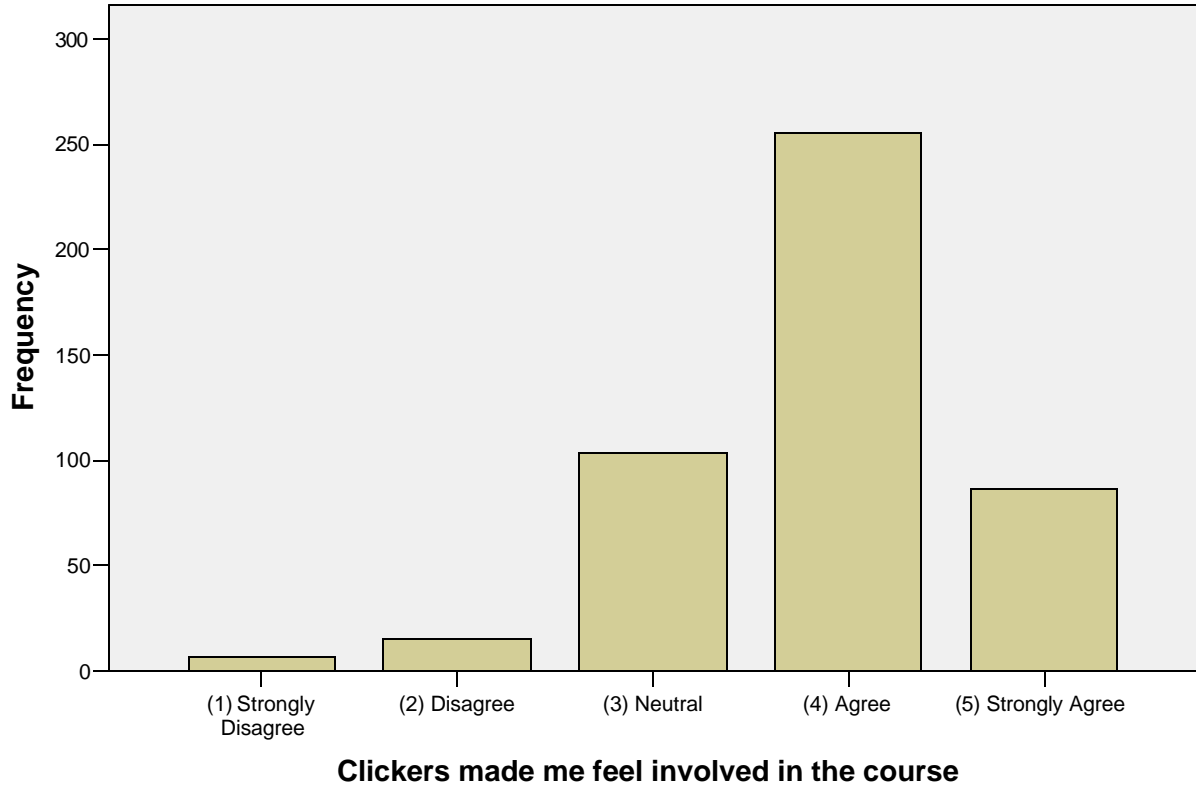


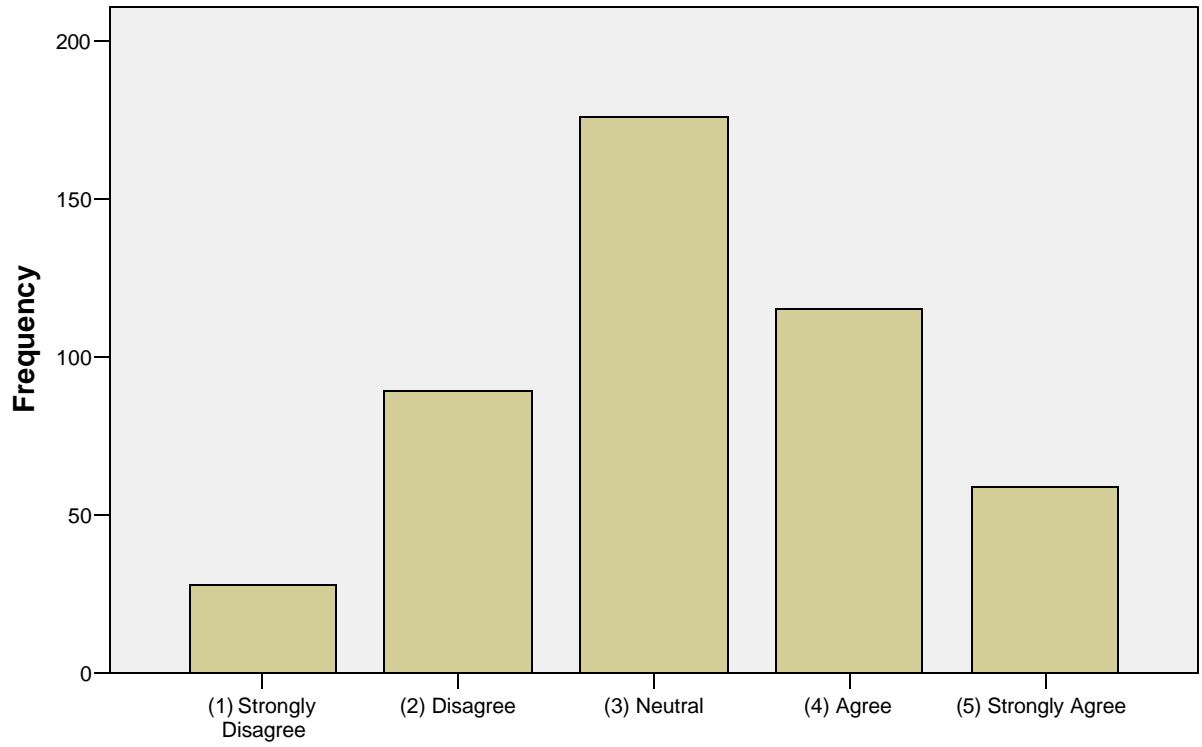
Please note that the data below is descriptive and has been developed prior to factor analyses, reliability testing, and reverse coding. Please forward any questions to tjoosten@uwm.edu.

UWO Descriptive Stats: Frequency Bar Chart

Clickers made me feel involved in the course

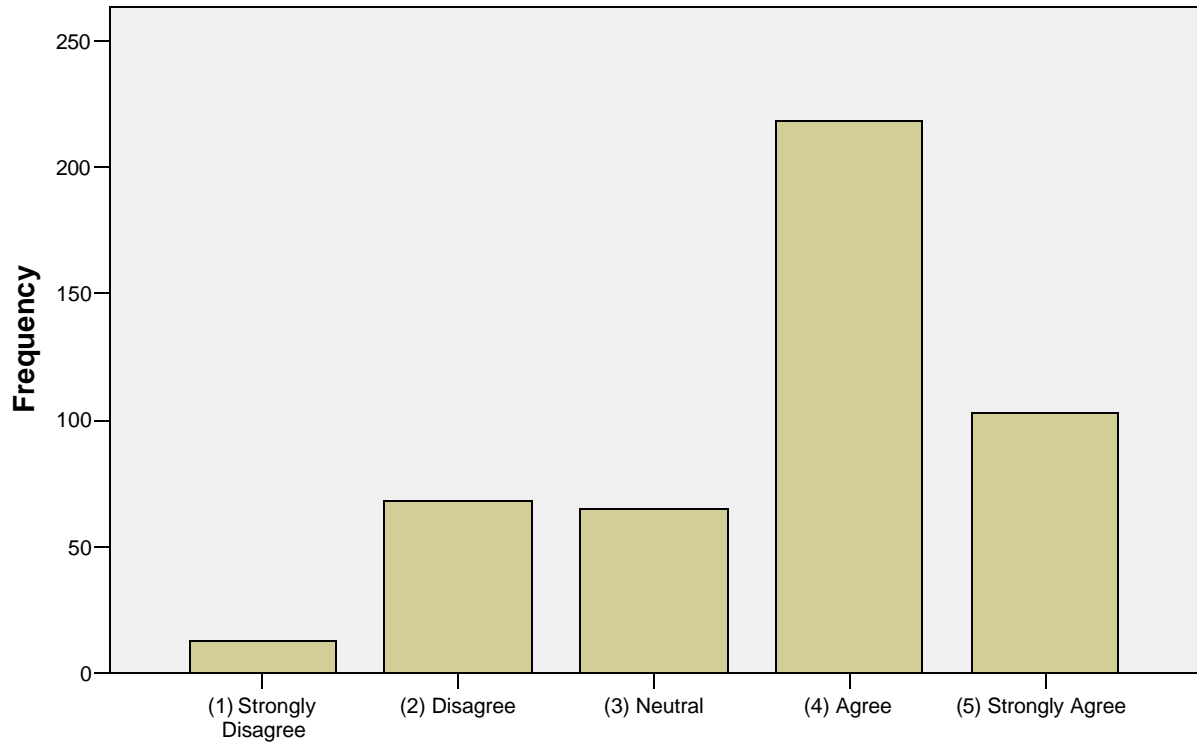


The clicker was too expensive for what I got out of it



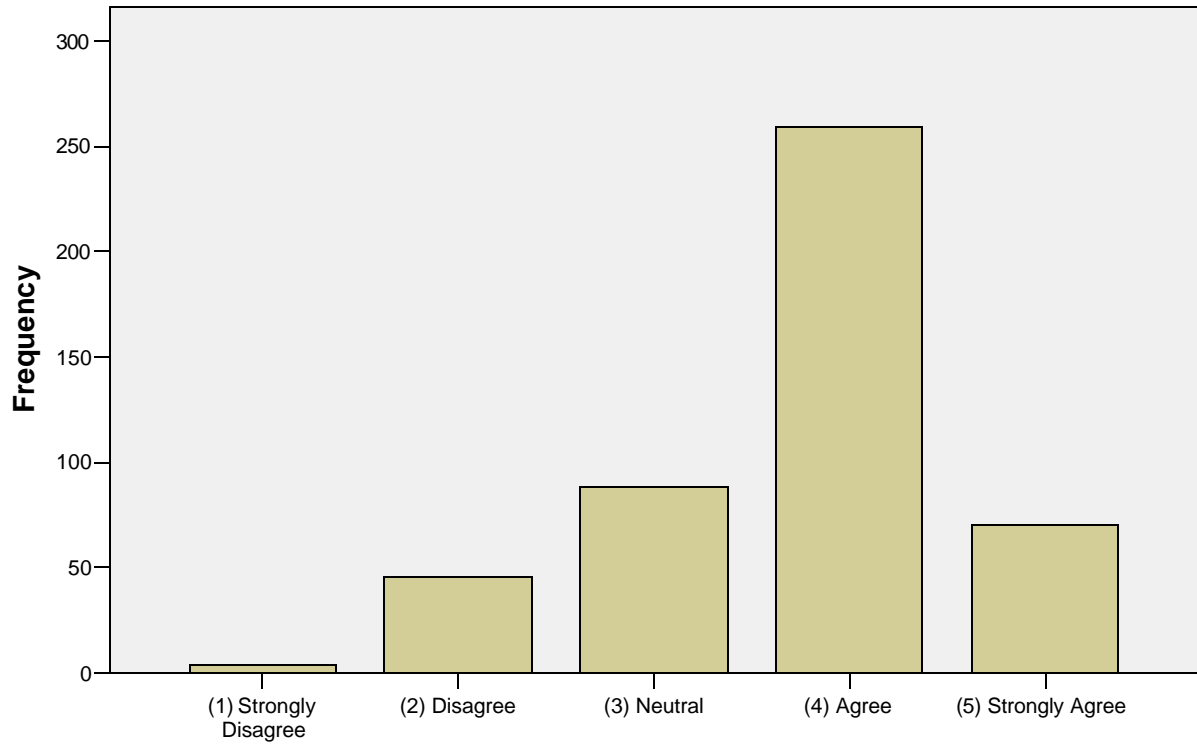
The clicker was too expensive for what I got out of it

I had no problems using the clickers



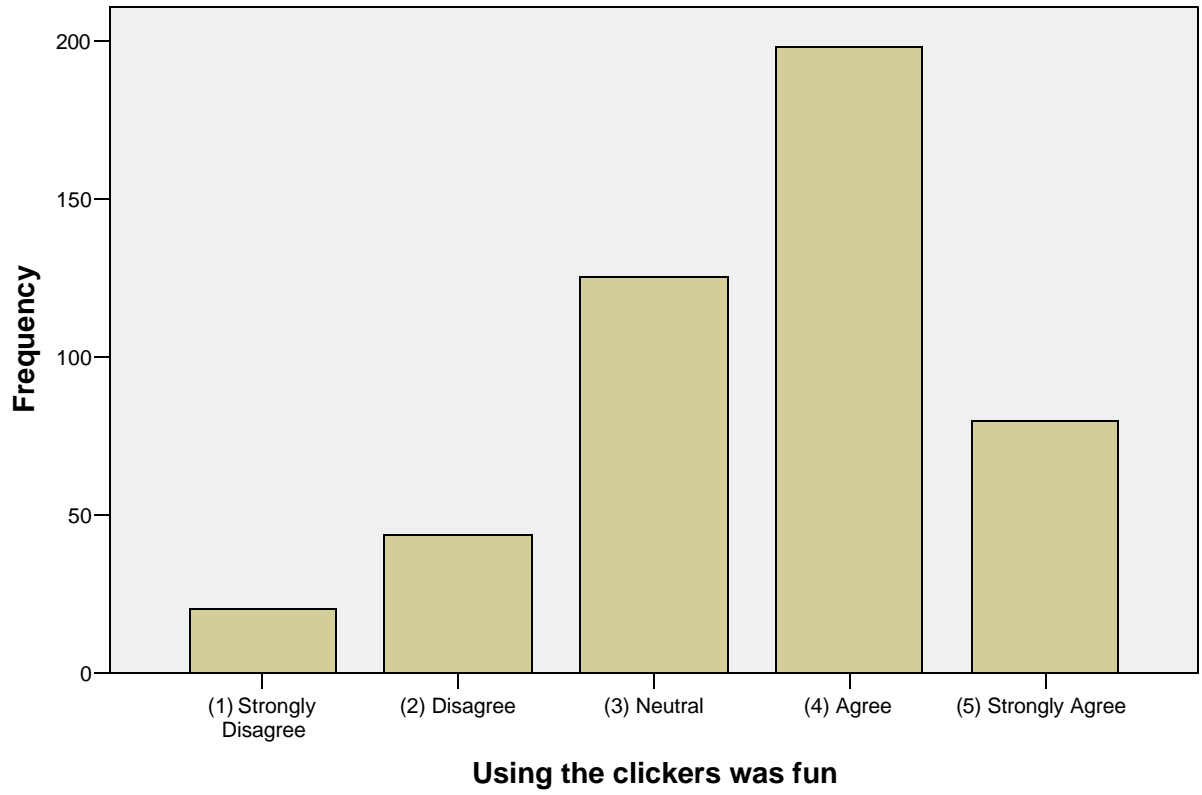
I had no problems using the clickers

The introductory explanations on how to use the clicker were sufficient

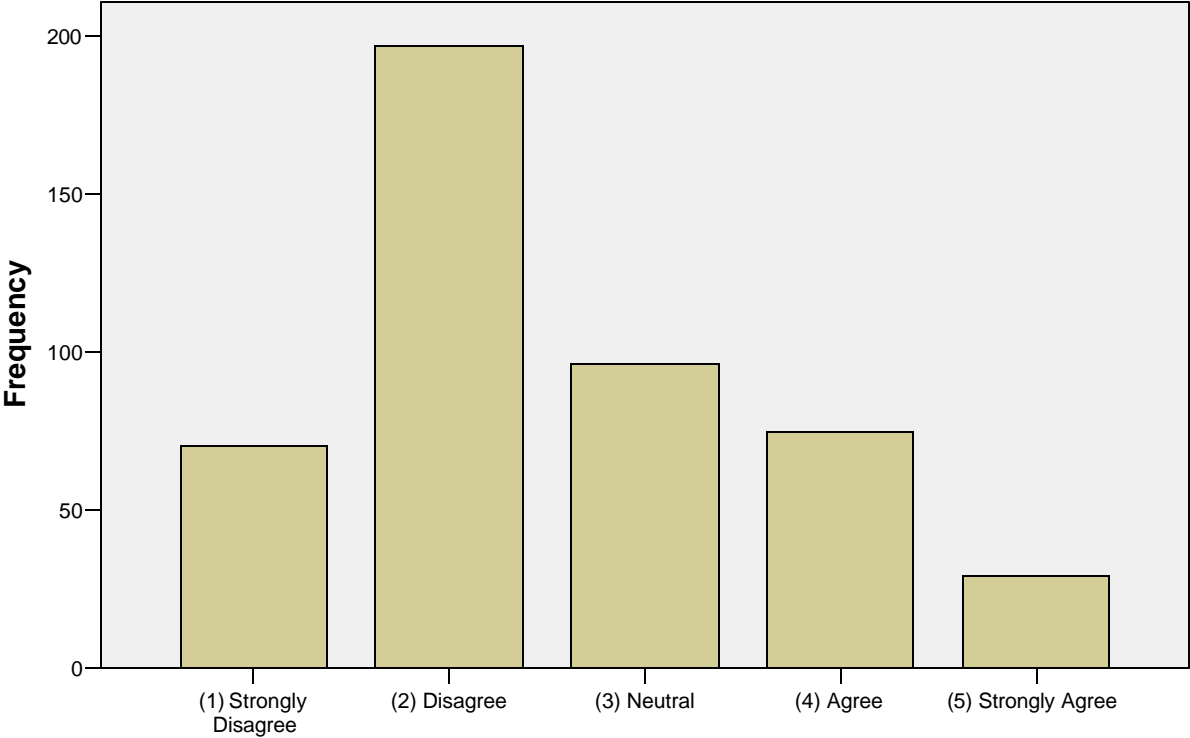


The introductory explanations on how to use the clicker were sufficient

Using the clickers was fun

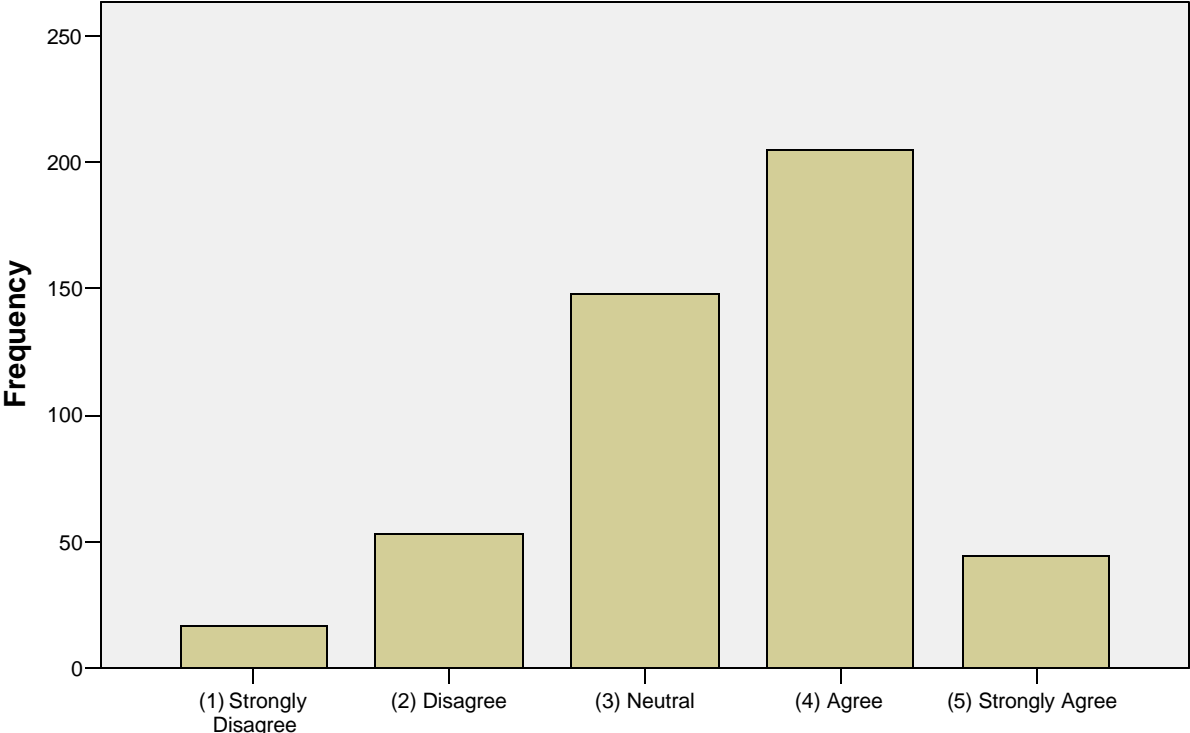


I was never certain that my clicker response was received by the system



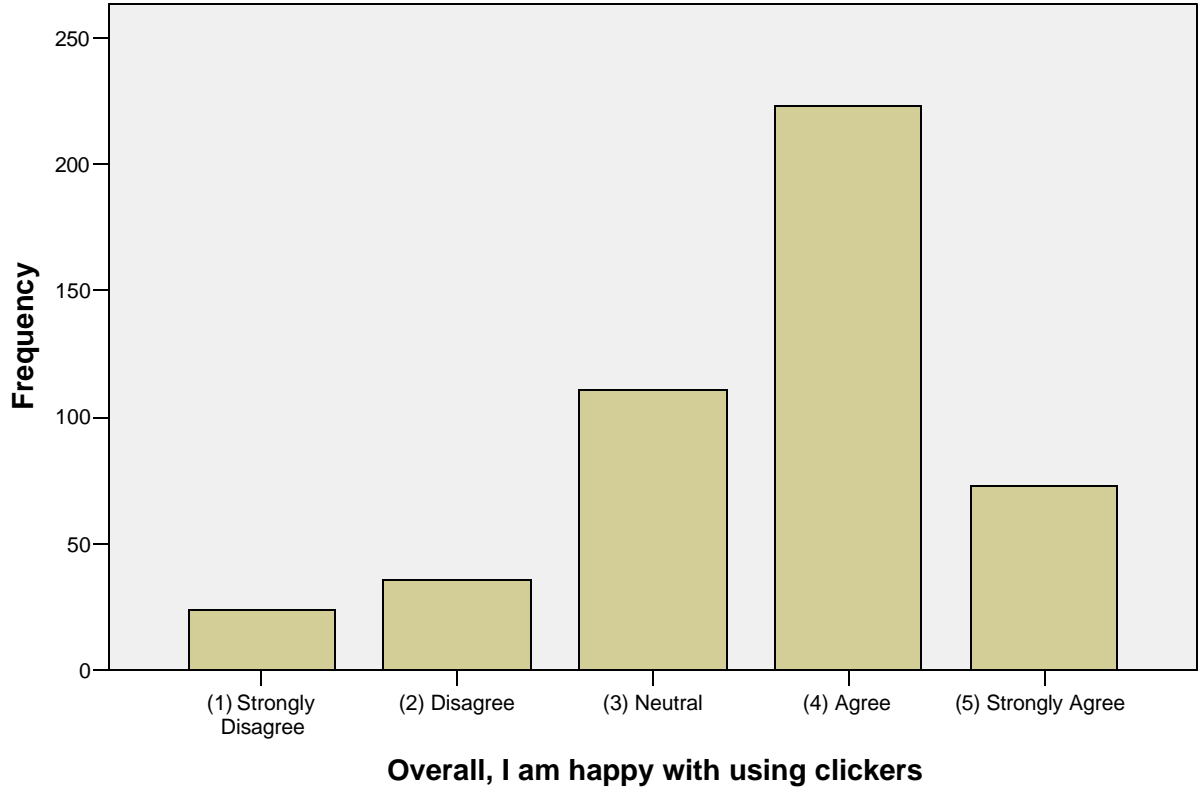
I was never certain that my clicker response was received by the system

Clickers have been beneficial to my learning

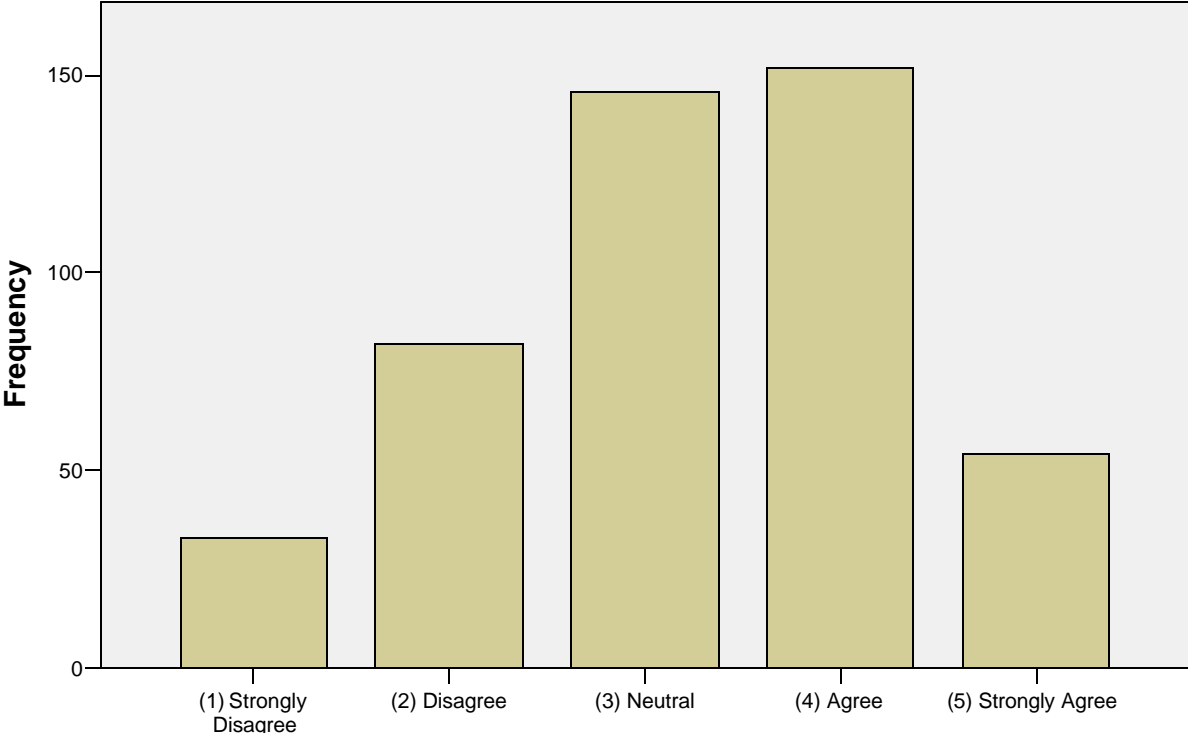


Clickers have been beneficial to my learning

Overall, I am happy with using clickers

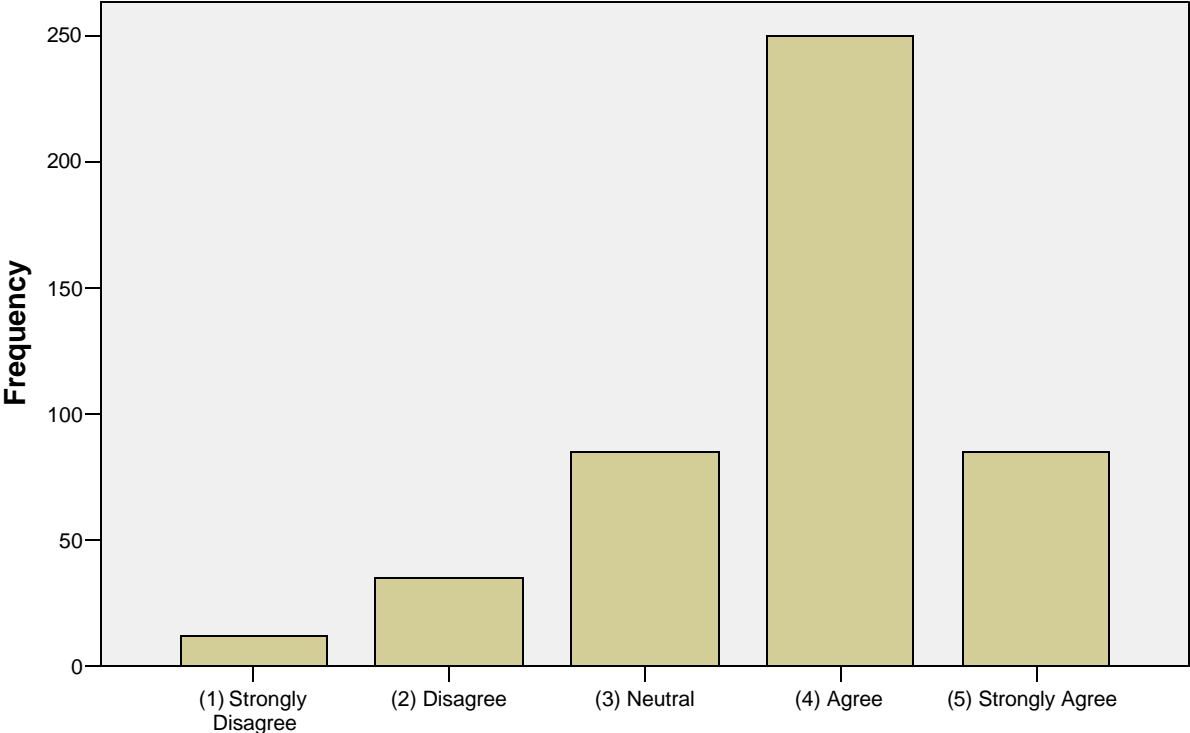


Using the clickers helped me get a better grade in this class



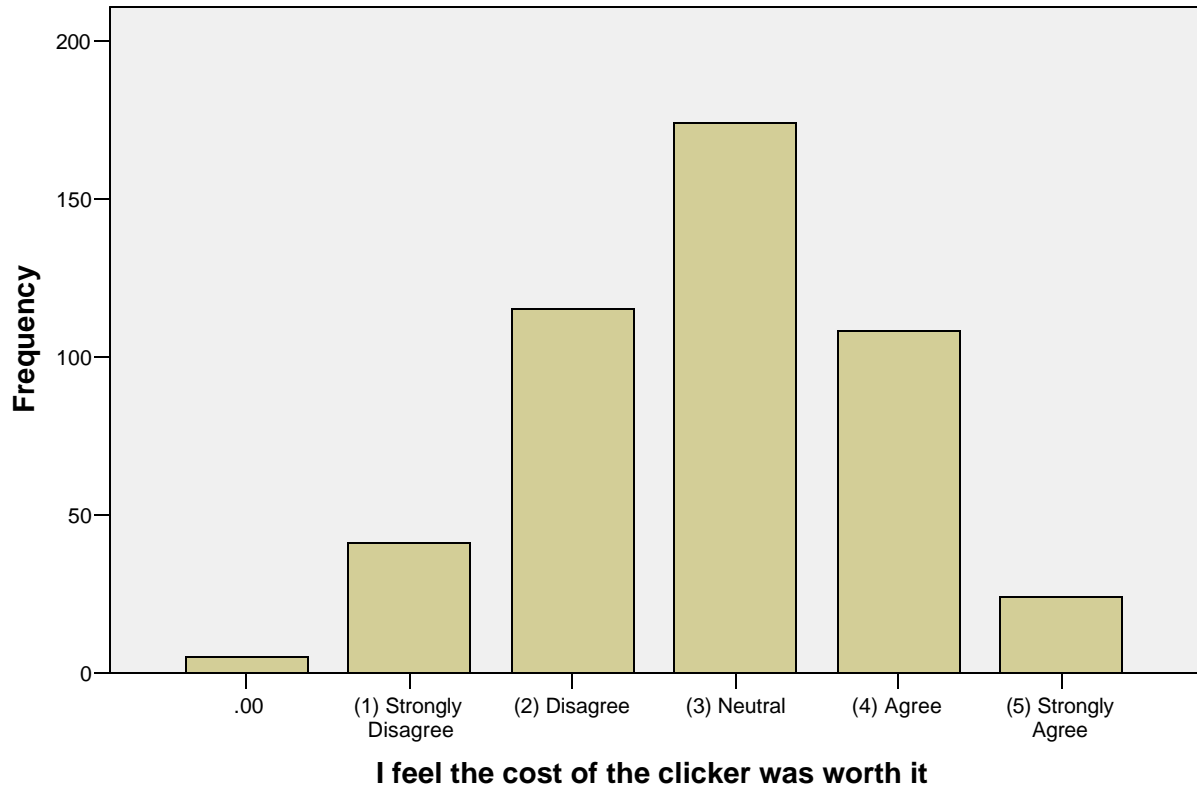
Using the clickers helped me get a better grade in this class

Clickers led me to become engaged in class

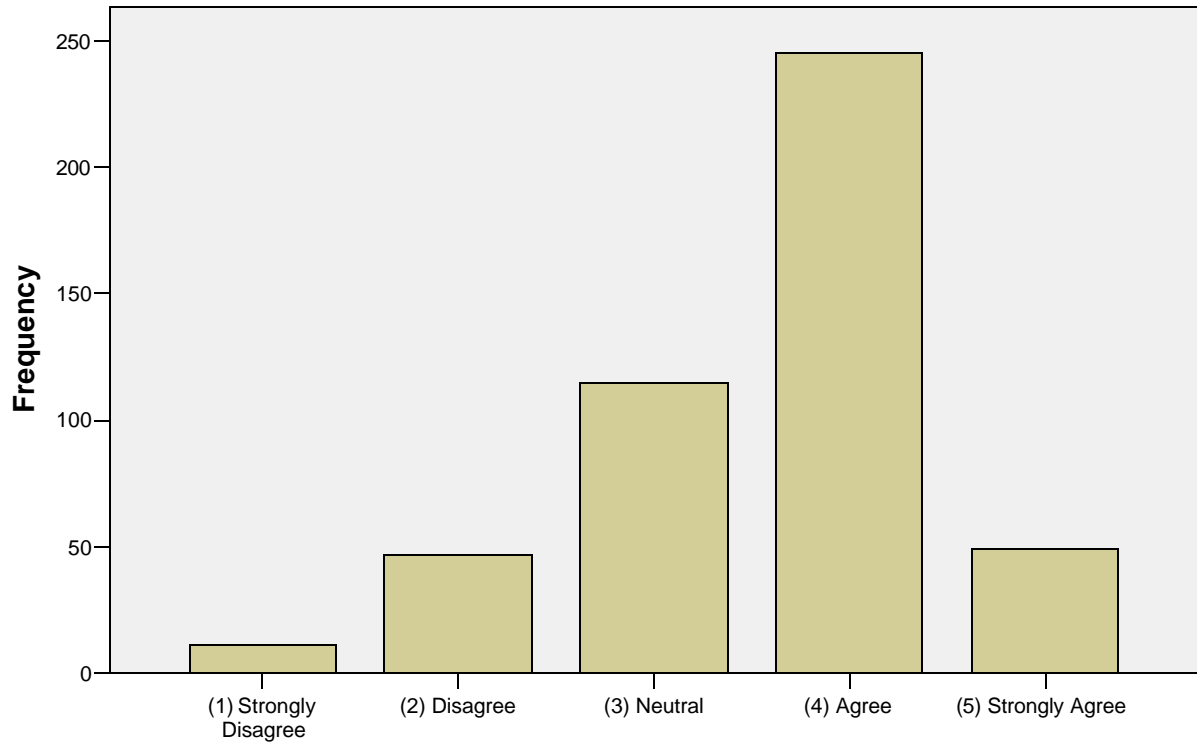


Clickers led me to become engaged in class

I feel the cost of the clicker was worth it

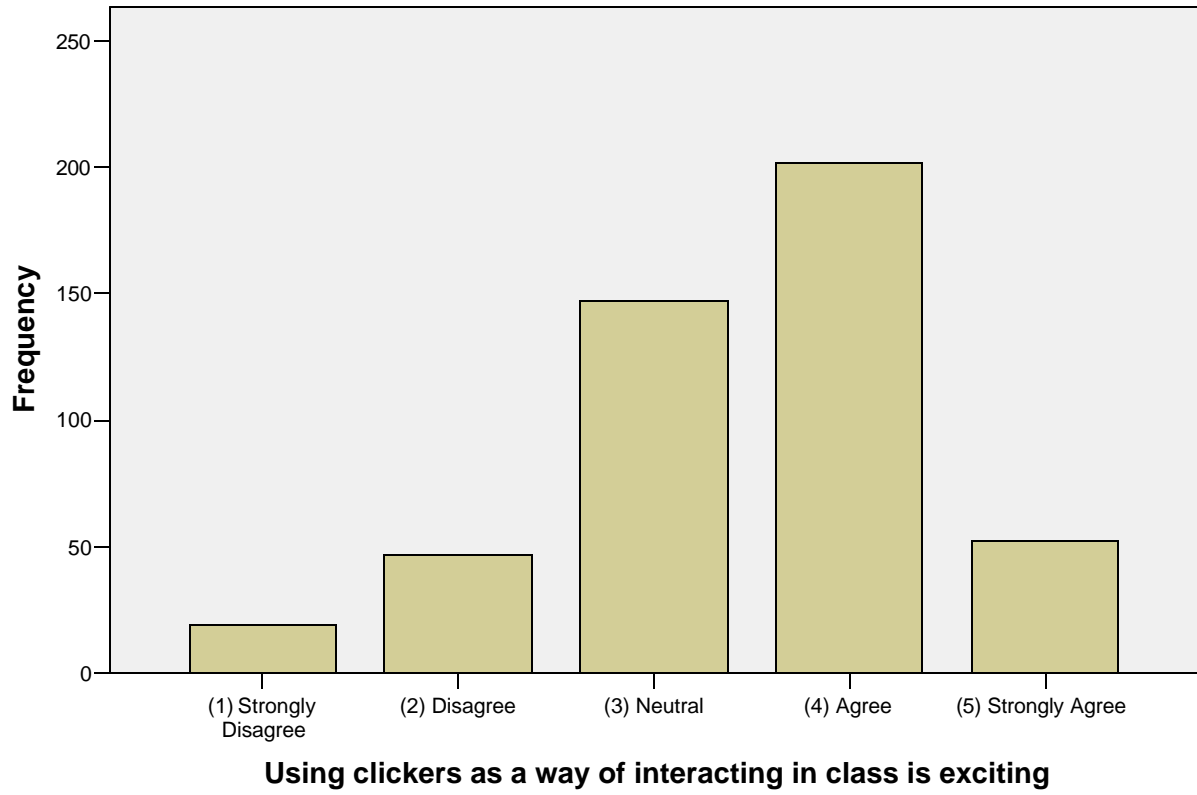


The introductory explanations on how to use the clicker were clear

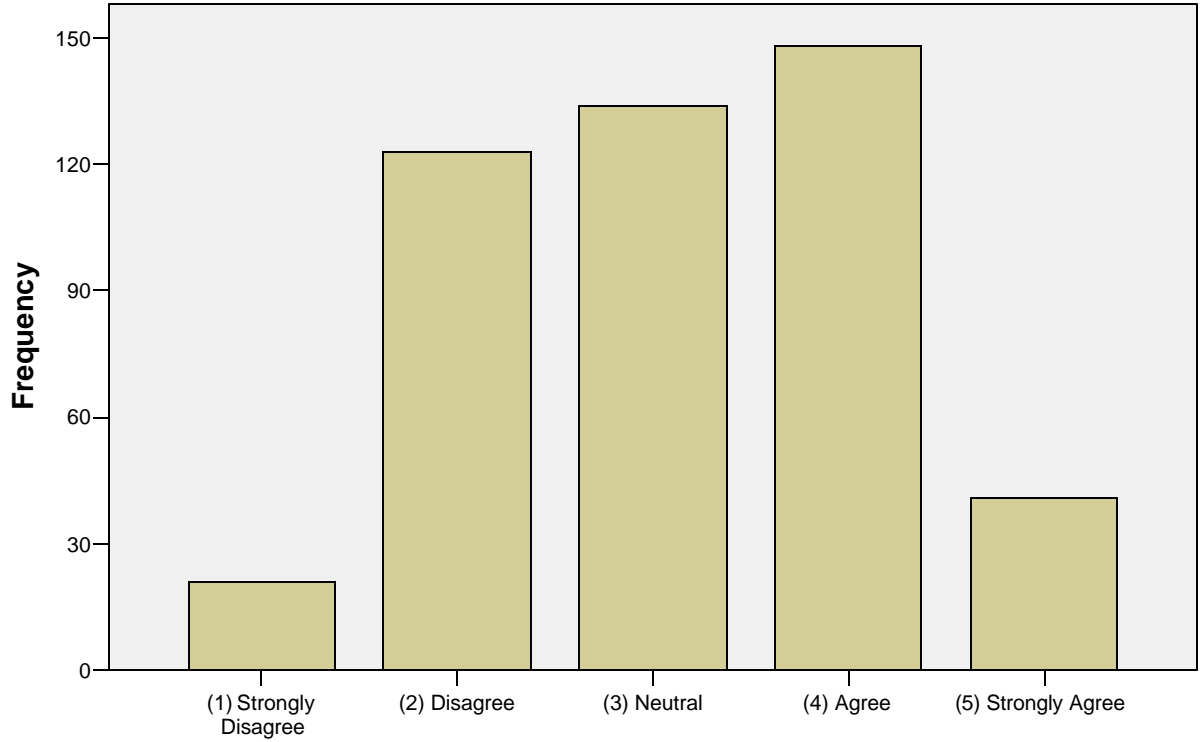


The introductory explanations on how to use the clicker were clear

Using clickers as a way of interacting in class is exciting

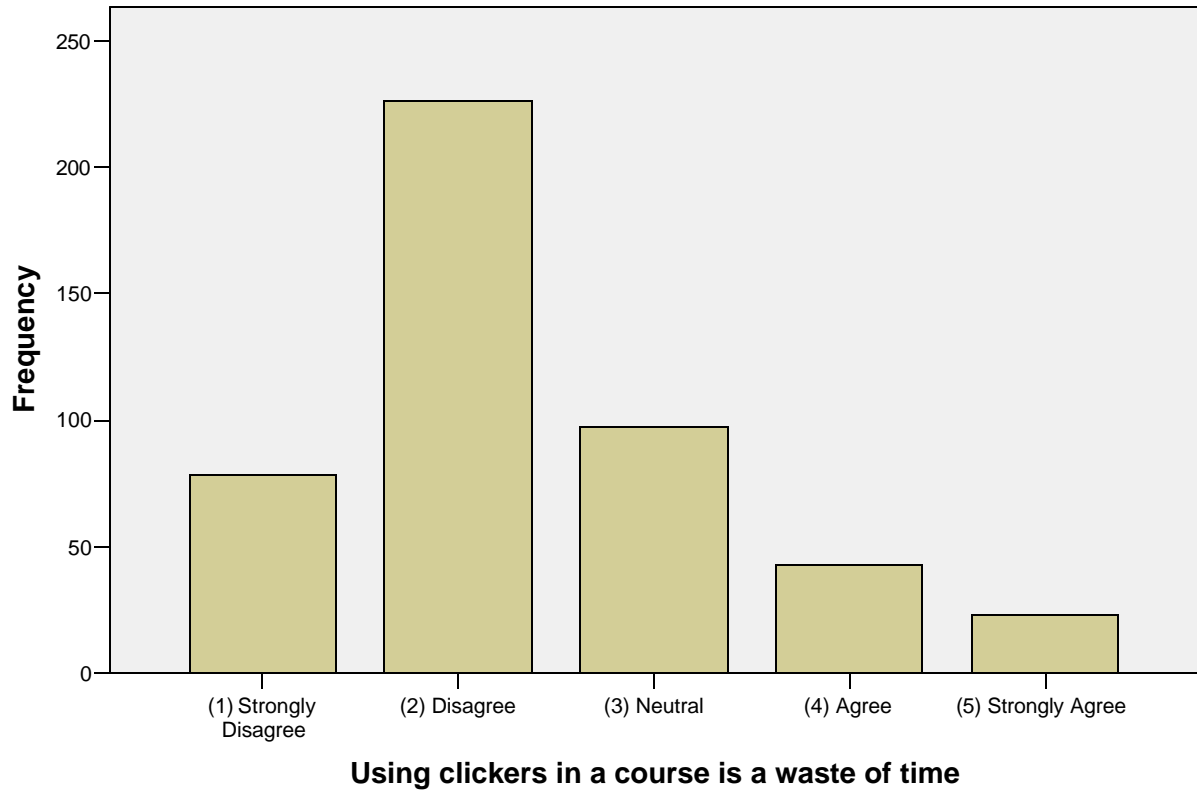


Having to use clickers had no effect on how I answered the questions

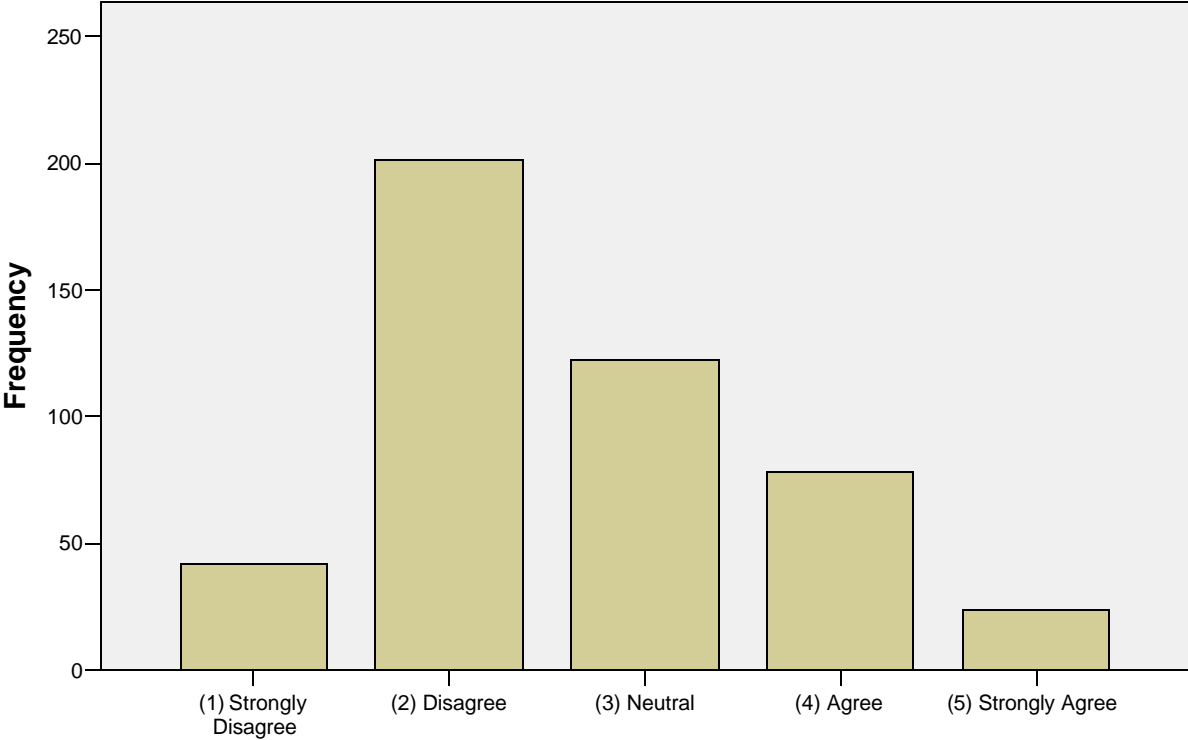


Having to use clickers had no effect on how I answered the questions

Using clickers in a course is a waste of time

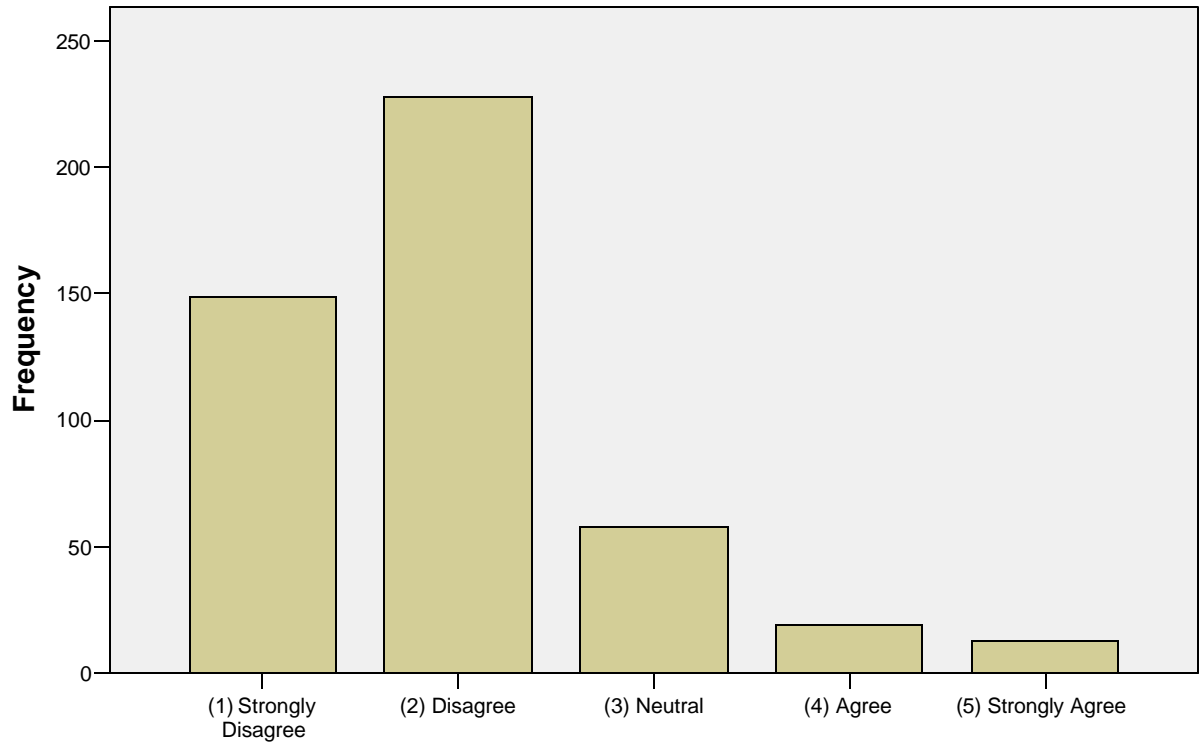


Clickers had little impact on my learning



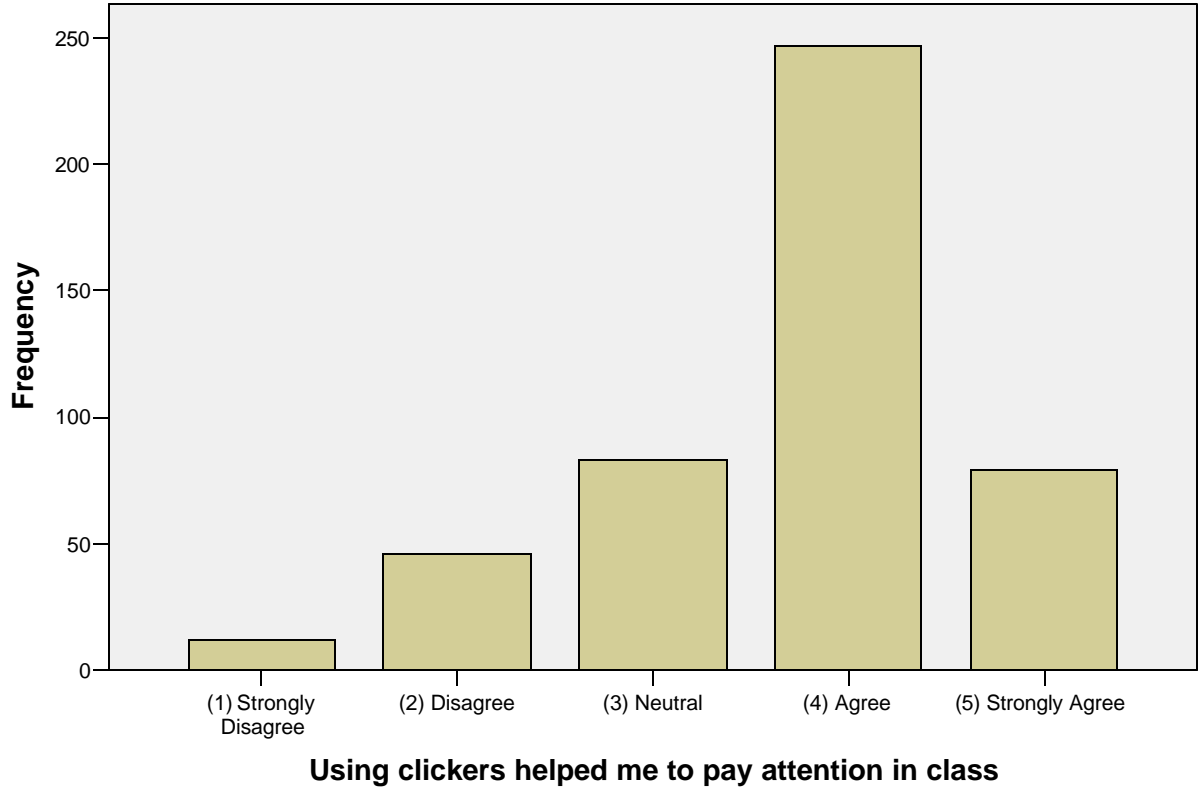
Clickers had little impact on my learning

Clickers made it difficult for me to get a good grade in this class

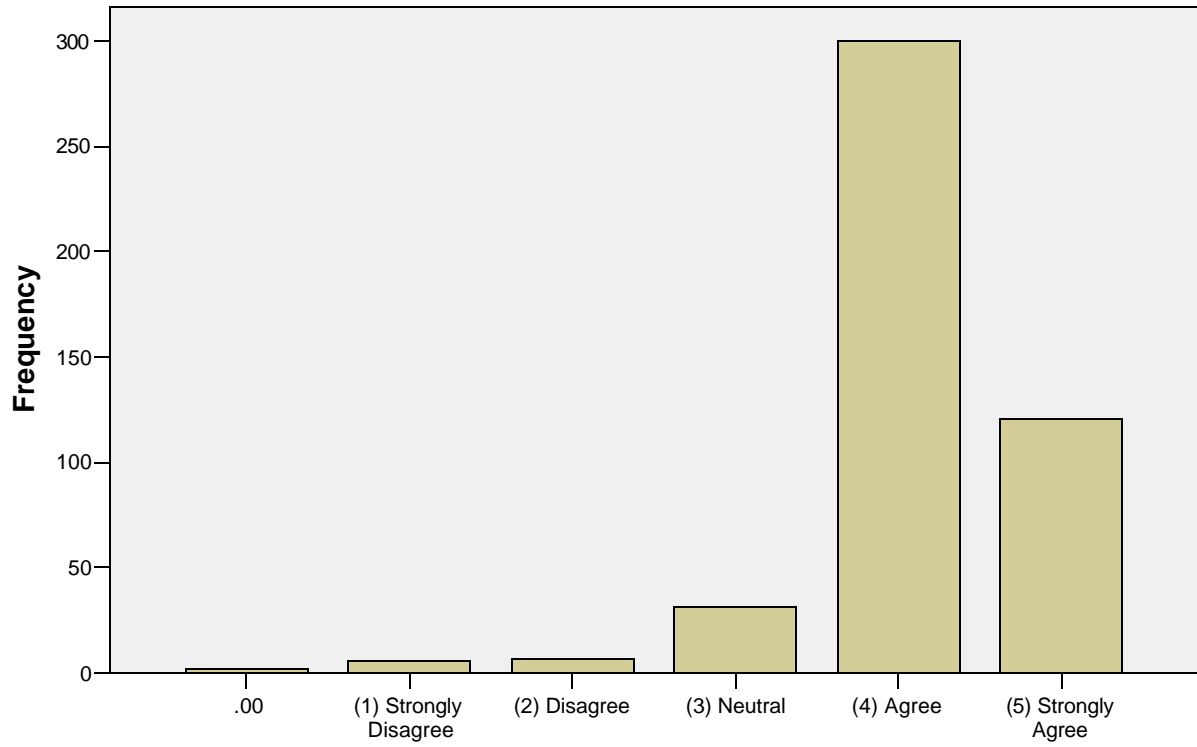


Clickers made it difficult for me to get a good grade in this class

Using clickers helped me to pay attention in class

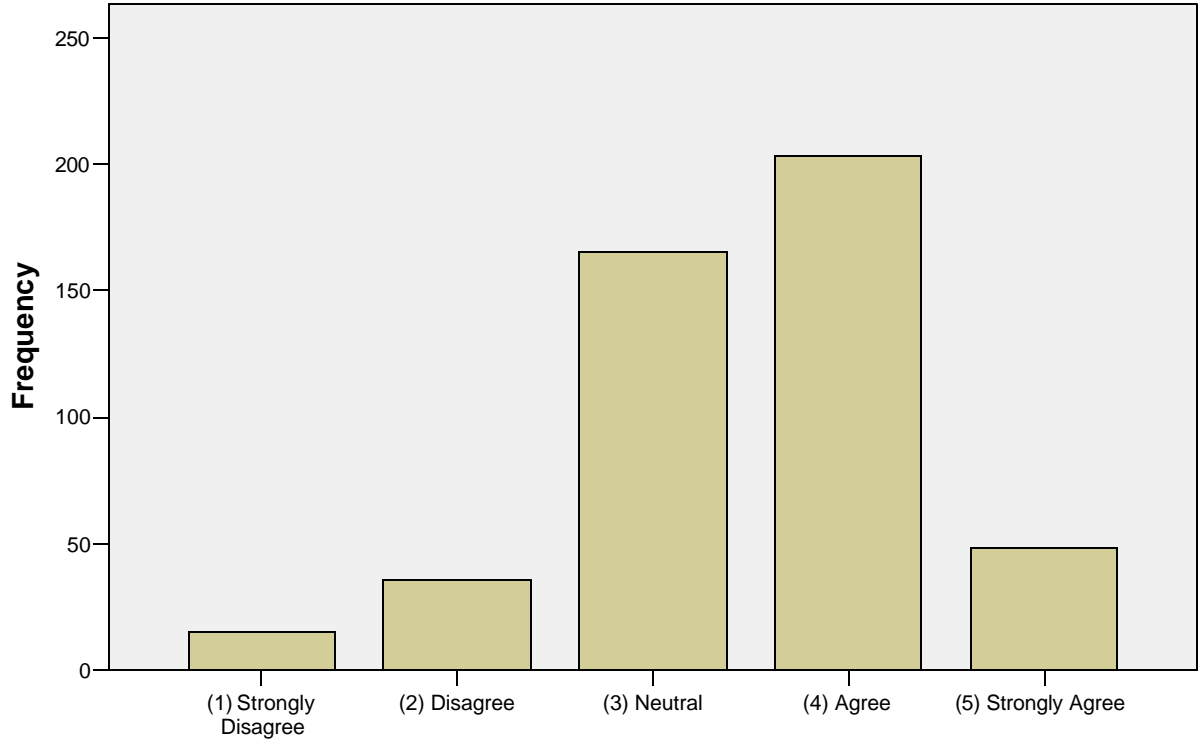


It was easy to purchase my clicker at the bookstore



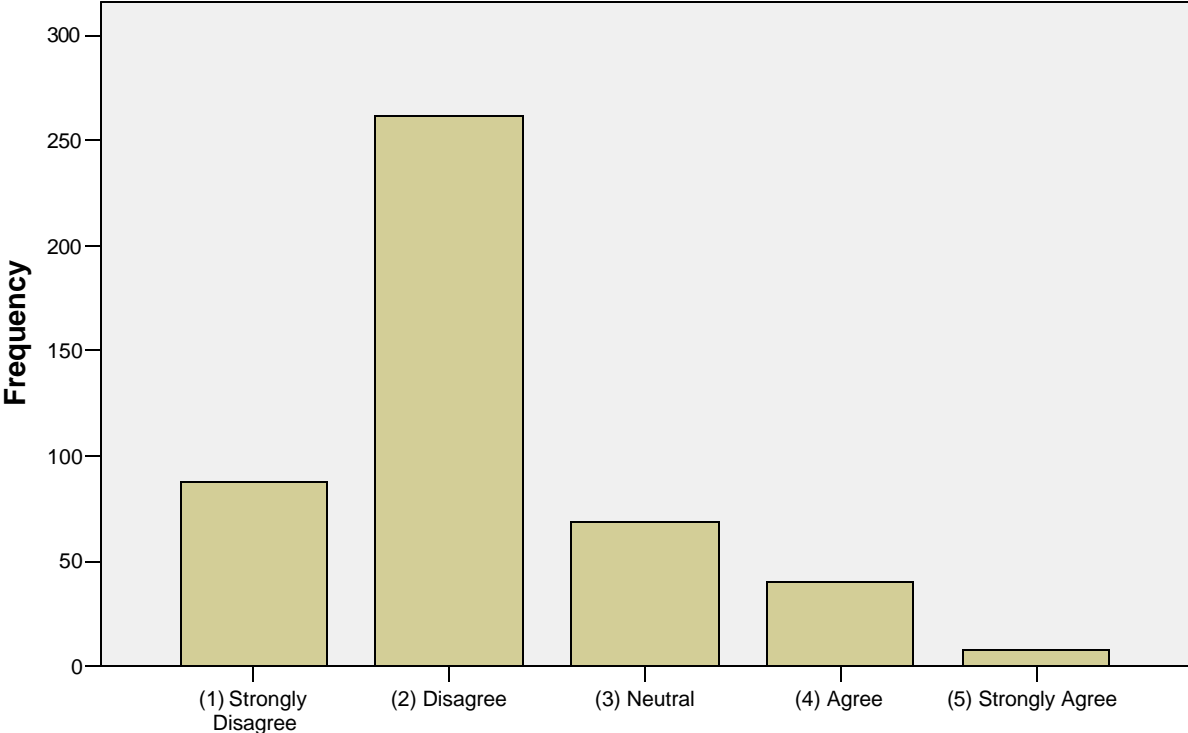
It was easy to purchase my clicker at the bookstore

My instructor/TA was able to answer my questions about my clicker



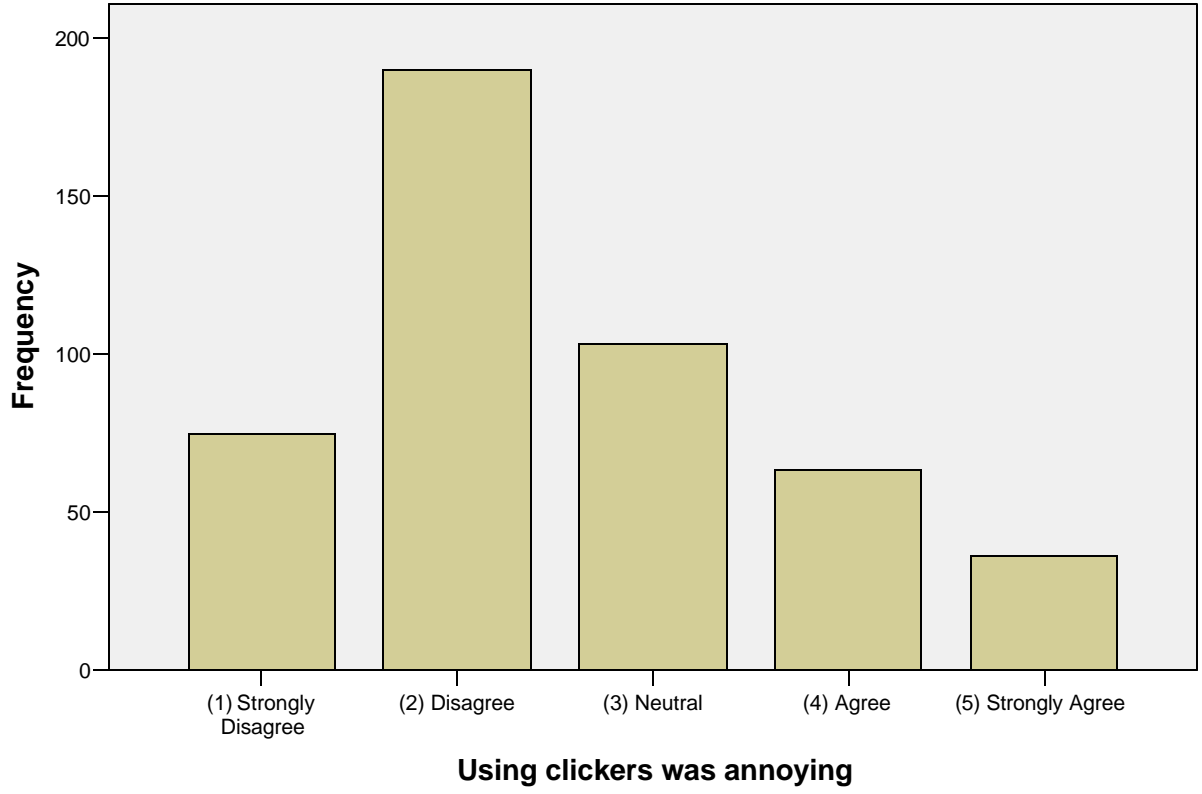
My instructor/TA was able to answer my questions about my clicker

After the introduction, I still wasn't sure how to use the clicker

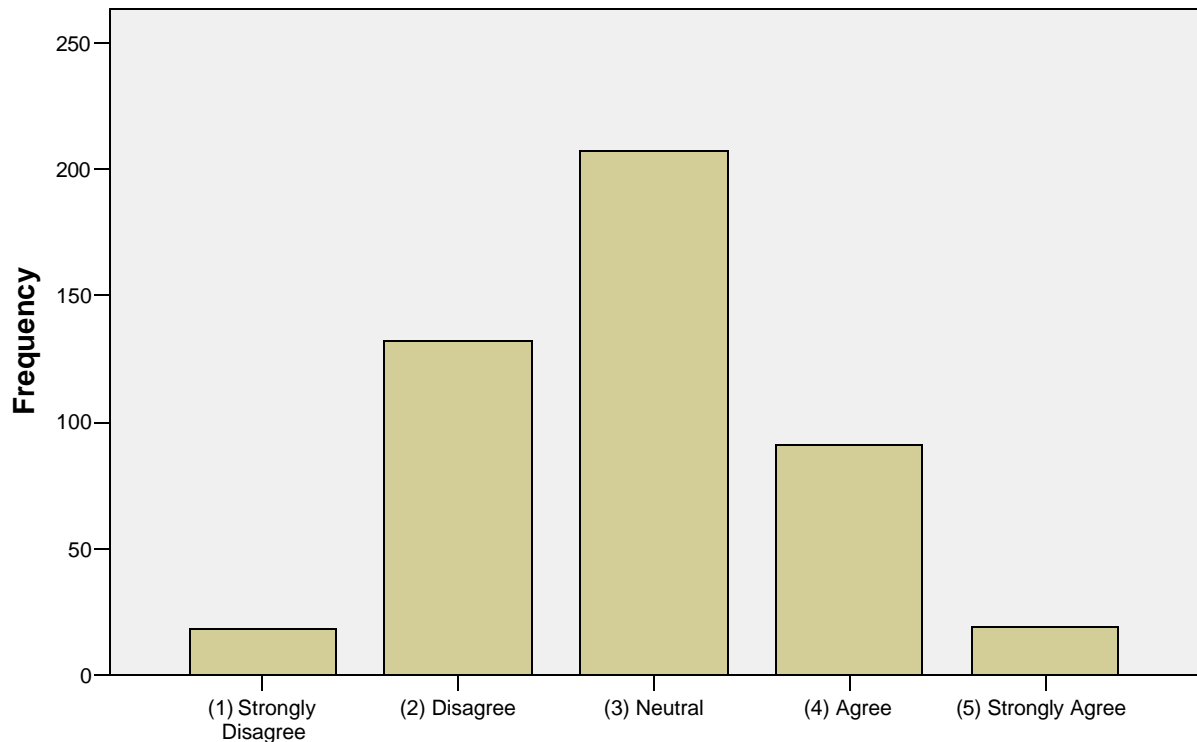


After the introduction, I still wasn't sure how to use the clicker

Using clickers was annoying

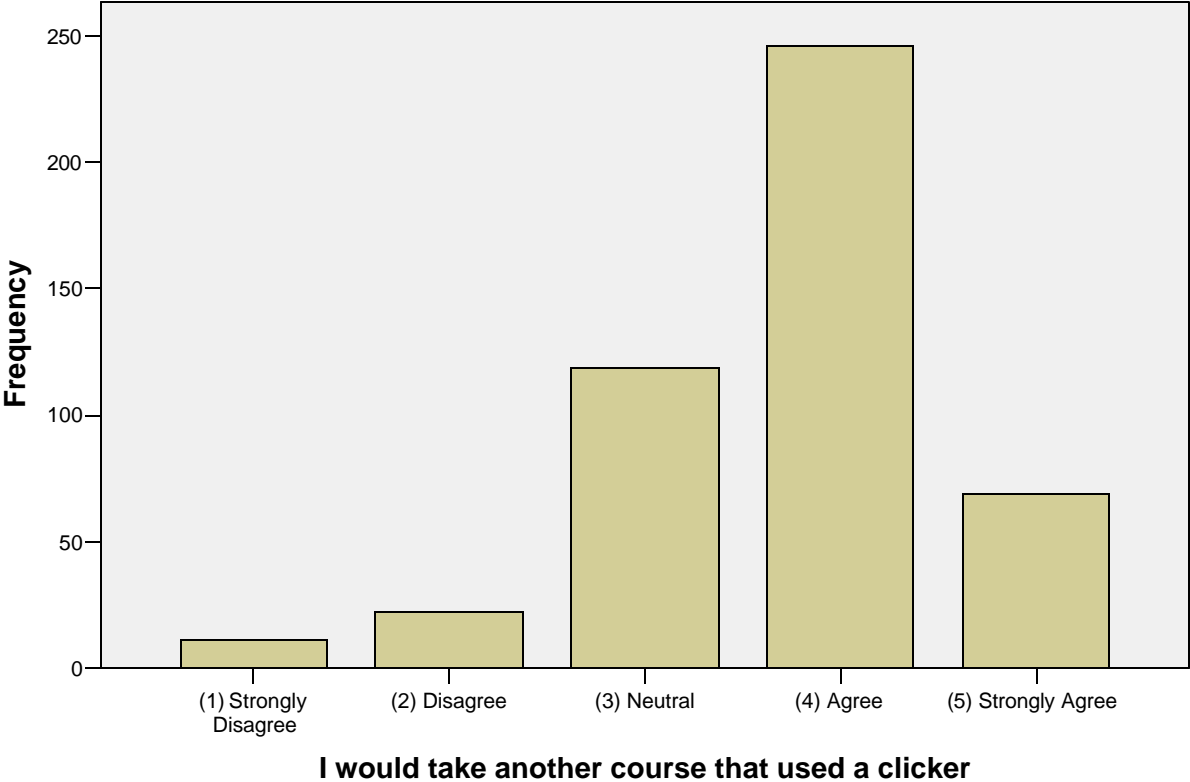


I never thought about the clickers while answering questions

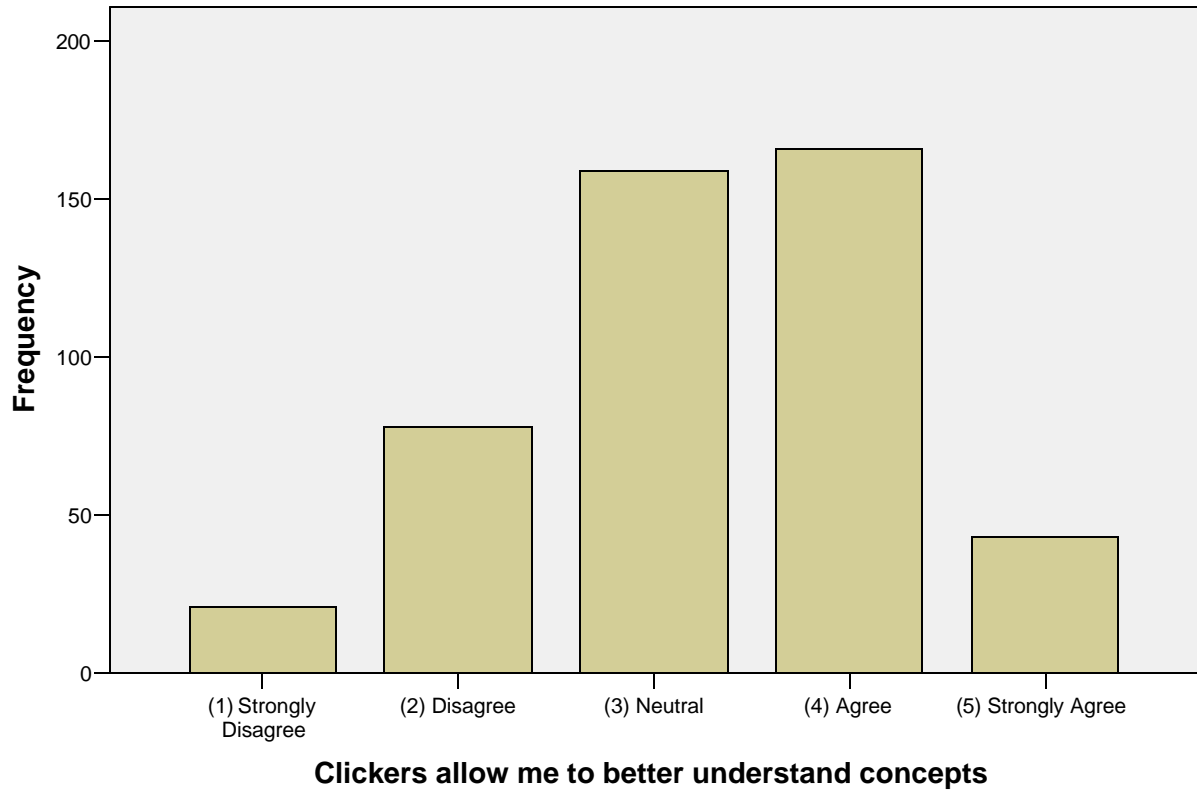


I never thought about the clickers while answering questions

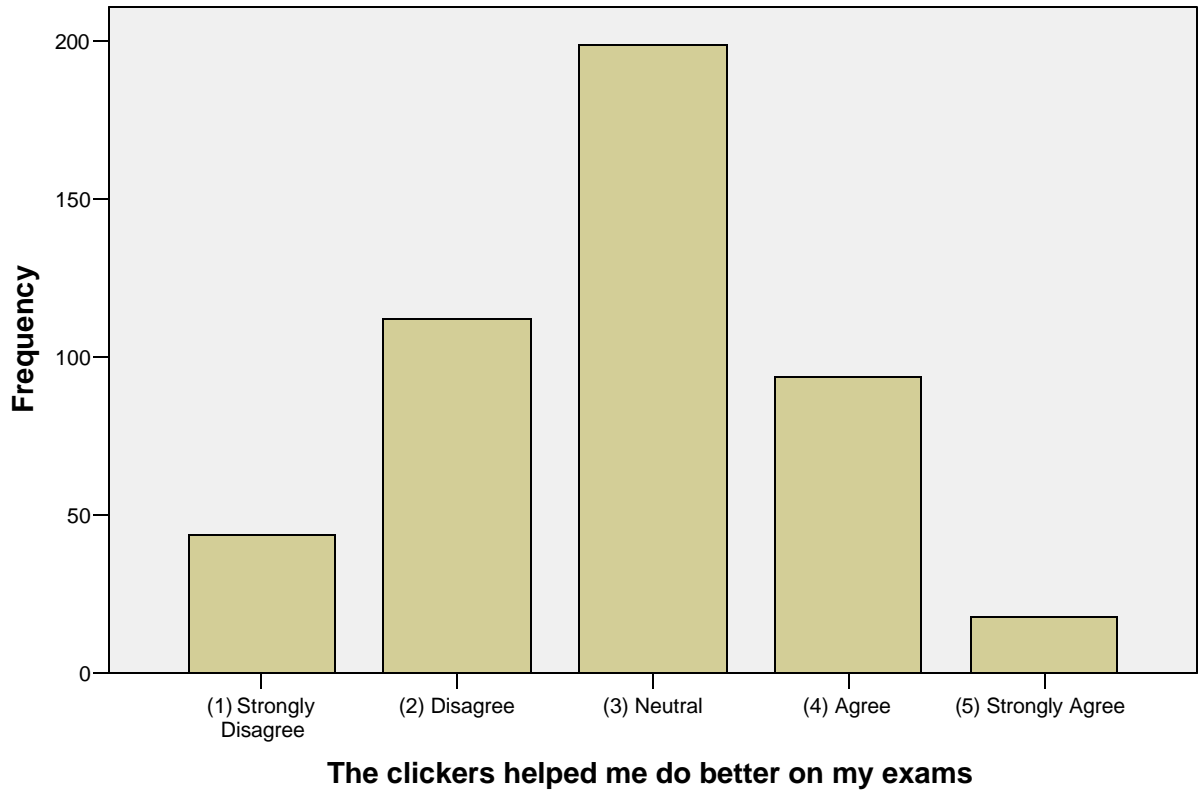
I would take another course that used a clicker



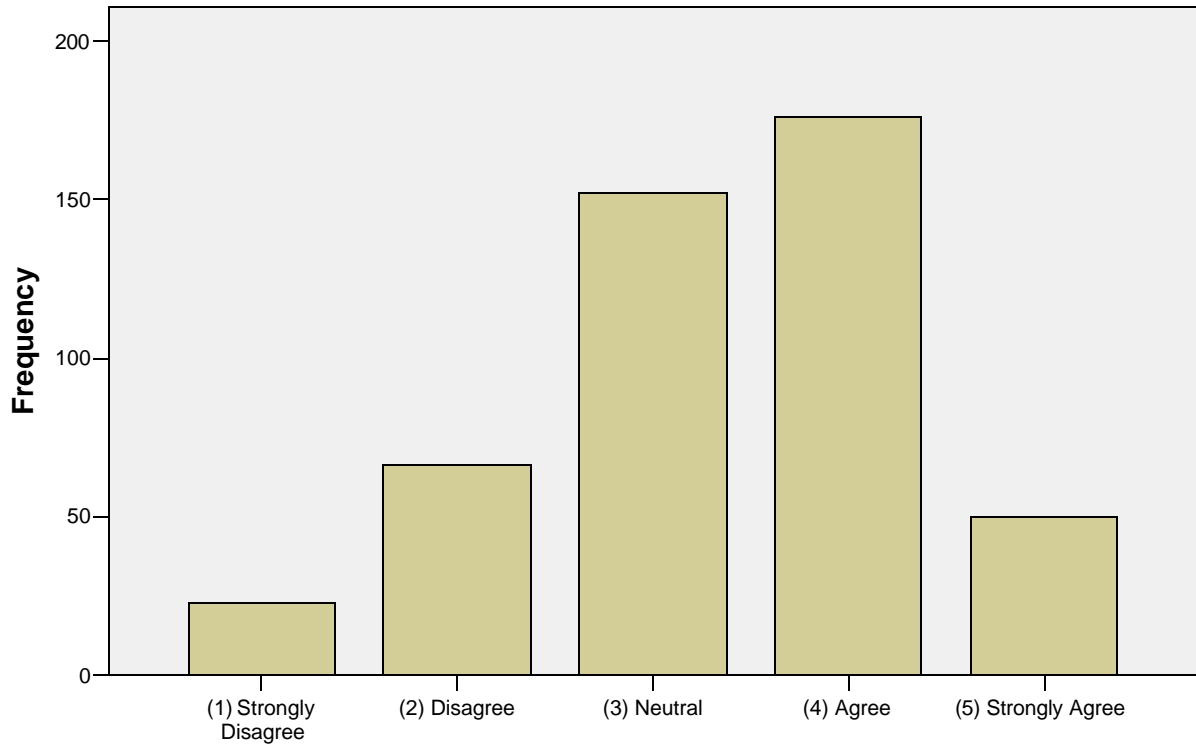
Clickers allow me to better understand concepts



The clickers helped me do better on my exams

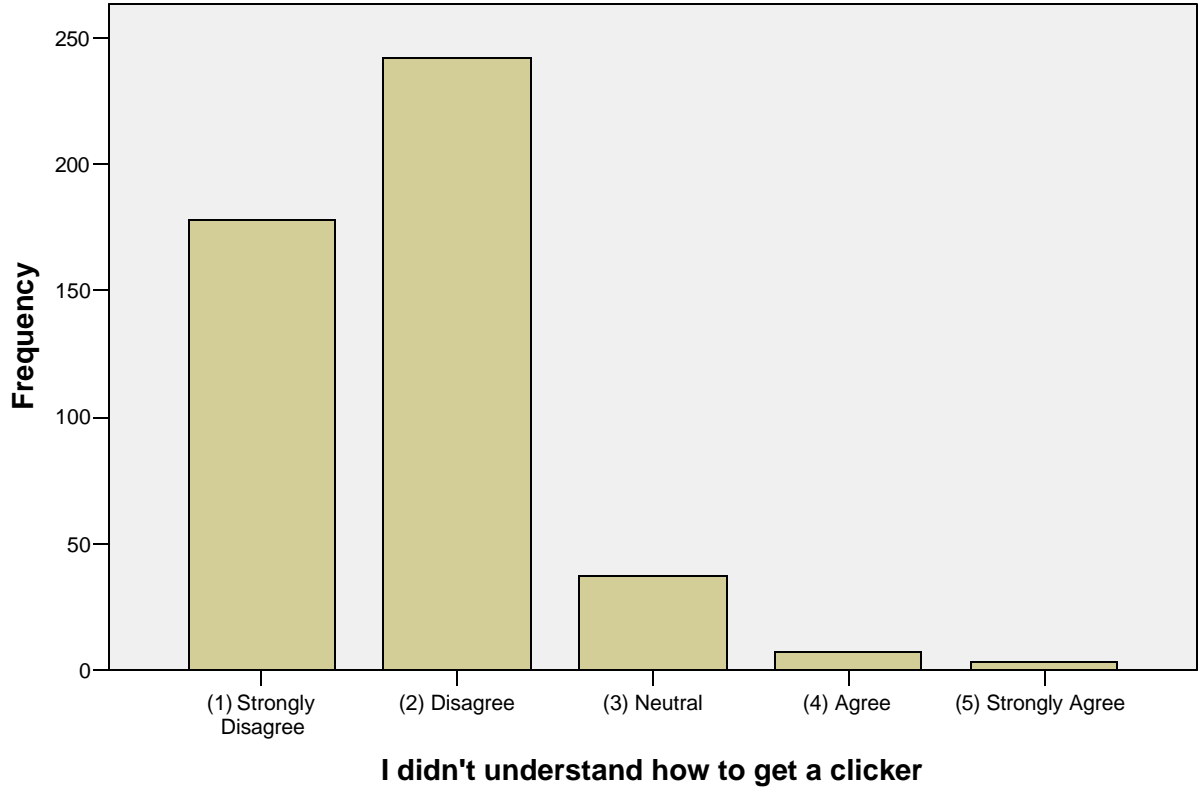


The classroom environment was very lively and active thanks to the clickers

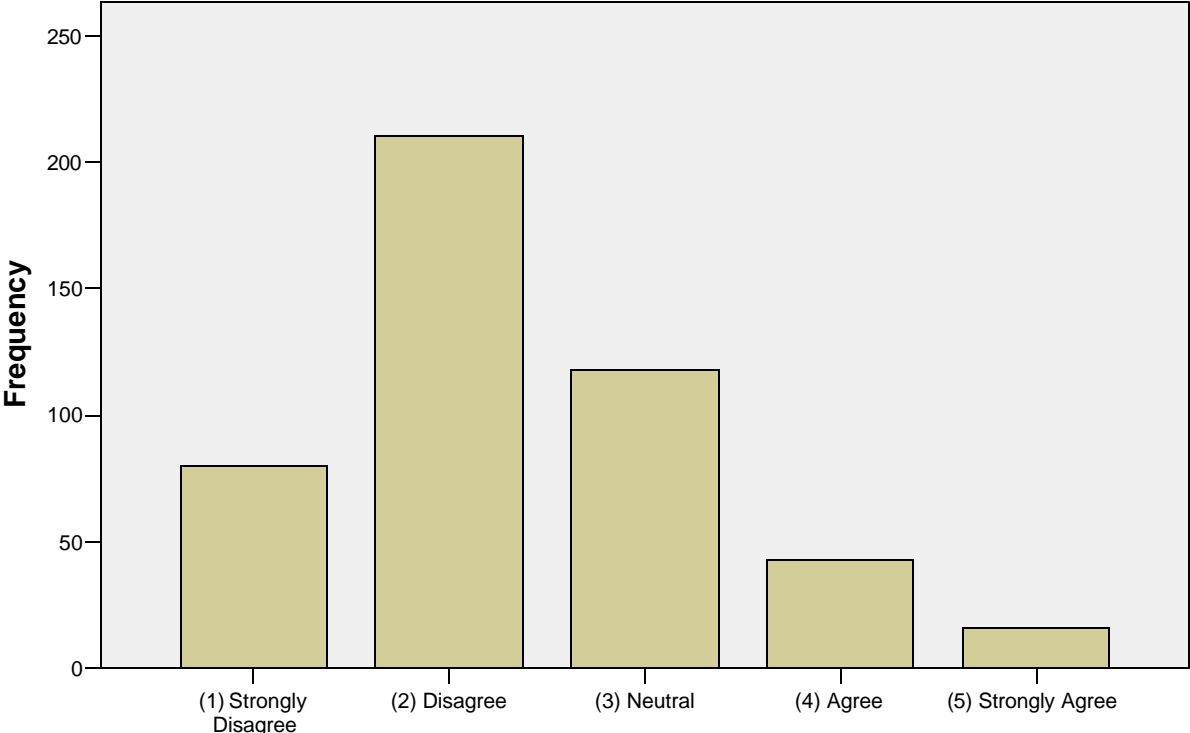


The classroom environment was very lively and active thanks to the clickers

I didn't understand how to get a clicker

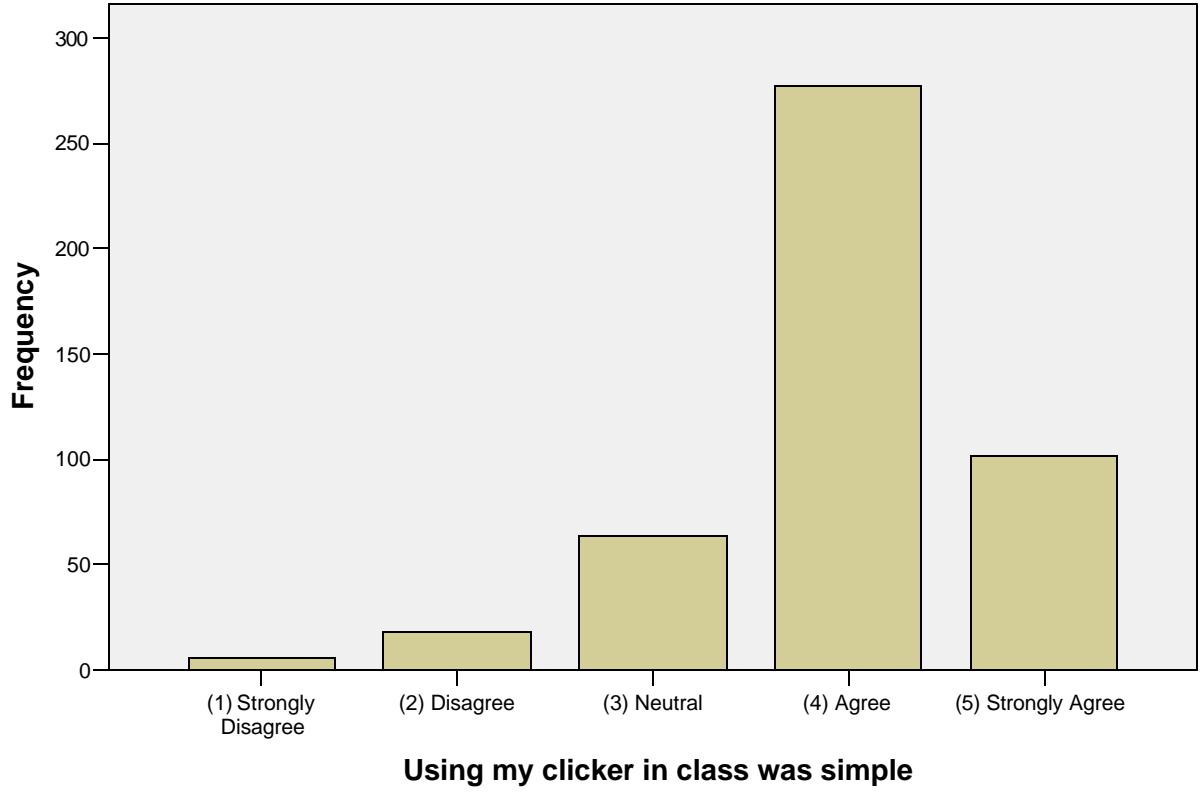


My instructor/TA did not have answers to my questions about my clicker

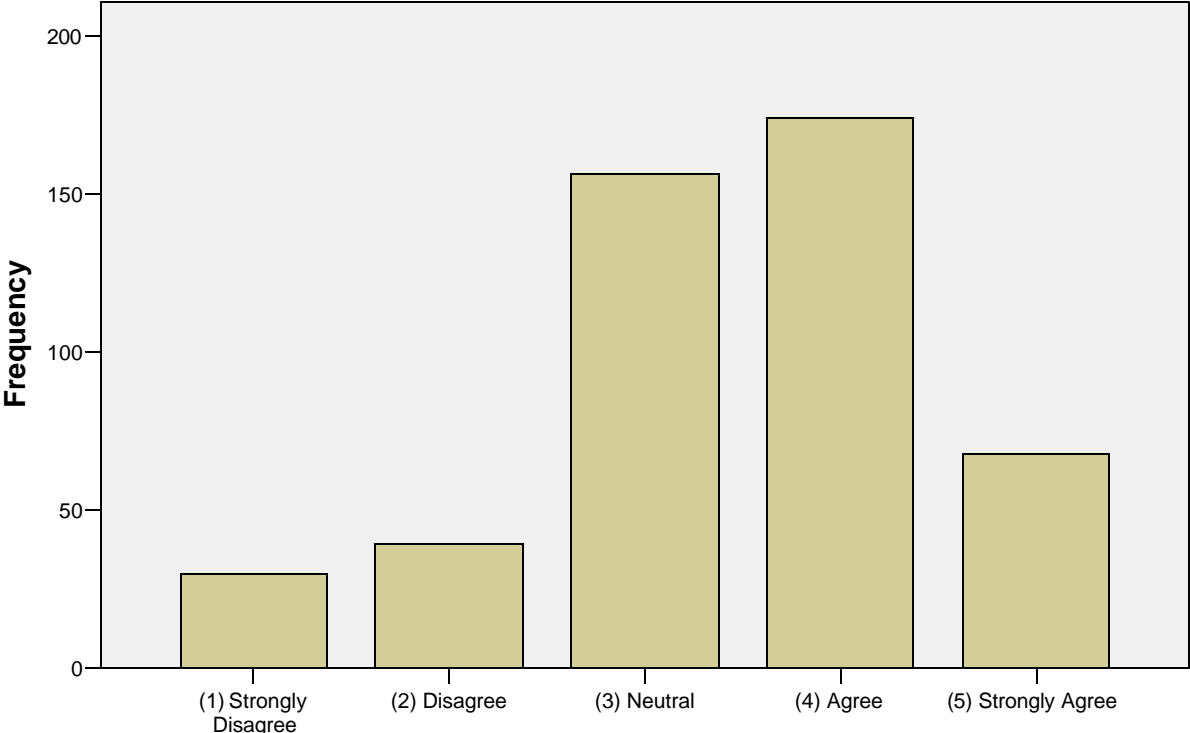


My instructor/TA did not have answers to my questions about my clicker

Using my clicker in class was simple

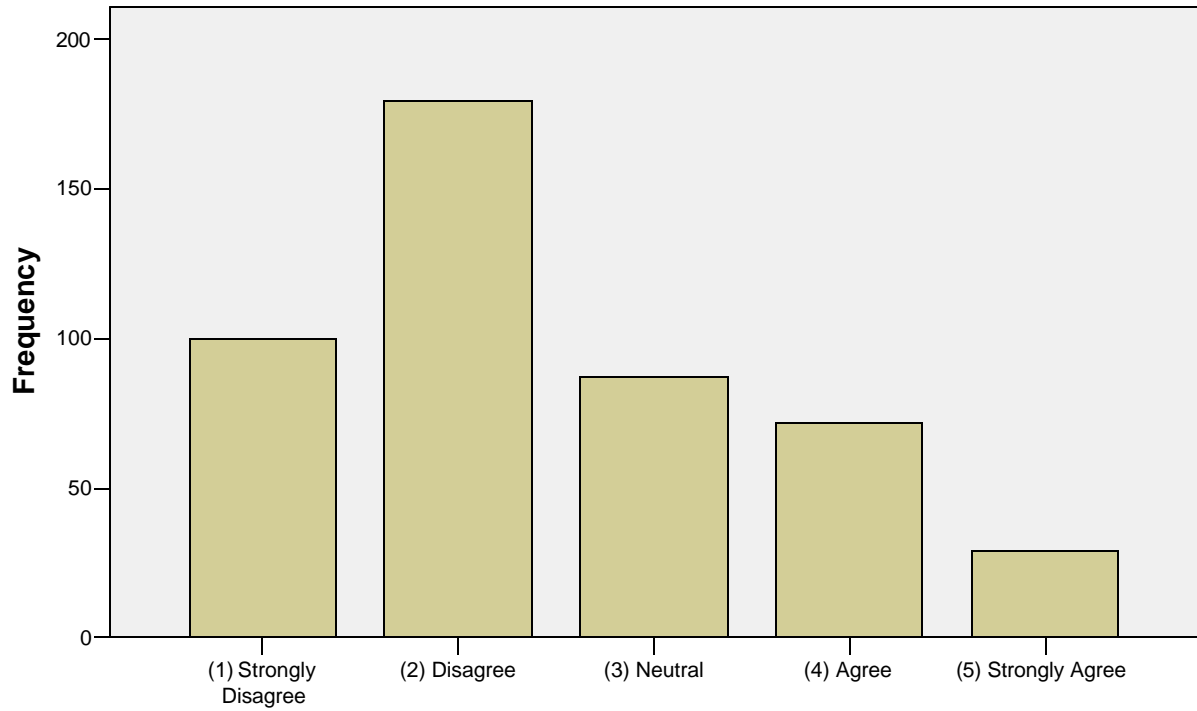


I really enjoyed using the clickers



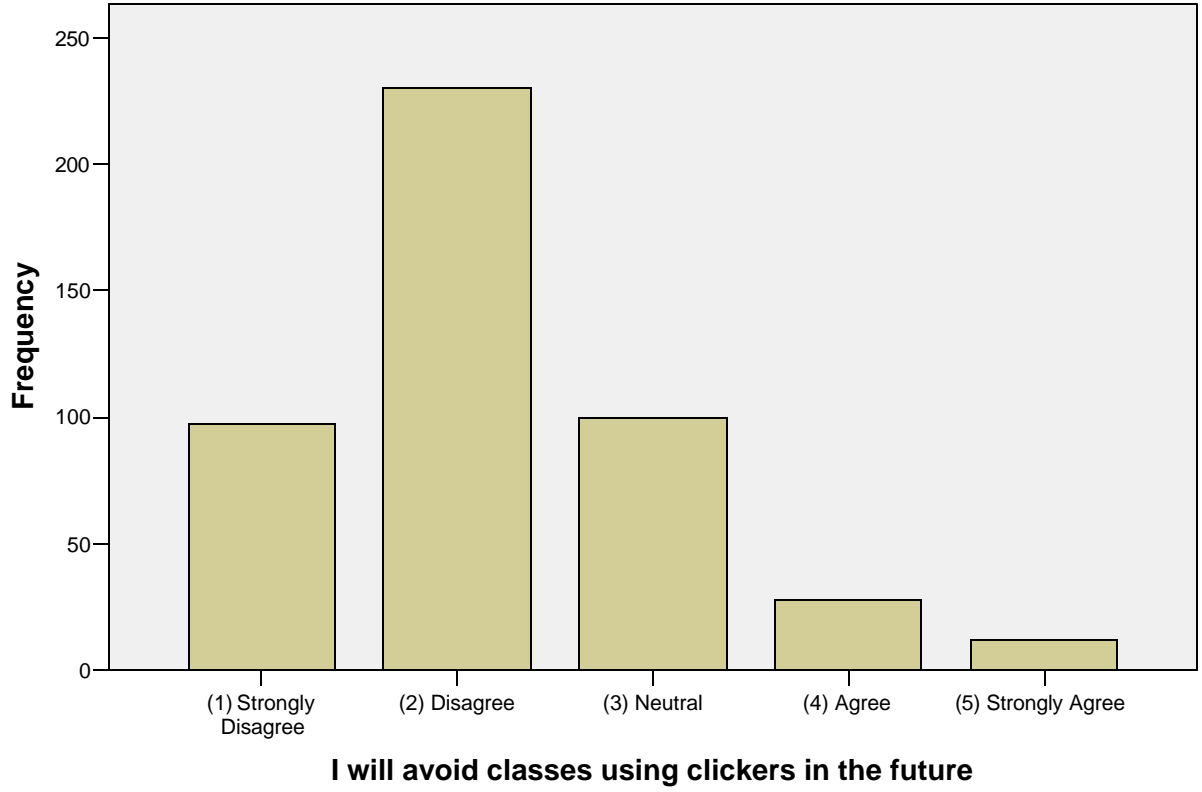
I really enjoyed using the clickers

I lost credit in class because my clicker response didn't register with the system

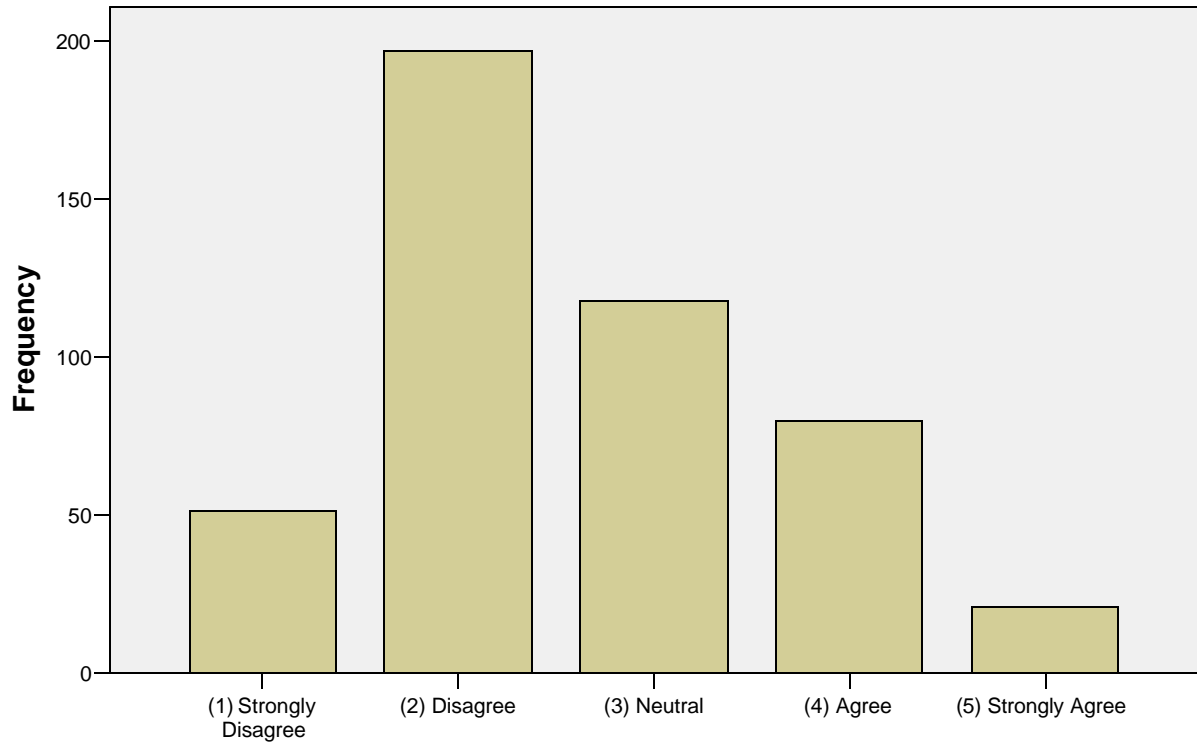


I lost credit in class because my clicker response didn't register with the system

I will avoid classes using clickers in the future

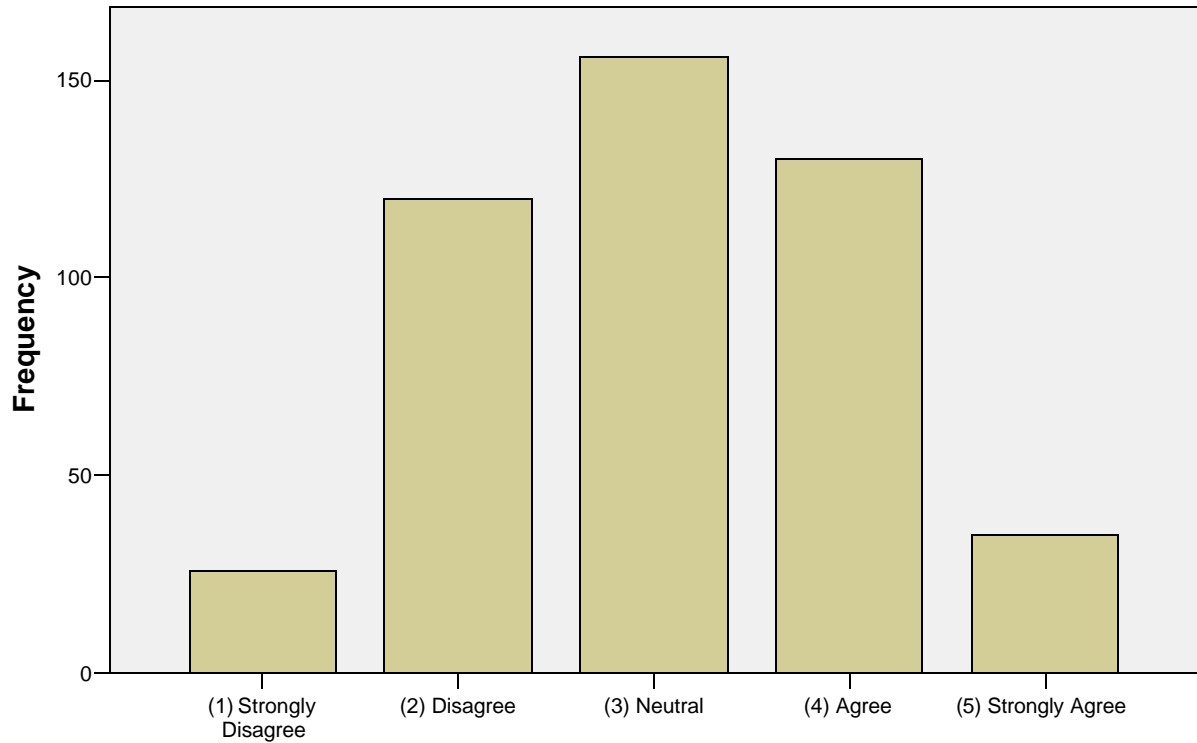


The clickers did not help me to understand concepts better



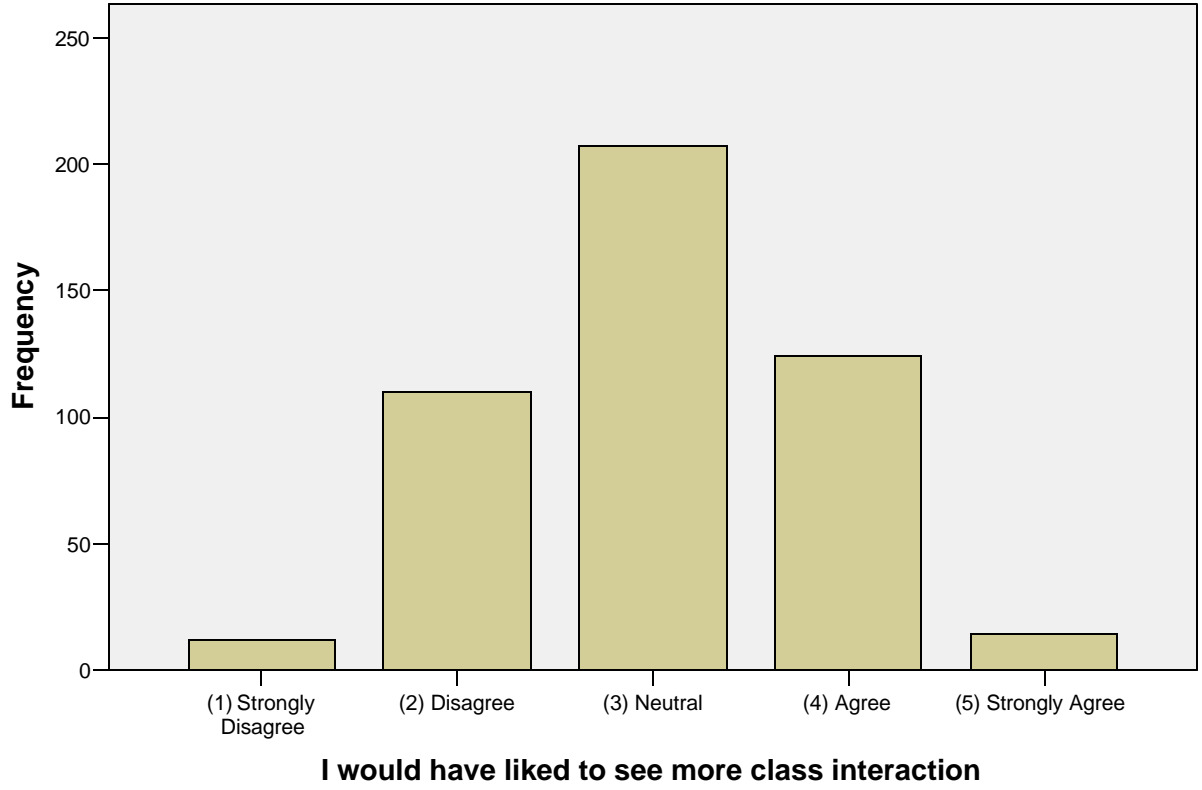
The clickers did not help me to understand concepts better

Using the clickers did not help me score higher on the exams

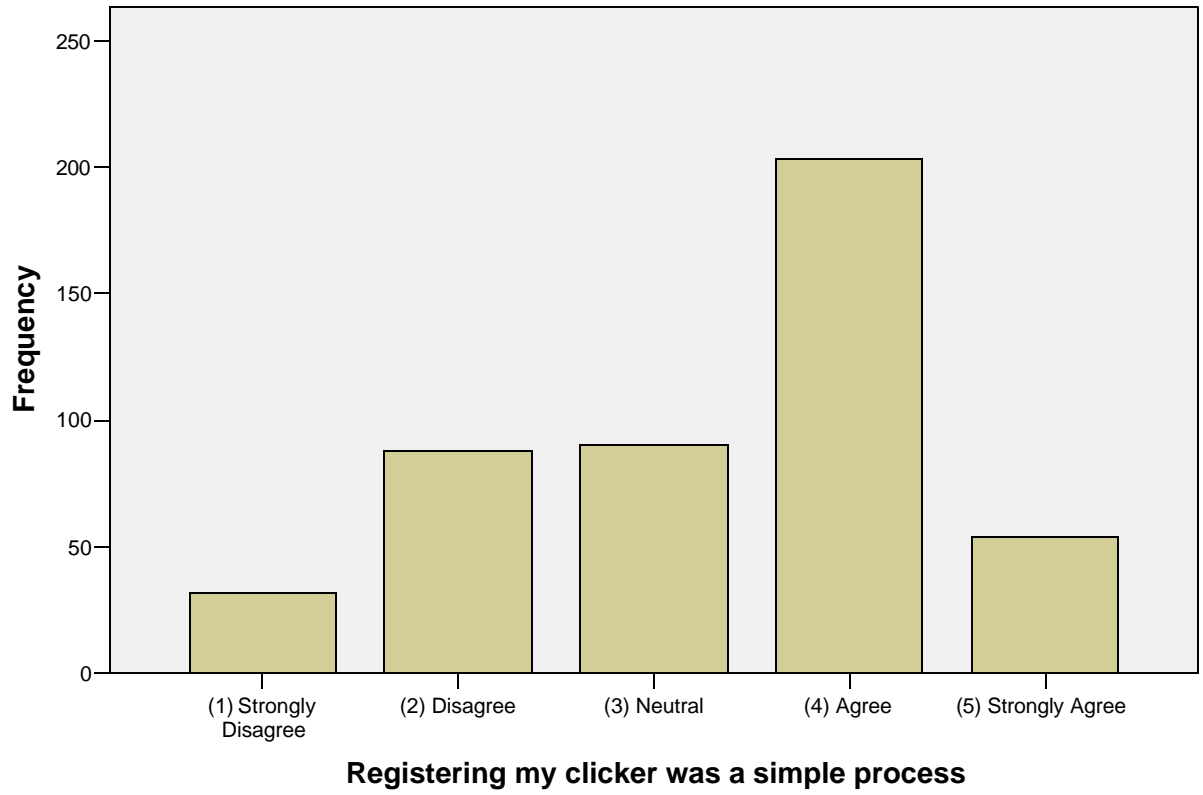


Using the clickers did not help me score higher on the exams

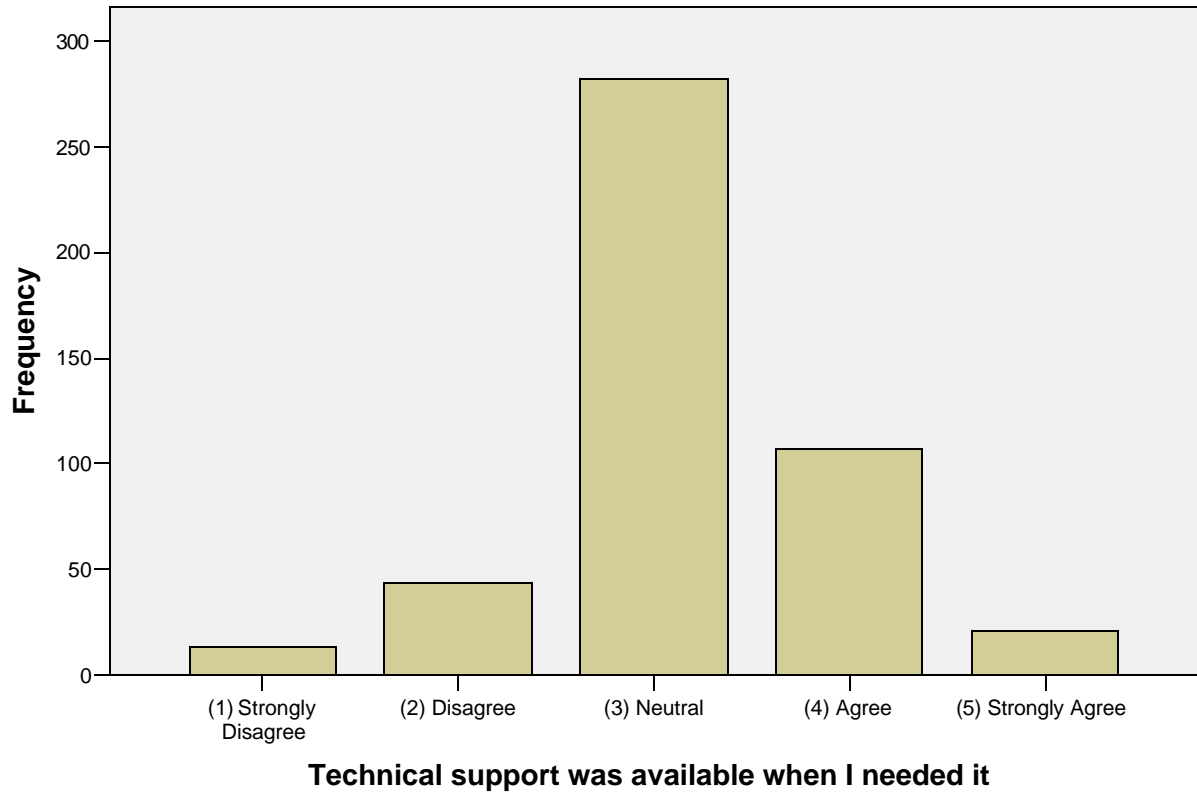
I would have liked to see more class interaction



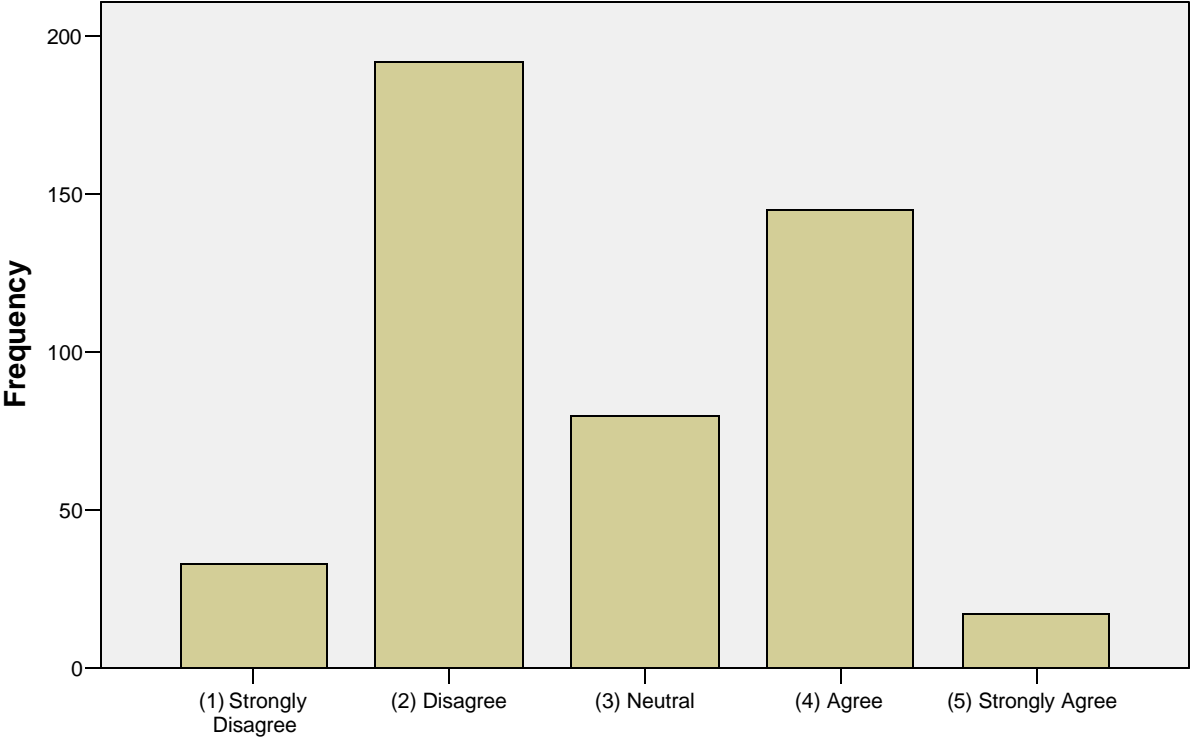
Registering my clicker was a simple process



Technical support was available when I needed it

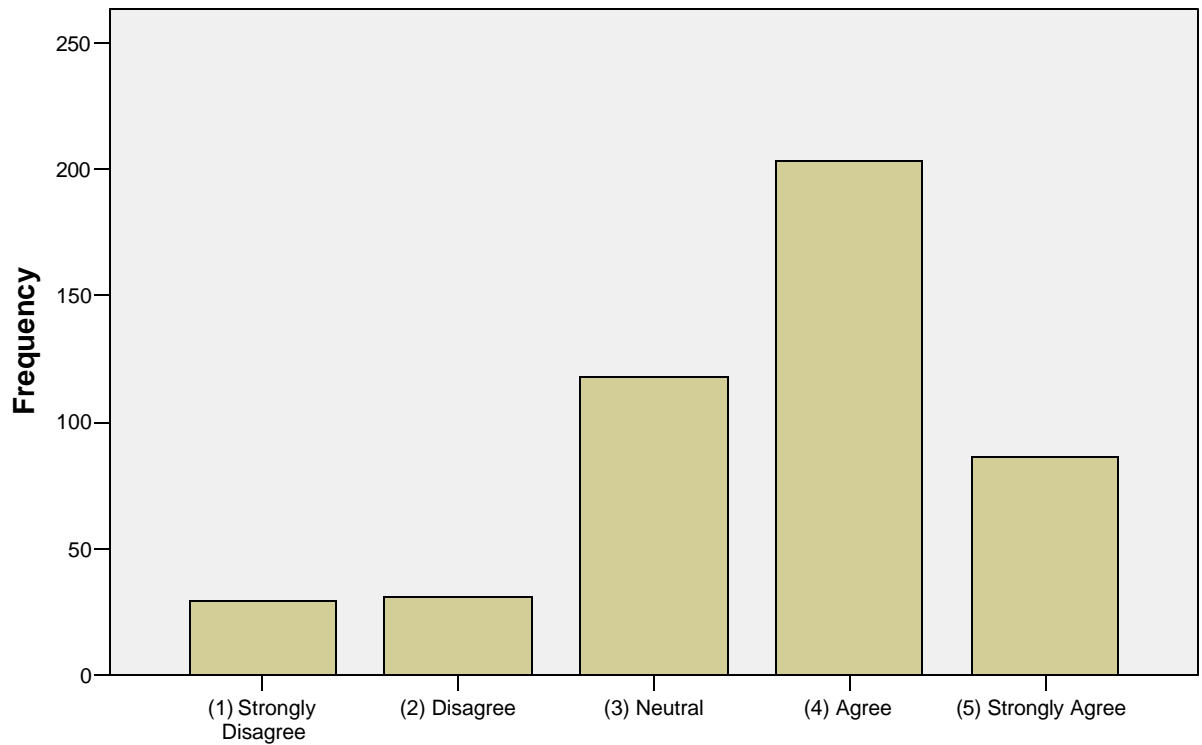


I sometimes had difficulty using my clicker in class



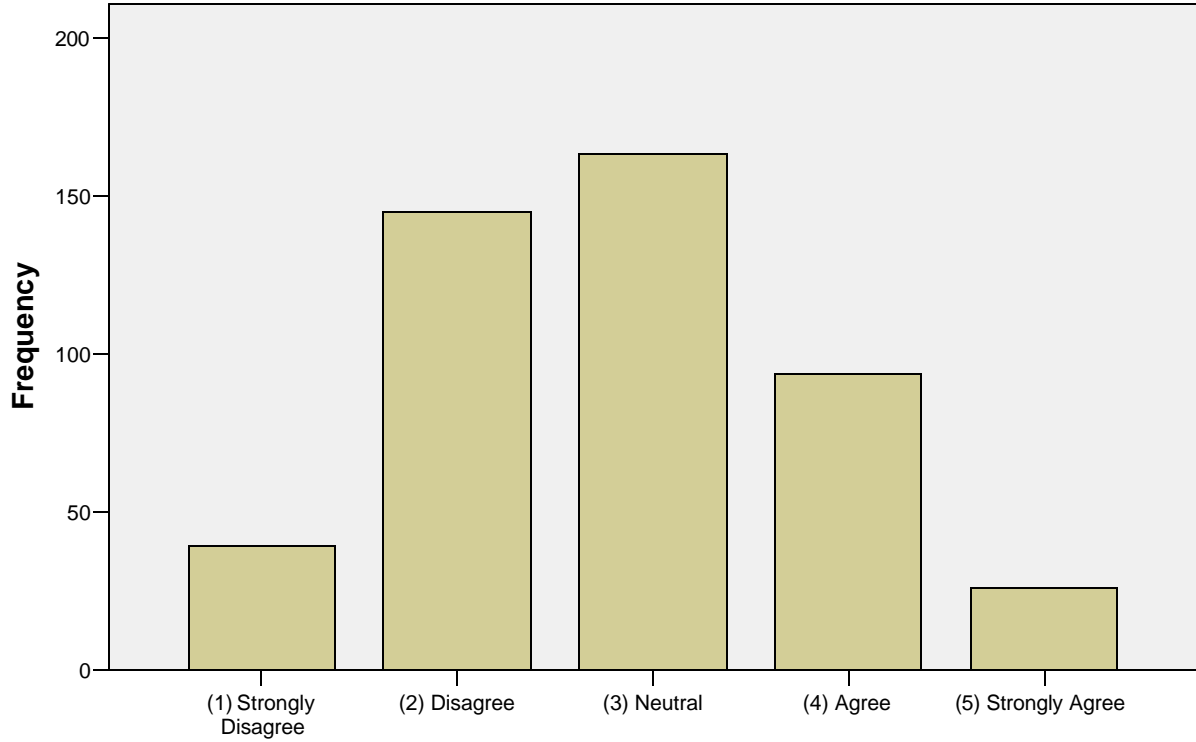
I sometimes had difficulty using my clicker in class

I would recommend that the instructor continue to use clickers



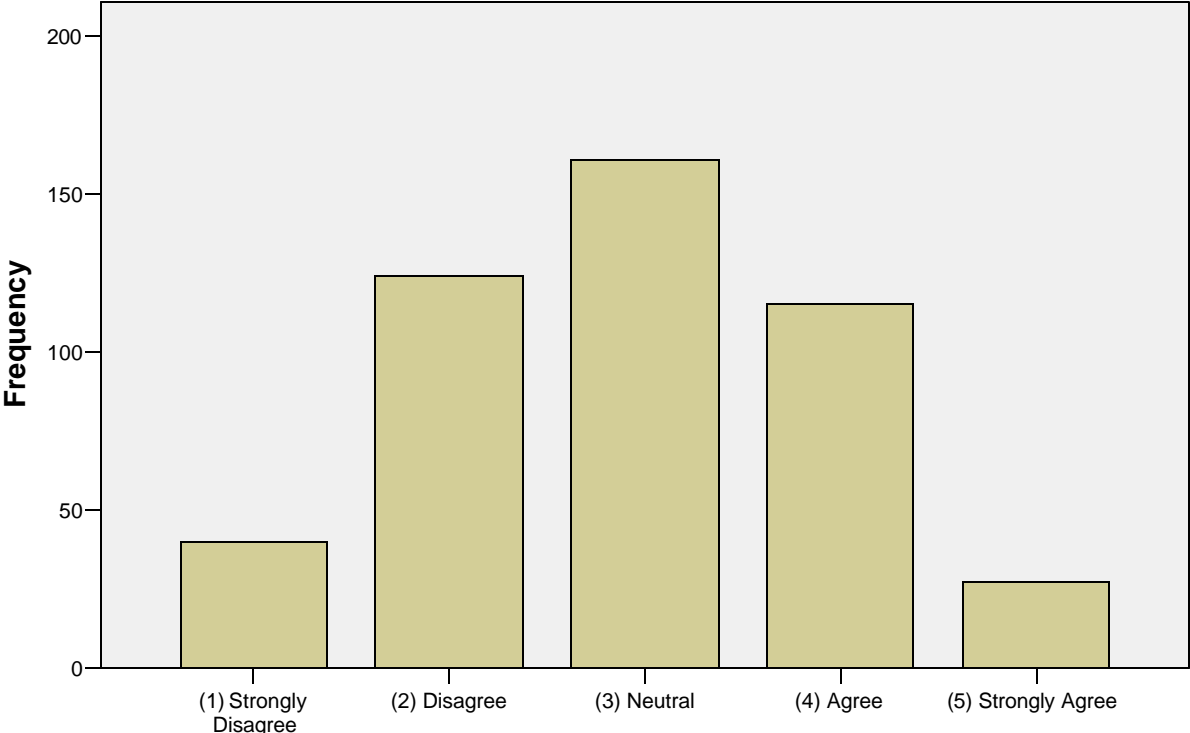
I would recommend that the instructor continue to use clickers

The clickers really helped me better prepare for exams



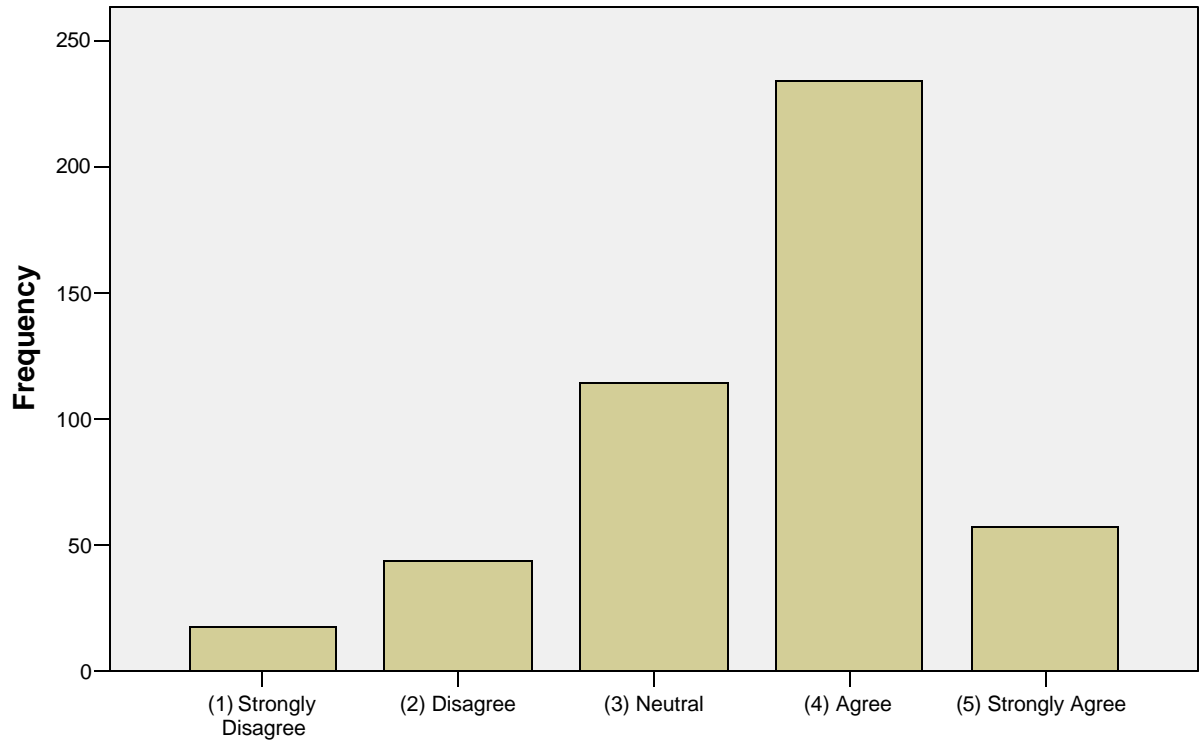
The clickers really helped me better prepare for exams

I got higher scores on my assignments because of the clicker



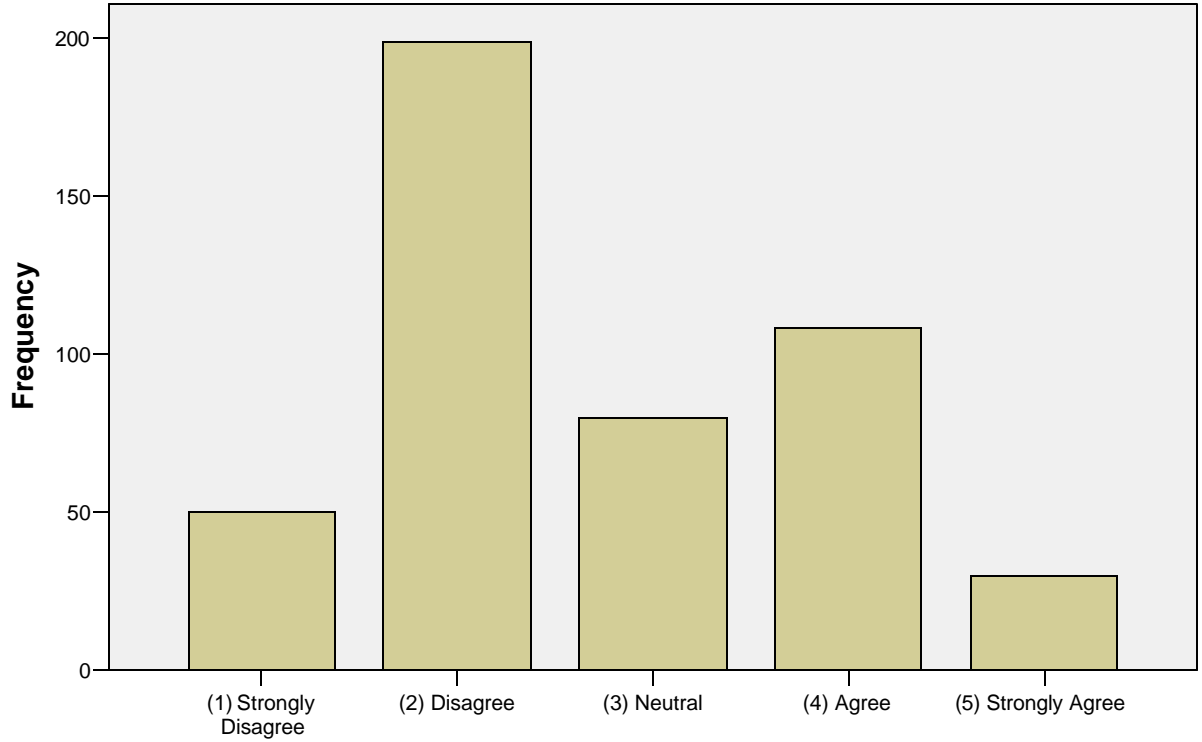
I got higher scores on my assignments because of the clicker

Clickers facilitated good interaction among students in the class



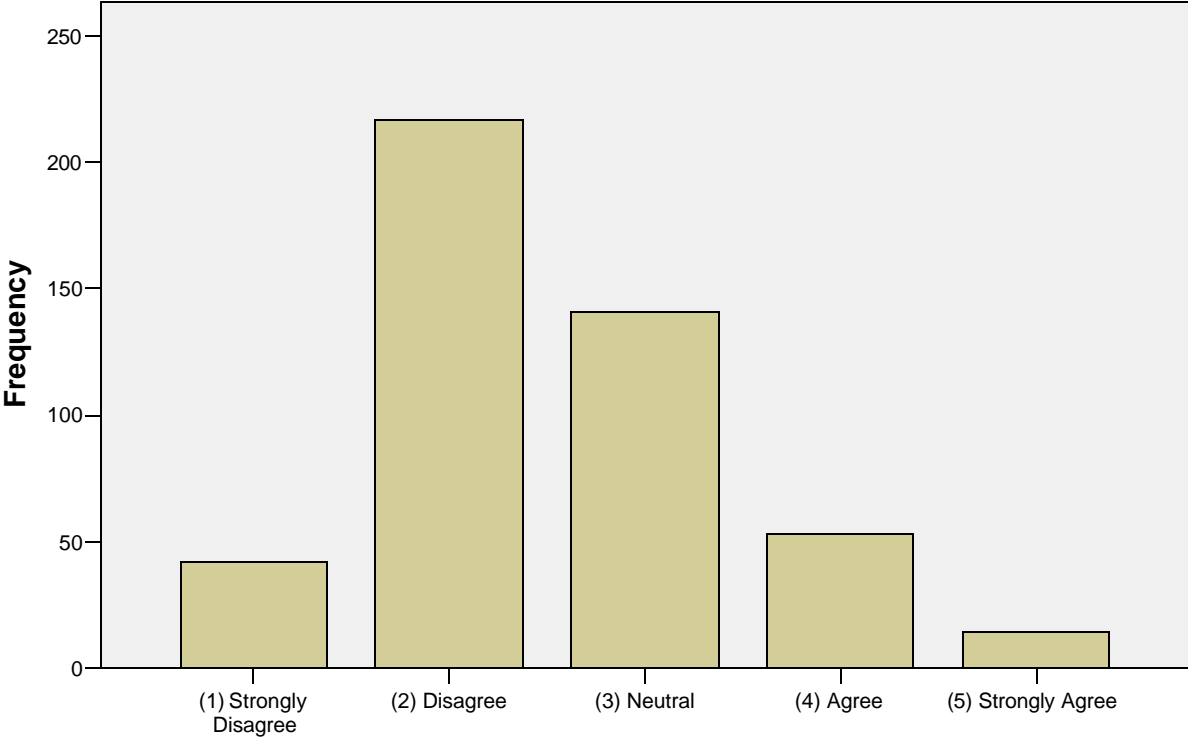
Clickers facilitated good interaction among students in the class

I was a little lost when it came to registering my clicker



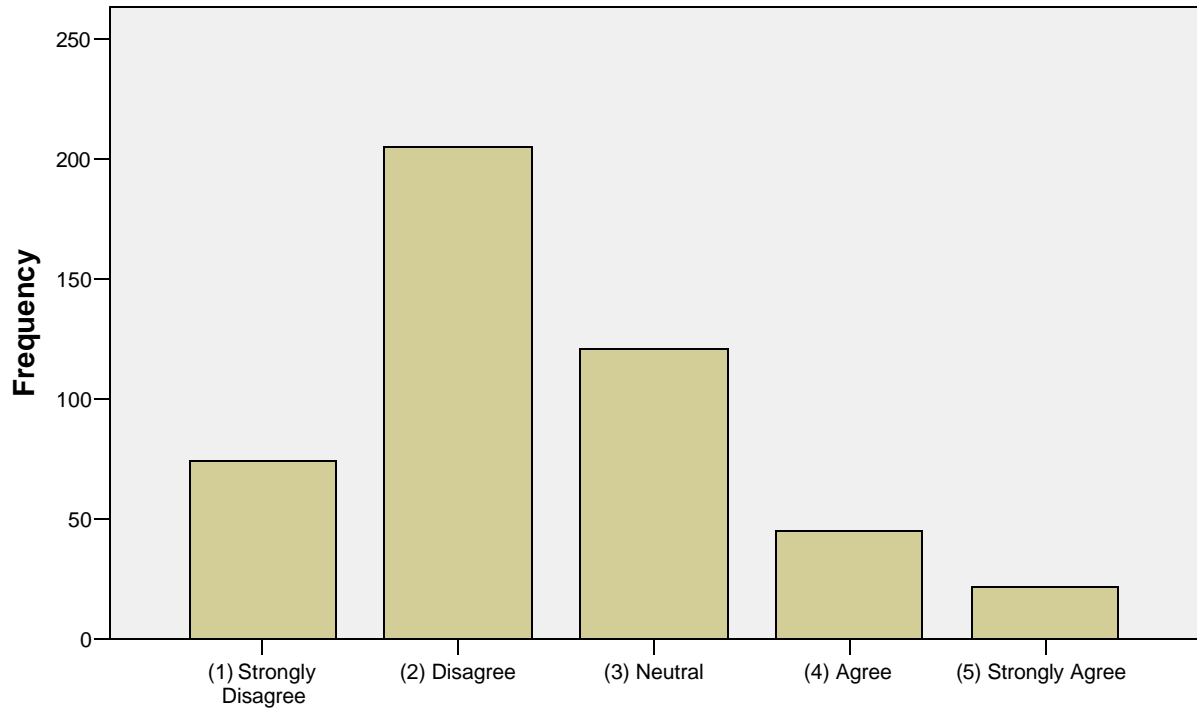
I was a little lost when it came to registering my clicker

I needed better technical support with my clicker



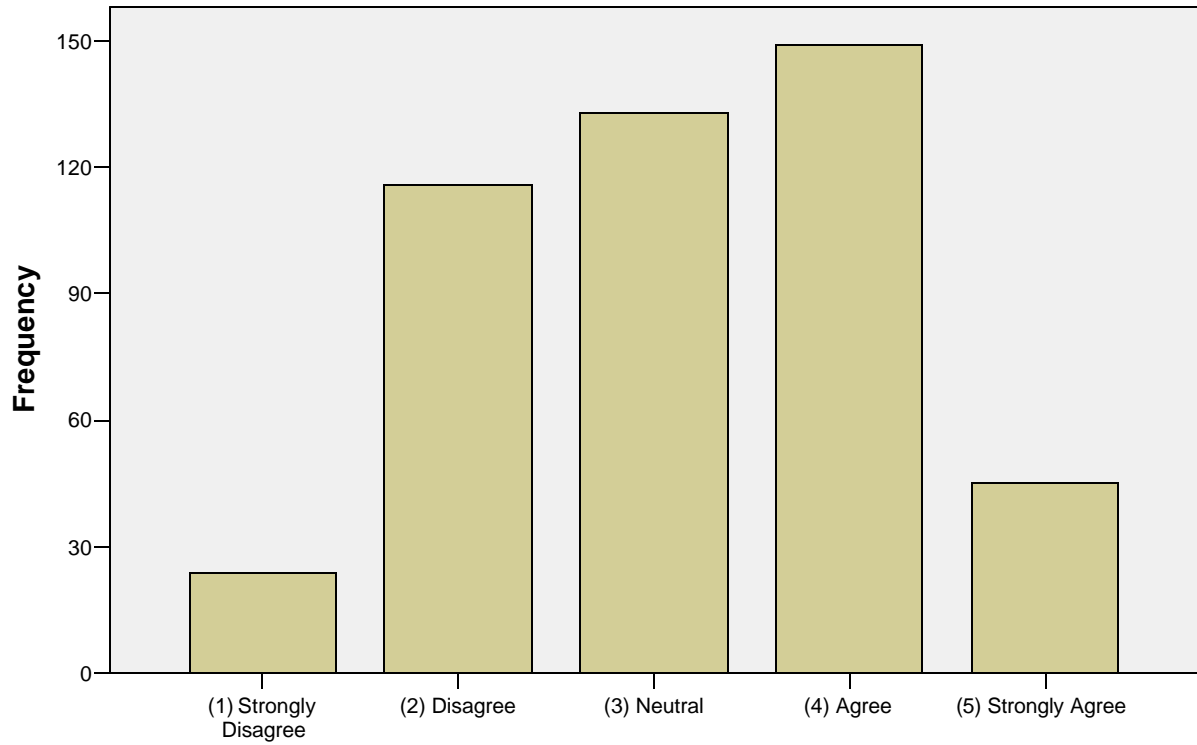
I needed better technical support with my clicker

I would hope the instructor would think twice about using clickers in the future



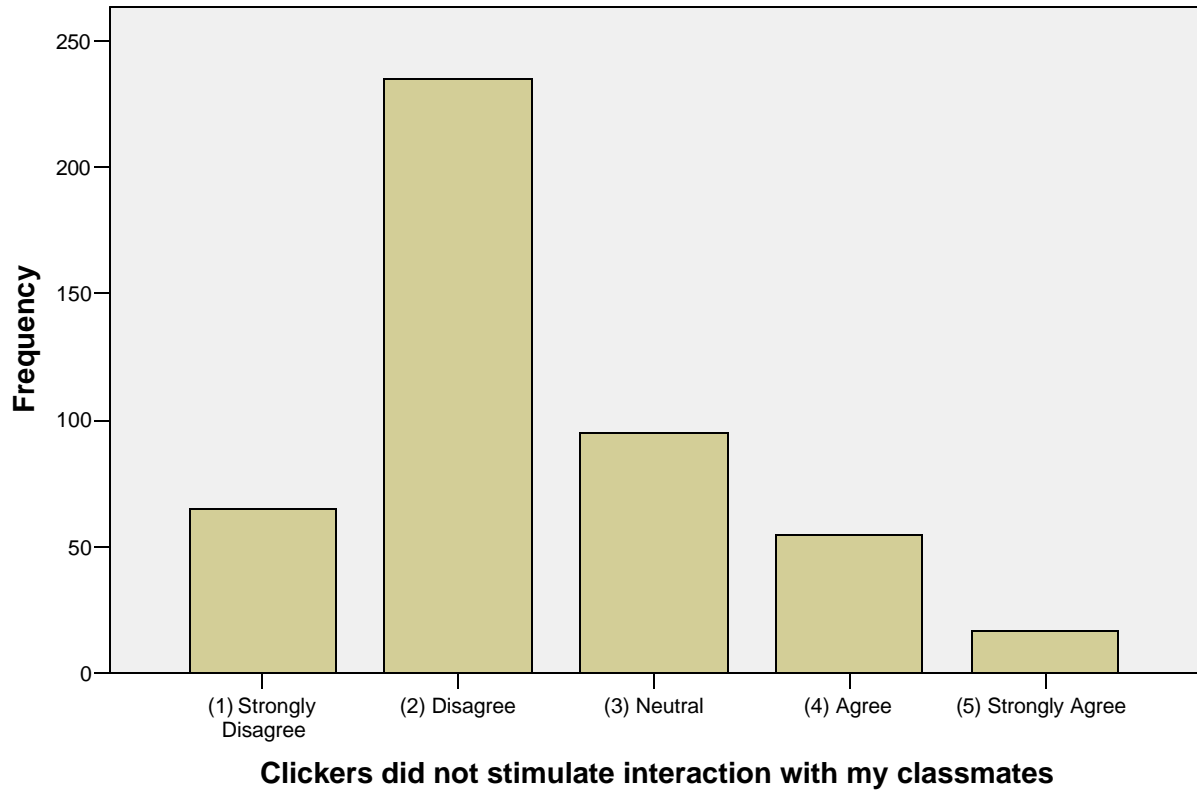
I would hope the instructor would think twice about using clickers in the future

The clickers were not much help in preparing for exams

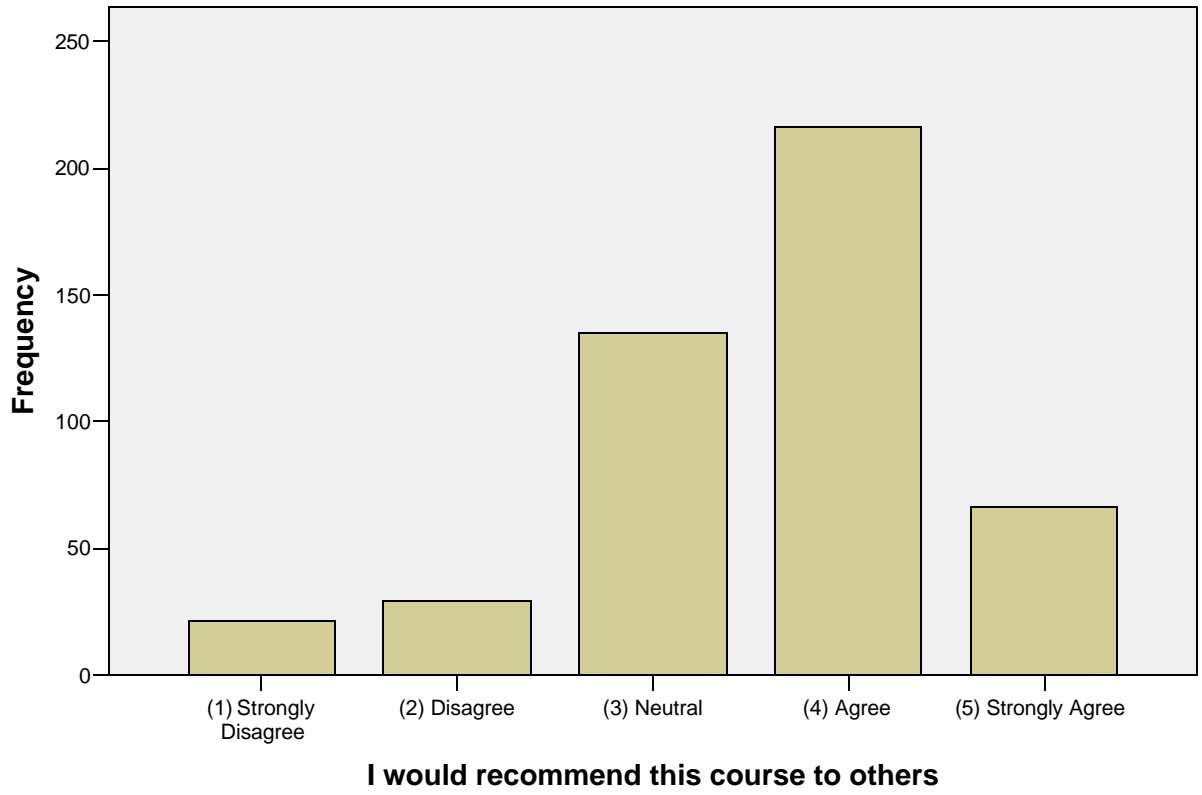


The clickers were not much help in preparing for exams

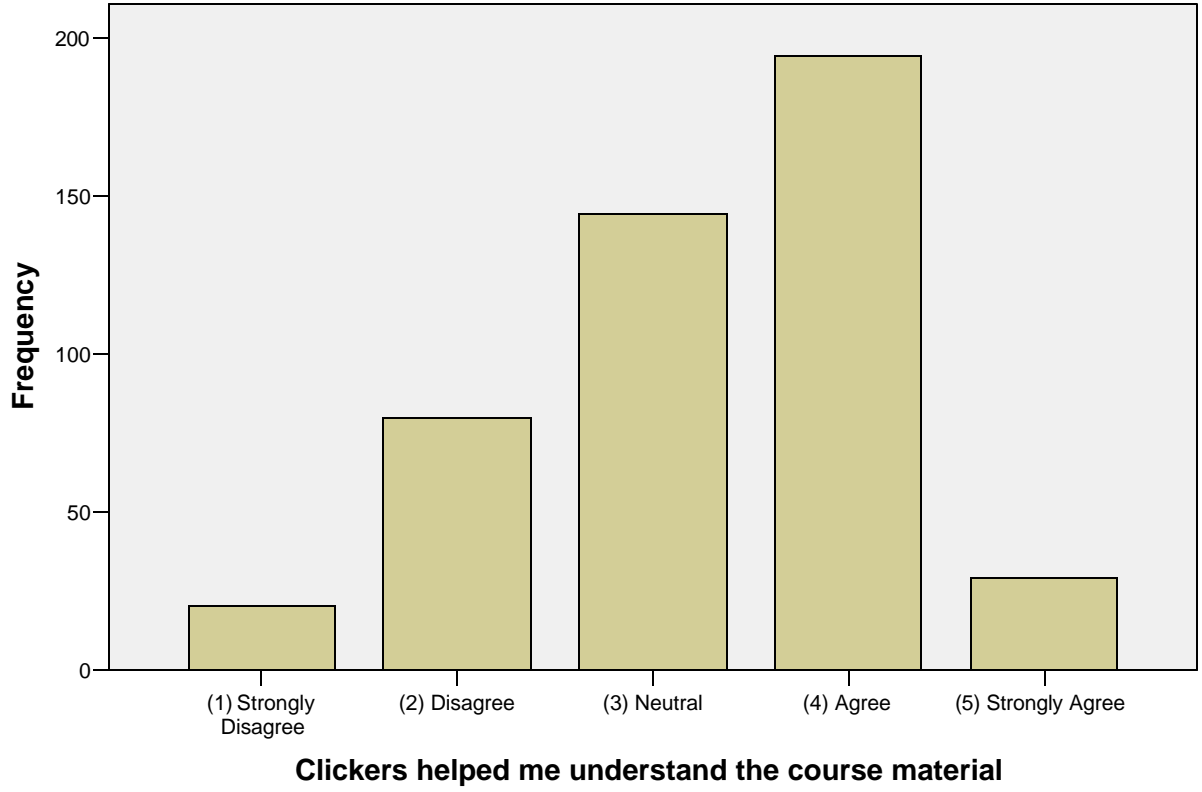
Clickers did not stimulate interaction with my classmates



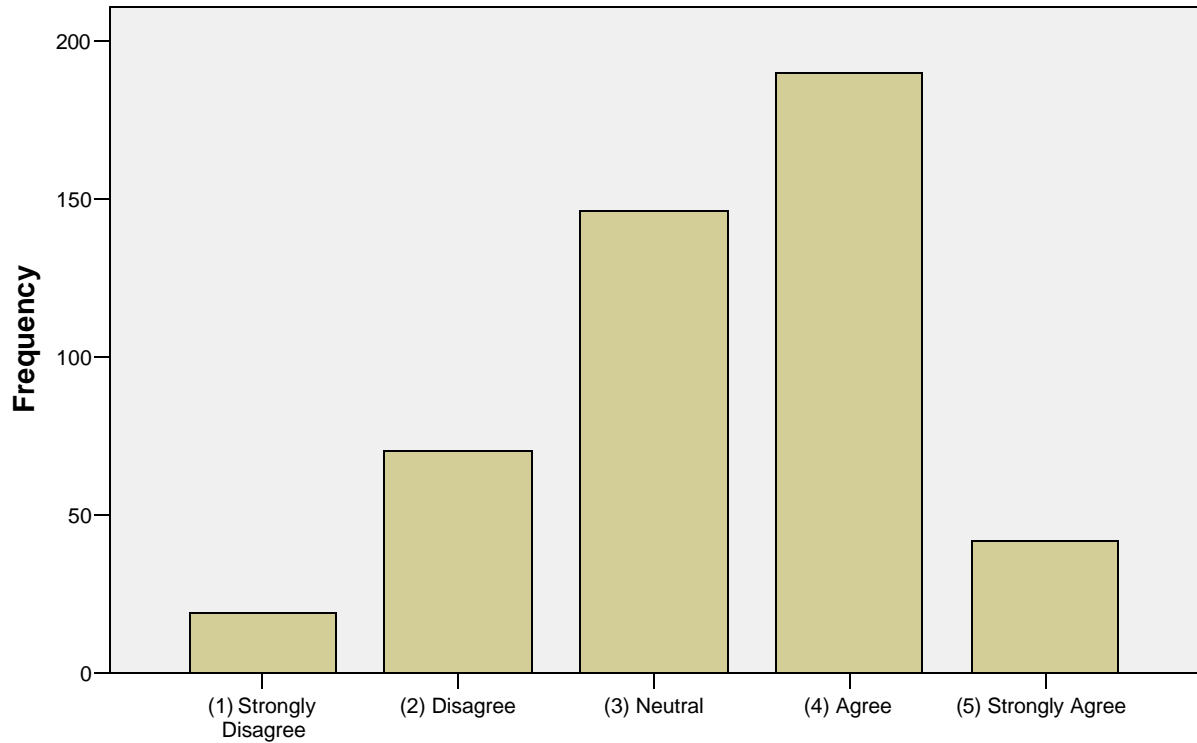
I would recommend this course to others



Clickers helped me understand the course material

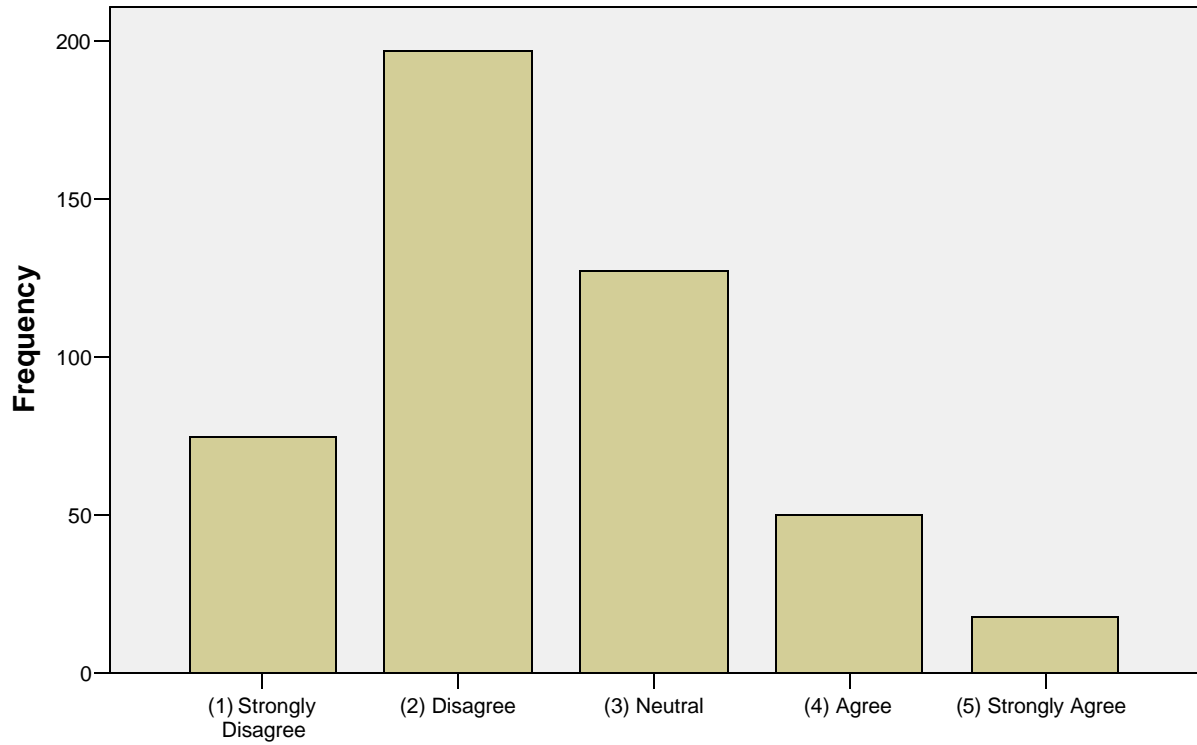


Clickers made interaction with my instructor more effective during class



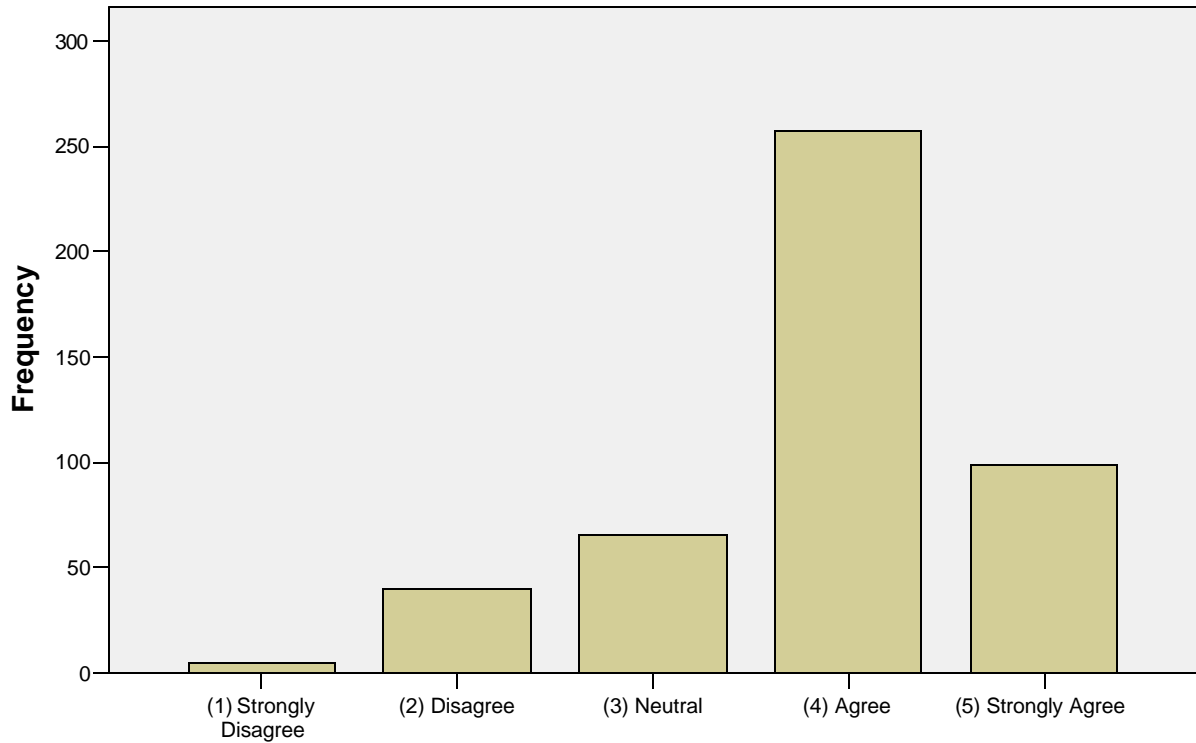
Clickers made interaction with my instructor more effective during class

I would not recommend this course to a fellow student



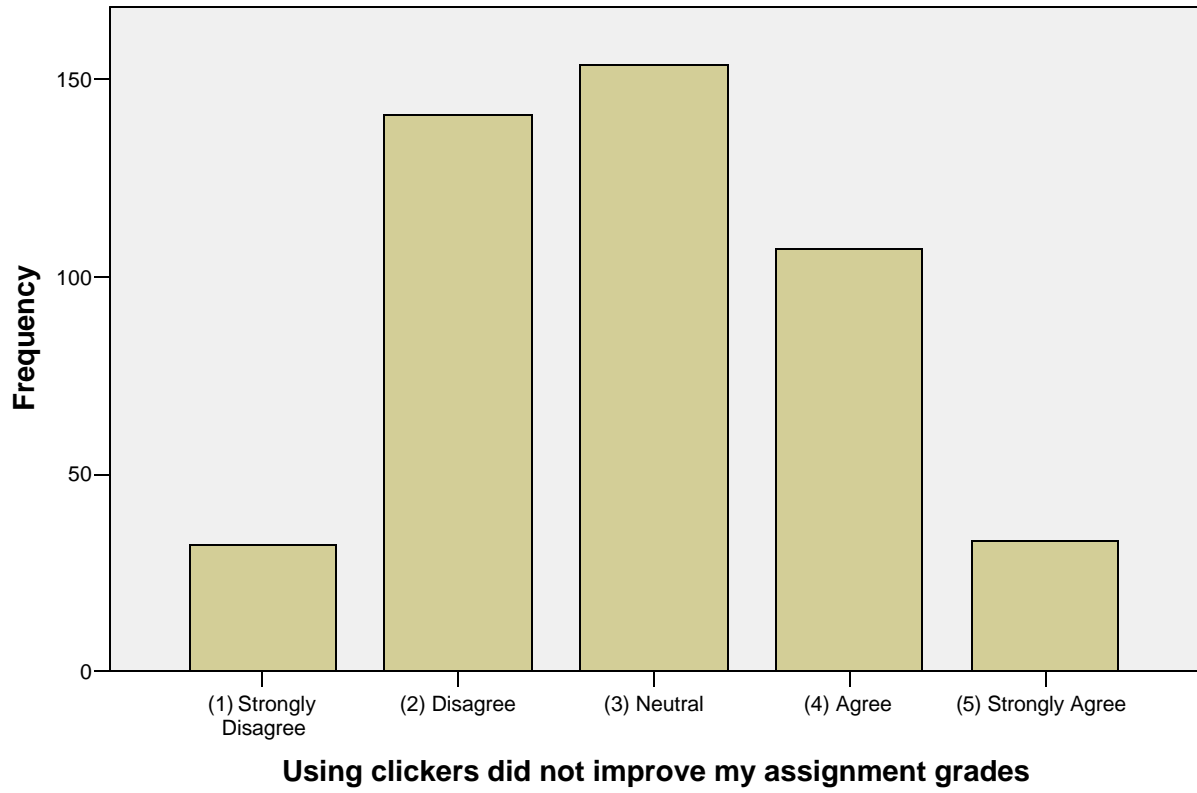
I would not recommend this course to a fellow student

Clickers helped me get instant feedback on what I knew and didn't know

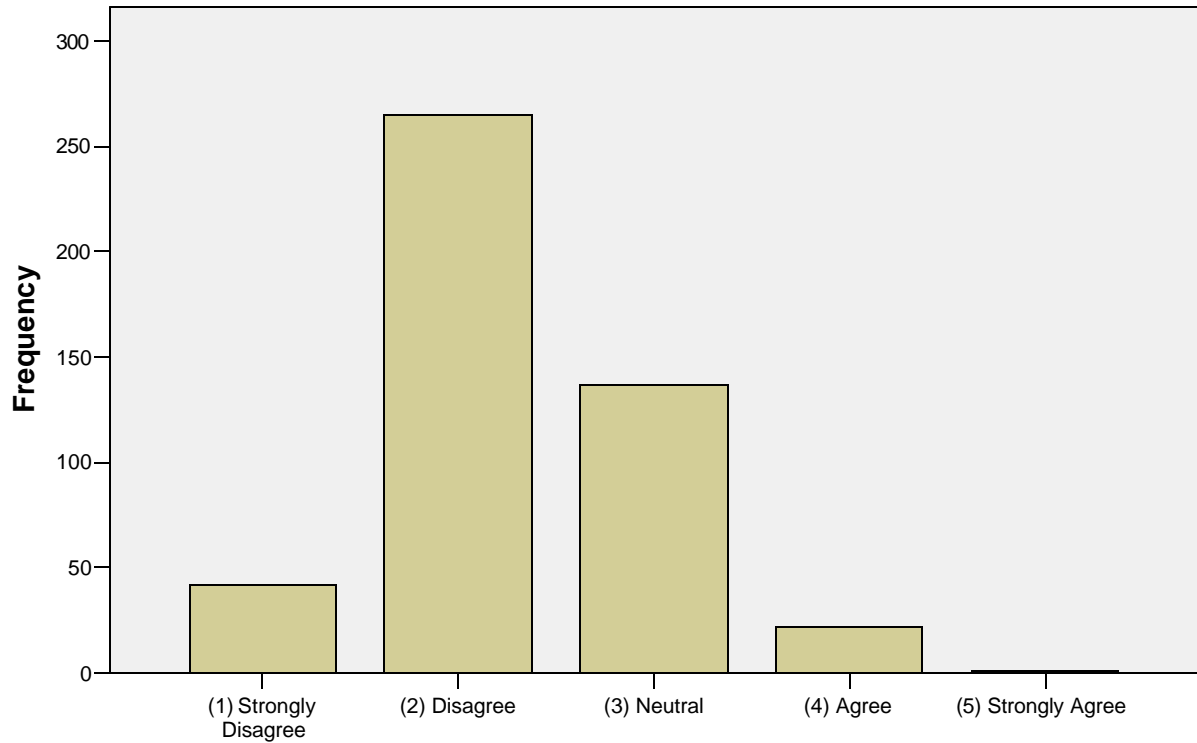


Clickers helped me get instant feedback on what I knew and didn't know

Using clickers did not improve my assignment grades

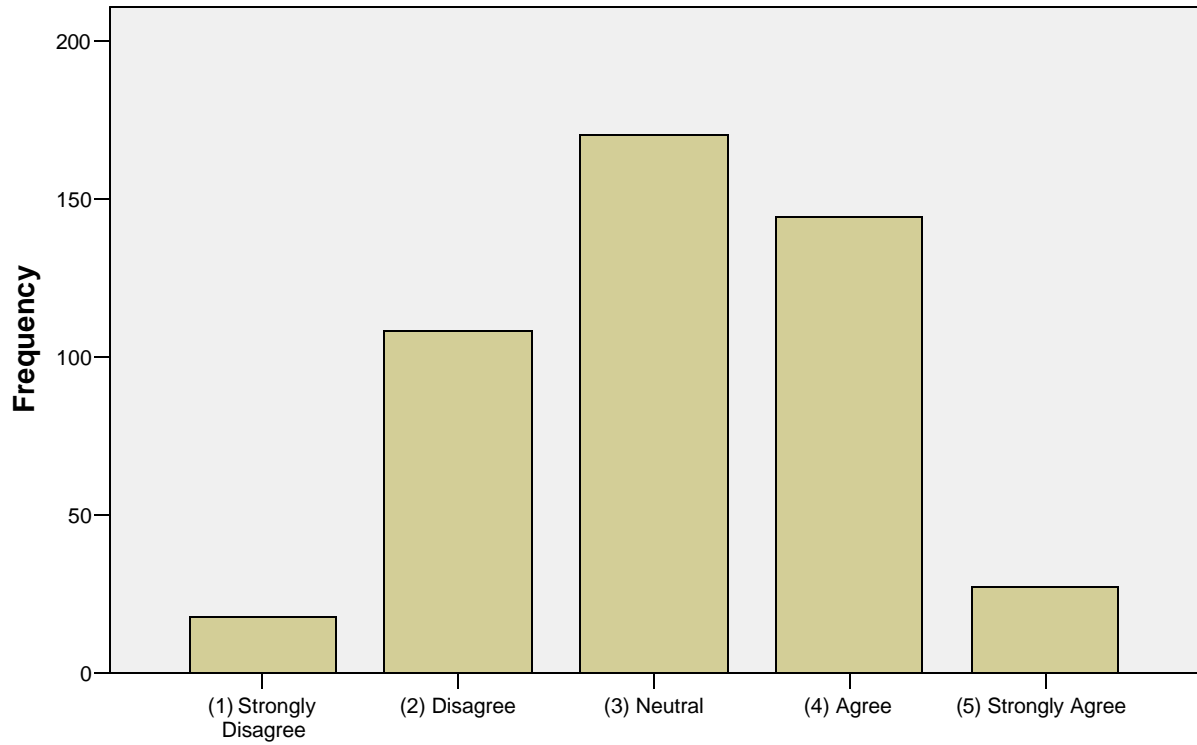


The clickers made it difficult to communicate very well with my instructor



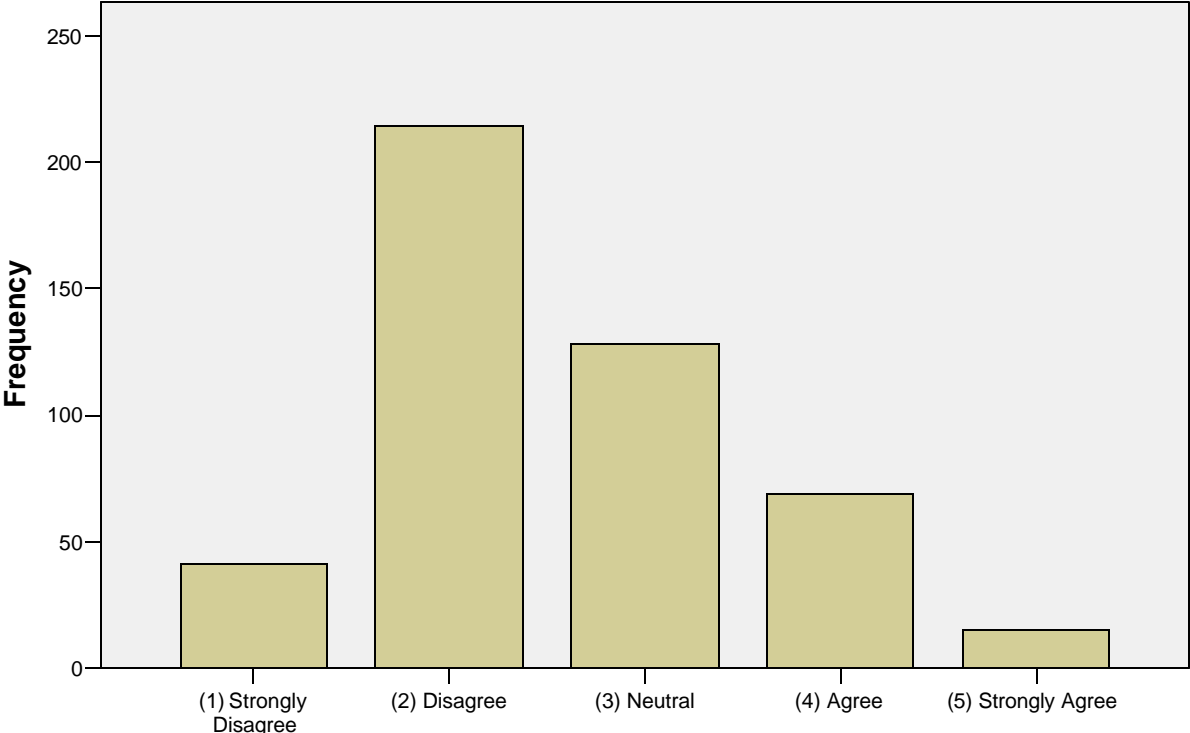
The clickers made it difficult to communicate very well with my instructor

The clickers used in this course motivated me to learn



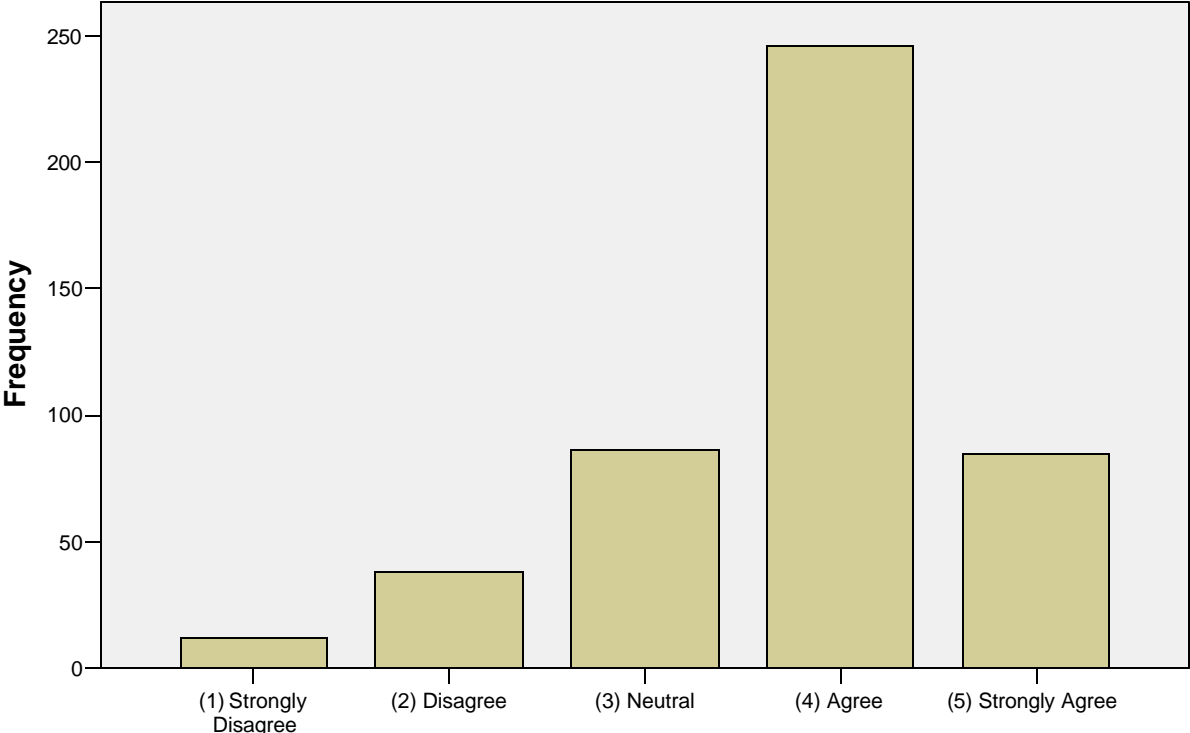
The clickers used in this course motivated me to learn

Clickers failed to help me identify what I still needed to learn



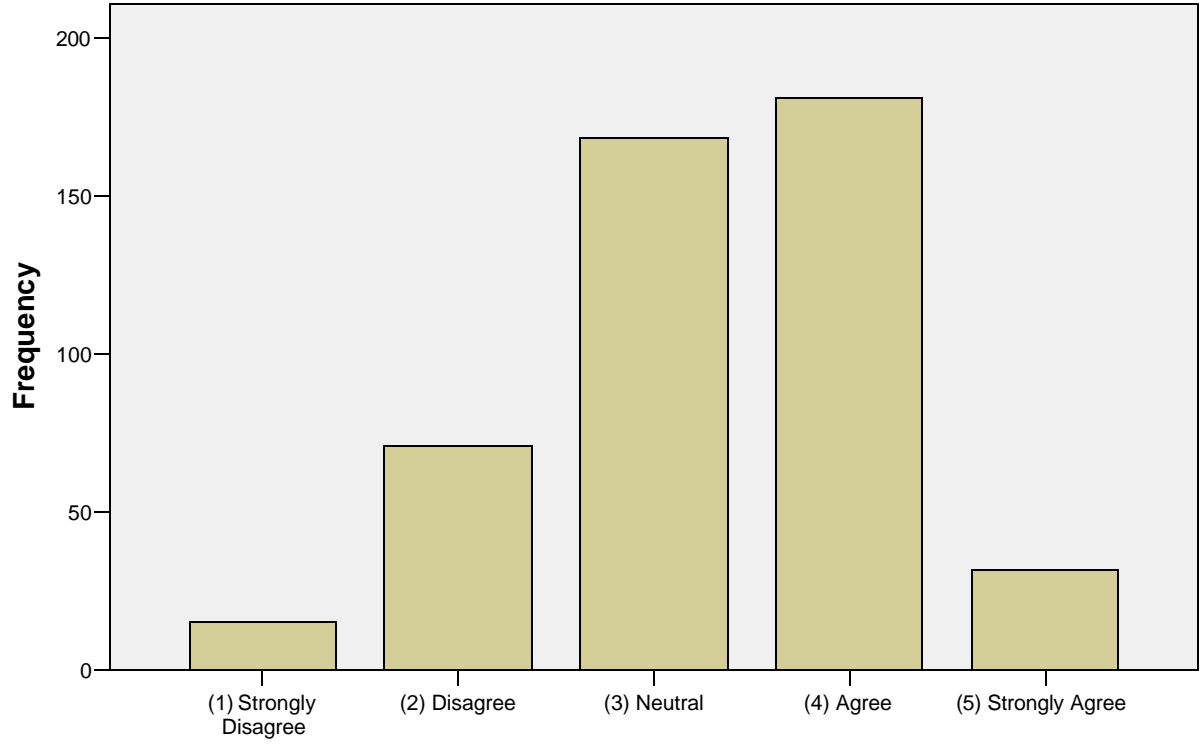
Clickers failed to help me identify what I still needed to learn

Clickers increased the frequency of my participation in the course



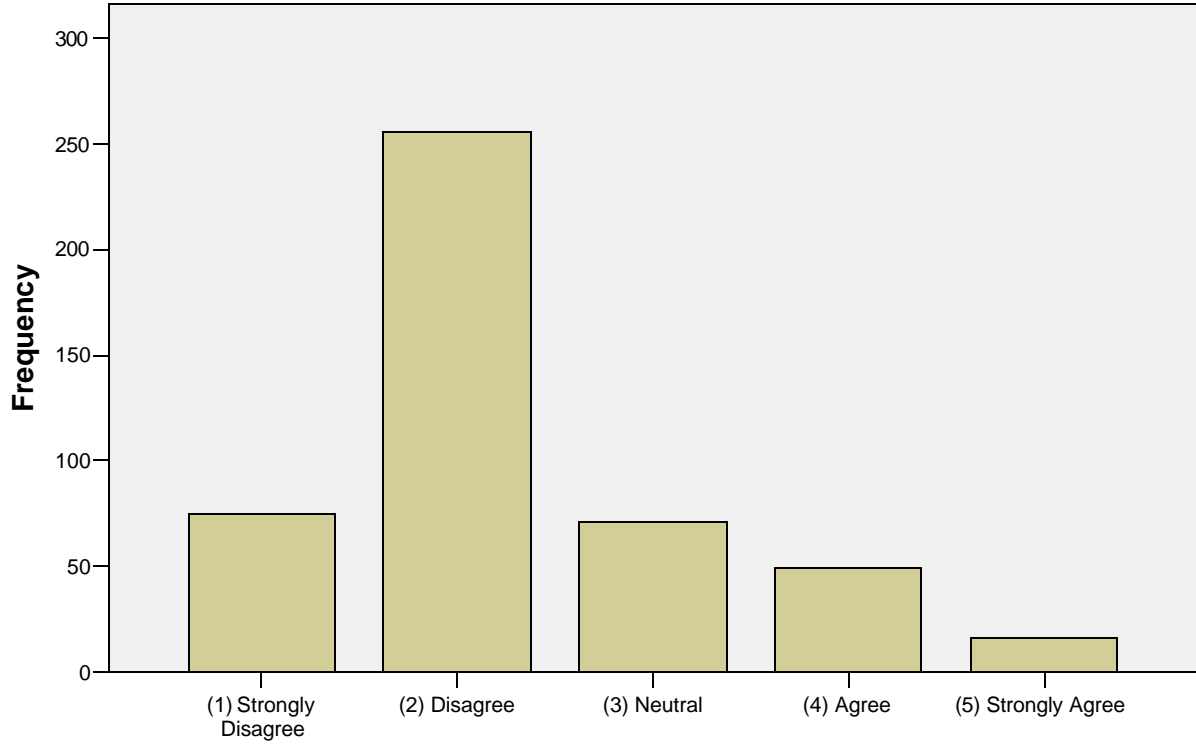
Clickers increased the frequency of my participation in the course

The clickers made it easy to connect ideas together



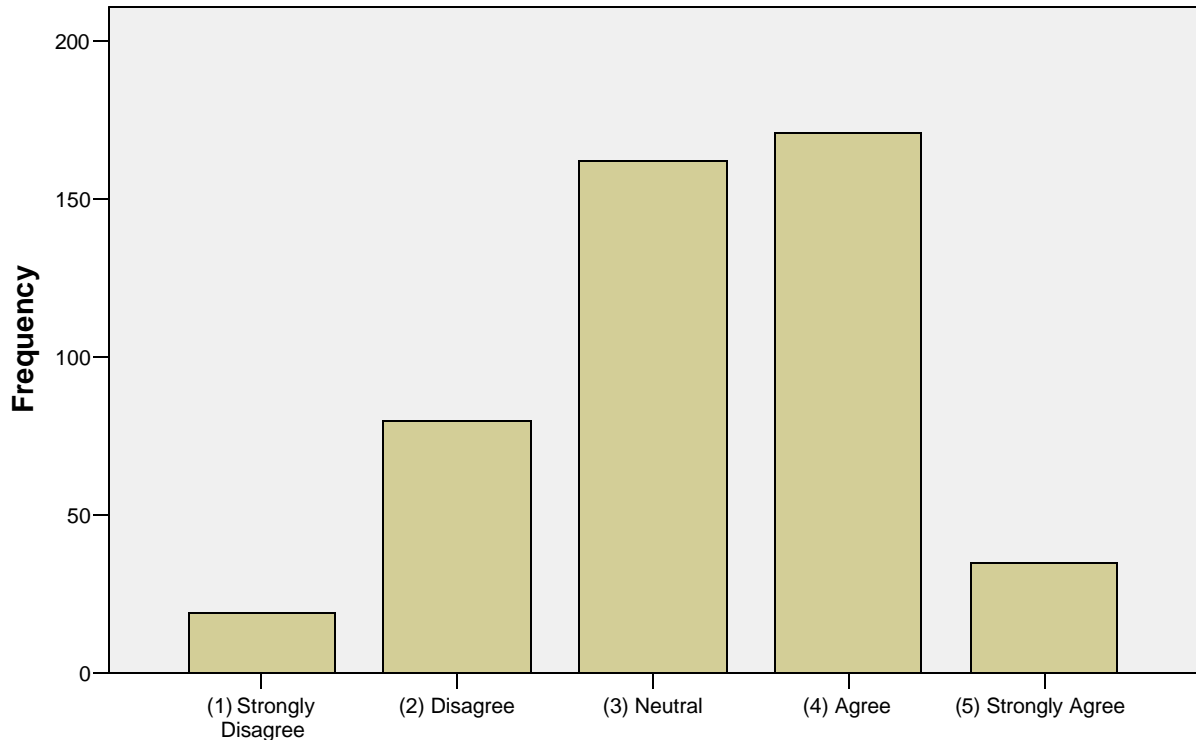
The clickers made it easy to connect ideas together

The clickers did not increase my participation in class



The clickers did not increase my participation in class

Using clickers helped me think more deeply about course materials



Using clickers helped me think more deeply about course materials

Frequency Table

Clickers made me feel involved in the course

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	7	1.5	1.5	1.5
(2) Disagree	15	3.2	3.2	4.7
(3) Neutral	104	22.3	22.3	27.0
(4) Agree	255	54.6	54.6	81.6
(5) Strongly Agree	86	18.4	18.4	100.0
Total	467	100.0	100.0	

The clicker was too expensive for what I got out of it

	Frequency	Percent	Valid Percent	Cumulative Percent
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Valid	(1) Strongly Disagree	28	6.0	6.0	6.0
	(2) Disagree	89	19.1	19.1	25.1
	(3) Neutral	176	37.7	37.7	62.7
	(4) Agree	115	24.6	24.6	87.4
	(5) Strongly Agree	59	12.6	12.6	100.0
	Total	467	100.0	100.0	

I had no problems using the clickers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	13	2.8	2.8	2.8
	(2) Disagree	68	14.6	14.6	17.3
	(3) Neutral	65	13.9	13.9	31.3
	(4) Agree	218	46.7	46.7	77.9
	(5) Strongly Agree	103	22.1	22.1	100.0
	Total	467	100.0	100.0	

The introductory explanations on how to use the clicker were sufficient

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	4	.9	.9	.9
	(2) Disagree	46	9.9	9.9	10.7
	(3) Neutral	88	18.8	18.8	29.6
	(4) Agree	259	55.5	55.5	85.0
	(5) Strongly Agree	70	15.0	15.0	100.0
	Total	467	100.0	100.0	

Using the clickers was fun

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	20	4.3	4.3	4.3
	(2) Disagree	44	9.4	9.4	13.7
	(3) Neutral	125	26.8	26.8	40.5
	(4) Agree	198	42.4	42.4	82.9
	(5) Strongly Agree	80	17.1	17.1	100.0
	Total	467	100.0	100.0	

I was never certain that my clicker response was received by the system

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	70	15.0	15.0	15.0
	(2) Disagree	197	42.2	42.2	57.2

(3) Neutral	96	20.6	20.6	77.7
(4) Agree	75	16.1	16.1	93.8
(5) Strongly Agree	29	6.2	6.2	100.0
Total	467	100.0	100.0	

Clickers have been beneficial to my learning

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	17	3.6	3.6	3.6
(2) Disagree	53	11.3	11.3	15.0
(3) Neutral	148	31.7	31.7	46.7
(4) Agree	205	43.9	43.9	90.6
(5) Strongly Agree	44	9.4	9.4	100.0
Total	467	100.0	100.0	

Overall, I am happy with using clickers

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	24	5.1	5.1	5.1
(2) Disagree	36	7.7	7.7	12.8
(3) Neutral	111	23.8	23.8	36.6
(4) Agree	223	47.8	47.8	84.4
(5) Strongly Agree	73	15.6	15.6	100.0
Total	467	100.0	100.0	

Using the clickers helped me get a better grade in this class

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	33	7.1	7.1	7.1
(2) Disagree	82	17.6	17.6	24.6
(3) Neutral	146	31.3	31.3	55.9
(4) Agree	152	32.5	32.5	88.4
(5) Strongly Agree	54	11.6	11.6	100.0
Total	467	100.0	100.0	

Clickers led me to become engaged in class

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	12	2.6	2.6	2.6
(2) Disagree	35	7.5	7.5	10.1
(3) Neutral	85	18.2	18.2	28.3
(4) Agree	250	53.5	53.5	81.8

(5) Strongly Agree	85	18.2	18.2	100.0
Total	467	100.0	100.0	

I feel the cost of the clicker was worth it

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	5	1.1	1.1	1.1
(1) Strongly Disagree	41	8.8	8.8	9.9
(2) Disagree	115	24.6	24.6	34.5
(3) Neutral	174	37.3	37.3	71.7
(4) Agree	108	23.1	23.1	94.9
(5) Strongly Agree	24	5.1	5.1	100.0
Total	467	100.0	100.0	

The introductory explanations on how to use the clicker were clear

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	11	2.4	2.4	2.4
(2) Disagree	47	10.1	10.1	12.4
(3) Neutral	115	24.6	24.6	37.0
(4) Agree	245	52.5	52.5	89.5
(5) Strongly Agree	49	10.5	10.5	100.0
Total	467	100.0	100.0	

Using clickers as a way of interacting in class is exciting

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	19	4.1	4.1	4.1
(2) Disagree	47	10.1	10.1	14.1
(3) Neutral	147	31.5	31.5	45.6
(4) Agree	202	43.3	43.3	88.9
(5) Strongly Agree	52	11.1	11.1	100.0
Total	467	100.0	100.0	

Having to use clickers had no effect on how I answered the questions

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	21	4.5	4.5	4.5
(2) Disagree	123	26.3	26.3	30.8
(3) Neutral	134	28.7	28.7	59.5
(4) Agree	148	31.7	31.7	91.2
(5) Strongly Agree	41	8.8	8.8	100.0

Total	467	100.0	100.0
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Using clickers in a course is a waste of time

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	78	16.7	16.7	16.7
(2) Disagree	226	48.4	48.4	65.1
(3) Neutral	97	20.8	20.8	85.9
(4) Agree	43	9.2	9.2	95.1
(5) Strongly Agree	23	4.9	4.9	100.0
Total	467	100.0	100.0	

Clickers had little impact on my learning

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	42	9.0	9.0	9.0
(2) Disagree	201	43.0	43.0	52.0
(3) Neutral	122	26.1	26.1	78.2
(4) Agree	78	16.7	16.7	94.9
(5) Strongly Agree	24	5.1	5.1	100.0
Total	467	100.0	100.0	

Clickers made it difficult for me to get a good grade in this class

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	149	31.9	31.9	31.9
(2) Disagree	228	48.8	48.8	80.7
(3) Neutral	58	12.4	12.4	93.1
(4) Agree	19	4.1	4.1	97.2
(5) Strongly Agree	13	2.8	2.8	100.0
Total	467	100.0	100.0	

Using clickers helped me to pay attention in class

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	12	2.6	2.6	2.6
(2) Disagree	46	9.9	9.9	12.4
(3) Neutral	83	17.8	17.8	30.2
(4) Agree	247	52.9	52.9	83.1
(5) Strongly Agree	79	16.9	16.9	100.0
Total	467	100.0	100.0	

It was easy to purchase my clicker at the bookstore

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid .00	2	.4	.4	.4
(1) Strongly Disagree	6	1.3	1.3	1.7
(2) Disagree	7	1.5	1.5	3.2
(3) Neutral	31	6.6	6.6	9.9
(4) Agree	300	64.2	64.2	74.1
(5) Strongly Agree	121	25.9	25.9	100.0
Total	467	100.0	100.0	

My instructor/TA was able to answer my questions about my clicker

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	15	3.2	3.2	3.2
(2) Disagree	36	7.7	7.7	10.9
(3) Neutral	165	35.3	35.3	46.3
(4) Agree	203	43.5	43.5	89.7
(5) Strongly Agree	48	10.3	10.3	100.0
Total	467	100.0	100.0	

After the introduction, I still wasn't sure how to use the clicker

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	88	18.8	18.8	18.8
(2) Disagree	262	56.1	56.1	74.9
(3) Neutral	69	14.8	14.8	89.7
(4) Agree	40	8.6	8.6	98.3
(5) Strongly Agree	8	1.7	1.7	100.0
Total	467	100.0	100.0	

Using clickers was annoying

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	75	16.1	16.1	16.1
(2) Disagree	190	40.7	40.7	56.7
(3) Neutral	103	22.1	22.1	78.8
(4) Agree	63	13.5	13.5	92.3
(5) Strongly Agree	36	7.7	7.7	100.0
Total	467	100.0	100.0	

I never thought about the clickers while answering questions

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	18	3.9	3.9	3.9
	(2) Disagree	132	28.3	28.3	32.1
	(3) Neutral	207	44.3	44.3	76.4
	(4) Agree	91	19.5	19.5	95.9
	(5) Strongly Agree	19	4.1	4.1	100.0
	Total	467	100.0	100.0	

I would take another course that used a clicker

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	11	2.4	2.4	2.4
	(2) Disagree	22	4.7	4.7	7.1
	(3) Neutral	119	25.5	25.5	32.5
	(4) Agree	246	52.7	52.7	85.2
	(5) Strongly Agree	69	14.8	14.8	100.0
	Total	467	100.0	100.0	

Clickers allow me to better understand concepts

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	21	4.5	4.5	4.5
	(2) Disagree	78	16.7	16.7	21.2
	(3) Neutral	159	34.0	34.0	55.2
	(4) Agree	166	35.5	35.5	90.8
	(5) Strongly Agree	43	9.2	9.2	100.0
	Total	467	100.0	100.0	

The clickers helped me do better on my exams

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	44	9.4	9.4	9.4
	(2) Disagree	112	24.0	24.0	33.4
	(3) Neutral	199	42.6	42.6	76.0
	(4) Agree	94	20.1	20.1	96.1
	(5) Strongly Agree	18	3.9	3.9	100.0
	Total	467	100.0	100.0	

The classroom environment was very lively and active thanks to the clickers

		Frequency	Percent	Valid Percent	Cumulative Percent
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Valid	(1) Strongly Disagree	23	4.9	4.9	4.9
	(2) Disagree	66	14.1	14.1	19.1
	(3) Neutral	152	32.5	32.5	51.6
	(4) Agree	176	37.7	37.7	89.3
	(5) Strongly Agree	50	10.7	10.7	100.0
	Total	467	100.0	100.0	

I didn't understand how to get a clicker

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	178	38.1	38.1	38.1
	(2) Disagree	242	51.8	51.8	89.9
	(3) Neutral	37	7.9	7.9	97.9
	(4) Agree	7	1.5	1.5	99.4
	(5) Strongly Agree	3	.6	.6	100.0
	Total	467	100.0	100.0	

My instructor/TA did not have answers to my questions about my clicker

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	80	17.1	17.1	17.1
	(2) Disagree	210	45.0	45.0	62.1
	(3) Neutral	118	25.3	25.3	87.4
	(4) Agree	43	9.2	9.2	96.6
	(5) Strongly Agree	16	3.4	3.4	100.0
	Total	467	100.0	100.0	

Using my clicker in class was simple

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	6	1.3	1.3	1.3
	(2) Disagree	18	3.9	3.9	5.1
	(3) Neutral	64	13.7	13.7	18.8
	(4) Agree	277	59.3	59.3	78.2
	(5) Strongly Agree	102	21.8	21.8	100.0
	Total	467	100.0	100.0	

I really enjoyed using the clickers

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	30	6.4	6.4	6.4
	(2) Disagree	39	8.4	8.4	14.8

(3) Neutral	156	33.4	33.4	48.2
(4) Agree	174	37.3	37.3	85.4
(5) Strongly Agree	68	14.6	14.6	100.0
Total	467	100.0	100.0	

I lost credit in class because my clicker response didn't register with the system

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	100	21.4	21.4	21.4
(2) Disagree	179	38.3	38.3	59.7
(3) Neutral	87	18.6	18.6	78.4
(4) Agree	72	15.4	15.4	93.8
(5) Strongly Agree	29	6.2	6.2	100.0
Total	467	100.0	100.0	

I will avoid classes using clickers in the future

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	97	20.8	20.8	20.8
(2) Disagree	230	49.3	49.3	70.0
(3) Neutral	100	21.4	21.4	91.4
(4) Agree	28	6.0	6.0	97.4
(5) Strongly Agree	12	2.6	2.6	100.0
Total	467	100.0	100.0	

The clickers did not help me to understand concepts better

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	51	10.9	10.9	10.9
(2) Disagree	197	42.2	42.2	53.1
(3) Neutral	118	25.3	25.3	78.4
(4) Agree	80	17.1	17.1	95.5
(5) Strongly Agree	21	4.5	4.5	100.0
Total	467	100.0	100.0	

Using the clickers did not help me score higher on the exams

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	26	5.6	5.6	5.6
(2) Disagree	120	25.7	25.7	31.3
(3) Neutral	156	33.4	33.4	64.7
(4) Agree	130	27.8	27.8	92.5

(5) Strongly Agree	35	7.5	7.5	100.0
Total	467	100.0	100.0	

I would have liked to see more class interaction

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	12	2.6	2.6	2.6
(2) Disagree	110	23.6	23.6	26.1
(3) Neutral	207	44.3	44.3	70.4
(4) Agree	124	26.6	26.6	97.0
(5) Strongly Agree	14	3.0	3.0	100.0
Total	467	100.0	100.0	

Registering my clicker was a simple process

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	32	6.9	6.9	6.9
(2) Disagree	88	18.8	18.8	25.7
(3) Neutral	90	19.3	19.3	45.0
(4) Agree	203	43.5	43.5	88.4
(5) Strongly Agree	54	11.6	11.6	100.0
Total	467	100.0	100.0	

Technical support was available when I needed it

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	13	2.8	2.8	2.8
(2) Disagree	44	9.4	9.4	12.2
(3) Neutral	282	60.4	60.4	72.6
(4) Agree	107	22.9	22.9	95.5
(5) Strongly Agree	21	4.5	4.5	100.0
Total	467	100.0	100.0	

I sometimes had difficulty using my clicker in class

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	33	7.1	7.1	7.1
(2) Disagree	192	41.1	41.1	48.2
(3) Neutral	80	17.1	17.1	65.3
(4) Agree	145	31.0	31.0	96.4
(5) Strongly Agree	17	3.6	3.6	100.0
Total	467	100.0	100.0	

I would recommend that the instructor continue to use clickers

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	29	6.2	6.2	6.2
(2) Disagree	31	6.6	6.6	12.8
(3) Neutral	118	25.3	25.3	38.1
(4) Agree	203	43.5	43.5	81.6
(5) Strongly Agree	86	18.4	18.4	100.0
Total	467	100.0	100.0	

The clickers really helped me better prepare for exams

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	39	8.4	8.4	8.4
(2) Disagree	145	31.0	31.0	39.4
(3) Neutral	163	34.9	34.9	74.3
(4) Agree	94	20.1	20.1	94.4
(5) Strongly Agree	26	5.6	5.6	100.0
Total	467	100.0	100.0	

I got higher scores on my assignments because of the clicker

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	40	8.6	8.6	8.6
(2) Disagree	124	26.6	26.6	35.1
(3) Neutral	161	34.5	34.5	69.6
(4) Agree	115	24.6	24.6	94.2
(5) Strongly Agree	27	5.8	5.8	100.0
Total	467	100.0	100.0	

Clickers facilitated good interaction among students in the class

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	18	3.9	3.9	3.9
(2) Disagree	44	9.4	9.4	13.3
(3) Neutral	114	24.4	24.4	37.7
(4) Agree	234	50.1	50.1	87.8
(5) Strongly Agree	57	12.2	12.2	100.0
Total	467	100.0	100.0	

I was a little lost when it came to registering my clicker

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	50	10.7	10.7	10.7
	(2) Disagree	199	42.6	42.6	53.3
	(3) Neutral	80	17.1	17.1	70.4
	(4) Agree	108	23.1	23.1	93.6
	(5) Strongly Agree	30	6.4	6.4	100.0
	Total	467	100.0	100.0	

I needed better technical support with my clicker

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	42	9.0	9.0	9.0
	(2) Disagree	217	46.5	46.5	55.5
	(3) Neutral	141	30.2	30.2	85.7
	(4) Agree	53	11.3	11.3	97.0
	(5) Strongly Agree	14	3.0	3.0	100.0
	Total	467	100.0	100.0	

I would hope the instructor would think twice about using clickers in the future

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	74	15.8	15.8	15.8
	(2) Disagree	205	43.9	43.9	59.7
	(3) Neutral	121	25.9	25.9	85.7
	(4) Agree	45	9.6	9.6	95.3
	(5) Strongly Agree	22	4.7	4.7	100.0
	Total	467	100.0	100.0	

The clickers were not much help in preparing for exams

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	24	5.1	5.1	5.1
	(2) Disagree	116	24.8	24.8	30.0
	(3) Neutral	133	28.5	28.5	58.5
	(4) Agree	149	31.9	31.9	90.4
	(5) Strongly Agree	45	9.6	9.6	100.0
	Total	467	100.0	100.0	

Clickers did not stimulate interaction with my classmates

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	65	13.9	13.9	13.9
	(2) Disagree	235	50.3	50.3	64.2
	(3) Neutral	95	20.3	20.3	84.6
	(4) Agree	55	11.8	11.8	96.4
	(5) Strongly Agree	17	3.6	3.6	100.0
	Total	467	100.0	100.0	

I would recommend this course to others

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	21	4.5	4.5	4.5
	(2) Disagree	29	6.2	6.2	10.7
	(3) Neutral	135	28.9	28.9	39.6
	(4) Agree	216	46.3	46.3	85.9
	(5) Strongly Agree	66	14.1	14.1	100.0
	Total	467	100.0	100.0	

Clickers helped me understand the course material

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	20	4.3	4.3	4.3
	(2) Disagree	80	17.1	17.1	21.4
	(3) Neutral	144	30.8	30.8	52.2
	(4) Agree	194	41.5	41.5	93.8
	(5) Strongly Agree	29	6.2	6.2	100.0
	Total	467	100.0	100.0	

Clickers made interaction with my instructor more effective during class

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	19	4.1	4.1	4.1
	(2) Disagree	70	15.0	15.0	19.1
	(3) Neutral	146	31.3	31.3	50.3
	(4) Agree	190	40.7	40.7	91.0
	(5) Strongly Agree	42	9.0	9.0	100.0
	Total	467	100.0	100.0	

I would not recommend this course to a fellow student

		Frequency	Percent	Valid Percent	Cumulative Percent

Valid	(1) Strongly Disagree	75	16.1	16.1	16.1
	(2) Disagree	197	42.2	42.2	58.2
	(3) Neutral	127	27.2	27.2	85.4
	(4) Agree	50	10.7	10.7	96.1
	(5) Strongly Agree	18	3.9	3.9	100.0
	Total	467	100.0	100.0	

Clickers helped me get instant feedback on what I knew and didn't know

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	5	1.1	1.1	1.1
	(2) Disagree	40	8.6	8.6	9.6
	(3) Neutral	66	14.1	14.1	23.8
	(4) Agree	257	55.0	55.0	78.8
	(5) Strongly Agree	99	21.2	21.2	100.0
	Total	467	100.0	100.0	

Using clickers did not improve my assignment grades

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	32	6.9	6.9	6.9
	(2) Disagree	141	30.2	30.2	37.0
	(3) Neutral	154	33.0	33.0	70.0
	(4) Agree	107	22.9	22.9	92.9
	(5) Strongly Agree	33	7.1	7.1	100.0
	Total	467	100.0	100.0	

The clickers made it difficult to communicate very well with my instructor

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	42	9.0	9.0	9.0
	(2) Disagree	265	56.7	56.7	65.7
	(3) Neutral	137	29.3	29.3	95.1
	(4) Agree	22	4.7	4.7	99.8
	(5) Strongly Agree	1	.2	.2	100.0
	Total	467	100.0	100.0	

The clickers used in this course motivated me to learn

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	(1) Strongly Disagree	18	3.9	3.9	3.9
	(2) Disagree	108	23.1	23.1	27.0

(3) Neutral	170	36.4	36.4	63.4
(4) Agree	144	30.8	30.8	94.2
(5) Strongly Agree	27	5.8	5.8	100.0
Total	467	100.0	100.0	

Clickers failed to help me identify what I still needed to learn

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	41	8.8	8.8	8.8
(2) Disagree	214	45.8	45.8	54.6
(3) Neutral	128	27.4	27.4	82.0
(4) Agree	69	14.8	14.8	96.8
(5) Strongly Agree	15	3.2	3.2	100.0
Total	467	100.0	100.0	

Clickers increased the frequency of my participation in the course

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	12	2.6	2.6	2.6
(2) Disagree	38	8.1	8.1	10.7
(3) Neutral	86	18.4	18.4	29.1
(4) Agree	246	52.7	52.7	81.8
(5) Strongly Agree	85	18.2	18.2	100.0
Total	467	100.0	100.0	

The clickers made it easy to connect ideas together

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	15	3.2	3.2	3.2
(2) Disagree	71	15.2	15.2	18.4
(3) Neutral	168	36.0	36.0	54.4
(4) Agree	181	38.8	38.8	93.1
(5) Strongly Agree	32	6.9	6.9	100.0
Total	467	100.0	100.0	

The clickers did not increase my participation in class

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	75	16.1	16.1	16.1
(2) Disagree	256	54.8	54.8	70.9
(3) Neutral	71	15.2	15.2	86.1
(4) Agree	49	10.5	10.5	96.6

(5) Strongly Agree	16	3.4	3.4	100.0
Total	467	100.0	100.0	

Using clickers helped me think more deeply about course materials

	Frequency	Percent	Valid Percent	Cumulative Percent
Valid (1) Strongly Disagree	19	4.1	4.1	4.1
(2) Disagree	80	17.1	17.1	21.2
(3) Neutral	162	34.7	34.7	55.9
(4) Agree	171	36.6	36.6	92.5
(5) Strongly Agree	35	7.5	7.5	100.0
Total	467	100.0	100.0	