

A Measure of Psychological Preparedness: IRT Based Analysis

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Abstract

Psychological preparedness can play a crucial role in human daily routine life. So it can be looked on as a process as well as inherent capacity of a person. In the present study, a tool was constructed of 86 items for the measurement of psychological preparedness construing seven facets with 12-13 items in each. Content analysis with domain and facet loading of items has been prepared & presented. IRT based analysis was done at the level of facets to sort the items which satisfy the θ parameter and model fitting using Rasch Rating Scale Model (RRSM). Findings, though revealing normal distribution of all the facets, however, did not fit to the model. Within facets the internal consistency varied from -.123 to .504, however 0.747 for the total test. Hence, the measure suggests a general construct without facets. So the test shall accordingly be pursued.

Key word: Psychological preparedness, Item Response Theory (IRT), test construction and Rasch Rating Scale Model (RRSM)

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