Variable	Model	df/edf	Ref.df	F	p−value
–	UV−only Model: Treatment	1.000000e+00	–	1.876574e+00	1.816100e−01
–	Microbes−only Model: Treatment	1.000000e+00	–	1.107341e+00	3.037467e−01
–	UV and microbes Model: Treatment	1.000000e+00	–	2.486128e−01	6.228666e−01
–	UV−only Model: burned smooth	5.702092e−05	9	6.761687e−07	9.020086e−01
–	UV−only Model: unburned smooth	2.029288e−05	9	4.128260e−07	8.243360e−01
–	Microbes−only Model: burned smooth	2.534854e+00	9	3.810074e+00	2.777430e−05
–	Microbes−only Model: unburned smooth	2.791332e+00	9	2.864163e+00	2.403247e−04
–	UV and microbes Model: burned smooth	2.612388e+00	9	4.329742e+00	1.222735e−05
–	UV and microbes Model: unburned smooth	2.763048e+00	9	3.364599e+00	8.266753e−05