

Supplementary Material

Causal Effects of Gut Microbiome on Cardiovascular diseases: A Two-Sample Mendelian Randomization Study

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Supplementary Data

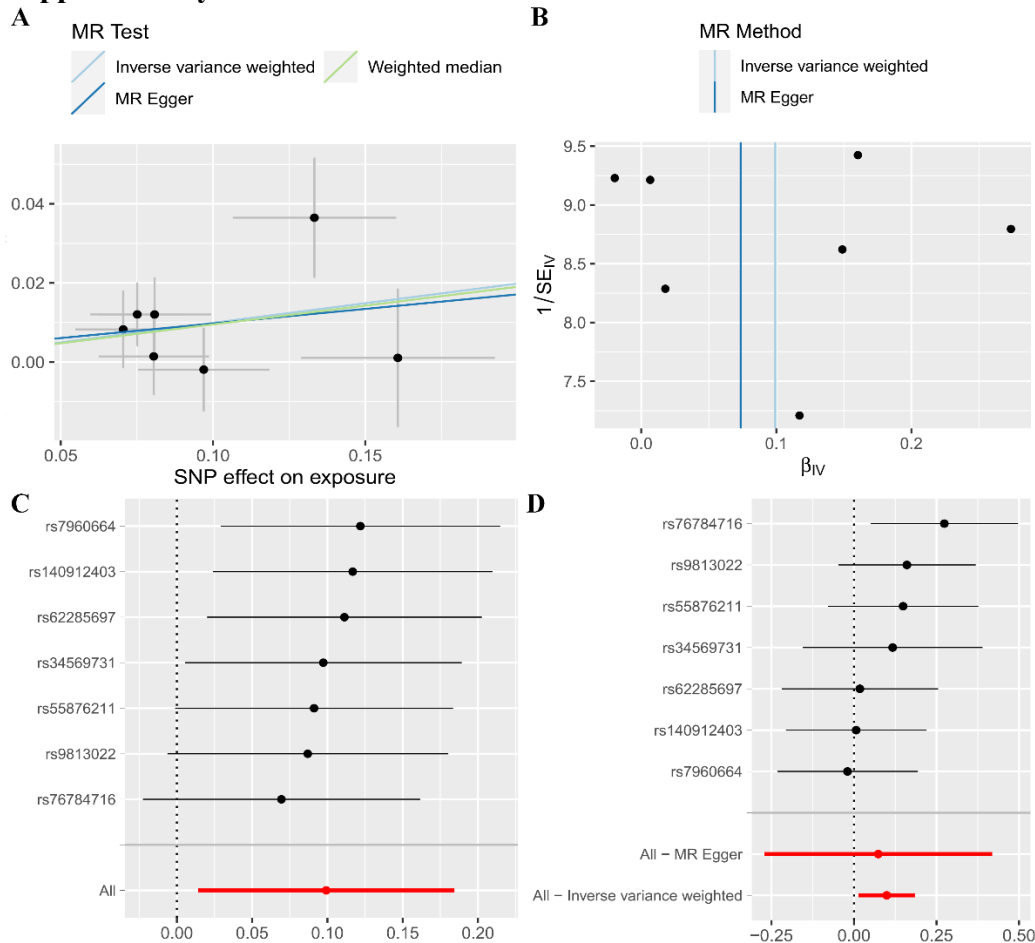


Figure S1. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Alphaproteobacteria* on myocardial infarction risk.

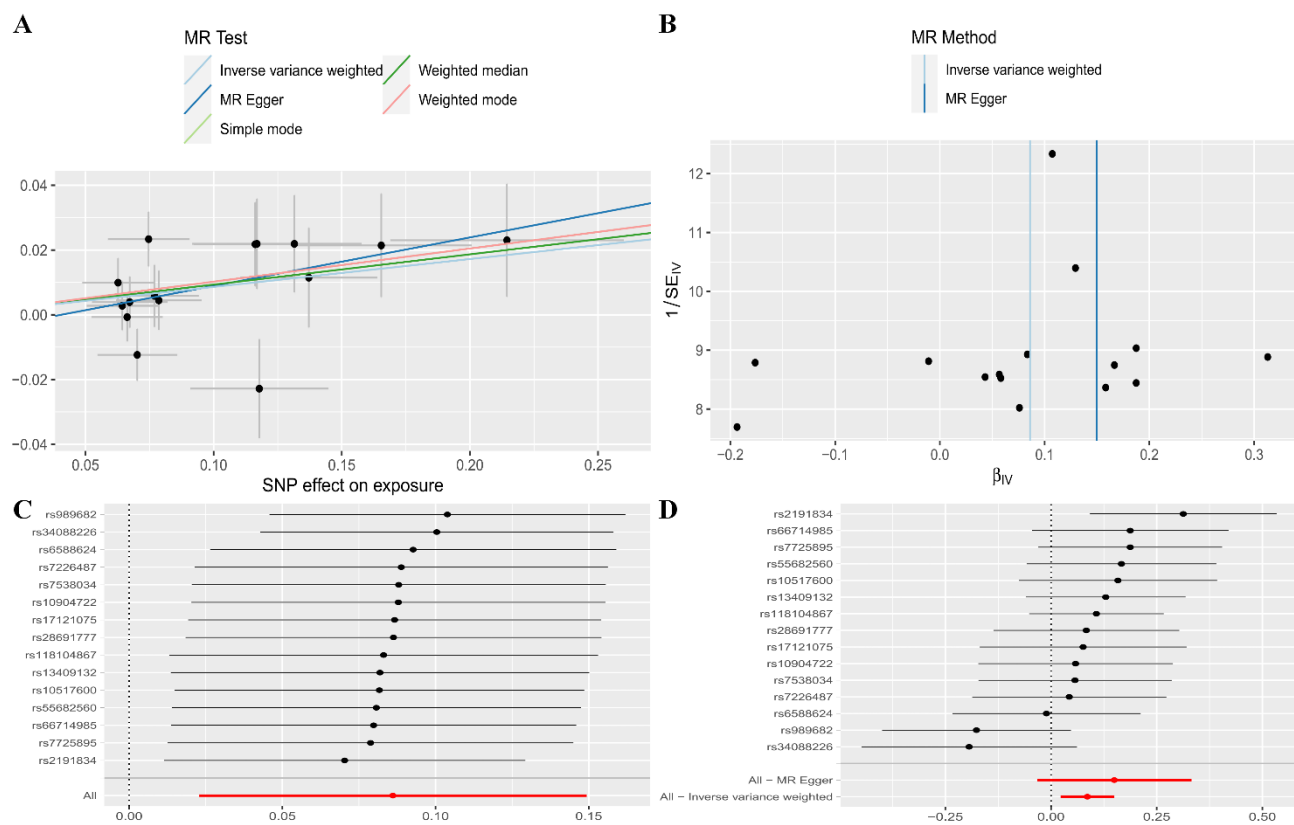


Figure S2. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Clostridiales* *vadin-BB60* group on myocardial infarction risk.

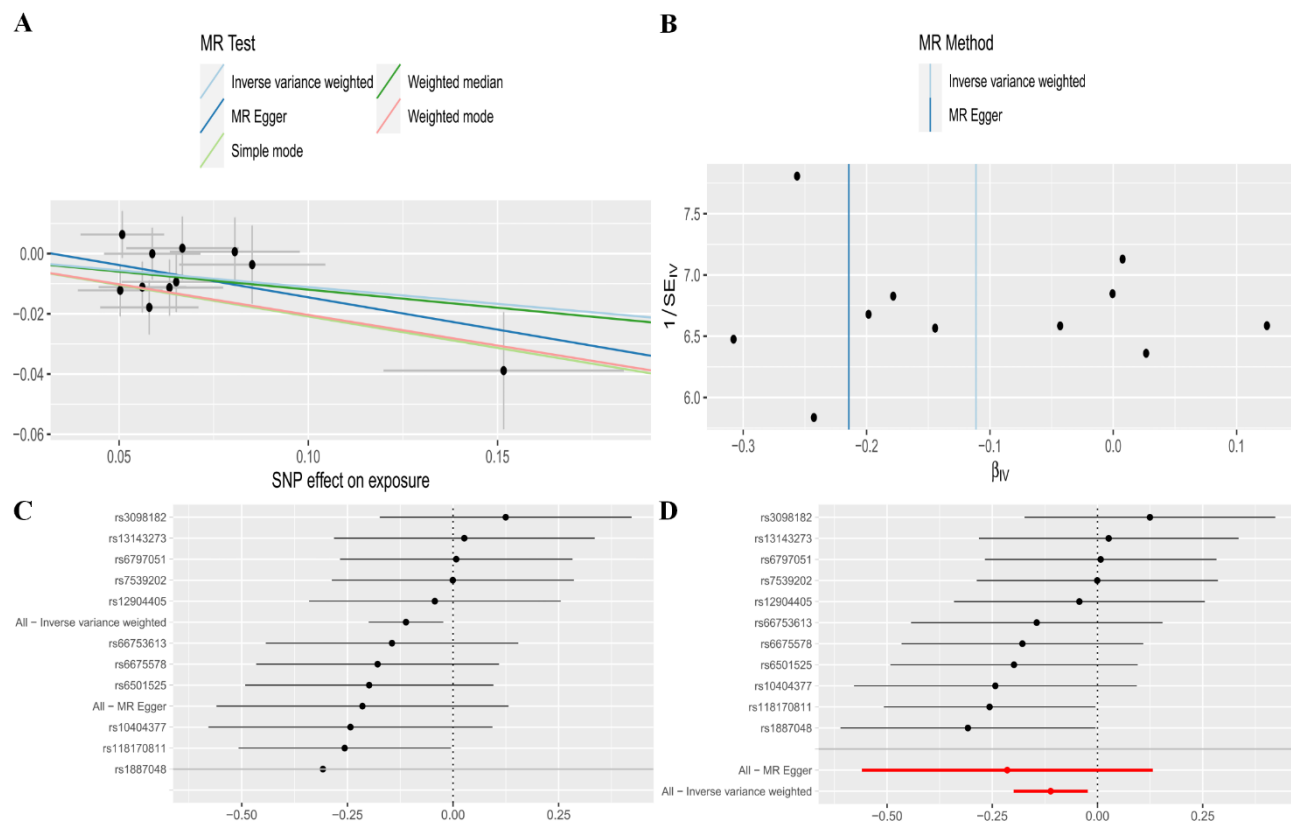


Figure S3. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *FamilyXIII* on myocardial infarction risk.

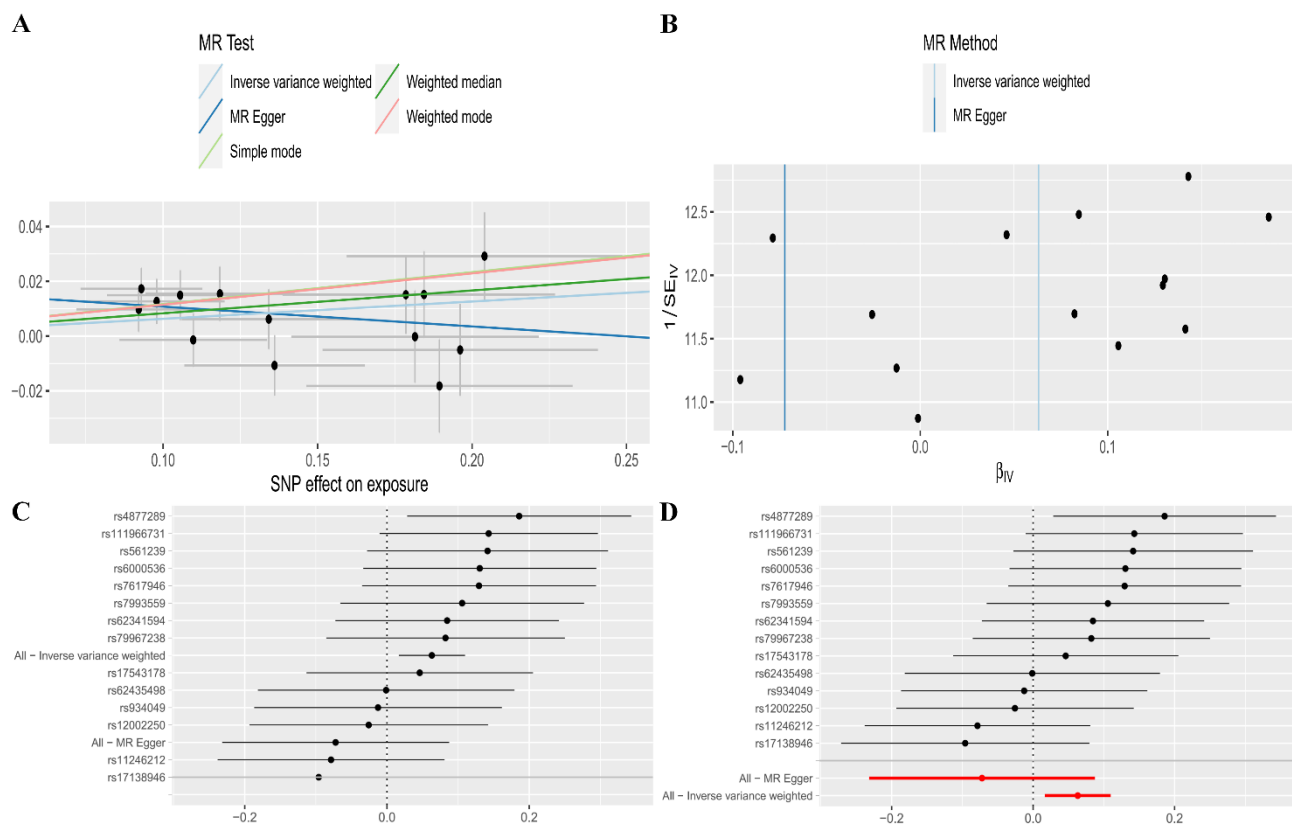


Figure S4. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Oxalobacteraceae* on myocardial infarction risk.

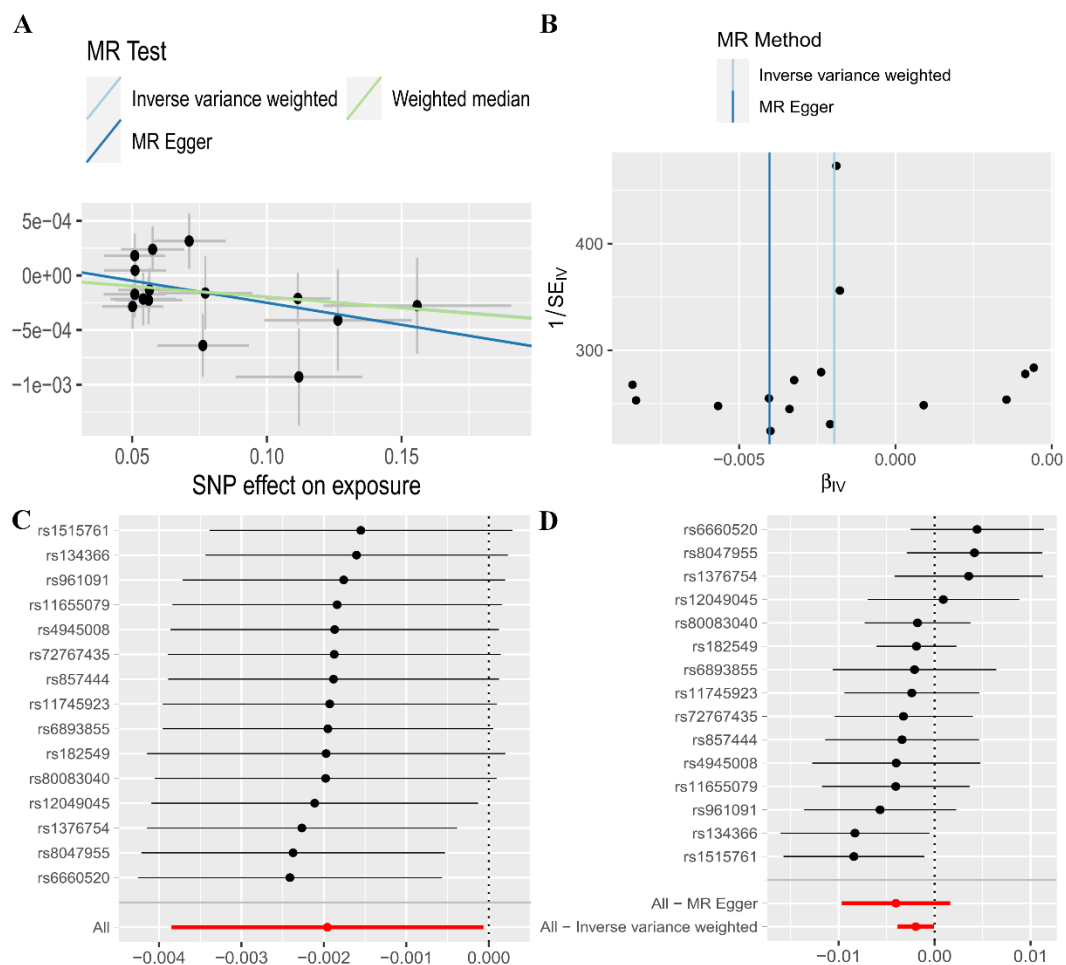


Figure S5. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Actinobacteria* on cerebral infarction risk.

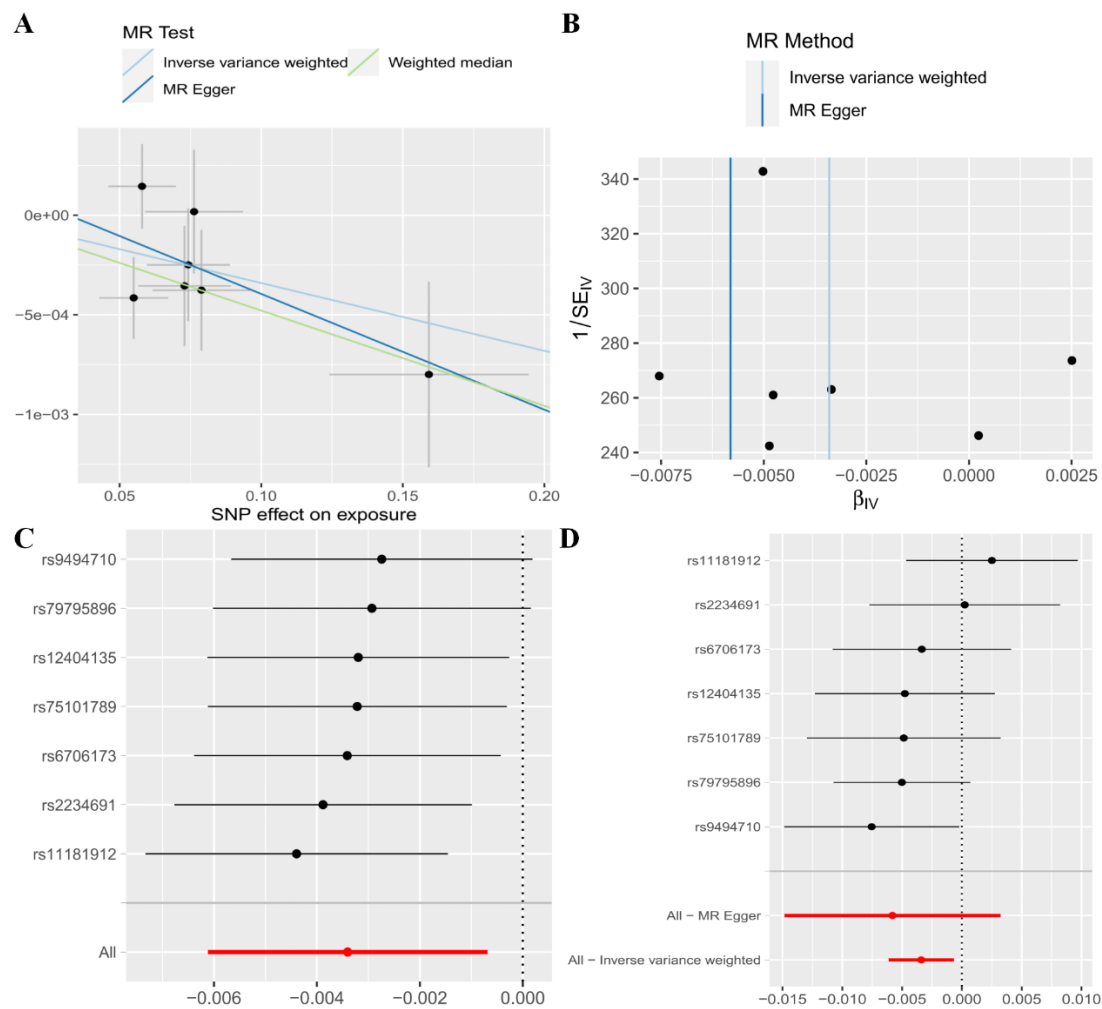


Figure S6. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Gammaproteobacteria* on cerebral infarction risk.

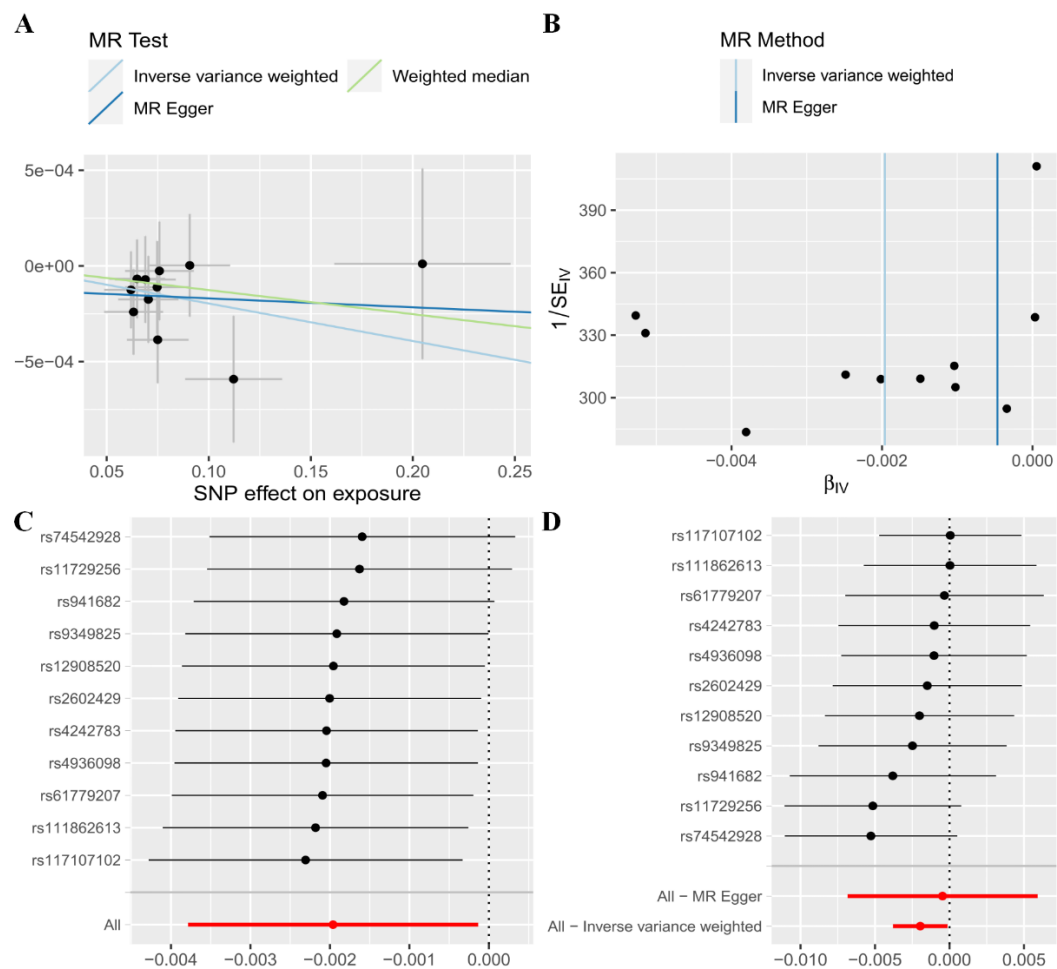


Figure S7. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Verrucomicrobiae* on cerebral infarction risk.

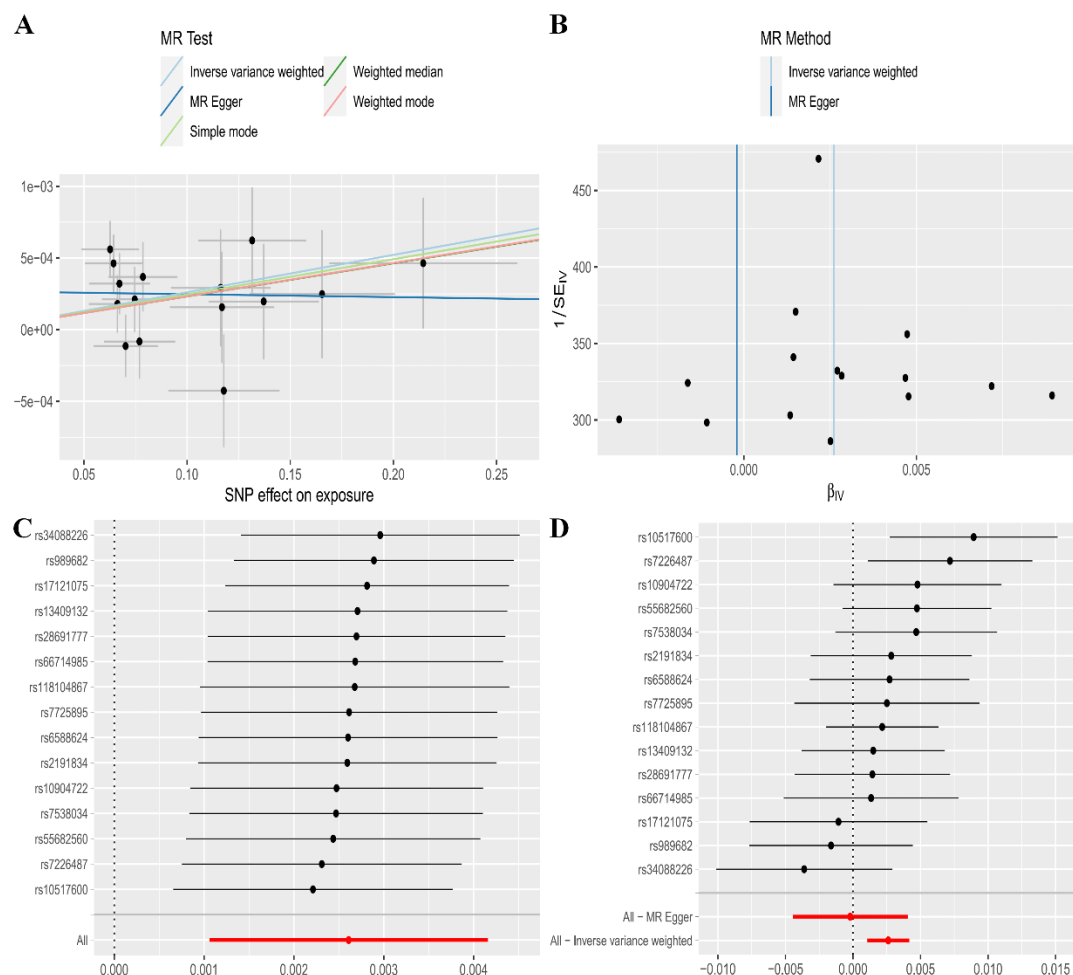


Figure S8. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *ClostridialesvadinBB60group* on cerebral infarction risk.

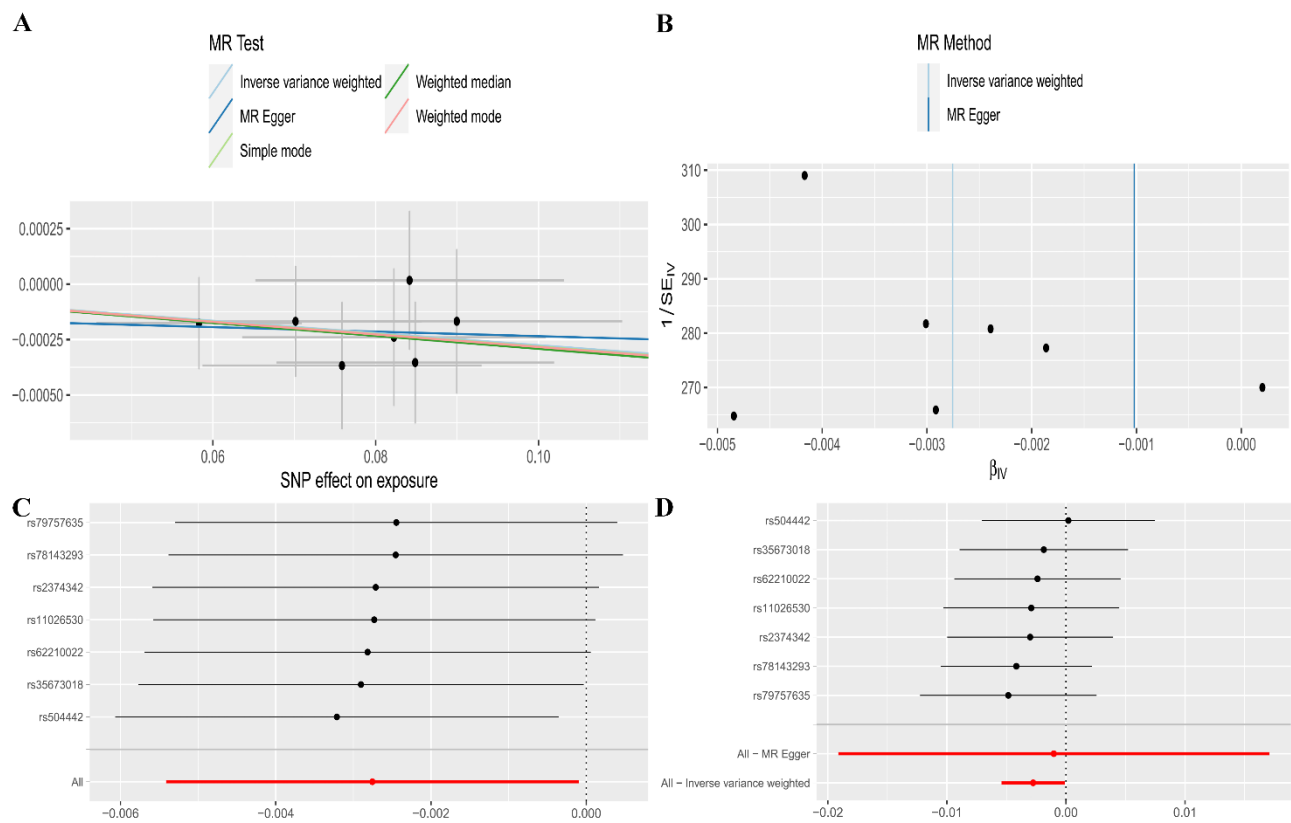


Figure S9. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Enterobacteriaceae* on cerebral infarction risk.

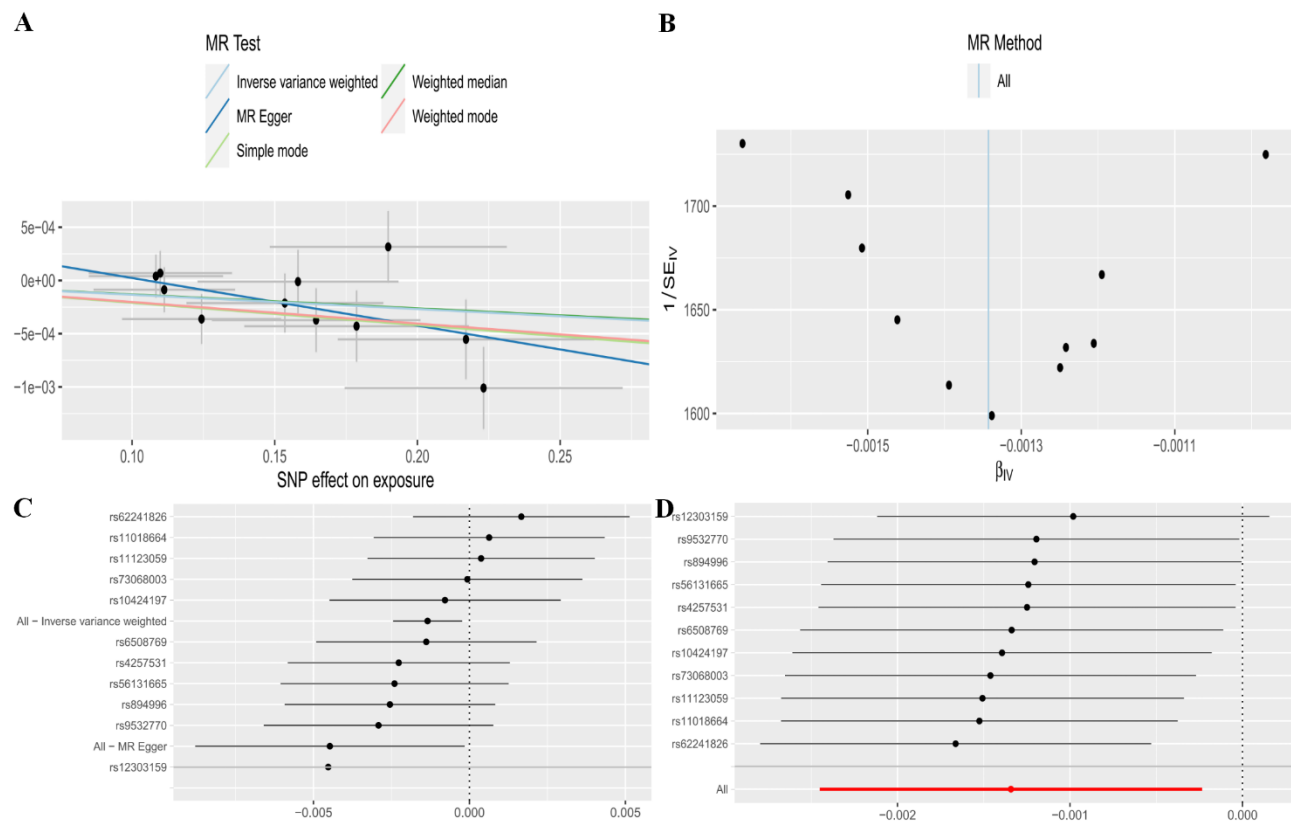


Figure S10. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Methanobacteriaceae* on cerebral infarction risk.

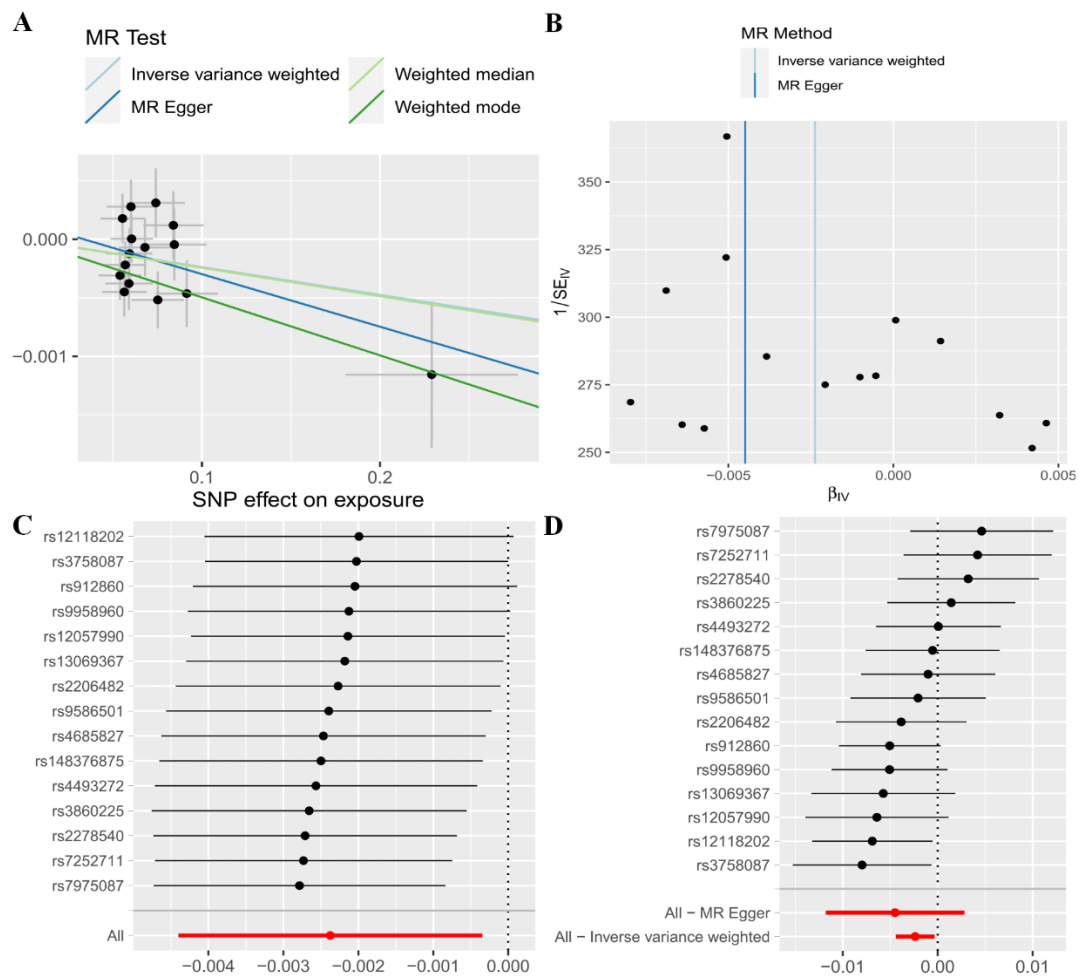


Figure S11. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Prevotellaceae* on cerebral infarction risk.

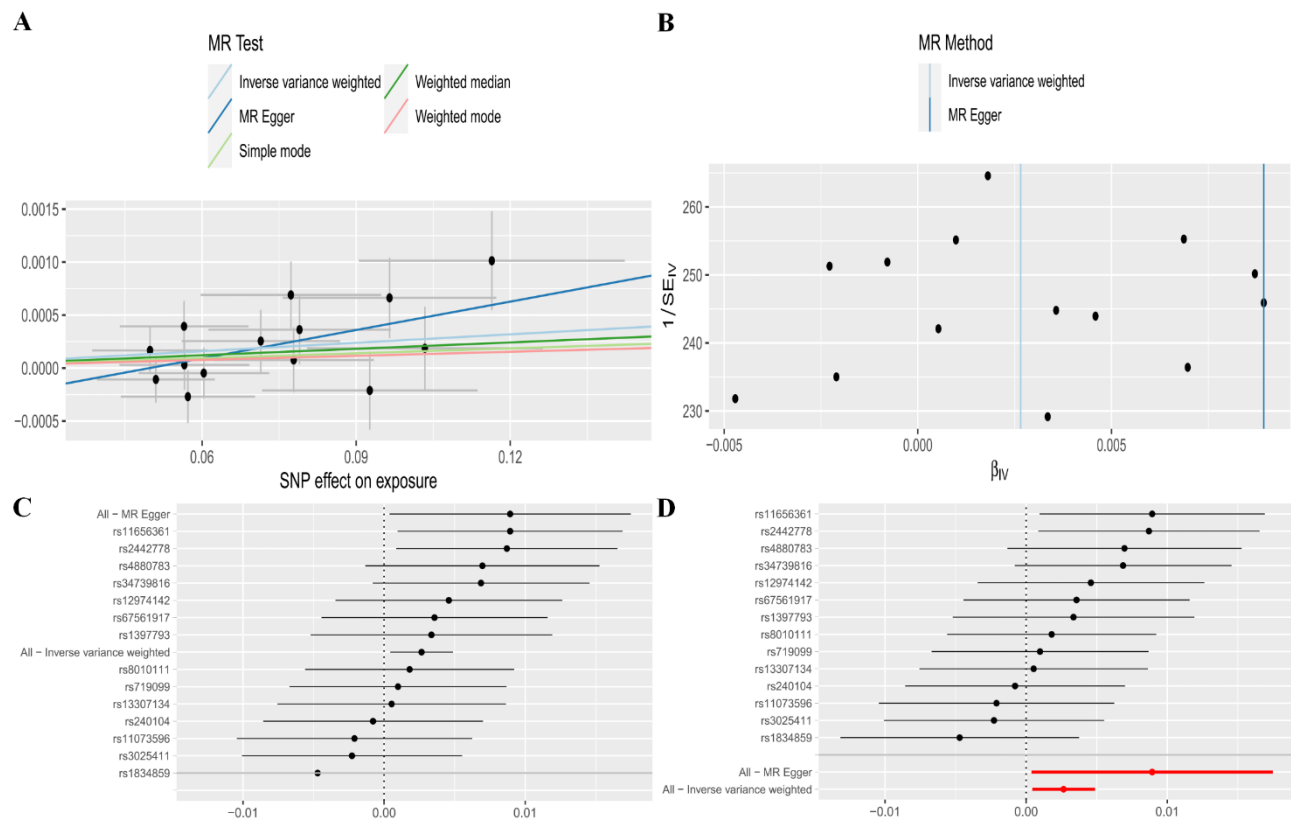


Figure S12. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Coriobacteriales* on cerebral infarction risk.

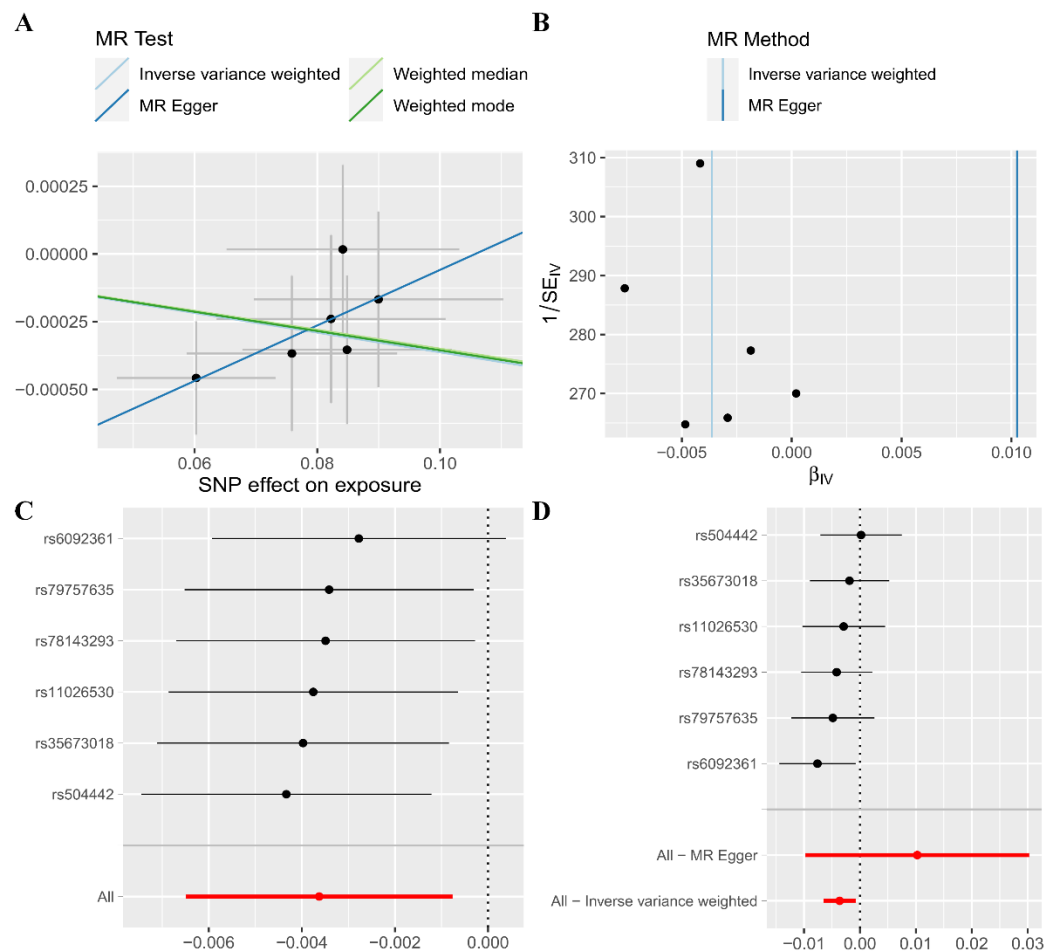


Figure S13. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Enterobacterials* on cerebral infarction risk.

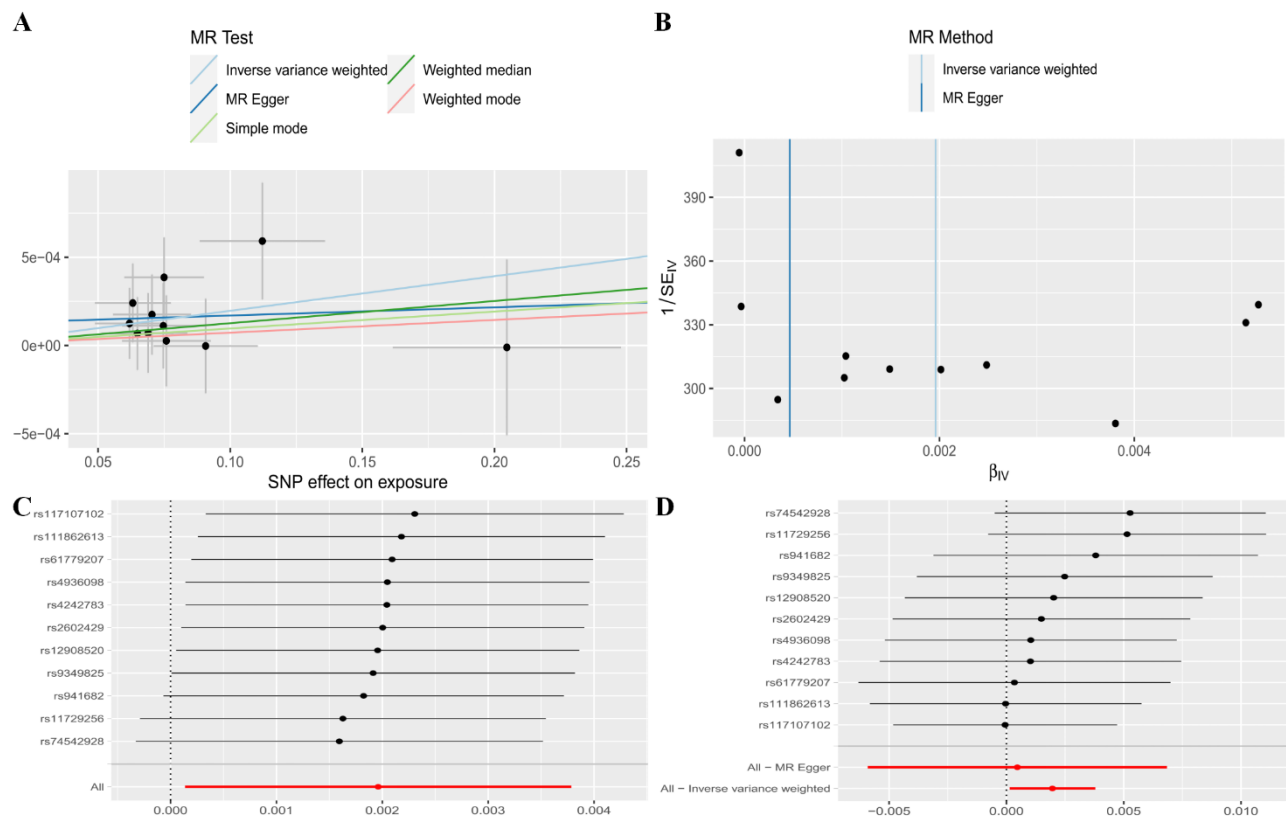


Figure S14. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Verrucomicrobiales* on cerebral infarction risk.

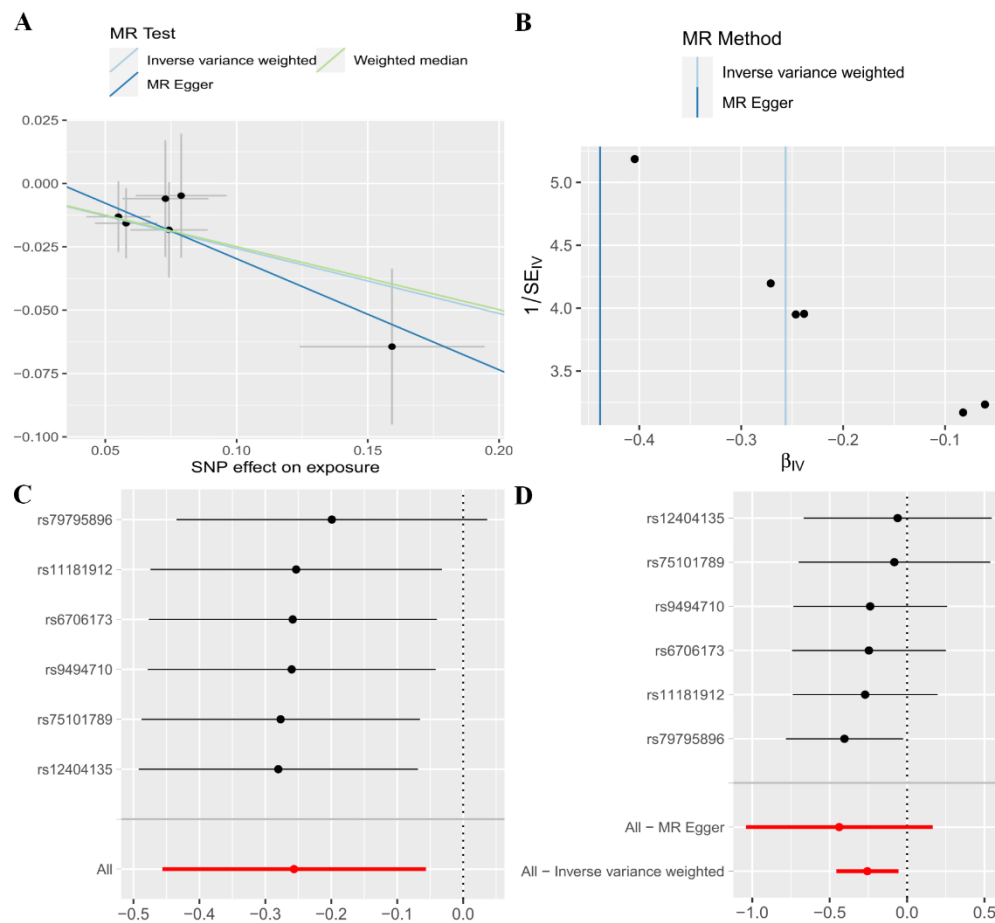


Figure S15. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Gammaproteobacteria* on coronary heart disease risk.

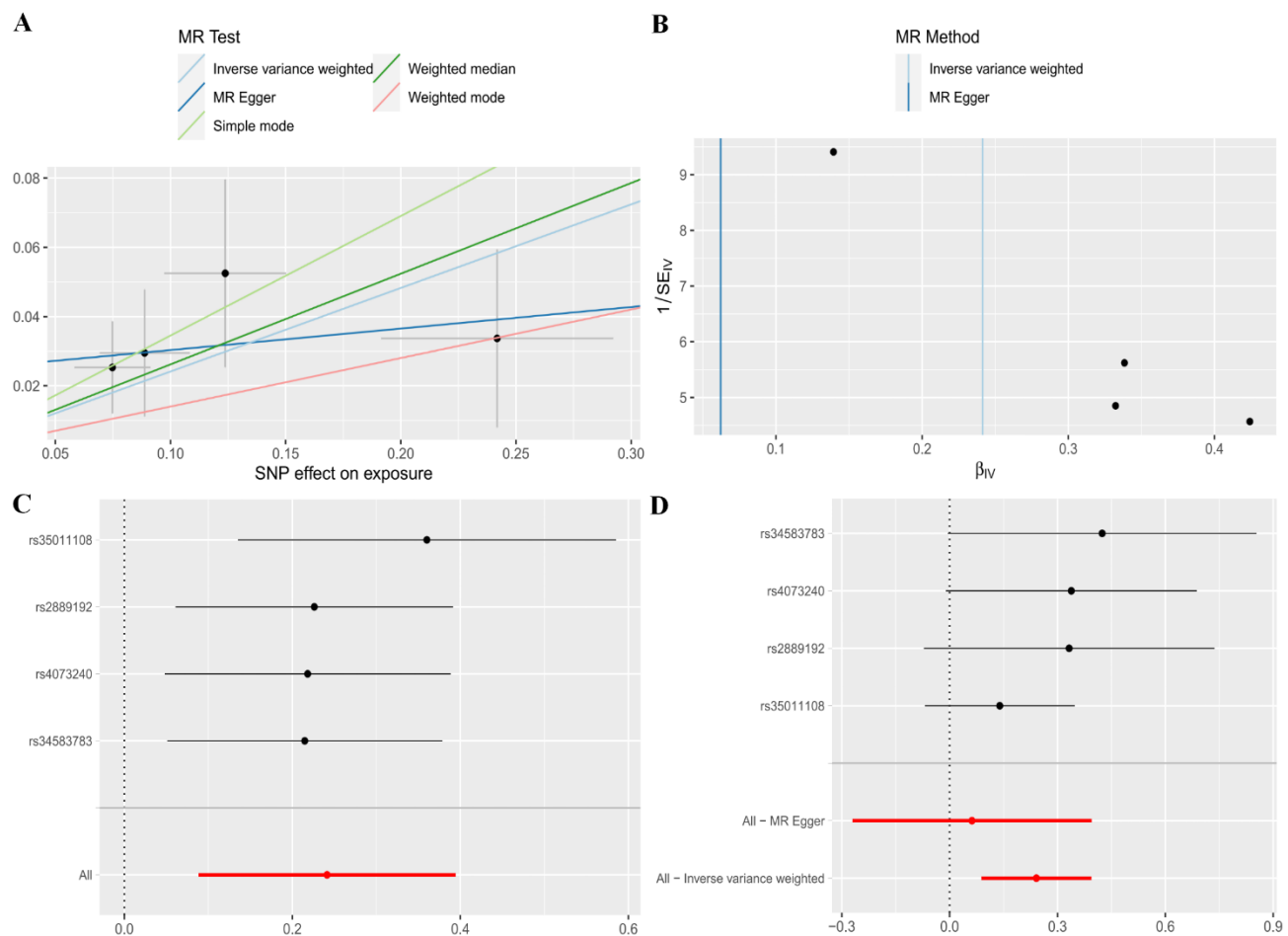


Figure S16. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Actinomycetaceae* on coronary heart disease risk.

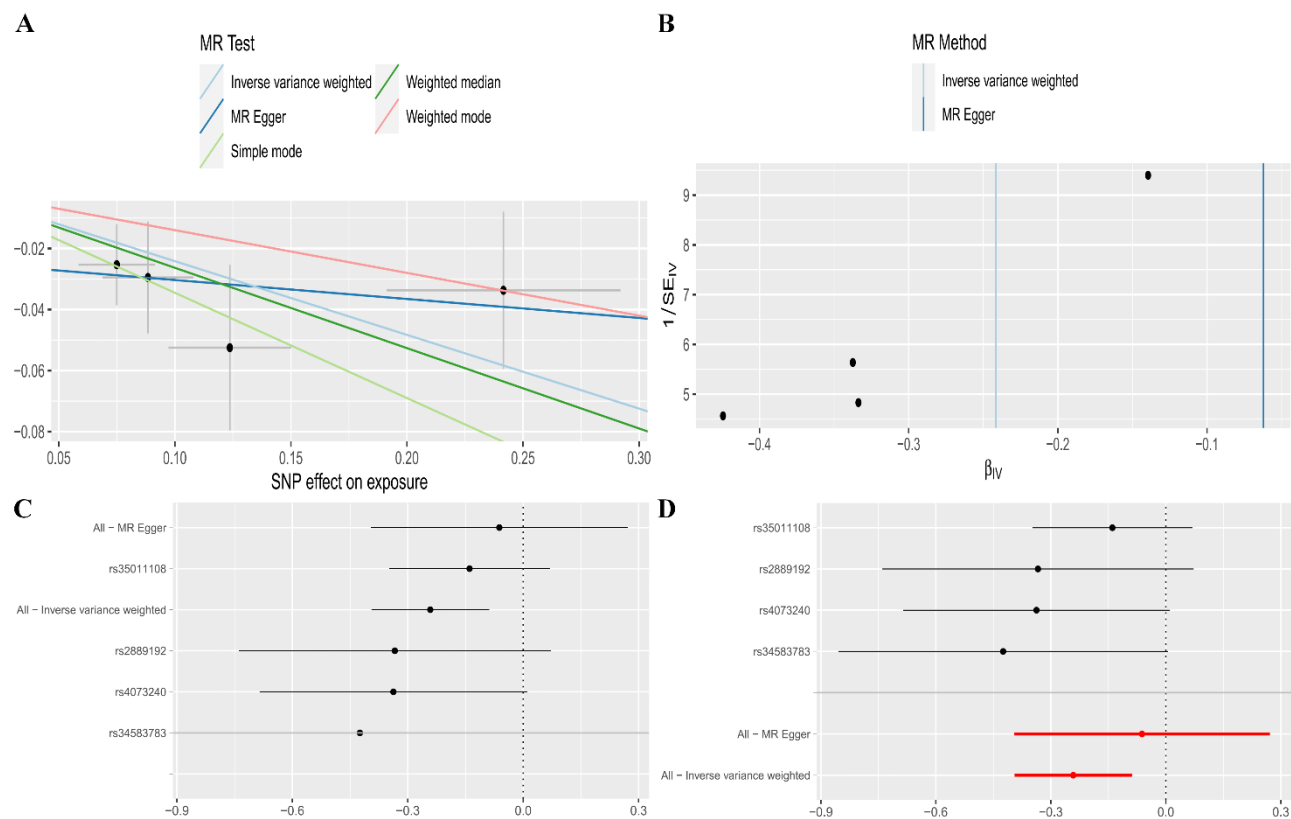


Figure S17. Scatter plot(A), funnel plot (B), leave-one-out plot (C), and forest plot(D) of the causal effect of *Actinomycetales* on coronary heart disease risk.