

Modern demographic methods in epidemiology

Training Course, 1-3 June 2010
University of St Andrews



Course convenor: Bendix Carstensen

Senior Statistician, Steno Diabetes Center & Department of Biostatistics, University of Copenhagen, Denmark

The Course will give an overview of modern demographic methods in epidemiology. The course will use the freely available computer package **R**, and will contain a short introduction for those unfamiliar with the package.

Topics to be covered include:

- Rates, survival function: Connection between all basic concepts from a probability point of view
- Multistate models, competing risks
- Lexis diagrams and multiple timescales
- Cox-modelling of rates
- Splitting the follow-up
- Poisson modelling of rates
- Modelling multiple time scales
- Multiple time scales and multistate models
- Reporting rates and probabilities from models

Course overview details, including a workbook that will be useful for those with no experience of **R**, can be accessed via: <http://staff.pubhealth.ku.dk/~bxc/AdvCoh/StAn-2010/>

ESSENTIAL INFORMATION

Location	The Training Course from 1-3 June 2010 at the University of St Andrews. Details of the exact venues will be circulated to registered participants.
Registration	To register for the Training Course please complete the on-line registration form at: https://onlineshop.st-andrews.ac.uk/browse/extra_info.asp?compid=1&catid=14&modid=2&prodid=113&deptid=28 The fee is £90 , which includes registration, lunches and coffees/teas. Registration will close on Friday 7th May 2010 . Total places for the Training Course are limited to 32 , so please book early.
Cancellation policy	Cancellations after Friday 7th May 2010 may incur a 50% penalty. All cancellations must be submitted via email to ship@st-andrews.ac.uk .
Accommodation	You are responsible for booking your own accommodation. St Andrews has a wide range of accommodation to suit every budget; for further information log on to www.stayinstandrews.co.uk . Central hotel accommodation can be found at the Rusacks Hotel and there are also Bed & Breakfast establishments on Murray Place in St Andrews.
Meals	While lunches, teas and coffees are provided, breakfast and dinner are not.
Getting to St Andrews	http://www.st-andrews.ac.uk/visiting/GettingtoStAndrews/ http://www.st-andrews.ac.uk/maps/Universitymap/

PLACES ARE RESTRICTED SO EARLY REGISTRATION IS ESSENTIAL