

Summary Course Evaluations – PSY9510 26V

1. Course information

- Course title: PSY9510 Introduction to Statistics with R
- Semester and year: Spring 2026
- Course coordinator: Irene Teulings
- Report authors: Irene Teulings
- Date of summary: 10 February 2026

2. Assessment of the course

- The course introduces participants to the basics of R programming, specifically with the aim for them to be able to do everything up until data analysis. Students are thus taught how to create R scripts and how to go from raw data to a workable dataset for analysis through data wrangling. Considering the course is too small/short to develop any long term skills, an important goal of this course is to foster students' analytical independence in R so that they are capable of learning and developing their skills in the future. The main learning outcomes are the following:
 - Become familiar with R and the RStudio environment.
 - Understand datatypes and their characteristics.
 - Manipulate different data structures.
 - Perform data cleaning and data management using base R and the tidyverse package.
 - Carry out data quality checks.
 - Write and organize R syntax and implement reproducible analyses within RStudio.
- Teaching methods and organization: The course duration is equivalent of 24 seminar hours and is offered each semester. Seminars are composed of mini-lectures and practical computer exercises in R. 1 credit point is awarded for 80% participation and submitting a home assignment (a reproducible r script).

3. Student's feedback

- Overall satisfaction with course was high
- Students reported much academic benefits
- The majority recommended to continue the course as it is
- Students strongly agreed to have gained the knowledge and skills sets advertised by the course
- Introduce the use of R projects in the beginning of the course (currently introduced on day 3) and add tutorial on how to collaborate with others via Github
- Students seemed satisfied with the amount of work the course required
- Students were happy with the availability of course materials on Canvas
- Most students were happy with the amount of teaching in this course, whereas some reported wanting more; they liked that most of the time was spent practicing in R themselves and they liked the structure of the classes with a good balance between short and concise lectures alternated with longer tutorials of self-work

- All student evaluations reported to have benefited from and been satisfied with the teaching in this subject, though one student noted it sometimes went too fast for absolute beginners
- Some students were completely pleased with the framework conditions of the class; others noted the small projector screen at the front was not entirely suitable for the classroom (from the teacher perspective: the programming in R is only properly visible on the screen when the lights are off; otherwise it's too bright, and of course it's not the nicest to sit in a dark room for big chunks of the day)
- Students note being pleased with the teacher, noting their skills and efforts to explain things, being welcoming and creating a nice atmosphere