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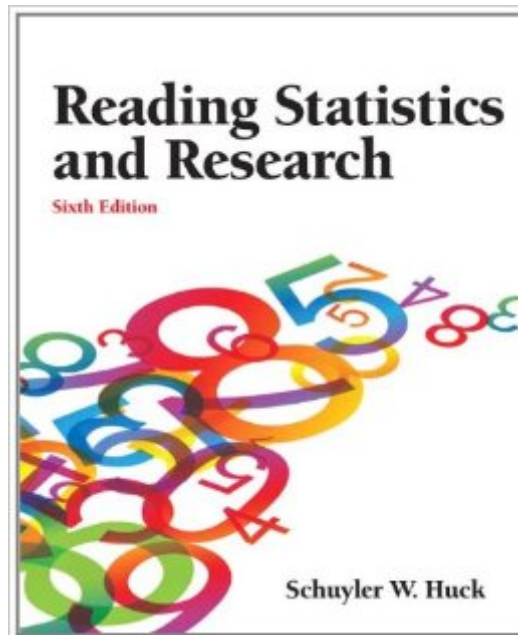# Reading Statistics And Research (6th Edition)

Reading Statistics
and Research
Sixth Edition

Schuyler W. Huck

Synopsis

Employing a non-intimidating writing style that emphasizes concepts rather than formulas, this uniquely welcoming text shows consumers of research how to read, understand, and critically evaluate the statistical information and research results contained in technical research reports. Some key topics covered in this thoroughly revised text include: descriptive statistics, correlation, reliability and validity, estimation, h hypothesis testing, t-tests, ANOVA, ANCOVA, regression, multivariate analysis, factor analysis, and structural equation modeling (SEM). A number of mini-topics related to research and statistics are also discussed, such as the geometric mean, Tau-b correlation, Guttman split-half reliability, sensitivity, specificity, and the Sobel test. Additionally, the sixth edition also includes over 488 new excerpts (tables, figures, passages of text) taken from current research reports. Written specifically for students in non-thesis Masterâ ™s Programs but also perfectly suitable for students in upper-level undergraduate statistics courses, doctoral students who must conduct dissertation research, and independent researchers who want a better handle on how to decipher and critique statistically-based research reports.Â Â Thoroughly updated and revised to reflect advances in the field, Reading Statistics and Research, Sixth Edition gives consumers of research exactly what they are seeking in this caliber of text, that being the knowledge necessary to better understand research and statistics, and the confidence and ability to ultimately decipher and critique research reports on their own.

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Customer Reviews

I've said it before, and I will say it again. I hate Statistics! It is not just that statistics originated as a means to classify and rank people according to their perceived social worth. Statistics is still used that way as evidenced by the publication and use of the book The Bell Curve. In comparision to a pure science like Neuroscience and also to mathematics, statistics is a subjective science. Everyone knows that statistics can be manipulated and used to show whatever the researcher wants to show...and it is more prone to abuse then most other hard sciences and math.Ok, having said that...I had to take a statistics course at the last minute (read that last year) while working on my dissertation, because it was determined I did not have enough measurements classes. This book was required, but it really has not been used as much as the other textbook which is equation-based, but I quickly found that I preferred this book!This textbook explains how and why statistics are used in all sciences, social sciences, etc. and how they are to be interpreted when seen in a journal. It is very concise...the authors for once are not writing for their peers, they are writing for their audience (which are going to be students, grad students, patient/consumers, etc). The book is written with an eye towards helping the reader understand the reasoning and logic behind using statistics. It is done with minimal decorative writing, and with a sense of humor. It makes use of good examples of both good and bad statistic use in papers and journals, it lambasts those who need lambasting, and it has a sense of humor.If you have to understand statistics so you can read medical journals, sociology, educational journals, etc. this is the book to get. It is immensely helpful.

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