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Health Measurement Scales: A Practical Guide to Their Development and Use (Oxford Medical Publications)

David L. Streiner, Geoffrey R. Norman
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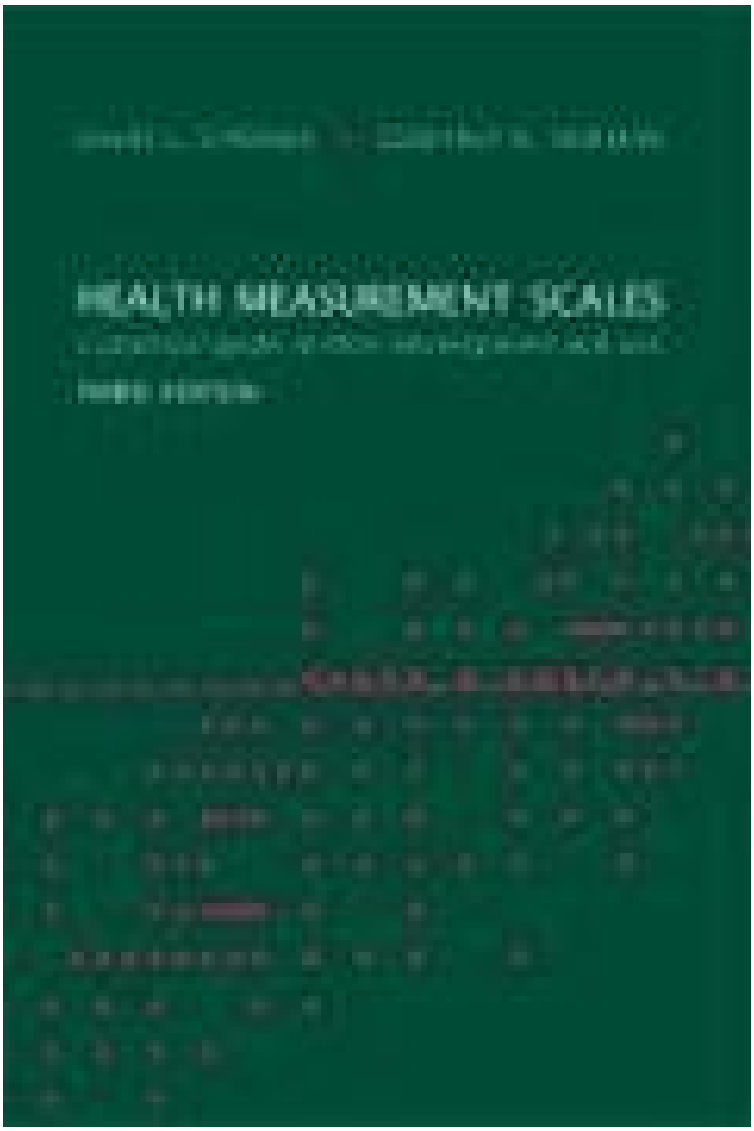

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David L. Streiner, Geoffrey R. Norman : Health Measurement Scales: A Practical Guide to Their Development and Use (Oxford Medical Publications) before purchasing it in order to gage whether or not it would be worth my time, and all praised Health Measurement Scales: A Practical Guide to Their Development and Use (Oxford Medical Publications):

1 of 1 people found the following review helpful. Superb writing (especially on reliability)By I Teach TypingAs others have said, this is a beautifully written book that is full of practical advice on developing an new health scale/instrument but beyond that advice this has wonderful chapters on statistics. It has the most readable chapter on reliability I have seen (and also good coverage of generality theory and item response theory). In addition to lucid prose, the references are perfect for people who know only a little statistics (or even if you know a lot outside of this area). For example, the concepts of statistical reliability are explained and then popular options including Pearson correlation, kappa, Intra-class correlation (ICC) and Bland Altman methods are each is given a page or two. So, if you are struggling with what method to use to assess reliability start here and then hit the references that they suggest (Weir 2005 for this example). Basically this is the first book a clinical investigator should pick up if they want to develop an instrument/scale.6 of 6 people found the following review helpful. very nice book, excellent practical adviceBy JVerkuilenI really like this book and wish that I'd found out about it before my psychometrics class in the spring started, because I would have assigned it in a heartbeat. It's got a lot of the kind of practical advice that anyone thinking of creating a scale REALLY needs to hear first, including the #1 bit of advice: Should you make one yourself? For instance, excellent summaries of the work on scale usage biases by Jon Krosnick, Norbert Schwartz, etc., give useful cautionary information for scale constructors. I have a few disagreements---some of the advice about procedures such as some of the scaling methods they mention is out of date, for instance, and the chapters on factor analysis and IRT are a bit weak, but I can cover that with other material. It certainly doesn't detract from the value of the book overall and I've learned a bunch I didn't know reading it. It'll be on the syllabus next time!0 of 0 people found the following review helpful. Comprehensive GuideBy Judith E. ElsterA really good source book for measurement of health. Comprehensive guide to provide a researcher with tools to measure reliability and validity of their measuring instrument.

This is the new edition of the highly successful practical guide for clinicians developing tools to measure subjective states, attitudes or non-tangible outcomes in their patients. It is widely used by people from many disciplines, who have only a limited knowledge of statistics. This thoroughly updated edition of Health Measurement Scales 3e gives more details on cognitive requirements in answering questions, and how this influences scale development. There is now an expanded discussion of generizibility theory, a completely revised chapter on Item Response Theory and many revisions are included, based on the latest research findings. These features combine to provide the most up-to-date guide to measuring scale development available. It synthesizes the theory of scale construction with practical advice, culled from the literature and the authors' experience, about how to develop and validate measurement scales to be used in the health sciences. The theory goes into issues of reliability, generalizability theroy, validity, the measurement of change, the cognitive requirements of answering questions, and item response theory. Practical issues cover devising the items, biases that may affect the responses, pre-testing and weeding our poorly performing items, combining items into scales, setting cut points, and the practical issues of using scales in various ways, such as face-to-face interviews; mailed or telephone-administered surveys; and over the internet. One chapter also discusses some of the ethical issues that scale developers and users should be aware of. Appendices lead the reader to other readings; sources of already developed scales and items; and a very brief introduction to exploratory and confirmatory factor analysis.

"This book provides a comprehensive presentation regarding scale development and evaluation, as well as topics regarding scale administration...a valuable reference book for researchers interested in the intricacies and nuances of scale development and evaluation." --Journal of Biopharmaceutical StatisticsAbout the AuthorDavid Streiner was trained in Clinical Psychology, and received his Ph.D. in 1968 from Syracuse University. He is the Assistant Vice President for Research, Director, Kunin-Lunenfeld Applied Research Unit at the Baycrest Centre for Geriatric Care. His primary research interests, broadly speaking, include the psychological effects of medical disorders and treatments, and how to apply psychological ways of thinking to other areas. He is involved in a series of studies looking at the psychosocial effects of environmental hazards, and the relationship between stress and the "sick building syndrome". His other studies investigate the cognitive effects of anti-malarial medications, and factors which predispose travellers to do risky things. Geoffrey Norman's research falls in three broad domains: 1) research on clinical reasoning, particularly in the relative contribution of rapid processing based on prior experience (so-called pattern recognition) and analytical rules; 2) assessment of students (reliability and validity of various approaches from multiple choice tests to undetected standardized patients; 3) methodology of measurement, particularly as it pertains to the measurement of change. He is