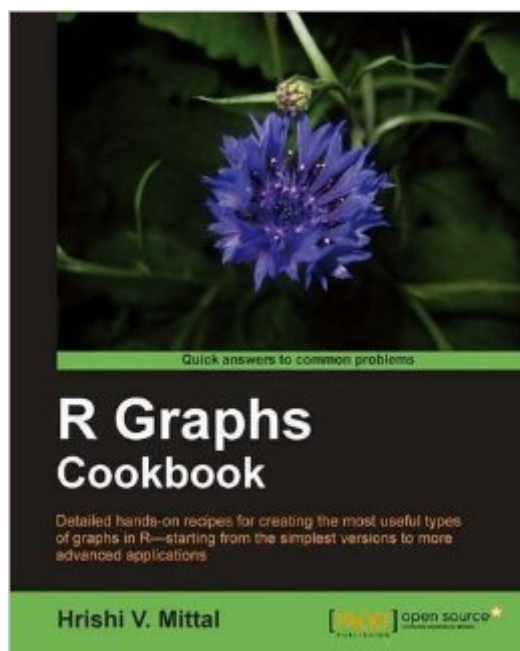# The book was found

R Graph Cookbook

Synopsis

This hands-on guide cuts short the preamble and gets straight to the point – actually creating graphs, instead of just theoretical learning. Each recipe is specifically tailored to fulfill your appetite for visually representing you data in the best way possible. This book is for readers already familiar with the basics of R who want to learn the best techniques and code to create graphics in R in the best way possible. It will also serve as an invaluable reference book for expert R users.

Book Information

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Customer Reviews

(I revised the review in January 2014, after seeing "R for Everyone" by Jared Lander). This can be brief. In my opinion, R's "base" graphics has had its day, and now it's time to move to "ggplot2" - aided by Get Winston Chang's "R Graphics Cookbook" .

Because R has so many libraries full of great graphic procedures, you will never get a book with everything you need but this book is pretty darn excellent. As you can see from the table of contents, this book covers all the graphics you typically see in scientific publications. The examples for every type of graphic start out really easy (like do a basic scatter plot) and build to complex multiple panel layouts with many options set (like how to render a PDF with a scatterplot with custom titles symbols, fonts, and histograms on the margins). None of the examples are contrived or just "show off." Everything flows and the graphics are excellent and practical.What is particularly nice about the book is the level of repetition. Commonly used global graphics parameters are

discussed early in the book and then show up in great examples in later chapters (explained at a good level in context). So, if you can plow through the details and memorize the parameters out of context you can or if you prefer to learn through examples you get to see the parameters used later.On the down side there are a few typos (like where the code says the labels are horizontal but the graph has them vertical) and the graphics are all done in black-and-white. The code and data-sets are easy to download so the lack of color is not much of a drag. A more substantial complaint is that there is not enough about the lattice or ggplot2 R packages and there is nothing useful on making interactive graphs. Even with these failures, this book is totally fantastic for the beginner to intermediate level R user.

This book is designed for the experienced R user who wants to begin using the impressive graphic capabilities of R. While that's an ideal audience, I'd go a step farther and suggest that even an R novice could use this book to produce impressive graphs.The book explains the various graph types (scatter plots, line plots, pie graphs, bar charts, histograms, box and whisker plots, heat maps, contour maps, regular maps, etc.) and how to make them. IMHO, one of the best features of the book is the downloadable source code and sample data. If you have a need to produce a given type of graph-- let's say a pie chart-- you can download the code and data, and quickly see the effects of changing the multitude of options available to you.The book comes in Packt's 'recipe' format, which means a template-format is used for each section. In this case, I'd say it works pretty well. If I had one wish to improve the book, I'd wish for a comprehensive index that covers the various functions and arguments that enhance the basic functionality of each graph type. These are frequently re-usable across the different graph types, so it would help you to 'mix and mash' your own graphs if such an index existed.All things considered, this book has a welcome place on my reference shelf. When I need to produce some impressive business graphs, I know where I'm going to reach first.

I've purchased this book because I wanted a handy reference on producing graphs in R that would be a companion for the O'Reilly's "R Cookbook"Â R Cookbook (O'Reilly Cookbooks)Â that I also own, but I was a little disappointed. The former is a great book, but this one leaves one wanting more. The cookbook style is good, i.e., if the information is there you can easily find what you're looking for. However, the downside is that the content in the book is poor in my opinion. Many important things are lacking (nothing on 3d plots with persp() for example, which IS the basic workhorse behind 3d plotting after all). The book also has lots of white space all over, and some unnecessary repetitive figures. All in all the book could be several pages shorter or be better worked

on and include more meaningful content. Personally, I've opened it a few times to search for a couple of things, but eventually I closed it, set it back on my shelf and stuck with the online documentation.

This is a true cook-book for generating graphs in R. Similar in layout then O'Reiley series. It gives you recipes to follow and they work and it is handy reference set to have. Most of the code snippets are printed versions of R bloggers posts or online vignettes. I find it useful, because I like paper manuals and book is very well organized, i.e. the code snips are easier to find than googeling on the web. Once has to decide, whether this is worth paying for or whether it is easier to maintain a list of bookmarks.It does not explain R graphics. For that you would need the Paul Murrell's book, which is the standard, but does not cover some of the nicer examples shown here.This book does not explain ggplot / qplot/ ggplot2 graphics to any degree. For that Hadley Wickham's book in the Springer Use R! series is a must.

This book delivers what on its promises. I have gone through and completed the exercises and they do exactly what it described. Not for those who don't like using computer code. Especially if you input syntax errors. Part of my reference work for R.

It is a great summary book about graphic display in R. However, it is a little overpriced. R is an open source software package. There are quite a lot of free stuff on the Internet. The book works well with R beginners but not experienced user. Thus, I returned it.

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