

Course analysis (course evaluation)

Course code 5MT013	Course title Biostatistics	Credits 6
Semester (VT/HT-yr) HT-2023	Dates 2023-12-06 – 2024-01-12	

Course Director Keith Humphreys	Examiner Keith Humphreys
Teachers in charge of different parts of the course Stephen Nash, Keith Humphreys, Nghia Vu, Elisavet Syriopoulou	Other participating teachers Robert Karlsson

Number of registered students at the 3-week check 29	Number passed at final course day 27	Response frequency course valuation survey 18/29 (62%)
Other methods for student influence (in addition to the final course valuation/survey) Course council with 12 students in attendance		
Feedback reporting of the course evaluation results to the students Students have received a summary		

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 will be communicated to the education committee on the following date: 2024-02-06
The analysis will be communicated to the programme coordinating committee on the following date: March 2024

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

N/A – This is a new course

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 expressed that they felt that they had developed new and valuable skills and had, overall, an impression of the course that was positive.

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

Strengths of the course:

The course covered the basic statistical methods that the students will meet in other parts of the program. The layout of the course was good and having a precision medicine course data set which the students worked on throughout was seen as a strength. The journal club was considered by the

teachers to work well. Not being graded this allowed the students more freedom and possibilities to try to explain concepts that they were not completely comfortable with.

Weaknesses of the course:

We were unable to go into any topics in depth and some topics that would be useful to the students have to be omitted. There is very little self-study time and written feedback from the students reflected this (several students felt that the course material should either be reduced or the time for the course extended).

3. Other views

Prior to the course we had little knowledge of the background knowledge (of statistics) of the students. The teachers felt that the material was pitched at the roughly the right level. We perhaps cover too many topics in too short a time. However, several of the students expressed that they were very happy to get exposure to the range of topics covered.

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.)

We will make only minor changes to the course content (minor modifications will be made to all parts of the course according to what worked well/didn't work well this year – we will try to remove some of the more peripheral material). Teachers working with specific parts of the course will each take responsibility for this. We will consider changing the assignment, at least the time at which it is handed out and the deadline for handing in. The two teachers working with the assignment (NV,KH) will take responsibility for this.

Appendices: