

Supplementary materials

2022-11-05

Table 1: Descriptive statistics of all contributing teams and their acoustic and statistical analyses. The summary includes data from 46 teams and 159 analysts.

Team characteristics		Range	Median
	Team size	1.0 – 12.0	3.0
	Years after PhD	-3.8 – 16.0	4.7
	Prior belief	46.4 – 92.8	70.0
	Acoustic analysis peer rating	36.5 – 90.0	75.0
	Statistical analysis peer rating	22.5 – 95.0	72.5
	Overall peer rating	20.0 – 91.5	72.5
Acoustic analyses		n	%
Outcome	F0	51	35.9
	Duration	41	28.9
	Intensity	19	13.4
	Formants	18	12.7
	Multivariate	1	0.7
	Other	12	8.5
Temporal window	Word	60	42.9
	Segment	60	42.9
	Phrase	7	5.0
	Sentence	6	4.3
	Pause	1	0.7
	Other	6	4.3
Typicality operationalization	Categorical	95	69.3
	Continuous (mean)	33	24.1
	Ordinal	5	3.6
	Continuous (median)	3	2.2
	Other	1	0.7
Statistical analyses		n	%
Framework	Frequentist	108	76.1
	Bayesian	27	19.0
	Other	7	4.9
Model	Linear model	125	88.0
	GAM	12	8.5
	Machine learning	3	2.1
	Other	2	1.4
N		Range	Median
	Models	1 – 16	2
	Predictors	1 – 7	2
	Random terms	1 – 10	2
	Intercept	1 – 10	2
	Slope	0 – 5	0