

## Course evaluation report – PSY9510: Introduction to R

### 1 Course information

- PSY9510: Introduction to R
- Fall semester 2026
- Course coordinator: Ludvig Daae Bjørndal and Qi Qin
- Date of report: September 15<sup>th</sup> 2026
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### 2. Assessment of the course

- The main learning outcome is to acquire familiarity with R for data preparation, statistical analysis, and data visualization. The course covers key topics in order to achieve this, including lectures and assignments on variable types and vectors, logical indexing, data wrangling, basic descriptive statistics, and data visualisation
- The course involves both short 15-25 minute lectures covering key topics required to become confident in programming with R and practical exercises for each individual student per topic. The combination of lectures and hands-on exercises allowed students to apply the knowledge learned directly, with course instructors providing individual support during the exercises.
- The course duration is the equivalent of 18 hours of teaching and exercises in seminars. Students receive 1 credit point for 80% participation and the submission of a reproducible Quarto report.

### 3. Student's feedback

- Seven students completed the course evaluation.
- Most students reported experiencing substantial personal academic benefit (6 of 7 respondents rated the academic benefit from 5-7) gained from the course and that knowledge and skills as advertised by the course were gained. Two students noted in text that the course was beneficial and that the teaching presentations were useful.
- Students were in general satisfied with the current form of teaching and curriculum as it is. Two students suggested changes to the teaching, including revisions of exercises and organizing the course in three consecutive days.
- Students generally perceived they gained knowledge and skills as advertised by the course (6 of 7 respondents rated the gained knowledge and skills as advertised from 5-7).
- The students generally perceived the course to require more or less the same amount of work as the study points suggested (all responses 4-5). All students reported having attended all the teaching and found the relevant teaching material.
- The amount of teaching/instruction was evaluated positively. All seven students indicated that the amount of teaching was appropriate. Text feedback particularly highlighted the balance between teaching and practical exercises and the emphasis on actively working with R.
- The majority of students reported to have benefited substantially from the teaching (five responses of 6-7). Overall satisfaction with the quality of teaching was high, with six of seven students giving ratings of 6-7.

- One student noted that technical problems of other students means that it could have been useful to have some additional computers with R easily installed. Another student noted bad ventilation in the room.

#### **4. Overall assessment and further development**

- The overall assessment of the course is that it was perceived positively by the students who completed the course evaluation. Students generally reported substantial academic benefit, achievement of the intended learning outcomes, and high satisfaction with the quality of teaching. The combination of short lectures and exercises appears to have worked well and should be maintained in the course.
- For further development, the existing exercises and answer materials should be reviewed and updated before the next iteration of the course to address any confusion. If possible, teaching the next semester of PSY9510 should happen in three consecutive days. It is also possible that it would be useful for some students to have access to University computers if issues with R arises.