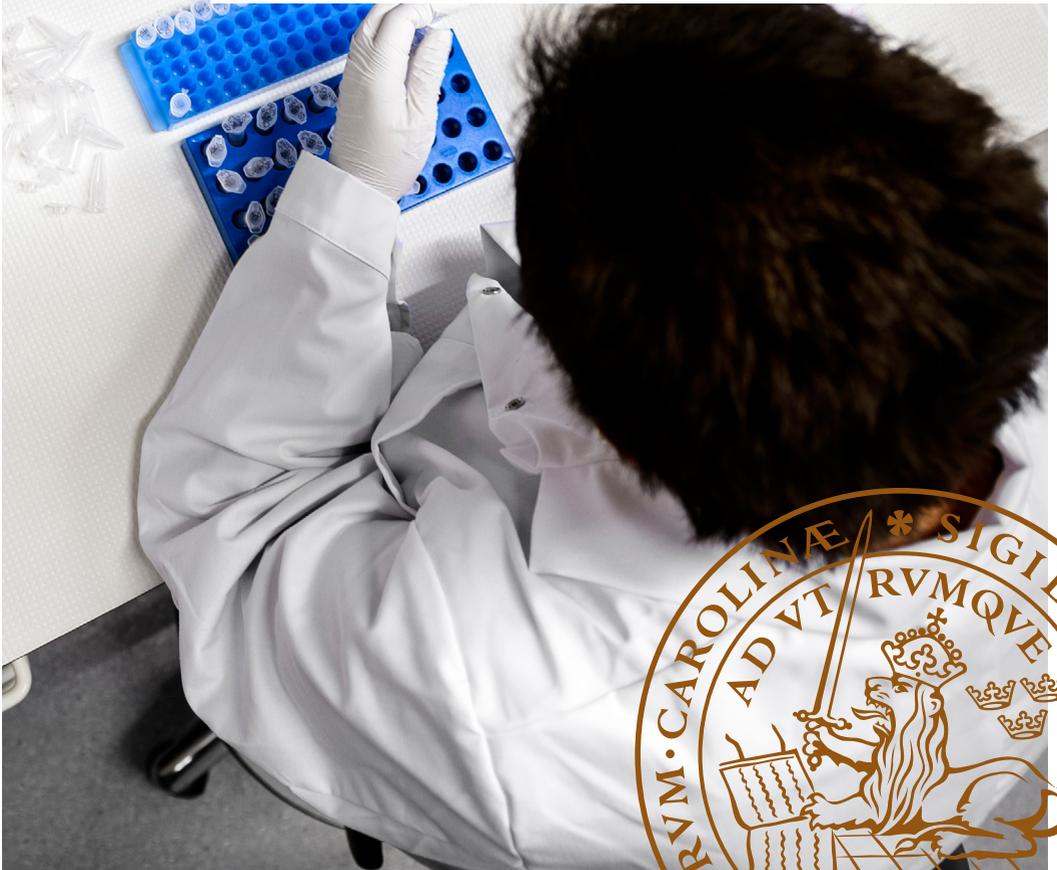




LUNDS
UNIVERSITET

Statistical Consulting

CENTRE FOR MATHEMATICAL SCIENCES, LUND UNIVERSITY



The Centre for Mathematical Sciences offers statistical consulting to employees at the Faculty of Science at Lund University. This service is partially funded by a Strategic Infrastructure Grant by the Faculty of Science.

We can offer assistance both in terms of short meetings and participation in larger projects. All consulting starts with a short meeting where we discuss how we can help you in your research. We are also very interested in discussing potential academic collaborations and possible joint projects with our clients.

OUR SERVICES

A statistical study consists of basically four steps:

- planning the study
- collecting the data
- processing/analyzing the data
- presenting the result

We can primarily help you with the planning of your study and with the processing/analyzing of your data.

THE SCOPE OF SERVICES WE PROVIDE ARE

ADVICE

- Advice on how to formulate the research problem in a more precise way
- Advice on books, papers, software packages or locally given courses that are related to the research problem

ANALYSIS

- Apply appropriate statistical tools to highlight the most useful information from the data.
- Complex problem may require new statistical tools, in order to make the analysis more precise and/or reliable.

WHAT WE EXPECT IN RETURN

The Statistical Consulting Services are free for all employees at the Faculty of Science at Lund University. We would appreciate an acknowledgment in the publication or a joint authorship in cases of larger collaborations.

To make our first meeting productive, please think through some simple questions before scheduling a meeting:

- Can you formulate one main question or hypotheses without using the words "and" or "or"?
- Do you have any data that you can show us? If so, what have you tried to do yourself with your data? What was the result and which problems have arisen?

GENERAL QUESTIONS

- What does your scientific field require from your analyses and what would you like to achieve? Are there any recommendations regarding the statistical analysis at your department?
- What is your sample? How do you plan to collect data? / How did you collect data? Are there any sources of variability that you can identify regarding data collection?
- Which variables are included in your data material? Alternatively: which questions do you have an intention to ask?

IF YOU ARE PLANNING A STUDY

- Most important if your questions are about sample size: Which conclusions do you wish to make? How large effect do you wish to be able to detect as statistically significant? Will that be enough to draw any conclusion(s) from your study?

VISIT OUR WEBPAGE TO CONTACT US
www.maths.lu.se/statisticalconsulting



LUNDS
UNIVERSITET

www.maths.lu.se

**CENTRE FOR
MATHEMATICAL SCIENCES**

**LUND UNIVERSITY
BOX 118
221 00 LUND**