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Effects of speaker variability and noise on Mandarin tone identification by native and non-native listeners

Chao-Yang Lee

✓, Liang Tao & Z S Bond

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Abstract

The purpose of this study was to examine whether speaker variability and noise affect native and non-native listeners differently in Mandarin tone perception. Multi-speaker tone stimuli embedded in speech-shaped noise were presented blocked by speaker or mixed across speakers. The listeners included 20 native listeners and 33 non-native

listeners instructi presenta speaker noise with his suggest and non

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andarin Accept All beaker ng that Essential Onlyn contrast, listeners Settings se findings e to native

Q Keywords: Mandarin tones | Speech perception | Speaker variability

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