

## Abstract

It has been long that the debate about brain asymmetry on the processing of different grammatical classes remains inconclusive. Recently, there is evidence that studies which yielded significant interaction between nouns and verbs actually confounded with imageability. A visual half field experiment on Chinese single characters was employed in this study. Main effect with Right Visual Field advantage in recognition and interaction among Visual Field, Grammatical Class and Gender were observed. It is argued that such findings could genuinely reflect the neural organization of the brain.