Latent Variable Modeling Using R: A Step By Step Guide: A Step By Step Guide (Hardback)



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Reviews

Great eBook and valuable one. I could comprehended every thing using this written e publication. I discovered this pdf from my dad and i suggested this publication to find out. (Prof. Cedrick Becker)

LATENT VARIABLE MODELING USING R: A STEP BY STEP GUIDE: A STEP BY STEP GUIDE (HARDBACK)



Taylor Francis Ltd, United Kingdom, 2014. Hardback. Book Condition: New. 280 x 216 mm. Language: English. Brand New Book. This step-by-step guide is written for R and latent variable model (LVM) novices. Utilizing a path model approach and focusing on the lavaan package, this book is designed to help readers quickly understand LVMs and their analysis in R. The author reviews the reasoning behind the syntax selected and provides examples that demonstrate how to analyze data for a variety of LVMs. Featuring examples applicable to psychology, education, business, and other social and health sciences, minimal text is devoted to theoretical underpinnings. The material is presented without the use of matrix algebra. As a whole the book prepares readers to write about and interpret LVM results they obtain in R. Each chapter features background information, boldfaced key terms defined in the glossary, detailed interpretations of R output, descriptions of how to write the analysis of results for publication, a summary, R based practice exercises (with solutions included in the back of the book), and references and related readings. Margin notes help readers better understand LVMs and write their own R syntax. Examples using data from published work across a variety of disciplines demonstrate how to use R syntax for analyzing and interpreting results. R functions, syntax, and the corresponding results appear in gray boxes to help readers quickly locate this material. A unique index helps readers quickly locate R functions, packages, and datasets. The book and accompanying website at provides all of the data for the book s examples and exercises as well as R syntax so readers can replicate the analyses. The book reviews how to enter the data into R, specify the LVMs, and obtain and interpret the estimated parameter values. The book opens with the fundamentals of...

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