



Fig. S2. Principal coordinate analysis (PCoA) of bacterial community composition based on unweighted and weighted UniFrac distances according to clinical parameters. (A) Bacterial communities stratified by physician-assessed improvement: baseline (pre-treatment), non-improved (PGAIS 1–2), and improved (PGAIS 3–5). (B) Bacterial communities stratified by subject-reported satisfaction: baseline, non-satisfied (scores 1–2), and satisfied (scores 3–5). No significant differences in community composition were detected by PERMANOVA, and no significant differences in dispersion were detected by dispersion tests.