

Statistical Computing 2014 - Workshop Program

| 07/20/14 | | 07/21/14 | 07/22/14 | 07/23/14 |
|---|----------------|---|---|---|
| | 9:00 9:20 | Thomas Villman (Mittweida): Statistical Quality Measures and ROC-Optimization by Learning Vector Quantization Classifiers | Eric Sträng (Ulm): Di-methylation is necessary for a sharp Notch response | Rainer Dangl (Wien): A Web Application for Generating Benchmarking Data |
| | 9:20 9:40 | Giuseppe Casalicchio (München): Beyond discrimination and calibration: why the predictiveness curve is not sufficient for assessing the performance of prediction models | Melanie Grieb (Ulm): Predicting new Phenotypes with a Boolean Network incorporating uncertainty | Riccardo De Bin (München): Subsampling versus bootstrap in resampling-based model selection for multivariable regression |
| | 9:40 10:00 | Marianna Grinberg (Dortmund): Statistical methods for large-scale gene expression data sets in toxicogenomics | Alexander Groß (Ulm): Predicting the dynamic behavior of Wnt/ β -catenin and Wnt/JNK signaling by a rule based probabilistic modeling approach | Johann Kraus (Ulm): Semantic clustering |
| | 10:00 10:20 | Matthias Kuhn (Dresden): Specific identification of small genomic structural variations using next generation sequencing data | Markus Maucher (Ulm): A critical noise level for the reconstruction of Boolean functions from time series data | Florian Schmid (Ulm): Semantic multi-classifier systems |
| | 10:20 10:50 | Coffee break | Coffee break | Coffee break |
| | 10:50 11:10 | Andre Burkovski (Ulm): Rank aggregation of heterogeneous data for identification of common genesets | Julia Schiffner (Düsseldorf): A Mixture of Experts Approach for the Analysis of SNP Data | Ludwig Lausser (Ulm): Fold change classifiers |
| | 11:10 11:30 | Werner Adler (Erlangen): Comparing Classifiers for Optical Tissue Differentiation | Katrin Madjar (München): Subgroup-specific survival analysis in high-dimensional datasets | Sebastian Krey (Dortmund): An Statistical approach for Modelling of Low Frequency Oscillations in Electricity Networks |
| | 11:30 11:50 | Jörn Lötsch (Frankfurt), Alfred Ultsch (Marburg): What do all those MIRnas do? | Andreas Mayr (Erlangen): Boosting the concordance index for survival data | Axel Fürstberger (Ulm): Interactive zoomable alignment graphs for pairwise wild base nucleotide protein alignment |
| | 12:00 13:30 | Lunch | Lunch | Lunch |
| | 13:30 14:30 | Eyke Hüllermeier (Paderborn): Learning from imprecise and fuzzy data | Axel Benner (Heidelberg): Genomic Biomarkers for Personalised Medicine: Identification and Validation | |
| | 14:30 14:40 | Tutorials: Teasers | Anthony Rossini (Basel): Putting Statistics back into Statistical Computing | |
| | 14:40 15:00 | Coffee break | | |
| | 15:00 15:30 | Social Activities: Schwörmontag (Self-organization) | Coffee break | |
| | 15:30 15:50 | | Manuela Zucknick (Heidelberg): Non-identical Twins: Comparison of Frequentist and Bayesian Lasso for Cox Models | |
| | 15:50 16:10 | | Michael Glodek (Ulm): Inequality-constraint Multi-class Fuzzy-in Fuzzy-out Support vector machines | |
| | 16:10 16:30 | | Markus Kächele (Ulm): Importance based hierarchical Langrange multiplier filtering for the parallel training of Support Vector machines | |
| | 16:30 16:50 | | Tutorials: Teasers | |
| | 16:50 17:50 | | Working group meeting on Statistical Computing 2015 and other topics (all welcome) | |
| Dinner | 18:00 20:00 | | Dinner | |
| Ulrich Mansmann (München): Genes and Function: Prediction, Regression and systems' modelling | 20:00 20:30 | | Tutorials: C. Müssel, L. Lausser (Ulm): Boolean networks | |
| | 20:30 21:00 | J. Mazur, A. Gerhold-Ay (Mainz): Statistical Workflows for Sequencing Data | B. Bischl (München), F. Schmid (Ulm): Algorithm Configuration / Tuning with R | |
| | 21:00 21:30 | | | |