Organized by
Leibniz University Hannover (Institute of Biostatistics)
University Medical Center Göttingen (Department of Medical Statistics),
German Region of IBS, with their workings groups
  ● Non-Clinical Statistics (R. Vonk, Berlin),
  ● Adaptive Designs and Multiple Testing Procedures (E. Glimm, Basel),
  ● Nonparametric Methods (M. Pauly, Düsseldorf)

Scientific committee
L. A. Hothorn (Hannover)
E. Brunner (Göttingen)
K. Ickstadt (Dortmund)

Aim
Discussion of recent approaches in parametric and non-parametric simultaneous inference (“multiple testing”), their bio-medical applications and related software.
Sessions

- New principles of multiple inference
- Non-parametric multiple inference
- Multiple inference using R
- Multiple inference in randomized clinical trials
- Multiple inference in non-clinic applications
- Multiple inference in genetic association studies
- Open topics in multiple inference
- Poster session

Invited talks

- A. Bathke (Salzburg, A) tba
- W. Brannath (Bremen, D) Simultaneous confidence interval methodology in clinical trials with multiple hypotheses
- F. Bretz (Basel, Schweiz) An introduction to graphical approaches in multiple testing, with applications
- Th. Dickhaus (Berlin, D) Copula-based models in multiple hypothesis testing
- H. Finner (Duesseldorf, D) Higher Criticism, Goodness of Fit and Local Levels
- G. Dilba (Brookings, USA) Simultaneous inferences in longitudinal designs
- X. Gao (Toronto, Canada) Multiple comparison procedures for pseudo-likelihood analysis
- Y. Gel (Waterloo, Canada) On multiple contrast tests and simultaneous confidence intervals in high-dimensional repeated measures designs
- J.J. Goeman (Leiden, NL) Variable selection with confidence
- O. Guiilbaud (Sweden) Simultaneous confidence intervals for Hochberg- and Hommel-related multiple tests based on an extended Simes inequality for t distributions
- R. Heller (Tel Aviv, Israel) Discovering findings that replicate from a primary study of high dimension to a follow-up study
- G. Hommel (Mainz, D) Non-parametric statistics and multiplicity
- Ch. Hirotsu (Tokyo, Japan) Row-wise multiple comparison procedures in a two-way contingency table
- Th. Hothorn (Zürich, Schweiz), The multcomp R add-on package: 11 years of simultaneous inference for the masses
- Th. Jaki (Lancaster, UK) Designing multi-arm multi-stage clinical studies with a safety and efficacy endpoint
- B. Klingenberg (Williamstown, USA) Comparing margins of multivariate binary data
- J. Läuter (Magdeburg, D) Simes’ theorem is generally valid for dependent normally distributed variables
- O. Libiger (LaJolla, USA) Multivariate regression-based analysis of relative abundance data in metagenomics
- W. Maurer (Basel; Schweiz) Sequentially rejective test procedures for partially ordered and algebraically dependent systems of hypotheses
- J. Röhmel (Bremen, D) Bonferroni adjustment in equivalence trials with three or more treatments
- Ch. Ritz (Copenhagen, Dk) A flexible framework for simultaneous inference based on individually model fits
- A. Solari (Milano, Italy) Rotation-based multiple testing in the multivariate linear model

Registration

Via: http://icsi.biostat.uni-hannover.de/

Abstract submission: February 21 until July 1

Conference fees

- Academia: € 80 (120 non-IBS)
- Industry: € 160 (240 non-IBS)
- Students: € 30 (45 non-IBS)
- Conference dinner: € 35

Sponsored by:

Publishing: Selected talks in a special issue or special topic of Biometrical Journal