

1. Record Nr.	UNINA9910360853903321
Titolo	Selected Contributions on Statistics and Data Science in Latin America : 33 FNE and 13 CLATSE, 2018, Guadalajara, Mexico, October 15 // edited by Isadora Antoniano-Villalobos, Ramsés H. Mena, Manuel Mendoza, Lizbeth Naranjo, Luis E. Nieto-Barajas
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019
ISBN	3-030-31551-7
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (VIII, 154 p. 46 illus., 36 illus. in color.)
Collana	Springer Proceedings in Mathematics & Statistics, , 2194-1017 ; ; 301
Disciplina	519.233
Soggetti	Markov processes Statistics Quantitative research Big data Markov Process Applied Statistics Bayesian Inference Data Analysis and Big Data Big Data
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Anzarut, M., González, L. F., and Ortiz, M. T: A Heavy-tailed Multilevel Mixture Model for the Quick Count in the Mexican Elections of 2018 -- Baltazar, F. and Esparza, L. J. R: Bayesian estimation for the Markov-Modulated Diffusion Risk Model -- Sergio, A. B., Johny, J. P., Ana, B. N., and Puricaci' on, G: Meta-analysis in DTA with hierarchical models Bivariate and HSROC: Simulation study -- Coen, A. and Chaparro, B. G: Compound Dirichlet Processes -- Guti' errez, E. and Walker, S. G: An efficient method to determine the degree of overlap of two multivariate distributions -- Mart' nez, A. F.: Clustering via non-symmetric partition distributions -- Naranjo, L., Fuentes, R., and P' erez, C, J: A Flexible Replication-Based Classification Approach for Parkinson's Disease Detection by Using Voice Recordings -- Novoa, F., Espinoza, S.

C., Pérez, A. C., and Duque, I. H: Calibration of population growth mathematical models by using time series -- Castro, E. P., Jaimes, F. G., Rodríguez, E. B., Carreto, R. R., Roque, R. L., Leyva, V. V: Impact of the Red Code process using structural equation models -- Esparza, L. J. R.: On a construction of stationary processes via Bilateral Matrix-Exponential distributions -- Richards, E. I. V., Gallagher, E., and Suárez, P: BoostNet: Bootstrapping detection of socialbots, and a case study from Guatemala.

---

Sommario/riassunto

The volume includes a collection of peer-reviewed contributions from among those presented at the main conference organized yearly by the Mexican Statistical Association (AME) and every two years by a Latin-American Confederation of Statistical Societies. For the 2018 edition, particular attention was placed on the analysis of highly complex or large data sets, which have come to be known as “big data”. Statistical research in Latin America is prolific and research networks span within and outside the region. The goal of this volume is to provide access to selected works from Latin-American collaborators and their research networks to a wider audience. New methodological advances, motivated in part by the challenges of a data-driven world and the Latin American context, will be of interest to academics and practitioners around the world. .

---