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SUPPLEMENTARY MATERIAL

Individual variation in vigilance in female eastern grey kangaroos

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Supplementary Table 1. Statistical results for analyses of total proportion of time spent in vigilance

	Estimate	MCMC ¹	HPD95 ²	HPD95 ³	pMCMC ⁴
		mean	lower	upper	
(intercept)	0.2957	0.2961	0.2589	0.3341	0.0000
Male presence/absence	0.0272	0.0269	-0.0562	0.1110	0.5290
Group size	-0.0163	-0.0162	-0.0257	-0.0064	0.0008
Wind	0.0099	0.0096	-0.0019	0.0211	0.1015
Male pres/abs:group size	0.0124	0.0124	-0.0047	0.0295	0.1554
Male pres/abs: wind	0.0015	0.0025	-0.0292	0.0348	0.8748
Group size:wind	0.0009	0.0010	-0.0023	0.0043	0.5709
Male pres/abs:wind:group size	-0.0030	-0.0032	-0.0107	0.0039	0.3830

¹ Markov Chain Monte Carlo

² 95% highest probability density interval

³ 5% highest probability density interval

⁴ Probability

Supplementary Table 2. Statistical results for analyses of proportion of vigilance time spent in lower intensity vigilance posture

	Estimate	MCMC ¹	HPD95 ²	HPD95 ³	pMCMC ⁴
		mean	lower	upper	
(intercept)	0.9315	0.9326	0.8092	1.0560	0.0000
Male presence/absence	-0.1854	-0.1890	-0.4722	0.0901	0.1870
Group size	0.0260	0.0250	-0.0099	0.0613	0.1645
Wind	-0.0249	-0.0248	-0.0644	0.0154	0.2213
Male pres/abs:group size	0.0089	0.0101	-0.0430	0.0613	0.7025
Male pres/abs: wind	0.0175	0.0163	-0.0367	0.0704	0.5500
Group size:wind	0.0024	-0.0025	-0.0089	0.0134	0.6640

¹ Markov Chain Monte Carlo

² 95% highest probability density interval

³ 5% highest probability density interval

⁴ Probability

Supplementary Table 3. Statistical results for analyses of the proportion of vigilance time that females on the periphery of their groups spent in social vigilance

	Estimate	MCMC ¹	HPD95 ²	HPD95 ³	pMCMC ⁴
		mean	lower	upper	
(intercept)	0.0016	0.0019	-0.0124	0.0159	0.7967
Group size	0.0097	0.0095	0.0052	0.0141	0.0001
Male presence/absence	0.1456	0.1520	0.1138	0.1911	0.0000
Wind	0.0033	0.0030	-0.0020	0.0082	0.2413
Male pres/abs:group size	-0.0184	-0.0185	-0.0253	-0.0117	0.0000
Group size:wind	-0.0018	0.0017	-0.0031	-0.0002	0.0221
Male pres/abs: wind	0.0100	0.0086	0.0015	0.0158	0.0178

¹ Markov Chain Monte Carlo

² 95% highest probability density interval

³ 5% highest probability density interval

⁴ Probability