

Math 151.01 AU10 End Of Quarter Technology Survey - Survey Results

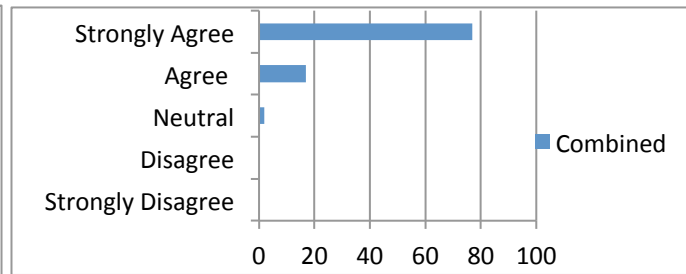
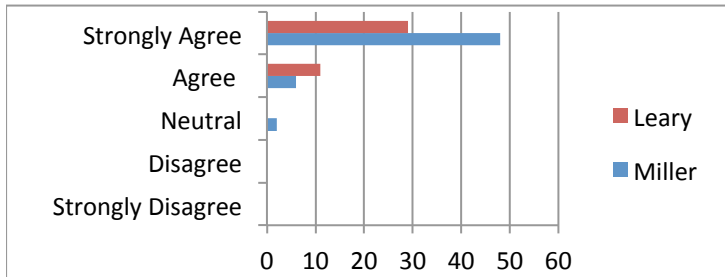
MATH 151.01 - Calc&Analyt Geom 1 (22317 & 22337)

Instructor: Elizabeth Miller & Ian Leary

Lecture Presentation Method:

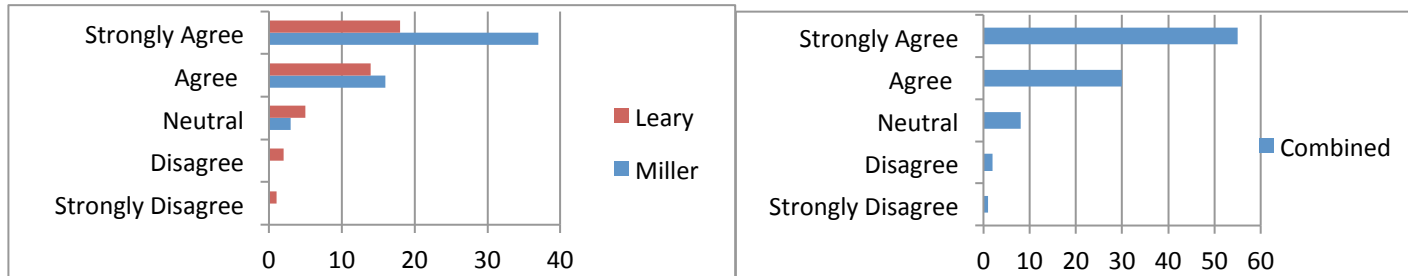
In a lecture hall, it is easier to see material written on the Symposium than material written on a chalkboard.

Answer	Responses	Percentage of Responses
Strongly Disagree	0	0.00%
Disagree	0	0.00%
Neutral	2	2.08%
Agree	17	17.71%
Strongly Agree	77	80.21%



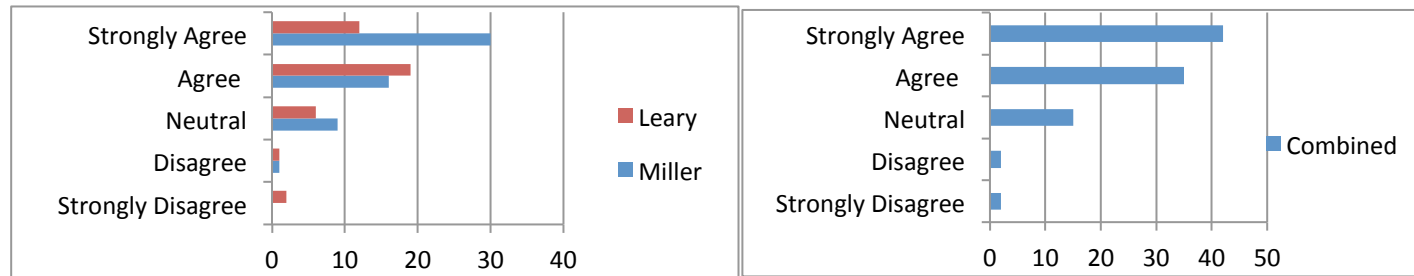
The ability to write in different colors using the Symposium helped me better focus on the points being discussed.

Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.04%
Disagree	2	2.08%
Neutral	8	8.33%
Agree	30	31.25%
Strongly Agree	55	57.29%



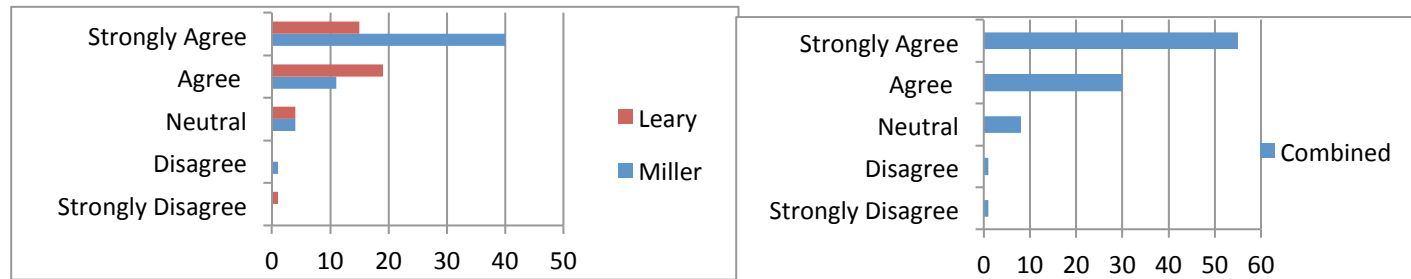
The ability to use the Symposium to show computer generated images increase my understanding of the material.

Answer	Responses	Percentage of Responses
Strongly Disagree	2	2.08%
Disagree	2	2.08%
Neutral	15	15.63%
Agree	35	36.46%
Strongly Agree	42	43.75%



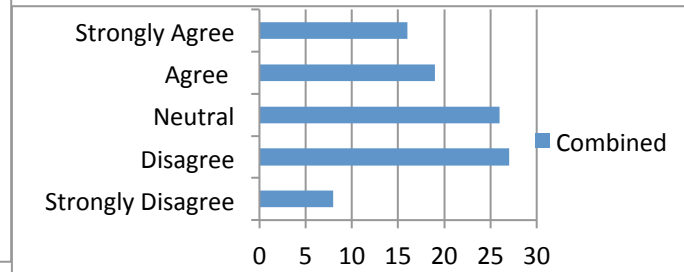
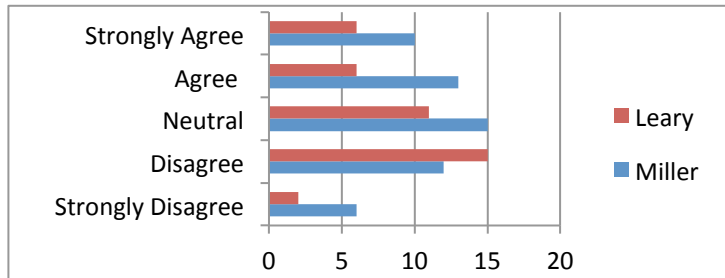
Having prepared slides improved the clarity of the lecture.

Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.05%
Disagree	1	1.05%
Neutral	8	8.42%
Agree	30	31.58%
Strongly Agree	55	57.89%



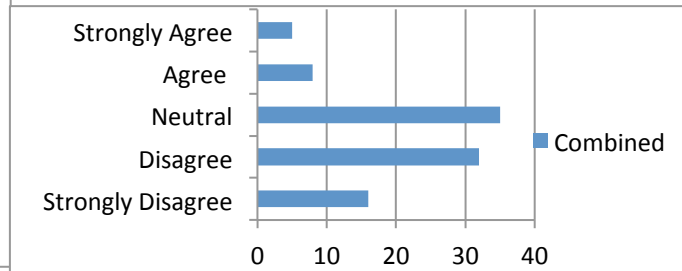
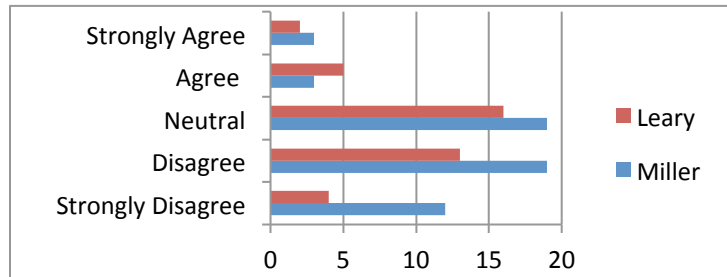
Having prepared slides caused the lecture to move too quickly.

Answer	Responses	Percentage of Responses
Strongly Disagree	8	8.33%
Disagree	27	28.13%
Neutral	26	27.08%
Agree	19	19.79%
Strongly Agree	16	16.67%



I feel more involved in the lecture when the lecturer uses the chalkboard.

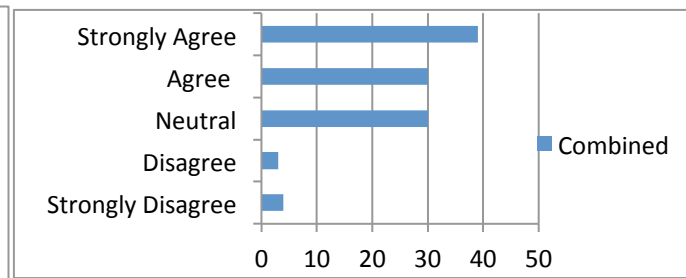
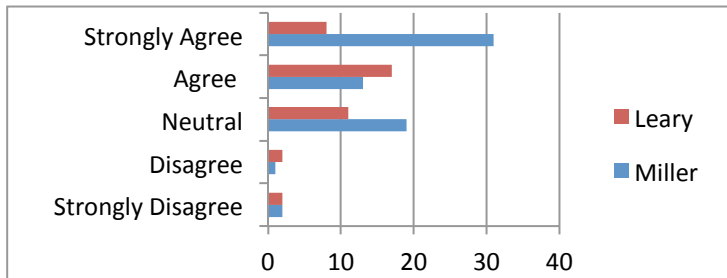
Answer	Responses	Percentage of Responses
Strongly Disagree	16	16.67%
Disagree	32	33.33%
Neutral	35	36.46%
Agree	8	8.33%
Strongly Agree	5	5.21%



Pre-Class Lecture Notes:

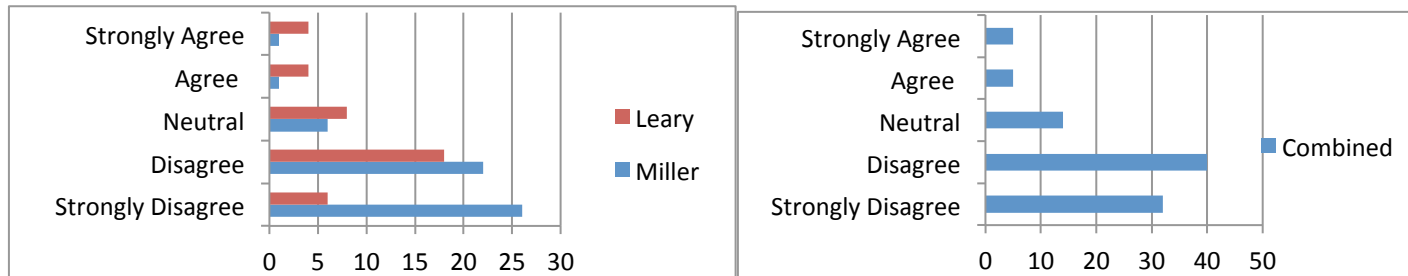
I appreciated having an outline of the partial notes before lecture.

Answer	Responses	Percentage of Responses
Strongly Disagree	4	3.77%
Disagree	3	2.83%
Neutral	30	28.30%
Agree	30	28.30%
Strongly Agree	39	36.79%



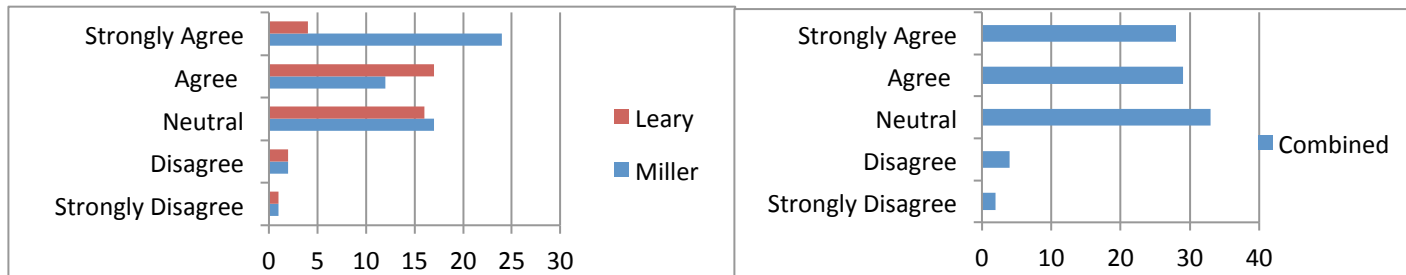
The preclass lecture notes were difficult to access.

Answer	Responses	Percentage of Responses
Strongly Disagree	32	33.33%
Disagree	40	41.67%
Neutral	14	14.58%
Agree	5	5.21%
Strongly Agree	5	5.21%



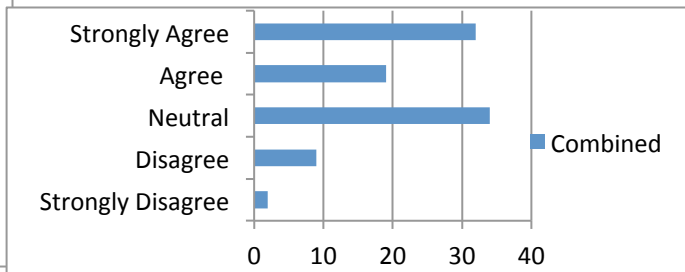
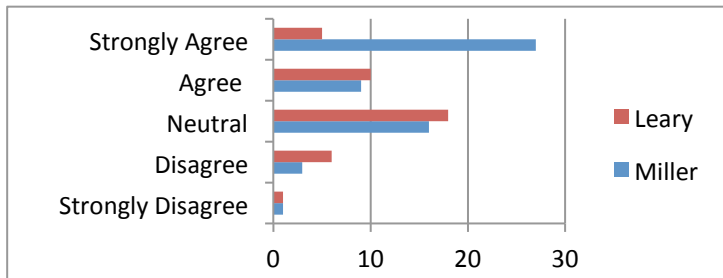
The preclass lecture notes allowed me to pay better attention in lecture.

Answer	Responses	Percentage of Responses
Strongly Disagree	2	2.08%
Disagree	4	4.17%
Neutral	33	34.38%
Agree	29	30.21%
Strongly Agree	28	29.17%



The preclass lecture notes improved my ability to take notes in lecture.

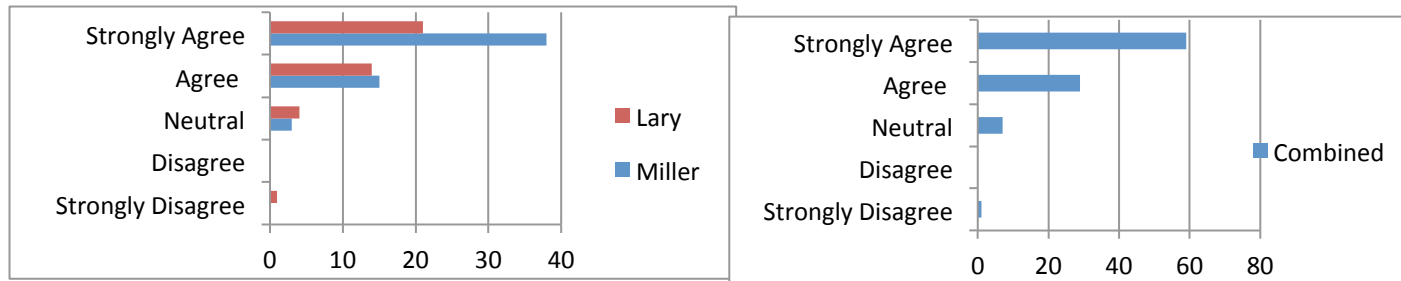
Answer	Responses	Percentage of Responses
Strongly Disagree	2	2.08%
Disagree	9	9.38%
Neutral	34	35.42%
Agree	19	19.79%
Strongly Agree	32	33.33%



Post-Class Lecture Notes:

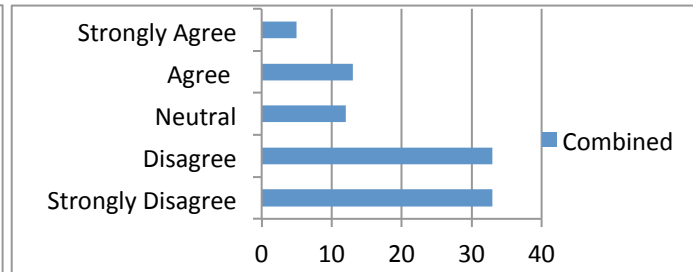
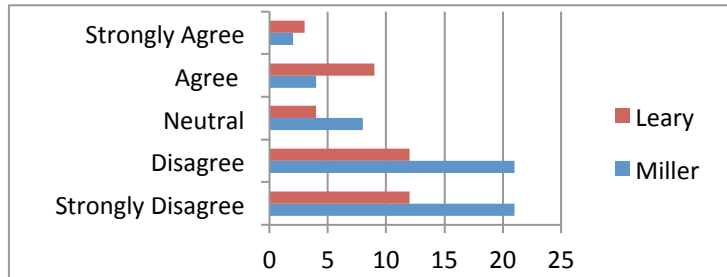
Having the complete lecture notes was helpful.

Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.04%
Disagree	0	0.00%
Neutral	7	7.29%
Agree	29	30.21%
Strongly Agree	59	61.46%



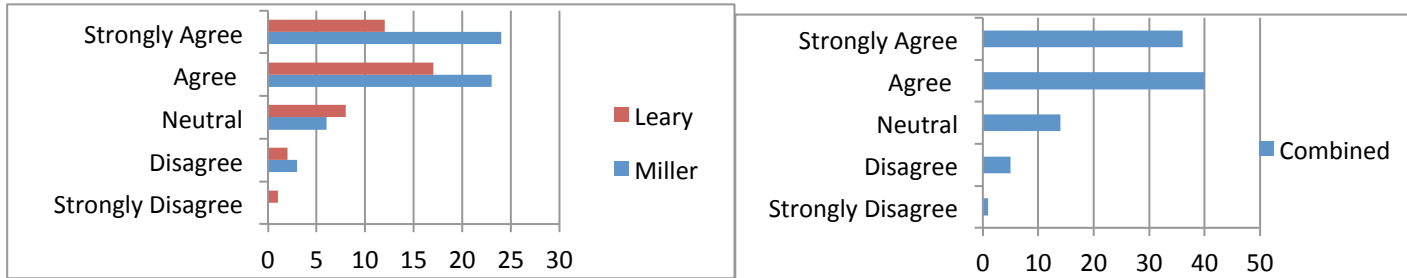
I attended fewer class sessions because of online lecture notes.

Answer	Responses	Percentage of Responses
Strongly Disagree	33	34.38%
Disagree	33	34.38%
Neutral	12	12.50%
Agree	13	13.54%
Strongly Agree	5	5.21%



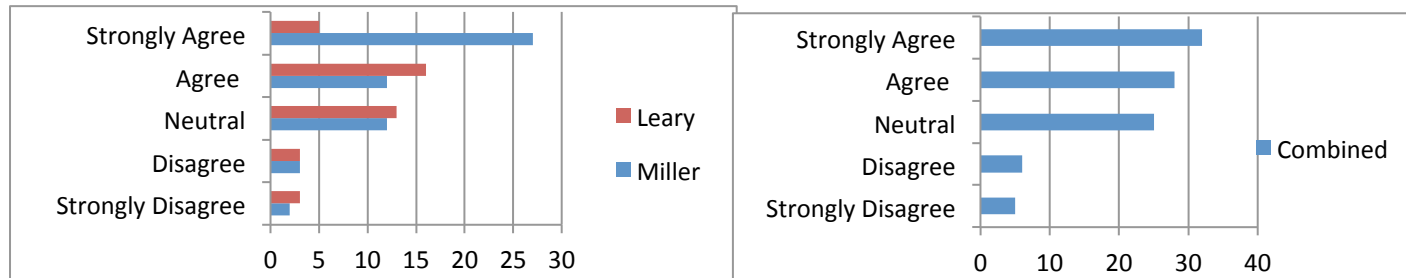
The online lecture notes increased my understanding of concepts.

Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.04%
Disagree	5	5.21%
Neutral	14	14.58%
Agree	40	41.67%
Strongly Agree	36	37.50%



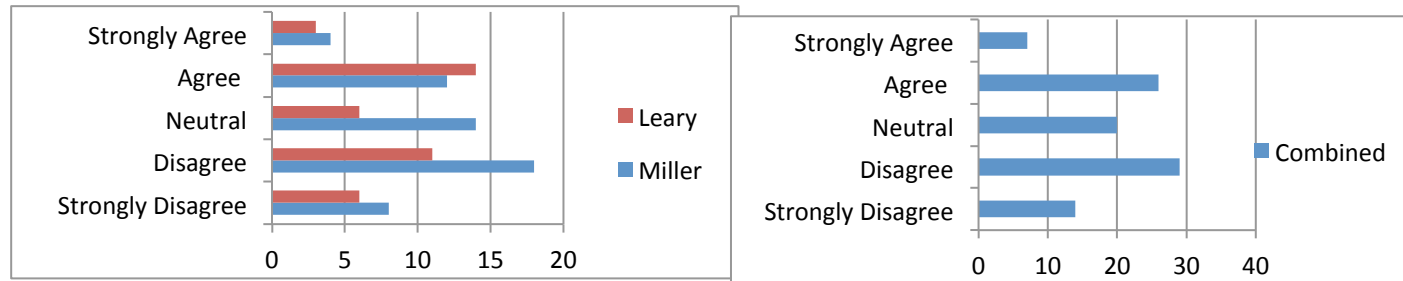
Knowing the online lecture notes would be available allowed me to pay better attention during lecture.

Answer	Responses	Percentage of Responses
Strongly Disagree	5	5.21%
Disagree	6	6.25%
Neutral	25	26.04%
Agree	28	29.17%
Strongly Agree	32	33.33%



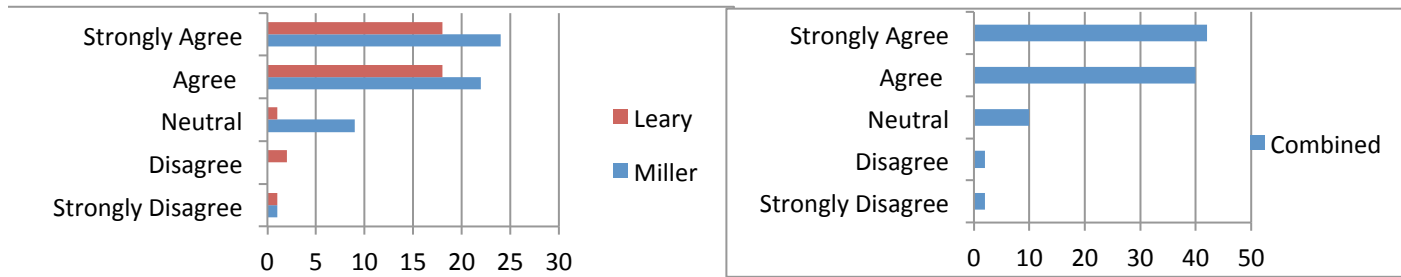
The online lecture notes reduced my need to take notes in class.

Answer	Responses	Percentage of Responses
Strongly Disagree	14	14.58%
Disagree	29	30.21%
Neutral	20	20.83%
Agree	26	27.08%
Strongly Agree	7	7.29%



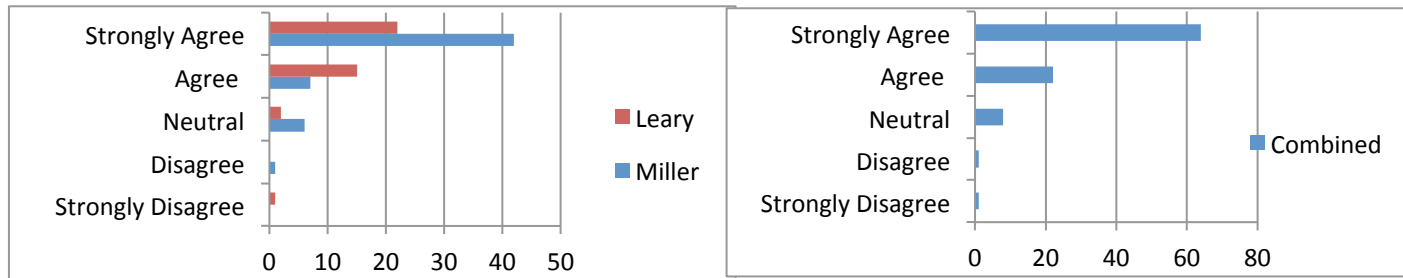
The online lecture notes were helpful in filling in gaps in my own notes.

Answer	Responses	Percentage of Responses
Strongly Disagree	2	2.08%
Disagree	2	2.08%
Neutral	10	10.42%
Agree	40	41.67%
Strongly Agree	42	43.75%



When missing lecture was unavoidable, the online notes helped me to catch up.

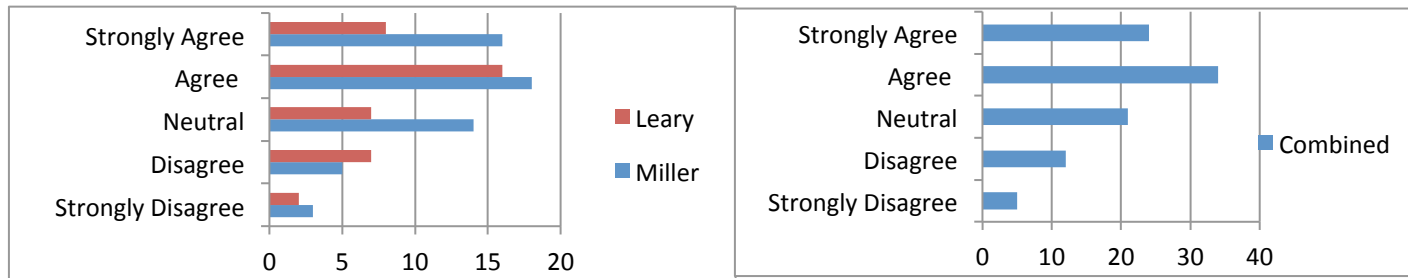
Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.04%
Disagree	1	1.04%
Neutral	8	8.33%
Agree	22	22.92%
Strongly Agree	64	66.67%



Interactive Figures:

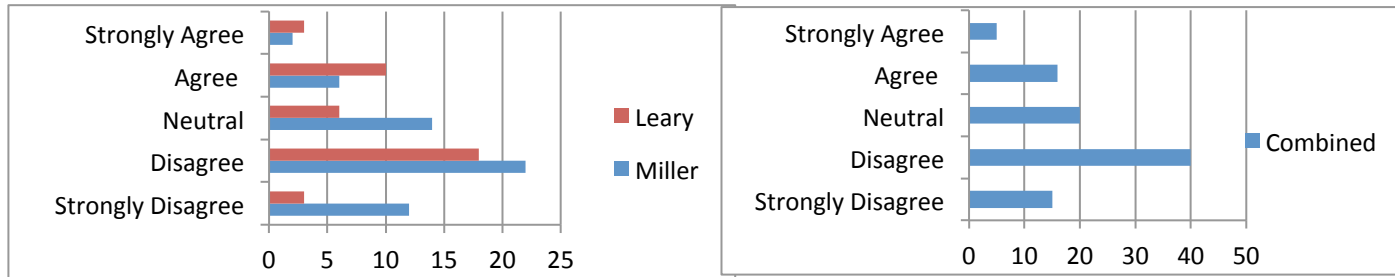
The use of interactive figures in class increased my ability to pay attention during lecture.

Answer	Responses	Percentage of Responses
Strongly Disagree	5	5.21%
Disagree	12	12.50%
Neutral	21	21.88%
Agree	34	35.42%
Strongly Agree	24	25.00%



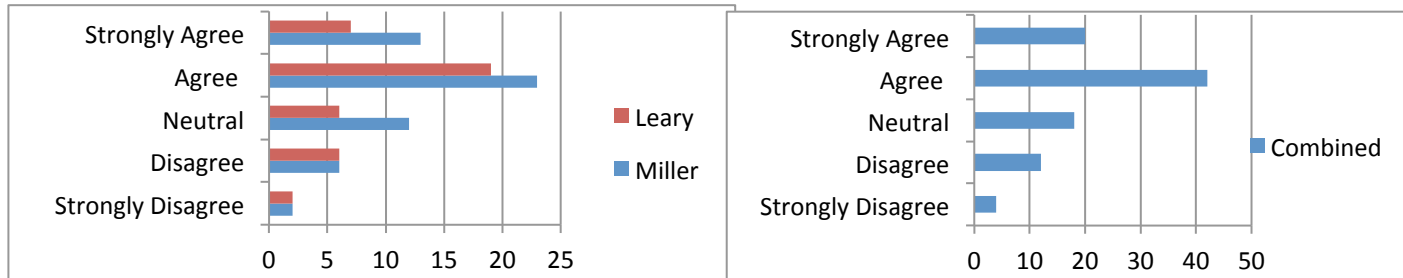
The interactive figures used in class were cluttered and difficult to follow.

Answer	Responses	Percentage of Responses
Strongly Disagree	15	15.63%
Disagree	40	41.67%
Neutral	20	20.83%
Agree	16	16.67%
Strongly Agree	5	5.21%



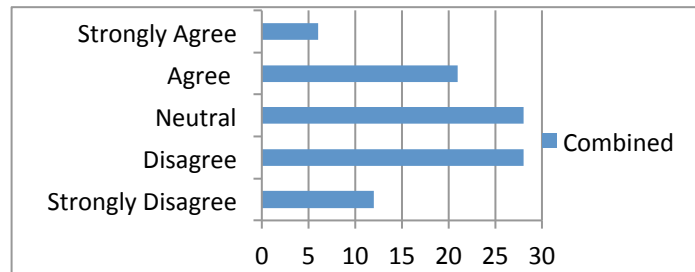
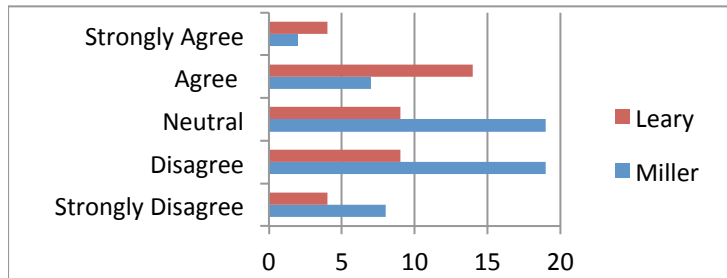
The use of interactive figures in class increased my understanding of course concepts.

Answer	Responses	Percentage of Responses
Strongly Disagree	4	4.17%
Disagree	12	12.50%
Neutral	18	18.75%
Agree	42	43.75%
Strongly Agree	20	20.83%



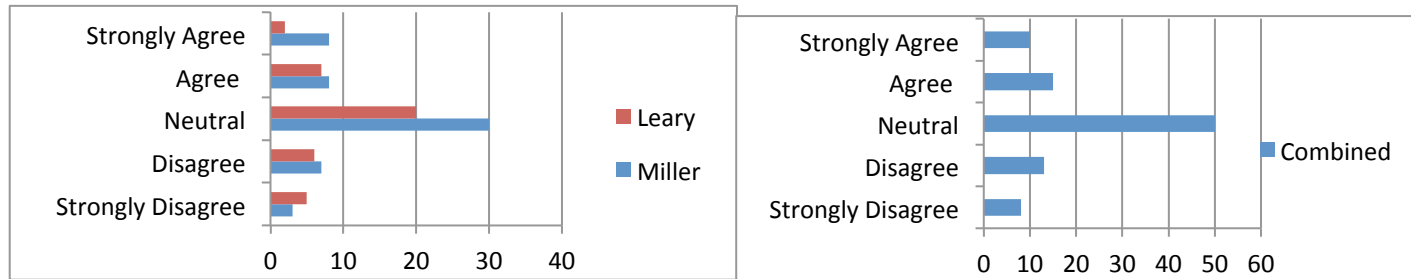
The instructor should have used fewer interactive figures in lecture.

Answer	Responses	Percentage of Responses
Strongly Disagree	12	12.63%
Disagree	28	29.47%
Neutral	28	29.47%
Agree	21	22.11%
Strongly Agree	6	6.32%



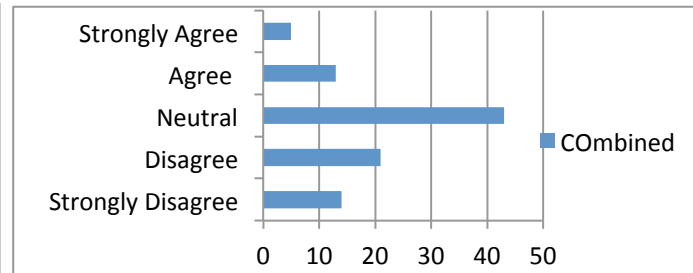
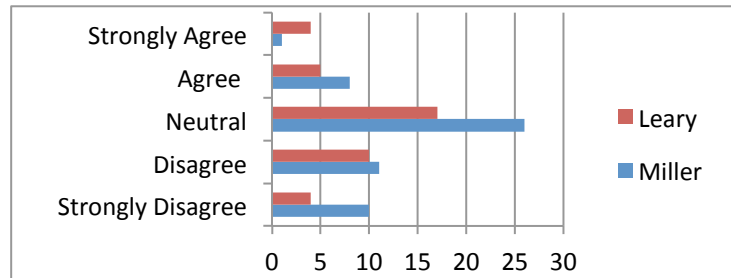
Experimenting with the interactive figures on my own time increased my understanding of course concepts.

Answer	Responses	Percentage of Responses
Strongly Disagree	8	8.33%
Disagree	13	13.54%
Neutral	50	52.08%
Agree	15	15.63%
Strongly Agree	10	10.42%



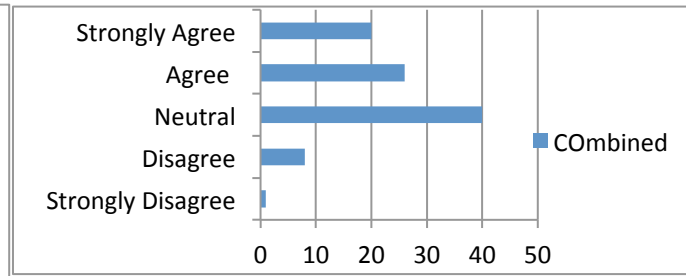
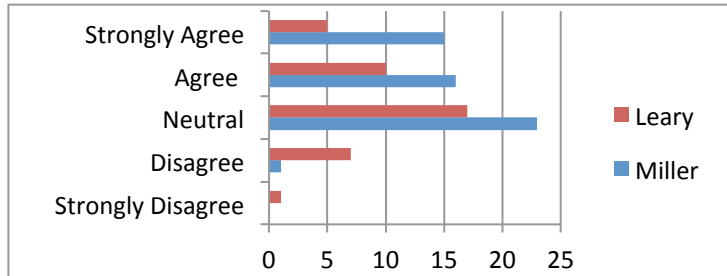
The interactive figures were difficult for me to use.

Answer	Responses	Percentage of Responses
Strongly Disagree	14	14.58%
Disagree	21	21.88%
Neutral	43	44.79%
Agree	13	13.54%
Strongly Agree	5	5.21%



The online interactive figures were easily accessible.

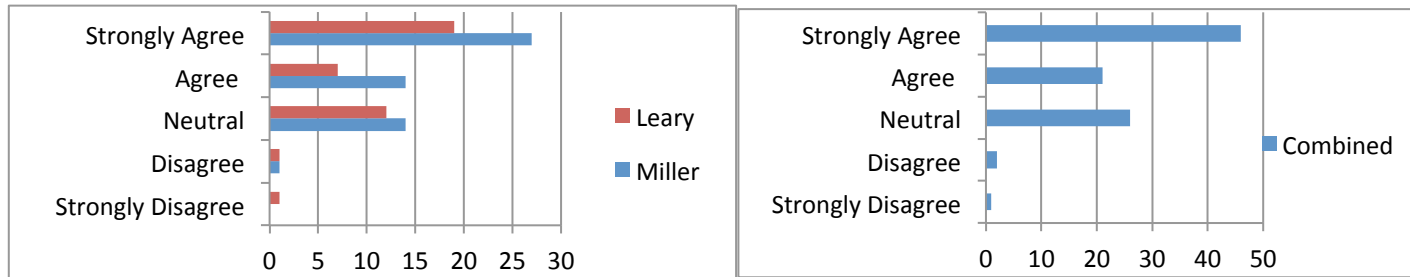
Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.05%
Disagree	8	8.42%
Neutral	40	42.11%
Agree	26	27.37%
Strongly Agree	20	21.05%



Online Lecture Videos:

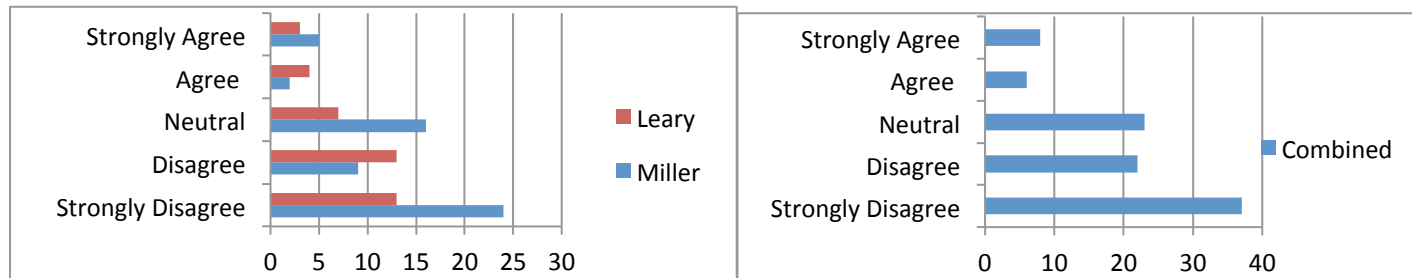
Having the lecture videos was helpful.

Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.04%
Disagree	2	2.08%
Neutral	26	27.08%
Agree	21	21.88%
Strongly Agree	46	47.92%



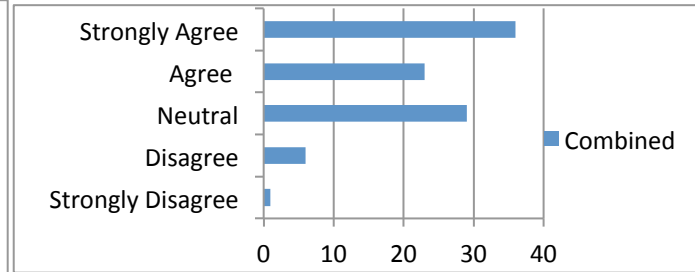
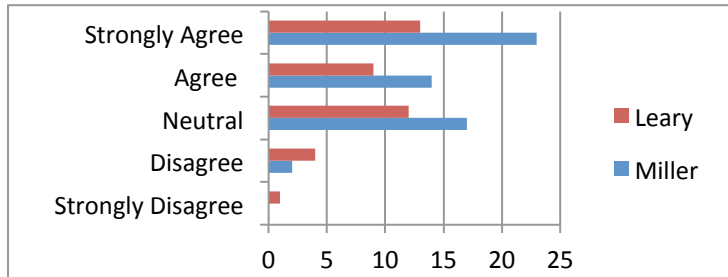
I attended fewer class sessions because of lecture videos.

Answer	Responses	Percentage of Responses
Strongly Disagree	37	38.54%
Disagree	22	22.92%
Neutral	23	23.96%
Agree	6	6.25%
Strongly Agree	8	8.33%



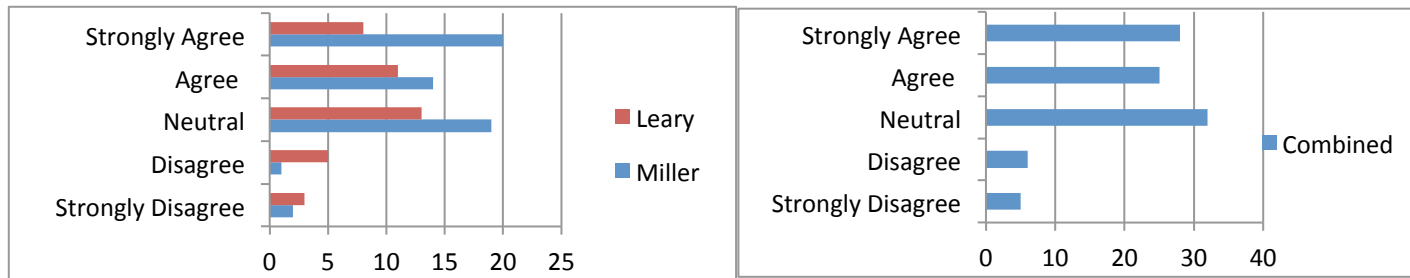
The online lecture videos increased my understanding of course concepts.

Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.05%
Disagree	6	6.32%
Neutral	29	30.53%
Agree	23	24.21%
Strongly Agree	36	37.89%



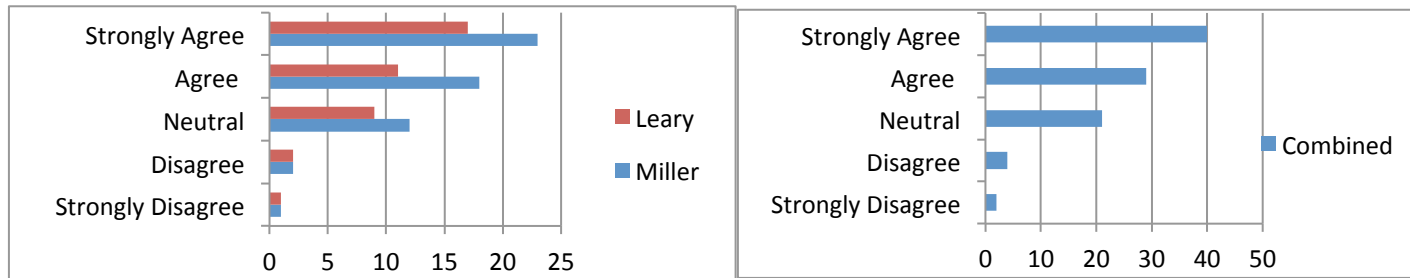
Knowing the online lecture videos would be available allowed me to pay better attention during lecture.

Answer	Responses	Percentage of Responses
Strongly Disagree	5	5.21%
Disagree	6	6.25%
Neutral	32	33.33%
Agree	25	26.04%
Strongly Agree	28	29.17%



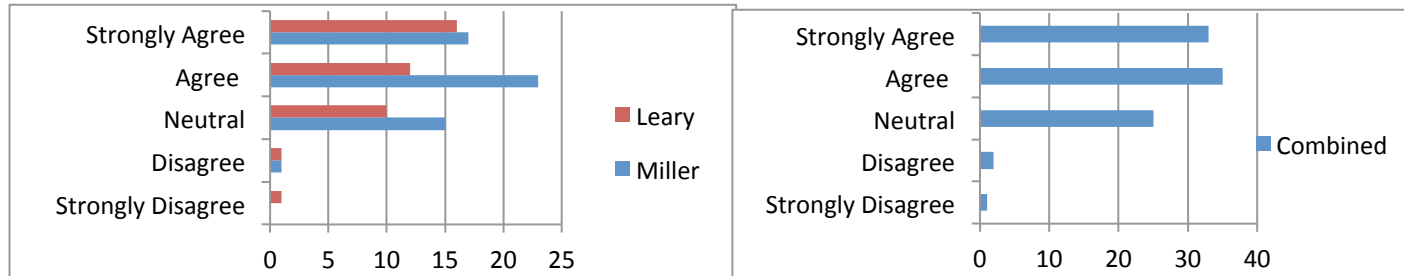
The online lecture videos were easily accessible.

Answer	Responses	Percentage of Responses
Strongly Disagree	2	2.08%
Disagree	4	4.17%
Neutral	21	21.88%
Agree	29	30.21%
Strongly Agree	40	41.67%



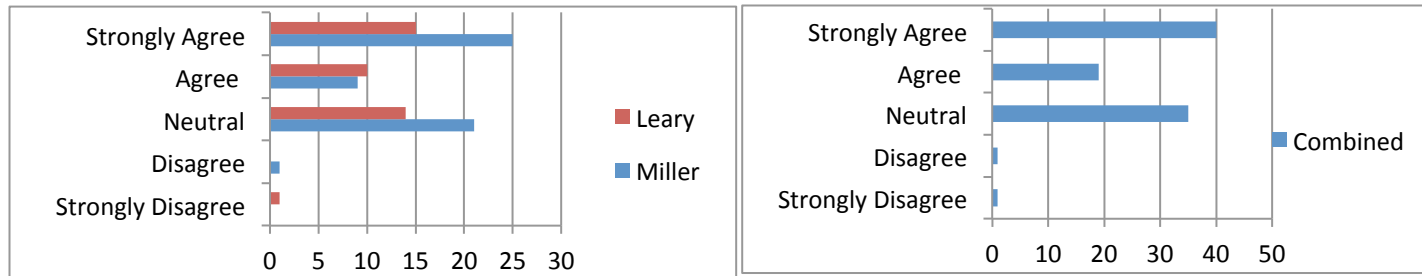
The quality of the audio and visual aspects of the lecture videos was acceptable.

Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.04%
Disagree	2	2.08%
Neutral	25	26.04%
Agree	35	36.46%
Strongly Agree	33	34.38%



The video navigation menu, which allowed users to skip to certain sections of the video, was useful.

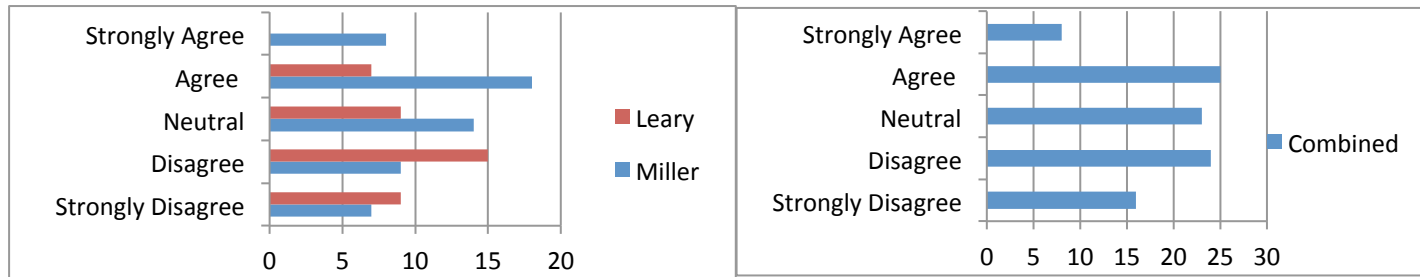
Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.04%
Disagree	1	1.04%
Neutral	35	36.46%
Agree	19	19.79%
Strongly Agree	40	41.67%



Twitter Warm-up Questions:

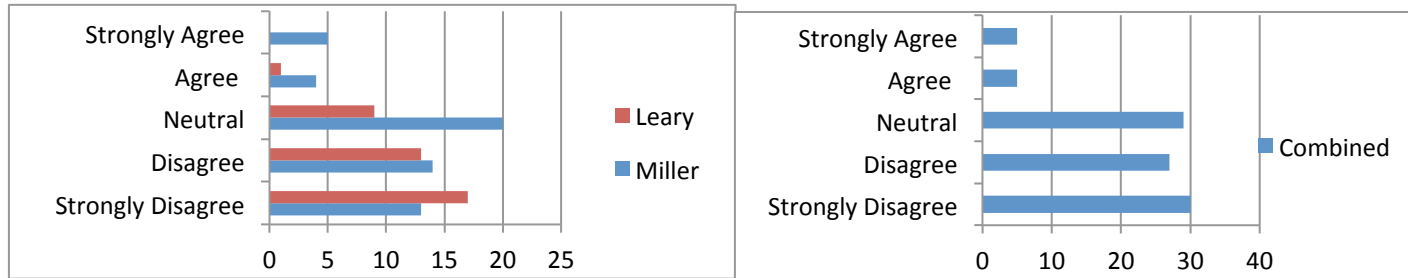
The Twitter warm-up questions helped get me into the right mindset to learn mathematics.

Answer	Responses	Percentage of Responses
Strongly Disagree	16	16.67%
Disagree	24	25.00%
Neutral	23	23.96%
Agree	25	26.04%
Strongly Agree	8	8.33%



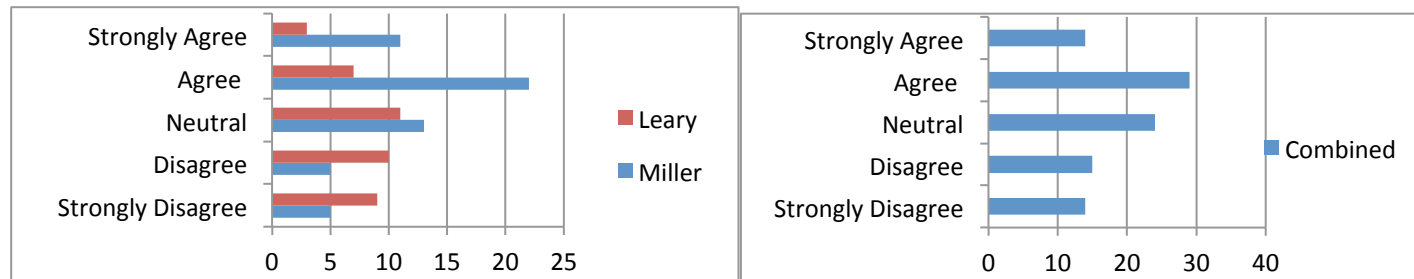
Twitter was an easy way for me to respond to warm-up questions.

Answer	Responses	Percentage of Responses
Strongly Disagree	30	31.25%
Disagree	27	28.13%
Neutral	29	30.21%
Agree	5	5.21%
Strongly Agree	5	5.21%



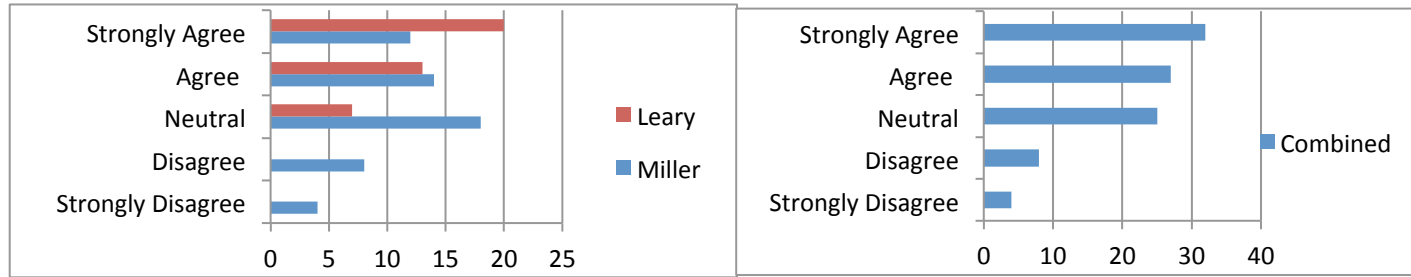
The Twitter warm-up questions helped me better understand the course concepts, even if I didn't respond.

Answer	Responses	Percentage of Responses
Strongly Disagree	14	14.58%
Disagree	15	15.63%
Neutral	24	25.00%
Agree	29	30.21%
Strongly Agree	14	14.58%



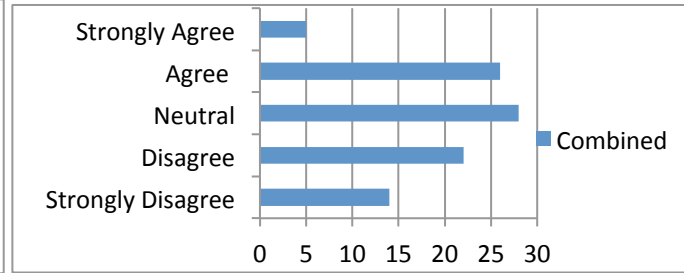
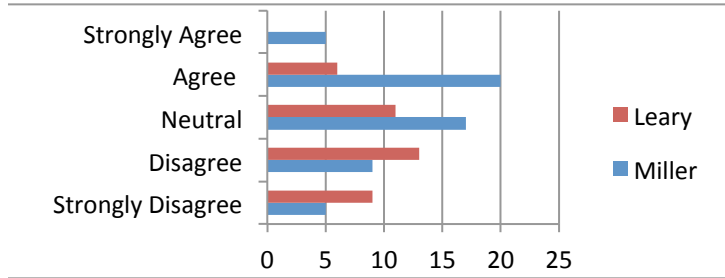
I didn't like using the Twitter response system.

Answer	Responses	Percentage of Responses
Strongly Disagree	4	4.17%
Disagree	8	8.33%
Neutral	25	26.04%
Agree	27	28.13%
Strongly Agree	32	33.33%



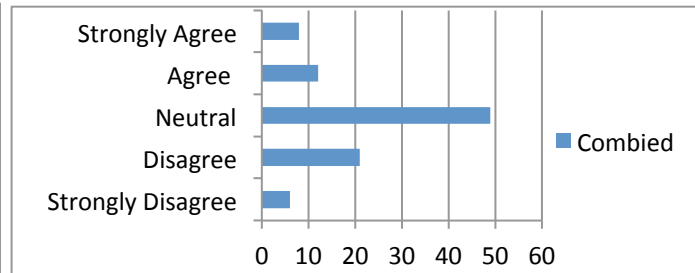
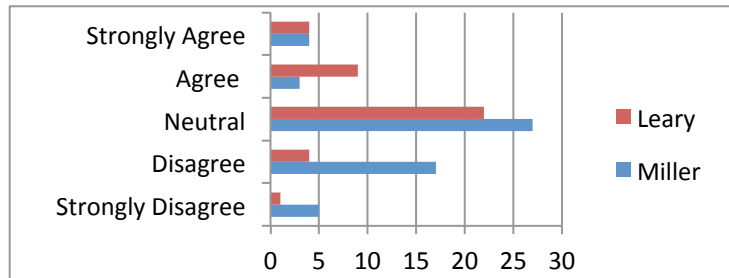
The Twitter warm-up questions made me feel more involved in the lecture.

Answer	Responses	Percentage of Responses
Strongly Disagree	14	14.74%
Disagree	22	23.16%
Neutral	28	29.47%
Agree	26	27.37%
Strongly Agree	5	5.26%



The Twitter system was unreliable.

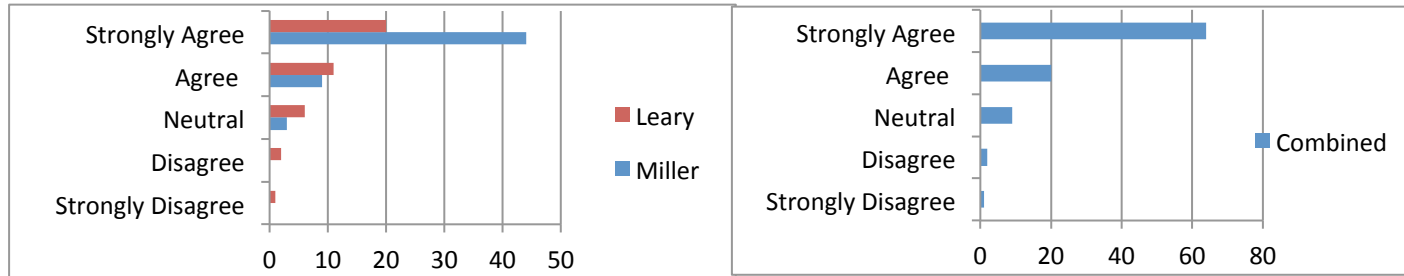
Answer	Responses	Percentage of Responses
Strongly Disagree	6	6.25%
Disagree	21	21.88%
Neutral	49	51.04%
Agree	12	12.50%
Strongly Agree	8	8.33%



Overall Satisfaction:

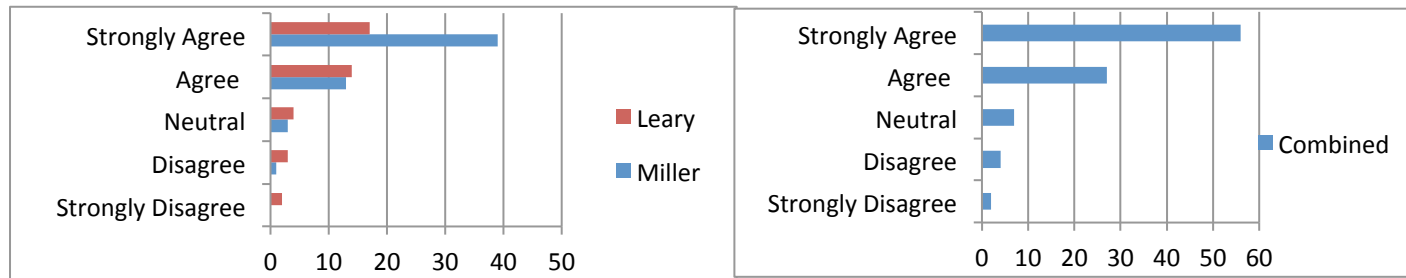
For my next math course, if I was given the choice, I would choose to take the technology-enhanced section.

Answer	Responses	Percentage of Responses
Strongly Disagree	1	1.04%
Disagree	2	2.08%
Neutral	9	9.38%
Agree	20	20.83%
Strongly Agree	64	66.67%



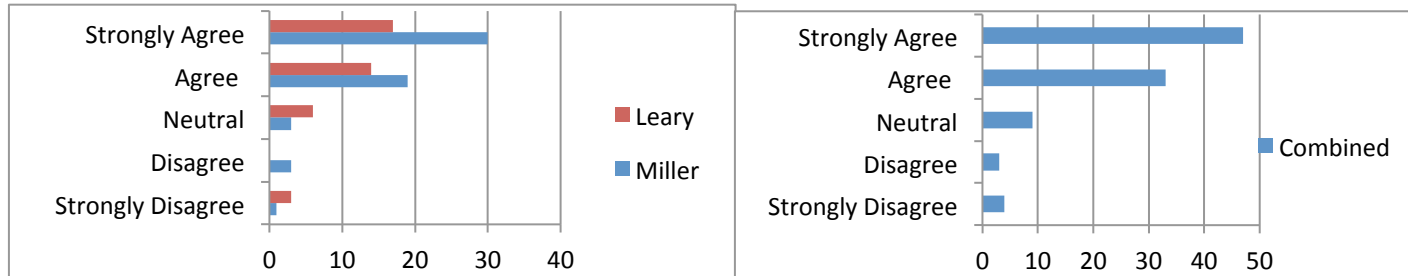
Overall, the technology allowed me to better understand calculus.

Answer	Responses	Percentage of Responses
Strongly Disagree	2	2.08%
Disagree	4	4.17%
Neutral	7	7.29%
Agree	27	28.13%
Strongly Agree	56	58.33%



I have a favorable opinion of the OSU math department after taking this math course.

Answer	Responses	Percentage of Responses
Strongly Disagree	4	4.17%
Disagree	3	3.13%
Neutral	9	9.38%
Agree	33	34.38%
Strongly Agree	47	48.96%



If the math department offers a technology enhanced version of this course in the future, which components should it incorporate in that course?

Answer	Responses	Percentage of Responses
Symposium	86	89.58%
Pre-Class Lecture Slides	71	73.96%
Post-Class Lecture Slides	84	87.50%
Interactive Figures	55	57.29%
Online Lecture Videos	74	77.08%
Twitter Warm-up Questions	22	22.92%

