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| S3 Table*Subsystem variables that are significantly (p<.05) correlated with speaking rate* |
| Subsystem | Variables |
| Articulatory | Maximum and minimum velocities of lip opening, lower lip movement relative to the jaw, and the composite movement of lower lip and jaw in “Buy Bobby a puppy.”Maximum velocities of lip opening and the composite movement of lower lip and jaw in /apa/. Number, duration and rate of the AMR test |
| Resonatory | Intraoral pressure during /ma/ and /mi/Nasal airflow during /pi/Ratio of nasal airflow between /pi/ and /mi/Time lag between /m/ and /p/ in “hamper”Median nasalance during “Buy Bobby a puppy.” |
| Phonatory | Maximum F0Average laryngeal airway resistance |
| Respiratory | Number, duration and percentage of pauses in Bamboo passageDuration and percentage of pauses in the repetitions of /pi/ |