Phonological Production in Taiwan Sign Language*

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This paper describes an experiment on the production of handshape change in Taiwan Sign Language using the implicit priming experimental paradigm (Meyer 1990, 1991). The results not only provide new evidence that phonological form plays an important role in sign production, but also that the time course of sign production closely matches that predicted by a prominent model of spoken word production (Levelt et al. 1999). The experiment further highlights important methodological considerations in the study of phonological production, not only for sign language, but for spoken language as well.

Key words: sign language, Taiwan Sign Language, phonology, psycholinguistics

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台灣手語的音韻產生歷程

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