

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

# 2014-2015 Diverse Learning Environments Survey Factor Reports

Full-time Respondents

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## Point Loma Nazarene University

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Comparison group 1: Private Universities  
Comparison group 2: All Baccalaureate Institutions



Table of Contents

**Factor Reports**

How to Read the Factor Reports	<a href="#">H1</a>
a. Sense of Belonging	<a href="#">1A</a>
b. General Interpersonal Validation	<a href="#">1B</a>
c. Academic Validation in the Classroom	<a href="#">1C</a>
d. Institutional Commitment to Diversity	<a href="#">1D</a>
e. Critical Consciousness and Action	<a href="#">1E</a>
f. Harassment	<a href="#">1F</a>
g. Discrimination and Bias	<a href="#">1G</a>
h. Positive Cross-Racial Interaction	<a href="#">1H</a>
i. Negative Cross-Racial Interaction	<a href="#">1I</a>
j. Conversations Across Difference	<a href="#">1J</a>
k. Curriculum of Inclusion	<a href="#">1K</a>
l. Co-Curricular Diversity Activities (Campus-facilitated)	<a href="#">1L</a>
m. Integration of Learning	<a href="#">1M</a>
n. Habits of Mind	<a href="#">1N</a>
o. Pluralistic Orientation	<a href="#">1O</a>
p. Civic Engagement	<a href="#">1P</a>
q. Academic Self-Concept	<a href="#">1Q</a>

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## How to Read the Factor Reports

**DLE factor definition** – Summarizes the theoretical rationale for creating the factor.

**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 factor score for your institution and the comparison group. Factors 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.

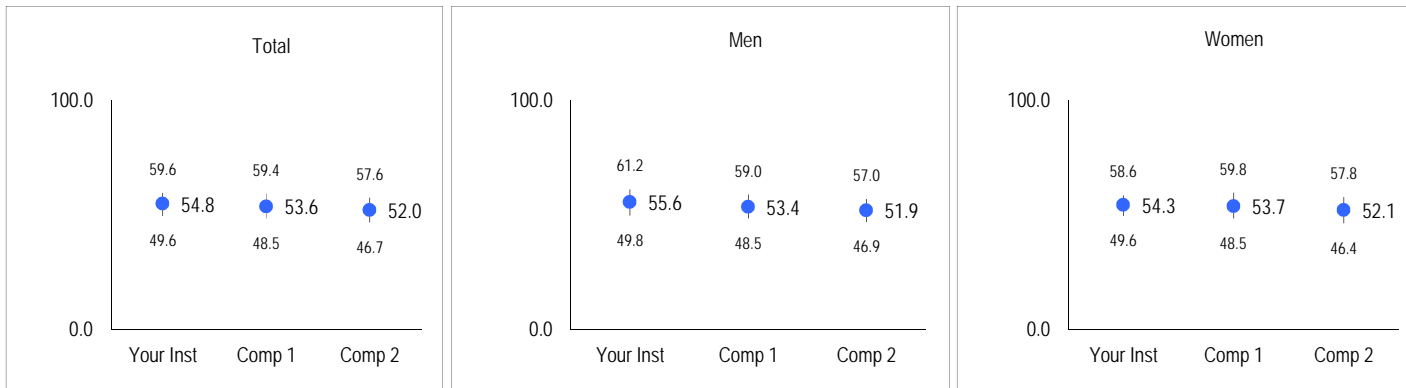
**Cronbach's alpha (α)** - a statistical measurement of the

DLE Factors are designed to capture the experiences and outcomes institutions are often interested in understanding, but present a measurement challenge because of their complex and multifaceted nature. To measure these broad underlying concepts, we use confirmatory factor analysis (CFA) to combine individual survey items into global measures that capture these areas. Factors are particularly useful for benchmarking. They allow you to determine if the experiences and outcomes for your students differ from your comparison groups. Factor reports are generated for all full-time respondents.

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

Sample University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	156	3,383	11,458	62	1,217	3,983	94	2,166	7,475
Mean	54.8	53.6	52.0	55.6	53.4	51.9	54.3	53.7	52.1
Standard deviation	7.89	8.54	8.68	8.46	8.34	8.33	7.49	8.65	8.85
Significance	-	-	***	-	*	***	-	-	*
Effect size	-	0.14	0.32	-	0.26	0.44	-	0.06	0.25
25th percentile	49.6	48.5	46.7	49.8	48.5	46.9	49.6	48.5	46.4
75th percentile	59.6	59.4	57.6	61.2	59.0	57.0	58.6	59.8	57.8

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



**Survey items and factor loadings:**

Indicate how often you have experienced:

* Had intellectual discussions outside of class	0.806	* Socialized or partied	0.722
* Dined or shared a meal	0.749	* Studied or prepared for class	0.726
* Shared personal feelings and problems	0.768	* Had meaningful and honest discussions about race/ethnic relations outside of class	0.705

**Cronbach's α = 0.882**

**Survey Items and Factor Loadings**– The survey items used in the creation of the DLE Factor are presented in the order in which they contribute to the factor based on their loadings in confirmatory factor analysis.

**Charts** – Provide a visual display of relevant factor scores for your institution and two comparison groups. The numbers at the top and bottom of the vertical line are values for the 75th and 25th percentile.

**Comp 1** – Based on your institution's type (university or four-year college).

**Comp 2** – Based on your institution's control (public or private)

**Mean** – The arithmetic mean is computed for each DLE Factor. DLE Factors 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 "Harassment" factor suggests your students score lower than comparison schools).

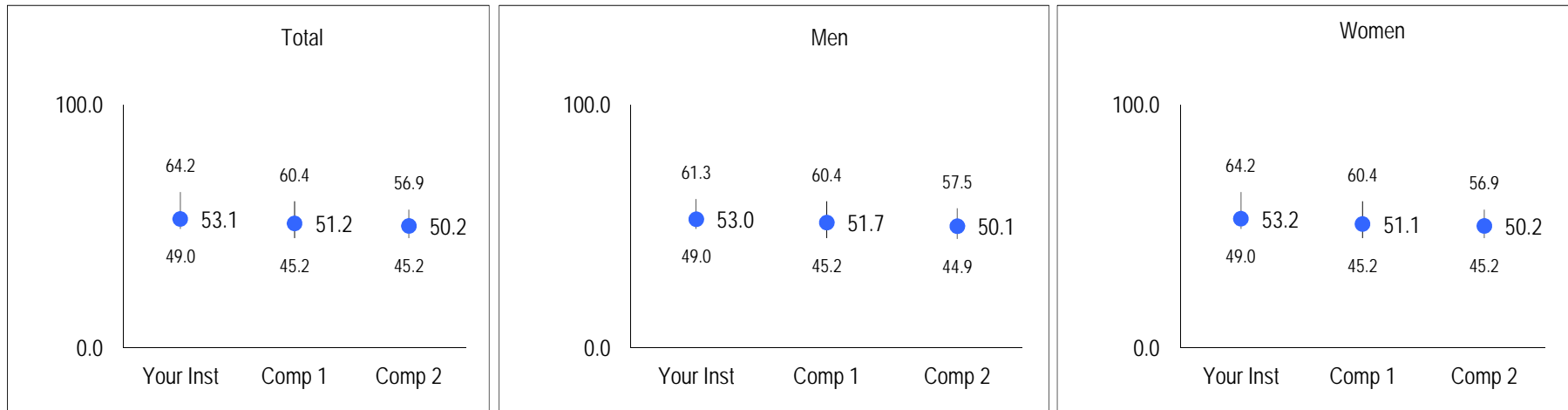


**Factor Report**  
**Sense of Belonging**  
Full-time Respondents

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

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	780	2,690	14,984	278	787	4,497	502	1,903	10,487
Mean	53.1	51.2	50.2	53.0	51.7	50.1	53.2	51.1	50.2
Standard deviation	9.81	10.16	9.94	9.93	10.54	10.23	9.75	9.99	9.81
Significance	-	***	***	-	***	***	-	***	***
Effect size	-	0.18	0.29	-	0.13	0.29	-	0.21	0.30
25th percentile	49.0	45.2	45.2	49.0	45.2	44.9	49.0	45.2	45.2
75th percentile	64.2	60.4	56.9	61.3	60.4	57.5	64.2	60.4	56.9

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



**Survey items and factor loadings:**

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

- \* I feel a sense of belonging to this campus 0.911
- \* I feel that I am a member of this college 0.846
- \* I see myself as a part of the campus community 0.775
- \* If asked, I would recommend this college to others 0.608

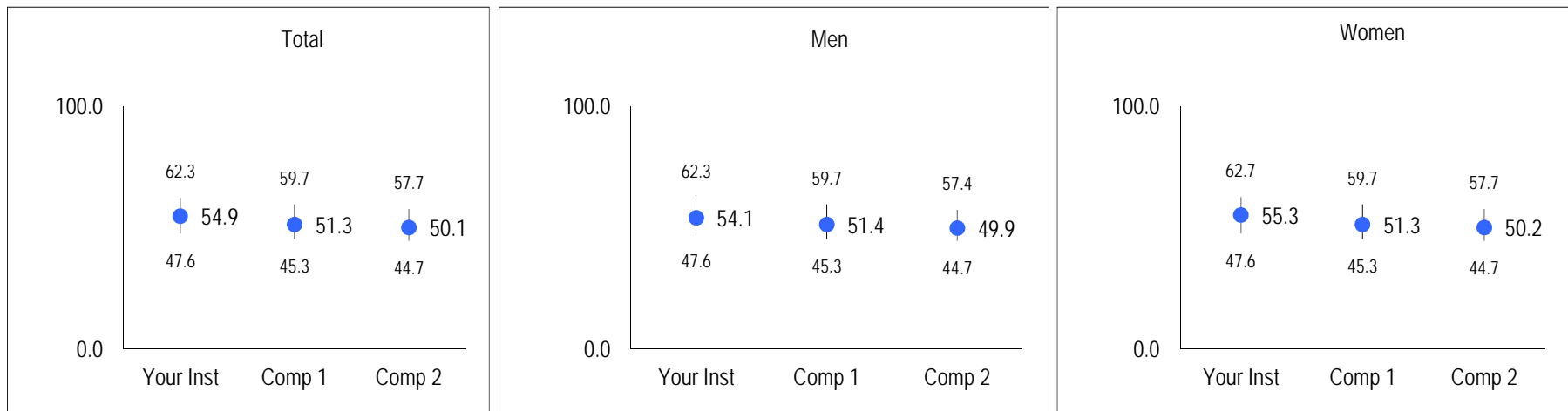
**Cronbach's  $\alpha = 0.864$**

2014-2015 Diverse Learning Environments Survey  
**Factor Report**  
**General Interpersonal Validation**  
Full-time Respondents

**General Interpersonal Validation** is a unified measure of students' view of faculty and staff's attention to their development.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	780	2,691	14,962	279	791	4,487	501	1,900	10,475
Mean	54.9	51.3	50.1	54.1	51.4	49.9	55.3	51.3	50.2
Standard deviation	8.39	9.33	9.92	8.68	9.58	10.05	8.20	9.22	9.87
Significance	-	***	***	-	***	***	-	***	***
Effect size	-	0.38	0.48	-	0.29	0.42	-	0.43	0.52
25th percentile	47.6	45.3	44.7	47.6	45.3	44.7	47.6	45.3	44.7
75th percentile	62.3	59.7	57.7	62.3	59.7	57.4	62.7	59.7	57.7

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



**Survey items and factor loadings:**

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

* At least one faculty member has taken an interest in my development	0.838	* Staff recognize my achievements	0.743
* Faculty believe in my potential to succeed academically	0.798	* Faculty empower me to learn here	0.633
* At least one staff member has taken an interest in my development	0.796	* Staff encourage me to get involved in campus activities	0.552

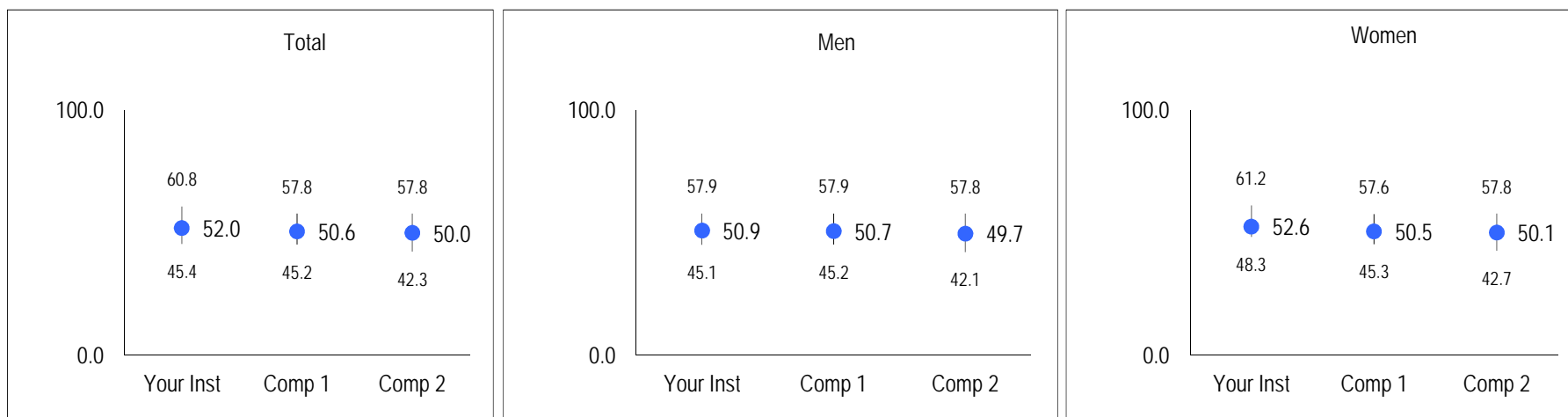
**Cronbach's  $\alpha = 0.867$**

2014-2015 Diverse Learning Environments Survey  
Factor Report  
**Academic Validation in the Classroom**  
Full-time Respondents

**Academic Validation in the Classroom** measures the extent to which students' view of faculty actions in class reflect concern for their academic success.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	657	2,074	11,708	240	582	3,402	417	1,492	8,306
Mean	52.0	50.6	50.0	50.9	50.7	49.7	52.6	50.5	50.1
Standard deviation	9.18	9.22	9.95	9.32	9.46	10.30	9.06	9.12	9.80
Significance	-	***	***	-			-	***	***
Effect size	-	0.15	0.20	-	0.02	0.13	-	0.22	0.25
25th percentile	45.4	45.2	42.3	45.1	45.2	42.1	48.3	45.3	42.7
75th percentile	60.8	57.8	57.8	57.9	57.9	57.8	61.2	57.6	57.8

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



**Survey items and factor loadings:**

Please indicate how often you have experienced the following in class at this college:

- \* Felt that my contributions were valued in class 0.860
- \* Felt that faculty provided me with feedback that helped me assess my progress in class 0.858
- \* Felt that faculty encouraged me to ask questions and participate in discussions 0.796
- \* Faculty were able to determine my level of understanding of course material 0.775

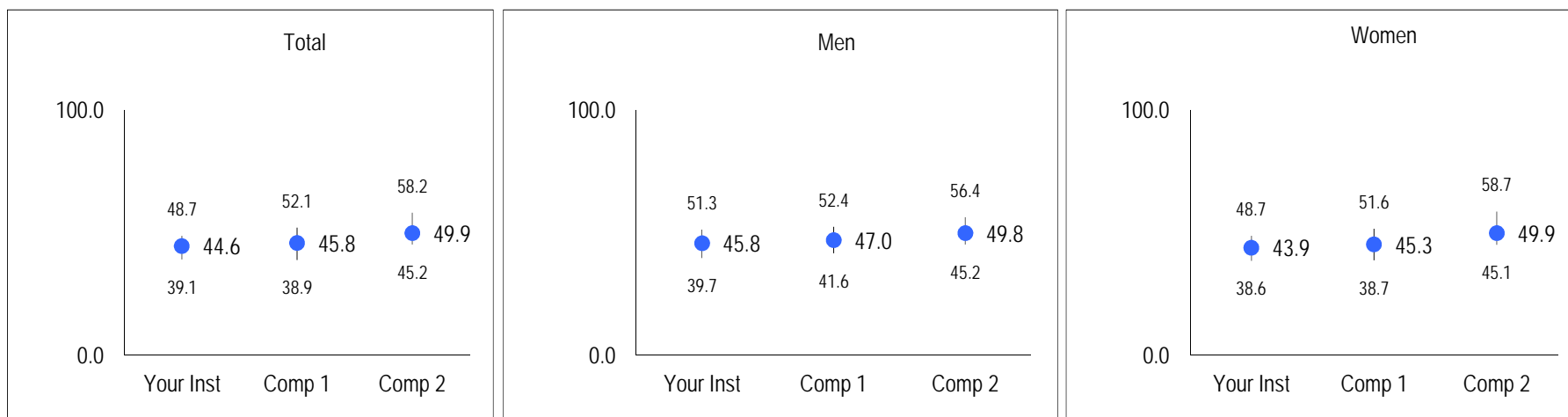
**Cronbach's  $\alpha = 0.893$**

2014-2015 Diverse Learning Environments Survey  
Factor Report  
**Institutional Commitment to Diversity**  
Full-time Respondents

**Institutional Commitment to Diversity** is a measure of a student's perception of the campus' commitment to diversity.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	737	2,459	13,836	263	702	4,110	474	1,757	9,726
Mean	44.6	45.8	49.9	45.8	47.0	49.8	43.9	45.3	49.9
Standard deviation	9.40	10.57	10.08	9.47	10.63	9.87	9.30	10.51	10.16
Significance	-	**	***	-	-	***	-	**	***
Effect size	-	-0.12	-0.53	-	-0.12	-0.41	-	-0.14	-0.59
25th percentile	39.1	38.9	45.2	39.7	41.6	45.2	38.6	38.7	45.1
75th percentile	48.7	52.1	58.2	51.3	52.4	56.4	48.7	51.6	58.7

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



**Survey items and factor loadings:**

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

- |  |       |  |       |
|--|-------|--|-------|
| * Promotes the appreciation of cultural difference   | 0.829 | * Appreciates differences in sexual orientation                              | 0.709 |
| * Has a long standing commitment to diversity  | 0.783 | * Has campus administrators who regularly speak about the value of diversity | 0.644 |
| * Accurately reflects the diversity of the student body in publications (e.g., brochures, website) | 0.752 |  |       |

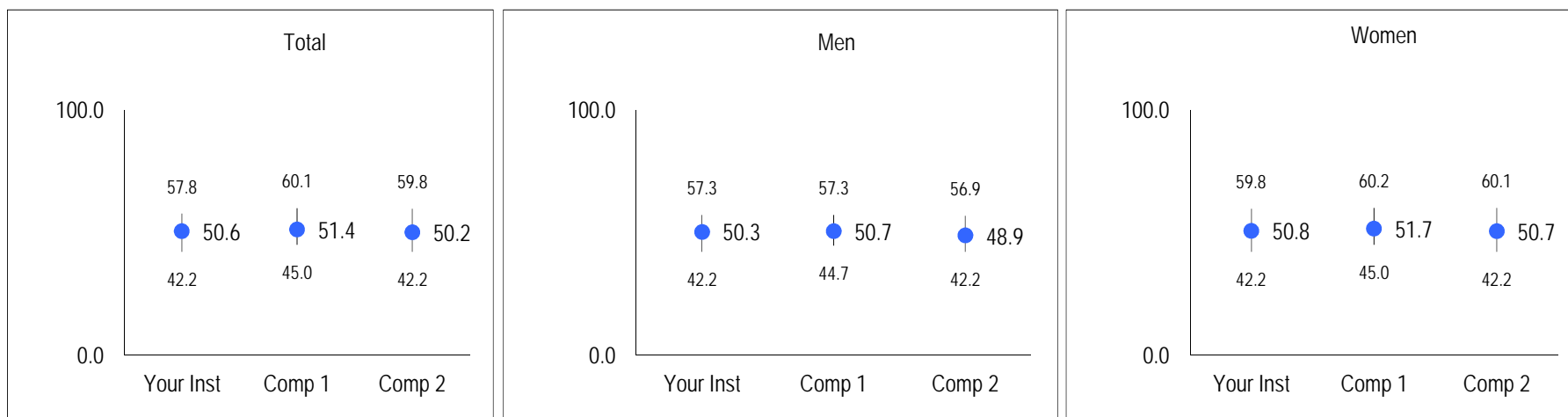
**Cronbach's  $\alpha = 0.857$**

2014-2015 Diverse Learning Environments Survey  
Factor Report  
**Critical Consciousness and Action**  
Full-time Respondents

**Critical Consciousness and Action** is a unified measure of how often students critically examine and challenge their own and others' biases.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	700	2,288	12,844	252	652	3,783	448	1,636	9,061
Mean	50.6	51.4	50.2	50.3	50.7	48.9	50.8	51.7	50.7
Standard deviation	9.15	9.22	9.95	9.17	9.12	9.99	9.14	9.24	9.89
Significance	-	*		-		*	-		
Effect size	-	-0.08	0.05	-	-0.04	0.14	-	-0.10	0.01
25th percentile	42.2	45.0	42.2	42.2	44.7	42.2	42.2	45.0	42.2
75th percentile	57.8	60.1	59.8	57.3	57.3	56.9	59.8	60.2	60.1

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



**Survey items and factor loadings:**

How often in the past year did you:

* Make an effort to educate others about social issues	0.742	* Challenge others on issues of discrimination	0.644
* Critically evaluated your own position on an issue	0.724	* Feel challenged to think more broadly about an issue	0.595
* Recognize the biases that affect your own thinking	0.693	* Make an effort to get to know people from diverse backgrounds	0.513

**Cronbach's  $\alpha = 0.814$**



Factor Report

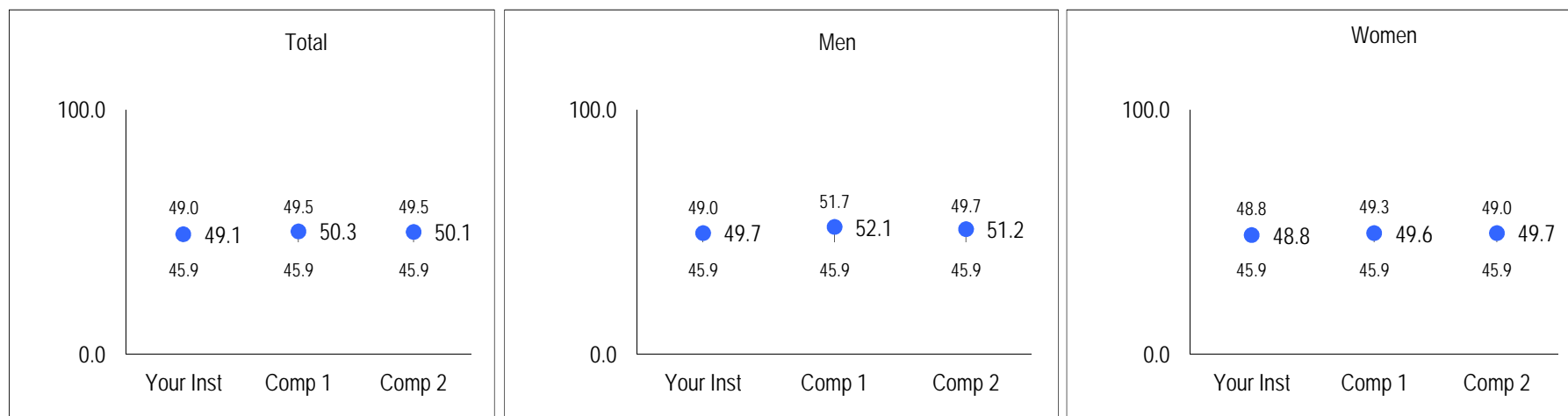
Harassment

Full-time Respondents

**Harassment** measures the frequency that students experience threats or harassment.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	678	2,208	12,360	244	628	3,635	434	1,580	8,725
Mean	49.1	50.3	50.1	49.7	52.1	51.2	48.8	49.6	49.7
Standard deviation	8.10	10.14	10.09	9.71	13.35	12.52	7.03	8.44	8.84
Significance	-	**	*	-	**	-	-	-	*
Effect size	-	-0.12	-0.10	-	-0.18	-0.12	-	-0.09	-0.10
25th percentile	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
75th percentile	49.0	49.5	49.5	49.0	51.7	49.7	48.8	49.3	49.0

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



**Survey items and factor loadings:**

Indicate how often you have experienced:

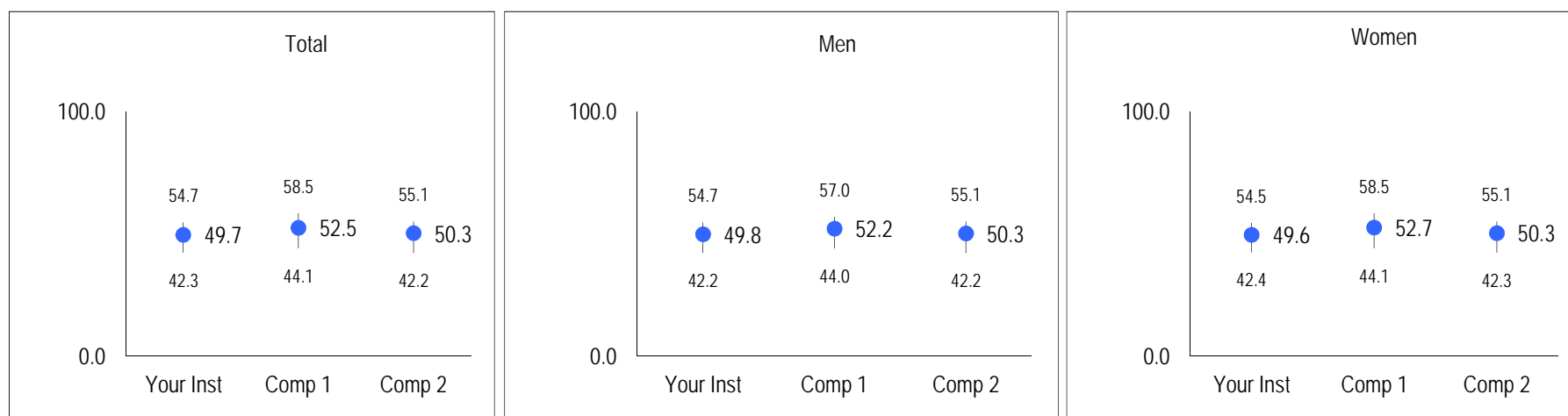
* Physical assaults or injuries	0.859	* Reported an incident of sexual harassment to a campus authority	0.693
* Threats of physical violence	0.824	* Reported an incident of discrimination to a campus authority	0.634
* Anonymous phone calls	0.759	* Experienced sexual harassment	0.596
* Damage to personal property	0.710		

**Cronbach's  $\alpha = 0.879$**

**Discrimination and Bias** measures the frequency of students' experiences with more subtle forms of discrimination.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	685	2,220	12,426	248	632	3,641	437	1,588	8,785
Mean	49.7	52.5	50.3	49.8	52.2	50.3	49.6	52.7	50.3
Standard deviation	9.03	10.77	10.05	9.51	10.80	10.33	8.76	10.76	9.93
Significance	-	***		-	**		-	***	
Effect size	-	-0.26	-0.06	-	-0.22	-0.04	-	-0.28	-0.07
25th percentile	42.3	44.1	42.2	42.2	44.0	42.2	42.4	44.1	42.3
75th percentile	54.7	58.5	55.1	54.7	57.0	55.1	54.5	58.5	55.1

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



**Survey items and factor loadings:**

Indicate how often you have experienced:

* Verbal comments	0.768	* Heard insensitive or disparaging remarks from students	0.655
* Witnessed discrimination	0.703	* Exclusion (e.g., from gatherings, events)	0.689
* Written comments (e.g., emails, texts, writing on walls)	0.693	* Heard insensitive or disparaging remarks from staff	0.673
* Heard insensitive or disparaging remarks from faculty	0.681	* Offensive visual images or items	0.703

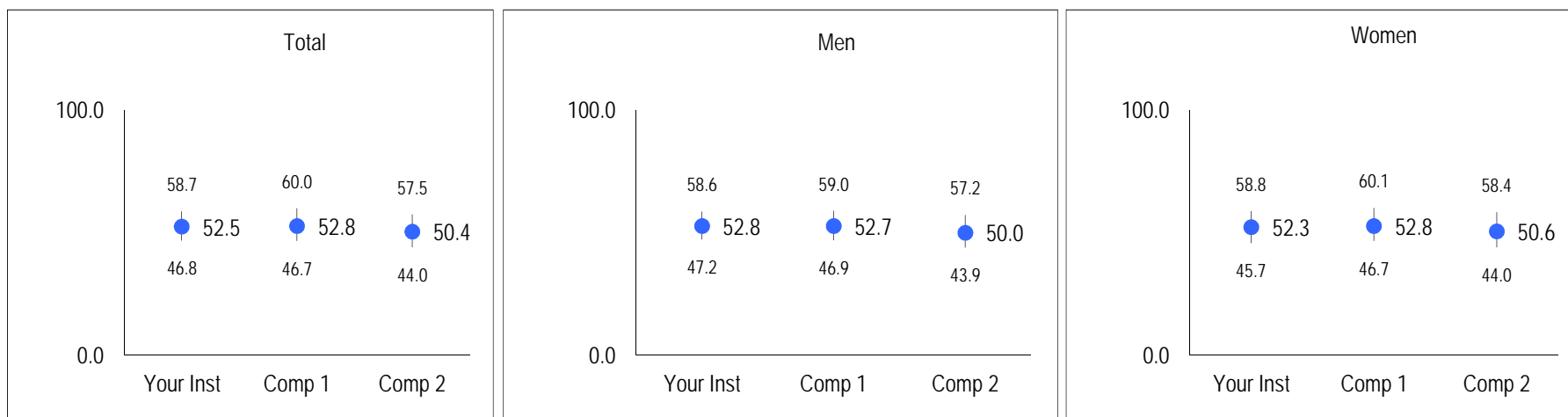
**Cronbach's  $\alpha = 0.876$**

2014-2015 Diverse Learning Environments Survey  
Factor Report  
Positive Cross-Racial Interaction  
Full-time Respondents

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

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	733	2,431	13,547	263	691	4,012	470	1,740	9,535
Mean	52.5	52.8	50.4	52.8	52.7	50.0	52.3	52.8	50.6
Standard deviation	8.41	8.81	9.81	7.53	8.69	9.78	8.86	8.86	9.81
Significance	-	-	***	-	-	***	-	-	***
Effect size	-	-0.03	0.21	-	0.01	0.29	-	-0.06	0.17
25th percentile	46.8	46.7	44.0	47.2	46.9	43.9	45.7	46.7	44.0
75th percentile	58.7	60.0	57.5	58.6	59.0	57.2	58.8	60.1	58.4

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



**Survey items and factor loadings:**

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

* Had intellectual discussions outside of class	0.846	* Had meaningful and honest discussions about race/ethnic relations outside of class	0.766
* Shared personal feelings and problems	0.809	* Socialized or partied	0.726
* Dined or shared a meal	0.784	* Studied or prepared for class	0.690

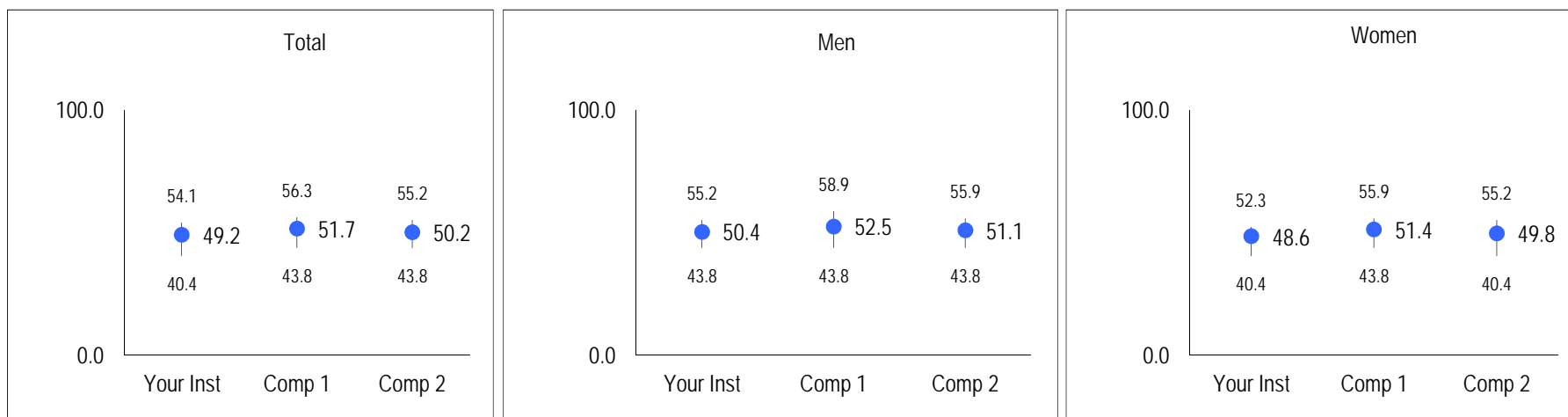
**Cronbach's  $\alpha = 0.897$**

2014-2015 Diverse Learning Environments Survey  
Factor Report  
**Negative Cross-Racial Interaction**  
Full-time Respondents

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

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	730	2,436	13,620	262	689	4,027	468	1,747	9,593
Mean	49.2	51.7	50.2	50.4	52.5	51.1	48.6	51.4	49.8
Standard deviation	9.14	10.31	10.05	9.80	10.80	10.62	8.70	10.09	9.77
Significance	-	***	**	-	**	-	-	***	**
Effect size	-	-0.24	-0.10	-	-0.20	-0.07	-	-0.28	-0.13
25th percentile	40.4	43.8	43.8	43.8	43.8	43.8	40.4	43.8	40.4
75th percentile	54.1	56.3	55.2	55.2	58.9	55.9	52.3	55.9	55.2

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



**Survey items and factor loadings:**

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

- \* Had tense, somewhat hostile interactions 0.881
- \* Felt insulted or threatened because of your race/ethnicity 0.709
- \* Had guarded, cautious interactions 0.658

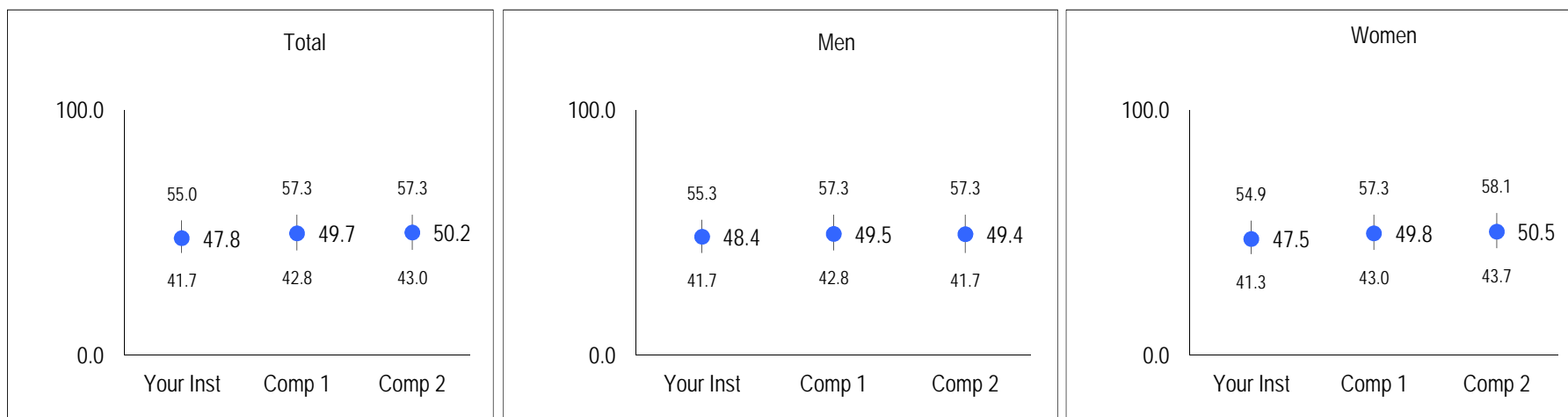
**Cronbach's  $\alpha = 0.780$**

2014-2015 Diverse Learning Environments Survey  
Factor Report  
**Conversations Across Difference**  
Full-time Respondents

**Conversations Across Difference** measures how often students have in-depth conversations with diverse peers.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	700	2,294	12,900	251	652	3,804	449	1,642	9,096
Mean	47.8	49.7	50.2	48.4	49.5	49.4	47.5	49.8	50.5
Standard deviation	9.31	9.38	9.87	9.41	9.66	10.20	9.25	9.27	9.71
Significance	-	***	***	-	-	-	-	***	***
Effect size	-	-0.20	-0.24	-	-0.12	-0.10	-	-0.25	-0.31
25th percentile	41.7	42.8	43.0	41.7	42.8	41.7	41.3	43.0	43.7
75th percentile	55.0	57.3	57.3	55.3	57.3	57.3	54.9	57.3	58.1

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



**Survey items and factor loadings:**

How often in the past year did you interact with someone:

* From a socioeconomic class different from your own	0.737	* From a country other than your own	0.588
* From a religion different from your own	0.712	* With a disability	0.428
* Of a sexual orientation different from your own	0.663	* Discuss issues related to sexism, gender differences, or gender equity	0.426

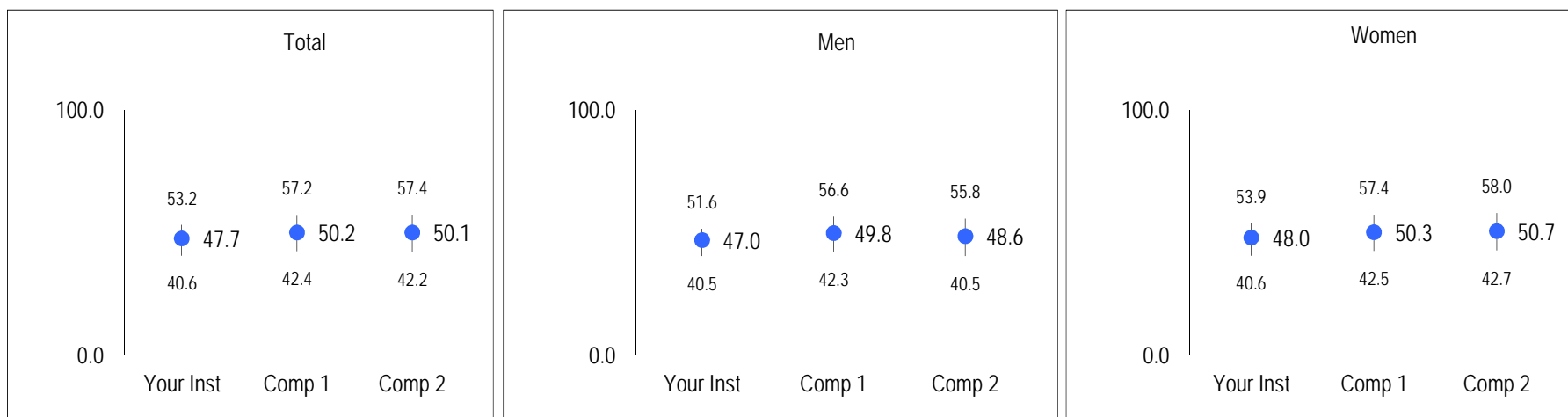
**Cronbach's  $\alpha = 0.752$**

**Factor Report**  
**Curriculum of Inclusion**  
Full-time Respondents

**Curriculum of Inclusion** measures the number of courses a student has taken that include materials and pedagogy addressing diversity.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	661	2,105	11,883	240	597	3,475	421	1,508	8,408
Mean	47.7	50.2	50.1	47.0	49.8	48.6	48.0	50.3	50.7
Standard deviation	8.66	9.48	9.95	8.35	9.60	9.83	8.82	9.44	9.93
Significance	-	***	***	-	***	*	-	***	***
Effect size	-	-0.26	-0.24	-	-0.29	-0.16	-	-0.24	-0.27
25th percentile	40.6	42.4	42.2	40.5	42.3	40.5	40.6	42.5	42.7
75th percentile	53.2	57.2	57.4	51.6	56.6	55.8	53.9	57.4	58.0

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



**Survey items and factor loadings:**

How many courses have you taken at this college that included the following?

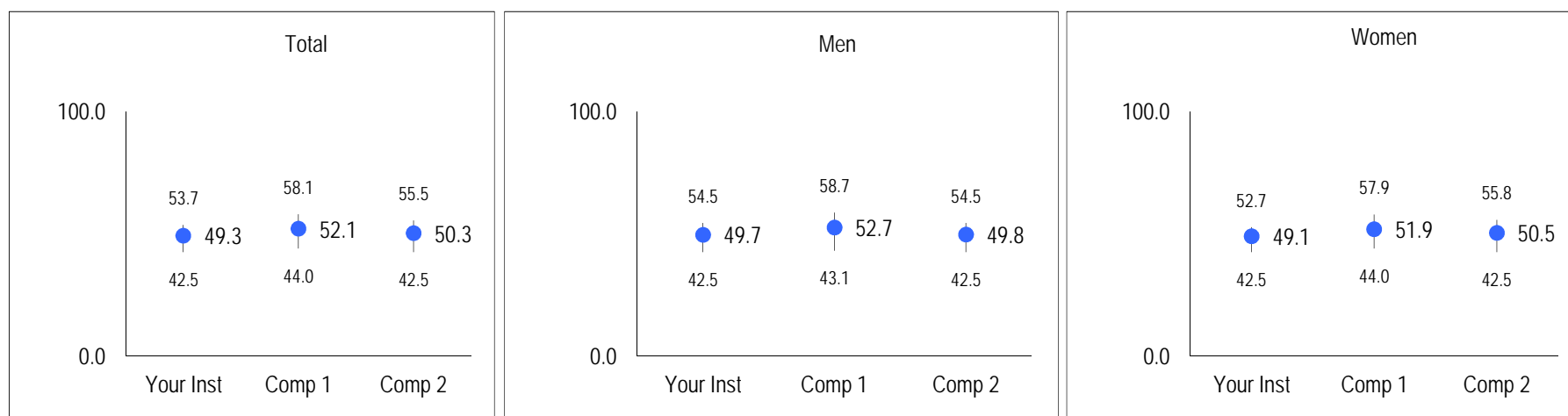
* Material/readings about race/ethnicity	0.830	* Materials/readings about gender	0.770
* Materials/readings about socioeconomic class differences	0.816	* Opportunities for intensive dialogue between students with different backgrounds and beliefs	0.687
* Materials/readings about privilege	0.769	* Materials/readings about disability	0.605
* Materials/readings about sexual orientation	0.777	* Opportunities to study and serve communities in need (e.g., service learning)	0.472

**Cronbach's  $\alpha$  = 0.894**

Co-Curricular Diversity Activities (Campus-facilitated) is a measure of students' involvement with institutional programs focused on diversity issues.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	633	2,007	11,319	231	564	3,297	402	1,443	8,022
Mean	49.3	52.1	50.3	49.7	52.7	49.8	49.1	51.9	50.5
Standard deviation	8.49	10.67	10.11	8.42	11.50	10.13	8.53	10.32	10.10
Significance	-	***	*	-	***		-	***	**
Effect size	-	-0.27	-0.10	-	-0.26	-0.01	-	-0.28	-0.14
25th percentile	42.5	44.0	42.5	42.5	43.1	42.5	42.5	44.0	42.5
75th percentile	53.7	58.1	55.5	54.5	58.7	54.5	52.7	57.9	55.8

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



**Survey items and factor loadings:**

Since entering this college, how often have you:

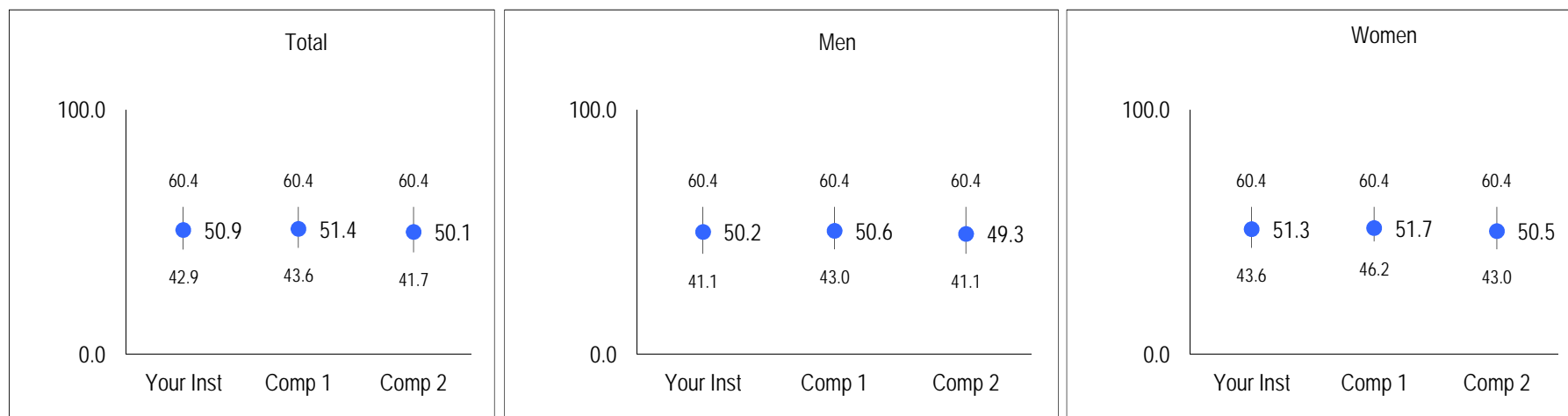
* Participated in ongoing campus-organized discussions on racial/ethnic issues (e.g., intergroup dialogue)	0.833	* Participated in the Women's/Men's Center activities	0.731
* Participated in Racial/Ethnic or Cultural Center activities	0.798	* Participated in the LGBT Center activities	0.665
* Attended debates or panels about diversity issues	0.777	* Attended presentations, performances, or art exhibits on diversity	0.650

**Cronbach's  $\alpha = 0.894$**

Integration of Learning is a measure of student behavior that reflects integrating, connecting, and applying concepts and ideas.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	681	2,179	12,272	247	622	3,600	434	1,557	8,672
Mean	50.9	51.4	50.1	50.2	50.6	49.3	51.3	51.7	50.5
Standard deviation	9.37	9.03	9.94	9.73	9.70	10.36	9.15	8.73	9.74
Significance	-	-	-	-	-	-	-	-	-
Effect size	-	-0.06	0.08	-	-0.05	0.09	-	-0.04	0.08
25th percentile	42.9	43.6	41.7	41.1	43.0	41.1	43.6	46.2	43.0
75th percentile	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4

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



**Survey items and factor loadings:**

How often in the past year did you:

- \* Made connections between ideas I learned in different courses 0.766
- \* Apply concepts from courses to real life situations 0.709
- \* Integrate skills and knowledge from different sources and experiences 0.512
- \* Use different points of view to make an argument 0.518

**Cronbach's  $\alpha = 0.716$**

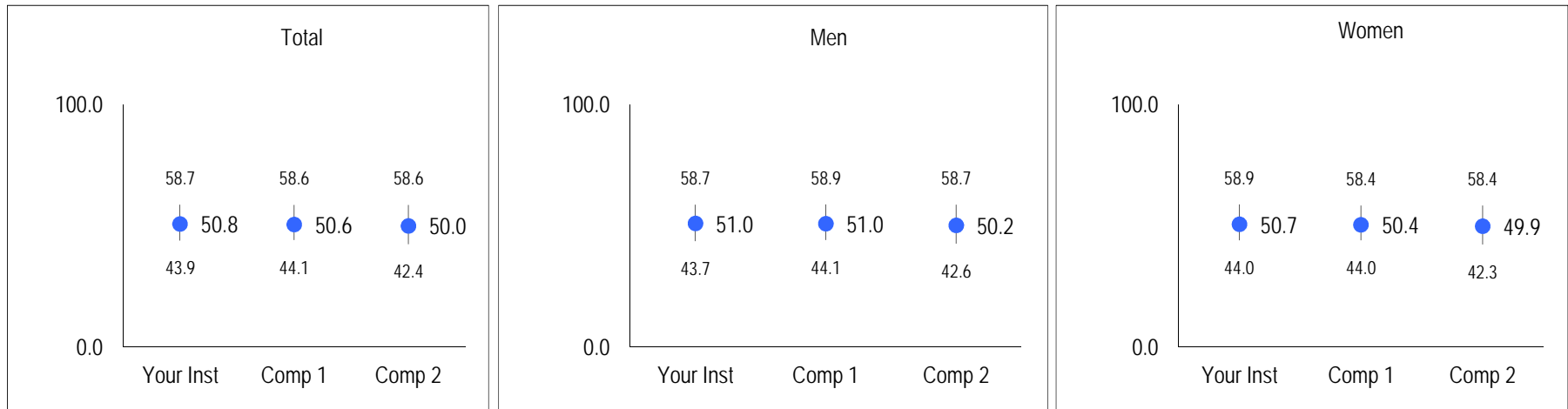




**Habits of Mind** is a unified measure of the behaviors and traits associated with academic success. These learning behaviors are seen as the foundation for lifelong learning.

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	679	2,160	12,181	248	609	3,563	431	1,551	8,618
Mean	50.8	50.6	50.0	51.0	51.0	50.2	50.7	50.4	49.9
Standard deviation	9.44	9.30	9.97	9.21	9.45	10.02	9.58	9.25	9.95
Significance	-	-	*	-	-	-	-	-	-
Effect size	-	0.02	0.08	-	0.00	0.08	-	0.02	0.08
25th percentile	43.9	44.1	42.4	43.7	44.1	42.6	44.0	44.0	42.3
75th percentile	58.7	58.6	58.6	58.7	58.9	58.7	58.9	58.4	58.4

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



**Survey items and factor loadings:**

How often in the past year did you:

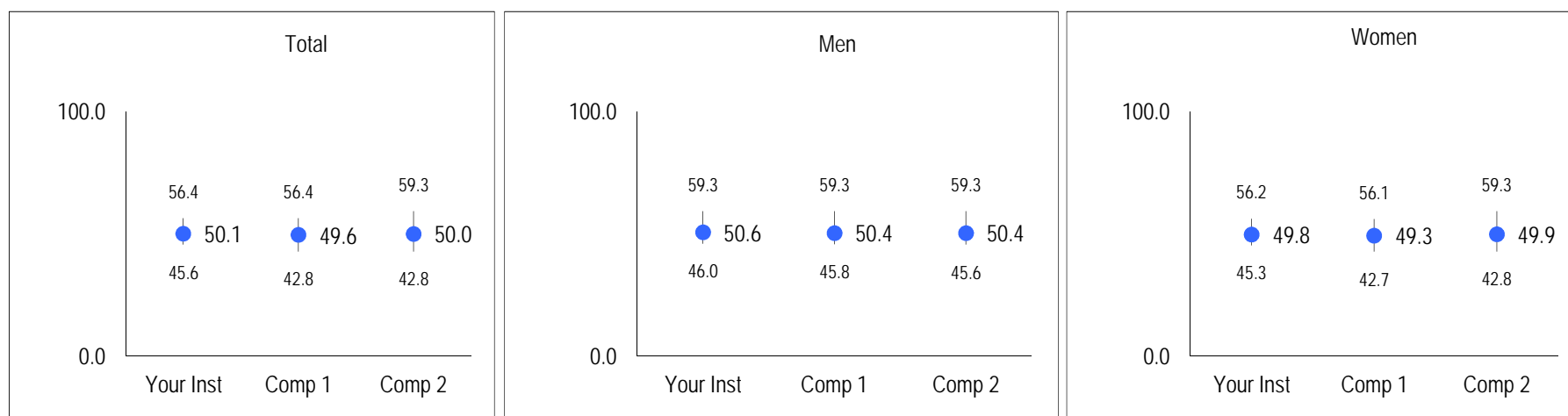
- |   |       |   |       |
|---|-------|---|-------|
| * Seek solutions to problems and explain them to others           | 0.706 | * Ask questions in class  | 0.545 |
| * Evaluate the quality or reliability of information you received | 0.701 | * Explore topics on your own, even though it was not required for class | 0.591 |
| * Support your opinions with a logical argument                   | 0.660 | * Revise your papers to improve your writing                            | 0.565 |
| * Seek alternative solutions to a problem                         | 0.659 | * Accept mistakes as part of the learning process                       | 0.540 |
| * Seek feedback on your academic work                             | 0.629 | * Look up scientific research articles and resources                    | 0.509 |
| * Take a risk because you felt you had more to gain               | 0.582 |   |       |

**Cronbach's  $\alpha = 0.864$**

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

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	770	2,610	14,736	274	764	4,420	496	1,846	10,316
Mean	50.1	49.6	50.0	50.6	50.4	50.4	49.8	49.3	49.9
Standard deviation	9.15	9.64	9.96	9.32	9.80	10.07	9.06	9.56	9.90
Significance	-	-	-	-	-	-	-	-	-
Effect size	-	0.05	0.01	-	0.03	0.03	-	0.06	0.00
25th percentile	45.6	42.8	42.8	46.0	45.8	45.6	45.3	42.7	42.8
75th percentile	56.4	56.4	59.3	59.3	59.3	59.3	56.2	56.1	59.3

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



**Survey items and factor loadings:**

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

- |   |       |  |       |
|---|-------|--|-------|
| * Tolerance of others with different beliefs        | 0.716 | * Ability to discuss and negotiate controversial issues    | 0.671 |
| * Openness to having my own views challenged        | 0.716 | * Ability to see the world from someone else's perspective | 0.658 |
| * Ability to work cooperatively with diverse people | 0.701 |  |       |

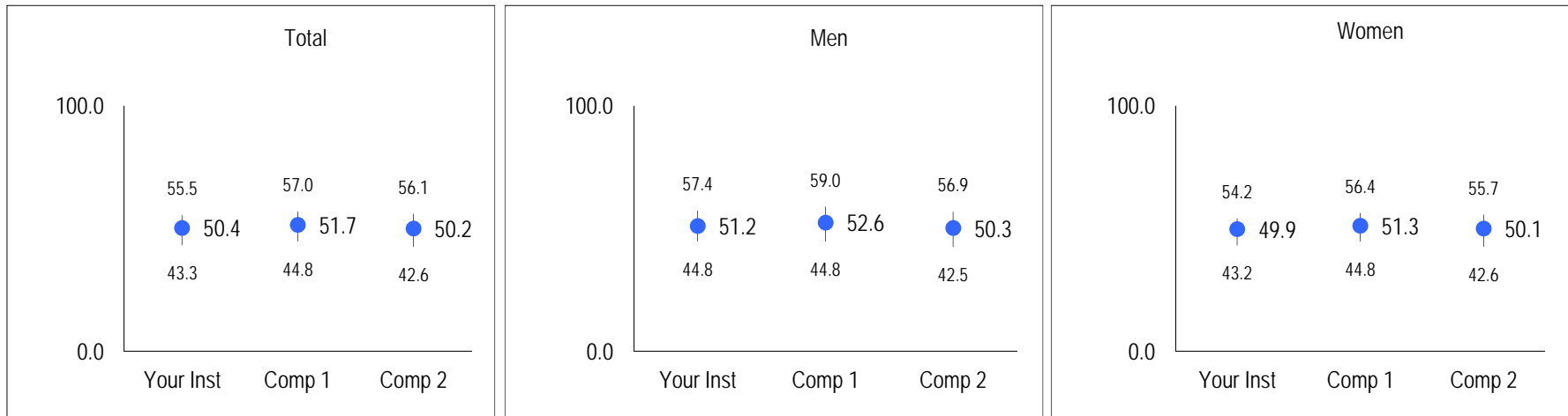
**Cronbach's  $\alpha = 0.820$**

**Factor Report**  
**Civic Engagement**  
Full-time Respondents

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

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	636	2,015	11,387	232	564	3,300	404	1,451	8,087
Mean	50.4	51.7	50.2	51.2	52.6	50.3	49.9	51.3	50.1
Standard deviation	9.42	9.52	10.01	9.47	10.14	10.40	9.37	9.24	9.84
Significance	-	**		-			-	**	
Effect size	-	-0.14	0.02	-	-0.14	0.08	-	-0.15	-0.02
25th percentile	43.3	44.8	42.6	44.8	44.8	42.5	43.2	44.8	42.6
75th percentile	55.5	57.0	56.1	57.4	59.0	56.9	54.2	56.4	55.7

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



**Survey items and factor loadings:**

Since entering this college, how often have you:

* Demonstrated for a cause (e.g., boycott, rally, protest)	0.770	* Worked on a local, state, or national political campaign	0.640
* Publically communicated your opinion about a cause (e.g., blog, email, petition)	0.732	* Discussed politics	0.574
* Helped raise money for a cause or campaign	0.681	* Performed community service	0.549

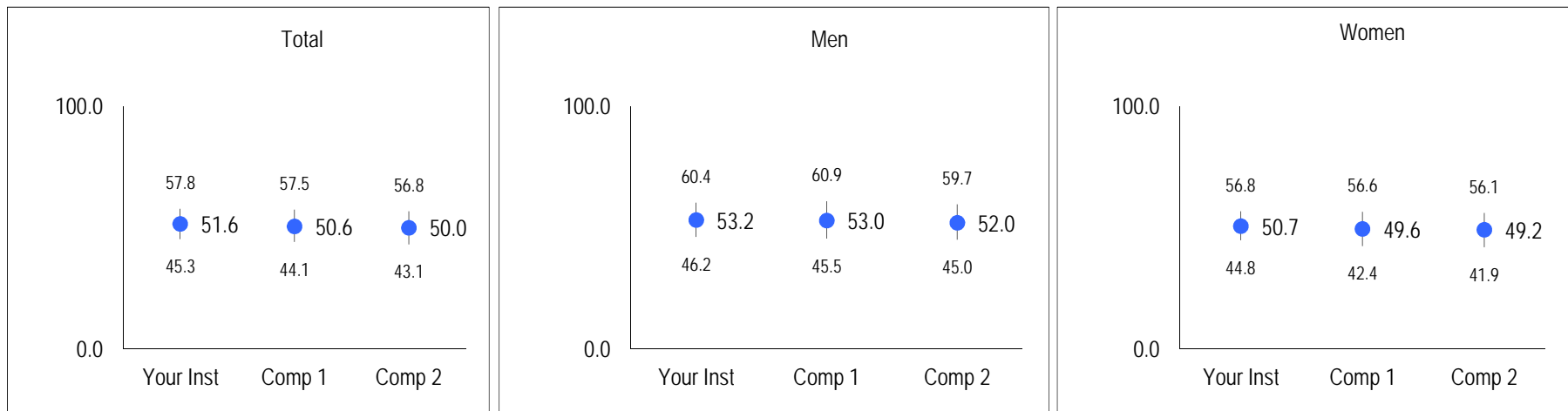
**Cronbach's  $\alpha = 0.816$**

**Factor Report**  
**Academic Self-Concept**  
Full-time Respondents

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

Point Loma Nazarene University	Total			Men			Women		
	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2	Your Inst	Comp 1	Comp 2
Total (n)	766	2,596	14,656	271	752	4,383	495	1,844	10,273
Mean	51.6	50.6	50.0	53.2	53.0	52.0	50.7	49.6	49.2
Standard deviation	9.43	9.93	10.00	9.50	10.47	10.11	9.27	9.53	9.83
Significance	-	*	***	-			-	*	***
Effect size	-	0.10	0.15	-	0.01	0.11	-	0.11	0.15
25th percentile	45.3	44.1	43.1	46.2	45.5	45.0	44.8	42.4	41.9
75th percentile	57.8	57.5	56.8	60.4	60.9	59.7	56.8	56.6	56.1

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



**Survey items and factor loadings:**

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

- \* Academic ability 0.808
- \* Self-confidence (intellectual) 0.670
- \* Drive to achieve 0.559
- \* Mathematical ability 0.528

**Cronbach's  $\alpha = 0.725$**