

1. Record Nr.	UNINA9910300110803321
Titolo	Trends and Perspectives in Linear Statistical Inference : LinStat, Istanbul, August 2016 // edited by Mújgan Tez, Dietrich von Rosen
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-319-73241-2
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (257 pages) : illustrations
Collana	Contributions to Statistics
Disciplina	519.5
Soggetti	Statistics Biometry Mathematical statistics - Data processing Statistical Theory and Methods Statistics in Business, Management, Economics, Finance, Insurance Biostatistics Statistics and Computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Foreword -- Comparison of estimation methods for inverse Weibull distribution (F. G. Akgül, B. enolu) -- Liu-type negative binomial regression (Y. Asar) -- Appraisal of performance of three tree-based classification methods (H. D. Asfha, B. K. Kilinc) -- High-dimensional CLTs for individual Mahalanobis distances (D. Dai, T. Holgersson) -- Bootstrap type-1 fuzzy functions approach for time series forecasting (A. Z. Dalar, E. Eriolu) -- A weighted ensemble learning by SVM for longitudinal data: Turkish bank bankruptcy (B. E. Erdogan, S. Ö. Akyüz) -- The complementary exponential phase type distribution (S. Eryilmaz) -- Best linear unbiased prediction: Some properties of linear prediction sufficiency in the linear model (J. Isotalo, A. Markiewicz, S. Puntanen) -- A note on circular m-consecutive-k-out-of-n: F Systems (C. Kan) -- A categorical principal component regression on computer assisted instruction in probability domain (T. Kapucu, O. Ilk, . Batmaz) -- Contemporary robust optimal design strategies (T. E. O'Brien) --

Alternative approaches for the use of uncertain prior information to overcome the rank-deficiency of a linear model (B. Schaffrin, K. Snow, X. Fang) -- Exact likelihood-based point and interval estimation for lifetime characteristics of Laplace distribution based on hybrid Type-I and Type-II censored data (F. Su, N. Balakrishnan, X. Zhu) -- Statistical inference for two-compartment model parameters with bootstrap method and genetic algorithm (Ö. Türken, M. Tez).

Sommario/riassunto

This volume features selected contributions on a variety of topics related to linear statistical inference. The peer-reviewed papers from the International Conference on Trends and Perspectives in Linear Statistical Inference (LinStat 2016) held in Istanbul, Turkey, 22-25 August 2016, cover topics in both theoretical and applied statistics, such as linear models, high-dimensional statistics, computational statistics, the design of experiments, and multivariate analysis. The book is intended for statisticians, Ph.D. students, and professionals who are interested in statistical inference. .
