

Table S2: Single predictor intrinsic and extrinsic effects on clutch size across precocial species (N = 864) and altricial species (N = 4,426). Cross-species models are linear models, Nested phylogenetic models are mixed effects models with each predictor as fixed effect and Order and Family (nested in Order) as random effects representing clade membership. Within each subgroup, all AIC values are comparable and best models are marked in bold. For other details see Table 1.

	Cross-species								Nested phylogenetic											
	precocial				altricial				precocial						altricial					
	b	t	AIC	r ²	b	t	AIC	r ²	b	t	AIC	r ² fixed	r ² Order	r ² Family	b	t	AIC	r ² fixed	r ² Order	r ² Family
<i>Null</i>			114	0.00			-3029				-659		0.42	0.66			-4923		0.09	0.39
	intrinsic				intrinsic				intrinsic						intrinsic					
<i>Mass</i>	0.09	6.44	75	0.05	-0.04	-9.14	-3134	0.02	-0.01	-0.84	-652	0.05	0.43	0.66	-0.05	-8.34	-4981	0.02	0.02	0.40
<i>Nest type</i>	0.06	4.67	94	0.02	0.04	14.03	-3242	0.04	-0.04	-4.13	-667	0.02	0.42	0.67	0.02	3.74	-4924	0.04	0.04	0.40
<i>Diet</i>			-118	0.24			-3501	0.10			-711	0.09	0.47	0.69			-5134	0.09	0.09	0.43
<i>Migrant</i>	0.02	1.30	114	0.00	0.15	24.92	-3632	0.12	0.07	5.39	-679	0.00	0.44	0.67	0.14	26.87	-5581	0.12	0.12	0.48
	extrinsic				extrinsic				extrinsic						extrinsic					
<i>Abs. Latitude</i>	0.00	8.24	50	0.07	0.01	38.22	-4314	0.25	0.00	8.99	-720	0.07	0.46	0.69	0.01	39.54	-6242	0.25	0.26	0.55
<i>Temp_{Avg}</i>	-1.36	-7.33	63	0.06	-2.82	-33.04	-4027	0.20	-0.99	-6.53	-697	0.06	0.45	0.68	-2.36	-31.75	-5826	0.20	0.20	0.51
<i>Prec_{Total}</i>	-0.12	-4.34	97	0.02	-0.20	-26.04	-3682	0.13	-0.18	-9.35	-734	0.02	0.44	0.69	-0.17	-25.26	-5509	0.13	0.13	0.47
<i>NPP_{Total}</i>	0.00	-5.52	86	0.03	0.00	-30.16	-3877	0.17	0.00	-10.35	-740	0.03	0.45	0.70	0.00	-29.39	-5687	0.17	0.17	0.49
<i>NPP_{Max}</i>	0.00	-0.13	115	0.00	0.00	-9.84	-3145	0.02	0.00	-3.46	-653	0.00	0.42	0.66	0.00	-10.61	-5012	0.02	0.02	0.41
<i>1 - (NPP_{Min} / NPP_{Max})</i>	0.25	6.60	73	0.05	0.30	34.22	-4090	0.21	0.30	11.96	-784	0.05	0.46	0.71	-0.24	-31.33	-5800	0.21	0.21	0.50
<i>Temp_{Max} - Temp_{Min}</i>	0.21	9.33	32	0.09	0.25	42.29	-4553	0.29	0.21	13.67	-819	0.09	0.49	0.72	0.23	42.69	-6438	0.29	0.29	0.57
<i>Realm</i>			37	0.10			-4094	0.21			-685	0.08	0.45	0.69			-5737	0.20	0.20	0.50