Google Drive



Statistics in Kinesiology-4th Edition

William Vincent, Joseph Weir

Download now

Click here if your download doesn"t start automatically

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.

Download and Read Free Online Statistics in Kinesiology-4th Edition William Vincent, Joseph Weir

---

From reader reviews:

Jackson Ponce:

Reading a guide tends to be new life style on this era globalization. With reading you can get a lot of information which will give you benefit in your life. Together with book everyone in this world could share their idea. Ebooks can also inspire a lot of people. Lots of author can inspire all their reader with their story or their experience. Not only the storyline that share in the books. But also they write about the data about something that you need case in point. How to get the good score toefl, or how to teach your kids, there are many kinds of book that you can get now. The authors on this planet always try to improve their skill in writing, they also doing some research before they write with their book. One of them is this Statistics in Kinesiology-4th Edition.

Kathryn Botello:

This Statistics in Kinesiology-4th Edition is great reserve for you because the content which can be full of information for you who all always deal with world and have to make decision every minute. This specific book reveal it data accurately using great arrange word or we can point out no rambling sentences inside it. So if you are read that hurriedly you can have whole info in it. Doesn't mean it only will give you straight forward sentences but challenging core information with splendid delivering sentences. Having Statistics in Kinesiology-4th Edition in your hand like obtaining the world in your arm, data in it is not ridiculous a single. We can say that no e-book that offer you world within ten or fifteen small right but this guide already do that. So , this is good reading book. Hey there Mr. and Mrs. busy do you still doubt which?

Ellis Dunn:

Many people spending their time frame by playing outside having friends, fun activity having family or just watching TV the entire day. You can have new activity to pay your whole day by studying a book. Ugh, ya think reading a book really can hard because you have to use the book everywhere? It fine you can have the e-book, taking everywhere you want in your Smartphone. Like Statistics in Kinesiology-4th Edition which is getting the e-book version. So , why not try out this book? Let's observe.

Joan Stump:

Do you like reading a publication? Confuse to looking for your best book? Or your book has been rare? Why so many question for the book? But almost any people feel that they enjoy to get reading. Some people likes looking at, not only science book but additionally novel and Statistics in Kinesiology-4th Edition or others sources were given expertise for you. After you know how the good a book, you feel wish to read more and more. Science reserve was created for teacher or even students especially. Those textbooks are helping them to add their knowledge. In additional case, beside science e-book, any other book likes Statistics in Kinesiology-4th Edition to make your spare time far more colorful. Many types of book like this one.

Download and Read Online Statistics in Kinesiology-4th Edition William Vincent, Joseph Weir #IHQ84WE23JT

Read Statistics in Kinesiology-4th Edition by William Vincent, Joseph Weir for online ebook

Statistics in Kinesiology-4th Edition by William Vincent, Joseph Weir Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read Statistics in Kinesiology-4th Edition by William Vincent, Joseph Weir books to read online.

Online Statistics in Kinesiology-4th Edition by William Vincent, Joseph Weir ebook PDF download

Statistics in Kinesiology-4th Edition by William Vincent, Joseph Weir Doc

Statistics in Kinesiology-4th Edition by William Vincent, Joseph Weir Mobipocket

Statistics in Kinesiology-4th Edition by William Vincent, Joseph Weir EPub