**Phonetic Interference of L3 Japanese on L2 English Word-Initial Stop Production in Mandarin Trilinguals**

This study targets Mandarin trilinguals with advanced proficiency in L3 Japanese, exploring their production of L2 English word-initial voiceless stops. Thirty-one Mandarin trilinguals, 34 Japanese bilinguals, and 26 Mandarin bilinguals produced nine English words containing word-initial /p, t, k/. The VOT values of each stop were measured. Results showed that the Mandarin trilinguals produced the target stops with mean VOT values falling between those of the Japanese and Mandarin bilinguals. These results suggest that the Mandarin trilinguals’ production of English stops were influenced by the phonetic systems of both L1 Mandarin and L3 Japanese.