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**NSSE 2014 Topical Module**  
**Global Perspectives—Cognitive and Social**  
University of Massachusetts Boston

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## About This Topical Module

NSSE has partnered with the Global Perspective Institute to derive a short module from the Global Perspective Inventory (GPI). The module probes the cognitive and social elements of a global perspective, asking about experiences with global learning and views on intercultural understanding. The module complements questions on the core survey about student experiences with people from different backgrounds, course emphasis on integrative and reflective learning, and participation in study abroad.

## Comparison Group

This section summarizes how this module's comparison group was identified, including selection criteria and whether the default option was taken. This is followed by the resulting list of institutions represented in the 'Public 4-Year Inst' column of this report.

Group label	Public 4-Year Inst
Date submitted	6/12/14
How was this comparison group constructed?	Your institution customized this group by selecting institutional characteristics as follows: Sector (Pub)
Group description	Public 4-year institutions responding to the "Global Perspectives" module.

## 'Public 4-Year Inst' institutions (N=22)

Auburn University (Auburn University, AL)  
 Bridgewater State University (Bridgewater, MA)  
 CUNY Herbert H. Lehman College (Bronx, NY)  
 Fayetteville State University (Fayetteville, NC)  
 Montana State University-Bozeman (Bozeman, MT)  
 SUNY College at Oneonta (Oneonta, NY)  
 SUNY College of Environmental Science and Forestry (Syracuse, NY)  
 Tennessee Technological University (Cookeville, TN)  
 The State University of New York at Geneseo (Geneseo, NY)  
 The University of Texas at Arlington (Arlington, TX)  
 University of Alabama at Birmingham (Birmingham, AL)  
 University of Delaware (Newark, DE)  
 University of Illinois at Urbana-Champaign (Urbana, IL)  
 University of Louisiana at Lafayette (Lafayette, LA)  
 University of Michigan-Dearborn (Dearborn, MI)  
 University of Minnesota-Crookston (Crookston, MN)  
 University of Mississippi (University, MS)  
 University of Northern Iowa (Cedar Falls, IA)  
 University of Wisconsin-River Falls (River Falls, WI)  
 Utah Valley University (Orem, UT)  
 Winthrop University (Rock Hill, SC)  
 Worcester State University (Worcester, MA)

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UMass Boston		Public 4-Year Inst		UMass Boston	Public 4-Year Inst	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. How much do you agree or disagree with the following statements?</b>										
a. When I notice cultural differences, my culture tends to have the better approach.	GPI01a	1	Strongly disagree	11	7	314	5	<b>3.1</b>	3.1	.02
		2	Disagree	18	12	848	13			
		3	Neither agree nor disagree	77	55	3,581	57			
		4	Agree	22	15	1,150	18			
		5	Strongly agree	12	10	380	6			
		Total		140	100	6,273	100			
b. Most of my friends are from my own ethnic background.	GPI01b	1	Strongly disagree	17	12	353	6	<b>3.1</b>	3.4 ***	-0.33
		2	Disagree	29	20	1,111	18			
		3	Neither agree nor disagree	33	26	1,071	18			
		4	Agree	45	33	2,857	46			
		5	Strongly agree	13	9	875	14			
		Total		137	100	6,267	100			
c. I think of my life in terms of giving back to society.	GPI01c	1	Strongly disagree	3	2	82	1	<b>3.6</b>	3.6	-0.01
		2	Disagree	13	9	507	9			
		3	Neither agree nor disagree	45	34	2,018	33			
		4	Agree	55	37	2,747	43			
		5	Strongly agree	24	18	888	14			
		Total		140	100	6,242	100			
d. Some people have a culture and others do not.	GPI01d	1	Strongly disagree	24	17	1,271	21	<b>2.7</b>	2.5	.15
		2	Disagree	39	28	2,020	32			
		3	Neither agree nor disagree	45	33	1,731	28			
		4	Agree	21	15	944	15			
		5	Strongly agree	10	7	270	4			
		Total		139	100	6,236	100			
e. In different settings, what is right and wrong is simple to determine.	GPI01e	1	Strongly disagree	10	7	429	7	<b>3.2</b>	3.2	-0.01
		2	Disagree	23	17	1,452	23			
		3	Neither agree nor disagree	56	40	1,688	27			
		4	Agree	35	26	2,050	33			
		5	Strongly agree	14	10	626	10			
		Total		138	100	6,245	100			
f. I am informed of current issues that impact international relations.	GPI01f	1	Strongly disagree	6	3	214	3	<b>3.5</b>	3.4	.11
		2	Disagree	18	11	1,105	17			
		3	Neither agree nor disagree	46	34	1,771	28			
		4	Agree	47	34	2,457	40			
		5	Strongly agree	21	17	681	12			
		Total		138	100	6,228	100			
g. I understand the reasons and causes of conflict among nations of different cultures.	GPI01g	1	Strongly disagree	4	2	134	2	<b>3.6</b>	3.5	.03
		2	Disagree	16	11	828	12			
		3	Neither agree nor disagree	44	33	1,769	28			
		4	Agree	55	38	2,856	46			
		5	Strongly agree	21	16	665	11			
		Total		140	100	6,252	100			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to the Endnotes page for a key to the triangle symbols.  
 Note: For some items, lower scores are preferable due to wording.

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UMass Boston		Public 4-Year Inst		UMass Boston	Public 4-Year Inst	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. I work for the rights of others.	GPI01h	1	Strongly disagree	1	1	80	1	<b>3.5</b>	3.5	.02
		2	Disagree	7	4	511	8			
		3	Neither agree nor disagree	75	54	2,647	42			
		4	Agree	37	27	2,350	37			
		5	Strongly agree	19	14	660	11			
		Total		139	100	6,248	100			
i. I take into account different perspectives before drawing conclusions about the world around me.	GPI01i	1	Strongly disagree	1	1	29	0	<b>4.0</b>	4.0	-.04
		2	Disagree	3	2	181	3			
		3	Neither agree nor disagree	39	28	1,103	18			
		4	Agree	54	37	3,414	54			
		5	Strongly agree	43	31	1,514	24			
		Total		140	100	6,241	100			
j. I understand how various cultures of this world interact socially.	GPI01j	1	Strongly disagree	1	1	54	1	<b>3.8</b>	3.7	.17
		2	Disagree	4	3	534	8			
		3	Neither agree nor disagree	44	31	1,724	28			
		4	Agree	63	45	3,073	49			
		5	Strongly agree	28	20	845	14			
		Total		140	100	6,230	100			
k. I consider different cultural perspectives when evaluating global problems.	GPI01k	1	Strongly disagree	1	1	61	1	<b>3.9</b>	3.8 *	.17
		2	Disagree	3	2	314	5			
		3	Neither agree nor disagree	43	29	1,737	28			
		4	Agree	55	40	3,078	49			
		5	Strongly agree	36	27	1,026	17			
		Total		138	100	6,216	100			
l. I rely primarily on authorities to determine what is true in the world.	GPI01l	1	Strongly disagree	22	16	911	15	<b>2.8</b>	2.5 *	.20
		2	Disagree	33	23	2,279	36			
		3	Neither agree nor disagree	50	35	1,895	30			
		4	Agree	29	21	961	15			
		5	Strongly agree	6	5	197	3			
		Total		140	100	6,243	100			
m. I know how to analyze the basic characteristics of a culture.	GPI01m	1	Strongly disagree	2	2	40	1	<b>3.6</b>	3.6	-.01
		2	Disagree	6	4	389	6			
		3	Neither agree nor disagree	51	36	1,879	30			
		4	Agree	62	45	3,397	55			
		5	Strongly agree	18	13	525	9			
		Total		139	100	6,230	100			
n. I put the needs of others above my own personal wants.	GPI01n	1	Strongly disagree	4	4	66	1	<b>3.5</b>	3.6	-.20
		2	Disagree	12	9	467	8			
		3	Neither agree nor disagree	58	43	1,996	32			
		4	Agree	39	27	2,794	45			
		5	Strongly agree	26	18	908	14			
		Total		139	100	6,231	100			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to the Endnotes page for a key to the triangle symbols.  
Note: For some items, lower scores are preferable due to wording.

## First-Year Students

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UMass Boston		Public 4-Year Inst		UMass Boston	Public 4-Year Inst	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
o. I can discuss cultural differences from an informed perspective.	GPI01o	1	Strongly disagree	3	2	55	1	<b>3.7</b>	3.6	.08
		2	Disagree	8	5	592	9			
		3	Neither agree nor disagree	48	34	1,980	31			
		4	Agree	59	43	2,934	48			
		5	Strongly agree	22	16	650	11			
		Total		140	100	6,211	100			
p. I intentionally involve people from many cultural backgrounds in my life.	GPI01p	1	Strongly disagree	10	8	129	2	<b>3.4</b>	3.3	.08
		2	Disagree	12	8	923	15			
		3	Neither agree nor disagree	53	36	2,674	43			
		4	Agree	44	33	1,867	29			
		5	Strongly agree	20	14	638	10			
		Total		139	100	6,231	100			
q. I rarely question what I have been taught about the world around me.	GPI01q	1	Strongly disagree	29	22	1,075	18	<b>2.5</b>	2.5	.08
		2	Disagree	38	26	2,443	39			
		3	Neither agree nor disagree	44	31	1,579	25			
		4	Agree	20	15	951	15			
		5	Strongly agree	7	5	191	3			
		Total		138	100	6,239	100			
r. I consciously behave in terms of making a difference.	GPI01r	1	Strongly disagree	3	2	41	1	<b>3.6</b>	3.6	-.02
		2	Disagree	8	5	400	6			
		3	Neither agree nor disagree	57	41	2,248	37			
		4	Agree	49	35	2,875	45			
		5	Strongly agree	22	16	661	11			
		Total		139	100	6,225	100			
s. Volunteering is not an important priority in my life.	GPI01s	1	Strongly disagree	26	18	1,113	17	<b>2.7</b>	2.5	.14
		2	Disagree	37	26	2,341	36			
		3	Neither agree nor disagree	45	34	1,697	28			
		4	Agree	20	15	848	15			
		5	Strongly agree	9	6	207	3			
		Total		137	100	6,206	100			
t. I frequently interact with people from a different country from my own.	GPI01t	1	Strongly disagree	2	1	231	4	<b>3.8</b>	3.3 ***	.53
		2	Disagree	11	7	1,298	21			
		3	Neither agree nor disagree	34	25	1,905	31			
		4	Agree	53	38	1,998	31			
		5	Strongly agree	39	28	790	13			
		Total		139	100	6,222	100			
u. I frequently interact with people from a race/ethnic group different from my own.	GPI01u	1	Strongly disagree	3	2	96	2	<b>3.9</b>	3.7 *	.19
		2	Disagree	5	3	613	10			
		3	Neither agree nor disagree	38	28	1,530	25			
		4	Agree	49	35	2,633	42			
		5	Strongly agree	45	31	1,359	22			
		Total		140	100	6,231	100			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to the Endnotes page for a key to the triangle symbols.  
 Note: For some items, lower scores are preferable due to wording.

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UMass Boston		Public 4-Year Inst		UMass Boston	Public 4-Year Inst	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. How much do you agree or disagree with the following statements?</b>										
a. When I notice cultural differences, my culture tends to have the better approach.	GPI01a	1	Strongly disagree	17	8	731	7	<b>2.9</b>	2.9	-.02
		2	Disagree	42	20	1,845	17			
		3	Neither agree nor disagree	114	53	6,052	57			
		4	Agree	24	11	1,593	15			
		5	Strongly agree	17	8	448	4			
		Total		214	100	10,669	100			
b. Most of my friends are from my own ethnic background.	GPI01b	1	Strongly disagree	28	14	576	6	<b>3.0</b>	3.5 ***	-0.47
		2	Disagree	62	29	1,846	18			
		3	Neither agree nor disagree	32	15	1,596	15			
		4	Agree	69	32	5,022	46			
		5	Strongly agree	21	10	1,626	15			
		Total		212	100	10,666	100			
c. I think of my life in terms of giving back to society.	GPI01c	1	Strongly disagree	2	1	147	2	<b>3.7</b>	3.7	.05
		2	Disagree	16	8	834	8			
		3	Neither agree nor disagree	55	26	2,944	28			
		4	Agree	96	46	4,780	44			
		5	Strongly agree	42	19	1,938	18			
		Total		211	100	10,643	100			
d. Some people have a culture and others do not.	GPI01d	1	Strongly disagree	47	23	3,028	28	<b>2.4</b>	2.3 *	.16
		2	Disagree	80	38	3,675	34			
		3	Neither agree nor disagree	41	19	2,428	23			
		4	Agree	31	14	1,193	11			
		5	Strongly agree	13	7	287	3			
		Total		212	100	10,611	100			
e. In different settings, what is right and wrong is simple to determine.	GPI01e	1	Strongly disagree	21	11	943	9	<b>3.0</b>	3.0	-.03
		2	Disagree	61	28	3,016	28			
		3	Neither agree nor disagree	54	26	2,819	27			
		4	Agree	56	27	2,958	28			
		5	Strongly agree	19	9	898	9			
		Total		211	100	10,634	100			
f. I am informed of current issues that impact international relations.	GPI01f	1	Strongly disagree	6	3	320	3	<b>3.7</b>	3.5 **	.20
		2	Disagree	21	9	1,643	15			
		3	Neither agree nor disagree	46	21	2,707	25			
		4	Agree	101	48	4,569	44			
		5	Strongly agree	38	19	1,368	14			
		Total		212	100	10,607	100			
g. I understand the reasons and causes of conflict among nations of different cultures.	GPI01g	1	Strongly disagree	7	3	218	2	<b>3.6</b>	3.5	.12
		2	Disagree	24	10	1,478	13			
		3	Neither agree nor disagree	50	23	2,993	28			
		4	Agree	95	46	4,799	45			
		5	Strongly agree	35	17	1,157	12			
		Total		211	100	10,645	100			

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## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UMass Boston		Public 4-Year Inst		UMass Boston	Public 4-Year Inst	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
h. I work for the rights of others.	GPI01h	1	Strongly disagree	5	3	149	1	<b>3.4</b>	3.5	-.11
		2	Disagree	26	12	864	8			
		3	Neither agree nor disagree	81	38	4,185	40			
		4	Agree	73	34	4,062	38			
		5	Strongly agree	27	13	1,367	13			
		Total		212	100	10,627	100			
i. I take into account different perspectives before drawing conclusions about the world around me.	GPI01i	1	Strongly disagree	0	0	32	0	<b>4.2</b>	4.1 *	.17
		2	Disagree	6	3	210	2			
		3	Neither agree nor disagree	13	6	1,411	13			
		4	Agree	120	56	5,901	55			
		5	Strongly agree	73	35	3,058	29			
		Total		212	100	10,612	100			
j. I understand how various cultures of this world interact socially.	GPI01j	1	Strongly disagree	0	0	79	1	<b>3.8</b>	3.7 *	.16
		2	Disagree	22	10	801	7			
		3	Neither agree nor disagree	34	17	2,906	28			
		4	Agree	116	54	5,355	50			
		5	Strongly agree	40	19	1,472	14			
		Total		212	100	10,613	100			
k. I consider different cultural perspectives when evaluating global problems.	GPI01k	1	Strongly disagree	0	0	73	1	<b>4.1</b>	3.9 ***	.24
		2	Disagree	9	4	354	3			
		3	Neither agree nor disagree	22	10	2,447	23			
		4	Agree	125	59	5,588	53			
		5	Strongly agree	54	26	2,113	20			
		Total		210	100	10,575	100			
l. I rely primarily on authorities to determine what is true in the world.	GPI01l	1	Strongly disagree	42	20	1,949	19	<b>2.4</b>	2.4	-.01
		2	Disagree	86	41	4,315	40			
		3	Neither agree nor disagree	54	25	2,800	26			
		4	Agree	23	12	1,345	12			
		5	Strongly agree	6	3	217	2			
		Total		211	100	10,626	100			
m. I know how to analyze the basic characteristics of a culture.	GPI01m	1	Strongly disagree	2	1	52	0	<b>3.7</b>	3.7	-.05
		2	Disagree	10	5	655	6			
		3	Neither agree nor disagree	70	33	2,899	27			
		4	Agree	106	51	6,044	57			
		5	Strongly agree	20	10	947	9			
		Total		208	100	10,597	100			
n. I put the needs of others above my own personal wants.	GPI01n	1	Strongly disagree	1	1	105	1	<b>3.5</b>	3.6	-.12
		2	Disagree	20	9	796	8			
		3	Neither agree nor disagree	76	38	3,267	31			
		4	Agree	89	41	4,952	46			
		5	Strongly agree	24	11	1,493	14			
		Total		210	100	10,613	100			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to the Endnotes page for a key to the triangle symbols.  
 Note: For some items, lower scores are preferable due to wording.



## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				UMass Boston		Public 4-Year Inst		UMass Boston	Public 4-Year Inst	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
o. I can discuss cultural differences from an informed perspective.	GPI01o	1	Strongly disagree	1	0	81	1	<b>3.8</b>	3.7	.13
		2	Disagree	10	5	744	7			
		3	Neither agree nor disagree	47	22	2,663	25			
		4	Agree	121	57	5,700	54			
		5	Strongly agree	30	16	1,380	13			
		Total		209	100	10,568	100			
p. I intentionally involve people from many cultural backgrounds in my life.	GPI01p	1	Strongly disagree	5	3	241	2	<b>3.5</b>	3.3 **	.19
		2	Disagree	25	12	1,703	16			
		3	Neither agree nor disagree	81	38	4,507	42			
		4	Agree	69	33	3,100	29			
		5	Strongly agree	31	15	1,051	10			
		Total		211	100	10,602	100			
q. I rarely question what I have been taught about the world around me.	GPI01q	1	Strongly disagree	54	27	2,562	25	<b>2.2</b>	2.2	.04
		2	Disagree	89	42	4,698	44			
		3	Neither agree nor disagree	37	17	2,156	20			
		4	Agree	22	10	943	9			
		5	Strongly agree	8	4	236	2			
		Total		210	100	10,595	100			
r. I consciously behave in terms of making a difference.	GPI01r	1	Strongly disagree	2	1	76	1	<b>3.7</b>	3.7	.00
		2	Disagree	7	3	604	6			
		3	Neither agree nor disagree	73	35	3,333	32			
		4	Agree	102	48	5,147	48			
		5	Strongly agree	26	13	1,441	13			
		Total		210	100	10,601	100			
s. Volunteering is not an important priority in my life.	GPI01s	1	Strongly disagree	33	16	1,978	18	<b>2.6</b>	2.5 *	.18
		2	Disagree	73	34	4,100	38			
		3	Neither agree nor disagree	53	25	2,765	27			
		4	Agree	38	20	1,416	14			
		5	Strongly agree	10	5	319	3			
		Total		207	100	10,578	100			
t. I frequently interact with people from a different country from my own.	GPI01t	1	Strongly disagree	3	1	327	3	<b>3.9</b>	3.4 ***	.50
		2	Disagree	15	7	2,189	20			
		3	Neither agree nor disagree	36	17	2,759	26			
		4	Agree	97	46	3,717	35			
		5	Strongly agree	59	29	1,605	16			
		Total		210	100	10,597	100			
u. I frequently interact with people from a race/ethnic group different from my own.	GPI01u	1	Strongly disagree	1	1	160	1	<b>4.1</b>	3.7 ***	.38
		2	Disagree	6	3	1,289	12			
		3	Neither agree nor disagree	35	17	2,287	22			
		4	Agree	100	47	4,647	44			
		5	Strongly agree	69	33	2,207	22			
		Total		211	100	10,590	100			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed); Refer to the Endnotes page for a key to the triangle symbols.  
 Note: For some items, lower scores are preferable due to wording.

## First-Year Students

Variable name	N	Mean		Standard error <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
	UMass Boston	UMass Boston	Public 4-Year Inst	UMass Boston	Public 4-Year Inst	UMass Boston	Public 4-Year Inst			
								<i>Comparisons with:</i>		
										Public 4-Year Inst
GPI01a	139	3.09	3.07	.08	.01	0.98	0.87	4,014	.811	.02
GPI01b	136	3.08	3.44	.10	.02	1.18	1.10	4,006	.000	-.33
GPI01c	139	3.59	3.60	.08	.01	0.96	0.88	3,991	.924	-.01
GPI01d	138	2.67	2.51	.10	.02	1.15	1.11	3,991	.091	.15
GPI01e	137	3.16	3.17	.09	.02	1.05	1.10	147	.917	-.01
GPI01f	137	3.50	3.40	.09	.02	1.02	1.01	3,986	.224	.11
GPI01g	139	3.55	3.52	.08	.01	0.96	0.92	4,002	.709	.03
GPI01h	138	3.49	3.47	.07	.01	0.82	0.84	3,998	.824	.02
GPI01i	139	3.96	4.00	.07	.01	0.88	0.76	145	.657	-.04
GPI01j	139	3.81	3.67	.07	.01	0.82	0.85	3,988	.052	.17
GPI01k	137	3.90	3.76	.07	.01	0.86	0.82	3,974	.048	.17
GPI01l	139	2.75	2.54	.09	.02	1.10	1.02	3,992	.018	.20
GPI01m	138	3.63	3.65	.07	.01	0.83	0.75	3,985	.871	-.01
GPI01n	138	3.47	3.63	.09	.01	1.00	0.86	144	.054	-.20
GPI01o	139	3.65	3.59	.08	.01	0.89	0.83	3,976	.367	.08
GPI01p	138	3.37	3.30	.09	.01	1.08	0.92	144	.450	.08
GPI01q	137	2.54	2.45	.10	.02	1.14	1.04	3,990	.337	.08
GPI01r	138	3.58	3.59	.08	.01	0.91	0.79	144	.839	-.02
GPI01s	136	2.66	2.51	.10	.02	1.14	1.04	3,970	.102	.14
GPI01t	138	3.84	3.29	.08	.02	0.97	1.06	149	.000	.53
GPI01u	139	3.89	3.71	.08	.02	0.97	0.97	3,987	.031	.19

## Seniors

Variable name	N		Mean		Standard error <sup>f</sup>		Standard deviation <sup>g</sup>		DF <sup>h</sup>	Sig. <sup>i</sup>	Effect size <sup>d</sup>
	UMass Boston	Public 4-Year Inst	UMass Boston	Public 4-Year Inst	UMass Boston	Public 4-Year Inst	UMass Boston	Public 4-Year Inst			
									<i>Comparisons with: Public 4-Year Inst</i>		
GPI01a	213		2.92	2.93	.07	.01	0.97	0.87	224	.839	-.02
GPI01b	211		2.95	3.47	.09	.01	1.25	1.11	221	.000	-.47
GPI01c	210		3.74	3.70	.06	.01	0.90	0.91	6,531	.481	.05
GPI01d	211		2.44	2.26	.08	.01	1.18	1.08	222	.033	.16
GPI01e	210		2.97	3.00	.08	.01	1.16	1.12	6,527	.636	-.03
GPI01f	212		3.71	3.51	.07	.01	0.97	0.99	226	.003	.20
GPI01g	210		3.63	3.52	.07	.01	0.99	0.93	6,532	.081	.12
GPI01h	212		3.43	3.53	.07	.01	0.95	0.87	6,524	.117	-.11
GPI01i	212		4.23	4.11	.05	.01	0.69	0.72	6,515	.017	.17
GPI01j	212		3.82	3.69	.06	.01	0.86	0.83	6,514	.024	.16
GPI01k	209		4.07	3.88	.05	.01	0.74	0.79	224	.000	.24
GPI01l	210		2.37	2.38	.07	.01	1.02	1.00	6,520	.896	-.01
GPI01m	207		3.65	3.69	.05	.01	0.76	0.74	6,501	.522	-.05
GPI01n	209		3.54	3.64	.06	.01	0.83	0.85	6,513	.092	-.12
GPI01o	208		3.83	3.72	.05	.01	0.76	0.80	223	.062	.13
GPI01p	210		3.46	3.28	.07	.01	0.97	0.93	6,507	.007	.19
GPI01q	209		2.24	2.20	.08	.01	1.09	0.99	220	.606	.04
GPI01r	209		3.68	3.68	.05	.01	0.77	0.81	6,506	.959	.00
GPI01s	207		2.65	2.47	.08	.01	1.12	1.04	218	.021	.18
GPI01t	209		3.93	3.41	.06	.01	0.93	1.07	227	.000	.50
GPI01u	210		4.09	3.72	.06	.01	0.81	0.98	230	.000	.38

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## Endnotes

- a. Column percentages are weighted by gender and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by gender and enrollment status (and institution size for comparison groups). Unless otherwise noted, statistical comparisons are two-tailed independent t-tests. Items with categorical response sets are left blank.
- c. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook.
- d. Effect size for independent t-tests uses Cohen's *d*.
- e. Statistics are weighted by gender and enrollment status (and institution size for comparison groups). Categorical items are not listed.
- f. The 95% confidence interval for the population mean is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- g. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- h. Degrees of freedom used to compute the t-tests. Values differ from Ns due to weighting and whether equal variances were assumed.
- i. Statistical comparisons are two-tailed independent t-tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.

### **Key to symbols:**

- ▲ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size at least .3 in magnitude.
- △ **Your students' average** was significantly higher ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▽ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size less than .3 in magnitude.
- ▼ **Your students' average** was significantly lower ( $p < .05$ ) with an effect size at least .3 in magnitude.