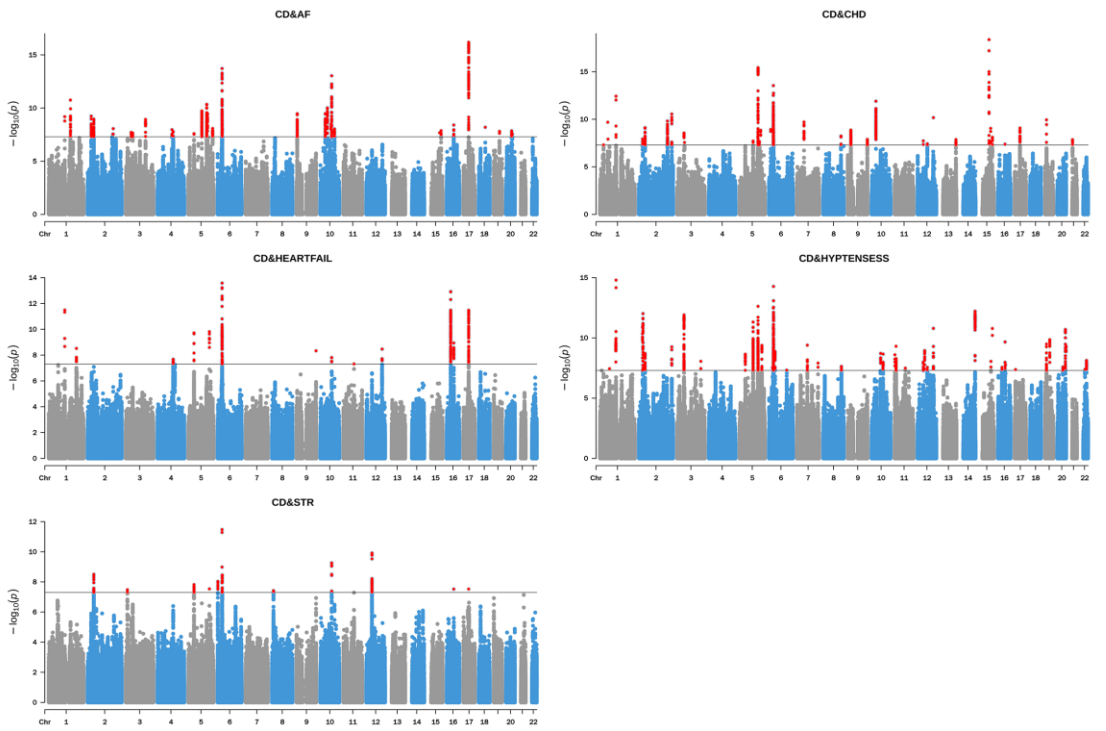


Figure S1. Manhattan plot of pleiotropic signals between CD and cardiovascular diseases

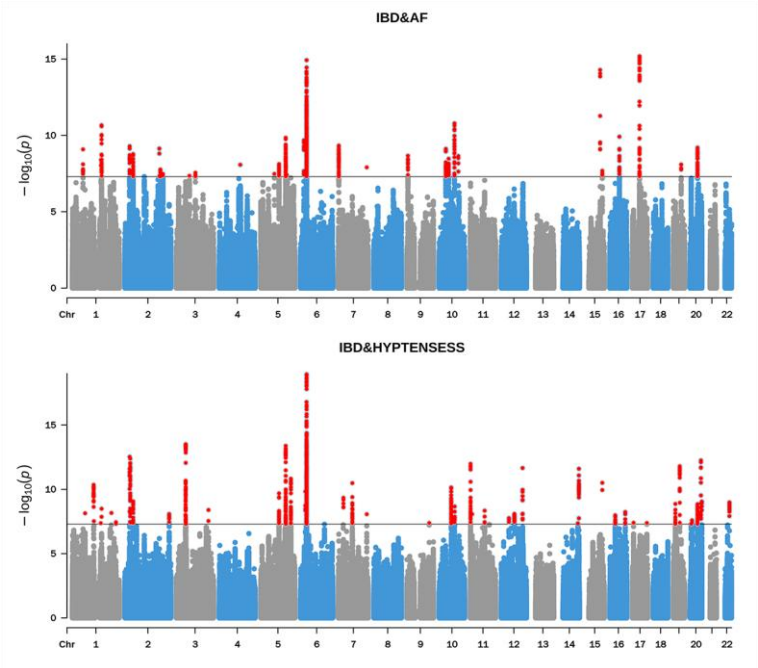


Figure S2. Manhattan plot of pleiotropic signals between IBD and cardiovascular diseases

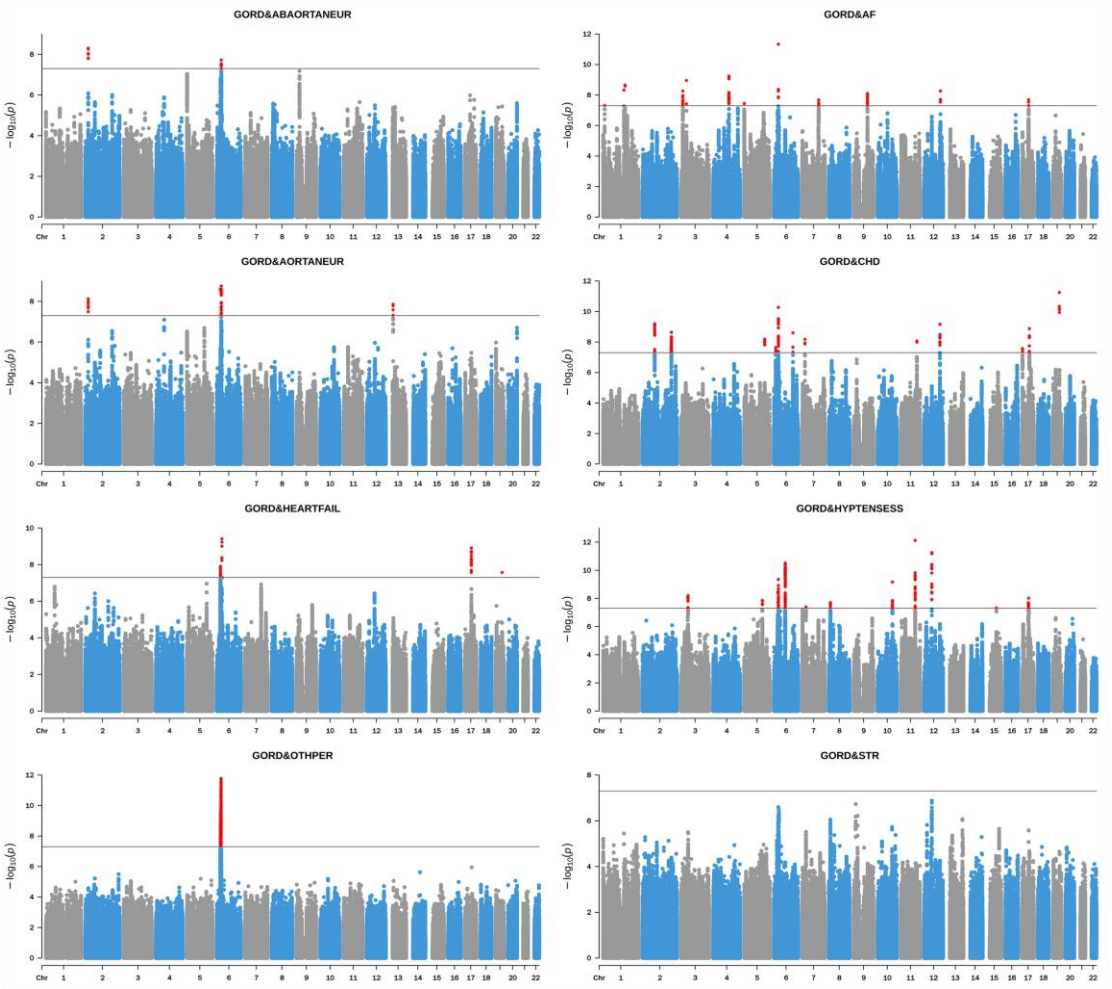


Figure S3. Manhattan plot of pleiotropic signals between GORD and cardiovascular diseases

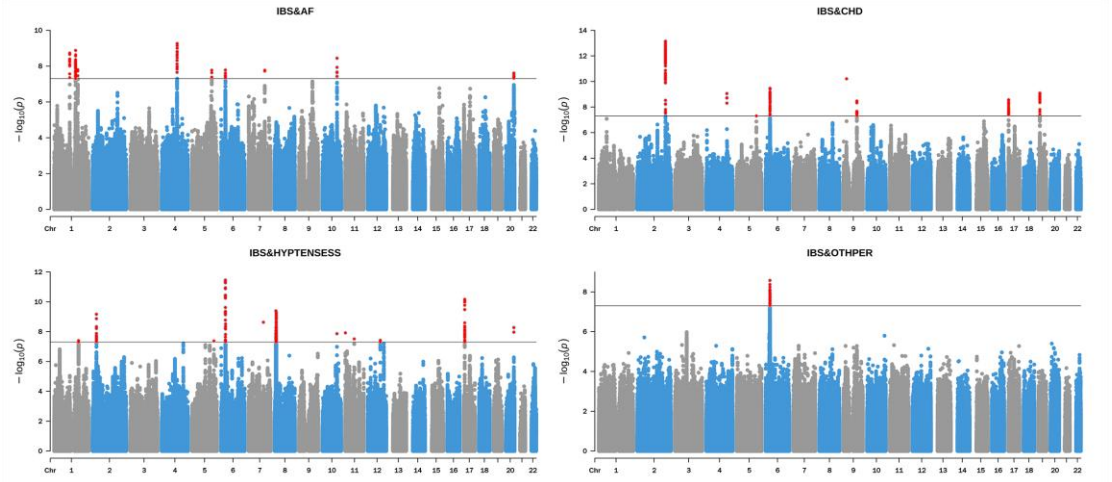


Figure S4. Manhattan plot of pleiotropic signals between IBS and cardiovascular diseases

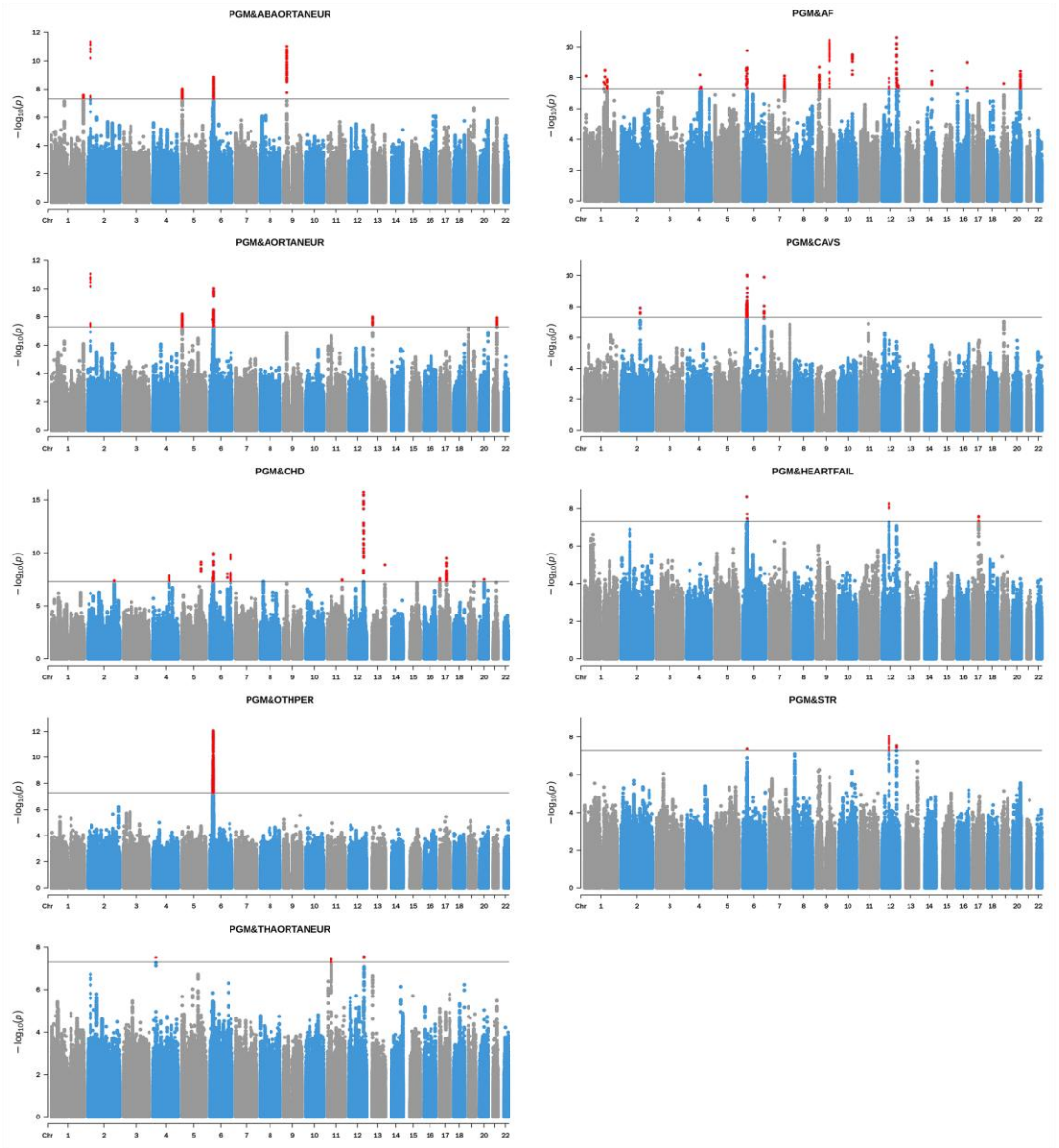


Figure S5. Manhattan plot of pleiotropic signals between PGM and cardiovascular diseases

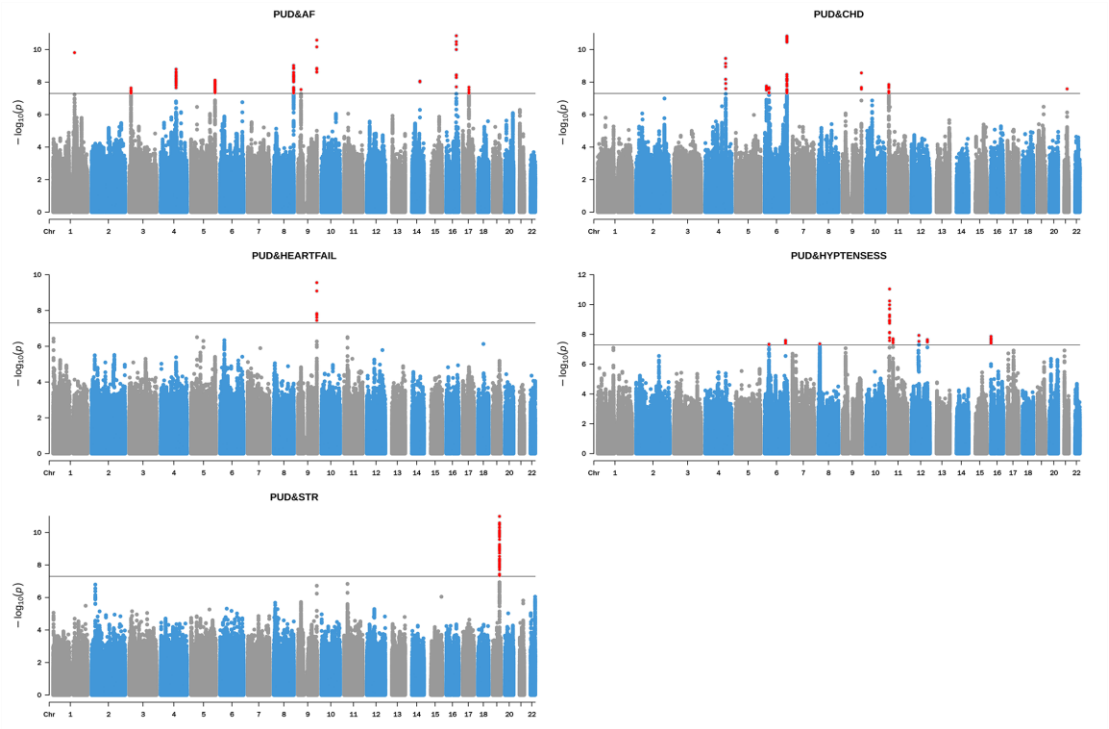


Figure S6. Manhattan plot of pleiotropic signals between PUD and cardiovascular diseases

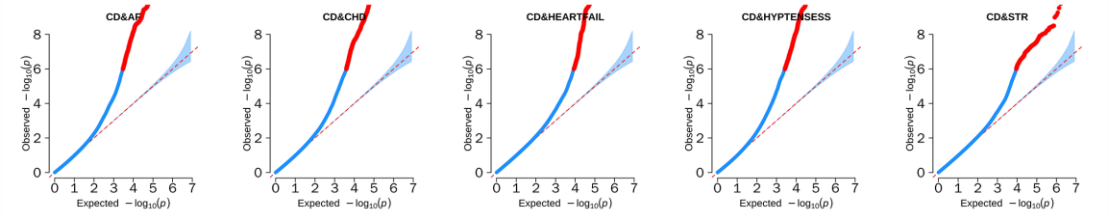


Figure S7. Quantile-Quantile plot of pleiotropic signals between CD and cardiovascular diseases

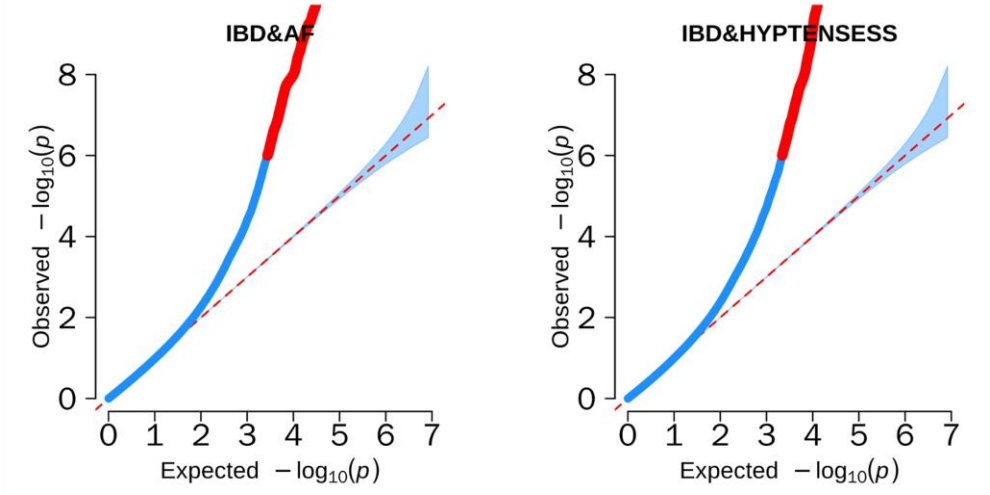


Figure S8. Quantile-Quantile plot of pleiotropic signals between IBD and

cardiovascular diseases

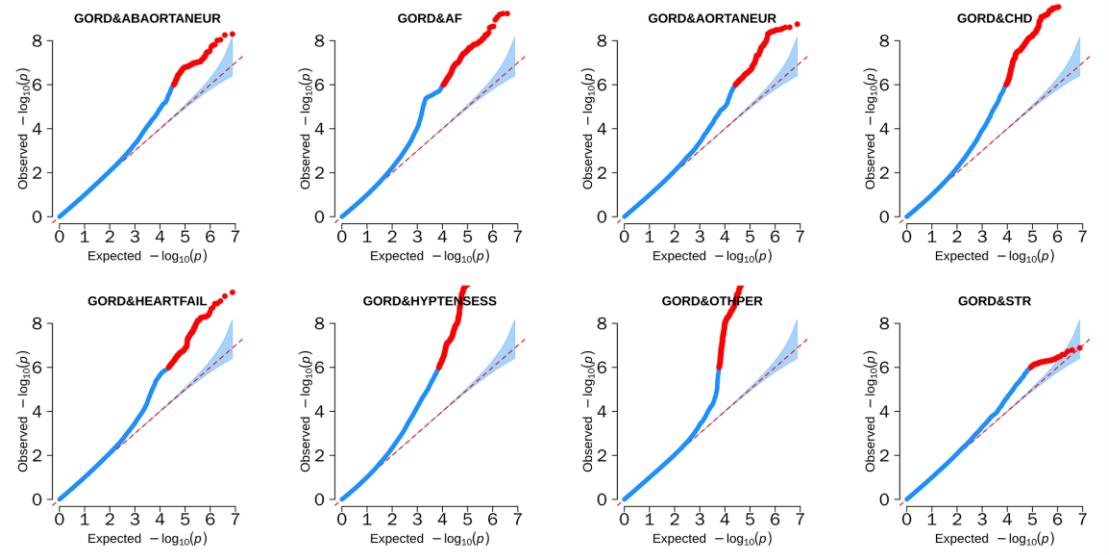


Figure S9. Quantile-Quantile plot of pleiotropic signals between GORD and cardiovascular diseases

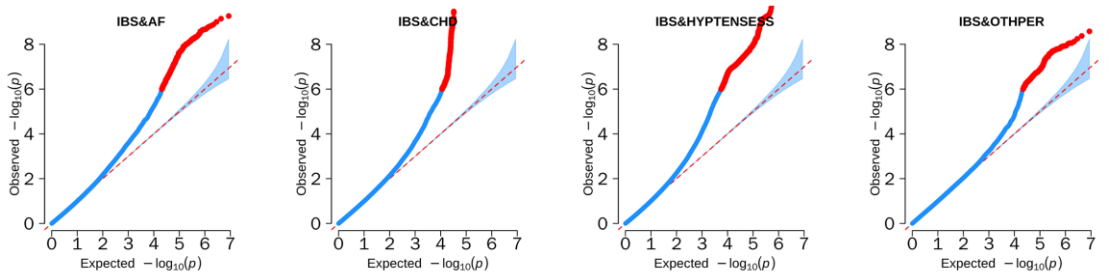


Figure S10. Quantile-Quantile plot of pleiotropic signals between IBS and cardiovascular diseases

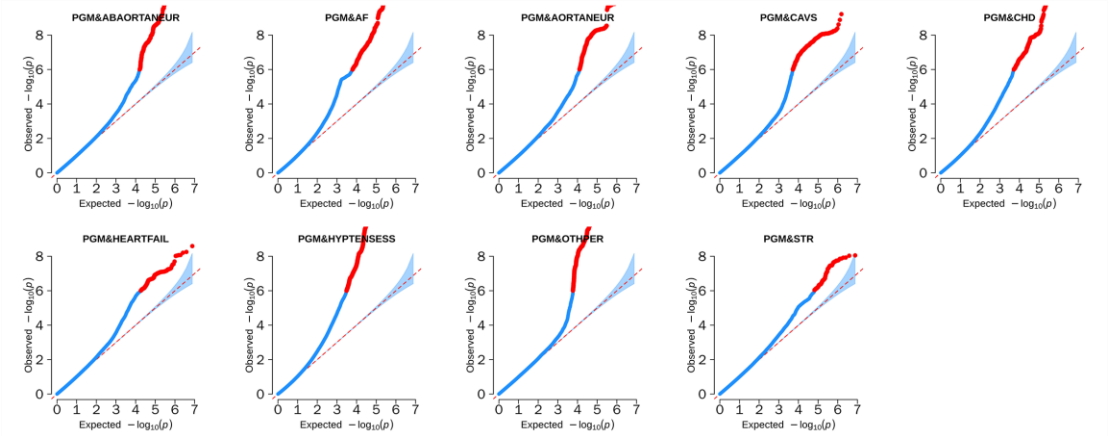


Figure S11. Quantile-Quantile plot of pleiotropic signals between PGM and cardiovascular diseases

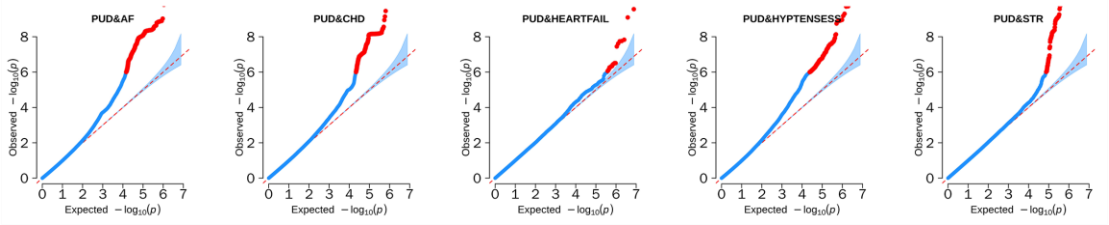


Figure S12. Quantile-Quantile plot of pleiotropic signals between PUD and cardiovascular diseases

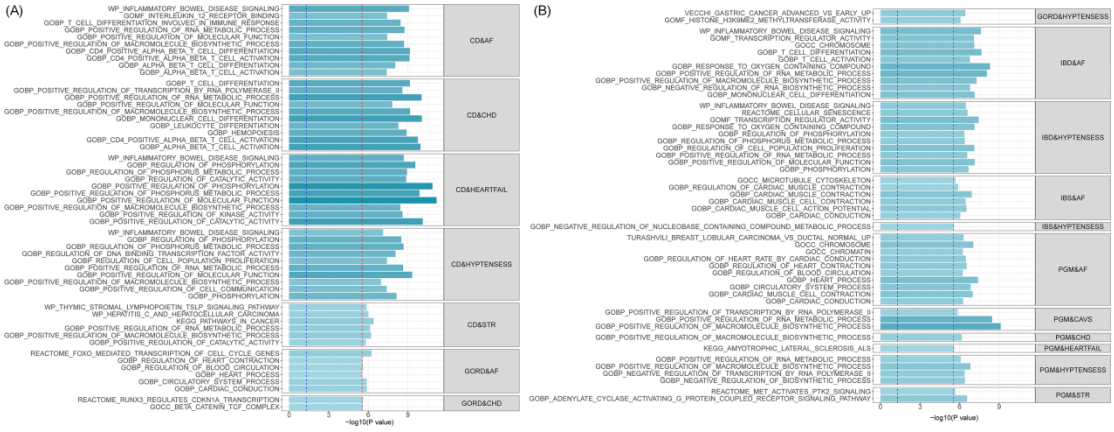


Figure S13. Multiple gene pathways closely associated with these diseases based on the results of MAGMA-derived genes (Table S5)

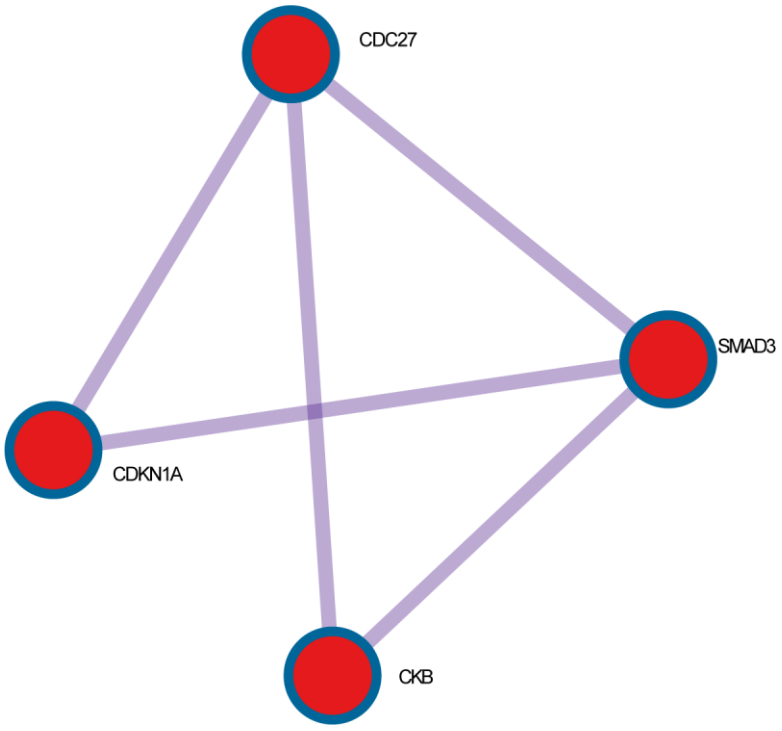


Figure S14. Protein-protein interaction (PPI) network analysis of pleiotropic genes is shown in Figure S14.

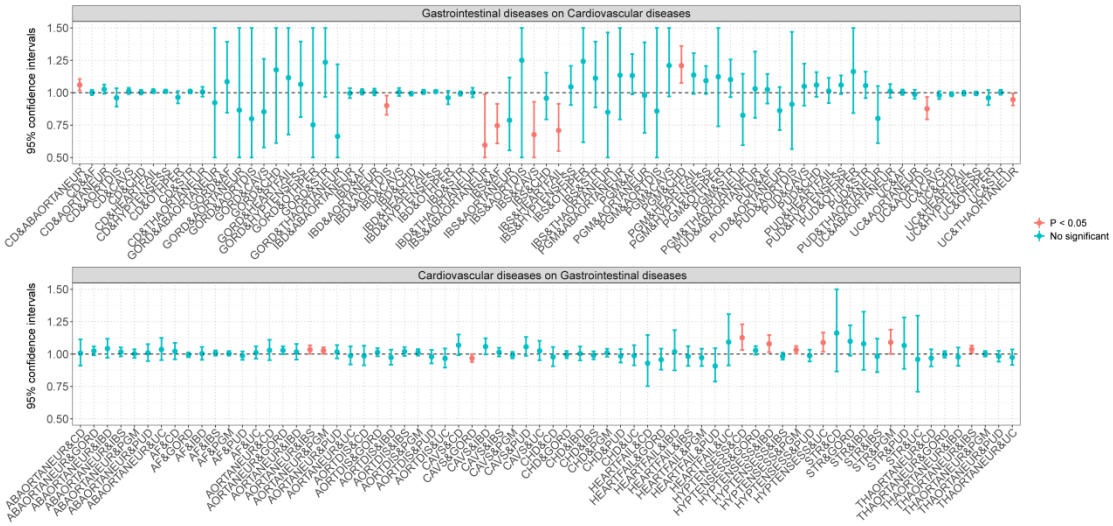


Figure S15. Forest plot of Mendelian randomization analysis, with green indicating positive phenotype pairs and red indicating negative phenotype pairs