

Variable	Model	df/edf	Ref.df	F	p-value
HIX	UV-only Model: Treatment	1.000000e+00	–	4.440403e+00	0.0453808646
HIX	Microbes-only Model: Treatment	1.000000e+00	–	1.096604e+00	0.3045886311
HIX	UV and microbes Model: Treatment	1.000000e+00	–	4.434364e–01	0.5112814480
HIX	UV-only Model: burned smooth	7.344161e–01	9	3.063958e–01	0.0639772618
HIX	UV-only Model: unburned smooth	2.462069e+00	9	2.322109e+00	0.0004966458
HIX	Microbes-only Model: burned smooth	1.830267e+00	9	9.664860e–01	0.0146118634
HIX	Microbes-only Model: unburned smooth	4.389211e–05	9	6.960380e–07	0.8308012921
HIX	UV and microbes Model: burned smooth	1.763557e+00	9	8.831259e–01	0.0181683223
HIX	UV and microbes Model: unburned smooth	8.726321e–05	9	1.320409e–06	0.8232113655