

Psychoco – International Workshop on Psychometric Computing

February 18–19, 2016

Université de Liège, Belgium

Sponsors:

Belgian
Society

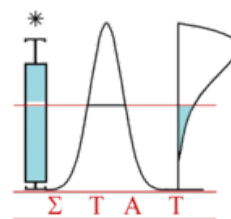


Statistical

Université de Liège



InterUniversity Attraction
Pole (IAP) on Statistics



Belgian Science Policy
Office



Program:

Thursday, February 18

13:00 *Coffee*

13:45 *Welcome*

14:00 Stijn Verdonck, Kristof Meers, Francis Tuerlinckx Simulation-Based Inference through GPUs for Nonlinear Dynamical Models

14:45 Jonas Haslbeck, Lourens Waldorp Structure Estimation for Mixed Graphical Models in High-Dimensional Data

Coffee break

15:55 Alexandra Sarafoglou

16:20 Thorben Huelmann

How to Analyze Log Linear Models the Bayesian Way
Possibilities of the Rule Space Method in Large Scale Assessments

16:45 Norman Verhelst

Profile Analysis: A Complementary Way of Reporting Results in Large Assessments

17:10 Achim Zeileis

A One for All Exams Generator: Written Exams, Online Tests, and Live Quizzes with R

Dinner (Les Princes Evêques, Place de la République Française 41)

Friday, February 19

9:00	Duanli Yan, David Magis	Computerized Adaptive and Multi-Stage Testing with R
9:45	Jill-Jënn Vie	A Framework for Comparing Models for Adaptive Testing
10:10	Vahid Nassiri, Aniko Lovik, Geert Molenberghs, Geert Verbeke, An Katrien Sodermans	A Simple Procedure for Multilevel Explanatory Factor Analysis: BFI with Family Data Case Study

Coffee break

11:20	Ruggero Bellio, Ioannis Kosmidis, Nicola Sartori	Fixed-Effects Estimation of 2PL Models in R
11:45	Michel Philipp, Carolin Strobl, Jimmy de la Torre, Achim Zeileis	On the Estimation of Standard Errors in Cognitive Diagnosis Models
12:10	Florian Wickelmaier	Using Multinomial Processing Tree (MPT) Models to Estimate Parameters in Probabilistic Knowledge Structures
12:35	Niels Smits	Stochastic Curtailment Using the Isotonic Sequential Regression Model

Lunch break

14:30	Rudolf Debelak, Ulrich S. Tran	The Effects of Different Smoothing Algorithms on the Assessment of Dimensionality of Ordered Categorical Variables in R
14:55	Marjolein Fokkema, Achim Zeileis, Niels Smits, Torsten Hothorn, Henk Kelderman	glmertree: Recursive Partitioning Based on (Generalized) Linear Mixed Models
15:20	Leonard Vanbrabant	Restriktor: An R Package for Constrained Estimation and Statistical Inference
15:45	Henk Kelderman, Rajan Felisco	Varying Coefficient Common Factor Models

Coffee break

Dinner
