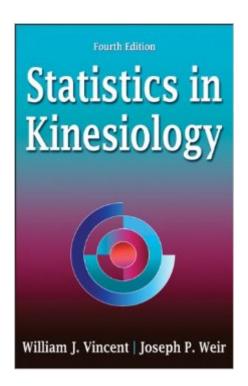
The book was found

Statistics In Kinesiology-4th 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: â ¢ 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 â ¢ More detailed coverage of analysis of covariance (ANCOVA), which is becoming the technique of choice for analyzing pretestâ "posttest control group design â ¢ New material on statistical inference and correlations, including information on hypothesis testing, types of error, confidence intervals, and partial correlations â ¢ 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 bookâ TMs practical approach, based on the authorsâ TM more than 50 years of combined experience in teaching statistics, will make it easy for students to learn these important, but often intimidating, concepts. v

Book Information

Hardcover: 392 pages

Publisher: Human Kinetics; 4 edition (April 2, 2012)

Language: English

ISBN-10: 1450402542

ISBN-13: 978-1450402545

Product Dimensions: 6.1 x 1.1 x 9.1 inches

Shipping Weight: 1.7 pounds

Average Customer Review: 4.3 out of 5 stars Â See all reviews (12 customer reviews)

Best Sellers Rank: #401,728 in Books (See Top 100 in Books) #97 in Books > Textbooks >

Medicine & Health Sciences > Research > Biostatistics #174 in Books > Medical Books > Basic

Sciences > Biostatistics #320 in Books > Science & Math > 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.

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.

You are obviously buying this book for a class. If you aren't, don't buy this book. It's not a pleasant read. My professor usually has to elaborate on things that weren't clear (or got completely left out) in the book.

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

Bought used, came in in great quality!

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-4th Edition Introduction to Kinesiology With Web Study Guide-4th Edition: Studying Physical Activity Introduction to Kinesiology: Studying Physical Activity, Third Edition Manual of Structural Kinesiology with Dynamic Human 2.0 Kinesiology Taping The Essential Step-By-Step Guide: Taping for Sports, Fitness and Daily Life -160 Conditions and Ailments Kinesiology Taping: Your Guide To The Best Methods And Techniques Research Methods in Kinesiology and the Health Sciences Time Series Modeling for Analysis and Control: Advanced Autopilot and Monitoring Systems (SpringerBriefs in Statistics / JSS Research Series in Statistics) Modern Applied Statistics With S-Plus (Statistics and Computing) An Introduction to Statistics with Python: With Applications in the Life Sciences (Statistics and Computing) All of Statistics: A Concise Course in Statistical Inference (Springer Texts in Statistics) Winning The Lottery: Revealed! Proven Tips, Techniques, and Strategies on How to Win the Lottery (Lotteries, Probabilities, Statistics) (Winning the Lottery, Lotteries, Probabilities, Statistics) Matrices With Applications in Statistics (Wadsworth statistics/probability series) Matrix Algebra: Theory, Computations, and Applications in Statistics (Springer Texts in Statistics) Applied Bayesian Statistics: With R and OpenBUGS Examples (Springer Texts in Statistics) Fundamentals of Statistics (4th Edition)(Access code not included) Analysis, Synthesis and Design of Chemical Processes (4th Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) 4th (fourth) Edition by Turton, Richard, Bailie, Richard, Whiting, Wallace B., Shaei [2012] 4th of July: Great Facts for Kids About AMERICA (Great 4th of July e-Book) (Summer Reading Collection) The Mexican League / La Liga Mexicana: Comprehensive Player Statistics, 1937-2001 bilingual edition / EstadÃ- sticas Comprensivas de los Jugadores, 1937-2001 edicion bilingue (Spanish Edition)

