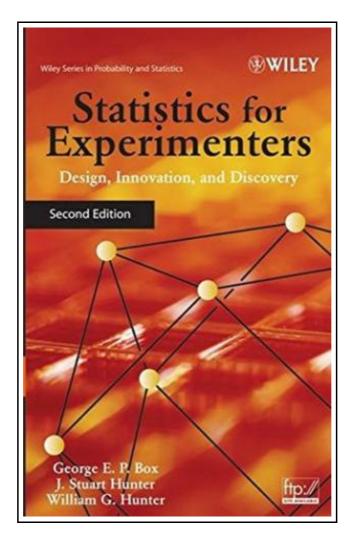
Statistics for Experimenters: Design, Innovation, and Discovery, 2nd Edition



Filesize: 4.91 MB

Reviews

Most of these ebook is the perfect publication offered. Sure, it really is play, still an interesting and amazing literature. You wont truly feel monotony at whenever you want of your time (that's what catalogs are for about in the event you check with me).

(Roosevelt Rohan)

STATISTICS FOR EXPERIMENTERS: DESIGN, INNOVATION, AND DISCOVERY, 2ND EDITION



Wiley-Interscience, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Preface to the Second Edition. Chapter 1. Catalizing the Generation of Knowledge. 1.1. The Learning Process.1.2. Important Considerations.1.3. The Experimenter's Problem and Statistical Methods.1.4. A Typical Investigation.1.5. How to Use Statistical Techniques.References and Further Reading.Chapter 2. Basics: Probability, Parameters and Statistics.2.1. Experimental Error.2.2. Distributions.2.3. Statistics and Parameters.2.4. Measures of Location and Spread.2.5. The Normal Distribution.2.6. Normal Probability Plots.2.7. Randomness and Random Variables.2.8. Covariance and Correlation as Measures of Linear Dependence.2.9. Student'st Distribution.2.10. Estimates of Parameters.2.11. Random Sampling from a Normal Population.2.12. The Chi-Square and F Distributions.2.13. The Binomial Distribution.2.14. The Poisson Distribution.Appendix 2A. Mean and Variance of Linear Combinations of Observations.References and Further Reading.Chapter 3. Comparing Two Entities: Relevant Reference Distributions, Tests and Confidence Intervals.3.1. Relevant Reference Sets and Distributions. 3.2. Randomized Paired Comparison Design: Boys' Shoes Example.3.3. Blocking and Randomization.3.4. Reprise: Comparison, Replication, Randomization, and Blocking in Simple Experiments.3.5. More on Significance Tests.3.6. Inferences About Data that are Discrete: Binomial Distribution.3.7. Inferences about Frequencies (Counts Per Unit): The Poisson Distribution.3.8. Contingency Tables and Tests of Association. Appendix 3A. Comparison of the Robustness of Tests to Compare Two Entities.Appendix 3B. Calculation of reference distribution from past data.References and Further Reading. Chapter 4. Comparing a Number of Entities: Randomized Blocks and Latin Squares. 4.1. Comparingk Treatments in a Fully Randomized Design.4.2. Randomized Block Designs.4.3. A Preliminary Note on Split-Plot Experiments and their Relationship to Randomized Blocks.4.4. More than one blocking component: Latin Squares.4.5. Balanced Incomplete Block Designs.Appendix 4A. The Rationale for the Graphical ANOVA.Appendix 4B. Some Useful Latin Square, Graeco-Latin Square, and Hyper-Graeco-Latin Square Designs.References and Further Reading.Chapter 5. Factorial Designs at Two Levels: Advantages of Experimental Design.5.1. Introduction.5.2. Example 1: The Effects of Three Factors (Variables) on Clarity of Film.5.3. Example 2: The Effects of Three Factors on Three Physical...

Read Statistics for Experimenters: Design, Innovation, and Discovery, 2nd Edition Online

Download PDF Statistics for Experimenters: Design, Innovation, and Discovery, 2nd Edition

Related eBooks



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...

Save 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...

Save 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...

Save 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...

Save eBook »



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (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...

Save eBook »