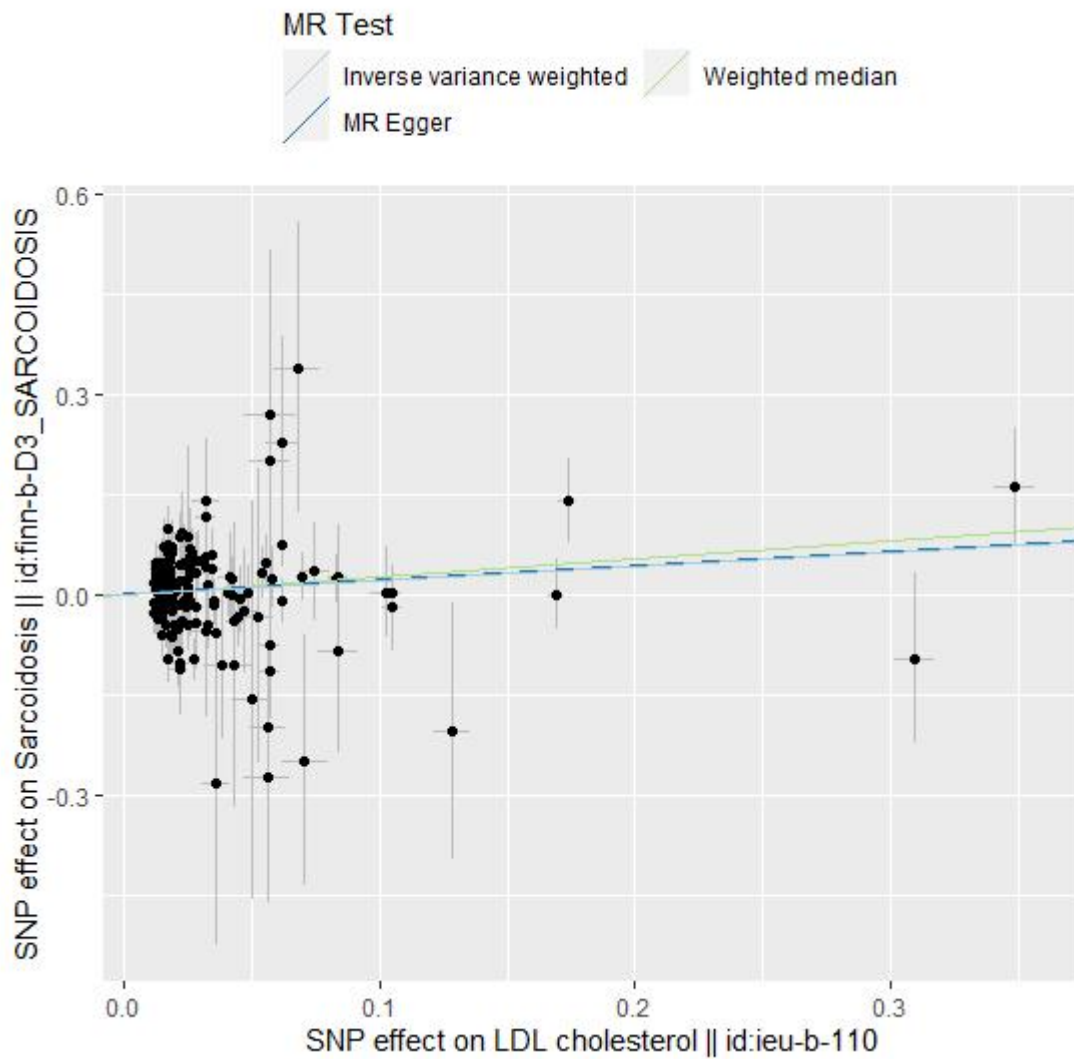


Supplementary Material

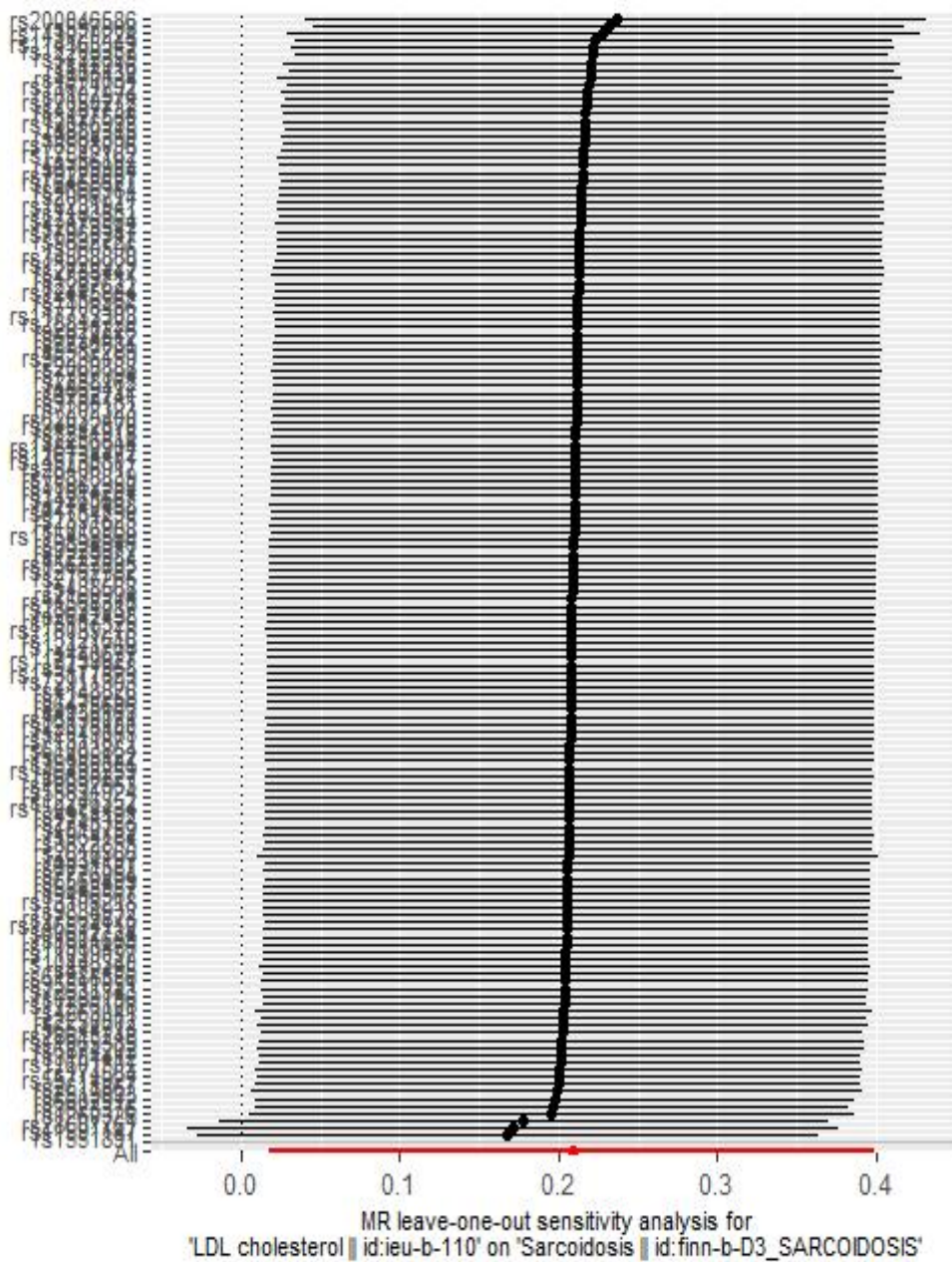
Supplementary Figures

LDL-c & Sarcoidosis Scatter plot



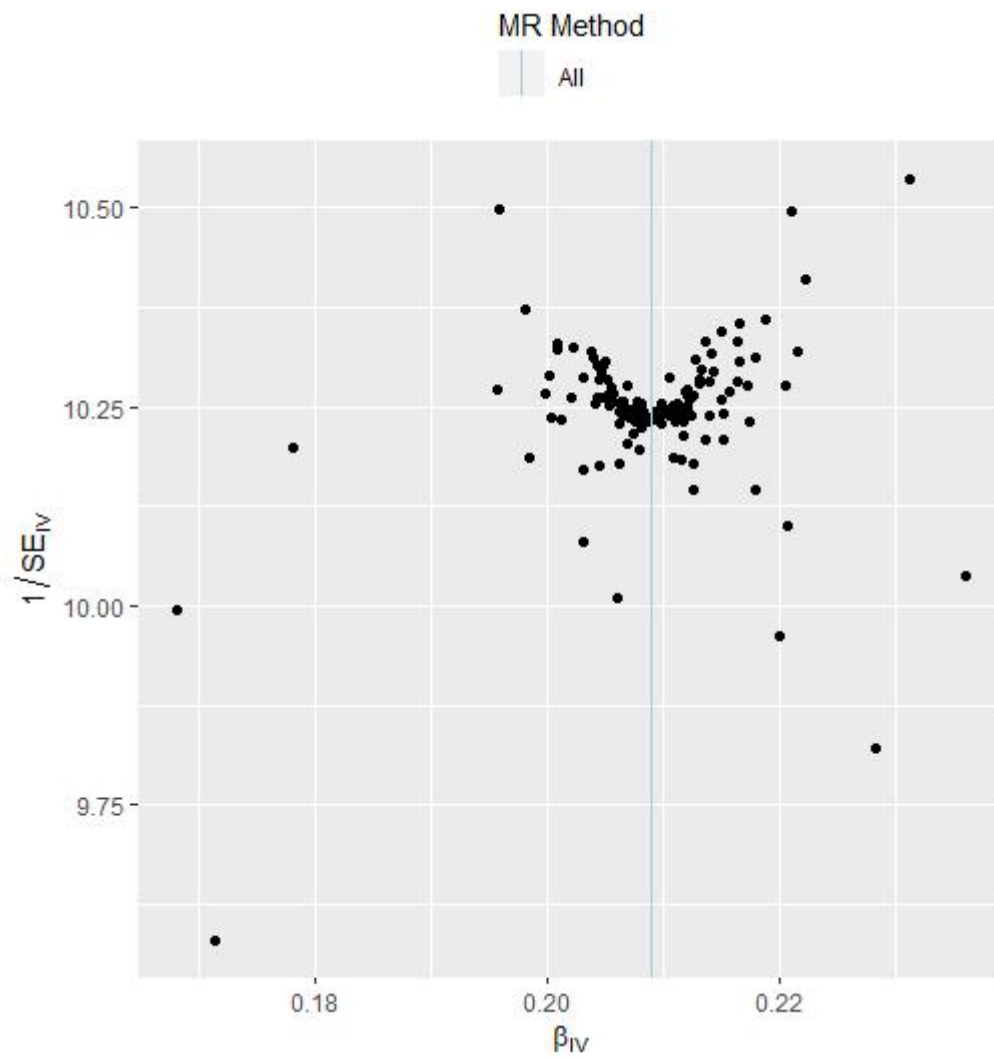
Supplemental Figure 1. Scatter plot of between serum LDL-c and sarcoidosis TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.

LDL-c & Sarcoidosis leave-one-out analysis



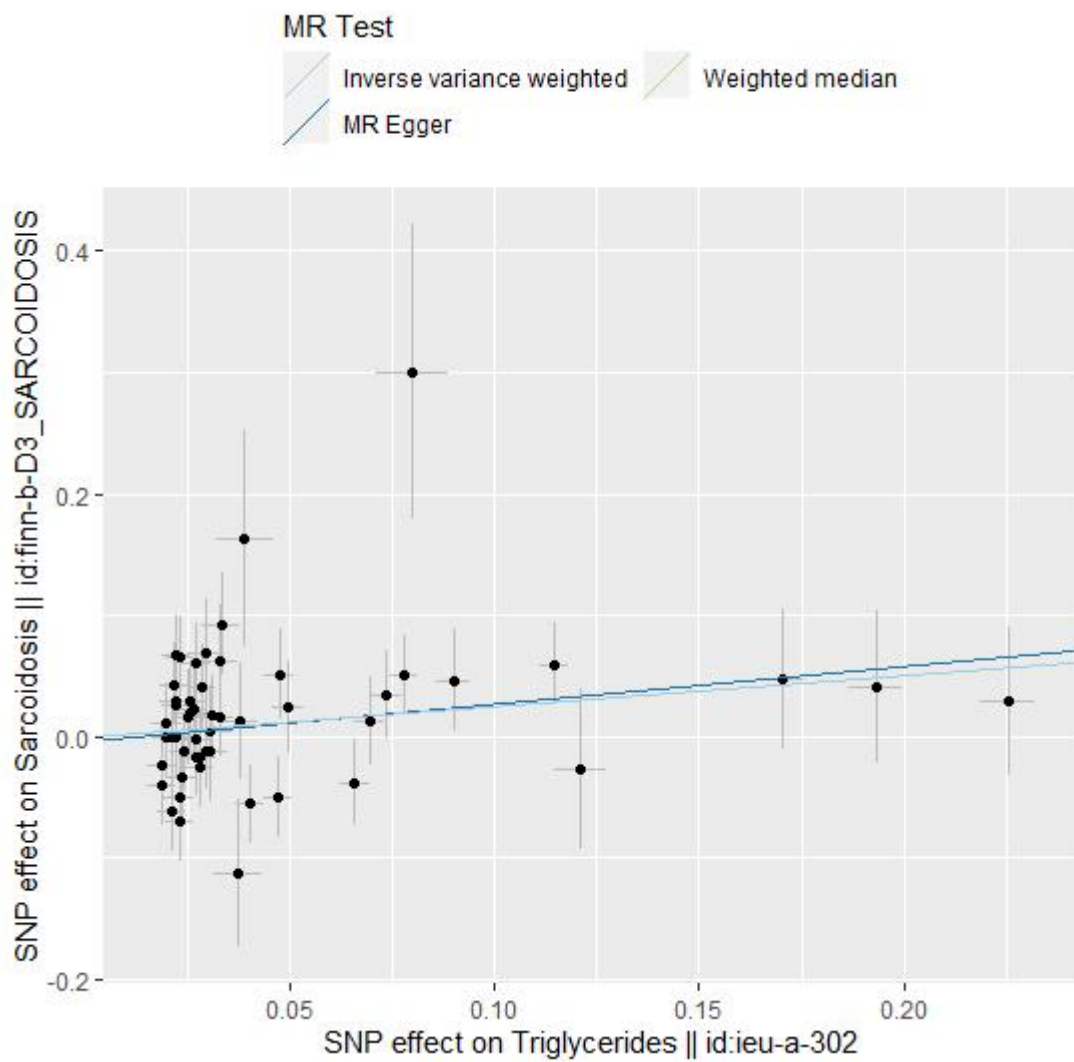
Supplemental Figure 2. Serum LDL-c and sarcoidosis TSMR leave-one-out analysis. LDL-c, low density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization

LDL-c & Sarcoidosis funnel plot



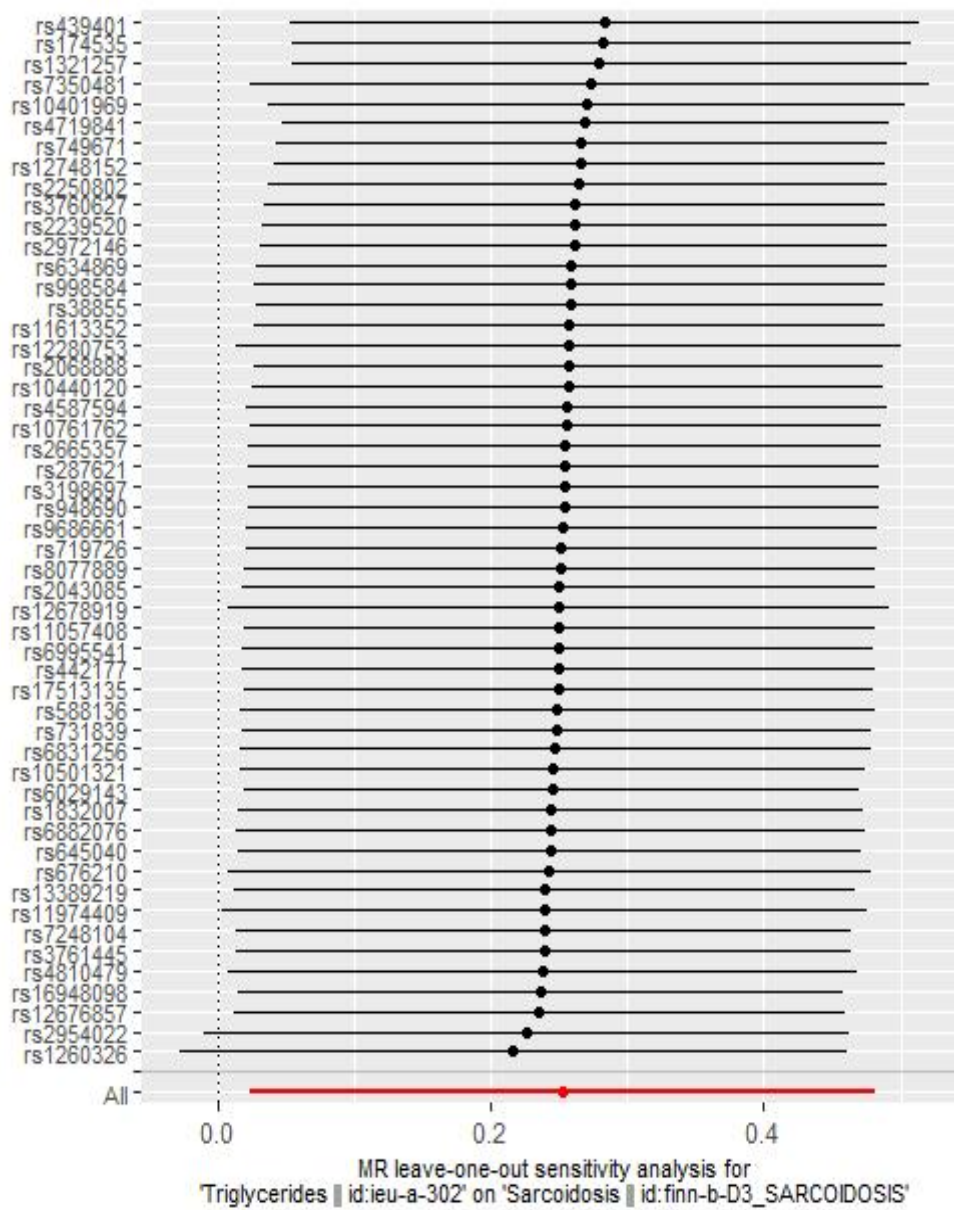
Supplemental Figure 3. Funnel plot of between serum LDL-c and sarcoidosis TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.

TG & sarcoidosis Scatter plot



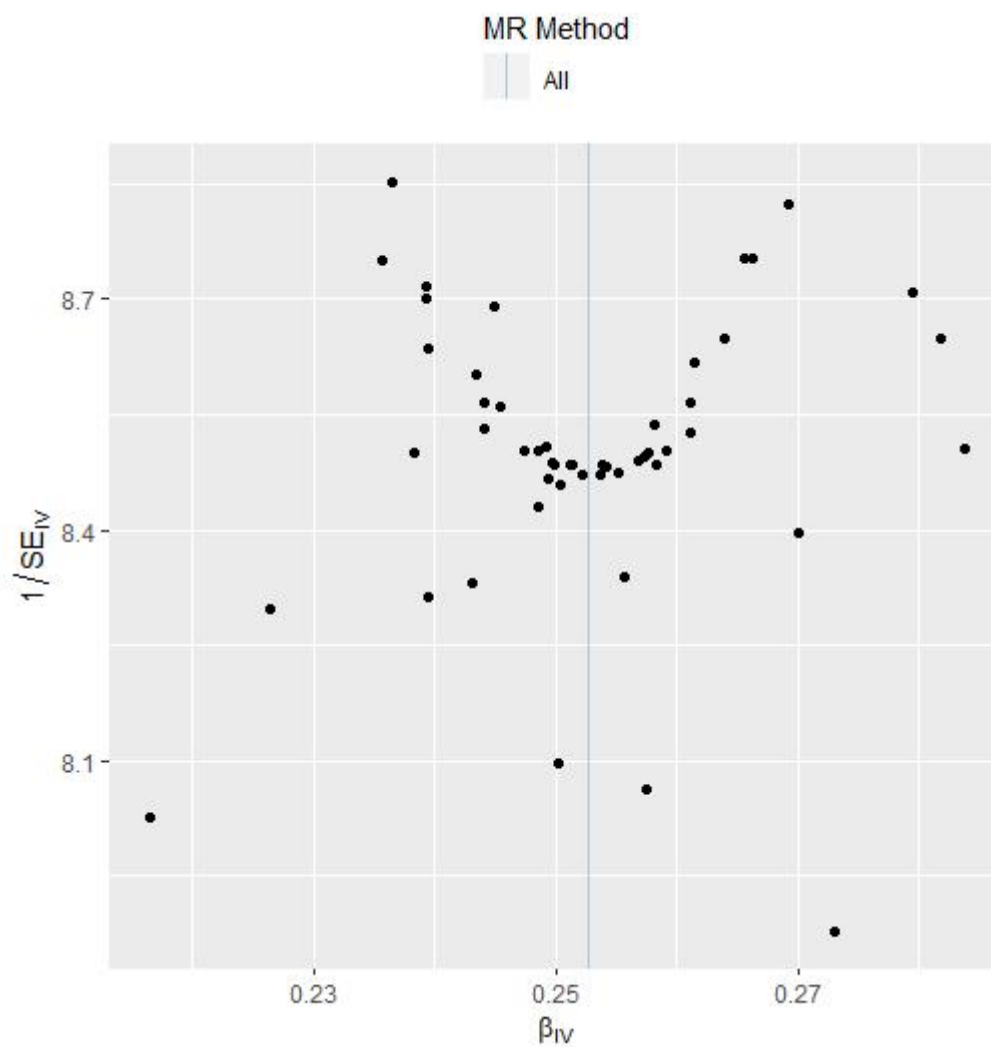
Supplemental Figure 4. Scatter plot of between serum TG and sarcoidosis TSMR. TG, total triglycerides; TSMR, two-sample Mendelian randomization

TG & sarcoidosis leave-one-out analysis



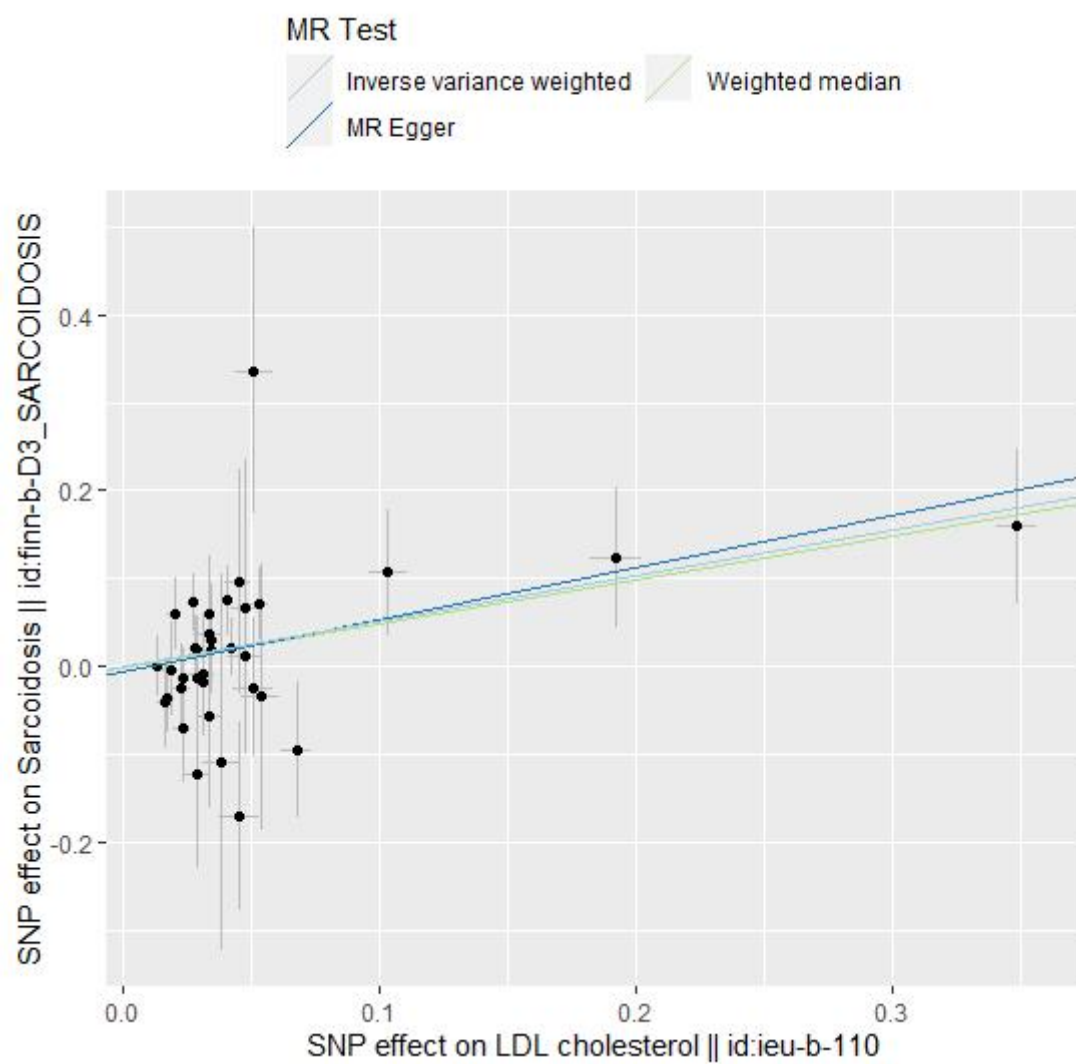
Supplemental Figure 5. Serum TG and sarcoidosis TSMR leave-one-out analysis. TG, total triglycerides; TSMR, two-sample Mendelian randomization.

TG & Sarcoidosis funnel plot



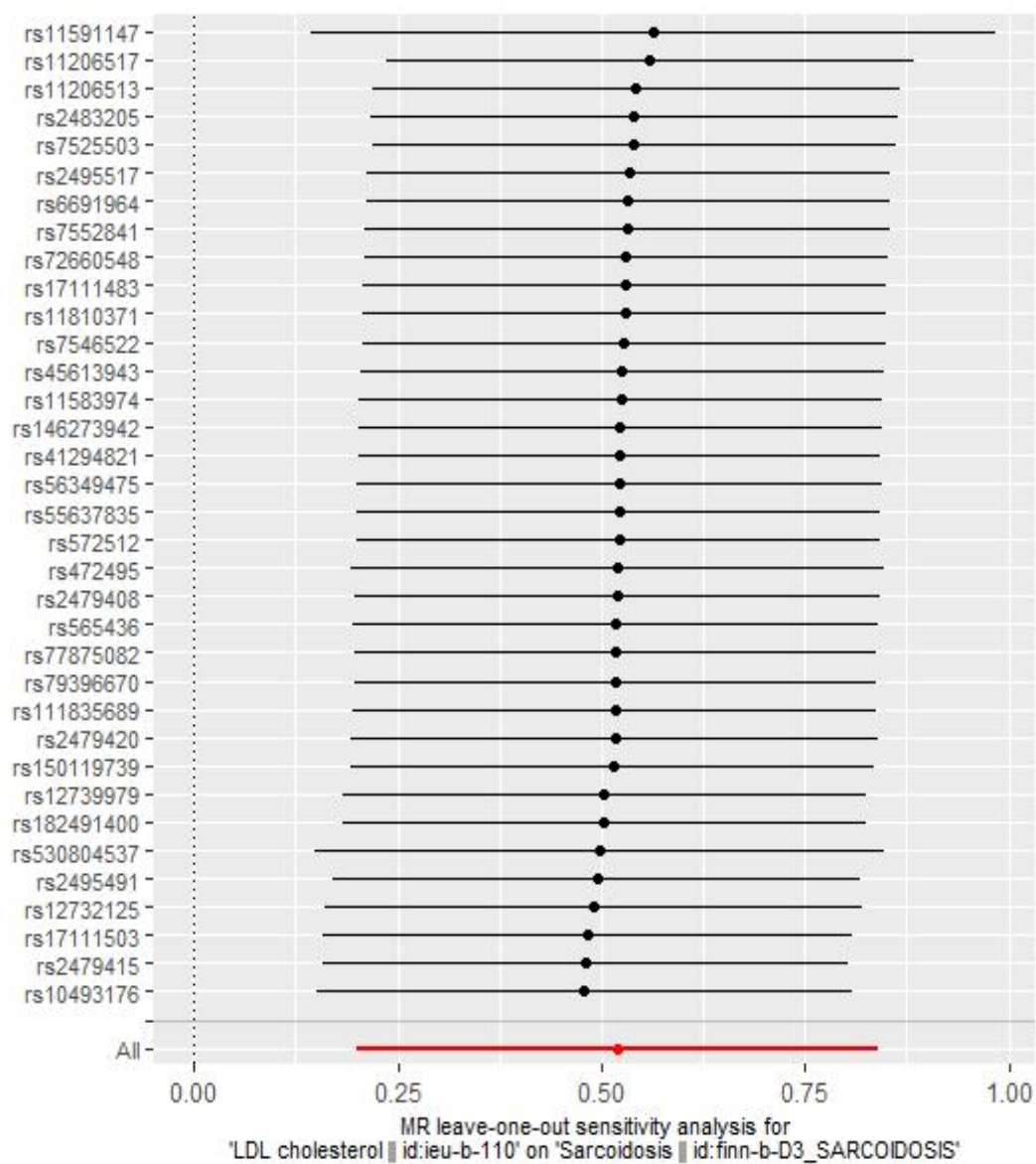
Supplemental Figure 6. Funnel plot of between serum TG and sarcoidosis TSMR. TC, total triglycerides; TSMR, two-sample Mendelian randomization.

PCSK9 & Sarcoidosis Scatter plot



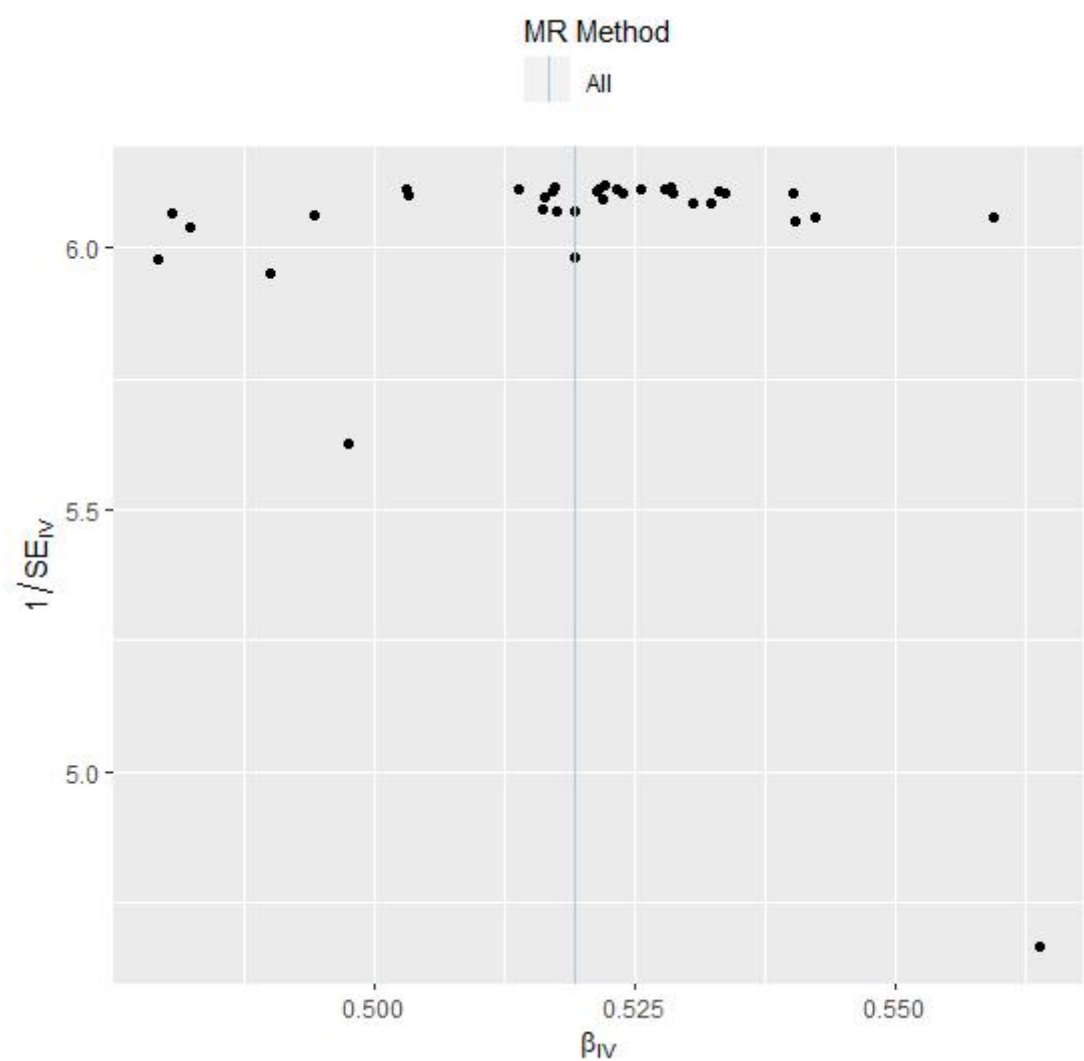
Supplemental Figure 7. Scatter plot of betweenPCSK9 and sarcoidosis DMR. DMR, drug target Mendelian randomization.

PCSK9 & Sarcoidosis leave-one-out analysis

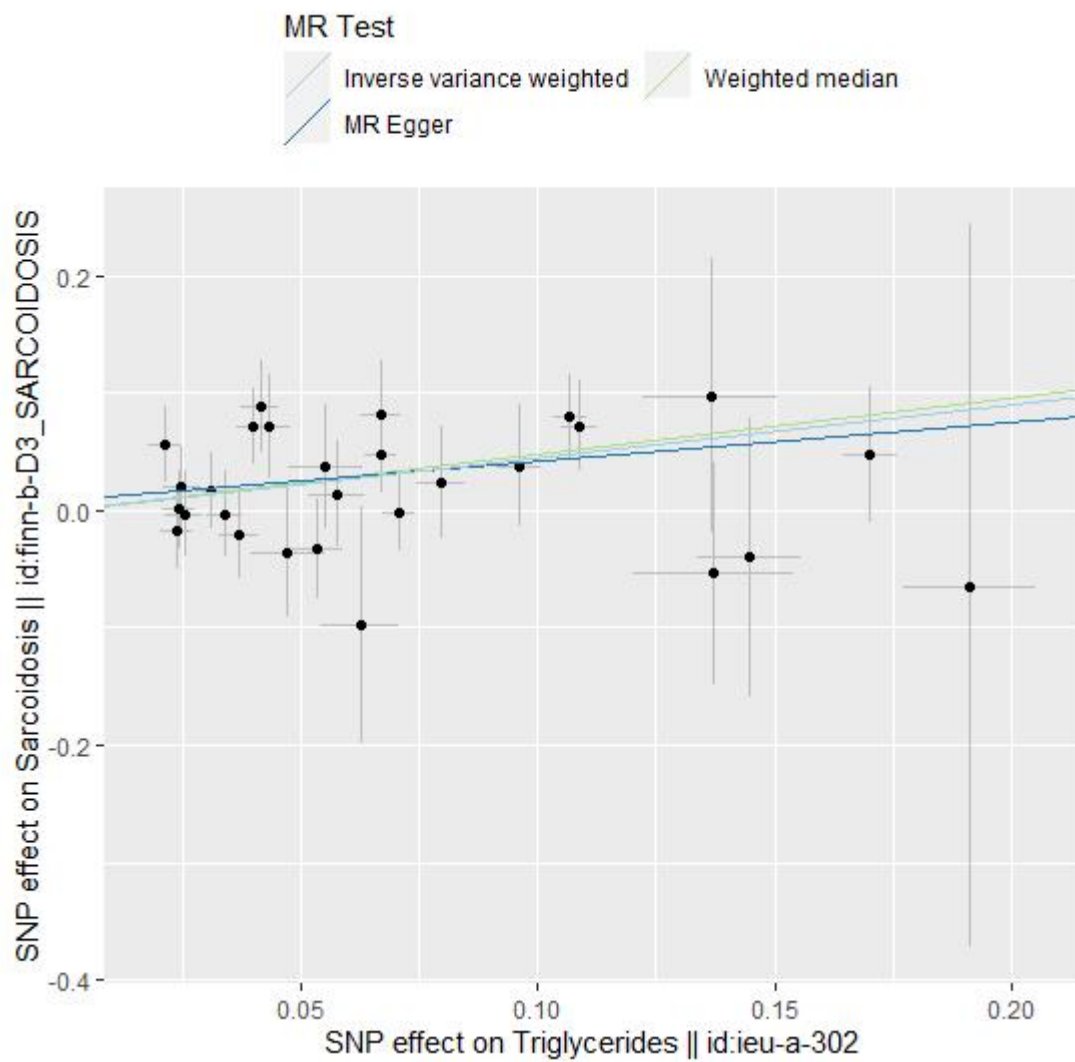


Supplemental Figure 8. PCSK9 and sarcoidosis DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

PCSK9 & Sarcoidosis funnel plot

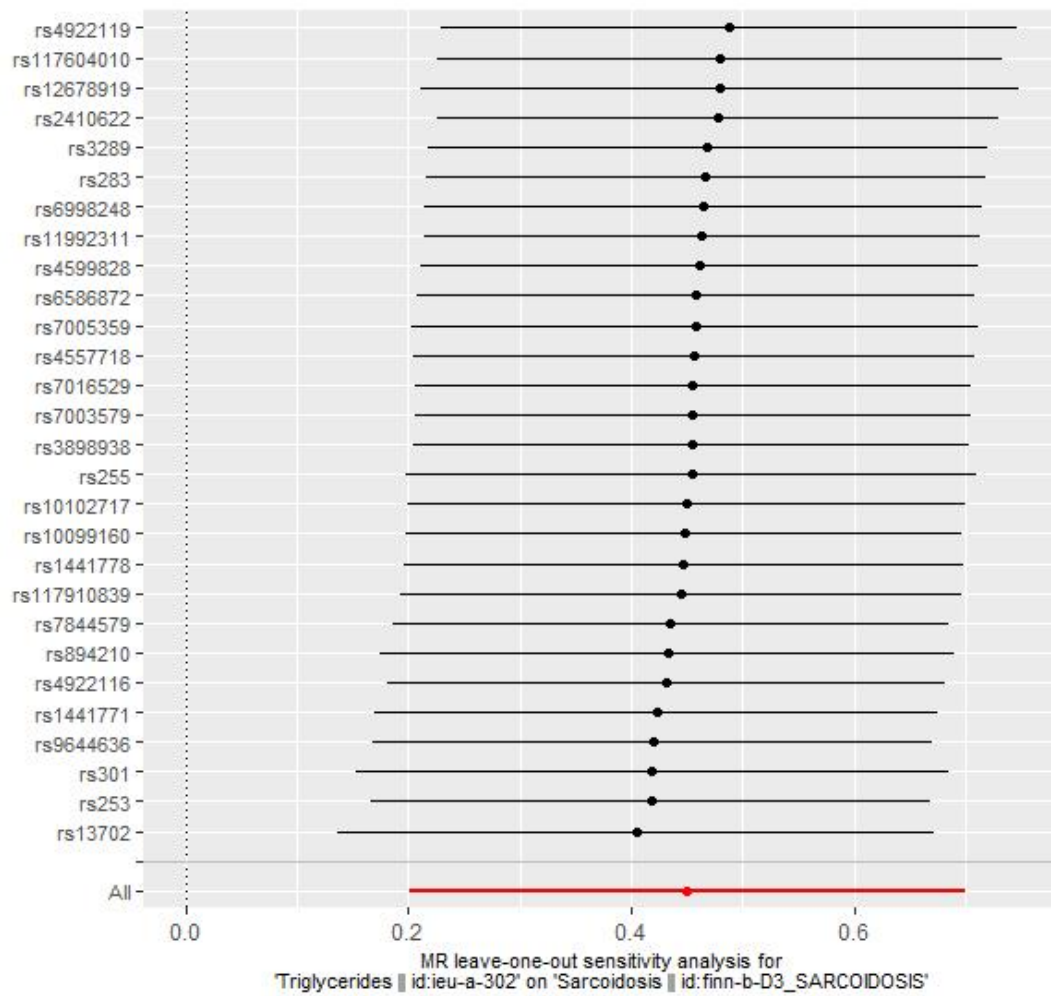


LPL & Sarcoidosis Scatter plot



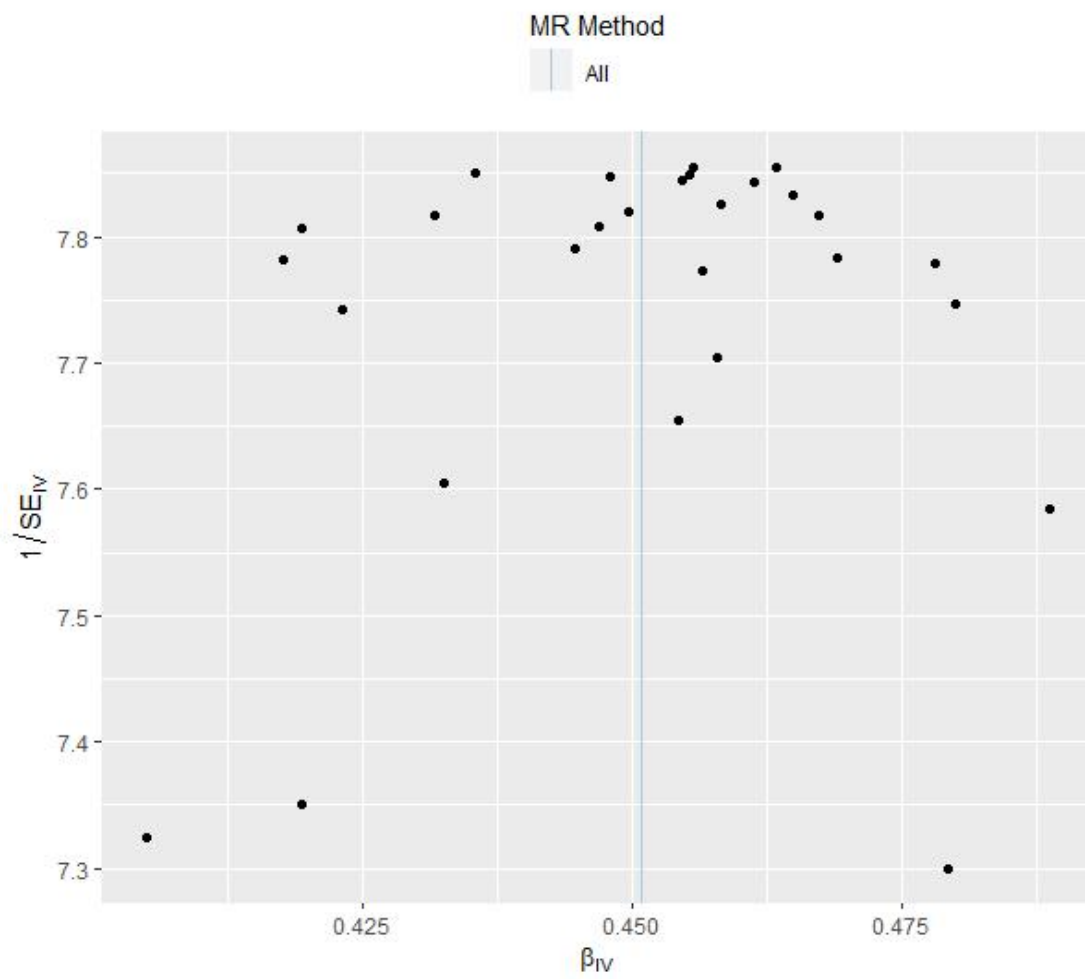
Supplemental Figure 10. Scatter plot of between LPL and sarcoidosis DMR. DMR, drug target Mendelian randomization

LPL & Sarcoidosis leave-one-out analysis



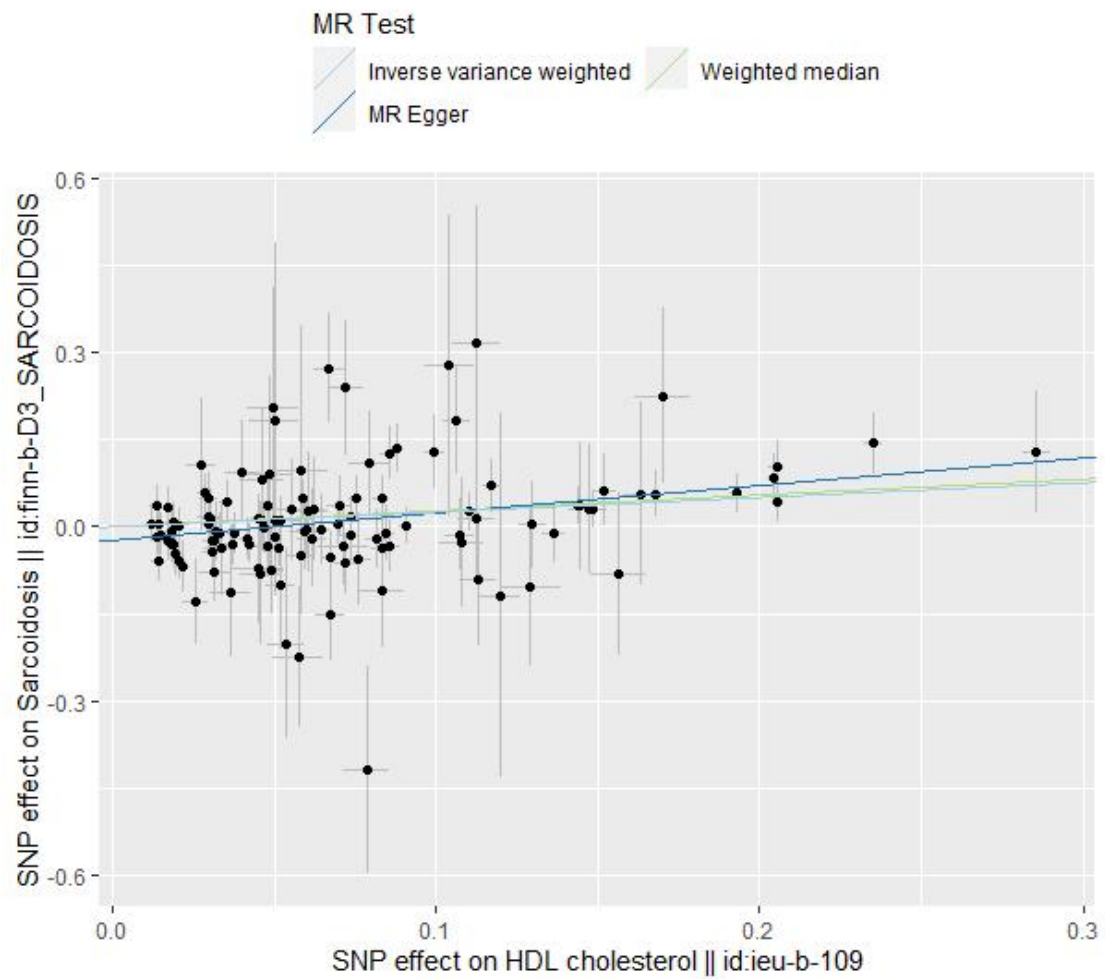
Supplemental Figure 11. LPL and Sarcoidosis DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

LPL & Sarcoidosis funnel plot



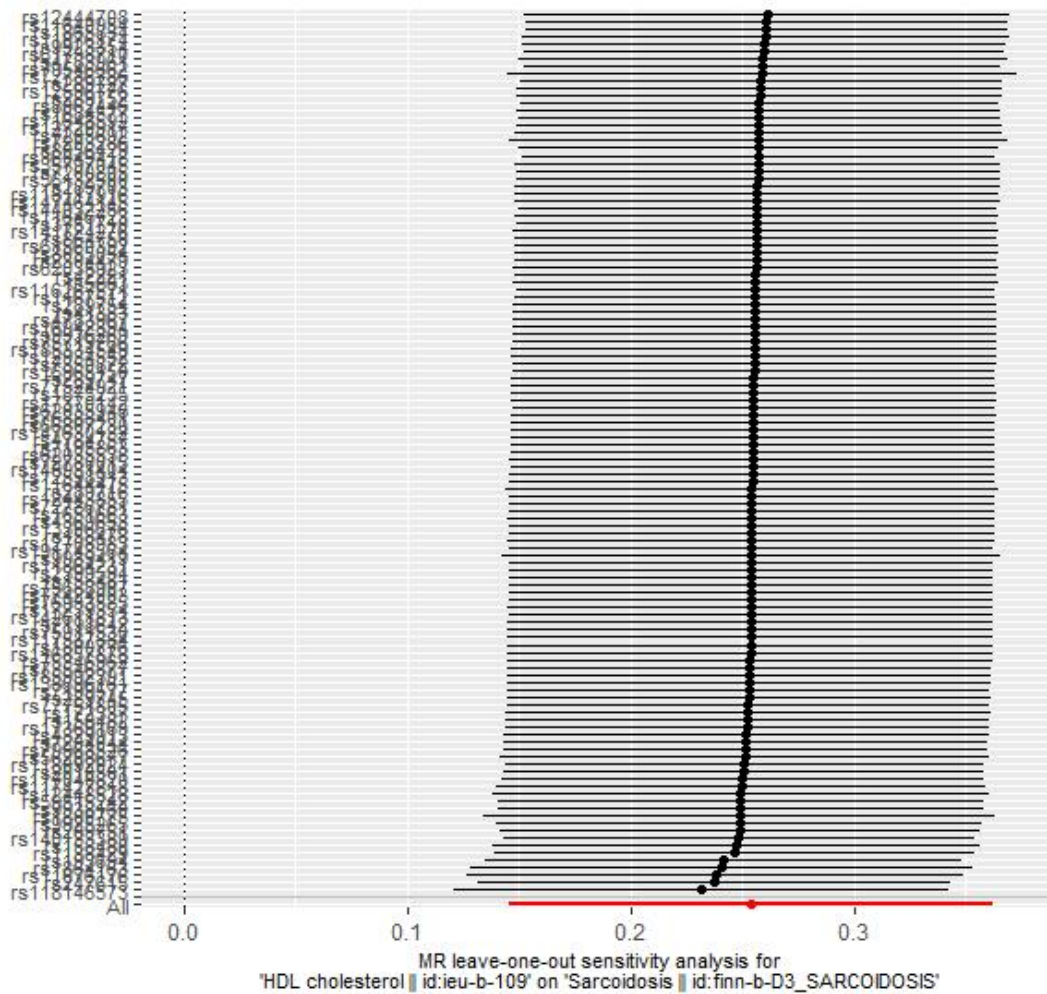
Supplemental Figure 12. Funnel plot of between LPL and Sarcoidosis DMR. DMR, drug target Mendelian randomization.

CETP & Sarcoidosis scatter plot



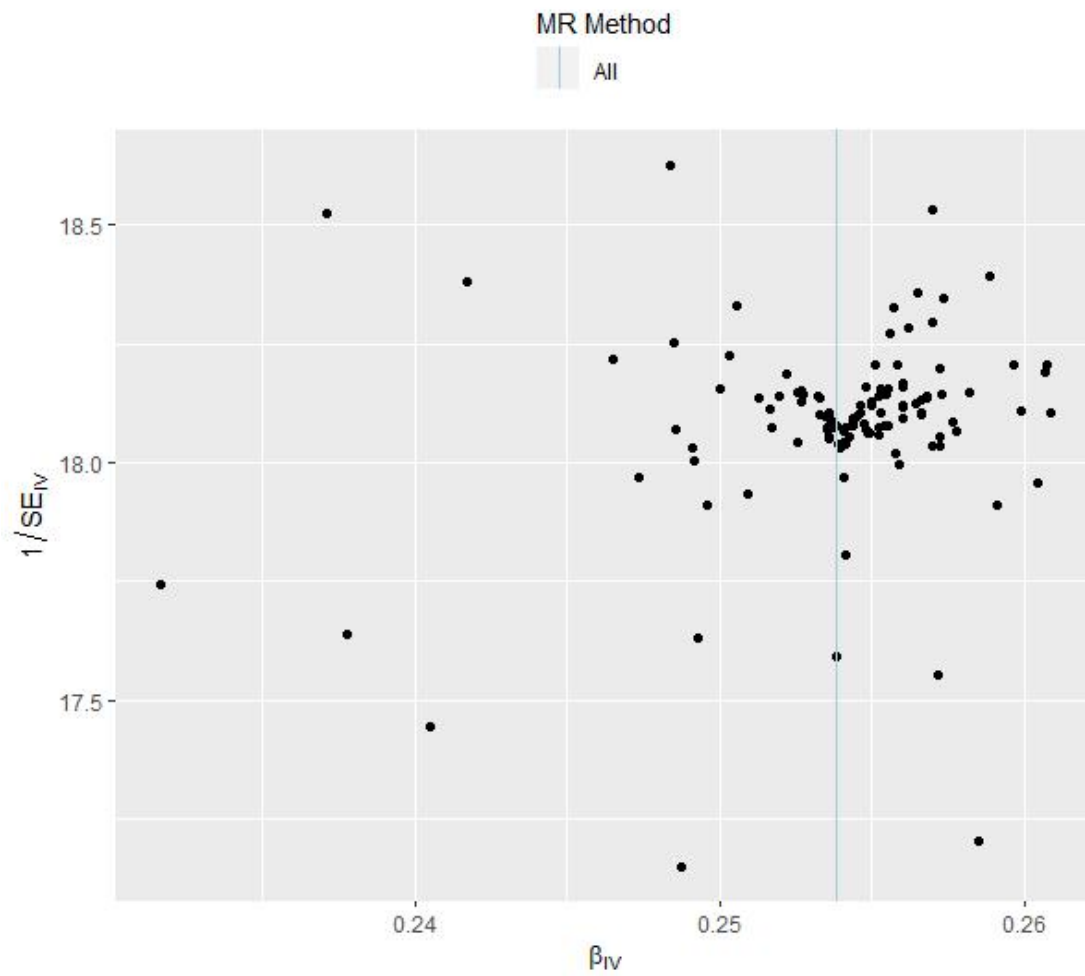
Supplemental Figure 13. Scatter plot of between CETP and Sarcoidosis DMR. DMR, drug target Mendelian randomization

CETP & Sarcoidosis leave-one-out analysis



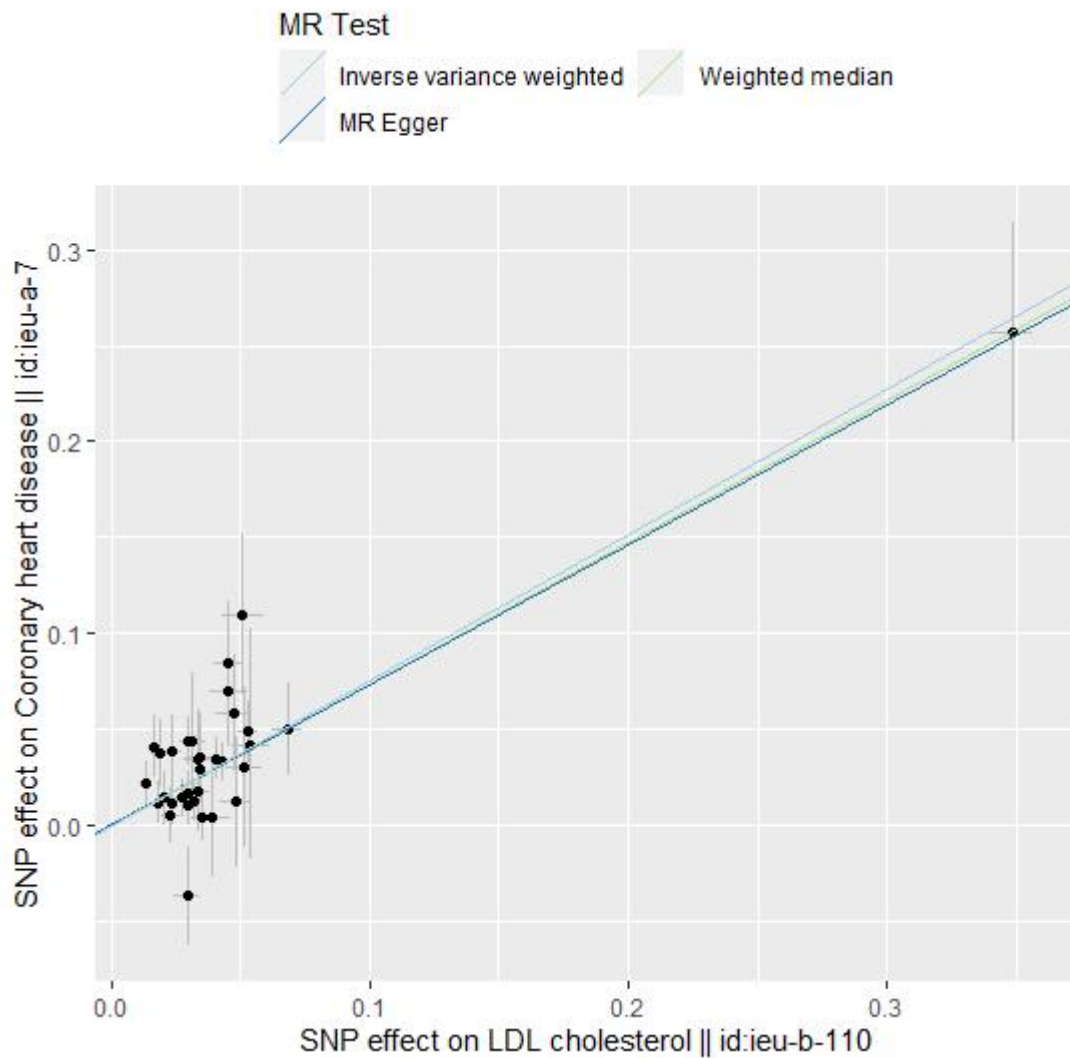
Supplemental Figure 14. CETP and Sarcoidosis DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

CETP & Sarcoidosis funnel plot



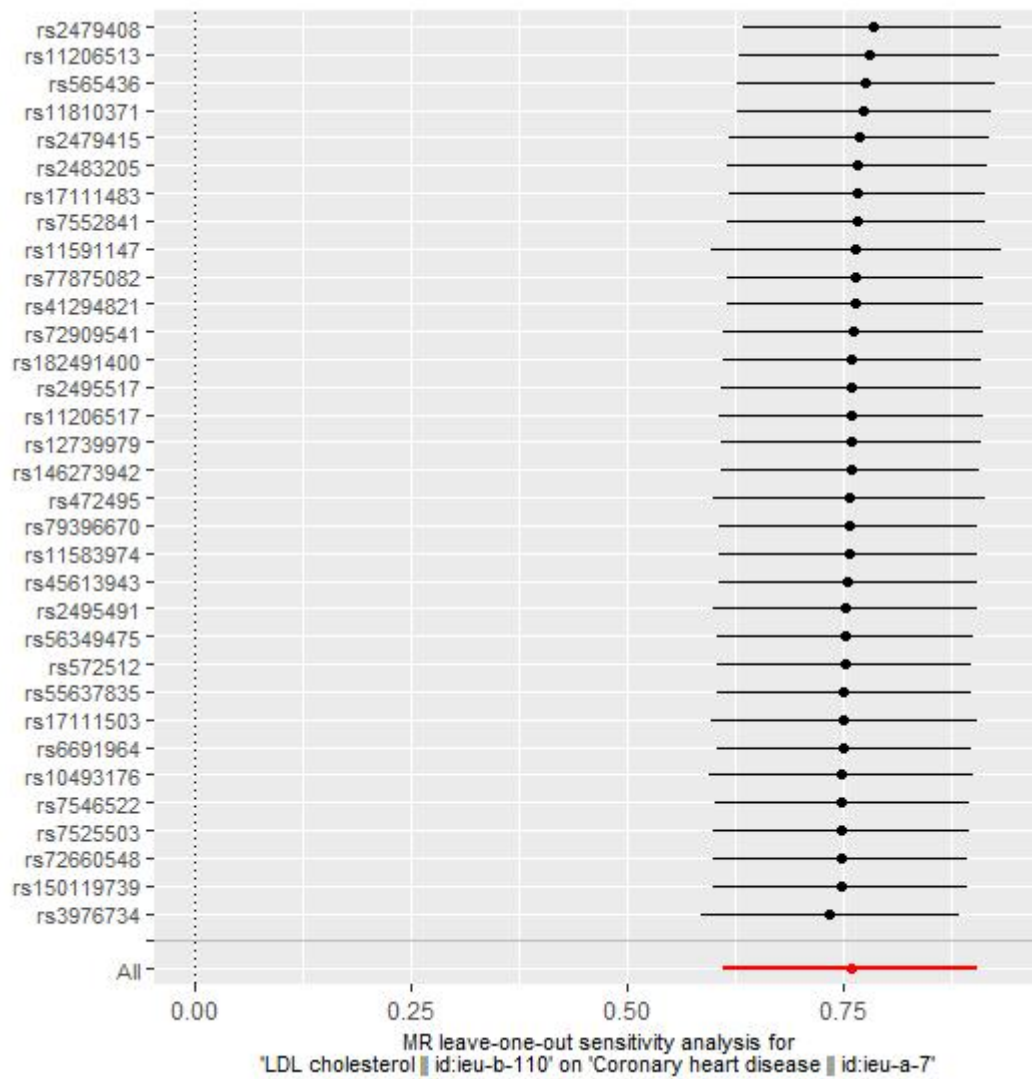
Supplemental Figure 15. Funnel plot of between CETP and Sarcoidosis DMR. DMR, drug target Mendelian randomization.

PCSK9 & CHD scatter plot



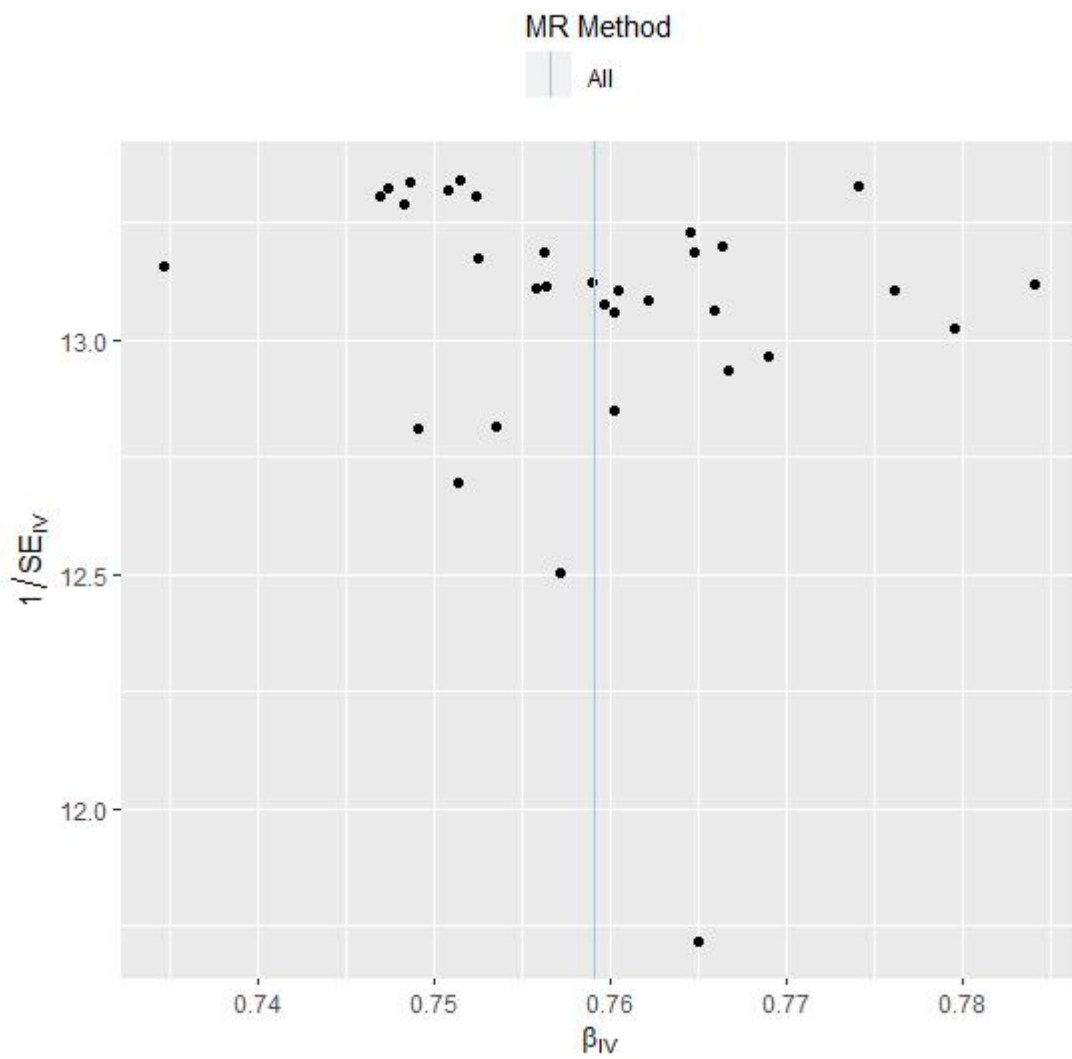
Supplemental Figure 16 Scatter plot of between PCSK9 and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

PCSK9 & CHD leave-one-out analysis



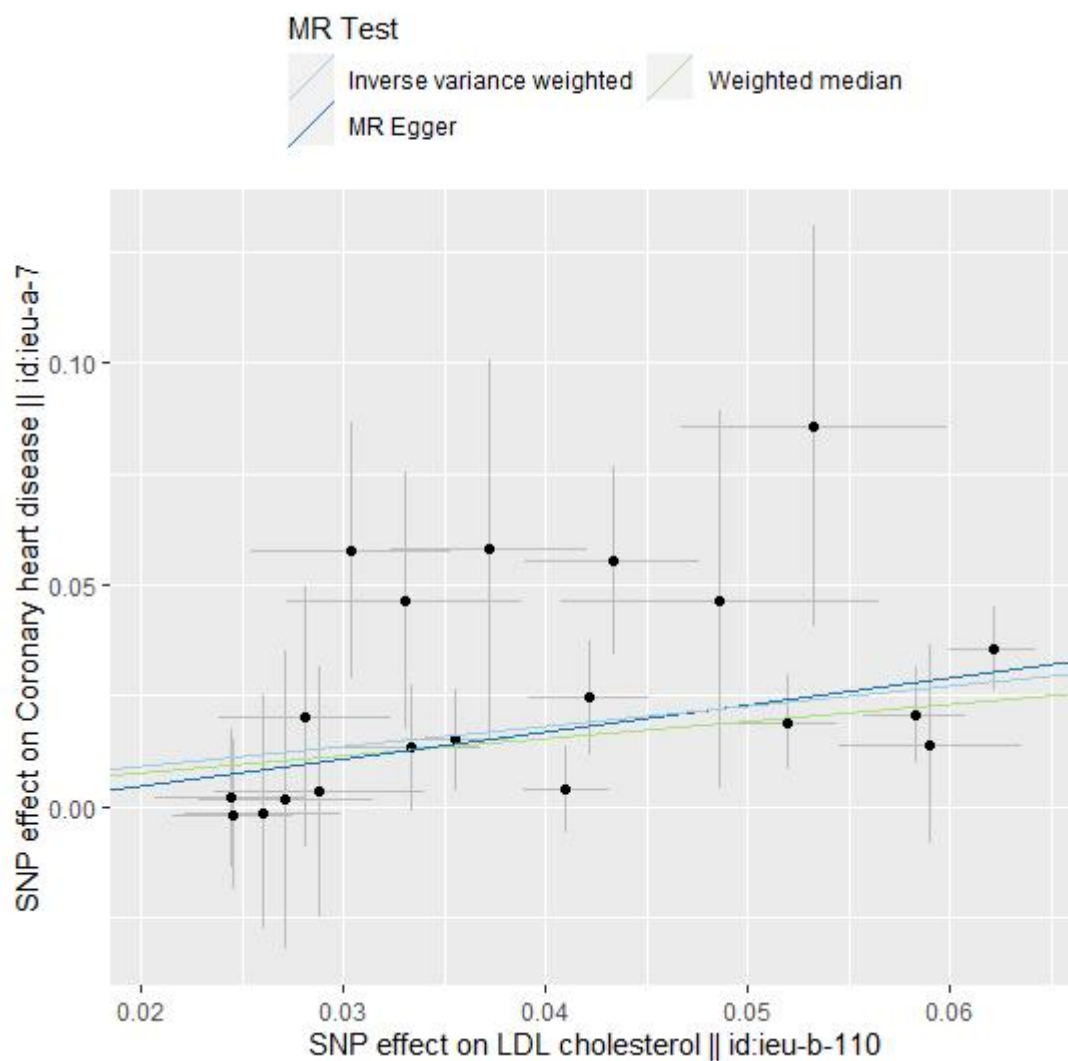
Supplemental Figure 17. PCSK9 and Coronary Heart Disease DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

PCSK9 & CHD funnel plot



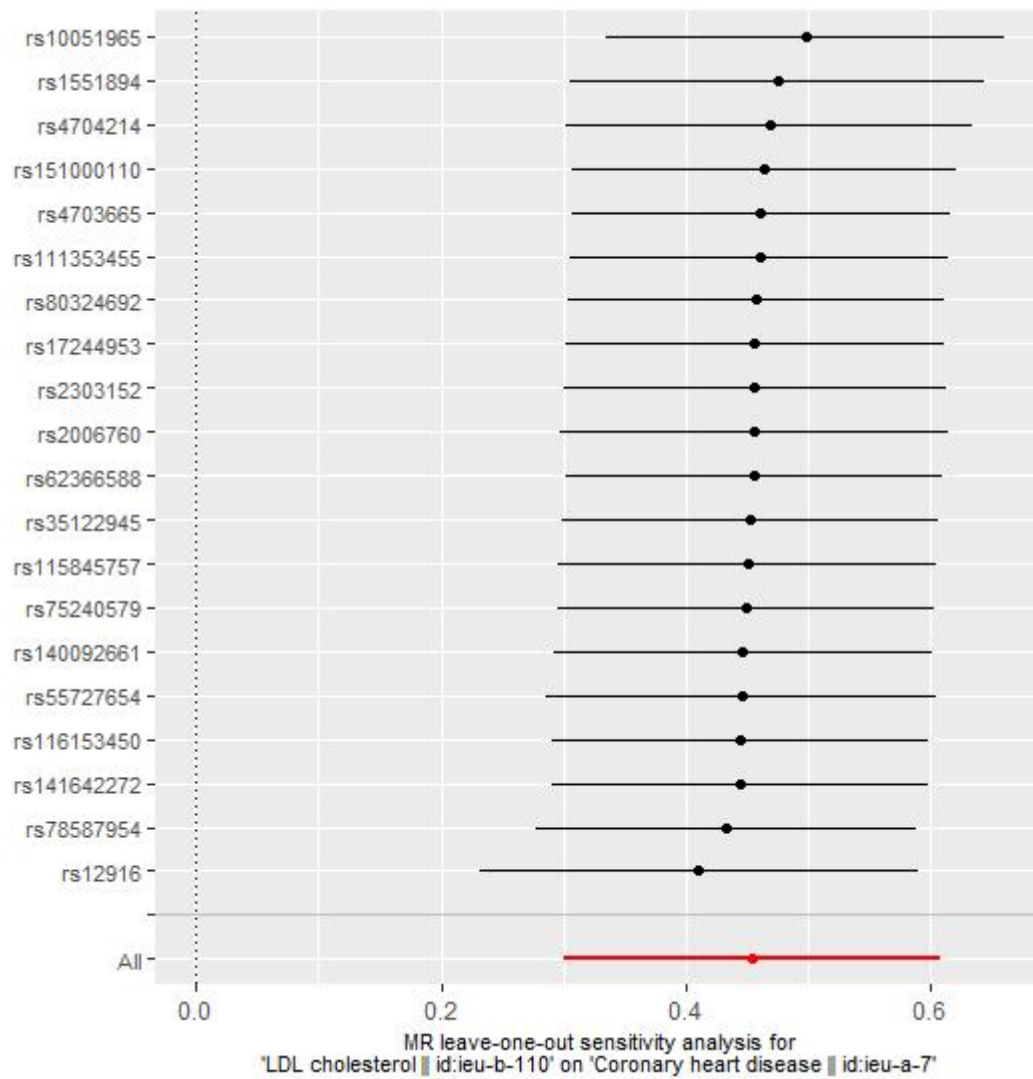
Supplemental Figure 18. Funnel plot of between PCSK9 and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization

HMGCR & CHD scatter plot



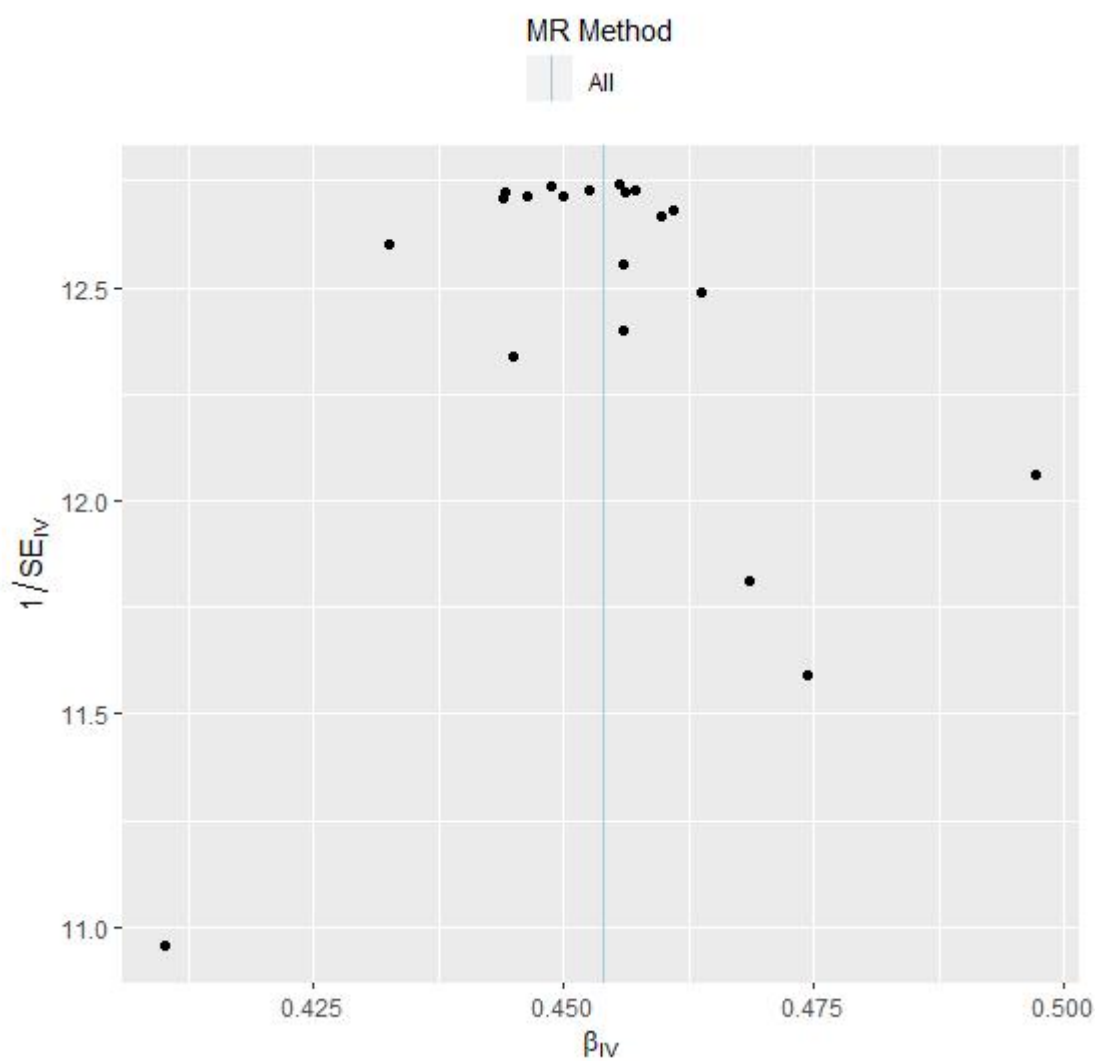
Supplemental Figure 19. Scatter plot of between HMGCR and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

HMGCR & CHD leave-one-out analysis



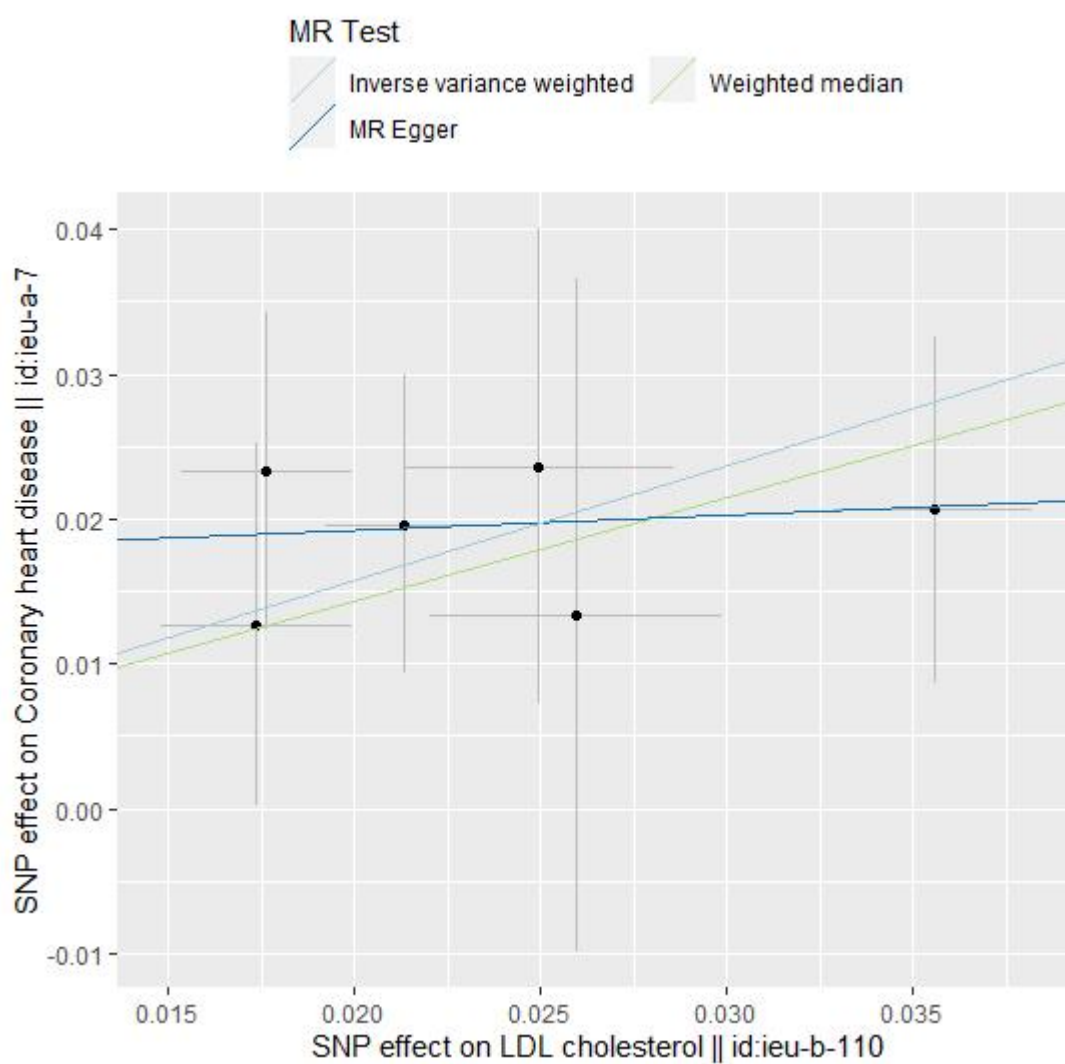
Supplemental Figure 20. HMGCR and Coronary Heart Disease DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

HMGCR & CHD funnel plot



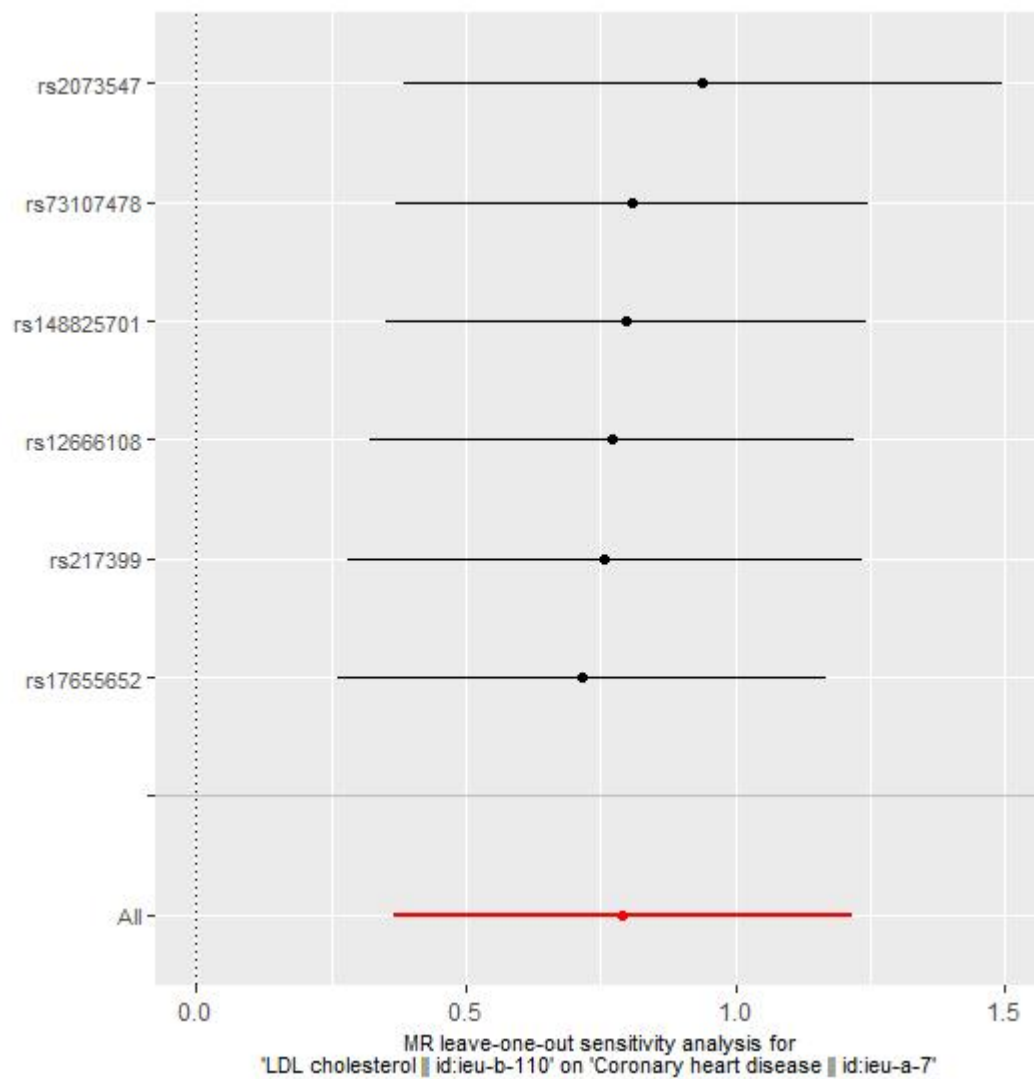
Supplemental Figure 21. Funnel plot of between HMGCR and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

NPC1L1 & CHD funnel plot



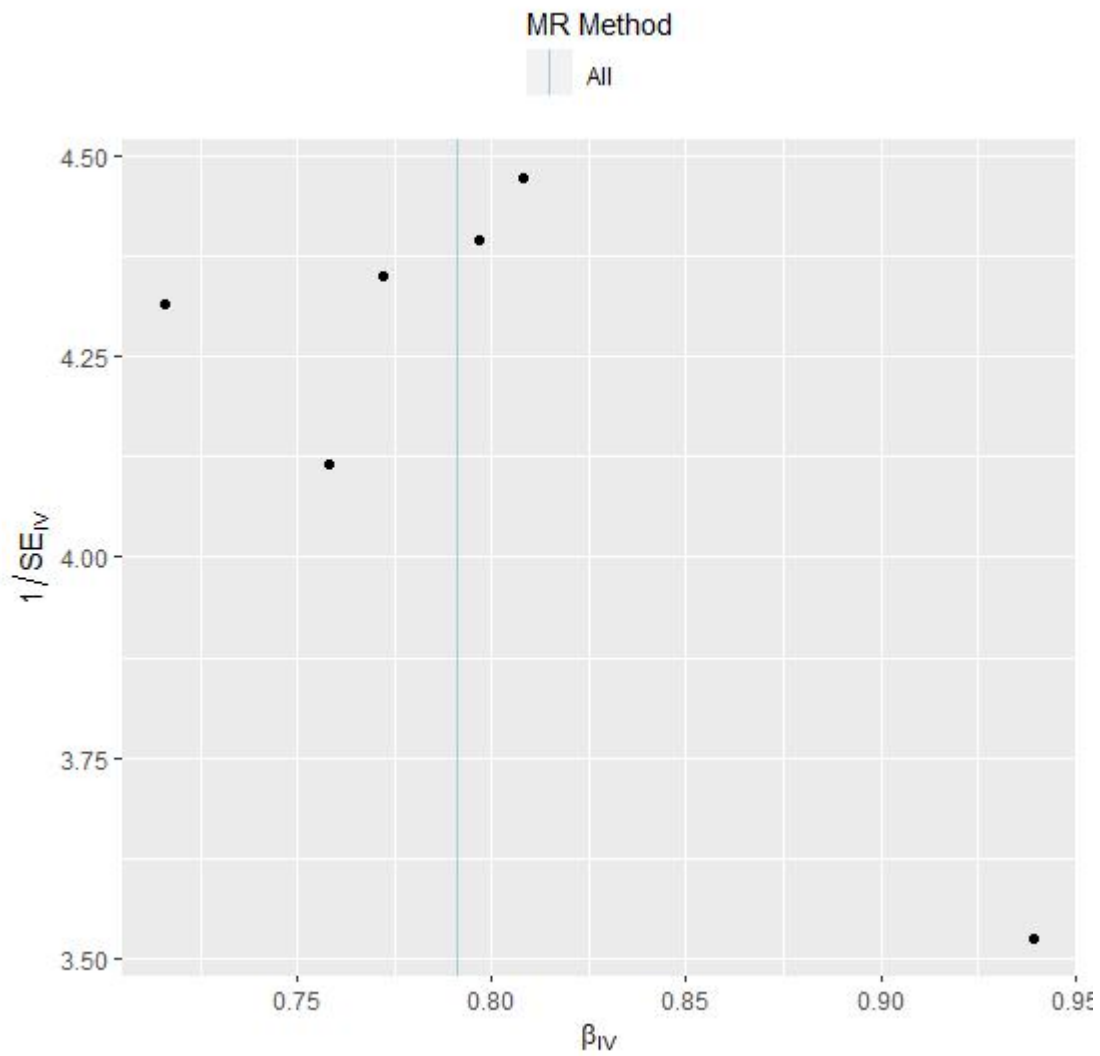
Supplemental Figure 22. Scatter plot of between NPC1L1 and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

NPC1L1 & CHD leave-one-out analysis



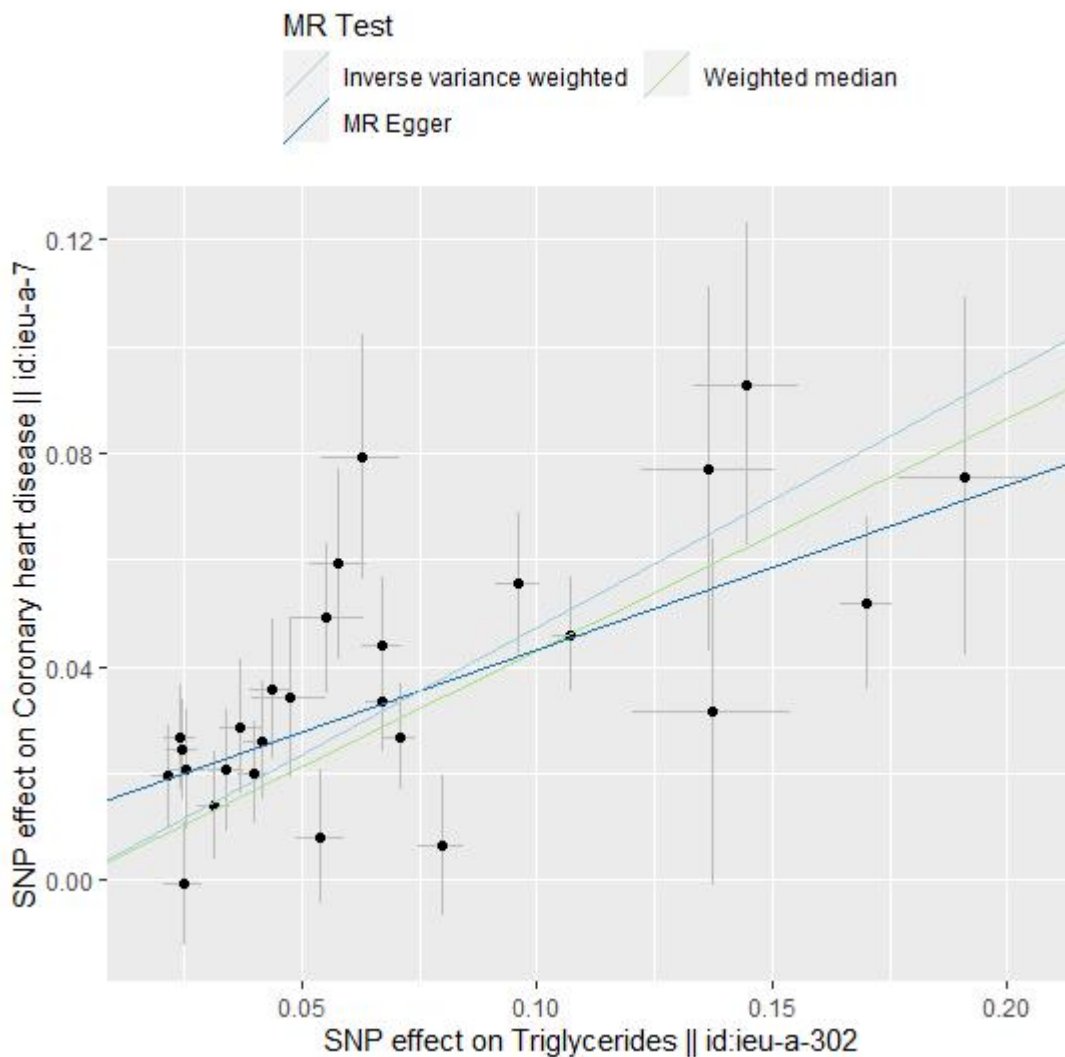
Supplemental Figure 23. NPC1L1 and Coronary Heart Disease DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

NPC1L1 & CHD funnel plot



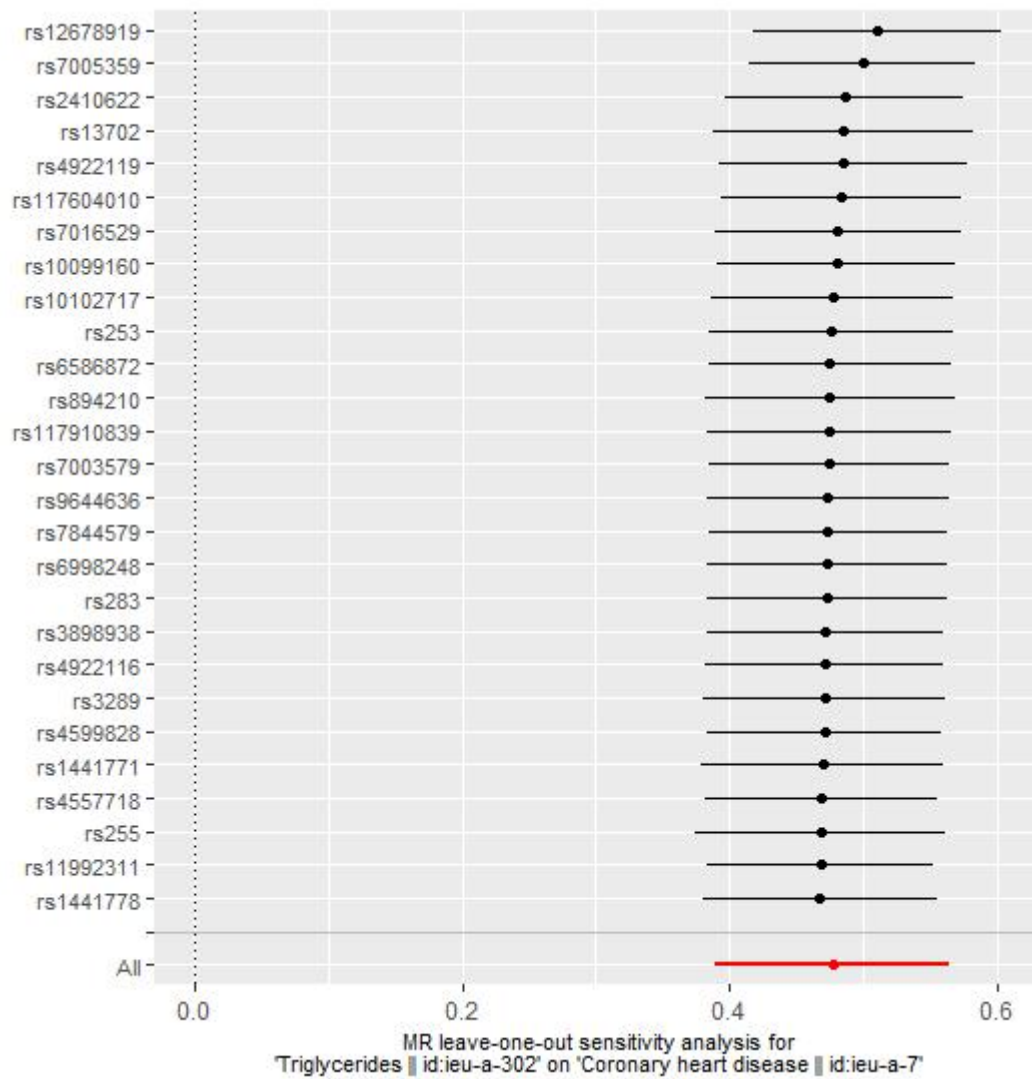
Supplemental Figure 24. Funnel plot of between NPC1L1 and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

LPL & CHD scatter plot



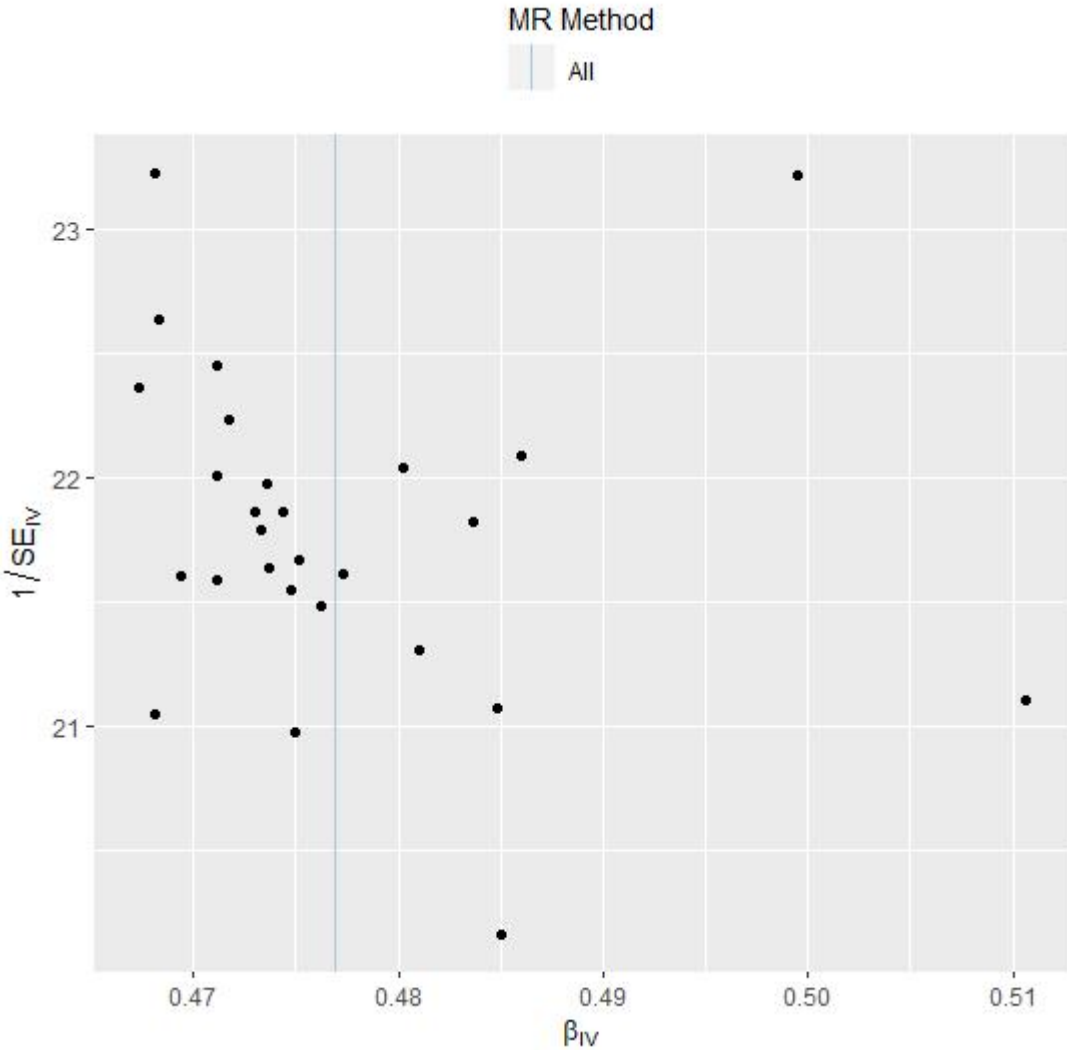
Supplemental Figure 25. Scatter plot of between LPL and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

LPL & CHD leave-one-out analysis



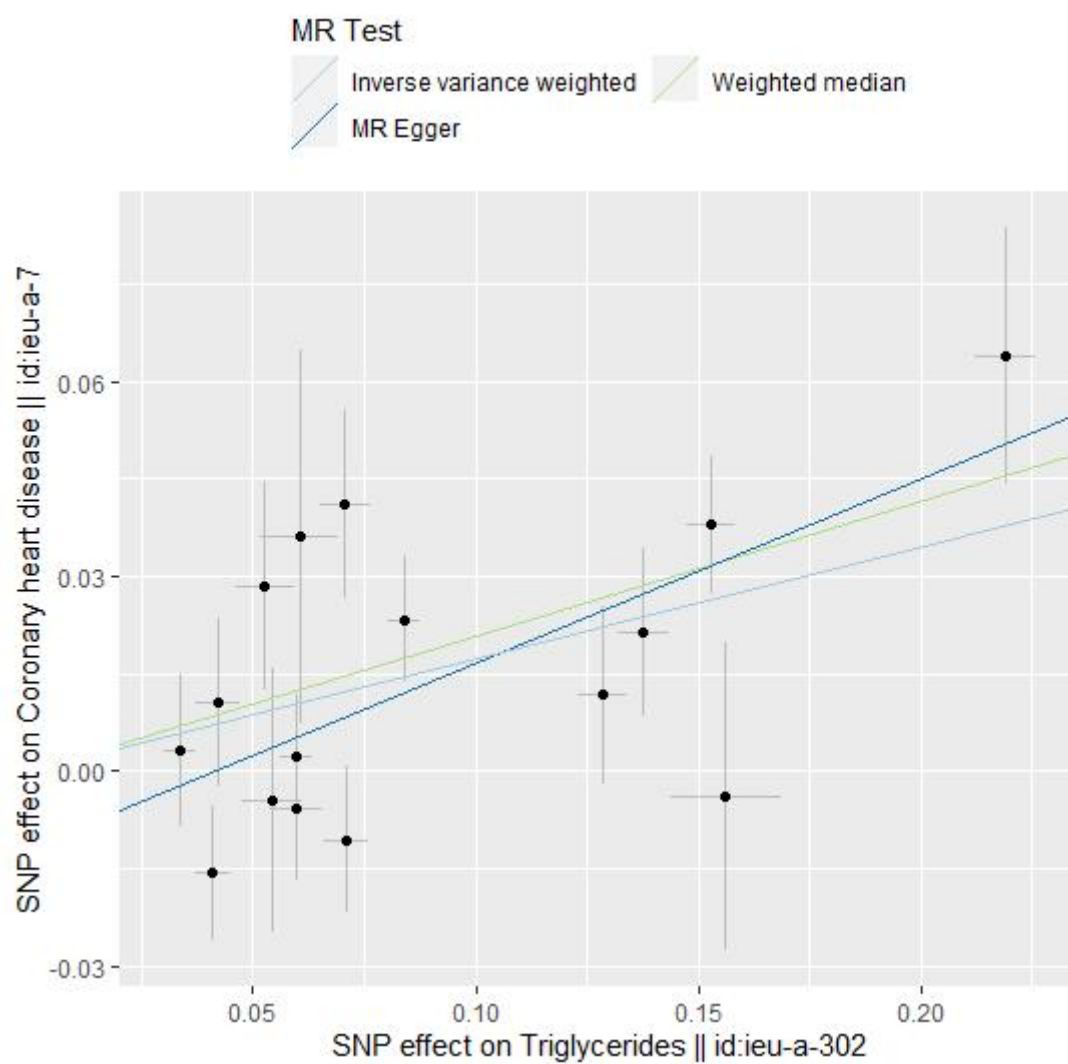
Supplemental Figure 26. LPL and Coronary Heart Disease DMR leave-one-out analysis. DMR, drug target Mendelian randomization

LPL & CHD funnel plot



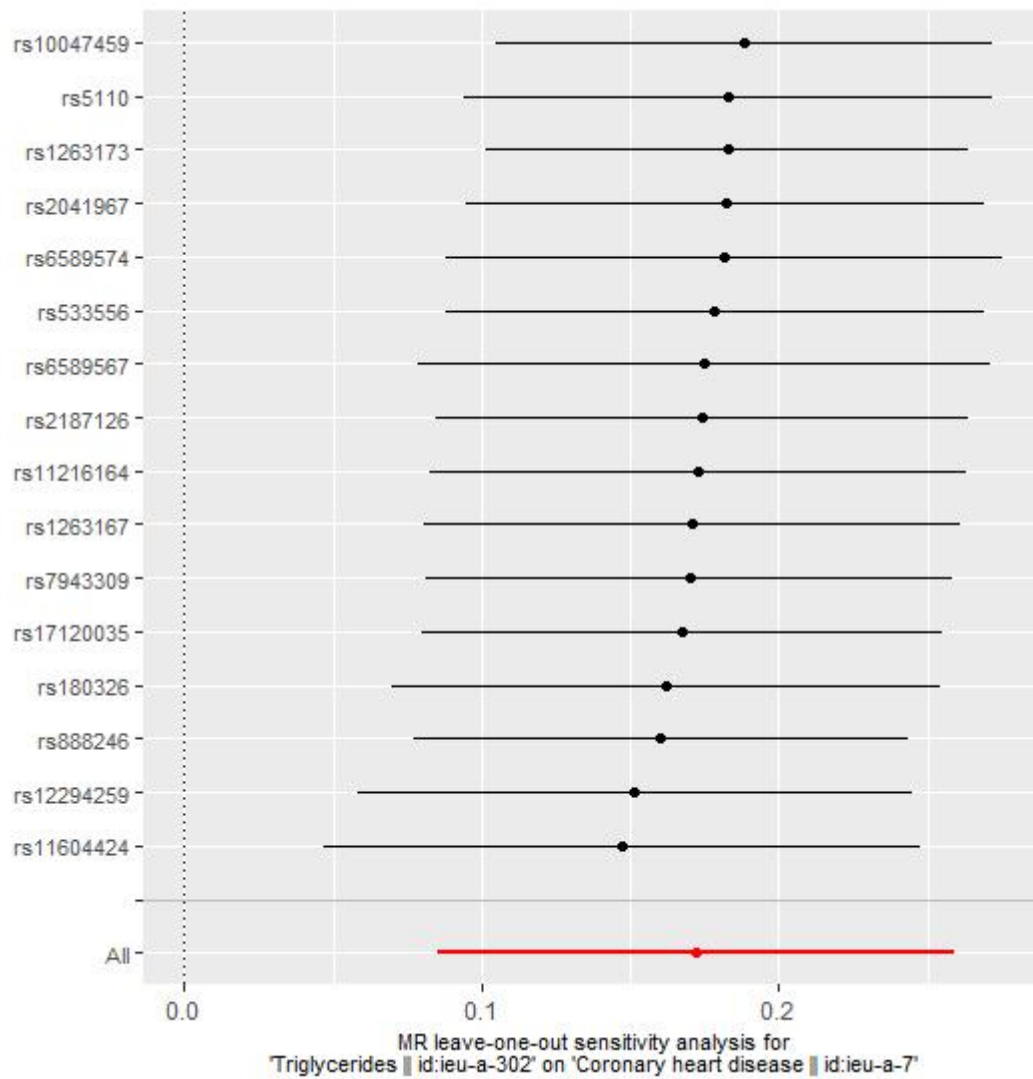
Supplemental Figure 27. Funnel plot of between LPL and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

APOC3 & CHD scatter plot



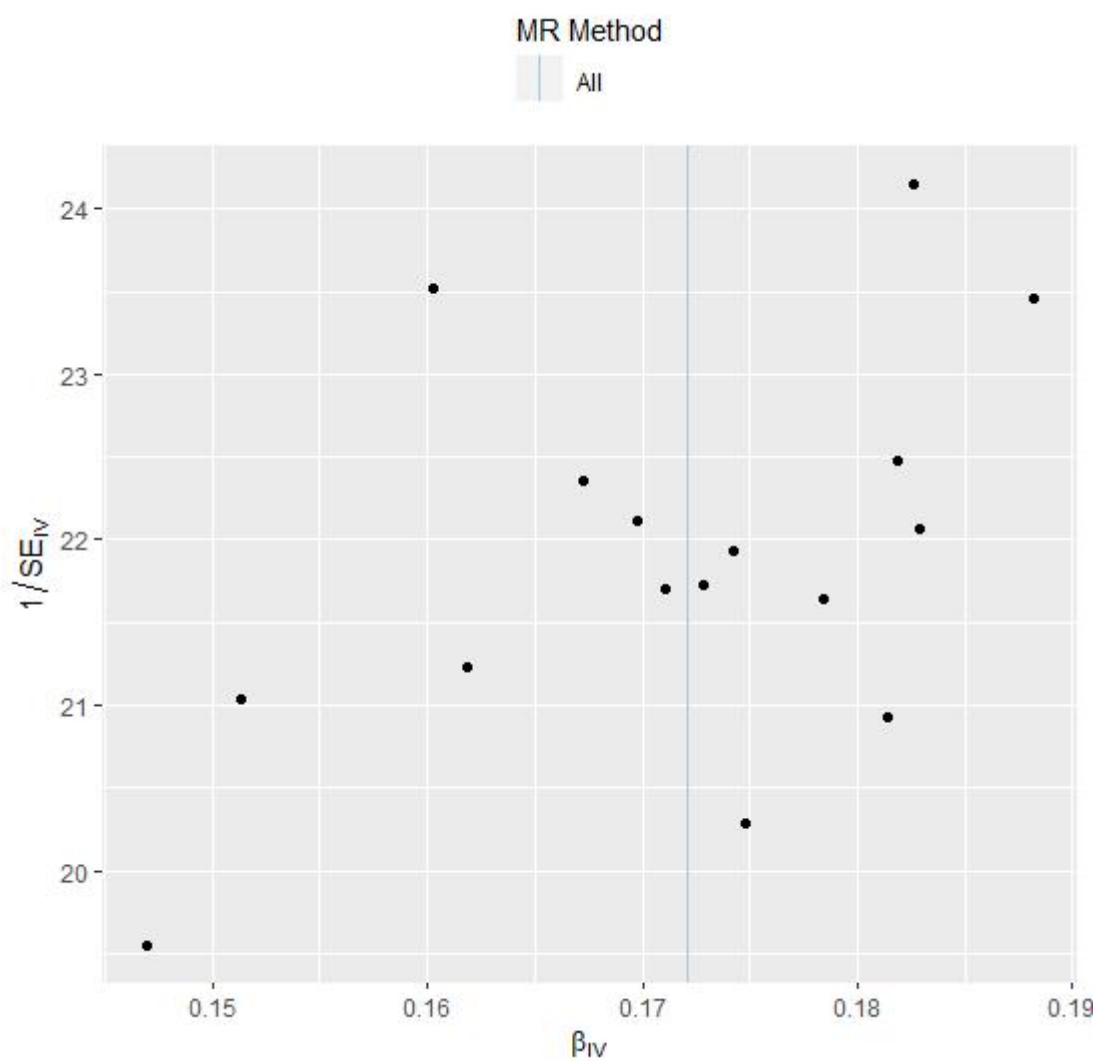
Supplemental Figure 28. Scatter plot of between APOC3 and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

APOC3 & CHD leave-one-out analysis



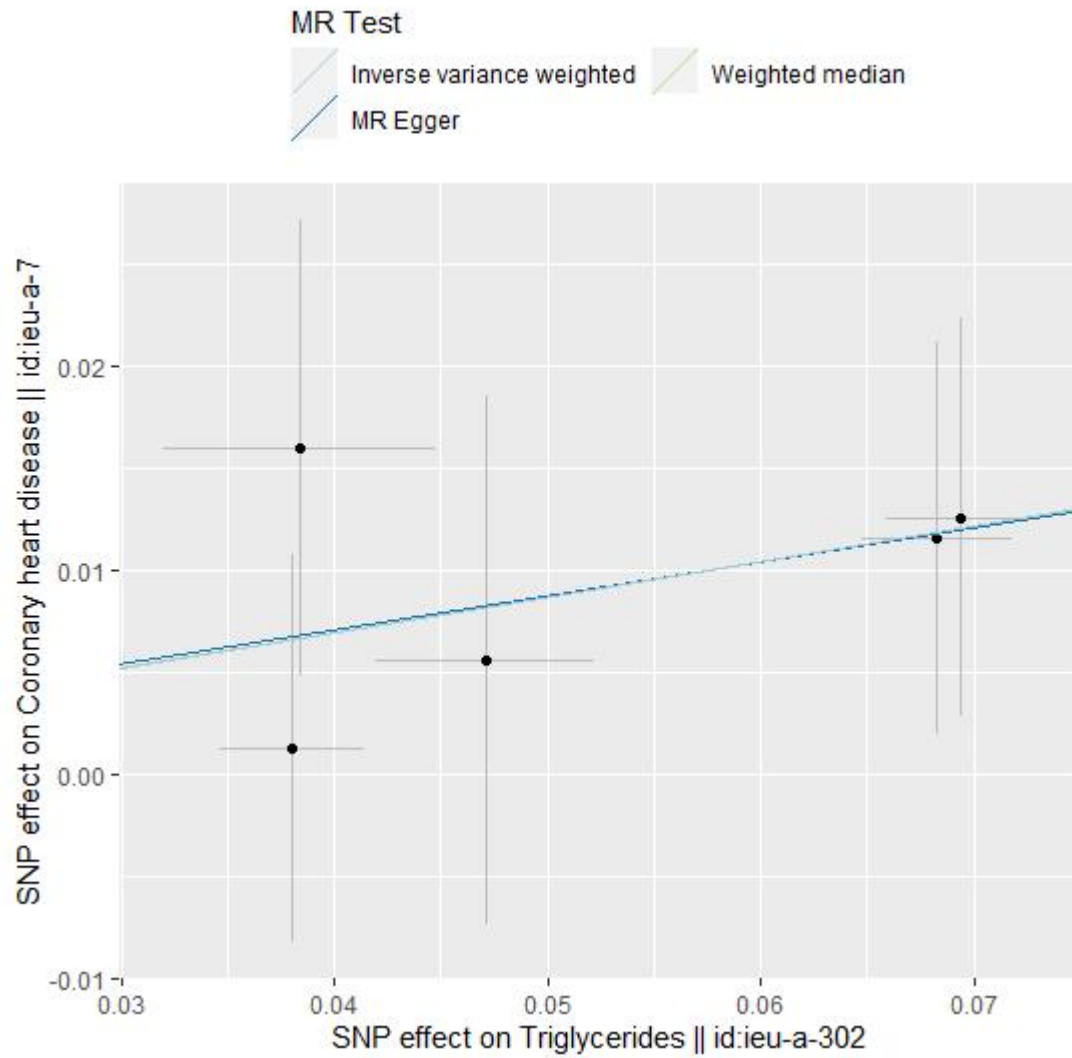
Supplemental Figure 29. APOC3 and Coronary Heart Disease DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

APOC3 & CHD funnel plot



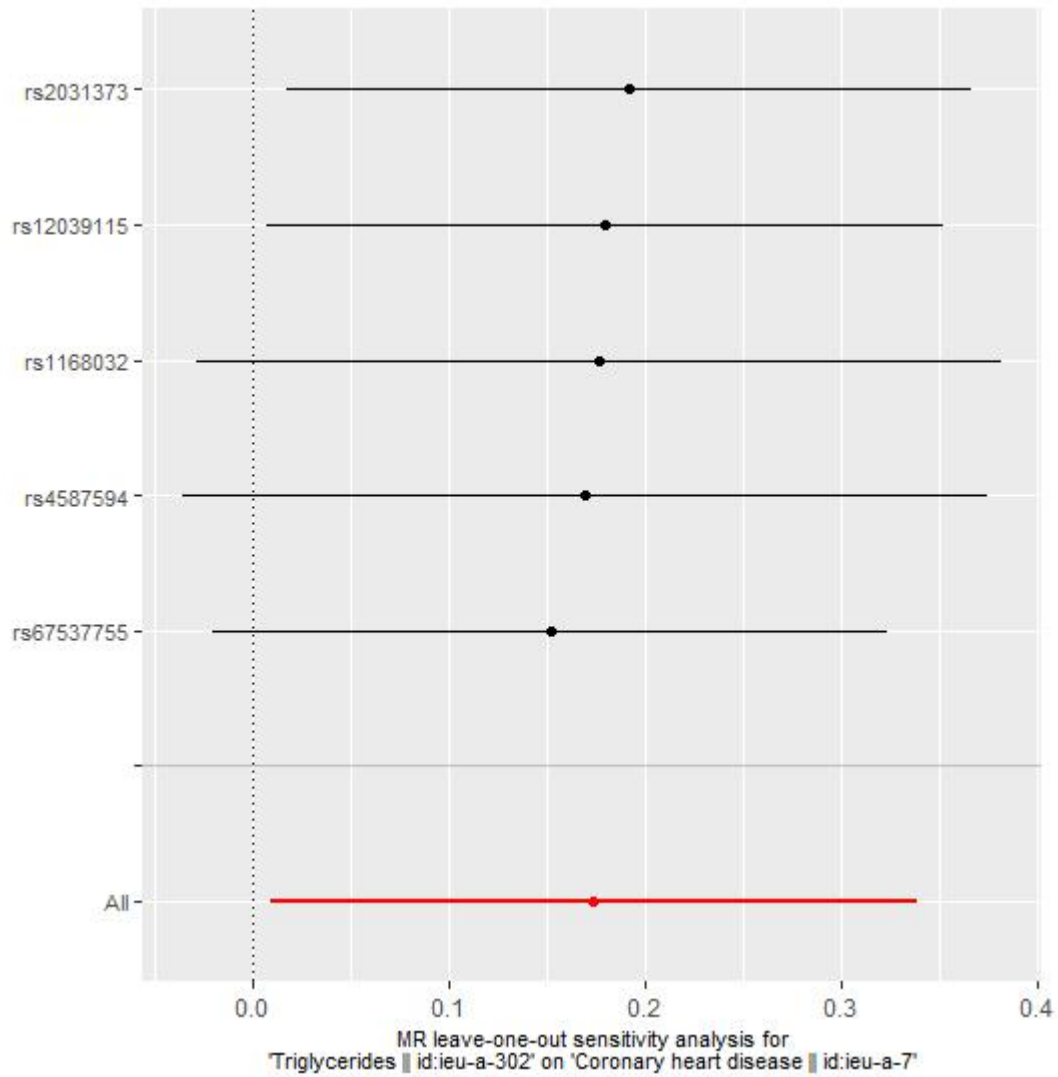
Supplemental Figure 30. Funnel plot of between APOC3 and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

ANGPTL3 & CHD scatter plot



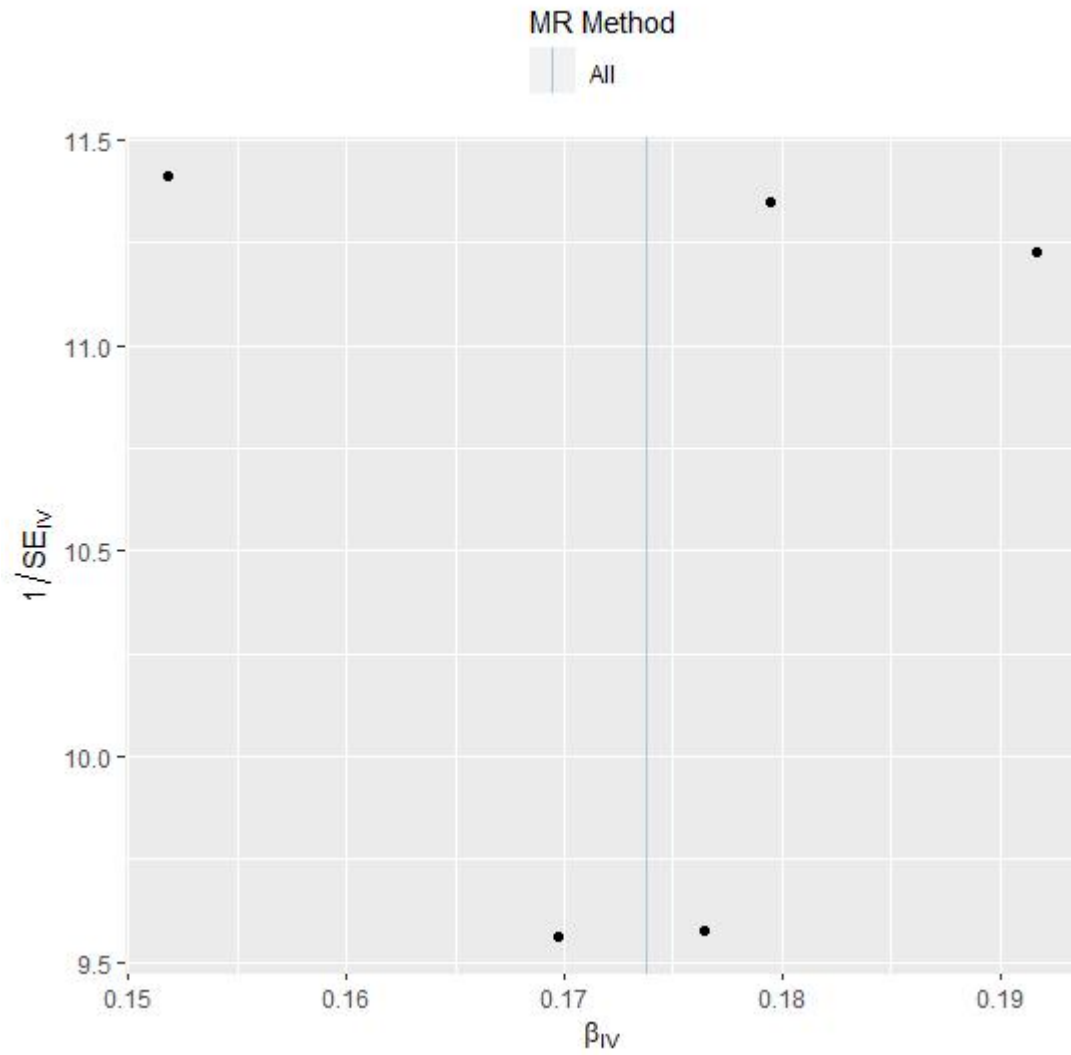
Supplemental Figure 31. Scatter plot of between ANGPTL3 and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

ANGPTL3 & CHD leave-one-out analysis



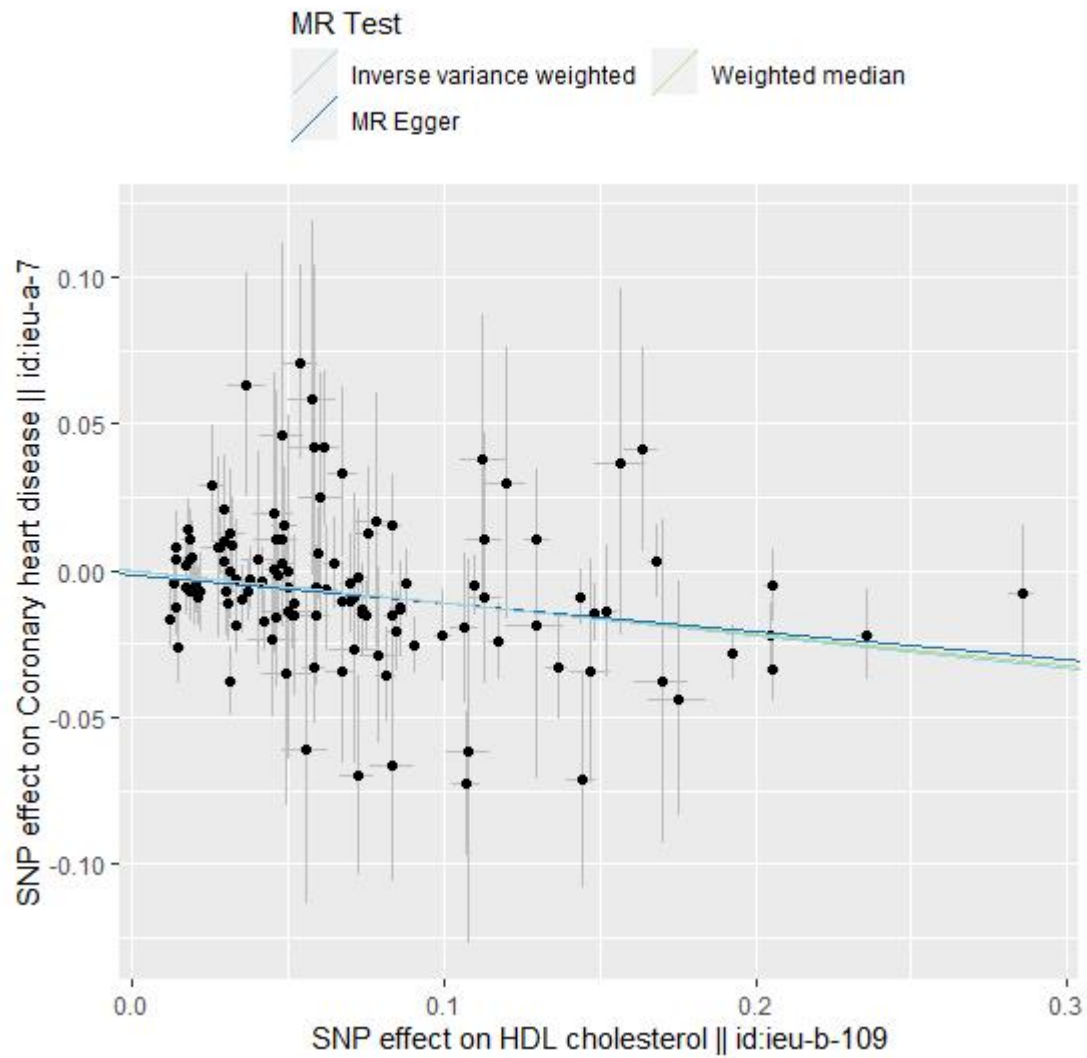
Supplemental Figure 32. ANGPTL3 and Coronary Heart Disease DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

ANGPTL3 & CHD funnel plot



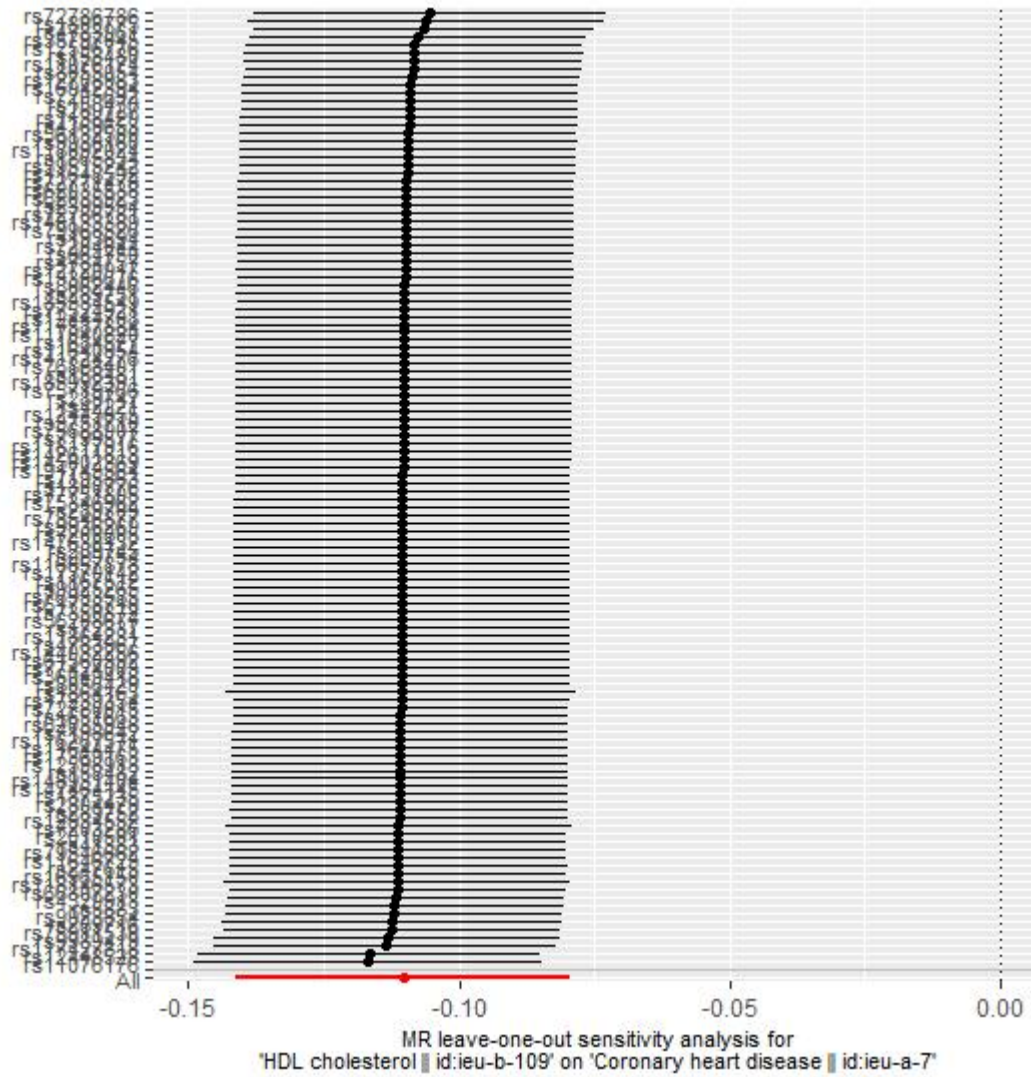
Supplemental Figure 33. Funnel plot of between ANGPTL3 and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

CETP & CHD scatter plot



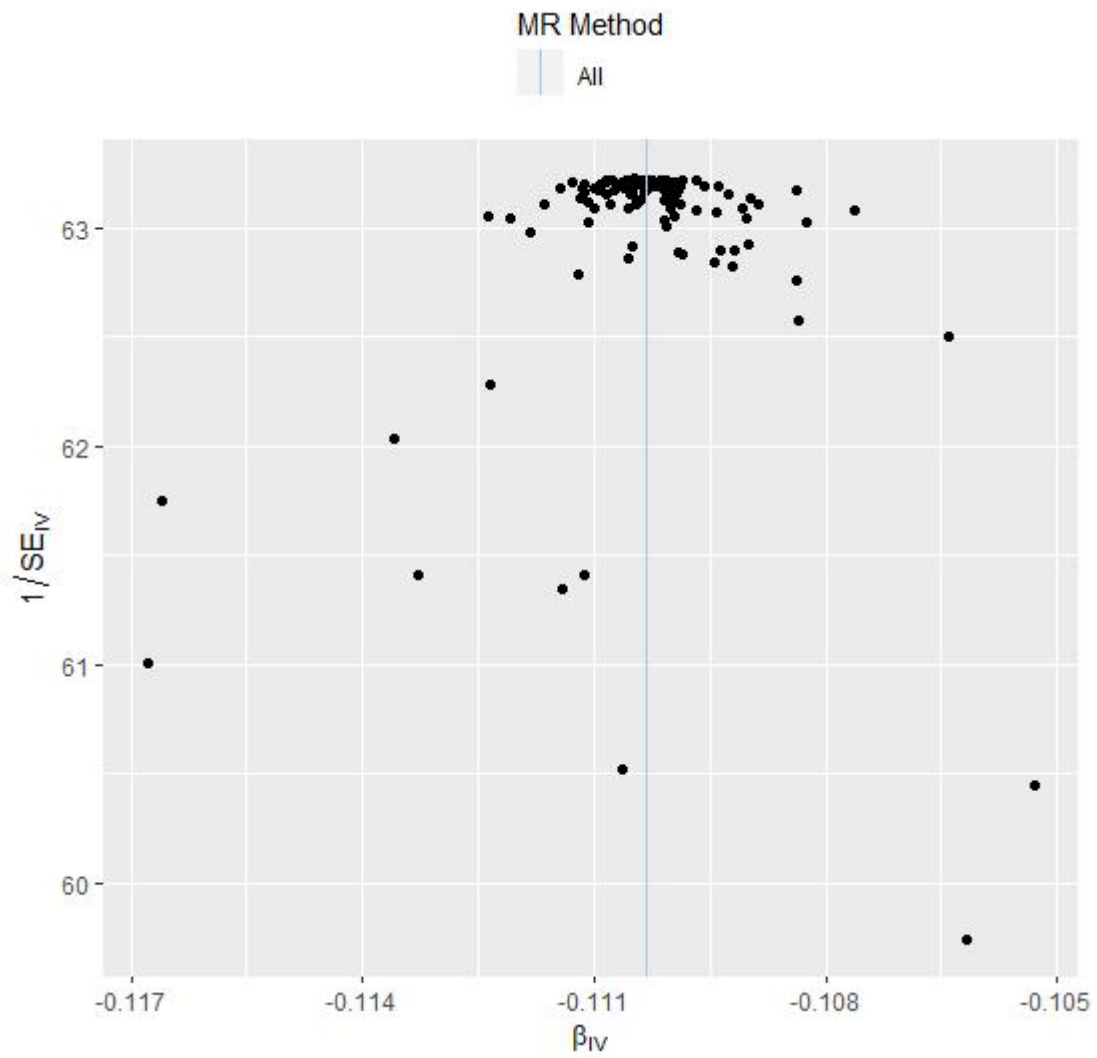
Supplemental Figure 34. Scatter plot of between CETP and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

CETP & CHD leave-one-out analysis



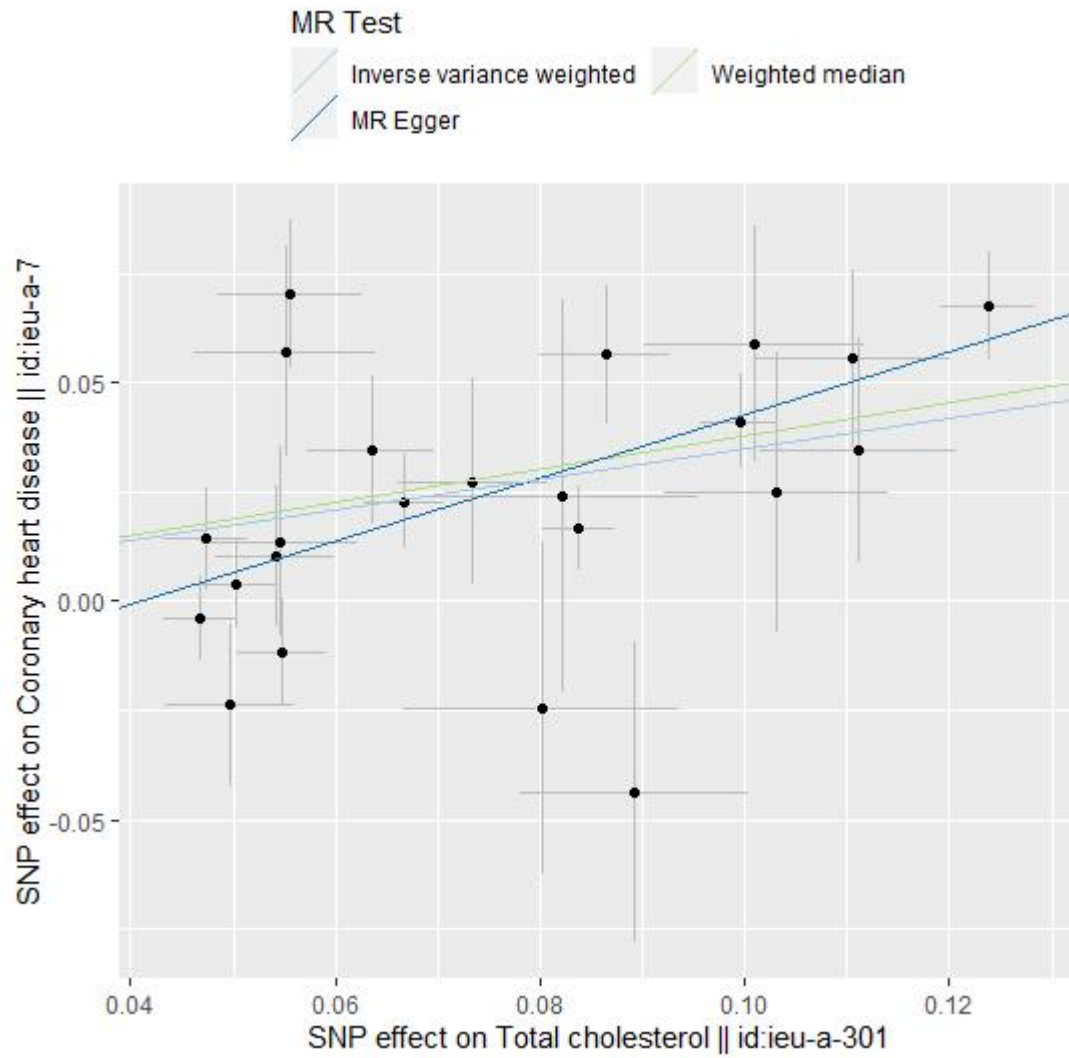
Supplemental Figure 35. CETP and Coronary Heart Disease DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

CETP & CHD funnel plot



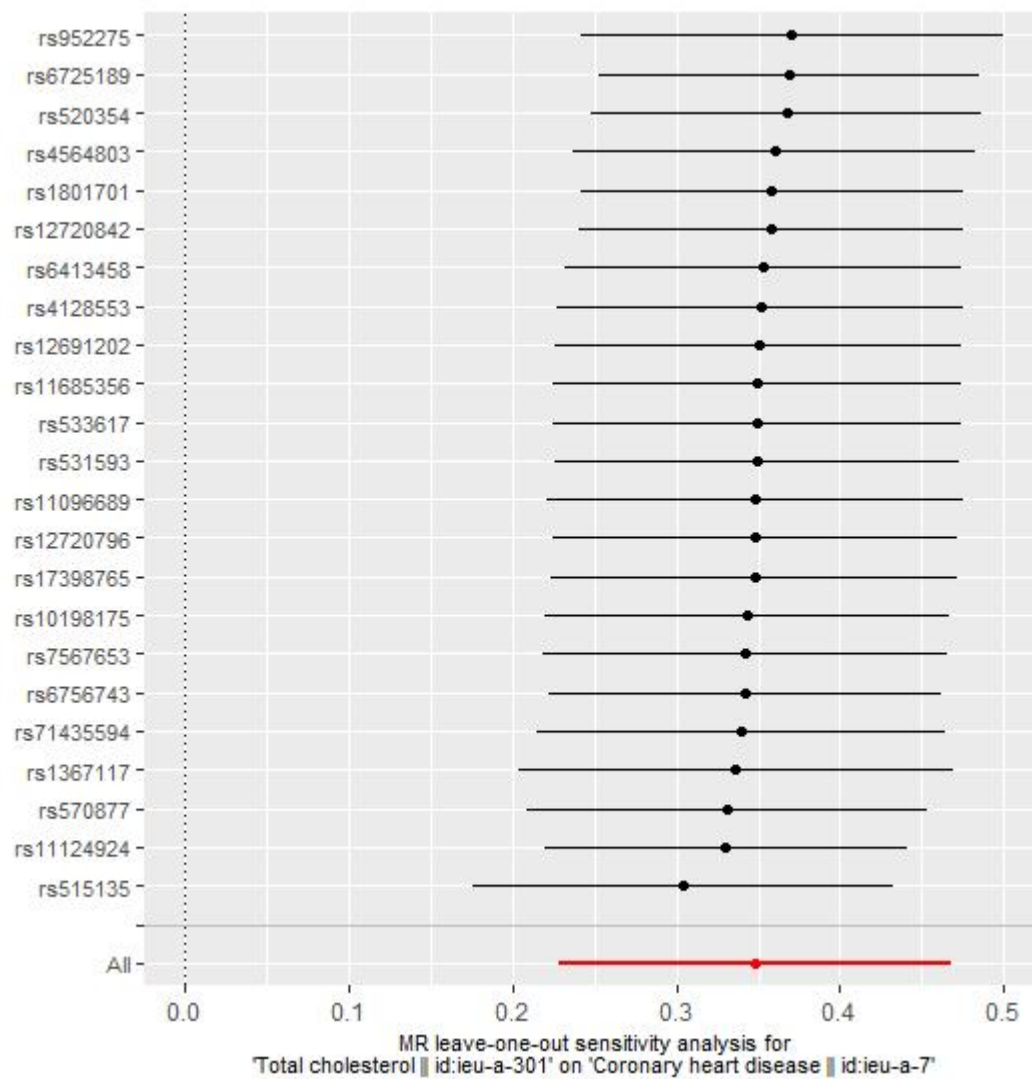
Supplemental Figure 36. Funnel plot of between CETP and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

APOB & CHD scatter plot



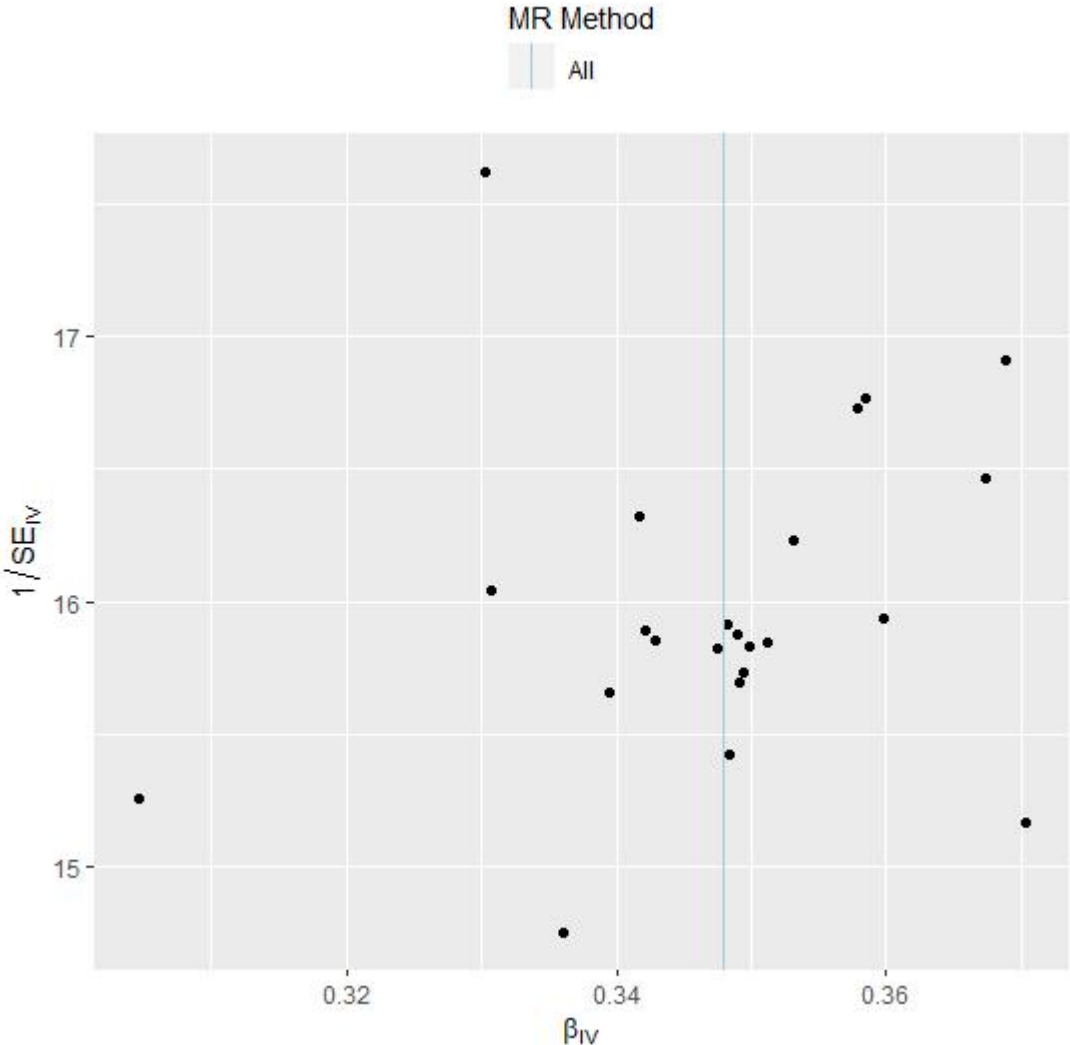
Supplemental Figure 37. Scatter plot of between APOB and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

APOB & CHD leave-one-out analysis



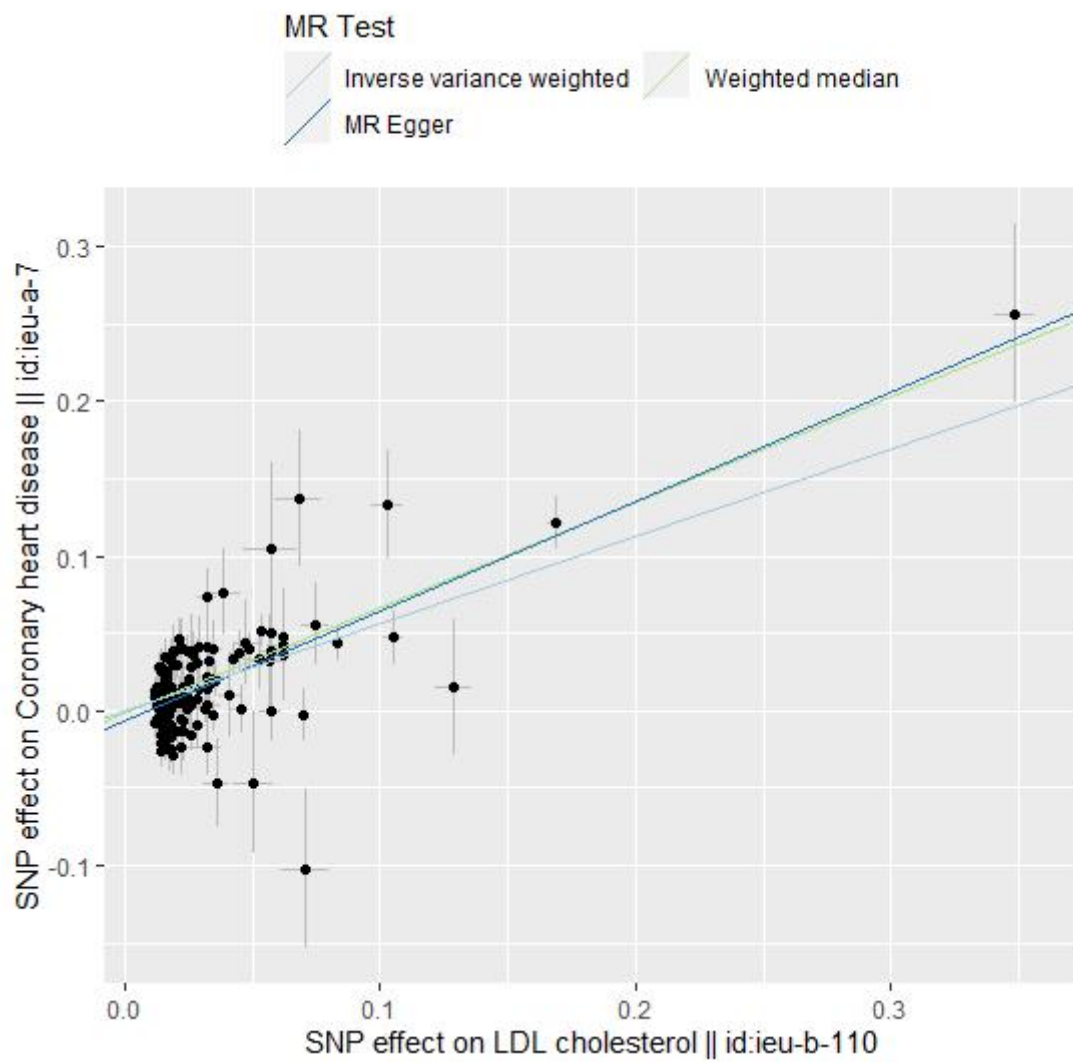
Supplemental Figure 38. CETP and Coronary Heart Disease DMR leave-one-out analysis. DMR, drug target Mendelian randomization.

APOB & CHD funnel plot



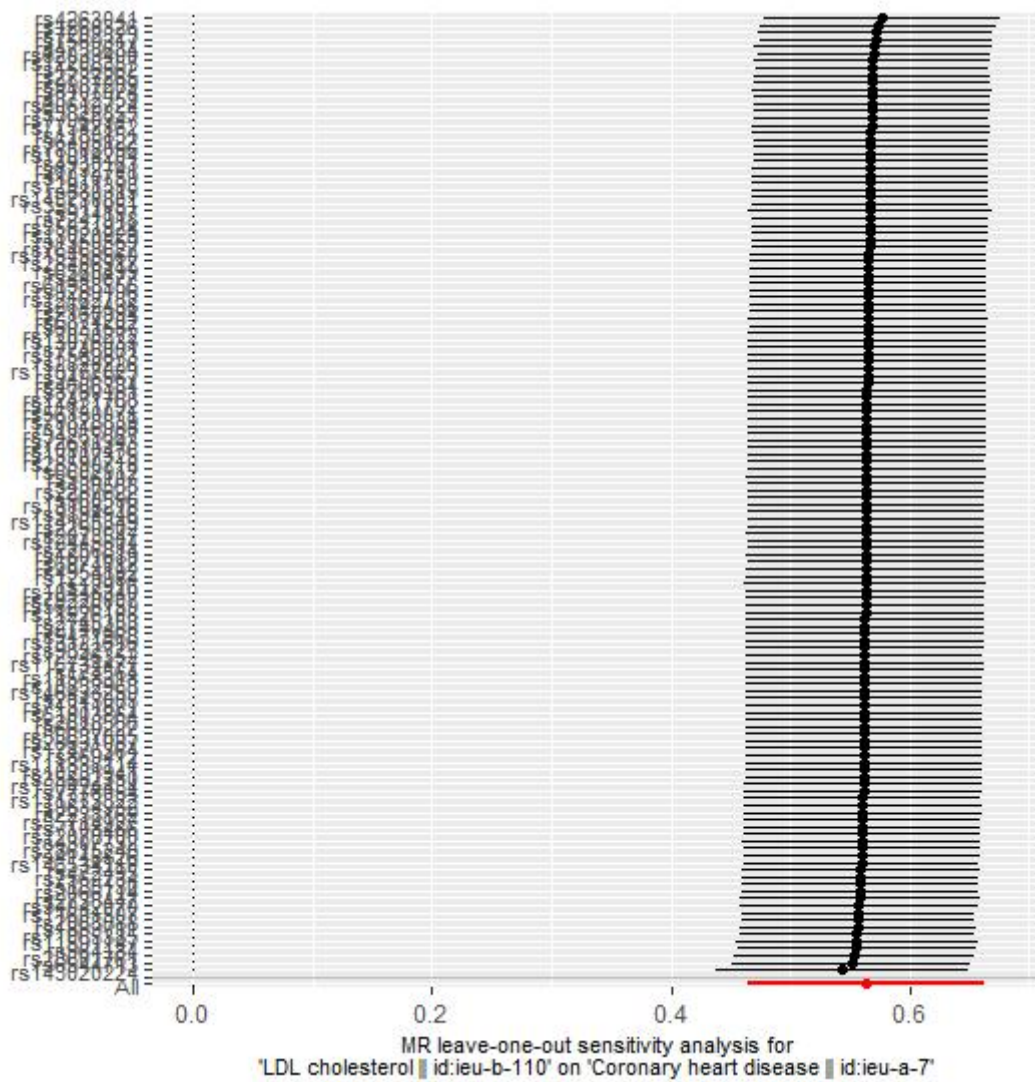
Supplemental Figure 39. Funnel plot of between APOB and Coronary Heart Disease DMR. DMR, drug target Mendelian randomization.

LDL-c & CHD scatter plot



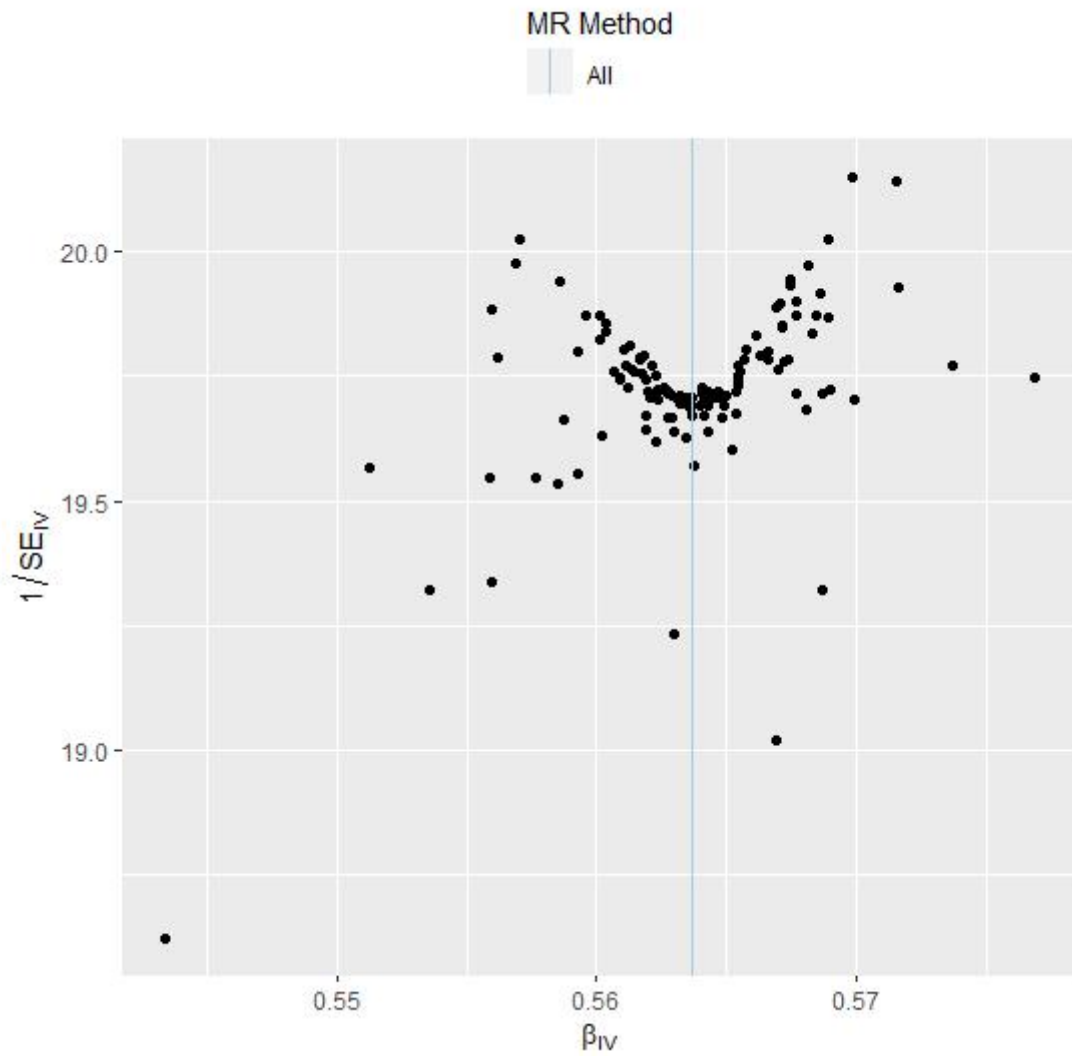
Supplemental Figure 40. Scatter plot of between serum LDL-c and Coronary Heart Disease TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.

LDL-c & CHD leave-one-out analysis



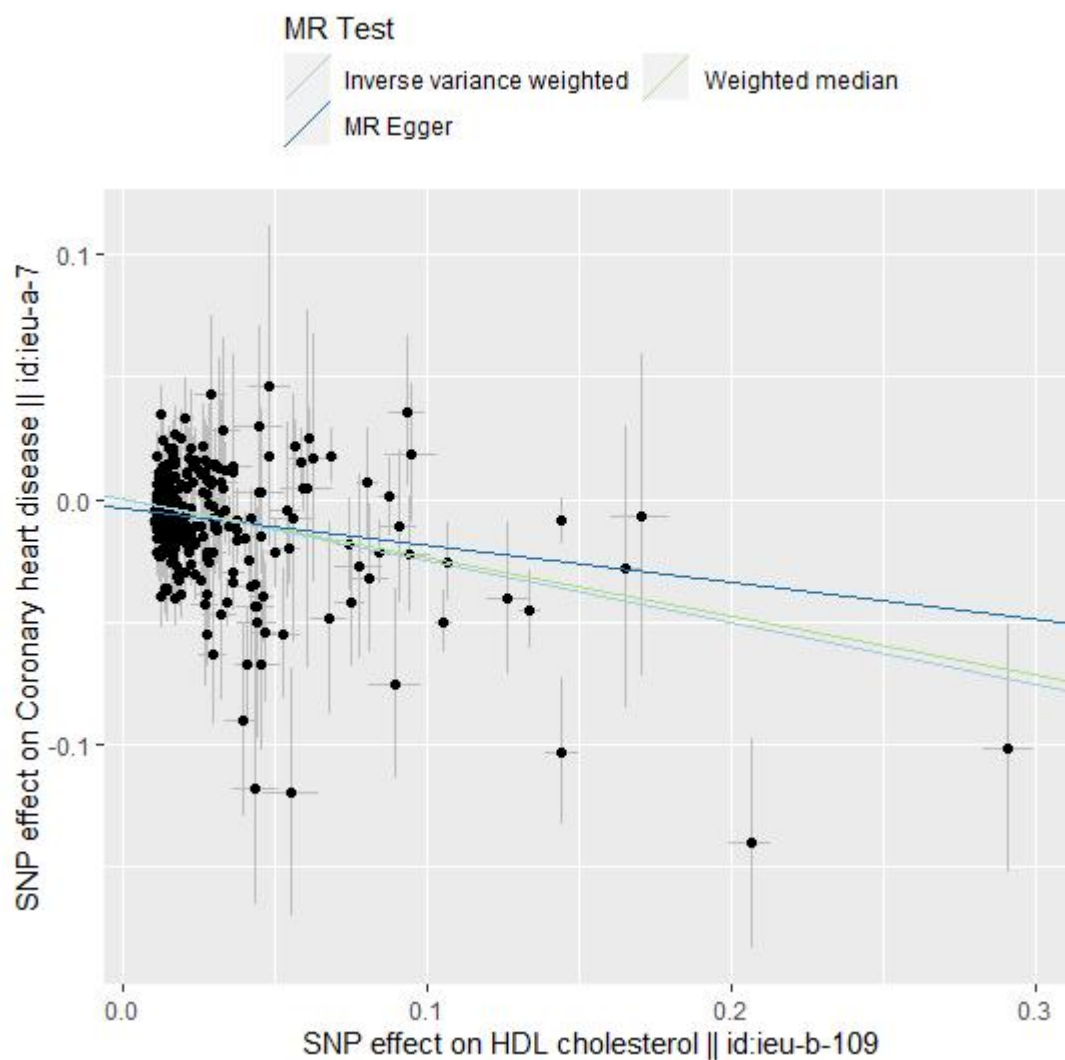
Supplemental Figure 41. Serum LDL-c and Coronary Heart Disease TSMR leave-one-out analysis. LDL-c, lowdensity lipoprotein cholesterol; TSMR, two-sample Mendelian randomization

LDL-c & CHD funnel plot



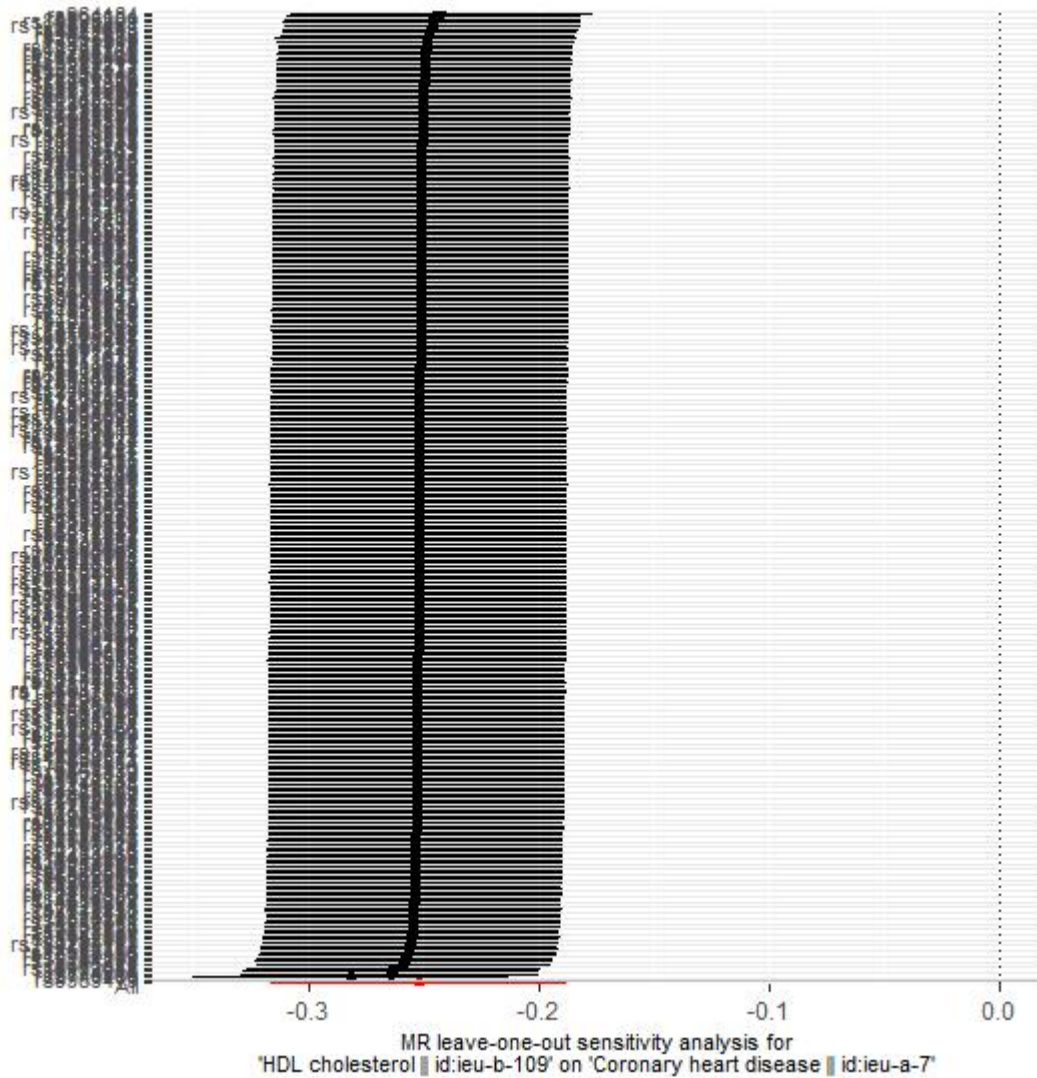
Supplemental Figure 42. Funnel plot of between serum LDL-c and Coronary Heart Disease TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.

HDL-c & CHD scatter plot



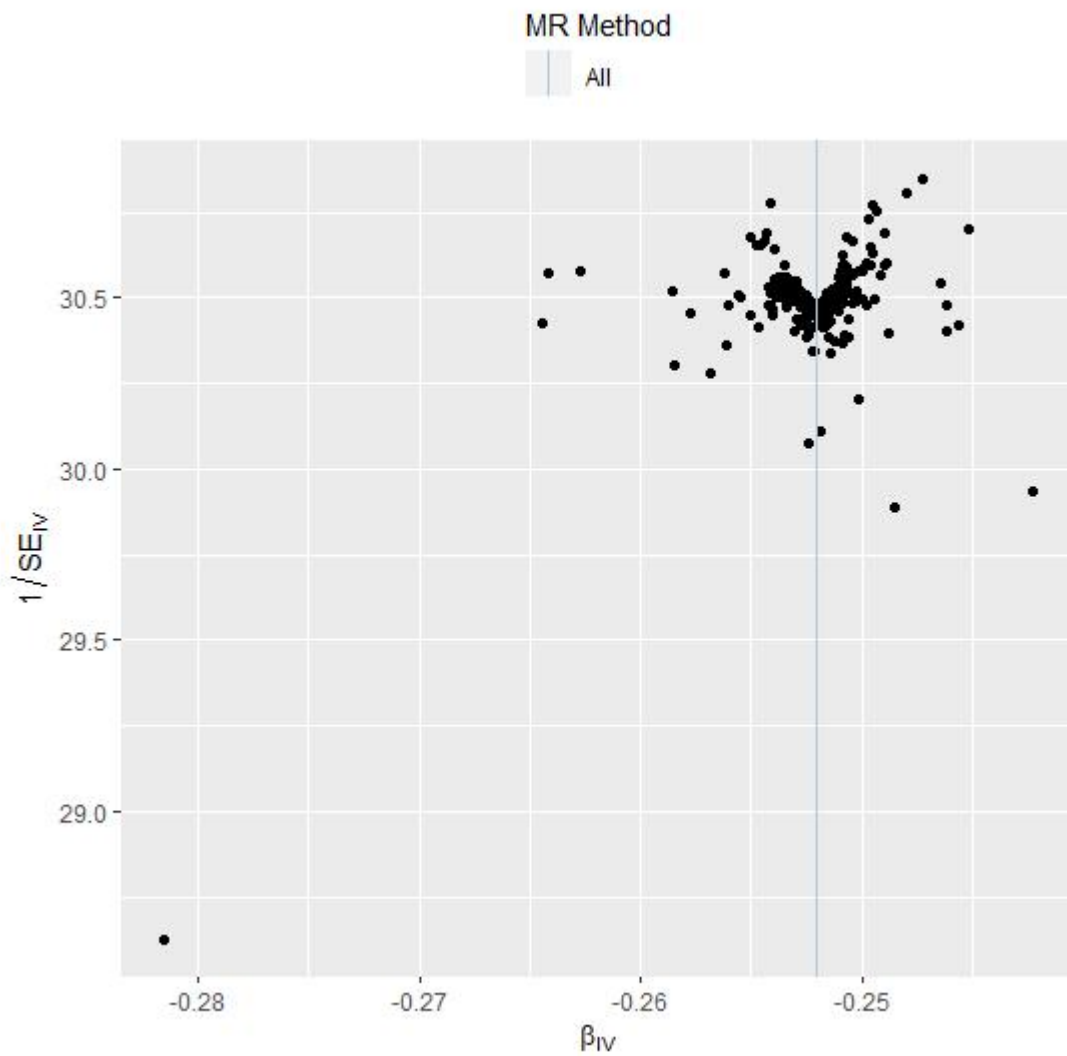
Supplemental Figure 43. Scatter plot of between serum HDL-c and Coronary Heart Disease TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.

HDL-c & CHD leave-one-out analysis



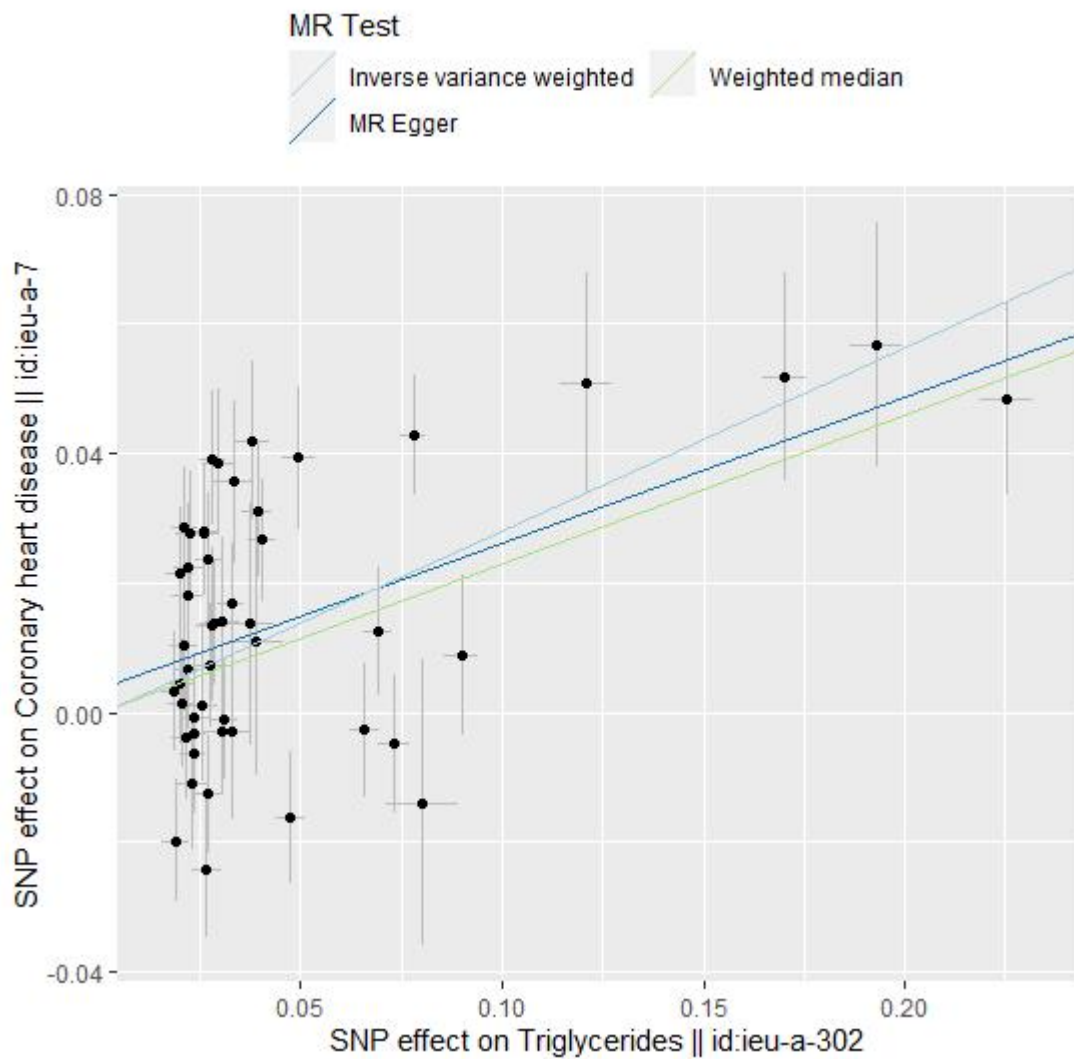
Supplemental Figure 44. Serum HDL-c and Coronary Heart Disease TSMR leave-one-out analysis. LDL-c, lowdensity lipoprotein cholesterol; TSMR, two-sample Mendelian randomization

HDL-c & CHD funnel plot



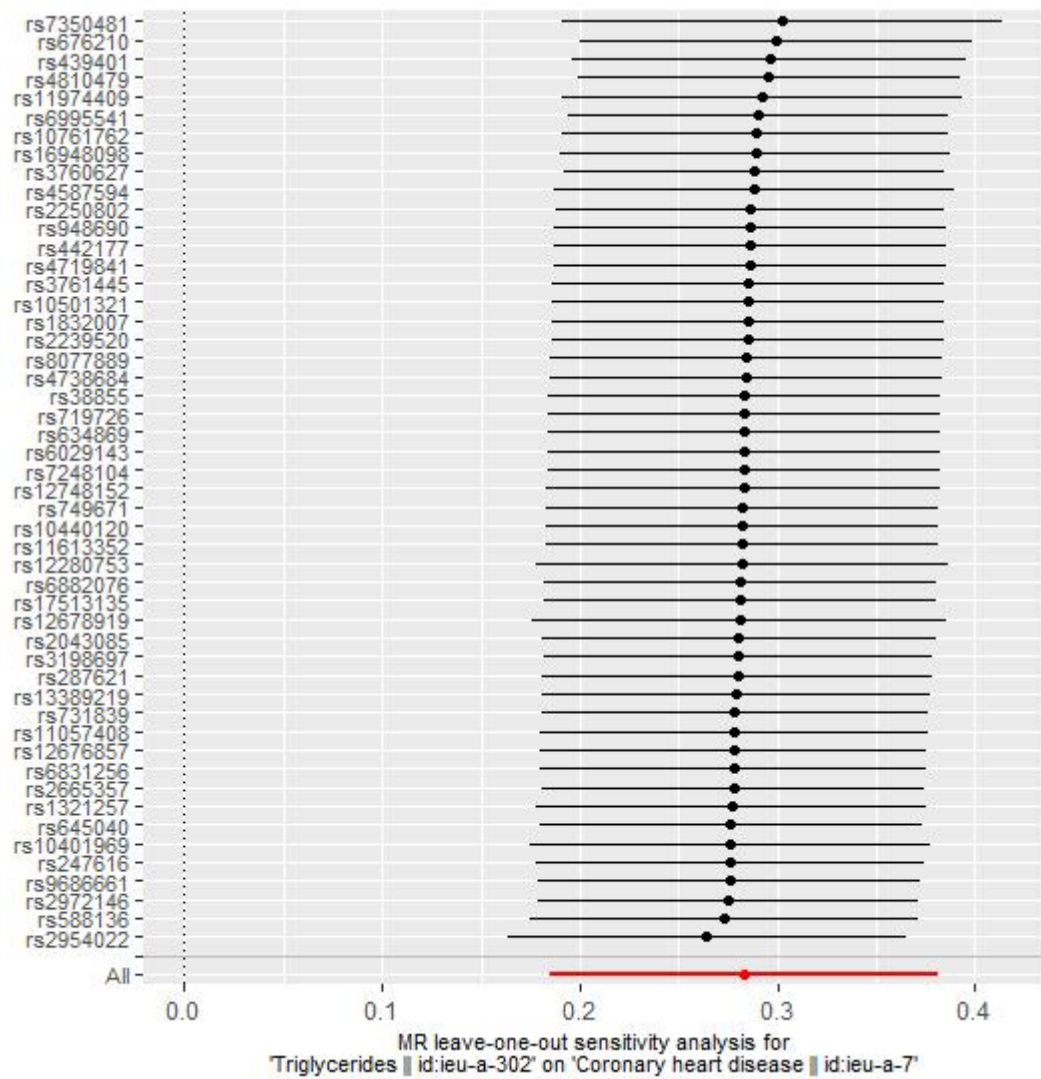
Supplemental Figure 45. Funnel plot of between serum HDL-c and Coronary Heart Disease TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.

TG & CHD scatter plot



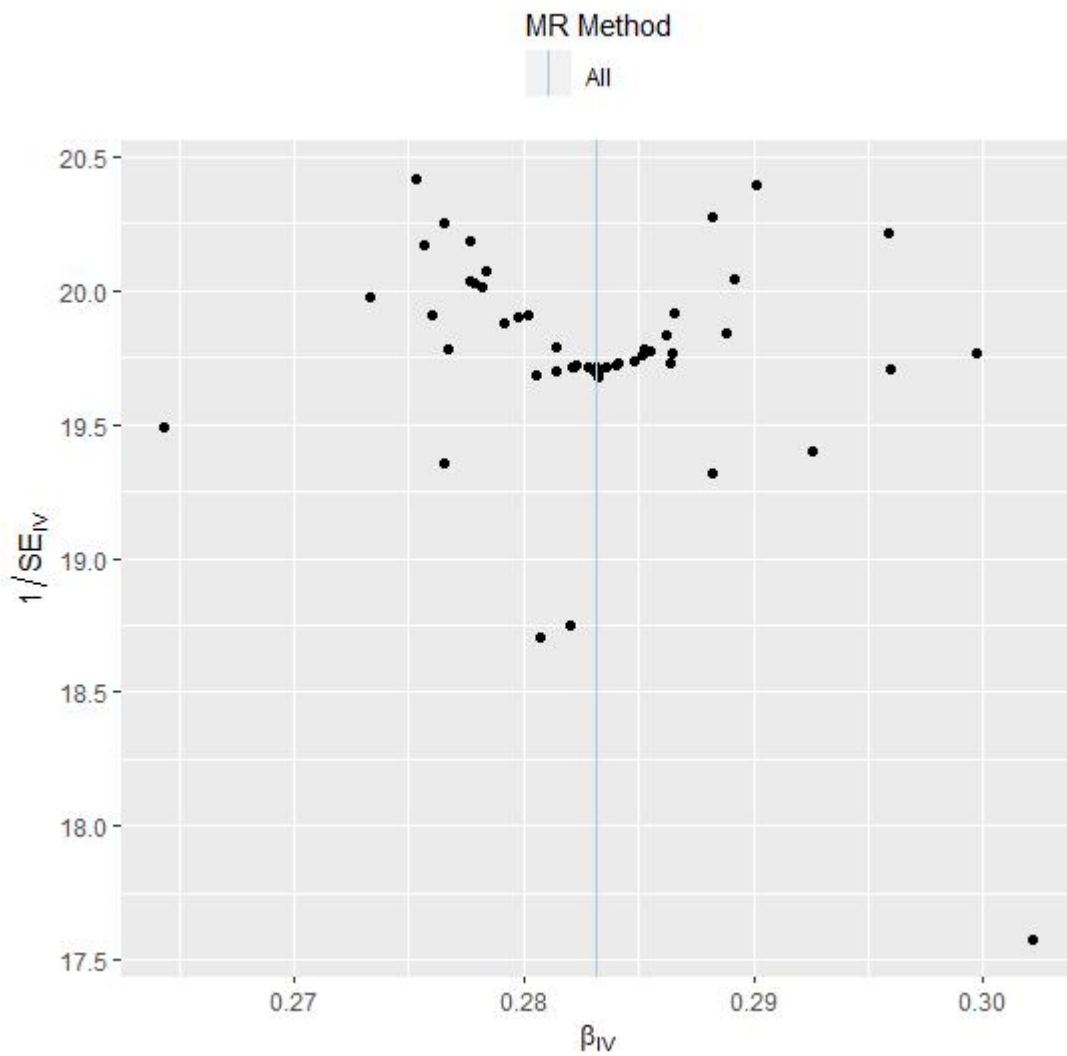
Supplemental Figure 46. Scatter plot of between serum TG and Coronary Heart Disease TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.

TG & CHD leave-one-out analysis



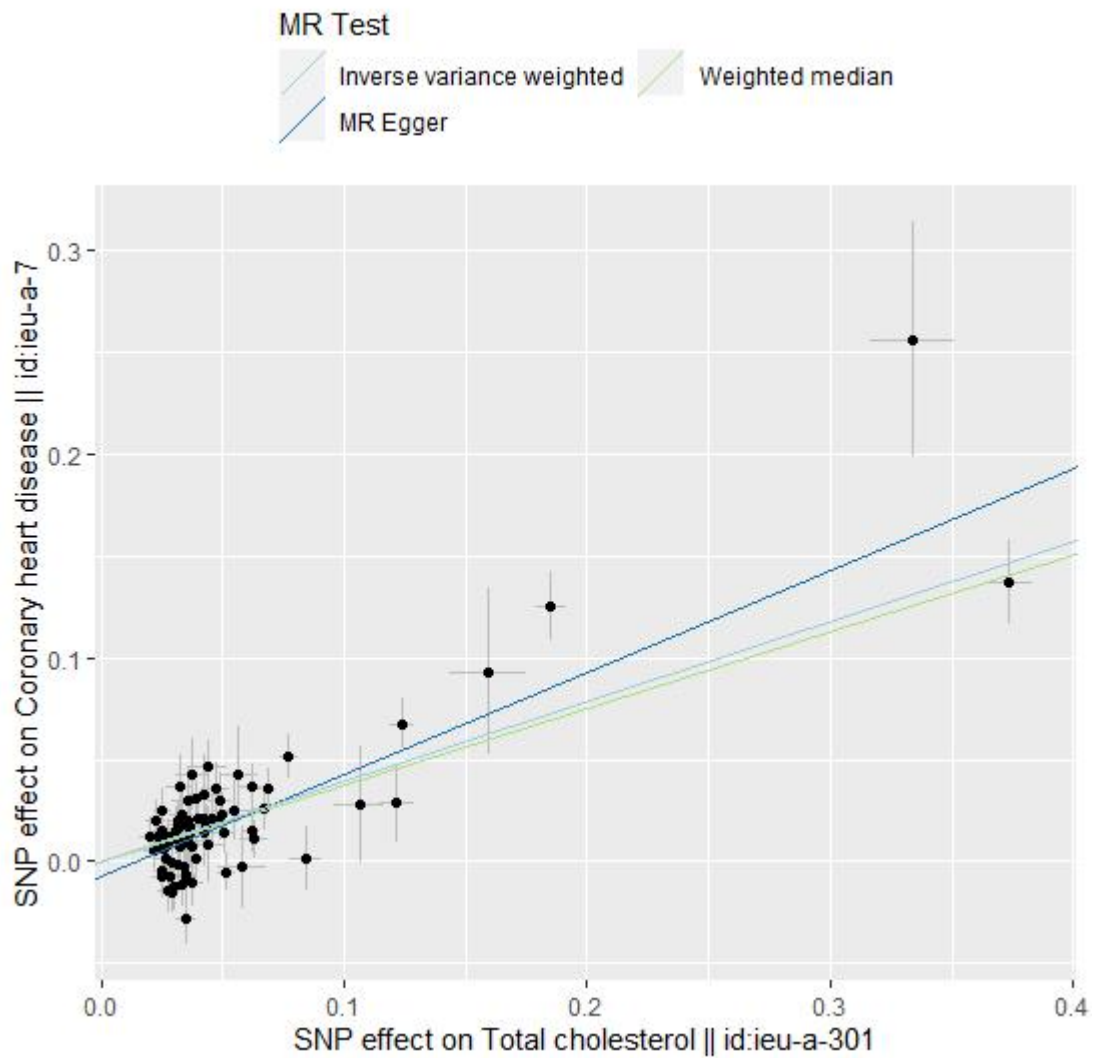
Supplemental Figure 47. Serum TG and Coronary Heart Disease TSMR leave-one-out analysis. LDL-c, lowdensity lipoprotein cholesterol; TSMR, two-sample Mendelian randomization

TG & CHD funnel plot



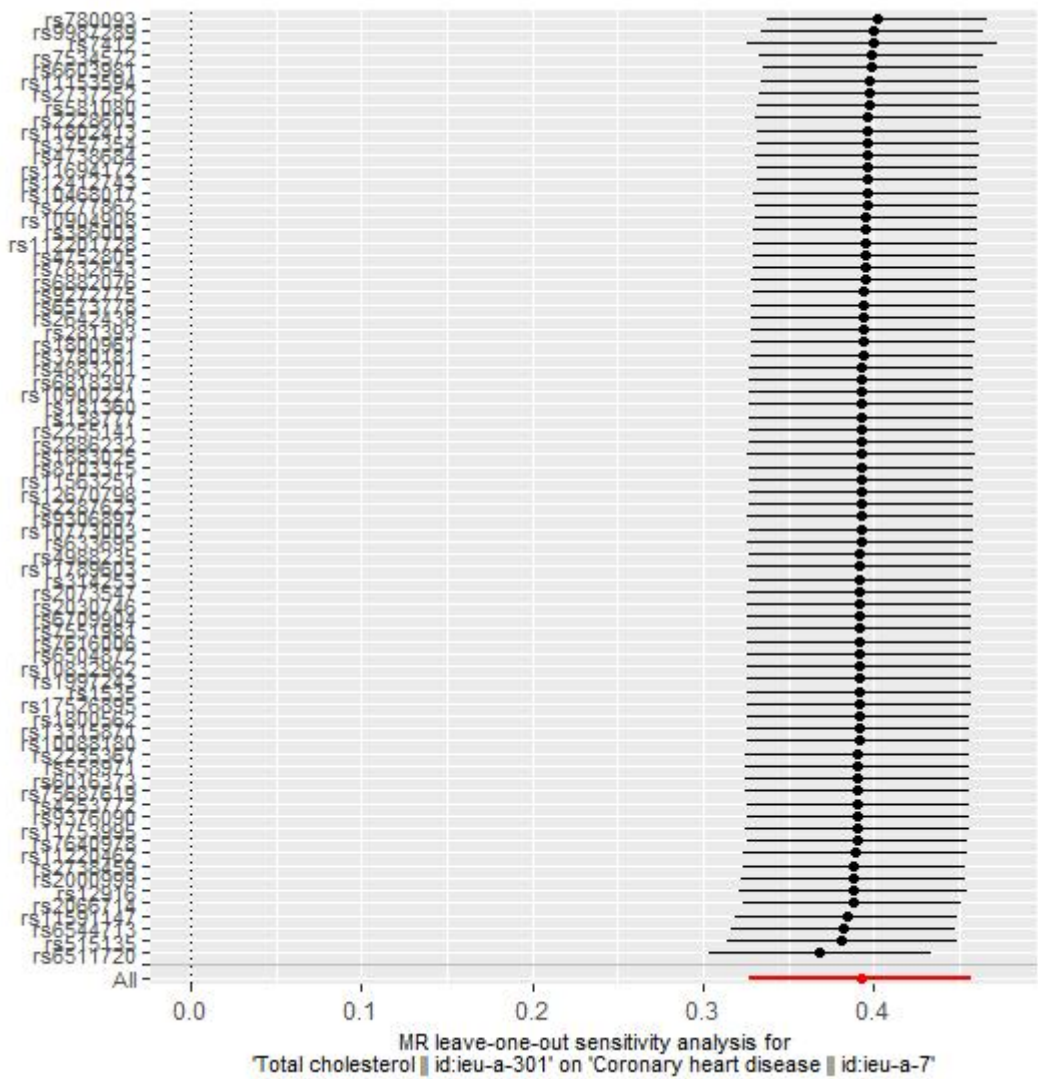
Supplemental Figure 48. Funnel plot of between serum TG and Coronary Heart Disease TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.

TC & CHD scatter plot



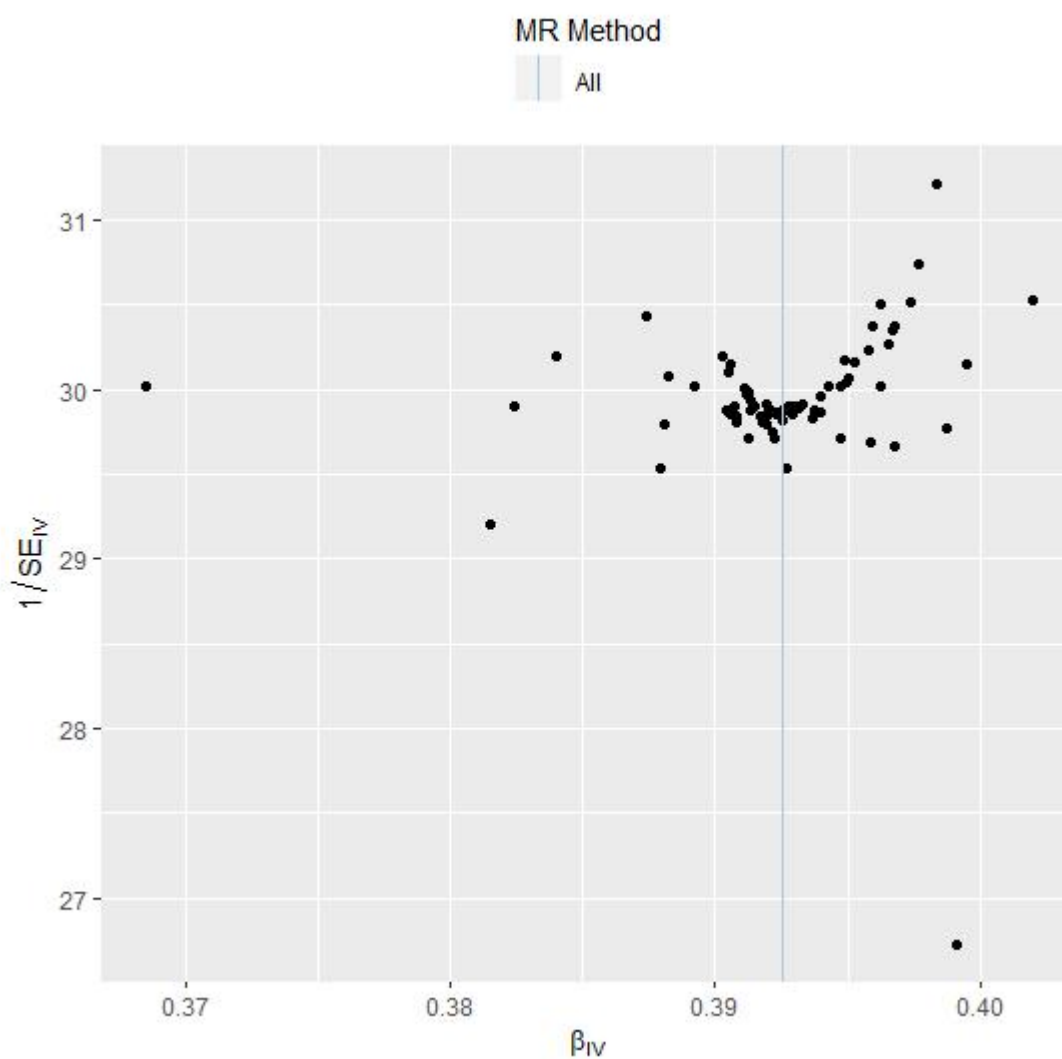
Supplemental Figure 49. Scatter plot of between serum TC and Coronary Heart Disease TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.

TC & CHD leave-one-out analysis



Supplemental Figure 50. Serum TC and Coronary Heart Disease TSMR leave-one-out analysis. LDL-c, lowdensity lipoprotein cholesterol; TSMR, two-sample Mendelian randomization

TC & CHD funnel plot



Supplemental Figure 51. Funnel plot of between serum TC and Coronary Heart Disease TSMR analysis. LDL-c, low-density lipoprotein cholesterol; TSMR, two-sample Mendelian randomization.