

1. Record Nr.	UNINA9910299981703321
Titolo	Analysis and Modeling of Complex Data in Behavioral and Social Sciences // edited by Donatella Vicari, Akinori Okada, Giancarlo Ragozini, Claus Weihs
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2014
ISBN	3-319-06692-7
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (297 p.)
Collana	Studies in Classification, Data Analysis, and Knowledge Organization, , 1431-8814
Disciplina	519.5
Soggetti	Statistics Social sciences Statistical Theory and Methods Statistics and Computing/Statistics Programs Methodology of the Social Sciences Statistics for Social Sciences, Humanities, Law
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters.
Nota di contenuto	Time-frequency Filtering for Seismic Waves Clustering -- Modeling Longitudinal Data by Latent Markov Models with Application to Educational and Psychological Measurement -- Clustering of Stratified Aggregated Data using the Aggregate Association Index: Analysis of New Zealand Voter Turnout (1893 - 1919) -- Estimating a Rasch Model via Fuzzy Empirical Probability Functions -- Scale Reliability Evaluation for a-priori Clustered Data -- An Evaluation of Performance of Territorial Services Center (TSC) by a Nonparametric Combination Ranking Method. The IQuEL Italian Project -- A New Index for the Comparison of Different Measurement Scales -- Asymmetries in Organizational Structures -- A Generalized Additive Model for Binary Rare Events Data: an Application to Credit Defaults -- The Meaning of forma in Thomas Aquinas. Hierarchical Clustering from the Index Thomisticus Treebank -- The Estimation of the Parameters in Multi-Criteria Classification Problem: the Case of the Electre Tri Method -- Dynamic Clustering of Financial Assets -- A Comparison of metrics for

the Assessment of Relational Similarities in Affiliation Networks -- Influence Diagnostics for Meta-Analysis of Individual Patient Data using Generalized Linear Mixed Models -- Social Networks as Symbolic Data -- Statistical Assessment for Risk Prediction of Endoleak Formation after TEVAR Based on Linear Discriminant Analysis -- Fuzzy c-means for Web Mining: The Italian Tourist Forum Case -- On Joint Dimension Reduction and Clustering of Categorical Data -- A SVM Applied Text Categorization of Academia-Industry Collaborative Research and Development Documents on the Web -- Dynamic Customer Satisfaction and Measure of Trajectories: a Banking Case -- The Analysis of Partnership Networks in Social Planning Processes -- Evaluating the Effect of New Brand by Asymmetric Multidimensional Scaling -- Statistical Characterization of the Virtual Water Trade Network -- A Pre-Specified Blockmodeling to Analyze Structural Dynamics in Innovation Networks -- The RCI as a Measure of Monotonic Dependence -- A Value Added Approach in Upper Secondary Schools of Lombardy by OECD-PISA 2009 Data -- Algorithmic-Type Imputation Techniques with Different Data Structures: Alternative Approaches in Comparison -- Changes in Japanese EFL Learners' Proficiency: An Application of Latent Rank Theory -- Robustness and Stability Analysis of Factor PD-Clustering on Large Social Data Sets -- A Box-plot and Outliers Detection Proposal for Histogram Data: New Tools for Data Stream Analysis -- Assessing Cooperation in Open Systems: an Empirical Test in Healthcare.

Sommario/riassunto

This volume presents theoretical developments, applications and computational methods for the analysis and modeling in behavioral and social sciences where data are usually complex to explore and investigate. The challenging proposals provide a connection between statistical methodology and the social domain with particular attention to computational issues in order to effectively address complicated data analysis problems. The papers in this volume stem from contributions initially presented at the joint international meeting JCS-CLADAG held in Anacapri (Italy) where the Japanese Classification Society and the Classification and Data Analysis Group of the Italian Statistical Society had a stimulating scientific discussion and exchange.
