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*EDUCATIONAL and
PSYCHOLOGICAL*
MEASUREMENT

**A BIMONTHLY JOURNAL DEVOTED TO THE DEVELOPMENT AND
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Educational And Psychological Measurement

JA Banks



Educational And Psychological Measurement:

Educational and Psychological Measurement W. Holmes Finch, Brian F. French, 2018-10-12 This new text provides the most current coverage of measurement and psychometrics in a single volume Authors W Holmes Finch and Brian F French first review the basics of psychometrics and measurement before moving on to more complex topics such as equating and scaling item response theory standard setting and computer adaptive testing Also included are discussions of cutting edge topics utilized by practitioners in the field such as automated test development game based assessment and automated test scoring This book is ideal for use as a primary text for graduate level psychometrics measurement courses as well as for researchers in need of a broad resource for understanding test theory Features How it Works and Psychometrics in the Real World boxes break down important concepts through worked examples and show how theory can be applied to practice End of chapter exercises allow students to test their comprehension of the material while suggested readings and website links provide resources for further investigation A collection of free online resources include the full output from R SPSS and Excel for each of the analyses conducted in the book as well as additional exercises sample homework assignments answer keys and PowerPoint lecture slides

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Assessment Randy E. Bennett, Matthias von Davier, 2017-10-17 This book is open access under a CC BY NC 2 5 license This book describes the extensive contributions made toward the advancement of human assessment by scientists from one of the world s leading research institutions Educational Testing Service The book s four major sections detail research and development in measurement and statistics education policy analysis and evaluation scientific psychology and validity Many of the developments presented have become de facto standards in educational and psychological measurement including in item response theory IRT linking and equating differential item functioning DIF and educational surveys like the National Assessment of Educational Progress NAEP the Programme of international Student Assessment PISA the Progress of International Reading Literacy Study PIRLS and the Trends in Mathematics and Science Study TIMSS In addition to its comprehensive coverage of contributions to the theory and methodology of educational and psychological measurement and statistics the book gives significant attention to ETS work in cognitive personality developmental and social psychology and to education policy analysis and program evaluation The chapter authors are long standing experts who provide broad coverage and thoughtful insights that build upon decades of experience in research and best practices for measurement evaluation scientific psychology and education policy analysis Opening with a chapter on the genesis of ETS and closing with a synthesis of the enormously diverse set of contributions made over its 70 year history the book is a useful resource for all interested in the improvement of human assessment Educational and Psychological Measurement and Evaluation

Kenneth D. Hopkins, Julian C. Stanley, 1981 Educational and Psychological Measurement and Evaluation Julian C. Stanley, Kenneth D. Hopkins, 1972 Going into its eighth edition this book is a classic in the field of educational measurement It was written from the point of view of the classroom teacher to answer the question What does a teacher need to know about the development and evaluation of educational measures and assessments This book fosters an understanding of how assessment and instruction are interrelated It also cultivates learning the techniques and skills needed to develop tests and other evaluation procedures e g portfolios as well as teaches students to understand how to evaluate the validity and reliability of tests Unlike many books in educational measurement this book also gives readers what they need to know to

properly interpret the results from standardized achievement and scholastic aptitude tests Topics include test reliability and validity meaning and application of the norms extraneous factors that influence performance of cognitive tests the development of educational measures and more Teachers principals and counselors *Educational and Psychological Measurement and Evaluation* Kenneth D. Hopkins, Julian C. Stanley, B. R. Hopkins, 1990 **Validity in Educational and Psychological Assessment** Paul Newton, Stuart Shaw, 2014-04-15 Validity is the hallmark of quality for educational and psychological measurement But what does quality mean in this context And to what exactly does the concept of validity apply These apparently innocuous questions parachute the unwary inquirer into a minefield of tricky ideas This book guides you through this minefield investigating how the concept of validity has evolved from the nineteenth century to the present day Communicating complicated concepts straightforwardly the authors answer questions like What does validity mean What does it mean to validate How many different kinds of validity are there When does validation begin and end Is reliability a part of validity or distinct from it This book will be of interest to anyone with a professional or academic interest in evaluating the quality of educational or psychological assessments measurements and diagnoses *Educational and Psychological Measurement* W. Holmes Finch, Brian F. French, 2018-10-12 This new text provides the most current coverage of measurement and psychometrics in a single volume Authors W Holmes Finch and Brian F French first review the basics of psychometrics and measurement before moving on to more complex topics such as equating and scaling item response theory standard setting and computer adaptive testing Also included are discussions of cutting edge topics utilized by practitioners in the field such as automated test development game based assessment and automated test scoring This book is ideal for use as a primary text for graduate level psychometrics measurement courses as well as for researchers in need of a broad resource for understanding test theory Features How it Works and Psychometrics in the Real World boxes break down important concepts through worked examples and show how theory can be applied to practice End of chapter exercises allow students to test their comprehension of the material while suggested readings and website links provide resources for further investigation A collection of free online resources include the full output from R SPSS and Excel for each of the analyses conducted in the book as well as additional exercises sample homework assignments answer keys and PowerPoint lecture slides *Measurement and Evaluation in Psychology and Education* Robert M. Thorndike, Tracy Thorndike-Christ, 2013-09-27 In this classic introduction to educational and psychological measurement Thorndike and Thorndike Christ provide all of the pertinent information future professionals need to know in order to develop the skills to use test information wisely Incorporating standard measurement concepts as they apply to both educational and psychological assessments the new eighth edition continues to provide a technically rigorous treatment of the core issues in measurement in an easy to read easy to understand presentation In preparing students to become independent users of test information it describes problems in measurement explains how these problems are approached and solved surveys a broad

range of sources and provides guidance in how to find evaluate and use information about specific tests The new eighth edition of *Measurement and Evaluation in Psychology and Education* includes increased coverage of No Child Left Behind extended coverage of the role of ethics in tests and a new chapter on advanced topics in testing Part Two of the book has been reorganized to clarify concepts and the book as a whole has been streamlined and updated to include the most current research and testing information Intended for use in undergraduate or graduate level introductory courses in psychological and educational measurement *Measurement and Evaluation in Psychology and Education* focuses on basic issues in measurement provides a general overview that is not overly specialized *Technology and Testing* Fritz Drasgow, 2015-08-20 From early answer sheets filled in with number 2 pencils to tests administered by mainframe computers to assessments wholly constructed by computers it is clear that technology is changing the field of educational and psychological measurement The numerous and rapid advances have immediate impact on test creators assessment professionals and those who implement and analyze assessments This comprehensive new volume brings together leading experts on the issues posed by technological applications in testing with chapters on game based assessment testing with simulations video assessment computerized test development large scale test delivery model choice validity and error issues Including an overview of existing literature and ground breaking research each chapter considers the technological practical and ethical considerations of this rapidly changing area Ideal for researchers and professionals in testing and assessment *Technology and Testing* provides a critical and in depth look at one of the most pressing topics in educational testing today The Open Access version of this book available at <http://www.taylorfrancis.com> has been made available under a Creative Commons Attribution Non Commercial No Derivatives 4.0 license **Principles of Educational and Psychological Measurement and Evaluation** Sax, 1996-01-01 *Educational and Psychological Measurement and Evaluations* Richard Harrington, 2000-01

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