Record Nr. UNINA9910254277903321 Data Science: Innovative Developments in Data Analysis and Clustering **Titolo** // edited by Francesco Palumbo, Angela Montanari, Maurizio Vichi Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2017 **ISBN** 3-319-55723-8 Edizione [1st ed. 2017.] Descrizione fisica 1 online resource (346 pages): color illustrations Collana Studies in Classification, Data Analysis, and Knowledge Organization, 2198-3321 Disciplina 519.5 Soggetti **Statistics** Data mining Mathematical statistics—Data processing Big data Statistical Theory and Methods Data Mining and Knowledge Discovery Statistics and Computing Big Data Statistics in Engineering, Physics, Computer Science, Chemistry and Earth Sciences Statistics in Business, Management, Economics, Finance, Insurance Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. Nota di contenuto Preface -- Part I: Classification Methods for High-Dimensional Data --Scientific Contributions -- Part II: Clustering Methods and Applications -- Scientific Contributions -- Part III: Multivariate Methods and Applications -- Scientific Contributions. Sommario/riassunto This edited volume on the latest advances in data science covers a wide range of topics in the context of data analysis and classification. In particular, it includes contributions on classification methods for highdimensional data, clustering methods, multivariate statistical methods, and various applications. The book gathers a selection of peerreviewed contributions presented at the Fifteenth Conference of the International Federation of Classification Societies (IFCS2015), which

was hosted by the Alma Mater Studiorum, University of Bologna, from July 5 to 8, 2015.