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Polytomous Item Response Theory Models (Paperback)

By Remo Ostini, Michael L. Nering

SAGE Publications Inc, United States, 2005. Paperback. Condition: New. New.. Language: English . Brand New Book. Polytomous Item Response Theory Models provides a unified, comprehensive introduction to the range of polytomous models available within item response theory (IRT). It begins by outlining the primary structural distinction between the two major types of polytomous IRT models. This focuses on the two types of response probability that are unique to polytomous models and their associated response functions, which are modeled differently by the different types of IRT model. It then describes, both conceptually and mathematically, the major specific polytomous models, including the Nominal Response Model, the Partial Credit Model, the Rating Scale model, and the Graded Response Model. Important variations, such as the Generalized Partial Credit Model are also described as are less common variations, such as the Rating Scale version of the Graded Response Model. Relationships among the models are also investigated and the operation of measurement information is described for each major model. Practical examples of major models using real data are provided, as is a chapter on choosing an appropriate model. Figures are used throughout to illustrate important elements as they are described.

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Reviews

It is fantastic and great. Sure, it is perform, nonetheless an amazing and interesting literature. Once you begin to read the book, it is extremely difficult to leave it before concluding.

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This book is definitely not easy to get going on reading but extremely entertaining to learn. It is actually filled with knowledge and wisdom I am very easily will get a delight of reading a composed ebook.

-- **Krystina Breitenberg**