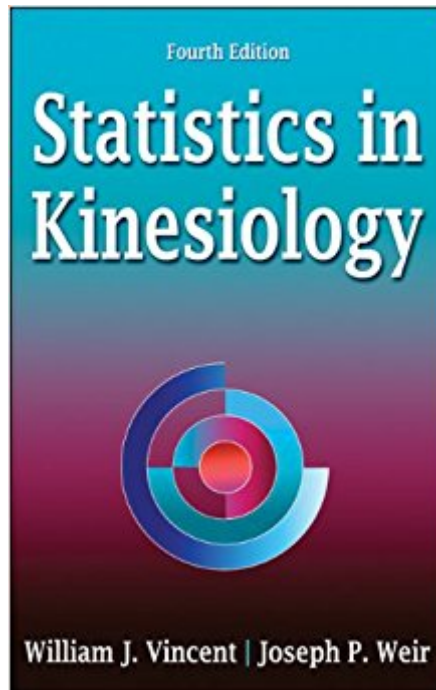**The book was found**

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: Ã¢â ¬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   Ã¢â ¬Â¢ More detailed coverage of analysis of covariance (ANCOVA), which is becoming the technique of choice for analyzing pretestÃ¢â ¬â œposttest control group design   Ã¢â ¬Â¢ New material on statistical inference and correlations, including information on hypothesis testing, types of error, confidence intervals, and partial correlations   Ã¢â ¬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 bookÃ¢ ¬â„¢s practical approach, based on the authorsÃ¢ ¬â„¢ 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

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Customer Reviews

"This is an excellent book for those who desire to know more about the practical aspects of statistics in exercise science and allied health professions. The information is introductory and very practical, which makes the book easy to read and enhances comprehension."   -- Doody's Book Review (4-star review)

William J. Vincent, EdD, is currently an adjunct professor and is the former director of the general education wellness program in the department of exercise sciences at Brigham Young University in Provo, Utah. He is professor emeritus and former chair of the department of kinesiology at California State University at Northridge. He was employed at CSUN for 39 years and taught statistics and measurement theory for 35 of those years. In 1995 he received the University Distinguished Teaching Award.   Dr. Vincent has been a member of the American Alliance for Health, Physical Education, Recreation and Dance since 1964. In 2007, he received the AAHPERD National Honor

Award for distinguished service to the profession. He has served as the president of the Southwest District of AAHPERD and was a member of the AAHPERD Board of Governors from 1993 to 1995. In 1988 he was named the Southwest District Scholar and delivered the keynote address titled "From Means to Manova" at the 1989 convention. Dr. Vincent is the author or coauthor of 4 books and more than 70 professional articles. Fifty-one of those articles appeared in refereed journals, including Research Quarterly for Exercise and Sport, the International Journal of Sports Medicine, and the Journal of Athletic Training. He has a bachelorÃ¢â¬â„¢s degree in physical education (pedagogy), a masterÃ¢â¬â„¢s degree in physical education (exercise physiology), and a doctorate in educational psychology (perception and learning), all from the University of California at Los Angeles. Dr. Vincent and his wife, Diana, live in Lindon, Utah, and have 6 children and 20 grandchildren. In his free time, Dr. Vincent enjoys camping, snow skiing and water skiing, conducting genealogical research, and reading. Joseph P. Weir, PhD, is a professor in the doctor of physical therapy program at Des Moines University in Iowa. He earned his doctorate in exercise physiology from the University of Nebraska at Lincoln. Dr. Weir is a fellow of both the American College of Sports Medicine (ACSM) and the National Strength and Conditioning Association (NSCA). He was given the NSCA PresidentÃ¢â¬â„¢s Award in 2007 and its William J. Kraemer Outstanding Sport Scientist Award in 2006. He served as president of the National Strength and Conditioning Association Foundation from 2006 to 2009, and he was cochair of the ACSMÃ¢â¬â„¢s Biostatistics Interest Group from 2001 to 2003. Dr. Weir is the associate editor of the Journal of Strength and Conditioning Research, and he is a member of the editorial board of Medicine and Science in Sports and Exercise. He is the author of numerous research articles, which have appeared in journals including European Journal of Applied Physiology, Physiological Measurement, American Journal of Physiology, and the Journal of Orthopaedic and Sports Physical Therapy. He is coauthor of Physical Fitness Laboratories on a Budget, and he has contributed chapters to seven texts, including NSCAÃ¢â¬â„¢s Essentials of Personal Training. Dr. Weir is originally from Glennallen, Alaska. He and his wife, Loree, live near Des Moines, Iowa, and have three children. Dr. Weir is an avid motorcyclist and fan of University of Nebraska football.

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..!!

Statistics for People Who (Think They) Hate Statistics (Salkind, Statistics for People Who(Think They Hate Statistics(Without CD)) 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: Fourth Edition Statistics in Kinesiology - 3rd Edition Discovering Statistics Using IBM SPSS Statistics, 4th Edition Statistics for People Who (Think They) Hate Statistics, 4th Introduction to Kinesiology With Web Study Guide-4th Edition: Studying Physical Activity Introduction to Kinesiology-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: Using Microsoft Excel 2016 Matrix Algebra Useful for Statistics (Wiley Series in Probability and Statistics) Matrix Algebra: Theory, Computations, and

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