# 5MT006-HT22 General course evaluation survey for the Master's Programme in Molecular techniques in Life Science

Respondents: 35
Answer Count: 24
Answer Frequency: 68.57%

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	8 (33.3%)
to a large extent	11 (45.8%)
to a very large extent	5 (20.8%)
Total	24 (100.0%)
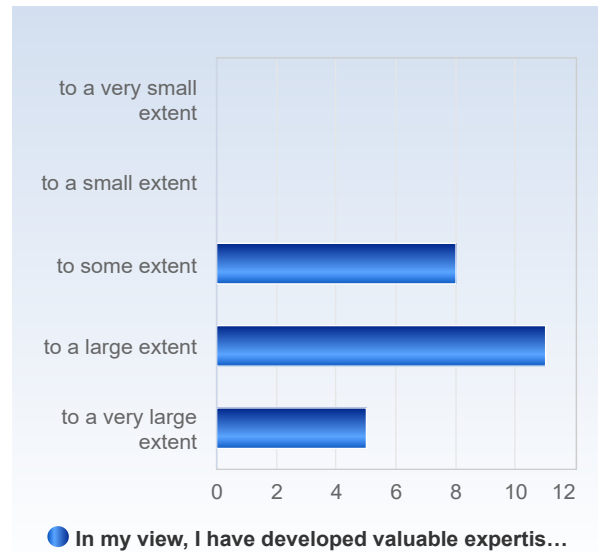
● In my view, I have developed valuable expertis…

	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.	3.9	0.7	19.1 %	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	0 (0.0%)
to some extent	3 (12.5%)
to a large extent	16 (66.7%)
to a very large extent	5 (20.8%)
Total	24 (100.0%)

🔵 In my view, I have achieved all the intended lea…

	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.	4.1	0.6	14.3 %	3.0	4.0	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	0 (0.0%)
to a small extent	1 (4.2%)
to some extent	8 (33.3%)
to a large extent	14 (58.3%)
to a very large extent	1 (4.2%)
Total	24 (100.0%)

🔵 In my view, there was a common theme runnin…

	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	0.6	17.8 %	2.0	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	0 (0.0%)
to some extent	3 (12.5%)
to a large extent	13 (54.2%)
to a very large extent	8 (33.3%)
Total	24 (100.0%)

🔵 **In my view, the course has promoted a scientifi…**

	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	0.7	15.6 %	3.0	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.

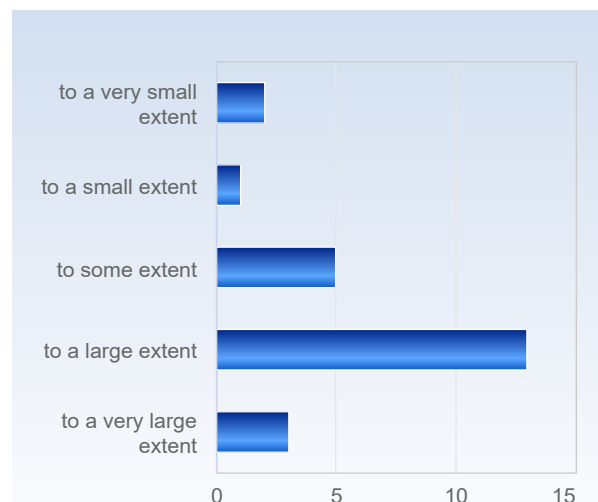| In my view, during the course, the teachers have been open to ideas and opinions about the course's structure and content.	Number of responses
to a very small extent	1 (4.2%)
to a small extent	0 (0.0%)
to some extent	5 (20.8%)
to a large extent	6 (25.0%)
to a very large extent	12 (50.0%)
Total	24 (100.0%)
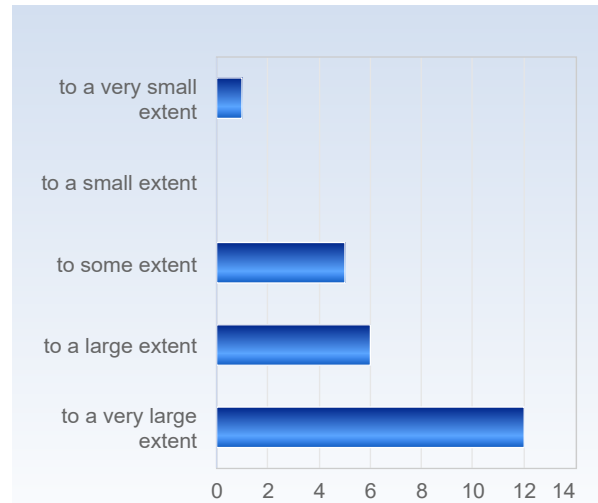
● In my view, during the course, the teachers ha…

	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.	4.2	1.0	25.2 %	1.0	3.5	4.5	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	2 (8.3%)
to a small extent	1 (4.2%)
to some extent	5 (20.8%)
to a large extent	13 (54.2%)
to a very large extent	3 (12.5%)
Total	24 (100.0%)

● To what extent do you feel that the workload d…

	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?	3.6	1.1	29.6 %	1.0	3.0	4.0	4.0	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	1 (4.2%)
to a small extent	1 (4.2%)
to some extent	1 (4.2%)
to a large extent	16 (66.7%)
to a very large extent	5 (20.8%)
Total	24 (100.0%)
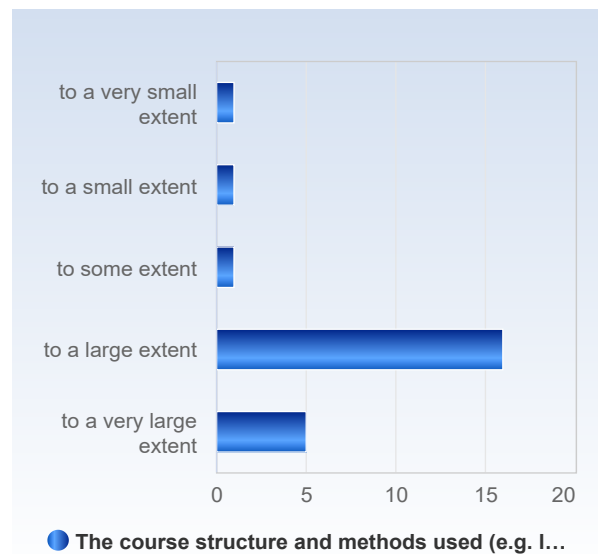
● The course structure and methods used (e.g. l…

	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.	4.0	0.9	22.9 %	1.0	4.0	4.0	4.0	5.0

# The course built upon my knowledge from previous courses in the programme.

The course built upon my knowledge from previous courses in the programme.	Number of responses
to a very small extent	0 (0.0%)
to a small extent	1 (4.2%)
to some extent	7 (29.2%)
to a large extent	14 (58.3%)
to a very large extent	2 (8.3%)
Total	24 (100.0%)
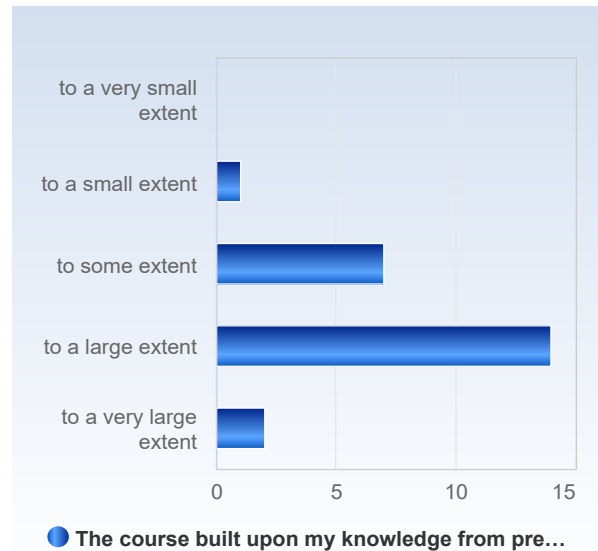
● The course built upon my knowledge from pre…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The course built upon my knowledge from previous courses in the programme.	3.7	0.7	18.6 %	2.0	3.0	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	0 (0.0%)
to a small extent	0 (0.0%)
to some extent	2 (8.3%)
to a large extent	15 (62.5%)
to a very large extent	7 (29.2%)
Total	24 (100.0%)
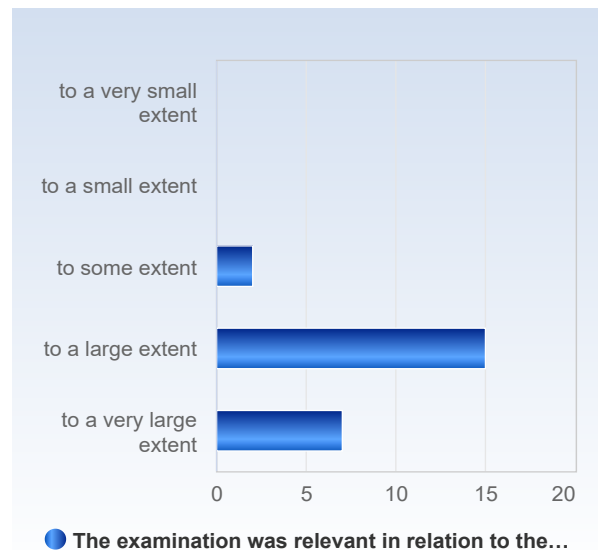
● The examination was relevant in relation to the…

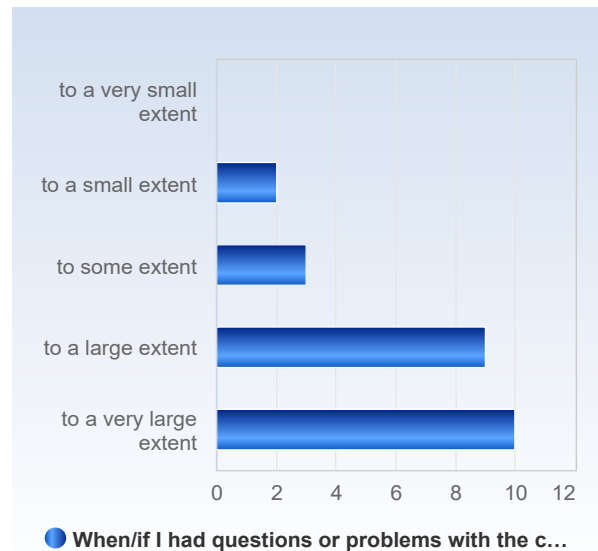|	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
The examination was relevant in relation to the learning outcomes.	4.2	0.6	14.0 %	3.0	4.0	4.0	5.0	5.0

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	0 (0.0%)
to some extent	0 (0.0%)
to a large extent	13 (54.2%)
to a very large extent	11 (45.8%)
Total	24 (100.0%)

● I took responsibility for my own learning durin…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
I took responsibility for my own learning during this course.	4.5	0.5	11.4 %	4.0	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	0 (0.0%)
to a small extent	2 (8.3%)
to some extent	3 (12.5%)
to a large extent	9 (37.5%)
to a very large extent	10 (41.7%)
Total	24 (100.0%)

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

	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.	4.1	0.9	23.0 %	2.0	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	0 (0.0%)
to a small extent	1 (4.2%)
to some extent	7 (29.2%)
to a large extent	15 (62.5%)
to a very large extent	1 (4.2%)
Total	24 (100.0%)

● The feedback that I have received has been im…

	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.	3.7	0.6	17.4 %	2.0	3.0	4.0	4.0	5.0

What is your overall opinion of the course?

What is your overall opinion of the course?	Number of responses
very poor	0 (0.0%)
poor	1 (4.2%)
ok	2 (8.3%)
good	15 (62.5%)
very good	6 (25.0%)
Total	24 (100.0%)
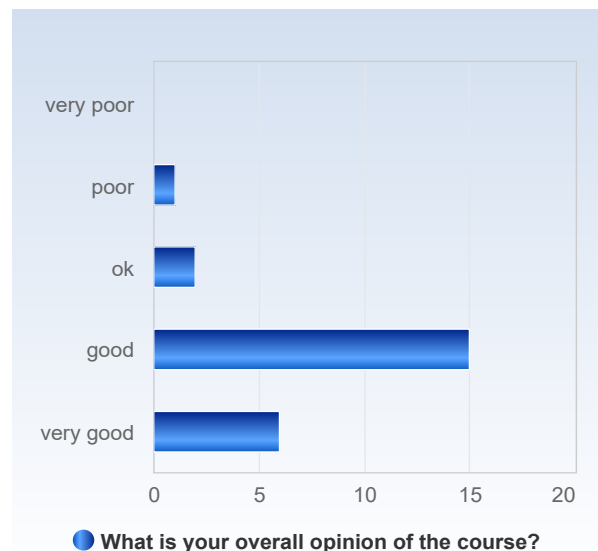
● What is your overall opinion of the course?

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
What is your overall opinion of the course?	4.1	0.7	17.6 %	2.0	4.0	4.0	4.5	5.0

Extra questions for research

Karolinska Institutet is part of an Erasmus+ strategic partnership, aiming to develop virtual laboratory training and teamwork in biomedicine education.

We would be grateful if you can answer several questions about virtual lab. By answering the following questions, you also give consent to allow us use, analyse and distribute the answers for research purpose.

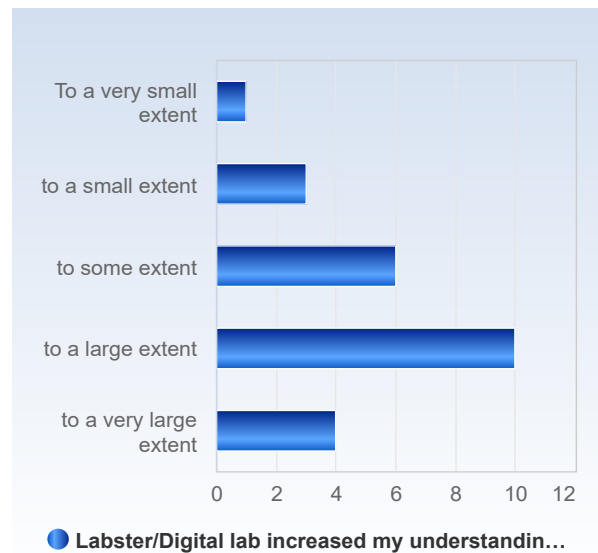## Labster/Digital lab increased my interest towards the course content.

Labster/Digital lab increased my **interest** towards the course content.	Number of responses
To a very small extent	1 (4.2%)
to a small extent	4 (16.7%)
to some extent	9 (37.5%)
to a large extent	9 (37.5%)
to a very large extent	1 (4.2%)
Total	24 (100.0%)
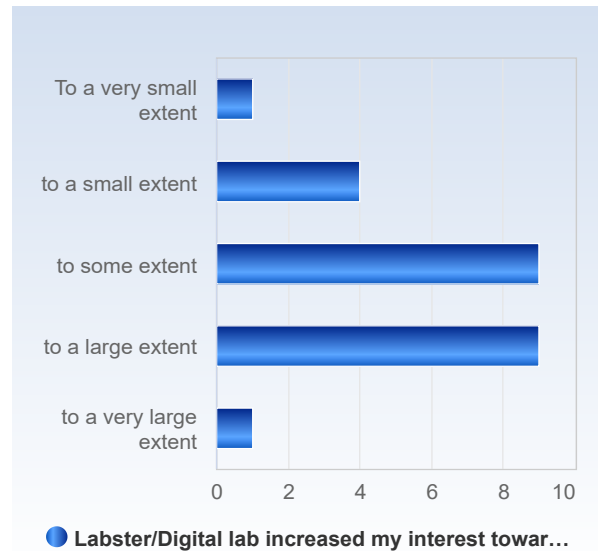
● Labster/Digital lab increased my interest towar…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Labster/Digital lab increased my **interest** towards the course content.	3.2	0.9	29.0 %	1.0	3.0	3.0	4.0	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	1 (4.2%)
to a small extent	3 (12.5%)
to some extent	6 (25.0%)
to a large extent	10 (41.7%)
to a very large extent	4 (16.7%)
Total	24 (100.0%)

● Labster/Digital lab increased my understandin…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Labster/Digital lab increased my **understanding** of the course content.	3.5	1.1	30.0 %	1.0	3.0	4.0	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	1 (4.3%)
to a small extent	3 (13.0%)
to some extent	7 (30.4%)
to a large extent	11 (47.8%)
to a very large extent	1 (4.3%)
Total	23 (100.0%)
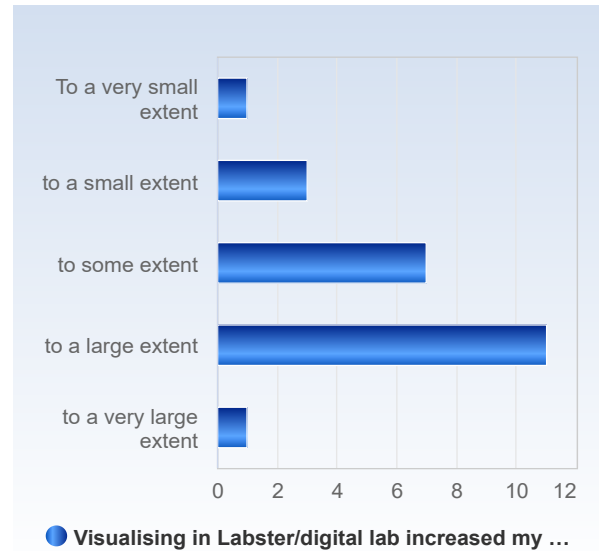
● **Visualising in Labster/digital lab increased my …**

	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**.	3.3	0.9	27.9 %	1.0	3.0	4.0	4.0	5.0

Labster/Digital lab prepared me for the laboratory sessions.

Labster/Digital lab **prepared me for the laboratory sessions.**	Number of responses
To a very small extent	3 (12.5%)
to a small extent	10 (41.7%)
to some extent	4 (16.7%)
to a large extent	6 (25.0%)
to a very large extent	1 (4.2%)
Total	24 (100.0%)
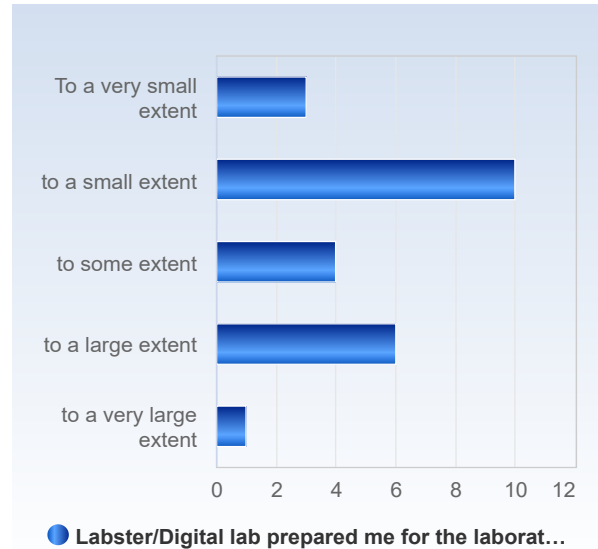
● Labster/Digital lab prepared me for the laborat…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Labster/Digital lab **prepared me for the laboratory sessions.**	2.7	1.1	42.3 %	1.0	2.0	2.0	4.0	5.0

Has your learning benefitted from Labster/digital lab? Please explain.

Has your learning benefitted from Labster/digital lab? Please explain.	Number of responses
Yes	19 (79.2%)
No	5 (20.8%)
Total	24 (100.0%)
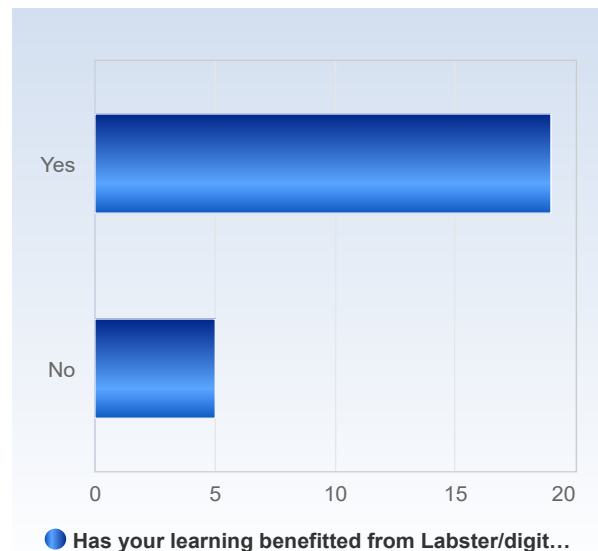
● Has your learning benefitted from Labster/digit…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Has your learning benefitted from Labster/digital lab? Please explain.	1.2	0.4	34.3 %	1.0	1.0	1.0	1.0	2.0

![Karolinska Institutet logo]

Did you have any technical problems with Labster/digital lab? If yes, describe the problems.

Did you have any technical problems with Labster/digital lab? If yes, describe the problems.	Number of responses
Yes	8 (34.8%)
No	15 (65.2%)
Total	23 (100.0%)
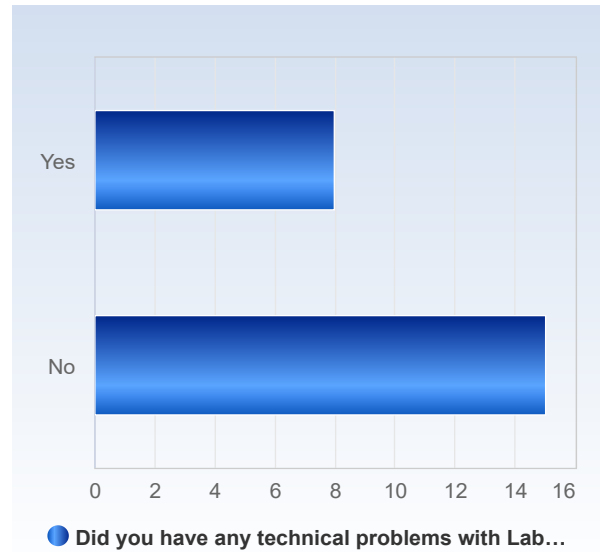
● Did you have any technical problems with Lab…

	Mean	Standard Deviation	Coefficient of Variation	Min	Lower Quartile	Median	Upper Quartile	Max
Did you have any technical problems with Labster/digital lab? If yes, describe the problems.	1.7	0.5	29.5 %	1.0	1.0	2.0	2.0	2.0