

عنوان مقاله:

Creative Thinking and Brain Dominancy through the lens of Demographic Variables

محل انتشار:

سومین کنفرانس بین المللی مطالعات زبان و ادبیات ملل (سال: 1399)

تعداد صفحات اصل مقاله: 12

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خلاصه مقاله:

The purpose of this study was to investigate the Patterns of brain dominance among university students, and their relationships with creative thinking, gender, grade level, and academic specialization. the sample of this study were 240 university students. The Hemisphere Dominance Inventory and Torrance Test of Creative Thinking were used to collect data. The results of the study revealed that left hemisphere dominance, followed by integrated hemisphere dominance, were the most common types among students. With regard to academic specialization variable there were significant differences in brain dominance, but no significant ones due to gender or grade level variables. The results also indicated that the creative thinking was correlated with right and integrated hemisphere, but not with left hemisphere; the mean of the right hemisphere subjects was significantly higher than left and integrated hemisphere subjects, and the mean of the integrated hemisphere subjects was higher than left hemisphere subjects in all creative thinking scores. These results highlight the importance of brain function in the learning-teaching process for the university students

کلمات کلیدی:

.brain dominance, creative thinking, demographic variables

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