



HIGHER EDUCATION RESEARCH INSTITUTE AT UCLA  
HOME OF THE COOPERATIVE INSTITUTIONAL RESEARCH PROGRAM

# 2022 CIRP Freshman Survey

CIRP Construct Reports

First-time, Full-time Freshmen

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## Montclair State University

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Comparison group 1: Public Universities-medium/high selectivity  
Comparison group 2: All Public 4yr Colleges

**Table of Contents**

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**1. CIRP Construct Mean Reports**

How to Read the CIRP Construct Mean Reports	<a href="#">H1</a>
a. Habits of Mind	<a href="#">1A</a>
b. Academic Self-Concept	<a href="#">1B</a>
c. Social Self-Concept	<a href="#">1C</a>
d. Pluralistic Orientation	<a href="#">1D</a>
e. Social Agency	<a href="#">1E</a>
f. Civic Engagement	<a href="#">1F</a>
g. College Reputation Orientation	<a href="#">1G</a>
h. Likelihood of College Involvement	<a href="#">1H</a>

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**2. CIRP Construct Percentage Reports**

How to Read the CIRP Construct Percentage Reports	<a href="#">H2</a>
a. Habits of Mind	<a href="#">2A</a>
b. Academic Self-Concept	<a href="#">2B</a>
c. Social Self-Concept	<a href="#">2C</a>
d. Pluralistic Orientation	<a href="#">2D</a>
e. Social Agency	<a href="#">2E</a>
f. Civic Engagement	<a href="#">2F</a>
g. College Reputation Orientation	<a href="#">2G</a>
h. Likelihood of College Involvement	<a href="#">2H</a>

## How to Read the CIRP Construct Mean Report

CIRP Constructs are designed to capture the experiences and outcomes institutions are often interested in understanding, but that presents a measurement challenge because of their complex and multifaceted nature. To measure these broad underlying areas more precisely, we use 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 reports are generated for each CIRP Construct. The Mean Score 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 groups of a construct. We suggest you use the report that best fits your needs as an institution. Both CIRP Construct reports are generated for first-time, full-time freshmen, which we define as those respondents who first entered college in 2022 and are currently enrolled full-time. For more information about IRT and the CIRP Construct development process, see the CIRP Construct Technical Report at <https://www.heri.ucla.edu/PDFs/constructs/technicalreport.pdf>.

**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.

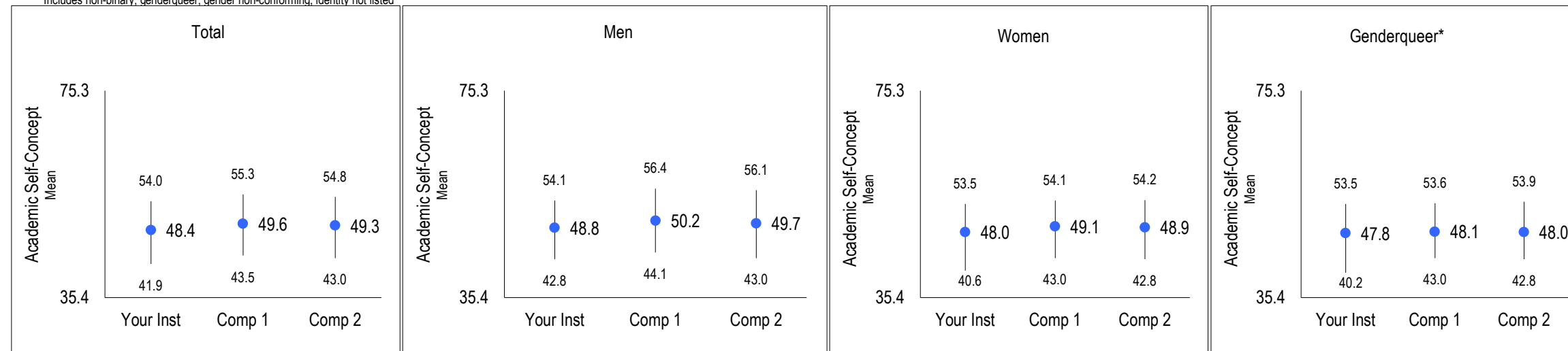
**Statistical Significance** – Uses t-test to examine the difference between the mean construct score for your institution and the comparison group. Constructs with mean differences that are larger than would be expected by chance are noted with one, two, or three stars, which correspond to the three 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 practically 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)	619	21,085	42,939	300	10,706	19,535	319	10,379	23,404	19	105	214
Mean	48.4	49.6	49.3	48.8	50.2	49.7	48.0	49.1	48.9	47.8	48.1	48.0
Standard Deviation	8.74	8.55	8.85	8.67	8.67	8.97	8.80	8.41	8.74	8.80	8.41	8.74
Significance	-	***	*	-	**		-	*		-	*	
Effect Size	-	-0.14	-0.10	-	-0.16	-0.10	-	-0.12	-0.10	-	-0.12	-0.10
25th percentile	41.9	43.5	43.0	42.8	44.1	43.0	40.6	43.0	42.8	40.2	43.0	42.8
75th percentile	54.0	55.3	54.8	54.1	56.4	56.1	53.5	54.1	54.2	53.5	53.6	53.9

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 (3.52)
- \* Self-confidence - (intellectual) (1.22)
- \* Drive to achieve (0.95)
- \* Mathematical ability (1.22)

**Survey Items and Estimation "Weights"** – The survey items used in the creation of the CIRP Construct are presented 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 two comparison groups. The Y axis is defined by the highest and lowest possible construct score. Mean scores are represented by blue circles. The numbers at the top and bottom of the vertical line are values for the 75th and 25th percentiles.

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

**Comp 2** – The second comparison group is based on your institution's type and control.

**Mean** – The arithmetic mean is computed for each CIRP Construct based on the construct score. CIRP Constructs are scored on a z-score metric and rescaled for a mean of approximately 50 and 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.

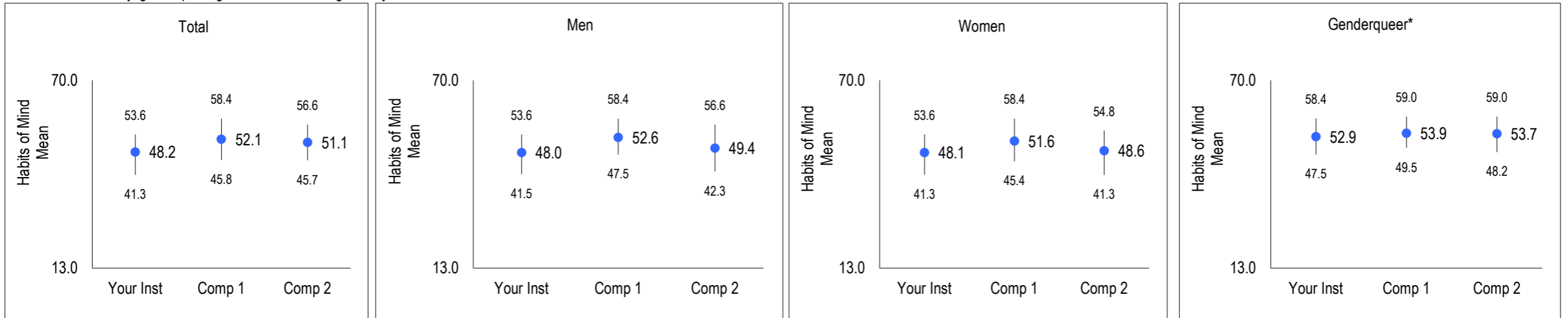
**2022 CIRP Freshman Survey**  
**First-time, Full-time Freshmen**  
**Habits of Mind**  
**CIRP Construct Mean Report**

**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.

Montclair State 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)	1,040	6,487	3,423	361	2,449	705	641	3,783	1,100	37	242	95
Mean	48.2	52.1	51.1	48.0	52.6	49.4	48.1	51.6	48.6	52.9	53.9	53.7
Standard Deviation	8.71	8.19	7.96	8.70	8.06	9.20	8.75	8.24	8.89	6.83	7.86	7.69
Significance	-	***	***	-	***	*	-	***		-		
Effect Size	-	-0.47	-0.36	-	-0.57	-0.15	-	-0.43	-0.06	-	-0.13	-0.11
25th percentile	41.3	45.8	45.7	41.5	47.5	42.3	41.3	45.4	41.3	47.5	49.5	48.2
75th percentile	53.6	58.4	56.6	53.6	58.4	56.6	53.6	58.4	54.8	58.4	59.0	59.0

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 (1.81)
- \* Seek solutions to problems and explain them to others (2.17)
- \* Look up scientific research articles and resources (1.71)
- \* Explore topics on your own, even though it was not required for a class (1.09)
- \* Accept mistakes as part of the learning process (1.24)

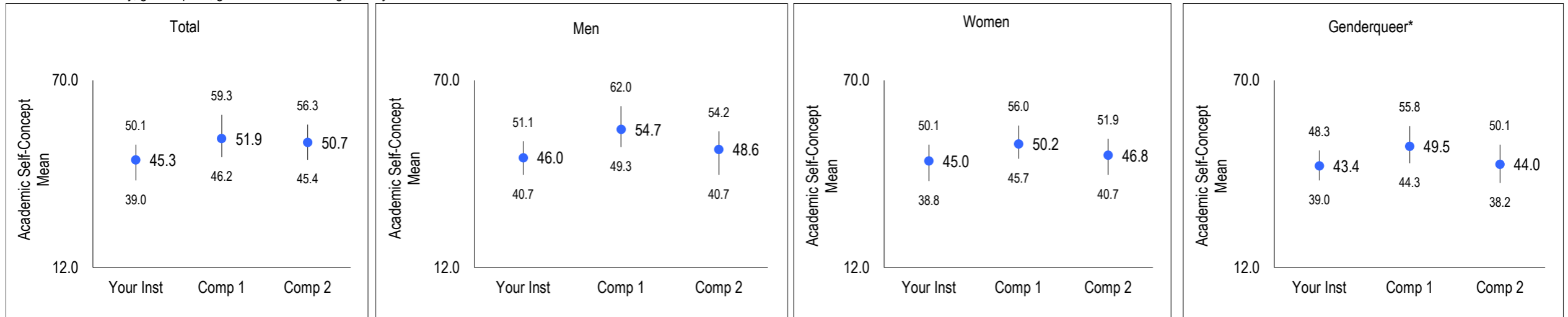
**2022 CIRP Freshman Survey**  
**First-time, Full-time Freshmen**  
**Academic Self-Concept**  
**CIRP Construct Mean Report**

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

Montclair State 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)	1,010	6,411	3,383	348	2,421	692	625	3,737	1,080	36	240	93
Mean	45.3	51.9	50.7	46.0	54.7	48.6	45.0	50.2	46.8	43.4	49.5	44.0
Standard Deviation	7.97	9.12	8.60	7.69	9.04	9.27	8.13	8.66	8.65	7.37	9.63	9.04
Significance	-	***	***	-	***	***	-	***	***	-	***	***
Effect Size	-	-0.73	-0.63	-	-0.97	-0.28	-	-0.60	-0.20	-	-0.63	-0.06
25th percentile	39.0	46.2	45.4	40.7	49.3	40.7	38.8	45.7	40.7	39.0	44.3	38.2
75th percentile	50.1	59.3	56.3	51.1	62.0	54.2	50.1	56.0	51.9	48.3	55.8	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:

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

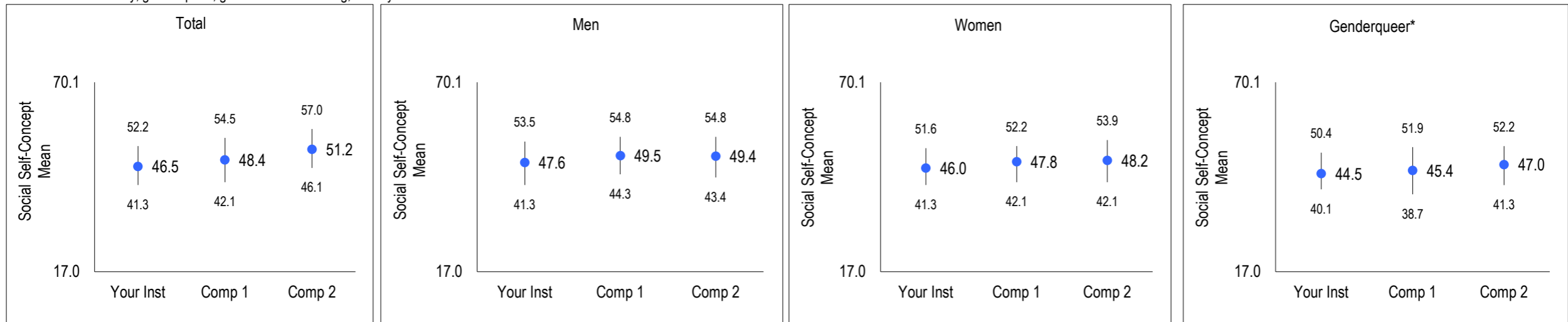
**2022 CIRP Freshman Survey**  
**First-time, Full-time Freshmen**  
**Social Self-Concept**  
**CIRP Construct Mean Report**

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

Montclair State 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)	1,010	6,410	3,382	348	2,421	692	625	3,736	1,079	36	240	93
Mean	46.5	48.4	51.2	47.6	49.5	49.4	46.0	47.8	48.2	44.5	45.4	47.0
Standard Deviation	8.44	8.38	8.08	8.53	8.62	9.03	8.38	8.08	8.57	7.36	8.82	9.91
Significance	-	***	***	-	***	**	-	***	***	-	-	-
Effect Size	-	-0.22	-0.59	-	-0.23	-0.20	-	-0.22	-0.26	-	-0.10	-0.25
25th percentile	41.3	42.1	46.1	41.3	44.3	43.4	41.3	42.1	42.1	40.1	38.7	41.3
75th percentile	52.2	54.5	57.0	53.5	54.8	54.8	51.6	52.2	53.9	50.4	51.9	52.2

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:

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

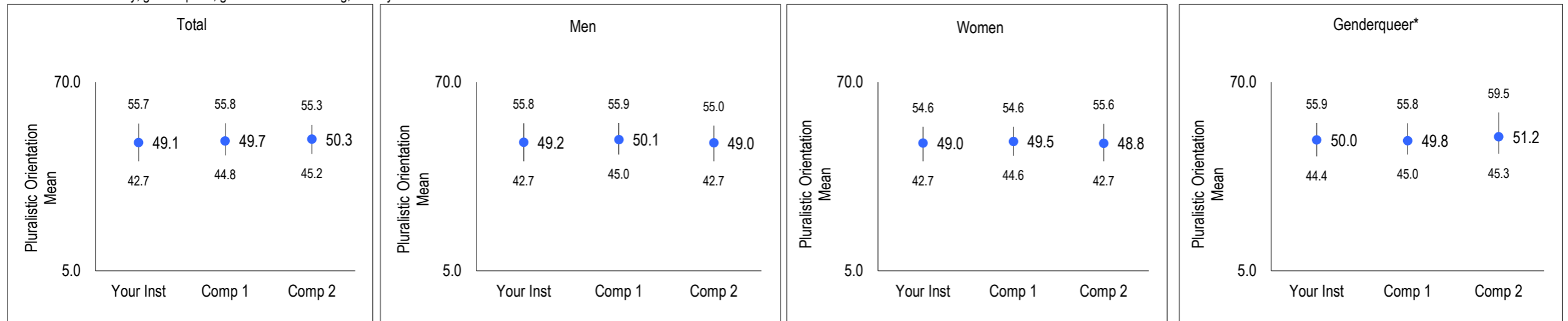
**2022 CIRP Freshman Survey  
 First-time, Full-time Freshmen  
 Pluralistic Orientation  
 CIRP Construct Mean Report**

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

Montclair State 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)	1,056	6,546	3,453	367	2,470	714	651	3,820	1,121	37	242	97
Mean	49.1	49.7	50.3	49.2	50.1	49.0	49.0	49.5	48.8	50.0	49.8	51.2
Standard Deviation	9.10	8.27	7.96	9.15	8.41	8.97	9.06	8.16	9.11	9.02	8.34	8.59
Significance	-	*	***	-	-	-	-	-	-	-	-	-
Effect Size	-	-0.07	-0.15	-	-0.11	0.02	-	-0.06	0.02	-	0.03	-0.13
25th percentile	42.7	44.8	45.2	42.7	45.0	42.7	42.7	44.6	42.7	44.4	45.0	45.3
75th percentile	55.7	55.8	55.3	55.8	55.9	55.0	54.6	54.6	55.6	55.9	55.8	59.5

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:

- \* Ability to see the world from someone else's perspective (1.40)
- \* Tolerance of others with different beliefs (1.64)
- \* Openness to having my own views challenged (1.57)
- \* Ability to discuss and negotiate controversial issues (1.53)
- \* Ability to work cooperatively with diverse people (1.68)

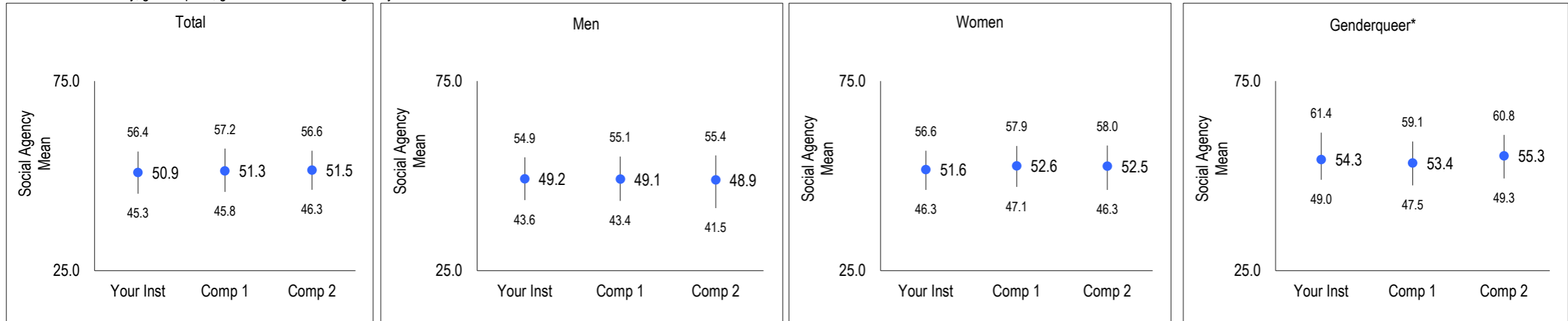
**2022 CIRP Freshman Survey**  
**First-time, Full-time Freshmen**  
**Social Agency**  
**CIRP Construct Mean Report**

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

Montclair State 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)	926	6,138	3,284	324	2,331	666	568	3,564	1,020	34	232	86
Mean	50.9	51.3	51.5	49.2	49.1	48.9	51.6	52.6	52.5	54.3	53.4	55.3
Standard Deviation	8.97	9.09	8.53	9.05	9.18	10.18	8.81	8.73	9.36	8.46	9.41	8.66
Significance	-	-	-	-	-	-	-	*	-	-	-	-
Effect Size	-	-0.05	-0.07	-	0.01	0.03	-	-0.11	-0.10	-	0.09	-0.11
25th percentile	45.3	45.8	46.3	43.6	43.4	41.5	46.3	47.1	46.3	49.0	47.5	49.3
75th percentile	56.4	57.2	56.6	54.9	55.1	55.4	56.6	57.9	58.0	61.4	59.1	60.8

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:

- \* Keeping up to date with political affairs (1.48)
- \* Participating in a community action program (2.41)
- \* Influencing social values (1.64)

- \* Becoming a community leader (2.09)
- \* Helping others who are in difficulty (1.17)
- \* Helping to promote racial understanding (2.15)



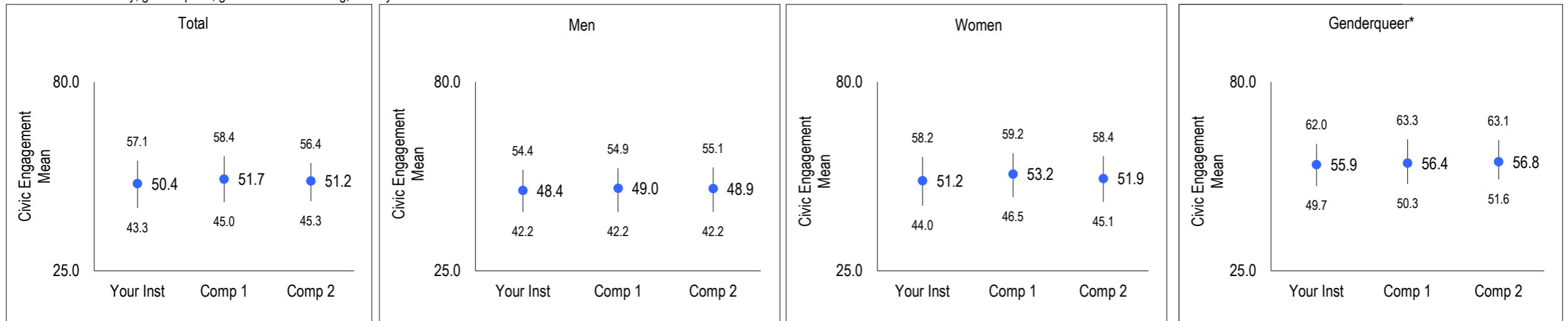
**2022 CIRP Freshman Survey  
 First-time, Full-time Freshmen  
 Civic Engagement  
 CIRP Construct Mean Report**

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

Montclair State 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)	1,088	6,634	3,486	377	2,490	722	671	3,880	1,137	38	248	101
Mean	50.4	51.7	51.2	48.4	49.0	48.9	51.2	53.2	51.9	55.9	56.4	56.8
Standard Deviation	8.97	9.08	7.97	8.48	8.62	8.97	9.03	8.89	8.81	7.94	9.57	8.41
Significance	-	***	**	-	-	-	-	***	-	-	-	-
Effect Size	-	-0.15	-0.10	-	-0.08	-0.06	-	-0.21	-0.07	-	-0.05	-0.10
25th percentile	43.3	45.0	45.3	42.2	42.2	42.2	44.0	46.5	45.1	49.7	50.3	51.6
75th percentile	57.1	58.4	56.4	54.4	54.9	55.1	58.2	59.2	58.4	62.0	63.3	63.1

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

\* Includes non-binary, genderqueer, gender non-conforming, identity not listed



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

**In the past year, how often have you:**

- \* Demonstrated for a cause (e.g., boycott, rally, protest) (1.46)
- \* Performed volunteer work (0.80)
- \* Helped raise money for a cause or campaign (1.42)
- \* Publicly communicated my opinion about a cause (e.g., blog, email, petition) (1.11)

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

- \* Influencing social values (0.97)
- \* Keeping up to date with political affairs (0.86)

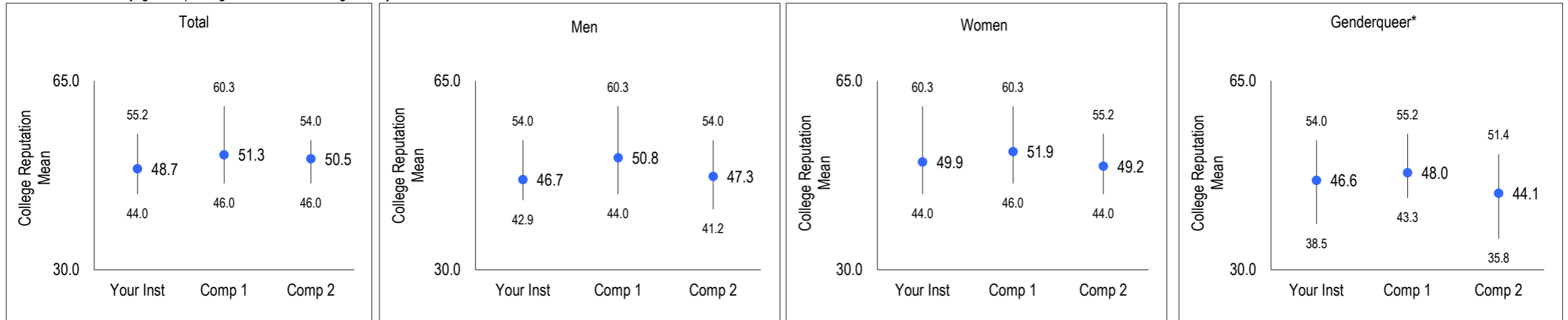
**2022 CIRP Freshman Survey  
 First-time, Full-time Freshmen  
 College Reputation Orientation  
 CIRP Construct Mean Report**

**College Reputation Orientation** - measures the degree to which students value academic reputation and future career potential as a reason for choosing this college.

Montclair State 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)	950	6,244	3,319	332	2,368	678	582	3,627	1,041	36	237	89
Mean	48.7	51.3	50.5	46.7	50.8	47.3	49.9	51.9	49.2	46.6	48.0	44.1
Standard Deviation	8.58	8.17	7.40	8.28	8.02	8.66	8.46	8.10	8.31	9.61	9.15	9.30
Significance	-	***	***	-	***	-	-	***	-	-	-	-
Effect Size	-	-0.32	-0.25	-	-0.51	-0.07	-	-0.24	0.09	-	-0.15	0.26
25th percentile	44.0	46.0	46.0	42.9	44.0	41.2	44.0	46.0	44.0	38.5	43.3	35.8
75th percentile	55.2	60.3	54.0	54.0	60.3	54.0	60.3	60.3	55.2	54.0	55.2	51.4

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

\* Includes non-binary, genderqueer, gender non-conforming, identity not listed



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

**How important was each reason in your decision to come here?**

\* *This college's graduates get good jobs (4.90)*

\* *This college's graduates gain admission to top graduate/professional schools (2.10)*

\* *This college has a very good academic reputation (1.48)*

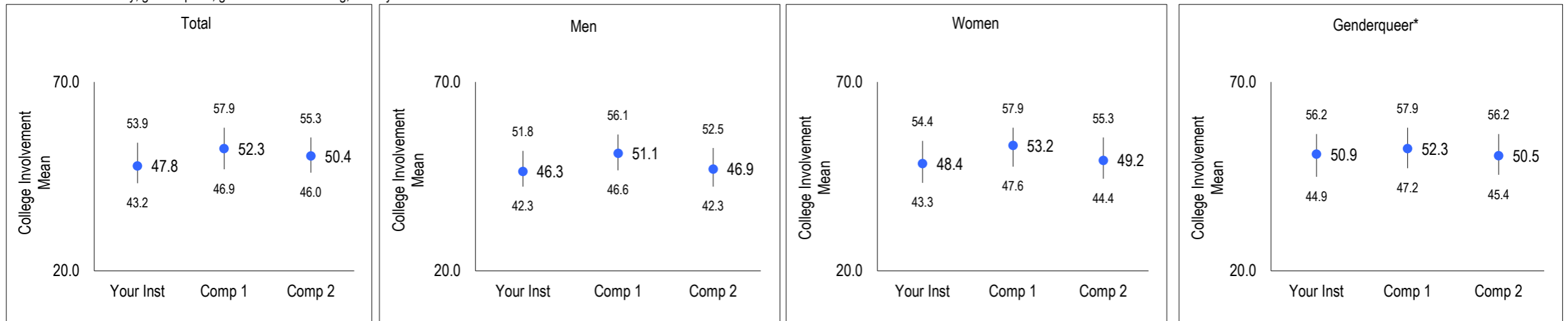
**2022 CIRP Freshman Survey  
 First-time, Full-time Freshmen  
 Likelihood of College Involvement  
 CIRP Construct Mean Report**

**Likelihood of College Involvement** - is a unified measure of students' expectations about their involvement in college life generally.

Montclair State 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)	917	6,123	3,269	320	2,324	663	564	3,556	1,013	33	231	86
Mean	47.8	52.3	50.4	46.3	51.1	46.9	48.4	53.2	49.2	50.9	52.3	50.5
Standard Deviation	8.13	7.22	7.47	7.75	7.07	8.16	8.19	7.18	8.23	8.47	7.43	7.86
Significance	-	***	***	-	***	-	-	***	*	-	-	-
Effect Size	-	-0.64	-0.35	-	-0.68	-0.08	-	-0.66	-0.10	-	-0.20	0.05
25th percentile	43.2	46.9	46.0	42.3	46.6	42.3	43.3	47.6	44.4	44.9	47.2	45.4
75th percentile	53.9	57.9	55.3	51.8	56.1	52.5	54.4	57.9	55.3	56.2	57.9	56.2

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

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

**What is your best guess as to the chances that you will:**

- \* Participate in a study abroad program (1.28)
- \* Participate in volunteer or community service work (1.51)
- \* Participate in student government (0.79)
- \* Participate in student clubs/groups (3.39)

## How to Read the CIRP Construct Percentage Report

CIRP Constructs are designed to capture the experiences and outcomes institutions are often interested in understanding, but that presents a measurement challenge because of their complex and multifaceted nature. To measure these broad underlying areas more precisely, we use 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 reports are generated for each CIRP Construct. The Mean Score 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 groups of a construct. We suggest you use the report that best fits your needs as an institution. Both CIRP Construct reports are generated for first-time, full-time freshmen, which we define as those respondents who first entered college in 2022 and are currently enrolled full-time. For more information about IRT and the CIRP Construct development process, see the CIRP Construct Technical Report at <https://www.heri.ucla.edu/PDFs/constructs/technicalreport.pdf>.

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**Comp 2** – The second comparison group is based on your institution's type and control.

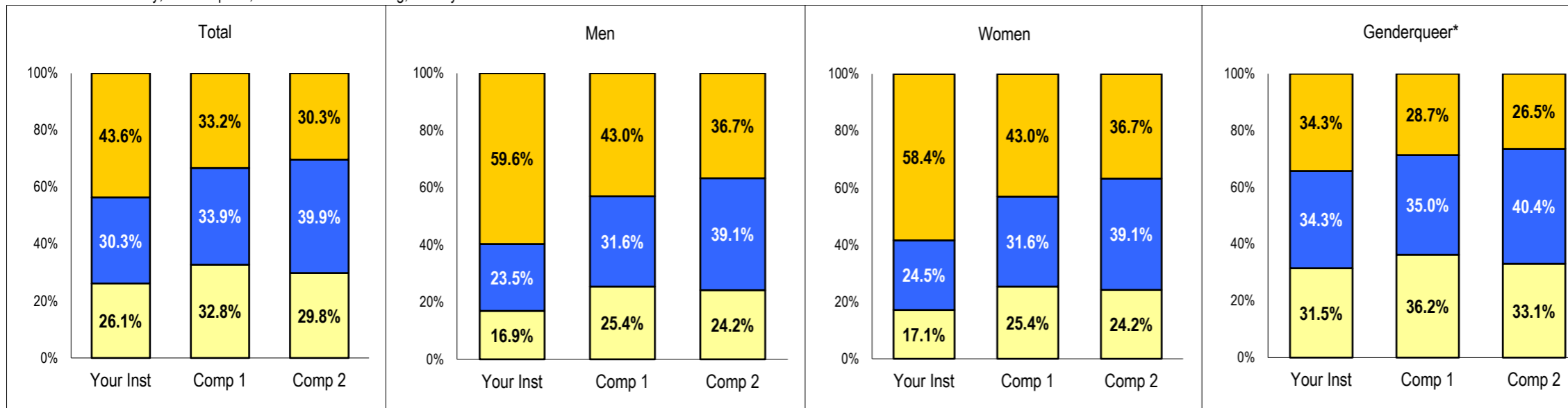
**Statistical Significance** – Uses a proportional difference test to examine the difference between the percentage of students in the high score group for your institution and the percentage of students in the high score group in the comparison group. Differences larger than what would be expected by 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. Unlike the means scores report, in this case there are no effect size calculations to guide you in determining practical importance when comparing proportional differences.

**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)	1,309	3,271	11,432	653	1,586	5,527	648	1,644	5,847	8	41	58
High Academic Self-Concept	43.6%	33.2%	30.3%	59.6%	43.0%	36.7%	58.4%	43.0%	36.7%	34.3%	28.7%	26.5%
Average Academic Self-Concept	30.3%	33.9%	39.9%	23.5%	31.6%	39.1%	24.5%	31.6%	39.1%	34.3%	35.0%	40.4%
Low Academic Self-Concept	26.1%	32.8%	29.8%	16.9%	25.4%	24.2%	17.1%	25.4%	24.2%	31.5%	36.2%	33.1%
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 (3.52)
- \* Self-confidence (intellectual) (1.22)
- \* Drive to achieve (0.95)
- \* Mathematical ability (1.32)

**Survey Items and Estimation "Weights"** – The survey items used in the creation of the CIRP Construct are presented with the estimation weights generated in IRT. Items that tap into a trait more effectively are given greater weight in the estimation process.

**Charts** – CIRP Constructs are scored on a z-score metric and rescaled for a mean of approximately 50 and standard deviation of 10. The Low, Average, and High construct score group percentages are reported here. The "Low" score group represents students who are at least one-half standard deviation below the mean. The "Average" score group represents students whose scores are within one-half standard deviation of the mean. The "High" score group represents students who are one-half standard deviation or more above the mean.

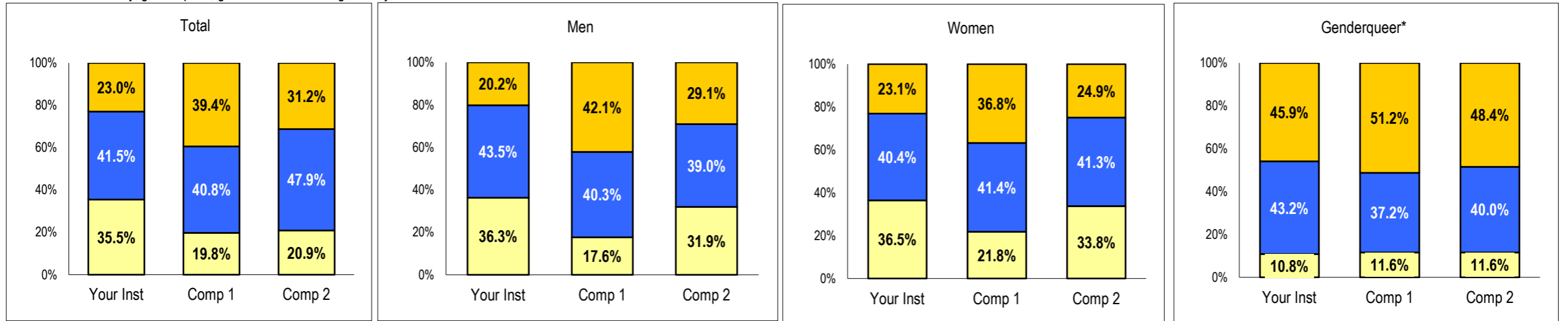
**2022 CIRP Freshman Survey**  
**First-time, Full-time Freshmen**  
**Habits of Mind**  
**CIRP Construct Percentage Report**

**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.

Montclair State 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)	1,040	6,487	3,423	361	2,449	705	641	3,783	1,100	37	242	95
High Habits of Mind	23.0%	39.4%	31.2%	20.2%	42.1%	29.1%	23.1%	36.8%	24.9%	45.9%	51.2%	48.4%
Average Habits of Mind	41.5%	40.8%	47.9%	43.5%	40.3%	39.0%	40.4%	41.4%	41.3%	43.2%	37.2%	40.0%
Low Habits of Mind	35.5%	19.8%	20.9%	36.3%	17.6%	31.9%	36.5%	21.8%	33.8%	10.8%	11.6%	11.6%
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":**

**How often in the past year did you:**

- \* Support your opinions with a logical argument (1.81)
- \* Seek solutions to problems and explain them to others (2.17)
- \* Look up scientific research articles and resources (1.71)
- \* Explore topics on your own, even though it was not required for a class (1.09)
- \* Accept mistakes as part of the learning process (1.24)

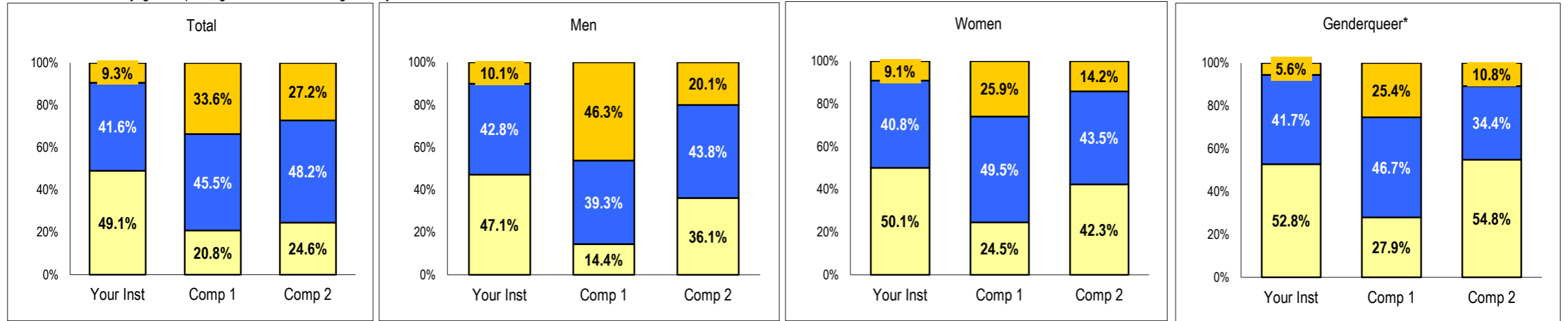
**2022 CIRP Freshman Survey  
 First-time, Full-time Freshmen  
 Academic Self-Concept  
 CIRP Construct Percentage Report**

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

Montclair State 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)	1,010	6,411	3,383	348	2,421	692	625	3,737	1,080	36	240	93
High Academic Self-Concept	9.3%	33.6%	27.2%	10.1%	46.3%	20.1%	9.1%	25.9%	14.2%	5.6%	25.4%	10.8%
Average Academic Self-Concept	41.6%	45.5%	48.2%	42.8%	39.3%	43.8%	40.8%	49.5%	43.5%	41.7%	46.7%	34.4%
Low Academic Self-Concept	49.1%	20.8%	24.6%	47.1%	14.4%	36.1%	50.1%	24.5%	42.3%	52.8%	27.9%	54.8%
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":**

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

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

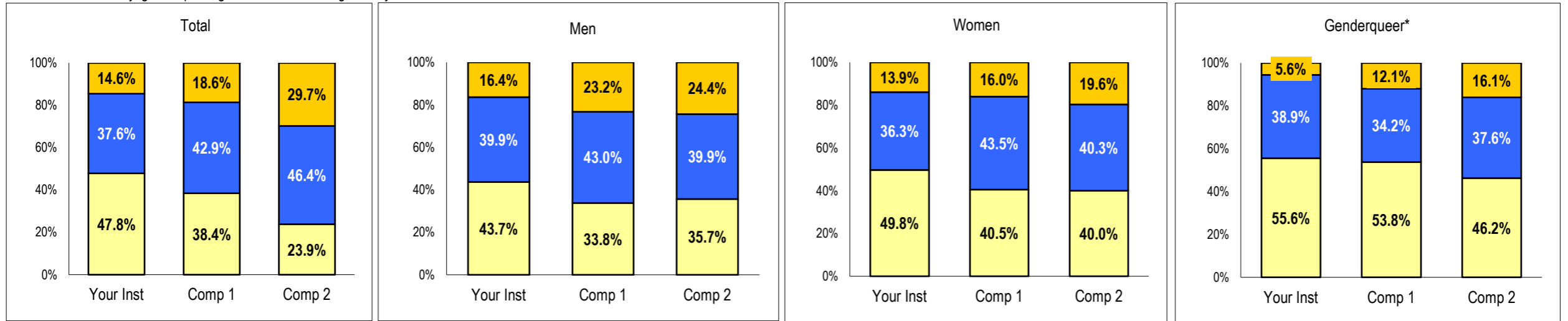
**2022 CIRP Freshman Survey  
 First-time, Full-time Freshmen  
 Social Self-Concept  
 CIRP Construct Percentage Report**

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

Montclair State 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)	1,010	6,410	3,382	348	2,421	692	625	3,736	1,079	36	240	93
High Social Self-Concept	14.6%	18.6%	29.7%	16.4%	23.2%	24.4%	13.9%	16.0%	19.6%	5.6%	12.1%	16.1%
Average Social Self-Concept	37.6%	42.9%	46.4%	39.9%	43.0%	39.9%	36.3%	43.5%	40.3%	38.9%	34.2%	37.6%
Low Social Self-Concept	47.8%	38.4%	23.9%	43.7%	33.8%	35.7%	49.8%	40.5%	40.0%	55.6%	53.8%	46.2%
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:

\* Self-confidence (social) (1.55)

\* Leadership ability (2.43)

\* Public speaking ability (1.90)

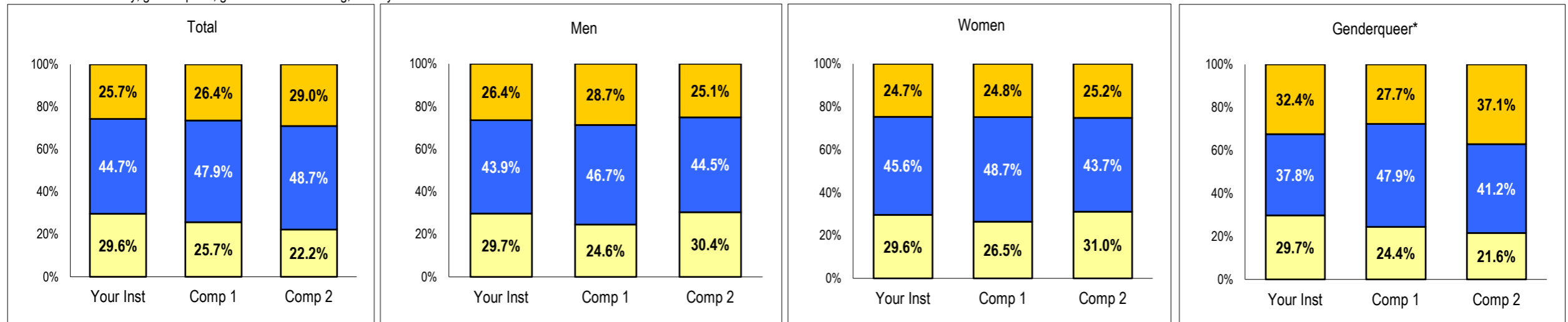
**2022 CIRP Freshman Survey  
 First-time, Full-time Freshmen  
 Pluralistic Orientation  
 CIRP Construct Percentage Report**

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

Montclair State 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)	1,056	6,546	3,453	367	2,470	714	651	3,820	1,121	37	242	97
High Pluralistic Orientation	25.7%	26.4%	29.0%	26.4%	28.7%	25.1%	24.7%	24.8%	25.2%	32.4%	27.7%	37.1%
Average Pluralistic Orientation	44.7%	47.9%	48.7%	43.9%	46.7%	44.5%	45.6%	48.7%	43.7%	37.8%	47.9%	41.2%
Low Pluralistic Orientation	29.6%	25.7%	22.2%	29.7%	24.6%	30.4%	29.6%	26.5%	31.0%	29.7%	24.4%	21.6%
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:**

- \* Ability to see the world from someone else's perspective (1.40)
- \* Tolerance of others with different beliefs (1.64)
- \* Openness to having my own views challenged (1.57)
- \* Ability to discuss and negotiate controversial issues (1.53)
- \* Ability to work cooperatively with diverse people (1.68)



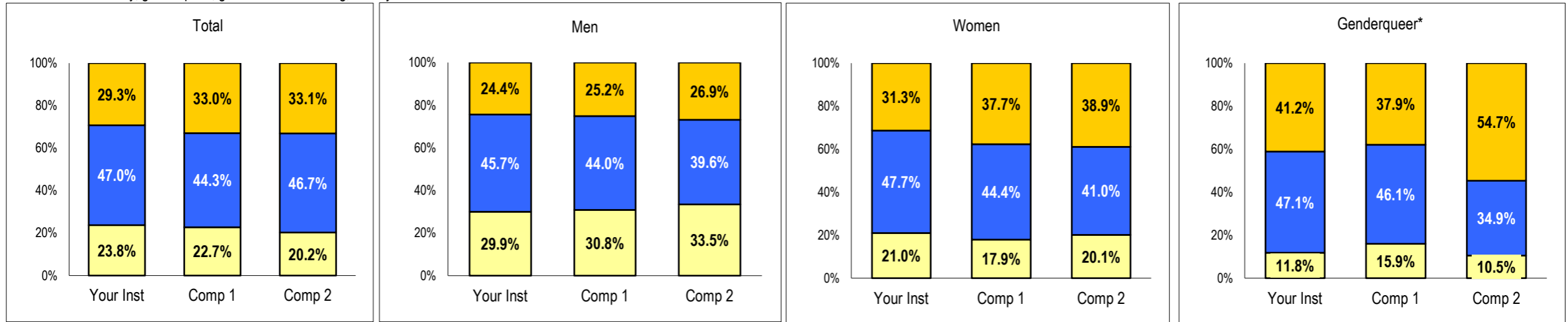
**2022 CIRP Freshman Survey**  
**First-time, Full-time Freshmen**  
**Social Agency**  
**CIRP Construct Percentage Report**

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

Montclair State 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)	926	6,138	3,284	324	2,331	666	568	3,564	1,020	34	232	86
High Social Agency	29.3%	33.0%	33.1%	24.4%	25.2%	26.9%	31.3%	37.7%	38.9%	41.2%	37.9%	54.7%
Average Social Agency	47.0%	44.3%	46.7%	45.7%	44.0%	39.6%	47.7%	44.4%	41.0%	47.1%	46.1%	34.9%
Low Social Agency	23.8%	22.7%	20.2%	29.9%	30.8%	33.5%	21.0%	17.9%	20.1%	11.8%	15.9%	10.5%
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:

- \* Keeping up to date with political affairs (1.48)
- \* Participating in a community action program (2.41)
- \* Influencing social values (1.64)

- \* Becoming a community leader (2.09)
- \* Helping others who are in difficulty (1.17)
- \* Helping to promote racial understanding (2.15)

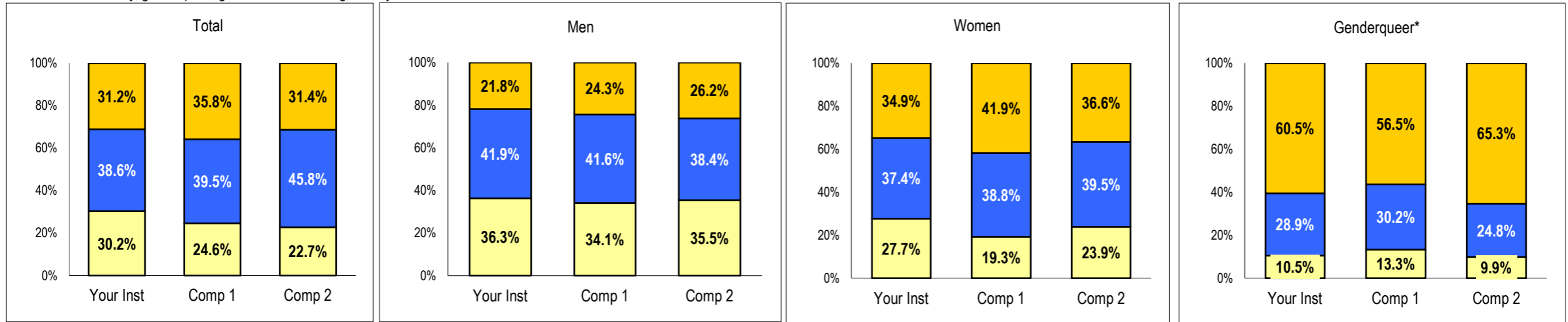
**2022 CIRP Freshman Survey**  
**First-time, Full-time Freshmen**  
**Civic Engagement**  
**CIRP Construct Percentage Report**

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

Montclair State 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)	1,088	6,634	3,486	377	2,490	722	671	3,880	1,137	38	248	101
High Civic Engagement	31.2%	35.8%	31.4%	21.8%	24.3%	26.2%	34.9%	41.9%	36.6%	60.5%	56.5%	65.3%
Average Civic Engagement	38.6%	39.5%	45.8%	41.9%	41.6%	38.4%	37.4%	38.8%	39.5%	28.9%	30.2%	24.8%
Low Civic Engagement	30.2%	24.6%	22.7%	36.3%	34.1%	35.5%	27.7%	19.3%	23.9%	10.5%	13.3%	9.9%
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":**

**In the past year, how often have you:**

- \* Demonstrated for a cause (e.g., boycott, rally, protest) (1.46)
- \* Performed volunteer work (0.80)
- \* Helped raise money for a cause or campaign (1.42)
- \* Publicly communicated my opinion about a cause (e.g., blog, email, petition) (1.11)

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

- \* Influencing social values (0.97)
- \* Keeping up to date with political affairs (0.86)

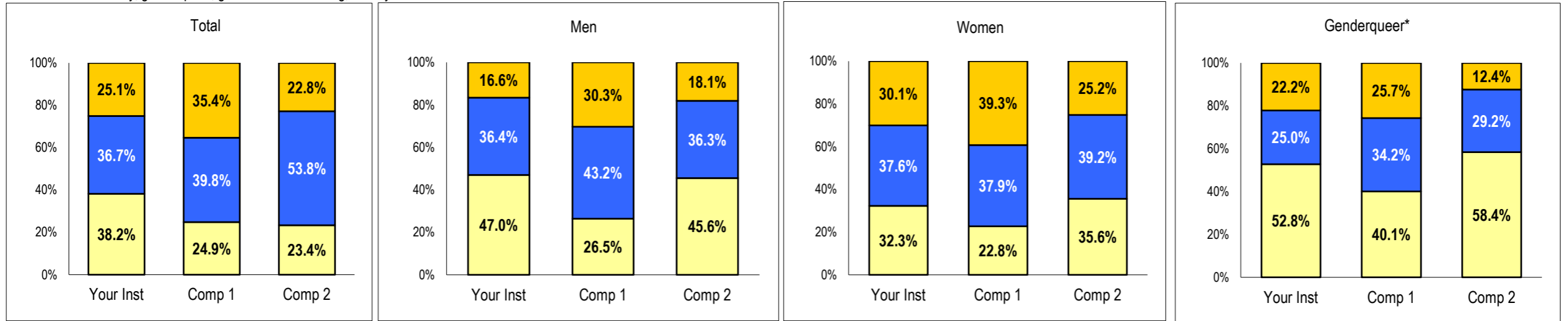
**2022 CIRP Freshman Survey  
 First-time, Full-time Freshmen  
 College Reputation Orientation  
 CIRP Construct Percentage Report**

**College Reputation Orientation** - measures the degree to which students value academic reputation and future career potential as a reason for choosing this college.

Montclair State 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)	950	6,244	3,319	332	2,368	678	582	3,627	1,041	36	237	89
High College Reputation Orientation	25.1%	35.4%	22.8%	16.6%	30.3%	18.1%	30.1%	39.3%	25.2%	22.2%	25.7%	12.4%
Average College Reputation Orientation	36.7%	39.8%	53.8%	36.4%	43.2%	36.3%	37.6%	37.9%	39.2%	25.0%	34.2%	29.2%
Low College Reputation Orientation	38.2%	24.9%	23.4%	47.0%	26.5%	45.6%	32.3%	22.8%	35.6%	52.8%	40.1%	58.4%
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":**

**How important was each reason in your decision to come here?**

\* *This college's graduates get good jobs (4.90)*

\* *This college's graduates gain admission to top graduate/professional schools (2.10)*

\* *This college has a very good academic reputation (1.48)*

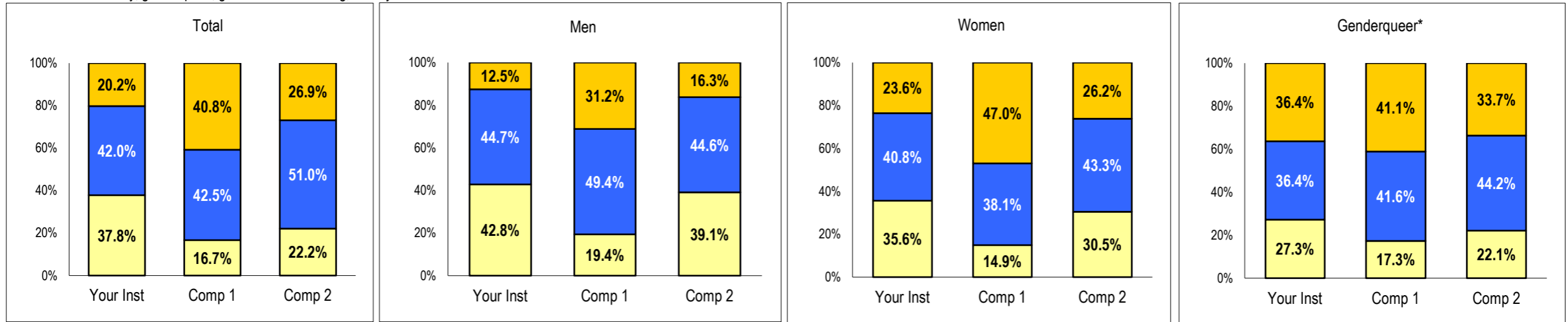
**2022 CIRP Freshman Survey  
 First-time, Full-time Freshmen  
 Likelihood of College Involvement  
 CIRP Construct Percentage Report**

**Likelihood of College Involvement** - is a unified measure of students' expectations about their involvement in college life generally.

Montclair State 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)	917	6,123	3,269	320	2,324	663	564	3,556	1,013	33	231	86
High Likelihood of College Involvement	20.2%	40.8%	26.9%	12.5%	31.2%	16.3%	23.6%	47.0%	26.2%	36.4%	41.1%	33.7%
Average Likelihood of College Involvement	42.0%	42.5%	51.0%	44.7%	49.4%	44.6%	40.8%	38.1%	43.3%	36.4%	41.6%	44.2%
Low Likelihood of College Involvement	37.8%	16.7%	22.2%	42.8%	19.4%	39.1%	35.6%	14.9%	30.5%	27.3%	17.3%	22.1%
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":**

**What is your best guess as to the chances that you will:**

- \* Participate in a study abroad program (1.28)
- \* Participate in volunteer or community service work (1.51)
- \* Participate in student government (0.79)
- \* Participate in student clubs/groups (3.39)