

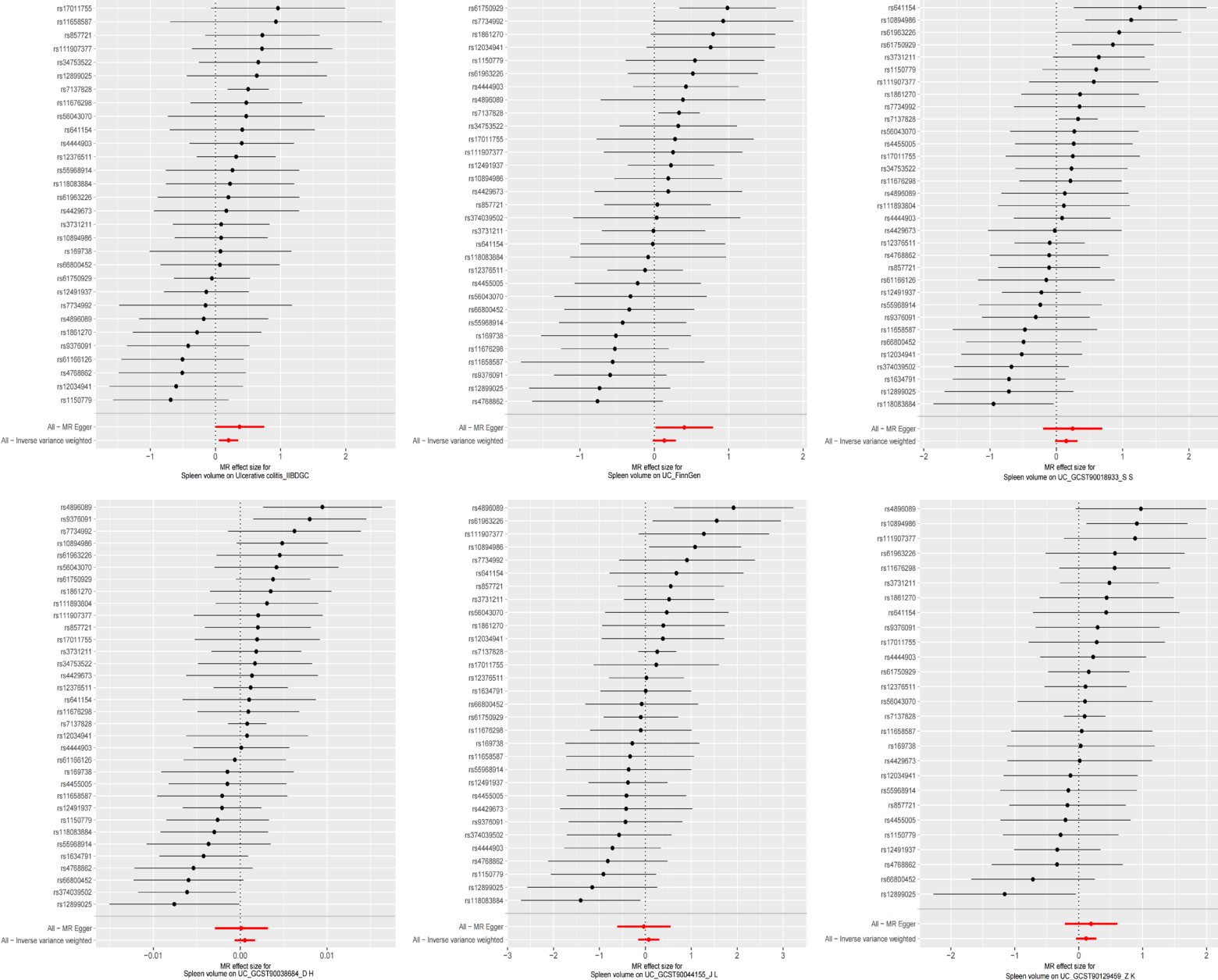


Figure S1. The forest plots of Spleen volume on UC.

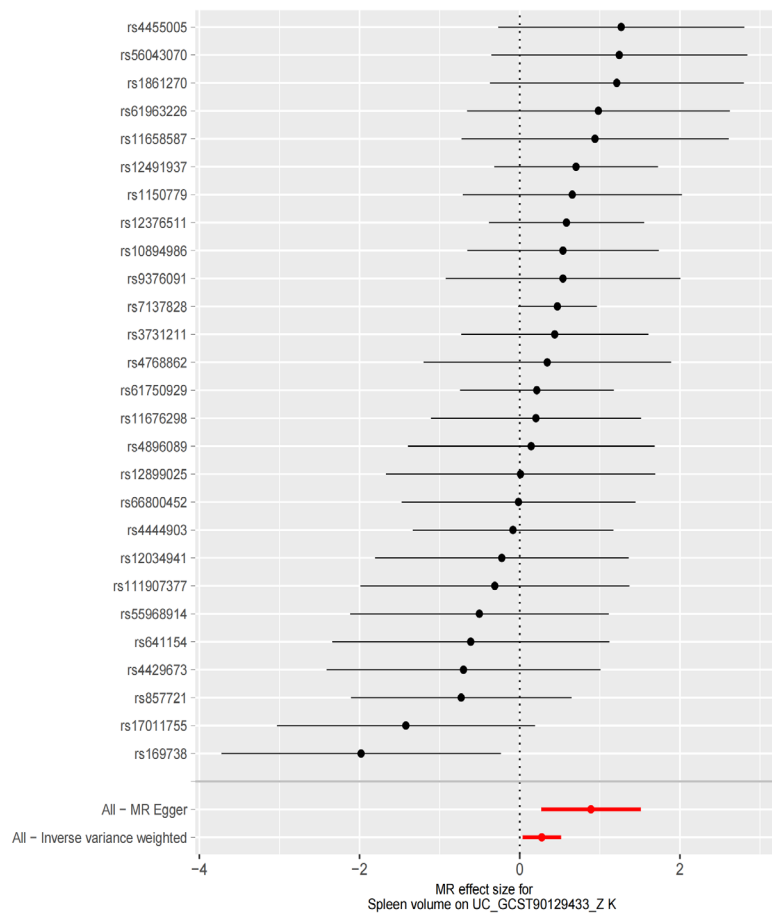
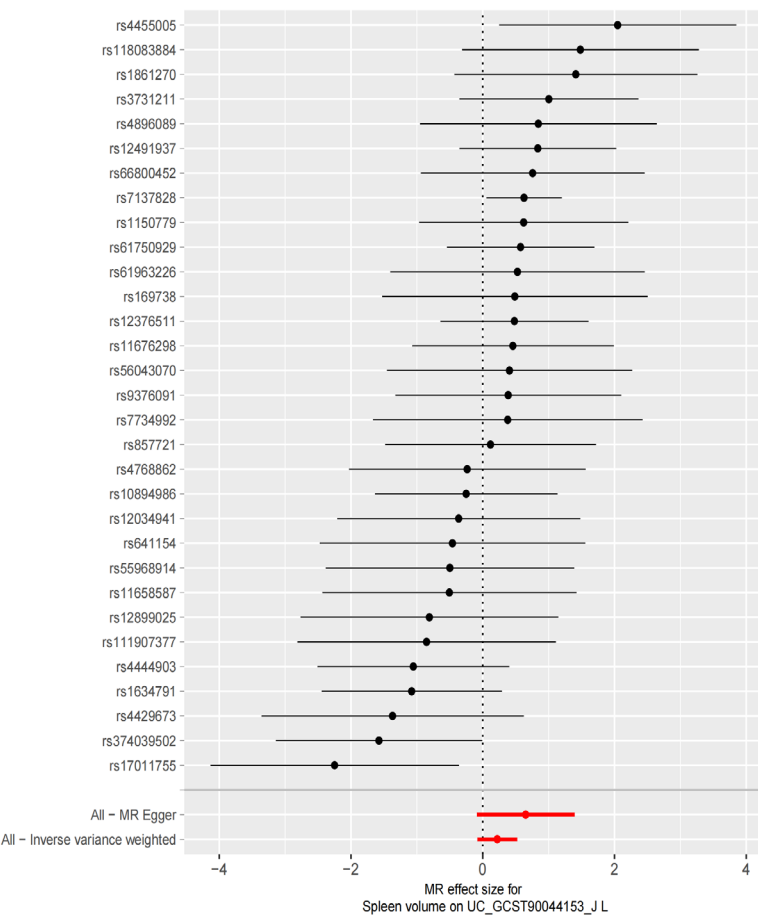
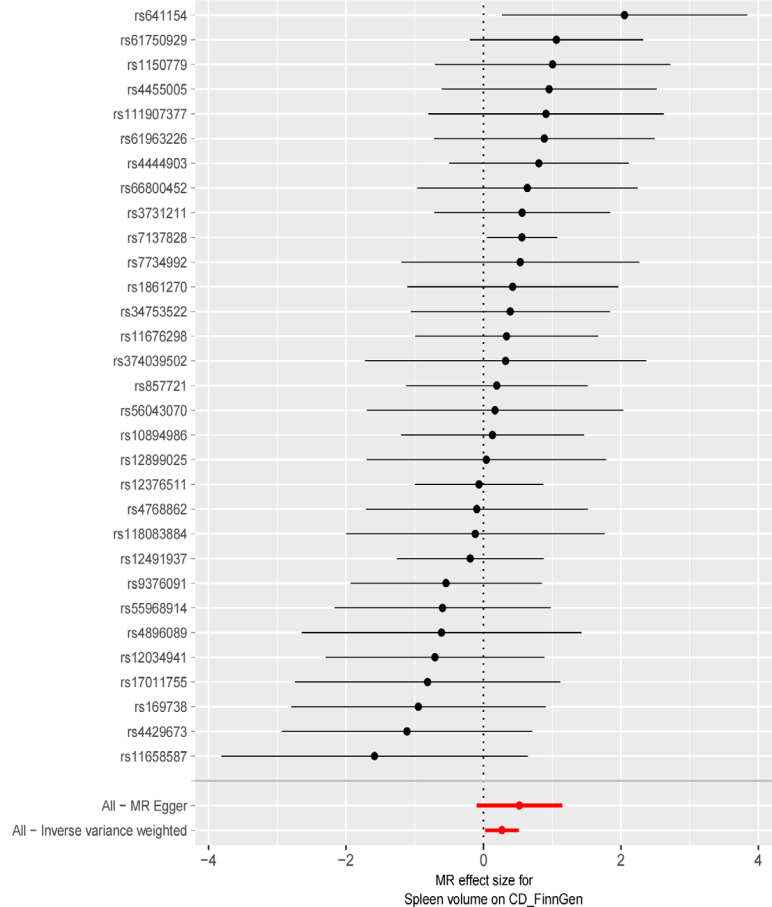
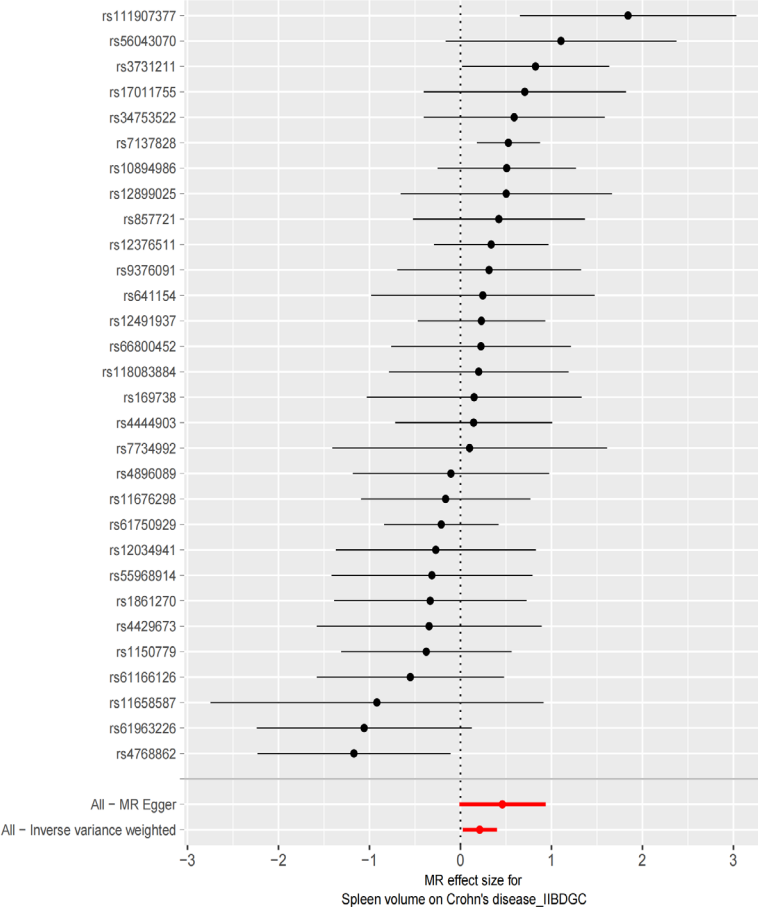


Figure S2. The forest plots of Spleen volume on CD.

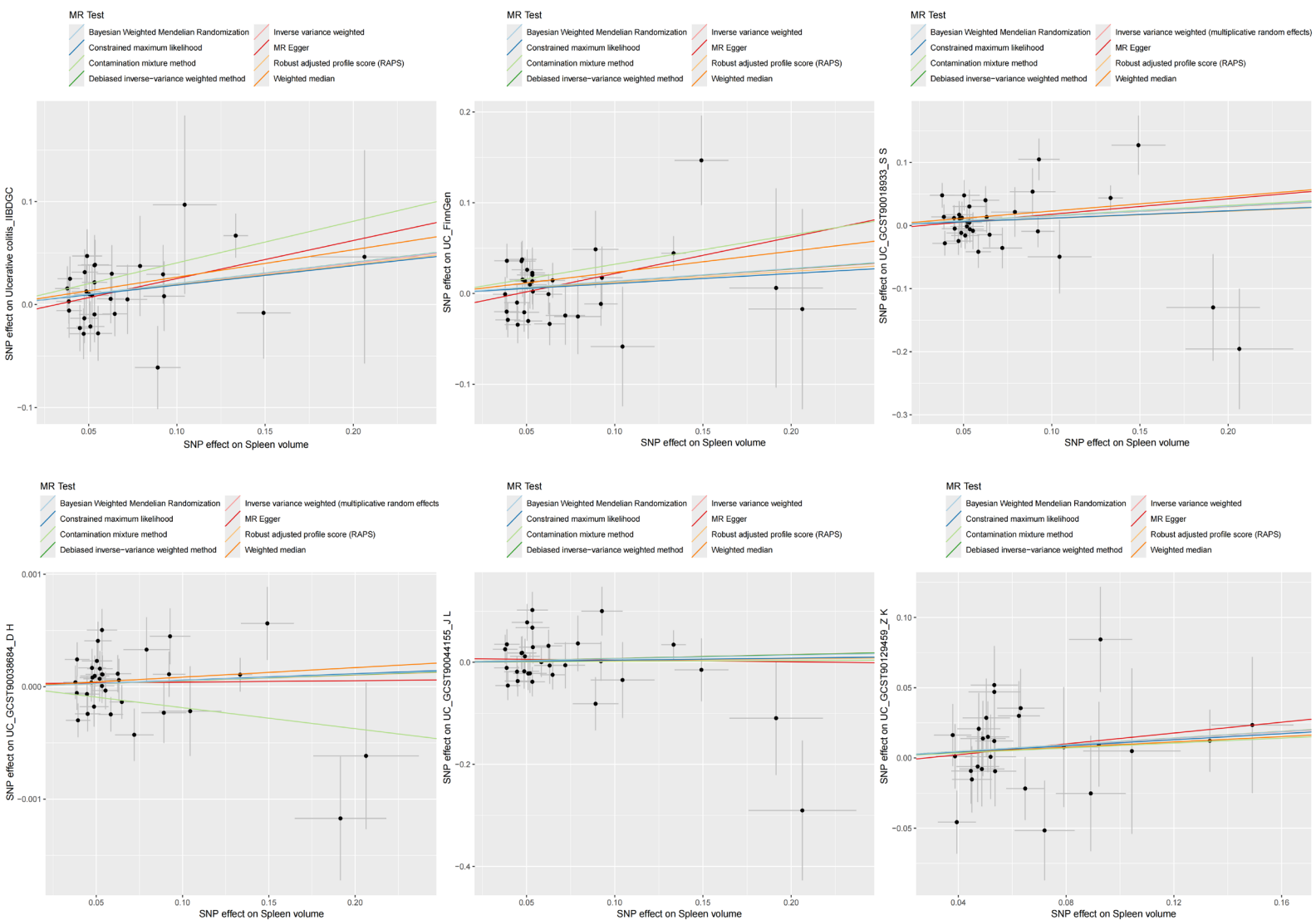


Figure S3. The scatter plots of Spleen volume on UC

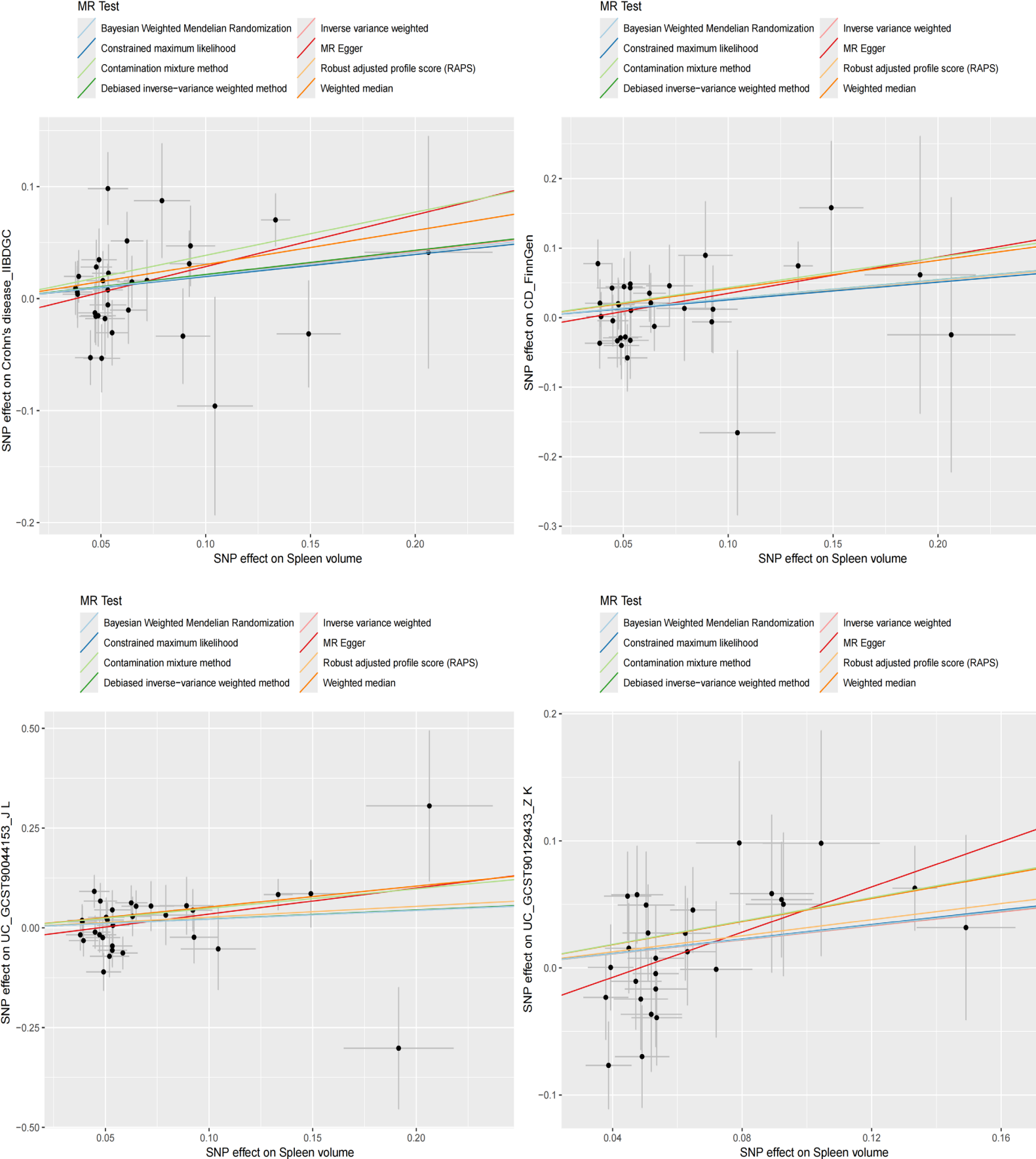


Figure S4. The scatter plots of Spleen volume on CD.

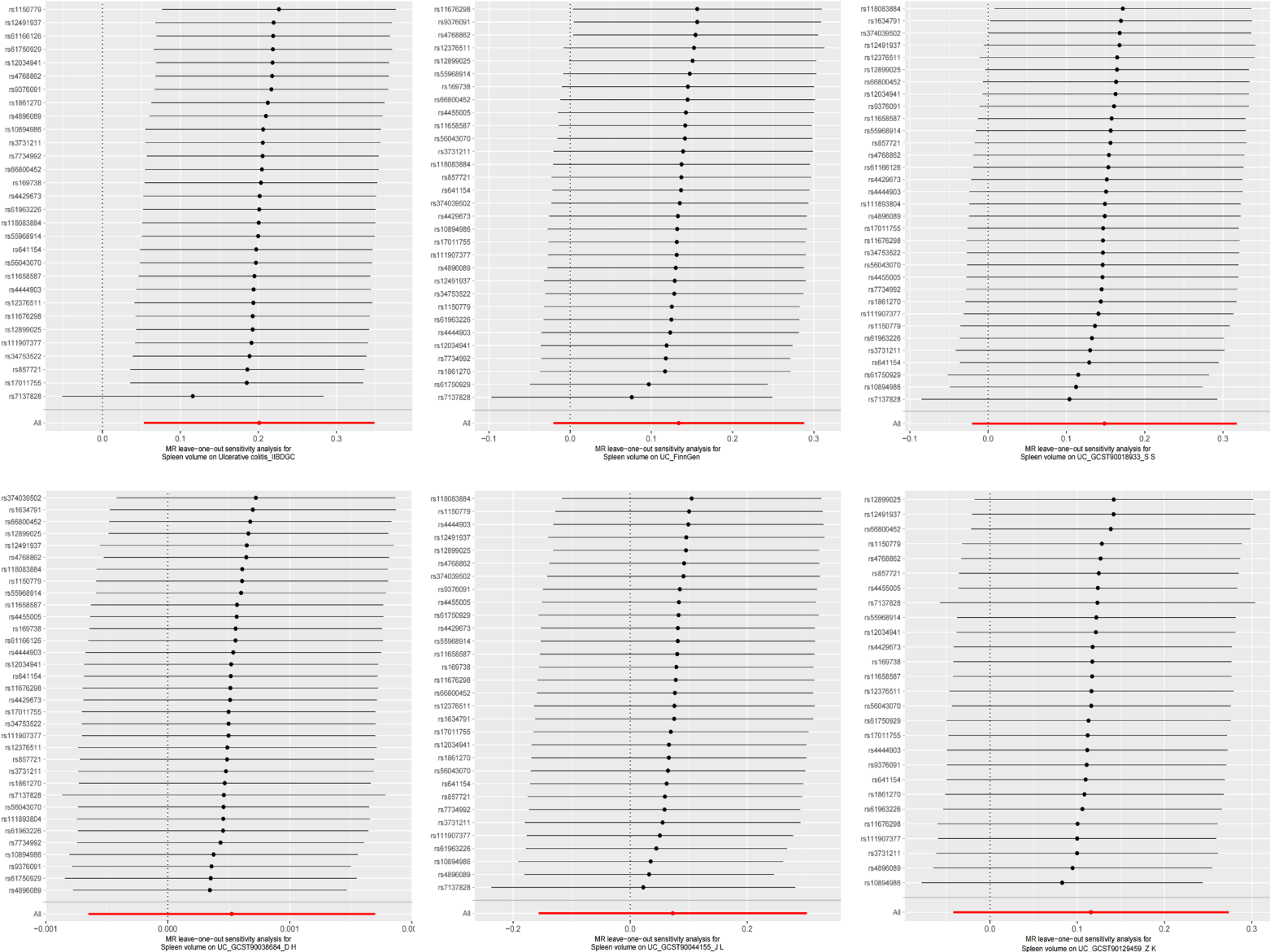


Figure S5. The leave-one-out plots of Spleen volume on UC.

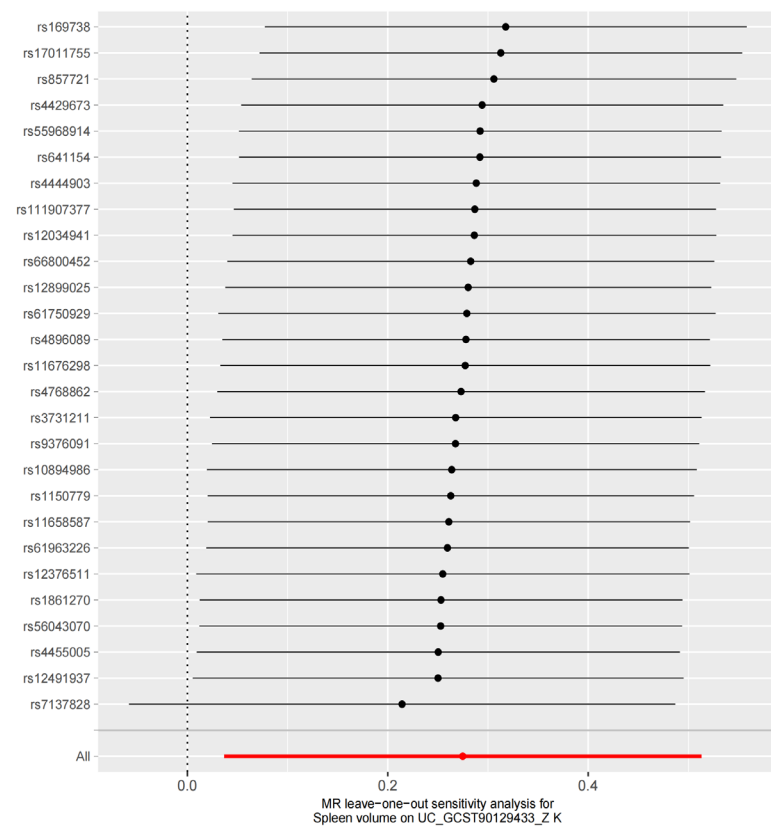
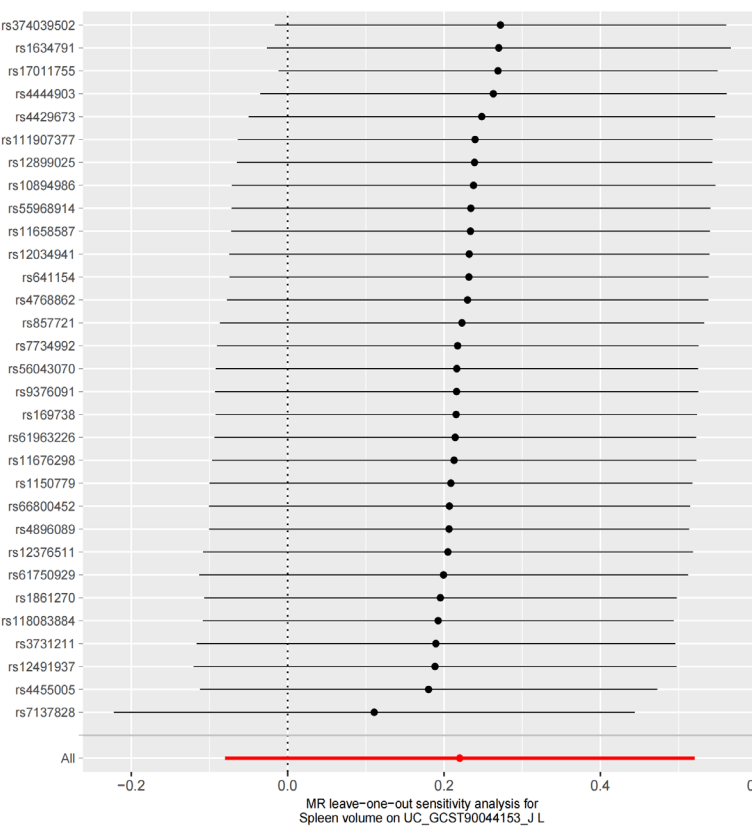
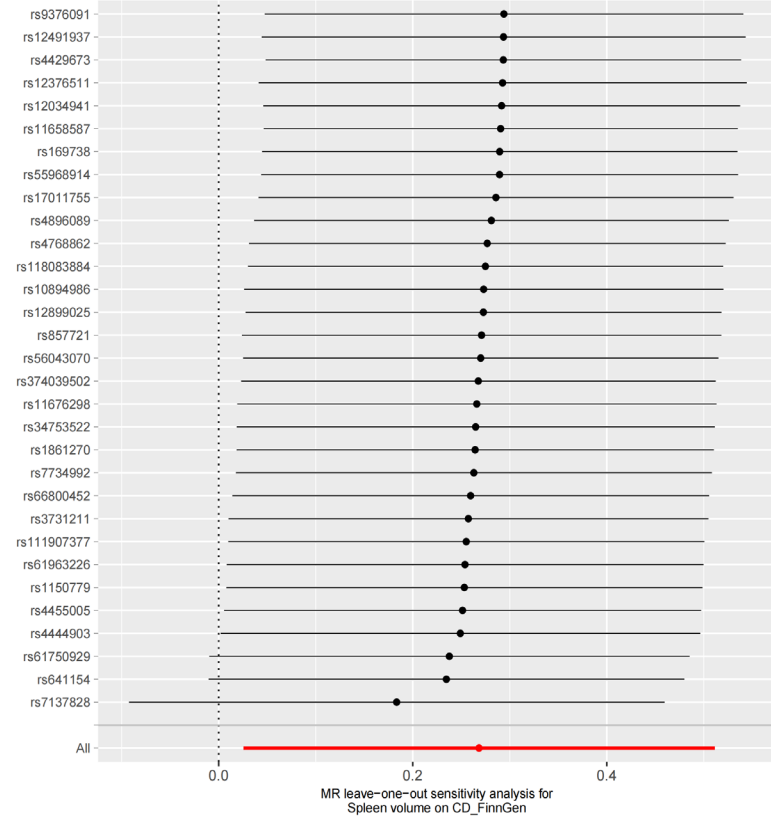
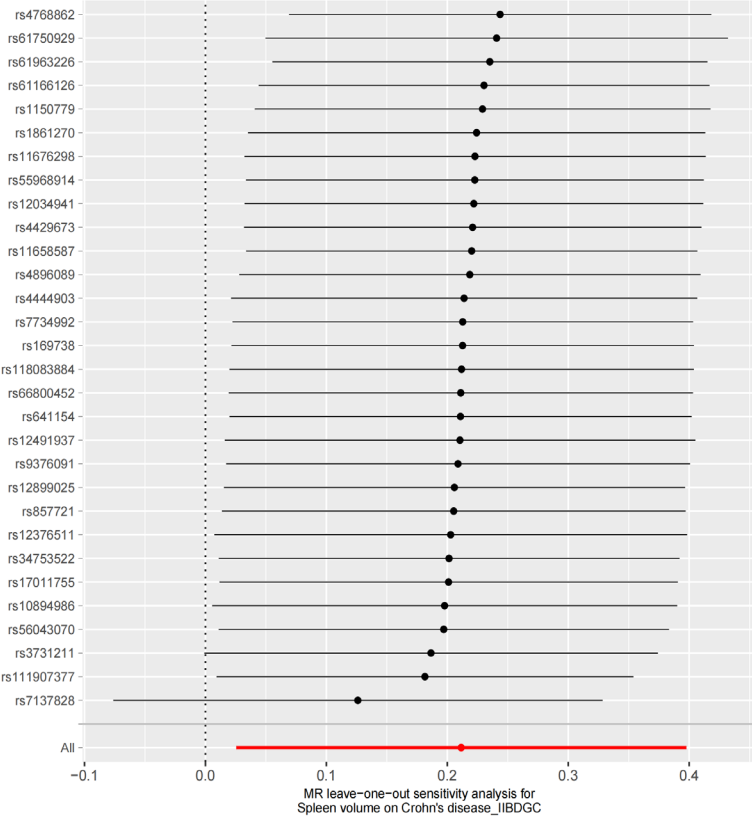


Figure S6. The leave-one-out plots of Spleen volume on CD.

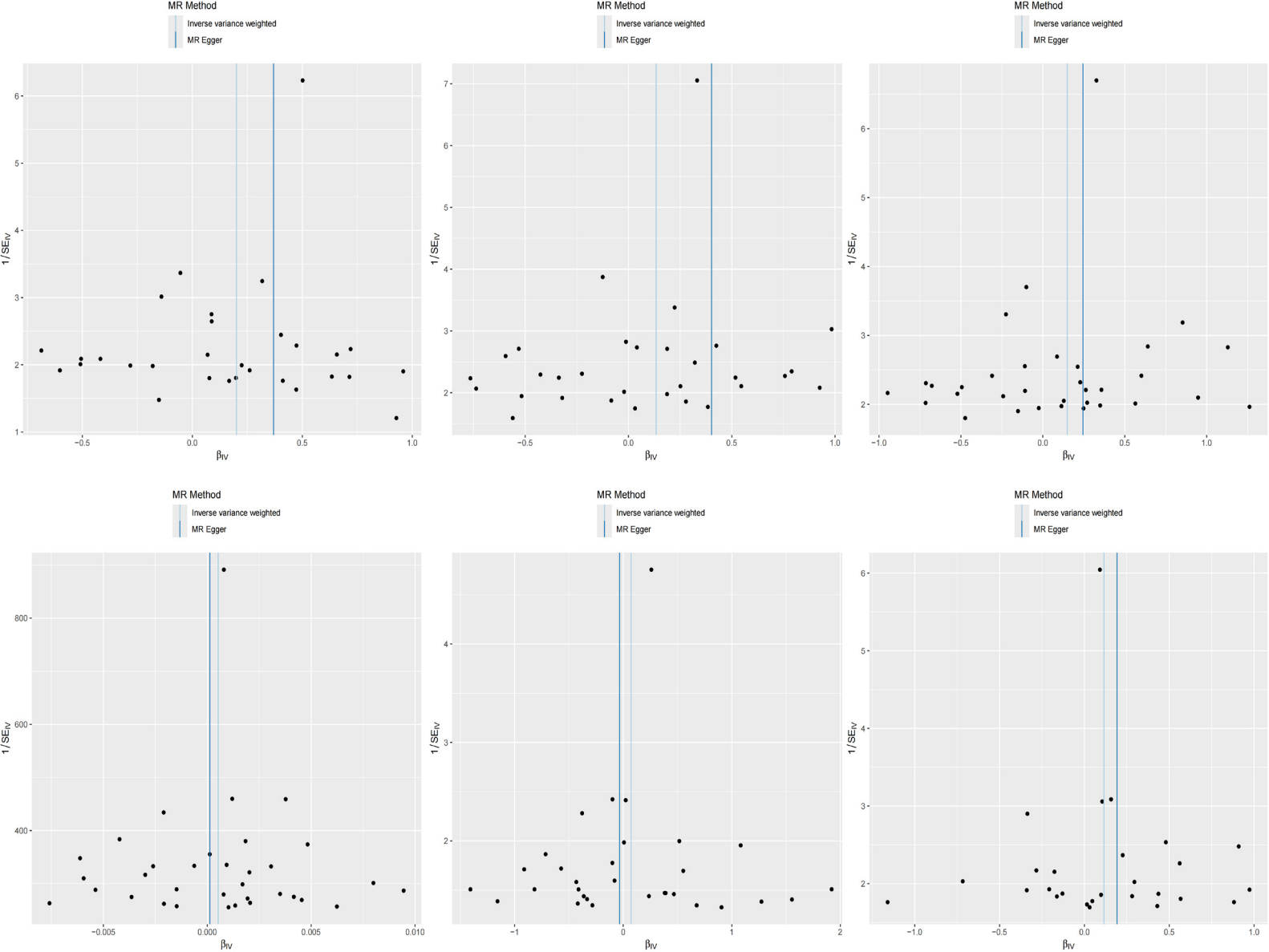


Figure S7. The funnel plot of Spleen volume on UC.

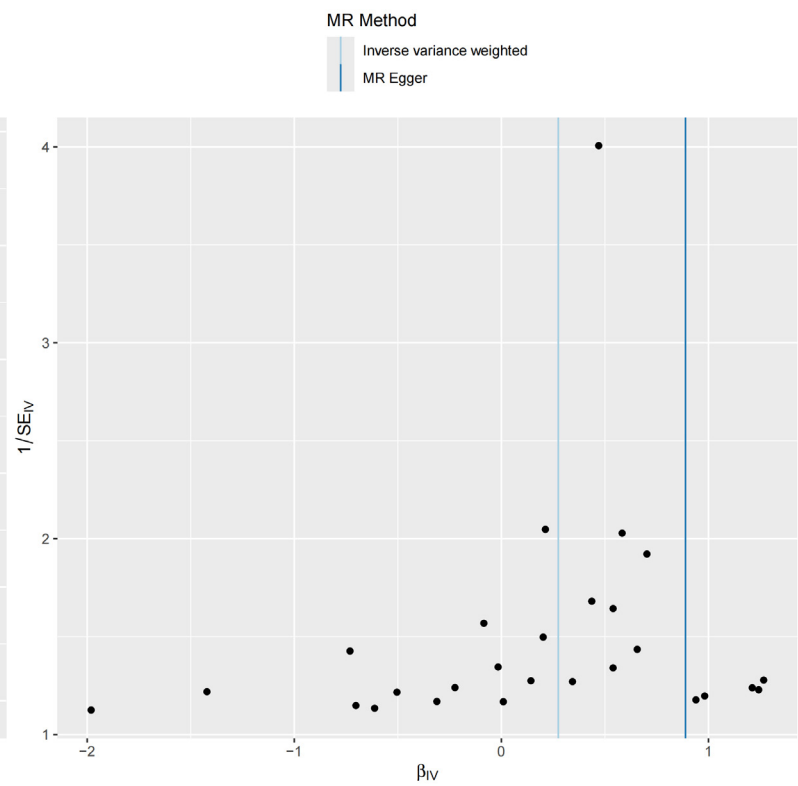
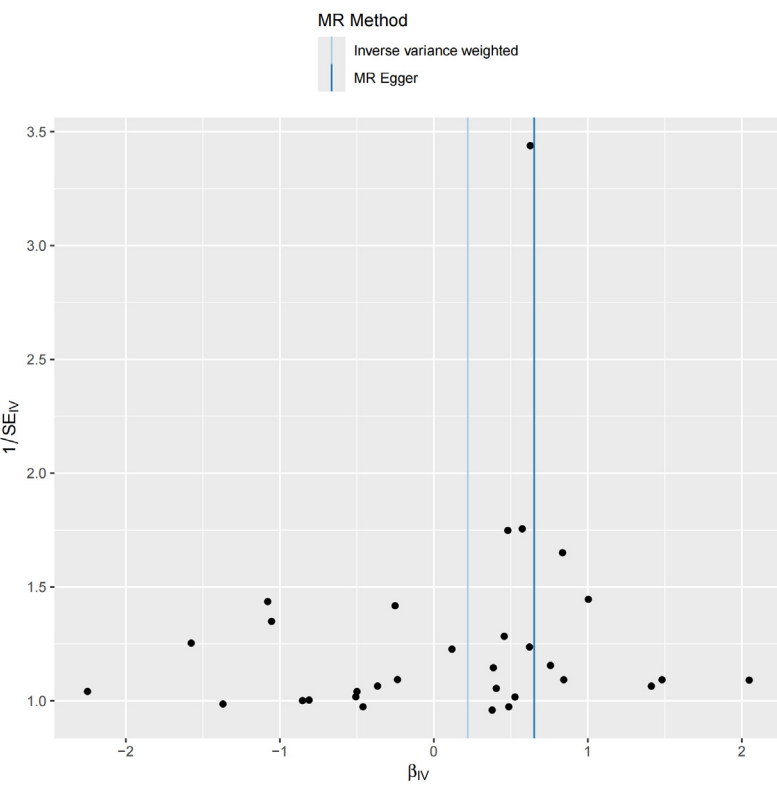
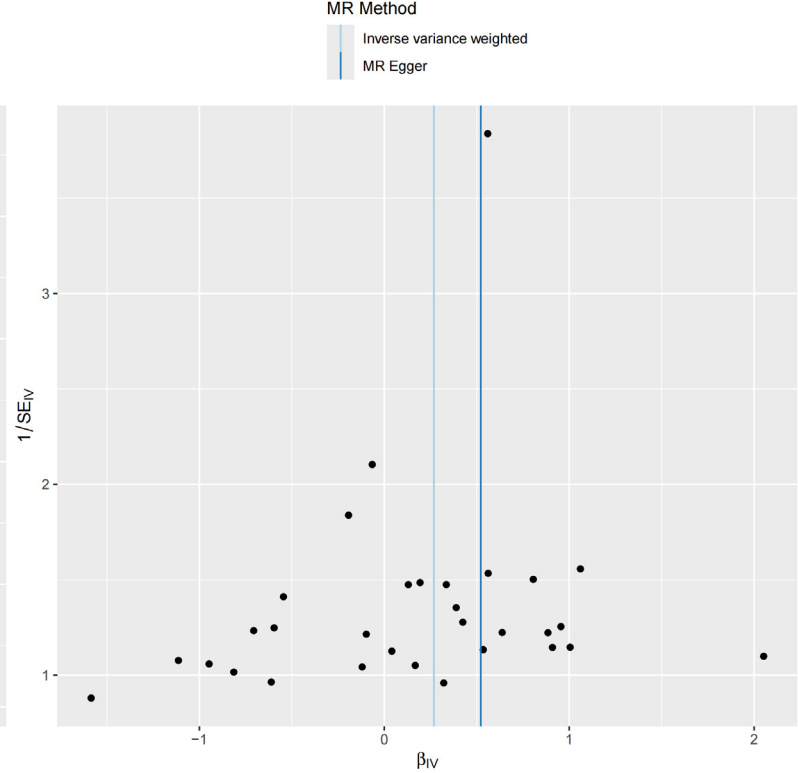
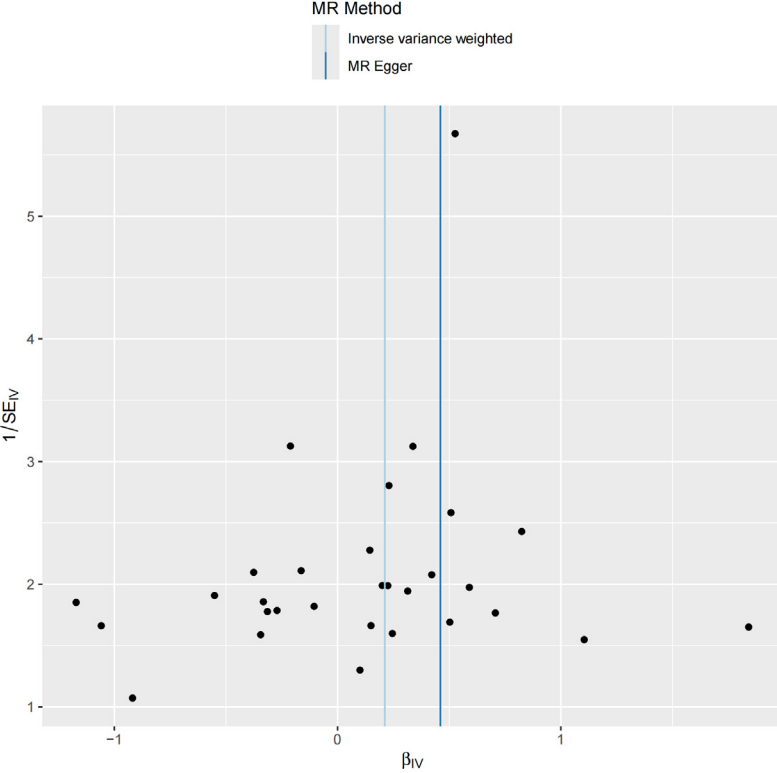


Figure S8. The funnel plot of Spleen volume on CD.

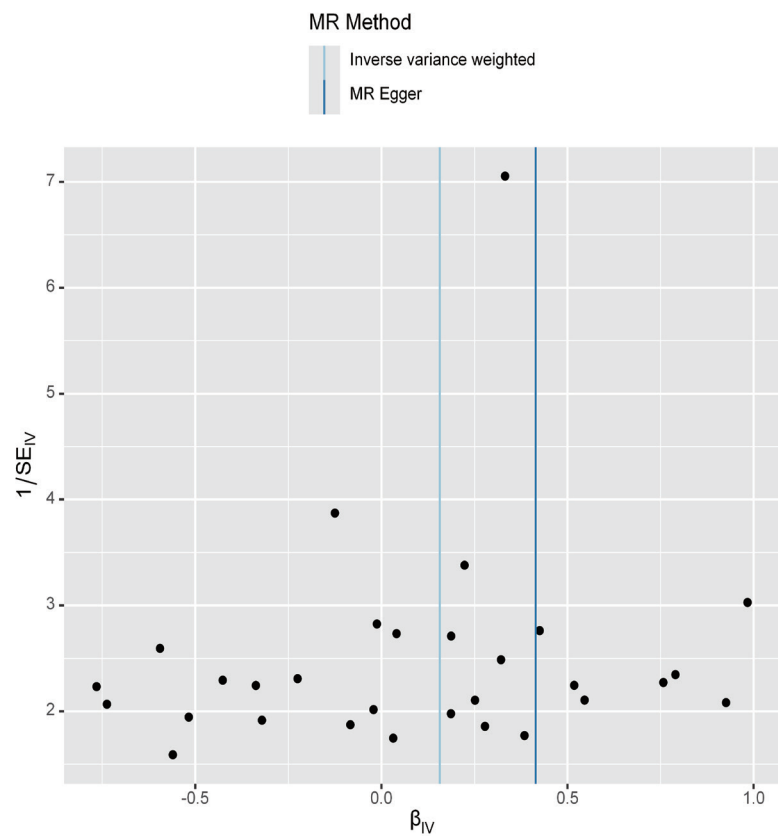
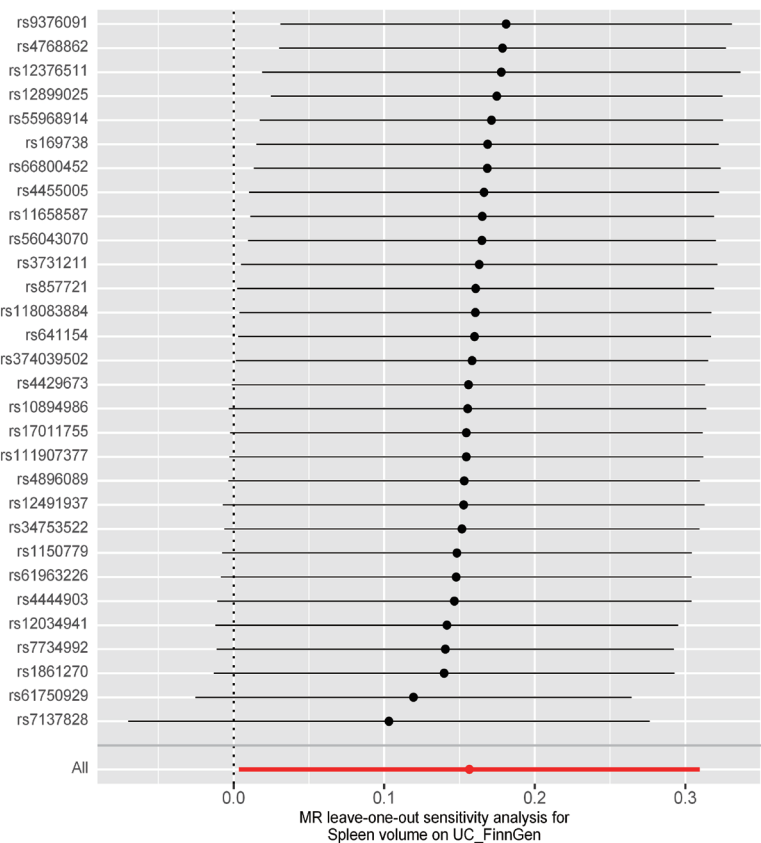
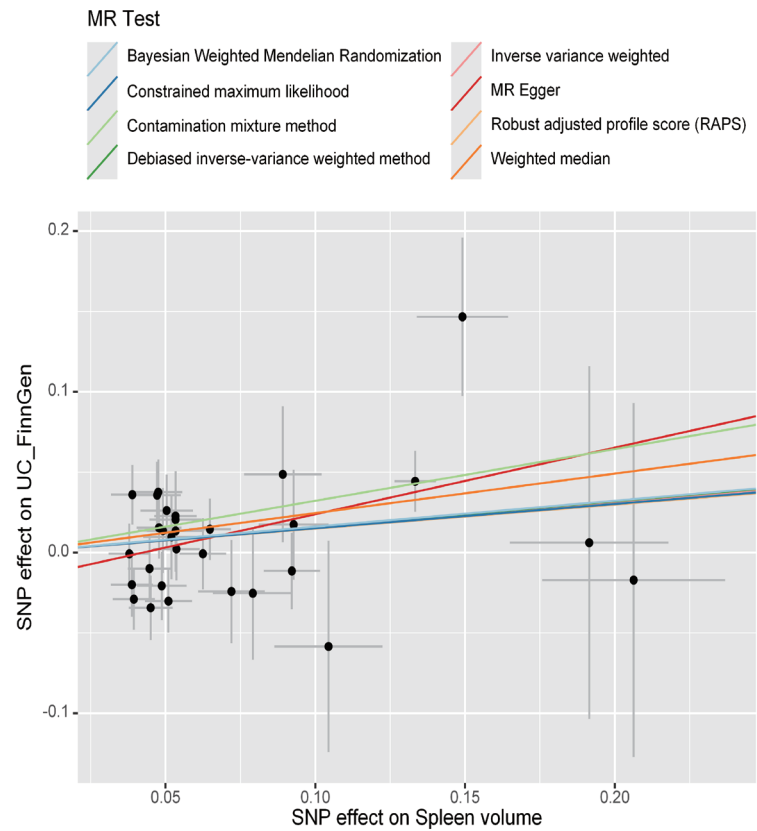
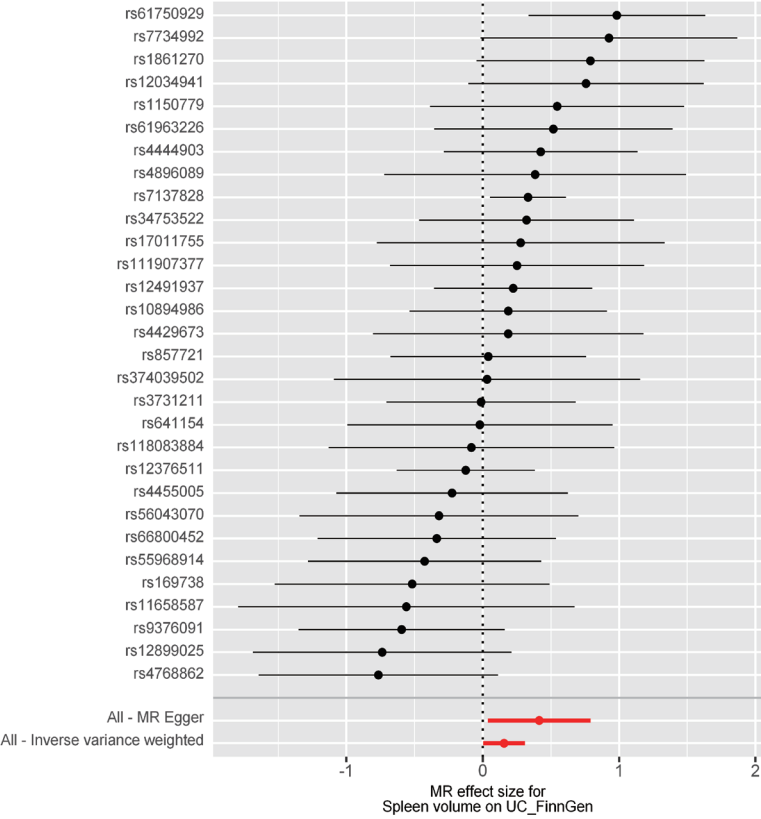


Figure S9. The result after removing rs11676298 SNP from the UC-FinnGen database by leave-one-out method.

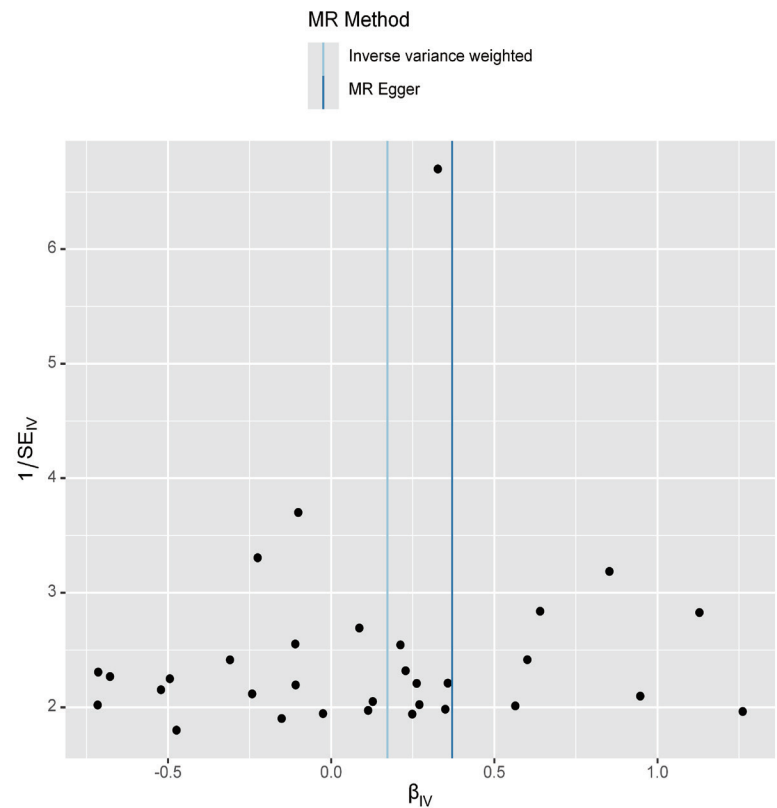
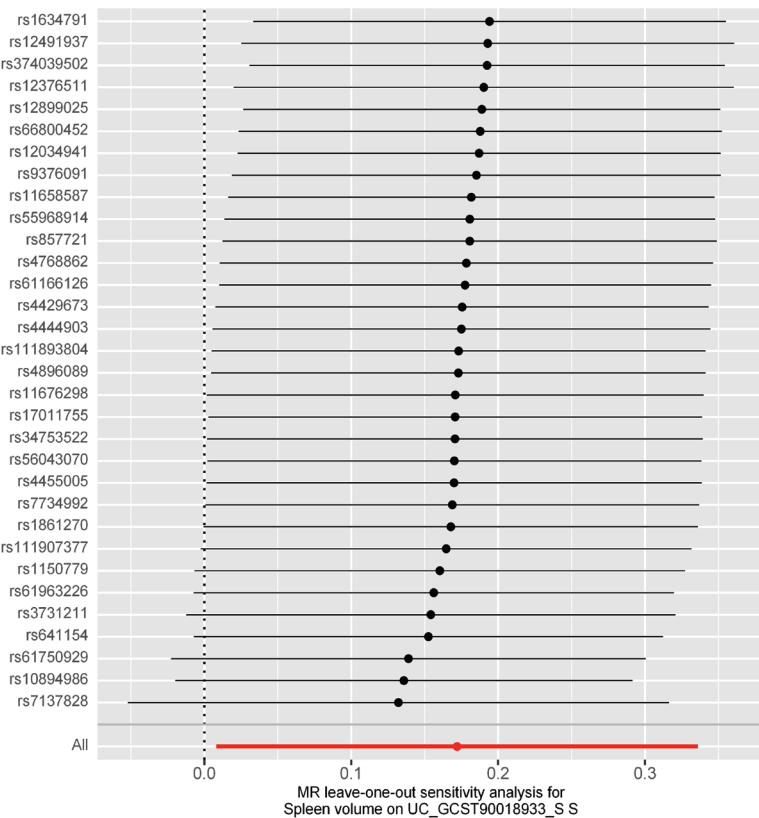
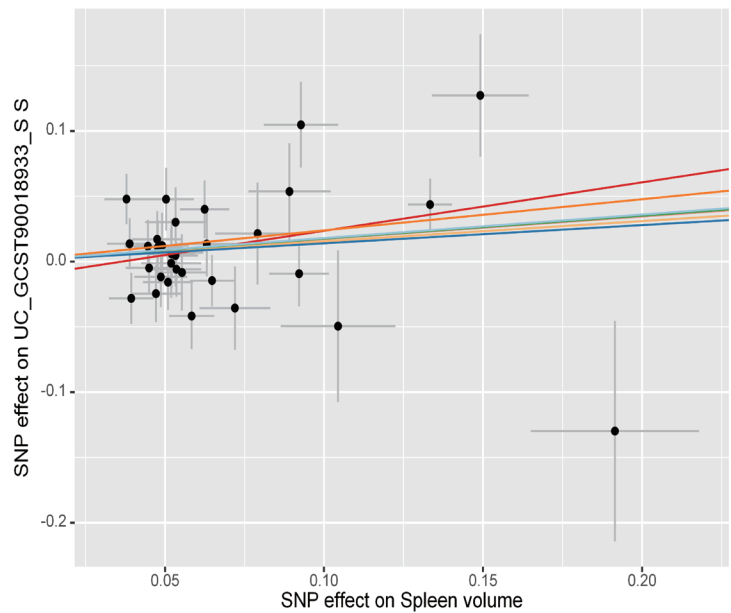
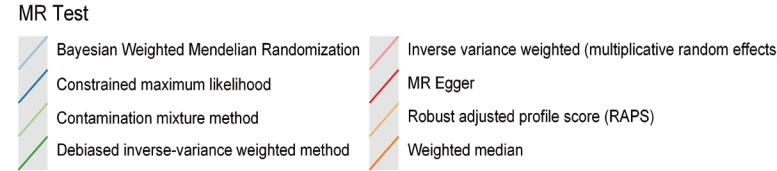
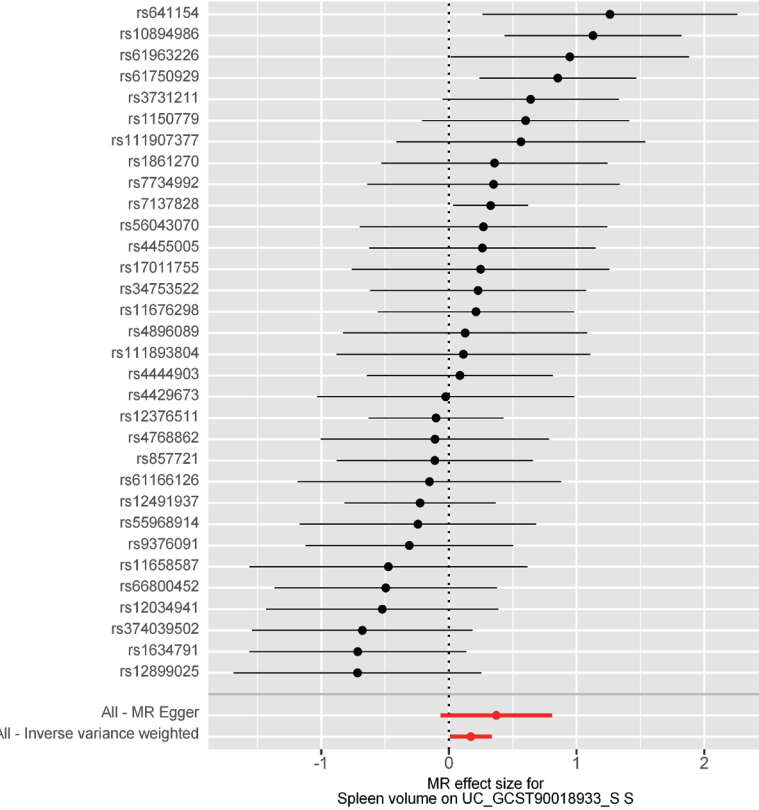


Figure S10. The result after removing rs118083884 SNP from the UC_GWAS_S S (GCST90018933) by leave-one-out method.

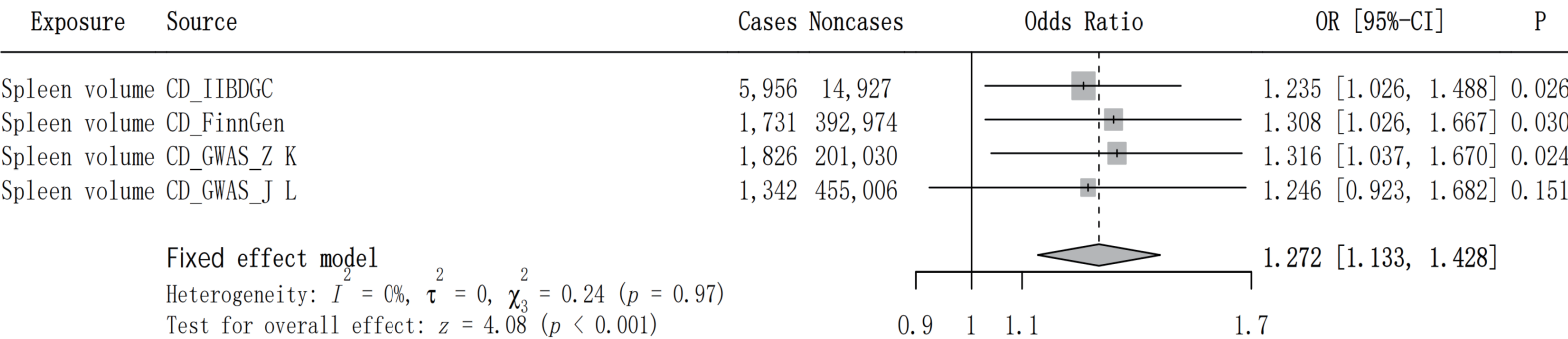
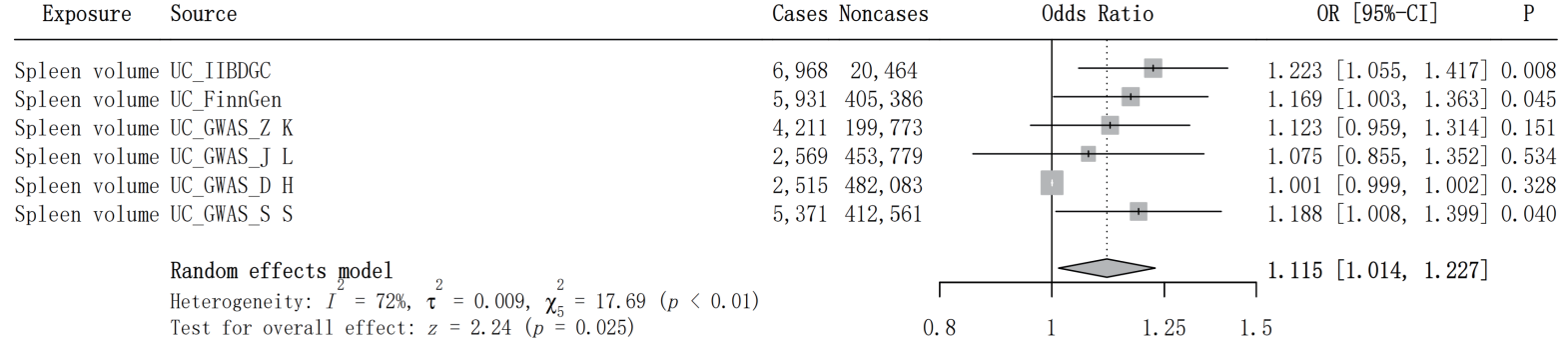


Figure S11.Meta-analysis.