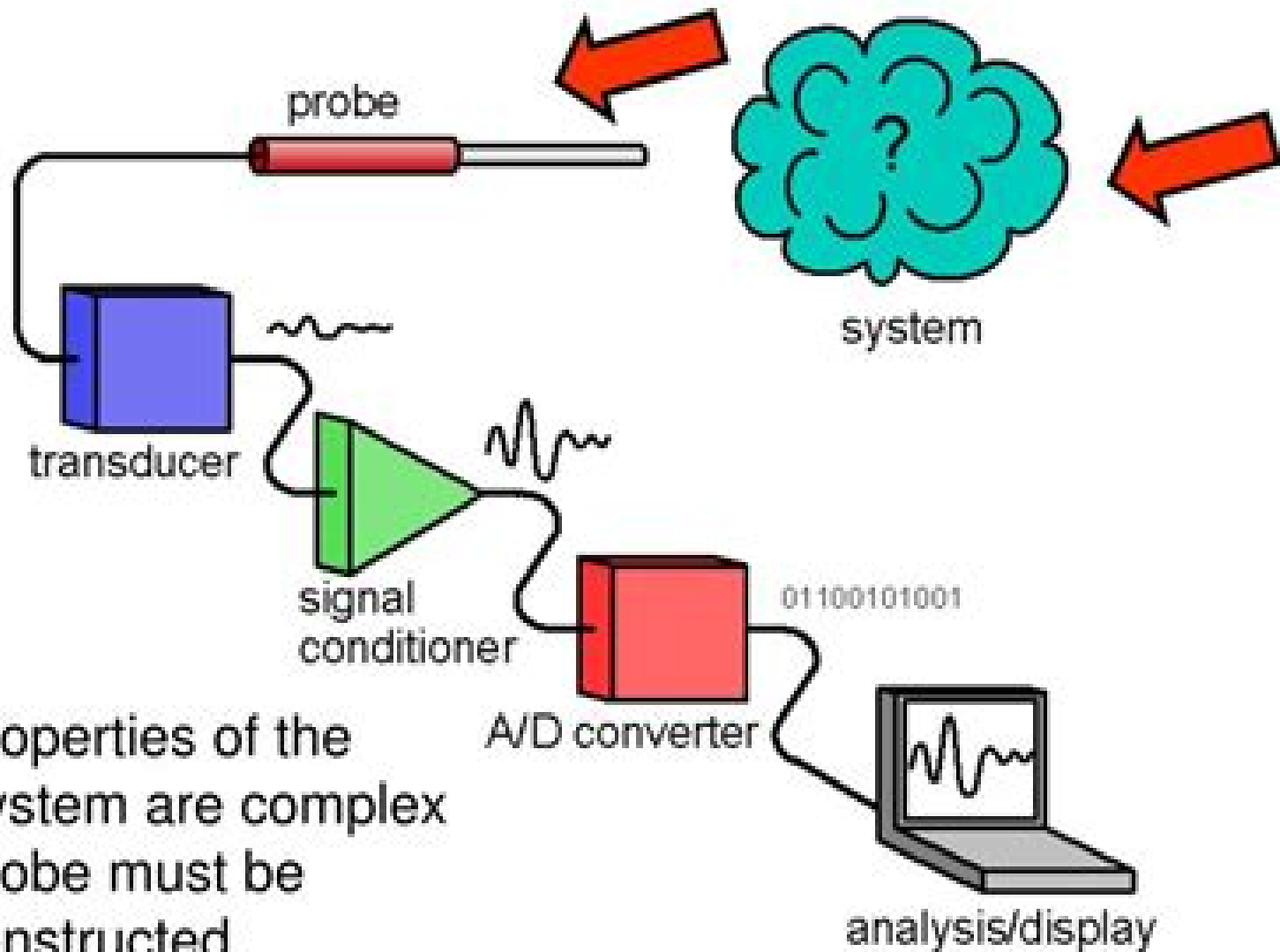


Social Measurement



Properties of the
System are complex
Probe must be
constructed

Principles Of Social Science Measurement

CO Houle



Principles Of Social Science Measurement:

Principles of Social Science Measurement James L. Payne, 1975 Measurement in the Social Sciences Richard A. Zeller, Edward G. Carmines, 1980-04-30 This textbook is designed to bridge the gap between the theorist and the methodologist by presenting an integrated approach to measurement By differentiating between random and systematic error it conveys both statistical techniques and their theoretical underpinnings essential to students of sociology and political science Rather than developing new technical methods of new theoretical structures Professors Zeller and Carmines provide thorough explanations of the assumptions limitations and interpretations of previously established techniques and theories Written at a level accessible to students of social science with some statistical training the book does not presume a sophisticated mathematical background By concentrating on synthesizing the methodological and theoretical realms Zeller and Carmines demonstrate why measurement considerations are important to research and how measurement principles can be most effectively applied **Measurement in the Social Sciences** Hubert M. Blalock, 2017-09-08 Among the frustrations constantly confronting the social scientist are those associated with the general process of measurement The importance of good measurement has long been recognized in principle but it has often been neglected in practice in many of the social sciences Now that the methodological tools of multivariate analysis simultaneous equation estimation and causal modeling are diffused more widely into the social sciences and now that the very serious implications of random and non random measurement errors are being systematically investigated it is all the more important that social scientists give top priority to the quality of their data and the clarity of their theoretical conceptualizations The book is organized so that one proceeds from problems of data collection to those of data analysis It is not intended to be a complete work covering all types of measurement problems that have arisen in the social sciences Instead it represents a series of studies that are deemed to be crucial for the advancement of social science research but which have not received sufficient attention in most of the social sciences The basic purpose is to stimulate further methodological research on measurement and to study the ways in which knowledge that has been accumulated in some fields may be generalized Part I is concerned with applying scaling approaches developed in psychometrics to problems that arise in other social sciences The focus is on finding better ways to ask questions of respondents so as to raise the level of measurement above that of simple ordinal scales Part II focuses on multiple indicator theory and strategies as applied to relatively complex models and to change data In this section the emphasis shifts to how one analyzes fallible data through the construction of explicit measurement error models Part III deals with the statistical analysis of ordinal data including the interpretation and empirical behaviors of various ordinal measures of association Measurement of Subjective Phenomena, 1981 *Measurement for the Social Sciences* John R. Rossiter, 2010-11-25 This book proposes a revolutionary new theory of construct measurement called C OAR SE for the social sciences The acronym is derived from the following key elements construct definition object representation attribute

classification rather than entity identification selection of item type enumeration and scoring The new theory is applicable to the design of measures of constructs in Management Marketing Information Systems Organizational Behavior Psychology Sociology C OAR SE is a rationally rather than empirically based theory and procedure It can be used for designing measures of the most complex and also the most basic constructs that we use in social science research C OAR SE is a radical alternative to the traditional empirically based psychometric approach and a considerable amount of the book's content is devoted to demonstrating why the psychometric approach does not produce valid measures The book argues that the psychometric approach has resulted in many misleading findings in the social sciences and has led to erroneous acceptance or rejection of many of our main theories and hypotheses and that the C OAR SE approach to measurement would correct this massive problem The main purpose of this book is to introduce and explain C OAR SE construct measurement theory in a way that will be understood by all social science researchers and that can be applied to designing new more valid measures Featuring numerous examples practical applications end of chapter questions and appendices the book will serve as an essential resource for students and professional researcher alike

Measurement Theory and Applications for the Social Sciences Deborah L. Bandalos, 2018-01-31 Which types of validity evidence should be considered when determining whether a scale is appropriate for a given measurement situation What about reliability evidence Using clear explanations illustrated by examples from across the social and behavioral sciences this engaging text prepares students to make effective decisions about the selection administration scoring interpretation and development of measurement instruments Coverage includes the essential measurement topics of scale development item writing and analysis and reliability and validity as well as more advanced topics such as exploratory and confirmatory factor analysis item response theory diagnostic classification models test bias and fairness standard setting and equating End of chapter exercises with answers emphasize both computations and conceptual understanding to encourage readers to think critically about the material

How Does Social Science Work? Paul Diesing, 1992-03-15 The culmination of a lifetime spent in a variety of fields sociology anthropology economics psychology and philosophy of science How Does Social Science Work takes an innovative sometimes iconoclastic look at social scientists at work in many disciplines It describes how they investigate and the kinds of truth they produce illuminating the weaknesses and dangers inherent in their research At once an analysis a critique and a synthesis this major study begins by surveying philosophical approaches to hermeneutics to examine the question of how social science ought to work It illustrates many of its arguments with untraditional examples such as the reception of the work of the political biographer Robert Caro to show the hermeneutical problems of ethnographers The major part of the book surveys sociological political and psychological studies of social science to get a rounded picture of how social science works Paul Diesing warns that social science exists between two opposite kinds of degeneration a value free professionalism that lives only for publications that show off the latest techniques and a deep social concern that uses science for propaganda He argues for greater self

awareness and humility among social scientists although he notes that some social scientists will angrily reject the thought that their personality affects their research in any way This profound and sometimes witty book will appeal to students and practitioners in the social sciences who are ready to take a fresh look at their field An extensive bibliography provides a wealth of references across an array of social science disciplines Rasch Measurement Theory Tejas Thakur, 2025-02-20

Rasch Measurement Theory A Complete Course is a comprehensive guide to understanding Rasch measurement theory We offer an essential resource for anyone interested in measurement theory educational assessment or social science research Rasch measurement theory named after Danish mathematician Georg Rasch provides a framework for developing valid and reliable measurement instruments Unlike traditional psychometric approaches Rasch measurement theory emphasizes the principles of measurement itself At the heart of Rasch measurement theory is the Rasch model which posits that the probability of a respondent endorsing an item on a scale depends on the relationship between the respondent's ability and the difficulty of the item This model forms the basis for various measurement applications We introduce the basic principles of Rasch measurement theory and provide step by step guidance on applying Rasch analysis to real world data Our book emphasizes practical applications with examples from education psychology and healthcare We also explore advanced topics such as differential item functioning DIF multidimensional Rasch models and item response theory IRT Throughout the book we offer tips for conducting Rasch analysis using software packages like RUMM Winsteps and jMetrik Epistemological and Ethical Aspects of Research in the Social Sciences Ulrich Dettweiler, Barbara Hanfstingl, Hannes Schröter, 2020-06-08

Handbook of Research Design and Social Measurement Delbert C. Miller, Neil J. Salkind, 2002-01-16 If a student researcher had only one handbook on their bookshelf Miller and Salkind's Handbook would certainly have to be it With the updated material the addition of the section on ethical issues which is so well done that I'm recommending it to the departmental representative to the university IRB and a new Part 4 on Qualitative Methods the new Handbook is an indispensable resource for researchers Dan Cover Department of Sociology Furman University I have observed that most instructors want to teach methodology their way to imbue the course with their own approach Miller Salkind allows one to do this easily The book is both conceptually strong e.g. very good coverage of epistemology research design and statistics and at the same time provides a wealth of practical knowledge scales indices professional organizations computer applications etc In addition it covers the waterfront of methodology Michael L. Vasu Director of Information Technology North Carolina State University A unique and excellent reference tool for all social science researchers and a good textbook for graduate students and senior year undergraduate classes These students are about to enter the real life of research and need a handy and comprehensive tool as a starting point that offers shortcuts for getting into real research projects For a small project the book offers enough information to get the project started For big projects the book is ideal for information on where to look for things and examples Jianhong Liu Department of Sociology Rhode Island College The book considered a necessity by

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