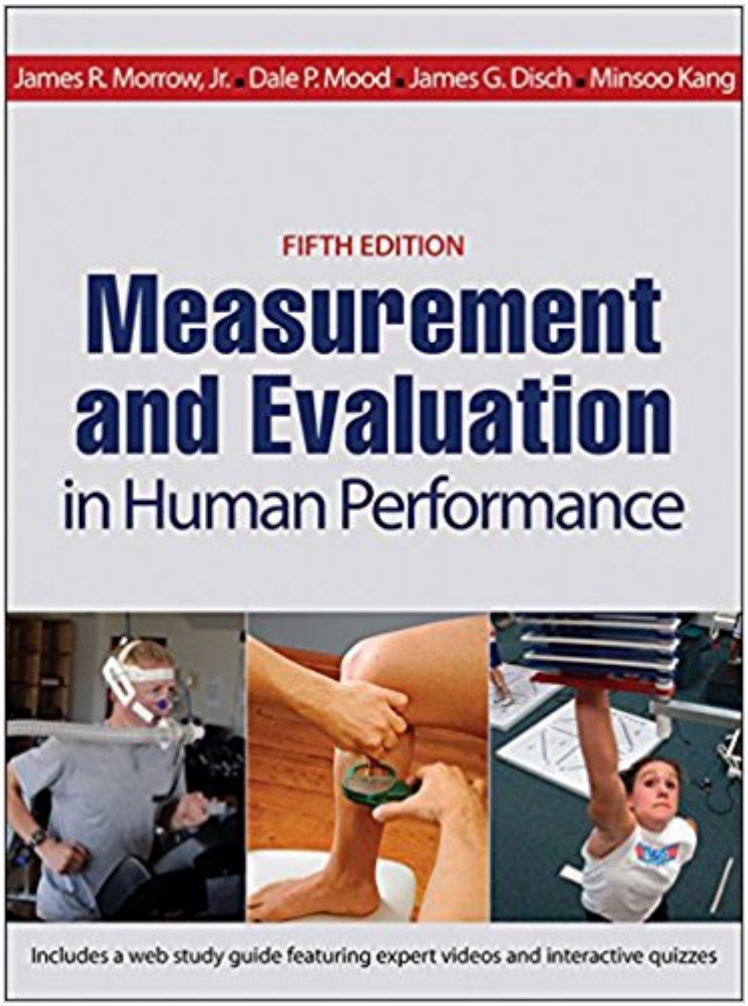
Measurement And Evaluation In Human Performance With Web Study Guide 5th Edition



Synopsis

Measurement and Evaluation in Human Performance, Fifth Edition With Web Study Guide, leads students through the fundamentals of collecting and analyzing data of human performance and applying their results to real-life situations. Focusing on the core concepts of reliability and validity of data, the text provides all the necessary tools for evidence-based decision making that can be applied to physical therapy, allied health professions, kinesiology, sport and exercise science, physical education, health, and fitness. The fifth edition of Measurement and Evaluation in Human Performance provides students with a logical progression of information in a straightforward manner. Introductory algebraic concepts are combined with the technological capabilities of Microsoft Excel and IBMâ ™s Statistical Package for the Social Sciences (SPSS) to aid students in calculations and data analysis. The text expands on previous editions and includes the following enhancements: â ¢ Additional sport-specific and exercise examples, as well as physical education examples focusing on motor skill abilities and psychological skills, that provide real-world application of the material â ¢ Updated examples for use and practice with Excel and SPSS calculations and techniques that illustrate data analyses â ¢ Expanded emphasis on evidence-based decision making to guide students in making appropriate decisions â ¢ 52 video interviews of top researchers who offer greater insight into the field as students work through the text The text is divided into four easy-to-follow parts. Part I introduces the concepts of measurement and evaluation and their importance to decision making in human performance with specific attention to applications of measurement, testing, and evaluation. Part II explores statistics as core tools and resources for these evaluations and decisions and explains the various forms of statistical procedures often used in measurement. Part III takes the skills gained from parts I and II and extends them into applied issues in human performance, such as evaluating a personâ ™s aerobic capacity or muscular strength. The importance of reliability and validity in data is also covered in detail. Part IV provides information on practical applications that apply all of the information from the previous sections. Learning aids for this text, including a robust and newly updated web study guide with activities and questions for active learning and engagement, enhance student comprehension and retention. Chapter objectives highlight main points that students should focus on throughout the chapters, and key terms are highlighted and defined in the glossary. Mastery Items include problems and activities that test student knowledge, while Measurement and Evaluation Challenge sidebars provide scenarios that can be tackled with the information gathered throughout the chapter. Additional data sets for each chapter are also provided in the web study guide for practice and mastery of techniques in Excel and SPSS. To aid instructors, Measurement

and Evaluation in Human Performance, Fifth Edition, includes a suite of ancillary materials: instructor guide, presentation package plus image bank, test package, chapter quizzes, and instructor videos. Measurement and Evaluation in Human Performance, Fifth Edition, continues to provide students with the tools and confidence they will need to gather reliable data, analyze it, and apply it in their work with clients. With its emphasis on understanding and applying sound measurement techniques, this fifth edition prepares students and professionals to identify problems and make solid decisions in the realm of human performance.

Book Information

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Customer Reviews

James R. Morrow, Jr., PhD, is a regents professor emeritus in the department of kinesiology, health promotion, and recreation at the University of North Texas at Denton. Morrow regularly teaches courses in measurement and evaluation in human performance. He has authored more than 150 articles and chapters on measurement and evaluation, physical fitness, physical activity, and computer use and has made approximately 300 professional presentations. He has also conducted significant research using the techniques presented in the text. Morrow served as president of the National Academy of Kinesiology and as chair of the Presidentâ ™s Council on Physical Fitness and Sports Science Board. He has received research funding from the United States Olympic Committee, the U.S. Centers for Disease Control and Prevention, the National Institutes of Health, and the Cooper Institute. He is a fellow of the American College of Sports Medicine (ACSM); the National Academy of Kinesiology (NAK); and the North American Society of Health, Physical

Education, Recreation, Sport and Dance Professionals. He is also a research fellow of SHAPE America. Morrow has chaired the AAHPERD Measurement and Evaluation Council and is a recipient of that councilâ ™s Honor Award. He has produced four fitness-testing software packages, including the AAHPERD Health-Related Physical Fitness test, and was editor in chief of Research Quarterly for Exercise and Sport from 1989 to 1993. He was the founding coeditor of the Journal of Physical Activity and Health. He enjoys playing golf, reading, traveling, and spending time with his grandchildren. Dale P. Mood, PhD, is a professor emeritus and former associate dean of arts and sciences at the University of Colorado at Boulder. Mood has taught measurement and evaluation, statistics, and research methods courses since 1970 and has published extensively in the field, including 47 articles and 6 books. He has been a consultant to five NFL football teams and chair of the Measurement and Evaluation Council of AAHPERD, and he is a former president of AAALF. He is a reviewer for Medicine and Science in Sports and Exercise, Measurement in Physical Education and Exercise Science, and Research Quarterly for Exercise and Sport. In his leisure time, Mood enjoys reading, officiating summer league swimming meets, traveling, following the activities of his 17 grandchildren, and participating in a variety of physical activities. James G. Disch, PED, is an associate professor in the sport management department at Rice University. From 1986 to 1991 he was master of Richardson College at Rice. From 1995 to 2001 he was chair of the kinesiology department. Disch has authored numerous articles, chapters, manuals, and texts in the areas of applied measurement, prediction in sport, and applied sport science. A member of AAHPERD (now SHAPE America) since 1974, he has been chair, secretary, and advisory board member of the measurement and evaluation council of AAHPERD. He was vice president of the college division of TAHPERD and had numerous section chair appointments. Disch is also a reviewer for Research Quarterly for Exercise and Sport and Medicine and Science in Sports and Exercise. Disch has coordinated several workshops and symposia on measurement and evaluation. He was a major contributor to the development of AAHPERD health-related fitness norms in 1980 and has worked as a consultant and advisor for Olympic and professional teams. In 1999 he received the National Measurement and Evaluation Council Honor Award, and in 2011 he was named a Sport Ethics Fellow of the Year by the International Institute of Sport and the Positive Coaching Alliance. He was named the TAHPERD Scholar for 2012. Dr. Disch served on the board of the RBI Foundation (Recycled Baseball Items) from 2009 until 2014 and is the current chair of the Houston chapter of the Positive Coaching Alliance. He is also on the local planning committee for the Joe Niekro Foundation Knuckleball. Disch earned his PED in biomechanics and measurement from Indiana University in 1973. Minsoo Kang, PhD, is a professor in the department of health and human

performance at Middle Tennessee State University. He received his PhD in kinesmetrics (measurement and evaluation) in kinesiology with emphasis in IRT, Rasch, and psychometrics from the University of Illinois at Urbana-Champaign. Kangâ ™s research has focused on measurement and statistical methods and their applications to assessments of physical activity and sedentary behavior. He has published more than 70 refereed journal articles, made 9 book contributions, and presented more than 200 research projects. He teaches courses on data analysis, research methods, meta-analysis, research seminar, and current measurement issues in human performance. He enjoys playing badminton, golf, and tennis. Kang is a fellow of the American College of Sports Medicine (ACSM) and a research fellow of SHAPE America. He has chaired the AAHPERD Measurement and Evaluation Council and is a recipient of that councilâ ™s Honor Award. Kang received the Distinguished Research Award at Middle Tennessee State University. He currently is an associate editor of the Research Quarterly for Exercise and Sports, a section editor of Measurement in Physical Education and Exercise Science, and a member of the editorial board for those journals.

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Great

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