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4.2 Difference tests using forced-choice methods; 4.3 Power analysis for tests for one proportion; 4.4 Discrimination tests using methods with response bias; 4.5 Power analysis of tests for two proportions; 4.6 Efficiency comparisons of difference tests; 4.7 Difference tests for  $d'$  and R-index; Chapter 5 Similarity (equivalence) testing; 5.1 Introduction; 5.2 Similarity tests using the Two-Alternative Forced Choice (2-AFC) method; 5.3 Similarity testing using forced-choice methods  
5.4 Similarity tests using methods with response bias  
5.5 Similarity tests using ratings of the A-Not A, Same-Different, and A-Not AR; 5.6 Similarity tests for continuous data; 5.7 Similarity tests for correlated data; 5.8 Confidence interval for similarity evaluation; 5.9 Controversy over similarity (equivalence) tests in statistical and sensory literature; Chapter 6 Bayesian approach to discrimination tests; 6.1 Introduction; 6.2 One-proportion two-sided tests; 6.3 One-proportion one-sided tests; 6.4 Two-proportion tests; 6.5 Thurstonian  $d'$  for Bayesian estimate of proportion  
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#### Sommario/riassunto

Sensory testing and measurement are the main functions of sensory analysis. In recent years, the sensory and consumer field has evolved to include both difference testing and similarity testing, and new sensory discrimination methods such as the tetrads have received more attention in the literature. This second edition of *Sensory Discrimination Tests and Measurements* is updated throughout and responds to these changes and includes: A wide range of sensory measurements: Measurements of sensory effect ( $d'$ , R-index and Gini-index); Measurements of performance of trained sensory panel (Intrac

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