

Table S-2. Comparison of four eDNA dispersal models with and without samples >1,600 m downstream included.

Model	Full dataset				Distances $\leq$ 1,600 m			
	AIC	RL	R^2 (detection)	R^2 (abundance)	AIC	RL	R^2 (detection)	R^2 (abundance)
Plume	4332.41	1.00	0.27	0.37	4205.30	1.00	0.26	0.35
No plume	4424.20	0.00	0.23	0.32	4278.94	0.00	0.22	0.32
No plume with lag	4400.32	0.00	0.24	0.33	4264.33	0.00	0.23	0.32
Constant	4427.65	0.00	0.23	0.32	4274.94	0.00	0.23	0.32

RL = relative likelihood. For model definitions, see text and **Table 4**.