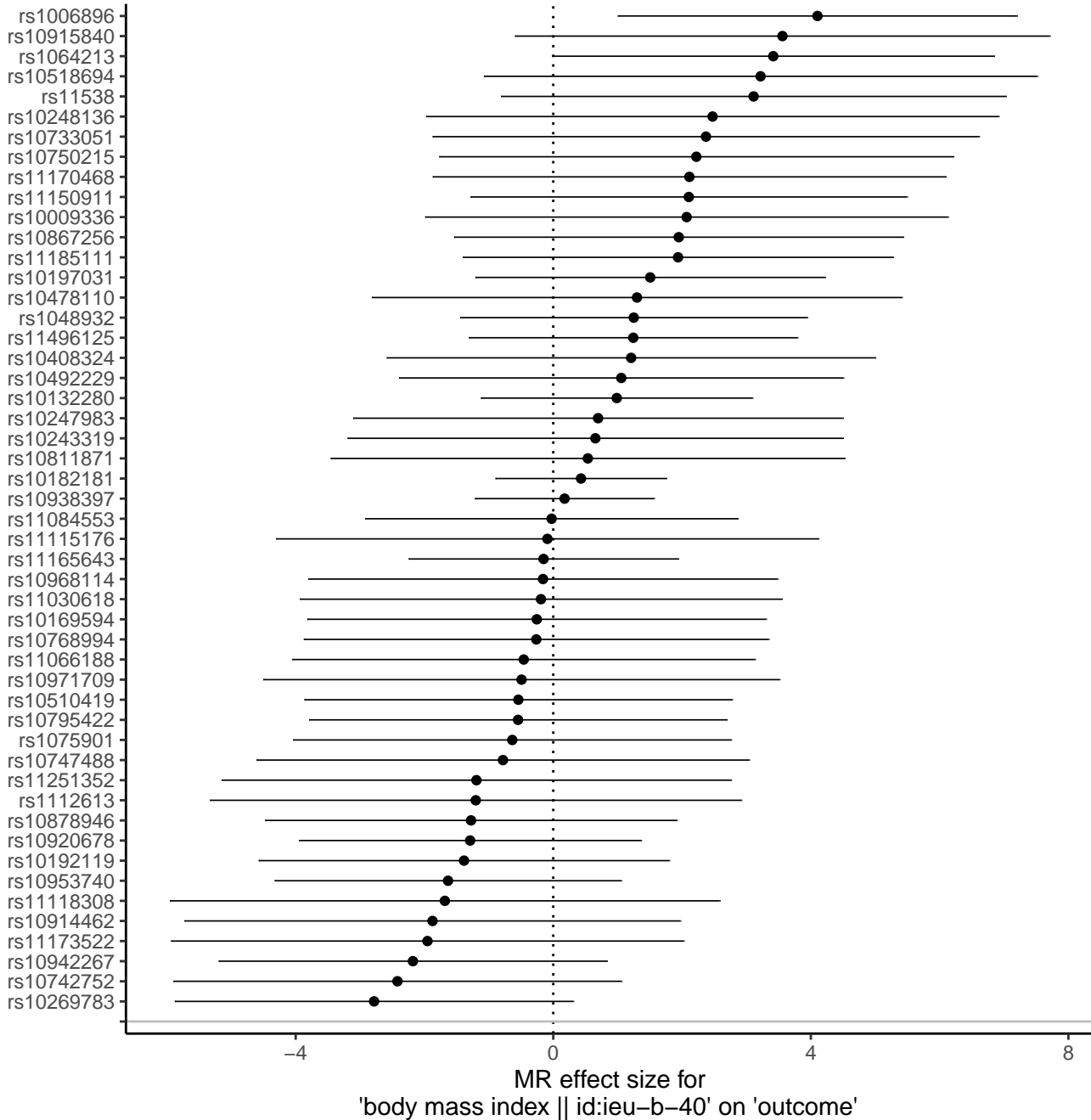
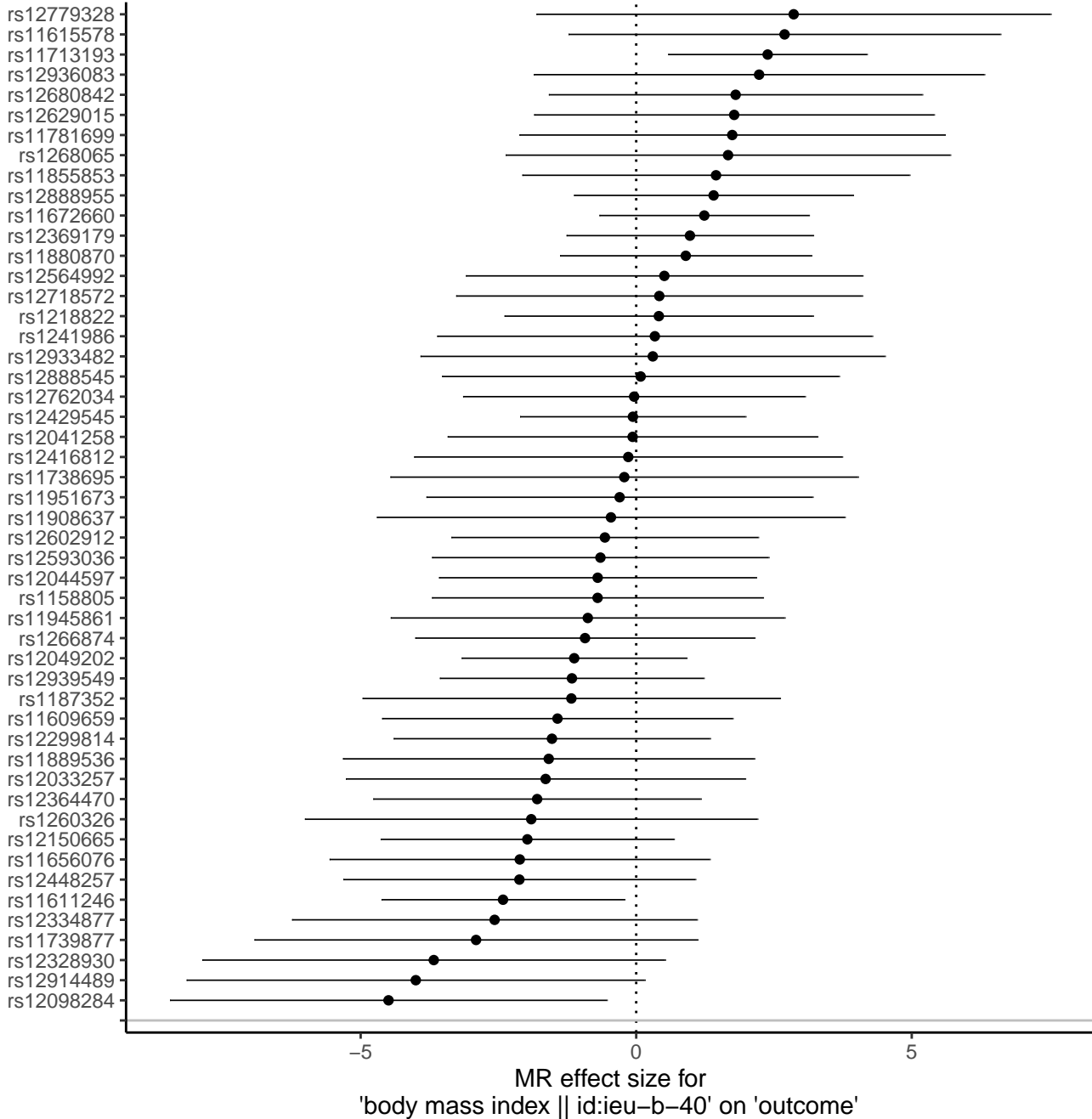
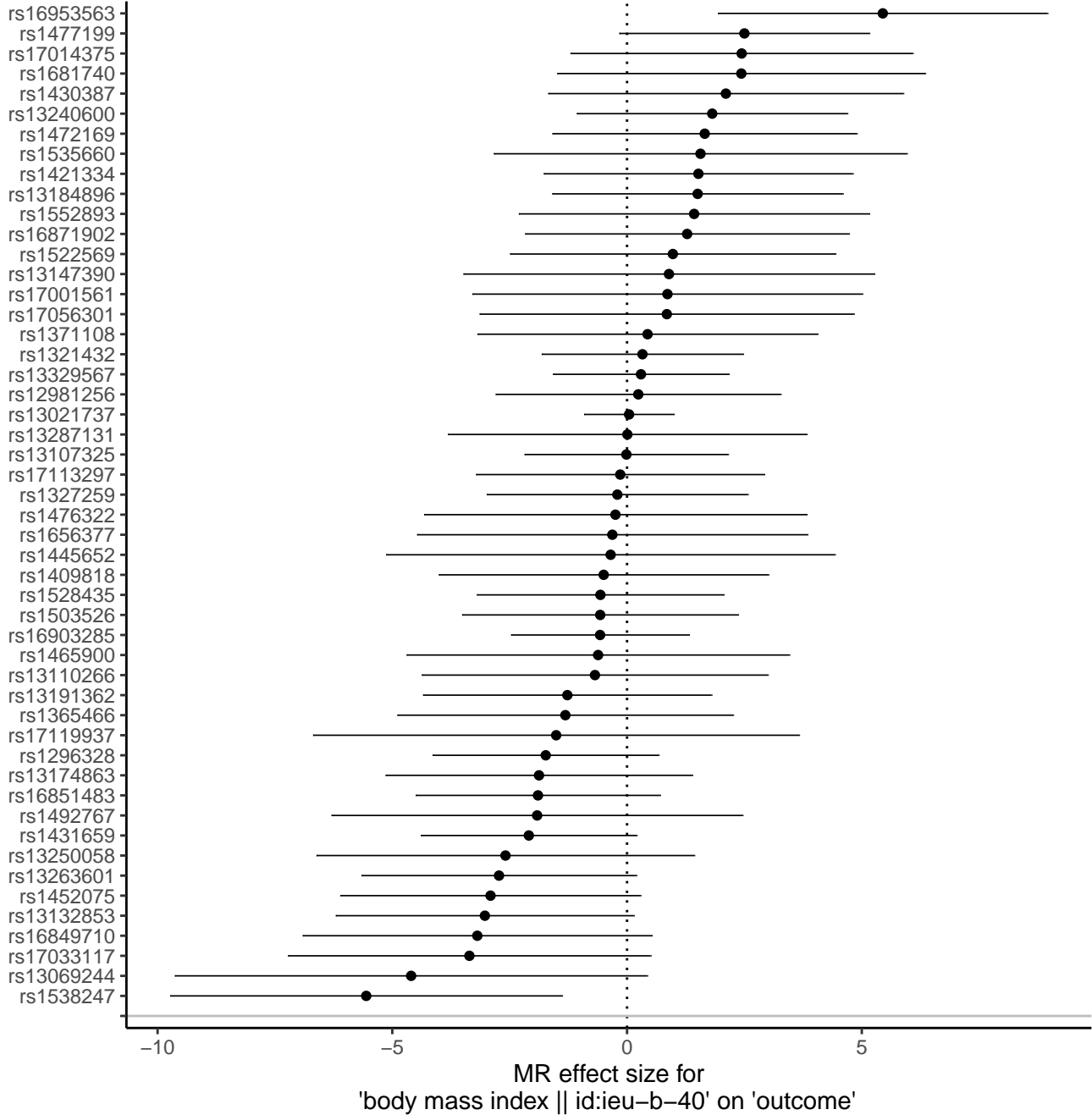


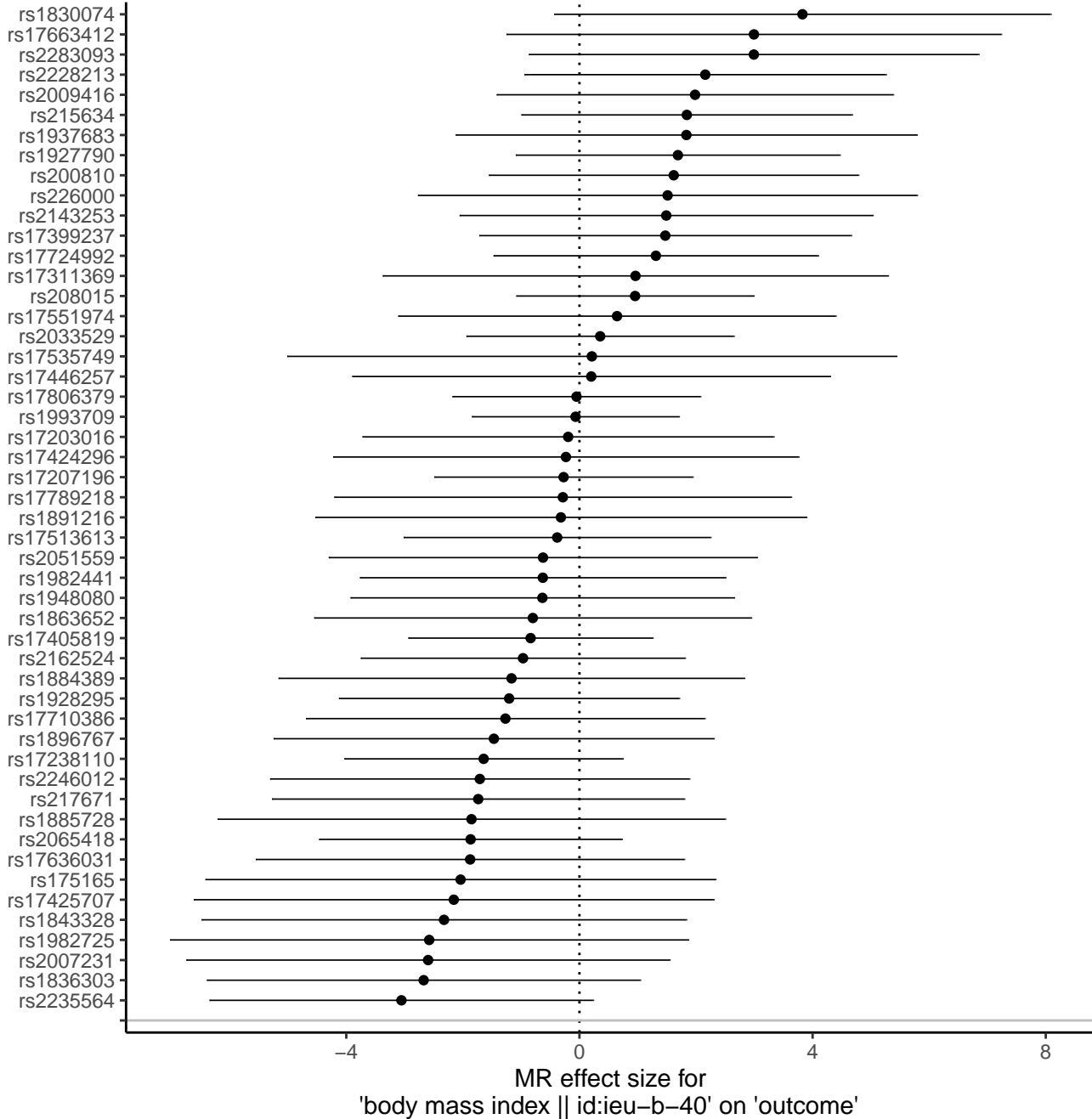
Supplementary File 4 — Exposure: Cardiometabolic traits. Outcome: Corrected Insulin Response adjusted for ISI

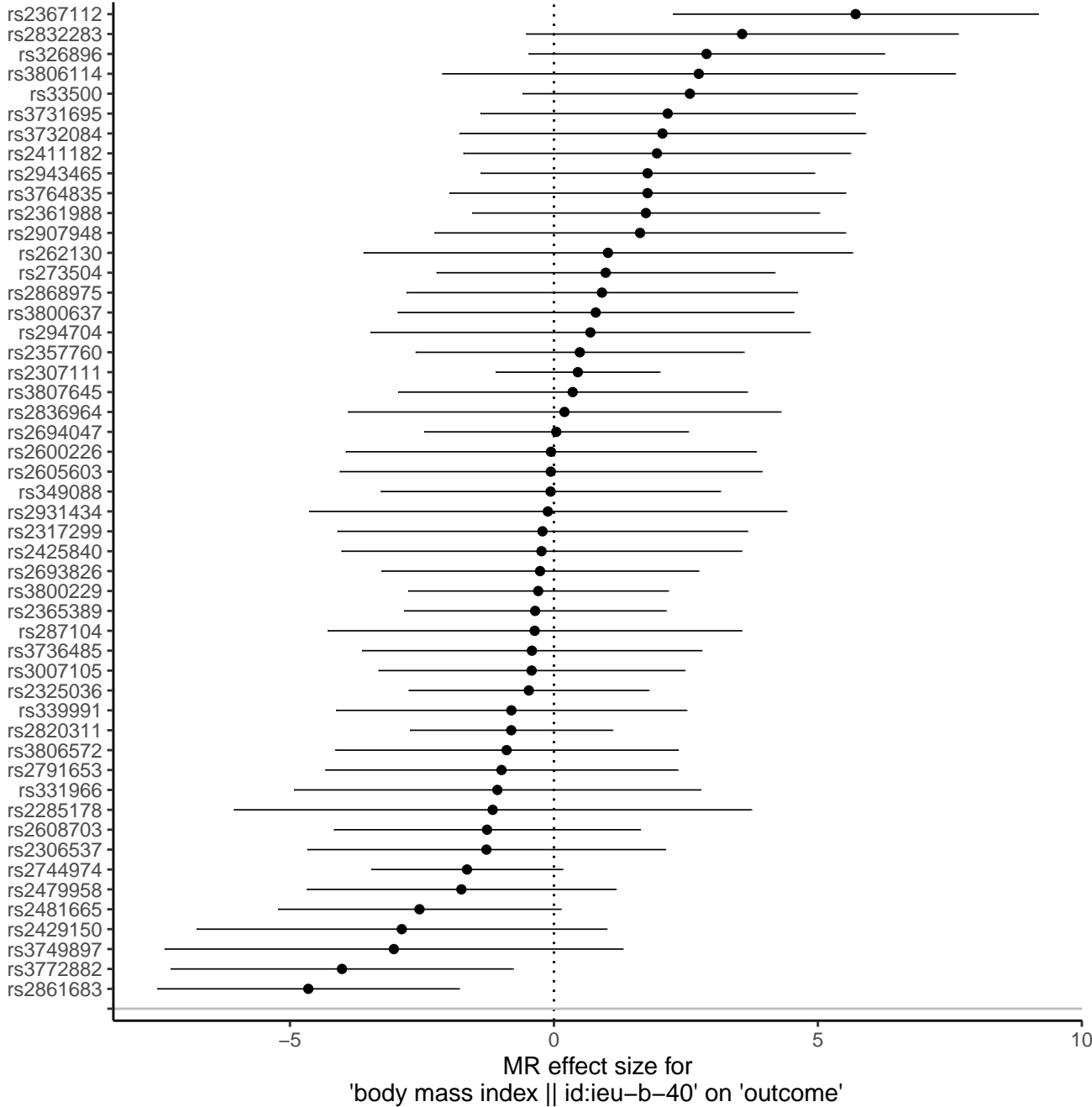
Exposure: Body Mass Index, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis

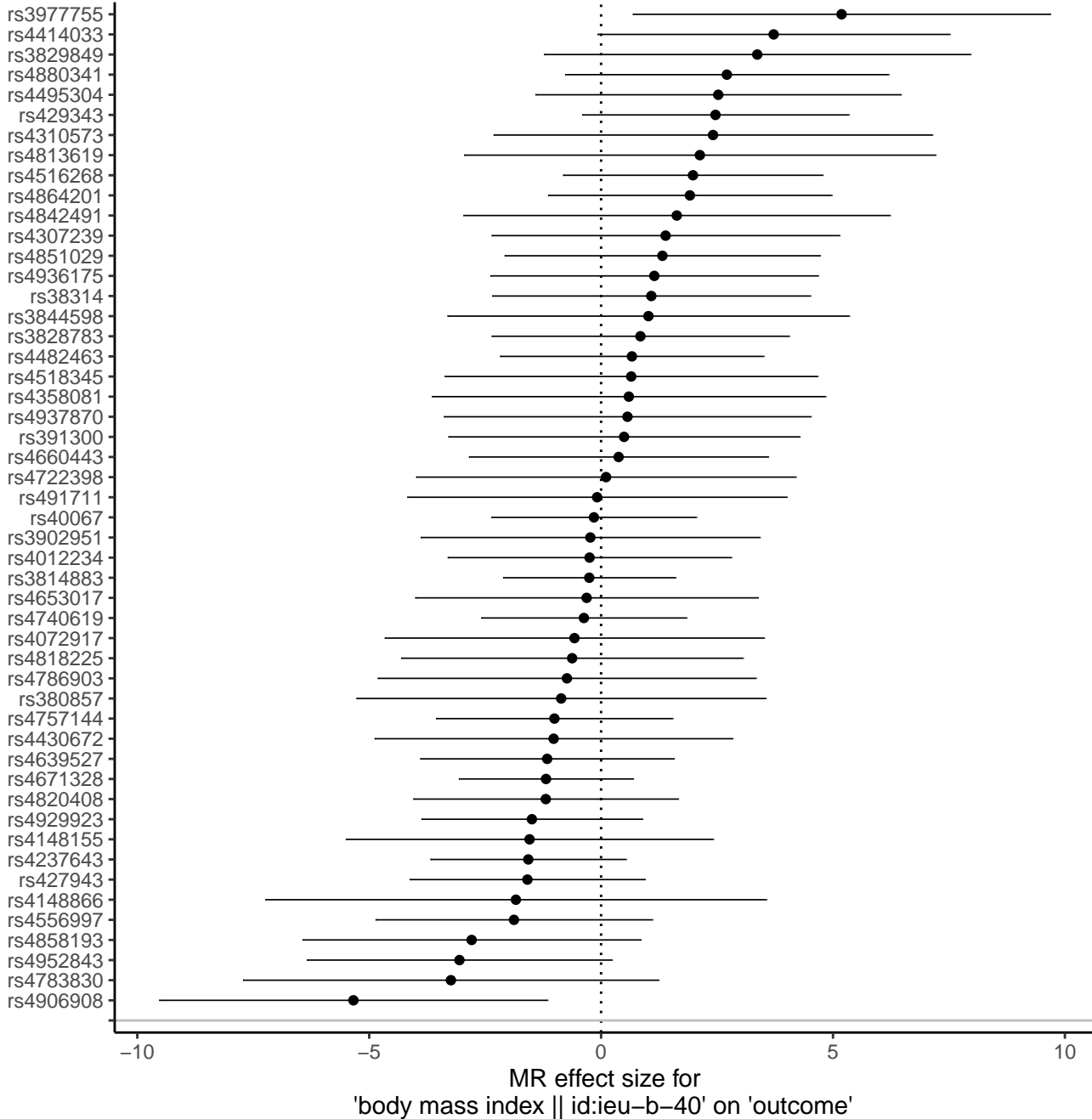


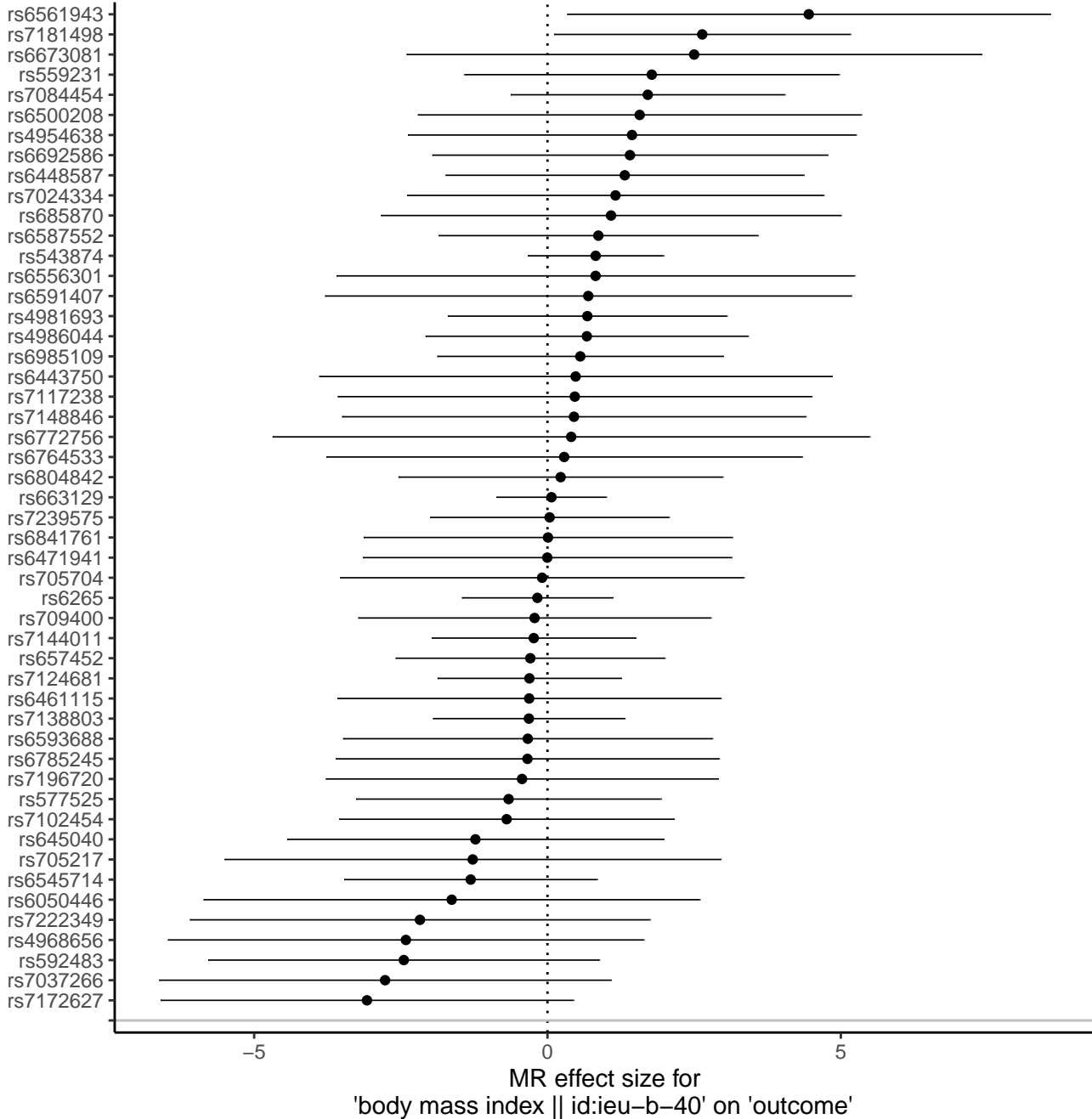


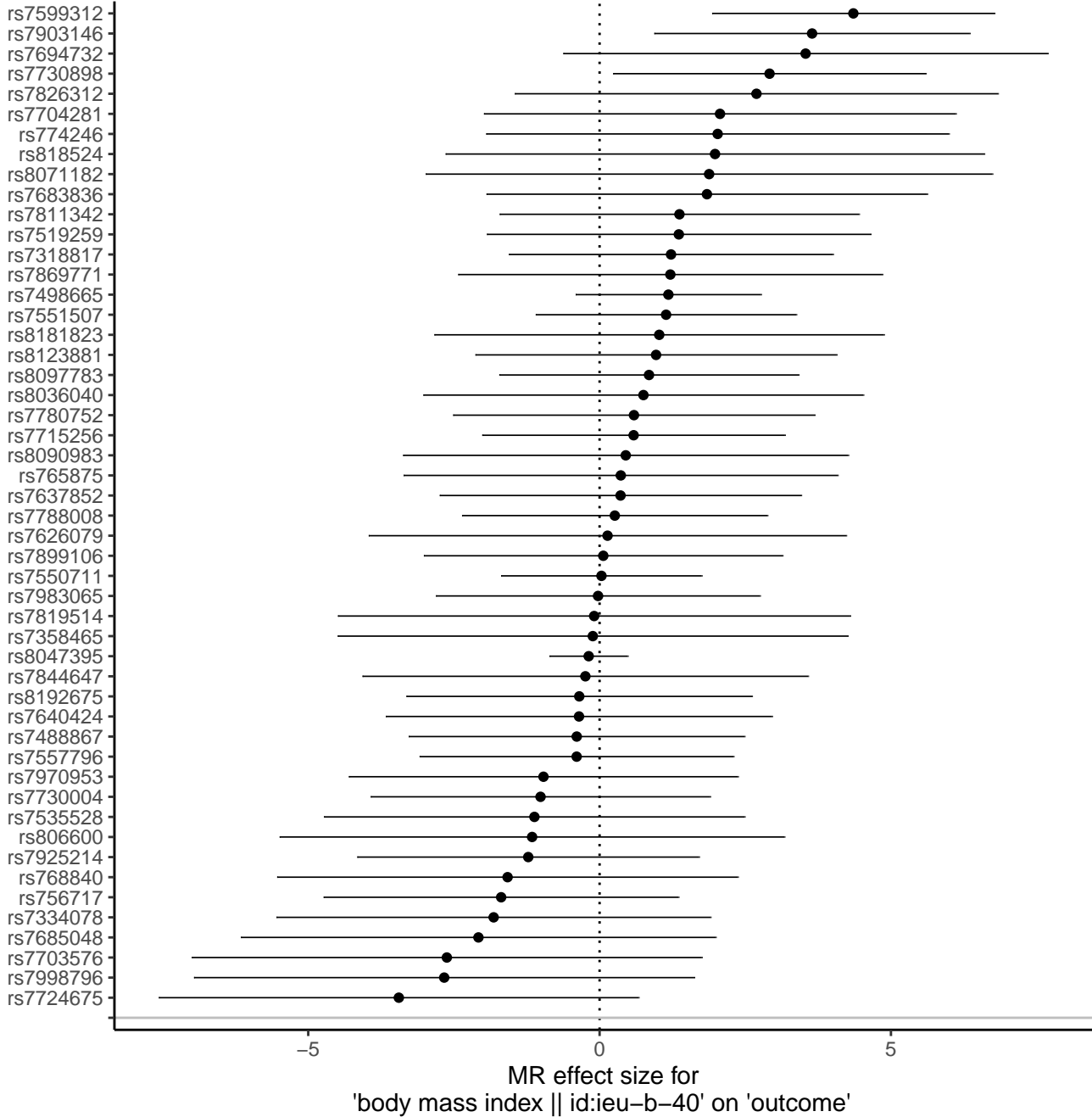


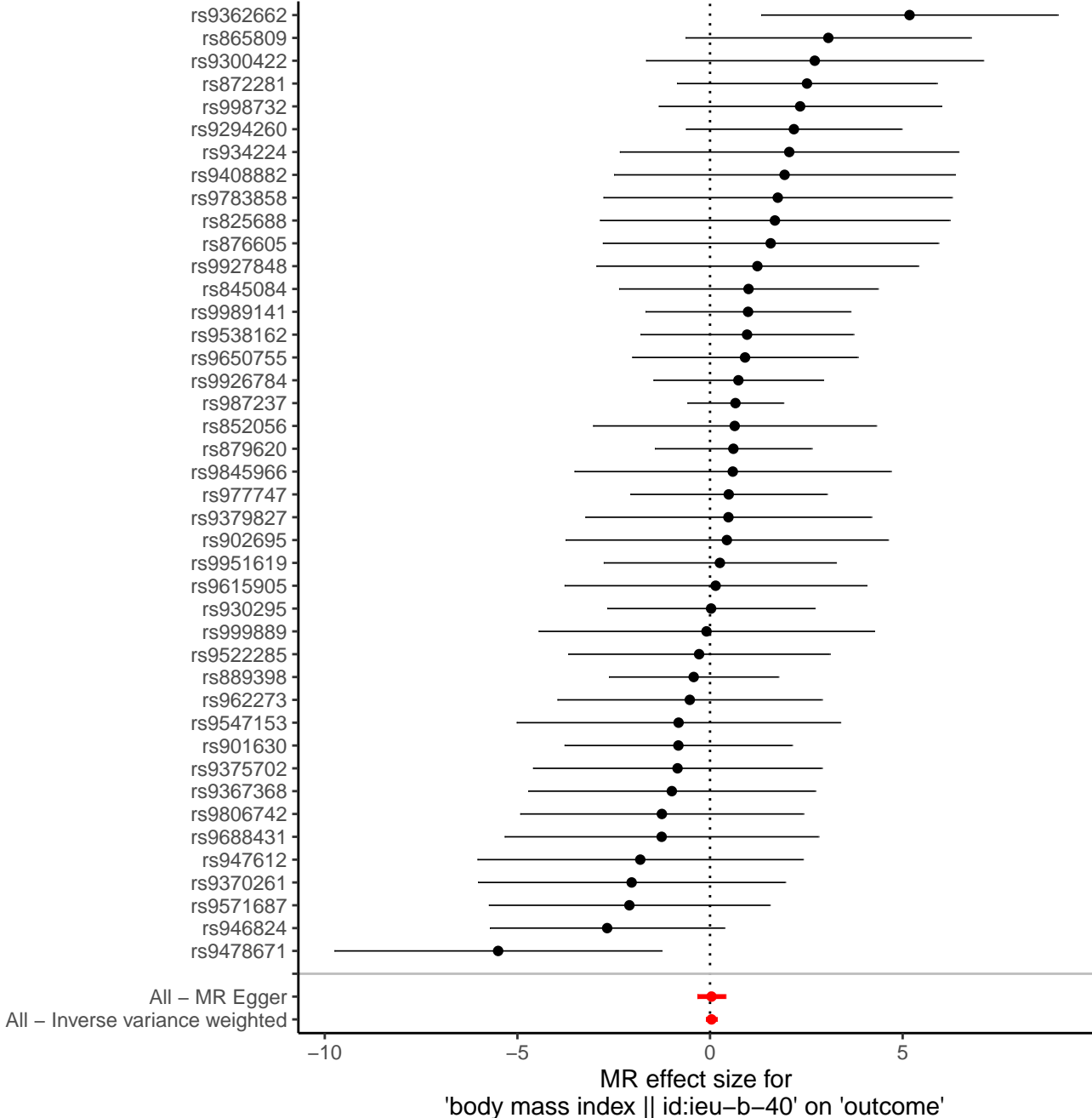






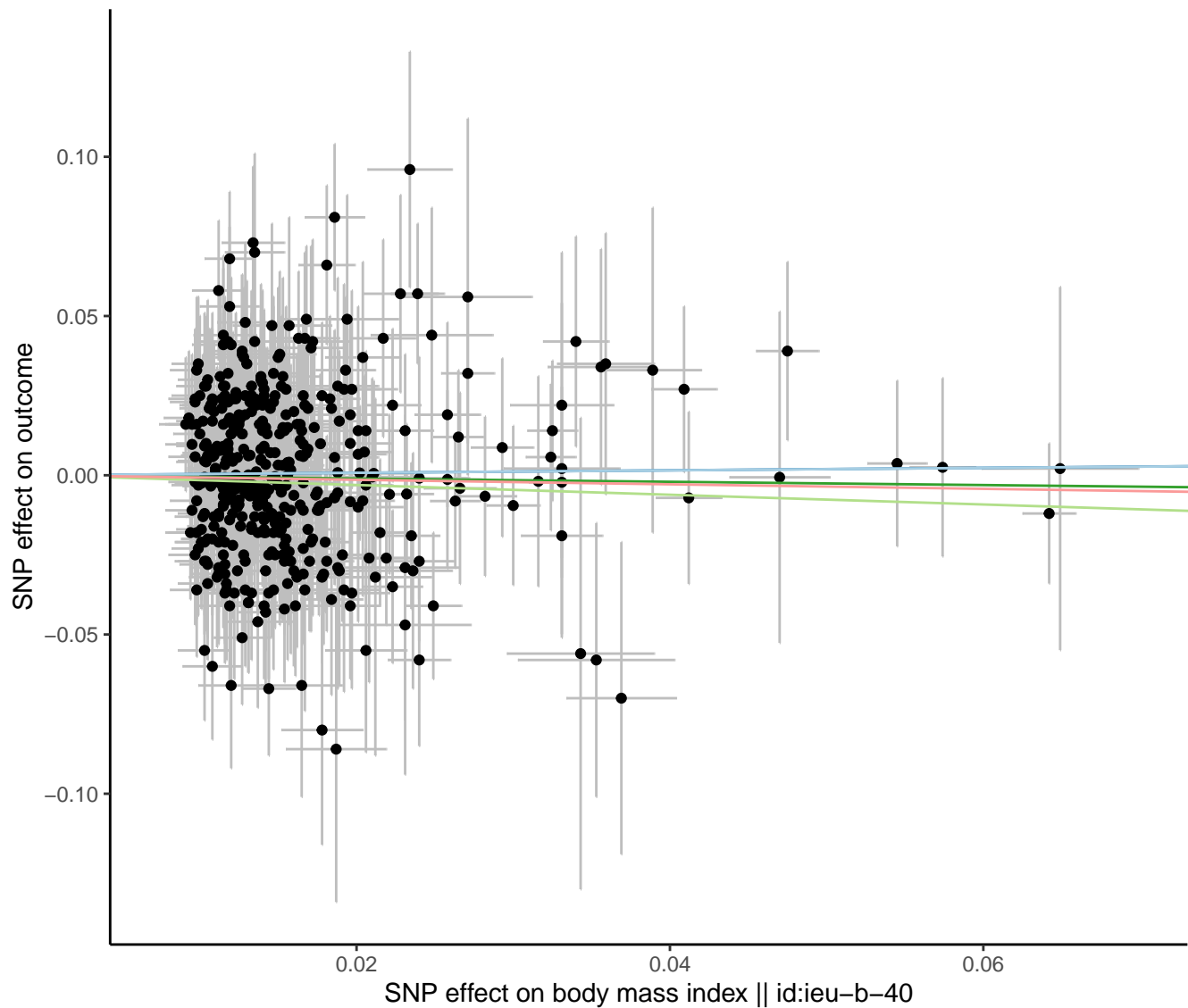






MR Test

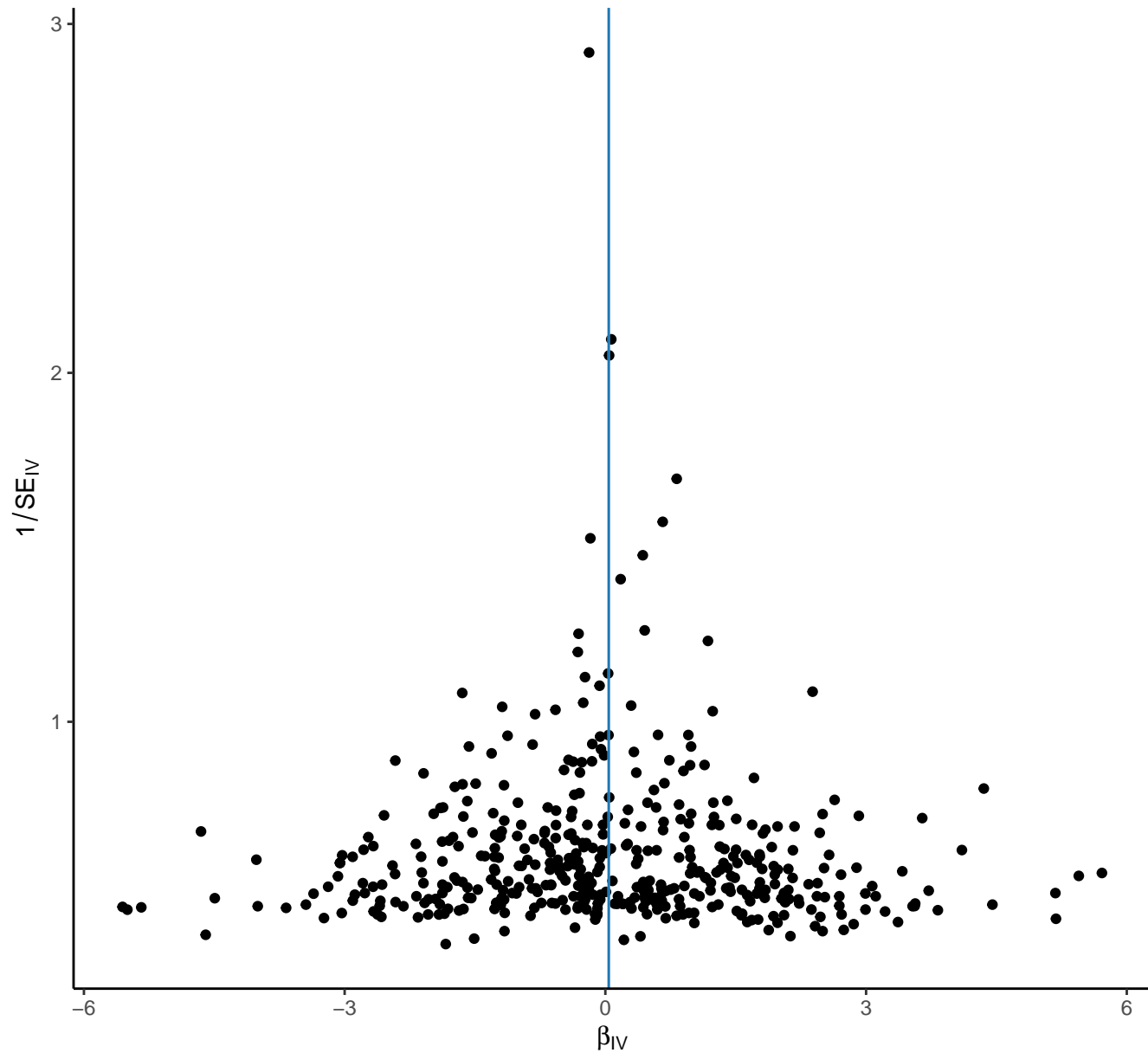
- Inverse variance weighted
- MR Egger
- Simple mode
- Weighted median
- Weighted mode

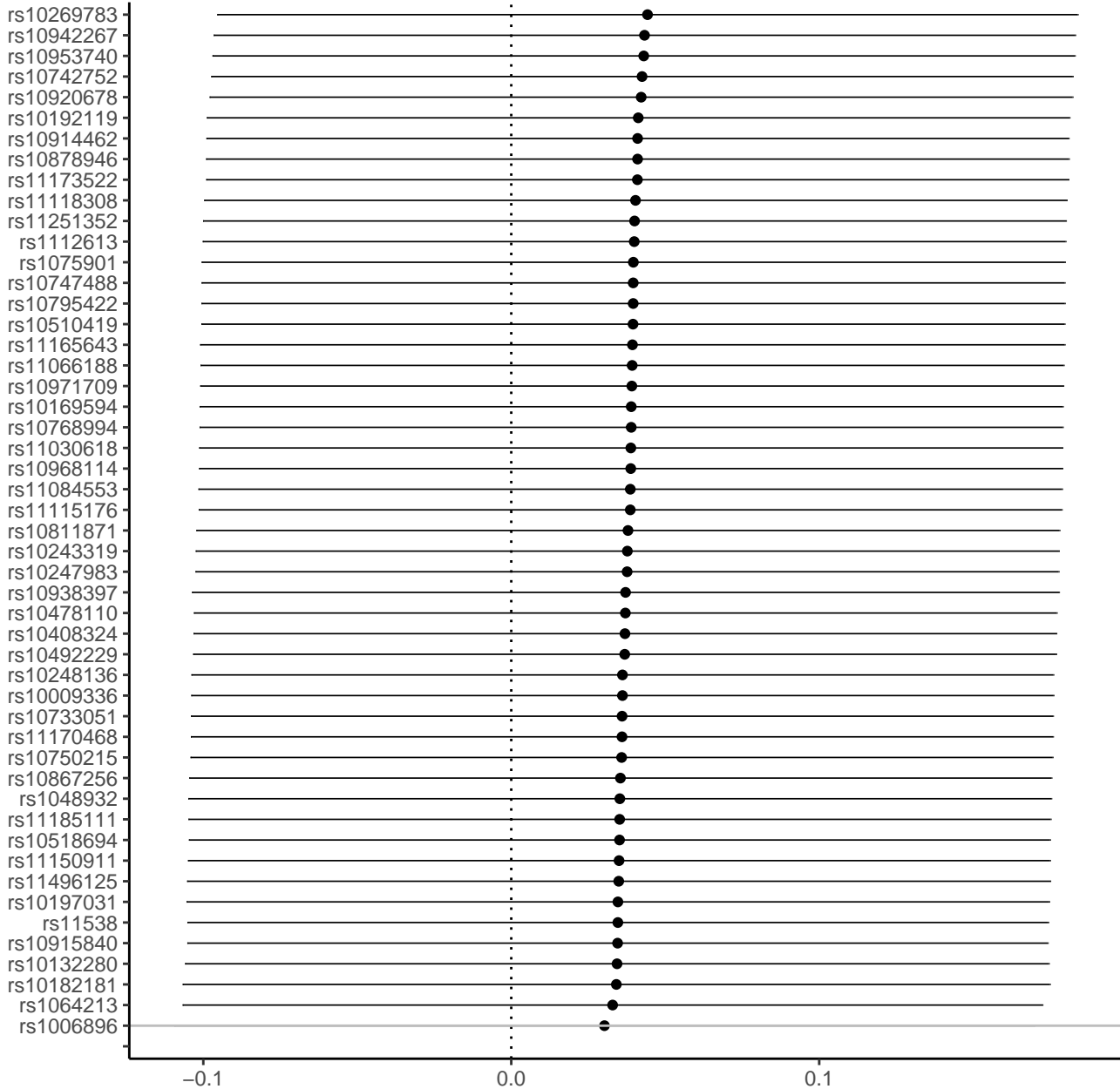


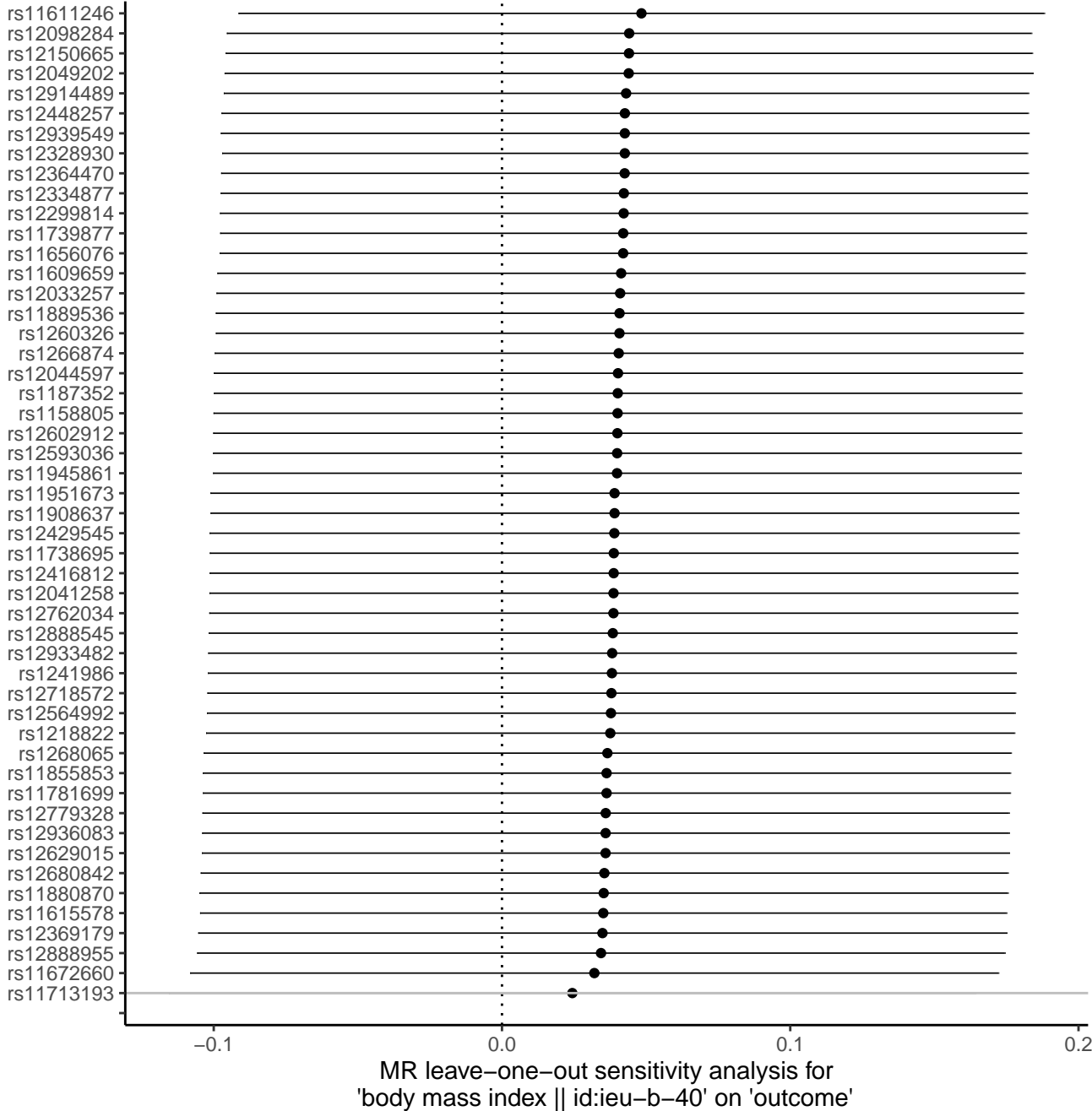
MR Method

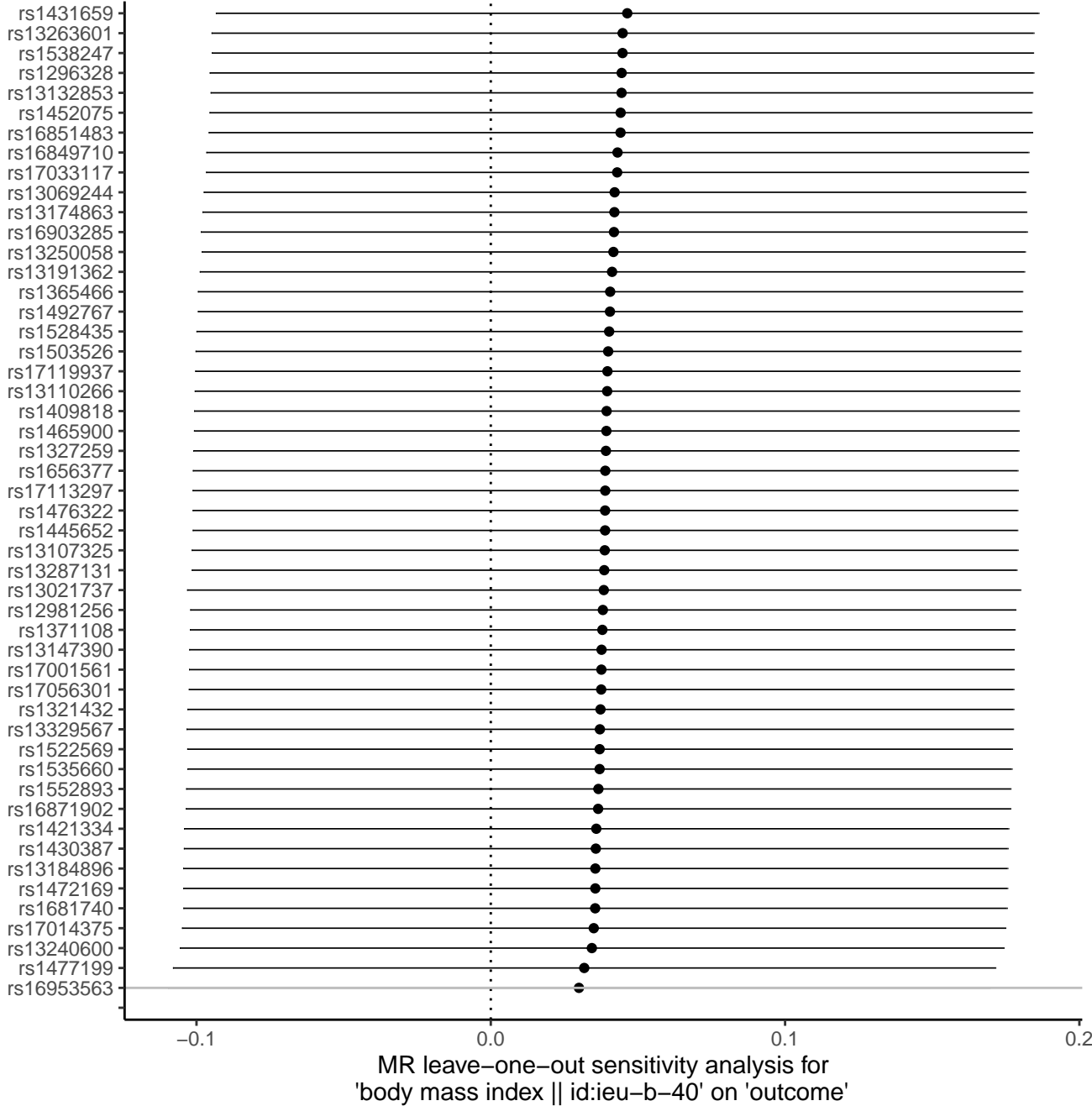
Inverse variance weighted

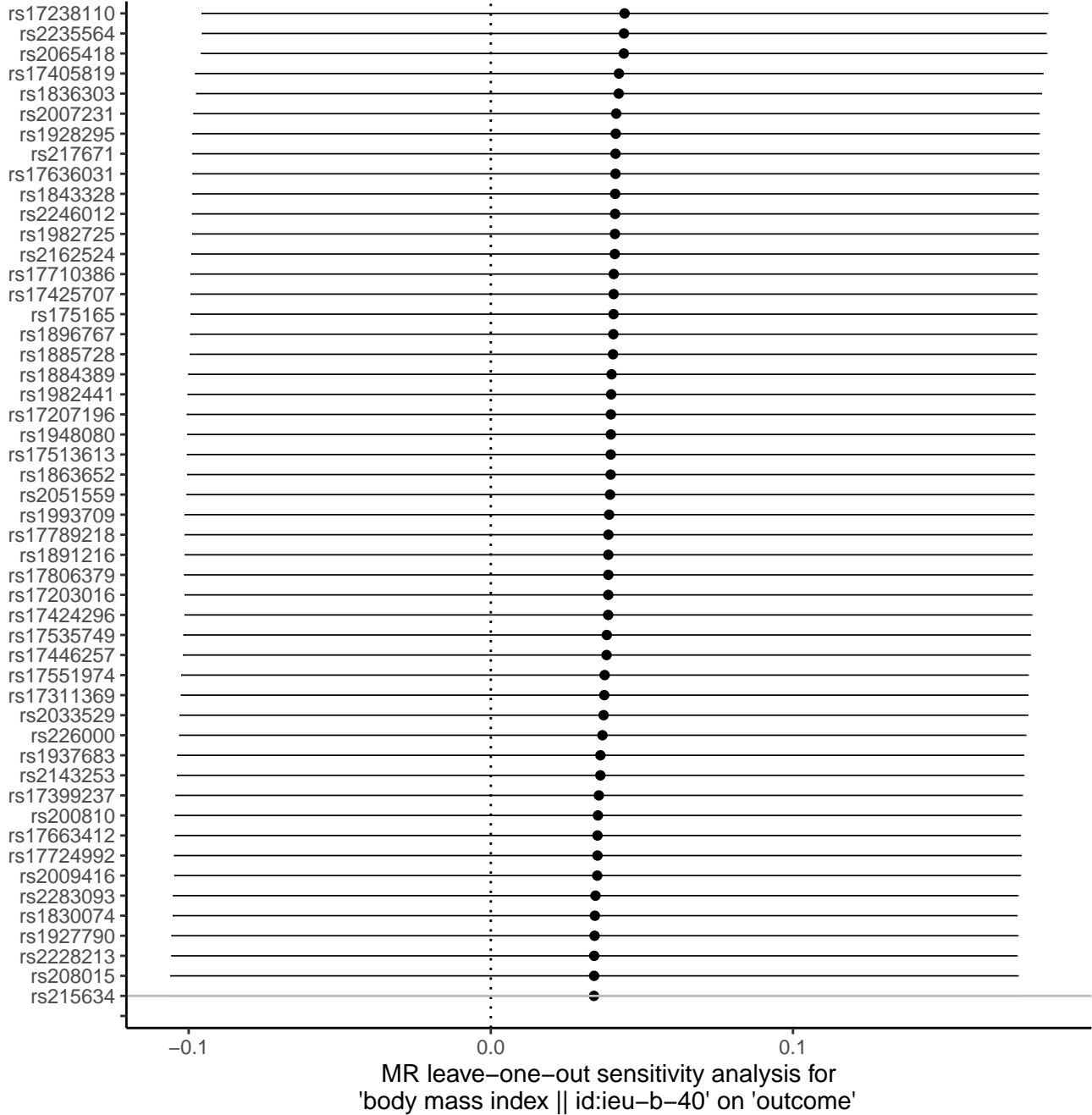
MR Egger

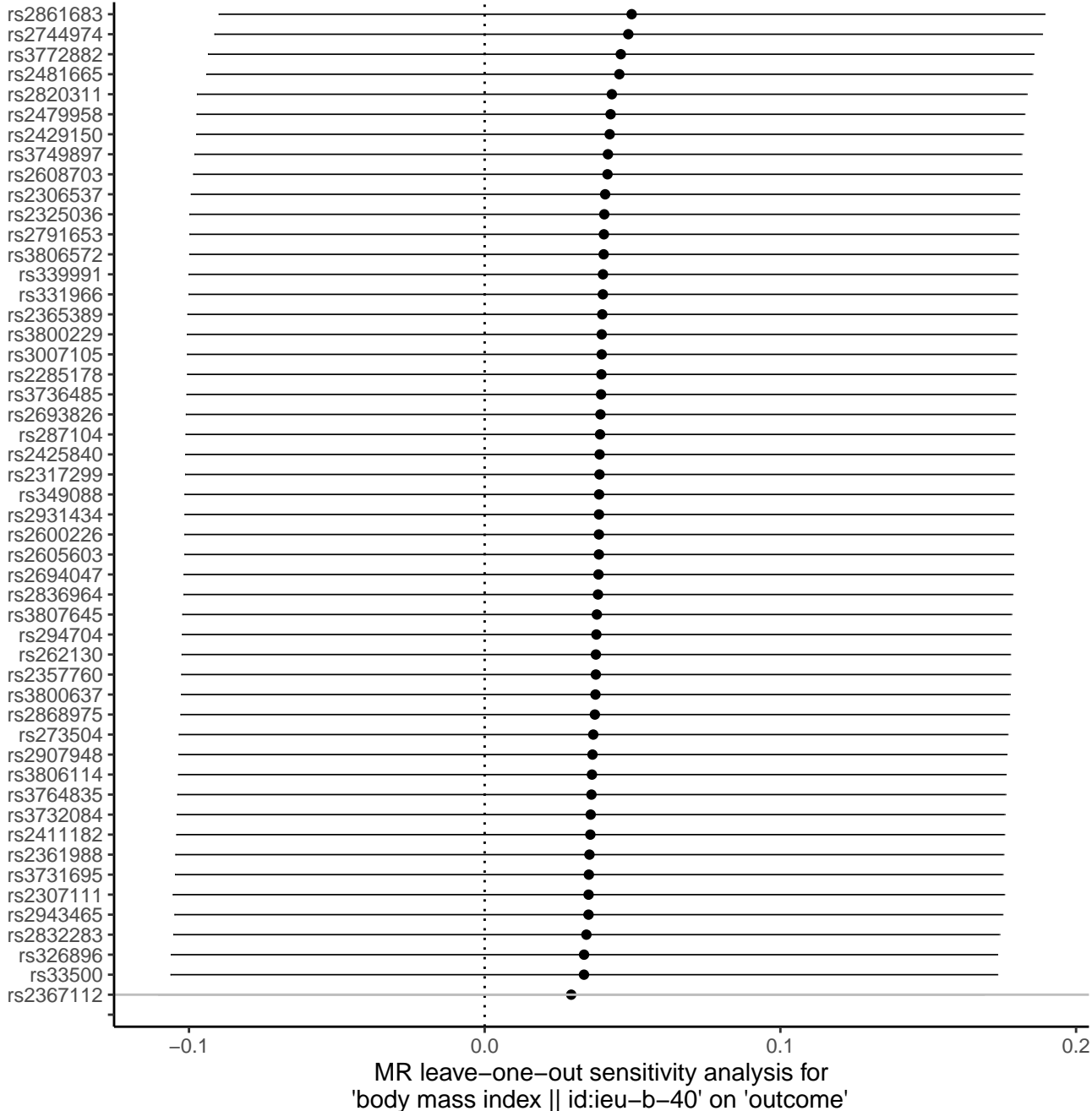


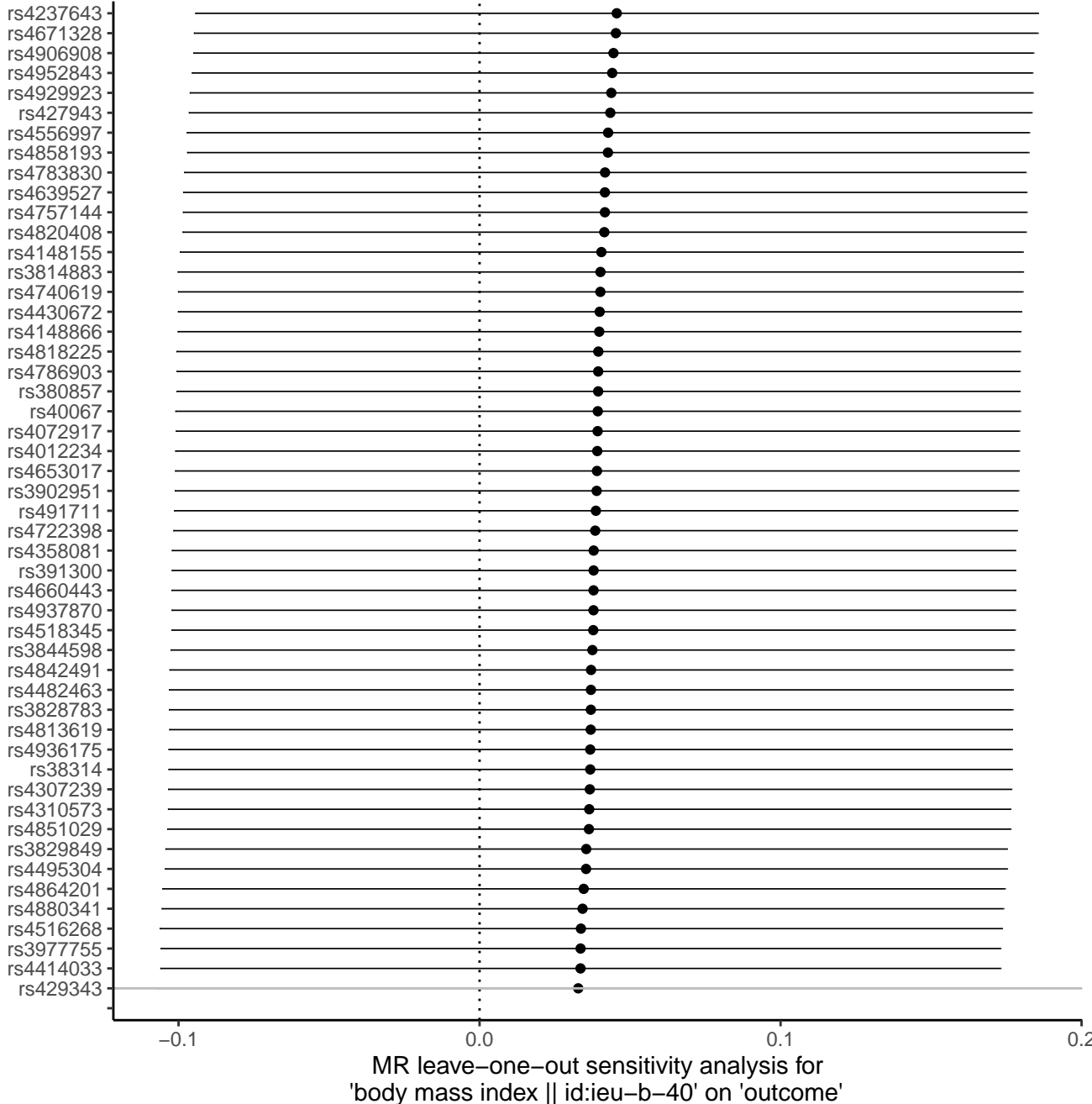


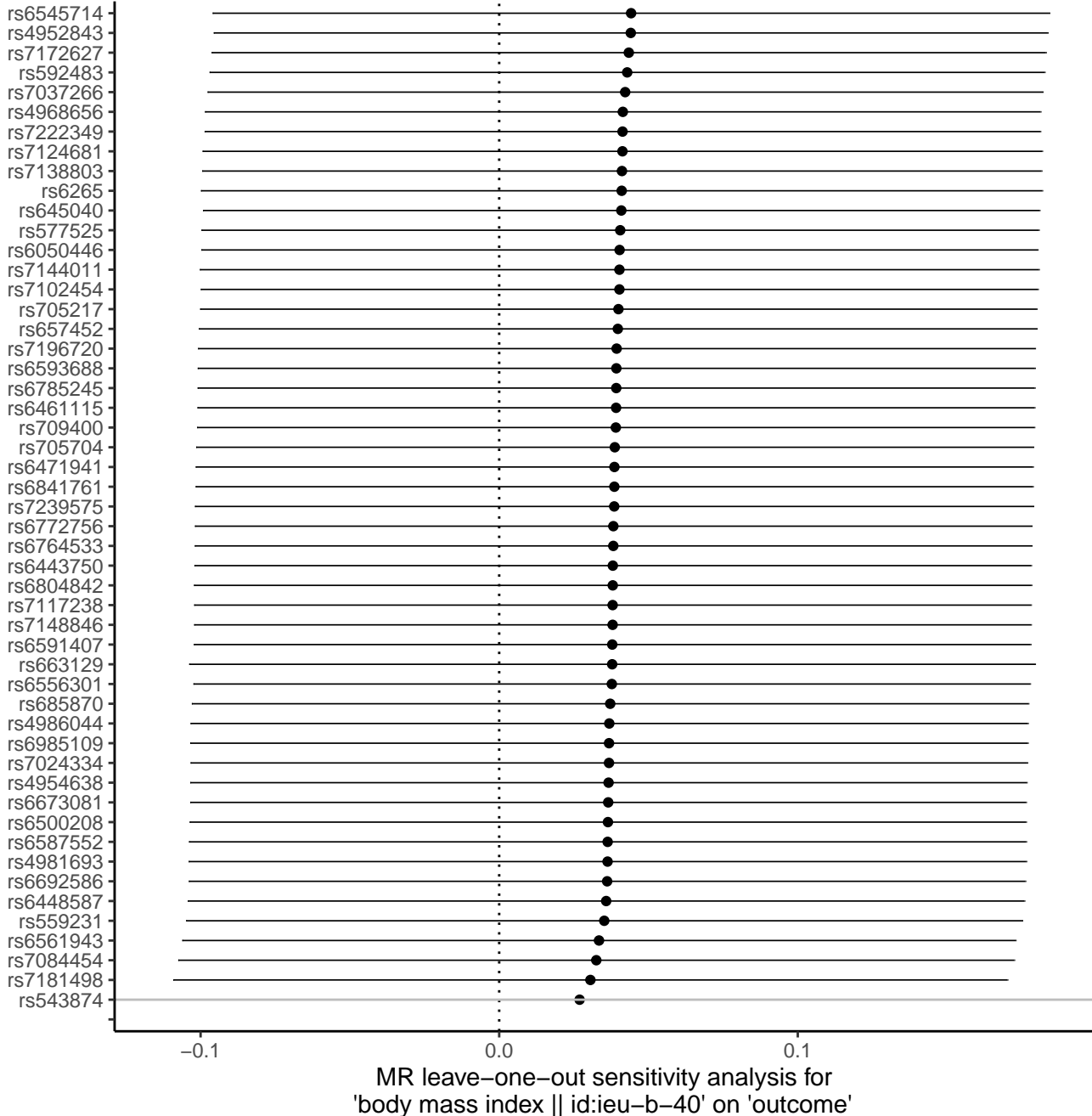


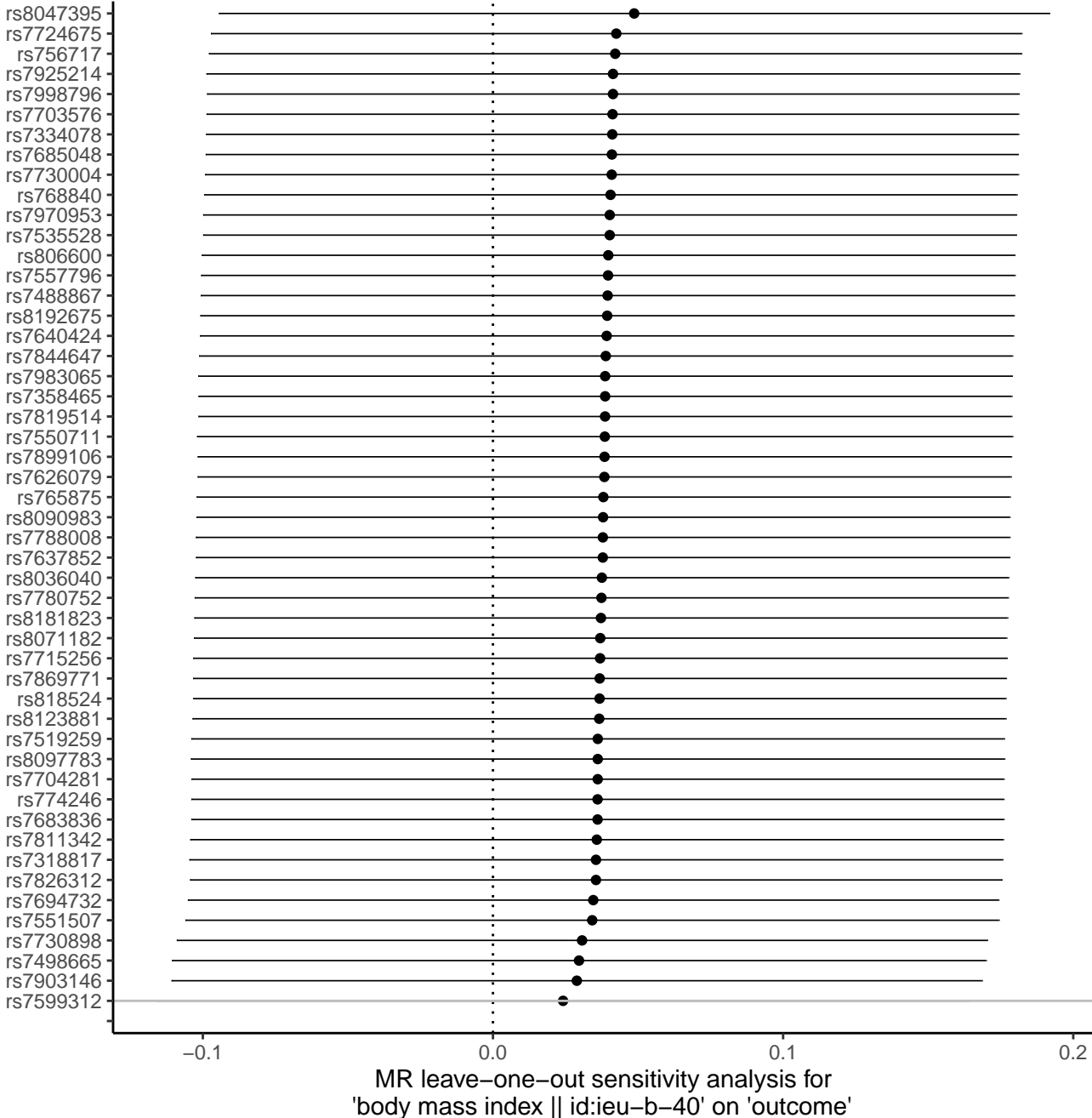


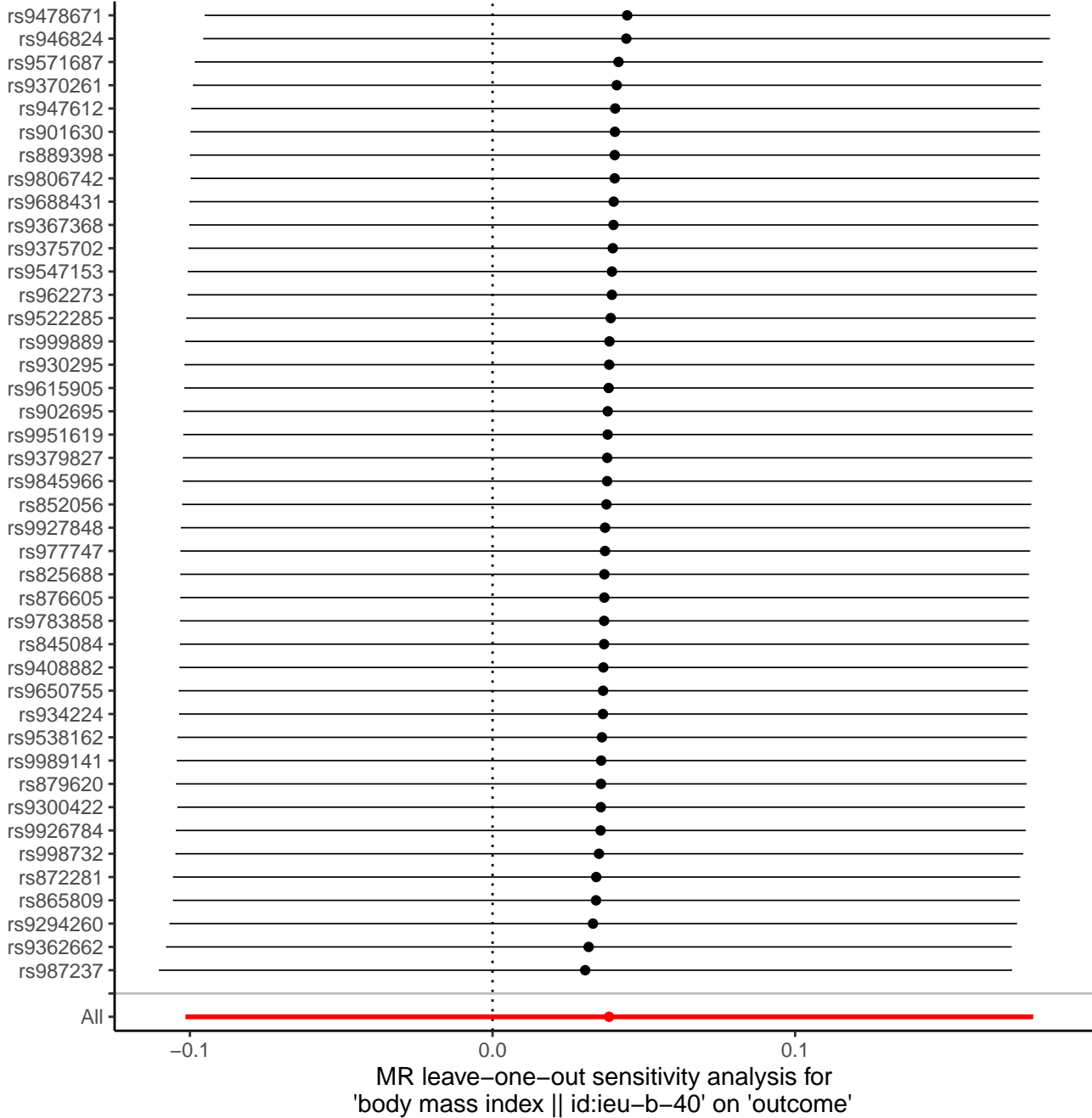




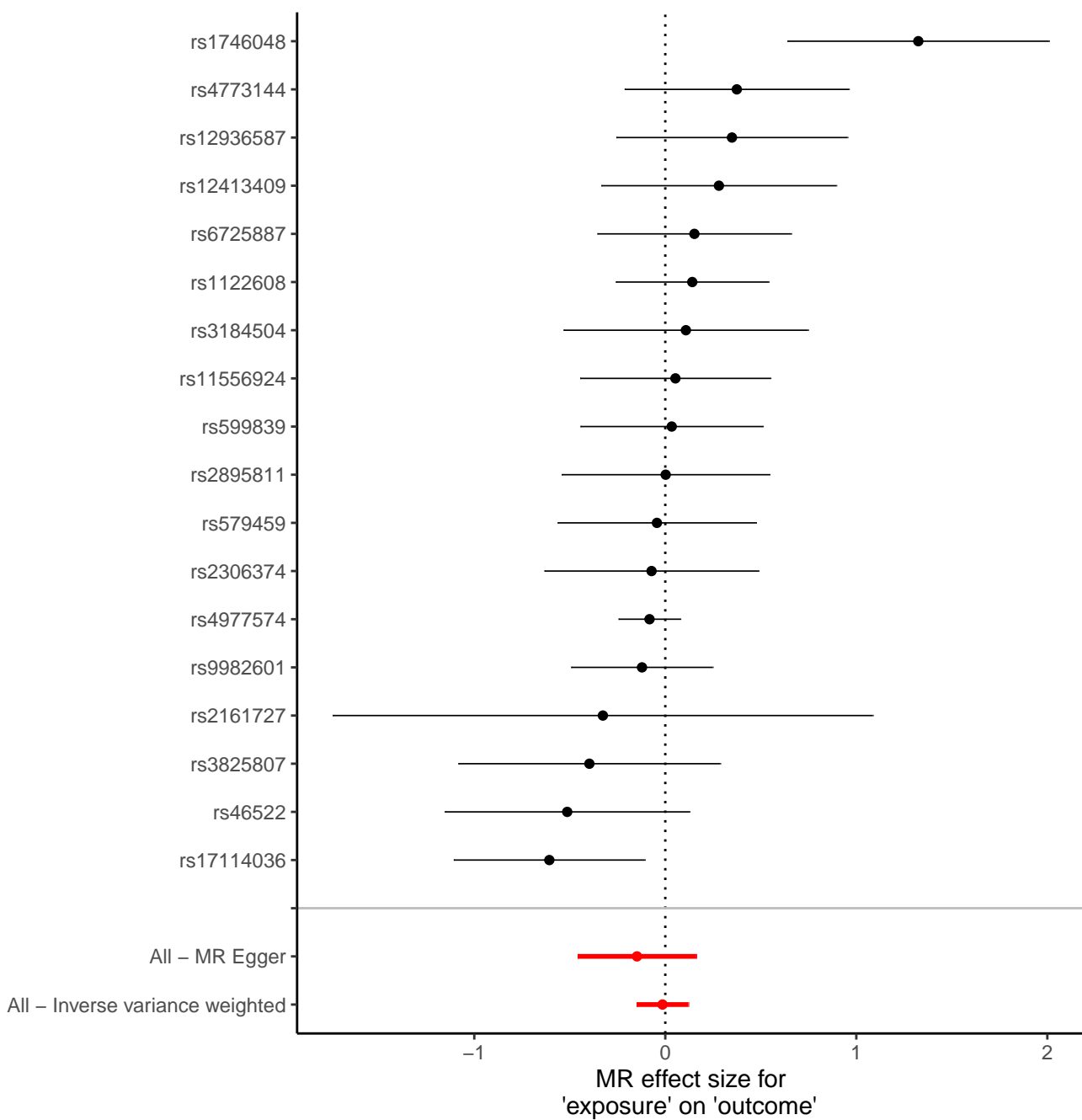






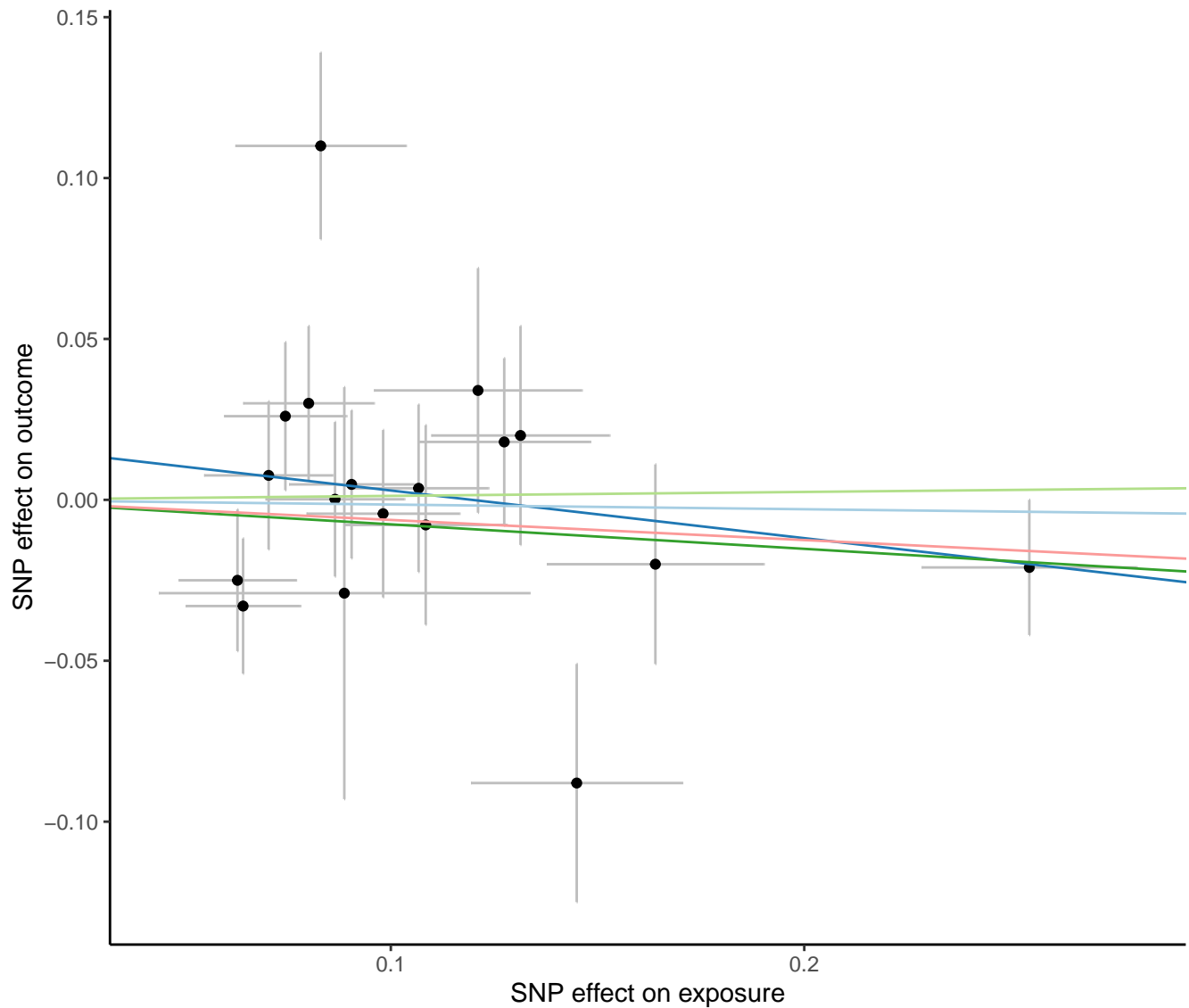


Exposure: Coronary Artery Disease, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis



MR Test

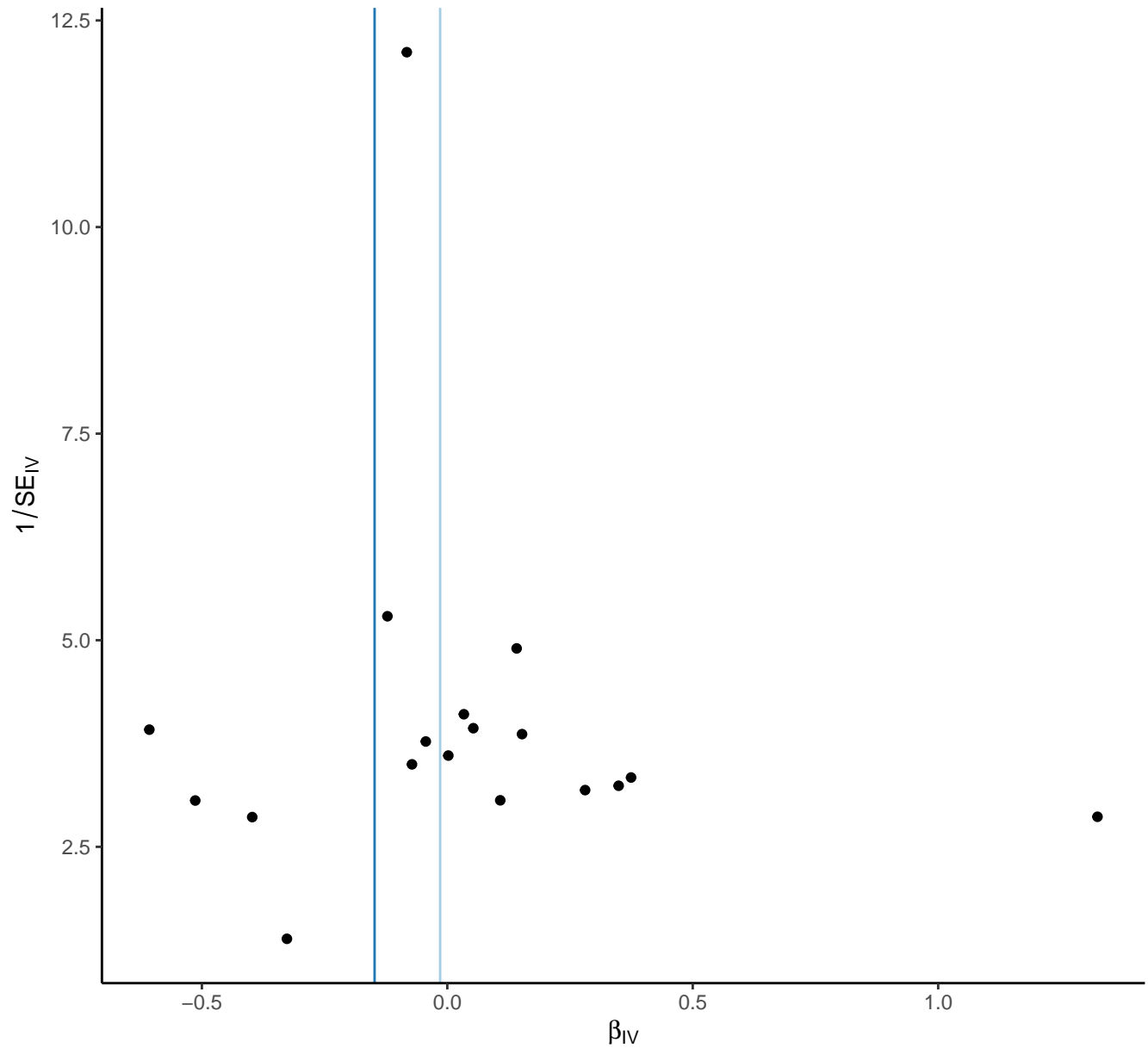
- Inverse variance weighted
- MR Egger
- Simple mode
- Weighted median
- Weighted mode

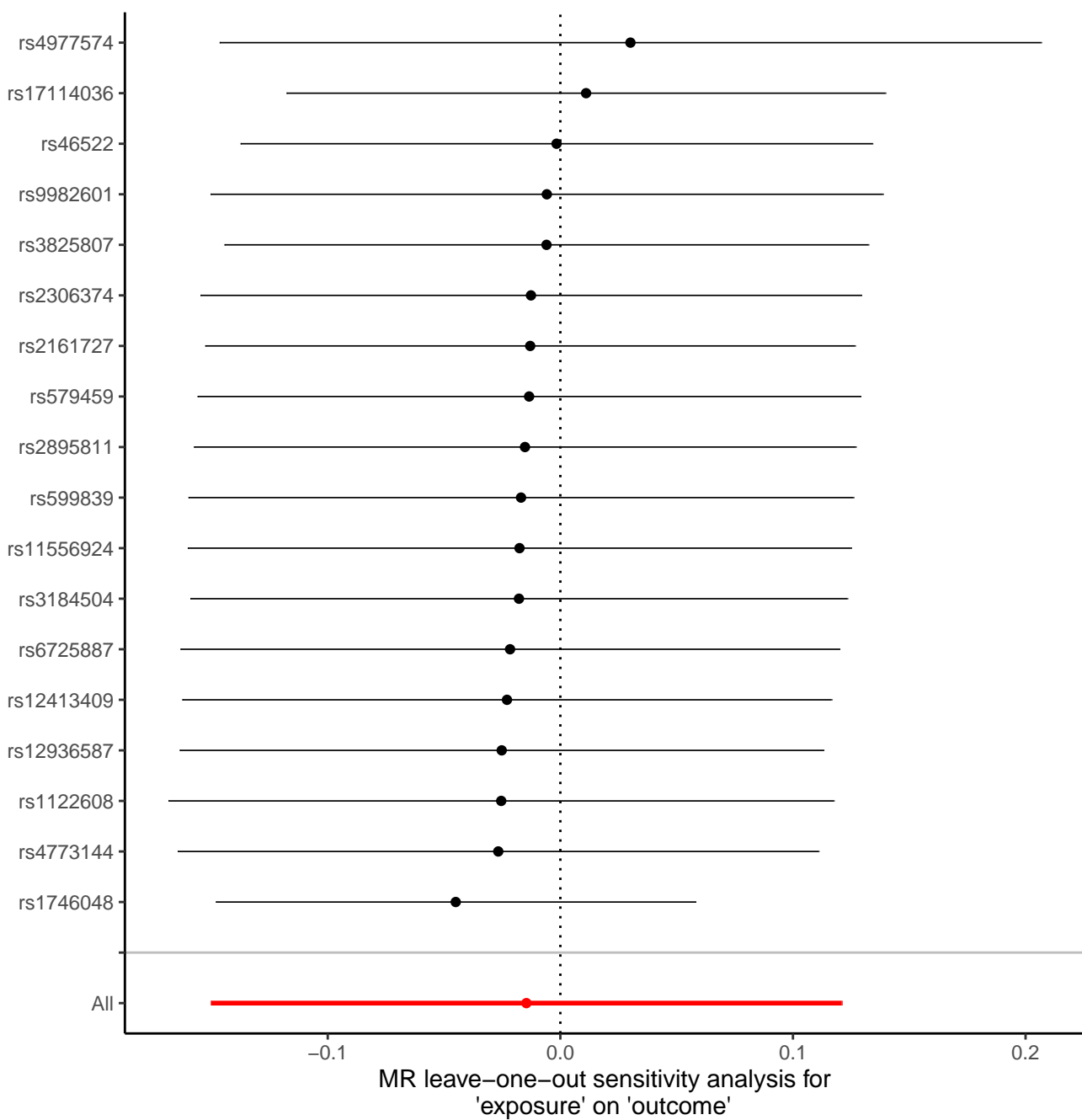


MR Method

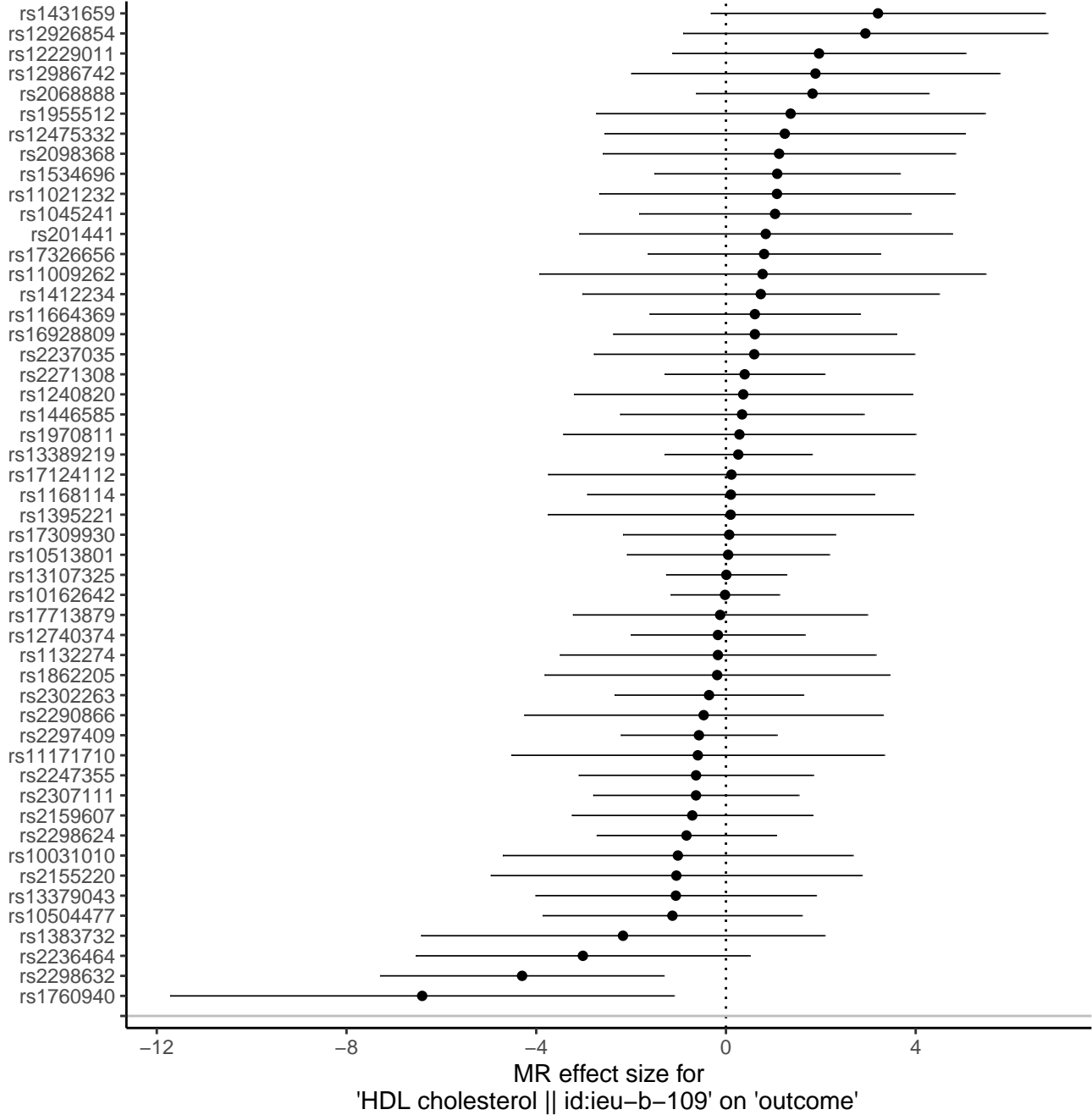
Inverse variance weighted

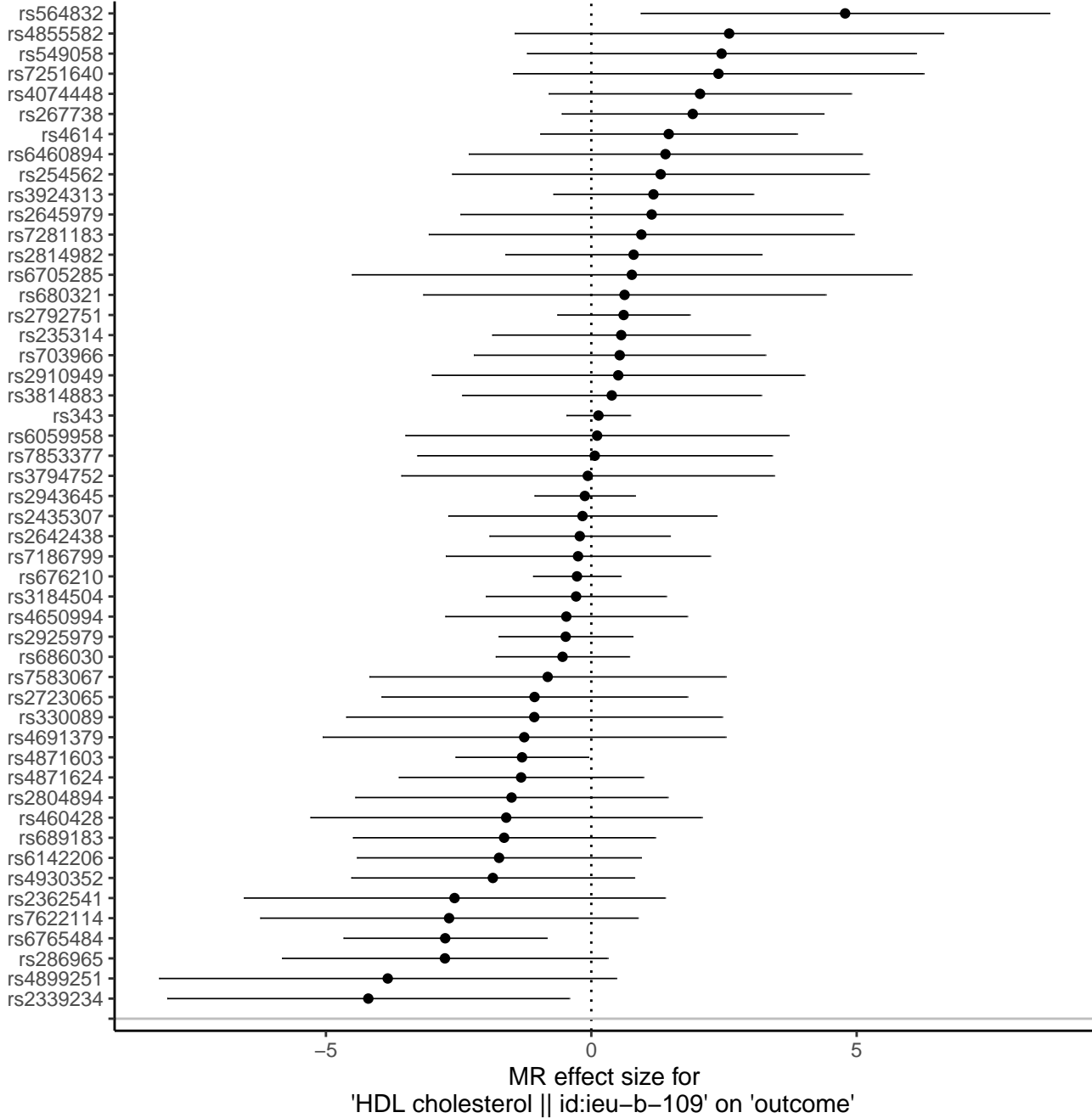
MR Egger

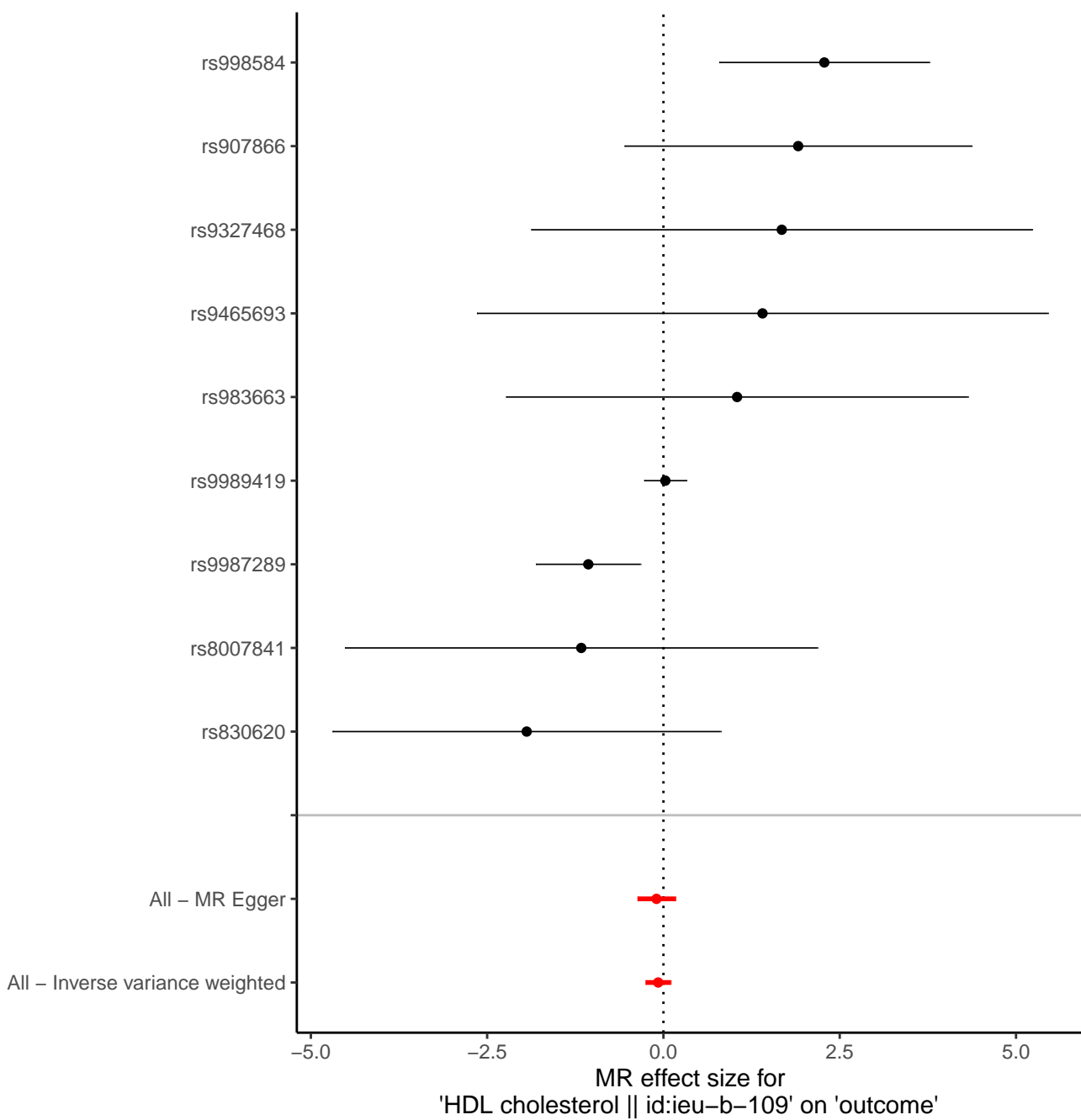




Exposure: High Density Lipoprotein, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis

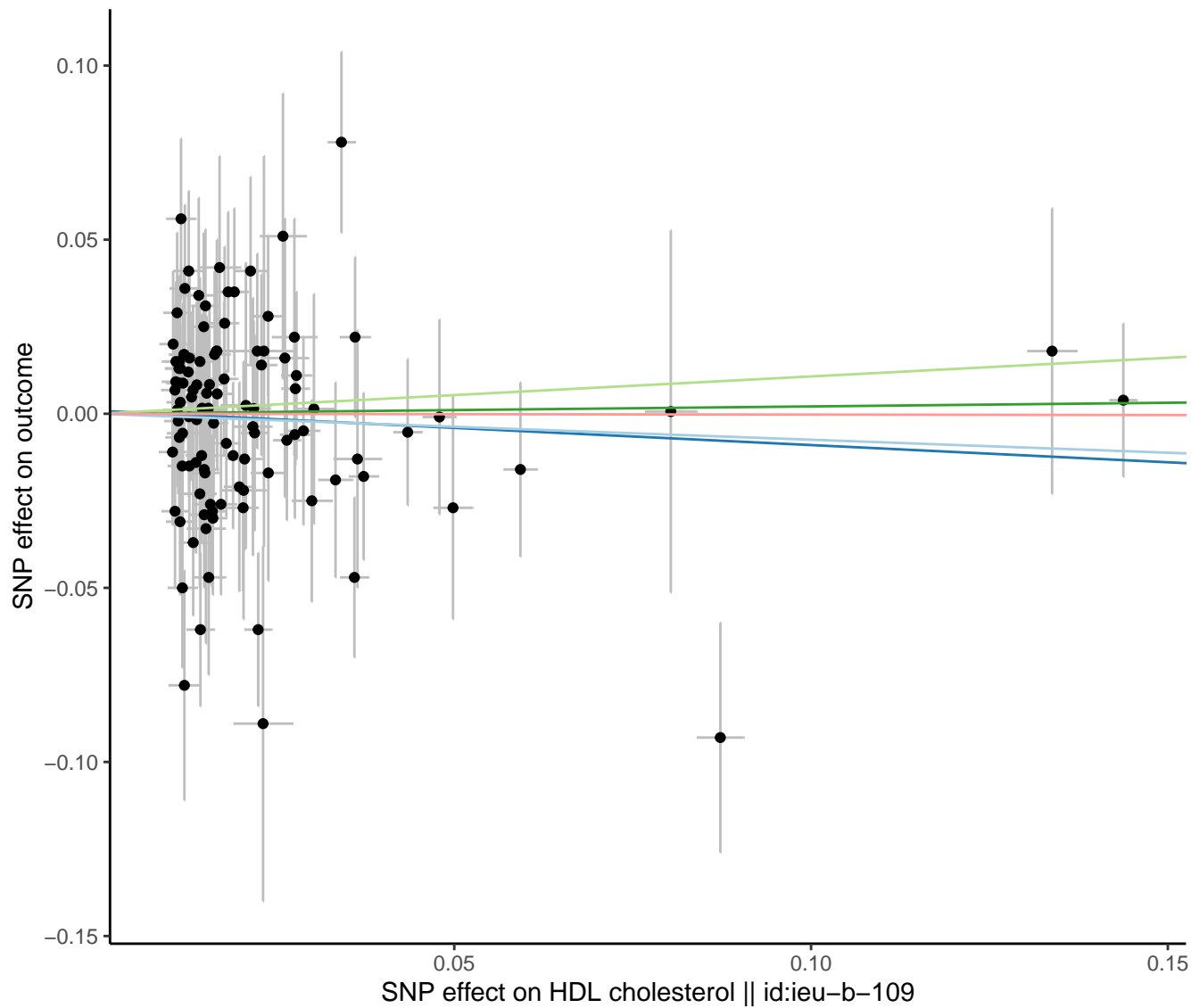






MR Test

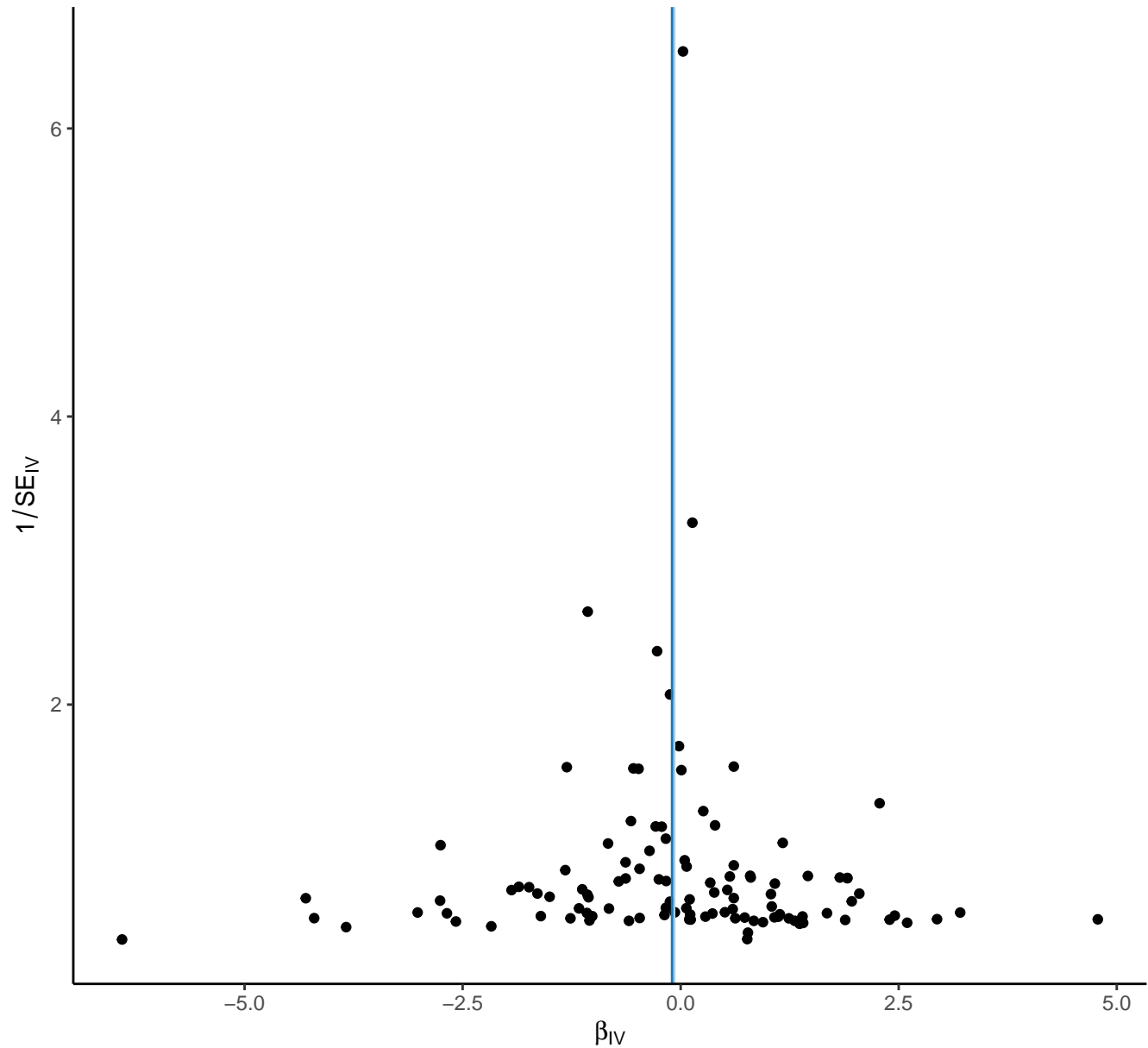
- Inverse variance weighted
- MR Egger
- Simple mode
- Weighted median
- Weighted mode

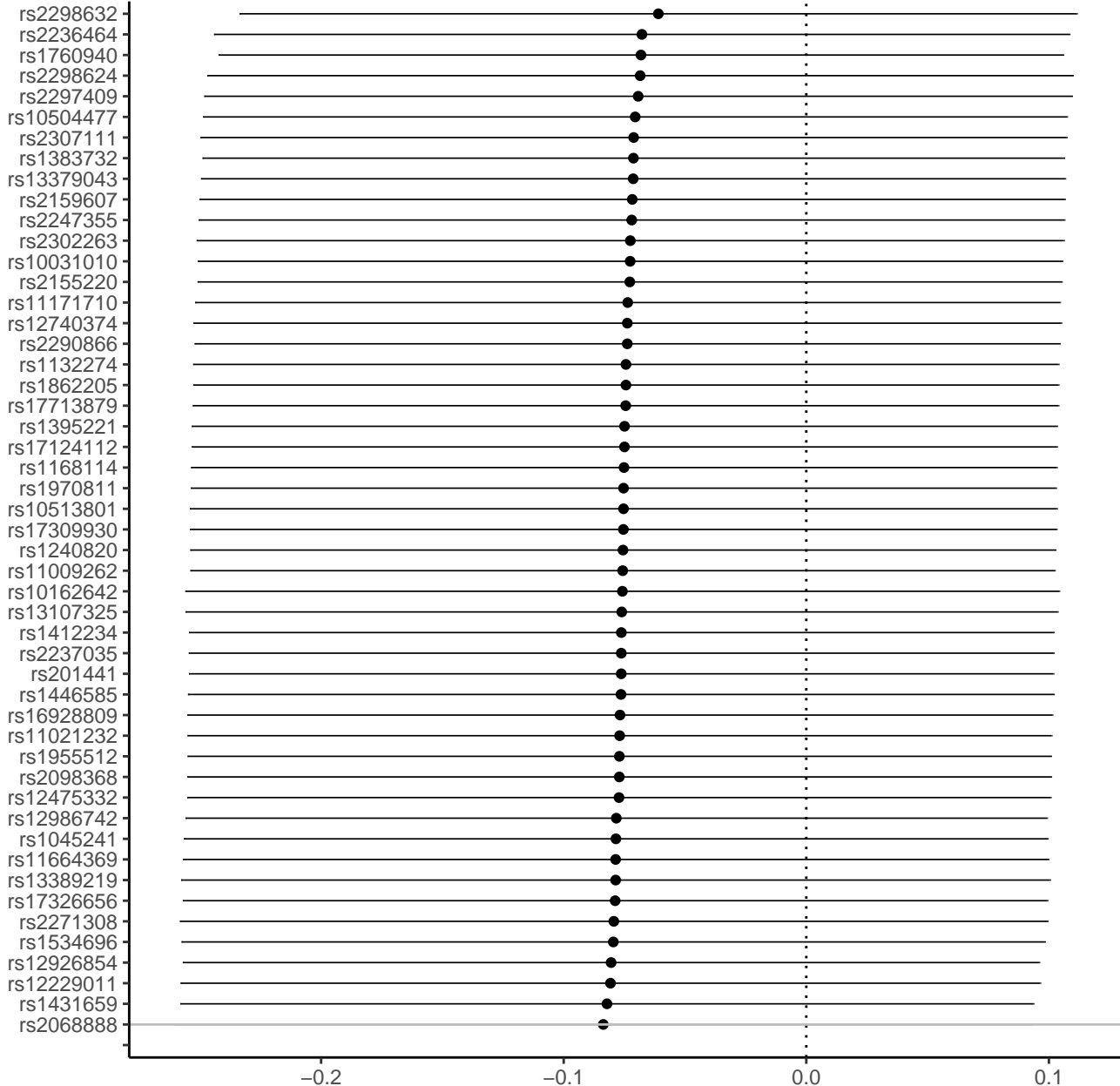


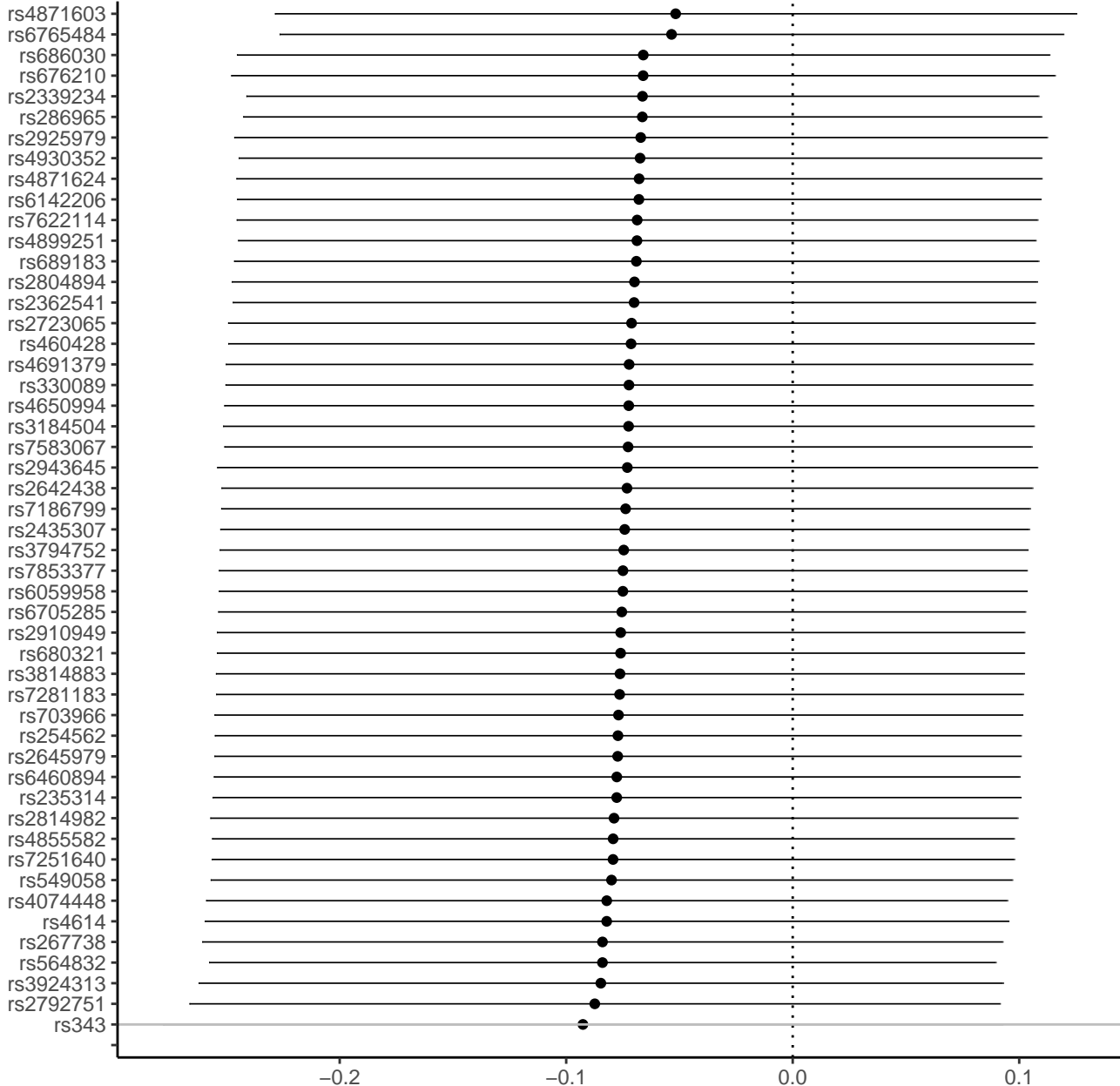
MR Method

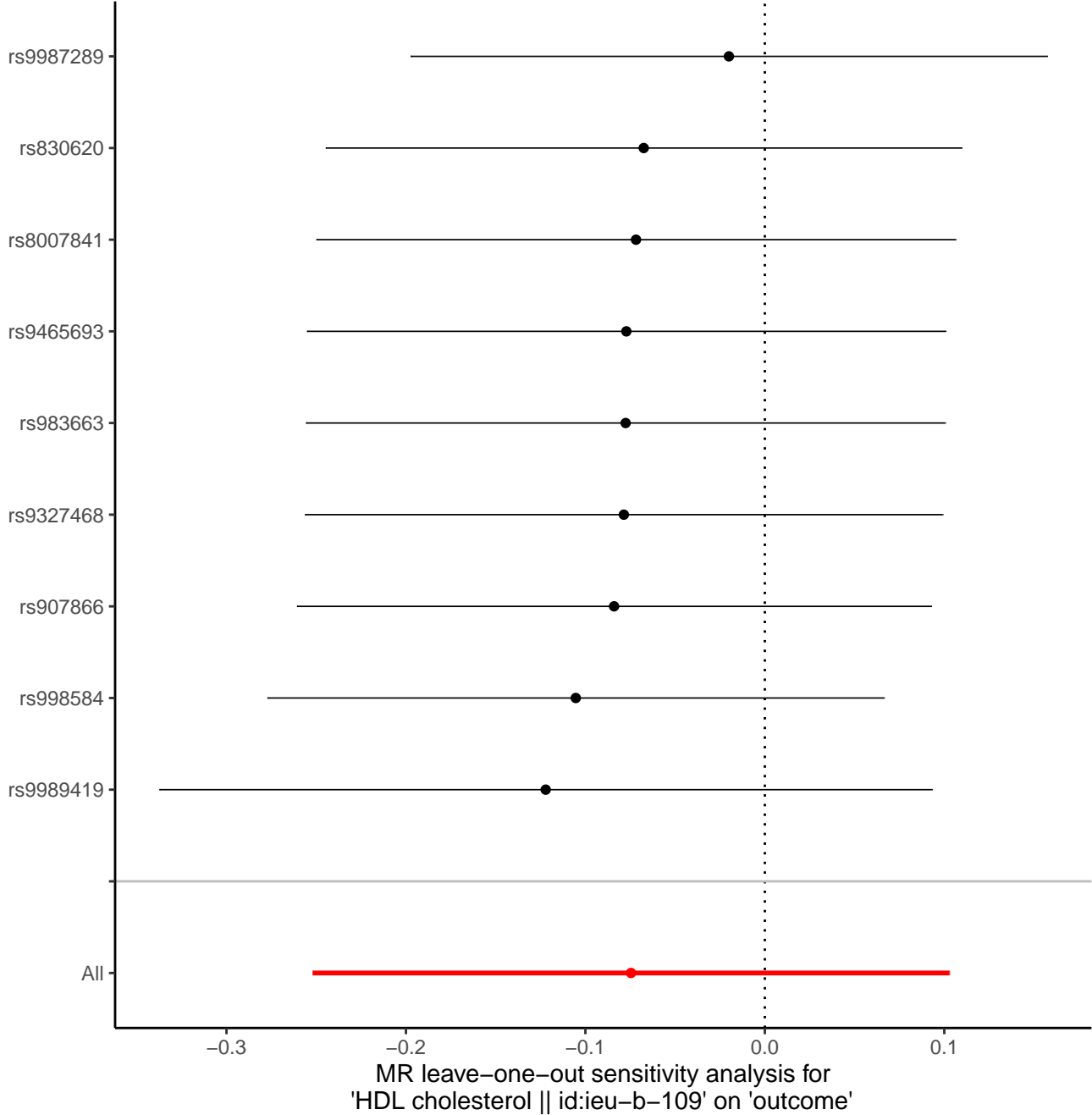
Inverse variance weighted

MR Egger

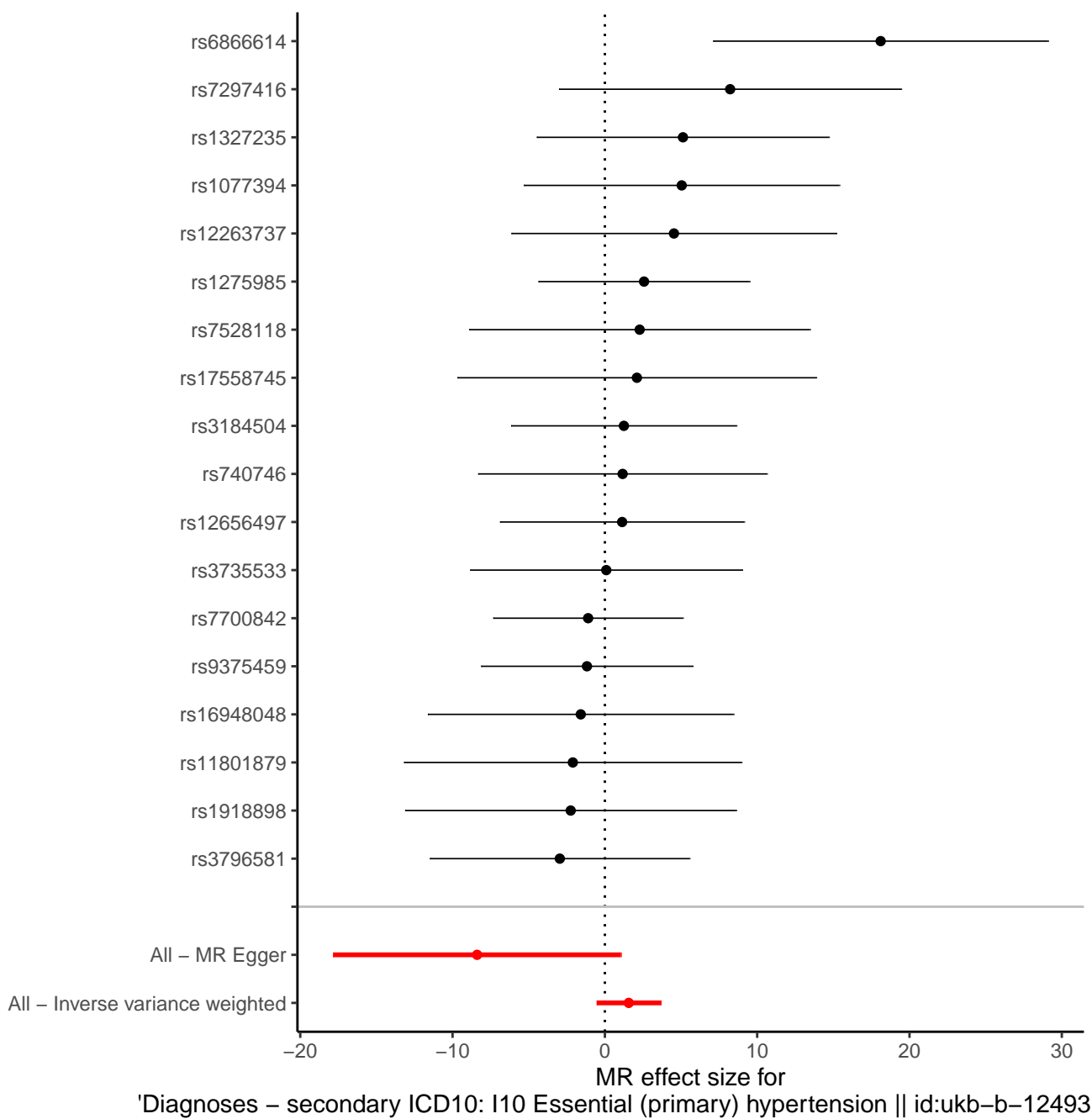






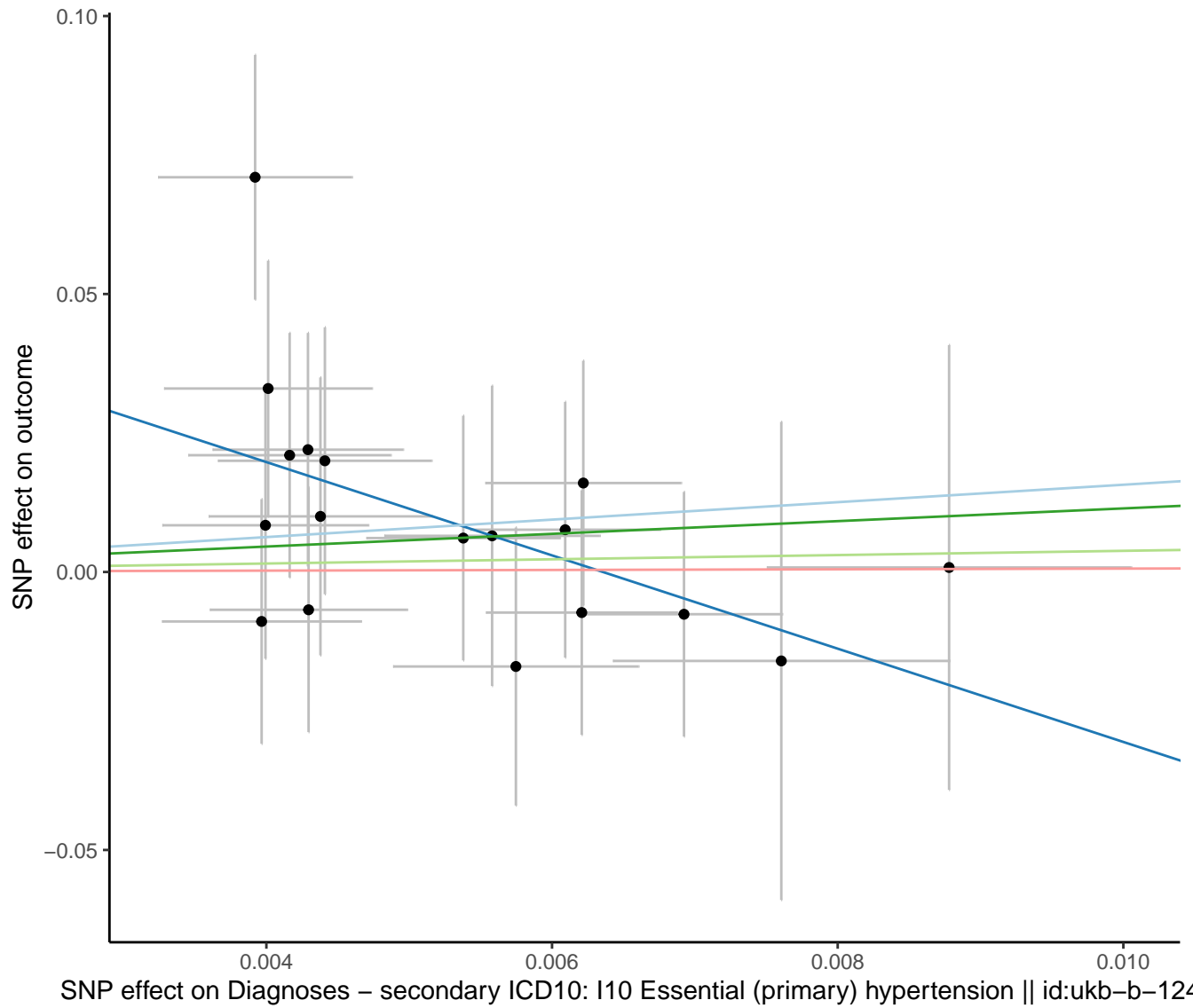


Exposure: Hypertension, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis



MR Test

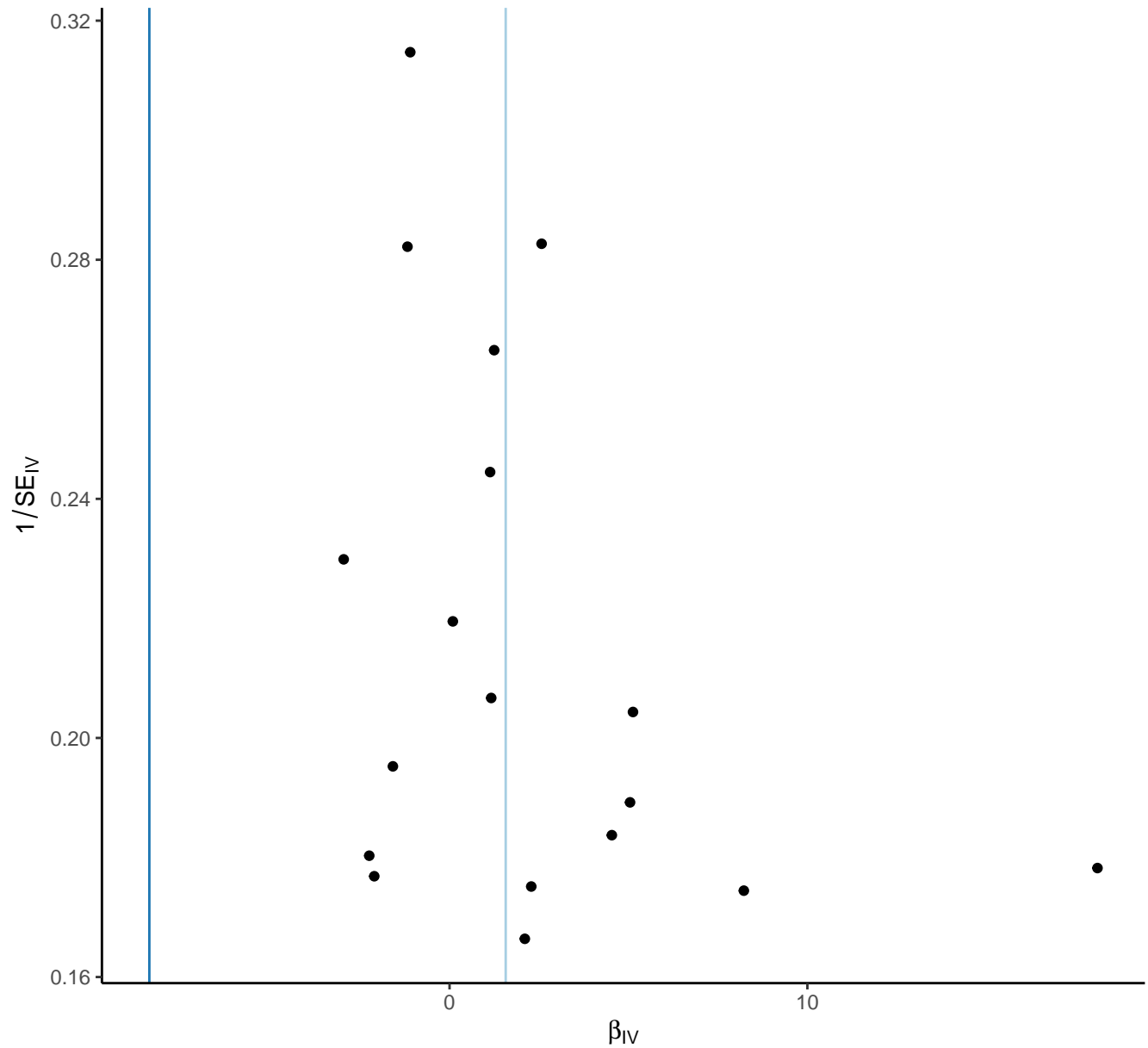
- Inverse variance weighted
- MR Egger
- Simple mode
- Weighted median
- Weighted mode

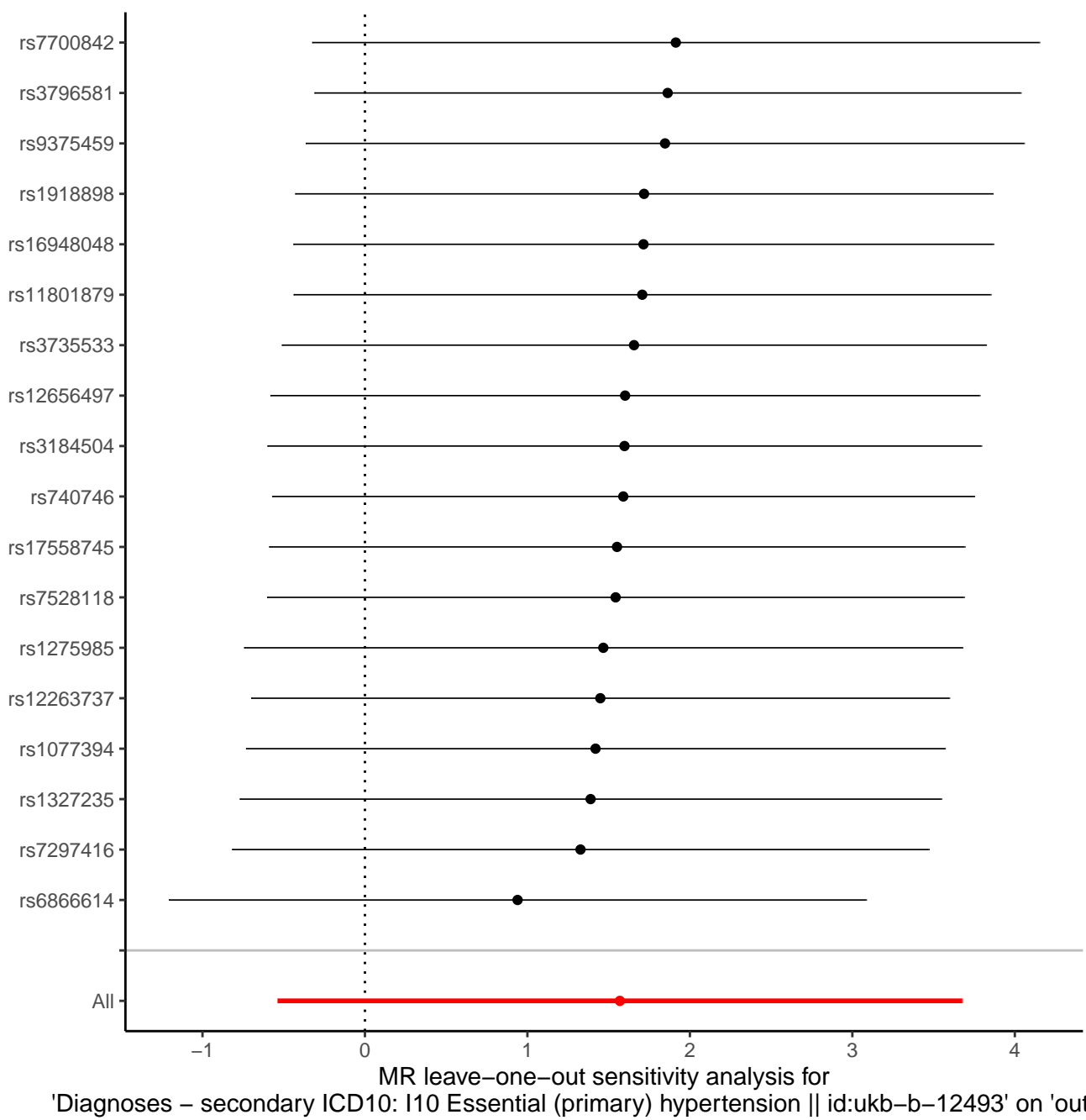


MR Method

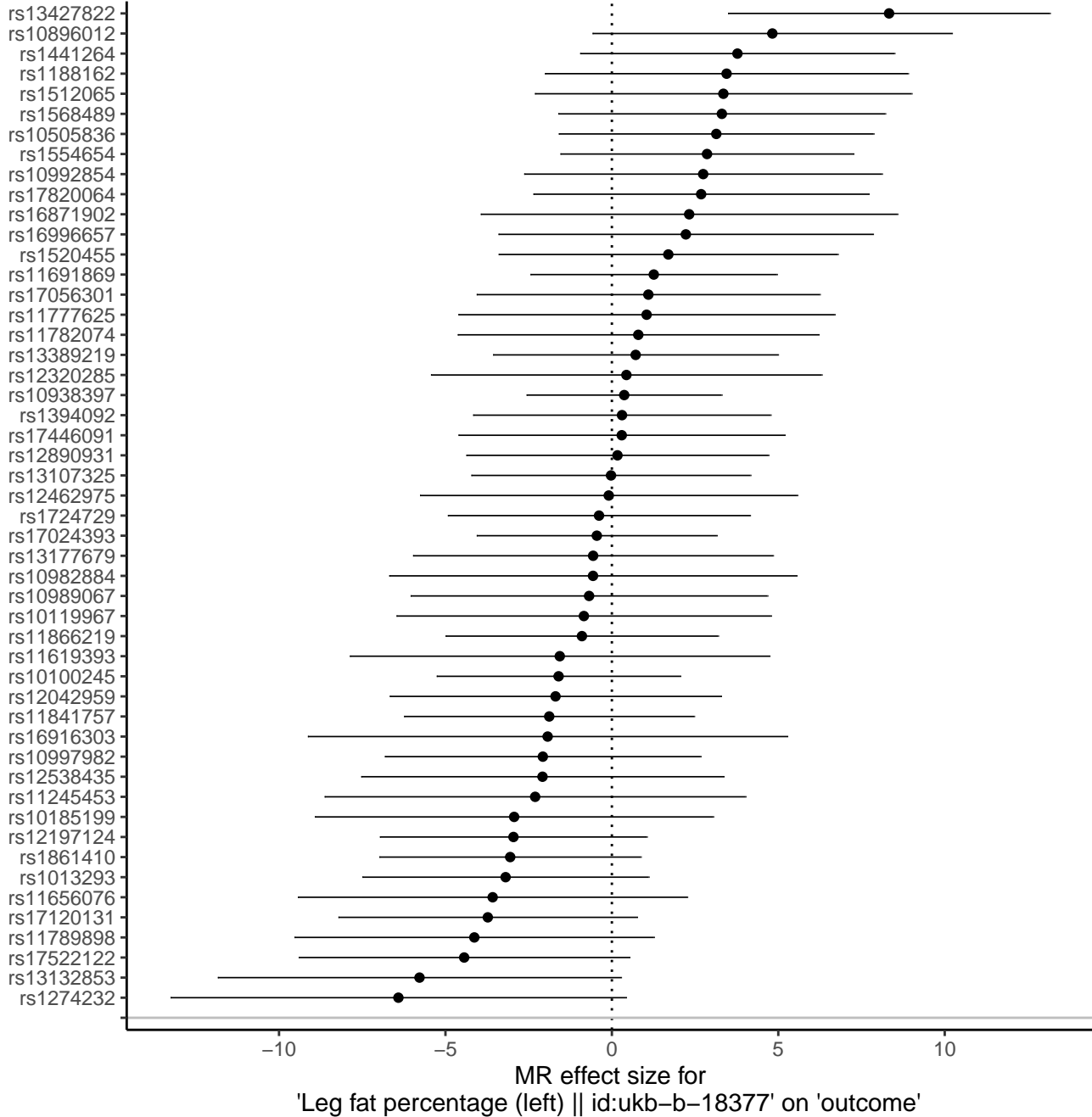
Inverse variance weighted

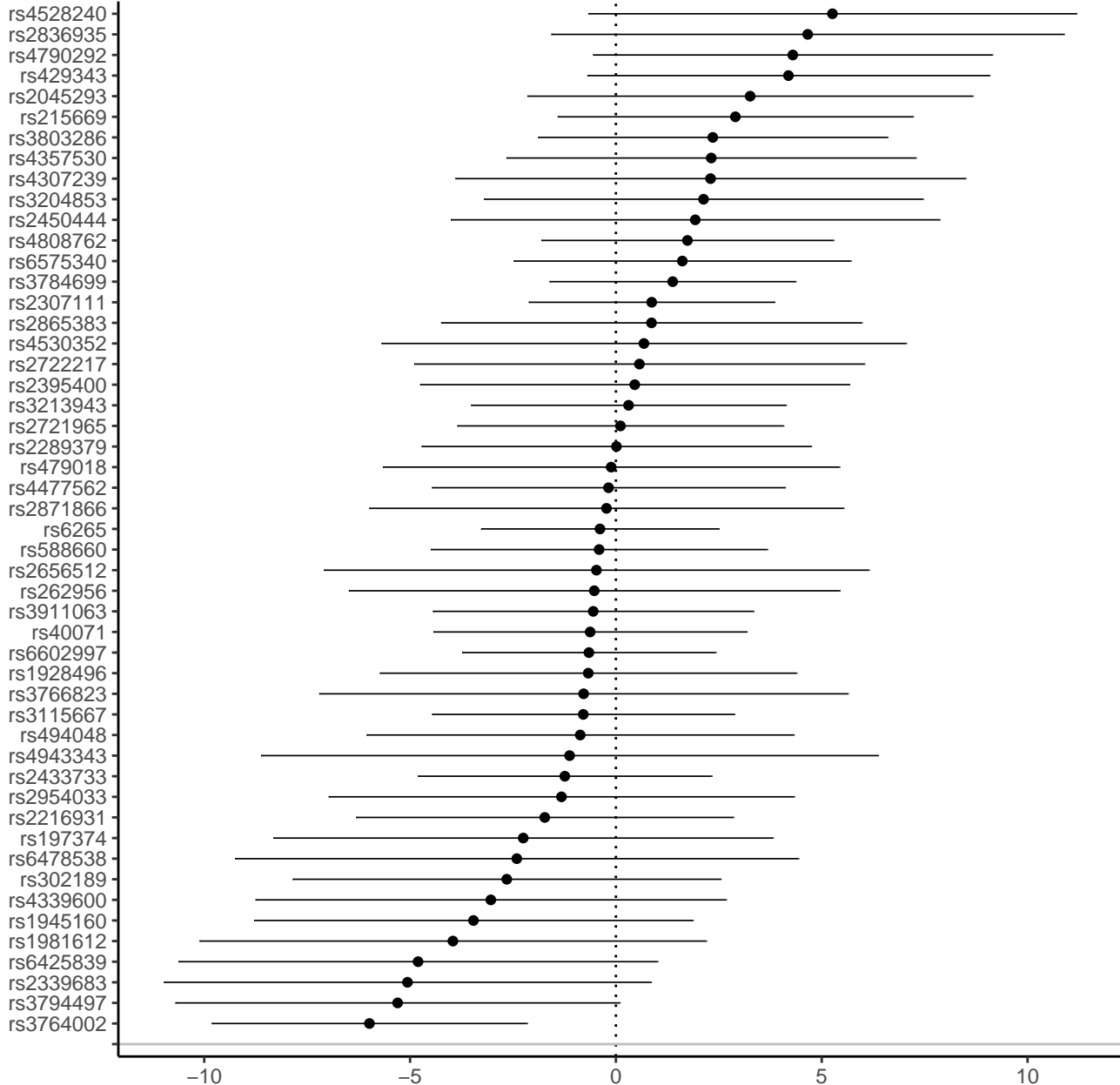
MR Egger



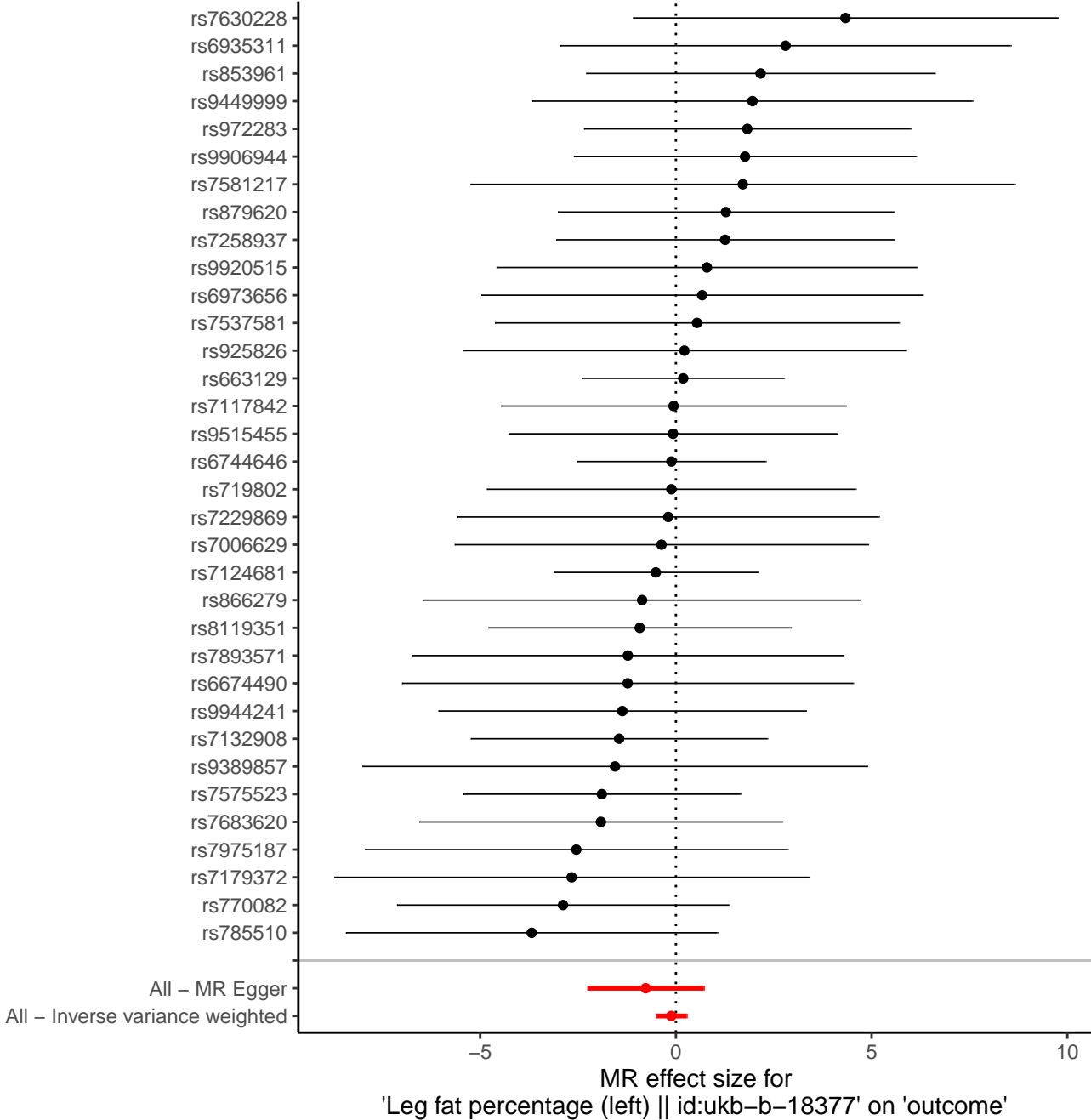


Exposure: Leg Fat Percent - Left, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis



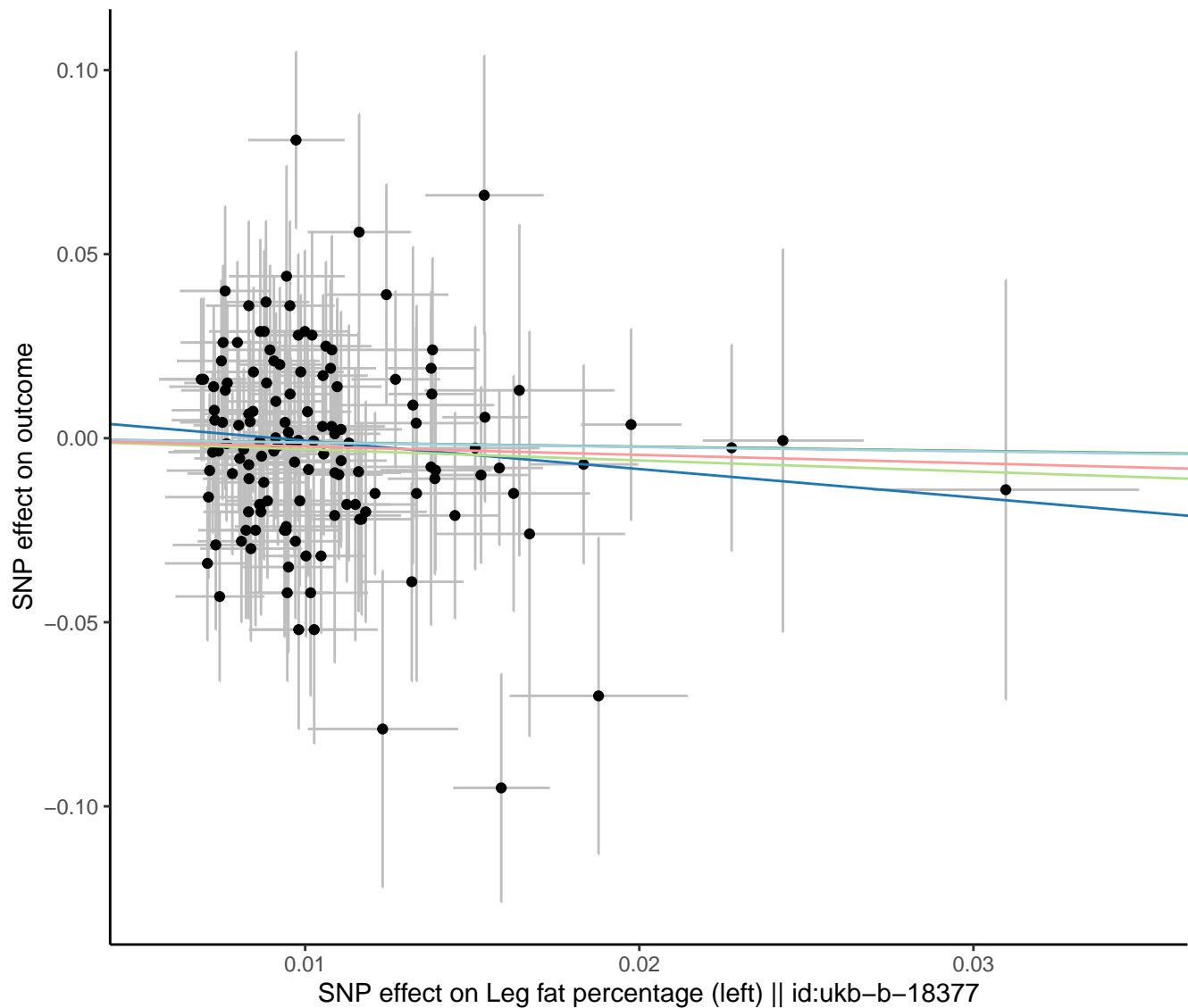


MR effect size for
'Leg fat percentage (left) || id:ukb-b-18377' on 'outcome'



MR Test

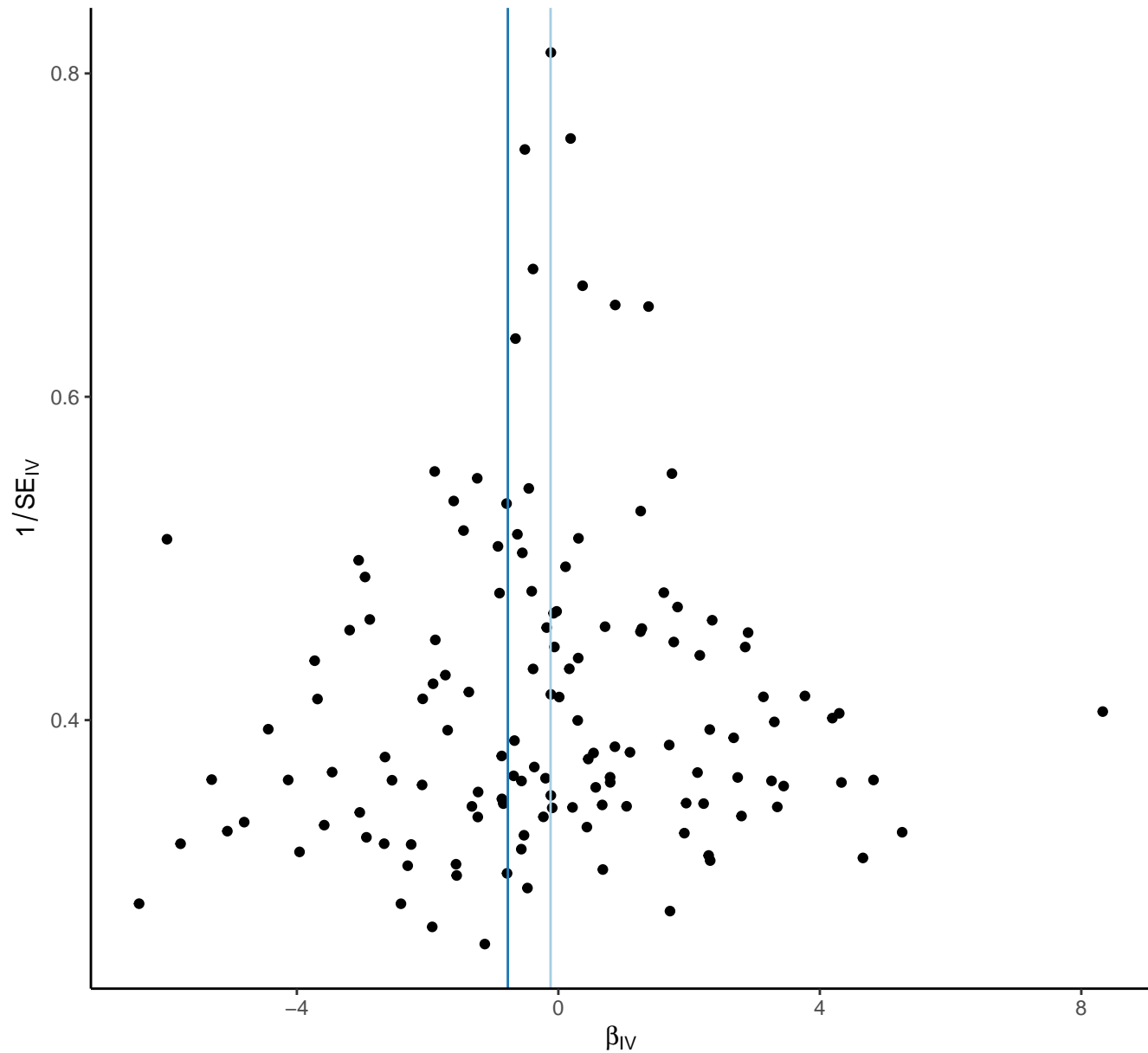
- Inverse variance weighted
- MR Egger
- Simple mode
- Weighted median
- Weighted mode

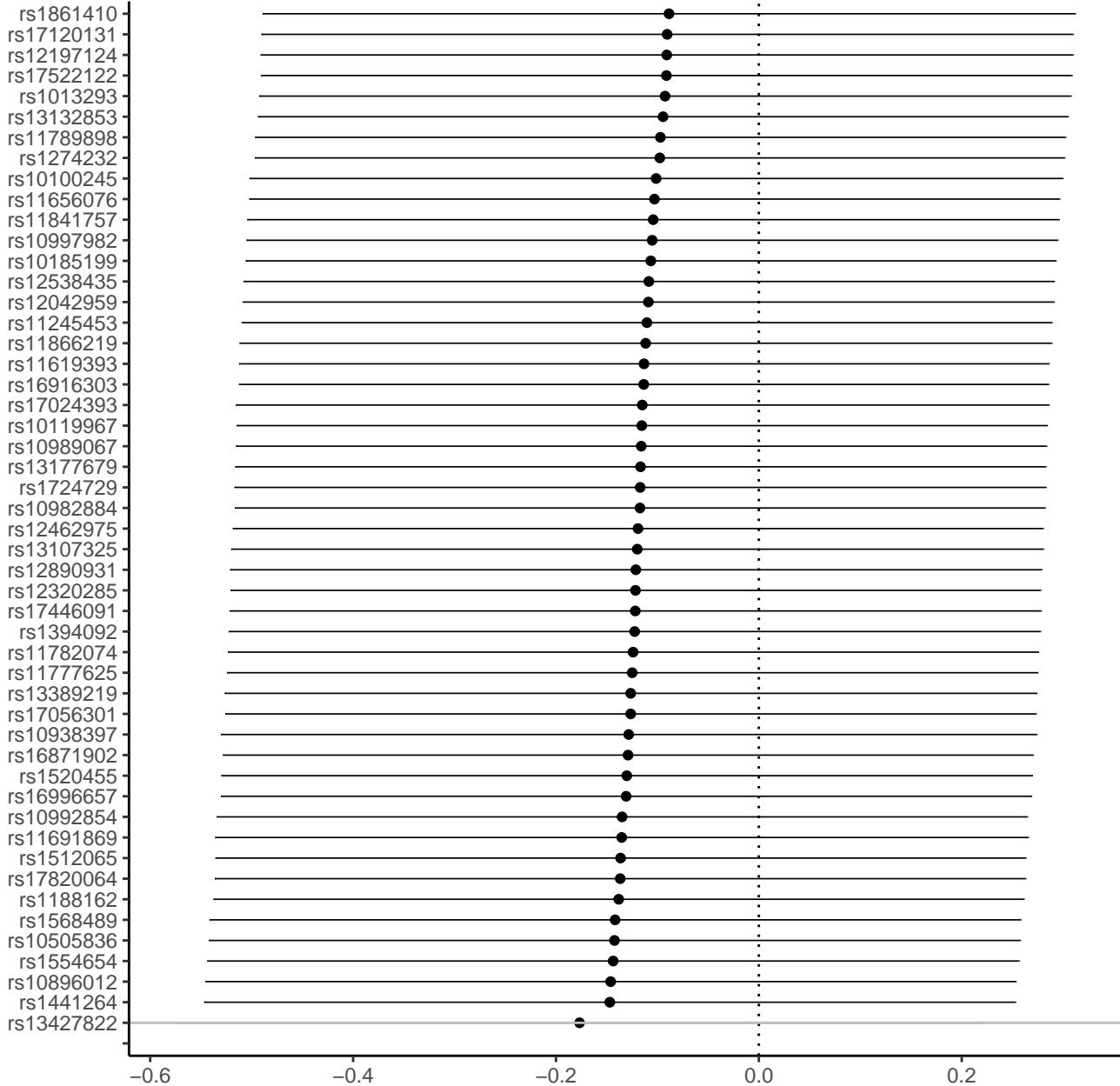


MR Method

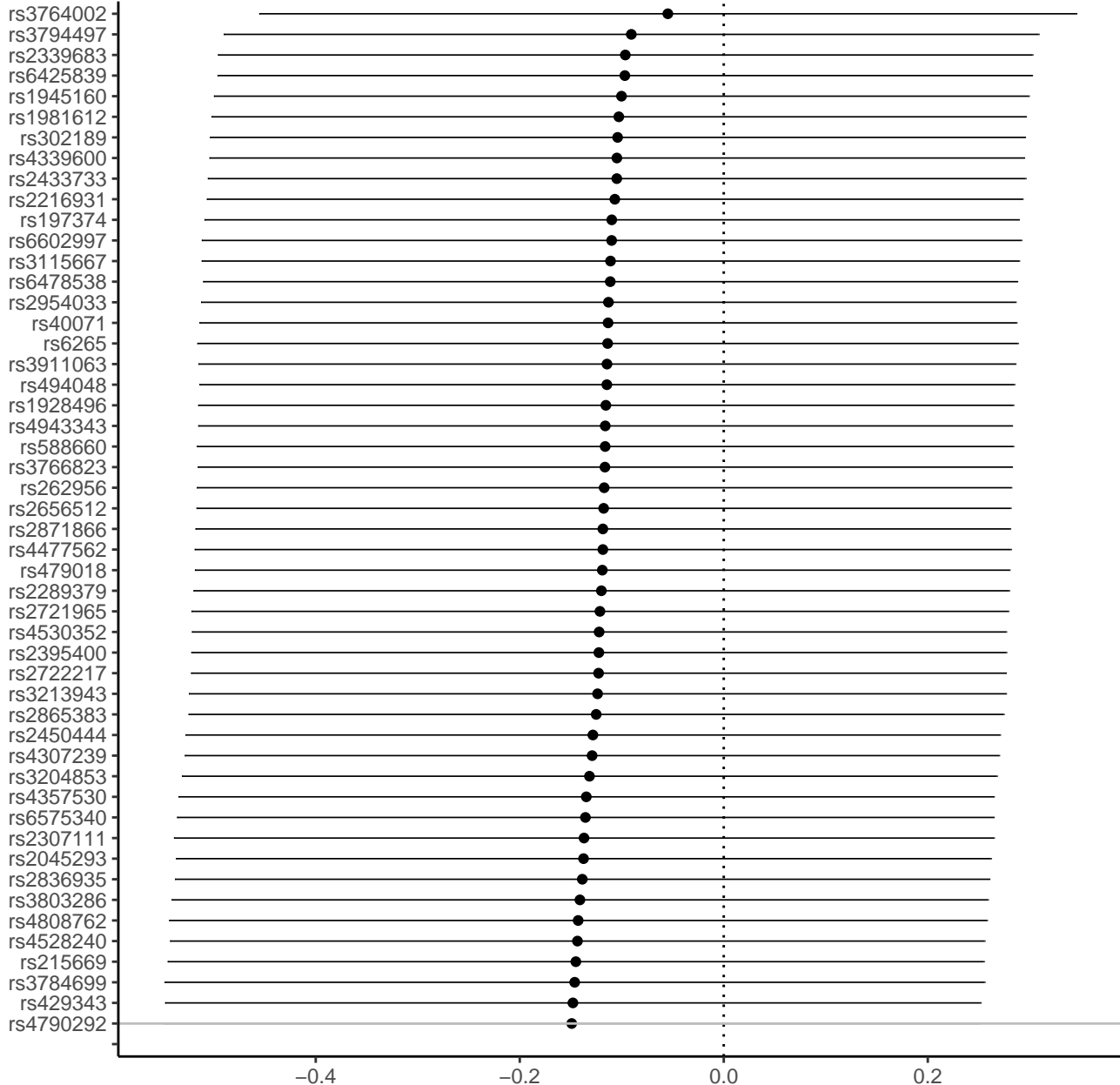
Inverse variance weighted

MR Egger

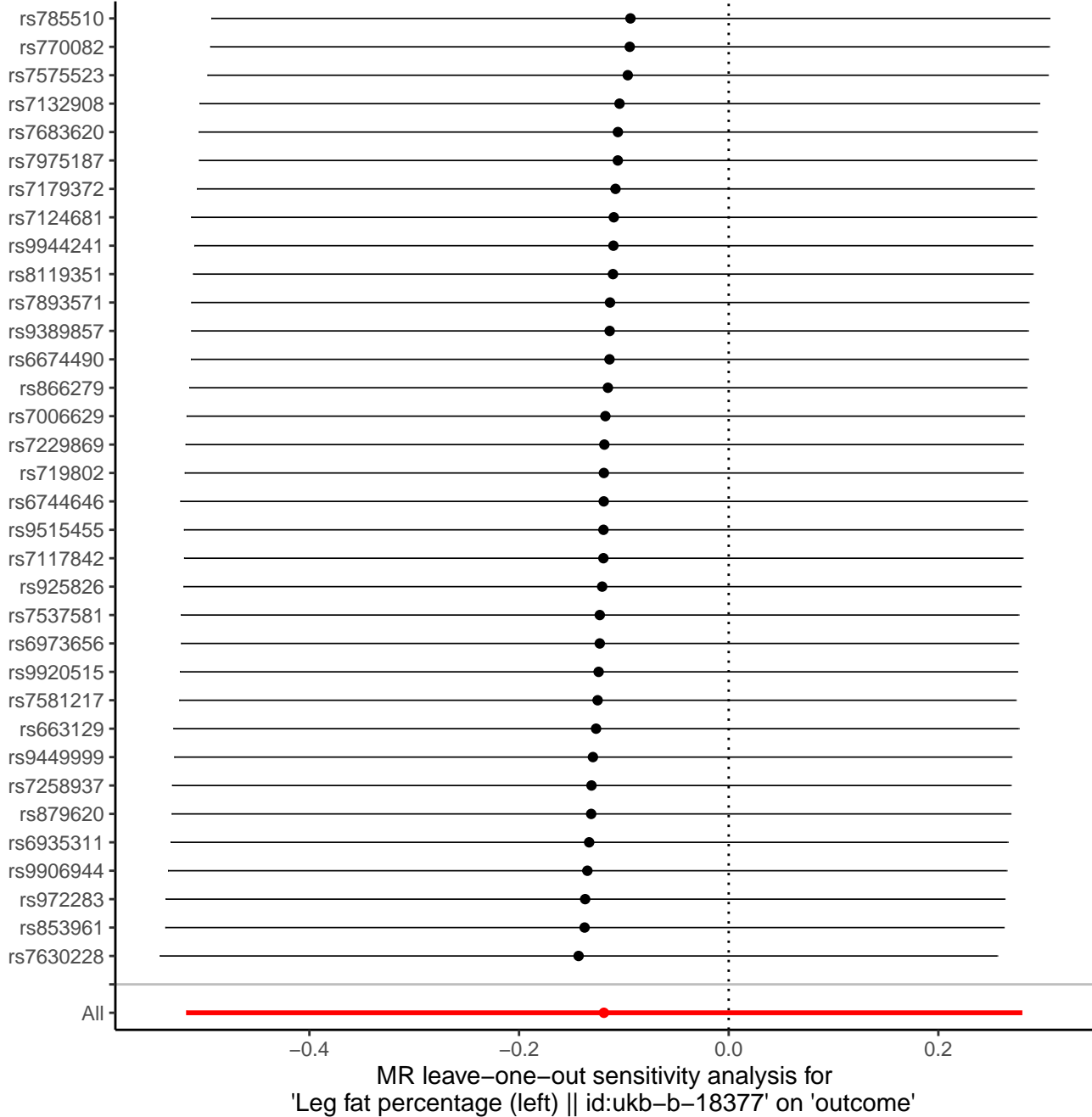




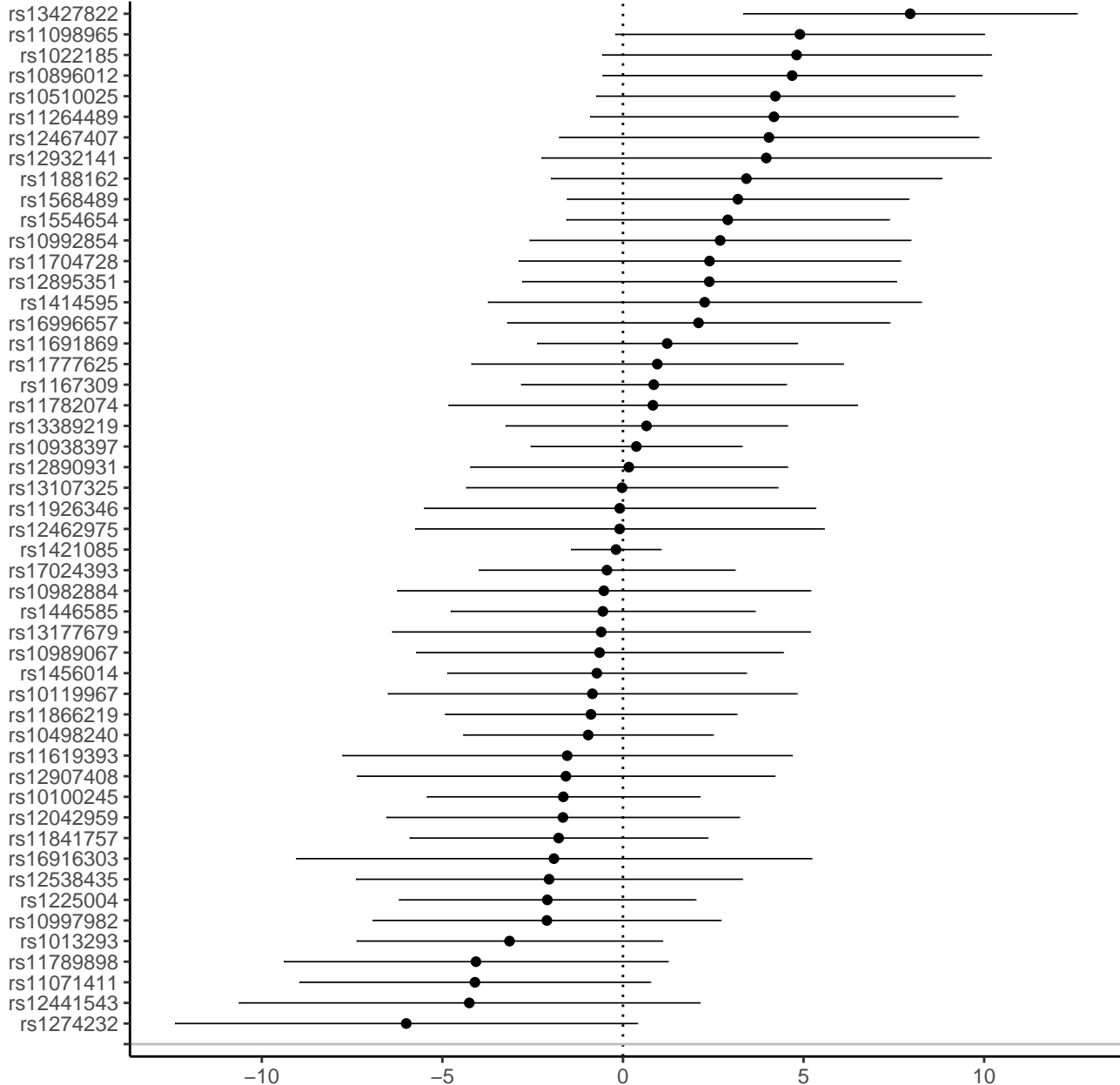
MR leave-one-out sensitivity analysis for
'Leg fat percentage (left) || id:ukb-b-18377' on 'outcome'



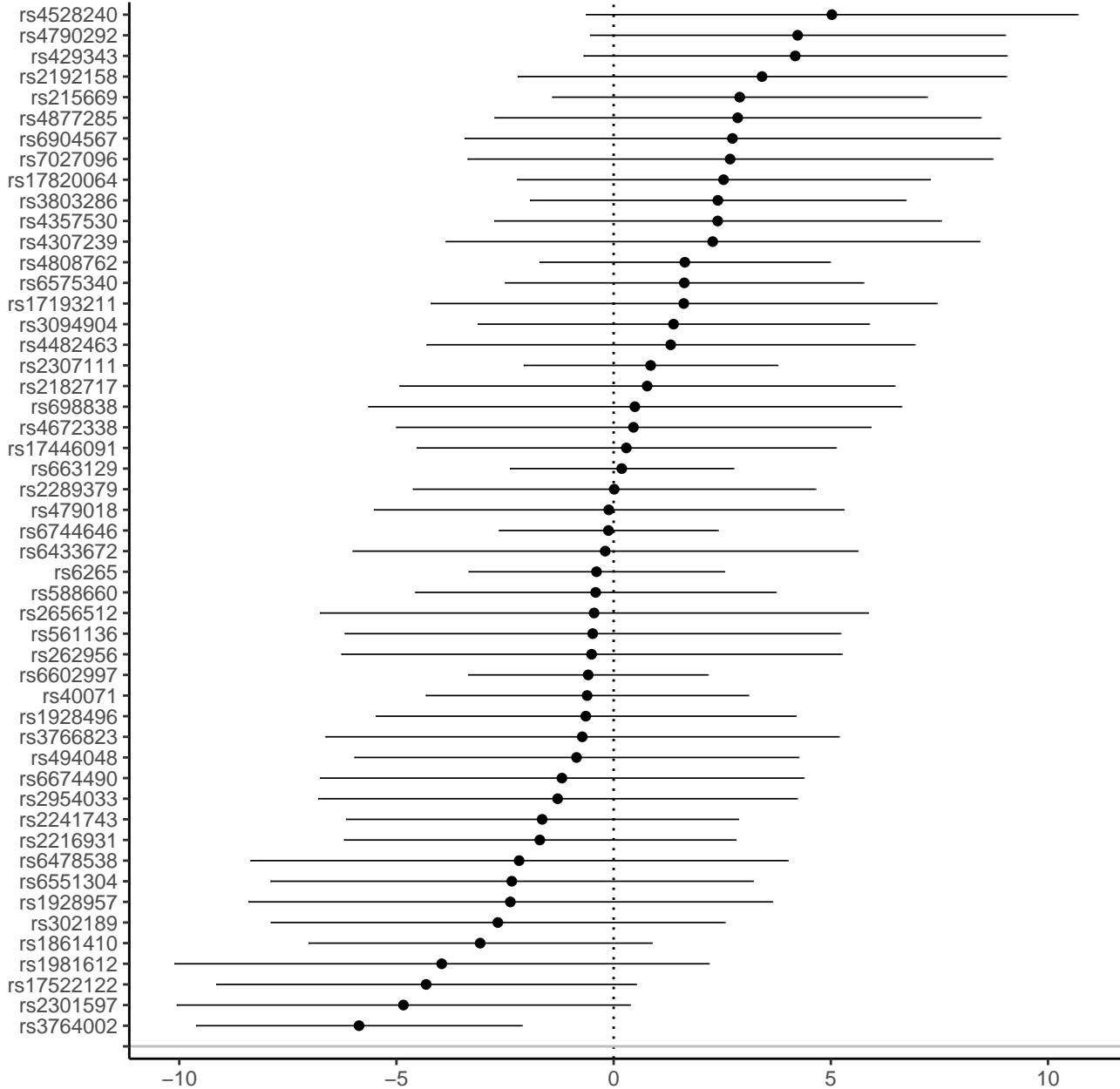
MR leave-one-out sensitivity analysis for
'Leg fat percentage (left) || id:ukb-b-18377' on 'outcome'

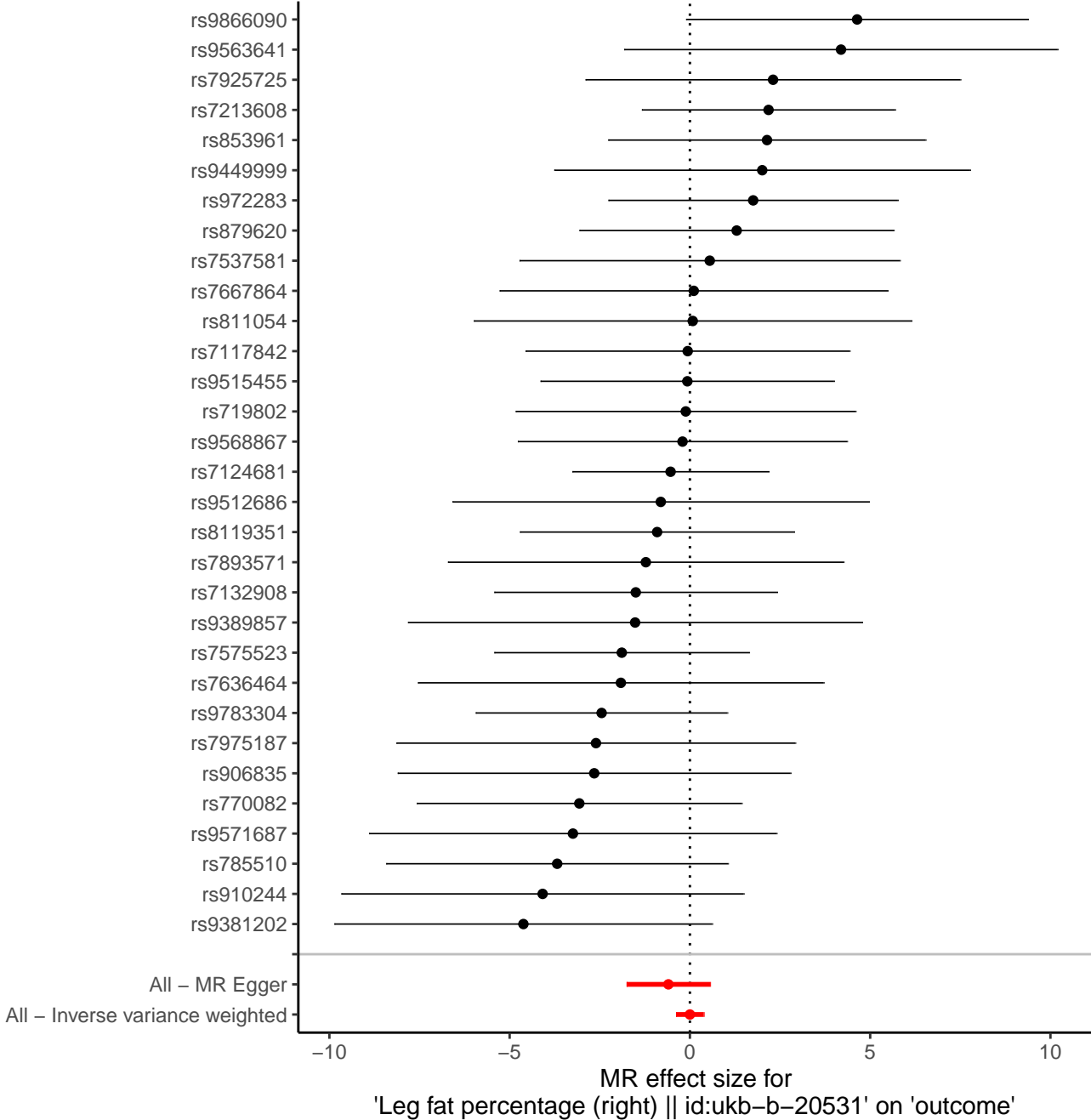


Exposure: Leg Fat Percent - Right, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis



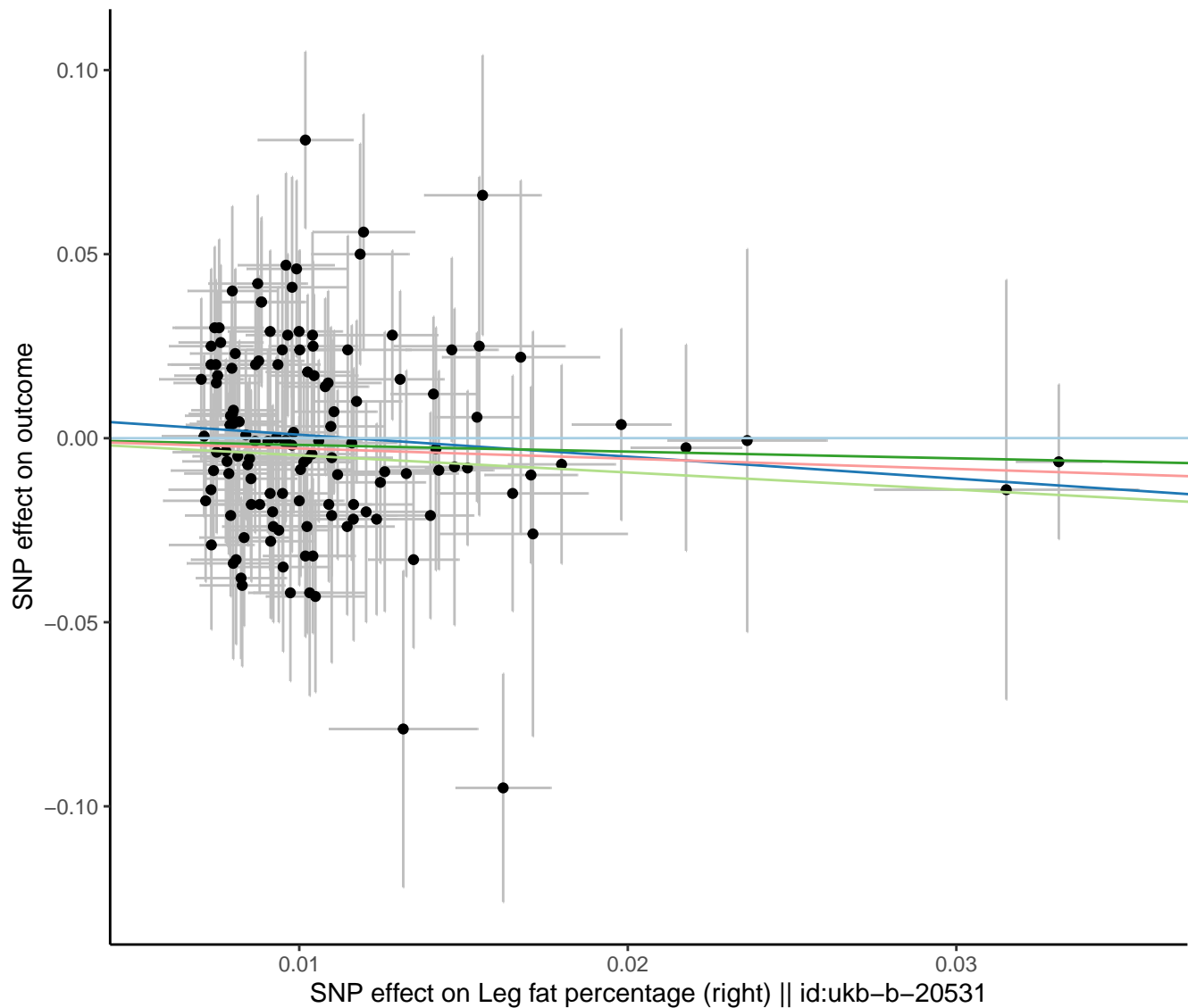
MR effect size for
'Leg fat percentage (right) || id:ukb-b-20531' on 'outcome'





MR Test

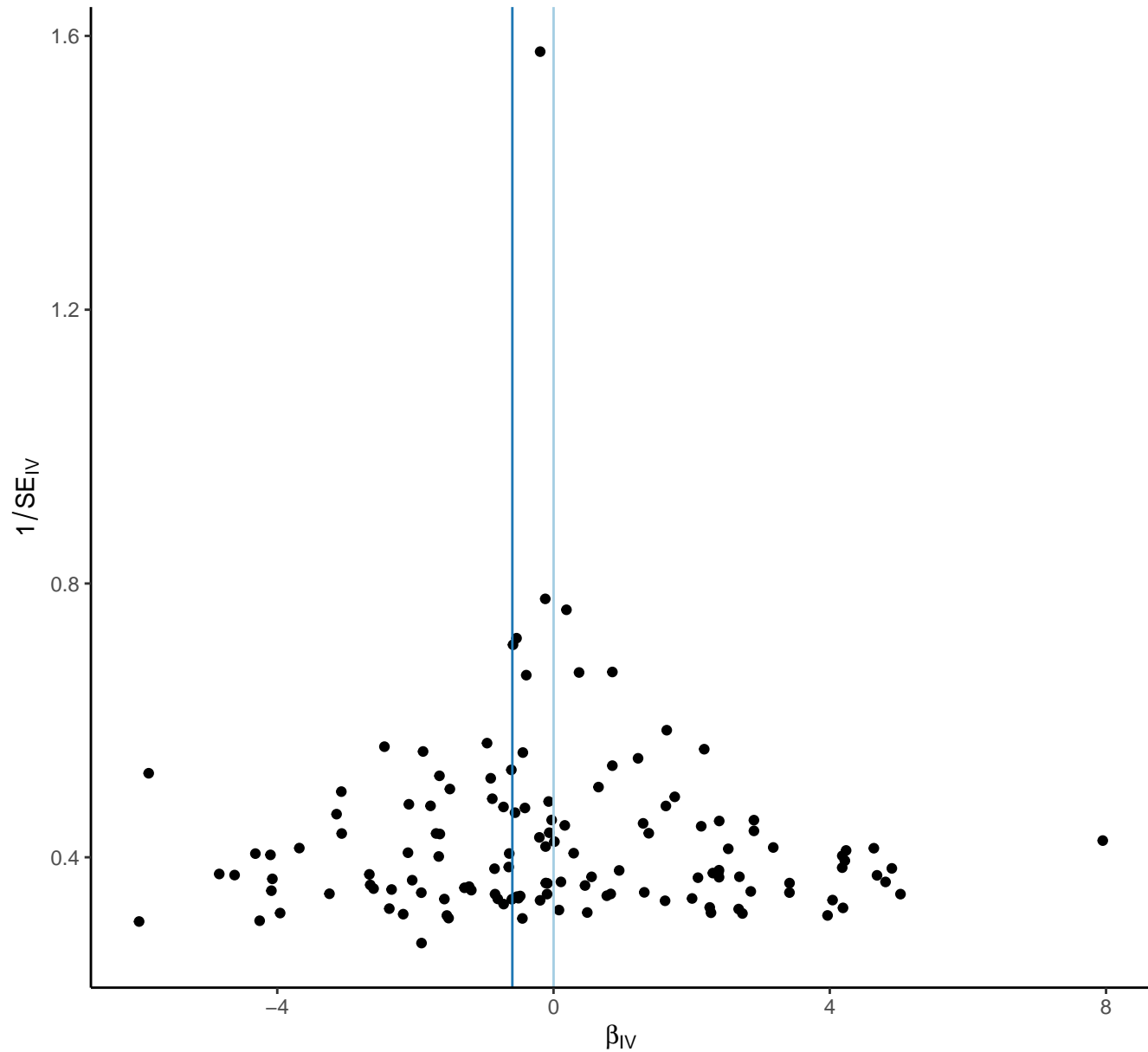
- Inverse variance weighted
- MR Egger
- Simple mode
- Weighted median
- Weighted mode

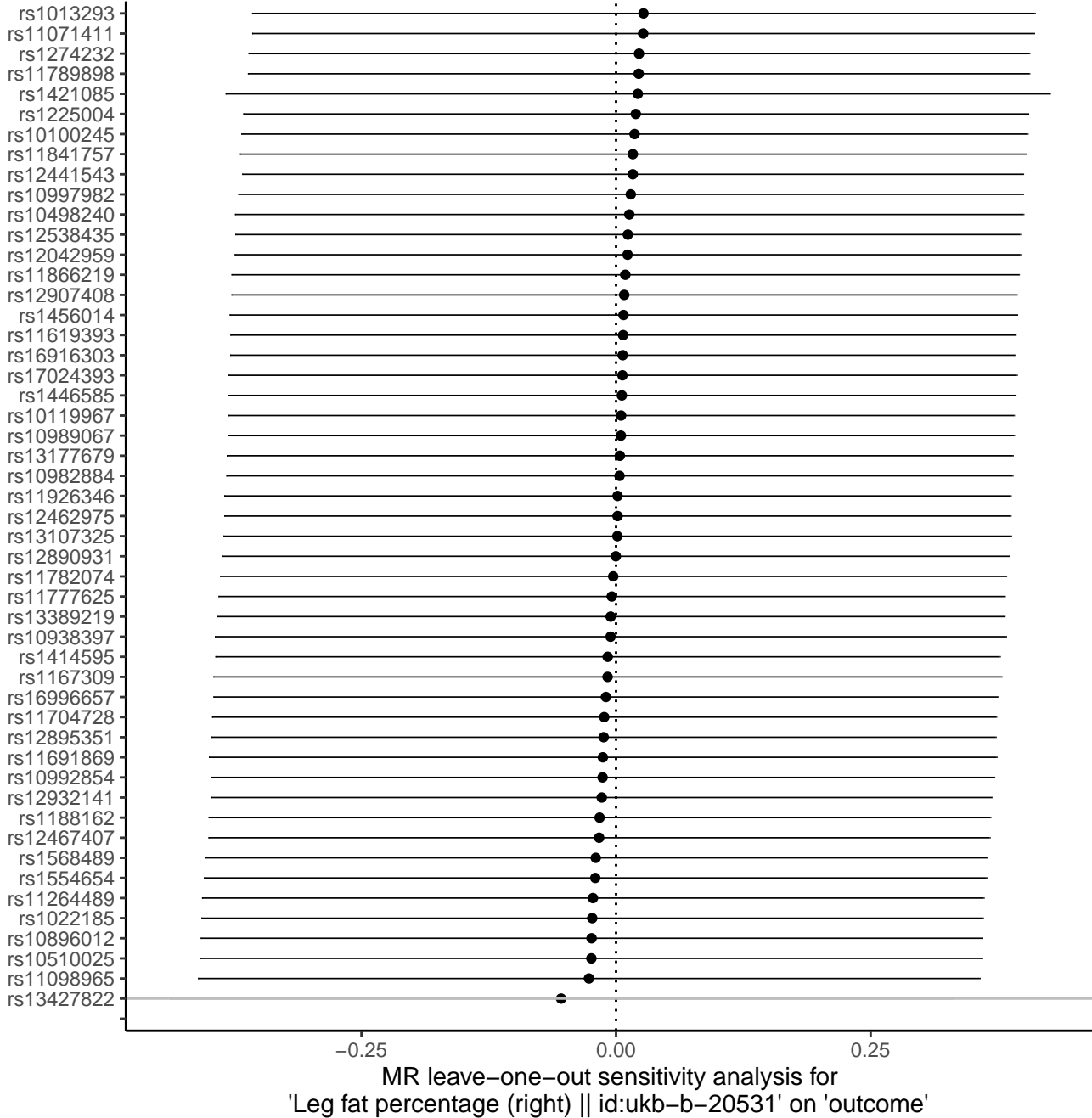


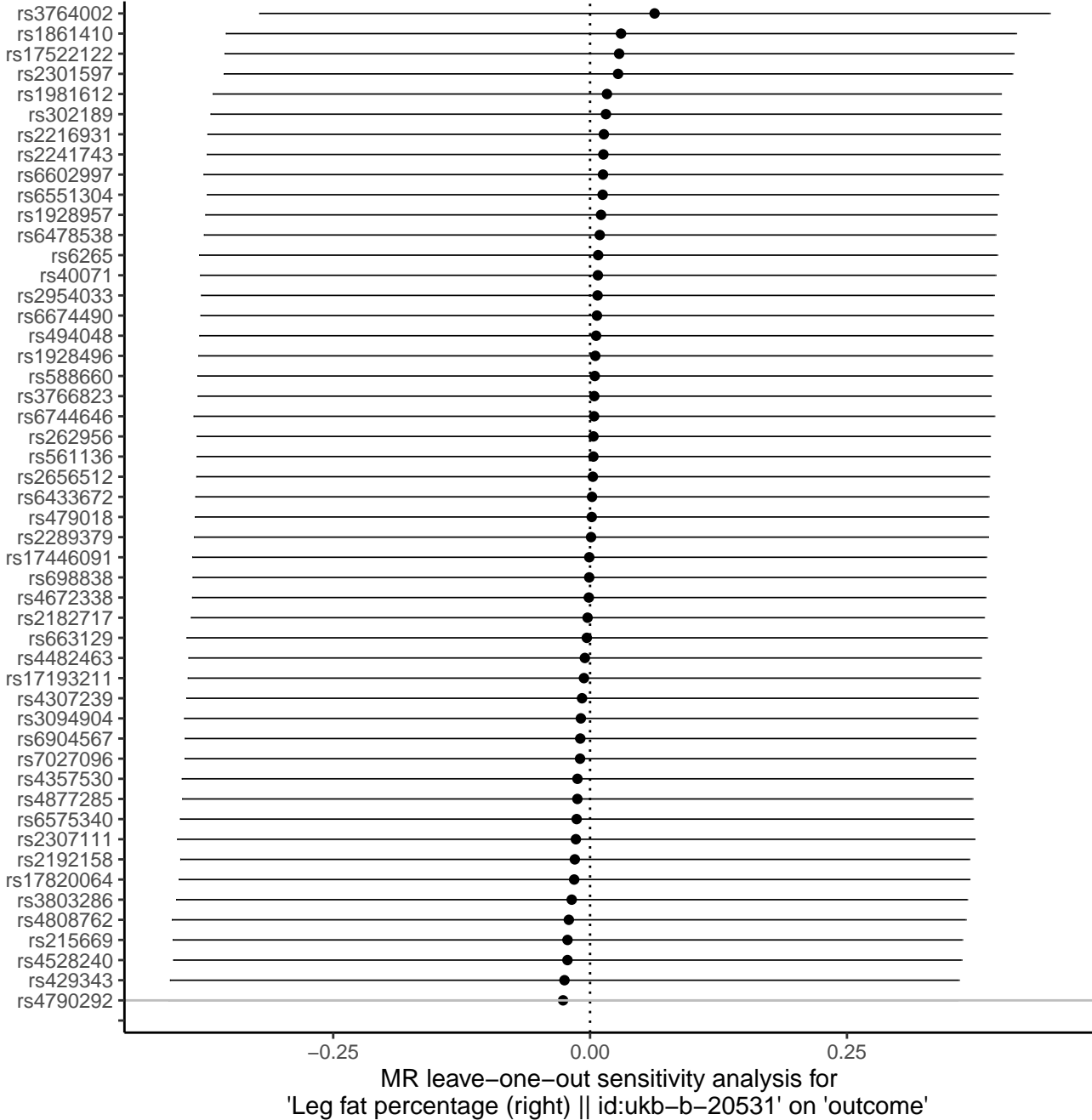
MR Method

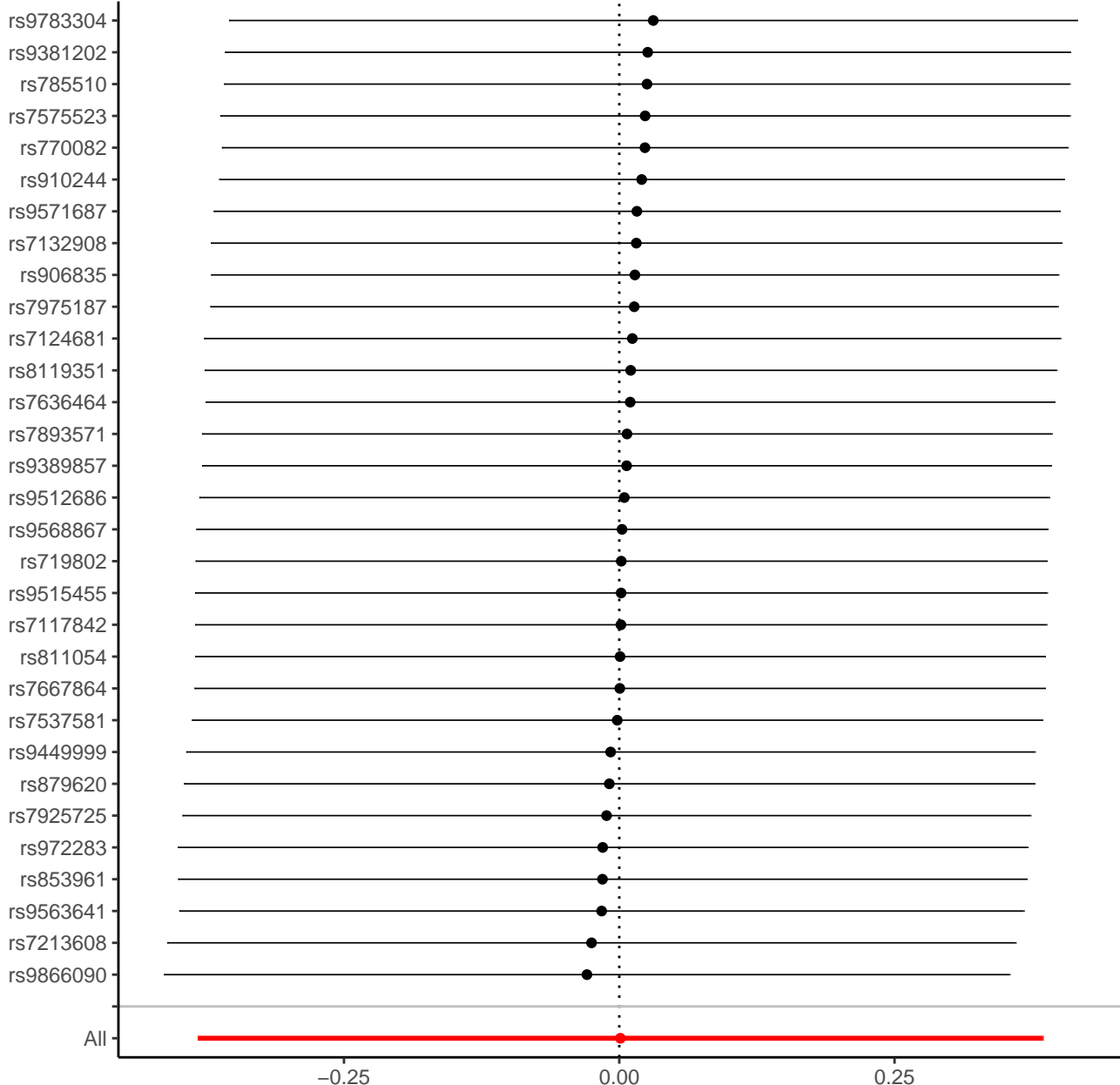
Inverse variance weighted

MR Egger



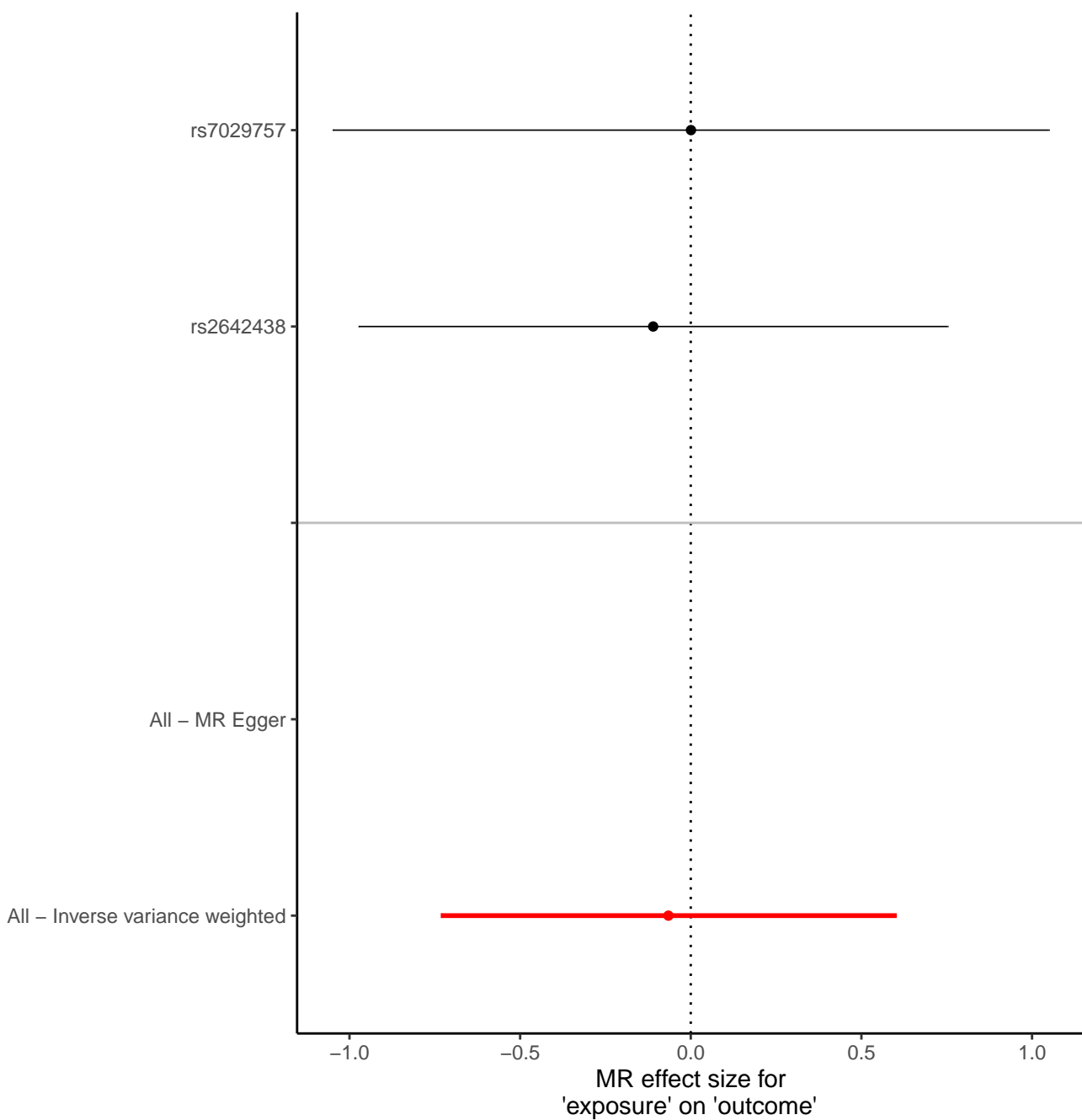






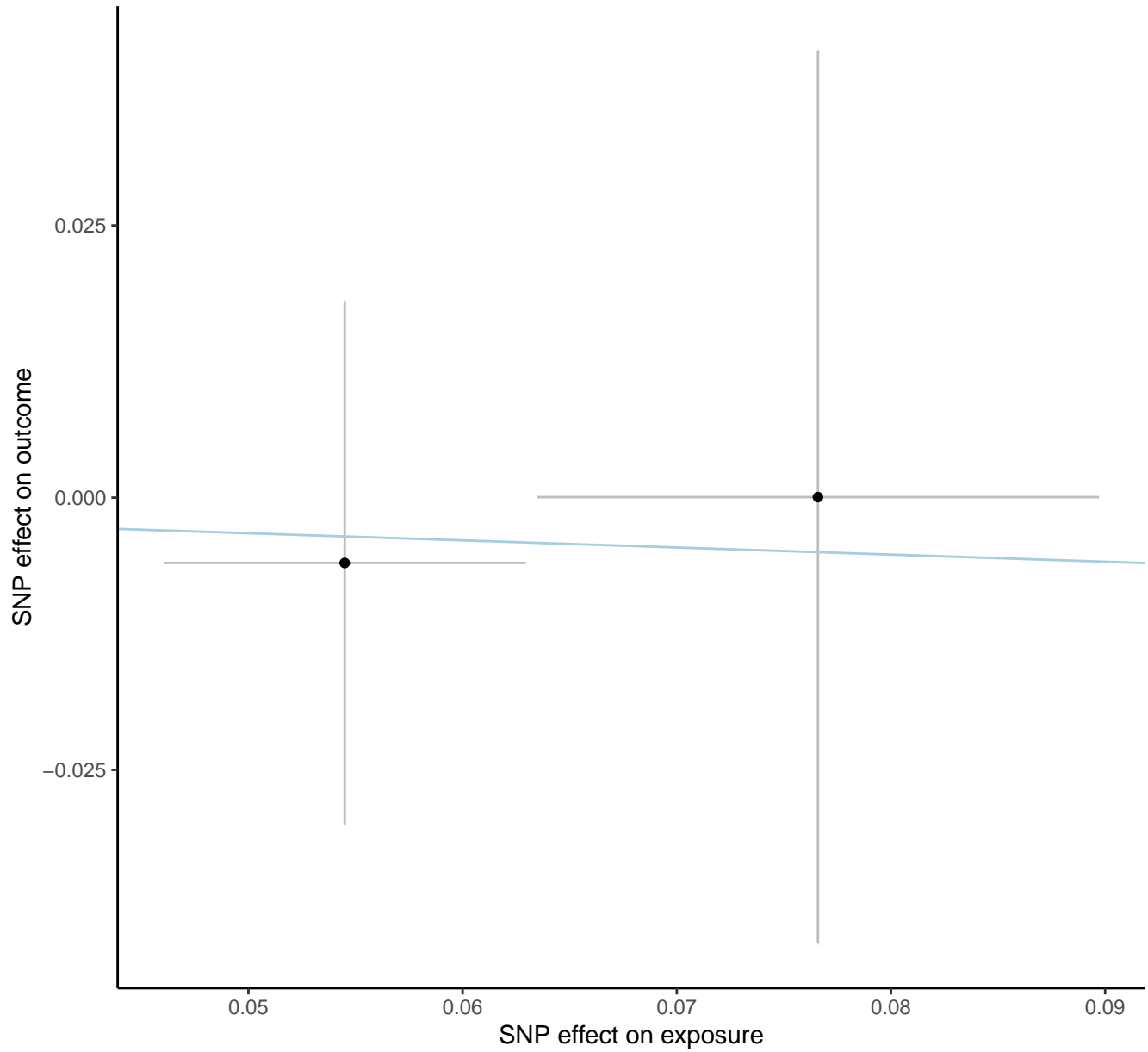
MR leave-one-out sensitivity analysis for
'Leg fat percentage (right) || id:ukb-b-20531' on 'outcome'

Exposure: Liver Fat, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis



MR Test

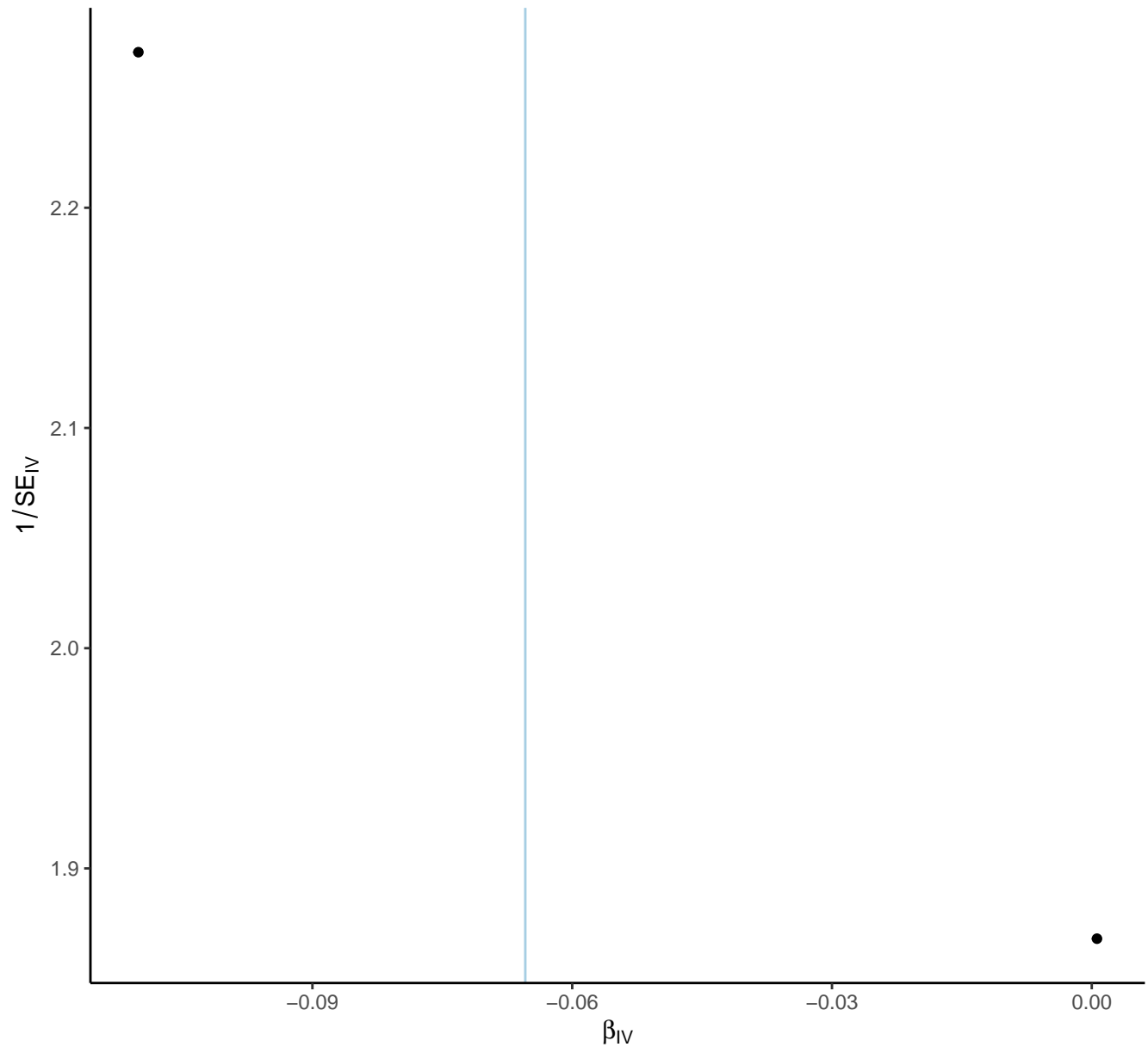
Inverse variance weighted

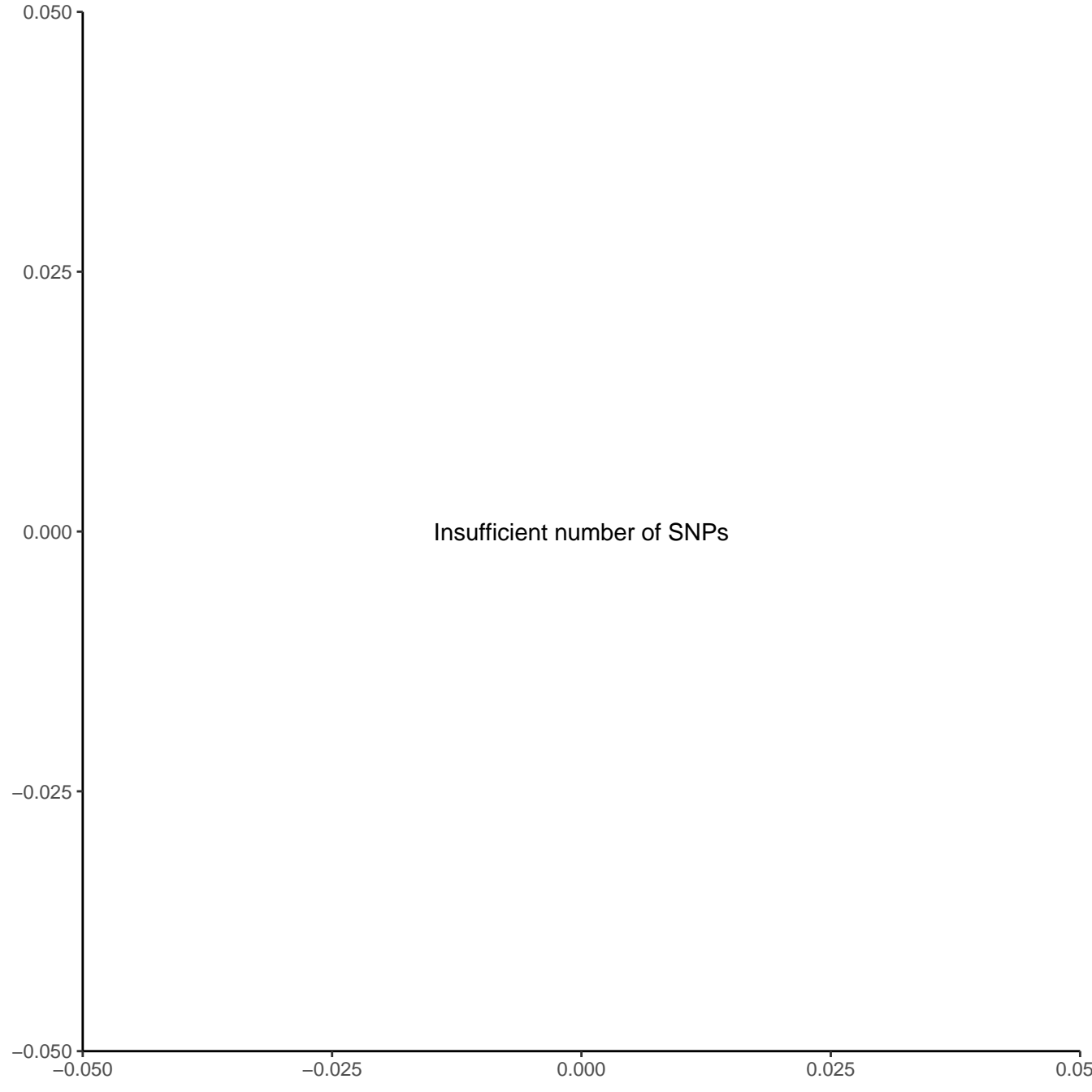


MR Method

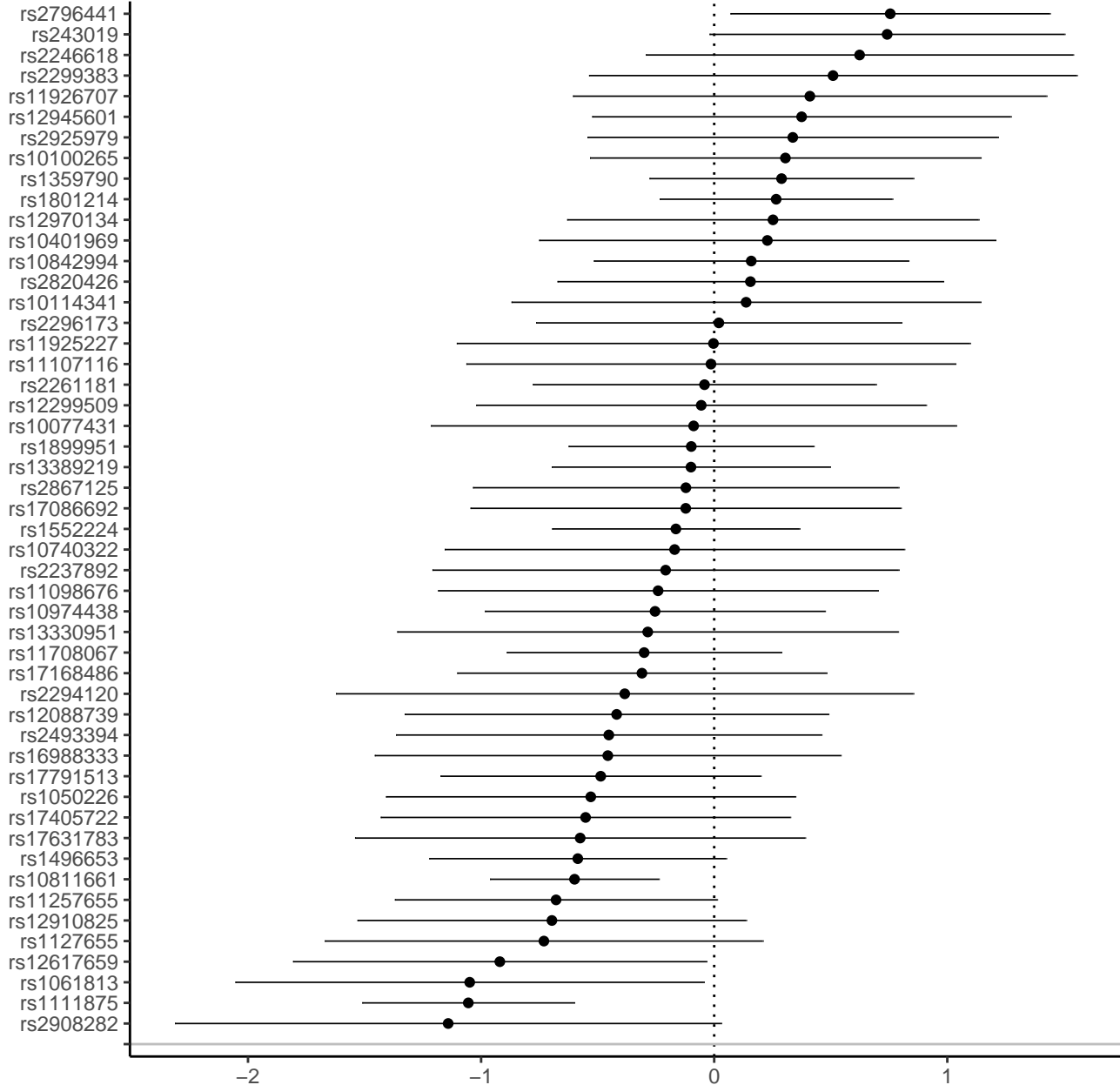
Inverse variance weighted

MR Egger

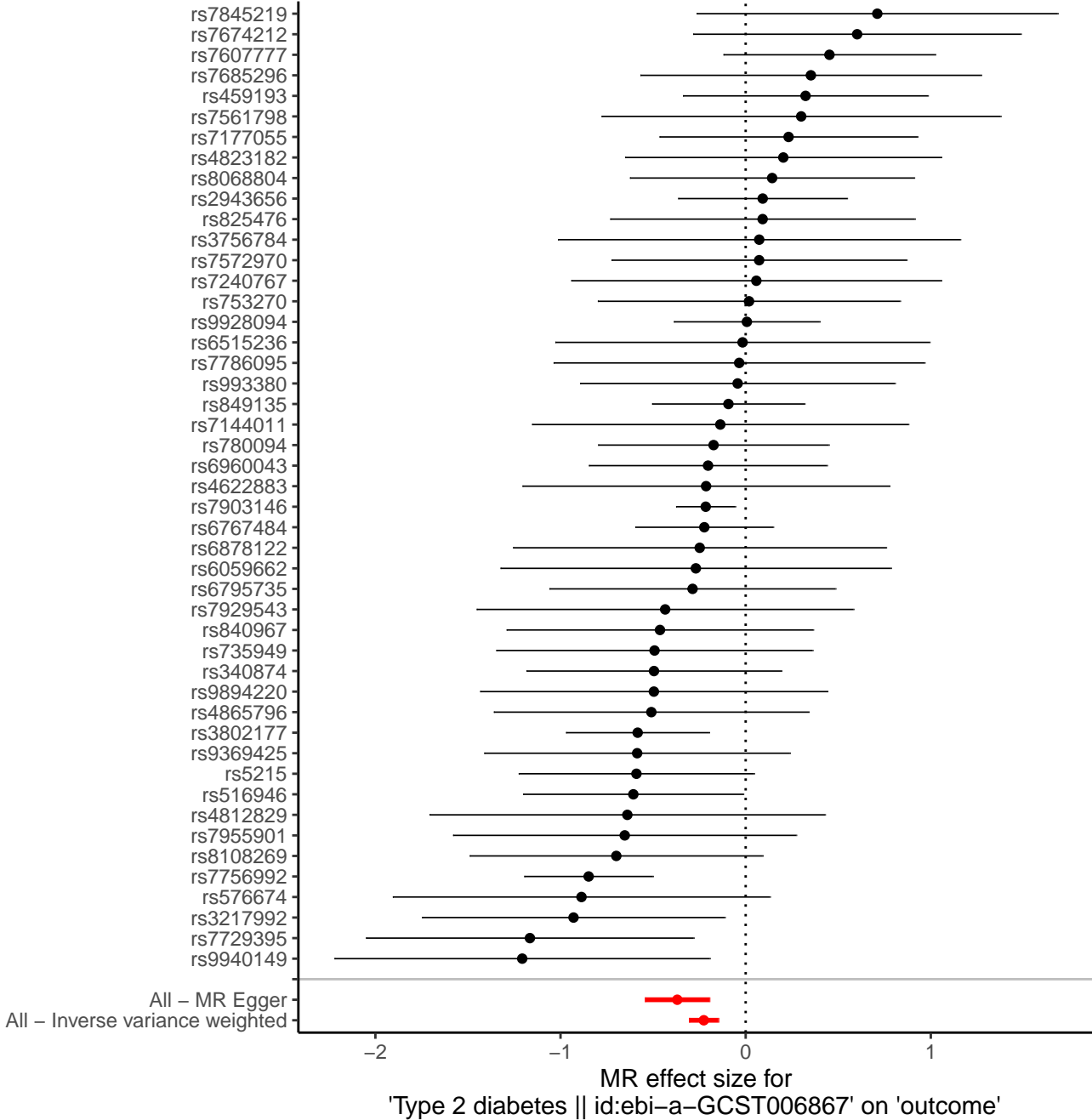




Exposure: Type 2 Diabetes, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis

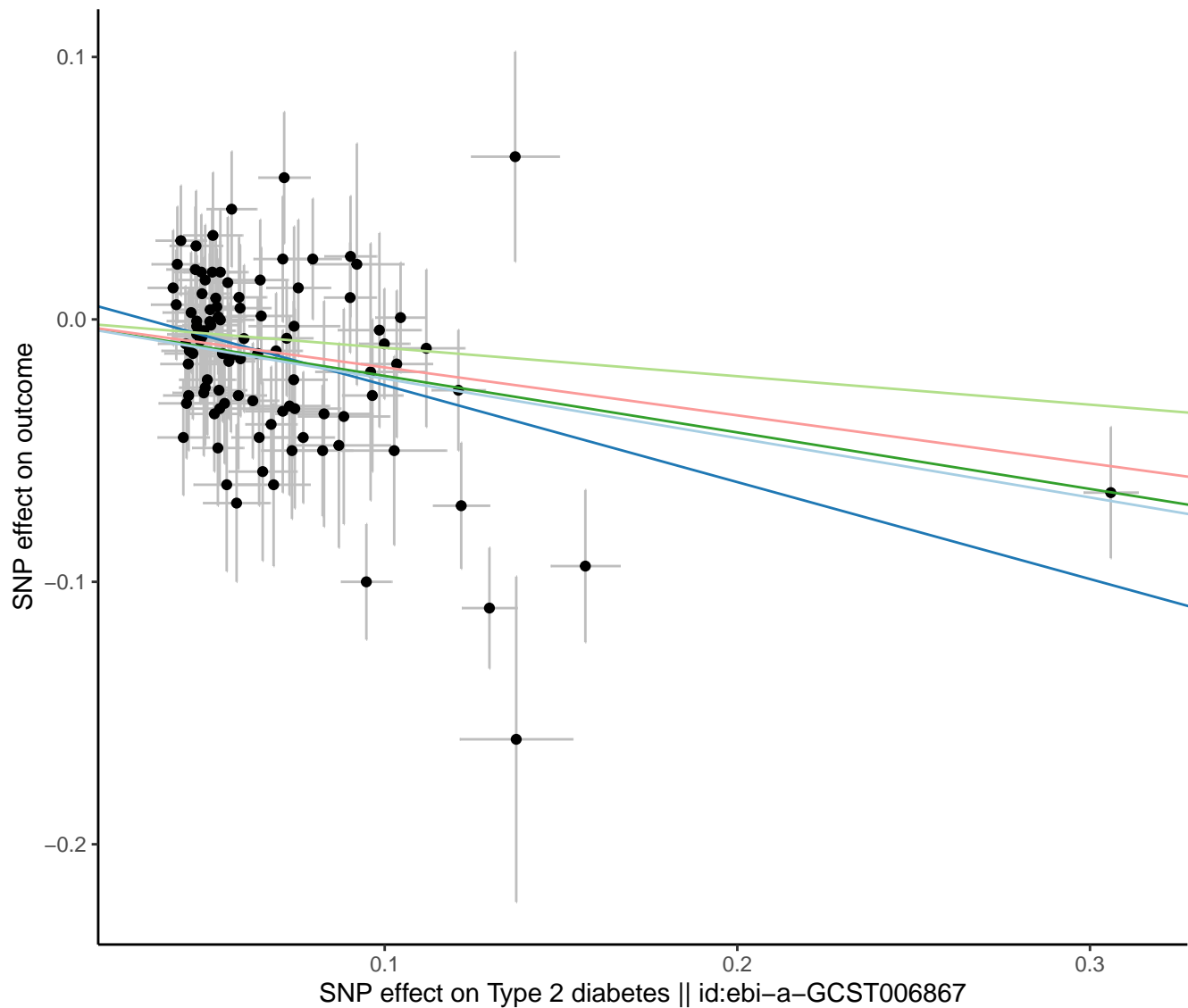


MR effect size for
'Type 2 diabetes || id:ebi-a-GCST006867' on 'outcome'



MR Test

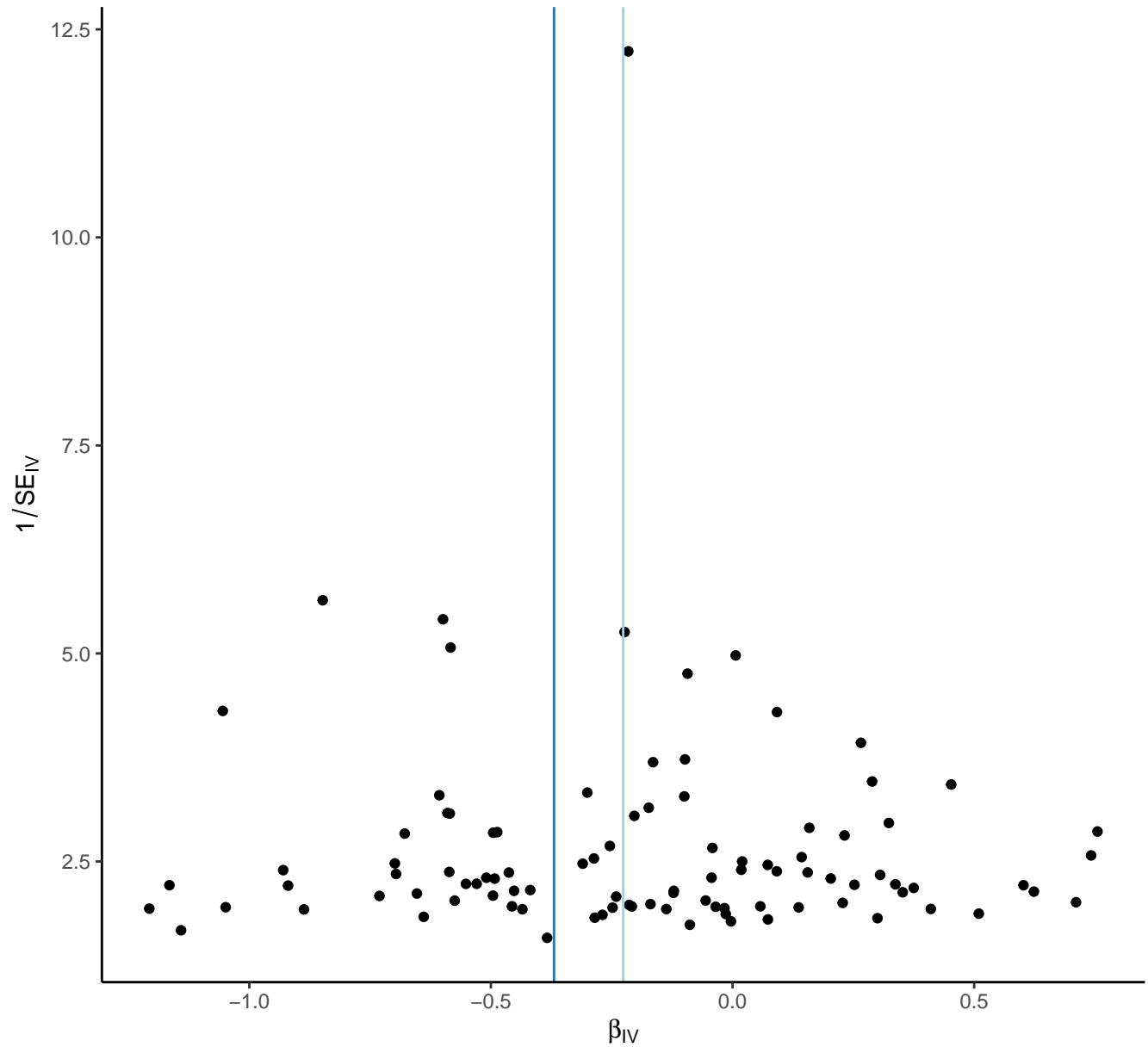
- Inverse variance weighted
- MR Egger
- Simple mode
- Weighted median
- Weighted mode

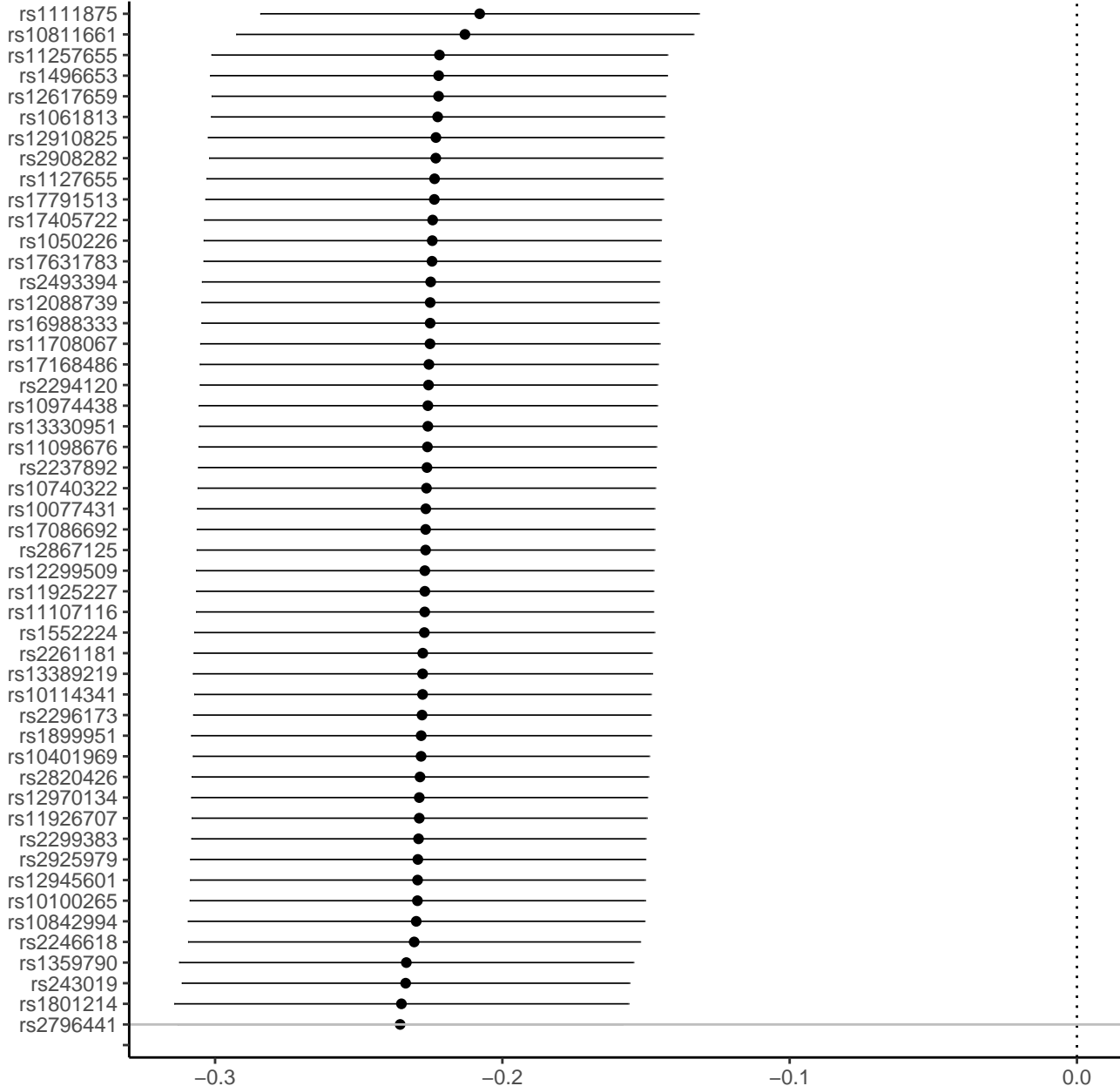


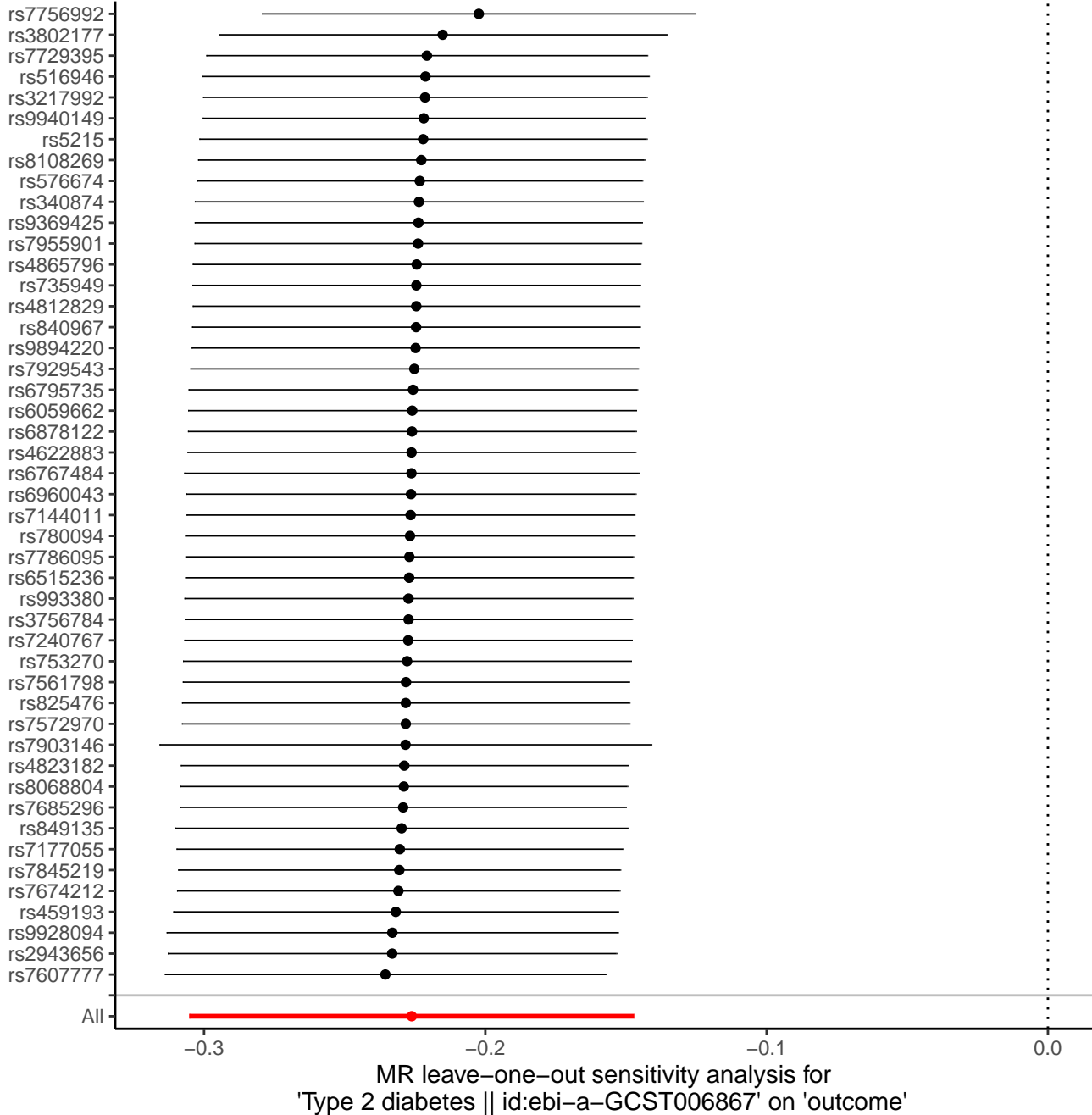
MR Method

Inverse variance weighted

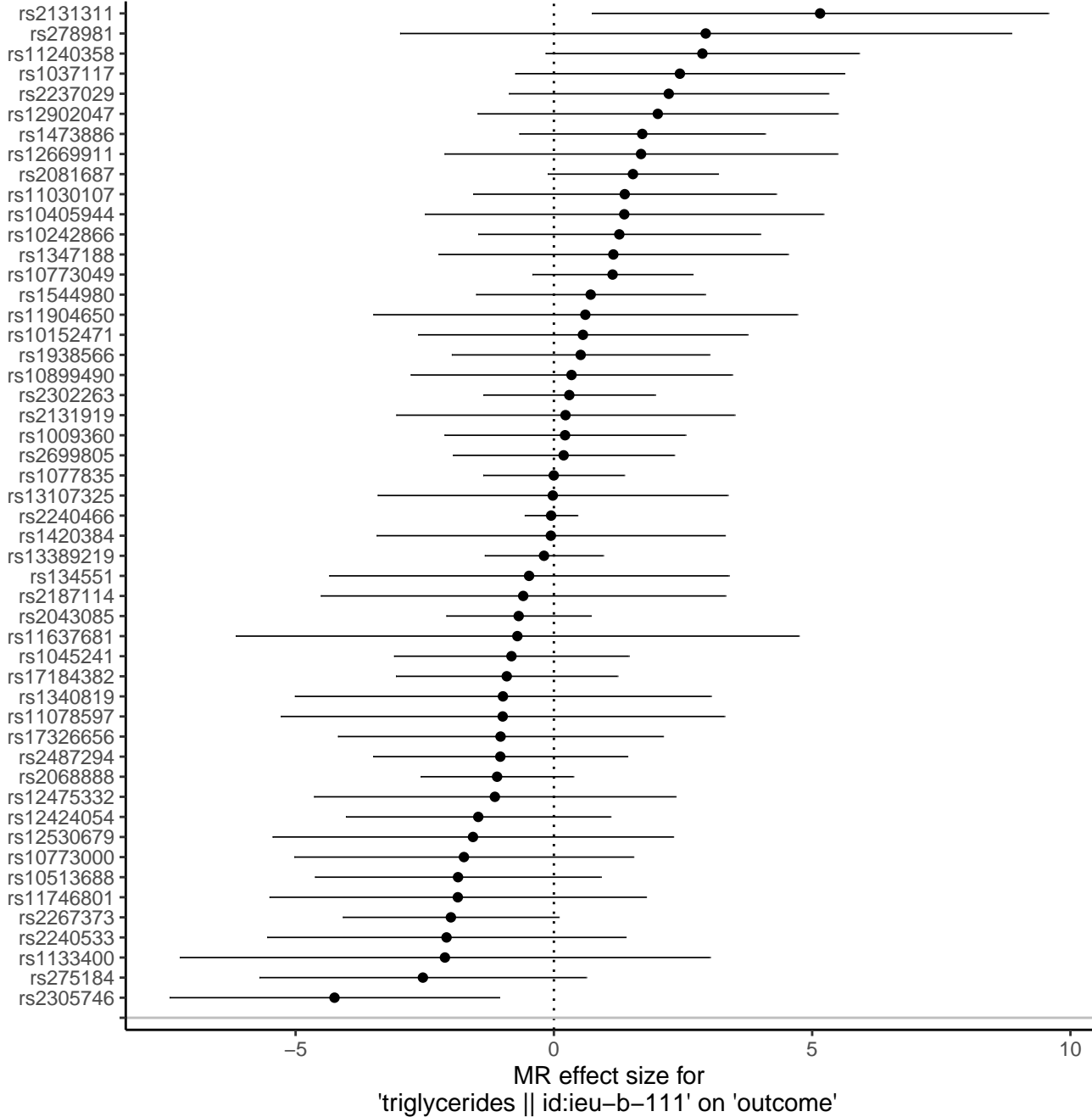
MR Egger



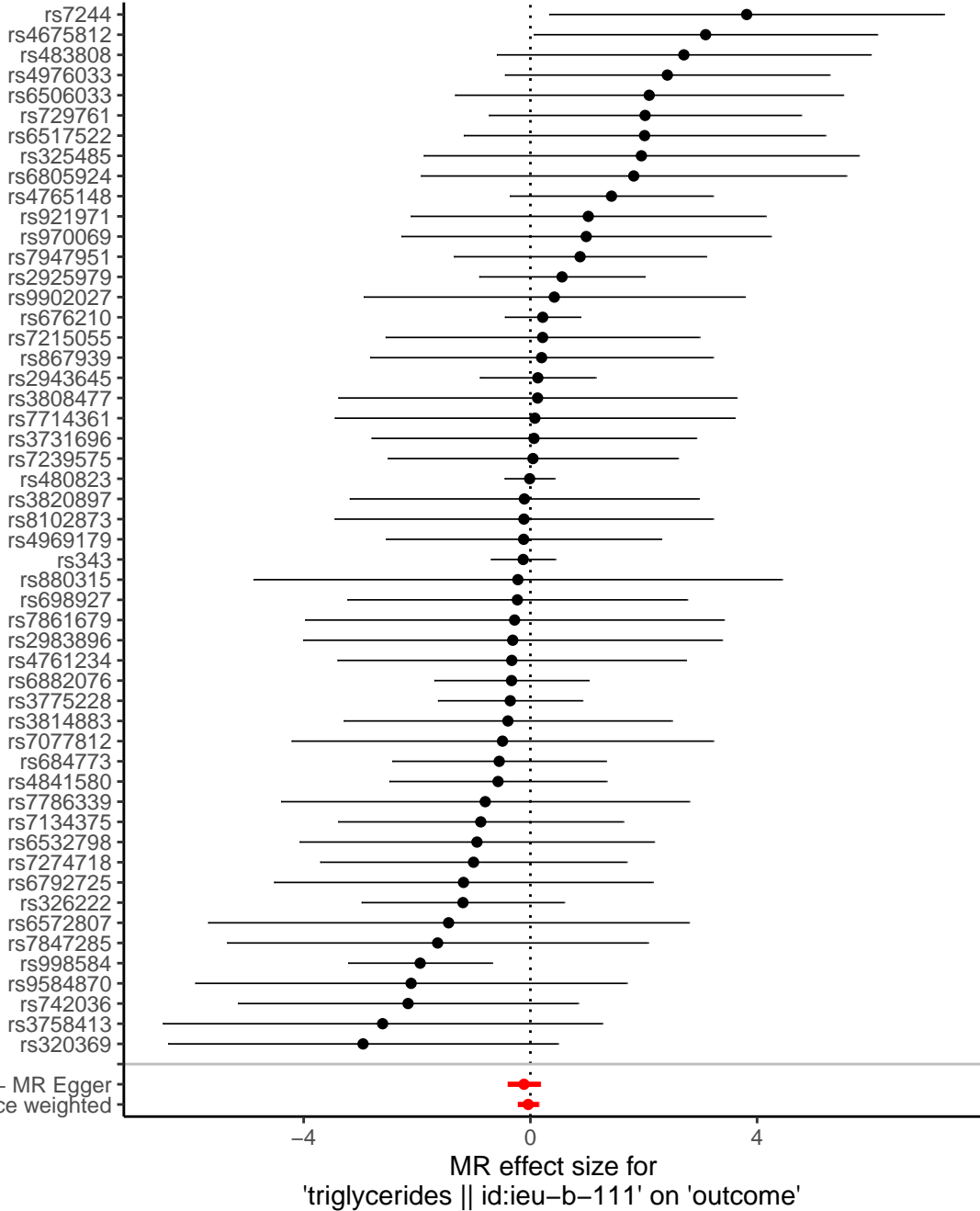




Exposure: Triglycerides, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis

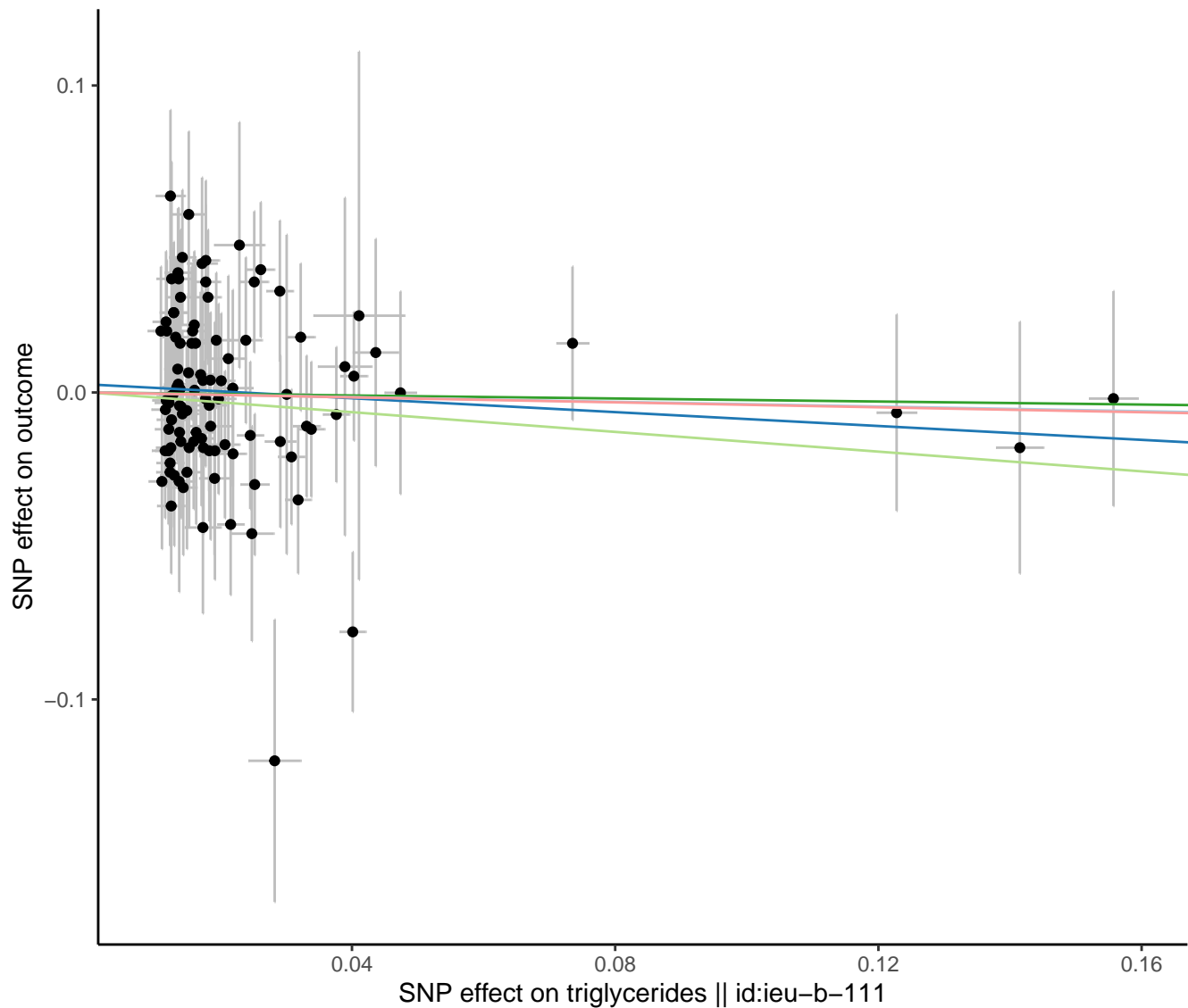


All – MR Egger
All – Inverse variance weighted



MR Test

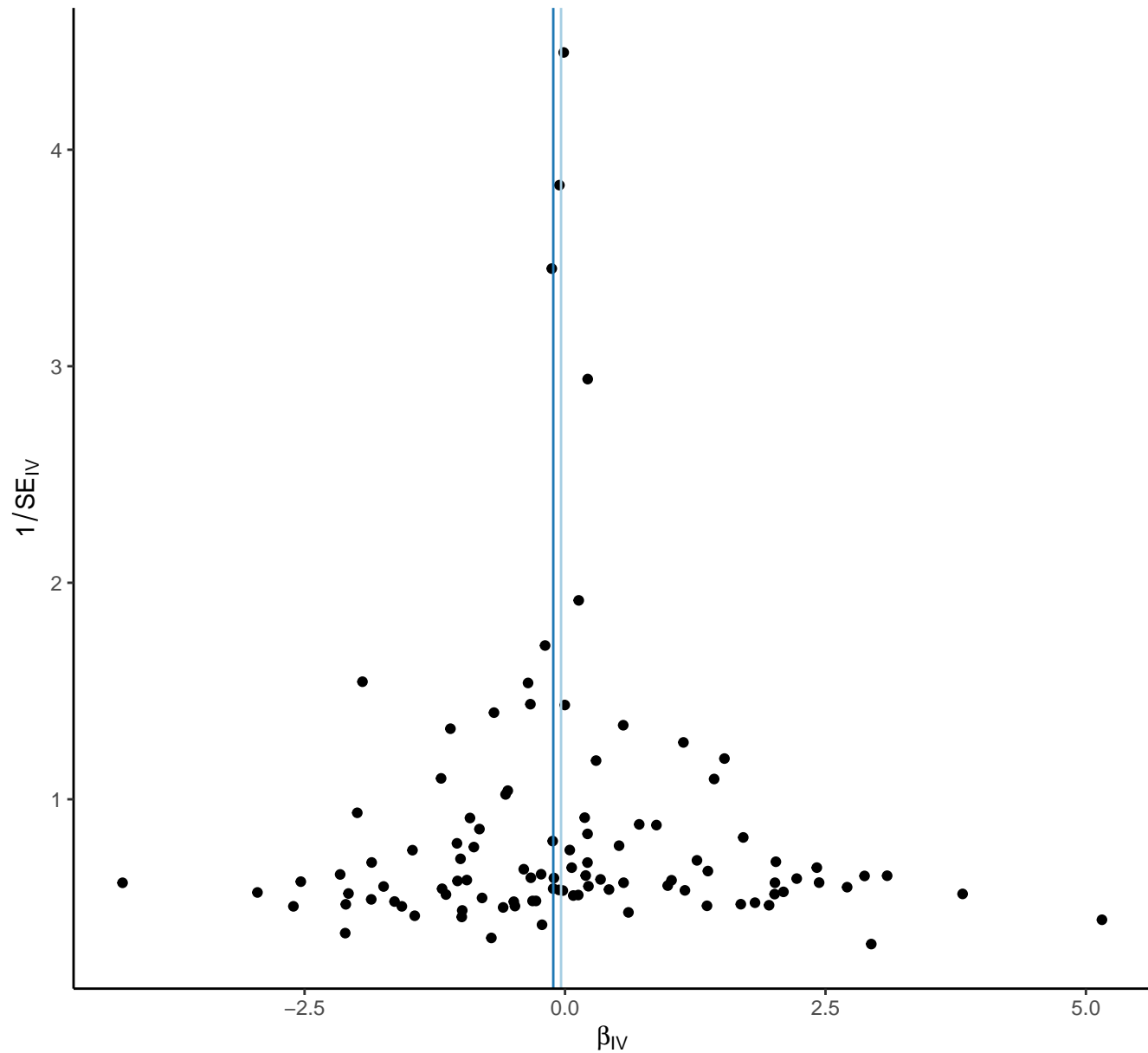
- Inverse variance weighted
- MR Egger
- Simple mode
- Weighted median
- Weighted mode

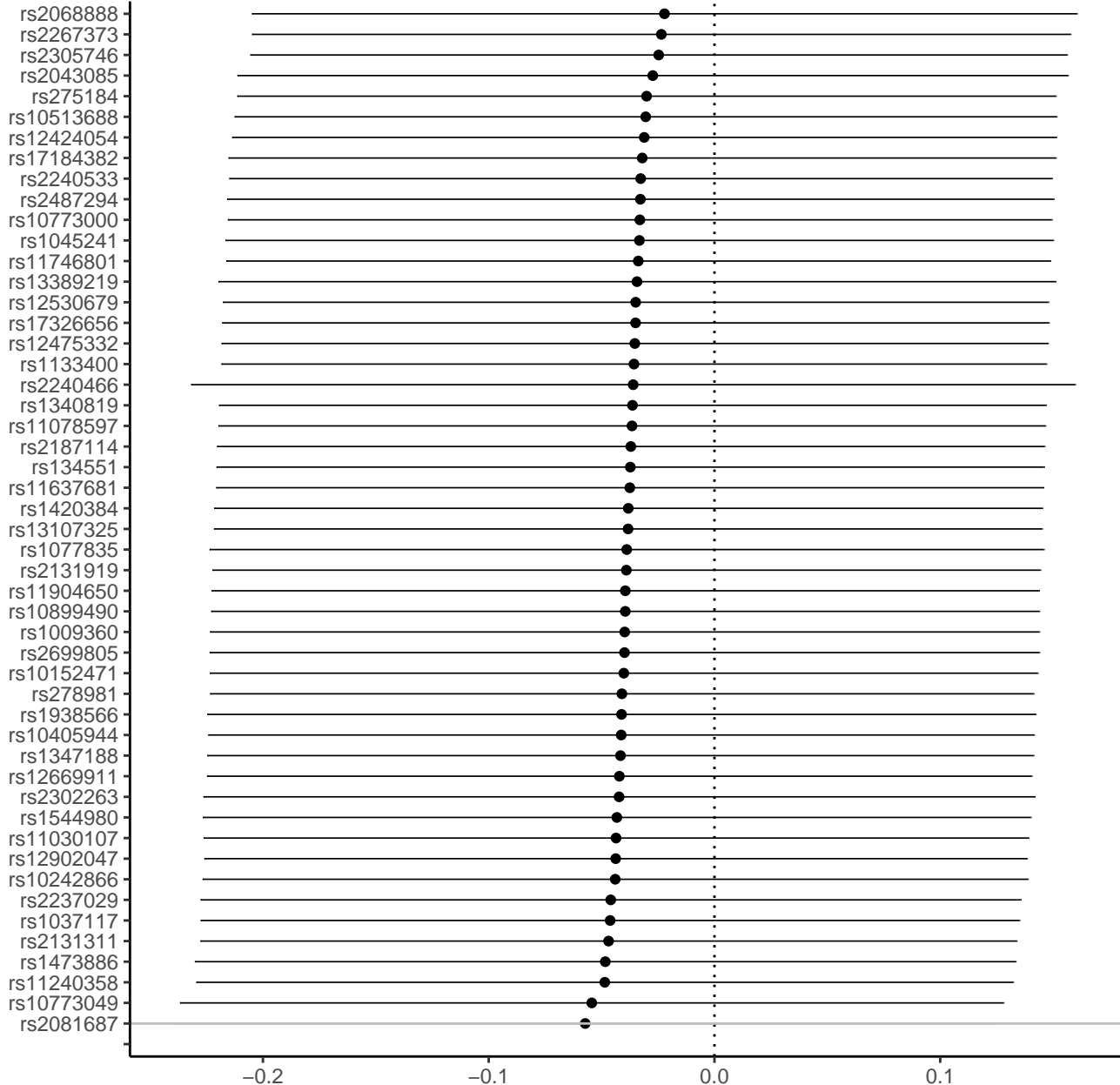


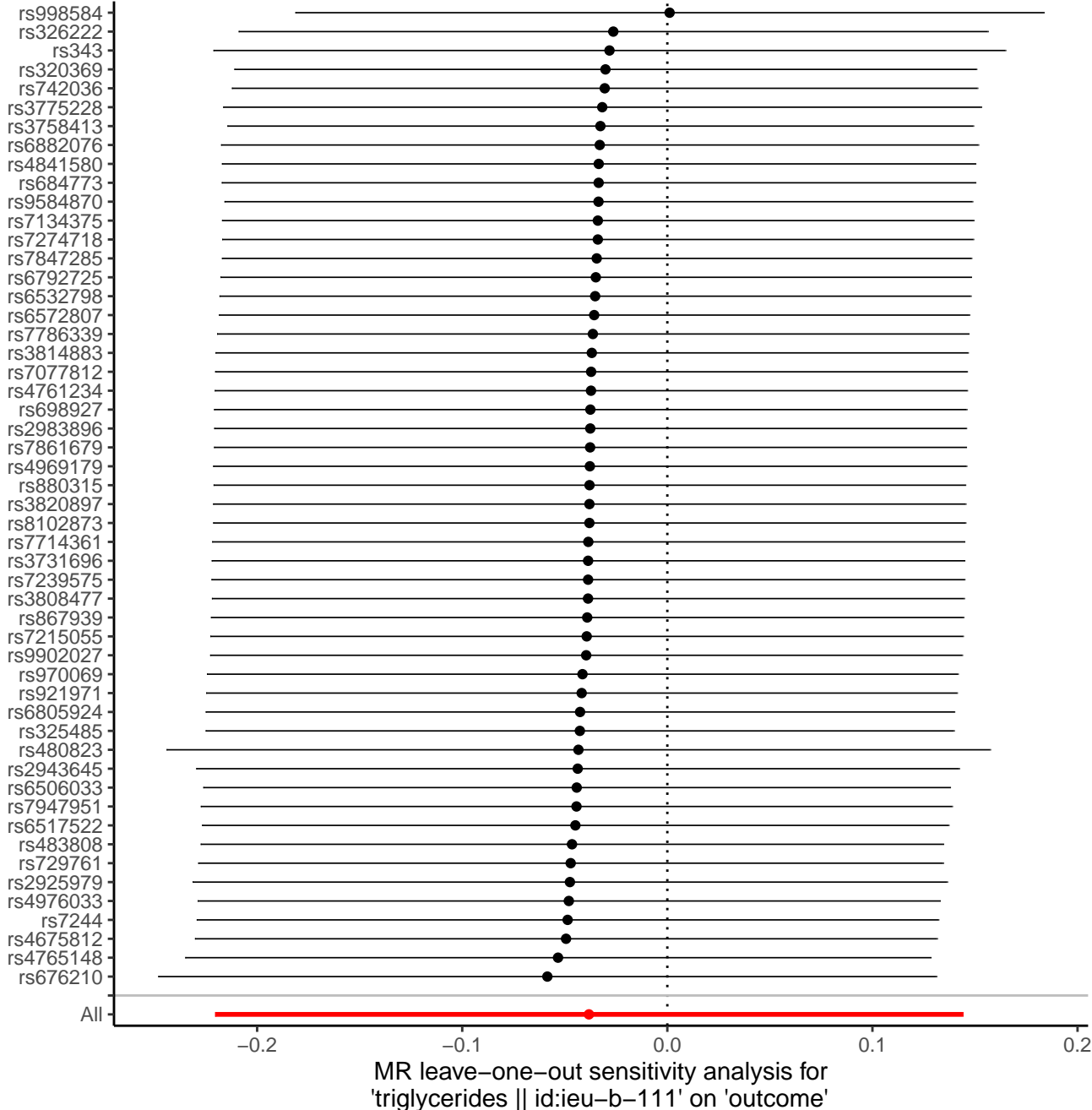
MR Method

Inverse variance weighted

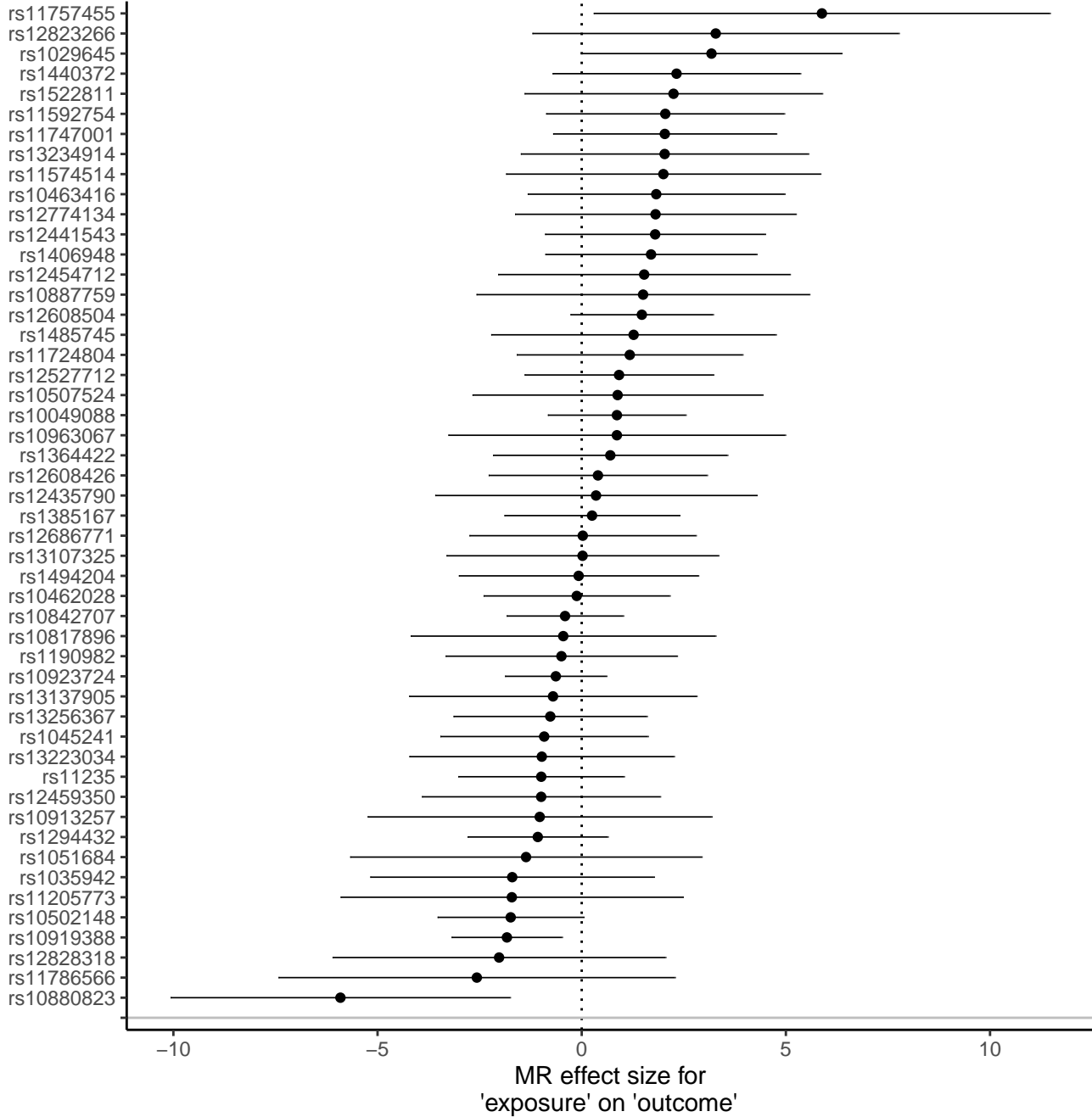
MR Egger

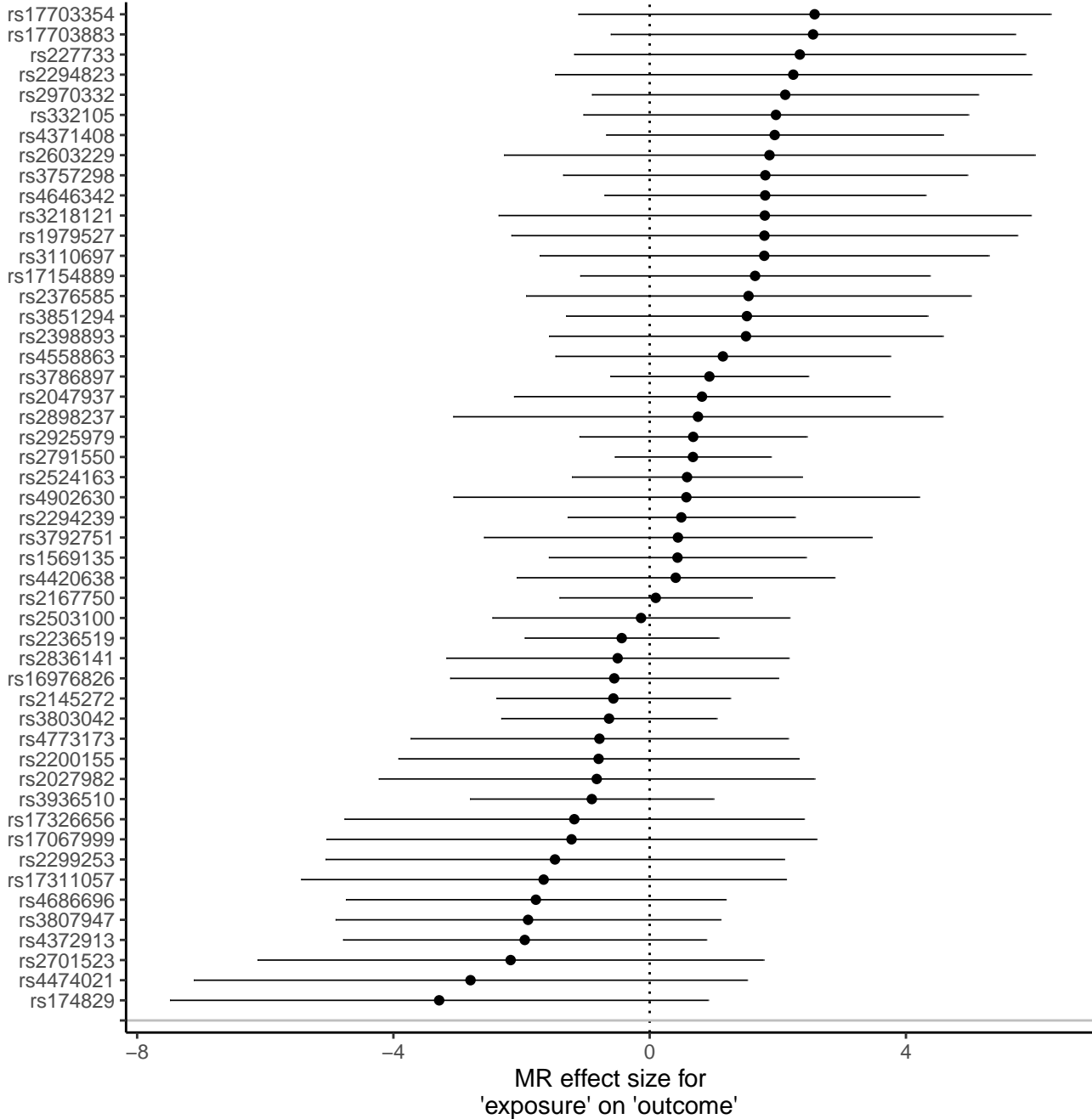


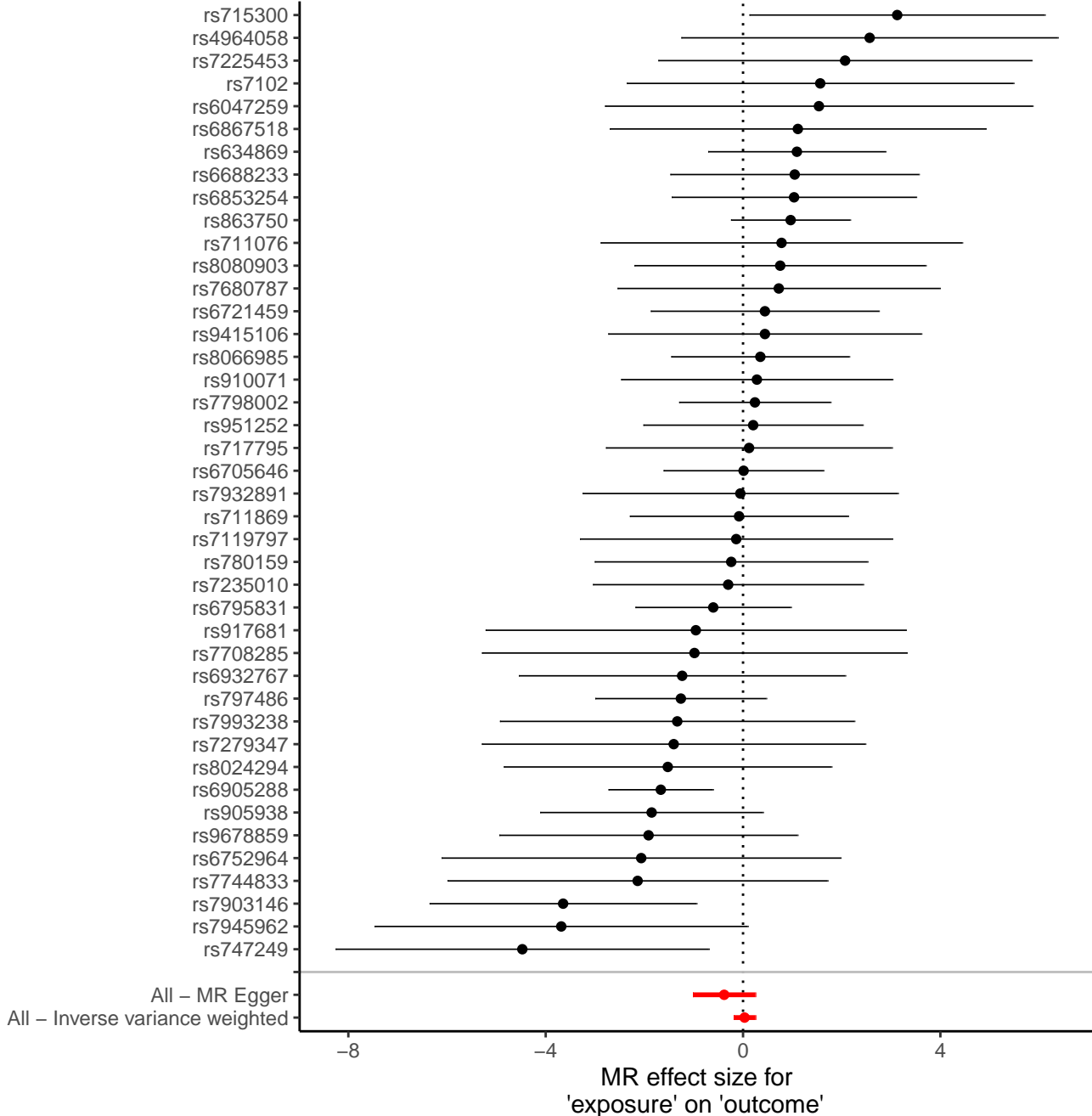


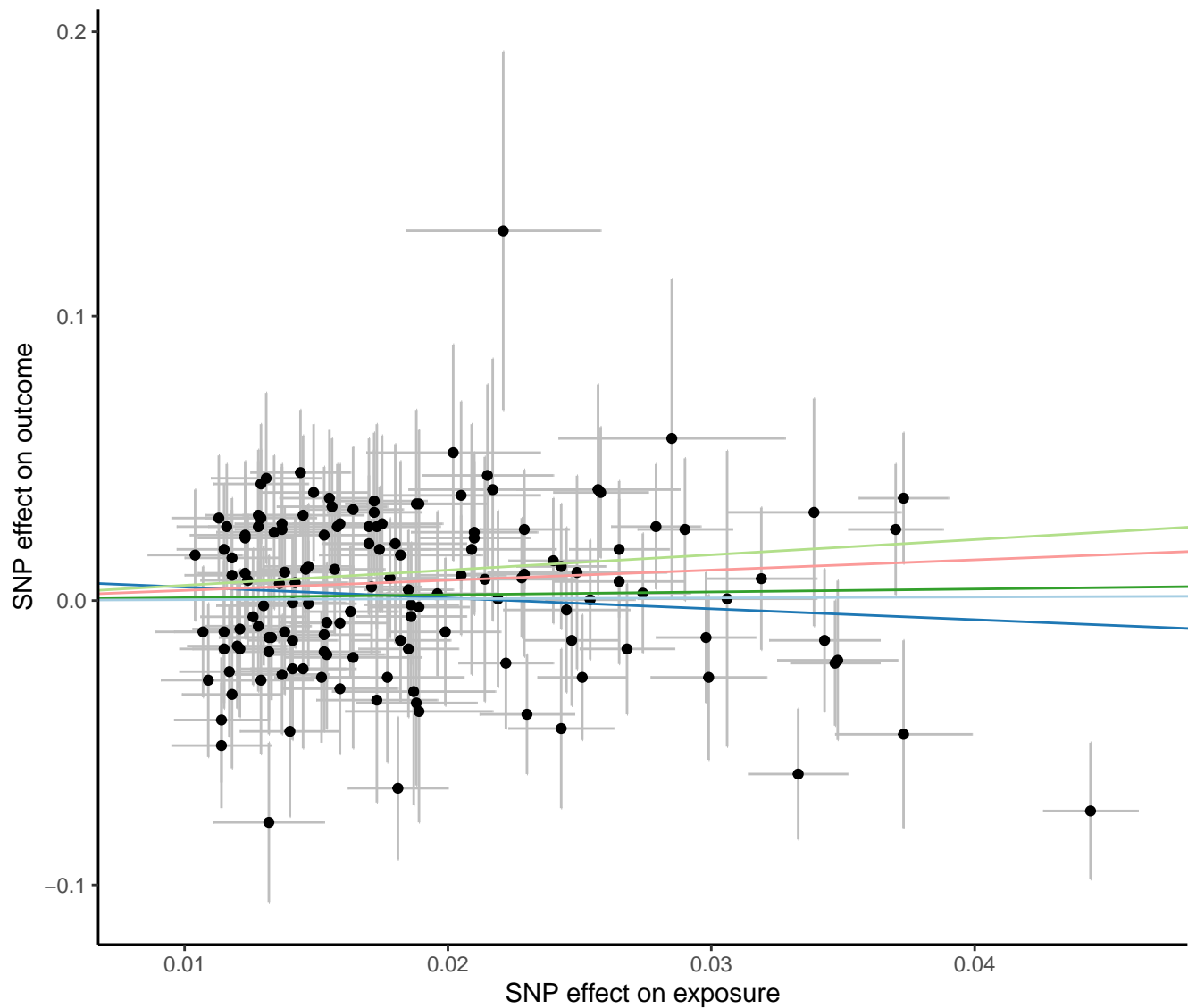
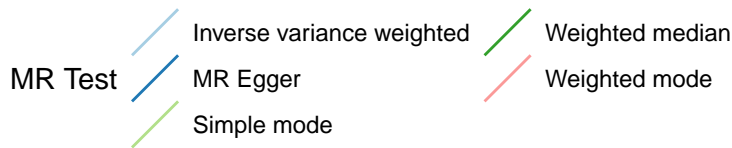


Exposure: Waist-Hip Ratio adjusted for Body Mass Index, Outcome: Corrected Insulin Response adjusted for ISI
Figures of Forest Plot, Comparison of Different MR Methods, Funnel Plot and Leave-one-out Sensitivity Analysis









MR Method

Inverse variance weighted

MR Egger

