

Supplementary Materials:

Table S1 Improvement rate of ITT and PP analysis

Improvement rate	Lp (n,%)	C (n,%)	P value
ITT	44(86.27%)	36(69.23%)	0.038
PP	43(87.8%)	33(70.2%)	0.045

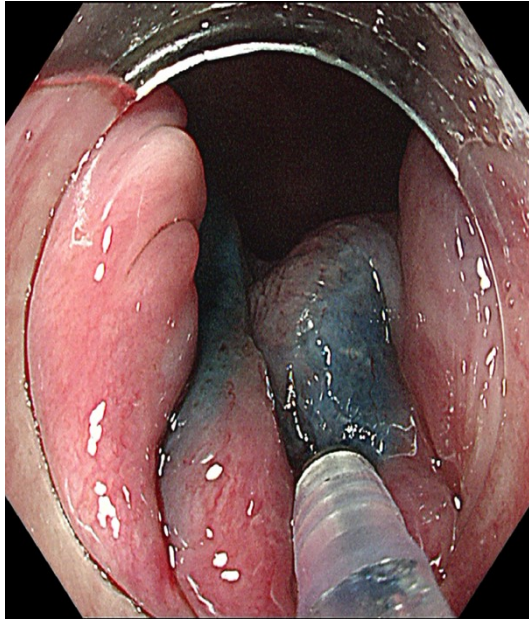


Figure S1 Lauromacrogol injection was injected endoscopically under the mucous membrane of internal hemorrhoids

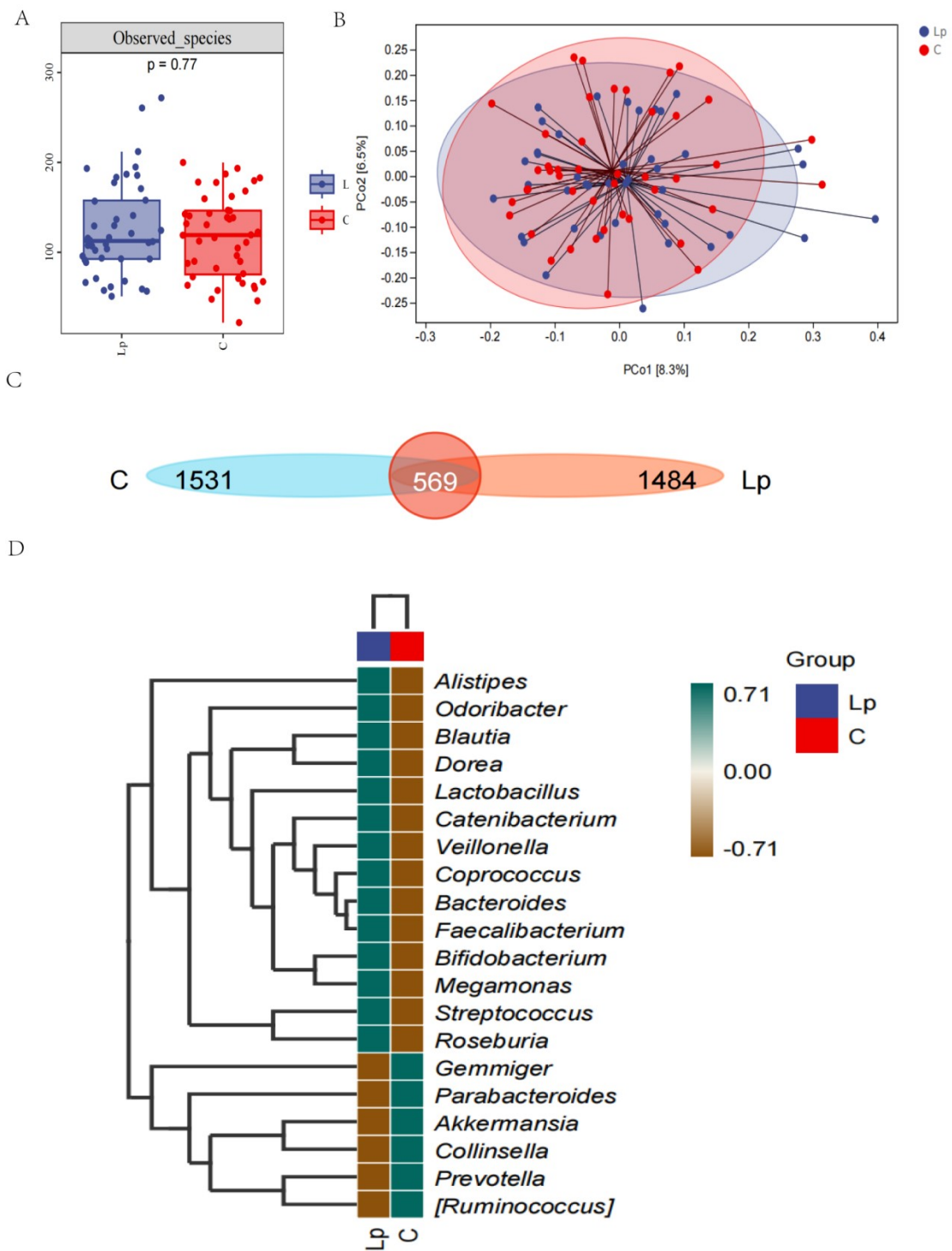


Figure S2 (A) The Observed species index. (B) PCoA of β -diversity based on the Unweighted unifrac distances. (C) The Venn diagram. (D) Clustering heat map.