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Preface

This volume contains a selection of papers presented at the Seventh Conference of the International Federation of Classification Societies (IFCS-2000), which was held in Namur, Belgium, July 11–14, 2000. From the originally submitted papers, a careful review process involving two reviewers per paper, led to the selection of 65 papers that were considered suitable for publication in this book.

The present book contains original research contributions, innovative applications and overview papers in various fields within data analysis, classification, and related methods. Given the fast publication process, the research results are still up-to-date and coincide with their actual presentation at the IFCS-2000 conference. The topics captured are:

- Cluster analysis
- Comparison of clusterings
- Fuzzy clustering
- Discriminant analysis
- Mixture models
- Analysis of relationships data
- Symbolic data analysis
- Regression trees
- Data mining and neural networks
- Pattern recognition
- Multivariate data analysis
- Robust data analysis
- Data science and sampling

The IFCS (International Federation of Classification Societies)

The IFCS promotes the dissemination of technical and scientific information concerning data analysis, classification, related methods, and their applications. The IFCS is a federation of the following member societies:

- British Classification Society (BCS)
- Associação Portuguesa de Classificação e Análise de Dados (CLAD)
- Classification Society of North America (CSNA)
- Gesellschaft für Klassifikation (GfKl)
- Japanese Classification Society (JCS)
- Korean Classification Society (KCS)
- Société Francophone de Classification (SFC)
- Società Italiana di Statistica (SIS)
- Sekcja Klasyfikacji i Analizy Danych PTS (SKAD)

- Vereniging voor Ordinatie en Classificatie (VOC)
- Irish Pattern Recognition and Classification Society (IPRCS)

Previous IFCS-conferences were held in Aachen (Germany, 1987), Charlottesville (USA, 1989), Edinburgh (UK, 1991), Paris (France, 1993), Kobe (Japan, 1996), and Rome (Italy, 1998).

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Groningen, Namur, Leiden, Mannheim
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