4th LCSR Summer School
“Categorical Data Analysis: Loglinear models, Latent Variables, SEMs, Analyzing Change, Survey Complexities”

June 29 - July 12, 2014
Resort Hotel GELIOS (Zelenogorsk, St.Petersburg)

June 29
Participants arrival

Week 1, June 30 – July 4, 2014

8.30 – 9.30  Breakfast
9.30 – 11.00 Lecture of main course: “Categorical Data Analysis”
   **Lecturer:** Jacques Hagenaars, **Tilburg University**

11.00 -11.15 Coffee-break

11.15- 13.15 Practical session on main course: “Categorical Data Analysis”
   **Lecturer:** Jacques Hagenaars, **Tilburg University**
   Assistant: Zsuzsa Bakk, PhD student Tilburg University

13.15 -14.15 Lunch

14.30 – 16.30 LCSR workshop sessions

16.30 – 17.00 Coffee-break

17.00 – 18.30 Additional course on
   “Political support and Democratic Values in cross-national perspective” (5 lectures)
   **Lecturer:** Hans-Dieter Klingemann, **WZB (Berlin)**

19.30 – 20.00 Dinner

20.00-24.00 Volleyball / swimming / dancing / free time
Week 2, July 7 – July 4, 2014

8.30 – 9.30 Breakfast
9.30 – 11.00 Lecture of main course: “Categorical Data Analysis”
   **Lecturer: Jacques Hagenaars, Tilburg University**

11.00 -11.15 Coffee-break

11.15- 13.15 Practical session on main course: “Categorical Data Analysis”
   **Lecturer: Jacques Hagenaars, Tilburg University**
   Assistant: Zsuzsa Bakk, PhD student Tilburg University

13.15 -14.15 Lunch

14.30 – 16.30 LCSR workshop sessions

16.30 – 17.00 Coffee-break

17.00 – 18.30 Additional course on
   “Modernization and Cultural Change” (3 lectures)
   **Lecturer: Ronald Inglehart (University of Michigan, LCSR HSE)**
   Additional course on
   “Changes in attitudes and religiosity: how to measure them” (2 master classes)
   **Lecturer: Malina Voicu, (GESIS, Cologne)**

19.30 – 20.00 Dinner

20.00-24.00 Volleyball / swimming / dancing / free time
Courses descriptions

1. Course on “Categorical Data Analysis: Loglinear models, Latent Variables, SEMs, Analyzing Change, Survey Complexities” by J. Hagenaars
   1) Lecture 1. Categorical variables and general basic concepts
   2) Lecture 2. Loglinear modeling; testing and estimation
   3) Lecture 3. Loglinear modelling; ordinal and interval variables; sparse tables
   4) Lecture 4. Logit models
   5) Lecture 5. Categorical SEM
   6) Lecture 6. Latent class (measurement) model; basic model
   7) Lecture 7. Variants of Latent structure models: Categorical SEM with latent variables
   8) Lecture 8. Applications; Changes over Time; Survey complexities
   9) Working on your own model
   10) Finalizing your own model; Presenting your own model

2. Course on “Political support and Democratic Values in cross-national perspective” by H.D. Klingemann
   a. Lecture 1. The Current State of Political Science: Where do we come from and where do we go? Developments in Political Science since 1990
   b. Lecture 2. Political Support: A key concept linking political theory and empirical research: Easton’s theory of political support
   c. Lecture 3. Political Representation: The psychological dimension
   d. Lecture 4. Legitimacy: Is there a legitimacy crisis of representative democracy? What do we know and don’t?

3. Course on “Modernization and Cultural Change” by R. Inglehart:
   a. Lecture 1. Evolutionary Modernization and Cultural Change
   b. Lecture 2. Modernization, Secularization and Human Happiness
   c. Lecture 3. Modernization and World Peace

4. Course on “Changes in attitudes and religiosity: how to measure them” by M. Voicu:
   a. Master class 1: How to measure attitudes and trace changes in them
   b. Master class 2: How to measure religiosity