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Titolo	Applied structural equation modelling for researchers and practitioners : using R and Stata for behavioural research / / by Indranarain Ramlall
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Descrizione fisica	1 online resource (152 pages) : illustrations
Disciplina	507.2
Soggetti	Structural equation modeling R (Computer program language) Education - Teaching Methods & Materials / Social Science Sociology
Lingua di pubblicazione	Inglese
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Definition of SEM -- Types of SEM -- Benefits of SEM -- Drawbacks of SEM -- Steps in structural equation modelling -- Model specification: path diagram in SEM -- Model identification -- Model estimation -- Model fit evaluation -- Model modification -- Model cross-validation -- Parameter testing -- Reduced=form version of SEM -- Multiple indicators multiple causes model of SEM -- Practical issues to consider when implementing SEM -- Review questions -- Enlightening questions on SEM -- Applied structural equation modelling using R -- Applied structural equation modelling suing STATA.
Sommario/riassunto	During the last two decades, structural equation modelling (SEM) has emerged as a powerful multivariate data analysis tool in social science research settings, especially in the fields of sociology, psychology, and education. Social science researchers and students benefit greatly from acquiring knowledge and skills in SEM, since the methods can provide a bridge between the theoretical and empirical aspects of behavioural research. Ramlall explains in a rigorous, concise, and practical manner all the vital components embedded in structural equation modelling (SEM). Focusing on R and Stata to implement and perform various structural equation models, Ramlall examines the types, benefits, and

drawbacks of SEM, delving into model specifications and identifications, fit evaluations, and path diagrams.