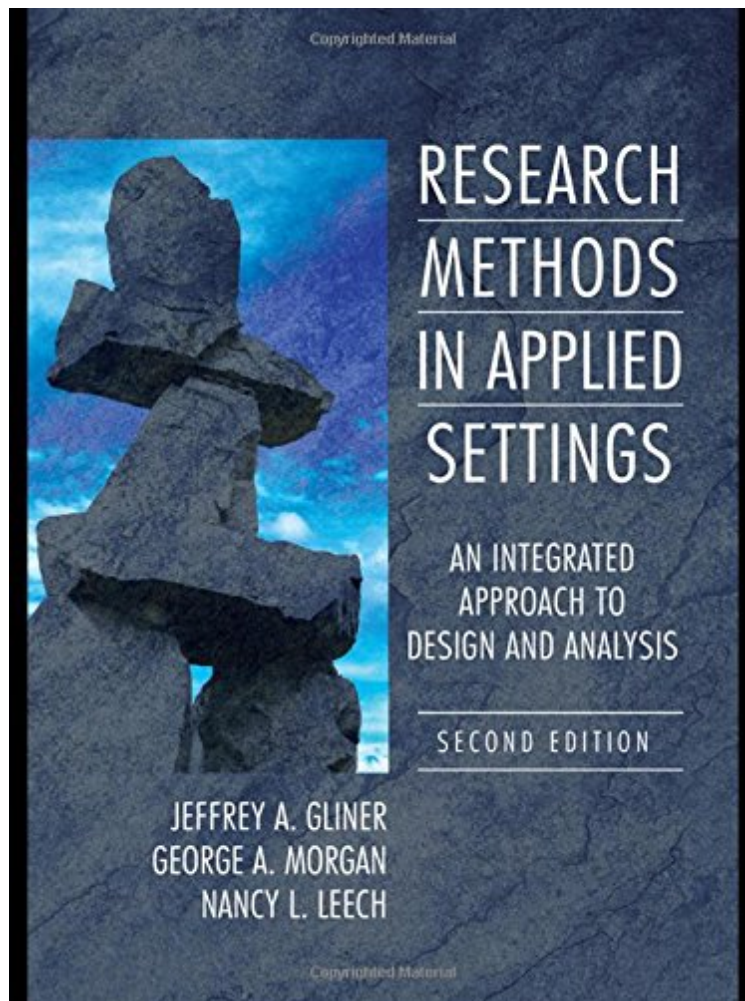


[Free download] Research Methods in Applied Settings: An Integrated Approach to Design and Analysis, Second Edition

## Research Methods in Applied Settings: An Integrated Approach to Design and Analysis, Second Edition

*Jeffrey A. Gliner, George A. Morgan, Nancy L. Leech*  
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**Jeffrey A. Gliner, George A. Morgan, Nancy L. Leech : Research Methods in Applied Settings: An Integrated Approach to Design and Analysis, Second Edition** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Research Methods in Applied Settings: An Integrated Approach to Design and Analysis, Second Edition:

0 of 0 people found the following review helpful. Concepts explained easily. One to keep as a reference on your shelf for sure! By Kian This is a really great book. Everything is explained in understandable terms. Of all the I/O Psychology textbooks, this one is my favorite for that reason alone. I suggest starting with Chapters 23 and 24. In my

class, we had to write a proposal (i.e. research article), and these two chapters go into step by step detail of how to write a hypothesis, how to review the literature, and how to view every aspect of this process through the lens of validity. "Validity" is the theme of this book, I think. These authors really know how to explain concepts and (to me) engage the reader (as far as a research methods course goes). :)

0 of 0 people found the following review helpful. This book is incredibly useful for research design, particularly for social sciences. The examples of different concepts are clear and well-illustrated, although I wish there were more examples from fields such as psychology, instead of so many highlighting education and curriculum.

4 of 4 people found the following review helpful. Very helpful to a student studying sport science

By HSG83 This was the required text for my recent research design and statistics class as part of my PhD coursework. As a novice in the research "game", this book certainly helped me at least become competent in basic research practices. Of particular use to me were the various charts to help you make decisions on research design and statistical selection. These charts were linked well to following chapters to provide further depth of information on the relevant topics and were a go-to resource for assignments and my research proposal. My studies are in the area of sport science, and one could argue that some of the text does not relate well to this field. I would agree with this statement, but would also argue that other texts also have this problem. I am not experienced enough in research to fully recommend this text, nor can I make direct comparisons to other texts, but it certainly is a resource you should consider if you are teaching a research design class and/or feel you need a reference on your bookshelf in this area.

Through its integrated approach to quantitative research methods, this text teaches readers how to plan, conduct, and write a research project and select and interpret data so they can become better consumers of research. This is not a statistics book there are very few formulas. Rather, this book helps students master which statistic to use when and how to interpret the results. Organized around the steps one takes in conducting a research project, this book is ideal for applied programs and for those who want to analyze and evaluate research articles. Having taught in a variety of departments, the authors have a good grasp of the research problems faced by masters and doctoral students in diverse areas of the behavioral and social sciences. Text adopters applaud the book's clarity. Students are often confused by other texts' use of inconsistent terminology. To avoid this confusion, the authors present a semantically consistent picture that emphasizes five research approaches-- randomized experimental, quasi-experimental, comparative, associational, and descriptive. The authors then show how these approaches lead to three kinds of research designs which, in turn, lead to three groups of statistics with the same names. This consistent framework increases comprehension and the ability to apply the material. Numerous applied problems, annotated examples, and diagrams and tables further promote comprehension. Although the book emphasizes quantitative research, the value of qualitative research is introduced. This extensively revised edition features more than 50% new material including: A new chapter on the evidence-based approach that emphasizes the importance of reporting confidence intervals and effect sizes and the increased use of meta-analysis. An increased emphasis on evaluating research including an 8 step plan for evaluating research validity (Chs. 23-24) and its application to the 5 sample studies used throughout the book (Ch. 25). Lots of practical advice on planning a research project (Ch. 2), data collection and coding (Ch. 15), writing the research report (Ch. 27), questions to use in evaluating a research article (Appendix E) and creating APA tables and figures (Appendix F). A new chapter on non-experimental approaches/designs (Ch. 7) including qualitative research. Web resources for students including critical thinking problems with answers and a sample outline of a research proposal. An earlier and expanded introduction to measurement reliability and validity to further emphasize their differences and importance. An extensively revised chapter on measurement validity consistent with the latest APA/AERA/NCME standards. Fewer chapters on inferential statistics with an increased focus on how their selection is related to the design of the study and how to interpret the results using significance testing and effect sizes and confidence intervals. Instructors Resources with Power Points, test questions, answers to the application questions, and more. Intended for graduate research or quantitative/experimental methods/design courses in psychology, education, human development and family studies, and other behavioral, social, business, and health sciences, independent sections and chapters can be read in many orders allowing for flexibility in assigning topics. Due to its practical approach, this book also appeals to researchers and clinicians. Prior exposure to statistics and research methods is recommended.

"As a trainee clinical psychologist planning a doctoral thesis, I found this book extremely useful. The reader is taken through the research process: from planning and thinking about a research project, to communicating the outcome of the research in a report. ... I now have an understanding of aspects of research that have previously eluded me, thanks to (the authors). ... I would recommend the book to anyone conducting psychological research. I will certainly continue to refer to it as I design and implement my own thesis." - Joe Judge, trainee clinical psychologist, University of Edinburgh, UK, in *The Psychologist*

"This is a unique textbook that provides an integrated, step-by-step approach to designing quantitative studies, in which methods are linked explicitly to research questions. The numerous figures, tables, and diverse examples make the book both reader-friendly and far-reaching." - Anthony J. Onwuegbuzie, Sam

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About the Author

Jefferey A. Gliner is Professor Emeritus of Occupational Therapy at Colorado State University. He received his Ph.D. in psychology from Bowling Green State University and taught of graduate level research methods, statistics, and program evaluation courses to masters and doctoral level students for more than 20 years. George A. Morgan is a Professor Emeritus of Education and Human Development at Colorado State University. He received his Ph.D. in child development and psychology from Cornell University. He taught research methods and applied statistics to graduate students in several departments at Colorado State. In addition to writing textbooks on SPSS and research methods, he currently advises students on their dissertation research. Nancy Leech is an Associate Professor at the University of Colorado in Denver. She received her Ph.D. in education with an emphasis on research and statistics from Colorado State University in 2002. Dr. Leech is currently teaching graduate level courses in research, statistics, and measurement.