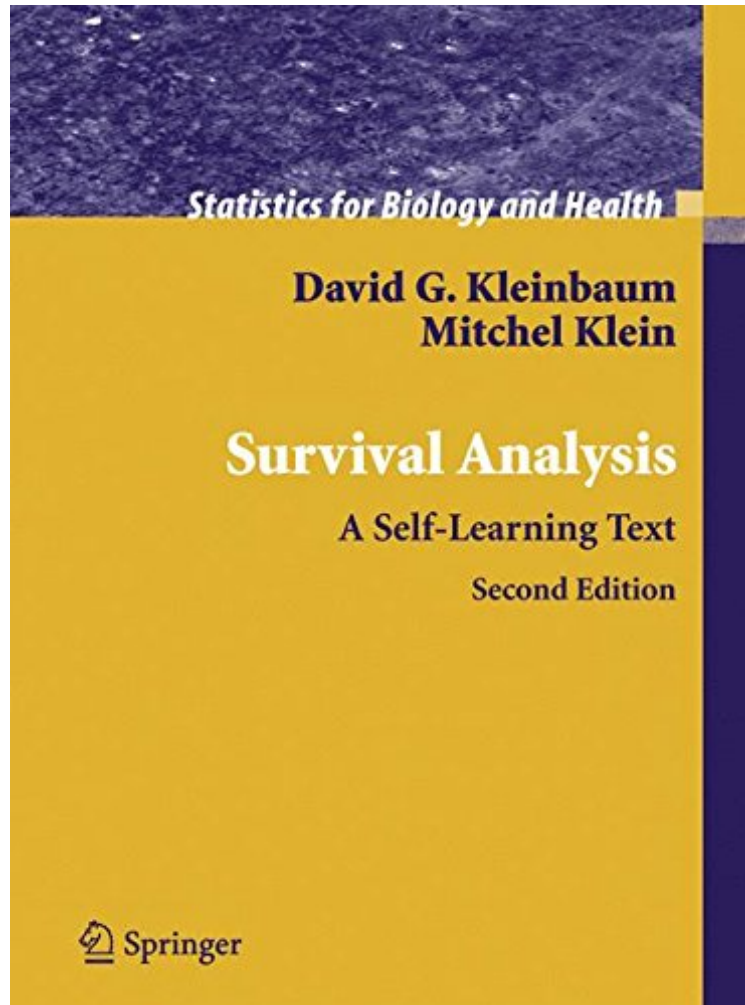


(Download) Survival Analysis: A Self-Learning Text (Statistics for Biology and Health)

# Survival Analysis: A Self-Learning Text (Statistics for Biology and Health)

David G. Kleinbaum, Mitchel Klein  
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**David G. Kleinbaum, Mitchel Klein : Survival Analysis: A Self-Learning Text (Statistics for Biology and Health)** before purchasing it in order to gage whether or not it would be worth my time, and all praised Survival Analysis: A Self-Learning Text (Statistics for Biology and Health):

5 of 5 people found the following review helpful. Excellent, excellent resource!By Brandon SchultzLike other reviewers, I've scoured the bookstores looking for a good resource to provide a practical approach to conducting a survival analysis, and this book--hands down--is the best resource I have found yet. It is written in a very accessible style, and the formulas are written out in plain English so that you can intelligently communicate them to others. The chapters are well written, and each ends with practice questions that are extremely helpful.My only criticism is that the

authors do not address the issue of discrete-time survival analysis, which is often necessary when the underlying hazard rates in your unit of time (e.g., day, week, month) exceeds .20 or so at any point. If you find yourself in that situation, then I would recommend the text by Singer and Willett (2003) *Applied Longitudinal Data Analysis: Modeling Change and Event Occurrence*. However, the Willett and Singer book is much more dense and difficult. If you don't have to worry with discrete-time analysis, then "Survival Analysis: A Self-Learning Text" is as close to 'one-stop-shopping' you can get. 0 of 0 people found the following review helpful. Five Stars By kang jin younggood3 of 6 people found the following review helpful. Poorly Written, Poorly Conceived By Customer This book struck almost every single one of my biggest peeves about texts. Numbers written out as words: this is, essentially, a mathematics book. We don't like letters, we like numbers, and writing out "thirteen point five" is only outdone by the obnoxiousness of writing out whole equations in the text. Readers who need to be told that " $X-3/\ln(X+5)$ " means "x plus three divided by the natural log of x plus five" should probably not be using this text. Second, the details of examples are sparsely filled, and examples don't go all the way through. Many of them are great for theoretical concepts, like how a statistic works, but give no hint as to how one might actually employ it. Page after page of SAS, STATA, and SPIDA output are useless without the accompanying code to create them. The index is astoundingly cursory. It's really hard to find anything. Frankly a worthless text, I'm glad I bought it used.

An excellent introduction for all those coming to the subject for the first time. New material has been added to the second edition and the original six chapters have been modified. The previous edition sold 9500 copies world wide since its release in 1996. Based on numerous courses given by the author to students and researchers in the health sciences and is written with such readers in mind. Provides a "user-friendly" layout and includes numerous illustrations and exercises. Written in such a way so as to enable readers learn directly without the assistance of a classroom instructor. Throughout, there is an emphasis on presenting each new topic backed by real examples of a survival analysis investigation, followed up with thorough analyses of real data sets.

"Imagine---a statistics textbook that actually explains things in English instead of explaining a topic by bombarding the reader with page-width equations requiring an advanced degree in Math just to read the book. If it weren't for this book, I would be really stuck." (David Britz) From the reviews of the second edition: "The most meaningful accolade that I can give to this text is that it admirably lives up to its title." *Journal of the American Statistical Association*, September 2006 "This text is an elementary introduction to survival analysis. It is primarily intended for self-study, but it has also proven useful as a basic text in a standard classroom course. Each chapter starts with an Introduction, an Abbreviated outline, and Objectives, and ends with self tests, exercises and a detailed outline. Solutions to tests and exercises are also provided." (Gran Brostrm, *Zentralblatt MATH*, Vol. 1093 (19), 2006) From the Back Cover This greatly expanded second edition of *Survival Analysis- A Self-learning Text* provides a highly readable description of state-of-the-art methods of analysis of survival/event-history data. This text is suitable for researchers and statisticians working in the medical and other life sciences as well as statisticians in academia who teach introductory and second-level courses on survival analysis. The second edition continues to use the unique "lecture-book" format of the first (1996) edition with the addition of three new chapters on advanced topics: Chapter 7: Parametric Models Chapter 8: Recurrent events Chapter 9: Competing Risks. Also, the Computer Appendix has been revised to provide step-by-step instructions for using the computer packages STATA (Version 7.0), SAS (Version 8.2), and SPSS (version 11.5) to carry out the procedures presented in the main text. The original six chapters have been modified slightly to expand and clarify aspects of survival analysis in response to suggestions by students, colleagues and reviewers, and to add theoretical background, particularly regarding the formulation of the (partial) likelihood functions for proportional hazards, stratified, and extended Cox regression models David Kleinbaum is Professor of Epidemiology at the Rollins School of Public Health at Emory University, Atlanta, Georgia. Dr. Kleinbaum is internationally known for innovative textbooks and teaching on epidemiological methods, multiple linear regression, logistic regression, and survival analysis. He has provided extensive worldwide short-course training in over 150 short courses on statistical and epidemiological methods. He is also the author of *ActivEpi* (2002), an interactive computer-based instructional text on fundamentals of epidemiology, which has been used in a variety of educational environments including distance learning. Mitchel Klein is Research Assistant Professor with a joint appointment in the Department of Environmental and Occupational Health (EOH) and the Department of Epidemiology, also at the Rollins School of Public Health at Emory University. Dr. Klein is also co-author with Dr. Kleinbaum of the second edition of *Logistic Regression- A Self-Learning Text* (2002). He has regularly taught epidemiologic methods courses at Emory to graduate students in public health and in clinical medicine. He is responsible for the epidemiologic methods training of physicians enrolled in Emory's Master of Science in Clinical Research Program, and has collaborated with Dr. Kleinbaum both nationally and internationally in teaching several short courses on various topics in epidemiologic methods. About the Author David Kleinbaum is Professor of Epidemiology at the Rollins School of Public Health at Emory University, Atlanta, Georgia. Dr. Kleinbaum is internationally known for innovative textbooks and teaching on epidemiological methods, multiple linear regression, logistic regression, and survival analysis. He has provided extensive worldwide

short-course training in over 150 short courses on statistical and epidemiological methods. He is also the author of *ActivEpi* (2002), an interactive computer-based instructional text on fundamentals of epidemiology, which has been used in a variety of educational environments including distance learning. Mitchel Klein is Research Assistant Professor with a joint appointment in the Department of Environmental and Occupational Health (EOH) and the Department of Epidemiology, also at the Rollins School of Public Health at Emory University. Dr. Klein is also co-author with Dr. Kleinbaum of the second edition of *Logistic Regression- A Self-Learning Text* (2002). He has regularly taught epidemiologic methods courses at Emory to graduate students in public health and in clinical medicine. He is responsible for the epidemiologic methods training of physicians enrolled in Emory's Master of Science in Clinical Research Program, and has collaborated with Dr. Kleinbaum both nationally and internationally in teaching several short courses on various topics in epidemiologic methods.