

Dialect and Gender Variations in the Place and Manner of Articulation of the Korean Fricatives

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Abstract : This study examines dialect and gender variations in the place and manner of articulation between the two Korean fricatives, /s/ and /s̺/, as produced by speakers of the Daegu and Jeju dialects. The acoustic parameters of center of gravity and skewness for the place of articulation, and the rise time and the amplitude rise slope for the manner of articulation were measured. The study results revealed a gender effect, but no dialect effect, for the center of gravity and the skewness. No main effect for either the gender or dialect was found for the rise time and the amplitude rise slope. These findings indicated that, with regard to the place of articulation, Korean fricative sound differences are a gender distinction, not a dialectal one.

Keywords : dialect, gender, Korean fricative, manner of articulation, place of articulation, spectral moments

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