

## **Physiological stress response of African elephants to wildlife tourism in Madikwe Game Reserve, South Africa**

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**Table S1.** GLMM results of the fixed effects on faecal glucocorticoid metabolites of African elephants *Loxodonta africana* in Madikwe Game Reserve, assessed with a Kenward-Roger approximation.

<sup>a</sup>SE=Standard error, <sup>b</sup>df=Degrees of Freedom, significant effects in bold

Fixed effect (reference level)	Level	Estimate ± SE <sup>a</sup>	df <sup>b</sup>	F	p-value
Intercept		0.340 ± 0.05			
<b>Tourist</b>		<b>0.092 ± 0.04</b>	<b>32.22</b>	<b>6.23</b>	<b>0.02</b>
Season (Dry)	Wet	0.043 ± 0.03	29.63	1.48	0.23
Sex (Female)	Male	-0.001 ± 0.07	9.22	0.00	0.99
Age (Adult)	Calf	0.082 ± 0.11	10.15	0.50	0.62
	Juvenile	-0.161 ± 0.16			
Hour		-0.033 ± 0.03	30.29	1.14	0.29