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

2021 College Senior Survey

CIRP Longitudinal Construct Reports

University of California-San Diego

Comparison group 1:	Pubic Universities
Comparison group 2:	Public/Private Universities, Public 4Yr Colleges

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

2021 College Senior Survey
CIRP Longitudinal Construct Reports

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How to Read the CIRP Longitudinal Construct Reports

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.

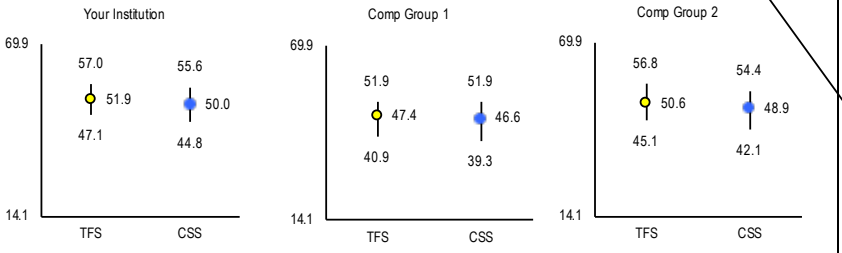
Statistical Significance – Uses t-test to examine the difference between the mean construct score on the CIRP Freshman Survey and CSS. Constructs with mean differences that are larger than would be expected by chance are noted with one, two, or three stars, which correspond to the three standard levels 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.

Academic Self-Concept

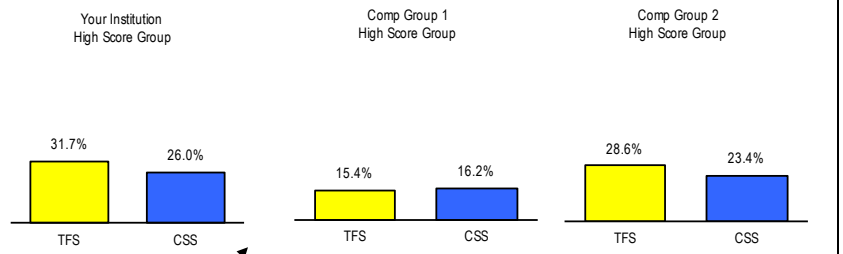
	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Mean Report	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Total (n)	627	627	-	3,878	3,878	-	11,616	11,616	-
Mean	51.9	50.0	-1.9	47.4	46.6	-0.8	50.6	48.9	-1.8
Standard deviation	7.54	8.86	-	8.16	8.94	-	8.68	9.28	-
Significance	-	***	-	-	***	-	-	***	-
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.



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)	-		-	-		-	-	***	-

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)



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.

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).

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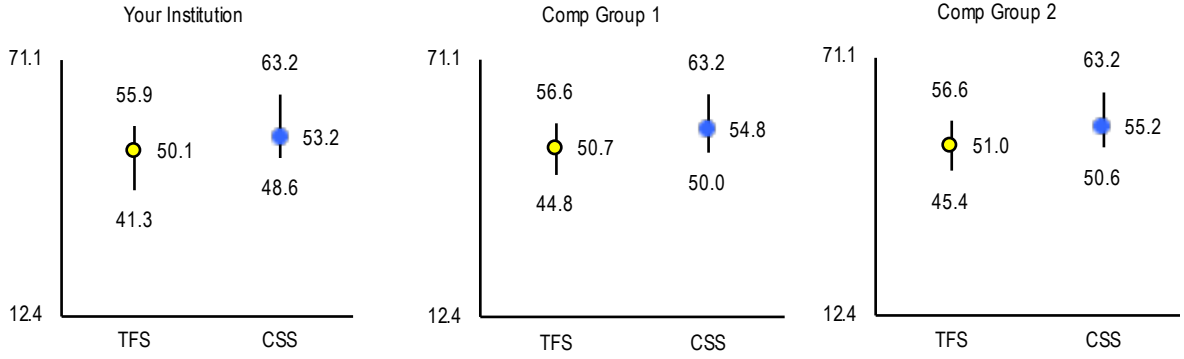
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Habits of Mind
CIRP Longitudinal Construct Report
All Respondents

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	24	24	-	280	280	-	2,172	2,172	-
Mean	50.1	53.2	3.1	50.7	54.8	4.1	51.0	55.2	4.2
Standard deviation	8.38	8.63	-	8.34	7.65	-	7.92	7.40	-
Significance	-		-	-	***	-	-	***	-
Effect size	-	0.36	-	-	0.53	-	-	0.57	-
25th percentile	41.3	48.6	7.3	44.8	50.0	5.2	45.4	50.6	5.2
75th percentile	55.9	63.2	7.3	56.6	63.2	6.6	56.6	63.2	6.6

The population mean in the senior year increased by 0.1.



Longitudinal Percentage Report									
Total (n)	24	24	-	280	280	-	2,172	2,172	-
High Construct Score Group	41.7%	41.7%	0.0%	36.4%	56.4%	20.0%	34.1%	57.3%	23.2%
Average Construct Score Group	25.0%	41.7%	16.7%	38.6%	31.4%	-7.1%	42.6%	33.0%	-9.6%
Low Construct Score Group	33.3%	16.7%	-16.7%	25.0%	12.1%	-12.9%	23.3%	9.7%	-13.6%
Significance (based on High Score Group)	-		-	-	**	-	-	***	-

Survey items and estimation "weights":

How often in the past year did you:

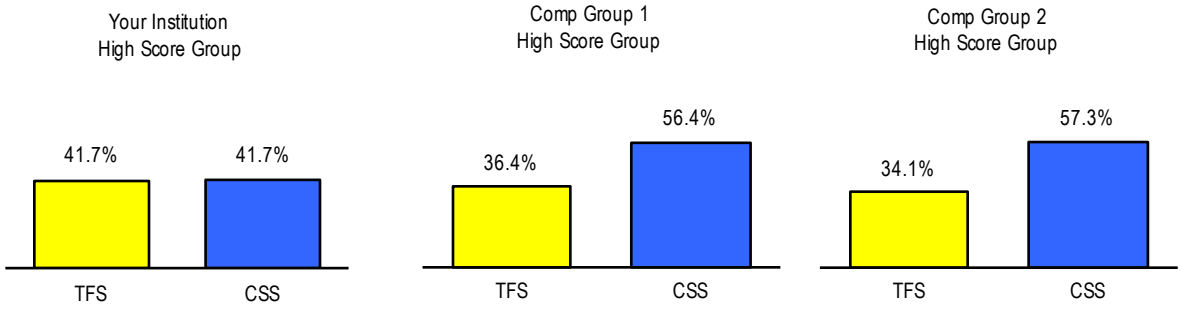
*Seek solutions to problems and explain them to others (2.17)

*Support your opinions with a logical argument (1.81)

*Look up scientific research articles and resources (1.71)

*Accept mistakes as part of the learning process (1.24)

*Explore topics on your own, even though it was not required for a class (1.09)



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

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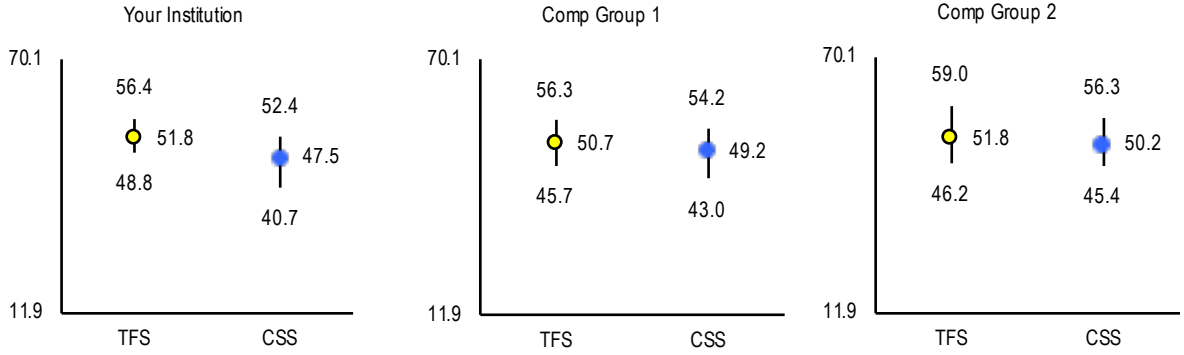
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Academic Self-Concept
CIRP Longitudinal Construct Report
All Respondents

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	17	17	-	254	254	-	1,844	1,844	-
Mean	51.8	47.5	-4.4	50.7	49.2	-1.5	51.8	50.2	-1.6
Standard deviation	6.69	7.75	-	8.57	8.67	-	9.11	8.80	-
Significance	-		-	-		-	-	***	-
Effect size	-	-0.56	-	-	-0.17	-	-	-0.18	-
25th percentile	48.8	40.7	-8.1	45.7	43.0	-2.7	46.2	45.4	-0.8
75th percentile	56.4	52.4	-4.0	56.3	54.2	-2.1	59.0	56.3	-2.7

The population mean in the senior year decreased by 0.9.

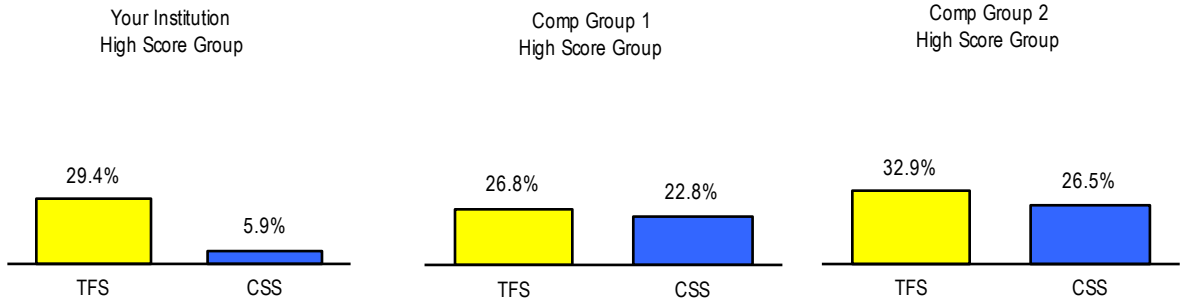


Longitudinal Percentage Report									
Total (n)	17	17	-	254	254	-	1,844	1,844	-
High Construct Score Group	29.4%	5.9%	-23.5%	26.8%	22.8%	-3.9%	32.9%	26.5%	-6.3%
Average Construct Score Group	58.8%	64.7%	5.9%	49.2%	48.8%	-0.4%	45.0%	49.3%	4.3%
Low Construct Score Group	11.8%	29.4%	17.6%	24.0%	28.3%	4.3%	22.2%	24.2%	2.0%
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 (3.08)
* Mathematical ability (1.37)
* Self-confidence (intellectual) (1.24)
* Drive to achieve (0.91)



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

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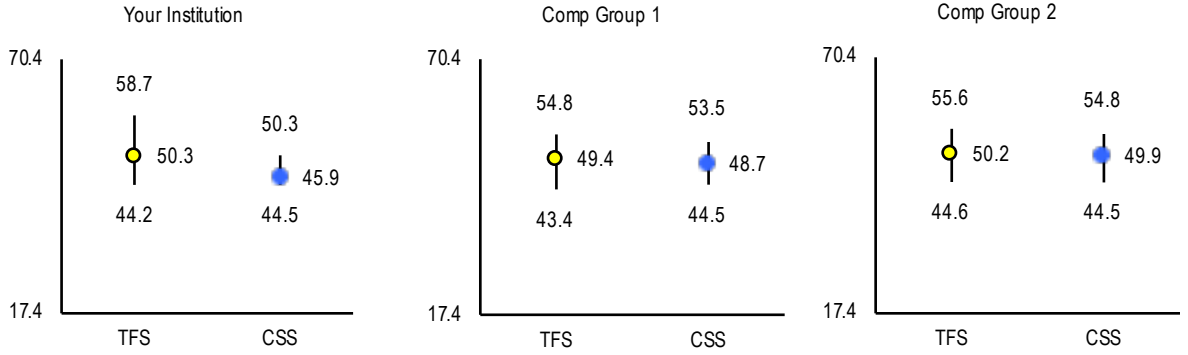
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Social Self-Concept
CIRP Longitudinal Construct Report
All Respondents

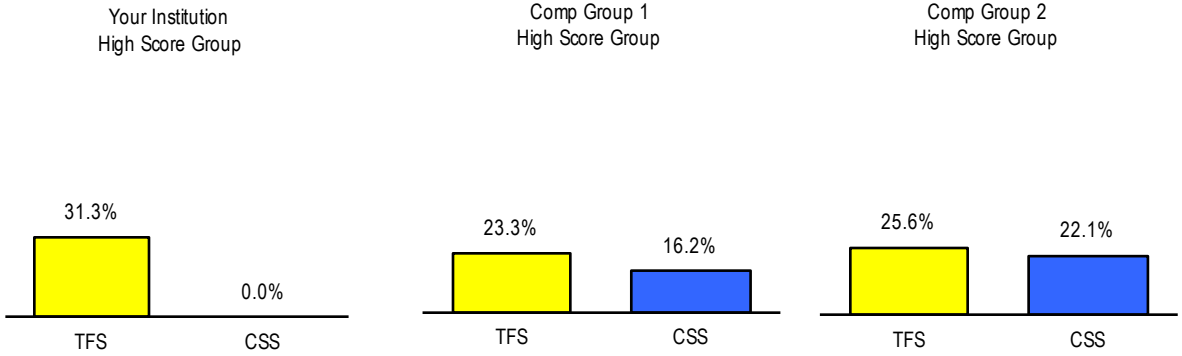
University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	16	16	-	253	253	-	1,841	1,841	-
Mean	50.3	45.9	-4.4	49.4	48.7	-0.7	50.2	49.9	-0.3
Standard deviation	9.41	6.79	-	8.74	8.28	-	8.60	8.25	-
Significance	-		-	-		-	-		-
Effect size	-	-0.65	-	-	-0.08	-	-	-0.03	-
25th percentile	44.2	44.5	0.3	43.4	44.5	1.1	44.6	44.5	-0.1
75th percentile	58.7	50.3	-8.4	54.8	53.5	-1.3	55.6	54.8	-0.8

The population mean in the senior year increased by 0.8.



Longitudinal Percentage Report									
Total (n)	16	16	-	253	253	-	1,841	1,841	-
High Construct Score Group	31.3%	0.0%	-31.3%	23.3%	16.2%	-7.1%	25.6%	22.1%	-3.5%
Average Construct Score Group	37.5%	43.8%	6.3%	40.3%	44.3%	4.0%	43.7%	46.7%	3.0%
Low Construct Score Group	31.3%	56.3%	25.0%	36.4%	39.5%	3.2%	30.7%	31.2%	0.5%
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:
* Self-confidence (social) (1.55)
* Leadership ability (2.43)
* Public speaking ability (1.90)



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

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2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Social Self-Concept
CIRP Longitudinal Construct Report
All Respondents

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change

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

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
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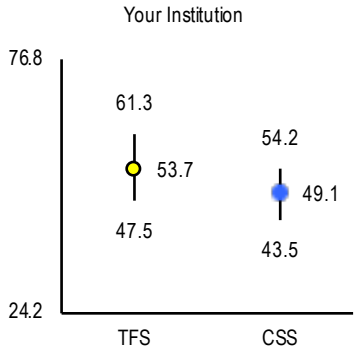
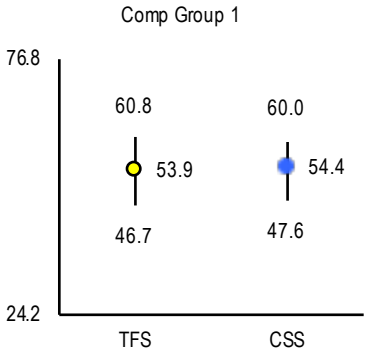
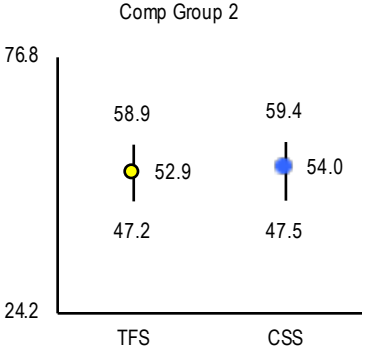
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Social Agency
CIRP Longitudinal Construct Report
All Respondents

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	17	17	-	257	257	-	1,808	1,808	-
Mean	53.7	49.1	-4.6	53.9	54.4	0.5	52.9	54.0	1.1
Standard deviation	8.75	11.46	-	9.88	9.89	-	9.17	9.23	-
Significance	-		-	-		-	-	***	-
Effect size	-	-0.40	-	-	0.05	-	-	0.12	-
25th percentile	47.5	43.5	-4.0	46.7	47.6	0.9	47.2	47.5	0.3
75th percentile	61.3	54.2	-7.1	60.8	60.0	-0.8	58.9	59.4	0.5

The population mean in the senior year decreased by 0.3.



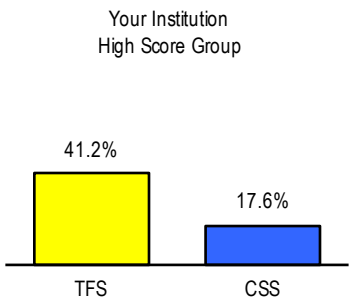


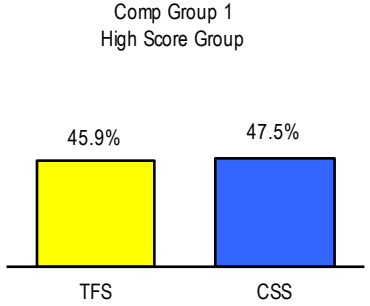


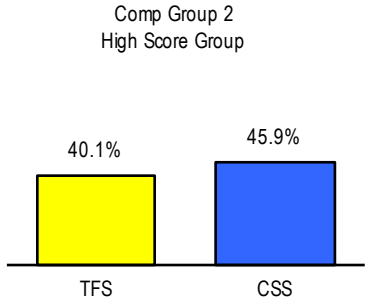
Longitudinal Percentage Report									
Total (n)	17	17	-	257	257	-	1,808	1,808	-
High Construct Score Group	41.2%	17.6%	-23.5%	45.9%	47.5%	1.6%	40.1%	45.9%	5.8%
Average Construct Score Group	47.1%	52.9%	5.9%	36.6%	37.7%	1.2%	42.3%	38.9%	-3.4%
Low Construct Score Group	11.8%	29.4%	17.6%	17.5%	14.8%	-2.7%	17.6%	15.2%	-2.4%
Significance (based on High Score Group)	-		-	-		-	-	*	-

Survey items and estimation "weights":
Indicate the importance to you personally of each of the following:

* Keeping up to date with political affairs (1.48)
* Participating in a community action program (2.41)
* Influencing social values (1.64)
* Becoming a community leader (2.09)
* Helping others who are in difficulty (1.17)
* Helping to promote racial understanding (2.15)







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

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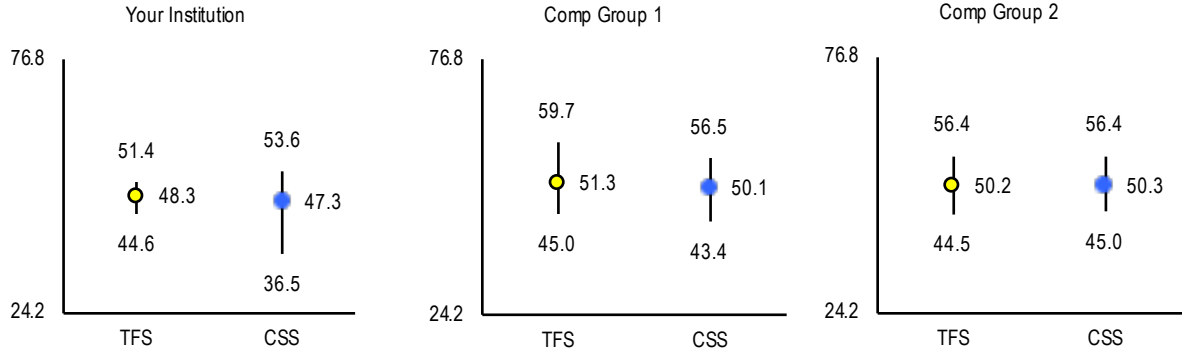
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Pluralistic Orientation
CIRP Longitudinal Construct Report
All Respondents

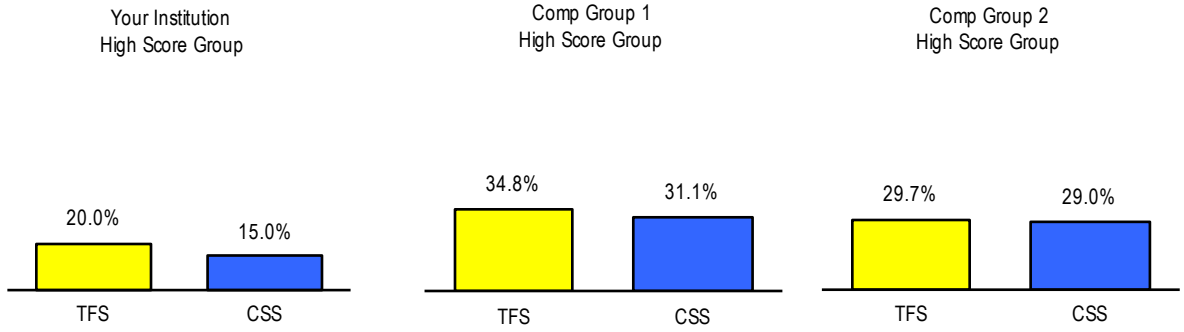
University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	20	20	-	273	273	-	2,042	2,042	-
Mean	48.3	47.3	-1.0	51.3	50.1	-1.2	50.2	50.3	0.1
Standard deviation	8.78	10.47	-	8.93	9.51	-	8.61	8.66	-
Significance	-		-	-		-	-		-
Effect size	-	-0.09	-	-	-0.13	-	-	0.01	-
25th percentile	44.6	36.5	-8.1	45.0	43.4	-1.6	44.5	45.0	0.5
75th percentile	51.4	53.6	2.2	59.7	56.5	-3.2	56.4	56.4	0.0

The population mean in the senior year decreased by 1.6



Longitudinal Percentage Report									
Total (n)	20	20	-	273	273	-	2,042	2,042	-
High Construct Score Group	20.0%	15.0%	-5.0%	34.8%	31.1%	-3.7%	29.7%	29.0%	-0.7%
Average Construct Score Group	55.0%	50.0%	-5.0%	42.5%	42.1%	-0.4%	42.9%	46.4%	3.5%
Low Construct Score Group	25.0%	35.0%	10.0%	22.7%	26.7%	4.0%	27.3%	24.6%	-2.7%
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:
* Ability to see the world from someone else's perspective (1.40)
* Tolerance of others with different beliefs (1.64)
* Openness to having my own views challenged (1.57)
* Ability to discuss and negotiate controversial issues (1.53)
* Ability to work cooperatively with diverse people (1.68)



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

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2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Pluralistic Orientation
CIRP Longitudinal Construct Report
All Respondents

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change

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

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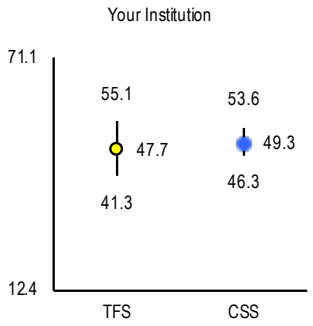
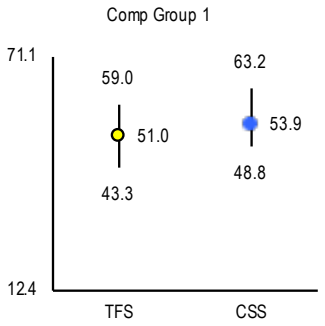
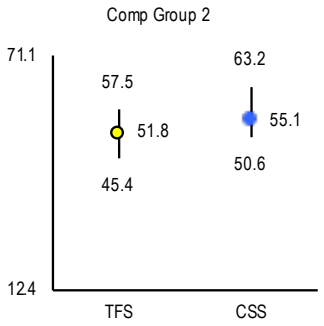
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Habits of Mind
CIRP Longitudinal Construct Report
Men

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	9	9	-	83	83	-	708	708	-
Mean	47.7	49.3	1.5	51.0	53.9	2.9	51.8	55.1	3.3
Standard deviation	8.43	8.73	-	8.54	7.97	-	7.82	7.52	-
Significance	-		-	-	*	-	-	***	-
Effect size	-	0.18	-	-	0.36	-	-	0.44	-
25th percentile	41.3	46.3	5.0	43.3	48.8	5.5	45.4	50.6	5.2
75th percentile	55.1	53.6	-1.5	59.0	63.2	4.2	57.5	63.2	5.7

The population mean in the senior year increased by 0.1.

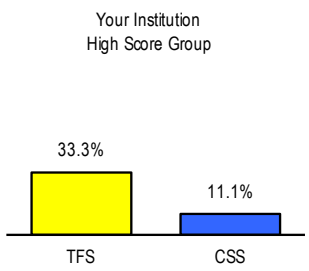


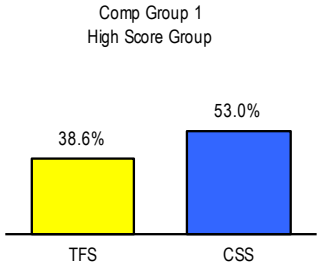


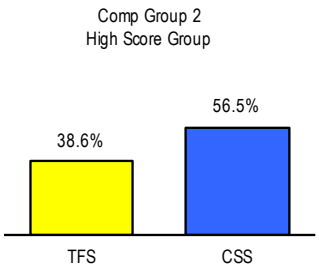


Longitudinal Percentage Report									
Total (n)	9	9	-	83	83	-	708	708	-
High Construct Score Group	33.3%	11.1%	-22.2%	38.6%	53.0%	14.5%	38.6%	56.5%	17.9%
Average Construct Score Group	11.1%	66.7%	55.6%	34.9%	32.5%	-2.4%	40.0%	33.8%	-6.2%
Low Construct Score Group	55.6%	22.2%	-33.3%	26.5%	14.5%	-12.0%	21.5%	9.7%	-11.7%
Significance (based on High Score Group)	-		-	-		-	-	***	-

Survey items and estimation "weights":
How often in the past year did you:
*Seek solutions to problems and explain them to others (2.17)
*Support your opinions with a logical argument (1.81)
*Look up scientific research articles and resources (1.71)
*Accept mistakes as part of the learning process (1.24)
*Explore topics on your own, even though it was not required for a class (1.09)







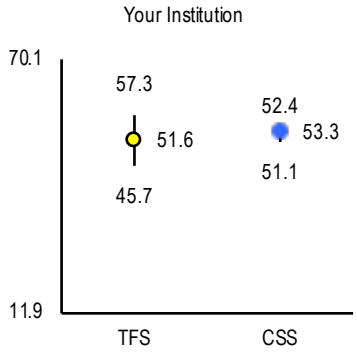
Note: Significance * p<.05, ** p<.01, *** p<.001

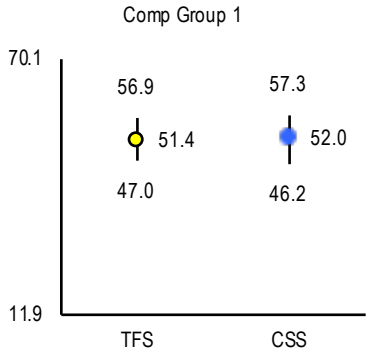
COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

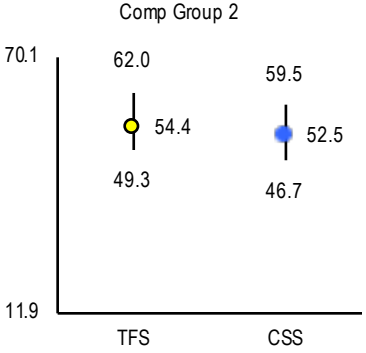
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Academic Self-Concept
CIRP Longitudinal Construct Report
Men

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	6	6	-	75	75	-	588	588	-
Mean	51.6	53.3	1.7	51.4	52.0	0.6	54.4	52.5	-2.0
Standard deviation	8.01	4.08	-	9.19	8.11	-	9.38	9.32	-
Significance	-		-	-		-	-	***	-
Effect size	-	0.41	-	-	0.07	-	-	-0.21	-
25th percentile	45.7	51.1	5.4	47.0	46.2	-0.8	49.3	46.7	-2.6
75th percentile	57.3	52.4	-4.9	56.9	57.3	0.4	62.0	59.5	-2.5

The population mean in the senior year decreased by 0.9.





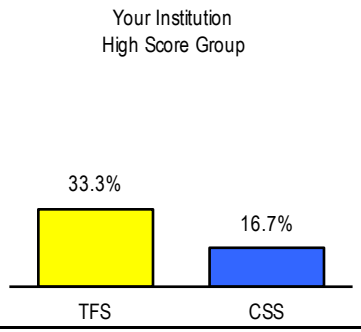


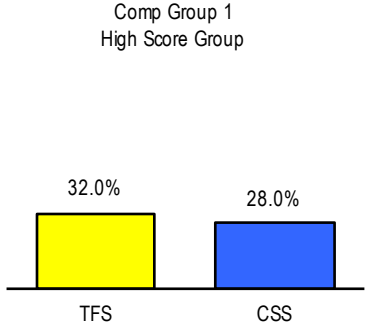
Longitudinal Percentage Report									
Total (n)	6	6	-	75	75	-	588	588	-
High Construct Score Group	33.3%	16.7%	-16.7%	32.0%	28.0%	-4.0%	43.9%	35.7%	-8.2%
Average Construct Score Group	50.0%	83.3%	33.3%	46.7%	54.7%	8.0%	41.0%	45.6%	4.6%
Low Construct Score Group	16.7%	0.0%	-16.7%	21.3%	17.3%	-4.0%	15.1%	18.7%	3.6%
Significance (based on High Score Group)	-		-	-		-	-		-

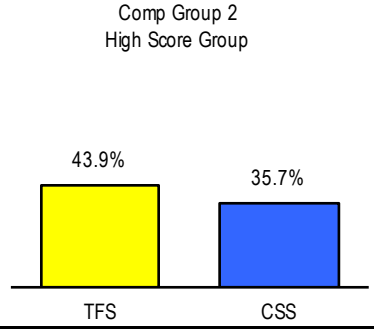
Survey items and estimation "weights":

Rate yourself on each of the following traits as compared with the average person your age:

* Academic ability (3.08)
* Mathematical ability (1.37)
* Self-confidence (intellectual) (1.24)
* Drive to achieve (0.91)







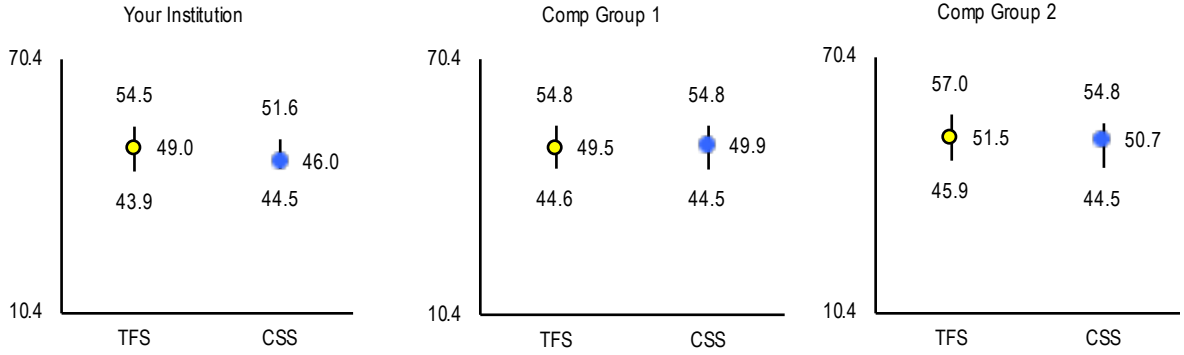
Note: Significance * p<.05, ** p<.01, *** p<.001

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

2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Social Self-Concept
CIRP Longitudinal Construct Report
Men

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	6	6	-	75	75	-	587	587	-
Mean	49.0	46.0	-3.0	49.5	49.9	0.5	51.5	50.7	-0.7
Standard deviation	8.61	6.62	-	8.19	8.26	-	8.35	7.89	-
Significance	-		-	-		-	-		-
Effect size	-	-0.46	-	-	0.06	-	-	-0.09	-
25th percentile	43.9	44.5	0.6	44.6	44.5	-0.1	45.9	44.5	-1.4
75th percentile	54.5	51.6	-2.9	54.8	54.8	0.0	57.0	54.8	-2.2

The population mean in the senior year increased by 0.8.

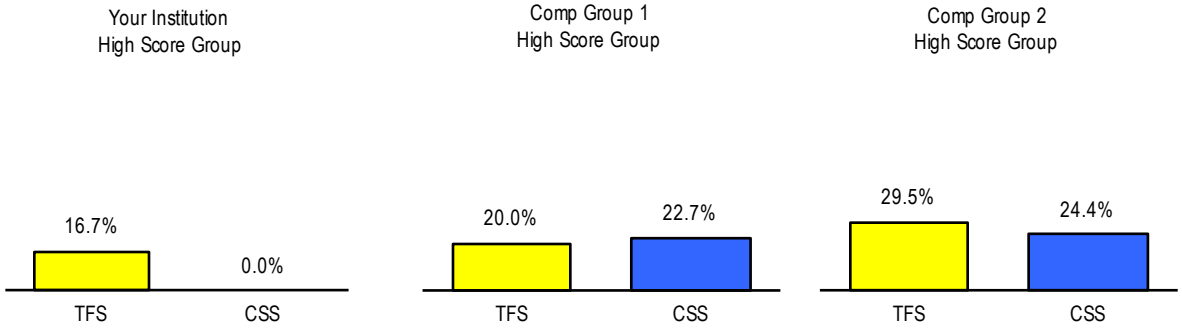


Longitudinal Percentage Report									
Total (n)	6	6	-	75	75	-	587	587	-
High Construct Score Group	16.7%	0.0%	-16.7%	20.0%	22.7%	2.7%	29.5%	24.4%	-5.1%
Average Construct Score Group	33.3%	33.3%	0.0%	46.7%	40.0%	-6.7%	46.2%	48.7%	2.6%
Low Construct Score Group	50.0%	66.7%	16.7%	33.3%	37.3%	4.0%	24.4%	26.9%	2.6%
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:

* Self-confidence (social) (1.55)
* Leadership ability (2.43)
* Public speaking ability (1.90)



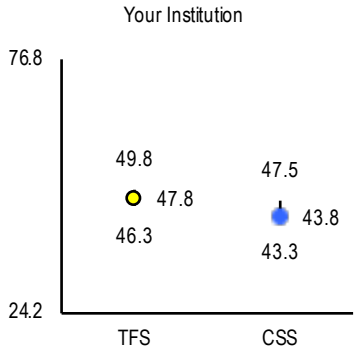
Note: Significance * p<.05, ** p<.01, *** p<.001

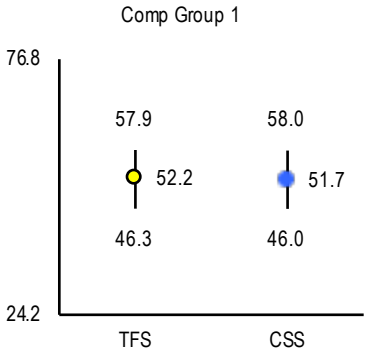
COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

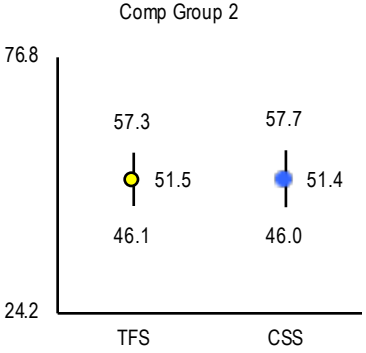
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Social Agency
CIRP Longitudinal Construct Report
Men

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	6	6	-	78	78	-	582	582	-
Mean	47.8	43.8	-4.0	52.2	51.7	-0.5	51.5	51.4	-0.1
Standard deviation	2.88	8.92	-	9.92	9.93	-	9.07	8.98	-
Significance	-		-	-		-	-		-
Effect size	-	-0.45	-	-	-0.05	-	-	-0.02	-
25th percentile	46.3	43.3	-3.0	46.3	46.0	-0.3	46.1	46.0	-0.1
75th percentile	49.8	47.5	-2.3	57.9	58.0	0.1	57.3	57.7	0.4

The population mean in the senior year decreased by 0.3.

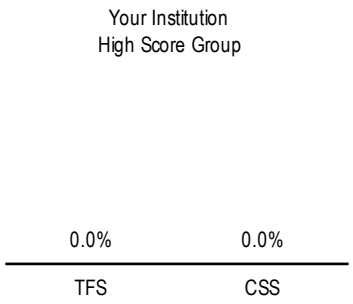


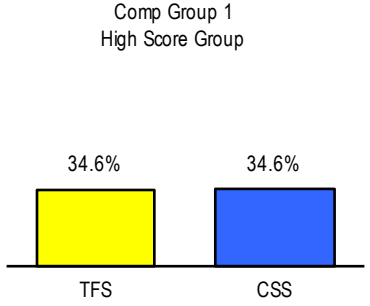


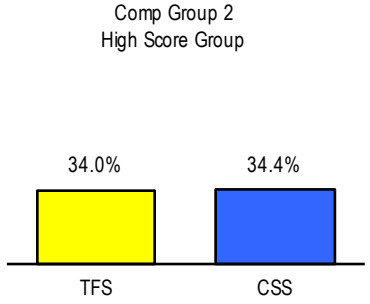


Longitudinal Percentage Report									
Total (n)	6	6	-	78	78	-	582	582	-
High Construct Score Group	0.0%	0.0%	0.0%	34.6%	34.6%	0.0%	34.0%	34.4%	0.3%
Average Construct Score Group	83.3%	50.0%	-33.3%	46.2%	43.6%	-2.6%	43.8%	44.7%	0.9%
Low Construct Score Group	16.7%	50.0%	33.3%	19.2%	21.8%	2.6%	22.2%	21.0%	-1.2%
Significance (based on High Score Group)	-		-	-		-	-		-

Survey items and estimation "weights":
Indicate the importance to you personally of each of the following:
* Keeping up to date with political affairs (1.48)
* Participating in a community action program (2.41)
* Influencing social values (1.64)
* Becoming a community leader (2.09)
* Helping others who are in difficulty (1.17)
* Helping to promote racial understanding (2.15)







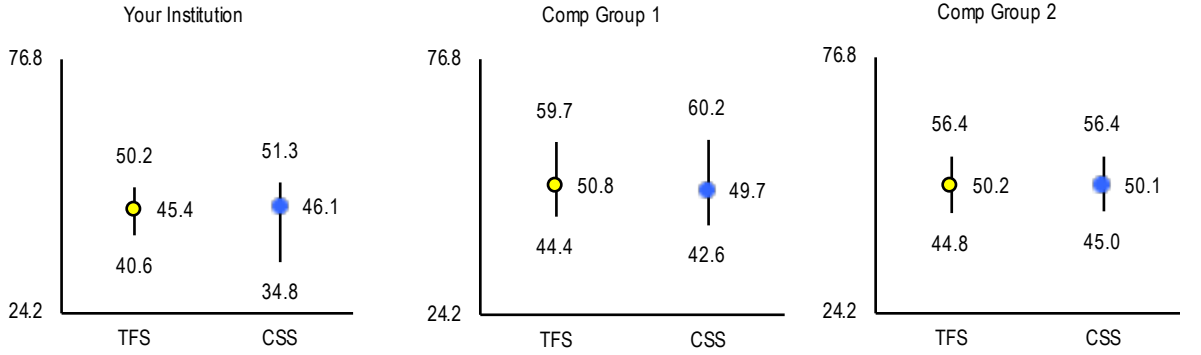
Note: Significance * p<.05, ** p<.01, *** p<.001

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

2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Pluralistic Orientation
CIRP Longitudinal Construct Report
Men

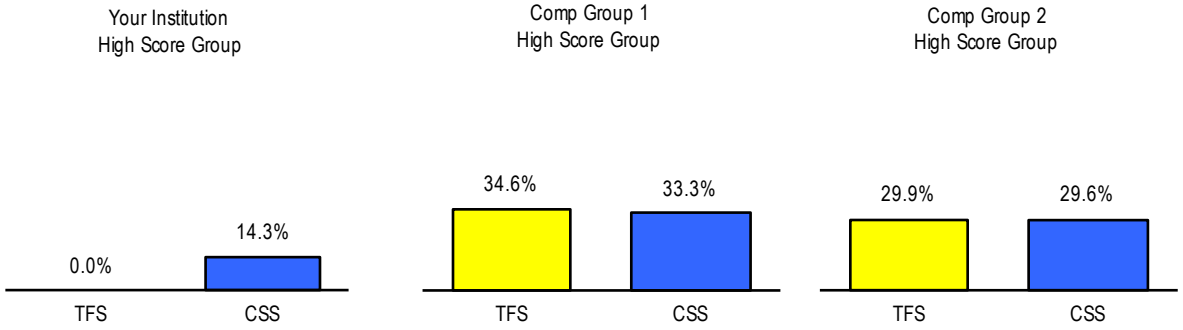
University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	7	7	-	81	81	-	663	663	-
Mean	45.4	46.1	0.7	50.8	49.7	-1.1	50.2	50.1	-0.1
Standard deviation	6.12	11.09	-	9.16	10.48	-	8.17	8.98	-
Significance	-		-	-		-	-		-
Effect size	-	0.06	-	-	-0.10	-	-	-0.01	-
25th percentile	40.6	34.8	-5.8	44.4	42.6	-1.8	44.8	45.0	0.2
75th percentile	50.2	51.3	1.1	59.7	60.2	0.5	56.4	56.4	0.0

The population mean in the senior year decreased by 1.6



Longitudinal Percentage Report									
Total (n)	7	7	-	81	81	-	663	663	-
High Construct Score Group	0.0%	14.3%	14.3%	34.6%	33.3%	-1.2%	29.9%	29.6%	-0.3%
Average Construct Score Group	71.4%	42.9%	-28.6%	39.5%	32.1%	-7.4%	43.7%	45.6%	1.8%
Low Construct Score Group	28.6%	42.9%	14.3%	25.9%	34.6%	8.6%	26.4%	24.9%	-1.5%
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:
* Ability to see the world from someone else's perspective (1.40)
* Tolerance of others with different beliefs (1.64)
* Openness to having my own views challenged (1.57)
* Ability to discuss and negotiate controversial issues (1.53)
* Ability to work cooperatively with diverse people (1.68)



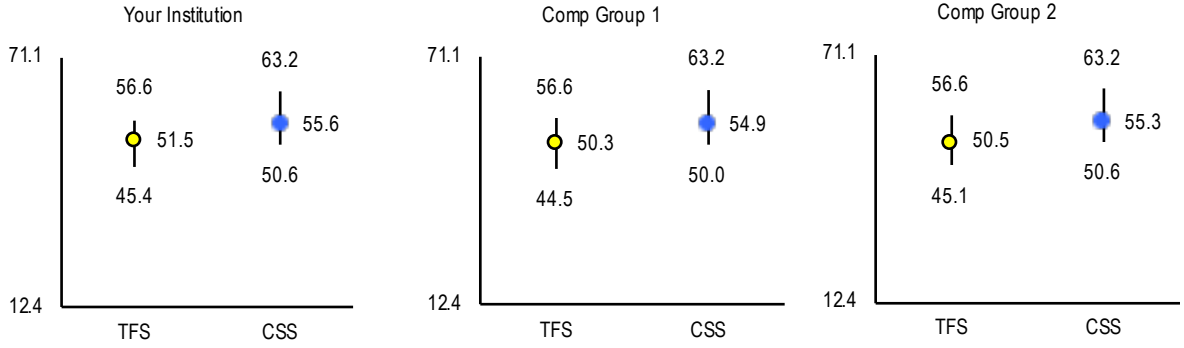
Note: Significance * p<.05, ** p<.01, *** p<.001

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

2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Habits of Mind
CIRP Longitudinal Construct Report
Women

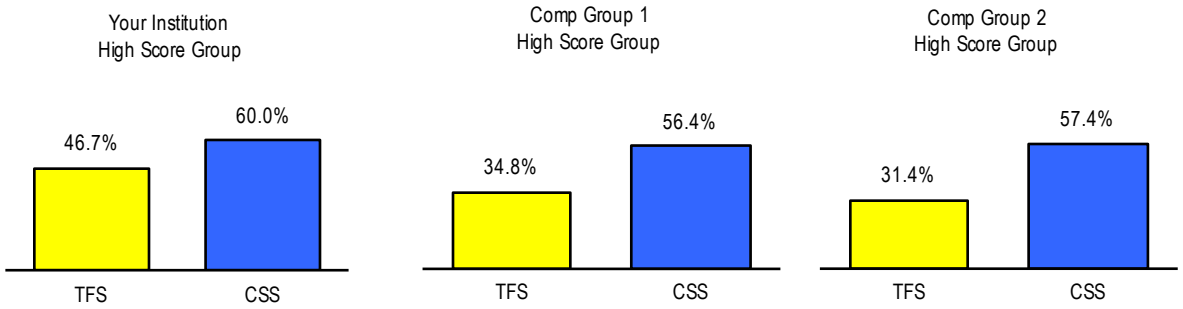
University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	15	15	-	181	181	-	1,421	1,421	-
Mean	51.5	55.6	4.1	50.3	54.9	4.6	50.5	55.3	4.8
Standard deviation	8.32	7.94	-	8.35	7.52	-	7.97	7.30	-
Significance	-		-	-	***	-	-	***	-
Effect size	-	0.52	-	-	0.61	-	-	0.65	-
25th percentile	45.4	50.6	5.2	44.5	50.0	5.5	45.1	50.6	5.5
75th percentile	56.6	63.2	6.6	56.6	63.2	6.6	56.6	63.2	6.6

The population mean in the senior year increased by 0.1.



Longitudinal Percentage Report									
Total (n)	15	15	-	181	181	-	1,421	1,421	-
High Construct Score Group	46.7%	60.0%	13.3%	34.8%	56.4%	21.5%	31.4%	57.4%	26.0%
Average Construct Score Group	33.3%	26.7%	-6.7%	39.8%	32.0%	-7.7%	43.9%	32.9%	-11.0%
Low Construct Score Group	20.0%	13.3%	-6.7%	25.4%	11.6%	-13.8%	24.7%	9.6%	-15.1%
Significance (based on High Score Group)	-		-	-	**	-	-	***	-

Survey items and estimation "weights":
How often in the past year did you:
*Seek solutions to problems and explain them to others (2.17)
*Support your opinions with a logical argument (1.81)
*Look up scientific research articles and resources (1.71)
*Accept mistakes as part of the learning process (1.24)
*Explore topics on your own, even though it was not required for a class (1.09)



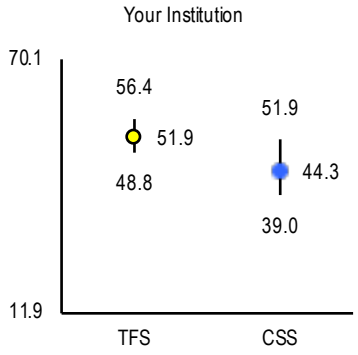
Note: Significance * p<.05, ** p<.01, *** p<.001

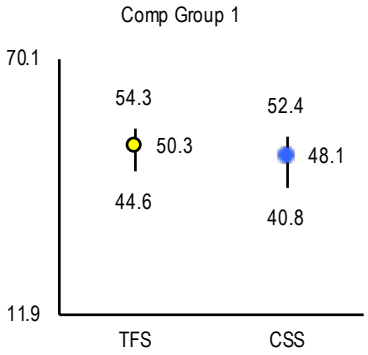
COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

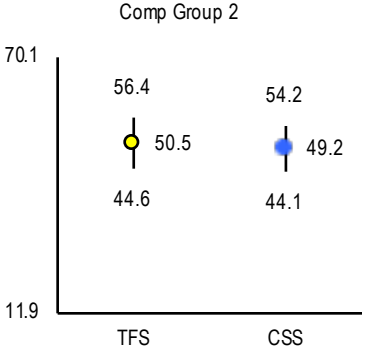
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Academic Self-Concept
CIRP Longitudinal Construct Report
Women

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	11	11	-	168	168	-	1,224	1,224	-
Mean	51.9	44.3	-7.6	50.3	48.1	-2.2	50.5	49.2	-1.3
Standard deviation	6.28	7.53	-	8.42	8.59	-	8.72	8.31	-
Significance	-	*	-	-	*	-	-	***	-
Effect size	-	-1.01	-	-	-0.25	-	-	-0.16	-
25th percentile	48.8	39.0	-9.8	44.6	40.8	-3.8	44.6	44.1	-0.5
75th percentile	56.4	51.9	-4.5	54.3	52.4	-1.9	56.4	54.2	-2.2

The population mean in the senior year decreased by 0.9.

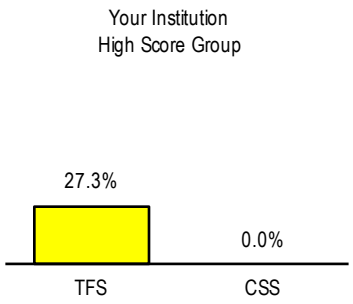


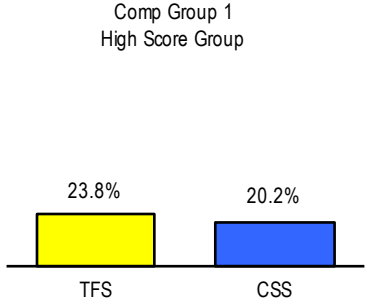


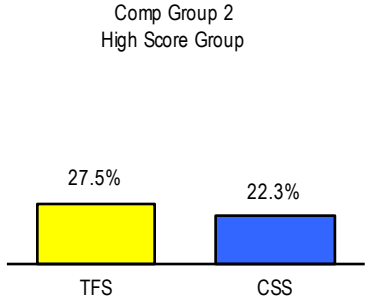


Longitudinal Percentage Report									
Total (n)	11	11	-	168	168	-	1,224	1,224	-
High Construct Score Group	27.3%	0.0%	-27.3%	23.8%	20.2%	-3.6%	27.5%	22.3%	-5.1%
Average Construct Score Group	63.6%	54.5%	-9.1%	50.0%	47.0%	-3.0%	47.1%	51.2%	4.1%
Low Construct Score Group	9.1%	45.5%	36.4%	26.2%	32.7%	6.5%	25.4%	26.5%	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 (3.08)
* Mathematical ability (1.37)
* Self-confidence (intellectual) (1.24)
* Drive to achieve (0.91)







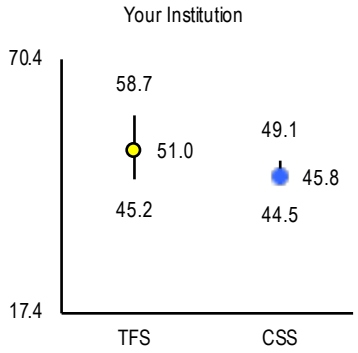
Note: Significance * p<.05, ** p<.01, *** p<.001

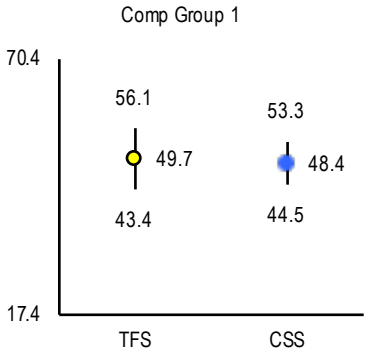
COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

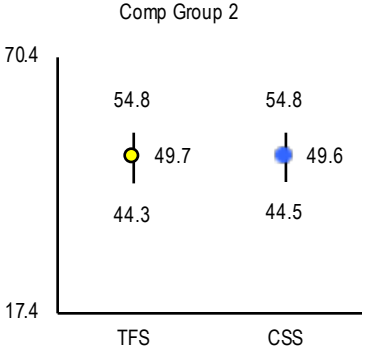
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Social Self-Concept
CIRP Longitudinal Construct Report
Women

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	10	10	-	167	167	-	1,222	1,222	-
Mean	51.0	45.8	-5.2	49.7	48.4	-1.4	49.7	49.6	-0.1
Standard deviation	10.23	7.23	-	8.95	8.37	-	8.65	8.42	-
Significance	-		-	-		-	-		-
Effect size	-	-0.72	-	-	-0.16	-	-	-0.01	-
25th percentile	45.2	44.5	-0.7	43.4	44.5	1.1	44.3	44.5	0.2
75th percentile	58.7	49.1	-9.6	56.1	53.3	-2.8	54.8	54.8	0.0

The population mean in the senior year increased by 0.8.





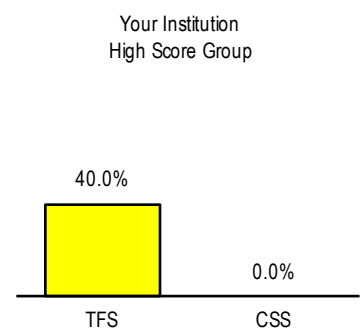


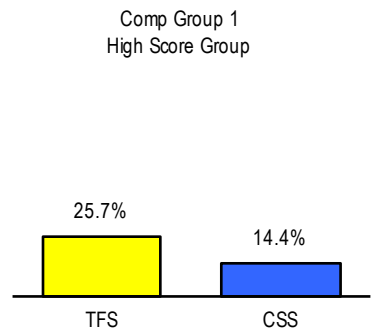
Longitudinal Percentage Report									
Total (n)	10	10	-	167	167	-	1,222	1,222	-
High Construct Score Group	40.0%	0.0%	-40.0%	25.7%	14.4%	-11.4%	24.1%	21.4%	-2.8%
Average Construct Score Group	40.0%	50.0%	10.0%	38.3%	45.5%	7.2%	42.5%	45.5%	3.0%
Low Construct Score Group	20.0%	50.0%	30.0%	35.9%	40.1%	4.2%	33.4%	33.1%	-0.2%
Significance (based on High Score Group)	-		-	-		-	-		-

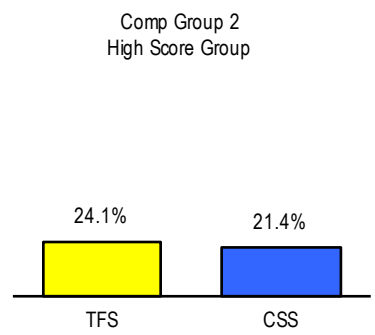
Survey items and estimation "weights":

Rate yourself on each of the following traits as compared with the average person your age:

* Self-confidence (social) (1.55)
* Leadership ability (2.43)
* Public speaking ability (1.90)







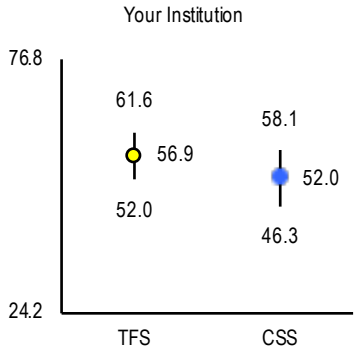
Note: Significance * p<.05, ** p<.01, *** p<.001

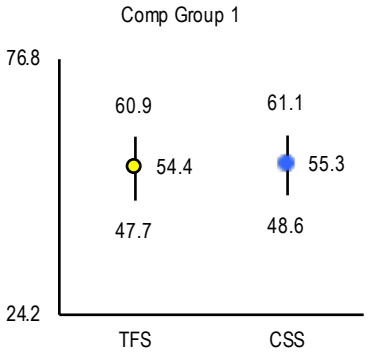
COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
at the HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA

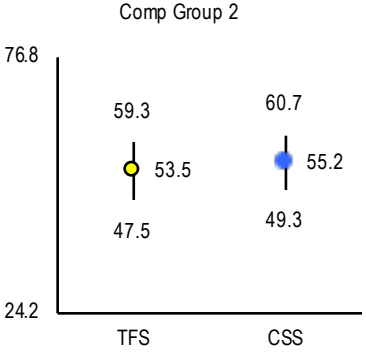
2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Social Agency
CIRP Longitudinal Construct Report
Women

University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	11	11	-	168	168	-	1,197	1,197	-
Mean	56.9	52.0	-4.9	54.4	55.3	0.9	53.5	55.2	1.8
Standard deviation	9.30	12.03	-	9.68	9.71	-	9.12	9.06	-
Significance	-		-	-		-	-	***	-
Effect size	-	-0.41	-	-	0.09	-	-	0.19	-
25th percentile	52.0	46.3	-5.7	47.7	48.6	0.9	47.5	49.3	1.8
75th percentile	61.6	58.1	-3.5	60.9	61.1	0.2	59.3	60.7	1.4

The population mean in the senior year decreased by 0.3.

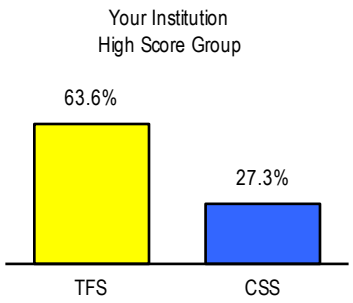


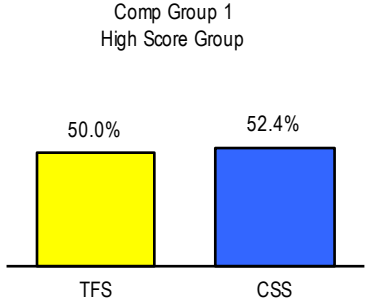


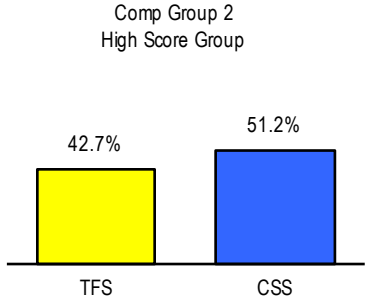


Longitudinal Percentage Report									
Total (n)	11	11	-	168	168	-	1,197	1,197	-
High Construct Score Group	63.6%	27.3%	-36.4%	50.0%	52.4%	2.4%	42.7%	51.2%	8.5%
Average Construct Score Group	27.3%	54.5%	27.3%	33.3%	35.1%	1.8%	41.6%	36.2%	-5.4%
Low Construct Score Group	9.1%	18.2%	9.1%	16.7%	12.5%	-4.2%	15.7%	12.6%	-3.1%
Significance (based on High Score Group)	-		-	-		-	-	**	-

Survey items and estimation "weights":
Indicate the importance to you personally of each of the following:
* Keeping up to date with political affairs (1.48)
* Participating in a community action program (2.41)
* Influencing social values (1.64)
* Becoming a community leader (2.09)
* Helping others who are in difficulty (1.17)
* Helping to promote racial understanding (2.15)







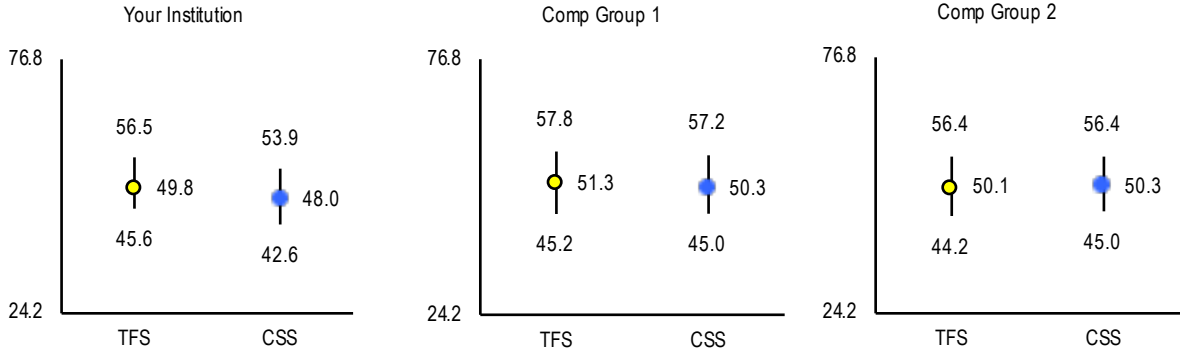
Note: Significance * p<.05, ** p<.01, *** p<.001

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

2015-2018 CIRP Freshman Survey / 2021 College Senior Survey
Pluralistic Orientation
CIRP Longitudinal Construct Report
Women

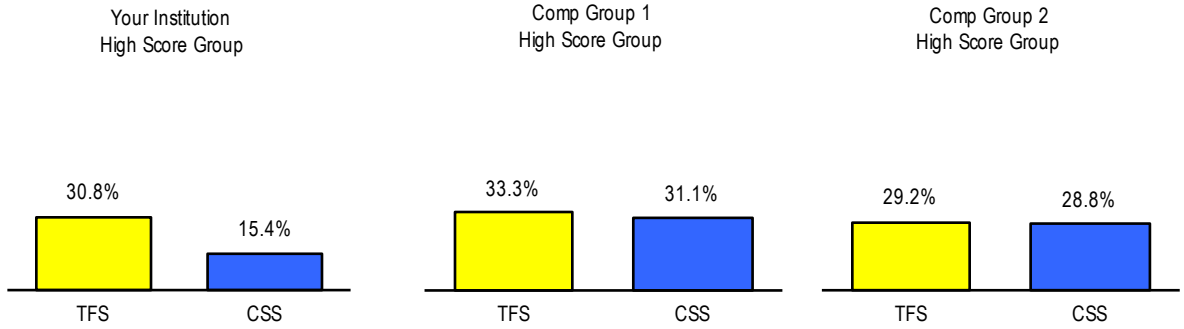
University of California-San Diego	Your Institution			Comp Group 1			Comp Group 2		
	TFS	CSS	Change	TFS	CSS	Change	TFS	CSS	Change
Longitudinal Mean Report									
Total (n)	13	13	-	177	177	-	1,338	1,338	-
Mean	49.8	48.0	-1.9	51.3	50.3	-1.0	50.1	50.3	0.3
Standard deviation	9.80	10.52	-	8.80	9.33	-	8.84	8.52	-
Significance	-		-	-		-	-		-
Effect size	-	-0.18	-	-	-0.10	-	-	0.03	-
25th percentile	45.6	42.6	-3.0	45.2	45.0	-0.2	44.2	45.0	0.8
75th percentile	56.5	53.9	-2.6	57.8	57.2	-0.6	56.4	56.4	0.0

The population mean in the senior year decreased by 1.6



Longitudinal Percentage Report									
Total (n)	13	13	-	177	177	-	1,338	1,338	-
High Construct Score Group	30.8%	15.4%	-15.4%	33.3%	31.1%	-2.3%	29.2%	28.8%	-0.4%
Average Construct Score Group	46.2%	53.8%	7.7%	44.6%	45.2%	0.6%	42.7%	46.9%	4.2%
Low Construct Score Group	23.1%	30.8%	7.7%	22.0%	23.7%	1.7%	28.1%	24.4%	-3.7%
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:
* Ability to see the world from someone else's perspective (1.40)
* Tolerance of others with different beliefs (1.64)
* Openness to having my own views challenged (1.57)
* Ability to discuss and negotiate controversial issues (1.53)
* Ability to work cooperatively with diverse people (1.68)



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