

Supplemental Materials For Publication

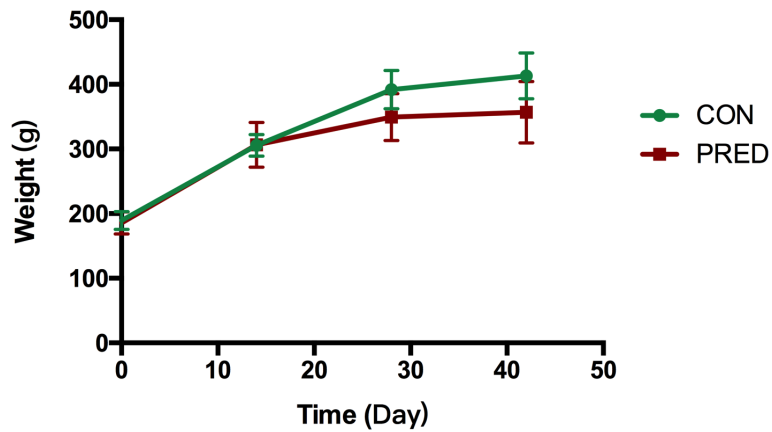


Figure S1 The body weight of rats with and without 6-week prednisone treatment. There is no significant difference between CON and PRED groups. $p > 0.05$. Abbreviations: CON, control group. PRED, prednisone group.

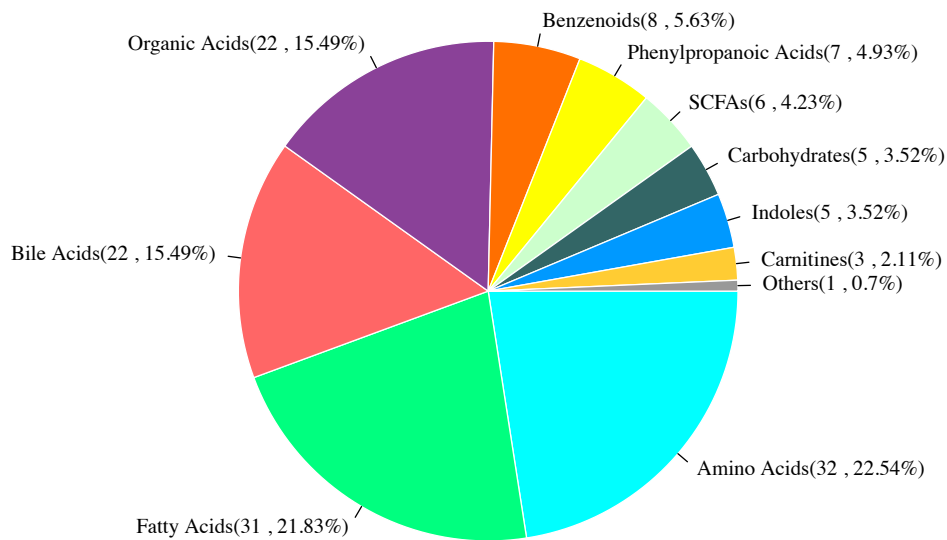


Figure S2 The classification of identified fecal metabolites. They were classified as amino acids, fatty acids, bile acids, organic acids, benzenoid, phenylpropanoic acids, SCFAs, carbohydrates, indoles, carnitines and others.

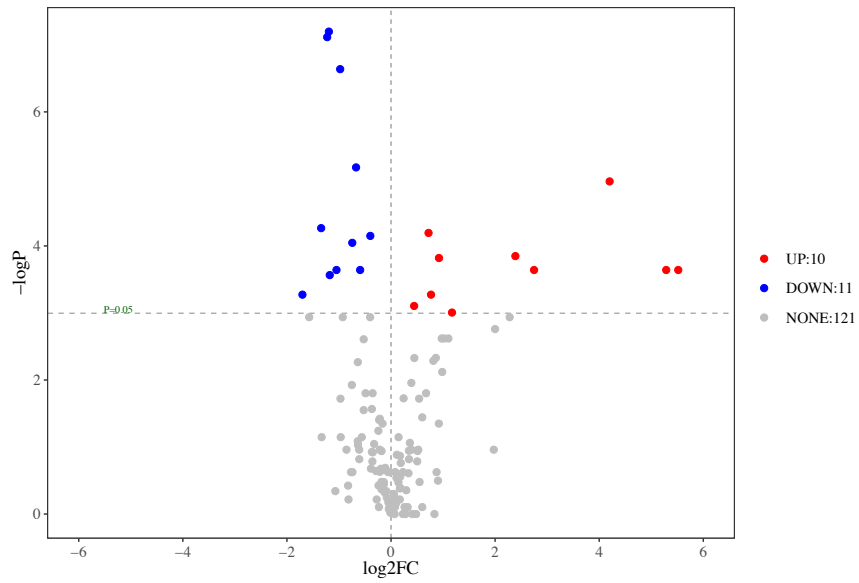


Figure S3 Volcano plot analysis ($P < 0.05$) were used for identifying differential fecal metabolites. Totally 11 downregulated and 10 upregulated fecal metabolites were identified.

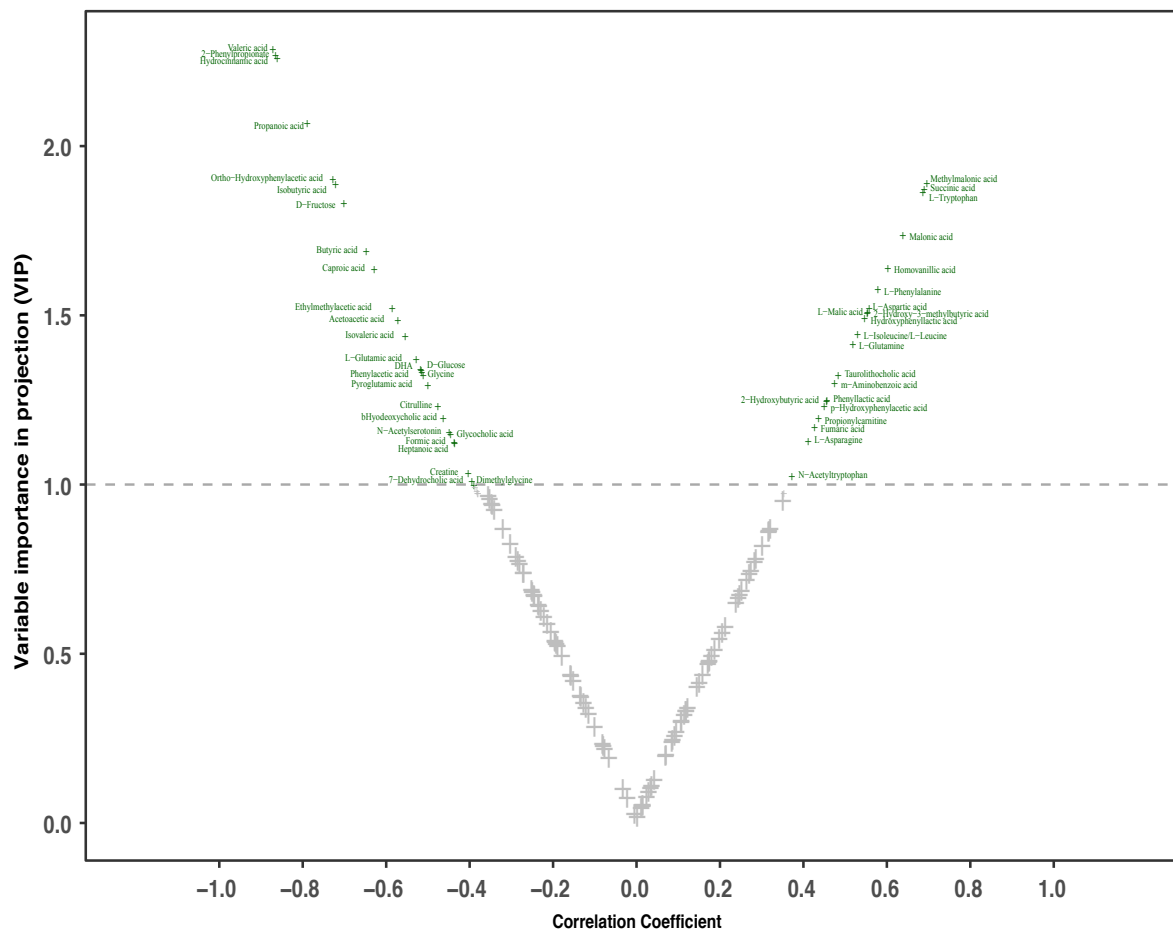


Figure S4 VIP values > 1 and P values < 0.05 were the threshold parameters for selecting differential fecal metabolites.

Supplementary material-1 The detailed information of identified OTUs in rats. Totally 2044 OTUs were detected in rats after 6-week prednisone treatment. Abbreviations: CON, control group. PRED, prednisone group.

Supplementary material-2 The detected fecal metabolites in rats with and without prednisone treatment. Abbreviations: CON, control group. PRED, prednisone group.