

Faculty of Economic, Social and Political Sciences



DEMO3544 Multivariate analysis II applied to demography and social sciences

[20h] 3 credits

Teacher(s): Godelieve Stroobant
Language: French
Level: Third cycle

Aims

An understanding of, and practice in, methods of multivariate analysis of socio-demographic survey data.

Main themes

A presentation (hypotheses, the basic model, and the scope and nature of the results produced) of features such as logistic progressions, survival analyses, the factorial analysis of multiple correspondences, and multi-level analysis.

Content and teaching methods

The course mainly provides training in a form of data analysis that stresses practical aspects. Concrete applications to survey data will be carried out in the context of practical work (Course DEMO 3588).

A presentation of tools and the interpretation of results.

Other information (prerequisite, evaluation (assessment methods), course materials recommended readings, ...)

Assessment: This will be based on individual work, together with the analysis of a research topic to be selected by the student.
 Pre-requirement: Course DEMO 3432 ("Multivariate analysis I applied to demography and social sciences").

Programmes in which this activity is taught

DEMO3DA Diplôme d'études approfondies en démographie

Other credits in programs

DEMO3DA	Diplôme d'études approfondies en démographie	(3 credits)	Mandatory
ESP3DS/EP	Diplôme d'études spécialisées en santé publique (recherche clinique)	(3 credits)	
MD3DA/BI	Diplôme d'études approfondies en sciences de la santé (sciences biomédicales)		Mandatory