

Appendix 4: Summary of linear mixed models testing the relationship of tarsus length, beak shape, and proportion of downy section (dorsal) with elevation binned into 4 categories, >1000, 1000-2000, 2000-3000, >3000 to control for spatial autocorrelation.

	Estimate	Standard Error	df	t value	P
Tarsus length ~ Elevation + (1 Location)					
Intercept	16.76	0.22	9.2	76.79	<0.001
Elevation>3000 m	0.73	0.33	8.8	2.23	0.05
2000-3000 m	0.32	0.37	12.8	0.87	0.40
1000-2000 m	0.32	0.32	8.2	1.01	0.34
Beak Shape (BL/BH) ~ Elevation + (1 Location)					
Intercept	1.48	0.03	7.5	51.15	<0.001
Elevation>3000 m	0.17	0.04	7.1	3.78	0.007
2000-3000 m	-0.01	0.05	12.2	-0.39	0.08
1000-2000 m	0.09	0.04	6.5	2.10	0.71
PDL (Dorsal) ~ Elevation + (1 Location)					
Intercept	0.67	0.01	6.3	133.22	<0.001
Elevation>3000 m	0.02	0.01	5.2	2.87	0.03
2000-3000 m	-0.01	0.01	13.9	-0.55	0.59
1000-2000 m	-0.01	0.01	4.4	-0.37	0.73