

IUMSP - Institut universitaire de médecine sociale et préventive Biopôle 2 - Route de la Corniche 10 CH-1010 Lausanne

Mail

Two short courses in statistics

We have the great pleasure to announce two short courses in statistics on Friday 18, November 2016.



Analyzing Data with Missing Values in Stata

Using Multiple Imputation (course 1)

&

Multilevel/Mixed-effects Models in Stata (course 2)

Dr Rose Medeiros (StataCorp LP)

Title 1: Analyzing Data with Missing Values in Stata Using Multiple Imputation

Missing values are common in many fields. If analyses do not properly account for missing values, the resulting estimates may be biased. Multiple imputation (MI) provides a principled and flexible method of handling missing values in a dataset. This course will introduce fundamental concepts in missing data and MI and will show how to create and analyze multiply imputed data using Stata.

Title 2: Multilevel/Mixed-effects Models in Stata

In this course, an introduction to multilevel (mixed) models and a demonstration of fitting them in Stata will be presented. It will be shown how to fit both random-intercept and random-coefficient models, as well as crossed models and models with special residual structures. While the focus will be primarily on linear (Gaussian) models, generalized linear models will be briefly considered to show that they are syntactically identical and hence no harder to fit.

Target public

Statisticians, epidemiologists, medical researchers, public health specialists, social sciences researchers.

Date: Friday, November 18, 2016.

Timetable: From 10:30 a.m. to 12:00 a.m. (course 1) & 14:15 p.m. to 15:45 p.m. (course 2)

Place: Centre des laboratoires d'Epalinges, parc Biopôle de Lausanne, building B, room B305 (official address : chemin des Boveresses 155, 1066 Epalinges, see map enclosed).

Metro access : Terminus of metro M2, stop « Croisettes » (5 minutes' walk from there).

Fees and registration: no charge, but registration mandatory at <u>formations.sante@chuv.ch</u> by November 10.

