

1. Record Nr.	UNINA9910877033403321
Autore	Alwin Duane F (Duane Francis), <1944->
Titolo	Margins of error : a study of reliability in survey measurement // Duane F. Alwin
Pubbl/distr/stampa	Hoboken, N.J., : Wiley-Interscience, c2007
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
Disciplina	001.4/33
Soggetti	Surveys Error analysis (Mathematics)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. 367-382) and index.
Nota di contenuto	Margins of Error: A Study of Reliability in Survey Measurement; 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 for Multiple Measures; 4.1 Multiple Measures versus Multiple Indicators; 4.2 Multitrait-Multimethod Approaches; 4.3 Common-Factor Models of the MTMM Design 4.4 Classical True-Score Representation of the MTMM Model4.5 The

Growing Body of MTMM Studies; 4.6 An Example; 4.7 Critique of the MTMM Approach; 4.8 Where Are We?; 5. Longitudinal Methods for Reliability Estimation; 5.1 The Test-Retest Method; 5.2 Solutions to the Problem; 5.3 Estimating Reliability Using the Quasi-Markov Simplex Model; 5.4 Contributions of the Longitudinal Approach; 5.5 Components of the Survey Response; 5.6 Where to from Here?; 6. Using Longitudinal Data to Estimate Reliability Parameters; 6.1 Rationale for the Present Study; 6.2 Samples and Data 6.3 Domains of Measurement 6.4 Statistical Estimation Strategies; 6.5 Comparison of Methods of Reliability Estimation; 6.6 The Problem of Attrition; 6.7 Which Reliability Estimates?; 6.8 Conclusions; 7. The Source and Content of Survey Questions; 7.1 Source of Information; 7.2 Proxy Reports; 7.3 Content of Questions; 7.4 Summary and Conclusions; 8. Survey Question Context; 8.1 The Architecture of Survey Questionnaires; 8.2 Questions in Series versus Questions in Batteries; 8.3 Location in the Questionnaire; 8.4 Unit Length and Position in Series and Batteries 8.5 Length of Introductions to Series and Batteries 8.6 Conclusions; 9. Formal Properties of Survey Questions; 9.1 Question Form; 9.2 Types of Closed-Form Questions; 9.3 Number of Response Categories; 9.4 Unipolar versus Bipolar Scales; 9.5 Don't Know Options; 9.6 Verbal Labeling of Response Categories; 9.7 Survey Question Length; 9.8 Conclusions; 10. Attributes of Respondents; 10.1 Reliability as a Population Parameter; 10.2 Respondent Attributes and Measurement Error; 10.3 Age and Reliability of Measurement; 10.4 Schooling and Reliability of Measurement 10.5 Controlling for Schooling Differences

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
