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Prevalence and Incidence; 4.7.2 Sensitivity and Specificity; 4.7.3 Relative Risk and Odds Ratio; 4.8 Exercises; 4.9 References; 5 Probability Distributions; 5.1 Introduction; 5.2 Binomial Distribution; 5.3 Poisson Distribution; 5.4 Poisson Approximation to Binomial Distribution; 5.5 Normal Distribution; 5.5.1 Properties of Normal 5.5 NORMAL DISTRIBUTION Distribution; 5.5.2 Standard Normal Distribution; 5.5.3 Using Normal Probability Table
5.5.4 Further Applications of Normal Probability; 5.5.5 Finding the (1-a) 100th Percentiles; 5.5.6 Normal Approximation to the Binomial Distribution; 5.6 Exercises; 5.7 References; 6 Sampling Distributions; 6.1 Introduction; 6.2 Sampling Distribution of the Mean; 6.2.1 Standard Error of the Sample Mean; 6.2.2 Central Limit Theorem; 6.3 Student t Distribution; 6.4 Exercises; 6.5 References; 7 Confidence Intervals and Sample Size; 7.1 Introduction; 7.2 Confidence Intervals for the Mean and Sample Size n When Is Known
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Sommario/riassunto

Biostatistics for Oral Healthcare offers students, practitioners and instructors alike a comprehensive guide to mastering biostatistics and their application to oral healthcare. Drawing on situations and methods from dentistry and oral healthcare, this book provides a thorough treatment of statistical concepts in order to promote in-depth and correct comprehension, supported throughout by technical discussion and a multitude of practical examples.