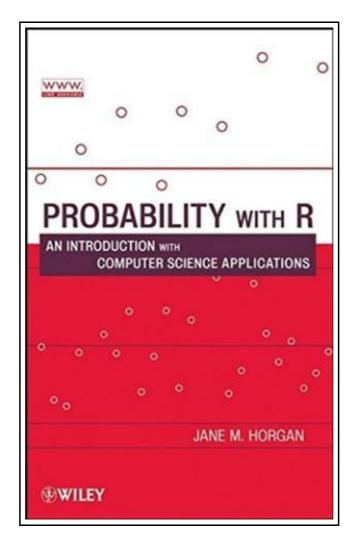
Probability with R: An Introduction with Computer Science Applications



Filesize: 7.08 MB

Reviews

This ebook could be worthy of a read through, and far better than other. I am quite late in start reading this one, but better then never. I realized this publication from my dad and i advised this publication to learn.

(Stefan Von)

PROBABILITY WITH R: AN INTRODUCTION WITH COMPUTER SCIENCE APPLICATIONS



Wiley, 2008. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface.I. THE R LANGUAGE.1. Basics of R.1.1 What is R?1.2 Installing R.1.3 R Documentation.1.4 Basics.1.5 Getting Help.1.6 Data Entry.1.7 Tidying Up.1.8 Saving and Retrieving the Workspace.2. Summarising Statistical Data.2.1 Measures of Central Tendency.2.2 Measures of Dispersion.2.3 Overall Summary Statistics.2.4 Programming in R.3. Graphical Displays.3.1 Boxplots.3.2 Histograms.3.3 Stem and Leaf.3.4 Scatter Plots.3.5 Graphical Display vs Summary Statistics.II: FUNDAMENTALS OF PROBABILITY.4. Basics.4.1 Experiments, Sample Spaces and Events.4.2 Classical Approach to Probability.4.3 Permutations and Combinations.4.4 The Birthday Problem.4.5 Balls and Bins.4.6 Relative Frequency Approach to Probability.4.7 Simulating Probabilities.5. Rules of Probability.5.1 Probability and Sets.5.2 Mutually Exclusive Events.5.3 Complementary Events.5.4 Axioms of Probability.5.5 Properties of Probability.6. Conditional Probability.6.1 Multiplication Law of Probability.6.2 Independent Events.6.3 The Intel Fiasco.6.4 Law of Total Probability.6.5 Trees.7. Posterior Probability and Bayes.7.1 Bayes' Rule.7.2 Hardware Fault Diagnosis.7.3 Machine Learning.7.4 The Fundamental Equation of Machine Translation.8. Reliability.8.1 Series Systems.8.2 Parallel Systems.8.3 Reliability of a System.8.4 Series-Parallel Systems.8.5 The Design of Systems.8.6 The General System.III: DISCRETE DISTRIBUTIONS.9. Discrete Distributions.9.1 Discrete Random Variables.9.2 Cumulative Distribution Function.9.3 Some Simple Discrete Distributions.9.4 Benford's Law.9.5 Summarising Random Variables: Expectation.9.6 Properties of Expectations.9.7 Simulating Expectation for Discrete Random Variables.10. The Geometric Distribution.10.1 Geometric Random Variables.10.2 Cumulative Distribution Function.10.3 The Quantile Function.10.4 Geometric Expectations.10.5 Simulating Geometric Probabilities and Expectations.10.6 Amnesia.10.7 Project.11. The Binomial Distribution.11.1 Binomial Probabilities.11.2 Binomial Random Variables.11.3 Cumulative Distribution Function.11.4 The Quantile Function.11.5 Machine Learning and the Binomial Distribution.11.6 Binomial Expectations.11.7 Simulating Binomial Probabilities and Expectations.11.8 Project.12. The Hypergeometric Distribution.12.1 Hypergeometric Random Variables.12.2 Cumulative Distribution Function.12.3 The Lottery.12.4 Hypergeometric or Binomial'.12.5 Project.13. The Poisson Distribution.13.1 Death by Horse Kick.13.2 Limiting Binomial Distribution.13.3 Random Events in Time and Space.13.4 Probability Density Function.13.5 Cumulative Distribution Function.13.6 The Quantile Function.13.7 Estimating Software Reliability.13.8 Modelling Defects in Integrated Circuits.13.9 Simulating Poisson Probabilities.13.10Projects.14. Sampling Inspection...

Read Probability with R: An Introduction with Computer Science Applications Online
Download PDF Probability with R: An Introduction with Computer Science
Applications

You May Also Like



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

Download eBook »



The Web Collection Revealed, Premium Edition: Adobe Dreamweaver CS6, Flash CS6, and Photoshop CS6 (Stay Current with Adobe Creative Cloud)

Cengage Learning, 2012. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: You can now maximize and integrate the design and development power of Adobe Creative Suite 6 with WEB...

Download eBook »



Star Flights Bedtime Spaceship: Journey Through Space While Drifting Off to Sleep

CreateSpace Independent Publishing Platform, 2013. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: "Star Flights Bedtime Spaceship" is a charming and fun story with the purpose to help children...

Download eBook »



Maisy's Christmas Tree

Candlewick, 2014. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: The final scene of the gang caroling around the tree, complete with paper crowns from British Christmas crackers, is...

Download eBook »



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Download eBook »



The Clever Detective Boxed Set (a Fairy Tale Romance): Stories 1, 2 and 3

Createspace, United States, 2012. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****. After six years as a private investigator, Stacey Alexander has the strangest day

Save eBook »



Oxford Reading Tree Read with Biff, Chip and Kipper: Phonics: Level 2: A Yak at the Picnic (Hardback)

Oxford University Press, United Kingdom, 2014. Hardback. Book Condition: New. Mr. Nick Schon (illustrator). 177 x 148 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UKs best-selling

Save eBook »



Read Write Inc. Phonics: Orange Set 4 Non-Fiction 3 Up in the Air

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 176 x 97 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

Save eBook »



Oxford Reading Tree Read with Biff, Chip, and Kipper: Phonics: Level 2: Cat in a Bag (Hardback)

Oxford University Press, United Kingdom, 2011. Hardback. Book Condition: New. 172 x 142 mm. Language: English . Brand New Book. Read With Biff, Chip and Kipper is the UK s best-selling home reading series. It

Save eBook »



TJ new concept of the Preschool Quality Education Engineering: new happy learning young children (3-5 years old) daily learning book Intermediate (2) (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 :2005-09-01 Publisher: Chinese children before making Reading: All books are the

Save eBook »