Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

1 - Percentage of classes you did NOT attend (whether on-campus or synchronous/online).

Response Option	Weight	Frequency	Percent	Percent Responses	Means
0%	(1)	17	62.96%		
1-5%	(2)	7	25.93%		
6-10%	(3)	1	3.70%		
11-15%	(4)	0	0.00%		
16-20%	(5)	0	0.00%		
21-25%	(6)	0	0.00%		
26-30%	(7)	0	0.00%		
31-40%	(8)	0	0.00%		
41-50%	(9)	1	3.70%		
51-60%	(10)	0	0.00%		
61-80%	(11)	0	0.00%		
81-99%	(12)	1	3.70%		

Response Rate
27/38 (71.05%)

2 - You are taking this course (select all that apply):

Response Option	Weight	Frequency	Percent	Percent Responses
To complete a General Education Requirement	(1)	10	37.04%	
For your major/minor	(2)	17	62.96%	
As a prerequisite for another course	(3)	9	33.33%	
As a pre-professional requirement	(4)	16	59.26%	
Because you are interested in the subject	(5)	3	11.11%	

Response Rate	27/38 (71.05%)

3 - Your expected grade:

Response Option	Weight	Frequency	Percent	Percent Responses	Means
A	(1)	21	77.78%		
A-	(2)	3	11.11%		
B+	(3)	1	3.70%		
B	(4)	1	3.70%		
B-	(5)	1	3.70%		
C+	(6)	0	0.00%		
C	(7)	0	0.00%		
C-	(8)	0	0.00%		
D+	(9)	0	0.00%		
D	(10)	0	0.00%		
S	(11)	0	0.00%		
U	(12)	0	0.00%		

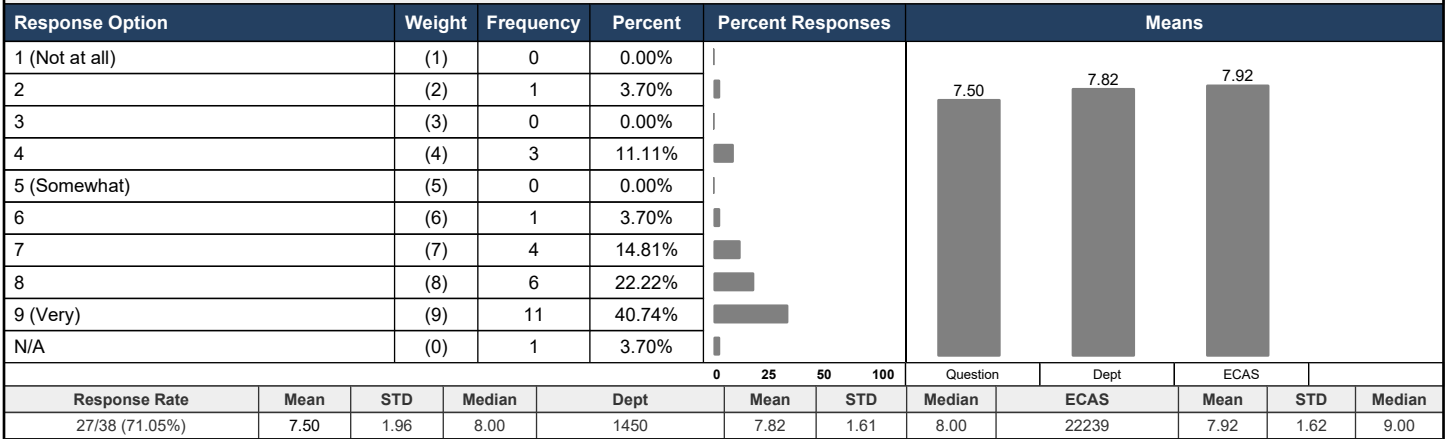| Response Rate |
|---|
| 27/38 (71.05%) |

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

Course: QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor: Juan Estrada Sosa *
Response Rate: 27/38 (71.05 %)

4 - Please respond to the following questions focused on the instructor, Juan Estrada Sosa. -
How well organized was the class?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	1	3.70%
5 (Somewhat)	(5)	3	11.11%
6	(6)	3	11.11%
7	(7)	0	0.00%
8	(8)	10	37.04%
9 (Very)	(9)	9	33.33%
N/A	(0)	1	3.70%

Means: Question 7.62, Dept 7.91, ECAS 7.90

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.62	1.55	8.00	1450	7.91	1.55	9.00	22239	7.90	1.62	9.00

4 - Please respond to the following questions focused on the instructor, Juan Estrada Sosa. -
Was the instructor enthusiastic about the material?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	2	7.41%
5 (Somewhat)	(5)	1	3.70%
6	(6)	4	14.81%
7	(7)	5	18.52%
8	(8)	4	14.81%
9 (Very)	(9)	9	33.33%
N/A	(0)	2	7.41%

Means: Question 7.40, Dept 8.05, ECAS 8.31

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.40	1.61	8.00	1450	8.05	1.42	9.00	22239	8.31	1.32	9.00

4 - Please respond to the following questions focused on the instructor, Juan Estrada Sosa. -
How concerned was the instructor with what students learned from the course?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	1	3.70%
4	(4)	2	7.41%
5 (Somewhat)	(5)	2	7.41%
6	(6)	3	11.11%
7	(7)	4	14.81%
8	(8)	6	22.22%
9 (Very)	(9)	8	29.63%
N/A	(0)	1	3.70%

Means: Question 7.19, Dept 7.99, ECAS 8.11

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.19	1.81	8.00	1450	7.99	1.46	9.00	22239	8.11	1.51	9.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

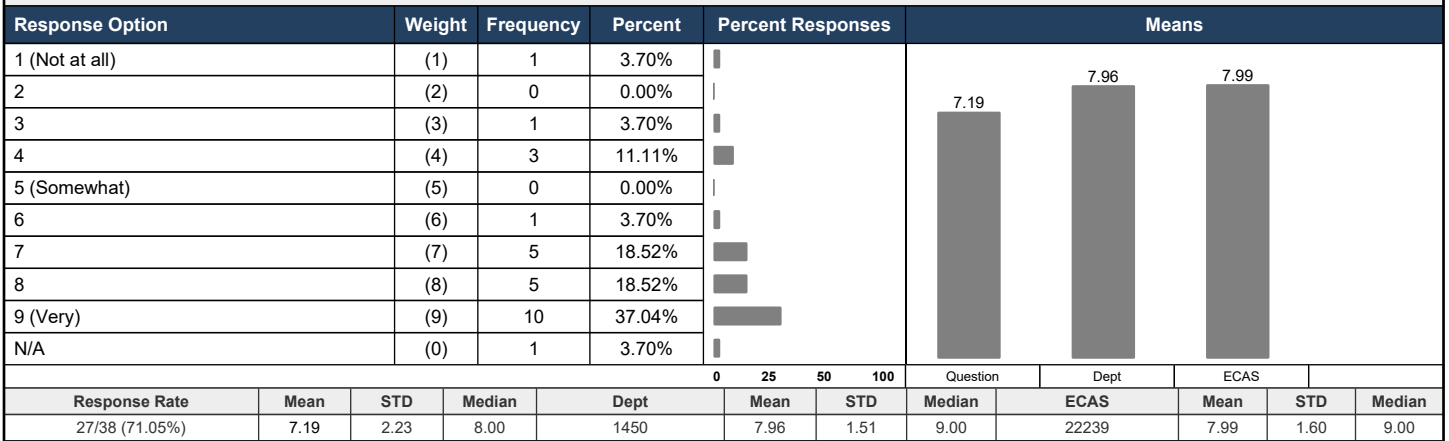|	
Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

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4 - Please respond to the following questions focused on the instructor, Juan Estrada Sosa. -

How clearly did the instructor explain specific concepts relevant to the course?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	1	3.70%
3	(3)	0	0.00%
4	(4)	3	11.11%
5 (Somewhat)	(5)	0	0.00%
6	(6)	1	3.70%
7	(7)	4	14.81%
8	(8)	6	22.22%
9 (Very)	(9)	11	40.74%
N/A	(0)	1	3.70%

Means: Question 7.50, Dept 7.82, ECAS 7.92

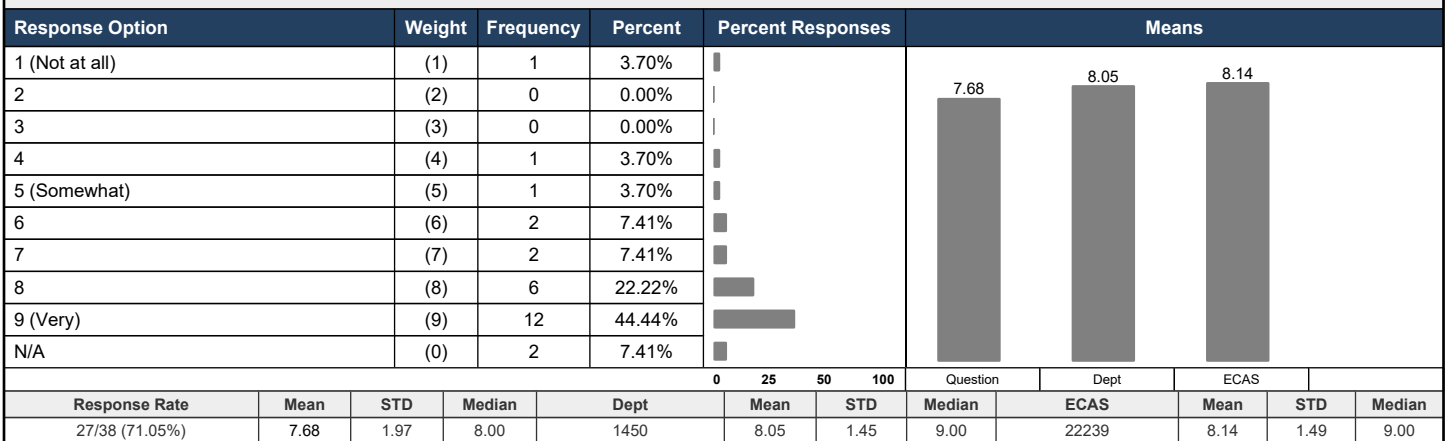| Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.50	1.96	8.00	1450	7.82	1.61	8.00	22239	7.92	1.62	9.00

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4 - Please respond to the following questions focused on the instructor, Juan Estrada Sosa. -

How clearly did the instructor communicate the objectives and requirements for the course?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	1	3.70%
2	(2)	0	0.00%
3	(3)	1	3.70%
4	(4)	3	11.11%
5 (Somewhat)	(5)	0	0.00%
6	(6)	1	3.70%
7	(7)	5	18.52%
8	(8)	5	18.52%
9 (Very)	(9)	10	37.04%
N/A	(0)	1	3.70%

Means: Question 7.19, Dept 7.96, ECAS 7.99

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.19	2.23	8.00	1450	7.96	1.51	9.00	22239	7.99	1.60	9.00

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4 - Please respond to the following questions focused on the instructor, Juan Estrada Sosa. -

How well did the instructor respond to students' questions?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	1	3.70%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	1	3.70%
5 (Somewhat)	(5)	1	3.70%
6	(6)	2	7.41%
7	(7)	2	7.41%
8	(8)	6	22.22%
9 (Very)	(9)	12	44.44%
N/A	(0)	2	7.41%

Means: Question 7.68, Dept 8.05, ECAS 8.14

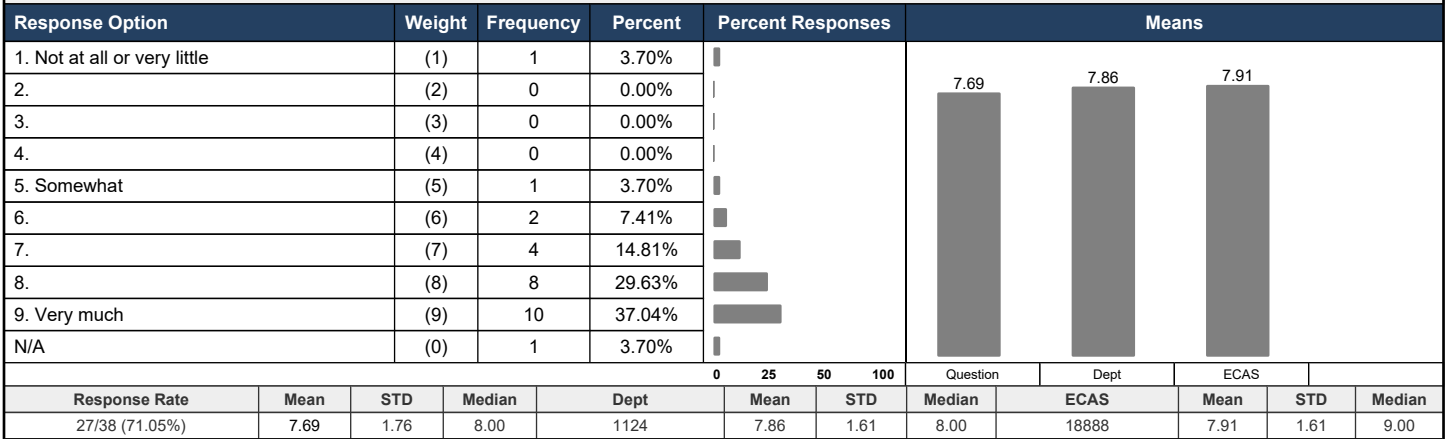| Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.68	1.97	8.00	1450	8.05	1.45	9.00	22239	8.14	1.49	9.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

4 - Please respond to the following questions focused on the instructor, Juan Estrada Sosa. -

How accessible was the instructor for individual discussion about the course?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	1	3.70%
2	(2)	0	0.00%
3	(3)	1	3.70%
4	(4)	1	3.70%
5 (Somewhat)	(5)	1	3.70%
6	(6)	2	7.41%
7	(7)	3	11.11%
8	(8)	6	22.22%
9 (Very)	(9)	10	37.04%
N/A	(0)	2	7.41%

Means — Question: 7.36, Dept: 8.07, ECAS: 8.16

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.36	2.14	8.00	1450	8.07	1.46	9.00	22239	8.16	1.50	9.00

5 - How much did this course promote your progress on the following learning objectives?

Acquiring factual knowledge.

Response Option	Weight	Frequency	Percent
1. Not at all or very little	(1)	1	3.70%
2.	(2)	0	0.00%
3.	(3)	0	0.00%
4.	(4)	0	0.00%
5. Somewhat	(5)	1	3.70%
6.	(6)	2	7.41%
7.	(7)	5	18.52%
8.	(8)	9	33.33%
9. Very much	(9)	8	29.63%
N/A	(0)	1	3.70%

Means — Question: 7.58, Dept: 7.73, ECAS: 7.86

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.58	1.72	8.00	1124	7.73	1.72	8.00	18888	7.86	1.66	9.00

5 - How much did this course promote your progress on the following learning objectives?

Understanding basic principles and concepts.

Response Option	Weight	Frequency	Percent
1. Not at all or very little	(1)	1	3.70%
2.	(2)	0	0.00%
3.	(3)	0	0.00%
4.	(4)	0	0.00%
5. Somewhat	(5)	1	3.70%
6.	(6)	1	3.70%
7.	(7)	5	18.52%
8.	(8)	10	37.04%
9. Very much	(9)	8	29.63%
N/A	(0)	1	3.70%

Means — Question: 7.65, Dept: 7.84, ECAS: 7.98

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.65	1.70	8.00	1124	7.84	1.64	8.00	18888	7.98	1.56	9.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

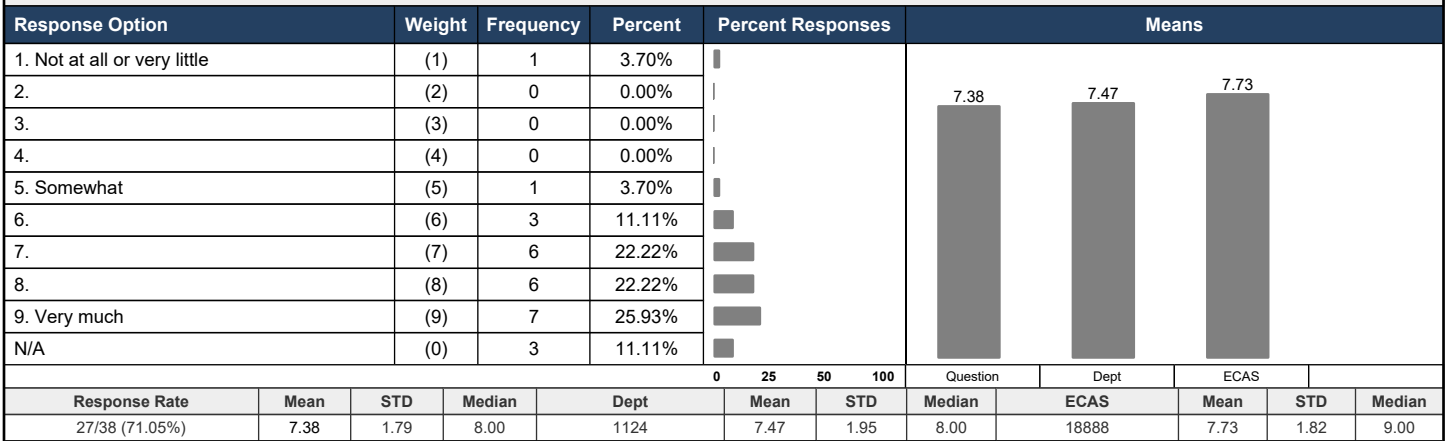|	
Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

5 - How much did this course promote your progress on the following learning objectives?
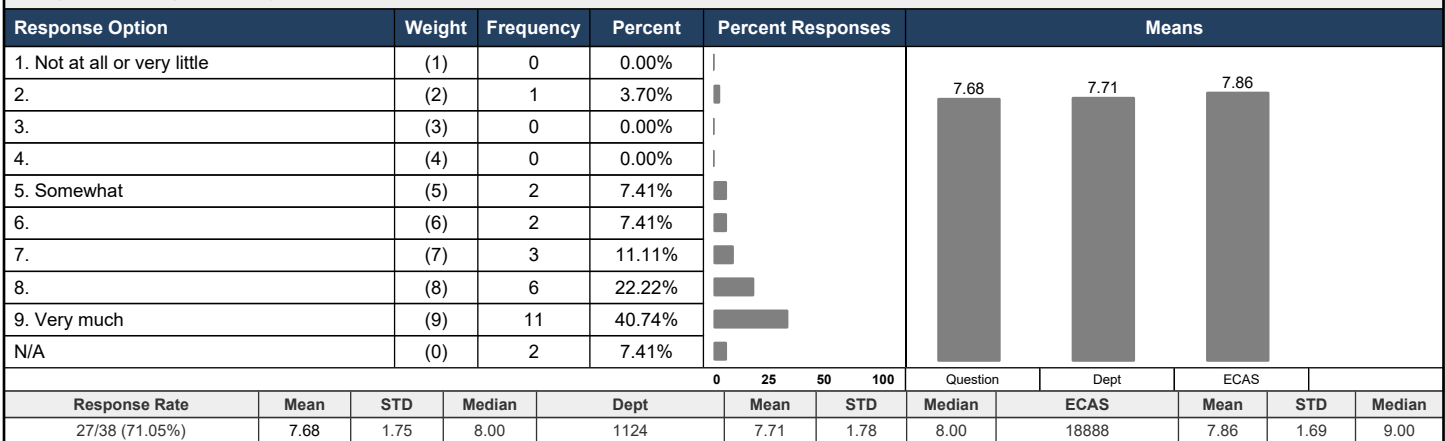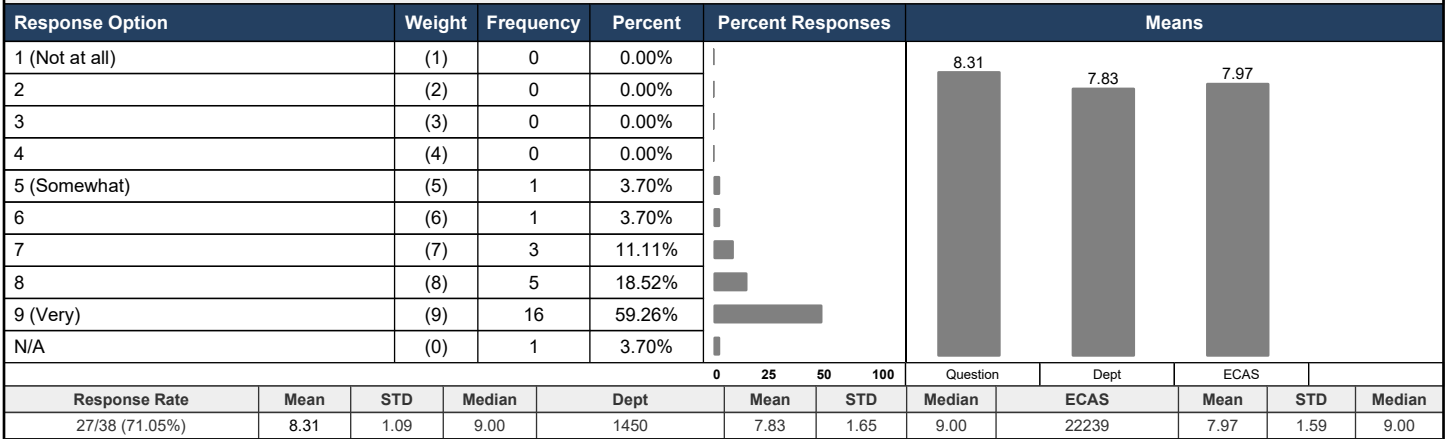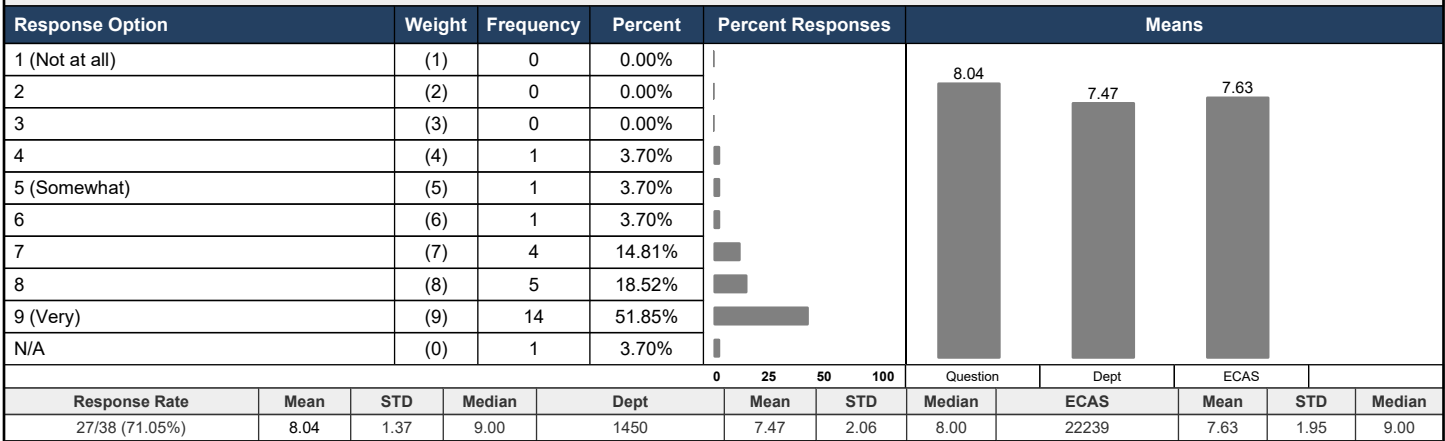### Being able to apply facts, concepts and principles to specific questions.

Response Option	Weight	Frequency	Percent
1. Not at all or very little	(1)	1	3.70%
2.	(2)	0	0.00%
3.	(3)	0	0.00%
4.	(4)	0	0.00%
5. Somewhat	(5)	1	3.70%
6.	(6)	2	7.41%
7.	(7)	4	14.81%
8.	(8)	8	29.63%
9. Very much	(9)	10	37.04%
N/A	(0)	1	3.70%

Means: Question 7.69, Dept 7.86, ECAS 7.91

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.69	1.76	8.00	1124	7.86	1.61	8.00	18888	7.91	1.61	9.00

5 - How much did this course promote your progress on the following learning objectives?
Being able to assess or critique ideas and arguments.

Response Option	Weight	Frequency	Percent
1. Not at all or very little	(1)	1	3.70%
2.	(2)	0	0.00%
3.	(3)	0	0.00%
4.	(4)	0	0.00%
5. Somewhat	(5)	1	3.70%
6.	(6)	3	11.11%
7.	(7)	6	22.22%
8.	(8)	6	22.22%
9. Very much	(9)	7	25.93%
N/A	(0)	3	11.11%

Means: Question 7.38, Dept 7.47, ECAS 7.73

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.38	1.79	8.00	1124	7.47	1.95	8.00	18888	7.73	1.82	9.00

5 - How much did this course promote your progress on the following learning objectives?
Being able to integrate and synthesize information.

Response Option	Weight	Frequency	Percent
1. Not at all or very little	(1)	0	0.00%
2.	(2)	1	3.70%
3.	(3)	0	0.00%
4.	(4)	0	0.00%
5. Somewhat	(5)	2	7.41%
6.	(6)	2	7.41%
7.	(7)	3	11.11%
8.	(8)	6	22.22%
9. Very much	(9)	11	40.74%
N/A	(0)	2	7.41%

Means: Question 7.68, Dept 7.71, ECAS 7.86

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.68	1.75	8.00	1124	7.71	1.78	8.00	18888	7.86	1.69	9.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

6 - Please answer the following questions, again focusing on the instructor (Juan Estrada Sosa). -

How well did the exams and/or assignments reflect the course material?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	0	0.00%
5 (Somewhat)	(5)	1	3.70%
6	(6)	1	3.70%
7	(7)	3	11.11%
8	(8)	5	18.52%
9 (Very)	(9)	16	59.26%
N/A	(0)	1	3.70%

Means: Question 8.31, Dept 7.83, ECAS 7.97

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	8.31	1.09	9.00	1450	7.83	1.65	9.00	22239	7.97	1.59	9.00

6 - Please answer the following questions, again focusing on the instructor (Juan Estrada Sosa). -

Was the instructor's feedback on exams, papers, performance useful?

Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	0	0.00%
2	(2)	0	0.00%
3	(3)	0	0.00%
4	(4)	1	3.70%
5 (Somewhat)	(5)	1	3.70%
6	(6)	1	3.70%
7	(7)	4	14.81%
8	(8)	5	18.52%
9 (Very)	(9)	14	51.85%
N/A	(0)	1	3.70%

Means: Question 8.04, Dept 7.47, ECAS 7.63

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	8.04	1.37	9.00	1450	7.47	2.06	8.00	22239	7.63	1.95	9.00

6 - Please answer the following questions, again focusing on the instructor (Juan Estrada Sosa). -

Were the instructor's grading criteria for the course clear?
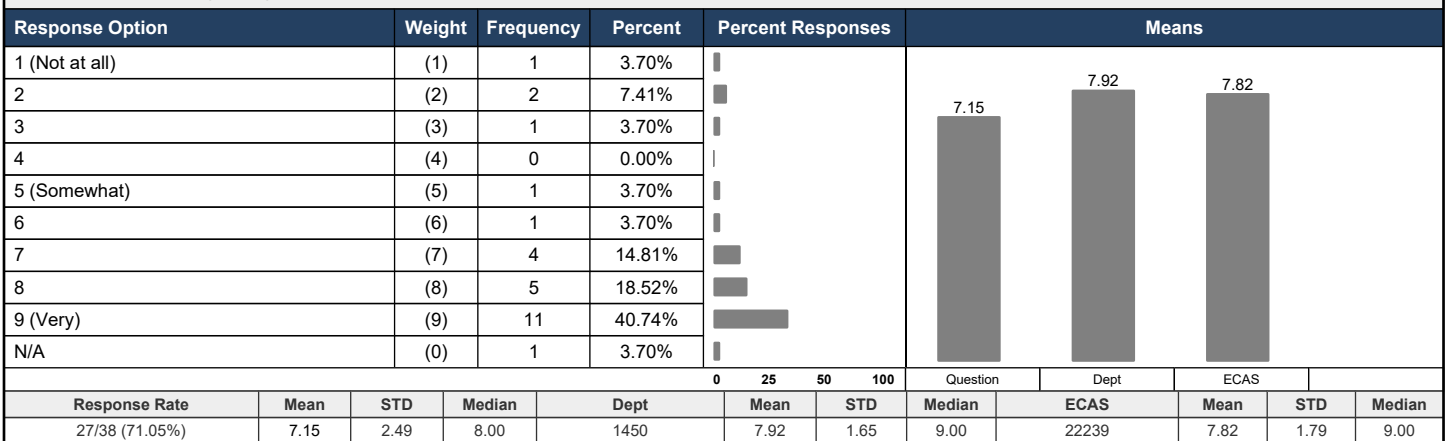
Response Option	Weight	Frequency	Percent
1 (Not at all)	(1)	1	3.70%
2	(2)	2	7.41%
3	(3)	1	3.70%
4	(4)	0	0.00%
5 (Somewhat)	(5)	1	3.70%
6	(6)	1	3.70%
7	(7)	4	14.81%
8	(8)	5	18.52%
9 (Very)	(9)	11	40.74%
N/A	(0)	1	3.70%

Means: Question 7.15, Dept 7.92, ECAS 7.82

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.15	2.49	8.00	1450	7.92	1.65	9.00	22239	7.82	1.79	9.00

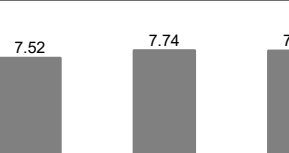|	
Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

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7 - Optional comments on the course:

Response Rate	3/38 (7.89%)

• This course was very useful in teaching the basics of R. I am very glas that QTM100 was supplemented with this lab portion, and I have applied some of these concepts to other courses already, such as BIOL141L.

• The coding was not as bad as I expected and was at times interesting. I do not think any classes needed to be synchronous (except maybe the first to tell us the rest would be asynchronous), so I was glad most of them were asynchronous. I liked working in groups for the lab practices & project. I forgot to put this in my course evaluation for the lecture class but there was not enough time between when class lecture materials were posted on Tuesday and class/when they were due on Thursday. Materials should have been posted Friday/over the weekend/by Monday at the latest to allow us time to complete them.

• I really enjoyed learning how to code on R, it is the first time I have done anything like this or worked with programing and definitely enjoyed learning new skills.

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8 - Optional comments on the instructor (Juan Estrada Sosa): -

Response Rate	3/38 (7.89%)

• Doesn't reply to emails or replies very late, not clear about grading critera or expectations

• Juan did a good job of explaining things and seemed like a nice person. I just think having synchronous classes was a waste of everyone's time and I almost felt bad for him that no one was paying attention.

• He answered all are questions rapidly and was always readily accessible through email and zoom to meet with our group. Also the videos were helpful!

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9 - Was a majority of your work for this course and interaction with classmates/the instructor carried out online?

Response Option	Weight	Frequency	Percent	Percent Responses	Means
YES	(1)	27	100.00%		
NO	(2)	0	0.00%		
				0 25 50 100	
Response Rate					
27/38 (71.05%)					

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10 - Which of these best describes your primary physical location while enrolled in this course?

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Atlanta metro area	(1)	18	66.67%		
Other U.S. location	(2)	7	25.93%		
International location	(3)	2	7.41%		
				0 25 50 100	
Response Rate					
27/38 (71.05%)					

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11 - How effective were each of the following components in helping you achieve the stated learning outcomes? Mark "N/A" for those components not used in this course.

live Zoom sessions

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Not effective at all)	(1)	1	3.70%		
2	(2)	1	3.70%		
3	(3)	3	11.11%		
4	(4)	2	7.41%		
5 (About average)	(5)	3	11.11%		
6	(6)	2	7.41%		
7	(7)	4	14.81%		
8	(8)	3	11.11%		
9 (Very effective)	(9)	4	14.81%		
N/A	(0)	4	14.81%		
				0 25 50 100	Question: 5.87 Dept: 6.77 ECAS: 7.31

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	5.87	2.44	6.00	1107	6.77	2.27	7.00	17941	7.31	2.05	8.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

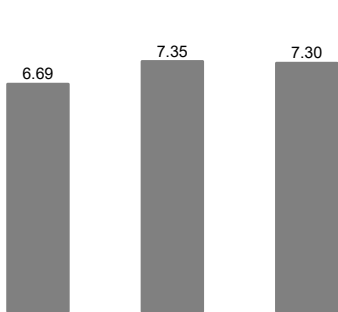|	
Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

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11 - How effective were each of the following components in helping you achieve the stated learning outcomes? Mark "N/A" for those components not used in this course.

recorded lectures

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Not effective at all)	(1)	0	0.00%		
2	(2)	1	3.70%		
3	(3)	0	0.00%		
4	(4)	1	3.70%		
5 (About average)	(5)	5	18.52%		Question 6.85
6	(6)	2	7.41%		Dept 7.05
7	(7)	6	22.22%		ECAS 7.23
8	(8)	6	22.22%		
9 (Very effective)	(9)	5	18.52%		
N/A	(0)	1	3.70%		

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	6.85	1.80	7.00	1107	7.05	2.17	8.00	17941	7.23	2.13	8.00

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12 - How effective overall was the instructor's use of technology in helping you achieve the stated learning outcomes?

Juan Estrada Sosa

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1 (Not effective at all)	(1)	0	0.00%		
2	(2)	0	0.00%		
3	(3)	0	0.00%		
4	(4)	1	3.70%		
5 (Average or mixed)	(5)	3	11.11%		Question 7.52
6	(6)	0	0.00%		Dept 7.74
7	(7)	7	25.93%		ECAS 7.73
8	(8)	6	22.22%		
9 (Very effective)	(9)	8	29.63%		
N/A	(0)	2	7.41%		

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.52	1.48	8.00	1429	7.74	1.59	8.00	21262	7.73	1.66	8.00

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13 - Please estimate the following in terms of intellectual engagement.

Percent of live online class sessions that I felt intellectually engaged with the materials or activities

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Less than 10%	(1)	0	0.00%		
10-30%	(2)	4	14.81%		Question 3.77
31-50%	(3)	4	14.81%		Dept 3.89
51-70%	(4)	7	25.93%		ECAS 4.20
More than 70%	(5)	7	25.93%		
N/A	(0)	5	18.52%		

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	3.77	1.11	4.00	1107	3.89	1.24	4.00	17941	4.20	1.13	5.00
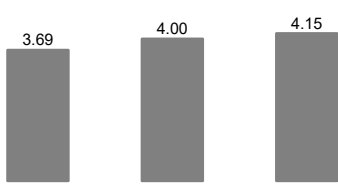
Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

Course: QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor: Juan Estrada Sosa *
Response Rate: 27/38 (71.05 %)

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13 - Please estimate the following in terms of intellectual engagement.

Percent of the time I felt intellectually engaged with the asynchronous videos and other content, if applicable

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Less than 10%	(1)	2	7.41%		
10-30%	(2)	3	11.11%		
31-50%	(3)	4	14.81%		Question 3.69
51-70%	(4)	9	33.33%		Dept 4.00
More than 70%	(5)	8	29.63%		ECAS 4.15
N/A	(0)	1	3.70%		

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	3.69	1.26	4.00	1107	4.00	1.20	4.00	17941	4.15	1.15	5.00
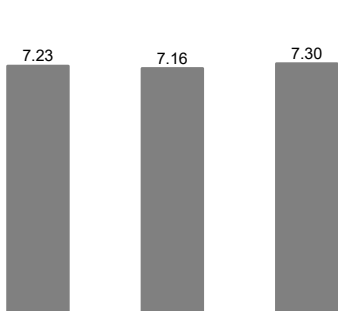
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14 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

effectiveness of the course in challenging you intellectually

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1	(1)	1	3.70%		
2	(2)	1	3.70%		
3	(3)	1	3.70%		
4	(4)	1	3.70%		
5	(5)	2	7.41%		Question 6.69
6	(6)	4	14.81%		Dept 7.35
7	(7)	3	11.11%		ECAS 7.30
8	(8)	8	29.63%		
9	(9)	5	18.52%		
N/A	(0)	1	3.70%		

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	6.69	2.22	7.50	1107	7.35	1.84	8.00	17941	7.30	1.97	8.00

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14 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

usefulness of the instructors' feedback

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1	(1)	0	0.00%		
2	(2)	1	3.70%		
3	(3)	0	0.00%		
4	(4)	2	7.41%		
5	(5)	2	7.41%		Question 7.23
6	(6)	3	11.11%		Dept 7.16
7	(7)	2	7.41%		ECAS 7.30
8	(8)	8	29.63%		
9	(9)	8	29.63%		
N/A	(0)	1	3.70%		

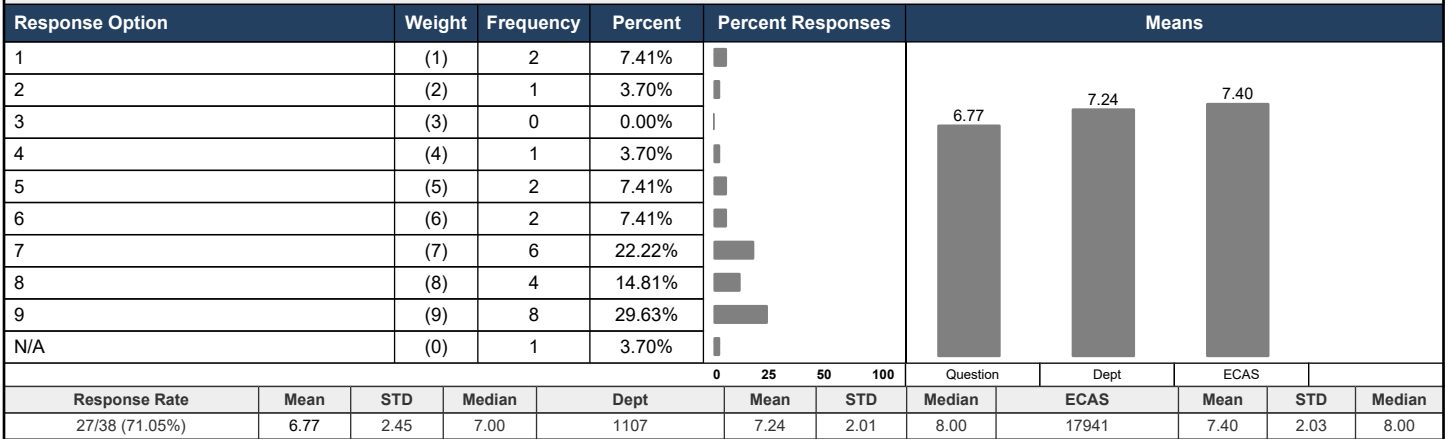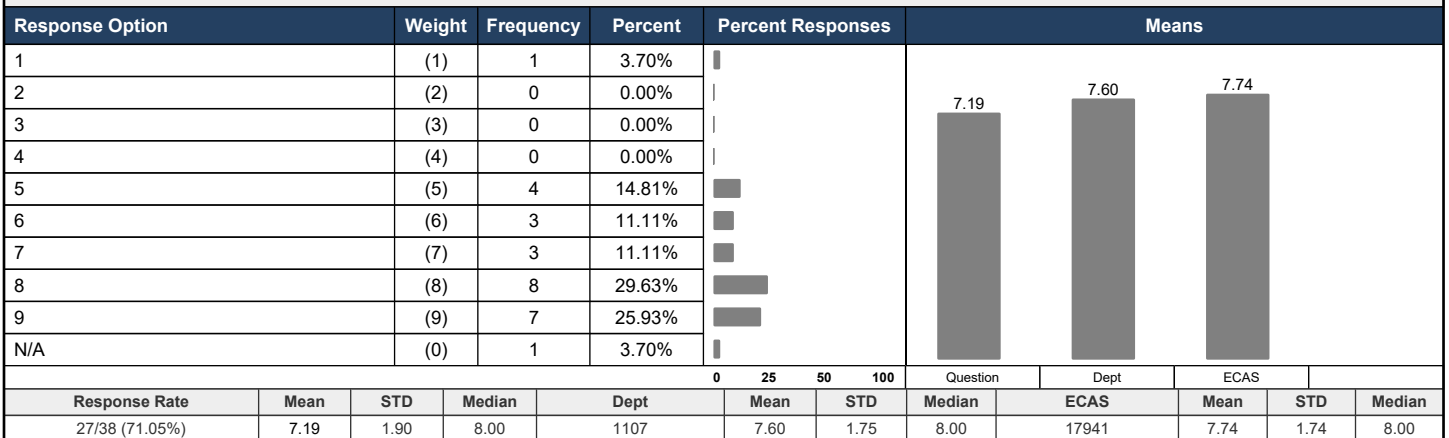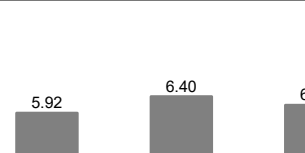| Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.23	1.92	8.00	1107	7.16	2.05	8.00	17941	7.30	2.03	8.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

Course: QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor: Juan Estrada Sosa *
Response Rate: 27/38 (71.05 %)

14 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

instructors' ability to engage with the students in the remote environment

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1	(1)	2	7.41%		
2	(2)	1	3.70%		
3	(3)	0	0.00%		
4	(4)	1	3.70%		
5	(5)	2	7.41%		
6	(6)	2	7.41%		
7	(7)	6	22.22%		
8	(8)	4	14.81%		
9	(9)	8	29.63%		
N/A	(0)	1	3.70%		

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	6.77	2.45	7.00	1107	7.24	2.01	8.00	17941	7.40	2.03	8.00

14 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

course's success in accomplishing the objectives stated in the course syllabus

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1	(1)	1	3.70%		
2	(2)	0	0.00%		
3	(3)	0	0.00%		
4	(4)	0	0.00%		
5	(5)	4	14.81%		
6	(6)	3	11.11%		
7	(7)	3	11.11%		
8	(8)	8	29.63%		
9	(9)	7	25.93%		
N/A	(0)	1	3.70%		

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	7.19	1.90	8.00	1107	7.60	1.75	8.00	17941	7.74	1.74	8.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

Course: QTM-100-6: Intro to Stat Inference - Fall 2020

Instructor: Juan Estrada Sosa *

Response Rate: 27/38 (71.05 %)

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14 - Answer each of the following questions about your online course, in comparison with in-person courses in similar disciplines, with '1' representing "Much less effective," "Useless," or "Light workload," while '9' represents "Very effective," "Very Useful," or "Heavy workload."

course workload (1=light, 9=heavy)

Response Option	Weight	Frequency	Percent	Percent Responses	Means
1	(1)	0	0.00%		
2	(2)	1	3.70%		
3	(3)	3	11.11%		
4	(4)	1	3.70%		5.92 / 6.40 / 6.15
5	(5)	5	18.52%		
6	(6)	3	11.11%		
7	(7)	9	33.33%		
8	(8)	3	11.11%		
9	(9)	1	3.70%		
N/A	(0)	1	3.70%		Question / Dept / ECAS

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	5.92	1.81	6.50	1107	6.40	1.88	7.00	17941	6.15	2.02	6.00

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15 - What approach used in this course was most effective in helping you achieve the stated learning objectives of the course?

Response Rate	5/38 (13.16%)

• The lab practices were very helpful in understanding the concepts taught in this course.

• Lab Manuals

• Reading the lab manuals was very helpful

• Having asynchronous classes was definitely the best thing to do for this class as there is no point in requiring people to come to this class.

• I believe having the practices and lab manual accessible to practice and take your time with was really helpful.

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16 - Did any of the following reduce your ability to participate/engage fully in the course? Select all that apply.

Response Option	Weight	Frequency	Percent	Percent Responses
Limited internet access	(1)	2	15.38%	
Distractions from the physical environment in which I was accessing the internet	(2)	6	46.15%	
Distractions from my personal technology (phone, computer, etc)	(3)	10	76.92%	
Time zone differences	(4)	1	7.69%	
Health or work-related stress (yours or family/roommate)	(5)	6	46.15%	
Other	(6)	1	7.69%	
Response Rate	13/38 (34.21%)			

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17 - Indicate the level of difficulty you experienced in each of the following domains.

Internet connectivity issues

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	20	74.07%		
Some issues, easily resolved	(2)	3	11.11%		1.21 / 1.53 / 1.59
Some issues, never fully resolved	(3)	1	3.70%		
N/A	(0)	3	11.11%		Question / Dept / ECAS

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	1.21	0.51	1.00	1107	1.53	0.66	1.00	17941	1.59	0.65	1.00

Course: QTM-100-6: Intro to Stat Inference - Fall 2020

Instructor: Juan Estrada Sosa *

Response Rate: 27/38 (71.05 %)

17 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with my computer or other device

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	20	74.07%		
Some issues, easily resolved	(2)	4	14.81%		Question 1.17
Some issues, never fully resolved	(3)	0	0.00%		Dept 1.40
N/A	(0)	3	11.11%		ECAS 1.42

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	1.17	0.38	1.00	1107	1.40	0.62	1.00	17941	1.42	0.60	1.00

17 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with Canvas

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	21	77.78%		
Some issues, easily resolved	(2)	3	11.11%		Question 1.13
Some issues, never fully resolved	(3)	0	0.00%		Dept 1.18
N/A	(0)	3	11.11%		ECAS 1.20

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	1.13	0.34	1.00	1107	1.18	0.44	1.00	17941	1.20	0.45	1.00

17 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with Zoom

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	21	77.78%		
Some issues, easily resolved	(2)	3	11.11%		Question 1.13
Some issues, never fully resolved	(3)	0	0.00%		Dept 1.33
N/A	(0)	3	11.11%		ECAS 1.39

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	1.13	0.34	1.00	1107	1.33	0.55	1.00	17941	1.39	0.57	1.00

17 - Indicate the level of difficulty you experienced in each of the following domains.

Difficulties with Examity

Response Option	Weight	Frequency	Percent	Percent Responses	Means
No (or few) issues	(1)	16	59.26%		
Some issues, easily resolved	(2)	1	3.70%		Question 1.06
Some issues, never fully resolved	(3)	0	0.00%		Dept 1.19
N/A	(0)	10	37.04%		ECAS 1.17

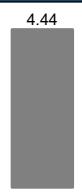| Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	1.06	0.24	1.00	1107	1.19	0.47	1.00	17941	1.17	0.44	1.00

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)
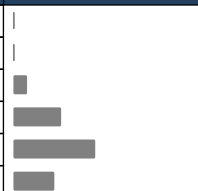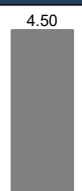
Course: QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor: Juan Estrada Sosa *
Response Rate: 27/38 (71.05 %)

17 - Indicate the level of difficulty you experienced in each of the following domains.

Other

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
No (or few) issues	(1)	15	55.56%				
Some issues, easily resolved	(2)	2	7.41%		1.12	1.18	1.17
Some issues, never fully resolved	(3)	0	0.00%				
N/A	(0)	10	37.04%		Question	Dept	ECAS

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	1.12	0.33	1.00	1107	1.18	0.47	1.00	17941	1.17	0.47	1.00

18 - Please describe the other technical issues you referred to above (if any).

Response Rate	0/38 (0%)

19 - My lab instructor, Juan Estrada Sosa, explained things clearly.

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly Disagree	(1)	0	0.00%				
Disagree	(2)	3	11.11%		4.12	4.48	4.48
Neither Agree nor Disagree	(3)	2	7.41%				
Agree	(4)	10	37.04%				
Strongly Agree	(5)	11	40.74%				
Not Applicable	(0)	1	3.70%		Question	Dept	ECAS

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.12	0.99	4.00	311	4.48	0.80	5.00	311	4.48	0.80	5.00

20 - Juan Estrada Sosa helped me understand lecture material.

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly Disagree	(1)	0	0.00%				
Disagree	(2)	2	7.41%		4.04	4.27	4.27
Neither Agree nor Disagree	(3)	3	11.11%				
Agree	(4)	11	40.74%				
Strongly Agree	(5)	8	29.63%				
Not Applicable	(0)	3	11.11%		Question	Dept	ECAS

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.04	0.91	4.00	311	4.27	0.89	4.50	311	4.27	0.89	4.50

• I forgot to put this in my course evaluation for the lecture class but there was not enough time between when class lecture materials were posted on Tuesday and class/when they were due on Thursday. Materials should have been posted Friday/over the weekend/by Monday at the latest to allow us time to complete them.

21 - Juan Estrada Sosa helped me understand lab material.

Response Option	Weight	Frequency	Percent	Percent Responses	Means		
Strongly Disagree	(1)	0	0.00%				
Disagree	(2)	1	3.70%		4.27	4.48	4.48
Neither Agree nor Disagree	(3)	2	7.41%				
Agree	(4)	12	44.44%				
Strongly Agree	(5)	11	40.74%				
Not Applicable	(0)	1	3.70%		Question	Dept	ECAS

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.27	0.78	4.00	311	4.48	0.76	5.00	311	4.48	0.76	5.00

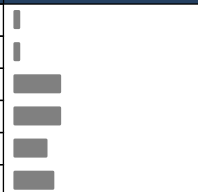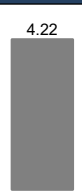|	
Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

22 - Office hours with Juan Estrada Sosa were helpful.

Response Option	Weight	Frequency	Percent
Strongly Disagree	(1)	0	0.00%
Disagree	(2)	0	0.00%
Neither Agree nor Disagree	(3)	1	3.70%
Agree	(4)	3	11.11%
Strongly Agree	(5)	13	48.15%
Not Applicable	(0)	10	37.04%

Means: Question 4.71, Dept 4.44, ECAS 4.44

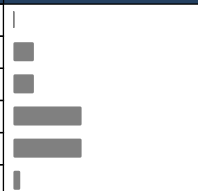| Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.71	0.59	5.00	311	4.44	0.87	5.00	311	4.44	0.87	5.00
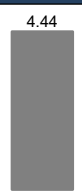
23 - Juan Estrada Sosa exhibited good leadership in the classroom.

Response Option	Weight	Frequency	Percent
Strongly Disagree	(1)	0	0.00%
Disagree	(2)	0	0.00%
Neither Agree nor Disagree	(3)	2	7.41%
Agree	(4)	7	25.93%
Strongly Agree	(5)	12	44.44%
Not Applicable	(0)	6	22.22%

Means: Question 4.48, Dept 4.50, ECAS 4.50

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.48	0.68	5.00	311	4.50	0.74	5.00	311	4.50	0.74	5.00

24 - Juan Estrada Sosa solicited engagement from students during class or lab time.

Response Option	Weight	Frequency	Percent
Strongly Disagree	(1)	1	3.70%
Disagree	(2)	1	3.70%
Neither Agree nor Disagree	(3)	7	25.93%
Agree	(4)	7	25.93%
Strongly Agree	(5)	5	18.52%
Not Applicable	(0)	6	22.22%

Means: Question 3.67, Dept 4.22, ECAS 4.22

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	3.67	1.06	4.00	311	4.22	0.98	4.00	311	4.22	0.98	4.00

25 - Overall, I would recommend Juan Estrada Sosa to new students.

Response Option	Weight	Frequency	Percent
Strongly Disagree	(1)	0	0.00%
Disagree	(2)	3	11.11%
Neither Agree nor Disagree	(3)	3	11.11%
Agree	(4)	10	37.04%
Strongly Agree	(5)	10	37.04%
Not Applicable	(0)	1	3.70%

Means: Question 4.04, Dept 4.44, ECAS 4.44

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.04	1.00	4.00	311	4.44	0.86	5.00	311	4.44	0.86	5.00

Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

26 - The undergraduate LA is named _____.	
Response Rate	27/38 (71.05%)

- NA
- I dont know who my LA is
- I have no idea
- I don't think we have an LA?
- Bo Lee
- Bo Lee
- N/A
- Bo Lee
- Juan Estrada Sosa
- Bo Lee
- N/A
- Bo Lee
- Unsure
- I was unaware I had one
- I don't know
- I am not sure.
- Bo Lee
- Juan Estrada Sosa
- i have no idea
- Juan Estrada Sosa
- Sena Agezo (not sure I've never seen him before_
- Don't know
- idk.
- I don't know
- I literally didn't even know there was an LA for QTM Lab.
- ?
- n/a

27 - My LA explained things clearly.

Response Option	Weight	Frequency	Percent	Percent Responses	Means
Strongly Disagree	(1)	0	0.00%		
Disagree	(2)	0	0.00%		4.17 / 4.08 / 4.08
Neither Agree nor Disagree	(3)	2	7.41%		
Agree	(4)	1	3.70%		
Strongly Agree	(5)	3	11.11%		
Not Applicable	(0)	21	77.78%		
				0 25 50 100	Question Dept ECAS

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.17	0.98	4.50	452	4.08	0.91	4.00	452	4.08	0.91	4.00

- I have no idea who our LA is or even what they were supposed to do.

Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

28 - My LA helped me understand lab material.

Response Option	Weight	Frequency	Percent
Strongly Disagree	(1)	0	0.00%
Disagree	(2)	0	0.00%
Neither Agree nor Disagree	(3)	1	3.70%
Agree	(4)	2	7.41%
Strongly Agree	(5)	3	11.11%
Not Applicable	(0)	21	77.78%

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.33	0.82	4.50	452	4.02	0.96	4.00	452	4.02	0.96	4.00

Means: Question 4.33 — Dept 4.02 — ECAS 4.02

29 - Office hours with my LA were helpful.

Response Option	Weight	Frequency	Percent
Strongly Disagree	(1)	0	0.00%
Disagree	(2)	0	0.00%
Neither Agree nor Disagree	(3)	1	3.70%
Agree	(4)	0	0.00%
Strongly Agree	(5)	4	14.81%
I never attended my LA's office hours	(0)	22	81.48%

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.60	0.89	5.00	452	3.97	0.98	4.00	452	3.97	0.98	4.00

Means: Question 4.60 — Dept 3.97 — ECAS 3.97

30 - My LA exhibited good leadership in the classroom.

Response Option	Weight	Frequency	Percent
Strongly Disagree	(1)	0	0.00%
Disagree	(2)	0	0.00%
Neither Agree nor Disagree	(3)	1	3.70%
Agree	(4)	0	0.00%
Strongly Agree	(5)	2	7.41%
Not Applicable	(0)	24	88.89%

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.33	1.15	5.00	452	3.86	1.05	4.00	452	3.86	1.05	4.00

Means: Question 4.33 — Dept 3.86 — ECAS 3.86

31 - My LA solicited engagement from students during class or lab time.

Response Option	Weight	Frequency	Percent
Strongly Disagree	(1)	0	0.00%
Disagree	(2)	0	0.00%
Neither Agree nor Disagree	(3)	1	3.70%
Agree	(4)	0	0.00%
Strongly Agree	(5)	2	7.41%
Not Applicable	(0)	24	88.89%

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.33	1.15	5.00	452	3.77	1.08	4.00	452	3.77	1.08	4.00

Means: Question 4.33 — Dept 3.77 — ECAS 3.77

Emory University: Emory College of Arts and Sciences
ECAS Course Evaluations (Fa 2020)

Course:	QTM-100-6: Intro to Stat Inference - Fall 2020
Instructor:	Juan Estrada Sosa *
Response Rate:	27/38 (71.05 %)

32 - Overall, I would recommend my LA to new students.

Response Option	Weight	Frequency	Percent
Strongly Disagree	(1)	0	0.00%
Disagree	(2)	1	3.70%
Neither Agree nor Disagree	(3)	1	3.70%
Agree	(4)	1	3.70%
Strongly Agree	(5)	3	11.11%
Not Applicable	(0)	21	77.78%

Means: Question 4.00, Dept 4.00, ECAS 4.00

Response Rate	Mean	STD	Median	Dept	Mean	STD	Median	ECAS	Mean	STD	Median
27/38 (71.05%)	4.00	1.26	4.50	452	4.00	0.94	4.00	452	4.00	0.94	4.00

- Unfortunately, I didn't really realize that we had an undergraduate LA until doing this survey.
- I just wanted to clear up: I said "Not Applicable" because I did not know there was an LA. I think it would've been helpful if the class stressed more that we did have an LA for Lab.

Mean of Means Calculations	Mean	Dept	ECAS	
Weighted Mean (Course)	7.60	7.72	7.87	
Weighted Mean (Instructor)	7.54	7.91	8.00	
Weighted Mean (Overall)	7.56	7.85	7.95	