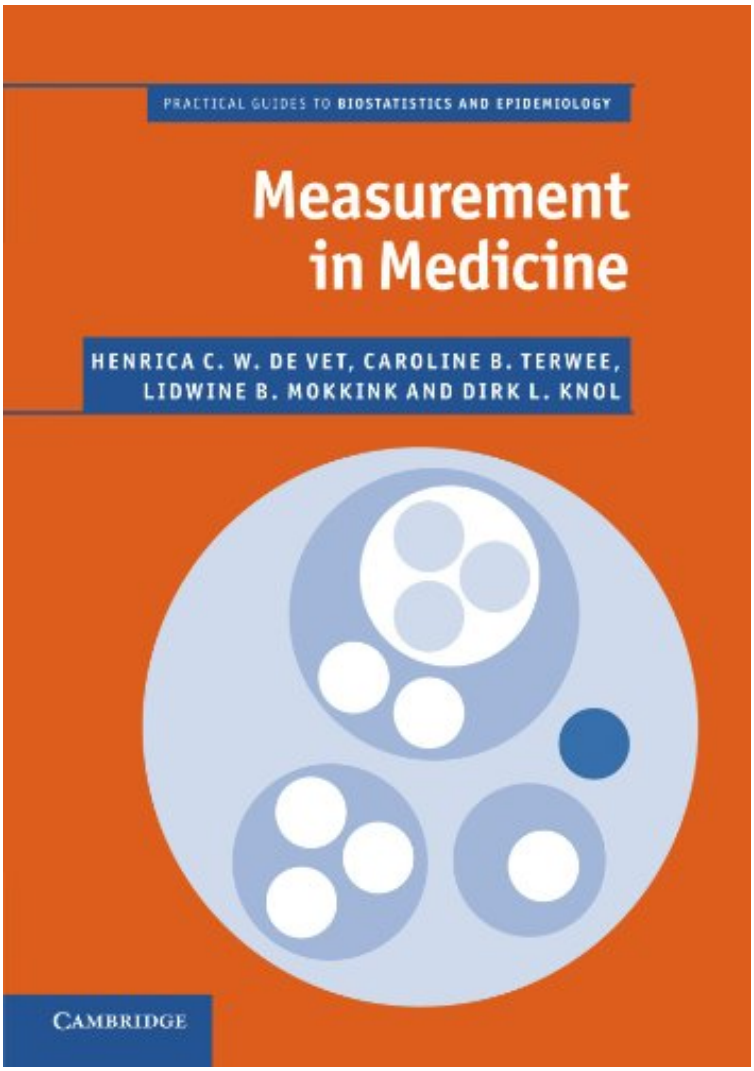
Measurement in Medicine: A Practical Guide (Practical Guides to Biostatistics and Epidemiology)

Henrica C. W. de Vet, Caroline B. Terwee, Lidwine B. Mokkink, Dirk L. Knol



#1600336 in Books De Vet Henrica 2011-09-30Original language:EnglishPDF # 1 8.98 x .79 x 5.98l, 1.40 #File Name: 0521133858347 pagesMeasurement in Medicine | File size: 41.Mb

Henrica C. W. de Vet, Caroline B. Terwee, Lidwine B. Mokkink, Dirk L. Knol : Measurement in Medicine: A Practical Guide (Practical Guides to Biostatistics and Epidemiology) before purchasing it in order to gage whether or not it would be worth my time, and all praised Measurement in Medicine: A Practical Guide (Practical Guides to Biostatistics and Epidemiology):

0 of 0 people found the following review helpful. Five StarsBy CustomerAmazing measurement properties review0 of 0 people found the following review helpful. Good reference but "hesitant" in some casesBy PolProfIt is a good book still a bit confusing at times. It seemed a bit contradictory in some cases on recommendations. But overall a good

reference to have.2 of 3 people found the following review helpful. CosminBy Luis OrozcoThis is a good book, but is married to COSMIN. Is that good? I am not sure.Some chapters are missing:1.Measuremet theory (the book title is "Measurement in Medicine).2. Sampling strategies and phases (not all sampling is cross sectional).3: Bias and other problems (the problem of validity in validation studies).The only model that converts ordinal scores to interval scale is treated very superficially.Nevertheless is a book you have to read.

The success of the Apgar score demonstrates the astounding power of an appropriate clinical instrument. This down-to-earth book provides practical advice, underpinned by theoretical principles, on developing and evaluating measurement instruments in all fields of medicine. It equips you to choose the most appropriate instrument for specific purposes. The book covers measurement theories, methods and criteria for evaluating and selecting instruments. It provides methods to assess measurement properties, such as reliability, validity and responsiveness, and interpret the results. Worked examples and end-of-chapter assignments use real data and well-known instruments to build your skills at implementation and interpretation through hands-on analysis of real-life cases. All data and solutions are available online. This is a perfect course book for students and a perfect companion for professionals/researchers in the medical and health sciences who care about the quality and meaning of the measurements they perform.

"The examples and illustrations provided are one of the book's great strengths. Each example seems carefully selected to better describe the measurement topic. It is our experience that measurement issues lend themselves well to graphical illustrations and real-data applications, and this book offers a wealth of both. Finally, an 'assignment' section follows each chapter that could prove useful in classroom settings. Intended for students, the questions focus on key aspects from each chapter and require a solid understanding of the material covered... As research on health measurement expands, we expect this book to serve as a helpful companion to the medical and health researcher." Brian D. Stucky Claudia C. A. Pereira, Quality of Life ResearchAbout the AuthorHenrica C. W. de Vet is a Professor of Clinimetrics in the Department of Epidemiology and Biostatistics and the EMGO Institute for Health and Care Research at VU University Medical Center, Amsterdam.Caroline B. Terwee is an Assistant Professor of Clinimetrics in the Department of Epidemiology and Biostatistics and the EMGO Institute for Health and Care Research at VU University Medical Center, Amsterdam.Lidwine B. Mokkink is a Research Fellow in the Department of Epidemiology and Biostatistics and the EMGO Institute for Health and Care Research at VU University Medical Center, Amsterdam.Dirk L. Knol is an Assistant Professor of Statistics in the Department of Epidemiology and Biostatistics and the EMGO Institute for Health and Care Research at VU University Medical Center, Amsterdam.