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Nota di contenuto	2.1.1 One-Way Scatter Plots2.1.2 Frequency Distribution; 2.1.3 Histogram and the Frequency Polygon; 2.1.4 Cumulative Frequency Graph and Percentiles; 2.1.5 Stem-and-Leaf Diagrams; 2.2 Numerical Methods; 2.2.1 Mean; 2.2.2 Other Measures of Location; 2.2.3 Measures of Dispersion; 2.2.4 Box Plots; 2.3 Special Case of Binary Data; 2.4 Coefficients of Correlation; 2.4.1 Pearson's Correlation Coefficient; 2.4.2 Nonparametric Correlation Coefficients; 2.5 Notes on Computations; Exercises; 3 Probability and Probability Models; 3.1 Probability; 3.1.1 Certainty of Uncertainty; 3.1.2 Probability 3.1.3 Statistical Relationship3.1.4 Using Screening Tests; 3.1.5 Measuring Agreement; 3.2 Normal Distribution; 3.2.1 Shape of the Normal Curve; 3.2.2 Areas under the Standard Normal Curve; 3.2.3 Normal Distribution as a Probability Model; 3.3 Probability Models for Continuous Data; 3.4 Probability Models for Discrete Data; 3.4.1 Binomial Distribution; 3.4.2 Poisson Distribution; 3.5 Brief Notes on the Fundamentals; 3.5.1 Mean and Variance; 3.5.2 Pair-Matched Case-Control Study; 3.6 Notes on Computations; Exercises; 4 Estimation of

Parameters; 4.1 Basic Concepts; 4.1.1 Statistics as Variables
4.1.2 Sampling Distributions4.1.3 Introduction to Confidence Estimation; 4.2 Estimation of Means; 4.2.1 Confidence Intervals for a Mean; 4.2.2 Uses of Small Samples; 4.2.3 Evaluation of Interventions; 4.3 Estimation of Proportions; 4.4 Estimation of Odds Ratios; 4.5 Estimation of Correlation Coefficients; 4.6 Brief Notes on the Fundamentals; 4.7 Notes on Computations; Exercises; 5 Introduction to Statistical Tests of Significance; 5.1 Basic Concepts; 5.1.1 Hypothesis Tests; 5.1.2 Statistical Evidence; 5.1.3 Errors; 5.2 Analogies; 5.2.1 Trials by Jury; 5.2.2 Medical Screening Tests
7 Comparison of Population Means

Sommario/riassunto

Provides many real-data sets in various fields in the form of examples at at the end of all twelve chapters in the form of exercises.Covers all of the nuts and bolts of biostatistics in a user-friendly style that motivates readers.Contains notes on computations at the end of most chapters, covering the use of Excel, SAS, and others.