



## Statistical Analysis of Behavioural Data An Approach Based on Time-structured Models

By Patsy Haccou

Oxford University Press. Hardcover. Condition: New. 416 pages. Dimensions: 8.9in. x 6.1in. x 1.3in. This is a how-and-why-to-do-it book for students and scientists in all the behavioral sciences. It presents sophisticated statistical methods for analyzing continuous-time records of behavior, and integrates many recent developments in ethology, mathematical modelling, statistics, and technology. These new methods are explicitly designed to handle sequential or simultaneous acts where neither the duration nor the sequence of the acts is predetermined, which is often the case if the time scale on which behavior is studied is relatively short. The authors show how to analyze behavioral data starting with a basic model, the continuous time Markov chain. They then indicate how and when this model can be generalized and demonstrate the suitability of their approach for detecting, for example, the effects of different experimental treatments or of gradual changes in the social or physical environment. Competitive interactions such as predator-prey or host-parasite are also good subjects for this type of analysis. There are eight chapters and many worked examples, leading the reader through the mathematical processes and their applications. Students and researchers in all fields of behavioural science will find this book incomparably useful for planning and performing...



**READ ONLINE**  
[ 7.02 MB ]

### Reviews

*A brand new eBook with a new standpoint. I have got read through and i also am confident that i will gonna read again once again down the road. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

-- Miss Shannon Hill V

*This publication might be well worth a read, and much better than other. It really is simplified but excitement inside the 50 % of the book. You will not feel monotony at whenever you want of the time (that's what catalogues are for concerning when you check with me).*

-- Imogene Bergstrom

## Relevant eBooks



### Molly on the Shore, BFMS 1 Study score

Petrucci Library Press. Paperback. Book Condition: New. Paperback. 26 pages. Dimensions: 9.7in. x 6.9in. x 0.3in.Percy Grainger, like his contemporary Bela Bartok, was intensely interested in folk music and became a member of the English Folk-Song Society soon after his arrival in...



### The Secret Life of Trees DK READERS

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 9.0in. x 6.0in. x 0.1in.This Level 2 book is perfect for children who are beginning to read alone. Why do trees lose their leaves in winter How do insects hide on bare...



### DK Readers Day at Greenhill Farm Level 1 Beginning to Read

DK CHILDREN. Paperback. Book Condition: New. Paperback. 32 pages. Dimensions: 8.8in. x 5.7in. x 0.2in.This Level 1 book is appropriate for children who are just beginning to read. When the rooster crows, Greenhill Farm springs to life. Join the ducklings, cows, and...



### Dont Line Their Pockets With Gold Line Your Own A Small How To Book on Living Large

Madelyn D R Books. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.This book is about my cousin, Billy a guy who taught me a lot over the years and who can teach you a lot. Everyone who...



### Too Old for Motor Racing: A Short Story in Case I Didnt Live Long Enough to Finish Writing a Longer One

Balboa Press. Paperback. Book Condition: New. Paperback. 106 pages. Dimensions: 9.0in. x 6.0in. x 0.3in.We all have dreams of what we want to do and who we want to become. Many of us eventually decide it is too late; we have missed...



### Scala in Depth

Manning Publications. Paperback. Book Condition: New. Paperback. 304 pages. Dimensions: 9.2in. x 7.3in. x 0.8in.Summary Scala in Depth is a unique new book designed to help you integrate Scala effectively into your development process. By presenting the emerging best practices and designs...