Methods 3: Multilevel Statistical Modeling and Machine Learning

Class 01:

Setting up R and Python and recollection of the general linear model

September 6, 2024

Why are we not on UCloud?

Going local

Pros

- It is valuable to be able to run things locally
- We do not suffer from the outages of UCloud
- You will acquire knowledge on how to set up environments
- You will acquire knowledge on how to use GitHub

Cons

- You may suffer from local set-up issues
- You may encounter problems with big datasets (we are not using any here)
- It would be valuable to learn more about running in a cloud system

Feedback policy – reminder

 Detailed written feedback will be provided for Assignment 1 only, with the aim of aligning expectations of the instructor and students regarding how assignments will generally be read and graded. This *has to be* handed in as a *study group* assignment – otherwise you do NOT get feedback. Oral feedback will be provided on subsequent portfolio assignments during in-class assignment preparation sessions, where students will have ample opportunity to ask the instructor questions on their assignments-in-progress.

Academic regulations

• It must be possible to carry out an *individual* assessment. So if some parts of the portfolio have been produced by a group, it must be stated clearly which parts each student is responsible for, and which parts the group as a whole is responsible for.

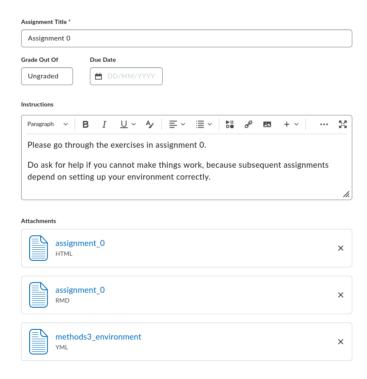
Group vs individual assignment

- All assignments will be distributed through the study groups in GitHub Classroom
- You can hand in assignments as a group through GitHub Classroom
- You can do up to 4 of the assignments as group assignments. That means you have to do at least 2 of them individually
 - I can give more effective general feedback the more assignments you hand in in groups
- For handing in assignments individually, Brightspace will be available
- Exam needs to be handed in in WISEflow

Group assignments

- Do make sure to write who wrote what
 - Indicate if the group wrote it together, two persons, one person etc. and make the persons clearly identifiable

Assignment 0



Let's get started!