

51M101

STATISTICAL METHODS IN SOCIAL RESEARCH I

Teacher responsible: C. Michalopoulou

Teachers: C. Michalopoulou, M. Symeonaki

Compulsory course - Semester A

The course is an intensive introduction to the principles, methods and practicalities of the design and execution of sample surveys in social investigations and the statistical analysis of social data. It covers the formulation of the research question, strategies and methods of survey data collection, sampling, measurement, questionnaire design, attitude measurement, non-sampling errors and non-response. The EU surveys on Family Budget, Labour Force and Statistics on Income and Living Conditions as well as the European Social Survey are presented and discussed. Also, students are trained in the application of statistical techniques to real social science research problems using the SPSS computer package. At the end of the course, the students should be able to carry out univariate and bivariate analyses and have an appreciation of regression.

Evaluation: Students have to complete and present each week an SPSS assignment. There is a mid-term exam in order to prepare students for their final written examination in the end of term.

Reading list:

- Babbie, E.R., Halley, F. & Zaino, J., 2000. *Adventures in Social Research*. 4th ed. London: Sage.
- Blalock, H., 1972. *Social Statistics*. 2nd ed. New York: McGraw-Hill.
- Field, A. 2013. *Discovering Statistics Using IBM SPSS Statistics*. 4th ed. London: Sage.
- Fielding, J & Gilbert, N., 2000. *Understanding Social Statistics*. London: Sage.
- Moser, C. & Kalton, G., 1972. *Survey Methods in Social Investigation*. 2nd ed. London: Heinemann Educational Books.
- Robson, C., 2002. *Real World Research*. 2nd ed. Oxford: Blackwell.