

S1 Table. Random effects testing using Likelihood Ratio Test (LRT). The analysed variables are the foraging behaviours (bottom foraging, water column foraging, surface foraging and total foraging) of long-term isolated fish.

<i>Variable</i>	<i>Random effects</i>	<i>Random effects sources</i>	<i>Binomial error distribution (logit link)</i>			<i>Negative binomial error distribution (log link)</i>		
			<i>df</i>	<i>χ²</i>	<i>p-value</i>	<i>df</i>	<i>χ²</i>	<i>p-value</i>
Bottom foraging	Intercept	Individual	1	1.276	0.2586	1	0.148	0.700
Water column foraging	Intercept	Individual	1	0	1	1	0	1
Total foraging	Intercept	Individual	1	1.437	0.231	1	0.594	0.441

p-values < 0.05 are in bold.

Model did not converge for the variable surface foraging, therefore this variable is not included in the table.