

Course evaluation report - CEQ, FMSN20

Basic facts

Course name	Spatial Statistics with Image Analysis		
Course code	FMSN20		
ECTS credits	7.5 hp	Study hours according to the curricula	
Year	202526	Lectures	26 h
Study period the course was finished	HT_LP2	Group work	0 h
Programme	all	Laboratories	18 h
Registrated students	57	Time with supervisor	1 h
Number answers and response rate	9 / 16 %	Self study time	150 h
Number answers from males	3		
Number answers from females	3		

Since less than 20 students have answered the questionnaire no statistical significance tests have been made.

Summary of questionnaires

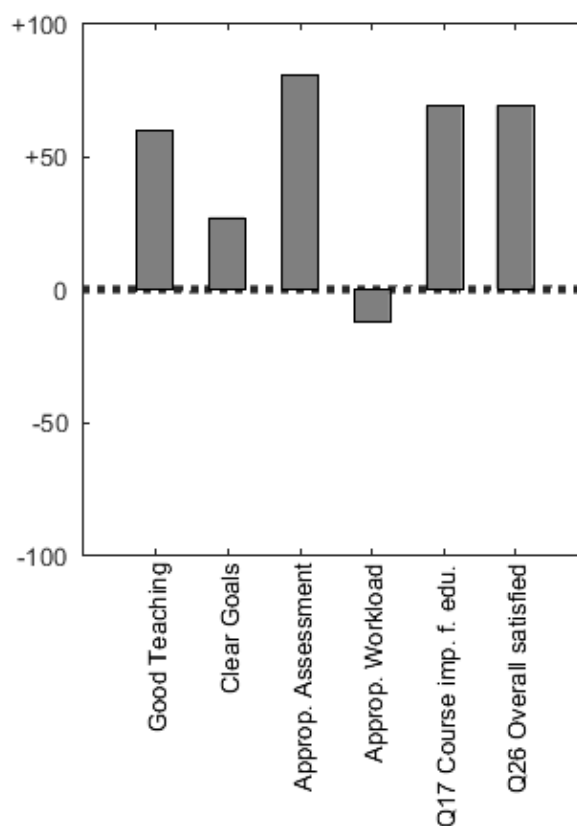
The CEQ-score span between -100 och +100, there -100 means that "I fully disagree to the statement" and +100 "I fully agree to the statement".

Presence at teaching

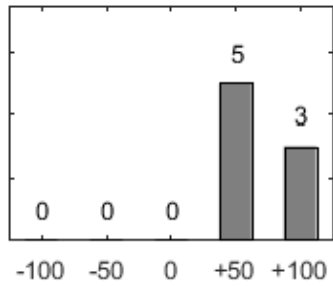
Part of teaching	Number	Share
0 %	0	0 %
20 %	1	11 %
40 %	0	0 %
60 %	0	0 %
80 %	2	22 %
100 %	6	67 %

CEQ-scales & special questions

Scale	CEQ-score	StdDev
Good Teaching	+60	18
Clear Goals and Standards	+27	33
Appropriate Assessment	+80	21
Appropriate Workload	-13	40
Generic Skills	+57	22
Special questions		
The course seems important for my edu.	+69	37
Overall, I am satisfied with this course	+69	26



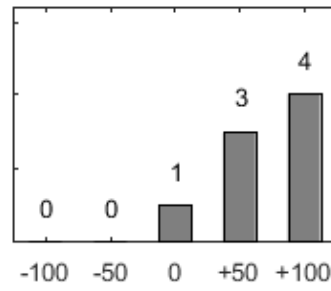
Distribution of the answers from question 26: "Overall, I am satisfied with this course"



CEQ-score mark Number Share

Dissatisfied (<0)	0	0 %
Neutral (0)	0	0 %
Satisfied (>0)	8	89 %
No answer	1	11 %

Mean of CEQ-score	+69
Standard deviation (StdDev)	26



CEQ-score mark Number Share

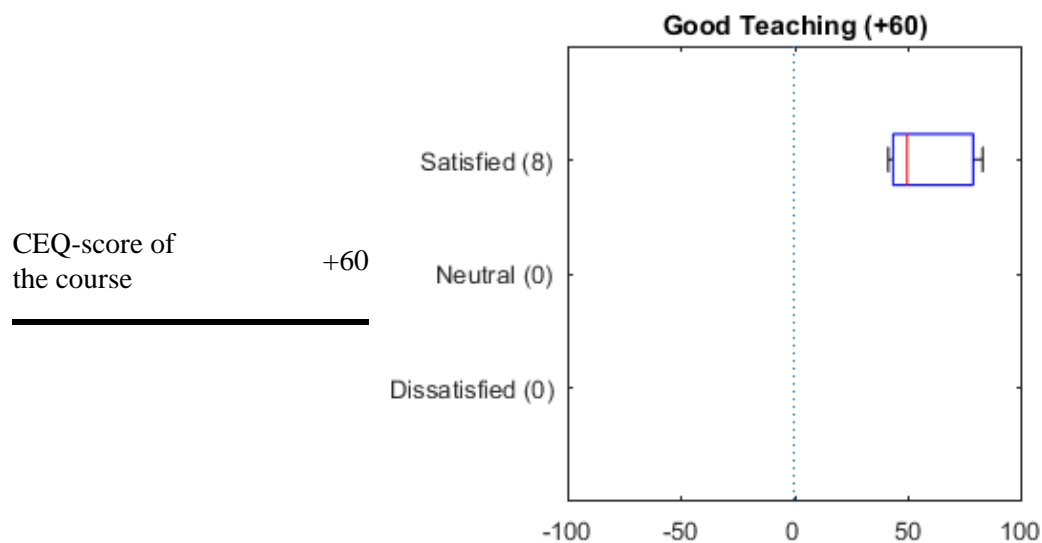
-100	0	0 %
-50	0	0 %
+0	1	11 %
+50	3	33 %
+100	4	44 %

Mean of CEQ-score	+69
Standard deviation (StdDev)	37

Summary scales divided on satisfaction

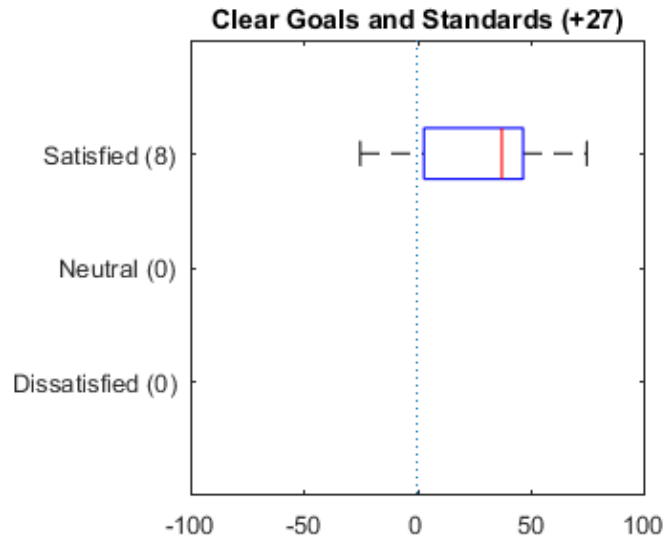
Statistical examination has not been done due to at least two groups consist of less than five students

Good Teaching



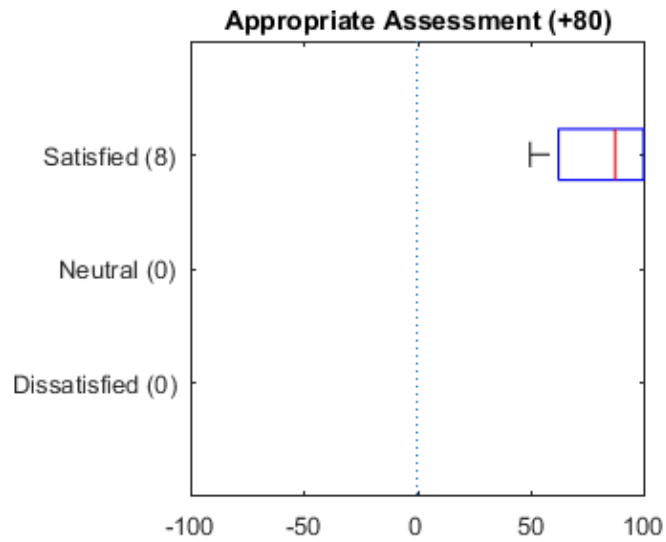
Clear Goals and Standards

CEQ-score of the course +27



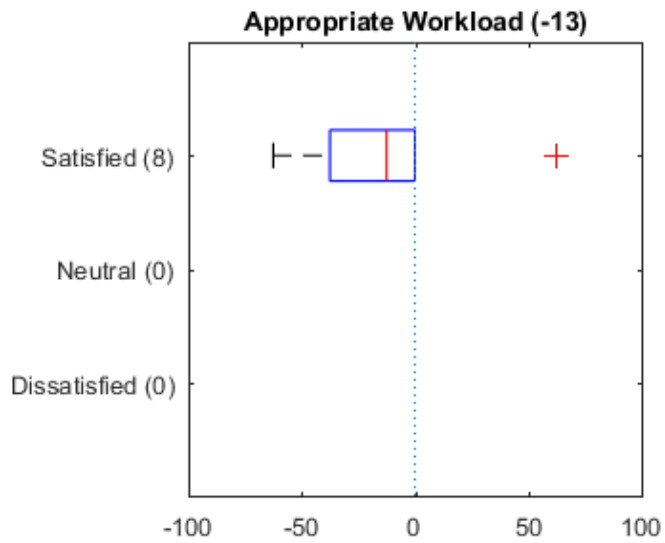
Appropriate Assessment

CEQ-score of the course +80

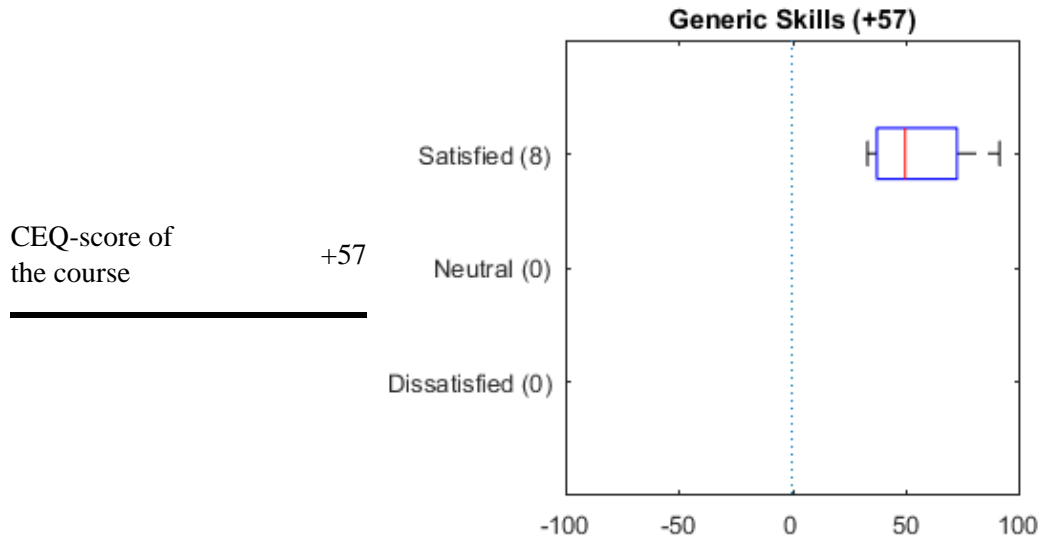


Appropriate Workload

CEQ-score of the course -13



Generic Skills



Answers to each question

The questions in bold are reverse positive.

Statistical examination between dissatisfied and satisfied has not been done due to at least one of the groups consist of less than five students

Good Teaching (+60)

Question	CEQ-score	Histogram												
3. The teaching has motivated me to do my best	+69	<table border="1"> <thead> <tr> <th>Score</th> <th>Count</th> </tr> </thead> <tbody> <tr><td>-100</td><td>0</td></tr> <tr><td>-50</td><td>0</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>+50</td><td>5</td></tr> <tr><td>+100</td><td>4</td></tr> </tbody> </table>	Score	Count	-100	0	-50	0	0	0	+50	5	+100	4
Score	Count													
-100	0													
-50	0													
0	0													
+50	5													
+100	4													
7. During the course I have received many valuable comments on my achievements	+50	<table border="1"> <thead> <tr> <th>Score</th> <th>Count</th> </tr> </thead> <tbody> <tr><td>-100</td><td>0</td></tr> <tr><td>-50</td><td>0</td></tr> <tr><td>0</td><td>3</td></tr> <tr><td>+50</td><td>4</td></tr> <tr><td>+100</td><td>2</td></tr> </tbody> </table>	Score	Count	-100	0	-50	0	0	3	+50	4	+100	2
Score	Count													
-100	0													
-50	0													
0	3													
+50	4													
+100	2													
15. The teachers made a real effort to understand the problems and difficulties one might be having in this course	+69	<table border="1"> <thead> <tr> <th>Score</th> <th>Count</th> </tr> </thead> <tbody> <tr><td>-100</td><td>0</td></tr> <tr><td>-50</td><td>0</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>+50</td><td>5</td></tr> <tr><td>+100</td><td>3</td></tr> </tbody> </table>	Score	Count	-100	0	-50	0	0	0	+50	5	+100	3
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-100	0													
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+50	5													
+100	3													

Question	CEQ-score	Histogram
18. The teaching staff normally gave me helpful feedback on the progress of my work	+57	<p>A histogram for question 18 with a total score of +57. The x-axis represents scores from -100 to +100 in increments of 50. The y-axis represents the number of responses. The bars show 0 responses for scores -100, -50, and 0; 6 responses for a score of +50; and 1 response for a score of +100.</p>
19. My lecturers were extremely good at explaining things	+56	<p>A histogram for question 19 with a total score of +56. The x-axis represents scores from -100 to +100 in increments of 50. The y-axis represents the number of responses. The bars show 0 responses for scores -100 and -50; 1 response for a score of 0; 5 responses for a score of +50; and 2 responses for a score of +100.</p>
21. The teachers on the course worked hard to make the subject interesting	+81	<p>A histogram for question 21 with a total score of +81. The x-axis represents scores from -100 to +100 in increments of 50. The y-axis represents the number of responses. The bars show 0 responses for scores -100, -50, and 0; 3 responses for a score of +50; and 5 responses for a score of +100.</p>

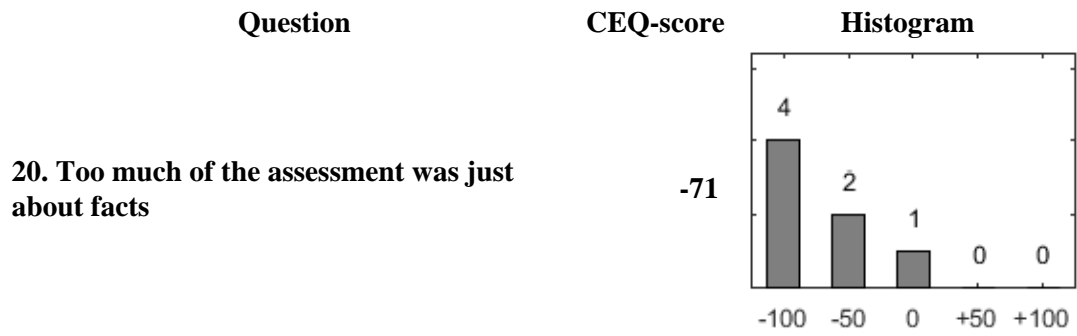
Clear Goals and Standards (+27)

Question	CEQ-score	Histogram
1. It was easy to know the standard of work expected	+38	<p>A histogram for question 1 with a total score of +38. The x-axis represents scores from -100 to +100 in increments of 50. The y-axis represents the number of responses. The bars show 0 responses for scores -100 and -50; 3 responses for a score of 0; 5 responses for a score of +50; and 1 response for a score of +100.</p>
6. I usually had a clear idea of where I was going and what was expected of me in this course	+19	<p>A histogram for question 6 with a total score of +19. The x-axis represents scores from -100 to +100 in increments of 50. The y-axis represents the number of responses. The bars show 0 responses for a score of -100; 2 responses for a score of -50; 1 response for a score of 0; 5 responses for a score of +50; and 1 response for a score of +100.</p>

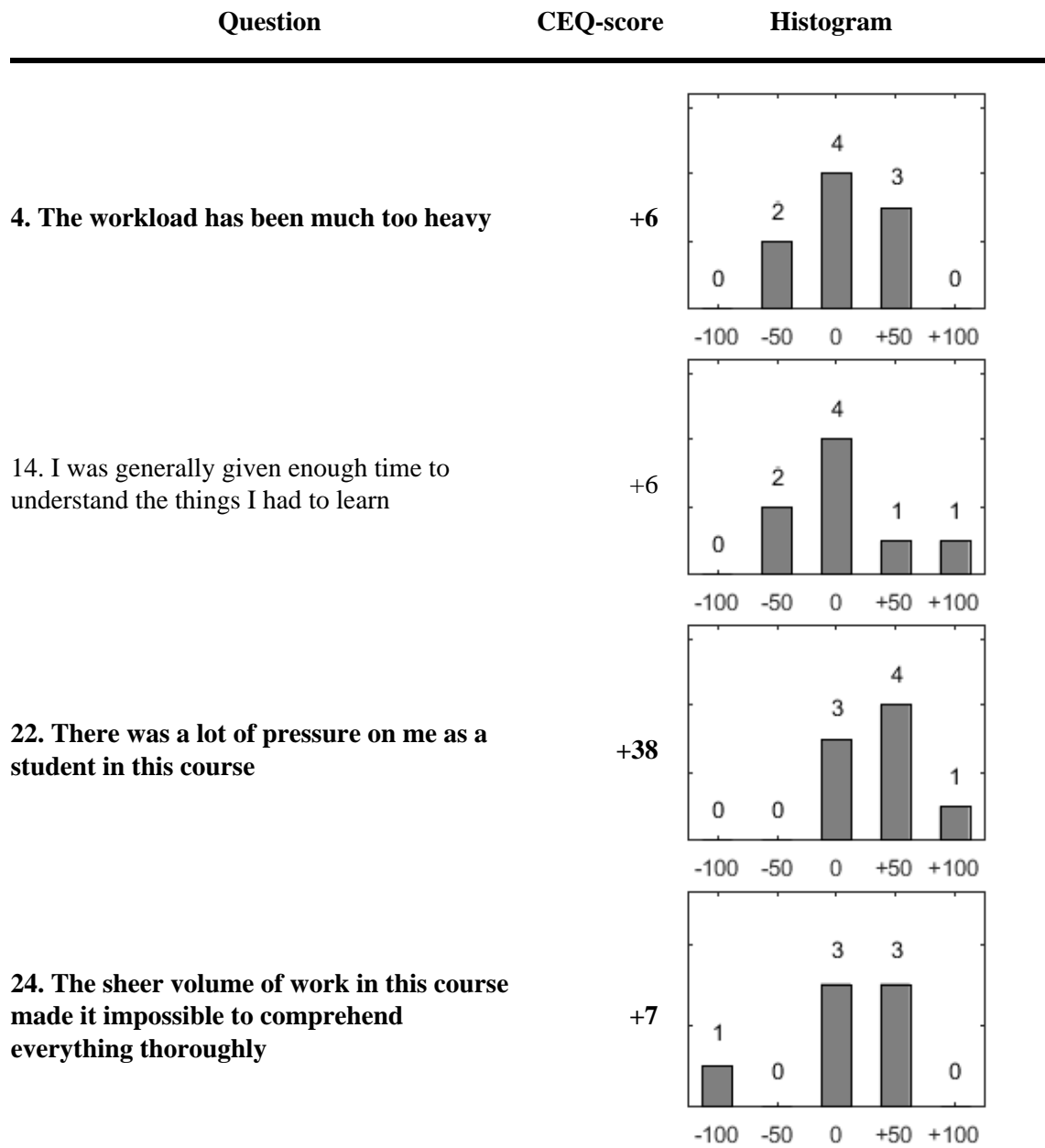
Question	CEQ-score	Histogram												
13. It was often hard to discover what was expected of me in this course	-25	<table border="1"> <tr><th>Score</th><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><th>Count</th><td>2</td><td>1</td><td>4</td><td>1</td><td>0</td></tr> </table>	Score	-100	-50	0	+50	+100	Count	2	1	4	1	0
Score	-100	-50	0	+50	+100									
Count	2	1	4	1	0									
25. The teachers made it clear right from the start what they expected from the students	+29	<table border="1"> <tr><th>Score</th><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><th>Count</th><td>0</td><td>0</td><td>3</td><td>4</td><td>0</td></tr> </table>	Score	-100	-50	0	+50	+100	Count	0	0	3	4	0
Score	-100	-50	0	+50	+100									
Count	0	0	3	4	0									

Appropriate Assessment (+80)

Question	CEQ-score	Histogram												
8. To do well in this course all you really needed was a good memory	-88	<table border="1"> <tr><th>Score</th><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><th>Count</th><td>6</td><td>3</td><td>0</td><td>0</td><td>0</td></tr> </table>	Score	-100	-50	0	+50	+100	Count	6	3	0	0	0
Score	-100	-50	0	+50	+100									
Count	6	3	0	0	0									
12. The teachers seemed more interested in testing what I had memorised than what I had understood	-93	<table border="1"> <tr><th>Score</th><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><th>Count</th><td>6</td><td>1</td><td>0</td><td>0</td><td>0</td></tr> </table>	Score	-100	-50	0	+50	+100	Count	6	1	0	0	0
Score	-100	-50	0	+50	+100									
Count	6	1	0	0	0									
16. The assessment methods employed in this course required an in-depth understanding of the course content	+75	<table border="1"> <tr><th>Score</th><td>-100</td><td>-50</td><td>0</td><td>+50</td><td>+100</td></tr> <tr><th>Count</th><td>0</td><td>0</td><td>0</td><td>4</td><td>4</td></tr> </table>	Score	-100	-50	0	+50	+100	Count	0	0	0	4	4
Score	-100	-50	0	+50	+100									
Count	0	0	0	4	4									



Appropriate Workload (-13)



Generic Skills (+57)

Question	CEQ-score	Histogram												
2. The course has developed my problem-solving skills	+69	<table border="1"> <caption>Histogram Data for Question 2</caption> <thead> <tr> <th>Score</th> <th>Frequency</th> </tr> </thead> <tbody> <tr><td>-100</td><td>0</td></tr> <tr><td>-50</td><td>0</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>+50</td><td>5</td></tr> <tr><td>+100</td><td>4</td></tr> </tbody> </table>	Score	Frequency	-100	0	-50	0	0	0	+50	5	+100	4
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-100	0													
-50	0													
0	0													
+50	5													
+100	4													
5. The course has sharpened my analytic skills	+69	<table border="1"> <caption>Histogram Data for Question 5</caption> <thead> <tr> <th>Score</th> <th>Frequency</th> </tr> </thead> <tbody> <tr><td>-100</td><td>0</td></tr> <tr><td>-50</td><td>0</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>+50</td><td>5</td></tr> <tr><td>+100</td><td>4</td></tr> </tbody> </table>	Score	Frequency	-100	0	-50	0	0	0	+50	5	+100	4
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-100	0													
-50	0													
0	0													
+50	5													
+100	4													
9. The course helped me develop my ability to work in a group	+64	<table border="1"> <caption>Histogram Data for Question 9</caption> <thead> <tr> <th>Score</th> <th>Frequency</th> </tr> </thead> <tbody> <tr><td>-100</td><td>0</td></tr> <tr><td>-50</td><td>0</td></tr> <tr><td>0</td><td>0</td></tr> <tr><td>+50</td><td>6</td></tr> <tr><td>+100</td><td>2</td></tr> </tbody> </table>	Score	Frequency	-100	0	-50	0	0	0	+50	6	+100	2
Score	Frequency													
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-50	0													
0	0													
+50	6													
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10. The course has made me feel more confident about tackling new and unfamiliar problems	+63	<table border="1"> <caption>Histogram Data for Question 10</caption> <thead> <tr> <th>Score</th> <th>Frequency</th> </tr> </thead> <tbody> <tr><td>-100</td><td>0</td></tr> <tr><td>-50</td><td>0</td></tr> <tr><td>0</td><td>2</td></tr> <tr><td>+50</td><td>3</td></tr> <tr><td>+100</td><td>4</td></tr> </tbody> </table>	Score	Frequency	-100	0	-50	0	0	2	+50	3	+100	4
Score	Frequency													
-100	0													
-50	0													
0	2													
+50	3													
+100	4													
11. The course has improved my skills in written communication	+57	<table border="1"> <caption>Histogram Data for Question 11</caption> <thead> <tr> <th>Score</th> <th>Frequency</th> </tr> </thead> <tbody> <tr><td>-100</td><td>0</td></tr> <tr><td>-50</td><td>0</td></tr> <tr><td>0</td><td>1</td></tr> <tr><td>+50</td><td>4</td></tr> <tr><td>+100</td><td>2</td></tr> </tbody> </table>	Score	Frequency	-100	0	-50	0	0	1	+50	4	+100	2
Score	Frequency													
-100	0													
-50	0													
0	1													
+50	4													
+100	2													
23. The course has helped me to develop the ability to plan my work	+36	<table border="1"> <caption>Histogram Data for Question 23</caption> <thead> <tr> <th>Score</th> <th>Frequency</th> </tr> </thead> <tbody> <tr><td>-100</td><td>0</td></tr> <tr><td>-50</td><td>0</td></tr> <tr><td>0</td><td>2</td></tr> <tr><td>+50</td><td>5</td></tr> <tr><td>+100</td><td>0</td></tr> </tbody> </table>	Score	Frequency	-100	0	-50	0	0	2	+50	5	+100	0
Score	Frequency													
-100	0													
-50	0													
0	2													
+50	5													
+100	0													

Free text answers

The free text answers are pre-reviewed by the students' representatives.

What were the best aspects of the course

Satisfied students

Tillämpningen av teorin, konkreta och verkliga exempel har varit till stor hjälp och mycket pedagogiska.

The material is interesting and well presented

I liked the lectures and I thought the teacher was really trying to make students understand the content.

Bra föreläsare!

Labbarna och projektet har varit väldigt roliga!

Väldigt intressant ämne och kul med projekt där man får själv göra saker. Väldigt bra föreläsare som förklarade när man inte förstod vid en labb eller projektet.

I think it was good to have four slightly smaller labs instead of two large ones. It felt like the work was evenly distributed across the course. I also appreciate the opportunity to complete the project before Christmas. Also, I was new to R, so it was great to get some code examples that were easy to follow.

Neutral students

Dissatisfied students

What aspects of the course are most in need of improvement?

Satisfied students

Det behövs fler handledningstillfällen till det slutgiltiga projektet.

I liked the structure with the four projects, I just felt like in the middle/towards the end the lectures really sped up and a lot of content was covered in one lecture. Sometimes that made it hard to follow, and hard to remember all the concepts needed to understand the new concepts.

I had appreciated clearer guidelines for the project regarding what is required for each grade!

Jag kunde känna att det fanns mycket teori som var svår att greppa framförallt i början vilket gjorde att de första två labbarna tog mycket tid. Jag hade uppskattat om instruktionerna till labbarna var lite mer utförliga så att det fanns mer tid att grubbla över teorin än att leta och tolka vad man skulle göra. Hade även uppskattat mer instruktioner kring vad som förväntades av projektet.

Väldigt bra koncept med labbar, men det märktes att de var nya för i år

It was a bit difficult to know what was 'enough' for the project. It was easy to come up with a lot of things to

try, but it wouldn't have been reasonable within the time frame.

Neutral students

Dissatisfied students