Supplementary material for the manuscript

Inter-sexual multimodal communication during mating in wild geladas: the leading role of females

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Table ESM 1 Temporal and spectral parameters of the f_0 contour extracted for female pre-copulation calls (n = 437), female copulation calls (n = 266), female inhaled grunts (n = 202), female post-copulation calls (n = 369), and female end-copulation calls (n = 56).

Abbreviation	Parameter
F0min	Minimum f_0
F0max	Maximum f_0
F0mean	Mean f_0
F0sd	f_0 standard deviation
Pt2max	Percentage of time to maximum f_0
Pt2min	Percentage of time to minimum f_0
inflex	Sum of the total inflexion degree divided by the call's duration
sumvar	f_0 cumulative variation (Reby and McComb 2003)
F0 abs slope	Decline of the f_0 over time measured in Hz/s
F0 var	Mean f_0 variation per second
Fm rate	Number of complete cycles of f_0 modulation per second (Charlton et al. 2018)
Fm extent	Average peak-to-peak variation of each f_0 modulation (Charlton et al. 2018)
F0 range sts	Difference between the logarithm of maximum f_0 and the logarithm of minimum f_0 multiply by twelve
Q25	Frequency value at the upper limit of the first quartile of energy
Q50	Frequency value at the upper limit of the second quartile of energy
Q75	Frequency value at the upper limit of the sthird quartile of energy
Ef peak	Time point of the frequency peak relative to the total duration
Perc Ef peak	Percentage of the time point of the frequency peak relative to the total duration