

INSTRUCTOR

Prof. Benedetto Lepori, Faculty of Communication, Culture and Society, Università della Svizzera italiana.

Ilaria Falvo, Faculty of Communication, Culture and Society, Università della Svizzera italiana.

Reference paper:

Lepori, Benedetto (2022). The heterogeneity of European Higher Education Institutions: a configurational approach. *Studies in Higher Education* 47(9).

FOLLOW US



www.risis2.eu



facebook.com/risis.eu



@risis_eu



RISIS2 EU Project

ORGANIZATIONAL DETAILS

Online course including:

- On-line lecture presenting Latent Class Analysis (LCA) as a method to group observations and its statistical foundations.
- Group exercises where participants will apply LCA to the example dataset.
- Plenary discussion on the results, their interpretation and issues with the resulting classification.

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

Maximum N. of participants: 16

Registration: by email to the organizer including a CV and a short statement of interest.

Contact person: Ilaria Falvo, ilaria.falvo@usi.ch.

DEADLINE for registration
15th of February 2023

RISIS



RESEARCH INFRASTRUCTURE FOR SCIENCE
AND INNOVATION POLICY STUDIES



Methods in Action Series

Classifying Higher Education Institutions using Latent Class Analysis

March 8th, March 14th
20th 2023



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

COURSE OBJECTIVES

- Introduce the conceptual and methodological issues of HEI classification and diversity analysis.
- Introduce Latent Class Analysis as a statistical tool for HEI's classification.
- Test the method and discuss advantages and disadvantages using an example dataset from a published paper

PROGRAM AND CONTENTS

Wednesday 8th of March 2023

9:00-09:15 Introduction to the Course

09:15-10:15 Lecture: presentation of LCA and its usage for classificatory purposes.

10:30-12:00 Stata tutorial on how to implement LCA.

13:00 – 14.00 Using LCA to analyze HEI's heterogeneity

14.00 – 15.00 Creation of the groups and task assignment.

Tuesday 14th of March 2023

15.00 – 18.00 interim discussion with groups in breakout rooms.

Monday 20th of March 2023

9:00-11.00 Group presentations.

11.15 – 12.00 Lecture: how to justify results to reviewers

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:

- Senior scientist, early career researchers
- PhD students at the last phase of their training
- People from the policy making level wishing to extend their analytical capabilities
- Research intermediaries (e.g. research association like Science Europe).

REQUIREMENT FOR PARTICIPATION

Basic requisite for admission will be:

- Knowledge of basic principle of statistics, as well as of Ordinary Least Squares (OLS) regression.
- Good working knowledge of statistical software (Stata).