Record Nr. UNINA9911020255603321 Autore Saleh A. K. Md. Ehsanes **Titolo** Theory of preliminary test and Stein-type estimation with applications / / A.K. Md. Ehsanes Saleh Hoboken, NJ,: Wiley-Interscience, c2006 Pubbl/distr/stampa **ISBN** 9786610448012 9781280448010 1280448016 9780470360552 0470360550 9780471773757 0471773751 9780471773740 0471773743 Descrizione fisica 1 online resource (656 p.) Wiley Series in Probability and Statistics;; v.517 Collana Disciplina 519.5/44 519.544 Soggetti Parameter estimation Regression analysis Bayesian statistical decision theory Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references (p. 601-612) and indexes. Nota di bibliografia Theory of Preliminary Test and Stein-Type Estimation with Applications; Nota di contenuto Contents; List of Figures; List of Figures; List of Tables; Preface: 1 Introduction: 1.1.1 Batting averages of 18 players: 1.1 Display of predicted batting averages based on Stein's formula: 1.1 Objective of This Book; 1.2 Statistical Decision Principle; 1.3 Quadratic Loss Function; 1.4 Some Statistical Models with Preliminaries; 1.4.1 Mean and Simple Linear Models; 1.4.2 One-Sample Multivariate Model;

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Sommario/riassunto

Theory of Preliminary Test and Stein-Type Estimation with Applications provides a com-prehensive account of the theory and methods of estimation in a variety of standard models used in applied statistical inference. It is an in-depth introduction to the estimation theory for graduate students, practitioners, and researchers in various fields, such as statistics, engineering, social sciences, and medical sciences. Coverage of the material is designed as a first step in improving the estimates before applying full Bayesian methodology, while problems at the end of each chapter enlarge the scope