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## Teaching portfolio

Development of teaching has always been profound and a matter of priority for me. Thus, I was among the first at the Faculty of Business and Social Science to develop a teaching portfolio back in the 00es, and I have continually participated in several activities aiming at development of teaching as described below.

### 1. Pedagogical idea

A substantial part of my teaching has been within methodological and quantitative disciplines like statistics, econometrics, operations analysis etc. These disciplines have individual subjects and topics but are furthermore characterized by serving as tool – and supportive disciplines for other disciplines. Thus, profound core of my teaching has been to show connections to other disciplines through exercises, cases and supplemental materials. Furthermore, it is my experience that many students have difficulties in acquiring methodological and quantitative skills – even larger difficulties than they believe themselves. Therefore, I have always emphasized an interactive teaching approach, where the students are offered the opportunity of participating actively in their own learning through exercises, working with projects, presentation, individual and group work etc.

### 2. Teaching experience

I have been teacher as well as contributed to course development and course coordination for a good many methodological and quantitative courses; see overview below. Besides, I have supervised thesis writing on all levels as main as well as secondary supervisor. Besides, I have participated in several committees, including a committee for development of teaching portfolios, a committee for development of Blended Learning, and The Educational Committee. Finally, I have been Director of the PhD School at The Faculty of Business and Social Science, PhD Coordinator for Health Economics, chairman for The Professional Committee for the PhD Education in Economics, and chairman of the PhD Committee at The Faculty of Business and Social Science.

Teaching experience at bachelor level (selected):

- Econometrics for Bach. Oecon., Bach. Scient. Oecon. and HA (course director and teacher)
- Statistics for HA og Oecon. (course director for all campus cities and teacher)
- Statistics for HA-English og Negot. (course director for all campus cities)
- Statistics for Scient. Pol. (course director)
- Statistics for HD (course director for all campus cities and teacher)
- Statistics for Marketing and Process Control at The Technical Faculty (course director and teacher)

Teaching experience at MSc level (selected):

- Applied econometrics (course director and teacher)
- Factor Analysis and Covariance Models (course director and teacher)
- Microeconometrics (course director and teacher)
- Advanced Statistics (course director and teacher)
- Advanced Econometrics (course director and teacher)
- Dynamic Econometrics (course director and teacher)
- Financial Econometrics (course director and teacher)
- Patient Courses and Patient Logistics at Public Health (course director and teacher)
- Topics in Econometrics (course director and teacher)

Teaching experience at Master level (selected):

- Design and Analysis of Surveys – an interactive course at Master of Applied Statistics (course director and teacher)
- Work Procedures and Analysis of Core Causes at MPQM og MMBD (course director and teacher)
- Quantitative Quality Control at MPQM og MMBD (course director and teacher)
- Quantitative Methods at MPQM (course director and teacher)
- Survey Methods in Healthcare (course director and teacher)

Teaching experience at PhD level (selected):

- PhD workshop in Panel Data Methods
- Statistical Methods for Medical PhD Students
- PhD course "The Econometrics of Discrete Choice"
- PhD workshop in Correspondence Analysis

Supervision experience:

MSc and Master theses (selected):

- A historical and critical approach to the endogenous growth model
- A cointegration analysis of the general Danish housing market price level
- Demographic risk patterns in traffic injury mortality 1969-95
- The hedonic methods: an investigation of the "Sol og Strand" market for summerhouse rental in The County of Funen
- Competition on the Nordic spot market for electricity
- Can estimated NAIRU be used for political recommendations to obtain a reduction of unemployment without increasing inflation
- Creation of a European environmental regulation index
- Spot-on or window-dressing: Measuring the effect of the activation effort of Odense Municipality using duration models
- Measuring comparative advantages. A theoretical and empirical investigation of comparative advantages among the EU-15 countries 1962-1999
- Openness to International Trade, Trade Liberalizations and Economic Growth
- Econometric analysis of inequality in health and healthcare utilization using SHARE data (several recent theses)

PhD projects (selected):

- Perspectives on Complex Socio-Economic Dynamics
- GLDR models
- Environmental and health econometrics
- The econometrics of illegal activities
- Commuting and regional science
- Leaving parental home in Denmark and Brazil
- Discrete choice models
- Socioeconomic consequences of type II diabetes
- Economic Incentives and Quality of Health Care in a Mixed Reimbursement System
- Economic issues related to the evaluation and application of telehealth

### 3. Pedagogical competences

The Assistant Professor Training Course, supplemented with courses in teaching and pedagogics, and The English Language Certification.

### 4. Plans for pedagogical competence development

My teaching evaluations are generally good and all parameters, and I continually adjust for critical assessments. Furthermore, I teach and participate more in teaching administration and development than requested. Thus, there are no actual needs for further efforts as regard my pedagogical or teaching competences.