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| Titolo | Advanced Studies in Behaviormetrics and Data Science : Essays in Honor of Akinori Okada // edited by Tadashi Imaizumi, Atsuho Nakayama, Satoru Yokoyama |
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| ISBN | 981-15-2700-8 |
| Edizione | [1st ed. 2020.] |
| Descrizione fisica | 1 online resource (XV, 472 p. 136 illus., 69 illus. in color.) |
| Collana | Behaviormetrics: Quantitative Approaches to Human Behavior, , 2524-4027 ; ; 5 |
| Disciplina | 658.8342 |
| Soggetti | Statistics Motivation research (Marketing) Mathematics Visualization Social sciences Psychometrics Statistics for Social Sciences, Humanities, Law Statistical Theory and Methods Consumer Behavior Methodology of the Social Sciences |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Co-clustering for object by variable data matrices -- How to use the Hermitian Form Model for asymmetric MDS -- Asymmetric scaling models for square contingency tables: points, circles, arrows, and odds ratios -- Comparing partitions of the Petersen graph -- Minkowski distances and standardisation for clustering and classification on high dimensional data. . |
| Sommario/riassunto | This book focuses on the latest developments in behaviormetrics and data science, covering a wide range of topics in data analysis and related areas of data science, including analysis of complex data, analysis of qualitative data, methods for high-dimensional data, dimensionality reduction, visualization of such data, multivariate statistical methods, analysis of asymmetric relational data, and various |

applications to real data. In addition to theoretical and methodological results, it also shows how to apply the proposed methods to a variety of problems, for example in consumer behavior, decision making, marketing data, and social network structures. Moreover, it discusses methodological aspects and applications in a wide range of areas, such as behaviormetrics; behavioral science; psychology; and marketing, management and social sciences. Combining methodological advances with real-world applications collected from a variety of research fields, the book is a valuable resource for researchers and practitioners, as well as for applied statisticians and data analysts. .
