

Validation of the Spanish Gaming Transfer Phenomena Scale

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Poster

Validation of the Multidimensional Scale of Perceived Social Support (MSPSS) in Mental Health Service Users

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Abstract

Game Transfer Phenomena (GTP) refers to the transfer of video game experiences into real life (i.e., altered sensory perceptions, mental processes and behaviours) (Ortiz de Gortari, 2019). In order to assess these experiences, the Game Transfer Phenomena Scale (GTPS) was developed (Ortiz de Gortari, Pontes, & Griffiths, 2015). The objective of this study is to validate the scale in a European Spanish-speaking population in terms of dimensional structure and internal consistency.

A sample of 412 gamers (54.61% women, mean age 25.48 years, SD = 11) participated. The GTPS was adapted from English to Spanish using three parallel translations and a reconciliation process. Item descriptive statistics were obtained. Confirmatory factor analysis was conducted to assess the scale's dimensionality, while Cronbach's alpha and McDonalds' omega were used to evaluate reliability. Correlations with problematic gaming and game session length were also examined. Analyses were carried out with the R packages lavaan and psych.

Item response distributions appeared to be right-skewed. The five-factor structure was confirmed (CFI = .996, SRMR = .016), with factor loadings ranging from .64 to .95. Cronbach's alpha values ranged from .75 and .84, and McDonalds' omegas between .77 and .84. The GTPS scores strongly correlated with measures of problematic gaming and session length.

The preliminary assessment of the psychometric properties of the European Spanish version of the GTPS shows that it is a suitable tool for measuring GTP in the Spanish-speaking population.

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