Study of multiple-relationships of personality characteristics with learning styles in students

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Abstract

The aim of this research was to investigate the relation of personality traits and learning styles among theoretical high school students. The statistical population of this research consists of girls and boys students in Bijar city. The 315 subjects (150 girls & 165 boys) have been chosen via cluster sampling. The students learning styles was the independent variable, and personality traits were the dependent variable. A correlational research method was used to gather data. To assess the personality traits and learning styles of participants, the NEO Personality Inventory-Revised (Costa & Mc Crae, 1992) and the LearningStyle Inventory (Kolb.D,1985) were used. Data were analyzed using logistic regression, chi-square tests and t tests for independent groups were used. The results of logistic regression suggested a negative relation between extraversion and convergent learning style, and between agreeableness and divergent learning style. Among those great personality traits just a significant and positive correlation was found between grade with conscientiousness trait.

Key words: Extraversion, Neuroticism, Openness to experience, Agreeableness, Conscientiousness, Learning Styles

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