lfial2260
2020

Statistics for Linguistics

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

10 credits	22.5 h	Q1

Teacher(s)	Paquot Magali ;
Language :	English
Place of the course	Louvain-la-Neuve
Main themes	Data management in a statistical software tool -- introduction: • Quantitative analysis of linguistic data: descriptive and inferential statistics; introduction to regression analysis; • Data visualization.
Aims	At the end of the course, students will be able to select and use appropriate quantitative methods to analyze linguistic phenomena with the help of a statistical software tool. 1 More practically, they will be able to use the statistical software tool R to explore linguistic data (descriptive statistics),represent data visually, and select the most appropriate statistics given the structure of their dataset - - - - *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** The evaluation will be twofold: • Continuous assessment (40%): e.g. participation in class activities, tests and exercises • Written exam (60%) In case of resit, the evaluation will be based on a written exam only (100%)
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** The teaching method will be a mix of traditional lectures and exercises
Content	The course will be organized in two main parts: 1. The first part of the course will provide a theoretical overview of statistics for linguistics and introduce the main concepts in statistics (descriptive statistics, inferencing, and modeling). 2. The second part of the course will be more practical in nature. It will give students the opportunity to practise through exercises.
Inline resources	https://moodleucl.uclouvain.be/course/view.php?id=12097
Bibliography	• Field, A. et Miles, J. and Field, Z. (2012). *Discovering Statistics Using R. London : Sage Publications.* • Gries, St. Th. 2013. *Statistics for Linguistics with R. A Practical Introduction*. 2nd edition. Berlin: De Gruyter Mouton. • Howell, D. C. (2016). *Fundamental statistics for the behavioral sciences*. Nelson Education.
Other infos	This course requires a good command of English (receptive and productive skills).
Faculty or entity in charge	FIAL

Force majeure

Teaching methods	Online teaching (including exercise sessions) via Teams
Evaluation methods	The evaluation remains unchanged except for the fact that the written exam will be organized as a take-home exam.

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Linguistics	LING2M	10		🔍