



## Psychoco 2014

### International Workshop on Psychometric Computing

February 13-14, 2014

University of Tuebingen, Germany

#### Thursday, February 13

14:00	<i>Welcome</i>	
14:15	Harald Baayen	Generalized Additive Mixed Models
15:00	Cyrus Shaoul	NDL: An R Package for Large-Scale Naive Discriminative Learning
15:30	Fritz Günther	Implementing Latent Semantic Analysis Functions in R
16:00	Ulrike Schneider	Predicting the 'Chunkiness' of Sequences in Spoken English. An Application of CART Trees and Random Forests in Psycholinguistics
16:30	<i>Coffee break</i>	
17:00	Jürgen Heller	Non-Identifiability in Probabilistic Knowledge Structures and Cognitive Diagnostic Models
17:30	Yves Rosseel	Old and New Approaches for Analyzing Categorical Data in a SEM Framework
18:00	Sacha Epskamp	semPlot: Unified Visualizations of Structural Equation Models
18:30	Claudia D. van Borkulo	Fitting Like a Glove: A New Method for Constructing Networks for Psychometric Data
20:00	<i>Dinner (Wurstküche)</i>	

#### Friday, February 14

09:30	Peter van Rijn	Estimation of Speed-Accuracy Response Models: Positive Scoring Rules for Easy Tests
10:00	Philipp Doebler	Item Characteristic Curve Poisson Counts Models
10:30	<i>Coffee break</i>	
11:00	Georg Hosoya	A Maximum Entropy Framework for IRT Modeling
11:30	David Magis	Recent Advances and Improvements in Computerized Adaptive Testing with the R Package catR
12:00	Andries van der Ark	R Package cmm: Categorical Marginal Models
12:30	Giuseppe Casalicchio	Boosting (Ordinal) Bradley-Terry Models with Implicit Variable Selection
13:00	<i>Lunch break</i>	
14:30	Achim Zeileis	Parties, Models, Mobsters: A New Implementation of Model-Based Recursive Partitioning in R
15:00	Hannah Frick	To Split or to Mix? Uncovering Group Structures with Trees and Finite Mixture Models
15:30	Julia Kopf	Anchor Methods for DIF Detection in the Rasch Model
16:00	Michel Philipp	Score-Tests for Detecting Differential Item Functioning in Cognitive Diagnosis Models
16:15	<i>Coffee</i>	