Institut für Medizinische Biometrie und Epidemiolgie

Universitätsklinikum Hamburg-Eppendorf

Within the curriculum of the Non-Medical PhD-Programme the

Institute of Medical Biometry and Epidemiology

offers the following statistics lecture series:

Advanced statistics: linear mixed models and survival analysis

The two modules are stand-alone and do not depend on each other.

Description :

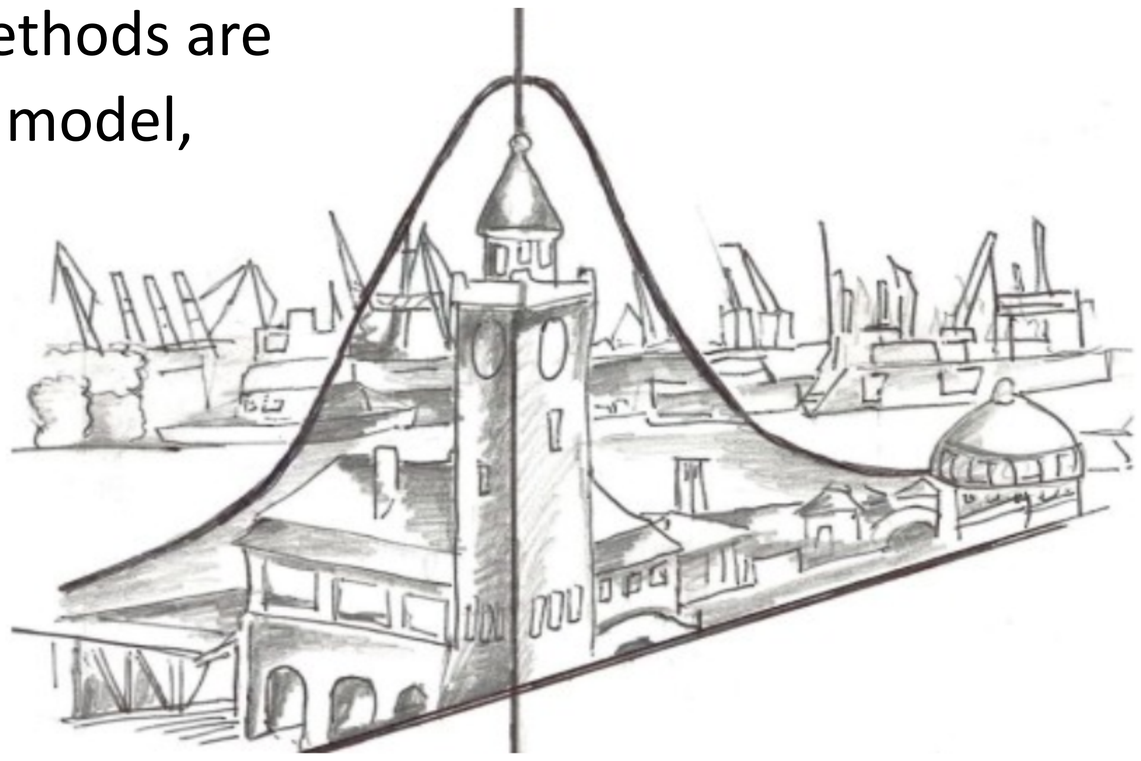
These lectures shall provide deeper understanding for the advanced statistical methods of linear mixed models and survival analysis. They consist of two modules:

Linear Mixed Models (19.10.2020 + 20.10.2020)

The aim of this lecture is to give the plenum an insight into the complex statistical data modeling. In particular, mixed models are considered, which are used in the case of nested (multilevel) data or repeated measurements.

From Kaplan-Meier to Competing Risks and Recurrent Events (26.10.2020 + 27.10.2020)

In this seminar not only the basic tools for analyzing time-to-event data are taught but also more sophisticated methods are introduced like extensions of the common Cox model, competing risks or recurrent time-to-event analysis.



When and where?

19.10./20.10./26.10./27.10.

15.00 p.m. - 17.15 p.m. - Web meeting

Procedure :

Participants of the Non-Medical PhD-Programme can receive credit points (CPs) for this lecture series. For 1 CP attendance of at least 3 of the 4 sessions is required. An additional CP can be obtained by an examination.

Registration :

Participants of the PhD Programme register via the Moodle-Course "Non-medical PhD Programme".