

BREV
Ukonvolutteret

MEDDELELSER

Dansk Selskab for Teoretisk Statistik

Kalender 2007

Dato	Nr.	Aktivitet
7-8/5	1	Forskerskolen i Biostatistik, København <i>Group sequential and adaptive designs for clinical trials.</i>
9/5	4	Biostatistisk Afdeling, Københavns Universitet. Dr. Michaela Kreyenfeld, Max-Planck-Institut für demografische Forschung, Rostock <i>Fertility in Transition: Family and fertility dynamics in East Germany</i>
10/5	4	Biostatistisk Afdeling, Københavns Universitet. Dr. Michaela Kreyenfeld, Max-Planck-Institut für demografische Forschung, Rostock <i>The economic foundation of higher order fertility in Britain and Germany</i>
15-16/5	2	DSTS, Ålborg: <i>Todagesmøde</i>
30/5	4	Biostatistisk Afdeling, Københavns Universitet. Stijn Vansteelandt and Sylvie Goetge- luk, Ghent University, Ghent, Belgium. <i>Doubly robust estimators for direct effects</i>
2-7/6	1	Kuusamo, Finland <i>Second Baltic-Nordic Conference on Survey Sampling</i>
4-8/6	3	Department of Medical Epidemiology and Biostatistics, Karolinska Institutet, Stockholm. Lyle Gurrin, University of Melbourne: <i>Bayesian Data Analysis</i>
6-8/6	2	First Nordic-Baltic Biometric Conference 2007, 6 - 8 June, Denmark
17- 19/9, 8-10/10	1	Forskerskolen i Biostatistik, København. <i>Statistical Analysis of Survival Data for Biostatistical/Statistical PhD students</i>
5-9/11	3	Department of Mathematical Sciences, University of Copenhagen Ph.D.-course: <i>Statistical Analysis of Microarray Expression Data with R and Bio- conductor</i>

No.: Nummer af meddelelser hvor arrangement er annonceret.

Deadlines i år 2007

MEDDELELSER udkommer	Frist for indlevering af bidrag
5: 4. juni	25. maj
6: 3. september	24. august
7: 1. oktober	21. september
8: 5. november	26. oktober
9: 3. december	23. november

Selskabets bestyrelse:

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Selskabets www-adresse: <http://www.dsts.dk>

Indmeldelse og adresseændring i DSTS gøres via <http://www.dsts.dk/da/index.html>

Bidrag i elektronisk form modtages helst i et af formateren: Word, PDF, HTML eller ASCII. Bidrag sendes til redaktøren, gerne per e-mail red@dsts.dk

Annoncering af stillinger er kr. 500 pr. side. Indstik, der ønskes sendt i konvolut sammen med Meddelelser, kr. 1500 pr. standard A4 side.

TWO LECTURES IN MODERN DEMOGRAPHY

Dr. Michaela Kreyenfeld, Max-Planck-Institut für demografische Forschung, Rostock, will give two lectures at the University of Copenhagen, Øster Farimagsgade 5, room 2.1.12:

Wednesday 9 May 2007, 14.15-15.00, room 2.1.12.

"Fertility in Transition": Family and fertility dynamics in East Germany

Thursday 10 May 2007, 15.15-16.00, room 2.1.12.

"The economic foundation of higher order fertility in Britain and Germany"

Contact: Professor Niels Keiding, Department of Biostatistics, Institute of Public Health, University of Copenhagen. Tel. 35327903, N.Keidin@biostat.ku.dk

SEMINAR I ANVENDT STATISTIK

Seminaret afholdes kl. 15.15 på det gamle Kommunehospital, Øster Farimagsgade 5, opgang B. Der serveres te i Biostatistisk Afdelings bibliotek (opgang B, 2. sal) en halv time før.

Onsdag d. 30. maj 2007. lokale 5.0.22.

Doubly robust estimators for direct effects

Stijn Vansteelandt and Sylvie Goetgeluk
Ghent University, Ghent, Belgium

Disentangling causal pathways is an inherently complex problem because an exposure may not only affect outcome directly, but also indirectly through intermediate variables. In this presentation, we address this problem by using structural nested mean models (Robins, 1999) for direct effects. Because existing estimates and tests for direct effects under these models are obtained via inverse probability weighting by a conditional distribution of the intermediate variable, they can be very unstable when that intermediate variable is continuous. To obtain more stable and accurate inferences, we propose doubly robust estimators for the direct effect parameters indexing these models. These estimators are asymptotically unbiased if either the model for a conditional density of the intermediate variable (i.e. the weights) is correctly specified or a model for a conditional expectation of the outcome. Simulation studies illustrate the dramatic improvements that can be realized by using double-robust estimation for estimating direct effects. The results are applied to a family-based genetic association study to test whether a given mutation in a gene is associated with a lung function phenotypes other than through its association with body mass index, allowing for unmeasured confounding due to population admixture.

Reference: Robins, JM. Testing and estimation of direct effects by reparameterizing directed acyclic graphs with structural nested models. *Computation, Causation, and Discovery*, 1999, 349-405.

Per Kragh Andersen

DSTS To-dagesmøde

DSTS To-dagesmøde afholdes den 15.-16. maj på Aalborg Universitet, se www.math.aau.dk for seneste program.

Kommende To-dagesmøder

Efterår 2007 Ålborg

Forår 2008 Nordisk Møde i Baltiske Lande

Efterår 2008 Foulum

Nyt om navne

Redaktionen modtager gerne bidrag.

Nyt om projekter

Redaktionen modtager gerne indlæg
om projekter.

Second Baltic-Nordic Conference on Survey Sampling

2–7 June 2007, Kuusamo, Finland

SECOND ANNOUNCEMENT AND CALL FOR PAPERS

Dates

Conference in Kuusamo: 2–7 June 2007
Pre-Course in Helsinki: 31 May – 1 June 2007

Location and Venue

This international conference will be held in an exotic area in east-north Finland, Kuusamo, close to the Russian border. Kuusamo is located about 800 km to the north-east from Helsinki. The conference venue is Holiday Club Kuusamon Tropiikki. The hotel offers not only excellent conference facilities but also exiting options for free-time wellness and fitness activities.

Aims and Scope

The Second Baltic-Nordic Conference on Survey Sampling is a scientific conference presenting current developments in: (i) design and analysis of complex surveys, and (ii) use of auxiliary information in survey sampling, with applications to empirical research and statistics production. The conference aims to provide a platform for discussion and exchange of ideas for a variety of people. These include, for example, statisticians, researchers and other experts of universities, national statistical institutes, research institutes and other governmental bodies, and private enterprises, dealing with survey research methodology, empirical research and statistics production. University students in statistics and related disciplines provide an important interest group of the conference. The First Baltic-Nordic Conference on Survey Sampling was held in 2002 in Ammamäs, Sweden.

Keynote Speakers

Prof. Harvey Goldstein, University of Bristol, UK
Prof. Carl-Erik Särndal, University of Montreal, Canada
Dr Jean-Claude Deville, INSEE/ENSAI Ecole nationale de la statistique et de l'analyse de l'information, France

Each keynote speaker will give four lectures. Additional invited speakers will be announced.

Call for Papers

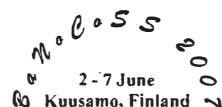
The programme will cover survey sampling and survey methodology in a wide sense. The programme consists of sessions of invited papers, contributed papers and posters. **Participants are encouraged to submit contributed papers or posters.** If you wish to present a paper or poster, please submit a one-page abstract by email using address banocoss-info@helsinki.fi before 16 April, 2007.

Topics of contributed papers or posters include: Business survey methodology, Calibration techniques, Combining data from surveys and registers, Design and analysis of complex surveys, Design and estimation strategies using auxiliary information, Edit and imputation techniques, Estimation for domains and small areas, Estimation in the presence of nonresponse, Internet and web surveys, Longitudinal and panel surveys, Measurement errors in surveys, Methods for international comparison, Multilevel and hierarchical modelling, Non-parametric methods in survey analysis, Questionnaire development and testing, Sample surveys in special fields, Software for survey sampling and analysis, Statistical disclosure control, Survey data mining, Variance estimation, Weighting strategies.

Announcement of paper acceptance will be given by 30 April 2007. The conference language is English. An option to submit conference papers to Special Issue of Statistics in Transition Journal will be available.

Important Dates

31 March 2007: Early registration ends (reduced registration fee applies)
1 April - 2 June 2007: Late registration (higher registration fee applies)
16 April 2007: Deadline for submission of titles and abstracts of contributed papers and posters
30 April 2007: Announcement of paper acceptance
31 May - 1 June 2007: Pre-course on Multilevel Modelling (Helsinki, Finland)
2 - 7 June 2007: BaNoCoSS Conference (Kuusamo, Finland)



Scientific Committee

Timo Alanko, Statistics Finland, Helsinki, Signe Bāliņa, University of Latvia, Riga, Jan Bjørnstad, Statistics Norway, Oslo, Dan Hedlin, Statistics Sweden, Stockholm, Annica Isaksson, Statistics Sweden, Stockholm, Danutė Krapavickaitė, Institute of Mathematics and Informatics, Vilnius, Gunnar Kuldorff, University of Umea, Seppo Laaksonen, University of Helsinki, Jānis Lapiņš, Bank of Latvia, Riga, Risto Lehtonen (Chair), University of Helsinki, Peter Linde, Statistics Denmark, Aleksandras Plikusas, Institute of Mathematics and Informatics, Vilnius, Lauri Tarkkonen, University of Helsinki, Daniel Thorburn, University of Stockholm, Imbi Traat, University of Tartu, Jan Wretman, University of Stockholm.

Tentative Program

Saturday 2 June 2007		Tuesday 5 June 2007	
Afternoon	Arrival to Kuusamo; Registration	9.00–17.00	Conference Sessions
18.00–19.30	Welcome Reception	18.00–	Excursion to Ruka
Sunday 3 June 2007		Wednesday 6 June 2007	
9.00–13.30	Opening; Conference Sessions	9.00–17.00	Conference Sessions
13.30–	Excursion to Oulanka National Park	18.30–	Conference Dinner
Monday 4 June 2007		Thursday 7 June 2007	
9.00–17.00	Conference Sessions	9.00–13.30	Conference Sessions; Closing; Departure

Pre-Course on Multilevel Modelling

A two-day pre-course **Multilevel modelling in social, behavioral and economic research** will be organized on Thursday and Friday, 31 May – 1 June, 2007. Venue: University of Helsinki, the Kumpula Campus. Main lecturer: **Prof. Harvey Goldstein** (University of Bristol). Participation is free of charge.

Registration Information

Registration Fees

Regular Participants: EUR 220 by 31 March 2007, EUR 250 after 31 March 2007.

Full-time students: EUR 120.

Accompanying persons and children 15+ years: EUR 80 by 31 March 2007, EUR 100 after 31 March 2007

Children 7–15 years: EUR 50.

The fees include sessions, conference material, refreshments, social program and conference dinner.

Grants for partial financing of participation of students (to be announced).

Registration protocol is available at the conference website. On-line registration is recommended.

Accommodation Information

The Conference Secretariat has made an early reservation for accommodation at Holiday Club Kuusamon Tropiikki, with special rates EUR 74 per night for a single room and EUR 46 per night per person for a double room for the conference participants. Hotel services include free spa services (included in room prices). Instructions on booking procedures are available at the conference website.

Travel Information

Most international flights to Finland land at Helsinki international airport. Detailed travel information to Kuusamo is available at the conference website.

Organizers and Sponsors

The conference is organized by the University of Helsinki, Baltic-Nordic Network in Survey Sampling, Statistics Finland and the Finnish Statistical Society. Sponsors include the International Association of Survey Statisticians (IASS) and the Academy of Finland.

Organizing Committee

Kari Djerf, Statistics Finland, Helsinki, Tarja Hämäläinen, University of Helsinki, Seppo Laaksonen, University of Helsinki, Risto Lehtonen (Chair), University of Helsinki, Lauri Tarkkonen, University of Helsinki, Maria Valaste (Secretary), University of Helsinki, Kimmo Vehkalahti, University of Helsinki.

Contact Addresses

Postal Address: Conference Secretariat, P.O.Box 54 (Unioninkatu 37), FI-00014 University of Helsinki, Finland.

Fax: +358-9-191 24872. **Email:** banocoss-info@helsinki.fi

Web site: www.mathstat.helsinki.fi/msm/banocoss/

Head of Section – Biostatistics Department



We are looking for a Head of Section in Biostatistics Department. The department contributes to the entire drug development process from discovery to market across various therapeutic areas within psychiatry and neurology. The current staff across the 3 sections in the department includes 21 biostatisticians, 6 statistical programmers, 3 technical staff and 1 PhD student.

Your job

As Head of Section you work with both scientific activities and line management in close co-operation with the other Head of Sections and Head of Department. Scientific activities include development of standard systems for generating summary tables, figures, and listings for Phase I-IV clinical study reports according to pre-defined project/study standards and specifications. You will participate in discussions and activities covering all aspects of statistical programming for drug development projects/studies. Other challenges involve development of new and improved ways of presenting study data, including graphical presentations and web-based presentations. As line manager you are responsible for resource allocation, timelines, follow-up as well as the day-to-day contact with the employees in your section. Training, coaching and development activities are also part of the management responsibility. We offer a challenging job with broad career opportunities in a dynamic and open working atmosphere.

Qualifications

Our preferred candidate:

- holds a MSc or PhD degree in engineering, computer science, mathematics, or statistics
- has programming experience and familiarity with statistical software such as SAS; work experience from the pharmaceutical industry or consulting experience from an industrial or academic setting is highly desirable
- has an interest in clinical aspects as well as statistical and programming aspects and in working with clinicians
- is goal-oriented, innovative, and flexible, work well under pressure, and possesses the ability to listen, be analytic and proactive
- has experience with or a strong interest in management of people
- has excellent communication and co-ordination skills and ability to make a decision
- is fluent in oral and written English
- is a team player and able to interact smoothly with colleagues and collaborators from different functional areas and/or companies

Further information

Please contact Head of Department, Ingrid Sofie Harbo on +45-3643 2004. We also recommend you to visit our website www.lundbeck.com.

Your application

We would prefer to receive your application (in Danish or English) electronically at jobs@lundbeck.com. You are, however, also welcome to send it to HR R&D to Supply, H. Lundbeck A/S, Ottiliavej 9, DK-2500 Valby, Denmark. Please mark your application "Head of Section/318". Applications must be received no later than May 28, 2007. **Please state in your application where you have seen this advertisement.**



Novozymes søger erfaren statistiker til Project Management og Information

Project Management og Information er en del af Quality, Environment og Safety organisationen i Novozymes. Vi beskæftiger os med statistik, ledelsesinformation, projektledelse og systemer til løbende forbedringer. Vi er geografisk placeret i Bagsværd men har hele Novozymes som vores arbejdsplads.

Udfordringer:

Du kommer i samarbejde med afdelingens anden statistiker til at yde statistisk support til hele Novozymes. Som statistiker vil du blive involveret i en række forskellige opgaver, f.eks. procesoptimering i produktionen, udvikling af produkter og validering af analysemetoder i laboratoriet. Fælles for alle typer opgaver er, at de foregår i tæt samarbejde med kolleger fra andre dele af Novozymes i både Danmark og udland. Som en del af jobbet vil du være med til at planlægge og afholde træning i relevante statistiske metoder for andre områder, ligesom du vil deltage som statistiker i større tværorganisatoriske projekter.

Kvalifikationer:

Du har en akademisk uddannelse med speciale i anvendt statistik (BSc, MSc/PhD). Derudover har du solid erfaring med brugen af statistik på industrielle problemstillinger og behersker den store værktøjskasse af statistiske metoder – herunder eksplorativ statistik, forsøgsplanlægning, SPC, mixede modeller, samt multivariate metoder som PCA og PLS. Du har gode samarbejdsevner, og du forstår at "tale statistik" med ikke-statistik kyndige.

Kontakt:

Statistiker Peter Thyregod på 4442 2817, e-mail pthy@novozymes.com eller afdelingsleder Merete Fich på 4442 3921, hvis du vil vide mere om stillingen.

Send din ansøgning online eller via e-mail vedlagt CV til Novozymes A/S via www.novozymes.com/job senest den 10. maj 2007.

Novozymes er verdens førende bioteknologiske virksomhed inden for enzymer og mikroorganismer. Vores løsninger er baseret på naturens egen teknologi. Og vores mål er hele tiden at udvide grænserne for, hvordan biologiske løsninger kan fremme industriens muligheder over hele verden.