

„Dependent data in social sciences research: Forms, issues, and methods of analysis "

December 6-7, 2013

Friedrich-Alexander-Universität (FAU) Erlangen-Nürnberg,

Room A 401, Bismarckstr. 1, 91054 Erlangen

	<b><i>Friday, December 6</i></b>
	<b>Morning Sessions 9:15 - 13:00</b>
	<b><i>Welcoming I</i></b>
9:00 - 9:15	Mark Stemmler Organizer
Session I	<b><i>Statistical Models of Dependent Data I 9:15 - 11:00</i></b>
9:15 - 10:00	<i>Granger causality models for metric and categorical data</i>  Alexander von Eye, Wolfgang Wiedermann & Ingrid Koller (Michigan State University, USA & University of Vienna, Austria)
10:00 - 10:45	<i>Bayesian Random Intercept Factor Models for the Analysis of Twin Data</i>  Phil Wood (University of Missouri, Columbia, USA)
10:45 - 11:15	Coffee Break
Session II	<b><i>Statistical Models of Dependent Data II 11:30 - 13:00</i></b>
11:15 - 12:00	<i>Significance tests to determine the direction of effects in linear regression models</i>  Wolfgang Wiedermann & Alexander von Eye (University of Vienna, Austria & Michigan State University, USA)
12:00 - 12:45	<i>Econometric modeling of cross-section dependence</i>  Harry Haupt (University of Passau, Germany)
12:45 - 14:30	Lunch Break

	<b><i>Friday, December 6</i></b>
14:30 - 16:00	<b>Afternoon Sessions 14:30 - 18:00</b>
Session III	<b><i>Item Response Theory and Dependency I</i></b> <b>14:30 - 16:00</b>
14:30 - 15:15	<i>Item-specific retest effects and the measurement of change</i>  Ryan Bowles (Michigan State University, USA)
15:15 - 16:00	<i>IRT models for dependent inter- and intraindividual data: Quasi-exact tests for the investigation of some pre-conditions for measuring change</i>  Ingrid Koller & Judith Glück (University of Vienna & Alpen Adria University Klagenfurt, Austria)
16:00 - 16:30	Coffee Break
Session IV	<b><i>Item Response Theory and Dependency II</i></b> <b>16:30 - 18:00</b>
16:30 - 17:15	<i>Dyadic data analysis with items response models</i>  Rainer Alexandrowicz (Alpen Adria University Klagenfurt, Austria)
17:15 - 18:00	<i>Measuring Competencies across the Lifespan – Challenges of Linking Test Scores</i>  Steffi Pohl (Free University Berlin, Germany)
18:00	Visit of the <i>Erlanger Wald Christkindles Markt</i>

<b>Saturday, December 7</b>	
	<b>Morning Sessions 8:30 - 13:00</b>
Session V	<b>Mixture Models I 9:00 - 10:30</b>
9:00 - 9:45	<i>Studying Change in Behavioral Preferences: Multidimensional Scaling Single-Ideal Point Model</i>  Cody Ding (University of Missouri, St. Louis, USA)
9:45 - 10:30	<i>When Missing Data are Informative in Longitudinal Studies – Latent Pattern Mixture Models for Informative Intermittent Data in Alcohol Research</i>  Eun-Young Mun (Rutgers University, USA)
10:30 - 11:15	Longitudinal Analysis of Dyads: Current Practices and Constraints  Heather Foran & Kurt Hahlweg (University of Braunschweig, Germany)
11:15 – 11:45	Coffee Break
Session VI	<b>Mixture Models II 11:00 – 13:00</b>
11:45 -12:30	<i>A general nonlinear multilevel structural equation mixture model</i>  Augustin Kelava & Holger Brandt (Eberhard Karls University Tübingen, Germany)
12:30 -13:15	<i>Stage-sequential growth mixture modeling with criminological panel data</i>  Jost Reinecke (University of Bielefeld, Germany)
13:15 - 14:00	<i>A R-package for finite mixture models</i>  Jang Schiltz (University of Luxembourg, Luxembourg)
14:00	Farewell