

Quantitative methods in migration research

Training organised by Pôle Suds, the National Institute for Demographic Studies (INED), Paris, in collaboration with the Institute for Migration Studies, LAU, Beirut, Lebanon.

Coordinator:

Lama KABBANJI (CEPED)

Trainers:

Lama KABBANJI (CEPED)

Cora MEZGER (INED, University of Sussex)

Sorana TOMA (INED, University of Oxford)

Invited talk:

Lara BADRE (CEPED) on International migration in Lebanon

Learning skills (Objectives of the workshop)

This workshop will offer students an introduction to the uses of quantitative methods in migration research.

After a brief presentation of the main theories in migration studies and the type of questioning specific to quantitative research, students will receive a practical, hands-on course on:

- 1) identifying available data sources on migration flows and stocks at a regional and national level (macro-level data)
- 2) designing a survey on migration topics: sampling issues, developing the questionnaire, supervising the fieldwork (micro-level data)
- 3) analyzing both macro- and micro-level data : basic statistical operations (descriptive statistics) and an introduction to more advanced techniques (regression analysis)

Many empirical applications will be discussed during the sessions. Throughout this course, students will have hands-on sessions with the quantitative analysis software SPSS.

This summer course is intended for **Masters or PhD students and researchers** interested in designing their own quantitative survey or in analyzing quantitative data. We expect them to have a basic understanding of general social science methodology (e.g., questionnaire construction, concepts of validity and reliability) and basic statistical methods and tools (descriptive analysis, SPSS)

We also ask them to prepare a very brief presentation of their research background and aims (1 page.), to help us understand their interests and focus their attention to specific readings. Students are strongly encouraged to do the suggested readings before taking the course. The sessions will be conducted in English. At the end of each session participants should complete a task and send it to professors. All throughout the course, students will be helped in developing their personal projects of data collection and analysis.

Program:

Thursday 27 october	Introduction to quantitative migration research and selected theoretical approaches in migration research <ul style="list-style-type: none"> • Main questions & hypotheses • Implications for data collection
Friday 28 october	Migration in Lebanon and Quantitative analysis of macro-level data <ul style="list-style-type: none"> • International migration in Lebanon (Lara BADRE, CEPED) • Macro data sources, methods (descriptive statistics) and practice on Excel
Saturday 29 october	Survey design and methods of data analysis <ul style="list-style-type: none"> • Research questions, Questionnaires, Data collection • Methods of survey data analysis (descriptive statistics I)
Monday 31 october	Quantitative analysis of micro-level data <ul style="list-style-type: none"> • Methods of survey data analysis (descriptive statistics II) • Linear and logistic regressions – practice on SPSS