

The survey methods are used in a contemporary social science to examine people's behavior in diverse social contexts. Recently, we observe a substantial rise of data collected through online and mobile surveys (CAI, CASI), that replace traditional paper-and-pencil interviewing (PAPI). Simultaneously, there are new tools and methods emerging designed to handle, analyze and visualize survey data. Last few years brought an unprecedented rise of R-related methods, methodologies and tools helping to examine survey data. Thus, in this course students will learn how to:

- download and transform survey data
- use statistics to describe and explore data
- model data in order to understand dependencies between variables
- visualize survey data

Knowledge of basic statistical concepts (mean, variance, correlation etc.) is essential here. Some previous knowledge of working with R or other statistical software SPSS or STATISTICA will be an advantage but it is not necessary.