



Jó szomszédok a közös jövőért
Good neighbours creating common future
Dobri susedi zajedno stvaraju budućnost
Vecini buni pentru un viitor comun

Cross-Border Biostatistics Meeting

Applied Biostatistics in Life Sciences.

Joint Meeting of ISCB National Groups and IPA Cross-border
Co-operation Program HU-SRB/0901/221/088.

November 4-5, 2011

University of Szeged, Big Educational Center, Szeged, Dóm tér 10.

Organized by Department of Medical Physics and Informatics, Hungarian, Romanian and Serbian National
Groups of ISCB, Department of Mathematics and Informatics of University of Novi Sad

Friday November 4

- 9:45 – 10:00 **Opening**
- 10:00-11:00 **Michael Schemper (Austria):**
Keynote The estimation of average hazard ratios by Mantel-Haenszel estimators and by Cox regression
- 11-11:30 Karsai J (Hungary): Teaching Mathematics and Statistics in Sciences: Modeling and Computer-aided Approach.
- 11:30-12:00 *Coffee break*
- 12.00-12:30 Reiczigel J, Singer J, Lang Zs (Hungary): Counter-intuitive changes in the results of some statistical procedures when increasing the sample size
- 12:30-12:50 Rárosi F(Hungary): Breast radiotherapy using statistical models
- 12:50-14:00 *Lunch break*
- 14-14:30 **Poster session**
- 14:30-15:00 Vargha P (Hungary): Lord's paradox: Does casual inference offer a reasonable solution for it?
- 15:00-15:30 Boda K (Hungary): Investigation of risk factors of respiratory complications in paediatric anaesthesia
- 15:30-16:00 *Coffee break*
- 16:00-16:20 Lang Zs, Rakonczai P, Bácskai M: (Hungary): Semiparametric estimates of nonlinear time-cost relationship based on censored data
- 16:20-16:50 Singer J (Austria): A bivariate assessment of adverse events in clinical studies
- 16:50-17:10 Ćurčić D, Čemerlić Adić N, Pavlović K, Mihajlović B, Marković Denić L, Sigeti V (Serbia): Disadvantages of data acquisition: our experience
- 17:10-18:30 **Round table - Teaching Biostatistics (All):** Introduction by Jenő Reiczigel
- 19:30 **Conference Dinner**

Saturday November 5

- 9-9:20 Gavrilovic D (Serbia): Biostatistics and clinical research - common misconceptions in Serbia
- 9:20-10:00 Kemény S (Hungary): Statistics as detective tool in quality engineering
- 10:00-10:20 Táncoş E, Kincses Zs T, Tóth E, Szabó N (Hungary): Reproducibility of H-reflex measurements
- 10:20-10:40 *Coffee break*
- 10:40-11:00 Miok V (Romania): Bayesian Analysis of cDNA Microarray and CGH Array Data in Cancer Research
- 11:00-11:20 Várhegyi D (Hungary): CYP-Test medical expert system, supporting the creation of personal medicine treatment
- 11:20-11:40 László A, Lin S M, Glant T (Hungary): Practical workflow for microarray expression data analysis
- 11:40-13:00 **Round table - National Groups (All)** Introduction by Béla Hajtman

Posters (alphabetic order)

- Borsos M, Bálint B, Rák L, Müller M (Hungary): Exhibition of a GLP compliant preclinical data management system
- Chmiel I, Górkiewicz M (Poland): The bootstrap and multiple comparisons procedures as remedy on doubts about correctness of ANOVA results
- Csoma Zs, Dósa-Rácz É, Dobozy A, Kemény L, Oláh J (Hungary): The prevalence of melanocytic naevi among schoolchildren in South-Hungary
- Dragnić N, Grujić V, Ač Nikolić E (Serbia): Odds ratio and logistic regression: examples of their use and interpretation
- Fratczak E, Grzenda W(Poland): Cohort fertility patterns in Poland based on the staging processes
- Golet I, Jivulescu M M, Jivulescu M A(Romania): About normality distribution of the age in patients with diabetes affection
- Górkiewicz M (Poland): Exploring regression relationship by stochastic simulations with at hand software.
- Kumorek A (Poland): Simple ROC Curve statistical analysis with Excel and SPPP
- Lakić D, Petrova G, Bogavac-Stanojević N, Jelić-Ivanović Z(Serbia): Transition probability calculation for the cost-effectiveness analyse of different antihypertensive medications
- Nyári T (Hungary): Characteristics of childhood acute lymphoid leukemia and neuroblastoma in Hungary
- Simian D (Romania): Optimal SVM kernels for data classification
- Stefanovic A (Serbia): Multicollinearity in regression model
- Stoljescu C(Romania): ECG Signals Classification Using Statistical and Time-frequency Features
- Tóth G, Kabos S, Surján Gy (Hungary): Joint modeling of two diseases
- Virág K (Hungary): Statistical evaluation of tonometric data of neonates using mixed model repeated measures ANOVA

Details: www.model.u-szeged.hu (event calendar)

