

Item sequence effects on internal homogeneity and Items characteristics in psychological scales

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Abstract

This study aimed to explore the Item sequence effects on internal homogeneity and its items characteristics in psychological scales .A self-trust scale was used in this study, re-ordering its items in 4 methods .The first three are: ordering the items descending depending on (item discriminated index ,item reliability index, item validity index) in addition to the random method.

Repeated measure design was used to apply the scale on a sample of 264 examinees who were divided into 4 groups, each of which included 66 examinees, and each examinee responded to 4 patterns of the scale in different order from one group to another. The Study results indicated that ordering items in terms of their reliability index is the best method. It maximizes the reliability coefficient of the scale and improves its item characteristics indices

Kay words: test reliability, test validity, item reliability index, item validity index, item selection, factor analysis, item characteristics:

For the paper in Arabic see pages (111-129)