

### Event History Analysis In Life Course Research Life Course Studies

A compendium of studies drawn from an international conference, this volume includes the newest and most substantive work on event history analysis. Researchers at four institutions convened, shared models of analysis, and collected their findings for the first time. The studies included represent work done in the following organizations: The Max Planck Institute in West Germany; The U.S. Social Science Research Council's Committee on Comparative Stratification; The Special Research Unit of the Deutsche Forschungsgemeinschaft; and MASO, an informal German working group on mathematical sociology. This book is one of twelve in the University of Wisconsin Press's Life Course Studies series, arranged by the series editors David L. Featherman and David I. Kertzer.

With an emphasis on social science applications, Event History Analysis with R presents an introduction to survival and event history analysis using real-life examples. Keeping mathematical details to a minimum, the book covers key topics, including both discrete and continuous time data, parametric proportional hazards, and accelerated failure times. Features Introduces parametric proportional hazards models with baseline distributions like the Weibull, Gompertz, Lognormal, and Piecewise constant hazard distributions, in addition to traditional Cox regression Presents mathematical details as well as technical material in an appendix Includes real examples with applications in demography, econometrics, and epidemiology Provides a dedicated R package, eha, containing special treatments, including making cuts in the Lexis diagram, creating communal covariates, and creating period statistics A much-needed primer, Event History Analysis with R is a didactically excellent resource for students and practitioners of applied event history and survival analysis.

\*Includes pictures of Bergman and important people, places, and scenes. \*Includes Bergman's own quotes about her upbringing, films and relationships. \*Includes a Bibliography for further reading. "Be yourself. The world worships the original." - Ingrid Bergman Since the early 20th century, film has been embraced as arguably the preeminent international art form. Not only is Hollywood cinema immensely popular around the world, but other nationalities (Bollywood being the greatest current example) have their own thriving industries. Major actors and actresses are not only icons in their parent countries but reach tremendous international fame. However, most actors who become internationally famous do so via the success of the films they make in their native land, without actually leaving their country. One of the most famous early examples is Charlie Chaplin, who reached incredible fame in Asia and Western Europe during the silent cinema era despite having never left the confines of Hollywood. Chaplin's example illustrates how the vast majority of film stars who reach international fame do so through the global success of the films they make within a given industry. This dynamic highlights the uniqueness of Ingrid Bergman's career and her significance as an international film star. Not only were films like Casablanca (1942) famous around the world, but she made films in five different languages and film industries. In this regard, she was the rare star who was willing to literally act in films produced in different countries. Bergman's fame cannot be doubted, but the international quality of her career has prevented most people from gaining a complete understanding of her filmography. Moreover, the immense success of her most famous films obscured her other achievements; one of Bergman's persistent lamentations late in her career was that even though she appeared in other films she deemed more significant, the only film of hers that people wanted to discuss was Casablanca. As a result, her early films in Sweden, the Italian Neorealist films she made with famous director and future husband Roberto Rossellini, and her French film with Jean Renoir have all been relegated to the margins. Bergman is thus recognized as a Hollywood star rather than an actress who should be identified with an array of different film industries, reducing the enormous scope of her career to a relatively small proportion of her filmography. At the same time, Bergman's personal life reflects the dynamics of the film industry and the relationship between celebrities and American culture more generally. At times during her career, Bergman was the darling of Hollywood, but at other times she was literally a pariah. It is all too common to remember Bergman for her performance in Casablanca, forgetting the fact that she was effectively exiled from Hollywood for several years during her romance with Roberto Rossellini. Her life and career amply demonstrated the expectations American culture held for their film stars during the mid-20th century. Ingrid Bergman: The First International Movie Star profiles the life and career of one of the world's most famous actresses and entertainment icons. Along with pictures of important people, places, and events, you will learn about Ingrid Bergman like you never have before, in no time at all.

His Life and Work

The SAGE Handbook of Regression Analysis and Causal Inference

Event History Analysis

Applied Longitudinal Data Analysis

A Process Point of View

Event History Analysis in Life Course Research

Morgan offers an authentic and deliciously humorous account of the prostitutes and other "disreputable" women who were the earliest female pioneers of the Far North.

This book is an accessible, practical and comprehensive guide for researchers from multiple disciplines including biomedical, epidemiology, engineering and the social sciences. Written for accessibility, this book will appeal to students and researchers who want to understand the basics of survival and event history analysis and apply these methods without getting entangled in mathematical and theoretical technicalities. Inside, readers are offered a blueprint for their entire research project from data preparation to model selection and diagnostics. Engaging, easy to read, functional and packed with enlightening examples, [hands-on] exercises, conversations with key scholars and resources for both students and instructors, this text allows researchers to quickly master advanced statistical techniques. It is written from the perspective of the user[1], making it suitable as both a self-learning tool and graduate-level textbook. Also included are up-to-date innovations in the field, including advancements in the assessment of model fit, unobserved heterogeneity, recurrent events and multilevel event history models. Practical instructions are also included for using the statistical programs of R, STATA and SPSS, enabling readers to replicate the examples described in the text.

"[This book] provides new researchers with the foundation for understanding the various approaches for analyzing time-to-event data. This book serves not only as a tutorial for those wishing to learn survival analysis but as a ... reference for experienced researchers ..."--Book jacket.

Ingrid Bergman

Modeling Change and Event Occurrence

Multistate life tables and event history analysis

Gipsy Smith

Global Perspectives

Machine Habitus

**This volume explores the scientific frontiers and leading edges of research across the fields of anthropology, economics, political science, psychology, sociology, history, business, education, geography, law, and psychiatry, as well as the newer, more specialized areas of artificial intelligence, child development, cognitive science, communications, demography, linguistics, and management and decision science. It includes recommendations concerning new resources, facilities, and programs that may be needed over the next several years to ensure rapid progress and provide a high level of returns to basic research.**

'The editors of the new SAGE Handbook of Regression Analysis and Causal Inference have assembled a wide-ranging, high-quality, and timely collection of articles on topics of central importance to quantitative social research, many written by leaders in the field. Everyone engaged in statistical analysis of social-science data will find something of interest in this book.' - John Fox, Professor, Department of Sociology, McMaster University 'The authors do a great job in explaining the various statistical methods in a clear and simple way - focussing on fundamental understanding, interpretation of results, and practical application - yet being precise in their exposition.' - Ben Jann, Executive Director, Institute of Sociology, University of Bern 'Best and Wolf have put together a powerful collection, especially valuable in its separate discussions of uses for both cross-sectional and panel data analysis.' -Tom Smith, Senior Fellow, NORC, University of Chicago Edited and written by a team of leading international social scientists, this Handbook provides a comprehensive introduction to multivariate methods. The Handbook focuses on regression analysis of cross-sectional and longitudinal data with an emphasis on causal analysis, thereby covering a large number of different techniques including selection models, complex samples, and regression discontinuities. Each Part starts with a non-mathematical introduction to the method covered in that section, giving readers a basic knowledge of the method's logic, scope and unique features. Next, the mathematical and statistical basis of each method is presented along with advanced aspects. Using real-world data from the European Social Survey (ESS) and the Socio-Economic Panel (GSOEP), the book provides a comprehensive discussion of each method's application, making this an ideal text for PhD students and researchers embarking on their own data analysis.

With an emphasis on social science applications, Event History Analysis with R, Second Edition, presents an introduction to survival and event history analysis using real-life examples. Since publication of the first edition, focus in the field has gradually shifted towards the analysis of large and complex datasets. This has led to new ways of tabulating and analysing tabulated data with the same precision and power as that of an analysis of the full data set. Tabulation also makes it possible to share sensitive data with others without violating integrity. The new edition extends on the content of the first by both improving on already given methods and introducing new methods. There are two new chapters, Explanatory Variables and Regression, and Register- Based Survival Data Models. The book has been restructured to improve the flow, and there are significant updates to the computing in the supporting R package. Features • Introduction to survival and event history analysis and how to solve problems with incomplete data using Cox regression. • Parametric proportional hazards models, including the Weibull, Exponential, Extreme Value, and Gompertz distributions. • Parametric accelerated failure time models with the Lognormal, Loglogistic, Gompertz, Exponential, Extreme Value, and Weibull distributions. • Proportional hazards models for occurrence/exposure data, useful with tabular and register based data, often with a huge amount of observed events. • Special treatments of external communal covariates, selections from the Lexis diagram, and creating period as well as cohort statistics. • “Weird bootstrap” sampling suitable for Cox regression with small to medium-sized data sets. • Supported by an R package (<https://CRAN.R-project.org/package=eha>), including code and data for most examples in the book. • A dedicated home page for the book at <http://ehar.se/r/ehar2> This substantial update to this popular book remains an excellent resource for researchers and practitioners of applied event history analysis and survival analysis. It can be used as a text for a course for graduate students or for self-study.

Applications of event history analysis in life course research

A World War II Story of Survival, Resilience, and Redemption

An Event History Analysis

Applications of Event History Analysis in Life Course Research

Tough Call

Good Time Girls of the Alaska-Yukon Gold Rush

A unique and invaluable reference resource for those working in survival analysis. Survival analysis is concerned with studying the time between entry to a study and a subsequent event. Originally the analysis was concerned with time from treatment until death, hence the name, but survival analysis is applicable to many areas in addition to mortality, such as recidivism or the efficacy of drugs. The techniques can also be used in engineering and quality control (e.g. how long is a particular component likely to last?). Arranged in an A-Z format, Survival and Event History Analysis edited by Niels Keiding and Per Kragh Andersen contains 96 articles written by over 60 distinguished authors. The articles are taken from the Encyclopedia of Biostatistics, 2nd Edition. This book gives the reader a thorough grounding in the subject area and the extensive references at the end of each article provide a comprehensive source of information for further information in more depth.

By charting changes over time and investigating whether and when events occur, researchers reveal the temporal rhythms of our lives.

Disability and the Life Course, first published in 2001, explores the global experience of disability using a novel life course approach. The book explores how disabling societies impact on disabled people's life experiences, and highlights the ways in which disabled people have acted to take more control over their own lives. It provides a unique combination of analysis, policy issues and autobiography, offering the reader a rare opportunity to make links between the theoretical, the political and the personal in a single volume. The material is set in a truly international context, with contributions from thirteen different countries bringing together established and emerging writers, both disabled and non-disabled. The book bridges some important gaps in the existing disability literature by including issues relevant to disabled people of all ages and with different kinds of impairments and also by offering a unique analysis of the relationship between disability and generation in a changing world.

An Overview

Papers Presented at an International Conference on Applications of Event History Analysis in Life Course Research, Berlin on June 5-7, 1986

Achievements and Opportunities

Model Rules of Professional Conduct

Cursed to Survive

Introducing Survival and Event History Analysis

Serving as both a student textbook and a professional reference/handbook, this volume explores the statistical methods of examining time intervals between successive state transitions or events. Examples include: survival rates of patients in medical studies, unemployment periods in economic studies, or the period of time it takes a criminal to break the law after his release in a criminological study. The authors illustrate the entire research path required in the application of event-history analysis, from the initial problems of recording event-oriented data to the specific questions of data organization, to the concrete application of available program packages and the interpretation of the obtained results. Event History Analysis: \* makes didactically accessible the inclusion of covariates in semi-parametric and parametric regression models based upon concrete examples \* presents the unabbreviated close relationship underlying statistical theory \* details parameter-free methods of analysis of event-history data and the possibilities of their graphical presentation \* discusses specific problems of multi-state and multi-episode models \* introduces time-varying covariates and the question of unobserved population heterogeneity \* demonstrates, through examples, how to implement hypotheses tests and how to choose the right model.

A fundamental book for social researchers. It provides a first-class, reliable guide to the basic issues in data analysis. Scholars and students can turn to it for teaching and applied needs with confidence.

Life is full of tough calls and daunting decisions. The question isn't if you'll face a big decision in the future, but how you'll face the tough call that's guaranteed to come your way. Think about it. There are wedding proposals to ponder, college applications to submit, career moves to make, homes to sell, and confrontations to consider. And, knowing how poorly things could go, we sometimes find ourselves facing these decisions with a deep fear of future regret. The pressure is on. Or is it? Short and straightforward, yet full of practical insight and spiritual truths, Tough Call, will help you see that the Christian faith offers a mindset to confidently and joyfully make your next big decision. More importantly you'll see that you can face life with your fears recognized, your peace maximized, and your hope anchored in something greater than your ability to "get it right." Readers familiar with authors like Acuff, Chan, and Tchividjian will resonate with Matt Popovits's witty, practical, and gospel-centered take on complicated topics. Tough Call is an enjoyable and essential read for any and all facing a major decision.

The Statistical Analysis of Recurrent Events

The Event That Created Christianity

The First International Movie Star

The Frailty Model

new tables of working life

Life Course Research and Event History Analysis

Nowadays, event history analysis can draw on a well-established set of statistical tools for the description and causal analysis of event history data. The second edition of Event History Analysis with Stata provides an updated introduction to event history modeling, along with many instructive Stata examples. Using the latest Stata software, each of these practical examples develops a research question, refers to useful substantive background information, gives a short exposition of the underlying statistical concepts, describes the organization of the input data and the application of the statistical Stata procedures, and assists the reader in performing a substantive interpretation of the obtained results. Emphasising the strengths and limitations of event history model techniques in each field of application, this book demonstrates that event history models provide a useful approach with which to uncover causal relationships or to map out a system of causal relations. It demonstrates how long-term processes can be studied and how changing context information on the micro, meso, and macro levels can be integrated easily into a dynamic analysis of longitudinal data. Event History Analysis with Stata is an invaluable resource for both novice students and researchers who need an introductory textbook and experienced researchers (from sociology, economics, political science, pedagogy, psychology, or demography) who are looking for a practical handbook for their research.

CHRIST'S VENTRILOQUISTS is a work of investigative history. It documents and describes Christianity's creation-event, in the year 49 or 50, in Antioch (present-day Antakya, Turkey), 20 years after Jesus had been crucified in Jerusalem for sedition against Roman rule. On this occasion, Paul broke away from the Jewish sect that Jesus had begun, and he took with him the majority of this sect's members; he convinced these people that Jesus had been a god, and that the way to win eternal salvation in heaven is to worship him as such. Paul here explicitly introduced, for the first time anywhere, the duality of the previously unitary Jewish God, a duality consisting of the Father the Son; and he implicitly introduced also the third element of the Trinity, the Holy Ghost. This work also explains and documents the tortuous 14-year-long conflict Paul had had with this sect's leader, Jesus's brother James, a conflict which caused Paul, in about the year 50, to perpetrate his coup d'état against James, and to start his own religion: Christianity. Then, this historical probe documents that the four canonical Gospel accounts of the words and actions of "Jesus" were written decades after Jesus, by followers of Paul, not by followers of Jesus; and that these writings placed into the mouth of "Jesus" the agenda of Paul. Paul thus effectively became, via his followers, Christ's ventriloquist. A work such as this can be documented and produced only now, after the development (during the past 70 years) of modern legal/forensic methodology. Previously, the only available methods, which scholars have used, simply assumed the honesty-of-intent of all classical documents, especially of canonical religious ones, such as Paul's epistles, and the Four Gospels. Only now is it finally possible to penetrate deeper than that, to reach the writer's intent, and not merely his assertions, and to identify when this intent is to deceive instead of to inform. Whereas scholars have been able to discuss only the truth or falsity of particular canonical statements, it is now possible to discuss also the honesty or deceptiveness of individual statements. This opens up an unprecedented new research tool for historians, and CHRIST'S VENTRILOQUISTS is the first work to use these new methods to reconstruct, on this legal/forensic basis, not just how crimes took place, but how and why major historical events (criminal or not), such as the start of Christianity, actually occurred. The author explains: "What I am doing in this work is to reconstruct from the New Testament the crucial events that produced it, without assuming whether what the NT says in any given passage is necessarily true or even honest. Instead of treating the NT as a 'reports history,' the NT is treated as a work whose history is itself being investigated and reported. Its origin goes back to this coup d'état that Paul perpetrated in Antioch in the year 49 or 50 against Jesus's brother James in Jerusalem, whom Jesus in Jerusalem had appointed in the year 30 as his successor to lead the Jewish sect. Jesus had started. The Gospel accounts of 'Jesus' reflected Paul's coup d'état - not actually Jesus, who would be appalled at the Christian concept of 'Christ.' That concept was radically different from the Jewish concept of the messiah, and Paul knew this when he created it."

This book presents models and statistical methods for the analysis of recurrent event data. The authors provide broad, detailed coverage of the major approaches to analysis, while emphasizing the modeling assumptions that they are based on. More general intensity-based models are also considered, as well as simpler models that focus on rate or mean functions. Parametric, nonparametric and semiparametric methodologies are all covered, with procedures for estimation, testing and model checking.

Christ's Ventriloquists

The Life and Teaching of Karl Marx

Conference : Papers

Life Events and Consumer Behavior

An Introduction to Survival Analysis Using Stata, Second Edition

The Model Rules of Professional Conduct provides an up-to-date resource for information on legal ethics. Federal, state and local courts in all jurisdictions look to the Rules for guidance in solving lawyer malpractice cases, disciplinary actions, disqualification issues, sanctions questions and much more. In this volume, black-letter Rules of Professional Conduct are followed by numbered Comments that explain each Rule's purpose and provide suggestions for its practical application. The Rules will help you identify proper conduct in a variety of given situations, review those instances where discretionary action is possible, and define the nature of the relationship between you and your clients, colleagues and the courts.

Carol Tyler has been a professional (and highly acclaimed) cartoonist for over 20 years, appearing in such venues as Weirdo, Wimmen's Comix, and Drawn & Quarterly magazine. But over the years her status as a working mother has drastically curtailed her ability to set aside time for her cartooning. Thus each rare new story from her pen has been greeted with hurrahs as well they should be, because she's one of the most skillful, caustic, and emphatic cartoon storytellers of her generation. This new book presents the biggest, richest and most delightful collection of Tyler's work to date featuring many new and previously unpublished works. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 13.9px Arial; color: #424242}

Event History Analysis With Stata provides an introduction to event history modeling techniques using Stata (version 9), a widely used statistical program that provides tools for data analysis. The book emphasizes the usefulness of event history models for causal analysis in the social sciences and the application of continuous-time models. T

The Sun Also Rises

2nd Edition

A Little Book on Making Big Decisions

Event History Analysis With Stata

Disability and the Life Course

Event History Models for Life Course Analysis

#1 NEW YORK TIMES BESTSELLER • NOW A MAJOR MOTION PICTURE • Look for special features inside. Join the Random House Reader's Circle for author chats and more. In boyhood, Louis Zamperini was an incorrigible delinquent. As a teenager, he channeled his defiance into running, discovering a prodigious talent that had carried him to the Berlin Olympics. But when World War II began, the athlete became an airman, embarking on a journey that led to a doomed flight on a May afternoon in 1943. When his Army Air Forces bomber crashed into the Pacific Ocean, against all odds, Zamperini survived, adrift on a foundering life raft. Ahead of Zamperini lay thousands of miles of open ocean, leaping sharks, thirst and starvation, enemy aircraft, and, beyond, a trial even greater. Driven to the limits of endurance, Zamperini would answer desperation with ingenuity; suffering with hope, resolve, and humor; brutality with rebellion. His fate, whether triumph or tragedy, would be suspended on the fraying wire of his will. Appearing in paperback for the first time—with twenty arresting new photos and an extensive Q&A with the author—Unbroken is an unforgettable testament to the resilience of the human mind, body, and spirit, brought vividly to life by Seabiscuit author Laura Hillenbrand.

Hailed as the top nonfiction book of the year by Time magazine • Winner of the Los Angeles Times Book Prize for biography and the Indies Choice Adult Nonfiction Book of the Year award “Extraordinarily moving . . . a powerfully drawn survival epic.”—The Wall Street Journal “[A] one-in-a-billion story . . . designed to wrench from self-respecting critics all the blurbly adjectives we normally try to avoid: It is amazing, unforgettable, gripping, harrowing, chilling, and inspiring.”—New York “Staggering . . . mesmerizing . . . Hillenbrand’s writing is so ferociously cinematic, the events she describes so incredible, you don’t dare take your eyes off the page.”—People “A meticulous, soaring and beautifully written account of an extraordinary life.”—The Washington Post “Ambitious and powerful . . . a startling narrative and an inspirational book.”—The New York Times Book Review “Magnificent . . . incredible . . . [Hillenbrand] has crafted another masterful blend of sports, history and overcoming terrific odds; this is biography taken to the nth degree, a chronicle of a remarkable life lived through extraordinary times.”—The Dallas Morning News “An astonishing testament to the superhuman power of tenacity.”—Entertainment Weekly “A tale of triumph and redemption . . . astonishingly detailed.”—O:

The Oprah Magazine “[A] masterfully told true story . . . nothing less than a marvel.”—Washingtonian “[Hillenbrand tells this] story with cool elegance but at a thrilling sprinter’s pace.”—Time “Hillenbrand [is] one of our best writers of narrative history. You don’t have to be a sports fan or a war-history buff to devour this book—you just have to love great storytelling.”—Rebecca Skloot, author of The Immortal Life of Henrietta Lacks Cursed to Survive is a thrilling love story set in the actual historical events of Germany at the beginning and during the Third Reich. It takes a unique look inside the mind of a patriotic German nobleman with unusual gifts and immense opportunities for glory and domination. We witness the horrors of the Holocaust through his eyes, as he falls madly in love with a daughter of a Jewish doctor in the midst of the Nazi reign. Cursed to Survive is an easy-to-read and passionately engaging novel. It's the story filled with tragedy, real history and a sobering analysis of love, family, friendship, patriotism and other important concepts. The novel features a beautiful, young member of the New York's high society -- Rose Blackford Stern, who in addition to her family's immense wealth and a prominent name has a highly prestigious job with the most influential fashion magazine in New York City. But as readers soon learn, having it all doesn't mean that the search for something beyond the material ever stops. Rose encounters the stunningly handsome Max at the grave of her late grandmother. Max is enigmatic and the subject of Rose's obsession from the moment they meet. Rose has a seemingly perfect life, yet she is unable to shake the emptiness that has consumed her since the death of her beloved grandmother, Aliza, three years prior. Max first meets Aliza when she is a teenage girl in pre-World War II Germany. Max comes from one of the oldest and wealthiest noble families of Europe. The attraction between Maximilian and Aliza is instant and overpowering, albeit impossible -- a German aristocrat could never be with a Jewish commoner. As the Nazi movement gains momentum, their country is shattered and their deep mutual connection becomes deadly. Aliza loses her entire family and lives through terror and abuse before Max infiltrates the Third Reich and rescues her. Nearly seventy years later Max's unusual gifts have brought him to New York, to Aliza's granddaughter Rose, and perhaps to another chance at love.

Drawing on recent "event history" analytical methods from biostatistics, engineering, and sociology, this clear and comprehensive monograph explains how longitudinal data can be used to study the causes of deaths, crimes, wars, and many other human events. Allison shows why ordinary multiple regression is not suited to analyze event history data, and demonstrates how innovative regression - like methods can overcome this problem. He then discusses the particular new methods that social scientists should find useful.

The Behavioral and Social Sciences

Statistical theory and Application in the Social Sciences

Unbroken

Multistate Analysis of Life Histories with R

Toward a Sociology of Algorithms

Late Bloomer

**The aim of this book is to bridge the gap between standard textbook models and a range of models where the dynamic structure of the data manifests itself fully. The common denominator of such models is stochastic processes. The authors show how counting processes, martingales, and stochastic integrals fit very nicely with censored data. Beginning with standard analyses such as Kaplan-Meier plots and Cox regression, the presentation progresses to the additive hazard model and recurrent event data. Stochastic processes are also used as natural models for individual frailty; they allow sensible interpretations of a number of surprising artifacts seen in population data. The stochastic process framework is naturally connected to causality. The authors show how dynamic path analyses can incorporate many modern causality ideas in a framework that takes the time aspect seriously. To make the material accessible to the reader, a large number of practical examples, mainly from medicine, are developed in detail. Stochastic processes are introduced in an intuitive and non-technical manner. The book is aimed at investigators who use event history methods and want a better understanding of the statistical concepts. It is suitable as a textbook for graduate courses in statistics and biostatistics.**

**Readers will find in the pages of this book a treatment of the statistical analysis of clustered survival data. Such data are encountered in many scientific disciplines including human and veterinary medicine, biology, epidemiology, public health and demography. A typical example is the time to death in cancer patients, with patients clustered in hospitals. Frailty models provide a powerful tool to analyze clustered survival data. In this book different methods based on the frailty model are described and it is demonstrated how they can be used to analyze clustered survival data. All programs used for these examples are available on the Springer website.**

**This book provides an introduction to multistate event history analysis. It is an extension of survival analysis, in which a single terminal event (endpoint) is considered and the time-to-event is studied. Multistate models focus on life histories or trajectories, conceptualized as sequences of states and sequences of transitions between states. Life histories are modeled as realizations of continuous-time Markov processes. The model parameters, transition rates, are estimated from data on event counts and populations at risk, using the statistical theory of counting processes. The Comprehensive R Network Archive (CRAN) includes several packages for multistate modeling. This book is about Biograph. The package is designed to (a) enhance exploratory analysis of life histories and (b) make multistate modeling accessible. The package incorporates utilities that connect to several packages for multistate modeling, including survival, eha, Epi, mvna,, mstate, msm, and TraMineR for sequence analysis. The book is a ‘hands-on’ presentation of Biograph and the packages listed. It is written from the perspective of the user. To help the user master the techniques and the software, a single data set is used to illustrate the methods and software. It is the subsample of the German Life History Survey, which was also used by Blossfeld and Rohwer in their popular textbook on event history modeling. Another data set, the Netherlands Family and Fertility Survey, is used to illustrate how Biograph can assist in answering questions on life paths of cohorts and individuals. The book is suitable as a textbook for graduate courses on event history analysis and introductory courses on competing risks and multistate models. It may also be used as a self-study book. The R code used in the book is available online. Frans Willekens is affiliated with the Max Planck Institute for Demographic Research (MPIDR) in Rostock, Germany. He is Emeritus Professor of Demography at the University of Groningen, a Honorary Fellow of the Netherlands Interdisciplinary Demographic Institute (NIDI) in the Hague, and a Research Associate of the International Institute for Applied Systems Analysis (IIASA), Laxenburg, Austria. He is a member of Royal Netherlands Academy of Arts and Sciences (KNAW). He has contributed to the modeling and simulation of life histories, mainly in the context of population forecasting.**

**Handbook of Data Analysis**

**Regression for Longitudinal Event Data**

**Survival and Event History Analysis**

**Event History Analysis with R**

*"In a manner similar to many other titles within the Applied Social Research Methods Series, this 182-page book thoroughly covers many of the specific methodological hurdles encountered in implementing event history analysis (EHA). The Applied Social Research Methods Series' ... is the result of careful subject selection. ... Consistent with the practical orientation of the book, each of the application sections provides useful insights into data structure problems and programming notes. ... Kazuo Yamaguchi's insightful review of problems in structuring EHA models is useful for those contemplating life-course research. ... We strongly recommend its inclusion in the libraries of marketing researchers and its inclusion on suggested reading lists of graduate research method seminars."--Journal of Marketing Research "This book, which is part of Sage Publications' Applied Social Research Methods Series, is a practical guide for those interested in using event history analysis. ... The book's strength is that it is well written and easy to understand. Even those with limited statistical backgrounds can follow the discussion and the systematic progression from the simpler to the more complex models (although the author provides ample references for those wanting a more rigorous discussion). ... Upon finishing the book, I found myself wondering about specific accounting questions that might be addressed using event history analysis. There are many, and in fact, most issues can be recast in an events framework. ... In sum, I recommend this book to anyone wanting to use event history analysis whether to apply to new research questions or to provide a fresh look at old questions." --The Accounting Review "A significant introduction to the event-history literature that provides the background to implement this difficult methodology successfully and that can be supplemented with other, more advanced texts. It will undoubtedly become a prized text among students and a valuable reference for the research community." --Contemporary Sociology As a research tool event history analysis has recently become a key technique for researchers, professionals and students in a wide range of disciplines. However, despite this increasing interest, few resources exist which clearly examine this technique. Now, Event History Analysis provides a systematic introduction to models, methods and applications of event history analysis. Kazuo Yamaguchi emphasizes "hands on" information, including the use and misuse of samples, models, and covariates in applications, the structural arrangement of input data, the specification of various models in such computer programs as SAS-LOGIST and SPSS-LOGLINEAR, and the interpretation of parameters estimated from models. This timely book also offers such significant topics as missing data, hazard rate, Cox's partial likelihood model, survivor function, and discrete-time logit models for both one-way and two-way transitions. Event History Analysis is essential for researchers, professionals and students of public health, sociology, labor economics, political science, and organization studies.-Provided by publisher.*

*This book provides a systematic introduction to models, methods and applications of event history analysis. Yamaguchi emphasizes 'hands on' information, including the use and misuse of samples, models and covariates in applications, the structural arrangement of input data, the specification of various models in such computer programs as SAS-LOGIST and SPSSX-LOGLINEAR, and the interpretation of parameters estimated from models. The book also explores such significant topics as missing data, hazard rate, Cox's partial likelihood model, survivor function, and discrete-time logit models.*

*We commonly think of society as made of and by humans, but with the proliferation of machine learning and AI technologies, this is clearly no longer the case. Billions of automated systems tacitly contribute to the social construction of reality by drawing algorithmic distinctions between the visible and the invisible, the relevant and the irrelevant, the likely and the unlikely - on and beyond platforms. Drawing on the work of Pierre Bourdieu, this book develops an original sociology of algorithms as social agents, actively participating in social life. Through a wide range of examples, Massimo Airoidi shows how society shapes algorithmic code, and how this culture in the code guides the practical behaviour of the code in the culture, shaping society in turn. The ‘machine habitus’ is the generative mechanism at work throughout myriads of feedback loops linking humans with artificial social agents, in the context of digital infrastructures and pre-digital social structures. Machine Habitus will be of great interest to students and scholars in sociology, media and cultural studies, science and technology studies and information technology, and to anyone interested in the growing role of algorithms and AI in our social and cultural life.*