

May 7, 2008
Erik Parner
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GRADUATE COURSE IN
ADVANCED STATISTICAL ANALYSIS OF TIME-TO-EVENT DATA

The course treats advanced analysis and interpretation of time-to-event data. The course is a sequel of the graduate course "Statistical analysis of survival data". Knowledge of basic statistical analysis of time-to-event data comparable to the graduate course "Statistical analysis of survival data" is a criteria for participation in the course.

The course takes place Monday and Thursday from 9.15 to 16.00 in the week 22 and 24.

The first part of the course starts: ***Monday May 26, 2008 at 9.15 a.m. in Kollokvierum Vest, building 265 (the Victor Albeck building).***

The course is given as a mixture of lectures and sessions with supervised problem-solving. The participants are expected to be familiar with basic aspects of the statistical software package STATA, which will be used in the problem-solving sessions. The lectures take place at Kollokvierum Vest and the sessions with supervised problem-solving in "Lille IT-lab". Copies of overhead transparencies used in the lectures will be available as pdf-files from the home page of the course

www.biostat.au.dk/teaching/survival2/survival2.htm

The data sets used for the exercises will also be available here.

The lectures and exercise sessions will be given by Erik Parner and Morten Frydenberg.

Advanced treatment of survival analysis can be found in

Parmar & Machin (1995). Survival Analysis: A Practical Approach. Wiley.

Cleves, Gould, and Gutierrez (2004). An Introduction to Survival Analysis Using Stata. Stata Press.

Homework: The course gives 2½ ECTS points, which is equivalent to 60 hours of work. You must therefore expect to spend an additional 36 hours on course preparations and home work for the course.