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Nota di contenuto	INTRODUCTION TO STATISTICS THROUGH RESAMPLING METHODS AND MICROSOFT OFFICE EXCEL®; Contents; Preface; 1. Variation (or What Statistics Is All About); 1.1. Variation; 1.2. Collecting Data; 1.3. Summarizing Your Data; 1.3.1 Learning to Use Excel; 1.4. Reporting Your Results: the Classroom Data; 1.4.1 Picturing Data; 1.4.2 Displaying Multiple Variables; 1.4.3 Percentiles of the Distribution; 1.5. Types of Data; 1.5.1 Depicting Categorical Data; 1.5.2 From Observations to Questions; 1.6. Measures of Location; 1.6.1 Which Measure of Location?; 1.6.2 The Bootstrap; 1.7. Samples and Populations 1.7.1 Drawing a Random Sample 1.7.2 Ensuring the Sample is Representative; 1.8. Variation-Within and Between; 1.9. Summary and Review; 2. Probability; 2.1. Probability; 2.1.1 Events and Outcomes; 2.1.2 Venn Diagrams; 2.2. Binomial; 2.2.1 Permutations and Rearrangements; 2.2.2 Back to the Binomial; 2.2.3 The Problem Jury; 2.2.4 Properties of the Binomial; 2.2.5 Multinomial; 2.3. Conditional Probability; 2.3.1 Market Basket Analysis; 2.3.2 Negative Results; 2.4. Independence; 2.5. Applications to Genetics; 2.6. Summary and Review;

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Sommario/riassunto

Learn statistical methods quickly and easily with the discovery method
With its emphasis on the discovery method, this publication encourages readers to discover solutions on their own rather than simply copy answers or apply a formula by rote. Readers quickly master and learn to apply statistical methods, such as bootstrap, decision trees, t-test, and permutations to better characterize, report, test, and classify their research findings. In addition to traditional methods, specialized methods are covered, allowing readers to select and apply the most effective method for their research
