1. Record Nr. UNINA9910144694003321 Autore Rubin Donald B Titolo Multiple imputation for nonresponse in surveys [[electronic resource] /] / Donald B. Rubin Hoboken, N.J.;,: Wiley-Interscience, 2004 Pubbl/distr/stampa **ISBN** 1-282-30759-2 9786612307591 0-470-31669-1 0-470-31736-1 Descrizione fisica 1 online resource (xxix, 287 p.): ill Collana Wiley series in probability and mathematical statistics. Multiple imputation for nonresponse in surveys Wiley classics library Disciplina 001.422 Soggetti Multiple imputation (Statistics) Nonresponse (Statistics) Social surveys - Response rate Multiple imputation (Statistics) - Response rate Social surveys Social Sciences Statistics - General Electronic books. Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Originally published: Wiley, 1987 Formerly CIP. Nota di bibliografia Includes bibliographical references: (p. 244-250) and indexes. Nota di contenuto Tables and Figures. Glossary. 1. Introduction. 1.1 Overview. 1.2 Examples of Surveys with Nonresponse. 1.3 Properly Handling Nonresponse. 1.4 Single Imputation. 1.5 Multiple Imputation. 1.6 Numerical Example Using Multiple Imputation. 1.7 Guidance for the Reader. 2. Statistical Background. 2.1 Introduction. 2.2 Variables in the Finite Population. 2.3 Probability Distributions and Related Calculations. 2.4 Probability Specifications for Indicator Variables. 2.5 Probability

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Sommario/riassunto

This title demonstrates how nonresponse in sample surveys and censuses can be handled by replacing each missing value with two or more multiple imputations. It clearly illustrates the advantages of modern computing to handle such key surveys, and demonstrates the benefit of this statistical technique.