1. Record Nr. UNINA9910143684903321 Autore Alwin Duane F (Duane Francis), <1944-> Titolo Margins of error [[electronic resource]]: a study of reliability in survey measurement / / Duane F. Alwin Hoboken, N.J.,: Wiley-Interscience, c2007 Pubbl/distr/stampa **ISBN** 1-280-93516-2 9786610935161 0-470-14631-1 0-470-14630-3 Descrizione fisica 1 online resource (410 p.) Collana Wiley series in survey methodology 001.4/33 Disciplina 001.433 519.52 Soggetti Surveys Error analysis (Mathematics) Electronic books. Inglese Lingua di pubblicazione **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references (p. 367-382) and index. Nota di bibliografia Margins of Error: A Study of Reliability in Survey Measurement; Nota di contenuto Contents; Preface; Acknowledgments; Foreword; 1. Measurement Errors in Surveys: 1.1 Why Study Survey Measurement Error?: 1.2 Survey Errors; 1.3 Survey Measurement Errors; 1.4 Standards of Measurement; 1.5 Reliability of Measurement; 1.6 The Need for Further Research; 1.7 The Plan of this Book: 2. Sources of Survey Measurement Error: 2.1 The Ubiquity of Measurement Errors; 2.2 Sources of Measurement Error in Survey Reports; 2.3 Consequences of Measurement Error; 3. Reliability Theory for Survey Measures; 3.1 Key Notation 3.2 Basic Concepts of Classical Reliability Theory3.3 Nonrandom Measurement Error; 3.4 The Common-Factor Model Representation of CTST: 3.5 Scaling of Variables: 3.6 Designs for Reliability Estimation: 3.7 Validity and Measurement Error; 3.8 Reliability Models for Composite Scores; 3.9 Dealing with Nonrandom or Systematic Error; 3.10 Sampling Considerations; 3.11 Conclusions; 4. Reliability Methods

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## Sommario/riassunto

Enhance the quality of survey results by recognizing and reducing measurement errors. Margins of Error: A Study of Reliability in Survey Measurement demonstrates how and hwy identifying the presence and extent of measurement errors in survey data is essential for improving the overall collection and analysis of the data. The author outlines the consequences of ignoring survey measurement errors and also discusses ways to detect and estimate the impact of these errors. This book also provides recommendations of improving the quality of survey data. Logically organized and clearly wri