

Course analysis (course evaluation)

Course code 5BD000	Course title Biostatistics 1: Introduction to biostatistics	Credits 7.5
Semester (VT/HT-yr) HT-2025	Dates 3 nov 2025 – 18 januari 2026	

Course Director Therese Andersson	Examiner Therese Andersson
Teachers in charge of different parts of the course Therese Andersson	Other participating teachers Adina Feldman Alexander Ploner Cecilia Radkiewicz Samuel Rhedin Sarah Bergen Thorgerdur Palsdottir Anna Mia Eborn Martinovic Camilla Wahlbeck Mattias Vesterlund

Number of registered students at the 3-week check 29	Number passed at final course day 26	Response frequency course valuation survey 17/27 63%
Other methods for student influence (in addition to the final course valuation/survey) Course council		
Feedback reporting of the course evaluation results to the students This document will be put on the course web page.		

Note that...

The analysis should (together with a summarising quantitative summary of the students' course evaluation) be communicated to the education committee at the department responsible for the course and for programme courses also to the programme coordinating committee.

The analysis was communicated to the education committee on the following date: 2026-02-09

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1. Description of any changes implemented since the previous course occasion based on the views of former students

No major changes have been made to the course. Some smaller changes include that the course material was expanded to include more exercises and more reading material, and the assessment criteria for the final individual take-home exam were updated. Since it was only the second time the course was given, there was also a lot of updates made to the course material, even though the intended learning outcomes and the content was the same.

2. Brief summary of the students' evaluation of the course

(Based on the students' quantitative responses to the course valuation and key views from free text responses. Quantitative summary and any graphs are attached.)

The students were in general positive. On a scale of 1-6 (1=totally disagree, 6=totally agree) the mean and median was 5 for the statement "The course as a whole was good". Particularly good was the response on "I felt included and respected during the course" with mean 5.5 and median 6. The statement "The course was designed in a way that provided me with opportunities for active learning" got a mean of 5.2 and median 6.

Several students pointed out that the workload is higher towards the end of the course compared to the start, and that the presentation on ethics could be moved to an earlier part of the course.

3. The Course Director's reflections on the implementation and results of the course

Strengths of the course:

The layout of the course was good, with the three major themes of how to analyse data for different types of research questions, along with lectures on other topics to cover all the intended learning outcomes.

As last year, the examination in the form of assignments went well and were an important part of promoting a scientific way of thinking and reasoning.

Weaknesses of the course:

The course material that the students are provided with to read and work on in their own time is mainly course material that expands on the topics covered in class. It would also be useful to have more exercises/quizzes that the students can use to prepare for the examination, and that the students can use for formative assessment of the topics covered in class.

3. Other views

The scheduling of the course can be a bit challenging with several lecturers, and taking into account that key lectures have been given before assignments can be distributed. This means that the workload is lower in the beginning of the course than the later part of the course. One alternative would be to move the oral presentation of the ethics assignment to the earlier part of the course. However, it would mean that it would be difficult to give all the key lectures before the assignments have to be distributed.

4. Course Director's conclusions and any suggestions for changes

(If changes are suggested, state who is responsible for implementing them and provide a schedule.)

There will be no major changes made for next year, since the evaluation was generally positive. However, small improvements will be made to all material, and the course director will discuss and give feedback to the content of the lectures with each lecturer separately.

The assessment criteria for the assignments will be revised, to make it more transparent for the students how the assignments are graded, especially the group assignments.

The students will be given quizzes/exercises during the course that will help them in assessing their learning. This will be prepared by the course director and the other teachers in collaboration.

I will also introduce peer review of group exercise, where the students read the assignment from another group and discuss and compare to their own solutions.

Appendices: