

Mixed Models Course

This three-day course will explain the basic concepts of mixed models. It is an applied course, so the emphasis lies on the interpretation of the results from the mixed model analyses and not on the mathematical background. The course centres on the two most important applications of mixed models – multilevel analysis and longitudinal data analysis.

Lectures are given in the morning and in the afternoon a computer practical is given. The examples will be in STATA, but when participants have experience in R or SPSS, it is also possible to use these programs.

The course is designed for researchers who work with mixed model analysis or researchers who plan to work with mixed model analysis.

Course director:



Jos W.R. Twisk, PhD, Professor of Applied Biostatistics in the Department of Epidemiology & Data Science. Amsterdam University Medical Centers, Amsterdam.

Professor Jos Twisk is head of the expertise center for applied longitudinal data analysis and he wrote textbooks for applied longitudinal data analysis, multilevel analysis and an introduction to applied biostatistics. Furthermore, he is director of the Master Epidemiology program in Amsterdam.

Dates: February 14-16, 2023. 8.30-16 all days

Venue: Aarhus University Hospital, Palle Juul-Jensens Boulevard 165, 8200 Aarhus N Entrance J, J116-111/112

Course fee: 1000 kr. – Lunch included.

To sign up for the course: kirpug@rm.dk. Application deadline January 22, 2023.

Course language: English

Max number of participants: 20

Course prerequisite: It is assumed that the participants are familiar with the principles of linear and logistic regression analysis.