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MEDDELELSER

Dansk Selskab for Teoretisk Statistik

26. Symposium i Anvendt Statistik

Call for papers

I dagene 27.- 29. januar 2004, afholdes det 26. symposium i anvendt statistik. Symposiet afholdes på sociologisk institut ved Københavns Universitet.

Symposiets formål er at skabe et forum for udveksling af ideer og erfaringer med anvendelse af statistiske metoder på tværs af forskellige fagområder. Der lægges vægt på såvel metodik som fremstilling og fortolkning af resultater. Indlæggende til symposiet vil blive trykt i en bog, som udleveres på symposiet.

Abstrakts til symposiet bedes indsendt inden **17. november**, og de færdige papirer inden den **15. december**.

Abstrakts og papirer bedes sendt til:

Anders Holm
Sociologisk institut
Københavns Universitet
Linnegade 25
1361 København K

e-mail: anders.holm@sociology.ku.dk

Returneres ved varig adresseændring

Næste nummer af "MEDDELELSER" udkommer 1. december 2003.

Bidrag til dette nummer skal være redaktøren i hænde senest

onsdag den 21. november kl. 12.00.

Bidrag bedes sendt til:

medlinfo@dsts.dk skal benyttes ved indmeldelse og adresseændring i DSTS.

Bidrag i elektronisk form ønskes helst i et af nedenstående formater: Word, PDF, HTML eller ASCII.

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



28. årgang nr. 8

November 2003

Selskabets bestyrelse:

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Webmaster: Kim Emil Andersen Institut for Matematiske Fag Aalborg Universitet, Frederik Bajersvej 7 9200 Aalborg Øst	Tlf: 9635 8849 Fax: 9815 8129 e-mail: emil@math.auc.dk

Selskabets www-adresse: [Http://www.dsts.dk](http://www.dsts.dk).

Generiske e-mail-adresser i selskabet:

Formand: fmd, formand, chair, chairman **Kasserer:** kass, kasserer, treas, treasurer

Redaktør: red, redaktør, edit, editor **Sekretær:** sekr, sekretaer, secr, secretary

Webmaster: web, webmaster, www

Meddelelser: medd, meddelelser, newsl, newsletter

Bestyrelsen: best, bestyr, bestyrelse, board

medinfo@dsts.dk skal benyttes ved indmeldelse og adresseændring i DSTS.

Biostatistisk Afdeling
Københavns Universitet

20. oktober 2003

Ph.d.-forsvar

Fredag den 28. november 2003 kl. 13.30

forsvarer Karl Bang Christensen i Auditoriet på Arbejdsmiljøinstituttet, Lersø Parkallé 105, 2100 København Ø sin ph.d.-afhandling med titlen:

Validation of scales for group comparison

The work presented in this thesis is motivated by practical problems in psychosocial work environment research, a field where most variables of interest are latent (not directly observable, but only observed indirectly through indicators). Different frameworks for latent variable modelling exist most notably structural equation models, used to model the relation between (theoretical) variables in the presence of measurement error, and item response theory models, used in situations where several items are used for ordering of a group of subjects with respect to a unidimensional latent variable. Structural equation models have been formulated for latent response variables measured using ordinal categorical observed variables. Item response theory models on the other hand are formulated directly for observed ordinal categorical responses.

Measurement using item response theory modelling can be viewed as comparisons (between persons or between a person and a reference population). The simplest item response theory model, the Rasch model, is based on a requirement of specific objective comparison: a comparison of two persons using a single item is required to be invariant of the choice of item. Extensions of the Rasch model that can be used to compare groups while taking specific differences into account are considered. Measures of heterogeneity that can be used to quantify within-group variation are discussed. The separation of the measurement model from the structural model yields goodness of fit tests and tests of unidimensionality without assumptions about the distribution of the latent variable.

Bedømmelsesudvalg:

Lene Theil Skovgaard, Biostatistisk Afdeling, Københavns Universitet
Henk Kelderman, Vrije University
Klaas Sijtsma, Tilburg University

Vejledere:

Svend Kreiner, Biostatistisk Afdeling, Københavns Universitet
Jakob Bjørner, Arbejdsmiljøinstituttet

Afhandlingen kan rekvireres ved henvendelse til forfatteren, Arbejdsmiljøinstituttet, Lersø Parkallé 105, 2100 København Ø. E-mail: kbc@ami.dk

Laboratory of Actuarial Mathematics

University of Copenhagen

Colloquia November 2003

Josef Steinebach, University of Cologne

H.C. Ørsted Institute, Lecture Hall 10

Tuesday November 25th, 16.15 - 17.00: "On a Change Analysis of Stochastic Processes Based on Weak Invariance Principles"

ABSTRACT: The abstract is available as pdf file on
<http://www.act.ku.dk/colloquium/2003/col2003a.html>.

For further colloquia see <http://www.act.ku.dk/colloquium/2003/col2003a.html>

Analytiker

Vi søger en analytiker til Kreditaafdelingen/Kreditanalyse.

Kreditanalyseafdelingen er en del af Nykredits centrale kreditaafdeling og har det overordnede ansvar for udvikling og vedligeholdelse af modeller og systemer til credit scoring. Afdelingen deltager desuden i en række udviklingsopgaver, hvor statistisk kompetence er krævet.

Dine kvalifikationer er vigtige. Du skal have en relevant videregående uddannelse som cand.stat., cand.scient.oecon. eller lignende - gerne suppleret med en Ph.d. Du er stærk i skriftlig kommunikation og behersker engelsk i skrift og tale. Du har et par års erhvervs erfaring.

Dine menneskelige egenskaber er også vigtige. Jobbet forudsætter et tæt samarbejde med og kontakt til øvrige stabsenheder i Nykredit, hvorfor det er væsentligt, at du har gode samarbejdsevner og er i stand til at bevare overblikket i pressede situationer.

Du får indflydelse på virksomheden og vores kunder. Du får rig mulighed for en faglig og personlig udvikling i tæt samarbejde med Kreditanalysens øvrige 5 medarbejdere og på tværs i organisationen. Hvis du vil høre mere om jobbet indhold, er du velkommen til at kontakte analysechef Esben Ejning på telefon 33 42 15 27.

Sådan gør du. Send din ansøgning, vedlagt cv og relevante eksamenspapirer senest mandag den 17. november 2003 til Nykredit Realkredit A/S, Att. Personalecentret, Kalvebod Brygge 1-3, 1780 København V eller e-mail personalecenter@nykredit.dk Mærk din ansøgning "3173".

Nykredit

Vi tror på muligheder. Og vi har en klar målsætning om at fastholde og udvikle vores position som en af landets førende finansielle virksomheder. Det kræver kvalificerede og motiverede medarbejdere, der tør tage et ansvar, og som tror på, at samarbejde og udvikling skaber de bedste betingelser for alle. Nykredit er blandt landets største finansielle virksomheder. Vi er 3.000 medarbejdere, og vores aktiviteter spænder over bank, realkredit, forsikring og ejendomsrådgivningsvirksomhed. Læs mere på www.nykredit.dk

2 n d C A L L F O R P A P E R S I C P R 2 0 0 4

17TH INTERNATIONAL CONFERENCE ON PATTERN RECOGNITION "PATTERN RECOGNITION IN THE DIGITAL WORLD"

<http://www.ee.surrey.ac.uk/icpr04/>

Hosted by the British Machine Vision Association (BMVA) CAMBRIDGE, UNITED KINGDOM 23 - 26 August 2004

ICPR2004 is the 17th conference of the International Association for Pattern Recognition (IAPR). Started in 1973, ICPR is a major biennial event aiming to stimulate research, development, the application of pattern recognition, and to advance international co-operation in related disciplines.

The conference will provide an international forum for discussions on recent advances in the fields of:

COMPUTER VISION AND ROBOTICS, PATTERN RECOGNITION, NEURAL NETWORKS, IMAGE AND SIGNAL PROCESSING, ARCHITECTURES, TECHNOLOGY AND TOOLS FOR PATTERN RECOGNITION AND IMAGE PROCESSING, APPLICATIONS: BIOMEDICAL, MULTIMEDIA, DOCUMENT ANALYSIS, REMOTE SENSING, BIOMETRICS, E-COMMERCE INDUSTRIAL AUTOMATION, OTHERS

IMPORTANT DATES

Full paper submissions due: December 15th, 2003

Notification of acceptances: March 15, 2004

Final camera-ready papers due: May 15, 2004

Pre-Conference Tutorials: 22 August, 2004

Conference: 23 - 26 August, 2004

PAPER SUBMISSION

The online paper submission system is now open.

Please follow links from the main web site to submit your paper.

REGISTRATION

Information on registration for the conference will be posted on the conference web site in due course:

<http://www.ee.surrey.ac.uk/icpr04/>

FACE VERIFICATION COMPETITION

In order to promote evaluation of pattern recognition algorithms using publicly available datasets and standard performance assessment methodology, a competition for the best face verification algorithms will take place in conjunction with the ICPR 2004 conference. Details can be found at:

<http://www.ee.surrey.ac.uk/banca/icpr2004/>

KØBENHAVNS UNIVERSITET
Sociologisk Institut



Call for papers til det 26. symposium i anvendt statistik

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Linnesgade 25
1361 København K

e-mail: anders.holm@sociology.ku.dk



Seminar i matematisk statistik og sandsynlighedsregning.

Seminaret afholdes kl. 15:15 i auditorium 10 på H.C. Ørstedes Institut. Der serveres te i lokale E325 kl. 15:00.

Onsdag den 12. november 2003.

Speaker: Vicki Fasen, Technical University, München.

Title: "Extremal behaviour of continuous-time moving average processes".

Abstract:

In this talk we will consider extremes of moving averages in continuous time, i.e. stochastic processes of the form

$$Y(t) = \int_{-\infty}^t f(t-s) dL(s) \text{ for } t \geq 0,$$

where the Lévy measure ν of the driving Lévy process L has finite support on the positive real line and convolution equivalent tails. In particular, this includes an important subclass of CARMA processes. The extremes are described as point process of local maxima. It is shown that the point process based on the moving average process converges weakly to a Poisson process in the case of a monotone kernel function f .



Seminar i matematisk statistik og sandsynlighedsregning

Seminaret afholdes kl. 15:15 i auditorium 10 på H.C. Ørstedes Institut. Der serveres te i lokale E325 kl. 15:00.

Onsdag den 19. november 2003:

Helle Sørensen, Royal Veterinary and Agricultural University, Copenhagen (KVL)

Title: "Mixtures of herbicides"

Abstract:

Herbicides are often used in mixtures, but even if the dose-response relationship of each of the components (applied separately) is well known, it is not clear how the toxicants will play together. The joint action is sometimes expressed (and visualized) via isoboles: combinations/mixtures of the toxicants all with the same effect, eg. 50% decrease in growth. In some cases it seems biologically plausible that herbicides act additively, that is, the same effect is obtained if one herbicide is replaced - in part or completely - by another, in a dose of same biological activity (when acting alone). The main topics of the talk are (i) estimation of a certain (potentially) non-additive model describing the isoboles; and (ii) test of the additivity hypothesis in this model. The data consist of dose-response combinations for various mixtures as well as for the herbicides applied separately.

This is joint work with Ib Skovgaard, and the data presented are from the Weed Science Group at the Royal Veterinary and Agricultural University.

Kalender 2003

(arrangementer annonceret i MEDDELELSER)

EURASIP Journal on Applied Signal Processing Special Issue
Call for Papers: Advances in Sensor Array Processing Technology

Sensor array processing has been a key technology in many diverse areas including radar, sonar, communications, astronomical observations, and microphone and seismic array applications. Arrays of sensors have been used extensively in most radar and sonar systems to improve target detection, Doppler estimation (i.e., platform velocity vector), interference suppression including jamming and clutter, and target angle of arrival estimation. Since the flourishing development of radar and sonar arrays, the same fundamental principles have been applied to different types of sensors with different classes of algorithms that adapt to the different signals and media of propagation, for example, microphone and seismic arrays. Antenna arrays have also been commonly applied to various communications systems to dramatically improve data throughput and combat performance degradation suffered by severe fading due to multi-path. Presently, the advance in sensor array processing lends itself to many emerging applications such as next generation wireless communication systems, sensor networks, multimedia systems, bi-static radar, space-based radar, and communications, and many technical challenges remain before the advanced techniques can be realized in practical systems.

This special issue will gather the latest research and development of the sensor array processing area and address the most current issues and challenges. It will include the latest research results and efforts at different levels including novel algorithm designs, theoretical performance analysis, performance and capability demonstration via simulation and experimental results, robust algorithms under non-ideal environmental and system conditions, and real-time implementation of advanced algorithms. Prospective papers should be unpublished and present novel, fundamental research offering innovative contributions either from a methodological or an application perspective.

Authors should follow the EURASIP JASP manuscript format described at the journal site <http://asp.hindawi.com/>.

Manuscript Due	January 1, 2004
Acceptance Notification	June 15, 2004
Final Manuscript Due	October 1, 2004
Publication Date	1st Quarter, 2005

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Dato	Medd. nr.	Aktivitet
14/11 – 19/11	6/03	Kursus: Biostatistics: Andrea De Gaetano (Laboratorio di Biomatematica, CNR IASI “A. Ruberti”, Rome, Italy): An introduction to applied physiological modelling
28/11	8/03	PhD forsvar af Karl Bang Christensen: ”Validation of scales for group comparison”, Auditoriet på Arbejdsmiljøinstituttet, Lersø Parkallé 105, 2100 København Ø
27/1 – 28/1	8/03	26. Symposium i Anvendt Statistik: Sociologisk institut ved Københavns Universitet
12/11	8/03	HCØ seminar – se andetsteds i bladet. Kom efter deadline
19/11	8/03	HCØ seminar – se andetsteds i bladet. Kom efter deadline

Husk! Redaktøren har ændret E-mail adresse: Brug red@dsts.dk
Hvis man ikke får respons, så prøv jlja@lundbeck.com
Selskabets server har haft nogle problemer.

Deadlines i år 2003

Frist for indlevering af bidrag:

MEDDELELSER udkommer

21. november

1. december

Tak til alle som har sendt kontaktinformation til de medlemmer, for hvilke vi manglede adresse!