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Distributions; 3.12 Further Pareto-Type Distributions; 4 Lognormal Distributions; 4.1 Definition; 4.2 History and Genesis; 4.3 Moments and Other Basic Properties; 4.4 Characterizations; 4.5 Lorenz Curve and Inequality Measures; 4.6 Estimation; 4.7 Three- and Four-Parameter Lognormal Distributions; 4.8 Multivariate Lognormal Distribution; 4.9 Empirical Results
4.10 Generalized Lognormal Distribution
4.11 An Asymmetric Log-Laplace Distribution; 4.12 Related Distributions; 5 Gamma-Type Size Distributions; 5.1 Generalized Gamma Distribution; 5.2 Gamma Distribution; 5.3 Log-Gamma Distribution; 5.4 Inverse Gamma (Vinci) Distribution; 5.5 Weibull Distribution; 5.6 Log-Gompertz Distribution; 6 Beta-Type Size Distributions; 6.1 (Generalized) Beta Distribution of the Second Kind; 6.2 Singh-Maddala Distribution; 6.3 Dagum Distributions; 6.4 Fisk (Log-Logistic) and Lomax Distributions; 6.5 (Generalized) Beta Distribution of the First Kind
7 Miscellaneous Size Distributions
7.1 Benini Distribution; 7.2 Davis Distribution; 7.3 Champernowne Distribution; 7.4 Benktander Distributions; Appendix A Biographies; A.1 Vilfredo Federico Domaso Pareto, Marchese di Parigi; A.2 Rodolfo Benini; A.3 Max Otto Lorenz; A.4 Corrado Gini; A.5 Luigi Amoroso; A.6 Raffaele D'Addario; A.7 Robert Pierre Louis Gibrat; A.8 David Gawen Champernowne; Appendix B Data on Size Distributions; Appendix C Size Distributions; List of Symbols; References; Author Index; Subject Index

Sommario/riassunto

A comprehensive account of economic size distributions around the world and throughout the years. In the course of the past 100 years, economists and applied statisticians have developed a remarkably diverse variety of income distribution models, yet no single resource convincingly accounts for all of these models, analyzing their strengths and weaknesses, similarities and differences. *Statistical Size Distributions in Economics and Actuarial Sciences* is the first collection to systematically investigate a wide variety of parametric models that deal with income, wealth, and related notions.
