LOCAL ORGANIZING COMMITEE

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RISIS2 EU Project

ORGANIZATIONAL DETAILS

Online course including:

- On-line lecture presenting the main matching techniques used for estimating causal effects in entrepreneurship studies
- Group exercises where participants will test the different approaches on an example dataset
- Plenary discussion on pros and cons of matching methods and how to motivate them to reviewers

Cost and Fees: No registration fees to be paid by European Participants

Maximum N. of participants: 16

Registration: send the organizer the application form and CV by email

Contact person: Benedetta Montanaro, benedetta.montanaro@polimi.it

DEADLINE FOR REGISTRATION
February 20th, 2022

RISIS

RESEARCH INFRASTRUCTURE FOR SCIENCE AND INNOVATION POLICY STUDIES

POLITECNICO
MILANO 1863

Methods in Action Series

Matching techniques for treatment effect analysis

March 15th-24th, 2022

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

COURSE OBJECTIVES

- Dealing with the problem of selection bias when estimating causal effects in applied research
- Presenting the most used matching techniques on company level data
- Topics covered include Propensity Score Matching, Coarsened Exact Matching, and Methods for assessing the balance after matching
- Test the methods described above and discuss advantages and disadvantages using an example dataset

PROGRAM AND CONTENTS

15th March 2022
09:00–09:15 Introduction to the Course
09:15–10:15 Lecture: matching techniques for entrepreneurial studies
10:30–11:30 Stata tutorial: how to implement matching methods
11:30–12:15 Task assignment

22nd March 2022
16:00–18:00 interim discussion with groups

24th March 2022
09:00–12:00 Group presentations
12:00–12:30 Final discussion and assessment of the use of methods

AUDIENCE TARGETED

The course aims at involving participants among the following categories:

- Early career researchers
- PhD students
- People from the policy making world wishing to extend their analytical capabilities

REQUIREMENT FOR PARTICIPATION

Basic requisite for admission will be:

- Knowledge of basic principle of statistics and main regression models (e.g. OLS, logit..)
- Good working knowledge of the statistical software Stata
- Before the beginning of the course, we will provide participants with scientific articles and additional material