

14 Presentation av ansvarig i ledningsgrupp

Stryk det som inte passar.

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Born October 1, 1955

Academic degrees

1980 Bachelor of Science
 1986 Doctor of Philosophy
 1990 Docent

Positions

1978-1985 Research assistant in statistics (Dept. of Psychiatry), Karolinska Institute
 1985-1990 Assistant professor (Mathematical Statistics), Stockholm University
 1990-1998 Lecturer (Mathematical Statistics), Uppsala University
 1998- Professor (Statistics/Biometry), Swedish University of Agricultural Sciences

Published papers in refereed journals 45
 Published papers in refereed journals over the last 5 years 20
 Book manuscript accepted by Kluwer, pp 480.

Invited speaker at international conferences over the last 5 years 17
 Invited international research visits over the last 5 years (longer) 3
 Invited international research visits over the last 5 years (shorter) 9

Member of programme committee of international conferences over the last 5 years 6

Associate editor of Scandinavian Journal of Statistics, 1999-
 Associate editor of Journal of Statistical Planning and Inference, 2001-

Main supervisor of undergraduate thesis 18
 Main supervisor of licentiate thesis 6
 licentiate thesis to be presented next semester 2
 Main supervisor of thesis 4

International coworkers: Professor Kai-Tai Fang, Hong Kong,
 Professor Muni Srivastava, Toronto,
 Professor Tonu Kollo, Tartu.
 Professor Bimal Sinha, Baltimore

Organising conferences: International: Satellite meeting of ISI 1998 (image analysis & statistics)
 National 1994, 1996 (biostatistics)
 Local 1989, 2000 (biostatistics)

Research interests

My main research interest is within the field of multivariate linear models. In particular the Growth Curve model has been studied. It is in some sense the most basic multivariate linear model since it is based on a bilinear mean structure. A consequence of the model assumptions are that maximum likelihood estimators (MLEs) of the mean parameters are non-linear and the estimators of the mean structure and the covariance matrix are not independent. Moment expressions for the MLEs have been studied which involves moments for the normal, Wishart and inverted Wishart distributions. These moments have been used in Edgeworth type approximations of the densities. Furthermore, general extensions of the model have been worked on. Multivariate residuals and estimations procedures under non-normality have been considered as well as when covariance matrices are singular. Other interests are PLS, applied linear algebra which includes linear equations, matrix derivatives and decompositions of linear spaces. An ongoing project with Tonu Kollo, Tartu University is the writing of a book on advanced multivariate analysis.