

Figure S1. Scatter and leave-one-out plot of the family *Enterobacteriaceae*. MR, Mendelian randomization; SNP, single nucleotide polymorphism.

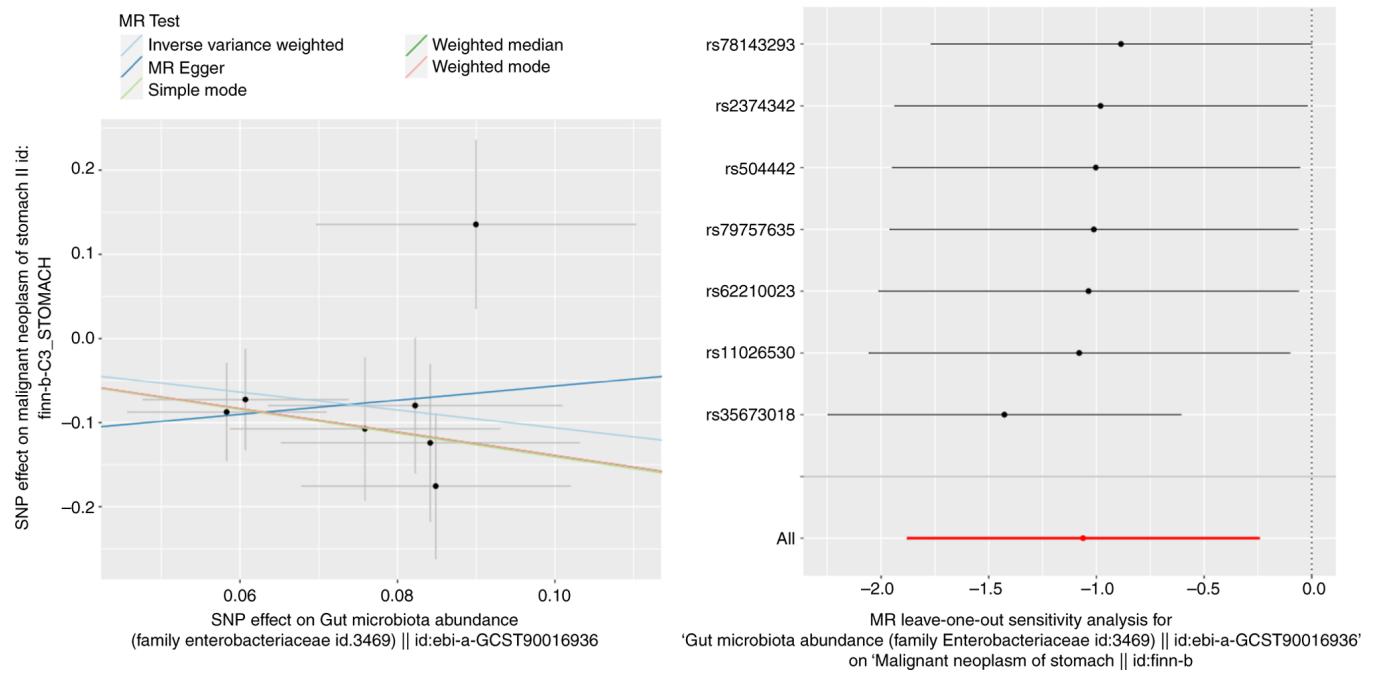


Figure S2. Scatter and leave-one-out plot of the genus *Allisonella*. MR, Mendelian randomization; SNP, single nucleotide polymorphism.

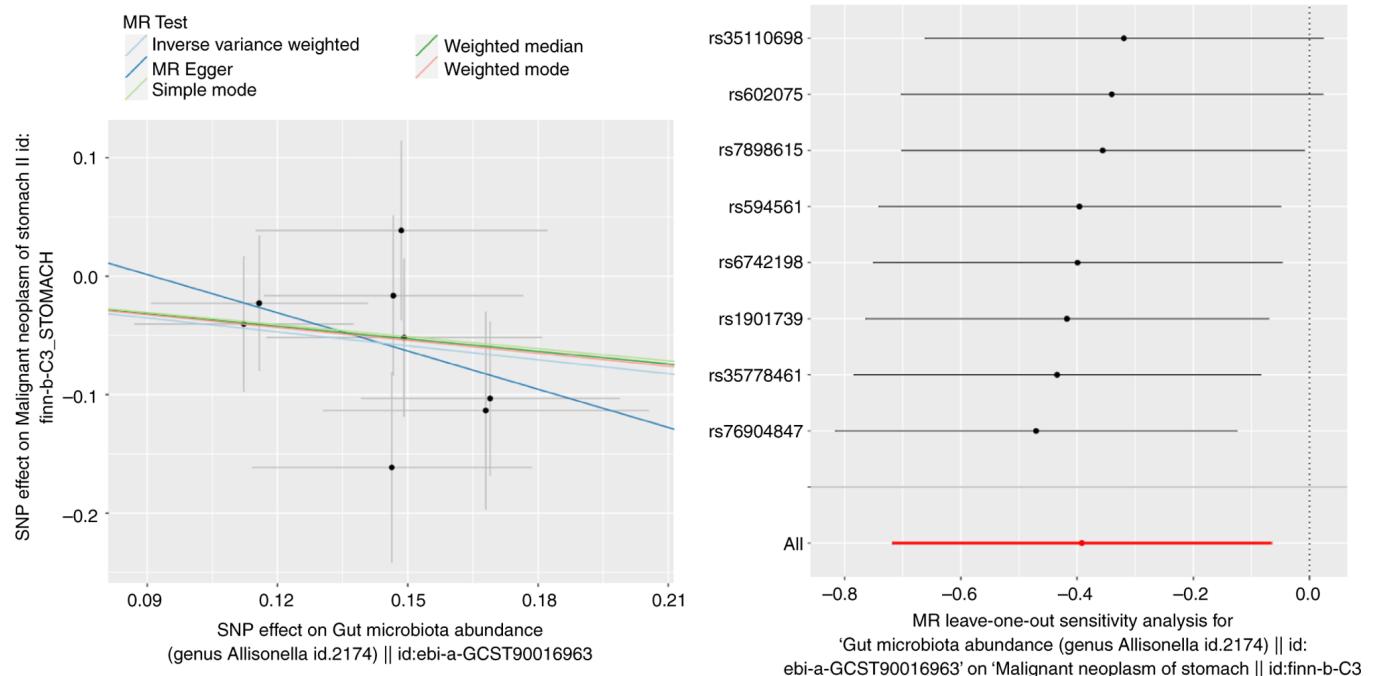


Figure S3. Scatter and leave-one-out plot of genus *Lachnospiraceae* FCS020. MR, Mendelian randomization; SNP, single nucleotide polymorphism.

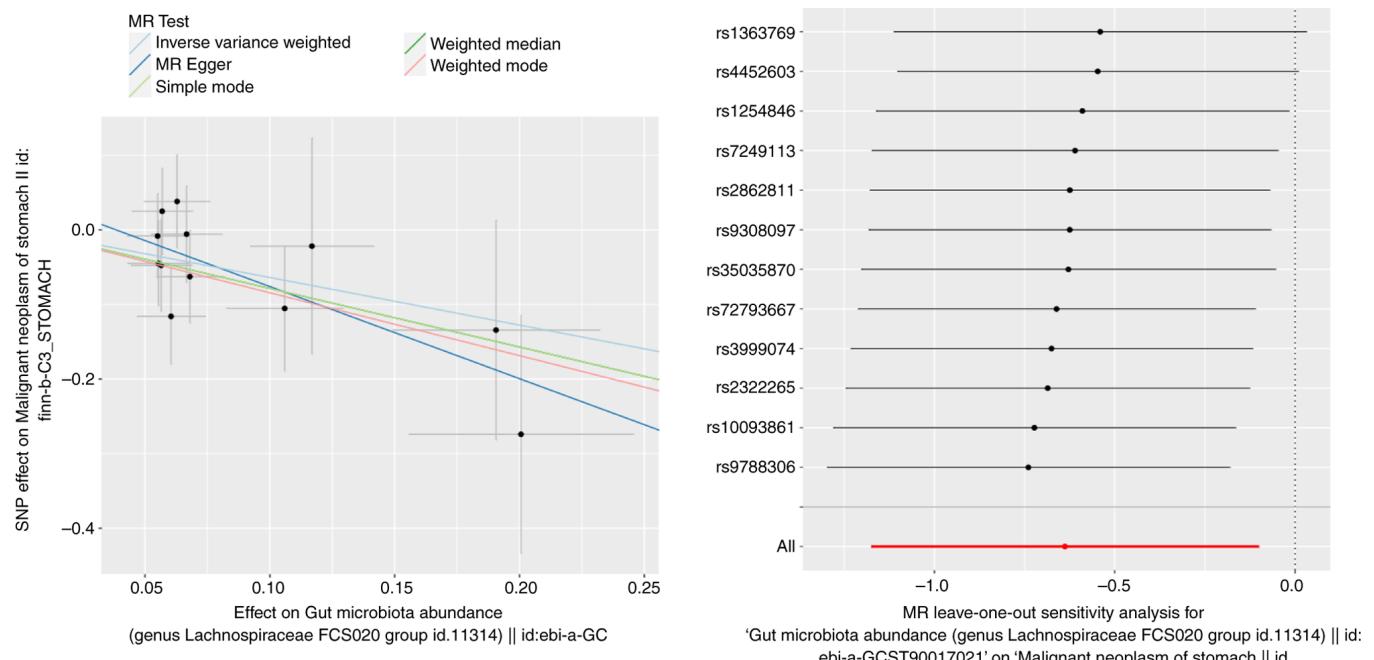


Figure S4. Scatter and leave-one-out plot of genus the *Prevotella* 7. MR, Mendelian randomization; SNP, single nucleotide polymorphism.

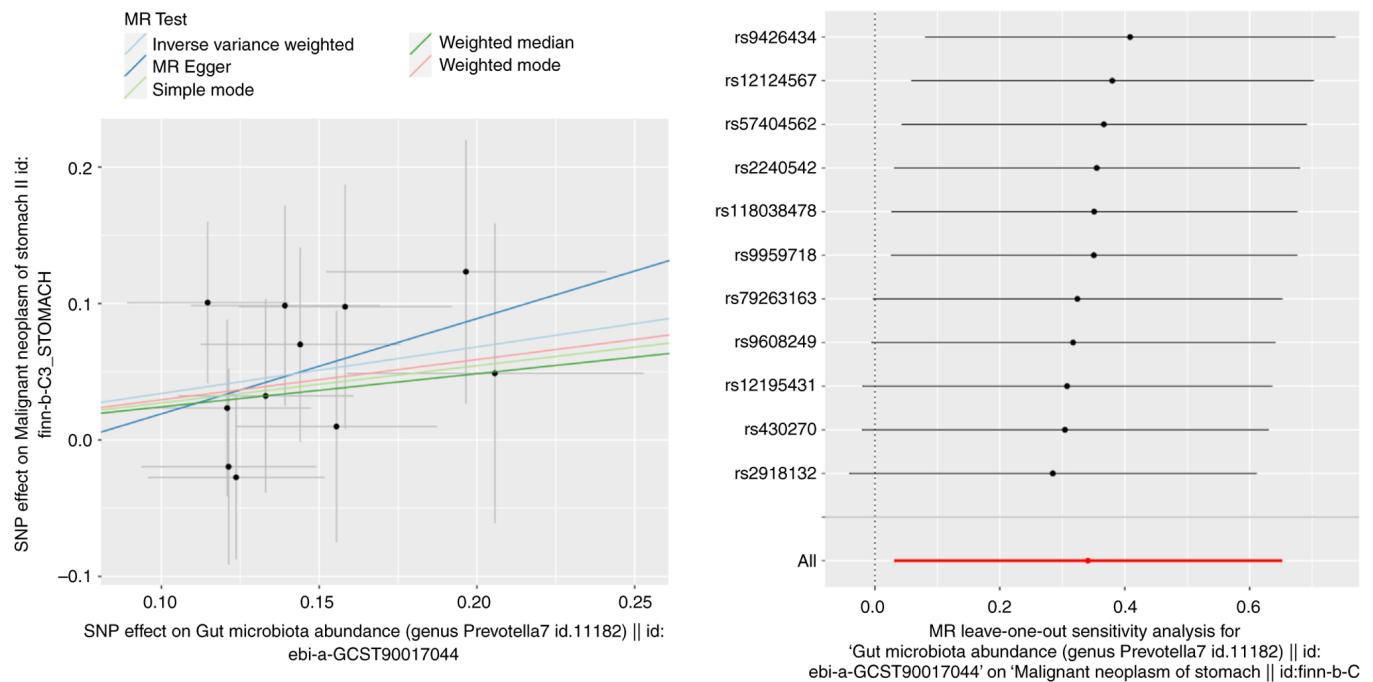


Figure S5. Scatter and leave-one-out plot of the genus *Roseburia*. MR, Mendelian randomization; SNP, single nucleotide polymorphism.

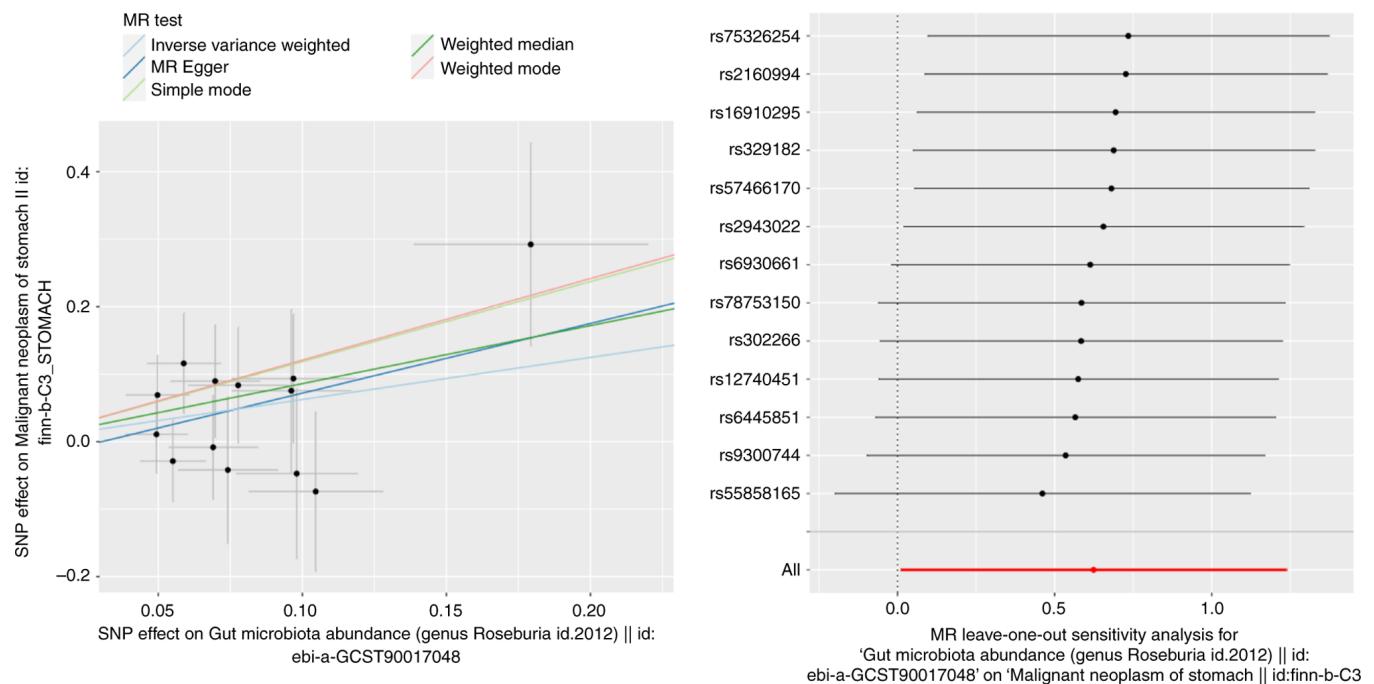


Figure S6. Scatter and leave-one-out plot of the genus *Ruminococcaceae* UCG004. MR, Mendelian randomization; SNP, single nucleotide polymorphism.

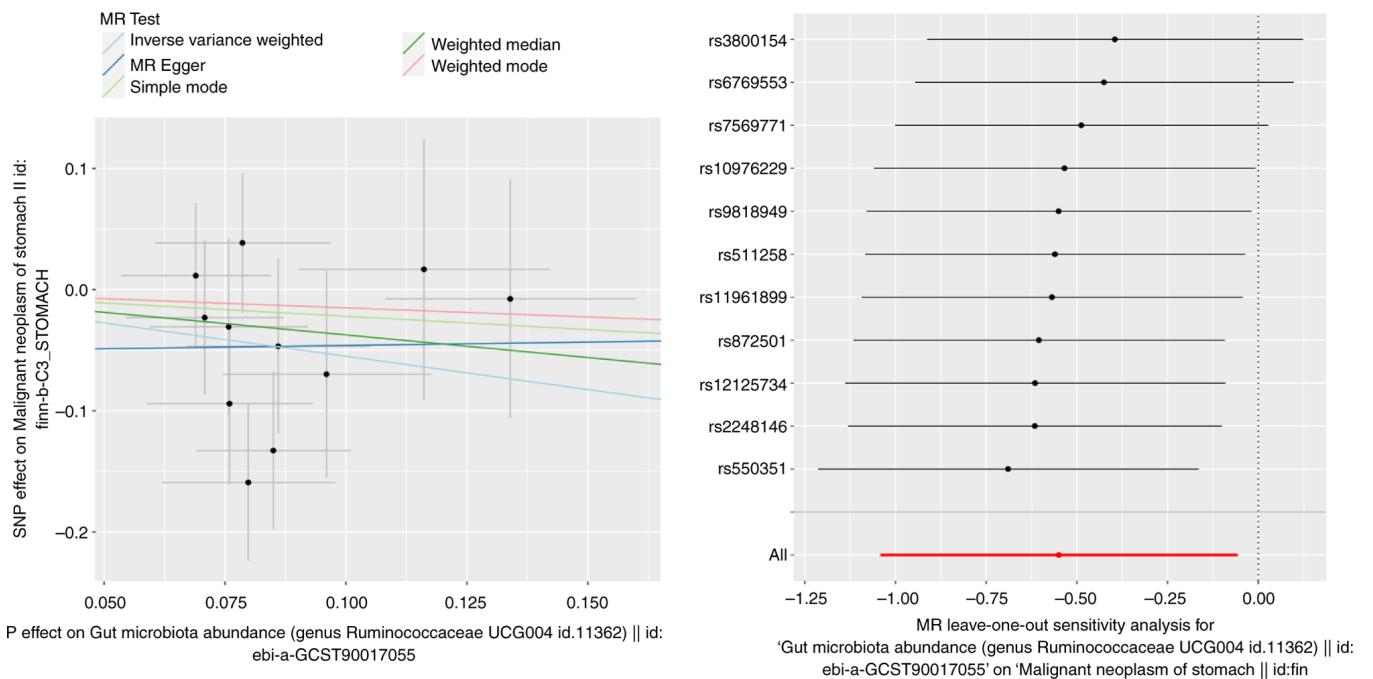


Figure S7. Scatter and leave-one-out plot of the genus *Ruminococcaceae* UCG009. MR, Mendelian randomization; SNP, single nucleotide polymorphism.

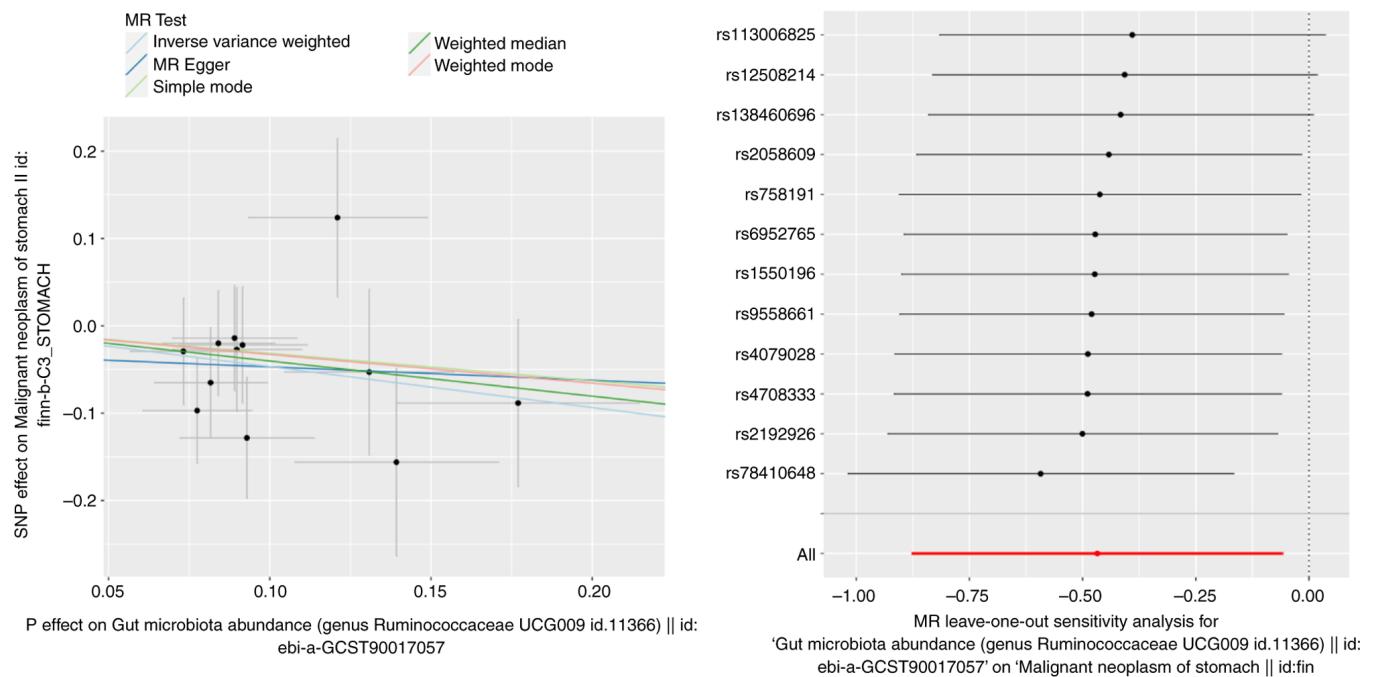


Figure S8. Scatter and leave-one-out plot of the genus *Ruminococcaceae* UCG014. MR, Mendelian randomization; SNP, single nucleotide polymorphism.

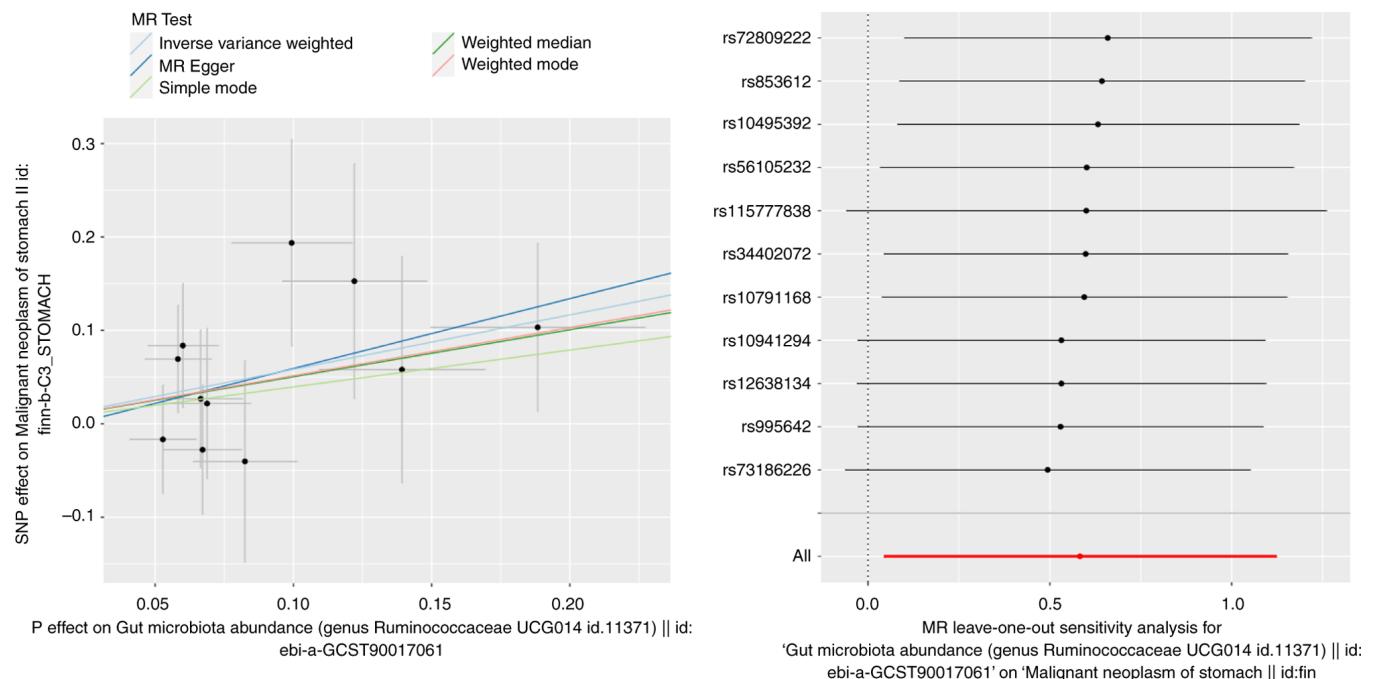


Figure S9. Scatter and leave-one-out plot of the order Enterobacteriales. MR, Mendelian randomization; SNP, single nucleotide polymorphism.

