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8.5. The Use of the Tables for Significance Testing; CHAPTER 9. F Tests of Variance Proportions in Multiple Regression/Correlation Analysis; 9.1. Introduction and Use; 9.2. The Effect Size Index: f^2 ; 9.3. Power Tables; 9.4. L Tables and the Determination of Sample Size; CHAPTER 10. Technical Appendix : Computational Procedures; 10.1. Introduction; 10.2. t Test for Means; 10.3. The Significance of a Product Moment r ; 10.4. Differences between Correlation Coefficients 10.5. The Test that a Proportion is .50 and the Sign Test 10.6. Differences between Proportions; 10.7. Chi-Square Tests for Goodness of Fit and Contingency Tables; 10.8. F Test on Means and the Analysis of Variance and Covariance; 10.9. F Test of Variance Proportions in Multiple Regression/Correlation Analysis; References; Index

Sommario/riassunto

Statistical Power Analysis for the Behavioral Sciences, Revised Edition emphasizes the importance of statistical power analysis. This edition discusses the concepts and types of power analysis, t test for means, significance of a product moment r_s , and differences between correlation coefficients. The test that a proportion is .50 and sign test, differences between proportions, and chi-square tests for goodness of fit and contingency tables are also elaborated. This text likewise covers the F tests of variance proportions in multiple regression/correlation analysis and computational procedures
