

Lectures at international conferences and foreign universities.

A. Invited papers at international conferences:

Population growth and branching processes in random environment. 9th International Biometric Conference, Boston, August 1976.

Statistical inference in branching processes. 7th Conference on Stochastic Processes and their Applications, Enschede, Holland, August 1977.

Stopping rules and incomplete information in estimation theory for stochastic processes. 11th European Meeting of Statisticians, Oslo, Norway, August 1978.

Some theory and examples of statistical inference for counting processes and survival data. Meeting of Dutch statisticians, Lunteren, Holland, November 1979.

Applications of statistical analysis of counting processes and survival data. Tagung Medizinische Statistik, Oberwolfach, Germany, February 1980.

The Danish trials. 2nd Symposium on Clinical Trials in Early Breast Cancer, Heidelberg, December 1981.

Statistical applications of the theory of martingales on point processes. 11th Conference on Stochastic Processes and their Applications, Clermont-Ferrand, June 1982.

Fejlkilder og metodeproblemer. Nordisk konference om arbejdsmiljøets indvirkning på forplantningsevnen og fosterudviklingen. Malmö, November 1982.

Examples of statistical models based on counting processes. Meeting between Danish and French statisticians, Luminy, Marseille, January 1984.

Statistical analysis of semi-Markov processes based on the theory of counting processes. International Symposium on semi-Markov processes and their applications, Bruxelles, June 1984.

The natural history of the digestive diseases: the development of the methods of analysis. A biostatistician's perspective. 5'th International Conference on Clinical Biostatistics, San Marino, September 1984.

Standardized mortality ratio and statistical analysis: Historical perspective. Biometric Society, Nordic Region, Riistina, Finland, September 1985.

The method of expected number of deaths 1786-1886-1986. Meeting of the Nordic and British regions of the Biometric Society, Cambridge, England, April 1986.

Left truncation, the Aalen filter, and the epidemiological information in a cross-sectional sample. 2nd meeting of Danish and French statisticians, Sandbjerg, April 1986.

Confirmatory analysis of survival data using left truncation of the life times of primary survivors. Medical Statistics, Oberwolfach, Germany, February 1987.

Left truncation: Theory and application to survival analysis and epidemiology. Special invited paper, Institute of Mathematical Statistics Annual Meeting, San Francisco, August 1987.

The development of biostatistics and medical statistics. Svenska Statistikersamfundets 25 års jubileumskonferens, Umeå, October 1987.

Unemployment and mortality in Denmark 1970-80. Nordic Seminar on empirical life history analysis and panel studies, Stockholm, November 1987.

Nogle emner fra dødelighedsanalysens tidlige historie. Svenska Aktuarieforeningen, Stockholm, November 1987.

Semi-Markov processes for illness and death fed by Poisson processes. Application to Modelling Prevalence and Incidence. Workshop on Stochastic Modelling in Biology, Heidelberg, Germany, August 1988.

Nonparametric estimation of disease incidence from a cross-sectional sample of a stationary population. Seminar on Stochastic Processes in Epidemic Theory, Marseille-Luminy, France, October 1988.

Statistics in the Lexis diagram. Martingale Methods in Statistics, Oberwolfach, Germany, December 1988.

Nonparametric estimation of Dietz and Schenzle's transmission potential from current-status data. Mathematisches Forschungsinstitut, Oberwolfach, Germany, February 1989.

Estimation of age specific incidence from cross-sectional data. Special Invited Paper, IMS, Baltimore, April 1990.

Likelihood inference under censoring, truncation and filtering. Research Workshop on Likelihood Theory and Application, Niagara-on-the-Lake, Ontario, Canada, June 1990.

Meta-analyses (overviews) in nutritional epidemiology. Tagung der Deutschen Gesellschaft für Medizinische Dokumentation und Statistik, Berlin, September 1990.

Modern survival analysis methods in infectious disease epidemiology. European Conference on Mathematics Applied to Biology and Medicine, Alpe d'Huez, France, January 1991.

Age-specific incidence and prevalence: A statistical perspective. Read paper to The Royal Statistical Society, London, England, February 1991.

Statistical inference in the Lexis diagram. Longitudinal Studies, Oberwolfach, Germany, February 1991.

Estimation of prevalence from incidence, with applications in neuroepidemiology. Workshop on Statistical and Epidemiological Aspects of Cancer Research, Oxford, England, April 1991.

Independent delayed entry. NATO Advanced Research Workshop in Survival Analysis and Related Topics, Columbus, Ohio, U.S.A., June 1991.

Uses of modern survival analysis in epidemiology. Forum Lectures, 19th European Meeting of Statisticians, Barcelona, Spain, September 1991.

Estimation of age-specific immunization rates from current-status data. Conference on Stochastic Modelling for Infectious Diseases, Luminy, France, November 1991.

Medical statistics: An example from diabetes epidemiology. First European Congress of Mathematics, Paris, France, July 1992.

Independent delayed entry and the prevalent cohort study. Joint Statistical Meetings, Boston, U.S.A., August 1992.

Graphical chain models for panel studies with terminal events, illustrated on Framingham data. Workshop on Statistical Association Models, Wiesbaden, Germany, September 1992.

Correction for measurement error. 4th Meeting on Nutritional Epidemiology, WHO and Bundesgesundheitsamt, Berlin, Germany, October 1992.

The Biometric Society: Diversity and Unity. (Presidential address.) XVI International Biometric Conference, Hamilton, New Zealand, December 1992.

Modern survival analysis methods in infectious disease epidemiology. NATO Advanced Research Workshop on Epidemic Models, Isaac Newton Institute, Cambridge, England, January 1993.

Plotting summary predictions in multistate survival models. Medical Statistics. Statistical Methods for Risk Assessment, Oberwolfach, Germany, March 1993.

Survival analysis and epidemiology. Conference on Statistical Inference and Biostatistics, CIMAT, Guanajuato, Mexico, March 1993.

Three current topics in survival analysis. Convegno Nazionale Probabilità e Statistica Matematica, Milano, Italy, July 1993.

Statistical models based on counting processes. Nordic Region, Biometric Society, Bagsværd, October 1993.

Remarkable historical contributions to survival analysis. Interregional Meeting of the German and Netherlands Region of the International Biometric Society, Münster, Germany, March 1994.

Historical controls and modern survival analysis. International Research Conference on Lifetime Data Models in Reliability and Survival Analysis, Boston, U.S.A., June 1994.

The martingale approach to time-sequential survival analysis. Institute of Mathematical Statistics Workshop: Directions in Sequential Analysis, Chapel Hill, NC, U.S.A., June 1994.

Frailty models - their role in describing heterogeneity due to omitted covariates. Workshop on Statistical Methods for Incomplete Covariate Data in Clinical and Epidemiological Studies, Universität Freiburg, Germany, February 1995.

Statistical models based on counting processes. Workshop on Point Process Models, Theory and Applications, INRIA, Sophia-Antipolis, France, May 1995.

Causality models and survival analysis. Workshop on Highly Structured Stochastic Systems: Model Building and Model Interpretation, Marseille-Luminy, June 1995.

Recent applications of survival analysis in epidemiology. 50th Session of the International Statistical Institute, Beijing, August 1995.

Decrease in semen quality over the last 50 years. Meeting of Austrian-Swiss Region of the International Biometric Society, Rapperswil, Schweiz, September 1995.

Example of Frailty Modelling and Survival Synthesis in Multistate Modelling and Methods of Analysis of Survival Data under Interval Censoring. International Workshop: Directions in Implantation Statistics, Heinrich Heine University, Düsseldorf, Germany, October 1995.

The counting process approach to survival analysis and event history analysis: I. Introduction and II. Multistate models and survival synthesis. Workshop: Discrete Longitudinal Data and Event History Analysis, Ludwig-Maximilians-Universität, München, Germany, October 1995.

Evidence for Decreasing Quality of Semen During the Past 50 Years and Survey of Fecundity and Male Reproduction (Meta-Analyses). Male Fertility Panel, Houston, Texas, November 1995.

The graft-versus-leukemia effect analysed by G-computation and G-estimation. Workshop on Longitudinal Data and Causality, Oberwolfach, Germany, February 1996.

Medicinsk statistik i 25 år. Dansk Selskab for Teoretisk Statistik, Middelfart, May 1996.

Some model selection issues in contemporary biostatistics. AMS-SIAM-IMS Joint Summer Research Conference on Adaptive Selection of Models and Statistical Procedures, Mt Holyoke College, South Hadley, Massachusetts, USA, June 1996.

Survival synthesis and other tools for correcting for time-dependent confounders in observational studies. 16 Nordic Conference on Mathematical Statistics, Lahti, Finland, August 1996.

The Cox regression model for survival data in non-life insurance. Description of claim occurrence and possibilities for experience-based individual tariffing. XXVII ASTIN Symposium, Copenhagen, September 1996.

Nonparametric estimation of distribution of time between repeated events under different sampling frames. Workshop on Statistical Modelling of Discrete Data and Structures, München, Germany, October 1996.

The counting process approach to event history analysis and survival synthesis. XVIIeme Rencontre Franco-Belge de Statisticiens “Analyse Statistique des Modèles de Durée”, University of Marne-la-Vallée, November 1996.

Statistical themes in infectious disease epidemiology. Royal Statistical Society Workshop on Stochastic Modelling and Statistical Analysis of Epidemics, Sabhal Mor Ostaig, Skye, Scotland, April 1997.

Multistate models and survival synthesis. Workshop in Medical Statistics, Chalmers University of Technology and University of Göteborg, Sweden, April 1997.

Event history analysis and inference from observational epidemiology. Burning issues in medical statistics, De Montfort University, Leicester, England, July 1997.

Use time to help draw inferences in observational epidemiology. Inferential problems in the analysis of treatment effects, Santa Fe Institute, Santa Fe, USA, July 1997.

Decline of semen quality during the last 50 years and possible links with environmental chemicals. SPRUCE IV, Enschede, Holland, September 1997.

Ghosts. Workshop on Structured Backcalculation, Rome, Italy, November 1997.

Analysis of time to pregnancy data. International Symposium on Environment, Lifestyle & Fertility, Aarhus, December 1997.

Event history analysis and time-dependent confounding. Causal Inference in Medical Statistics, Tartu, Estland, January 1998.

Nonparametric estimation of distributions of time between repeated events under different sampling frames. International Conference in Reliability and Survival Analysis, De Kalb, Illinois, USA, May 1998.

The role of frailty models and accelerated failure time models in describing heterogeneity due to omitted covariates. Workshop on Event History Analysis, Montréal, Canada, May 1998.

Nonparametric estimation of distributions of time between repeated events under different sampling schemes. Workshop on Event History Analysis, Montréal, Canada, May 1998.

Delayed entry of primary survivors in confirmatory analysis of an incidental finding at an interim analysis. Symposium on Practical Issues in the Application of Survival Analysis to Clinical Trials. Medical and Pharmaceutical Statistics Research Unit, The University of Reading, England, October 1998.

Presentation and discussion of the Faeroe Islands studies on issues relevant to the 8 questions. Workshop on Scientific Issues Relevant to Assessment of Health Effects from Exposure to Methylmercury, Raleigh, USA, November 1998.

Selection effects and nonproportional hazards in survival models and models for repeated events. IBC Conference, Cape Town, South Africa, December 1998.

Multistate statistical Models and BMT. IBMTR & ABMTR 1999 Participants' Meeting, Keystone, Colorado, USA, March 1999.

Assessment of environmental toxicity from epidemiological evidence. HSSS/SPRUCE Workshop. Complex Models for Environmental Problems, Cromford, England, May 1999.

Estimating time-to-pregnancy from current durations in a cross-sectional sample. IBS Nordic Regional Conference, Bagsværd, August 1999.

Nogle principielle pointer vedrørende økologiske studier. Dansk Epidemiologisk Selskab, Hindsgavl, September 1999.

Estimation of Distribution of Time Between Repeated Events Under Different Sampling Frames. International Workshop in Statistics and Probability, Indian Statistical Institute, Delhi, India, December 1999.

Beyond recursive graphical models for panel studies. HSSS Workshop: Data analysis with graphical models, München Universität, Germany, March 2000.

Event history analysis: overview. Biometrisches Kolloquium, Rostock, Germany, March 2000.

Two non-standard examples of the classical stratification-based graphical check of proportional hazards. International colloquium on Goodness-of-fit, Paris, France, May 2000.

Analysing time-to-pregnancy data. 14 SINAPE, Caxambu, Brazil, July 2000.

Graphical representations in mortality measurement: Knapp, Zeuner, Becker, Lexis. Workshop on Lexis in context: German and Eastern & Northern European contributions to demography 1860-1910. Max Planck Institut für Demografische Forschung, Rostock, Deutschland, August 2000.

Analysing time-to-pregnancy. Royal Statistical Society Conference RSS 2000, Reading, England, September 2000.

Two examples of isotonic nonparametric maximum likelihood estimators. EURANDOM workshop on Inverse Problems in Statistics, Eindhoven, Holland, January 2001.

Modelling the effects of covariates on transplant outcome. Tandem Bone Marrow Transplantation Meetings, Keystone, Colorado, USA, February 2001.

Sampling frames in event history analysis. International Biometric Society, Nordic Regional Conference, Savonlinna, Finland, June 2001.

Current issues in prediction in event history analysis. Workshop on Causal Inference, Gent, Belgium, June 2001.

Event history analysis: overview. 16. International workshop on statistical modelling, Odense, Denmark, July 2001.

Methodological challenges in assessing neurotoxic effects of prenatal methylmercury exposure and in implementing the information in terms of safety standards. International conference on statistical challenges in environmental health problems. Fukuoka, Japan, August 2001.

Model selection in confounder control: why and how? Workshop on Current Topics in Epidemiology, Copenhagen, Denmark, September 2001.

Sampling frames in event history analysis. 9th Annual Meeting of the Belgian Statistical Society, Oostende, Belgium, October 2001.

Age-period-cohort modelling in the 1870s. Mini-Workshop on the History of Demographic Thinking, Rostock, Germany, October 2001.

Sampling frames in survival analysis. First Barcelona workshop on survival analysis, Barcelona, Spain, June 2002.

Rubin & Westergaard's study on occupational trends in nuptiality and fertility in Copenhagen, 1890. Mini-Symposium on Human Fertility and Fecundity. ISCB, Dijon, France, September 2002.

Statistical approaches to uncertainty. The Precautionary Principle: Implications for Research and Prevention in Environmental and Occupational Health, Bologna, Italy, October 2002.

Multiple testing issues in environmental epidemiology. 2nd Copenhagen workshop on endocrine disruptors, Copenhagen, Denmark, December 2002.

Confounder control: historical perspective on summary calculations and multiplicative models. 49. Biometrische Kolloquium, Wuppertal, Germany, March 2003.

Age-period-cohort models in demography. International Conference on Reliability and Survival Analysis, Columbia, South Carolina, USA, May 2003.

Survival analysis of ALL results with emphasis on recent data: Period analysis. Nordic Society of Pediatric Haematology and Oncology, Umeå, Sweden, May 2003.

Survival analysis and time-varying covariates. Comparison of BMT and conservative treatment. Nordic Society of Pediatric Haematology and Oncology, Umeå, Sweden, May 2003.

Statistical challenges in survival and event history analysis: Complicated sampling frames and Summary statistics. Resampling Methods for Checking Models and Statistical Hypotheses, Oberwolfach, Germany, September 2003.

Measures of explained variation and predictive accuracy for competing risks models. Workshop in Honour of Marvin Zelen, Bordeaux, France, September 2003.

Tutorial on survival analysis in oral health research. First International Meeting on Methodological Issues in Oral Health Research: Follow-up studies, Leuven, Belgium, April 2004.

Event-history analysis and modern causal inference. International Biometric Conference, Cairns, Australia, July 2004.

Event-history analysis and modern causal inference. Causality – a statistical viewpoint, Lysebu, Oslo, Norway, August 2004.

Roles of Statistics in the Life Sciences. ISI Special Conference on “The Vital Role of Statistical Sciences in Assuring National Prosperity”, National Statistical Office, Daejon, Korea, August 2004.

The professional statistician. ISI Special Conference on “The Vital Role of Statistical Sciences in Assuring National Prosperity”, National Statistical Office, Daejon, Korea, August 2004.

Incidence and prevalence in neuroepidemiology: 4 case studies. Danish Epidemiological Society, Hindsø, Denmark, September 2004.

Two practical problems in survival analysis of leukaemia studies: Comparison of BMT and conservative treatment; Period analysis: emphasis on recent data. Tandem BMT Meetings, Keystone (Colorado), USA, February 2005.

Statistics for life: what are the statistical ideas that matter most and why? 55th Session of the ISI, Sydney, Australia, April 2005.

Fertility: Behavioural and biological determinants; time to pregnancy. Nordic Region of International Biometric Society, Oslo, Norway, June 2005.

Design and analysis of time-to-pregnancy studies. Centre for Advanced Study, Oslo, Norway, August 2005.

Design and analysis of time-to-pregnancy studies. Conference en l'honneur de Niels Keiding, Université Victor Segalen, Bordeaux 2, France, October 2005.

Clare Weinberg's pitfall. Seminar organised by Centre for Advanced Study, Moss, Norway, January 2006.

Lectures on "Survival and event history analysis", Irish Statistical Society, Trinity College, Dublin, Ireland, March 2006.

Survival analysis in oral health data, IBC Satellite Meeting: Statistical and epidemiological methods for oral health research, Montreal, Canada, July 2006.

Design and analysis of time-to-pregnancy, ISCB27, Genève, Switzerland, August 2006.

Parameter interpretation in multilevel models, Danish Epidemiological Society, Hindsø, Denmark, September 2006.

Mortality of Danish women, International Alliance of Research Universities seminar, University of Copenhagen, October 2006.

Sampling patterns for time-to-pregnancy, 4th Meeting of the Eastern Mediterranean Region of the International Biometric Society, Eilat, Israel, January 2007.

Causality and graphical models, Seminar in Event History Analysis, Lillehammer, Norway, March 2007.

Statistik, horoskoper og ærter (Statistics, horoscopes, and peas). Det 24. Nordiske statistikermøde, Reykjavik, Iceland, June 2007.

Statistics: melancholy, optimism, the future. 56th Session of the ISI, Lisbon, Portugal, August 2007.

Advances in life history events analysis in epidemiology and fertility studies. Symposium on The Demography of Europe in honour of Professor Jan M. Hoem, Max Planck Institute of Demographic Research, Rostock, Germany, November 2007.

Medical statistics: the dialogue, 25th anniversary of Department of Biostatistics, University of Oslo, Norway, November 2007.

Gustav Zeuner, "Matematische Statistik" and early demography. Recent challenges for statistics in the biosciences – 100 years after Gustav Zeuner, Freiberg, Sachsen, Germany, January 2008.

The three descriptive probabilities in competing risks analysis. President's invited paper, 29th Meeting of the International Society for Clinical Biostatistics, Copenhagen, August 2008.

The Spanish flu in Denmark 1918: three contrasting approaches. DIMACS/ECDC Workshop, Tübingen, Germany, October 2008.

Event history analysis and the cross-section. Groupe de Recherche Biostatistique, Paris, November 2008.

Rates of births and induced abortions in Denmark according to age, previous births, and previous abortions. 57th Session of the International Statistical Institute, Durban, South Africa, August 2009 (via e-link).

The role of study design in the evaluation of health effects of postmenopausal hormone therapy. Workshop on causal modelling, Oslo, Norway, September 2009.

Age-period-cohort analysis in the 1870s: Diagrams, stereograms and the basic differential equation. Symposium in honour of J.D. Kalbfleisch and J.F. Lawless, University of Waterloo, Canada, May 2010.

Analysis of time-to-pregnancy from current duration data. Annual meeting of the Statistical Society of Canada, Quebec City, May 2010.

Direct and indirect standardization in demography and statistics, 23rd Nordic Conference on Mathematical Statistics. Voss, Norway, June 2010.

Estimation of waiting time based on current duration data, 10th International Vilnius Conference on Probability Theory and Mathematical Statistics. Vilnius, Litauen, July 2010.

Estimation of a survival distribution from observations of the backward recurrence time, with application to time-to-pregnancy. 5th International Conference on Soft Methods in Probability and Statistics. Oviedo, Spain, September 2010.

Reproducible research and the substantive context. Validation in Statistics and Machine Learning. Weierstrass Institute for Applied Analysis and Stochastics, Berlin, October 2010.

The problem of attrition by death in longitudinal studies of the elderly (with V. Siersma). Workshop "Epidemiology of aging: Methodological challenges", Hôpital St-Perine, Paris, November 2010.

Estimation in illness-death models with all transitions interval-censored, 25th International Biometric Conference in Florianópolis, Brazil, December 2010.

Standardization vs. modelling for confounder control in observational studies: a historical perspective. Danish Epidemiological Society, Aarhus, Denmark, April 2011.

The current duration (backward recurrence time) approach to estimating time to pregnancy. Scandinavian Journal of Statistics Invited Lecture. Third Nordic-Baltic Biometric Conference, Turku, Finland June 2011.

The current duration (backward recurrence time) approach to estimating the distribution of time to pregnancy. Applied Statistics 2011. Ribno (Bled), Slovenia, September 2011.

The current duration approach to estimating the distribution of time to pregnancy and Standardization vs. modelling for confounder control in observational studies: a historical perspective.

40th Stochastics Meeting. Lunteren, Holland, November 2011.

Goodness-of-fit of the statistical models used in the current duration approach and

Prevalent cohort study - use of the follow-up data in ObsEFF.

Meeting of the Epidemiological Observatory of Fecundity in France. St. Francois-des-Sales, Frankrig, June 2012.

Multiple comparisons in DAISY. Meeting of MEthods for LOngitudinal studies in DEMentia (MELODEM), Paris, May 2013.

Prevalent cohort study - use of follow-up data in ObsEff. Annual Meeting of ObsEff. St Francois-de-Sales, France, June 2013.

Control for confounding in observational studies 1963-2013. Minisymposium - Developments in Medical Statistics 1963 – 2013. Centre for Medical Biometry and Medical Informatics, Albert-Ludwig-University, Freiburg, Germany, November 2013.

Event History Analysis: Introduction and biostatistical applications Multistate Models: Bridging Biostatistics, Demography and Econometrics. Lorentz Center, University of Leiden, Holland, March 2014.

The current duration approach to estimating time-to-pregnancy. Meeting of Eastern North American Region (ENAR) of the International Biometric Society. Baltimore, USA, March 2014.

Standardization and confounder control during the BSU years. MRC Centenary Conference. Cambridge, England, March 2014.

Confounder control: standardization, regression, time-dependent confounding UK Causal Inference Meeting. Cambridge University, Cambridge, England, April 2014.

Selection in time-to-pregnancy studies. National Seminar in Reproductive Epidemiology. Aarhus University, Aarhus, Denmark, June 2014.

Dynamic statistical modelling of maintenance therapy of children with acute lymphoblastic leukaemia (joint with Susanne Rosthøj and Kjeld Schmiegelow). Symposium to the memory of John P. Klein. Medical College of Wisconsin, Milwaukee, Wisconsin, USA, June 2014.

The current duration approach to analysing time-to-pregnancy: direct validation using an imbedded prevalent cohort study. Statistical Analysis of Multi-Outcome Data. University of Cambridge, England, July 2014.

Survival analysis aspects of the epidemiology of ageing Minisymposium ‘Statistical challenges in the epidemiology of ageing’. ISCB 2014, Wien, August 2014.

The prehistory of medical statistics in Denmark in the 19th century. Election as Honorary Member at the Annual General Meeting. Danish Society of Theoretical Statistics, Copenhagen, February 2015.

Perils and Potentials of Self-selected Entry to Epidemiological Studies and Surveys: Part I, Epidemiology Focus. Royal Statistical Society Ordinary Meeting. Joint Statistical Meetings, Seattle, USA , August 2015.

Effects of unobserved heterogeneity on methods for analysing prevalent cohort and current duration designs. CFE-CMStatistics, London, England, December 2015.

Generalization from self-selected epidemiological studies. Danish Epidemiological Society, Nyborg, Denmark , April 2016. *Generalization from self-selected epidemiological studies*. 26th Nordic Conference on Mathematical Statistics. Copenhagen, Denmark, June 2016.

Generalization from self-selected epidemiological studies. Developing a Comprehensive, Integrated Framework for Advanced Statistical Analyses of Observational Studies (STRATOS). Banff International Research Station (BIRS), Banff, Canada, July 2016.

Prevalent cohort studies and unobserved heterogeneity. International Society for Clinical Biostatistics. Birmingham, England, August 2016.

Generalization from self-selected epidemiological studies. FRIAS Junior Researcher Conference: Avoiding Bias Induced by Design and Analysis in Life History Cohort Studies. Freiburg Institute for Advanced Studies, Freiburg, Germany, September 2016.

Standardization vs. modelling for confounder control in observational studies: a historical perspective and

Web-based Enrollment and other types of Selection: Consequences for Generalizability.

Statistical Days. University of Turku, Finland, May 2017.

Survival around a cross-section and unobserved heterogeneity. Conference on Lifetime Data Science. University of Connecticut, Storrs, USA, May 2017.

Survival around a cross-section and unobserved heterogeneity. 17th Nordic-Baltic Biometric Conference, Copenhagen, Denmark, June 2017

Survival around a cross-section and unobserved heterogeneity. Olle Nerman Symposium. Chalmers University of Technology, Gothenburg, Sweden, September 2017.

Selection Bias. Statistics and the Real World. Symposium at the occasion of Richard D. Gill’s retirement. Lorentz Center, University of Leiden, Holland, September 2017.

Prevalent cohort studies and unobserved heterogeneity. Symposium at the occasion of Odd O. Aalen's 70th birthday. University of Oslo, Norway, October 2017.

B. Invited papers and courses at foreign universities etc. (incomplete until 1978)

Forgreningsprocesser og demografi. Matematik, Chalmers Tekniska Högskola, Göteborg, May 1973.

En diskriminans-analyse for hypercalcaemiske patienter. Matematisk Institutt, Universitetet i Oslo, February 1977.

Short course and workshop on statistical analysis of survival data. Deutsches Krebsforschungszentrum, Heidelberg, Germany, July 1979.

Statistisk Forskningsenheds opbygning og eksempler på anvendt-statistiske projekter i Forskningsenheden. Universitetet i Tromsø, October 1979.

Interaction between life history events. University of London Joint Statistics Seminar, November 1980.

Vekselvirkning mellem processer i et livsforløb. Statistiska Institutionen, Lunds Universitet, January 1981.

Vekselvirkning mellem begivenheder i et livsforløb. Matematisk Statistik, Stockholm Universitet, February 1982.

Eksempler på anvendt-statistiske projekter ved Statistisk Forskningsenhed. Matematisk Institut, Universitetet i Oslo, August 1983.

Statistisk analyse af overlevelsedata. Nordisk Forskerkursus, Särö, Sweden, July 1984.

Illustration og præsentation af Cox-analyse i et klinisk forsøg. Seminariedagar över Statistisk Analys av Räkneprocesser, Stockholm, Sweden, January 1985.

Analyse af parvise data og stokastisk heterogenitet. Seminariedagar över Statistisk Analys av Räkneprocesser, Stockholm, Sweden, January 1985.

Den indirekte standardiserings tidlige historie. Inst. for Demografi og Matematisk Statistik, Stockholms Universitet, Sweden, January 1985.

“*Statistical Research Unit*”. Warszawa, Poland, April 1985.

Analysis of a clinical trial on liver cirrhosis. Warszawa, Poland, April 1985.

Epidemiological studies of diabetes mellitus in Denmark. Warszawa, Poland, April 1985.

”*Statistisk Forskningsenhed*”. Universitetet i Trondheim, Norway, May 1985.

Eksempler på anvendt-statistiske projekter i Statistisk Forskningsenhed. Norges Tekniske Høgskole, Trondheim, Norway, May 1985.

Interaction between life history events. Humboldt-Universität, Berlin, Germany, June 1985.

Censoring in counting process models. The Fred Hutchinson Cancer Research Center, Seattle, November 1985.

Time-dependent covariates. The Fred Hutchinson Cancer Research Center, Seattle, December 1985.

Statistical models for relative mortality then and now. Department of Statistics, University of British Columbia, Vancouver, January 1986.

Statistical models for relative mortality then and now. Department of Statistics, Oregon State University, Corvallis, January 1986.

Statistical models for relative mortality then and now. Department of Biostatistics, University of Washington, Seattle, January 1986.

The epidemiological information in a cross-sectional sample. Department of Biostatistics, University of Washington, Seattle, January 1986.

Left truncation: Theory and application to survival analysis and epidemiology. Tübingen Universität, June 1987.

Confirmatory analysis of survival data using left truncation of the life times of primary survivors illustrated by data from the Danish Breast Cancer Cooperative Group. München Universität, June 1987.

Left truncation: Theory and application to survival analysis and epidemiology. Australian National University, Canberra, September 1987.

Left truncation: Theory and application to survival analysis and epidemiology. La Trobe University, Bundoora, Victoria, September 1987.

Modelling excess mortality of the unemployed: Choice of scale and extra-Poisson variability. Radiation Effects Research Foundation, Hiroshima, September 1987.

Reversible illness - death processes: Nonparametric estimation, treatment - interaction. Universität Freiburg, Germany, September 1987.

Random truncation models and Markov processes. Monash University, Melbourne, May 1988.

Statistical methods for the analysis of life history data. 4 lectures at a Workshop arranged by Medical Sciences Section, Statistical Society of Australia, Canberra, May 1988.

Case-cohort analysis. Seminar on Statistical Methods of Prevention Trials, Espoo, Finland, May 1988.

The epidemiological information in a cross-sectional sample. MRC Biostatistics Unit, Cambridge, January 1989.

The epidemiological information in a cross-sectional sample. University of Oxford, January 1989.

Left truncation: Theory and application to survival analysis and epidemiology. University of Bath, January 1989.

The epidemiological information in a cross-sectional sample. Imperial Cancer Research Fund, London, February 1989.

The epidemiological information in a cross-sectional sample. University of Southampton, February 1989.

Left truncation: Theory and application to survival analysis and epidemiology. University of Cambridge, February 1989.

Martingales and Markov processes as tools in the statistical analysis of censored and truncated data. University of London, Probability Seminar, February 1989.

Nonparametric estimation of disease incidence from current-status data. Delft Technical University, Holland, May 1989.

The epidemiological information in a cross-sectional sample - a statistical perspective. Biometric Society, Hungarian Region, Budapest, Hungary, September 1989.

Estimation of age specific incidence from cross-sectional data. Department of Mathematics, The University of Western Australia, November 1989.

Assessing diabetic incidence and mortality in Denmark. Statistics in Diabetes Research Workshop, The University of Western Australia, November 1989.

Retrospective estimation of diabetic incidence based on a prevalent cohort. Statistics in Diabetes Research Workshop, The University of Western Australia, November 1989.

Estimation of the size distribution of fibrillar centres in nucleoli - an example of the "Swiss cheese" problem in stereology. Department of Mathematics, The University of Western Australia, December 1989.

Estimation of age specific incidence from cross-sectional data. Department of Statistics, The Ohio State University, Columbus, April 1990.

Kalendertid og alder - statistisk analyse i Lexis diagram. Matematisk Institut, Universitetet i Oslo, May 1990.

Nonparametric estimation of age-dependent incidence rates of infectious diseases with life-long immunity, illustrated by cross-sectional data on rubella in Austria. Technische Universität Wien, November 1990.

Age-specific incidence and prevalence: A statistical perspective. University of California, Los Angeles, U.S.A., May 1991.

Statistical inference in the Lexis diagram. University of California, Los Angeles, U.S.A., May 1991.

Historical perspectives and modern insights into important survival analysis techniques. American Statistical Association, Columbus, Ohio Chapter, U.S.A., May 1991.

New and old applications of statistical survival analysis in medicine and epidemiology. The Ohio State University, Columbus, U.S.A., May 1991.

Age-specific incidence and prevalence: A statistical perspective. Johns Hopkins University, Baltimore, U.S.A., June 1991.

Age-specific incidence and prevalence: A statistical perspective. National Cancer Institute, Rockville, Maryland, U.S.A., June 1991.

Age-specific incidence and prevalence: A statistical perspective. Duke University Medical Center, Durham, N.C., U.S.A., June 1991.

Martingale methods and modern survival analysis. Università degli Studi, Milano, Italy, January 1992.

Martingale methods and modern survival analysis. Politecnico Torino, Italy, January 1992.

Independent delayed entry and the prevalent cohort study. Chalmers Tekniska Högskola, Göteborg, Sweden, February 1993.

Plotting summary predictions in multistate survival models. Dept. of Applied Mathematics and Statistics, University of Oulu, Finland, February 1993.

Short course on recent methods for biostatistical analysis of series of events. Institute of Statistics, Academia Sinica, Taipei, Taiwan, November 1993.

Kursus i överlevnadsanalys. Föreningen för Medicinsk Statistik, Lund, Sweden, November 1994.

Three current topics in survival analysis. Lunds Universitet and Lunds Tekniska Högskola, Sweden, November 1994.

Short course at “Workshop on Counting Processes and Applications”. Università degli Studi, Milano, Italy, January 1995.

Recent applications of survival analysis in epidemiology. “Statistics days”, Universität Wien, Austria, March 1995.

Frailty. Course on survival analysis, Italian Region of International Biometric Society, Gargnano, Italy, September 1995.

Counting processes and event history analysis. Course at Wilhelm-Kempff-Haus, Wiesbaden, Germany, January 1996.

Survival synthesis. INSERM, Paris, February 1996.

Multistate models and dynamic probabilistic causality. Université Catholique de Louvain-La-Neuve, Belgium, March 1996.

Recent Applications of Survival Analysis to Epidemiology. De Rol van Biostatistiek in Medisch Onderzoek (Symposium in honour of R. van Strik), Rotterdam, Holland, November 1996.

Event history analysis and inference from observational epidemiology. Department of Statistics and Actuarial Science, University of Waterloo, Canada, March 1998.

Nonparametric estimation of time between repeated events under different sampling frames. Department of Statistics and Actuarial Science, University of Waterloo, Canada, March 1998.

Event history analysis and inference from observational epidemiology. Departments of Biostatistics and Epidemiology, Harvard School of Public Health, USA, March 1998.

Nonparametric estimation of time between repeated events under different sampling frames. Department of Biostatistics and International Bone Marrow Transplant Registry, Medical College of Wisconsin, Milwaukee, USA, March 1998.

3 lectures at Atelier de formation 100: Workshop on Multi-state models in epidemiology. INSERM, Le Vésinet, France, June 1998.

Selection effects and nonproportional hazards in survival models and models for repeated events. Department of Statistics, North Carolina State University, USA, November 1998.

Inference from observational epidemiology: Beyond multistate models. Institut für Statistik, Universität München, Germany, January 1999.

Counting processes for survival analysis. Università Bocconi, Milano, Italy, February 1999.

Event history analysis and inference from observational epidemiology. Istituto di statistica medical e biometria, Università degli studi di Milano, Italy, February 1999.

Delayed entry of primary survivors in confirmatory analysis of an incidental finding at an interim analysis. Università vita-salute San Raffaele, Milano, Italy, February 1999.

Advanced Statistics Workshop for Clinicians. IBMTR & AMBTR 1999 Participants' Meeting, Keystone, Colorado, USA, March 1999.

Estimating time-to-pregnancy from current durations in a cross-sectional sample. Department of Epidemiology, Imperial College, London, England, August 1999.

Multistate models in Epidemiology. Université Paris V, Paris, France, May 2000.

Estimation of distribution of time between repeated events under different sampling frames. Université Paris V, Paris, France, May 2000.

Analysis of time-to-pregnancy data. Université Paris V, Paris, France, May 2000.

Multistate models and outcome prediction in bone marrow transplantation. INSERM U521, Institut Gustave Roussy, Paris, France, May 2000.

Analysis of time-to-pregnancy. INSERM U472, Hôpital Paul Brousse, Paris, France, May 2000.

Advanced Data Management: A short course on statistical methods II. Tandem Bone Marrow Transplantation Meetings, Keystone, Colorado, USA, February 2001.

6 lectures on survival analysis. 3^e Cycle romand de statistique et probabilités appliquées Séminaire de printemps, Champéry (VS), Schweiz, March 2001.

Event histories and their analysis. Lecture at Harvard Schools of Public Health on the occasion of the Marvin Zelen Leadership Award in Statistical Science, Boston, USA, June 2001.

Event history analysis, course. ISBC 2001, Stockholm, Sweden, August 2001.

Event history analysis: overview. Radiation effects research foundation, Hiroshima, Japan, September 2001.

Event history analysis and the cross-section. Lancaster University, England, January 2002.

Intermediate variables and prediction. Lancaster University, England, January 2002.

Event history analysis and the cross-section. Lunds Tekniska Högskola, Sweden, April 2002.

Event history analysis and the cross-section. Division of Biostatistics and Bioinformatics, National Health Research Institute, Taipei, Taiwan, October 2002.

Event history analysis: overview. Department of Statistical Science, Academia Sinica, Taipei, Taiwan, October 2002.

Intermediate variables and prediction. National Taiwan University, School of Public Health, Taipei, Taiwan, October 2002.

Age-period-cohort models in demography. Statistical Institute, Umeå University, Sweden, May 2003.

8 lectures on New Statistical Methods in Epidemiology. Klimpfjäll, Sweden, March 2004.

Event history analysis and the cross-section. University of Korea, Seoul, Korea, August 2004.

Biostatisticians – the Danish model: the challenge of using both cerebral hemispheres. 10 year anniversary, Institute of Biostatistics, University of Aarhus, October 2004.

Prevalent cohorts, Division of Biostatistics, Medical College of Wisconsin, Milwaukee, U.S.A., February 2005.

Prevalent cohorts, Departments of Biostatistics and Statistics, University of Wisconsin, Madison, U.S.A., February 2005.

Age-period-cohort models, Institute of Public Health, University of Southern Denmark, June 2005.

Time-dependent confounders. Department of Biostatistics, University of Aarhus, Denmark, June 2005.

Event history analysis and the cross-section. Medical Statistics, University of Oslo, Norway, January 2006.

Event history analysis and the cross-section. Institut für Medizinische Biometrie und Medizinische Informatik, Universität Freiburg, Germany, April 2008.

Event history analysis and the cross-section. Universität Zürich, May 2008.

Design and analysis of time-to-pregnancy, ETH, Zürich, May 2008.

Design and analysis of time-to-pregnancy studies. Department of Medical Epidemiology and Biostatistics, Karolinska institutet, Stockholm, Sweden, February 2009.

Event history analysis and the cross-section. Department of Statistics, University of Chicago, USA.

Greenberg Lecture Series: 1. Event history analysis and the cross-section. 2. Design and analysis of time-to-pregnancy – Classical approaches. 3. Design and analysis of time-to-pregnancy – Current duration data. 4. Pharmacoepidemiology: prescription registries and cross-sectional surveys. Department of Biostatistics, University of North Carolina, Chapel Hill, NC, USA, May 2009.

Biostatisticians: the Danish model: the challenge of using both cerebral hemispheres. Leiden University, The Netherlands, August 2009.

Estimation of time-to-pregnancy from current duration data. MRC Biostatistics Unit, Cambridge, England, October 2009.

Analysis of time-to-pregnancy. MRC Centre for Causal Analyses in Translational Epidemiology. Department of Social Medicine, University of Bristol, England, November 2009.

Estimating time-to-pregnancy from current duration data, Fred Hutchinson Cancer Research Center, Seattle, WA, USA, October 2010.

The Norman E. Breslow lecture: "Standardization vs. modelling for confounder control in observational studies: a historical perspective". Department of Biostatistics, University of Washington, Seattle, October 2010.

The current duration approach to estimating the distribution of time to pregnancy, with application to ObsEff: the Observatory of Fecundity in France. Université Paris-Descartes, Paris, France, September 2011.

The current duration (backward recurrence time) approach to estimating time to pregnancy. CREATES, Department of Economics, Aarhus University, Aarhus, Denmark, October 2011.

Measurement uncertainty in the exposure variable: classical error and Berkson-error. Department of Occupational and Environmental Medicine, Bispebjerg Hospital, Copenhagen, December 2011.

The current duration (backward recurrence time) approach to estimating time to pregnancy. Royal Statistical Society, Oxford Local Group, England, February 2012.

Aspects of analysis of cluster randomized community intervention trials. Centre for Intervention Research, Køge, Denmark, October 2012.

Design and analysis of time to pregnancy. DTU-COMPUTE, Nødebo, Denmark, January 2013.

Standardization and control for confounding in observational studies: a historical perspective. Department of Statistics, University of Lund, March 2013.

Standardization and control for confounding in observational studies: a historical perspective. Seminar in Applied Statistics, Department of Biostatistics, University of Copenhagen, March 2013.

Design and analysis of time-to-pregnancy. Stern School of Business, New York University, New York, USA, March 2014.

Confounder control: standardization, regression, time-dependent confounding. 'Statistical Summit', Lundbeck. Valby, Denmark, April 2014.

Biostatistics: The delicate balance. My retirement. University of Copenhagen, Øster Farimagsgade 5, Copenhagen, August 2014.

The current duration approach to estimating time-to-pregnancy. Thiele seminar, Department of Mathematics, University of Aarhus, September 2014.

Forskerordningens betydning for forskningen og den offentlige statistik Forskningservice 25 år. Danmarks Statistik, Copenhagen, Denmark, November 2014

Highlights from the development of biostatistics – is there a Danish model? Summer school of Danish graduate school of public health (GRASPH). Klarskovgaard, Korsør, Denmark, May 2015.

Dødelighed af brystkræft (Mortality of breast cancer). Conclusion of Mammography evaluation. Research council of Norway, Oslo, Norway, September 2015.

The prehistory of medical statistics in Denmark in the 19th century. University of Southern Denmark, Odense, Denmark, November 2015.

Prevalent cohort studies and unobserved heterogeneity. School of Mathematics and Statistics, University of Newcastle, England, June 2016.

Jan Hoem's contributions to methodology Memorial event for Jan M. Hoem. Max Planck Institute of Demographic Research, Rostock, Germany, April 2017.

Becoming a Biostatistician. Young Statisticians Copenhagen, Maersk Tower, University of Copenhagen, January 2018.

C. Invited discussion contributions at international conferences.

Multiple decision theory. 5th Nordic Conference on Mathematical Statistics, June 1973.

Statistical theory and demography. 6th Nordic Conference on Mathematical Statistics, June 1975.

Conference on Life Cycle Aspects of the Labor Market, Seven Springs, New York, October 1978.

Statistical analysis of survival data. 13th European Meeting of Statisticians, Brighton, September 1980.

Statistical methods in epidemiology; Forum lectures by N.E. Breslow. 16th European Meeting of Statisticians, Marburg, September 1984.

Protection of privacy in official statistics. Conference on Protection of Privacy etc., Statistical Office of the European Communities, Luxembourg, December 1984.

Diabetes epidemiology. 8th Steno Symposium “Epidemiology as a tool in the study of insulin dependent diabetes mellitus”, Vedbæk, May 1986.

Survival models and martingale dynamics. 12th Nordic Conference on Mathematical Statistics, Åbo, June 1988.

Methods for handling overdispersion. 14th International Biometric Conference, Namur, Belgium, July 1988.

Interval censoring. Joint Statistical Meetings, Boston, August 1992.

Bayesian methods in biostatistics. 20th European Meeting of Statisticians, Bath, September 1992.

Drug surveillance. 49th Session of International Statistical Institute, Firenze, August 1993.

Infectious disease epidemiology. 50th Session of International Statistical Institute, Beijing, August 1995.

Invited discussion at 50 year celebration session. The XVIIIth International Biometric Conference, Amsterdam, Holland, July 1996

Round Table on “Epidemiological approaches”. INSERM – Philippe Laudat Conference on Environmental impact on male reproductive function, Aix-les-Bains, Frankrig, November 1996.

Statistics and the assessment of causality. 52nd session of International Statistical Institute, Helsinki, Finland, August 1999.

Invited discussion. NorFa workshop on new developments in event history analysis, Oslo, Norway, November 2001.

Seconder of vote of thanks for C.P. Farrington & H.J. Whitaker: *Semiparametric analysis of case series data.* Royal Statistical Society, London, England, May 2006.

Contribution to Panel Discussion on *Conflict of interest concerns in biostatistical work*, 23rd International Biometric Conference, Montreal, Canada, July 2006.

Panel Discussion: *Challenges in observational studies and clinical trials.* Conference on statistical methods in epidemiology and observational studies in honour of Norman E. Breslow, Seattle, U.S.A., August 2006.

Contribution to Panel Discussion on *Conflict of Interest Concerns in Medical Statistics*, Joint Statistical Meetings, Salt Lake City, Utah, USA, August 2007.

Panel Discussion. Causal inference: State-of-the-art. University of Cambridge, England, March 2009.

Introduction to panel discussion. Symposium on Causal Mediation Analysis. University of Gent, Belgium, January 2013.

D. Contributed papers at international conferences (incomplete until 1979).

Asymptotic properties of Bayesian decision rules for two terminal decisions and multiple sampling. Institute of Mathematical Statistics, Meeting of the European Region, Hannover, August 1970.

Maximum likelihood estimation of the size distribution of liver cell nuclei from the observed distribution in a plane section. Third International Congress for Stereology, Bern, August 1971.

Estimation theory for branching processes. 40th Session of the International Statistical Institute, Warszawa, September 1975.

Case-control studies. 8. Nordiske Konference om Matematisk Statistik, Mariehamn, May 1980.

Circadian variation in the cell kinetics of the S-phase in the hamster cheek pouch epithelium. XIth Meeting, European Study Group for Cell Proliferation, Aarhus, May 1981.

Circadian variation in influx and transition intensities in the S-phase in the hamster cheek pouch epithelium cells. 14th European Meeting of Statisticians, Wroclaw, Poland, September 1981.

Evaluating prognoses based on the proportional hazards model. Biometrie 82, Toulouse, September 1982.

Statistical Research Unit, Copenhagen. Conference of MRC Statisticians, Mathematicians and Computer Scientists, Cambridge, England, September 1982.

Westergaard and the early development of indirect standardization. 45th Session ISI, Amsterdam, Holland, August 1985.

The epidemiological information in a cross-sectional sample. 11. Nordiske Konference om Matematisk Statistik, Uppsala, June 1986.

The epidemiological information in a cross-sectional sample: A statistical perspective. 13th International Biometric Conference, Seattle, U.S.A., July 1986.

Retrospective calculation of diabetes incidence from information in a current prevalent population and historical mortality. 46 Session of International Statistical Institute, Tokyo, September 1987.

Maximum likelihood estimation in the "Swiss cheese" problem in stereology. Nordic regional meeting - Biometric Society, Iceland, August 1989.

Nonparametric estimation of Dietz and Schenzle's transmission potential from current-status data. 47th Session, ISI, Paris, September 1989.

Statistical inference in the Lexis diagram. 53rd IMS Annual Meeting and 2nd Bernoulli Society World Congress, Uppsala, Sweden, August 1990.

Random censoring and coarsening at random. 49th Session of International Statistical Institute, Firenze, Italy, August 1993.

Accelerated failure times vs. proportional hazards for describing residual heterogeneity. The XVIIIth International Biometric Conference, Amsterdam, Holland, July 1996.

Beyond prediction: the exposure/confounder distinction in epidemiology (with E. Budtz-Jørgensen). Workshop on prediction, Nor-Fa Network on Biostatistics, Odense, February 1999.

Brug af "multistage competing risks models" i analyse og syntese af prognosen i observationelle og interventionelle studier. Dansk Epidemiologisk Selskab, Hindsgavl, September 2000.

Age-period-cohort analysis in the 1870s. 53rd session of ISI, Seoul, South Korea, August 2001.

Mediation proportion. International Biometric Conference, Freiburg, Germany, July 2002.

Age-period-cohort modelling of the mortality of Danish women. 54th Session of ISI, Berlin, Germany, August 2003.

Dynamic treatment of childhood acute lymphoblastic leukaemia (poster with Susanne Rosthøj and Kjeld Schmiegelow). Challenges in Dynamic Treatment Regimes and Multistage Decision-Making. Statistical and Applied Mathematics Sciences Institute, North Carolina, U.S.A., June 2007.

Estimation of the time between repeated events under different sampling patterns. 58th ISI World Statistics Congress, Dublin, August 2011.

Censoring and competing risks problems in the current duration approach to monitoring time to pregnancy. International Biometric Conference. Kobe, Japan, August 2012.

The current duration approach to analysing time-to-pregnancy: direct validation using an imbedded prevalent cohort study. Joint Statistical Meetings 2013, Montreal, Canada, August 2013.

Standardization and confounder control in observational studies: A historical perspective. International Biometric Conference. Firenze, Italy, July 2014.

Unobserved heterogeneity in prevalent cohort and current duration designs. Joint Statistical Meetings. Chicago, USA, August 2016.