Survey Background

intro .

Study of Ways to Present Student Evaluations of Teaching

Thanks for helping evaluate different ways to present your Student Evaluation of Teaching (SET) results. Researchers in the Office of Undergraduate Education and the Department of Computer Science are looking at different ways to present your SET information.

Usual Approach. As you know, at the end of each semester, all Carolina instructors receive a PDF report summarizing their SETs for the courses they taught that semester. You receive a PDF for each course taught in the semester. There is a section summarizing your quantitative findings (rating scales) and then there is a listing of all of your comments from students.

Comparison Approach. Using statistical and machine learning methods as well as visualization tools, we aim to provide an alternative presentation of SET reports to help instructors better understand the SET information. It is a prototype that only includes two quantitative items as well as the open-ended comments.

To access the demonstration website, please go to this website (use the username and password we provided):

Demonstration SET Website

In your instructor role, please think about the SET interpretations from two approaches differ and what you do and do not prefer. You may refer to previous SET reports if you would like to help with the comparison.

Name. Please list your name and address to send your Meantime Coffee card. Thanks!

[   ]

Part 1. Questions about your experience with the typical SET report

usual. **1. Please rate your experience with your SET reports that are usually provided at the end of the semester for your courses ("the Usual Approach").**

How useful are they for you in summarizing students'.... *select one for each*

	Not at all useful	Slightly useful	Moderately useful	Very useful	Extremely useful
a. Quantitative ratings of your course and teaching?	○	○	○	○	○
b. Open-ended comments about your course and teaching?	○	○	○	○	○

Part 2. Questions about your website (Quantitative Ratings)

quant . **2. Now we would like you to turn your attention to the demonstration website ("the Comparison Approach").**

We will first ask you to examine at summaries for two sample quantitative questions about the course experience. (This is the first page you will be taken to once you have selected a term and course.)

How useful are these new features? *rate one per statement*

	not at all useful	not useful	equally useful and not useful	useful	very useful
a. The response rate for each quantitative question is displayed.	○	○	○	○	○
b. The ratio of positive to negative comments is shown. (Positive = ratings of 4 or 5 while Negative = ratings of 1, 2, 3).	○	○	○	○	○

Part 3. Questions about our website (Open-ended Comments)

open . **3. We have more questions about the demonstration website ("the Comparison Approach") -- this time about the open-ended comments that students provide. (You can use the menu or icon at top left to switch to open-ended comments summary.)**

How useful are these new features? *rate one per statement*

	not at all useful	not useful	equally useful and not useful	useful	very useful
a. The response rate for the open-ended comments is displayed.	○	○	○	○	○
b. The ratio of positive to negative comments is shown (i.e., positive/negative are defined using machine learning methods).	○	○	○	○	○
c. Comments are clustered into bubbles by topic areas.	○	○	○	○	○
d. Hovering over topic bubbles shows the top comment sentences (in terms of centrality).	○	○	○	○	○
e. When you click into the bubbles, you can see original comments of the top sentences related to topic bubbles by clicking the dropdown.	○	○	○	○	○
f. You can see a scatterplot and table with all comment sentences related to the specific topics when you click into the bubbles.	○	○	○	○	○
g. You can choose to rank the comments from most positive to most negative or from negative to positive in the list of all comments.	○	○	○	○	○

Part 4. Questions about overall experience with our website

website . **4. We are interested in how efficiently and accurately you can interpret results with these different options.**

Overall, compared to the Usual SET Approach, the new demonstration website helps me... *rate one per statement*

	Definitely not	Probably not	Might or might not	Probably yes	Definitely yes

	Definitely not	Probably not	Might or might not	Probably yes	Definitely yes
a. interpret my SET results more efficiently.	○	○	○	○	○
b. interpret my SET results with less bias.	○	○	○	○	○

overall. **5. We are interested if you have any initial preferences about how you receive your SET findings.** *Please select one from below.*

○ I prefer the Usual Approach (SET pdf).

○ I prefer the Comparison Approach (SET website with visualizations, with options to print).

○ I will like to have both approaches.

○ _____ Other, please specify:

comments

final. **6. Finally, please use the space below to recommend any additional comments, suggestions, critiques, and needed new features for future SET presentations.**

Powered by Qualtrics

SETSum Human Evaluation Report

SETSum

February 11, 2022 7:14 PM MST

usual - 1. Please rate your experience with your SET reports that are usually provided at the end of the semester for your courses ("the Usual Approach"). How useful are they for you in summarizing students'.... select one for each

| Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
a. Quantitative ratings of your course and teaching?	2.00	4.00	3.10	0.70	0.49	10
b. Open-ended comments about your course and teaching?	1.00	5.00	3.00	1.26	1.60	10

#	Field	Not at all useful	Slightly useful	Moderately useful	Very useful	Extremely useful	Total
2	b. Open-ended comments about your course and teaching?	10.00% 1	30.00% 3	30.00% 3	10.00% 1	20.00% 2	10
1	a. Quantitative ratings of your course and teaching?	0.00% 0	20.00% 2	50.00% 5	30.00% 3	0.00% 0	10

Showing rows 1 - 2 of 2

usual - a. Quantitative ratings of your course and teaching?

20% Slightly useful	50% Moderately useful	30% Very useful

- Not at all useful (0%, 0)
- Slightly useful (20%, 2)
- Moderately useful (50%, 5)
- Very useful (30%, 3)
- Extremely useful (0%, 0)

usual - b. Open-ended comments about your course and teaching?
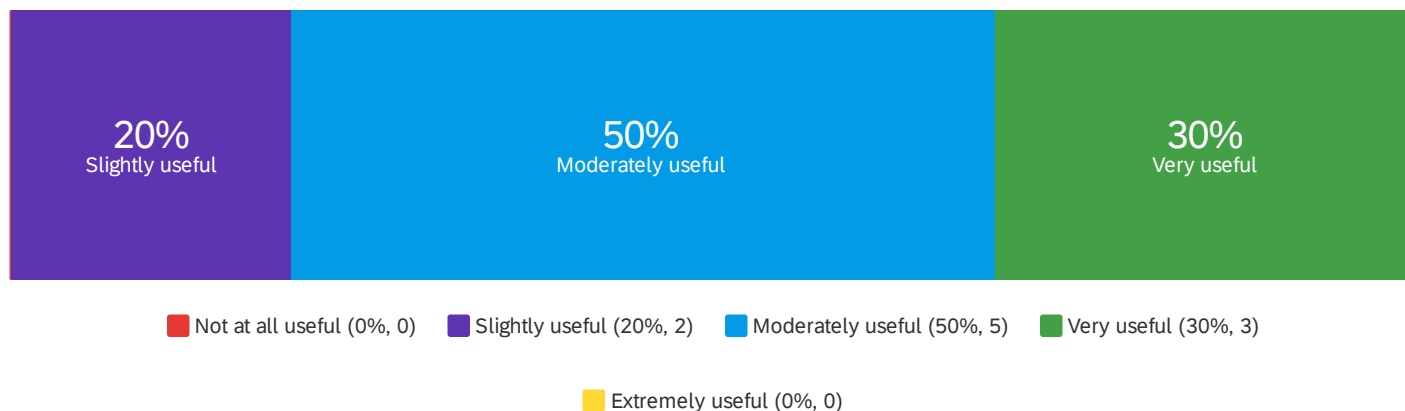
	30% Slightly useful	30% Moderately useful		20% Extremely useful
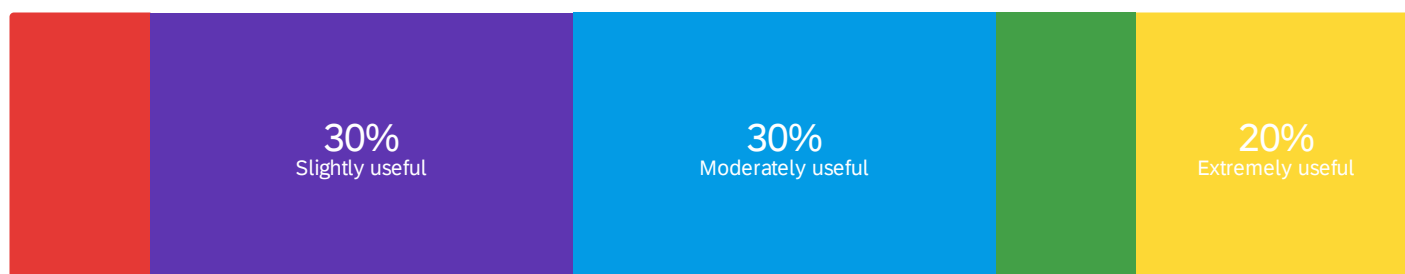
■ Not at all useful (10%, 1)　■ Slightly useful (30%, 3)　■ Moderately useful (30%, 3)　■ Very useful (10%, 1)

■ Extremely useful (20%, 2)

quant - 2. Now we would like you to turn your attention to the demonstration website ("the Comparison Approach"). We will first ask you to examine at summaries for two sample quantitative questions about the course experience. (This is the first page you will be taken to once you have selected a term and course.) How useful are these new features?

rate one per statement

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	a. The response rate for each quantitative question is displayed.	2.00	5.00	3.90	0.94	0.89	10
2	b. The ratio of positive to negative comments is shown. (Positive = ratings of 4 or 5 while Negative = ratings of 1, 2, 3).	3.00	5.00	4.00	0.77	0.60	10

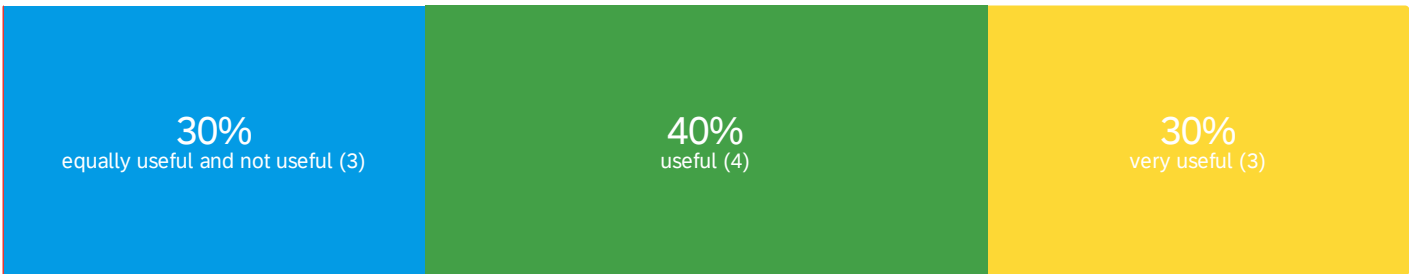| #	Field	not at all useful	not useful	equally useful and not useful	useful	very useful	Total
1	a. The response rate for each quantitative question is displayed.	0.00% 0	10.00% 1	20.00% 2	40.00% 4	30.00% 3	10
2	b. The ratio of positive to negative comments is shown. (Positive = ratings of 4 or 5 while Negative = ratings of 1, 2, 3).	0.00% 0	0.00% 0	30.00% 3	40.00% 4	30.00% 3	10

Showing rows 1 - 2 of 2

quant - a. The response rate for each quantitative question is displayed.
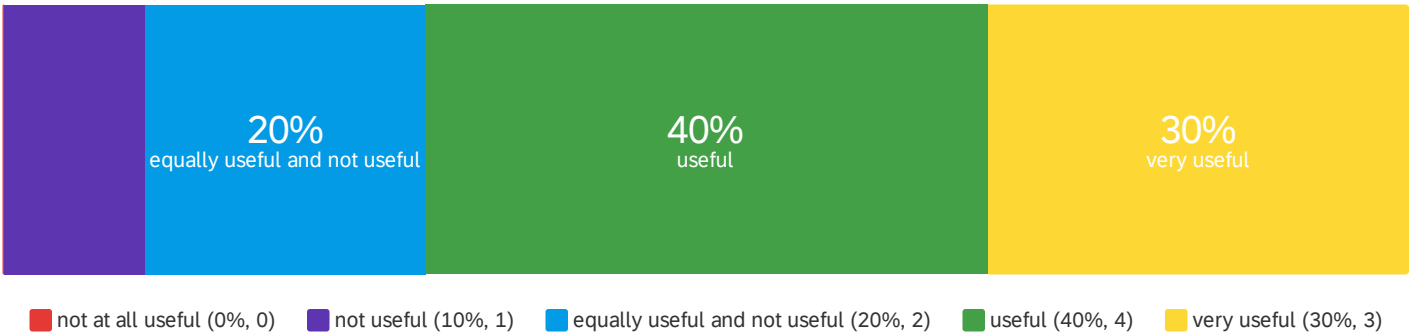
- not at all useful (0%, 0) ■ not useful (10%, 1) ■ equally useful and not useful (20%, 2) ■ useful (40%, 4) ■ very useful (30%, 3)

quant - b. The ratio of positive to negative comments is shown. (Positive = ratings of 4 or 5 while Negative = ratings of 1, 2, 3).

open - 3. We have more questions about the demonstration website ("the Comparison Approach") -- this time about the open-ended comments that students provide. (You can use the menu or icon at top left to switch to open-ended comments summary.) How useful are these new features? rate one per statement

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	a. The response rate for the open-ended comments is displayed.	3.00	5.00	4.00	0.45	0.20	10
2	b. The ratio of positive to negative comments is shown (i.e., positive/negative are defined using machine learning methods).	2.00	5.00	3.90	0.70	0.49	10
3	c. Comments are clustered into bubbles by topic areas.	3.00	5.00	4.30	0.64	0.41	10
4	d. Hovering over topic bubbles shows the top comment sentences (in terms of centrality).	2.00	5.00	4.20	0.98	0.96	10
5	e. When you click into the bubbles, you can see original comments of the top sentences related to topic bubbles by clicking the dropdown.	3.00	5.00	4.30	0.64	0.41	10
6	f. You can see a scatterplot and table with all comment sentences related to the specific topics when you click into the bubbles.	2.00	4.00	3.40	0.80	0.64	10
7	g. You can choose to rank the comments from most positive to most negative or from negative to positive in the list of all comments.	2.00	4.00	3.40	0.66	0.44	10

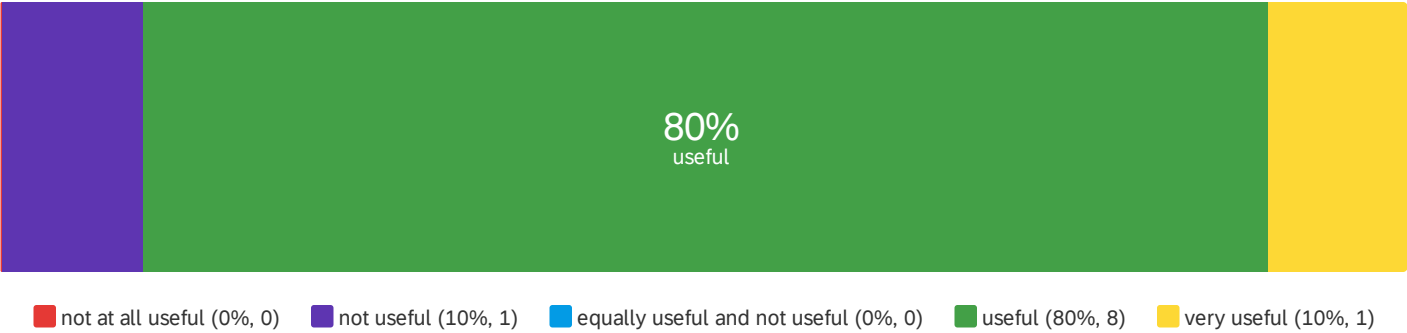| #	Field	not at all useful	not useful	equally useful and not useful	useful	very useful	Total
1	a. The response rate for the open-ended comments is displayed.	0.00% 0	0.00% 0	10.00% 1	80.00% 8	10.00% 1	10
2	b. The ratio of positive to negative comments is shown (i.e., positive/negative are defined using machine learning methods).	0.00% 0	10.00% 1	0.00% 0	80.00% 8	10.00% 1	10
3	c. Comments are clustered into bubbles by topic areas.	0.00% 0	0.00% 0	10.00% 1	50.00% 5	40.00% 4	10
4	d. Hovering over topic bubbles shows the top comment sentences (in terms of centrality).	0.00% 0	10.00% 1	10.00% 1	30.00% 3	50.00% 5	10
5	e. When you click into the bubbles, you can see original comments of the top sentences related to topic bubbles by clicking the dropdown.	0.00% 0	0.00% 0	10.00% 1	50.00% 5	40.00% 4	10
6	f. You can see a scatterplot and table with all comment sentences related to the specific topics when you click into the bubbles.	0.00% 0	20.00% 2	20.00% 2	60.00% 6	0.00% 0	10
7	g. You can choose to rank the comments from most positive to most negative or from negative to positive in the list of all comments.	0.00% 0	10.00% 1	40.00% 4	50.00% 5	0.00% 0	10

Showing rows 1 - 7 of 7

open - a. The response rate for the open-ended comments is displayed.
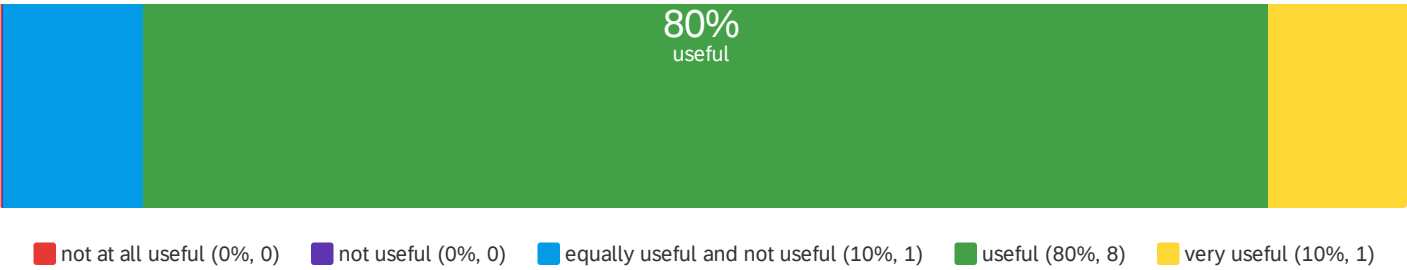
80%
useful

not at all useful (0%, 0) not useful (0%, 0) equally useful and not useful (10%, 1) useful (80%, 8) very useful (10%, 1)

open - b. The ratio of positive to negative comments is shown (i.e., positive/negative are defined using machine learning methods).

80%
useful

not at all useful (0%, 0) not useful (10%, 1) equally useful and not useful (0%, 0) useful (80%, 8) very useful (10%, 1)

open - c. Comments are clustered into bubbles by topic areas.

50%
useful

40%
very useful

not at all useful (0%, 0) not useful (0%, 0) equally useful and not useful (10%, 1) useful (50%, 5) very useful (40%, 4)

open - d. Hovering over topic bubbles shows the top comment sentences (in terms of centrality).

30%
useful

50%
very useful

not at all useful (0%, 0) not useful (10%, 1) equally useful and not useful (10%, 1) useful (30%, 3) very useful (50%, 5)

open - e. When you click into the bubbles, you can see original comments of the top sentences related to topic bubbles by clicking the dropdown.

50%
useful

40%
very useful

not at all useful (0%, 0)   not useful (0%, 0)   equally useful and not useful (10%, 1)   useful (50%, 5)   very useful (40%, 4)

open - f. You can see a scatterplot and table with all comment sentences related to the specific topics when you click into the bubbles.

| 20% | 20% | 60% |
| not useful | equally useful and not useful | useful |

not at all useful (0%, 0)   not useful (20%, 2)   equally useful and not useful (20%, 2)   useful (60%, 6)   very useful (0%, 0)

open - g. You can choose to rank the comments from most positive to most negative or from negative to positive in the list of all comments.

| | 40% | 50% |
| | equally useful and not useful | useful |

not at all useful (0%, 0)   not useful (10%, 1)   equally useful and not useful (40%, 4)   useful (50%, 5)   very useful (0%, 0)

website - 4. We are interested in how efficiently and accurately you can interpret results with these different options. Overall, compared to the Usual SET Approach, the new demonstration website helps me... rate one per statement

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	a. interpret my SET results more efficiently.	4.00	5.00	4.20	0.40	0.16	10
2	b. interpret my SET results with less bias.	2.00	4.00	3.30	0.64	0.41	10

#	Field	Definitely not	Probably not	Might or might not	Probably yes	Definitely yes	Total
1	a. interpret my SET results more efficiently.	0.00% 0	0.00% 0	0.00% 0	80.00% 8	20.00% 2	10
2	b. interpret my SET results with less bias.	0.00% 0	10.00% 1	50.00% 5	40.00% 4	0.00% 0	10

Showing rows 1 - 2 of 2

website - a. interpret my SET results more efficiently.

80% Probably yes	20% Definitely yes
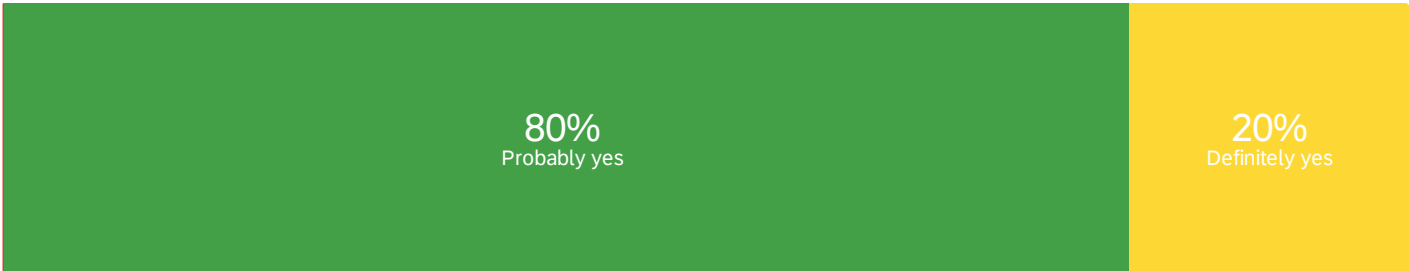
■ Definitely not (0%, 0)   ■ Probably not (0%, 0)   ■ Might or might not (0%, 0)   ■ Probably yes (80%, 8)   ■ Definitely yes (20%, 2)
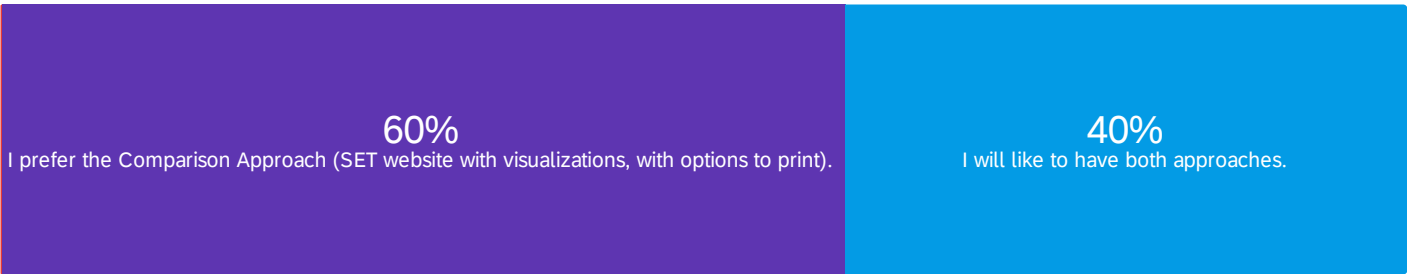
website - b. interpret my SET results with less bias.

	50% Might or might not	40% Probably yes
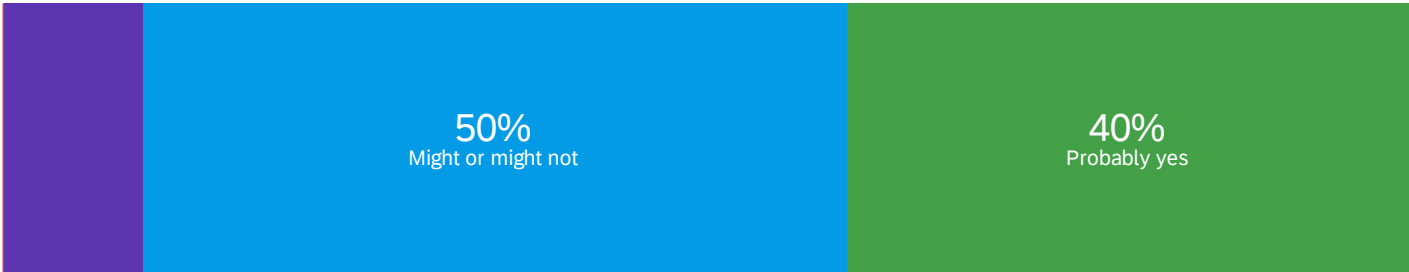
■ Definitely not (0%, 0)   ■ Probably not (10%, 1)   ■ Might or might not (50%, 5)   ■ Probably yes (40%, 4)   ■ Definitely yes (0%, 0)

#	Field	Minimum	Maximum	Mean	Std Deviation	Variance	Count
1	5. We are interested if you have any initial preferences about how you receive your SET findings. Please select one from below. - Selected Choice	2.00	3.00	2.40	0.49	0.24	10

60% I prefer the Comparison Approach (SET website with visualizations, with options to print).	40% I will like to have both approaches.

■ I prefer the Usual Approach (SET pdf). (0%, 0)

■ I prefer the Comparison Approach (SET website with visualizations, with options to print). (60%, 6)

■ I will like to have both approaches. (40%, 4)

#	Field	Choice Count
1	I prefer the Usual Approach (SET pdf).	0.00% 0
2	I prefer the Comparison Approach (SET website with visualizations, with options to print).	60.00% 6
3	I will like to have both approaches.	40.00% 4
4	Other, please specify:	0.00% 0
		10

Showing rows 1 - 5 of 5

overall_4_TEXT - Other, please specify:

Other, please specify: