

SUPPLEMENTARY INFORMATION

**Whispers in the night: an experimental approach to understanding
low-amplitude signalling in tropical screech-owls**

Luis Felipe Peixoto, Luiz P. Gonzaga, Paulo C. Paiva, Fábio Hepp

Table S1 Pearson correlation coefficients among the three response variables used in mixed-model analyses of experiment I ($n = 26$ trials)

	Number of phrases	Mean phrase duration	Mean interval duration
Number of phrases	1.00		
Mean phrase duration	0.43	1.00	
Mean interval duration	-0.20	-0.29	1.00

Table S2 Results of the supplementary linear mixed-effects model on the first principal component (PC1) of the three response variables analysed in experiment I (Number of phrases, Mean phrase duration, Mean interval duration). PC1 was used as a composite measure of low-amplitude signalling effort. Trial type (audio only vs audio+mount) was the fixed effect, with sampling point included as a random intercept ($n = 26$ trials at 11 sampling points). PC1 (53.9% of variance) loadings: Number of phrases = 0.595, Mean phrase duration = 0.639, Mean interval duration = -0.488 (signs inverted for interpretability). Coefficients are reported relative to the reference level "audio+mount"; degrees of freedom were estimated using the Satterthwaite approximation

Fixed effect	Estimate (β)	SE	df	t	P
Intercept	-0.461	0.335	16.33	-1.38	0.187
Trial type [audio only]	1.195	0.450	23.44	2.66	0.014