

LIVES Doctoral Program,

Sequential data analysis
Beginner module

Geneva, Switzerland, April 18-19, 2012

■ ■ General information

- Dates:** April, 18-19, 2012
- Location:** Unimail
University of Geneva
Boulard du Pont d'Arve, 40
CH-1211 Geneva 4
- Costs:** Participation, lodging and meals are free of charge for speakers and registered participants.
- Participants will be reimbursed for transportation costs at the rate of the ½ CFF/SBB fare in 2nd class.

■ ■ Schedule, April 18, 2012

9h-10h30 Ph. Blanchard, F. Bühlmann and J.-A. Gauthier

Emergence of sequence analysis in the social sciences. Examples from political science and history, from micro-sociology of the family, and from social mobility studies.

10h30-11h00 Break

11h00-12h30 TraMineR team (G. Ritschard)

*Introduction to TraMineR, definitions and concepts
Overview of what will be seen
Hands-on: seqdef, print and index plot*

12h30-13h45 Lunch

13h45-15h45 TraMineR team (A. Gabadinho)

Describing a set of sequences (plots, transversal and longitudinal characteristics)

15h45-16h15 Break

16h15-17h15 TraMineR team (A. Gabadinho)

Hands-on: Rendering sequences and their characteristics

■ ■ Schedule, April 19, 2012

9h-10h30 TraMineR team (G. Ritschard)

Sequential data formats (retrieving spell and person-period data)

10h30-11h00 Break

11h00-12h30 TraMineR team (M. Studer)

Measuring pairwise dissimilarities and clustering: basic principles

12h30-13h45 Lunch

13h45-15h30 TraMineR team (M. Studer)

Optimal matching and other distances, partitioning around medoids, how are clusters related to covariates?

15h30-16h00 Break

16h00-17h15 Invited talk: Raffaella Piccarreta, Bocconi University

A divisive tree approach for clustering sequence data

17h00 Aperitif

■ ■ List of speakers

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Studer	Matthias	Matthias.Studer@unige.ch

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■ ■ List of participants

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