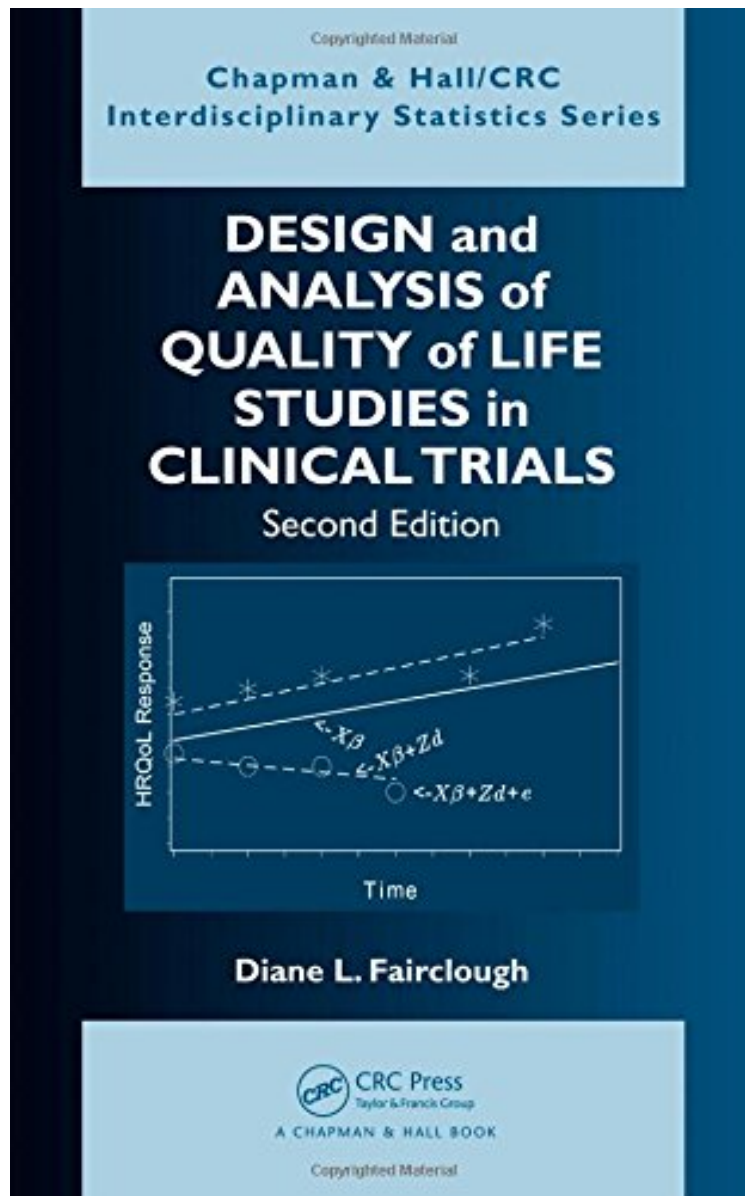


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## Design and Analysis of Quality of Life Studies in Clinical Trials, Second Edition (Chapman Hall/CRC Interdisciplinary Statistics)

*Diane L. Fairclough*

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**Diane L. Fairclough : Design and Analysis of Quality of Life Studies in Clinical Trials, Second Edition (Chapman Hall/CRC Interdisciplinary Statistics)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Design and Analysis of Quality of Life Studies in Clinical Trials, Second Edition

(Chapman Hall/CRC Interdisciplinary Statistics):

Design Principles and Analysis Techniques for HRQoL Clinical Trials SAS, R, and SPSS examples realistically show how to implement methods Focusing on longitudinal studies, Design and Analysis of Quality of Life Studies in Clinical Trials, Second Edition addresses design and analysis aspects in enough detail so that readers can apply statistical methods, such as mixed effect models, to their own studies. The author illustrates the implementation of the methods using the statistical software packages SAS, SPSS, and R. New to the Second Edition Data sets available for download online, allowing readers to replicate the analyses presented in the text New chapter on testing models that involve moderation and mediation Revised discussions of multiple comparisons procedures that focus on the integration of health-related quality of life (HRQoL) outcomes with other study outcomes using gatekeeper strategies Recent methodological developments for the analysis of trials with missing data New chapter on quality adjusted life-years (QALYs) and QTWiST specific to clinical trials Additional examples of the implementation of basic models and other selected applications in R and SPSS This edition continues to provide practical information for researchers directly involved in the design and analysis of HRQoL studies as well as for those who evaluate the design and interpret the results of HRQoL research. By following the examples in the book, readers will be able to apply the steps to their own trials.

The book is written for a wide range of researchers interested in HRQoL research, including clinicians, epidemiologists, psychologists and statisticians. the author did her best to make the material accessible to a larger audience through the chapter structure, the datasets, the software code and programs available from the authors website. She should be commended for her efforts and improvements since the first edition. Every researcher involved in the design and analysis of HRQoL studies will benefit from having this book on their shelf. Stephane Heritier, Australian New Zealand Journal of Statistics, 2013 I found that the use of well-placed comment statements and titles, as well as additional coding [on the authors website], enhanced my understanding considerably. Cynthia A. Rodenberg, Journal of Biopharmaceutical Statistics, 21, 2011 It is a well-organized and nicely written book, which should be quite useful for researchers involved in HRQoL studies. it may serve as a textbook for a graduate-level course in applied statistics focused on clinical epidemiology and health services research. Another bonus for students and instructors refer to the example programs in SAS, SPSS and R provided in the book, in addition to full data sets available for download online, which was not offered with the first edition. Biometrics, 67, September 2011 Professor Fairclough has succeeded in writing a book which can be used by trial statisticians for the valid analysis of quality of life data. It is a remarkable combination of theory and practical advice. The second edition [includes] examples in R and SPSS as well as SAS, and gives links to download all the data and much of the code in the book. excellent book. All in all, this is a useful resource for statisticians working in the areas of quality of life, clinical trials, and/or missing data. ISCB News, No. 51, June 2011 this book offers unique perspectives and insights that reflect decades of hands-on experience with HRQoL trials and that will certainly benefit researchers in this area. Written clearly and concisely, the book is a pleasure to read. The technical level is reasonable for statistical practitioners and medical researchers with a good understanding of basic statistical concepts and methods. I would definitely recommend the book to researchers in HRQoL studies, and I think it is worth reading by anyone interested in clinical trials, because many of the issues discussed extend far beyond HRQoL studies. Statistics in Medicine, 2011, 30 The book sits well in the Interdisciplinary Statistics Series, containing much insightful discussion of the issues and not too much mathematics. It is carefully written and well organized and likely to become a standard reference in the area, taking its place on many a bookshelf, both personal and library-based. International Statistical (2010), 78, 3 About the Author Diane L. Fairclough is a professor in the Department of Biostatistics and Informatics in the Colorado School of Public Health and director of the Biostatistics Core of the Colorado Health Outcomes Program at the University of Colorado in Denver. She is also President of the International Society for Quality of Life Research. Dr. Faircloughs prior appointments include St. Jude Childrens Research Hospital, Harvard School of Public Health, and AMC Cancer Research Center.