TABLE S2 | The top five best-ranked regression models (models with the lowest delta and AICc values) evaluating the effect of environmental variables on the variation of the gonadosomatic index of females *Pyrrhulina capim*, sampled from March 2019 to March 2020 in the Guamá River basin, Eastern Amazon, State of Pará, Brazil. Sa, sand; LB, leaf bank; WW, width; Si, silt; FG, fine gravel; CG, coarse gravel; W, wood; R, roots; OM, organic matter; DO, dissolved oxygen; EC, electrical conductivity. Df = degree of freedom, AICc = Corrected Akaike Information Criterion, Δ = delta AICc, w = Akaike weight.

Candidate models	df	logLik	AICc	Δ	w	Intercept
Sa+LB+WW+MO+TD+R+Si	9	-275.138	569.1338	0	0.003	0.877084283
Sa+EC+FG+WW+W+OM+TD+Si	10	-274.193	569.4395	0.3057	0.0026	4.431777046
Sa+LB+WW+OM+DO+TD+R+Si	10	-274.21	569.4725	0.3387	0.0025	-1.181007207
Sa+FG+WW+W+MO+TD+Si	9	-275.333	569.5226	0.3888	0.0025	0.833442753
Sa+LB+EC+CG+WW+OM+TD+R+Si	11	-273.144	569.5575	0.4237	0.0024	3.545353297

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