



ONLINE SHORT COURSE 2022

CATEGORICAL ANALYSIS DATA

Instructor: Justyna Brzezińska [PhD | University of Economics in Katowice, Poland]

Objectives: The aim of this course is to demonstrate students both theoretical rationale and important applications of categorical data analysis methods; provide students with skills to either conduct their own research using categorical data analysis or to be able to replicate existing research using these methods.

Course description: The course covers analysis of discrete data, in particular count variables and proportions. This type of data is often represented by so called contingency tables. In such cases methods based on linear models and normally distributed response variables are not appropriate. The course covers correlation analysis between set of categorical data, models for categorical data, two way and multi way contingency tables, homogeneity and independence, correspondence analysis, and application in SPSS.

Course contents:

1. Categorical data analysis
2. Contingency tables
3. Correspondence analysis
4. Categorical data analysis in SPSS

Course structure: The course consists of two elements, theory and application in SPSS.

9th, 10th, 11th Feb

Online Short Course - via Zoom

Total hours: 9h (Wednesday, Thursday and Friday)

Timetable:

- 9h30am - 11h00am

- 11h00am – 11h30am – Short break

- 11h30am - 1h00pm

Registration is free but mandatory until 4th February 2022 to cintursinfo@ualg.pt