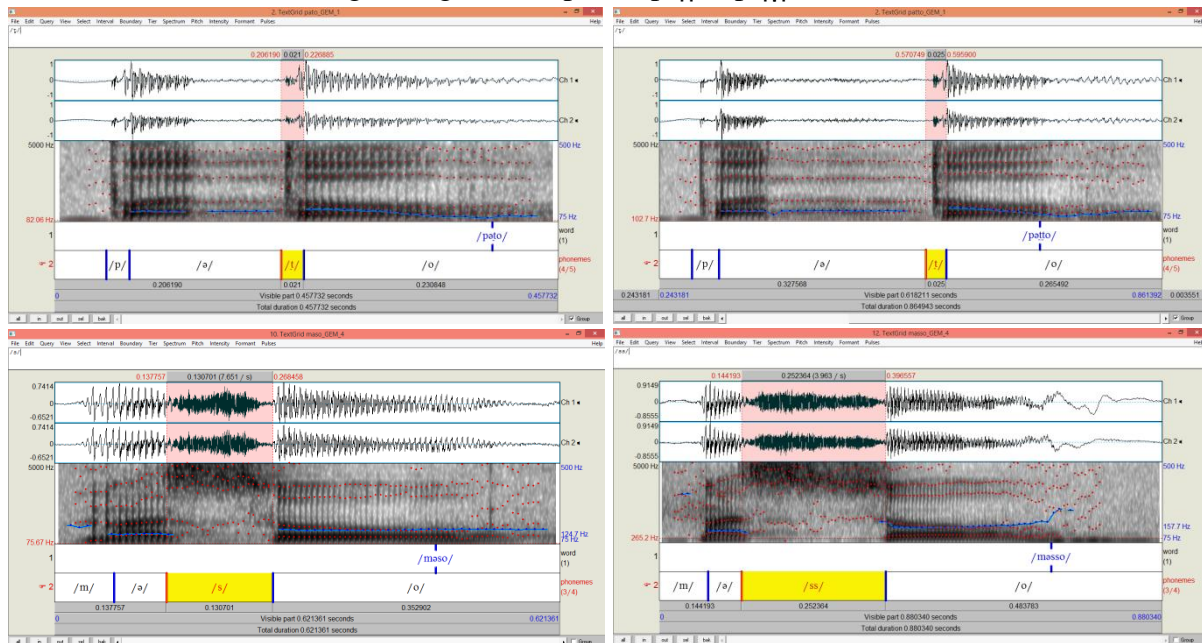


Geminate Consonants in Malwi
Parul Upadhyay
Jawaharlal Nehru University

The acoustic distinction between the singleton and the geminate consonant pairs maintain special interest to researchers since a long time now. However, this paper is the first attempt to discuss the acoustic analysis of geminate consonants of Malwi, a language spoken at the plateau of Malwa region of Madhya Pradesh in Central India. Geminates have been analysed (1) on the basis of their duration with their singleton counterparts, as well as (2) on the basis of the duration of the preceding vowels of both, and (3) discussed using autosegmental framework. The question for investigation here is why the duration differences of plosive geminate-singleton consonant pairs is very low but almost double in case of fricative and lateral geminate-singleton consonant pairs? Also, how the duration of preceding vowel is affected in both the cases. The data for this work have been taken from Ujjain district and 10 words have been recorded from 6 native speakers of the language.

Duration differences of singleton-geminate pairs, /pəto/-/pətto/ and /məso/-/məsso/ in Praat:



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