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Other Related Work; Chapter 5. Maximum Likelihood Estimation; 5.1 Preliminary Remarks; 5.2 The Weibull Distribution; 5.3 The Lognormal Distribution; 5.4 The Inverse Gaussian Distribution; 5.5 The Gamma Distribution; 5.6 The Rayleigh Distribution; 5.7 The Exponential Distribution  
5.8 Complete, Truncated, and Censored Samples from the Normal Distribution  
Chapter 6. Approximate Maximum Likelihood Estimation; 6.1 Preliminary Remarks; 6.2 Estimation for the Rayleigh Distribution; 6.3 Estimation for the Normal Distribution; 6.4 Estimation for the Logistic Distribution; 6.5 Estimation for the Extreme Value Distribution; 6.6 Estimation for the Type I Generalized Logistic Distribution; 6.7 Estimation for the Half Logistic Distribution; Chapter 7. Optimal Linear Estimation Based on Selected Order Statistics; 7.1 Introduction  
7.2 Bennett's and Jung's Optimal Asymptotic Estimators  
7.3 Ogawa's Optimal Estimators Based on Selected Order Statistics; 7.4 Dixon's Simplified Linear Estimators; 7.5 Balakrishnan's Approximate Maximum Likelihood Estimation; 7.6 Estimation of Population Quantiles; 7.7 Details of Other Related Work; Chapter 8. Cohen-Whitten Estimators: Using Order Statistics; 8.1 Preliminary Remarks; 8.2 The Weibull Distribution; 8.3 The Lognormal Distribution; 8.4 The Inverse Gaussian Distribution; 8.5 The Gamma Distribution; 8.6 The Exponential Distribution; 8.7 Illustrative Examples  
Chapter 9. Estimation in Regression Models

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#### Sommario/riassunto

The literature on order statistics and inference is quite extensive and covers a large number of fields, but most of it is dispersed throughout numerous publications. This volume is the consolidation of the most important results and places an emphasis on estimation. Both theoretical and computational procedures are presented to meet the needs of researchers, professionals, and students. The methods of estimation discussed are well-illustrated with numerous practical examples from both the physical and life sciences, including sociology, psychology, and electrical and chemical engineering. A co

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