Timetable
Compulsory Elective Subject WS 22/23:
Data Analysis in High Dimensions

Week 1:

- **Nov. 28, 2022, afternoon, Monday**
  Zoom session at 1:00 pm
  Topic: Introduction and the R software
  To do:

  - Visit the zoom session

  - Install R and start to learn R! Use the materials in the folder Intro to R (in moodle). You can use Python if you want.

- **Nov. 29, 2022, afternoon, Tuesday**
  Zoom session at 1:00 pm
  Topic: Overview and principal component analysis
  To do:

  - Attend the lecture.

  - Continue to learn R

  - Work with the exercise sheet to principal component analysis (sheet 1)

- **Nov. 30, 2022, afternoon, Wednesday**
  Zoom session at 1:00 pm
  Topic: Project support
  To do:

  - Work with your projects

- **Dec. 1, 2022, afternoon, Thursday**
  Zoom session at 1:00 pm
  Topic: Partial least squares regression
  To do:

  - Attend the lecture.

  - Continue to learn R

  - Work with the exercise sheet to partial least squares regression (sheet 2)

- **Dec. 2, 2022, afternoon, Friday**
  Zoom session at 1:00 pm
  Topic: Project support
  To do:

  - Work with your projects

Week 2:

- **Dec. 5, 2022, afternoon, Monday**
  Zoom session at 1:00 pm
  Topic: Cluster analysis
  To do:

  - Attend the lecture.
  - Continue to learn R
  - Work with the exercise sheet to cluster analysis (sheet 3)

- **Dec. 6, 2022, afternoon, Tuesday**
  Zoom session at 1:00 pm
  Topic: Cluster analysis
  To do:

  - Attend the lecture.
  - Continue to learn about cluster analysis
  - Work with the exercise sheet to cluster analysis (sheet 3)

- **Dec. 7, 2022, afternoon, Wednesday**
  Zoom session at 1:00 pm
  Topic: Project support
  To do:

  - Work with your projects

- **Dec. 8, 2022, afternoon, Thursday**
  Zoom session at 1:00 pm
  Topic: Discriminant analysis
  To do:

- Visit the zoom session: Questions and answers?!
- Listen to the already recorded lecture audios to the fifth unit, discriminant analysis (until slide 189)
- Work with the exercise sheet to discriminant analysis (sheet 4)

- **Dec. 9, 2022, afternoon, Friday**
  Zoom session at 1:00 pm
  Topic: Project support
  To do:

  - Work with your projects

Week 3:

- **Dec. 12, 2022, afternoon, Monday**
  Zoom session at 1:00 pm
  Topic: Canonical correlation analysis
  To do:

  - Visit the zoom session
  - Questions and answers?!

  Dec. 13, 2022, afternoon, Tuesday
  Zoom session at 1:00 pm
  Topic: Canonical correlation analysis
  To do:

  - Visit the zoom session
  - Questions and answers?!

- **Dec. 14, 2022, afternoon, Wednesday**
  Zoom session at 1:00 pm
  Topic: Examination with presentatons via zoom!

- **Dec. 15, 2022, afternoon, Thursday**
  Zoom session at 1:00 pm
  Topic: Examination with presentatons via zoom!

- **Dec. 16, 2022, afternoon, Friday**
  Zoom session at 1:00 pm
  Topic: Support concerning writing the report