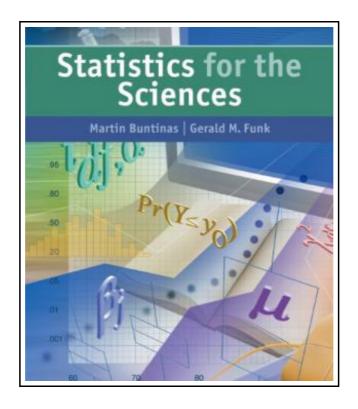
Statistics for The Sciences



Filesize: 8.35 MB

Reviews

The ebook is simple in go through preferable to comprehend. Better then never, though i am quite late in start reading this one. Its been printed in an exceptionally simple way and it is simply right after i finished reading through this pdf in which in fact altered me, affect the way i believe. (Prof. Corbin Hill!)

STATISTICS FOR THE SCIENCES



Cengage Learning, 2004. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: PREFACE. 1. INTRODUCTION. What is Statistics? Sampling and Estimation. Precision Versus Confidence. Hypothesis Testing. Preview. Review Exercises. 2. DESCRIPTION OF DATA. Introduction. Categorical Data. Ordinal Data. Ratio Data. Frequency Tables and Histograms. Grouped Data and Sturges Rule. Stem and Leaf Plot. Five-number Summary. Box Plot. The Mean. Variance and Standard Deviation. Ogives and Quantiles. Exploratory Data Analysis. Formulas for Histograms (optional). Review Exercises. 3. PROBABILITY THEORY. Overview. Definitions. Probabilities of Events. Rules of Probability. Three Diagrams. Bayes Formula. Review Exercises. 4. DISCRETE RANDOM VARIABLES. Introduction. Basic Properties of Discrete Random Variables. Probability Histograms. Expected Value or Mean of a Random Variable. Functions of Random Variables. Variance and Standard Deviation of a Random Variable. Law of Large Numbers (optional). Review Exercises. 5. CONTINUOUS RANDOM VARIABLES. Continuous Random Variables. Basic Properties. Percentiles and Modes. Expected Value or Mean. Functions of Random Variables. Variance and Standard Deviation. Chebyshevs Inequality. Review Exercises. 6. SPECIAL DISCRETE RANDOM VARIABLES. Discrete Uniform Random Variables. Bernoulli Random Variables. Binomial Random Variables. Hypergeometric Random Variables. Review Exercises. 7. HYPOTHESIS TESTING. Introduction. Two Types of Errors. The Sign Test. Binomial Exact Test. Fishers Exact Test. Trivial Effect Can be Significant. Review Exercises. 8. NORMAL RANDOM VARIABLES. Introduction. Normal Approximation of Binomial. Continuity Correction. Central Limit Theorem. Processes that Follow the Normal Curve. Review Exercises. 9. WAITING TIME RANDOM VARIABLES Geometric Random Variables. Exponential Random Variables. Poisson Random Variables. Poisson Approximation Binomial for Rare Events. Poisson Random Variable as Inverse Exponential. Review Exercises, 10. MULTIVARIATE RANDOM VARIABLES. Joint Densities. Independence of Random Variables. Expectation, Covariance, and Correlation. Linear Combinations of Random Variables. Review Exercises. 11. SAMPLING THEORY. Population and Parameters. Samples and Statistics. Law of Averages for the Sample Count. Law of Averages for...



Read Statistics for The Sciences Online Download PDF Statistics for The Sciences

Relevant 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...

Read Book »



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...

Read Book »



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...

Read Book »



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...

Read Book »



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...

Read Book »