

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

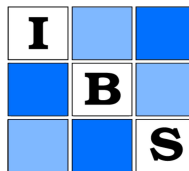
L. A. Hothorn (Hannover)

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.



INTERNATIONALE BIOMETRISCHE GESELLSCHAFT

SOCIETE INTERNATIONALE DE BIOMETRIE

INTERNATIONAL BIOMETRIC SOCIETY

Deutsche Region

DFG Deutsche
Forschungsgemeinschaft

International Conference Simultaneous Inference 2013

Hannover,
Herrenhausen Campus,
September 24-26

UNIVERSITÄTSMEDIZIN : UMG
GÖTTINGEN

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Leibniz
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Hannover

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. Ge** (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. Guilbaud** (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*