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

2011 College Senior Survey

CIRP Longitudinal Construct Reports

Graduating Seniors

Illinois Wesleyan University

comparison group 1:   Private/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 25th percentile.

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, effect sizes are provided.

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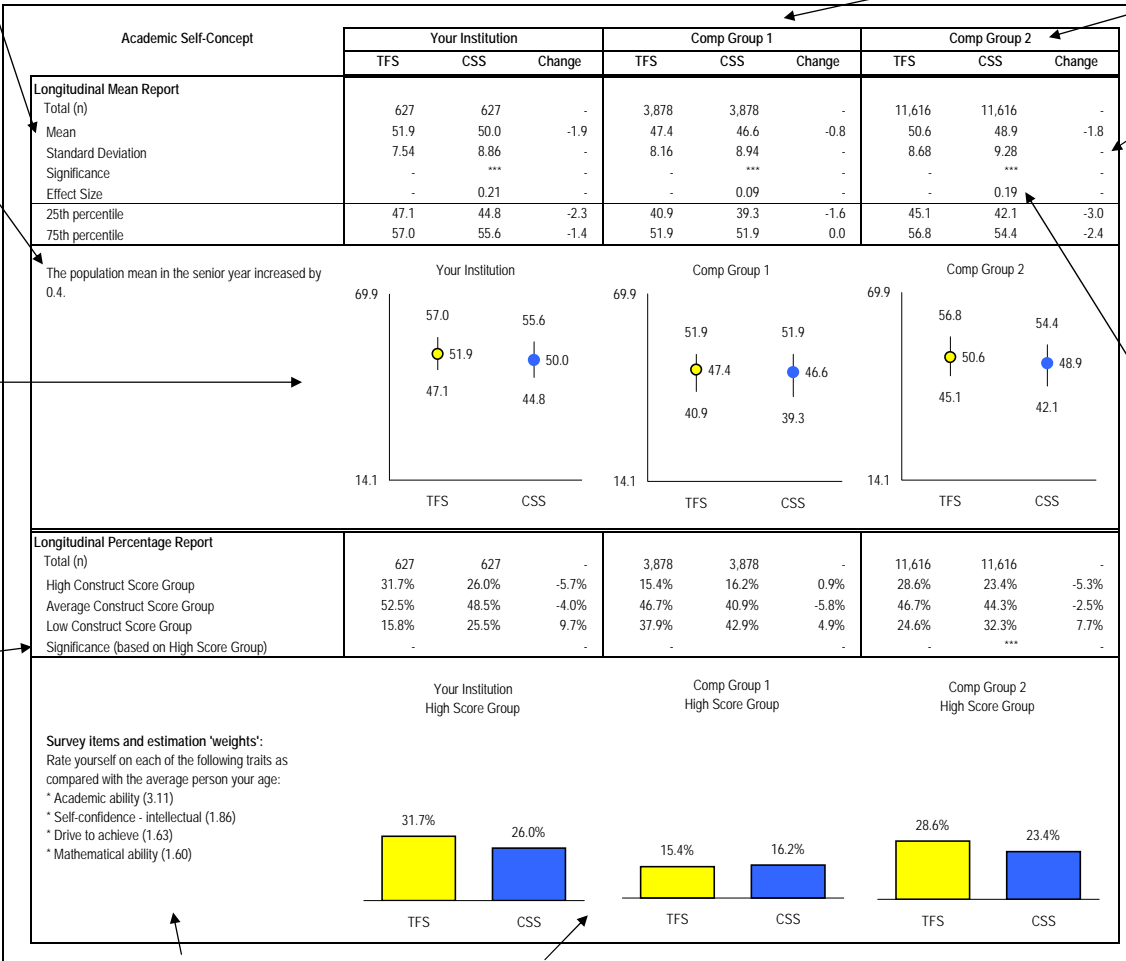
Comp 1 – The first comparison group is based on your institution's type and control.

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		
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).

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)	85	85	-	2,035	2,035	-	6,464	6,464	-
Mean	50.6	52.0	1.4	50.6	53.4	2.8	49.3	51.9	2.6
Standard Deviation	8.51	12.83	-	9.08	12.87	-	8.99	12.76	-
Significance	-		-	-	***	-	-	***	-
Effect Size	-	0.11	-	-	0.21	-	-	0.21	-
25th percentile	44.6	41.6	-3.0	44.5	43.3	-1.2	43.1	41.8	-1.3
75th percentile	57.2	61.5	4.3	56.8	62.9	6.1	55.5	60.8	5.3

The population mean in the senior year increased by 1.7.

Survey items and estimation 'weights':
Rate yourself on each of the following traits as compared with the average person your age:
* 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)
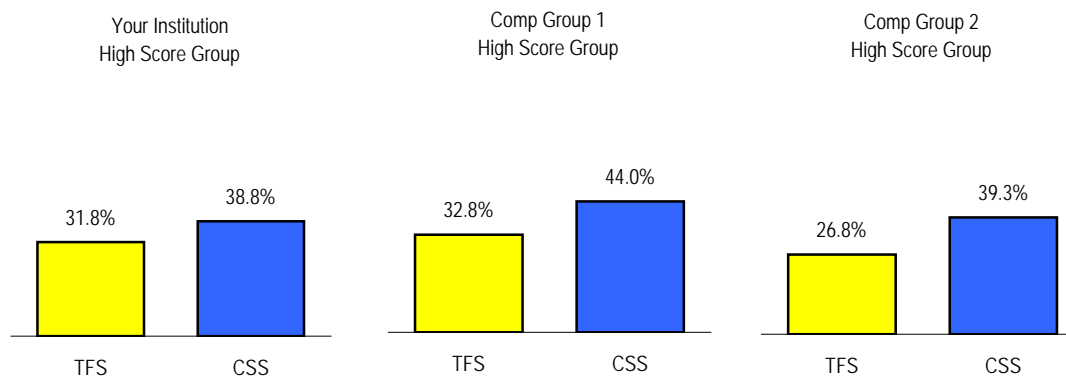* Ask questions in class (1.50)

Your Institution

79.1	57.2	61.5
	50.6	52.0
	44.6	41.6
4.0	TFS	CSS

Comp Group 1

79.1	56.8	62.9
	50.6	53.4
	44.5	43.3
4.0	TFS	CSS

Comp Group 2

73.9	55.5	60.8
	49.3	51.9
	43.1	41.8
5.2	TFS	CSS
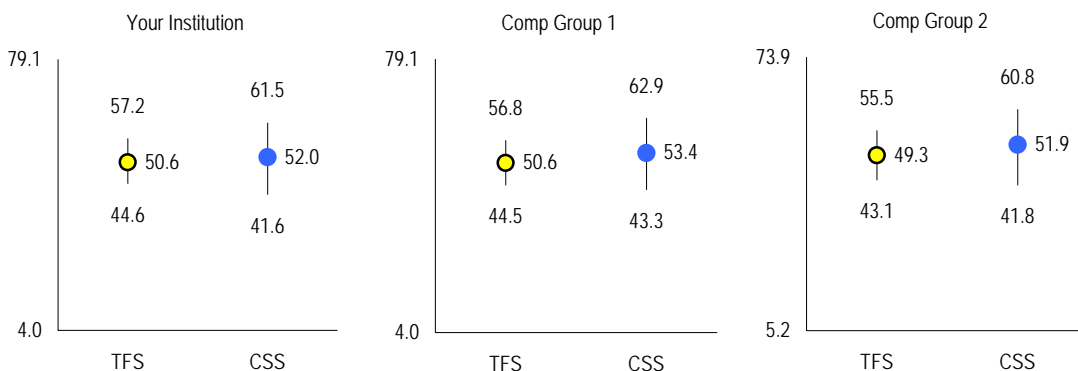
	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	85	85	-	2,035	2,035	-	6,464	6,464	-
High Construct Score Group	31.8%	38.8%	7.1%	32.8%	44.0%	11.3%	26.8%	39.3%	12.5%
Average Construct Score Group	38.8%	27.1%	-11.8%	40.5%	27.4%	-13.1%	41.6%	28.0%	-13.6%
Low Construct Score Group	29.4%	34.1%	4.7%	26.7%	28.6%	1.9%	31.5%	32.7%	1.1%
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

TFS	CSS
31.8%	38.8%

Comp Group 1
High Score Group

TFS	CSS
32.8%	44.0%

Comp Group 2
High Score Group

TFS	CSS
26.8%	39.3%

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

Academic Self-Concept
CIRP Longitudinal Construct Report
All Respondents

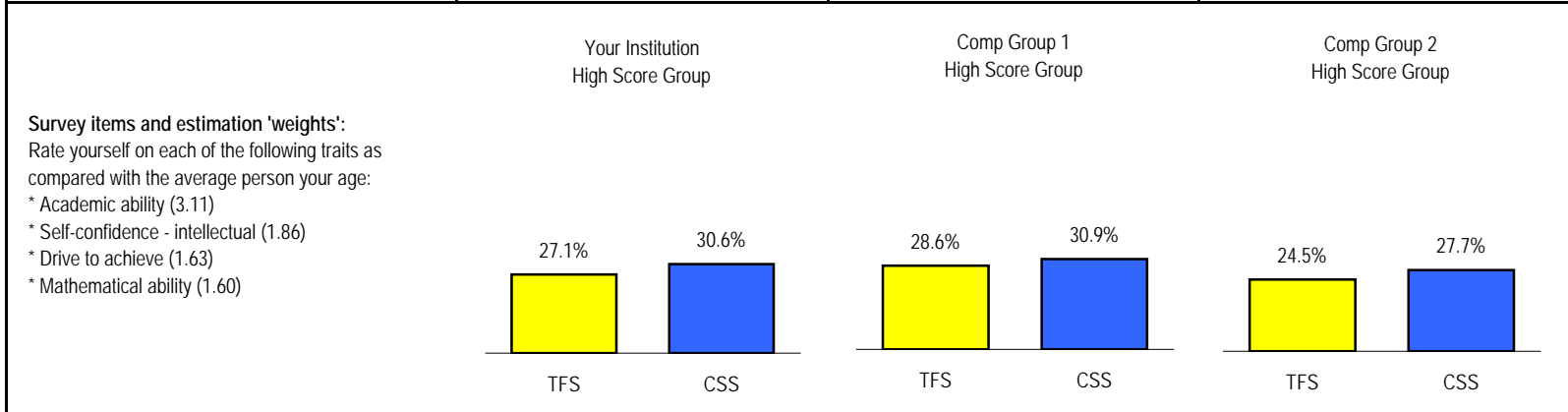| Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	85	85	-	2,180	2,180	-	6,935	6,935	-
Mean	51.6	51.4	-0.3	50.4	50.9	0.5	49.5	50.2	0.7
Standard Deviation	6.69	7.92	-	8.66	9.42	-	8.45	9.14	-
Significance	-		-	-	*	-	-	***	-
Effect Size	-	-0.04	-	-	0.06	-	-	0.08	-
25th percentile	46.6	46.5	-0.1	44.6	44.8	0.2	43.8	44.3	0.5
75th percentile	56.3	57.2	0.9	56.1	57.5	1.4	54.8	56.1	1.3
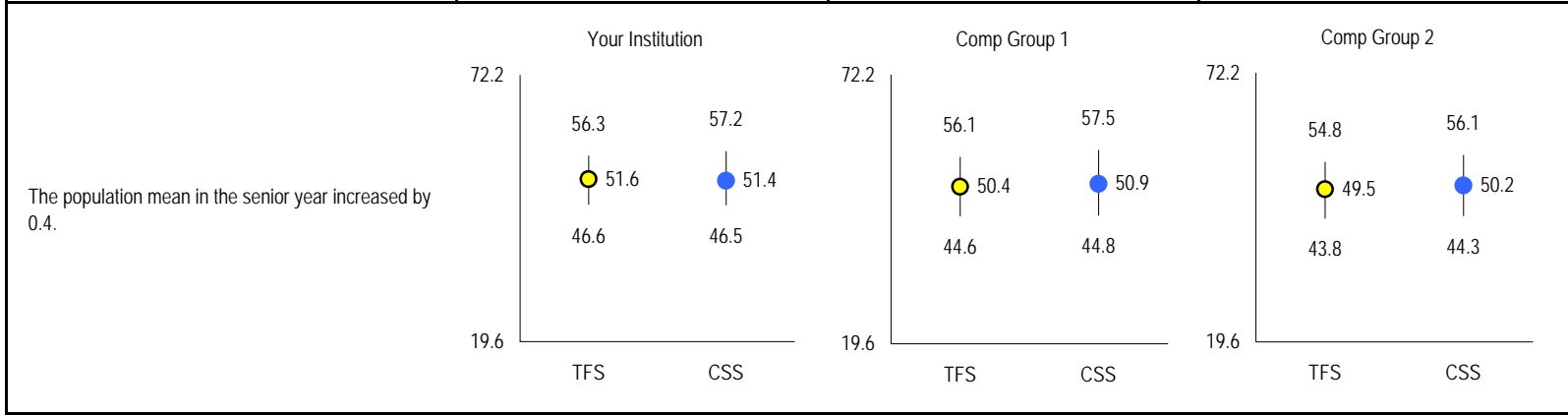
Your Institution

72.2	
56.3	57.2
○ 51.6	● 51.4
46.6	46.5
19.6	
TFS	CSS

The population mean in the senior year increased by 0.4.

Comp Group 1

72.2	
56.1	57.5
○ 50.4	● 50.9
44.6	44.8
19.6	
TFS	CSS

Comp Group 2

72.2	
54.8	56.1
○ 49.5	● 50.2
43.8	44.3
19.6	
TFS	CSS

	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	85	85	-	2,180	2,180	-	6,935	6,935	-
High Construct Score Group	27.1%	30.6%	3.5%	28.6%	30.9%	2.3%	24.5%	27.7%	3.3%
Average Construct Score Group	58.8%	51.8%	-7.1%	45.1%	43.4%	-1.7%	46.2%	44.8%	-1.4%
Low Construct Score Group	14.1%	17.6%	3.5%	26.3%	25.7%	-0.6%	29.3%	27.4%	-1.9%
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 27.1%, CSS 30.6%
Comp Group 1: TFS 28.6%, CSS 30.9%
Comp Group 2: TFS 24.5%, CSS 27.7%

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

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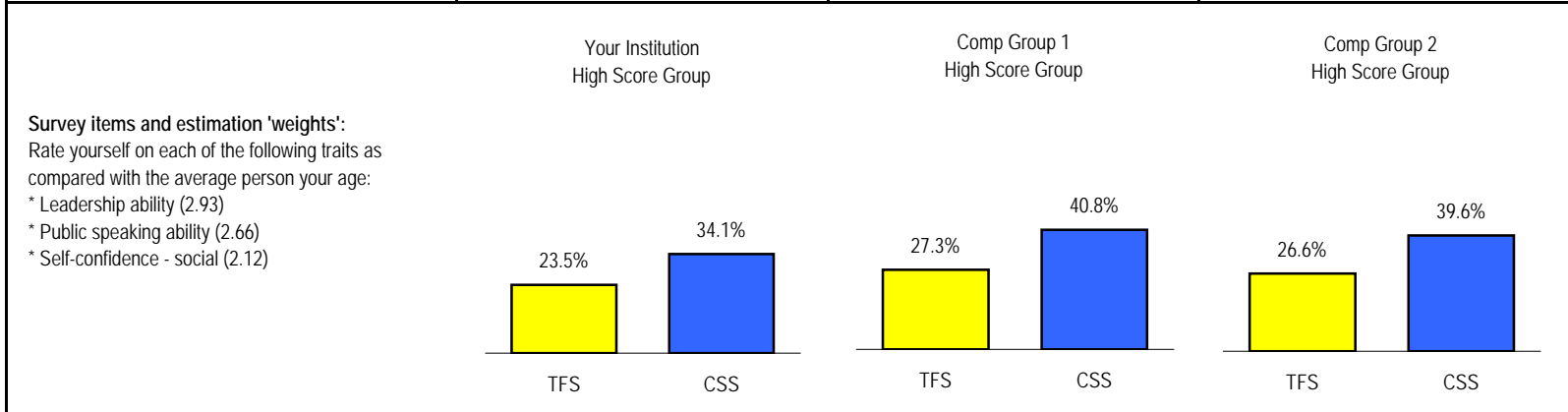*at the* **HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA**

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)	85	85	-	2,176	2,176	-	6,922	6,922	-
Mean	49.7	52.6	3.0	49.9	52.9	2.9	49.9	52.8	2.9
Standard Deviation	9.01	8.06	-	9.31	9.00	-	8.95	8.70	-
Significance	-	*	-	-	***	-	-	***	-
Effect Size	-	0.37	-	-	0.32	-	-	0.33	-
25th percentile	42.9	46.4	3.5	43.4	46.4	3.0	43.7	46.4	2.7
75th percentile	54.6	57.9	3.3	56.2	58.8	2.6	56.0	58.3	2.3
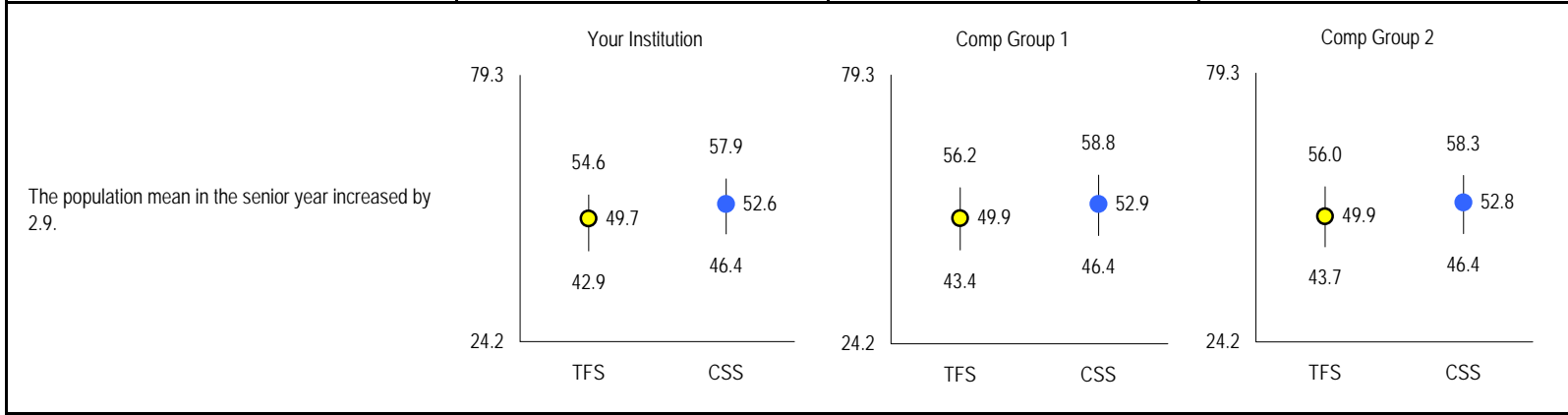
The population mean in the senior year increased by 2.9.

	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	85	85	-	2,176	2,176	-	6,922	6,922	-
High Construct Score Group	23.5%	34.1%	10.6%	27.3%	40.8%	13.6%	26.6%	39.6%	13.1%
Average Construct Score Group	45.9%	45.9%	0.0%	42.0%	38.7%	-3.4%	42.8%	40.9%	-1.9%
Low Construct Score Group	30.6%	20.0%	-10.6%	30.7%	20.5%	-10.2%	30.7%	19.5%	-11.2%
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)

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
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Social Agency
CIRP Longitudinal Construct Report
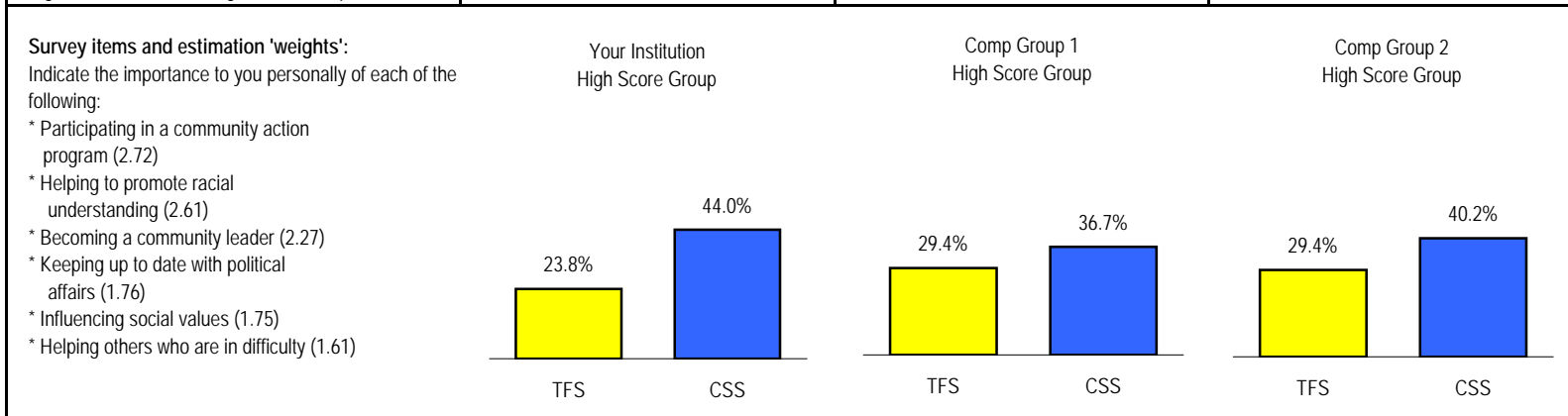### All Respondents

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)	84	84	-	2,116	2,116	-	6,783	6,783	-
Mean	50.4	53.2	2.9	50.4	52.0	1.6	50.5	52.8	2.3
Standard Deviation	8.87	9.83	-	9.42	10.10	-	8.97	9.67	-
Significance	-		-	-	***	-	-	***	-
Effect Size	-	0.29	-	-	0.16	-	-	0.24	-
25th percentile	44.7	46.5	1.8	44.4	45.7	1.3	44.9	46.7	1.8
75th percentile	54.8	59.2	4.4	56.4	58.5	2.1	56.3	59.0	2.7
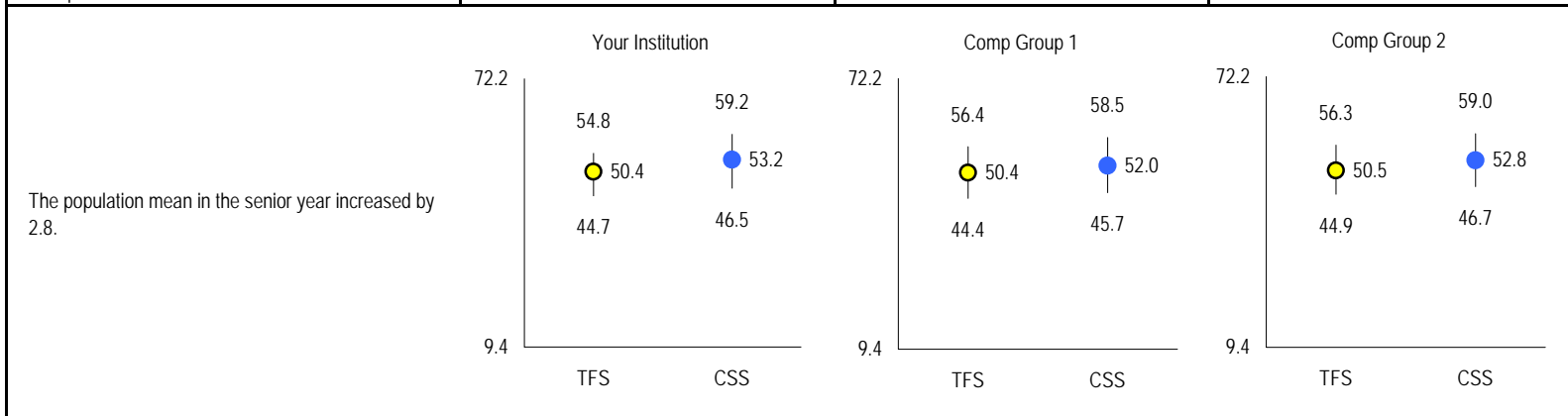
Your Institution — 72.2 ... 9.4

54.8 / 59.2, 50.4 (TFS), 53.2 (CSS), 44.7 / 46.5

Comp Group 1 — 72.2 ... 9.4

56.4 / 58.5, 50.4 (TFS), 52.0 (CSS), 44.4 / 45.7

Comp Group 2 — 72.2 ... 9.4

56.3 / 59.0, 50.5 (TFS), 52.8 (CSS), 44.9 / 46.7

The population mean in the senior year increased by 2.8.

	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Total (n)	84	84	-	2,116	2,116	-	6,783	6,783	-
High Construct Score Group	23.8%	44.0%	20.2%	29.4%	36.7%	7.2%	29.4%	40.2%	10.8%
Average Construct Score Group	48.8%	36.9%	-11.9%	43.0%	40.7%	-2.2%	45.1%	41.1%	-4.0%
Low Construct Score Group	27.4%	19.0%	-8.3%	27.6%	22.6%	-5.0%	25.5%	18.6%	-6.8%
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 23.8%, CSS 44.0%

Comp Group 1 — High Score Group
TFS 29.4%, CSS 36.7%

Comp Group 2 — High Score Group
TFS 29.4%, CSS 40.2%

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

Habits of Mind
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)	15	15	-	827	827	-	2,346	2,346	-
Mean	48.8	50.5	1.7	50.7	53.6	2.9	49.5	52.2	2.7
Standard Deviation	4.90	10.69	-	8.95	13.06	-	9.17	12.98	-
Significance	-		-	-	***	-	-	***	-
Effect Size	-	0.16	-	-	0.22	-	-	0.21	-
25th percentile	44.6	41.8	-2.8	44.3	43.0	-1.3	42.9	41.4	-1.5
75th percentile	52.3	60.4	8.1	56.8	63.0	6.2	55.8	61.3	5.5

The population mean in the senior year increased by 1.7.

Survey items and estimation 'weights':
Rate yourself on each of the following traits as compared with the average person your age:
* 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)
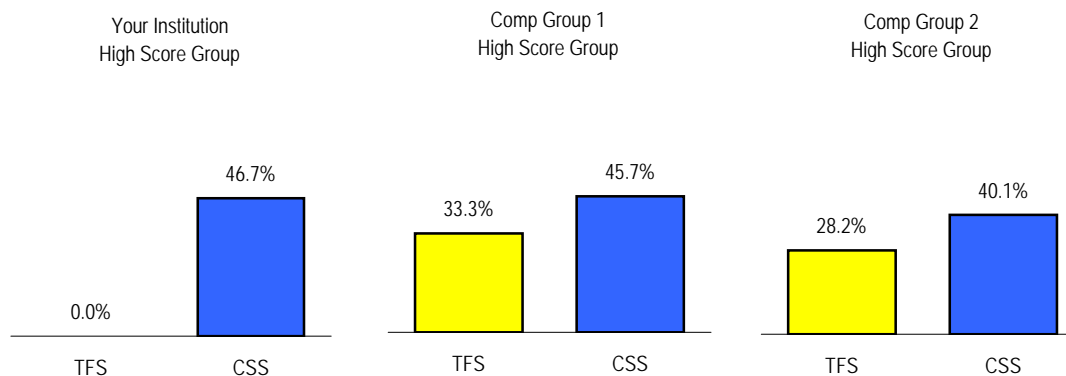* Ask questions in class (1.50)
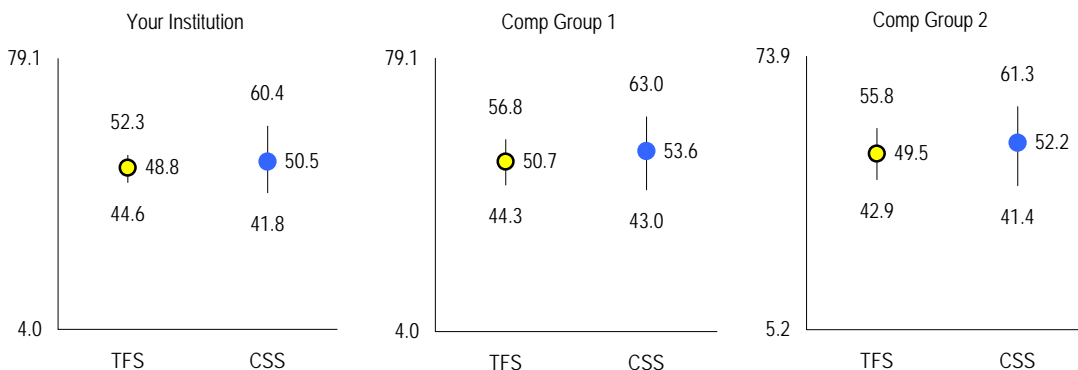
Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	15	15	-	827	827	-	2,346	2,346	-
High Construct Score Group	0.0%	46.7%	46.7%	33.3%	45.7%	12.5%	28.2%	40.1%	11.9%
Average Construct Score Group	73.3%	13.3%	-60.0%	39.9%	25.2%	-14.8%	40.4%	26.4%	-14.0%
Low Construct Score Group	26.7%	40.0%	13.3%	26.8%	29.1%	2.3%	31.4%	33.5%	2.1%
Significance (based on High Score Group)	-		-	-	**	-	-	***	-

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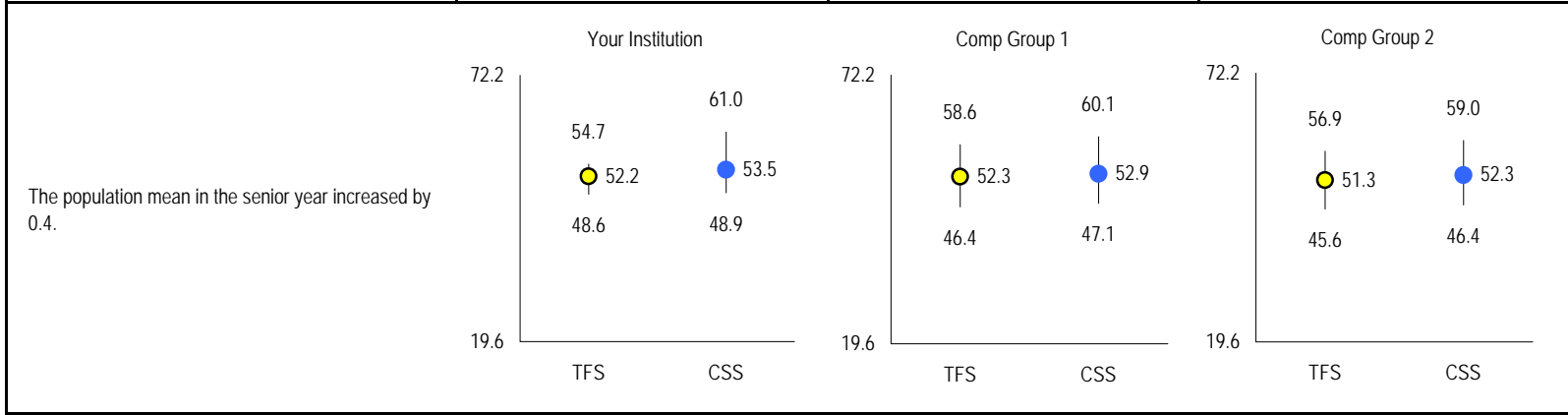* Take a risk because you felt you had more to gain (1.39)
* Seek feedback on your academic work (1.28)
* Explore topics on your own, even though it was not required for a class (1.24)
* Revise your papers to improve your writing (1.15)
* Look up scientific research articles and resources (0.73)
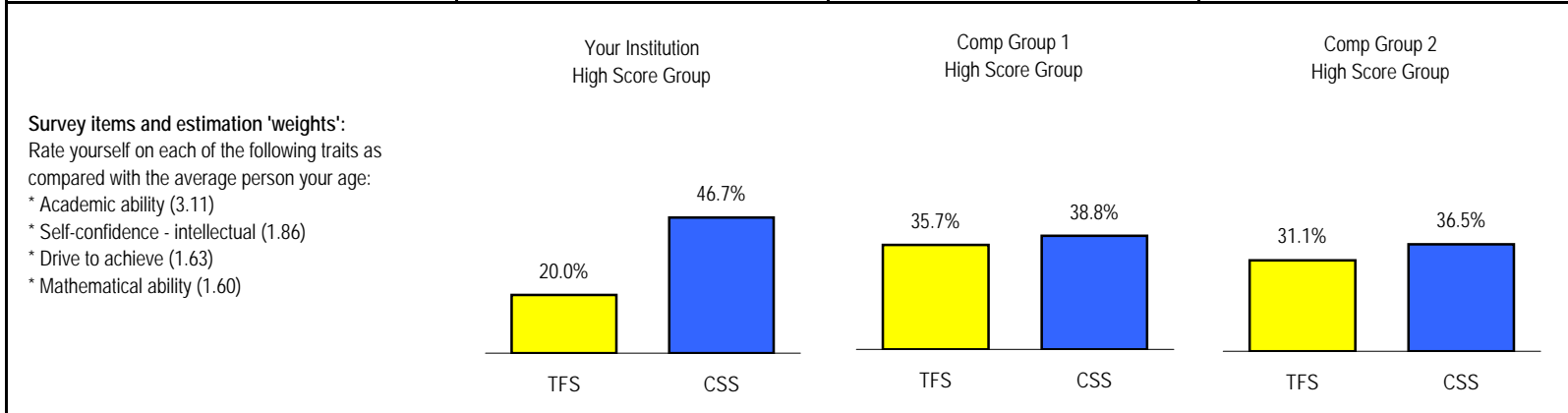* Accept mistakes as part of the learning process (0.69)

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

Academic Self-Concept
CIRP Longitudinal Construct Report
Men

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)	15	15	-	886	886	-	2,540	2,540	-
Mean	52.2	53.5	1.3	52.3	52.9	0.6	51.3	52.3	1.0
Standard Deviation	5.72	10.44	-	8.57	9.60	-	8.48	9.34	-
Significance	-		-	-		-	-	***	-
Effect Size	-	0.13	-	-	0.06	-	-	0.11	-
25th percentile	48.6	48.9	0.3	46.4	47.1	0.7	45.6	46.4	0.8
75th percentile	54.7	61.0	6.3	58.6	60.1	1.5	56.9	59.0	2.1

The population mean in the senior year increased by 0.4.

Illinois Wesleyan University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	15	15	-	886	886	-	2,540	2,540	-
High Construct Score Group	20.0%	46.7%	26.7%	35.7%	38.8%	3.2%	31.1%	36.5%	5.5%
Average Construct Score Group	80.0%	33.3%	-46.7%	46.2%	42.6%	-3.6%	46.4%	42.8%	-3.6%
Low Construct Score Group	0.0%	20.0%	20.0%	18.2%	18.6%	0.5%	22.6%	20.7%	-1.9%
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)

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

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)	15	15	-	885	885	-	2,537	2,537	-
Mean	56.1	59.7	3.5	51.8	54.7	2.9	51.5	54.6	3.1
Standard Deviation	7.23	6.75	-	9.18	9.18	-	8.93	8.89	-
Significance	-		-	-	***	-	-	***	-
Effect Size	-	0.52	-	-	0.31	-	-	0.35	-
25th percentile	50.9	53.5	2.6	45.5	48.7	3.2	45.2	48.5	3.3
75th percentile	61.9	64.8	2.9	58.2	60.9	2.7	57.5	60.7	3.2
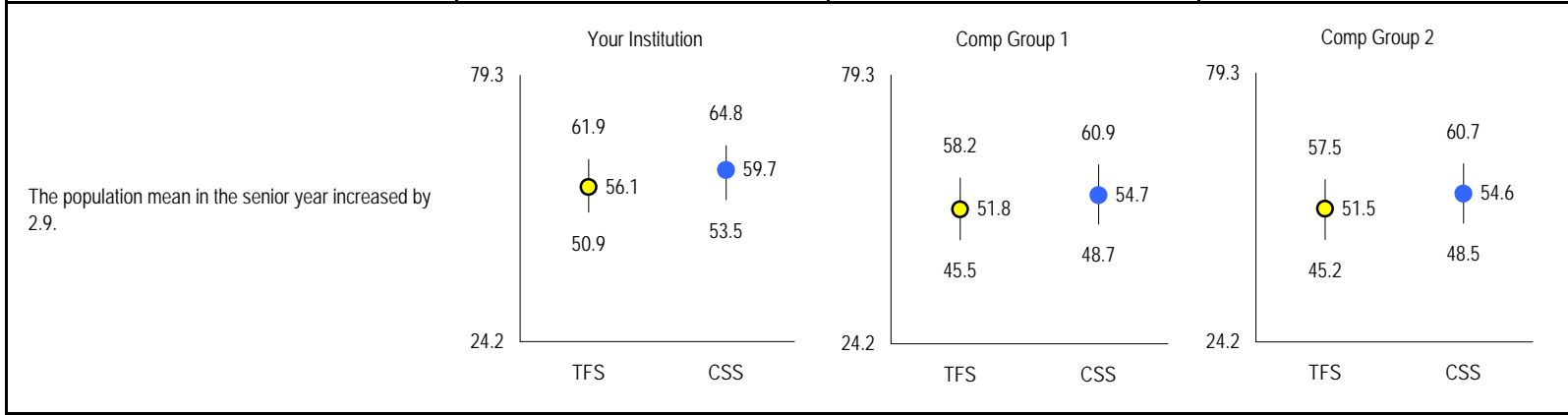
The population mean in the senior year increased by 2.9.

Your Institution

- 79.3
- 61.9
- 64.8
- 56.1
- 59.7
- 53.5
- 50.9
- 24.2
- TFS · CSS

Comp Group 1

- 79.3
- 58.2
- 60.9
- 51.8
- 54.7
- 48.7
- 45.5
- 24.2
- TFS · CSS

Comp Group 2

- 79.3
- 57.5
- 60.7
- 51.5
- 54.6
- 48.5
- 45.2
- 24.2
- TFS · CSS

	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	15	15	-	885	885	-	2,537	2,537	-
High Construct Score Group	53.3%	66.7%	13.3%	33.8%	50.2%	16.4%	32.7%	49.3%	16.6%
Average Construct Score Group	40.0%	33.3%	-6.7%	42.5%	34.8%	-7.7%	42.7%	36.6%	-6.1%
Low Construct Score Group	6.7%	0.0%	-6.7%	23.7%	15.0%	-8.7%	24.6%	14.2%	-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

- 66.7%
- 53.3%
- TFS · CSS

Comp Group 1
High Score Group

- 50.2%
- 33.8%
- TFS · CSS

Comp Group 2
High Score Group

- 49.3%
- 32.7%
- TFS · CSS

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)	14	14	-	870	870	-	2,487	2,487	-
Mean	48.1	50.7	2.5	50.0	51.5	1.5	49.9	52.2	2.3
Standard Deviation	9.22	9.10	-	9.48	10.08	-	9.21	9.96	-
Significance	-		-	-	**	-	-	***	-
Effect Size	-	0.28	-	-	0.15	-	-	0.23	-
25th percentile	40.0	44.8	4.8	44.2	45.5	1.3	44.3	46.2	1.9
75th percentile	54.8	56.5	1.7	56.0	58.4	2.4	55.7	58.8	3.1
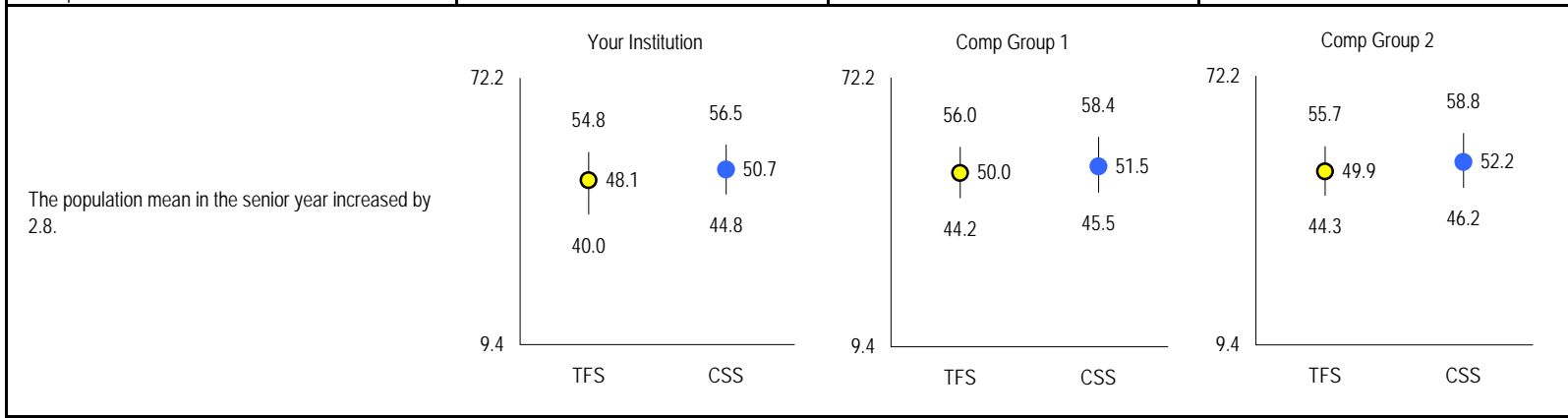
The population mean in the senior year increased by 2.8.

Your Institution: TFS 48.1 (40.0–54.8), CSS 50.7 (44.8–56.5); scale 9.4–72.2

Comp Group 1: TFS 50.0 (44.2–56.0), CSS 51.5 (45.5–58.4); scale 9.4–72.2

Comp Group 2: TFS 49.9 (44.3–55.7), CSS 52.2 (46.2–58.8); scale 9.4–72.2

	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	14	14	-	870	870	-	2,487	2,487	-
High Construct Score Group	21.4%	35.7%	14.3%	27.9%	34.5%	6.6%	27.3%	37.1%	9.8%
Average Construct Score Group	35.7%	35.7%	0.0%	43.4%	42.0%	-1.5%	45.2%	42.7%	-2.4%
Low Construct Score Group	42.9%	28.6%	-14.3%	28.6%	23.6%	-5.1%	27.6%	20.2%	-7.4%
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 21.4%, CSS 35.7%

Comp Group 1 High Score Group: TFS 27.9%, CSS 34.5%

Comp Group 2 High Score Group: TFS 27.3%, CSS 37.1%

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

2D

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)	70	70	-	1,208	1,208	-	4,118	4,118	-
Mean	51.0	52.3	1.3	50.5	53.2	2.7	49.2	51.8	2.6
Standard Deviation	9.08	13.29	-	9.16	12.74	-	8.89	12.64	-
Significance	-		-	-	***	-	-	***	-
Effect Size	-	0.10	-	-	0.21	-	-	0.20	-
25th percentile	44.4	41.6	-2.8	44.6	43.4	-1.2	43.1	41.9	-1.2
75th percentile	57.9	62.8	4.9	56.8	62.9	6.1	55.3	60.6	5.3

The population mean in the senior year increased by 1.7.

Survey items and estimation 'weights':
Rate yourself on each of the following traits as compared with the average person your age:
* 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)
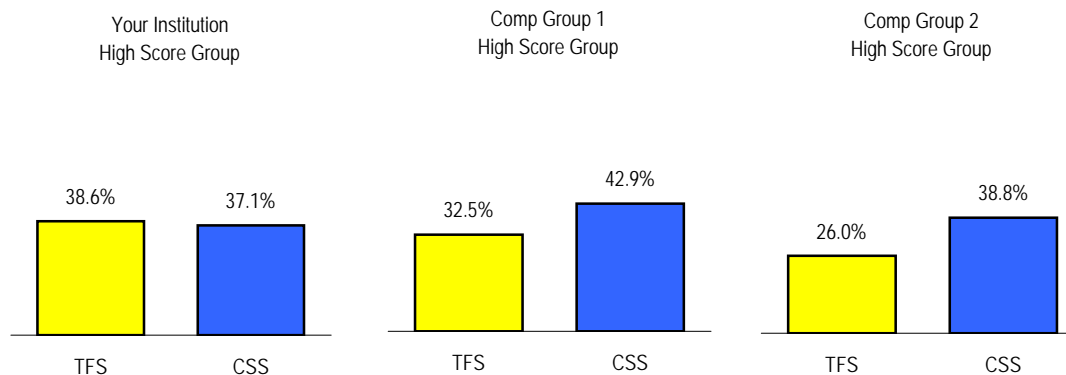* Ask questions in class (1.50)

Your Institution
79.1
57.9
62.8
51.0
52.3
44.4
41.6
4.0
TFS   CSS

Comp Group 1
79.1
56.8
62.9
50.5
53.2
44.6
43.4
4.0
TFS   CSS

Comp Group 2
73.9
55.3
60.6
49.2
51.8
43.1
41.9
5.2
TFS   CSS
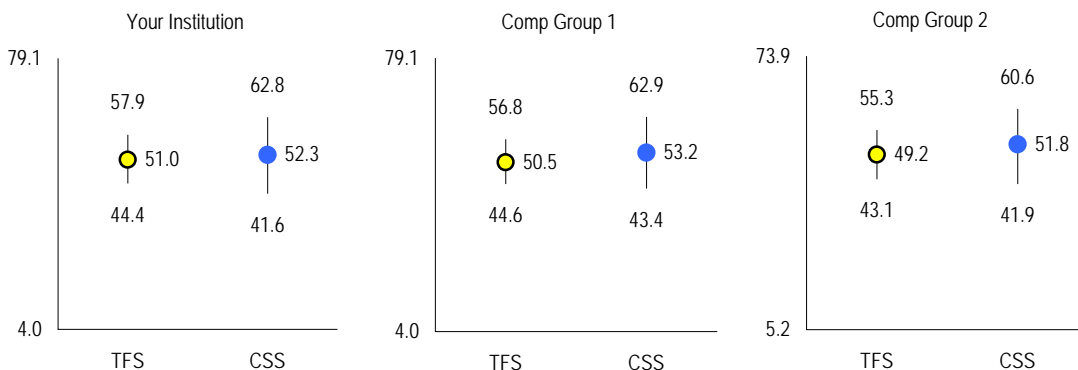
	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	70	70	-	1,208	1,208	-	4,118	4,118	-
High Construct Score Group	38.6%	37.1%	-1.4%	32.5%	42.9%	10.4%	26.0%	38.8%	12.8%
Average Construct Score Group	31.4%	30.0%	-1.4%	41.0%	29.0%	-12.0%	42.4%	29.0%	-13.4%
Low Construct Score Group	30.0%	32.9%	2.9%	26.6%	28.1%	1.6%	31.6%	32.2%	0.6%
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
High Score Group
38.6% 37.1%
TFS   CSS

Comp Group 1
High Score Group
32.5% 42.9%
TFS   CSS

Comp Group 2
High Score Group
26.0% 38.8%
TFS   CSS

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

Academic Self-Concept
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)	70	70	-	1,294	1,294	-	4,395	4,395	-
Mean	51.5	50.9	-0.6	49.0	49.5	0.5	48.5	49.0	0.5
Standard Deviation	6.91	7.28	-	8.47	9.04	-	8.26	8.80	-
Significance	-		-	-		-	-	**	-
Effect Size	-	-0.09	-	-	0.06	-	-	0.06	-
25th percentile	46.2	46.4	0.2	43.1	43.4	0.3	42.6	43.3	0.7
75th percentile	57.0	55.3	-1.7	54.6	55.2	0.6	53.5	54.2	0.7
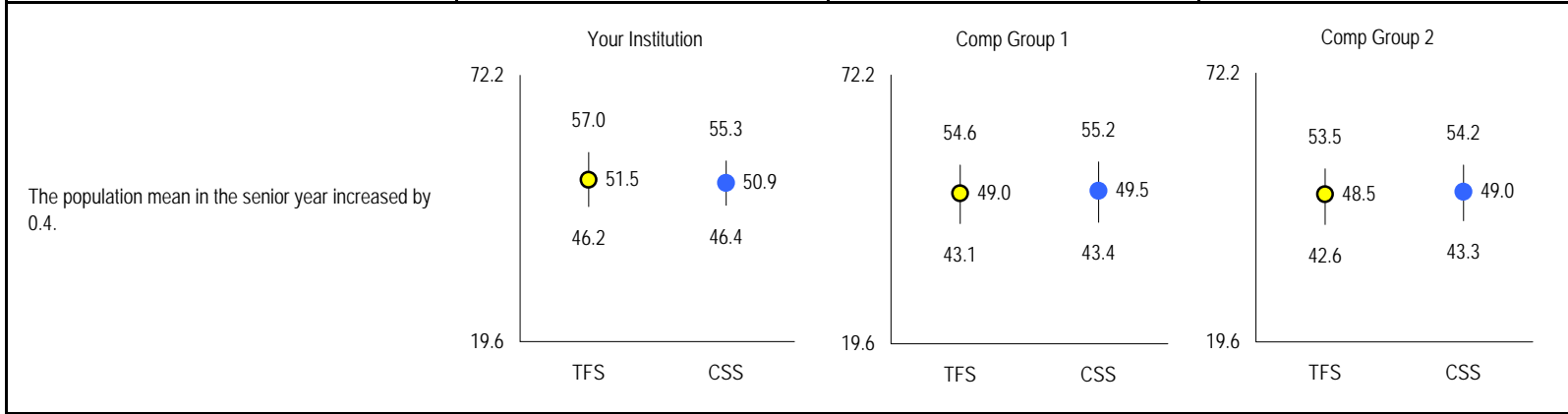
The population mean in the senior year increased by 0.4.

Your Institution

	TFS	CSS
	57.0	55.3
	51.5	50.9
	46.2	46.4

Comp Group 1

	TFS	CSS
	54.6	55.2
	49.0	49.5
	43.1	43.4

Comp Group 2

	TFS	CSS
	53.5	54.2
	48.5	49.0
	42.6	43.3

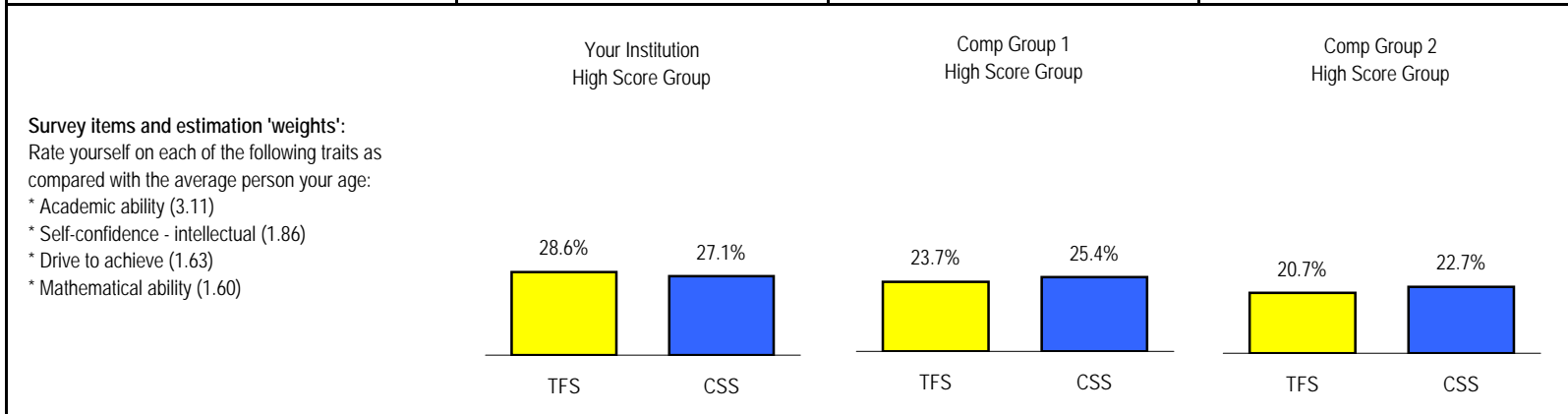|	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Total (n)	70	70	-	1,294	1,294	-	4,395	4,395	-
High Construct Score Group	28.6%	27.1%	-1.4%	23.7%	25.4%	1.7%	20.7%	22.7%	2.0%
Average Construct Score Group	54.3%	55.7%	1.4%	44.4%	44.0%	-0.3%	46.1%	46.0%	-0.1%
Low Construct Score Group	17.1%	17.1%	0.0%	31.9%	30.5%	-1.4%	33.2%	31.3%	-1.9%
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)

Your Institution
High Score Group

TFS	CSS
28.6%	27.1%

Comp Group 1
High Score Group

TFS	CSS
23.7%	25.4%

Comp Group 2
High Score Group

TFS	CSS
20.7%	22.7%

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

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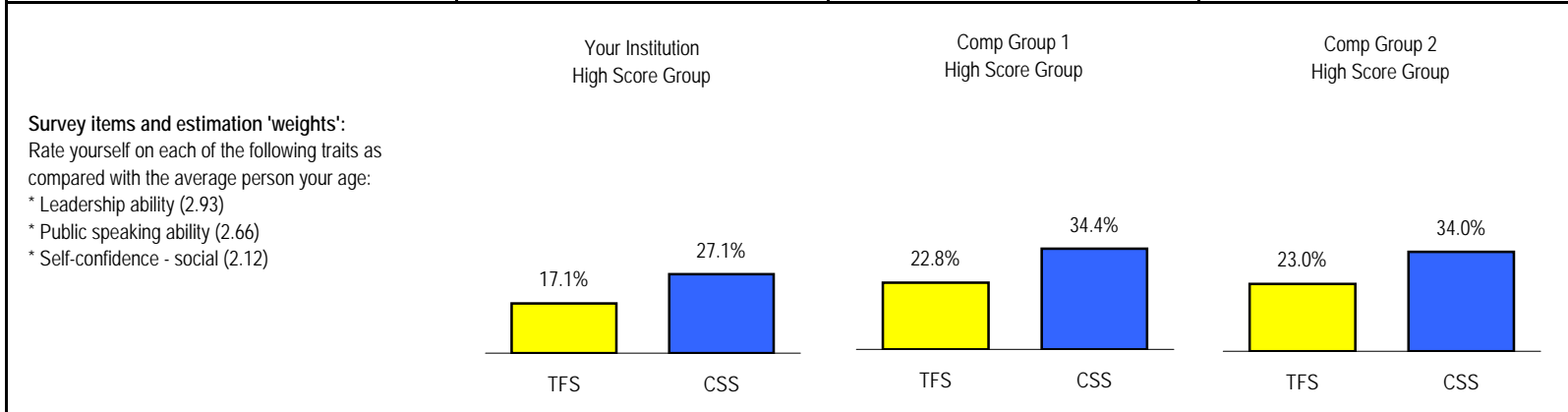*at the* HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

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)	70	70	-	1,291	1,291	-	4,385	4,385	-
Mean	48.3	51.1	2.9	48.7	51.6	3.0	49.0	51.7	2.7
Standard Deviation	8.79	7.53	-	9.19	8.66	-	8.84	8.42	-
Significance	-	*	-	-	***	-	-	***	-
Effect Size	-	0.38	-	-	0.34	-	-	0.32	-
25th percentile	42.6	45.3	2.7	42.6	45.2	2.6	42.7	45.4	2.7
75th percentile	53.7	55.8	2.1	54.6	57.2	2.6	54.6	57.1	2.5
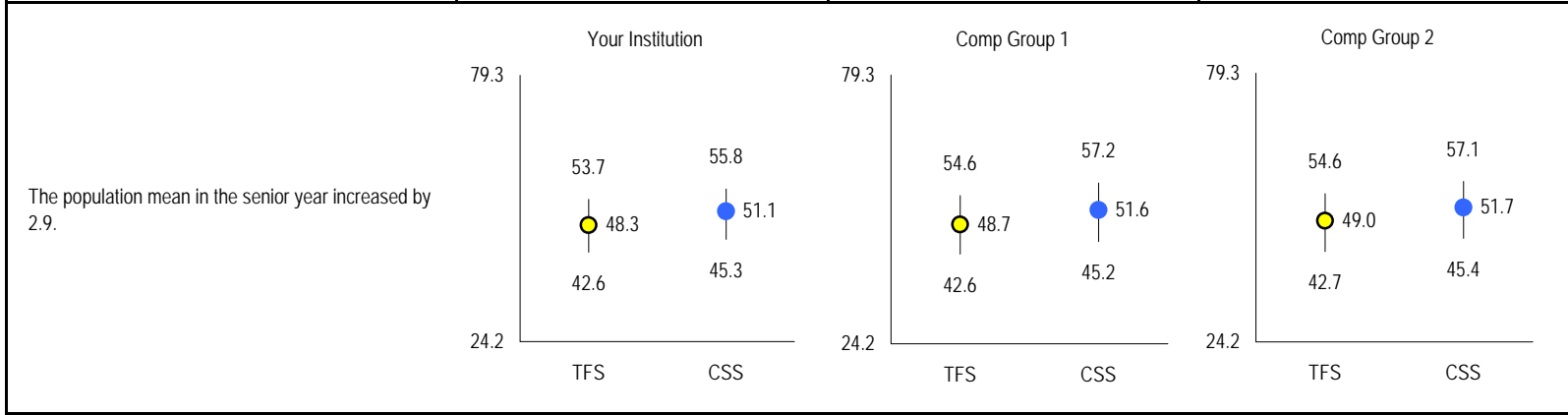
The population mean in the senior year increased by 2.9.

Your Institution: TFS 48.3 (53.7 / 42.6), CSS 51.1 (55.8 / 45.3); range 24.2–79.3
Comp Group 1: TFS 48.7 (54.6 / 42.6), CSS 51.6 (57.2 / 45.2); range 24.2–79.3
Comp Group 2: TFS 49.0 (54.6 / 42.7), CSS 51.7 (57.1 / 45.4); range 24.2–79.3

	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Percentage Report									
Total (n)	70	70	-	1,291	1,291	-	4,385	4,385	-
High Construct Score Group	17.1%	27.1%	10.0%	22.8%	34.4%	11.6%	23.0%	34.0%	11.0%
Average Construct Score Group	47.1%	48.6%	1.4%	41.8%	41.4%	-0.4%	42.8%	43.4%	0.6%
Low Construct Score Group	35.7%	24.3%	-11.4%	35.5%	24.2%	-11.2%	34.2%	22.5%	-11.6%
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 17.1%, CSS 27.1%
Comp Group 1 High Score Group: TFS 22.8%, CSS 34.4%
Comp Group 2 High Score Group: TFS 23.0%, CSS 34.0%

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

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

Social Agency
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)	70	70	-	1,246	1,246	-	4,296	4,296	-
Mean	50.8	53.8	2.9	50.7	52.3	1.6	50.8	53.1	2.3
Standard Deviation	8.80	9.95	-	9.37	10.11	-	8.81	9.48	-
Significance	-		-	-	***	-	-	***	-
Effect Size	-	0.29	-	-	0.16	-	-	0.25	-
25th percentile	45.2	47.0	1.8	44.5	45.9	1.4	45.1	47.1	2.0
75th percentile	54.8	59.4	4.6	56.7	58.5	1.8	56.6	59.1	2.5
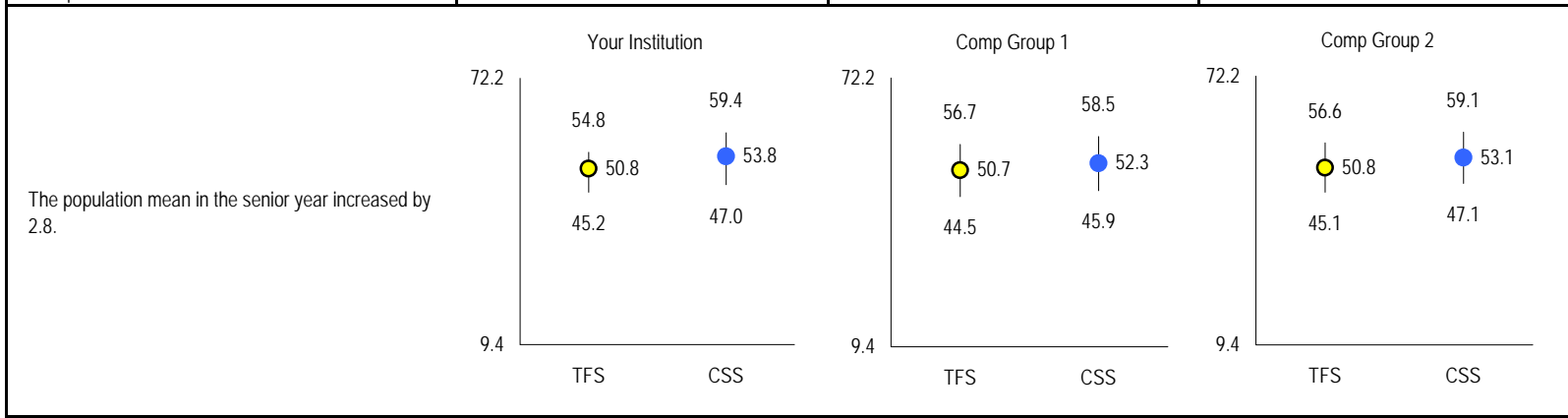
The population mean in the senior year increased by 2.8.

Your Institution — TFS 50.8 (54.8 / 45.2), CSS 53.8 (59.4 / 47.0)
Comp Group 1 — TFS 50.7 (56.7 / 44.5), CSS 52.3 (58.5 / 45.9)
Comp Group 2 — TFS 50.8 (56.6 / 45.1), CSS 53.1 (59.1 / 47.1)

	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	70	70	-	1,246	1,246	-	4,296	4,296	-
High Construct Score Group	24.3%	45.7%	21.4%	30.5%	38.2%	7.7%	30.7%	42.1%	11.4%
Average Construct Score Group	51.4%	37.1%	-14.3%	42.6%	39.9%	-2.7%	45.1%	40.2%	-4.9%
Low Construct Score Group	24.3%	17.1%	-7.1%	26.9%	21.9%	-5.0%	24.2%	17.8%	-6.5%
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 24.3%, CSS 45.7%
Comp Group 1 High Score Group — TFS 30.5%, CSS 38.2%
Comp Group 2 High Score Group — TFS 30.7%, CSS 42.1%

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

3D