

Agreement Across Borders: Theoretical Templates in the Brain of a New Language Learner

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Abstract : Objective: The aim of this study is to investigate how the brain of a new language learner establishes theoretical templates to help understand grammatical structure. Method: The study recruited fourteen typically developing and achieving participants from eleven nationalities (ages between 23 and 30). Pre- and post-tests were administered, and the analysis was psychoneurolinguistically discussed. Results: Outline results show that, in grammar acquisition, the challenge that faces the second language learner is in the establishment of the templates relating to abstract nouns. During the process of grammar acquisition, the earlier, the better and fMRI was found to be the practical detector of brain theoretical templates.

Keywords : template, brain, imaging technique, grammar acquisition

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