

Supplemental Material S2. Discourse measures and descriptions from the CLAN software (including duration, MLU, type-token ratio, etc.).

Discourse Measure	Description
duration	Duration of participant’s time talking
mlu utts	Mean length utterance in utterances; total number of utterances.
mlu words	Mean length utterance in words; number of words divided by utterances in the sample
mlu morph	Mean length utterance in morphemes; number of morphemes divided by utterances in the sample
ttr	Type token ratio: total number of different word types occurring in the sample divided by the total number of words (tokens)
words min	Total number of words divided by duration in minutes
verbs utt	Total number of verbs divided by total number of utterances
word errors	Total number of word-level errors (e.g., semantic, phonological) in the sample
utt errors	Total number of utterance-level errors (e.g., ungrammatical) in the sample
prop density	Propositional idea density approximated by the number of verbs, adjectives, adverbs, prepositions, and conjunctions divided by the total number of words
retracings	Total number of full or partial reformulations of phrases in the sample
rep	Total number of repeated words and phrases in sample
false starts	Total number of false starts in sample
pauses	Total number of silent pauses in sample
total mazes	Total number of filled pauses, retracings, and repetitions in the sample
nouns	Total number of nouns in the sample
pronouns	Total number of pronouns in the sample
pronoun index	Total number of pronouns divided by nouns plus pronouns in the sample
per nouns	All nouns divided by total words in the sample
per verbs	All verbs divided by total words in the sample; includes verbs, copulas, and past or present participles (that appear with auxiliaries); does not include modals