

International Workshop “Advances in Analysis of Longitudinal and Clustered Data”

February 25-26, 2020

Erich-Brost-Institut, TU Dortmund University, Dortmund, Germany

Tuesday, February 25

Chair: Markus Pauly

12:50	Frank Konietschke, Markus Pauly	Opening Remarks
13:00	Leo Geppert	Analysis of Very Large Data Sets: Frequentist and Bayesian Regression Approaches
13:30	Geert Verbeke	How to correct for baseline covariates in longitudinal clinical trials?
14:15	<i>Coffee break</i>	

Chair: Geert Molenberghs

14:40	Kerstin Rubarth	Nonparametric methods for repeated measures with missing data
15:10	Burim Ramosaj	A cautionary tale on using imputation methods for inference in matched pairs
15:40	Marjolein Fokkema	GLMM trees: Recursive partitioning for multilevel and longitudinal data
16:25	<i>Coffee break</i>	

Chair: Stéphanie Aerts

16:50	Victoria Racher	Apples, Pears, and Peaches – A matter of taste? Logistic Regression, Probabilistic Index Models, and ANOVA Type Statistics on the Osteoarthritis Database
17:20	Timur Tug	Different Statistical Approaches for Analyzing the in vivo Comet Assay and their impact on the final statistical outcome
18:30	<i>Dinner</i>	La Gazzetta

Wednesday, February 26

Chair: Frank Konietschke

09:00	Paavo Sattler	Inference for high-dimensional split-plot-designs: A unified approach for small to large numbers of factor levels
09:30	Asanka Gunawardana	Nonparametric multiple comparisons and simultaneous confidence intervals for multivariate designs
10:00	Geert Molenberghs	Handling Negative Correlation and/or Over/Underdispersion in Gaussian and Non-Gaussian Hierarchical Data
10:45	<i>Coffee break</i>	

Chair: Geert Verbeke

11:00	Stéphanie Aerts	Multivariate relative dispersion
11:45	Marc Ditzhaus	QANOVA: quantile-based permutation methods for general factorial designs
12:15	<i>Coffee break</i>	

Chair: Marjolein Fokkema

12:30	Claus Peter Nowak	Simultaneous Inference for Kendall's τ
13:00	Edgar Brunner	Success-Odds: An improved Win-Ratio
13:30	Frank Konietschke, Markus Pauly	Closing Remarks
13:45	<i>Lunch break</i>	
14:45	Frank Konietschke, Markus Pauly	Start Students Tutorial "Resampling"