

Graduate course in statistical analysis of time-to-event data

Reg no. 130/08

Practical information

The course takes place May 9, 11, 17, 18, 23 and 25, 2016.
A tentative program is enclosed.

The first day of the course takes place in the "Richard Mortensen Stuen", Nordre Ringgade 3, 8000 Aarhus C.

The exercises will be held in "Victor Albeck Bygningen" in "grupperum" 9-18.

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. Copies of overhead transparencies and data used in the lectures will be sent by email at least three days before lecture.

The lectures will be given by Erik Parner. Exercise sessions are supervised by Niels Trolle Andersen and Erik Parner.

A brief introduction to the methods described in the course can be found in Chapter 22- 27 of *Kirkwood & Sterne (2003): Essential Medical Statistics, second edition. Blackwell Science.*

An introduction to Stata can be found in *Juul (2006): An Introduction to Stata for Health Researchers. Stata Press.*

The above books are used in the Ph.D. course in basic Biostatistics. A more advanced treatment of survival analysis can be found in

Machin, Cheung and Parmar (2006). Survival Analysis: A Practical Approach. Wiley.

Cleves, Gould, and Gutierrez (2008). An Introduction to Survival Analysis Using Stata. Stata Press.