

## Research Design In Clinical Psychology Kazdin

Revising a successful handbook which covers all major areas of clinical research, this edition covers all the relevant aspects of and tactics for conducting clinical research.

What impact can various research methods have on consumer psychology? How can they help us understand the workings of the consumer mind? And how can the field of consumer psychology best utilize these methods? In the Handbook of Research Methods in Consumer Psychology, leading consumer psychologists summarize key aspects of the research process and explain how different methods enrich understanding of how consumers process information to form judgments and opinions and to make consumption-related decisions. Kardes, Herr, and Schwarz provide an in-depth analysis of the scientific research methods needed to understand consumption-related judgments and decisions. The book is split into five parts, demonstrating the breadth of the volume: classic approaches, contemporary approaches, online research methods, data analysis, and philosophy of science. A variety of leading researchers give insight into a wide range of topics, reflecting both long-standing debate and more recent developments in the field to encourage discussion and the advancement of consumer research. The Handbook of Research Methods in Consumer Psychology is essential reading for researchers, students, and professionals interested in consumer psychology and behavior.

Clinical Psychology invites students to think like clinical psychologists and develop an integrated sense of how science, experience, ethical behavior, and intuition get woven into our professional identity. Built around typical psychologists and the problems they need to solve, it demonstrates that assessment is much more than testing, and explores how treatment rationales are tailored to the individual problems, histories, and environments of clients. Committed to training future professionals, this text navigates students through the career path of a clinical psychologist and provides guidance on evolving education and training models. The text uniquely portrays clinical psychology as a modern health care profession that bridges physical and mental health and takes a holistic stance. It treats therapy as a dynamic process that benefits from the cross-fertilization of a range of different approaches. It also provides an international perspective, describing similarities and differences between how clinical psychology is practiced in different countries and contexts. It recognizes that clinical psychology changes as health care systems change, and stresses that training models and practice patterns need to match these changes. This second edition has been fully revised and reflects DSM-5 and ICD-10-CM guidelines. New and enhanced features include: Additional description of the continuing integration of therapy approaches Additional evidence on how to make psychotherapy cost-effective Upgrades on self-help and web-based treatment An expanded chapter on psychopharmacology, offering more information on mechanisms Expanded in-text pedagogy, offering more vignettes, ongoing considerations, key terms, and thinking questions Powerpoint slides and links to recommended resources.

The Oxford Handbook of Research Strategies for Clinical Psychology has recruited some of the field's foremost experts to explicate the essential research strategies currently used across the modern clinical psychology landscape that maximize both scientific rigor and clinical relevance.

In this comprehensive handbook, Ragin and Keenan present an all-encompassing analysis of the variety of different methods used in health psychology research. Featuring interdisciplinary collaborations from leading academics, this meticulously written volume is a guide to conducting cutting-edge research using tested and vetted best practices. It explains important research techniques, why they are selected and how they are conducted. The book critically examines both cutting-edge methods, such as those used in NextGen genetics, nudge theory, and the brain's vulnerability to addiction, as well as the classic methods, including cortisol measurement, survey, and environmental study. The topics of the book span the gamut of health psychology field, from neuroimaging and statistical analysis to socioeconomic issues such as the policies used to address diseases in Africa, anti-vaxers, and the disproportionate impact of climate change on impoverished people. With each section featuring examples of best research practices, recommendations for study samples, accurate use of instrumentation, analytical techniques, and advanced-level data analysis, this book will be an essential text for both emerging student researchers and experts in the field and an indispensable resource in health psychology programs.

The research methods described and illustrated in this book are those particularly useful to the field of clinical and health psychology and cover both qualitative and quantitative approaches.

The Art and Science of Embodied Research Design: Concepts, Methods, and Cases offers some of the nascent perspectives that situate embodiment as a necessary element in human research. This edited volume brings together philosophical foundations of embodiment research with application of embodied methods from several disciplines. The book is divided into two sections. Part I, Concepts in Embodied Research Design, suggests ways that embodied epistemology may bring deeper understanding to current research theory, and describes the ways in which embodiment is an integral part of the research process. In Part II, Methods and Cases, chapters propose novel ways to operationalize embodied data in the research process. The section is divided into four sub-sections: Somatic Systems of Analysis, Movement Systems of Analysis, Embodied Interviews and Observations, and Creative and Mixed Methods. Each chapter proposes a method case; an example of a previously used research method that exemplifies the way in which embodiment is used in a study. As such, it can be used as scaffold for designing embodied methods that suits the researcher's needs. It is suited for many fields of study such as psychology, sociology, behavioral science, anthropology, education, and arts-based research. It will be useful for graduate coursework in somatic studies or as a supplemental text for courses in traditional research design.

A research methods text with a unique focus on evidence-based practice with couples and families, this book bridges the divide between research and clinical work. The text offers comprehensive, user-friendly coverage of measurement and

design issues and basic qualitative and quantitative methods. Illustrating research concepts with clinically relevant examples and sample studies, it teaches clear steps for evaluating different types of studies and identifying common threats to validity. Of special value to therapists, it provides a systematic framework for using research to guide the selection and evaluation of interventions that meet the needs of particular clients. Pedagogical features: \*End-of-chapter "Applications" sections showing how to evaluate specific methods. \*Appendices with quick-reference guides and recommended resources. \*Instructive glossary. See also the authors' Essential Skills in Family Therapy, Third Edition: From the First Interview to Termination, which addresses all aspects of real-world clinical practice, and Essential Assessment Skills for Couple and Family Therapists, which shows how to weave assessment into all phases of therapy. The Handbook of Research Methods in Abnormal and Clinical Psychology presents a diverse range of areas critical to any researcher or student entering the field. It provides valuable information on the foundations of research methods, including validity in experimental design, ethics, and statistical methods. The contributors discuss design and instrumentation for methods that are particular to abnormal and clinical psychology, including behavioral assessment, psychophysiological assessment and observational methods. They also offer details on new advances in research methodology and analysis, such as meta-analysis, taxometric methods, item response theory, and approaches to determining clinical significance. In addition, this volume covers specialty topics within abnormal and clinical psychology from forensic psychology to behavior genetics to treatment outcome methods.

Originally published in 1992, the editors of this volume fulfill three main goals: to take stock of progress in the development of data-analysis procedures for single-subject research; to clearly explain errors of application and consider them within the context of new theoretical and empirical information of the time; and to closely examine new developments in the analysis of data from single-subject or small n experiments. To meet these goals, this book provides examples of applicable single-subject research data analysis. It presents a wide variety of topics and perspectives and hopes that readers will select the data-analysis strategies that best reflect their methodological approaches, statistical sophistication, and philosophical beliefs. These strategies include visual analysis, nonparametric tests, time-series experiments, applications of statistical procedures for multiple behaviors, applications of meta-analysis in single-subject research, and discussions of issues related to the application and misapplication of selected techniques.

The Handbook of Research Methods in Clinical Psychology presents a comprehensive and contemporary treatment of research methodologies used in clinical psychology. Topics discussed include experimental and quasi-experimental designs, statistical analysis, validity, ethics, cultural diversity, and the scientific process of publishing. Written by leading researchers, the chapters focus on specific applications of research into psychopathology, assessment and diagnosis, therapy, and interventions for both child and adult populations. Special attention is also given to research into professional issues, prevention, and promotion. Research vignettes describe exemplary projects illustrating the essential elements of the research topics. In addition, the editors outline a research agenda for clinical psychologists that demonstrates the exciting future for the field. This handbook coherently illustrates the range of research methodologies used in clinical psychology and is a vital resource for both students and scholars who wish to expand their knowledge. Covers basic methodologies as well as specific applications of research designs. Includes research vignettes that describe exemplary studies and illustrate the essential elements of the research topics. Contains chapters written by active researchers in the field. Outlines a research agenda for clinical psychologists that demonstrates the exciting future for the field. Now available in full text online via xreferplus, the award-winning reference library on the web from xrefer. For more information, visit [www.xreferplus.com](http://www.xreferplus.com)

Research Methods in Psychology: A Handbook is a versatile guide that is ideal for any research-oriented psychology course. Schweigert's clear writing style and focus on the fundamentals of research methodology provide students with the exposure they need to conduct valid research. Explanations of basic statistical techniques are straightforward and illuminate the impact of the design process. Suitable as a primary text or as a supplement, the Fourth Edition features and defines commonly used research methods to engage students and give instructors the flexibility they require to meet the needs of their courses. Notable features: • learning goals, chapter outlines, highlighted important terms and concepts, and exercises (along with a selected set of answers) • describes the important processes of preparing, conducting, and publishing the results of a research study • discusses how to perform thorough and beneficial literature and database searches online • teaches students to embrace the ethical collection and presentation of useful, accurate data in their research • reviews basic guidelines on how to write and format research results in APA Style

Discovering Research Methods in Psychology: A Student's Guide presents an accessible introduction to the research methodology techniques that underpin the field of psychology Offers a unique narrative approach to introducing the complexities of psychological research methods to first year students Introduces the reader to the three main types of research methods used in psychology ? observation, experimentation and survey methods Provides clear summaries of 21st-century published studies that reflect diversity and best illustrate issues in research methodology Includes an emphasis on topics of most interest to students, from those with a personal perspective such as romantic relationships, prejudice and career decisions, to clinical topics including eating disorders, heavy drinking and paranoia Features a comprehensive glossary of all research terminology used in the narrative

The goal of the chapters in this SIOP Organizational Frontiers Series volume is to challenge researchers to break away from the rote application of traditional methodologies and to capitalize upon the wealth of data collection and analytic strategies available to them. In that spirit, many of the chapters in this book deal with methodologies that encourage organizational scientists to re-conceptualize phenomena of interest (e.g., experience sampling, catastrophe modeling), employ novel data collection strategies (e.g., data mining, Petri nets), and/or apply sophisticated analytic techniques (e.g., latent class analysis). The editors believe that these chapters provide compelling solutions for the complex

problems faced by organizational researchers.

A thorough guide to research design from a world-renowned clinical and child psychologist.

Introducing Research and Data in Psychology shows how research design and data analysis are attainable and useful skills. It introduces both experimental and non-experimental methods of research and the analysis of data using both descriptive and inferential statistics. The uses, interpretation and calculation of common two sample statistical tests are explained. This comprehensive textbook includes the following designed features to help with technique: Practice exam answers to show how to achieve a higher grade Chapter summaries Glossary Case studies and examples Exercises and a full bibliography.

This book focuses on one important aspect of psychological research -- the intensive study of people measured one or more at a time. Some important historical material is detailed in several chapters making a strong connection to previous material in psychology. Several contributors present important details on classical and novel methods to study behavior over time, and they do so in the context of appropriate statistical methods. This appropriately reflects the growing interest in examining dynamic behaviors by objective measurement. Key experimental design principles are expertly stated, reflecting the growing interest in studying the individual course of development for invariants in behaviors, including some unusual constructs such as cycles and punctuated equilibria. This book also deals with practical contemporary problems in psychology and documents the increased possibility of using clinical research tools. Taken as a whole, this volume is filled with interesting historical points, informative mathematical and statistical analyses, and practical methods. It is the only book addressing the issues of meta-analysis, cyclicity, and confounds to visual inspection of single subject data that considers ways in which statistical software can aid in overcoming these constraints.

Kazdin's text is a notable contrast to the quantitative methodology approach that pervades the biological and social sciences. The methodology in Single-Case Research Designs focuses on a widely applicable methodology for evaluating interventions, such as treatment, or psychotherapy, using applied behavior analysis. However, this revision aims to encompass a broader range of research areas that utilize single-case designs. The text will convey the pertinence of this research methodology to disciplines ranging from psychology and medicine to business and industry. The first edition of this book, which was published in 1982, still sells a steady amount of copies today. The fact that professors continue to use the first edition of this book more than twenty years after it was published is a testament to the quality of information, organization, and narrative throughout the text. The possibility of a revision has professors excited that they can expose their students to a well-written, clear, and updated text that will reflect the current status of single-case research.

This practical guide explains the use of randomization tests and provides example designs and macros for implementation in IBM SPSS and Excel. It reviews the theory and practice of single-case and small-n designs so readers can draw valid causal inferences from small-scale clinical studies. The macros and example data are provided on the book's website so that users can run analyses of the text data as well as data from their own studies. The new edition features: More explanation as to why randomization tests are useful and how to apply them. More varied and expanded examples that demonstrate the use of these tests in education, clinical work and psychology. A website with the macros and datasets for all of the text examples in IBM SPSS and Excel. Exercises at the end of most chapters that help readers test their understanding of the material. A new glossary that defines the key words that appear in italics when they are first introduced. A new appendix that reviews the basic skills needed to do randomization tests. New appendices that provide annotated SPSS and Excel macros to help readers write their own or tinker with the ones provided in the book. The book opens with an overview of single case and small n designs -- why they are needed and how they differ from descriptive case studies. Chapter 2 focuses on the basic concepts of randomization tests. Next how to choose and implement a randomization design is reviewed including material on how to perform the randomizations, how to select the number of observations, and how to record the data. Chapter 5 focuses on how to analyze the data including how to use the macros and understand the results. Chapter 6 shows how randomization tests fit into the body of statistical inference. Chapter 7 discusses size and power. The book concludes with a demonstration of how to edit or modify the macros or use parts of them to write your own. Ideal as a text for courses on single-case, small n design, and/or randomization tests taught at the graduate level in psychology (especially clinical, counseling, educational, and school), education, human development, nursing, and other social and health sciences, this inexpensive book also serves as a supplement in statistics or research methods courses. Practitioners and researchers with an applied clinical focus also appreciate this book's accessible approach. An introduction to basic statistics, SPSS, and Excel is assumed.

Bringing together leading authorities, this unique handbook reviews the breadth of current approaches for studying how people think, feel, and behave in everyday environments, rather than in the laboratory. The volume thoroughly describes experience sampling methods, diary methods, physiological measures, and other self-report and non-self-report tools that allow for repeated, real-time measurement in natural settings. Practical guidance is provided to help the reader design a high-quality study, select and implement appropriate methods, and analyze the resulting data using cutting-edge statistical techniques. Applications across a wide range of psychological subfields and research areas are discussed in detail.

This is the first comprehensive guide to the range of research methods available to applied psychologists. Ideally suited to students and researchers alike, and covering both quantitative and qualitative techniques, the book takes readers on a journey from research design to final reporting. The book is divided into four sections, with chapters written by leading international researchers working in a range of applied settings: Getting Started Data Collection Data Analysis Research Dissemination With coverage of sampling and ethical issues, and chapters on everything from experimental and quasi-experimental designs to longitudinal data collection and focus groups, the book provides a concise overview not only of

the options available for applied research, but also of how to make sense of the data produced. It includes chapters on organizational interventions and the use of digital technologies, and concludes with chapters on how to publish your research, whether it's a thesis, journal article or organisational report. This is a must-have book for anyone conducting psychological research in an applied setting.

Though psychology as a discipline has grown enormously in popularity in recent years, compulsory courses in research methods and statistics are seldom embarked upon with any great enthusiasm within the undergraduate and postgraduate communities. Many postgraduate and PhD students start their research ill-equipped to design effective experiments and to properly analyse their results. This lack of knowledge also limits their ability to critically assess and evaluate research done by others. This book is a practical guide to carrying out research in health psychology and clinical psychology. It bridges the gap between undergraduate and postgraduate study. As well as describing the various techniques and methods available to students, it provides them with a proper understanding of what a specific technique does - going beyond the introductory descriptions typical of most undergraduate methods books. The book describes both quantitative and qualitative approaches to data collection, providing valuable advice on methods ranging from psychometric testing to discourse analysis. For both undergraduate and postgraduate students, the book will be essential in making them aware of the full range of techniques available, helping them to design scientifically rigorous experiments, and effectively analyse their results.

Your hands-on introduction to research methods in psychology Looking for an easily accessible overview of research methods in psychology? This is the book for you! Whether you need to get ahead in class, you're pressed for time, or you just want a take on a topic that's not covered in your textbook, *Research Methods in Psychology For Dummies* has you covered. Written in plain English and packed with easy-to-follow instruction, this friendly guide takes the intimidation out of the subject and tackles the fundamentals of psychology research in a way that makes it approachable and comprehensible, no matter your background. Inside, you'll find expert coverage of qualitative and quantitative research methods, including surveys, case studies, laboratory observations, tests and experiments—and much more. Serves as an excellent supplement to course textbooks Provides a clear introduction to the scientific method Presents the methodologies and techniques used in psychology research Written by the authors of *Psychology Statistics For Dummies* If you're a first or second year psychology student and want to supplement your doorstop-sized psychology textbook—and boost your chances of scoring higher at exam time—this hands-on guide breaks down the subject into easily digestible bits and propels you towards success.

The Second Edition of *An Applied Guide to Research Designs* offers researchers in the social and behavioral sciences guidance for selecting the most appropriate research design to apply in their study. Using consistent terminology, the authors visually present a range of research designs used in quantitative, qualitative, and mixed methods to help readers conceptualize, construct, test, and problem solve in their investigation. The Second Edition features revamped and expanded coverage of research designs, new real-world examples and references, a new chapter on action research, and updated ancillaries.

Emphasizing the basic concepts, practices, and the role of experimentation in psychology, this book discusses the nature of explanation, validity and reliability, observation, relational research, experimental design, small- experimentation, quasi-experimentation, ethics, literature reviews, interpretation, and presentations of results.

The exponential growth of clinical psychology since the late 1960s can be measured in part by the extensive—perhaps exhaustive—literature on the subject. This proliferation of writing has continued into the new century, and the field has come to be defined as much by its many topics as its many voices. The *Oxford Handbook of Clinical Psychology* synthesizes these decades of literature in one extraordinary volume. Comprising chapters from the foremost scholars in clinical psychology, the handbook provides even and authoritative coverage of the research, practice, and policy factors that combine to form today's clinical psychology landscape. In addition to core sections on topics such as training, assessment, diagnosis, and intervention, the handbook includes valuable chapters devoted to new and emerging issues in the clinical field, including health care reforms, cultural factors, and technological innovations and challenges. Each chapter offers a review of the most pertinent literature, outlining current issues and identifying possibilities for future research. Featuring two chapters by Editor David H. Barlow -- one on changes during his own 40-year odyssey in the field, the other projecting ten themes for the future of clinical psychology -- *The Oxford Handbook of Clinical Psychology* is a landmark publication that is sure to serve as the field's benchmark reference publication for years to come. It is an essential resource for students, clinicians, and researchers across the ever-growing clinical psychology community. *The Student Survival Guide for Research Methods in Psychology* is designed to support students enrolled in undergraduate or graduate level research methods courses by providing them with the tools they need to succeed. It goes beyond course material to help students engage more fully with research methods content. This survival guide presents clear step-by-step instructions that will help students hone the basic skills to succeed and thrive in their research methods classes and to navigate common pitfalls. The book covers core practical skills, like formatting and writing at an APA standard, understanding research literature (particularly academic journals), using SPSS, and broader skills like how to communicate with your professor, time management, and teamwork skills. It is a highly effective primer text for all psychology students undertaking research methods courses and will also be particularly helpful for students who are currently undertaking these modules and don't feel fully prepared for them.

This book integrates philosophy of science, data acquisition methods, and statistical modeling techniques to present readers with a forward-thinking perspective on clinical science. It reviews modern research practices in clinical psychology that support the goals of psychological science, study designs that promote good research, and quantitative methods that can test specific scientific questions. It covers new themes in research including intensive longitudinal designs, neurobiology, developmental psychopathology, and advanced computational methods such as machine learning. Core chapters examine significant statistical topics, for example missing data, causality, meta-analysis, latent variable analysis, and dyadic data analysis. A balanced overview of observational and experimental designs is also supplied, including preclinical research and intervention science. This is a foundational resource that supports the methodological training of the current and future generations of clinical psychological scientists.

*Understanding Research in Clinical and Counseling Psychology, Second Edition* is designed and written for graduate students aspiring to careers in practice and presents research as an indispensable tool for practice.

*Research Methods in Clinical and Counselling Psychology* presents a practical description of the research process, taking readers sequentially through the basic steps of a project: groundwork, measurement, design, analysis and interpretation. It also addresses essential

background issues, such as the underlying philosophy of the various research methods and the socio-political issues that arise in doing research in service settings. Clinical and counselling research methodology is currently developing rapidly, and psychologists are expanding their repertoire of methods. In this book the authors present a balanced appraisal of both traditional and emergent methods. They re-affirm the scientist-practitioner model: that clinical and counselling psychologists have a dual role as both clinicians and researchers. The authors argue that research embraces a broad range of activities which can be incorporated into everyday professional practice. The book is aimed at students and professionals who want to conduct their own research and those who simply want to understand published research better. Fully updated to reflect the latest developments, the third edition of *Research Methods In Clinical Psychology* offers a comprehensive introduction to the various methods, approaches, and strategies for conducting research in the clinical psychology field. Represents the most accessible, user-friendly introduction to conducting and evaluating research for clinical psychologists and related professionals. Ideal for students and practitioners who wish to conduct their own research or gain a better understanding of published research. Addresses important issues such as philosophical underpinnings of various methodologies, along with socio-political issues that arise in clinical and community settings. Step-by-step guidance through all phases of a clinical psychology research project—from initial concept and groundwork, through to measurement, design, analysis, and interpretation. Updates to this edition include new or expanded coverage of such topics as systematic review and literature searching methods, modern psychometric methods, guidance on choosing between different qualitative approaches, and conducting psychological research via the Internet.

This book is a practical resource designed for clinicians, researchers, and advanced students who wish to learn about single-case research designs. It covers the theoretical and methodological underpinnings of single-case designs, as well as their practical application in the clinical and research neurorehabilitation setting. The book briefly traces the history of single-case experimental designs (SCEDs); outlines important considerations in understanding and planning a scientifically rigorous single-case study, including internal and external validity; describes prototypical single-case designs (withdrawal-reversal designs and the medical N-of-1 trial, multiple-baseline designs, alternating-treatments designs, and changing-criterion designs) and required features to meet evidence standards, threats to internal validity, and strategies to address them; addresses data evaluation, covering visual analysis of graphed data, statistical techniques, and clinical significance; and provides a practical ten-step procedure for implementing single-case methods. Each chapter includes detailed illustrative examples from the neurorehabilitation literature. Novel features include: A focus on the neurorehabilitation setting, which is particularly suitable for single-case designs because of the complex and often unique presentation of many patients/clients. A practical approach to the planning, implementation, data analysis, and reporting of single-case designs. An appendix providing a detailed summary of many recently published SCEDs in representative domains in the neurorehabilitation field, covering basic and instrumental activities of daily living, challenging behaviours, disorders of communication and cognition, mood and emotional functions, and motor-sensory disabilities. It is valuable reading for clinicians and researchers in several disciplines working in rehabilitation, including clinical and neuropsychology, education, language and speech pathology, occupational therapy, and physical therapy. It is also an essential resource for advanced students in these fields who need a textbook for specialised courses on research methodology and use of single-case design in applied clinical and research settings.

*Psychology Research Methods: A Writing Intensive Approach* integrates the teaching of knowledge in research methods with skills in formulating and writing research proposals. Using an experiential approach and organized around the task of writing a complete APA-style research proposal, the book guides readers in understanding and applying critical concepts and processes in behavioral science research methods. It helps them justify and propose a randomized controlled trial of the efficacy of a treatment for a common mental health problem, including establishing a scientific premise for their argument, reading basic research on the epidemiology of the disorder and applied research on existing interventions, and more. This book provides cleverly crafted small group activities that mimic peer review and teach how to provide explicit positive and corrective feedback. It builds both social and intellectual capital as readers learn about the culture of science and its emphasis on collaboration and rigor. Teaches knowledge and skills through brief didactic presentations. Includes individual and group activities to support close reading of scientific papers. Guides the reader in the construction of arguments for a research proposal. Engages readers in subject selection, measurement, research design, and hypothesis testing. Encourages researchers to be conscientious and engaged peer reviewers.

*Single-Case Methods in Clinical Psychology: A Practical Guide* provides a concise and easily-accessible introduction to single-case research. This is a timely response to the increasing awareness of the need to look beyond randomised controlled trials for evidence to support best practice in applied psychology. The book covers the issues of design, the reliability and validity of measurement, and provides guidance on how to analyse single-case data using both visual and statistical methods. Single-case designs can be used to investigate an individual's response to psychological intervention, as well as to contribute to larger scale research projects. This book illuminates the common principles behind these uses. It describes how standardised measures can be used to evaluate change in an individual and how to develop idiographic measures that are tailored to the needs of an individual. The issue of replication and generalising beyond an individual are examined, and the book also includes a section on the meta-analysis of single-case data. The critical evaluation of single-case research is examined, from both the perspective of developing quality standards to evaluate research and maintaining a critical distance in reviewing one's own work. *Single Case Methods in Clinical Psychology* will provide invaluable guidance to postgraduate psychologists training to enter the professions of clinical, health and counselling psychology and is likely to become a core text on many courses. It will also appeal to clinicians seeking to answer questions about the effectiveness of therapy in individual cases and who wish to use the method to further the evidence-base for specific psychological interventions.

What is single-case research? How can single-case methods be used within sport and exercise? Single-case research is a powerful method for examining change in outcome variables such as behaviour, performance and psychological constructs, and for assessing the efficacy of interventions. It has innumerable uses within the context of sport and exercise science, such as in the development of more effective performance techniques for athletes and sportspeople and in helping us to better understand exercise behaviours in clinical populations. However, the fundamental principles and techniques of single-case research have not always been clearly understood by students and researchers working in these fields. *Single-Case Research Methods in Sport and Exercise Psychology* is the first book to fully explain single-case research in the context of sport and exercise. Starting with first principles, the book offers a comprehensive introduction to the single-case research process, from study design to data analysis and presentation. Including case studies and examples from across sport and exercise psychology, the book provides practical guidance for students and researchers and demonstrates the advantages and common pitfalls of single-case research for anybody working in applied or behavioural science in a sport or exercise setting.

An approachable, coherent, and important text, *Research in Psychology: Methods and Design*, 8th Edition continues to provide its readers with a clear, concise look at psychological science, experimental methods, and correlational research in this newly updated version. Rounded out with helpful learning aids, step-by-step instructions, and detailed examples of real research studies

makes the material easy to read and student-friendly.

Single-Case Methods in Clinical Psychology: A Practical Guide provides a concise and easily-accessible introduction to single-case research. This is a timely response to the increasing awareness of the need to look beyond randomised controlled trials for evidence to support best practice in applied psychology. The book covers the issues of design, the reliability and validity of measurement, and provides guidance on how to analyse single-case data using both visual and statistical methods. Single-case designs can be used to investigate an individual's response to psychological intervention, as well as to contribute to larger scale research projects. This book illuminates the common principles behind these uses. It describes how standardised measures can be used to evaluate change in an individual and how to develop idiographic measures that are tailored to the needs of an individual. The issue of replication and generalising beyond an individual are examined, and the book also includes a section on the meta-analysis of single-case data. The critical evaluation of single-case research is examined, from both the perspective of developing quality standards to evaluate research and maintaining a critical distance in reviewing one's own work. Single Case Methods in Clinical Psychology will provide invaluable guidance to postgraduate psychologists training to enter the professions of clinical, health and counselling psychology and is likely to become a core text on many courses. It will also appeal to clinicians seeking to answer questions about the effectiveness of therapy in individual cases and who wish to use the method to further the evidence-base for specific psychological interventions.

A comprehensive, easy-to-understand guide to the entire research process, this book quickly and efficiently equips advanced students and research assistants to conduct a full-scale investigation. The book is organized around the idea of a 'research script' that is, it follows the standard mode of research planning and design, data collection and analysis, and results writing. The volume contains 35 chapters, some co-authored by advanced graduate students who give their fellow students a touch of the 'real world' adding to the clarity and practicality of many chapters.

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