

Table 2. PERMANOVA analyses of betadiversity bat skin, oral, and gut microbiota versus ectoparasite status (formula: betadiversity distance ~ host family / ectoparasite status, srtata = host family, permutations = 1000; degrees of freedom = 4). Asterisk denotes significance of $\text{Pr}(> F) < 0.05$ with FDR correction.

	β diversity metric	SumIIFsq	R ²	F	Pr(>F)	
Skin	Unweighted UniFrac	1.385	0.022	1.399	0.005	*
	Weighted UniFrac	0.543	0.033	2.288	0.002	*
Oral	Unweighted UniFrac	1.759	0.031	1.750	0.002	*
	Weighted UniFrac	0.162	0.012	0.918	0.510	
Gut	Unweighted UniFrac	1.771	0.032	1.976	0.002	*
	Weighted UniFrac	0.201	0.018	1.144	0.265	