

# Preface

Revised versions of selected papers presented at the Joint Conference of the German Classification Society (GfKI) – 35th Annual Conference – GfKI 2011 – , the German Association for Pattern Recognition (DAGM) – 33rd annual symposium – DAGM 2011 – and the Symposium of the International Federation of Classification Societies (IFCS) – IFCS 2011 – held at the University of Frankfurt (Frankfurt am Main, Germany) August 30 – September 2, 2011, are contained in this volume of “Studies in Classification, Data Analysis, and Knowledge Organization”.

One aim of the conference was to provide a platform for discussions on results concerning the interface that data analysis has in common with other areas such as, e.g., computer science, operations research, and statistics from a scientific perspective, as well as with various application areas when “best” interpretations of data that describe underlying problem situations need knowledge from different research directions.

Practitioners and researchers – interested in data analysis in the broad sense – had the opportunity to discuss recent developments and to establish cross-disciplinary cooperation in their fields of interest. More than 420 persons attended the conference, more than 180 papers (including plenary and semiplenary lectures) were presented. The audience of the conference was very international.

Fifty-five of the papers presented at the conference are contained in this. As an unambiguous assignment of topics addressed in single papers is sometimes difficult the contributions are grouped in a way that the editors found appropriate. Within (sub)chapters the presentations are listed in alphabetical order with respect to the authors’ names. At the end of this volume an index is included that, additionally, should help the interested reader.

The editors like to thank the members of the scientific program committee: D. Baier, H.-H. Bock, R. Decker, A. Ferligoj, W. Gaul, Ch. Hennig, I. Herzog, E. Hüllermeier, K. Jajuga, H. Kestler, A. Koch, S. Krolak-Schwerdt, H. Locarek-Junge, G. McLachlan, F.R. McMorris, G. Menexes, B. Mirkin, M. Mizuta, A. Montanari, R. Nugent, A. Okada, G. Ritter, M. de Rooij, I. van Mechelen, G. Venturini, J. Vermunt, M. Vichi and C. Weihs and the additional reviewers of the proceedings: W. Adler, M. Behnisch, C. Bernau, P. Bertrand, A.-L. Boulesteix,

A. Cerioli, M. Costa, N. Dean, P. Eilers, S.L. France, J. Gertheiss, A. Geyer-Schulz, W.J. Heiser, Ch. Hohensinn, H. Holzmann, Th. Horvath, H. Kiers, B. Lorenz, H. Lukashevich, V. Makarenkov, F. Meyer, I. Morlini, H.-J. Mucha, U. Müller-Funk, J.W. Owsinski, P. Rokita, A. Rutkowski-Ziarko, R. Samworth, I. Schmädecke and A. Sokolowski.

Last but not least, we would like to thank all participants of the conference for their interest and various activities which, again, made the 35th annual GfKI conference and this volume an interdisciplinary possibility for scientific discussion, in particular all authors and all colleagues who reviewed papers, chaired sessions or were otherwise involved. Additionally, we gratefully take the opportunity to acknowledge support by Deutsche Forschungsgemeinschaft (DFG) of the Symposium of the International Federation of Classification Societies (IFCS) – IFCS 2011.

As always we thank Springer Verlag, Heidelberg, especially Dr. Martina Bihn, for excellent cooperation in publishing this volume.

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Ghent, Belgium  
Marburg, Germany

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Algorithms from and for Nature and Life

Classification and Data Analysis

Lausen, B.; Van den Poel, D.; Ultsch, A. (Eds.)

2013, XX, 547 p. 111 illus., Softcover

ISBN: 978-3-319-00034-3