

Cochineal Dye Concentration and Treatment Time for Otolith Marking of Japanese Smelt *Hypomesus nippensis* Embryos

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Table 1. The best model on the probability of survival selected by the AIC, using cochineal concentrations, immersion intervals and their interaction as variables.

Model	AIC	Variable	G^2	df	coefficient	SE	p
Model 1	274.9	Concentration	690.79	1	-0.085	0.027	< 0.001
		Immersion interval	470.1	1	-0.026	0.018	< 0.001
		Concentration \times Immersion interval	9.03	1	-0.001	0.097	< 0.01
		Constant			6.677	10.35	

Table 2. The best model on the probability of mark quality selected by the AIC, using cochineal concentrations, immersion intervals and their interaction.

Model	AIC	Δ AIC	Variable	G^2	df	coefficient	SE	P
Model 1	299.7		Concentration	9.526	1	0.029	0.010	< 0.01
			Immersion interval					
			Constant					
Model 2	301.6	1.98	Concentration	9.526	1	0.027	0.015	< 0.01
			Immersion interval					
			Concentration \times Immersion interval	43.766	1	0.045	0.043	< 0.001
			Constant	0.025	1	0.000	0.000	0.875