

Within-speaker measures of acoustic and articulatory variability during
vowel production during citation and conversational speech
K. Reilly

In the present study within-speaker measures of acoustic and kinematic variability are derived to elaborate vowel target representations during conversational speech. Corresponding measures obtained during citations speech tasks will provide a basis for evaluating the similarities and differences between conversational and citation vowel acoustics and their implications for theories of speech motor control. The findings of this study will be incorporated into a larger project that aims to understand the various control mechanisms by which speakers achieve accurate perceptual outcomes during everyday communication with listeners.