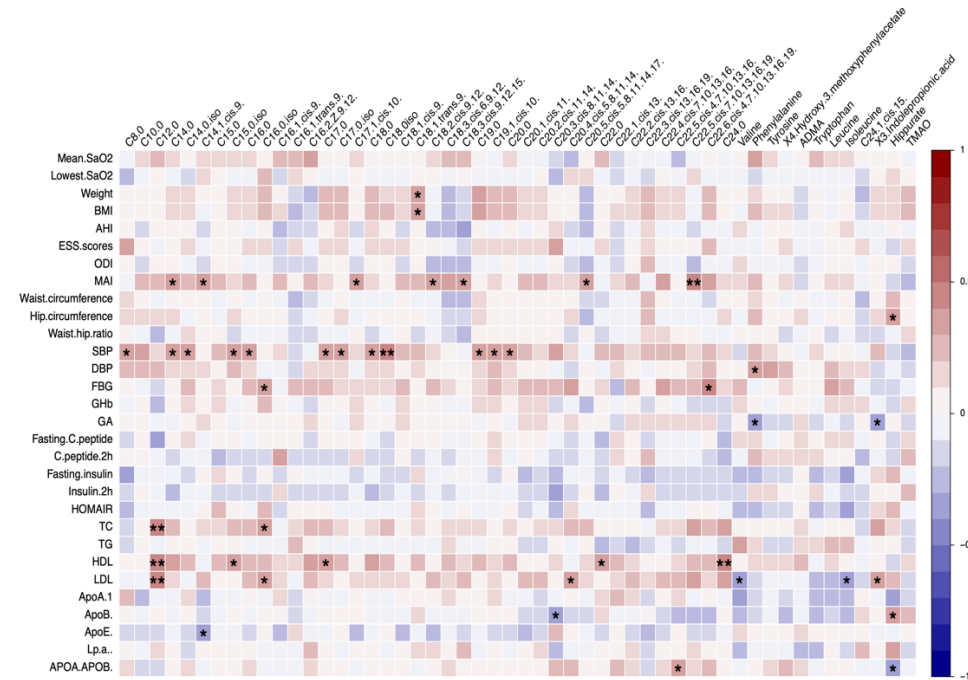


Supplementary Material

1 Supplementary Figures



Supplementary Figure S1. Heatmap based on the Spearman correlation matrix demonstrated clear correlations between the clinical indicators and metabolomic profiles of all patients before and after RYGB.

Abbreviations: RYGB, Roux-en-Y gastric bypass surgery; SaO₂, pulse oxygen saturation; BMI, body mass index; AHI, apnea–hypopnea index;

