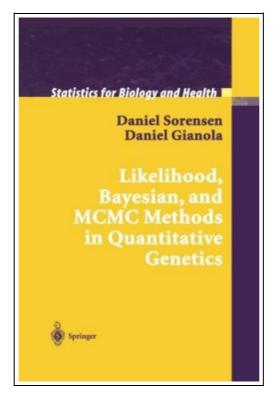
Likelihood, Bayesian, and MCMC Methods in Quantitative Genetics



Filesize: 5.87 MB

Reviews

The book is fantastic and great. It generally does not expense excessive. Its been designed in an exceptionally easy way and it is simply right after i finished reading through this book by which really changed me, change the way i think.

(Adolfo Lindgren)

LIKELIHOOD, BAYESIAN, AND MCMC METHODS IN QUANTITATIVE GENETICS



Book Condition: New. Publisher/Verlag: Springer, Berlin | This book provides the foundations of likelihood, Bayesian and MCMC methods in the context of genetic analysis of quantitative traits. Effort has been made to relate biological to statistical parameters throughout, and extensive examples are included to illustrate the arguments. | Over the last ten years the introduction of computer intensive statistical methods has opened new horizons concerning the probability models that can be fitted to genetic data, the scale of the problems that can be tackled and the nature of the questions that can be posed. In particular, the application of Bayesian and likelihood methods to statistical genetics has been facilitated enormously by these methods. Techniques generally referred to as Markov chain Monte Carlo (MCMC) have played a major role in this process, stimulating synergies among scientists in different fields, such as mathematicians, probabilists, statisticians, computer scientists and statistical geneticists. Specifically, the MCMC "revolution" has made a deep impact in quantitative genetics. This can be seen, for example, in the vast number of papers dealing with complex hierarchical models and models for detection of genes affecting quantitative or meristic traits in plants, animals and humans that have been published recently. This book, suitable for numerate biologists and for applied statisticians, provides the foundations of likelihood, Bayesian and MCMC methods in the context of genetic analysis of quantitative traits. Most students in biology and agriculture lack the formal background needed to learn these modern biometrical techniques. Although a number of excellent texts in these areas have become available in recent years, the basic ideas and tools are typically described in a technically demanding style, and have been written by and addressed to professional statisticians. For this reason, considerable more detail is offered than what may be warranted for a more mathematically apt audience....



Read Likelihood, Bayesian, and MCMC Methods in Quantitative Genetics Online



See Also



Fifty Years Hence, or What May Be in 1943

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. Fifty Years Hence is a quasi-fictional work by Robert Grimshaw, a professional...

Read Document »



Tax Practice (2nd edition five-year higher vocational education and the accounting profession teaching the book)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Pages Number: 282 Publisher: Higher Education Pub. Date: 2009-01-01 version 2. This book is...

Read Document »



Jonah and the Whale Christian Padded Board Book (Hardback)

Shiloh Kidz, United States, 2013. Hardback. Book Condition: New. 173 x 173 mm. Language: English. Brand New Book. Your little ones will learn the story of Jonah's journey with this delightful inspirational board...

Read Document »



The Secret Life of the Sesame Street children (nine analysis baby heart most secret(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment.Paperback. Pub Date: Unknown in Publisher: Hubei Fine Arts Publishing List Price: 90.00 yuan...

Read Document »



A Smarter Way to Learn JavaScript: The New Approach That Uses Technology to Cut Your Effort in Half

 $Create space, United States, 2014. \ Paperback. \ Book Condition: New. \ 251 \times 178 \ mm. \ Language: English. \ Brand New Book ***** Print on Demand *****. The ultimate learn-by-doing approach Written for beginners, useful for experienced developers who want to...$

Read Document »



Your Pregnancy for the Father to Be Everything You Need to Know about Pregnancy Childbirth and Getting Ready for Your New Baby by Judith Schuler and Glade B Curtis 2003 Paperback

Book Condition: Brand New. Book Condition: Brand New.

Read Book »



Monkeys Learn to Move: Puppet Theater Books Presents Funny Illustrated Bedtime Picture Values Book for Ages 3-8

Createspace, United States, 2015. Paperback. Book Condition: New. 216 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****. What are the Monkey's up to now? Moving! Monkey's Learn to Move

Read Book »



Kids Perfect Party Book ("Australian Women's Weekly")

ACP Books, 2007. Paperback. Book Condition: New. A Brand New copy, unused and unread. Dispatched by next working day from Hereford, UK. We can now offer First Class Delivery for UK orders received before 12

Read Book



Becoming Barenaked: Leaving a Six Figure Career, Selling All of Our Crap, Pulling the Kids Out of School, and Buying an RV We Hit the Road in Search Our Own American Dream. Redefining What It Meant to Be a Family in America.

 $Create space, United States, 2015. \ Paperback. \ Book \ Condition: New. \ 258 \times 208 \ mm. \ Language: English. \ Brand \ New \ Book \ ****** \ Print on \ Demand \ ******. This isn't porn. \ Everyone always asks and some of our family thinks$

Read Book



Runners World Guide to Running and Pregnancy How to Stay Fit Keep Safe and Have a Healthy Baby by Chris Lundgren 2003 Paperback Revised

Book Condition: Brand New. Book Condition: Brand New.

Read Book »