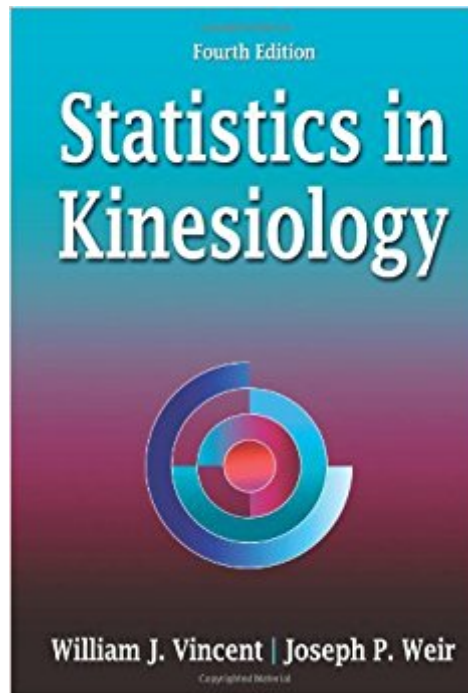




Ebook Directory
the best source of ebook

The book was found

Statistics In Kinesiology: Fourth Edition



Synopsis

The only statistics text currently available specifically for kinesiology majors, *Statistics in Kinesiology, Fourth Edition*, provides an accessible introduction to statistics concepts and techniques and their applications to kinesiology-related fields. Students will learn to use statistical tools to analyze quantitative data and then apply that knowledge to common questions and problems they will encounter as they continue their studies. The fourth edition has been fully updated with new content that reflects the changing face of the kinesiology discipline, including the following:

A new chapter on clinical measures, including information on relative risk, odds ratios, and diagnostic testing, that will be especially pertinent to students in athletic training, physical therapy, and other fields dealing with clinical or rehabilitation populations. More detailed coverage of analysis of covariance (ANCOVA), which is becoming the technique of choice for analyzing pretest–posttest control group design. New material on statistical inference and correlations, including information on hypothesis testing, types of error, confidence intervals, and partial correlations. Additional information on the quantification of reliability and its applications in kinesiology. *Statistics in Kinesiology, Fourth Edition*, begins with a thorough introduction to basic concepts such as measurement and research; organizing and displaying data; percentiles; mode, median, and mean; and measures of variability. The text then explores more advanced topics, including correlation and regression, *t* tests, analysis of variance (ANOVA), and analysis of nonparametric data. While the book offers an overview of the most important statistical concepts and techniques, the emphasis remains on those commonly used concepts in kinesiology disciplines, such as repeated measures ANOVA and the interpretation of interactions in factorial ANOVAs. The fourth edition features extensive problem sets that will help students begin to calculate and interpret data. To enhance learning, students are encouraged to practice the calculations manually, but knowledge of advanced mathematics is not required. The examples given involve only basic algebra skills. Information on computer-based application is also provided throughout the book. In becoming familiar with the mathematical formulas used by software programs, students will learn to critically evaluate computer results and interpret data with greater confidence and ease. In updating this text, the authors have been careful to retain the features that have made past editions such a success. Examples drawn from exercise physiology, biomechanics, physical education, and physical therapy help students relate to how the techniques are used and how those techniques allow them to answer questions in their chosen fields. The problem sets are designed to help students interact more fully with the content, thereby aiding in their comprehension of concepts and techniques. Answers for each of the problem sets are located in the back of the text and give

students the opportunity to check their work as they progress. Chapter summaries and key words lists identify content that students should carefully review. With *Statistics in Kinesiology, Fourth Edition*, students will gain a solid understanding of the statistical techniques used in physical activity fields. The book's practical approach, based on the authors' more than 50 years of combined experience in teaching statistics, will make it easy for students to learn these important, but often intimidating, concepts.

Book Information

File Size: 9778 KB

Print Length: 392 pages

Publication Date: May 7, 2012

Sold by: Digital Services LLC

Language: English

ASIN: B00819G4KC

Text-to-Speech: Enabled

X-Ray: Not Enabled

Word Wise: Enabled

Lending: Not Enabled

Screen Reader: Supported

Enhanced Typesetting: Enabled

Best Sellers Rank: #69,335 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #3 in Kindle Store > Kindle eBooks > Nonfiction > Science > Biological Sciences > Biology > Biostatistics #6 in Kindle Store > Kindle eBooks > Medical eBooks > Research #11 in Kindle Store > Kindle eBooks > Nonfiction > Science > Experiments, Instruments & Measurement > Methodology & Statistics

Customer Reviews

There are errors in the examples (Table 8.1), as well as at least one of the chapter problems, and it is questionable if the calculations for Pearson's r is correct (8.01), as it does not yield the same value as the Machine Formula. Using their method to calculate r led to my missing three exam questions. These kinds of errors in a fourth edition are inexcusable.

A very concise, well presented and easy to read book outlining the statistics utilised in this type of research. Thoroughly recommend, particularly for those who struggle with the dry read of stats or for

those who are just embarking on this type of research.

Very helpful and easy to follow.

Product came as described and within expected time frame. Thank you.

It's a great book for beginners. It covers most areas of stats that you will come across in kinesiology. It doesn't provide enough detail or depth, however. By itself it's more than sufficient for undergrads, but falls short for grad students. Perhaps, ok for Master's level, but I would add other readings.

Bought used, came in in great quality !

Great book. I would recommend it to anyone. This book has basic concepts and statistical ideas and applies them to kinesiology.

Its in very good condition..!!

[Download to continue reading...](#)

Statistics for People Who (Think They) Hate Statistics (Salkind, Statistics for People Who(Think They Hate Statistics(Without CD)) Statistics in Kinesiology: Fourth Edition Clinical Kinesiology and Anatomy (Clinical Kinesiology for Physical Therapist Assistants) Brunnstrom's Clinical Kinesiology (Clinical Kinesiology (Brunnstrom's)) Statistics in Kinesiology-4th Edition Statistics in Kinesiology - 3rd Edition Discovering Statistics Using IBM SPSS Statistics, 4th Edition Environmental and Ecological Statistics with R, Second Edition (Chapman & Hall/CRC Applied Environmental Statistics) Statistics and Data Analysis for Financial Engineering: with R examples (Springer Texts in Statistics) Basic Statistics for Business and Economics (Irwin Statistics) Business Statistics: Communicating with Numbers (Irwin Statistics) Statistics for People Who (Think They) Hate Statistics Statistics and Finance: An Introduction (Springer Texts in Statistics) Statistics for People Who (Think They) Hate Statistics, 4th Statistics for People Who (Think They) Hate Statistics: Using Microsoft Excel 2016 Matrix Algebra Useful for Statistics (Wiley Series in Probability and Statistics) Matrix Algebra: Theory, Computations, and Applications in Statistics (Springer Texts in Statistics) Computational Statistics (Statistics and Computing) All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) Modern Applied Statistics with S (Statistics and Computing)

Contact Us

DMCA

Privacy

FAQ & Help