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**NSSE 2013**  
**Academic Advising Module**  
Marshall University

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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	7/1/13
How was this comparison group constructed?	Your institution retained the default comparison group (all module participants).
Group description	We wish to retain the default listings for comparison group 4.

### '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)	Clarion University of Pennsylvania (Clarion, PA)
Bacone College (Muskogee, OK)	Coastal Carolina University (Conway, SC)
Baker University (Baldwin City, KS)	College of Saint Benedict and Saint John's University, The (Saint Joseph, MN)
Baptist Memorial College of Health Sciences (Memphis, TN)	Colorado School of Mines (Golden, CO)
Baylor University (Waco, TX)	Columbia Southern University (Orange Beach, AL)
Bethany Lutheran College (Mankato, MN)	Concordia University (Montreal, QC)
Biola University (La Mirada, CA)	Concordia University Irvine (Irvine, CA)
Birmingham-Southern College (Birmingham, AL)	Concordia University Texas (Austin, TX)
Bloomsburg University of Pennsylvania (Bloomsburg, PA)	Culver-Stockton College (Canton, MO)
Bowling Green State University (Bowling Green, OH)	CUNY Herbert H. Lehman College (Bronx, NY)
Brandon University (Brandon, MB)	CUNY Medgar Evers College (Brooklyn, NY)
Brescia University College (London, ON)	Dalton State College (Dalton, GA)
Bryant University (Smithfield, RI)	Davis & Elkins College (Elkins, WV)
California Baptist University (Riverside, CA)	Dickinson State University (Dickinson, ND)
California State University, Northridge (Northridge, CA)	Dixie State College of Utah (Saint George, UT)
California State University, San Bernardino (San Bernardino, CA)	East Central University (Ada, OK)
California University of Pennsylvania (California, PA)	East Stroudsburg University of Pennsylvania (East Stroudsburg, PA)
Campbell University Inc. (Buies Creek, NC)	Eastern Illinois University (Charleston, IL)
Cape Breton University (Sydney, NS)	Eastern Kentucky University (Richmond, KY)
Capella University (Minneapolis, MN)	Eastern Michigan University (Ypsilanti, MI)
Cardinal Stritch University (Milwaukee, WI)	Edinboro University of Pennsylvania (Edinboro, PA)
Carson-Newman University (Jefferson City, TN)	Eureka College (Eureka, IL)
Catholic University of America, The (Washington, DC)	Faulkner University (Montgomery, AL)

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

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Florida Institute of Technology (Melbourne, FL)	Missouri Western State University (Saint Joseph, MO)
Francis Marion University (Florence, SC)	Montana State University Billings (Billings, MT)
Franklin College (Franklin, IN)	Morningside College (Sioux City, IA)
Gonzaga University (Spokane, WA)	National American University-Rapid City (Rapid City, SD)
Goshen College (Goshen, IN)	Nazareth College (Rochester, NY)
Goucher College (Baltimore, MD)	Neumann University (Aston, PA)
Hartwick College (Oneonta, NY)	New Jersey City University (Jersey City, NJ)
Harvey Mudd College (Claremont, CA)	New Mexico Institute of Mining and Technology (Socorro, NM)
Hiram College (Hiram, OH)	New School, The (New York, NY)
Houston Baptist University (Houston, TX)	North Dakota State University (Fargo, ND)
Humboldt State University (Arcata, CA)	Northwood University--Michigan Campus (Midland, MI)
Huron University College (London, ON)	Northwood University--TX Campus (Cedar Hill, TX)
Illinois Institute of Technology (Chicago, IL)	Northwood University-Florida Campus (West Palm Beach, FL)
Indiana State University (Terre Haute, IN)	Norwich University (Northfield, VT)
Indiana University of Pennsylvania (Indiana, PA)	Ohio State University at Newark, The (Newark, OH)
Indiana Wesleyan University (Marion, IN)	Ohio State University-Lima Campus (Lima, OH)
Iona College (New Rochelle, NY)	Ohio State University-Mansfield Campus (Mansfield, OH)
Iowa Wesleyan College (Mount Pleasant, IA)	Ohio State University-Marion Campus (Marion, OH)
Ithaca College (Ithaca, NY)	Ohio State University, The (Columbus, OH)
Judson College (Marion, AL)	Ohio Wesleyan University (Delaware, OH)
Kansas State University (Manhattan, KS)	Oregon State University (Corvallis, OR)
Kaplan University (Davenport, IA)	Park University (Parkville, MO)
Kean University (Union, NJ)	Pitzer College (Claremont, CA)
Kentucky Wesleyan College (Owensboro, KY)	Plymouth State University (Plymouth, NH)
Kettering University (Flint, MI)	Point Park University (Pittsburgh, PA)
King's University College at the University of Western Ontario (London, ON)	Purdue University-Calumet Campus (Hammond, IN)
Kutztown University of Pennsylvania (Kutztown, PA)	Regent University (Virginia Beach, VA)
La Roche College (Pittsburgh, PA)	Roanoke College (Salem, VA)
Lake Superior State University (Sault Ste Marie, MI)	Rochester Institute of Technology (Rochester, NY)
Lees-McRae College (Banner Elk, NC)	Rocky Mountain College (Billings, MT)
LIM College (New York, NY)	Roger Williams University (Bristol, RI)
Limestone College (Gaffney, SC)	Rowan University (Glassboro, NJ)
Lincoln Memorial University (Harrogate, TN)	Saint Anselm College (Manchester, NH)
Lincoln University, The (Lincoln University, PA)	Saint John Fisher College (Rochester, NY)
Lipscomb University (Nashville, TN)	Saint Joseph's College (Rensselaer, IN)
Lock Haven University (Lock Haven, PA)	Saint Leo University (Saint Leo, FL)
Loyola University Chicago (Chicago, IL)	Saint Mary's University of Minnesota (Winona, MN)
Mansfield University of Pennsylvania (Mansfield, PA)	Saint Thomas University (Miami Gardens, FL)
Marian University (Fond Du Lac, WI)	Salem State University (Salem, MA)
Marist College (Poughkeepsie, NY)	Salve Regina University (Newport, RI)
Marlboro College (Marlboro, VT)	School of Visual Arts (New York, NY)
Mars Hill University (Mars Hill, NC)	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>		
				Marshall		Academic Advising		Marshall	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
<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		12	5	4,633	11	<b>2.3</b>	2.2	.04
		1 1		61	25	11,205	24			
		2 2		81	35	14,391	30			
		3 3		42	20	9,015	19			
		4 4		23	9	4,034	8			
		5 5		5	2	1,535	3			
		6 6 or more		10	4	2,691	5			
		Total		234	100	47,504	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 1	Very little	20	7	3,763	8	<b>3.0</b>	3.0	-.02
		2 2	Some	55	22	8,718	18			
		3 3	Quite a bit	78	34	15,141	32			
		4 4	Very much	74	33	16,272	34			
		— —	Not applicable	9	5	3,641	8			
		Total		236	100	47,535	100			
b. Listened closely to your concerns and questions	ADV02b	1 1	Very little	25	9	3,691	8	<b>3.0</b>	3.0	.02
		2 2	Some	45	18	8,523	18			
		3 3	Quite a bit	65	28	14,467	31			
		4 4	Very much	89	40	16,748	35			
		— —	Not applicable	12	5	4,013	9			
		Total		236	100	47,442	100			
c. Informed you of important deadlines	ADV02c	1 1	Very little	30	11	6,358	14	<b>2.9</b>	2.8	.05
		2 2	Some	55	23	9,225	19			
		3 3	Quite a bit	64	27	13,400	28			
		4 4	Very much	77	34	14,256	30			
		— —	Not applicable	10	4	4,111	9			
		Total		236	100	47,350	100			
d. Helped you understand academic rules and policies	ADV02d	1 1	Very little	35	13	6,093	13	<b>2.7</b>	2.8	-.06
		2 2	Some	57	25	10,042	21			
		3 3	Quite a bit	61	27	13,211	28			
		4 4	Very much	59	26	13,152	28			
		— —	Not applicable	22	10	4,812	11			
		Total		234	100	47,310	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1 1	Very little	49	18	7,406	16	<b>2.6</b>	2.7	-.07
		2 2	Some	44	20	9,941	21			
		3 3	Quite a bit	69	30	12,202	26			
		4 4	Very much	54	23	12,519	26			
		— —	Not applicable	18	8	5,355	12			
		Total		234	100	47,423	100			

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

## 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>		
				Marshall		Academic Advising		Marshall	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
f. Provided useful information about courses	ADV02f	1	Very little	42	17	5,576	12	<b>2.8</b>	2.9	-.11
		2	Some	46	19	9,417	20			
		3	Quite a bit	67	28	13,763	29			
		4	Very much	68	30	15,113	32			
		—	Not applicable	12	6	3,511	8			
		Total		235	100	47,380	100			
g. Helped you when you had academic difficulties	ADV02g	1	Very little	40	17	7,414	16	<b>2.6</b>	2.7	-.02
		2	Some	46	19	8,643	18			
		3	Quite a bit	52	23	9,737	21			
		4	Very much	53	22	11,156	23			
		—	Not applicable	45	18	10,388	22			
		Total		236	100	47,338	100			
h. Helped you get information on special opportunities (study abroad, internship, research projects, etc.)	ADV02h	1	Very little	59	24	9,403	20	<b>2.5</b>	2.5	-.05
		2	Some	32	15	8,896	19			
		3	Quite a bit	47	22	9,154	19			
		4	Very much	48	19	9,784	20			
		—	Not applicable	47	20	10,044	22			
		Total		233	100	47,281	100			
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	61	23	9,965	21	<b>2.4</b>	2.5	-.07
		2	Some	53	25	10,287	21			
		3	Quite a bit	46	22	9,614	20			
		4	Very much	52	20	10,619	22			
		—	Not applicable	23	10	6,740	15			
		Total		235	100	47,225	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	74	33	15,785	32			
		—	Academic advisor(s) available to any student	14	6	4,315	10			
		—	Faculty or staff not formally assigned as an advisor	20	9	4,647	9			
		—	Online advising system (degree progress report, etc.)	7	3	1,134	3			
		—	Web site, catalog, or other published sources	11	4	2,211	5			
		—	Friends or other students	46	18	7,206	15			
		—	Family members	40	15	8,434	17			
		—	Other, please specify:	16	7	1,239	3			
		—	I did not seek academic advice this year	7	3	2,546	6			
			Total	235	100	47,517	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>		
				Marshall		Academic Advising		Marshall	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
<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		49	14	9,209	14	<b>2.2</b>	2.3	-.04
		1 1		75	21	16,925	24			
		2 2		112	32	17,999	26			
		3 3		51	15	10,768	15			
		4 4		29	8	5,912	8			
		5 5		9	2	2,416	3			
		6 6 or more		27	8	7,702	10			
		Total		352	100	70,931	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	35	10	6,732	10	<b>3.0</b>	3.0	.02
		2	Some	64	17	12,912	19			
		3	Quite a bit	100	30	20,886	29			
		4	Very much	124	36	25,844	35			
		—	Not applicable	26	7	4,628	7			
		Total		349	100	71,002	100			
b. Listened closely to your concerns and questions	ADV02b	1	Very little	31	9	7,012	10	<b>3.0</b>	3.0	.00
		2	Some	66	18	12,371	18			
		3	Quite a bit	107	31	19,426	27			
		4	Very much	113	33	26,101	36			
		—	Not applicable	32	9	5,909	9			
		Total		349	100	70,819	100			
c. Informed you of important deadlines	ADV02c	1	Very little	60	17	12,101	17	<b>2.8</b>	2.7	.01
		2	Some	58	17	13,605	19			
		3	Quite a bit	101	29	17,538	25			
		4	Very much	100	29	21,413	30			
		—	Not applicable	29	9	6,125	9			
		Total		348	100	70,782	100			
d. Helped you understand academic rules and policies	ADV02d	1	Very little	65	18	12,243	17	<b>2.7</b>	2.7	.01
		2	Some	64	18	14,456	20			
		3	Quite a bit	92	26	16,063	23			
		4	Very much	86	25	18,298	26			
		—	Not applicable	42	12	9,571	14			
		Total		349	100	70,631	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1	Very little	90	25	16,967	24	<b>2.4</b>	2.4	-.03
		2	Some	72	20	14,043	20			
		3	Quite a bit	69	20	12,451	18			
		4	Very much	62	18	14,306	20			
		—	Not applicable	57	17	13,053	18			
		Total		350	100	70,820	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>		
				Marshall		Academic Advising		Marshall	Academic Advising	Effect size <sup>d</sup>
				Count	%	Count	%	Mean	Mean	
f. Provided useful information about courses	ADV02f	1	Very little	65	18	11,868	17	<b>2.7</b>	2.7	.00
		2	Some	65	18	13,982	20			
		3	Quite a bit	93	27	17,602	24			
		4	Very much	96	28	20,854	29			
		—	Not applicable	29	8	6,455	9			
		Total		348	100	70,761	100			
g. Helped you when you had academic difficulties	ADV02g	1	Very little	62	17	12,874	19	<b>2.6</b>	2.6	.01
		2	Some	69	20	11,101	16			
		3	Quite a bit	65	19	12,281	17			
		4	Very much	79	23	16,840	23			
		—	Not applicable	70	20	17,575	25			
		Total		345	100	70,671	100			
h. Helped you get information on special opportunities (study abroad, internship, research projects, etc.)	ADV02h	1	Very little	90	25	16,285	24	<b>2.4</b>	2.4	-.05
		2	Some	58	17	11,420	16			
		3	Quite a bit	75	22	11,403	16			
		4	Very much	58	17	15,260	21			
		—	Not applicable	68	20	16,214	24			
		Total		349	100	70,582	100			
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	87	24	17,371	26	<b>2.5</b>	2.5	.00
		2	Some	77	22	13,425	19			
		3	Quite a bit	72	21	12,375	17			
		4	Very much	77	23	17,974	24			
		—	Not applicable	36	10	9,402	14			
		Total		349	100	70,547	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	105	30	23,274	32			
		—	Academic advisor(s) available to any student	25	7	6,405	10			
		—	Faculty or staff not formally assigned as an advisor	97	28	13,470	18			
		—	Online advising system (degree progress report, etc.)	5	1	3,790	6			
		—	Web site, catalog, or other published sources	14	4	3,880	6			
		—	Friends or other students	46	13	7,163	10			
		—	Family members	35	10	5,886	8			
		—	Other, please specify:	9	2	2,561	4			
		—	I did not seek academic advice this year	17	5	4,528	7			
		Total		353	100	70,957	100			

\*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>
	Marshall	Marshall	Academic Advising	Marshall	Academic Advising	Marshall	Academic Advising	Comparisons with: Academic Advising		
ADV01	234	2.3	2.2	.09	.01	1.4	1.5	43,522	.553	.04
ADV02a	225	3.0	3.0	.06	.00	0.9	1.0	40,097	.722	-.02
ADV02b	223	3.0	3.0	.07	.00	1.0	1.0	39,679	.756	.02
ADV02c	227	2.9	2.8	.07	.01	1.0	1.1	39,486	.412	.05
ADV02d	210	2.7	2.8	.07	.01	1.0	1.0	38,808	.352	-.06
ADV02e	216	2.6	2.7	.07	.01	1.1	1.1	38,409	.303	-.07
ADV02f	222	2.8	2.9	.07	.01	1.1	1.0	223	.132	-.11
ADV02g	192	2.6	2.7	.08	.01	1.1	1.1	33,669	.777	-.02
ADV02h	186	2.5	2.5	.08	.01	1.2	1.1	33,894	.471	-.05
ADV02i	213	2.4	2.5	.08	.01	1.1	1.1	36,824	.324	-.07

\*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>
	Marshall	Marshall	Academic Advising	Marshall	Academic Advising	Marshall	Academic Advising	Comparisons with: Academic Advising		
ADV01	352	2.2	2.3	.09	.01	1.6	1.8	356	.374	-.04
ADV02a	323	3.0	3.0	.06	.00	1.0	1.0	57,289	.711	.02
ADV02b	317	3.0	3.0	.05	.00	1.0	1.0	56,018	.965	.00
ADV02c	318	2.8	2.7	.06	.00	1.1	1.1	55,854	.848	.01
ADV02d	307	2.7	2.7	.06	.00	1.1	1.1	52,897	.929	.01
ADV02e	292	2.4	2.4	.07	.01	1.1	1.2	50,109	.563	-.03
ADV02f	319	2.7	2.7	.06	.00	1.1	1.1	55,547	.936	.00
ADV02g	274	2.6	2.6	.07	.01	1.1	1.2	45,695	.836	.01
ADV02h	280	2.4	2.4	.07	.01	1.1	1.2	283	.352	-.05
ADV02i	313	2.5	2.5	.06	.01	1.1	1.2	316	.964	.00

\*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 *N*s 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.