

## Abstract

The objective of the present study was to replicate and extend the study of role of tones by Cutler and Chen (1997) by using single non-word Cantonese syllables with stop coda. In Experiment 1, Cantonese listeners were found to be effective in discriminating onset, vowel and tone. There was possibly interaction between vowel and stop coda which enhanced vowel discrimination. The presence of stop coda did not facilitate tone processing in syllables with stop coda. Experiment 2 proved that tone processing in syllables with stop coda could be as effective as in open syllables. Besides, stop coda seemed not to be significant in syllable identification. The inconsistency with the results of Culter and Chen (1997) was explained in terms of the different stimuli used in the present study.