

Swiss Household Panel (SHP) Methodological Workshop June 4-7, 2024, FORS, University of Lausanne Geopolis, room 5621 (5th floor)

Introduction to the Swiss Household Panel survey and data management with SPSS

Dr. Valérie-Anne Ryser, FORS

Dr. Florence Lebert, FORS

Date	Topics
Tuesday, June 4 09:00 – 17:00	<ul style="list-style-type: none"> • General introduction to the Swiss Household Panel • Theoretical part (selection of variables, file merging, long-file, partner-file) • Practical part (construction of own data file, long-file, partner-file)

Sequence Data Analysis Workshop

Prof. Matthias Studer, Geneva School of Social Sciences and LIVES at the University of Geneva

Prof. Emer. Gilbert Ritschard, Geneva School of Social Sciences at the University of Geneva

PhD Kevin Emery, Geneva School of Social Sciences and LIVES at the University of Geneva

Date	Topics
Wednesday, June 5 09:00 – 17:00	09:00 – 10:30 General Introduction to sequence analysis and its uses in the social sciences; Introduction to R 10.30 – 11.00 Break 11:00 – 12.30 Descriptive sequence analysis and visualization I 12.30 – 13.30 Lunch 13.30 – 15:00 Descriptive sequence analysis and visualization II 15:00 – 15.30 Break 15:30 – 17:00 Longitudinal sequence indicators
Thursday, June 6 09:00 - 17:00	09:00 – 10:30 Clustering state sequences using Hamming distance 10.30 – 11.00 Break 11:00 – 12:30 Other distance measures and clustering algorithms 12:30 – 13:30 Lunch 13:30 – 15:00 Using typologies in subsequent regressions and analysis 15:00 – 15:30 Break 15:30 – 17:00 Advanced clustering methods
Friday, June 7 09:00 – 15:45	09:00 – 10:30 Longitudinal data management 10.30 – 11.00 Break 11:00 – 13:00 Missing data in sequence analysis 13:00 – 14:00 Lunch 14:00 – 15:30 Multidomain/multichannel analysis 15:30 – 15:45 Farewell

Course prerequisites

Previous knowledge: Participants in the introduction to the SHP should ideally have some knowledge of SPSS.

Participants in the Sequence Data Analysis Workshop are required to have notions of statistics and knowledge of a statistical software such as Stata, SPSS, SAS, R.

Data access: To access the SHP data, participants need to register on [SWISSUbase](#) and sign the SHP data user agreement. To access the data, please register on [SWISSUbase](#) at least 24 hours before the workshop starts.

Installation of R and RStudio: The course assumes participants have R and RStudio installed on their devices. A procedure to install this software and the required R packages will be provided.

Participants are expected to bring their own computer to the workshop. Participants who don't have a laptop or who participate in the introduction to the SHP but do not have access to SPSS are asked to contact the SHP-team so that we can organize a computer for them (swisspanel@fors.unil.ch).

The workshop takes place in person. If required, it can also be attended online. However, the priority is to ensure that everything runs smoothly on-site.

Location

The workshop is held at FORS at the University of Lausanne, Geopolis building, room 5621, 5th floor. Geopolis is easily accessible by public transport:

- **By train**
From Lausanne Flon, take the metro m1 in the direction of Renens and get off at UNIL-Mouline. From Renens railway station take the metro m1 in the direction of Lausanne Flon and get off at UNIL-Mouline or take the bus 31 going to Venogés sud and get off at UNIL-Mouline.
- **By car**
Take the motorway in the direction of "Lausanne-Sud", leave at "UNIL-EPFL" and follow UNIL to Mouline quarter. Please note that there is no free car park.

