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

2014 Your First College Year Survey

CIRP Longitudinal Construct Reports

Tarleton State University

comparison group 1: Public 4yr Colleges
comparison group 2: Public/Private Universities, Public 4yr Colleges

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
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2014 Your First College Year Survey

CIRP Longitudinal Construct Reports

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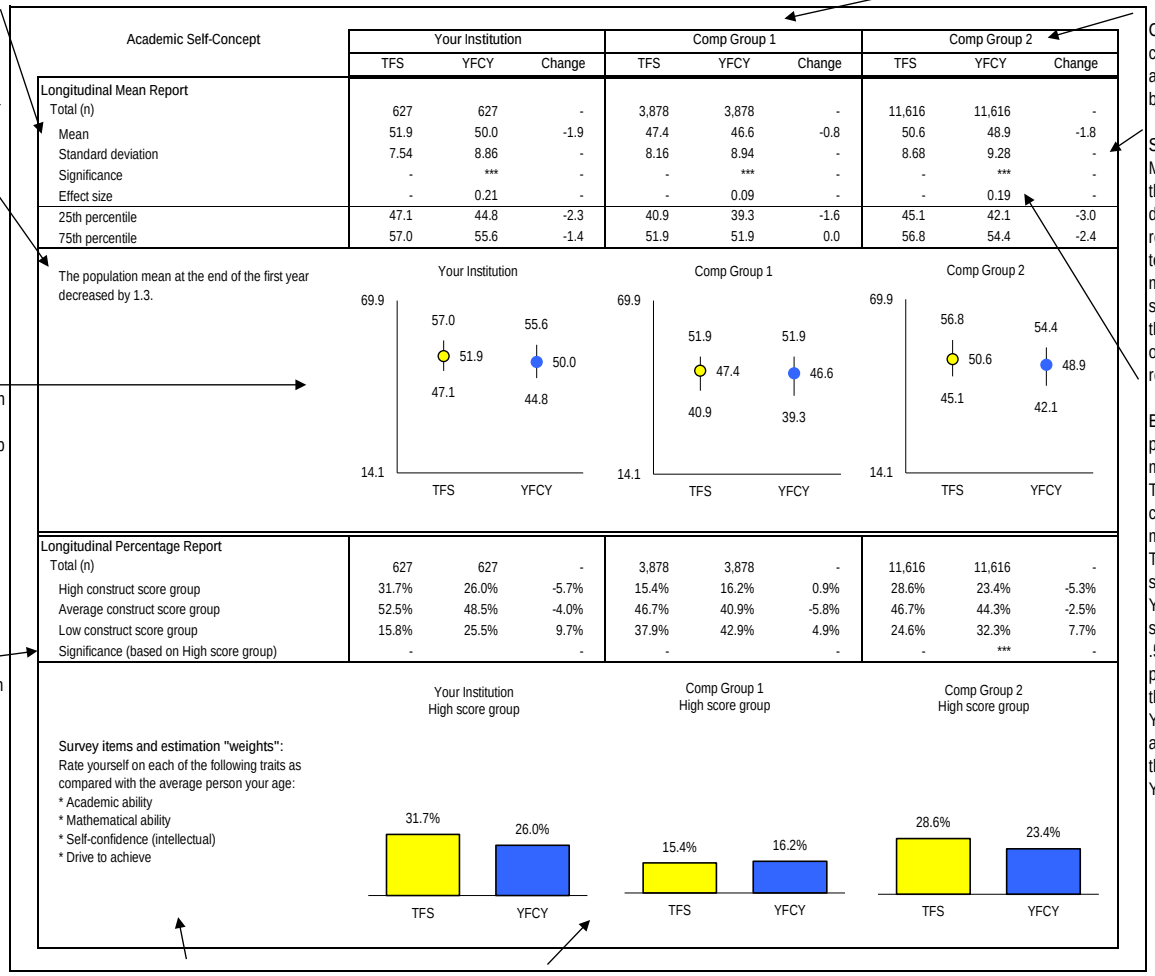
How to Read the CIRP Longitudinal Construct Reports

The scores for the longitudinal CIRP Constructs were derived using Item Response Theory (IRT) methods specifically designed to measure within-person change. This allows institutions to measure change in their student population over time and 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		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	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 at the end of the first year decreased by 1.3.

	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	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)	-		-	-		-	-	***	-

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

Mean – The arithmetic mean is computed for each CIRP Construct. The CIRP Freshman Survey Constructs and the non-longitudinal YFCY Constructs have been scaled to a mean of 50 and a standard deviation of 10. The longitudinal YFCY 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 YFCY. 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.

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).

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

Comp Group 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 YFCY. It is calculated by dividing the mean differences between the TFS and the YFCY by the standard deviation of the YFCY. 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 YFCY is greater than the TFS; a negative sign indicates that the construct score of the YFCY is smaller than the TFS.

Habits of Mind

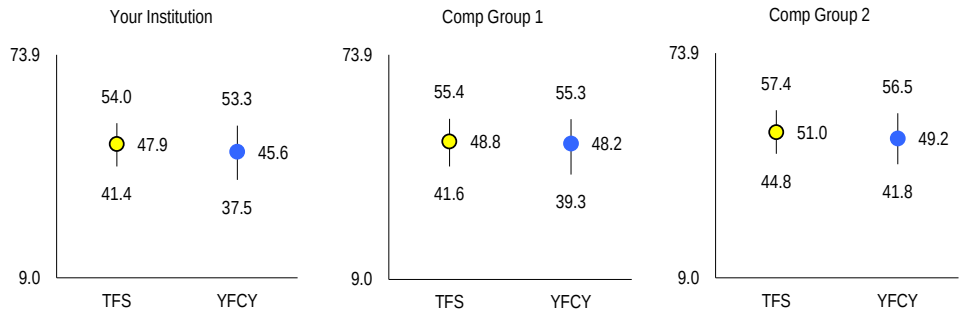
CIRP Longitudinal Construct Report

All Respondents

Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	385	385	-	911	911	-	3,530	3,530	-
Mean	47.9	45.6	-2.3	48.8	48.2	-0.6	51.0	49.2	-1.8
Standard deviation	9.11	11.86	-	9.76	11.52	-	9.16	10.78	-
Significance	-	**	-	-		-	-	***	-
Effect size	-	-0.19	-	-	-0.05	-	-	-0.17	-
25th percentile	41.4	37.5	-3.9	41.6	39.3	-2.3	44.8	41.8	-3.0
75th percentile	54.0	53.3	-0.7	55.4	55.3	-0.1	57.4	56.5	-0.9

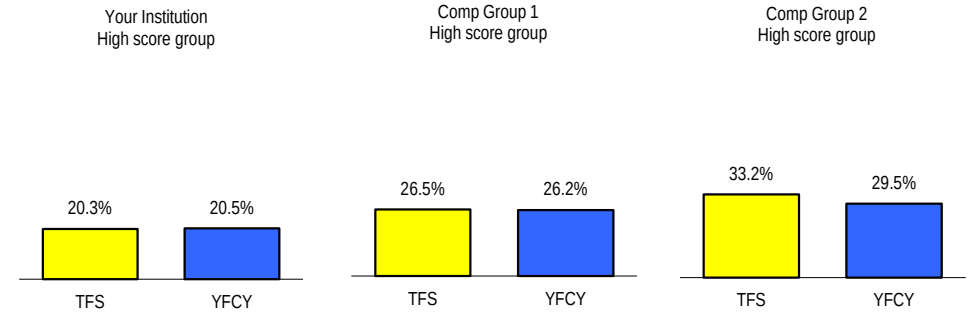
The population mean at the end of the first year decreased by 2.8.

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 (2.28)
* Seek solutions to problems and explain them to others (2.20)
* Seek alternative solutions to a problem (1.81)
* Evaluate the quality or reliability of information you received (1.61)
* Ask questions in class (1.51)
* Take a risk because you felt you had more to gain (1.49)



Longitudinal Percentage Report									
Total (n)	385	385	-	911	911	-	3,530	3,530	-
High construct score group	20.3%	20.5%	0.3%	26.5%	26.2%	-0.2%	33.2%	29.5%	-3.7%
Average construct score group	41.3%	28.8%	-12.5%	38.0%	33.4%	-4.6%	41.0%	35.6%	-5.4%
Low construct score group	38.4%	50.6%	12.2%	35.6%	40.4%	4.8%	25.8%	34.8%	9.0%
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: (continued)
* Seek feedback on your academic work (1.43)
* Explore topics on your own, even though it was not required for a class (1.42)
* Accept mistakes as part of the learning process (1.17)
* Revise your papers to improve your writing (1.12)
* Look up scientific research articles and resources (0.89)



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

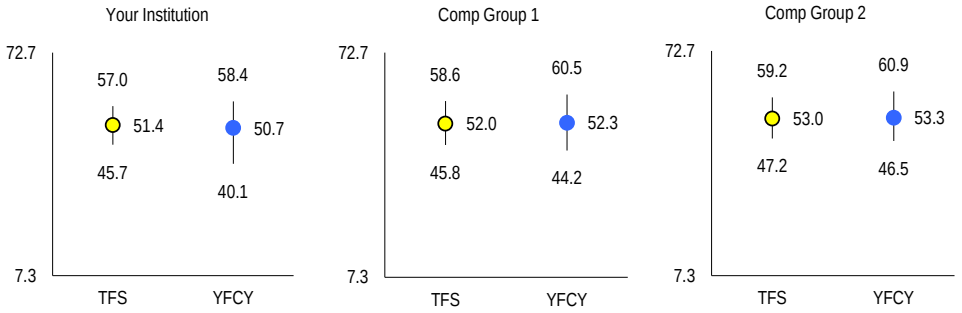
Pluralistic Orientation

CIRP Longitudinal Construct Report

All Respondents

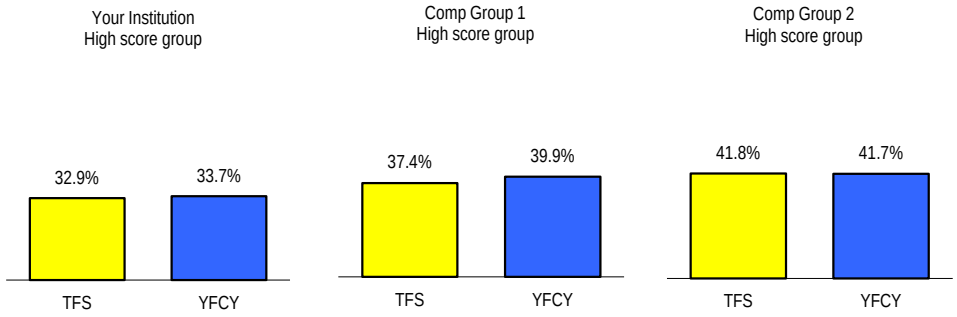
Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	368	368	-	832	832	-	3,208	3,208	-
Mean	51.4	50.7	-0.8	52.0	52.3	0.3	53.0	53.3	0.3
Standard deviation	8.90	11.34	-	9.37	11.11	-	8.86	10.57	-
Significance	-		-	-		-	-		-
Effect size	-	-0.07	-	-	0.03	-	-	0.03	-
25th percentile	45.7	40.1	-5.6	45.8	44.2	-1.6	47.2	46.5	-0.7
75th percentile	57.0	58.4	1.4	58.6	60.5	1.9	59.2	60.9	1.7

The population mean at the end of the first year increased by 0.6.



Longitudinal Percentage Report									
Total (n)	368	368	-	832	832	-	3,208	3,208	-
High construct score group	32.9%	33.7%	0.8%	37.4%	39.9%	2.5%	41.8%	41.7%	-0.1%
Average construct score group	44.6%	34.0%	-10.6%	40.0%	33.9%	-6.1%	40.3%	37.9%	-2.4%
Low construct score group	22.6%	32.3%	9.8%	22.6%	26.2%	3.6%	17.9%	20.4%	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:
* Tolerance of others with different beliefs (3.01)
* Ability to work cooperatively with diverse people (2.74)
* Ability to discuss and negotiate controversial issues (2.57)
* Openness to having my own views challenged (2.44)
* Ability to see the world from someone else's perspective (2.43)



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

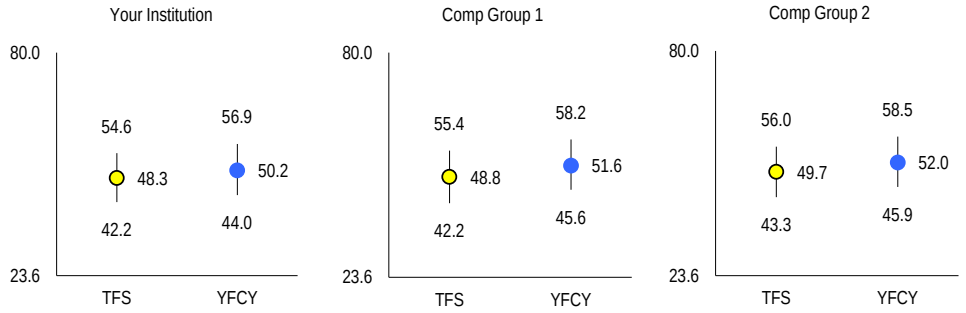
Social Agency

CIRP Longitudinal Construct Report

All Respondents

Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	336	336	-	733	733	-	2,774	2,774	-
Mean	48.3	50.2	2.0	48.8	51.6	2.8	49.7	52.0	2.4
Standard deviation	9.76	9.96	-	9.84	10.23	-	9.58	9.99	-
Significance	-	**	-	-	***	-	-	***	-
Effect size	-	0.20	-	-	0.28	-	-	0.24	-
25th percentile	42.2	44.0	1.8	42.2	45.6	3.4	43.3	45.9	2.6
75th percentile	54.6	56.9	2.3	55.4	58.2	2.8	56.0	58.5	2.5

The population mean at the end of the first year increased by 2.4.

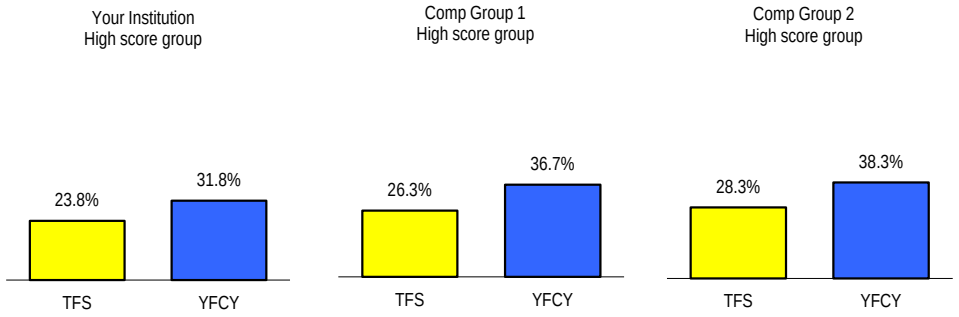


Longitudinal Percentage Report									
Total (n)	336	336	-	733	733	-	2,774	2,774	-
High construct score group	23.8%	31.8%	8.0%	26.3%	36.7%	10.4%	28.3%	38.3%	10.0%
Average construct score group	39.6%	41.7%	2.1%	37.8%	40.1%	2.3%	40.7%	39.6%	-1.0%
Low construct score group	36.6%	26.5%	-10.1%	35.9%	23.2%	-12.7%	31.0%	22.1%	-8.9%
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 (2.86)
* Helping to promote racial understanding (2.77)
* Becoming a community leader (2.65)
* Keeping up to date with political affairs (2.15)
* Influencing social values (1.78)
* Helping others who are in difficulty (1.71)



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

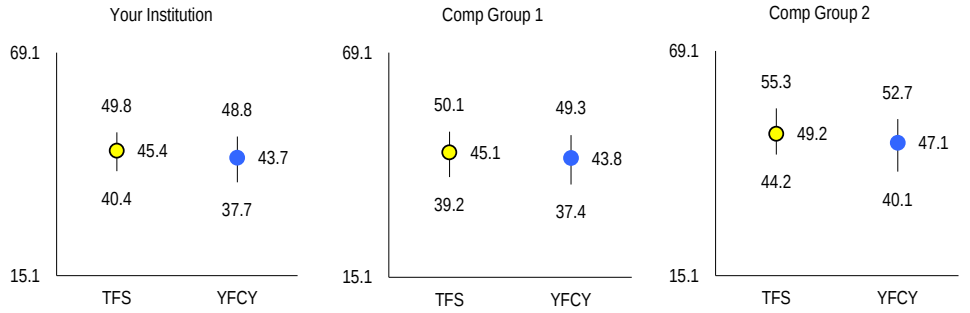
Academic Self-Concept

CIRP Longitudinal Construct Report

All Respondents

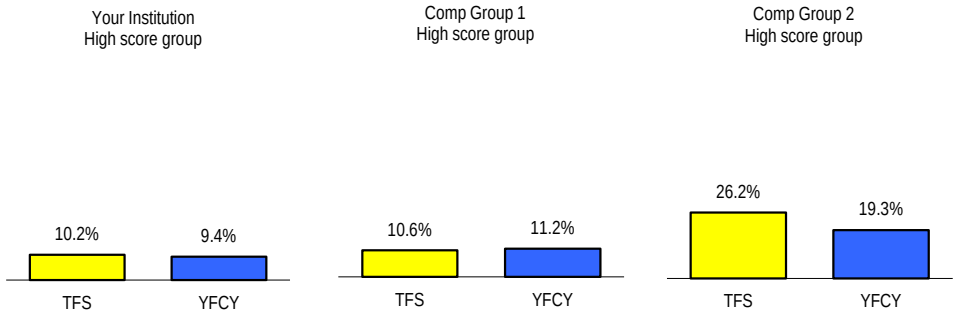
Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	371	371	-	848	848	-	3,250	3,250	-
Mean	45.4	43.7	-1.7	45.1	43.8	-1.3	49.2	47.1	-2.1
Standard deviation	7.28	8.37	-	7.62	9.05	-	7.99	9.15	-
Significance	-	**	-	-	**	-	-	***	-
Effect size	-	-0.20	-	-	-0.14	-	-	-0.23	-
25th percentile	40.4	37.7	-2.7	39.2	37.4	-1.8	44.2	40.1	-4.1
75th percentile	49.8	48.8	-1.0	50.1	49.3	-0.8	55.3	52.7	-2.6

The population mean at the end of the first year decreased by 1.3.



Longitudinal Percentage Report									
Total (n)	371	371	-	848	848	-	3,250	3,250	-
High construct score group	10.2%	9.4%	-0.8%	10.6%	11.2%	0.6%	26.2%	19.3%	-6.9%
Average construct score group	39.4%	31.8%	-7.5%	38.2%	33.5%	-4.7%	43.0%	42.2%	-0.9%
Low construct score group	50.4%	58.8%	8.4%	51.2%	55.3%	4.1%	30.7%	38.5%	7.8%
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 (4.02)
* Mathematical ability (2.69)
* Self-confidence (intellectual) (1.90)
* Drive to achieve (1.72)



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

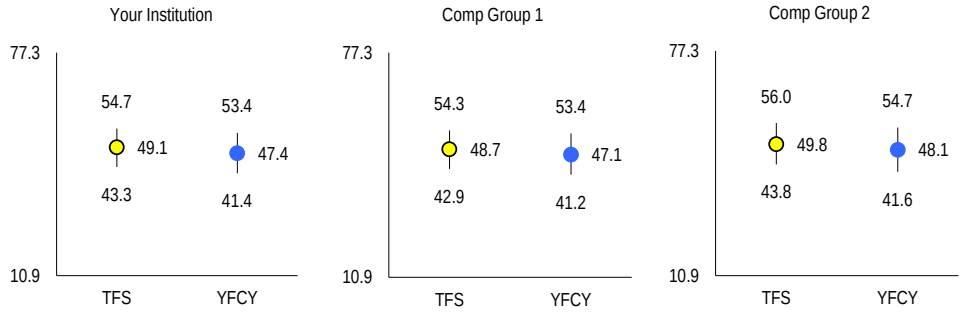
Social Self-Concept

CIRP Longitudinal Construct Report

All Respondents

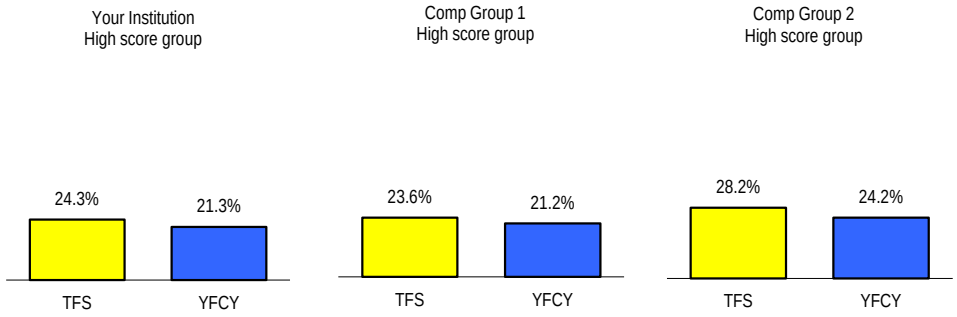
Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	371	371	-	848	848	-	3,250	3,250	-
Mean	49.1	47.4	-1.7	48.7	47.1	-1.5	49.8	48.1	-1.7
Standard deviation	8.45	9.08	-	8.51	9.26	-	9.07	9.88	-
Significance	-	*	-	-	***	-	-	***	-
Effect size	-	-0.18	-	-	-0.17	-	-	-0.17	-
25th percentile	43.3	41.4	-1.9	42.9	41.2	-1.7	43.8	41.6	-2.2
75th percentile	54.7	53.4	-1.3	54.3	53.4	-0.9	56.0	54.7	-1.3

The population mean at the end of the first year increased by 0.4.



Longitudinal Percentage Report									
Total (n)	371	371	-	848	848	-	3,250	3,250	-
High construct score group	24.3%	21.3%	-3.0%	23.6%	21.2%	-2.4%	28.2%	24.2%	-4.0%
Average construct score group	42.0%	35.0%	-7.0%	41.2%	34.1%	-7.1%	41.8%	36.2%	-5.6%
Low construct score group	33.7%	43.7%	10.0%	35.3%	44.7%	9.4%	29.9%	39.5%	9.6%
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) (2.06)
* Leadership ability (1.96)
* Popularity (1.81)
* Public speaking ability (1.76)



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

Habits of Mind

CIRP Longitudinal Construct Report

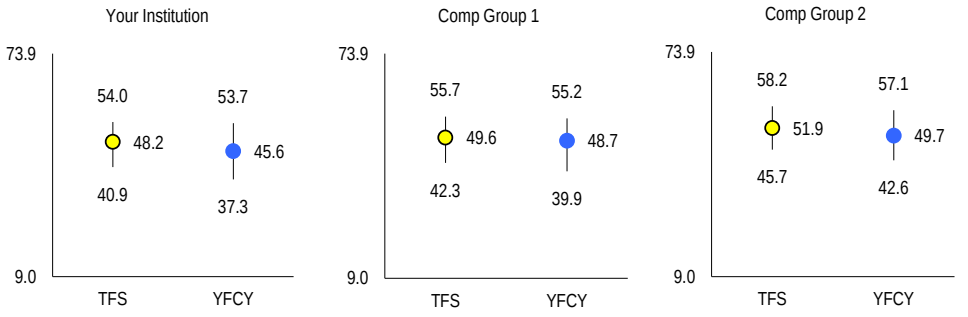
Men

Tarleton State University

	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	116	116	-	244	244	-	1,161	1,161	-
Mean	48.2	45.6	-2.6	49.6	48.7	-0.9	51.9	49.7	-2.2
Standard deviation	9.21	11.64	-	9.72	11.06	-	9.09	10.89	-
Significance	-		-	-		-	-	***	-
Effect size	-	-0.23	-	-	-0.08	-	-	-0.20	-
25th percentile	40.9	37.3	-3.6	42.3	39.9	-2.4	45.7	42.6	-3.1
75th percentile	54.0	53.7	-0.3	55.7	55.2	-0.5	58.2	57.1	-1.1

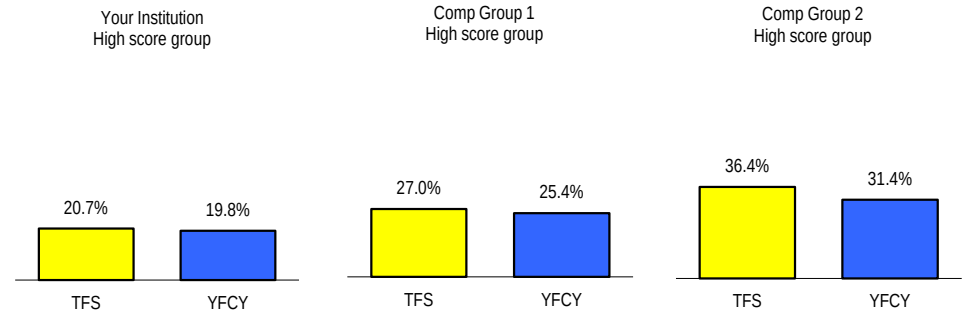
The population mean at the end of the first year decreased by 2.8.

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 (2.28)
* Seek solutions to problems and explain them to others (2.20)
* Seek alternative solutions to a problem (1.81)
* Evaluate the quality or reliability of information you received (1.61)
* Ask questions in class (1.51)
* Take a risk because you felt you had more to gain (1.49)



	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Percentage Report									
Total (n)	116	116	-	244	244	-	1,161	1,161	-
High construct score group	20.7%	19.8%	-0.9%	27.0%	25.4%	-1.6%	36.4%	31.4%	-5.1%
Average construct score group	41.4%	27.6%	-13.8%	40.6%	36.1%	-4.5%	40.9%	34.7%	-6.2%
Low construct score group	37.9%	52.6%	14.7%	32.4%	38.5%	6.1%	22.7%	33.9%	11.3%
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: (continued)
* Seek feedback on your academic work (1.43)
* Explore topics on your own, even though it was not required for a class (1.42)
* Accept mistakes as part of the learning process (1.17)
* Revise your papers to improve your writing (1.12)
* Look up scientific research articles and resources (0.89)



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

Pluralistic Orientation

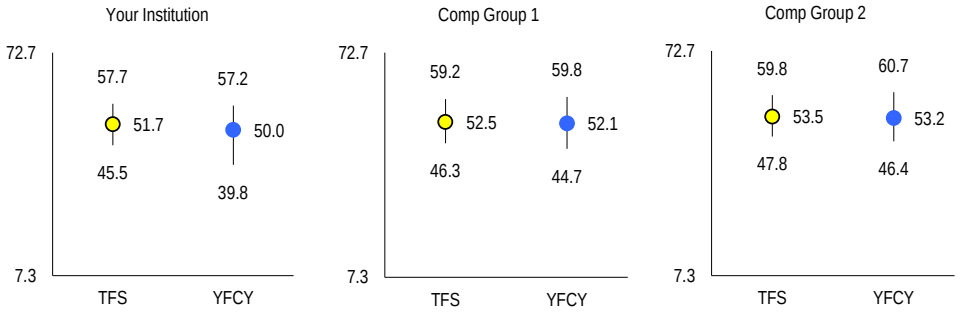
CIRP Longitudinal Construct Report

Men

Tarleton State University

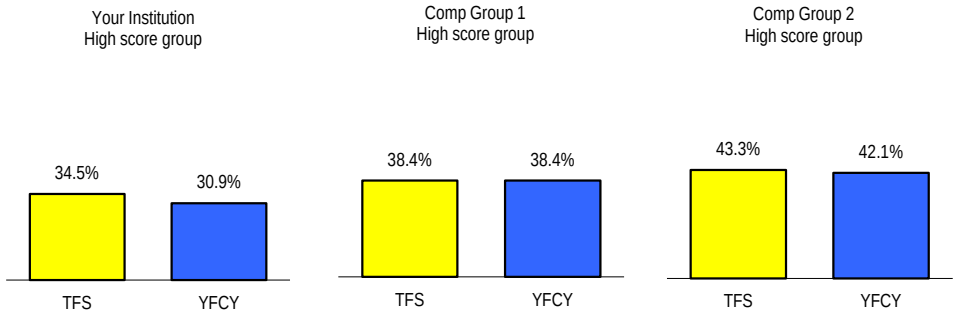
	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Mean Report	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Total (n)	110	110	-	224	224	-	1,061	1,061	-
Mean	51.7	50.0	-1.6	52.5	52.1	-0.4	53.5	53.2	-0.3
Standard deviation	9.41	10.93	-	9.35	10.63	-	8.68	10.52	-
Significance	-		-	-		-	-		-
Effect size	-	-0.15	-	-	-0.03	-	-	-0.03	-
25th percentile	45.5	39.8	-5.7	46.3	44.7	-1.6	47.8	46.4	-1.4
75th percentile	57.7	57.2	-0.5	59.2	59.8	0.6	59.8	60.7	0.9

The population mean at the end of the first year increased by 0.6.



	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	110	110	-	224	224	-	1,061	1,061	-
High construct score group	34.5%	30.9%	-3.6%	38.4%	38.4%	0.0%	43.3%	42.1%	-1.1%
Average construct score group	42.7%	35.5%	-7.3%	43.3%	36.2%	-7.1%	41.1%	36.9%	-4.1%
Low construct score group	22.7%	33.6%	10.9%	18.3%	25.4%	7.1%	15.6%	20.9%	5.3%
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:
* Tolerance of others with different beliefs (3.01)
* Ability to work cooperatively with diverse people (2.74)
* Ability to discuss and negotiate controversial issues (2.57)
* Openness to having my own views challenged (2.44)
* Ability to see the world from someone else's perspective (2.43)



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

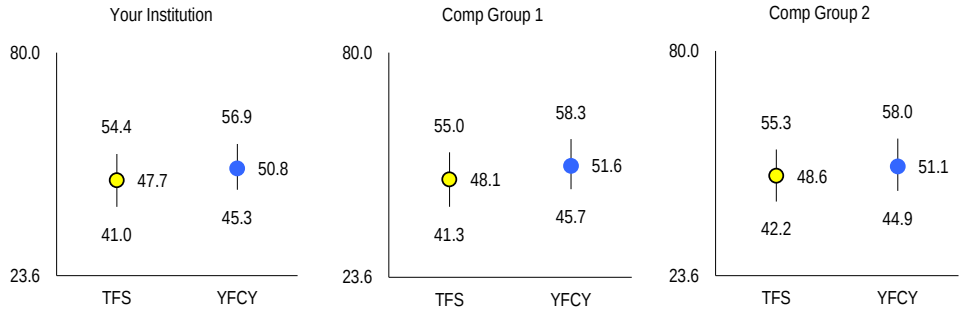
Social Agency

CIRP Longitudinal Construct Report

Men

Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	100	100	-	197	197	-	895	895	-
Mean	47.7	50.8	3.0	48.1	51.6	3.5	48.6	51.1	2.4
Standard deviation	9.91	9.30	-	10.02	9.84	-	9.86	10.23	-
Significance	-	*	-	-	***	-	-	***	-
Effect size	-	0.33	-	-	0.35	-	-	0.24	-
25th percentile	41.0	45.3	4.3	41.3	45.7	4.4	42.2	44.9	2.7
75th percentile	54.4	56.9	2.5	55.0	58.3	3.3	55.3	58.0	2.7

The population mean at the end of the first year increased by 2.4.

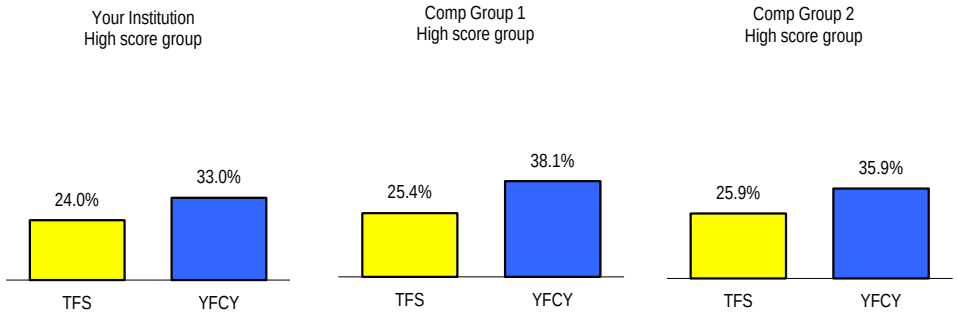


Longitudinal Percentage Report									
Total (n)	100	100	-	197	197	-	895	895	-
High construct score group	24.0%	33.0%	9.0%	25.4%	38.1%	12.7%	25.9%	35.9%	9.9%
Average construct score group	38.0%	43.0%	5.0%	37.1%	39.6%	2.5%	40.1%	39.1%	-1.0%
Low construct score group	38.0%	24.0%	-14.0%	37.6%	22.3%	-15.2%	34.0%	25.0%	-8.9%
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 (2.86)
* Helping to promote racial understanding (2.77)
* Becoming a community leader (2.65)
* Keeping up to date with political affairs (2.15)
* Influencing social values (1.78)
* Helping others who are in difficulty (1.71)



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

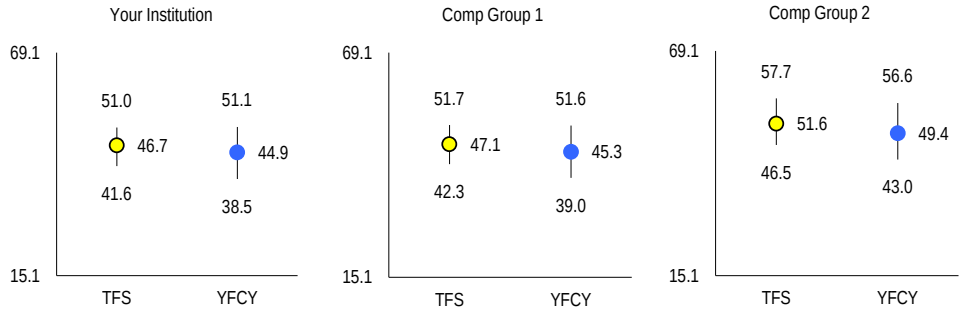
Academic Self-Concept

CIRP Longitudinal Construct Report

Men

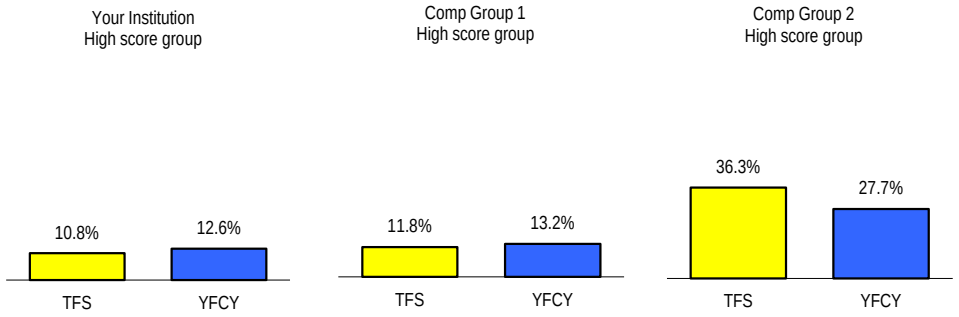
Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	111	111	-	228	228	-	1,073	1,073	-
Mean	46.7	44.9	-1.7	47.1	45.3	-1.8	51.6	49.4	-2.3
Standard deviation	7.93	8.64	-	7.43	8.96	-	7.88	9.35	-
Significance	-		-	-	*	-	-	***	-
Effect size	-	-0.20	-	-	-0.20	-	-	-0.24	-
25th percentile	41.6	38.5	-3.1	42.3	39.0	-3.3	46.5	43.0	-3.5
75th percentile	51.0	51.1	0.1	51.7	51.6	-0.1	57.7	56.6	-1.1

The population mean at the end of the first year decreased by 1.3.



	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Percentage Report									
Total (n)	111	111	-	228	228	-	1,073	1,073	-
High construct score group	10.8%	12.6%	1.8%	11.8%	13.2%	1.3%	36.3%	27.7%	-8.6%
Average construct score group	48.6%	36.0%	-12.6%	49.1%	40.4%	-8.8%	43.4%	42.5%	-0.9%
Low construct score group	40.5%	51.4%	10.8%	39.0%	46.5%	7.5%	20.3%	29.8%	9.5%
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:
* Academic ability (4.02)
* Mathematical ability (2.69)
* Self-confidence (intellectual) (1.90)
* Drive to achieve (1.72)



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

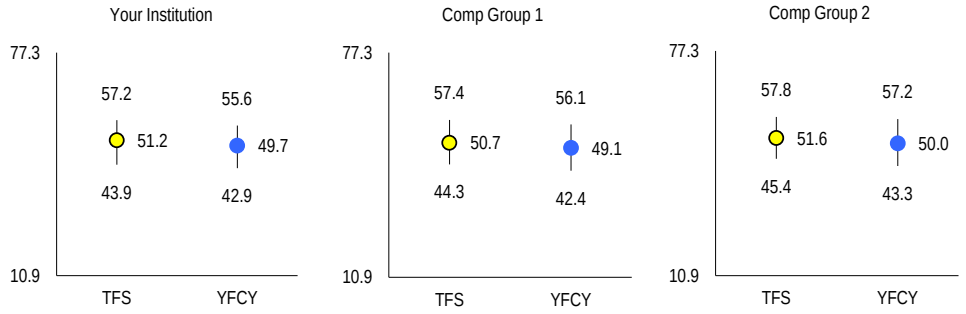
Social Self-Concept

CIRP Longitudinal Construct Report

Men

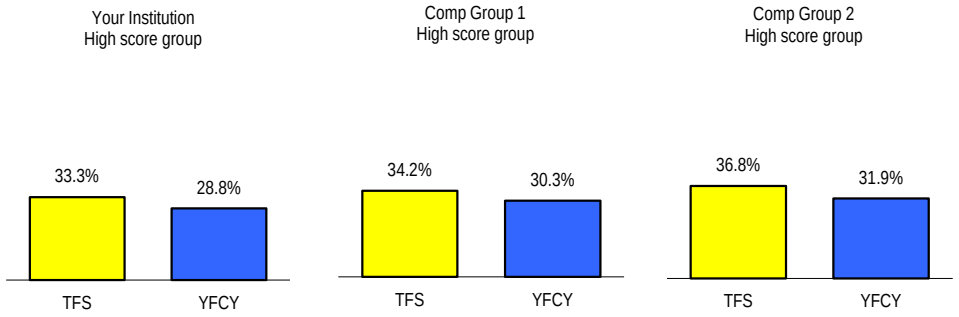
Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	111	111	-	228	228	-	1,073	1,073	-
Mean	51.2	49.7	-1.5	50.7	49.1	-1.5	51.6	50.0	-1.6
Standard deviation	8.16	9.02	-	8.73	9.60	-	9.35	10.22	-
Significance	-		-	-		-	-	***	-
Effect size	-	-0.17	-	-	-0.16	-	-	-0.15	-
25th percentile	43.9	42.9	-1.0	44.3	42.4	-1.9	45.4	43.3	-2.1
75th percentile	57.2	55.6	-1.6	57.4	56.1	-1.3	57.8	57.2	-0.6

The population mean at the end of the first year increased by 0.4.



Longitudinal Percentage Report									
Total (n)	111	111	-	228	228	-	1,073	1,073	-
High construct score group	33.3%	28.8%	-4.5%	34.2%	30.3%	-3.9%	36.8%	31.9%	-4.9%
Average construct score group	40.5%	37.8%	-2.7%	37.3%	32.0%	-5.3%	40.4%	35.9%	-4.5%
Low construct score group	26.1%	33.3%	7.2%	28.5%	37.7%	9.2%	22.8%	32.2%	9.4%
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:
* Self-confidence (social) (2.06)
* Leadership ability (1.96)
* Popularity (1.81)
* Public speaking ability (1.76)



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

Habits of Mind

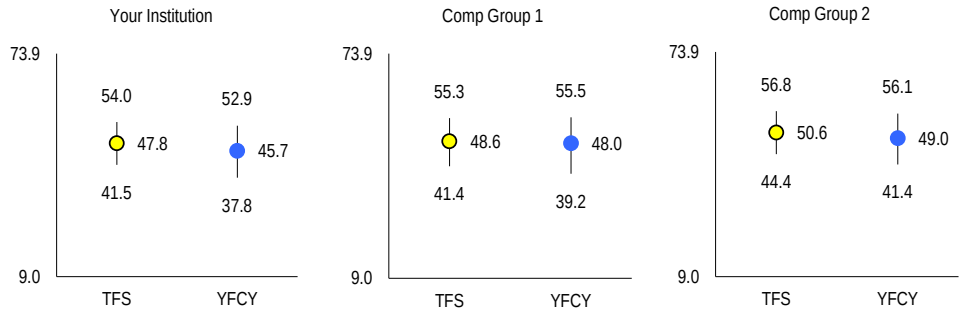
CIRP Longitudinal Construct Report

Women

Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	269	269	-	667	667	-	2,369	2,369	-
Mean	47.8	45.7	-2.1	48.6	48.0	-0.5	50.6	49.0	-1.6
Standard deviation	9.07	11.98	-	9.77	11.69	-	9.17	10.72	-
Significance	-	*	-	-		-	-	***	-
Effect size	-	-0.18	-	-	-0.05	-	-	-0.15	-
25th percentile	41.5	37.8	-3.7	41.4	39.2	-2.2	44.4	41.4	-3.0
75th percentile	54.0	52.9	-1.1	55.3	55.5	0.2	56.8	56.1	-0.7

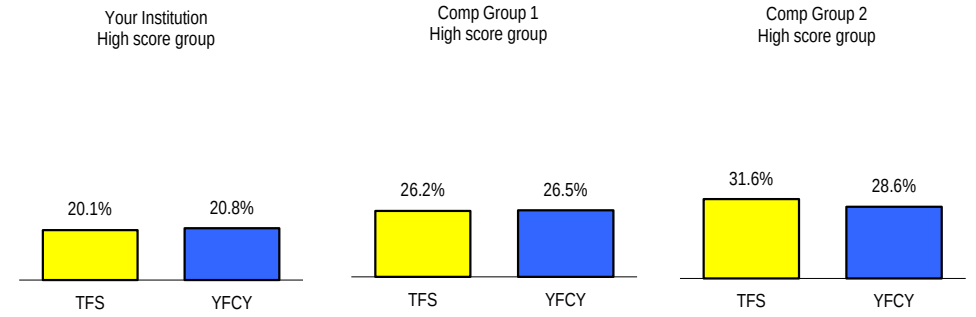
The population mean at the end of the first year decreased by 2.8.

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 (2.28)
* Seek solutions to problems and explain them to others (2.20)
* Seek alternative solutions to a problem (1.81)
* Evaluate the quality or reliability of information you received (1.61)
* Ask questions in class (1.51)
* Take a risk because you felt you had more to gain (1.49)



Longitudinal Percentage Report									
Total (n)	269	269	-	667	667	-	2,369	2,369	-
High construct score group	20.1%	20.8%	0.7%	26.2%	26.5%	0.3%	31.6%	28.6%	-3.0%
Average construct score group	41.3%	29.4%	-11.9%	37.0%	32.4%	-4.6%	41.1%	36.1%	-5.0%
Low construct score group	38.7%	49.8%	11.2%	36.7%	41.1%	4.3%	27.4%	35.3%	7.9%
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: (continued)
* Seek feedback on your academic work (1.43)
* Explore topics on your own, even though it was not required for a class (1.42)
* Accept mistakes as part of the learning process (1.17)
* Revise your papers to improve your writing (1.12)
* Look up scientific research articles and resources (0.89)



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

Pluralistic Orientation

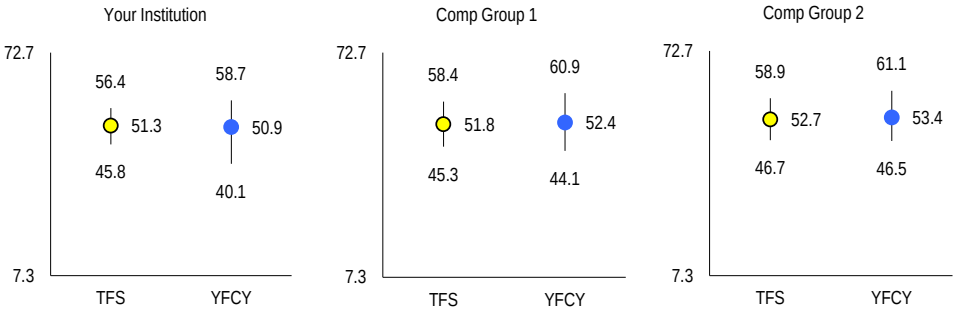
CIRP Longitudinal Construct Report

Women

Tarleton State University

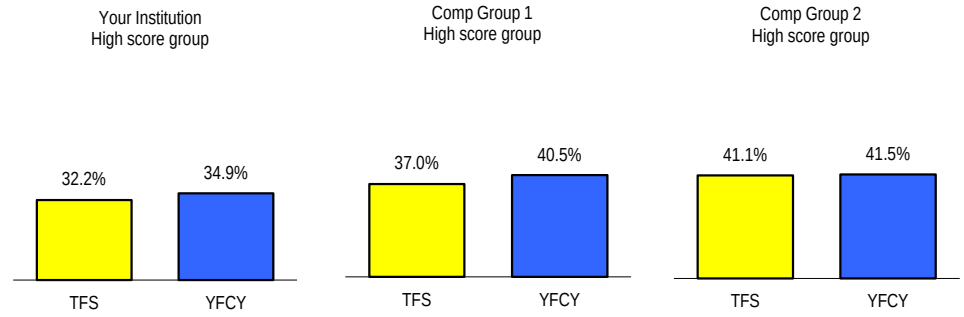
	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Mean Report	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Total (n)	258	258	-	608	608	-	2,147	2,147	-
Mean	51.3	50.9	-0.4	51.8	52.4	0.6	52.7	53.4	0.6
Standard deviation	8.68	11.52	-	9.38	11.29	-	8.94	10.60	-
Significance	-		-	-		-	-	*	-
Effect size	-	-0.03	-	-	0.05	-	-	0.06	-
25th percentile	45.8	40.1	-5.7	45.3	44.1	-1.2	46.7	46.5	-0.2
75th percentile	56.4	58.7	2.3	58.4	60.9	2.5	58.9	61.1	2.2

The population mean at the end of the first year increased by 0.6.



	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	258	258	-	608	608	-	2,147	2,147	-
High construct score group	32.2%	34.9%	2.7%	37.0%	40.5%	3.5%	41.1%	41.5%	0.4%
Average construct score group	45.3%	33.3%	-12.0%	38.8%	33.1%	-5.8%	39.9%	38.3%	-1.6%
Low construct score group	22.5%	31.8%	9.3%	24.2%	26.5%	2.3%	19.0%	20.2%	1.2%
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:
* Tolerance of others with different beliefs (3.01)
* Ability to work cooperatively with diverse people (2.74)
* Ability to discuss and negotiate controversial issues (2.57)
* Openness to having my own views challenged (2.44)
* Ability to see the world from someone else's perspective (2.43)



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

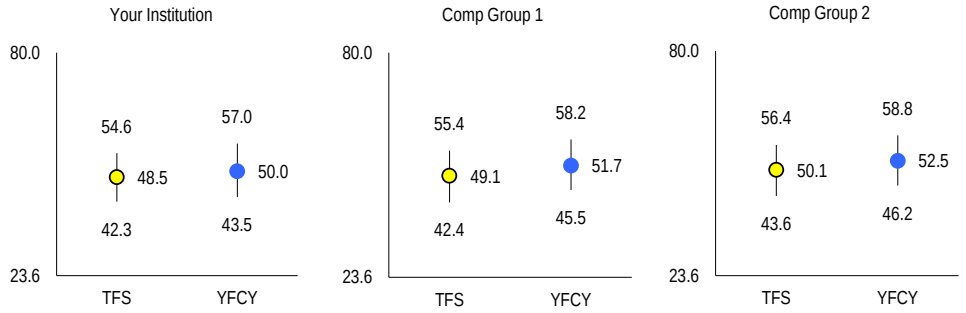
Social Agency

CIRP Longitudinal Construct Report

Women

Tarleton State University	Your Institution			Comp Group 1			Comp Group 2		
	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Longitudinal Mean Report									
Total (n)	236	236	-	536	536	-	1,879	1,879	-
Mean	48.5	50.0	1.5	49.1	51.7	2.6	50.1	52.5	2.3
Standard deviation	9.71	10.24	-	9.77	10.37	-	9.41	9.85	-
Significance	-		-	-	***	-	-	***	-
Effect size	-	0.15	-	-	0.25	-	-	0.24	-
25th percentile	42.3	43.5	1.2	42.4	45.5	3.1	43.6	46.2	2.6
75th percentile	54.6	57.0	2.4	55.4	58.2	2.8	56.4	58.8	2.4

The population mean at the end of the first year increased by 2.4.

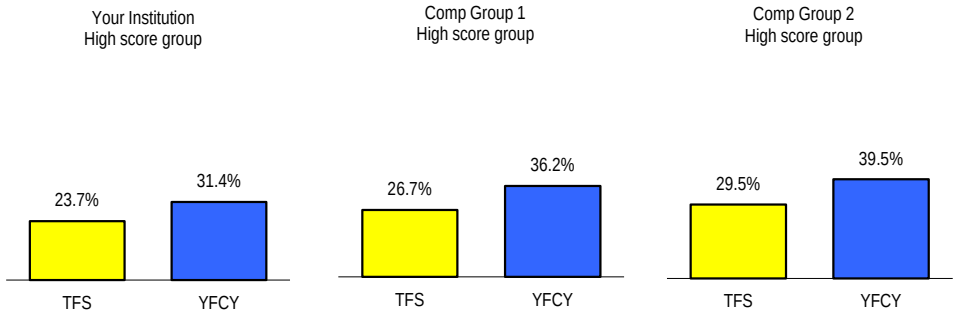


Longitudinal Percentage Report									
Total (n)	236	236	-	536	536	-	1,879	1,879	-
High construct score group	23.7%	31.4%	7.6%	26.7%	36.2%	9.5%	29.5%	39.5%	10.0%
Average construct score group	40.3%	41.1%	0.8%	38.1%	40.3%	2.2%	40.9%	39.9%	-1.1%
Low construct score group	36.0%	27.5%	-8.5%	35.3%	23.5%	-11.8%	29.6%	20.6%	-8.9%
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 (2.86)
* Helping to promote racial understanding (2.77)
* Becoming a community leader (2.65)
* Keeping up to date with political affairs (2.15)
* Influencing social values (1.78)
* Helping others who are in difficulty (1.71)



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

Academic Self-Concept

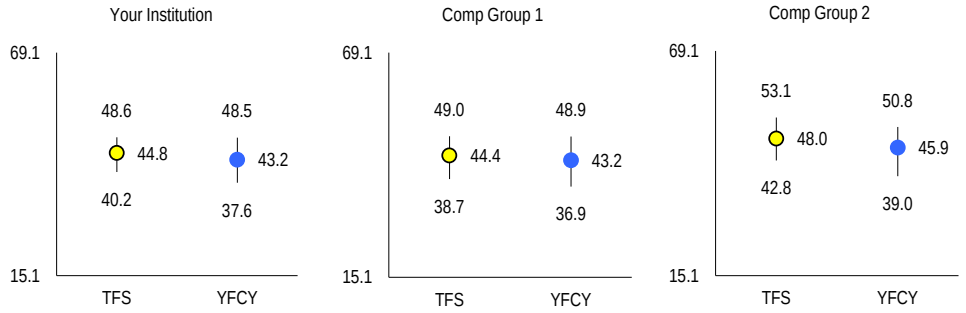
CIRP Longitudinal Construct Report

Women

Tarleton State University

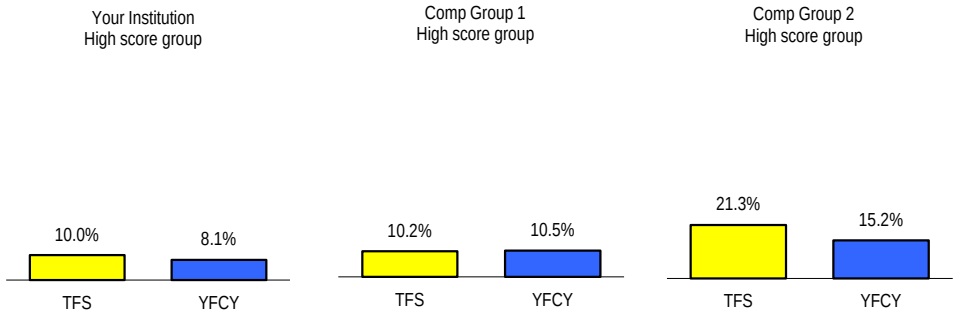
	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Mean Report	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Total (n)	260	260	-	620	620	-	2,177	2,177	-
Mean	44.8	43.2	-1.6	44.4	43.2	-1.1	48.0	45.9	-2.1
Standard deviation	6.92	8.21	-	7.57	9.03	-	7.78	8.83	-
Significance	-	*	-	-	*	-	-	***	-
Effect size	-	-0.20	-	-	-0.13	-	-	-0.24	-
25th percentile	40.2	37.6	-2.6	38.7	36.9	-1.8	42.8	39.0	-3.8
75th percentile	48.6	48.5	-0.1	49.0	48.9	-0.1	53.1	50.8	-2.3

The population mean at the end of the first year decreased by 1.3.



	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	260	260	-	620	620	-	2,177	2,177	-
High construct score group	10.0%	8.1%	-1.9%	10.2%	10.5%	0.3%	21.3%	15.2%	-6.1%
Average construct score group	35.4%	30.0%	-5.4%	34.2%	31.0%	-3.2%	42.9%	42.0%	-0.9%
Low construct score group	54.6%	61.9%	7.3%	55.6%	58.5%	2.9%	35.9%	42.8%	6.9%
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 (4.02)
* Mathematical ability (2.69)
* Self-confidence (intellectual) (1.90)
* Drive to achieve (1.72)



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

Social Self-Concept

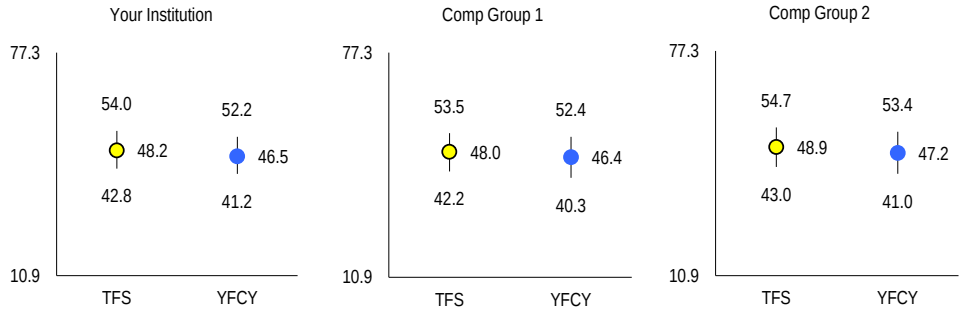
CIRP Longitudinal Construct Report

Women

Tarleton State University

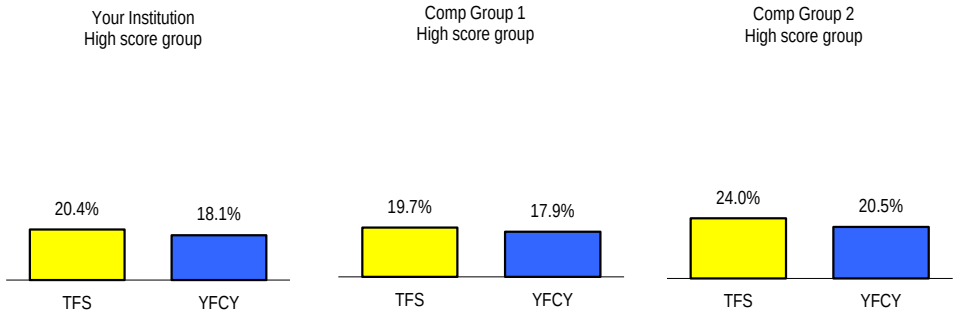
	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Mean Report	TFS	YFCY	Change	TFS	YFCY	Change	TFS	YFCY	Change
Total (n)	260	260	-	620	620	-	2,177	2,177	-
Mean	48.2	46.5	-1.7	48.0	46.4	-1.6	48.9	47.2	-1.7
Standard deviation	8.44	8.95	-	8.32	9.02	-	8.79	9.58	-
Significance	-	*	-	-	**	-	-	***	-
Effect size	-	-0.19	-	-	-0.17	-	-	-0.18	-
25th percentile	42.8	41.2	-1.6	42.2	40.3	-1.9	43.0	41.0	-2.0
75th percentile	54.0	52.2	-1.8	53.5	52.4	-1.1	54.7	53.4	-1.3

The population mean at the end of the first year increased by 0.4.



	Your Institution			Comp Group 1			Comp Group 2		
Longitudinal Percentage Report									
Total (n)	260	260	-	620	620	-	2,177	2,177	-
High construct score group	20.4%	18.1%	-2.3%	19.7%	17.9%	-1.8%	24.0%	20.5%	-3.5%
Average construct score group	42.7%	33.8%	-8.8%	42.6%	34.8%	-7.7%	42.5%	36.4%	-6.2%
Low construct score group	36.9%	48.1%	11.2%	37.7%	47.3%	9.5%	33.4%	43.1%	9.7%
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:
* Self-confidence (social) (2.06)
* Leadership ability (1.96)
* Popularity (1.81)
* Public speaking ability (1.76)



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