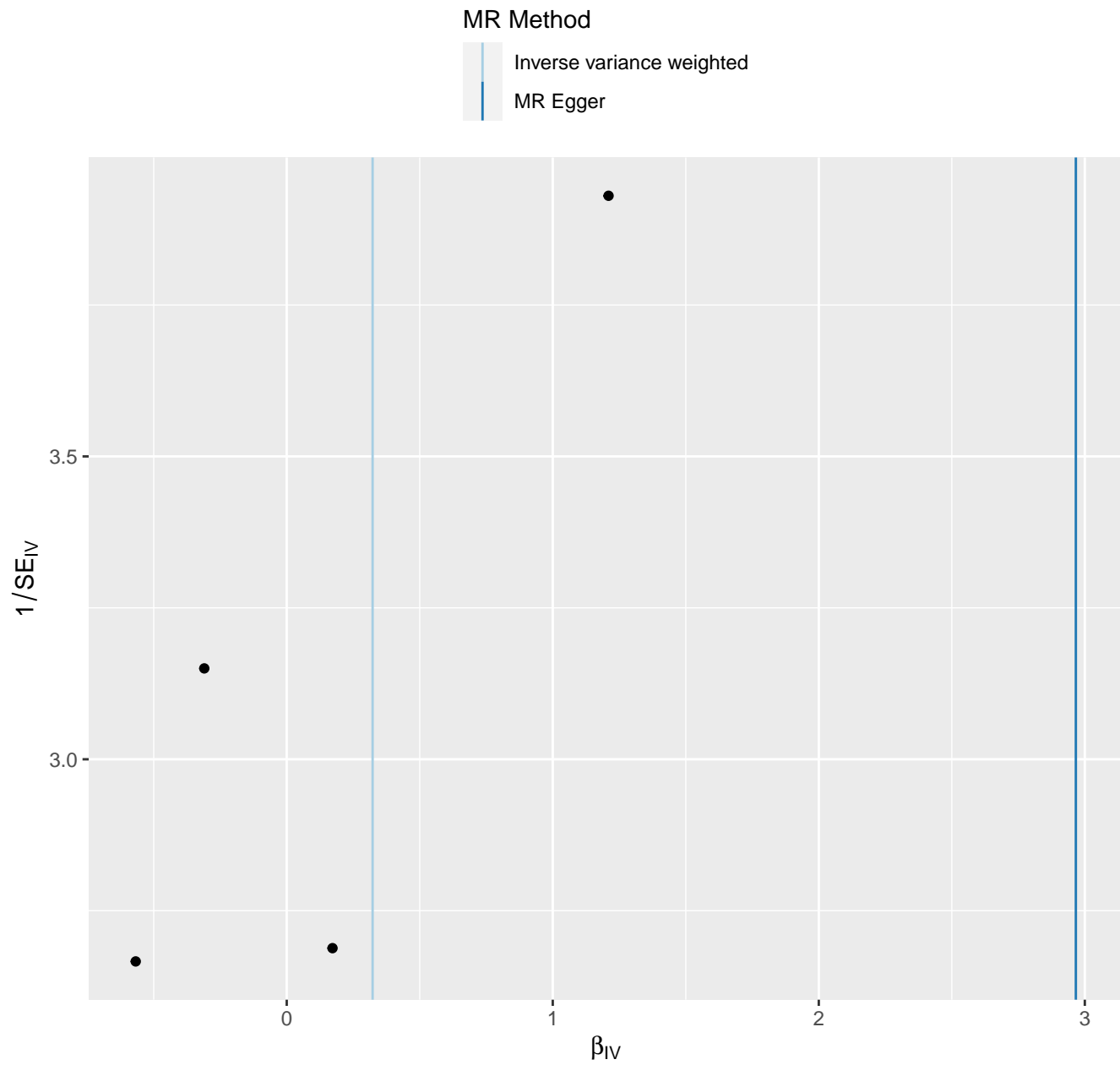
# Average number of methylene groups per double bond

MR Method

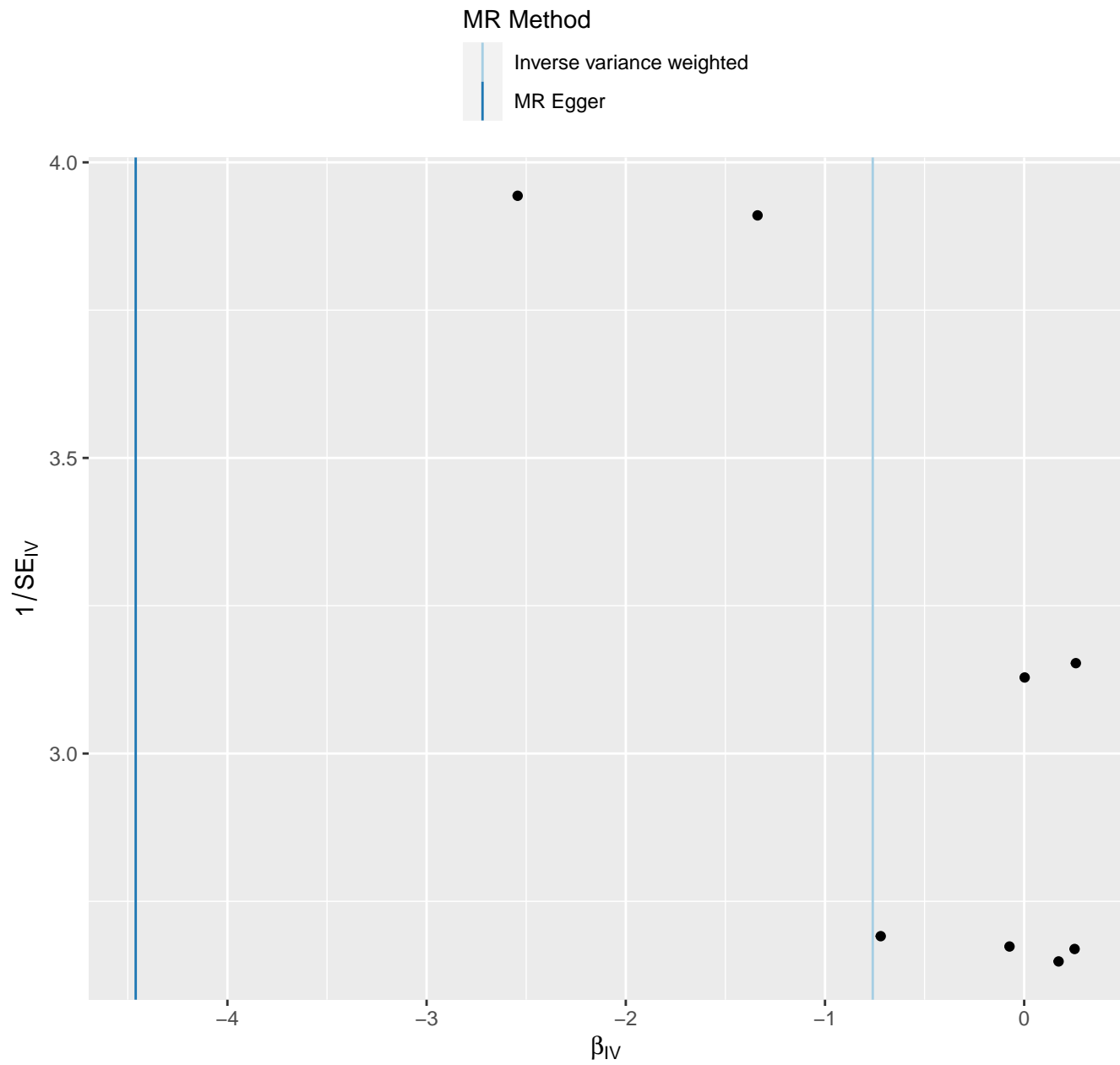
Inverse variance weighted  
MR Egger



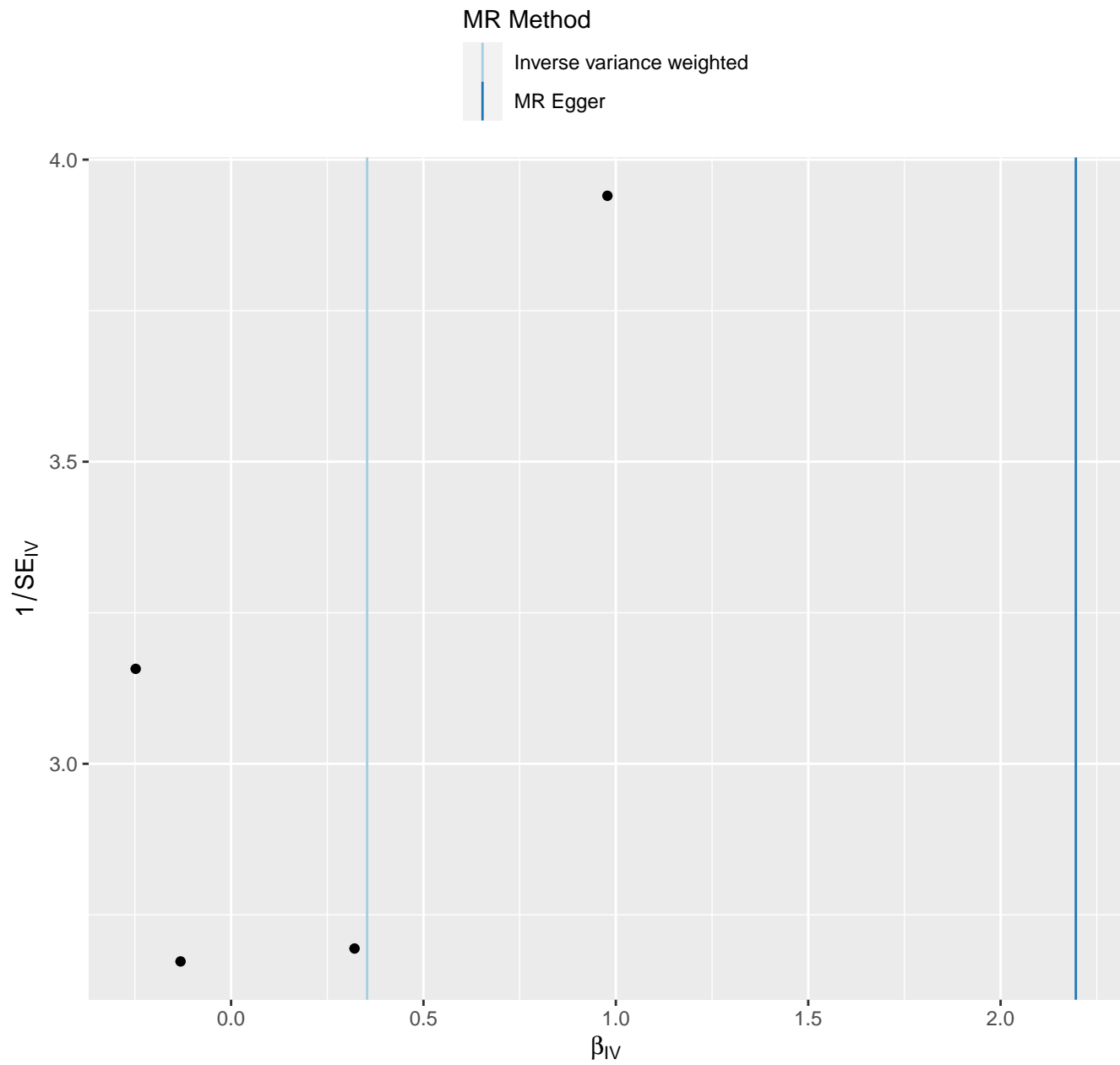
# Cholesterol esters in large HDL



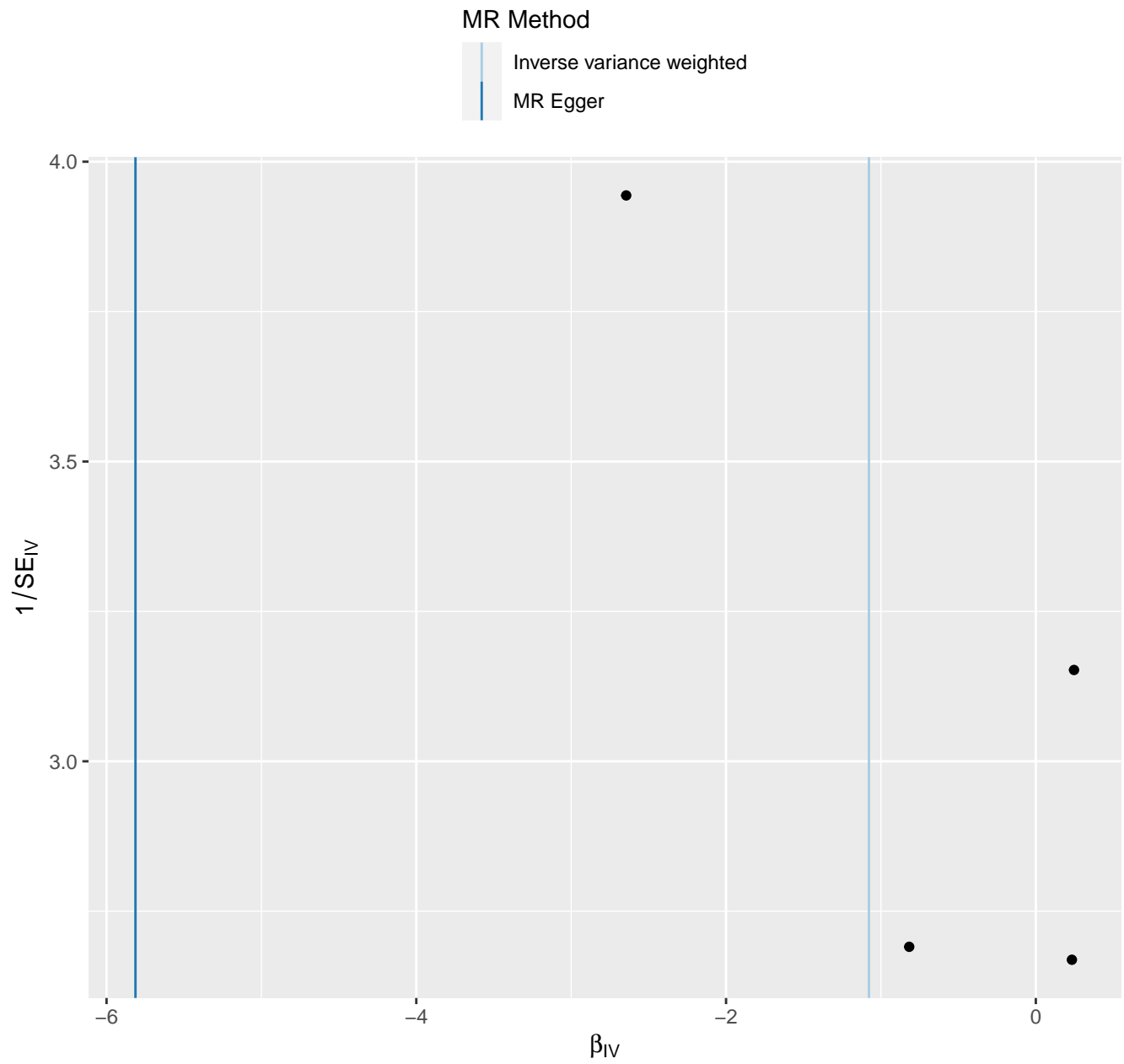
# Cholesterol esters in large VLDL



# Cholesterol esters in medium HDL

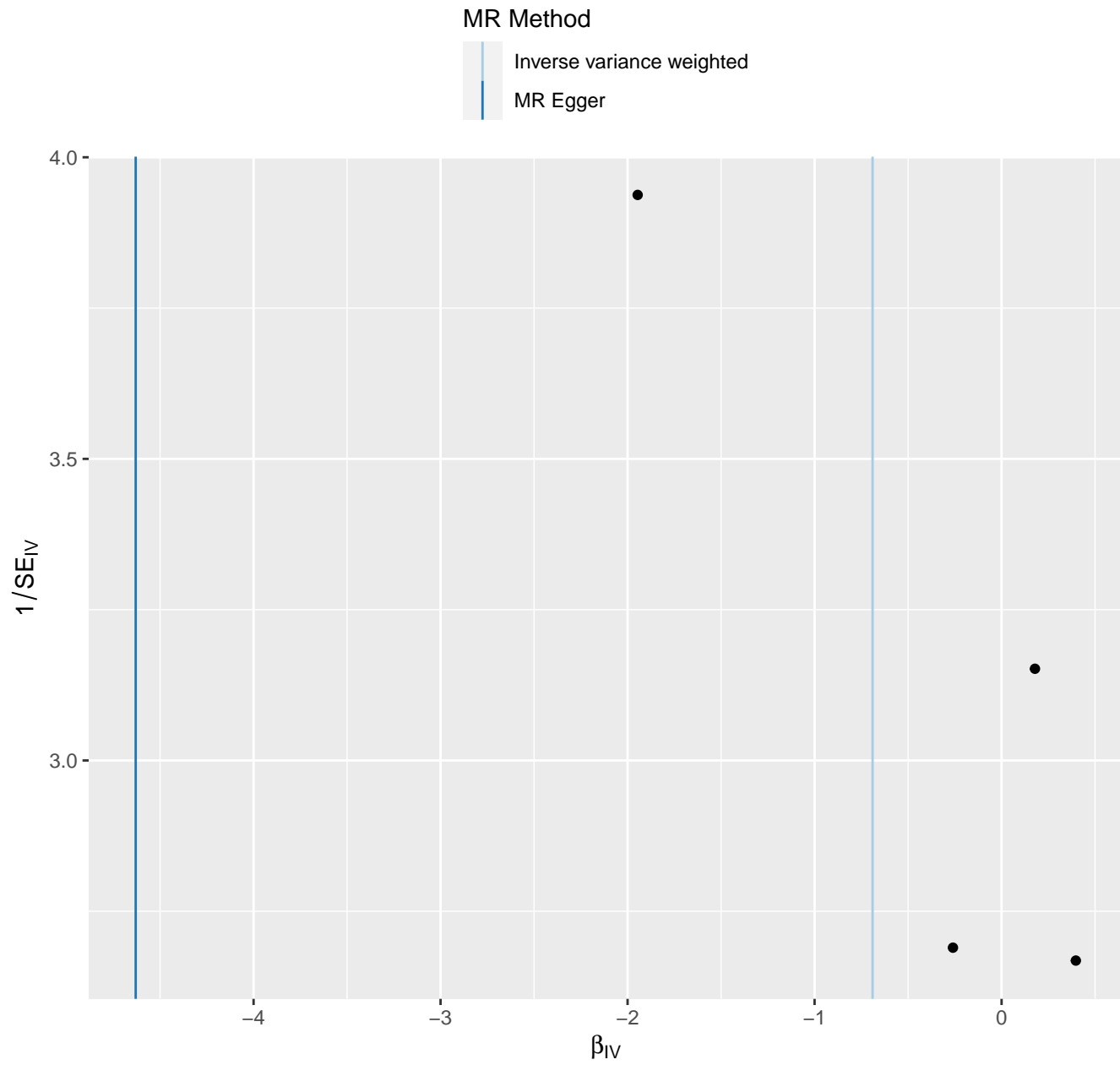


# Cholesterol esters in medium LDL



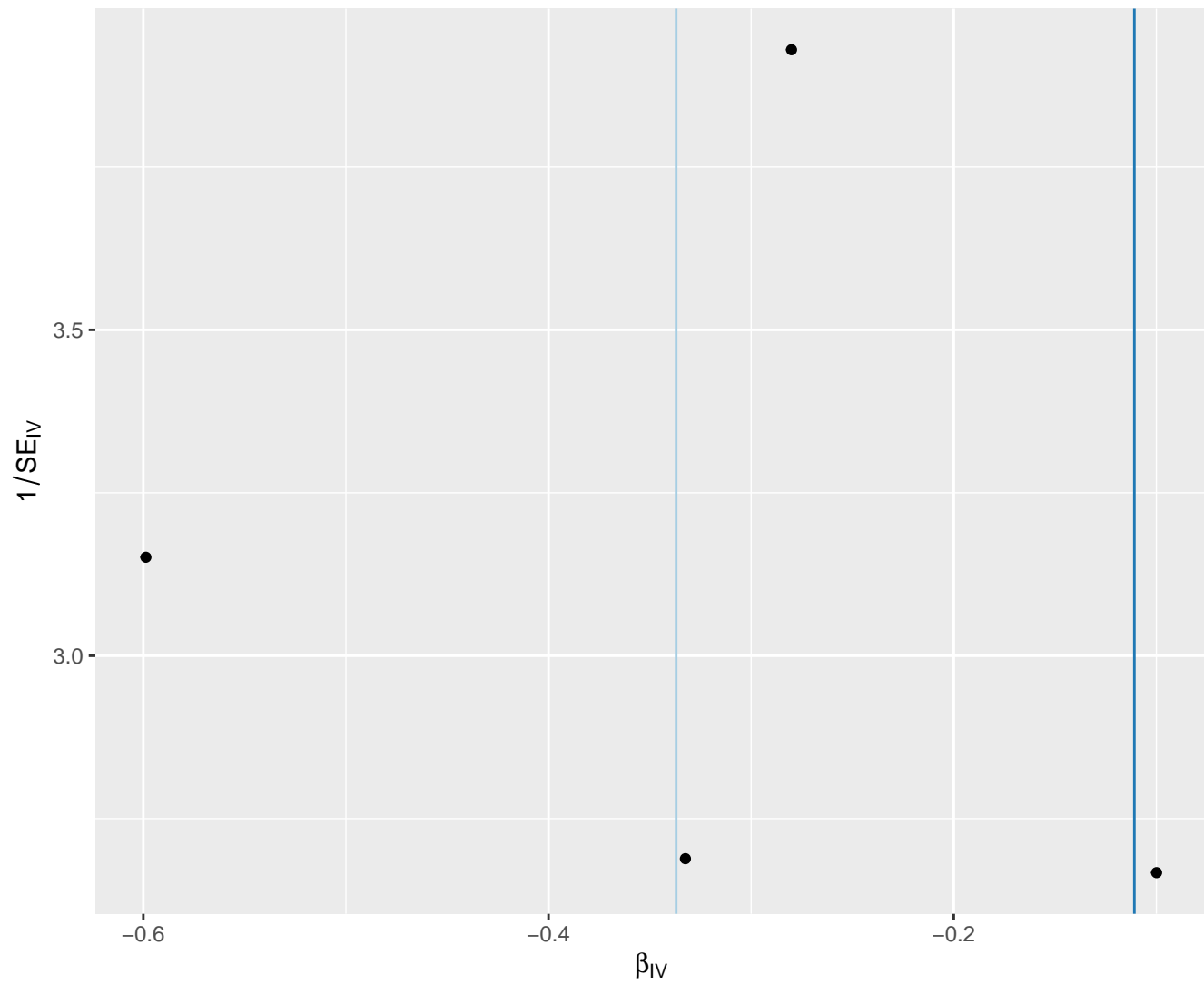
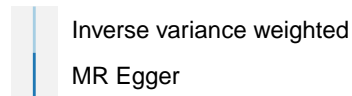


# Cholesterol esters in medium VLDL

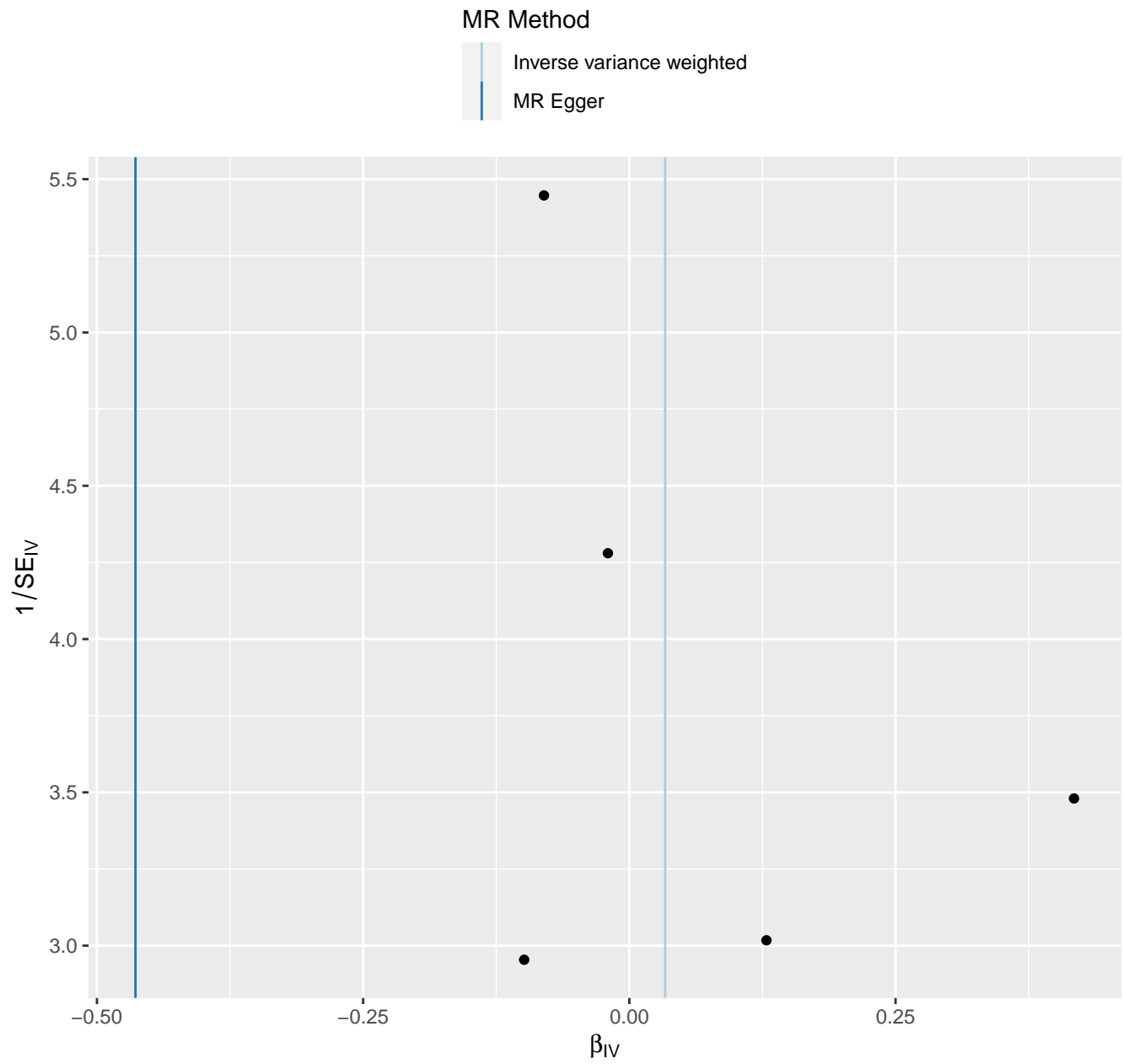


# Cholesterol esters in very large HDL

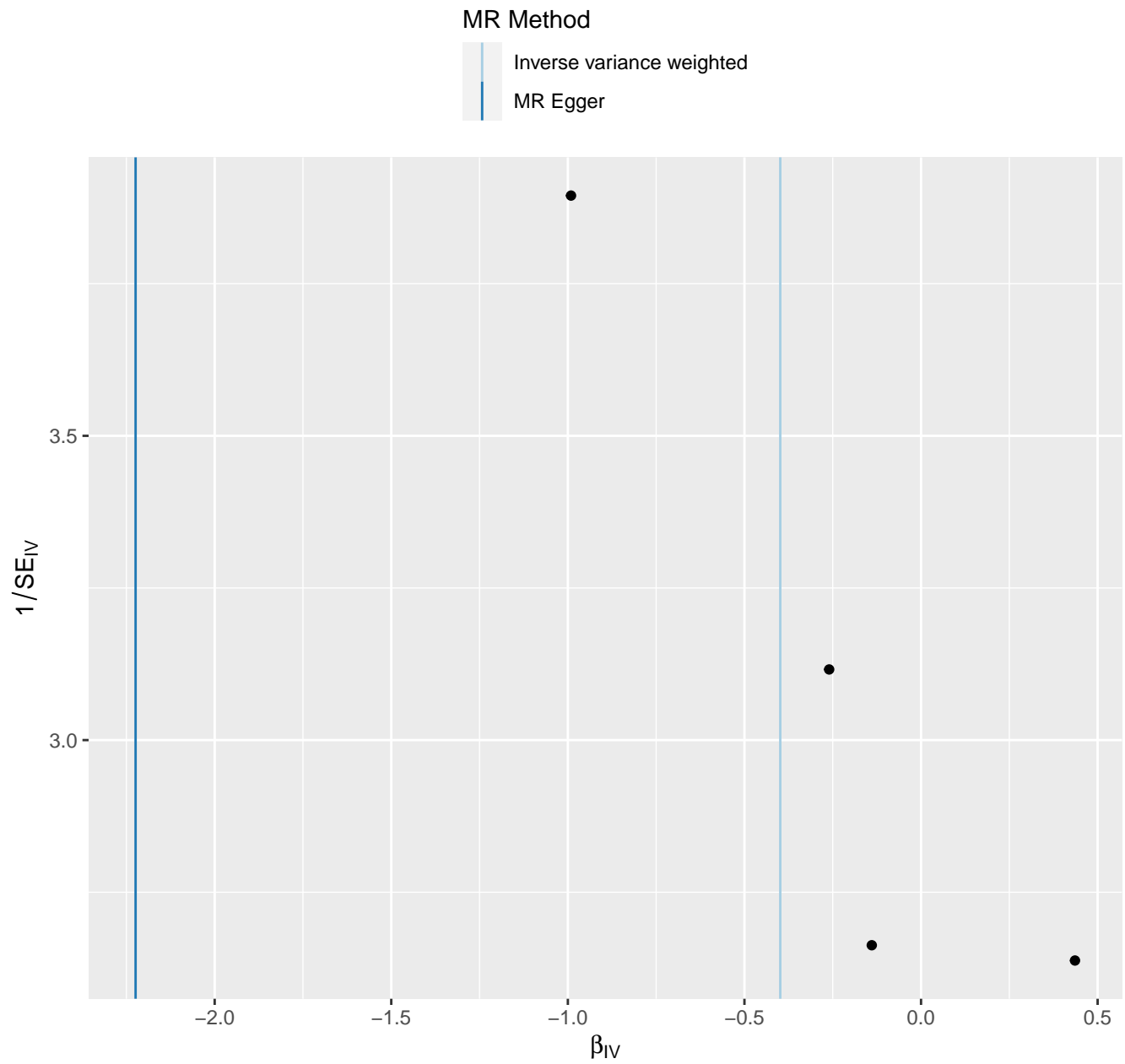
MR Method



# Citrate



# Concentration of chylomicrons and largest VLDL particles

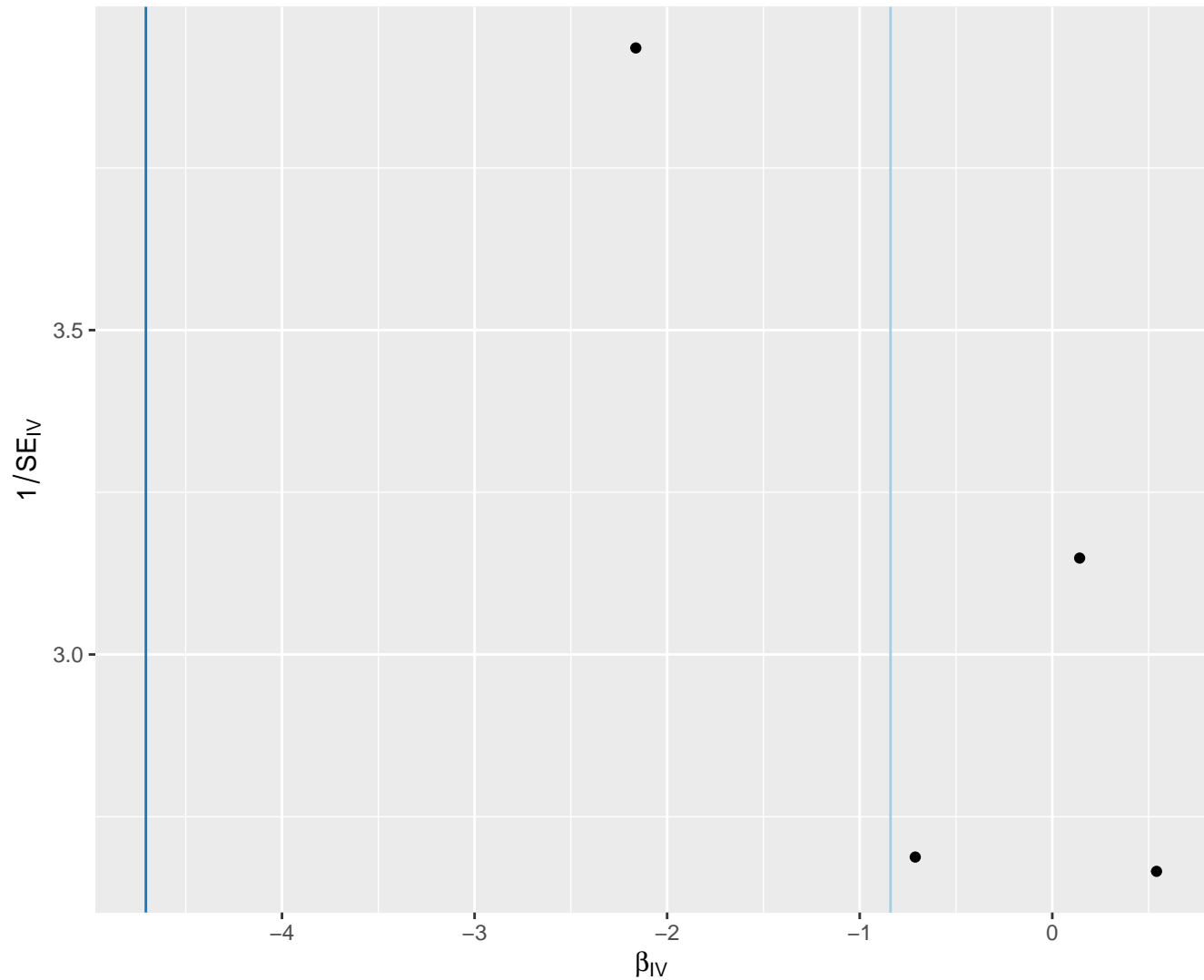


# Concentration of IDL particles

MR Method

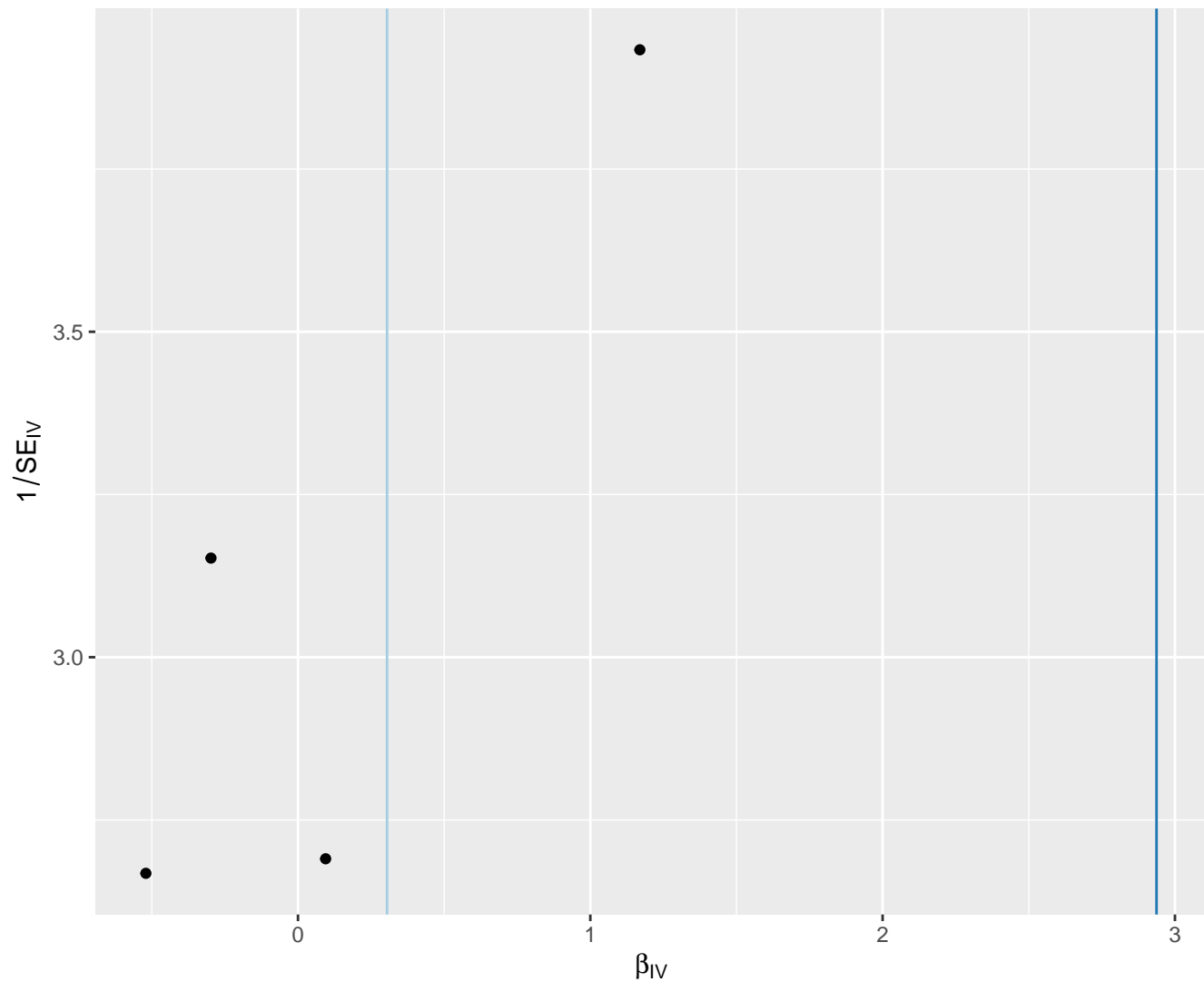
Inverse variance weighted

MR Egger

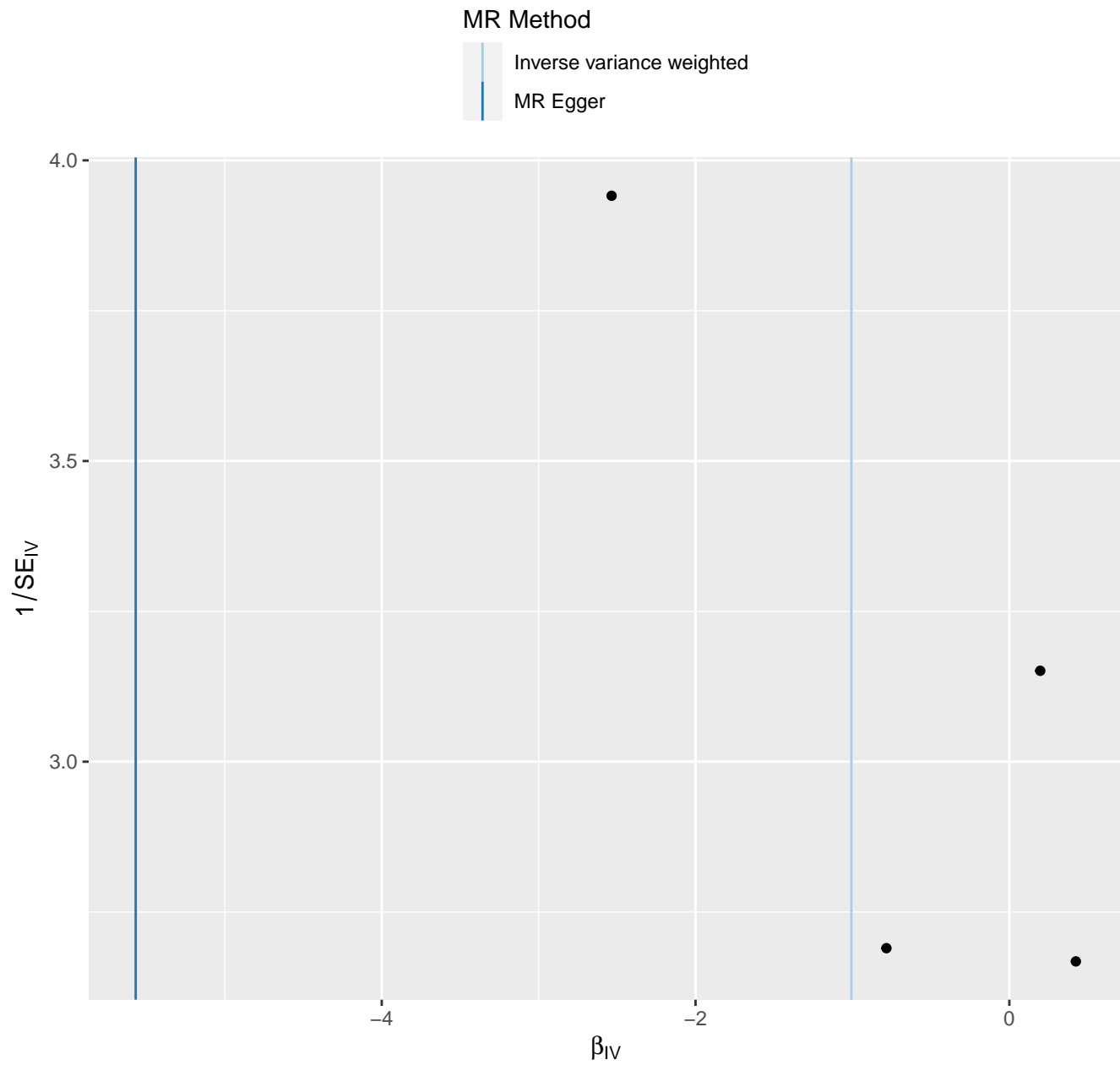


# Concentration of large HDL particles

MR Method



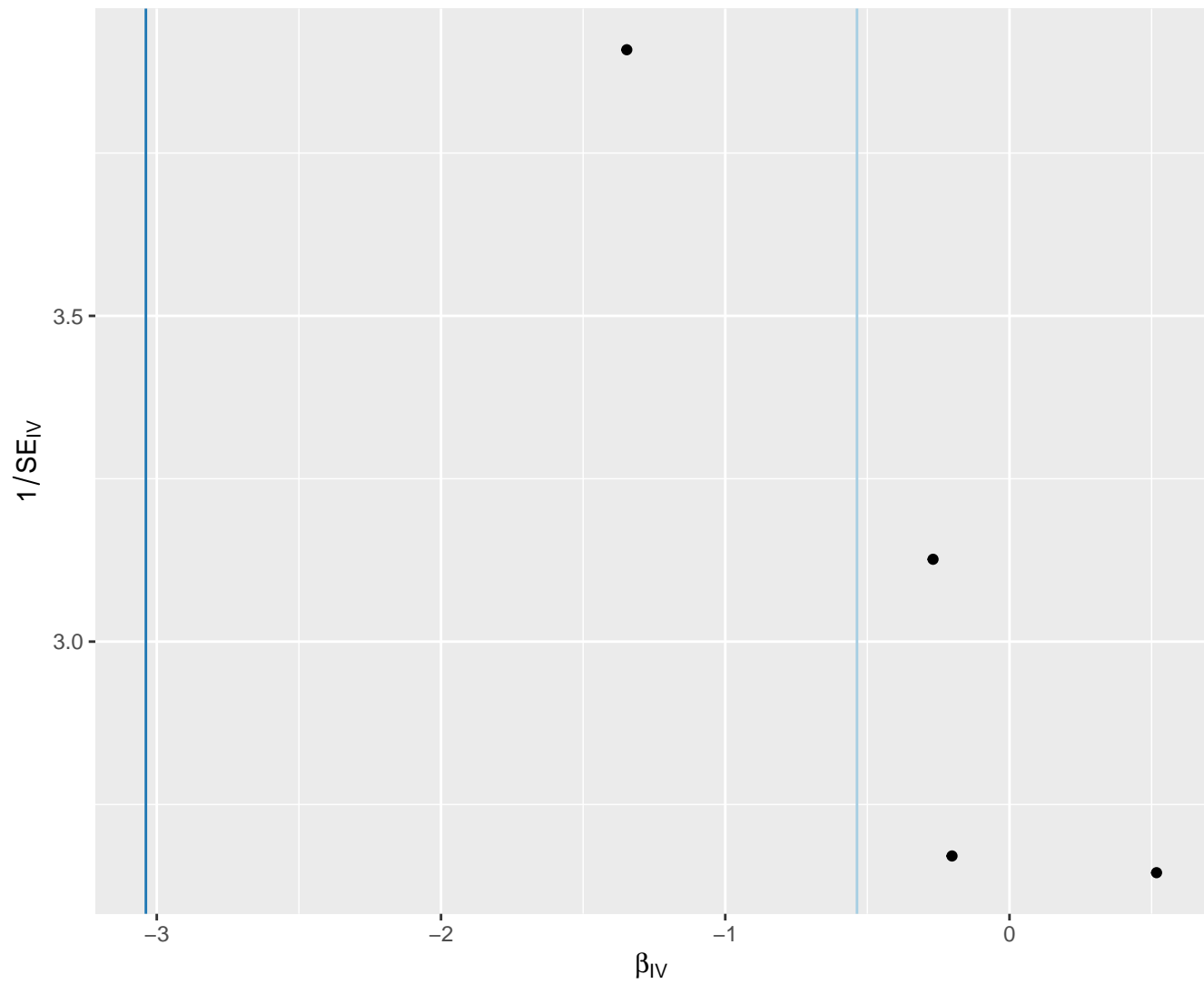
# Concentration of large LDL particles



# Concentration of large VLDL particles

MR Method

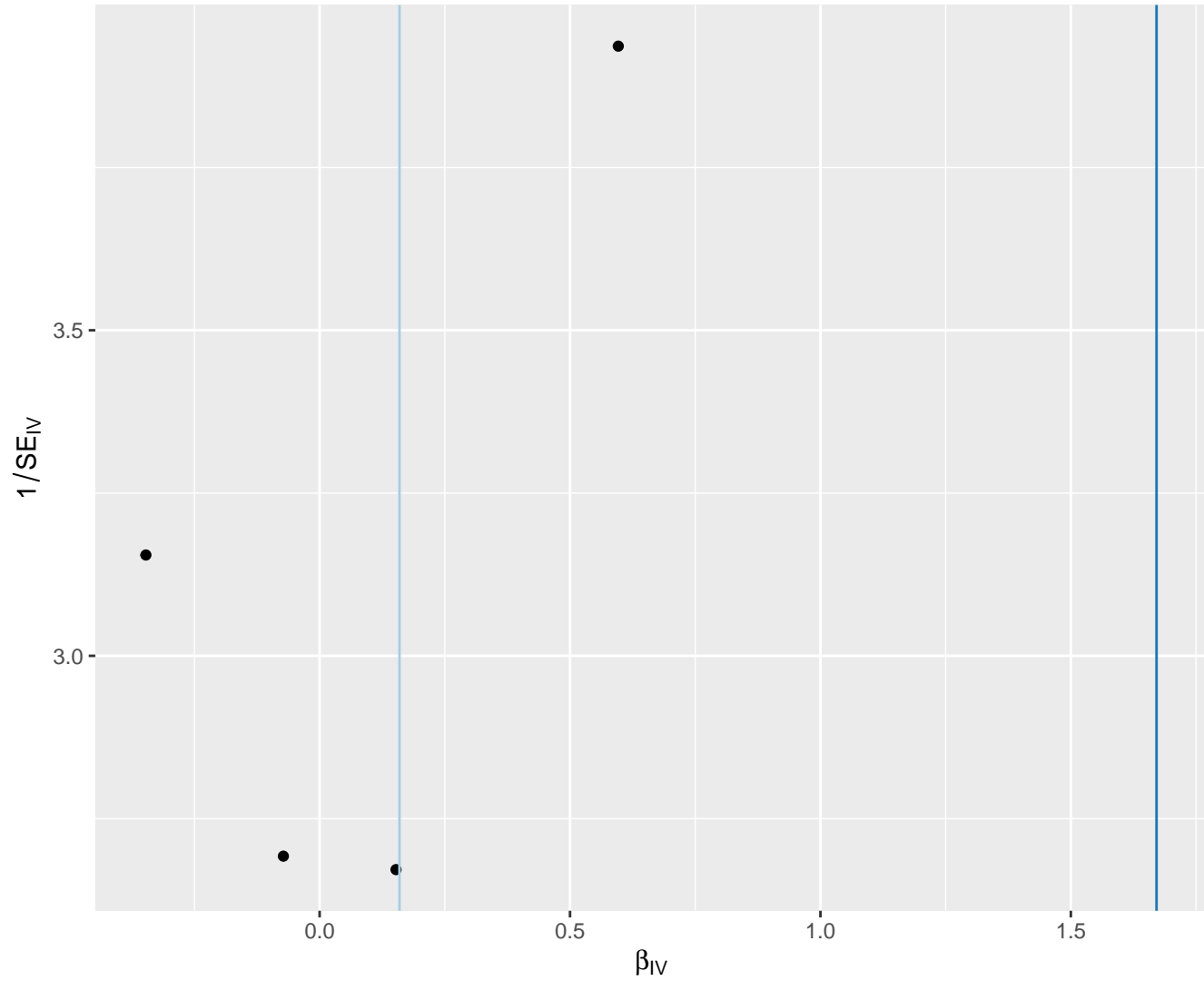
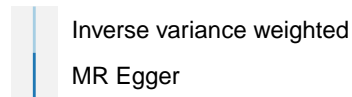
Inverse variance weighted  
MR Egger



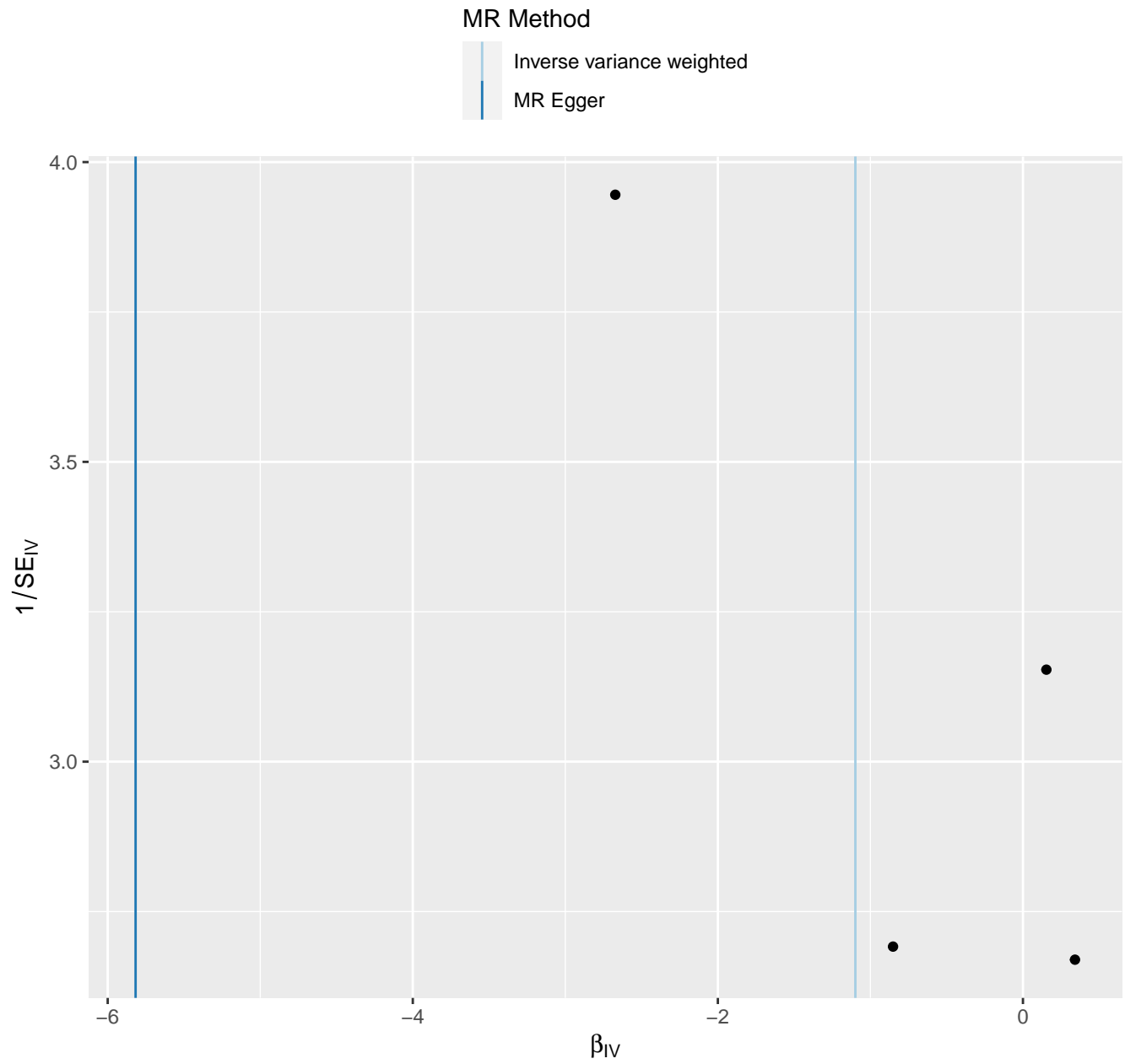


# Concentration of medium HDL particles

MR Method



# Concentration of medium LDL particles

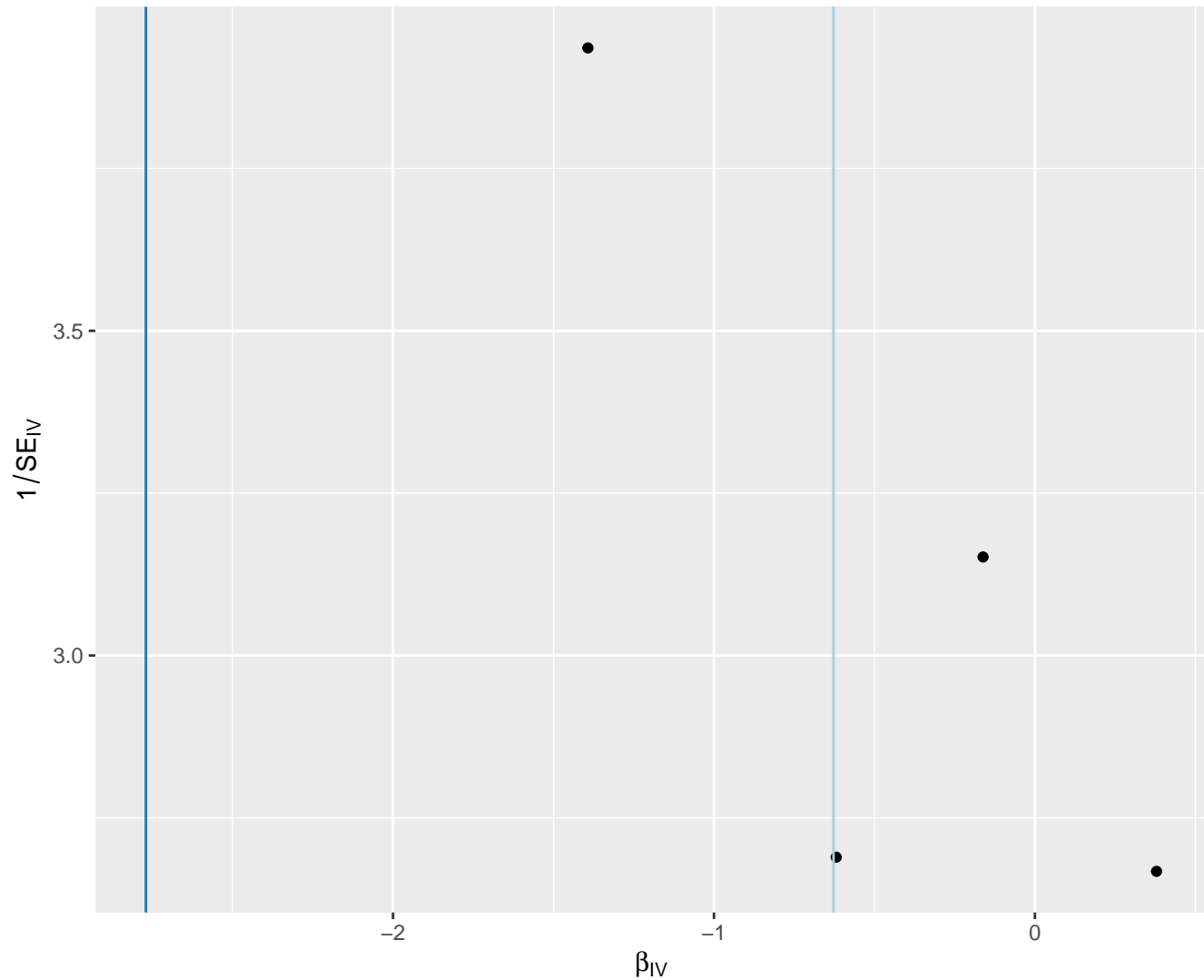


# Concentration of medium VLDL particles

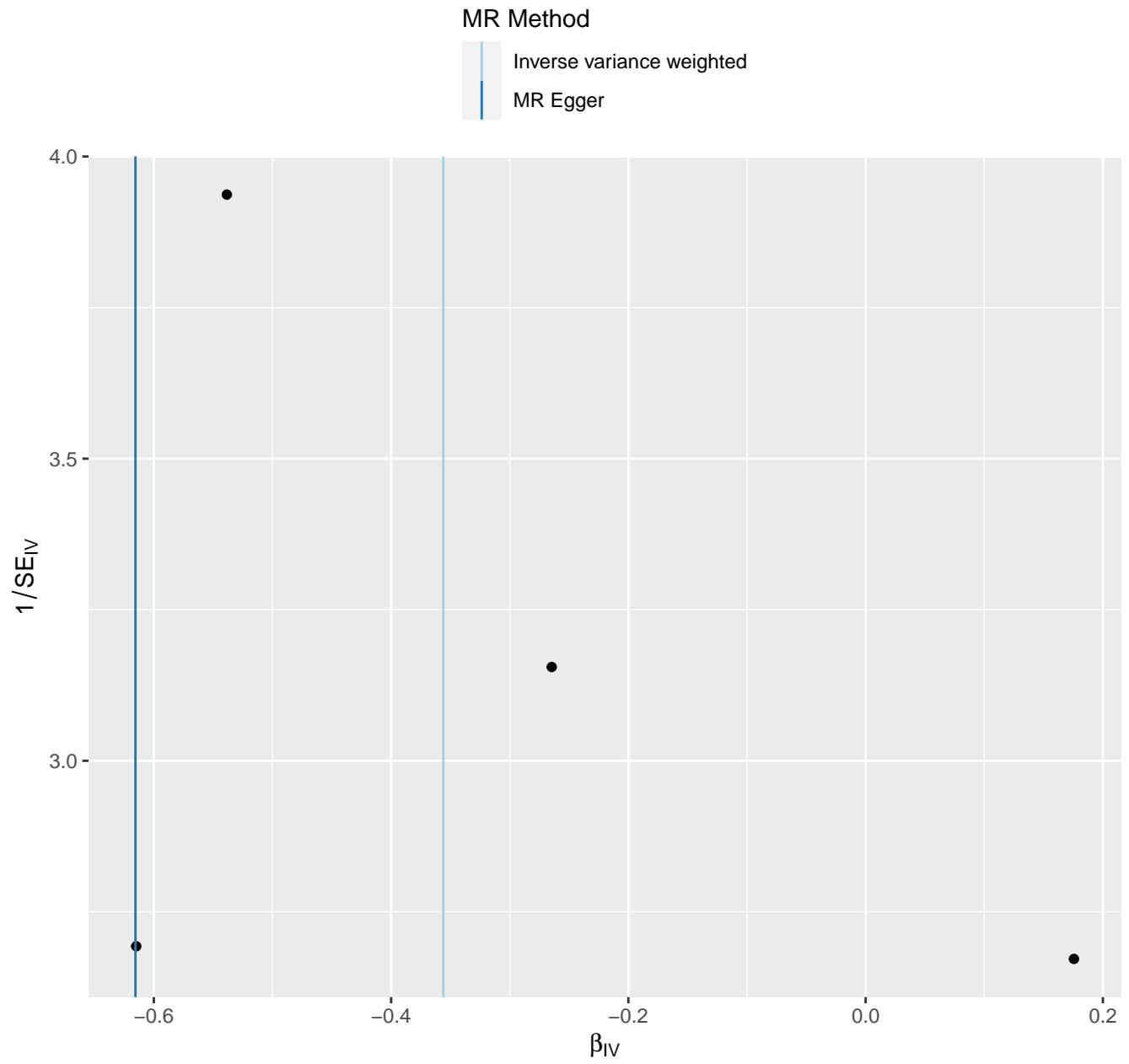
MR Method

Inverse variance weighted

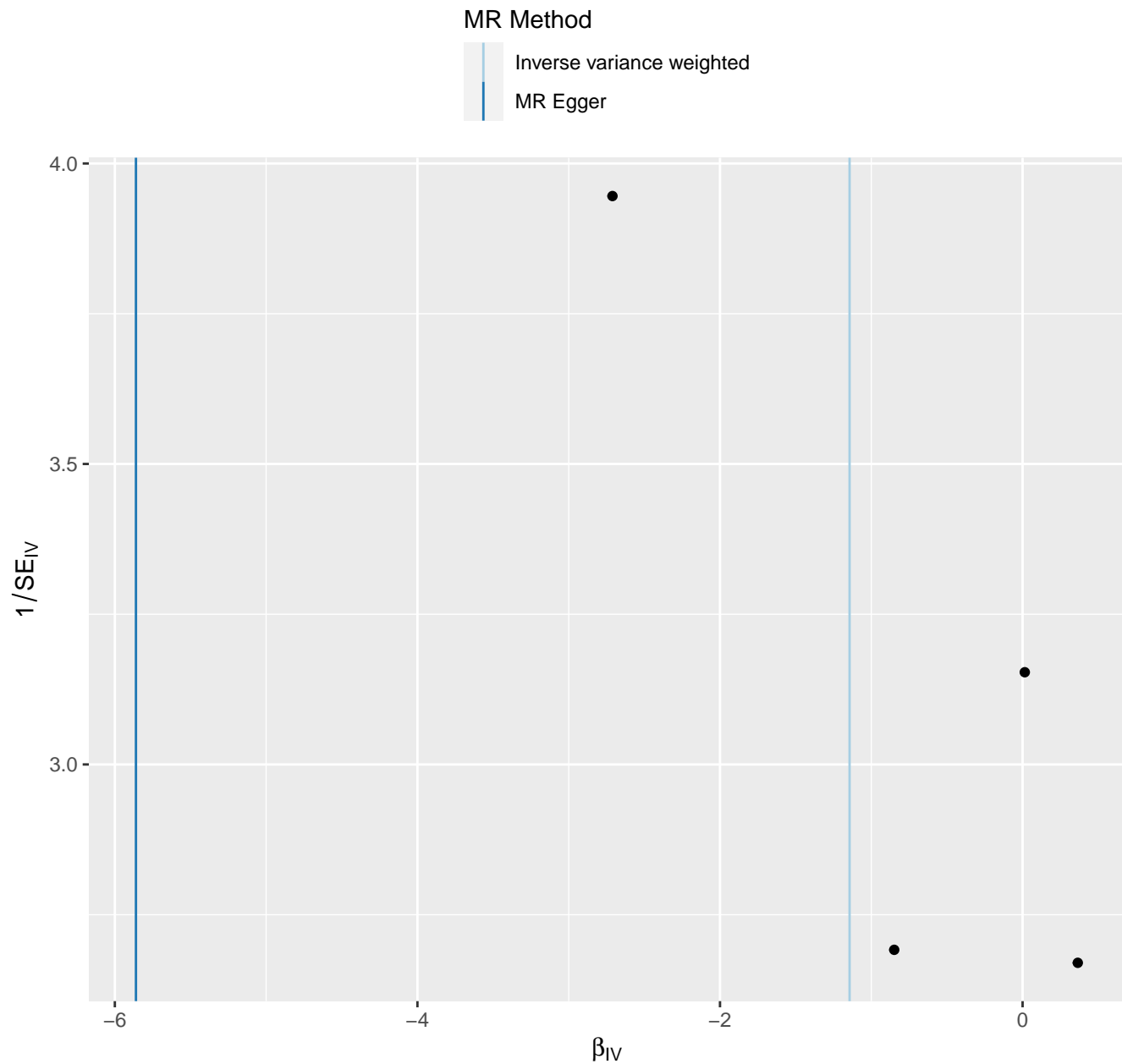
MR Egger



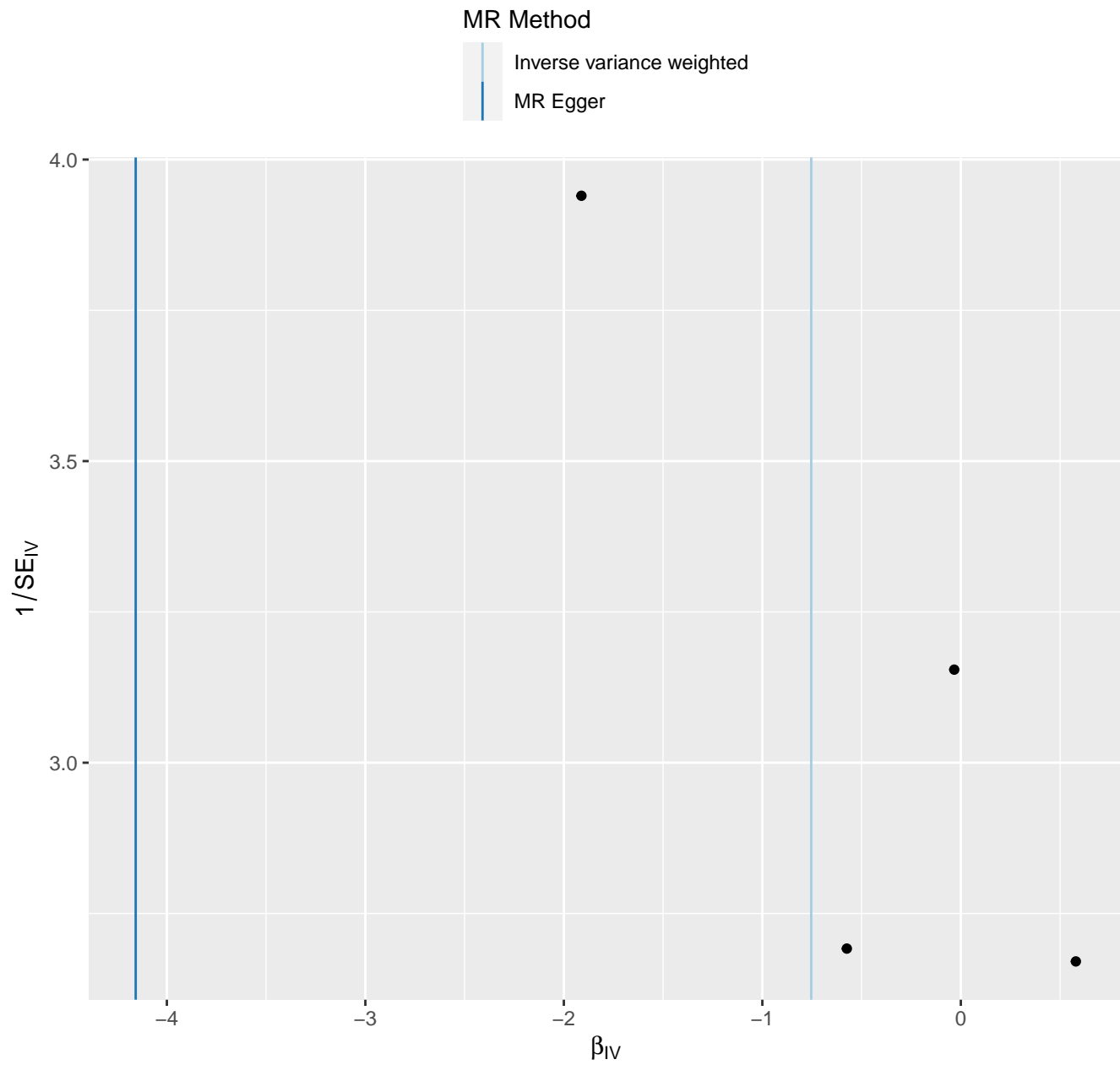
# Concentration of small HDL particles



# Concentration of small LDL particles



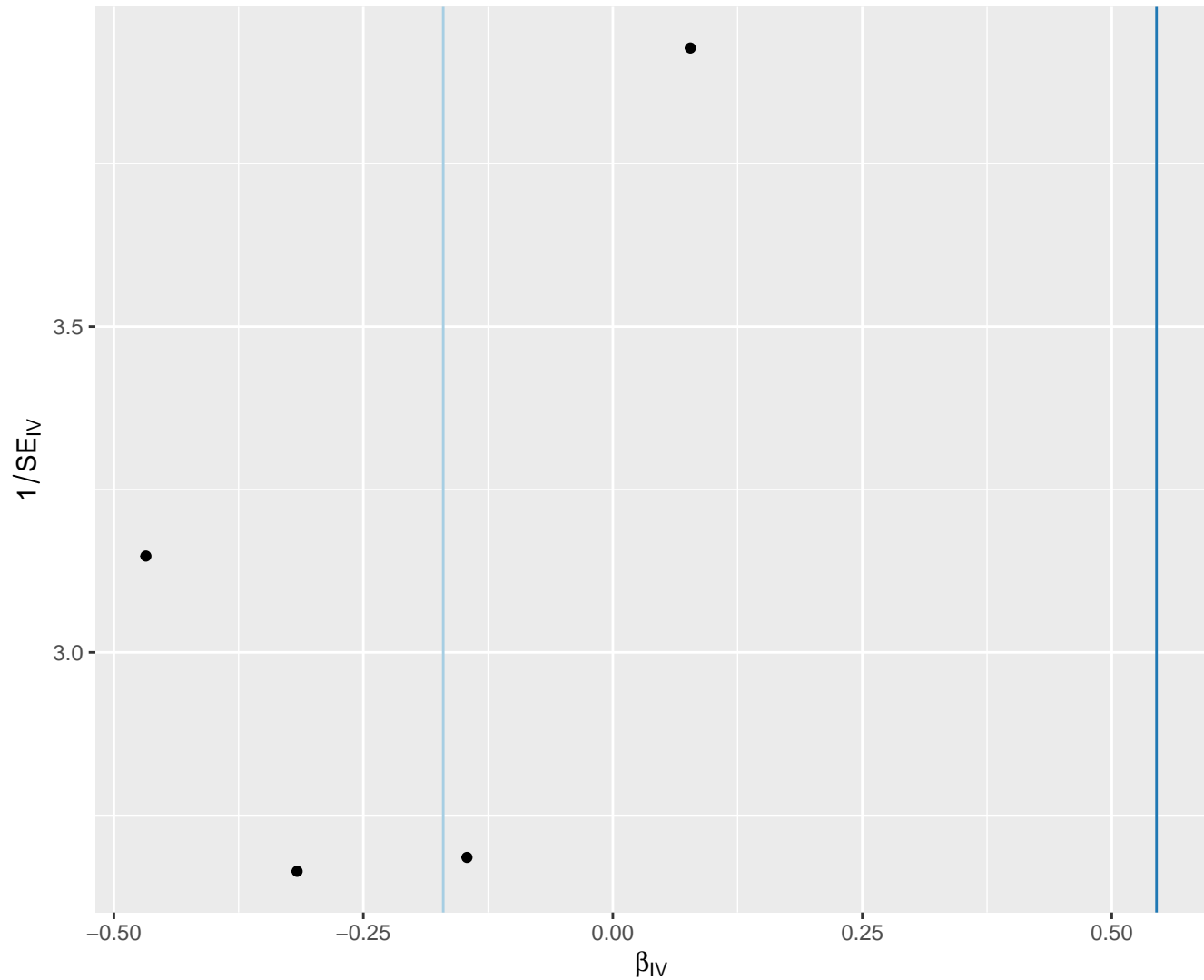
# Concentration of small VLDL particles



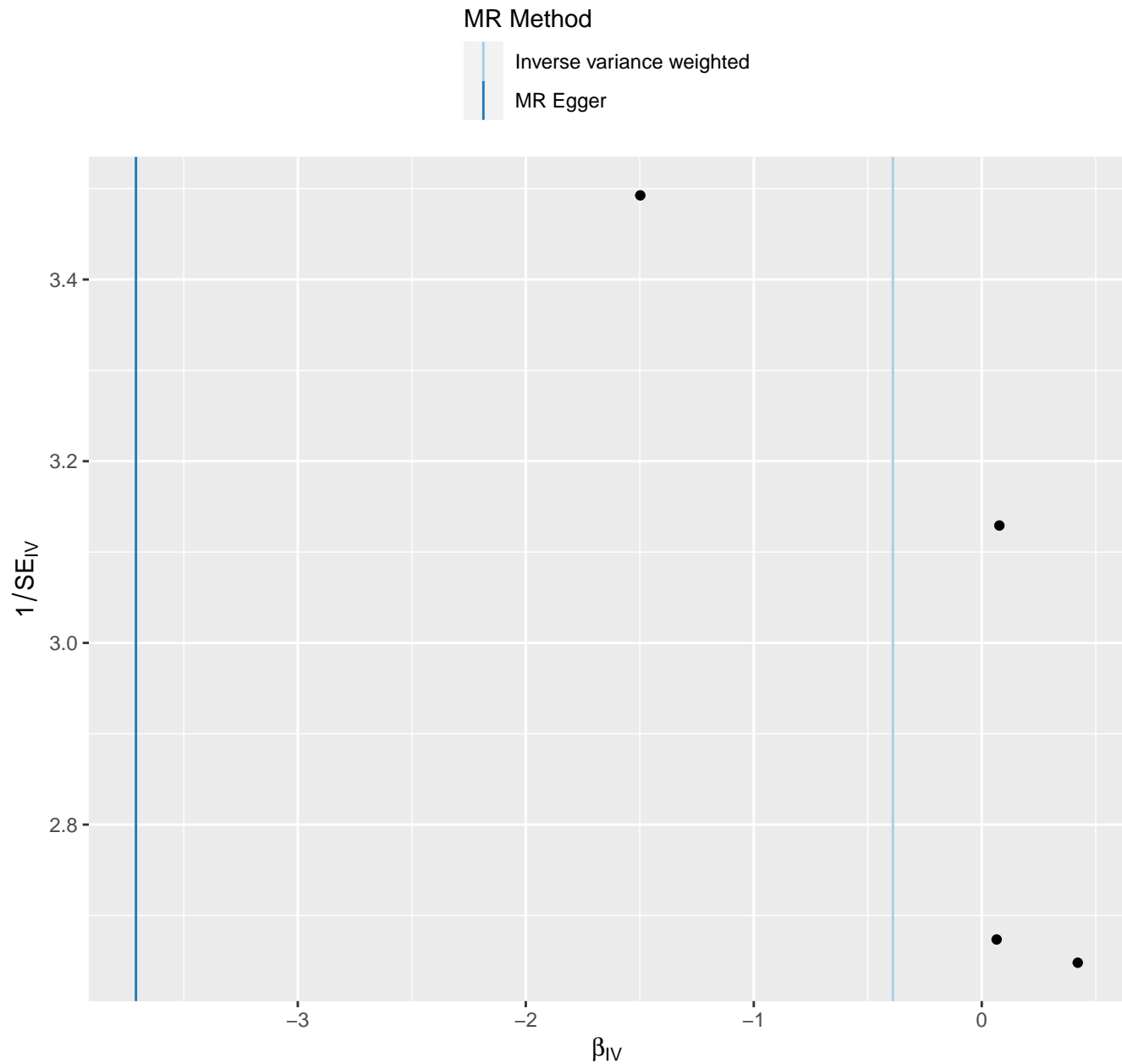
# Concentration of very large HDL particles

MR Method

Inverse variance weighted  
MR Egger

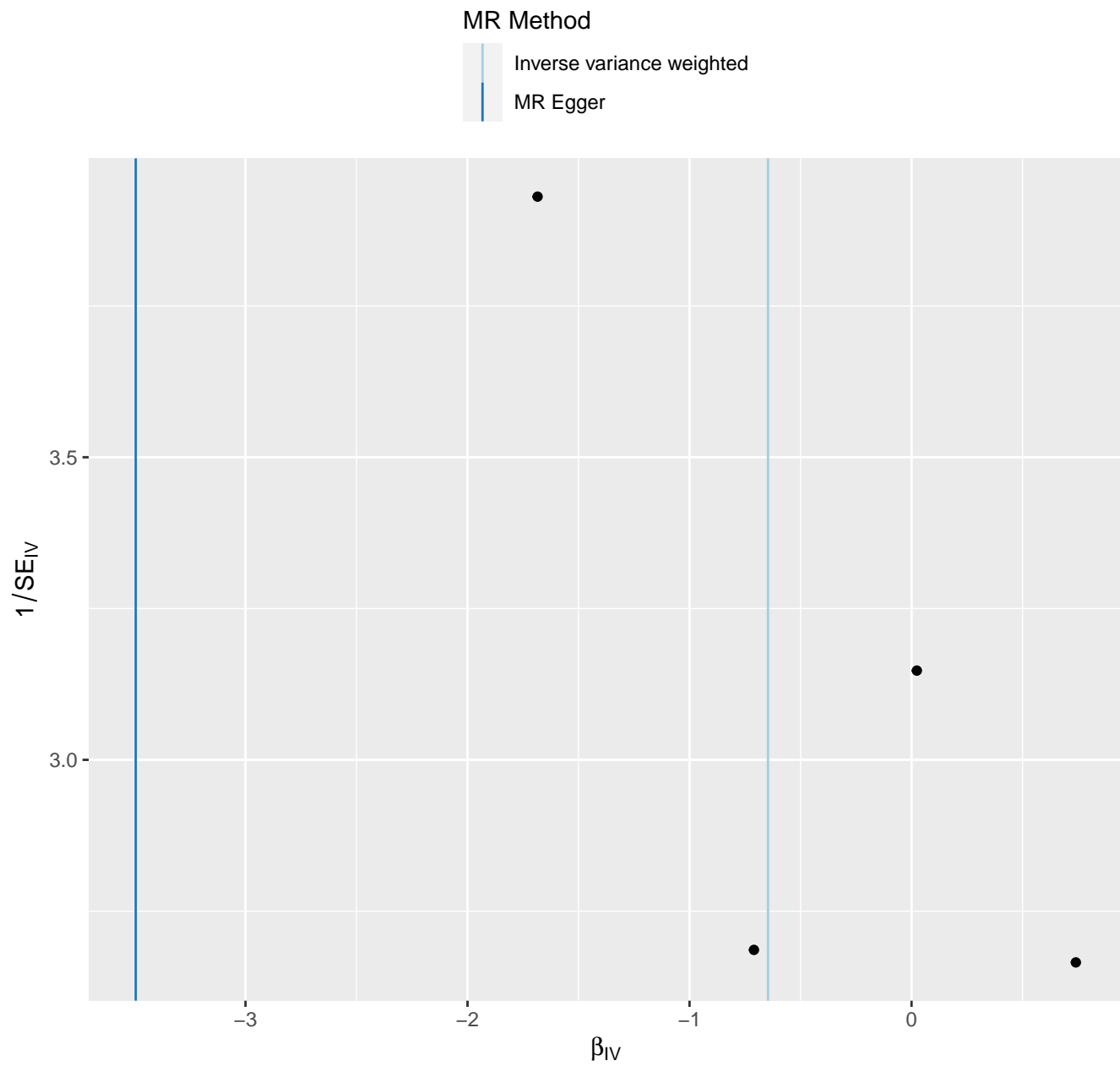


# Concentration of very large VLDL particles

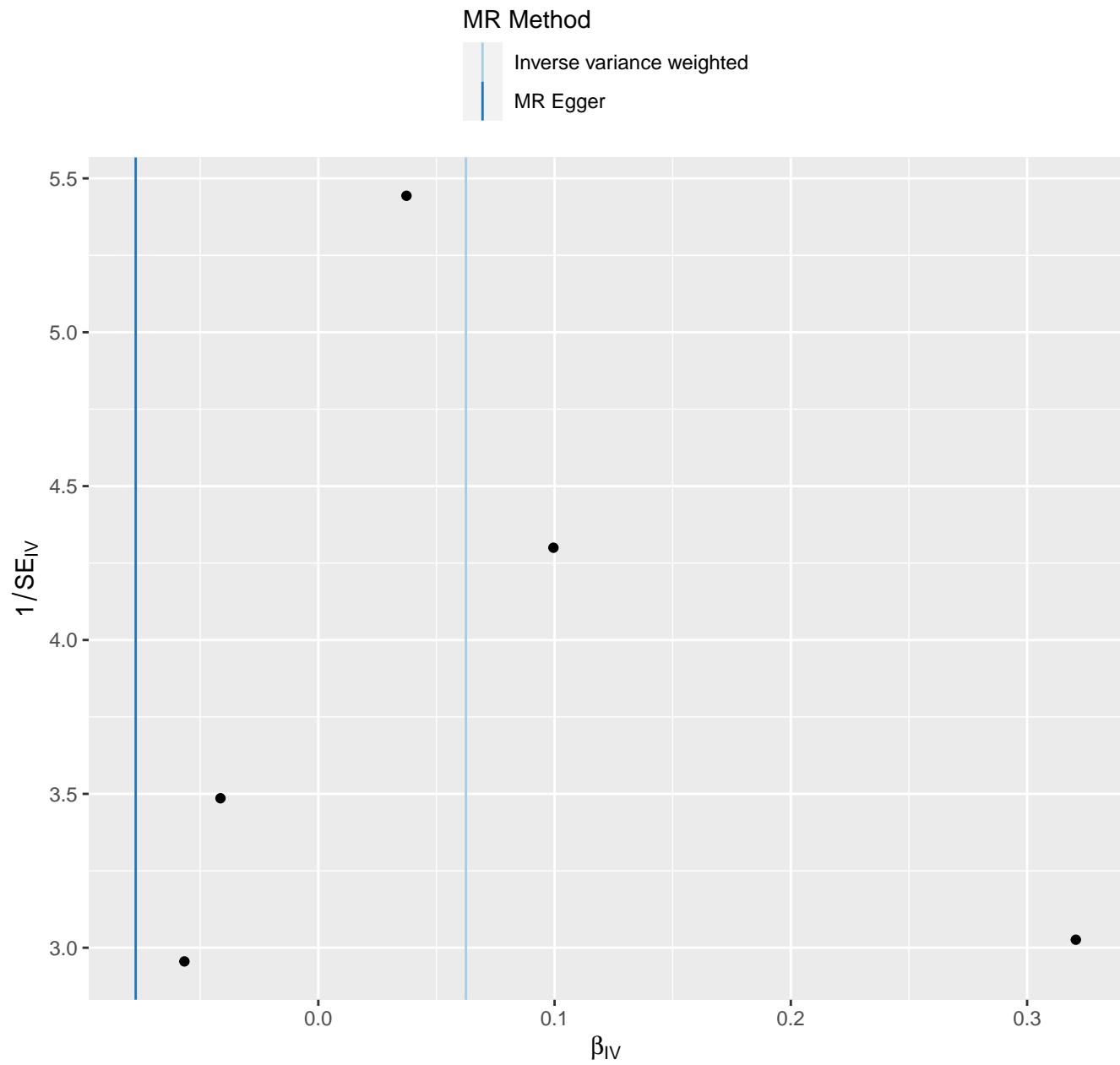




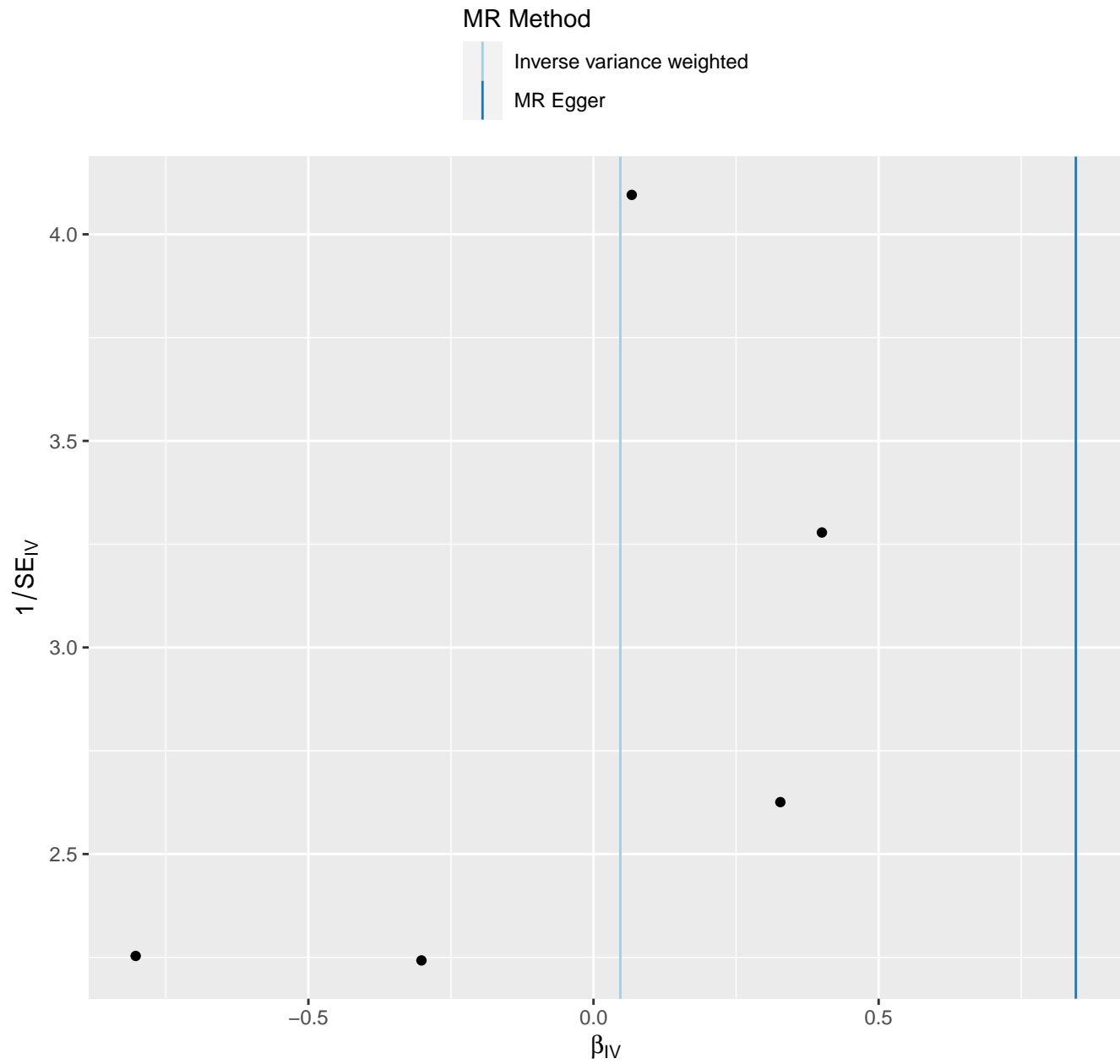
# Concentration of very small VLDL particles



# Creatinine

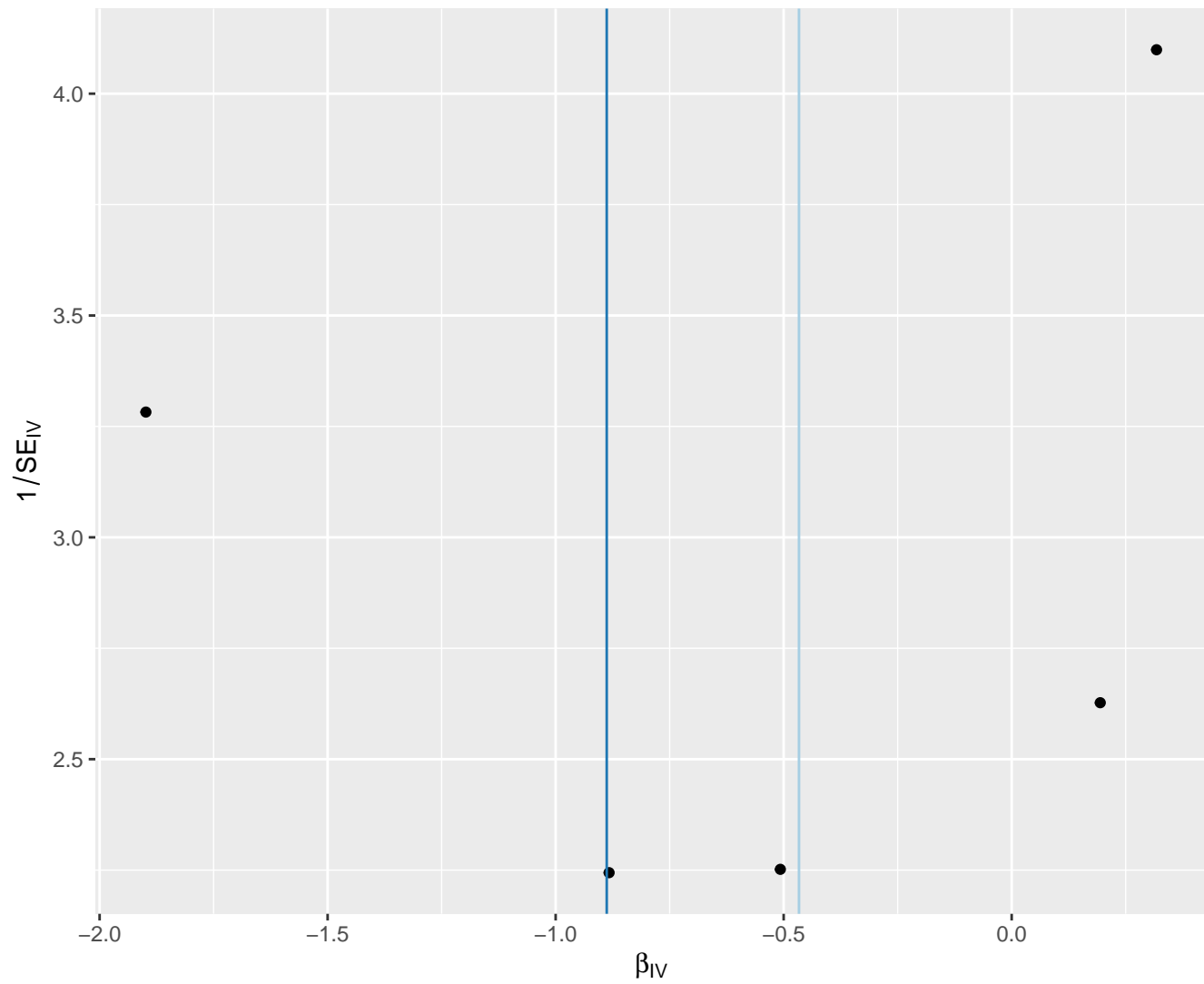


# Description of average fatty acid chain length, not actual carbon number



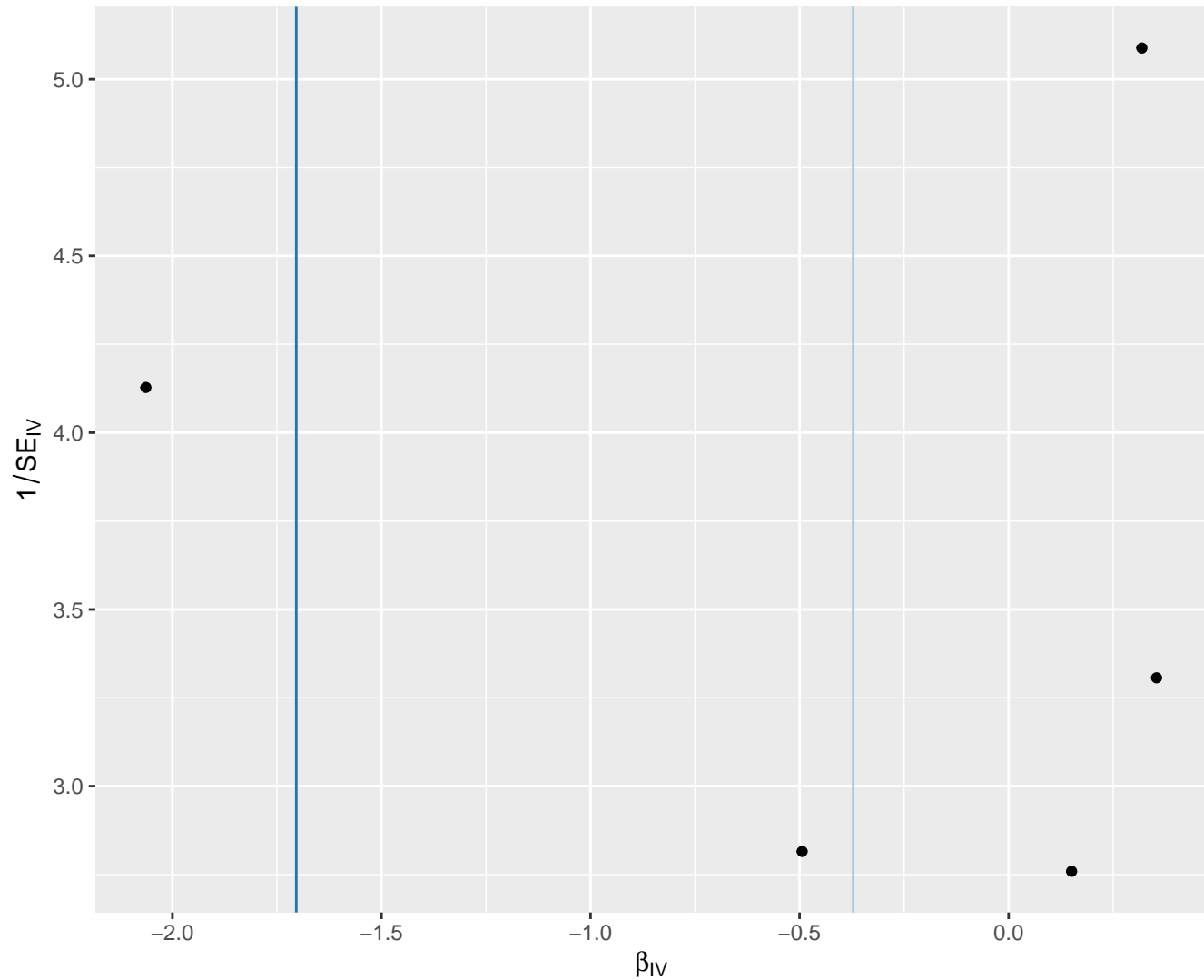
# Free cholesterol

MR Method

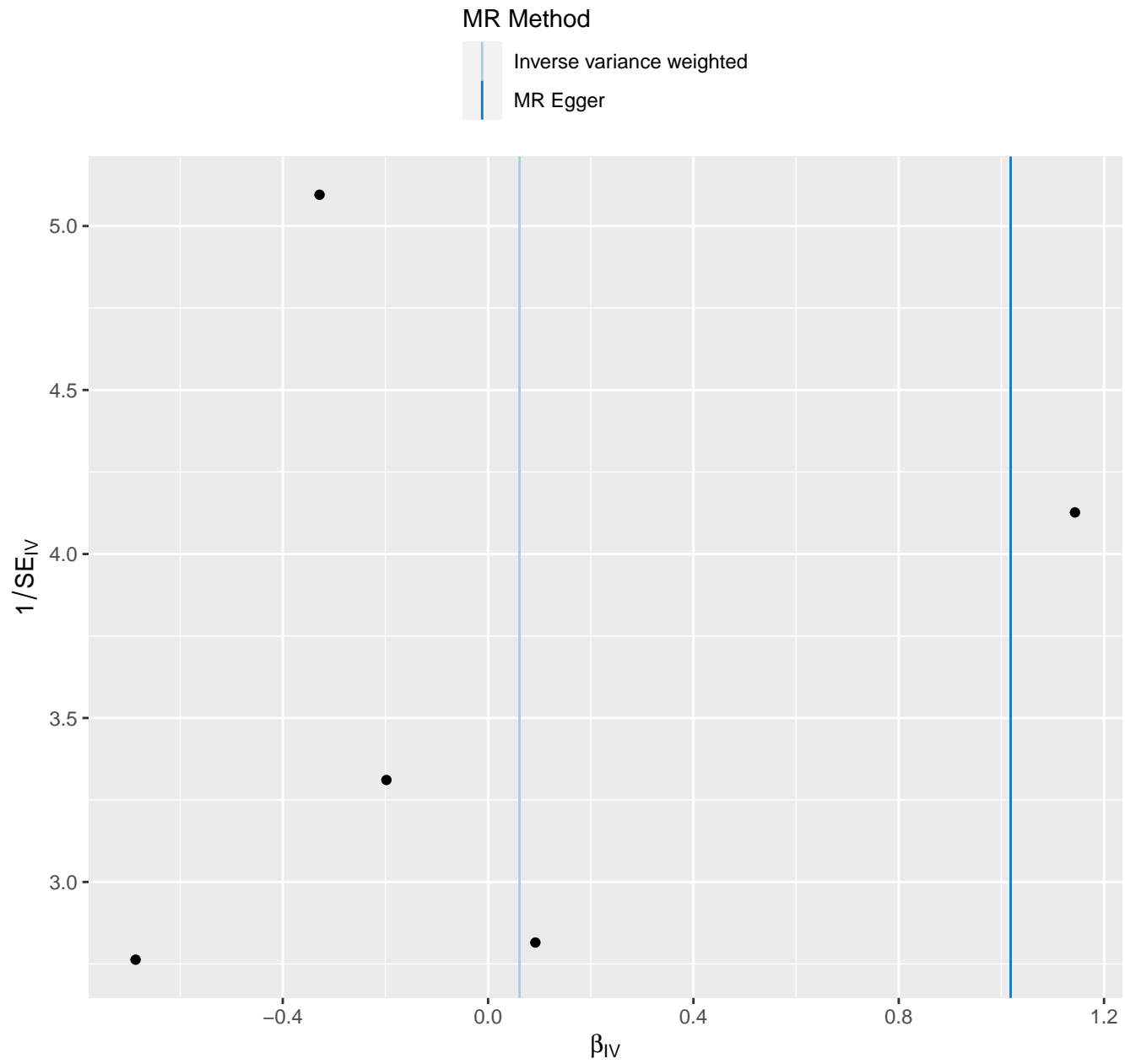


# Free cholesterol in IDL

MR Method



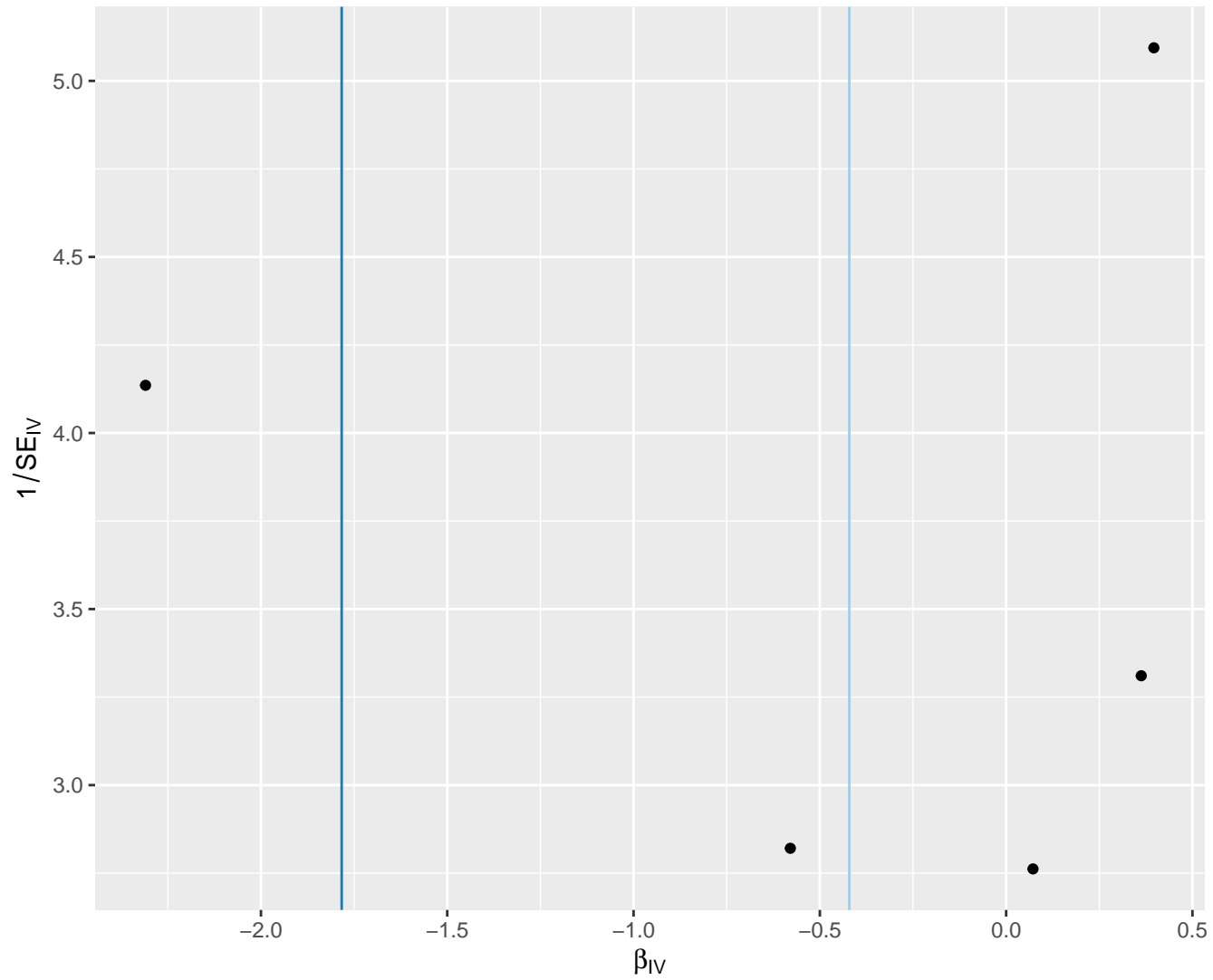
# Free cholesterol in large HDL



# Free cholesterol in large LDL

MR Method

Inverse variance weighted  
MR Egger

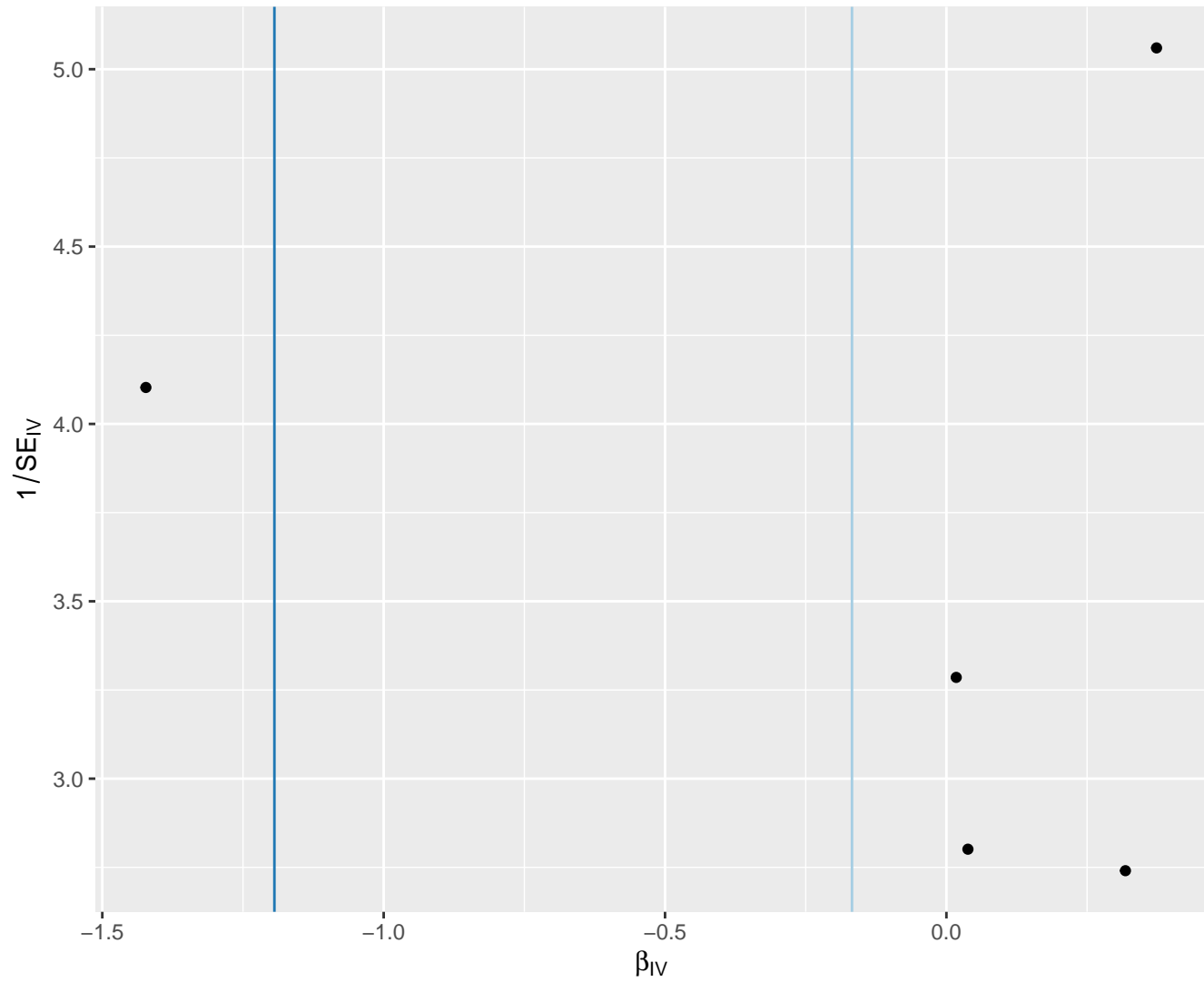


# Free cholesterol in large VLDL

MR Method

Inverse variance weighted

MR Egger

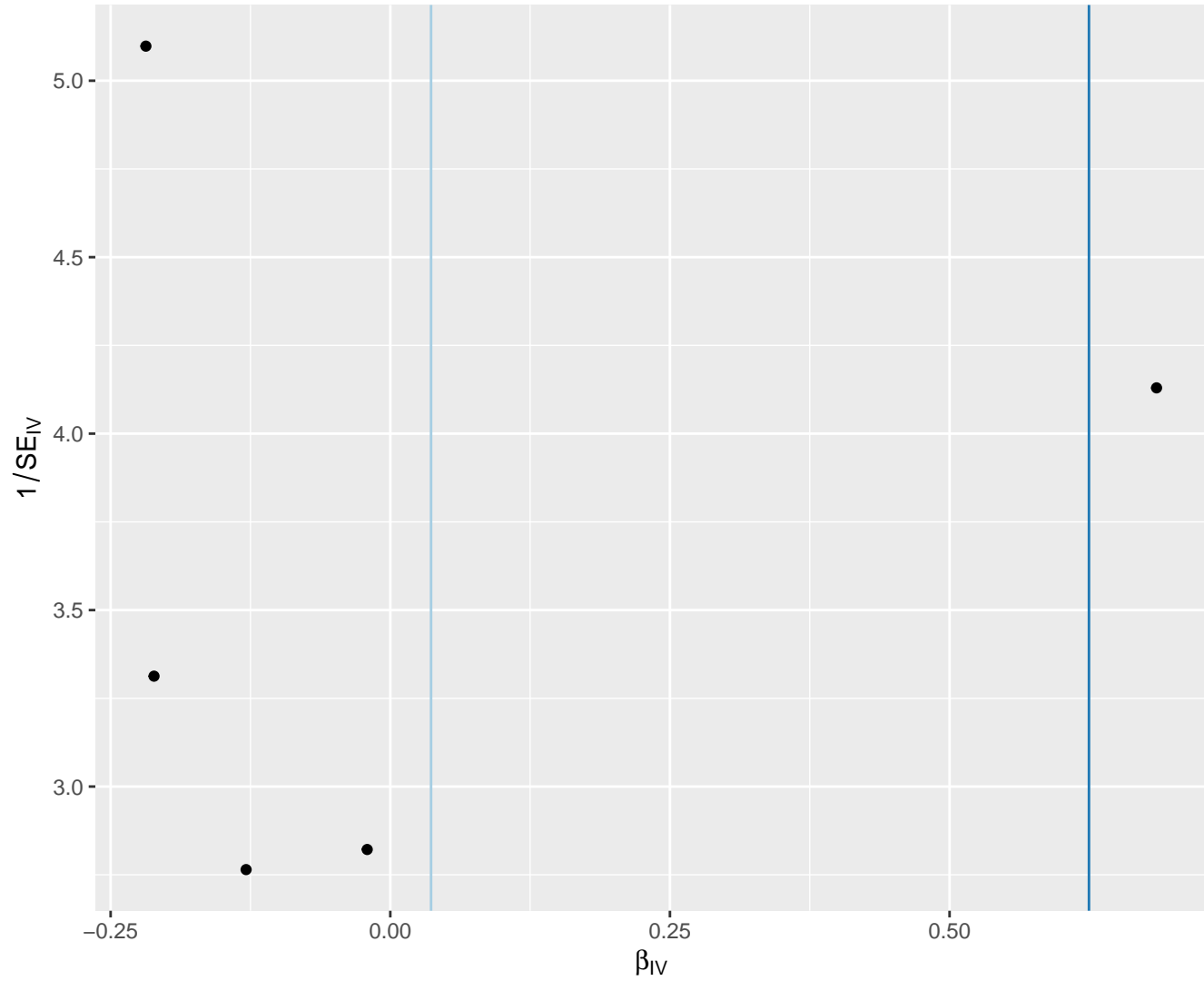




# Free cholesterol in medium HDL

MR Method

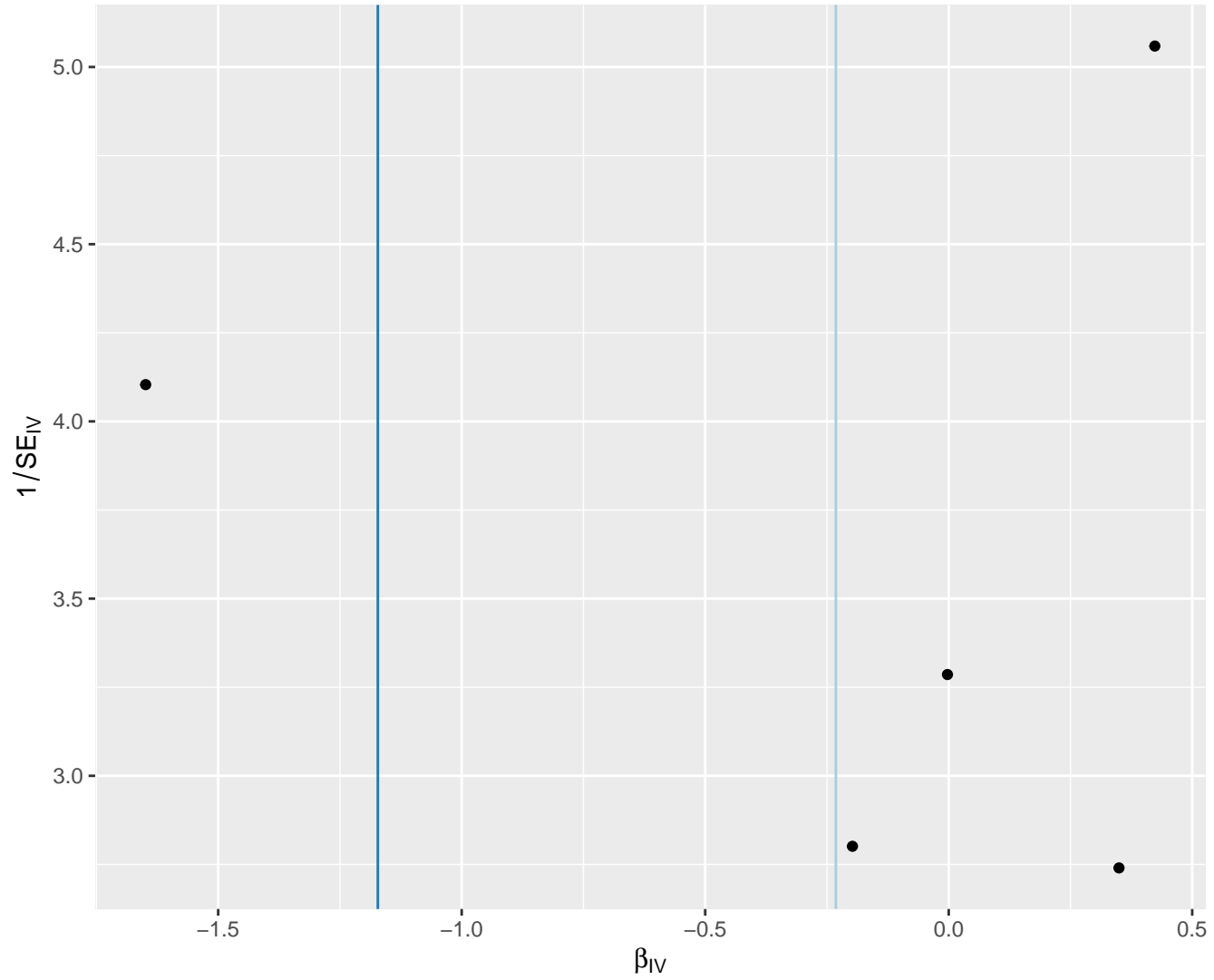
Inverse variance weighted  
MR Egger



# Free cholesterol in medium VLDL

MR Method

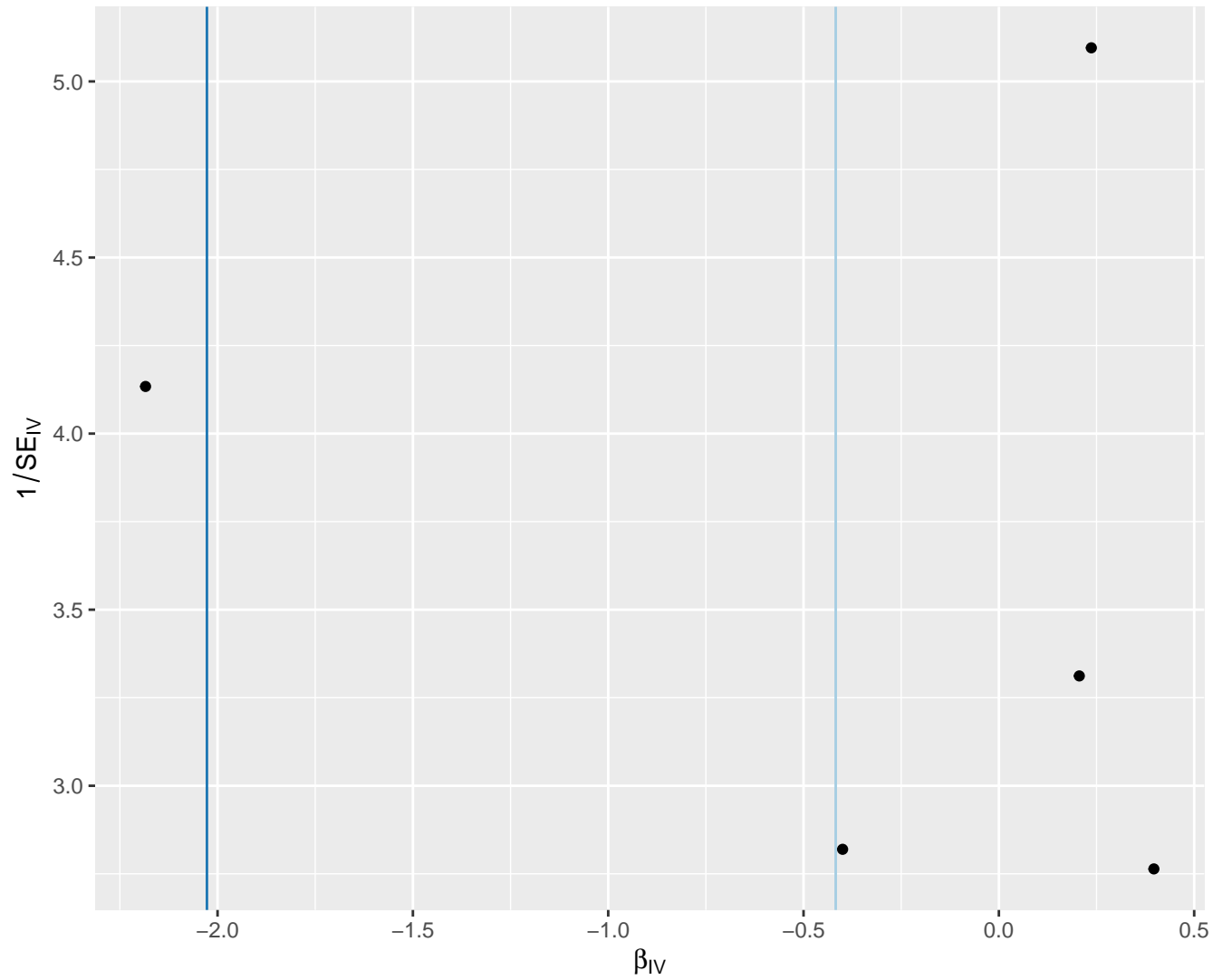
Inverse variance weighted  
MR Egger



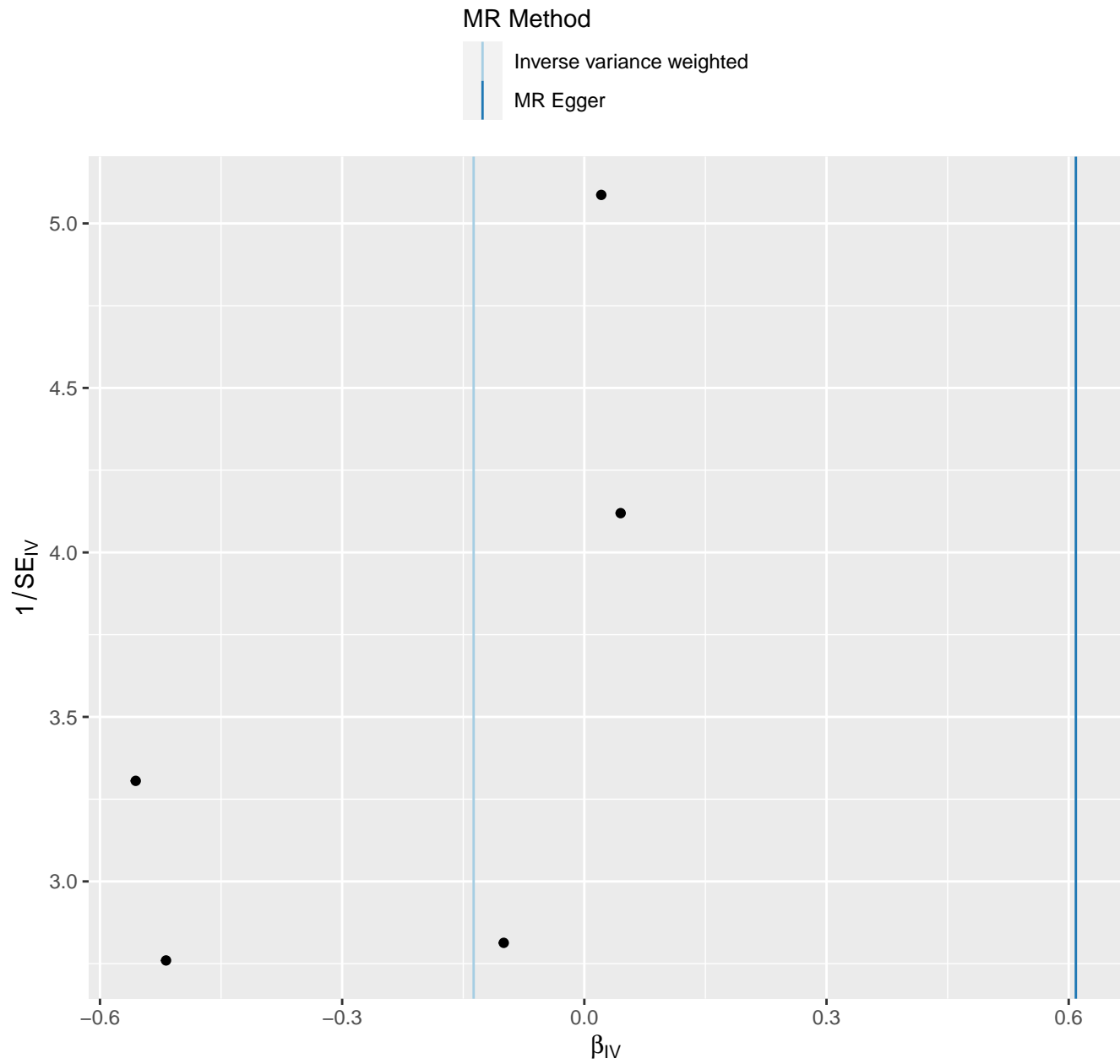
# Free cholesterol in small VLDL

MR Method

Inverse variance weighted  
MR Egger

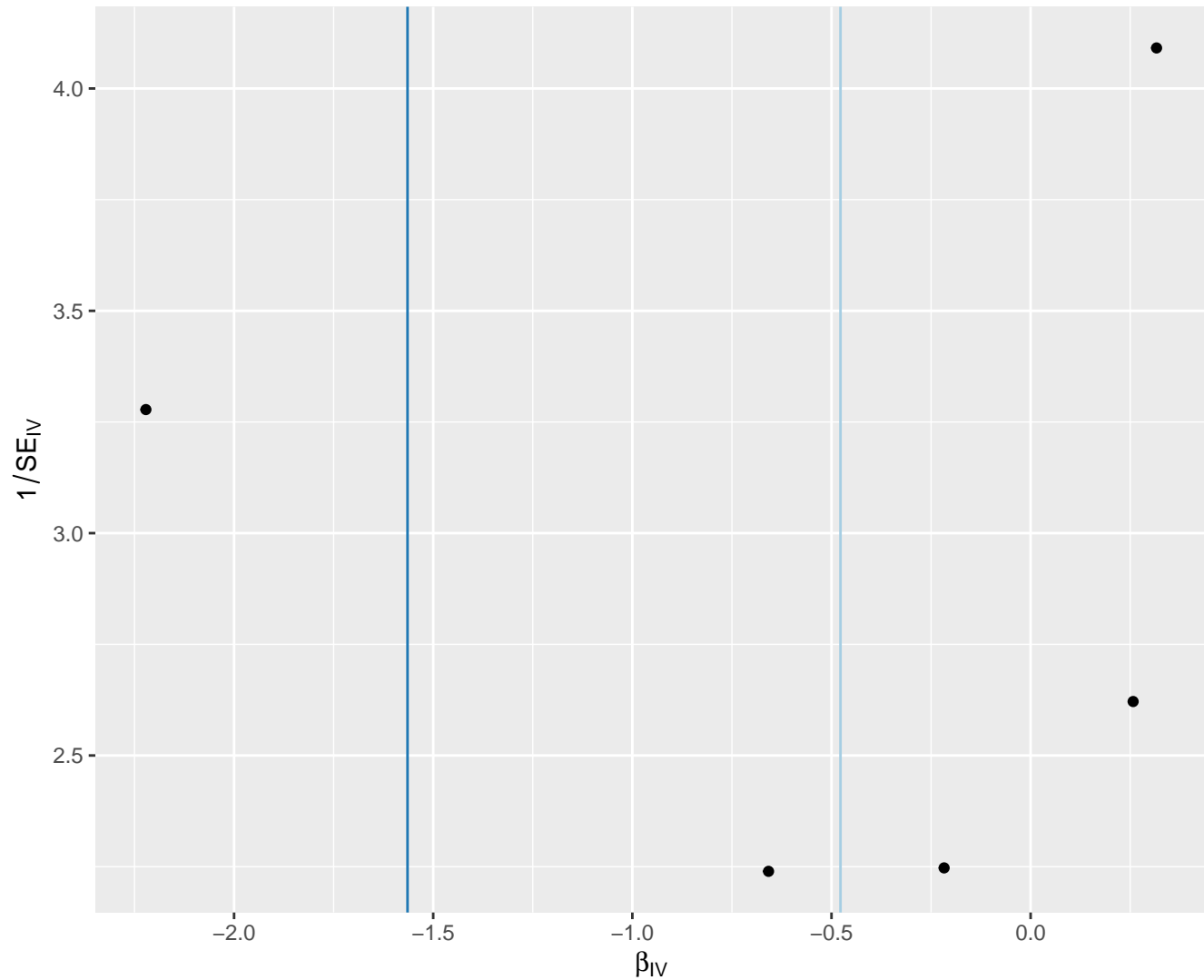
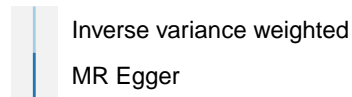


# Free cholesterol in very large HDL



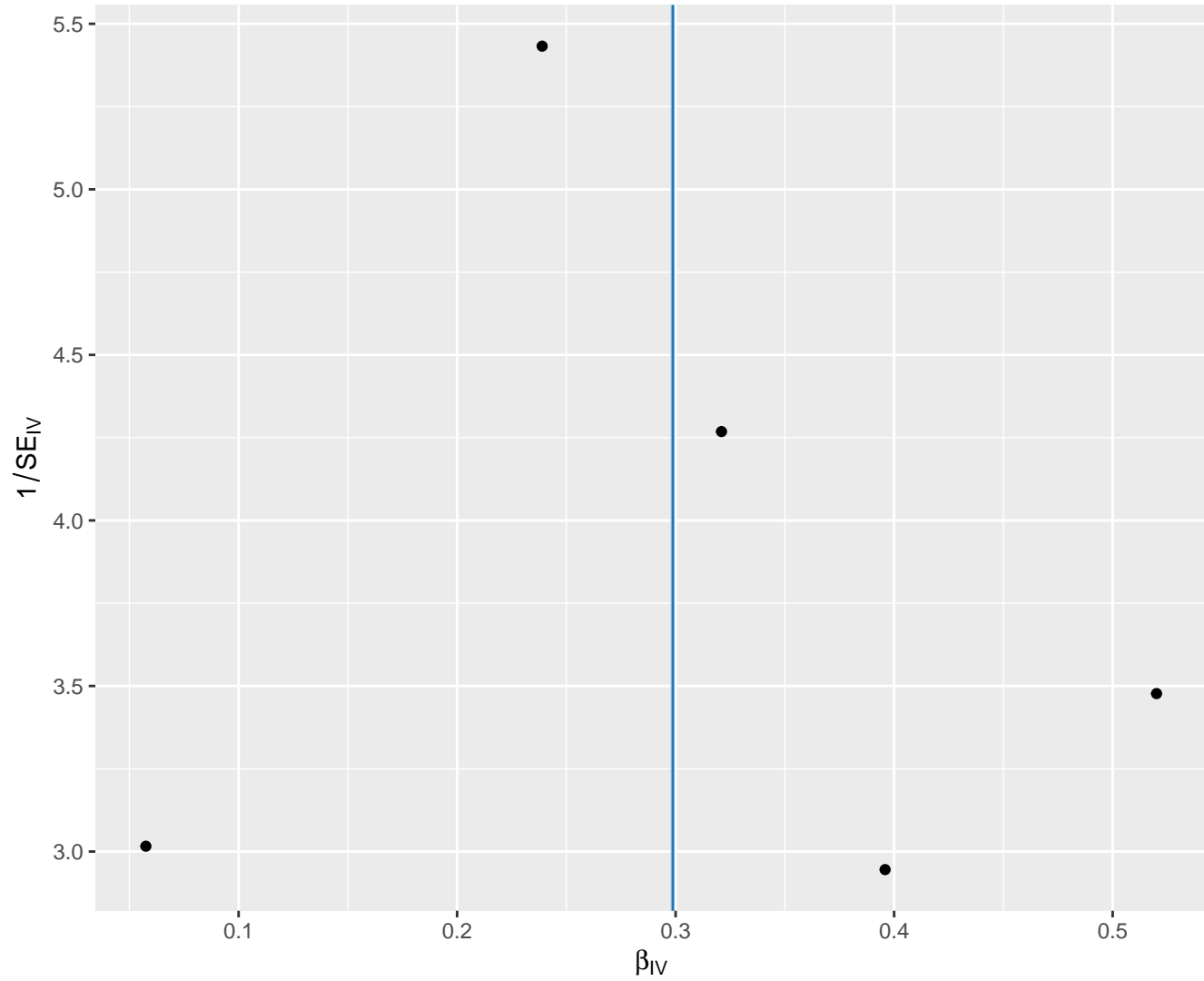
# Free cholesterol to esterified cholesterol ratio

MR Method



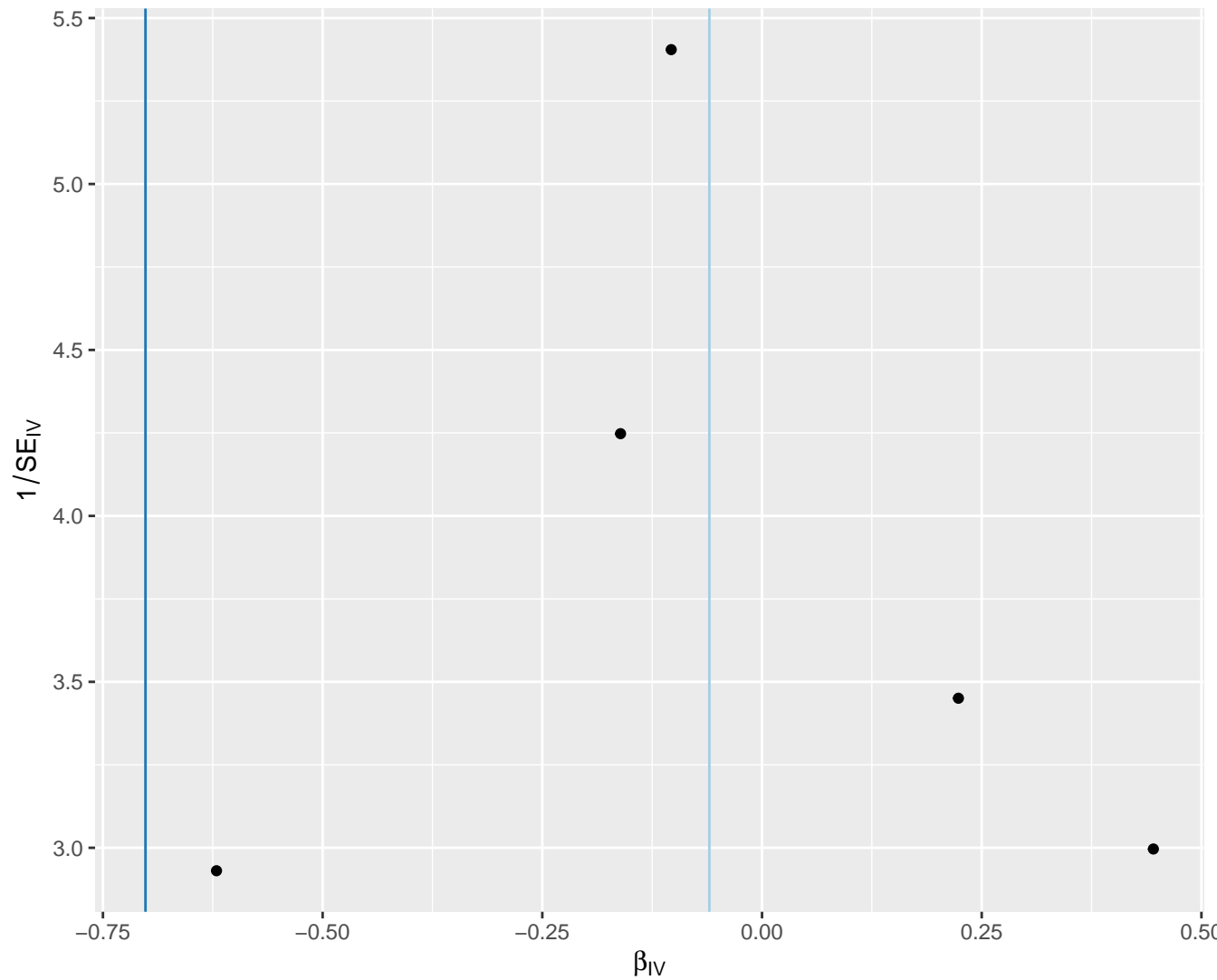
# Glucose

## MR Method



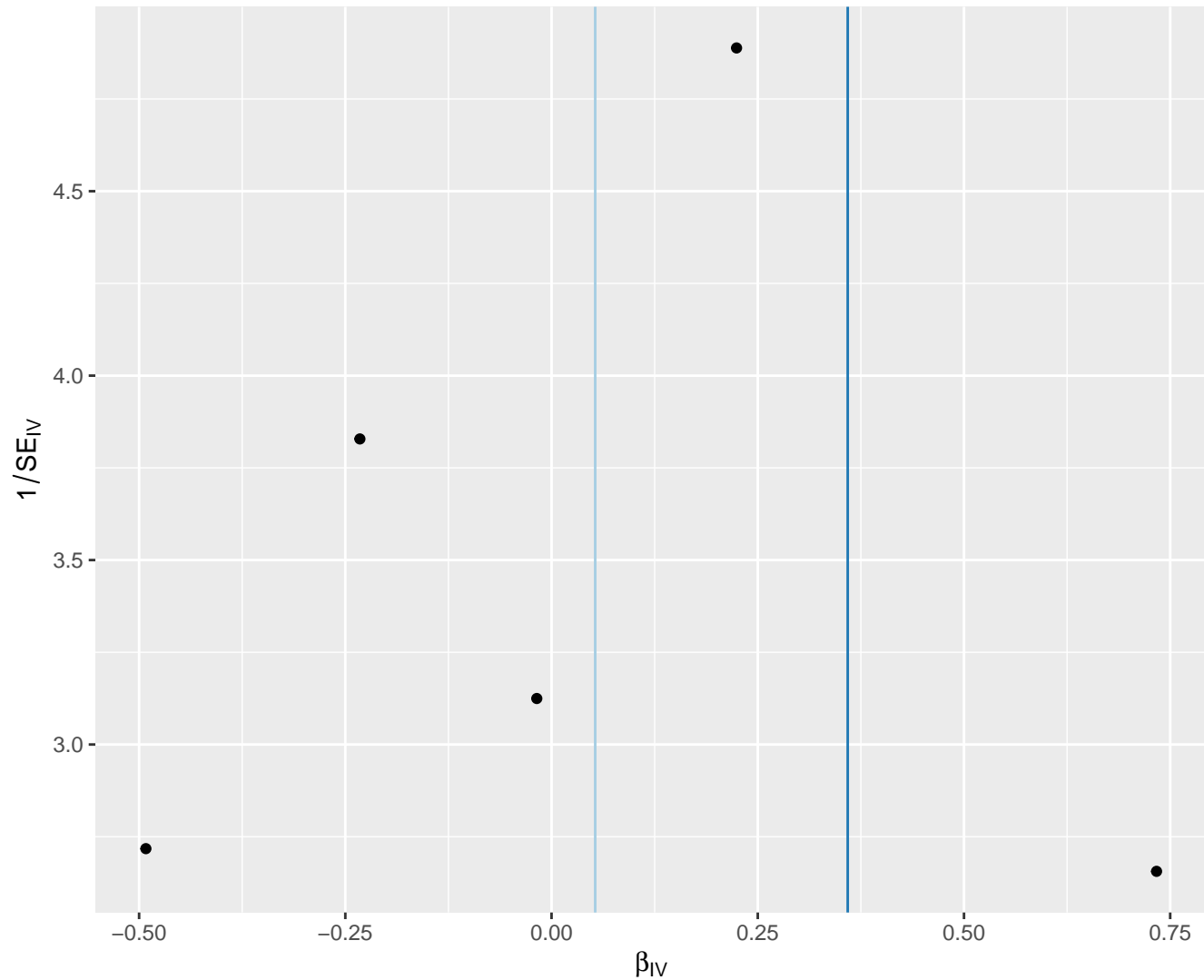
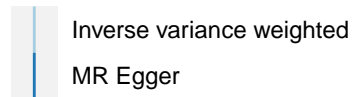
# Glutamine

## MR Method



# Glycerol

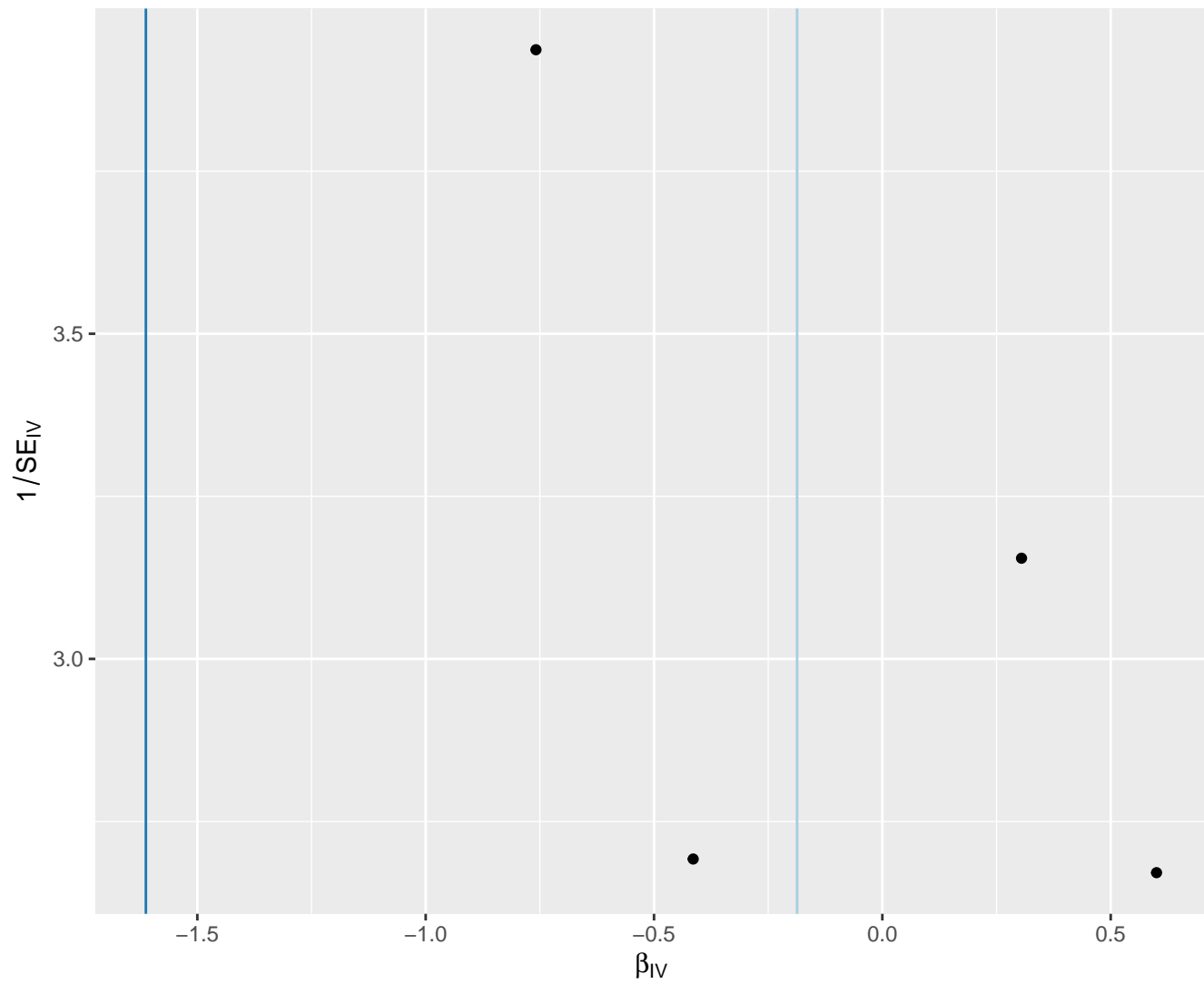
## MR Method





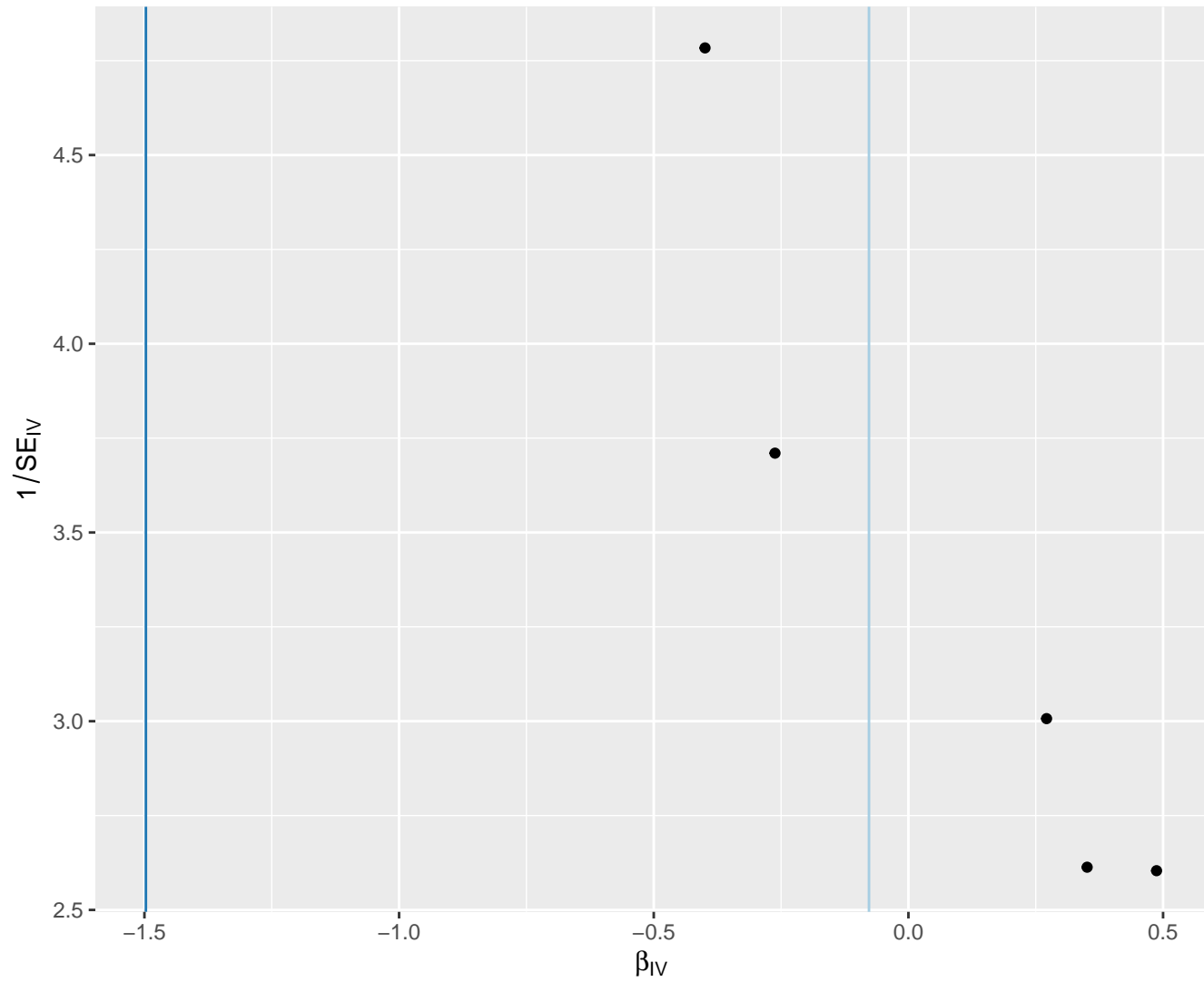
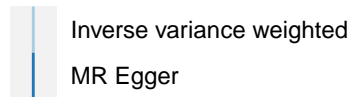
# Glycoprotein acetyls

MR Method



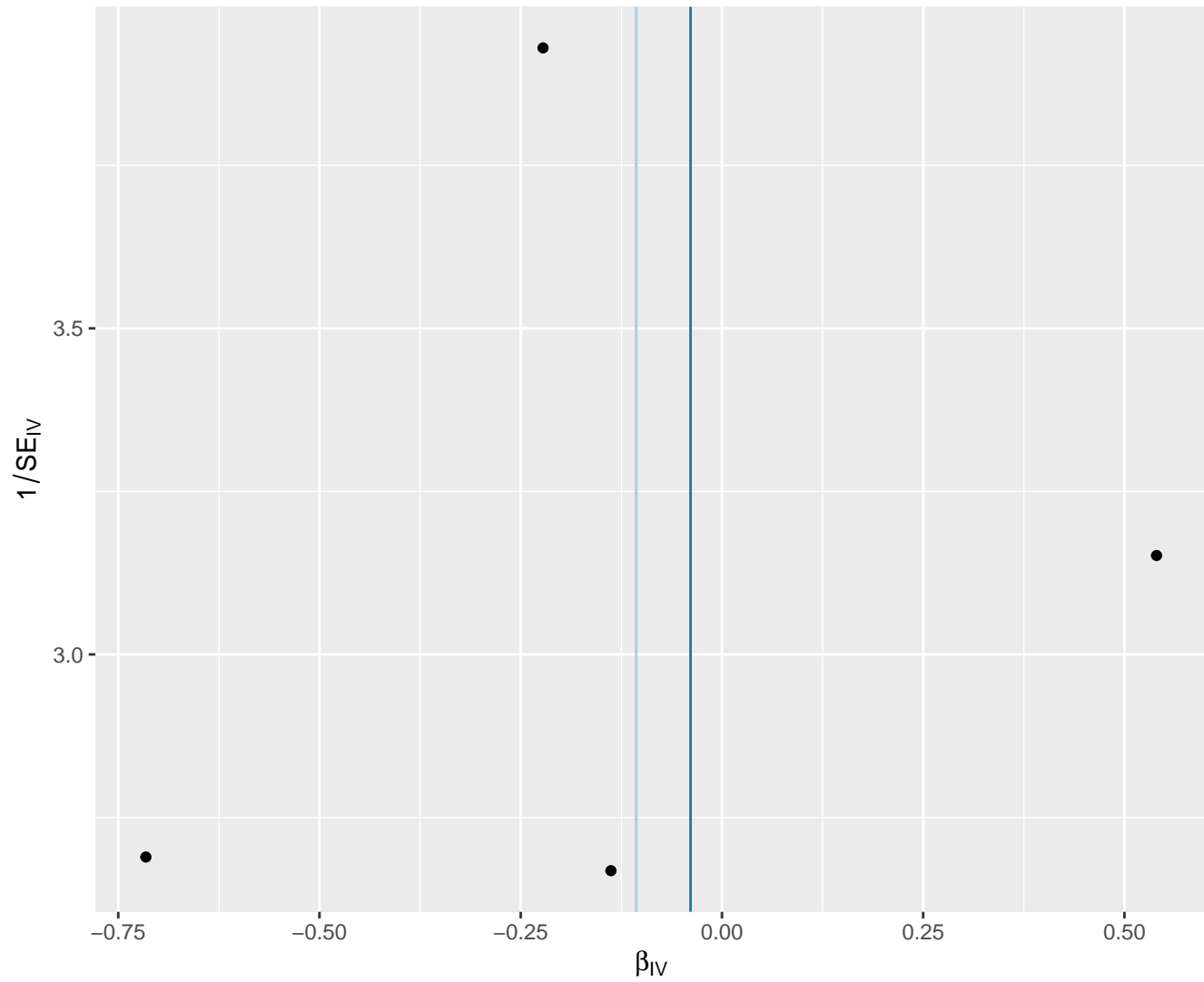
# Glycoproteins

MR Method



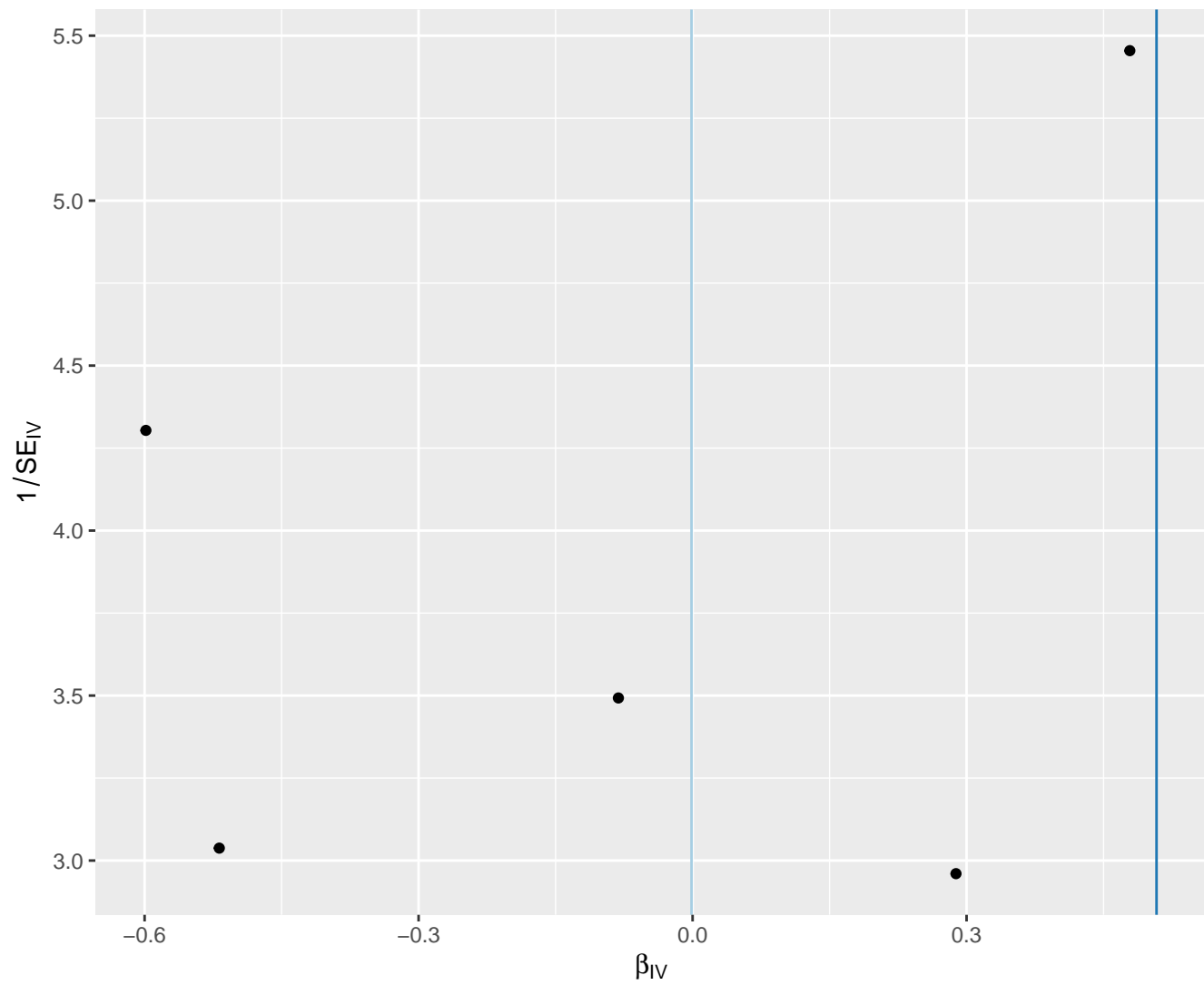
# Histidine

## MR Method



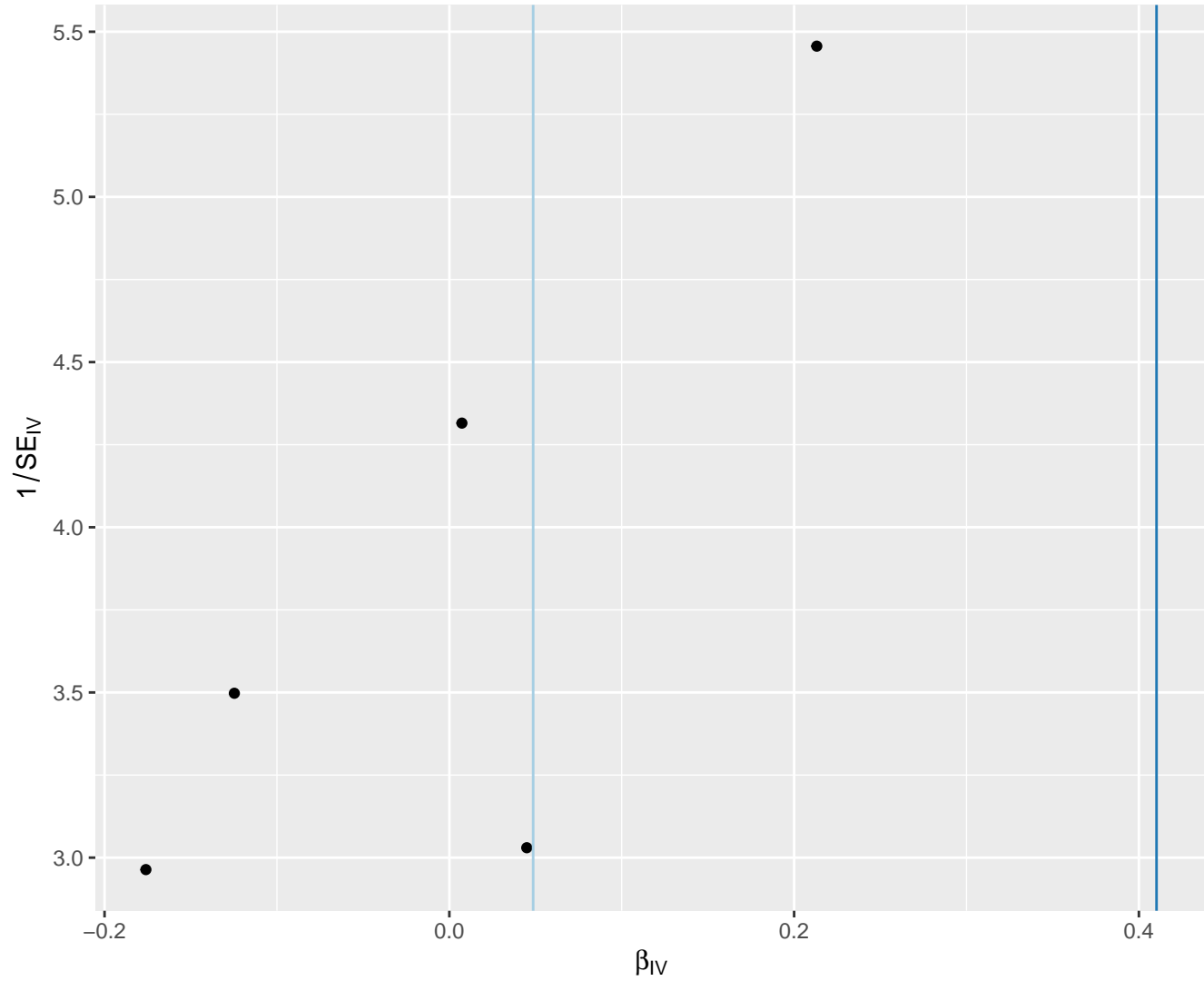
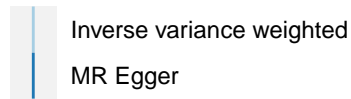
# Isoleucine

## MR Method



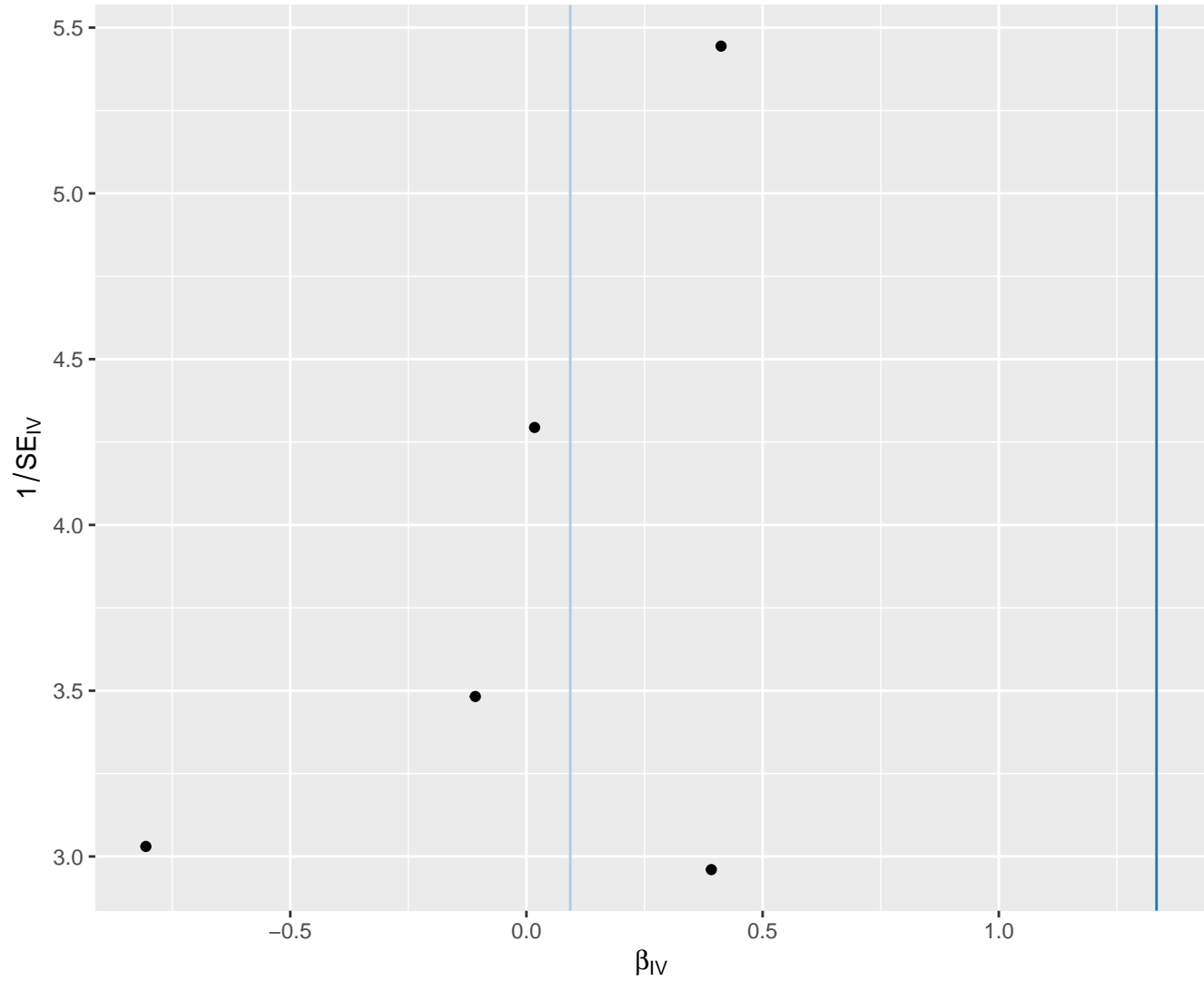
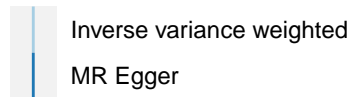
# Lactate

## MR Method



# Leucine

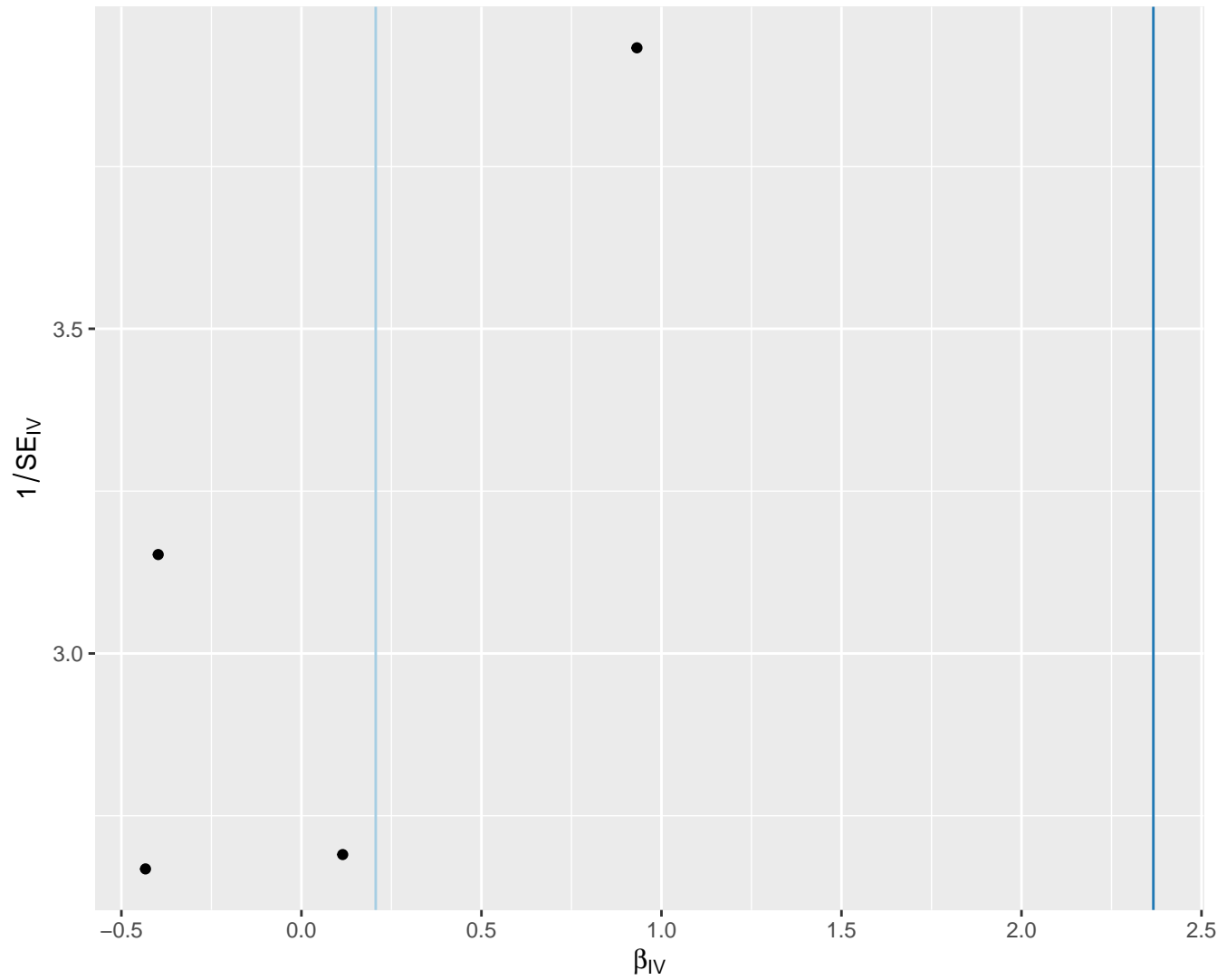
## MR Method



# Mean diameter for HDL particles

MR Method

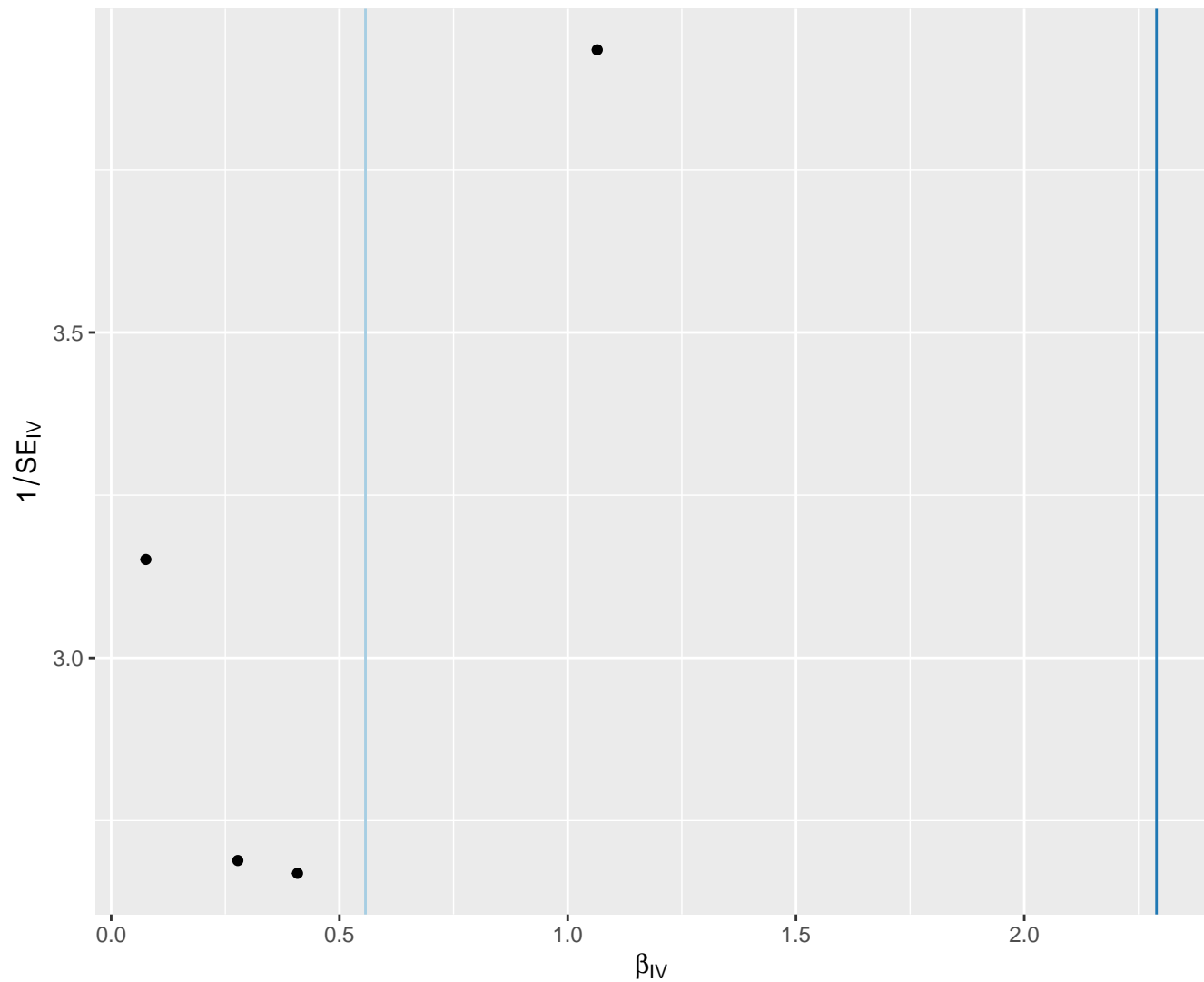
Inverse variance weighted  
MR Egger



# Mean diameter for LDL particles

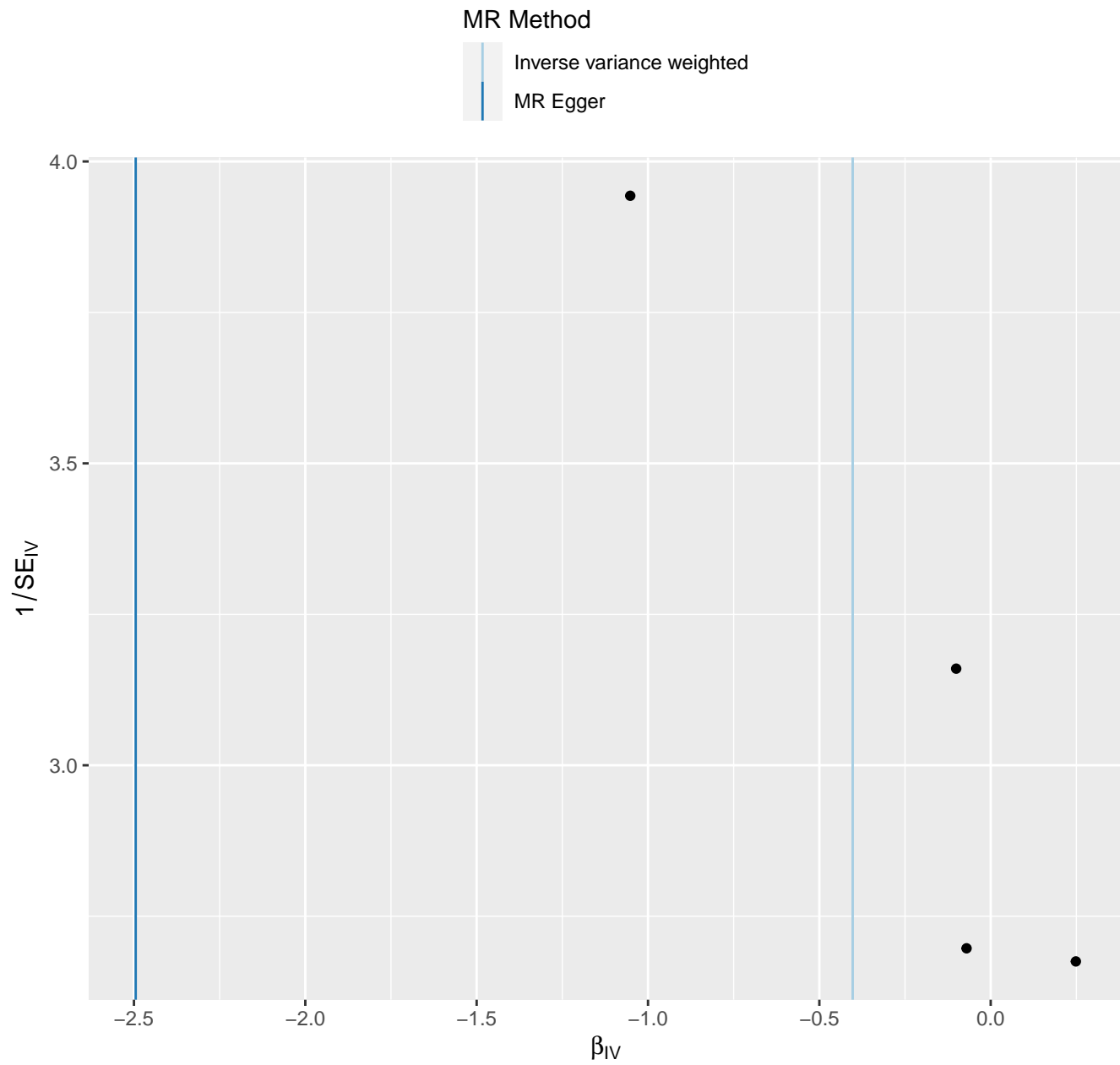
MR Method

Inverse variance weighted  
MR Egger





# Mean diameter for VLDL particles

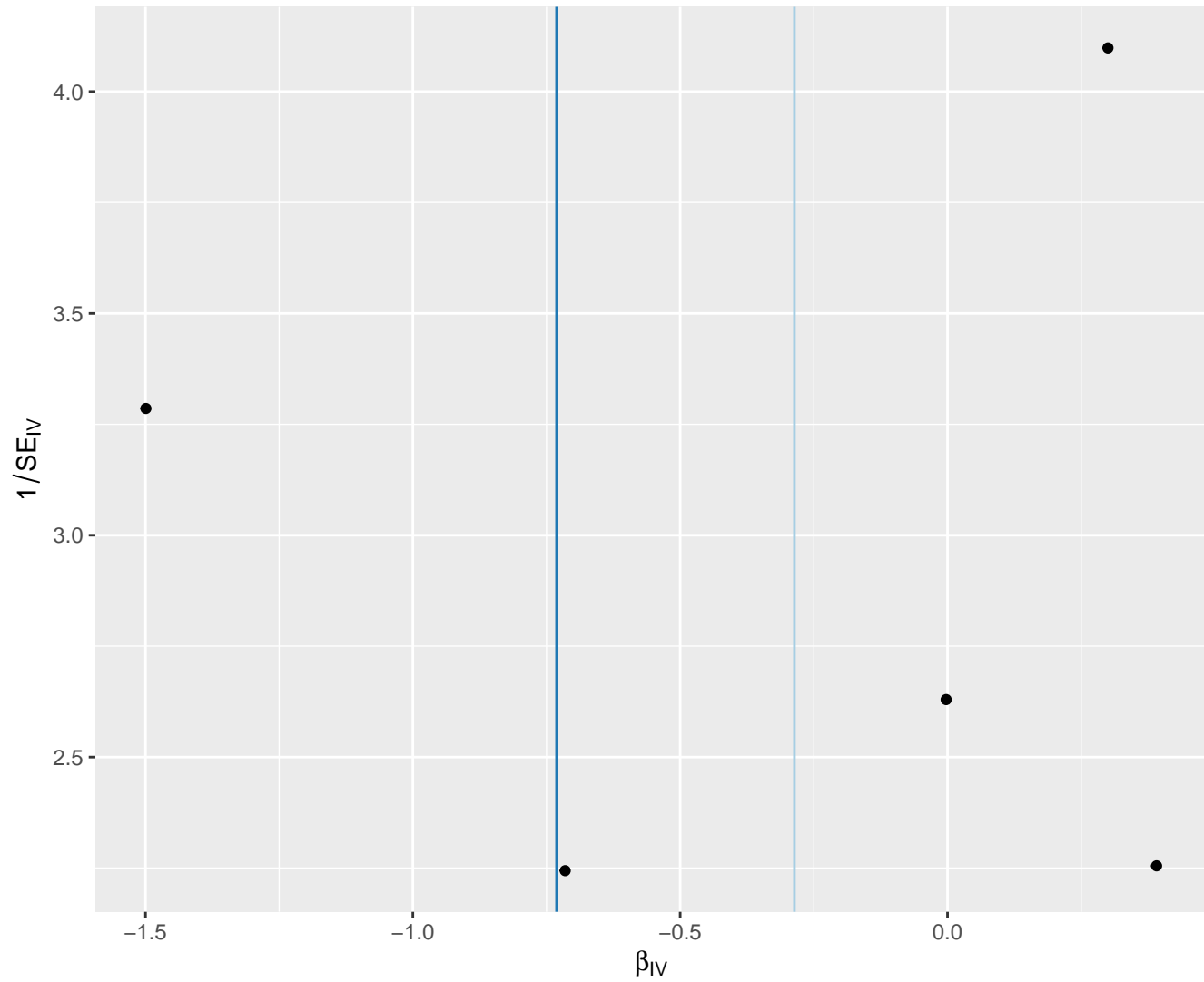


# Mono-unsaturated fatty acids

MR Method

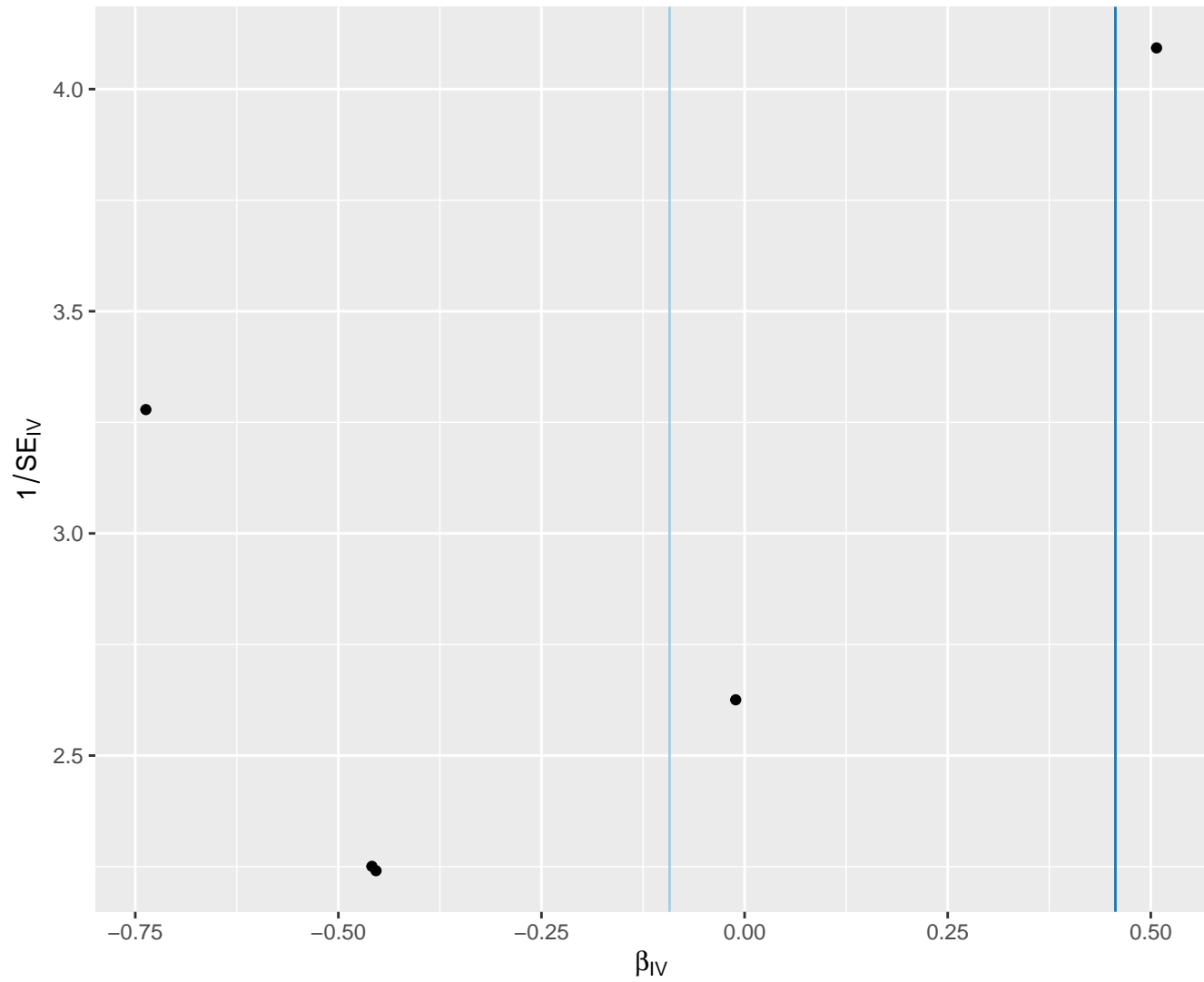
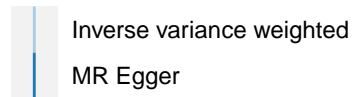
Inverse variance weighted

MR Egger

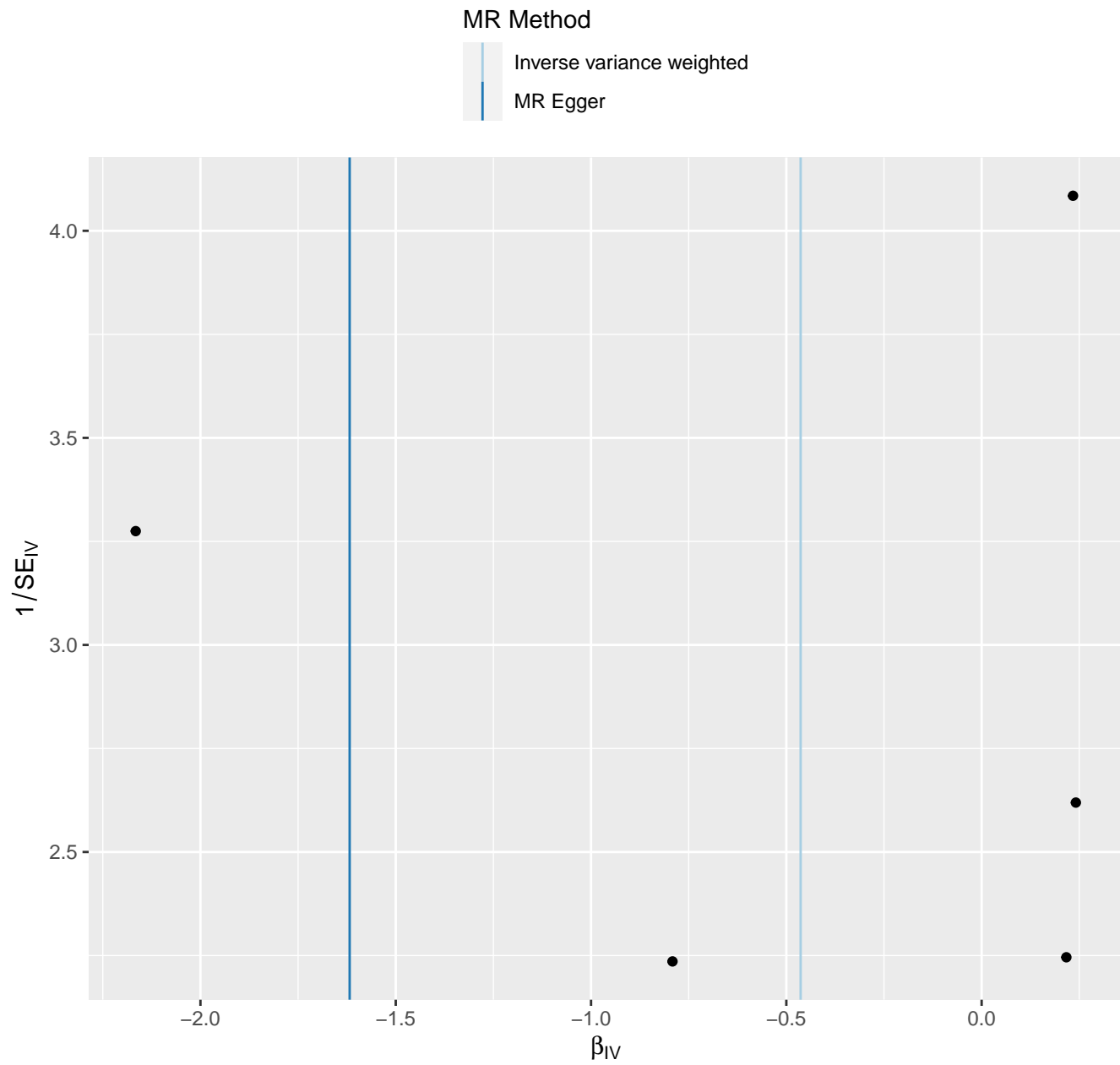


# Omega-3 fatty acids

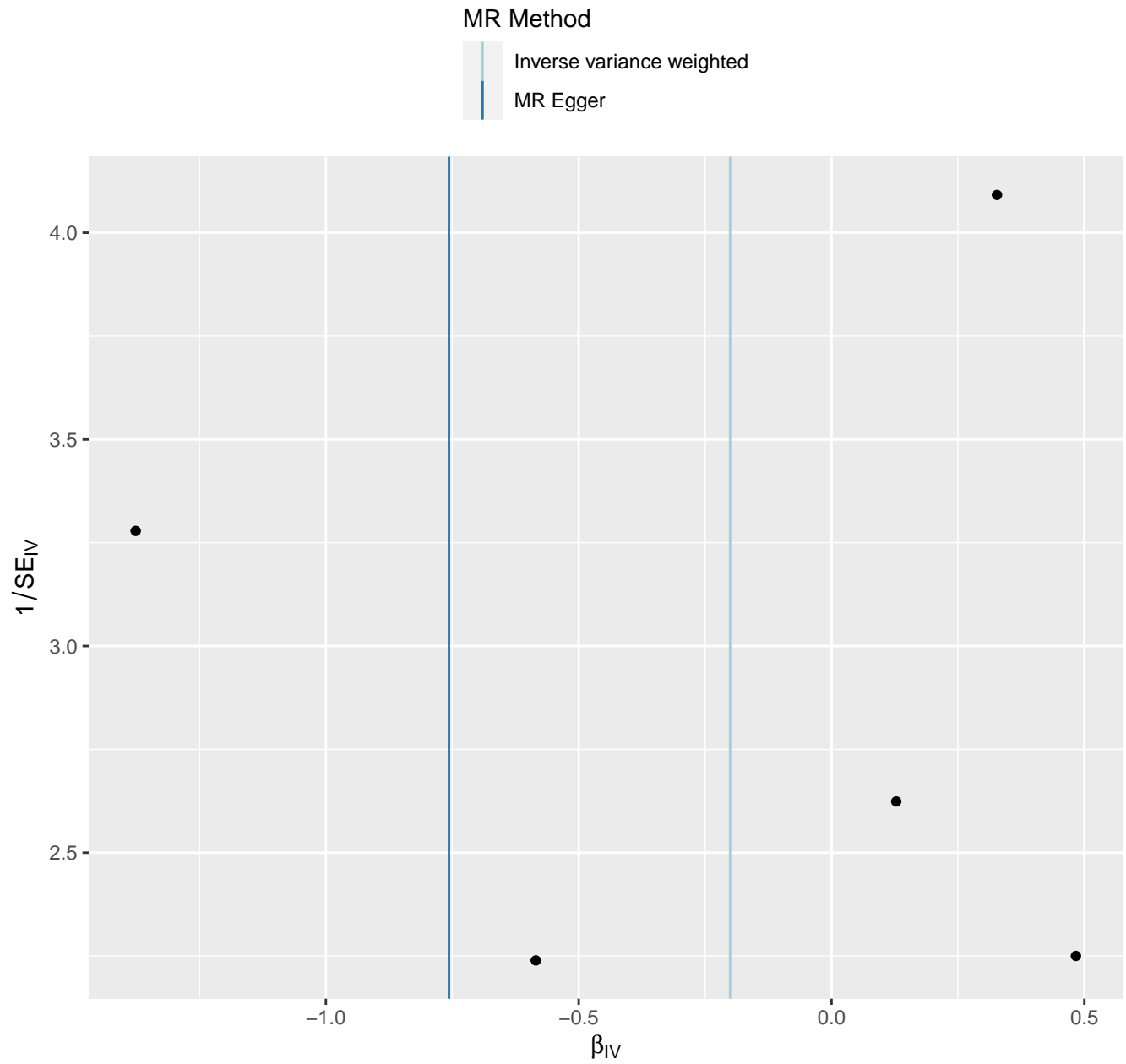
MR Method



# Omega-6 fatty acids



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

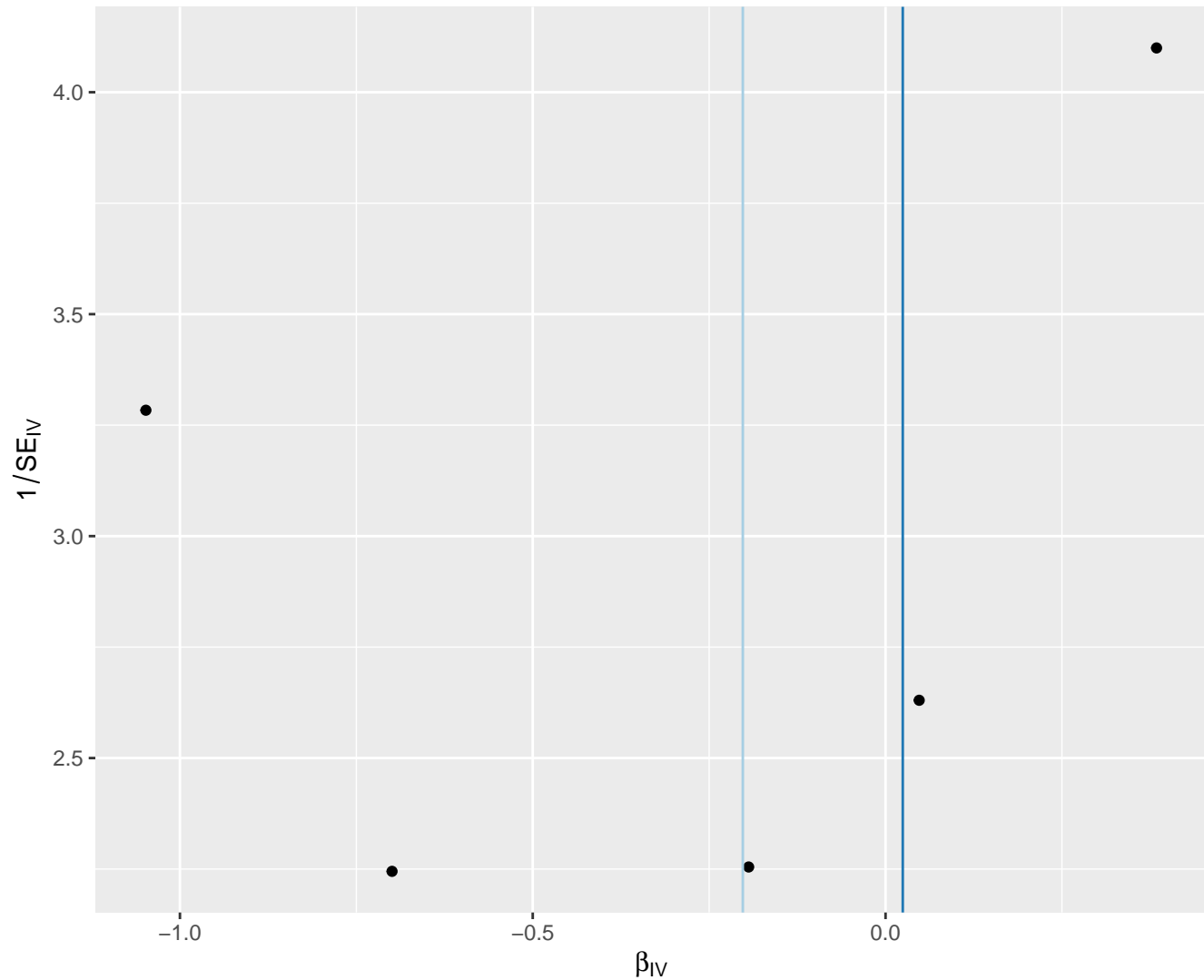


# Other polyunsaturated fatty acids than 18:2

MR Method

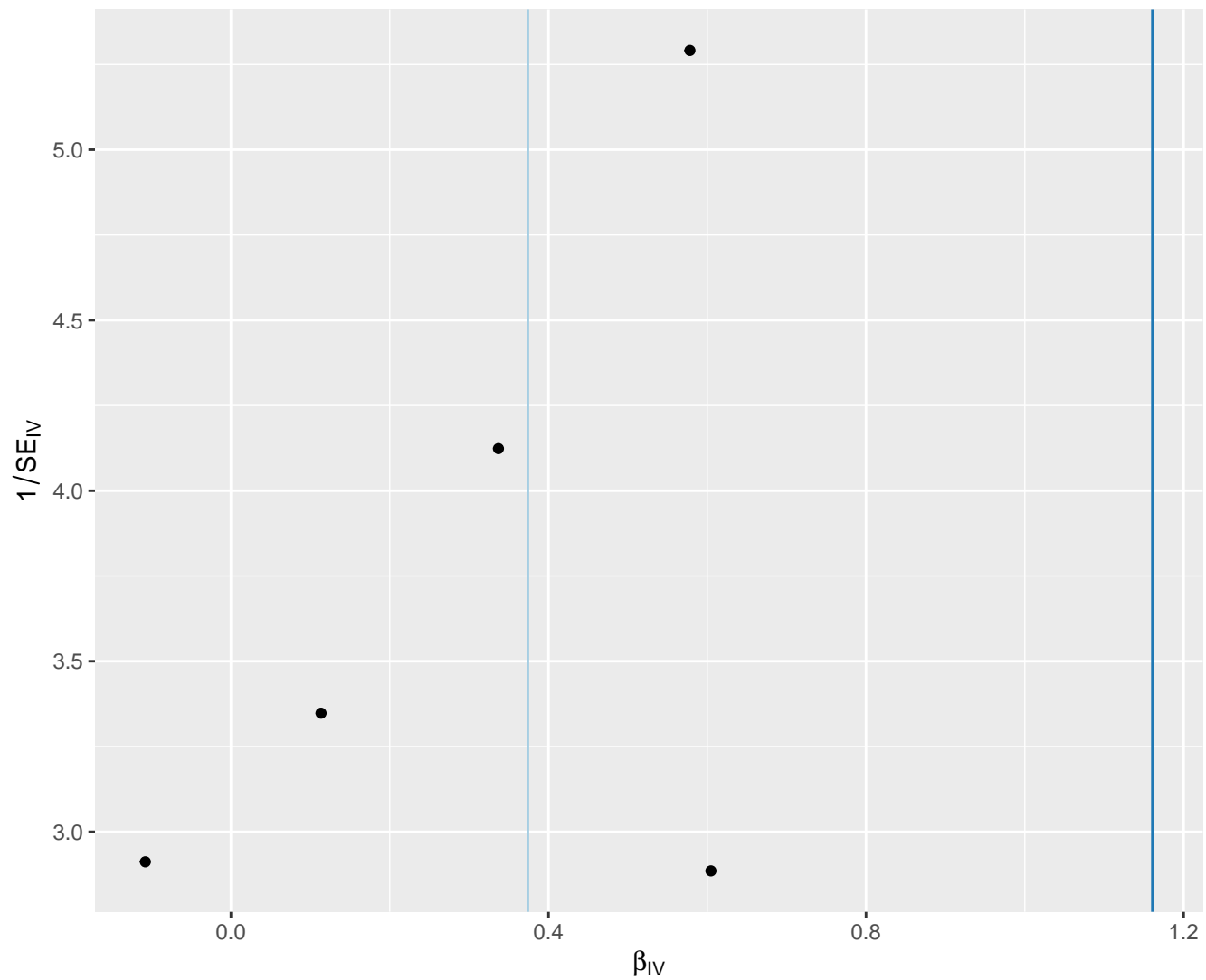
Inverse variance weighted

MR Egger



# Phenylalanine

## MR Method

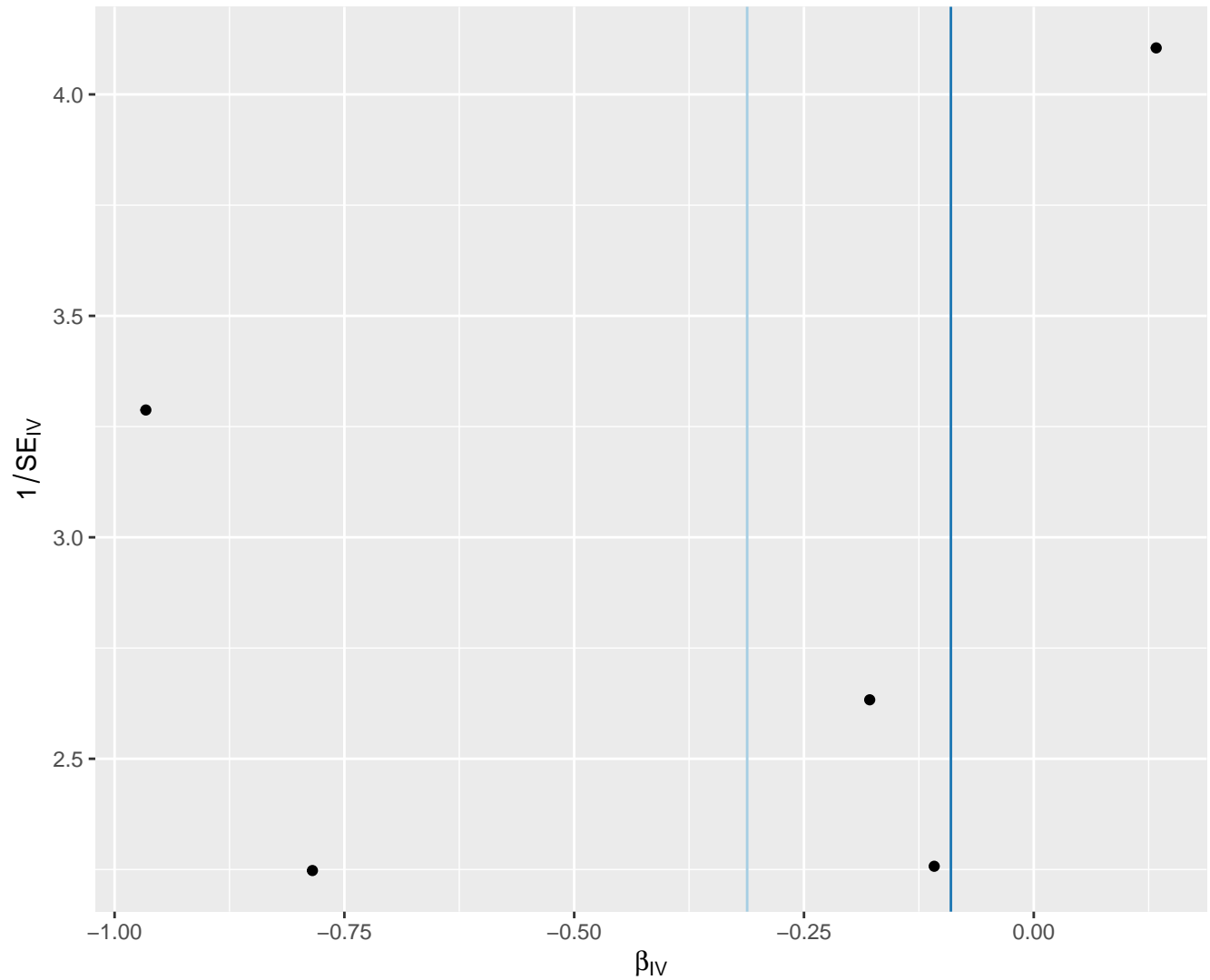


# Phosphatidylcholine and other choline

MR Method

Inverse variance weighted

MR Egger

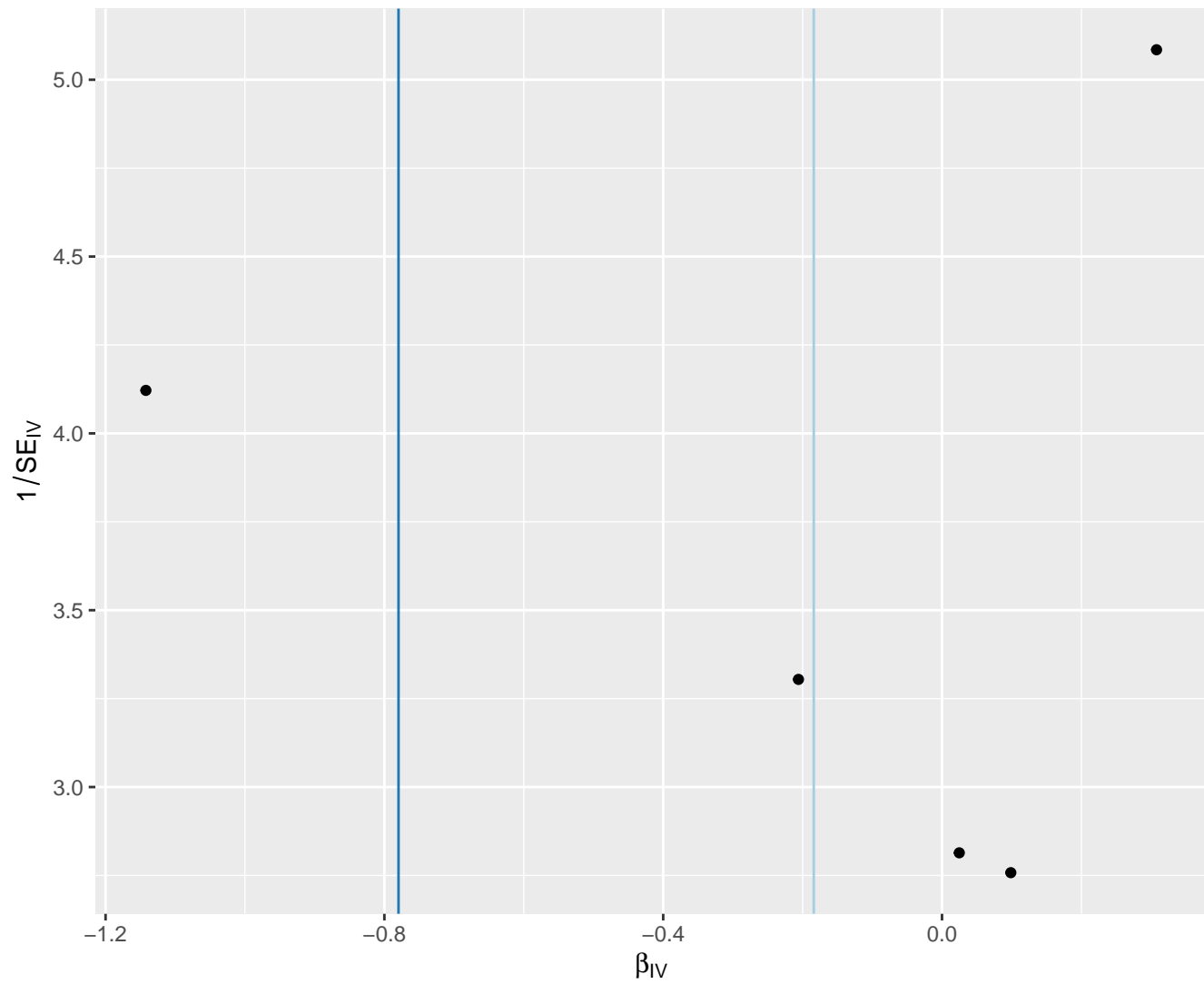




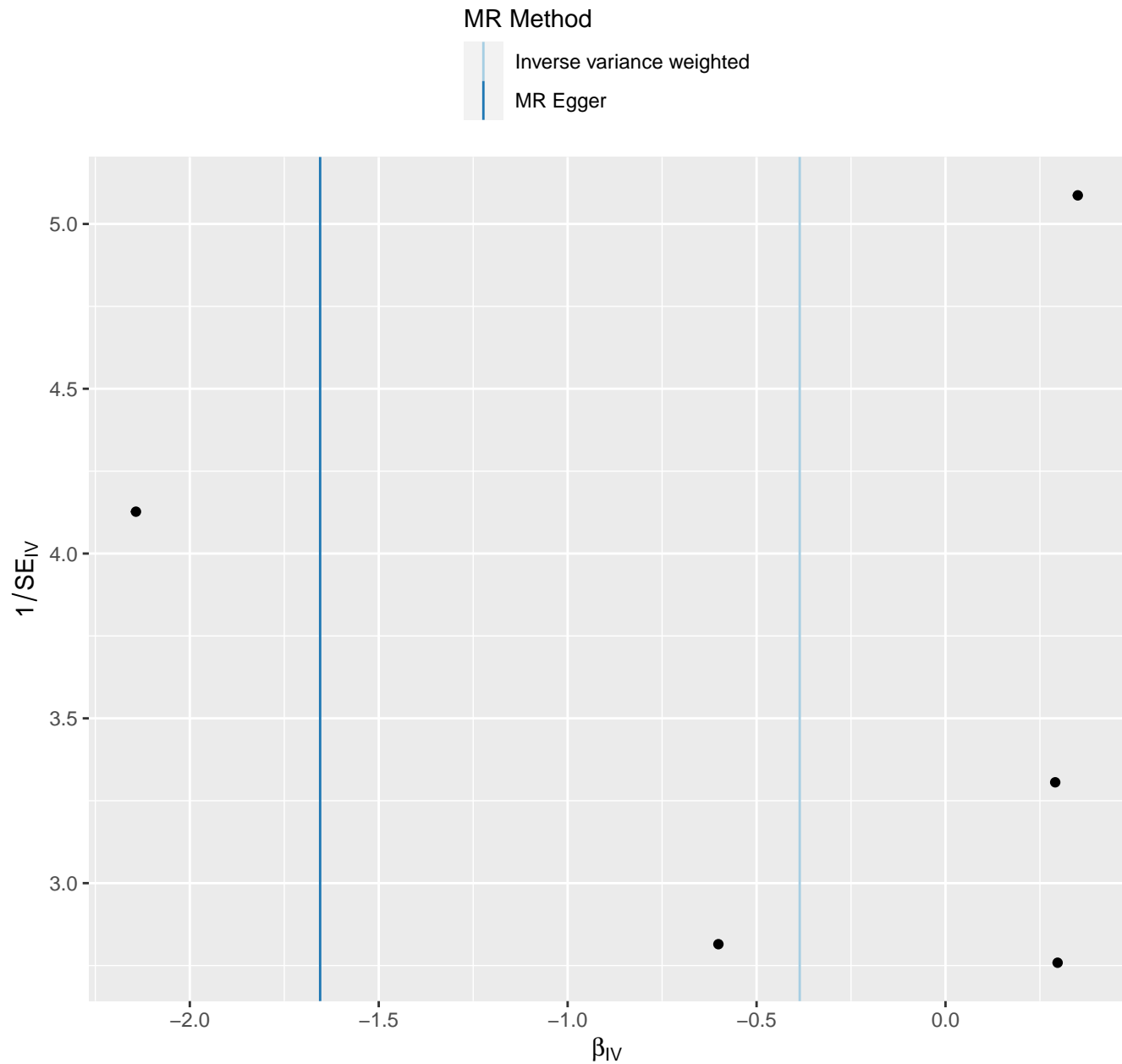
# Phospholipids in chylomicrons and largest VLDL particles

MR Method

Inverse variance weighted  
MR Egger



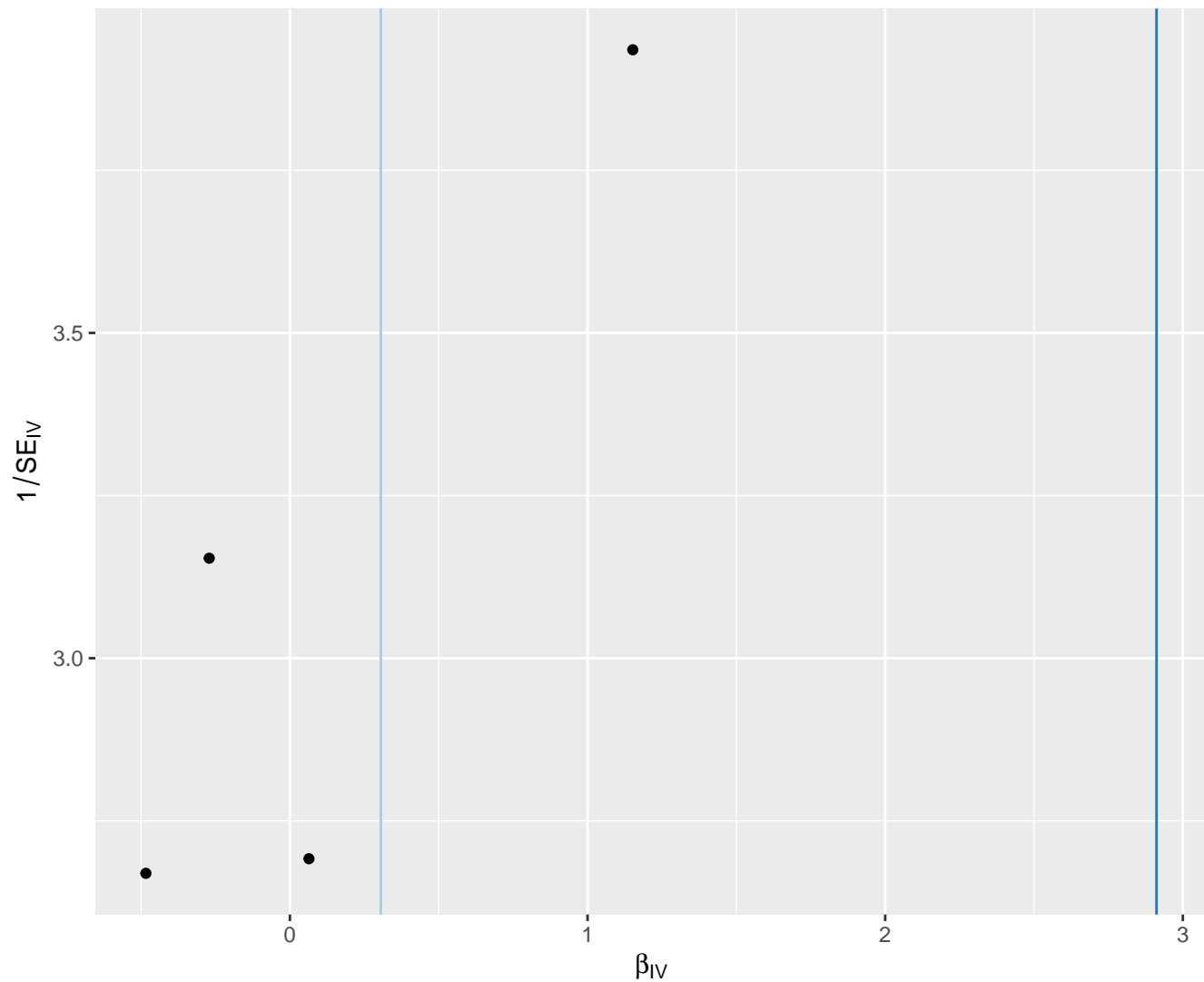
# Phospholipids in IDL



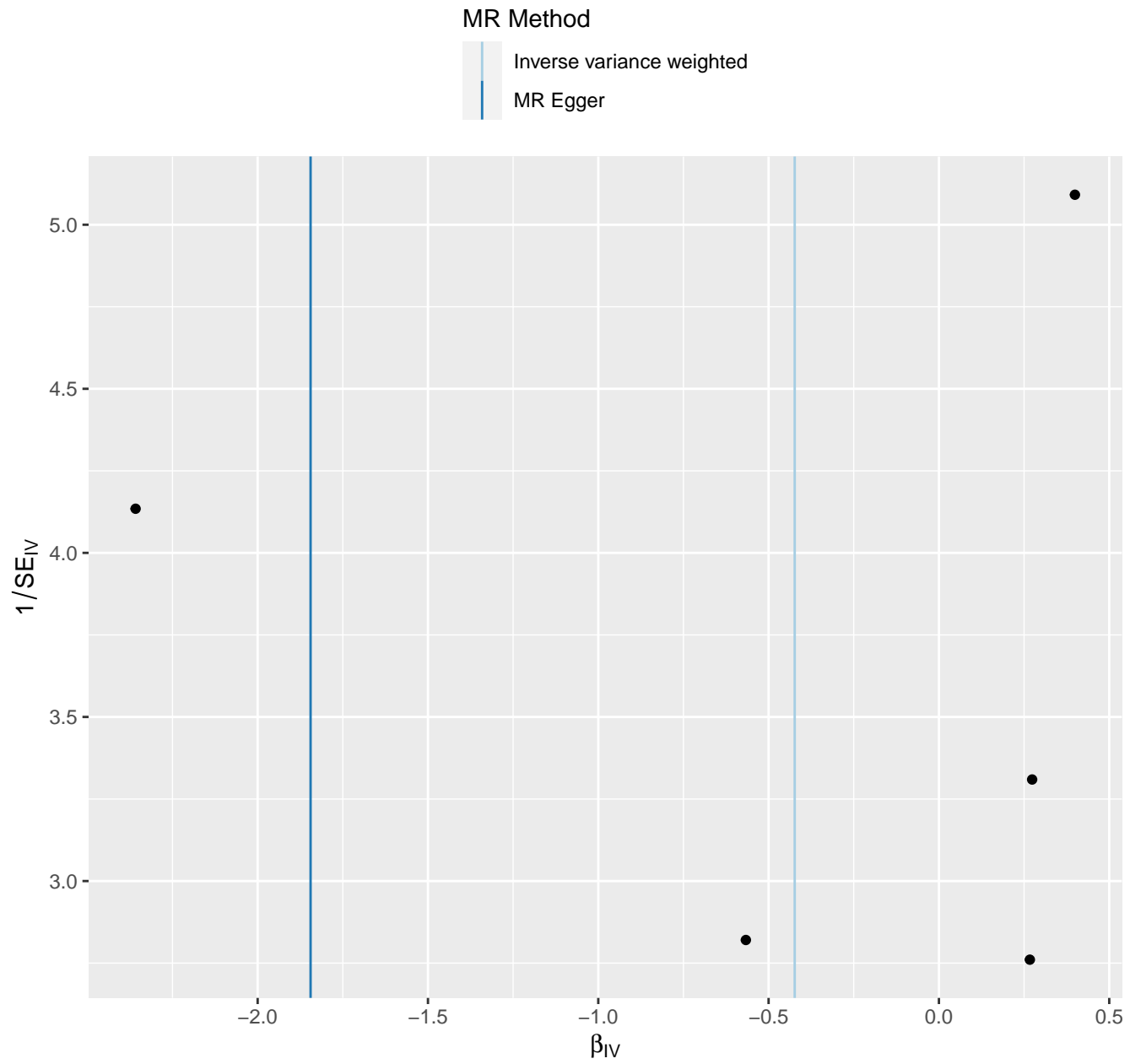
# Phospholipids in large HDL

MR Method

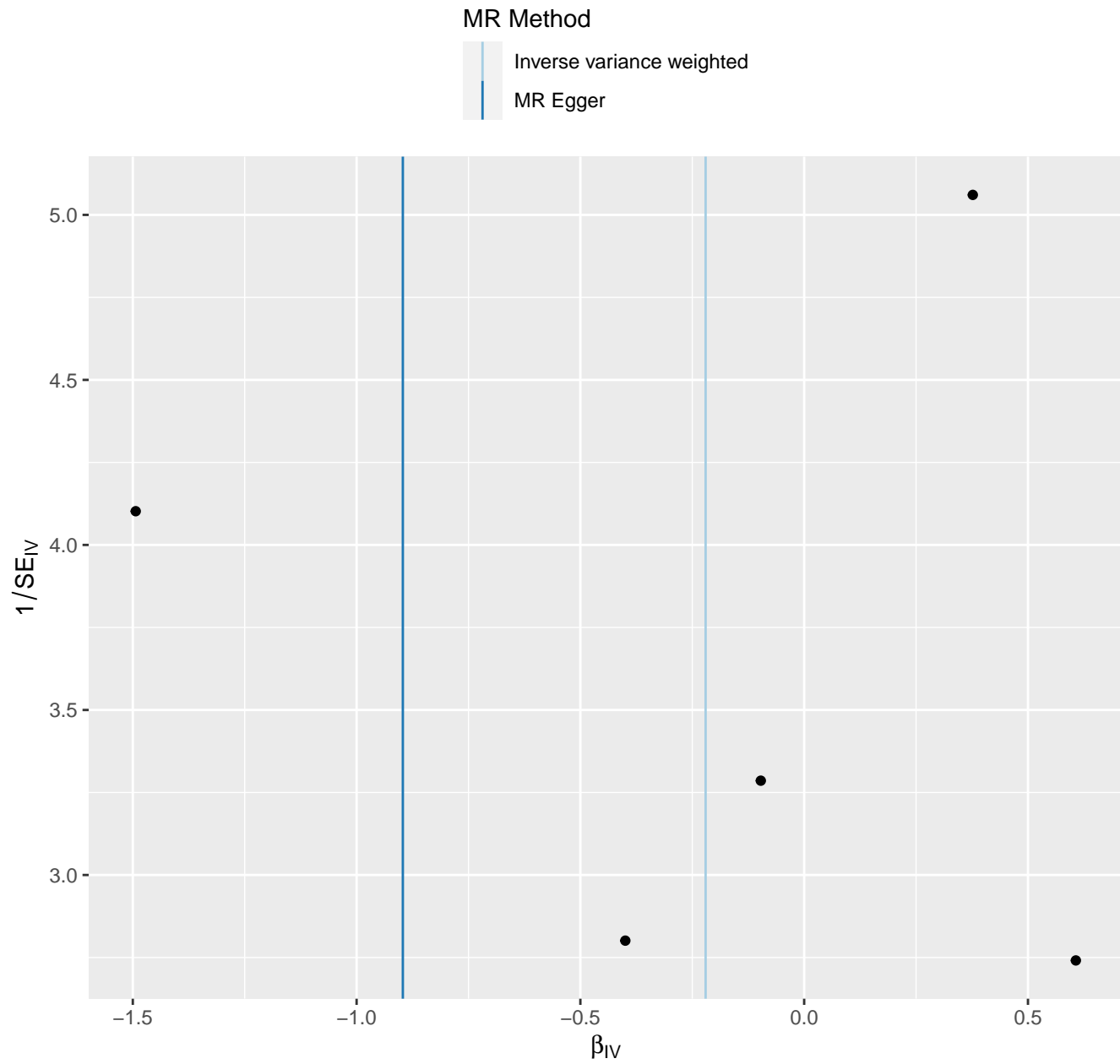
Inverse variance weighted  
MR Egger



# Phospholipids in large LDL



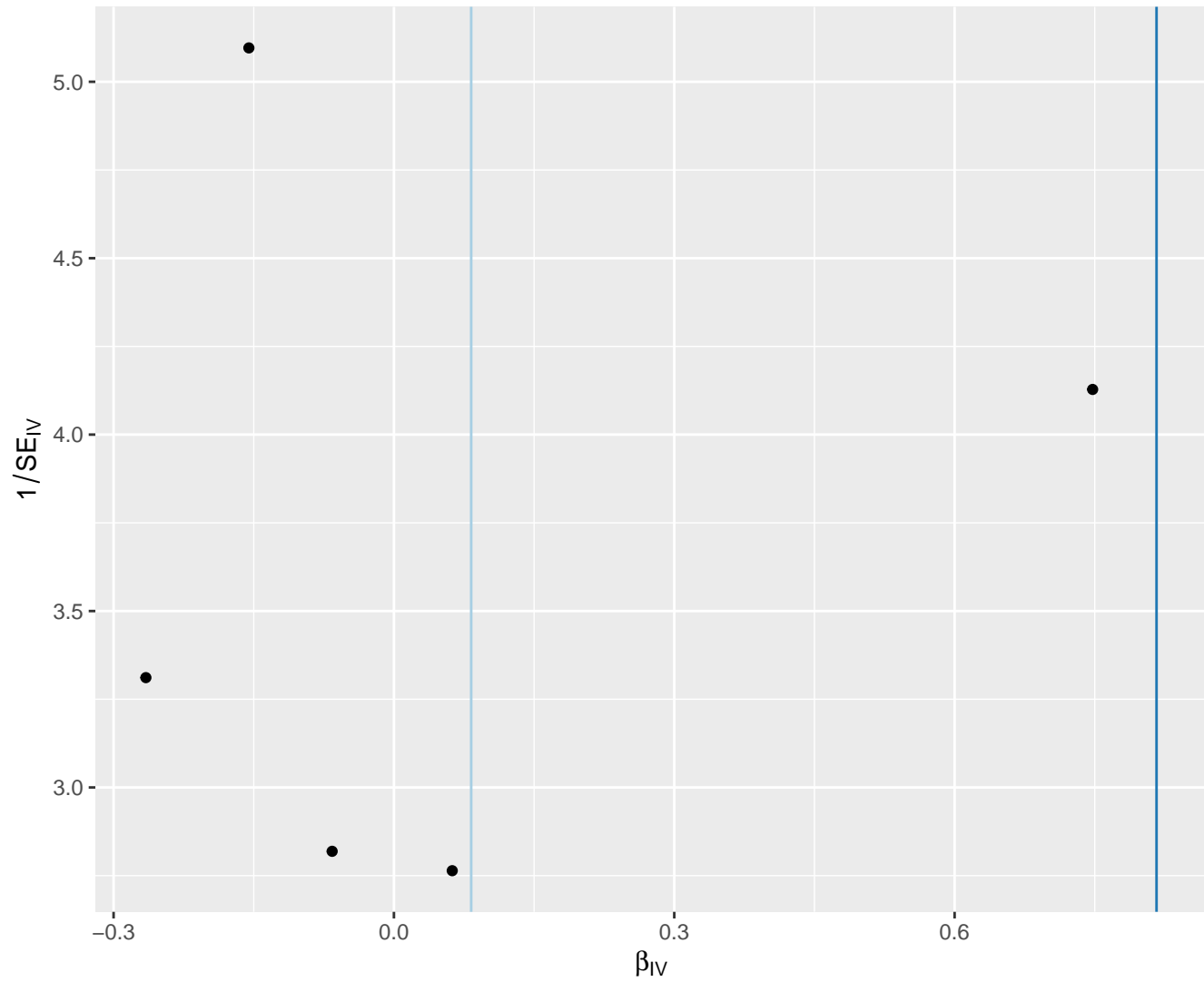
# Phospholipids in large VLDL



# Phospholipids in medium HDL

MR Method

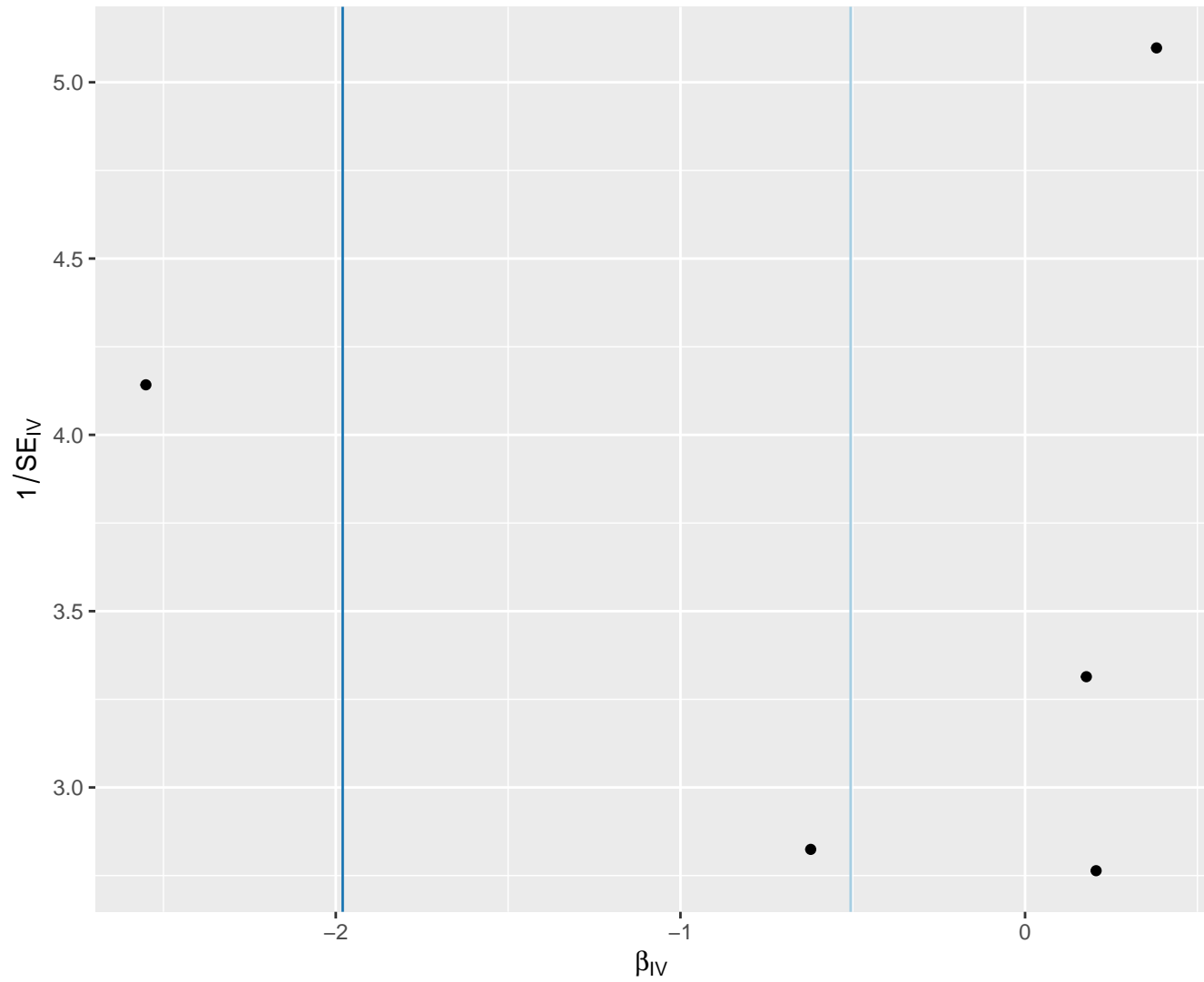
Inverse variance weighted  
MR Egger



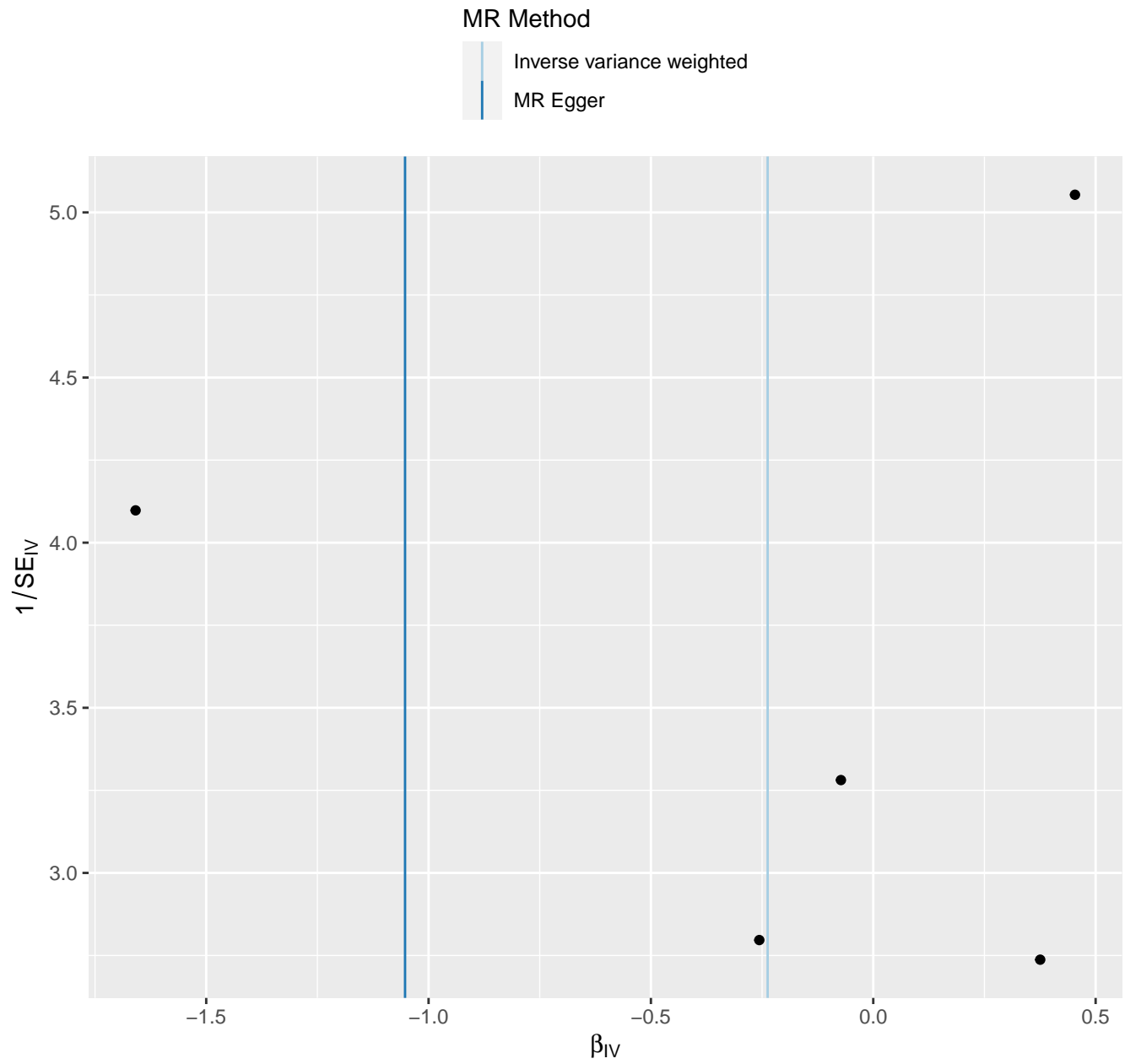
# Phospholipids in medium LDL

MR Method

Inverse variance weighted  
MR Egger

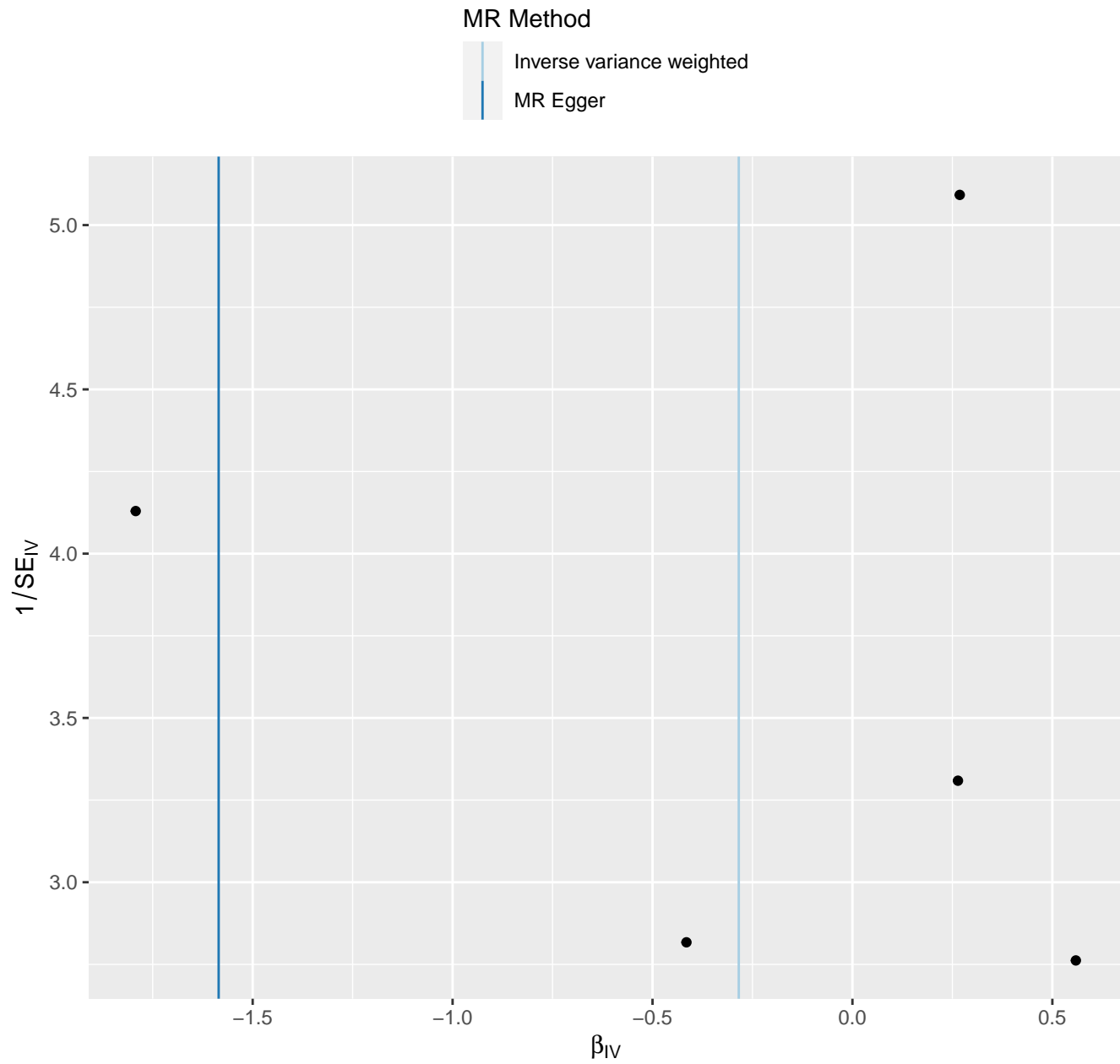


# Phospholipids in medium VLDL





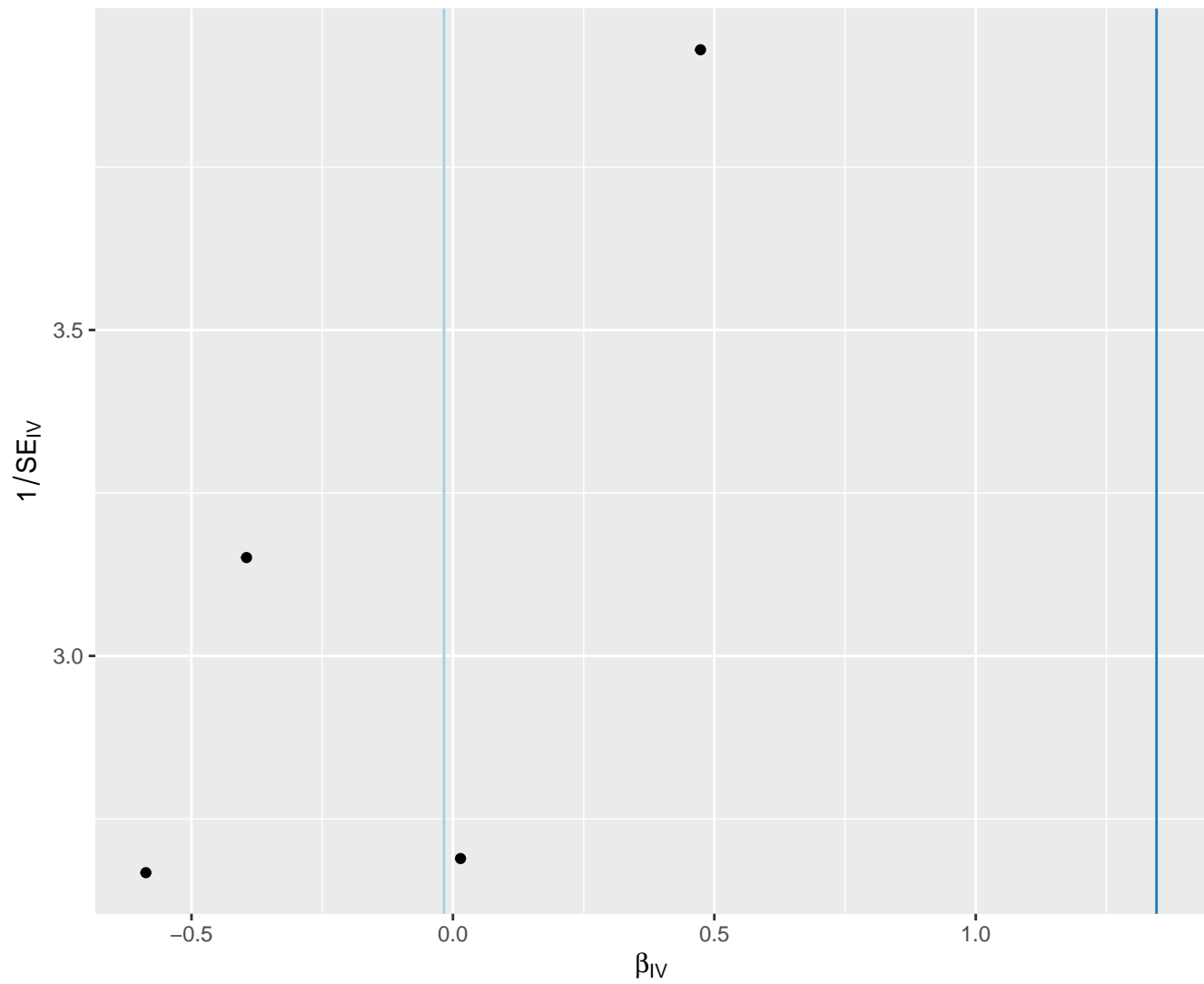
# Phospholipids in small VLDL



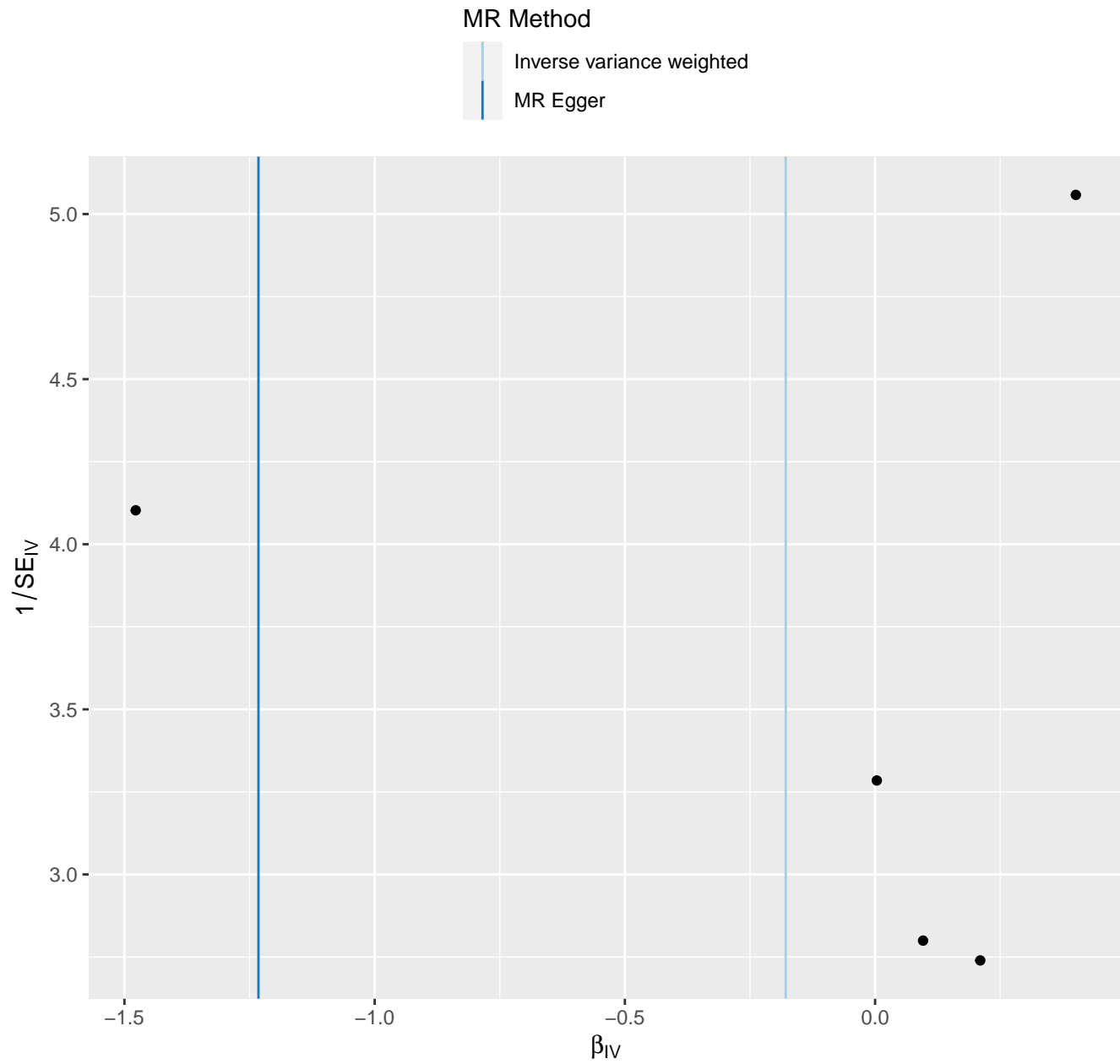
# Phospholipids in very large HDL

MR Method

Inverse variance weighted  
MR Egger

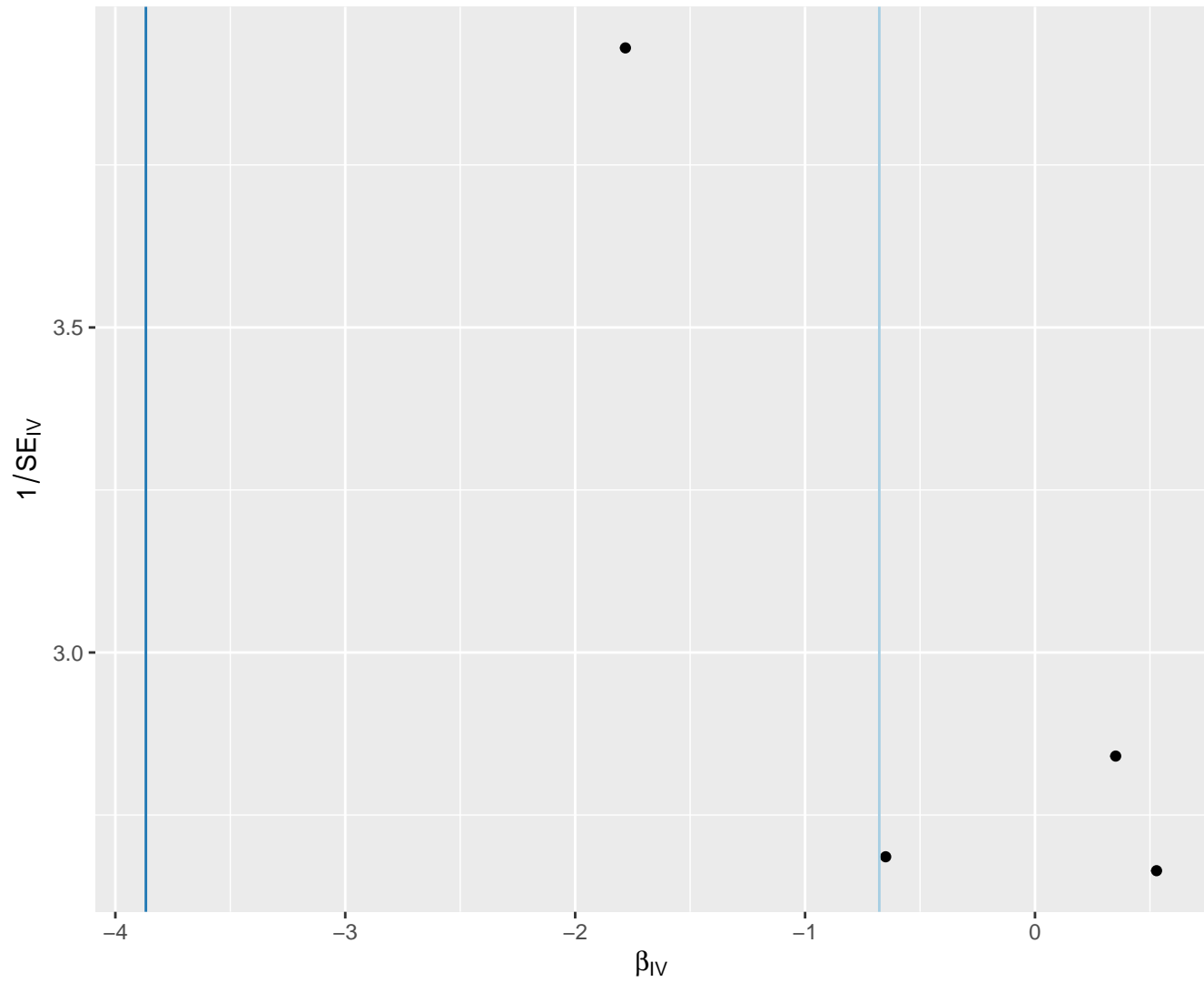


# Phospholipids in very large VLDL



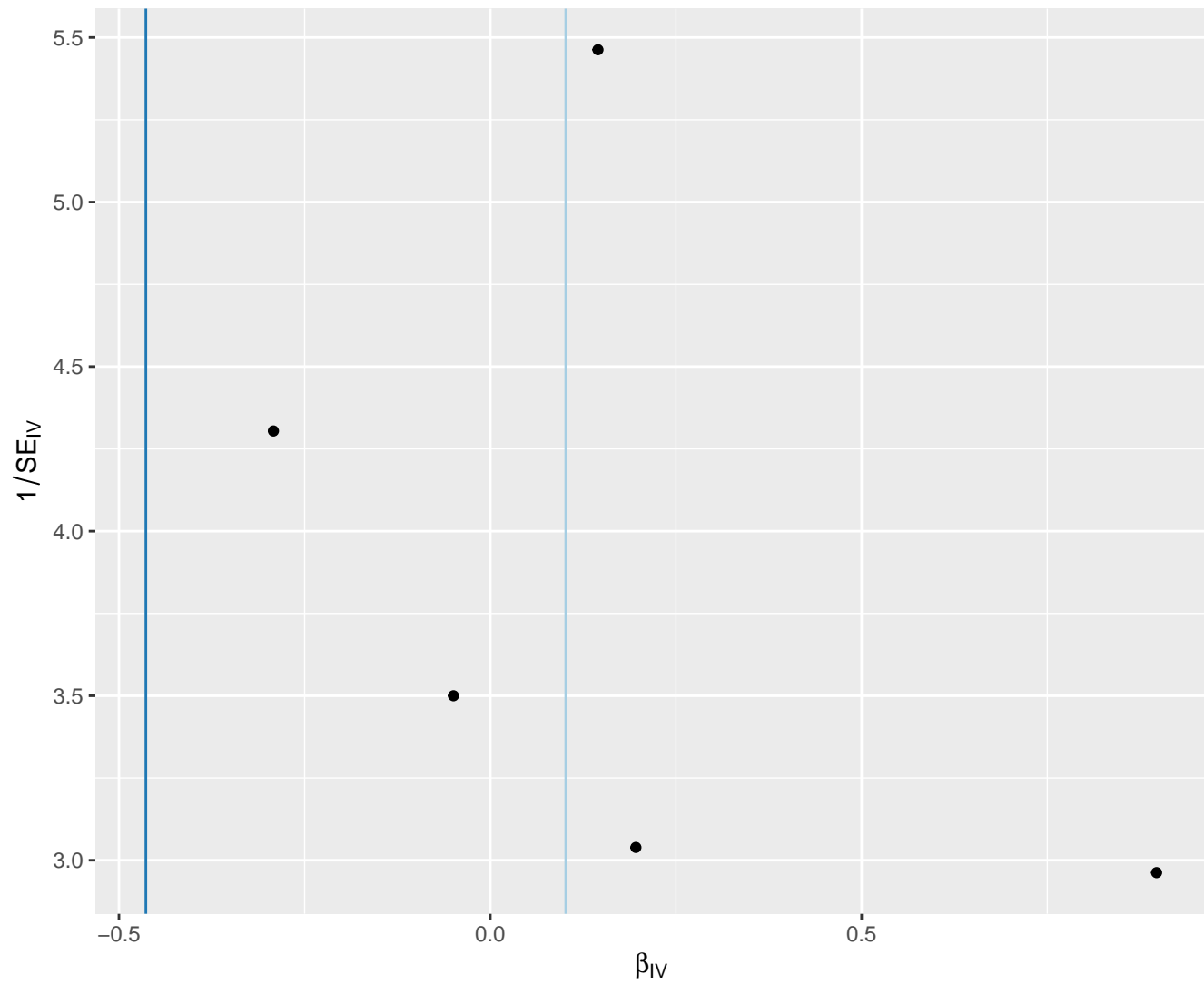
# Phospholipids in very small VLDL

MR Method



# Pyruvate

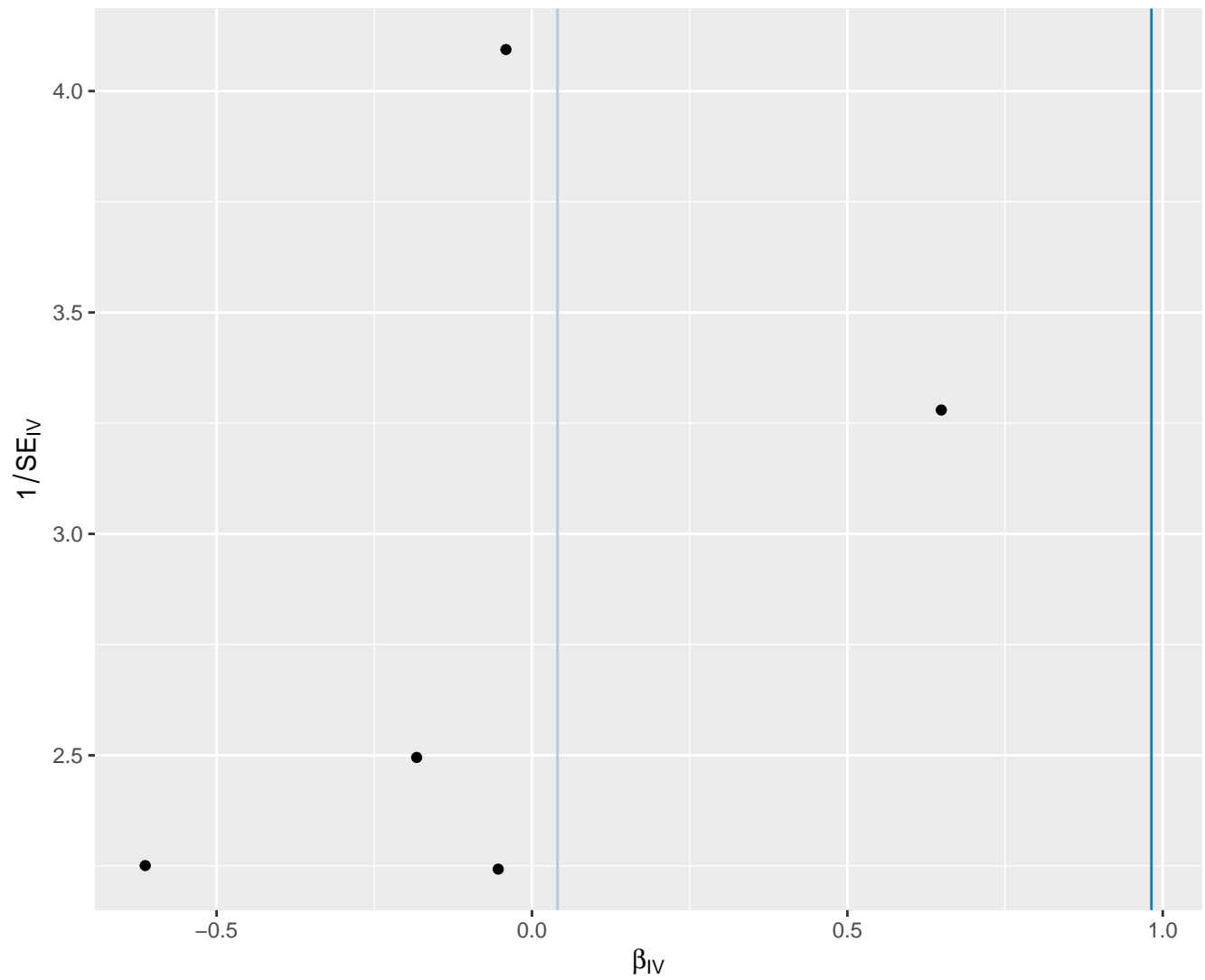
## MR Method



# Ratio of bisallylic groups to double bonds

MR Method

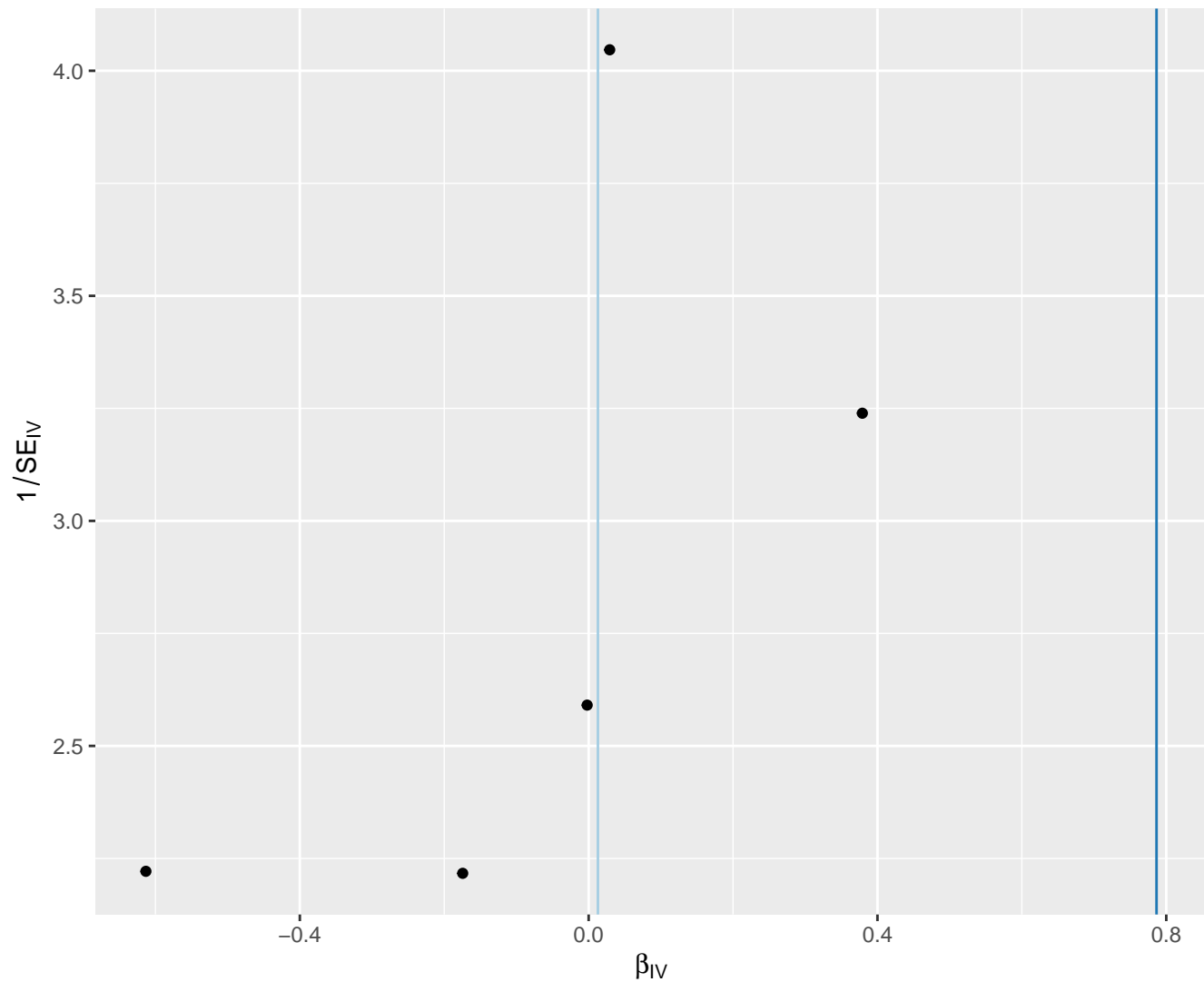
Inverse variance weighted  
MR Egger



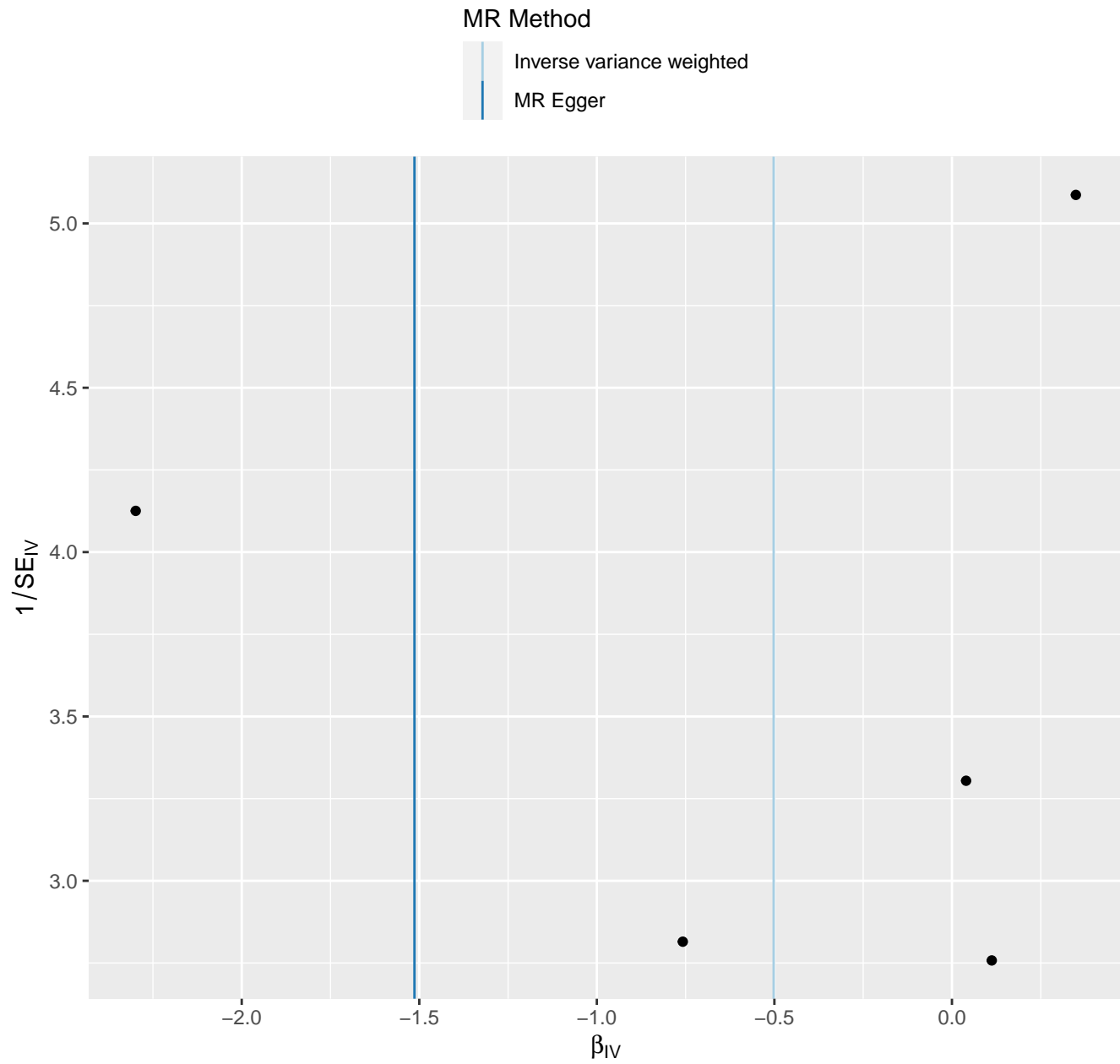
# Ratio of bisallylic groups to total fatty acids

MR Method

Inverse variance weighted  
MR Egger



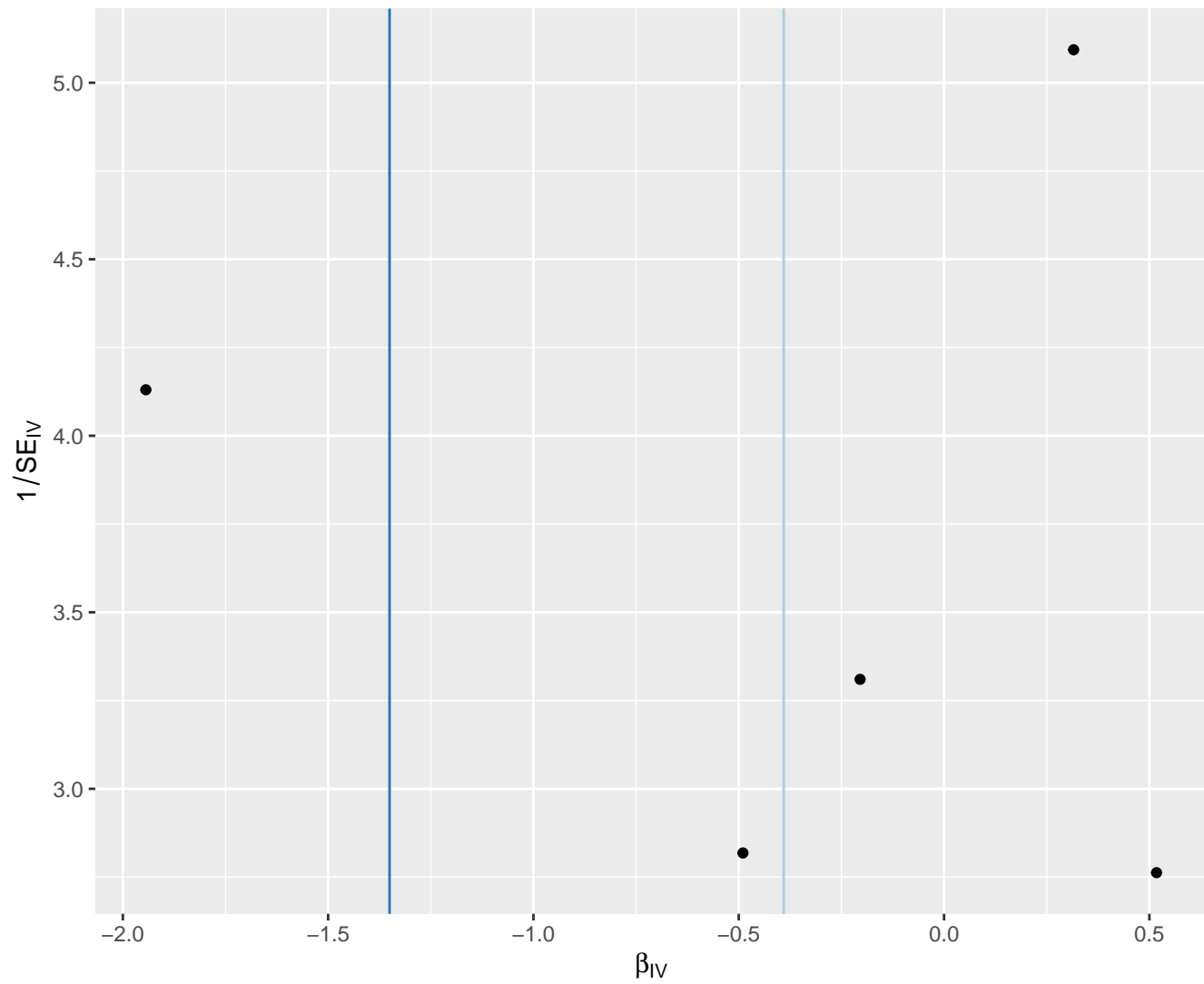
# Serum total cholesterol





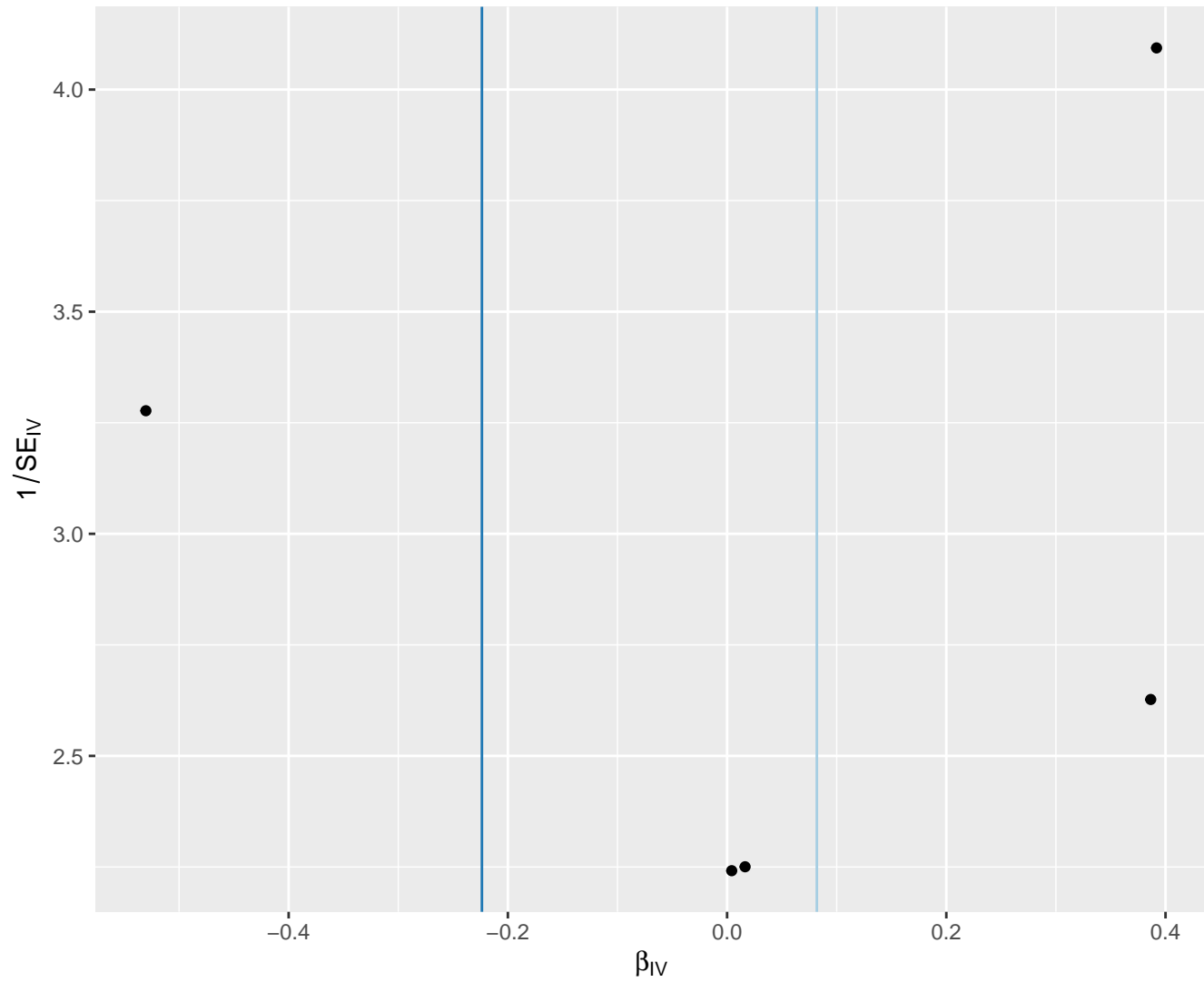
# Serum total triglycerides

MR Method

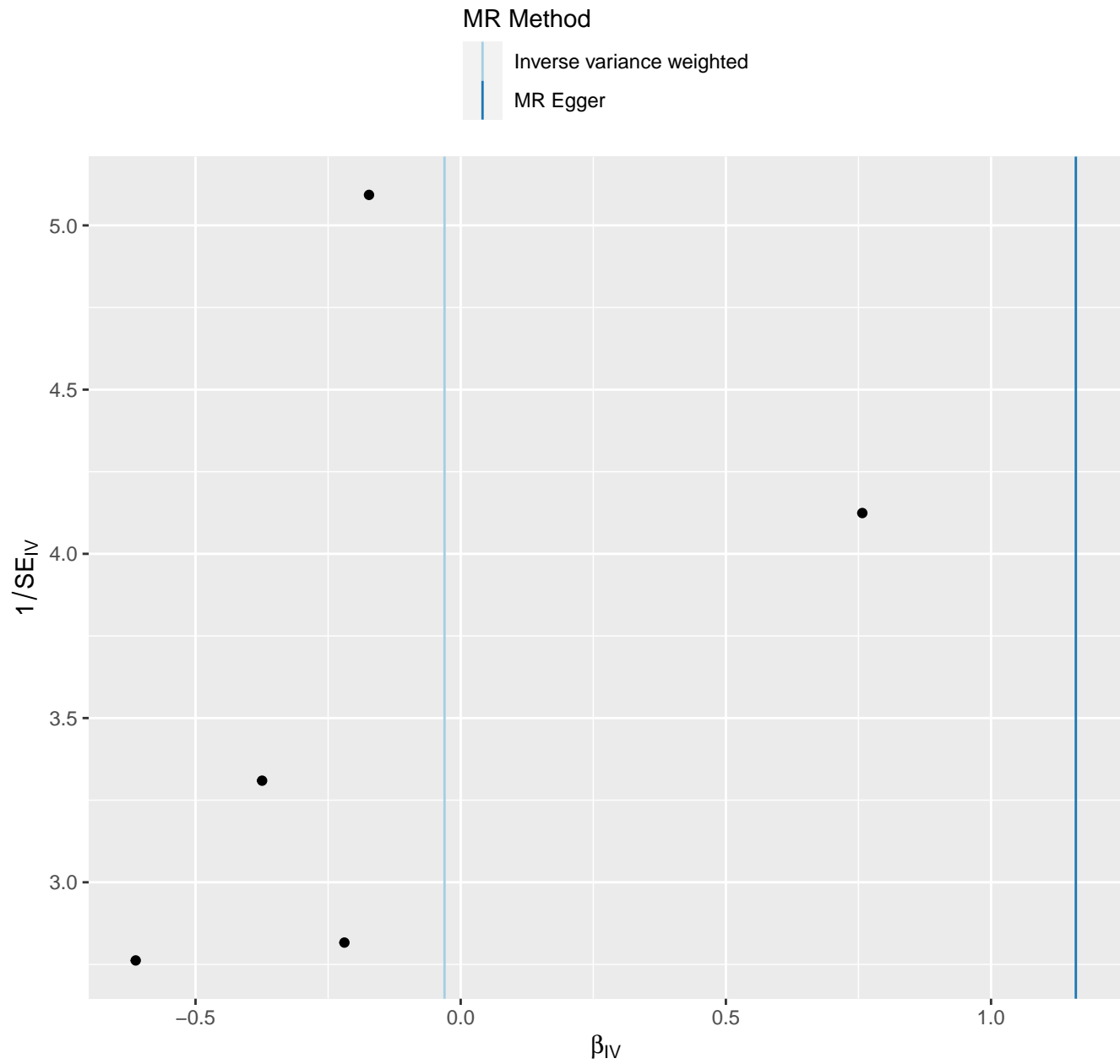


# Sphingomyelins

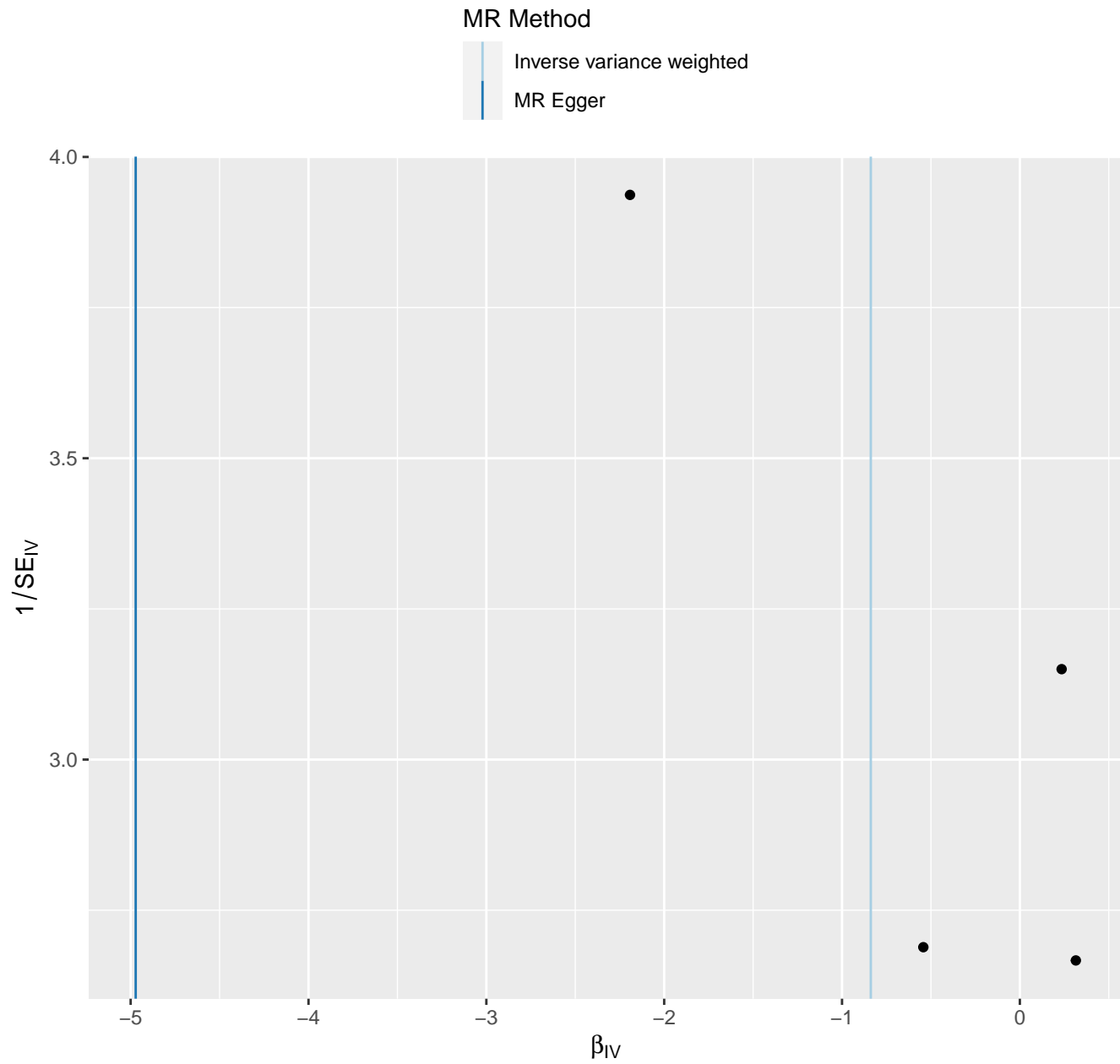
MR Method



# Total cholesterol in HDL



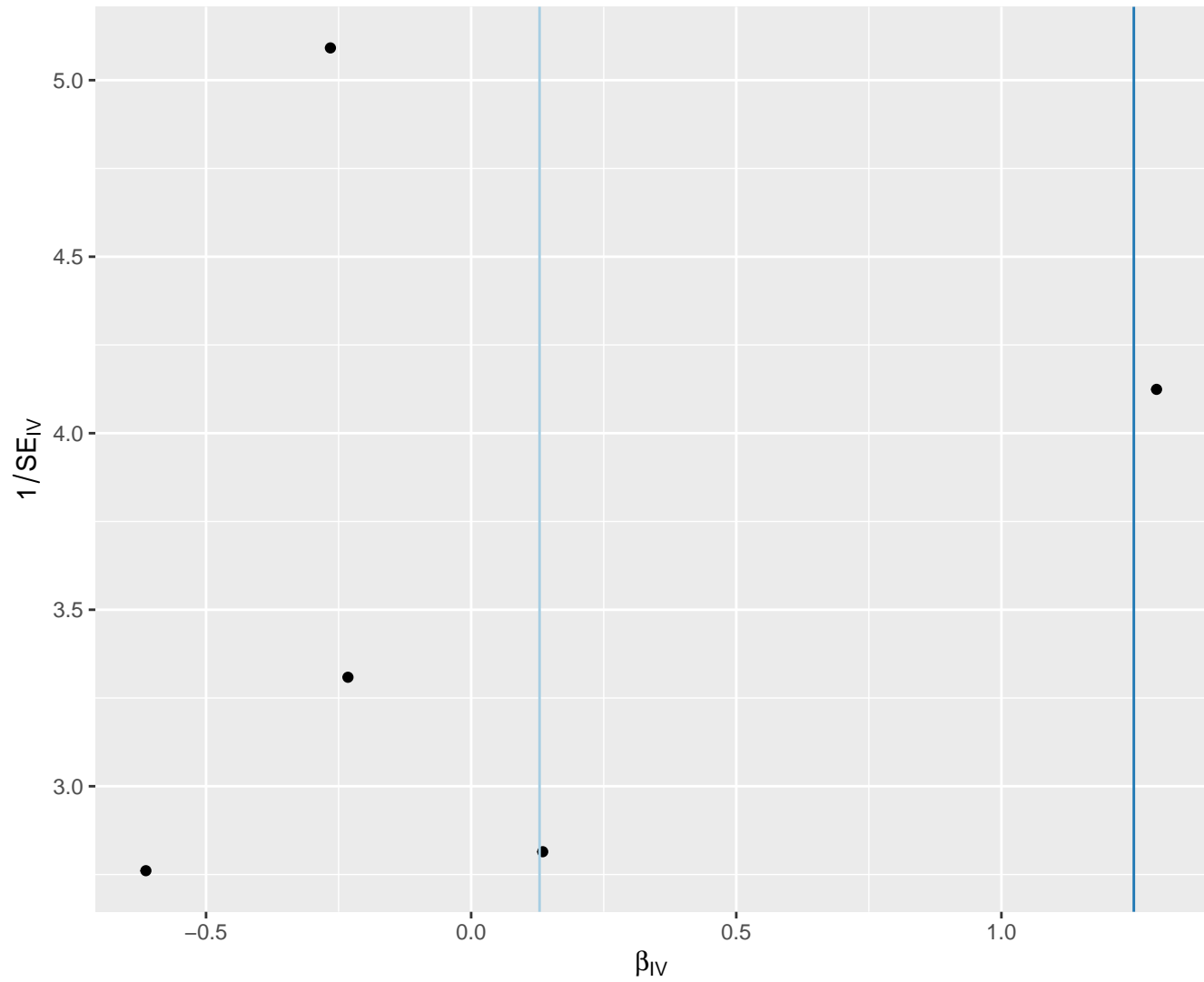
# Total cholesterol in IDL



# Total cholesterol in large HDL

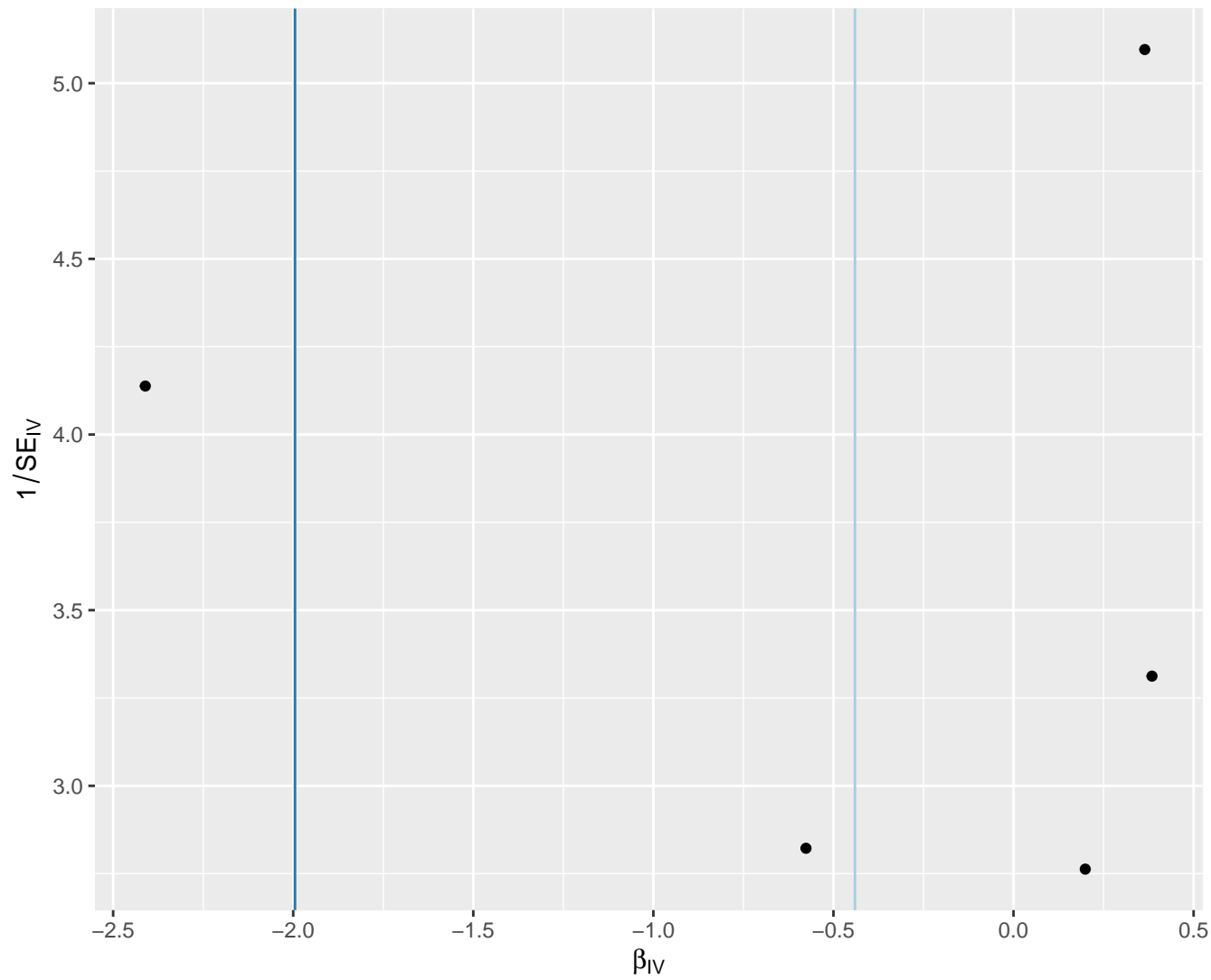
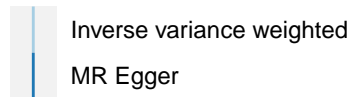
MR Method

Inverse variance weighted  
MR Egger



# Total cholesterol in large LDL

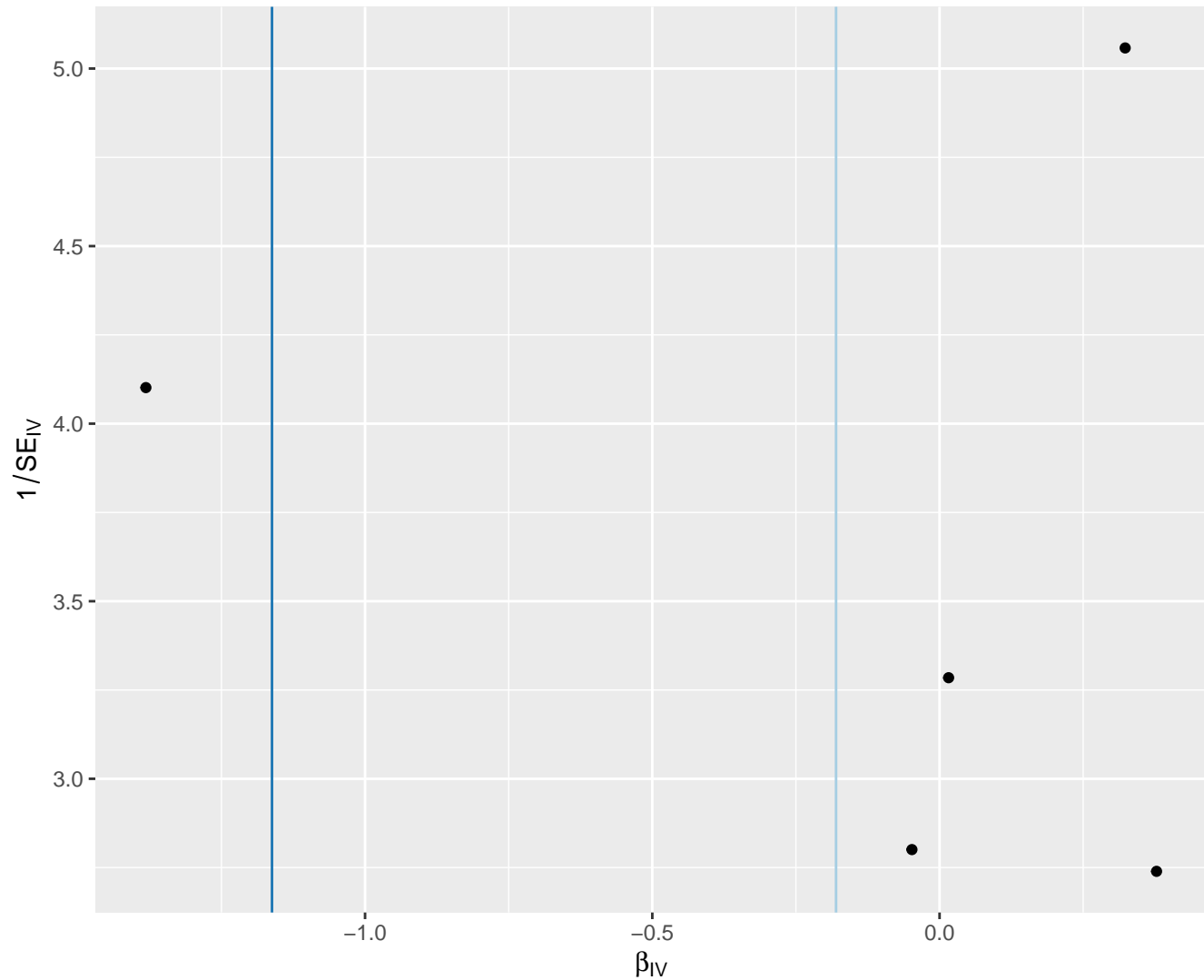
MR Method



# Total cholesterol in large VLDL

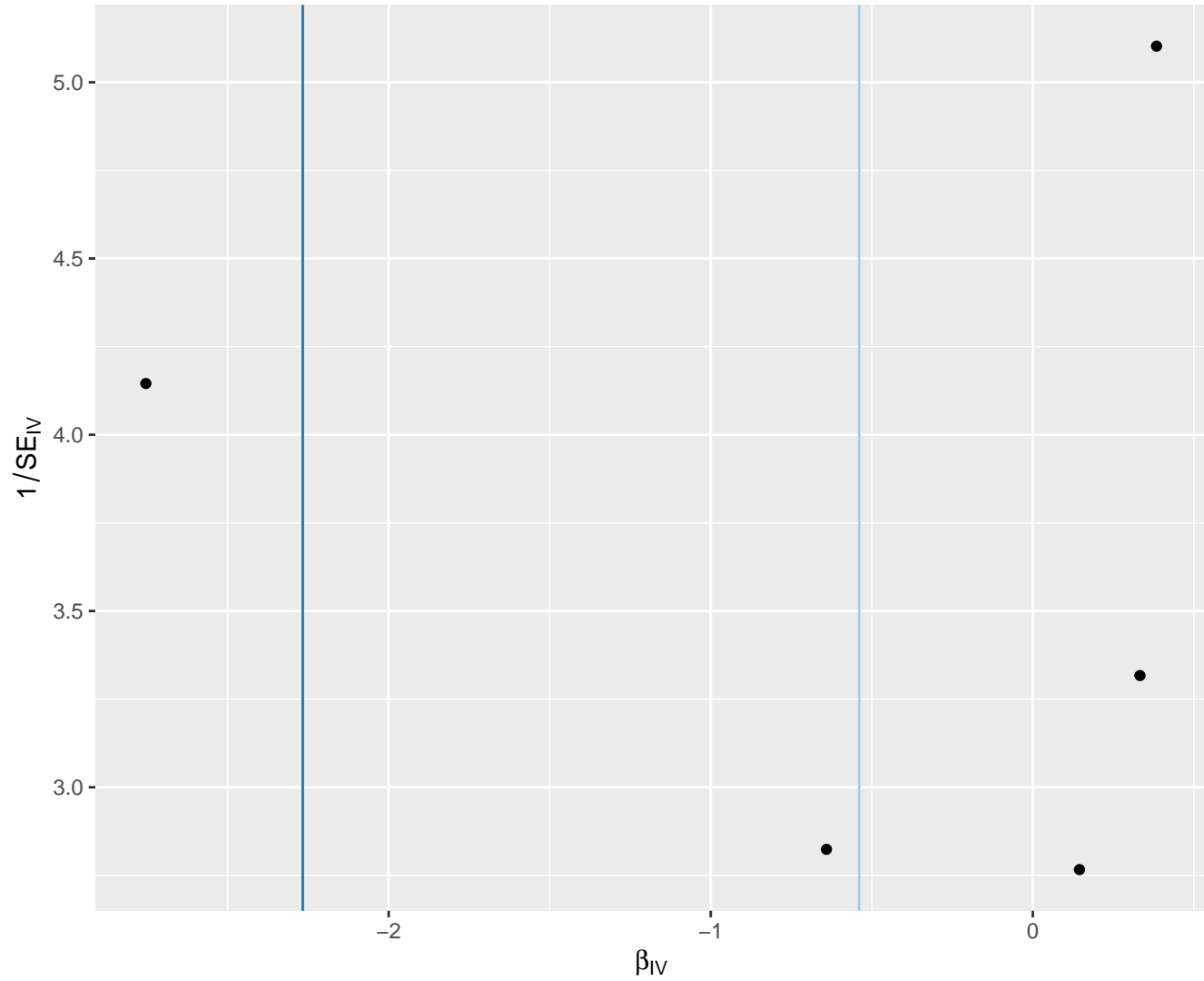
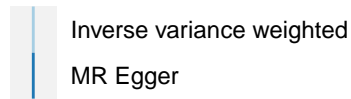
MR Method

Inverse variance weighted  
MR Egger



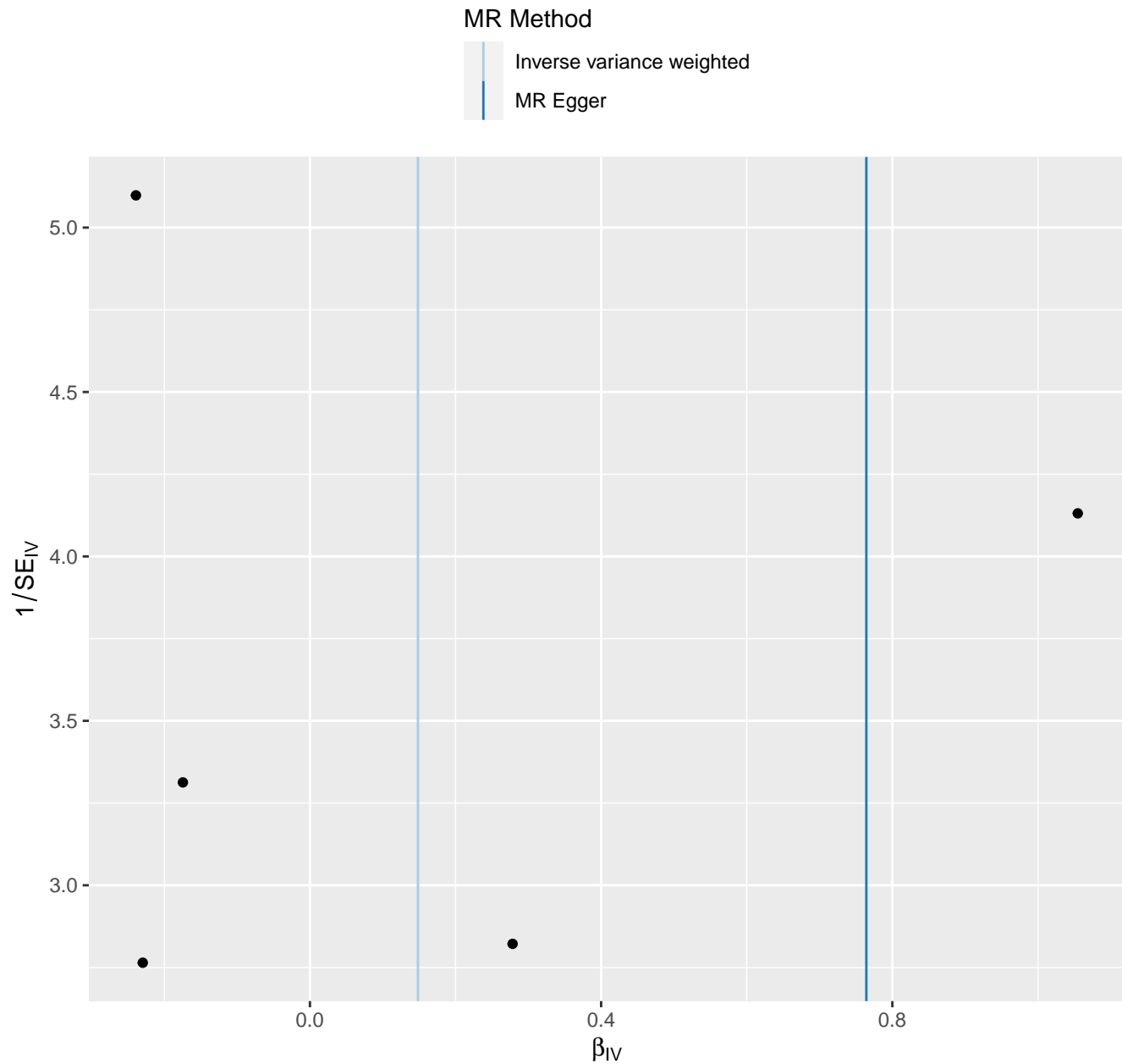
# Total cholesterol in LDL

MR Method



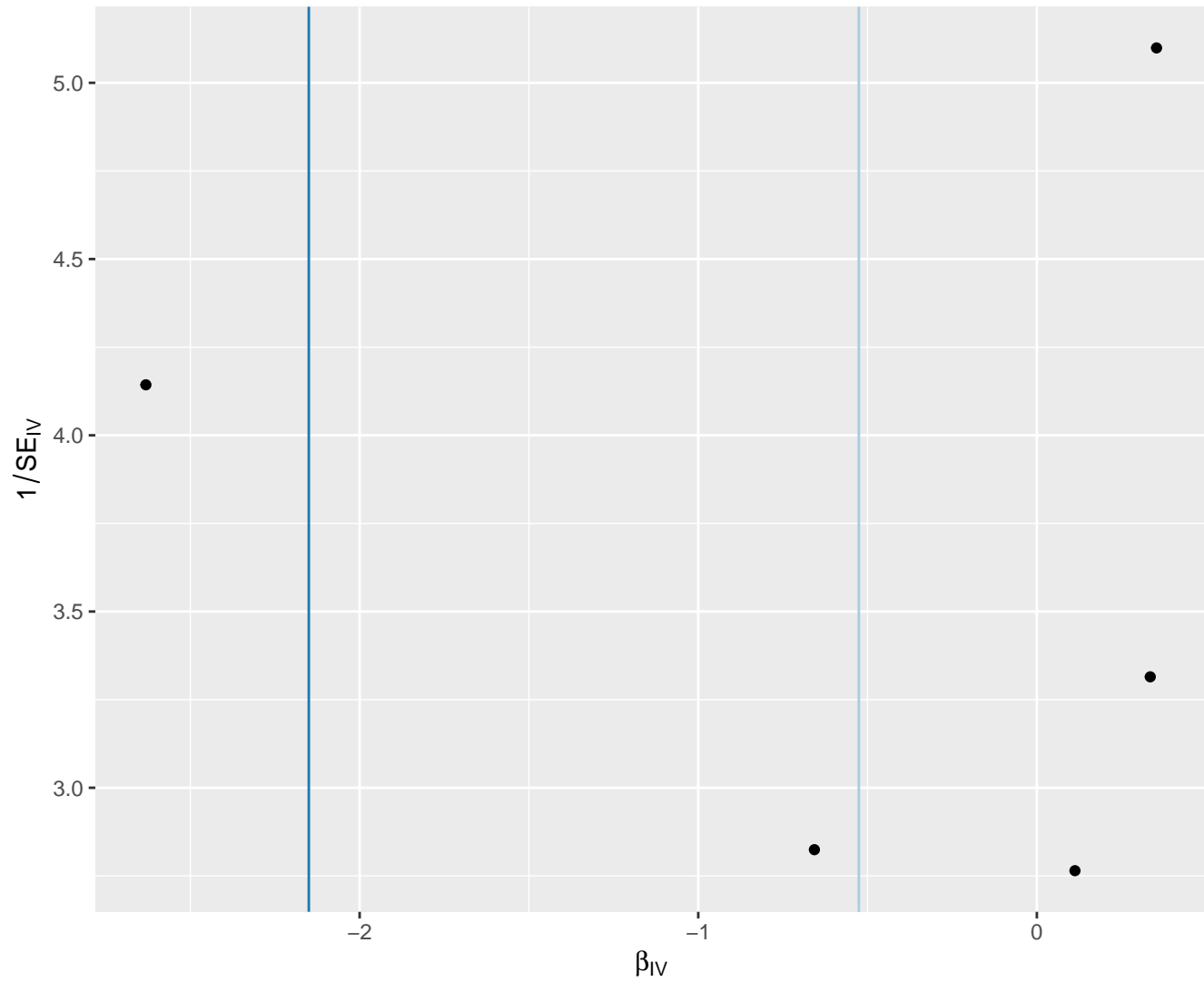


# Total cholesterol in medium HDL



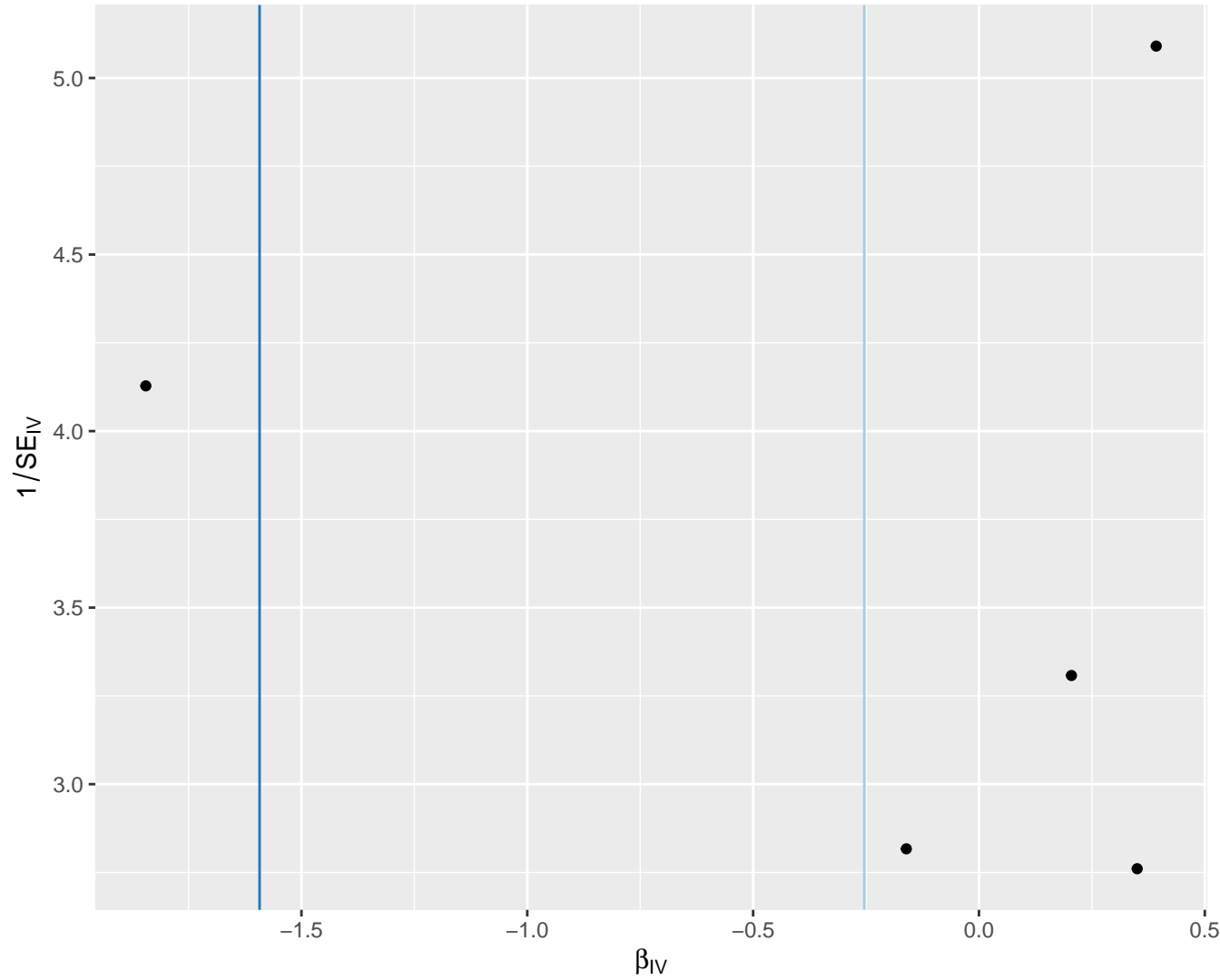
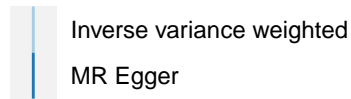
# Total cholesterol in medium LDL

MR Method

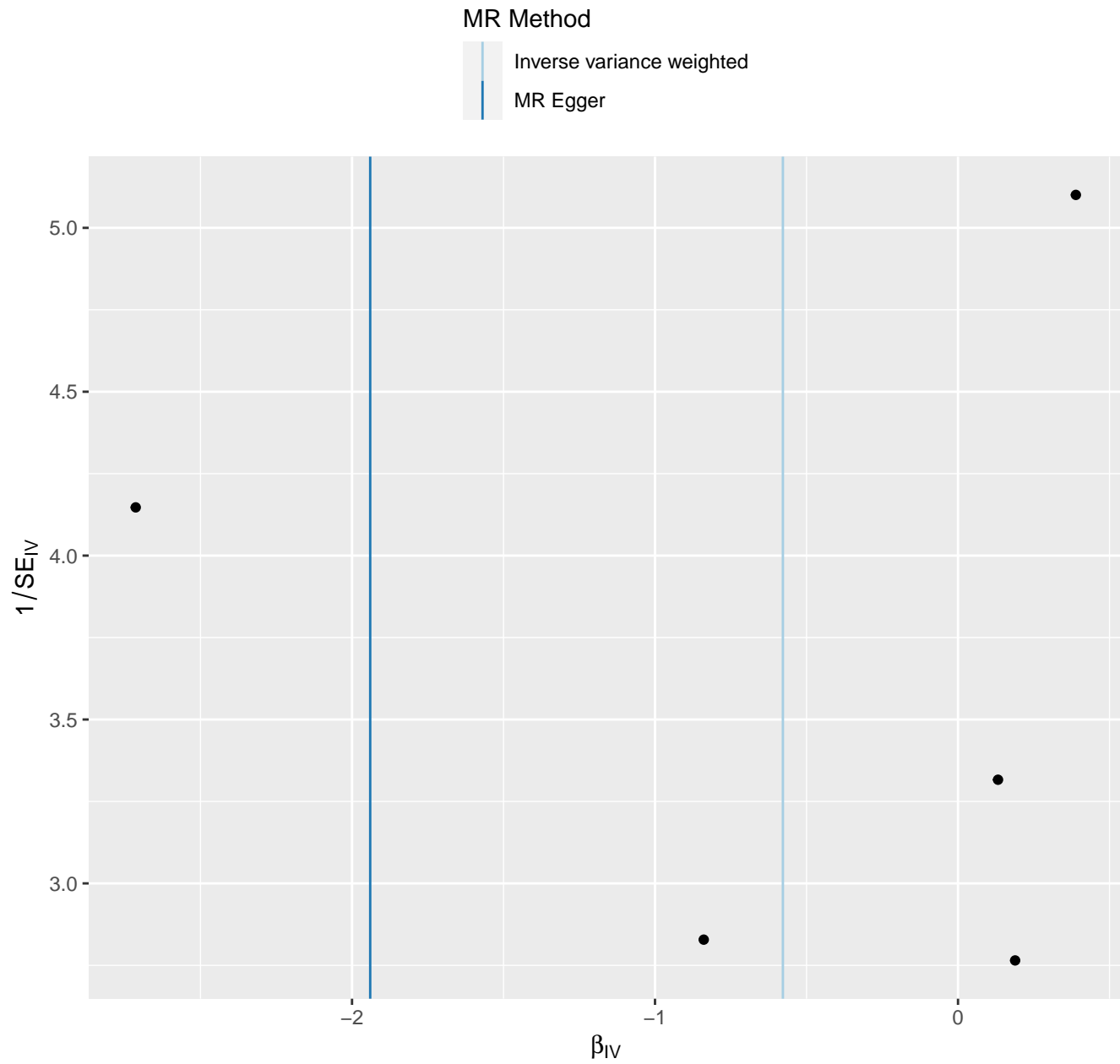


# Total cholesterol in medium VLDL

MR Method

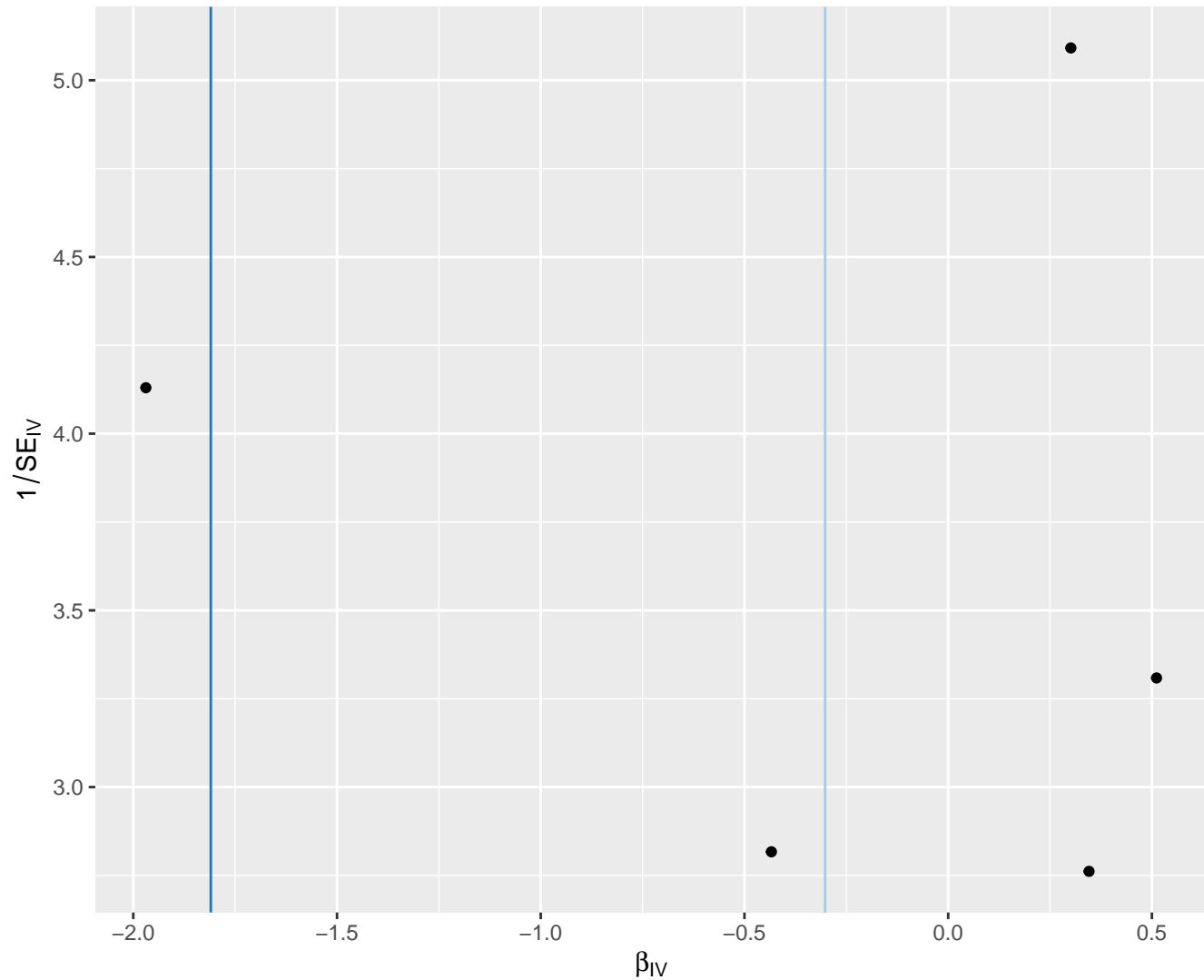


# Total cholesterol in small LDL

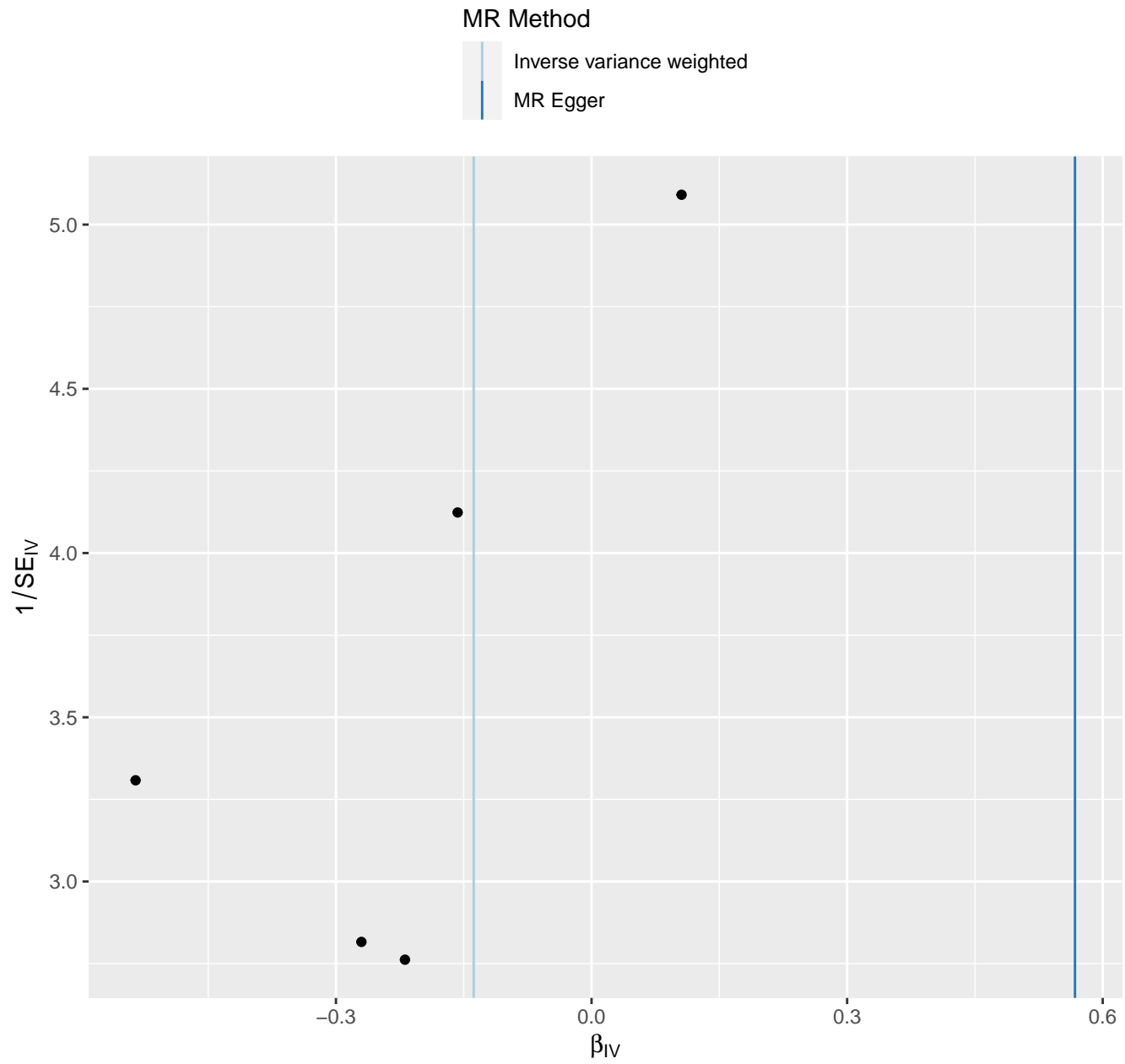


# Total cholesterol in small VLDL

MR Method



# Total cholesterol in very large HDL

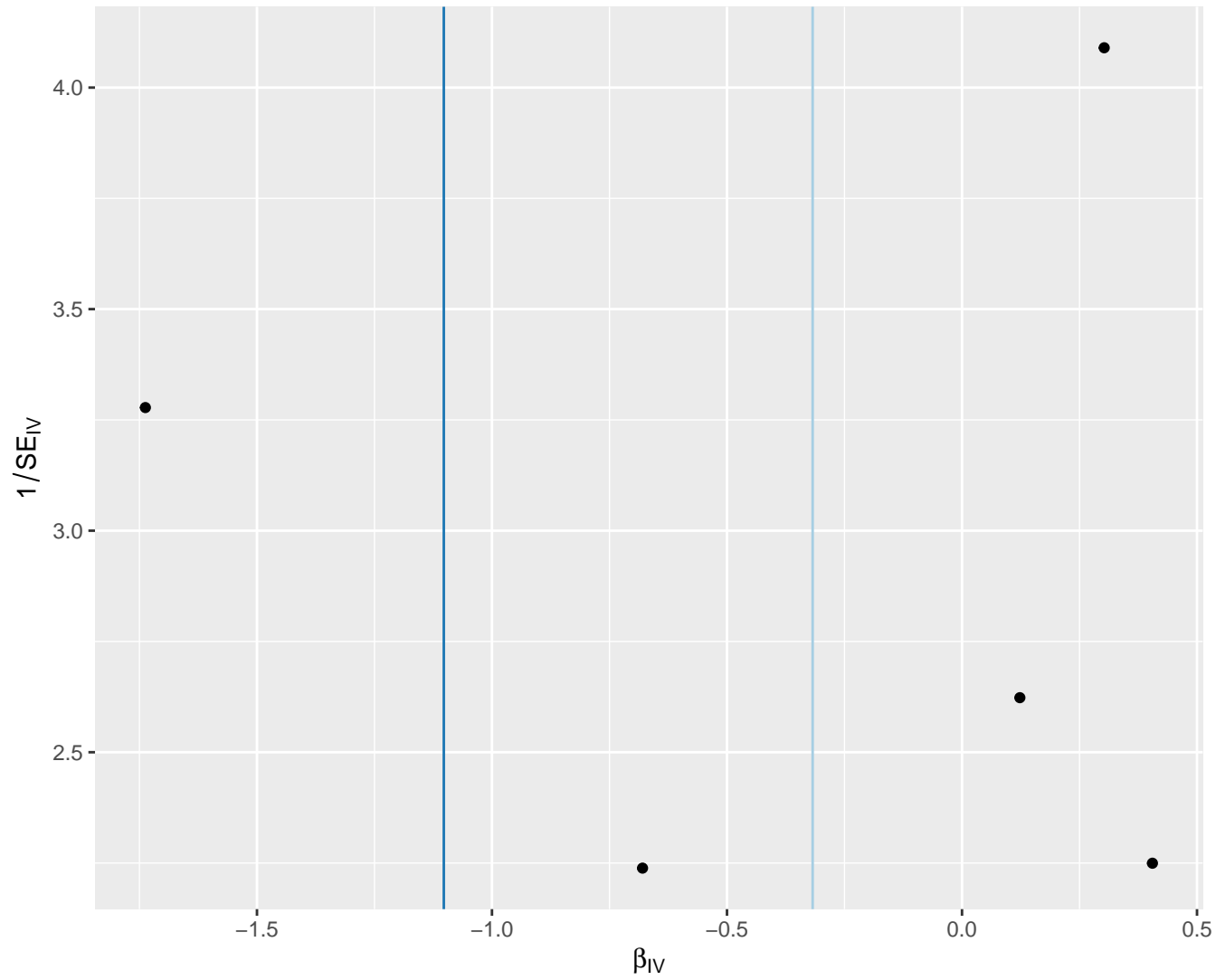


# Total fatty acids

MR Method

Inverse variance weighted

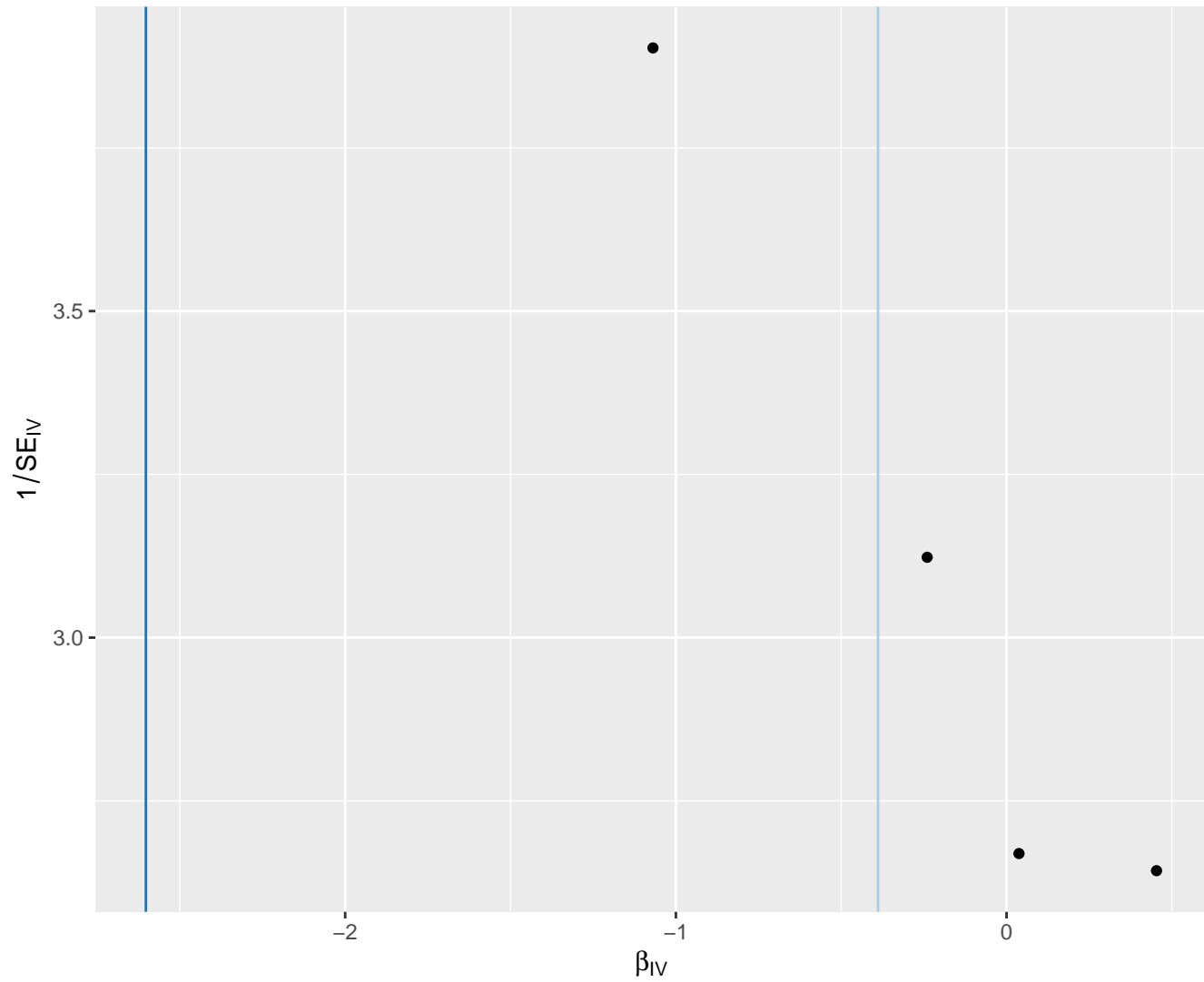
MR Egger



# Total lipids in chylomicrons and largest VLDL particles

MR Method

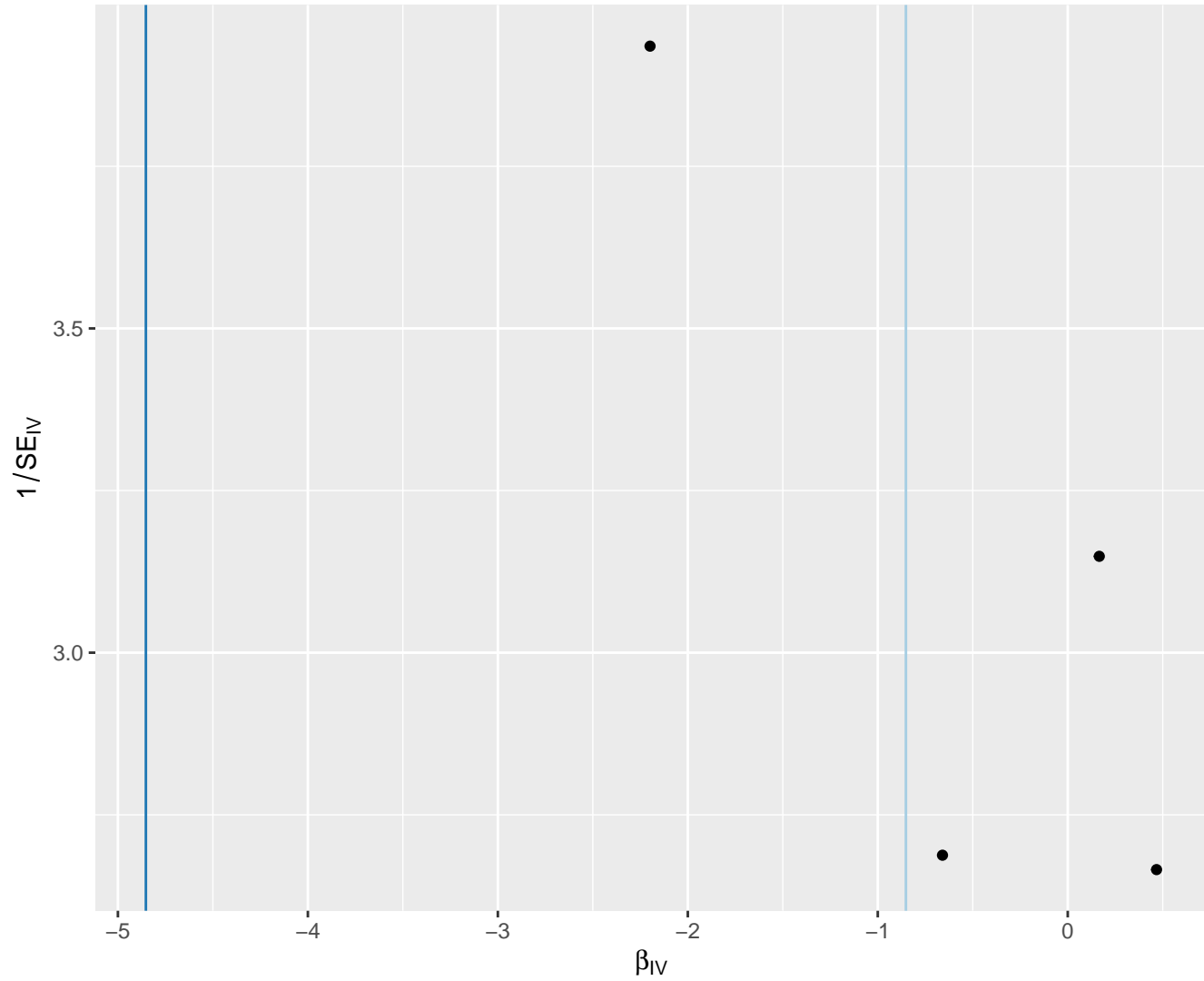
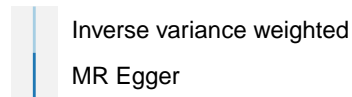
Inverse variance weighted  
MR Egger





# Total lipids in IDL

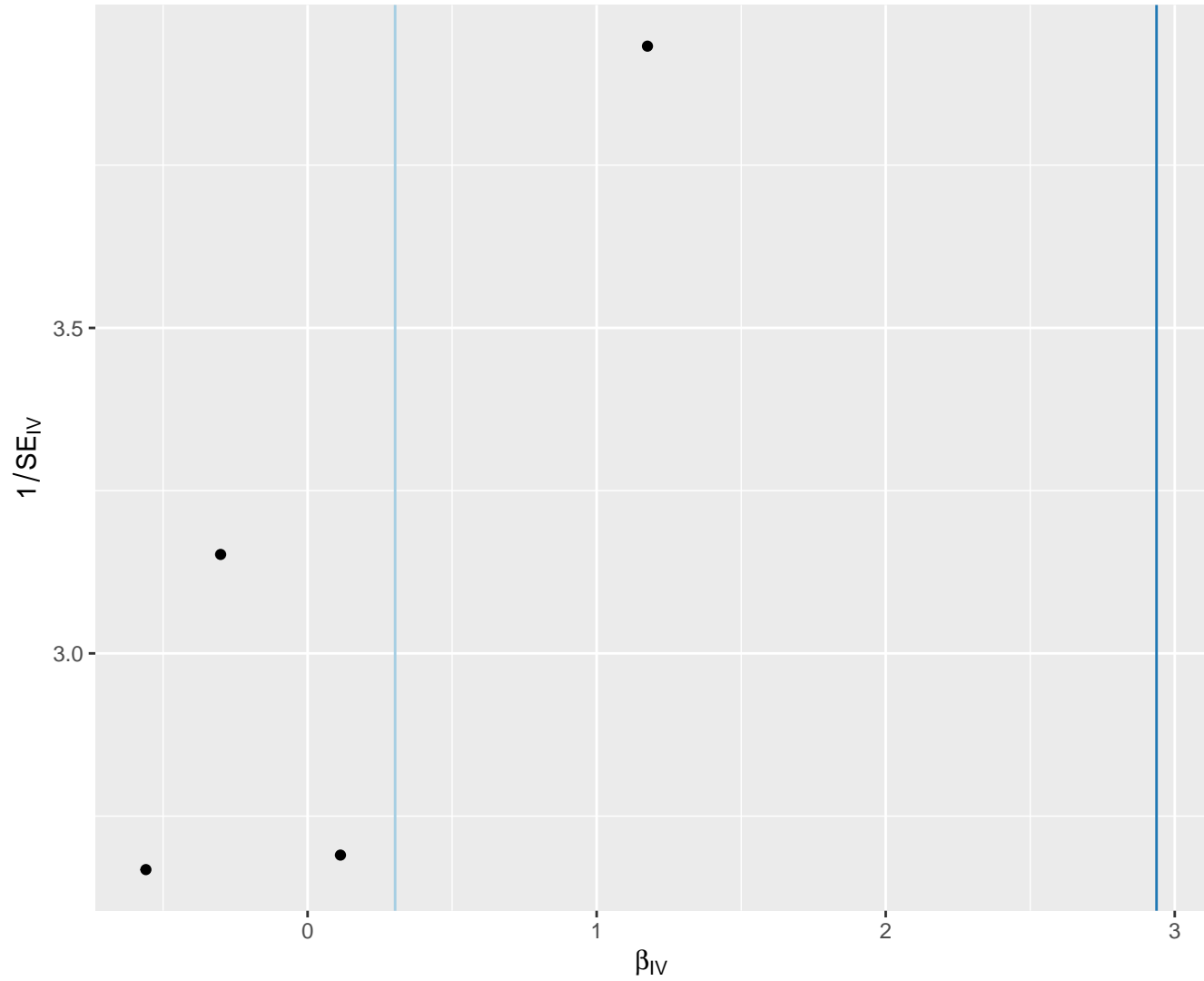
MR Method



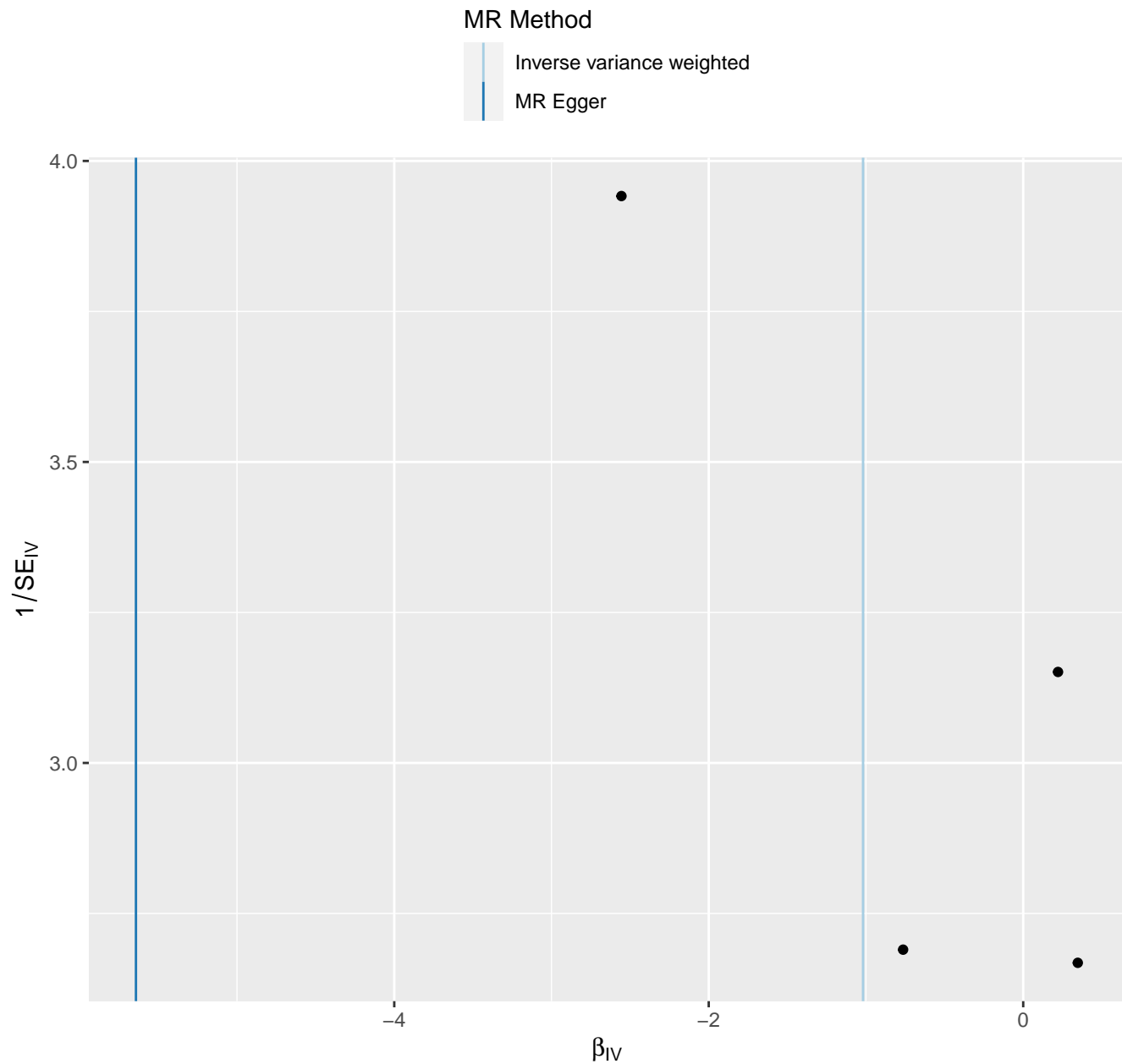
# Total lipids in large HDL

MR Method

Inverse variance weighted  
MR Egger



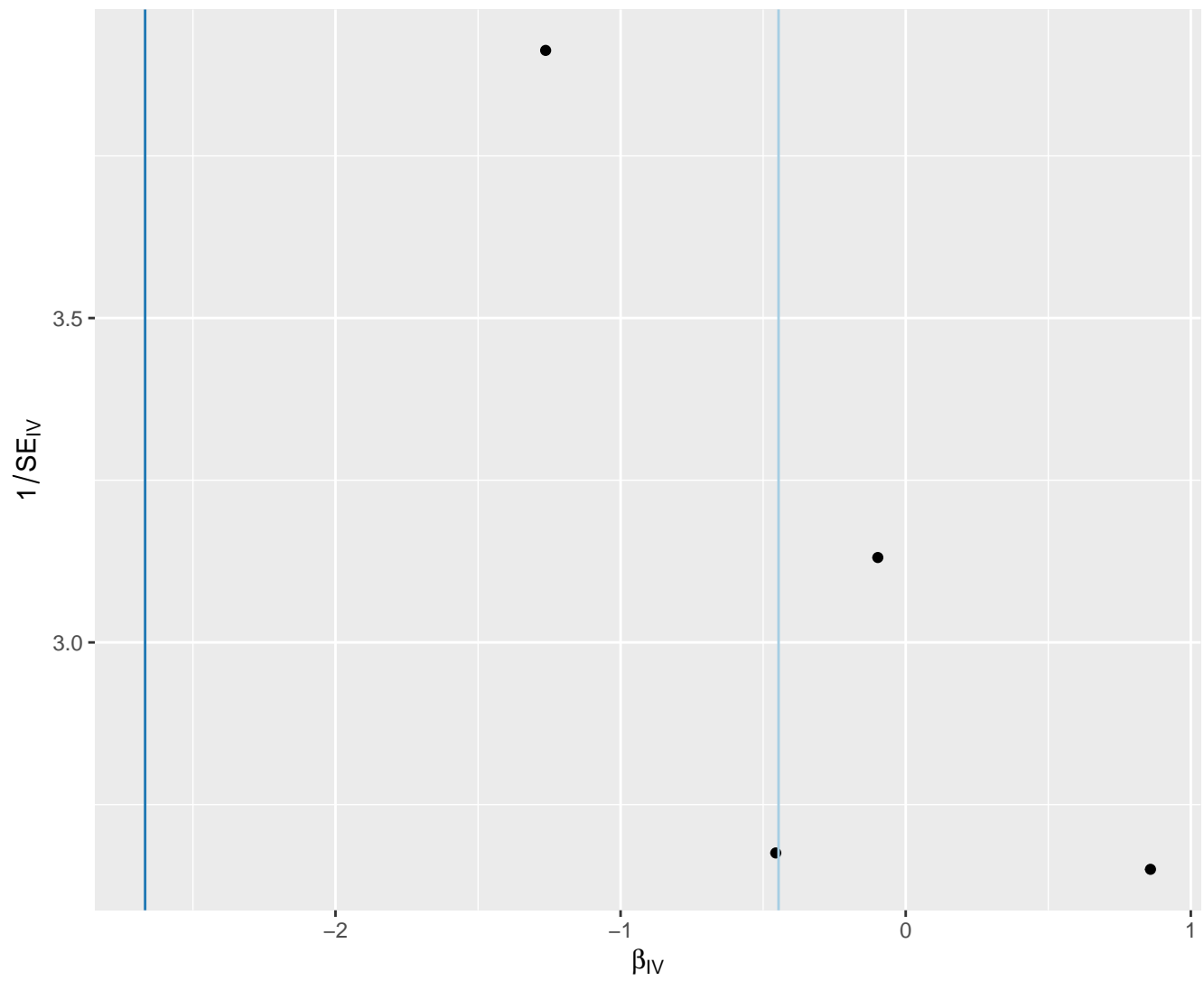
# Total lipids in large LDL



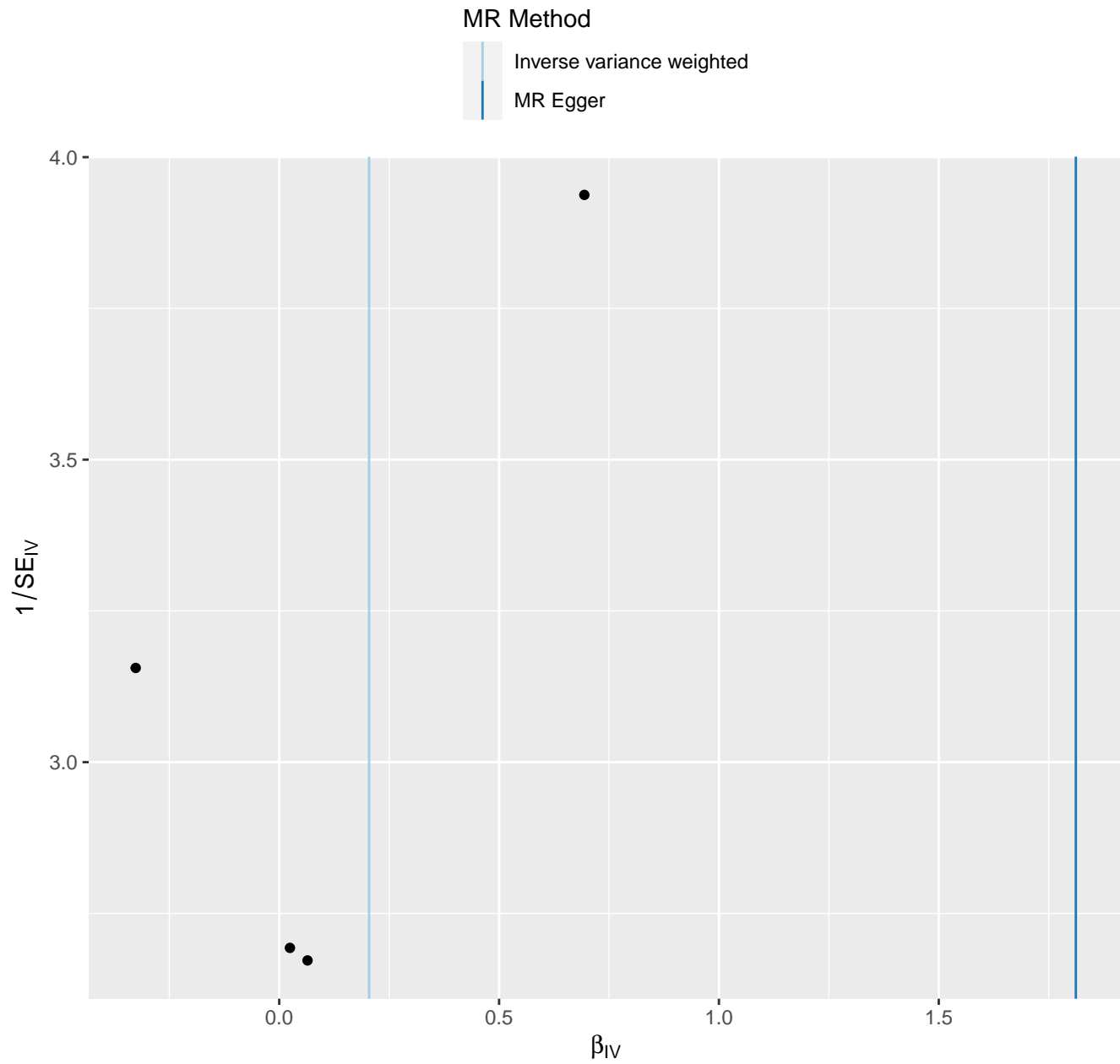
# Total lipids in large VLDL

MR Method

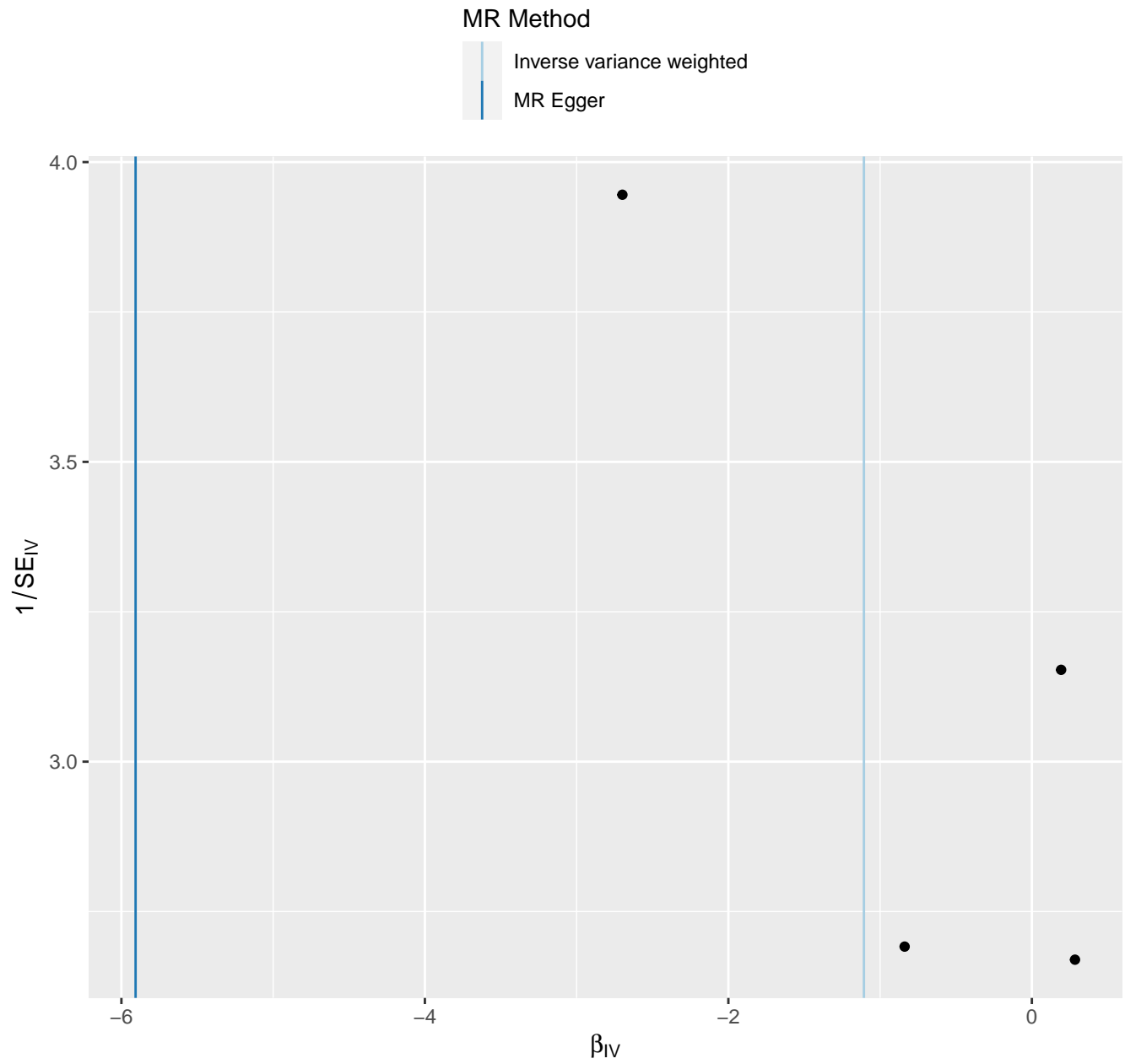
Inverse variance weighted  
MR Egger



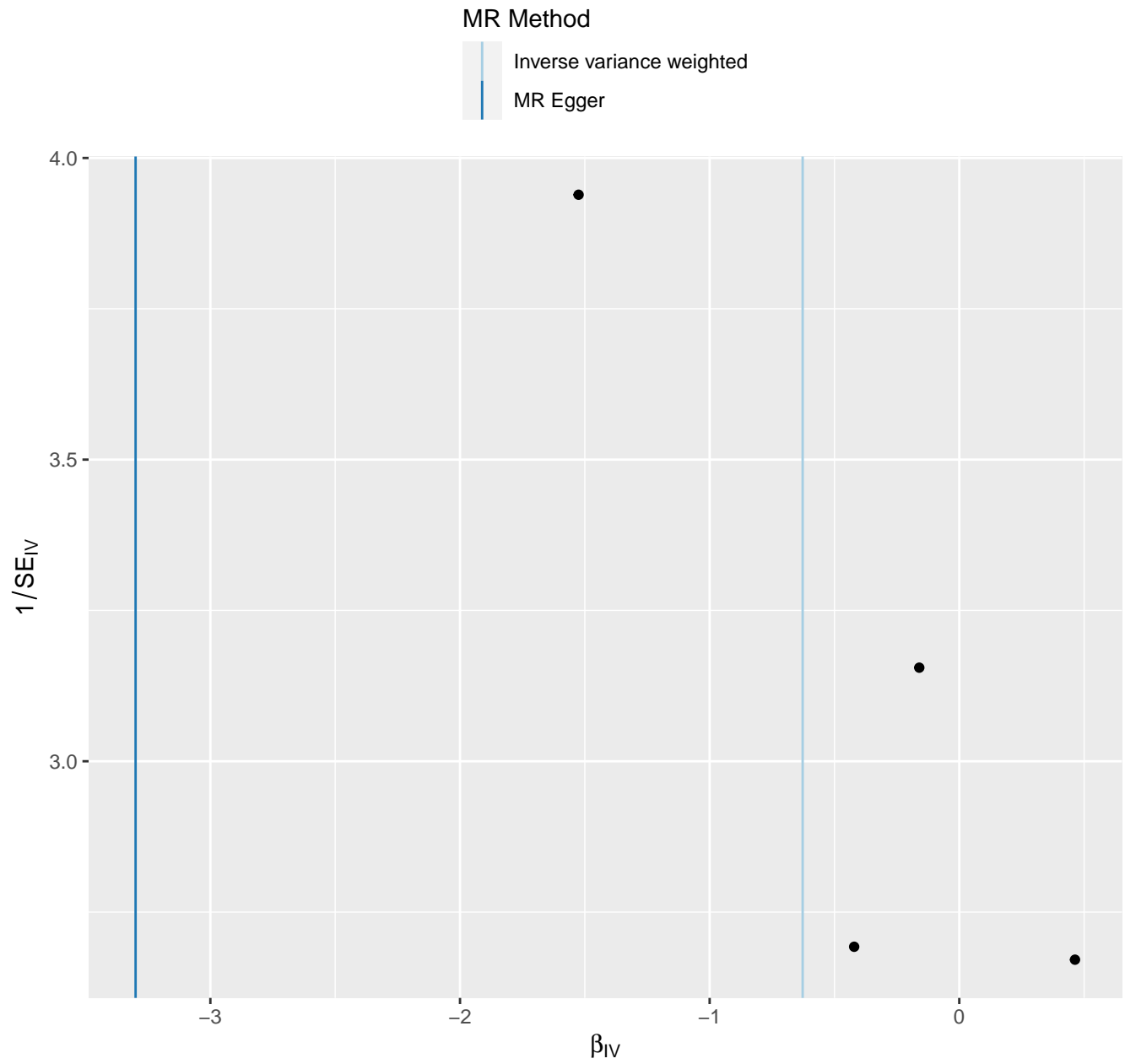
# Total lipids in medium HDL



# Total lipids in medium LDL

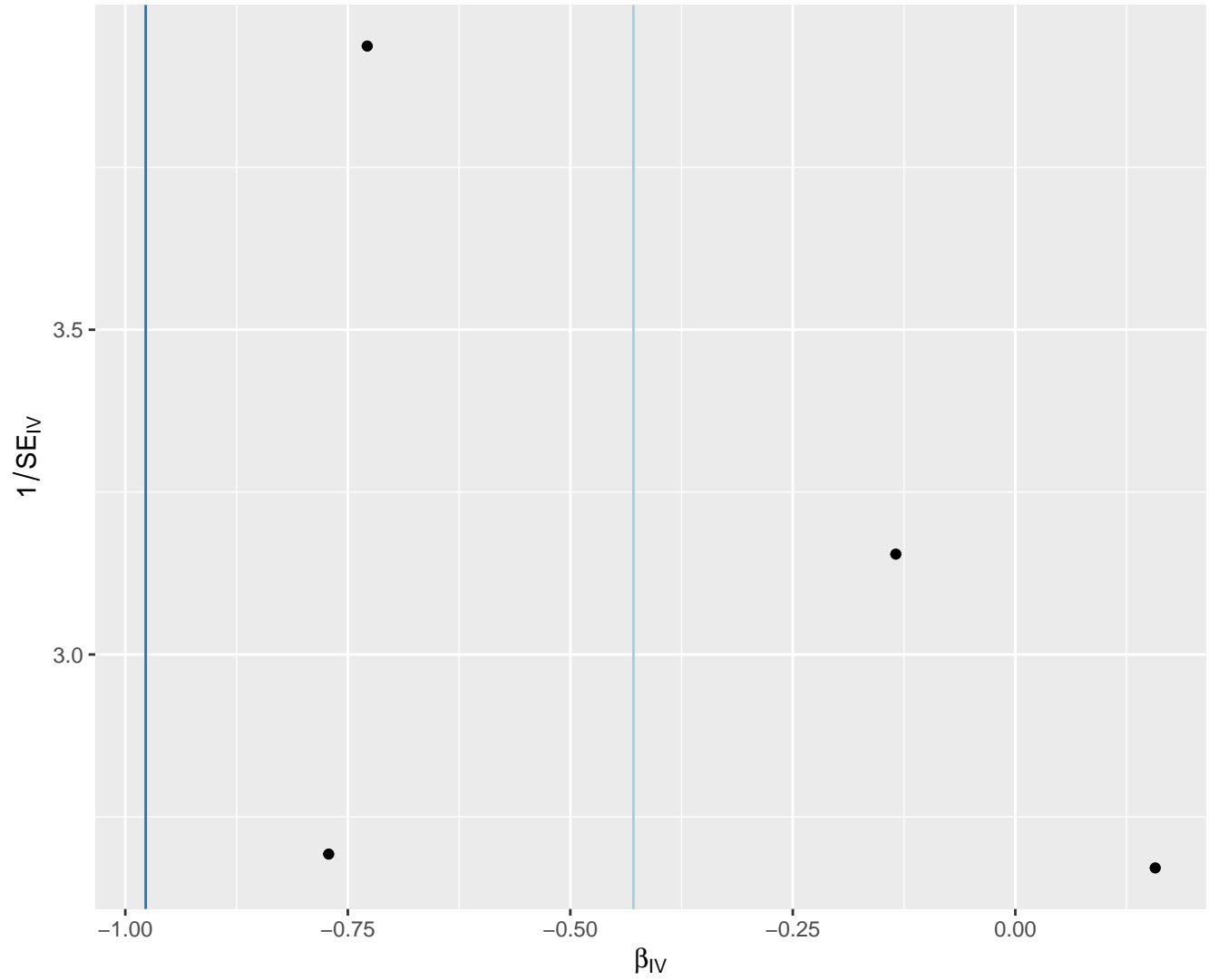
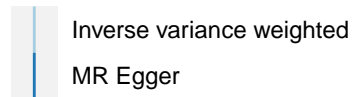


# Total lipids in medium VLDL



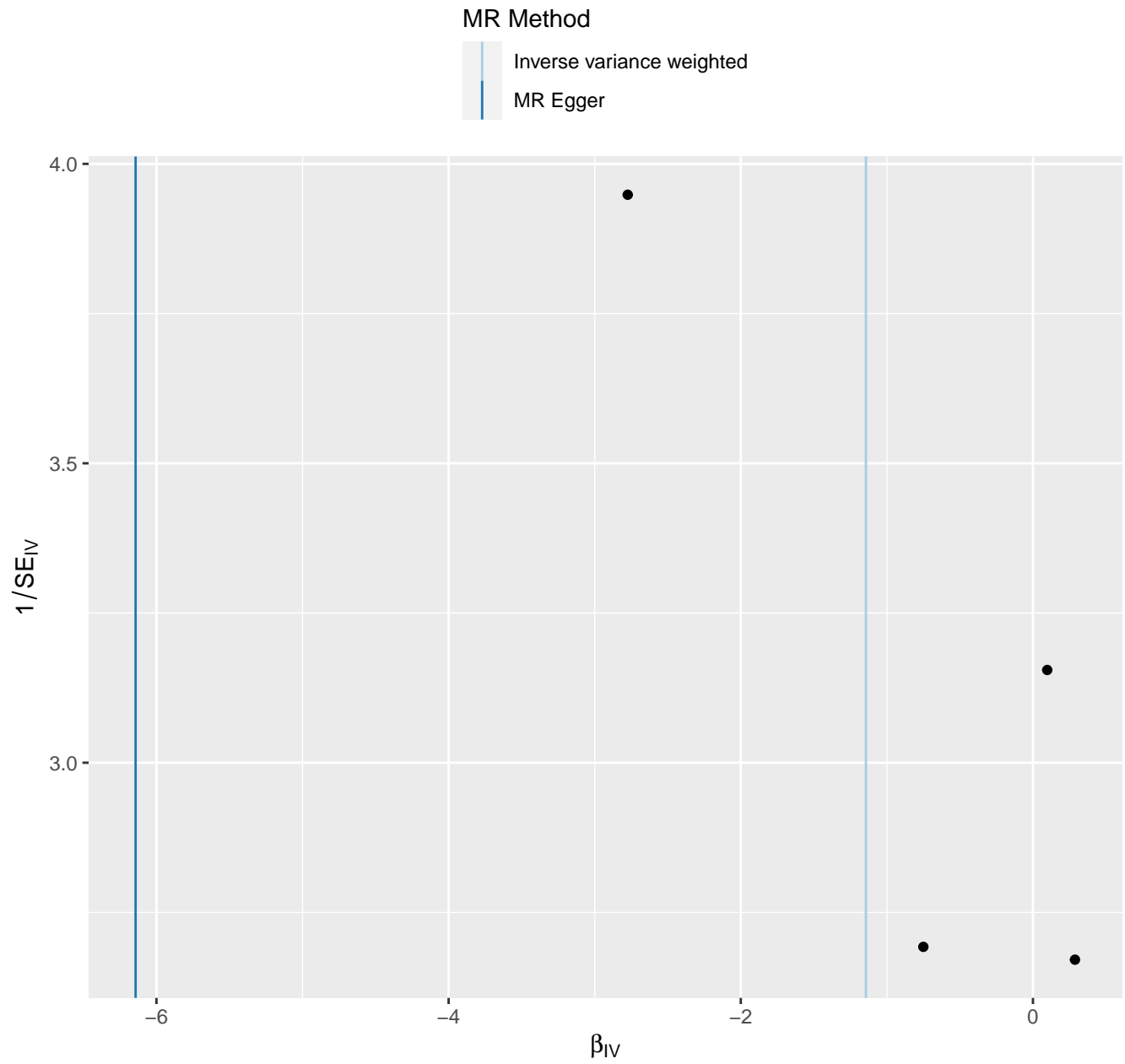
# Total lipids in small HDL

MR Method

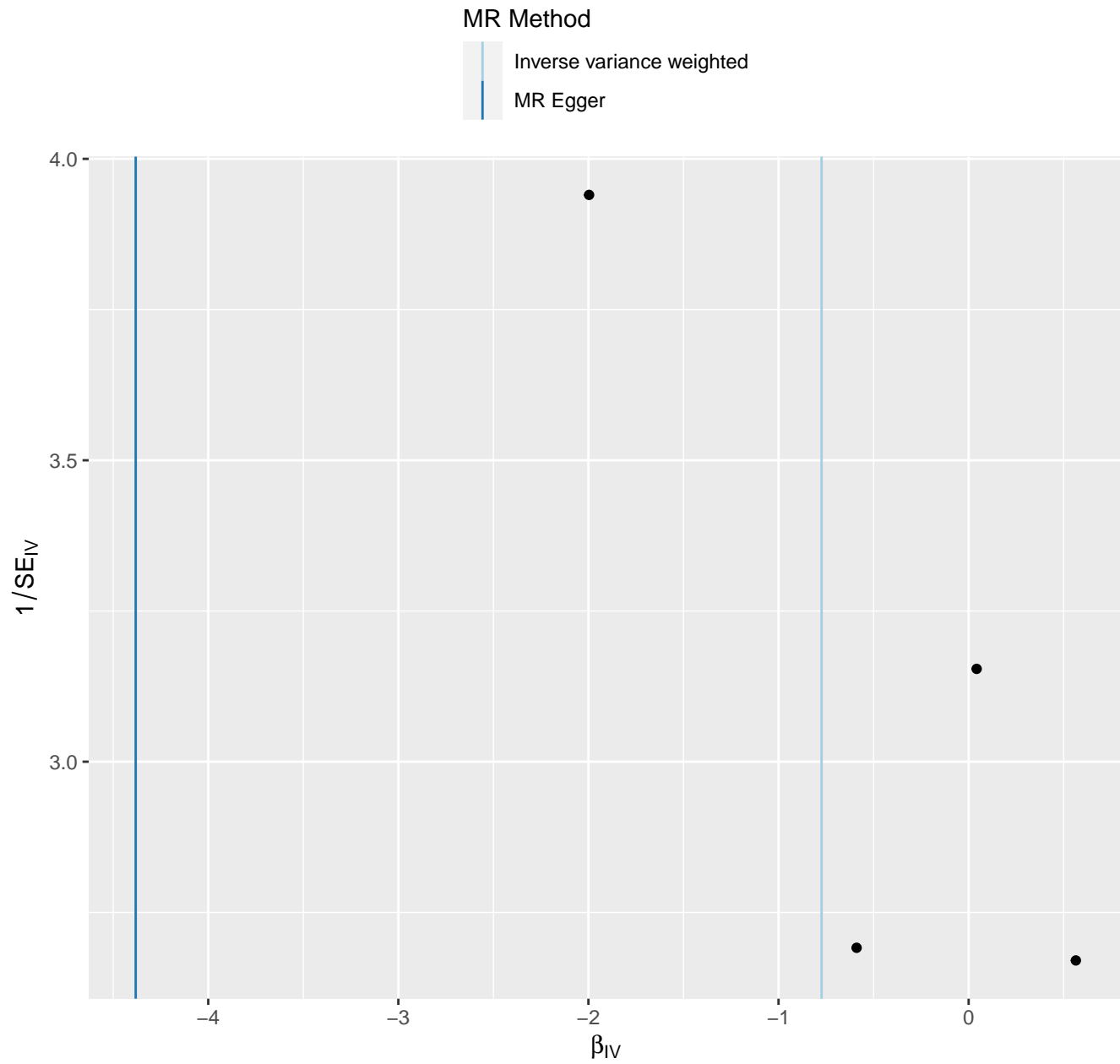




# Total lipids in small LDL



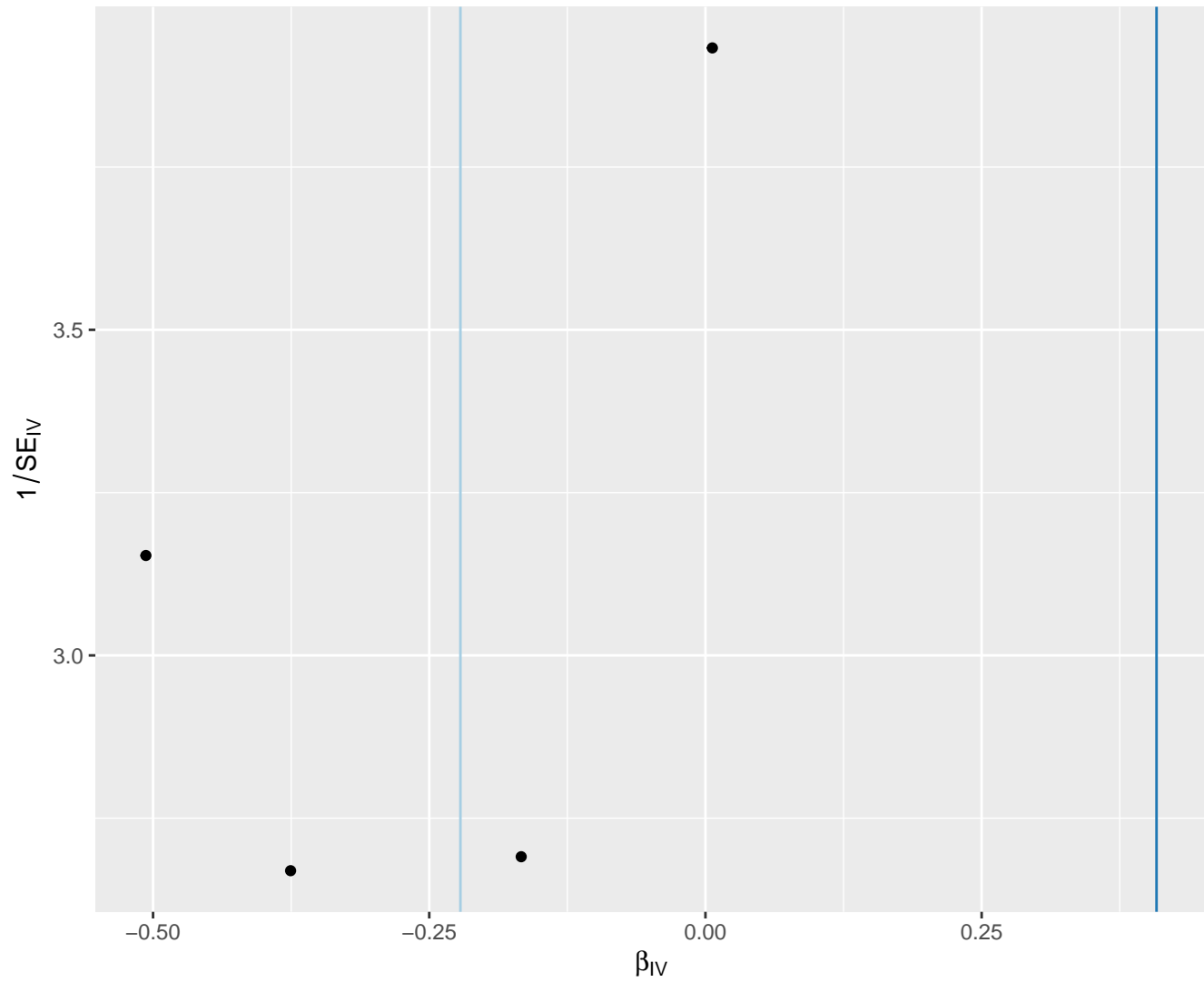
# Total lipids in small VLDL



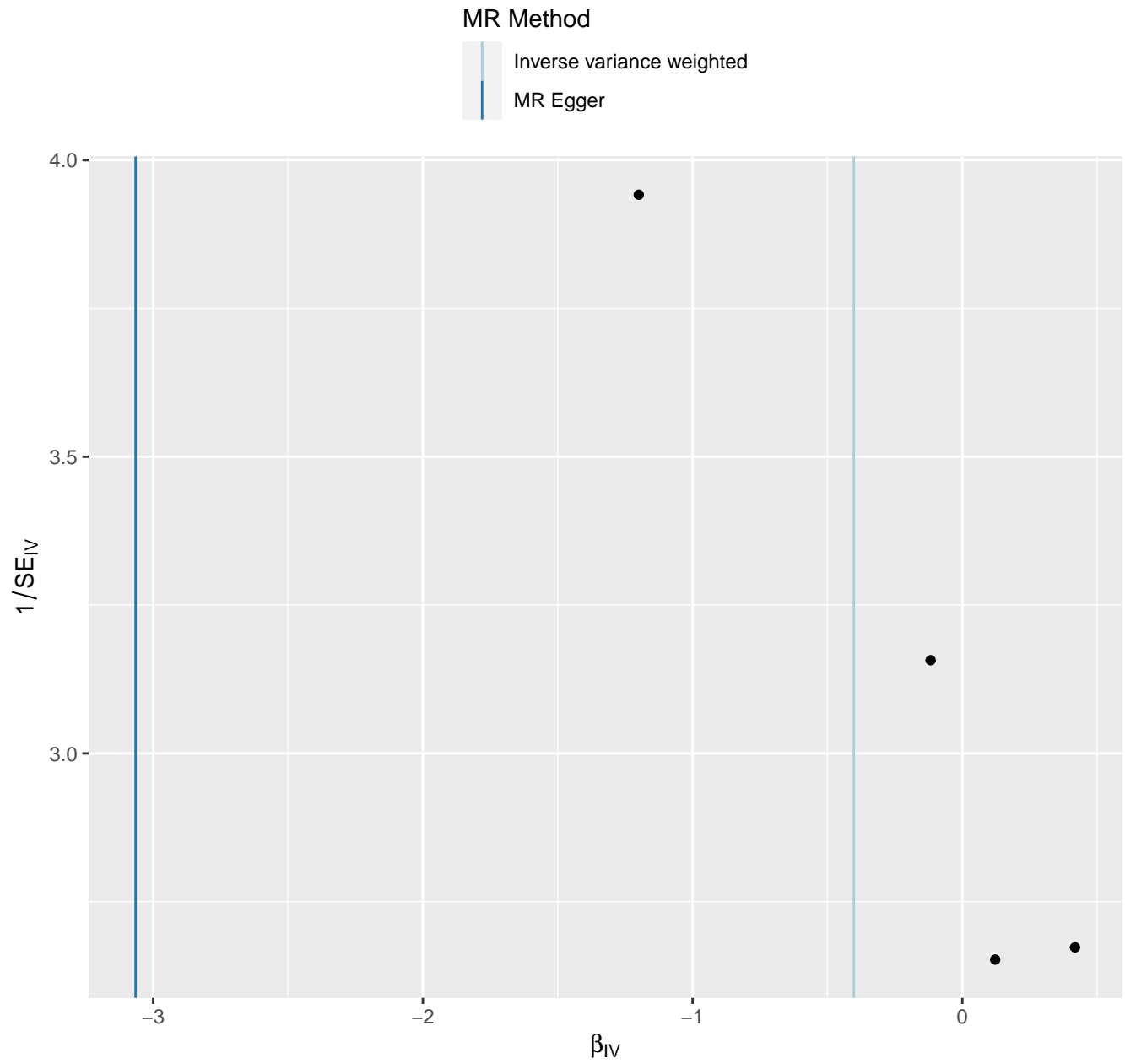
# Total lipids in very large HDL

MR Method

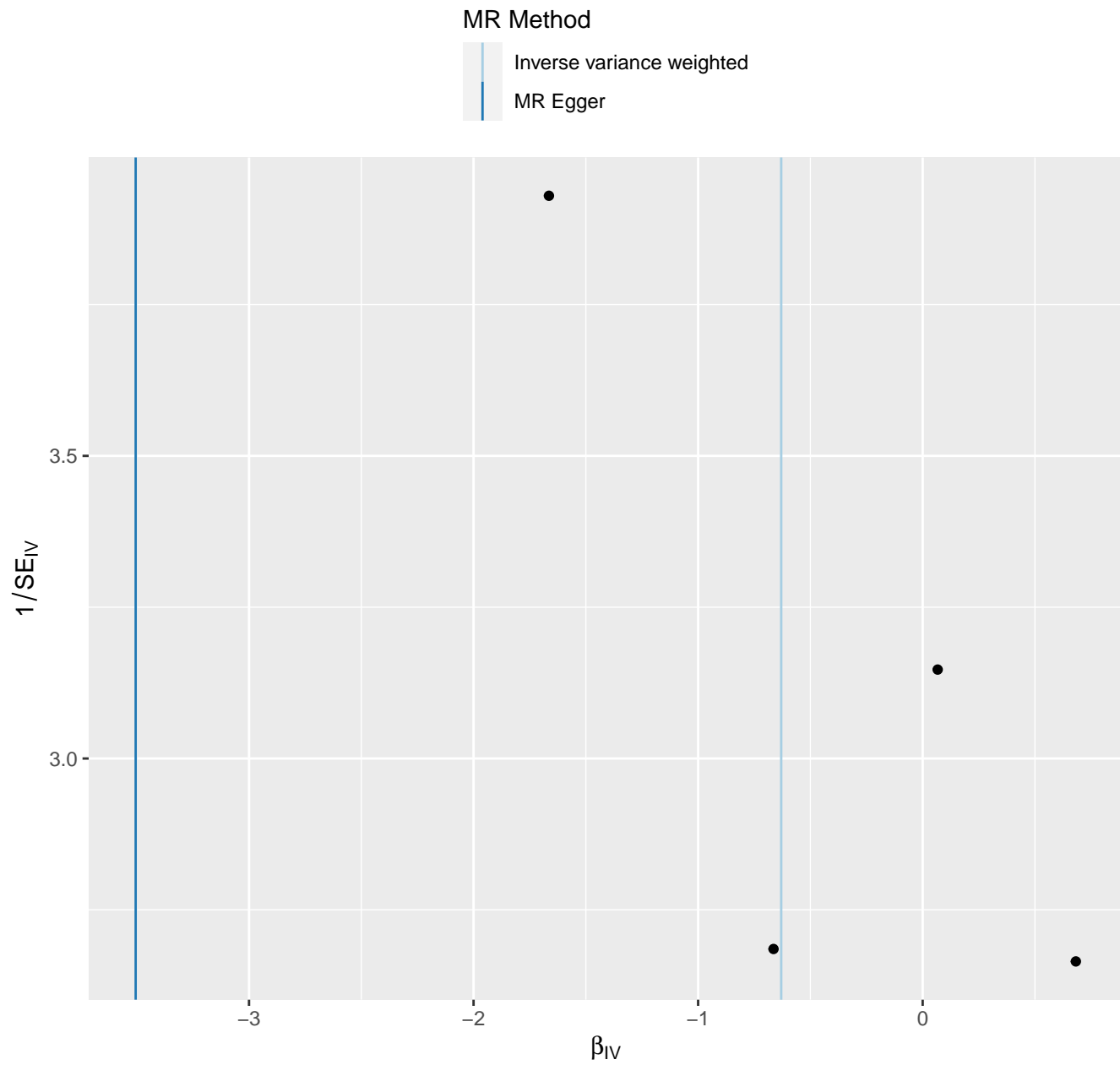
Inverse variance weighted  
MR Egger



# Total lipids in very large VLDL



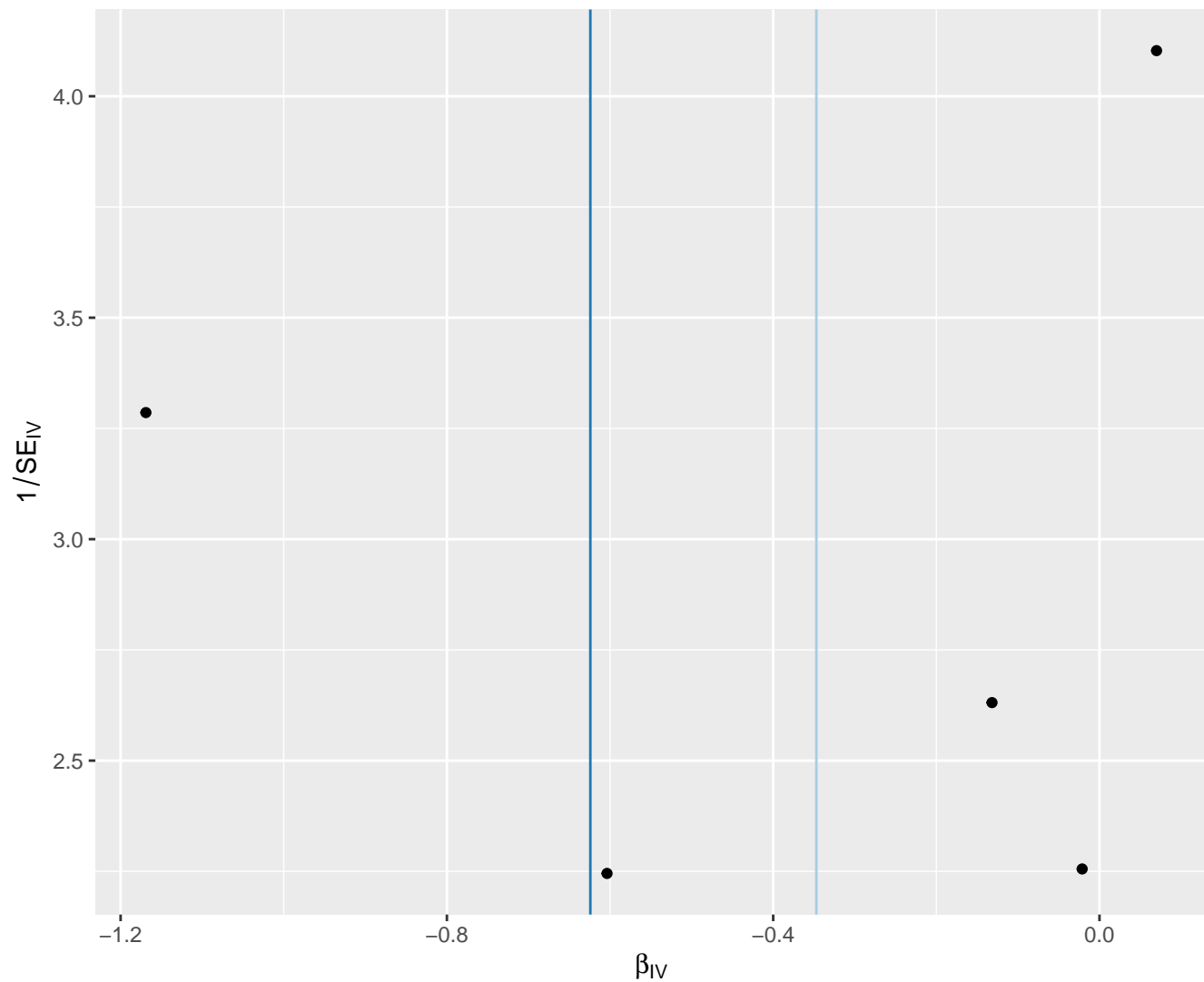
# Total lipids in very small VLDL



# Total phosphoglycerides

MR Method

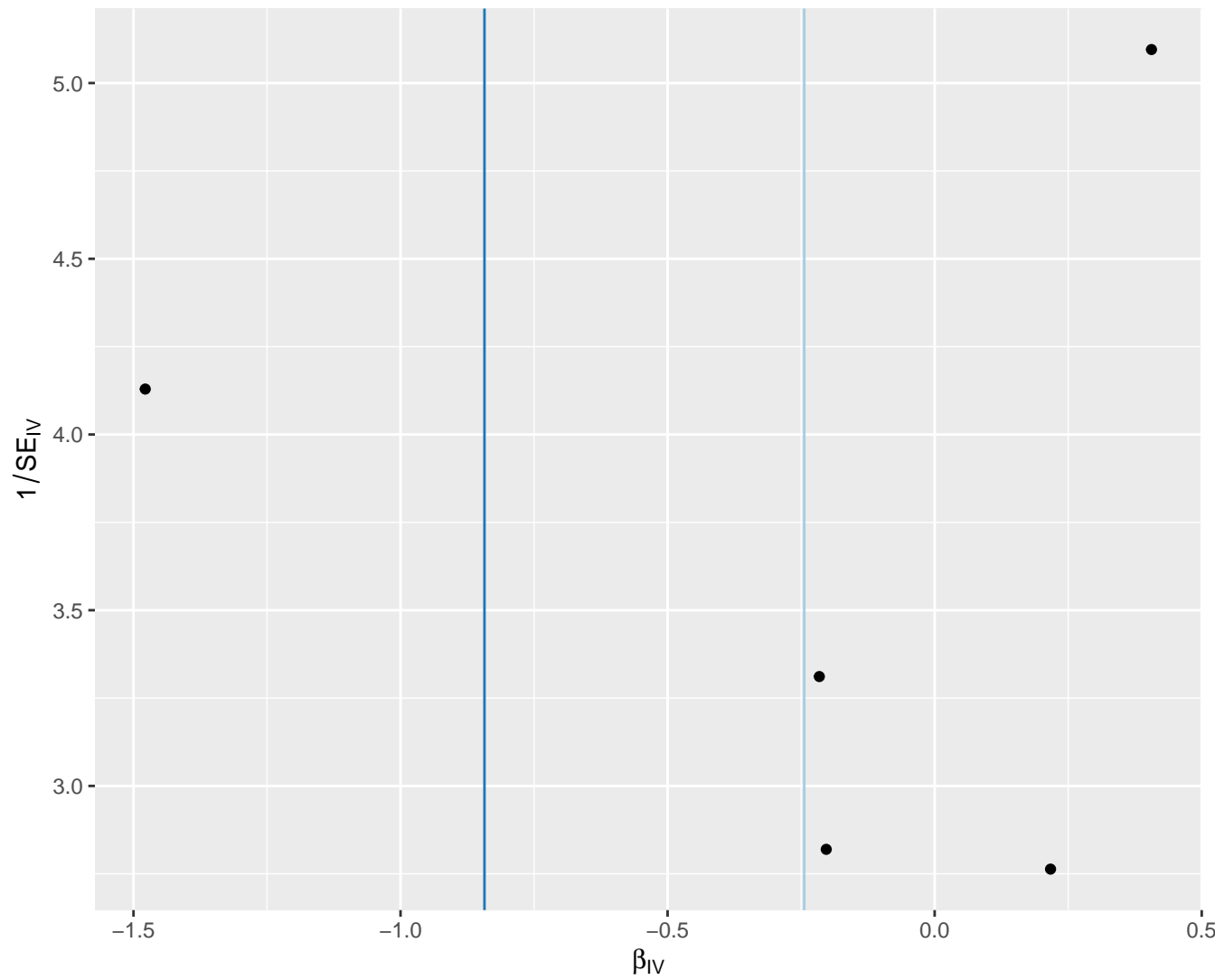
Inverse variance weighted  
MR Egger



# Triglycerides in chylomicrons and largest VLDL particles

MR Method

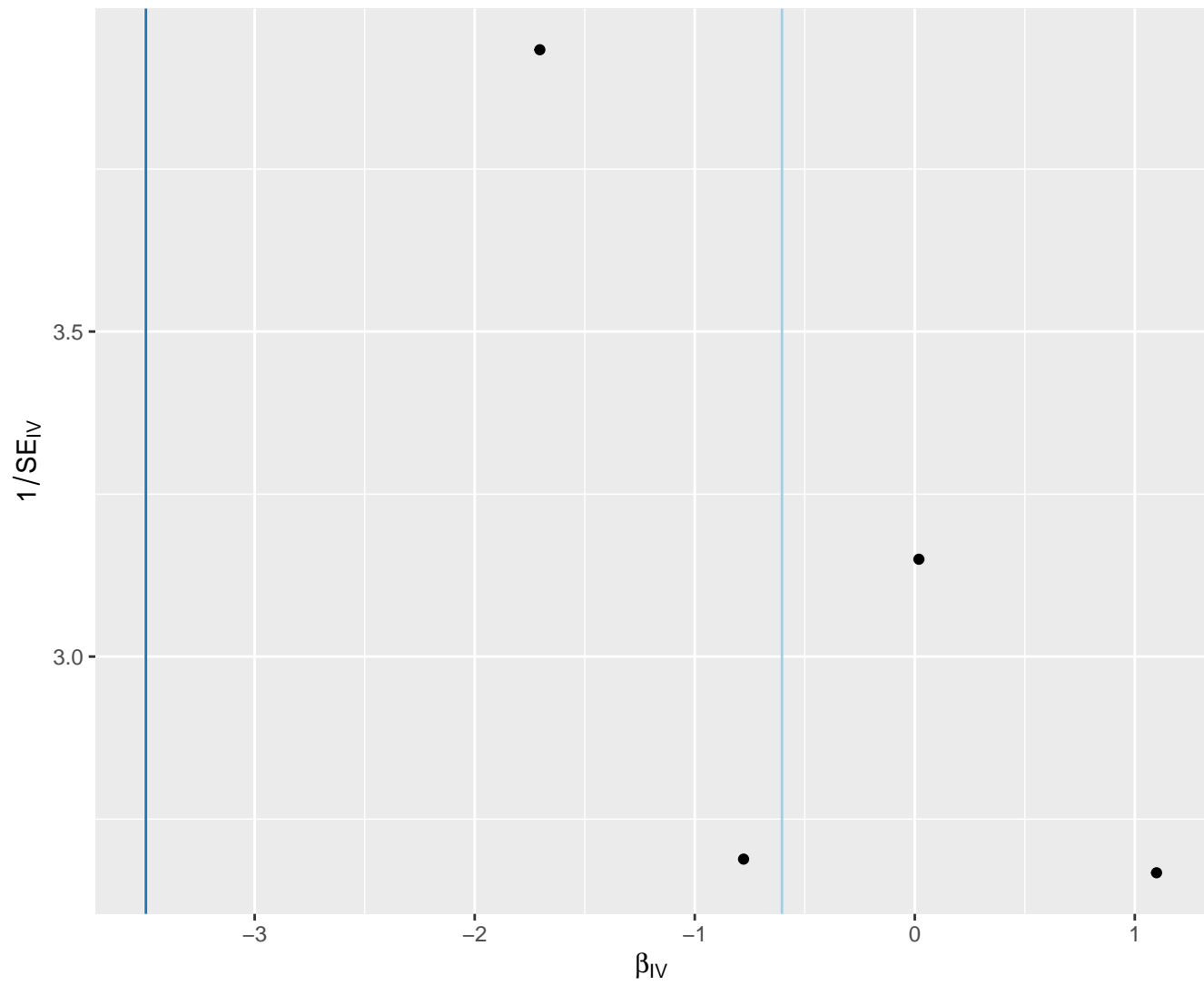
Inverse variance weighted  
MR Egger



# Triglycerides in IDL

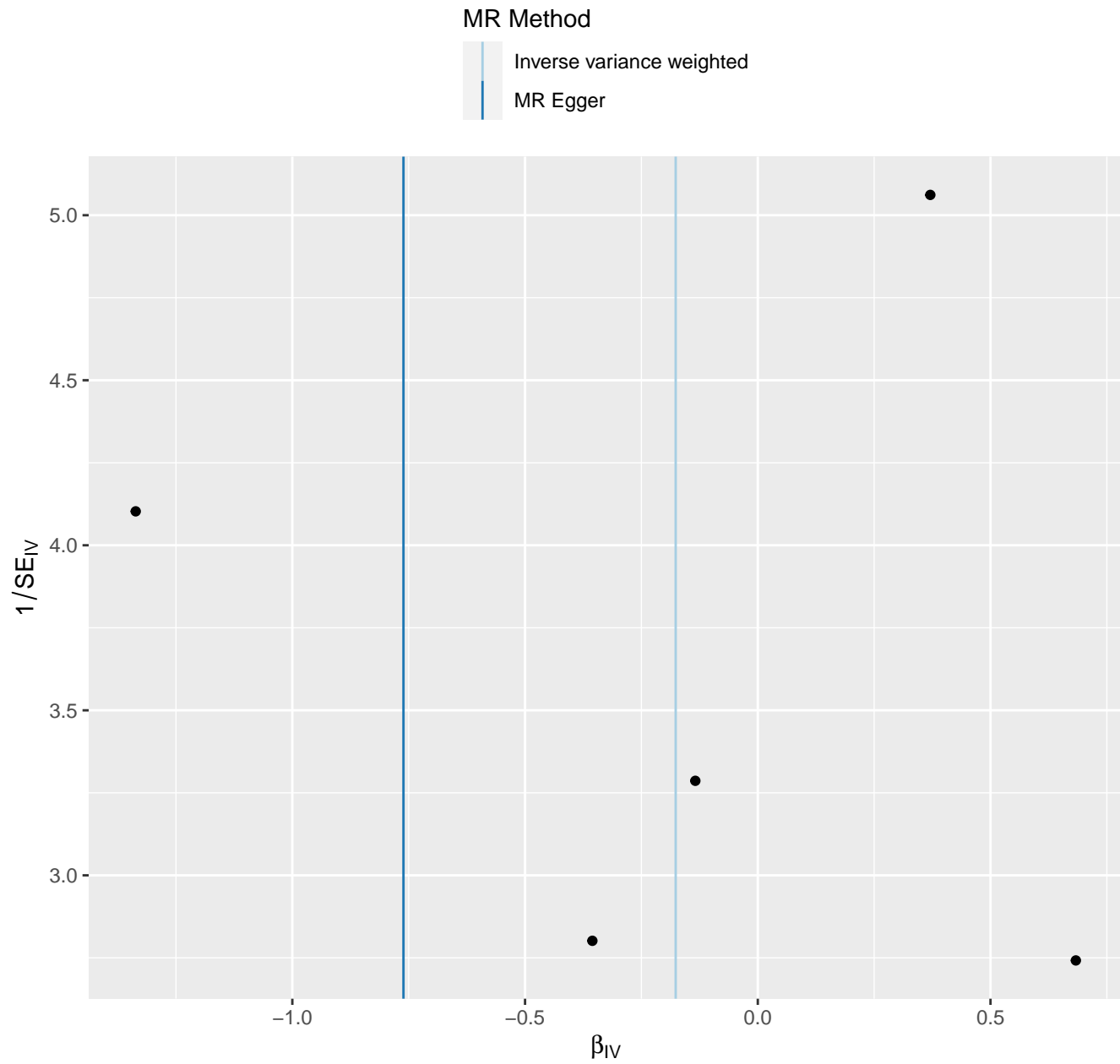
MR Method

Inverse variance weighted  
MR Egger

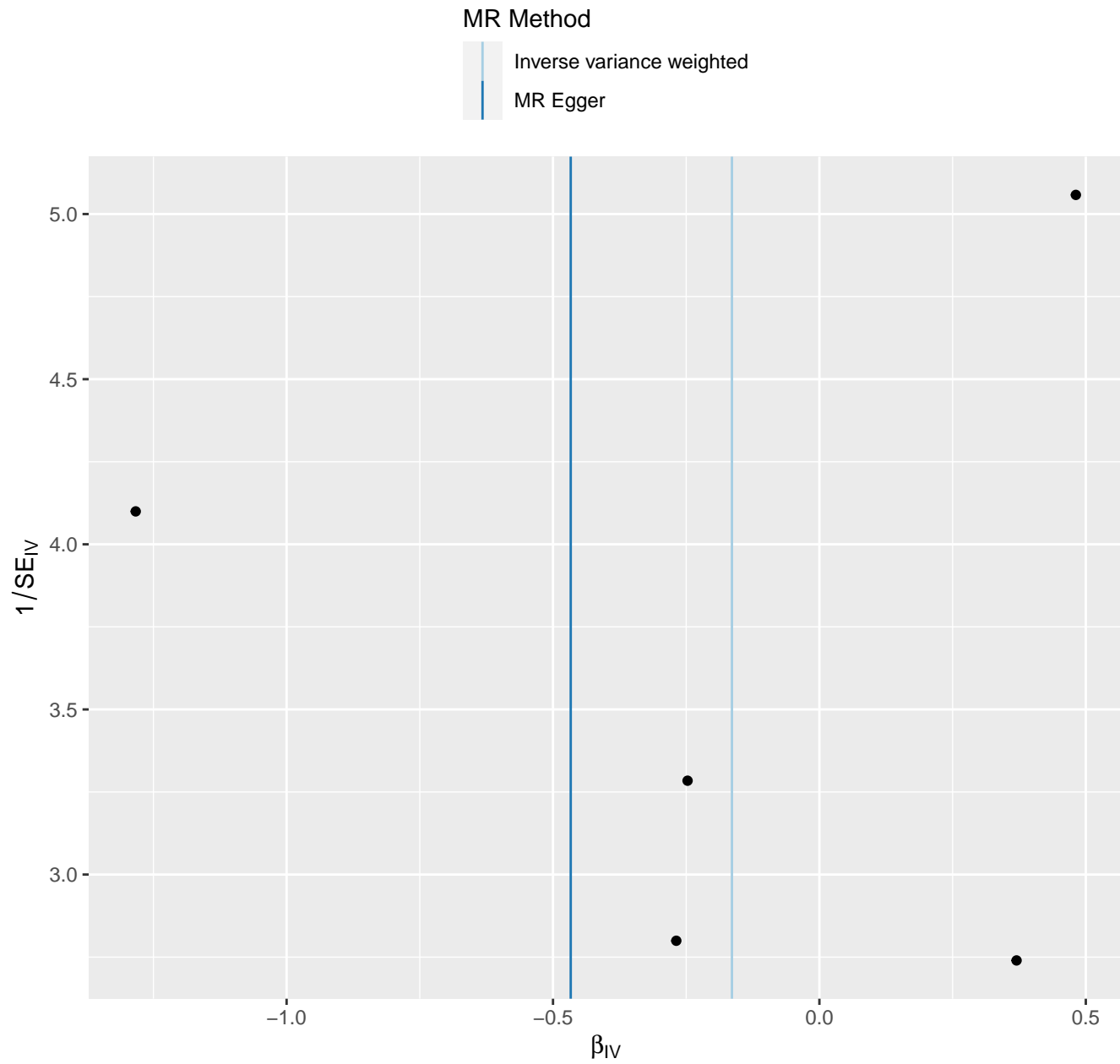




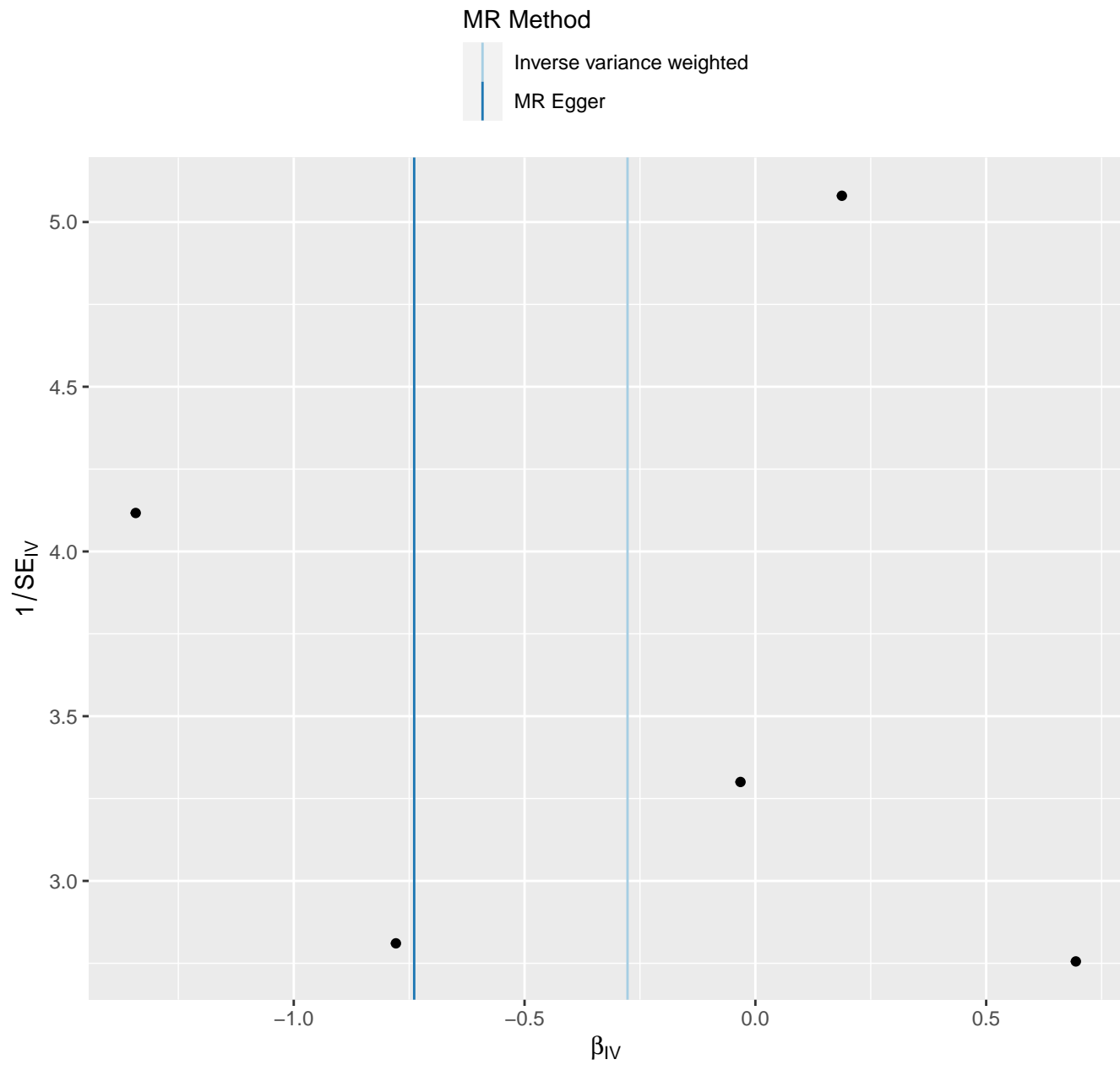
# Triglycerides in large VLDL



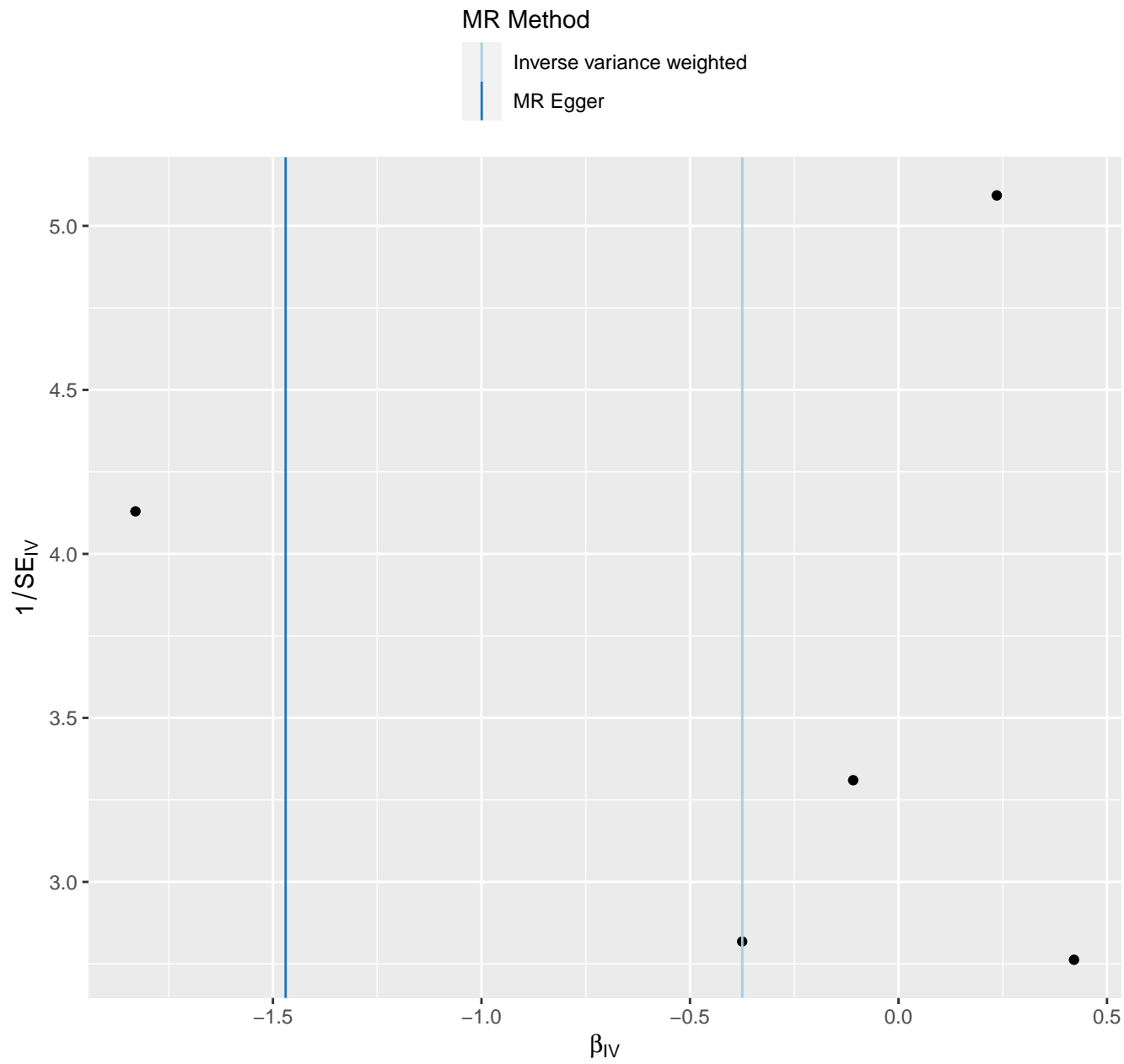
# Triglycerides in medium VLDL



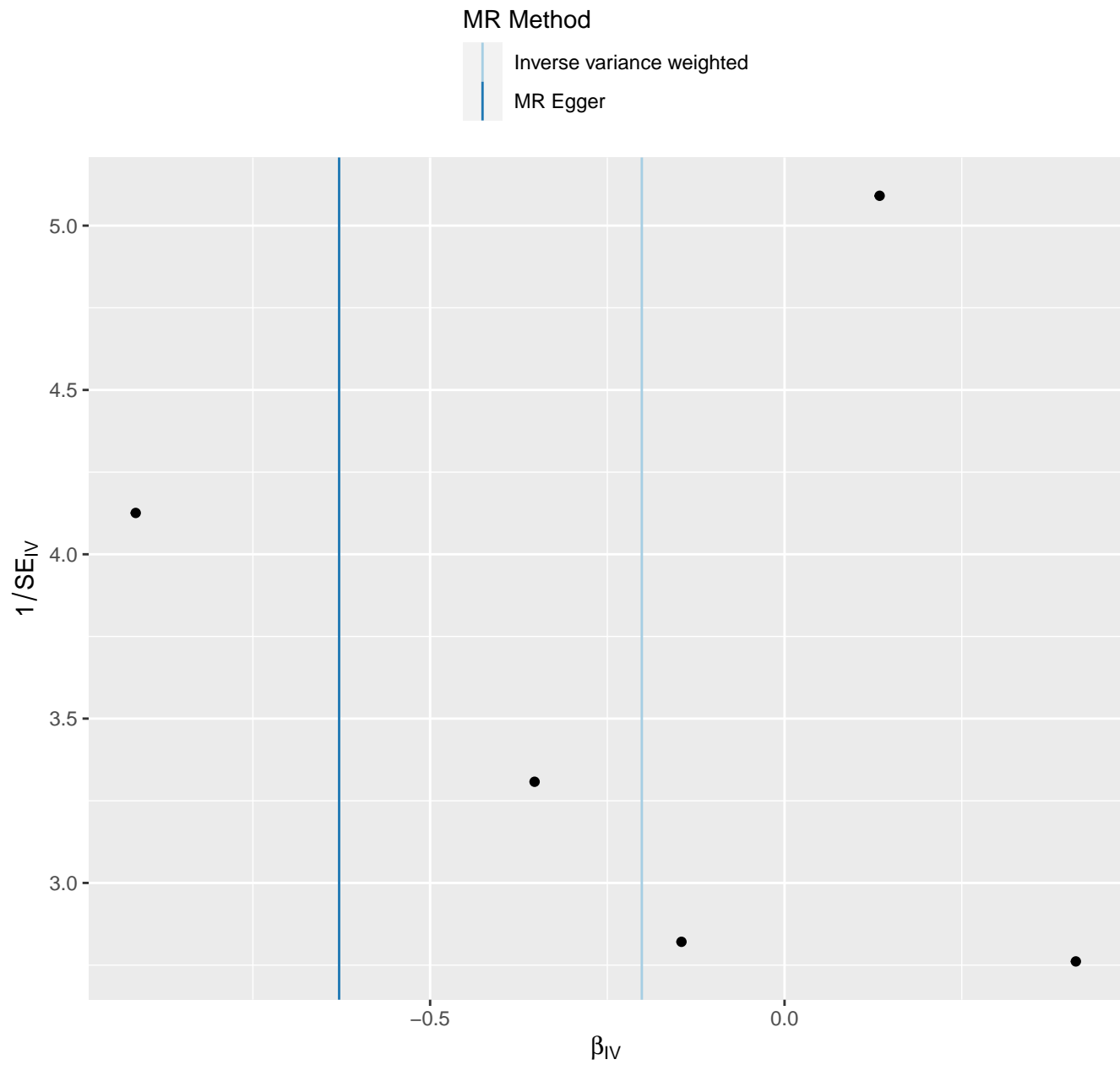
# Triglycerides in small HDL



# Triglycerides in small VLDL

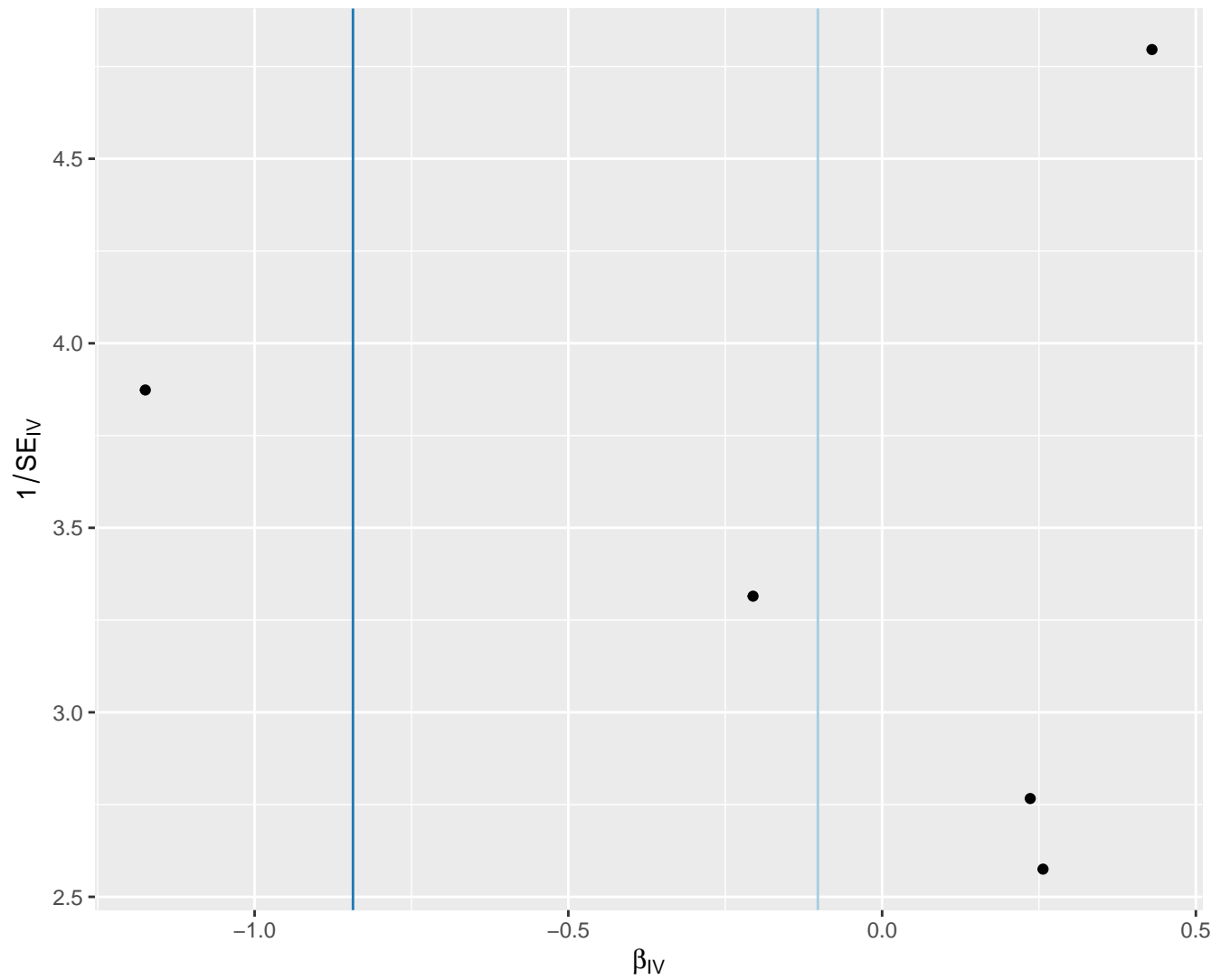


# Triglycerides in very large HDL



# Triglycerides in very large VLDL

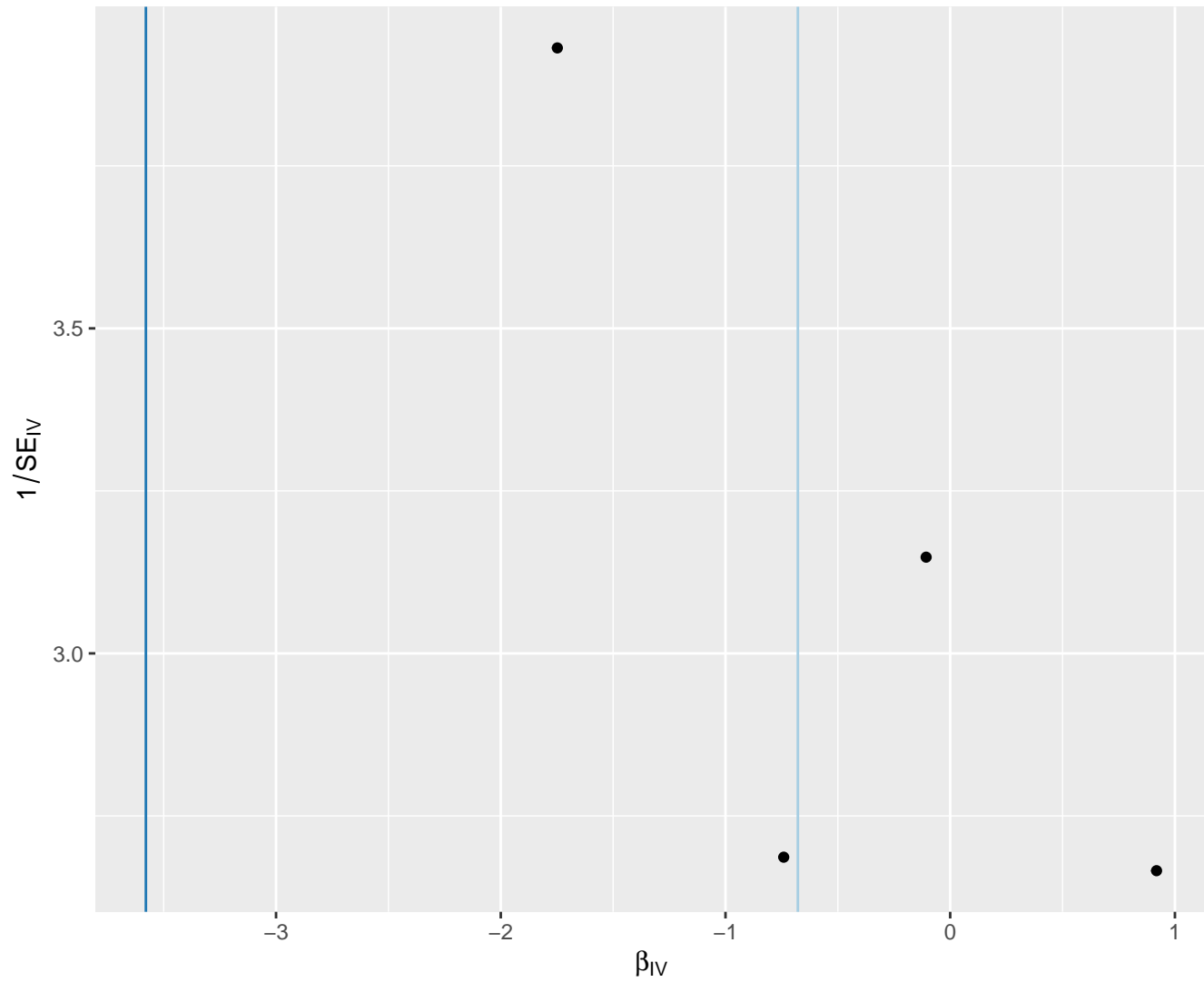
MR Method



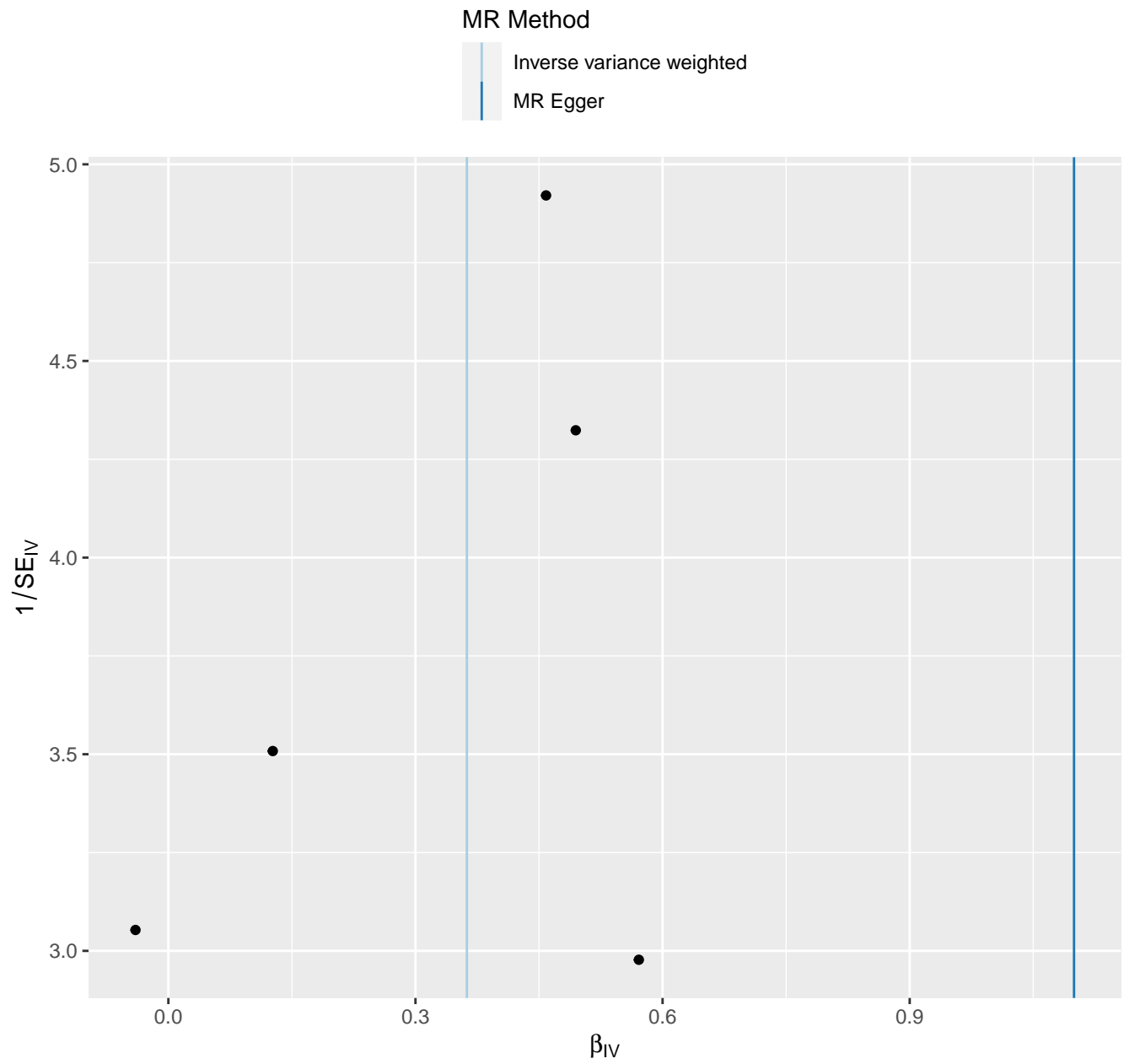
# Triglycerides in very small VLDL

MR Method

Inverse variance weighted  
MR Egger



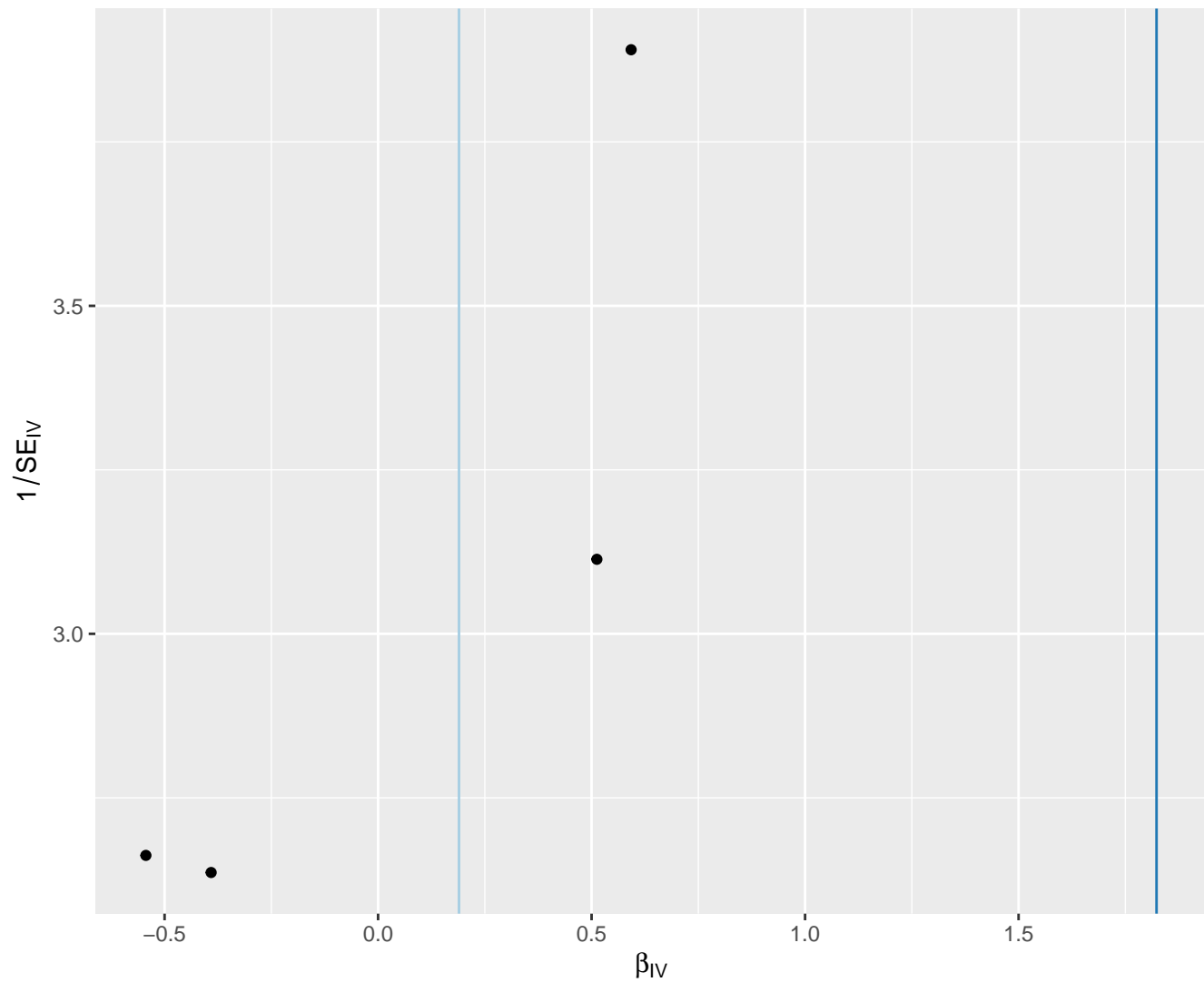
# Tyrosine





Urea

MR Method



# Valine

## MR Method

