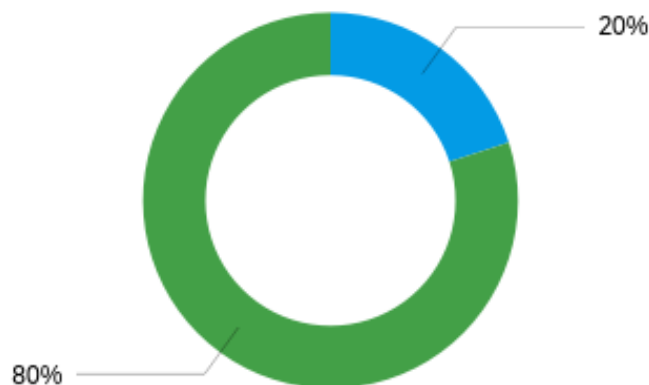


Spring 2024 Undergraduate Seminar

Please take a few minutes to complete this post-course survey. The purpose of this survey is to collect information about your experiences in the course at the University of Iowa that took place in the spring of 2024. The results of the survey will be used to inform the University's Math Department about the strengths of the course and areas of improvement in the future. Your responses are confidential, so please answer honestly.

This survey is being conducted by the Center for Evaluation and Assessment (CEA). If you have any questions about this survey, please contact Dr. Liz Hollingworth at liz-hollingworth@uiowa.edu.

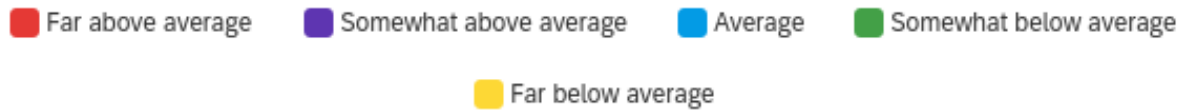
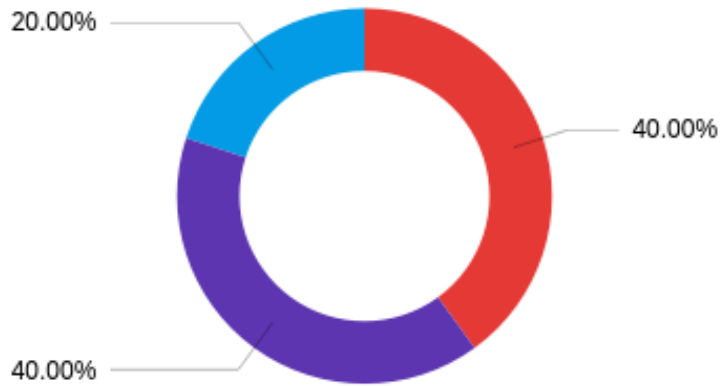
Q2 - How effective was the undergraduate seminar in Spring 2024 in teaching basic topics in knot theory?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	How effective was the undergraduate seminar in Spring 2024 in teaching basic topics in knot theory?	39.00	40.00	39.80	0.40	0.16	5

#	Answer	%	Count
39	Extremely effective	20.00%	1
40	Very effective	80.00%	4
41	Moderately effective	0.00%	0
42	Slightly effective	0.00%	0
43	Not effective at all	0.00%	0
	Total	100%	5

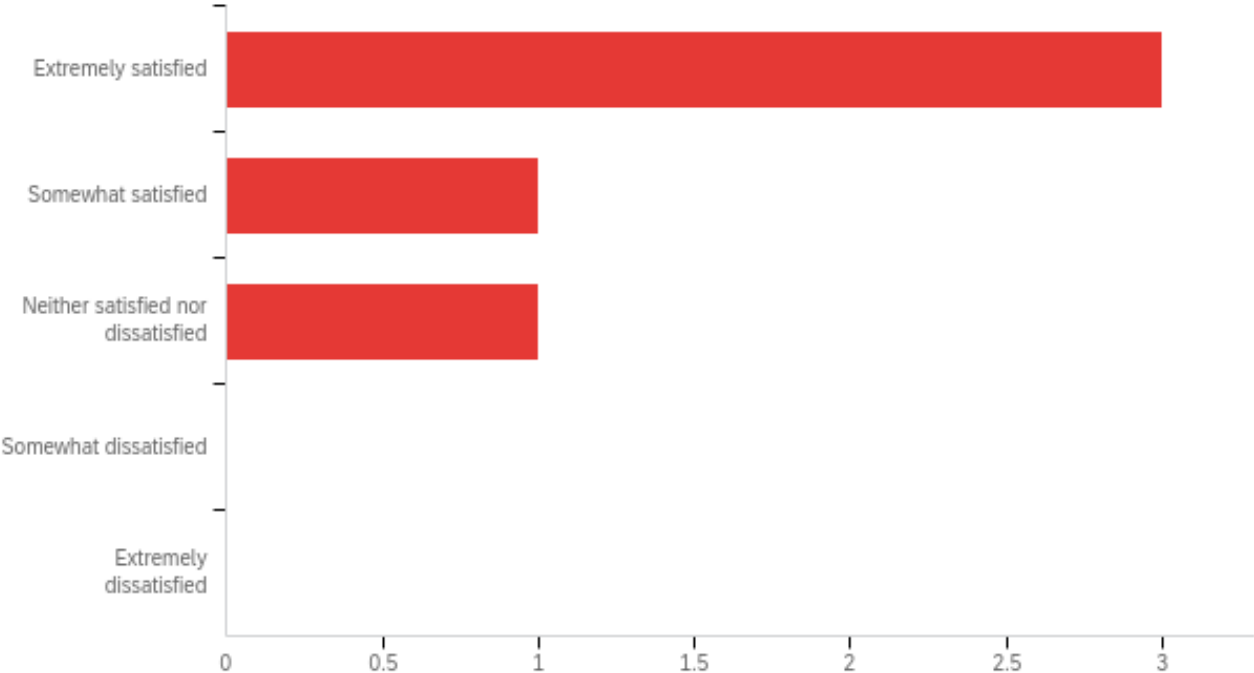
Q3 - How successful was the seminar overall?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	How successful was the seminar overall?	41.00	43.00	41.80	0.75	0.56	5

#	Answer	%	Count
41	Far above average	40.00%	2
42	Somewhat above average	40.00%	2
43	Average	20.00%	1
44	Somewhat below average	0.00%	0
45	Far below average	0.00%	0
	Total	100%	5

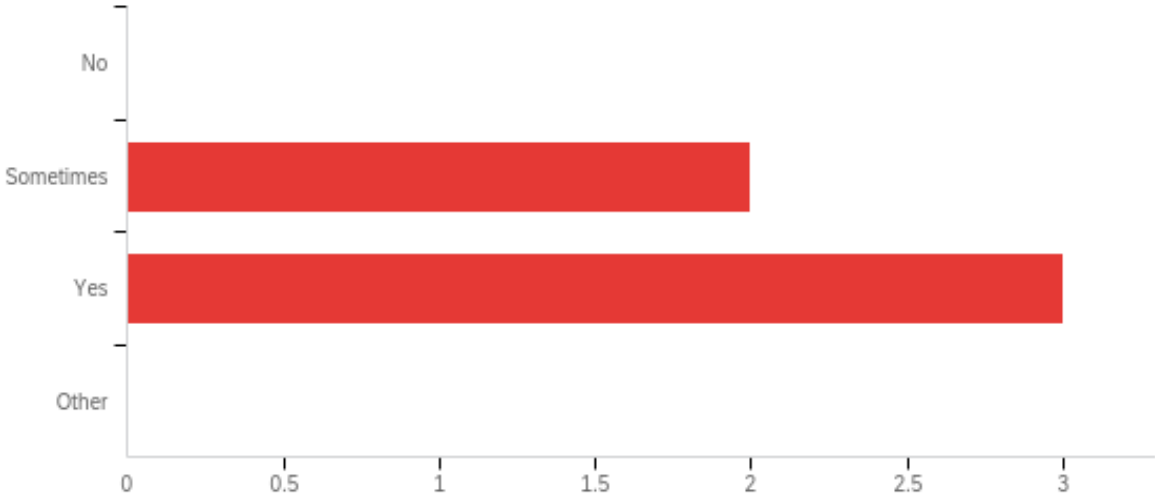
Q4 - How satisfied were you with the support you received in preparing your presentation?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	How satisfied were you with the support you received in preparing your presentation?	14.00	16.00	14.60	0.80	0.64	5

#	Answer	%	Count
14	Extremely satisfied	60.00%	3
15	Somewhat satisfied	20.00%	1
16	Neither satisfied nor dissatisfied	20.00%	1
17	Somewhat dissatisfied	0.00%	0
18	Extremely dissatisfied	0.00%	0
	Total	100%	5

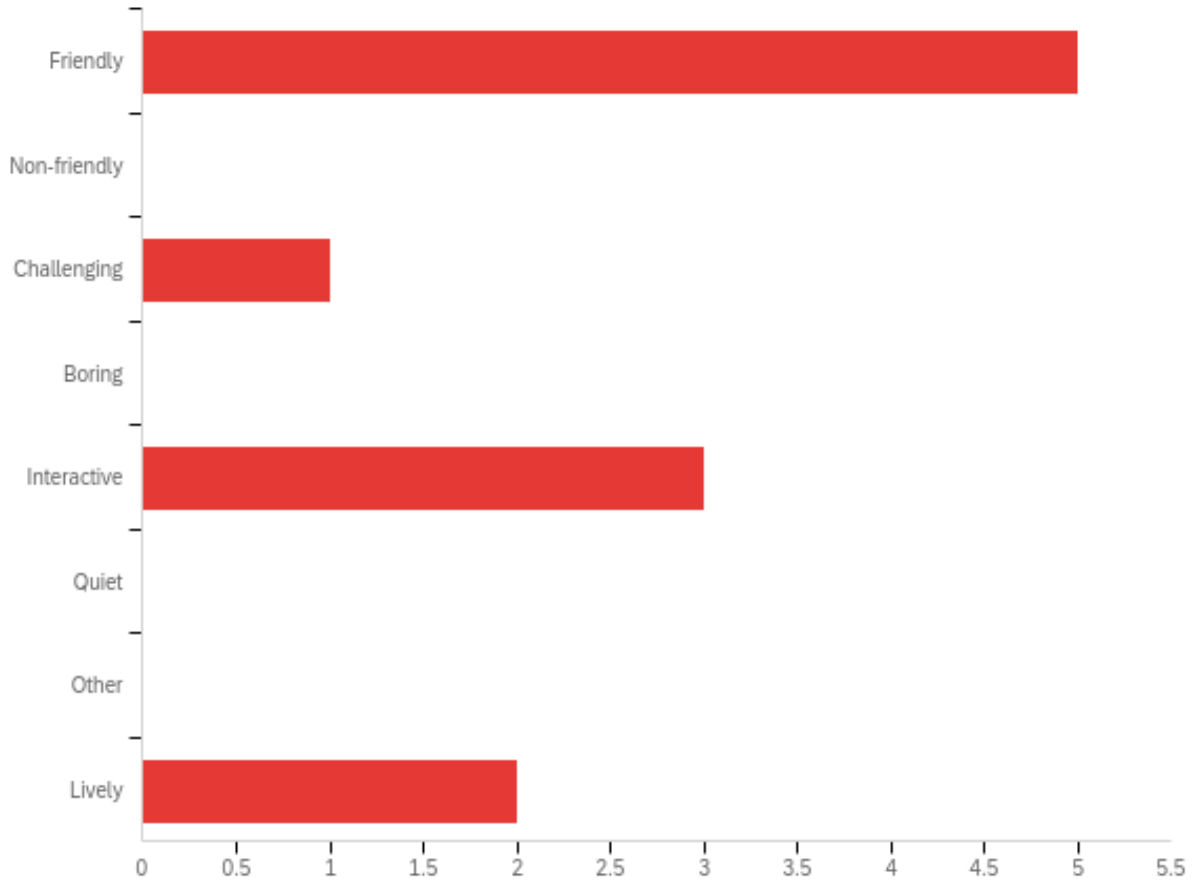
Q5 - Was the textbook helpful?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Was the textbook helpful? - Selected Choice	26.00	27.00	26.60	0.49	0.24	5

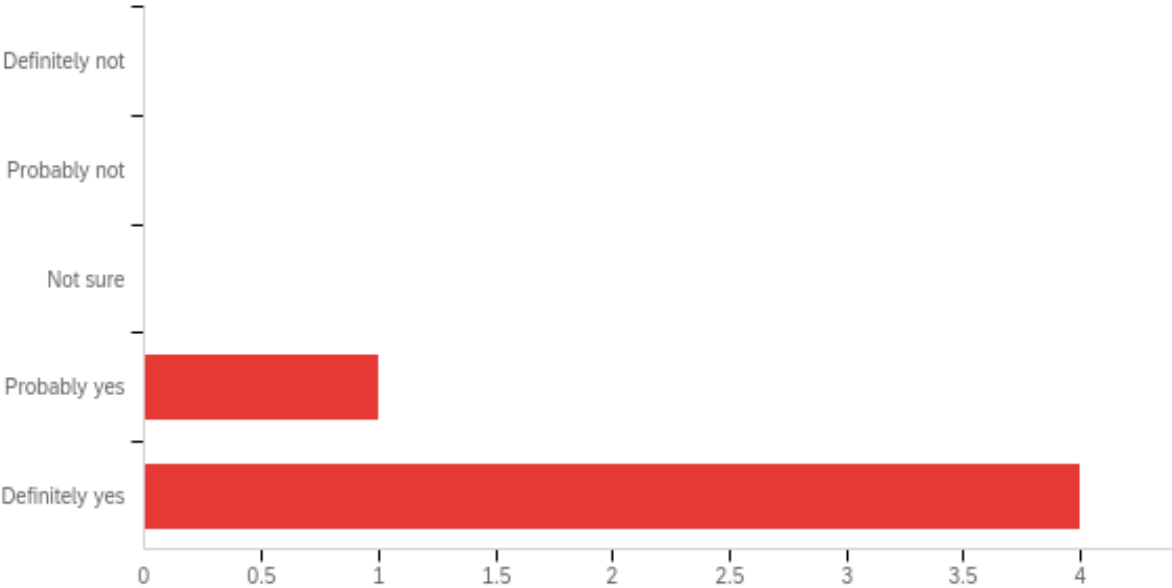
#	Answer	%	Count
25	No	0.00%	0
26	Sometimes	40.00%	2
27	Yes	60.00%	3
28	Other	0.00%	0
	Total	100%	5

Q6 - How was the atmosphere of the seminar? (Select all that apply)



#	Answer	%	Count
11	Friendly	45.45%	5
14	Non-friendly	0.00%	0
15	Challenging	9.09%	1
16	Boring	0.00%	0
17	Interactive	27.27%	3
19	Quiet	0.00%	0
20	Other	0.00%	0
21	Lively	18.18%	2
	Total	100%	11

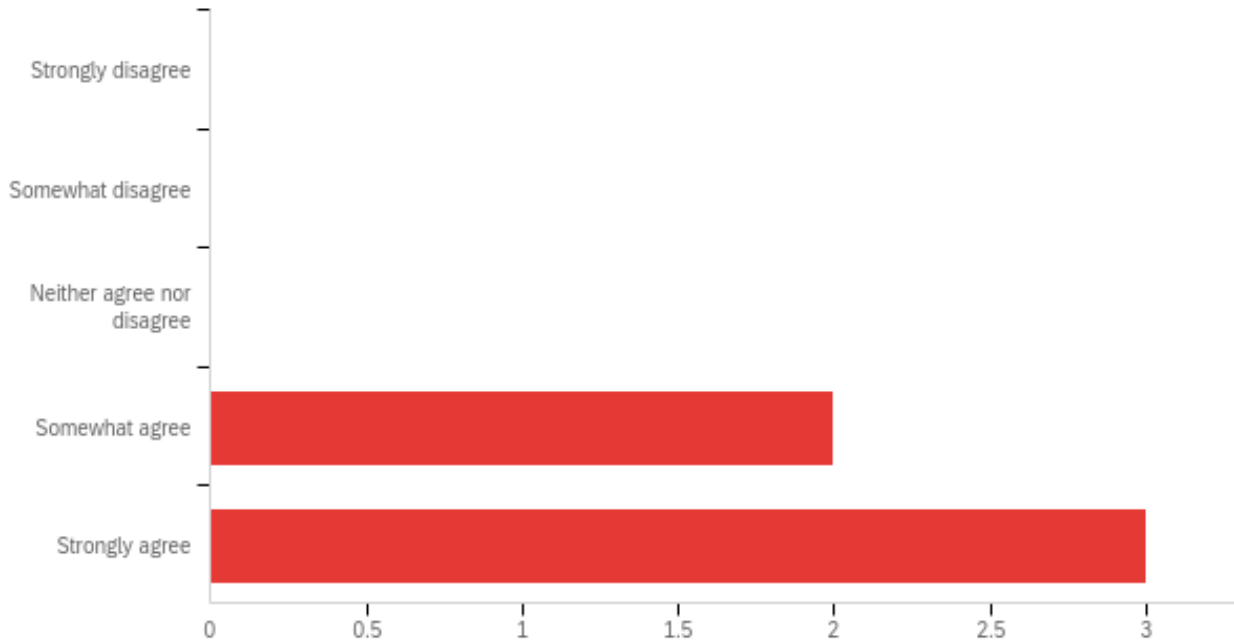
Q7 - Did you improve your presentation skills because of this seminar?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	Did you improve your presentation skills because of this seminar?	12.00	13.00	12.80	0.40	0.16	5

#	Answer	%	Count
9	Definitely not	0.00%	0
10	Probably not	0.00%	0
11	Not sure	0.00%	0
12	Probably yes	20.00%	1
13	Definitely yes	80.00%	4
	Total	100%	5

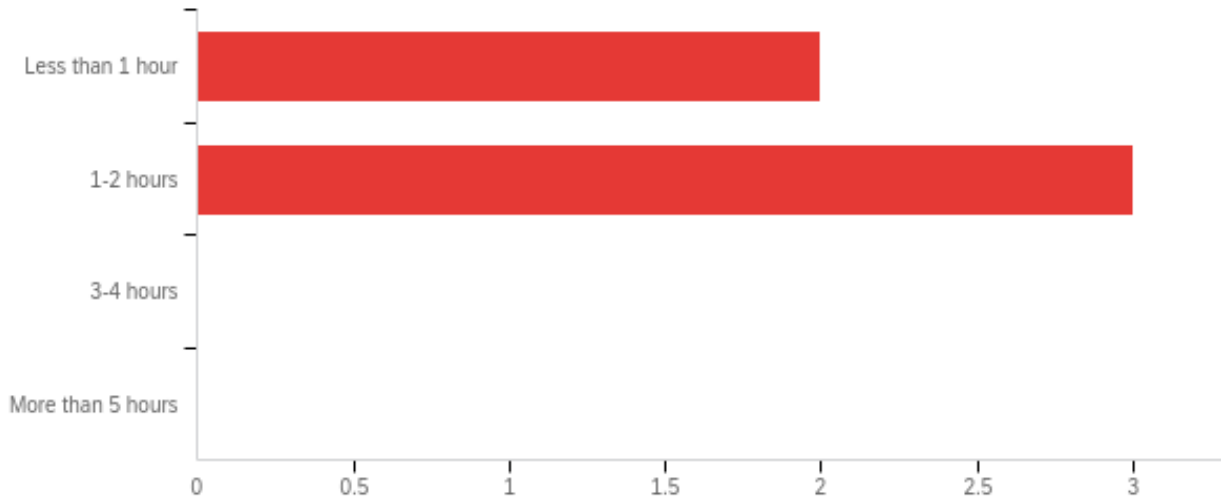
Q8 - To what extent do you agree with this statement: Participation in the seminar has made me more confident in my mathematical ability.



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	To what extent do you agree with this statement: Participation in the seminar has made me more confident in my mathematical ability.	7.00	8.00	7.60	0.49	0.24	5

#	Answer	%	Count
4	Strongly disagree	0.00%	0
5	Somewhat disagree	0.00%	0
6	Neither agree nor disagree	0.00%	0
7	Somewhat agree	40.00%	2
8	Strongly agree	60.00%	3
	Total	100%	5

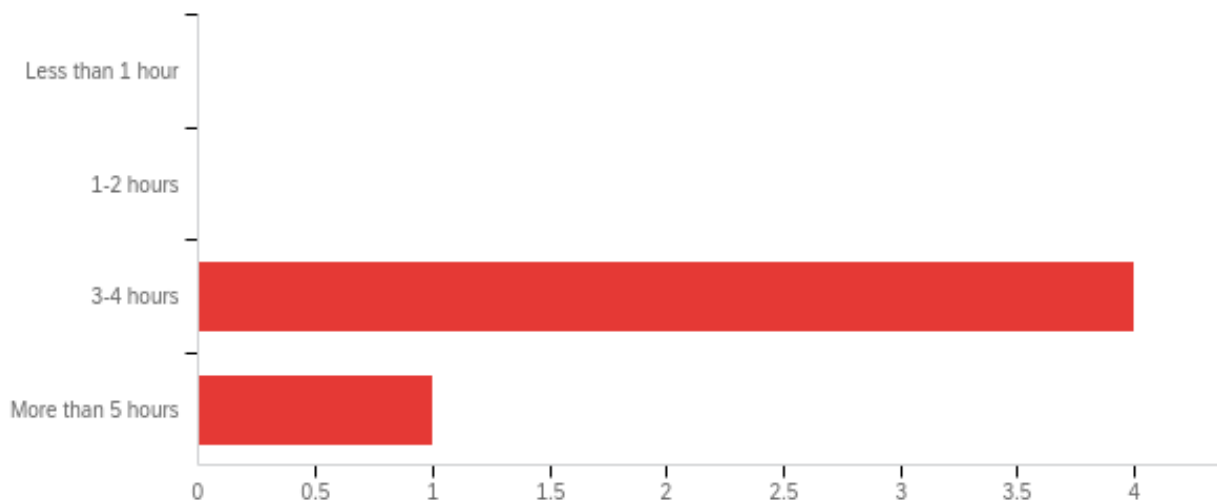
Q9 - In an average week where you were NOT a presenter, how much time did you spend (outside of the seminar hour on Fridays) working/thinking about knot theory?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	In an average week where you were NOT a presenter, how much time did you spend (outside of the seminar hour on Fridays) working/thinking about knot theory?	19.00	20.00	19.60	0.49	0.24	5

#	Answer	%	Count
19	Less than 1 hour	40.00%	2
20	1-2 hours	60.00%	3
21	3-4 hours	0.00%	0
22	More than 5 hours	0.00%	0
	Total	100%	5

Q10 - In an average week where you WERE a presenter, how much time did you spend (outside of the seminar hour on Fridays) working/thinking about knot theory?



#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	In an average week where you WERE a presenter, how much time did you spend (outside of the seminar hour on Fridays) working/thinking about knot theory?	21.00	22.00	21.20	0.40	0.16	5

#	Answer	%	Count
19	Less than 1 hour	0.00%	0
20	1-2 hours	0.00%	0
21	3-4 hours	80.00%	4
22	More than 5 hours	20.00%	1
	Total	100%	5

Q11 - What is one thing you would change about the seminar? How would you change it?

What is one thing you would change about the seminar? How would you change it?

Incorporating small assignments each week for non presenters in order to deepen their understanding and engagement within the topic. The assignments could be related to the specific aspect of knot theory discussed in the seminar.

Maybe encourage students to ask the audience questions or teach specific talk organization techniques

The one thing I would change is that it would be nice to have a week where the person running the seminar would give a presentation about their research to show us what they work on and how it ties into our topic.

When we were presenting, there was way too much to do. She told us she didn't want us to cover everything in our presentation but to me it felt like she wanted us to do them all first and then decide which ones to cover. A lot of times working out the full nuances of each problem took a good little bit of thought, so doing something like all the exercises in a section plus a little more felt like too much. I didn't have the chance to fully understand what was making a problem tick.