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# **NSSE 2013**

## **Academic Advising Module**

Clarion University of Pennsylvania

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## Academic Advising Module

This module examines students' experiences with academic advising, including frequency of use, accessibility, information provided, and primary source of advice.

### Academic Advising Comparison Group

This section summarizes how your Academic Advising 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 'Academic Advising' column of this report.

Group label	Academic Advising
Date submitted	Not applicable; comparison group not customized.
How was this comparison group constructed?	Your institution did not customize this comparison group; the default group (all module participants) was used.
Group description	Default comparison group

### 'Academic Advising' institutions (N=233)

Adelphi University (Garden City, NY)	Central College (Pella, IA)
Alabama State University (Montgomery, AL)	Central Connecticut State University (New Britain, CT)
Alaska Pacific University (Anchorage, AK)	Central Methodist University (Fayette, MO)
Alberta College of Art + Design (Calgary, AB)	Centre College (Danville, KY)
Alvernia University (Reading, PA)	Cheyney University of Pennsylvania (Cheyney, PA)
Andrews University (Berrien Springs, MI)	Citadel, The Military College of South Carolina, The (Charleston, SC)
Auburn University (Auburn University, AL)	Clafflin University (Orangeburg, SC)
Augsburg College (Minneapolis, MN)	Coastal Carolina University (Conway, SC)
Bacone College (Muskogee, OK)	College of Saint Benedict and Saint John's University, The (Saint Joseph, MN)
Baker University (Baldwin City, KS)	Colorado School of Mines (Golden, CO)
Baptist Memorial College of Health Sciences (Memphis, TN)	Columbia Southern University (Orange Beach, AL)
Baylor University (Waco, TX)	Concordia University (Montreal, QC)
Bethany Lutheran College (Mankato, MN)	Concordia University Irvine (Irvine, CA)
Biola University (La Mirada, CA)	Concordia University Texas (Austin, TX)
Birmingham-Southern College (Birmingham, AL)	Culver-Stockton College (Canton, MO)
Bloomsburg University of Pennsylvania (Bloomsburg, PA)	CUNY Herbert H. Lehman College (Bronx, NY)
Bowling Green State University (Bowling Green, OH)	CUNY Medgar Evers College (Brooklyn, NY)
Brandon University (Brandon, MB)	Dalton State College (Dalton, GA)
Brescia University College (London, ON)	Davis & Elkins College (Elkins, WV)
Bryant University (Smithfield, RI)	Dickinson State University (Dickinson, ND)
California Baptist University (Riverside, CA)	Dixie State College of Utah (Saint George, UT)
California State University, Northridge (Northridge, CA)	East Central University (Ada, OK)
California State University, San Bernardino (San Bernardino, CA)	East Stroudsburg University of Pennsylvania (East Stroudsburg, PA)
California University of Pennsylvania (California, PA)	Eastern Illinois University (Charleston, IL)
Campbell University Inc. (Buies Creek, NC)	Eastern Kentucky University (Richmond, KY)
Cape Breton University (Sydney, NS)	Eastern Michigan University (Ypsilanti, MI)
Capella University (Minneapolis, MN)	Edinboro University of Pennsylvania (Edinboro, PA)
Cardinal Stritch University (Milwaukee, WI)	Eureka College (Eureka, IL)
Carson-Newman University (Jefferson City, TN)	Faulkner University (Montgomery, AL)
Catholic University of America, The (Washington, DC)	Florida Institute of Technology (Melbourne, FL)

## 'Academic Advising' institutions (N=233), continued

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Francis Marion University (Florence, SC)	Missouri Western State University (Saint Joseph, MO)
Franklin College (Franklin, IN)	Montana State University Billings (Billings, MT)
Gonzaga University (Spokane, WA)	Morningside College (Sioux City, IA)
Goshen College (Goshen, IN)	National American University-Rapid City (Rapid City, SD)
Goucher College (Baltimore, MD)	Nazareth College (Rochester, NY)
Hartwick College (Oneonta, NY)	Neumann University (Aston, PA)
Harvey Mudd College (Claremont, CA)	New Jersey City University (Jersey City, NJ)
Hiram College (Hiram, OH)	New Mexico Institute of Mining and Technology (Socorro, NM)
Houston Baptist University (Houston, TX)	New School, The (New York, NY)
Humboldt State University (Arcata, CA)	North Dakota State University (Fargo, ND)
Huron University College (London, ON)	Northwood University--Michigan Campus (Midland, MI)
Illinois Institute of Technology (Chicago, IL)	Northwood University--TX Campus (Cedar Hill, TX)
Indiana State University (Terre Haute, IN)	Northwood University-Florida Campus (West Palm Beach, FL)
Indiana University of Pennsylvania (Indiana, PA)	Norwich University (Northfield, VT)
Indiana Wesleyan University (Marion, IN)	Ohio State University at Newark, The (Newark, OH)
Iona College (New Rochelle, NY)	Ohio State University-Lima Campus (Lima, OH)
Iowa Wesleyan College (Mount Pleasant, IA)	Ohio State University-Mansfield Campus (Mansfield, OH)
Ithaca College (Ithaca, NY)	Ohio State University-Marion Campus (Marion, OH)
Judson College (Marion, AL)	Ohio State University, The (Columbus, OH)
Kansas State University (Manhattan, KS)	Ohio Wesleyan University (Delaware, OH)
Kaplan University (Davenport, IA)	Oregon State University (Corvallis, OR)
Kean University (Union, NJ)	Park University (Parkville, MO)
Kentucky Wesleyan College (Owensboro, KY)	Pitzer College (Claremont, CA)
Kettering University (Flint, MI)	Plymouth State University (Plymouth, NH)
King's University College at the University of Western Ontario (London, ON)	Point Park University (Pittsburgh, PA)
Kutztown University of Pennsylvania (Kutztown, PA)	Purdue University-Calumet Campus (Hammond, IN)
La Roche College (Pittsburgh, PA)	Regent University (Virginia Beach, VA)
Lake Superior State University (Sault Ste Marie, MI)	Roanoke College (Salem, VA)
Lees-McRae College (Banner Elk, NC)	Rochester Institute of Technology (Rochester, NY)
LIM College (New York, NY)	Rocky Mountain College (Billings, MT)
Limestone College (Gaffney, SC)	Roger Williams University (Bristol, RI)
Lincoln Memorial University (Harrogate, TN)	Rowan University (Glassboro, NJ)
Lincoln University, The (Lincoln University, PA)	Saint Anselm College (Manchester, NH)
Lipscomb University (Nashville, TN)	Saint John Fisher College (Rochester, NY)
Lock Haven University (Lock Haven, PA)	Saint Joseph's College (Rensselaer, IN)
Loyola University Chicago (Chicago, IL)	Saint Leo University (Saint Leo, FL)
Mansfield University of Pennsylvania (Mansfield, PA)	Saint Mary's University of Minnesota (Winona, MN)
Marian University (Fond Du Lac, WI)	Saint Thomas University (Miami Gardens, FL)
Marist College (Poughkeepsie, NY)	Salem State University (Salem, MA)
Marlboro College (Marlboro, VT)	Salve Regina University (Newport, RI)
Mars Hill University (Mars Hill, NC)	School of Visual Arts (New York, NY)
Marshall University (Huntington, WV)	Schreiner University (Kerrville, TX)
Martin Methodist College (Pulaski, TN)	Seton Hall University (South Orange, NJ)
Marymount University (Arlington, VA)	Sewanee: The University of the South (Sewanee, TN)
Menlo College (Atherton, CA)	Shawnee State University (Portsmouth, OH)
Mercer University (Macon, GA)	Shippensburg University of Pennsylvania (Shippensburg, PA)
Merrimack College (North Andover, MA)	Slippery Rock University of Pennsylvania (Slippery Rock, PA)
Methodist College (Peoria, IL)	Southeastern University (Lakeland, FL)
Michigan State University (East Lansing, MI)	Southern Illinois Univ Edwardsville (Edwardsville, IL)
Millersville University of Pennsylvania (Millersville, PA)	Southwest Minnesota State University (Marshall, MN)
Milligan College (Milligan College, TN)	Southwestern Adventist University (Keene, TX)
Millikin University (Decatur, IL)	Spelman College (Atlanta, GA)
Millsaps College (Jackson, MS)	St. Olaf College (Northfield, MN)
Minnesota State University Moorhead (Moorhead, MN)	State University of New York at Potsdam, The (Potsdam, NY)
Minnesota State University-Mankato (Mankato, MN)	Stephen F. Austin State University (Nacogdoches, TX)
Minot State University (Minot, ND)	Susquehanna University (Selinsgrove, PA)
Mississippi University for Women (Columbus, MS)	Temple University (Philadelphia, PA)
Missouri University of Science & Technology (Rolla, MO)	Tennessee State University (Nashville, TN)

## 'Academic Advising' institutions (N=233), continued

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Texas A&M University - Corpus Christi (Corpus Christi, TX)  
Texas Christian University (Fort Worth, TX)  
Texas State University (San Marcos, TX)  
Texas Tech University (Lubbock, TX)  
Trine University (Angola, IN)  
Tyndale University College and Seminary (Toronto, ON)  
Union College (NE) (Lincoln, NE)  
University of Advancing Technology (Tempe, AZ)  
University of Akron (Akron, OH)  
University of Alabama in Huntsville (Huntsville, AL)  
University of Alaska Fairbanks (Fairbanks, AK)  
University of Arkansas (Fayetteville, AR)  
University of Arkansas at Little Rock (Little Rock, AR)  
University of Cincinnati (Cincinnati, OH)  
University of Colorado Colorado Springs (Colorado Springs, CO)  
University of Colorado Denver (Denver, CO)  
University of Findlay, The (Findlay, OH)  
University of Hawai'i at Hilo (Hilo, HI)  
University of Houston (Houston, TX)  
University of Houston-Downtown (Houston, TX)  
University of Houston-Victoria (Victoria, TX)  
University of Indianapolis (Indianapolis, IN)  
University of Massachusetts Lowell (Lowell, MA)  
University of Minnesota-Crookston (Crookston, MN)  
University of Missouri-St. Louis (Saint Louis, MO)  
University of Montana (Missoula, MT)  
University of Nebraska at Omaha (Omaha, NE)  
University of Nevada, Reno (Reno, NV)  
University of New Brunswick - Saint John Campus (Saint John, NB)  
University of North Texas (Denton, TX)  
University of Northern Iowa (Cedar Falls, IA)  
University of Pikeville (Pikeville, KY)  
University of Pittsburgh-Bradford (Bradford, PA)  
University of Puerto Rico at Cayey (Cayey, PR)  
University of Rhode Island (Kingston, RI)  
University of South Carolina-Beaufort (Bluffton, SC)  
University of Southern Indiana (Evansville, IN)  
University of Tennessee Martin, The (Martin, TN)  
University of Texas at Arlington, The (Arlington, TX)  
University of Texas at Brownsville, The (Brownsville, TX)  
University of the Fraser Valley (Abbotsford, BC)  
University of Tulsa (Tulsa, OK)  
University of Wisconsin-Whitewater (Whitewater, WI)  
Vaughn College of Aeronautics and Technology (Flushing, NY)  
Virginia Intermont College (Bristol, VA)  
Washington Adventist University (Takoma Park, MD)  
Weber State University (Ogden, UT)  
Wentworth Institute of Technology (Boston, MA)  
West Chester University of Pennsylvania (West Chester, PA)  
West Virginia University (Morgantown, WV)  
Western Michigan University (Kalamazoo, MI)  
Westminster College (Salt Lake City, UT)  
Whitworth University (Spokane, WA)  
Wilberforce University (Wilberforce, OH)  
Wilmington University (New Castle, DE)  
Wisconsin Lutheran College (Milwaukee, WI)  
Youngstown State University (Youngstown, OH)

## 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>		
				Clarion University		Academic Advising		Clarion University	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. During the current school year, about how many times have you and an academic advisor discussed your academic interests, course selections, or academic performance?</b>										
	ADV01	0	0	15	7	4,630	11	<b>2.1</b>	2.2	-.08
		1	1	76	29	11,190	24			
		2	2	91	34	14,381	30			
		3	3	35	15	9,022	19			
		4	4	17	7	4,040	8			
		5	5	9	3	1,531	3			
		6	6 or more	7	3	2,694	5			
			Total	250	100	47,488	100			
<b>2. During the current school year, to what extent have your academic advisors done the following?</b>										
a. Been available when needed	ADV02a	1	Very little	21	7	3,762	8	<b>3.0</b>	3.0	.01
		2	Some	55	21	8,718	18			
		3	Quite a bit	75	32	15,144	32			
		4	Very much	89	36	16,257	34			
		—	Not applicable	10	4	3,640	8			
			Total	250	100	47,521	100			
b. Listened closely to your concerns and questions	ADV02b	1	Very little	25	9	3,691	8	<b>3.0</b>	3.0	-.03
		2	Some	54	20	8,514	18			
		3	Quite a bit	69	31	14,463	31			
		4	Very much	89	35	16,748	35			
		—	Not applicable	11	5	4,014	9			
			Total	248	100	47,430	100			
c. Informed you of important deadlines	ADV02c	1	Very little	50	18	6,338	14	<b>2.7</b>	2.8	-.10
		2	Some	51	19	9,229	19			
		3	Quite a bit	63	27	13,401	28			
		4	Very much	67	29	14,266	30			
		—	Not applicable	18	7	4,103	9			
			Total	249	100	47,337	100			
d. Helped you understand academic rules and policies	ADV02d	1	Very little	43	15	6,085	13	<b>2.7</b>	2.8	-.06
		2	Some	59	22	10,040	21			
		3	Quite a bit	64	28	13,208	28			
		4	Very much	65	27	13,146	28			
		—	Not applicable	18	8	4,816	11			
			Total	249	100	47,295	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1	Very little	48	17	7,407	16	<b>2.7</b>	2.7	.03
		2	Some	53	20	9,932	21			
		3	Quite a bit	55	23	12,216	26			
		4	Very much	70	31	12,503	26			
		—	Not applicable	24	9	5,349	12			
			Total	250	100	47,407	100			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

## First-Year Students

<i>Item wording or description</i>	<i>Variable name</i>	<i>Values<sup>c</sup></i>	<i>Response options</i>	<b>Frequency Distributions<sup>a</sup></b>				<b>Statistical Comparisons<sup>b</sup></b>		
				Clarion University		Academic Advising		Clarion University	Academic Advising	
				<i>Count</i>	<i>%</i>	<i>Count</i>	<i>%</i>	<i>Mean</i>	<i>Mean</i>	<i>Effect size<sup>d</sup></i>
f. Provided useful information about courses	ADV02f	1	Very little	31	11	5,587	12	<b>2.9</b>	2.9	.05
		2	Some	58	20	9,405	20			
		3	Quite a bit	72	32	13,758	29			
		4	Very much	81	34	15,100	32			
		—	Not applicable	8	3	3,515	8			
		Total		250	100	47,365	100			
g. Helped you when you had academic difficulties	ADV02g	1	Very little	48	18	7,406	16	<b>2.7</b>	2.7	.03
		2	Some	42	16	8,647	18			
		3	Quite a bit	56	25	9,733	21			
		4	Very much	62	27	11,147	23			
		—	Not applicable	41	14	10,392	22			
		Total		249	100	47,325	100			
h. Helped you get information on special opportunities (study abroad, internship, research projects, etc.)	ADV02h	1	Very little	54	21	9,408	20	<b>2.6</b>	2.5	.07
		2	Some	47	17	8,881	19			
		3	Quite a bit	52	24	9,149	19			
		4	Very much	56	24	9,776	20			
		—	Not applicable	41	14	10,050	22			
		Total		250	100	47,264	100			
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	57	21	9,969	21	<b>2.6</b>	2.5	.09
		2	Some	56	21	10,284	21			
		3	Quite a bit	55	24	9,605	20			
		4	Very much	63	27	10,608	22			
		—	Not applicable	19	8	6,744	15			
		Total		250	100	47,210	100			
<b>3. During the current school year, which of the following has been your primary source of advice regarding your academic plans? (Select one)</b>										
	ADV03	—	Academic advisor(s) assigned to you	108	45	15,751	32			
		—	Academic advisor(s) available to any student	6	2	4,323	10			
		—	Faculty or staff not formally assigned as an advisor	24	10	4,643	9			
		—	Online advising system (degree progress report, etc.)	4	1	1,137	3			
		—	Web site, catalog, or other published sources	6	2	2,216	5			
		—	Friends or other students	47	18	7,205	15			
		—	Family members	40	15	8,434	17			
		—	Other, please specify:	6	2	1,249	3			
		—	I did not seek academic advice this year	9	4	2,544	6			
		Total		250	100	47,502	100			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Clarion University		Academic Advising		Clarion University	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
<b>1. During the current school year, about how many times have you and an academic advisor discussed your academic interests, course selections, or academic performance?</b>										
	ADV01	0	0	18	11	9,240	14	<b>2.8</b>	2.3 **	.27
		1	1	27	17	16,973	24			
		2	2	40	24	18,071	26			
		3	3	23	16	10,796	15			
		4	4	21	13	5,920	8			
		5	5	8	5	2,417	3			
		6	6 or more	25	15	7,704	10			
			Total	162	100	71,121	100			
<b>2. During the current school year, to what extent have your academic advisors done the following?</b>										
a. Been available when needed	ADV02a	1	Very little	23	14	6,744	10	<b>3.0</b>	3.0	.01
		2	Some	21	13	12,955	19			
		3	Quite a bit	46	28	20,940	29			
		4	Very much	64	40	25,904	35			
		—	Not applicable	8	5	4,646	7			
			Total	162	100	71,189	100			
b. Listened closely to your concerns and questions	ADV02b	1	Very little	16	10	7,027	10	<b>3.1</b>	3.0	.10
		2	Some	22	14	12,415	18			
		3	Quite a bit	48	28	19,485	27			
		4	Very much	66	41	26,148	36			
		—	Not applicable	10	6	5,931	9			
			Total	162	100	71,006	100			
c. Informed you of important deadlines	ADV02c	1	Very little	29	18	12,132	17	<b>2.8</b>	2.7	.05
		2	Some	32	20	13,631	19			
		3	Quite a bit	33	20	17,606	25			
		4	Very much	59	37	21,454	30			
		—	Not applicable	8	5	6,146	9			
			Total	161	100	70,969	100			
d. Helped you understand academic rules and policies	ADV02d	1	Very little	31	20	12,277	17	<b>2.7</b>	2.7	.05
		2	Some	29	18	14,491	20			
		3	Quite a bit	33	21	16,122	23			
		4	Very much	51	32	18,333	26			
		—	Not applicable	16	10	9,597	14			
			Total	160	100	70,820	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1	Very little	38	24	17,019	24	<b>2.3</b>	2.4	-.08
		2	Some	39	24	14,076	20			
		3	Quite a bit	24	15	12,496	18			
		4	Very much	30	17	14,338	20			
		—	Not applicable	30	19	13,080	18			
			Total	161	100	71,009	100			

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)



## Seniors

Item wording or description	Variable name	Values <sup>c</sup>	Response options	Frequency Distributions <sup>a</sup>				Statistical Comparisons <sup>b</sup>		
				Clarion University		Academic Advising		Clarion University	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
f. Provided useful information about courses	ADV02f	1	Very little	22	15	11,911	17	<b>2.9</b>	2.7	.15
		2	Some	24	16	14,023	20			
		3	Quite a bit	41	25	17,654	24			
		4	Very much	57	35	20,893	29			
		—	Not applicable	16	10	6,468	9			
		Total		160	100	70,949	100			
g. Helped you when you had academic difficulties	ADV02g	1	Very little	22	15	12,914	19	<b>2.8</b>	2.6	.17
		2	Some	17	11	11,153	16			
		3	Quite a bit	36	21	12,310	17			
		4	Very much	42	25	16,877	23			
		—	Not applicable	42	28	17,603	25			
		Total		159	100	70,857	100			
h. Helped you get information on special opportunities (study abroad, internship, research projects, etc.)	ADV02h	1	Very little	36	23	16,339	24	<b>2.6</b>	2.4	.11
		2	Some	18	12	11,460	16			
		3	Quite a bit	26	15	11,452	16			
		4	Very much	43	26	15,275	21			
		—	Not applicable	38	25	16,244	24			
		Total		161	100	70,770	100			
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	32	21	17,426	26	<b>2.7</b>	2.5 **	.23
		2	Some	21	13	13,481	19			
		3	Quite a bit	30	19	12,417	17			
		4	Very much	55	32	17,996	24			
		—	Not applicable	21	15	9,417	14			
		Total		159	100	70,737	100			

### 3. During the current school year, which of the following has been your primary source of advice regarding your academic plans? (Select one)

Variable name	Values <sup>c</sup>	Response options	Count	%	Count	%
ADV03	—	Academic advisor(s) assigned to you	64	39	23,315	32
	—	Academic advisor(s) available to any student	11	7	6,419	10
	—	Faculty or staff not formally assigned as an advisor	39	23	13,528	18
	—	Online advising system (degree progress report, etc.)	12	8	3,783	6
	—	Web site, catalog, or other published sources	4	3	3,890	6
	—	Friends or other students	12	7	7,197	10
	—	Family members	9	6	5,912	8
	—	Other, please specify:	3	2	2,567	4
	—	I did not seek academic advice this year	7	5	4,538	7
	Total			161	100	71,149

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

## 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>
	Clarion University	Clarion University	Academic Advising	Clarion University	Academic Advising	Clarion University	Academic Advising	Comparisons with: Academic Advising		
ADV01	248	2.1	2.2	.09	.01	1.4	1.5	250	.182	-.08
ADV02a	239	3.0	3.0	.06	.00	0.9	1.0	59,821	.819	.01
ADV02b	234	3.0	3.0	.06	.00	1.0	1.0	59,197	.608	-.03
ADV02c	230	2.7	2.8	.07	.00	1.1	1.0	58,909	.143	-.10
ADV02d	229	2.7	2.8	.07	.00	1.1	1.0	57,898	.343	-.06
ADV02e	225	2.7	2.7	.07	.00	1.1	1.1	57,302	.652	.03
ADV02f	241	2.9	2.9	.07	.00	1.0	1.0	59,717	.485	.05
ADV02g	212	2.7	2.7	.08	.00	1.1	1.1	50,232	.625	.03
ADV02h	212	2.6	2.5	.08	.01	1.1	1.1	50,566	.289	.07
ADV02i	228	2.6	2.5	.07	.00	1.1	1.1	54,938	.162	.09

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

## 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>
	Clarion University	Clarion University	Academic Advising	Clarion University	Academic Advising	Clarion University	Academic Advising	Comparisons with: Academic Advising		
ADV01	163	2.8	2.3	.15	.01	1.9	1.8	162	.002	.27
ADV02a	155	3.0	3.0	.09	.00	1.1	1.0	90,240	.911	.01
ADV02b	153	3.1	3.0	.08	.00	1.0	1.0	88,238	.241	.10
ADV02c	154	2.8	2.7	.09	.00	1.2	1.1	87,979	.564	.05
ADV02d	144	2.7	2.7	.10	.00	1.2	1.1	83,321	.576	.05
ADV02e	130	2.3	2.4	.10	.00	1.1	1.2	78,931	.382	-.08
ADV02f	145	2.9	2.7	.09	.00	1.1	1.1	87,495	.081	.15
ADV02g	116	2.8	2.6	.11	.00	1.1	1.2	71,977	.068	.17
ADV02h	122	2.6	2.4	.11	.00	1.2	1.2	73,735	.214	.11
ADV02i	137	2.7	2.5	.10	.00	1.2	1.2	82,733	.007	.23

\*p<.05, \*\*p<.01, \*\*\*p<.001 (2-tailed)

## 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.