Foundations of Statistical Algorithms: With References to R Packages (Chapman & Hall/CRC Computer Science & Data Analysis)

By Claus Weihs, Olaf Mersmann, Uwe Ligges

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Editorial Review

Review

"My main take away is that these authors spend a lot of time thinking about issues that I never think about. They argue strongly that I, as a statistician, should think about them more, and I find their argument compelling. I certainly enjoyed the various flashes of insight into computation I had as I read their book. … The book's case studies … are incredibly detailed and deep, far beyond the case studies typically used to illustrate these methods. … I greatly enjoyed the overall arc of the book and found it quite compelling. … a nice book to have on the shelf in case you find yourself suspicious about something computational, or want to find a case study illustrating some topic in computation."
?Luke W. Miratrix, *Journal of the American Statistical Association*, March 2015

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?Christian Robert on his blog, February 2014

"The book is suitable for readers who not only want to understand current statistical algorithms, but also gain a deeper understanding of how the algorithms are constructed and how they operate. It is addressed first and foremost to students and lecturers teaching the foundations of statistical algorithms."
?Ivan K?ivý, *Zentralblatt MATH* 1296

"… an invaluable resource on several levels. … For a student who wants to become a competent professional in data science, this monograph is an absolute must, with hard-to-find alternatives. For those who are established in the profession, it is a reference to a broad range of issues encountered in everyday practice. Liberally dispensed advice and insights will be particularly appreciated by the practically oriented reader."
?*Mathematical Reviews*, June 2015

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