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**NSSE 2013**

**Academic Advising Module**

California State University, San Bernardino

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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 Connecticut State University (New Britain, CT)
Alabama State University (Montgomery, AL)	Central Methodist University (Fayette, MO)
Alaska Pacific University (Anchorage, AK)	Centre College (Danville, KY)
Alberta College of Art + Design (Calgary, AB)	Cheyney University of Pennsylvania (Cheyney, PA)
Alvernia University (Reading, PA)	Citadel, The Military College of South Carolina, The (Charleston, SC)
Andrews University (Berrien Springs, MI)	Clafflin University (Orangeburg, SC)
Auburn University (Auburn University, AL)	Clarion University of Pennsylvania (Clarion, PA)
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 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)
Central College (Pella, IA)	Florida Institute of Technology (Melbourne, FL)

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

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>		
				CSUSB		Academic Advising		CSUSB	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	19	19	4,626	10	<b>1.8</b>	2.2 **	-.27
		1	1	29	30	11,237	24			
		2	2	27	27	14,445	30			
		3	3	13	13	9,044	19			
		4	4	3	3	4,054	8			
		5	5	1	1	1,539	3			
		6	6 or more	7	7	2,694	5			
			Total	99	100	47,639	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	4	3	3,779	8	<b>3.2</b>	3.0 *	.22
		2	Some	14	14	8,759	18			
		3	Quite a bit	27	27	15,192	32			
		4	Very much	37	37	16,309	34			
		—	Not applicable	18	18	3,632	8			
			Total	100	100	47,671	100			
b. Listened closely to your concerns and questions	ADV02b	1	Very little	6	6	3,710	8	<b>3.2</b>	3.0	.16
		2	Some	14	15	8,554	18			
		3	Quite a bit	21	21	14,511	31			
		4	Very much	40	40	16,797	35			
		—	Not applicable	19	19	4,006	9			
			Total	100	100	47,578	100			
c. Informed you of important deadlines	ADV02c	1	Very little	11	11	6,377	14	<b>3.1</b>	2.8 **	.31
		2	Some	4	4	9,276	19			
		3	Quite a bit	30	29	13,434	28			
		4	Very much	36	37	14,297	30			
		—	Not applicable	19	19	4,102	9			
			Total	100	100	47,486	100			
d. Helped you understand academic rules and policies	ADV02d	1	Very little	8	8	6,120	13	<b>3.0</b>	2.8	.19
		2	Some	13	14	10,086	21			
		3	Quite a bit	30	28	13,242	28			
		4	Very much	29	29	13,182	28			
		—	Not applicable	20	21	4,814	10			
			Total	100	100	47,444	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1	Very little	13	13	7,442	16	<b>2.9</b>	2.7	.16
		2	Some	11	13	9,974	21			
		3	Quite a bit	24	23	12,247	26			
		4	Very much	30	29	12,543	26			
		—	Not applicable	22	23	5,351	12			
			Total	100	100	47,557	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>		
				CSUSB		Academic Advising		CSUSB	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
f. Provided useful information about courses	ADV02f	1	Very little	9	9	5,609	12	<b>3.0</b>	2.9	.12
		2	Some	15	15	9,448	20			
		3	Quite a bit	25	26	13,805	29			
		4	Very much	34	33	15,147	32			
		—	Not applicable	17	17	3,506	8			
		Total		100	100	47,515	100			
g. Helped you when you had academic difficulties	ADV02g	1	Very little	9	9	7,445	16	<b>2.9</b>	2.7	.19
		2	Some	15	15	8,674	18			
		3	Quite a bit	18	18	9,771	21			
		4	Very much	27	25	11,182	23			
		—	Not applicable	31	32	10,402	22			
		Total		100	100	47,474	100			
h. Helped you get information on special opportunities (study abroad, internship, research projects, etc.)	ADV02h	1	Very little	13	13	9,449	20	<b>2.7</b>	2.5	.12
		2	Some	14	15	8,914	19			
		3	Quite a bit	20	20	9,181	20			
		4	Very much	19	18	9,813	20			
		—	Not applicable	33	34	10,058	22			
		Total		99	100	47,415	100			
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	21	21	10,005	21	<b>2.5</b>	2.5	.02
		2	Some	11	12	10,329	21			
		3	Quite a bit	22	23	9,638	20			
		4	Very much	19	18	10,652	22			
		—	Not applicable	26	26	6,737	15			
		Total		99	100	47,361	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	20	19	15,839	32			
		—	Academic advisor(s) available to any student	14	16	4,315	10			
		—	Faculty or staff not formally assigned as an advisor	7	7	4,660	9			
		—	Online advising system (degree progress report, etc.)	5	5	1,136	3			
		—	Web site, catalog, or other published sources	12	11	2,210	5			
		—	Friends or other students	18	18	7,234	15			
		—	Family members	8	7	8,466	17			
		—	Other, please specify:	10	10	1,245	3			
		—	I did not seek academic advice this year	6	5	2,547	6			
			Total	100	100	47,652	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>		
				CSUSB		Academic Advising		CSUSB	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	72	21	9,186	14	<b>2.0</b>	2.3 **	-.14
		1	1	81	24	16,919	24			
		2	2	75	22	18,036	26			
		3	3	54	15	10,765	15			
		4	4	26	7	5,915	8			
		5	5	7	2	2,418	3			
		6	6 or more	33	9	7,696	10			
			Total	348	100	70,935	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	37	11	6,730	10	<b>3.0</b>	3.0	.01
		2	Some	44	13	12,932	19			
		3	Quite a bit	94	27	20,892	29			
		4	Very much	117	33	25,851	36			
		—	Not applicable	54	16	4,600	7			
			Total	346	100	71,005	100			
b. Listened closely to your concerns and questions	ADV02b	1	Very little	36	11	7,007	10	<b>3.0</b>	3.0	.03
		2	Some	40	12	12,397	18			
		3	Quite a bit	91	26	19,442	27			
		4	Very much	116	33	26,098	36			
		—	Not applicable	58	18	5,883	9			
			Total	341	100	70,827	100			
c. Informed you of important deadlines	ADV02c	1	Very little	66	20	12,095	17	<b>2.6</b>	2.7	-.09
		2	Some	52	15	13,611	19			
		3	Quite a bit	78	22	17,561	25			
		4	Very much	90	25	21,423	30			
		—	Not applicable	58	18	6,096	9			
			Total	344	100	70,786	100			
d. Helped you understand academic rules and policies	ADV02d	1	Very little	49	14	12,259	18	<b>2.7</b>	2.7	.04
		2	Some	65	19	14,455	20			
		3	Quite a bit	67	19	16,088	23			
		4	Very much	88	25	18,296	26			
		—	Not applicable	76	22	9,537	13			
			Total	345	100	70,635	100			
e. Informed you of academic support options (tutoring, study groups, help with writing, etc.)	ADV02e	1	Very little	69	20	16,988	24	<b>2.5</b>	2.4	.08
		2	Some	70	21	14,045	20			
		3	Quite a bit	53	15	12,467	18			
		4	Very much	77	22	14,291	20			
		—	Not applicable	77	23	13,033	18			
			Total	346	100	70,824	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>		
				CSUSB		Academic Advising		CSUSB	Academic Advising	
				Count	%	Count	%	Mean	Mean	Effect size <sup>d</sup>
f. Provided useful information about courses	ADV02f	1	Very little	39	12	11,894	17	<b>2.9</b>	2.7 *	.13
		2	Some	62	18	13,985	20			
		3	Quite a bit	81	23	17,614	24			
		4	Very much	108	31	20,842	29			
		—	Not applicable	56	17	6,428	9			
		Total		346	100	70,763	100			
g. Helped you when you had academic difficulties	ADV02g	1	Very little	55	17	12,881	19	<b>2.6</b>	2.6	.05
		2	Some	49	14	11,121	16			
		3	Quite a bit	60	17	12,286	17			
		4	Very much	80	23	16,839	23			
		—	Not applicable	100	29	17,545	25			
		Total		344	100	70,672	100			
h. Helped you get information on special opportunities (study abroad, internship, research projects, etc.)	ADV02h	1	Very little	75	22	16,300	24	<b>2.5</b>	2.4	.05
		2	Some	54	16	11,424	16			
		3	Quite a bit	50	14	11,428	16			
		4	Very much	81	23	15,237	21			
		—	Not applicable	84	25	16,198	24			
		Total		344	100	70,587	100			
i. Discussed your career interests and post-graduation plans	ADV02i	1	Very little	80	24	17,378	26	<b>2.5</b>	2.5	.00
		2	Some	62	18	13,440	19			
		3	Quite a bit	49	14	12,398	17			
		4	Very much	79	23	17,972	24			
		—	Not applicable	69	21	9,369	14			
		Total		339	100	70,557	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	Response options	Count	%	Count	%
ADV03	— Academic advisor(s) assigned to you	60	17	23,319	32
	— Academic advisor(s) available to any student	38	11	6,392	10
	— Faculty or staff not formally assigned as an advisor	88	26	13,479	18
	— Online advising system (degree progress report, etc.)	27	8	3,768	6
	— Web site, catalog, or other published sources	23	7	3,871	6
	— Friends or other students	34	10	7,175	10
	— Family members	20	6	5,901	8
	— Other, please specify:	27	8	2,543	4
	— I did not seek academic advice this year	28	9	4,517	7
	Total		345	100	70,965

\*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>
	CSUSB	CSUSB	Academic Advising	CSUSB	Academic Advising	CSUSB	Academic Advising			
ADV01	98	1.8	2.2	.16	.01	1.6	1.5	12,637	.007	-.27
ADV02a	80	3.2	3.0	.10	.01	0.9	1.0	11,643	.045	.22
ADV02b	80	3.2	3.0	.11	.01	1.0	1.0	11,521	.152	.16
ADV02c	80	3.1	2.8	.11	.01	1.0	1.0	11,465	.007	.31
ADV02d	78	3.0	2.8	.11	.01	1.0	1.0	78	.076	.19
ADV02e	76	2.9	2.7	.13	.01	1.1	1.1	11,153	.172	.16
ADV02f	82	3.0	2.9	.11	.01	1.0	1.0	11,622	.261	.12
ADV02g	67	2.9	2.7	.13	.01	1.1	1.1	9,776	.116	.19
ADV02h	65	2.7	2.5	.14	.01	1.1	1.1	9,841	.353	.12
ADV02i	72	2.5	2.5	.14	.01	1.2	1.1	10,692	.874	.02

\*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>
	CSUSB	CSUSB	Academic Advising	CSUSB	Academic Advising	CSUSB	Academic Advising	Comparisons with: Academic Advising		
ADV01	347	2.0	2.3	.10	.01	1.8	1.8	23,439	.010	-.14
ADV02a	289	3.0	3.0	.06	.01	1.0	1.0	21,834	.926	.01
ADV02b	281	3.0	3.0	.06	.01	1.0	1.0	21,350	.677	.03
ADV02c	283	2.6	2.7	.07	.01	1.2	1.1	21,287	.138	-.09
ADV02d	268	2.7	2.7	.07	.01	1.1	1.1	20,160	.519	.04
ADV02e	267	2.5	2.4	.07	.01	1.2	1.2	19,098	.205	.08
ADV02f	288	2.9	2.7	.06	.01	1.1	1.1	295	.020	.13
ADV02g	244	2.6	2.6	.07	.01	1.2	1.2	17,415	.479	.05
ADV02h	256	2.5	2.4	.08	.01	1.2	1.2	17,841	.461	.05
ADV02i	266	2.5	2.5	.07	.01	1.2	1.2	20,018	.950	.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 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.