#### 图书基本信息

书名:《Statistics统计学》

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#### 内容概要

Drawing upon over 40 years of teaching experience, the authors of this highly accessible book provide a clear and methodical approach to essential statistical procedures. They use plain language to explain concepts, employ engaging examples, and incorporate extensive exercises to insure a better understanding of the material. The book successfully demystifies such commonly troublesome topics as the standard deviation, hypothesis testing, confidence intervals, degrees of freedom, p-values, and estimates of effect size. Throughout its pages, concepts are emphasized rather than computations.

#### 书籍目录

1. IntroductionPART I. Descriptive Statistics 2. Describing Data with Tables and Grahs 3. Describing Data with Averages 4. Describing Variability 5. Standard Scores (z) and Normal Distribution 6. Describing Relationships: Correlation 7. RegressionPART II. Inferential Statistics 8. Populations, Samples, and Probability 9. Sampling Distribution of the Mean 10. Introduction to Hypothesis Testing: the z Test 11. More about Hypothesis Testing 12. Estimation (Confidence Intervals) 13. t Test for One Sample 14. t Test for Two Independent Samples 15. t Test for Two Related Samples (Repeated Measures) 16. Analysis of Variance (One Factor) 17. Analysis of Variance (Repeated Measures) 18. Analysis of Variance (Two Factors) 19. Chi-Square Test for Qualitative (Nominal) Data 20. Tests for Ranked (Ordinal) Data 21. Postscript: Which Test?Appendices A. Math Review B. Answers to Selected Questions C. Tables D. GlossaryIndex

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