

TABLE S2 | Coefficients of the Bayesian statistical model used estimate the distribution of fish coloration per water column stratum.

Predictors	Estimate	95% Credible Interval
<i>Group-Level (Phylogeny)</i>		
sd(Intercept: μ_{patches})	3.6	0.6, 12.2
sd(Intercept: μ_{stripes})	5.9	1.0, 22.2
sd(Intercept: $\mu_{\text{silvering}}$)	5.1	1.4, 14.6
<i>Population-Level</i>		
Intercept: μ_{patches}	1.8	-1.7, 9.2
Intercept: μ_{stripes}	-2.8	-8.9, 1.5
Intercept: $\mu_{\text{silvering}}$	-12.6	-39.2, -2.2
μ_{patches} : Water column[Dermersal]	-2.3	-6.8, 0.1
μ_{patches} : Water column[Pelagic]	-15.2	-48.8, -3.3
μ_{stripes} : Water column[Dermersal]	0.9	-2.6, 6.2
μ_{stripes} : Water column[Pelagic]	1.2	-3.6, 6.9
$\mu_{\text{silvering}}$: Water column[Dermersal]	11.6	0.6, 40.1
μ_{patches} : Water column[Pelagic]	16.3	4.4, 47.7



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