Record Nr. UNINA9910139367903321 Statistics in the social sciences: current methodological developments **Titolo** // edited by Stanislav Kolenikov, Douglas Steinley, Lori Thombs Pubbl/distr/stampa Hoboken, N.J.:,: Wiley,, 2010 ©2010 **ISBN** 1-282-55119-1 9786612551192 0-470-58333-9 0-470-58332-0 1 online resource (xxii, 198 pages): illustrations Descrizione fisica Altri autori (Persone) KolenikovStanislav SteinleyDouglas ThombsLori A Disciplina 519.50243 Soggetti Social sciences - Statistical methods **Statistics** Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Nota di bibliografia Includes bibliographical references and index. Nota di contenuto Statistics in the Social Sciences: Current Methodological Developments: Contents: List of Figures: List of Tables: Preface: 1 Analysis of Correlation Structures: Current Status and Open Problems; 1.1 Introduction; 1.2 Correlation versus Covariance Structures; 1.3 Estimation and Model Testing; 1.3.1 Basic Asymptotic Theory; 1.3.2 Distribution of T Under Model Misspecification; 1.3.3 Distribution of T Under Weight Matrix Misspecification; 1.3.4 Estimation and Testing with Arbitrary Distributions; 1.3.5 Tests of Model Fit Under **Distributional Misspecification** 1.3.6 Scaled and Adjusted Statistics; 1.3.7 Normal Theory Estimation and Testing; 1.3.8 Elliptical Theory Estimation and Testing; 1.3.9 Heterogeneous Kurtosis Theory Estimation and Testing; 1.3.10 Least Squares Estimation and Testing; 1.4 Example; 1.5 Simulations; 1.5.1 Data; 1.5.2 Correlation Structure with ADF Estimation and Testing; 1.5.3 Correlation Structure with Robust Least Squares Methods; 1.6 Discussion; References; 2 Overview of Structural Equation Models and

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Sommario/riassunto

A one-of-a-kind compilation of modern statistical methods designed to support and advance research across the social sciences Statistics in the Social Sciences: Current Methodological Developments presents new and exciting statistical methodologies to help advance research and data analysis across the many disciplines in the social sciences. Quantitative methods in various subfields, from psychology to economics, are under demand for constant development and refinement. This volume features invited overview papers, as well as original research presented at the Sixth Annual Wine