Introduction to event history analysis for sociologists and political scientists

Fabrizio Bernardi
9-11 May 2011
Seminar Room 3, Badia Fiesolana

Course description:
In this workshop participants will learn how to perform an event history analysis using STATA. In the last decades the applications of event history analysis (EHA) in sociology and political science have developed in a very significant way. Applications of EHA can be found in individual level analyses of labour market transitions and family dynamics; in studies of failure and success of organizations; in the analysis of collective action events for protests, disturbances and episodes of racial confrontation; in the research on macro event such as decolonization and welfare state reforms and in the studies of political changes to investigate the fall of governments, the transition from one political regime to another, the duration of civil wars and. After introducing the key statistical concepts and statistical bases of EHA, the workshop will mainly concentrate on practical applications. It will cover a broad range of topics, moving from more basic issues such defining the appropriate data structure for an EHA, to more complex ones, such us estimating different type of parametric duration models and defining different types of time-varying independent variables.

Participants are asked to bring their lab-tops in class because they will have to follow and run interactively the worked examples using STATA. Therefore basic knowledge of STATA is requisite in order to attend the workshop. In order to be awarded the master class credits (20) participants will have to make the assignments at the end of each afternoon session.

Participants will have to read some introductory texts before the workshop. These texts will be distributed among registered participants. Please register by 30 April with Monika.Rzemieniecka@eui.eu.

Course structure:

9 May
10.00-13.00 Introduction to EHA and data sets used in the examples
14.30-18.00 Survival function and parametric models
Assignments

10 May
10.00-13.00 Time-varying variables I
14.30-18.30 Time-varying variables II
Assignments

11 May
10.00-13.00 Discrete time data
14.30-18.00 Advanced issues in EHA