

Schedule 1st Symposium on Classification Methods in the Social and Behavioral Sciences, October 17, 2019, Tilburg University	
08:30 – 09:00	Reception
09:00 – 09:05	Opening
09:05 – 10:35	Session 1: <ul style="list-style-type: none"> • Marieke Timmerman (<i>University of Groningen</i>): Mixture modelling of multivariate and / or longitudinal data: Arriving at insightful representations • Anja Ernst (<i>University of Groningen</i>): Clustering multivariate time series • Hanneke van der Hoef (<i>University of Groningen</i>): Selecting the number of clusters: Current practice and challenges
10:35 – 11:00	Coffee break
11:00 – 12:30	Session 2: <ul style="list-style-type: none"> • Kim De Roover (<i>Tilburg University</i>): A mixture of factor analyzers for capturing measurement non-invariance within groups • Leonie Vogelsmeier (<i>Tilburg University</i>): Latent Markov factor analysis for exploring measurement model changes over time • Peter Edelsbrunner (<i>ETH Zürich</i>): Model Selection Criteria for Latent Transition Analyses: A Field-Specific Monte Carlo Simulation-Study for Educational Research
12:30 – 13:30	Lunch break
13:30 – 15:00	Session 3: <ul style="list-style-type: none"> • Eva Ceulemans (<i>KU Leuven</i>): Kernel change point detection on the running statistics: A flexible, comprehensive and userfriendly tool • Gnette Lafit (<i>KU Leuven</i>): An approach to study qualitative differences in within-person dynamics using convex clustering • Nenke Dijkstra (<i>Erasmus University Rotterdam</i>): A Censored Mixture Model for Modelling Risk Behaviour
15:00 – 15:30	Coffee break
15:30 – 17:00	Session 4: <ul style="list-style-type: none"> • Katrijn Van Deun (<i>Tilburg University</i>): Finding the hidden link: Sparse common component analysis • Shuai Yuan (<i>Tilburg University</i>): A novel variable selection methods in K-means clustering based on Sparse Principal Component Analysis • Joost Agelink van Rentergem (<i>University of Amsterdam</i>): Heterogeneity in autism: How to deal with it? A systematic review
17:00 – 18:00	Drinks