A Beginner's Guide to R (Use R!)

By Alain Zuur, Elena N. Ieno, Erik Meesters

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Based on their extensive experience with teaching R and statistics to applied scientists, the authors provide a beginner's guide to R. To avoid the difficulty of teaching R and statistics at the same time, statistical methods are kept to a minimum. The text covers how to download and install R, import and manage data, elementary plotting, an introduction to functions, advanced plotting, and common beginner mistakes. This book contains everything you need to know to get started with R.

"Its biggest advantage is that it aims only to teach R...It organizes R commands very efficiently, with much teaching guidance included. I would describe this book as being handy--it's the kind of book that you want to keep in your jacket pocket or backpack all the time, ready for use, like a Swiss Army knife." (Loveday Conquest, University of Washington)

"Whilst several books focus on learning statistics in R..., the authors of this book fill a gap in the market by focusing on learning R whilst almost completely avoiding any statistical jargon...The fact that the authors have very extensive experience of teaching R to absolute beginners shines throughout." (Mark Mainwaring, Lancaster University)

"Exactly what is needed...This is great, nice work. I love the ecological/biological examples; they will be an enormous help." (Andrew J. Tyne, University of Nebraska-Lincoln)

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Editorial Review

Review

From the reviews:

"A Beginner's Guide to R is just what its title implies, a quick-start guide for the newest R users. A unique feature of this welcome addition to Springer's Use R! series is that it is devoted solely to getting the user up and running on R. Unlike other texts geared towards R beginners, …this text does not make the mistake of trying to simultaneously teach statistics. …there are straightforward homework exercises provided throughout…, and the data sets can be downloaded from the authors' website… …A Beginner's Guide to R is an essential resource for the R novice, whether an undergraduate learning statistics for the first time or a seasoned statistician biting the bullet and making the switch to R. " (The R Journal Vol. 2/1, June 2010)

"…most suitable for an advanced beginner or a user who needs an introduction to a wide variety of graphical methods. Overall, the book does most things quite well. It shows the beginner how to install R. how to load data into R, how to perform some subsetting operations including the sorting of data and most of all how to plot data using a variety of methods. Throughout, all methods and code are will illustrated and can be easily replicated by anyone using the book. …I learned quite a number of things about R that I did not previously know. Consequently, I would recommend the book not only for the students who need to learn R, but for professionals who need to enhance their basic working knowledge of R." (Math Geosci 2010, 42: 133–137)

"The book has many admirable features. It introduces key commands in easy stages. Each chapter has a number of illustrative examples, lucidly explained, and ends with a review of what has been covered. Chapters also contain exercises at the end that reinforce the examples provided. … useful work for self-study or for an introductory course, allowing readers to apply their knowledge of the language to begin learning how to use R for statistical analysis or other purposes. Summing Up: Highly recommended. All levels of readership." (R. Bharath, Choice, Vol. 47 (11), July, 2010)

"This book explains how to create datasets, variables, functions and plots using R. It is not a simple book though. … somewhat dense and covers each topic thoroughly. … best to follow every example. … I found this book to be well written for its intended audience and purpose. I had no difficulty reading it or following the examples. … This approach will give you a good foundation for using R in your own work and advancing to other books about specific analyses and procedures." (Mark Bailey, Technometrics, Vol. 53 (1), February, 2011)

"This book has a very clear objective. … this is a popular book about the R statistical software. … The book is true to its goal of being a text for the absolute beginner with easy to follow explanations, examples to program, and exercises to build skill. The reader who takes advantages of the available data files and R text editors will find this to be a very instructive book. It will definitely increase your desire to learn and use R in the future." (Brandon Alleman, The American Statistician, May, 2011)

From the Back Cover

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Users Review

From reader reviews:

Joshua Matthews:

Here thing why this specific A Beginner's Guide to R (Use R!) are different and reputable to be yours. First

of all reading through a book is good nonetheless it depends in the content from it which is the content is as delightful as food or not. A Beginner's Guide to R (Use R!) giving you information deeper and in different ways, you can find any publication out there but there is no publication that similar with A Beginner's Guide to R (Use R!). It gives you thrill examining journey, its open up your own personal eyes about the thing that will happened in the world which is probably can be happened around you. It is easy to bring everywhere like in playground, café, or even in your way home by train. Should you be having difficulties in bringing the paper book maybe the form of A Beginner's Guide to R (Use R!) in e-book can be your alternate.

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