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

# 2013 College Senior Survey

## CIRP Longitudinal Construct Reports

Graduating Seniors

# Wabash College

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

**2013 College Senior Survey**
**CIRP Longitudinal Construct Reports**

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**Table of Contents**

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**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.
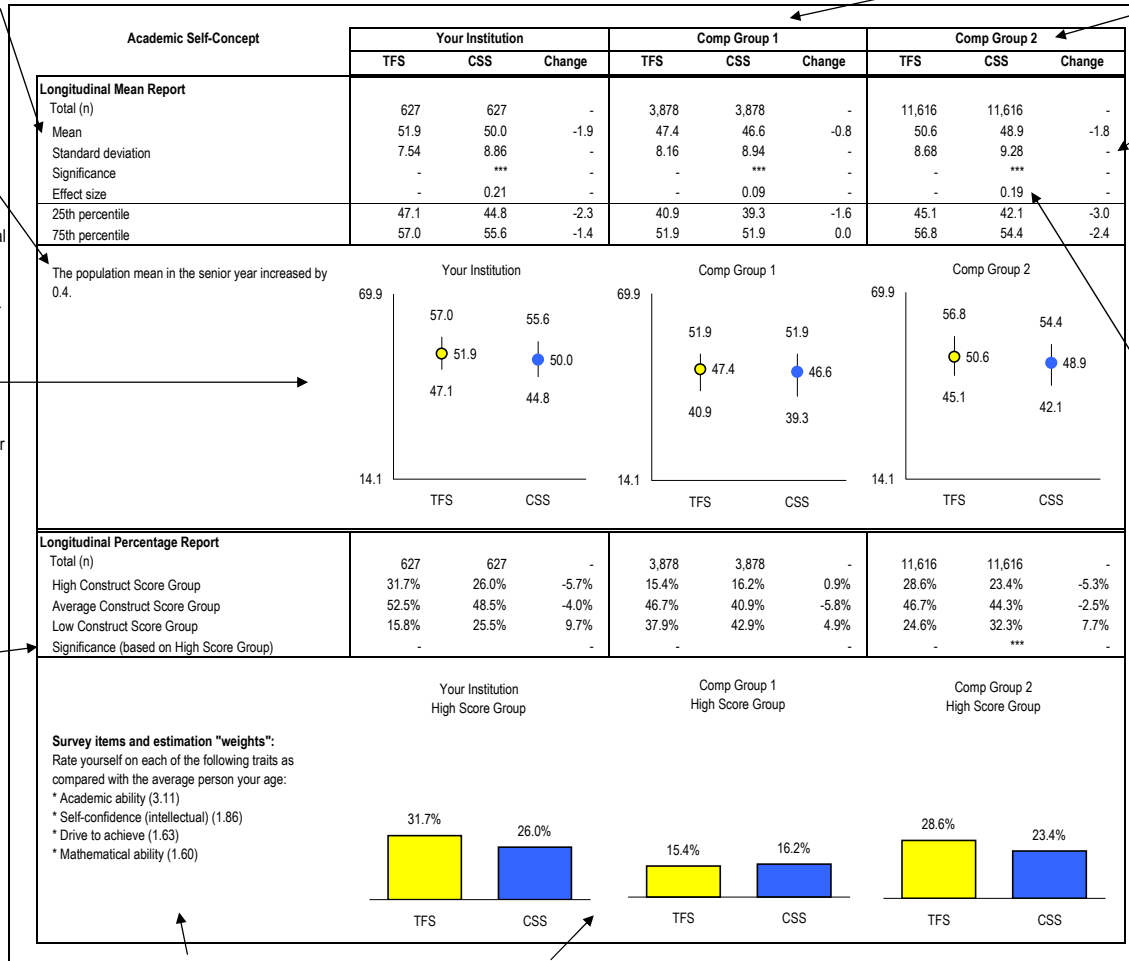
The scores for the longitudinal CIRP Constructs were derived using IRT methods specifically designed to measure within-person change, allowing institutions to measure change among their student population over time as well as to compare the change in their student population to that of their comparison 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.

| 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 |

**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.

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

**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.

| 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) | - | - | | - | - | | - | *** | |

**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.

Your Institution
High Score Group

Comp Group 1
High Score Group

Comp Group 2
High Score Group

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

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

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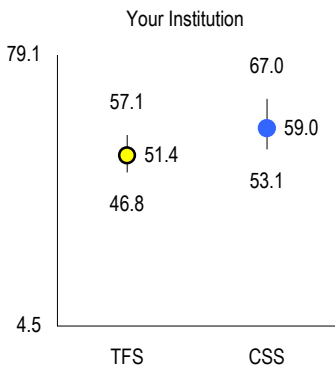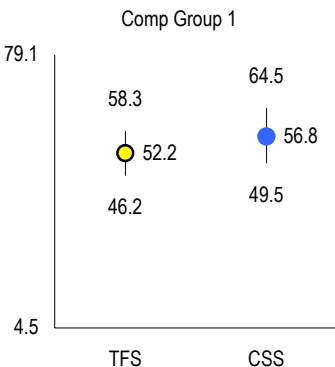
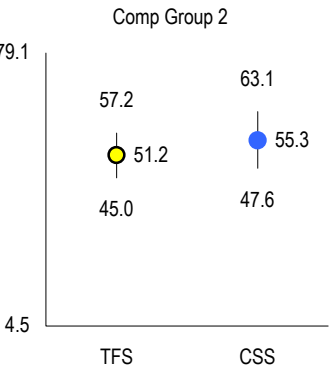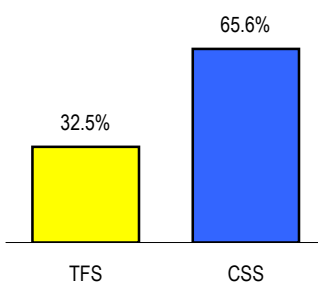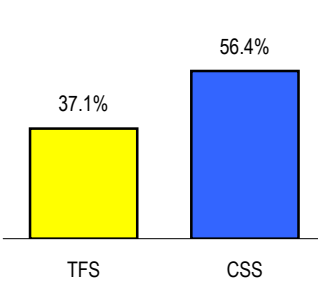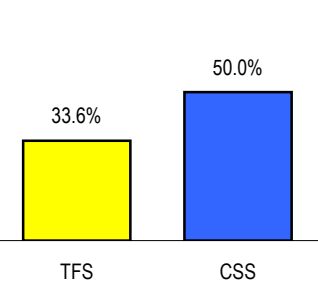**Percentage Charts** – Provide a visual display of the construct "High Score Group" percentages for your institution and two comparison groups. "High" represents students who scored one-half standard deviation or more above mean (higher than 55).

H1

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| Wabash College | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Mean Report** | | | | | | | | | |
| Total (n) | 154 | 154 | - | 3,857 | 3,857 | - | 11,779 | 11,779 | - |
| Mean | 51.4 | 59.0 | 7.6 | 52.2 | 56.8 | 4.6 | 51.2 | 55.3 | 4.1 |
| Standard deviation | 8.62 | 10.24 | - | 8.83 | 10.96 | - | 8.89 | 11.33 | - |
| Significance | - | *** | - | - | *** | - | - | *** | - |
| Effect size | - | 0.74 | - | - | 0.42 | - | - | 0.36 | - |
| 25th percentile | 46.8 | 53.1 | 6.3 | 46.2 | 49.5 | 3.3 | 45.0 | 47.6 | 2.6 |
| 75th percentile | 57.1 | 67.0 | 9.9 | 58.3 | 64.5 | 6.2 | 57.2 | 63.1 | 5.9 |

The population mean in the senior year increased by 1.7.

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



Your Institution — TFS 51.4 (57.1 / 46.8), CSS 59.0 (67.0 / 53.1); range 79.1 to 4.5

Comp Group 1 — TFS 52.2 (58.3 / 46.2), CSS 56.8 (64.5 / 49.5); range 79.1 to 4.5

Comp Group 2 — TFS 51.2 (57.2 / 45.0), CSS 55.3 (63.1 / 47.6); range 79.1 to 4.5

| | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Percentage Report** | | | | | | | | | |
| Total (n) | 154 | 154 | - | 3,857 | 3,857 | - | 11,779 | 11,779 | - |
| High Construct Score Group | 32.5% | 65.6% | 33.1% | 37.1% | 56.4% | 19.3% | 33.6% | 50.0% | 16.4% |
| Average Construct Score Group | 44.2% | 26.0% | -18.2% | 41.6% | 29.4% | -12.2% | 41.5% | 31.5% | -10.0% |
| Low Construct Score Group | 23.4% | 8.4% | -14.9% | 21.3% | 14.2% | -7.1% | 24.9% | 18.5% | -6.4% |
| 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 32.5%, CSS 65.6%

Comp Group 1 High Score Group — TFS 37.1%, CSS 56.4%
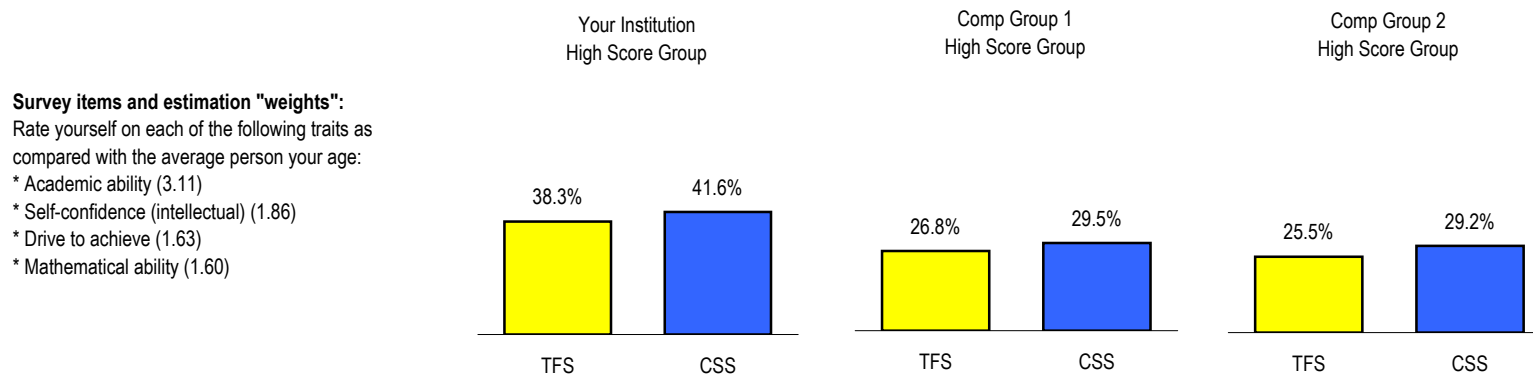
Comp Group 2 High Score Group — TFS 33.6%, CSS 50.0%

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

1A

# Academic Self-Concept
## CIRP Longitudinal Construct Report
### All Respondents

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| Wabash College | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Mean Report** | | | | | | | | | |
| Total (n) | 154 | 154 | - | 3,606 | 3,606 | - | 11,046 | 11,046 | - |
| Mean | 53.1 | 53.1 | 0.1 | 50.3 | 50.6 | 0.3 | 50.0 | 50.4 | 0.4 |
| Standard deviation | 8.57 | 10.01 | - | 8.50 | 9.26 | - | 8.46 | 9.25 | - |
| Significance | - | | - | - | | - | - | *** | - |
| Effect size | - | 0.01 | - | - | 0.04 | - | - | 0.05 | - |
| 25th percentile | 47.9 | 48.0 | 0.1 | 44.8 | 44.8 | 0.0 | 44.5 | 44.3 | -0.2 |
| 75th percentile | 59.2 | 61.2 | 2.0 | 55.7 | 56.7 | 1.0 | 55.2 | 56.6 | 1.4 |

The population mean in the senior year increased by 0.4.



Your Institution — TFS 53.1 (47.9 / 59.2), CSS 53.1 (48.0 / 61.2); scale 12.0–72.2

Comp Group 1 — TFS 50.3 (44.8 / 55.7), CSS 50.6 (44.8 / 56.7); scale 12.0–72.2

Comp Group 2 — TFS 50.0 (44.5 / 55.2), CSS 50.4 (44.3 / 56.6); scale 12.0–72.2
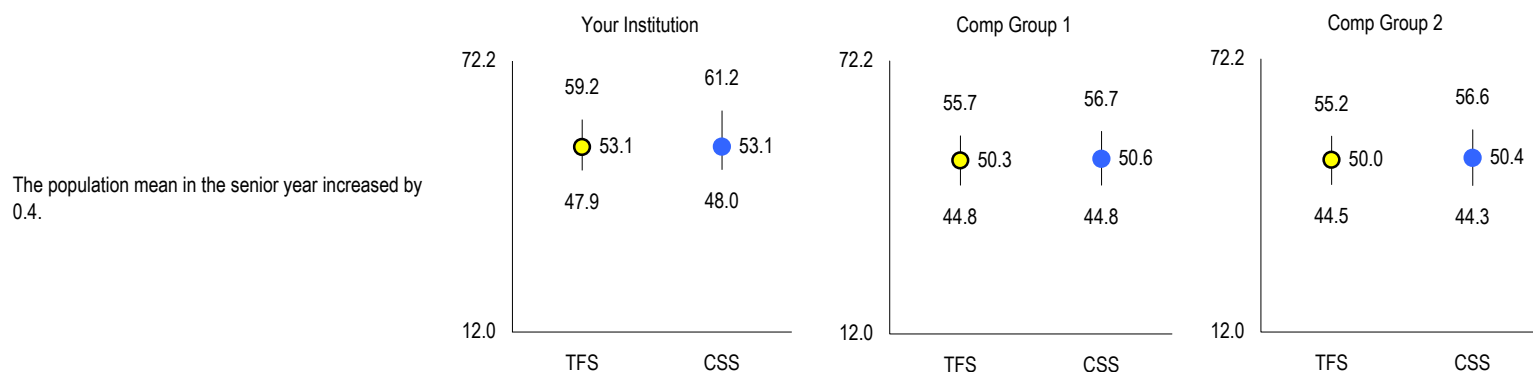
| | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| **Longitudinal Percentage Report** | | | | | | | | | |
| Total (n) | 154 | 154 | - | 3,606 | 3,606 | - | 11,046 | 11,046 | - |
| High Construct Score Group | 38.3% | 41.6% | 3.2% | 26.8% | 29.5% | 2.7% | 25.5% | 29.2% | 3.6% |
| Average Construct Score Group | 48.7% | 39.0% | -9.7% | 47.4% | 45.1% | -2.3% | 47.8% | 44.0% | -3.8% |
| Low Construct Score Group | 13.0% | 19.5% | 6.5% | 25.8% | 25.4% | -0.4% | 26.7% | 26.8% | 0.1% |
| Significance (based on High Score Group) | - | | - | - | | - | - | ** | - |

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



Your Institution High Score Group — TFS 38.3%, CSS 41.6%

Comp Group 1 High Score Group — TFS 26.8%, CSS 29.5%

Comp Group 2 High Score Group — TFS 25.5%, CSS 29.2%

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

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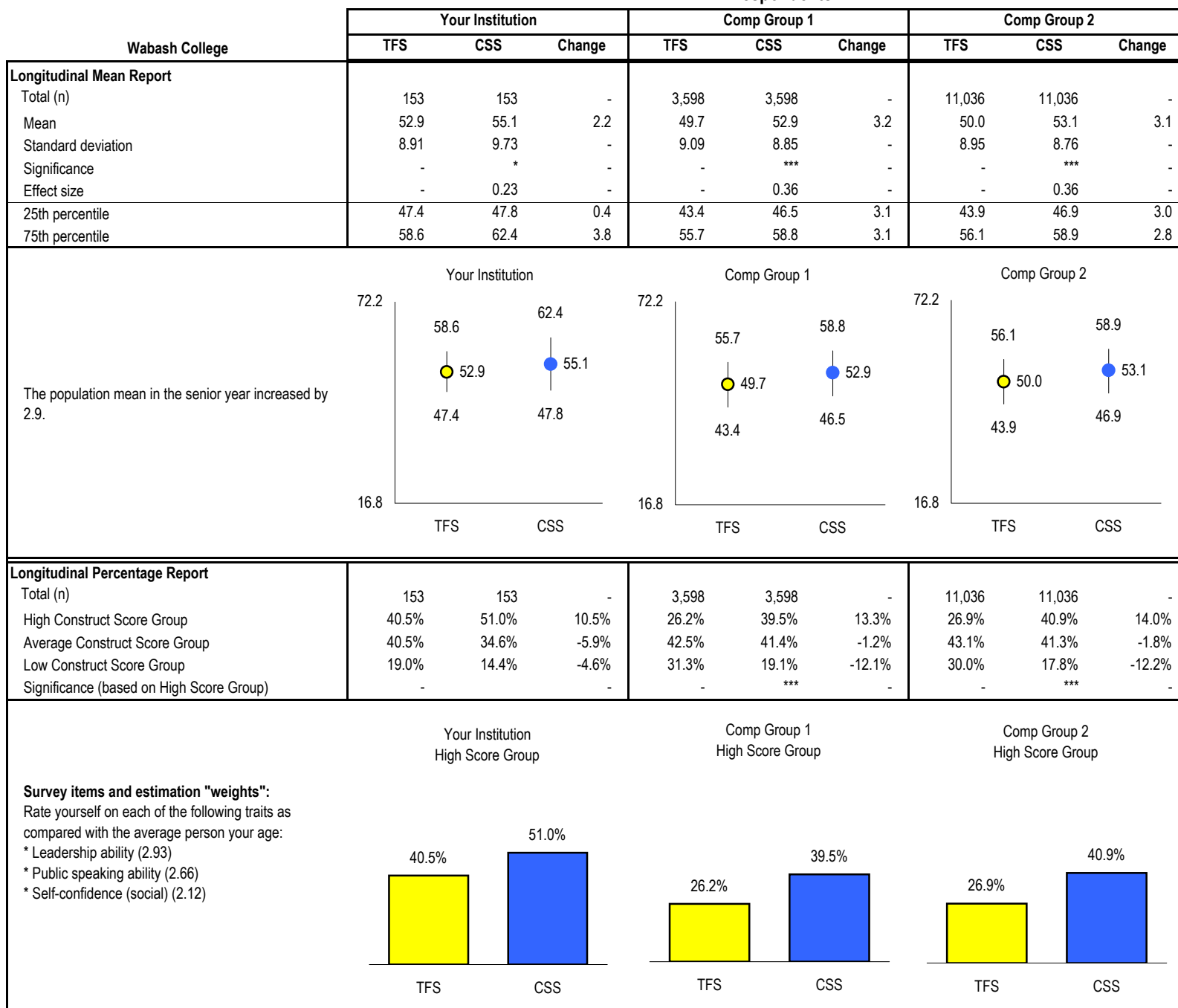
# Social Self-Concept
## CIRP Longitudinal Construct Report
### All Respondents

| Wabash College | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Mean Report** | | | | | | | | | |
| Total (n) | 153 | 153 | - | 3,598 | 3,598 | - | 11,036 | 11,036 | - |
| Mean | 52.9 | 55.1 | 2.2 | 49.7 | 52.9 | 3.2 | 50.0 | 53.1 | 3.1 |
| Standard deviation | 8.91 | 9.73 | - | 9.09 | 8.85 | - | 8.95 | 8.76 | - |
| Significance | - | * | - | - | *** | - | - | *** | - |
| Effect size | - | 0.23 | - | - | 0.36 | - | - | 0.36 | - |
| 25th percentile | 47.4 | 47.8 | 0.4 | 43.4 | 46.5 | 3.1 | 43.9 | 46.9 | 3.0 |
| 75th percentile | 58.6 | 62.4 | 3.8 | 55.7 | 58.8 | 3.1 | 56.1 | 58.9 | 2.8 |

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) | 153 | 153 | - | 3,598 | 3,598 | - | 11,036 | 11,036 | - |
| High Construct Score Group | 40.5% | 51.0% | 10.5% | 26.2% | 39.5% | 13.3% | 26.9% | 40.9% | 14.0% |
| Average Construct Score Group | 40.5% | 34.6% | -5.9% | 42.5% | 41.4% | -1.2% | 43.1% | 41.3% | -1.8% |
| Low Construct Score Group | 19.0% | 14.4% | -4.6% | 31.3% | 19.1% | -12.1% | 30.0% | 17.8% | -12.2% |
| 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)



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

1C

**Social Agency**
**CIRP Longitudinal Construct Report**
**All Respondents**

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| Wabash College | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Mean Report** | | | | | | | | | |
| Total (n) | 145 | 145 | - | 3,433 | 3,433 | - | 10,643 | 10,643 | - |
| Mean | 50.9 | 51.8 | 0.9 | 50.8 | 53.0 | 2.2 | 50.6 | 53.3 | 2.6 |
| Standard deviation | 9.09 | 10.01 | - | 9.32 | 10.19 | - | 9.13 | 9.88 | - |
| Significance | - | | - | - | *** | - | - | *** | - |
| Effect size | - | 0.09 | - | - | 0.22 | - | - | 0.27 | - |
| 25th percentile | 45.1 | 46.2 | 1.1 | 45.0 | 46.6 | 1.6 | 44.9 | 46.9 | 2.0 |
| 75th percentile | 55.5 | 58.8 | 3.3 | 56.6 | 59.4 | 2.8 | 56.4 | 59.4 | 3.0 |

The population mean in the senior year increased by 2.8.

Your Institution
79.2
55.5 / 58.8
○ 50.9 ● 51.8
45.1 / 46.2
24.1
TFS   CSS

Comp Group 1
79.2
56.6 / 59.4
○ 50.8 ● 53.0
45.0 / 46.6
24.1
TFS   CSS

Comp Group 2
79.2
56.4 / 59.4
○ 50.6 ● 53.3
44.9 / 46.9
24.1
TFS   CSS

| | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Percentage Report** | | | | | | | | | |
| Total (n) | 145 | 145 | - | 3,433 | 3,433 | - | 10,643 | 10,643 | - |
| High Construct Score Group | 28.3% | 38.6% | 10.3% | 31.1% | 40.3% | 9.2% | 30.0% | 41.5% | 11.5% |
| Average Construct Score Group | 46.9% | 40.7% | -6.2% | 44.0% | 40.7% | -3.3% | 44.8% | 40.5% | -4.3% |
| Low Construct Score Group | 24.8% | 20.7% | -4.1% | 24.9% | 19.0% | -5.9% | 25.2% | 18.0% | -7.2% |
| Significance (based on High Score Group) | - | | - | - | *** | - | - | *** | - |

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

Your Institution
High Score Group
28.3% (TFS) 38.6% (CSS)

Comp Group 1
High Score Group
31.1% (TFS) 40.3% (CSS)

Comp Group 2
High Score Group
30.0% (TFS) 41.5% (CSS)

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

1D

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# Habits of Mind
## CIRP Longitudinal Construct Report
### Men

| Wabash College | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Mean Report** | | | | | | | | | |
| Total (n) | 154 | 154 | - | 1,398 | 1,398 | - | 4,365 | 4,365 | - |
| Mean | 51.4 | 59.0 | 7.6 | 52.3 | 56.6 | 4.2 | 51.1 | 54.9 | 3.8 |
| Standard deviation | 8.62 | 10.24 | - | 9.04 | 11.30 | - | 9.03 | 11.61 | - |
| Significance | - | *** | - | - | *** | - | - | *** | - |
| Effect size | - | 0.74 | - | - | 0.38 | - | - | 0.33 | - |
| 25th percentile | 46.8 | 53.1 | 6.3 | 46.1 | 48.9 | 2.8 | 44.7 | 46.9 | 2.2 |
| 75th percentile | 57.1 | 67.0 | 9.9 | 58.6 | 64.7 | 6.1 | 57.2 | 62.9 | 5.7 |

The population mean in the senior year increased by 1.7.

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

Your Institution

Comp Group 1

Comp Group 2

| Wabash College | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| **Longitudinal Percentage Report** | | | | | | | | | |
| Total (n) | 154 | 154 | - | 1,398 | 1,398 | - | 4,365 | 4,365 | - |
| High Construct Score Group | 32.5% | 65.6% | 33.1% | 38.0% | 56.6% | 18.6% | 33.5% | 49.0% | 15.5% |
| Average Construct Score Group | 44.2% | 26.0% | -18.2% | 40.8% | 28.0% | -12.8% | 40.8% | 30.9% | -9.9% |
| Low Construct Score Group | 23.4% | 8.4% | -14.9% | 21.2% | 15.5% | -5.8% | 25.7% | 20.1% | -5.7% |
| 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)
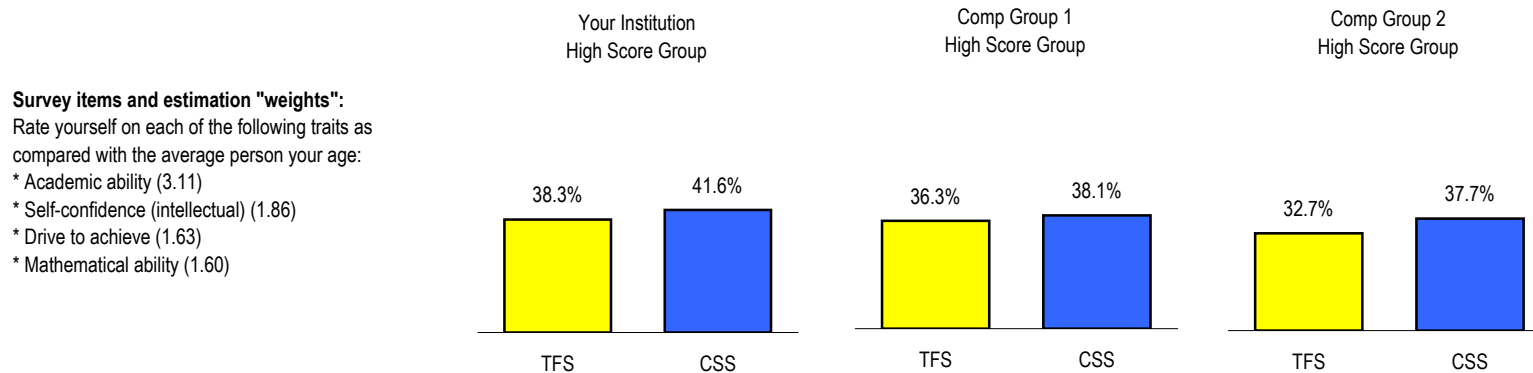* Accept mistakes as part of the learning process (0.69)

Your Institution High Score Group

Comp Group 1 High Score Group

Comp Group 2 High Score Group

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

2A

# Academic Self-Concept
## CIRP Longitudinal Construct Report
### Men

COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM
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| Wabash College | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Mean Report** | | | | | | | | | |
| Total (n) | 154 | 154 | - | 1,293 | 1,293 | - | 4,065 | 4,065 | - |
| Mean | 53.1 | 53.1 | 0.1 | 52.5 | 52.7 | 0.2 | 51.7 | 52.4 | 0.6 |
| Standard deviation | 8.57 | 10.01 | - | 8.56 | 9.57 | - | 8.53 | 9.57 | - |
| Significance | - | | - | - | | - | - | ** | - |
| Effect size | - | 0.01 | - | - | 0.02 | - | - | 0.07 | - |
| 25th percentile | 47.9 | 48.0 | 0.1 | 46.7 | 46.8 | 0.1 | 46.1 | 46.2 | 0.1 |
| 75th percentile | 59.2 | 61.2 | 2.0 | 58.5 | 59.4 | 0.9 | 57.6 | 59.1 | 1.5 |

Your Institution

72.2

59.2    61.2

○ 53.1    ● 53.1

47.9    48.0

12.0

TFS    CSS

Comp Group 1

72.2

58.5    59.4

○ 52.5    ● 52.7

46.7    46.8

12.0

TFS    CSS

Comp Group 2

72.2

57.6    59.1

○ 51.7    ● 52.4

46.1    46.2

12.0

TFS    CSS

The population mean in the senior year increased by 0.4.
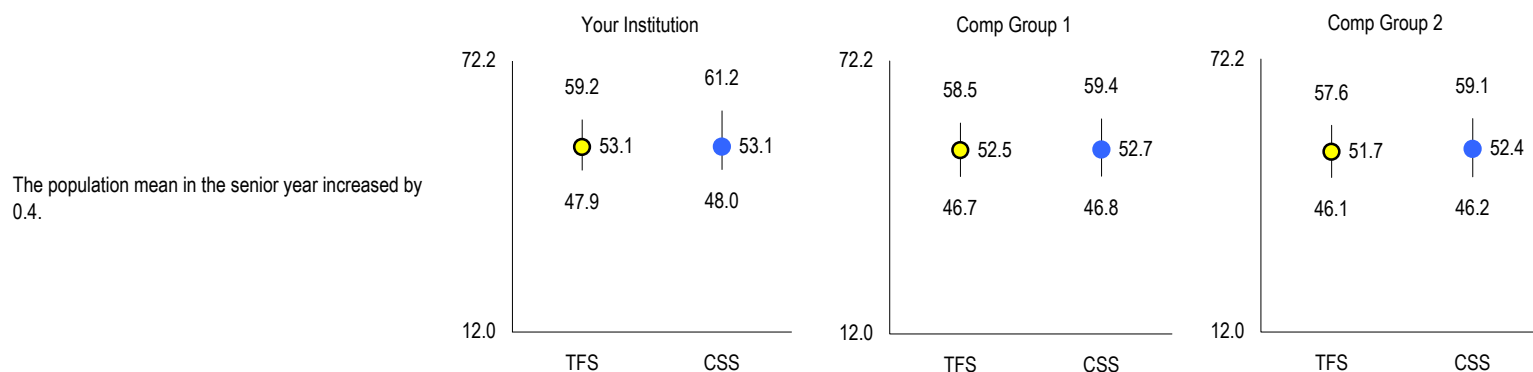
| | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| **Longitudinal Percentage Report** | | | | | | | | | |
| Total (n) | 154 | 154 | - | 1,293 | 1,293 | - | 4,065 | 4,065 | - |
| High Construct Score Group | 38.3% | 41.6% | 3.2% | 36.3% | 38.1% | 1.8% | 32.7% | 37.7% | 4.9% |
| Average Construct Score Group | 48.7% | 39.0% | -9.7% | 45.3% | 42.7% | -2.6% | 46.3% | 41.2% | -5.2% |
| Low Construct Score Group | 13.0% | 19.5% | 6.5% | 18.3% | 19.2% | 0.9% | 20.9% | 21.1% | 0.2% |
| Significance (based on High Score Group) | - | | - | - | | - | - | ** | - |

Your Institution
High Score Group

38.3%    41.6%

TFS    CSS

Comp Group 1
High Score Group

36.3%    38.1%

TFS    CSS

Comp Group 2
High Score Group

32.7%    37.7%

TFS    CSS

**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

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

# Social Self-Concept
## CIRP Longitudinal Construct Report
### Men

| Wabash College | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | **TFS** | **CSS** | **Change** | **TFS** | **CSS** | **Change** | **TFS** | **CSS** | **Change** |
| **Longitudinal Mean Report** | | | | | | | | | |
| Total (n) | 153 | 153 | - | 1,291 | 1,291 | - | 4,061 | 4,061 | - |
| Mean | 52.9 | 55.1 | 2.2 | 52.0 | 54.8 | 2.8 | 51.7 | 54.8 | 3.2 |
| Standard deviation | 8.91 | 9.73 | - | 9.02 | 8.96 | - | 9.12 | 9.06 | - |
| Significance | - | * | - | - | *** | - | - | *** | - |
| Effect size | - | 0.23 | - | - | 0.31 | - | - | 0.35 | - |
| 25th percentile | 47.4 | 47.8 | 0.4 | 46.0 | 48.7 | 2.7 | 45.4 | 48.6 | 3.2 |
| 75th percentile | 58.6 | 62.4 | 3.8 | 58.3 | 61.5 | 3.2 | 57.9 | 61.3 | 3.4 |

The population mean in the senior year increased by 2.9.

Your Institution

- 72.2
- 58.6
- 62.4
- 52.9 (TFS)
- 55.1 (CSS)
- 47.4
- 47.8
- 16.8

Comp Group 1

- 72.2
- 58.3
- 61.5
- 52.0 (TFS)
- 54.8 (CSS)
- 46.0
- 48.7
- 16.8

Comp Group 2

- 72.2
- 57.9
- 61.3
- 51.7 (TFS)
- 54.8 (CSS)
- 45.4
- 48.6
- 16.8
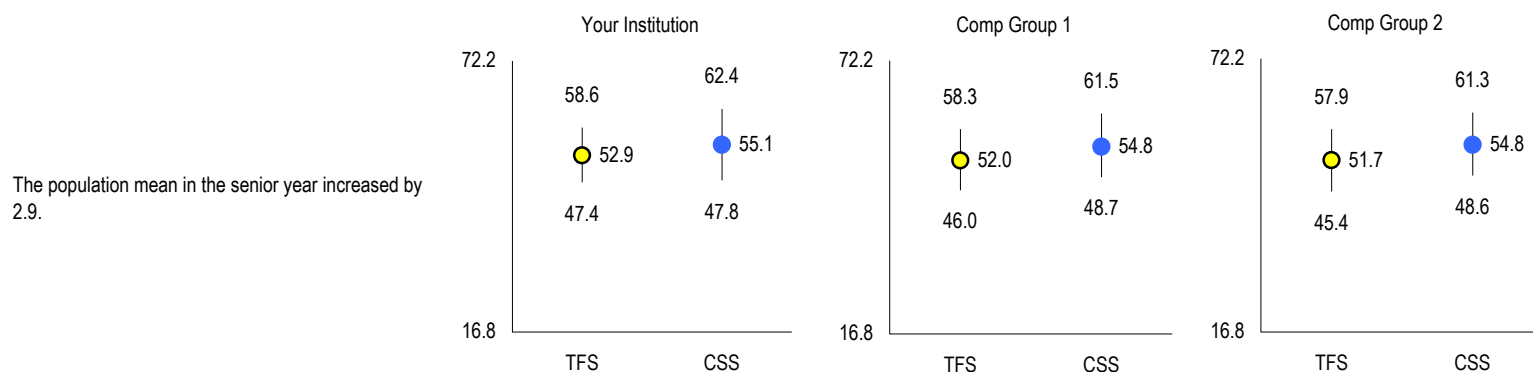
| | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| **Longitudinal Percentage Report** | | | | | | | | | |
| Total (n) | 153 | 153 | - | 1,291 | 1,291 | - | 4,061 | 4,061 | - |
| High Construct Score Group | 40.5% | 51.0% | 10.5% | 35.6% | 49.7% | 14.0% | 34.4% | 50.0% | 15.6% |
| Average Construct Score Group | 40.5% | 34.6% | -5.9% | 43.1% | 36.3% | -6.7% | 41.7% | 35.7% | -6.0% |
| Low Construct Score Group | 19.0% | 14.4% | -4.6% | 21.3% | 14.0% | -7.3% | 23.9% | 14.3% | -9.6% |
| Significance (based on High Score Group) | - | - | - | - | *** | - | - | *** | - |

Your Institution
High Score Group

- TFS: 40.5%
- CSS: 51.0%

Comp Group 1
High Score Group

- TFS: 35.6%
- CSS: 49.7%

Comp Group 2
High Score Group

- TFS: 34.4%
- CSS: 50.0%

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

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

2C

# Social Agency
## CIRP Longitudinal Construct Report
### Men

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

| Wabash College | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Mean Report** | | | | | | | | | |
| Total (n) | 145 | 145 | - | 1,216 | 1,216 | - | 3,885 | 3,885 | - |
| Mean | 50.9 | 51.8 | 0.9 | 50.0 | 52.3 | 2.3 | 49.7 | 52.5 | 2.8 |
| Standard deviation | 9.09 | 10.01 | - | 9.55 | 10.40 | - | 9.31 | 9.98 | - |
| Significance | - | | - | - | *** | - | - | *** | - |
| Effect size | - | 0.09 | - | - | 0.22 | - | - | 0.28 | - |
| 25th percentile | 45.1 | 46.2 | 1.1 | 44.2 | 46.2 | 2.0 | 43.9 | 46.4 | 2.5 |
| 75th percentile | 55.5 | 58.8 | 3.3 | 55.4 | 59.0 | 3.6 | 55.2 | 59.0 | 3.8 |

**The population mean in the senior year increased by 2.8.**

Your Institution:
- 79.2
- TFS: 55.5, 50.9, 45.1
- CSS: 58.8, 51.8, 46.2
- 24.1

Comp Group 1:
- 79.2
- TFS: 55.4, 50.0, 44.2
- CSS: 59.0, 52.3, 46.2
- 24.1

Comp Group 2:
- 79.2
- TFS: 55.2, 49.7, 43.9
- CSS: 59.0, 52.5, 46.4
- 24.1

| | Your Institution | | | Comp Group 1 | | | Comp Group 2 | | |
|---|---|---|---|---|---|---|---|---|---|
| | TFS | CSS | Change | TFS | CSS | Change | TFS | CSS | Change |
| **Longitudinal Percentage Report** | | | | | | | | | |
| Total (n) | 145 | 145 | - | 1,216 | 1,216 | - | 3,885 | 3,885 | - |
| High Construct Score Group | 28.3% | 38.6% | 10.3% | 26.6% | 37.0% | 10.4% | 25.8% | 38.5% | 12.7% |
| Average Construct Score Group | 46.9% | 40.7% | -6.2% | 45.4% | 42.8% | -2.5% | 45.3% | 41.7% | -3.6% |
| Low Construct Score Group | 24.8% | 20.7% | -4.1% | 28.0% | 20.1% | -7.8% | 29.0% | 19.8% | -9.1% |
| Significance (based on High Score Group) | - | | - | - | ** | - | - | *** | - |

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

Your Institution High Score Group:
- TFS: 28.3%
- CSS: 38.6%

Comp Group 1 High Score Group:
- TFS: 26.6%
- CSS: 37.0%

Comp Group 2 High Score Group:
- TFS: 25.8%
- CSS: 38.5%

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

2D