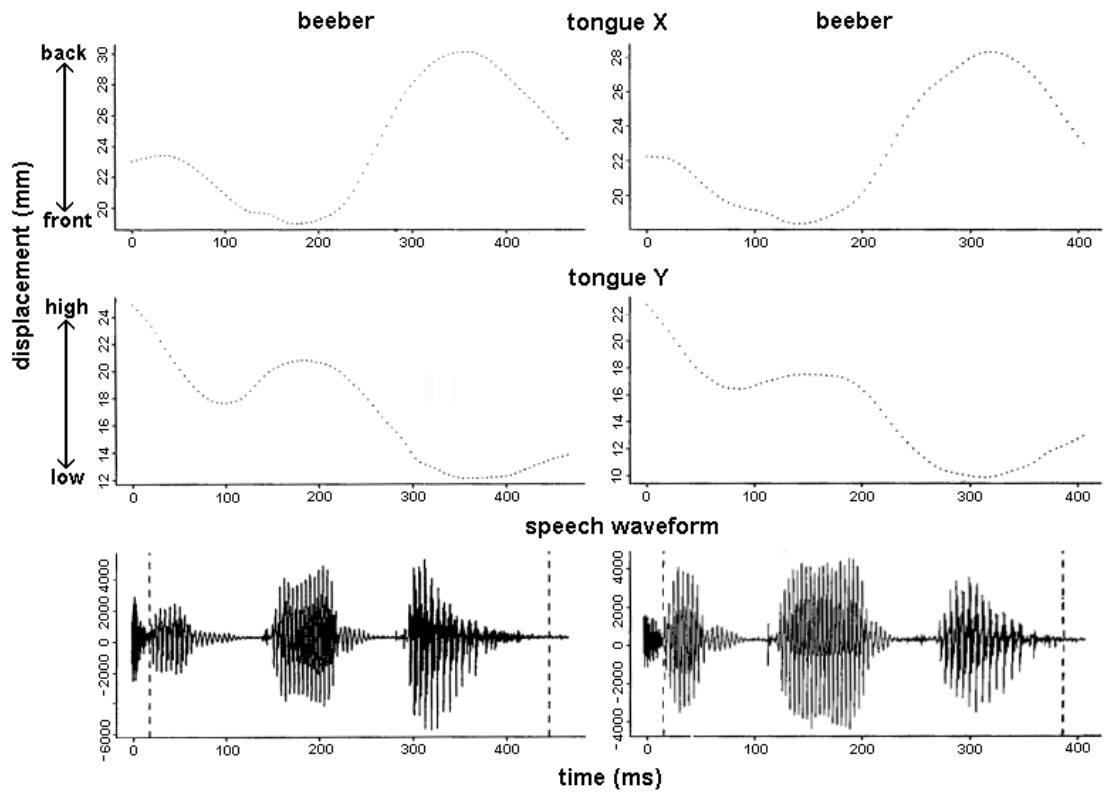
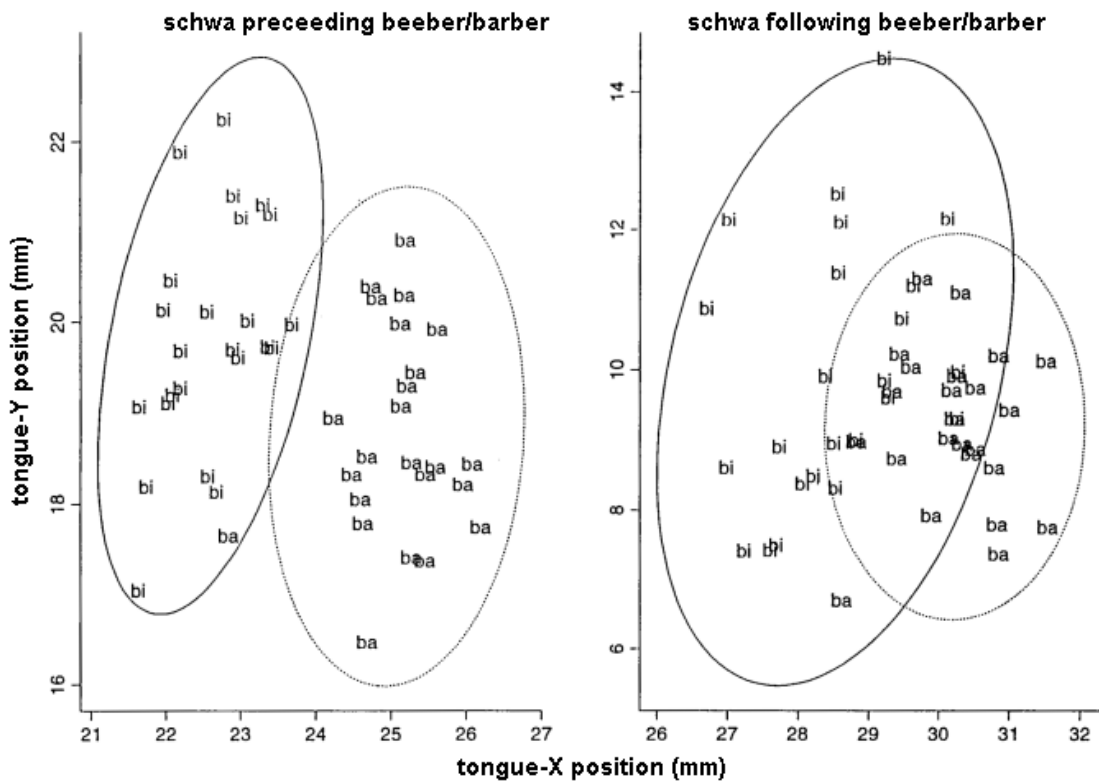


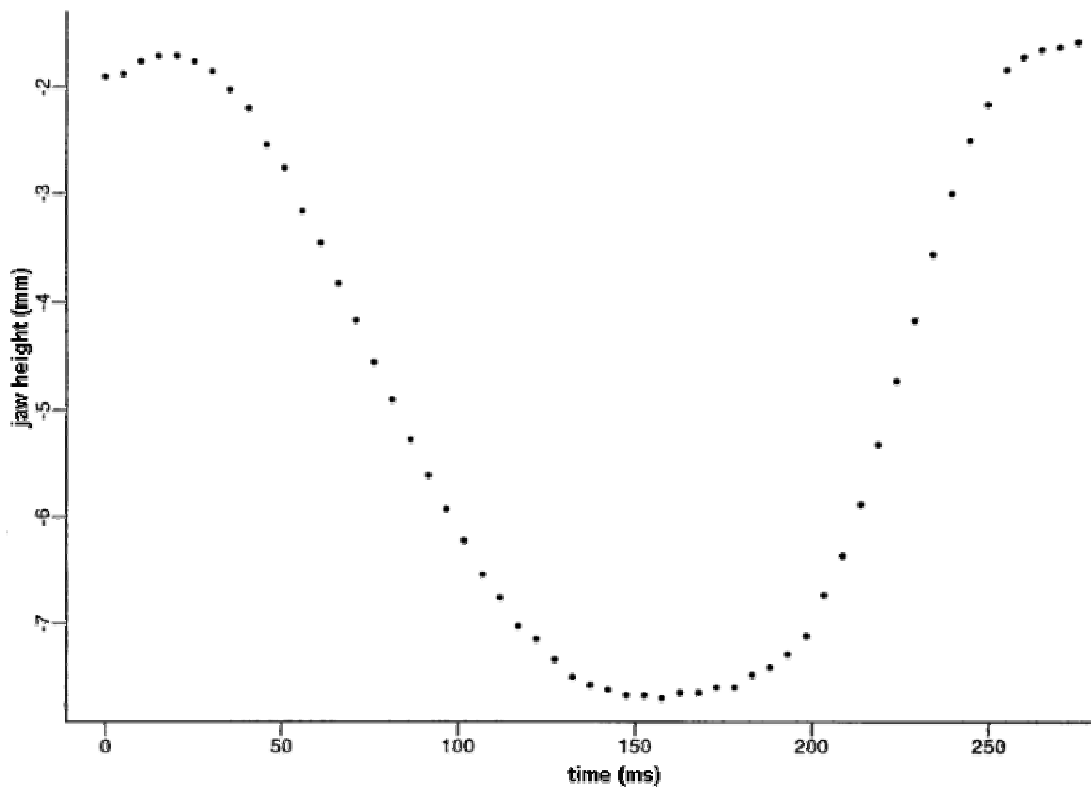
**Figure 1:** Tongue-X, tongue-Y and speech waveform for two tokens of 'beeper' produced by a Australian English female talker.



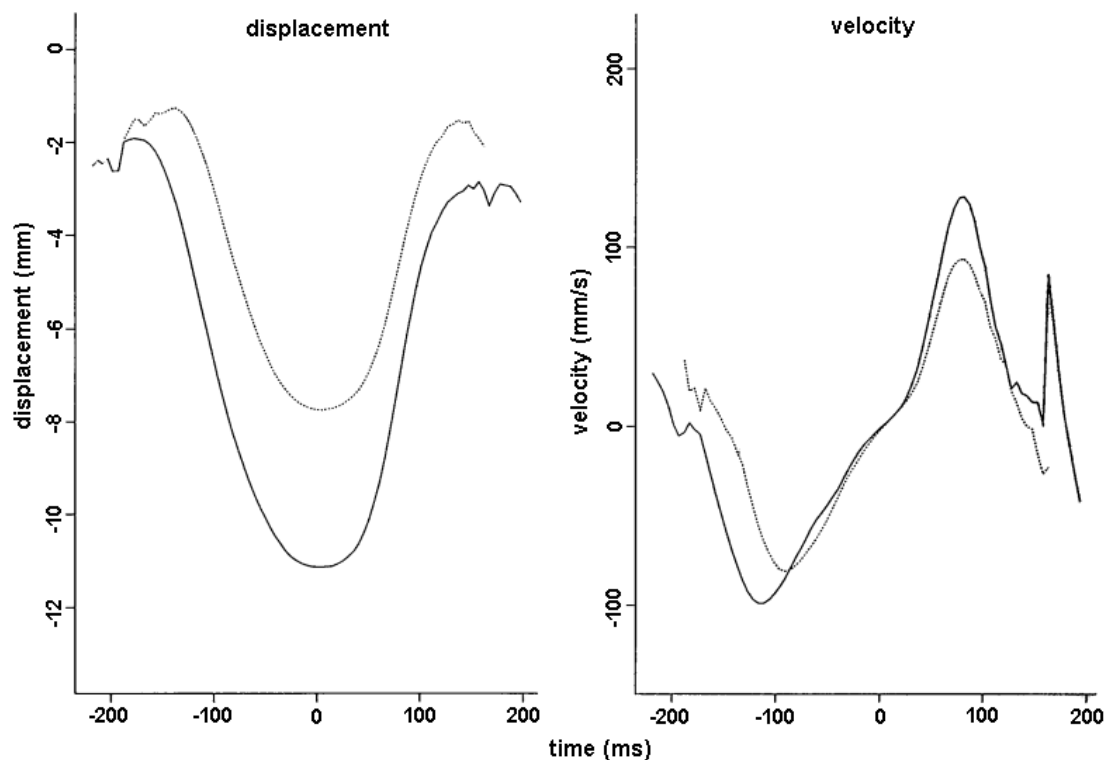
**Figure 2:** Tongue-X, tongue-Y and speech waveform for two (more) tokens of 'beeper' produced by the same talker.



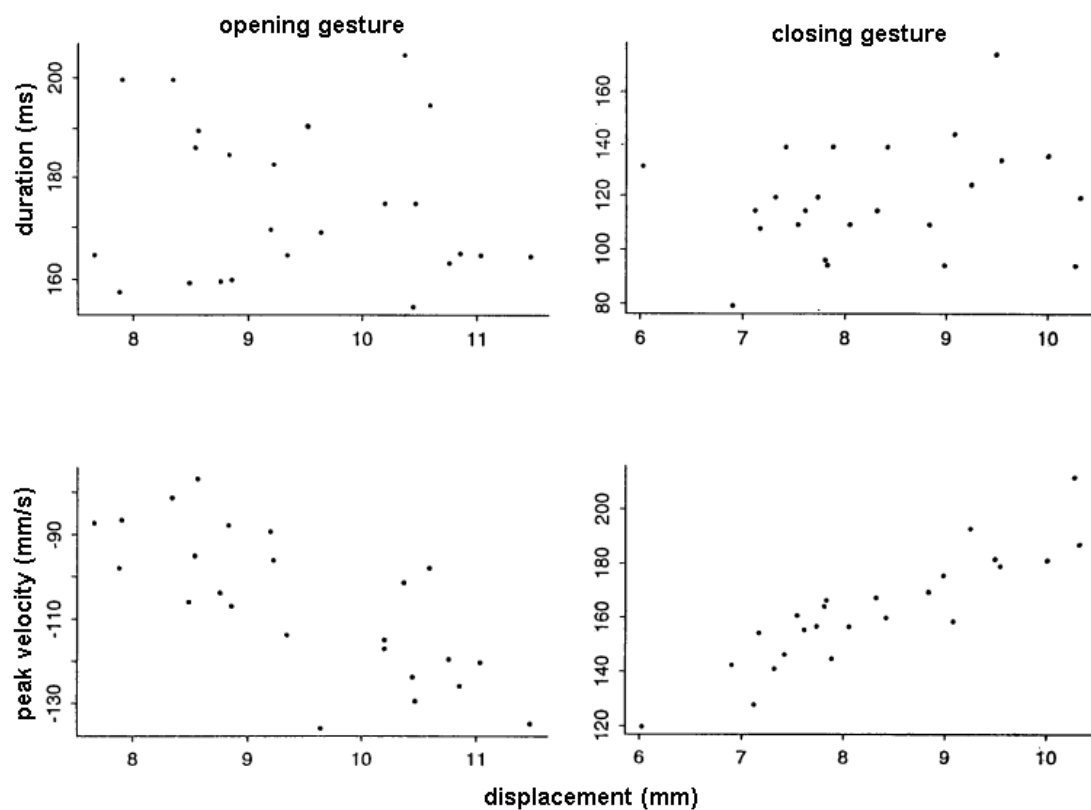
**Figure 3:** Tongue positions are marked as 'bi' (taken from a production of 'Hector beeber') or 'ba' (taken from a production of 'Hector barber'). The tongue positions were extracted in the schwa of 'Hector' (ellipses on the left) and the word-final schwa in 'beeber' or barber'.



**Figure 4:** Jaw height trajectory in the 'barb' syllable of 'barber' produced by a Australian English female talker.



**Figure 5:** Averaged jaw height and velocity trajectories of accented (solid - darker) and unaccented (dotted - lighter) productions of 'barber'. The trajectories were time aligned at the peak jaw displacement in the vowel before averaging.



**Figure 6:** Displacement of the jaw opening (left column) and closing (right column) gestures as a function of duration (top row) and peak velocity (bottom row) for accented and unaccented tokens of 'barb' from 'barber' produced by an Australian English female talker.