

Supplementary materials

2022-11-02

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	Mean (SD)
	Team size	1.0 – 12.0	3.5 (2.4)
	Years after PhD	-3.8 – 16.0	4.6 (4.3)
	Prior belief	46.4 – 92.8	69.3 (12.6)
	Acoustic analysis peer rating	41.2 – 88.3	70.4 (13.8)
	Statistical analysis peer rating	33.0 – 93.3	68.6 (15.9)
	Overall peer rating	32.7 – 88.7	67.9 (14.7)
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	Mean (SD)
	Models	1 – 16	3.1 (3.0)
	Predictors	1 – 7	2.0 (1.3)
	Random terms	1 – 10	2.5 (1.3)
	Intercept	1 – 10	1.9 (0.9)
	Slope	0 – 5	0.6 (1.0)