COURSE DETAIL

INTRODUCTION TO ECONOMETRICS USING R
Country France
Host Institution Sciences Po Reims
Program(s) Sciences Po Reims
UCEAP Course Level Upper Division
UCEAP Subject Area(s) Economics
UCEAP Course Number 120
UCEAP Course Suffix
UCEAP Official Title INTRODUCTION TO ECONOMETRICS USING R
UCEAP Transcript Title INTRO ECONOMETRICS
UCEAP Quarter Units 4.50
UCEAP Semester Units 3.00

Course Description

This course teaches the fundamentals of econometrics, in particular regression analysis and statistical inference. It purposefully starts at a level that assumes no prior knowledge of statistics, econometrics, or programming. The objective is to understand and interpret simple and multiple linear regressions and detect whether an analysis uncovers correlations or causality. The course does not rely on advanced math; rather it uses practical learning to teach the main concepts. Moreover, it introduces how to use R, a very powerful and widely used programming language, to perform data cleaning and undertake statistical analyses. By the end of the course, students carry out small-scale research projects using real-world data and regression analysis to reveal associations between various variables.

Language(s) of Instruction
English

Host Institution Course Number
BMET 27A33

Host Institution Course Title
INTRODUCTION TO ECONOMETRICS USING R

Host Institution Course Details
https://syllabus.sciencespo.fr/en/?mapping/177993#_ga=2.149922292.330035289.168...

Host Institution Campus

Host Institution Faculty

Host Institution Degree

Host Institution Department
Methodology

Course Last Reviewed

2022-2023

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