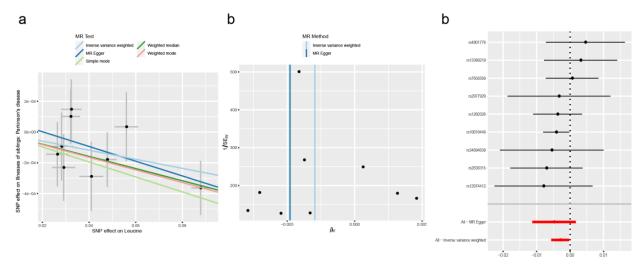
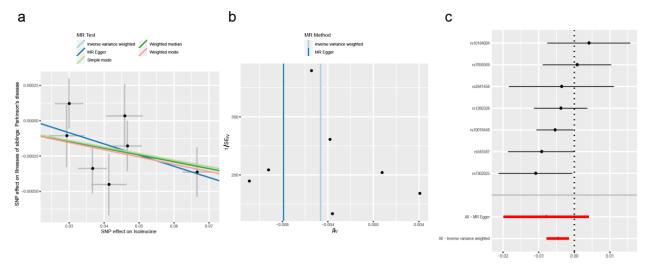
Supplementary Material

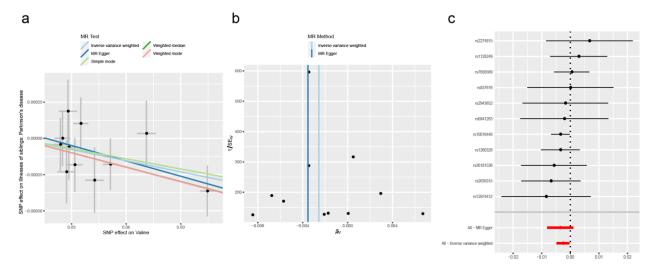
The Associations Among Gut Microbiota, Branched Chain Amino Acids, and Parkinson's Disease: Mendelian Randomization Study



Supplementary Figure 1. The causal effect of leucine on PD risk. (a) Scatter plot, (b) Funnel plot and (c) Forest plot. PD, Parkinson's disease.



Supplementary Figure 2. The causal effect of isoleucine on PD risk. (a) Scatter plot, (b) Funnel plot and (c) Forest plot. PD, Parkinson's disease.



Supplementary Figure 3. The causal effect of valine on PD risk. (a) Scatter plot, (b) Funnel plot and (c) Forest plot. PD, Parkinson's disease.