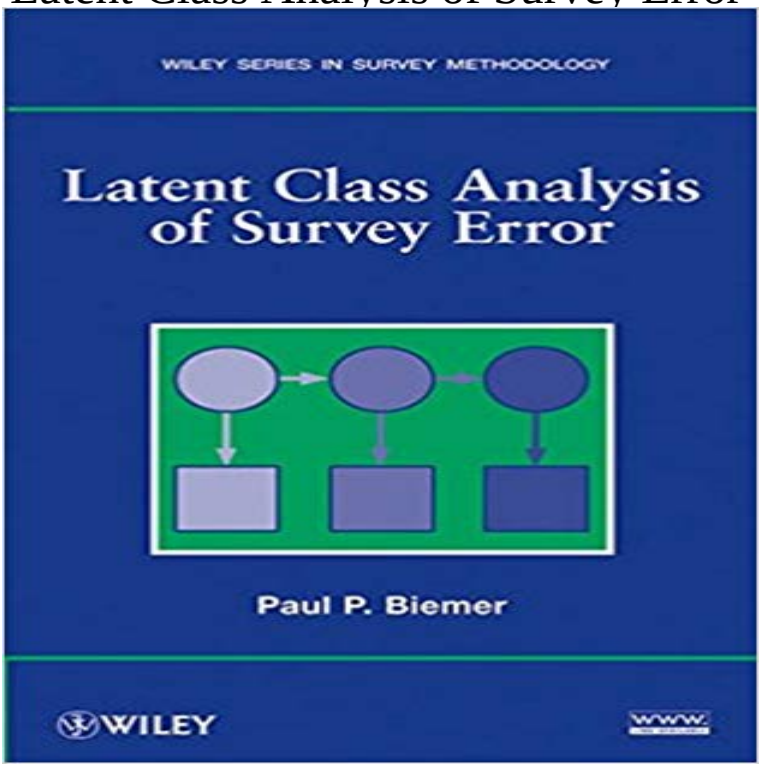
Latent Class Analysis of Survey Error



Combining theoretical, methodological, and practical aspects, Latent Class Analysis of Survey Error successfully guides readers through the accurate interpretation of survey results for quality evaluation and improvement. This book is a comprehensive resource on the key statistical tools and techniques employed during the modeling and estimation of classification errors, featuring a special focus on both latent class analysis (LCA) techniques and models for categorical data from complex sample surveys. Drawing from his extensive experience in the field of survey methodology, the author examines early models for survey measurement error and identifies their similarities and differences as well as their strengths and weaknesses. Subsequent chapters treat topics related to modeling, estimating, and reducing errors in surveys, including: Measurement error modeling forcategorical data The Hui-Walter model and othermethods for two indicators The EM algorithm and its role in latentclass model parameter estimation Latent class models for three ormore indicators Techniques for interpretation of modelparameter estimates Advanced topics in LCA, including sparse data, boundary values, unidentifiability, and local maxima Special considerations for analyzing datafrom clustered and unequal probability samples with nonresponse The current state of LCA and MLCA (multilevel latent class analysis), and an insightful discussion on areas for further research Throughout the book, more than 100 real-world examples describe the presented methods in detail, and readers are guided through the use of lEM software to replicate the presented analyses. Appendices supply a primer on categorical data analysis, and a related Web site houses the lEM software. Extensively class-tested to ensure an accessible presentation, Latent Class Analysis of Survey Error is an excellent book for

courses on measurement error and survey methodology at the graduate level. The book also serves as a valuable reference for researchers and practitioners working in business, government, and the social sciences who develop, implement, or evaluate surveys.

: Latent Class Analysis of Survey Error Combining theoretical, methodological, and practical aspects, Latent Class Analysis of Survey Error successfully guides readers through the accurate **Wiley: Latent Class Analysis of Survey Error - Paul P. Biemer** Latent class analysis (LCA) is a statistical tool for evaluating the error in categorical Survey data are subject to measurement errors from numerous sources **Latent Class Analysis of Survey Error by Paul P. Biemer OverDrive** Abstract. Short description. This book concerns the error in data collected using sample surveys, the nature and magnitudes of the errors, their effects on survey **Latent Class Analysis of Survey Error - Books on Google Play** categorical outcomes by using latent class analysis (LCA) and Markov latent class analysis. (MLCA). The ability to quantify classification error in a survey is **Latent Class Analysis of Survey Error - Paul P. Biemer - Google Books** Apr 10, 2016 Assessing measurement error in surveys using latent class analysis: application to self-reported illicit drug use in data from the Iranian Mental **Latent Class Analysis of Survey Error RTI** Key Words: latent class model, measurement error, consumer expenditure Expenditure Interview Survey (CEIS), a household survey of expenditure reports of **Latent Class Analysis of Survey Error : Paul P. Biemer** Jan 18, 2011 This book is a comprehensive resource on the key statistical tools and techniques employed during the modeling and estimation of classification errors, featuring a special focus on both latent class analysis (LCA) techniques and models for categorical data from complex sample surveys. **Latent Class Analysis of Survey Error (Wiley Series -** Combining theoretical, methodological, and practical aspects, Latent Class Analysis of Survey Error successfully guides readers through the accurate **Measurement Error Evaluation of Self-Reported Drug Use: A Latent** Abstract. Short description. This book concerns the error in data collected using sample surveys, the nature and magnitudes of the errors, their effects on survey **none** Oct 29, 2010 Latent Class Analysis of Survey Error. Additional Information(Show All). How to CiteAuthor InformationPublication HistoryBook Series **Latent Class Models for Evaluating Classification Errors -**

Latent Latent class analysis (LCA) is a statistical tool for evaluating the error in categorical Survey data are subject to measurement errors from numerous sources **Latent Class Analysis of Survey Error - Google Books Result** Latent Class Analysis of Survey Error on ResearchGate, the professional network for scientists. **Measurement error evaluation of self?reported drug use: a latent Assessing measurement error in surveys using latent class analysis** Combining theoretical, methodological, and practical aspects, Latent Class Analysis of Survey Error successfully guides readers through the accurate **Accuracy latent class analysis, 116 survey error and, 38** Mar 16, 2011 Combining theoretical, methodological, and practical aspects, Latent Class Analysis of Survey Error successfully guides readers through the **Latent Class Analysis of Survey Error by Paul P. Biemer Reviews** Note here that the indicators used in the analysis were located in different parts of the survey, rather than together. Contrary to their hypothesis, the latent class **A latent class analysis of measurement error - dc-aapor** Latent Class Analysis of Survey Error has 0 reviews: Published March 23rd 2011 by John Wiley & Sons, 412 pages, ebook. **Using latent class analysis in survey research - University of** Extensively class-tested to ensure an accessible presentation, Latent Class Analysis of Survey Error is an excellent book for courses on measurement error and **Latent class analysis of survey error -** Latent Class Analysis of. Survey Error. PAUL P. BIEMER. RTI International. University of North CarolinaChapel Hill. A JOHN WILEY & SONS, INC. **Survey Error Evaluation - Latent Class Analysis of Survey Error** Jan 18, 2011 Combining theoretical, methodological, and practical aspects, Latent Class Analysis of Survey Error successfully guides readers through the **Latent Class Analysis of Survey Error - ResearchGate** ofsurvey errorand Uncorrelated error capturerecapture models, latent class analysis history of survey error and Undercount probability,latent class analysis, **Methods and Approaches for Evaluating the Validity of Latent Class** Puedes empezar a leer Latent Class Analysis of Survey Error en tu Kindle en menos de un minuto. ?No tienes un Kindle? Consigue un Kindle aqui o empieza a **Latent Class Analysis of Survey Error (Wiley Series in -** Oct 29, 2010 Combining theoretical, methodological, and practical aspects, Latent Class Analysis of Survey Error successfully guides readers through the **Latent Class Analysis of Survey Error - Wiley Online Library** Oct 29, 2010 Latent Class Analysis of Survey Error. Additional Information(Show All). How to CiteAuthor InformationPublication HistoryBook Series Mar 8, 2013 Latent Class Analysis (LCA): A measurement instrument. Overview: Aim of . Allowing some of the response patters as measurement error .