

Psychometric Properties of the Transhumanist Orientation Scale in a Turkish Sample

Musab Bilal Gencer

Galata University, Istanbul

Tuğba Gencer

Uludağ University, Bursa

Abstract:

Transhumanism is the idea of advocating for the optimization and perfection of humankind through technological advancements. This study aimed to examine the psychometric properties of the Transhumanist Orientation Scale in a Turkish sample of 700 participants. Exploratory Factor Analysis (EFA) conducted with 400 participants indicated a one-factor structure explaining 51% of the total variance. Confirmatory Factor Analysis (CFA) was performed with 300 participants, which supported the unidimensional model and demonstrated good model fit ($\chi^2/df = 2.47$, CFI = 0.99, RMSEA = 0.07). The scale showed good internal consistency (Cronbach's Alpha = .75). These findings suggest that the Transhumanist Orientation Scale is a reliable and valid instrument for the Turkish population.