

Swiss Household Panel (SHP) Methodological Workshop
June 7-10, 2022 University of Lausanne
Geopolis, room 2145

Panel Event Designs and Panel Regression Models

Dr. Marco Giesselmann, University of Zurich

Date	Session
Tuesday, June 7 10:15 - 17:00 (17:00 – 18:00)	Basics of Panel Data Analysis (Input and Hands-on Sessions) <ul style="list-style-type: none"> • Intro: Analytical properties and benefits of panel data • Simple Change Scores • Difference-in-Difference Designs • Panel Event Designs • Possibility for individual questions between 17:00 and 18:00
Wednesday, June 8 09:00 - 17:00	Panel Regression: Basics (Input and Hands-on Sessions) <ul style="list-style-type: none"> • One Way and Two Way Fixed Effects Regression • First Differences Regression • Discussion of exercises
Thursday, June 9 10:15 - 17:00	Panel Regression: Advanced Issues (Input and Hands-on Sessions) <ul style="list-style-type: none"> • Random Effects Regression • Hybrid Regression • Binary dependent variables • Effect heterogeneity and staged effects: a short overview on advanced contemporary econometric discourses on Panel Regression Models

The Swiss Household Panel: an introduction to the survey and data management with SPSS

Dr. Valérie-Anne Ryser, FORS

Dr. Florence Lebert, FORS

Date	Session
Friday, June 10 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)

Course prerequisites

For the panel regression course: Solid knowledge of basic multiple regression techniques.

For the introduction to the SHP and data management: no specific knowledge required.

Format of the workshops

The course will be given in a computer lab. It will consist in a mix between theoretical presentations of key concepts and practical exercises using data from the Swiss Household Panel.

For the workshop “Panel Event Designs and Panel Regression Models” the R statistical environment will be privileged, but data sets will also be provided for Stata.

For the introduction to the Swiss Household Panel, we will use SPSS.

Location

The workshop is hold at the University of Lausanne, Geopolis building room 2145. Geopolis is easily accessible by public transport:

- **By train**

From Lausanne Flon take the metro m1 in direction of Renens and get off at UNIL-Mouline.

From Renens railway station take the metro m1 in direction of Lausanne Flon and get off at UNIL-Mouline or take the bus 31 going to Venoges sud and get off at UNIL-Mouline.

- **By car**

Take the motorway in direction of “Lausanne-Sud”, leave at “UNIL-EPFL” and follow UNIL to Mouline quarter. Please note that there is no free car park.

