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STRUCTURAL EQUATION MODELLING

A Comprehensive Guide

Structural equation modelling : a comprehensive guide



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STRUCTURAL EQUATION MODELLING

A Comprehensive Guide

Thank you for visiting "Structural Equation Modelling: A Comprehensive Guide for Researchers." If you have knowledge and application of the statistical method known as structural equation modeling (SEM), then this book will give you the skills and resources to model complex interactions regardless of your level of research expertise. Each chapter is written by an expert in their field regarding the application of this powerful analytical tool, covering everything from the fundamentals of SEM techniques to complex subjects like mediation, moderation, and longitudinal analysis.

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The book also offers detailed instructions on data processing and model evaluation and a practical section on utilizing the software JASP for SEM. This book is designed for non-psychologists as well as social scientists who would like to learn how to use SEM with confidence.

We want to thank all the authors for their hard work in reviewing the book, and the editor for his/her support in model specification, data analysis, and model evaluation. Complex relationships can be easily understood with the help of diagrams and tables.



**STRUCTURAL EQUATION MODELLING:
A Comprehensive Guide**

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"Structural Equation Modeling: A Comprehensive Guide" offers a thorough and accessible introduction to the statistical method of Structural Equation Modeling (SEM). This book covers the foundational concepts of SEM, model specification techniques, estimation methods, model evaluation, and fit assessment, and explores advanced topics such as multigroup analysis, longitudinal analysis, mediation and moderation analysis, and causal inference.

The book includes a dedicated section on using AMOS software, providing step-by-step instructions to facilitate practical application. It also presents a comprehensive case study on applying SEM to examine a financial literacy construct, risk, trust, and investment intention. Additionally, guidance on data analysis techniques, including tests for normality, common method bias, model fit problems, validity, and reliability, is provided.

With its comprehensive coverage and practical approach, "Structural Equation Modeling: A Comprehensive Guide" equips researchers, academics, and practitioners with the necessary skills to confidently utilize SEM to model complex relationships and make meaningful contributions to their fields of study.



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