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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
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 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

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