



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

2022-2023 Diverse Learning Environments Survey Factor Reports

Full-Time Respondents

Truman State University

Comparison group 1: All Public 4-Yr Colleges

Comparison group 2: All Public Institutions

Table of Contents

Factor Reports

How to Read the Factor Reports	H1
a. Sense of Belonging	1A
b. General Interpersonal Validation	1B
c. Academic Validation in the Classroom	1C
d. Institutional Commitment to Diversity	1D
e. Critical Consciousness and Action	1E
f. Harassment	1F
g. Discrimination and Bias	1G
h. Conversations Across Difference	1H
i. Curriculum of Inclusion	1I
j. Co-Curricular Diversity Activities (Campus-facilitated)	1J
k. Habits of Mind	1K
l. Pluralistic Orientation	1L
m. Civic Engagement	1M
n. Social Agency	1N
o. Academic Self-Concept	1O

Detailed information on factors can be found at https://www.heri.ucla.edu/PDFs/constructs/DLE_Factor_Appendix_2019.pdf

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.

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

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

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).

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 reliability of the factor.

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

Sample University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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	0.16
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

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 0.914
- * I feel that I am a member of this college 0.821
- * If asked, I would recommend this college to others 0.652

Cronbach's α = 0.835

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.

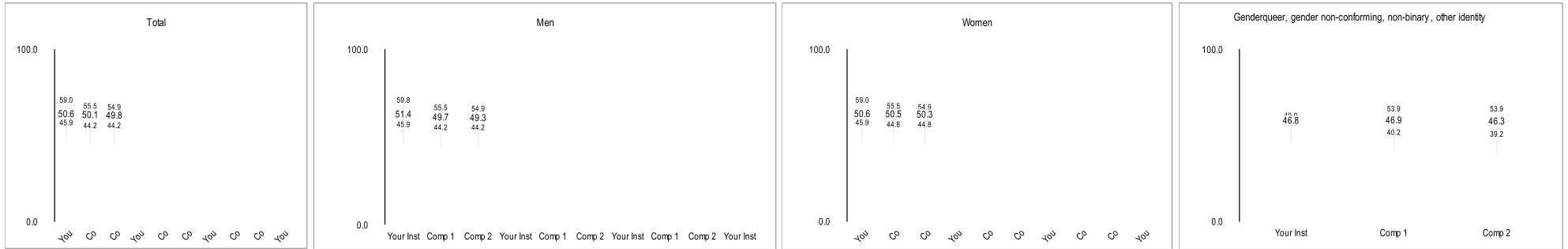
Charts – Provide a visual display of relevant factor scores for your institution and two comparison groups. The numbers at the top and bottom of the vertical line are values for the 75th and 25th percentile.

**2022-2023 Diverse Learning Environments Survey
 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.

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	189	2,927	4,915	44	883	1,409	130	1,901	3,219	14	140	282
Mean	50.6	50.1	49.8	51.4	49.7	49.3	50.6	50.5	50.3	46.8	46.9	46.3
Standard deviation	9.86	10.13	10.07	9.45	10.73	10.60	9.99	9.79	9.71	9.31	10.00	10.48
Significance	-	-	-	-	-	-	-	-	-	-	-	-
Effect size	-	0.05	0.08	-	0.16	0.20	-	0.01	0.04	-	-0.02	0.04
25th percentile	45.9	44.2	44.2	45.9	44.2	44.2	45.9	44.8	44.8	45.9	40.2	39.2
75th percentile	59.0	55.5	54.9	59.8	55.5	54.9	59.0	55.5	54.9	49.9	53.9	53.9

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:

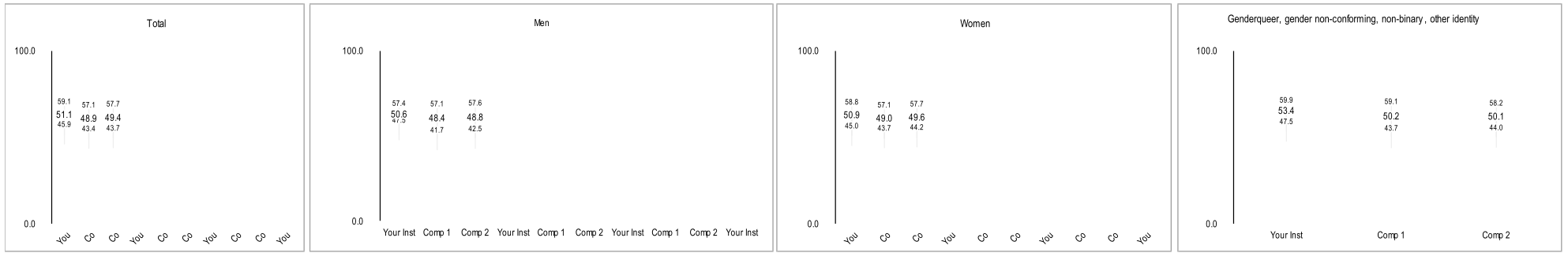
- * I feel a sense of belonging to this campus 0.914
- * I feel that I am a member of this college 0.821
- * If asked, I would recommend this college to others 0.652

Cronbach's $\alpha = 0.835$

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	191	2,886	4,851	44	868	1,390	132	1,876	3,176	14	139	280
Mean	51.1	48.9	49.4	50.6	48.4	48.8	50.9	49.0	49.6	53.4	50.2	50.1
Standard deviation	9.70	10.57	10.41	9.62	10.97	10.80	9.94	10.33	10.27	7.23	10.68	9.78
Significance	-	**	*	-	-	-	-	*	-	-	-	-
Effect size	-	0.21	0.17	-	0.20	0.16	-	0.18	0.13	-	0.30	0.34
25th percentile	45.9	43.4	43.7	47.5	41.7	42.5	45.0	43.7	44.2	47.5	43.7	44.0
75th percentile	59.1	57.1	57.7	57.4	57.1	57.6	58.8	57.1	57.7	59.9	59.1	58.2

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:

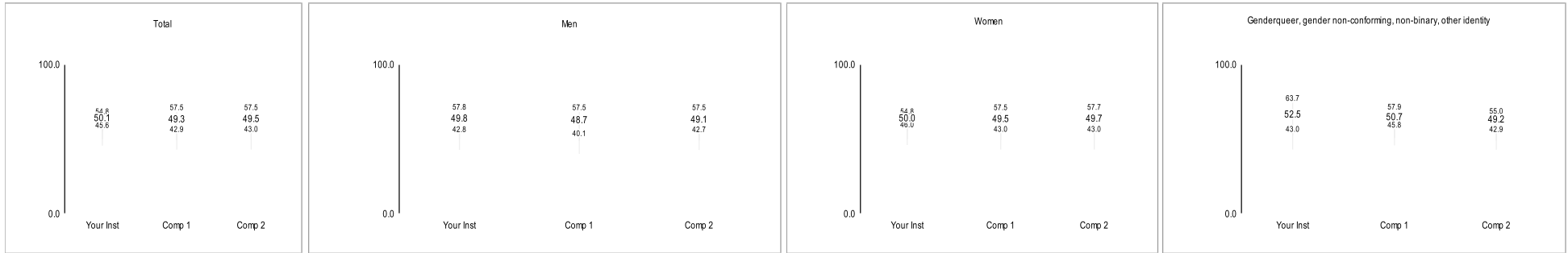
* At least one faculty member has taken an interest in my development	0.808	* Faculty empower me to learn here	0.654
* Faculty believe in my potential to succeed academically	0.786	* Staff encourage me to get involved in campus activities	0.495
* At least one staff member has taken an interest in my development	0.752		

Cronbach's $\alpha = 0.820$

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	163	2,498	4,199	36	766	1,213	117	1,615	2,739	10	116	244
Mean	50.1	49.3	49.5	49.8	48.7	49.1	50.0	49.5	49.7	52.5	50.7	49.2
Standard deviation	8.74	10.38	10.22	10.90	10.90	10.68	7.96	10.19	10.06	9.49	9.25	9.60
Significance	-	-	-	-	-	-	-	-	-	-	-	-
Effect size	-	0.08	0.06	-	0.10	0.07	-	0.05	0.02	-	0.19	0.35
25th percentile	45.6	42.9	43.0	42.8	40.1	42.7	46.0	43.0	43.0	43.0	45.8	42.9
75th percentile	54.8	57.5	57.5	57.8	57.5	57.5	54.8	57.5	57.7	63.7	57.9	55.0

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:

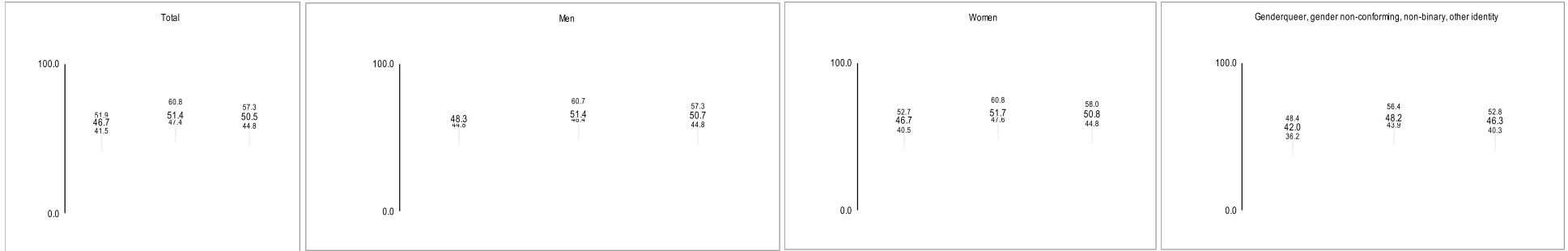
- * Felt that my contributions were valued 0.878
- * Felt that faculty provided me with feedback that helped me assess my progress in class 0.859
- * Felt that faculty encouraged me to ask questions and participate in discussions 0.804
- * Faculty were able to determine my level of understanding of the course material 0.787

Cronbach's α = 0.900

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	181	2,791	4,698	42	845	1,349	128	1,815	3,078	11	129	267
Mean	46.7	51.4	50.5	48.3	51.4	50.7	46.7	51.7	50.8	42.0	48.2	46.3
Standard deviation	9.42	9.88	9.96	8.74	9.91	9.72	9.49	9.76	9.86	10.40	10.38	11.03
Significance	-	***	***	-	*	-	-	***	***	-	-	-
Effect size	-	-0.47	-0.38	-	-0.32	-0.25	-	-0.51	-0.42	-	-0.60	-0.40
25th percentile	41.5	47.4	44.8	44.8	48.4	44.8	40.5	47.6	44.8	36.2	43.9	40.3
75th percentile	51.9	60.8	57.3	49.4	60.7	57.3	52.7	60.8	58.0	48.4	56.4	52.8

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:

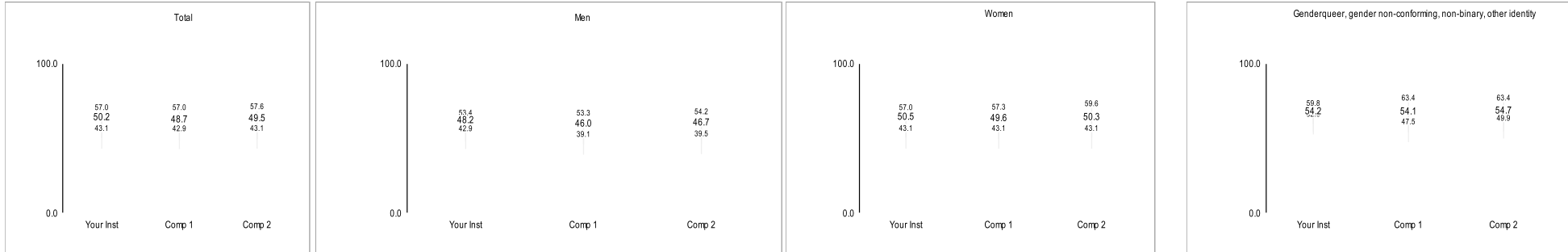
* Promotes the appreciation of cultural differences	0.815	* Has campus administrators who regularly speak about the value of diversity	0.646
* Has a long-standing commitment to diversity	0.805		
* Accurately reflects the diversity of the student body in publications (e.g., brochures, website)	0.786		

Cronbach's $\alpha = 0.845$

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	173	2,614	4,420	39	794	1,273	123	1,697	2,888	11	122	256
Mean	50.2	48.7	49.5	48.2	46.0	46.7	50.5	49.6	50.3	54.2	54.1	54.7
Standard deviation	8.50	10.35	10.15	9.15	10.77	10.50	8.25	9.89	9.79	7.73	9.63	8.73
Significance	-	-	-	-	-	-	-	-	-	-	-	-
Effect size	-	0.14	0.07	-	0.21	0.15	-	0.09	0.02	-	0.01	-0.06
25th percentile	43.1	42.9	43.1	42.9	39.1	39.5	43.1	43.1	43.1	52.6	47.5	49.9
75th percentile	57.0	57.0	57.6	53.4	53.3	54.2	57.0	57.3	59.6	59.8	63.4	63.4

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



Survey items and factor loadings:

How often in the past year did you:

* Critically evaluate your own privilege on an issue in regards to race/ethnicity, class, or immigration status

0.729

* Recognize the biases that affect your own thinking

0.677

* Make an effort to educate others about social issues

0.745

* Feel challenged to think more broadly about an issue

0.600

* Challenge others on issues of discrimination

0.717

* Make an effort to get to know people from diverse backgrounds

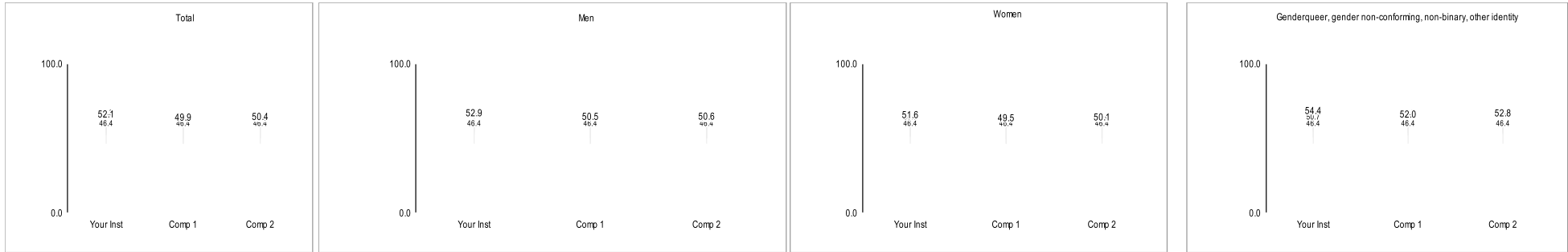
0.538

Cronbach's $\alpha = 0.829$

Harassment measures the frequency that students experience threats or harassment.

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	167	2,550	4,299	35	777	1,243	121	1,653	2,807	11	119	246
Mean	52.1	49.9	50.4	52.9	50.5	50.6	51.6	49.5	50.1	54.4	52.0	52.8
Standard deviation	12.32	10.82	10.76	11.34	13.30	12.37	12.48	9.48	9.94	14.28	9.91	10.70
Significance	-	*		-			-	*		-		
Effect size	-	0.20	0.15	-	0.18	0.18	-	0.22	0.15	-	0.24	0.15
25th percentile	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
75th percentile	53.5	46.4	49.9	54.3	46.4	49.8	50.7	46.4	49.9	50.7	53.6	54.0

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



Survey items and factor loadings:

Please indicate how often you have *personally* experienced the following forms of bias/harassment/discrimination at this college:

* Physical assaults or injuries	0.786
* Threats of physical violence	0.750
* Damage to personal property	0.689
At this college, how often have you:	
* Reported an incident of sexual harassment to a campus authority	0.637

Cronbach's $\alpha = 0.825$

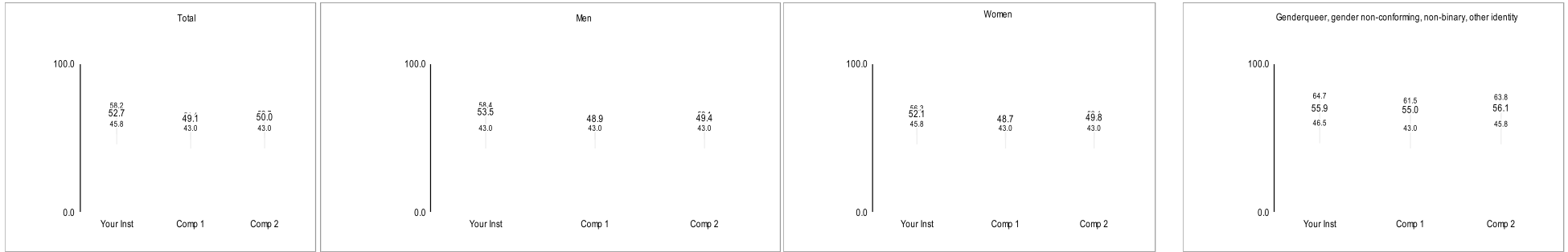
Please indicate how often you have *personally* experienced the following forms of bias/harassment/discrimination at this college:

* Anonymous phone calls	0.562
At this college, how often have you:	
* Been sexually harassed	0.604
* Reported an incident of discrimination to a campus authority	0.538

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	168	2,574	4,349	36	789	1,257	121	1,666	2,838	11	118	251
Mean	52.7	49.1	50.0	53.5	48.9	49.4	52.1	48.7	49.8	55.9	55.0	56.1
Standard deviation	10.61	10.00	10.39	12.11	10.38	10.50	10.02	9.46	9.87	11.98	12.70	13.22
Significance	-	***	**	-	**	*	-	***	**	-	-	-
Effect size	-	0.36	0.26	-	0.44	0.39	-	0.36	0.24	-	0.08	-0.01
25th percentile	45.8	43.0	43.0	43.0	43.0	43.0	45.8	43.0	43.0	46.5	43.0	45.8
75th percentile	58.2	51.4	52.7	58.4	49.6	52.1	56.3	50.1	52.4	64.7	61.5	63.8

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



Survey items and factor loadings:

Please indicate how often you have *personally* experienced the following forms of bias/harassment/discrimination at this college:

- * Verbal comments 0.798
- * Cyberbullying (e.g., emails, texts, social media) 0.691
- * Offensive visual images or items 0.646
- * Exclusion (e.g., from gatherings, events) 0.700

At this college, how often have you:

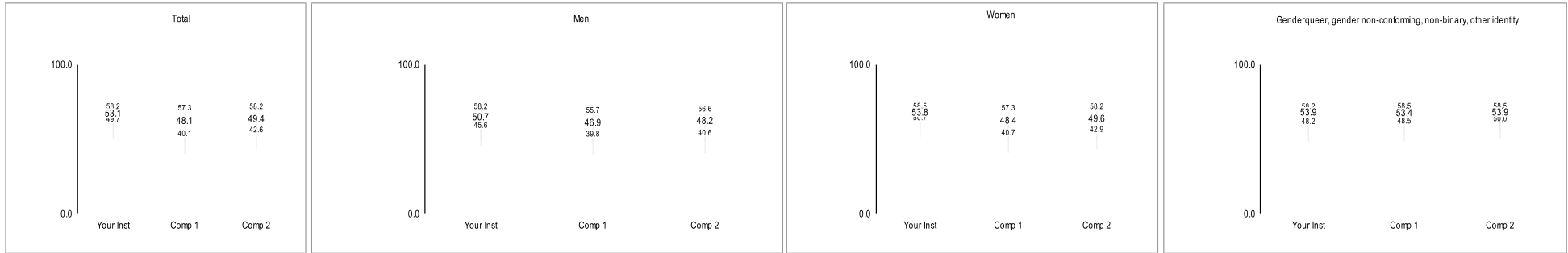
- * Witnessed discrimination 0.628

Cronbach's $\alpha = 0.811$

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	173	2,619	4,428	39	797	1,277	123	1,700	2,891	11	121	257
Mean	53.1	48.1	49.4	50.7	46.9	48.2	53.8	48.4	49.6	53.9	53.4	53.9
Standard deviation	7.25	10.63	10.09	10.26	10.95	10.54	6.03	10.49	9.99	5.41	8.19	7.10
Significance	-	***	***	-	*		-	***	***	-		
Effect size	-	0.47	0.37	-	0.35	0.23	-	0.52	0.42	-	0.06	0.00
25th percentile	49.7	40.1	42.6	45.6	39.8	40.6	50.7	40.7	42.9	48.2	48.5	50.0
75th percentile	58.2	57.3	58.2	58.2	55.7	56.6	58.5	57.3	58.2	58.2	58.5	58.5

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 religion different from your own 0.755
- * From a socioeconomic class different from your own 0.759
- * Of a sexual orientation different from your own 0.724
- * With a disability 0.594
- * From a country other than your own 0.550

Cronbach's $\alpha = 0.795$

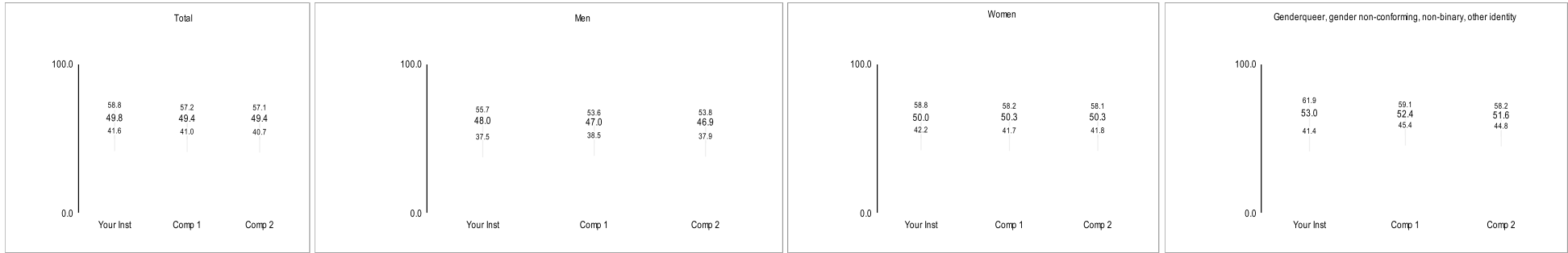
How often in the past year did you:

- * Discuss issues related to sexism, gender differences, or gender equity 0.440

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	146	2,075	3,520	30	625	1,018	106	1,344	2,277	10	106	225
Mean	49.8	49.4	49.4	48.0	47.0	46.9	50.0	50.3	50.3	53.0	52.4	51.6
Standard deviation	9.53	10.02	10.07	9.79	9.57	9.63	9.20	10.05	10.11	12.03	9.57	9.57
Significance	-	-	-	-	-	-	-	-	-	-	-	-
Effect size	-	0.04	0.04	-	0.10	0.10	-	-0.03	-0.03	-	0.07	0.15
25th percentile	41.6	41.0	40.7	37.5	38.5	37.9	42.2	41.7	41.8	41.4	45.4	44.8
75th percentile	58.8	57.2	57.1	55.7	53.6	53.8	58.8	58.2	58.1	61.9	59.1	58.2

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?

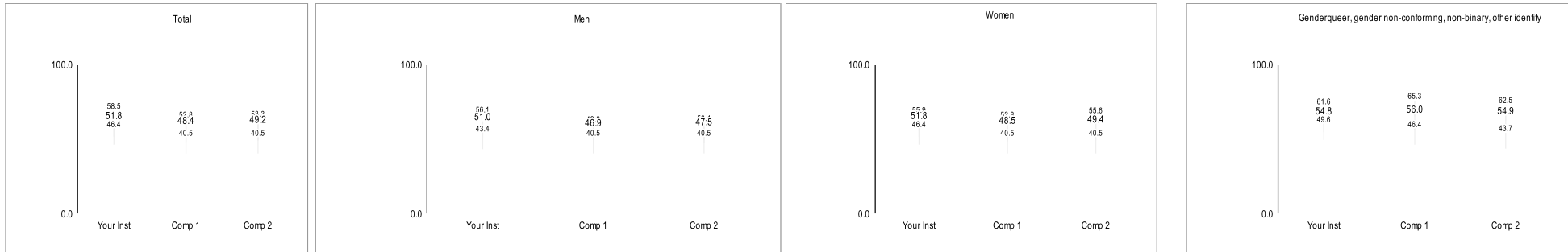
* Materials/readings about privilege	0.884	* Materials/readings about gender/gender identity	0.857
* Materials/readings about socioeconomic class differences	0.872	* Materials/readings about disability	0.738
* Material/readings about race/ethnicity	0.873	* Opportunities for intensive dialogue between students with different backgrounds and beliefs	0.485
* Materials/readings about sexual orientation	0.869	* Opportunities to study and serve communities in need (e.g., service learning)	0.297

Cronbach's $\alpha = 0.906$

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	163	2,434	4,095	36	750	1,190	117	1,569	2,659	10	115	244
Mean	51.8	48.4	49.2	51.0	46.9	47.5	51.8	48.5	49.4	54.8	56.0	54.9
Standard deviation	8.54	9.57	9.94	8.28	9.16	9.36	8.74	9.30	9.79	6.97	11.92	11.71
Significance	-	***	**	-	**	*	-	***	**	-	-	-
Effect size	-	0.35	0.26	-	0.44	0.37	-	0.35	0.25	-	-0.10	-0.01
25th percentile	46.4	40.5	40.5	43.4	40.5	40.5	46.4	40.5	40.5	49.6	46.4	43.7
75th percentile	58.5	52.8	53.3	56.1	49.8	50.4	55.9	52.8	55.6	61.6	65.3	62.5

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



Survey items and factor loadings:

Since entering this college, how often have you:

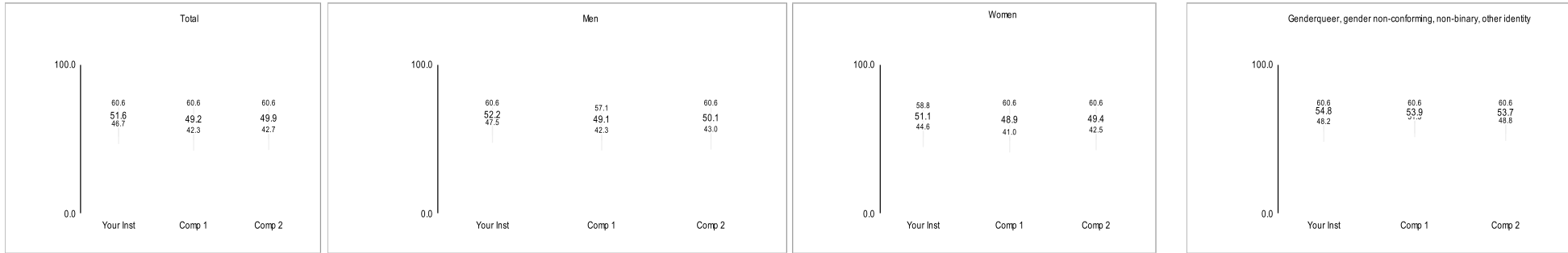
- * Participated in ongoing campus-organized discussions on racial/ethnic issues (e.g., intergroup dialogue) 0.876
- * Attended events focused on diversity (e.g., presentations, performances, art exhibits, debates) 0.784
- * Participated in Campus Center activities (e.g., LGBTQ+, Racial/Ethnic, Cultural, Women's/Men's, Religious, Disability Centers) 0.812

Cronbach's $\alpha = 0.862$

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.

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	167	2,556	4,323	36	777	1,246	120	1,660	2,822	11	118	252
Mean	51.6	49.2	49.9	52.2	49.1	50.1	51.1	48.9	49.4	54.8	53.9	53.7
Standard deviation	8.55	10.44	10.10	9.30	10.66	10.23	8.53	10.37	10.14	5.55	8.59	8.01
Significance	-	**	*	-			-	*		-		
Effect size	-	0.23	0.17	-	0.29	0.21	-	0.22	0.17	-	0.11	0.14
25th percentile	46.7	42.3	42.7	47.5	42.3	43.0	44.6	41.0	42.5	48.2	51.3	48.8
75th percentile	60.6	60.6	60.6	60.6	57.1	60.6	58.8	60.6	60.6	60.6	60.6	60.6

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	0.772	* Look up scientific research articles and resources	0.623
* Support your opinions with a logical argument	0.738	* Accept mistakes as part of the learning process	0.541
* Explore topics on your own, even though it was not required for class	0.653		

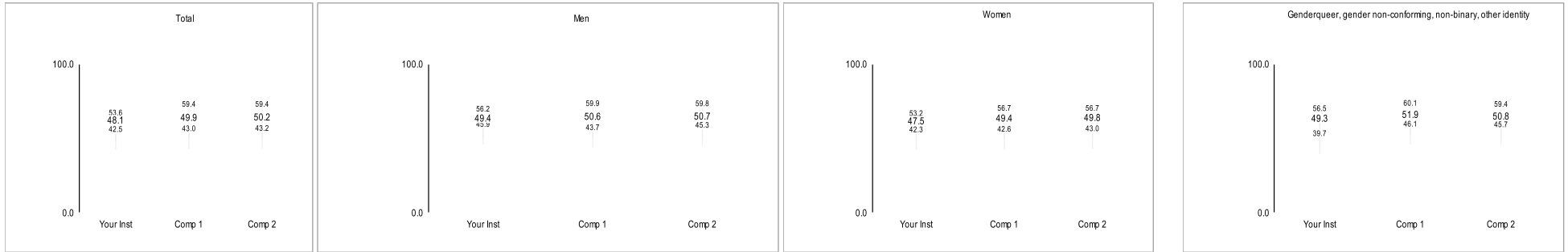
Cronbach's $\alpha = 0.798$

**2022-2023 Diverse Learning Environments Survey
 Factor Report
 Pluralistic Orientation
 Full-Time Respondents**

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	191	2,935	4,934	44	885	1,415	132	1,911	3,234	14	136	280
Mean	48.1	49.9	50.2	49.4	50.6	50.7	47.5	49.4	49.8	49.3	51.9	50.8
Standard deviation	8.91	10.24	9.98	9.60	10.57	10.30	8.74	10.08	9.87	8.61	9.86	9.52
Significance	-	*	**	-	-	-	-	*	**	-	-	-
Effect size	-	-0.17	-0.20	-	-0.11	-0.13	-	-0.19	-0.23	-	-0.26	-0.15
25th percentile	42.5	43.0	43.2	45.9	43.7	45.3	42.3	42.6	43.0	39.7	46.1	45.7
75th percentile	53.6	59.4	59.4	56.2	59.9	59.8	53.2	56.7	56.7	56.5	60.1	59.4

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



Survey items and factor loadings:

How would you currently rate yourself in the following areas:

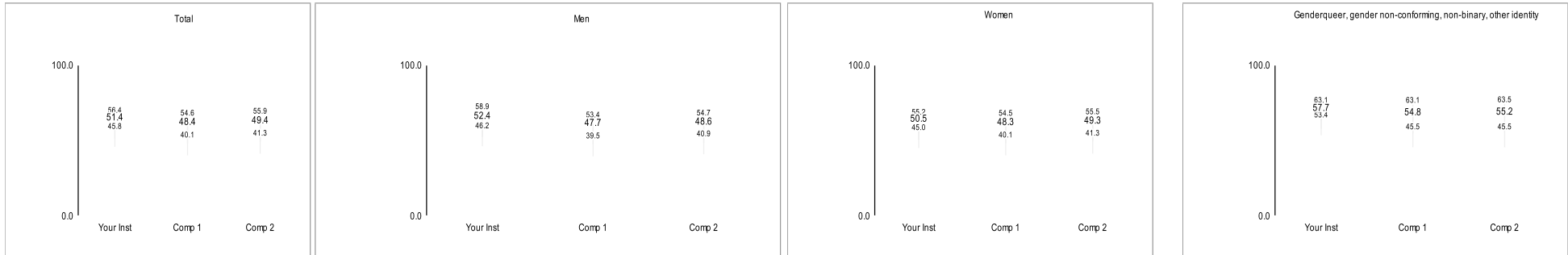
* Openness to having my own views challenged	0.718	* Ability to discuss and negotiate controversial issues	0.641
* Tolerance of others with different beliefs	0.633	* Ability to work cooperatively with diverse people	0.586
* Ability to see the world from someone else's perspective	0.594		

Cronbach's α = 0.768

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	163	2,433	4,092	36	752	1,192	117	1,566	2,656	10	114	241
Mean	51.4	48.4	49.4	52.4	47.7	48.6	50.5	48.3	49.3	57.7	54.8	55.2
Standard deviation	8.32	9.88	10.03	8.61	9.76	9.83	8.06	9.71	9.85	7.97	10.95	11.06
Significance	-	***	*	-	**	*	-	*		-		
Effect size	-	0.30	0.20	-	0.48	0.39	-	0.23	0.13	-	0.26	0.22
25th percentile	45.8	40.1	41.3	46.2	39.5	40.9	45.0	40.1	41.3	53.4	45.5	45.5
75th percentile	56.4	54.6	55.9	58.9	53.4	54.7	55.2	54.5	55.5	63.1	63.1	63.5

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



Survey items and factor loadings:

Since entering this college, how often have you:

* Publicly communicated your opinion about a cause (e.g., blog, email, petition) 0.820

* Demonstrated for a cause (e.g., boycott, rally, protest) 0.728

* Discussed politics 0.683

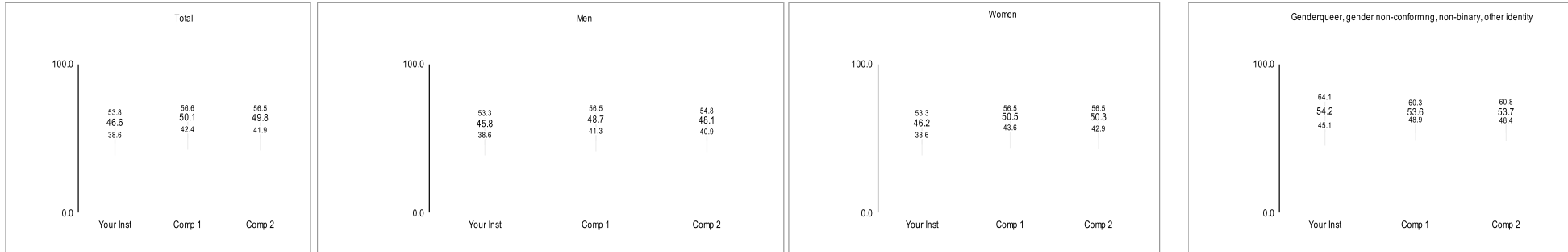
* Performed community service 0.457

Cronbach's $\alpha = 0.759$

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	179	2,710	4,577	43	825	1,321	125	1,758	2,993	11	125	259
Mean	46.6	50.1	49.8	45.8	48.7	48.1	46.2	50.5	50.3	54.2	53.6	53.7
Standard deviation	10.20	10.31	10.15	9.23	11.00	10.66	10.19	9.89	9.84	11.76	10.02	9.47
Significance	-	***	***	-	-	-	-	***	***	-	-	-
Effect size	-	-0.34	-0.32	-	-0.27	-0.22	-	-0.44	-0.41	-	0.06	0.06
25th percentile	38.6	42.4	41.9	38.6	41.3	40.9	38.6	43.6	42.9	45.1	48.9	48.4
75th percentile	53.8	56.6	56.5	53.3	56.5	54.8	53.3	56.5	56.5	64.1	60.3	60.8

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



Survey items and factor loadings:

Please indicate the importance to you personally of each of the following:

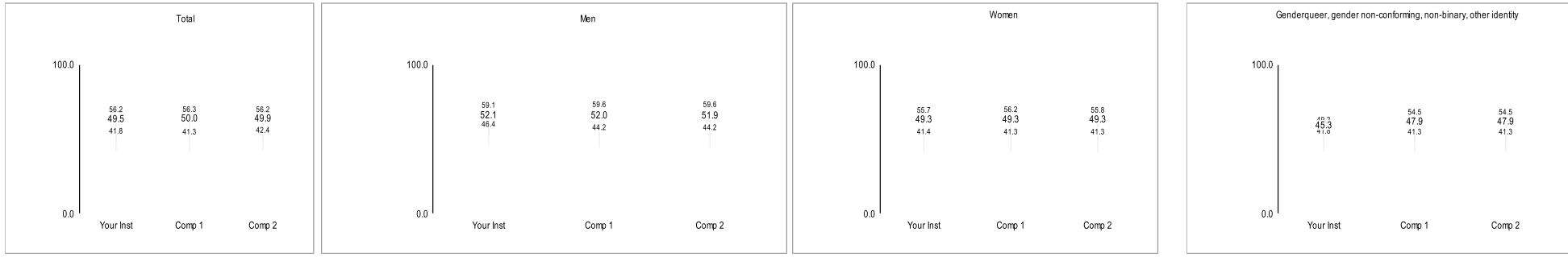
- * Influencing the political structure (e.g., voting, education campaigns, get-out-the-vote efforts) 0.802
- * Keeping up to date with political affairs 0.715
- * Influencing social values 0.618
- * Helping to promote racial understanding 0.605

Cronbach's α = 0.780

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

Truman State University	Total			Men			Women			Genderqueer, gender non-conforming, non-binary, other identity		
	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)	190	2,926	4,918	43	881	1,407	132	1,903	3,224	14	140	283
Mean	49.5	50.0	49.9	52.1	52.0	51.9	49.3	49.3	49.3	45.3	47.9	47.9
Standard deviation	10.22	10.37	10.16	10.86	10.64	10.59	10.08	10.09	9.87	7.23	10.49	9.95
Significance	-	-	-	-	-	-	-	-	-	-	-	-
Effect size	-	-0.05	-0.04	-	0.01	0.02	-	0.00	0.00	-	-0.24	-0.26
25th percentile	41.8	41.3	42.4	46.4	44.2	44.2	41.4	41.3	41.3	41.8	41.3	41.3
75th percentile	56.2	56.3	56.2	59.1	59.6	59.6	55.7	56.2	55.8	49.3	54.5	54.5

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 0.768
- * Self-confidence (intellectual) 0.665
- * Drive to achieve 0.582
- * Mathematical ability 0.483

Cronbach's α = 0.708