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Nota di contenuto	Symmetrizing k-nn and Mutual k-nn Smoothers (P. A. Cornillon, A. Gribinski, N. Hengartner, T. Kerdreux and E. Matzner-Løber) -- Multiplicative Bias Corrected Nonparametric Smoothers (N. Hengartner, E. Matzner-Løber, L. Rouvière and T. Burr) -- Nonparametric PU Learning of State Estimation in Markov Switching Model (A. Dobrovidov and V. Vasilyev) -- Nonparametric Lower Bounds and Information Functions (S. Y. Novak) -- Efficiency of the V-fold Model Selection for Localized Bases (F. Navarro and A. Saumard) -- Modification of Moment-based Tail Index Estimator: Sums versus Maxima (N. Markovich and M. Vaiiulis) -- Constructing Confidence Sets for the Matrix Completion Problem (A. Carpentier, O. Klopp and M. Löffler) -- PAC-Bayesian Aggregation of Affine Estimators (L. Montuelle and E. Le Pennec) -- A Nonparametric Classification Algorithm Based on Optimized Templates (J. Kalina) -- Light- and Heavy-tailed Density Estimation by Gamma-Weibull Kernel (L. Markovich) -- Adaptive Estimation of Heavy Tail Distributions with Application to Hall Model (D.

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Sommario/riassunto

This volume presents the latest advances and trends in nonparametric statistics, and gathers selected and peer-reviewed contributions from the 3rd Conference of the International Society for Nonparametric Statistics (ISNPS), held in Avignon, France on June 11-16, 2016. It covers a broad range of nonparametric statistical methods, from density estimation, survey sampling, resampling methods, kernel methods and extreme values, to statistical learning and classification, both in the standard i.i.d. case and for dependent data, including big data. The International Society for Nonparametric Statistics is uniquely global, and its international conferences are intended to foster the exchange of ideas and the latest advances among researchers from around the world, in cooperation with established statistical societies such as the Institute of Mathematical Statistics, the Bernoulli Society and the International Statistical Institute. The 3rd ISNPS conference in Avignon attracted more than 400 researchers from around the globe, and contributed to the further development and dissemination of nonparametric statistics knowledge.
