

Feature	Variable	Prediction: ID vs AD	Prediction: ID song vs AD song	Prediction: ID song vs ID speech
85th Energy Percentile	Whole	⁻¹	-	-
Attack Curve Slopes	Median	-	⁻¹	⁻¹
Attack Curve Slopes	Mean	-	-	⁻¹
First Formant	Mean	-	-	⁻¹
First Formant	Max	⁻¹	-	⁻⁰
Inharmonicity	Whole	⁻¹	-	⁻¹
Intensity	Minimum	⁻¹	-	⁻¹
Intensity Rate	Whole	⁻⁰	-	⁻¹
nPVI per Phrase	Whole	+	+	⁺¹
nPVI per Recording	Whole	+	+	⁺¹
Pitch	Mean	⁺¹	-	-
Pitch Space	Mean	-	-	⁻¹
Pitch Rate	Whole	⁻⁰	-	⁻¹
Pulse Clarity	Whole	⁺¹	+	+
Roughness	Mean	-	-	⁻¹
Second Formant	Mean	-	-	-
Second Formant	Max	⁻¹	⁻⁰	⁻⁰
Tempo	Whole	-	-	-
Temporal Modulation	St. Dev.	-	-	⁻⁰
Temporal Modulation	Peak	⁻⁰	-	⁻¹
Vowel Space	Mean	⁺¹	⁺¹	+
Vowel Space Travel Rate	Whole	⁺¹	⁺¹	+

Preregistered predictions for the study:

Predictions that were supported by the exploratory-confirmatory analyses are marked ¹ while predictions which were significantly falsified in the opposite direction are marked ⁰.

Abbreviations: infant-directed (ID); adult-directed (AD)