

Supplemental Material S1. Operationalization of the linguistic and paralinguistic features of child speech.

LSA: Calculation of Linguistic and Paralinguistic Metrics

Calculation	
<i>Linguistic</i>	
Types	Total number of unique words
Tokens	Total number of intelligible words
Type-token ratio	(Number of types / Number of tokens)
% nouns	(Number of nouns / Total number of intelligible words) × 100
% verbs	(Number of verbs / Total number of intelligible words) × 100
% adjectives	(Number of adjectives / Total number of intelligible words) × 100
MLU (morphemes)	Mean length of utterance in morphemes
MLU (words)	Mean length of utterance in words
Verbs per utterance	(Number of verbs / Number of utterances)
<i>Paralinguistic</i>	
Volubility (words per minute)	(Total number of intelligible and unintelligible words / Transcript duration in minutes)
Speech rate (words per minute)	(Total number of intelligible and unintelligible words / Child speaking time in minutes)
Intelligibility	(Number of intelligible words / Total number of intelligible and unintelligible words)
Intelligible words per minute	(Number of intelligible words / Child speaking time in minutes)