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Nota di contenuto	Biostatistical Methods in Epidemiology; Contents; Preface; 1. Introduction; 1.1 Probability; 1.2 Parameter Estimation; 1.3 Random Sampling; 2. Measurement Issues in Epidemiology; 2.1 Systematic and Random Error; 2.2 Measures of Effect; 2.3 Confounding; 2.4 Collapsibility Approach to Confounding; 2.5 Counterfactual Approach to Confounding; 2.6 Methods to Control Confounding; 2.7 Bias Due to an Unknown Confounder; 2.8 Misclassification; 2.9 Scope of this Book; 3. Binomial Methods for Single Sample Closed Cohort Data; 3.1 Exact Methods; 3.2 Asymptotic Methods 10. Poisson Methods for Censored Survival Data10.1 Poisson Methods for Single Sample Survival Data; 10.2 Poisson Methods for Unstratified Survival Data; 10.3 Poisson Methods for Stratified Survival Data; 11. Odds Ratio Methods for Case-Control Data; 11.1 Justification of the Odds Ratio Approach; 11.2 Odds Ratio Methods for Matched-Pairs Case-Control Data; 11.3 Odds Ratio Methods for (1 : M) Matched Case-Control Data; 12. Standardized Rates and Age-Period-Cohort Analysis;

	12.1 Population Rates; 12.2 Directly Standardized Death Rate; 12.3 Standardized Mortality Ratio 12.4 Age-Period-Cohort Analysis
Sommario/riassunto	An introduction to classical biostatistical methods in epidemiology Biostatistical Methods in Epidemiology provides an introduction to a wide range of methods used to analyze epidemiologic data, with a focus on nonregression techniques. The text includes an extensive discussion of measurement issues in epidemiology, especially confounding. Maximum likelihood, Mantel-Haenszel, and weighted least squares methods are presented for the analysis of closed cohort and case-control data. Kaplan-Meier and Poisson methods are described for the analysis of censored survival data. A