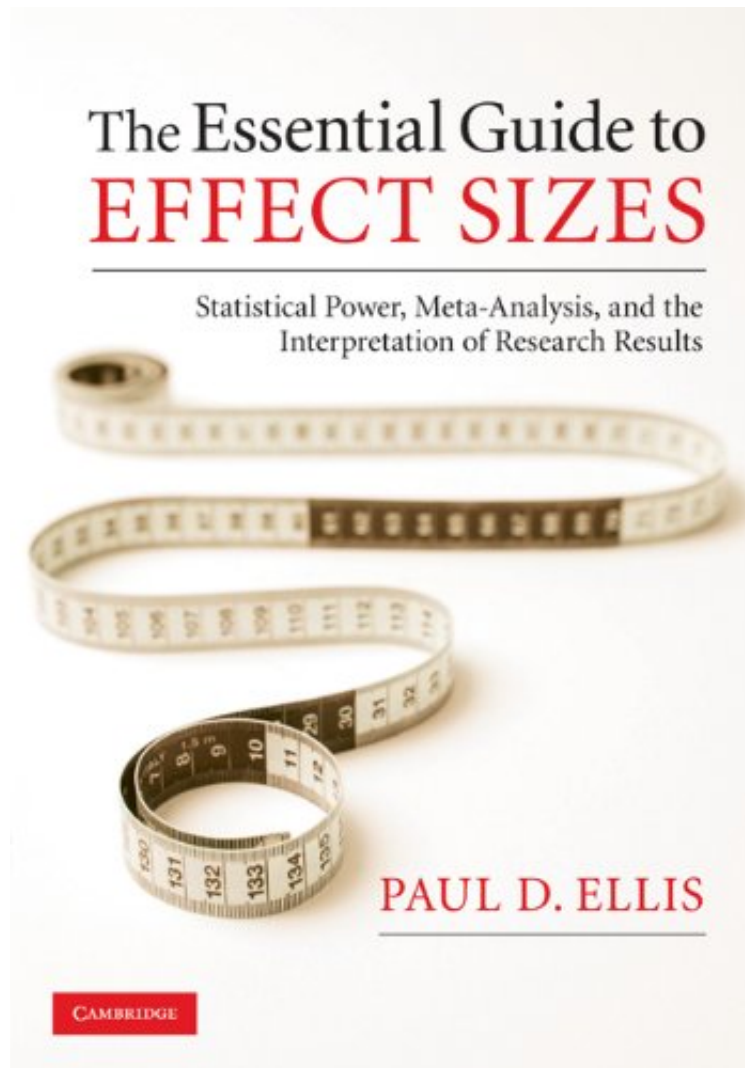


(Free) The Essential Guide to Effect Sizes

The Essential Guide to Effect Sizes

Ellis

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Ellis : The Essential Guide to Effect Sizes before purchasing it in order to gauge whether or not it would be worth my time, and all praised The Essential Guide to Effect Sizes:

5 of 5 people found the following review helpful. the book also provides a good overview of the null hypothesis significance testing controversy. By Stijn Debruere. Exceptionally lucid overview of power analysis, effect sizes, sample size calculations and related topics. Along the way, the book also provides a good overview of the null hypothesis significance testing controversy, the problems with familywise alpha corrections like Bonferroni, publication bias, the almost-universal misinterpretation of p-values and other methodological issues. Heartily recommended as a practical guide for researchers and statisticians, but also for readers with an interest in the foundations of statistics or the sociology of science. Most statistics courses gloss over power analysis, and after all,

there's only five or six equations (or one piece of software) that you need to learn how to use, but it absolutely pays to have a methodological grasp of what it is you're doing when calculating a sample size or estimating power. Again, wonderful book. 0 of 0 people found the following review helpful. Terse yet Thorough By Hendrick McDonald An excellent primer or review of statistics for studies. The writer gets to the point and avoids the basics of stats, instead narrowing in on the problem of low power studies causing type II errors and navigating the reader on how to balance between their expected effect size, power, alpha, measurement error and the availability bias of published results. 0 of 0 people found the following review helpful. easy to understand with a basic knowledge of statistics By B. D. Nossaman In healthcare, effect size understanding is necessary during informing decision analysis (Lang Secic). Well written, easy to understand with a basic knowledge of statistics.

This succinct and jargon-free introduction to effect sizes gives students and researchers the tools they need to interpret the practical significance of their results. Using a class-tested approach that includes numerous examples and step-by-step exercises, it introduces and explains three of the most important issues relating to the practical significance of research results: the reporting and interpretation of effect sizes (Part I), the analysis of statistical power (Part II), and the meta-analytic pooling of effect size estimates drawn from different studies (Part III). The book concludes with a handy list of recommendations for those actively engaged in or currently preparing research projects.

"Assessing the substantive significance of research is essential for both scientific progress and practical implications. This authoritative and well-written book gives relevant examples of key issues and offers practical guidelines for assessing the importance of research findings. The book concludes with clear recommendations for designing and carrying out good research and for assessing and reporting research findings." William H. Starbuck, Professor-in-Residence, University of Oregon, and Professor Emeritus, New York University "Paul Ellis writes with a light touch, explains well, and uses numerous practical examples. He focuses on four of the issues that are central to the statistical changes now sweeping many disciplines - effect sizes, confidence intervals, power, and meta-analysis. This is a highly readable, highly practical book. It will be invaluable to anyone who wishes to contribute to - or even just understand - the research of the future." Geoff Cumming, Emeritus Professor, School of Psychological Science, La Trobe University, Australia About the Author Paul D. Ellis is Professor in the Department of Management and Marketing at Hong Kong Polytechnic University, where he has taught research methods for nearly fifteen years. His research interests include trade and investment issues, marketing and economic development, international entrepreneurship, and economic geography. Professor Ellis has been ranked as one of the world's most prolific scholars in the field of international business.