# Karolinska Institutet

VT2024-Chemical Biology

Respondents: 50
Answer Count: 32
Answer Frequency: 64.00%

In my view, I have developed valuable expertise/skills during the course.

In my view, I have developed valuable expertise/skills during the course.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	0 (0.0%)
to some extent	10 (31.2%)
to a large extent	17 (53.1%)
to a very large extent	5 (15.6%)
Total	32 (100.0%)
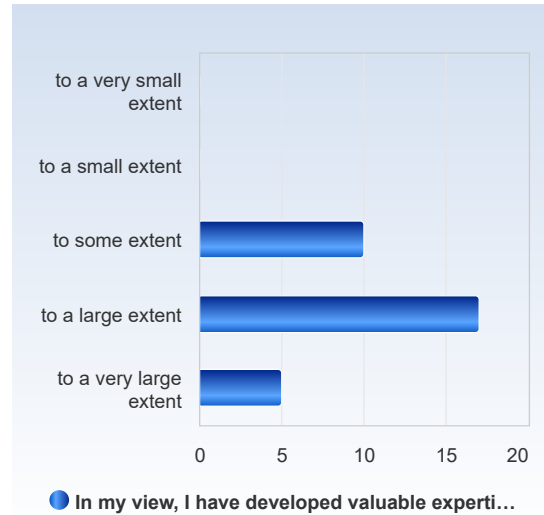
● In my view, I have developed valuable experti…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, I have developed valuable expertise /skills during the course.	3.8	0.7	17.6 %	3.0	3.0	4.0	4.0	5.0

In my view, I have achieved all the intended learning outcomes of the course.

In my view, I have achieved all the intended learning outcomes of the course.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	1 (3.1%)
to some extent	7 (21.9%)
to a large extent	22 (68.8%)
to a very large extent	2 (6.2%)
Total	32 (100.0%)
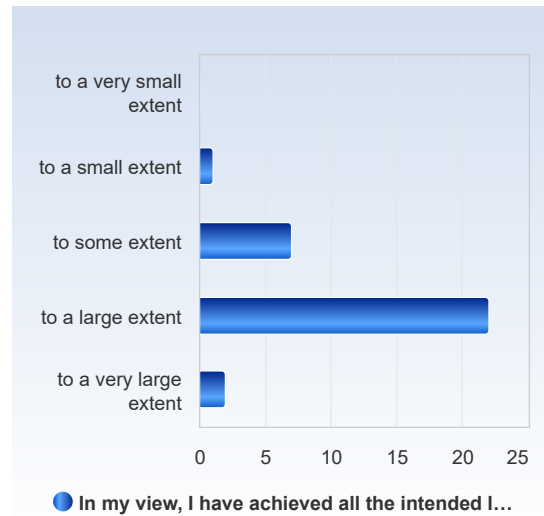
In my view, I have achieved all the intended l…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, I have achieved all the intended learning outcomes of the course.	3.8	0.6	16.1 %	2.0	3.5	4.0	4.0	5.0

In my view, there was a common theme running throughout the course – from learning outcomes to examinations.

In my view, there was a common theme running throughout the course – from learning outcomes to examinations.	Number of responses
to a very small extent	2 (6.2%)
to a small extent	4 (12.5%)
to some extent	5 (15.6%)
to a large extent	14 (43.8%)
to a very large extent	7 (21.9%)
Total	32 (100.0%)
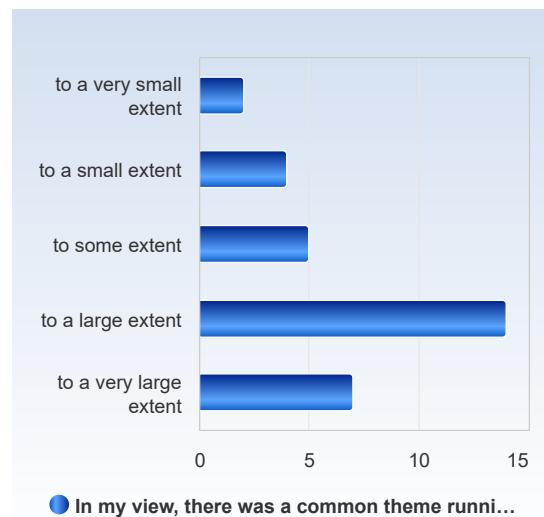
In my view, there was a common theme runni…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, there was a common theme running throughout the course – from learning outcomes to examinations.	3.6	1.2	31.9 %	1.0	3.0	4.0	4.0	5.0

In my view, the course has promoted a scientific way of thinking and reasoning (e.g. analytical and critical thinking, independent search for and evaluation of information).

| In my view, the course has promoted a scientific way of thinking and reasoning (e.g. analytical and critical thinking, independent search for and evaluation of information).	Number of responses
to a very small extent	0 (0.0%)
to a small extent	2 (6.2%)
to some extent	4 (12.5%)
to a large extent	13 (40.6%)
to a very large extent	13 (40.6%)
Total	32 (100.0%)
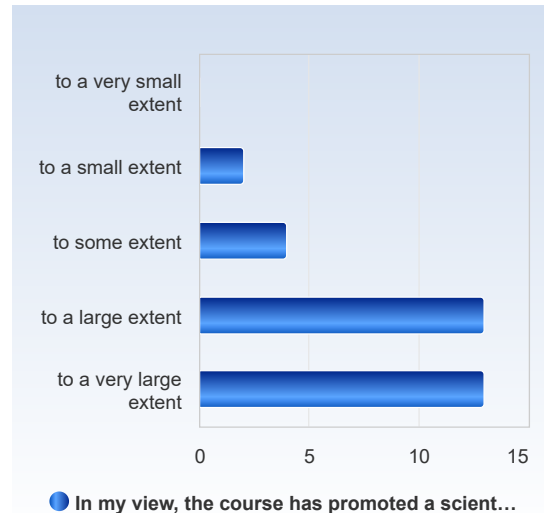
● In my view, the course has promoted a scient…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, the course has promoted a scientific way of thinking and reasoning (e.g. analytical and critical thinking, independent search for and evaluation of information).	4.2	0.9	21.3 %	2.0	4.0	4.0	5.0	5.0

In my view, during the course, the teachers have been open to ideas and opinions about the course's structure and content.

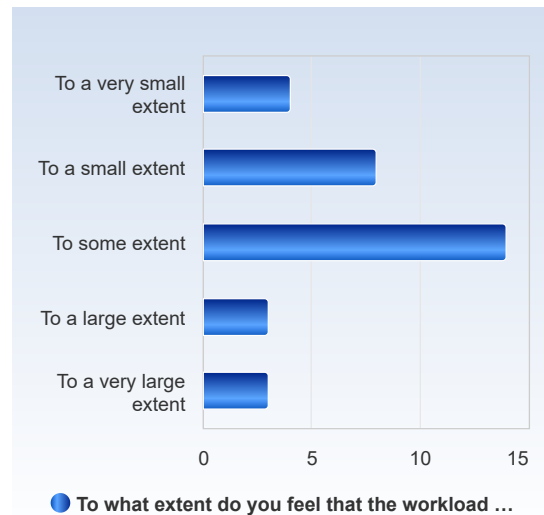| In my view, during the course, the teachers have been open to ideas and opinions about the course's structure and content.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	1 (3.1%)
to some extent	9 (28.1%)
to a large extent	10 (31.2%)
to a very large extent	12 (37.5%)
Total	32 (100.0%)
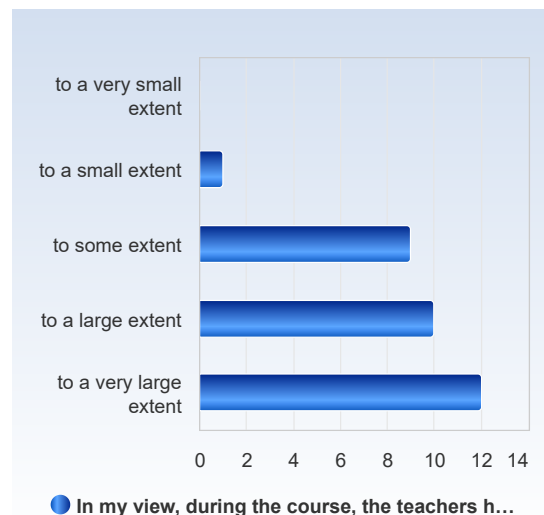
● In my view, during the course, the teachers h…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, during the course, the teachers have been open to ideas and opinions about the course's structure and content.	4.0	0.9	22.3 %	2.0	3.0	4.0	5.0	5.0

To what extent do you feel that the workload during the course was reasonable in relation to the extent of the course/number of credits awarded?

To what extent do you feel that the workload during the course was reasonable in relation to the extent of the course/number of credits awarded?	Number of responses
To a very small extent	4 (12.5%)
To a small extent	8 (25.0%)
To some extent	14 (43.8%)
To a large extent	3 (9.4%)
To a very large extent	3 (9.4%)
Total	32 (100.0%)

● To what extent do you feel that the workload …

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
To what extent do you feel that the workload during the course was reasonable in relation to the extent of the course/number of credits awarded?	2.8	1.1	39.5 %	1.0	2.0	3.0	3.0	5.0

The course structure and methods used (e.g. lectures, exercises, seminars, assignments etc.) were relevant in relation to the learning outcomes.

The course structure and methods used (e.g. lectures, exercises, seminars, assignments etc.) were relevant in relation to the learning outcomes.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	1 (3.1%)
to some extent	7 (21.9%)
to a large extent	18 (56.2%)
to a very large extent	6 (18.8%)
Total	32 (100.0%)
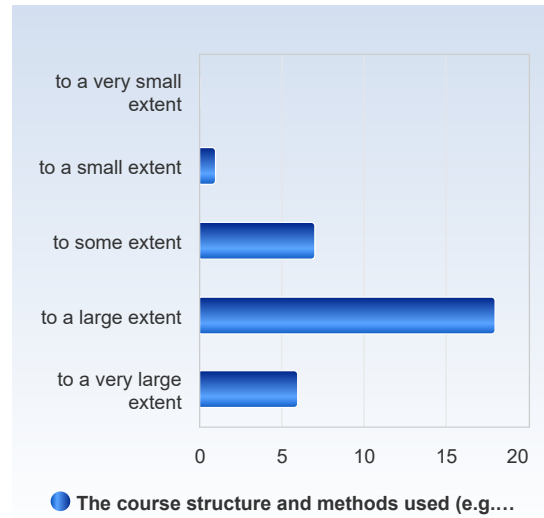
● The course structure and methods used (e.g....

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The course structure and methods used (e.g. lectures, exercises, seminars, assignments etc.) were relevant in relation to the learning outcomes.	3.9	0.7	18.8 %	2.0	3.5	4.0	4.0	5.0

The examination was relevant in relation to the learning outcomes.

The examination was relevant in relation to the learning outcomes.	Number of responses
to a very small extent	1 (3.2%)
to a small extent	1 (3.2%)
to some extent	8 (25.8%)
to a large extent	19 (61.3%)
to a very large extent	2 (6.5%)
Total	31 (100.0%)
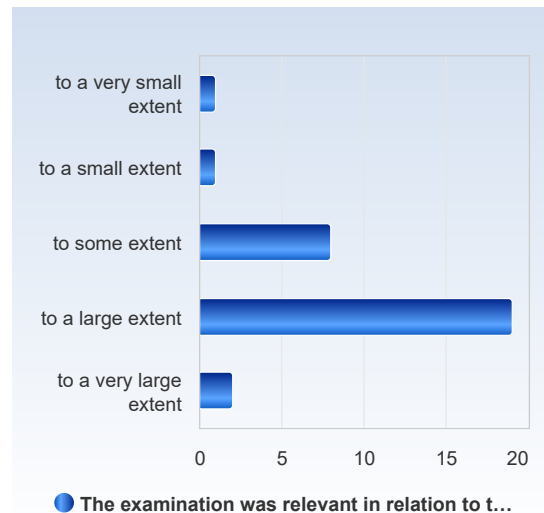
● The examination was relevant in relation to t…

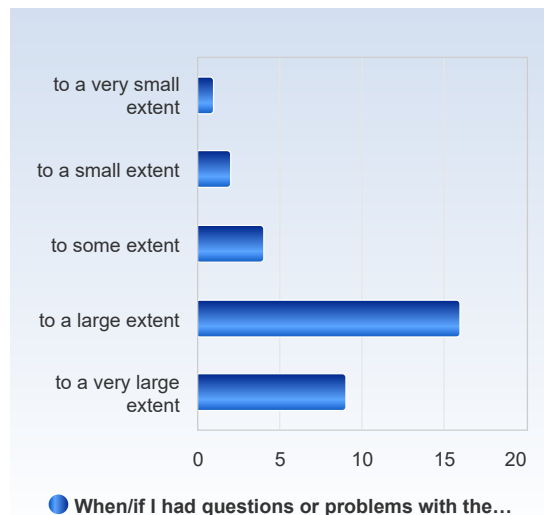|	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The examination was relevant in relation to the learning outcomes.	3.6	0.8	21.9 %	1.0	3.0	4.0	4.0	5.0

I took responsibility for my own learning during this course.

I took responsibility for my own learning during this course.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	2 (6.2%)
to some extent	3 (9.4%)
to a large extent	16 (50.0%)
to a very large extent	11 (34.4%)
Total	32 (100.0%)
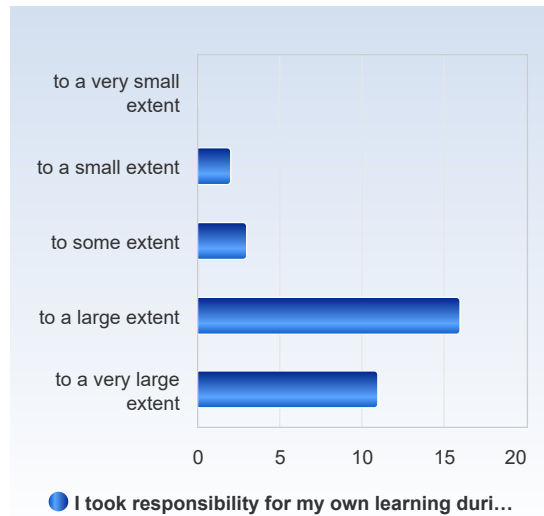
● I took responsibility for my own learning duri…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
I took responsibility for my own learning during this course.	4.1	0.8	20.2 %	2.0	4.0	4.0	5.0	5.0

When/if I had questions or problems with the course content, I felt that I could turn to my teacher/supervisor for guidance.

When/if I had questions or problems with the course content, I felt that I could turn to my teacher/supervisor for guidance.	Number of responses
to a very small extent	1 (3.1%)
to a small extent	2 (6.2%)
to some extent	4 (12.5%)
to a large extent	16 (50.0%)
to a very large extent	9 (28.1%)
Total	32 (100.0%)

● When/if I had questions or problems with the…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
When/if I had questions or problems with the course content, I felt that I could turn to my teacher/supervisor for guidance.	3.9	1.0	24.9 %	1.0	4.0	4.0	5.0	5.0

The feedback that I have received has been important for my development and learning.

The feedback that I have received has been important for my development and learning.	Number of responses
to a very small extent	1 (3.1%)
to a small extent	4 (12.5%)
to some extent	10 (31.2%)
to a large extent	9 (28.1%)
to a very large extent	8 (25.0%)
Total	32 (100.0%)
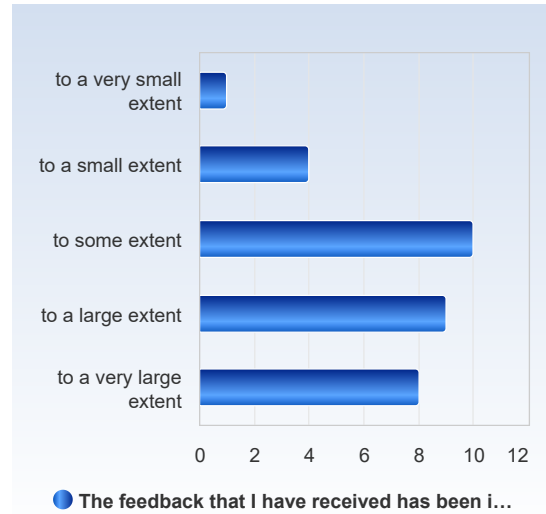
The feedback that I have received has been i…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The feedback that I have received has been important for my development and learning.	3.6	1.1	30.7 %	1.0	3.0	4.0	4.5	5.0

What is your overall opinion of the course?

What is your overall opinion of the course?	Number of responses
very poor	1 (3.1%)
poor	5 (15.6%)
OK	12 (37.5%)
good	9 (28.1%)
very good	5 (15.6%)
Total	32 (100.0%)
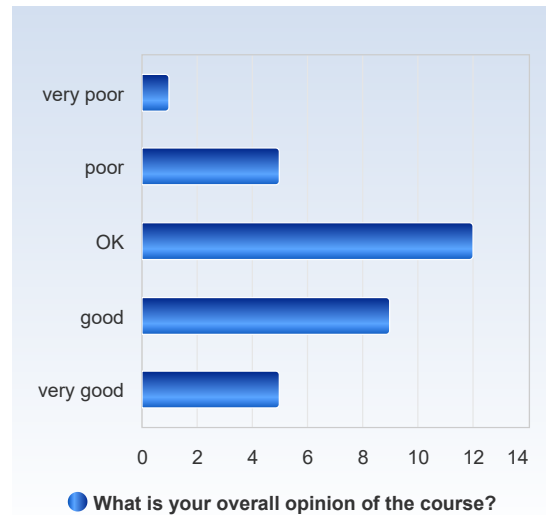
What is your overall opinion of the course?

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
What is your overall opinion of the course?	3.4	1.0	30.8 %	1.0	3.0	3.0	4.0	5.0

In my view, there was a common theme running throughout the course – from learning outcomes to examinations.

In my view, there was a common theme running throughout the course – from learning outcomes to examinations.	Number of responses
to a very small extent	1 (3.1%)
to a small extent	3 (9.4%)
to some extent	10 (31.2%)
to a large extent	14 (43.8%)
to a very large extent	4 (12.5%)
Total	32 (100.0%)
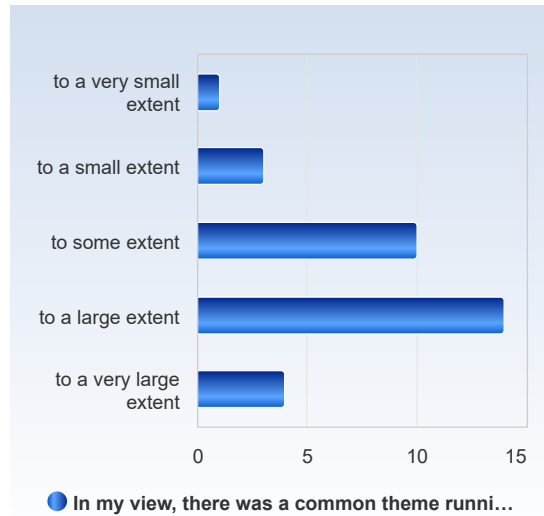
In my view, there was a common theme runni…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
In my view, there was a common theme running throughout the course – from learning outcomes to examinations.	3.5	0.9	26.9 %	1.0	3.0	4.0	4.0	5.0

Rate the following aspects of the course (the more stars, the better)

Number of lectures

Number of lectures	Number of responses
poor	1 (3.1%)
	1 (3.1%)
	5 (15.6%)
	13 (40.6%)
good	12 (37.5%)
Total	32 (100.0%)
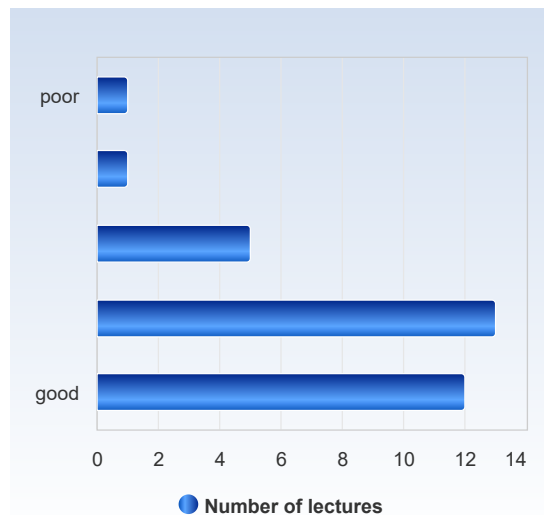
Number of lectures

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Number of lectures	4.1	1.0	24.2 %	1.0	4.0	4.0	5.0	5.0

Length of lectures

Length of lectures	Number of responses
poor	0 (0.0%)
	2 (6.2%)
	7 (21.9%)
	12 (37.5%)
good	11 (34.4%)
Total	32 (100.0%)

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Length of lectures	4.0	0.9	22.9 %	2.0	3.0	4.0	5.0	5.0

Number of seminars

Number of seminars	Number of responses
poor	0 (0.0%)
	6 (18.8%)
	3 (9.4%)
	11 (34.4%)
good	12 (37.5%)
Total	32 (100.0%)
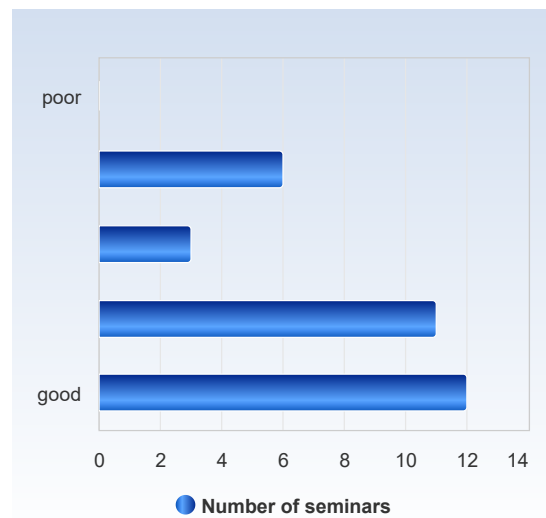
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Number of seminars	3.9	1.1	28.6 %	2.0	3.0	4.0	5.0	5.0

Amount of practical work

Amount of practical work	Number of responses
poor	1 (3.1%)
	2 (6.2%)
	8 (25.0%)
	13 (40.6%)
good	8 (25.0%)
Total	32 (100.0%)
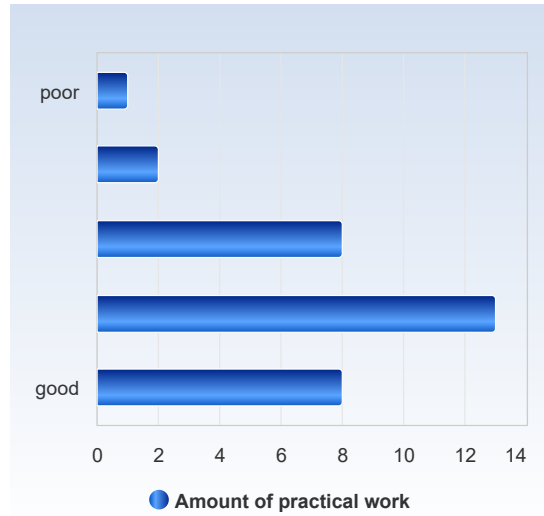
Amount of practical work

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Amount of practical work	3.8	1.0	26.6 %	1.0	3.0	4.0	4.5	5.0

Number of project work meetings

Number of project work meetings	Number of responses
poor	1 (3.2%)
	0 (0.0%)
	9 (29.0%)
	7 (22.6%)
good	14 (45.2%)
Total	31 (100.0%)

Number of project work meetings

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Number of project work meetings	4.1	1.0	25.4 %	1.0	3.0	4.0	5.0	5.0

Project work group

Project work group	Number of responses
poor	1 (3.1%)
	1 (3.1%)
	3 (9.4%)
	11 (34.4%)
good	16 (50.0%)
Total	32 (100.0%)
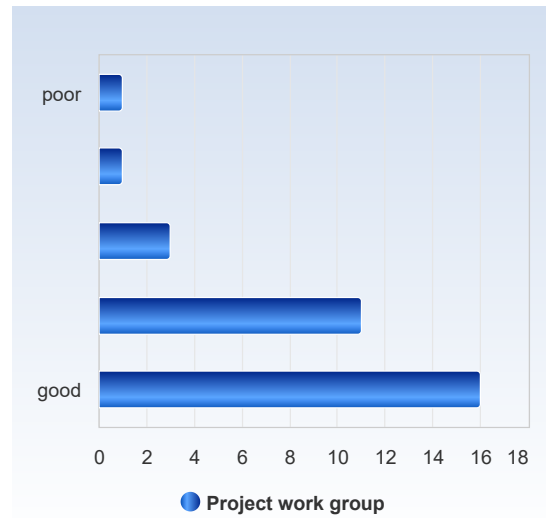
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Project work group	4.2	1.0	23.1 %	1.0	4.0	4.5	5.0	5.0

Rate the following teaching modules.

Lectures

Lectures	Number of responses
very poor	0 (0.0%)
poor	1 (3.1%)
OK	10 (31.2%)
good	15 (46.9%)
very good	6 (18.8%)
Total	32 (100.0%)
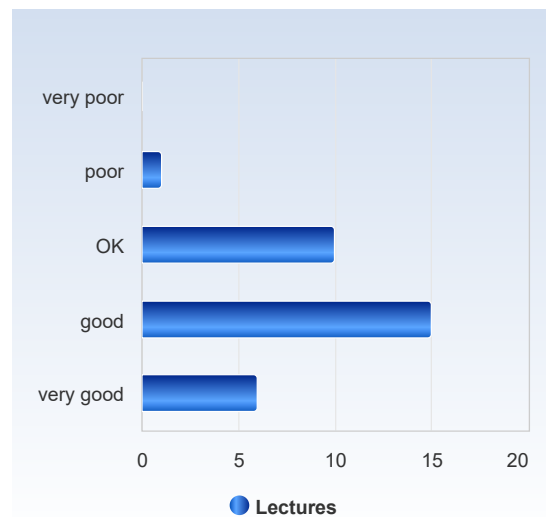
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Lectures	3.8	0.8	20.5 %	2.0	3.0	4.0	4.0	5.0

Seminars

Seminars	Number of responses
very poor	1 (3.2%)
poor	1 (3.2%)
OK	8 (25.8%)
good	12 (38.7%)
very good	9 (29.0%)
Total	31 (100.0%)
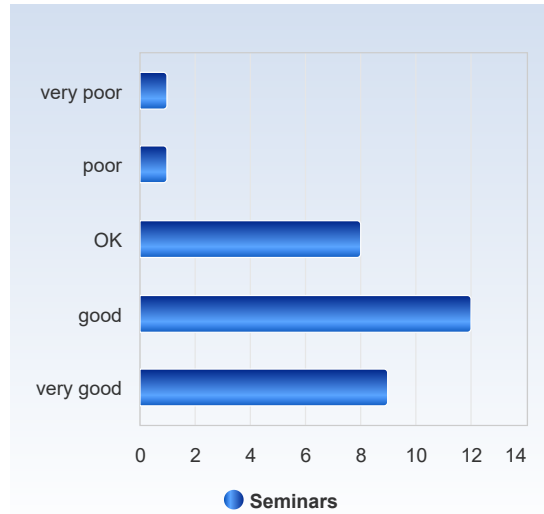
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Seminars	3.9	1.0	25.6 %	1.0	3.0	4.0	5.0	5.0

Computer lab

Computer lab	Number of responses
very poor	4 (12.5%)
poor	4 (12.5%)
OK	7 (21.9%)
good	10 (31.2%)
very good	7 (21.9%)
Total	32 (100.0%)
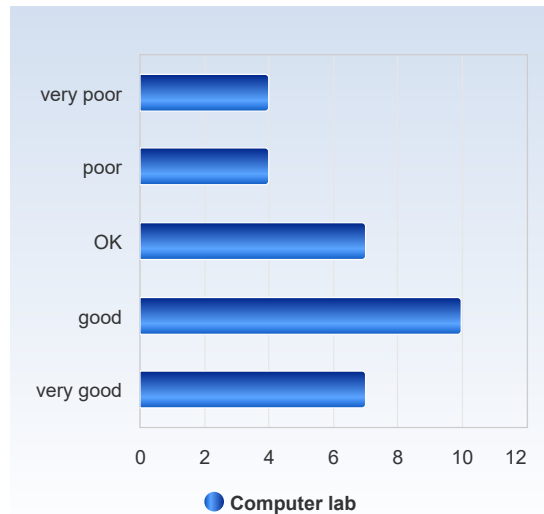
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Computer lab	3.4	1.3	38.9 %	1.0	2.5	4.0	4.0	5.0

Inhibitor (wet) lab

Inhibitor (wet) lab	Number of responses
very poor	0 (0.0%)
poor	0 (0.0%)
OK	10 (31.2%)
good	12 (37.5%)
very good	10 (31.2%)
Total	32 (100.0%)
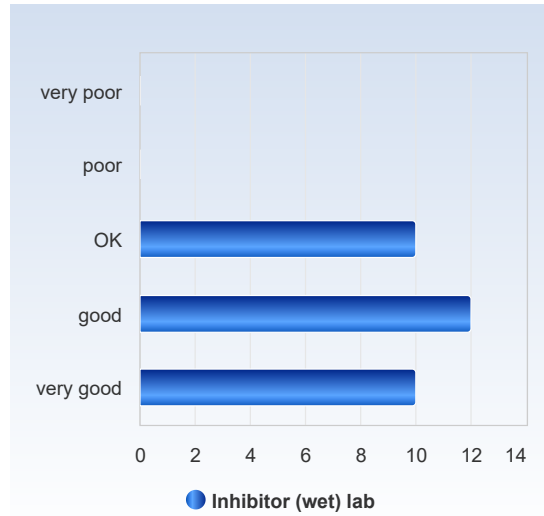
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Inhibitor (wet) lab	4.0	0.8	20.1 %	3.0	3.0	4.0	5.0	5.0

Project work

Project work	Number of responses
very poor	1 (3.1%)
poor	1 (3.1%)
OK	7 (21.9%)
good	11 (34.4%)
very good	12 (37.5%)
Total	32 (100.0%)

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Project work	4.0	1.0	25.4 %	1.0	3.0	4.0	5.0	5.0

Lab manuals

Lab manuals	Number of responses
very poor	1 (3.1%)
poor	6 (18.8%)
OK	2 (6.2%)
good	11 (34.4%)
very good	12 (37.5%)
Total	32 (100.0%)
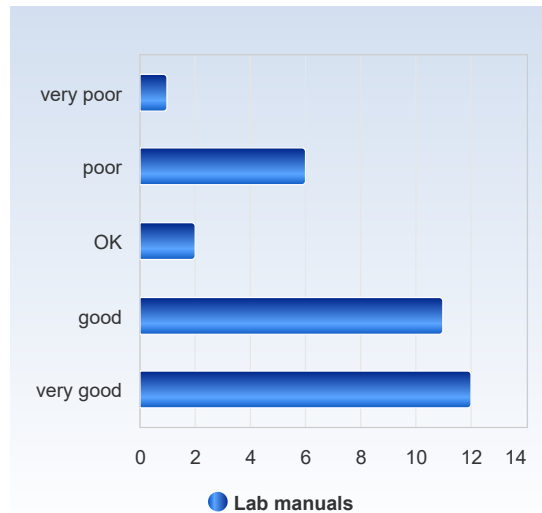
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Lab manuals	3.8	1.2	31.8 %	1.0	3.0	4.0	5.0	5.0

For the entire course rate the attitude of the people (staff) you have been in contact with the MBB on the course.

Course director (Bernhard Lohkamp)

Course director (Bernhard Lohkamp)	Number of responses
very poor	1 (3.2%)
poor	1 (3.2%)
OK	4 (12.9%)
good	8 (25.8%)
very good	17 (54.8%)
Total	31 (100.0%)
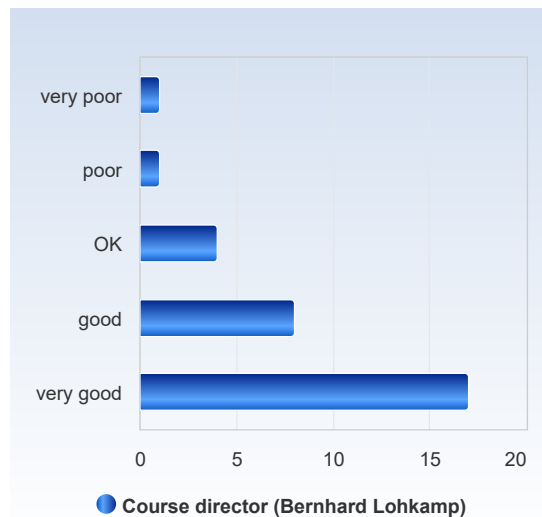
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Course director (Bernhard Lohkamp)	4.3	1.0	24.2 %	1.0	4.0	5.0	5.0	5.0

Lecturers

Lecturers	Number of responses
very poor	0 (0.0%)
poor	0 (0.0%)
OK	5 (16.7%)
good	12 (40.0%)
very good	13 (43.3%)
Total	30 (100.0%)
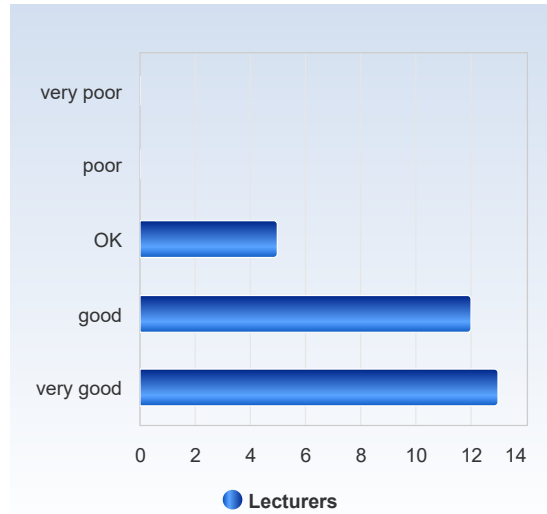
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Lecturers	4.3	0.7	17.3 %	3.0	4.0	4.0	5.0	5.0

Seminar/Workshop teachers

Seminar/Workshop teachers	Number of responses
very poor	0 (0.0%)
poor	1 (3.4%)
OK	2 (6.9%)
good	14 (48.3%)
very good	12 (41.4%)
Total	29 (100.0%)
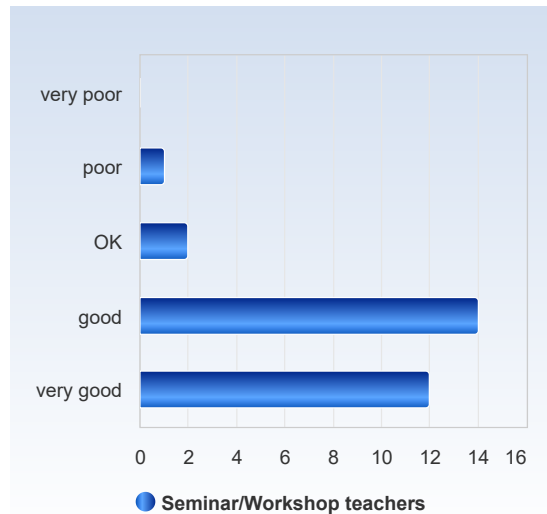
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Seminar /Workshop teachers	4.3	0.8	17.6 %	2.0	4.0	4.0	5.0	5.0

Lab teachers

Lab teachers	Number of responses
very poor	0 (0.0%)
poor	0 (0.0%)
OK	4 (12.9%)
good	17 (54.8%)
very good	10 (32.3%)
Total	31 (100.0%)
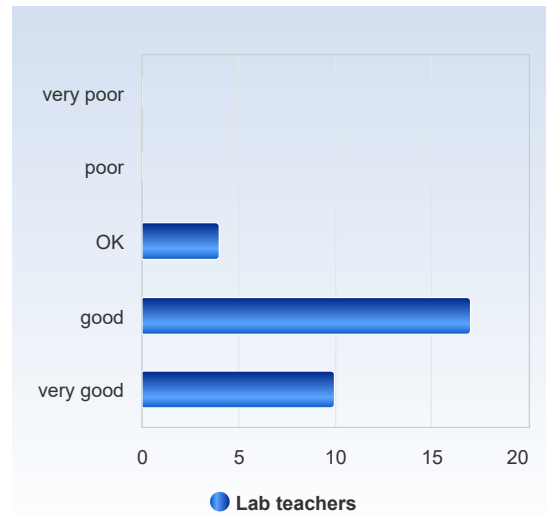
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Lab teachers	4.2	0.7	15.6 %	3.0	4.0	4.0	5.0	5.0

Course administrator (Anurupa Nagchowdhury)

Course administrator (Anurupa Nagchowdhury)	Number of responses
very poor	1 (4.0%)
poor	0 (0.0%)
OK	2 (8.0%)
good	8 (32.0%)
very good	14 (56.0%)
Total	25 (100.0%)
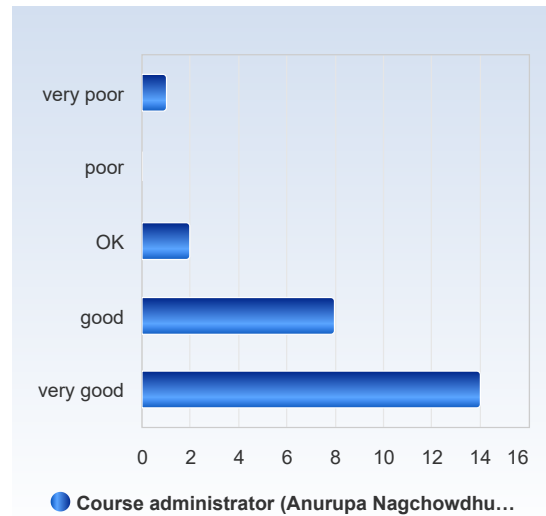
	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Course administrator (Anurupa Nagchowdhury)	4.4	1.0	21.8 %	1.0	4.0	5.0	5.0	5.0

Course lab (Annika Olsson and Joseph Bruton)

Course lab (Annika Olsson and Joseph Bruton)	Number of responses
very poor	0 (0.0%)
poor	0 (0.0%)
OK	3 (11.1%)
good	11 (40.7%)
very good	13 (48.1%)
Total	27 (100.0%)
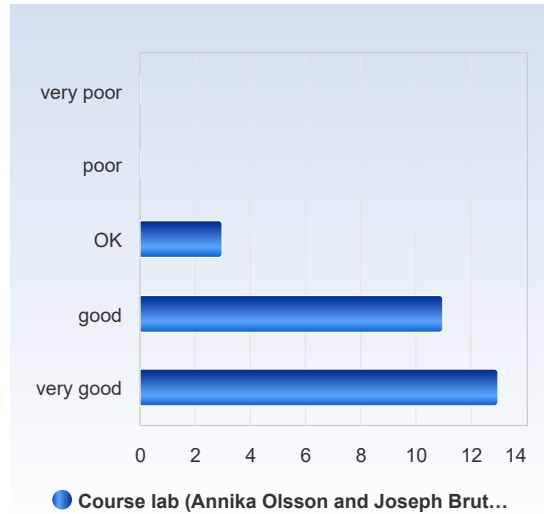
● Course lab (Annika Olsson and Joseph Brut…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Course lab (Annika Olsson and Joseph Bruton)	4.4	0.7	15.7 %	3.0	4.0	4.0	5.0	5.0

Labster/Digital lab increased my interest towards the course content.

Labster/Digital lab increased my interest towards the course content.	Number of responses
to a very small extent	4 (22.2%)
to a small extent	4 (22.2%)
to some extent	5 (27.8%)
to a large extent	3 (16.7%)
to a very large extent	2 (11.1%)
Total	18 (100.0%)
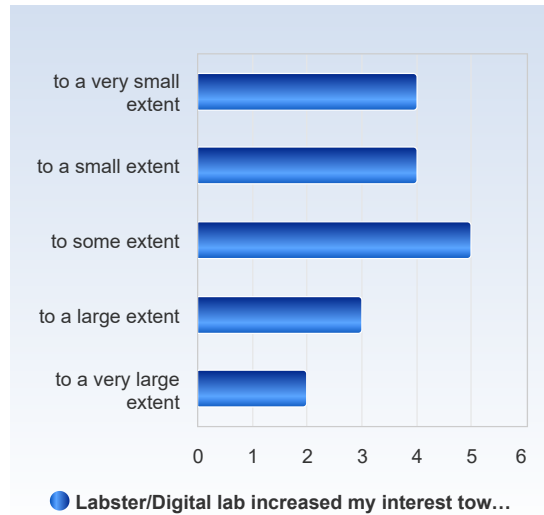
● Labster/Digital lab increased my interest tow…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Labster/Digital lab increased my interest towards the course content.	2.7	1.3	48.5 %	1.0	2.0	3.0	3.5	5.0

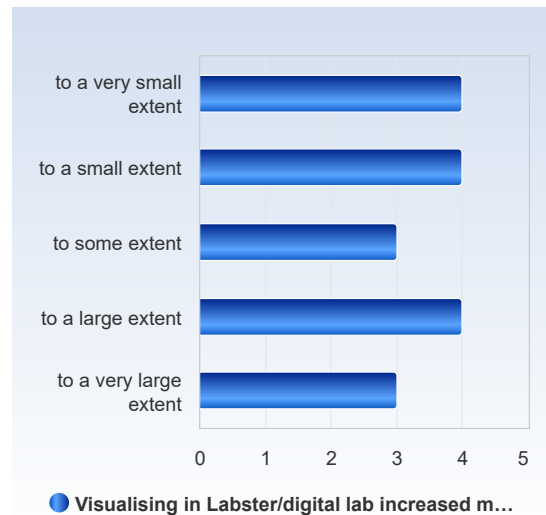**Labster/Digital lab increased my understanding of the course content.**

Labster/Digital lab increased my understanding of the course content.	Number of responses
to a very small extent	4 (21.1%)
to a small extent	2 (10.5%)
to some extent	5 (26.3%)
to a large extent	5 (26.3%)
to a very large extent	3 (15.8%)
Total	19 (100.0%)
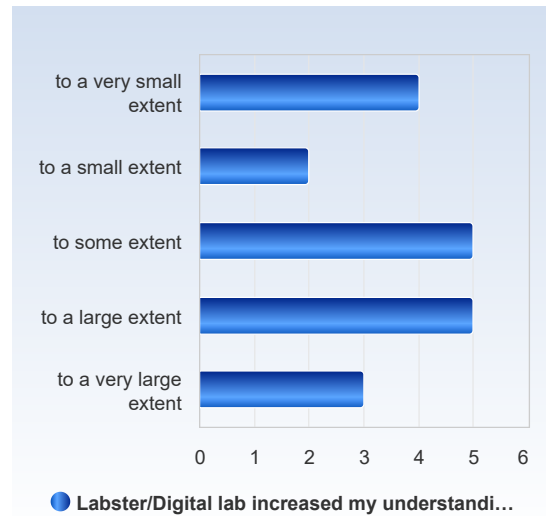
● Labster/Digital lab increased my understandi…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Labster/Digital lab increased my understanding of the course content.	3.1	1.4	45.6 %	1.0	2.0	3.0	4.0	5.0

Visualising in Labster/digital lab increased my ability to integrate theory and practice.

Visualising in Labster/digital lab increased my ability to integrate theory and practice.	Number of responses
to a very small extent	4 (22.2%)
to a small extent	4 (22.2%)
to some extent	3 (16.7%)
to a large extent	4 (22.2%)
to a very large extent	3 (16.7%)
Total	18 (100.0%)

● Visualising in Labster/digital lab increased m…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Visualising in Labster/digital lab increased my ability to integrate theory and practice.	2.9	1.5	50.2 %	1.0	2.0	3.0	4.0	5.0

Did you have any technical problems with Labster/digital lab? Yes/No. If yes, describe the problems.

Did you have any technical problems with Labster/digital lab? Yes/No. If yes, describe the problems.	Number of responses
Yes	2 (11.1%)
No	16 (88.9%)
Total	18 (100.0%)
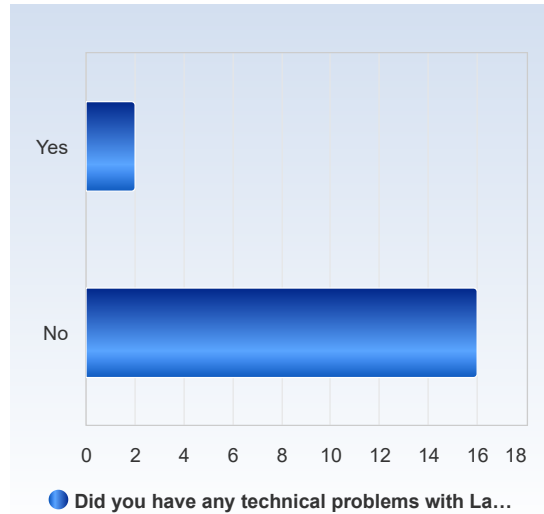
● Did you have any technical problems with La…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Did you have any technical problems with Labster/digital lab? Yes/No. If yes, describe the problems.	1.9	0.3	17.1 %	1.0	2.0	2.0	2.0	2.0