Statistics and Data Science in Practice – Presentation information

Introduction

As part of the Statistics and Data Science in Practice course you will be giving a (group) presentation based on the interview and field-trip. This presentation will be given to two other groups from different subfields/field-trips. For example, an Epidemiology group will give a presentation to an Plant/Genetics group and a Neuropsychology group. The idea is to tell the other groups your experience with the field-trip and the interview.

The presentation

The presentation should be aimed at conveying the information around the topics from the interview and field-trip (e.g., how a day in the life of a researchers looks, how they apply statistics in their work and what skills from their study do they use most in their day-to-day work).

In addition, the presentation should also give a short introduction into the field (e.g., what is the field about? what kind of research is done? what kinds of statistics are used?). You should end the presentation with 2 (short) questions aimed at testing whether the audience got the content of the presentation. For example, you can ask a question like: "which two types of statistical models are predominantly used in Neuropsychology? Or, "which three skills are important when working in agricultural research?"

Practical information

- Aim your presentation to be 20 minutes in length.
- There are 45 min scheduled per group, 5 min set-up, 20 min presentation, 20 minutes for the audience questions, and the questions from the presenting group.
- You are scheduled in a time-slot of about 2 hours on one of the exam days. This is the only time you need to present. The schedule will be posted on Brightspace.
- Make sure you have a good division of time across everyone in the group (as everyone needs to participate in the presentation)
- Make sure you have slides and that you have them with you (either on your own computer, or USB stick). Retrieving slides from the cloud has in the past led to problems and delays.

Grading and rubric

- Presentation (40%)
    - Clarity of speaking and audience engagement.
    - Good knowledge of the topic at hand.
    - Slides and speaker are well balanced.
    - Progress in presenting (self-reported/group-reported).
    - Presentation is adapted to the audience (correct audience level).
- Quality of presentation questions (30%)
    - Question is not to easy and not too hard (answers of students mostly correct).
    - Question topic is in line with knowledge to be conveyed.
    - Question is phrased clearly and correctly.

Some additional tips and tricks

- Look at the slides for the Presentation lecture on Brightspace.
- Look at the skills lab on Brightspace for further tips and tricks.