



POLITECNICO
MILANO 1863

Organizing Committee

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 RISIS2 EU Project

ONLINE COURSE

Start date

Nov 19th, 2020

End date

Nov 20th, 2020

Workgroup presentations

Nov 26th, 2020

Deadline for request participation

Oct 15th, 2020

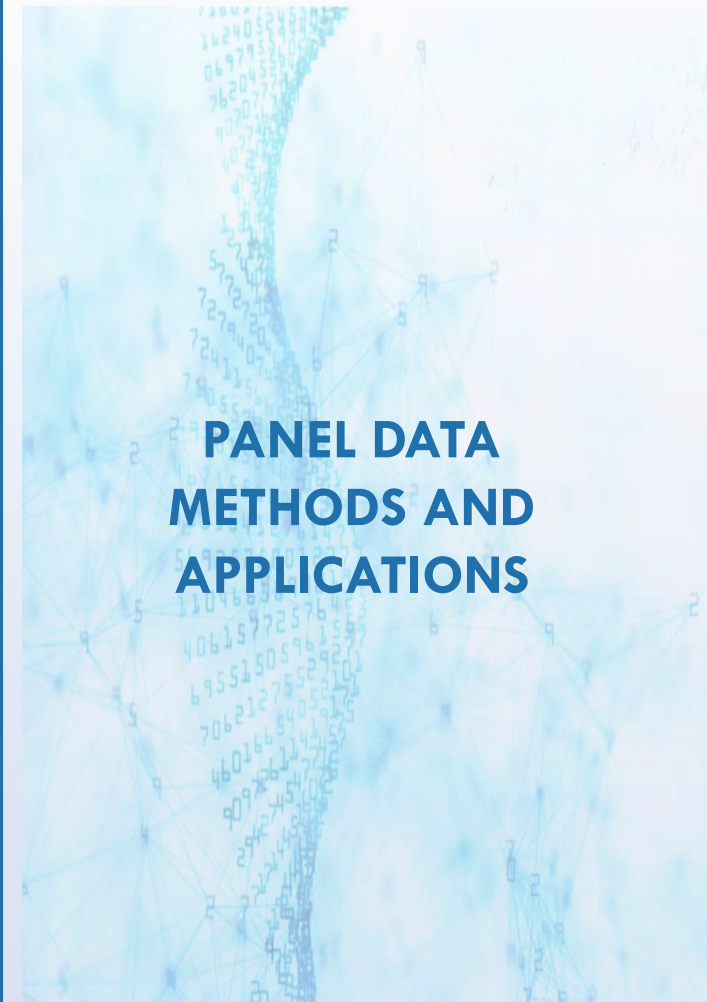
Other Organizational details

- The course is offered entirely online and free of charge.
- The course will include theoretical and training sessions on panel data analysis and participants will take part in a workgroup.
- Each participant needs to have the statistical software STATA installed on his/her PC for the practical parts of the training.
- Before the beginning of the course, we will provide participants with scientific articles and additional materials introducing the topic.

RISIS



RESEARCH INFRASTRUCTURE FOR SCIENCE
AND INNOVATION POLICY STUDIES



This project is funded by the European Union
under Horizon2020 Research and Innovation
Programme Grant Agreement n°824091

COURSE OBJECTIVES

This methodological, practically-oriented course focuses on the application of econometric techniques for panel data

The course's objective is to introduce the main features of panel data econometric models and present use cases and examples based on the VICO dataset

Topics covered include specification, estimation, and inference in the context of models that take into account unobserved heterogeneity and individual effects (e.g. fixed-effects vs. random-effects models)

During the course, participants will have the opportunity to apply econometric techniques for panel data analysis using the software STATA

After the course, students are expected to be able to apply panel data regression techniques and to interpret the results from panel-data regression estimates

PROGRAM AND CONTENTS

DAY 1 – NOVEMBER 19th, 2020

10:00-10:30

Introduction to panel data structure

10:30-11:45

Main panel data estimators

11:45-12:00 – Break

12:00-13:00

Examples of applications based on VICO

DAY 2 – NOVEMBER 20th, 2020

10:00-11:30

Practical session using STATA and VICO dataset (I)

11:30-11:45 – Break

11:45-13:00

Practical session using STATA and VICO dataset (II)

REMOTE WORKGROUP

Students will have 1 week to work remotely on the assignment, with the possibility of dedicated tutoring sessions with the instructors

DAY 3 – NOVEMBER 26TH, 2020

10:00-12:00

Group presentations & Closing Remarks

AUDIENCE TARGETED

The expected number of participants for the course is 20

The course is addressed to:

- Early career researchers and PhD students
- Policy makers at the local, regional, national and international level (e.g., European Commission)

REQUIREMENT FOR PARTICIPATION

Participants will be selected on the basis of their CV

Participants are required to have:

- Basic knowledge of STATA
- Basic knowledge of statistics and econometrics