

LIVES doctoral school: Statistical refreshment

Geneva, Uni Mail, October 14-15, 2013

October 14: Data Analysis

Morning: Factorial Methods

From	To	Room	
9h	12h30	M-4383	<i>Dominique Joye</i> Principal components. To rotate or not to rotate? Factor models and extensions.

Afternoon: Clustering

From	To	Room	
14h	17h30	M-4383	<i>Matthias Studer</i> Some uses of clustering in the social sciences. Main clustering methods. Interpreting the results. Choosing a method and the number of group using cluster quality measures. Some common pitfalls of cluster analysis.

Apero

October 15: Data Analysis

Morning: Regression models

From	To	Room	
9h	10h	M-4383	<i>Gilbert Ritschard</i>
10h	12h30	M-5383	Interpreting coefficients of linear, logistic and survival models. Model quality and statistical significance of covariate effects. Presenting regression results.

Afternoon: Modeling strategies

From	To	Room	
14h	17h30	M-4165	<i>Michel Oris</i> Defining independent and dependent variables. Constructing models. Outcomes and interpretation.