

Welcome to CARME 2007

This year's conference on Correspondence Analysis and Related MEthods (CARME 2007) will be held at Erasmus University Rotterdam, Rotterdam, The Netherlands from June 25-27, 2007.

The objective of this conference is to spotlight the very latest research in correspondence analysis and discuss future developments. We aim to bring together theoretical and applied researchers in all the areas where correspondence analysis is currently used, notably sociology, psychology, economy, education, ecology, archeology, geology, linguistics, philosophy, genetics, biomedical research, health economics, marketing, and management. Interdisciplinary contributions are particularly welcome.

Historically, CARME has an informal atmosphere that aims at promoting the exchange of ideas and scientific collaboration. As you can see in the program, we have several distinguished invited and contributed speakers. The two keynote presentations will be held by Fionn Murtagh and Wayne DeSarbo.

Previous CARME meetings have resulted in books edited by Michael Greenacre and Jörg Blasius. This time, we have decided that it is better to publish the papers in a special issue of a good quality journal. Therefore, papers containing strong computational statistical or substantive data-analytic elements will be considered for publication in a special peer-reviewed, or regular issue of the journal *Computational Statistics and Data Analysis*. More details on this special issue and the deadlines will be announced soon.

We wish you a fruitful and pleasant CARME 2007!

The program committee, Patrick Groenen, Jörg Blasius, Michael Greenacre, and Michel van de Velden

Sponsors

We would like to thank the financial support given by

- Erasmus Research Institute of Management (ERIM),
- Vereniging Trustfonds Erasmus Universiteit Rotterdam.

Academic support for this meeting is given by

- The IFCS, the International Federation of Classification Societies,
- RC33, the Research Committee on Logic and Methodology of ISA (International Sociological Association),
- *Computational Statistics & Data Analysis*, the Official Journal of the International Association for Statistical Computing.

Topics

Themes of the conference include all forms of correspondence analysis and related fields, including visualisations of categorical data:

- Simple correspondence analysis
- Multiple correspondence analysis
- Joint correspondence analysis
- Multiway correspondence analysis
- Canonical correspondence analysis
- Nonsymmetrical correspondence analysis
- Dual scaling
- Optimal scaling
- Homogeneity analysis
- Multidimensional scaling of categorical data
- Biplots of categorical data
- Visualisation of compositional data
- Correspondence analysis in the social sciences
- Correspondence analysis in ecology and the environmental sciences
- Correspondence analysis in the health sciences
- Correspondence analysis in marketing research and management

Previous conferences

This conference is the fifth in a series of conferences organized every four years on correspondence analysis, multidimensional graphical techniques, and the analysis of large sets of categorical data:

- May 1991: Correspondence Analysis in the Social Sciences, Cologne (Germany)
- May 1995: Visualisation of Categorical Data, Cologne (Germany)
- May 1999: Large Scale Data Analysis, Cologne (Germany)
- July 2003: Correspondence Analysis and Related Methods, Barcelona (Spain)

Organizing Committees

The Local Organizing Committee for this conference comprises

- Patrick J. F. Groenen,
- Michel van de Velden,
- Martijn Kagie,
- Joost vanRosmalen,
- Elli Hoek van Dijke,
- Georgi Nalbantov.

Invited Speakers

- John Gower (Open University, Milton Keynes, UK)
- Fionn Murtagh (University of London, UK)
- Michael Friendly (York University, Toronto, Canada)
- Wayne DeSarbo (Pennsylvania State University, USA)
- Willem Heiser (Leiden University, The Netherlands)
- Antoine de Falguerolles (Université Paul Sabatier, Toulouse, France)
- Ludovic Lebart (École Nationale Supérieure des Télécommunications, Paris, France)
- Gilbert Saporta (Conservatoire National des Arts et Métiers, Paris, France)
- Jérôme Pagès (Agrocampus, Rennes, France)
- Henk Kiers (Groningen University, The Netherlands)

Location

The venue of CARME 2007 is the campus of the Erasmus University Rotterdam, in the M-building at the Woudestein Campus. We will use the rooms Athene (M1-19) and Rochester (M2-10). The registration counter will be close to room Athene on the first floor. A map of the M-building can be found in Figure 1. Each lecture room has a laptop running Windows XP with Powerpoint and Acrobat Reader installed. Overhead projectors are also available. Note that smoking is not allowed anywhere inside the Erasmus University Rotterdam buildings.

About Rotterdam

Rotterdam is the largest port in Europe and is well known for its modern architecture. It can be easily reached by public transport and has a direct rail link with Amsterdam Schiphol Airport. A schematic map of Rotterdam is given in Figure 4.

Travelling by plane

- On arrival at Schiphol Airport (Amsterdam): Take the train to Rotterdam Central Station. This journey takes about one hour.
- On arrival at Rotterdam Airport: Take the Airport Shuttle (Bus 33) to Rotterdam Central Station.

From Rotterdam Central Station, walk to the main entrance and take either the tram or underground (metro):

- Tram 21 in the direction of De Esch (get off at Woudestein).
- Tram 7 in the direction of Woudestein (get off at Woudestein).

- Underground: Take the Erasmuslijn, southbound, towards Spijkenisse, and get off at Beurs (second stop). Then change to the Calandlijn, eastbound, towards Ommoord, Nesselande or Capelle a/d IJssel. Get off at Kralingse Zoom. From here it is a 5-minutes walk to Erasmus University Rotterdam.

A schematic map of the public transport to the Woudestein campus can be found in Figure 2.

Travelling by train or by bus

Trains and buses will take you to Rotterdam Central Station. From there, see the description above.

Travelling by car

The Woudestein campus is situated very near the Van Brienoord bridge. The Van Brienoord bridge is crossed by the A16 motorway. This is where you have to get off motor way A16 (exit 25).

If you come from the south (A16, direction Breda and Antwerp): Keep following the signs Den Haag until you see the signs Capelle a/d IJssel and Rotterdam Centrum. Keep following the direction Rotterdam Centrum and you will see the direction to the university.

If you come from the north (A13) or east (A12/A20): Keep following the direction Dordrecht/A16 until you see the sign Capelle a/d IJssel and Rotterdam Centrum. Keep following the direction Rotterdam Centrum and automatically you will see the direction to the university.

Registration fees

- Before April 30, 2007, early registration fee € 120
- After April 30, 2007, regular registration fee € 150
- Conference dinner € 70 per person

Internet

Internet access is available at the third floor of the T-building (the tall building connected to the M-building, see Figure 3). For each participant, we have a guest account that can be used on any of the available PCs in the PC-rooms and the PC wall. Username and password will be individually distributed. The wireless network of the university is unfortunately only available to students and staff.

Lunch

Lunches can be taken at the university self service restaurant 'De Carrousel' located in the L-building. We have reserved an area for the CARME participants. You are kindly requested to take your lunch items from the counter and pay at the cashier.

Suggestions for Restaurants

Top end restaurants

- De Engel (French): De Eendrachtsweg 19, Centrum, Rotterdam, Phone (010) 413 82 56. Closed on Sundays.
- Harmonie (French): Westersingel 95, Centrum, Rotterdam, Phone (010) 436 36 10. Closed on Sundays.
- La Vilette (French, 1 Michelin star): Westblaak 160, Centrum, Rotterdam, Phone (010) 414 86 92. Closed on Sundays.
- Parkheuvel (French, 1 Michelin star): Heuvellaan 21, Scheepvaartkwartier, Rotterdam, Phone (010) 436 07 66. Closed on Sundays.

Mid to high range restaurants

- Bloom (French): Nieuwe Binnenweg 153, Centrum, Rotterdam, Phone (010) 212 07 87. Closed on Mondays.
- De Loft (Fusion): Van Vollenhovenstraat 15, Scheepvaartkwartier, Rotterdam, Phone (010) 241 75 06. Open all week.
- Dewi Sri (Indonesian): Westerkade 20, Scheepvaartkwartier, Rotterdam, Phone (010) 436 02 63. Open all week.
- Fugu (Japanese): Van Vollenhovenstraat 15 Unit 9, Scheepvaartkwartier, Rotterdam, Phone (010) 436 09 27. Open all week.
- Happy Sushi (Japanese/Sushi): Kruisplein 42, Centrum, Rotterdam, Phone (010) 43 34 730. Open all week.
- Hotel New York (International): Koninginnenhoofd 1, Zuid, Rotterdam, Phone (010) 439 05 00. Open all week.
- In den Rustwat (French): Honingerdijk 96, Kralingen/Crooswijk, Rotterdam, Phone (010) 413 41 10. Closed on Sundays and Mondays.
- King's Garden (Chinese): Westersingel 1, Centrum, Rotterdam, Phone, (010) 436 66 33. Open all week.
- Kip (French): Van Vollenhovenstraat 25, Scheepvaartkwartier, Rotterdam, Phone (010) 436 99 23. Open all week.
- La Stanza (Italian): Van Vollenhovenstraat 19, Scheepvaartkwartier, Rotterdam, Phone (010) 277 14 14. Open all week.
- Loos (French): Westplein 1, Scheepvaartkwartier, Rotterdam, Phone (010) 411 77 23. Open all week.

- O'Pazzo (Italian): Mariniersweg 90, Centrum, Rotterdam, Phone (010) 282 71 07. Open all week.
- Prachtig (International): Willemsplein 73/79 Scheepvaartkwartier, Rotterdam, Phone (010) 411 53 21. Open all week.
- Rosso (Mediterranean): Van Vollenhovenstraat 15, Scheepvaartkwartier, Rotterdam, Phone (010) 225 07 05. Closed on Sundays.
- Warisan (Thai): Westerkade 20, Scheepvaartkwartier, Rotterdam, Phone (010) 436 05 17. Closed on Mondays.
- Zeezout (Fish): Westerkade 11b, Scheepvaartkwartier, Rotterdam, Phone (010) 436 50 49. Closed on Sundays and Mondays.

Map Erasmus Expo and Congress centre (M-building)

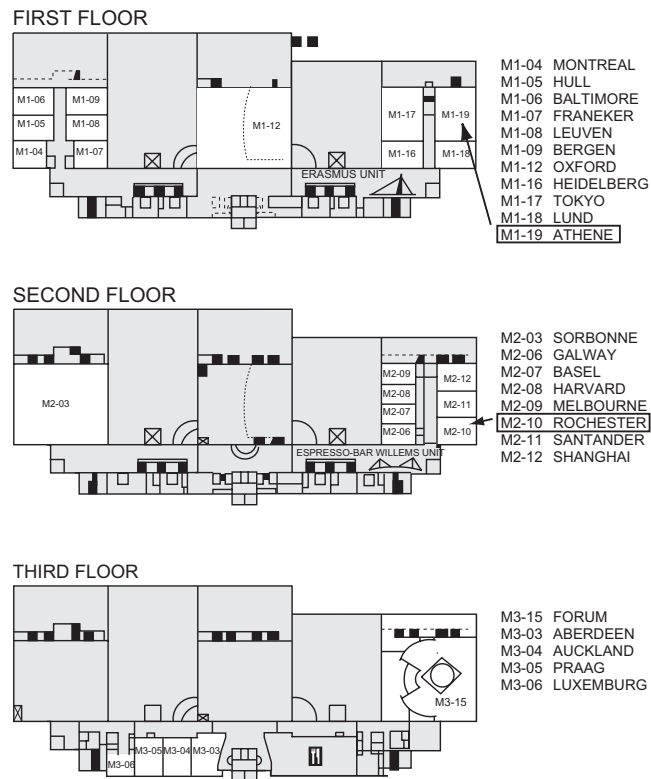


Figure1. Map of M-building.

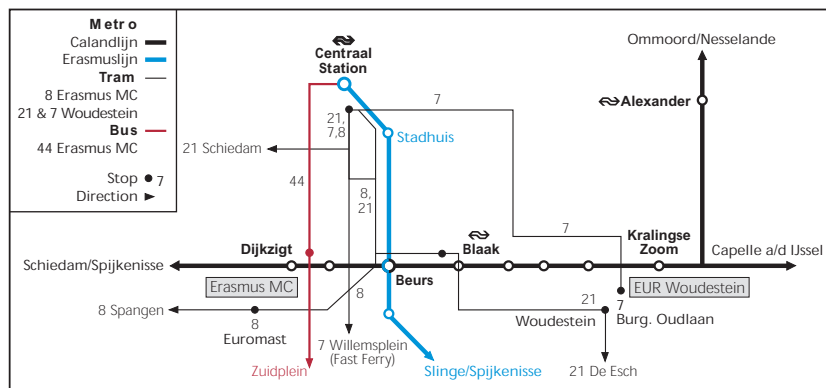


Figure2. Schematic map of public transport.

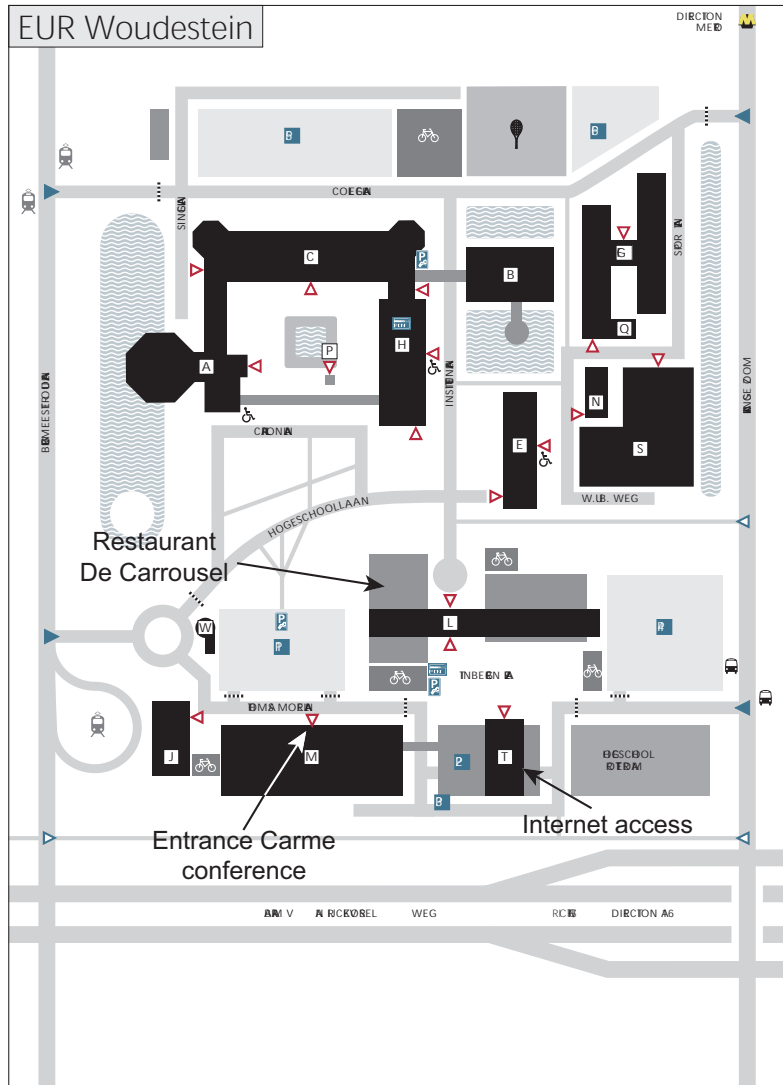


Figure3. Map of Woudestein campus.

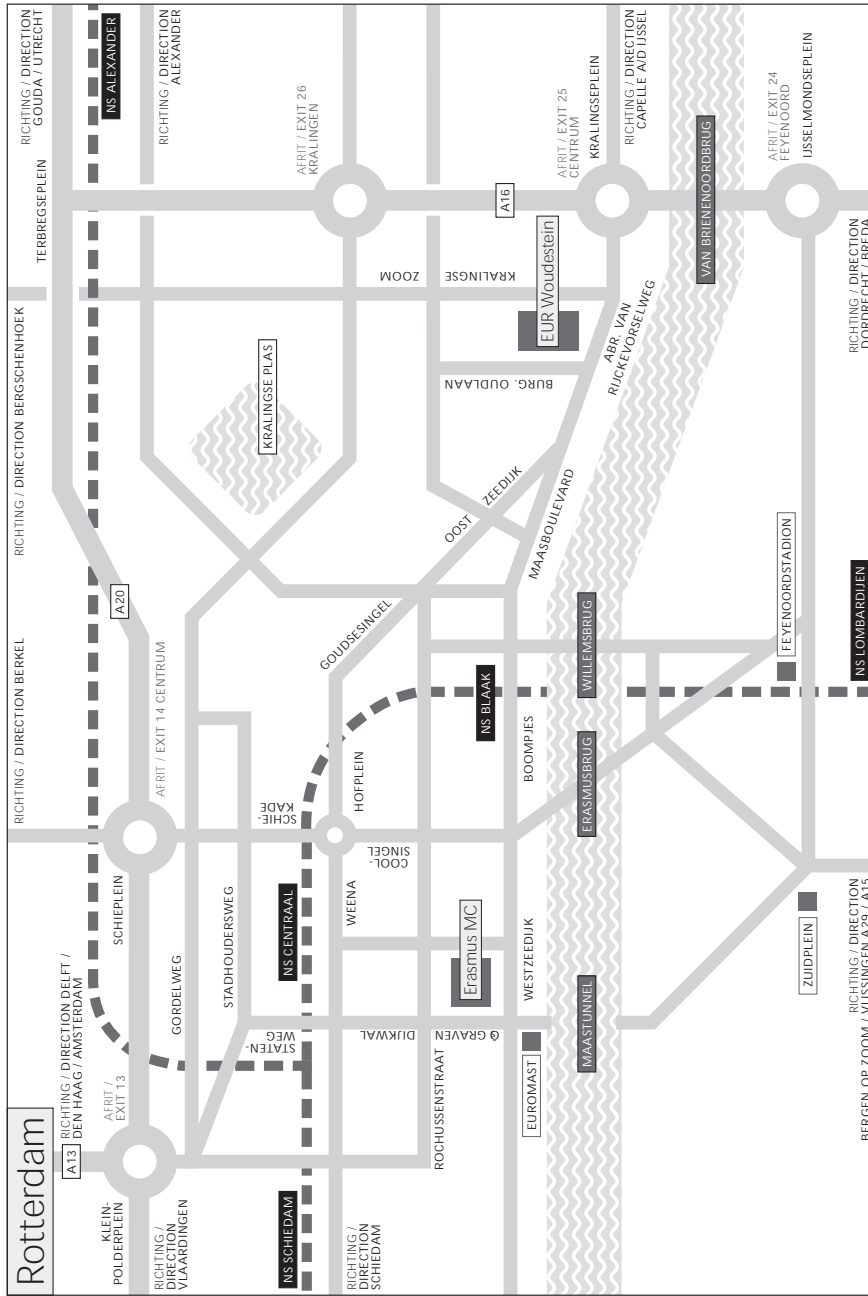


Figure4. Schematic map of Rotterdam.

Part II

Program

Program Monday June 25, 2007

| Time | Room: Athene, M1-19 | Room: Rochester, M2-10 |
|-------------|--|--|
| 09:00–10:00 | <i>Registration</i> | |
| 10:00–10:15 | Conference opening by Franses and Groenen | |
| 10:15–11:00 | Keynote Speaker: Murtagh, Chair: Groenen | |
| 11:00–11:30 | <i>Coffee break</i> | |
| | Contributed Session 1: Biplot, Chair: Gower | Contributed Session 2: Analysis of contingency tables with ordi- nal variables, Chair: d’Ambra |
| 11:30–11:55 | Adachi | Camminatiello and Lombardo |
| 11:55–12:20 | Gardner-Lubbe et al. | Lombardo and Beh |
| 12:20–12:45 | Van de Velden et al. | Beh et al. |
| 12:45–14:15 | <i>Lunch</i> | |
| | Invited Speakers Session, Chair: Blasius | |
| 14:15–14:50 | Lebart | |
| 14:50–15:25 | Blasius, Eilers, and Gower (presenter Gower) | |
| 15:25–15:55 | <i>Tea break</i> | |
| | Contributed Session 3: Statisti- cal modelling, Chair: Eilers | Contributed Session 4: Factor analytical models, Chair: Pagès |
| 15:55–16:20 | Vermunt | Abascal et al. |
| 16:20–16:45 | Van Rosmalen et al. | Ben Ammou and Kacem |
| 16:45–17:10 | Lewi et al. | Linting |
| 17:10–17:35 | Ter Braak and Kourmpetis | Heij et al. |
| 17:45–18:45 | <i>Drinks</i> | |

Program Tuesday June 26, 2007

| Time | Room: Athene, M1-19 | Room: Rochester, M2-10 |
|-------------|---|--|
| | Invited Speakers Session, Chair: DeSarbo | |
| 09:00–09:35 | Kiers | |
| 09:35–10:10 | de Falguerolles | |
| 10:10–10:40 | <i>Coffee break</i> | |
| | Contributed Session 5: Multidimensional scaling; Chair: Heiser | Contributed Session 6: Social science applications, Chair: Gardner-Lubbe |
| 10:40–11:05 | Van Eck and Waltman | El-Menouar and Fritz |
| 11:05–11:30 | De Rooij | Hajji |
| 11:30–11:55 | Kagie et al. | Roose |
| 11:55–12:20 | Läge and Ryf | Konig |
| 12:20–12:45 | Carvalho and Viegas Ferreira | Skoland |
| 12:40–14:00 | <i>Lunch</i> | |
| | Contributed Session 7: CA methodology I, Chair: Van de Velden | Contributed Session 8: Applications of dimension reduction methods, Chair: de Falguerolles |
| 14:00–14:25 | Aşan and Şentürk | Mühlichen et al. |
| 14:25–14:50 | Rodríguez | Korneliussen |
| 14:50–15:15 | Lorenzo-Seva et al. | de Tibeiro et al. |
| 15:15–15:40 | Allard et al. | Casanova del Angel |
| 15:40–16:15 | <i>Poster Session</i> | |
| | Barış and Er, Er, Eryılmaz and Er, Flebus, Şentürk and Aşan, Sönmez, Terlemez | |
| 16:15–16:30 | <i>Tea break</i> | |
| | Invited Speakers Session, Chair: Kiers | |
| 16:30–17:05 | Heiser | |
| 17:05–17:30 | Friendly | |

Program Wednesday June 27, 2007

| Time | Room: Athene, M1-19 | Room: Rochester, M2-10 |
|-------------|--|--|
| | Invited Speakers Session, Chair: Friendly | |
| 09:00–09:35 | Pagès et al. | |
| 09:35–10:10 | Giordano and Saporta | |
| 10:10–10:40 | <i>Coffee break</i> | |
| | Contributed Session 9: Classification and modelling, Chair: De Rooij | Contributed Session 10: Geometric data analysis I, Chair: Le Roux |
| 10:40–11:05 | Akküçük and Carroll | Lebaron |
| 11:05–11:30 | Ciampi et al. | Börjesson and Broady |
| 11:30–11:55 | Nalbantov et al. | Hjellbrekke and Korsnes |
| 11:55–12:20 | Lam and Koning | Warde et al. |
| 12:20–12:45 | Greenacre | |
| 12:45–14:00 | <i>Lunch</i> | |
| | Contributed Session 11: CA methodology II, Chair: Lebart | Contributed Session 12: Geometric data analysis II, Chair: Rouanet |
| 14:00–14:25 | Flebus | Rosenlund |
| 14:25–14:50 | Rovan et al. | Lidegran |
| 14:50–15:15 | Balbi and Misuresa | Darin |
| 15:15–15:40 | Graeff and Blasius | Le Hay et al. |
| 15:40–16:10 | <i>Tea break</i> | |
| 16:10–16:55 | Keynote Speaker: DeSarbo, Chair: Greenacre | |
| 16:55–17:05 | Closing Session | |
| 17:05–19:00 | Individual travel to Euromast | |
| 19:00–23:00 | Conference dinner at Euromast | |

Academic Program, Monday June 25, 2007

09:00–10:00 *Registration* at the first floor in the M-building

Opening:

Room: Athene, M1-19, Chair: Patrick Groenen

10:00–10:15 Prof. dr. Philip Hans Franses, dean of the Erasmus School of Economics, Erasmus University Rotterdam

Keynote Speaker: Fionn Murtagh

Room: Athene, M1-19, Chair: Patrick Groenen

10:15–11:00 *Fionn Murtagh:*

Correspondence analysis, a tale of three metrics

Contributed Session 1: Biplot

Room: Athene, M1-19, Chair: John Gower

11:30–11:55 *Kohei Adachi:*

A least-squares algorithm for the unit-length vector MDS model and its nonmetric variant

11:55–12:20 *Sugnet Gardner-Lubbe, Patrick Groenen, Anthony la Grange, and Niël le Roux:*

Unfolding in the construction of nonlinear biplot trajectories

12:20–12:45 *Michel van de Velden, Patrick Groenen, and John Gower:*

Area biplots

Contributed Session 2: Analysis of contingency tables with ordinal variables

Room: Rochester, M2-10, Chair: Luigi d'Ambra

11:30–11:55 *Ida Camminatiello and Rosaria Lombardo:*

A generalization of CATANOVA method for ordinal-scale variables

11:55–12:20 *Rosaria Lombardo and Eric Beh:*

Simple and multiple correspondence analysis using orthogonal polynomials

12:20–12:45 *Eric Beh, Luigi D'Ambra, and Biagio Simonetti:*

Ordinal correspondence analysis based on cumulative chi-squared test

Invited Speakers Session:

Room: Athene, M1-19, Chair: Jörg Blasius

14:15–14:50 *Ludovic Lebart:*

Correspondence analysis and SOM

14:50–15:25 *Jörg Blasius, Paul Eilers and John Gower*:*

Enhanced biplots

Contributed Session 3: Statistical modelling

Room: Athene, M1-19, Chair: Paul Eilers

15:55–16:20 *Jeroen Vermunt:*

A comparison of dimensionality assessment and graphical display methods for sets of categorical variables

16:20–16:45 *Joost van Rosmalen, Hester van Herk, and Patrick Groenen:*

Modeling response styles in cross-cultural research: A latent-class bilinear multinomial logit model

16:45–17:10 *Paul Lewi, Luc Wouters, Luc Bijmans, Rudi Verbeek, and Hinrich Göhlmann:*

Spectral map analysis/weighted log-ratio analysis of DNA microarray data

17:10–17:35 *Cajo ter Braak and Yiannis Kourmpetis:*

Approximating a square matrix by a latent class model

Contributed Session 4: Factor analytical models

Room: Rochester, M2-10, Chair: Jérôme Pagès

15:55–16:20 *Elena Abascal, Ignacio Lautre, and Fermín Mallor:*

Evolution analysis and stability in a bicriteria clustering problem

16:20–16:45 *Salwa Ben Ammou and Zied Kacem:*

A combined approach using wavelets and PCA methods

16:45–17:10 *Marielle Linting:*

Permutation tests in linear and nonlinear PCA

17:10–17:35 *Christiaan Heij, Patrick Groenen, and Dick van Dijk:*

Principal components and covariates: Time series forecasting and biplot representations

Academic Program, Tuesday June 26, 2007

Invited Speaker Session:

Room: Athene, M1-19, Chair: Wayne DeSarbo

09:00–09:35 *Henk Kiers and Patrick Groenen:*

Visualizing dependence of bootstrap confidence intervals for methods yielding spatial configurations

09:35–10:10 *Antoine de Falguerolles:*

A tour of Paris guided by statistical albums

Contributed Session 5: Multidimensional scaling

Room: Athene, M1-19, Chair: Willem Heiser

10:40–11:05 *Nees Jan van Eck and Ludo Waltman:*

Applying ideas from homogeneity analysis to visualize similarity data

11:05–11:30 *Mark de Rooij:*

Slide-vector models for multiple groups in continuous time

11:30–11:55 *Martijn Kagie, Michiel van Wezel, and Patrick Groenen:*

A graphical shopping interface based on multidimensional scaling

11:55–12:20 *Damian Läge and Stefan Ryf:*

Joint spaces for preferential data: Combining multidimensional scaling with robust Procrustean transformations

12:20–12:45 *Helena Carvalho and Eduardo Viegas Ferreira:*

Rates of crime and social, economic, and institutional indicators – exploring by optimal scaling

Contributed Session 6: Social science applications

Room: Rochester, M2-10, Chair: Sugnet Gardner-Lubbe

10:40–11:05 *Yasemin El-Menouar and Martin Fritz:*

Value differences within Turkey: An application of correspondence analysis

11:05–11:30 *Rahim Hajji:*

Turkish youth in the focus of German social science

11:30–11:55 *Henk Roose:*

Concert hall or living room? Exploring the differences in the social structuring of private and public music consumption

11:55–12:20 *Ruben Konig:*

Analyzing trends with multiple and joint correspondence analysis: the case of the supporters of Dutch broadcasting associations from 1979 to 2005

12:20–12:45 *Kathrine Skoland:*

Perceptions of work conditions in the oil industry

Contributed Session 7: CA methodology I

Room: Athene, M1-19, Chair: Michel Van de Velden

14:00–14:25 *Zerrin Aşan and Sevil Şentürk:*

An application of fuzzy sets and correspondence analysis for transforming continuous data into categorical

14:25–14:50 *Oldemar Rodríguez:*

Correspondence analysis for symbolic multi-valued variables

14:50–15:15 *Urbano Lorenzo-Seva, Michel van de Velden, and Henk Kiers:*

Oblique rotation in correspondence analysis: When the visual inspection of the spatial map of categories does not help

15:15–15:40 *Jacques Allard, Vartan Choulakian and Biagio Simonetti:*

Multiple taxicab correspondence analysis of dichotomous items

Contributed Session 8: Applications of dimension reduction methods

Room: Rochester, M2-10, Chair: Antoine de Falguerolles

14:00–14:25 *Andreas Mühlichen, Andreas Barth, and Hartmut Pollmann:*

Assessing participation restrictions in patients with diabetes mellitus using CatPCA

14:25–14:50 *Tor Korneliussen:*

Mapping nordic management scholars use of research methodologies: An application of biplot

14:50–15:15 *Jules de Tibeiro, Lionel Dionne, and Linjun Zhang:*

Multiple correspondence analysis used complementary to agglomerative hierarchical clustering in a survey on leader-member exchange

15:15–15:40 *Francisco Casanova del Angel:*

Factorial analysis model, case: Corrosion of structural shapes exposed to the atmosphere

Poster Session

15:40–16:15

– *Gülfidan Barış and Fikret Er:*

Applications of correspondence analysis in marketing research

– *Fikret Er:*

A categorical data analysis of Turkish Super Football League for 2005-2006

– *Halil Eryılmaz and Fikret Er:*

An exploratory spatial data analysis of earthquake data

15:40–16:15

- *Giovanni Flebus*:
An iterative procedure to construct measurement scales for social sciences using CA-optimal scaling and factor analysis
- *Sevil Şentürk and Zerrin Aşan*:
Categorization of attitude and demographic variables using fuzzy sets and correspondence analysis
- *Harun Sönmez*:
Statistical investigation of alcohol consumption of university students by log-linear models
- *Levent Terlemez*:
A fuzzy clustering for members of European Union with candidate countries

Invited Speakers Session:

Room: Athene, M1-19, Chair: Henk Kiers

16:30–17:05 *Willem Heiser* and Matthijs Warrens*:

Horseshoe effects in multiple correspondence analysis: Distance transformations that let them disappear

17:05–17:30 *Michael Friendly*:

HE plots and reduced-rank displays for multivariate linear models

Academic Program, Wednesday June 27, 2007

Invited Speakers Session:

Room: Athene, M1-19, Chair: Michael Friendly

09:00–09:35 *Jérôme Pagès*, Sébastien Lê, and François Husson*:

Analysis of quantitative and categorical variables by multiple factor analysis

09:35–10:10 *Giuseppe Giordano and Gilbert Saporta**:

The response surface as explorative tool in multiple correspondence analysis

Contributed Session 9: Classification and modelling

Room: Athene, M1-19, Chair: Mark De Rooij

10:40–11:05 *Ulaş Akküçük and J. Douglas Carroll*:

Nonlinear mapping using the modified PARAMAP approach

11:05–11:30 *Antonio Ciampi, A. González-Marcos, Manuel Castejón-Limas and Yves Lechevallier*:

Comparison of two methods for simultaneous clustering of rows and columns of a data matrix: Application to web data

- 11:30–11:55 *Georgi Nalbantov, Patrick Groenen, and Jan Cor Bioch:*
Nearest convex hull classification in the multi-category case
- 11:55–12:20 *Kar Yin Lam and Alex Koning:*
Confidence intervals for Crombach's alpha in correspondence analysis
- 12:20–12:45 *Michael Greenacre:*
Power transformations in correspondence analysis

Contributed Session 10: Geometric data analysis I

Room: Rochester, M2-10, Chair: Brigitte Le Roux

- 10:40–11:05 *Frederic Lebaron:*
About Bourdieu's geometric modelling of data
- 11:05–11:30 *Mikael Börjesson and Donald Broady:*
Swedish students in Paris: Social origin, educational careers and transnational investments
- 11:30–11:55 *Johs. Hjellbrekke and Olav Korsnes:*
Social capital in the Norwegian field of power
- 11:55–12:20 *Alan Warde, Mike Savage, Brigitte Le Roux, and Henry Rouanet:*
Consumption and cultures of class in Britain, 2003

Contributed Session 11: CA methodology II

Room: Athene, M1-19, Chair: Ludovic Lebart

- 14:00–14:25 *Giovanni Flebus:*
An index to ascertain questionnaire response consistency based on the Guttman effect
- 14:25–14:50 *Jože Rován, Vilma Urbancic-Rovan, and M. Slak:*
A new analytical insight into the screening procedures data
- 14:50–15:15 *Simona Balbi and Michelangelo Misuresa:*
Choosing a proper metric for textual analysis
- 15:15–15:40 *Peter Graeff and Jörg Blasius:*
Analyzing macro-sociological data by means of correspondence analysis and related methods

Contributed Session 12: Geometric data analysis II

Room: Rochester, M2-10, Chair: Henry Rouanet

14:00–14:25 *Lennart Rosenlund:*

Structural homologies in the study of lifestyles and social differentiation: an exercise in geometric data analysis

14:25–14:50 *Ida Lidégran:*

Educational trajectories in a region dominated by the academia

14:50–15:15 *Karin Darin:*

Self-employment among social groups in the cultural industry in Sweden

15:15–15:40 *Viviane Le Hay, Jean Chiche, and Flora Chanvri:*

The political space of the French electorate on the eve of the presidential elections (2007): Geometric data analysis applied to the “Baromètre Politique Français”

Keynote Speaker: Wayne DeSarbo

Room: Athene, M1-19, Chair: Michael Greenacre

16:10–16:55 *Wayne DeSarbo, A. Selin Atalay, and David LeBaron:*

On the estimation of segment level multiple ideal points from context dependent dominance data