COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

2014 College Senior Survey

CIRP Longitudinal Construct Reports

Graduating Seniors

Illinois Wesleyan University

Comparison group 1:   Nonsectarian 4yr Colleges
Comparison group 2:   Nonsectarian, Catholic, Other Religious 4yr Colleges

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

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CIRP COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM *at the* HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

Mean – The arithmetic mean is computed for each CIRP Construct. The CIRP Freshman Survey Constructs and the non-longitudinal CSS Constructs have been scaled to a mean of 50 and a standard deviation of 10. The longitudinal CSS construct scores have been adjusted upwards or downwards from a mean of 50 during the IRT scoring process depending on the direction of change in the population, the standard deviation remains 10.

Mean Charts – Provide a visual display of relevant construct scores for your institution and two comparison groups. The Y-axis is defined by the highest and lowest possible construct score. Mean scores are represented by circles. The numbers at the top and bottom of the vertical line are values for the 75th and

Statistical Significance – Uses t-test to examine the difference between the mean construct score on the CIRP Freshman Survey and CSS. Constructs with mean differences that are larger than would be expected by chance are noted with one, two, or three stars, which correspond to the three standard levels of significance (*p<.05, **p<.01, and ***p<.001). Statistical significance measures the extent to which a difference is occurring by chance, not the extent to which a difference is important. Large sample sizes (like those in the comparison groups) tend to generate statistical significance even though the magnitude of the difference may be small and not practically significant. In order to provide additional context to statistical significance, an effect size
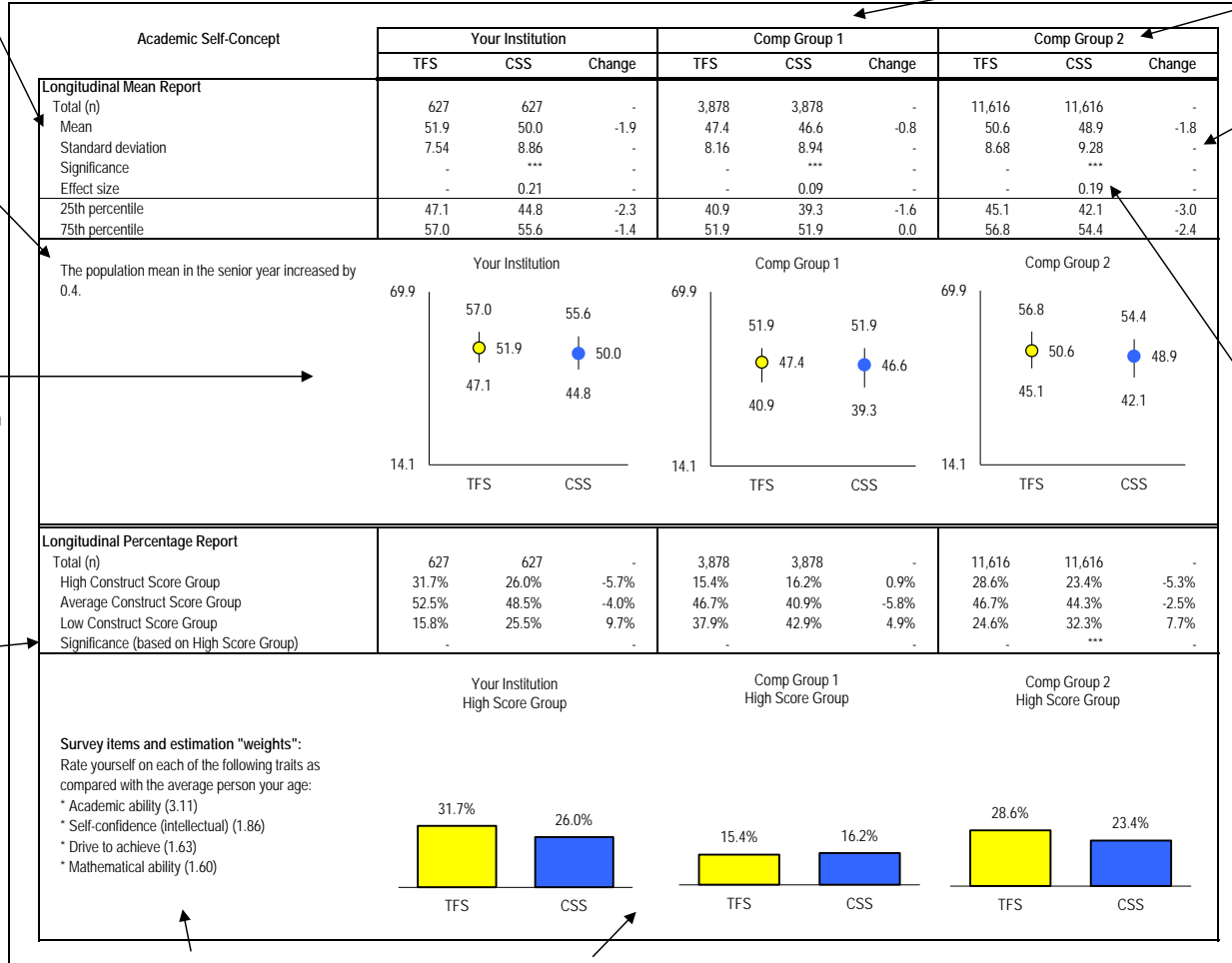
The scores for the longitudinal CIRP Constructs were derived using IRT methods specifically designed to measure within-person change, allowing institutions to measure change among their student population over time as well as to compare the change in their student population to that of their comparison groups. The top portion of this report shows comparative information based on the mean score of a construct and the bottom portion shows the information based on the percentage of students who score in the high, average and low score groups for the construct.

Comp 1 – The first comparison group is based on your institution's type and control.

Comp 2 – The second comparison group is based on a similar grouping of institution by type and control.

Standard Deviation – Measures the variability around the mean. A small standard deviation indicates that the responses for the construct tend to be very close to the mean, whereas a large standard deviation indicates that the responses are spread over a larger range of response options.

Effect Size – Determines the practical significance of the mean difference between the TFS and the CSS. It is calculated by dividing the mean differences between the TFS and the CSS by the standard deviation of the CSS. Generally, an effect size of .2 is considered small, .5 medium, and .8 large. A positive effect size indicates that the construct score of the CSS is greater than the TFS; a negative sign indicates that the construct score of the CSS is smaller than the TFS.

Academic Self-Concept	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	627	627	-	3,878	3,878	-	11,616	11,616	-
Mean	51.9	50.0	-1.9	47.4	46.6	-0.8	50.6	48.9	-1.8
Standard deviation	7.54	8.86	-	8.16	8.94	-	8.68	9.28	-
Significance	-	***	-	-	***	-	-	***	-
Effect size	-	0.21	-	-	0.09	-	-	0.19	-
25th percentile	47.1	44.8	-2.3	40.9	39.3	-1.6	45.1	42.1	-3.0
75th percentile	57.0	55.6	-1.4	51.9	51.9	0.0	56.8	54.4	-2.4

The population mean in the senior year increased by 0.4.

Your Institution
69.9
57.0   55.6
○ 51.9   ● 50.0
47.1   44.8
14.1
TFS   CSS

Comp Group 1
69.9
51.9   51.9
○ 47.4   ● 46.6
40.9   39.3
14.1
TFS   CSS

Comp Group 2
69.9
56.8   54.4
○ 50.6   ● 48.9
45.1   42.1
14.1
TFS   CSS

	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	627	627	-	3,878	3,878	-	11,616	11,616	-
High Construct Score Group	31.7%	26.0%	-5.7%	15.4%	16.2%	0.9%	28.6%	23.4%	-5.3%
Average Construct Score Group	52.5%	48.5%	-4.0%	46.7%	40.9%	-5.8%	46.7%	44.3%	-2.5%
Low Construct Score Group	15.8%	25.5%	9.7%	37.9%	42.9%	4.9%	24.6%	32.3%	7.7%
Significance (based on High Score Group)	-	-	-	-	-	-	-	***	-

Your Institution
High Score Group

Comp Group 1
High Score Group

Comp Group 2
High Score Group

Survey items and estimation "weights":
Rate yourself on each of the following traits as compared with the average person your age:
* Academic ability (3.11)
* Self-confidence (intellectual) (1.86)
* Drive to achieve (1.63)
* Mathematical ability (1.60)

Your Institution: 31.7% (TFS), 26.0% (CSS)
Comp Group 1: 15.4% (TFS), 16.2% (CSS)
Comp Group 2: 28.6% (TFS), 23.4% (CSS)

Survey Items and Estimation "Weights" – The survey items used in the creation of the CIRP Construct are presented in the order in which they contribute to the construct along with the estimation weights generated in IRT. Items that tap into a trait more effectively are given greater weight in the estimation process.

Percentage Charts – Provide a visual display of the construct "High Score Group" percentages for your institution and two comparison groups. "High" represents students who scored one-half standard deviation or more above mean (higher than 55).

Habits of Mind
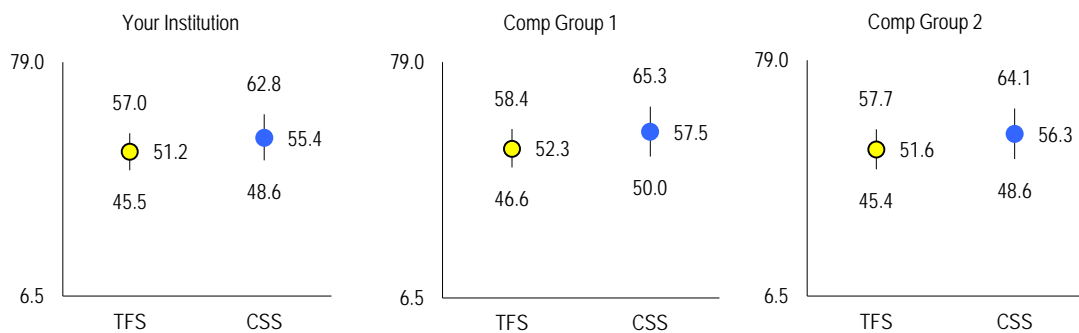## CIRP Longitudinal Construct Report
All Respondents

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	173	173	-	1,790	1,790	-	5,271	5,271	-
Mean	51.2	55.4	4.2	52.3	57.5	5.2	51.6	56.3	4.7
Standard deviation	8.37	10.57	-	8.78	11.24	-	9.02	11.38	-
Significance	-	***	-	-	***	-	-	***	-
Effect size	-	0.40	-	-	0.46	-	-	0.42	-
25th percentile	45.5	48.6	3.1	46.6	50.0	3.4	45.4	48.6	3.2
75th percentile	57.0	62.8	5.8	58.4	65.3	6.9	57.7	64.1	6.4

The population mean in the senior year increased by 1.7.

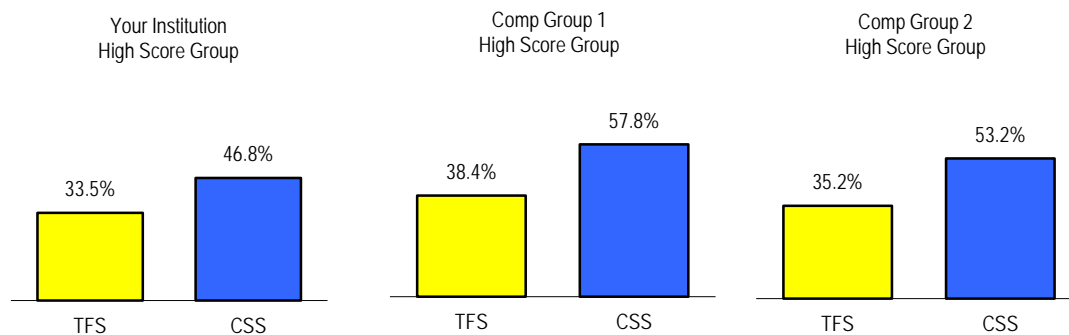Survey items and estimation "weights":
How often in the past year did you:
* Support your opinions with a logical argument (2.30)
* Seek solutions to problems and explain them to others (2.25)
* Seek alternative solutions to a problem (1.90)
* Evaluate the quality or reliability of information you received (1.73)
* Ask questions in class (1.50)

Your Institution / Comp Group 1 / Comp Group 2 — TFS vs CSS mean plots

	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	173	173	-	1,790	1,790	-	5,271	5,271	-
High Construct Score Group	33.5%	46.8%	13.3%	38.4%	57.8%	19.4%	35.2%	53.2%	18.0%
Average Construct Score Group	42.8%	38.2%	-4.6%	42.0%	29.2%	-12.8%	41.1%	30.7%	-10.4%
Low Construct Score Group	23.7%	15.0%	-8.7%	19.7%	13.1%	-6.6%	23.7%	16.1%	-7.6%
Significance (based on High Score Group)	-	-	-	-	***	-	-	***	-

Survey items and estimation "weights":
(continued)
* Take a risk because you felt you had more to gain (1.39)
* Seek feedback on your academic work (1.28)
* Explore topics on your own, even though it was not required for a class (1.24)
* Revise your papers to improve your writing (1.15)
* Look up scientific research articles and resources (0.73)
* Accept mistakes as part of the learning process (0.69)

Your Institution / Comp Group 1 / Comp Group 2 — High Score Group bar charts (TFS vs CSS): 33.5%, 46.8%; 38.4%, 57.8%; 35.2%, 53.2%

Academic Self-Concept
CIRP Longitudinal Construct Report
All Respondents

![CIRP logo] COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM *at the* HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	157	157	-	1,684	1,684	-	4,876	4,876	-
Mean	51.6	50.9	-0.7	50.1	50.2	0.0	49.9	50.1	0.2
Standard deviation	7.63	8.16	-	8.41	9.30	-	8.51	9.24	-
Significance	-		-	-		-	-		-
Effect size	-	-0.09	-	-	0.00	-	-	0.02	-
25th percentile	46.4	46.2	-0.2	44.5	44.1	-0.4	44.2	43.9	-0.3
75th percentile	56.7	55.5	-1.2	55.7	56.4	0.7	55.3	56.3	1.0

The population mean in the senior year increased by 0.4.

Your Institution

72.1

56.7   55.5
○ 51.6   ● 50.9
46.4   46.2

10.6
   TFS   CSS

Comp Group 1

72.1

55.7   56.4
○ 50.1   ● 50.2
44.5   44.1

10.6
   TFS   CSS

Comp Group 2

72.1

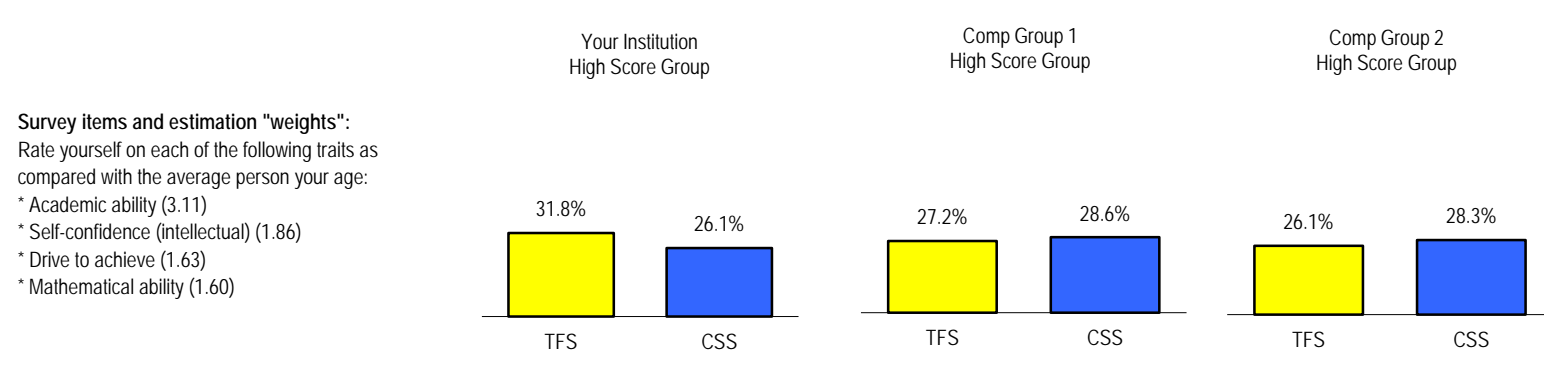55.3   56.3
○ 49.9   ● 50.1
44.2   43.9

10.6
   TFS   CSS
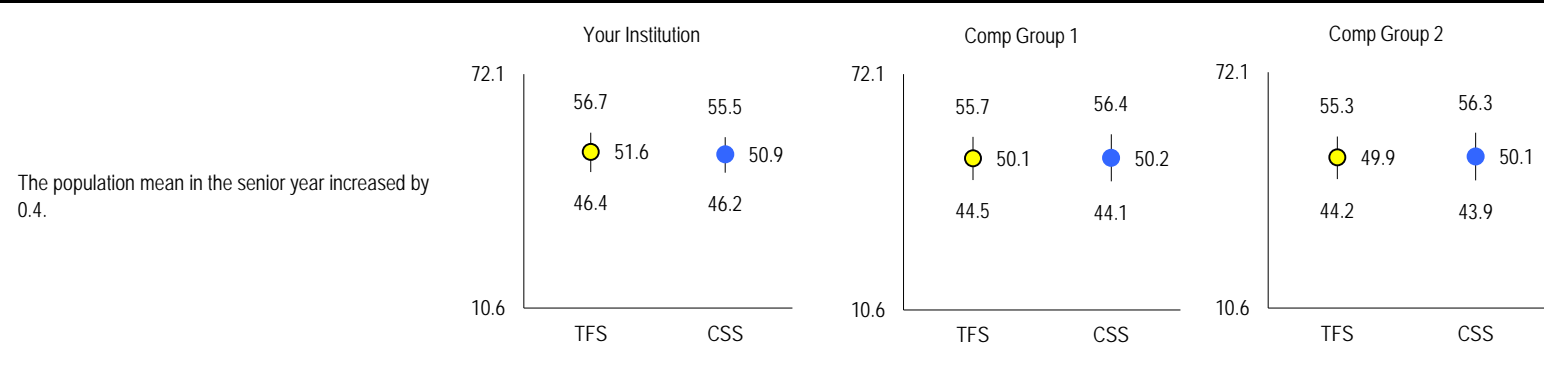
	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	157	157	-	1,684	1,684	-	4,876	4,876	-
High Construct Score Group	31.8%	26.1%	-5.7%	27.2%	28.6%	1.4%	26.1%	28.3%	2.1%
Average Construct Score Group	50.3%	52.9%	2.5%	46.2%	43.8%	-2.4%	46.2%	43.3%	-2.9%
Low Construct Score Group	17.8%	21.0%	3.2%	26.6%	27.6%	1.0%	27.6%	28.4%	0.8%
Significance (based on High Score Group)	-		-	-		-	-		-

Your Institution
High Score Group

Comp Group 1
High Score Group

Comp Group 2
High Score Group

Survey items and estimation "weights":
Rate yourself on each of the following traits as compared with the average person your age:
* Academic ability (3.11)
* Self-confidence (intellectual) (1.86)
* Drive to achieve (1.63)
* Mathematical ability (1.60)

Your Institution: TFS 31.8%, CSS 26.1%
Comp Group 1: TFS 27.2%, CSS 28.6%
Comp Group 2: TFS 26.1%, CSS 28.3%

Social Self-Concept
CIRP Longitudinal Construct Report
All Respondents

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	157	157	-	1,684	1,684	-	4,872	4,872	-
Mean	48.9	52.4	3.5	49.0	52.5	3.4	49.6	52.5	3.0
Standard deviation	8.50	8.61	-	8.70	8.39	-	8.92	8.57	-
Significance	-	***	-	-	***	-	-	***	-
Effect size	-	0.41	-	-	0.41	-	-	0.35	-
25th percentile	43.0	47.4	4.4	43.0	46.6	3.6	43.5	46.5	3.0
75th percentile	54.6	57.2	2.6	54.6	57.7	3.1	55.3	58.1	2.8

The population mean in the senior year increased by 2.9.
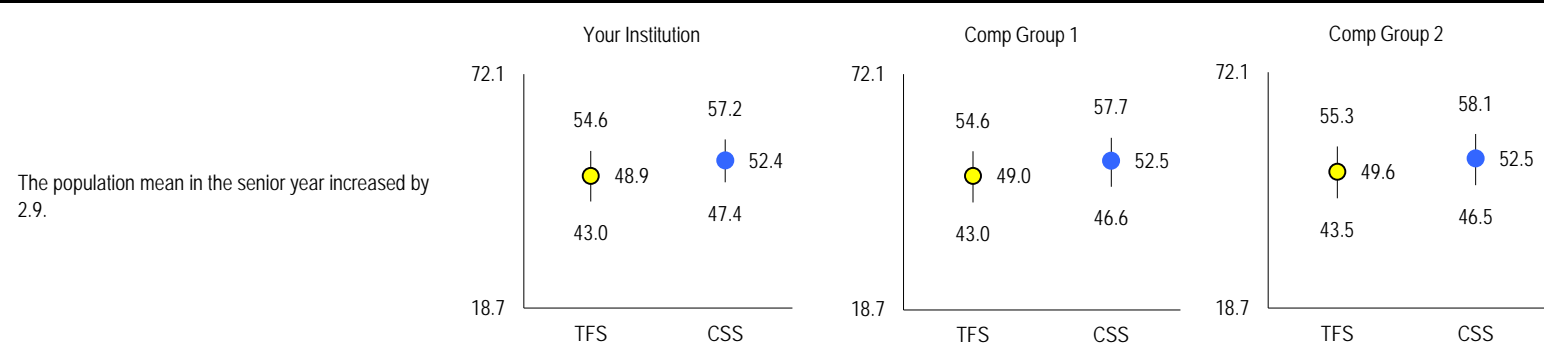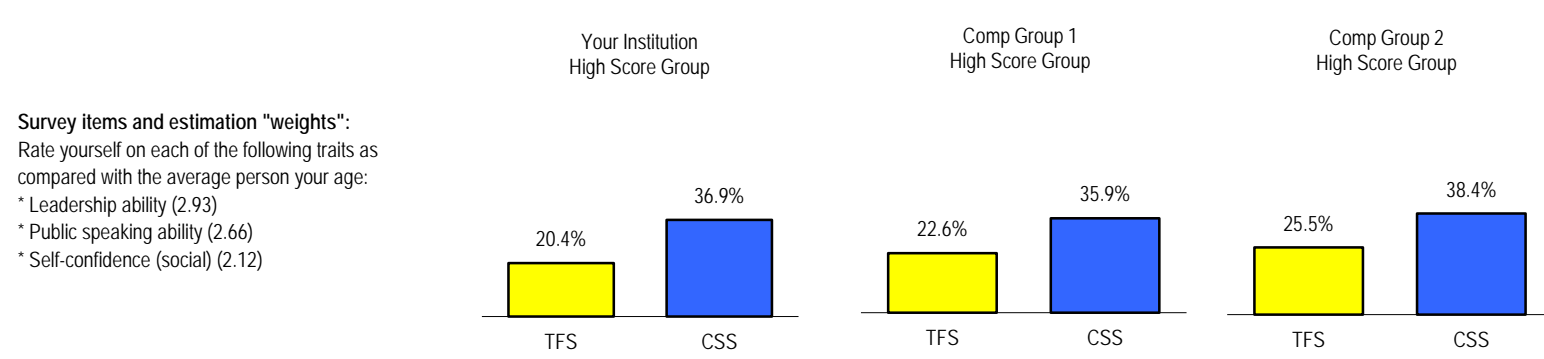

	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	157	157	-	1,684	1,684	-	4,872	4,872	-
High Construct Score Group	20.4%	36.9%	16.6%	22.6%	35.9%	13.3%	25.5%	38.4%	12.9%
Average Construct Score Group	44.6%	44.6%	0.0%	43.5%	45.5%	2.0%	42.4%	42.3%	-0.2%
Low Construct Score Group	35.0%	18.5%	-16.6%	33.9%	18.6%	-15.3%	32.1%	19.3%	-12.7%
Significance (based on High Score Group)	-	-	-	-	***	-	-	***	-

Survey items and estimation "weights":
Rate yourself on each of the following traits as compared with the average person your age:
* Leadership ability (2.93)
* Public speaking ability (2.66)
* Self-confidence (social) (2.12)

Note: Significance * p<.05, ** p<.01, *** p<.001

1C

Social Agency
CIRP Longitudinal Construct Report
All Respondents

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	149	149	-	1,620	1,620	-	4,698	4,698	-
Mean	49.9	54.2	4.3	50.1	53.4	3.3	50.3	53.9	3.6
Standard deviation	7.79	8.77	-	9.05	9.71	-	9.04	9.54	-
Significance	-	***	-	-	***	-	-	***	-
Effect size	-	0.49	-	-	0.34	-	-	0.37	-
25th percentile	44.8	47.8	3.0	44.3	46.6	2.3	44.4	47.5	3.1
75th percentile	55.2	59.7	4.5	56.1	59.6	3.5	56.2	59.7	3.5

The population mean in the senior year increased by 2.8.

	Your Institution		Comp Group 1		Comp Group 2	
	TFS	CSS	TFS	CSS	TFS	CSS
(upper)	55.2	59.7	56.1	59.6	56.2	59.7
(mean)	49.9	54.2	50.1	53.4	50.3	53.9
(lower)	44.8	47.8	44.3	46.6	44.4	47.5

Axis range: 24.1 – 79.2
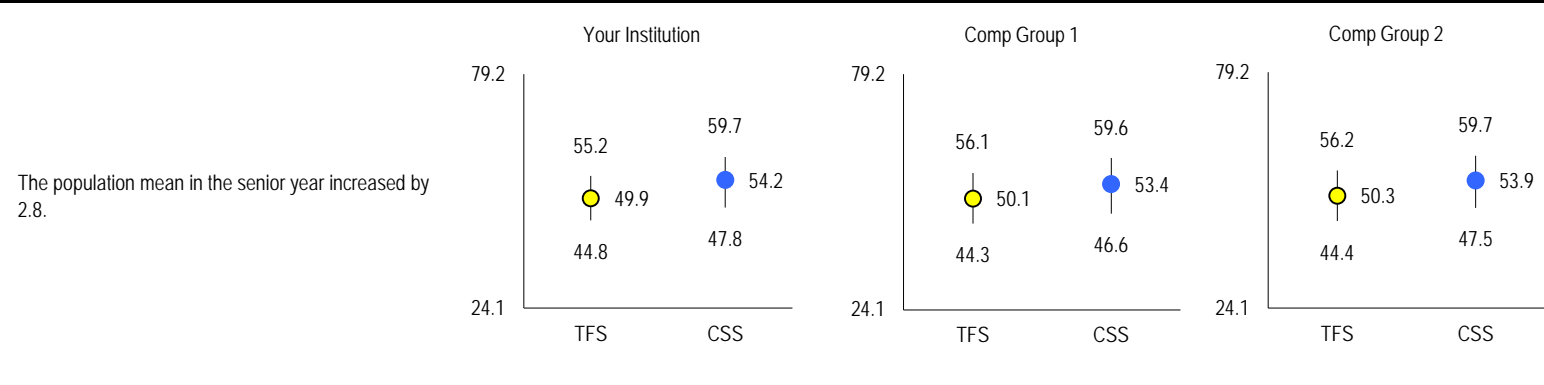
	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	149	149	-	1,620	1,620	-	4,698	4,698	-
High Construct Score Group	25.5%	44.3%	18.8%	28.3%	42.2%	13.9%	29.1%	44.1%	15.0%
Average Construct Score Group	48.3%	38.9%	-9.4%	44.4%	38.7%	-5.7%	44.2%	39.3%	-4.8%
Low Construct Score Group	26.2%	16.8%	-9.4%	27.3%	19.1%	-8.1%	26.8%	16.5%	-10.2%
Significance (based on High Score Group)	-	-	-	-	***	-	-	***	-

Survey items and estimation "weights":

Indicate the importance to you personally of each of the following:
* Participating in a community action program (2.72)
* Helping to promote racial understanding (2.61)
* Becoming a community leader (2.27)
* Keeping up to date with political affairs (1.76)
* Influencing social values (1.75)
* Helping others who are in difficulty (1.61)

	Your Institution High Score Group		Comp Group 1 High Score Group		Comp Group 2 High Score Group	
	TFS	CSS	TFS	CSS	TFS	CSS
	25.5%	44.3%	28.3%	42.2%	29.1%	44.1%

Habits of Mind
CIRP Longitudinal Construct Report
Men

CIRP COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM *at the* HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	55	55	-	609	609	-	1,650	1,650	-
Mean	53.7	56.3	2.6	52.7	57.7	5.0	51.5	56.1	4.5
Standard deviation	9.17	11.50	-	9.51	12.37	-	9.20	11.87	-
Significance	-		-	-	***	-	-	***	-
Effect size	-	0.23	-	-	0.40	-	-	0.38	-
25th percentile	46.1	48.1	2.0	46.4	49.6	3.2	45.3	48.0	2.7
75th percentile	60.4	65.6	5.2	59.5	67.2	7.7	58.0	64.6	6.6

The population mean in the senior year increased by 1.7.

Survey items and estimation "weights":
How often in the past year did you:
* Support your opinions with a logical argument (2.30)
* Seek solutions to problems and explain them to others (2.25)
* Seek alternative solutions to a problem (1.90)
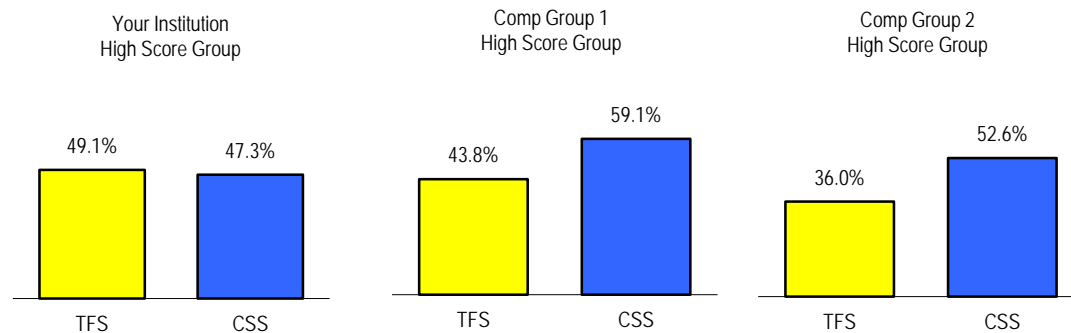* Evaluate the quality or reliability of information you received (1.73)
* Ask questions in class (1.50)

Your Institution
79.0
60.4 — 65.6
53.7 — 56.3
46.1 — 48.1
6.5
TFS   CSS

Comp Group 1
79.0
59.5 — 67.2
52.7 — 57.7
46.4 — 49.6
6.5
TFS   CSS

Comp Group 2
79.0
58.0 — 64.6
51.5 — 56.1
45.3 — 48.0
6.5
TFS   CSS
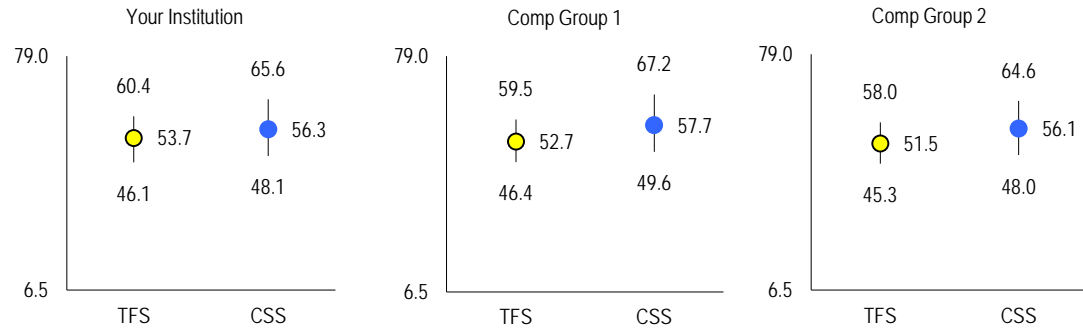
	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	55	55	-	609	609	-	1,650	1,650	-
High Construct Score Group	49.1%	47.3%	-1.8%	43.8%	59.1%	15.3%	36.0%	52.6%	16.6%
Average Construct Score Group	32.7%	40.0%	7.3%	36.6%	25.1%	-11.5%	39.9%	30.2%	-9.6%
Low Construct Score Group	18.2%	12.7%	-5.5%	19.5%	15.8%	-3.8%	24.1%	17.2%	-7.0%
Significance (based on High Score Group)	-		-	-	***	-	-	***	-

Survey items and estimation "weights":
(continued)
* Take a risk because you felt you had more to gain (1.39)
* Seek feedback on your academic work (1.28)
* Explore topics on your own, even though it was not required for a class (1.24)
* Revise your papers to improve your writing (1.15)
* Look up scientific research articles and resources (0.73)
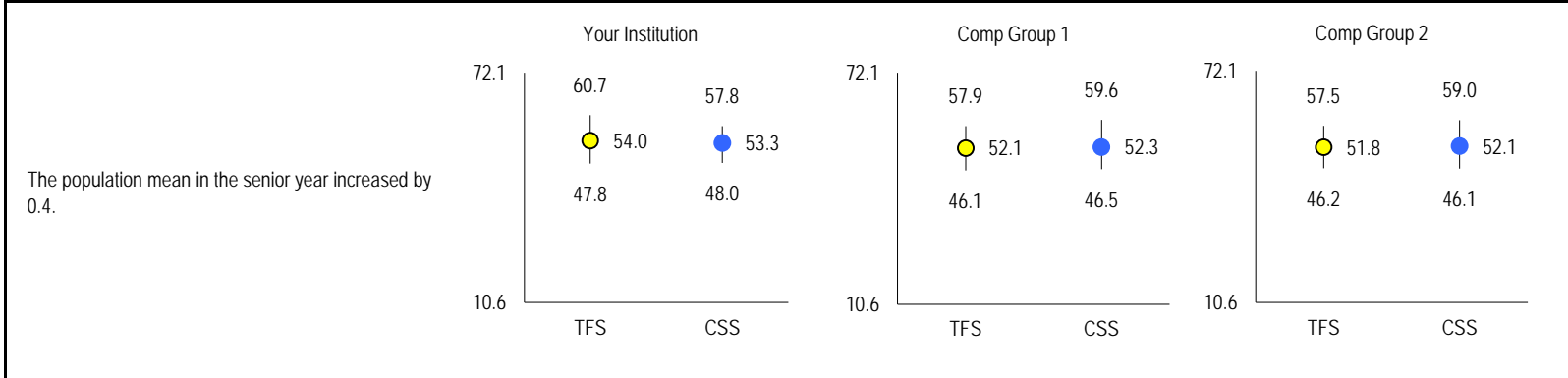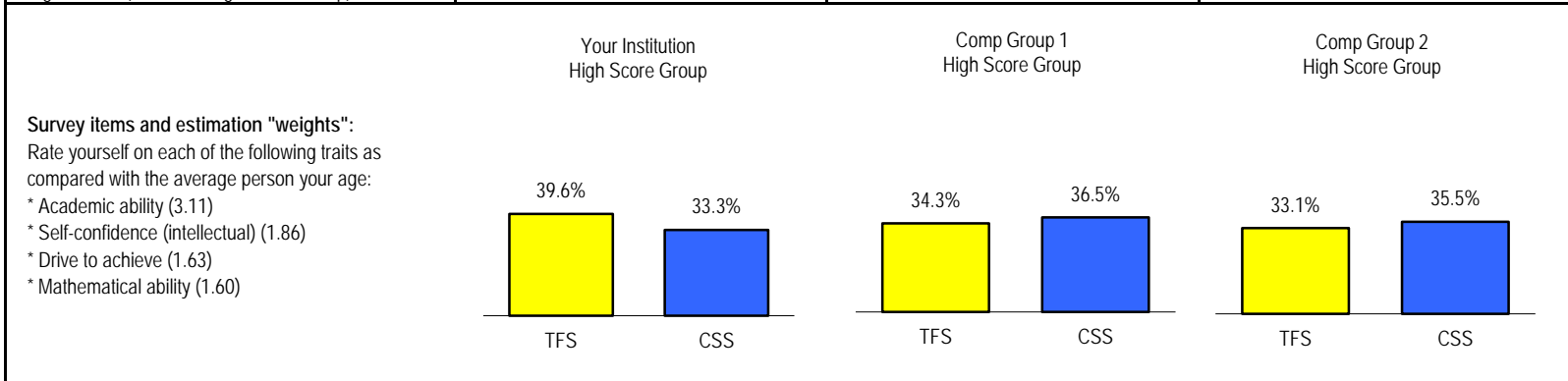* Accept mistakes as part of the learning process (0.69)

Your Institution
High Score Group
49.1%   47.3%
TFS   CSS

Comp Group 1
High Score Group
43.8%   59.1%
TFS   CSS

Comp Group 2
High Score Group
36.0%   52.6%
TFS   CSS

Academic Self-Concept
CIRP Longitudinal Construct Report
Men

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	48	48	-	572	572	-	1,512	1,512	-
Mean	54.0	53.3	-0.7	52.1	52.3	0.2	51.8	52.1	0.3
Standard deviation	8.39	8.81	-	8.60	9.86	-	8.46	9.38	-
Significance	-		-	-		-	-		-
Effect size	-	-0.08	-	-	0.02	-	-	0.03	-
25th percentile	47.8	48.0	0.2	46.1	46.5	0.4	46.2	46.1	-0.1
75th percentile	60.7	57.8	-2.9	57.9	59.6	1.7	57.5	59.0	1.5

Your Institution | Comp Group 1 | Comp Group 2

The population mean in the senior year increased by 0.4.

Your Institution:
72.1
60.7 (TFS 75th) 57.8 (CSS 75th)
54.0 (TFS) 53.3 (CSS)
47.8 (TFS 25th) 48.0 (CSS 25th)
10.6
TFS CSS

Comp Group 1:
72.1
57.9 (TFS 75th) 59.6 (CSS 75th)
52.1 (TFS) 52.3 (CSS)
46.1 (TFS 25th) 46.5 (CSS 25th)
10.6
TFS CSS

Comp Group 2:
72.1
57.5 (TFS 75th) 59.0 (CSS 75th)
51.8 (TFS) 52.1 (CSS)
46.2 (TFS 25th) 46.1 (CSS 25th)
10.6
TFS CSS

	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	48	48	-	572	572	-	1,512	1,512	-
High Construct Score Group	39.6%	33.3%	-6.3%	34.3%	36.5%	2.3%	33.1%	35.5%	2.4%
Average Construct Score Group	47.9%	52.1%	4.2%	45.1%	43.7%	-1.4%	45.9%	43.5%	-2.4%
Low Construct Score Group	12.5%	14.6%	2.1%	20.6%	19.8%	-0.9%	21.0%	21.0%	0.1%
Significance (based on High Score Group)	-		-	-		-	-		-

Your Institution
High Score Group

Comp Group 1
High Score Group

Comp Group 2
High Score Group

Survey items and estimation "weights":
Rate yourself on each of the following traits as compared with the average person your age:
* Academic ability (3.11)
* Self-confidence (intellectual) (1.86)
* Drive to achieve (1.63)
* Mathematical ability (1.60)

Your Institution High Score Group: TFS 39.6%, CSS 33.3%
Comp Group 1 High Score Group: TFS 34.3%, CSS 36.5%
Comp Group 2 High Score Group: TFS 33.1%, CSS 35.5%

Social Self-Concept
CIRP Longitudinal Construct Report
Men

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM *at the* HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	48	48	-	573	573	-	1,510	1,510	-
Mean	50.8	54.3	3.6	51.4	54.6	3.2	51.6	54.6	3.0
Standard deviation	9.13	8.85	-	8.80	8.58	-	8.99	8.78	-
Significance	-		-	-	***	-	-	***	-
Effect size	-	0.40	-	-	0.37	-	-	0.34	-
25th percentile	46.0	48.9	2.9	45.0	48.7	3.7	44.9	48.7	3.8
75th percentile	56.1	59.3	3.2	56.9	60.6	3.7	57.7	60.7	3.0

The population mean in the senior year increased by 2.9.

Your Institution

72.1
56.1 — 59.3
○ 50.8 — ● 54.3
46.0 — 48.9
18.7
TFS — CSS

Comp Group 1

72.1
56.9 — 60.6
○ 51.4 — ● 54.6
45.0 — 48.7
18.7
TFS — CSS

Comp Group 2

72.1
57.7 — 60.7
○ 51.6 — ● 54.6
44.9 — 48.7
18.7
TFS — CSS
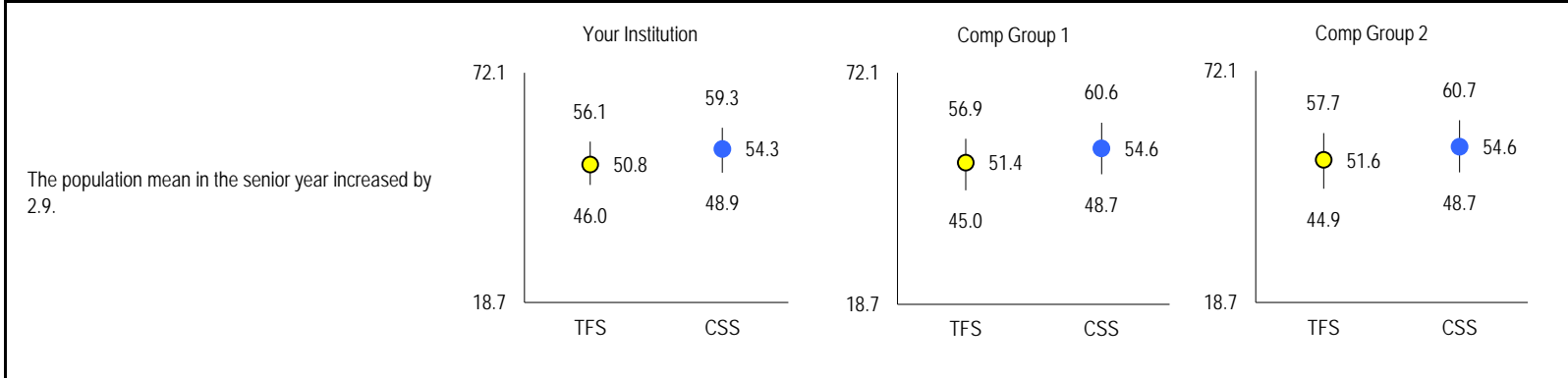
	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	48	48	-	573	573	-	1,510	1,510	-
High Construct Score Group	31.3%	47.9%	16.7%	32.5%	46.9%	14.5%	34.4%	48.5%	14.1%
Average Construct Score Group	45.8%	39.6%	-6.3%	42.6%	39.3%	-3.3%	40.5%	36.8%	-3.7%
Low Construct Score Group	22.9%	12.5%	-10.4%	25.0%	13.8%	-11.2%	25.2%	14.8%	-10.4%
Significance (based on High Score Group)	-		-	-	**	-	-	***	-

Survey items and estimation "weights":
Rate yourself on each of the following traits as compared with the average person your age:
* Leadership ability (2.93)
* Public speaking ability (2.66)
* Self-confidence (social) (2.12)

Your Institution
High Score Group

TFS 31.3% — CSS 47.9%

Comp Group 1
High Score Group

TFS 32.5% — CSS 46.9%

Comp Group 2
High Score Group

TFS 34.4% — CSS 48.5%

Note: Significance * p<.05, ** p<.01, *** p<.001

Social Agency
CIRP Longitudinal Construct Report
Men

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	45	45	-	540	540	-	1,441	1,441	-
Mean	48.5	52.8	4.3	49.2	52.7	3.5	49.4	53.2	3.8
Standard deviation	8.19	8.35	-	9.28	10.13	-	9.17	10.04	-
Significance	-	*	-	-	***	-	-	***	-
Effect size	-	0.51	-	-	0.34	-	-	0.38	-
25th percentile	43.8	45.0	1.2	43.1	45.9	2.8	43.3	46.4	3.1
75th percentile	52.8	59.5	6.7	55.1	59.2	4.1	55.2	59.5	4.3

Your Institution / Comp Group 1 / Comp Group 2

The population mean in the senior year increased by 2.8.

Your Institution: 79.2 — TFS 52.8 / 48.5 / 43.8 ; CSS 59.5 / 52.8 / 45.0 — 24.1

Comp Group 1: 79.2 — TFS 55.1 / 49.2 / 43.1 ; CSS 59.2 / 52.7 / 45.9 — 24.1

Comp Group 2: 79.2 — TFS 55.2 / 49.4 / 43.3 ; CSS 59.5 / 53.2 / 46.4 — 24.1
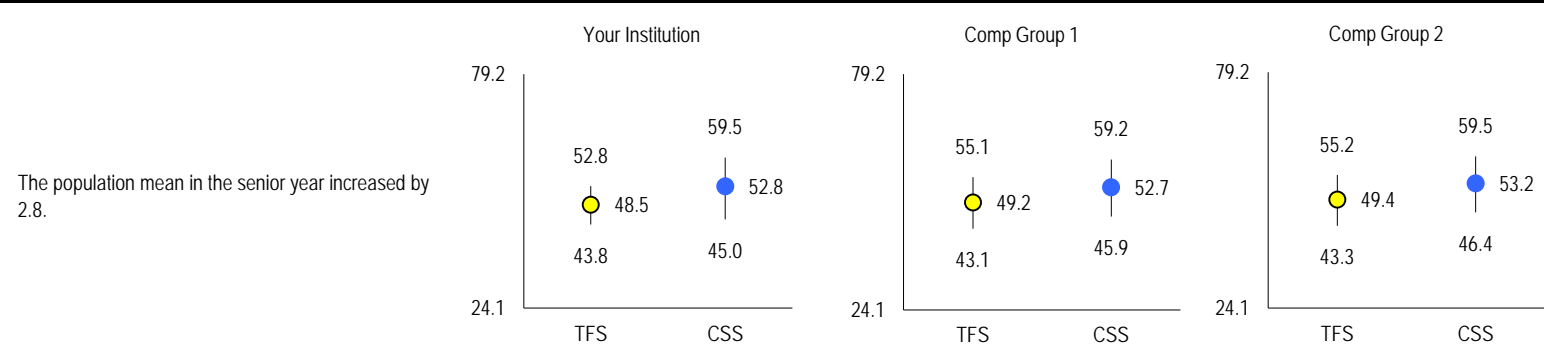
	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	45	45	-	540	540	-	1,441	1,441	-
High Construct Score Group	17.8%	37.8%	20.0%	25.4%	40.4%	15.0%	25.9%	41.4%	15.5%
Average Construct Score Group	48.9%	35.6%	-13.3%	43.1%	38.0%	-5.2%	43.5%	38.5%	-5.0%
Low Construct Score Group	33.3%	26.7%	-6.7%	31.5%	21.7%	-9.8%	30.6%	20.1%	-10.5%
Significance (based on High Score Group)	-		-	-	**	-	-	***	-

Survey items and estimation "weights":
Indicate the importance to you personally of each of the following:
* Participating in a community action program (2.72)
* Helping to promote racial understanding (2.61)
* Becoming a community leader (2.27)
* Keeping up to date with political affairs (1.76)
* Influencing social values (1.75)
* Helping others who are in difficulty (1.61)

Your Institution High Score Group: TFS 17.8% / CSS 37.8%

Comp Group 1 High Score Group: TFS 25.4% / CSS 40.4%

Comp Group 2 High Score Group: TFS 25.9% / CSS 41.4%

Habits of Mind
CIRP Longitudinal Construct Report
Women

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	118	118	-	1,181	1,181	-	3,621	3,621	-
Mean	50.1	55.1	5.0	52.1	57.4	5.3	51.6	56.4	4.8
Standard deviation	7.76	10.14	-	8.37	10.62	-	8.93	11.15	-
Significance	-	***	-	-	***	-	-	***	-
Effect size	-	0.49	-	-	0.49	-	-	0.43	-
25th percentile	44.6	48.6	4.0	46.7	50.2	3.5	45.5	48.9	3.4
75th percentile	55.8	60.9	5.1	57.8	64.0	6.2	57.6	63.9	6.3

The population mean in the senior year increased by 1.7.

Survey items and estimation 'weights':
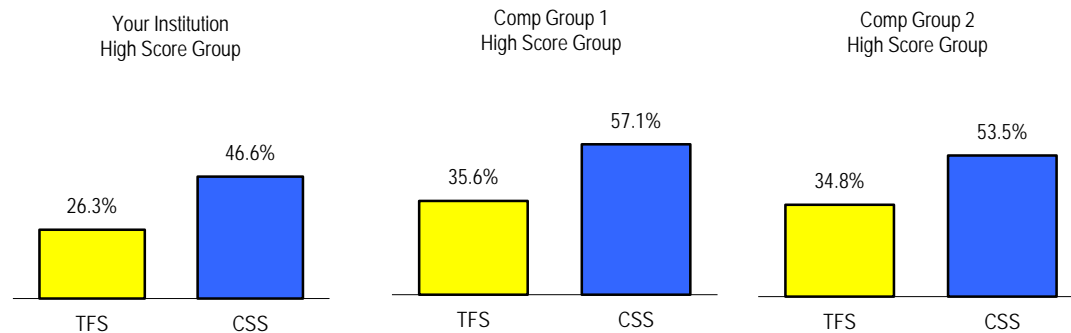How often in the past year did you:
* Support your opinions with a logical argument (2.30)
* Seek solutions to problems and explain them to others (2.25)
* Seek alternative solutions to a problem (1.90)
* Evaluate the quality or reliability of information you received (1.73)
* Ask questions in class (1.50)

Your Institution

79.0

55.8

60.9

50.1 ○ ● 55.1

44.6 48.6

6.5 TFS CSS

Comp Group 1

79.0

57.8

64.0

52.1 ○ ● 57.4

46.7 50.2

6.5 TFS CSS

Comp Group 2

79.0

57.6

63.9

51.6 ○ ● 56.4

45.5 48.9

6.5 TFS CSS
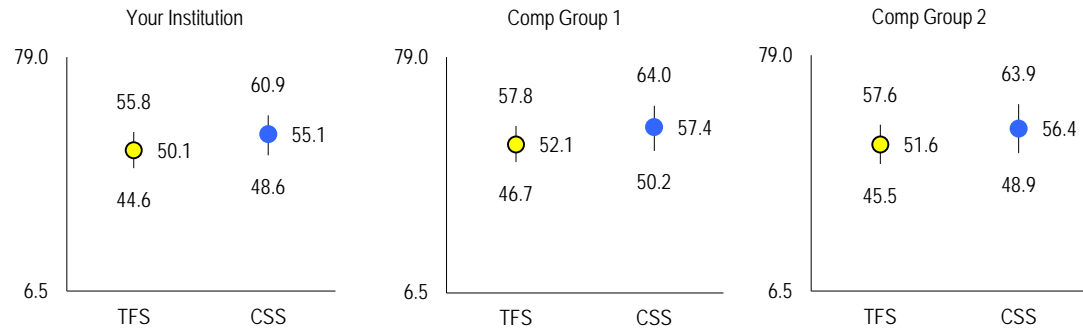
Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	118	118	-	1,181	1,181	-	3,621	3,621	-
High Construct Score Group	26.3%	46.6%	20.3%	35.6%	57.1%	21.5%	34.8%	53.5%	18.6%
Average Construct Score Group	47.5%	37.3%	-10.2%	44.7%	31.2%	-13.5%	41.6%	30.8%	-10.8%
Low Construct Score Group	26.3%	16.1%	-10.2%	19.7%	11.7%	-8.0%	23.6%	15.7%	-7.9%
Significance (based on High Score Group)	-		-	-	***	-	-	***	-

Survey items and estimation "weights":
(continued)
* Take a risk because you felt you had more to gain (1.39)
* Seek feedback on your academic work (1.28)
* Explore topics on your own, even though it was not required for a class (1.24)
* Revise your papers to improve your writing (1.15)
* Look up scientific research articles and resources (0.73)
* Accept mistakes as part of the learning process (0.69)

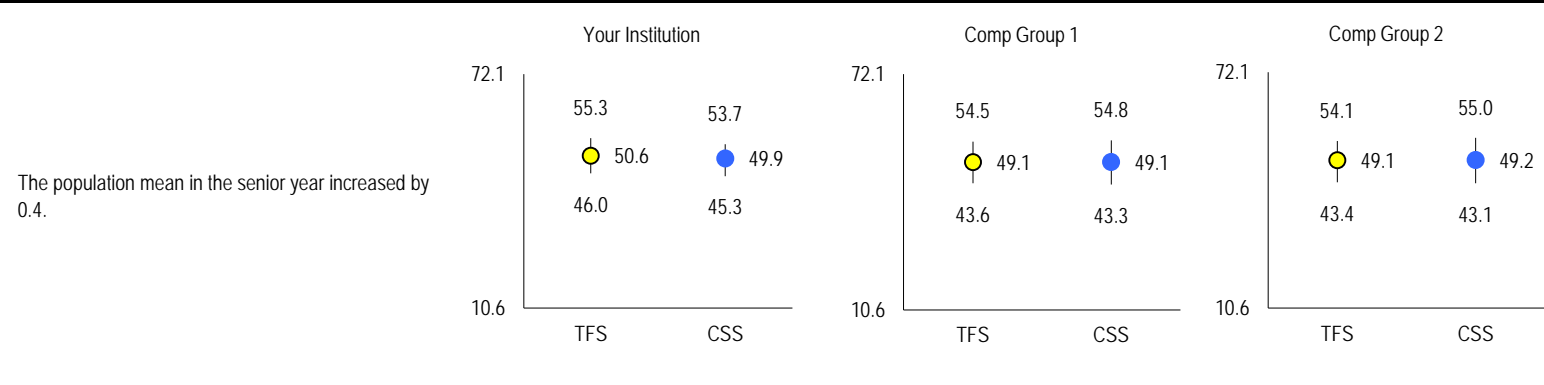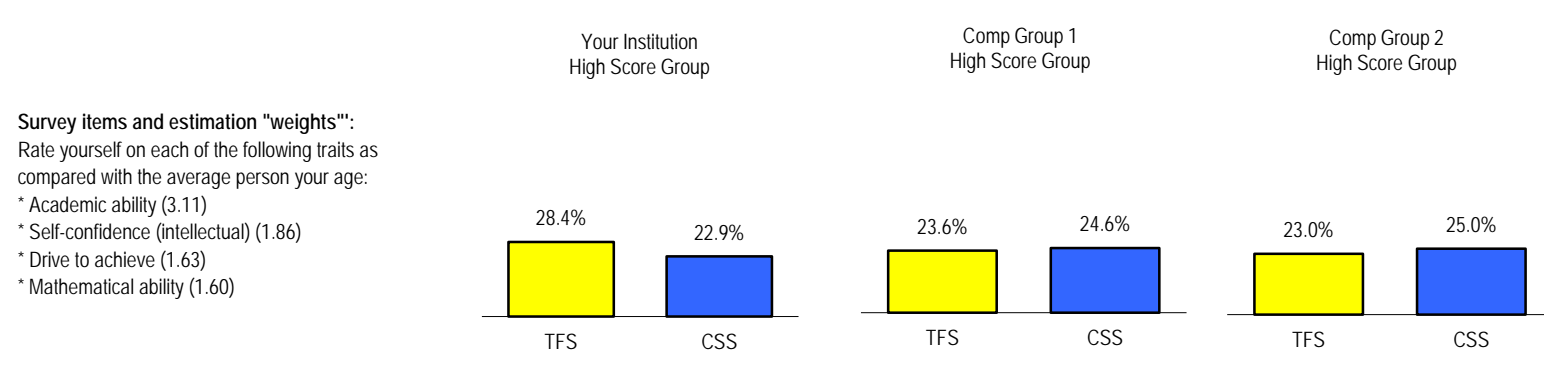Your Institution
High Score Group

26.3% TFS | 46.6% CSS

Comp Group 1
High Score Group

35.6% TFS | 57.1% CSS

Comp Group 2
High Score Group

34.8% TFS | 53.5% CSS

Note: Significance * p<.05, ** p<.01, *** p<.001

3A

Academic Self-Concept
CIRP Longitudinal Construct Report
Women

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	109	109	-	1,112	1,112	-	3,364	3,364	-
Mean	50.6	49.9	-0.7	49.1	49.1	-0.1	49.1	49.2	0.1
Standard deviation	7.08	7.67	-	8.13	8.81	-	8.41	9.03	-
Significance	-		-	-		-	-		-
Effect size	-	-0.10	-	-	-0.01	-	-	0.01	-
25th percentile	46.0	45.3	-0.7	43.6	43.3	-0.3	43.4	43.1	-0.3
75th percentile	55.3	53.7	-1.6	54.5	54.8	0.3	54.1	55.0	0.9

The population mean in the senior year increased by 0.4.

	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	109	109	-	1,112	1,112	-	3,364	3,364	-
High Construct Score Group	28.4%	22.9%	-5.5%	23.6%	24.6%	1.0%	23.0%	25.0%	2.0%
Average Construct Score Group	51.4%	53.2%	1.8%	46.8%	43.9%	-2.9%	46.4%	43.3%	-3.1%
Low Construct Score Group	20.2%	23.9%	3.7%	29.7%	31.6%	1.9%	30.6%	31.7%	1.1%
Significance (based on High Score Group)	-		-	-		-	-		-

Survey items and estimation "weights"':
Rate yourself on each of the following traits as compared with the average person your age:
* Academic ability (3.11)
* Self-confidence (intellectual) (1.86)
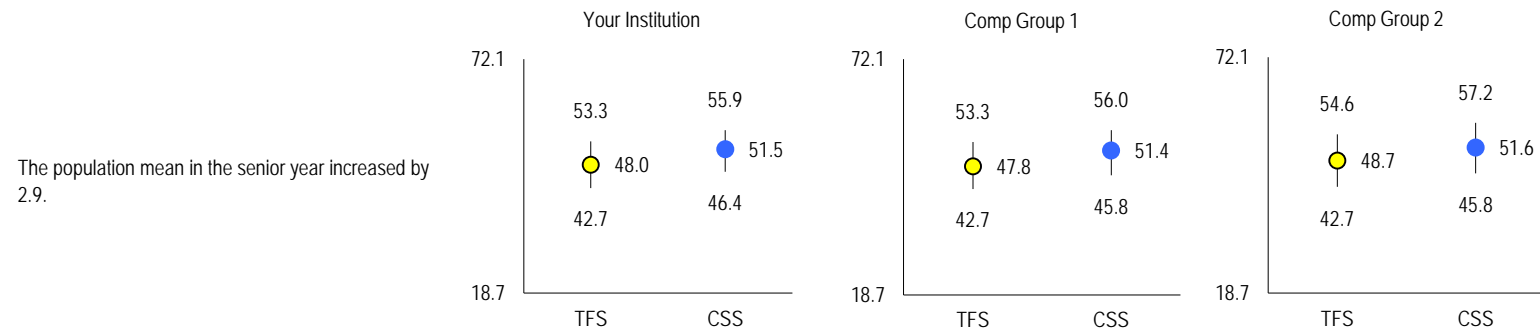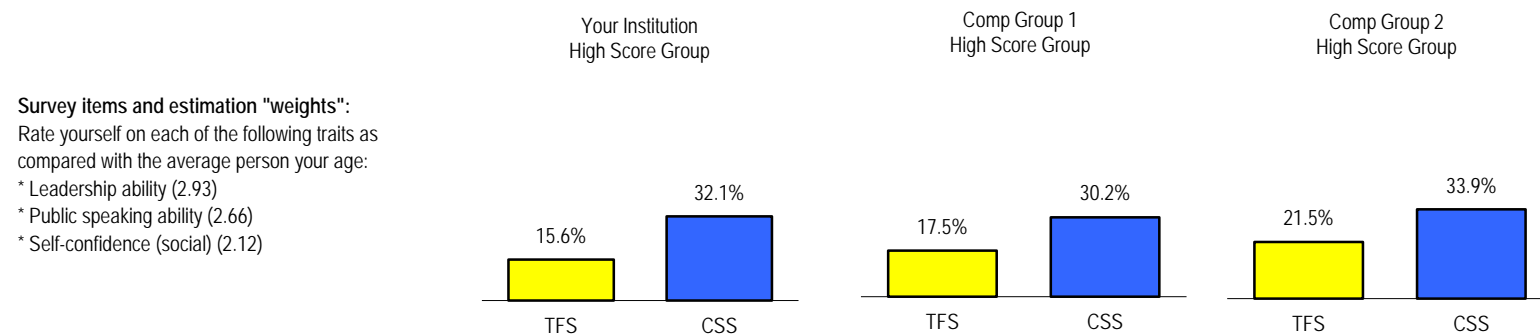* Drive to achieve (1.63)
* Mathematical ability (1.60)

Social Self-Concept
CIRP Longitudinal Construct Report
Women

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	109	109	-	1,111	1,111	-	3,362	3,362	-
Mean	48.0	51.5	3.5	47.8	51.4	3.5	48.7	51.6	3.0
Standard deviation	8.11	8.40	-	8.39	8.08	-	8.73	8.31	-
Significance	-	**	-	-	***	-	-	***	-
Effect size	-	0.41	-	-	0.44	-	-	0.36	-
25th percentile	42.7	46.4	3.7	42.7	45.8	3.1	42.7	45.8	3.1
75th percentile	53.3	55.9	2.6	53.3	56.0	2.7	54.6	57.2	2.6

The population mean in the senior year increased by 2.9.

Your Institution

	TFS	CSS
72.1		
	53.3	55.9
	48.0	51.5
	42.7	46.4
18.7		

Comp Group 1

	TFS	CSS
72.1		
	53.3	56.0
	47.8	51.4
	42.7	45.8
18.7		

Comp Group 2

	TFS	CSS
72.1		
	54.6	57.2
	48.7	51.6
	42.7	45.8
18.7		

	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	109	109	-	1,111	1,111	-	3,362	3,362	-
High Construct Score Group	15.6%	32.1%	16.5%	17.5%	30.2%	12.7%	21.5%	33.9%	12.4%
Average Construct Score Group	44.0%	46.8%	2.8%	44.0%	48.7%	4.7%	43.3%	44.7%	1.4%
Low Construct Score Group	40.4%	21.1%	-19.3%	38.5%	21.2%	-17.4%	35.2%	21.4%	-13.8%
Significance (based on High Score Group)	-		-	-	**	-	-	***	-

Your Institution
High Score Group

TFS	CSS
15.6%	32.1%

Comp Group 1
High Score Group

TFS	CSS
17.5%	30.2%

Comp Group 2
High Score Group

TFS	CSS
21.5%	33.9%

Survey items and estimation "weights":
Rate yourself on each of the following traits as compared with the average person your age:
* Leadership ability (2.93)
* Public speaking ability (2.66)
* Self-confidence (social) (2.12)

Note: Significance * p<.05, ** p<.01, *** p<.001

3C

Social Agency
CIRP Longitudinal Construct Report
Women

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	104	104	-	1,080	1,080	-	3,257	3,257	-
Mean	50.6	54.8	4.3	50.6	53.8	3.2	50.7	54.2	3.4
Standard deviation	7.57	8.91	-	8.90	9.47	-	8.96	9.29	-
Significance	-	***	-	-	***	-	-	***	-
Effect size	-	0.48	-	-	0.33	-	-	0.37	-
25th percentile	45.4	48.6	3.2	44.9	47.4	2.5	45.0	47.9	2.9
75th percentile	56.0	60.0	4.0	56.5	59.9	3.4	56.5	59.9	3.4

The population mean in the senior year increased by 2.8.

Your Institution — TFS 50.6 (56.0 / 45.4), CSS 54.8 (60.0 / 48.6)
Comp Group 1 — TFS 50.6 (56.5 / 44.9), CSS 53.8 (59.9 / 47.4)
Comp Group 2 — TFS 50.7 (56.5 / 45.0), CSS 54.2 (59.9 / 47.9)
(axis range 24.1 to 79.2)
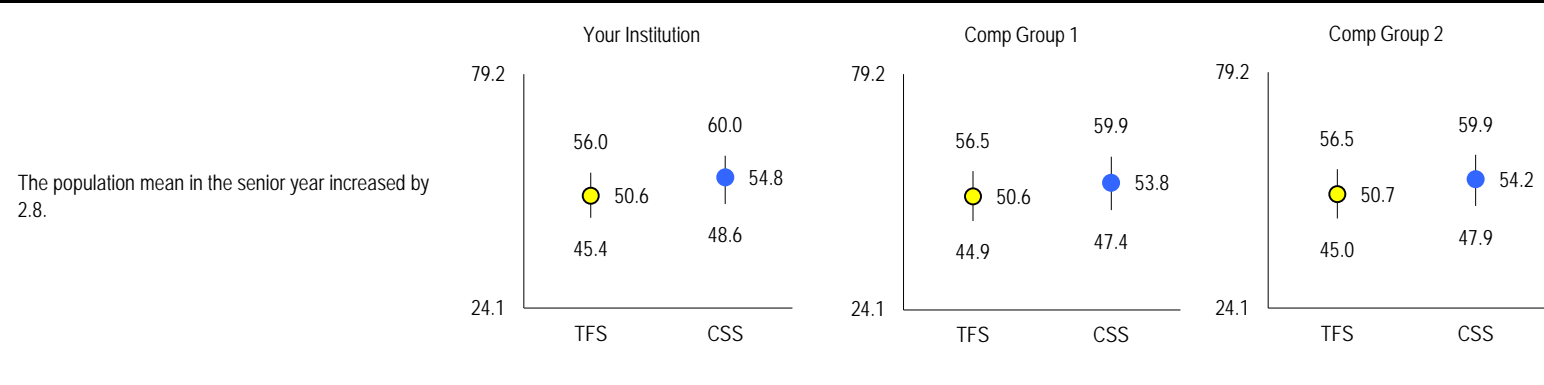
	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	104	104	-	1,080	1,080	-	3,257	3,257	-
High Construct Score Group	28.8%	47.1%	18.3%	29.7%	43.1%	13.3%	30.5%	45.3%	14.8%
Average Construct Score Group	48.1%	40.4%	-7.7%	45.1%	39.1%	-6.0%	44.5%	39.7%	-4.8%
Low Construct Score Group	23.1%	12.5%	-10.6%	25.2%	17.9%	-7.3%	25.1%	15.0%	-10.1%
Significance (based on High Score Group)	-	-	-	-	***	-	-	***	-

Survey items and estimation "weights":
Indicate the importance to you personally of each of the following:
* Participating in a community action program (2.72)
* Helping to promote racial understanding (2.61)
* Becoming a community leader (2.27)
* Keeping up to date with political affairs (1.76)
* Influencing social values (1.75)
* Helping others who are in difficulty (1.61)

Your Institution High Score Group — TFS 28.8%, CSS 47.1%
Comp Group 1 High Score Group — TFS 29.7%, CSS 43.1%
Comp Group 2 High Score Group — TFS 30.5%, CSS 45.3%