



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

# 2021 Your First College Year Survey

CIRP Construct Reports

First-time, Full-time Freshmen

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## University of California-San Diego

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Comparison group 1: All Public & Private 4yr Colleges

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| l. Negative Cross-Racial Interaction              | <a href="#">2L</a>            |
| m. Social Agency                                  | <a href="#">2M</a>            |
| n. Civic Awareness                                | <a href="#">2N</a>            |
| o. Leadership                                     | <a href="#">2O</a>            |
| p. Civic Engagement                               | <a href="#">2P</a>            |
| q. Science Self-Efficacy                          | <a href="#">2Q</a>            |
| r. Science Identity                               | <a href="#">2R</a>            |

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### How to Read the CIRP Construct Mean Reports

CIRP Constructs are designed to capture the experiences and outcomes institutions are often interested in understanding, but that present a measurement challenge because of their complex and multifaceted nature. To measure these broad underlying areas more precisely, we used Item Response Theory (IRT) to combine individual survey items into global measures that capture these areas. CIRP Constructs are more than a summation of related items; IRT uses response patterns to derive construct score estimates while simultaneously giving greater weight in the estimation process to survey items that tap into the construct more directly. This results in more accurate construct scores. Constructs are particularly useful for benchmarking. They allow you to determine if the experiences and outcomes for your students differ from your comparison groups. Two sets of reports are generated for CIRP Constructs. The Mean Report shows comparative information based on the mean score of a construct. The Percentage Report shows comparative information based on the percentage of students who score in the high, average, and low score group of a construct. We suggest you use the report that best fits your needs as an institution.

**CIRP Construct Definition** – Summarizes the theoretical rationale for creating the construct.

**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.

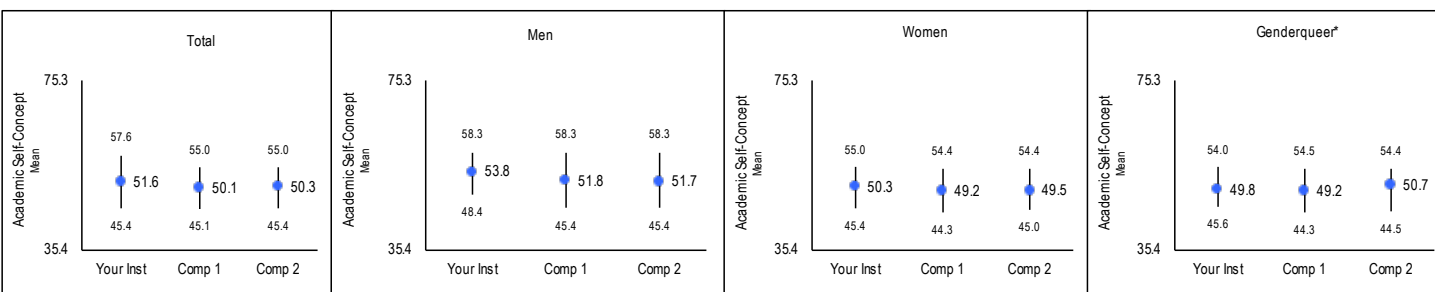
**Statistical Significance** – Used to examine the difference between the mean construct score for your institution and the comparison group. Constructs with mean differences that are larger than would be expected by chance are noted with one, two, or three stars, which correspond to the three standard 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.

**Academic Self-Concept** is a unified measure of students' beliefs about their abilities and confidence in academic environments.

| Sample University  | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer * |        |        |
|--------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|---------------|--------|--------|
|                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst     | Comp 1 | Comp 2 |
| Total (n)          | 1,367     | 5,029  | 14,906 | 506       | 1,603  | 5,572  | 821       | 3,426  | 9,334  | 40            | 3,426  | 156    |
| Mean               | 51.6      | 50.1   | 50.3   | 53.8      | 51.8   | 51.7   | 50.3      | 49.2   | 49.5   | 49.8          | 49.2   | 50.7   |
| Standard deviation | 7.92      | 7.86   | 7.84   | 8.49      | 8.29   | 8.22   | 7.25      | 7.51   | 7.50   | 7.11          | 7.51   | 7.67   |
| Significance       | -         | ***    | ***    | -         | ***    | ***    | -         | ***    | **     | -             | ***    | **     |
| Effect size        | -         | 0.19   | 0.16   | -         | 0.24   | 0.26   | -         | 0.14   | 0.10   | -             | 0.14   | 0.18   |
| 25th percentile    | 45.4      | 45.1   | 45.4   | 48.4      | 45.4   | 45.4   | 45.4      | 44.3   | 45.0   | 45.6          | 44.3   | 44.5   |
| 75th percentile    | 57.6      | 55.0   | 55.0   | 58.3      | 58.3   | 58.3   | 55.0      | 54.4   | 54.4   | 54.0          | 54.4   | 54.5   |

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

\* Includes Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

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

- \* Academic ability (3.01)
- \* Self-confidence (intellectual) (1.51)
- \* Drive to achieve (1.18)
- \* Mathematical ability (1.14)

For more information about IRT and the CIRP Construct development process, see the CIRP Constructs Technical Report at [www.herl.ucla.edu](http://www.herl.ucla.edu)

**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.

**Charts** – Provide a visual display of relevant construct scores for your institution and comparison group. 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.

**Your Institution** – The first column is your institution's data.

**All Insts** – The comparison group is comprised of all participating Institutions.

**Mean** – The arithmetic mean is computed for each CIRP Construct based on the construct score. CIRP constructs have been scaled to a population mean of 50 with a standard deviation of 10.

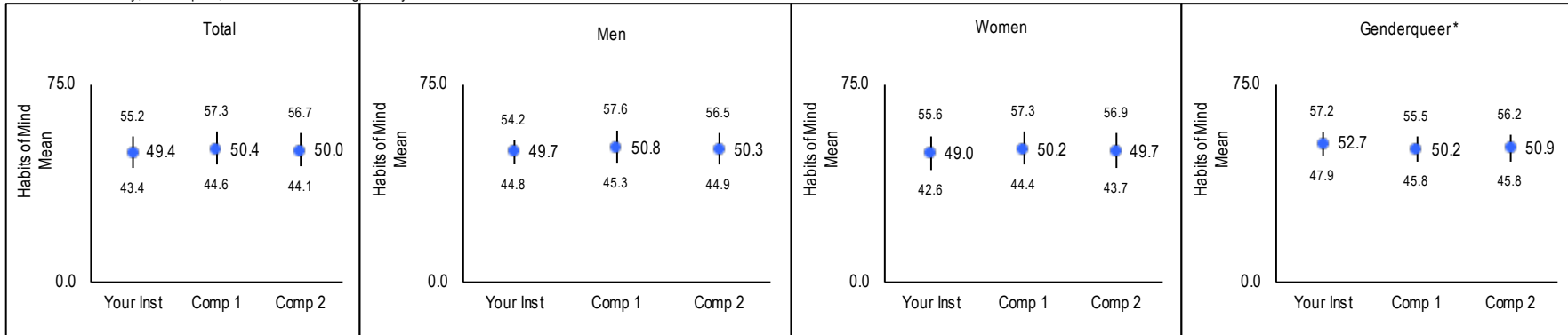
**Effect Size** – Determines the practical significance of the mean difference between your institution and the comparison group. It is calculated by dividing the mean difference by the standard deviation of the comparison group. Generally, an effect size of .2 is considered small, .5 medium, and .8 large. A positive sign indicates that your institution's mean is greater than the mean of the comparison group; a negative sign indicates your mean is smaller than the mean of the comparison group. Note that a negative effect size is sometimes preferred (e.g., a negative effect size on the "Academic Disengagement" CIRP Construct suggests your students score lower than comparison schools).

**Habits of Mind** is a unified measure of the behaviors and traits associated with academic success. These learning behaviors are seen as the foundation for lifelong learning.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 864       | 1,332  | 2,196  | 285       | 412    | 697    | 556       | 874    | 1,430  | 18           | 42     | 60     |
| Mean                               | 49.4      | 50.4   | 50.0   | 49.7      | 50.8   | 50.3   | 49.0      | 50.2   | 49.7   | 52.7         | 50.2   | 50.9   |
| Standard deviation                 | 9.07      | 9.19   | 9.15   | 8.72      | 9.22   | 9.03   | 9.28      | 9.17   | 9.22   | 7.15         | 9.42   | 8.82   |
| Significance                       | -         | **     |        | -         |        |        | -         | *      |        | -            |        |        |
| Effect size                        | -         | -0.11  | -0.07  | -         | -0.12  | -0.07  | -         | -0.13  | -0.08  | -            | 0.27   | 0.20   |
| 25th percentile                    | 43.4      | 44.6   | 44.1   | 44.8      | 45.3   | 44.9   | 42.6      | 44.4   | 43.7   | 47.9         | 45.8   | 45.8   |
| 75th percentile                    | 55.2      | 57.3   | 56.7   | 54.2      | 57.6   | 56.5   | 55.6      | 57.3   | 56.9   | 57.2         | 55.5   | 56.2   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

How often in the past year did you:

\* Support your opinions with a logical argument (2.28)

\* Seek solutions to problems and explain them to others (2.20)

\* Look up scientific research articles and resources (1.48)

\* Explore topics on your own, even though it was not required for a class (1.81)

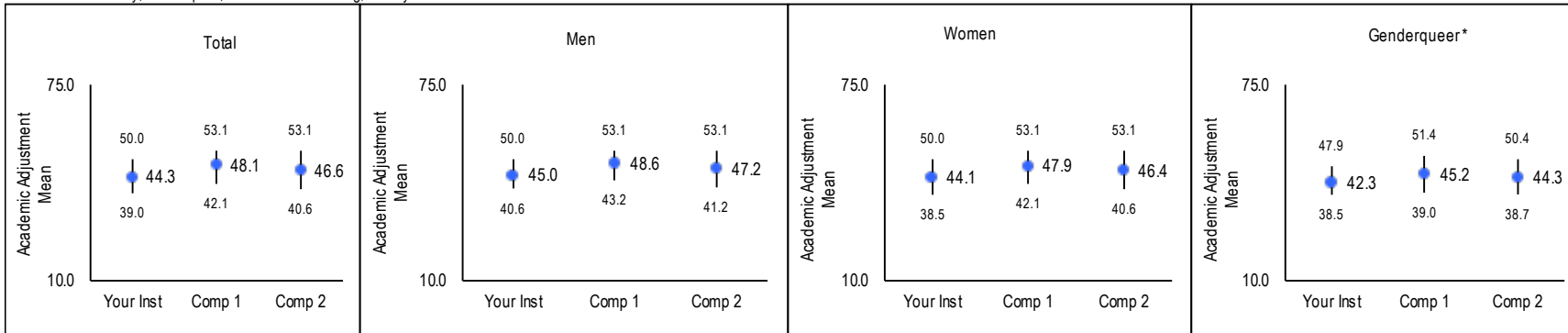
\* Accept mistakes as part of the learning process (0.89)

Academic Adjustment measures the ease with which students adjust to the academic demands of college.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 812       | 1,246  | 2,058  | 266       | 389    | 655    | 524       | 815    | 1,339  | 18           | 38     | 56     |
| Mean                               | 44.3      | 48.1   | 46.6   | 45.0      | 48.6   | 47.2   | 44.1      | 47.9   | 46.4   | 42.3         | 45.2   | 44.3   |
| Standard deviation                 | 9.06      | 9.56   | 9.54   | 8.69      | 9.50   | 9.35   | 9.22      | 9.53   | 9.59   | 9.26         | 10.54  | 10.16  |
| Significance                       | -         | ***    | ***    | -         | ***    | **     | -         | ***    | ***    | -            | -      | -      |
| Effect size                        | -         | -0.39  | -0.24  | -         | -0.38  | -0.23  | -         | -0.39  | -0.24  | -            | -0.28  | -0.19  |
| 25th percentile                    | 39.0      | 42.1   | 40.6   | 40.6      | 43.2   | 41.2   | 38.5      | 42.1   | 40.6   | 38.5         | 39.0   | 38.7   |
| 75th percentile                    | 50.0      | 53.1   | 53.1   | 50.0      | 53.1   | 53.1   | 50.0      | 53.1   | 53.1   | 47.9         | 51.4   | 50.4   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Since entering this college, how has it been to:

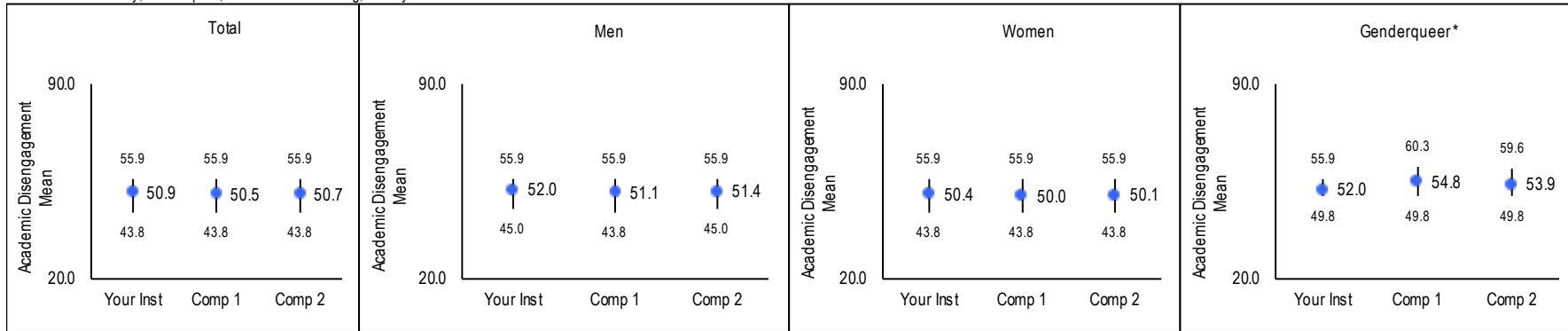
- \* Understand what your professors expect of you academically (1.29)
- \* Develop effective study skills (3.26)
- \* Adjust to the academic demands of college (3.40)
- \* Manage your time effectively (2.70)

**Academic Disengagement** measures the extent to which students engage in behaviors that are inconsistent with academic success.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 797       | 1,226  | 2,023  | 257       | 381    | 638    | 519       | 803    | 1,322  | 17           | 38     | 55     |
| Mean                               | 50.9      | 50.5   | 50.7   | 52.0      | 51.1   | 51.4   | 50.4      | 50.0   | 50.1   | 52.0         | 54.8   | 53.9   |
| Standard deviation                 | 7.15      | 7.30   | 7.24   | 6.89      | 7.25   | 7.12   | 7.28      | 7.28   | 7.28   | 5.99         | 6.68   | 6.55   |
| Significance                       | -         | -      | -      | -         | -      | -      | -         | -      | -      | -            | -      | -      |
| Effect size                        | -         | 0.06   | 0.04   | -         | 0.13   | 0.08   | -         | 0.05   | 0.03   | -            | -0.42  | -0.30  |
| 25th percentile                    | 43.8      | 43.8   | 43.8   | 45.0      | 43.8   | 45.0   | 43.8      | 43.8   | 43.8   | 49.8         | 49.8   | 49.8   |
| 75th percentile                    | 55.9      | 55.9   | 55.9   | 55.9      | 55.9   | 55.9   | 55.9      | 55.9   | 55.9   | 55.9         | 60.3   | 59.6   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

\* Been late to class (1.47)

\* Turned in course assignment(s) late (1.33)

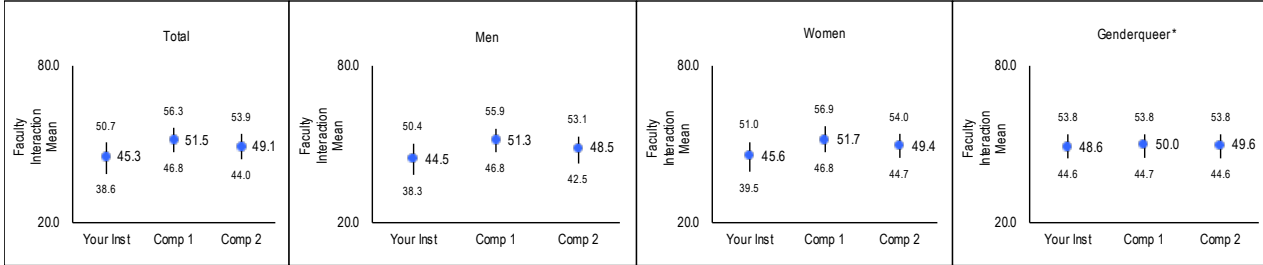
\* Turned in course assignments that did not reflect your best work (1.22)

**Faculty Interaction: Contact and Communication** measures the amount and type of contact students have with faculty that is appropriate for the first year of college, as well as satisfaction with these issues.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 864       | 1,332  | 2,196  | 285       | 412    | 697    | 556       | 874    | 1,430  | 18           | 42     | 60     |
| Mean                               | 45.3      | 51.5   | 49.1   | 44.5      | 51.3   | 48.5   | 45.6      | 51.7   | 49.4   | 48.6         | 50.0   | 49.6   |
| Standard deviation                 | 7.54      | 7.36   | 8.03   | 7.62      | 7.00   | 8.00   | 7.47      | 7.46   | 8.03   | 6.78         | 8.73   | 8.16   |
| Significance                       | -         | ***    | ***    | -         | ***    | ***    | -         | ***    | ***    | -            | -      | -      |
| Effect size                        | -         | -0.85  | -0.47  | -         | -0.98  | -0.51  | -         | -0.82  | -0.46  | -            | -0.16  | -0.12  |
| 25th percentile                    | 38.6      | 46.8   | 44.0   | 38.3      | 46.8   | 42.5   | 39.5      | 46.8   | 44.7   | 44.6         | 44.7   | 44.6   |
| 75th percentile                    | 50.7      | 56.3   | 53.9   | 50.4      | 55.9   | 53.1   | 51.0      | 56.9   | 54.0   | 53.8         | 53.8   | 53.8   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

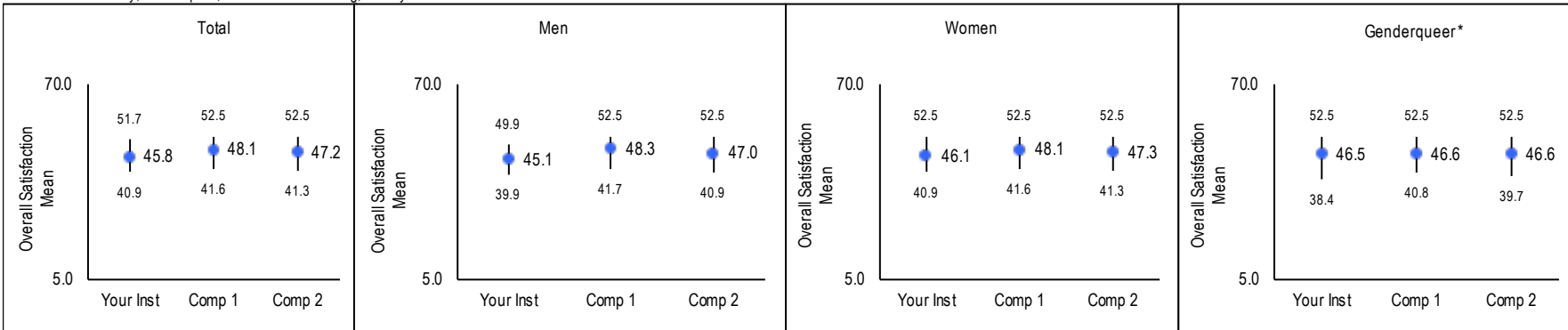
- \* Faculty during office hours (1.38)
- \* Asked a professor for advice after class (1.83)
- \* Communicated regularly with your professors (2.79)
- \* Amount of contact with faculty (1.12)
- \* Faculty outside of class or office hours (1.19)

Overall Satisfaction is a unified measure of students' satisfaction with the college experience.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 850       | 1,315  | 2,165  | 279       | 408    | 687    | 549       | 861    | 1,410  | 18           | 42     | 60     |
| Mean                               | 45.8      | 48.1   | 47.2   | 45.1      | 48.3   | 47.0   | 46.1      | 48.1   | 47.3   | 46.5         | 46.6   | 46.6   |
| Standard deviation                 | 7.94      | 8.50   | 8.36   | 8.33      | 8.93   | 8.83   | 7.70      | 8.31   | 8.13   | 8.74         | 8.46   | 8.47   |
| Significance                       | -         | ***    | ***    | -         | ***    | **     | -         | ***    | **     | -            | -      | -      |
| Effect size                        | -         | -0.28  | -0.17  | -         | -0.36  | -0.21  | -         | -0.25  | -0.15  | -            | -0.01  | -0.01  |
| 25th percentile                    | 40.9      | 41.6   | 41.3   | 39.9      | 41.7   | 40.9   | 40.9      | 41.6   | 41.3   | 38.4         | 40.8   | 39.7   |
| 75th percentile                    | 51.7      | 52.5   | 52.5   | 49.9      | 52.5   | 52.5   | 52.5      | 52.5   | 52.5   | 52.5         | 52.5   | 52.5   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Please rate your satisfaction with your college in each area:

\* Your overall academic experience (2.21)

\* Overall college experience (2.97)

\* If given the choice, would you still choose to enroll at your current (or most recent) college? (1.57)

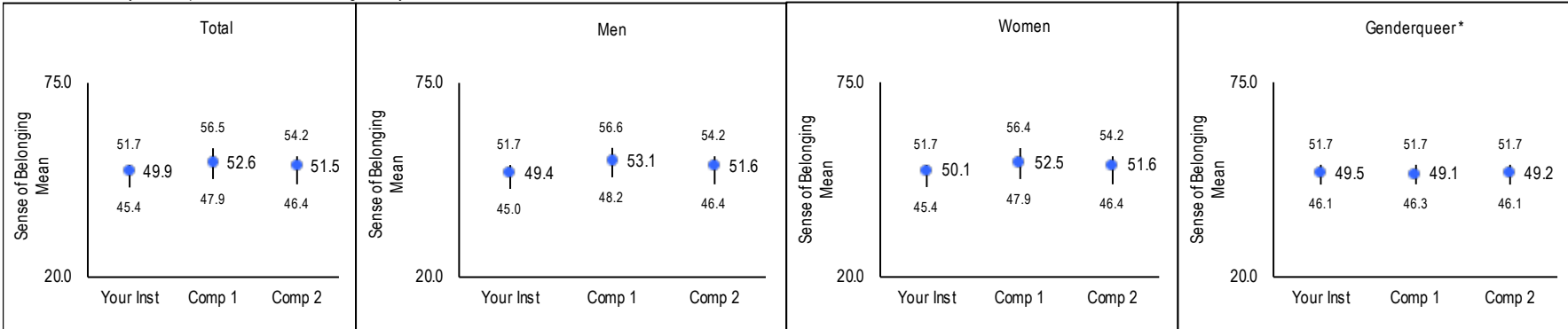


**Sense of Belonging** measures the extent to which students feel a sense of academic and social integration on campus.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 770       | 1,183  | 1,953  | 247       | 372    | 619    | 502       | 771    | 1,273  | 18           | 36     | 54     |
| Mean                               | 49.9      | 52.6   | 51.5   | 49.4      | 53.1   | 51.6   | 50.1      | 52.5   | 51.6   | 49.5         | 49.1   | 49.2   |
| Standard deviation                 | 5.48      | 6.56   | 6.30   | 5.50      | 6.62   | 6.46   | 5.46      | 6.54   | 6.24   | 5.35         | 5.26   | 5.24   |
| Significance                       | -         | ***    | ***    | -         | ***    | ***    | -         | ***    | ***    | -            | -      | -      |
| Effect size                        | -         | -0.42  | -0.26  | -         | -0.57  | -0.35  | -         | -0.36  | -0.23  | -            | 0.07   | 0.05   |
| 25th percentile                    | 45.4      | 47.9   | 46.4   | 45.0      | 48.2   | 46.4   | 45.4      | 47.9   | 46.4   | 46.1         | 46.3   | 46.1   |
| 75th percentile                    | 51.7      | 56.5   | 54.2   | 51.7      | 56.6   | 54.2   | 51.7      | 56.4   | 54.2   | 51.7         | 51.7   | 51.7   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Please indicate the extent to which you agree or disagree with the following statements:

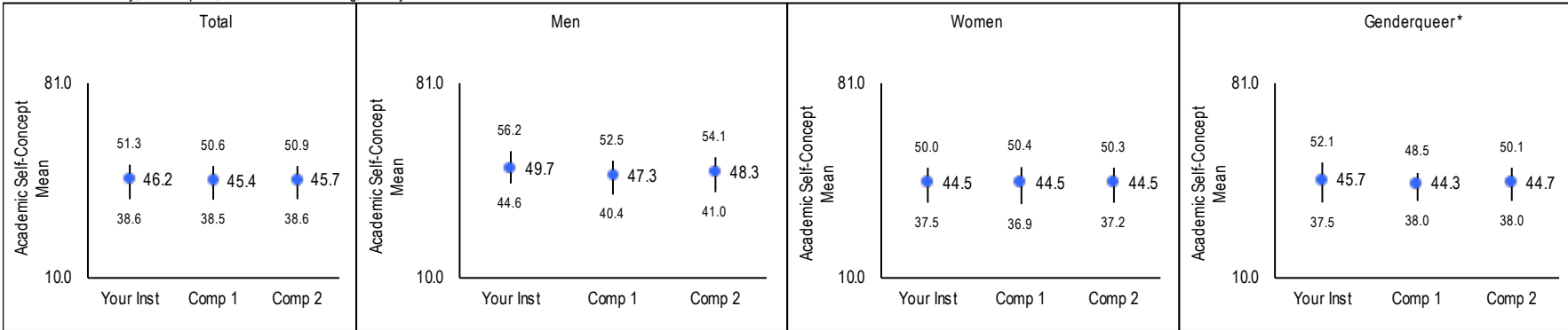
- \* I see myself as part of the campus community (4.65)
- \* I feel I am a member of this college (8.00)
- \* I feel a sense of belonging to this campus (7.11)
- \* If asked, I would recommend this college to others (3.99)

**Academic Self-Concept** is a unified measure of students' beliefs about their abilities and confidence in academic environments.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 834       | 1,274  | 2,108  | 273       | 398    | 671    | 538       | 833    | 1,371  | 18           | 39     | 57     |
| Mean                               | 46.2      | 45.4   | 45.7   | 49.7      | 47.3   | 48.3   | 44.5      | 44.5   | 44.5   | 45.7         | 44.3   | 44.7   |
| Standard deviation                 | 9.93      | 9.46   | 9.65   | 10.04     | 9.61   | 9.85   | 9.31      | 9.30   | 9.30   | 10.83        | 8.57   | 9.27   |
| Significance                       | -         |        |        | -         | **     |        | -         |        |        | -            |        |        |
| Effect size                        | -         | 0.08   | 0.05   | -         | 0.24   | 0.14   | -         | 0.00   | 0.00   | -            | 0.16   | 0.10   |
| 25th percentile                    | 38.6      | 38.5   | 38.6   | 44.6      | 40.4   | 41.0   | 37.5      | 36.9   | 37.2   | 37.5         | 38.0   | 38.0   |
| 75th percentile                    | 51.3      | 50.6   | 50.9   | 56.2      | 52.5   | 54.1   | 50.0      | 50.4   | 50.3   | 52.1         | 48.5   | 50.1   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

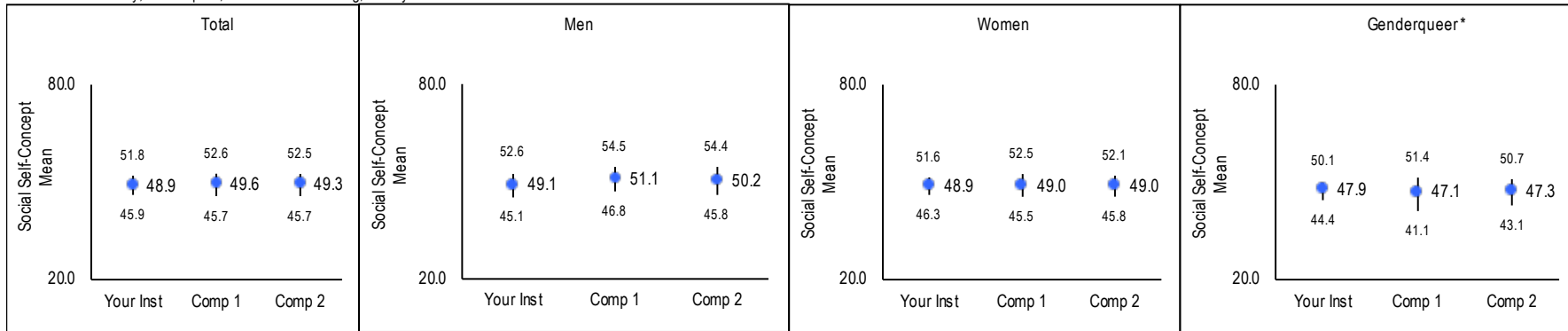
- \* Academic ability (4.02)
- \* Mathematical ability (2.69)
- \* Self-confidence (intellectual) (1.90)
- \* Drive to achieve (1.72)

**Social Self-Concept** is a unified measure of students' beliefs about their abilities and confidence in social situations.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 833       | 1,272  | 2,105  | 273       | 398    | 671    | 537       | 832    | 1,369  | 18           | 39     | 57     |
| Mean                               | 48.9      | 49.6   | 49.3   | 49.1      | 51.1   | 50.2   | 48.9      | 49.0   | 49.0   | 47.9         | 47.1   | 47.3   |
| Standard deviation                 | 5.73      | 6.82   | 6.42   | 6.59      | 7.67   | 7.31   | 5.29      | 6.24   | 5.88   | 4.10         | 7.32   | 6.45   |
| Significance                       | -         | **     |        | -         | ***    | *      | -         |        |        | -            |        |        |
| Effect size                        | -         | -0.11  | -0.07  | -         | -0.26  | -0.16  | -         | -0.03  | -0.02  | -            | 0.12   | 0.09   |
| 25th percentile                    | 45.9      | 45.7   | 45.7   | 45.1      | 46.8   | 45.8   | 46.3      | 45.5   | 45.8   | 44.4         | 41.1   | 43.1   |
| 75th percentile                    | 51.8      | 52.6   | 52.5   | 52.6      | 54.5   | 54.4   | 51.6      | 52.5   | 52.1   | 50.1         | 51.4   | 50.7   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

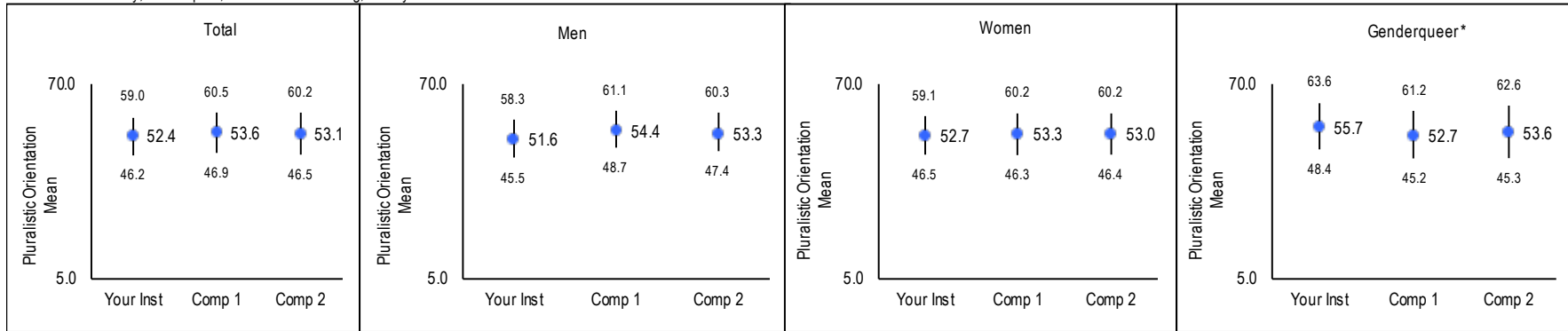
- \* Leadership ability (1.88)
- \* Public speaking ability (2.48)
- \* Self-confidence (social) (3.53)

Pluralistic Orientation measures skills and dispositions appropriate for living and working in a diverse society.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 808       | 1,238  | 2,046  | 265       | 387    | 652    | 521       | 809    | 1,330  | 18           | 38     | 56     |
| Mean                               | 52.4      | 53.6   | 53.1   | 51.6      | 54.4   | 53.3   | 52.7      | 53.3   | 53.0   | 55.7         | 52.7   | 53.6   |
| Standard deviation                 | 10.08     | 9.82   | 9.94   | 10.36     | 9.40   | 9.89   | 9.96      | 9.99   | 9.98   | 8.89         | 10.45  | 9.99   |
| Significance                       | -         | **     |        | -         | ***    | *      | -         |        |        | -            |        |        |
| Effect size                        | -         | -0.12  | -0.07  | -         | -0.30  | -0.17  | -         | -0.05  | -0.03  | -            | 0.29   | 0.20   |
| 25th percentile                    | 46.2      | 46.9   | 46.5   | 45.5      | 48.7   | 47.4   | 46.5      | 46.3   | 46.4   | 48.4         | 45.2   | 45.3   |
| 75th percentile                    | 59.0      | 60.5   | 60.2   | 58.3      | 61.1   | 60.3   | 59.1      | 60.2   | 60.2   | 63.6         | 61.2   | 62.6   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

How would you rate yourself in the following areas:

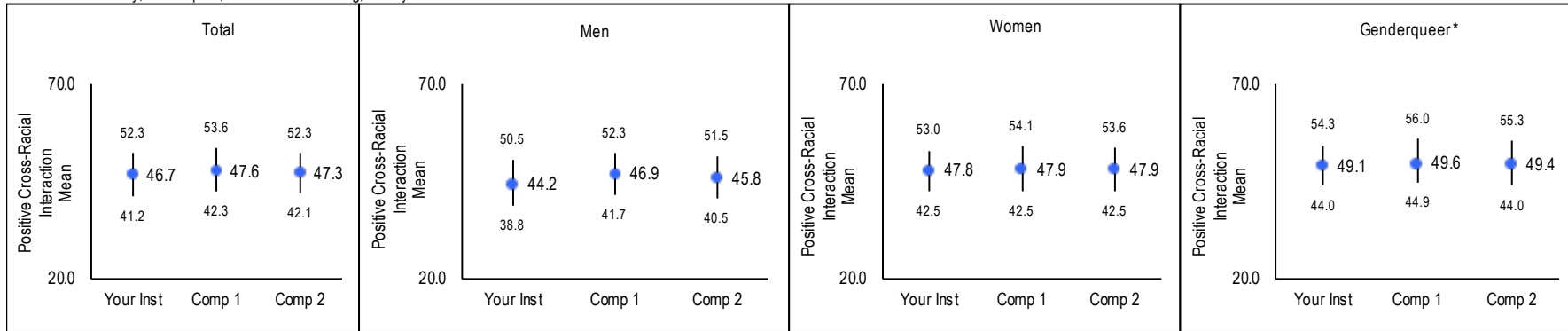
- \* Ability to discuss and negotiate controversial issues (2.57)
- \* Ability to see the world from someone else's perspective (2.43)
- \* Ability to work cooperatively with diverse people (2.74)
- \* Openness to having my own views challenged (2.44)
- \* Tolerance of others with different beliefs (3.01)

Positive Cross-Racial Interaction is a unified measure of students' level of positive interaction with diverse peers.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 754       | 1,159  | 1,913  | 243       | 363    | 606    | 491       | 756    | 1,247  | 16           | 36     | 52     |
| Mean                               | 46.7      | 47.6   | 47.3   | 44.2      | 46.9   | 45.8   | 47.8      | 47.9   | 47.9   | 49.1         | 49.6   | 49.4   |
| Standard deviation                 | 8.27      | 8.48   | 8.41   | 8.37      | 7.80   | 8.14   | 8.00      | 8.69   | 8.43   | 6.48         | 9.74   | 8.80   |
| Significance                       | -         | *      |        | -         | ***    | **     | -         |        |        | -            |        |        |
| Effect size                        | -         | -0.11  | -0.07  | -         | -0.35  | -0.20  | -         | -0.01  | 0.00   | -            | -0.05  | -0.04  |
| 25th percentile                    | 41.2      | 42.3   | 42.1   | 38.8      | 41.7   | 40.5   | 42.5      | 42.5   | 42.5   | 44.0         | 44.9   | 44.0   |
| 75th percentile                    | 52.3      | 53.6   | 52.3   | 50.5      | 52.3   | 51.5   | 53.0      | 54.1   | 53.6   | 54.3         | 56.0   | 55.3   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

To what extent have you experienced the following with students from a racial/ethnic group other than your own?

\* Shared personal feelings and problems (3.08)

\* Had meaningful and honest discussions about race/ethnic relations outside of class (2.59)

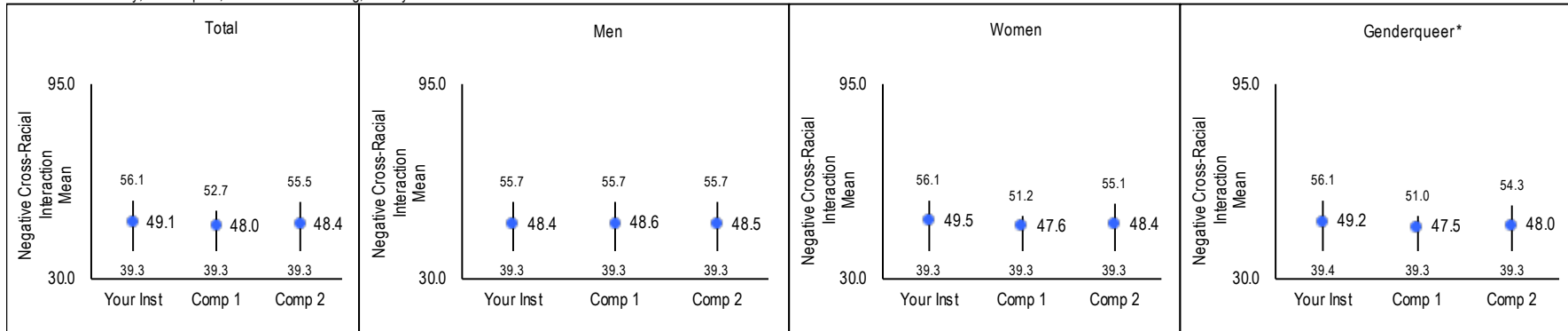
\* Socialized or partied (2.05)

Negative Cross-Racial Interaction is a unified measure of students' level of negative interaction with diverse peers.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 752       | 1,154  | 1,906  | 243       | 362    | 605    | 490       | 752    | 1,242  | 16           | 36     | 52     |
| Mean                               | 49.1      | 48.0   | 48.4   | 48.4      | 48.6   | 48.5   | 49.5      | 47.6   | 48.4   | 49.2         | 47.5   | 48.0   |
| Standard deviation                 | 8.45      | 8.24   | 8.34   | 8.36      | 8.38   | 8.36   | 8.50      | 8.19   | 8.36   | 8.26         | 7.74   | 7.86   |
| Significance                       | -         | **     |        | -         |        |        | -         | ***    | *      | -            |        |        |
| Effect size                        | -         | 0.14   | 0.08   | -         | -0.03  | -0.02  | -         | 0.23   | 0.14   | -            | 0.22   | 0.15   |
| 25th percentile                    | 39.3      | 39.3   | 39.3   | 39.3      | 39.3   | 39.3   | 39.3      | 39.3   | 39.3   | 39.4         | 39.3   | 39.3   |
| 75th percentile                    | 56.1      | 52.7   | 55.5   | 55.7      | 55.7   | 55.7   | 56.1      | 51.2   | 55.1   | 56.1         | 51.0   | 54.3   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

To what extent have you experienced the following with students from a racial/ethnic group other than your own?

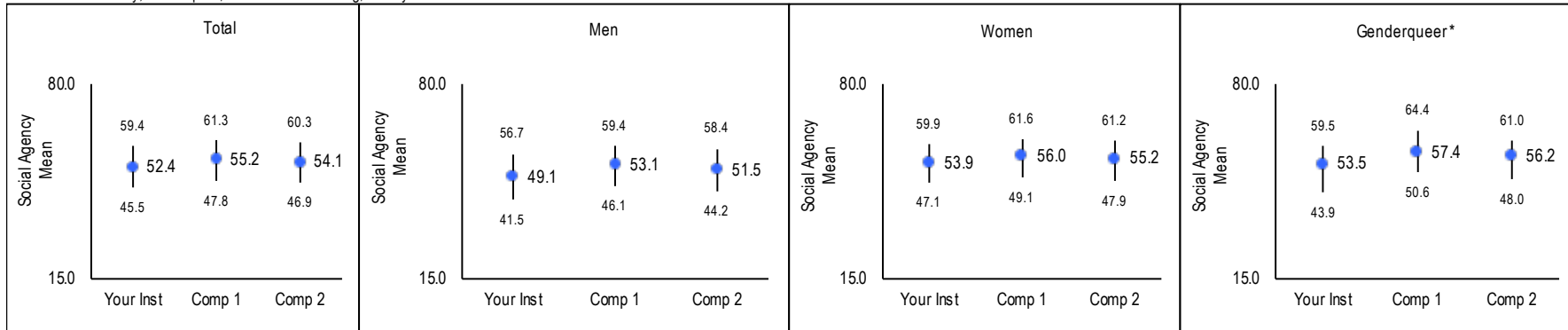
- \* Had guarded, cautious interactions (1.49)
- \* Had tense, somewhat hostile interactions (2.23)
- \* Felt insulted or threatened because of your race/ethnicity (8.30)
- \* Felt ignored or invisible because of your race/ethnicity (3.96)

**Social Agency** measures the extent to which students value political and social involvement as a personal goal.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 748       | 1,129  | 1,877  | 242       | 355    | 597    | 487       | 734    | 1,221  | 16           | 36     | 52     |
| Mean                               | 52.4      | 55.2   | 54.1   | 49.1      | 53.1   | 51.5   | 53.9      | 56.0   | 55.2   | 53.5         | 57.4   | 56.2   |
| Standard deviation                 | 10.57     | 10.12  | 10.39  | 10.59     | 9.90   | 10.36  | 10.14     | 10.09  | 10.16  | 11.95        | 9.84   | 10.58  |
| Significance                       | -         | ***    | ***    | -         | ***    | **     | -         | ***    | *      | -            | -      | -      |
| Effect size                        | -         | -0.27  | -0.16  | -         | -0.40  | -0.22  | -         | -0.21  | -0.13  | -            | -0.40  | -0.26  |
| 25th percentile                    | 45.5      | 47.8   | 46.9   | 41.5      | 46.1   | 44.2   | 47.1      | 49.1   | 47.9   | 43.9         | 50.6   | 48.0   |
| 75th percentile                    | 59.4      | 61.3   | 60.3   | 56.7      | 59.4   | 58.4   | 59.9      | 61.6   | 61.2   | 59.5         | 64.4   | 61.0   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Indicate the importance to you personally of each of the following:

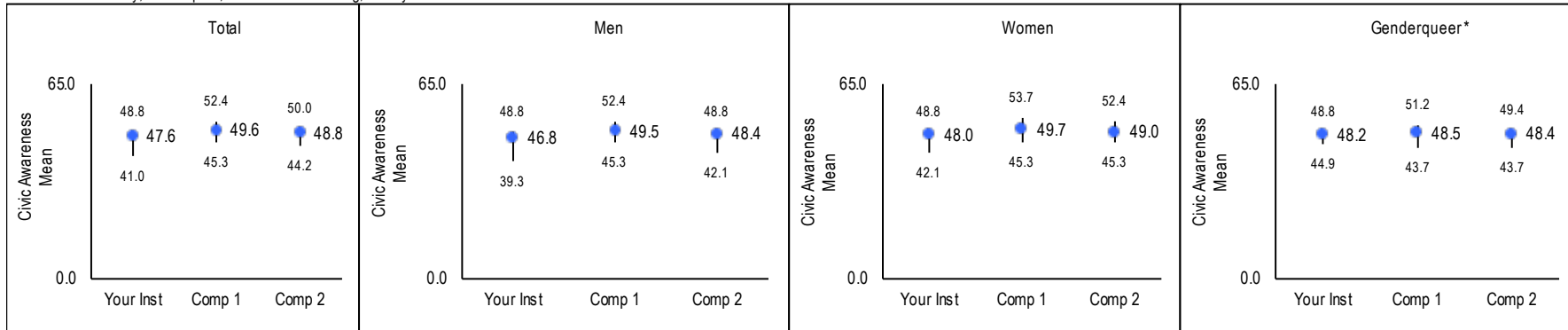
- \* Influencing social values (1.78)
- \* Helping others who are in difficulty (1.71)
- \* Participating in a community action program (2.86)
- \* Helping to promote racial understanding (2.77)
- \* Keeping up to date with political affairs (2.15)
- \* Becoming a community leader (2.65)

**Civic Awareness** measures changes in students' understanding of the issues facing their community, nation, and the world.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 756       | 1,168  | 1,924  | 243       | 366    | 609    | 494       | 762    | 1,256  | 16           | 36     | 52     |
| Mean                               | 47.6      | 49.6   | 48.8   | 46.8      | 49.5   | 48.4   | 48.0      | 49.7   | 49.0   | 48.2         | 48.5   | 48.4   |
| Standard deviation                 | 8.35      | 8.80   | 8.68   | 8.40      | 8.57   | 8.60   | 8.33      | 8.93   | 8.74   | 7.21         | 8.63   | 8.15   |
| Significance                       | -         | ***    | ***    | -         | ***    | *      | -         | ***    | *      | -            | -      | -      |
| Effect size                        | -         | -0.23  | -0.14  | -         | -0.31  | -0.19  | -         | -0.19  | -0.12  | -            | -0.04  | -0.03  |
| 25th percentile                    | 41.0      | 45.3   | 44.2   | 39.3      | 45.3   | 42.1   | 42.1      | 45.3   | 45.3   | 44.9         | 43.7   | 43.7   |
| 75th percentile                    | 48.8      | 52.4   | 50.0   | 48.8      | 52.4   | 48.8   | 48.8      | 53.7   | 52.4   | 48.8         | 51.2   | 49.4   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Please rate your agreement with the following statements: This institution has contributed to my:

- \* Understanding of national issues (6.51)
- \* Understanding the problems facing my community (2.39)
- \* Understanding of global issues (5.18)

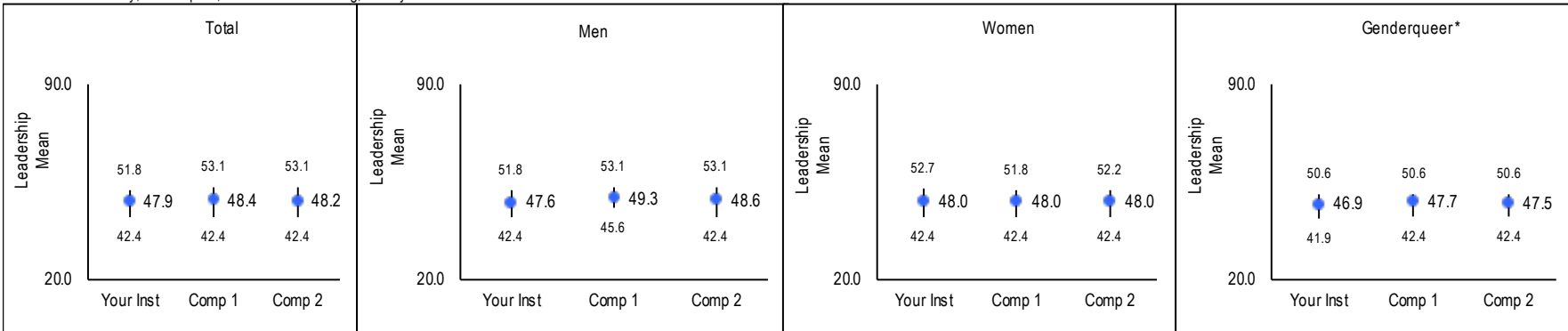


Leadership is a unified measure of students' beliefs about their leadership development and capability and their experiences as a leader.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 834       | 1,276  | 2,110  | 274       | 400    | 674    | 537       | 833    | 1,370  | 18           | 39     | 57     |
| Mean                               | 47.9      | 48.4   | 48.2   | 47.6      | 49.3   | 48.6   | 48.0      | 48.0   | 48.0   | 46.9         | 47.7   | 47.5   |
| Standard deviation                 | 7.66      | 6.78   | 7.14   | 7.81      | 6.58   | 7.16   | 7.56      | 6.86   | 7.14   | 8.92         | 6.41   | 7.22   |
| Significance                       | -         |        |        | -         | **     | *      | -         |        |        | -            |        |        |
| Effect size                        | -         | -0.08  | -0.05  | -         | -0.27  | -0.15  | -         | 0.00   | 0.00   | -            | -0.12  | -0.07  |
| 25th percentile                    | 42.4      | 42.4   | 42.4   | 42.4      | 45.6   | 42.4   | 42.4      | 42.4   | 42.4   | 41.9         | 42.4   | 42.4   |
| 75th percentile                    | 51.8      | 53.1   | 53.1   | 51.8      | 53.1   | 53.1   | 52.7      | 51.8   | 52.2   | 50.6         | 50.6   | 50.6   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

\* Leadership ability (1.20)

Please indicate the extent to which you agree or disagree with the following statements:

\* I have effectively led a group to a common purpose (1.49)

Since entering this college have you:

\* Been a leader in an organization (2.38)

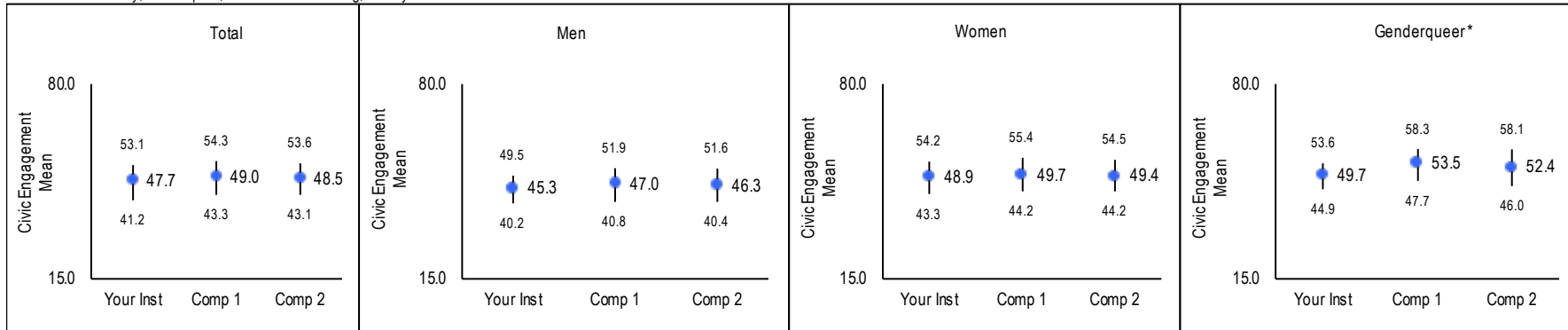
\* Participated in: leadership training (1.57)

Civic Engagement measures the extent to which students are motivated and involved in civic, electoral, and political activities.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 799       | 1,227  | 2,026  | 257       | 381    | 638    | 521       | 804    | 1,325  | 17           | 38     | 55     |
| Mean                               | 47.7      | 49.0   | 48.5   | 45.3      | 47.0   | 46.3   | 48.9      | 49.7   | 49.4   | 49.7         | 53.5   | 52.4   |
| Standard deviation                 | 8.63      | 7.95   | 8.25   | 8.76      | 7.64   | 8.14   | 8.34      | 7.92   | 8.10   | 8.38         | 7.59   | 7.97   |
| Significance                       | -         | ***    | *      | -         | **     |        | -         |        |        | -            |        |        |
| Effect size                        | -         | -0.16  | -0.09  | -         | -0.22  | -0.13  | -         | -0.11  | -0.07  | -            | -0.50  | -0.33  |
| 25th percentile                    | 41.2      | 43.3   | 43.1   | 40.2      | 40.8   | 40.4   | 43.3      | 44.2   | 44.2   | 44.9         | 47.7   | 46.0   |
| 75th percentile                    | 53.1      | 54.3   | 53.6   | 49.5      | 51.9   | 51.6   | 54.2      | 55.4   | 54.5   | 53.6         | 58.3   | 58.1   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Since entering this college, how often have you:

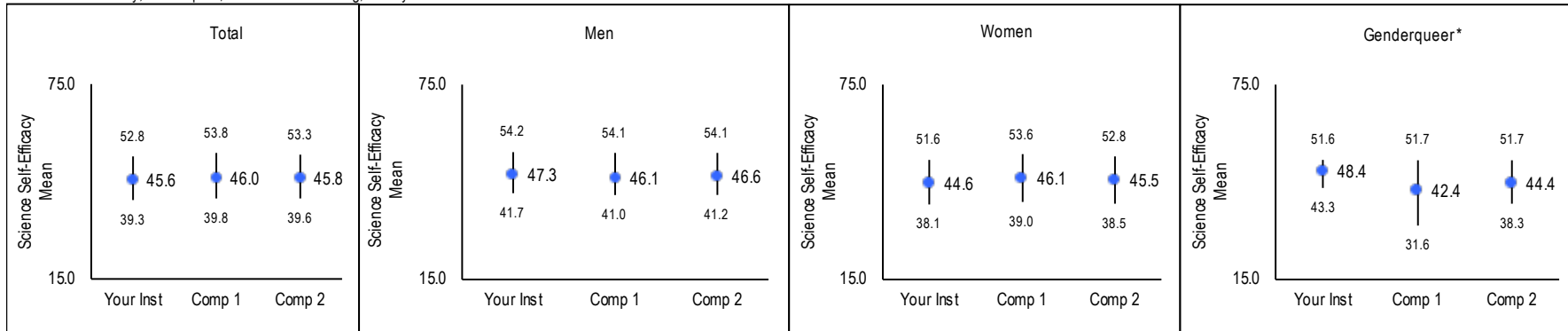
- \* Publicly communicated your opinion about a cause (e.g., blog, email, petition) (1.61)
- \* Demonstrated for a cause (e.g., boycott, rally, protest) (1.56)
- \* Worked on a local, state, or national political campaign (1.54)
- \* Keeping up to date with political affairs (1.70)
- \* Influencing social values (1.30)
- \* Helped raise money for a cause or campaign (0.95)
- \* Performed volunteer work (0.65)

Science Self-Efficacy is a measure of students' confidence in their ability to conduct scientific research.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 713       | 1,076  | 1,789  | 232       | 337    | 569    | 462       | 702    | 1,164  | 16           | 33     | 49     |
| Mean                               | 45.6      | 46.0   | 45.8   | 47.3      | 46.1   | 46.6   | 44.6      | 46.1   | 45.5   | 48.4         | 42.4   | 44.4   |
| Standard deviation                 | 10.25     | 11.70  | 11.15  | 10.58     | 11.63  | 11.22  | 10.08     | 11.67  | 11.08  | 7.48         | 12.78  | 11.60  |
| Significance                       | -         |        |        | -         |        |        | -         | *      |        | -            |        |        |
| Effect size                        | -         | -0.03  | -0.02  | -         | 0.11   | 0.07   | -         | -0.12  | -0.08  | -            | 0.47   | 0.35   |
| 25th percentile                    | 39.3      | 39.8   | 39.6   | 41.7      | 41.0   | 41.2   | 38.1      | 39.0   | 38.5   | 43.3         | 31.6   | 38.3   |
| 75th percentile                    | 52.8      | 53.8   | 53.3   | 54.2      | 54.1   | 54.1   | 51.6      | 53.6   | 52.8   | 51.6         | 51.7   | 51.7   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

To what extent are the following statements true to you:

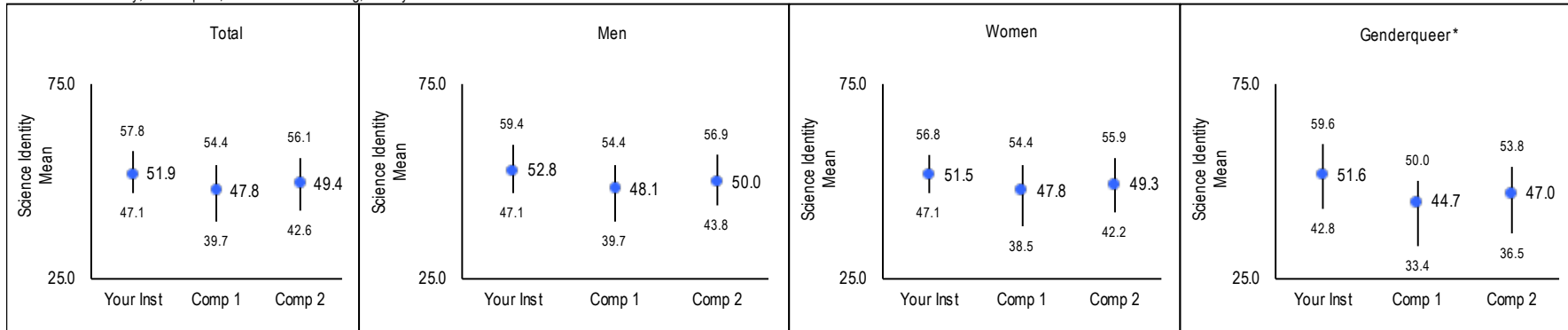
- \* Use technical science skills (use of tools, instruments, and/or techniques) (1.49)
- \* Generate an answerable research question (2.33)
- \* Determine how to collect appropriate data (2.82)
- \* Explain the results of a study (2.87)
- \* Use scientific literature to guide research (2.70)
- \* Integrate results from multiple studies (2.79)
- \* Ask relevant questions (1.73)
- \* Identify what is known and not known about a problem (1.95)
- \* Understand scientific concepts (2.40)
- \* See connections between different areas of science and mathematics (1.90)

Science Identity measures the extent to which students conceive of themselves as scientists.

| University of California-San Diego | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|------------------------------------|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|                                    | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                          | 725       | 1,105  | 1,830  | 236       | 347    | 583    | 470       | 721    | 1,191  | 16           | 33     | 49     |
| Mean                               | 51.9      | 47.8   | 49.4   | 52.8      | 48.1   | 50.0   | 51.5      | 47.8   | 49.3   | 51.6         | 44.7   | 47.0   |
| Standard deviation                 | 8.52      | 10.00  | 9.66   | 8.77      | 9.59   | 9.55   | 8.35      | 10.20  | 9.68   | 10.15        | 9.93   | 10.43  |
| Significance                       | -         | ***    | ***    | -         | ***    | ***    | -         | ***    | ***    | -            | *      |        |
| Effect size                        | -         | 0.42   | 0.26   | -         | 0.49   | 0.29   | -         | 0.36   | 0.23   | -            | 0.70   | 0.45   |
| 25th percentile                    | 47.1      | 39.7   | 42.6   | 47.1      | 39.7   | 43.8   | 47.1      | 38.5   | 42.2   | 42.8         | 33.4   | 36.5   |
| 75th percentile                    | 57.8      | 54.4   | 56.1   | 59.4      | 54.4   | 56.9   | 56.8      | 54.4   | 55.9   | 59.6         | 50.0   | 53.8   |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

- \* I have a strong sense of belonging to a community of scientists (3.52)
- \* I derive great personal satisfaction from working on a team that is doing important research (1.78)
- \* I think of myself as a scientist (5.54)
- \* I feel like I belong in the field of science (4.43)

### How to Read the CIRP Construct Percentage Reports

CIRP Constructs are designed to capture the experiences and outcomes institutions are often interested in understanding, but that present a measurement challenge because of their complex and multifaceted nature. To measure these broad underlying areas more precisely, we used Item Response Theory (IRT) to combine individual survey items into global measures that capture these areas. CIRP Constructs are more than a summation of related items; IRT uses response patterns to derive construct score estimates while simultaneously giving greater weight in the estimation process to survey items that tap into the construct more directly. This results in more accurate construct scores. Constructs are particularly useful for benchmarking. They allow you to determine if the experiences and outcomes for your students differ from your comparison groups. Two sets of reports are generated for CIRP Constructs. The Mean Report shows comparative information based on the mean score of a construct. The Percentage Report shows comparative information based on the percentage of students who score in the high, average, and low score group of a construct. We suggest you use the report that best fits your needs as an institution.

**CIRP Construct Definition** – Summarizes the theoretical rationale for creating the construct.

**Your Institution** – The first column is based on your institution's data.

**All Insts** – The comparison group is comprised of all participating Institutions.

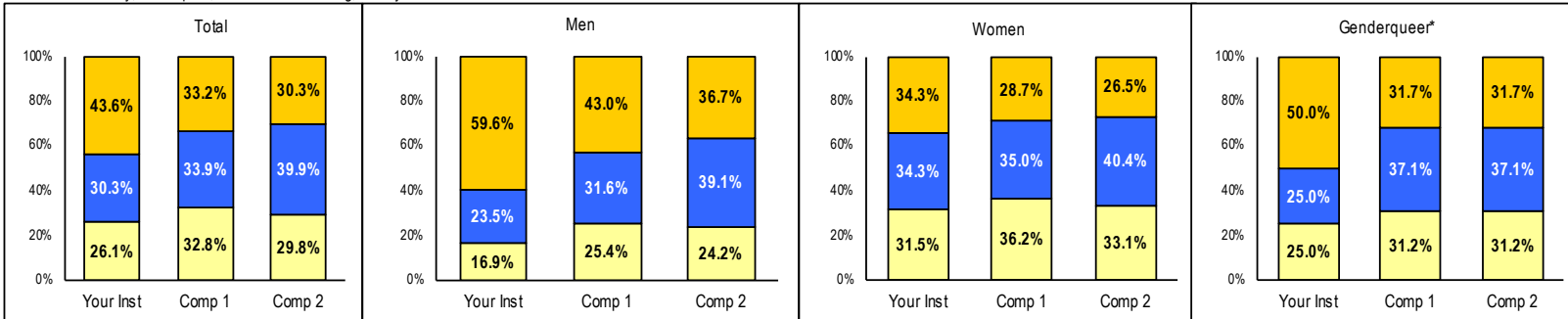
**Statistical Significance** – Uses a proportional difference test to examine the difference between the percentage of students in the high group for your institution and the percentage of students in the high group in the comparison group. Differences larger than what would be expected by chance are noted with one, two, or three stars, which correspond to the three standard levels of significance (\*p<.05, \*\*p<.01, \*\*\*p<.001). Statistical significance measures the extent to which a difference is occurring by chance, not the extent to which a difference is practically important. Large sample sizes (like those in the comparison groups) tend to generate statistical significance even though the magnitude of the difference might be small and not practically important.

**Academic Self-Concept** is a unified measure of students' beliefs about their abilities and confidence in academic environments.

| Sample University                        | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 1,361     | 4,996  | 14,835 | 503       | 1,586  | 5,527  | 858       | 3,410  | 9,308  | 14           | 205    | 155    |
| High Academic Self-Concept               | 43.6%     | 33.2%  | 30.3%  | 59.6%     | 43.0%  | 36.7%  | 34.3%     | 28.7%  | 26.5%  | 50.0%        | 31.7%  | 31.7%  |
| Average Academic Self-Concept            | 30.3%     | 33.9%  | 39.9%  | 23.5%     | 31.6%  | 39.1%  | 34.3%     | 35.0%  | 40.4%  | 25.0%        | 37.1%  | 37.1%  |
| Low Academic Self-Concept                | 26.1%     | 32.8%  | 29.8%  | 16.9%     | 25.4%  | 24.2%  | 31.5%     | 36.2%  | 33.1%  | 25.0%        | 31.2%  | 31.2%  |
| Significance (based on high score group) | -         | ***    | ***    | -         | ***    | ***    | -         |        | **     | -            |        | **     |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

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

- \* Academic ability (3.01)
- \* Self-confidence (intellectual) (1.51)
- \* Drive to achieve (1.18)
- \* Mathematical ability (1.14)

For more information about IRT and the CIRP Construct development process, see the CIRP Constructs Technical Report at [www.her.ucla.edu](http://www.her.ucla.edu)

**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.

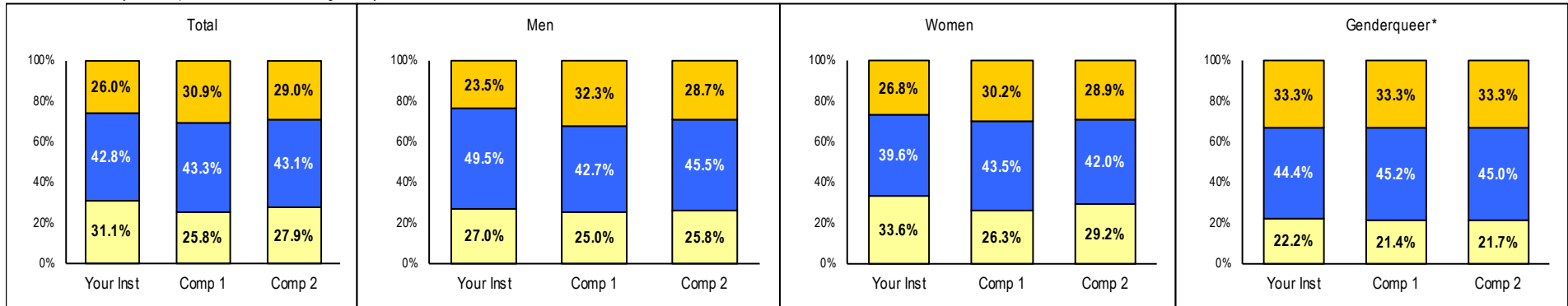
**Charts** – Provide a visual display of construct score group percentages for your institution and comparison group. CIRP Constructs have been scaled to a mean of 50 with a standard deviation of 10. "Low" represents students who scored one-half standard deviation or more below the mean (less than 45). "Average" represents students who scored within one-half standard deviation of the mean (45 to 55). "High" represents students who scored one-half standard deviation or more above the mean (higher than 55).

**Habits of Mind** is a unified measure of the behaviors and traits associated with academic success. These learning behaviors are seen as the foundation for lifelong learning.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 864       | 1,332  | 2,196  | 285       | 412    | 697    | 556       | 874    | 1,430  | 18           | 42     | 60     |
| High Habits of Mind                      | 26.0%     | 30.9%  | 29.0%  | 23.5%     | 32.3%  | 28.7%  | 26.8%     | 30.2%  | 28.9%  | 33.3%        | 33.3%  | 33.3%  |
| Average Habits of Mind                   | 42.8%     | 43.3%  | 43.1%  | 49.5%     | 42.7%  | 45.5%  | 39.6%     | 43.5%  | 42.0%  | 44.4%        | 45.2%  | 45.0%  |
| Low Habits of Mind                       | 31.1%     | 25.8%  | 27.9%  | 27.0%     | 25.0%  | 25.8%  | 33.6%     | 26.3%  | 29.2%  | 22.2%        | 21.4%  | 21.7%  |
| Significance (based on high score group) | -         | -      | -      | -         | -      | -      | -         | -      | -      | -            | -      | -      |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

How often in the past year did you:

\* Support your opinions with a logical argument (2.28)

\* Seek solutions to problems and explain them to others (2.20)

\* Look up scientific research articles and resources (1.48)

\* Explore topics on your own, even though it was not required for a class (1.81)

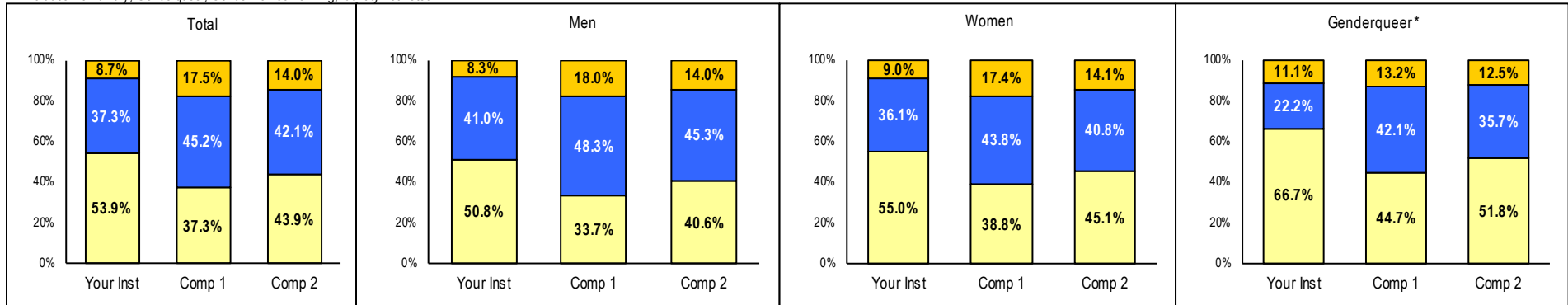
\* Accept mistakes as part of the learning process (0.89)

Academic Adjustment measures the ease with which students adjust to the academic demands of college.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 812       | 1,246  | 2,058  | 266       | 389    | 655    | 524       | 815    | 1,339  | 18           | 38     | 56     |
| High Academic Adjustment                 | 8.7%      | 17.5%  | 14.0%  | 8.3%      | 18.0%  | 14.0%  | 9.0%      | 17.4%  | 14.1%  | 11.1%        | 13.2%  | 12.5%  |
| Average Academic Adjustment              | 37.3%     | 45.2%  | 42.1%  | 41.0%     | 48.3%  | 45.3%  | 36.1%     | 43.8%  | 40.8%  | 22.2%        | 42.1%  | 35.7%  |
| Low Academic Adjustment                  | 53.9%     | 37.3%  | 43.9%  | 50.8%     | 33.7%  | 40.6%  | 55.0%     | 38.8%  | 45.1%  | 66.7%        | 44.7%  | 51.8%  |
| Significance (based on high score group) |           |        |        |           |        |        |           |        |        |              |        |        |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Since entering this college, how has it been to:

\* Understand what your professors expect of you academically (1.29)

\* Develop effective study skills (3.26)

\* Adjust to the academic demands of college (3.40)

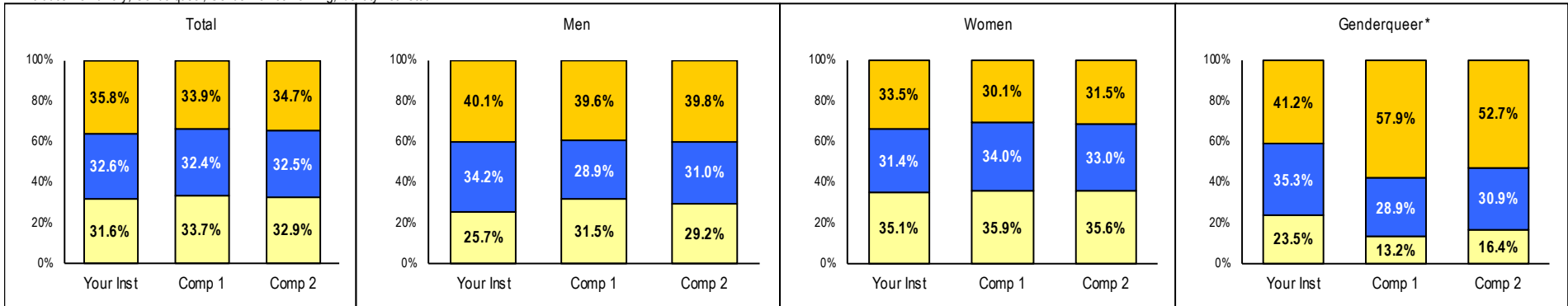
\* Manage your time effectively (2.70)

**Academic Disengagement** measures the extent to which students engage in behaviors that are inconsistent with academic success.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 797       | 1,226  | 2,023  | 257       | 381    | 638    | 519       | 803    | 1,322  | 17           | 38     | 55     |
| High Academic Disengagement              | 35.8%     | 33.9%  | 34.7%  | 40.1%     | 39.6%  | 39.8%  | 33.5%     | 30.1%  | 31.5%  | 41.2%        | 57.9%  | 52.7%  |
| Average Academic Disengagement           | 32.6%     | 32.4%  | 32.5%  | 34.2%     | 28.9%  | 31.0%  | 31.4%     | 34.0%  | 33.0%  | 35.3%        | 28.9%  | 30.9%  |
| Low Academic Disengagement               | 31.6%     | 33.7%  | 32.9%  | 25.7%     | 31.5%  | 29.2%  | 35.1%     | 35.9%  | 35.6%  | 23.5%        | 13.2%  | 16.4%  |
| Significance (based on high score group) | -         | -      | -      | -         | -      | -      | -         | -      | -      | -            | -      | -      |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

\* Been late to class (1.47)

\* Turned in course assignment(s) late (1.33)

\* Turned in course assignments that did not reflect your best work (1.22)

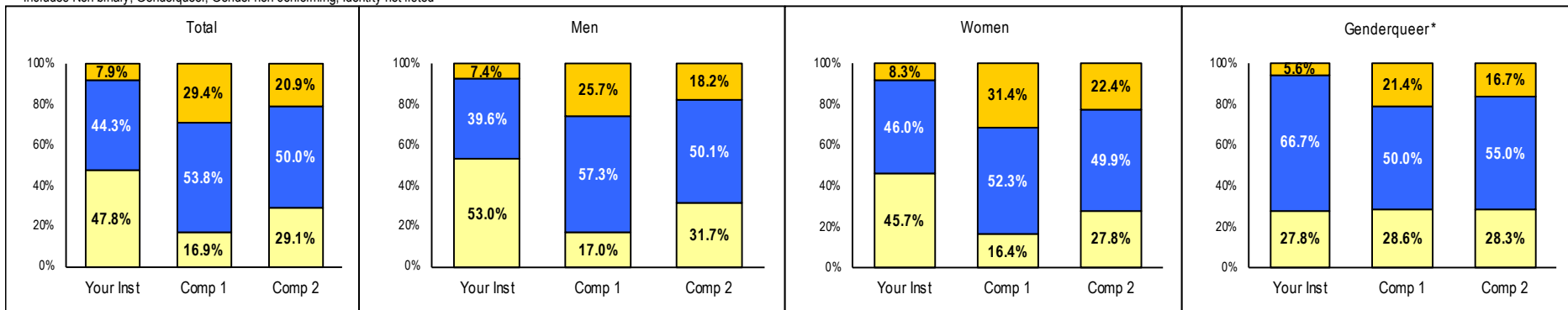


**Faculty Interaction: Contact and Communication** measures the amount and type of contact students have with faculty that is appropriate for the first year of college, as well as satisfaction with these issues.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 864       | 1,332  | 2,196  | 285       | 412    | 697    | 556       | 874    | 1,430  | 18           | 42     | 60     |
| High Faculty Interaction                 | 7.9%      | 29.4%  | 20.9%  | 7.4%      | 25.7%  | 18.2%  | 8.3%      | 31.4%  | 22.4%  | 5.6%         | 21.4%  | 16.7%  |
| Average Faculty Interaction              | 44.3%     | 53.8%  | 50.0%  | 39.6%     | 57.3%  | 50.1%  | 46.0%     | 52.3%  | 49.9%  | 66.7%        | 50.0%  | 55.0%  |
| Low Faculty Interaction                  | 47.8%     | 16.9%  | 29.1%  | 53.0%     | 17.0%  | 31.7%  | 45.7%     | 16.4%  | 27.8%  | 27.8%        | 28.6%  | 28.3%  |
| Significance (based on high score group) | -         | ***    | *      | -         |        |        | -         | **     | *      | -            |        |        |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

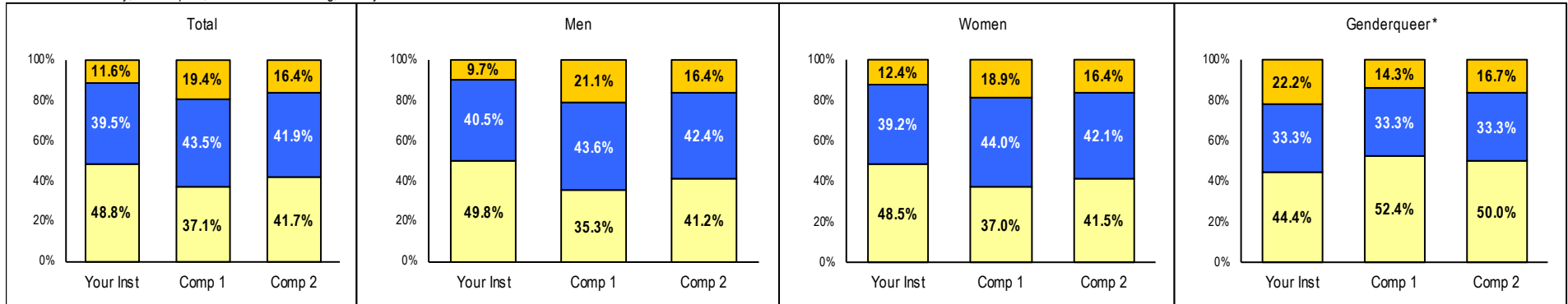
- \* Faculty during office hours (1.38)
- \* Asked a professor for advice after class (1.83)
- \* Communicated regularly with your professors (2.79)
- \* Amount of contact with faculty (1.12)
- \* Faculty outside of class or office hours (1.19)

Overall Satisfaction is a unified measure of students' satisfaction with the college experience.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 850       | 1,315  | 2,165  | 279       | 408    | 687    | 549       | 861    | 1,410  | 18           | 42     | 60     |
| High Overall Satisfaction                | 11.6%     | 19.4%  | 16.4%  | 9.7%      | 21.1%  | 16.4%  | 12.4%     | 18.9%  | 16.4%  | 22.2%        | 14.3%  | 16.7%  |
| Average Overall Satisfaction             | 39.5%     | 43.5%  | 41.9%  | 40.5%     | 43.6%  | 42.4%  | 39.2%     | 44.0%  | 42.1%  | 33.3%        | 33.3%  | 33.3%  |
| Low Overall Satisfaction                 | 48.8%     | 37.1%  | 41.7%  | 49.8%     | 35.3%  | 41.2%  | 48.5%     | 37.0%  | 41.5%  | 44.4%        | 52.4%  | 50.0%  |
| Significance (based on high score group) | -         |        |        | -         |        |        | -         |        |        | -            |        |        |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Please rate your satisfaction with your college in each area:

\* Your overall academic experience (2.21)

\* Overall college experience (2.97)

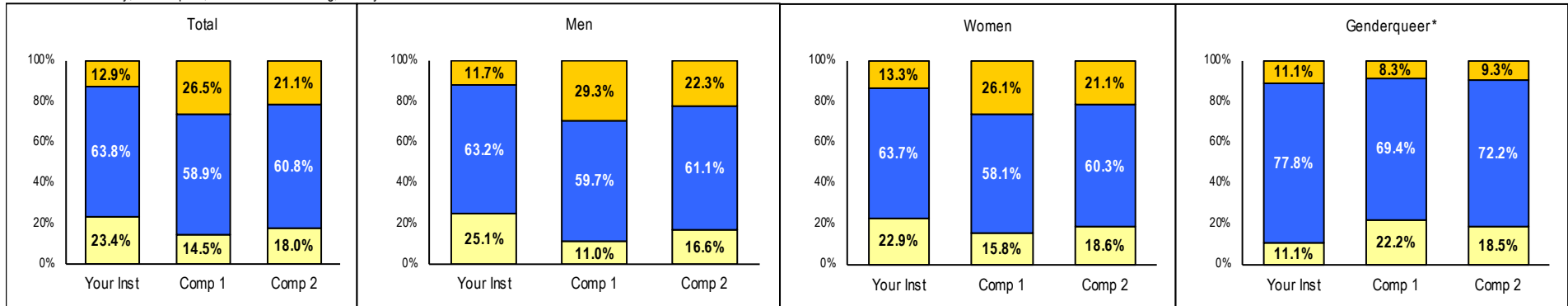
\* If you could make your college choice over, would you still choose to enroll at your current (or most recent) college? (1.57)

Sense of Belonging measures the extent to which students feel a sense of academic and social integration on campus.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 770       | 1,183  | 1,953  | 247       | 372    | 619    | 502       | 771    | 1,273  | 18           | 36     | 54     |
| High Sense of Belonging                  | 12.9%     | 26.5%  | 21.1%  | 11.7%     | 29.3%  | 22.3%  | 13.3%     | 26.1%  | 21.1%  | 11.1%        | 8.3%   | 9.3%   |
| Average Sense of Belonging               | 63.8%     | 58.9%  | 60.8%  | 63.2%     | 59.7%  | 61.1%  | 63.7%     | 58.1%  | 60.3%  | 77.8%        | 69.4%  | 72.2%  |
| Low Sense of Belonging                   | 23.4%     | 14.5%  | 18.0%  | 25.1%     | 11.0%  | 16.6%  | 22.9%     | 15.8%  | 18.6%  | 11.1%        | 22.2%  | 18.5%  |
| Significance (based on high score group) | -         | **     |        | -         |        |        | -         | *      |        | -            |        |        |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Please indicate the extent to which you agree or disagree with the following statements:

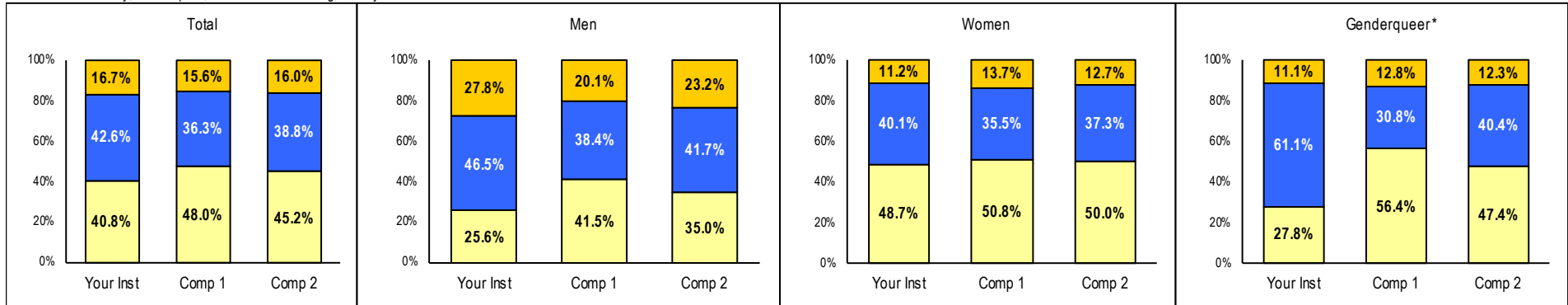
- \* I see myself as part of the campus community (4.65)
- \* I feel I am a member of this college (8.00)
- \* I feel a sense of belonging to this campus (7.11)
- \* If asked, I would recommend this college to others (3.99)

**Academic Self-Concept** is a unified measure of students' beliefs about their abilities and confidence in academic environments.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 834       | 1,274  | 2,108  | 273       | 398    | 671    | 538       | 833    | 1,371  | 18           | 39     | 57     |
| High Academic Self-Concept               | 16.7%     | 15.6%  | 16.0%  | 27.8%     | 20.1%  | 23.2%  | 11.2%     | 13.7%  | 12.7%  | 11.1%        | 12.8%  | 12.3%  |
| Average Academic Self-Concept            | 42.6%     | 36.3%  | 38.8%  | 46.5%     | 38.4%  | 41.7%  | 40.1%     | 35.5%  | 37.3%  | 61.1%        | 30.8%  | 40.4%  |
| Low Academic Self-Concept                | 40.8%     | 48.0%  | 45.2%  | 25.6%     | 41.5%  | 35.0%  | 48.7%     | 50.8%  | 50.0%  | 27.8%        | 56.4%  | 47.4%  |
| Significance (based on high score group) | -         | -      | -      | -         | -      | -      | -         | -      | -      | -            | -      | -      |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

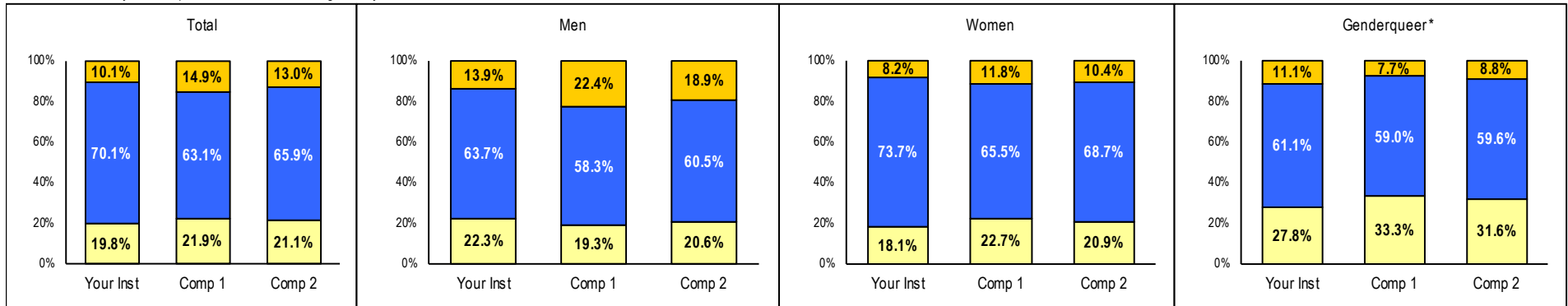
- \* Academic ability (4.02)
- \* Mathematical ability (2.69)
- \* Self-confidence (intellectual) (1.90)
- \* Drive to achieve (1.72)

**Social Self-Concept** is a unified measure of students' beliefs about their abilities and confidence in social situations.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 833       | 1,272  | 2,105  | 273       | 398    | 671    | 537       | 832    | 1,369  | 18           | 39     | 57     |
| High Social Self-Concept                 | 10.1%     | 14.9%  | 13.0%  | 13.9%     | 22.4%  | 18.9%  | 8.2%      | 11.8%  | 10.4%  | 11.1%        | 7.7%   | 8.8%   |
| Average Social Self-Concept              | 70.1%     | 63.1%  | 65.9%  | 63.7%     | 58.3%  | 60.5%  | 73.7%     | 65.5%  | 68.7%  | 61.1%        | 59.0%  | 59.6%  |
| Low Social Self-Concept                  | 19.8%     | 21.9%  | 21.1%  | 22.3%     | 19.3%  | 20.6%  | 18.1%     | 22.7%  | 20.9%  | 27.8%        | 33.3%  | 31.6%  |
| Significance (based on high score group) | -         | -      | -      | -         | -      | -      | -         | -      | -      | -            | -      | -      |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Rate yourself on each of the following traits as compared with the average person your age. We want the most accurate estimate of how you see yourself.

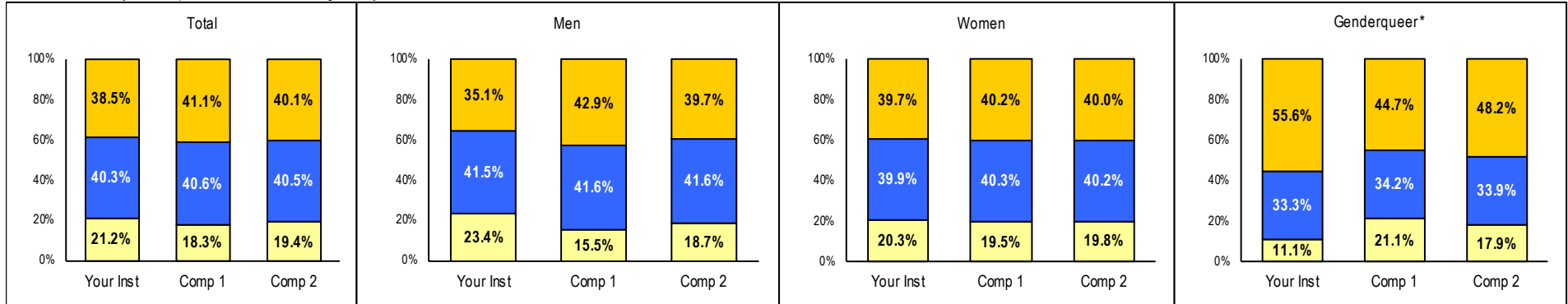
- \* Leadership ability (1.88)
- \* Public speaking ability (2.48)
- \* Self-confidence (social) (3.53)

Pluralistic Orientation measures skills and dispositions appropriate for living and working in a diverse society.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 808       | 1,238  | 2,046  | 265       | 387    | 652    | 521       | 809    | 1,330  | 18           | 38     | 56     |
| High Pluralistic Orientation             | 38.5%     | 41.1%  | 40.1%  | 35.1%     | 42.9%  | 39.7%  | 39.7%     | 40.2%  | 40.0%  | 55.6%        | 44.7%  | 48.2%  |
| Average Pluralistic Orientation          | 40.3%     | 40.6%  | 40.5%  | 41.5%     | 41.6%  | 41.6%  | 39.9%     | 40.3%  | 40.2%  | 33.3%        | 34.2%  | 33.9%  |
| Low Pluralistic Orientation              | 21.2%     | 18.3%  | 19.4%  | 23.4%     | 15.5%  | 18.7%  | 20.3%     | 19.5%  | 19.8%  | 11.1%        | 21.1%  | 17.9%  |
| Significance (based on high score group) | -         | -      | -      | -         | -      | -      | -         | -      | -      | -            | -      | -      |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

How would you rate yourself in the following areas:

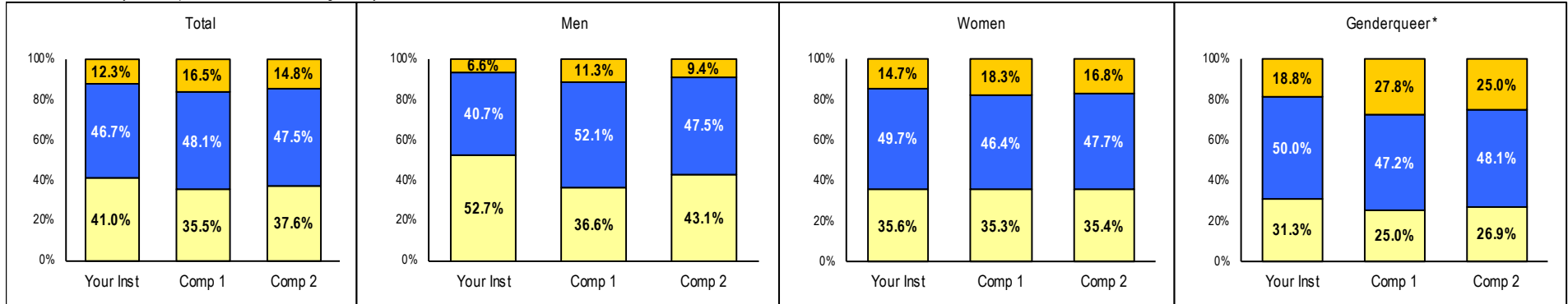
- \* Ability to discuss and negotiate controversial issues (2.57)
- \* Ability to see the world from someone else's perspective (2.43)
- \* Ability to work cooperatively with diverse people (2.74)
- \* Openness to having my own views challenged (2.44)
- \* Tolerance of others with different beliefs (3.01)

Positive Cross-Racial Interaction is a unified measure of students' level of positive interaction with diverse peers.

| University of California-San Diego        | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|---|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|   | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                 | 754       | 1,159  | 1,913  | 243       | 363    | 606    | 491       | 756    | 1,247  | 16           | 36     | 52     |
| High Positive Cross-Racial Interaction    | 12.3%     | 16.5%  | 14.8%  | 6.6%      | 11.3%  | 9.4%   | 14.7%     | 18.3%  | 16.8%  | 18.8%        | 27.8%  | 25.0%  |
| Average Positive Cross-Racial Interaction | 46.7%     | 48.1%  | 47.5%  | 40.7%     | 52.1%  | 47.5%  | 49.7%     | 46.4%  | 47.7%  | 50.0%        | 47.2%  | 48.1%  |
| Low Positive Cross-Racial Interaction     | 41.0%     | 35.5%  | 37.6%  | 52.7%     | 36.6%  | 43.1%  | 35.6%     | 35.3%  | 35.4%  | 31.3%        | 25.0%  | 26.9%  |
| Significance (based on high score group)  | -         | -      | -      | -         | -      | -      | -         | -      | -      | -            | -      | -      |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

To what extent have you experienced the following with students from a racial/ethnic group other than your own?

\* Shared personal feelings and problems (3.08)

\* Had meaningful and honest discussions about race/ethnic relations outside of class (2.59)

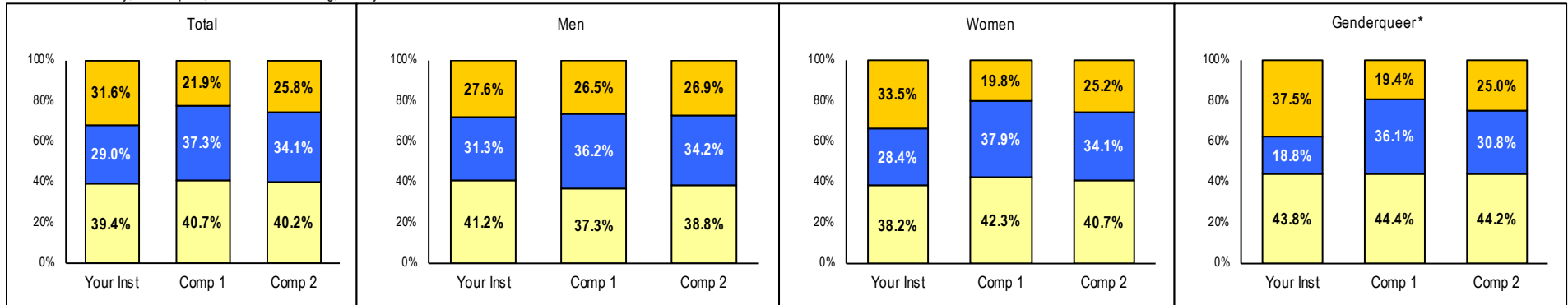
\* Socialized or partied (2.05)

Negative Cross-Racial Interaction is a unified measure of students' level of negative interaction with diverse peers.

| University of California-San Diego        | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|---|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|   | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                 | 752       | 1,154  | 1,906  | 243       | 362    | 605    | 490       | 752    | 1,242  | 16           | 36     | 52     |
| High Negative Cross-Racial Interaction    | 31.6%     | 21.9%  | 25.8%  | 27.6%     | 26.5%  | 26.9%  | 33.5%     | 19.8%  | 25.2%  | 37.5%        | 19.4%  | 25.0%  |
| Average Negative Cross-Racial Interaction | 29.0%     | 37.3%  | 34.1%  | 31.3%     | 36.2%  | 34.2%  | 28.4%     | 37.9%  | 34.1%  | 18.8%        | 36.1%  | 30.8%  |
| Low Negative Cross-Racial Interaction     | 39.4%     | 40.7%  | 40.2%  | 41.2%     | 37.3%  | 38.8%  | 38.2%     | 42.3%  | 40.7%  | 43.8%        | 44.4%  | 44.2%  |
| Significance (based on high score group)  | -         | *      |        | -         |        |        | -         | **     |        | -            |        |        |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

To what extent have you experienced the following with students from a racial/ethnic group other than your own?

- \* Had guarded, cautious interactions (1.49)
- \* Had tense, somewhat hostile interactions (2.23)
- \* Felt insulted or threatened because of your race/ethnicity (8.30)
- \* Felt ignored or invisible because of your race/ethnicity (3.96)

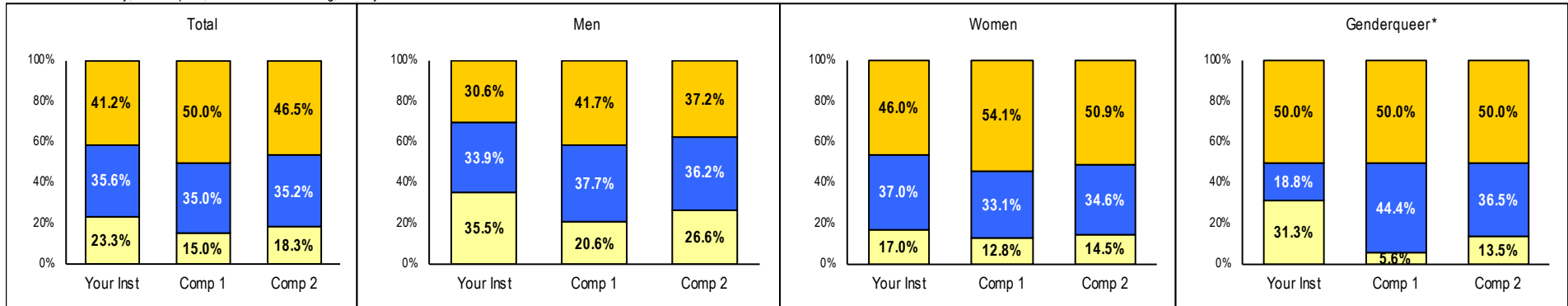


**Social Agency** measures the extent to which students value political and social involvement as a personal goal.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 748       | 1,129  | 1,877  | 242       | 355    | 597    | 487       | 734    | 1,221  | 16           | 36     | 52     |
| High Social Agency                       | 41.2%     | 50.0%  | 46.5%  | 30.6%     | 41.7%  | 37.2%  | 46.0%     | 54.1%  | 50.9%  | 50.0%        | 50.0%  | 50.0%  |
| Average Social Agency                    | 35.6%     | 35.0%  | 35.2%  | 33.9%     | 37.7%  | 36.2%  | 37.0%     | 33.1%  | 34.6%  | 18.8%        | 44.4%  | 36.5%  |
| Low Social Agency                        | 23.3%     | 15.0%  | 18.3%  | 35.5%     | 20.6%  | 26.6%  | 17.0%     | 12.8%  | 14.5%  | 31.3%        | 5.6%   | 13.5%  |
| Significance (based on high score group) | -         | *      |        | -         |        |        | -         |        |        | -            |        |        |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Indicate the importance to you personally of each of the following:

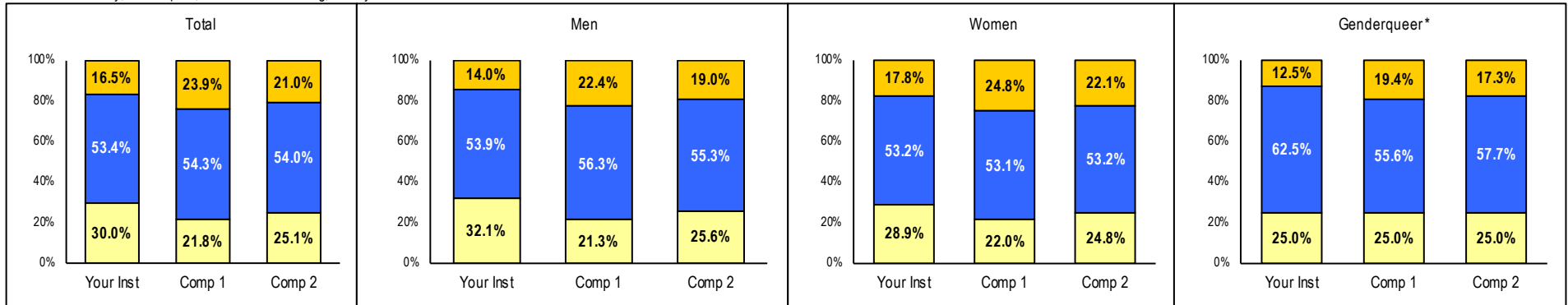
- \* Influencing social values (1.78)
- \* Helping others who are in difficulty (1.71)
- \* Participating in a community action program (2.86)
- \* Helping to promote racial understanding (2.77)
- \* Keeping up to date with political affairs (2.15)
- \* Becoming a community leader (2.65)

**Civic Awareness** measures changes in students' understanding of the issues facing their community, nation, and the world.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 756       | 1,168  | 1,924  | 243       | 366    | 609    | 494       | 762    | 1,256  | 16           | 36     | 52     |
| High Civic Awareness                     | 16.5%     | 23.9%  | 21.0%  | 14.0%     | 22.4%  | 19.0%  | 17.8%     | 24.8%  | 22.1%  | 12.5%        | 19.4%  | 17.3%  |
| Average Civic Awareness                  | 53.4%     | 54.3%  | 54.0%  | 53.9%     | 56.3%  | 55.3%  | 53.2%     | 53.1%  | 53.2%  | 62.5%        | 55.6%  | 57.7%  |
| Low Civic Awareness                      | 30.0%     | 21.8%  | 25.1%  | 32.1%     | 21.3%  | 25.6%  | 28.9%     | 22.0%  | 24.8%  | 25.0%        | 25.0%  | 25.0%  |
| Significance (based on high score group) | -         | -      | -      | -         | -      | -      | -         | -      | -      | -            | -      | -      |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Please rate your agreement with the following statements: This institution has contributed to my:

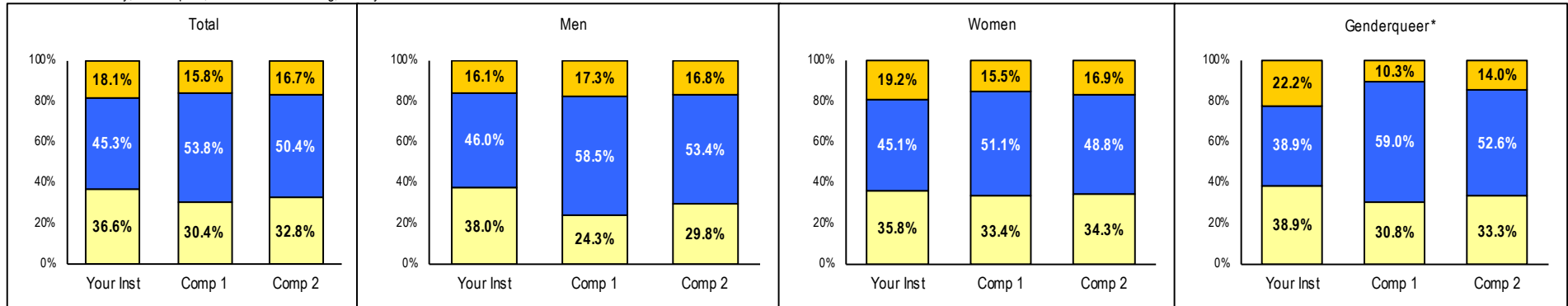
- \* Understanding of national issues (6.51)
- \* Understanding the problems facing my community (2.39)
- \* Understanding of global issues (5.18)

Leadership is a unified measure of students' beliefs about their leadership development and capability and their experiences as a leader.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 834       | 1,276  | 2,110  | 274       | 400    | 674    | 537       | 833    | 1,370  | 18           | 39     | 57     |
| High Leadership                          | 18.1%     | 15.8%  | 16.7%  | 16.1%     | 17.3%  | 16.8%  | 19.2%     | 15.5%  | 16.9%  | 22.2%        | 10.3%  | 14.0%  |
| Average Leadership                       | 45.3%     | 53.8%  | 50.4%  | 46.0%     | 58.5%  | 53.4%  | 45.1%     | 51.1%  | 48.8%  | 38.9%        | 59.0%  | 52.6%  |
| Low Leadership                           | 36.6%     | 30.4%  | 32.8%  | 38.0%     | 24.3%  | 29.8%  | 35.8%     | 33.4%  | 34.3%  | 38.9%        | 30.8%  | 33.3%  |
| Significance (based on high score group) | -         |        |        | -         |        |        | -         |        |        | -            |        |        |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

\* Self-rated leadership ability (1.20)

Please indicate the extent to which you agree or disagree with the following statements:

\* I have effectively led a group to a common purpose (1.49)

Since entering this college have you:

\* Been a leader in an organization (2.38)

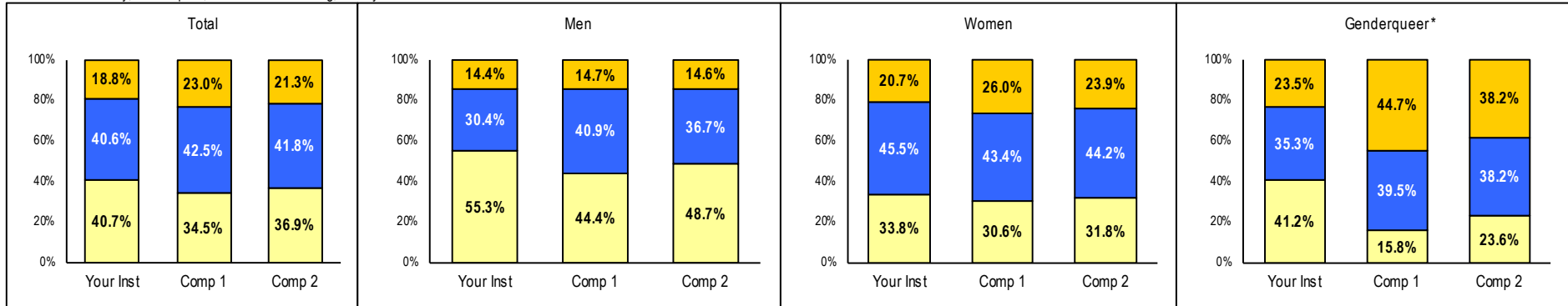
\* Participated in leadership training (1.57)

**Civic Engagement** measures the extent to which students are motivated and involved in civic, electoral, and political activities.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 799       | 1,227  | 2,026  | 257       | 381    | 638    | 521       | 804    | 1,325  | 17           | 38     | 55     |
| High Civic Engagement                    | 18.8%     | 23.0%  | 21.3%  | 14.4%     | 14.7%  | 14.6%  | 20.7%     | 26.0%  | 23.9%  | 23.5%        | 44.7%  | 38.2%  |
| Average Civic Engagement                 | 40.6%     | 42.5%  | 41.8%  | 30.4%     | 40.9%  | 36.7%  | 45.5%     | 43.4%  | 44.2%  | 35.3%        | 39.5%  | 38.2%  |
| Low Civic Engagement                     | 40.7%     | 34.5%  | 36.9%  | 55.3%     | 44.4%  | 48.7%  | 33.8%     | 30.6%  | 31.8%  | 41.2%        | 15.8%  | 23.6%  |
| Significance (based on high score group) | -         | -      | -      | -         | -      | -      | -         | -      | -      | -            | -      | -      |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

Since entering this college, how often have you:

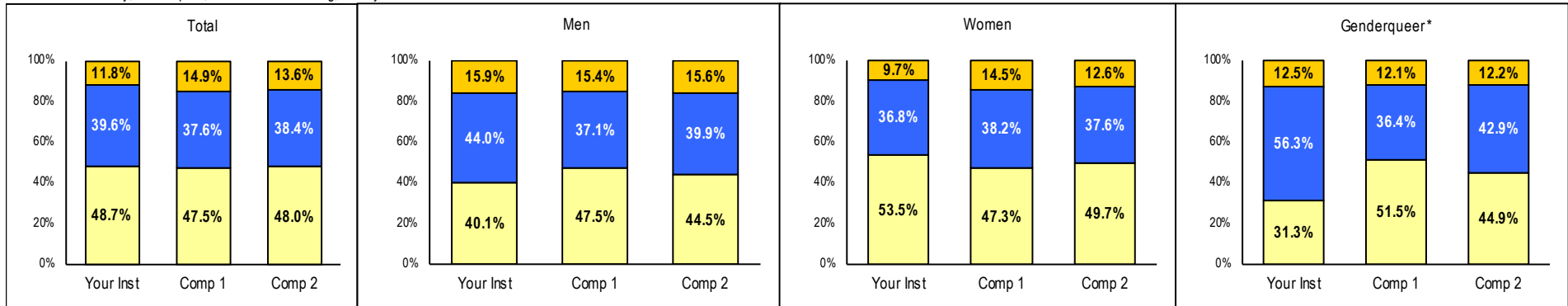
- \* Publicly communicated your opinion about a cause (e.g., blog, email, petition) (1.61)
- \* Demonstrated for a cause (e.g., boycott, rally, protest) (1.56)
- \* Worked on a local, state, or national political campaign (1.54)
- \* Keeping up to date with political affairs (1.70)
- \* Influencing social values (1.30)
- \* Helped raise money for a cause or campaign (0.95)
- \* Performed volunteer work (0.65)

Science Self-Efficacy is a measure of students' confidence in their ability to conduct scientific research.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 713       | 1,076  | 1,789  | 232       | 337    | 569    | 462       | 702    | 1,164  | 16           | 33     | 49     |
| High Science Self-Efficacy               | 11.8%     | 14.9%  | 13.6%  | 15.9%     | 15.4%  | 15.6%  | 9.7%      | 14.5%  | 12.6%  | 12.5%        | 12.1%  | 12.2%  |
| Average Science Self-Efficacy            | 39.6%     | 37.6%  | 38.4%  | 44.0%     | 37.1%  | 39.9%  | 36.8%     | 38.2%  | 37.6%  | 56.3%        | 36.4%  | 42.9%  |
| Low Science Self-Efficacy                | 48.7%     | 47.5%  | 48.0%  | 40.1%     | 47.5%  | 44.5%  | 53.5%     | 47.3%  | 49.7%  | 31.3%        | 51.5%  | 44.9%  |
| Significance (based on high score group) | -         |        |        | -         |        |        | -         |        |        | -            |        |        |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



**Survey items and estimation "weights":**

To what extent are the following statements true to you:

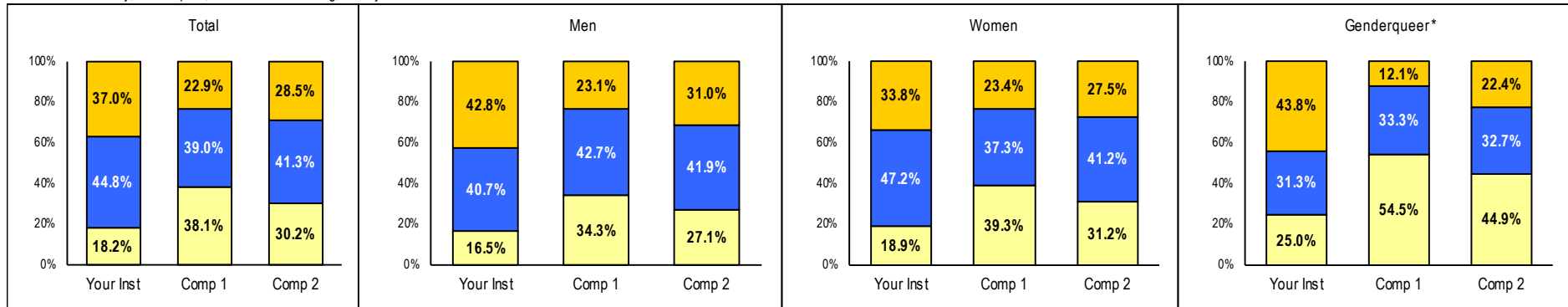
- \* Use technical science skills (use of tools, instruments, and/or techniques) (1.49)
- \* Generate an answerable research question (2.33)
- \* Determine how to collect appropriate data (2.82)
- \* Explain the results of a study (2.87)
- \* Use scientific literature to guide research (2.70)
- \* Integrate results from multiple studies (2.79)
- \* Ask relevant questions (1.73)
- \* Identify what is known and not known about a problem (1.95)
- \* Understand scientific concepts (2.40)
- \* See connections between different areas of science and mathematics (1.90)

Science Identity measures the extent to which students conceive of themselves as scientists.

| University of California-San Diego       | Total     |        |        | Men       |        |        | Women     |        |        | Genderqueer* |        |        |
|--|-----------|--------|--------|-----------|--------|--------|-----------|--------|--------|--------------|--------|--------|
|  | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst | Comp 1 | Comp 2 | Your Inst    | Comp 1 | Comp 2 |
| Total (n)                                | 725       | 1,105  | 1,830  | 236       | 347    | 583    | 470       | 721    | 1,191  | 16           | 33     | 49     |
| High Science Self Identity               | 37.0%     | 22.9%  | 28.5%  | 42.8%     | 23.1%  | 31.0%  | 33.8%     | 23.4%  | 27.5%  | 43.8%        | 12.1%  | 22.4%  |
| Average Science Self Identity            | 44.8%     | 39.0%  | 41.3%  | 40.7%     | 42.7%  | 41.9%  | 47.2%     | 37.3%  | 41.2%  | 31.3%        | 33.3%  | 32.7%  |
| Low Science Self Identity                | 18.2%     | 38.1%  | 30.2%  | 16.5%     | 34.3%  | 27.1%  | 18.9%     | 39.3%  | 31.2%  | 25.0%        | 54.5%  | 44.9%  |
| Significance (based on high score group) | -         | ***    | *      | -         | **     | *      | -         | *      |        | -            |        |        |

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

\* Includes Non-binary, Genderqueer, Gender non-conforming, Identity not listed



Survey items and estimation "weights":

- \* I have a strong sense of belonging to a community of scientists (3.52)
- \* I derive great personal satisfaction from working on a team that is doing important research (1.78)
- \* I think of myself as a scientist (5.54)
- \* I feel like I belong in the field of science (4.43)