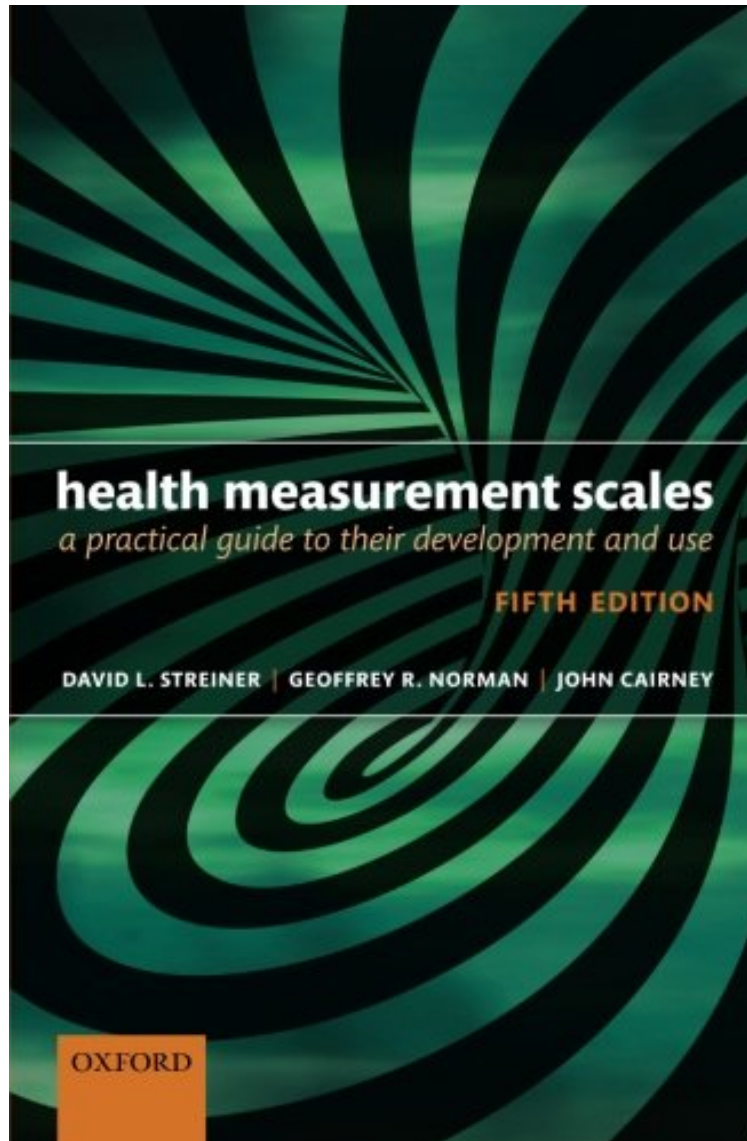


Health Measurement Scales: A practical guide to their development and use

David L. Streiner, Geoffrey R. Norman, John Cairney
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David L. Streiner, Geoffrey R. Norman, John Cairney : Health Measurement Scales: A practical guide to their development and use before purchasing it in order to gage whether or not it would be worth my time, and all praised Health Measurement Scales: A practical guide to their development and use:

0 of 0 people found the following review helpful. A must read for people who want to develop a new instrument/scale to assess health behaviorBy I Teach TypingIf you want to develop a new instrument/scale to assess health behavior get

this book. I have been doing biostatistics for a living for more than a dozen years and this book in its various forms has remained one of my favorites because of its clear writing and spot on advice. Over the years countless doctors have proposed using an instrument they have created to assess response to a new treatment. This book covers exactly why that is two projects not one. Development/validation of the instrument is its own project. This book covers the statistics and methods used to properly assess the reliability and validity of new (or existing) instrument/test/scale with fantastically clear writing. There are many examples taken from medicine and a fair number coming from education and psychology. All are clearly explained. There are no proofs or derivations in this book. Instead you will find basic algebra and worked examples for most of the statistics. All the coverage is good but one of the truly excellent features of this book is the coverage of intra-class correlation. Nobody has done a better job explaining ICCs. Some of my students find Norman and Streiner's Biostatistics the Bare essentials hilarious others find it too wordy. While there are rare funny comments this book has been edited to be much more concise and not silly. So, while it is not mathematically rigorous, it is a serious book. While this is a statistics and methods book at its core, the writing is accessible for anyone with a background in medicine, education or psychology, as well as people coming from mathematics who like clean prose. While this book could be better (if it had a web supplement with detailed coverage of SAS and/or R) it is otherwise fantastic. 0 of 0 people found the following review helpful. Appropriate depth while still approachable. By Ira L. Incredibly nicely written balancing appropriate formality with a fluid, approachable writing style. Also balances a healthy dose of prose with mathematical equations when absolutely necessary. Finally, I appreciate the historical perspective applied to many of these concepts. 0 of 0 people found the following review helpful. Good purchase. By Customer It is a well-elaborated book related to the subject.

Clinicians and those in health sciences are frequently called upon to measure subjective states such as attitudes, feelings, quality of life, educational achievement and aptitude, and learning style in their patients. This fifth edition of Health Measurement Scales enables these groups to both develop scales to measure non-tangible health outcomes, and better evaluate and differentiate between existing tools. Health Measurement Scales is the ultimate guide to developing and validating measurement scales that are to be used in the health sciences. The book covers how the individual items are developed; various biases that can affect responses (e.g. social desirability, yea-saying, framing); various response options; how to select the best items in the set; how to combine them into a scale; and finally how to determine the reliability and validity of the scale. It concludes with a discussion of ethical issues that may be encountered, and guidelines for reporting the results of the scale development process. Appendices include a comprehensive guide to finding existing scales, and a brief introduction to exploratory and confirmatory factor analysis, making this book a must-read for any practitioner dealing with this kind of data.

from previous edition: "This book is a useful resource that should have a fairly broad appeal for researchers needing to develop new measurement scales, researchers who need to critically appraise literature concerned with measurement tools, and anyone interested in an accessible overview of important measurement issues and methods." --The Canadian Journal of Psychiatry March 2011 "The text is well laid out with chapters covering basic concepts, devising the items, scaling responses, methods of administration and ethical considerations being easy to read." --Occupational Medicine March 2011 "This is a book that can be used as a key reference book by those who wish to study qualitative change in health status by the use of scales." --Occupational Medicine 2010 About the Author David L. Streiner, Director, Kunitz-Lunenfeld Applied Research Unit, Assistant Vice-President, Research, Baycrest Centre, and Professor, Department of Psychiatry, University of Toronto, Canada, Geoffrey R. Norman, Assistant Dean, Program for Educational Research and Development, and Professor, Department Clinical Epidemiology and Biostatistics, McMaster University, Canada, John Cairney, Associate Professor, Department of Family Medicine, McMaster University, Canada David Steiner is a clinical psychologist by training, and currently a Professor of Psychiatry at the University of Toronto and Professor Emeritus in the Department of Clinical Epidemiology and Biostatistics and in the Department of Psychiatry and Behavioural Neurosciences, both at McMaster University. David is a Senior Scientific Editor of Health Reports, and sits on the editorial boards of four other journals. He has written or edited 9 books, in the areas of statistics, epidemiology, public health, and measurement theory; and have published over 350 articles in these and other areas. David's main interests are quality of life in people with various medical conditions, scale development, research design, treatment of the homeless mentally ill, and woodworking.