

## Abstract

In the extension of research investigating the sensitive period effect on second language learning, the present study experimentally examined the maturational effect on ultimate performance of grammaticality of English by native Chinese speakers. 30 participants were grouped as early and late bilinguals and data from their eye movements were gathered by an Eyetracker. Results showed that the early bilinguals outperformed the late bilinguals and both groups had the greatest difficulty in acquiring morphological structures of English such as past tense. Recommendation for this area of research includes investigating other morphologically rich languages.