Venue and Accommodation

The conference venue is Hotel Villa Rica , a 4 star hotel in the business district of Lisbon.

A participant intending to book a room in this hotel with special rates for APCM Course should contact the Hotel directly. The organization has pre booked a number of rooms until **June 30, 2011**.

E-mail: reservas@villarica.pt
Tel: +351 21 004 30 44
www.villaricahotelsgroup.com

Contacts

Course Contents
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Organization

Organized by the
Center of Statistics and Applications
Faculty of Sciences, University of Lisbon
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Statistical Analysis in the Lexis Diagram
AGE-PERIOD-COHORT MODELS

APCM Course

Hotel Villa Rica

Lisboa - Portugal

19th – 21st September 2011

Bendix Carstensen

BxC, Senior Statistician, Steno Diabetes Center, Gentofte, Denmark
External Lecturer Department of Biostatistics, University of Copenhagen

www.ceaul.fc.ul.pt/seeevent.html?id=206

Aim of the Course

The course will give a fairly thorough introduction to follow-up data at the individual level and in particular how these are transformed into tabular data. This is the fundamental prerequisite for understanding the structure of tabular follow--up data (counts/person-years) and the use of APC-models for this type of data.

The so-called identifiability problem in APC-models will be rigorously shown to be a parametrization problem, and various options for necessary assumptions will be treated, and the basic mathematics (linear algebra) for dealing with them will be covered.

All will be illustrated thoroughly with examples.

Program Structure

19th Sept

Morning - Overview of follow-up data.
- Likelihood for follow-up data. Poisson likelihood. Relation to Cox partial likelihood.
- Lexis diagrams. Tabular data in the Lexis diagram. Lexis triangles

Afternoon - Poisson models for tabular data.
- Splines and other parametric smoothers.
- Relation to factor models.

20th Sept

Morning - Age-Period and Age-Cohort models and their parametrization.

Afternoon - Age-Period-Cohort model.
- The identifiability problem, projections and subspaces.

21st Sept

Morning - APC-models for different outcomes.
- APC-models for different groups.

Afternoon - Reporting APC-models; tabular and graphical representation.

- APC-models for prevalence and other types of data.
- Evaluation and wrap-up.

More details at www.biostat.ku.dk/~bxc/APC/Lisboa-2011.

Course Fee

Course fee is **380 Euros**.

The registration fee will cover documentation. The Organization will provide coffee breaks and 3 days lunch.

Registration

Registrations should be submitted until **June 30, 2011**, through the following online form

spreadsheets.google.com/viewform?formkey=dGplSFNaWXFYcEQzZDQ0aXZZSFlWaGc6MQ

Important Notes

- Participants are requested to bring their own laptop with R installed.
- The number of participants is limited to **20**. The course will open under a minimum number of **14** participants.
- Participants will be admitted on a first-come first-serve basis.
- In order to receive a certification, participants are required to attend a minimum of 5 parts (over 6) of the course.
- After acceptance payments should be made within **two weeks,** by Bank Transfer or Cheque, in Euros. More details at www.ceaul.fc.ul.pt/seeevent.html?id=206.