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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Chapter 1 - PerioClust: a simple hierarchical agglomerative clustering approach including constraints (Lise Bellanger, Arthur Coulon and Philippe Husi) -- Chapter 2 - What was really the case? Party competition in Europe at the occasion of the 2019 European Parliament Elections (Theodore Chadjipadelis and Eftichia Teperoglou) -- Chapter 3 - A Fast Electric Vehicle Planner Using Clustering (Jaël Champagne Gareau, Éric Beaudry and Vladimir Makarenkov) -- Chapter 4 - A generalized coefcient of determination for mixtures of regressions (Roberto Di Mari, Salvatore Ingrassia and Antonio Punzo) -- Chapter 5 - Distance measurement when fuzzy numbers are used. Survey of selected problems and procedures (Józef Dziechciarz and Marta Dziechciarz-Duda) -- Chapter 6 - Performance measures in discrete supervised classication (Ana Sousa Ferreira and Anabela Marques) -- Chapter 7 - Using EVT to assess risk on energy market (Alicja Ganczarek-Gamrot, Dominik Krezoek and Grazyna Trzpiot) -- Chapter 8 - Measuring and testing mutual dependence for functional data (Tomasz Górecki, Mirosaw Krzysko and Waldemar Woynski) -- Chapter 9 - Single imputation via chunk-wise PCA (Alfonso Iodice D'Enza, Francesco Palumbo and Angelos Markos) -- Chapter 10 - Clustering Mixed-Type Data: a benchmark study on KAMILA and K-prototypes (Jarrett Jimeno, Madhumita Roy and Cristina Tortora) -- Chapter 11 - Exploring social attitudes towards the green infrastructure plan of the Drama city in Greece (Vassiliki Kazana,

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Miro Ebert).

Sommario/riassunto

This volume presents the latest advances in statistics and data science, including theoretical, methodological and computational developments and practical applications related to classification and clustering, data gathering, exploratory and multivariate data analysis, statistical modeling, and knowledge discovery and seeking. It includes contributions on analyzing and interpreting large, complex and aggregated datasets, and highlights numerous applications in economics, finance, computer science, political science and education. It gathers a selection of peer-reviewed contributions presented at the 16th Conference of the International Federation of Classification Societies (IFCS 2019), which was organized by the Greek Society of Data Analysis and held in Thessaloniki, Greece, on August 26-29, 2019.
