Studies in Classification, Data Analysis, and Knowledge Organization

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Statistical Models for Data Analysis
Preface

This volume contains revised versions of the selected papers presented at the 8th biannual meeting of the Classification and Data Analysis Group (CLADAG) of the Italian Statistical Society, organized by the Department of Economics and Management of the University of Pavia, in September 2011.

The conference has encompassed 170 presentations, organized in 3 plenary talks and 46 sessions. With 230 attendees from 10 different countries, the conference provided an attractive interdisciplinary international forum for discussion and mutual exchange of knowledge. The topics of all plenary and specialized sessions were chosen, in a peer-review process, to fit the mission of CLADAG which is to promote methodological, computational and applied research, within the fields of classification, data analysis and multivariate statistics.

The contributions in this volume were selected in a second peer-review process, after the conference. In addition to the fundamental areas of clustering and discrimination, multidimensional data analysis and data mining, the volume contains manuscripts concerning data analysis and statistical modelling in application areas like economics and finance, education and social sciences and environmental and biomedical sciences.

We would like to express our gratitude to all members of the scientific program committee, for their ability in attracting interesting contributions. We also thank the session organizers, the invited speakers, the chairpersons and the discussants of all sessions for a very stimulating scientific atmosphere. We are very grateful to the referees, for their careful reviews of the submitted papers and for the time spent in this professional activity.

We gratefully acknowledge financial support from the Italian Ministry of Research (PRIN programme), the University of Pavia, the Credito Valtellinese banking group and the IT company ISED. We also thank PRAGMA Congressi for the precious support in the organization of the conference.

A special thanks is due to the local organizing committee and, in particular, to its coordinator, Dr. Paola Cerchiello, for a very well organized conference, with the related scientific proceedings. Finally we would like to thank Ruth Milewski and
Dr. Martina Bihn of Springer-Verlag, Heidelberg, for the support and dedication to the production of this volume.

Pavia, Italy
Catania, Italy
Roma, Italy
7 December 2012

Paolo Giudici
Salvatore Ingrassia
Maurizio Vichi
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Contributors

G. Adelfio Dipartimento di Scienze Statistiche e Matematiche “S. Vianelli”, Università degli Studi di Palermo, Palermo, Italy

Claudio Agostinelli Department of Environmental Science, Informatics and Statistics, Ca’ Foscari University of Venice, Venice, Italy

Massimo Attanasio Dipartimento di Scienze Statistiche e Matematiche “Silvio Vianelli”, Università degli Studi di Palermo, Palermo, Italy

Antonio Balzanella Second University of Naples, Naples, Italy

Tonio Di Battista University G. D’Annunzio, Rome, Italy

Annamaria Bianchi DMSIA, University of Bergamo, Bergamo, Italy

Silvia Biffignandi DMSIA, University of Bergamo, Bergamo, Italy

Giuseppe Boari Dipartimento di Scienze statistiche, Università Cattolica del Sacro Cuore, Milano, Italy

Andrea Bonanomi Dipartimento di Scienze statistiche, Università Cattolica del Sacro Cuore, Milano, Italy

Stefano Bonnini Department of Economics, University of Ferrara, Ferrara, Italy

Giovanni Boscaïno Dipartimento di Scienze Statistiche e Matematiche “Silvio Vianelli”, Università degli Studi di Palermo, Palermo, Italy

Anne-Laure Boulesteix Biometry and Epidemiology of the Faculty of Medicine, Department of Medical Informatics, University of Munich, Munich, Germany

Giuseppe Bove Dipartimento di Scienze dell’Educazione, Rome, Italy

Riccardo Bramante Department of Statistical Sciences, Catholic University of Milan, Milan, Italy

Gabriele Cantaluppi Dipartimento di Scienze statistiche, Università Cattolica del Sacro Cuore, Milano, Italy
Andrea Capotorti  Dip. Matematica e Informatica, Universitá di Perugia, Perugia, Italy

Carlo Capuano  University of Naples Federico II, Napoli, Italy

Vincenza Capursi  Dipartimento di Scienze Statistiche e Matematiche “Silvio Vianelli”, Universitét degli Studi di Palermo, Palermo, Italy

Paola Cerchiello  Department of Economics and Management, University of Pavia, Lombardy, Italy

M. Chiodi  Dipartimento di Scienze Statistiche e Matematiche “S. Vianelli”, Universitá degli Studi di Palermo, Palermo, Italy

Rosario D’Agata  University of Catania, Catania, Italy

A. D’Alessandro  Istituto Nazionale di Geofisica e Vulcanologia, Centro Nazionale Terremoti, Terremoti, Italy

Livia Dancelli  Department of Quantitative Methods, University of Brescia, Brescia, Italy

Maria Rosaria D’Esposito University of Salerno, Fisciano (SA), Italy

Carlo Drago  University of Naples “Federico II” Complesso Universitario Monte Sant’Angelo via Cinthia, Naples, Italy

Lara Fontanella  University G. d’Annunzio, Chieti-Pescara, Italy

S. Fontanella  University G. d’Annunzio, Chieti-Pescara, Italy

C. Fusilli  University G. d’Annunzio, Chieti-Pescara, Italy

L.A. García-Escudero  Facultad de Ciencias, Universidad de Valladolid, Valladolid, Spain

A. Gordaliza  Facultad de Ciencias, Universidad de Valladolid, Valladolid, Spain

Alessandra Guglielmi  Politecnico di Milano, Milano, Italy

Francesca Ieva  Politecnico di Milano, Milano, Italy

Domenica Fioredistella Iezzi  Tor Vergata University, Rome, Italy

L. Ippoliti  University G. d’Annunzio, Chieti-Pescara, Italy

Antonio Irpino  Dipartimento di Studi Europei e Mediterranei, Seconda Universit degli Studi di Napoli, Caserta, Italy

Valen E. Johnson  University of Texas MD Anderson Cancer Center, Houston, TX, USA

Frank Klawonn  Ostfalia, University of Applied Sciences, Wolfenbüttel, Germany

Rudolf Kruse  Otto-von-Guericke University Magdeburg, Magdeburg, Germany
Francesco Lagona  University Roma Tre, Rome, Italy

Carlo Lauro  University of Naples “Federico II” Complesso Universitario Monte Sant’Angelo via Cinthia, Naples, Italy

Vincent Lemaire  Orange Labs, Lannion, France

Caterina Liberati  Economics Department, University of Milano-Bicocca, Milan, Italy

Eleonora Lorenzini  Department of Economics and Management, University of Pavia, Lombardy, Italy

Pietro Giorgio Lovaglio  Department of Quantitative Methods, University of Bicocca-Milan, Milan, Italy

D. Luzio  Dipartimento di Scienza della Terra e del Mare, Università degli Studi di Palermo, Palermo, Italy

Mario Mastrangelo  Sapienza University, Rome, Italy

C. Matrán  Facultad de Ciencias, Universidad de Valladolid, Valladolid, Spain

Marica Manisera  Department of Quantitative Methods, University of Brescia, Brescia, Italy

Paolo Mariani  Statistics Department, University of Milano-Bicocca, Milan, Italy

Federico Marsich  Trieste, Italy

A. Mayo-Iscar  Facultad de Ciencias, Universidad de Valladolid, Valladolid, Spain

Angelo Mazza  Dipartimento di Economia e Impresa, Università di Catania, Catania, Italy

Paul D. McNicholas  University of Guelph, Guelph, ON, Canada

Alfredo Del Monte  University of Naples Federico II, Napoli, Italy

Isabella Morlini  Department of Economics, University of Modena and Reggio Emilia, Modena, Italy

Riccardo Di Nisio  University G. D’Annunzio, Rome, Italy

Eugenia Nissi  Dipartimento di Economia, Università “G. d’Annunzio” di Chieti-Pescara, Pescara, Italy

Margret-Ruth Oelker  Department of Statistics, University of Munich, Munich, Germany

Biometry and Epidemiology of the Faculty of Medicine, Department of Medical Informatics, University of Munich, Munich, Germany
Akinori Okada  Graduate School of Management and Information Sciences, Tama University, Tama, Japan

Anna Maria Paganoni  Politecnico di Milano, Milano, Italy

Marco Picone  University Roma Tre, Rome, Italy

Marine Service, Ispra, Italy

Antonella Plaia  Dipartimento di Scienze Statistiche e Matematiche “Silvio Vianelli”, Universit degli Studi di Palermo, Palermo, Italy

Mariano Porcu  Dipartimento di Scienze Sociali e delle Istituzioni, Università di Cagliari, Cagliari, Italy

Antonino Punzo  Dipartimento di Economia e Impresa, Universit di Catania, Catania, Italy

Emanuela Raffinetti  Department of Economics, Management and Quantitative Methods, Università degli Studi di Milano, Milano, Italy

Agnese Rapposelli  Dipartimento di Economia, Università “G. d’Annunzio” di Chieti-Pescara, Pescara, Italy

Lidia Rivoli  University of Naples Federico II, Naples, Italy

Luca La Rocca  Dipartimento di Comunicazione e Economia, University of Modena and Reggio Emilia, Reggio Emilia, Italy

Mario Romanazzi  Department of Environmental Science, Informatics and Statistics, Ca’ Foscari University of Venice, Venice, Italy

Elvira Romano  Second University of Naples, Caserta, Italy

David Rossell  Institute for Research in Biomedicine of Barcelona, Barcelona, Spain

Fabrizio Ruggeri  CNR IMATI Milano, Milano, Italy

Luigi Salmaso  Department of Management and Engineering, University of Padova, Vicenza, Italy

Christophe Salperwyck  Orange Labs, Lannion, France

LIFL, Université de Lille 3, Villeneuve d’Ascq, France

Scipione Sarlo  Sapienza University, Rome, Italy

A. Sarra  University G. D’Annunzio, Rome, Italy

Monica Scannapieco  Istat, Rome, Italy

Germana Scepi  University of Naples “Federico II” Complesso Universitario Monte Sant’Angelo via Cinthia, Naples, Italy
Klaus B. Schebesch  Faculty of Economics, Vasile Goldiș, Western University
Arad, Arad, Romania

Gabriella Schoier  Dipartimento di Scienze Economiche Aziendali Matematiche e
Statistiche, Universitá di Trieste, Trieste, Italy

Ricardo Silva  University College London, London, UK

Francesca Solmi  Department of Statistical Sciences, University of Padova,
Padova, Italy

Ralf Stecking  Department of Economics, Carl von Ossietzky University
Oldenburg, Oldenburg, Germany

Domenico De Stefano  University of Trieste, Trieste, Italy

Isabella Sulis  Dipartimento di Scienze Sociali e delle Istituzioni, Universitá di
Cagliari, Cagliari, Italy

Donatello Telesca  University of California, Los Angeles, CA, USA

Venera Tomaselli  University of Catania, Catania, Italy

Hiroyuki Tsurumi  College of Business Administration, Yokohama National
University, Yokohama, Japan

Barbara Vantaggi  Dip. Scienze di Base e Applicate per l’Ingegneria, Universita
La Sapienza, Roma, Italy

Rosanna Verde  Second University of Naples, Naples, Italy

Dipartimento di Studi Europei e Mediterranei, Seconda Universit degli Studi di
Napoli, Caserta, Italy

Maria Prosperina Vitale  University of Salerno, Fisciano (SA), Italy

Giorgio Vittadini  Department of Quantitative Methods, University of Bicocca-
Milan, Milan, Italy

Marika Vezzoli  Department of Quantitative Methods, University of Brescia,
Brescia, Italy

Roland Winkler  German Aerospace Center, Braunschweig, Germany

Angelo Zanella  Dipartimento di Scienze statistiche, Universitá Cattolica del Sacro
Cuore, Milano, Italy

Diego Zardetto  Istat, Rome, Italy

Bruno D. Zumbo  University of British Columbia, Vancouver, BC, Canada