

## PERSONALITY TEST OF ADJECTIVES (PTA): A VALIDITY AND RELIABILITY STUDY

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### Abstract

The aim of this study is to test the validity and reliability of “Personality Test of Adjectives” which is developed in accordance with the Five Factor Personality Theory. Validity of the questionnaire was assessed by Confirmatory Factor Analysis, whereas the reliability was identified with Cronbach's Alpha and Split Half consistency coefficients. The study was carried out on 590 students those are studying in Yıldız Technical University and Marmara University during 2015-2016 academic year. 13 item of the original questionnaire, whose factor weights are found to be low and error covariances associated with the other latent variables, was excluded from the investigation. As a result of the validity test, it is found that all the dimensions except Neuroticism show significant relationship with PTA. Neuroticism on the other hand, shows negative-significant relationship with PTA. The reason of this situation is believed to be due to the morbid trait of Neuroticism. It is found that t values for the relationships between observed and second level latent variables (dimensions) vary within 5.93 and 12.75. It is also discovered that seven different compliance indexes support the 5-factor structure of the model. Cronbach's Alpha and Split Half consistency coefficients were computed as 0.85 and 0.83 respectively, indicating a high level of reliability.

**Keywords:** Prospective teachers, personality, validity-reliability, confirmatory factor analysis (CFA).