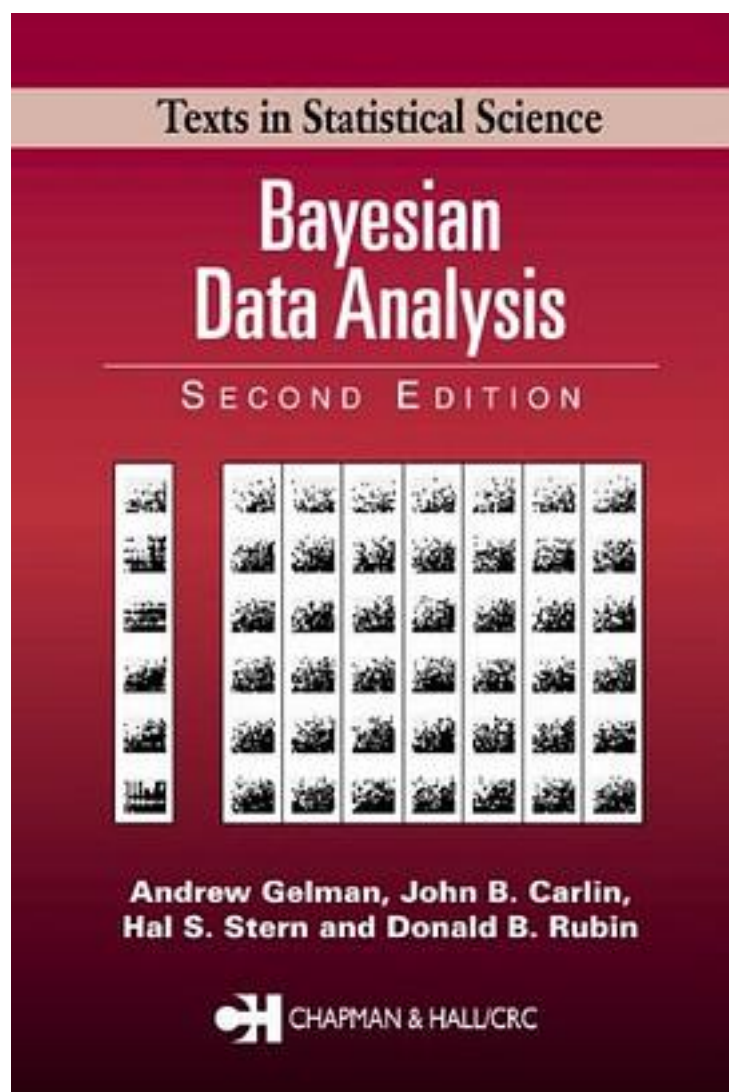


Bayesian Data Analysis, Second Edition



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著者:Andrew Gelman

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Incorporating new and updated information, this second edition of THE bestselling text in Bayesian data analysis continues to emphasize practice over theory, describing how to conceptualize, perform, and critique statistical analyses from a Bayesian perspective. Its world-class authors provide guidance on all aspects of Bayesian data analysis and include examples of real statistical analyses, based on their own research, that demonstrate how to solve complicated problems. Changes in the new edition include: Stronger focus on MCMC Revision of the computational advice in Part III New chapters on nonlinear models and decision analysis Several additional applied examples from the authors' recent research Additional chapters on current models for Bayesian data analysis such as nonlinear models, generalized linear mixed models, and more Reorganization of chapters 6 and 7 on model checking and data collection Bayesian computation is currently at a stage where there are many reasonable ways to compute any given posterior distribution. However, the best approach is not always clear ahead of time. Reflecting this, the new edition offers a more pluralistic presentation, giving advice on performing computations from many perspectives while making clear the importance of being aware that there are different ways to implement any given iterative simulation computation. The new approach, additional examples, and updated information make Bayesian Data Analysis an excellent introductory text and a reference that working scientists will use throughout their professional life.

作者介绍:

Andrew Gelman, John B. Carlin, Hal S. Stern, Donald B. Rubin, David B. Dunson

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标签

Bayesian

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评论

不咋地,既没理论深度,又不系统。既没覆盖足够多的有用算法,废话还多。neither theoretical enough to give deep insight, nor practical and broad enough to cover most useful tools and algorithms. Why it is so famous, always bugs me. Maybe because the author is a much better salesman than a researcher. If you want to know Bayesian, get a real classic, like James O. Berger.

老师说这本书是入门书,我读得太难受了,话很多,也搞不清楚重点==!!!

Devil, 深度讲得很尴尬,作为应用型,讲得太理论,作为理论型,讲得太浅薄

It must be read if you wish to be a Bayesian

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书评

bayesian的中级读本,完全就是经典,我看的是第二版,Gelman是统计和政治系的教授,所以本书的例子举的非常适合社会科学的同学们,不全都是一些自然科学的例子,看得大家头疼,而且六百多页的内容非常翔实,不过在啃之前一定要把概率论的知识弄得明白一点,虽然作者在前面有一定量的复习...

