Table S6: Statistical analysis of beta diversity measures for comparing microbial community composition among different groups (PERMANOVA and PERMDISP results along with PCoA/NMDS parameters).

Taxonomic level	Diversity metric	PERMANOVA			PCoA % variation explained at PC1	% variation explained at PC2	NMDS Stress	PERMDISP-P-value
		Pseudo-F	R²	P-value				
OTU	Bray-Curtis	3.44	0.355	<0.001	24.4	19.9	0.1048	0.519
	Jaccard	2.45	0.282	<0.001	16.7	15.1	0.1048	0.492
	Jensen-Shannon	5.61	0.473	<0.001	36.1	26.1	0.1013	0.580
Phylum	Bray-Curtis	2.85	0.313	0.009	55.1	42.2	0.1165	0.877
	Jaccard	2.89	0.316	0.006	50.0	39.0	0.1165	0.618
	Jensen-Shannon	5.28	0.458	<0.001	78.9	41.1	0.0450	0.218