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## Understanding Statistics in the Behavioral Sciences

*Cengage Learning* Based on over 30 years of successful teaching experience in this course, Robert Pagano's introductory text takes an intuitive, concepts-based approach to descriptive and inferential statistics. He uses the sign test to introduce inferential statistics, empirically derived sampling distributions, many visual aids, and lots of interesting examples to promote student understanding. One of the hallmarks of this text is the positive feedback from students -- even students who are not mathematically inclined praise the text for its clarity, detailed presentation, and use of humor to help make concepts accessible and memorable. Thorough explanations precede the introduction of every formula, and the exercises that immediately follow include a step-by-step model that lets students compare their work against fully solved examples. This combination makes the text perfect for students taking their first statistics course in psychology or other social and behavioral sciences. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## Understanding and Investigating Response Processes in Validation Research

*Springer* This volume addresses an urgent need across multiple disciplines to broaden our understanding and use of response processes evidence of test validity. It builds on the themes and findings of the volume *Validity and Validation in Social, Behavioral, and Health Sciences* (Zumbo & Chan, 2014), with a focus on measurement validity evidence based on response processes. Approximately 1000 studies are published each year examining the validity of inferences made from tests and measures in the social, behavioural, and health sciences. The widely accepted *Standards for Educational and Psychological Testing* (1999, 2014) present five sources of evidence for validity: content-related, response processes, internal structure, relationships with other variables, and consequences of testing. Many studies focus on internal structure and relationships with other variables sources of evidence, which have a long history in validation research, known methodologies, and numerous exemplars in the literature. Far less is understood by test users and researchers conducting validation work about how to think about and apply new and emerging sources of validity evidence. This groundbreaking volume is the first to present conceptual models of response processes, methodological issues that arise in gathering response processes evidence, as well as applications and exemplars for providing response processes evidence in validation work.

## Research Essentials

## An Introduction to Designs and Practices

*John Wiley & Sons* This is an accessible and practical introduction to research that addresses the broadest spectrum of research methodologies of interest to the student or new research, from experimental and survey approaches to program evaluation and ethnography. *Research Essentials* includes key interpretive and qualitative strategies. The book shows the role that research plays in the social sciences and education, followed by an overview of research traditions. It offers practical examples and relevant resources across the disciplines. Other features include study questions, lists of relevant journals, web sites, and organizations.

## Comprehending Behavioral Statistics

*Wadsworth Publishing Company* Hurlburt's text offers an innovative approach to teaching and understanding statistics. Many students consider statistics their most intimidating subject, but Hurlburt uses a variety of learner-friendly approaches to help students to think clearly and confidently about statistical concepts. Students find his writing style inviting and clear; faculty find it exceptionally accurate and up to date. He provides a complete set of interactive audio/visual lectures (called "lectlets") to engage students who find that hearing enhances their comprehension. Hurlburt deftly employs repetition and a progressive, cumulative integration of concepts, so students build upon what they learn as they progress through the course. Hurlburt's unique "eyeball-estimation techniques," which garnered

high praise in previous editions, helps students gain experience in making educated guesses! New to this edition, **COMPREHENDING BEHAVIORAL STATISTICS, THIRD EDITION**, includes a **FREE Personal Trainer CD**--This hands-on CD contains 43 interactive audio/visual lectures (called "lectlets") covering all the concepts in the text. Students use the lectlets to prepare for class, to clarify concepts they didn't understand in class, to substitute for a missed class, and to review for exams. The **FREE Personal Trainer** also includes **ESTAT**, Hurlburt's unique eyeball-estimation software, which enables students to make an educated guess about the magnitude of a statistic without the use of a calculator or statistical tables. **ESTAT** includes **datagen**, the easiest-to-use statistical computational software. The **Personal Trainer CD** also includes interactive electronic review and multiple choice quizzes. The **Personal Trainer CD** is a dynamic and useful "after-class tutor" for any student struggling with statistics.

## Comprehending Behavioral Statistics

### The Behavioral and Social Sciences

### Achievements and Opportunities

*National Academies Press* This volume explores the scientific frontiers and leading edges of research across the fields of anthropology, economics, political science, psychology, sociology, history, business, education, geography, law, and psychiatry, as well as the newer, more specialized areas of artificial intelligence, child development, cognitive science, communications, demography, linguistics, and management and decision science. It includes recommendations concerning new resources, facilities, and programs that may be needed over the next several years to ensure rapid progress and provide a high level of returns to basic research.

## Smartphone-based Learning in the Japanese ESL Classroom

### A Case Study Report

*Cambridge Scholars Publishing* **Mobile Assisted Learning** emerged from **Computer Assisted Learning**, with researchers extending computer-based activities to mobile platforms, but differs from the latter in many ways. First, it is obviously mobile, but, second, smartphones have converged many features and software that were previously accessible through a range of digital tools. Thirdly, **Mobile Assisted Learning** allows interaction with social media. Educators are well-advised to consider smartphone video-based learning and to understand the many possibilities it affords. This book provides an account of the integration of smartphone video recording in the language classroom. It outlines and reports on the implementation process and the practical issues related to this learning method. Using simple digital storytelling, and mini-documentary filmmaking, students are able to learn to speak in a foreign language, while at the same time exploring and experimenting with video production. As such, this book will take readers on a journey through various educational concepts that enhance the formulation of a smartphone based learning approach, as well as suggesting that digital video production is not just a task, it is a 21st century skill necessary for all academics and learners.

## A Guide to Teaching Statistics

### Innovations and Best Practices

*John Wiley & Sons* **A Guide to Teaching Statistics: Innovations and Best Practices** addresses the critical aspects of teaching statistics to undergraduate students, acting as an invaluable tool for both novice and seasoned teachers of statistics. Guidance on textbook selection, syllabus construction, and course outline Classroom exercises, computer applications, and Internet resources designed to promote active learning Tips for incorporating real data into course content Recommendations on integrating ethics and diversity topics into statistics education Strategies to assess student's statistical literacy, thinking, and reasoning skills Additional material online at <http://www.teachstats.org/>

## Statistical Reasoning in the Behavioral Sciences

*John Wiley & Sons* Cited by more than 300 scholars, **Statistical Reasoning in the Behavioral Sciences** continues to provide streamlined resources and easy-to-understand information on statistics in the behavioral sciences and related fields, including psychology, education, human resources management, and sociology. Students and professionals in the behavioral sciences will develop an understanding of statistical logic and procedures, the properties of statistical devices, and the importance of the assumptions underlying statistical tools. This revised and updated edition continues to follow the recommendations of the **APA Task Force on Statistical Inference** and greatly expands the

information on testing hypotheses about single means. The Seventh Edition moves from a focus on the use of computers in statistics to a more precise look at statistical software. The “Point of Controversy” feature embedded throughout the text provides current discussions of exciting and hotly debated topics in the field. Readers will appreciate how the comprehensive graphs, tables, cartoons and photographs lend vibrancy to all of the material covered in the text.

## Basic Statistics for the Behavioral Sciences

*Cengage Learning* Packed with real-world illustrations and the latest data available, **BASIC STATISTICS FOR THE BEHAVIORAL SCIENCES, 7e** demystifies and fully explains statistics in a lively, reader-friendly format. The author's clear, patiently crafted explanations with an occasional touch of humor, teach readers not only how to compute an answer but also why they should perform the procedure or what their answer reveals about the data. Offering a conceptual-intuitive approach, this popular book presents statistics within an understandable research context, deals directly and positively with potential weaknesses in mathematics, and introduces new terms and concepts in an integrated way. Available with InfoTrac Student Collections <http://gocengage.com/infotrac>. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## Intercultural Communication

### A Canadian Perspective

*Canadian Scholars* This text is a practical guide that provides readers with effective approaches to communication theories and strategies and offers a wealth of tools for enhancing communication both in Canada and abroad. Informed by the authors' intersection of cultural identities and lived experiences, **Intercultural Communication** demonstrates how communicative practices are established and influenced within societal realms. Readers' understanding of culture is widened beyond discussions of race and ethnicity by critically examining factors like age, familial roles, sex, gender, socioeconomic status, and disability. Guided through real and complex scenarios, this text explores how different social and cultural practices present implications for communication, demonstrating how to manage conversations in appropriate and meaningful ways. Key topics include verbal and non-verbal communication, cultural values, self-awareness, and digital communications. Case studies, practical activities, and thought-provoking questions accompany each chapter, helping students to explore their own attitudes and actions through self-reflection. This invaluable and comprehensive guide is ideal for students enrolled in intercultural communication and cross-cultural communication courses, including studies in business, education, social work, health care, and law enforcement.

## Handbook of Research on Technology Tools for Real-World Skill Development

*IGI Global* Education is expanding to include a stronger focus on the practical application of classroom lessons in an effort to prepare the next generation of scholars for a changing world economy centered on collaborative and problem-solving skills for the digital age. The **Handbook of Research on Technology Tools for Real-World Skill Development** presents comprehensive research and discussions on the importance of practical education focused on digital literacy and the problem-solving skills necessary in everyday life. Featuring timely, research-based chapters exploring the broad scope of digital and computer-based learning strategies including, but not limited to, enhanced classroom experiences, assessment programs, and problem-solving training, this publication is an essential reference source for academicians, researchers, professionals, and policymakers interested in the practical application of technology-based learning for next-generation education.

## Education and Technology Support for Children and Young Adults With ASD and Learning Disabilities

*IGI Global* Among the disabilities covered at the state and federal levels, autism and related conditions are a sharply growing diagnostic category among children and young adults. In education, administrators and practitioners working with affected learners are continually faced with confronting difficult problems such as getting adequate personnel training and choosing appropriate tools and techniques that best fit the specific needs of their students while at the same time satisfying their budget, technical resources, curriculum, and profile of the ASD population they serve. The choice of appropriate tools is especially complex due to the intrinsic connection between technical specifications, educational/therapeutic methods, and the wide variety of ASDs and related conditions. In this respect, tools chosen to support children may need to target those diagnosed not only with ASD but also with such co-morbidity conditions as attention deficit disorder. The instructional strategies and use of technology currently have room for improvement for online, hybrid, and face-to-face counseling settings. Also, an effective evaluation of educational technologies and tools would be fundamentally incomplete without a thorough understanding and assessment of the related special education practices as well as psychological and neurological issues specific for ASD and learning disabilities.

**Education and Technology Support for Children and Young Adults With ASD and Learning Disabilities** provides an in-depth analysis on the use of available technology solutions, instructional design methods, and assessment techniques in the context of standards and regulations in classroom or counseling settings. The chapters contain theoretical analyses, vital practical information, and case studies that can function as guidelines for those involved in helping children and young adults with ASD or learning disabilities in online, hybrid, or face-to-face environments. While highlighting topics such as inclusive education, online gaming environments, assistive technologies, and cognitive development, this book is ideally intended for administrators, instructional technology specialists, special education faculty, counselors, instructional designers, course developers, social workers, and psychologists along with practitioners, stakeholders, researchers, and academicians interested in education and technology support for children and young adults with ASD and learning disabilities.

## Reaching an Understanding

### Innovations in How We View Reading Assessment

*R&L Education* **Reaching an Understanding: Innovations in How We View Reading Assessment** builds upon the editors' previous book **Measuring Up: Advances in How We Assess Reading Ability** by representing some early attempts to apply theory to help guide the development of new assessments and measurement models. **Reaching an Understanding** is divided into two sections: "assessment, learning, and instruction: connecting text, task, and reader/learner" and "how to build for the future". These sections identify ways to assess students' reading comprehension through multiple text sources, purpose readings, and assessment while a student is reading in order to determine deficits. In light of federal legislation towards common core standards and assessments, as well as significant national investments in reading and literacy education, it is a critical and opportune time to bring together the research and measurement community to address fundamental issues of measuring reading comprehension, in theory and in practice.

## Human Behavior in the Social Environment

### Perspectives on Development and the Life Course

*Taylor & Francis* The new, sixth edition of **Human Behavior in the Social Environment: Perspectives on Development and the Life Course** deepens students' understanding of the major theories, themes, and issues related to people and how they interact and change over the life span and with respect to their social environments. The new edition has been updated to reflect and build on new developments and awareness related to systemic racism and social justice and mental health and health-related concerns that were exacerbated and exposed by the pandemic. The text also comes with a rich companion website that includes support materials and six unique cases that encourage students to learn by doing and to apply their knowledge of human behavior to practice. The book works to: Provide balanced, thorough, and accessible coverage of the major theories and perspectives that social workers utilize to understand and address the myriad problems their clients encounter; Integrate crucial information on life course development, associated development phases, and related problem areas into a single, engaging framework; Stimulate classroom discussion and application around key concepts, themes, and issues. The content in this text is supported by a range of fully updated instructor-led and student resources - including presentations; sample test questions; recommended readings; and links for further study/applications to current events - that are available on its companion website, [www.routledgesw.com](http://www.routledgesw.com). Comprehensive, engaging, and filled with examples for students to learn how to apply their burgeoning knowledge to realistic practice issues, the new edition of **Human Behavior in the Social Environment** remains invaluable as a tool for courses by the same name in undergraduate and graduate curriculums.

## Statistical Methods for Psychology

*Cengage Learning* **STATISTICAL METHODS FOR PSYCHOLOGY** surveys the statistical techniques commonly used in the behavioral and social sciences, particularly psychology and education. To help students gain a better understanding of the specific statistical hypothesis tests that are covered throughout the text, author David Howell emphasizes conceptual understanding. This Eighth Edition continues to focus students on two key themes that are the cornerstones of this book's success: the importance of looking at the data before beginning a hypothesis test, and the importance of knowing the relationship between the statistical test in use and the theoretical questions being asked by the experiment. New and expanded topics--reflecting the evolving realm of statistical methods--include effect size, meta-analysis, and treatment of missing data. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## Understanding Statistics

*Wadsworth Publishing Company* This statistics text for social/behavioral science students focuses on making statistics mathematically un intimidating (single subscript notation throughout). Topics are introduced and discussed in conjunction with exciting, contemporary, real-world examples. Includes ample practice problems. All completely

solved.

## Statistical Methods for the Social and Behavioural Sciences

### A Model-Based Approach

*SAGE* Statistical methods in modern research increasingly entail developing, estimating and testing models for data. Rather than rigid methods of data analysis, the need today is for more flexible methods for modelling data. In this logical, easy-to-follow and exceptionally clear book, David Flora provides a comprehensive survey of the major statistical procedures currently used. His innovative model-based approach teaches you how to: Understand and choose the right statistical model to fit your data Match substantive theory and statistical models Apply statistical procedures hands-on, with example data analyses Develop and use graphs to understand data and fit models to data Work with statistical modeling principles using any software package Learn by applying, with input and output files for R, SAS, SPSS, and Mplus. *Statistical Methods for the Social and Behavioural Sciences: A Model Based Approach* is the essential guide for those looking to extend their understanding of the principles of statistics, and begin using the right statistical modeling method for their own data. It is particularly suited to second or advanced courses in statistical methods across the social and behavioural sciences.

## Understanding Statistics in the Behavioral Sciences

*Cengage Learning* Based on over 30 years of successful teaching experience in this course, Robert Pagano's introductory text takes an intuitive, concepts-based approach to descriptive and inferential statistics. He uses the sign test to introduce inferential statistics, empirically derived sampling distributions, many visual aids, and lots of interesting examples to promote student understanding. One of the hallmarks of this text is the positive feedback from students -- even students who are not mathematically inclined praise the text for its clarity, detailed presentation, and use of humor to help make concepts accessible and memorable. Thorough explanations precede the introduction of every formula, and the exercises that immediately follow include a step-by-step model that lets students compare their work against fully solved examples. This combination makes the text perfect for students taking their first statistics course in psychology or other social and behavioral sciences. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## Introductory Statistics for the Behavioral Sciences

*John Wiley & Sons* This title has been thoroughly revised and presents all the topics psychology students need in an accessible format so that the subject can be easily grasped. *Introductory Statistics for the Behavioral Sciences* has had a long and successful publication history; it has been in print continuously for over thirty years.

## Financial Literacy and the Limits of Financial Decision-Making

*Springer* This book presents selected papers on the factors that serve to influence an individual's capacity in financial decision-making. Initial chapters provide an overview of the cognitive factors affecting financial decisions and suggest a link between limited cognitive capacity and the need for financial education. The book then expands on these cognitive limitations to explore the tendency for overconfidence in decision-making and the interplay between rational and irrational factors. Later contributions show how credit card companies benefit from limitations in consumer financial literacy, how gender and cognition intersect to play an important role in financial decision-making, and how to improve financial capacity through financial literacy and education campaigns, including those addressing developed marketplaces. This comprehensive collection of papers will be of value to all readers who seek to better understand the multi-factorial and complex nature of personal financial management in today's economic climate.

## Elements of Statistical Reasoning

*Wiley* This text stresses conceptual development and the logic of statistics for use in the Behavioral Sciences. It is designed for those who need to evaluate statistical findings. Coverage includes estimation procedures, independent samples t-test, Steven's scales of measurements, Pearson correlation coefficient. Updated to include Turkey's HSD test on factorial analysis of variance and Spearman's rho on assumption-free tests and all chapter have been edited to enhance clarity and flow, to simplify numbers in the worked problems, and to align all examples with the behavioral sciences.

## Whither Opportunity?

### Rising Inequality, Schools, and Children's Life Chances

*Russell Sage Foundation* As the incomes of affluent and poor families have diverged over the past three decades, so too has the educational performance of their children. But how exactly do the forces of rising inequality affect the educational attainment and life chances of low-income children? In *Whither Opportunity?* a distinguished team of economists, sociologists, and experts in social and education policy examines the corrosive effects of unequal family resources, disadvantaged neighborhoods, insecure labor markets, and worsening school conditions on K-12 education. This groundbreaking book illuminates the ways rising inequality is undermining one of the most important goals of public education—the ability of schools to provide children with an equal chance at academic and economic success. The most ambitious study of educational inequality to date, *Whither Opportunity?* analyzes how social and economic conditions surrounding schools affect school performance and children's educational achievement. The book shows that from earliest childhood, parental investments in children's learning affect reading, math, and other attainments later in life. Contributor Meredith Phillip finds that between birth and age six, wealthier children will have spent as many as 1,300 more hours than poor children on child enrichment activities such as music lessons, travel, and summer camp. Greg Duncan, George Farkas, and Katherine Magnuson demonstrate that a child from a poor family is two to four times as likely as a child from an affluent family to have classmates with low skills and behavior problems - attributes which have a negative effect on the learning of their fellow students. As a result of such disparities, contributor Sean Reardon finds that the gap between rich and poor children's math and reading achievement scores is now much larger than it was fifty years ago. And such income-based gaps persist across the school years, as Martha Bailey and Sue Dynarski document in their chapter on the growing income-based gap in college completion. *Whither Opportunity?* also reveals the profound impact of environmental factors on children's educational progress and schools' functioning. Elizabeth Ananat, Anna Gassman-Pines, and Christina Gibson-Davis show that local job losses such as those caused by plant closings can lower the test scores of students with low socioeconomic status, even students whose parents have not lost their jobs. They find that community-wide stress is most likely the culprit. Analyzing the math achievement of elementary school children, Stephen Raudenbush, Marshall Jean, and Emily Art find that students learn less if they attend schools with high student turnover during the school year - a common occurrence in poor schools. And David Kirk and Robert Sampson show that teacher commitment, parental involvement, and student achievement in schools in high-crime neighborhoods all tend to be low. For generations of Americans, public education provided the springboard to upward mobility. This pioneering volume casts a stark light on the ways rising inequality may now be compromising schools' functioning, and with it the promise of equal opportunity in America.

## The Future of the Public's Health in the 21st Century

*National Academies Press* The anthrax incidents following the 9/11 terrorist attacks put the spotlight on the nation's public health agencies, placing it under an unprecedented scrutiny that added new dimensions to the complex issues considered in this report. *The Future of the Public's Health in the 21st Century* reaffirms the vision of Healthy People 2010, and outlines a systems approach to assuring the nation's health in practice, research, and policy. This approach focuses on joining the unique resources and perspectives of diverse sectors and entities and challenges these groups to work in a concerted, strategic way to promote and protect the public's health. Focusing on diverse partnerships as the framework for public health, the book discusses: The need for a shift from an individual to a population-based approach in practice, research, policy, and community engagement. The status of the governmental public health infrastructure and what needs to be improved, including its interface with the health care delivery system. The roles nongovernment actors, such as academia, business, local communities and the media can play in creating a healthy nation. Providing an accessible analysis, this book will be important to public health policy-makers and practitioners, business and community leaders, health advocates, educators and journalists.

## Proposed Revisions to the Common Rule for the Protection of Human Subjects in the Behavioral and Social Sciences

*National Academies Press* **Proposed Revisions to the Common Rule for the Protection of Human Subjects in the Behavioral and Social Sciences** examines how to update human subjects protections regulations so that they effectively respond to current research contexts and methods. With a specific focus on social and behavioral sciences, this consensus report aims to address the dramatic alterations in the research landscapes that institutional review boards (IRBs) have come to inhabit during the past 40 years. The report aims to balance respect for the individual persons whose consent to participate makes research possible and respect for the social benefits that productive research communities make possible. The ethics of human subjects research has captured scientific and regulatory attention for half a century. To keep abreast of the universe of changes that factor into the ethical conduct of research today, the Department of

Health and Human Services published an Advance Notice of Proposed Rulemaking (ANPRM) in July 2011. Recognizing that widespread technological and societal transformations have occurred in the contexts for and conduct of human research since the passage of the National Research Act of 1974, the ANPRM revisits the regulations mandated by the Act in a correspondingly comprehensive manner. Its proposals aim to modernize the Common Rule and to improve the efficiency of the work conducted under its auspices. Proposed Revisions to the Common Rule for the Protection of Human Subjects in the Behavioral and Social Sciences identifies issues raised in the ANPRM that are critical and feasible for the federal government to address for the protection of participants and for the advancement of the social and behavioral sciences. For each identified issue, this report provides guidance for IRBs on techniques to address it, with specific examples and best practice models to illustrate how the techniques would be applied to different behavioral and social sciences research procedures.

## Learning Statistics with R

*Lulu.com*

## Collaborative Home/School Interventions

## Evidence-Based Solutions for Emotional, Behavioral, and Academic Problems

*Guilford Press* Parents can be invaluable partners in identifying students' behavioral and learning needs and developing effective solutions. This book provides practical tools for collaborating with families to achieve the best outcomes for K-12 students. In a large-size format with lay-flat binding for easy reference and photocopying, the book includes more than 40 ready-to-use reproducibles. School-based mental health professionals will learn how to build positive home/school relationships, actively involve parents in assessment and intervention, and overcome barriers to collaboration. The latest research on what works in treating internalizing, externalizing, and academic difficulties is translated into clear-cut recommendations for practice. This book is in The Guilford Practical Intervention in the Schools Series, edited by T. Chris Riley-Tillman.

## Statistics and Scaling in Turbulent Rayleigh-Bénard Convection

*Springer Science & Business Media* This Brief addresses two issues of interest of turbulent Rayleigh-Bénard convection. The first issue is the characterization and understanding of the statistics of the velocity and temperature fluctuations in the system. The second issue is the revelation and understanding of the nature of the scaling behavior of the velocity temperature structure functions. The problem under the Oberbeck-Boussinesq approximation is formulated. The statistical tools, including probability density functions (PDF) and conditional statistics, for studying fluctuations are introduced, and implicit PDF formulae for fluctuations obeying certain statistical symmetries are derived. Applications of these PDF formulae to study the fluctuations in turbulent Rayleigh-Bénard convection are then discussed. The phenomenology of the different types of scaling behavior: the Bolgiano-Obukhov scaling behavior when buoyancy effects are significant and the Kolmogorov-Obukhov-Corrsin scaling behavior when they are not, is introduced. A crossover between the two types of scaling behavior is expected to occur at the Bolgiano length scale above which buoyancy is important. The experimental observations are reviewed. In the central region of the convective cell, the Kolmogorov-Obukhov-Corrsin scaling behavior has been observed. On the other hand, the Bolgiano-Obukhov scaling remains elusive only until recently. By studying the dependence of the conditional temperature structure functions on the locally averaged thermal dissipation rate, evidence for the Bolgiano-Obukhov scaling has recently been found near the bottom plate. The different behaviors observed in the two regions could be attributed to the different size of the Bolgiano scale. What physics determines the relative size of the Bolgiano scale remains to be understood. The Brief is concluded by a discussion of these outstanding issues.

## Basic Statistics for the Behavioral Sciences

*Allyn & Bacon* This work stresses the understanding, applications and interpretation of concepts rather than derivation and proof or hand-computation. Selection of topics in the book was guided by three considerations: what are the most useful statistical methods?; which statistical methods are the most widely used in journals in the behavioural and social sciences?; and which statistical methods are fundamental to further study?

## Human Development: A Life-Span View

*Cengage Learning* Balanced coverage of the entire life span is just one thing that distinguishes HUMAN DEVELOPMENT: A LIFE-SPAN VIEW, Seventh Edition. With its comprehensive, succinct, and applied coverage, the text has proven its ability to capture students' interest while introducing them to the issues, forces, and outcomes that make us who we

are. Robert V. Kail's expertise in childhood and adolescence, combined with John C. Cavanaugh's extensive research in gerontology, result in a book with a rich description of all life-span stages and important topics. A modified chronological approach traces development in sequential order from conception through late life, while also dedicating several chapters to key topical issues. This organization also allows the book to be relatively briefer than other texts, a benefit given the enormous amount of information covered in the course. The authors provide theoretical and empirical foundations that enable students to become educated, critical interpreters of developmental information. A blend of basic and applied research, as well as coverage of controversial topics and emergent trends, demonstrates connections between the laboratory and life. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

## Dialogues in Music Therapy and Music Neuroscience: Collaborative Understanding Driving Clinical Advances

*Frontiers Media SA* Music is a complex, dynamic stimulus with an un-paralleled ability to stimulate a global network of neural activity involved in attention, emotion, memory, communication, motor co-ordination and cognition. As such, it provides neuroscience with a highly effective tool to develop our understanding of brain function, connectivity and plasticity. Increasingly sophisticated neuroimaging technologies have enabled the expanding field of music neuroscience to reveal how musical experience, perception and cognition may support neuroplasticity, with important implications for the rehabilitation and assessment of those with acquired brain injuries and neurodegenerative conditions. Other studies have indicated the potential for music to support arousal, attention and emotional regulation, suggesting therapeutic applications for conditions including ADHD, PTSD, autism, learning disorders and mood disorders. In common with neuroscience, the music therapy profession has advanced significantly in the past 20 years. Various interventions designed to address functional deficits and health care needs have been developed, alongside standardised behavioural assessments. Historically, music therapy has drawn its evidence base from a number of contrasting theoretical frameworks. Clinicians are now turning to neuroscience, which offers a unifying knowledge base and frame of reference to understand and measure therapeutic interventions from a biomedical perspective. Conversely, neuroscience is becoming more enriched by learning about the neural effects of 'real world' clinical applications in music therapy. While neuroscientific imaging methods may provide biomarking evidence for the efficacy of music therapy interventions it also offers important tools to describe time-locked interactive therapy processes and feeds into the emerging field of social neuroscience. Music therapy is bound to the process of creating and experiencing music together in improvisation, listening and reflection. Thus the situated cognition and experience of music developing over time and in differing contexts is of interest in time series data. We encouraged researchers to submit papers illustrating the mutual benefits of dialogue between music therapy and other disciplines important to this field, particularly neuroscience, neurophysiology, and neuropsychology. The current eBook consists of the peer reviewed responses to our call for papers.

## Use of Visual Displays in Research and Testing Coding, Interpreting, and Reporting Data

*IAP* Visual displays play a crucial role in knowledge generation and communication. The purpose of the volume is to provide researchers with a framework that helps them use visual displays to organize and interpret data; and to communicate their findings in a comprehensible way within different research (e.g., quantitative, mixed methods) and testing traditions that improves the presentation and understanding of findings. Further, this book includes contributions from leading scholars in testing and quantitative, qualitative, and mixed methods research, and results reporting. The volume's focal question is: What are the best principles and practices for the use of visual displays in the research and testing process, which broadly includes the analysis, organization, interpretation, and communication of data? The volume is organized into four sections. Section I provides a rationale for this volume; namely, that including visual displays in research and testing can enhance comprehension and processing efficiency. Section II includes addresses theoretical frameworks and universal design principles for visual displays. Section III examines the use of visual displays in quantitative, qualitative, and mixed methods research. Section IV focuses on using visual displays to report testing and assessment data.

## Applied Statistics for the Behavioral Sciences

*Houghton Mifflin College Division* Written for students studying in a variety of social science areas, not solely the psychology student, this book is designed to give each student a conceptual understanding of the basic statistical procedures used in behavioral sciences.

## Study Guide for Understanding Nursing Research E-Book

## Building an Evidence-Based Practice

*Elsevier Health Sciences* Use this practical study guide to get more out of Grove & Gray's *Understanding Nursing Research, 8th Edition!* With chapters corresponding to the textbook, this workbook provides exercises that build your knowledge and boost your critical appraisal skills. It offers hands-on practice in applying nursing research to evidence-based practice while reinforcing the steps of the research process. Like the textbook, this edition includes a stronger emphasis on critical appraisal – with an appendix of three published research studies referenced in exercises throughout the book. Time-tested and innovative exercises reinforce key concepts with fill-in-the-blank, matching, and multiple-choice questions, with exercises including Terms and Definitions, Linking Ideas, Web-Based Information and Resources, and Conducting Critical Appraisals to Build an Evidence-Based Practice. Critical Appraisal activities provide opportunities to apply your research knowledge to evaluate the quantitative, qualitative, and mixed methods studies located in the appendices. Appraisal Guidelines provide step-by-step guidance in critically appraising published research literature. Quick-reference printed tabs in the print edition make it easy to locate the Answer Key and each of the book's three published studies in the appendices. Answer Key is provided for the exercises in each chapter, allowing you to check your understanding and learn from your mistakes. **NEW!** Increased focus on critical appraisal for evidence-based practice corresponds to the emphasis on critical appraisal in the text. **NEW!** Updated content corresponds to the 8th edition of Grove & Gray's *Understanding Nursing Research* textbook. **NEW!** Updated full-text articles reflect the most current, high-quality research studies.

## Improving Adult Literacy Instruction

### Options for Practice and Research

*National Academies Press* A high level of literacy in both print and digital media is required for negotiating most aspects of 21st-century life, including supporting a family, education, health, civic participation, and competitiveness in the global economy. Yet, more than 90 million U.S. adults lack adequate literacy. Furthermore, only 38 percent of U.S. 12th graders are at or above proficient in reading. *Improving Adult Literacy Instruction* synthesizes the research on literacy and learning to improve literacy instruction in the United States and to recommend a more systemic approach to research, practice, and policy. The book focuses on individuals ages 16 and older who are not in K-12 education. It identifies factors that affect literacy development in adolescence and adulthood in general, and examines their implications for strengthening literacy instruction for this population. It also discusses technologies for learning that can assist with multiple aspects of teaching, assessment, and accommodations for learning. There is inadequate knowledge about effective instructional practices and a need for better assessment and ongoing monitoring of adult students' proficiencies, weaknesses, instructional environments, and progress, which might guide instructional planning. *Improving Adult Literacy Instruction* recommends a program of research and innovation to validate, identify the boundaries of, and extend current knowledge to improve instruction for adults and adolescents outside school. The book is a valuable resource for curriculum developers, federal agencies such as the Department of Education, administrators, educators, and funding agencies.

## A Comparison of Online Shopping Behavior of American and German Consumers

*GRIN Verlag* Diploma Thesis from the year 2004 in the subject Business economics - Marketing, Corporate Communication, CRM, Market Research, Social Media, grade: 2,7, University of Duisburg-Essen, language: English, abstract: "A profound shift in the economy is underway - the industrial age economy is rapidly giving way to the Internet age economy."<sup>1</sup> Four years after the New Economy crash the Internet Economy is booming and hopes that mobile offers will further increase the speed.<sup>2</sup> With the number of online sales for goods and services increasing every day<sup>3</sup>, online shopping - with sales growth rates outpacing traditional retailing purchases - has become one of the fastest growing forms of shopping<sup>4</sup>. The statement above explains the reason why the term Electronic Commerce has kept both business research and business practice as occupied as barely any other term, in the last years.<sup>5</sup> Warren D. Raisch writes about this shift in the economy that "the global development and acceptance of the Internet as the new standard for communication and commerce provides us with a powerful new global Internet-based E-Business network (...)."<sup>6</sup> Realizing that we live in a global marketplace with international trade<sup>7</sup> additionally pushed by the Internet, companies face a stronger competition and the need to create more value for customers than their competitors. In this context, it is important for companies to realize that, through the Internet, there is a power shift to the customer. Furthermore, as customers will demand and tolerate only delighting buying experiences, it is a necessity to capture and analyze information about buying behavior in the 21st century business.<sup>8</sup> When talking about E-Commerce, which is a part of Electronic Business (E-Business), describing the sale of goods and services via the Internet targeting a mass market<sup>9</sup>, the following two areas have to be differentiated: Business-to-Customer (B2C) E-Commerce, meaning the settlement of buying contracts between a commercial seller and an end-consumer via electronic media, and Business-to-Business (B2B) E-Commerce, describing the same action but between two commercial business partners.<sup>10</sup> <sup>11</sup> In this paper, the focus lies on B2C E-Commerce as this is the most interesting area regarding marketing.<sup>12</sup> <sup>13</sup>

Therefore, to better understand the online purchase behavior of private consumers, in the frame of the following analysis the influencing factors of shopping over the Internet are examined. Since determining the factors influencing online shopping behavior also discovers those factors hindering the usage of the Internet as a shopping platform, suggestions to improve and adjust online offers appropriately can be made.<sup>14</sup>

## Handbook of Research on Emerging Developments in Data Privacy

*IGI Global* Data collection allows today's businesses to cater to each customer's individual needs and provides a necessary edge in a competitive market. However, any breach in confidentiality can cause serious consequences for both the consumer and the company. The Handbook of Research on Emerging Developments in Data Privacy brings together new ideas on how to deal with potential leaks of valuable customer information. Highlighting the legal aspects of identity protection, trust and security, and detection techniques, this comprehensive work is a valuable resource for any business, legal, or technology professional looking to improve information security within their organization.

## Information Quality

### The Potential of Data and Analytics to Generate Knowledge

*John Wiley & Sons* Provides an important framework for data analysts in assessing the quality of data and its potential to provide meaningful insights through analysis. Analytics and statistical analysis have become pervasive topics, mainly due to the growing availability of data and analytic tools. Technology, however, fails to deliver insights with added value if the quality of the information it generates is not assured. Information Quality (InfoQ) is a tool developed by the authors to assess the potential of a dataset to achieve a goal of interest, using data analysis. Whether the information quality of a dataset is sufficient is of practical importance at many stages of the data analytics journey, from the pre-data collection stage to the post-data collection and post-analysis stages. It is also critical to various stakeholders: data collection agencies, analysts, data scientists, and management. This book: Explains how to integrate the notions of goal, data, analysis and utility that are the main building blocks of data analysis within any domain. Presents a framework for integrating domain knowledge with data analysis. Provides a combination of both methodological and practical aspects of data analysis. Discusses issues surrounding the implementation and integration of InfoQ in both academic programmes and business / industrial projects. Showcases numerous case studies in a variety of application areas such as education, healthcare, official statistics, risk management and marketing surveys. Presents a review of software tools from the InfoQ perspective along with example datasets on an accompanying website. This book will be beneficial for researchers in academia and in industry, analysts, consultants, and agencies that collect and analyse data as well as undergraduate and postgraduate courses involving data analysis.

### Building Mathematical Comprehension: Using Literacy Strategies to Make Meaning

*Shell Education* Apply familiar reading comprehension strategies and relevant research to mathematics instruction to aid in building students' comprehension in mathematics. This resource demonstrates how to facilitate student learning to build schema and make connections among concepts. In addition, it provides clear strategies to help students ask good questions, visualize mathematics, and synthesize their understanding. This resource is aligned to College and Career Readiness Standards.

### Behavioral Finance: The Second Generation

*CFA Institute Research Foundation* Behavioral finance presented in this book is the second-generation of behavioral finance. The first generation, starting in the early 1980s, largely accepted standard finance's notion of people's wants as "rational" wants—restricted to the utilitarian benefits of high returns and low risk. That first generation commonly described people as "irrational"—succumbing to cognitive and emotional errors and misled on their way to their rational wants. The second generation describes people as normal. It begins by acknowledging the full range of people's normal wants and their benefits—utilitarian, expressive, and emotional—distinguishes normal wants from errors, and offers guidance on using shortcuts and avoiding errors on the way to satisfying normal wants. People's normal wants include financial security, nurturing children and families, gaining high social status, and staying true to values. People's normal wants, even more than their cognitive and emotional shortcuts and errors, underlie answers to important questions of finance, including saving and spending, portfolio construction, asset pricing, and market efficiency.