

Appendix 3. Model output from a generalized linear mixed-effects model, using the distance moved per hour ($m\ hr^{-1}$) as response, in Kori bustard ($n=8$) located in Greater Serengeti-Mara Ecosystem in 2013 and 2014. The model contained “Time-of-day” (3 levels: Morning, Afternoon and Night) and Month (8 levels: March-October) as fixed effects, and a random effect (individual identity). Morning and March were selected as reference levels.

	Estimate	SE	Z	P
Intercept	5.59	0.16	35.16	< 0.001 ***
Time-of-day(Afternoon)	-0.42	0.04	-9.65	< 0.001 ***
Time-of-day(Night)	-2.41	0.08	-29.27	< 0.001 ***
Month(Apr)	0.15	0.08	1.92	0.056 .
Month(May)	-0.02	0.08	-0.30	0.764
Month(Jun)	0.31	0.08	4.09	< 0.001 ***
Month(Jul)	0.27	0.08	3.55	< 0.001 ***
Month(Aug)	0.42	0.08	5.51	< 0.001 ***
Month(Sep)	0.24	0.08	2.87	0.004 **
Month(Oct)	0.47	0.14	3.38	< 0.001 ***