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Construct validity in neuroresearch

Sasmoko[a]; Ying, Yi[b]
Save all to author list

[a] Research Method and Statistics at Binus University, Jakarta, Indonesia
[b] Binus University, Jakarta, Indonesia

Abstract

Neuroresearch is an integrated research method between qualitative method and quantitative method. This paper examines how prove the academic predictions (construt) in Neuroresearch through the construct validity. There are two (2) phases. Phase One, Orthogonal iteration approach. If the results of the Orthogonal iteration have been counted few times, and it is proved the instrument items to be significant with the variable (total score) and each indicator is minimum represented by at least 1 (one) point, then the academic predictions about the variables is proved. But if there is at least one indicator that is not represented by a minimum of 1 point, then the Orthogonal Iteration is not fit and had to go to the second stage. Second stage is Varimax Iterations approach through Principle Component Axis. The analogy of the variable is like a community that consists of a group of people (instrument item). Community (variable) is formed by a small group (indicator) and the members of the group (item) are not always correlated with the group (indicator). Proof of academic prediction of the second phase by calculating rotated component matrix which in the end, will "determine the new name of the indicators". © 2015 American Scientific Publishers.

Author keywords

A model research methods; Construct validity approach

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