

## The Role of Personality Types in Predicting of Emotional Intelligence

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**Keywords:** Personality type, Predicting, Emotional intelligence.

**Abstract.** Personality characteristics of each people are unique. It seems this features of personality has an impact on emotional intelligence and Ability to interact with people in a social environment. This study was conducted to determine the relationship between personality type and emotional intelligence in nursing. This study was conducted to investigate the relationship between emotional intelligence and personality types of nursing students. The research was descriptive and correlative. The study population consisted of Ardabil University of senior nursing students in 2011-2012. The study sample included 125 people. Assessment tools were the Bar-On Emotional Intelligence Inventory and MBTI personality type questionnaire. The data were analyzed by *SPSS Ver20*, (t test, analysis of variance, Pearson correlation and multiple regression with significant level  $P < 0.05$ ). The result from 125 subjects showed 60% female and 40% male. Pearson correlation coefficients showed there are a significant inverse between variables extraversion– introversion and emotional intelligence with level of 0.01 ( $r = -0.522$ ) The level of significance for the regression coefficient for extraversion - introversion is smaller than the significance level of the test ( $\alpha = 0.05$ ) therefore Beta are predicting emotional intelligence of student with significant and confidence level of 95 percent. The coefficient of determination showed personality types will determine 0.291 distribution of their emotional intelligence. Finally obtained the significance level of the F (12.306), the significance level was smaller than the experimental error ( $\alpha = 0.05$ ), so overall regression model is significant. Therefore Personality characteristics impacts on emotional intelligence of students.