Reproducibility and transparency in research 5 hp

COURSE OBJECTIVES

After completed course, the student should be able to:

• Critically discuss issues related to reproducibility and transparency in research
• Describe several perspectives on the advantages and disadvantages of reproducibility and transparency
• Discuss issues related to reproducibility and transparency in their own research

CONTENTS

Reproducibility and transparency will mainly be discussed in relation to quantitative research, but these issues are also relevant in qualitative research. The following content will be studied:

• Reproducibility of statistical analyses
• Transparency in research in relation to pre-registration of studies, open material, open data, open analyses and open articles

MODES OF TEACHING/WORKING FORMS

The course will follow the seminar series ReproducibiliTea, which means that most teaching will be seminars.

EXAMINATION

The course examination consists of active participation in at least 10 seminars and writing an essay. Any missed seminars can be compensated by attending other seminars in this term or in the following term.

ADMISSION REQUIREMENTS

Registration as doctoral or master student.

GRADING

The grades are Approved and Not approved.

COURSE READINGS

Literature for the seminars is provided by the course administration. To write the essay, additional literature that the student will have to find himself/herself is needed.

Approved by FUN 2019-12-12