

Tuesday 19th May 2009

8:30-9:00: Registration

Session 1: Chaired by Prof. Jianxin Pan (The University of Manchester)

9:00-9:05: Opening and Introduction (Tapio Nummi/ Jianxin Pan)

9:05-9:35: Gilbert MacKenzie: Focused model selection for frailty models

9:35-10:05: Georgi Boshnakov: On some properties of mixture autoregressive models

10:05-10:35: Erkki Liski: Pretesting and model selection versus estimation in a regression problem

10:35-10:55: Coffee Break

Session 2: Chaired by Prof. Erkki Liski (University of Tampere)

10:55-11:25: Hannu Oja: Nonparametric and robust inference for clustered data

11:25-11:55: Jaakko Nevalainen: Nonparametric analysis of multivariate clustered data

11:55-12:25: Klaus Nordhausen: Multivariate models and their first four moments

12:25-13:10: Lunch

Session 3: Chaired by Prof. Hannu Oja (University of Tampere)

13:10-13:40: Simo Puntanen: Equality of BLUPS under two different linear models

13:40-14:10: Peter Foster: Iterative polynomial prediction of missing values in longitudinal studies

14:10-14:40: Nick Fieller: Looking at Outliers

14:40-15:00: Coffee Break

Session 4: Chaired by Dr. Simo Puntanen (University of Tampere)

15:00-15:20: Tapio Nummi: Testing for Cubic Smoothing Splines under Dependent Data

15:20-15:40: Chao Huang: Selection of random effects in generalized linear mixed Models

15:40-16:00: Daoji Li: Empirical likelihood for generalized linear models with longitudinal data

16:00-16:20: Tao Wang: The Estimation and Lower Confidence Limit of the Conditional Reliability for Weibull Distribution in the Life Tests with Fixed Stopping Time

16:20-16:40: Minzhi Guo: A composite computer program for student's exam score using Excel

17:00: Welcome party

Wednesday 20th May 2009

Session 5: Chaired by Prof. Tapio Nummi (University of Tampere)

- 9:00-9:30: Jianxin Pan: A review of joint mean and covariance structures in longitudinal studies
9:30-10:00: Chaofeng Kou: Semi-parametric covariance modelling and variable Selection
10:00-10:30 Antti Liski: Selecting variables with sequential NML in logistic regression
10:30-10:50: Coffee Break

Session 6: Chaired by Dr. Jaakko Nevalainen (University of Tampere)

- 10:50-11:20: David Hoyle: Statistical and computational challenges in dealing with genome-wide association data
11:20-11:50: Jarkko Isotalo: Some nonparametrical methods for analysing gene expression data
11:50-12:20 Arto Luoma: Modelling mortality with Bayesian splines
12:20-13:05: Lunch

Session 7: Chaired by Dr. Arto Luoma (University of Tampere)

- 13:05-13:35: Georgy Shevlyakov: Robust Minimax Estimation of a Correlation Coefficient
13:35-14:05: Jyrki Möttönen: Multivariate test of independence based on matrix rank correlation
14:05-14:35: Sami Helle: Model Robust Design for Heteroscedastic Linear Models with Misspecification
14:35-15:00: Coffee Break

Session 8: Chaired by Dr. Jarkko Isotalo (University of Tampere)

- 15:00-15:30 Christiana Charalambous: Variable Selection in Joint Mean-Variance Models using H-likelihood
15:30-16:00 Jing Xu: Modelling of Covariance Structure in Constrained Marginal Models for Longitudinal Data
16:00: End of the workshop