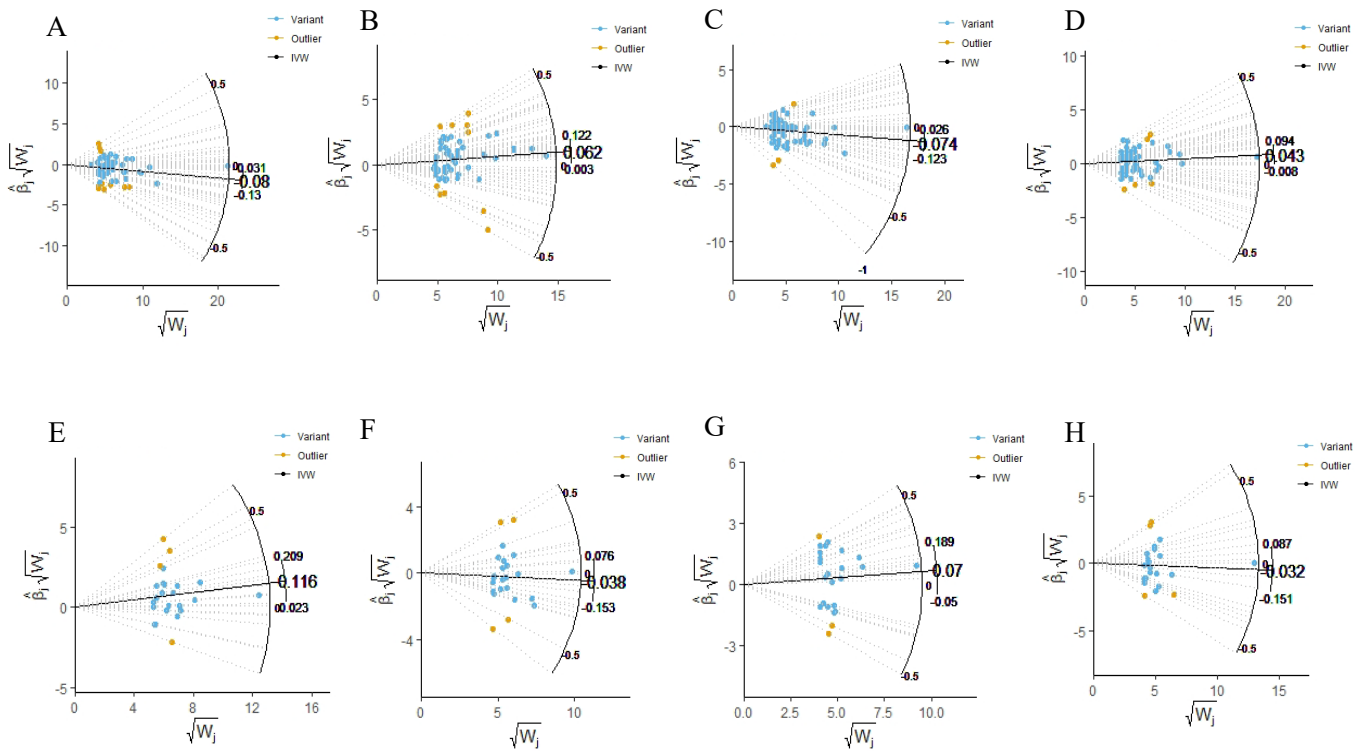
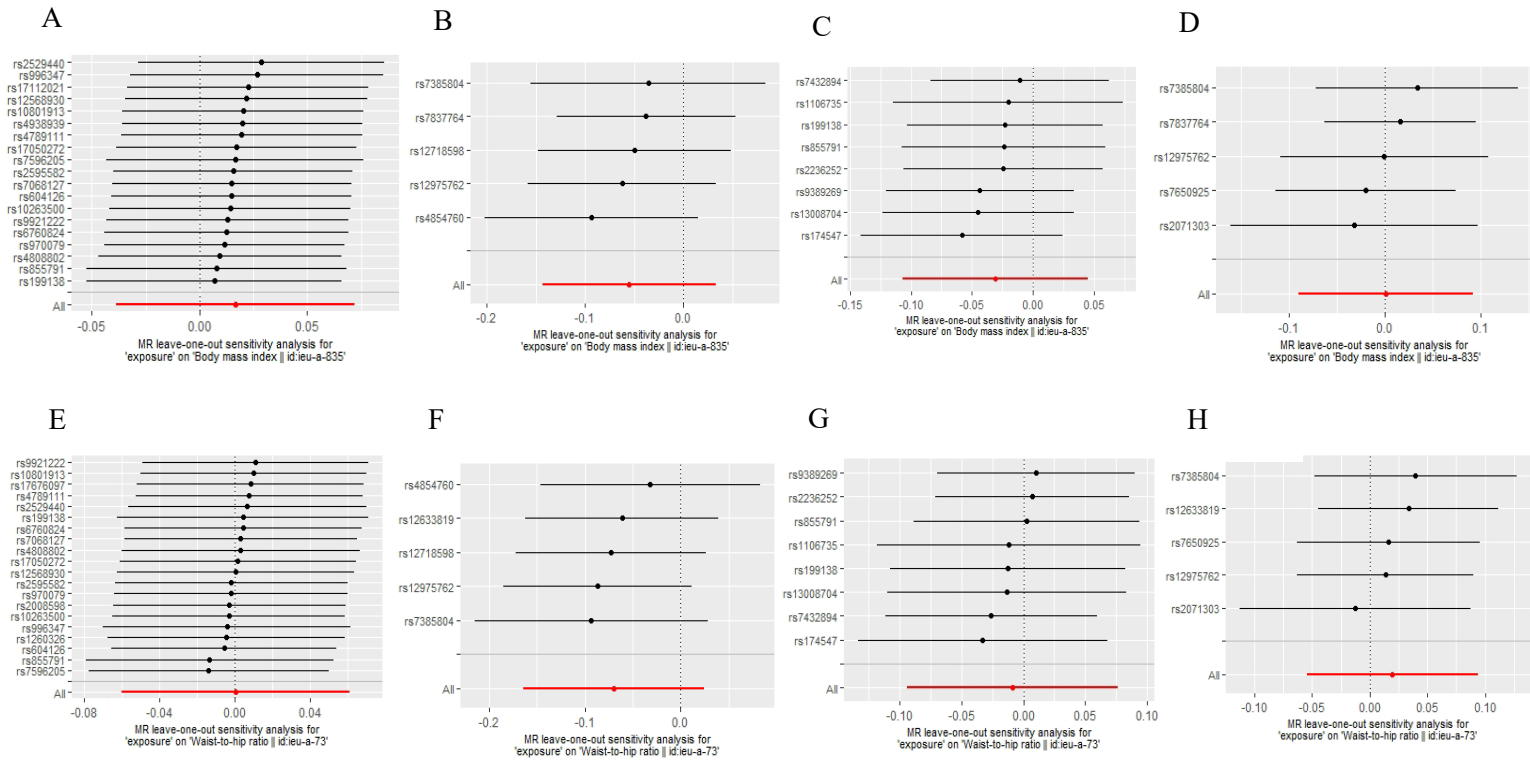


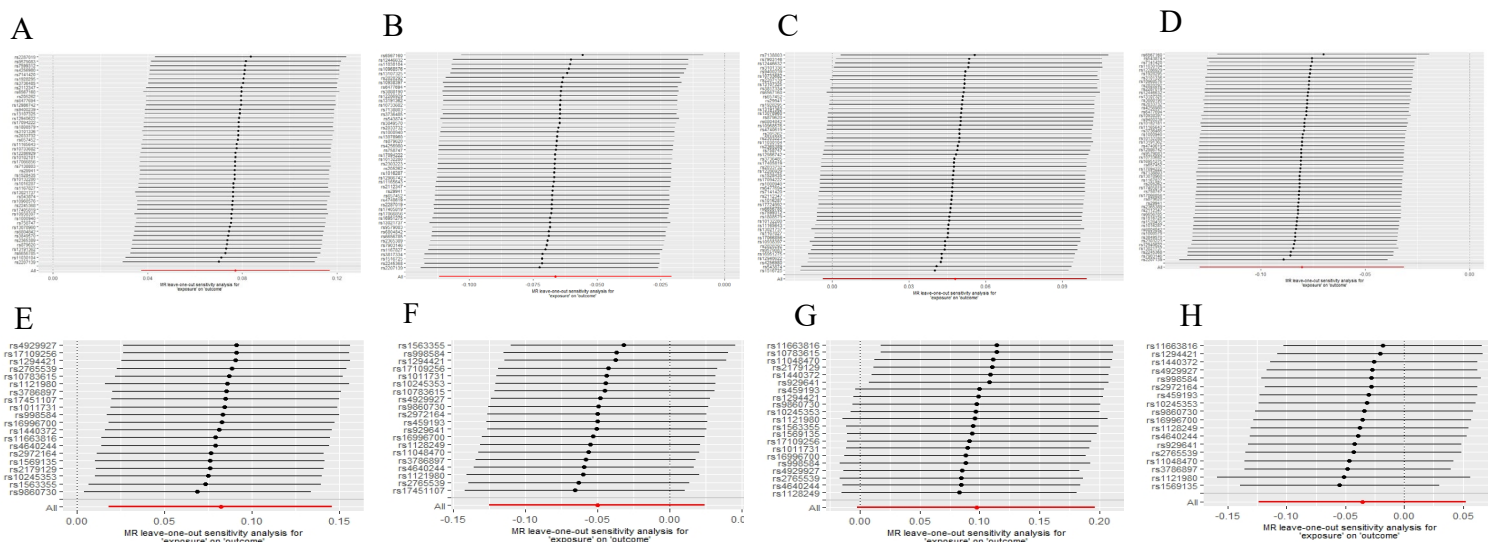
Supplemental Figure 1 Result for the RadialMR analysis in the SNPs (RadialMR plot). Association of genetically instrumented A) serum Ferritin; B) serum iron; C) TIBC; D) TSAT (exposure) with BMI (outcome) and E) serum Ferritin; F) serum iron; G) TIBC; H) TSAT (exposure) with WHR (outcome). Abbreviations: IVW, inverse variance weighting.



Supplemental Figure 2 Result for the RadialMR analysis in the SNPs (RadialMR plot). Association of genetically instrumented BMI (exposure) with A) serum Ferritin; B) serum iron; C) TIBC; D) TSAT (outcome) and WHR (exposure) with E) serum Ferritin; F) serum iron; G) TIBC; H) TSAT (outcome). Abbreviations: IVW, inverse variance weighting.



Supplemental Figure 3 Result for leave-one-out analysis of the forward causal effect (Forest plots). Association of genetically instrumented A) serum Ferritin; B) serum iron; C) TIBC; D) TSAT (exposure) with BMI (outcome) and E) serum Ferritin; F) serum iron; G) TIBC; H) TSAT (exposure) with WHR (outcome).



Supplemental Figure 4 Result for leave-one-out analysis of the reverse causal effect (Forest plots). Association of genetically instrumented BMI (exposure) with A) serum Ferritin; B) serum iron; C) TIBC; D) TSAT (outcome) and WHR (exposure) with E) serum Ferritin; F) serum iron; G) TIBC; H) TSAT (outcome).