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a differential item functioning pdf

Differential Item Functioning (DIF) has been increasingly applied in fairness studies in psychometric circles. Judicious application of this methodology by the researchers, however, requires an ...

(PDF) An Introduction to Differential Item Functioning

Differential Item Functioning (DIF) has been increasingly applied in fairness studies in psychometric circles. Judicious application of this methodology by the researchers, however, requires an understanding of the technical complexities involved.

An introduction to Differential Item Functioning | Hossein

Differential item functioning (DIF) refers to group differences in performance on a test item that cannot be explained by group differences in the construct targeted by the item (Crocker & Algina, 1986; Clauser & Mazor, 1998).

Recommendations for Conducting Differential Item

Differential Item Functioning (DIF) occurs whenever people of the same ability level but from different groups have differential probabilities of endorsing an item (Kamata & Vaughn, 2004). If the factor bringing about such a difference is not part of the construct of focus in the test, then the test would be biased.

Differential Item Functioning: current problems and future

differential item functioning (DIF) has been introduced to address the differential group performance on an item when the groups are equated at the same level of ability or latent trait status. This article introduces the concept of DIF while making a clear distinction of DIF from item bias and simple group performance difference.

Understanding Differential Item Functioning and Item bias

the difference between the two curves (Abedlazez, 2010). An item is said to possess differential item functioning when the area index is greater than a critical value of 0.22, while an item does not possess differential item functioning when the area index is zero or close to zero (De Beer, 2004).

DETERMINATION OF DIFFERENTIAL ITEM FUNCTIONING BY GENDER

Differential item functioning (DIF) analysis is a key component in the evaluation of the fairness and validity of educational tests. The goal of this project was to review the status of ETS DIF

A Review of ETS Differential Item Functioning Assessment

Differential item functioning magnitude and impact measures from item response theory models Marjorie Kleinman¹ & Jeanne A. Teresi^{2,3,4,5} Abstract Measures of magnitude and impact of differential item functioning (DIF) at the item and scale level, respectively are presented and reviewed in this paper. Most measures are based on item

Differential item functioning magnitude and impact

Differential item functioning (DIF) is a statistical characteristic of an item that shows the extent to which the item might be measuring different abilities for members of separate subgroups. Average item scores for

subgroups having the same overall score on the test are compared to determine whether the item is measuring in essentially the same way for all subgroups.

Differential item functioning - Wikipedia

Understanding Differential Item Functioning for English Language Learners: The Influence of Linguistic Complexity Features By Jessica M. Loughran Submitted to the graduate degree program in Educational Psychology and Research and the Graduate Faculty of the University of Kansas in partial fulfillment of the requirements for the

ii Understanding Differential Item Functioning for English

A Review of Recent Developments in Differential Item Functioning Raymond Mapuranga Neil J. Dorans Kyndra Middleton August 2008 ETS RR-08-43 Research Report. August 2008 A Review of Recent Developments in Differential Item Functioning Raymond Mapuranga, Neil J. Dorans, and Kyndra Middleton ETS, Princeton, NJ ... To obtain a PDF or a print copy ...

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Zumbo, B. D. (1999). A Handbook on the Theory and Methods of Differential Item Functioning (DIF): Logistic Regression Modeling as a Unitary Framework for Binary and Likert-Type (Ordinal) Item Scores. Ottawa, ON: Directorate of Human Resources Research and Evaluation, Department of National Defense.

Test Bias Analysis: The Theory and Methods of Differential Item Response Theory Reference Manual - Stata

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