## Online Appendix for "College Party Culture and Sexual Assault" by Jason M. Lindo, Peter Siminski, and Isaac D. Swensen

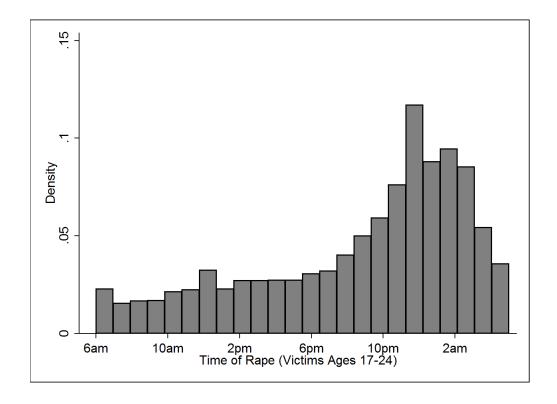


Figure A1: Distribution of Reports of Rape by Time of Incident

Note: This figure shows time-of-day distribution of reports of rapes with 17-24 year old victims reported to agencies which cover college campuses with a Division 1 football team by time of incident.

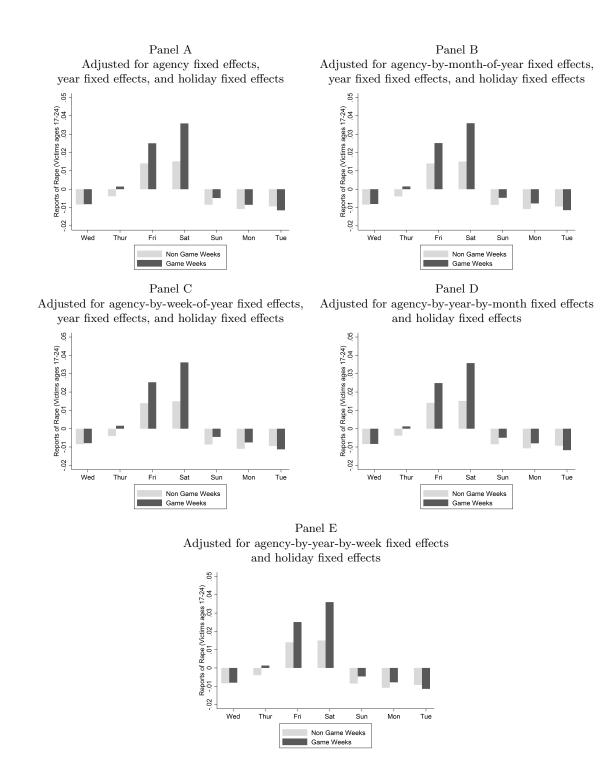


Figure A2: Residualized Daily Reports of Rape Per Agency on Saturday Game Weeks and Non-Game Weeks

Note: See Figure V. Additionally note that the residualized number of reports are calculated as the actual number minus the number predicted by a Poisson model with the relevant controls variables listed in each panel heading.

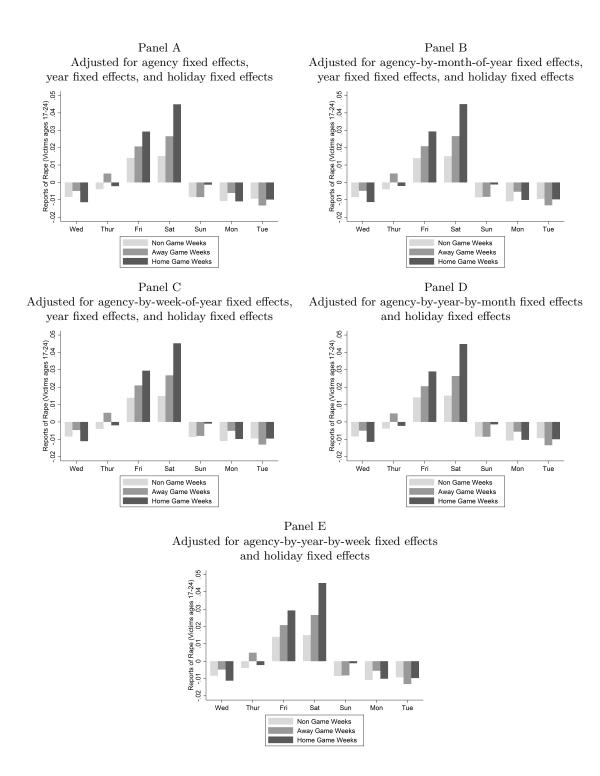


Figure A3: Residualized Daily Reports of Rape Per Agency on Saturday Game Weeks and Non-Game Weeks, Separating Home and Away Game Weeks

Note: See Figure V. Additionally note that the residualized number of reports are calculated as the actual number minus the number predicted by a Poisson model with the relevant controls variables listed in each panel heading.

Table A1: List of Division 1 Schools, Corresponding Law-Enforcement Agencies, and Rivals

School	Agencies (Years in NIBRS)	Rival(s)		
Air Force Academy	Colorado Springs Police Dept (1997-2012)	Colorado State, Hawaii		
Alabama State Univ Arkansas State Univ	Alabama State Univ Police (1991-1992) Arkansas State Univ Police Dept. (2003-2012) Jonesboro Police Dept (2003-2012)	Tuskegee Memphis		
Auburn Univ	Auburn Police Dept (1991-1992)	Alabama, Georgia		
Austin Peay State Univ	Clarksville Police Dept (1997-2012)	Murray State		
Boise State Univ	Austin Peay State Univ Police (1997-2012)  Boise Police Dept (1992-2012)	Fresno State, Idaho, Nevada		
Bowling Green State Univ	Bowling Green Police Division (2006-2012)	Kent State, Toledo		
D. I. W. H.	Bowling Green State Univ Police (2011-2012)	II. 1 II. 1 C		
Brigham Young Univ	Provo Police Dept (1992-2012) Brigham Young Univ (1995-2012)	Utah, Utah State		
Brown Univ	Providence Police Dept (2006-2012)	Rhode Island, Harvard		
Bryant Univ Central Connecticut State Univ	Smithfield Police Dept (2004-2012)  C Connecticut State Univ Police (1998-2012)	Sacred Heart (CT)		
Central Michigan Univ	C Michigan Univ Police Dept (1995-2012)	Eastern Michigan, Western Michigan		
	Mount Pleasant Police Dept (1995-2012)			
Charleston Southern Univ Clemson Univ*	North Charleston Police Dept (1991-2012)  Clemson Police Dept (1991-2012)	Coastal Carolina South Carolina, North Carolina State		
	Clemson Univ Police (1991-2012)			
Coastal Carolina Univ	Coastal Carolina Univ Police Dept (2003-2012)	Charleston Southern (SC), Liberty		
College of William & Mary	Conway Police Dept (2003-2012) William & Mary College Campus Police (1998-2012)	Richmond, James Madison		
	Williamsburg Police Dept (1997-2012)			
Colorado State Univ	Fort Collins Police Dept (2006-2012) Colorado State Univ Police Dept (2006-2012)	Air Force, Wyoming, Colorado		
Dartmouth College	Hanover Police Dept (2003-2012)	New Hampshire		
Drake Univ	Des Moines Police Dept (1991-2012)			
East Carolina Univ Eastern Illinois Univ	Greenville Police Dept (1991-2012) Charleston Police Dept (1993-1994)	N. Carolina St, Marshall, S. Mississippi, N. Carolin Illinois State		
Eastern Himois Univ	Richmond Police Dept (2001-2012)	Western Kentucky		
Eastern Michigan Univ	E Michigan Univ Police Dept (1995-2012)	Western Michigan, Central Michigan		
Eastern Washington Univ Hampton Univ	Cheney Police Dept (2009-2012) Hampton Police Dept (2000-2012)	Montana Norfolk State, Howard		
Idaho State Univ	Pocatello Police Dept (1992-2012)	Weber State, Montana		
Illinois State Univ	Normal Police Dept (1993-1994)	Eastern Illinois		
Iowa State Univ	Iowa State Univ Police (1992-2012)	Iowa, Kansas State, Missouri		
Jacksonville State Univ	Ames Police Dept (1992-2012)  Jacksonville St Univ Police Dept (1991-1992)	Troy, Samford		
	Jacksonville Police Dept (1991-1992)	• /		
James Madison Univ Kansas State Univ	Harrisonburg Police Dept (1997-2012) Riley County Police Dept (2000-2012)	Delaware, William & Mary Kansas, Iowa State, Nebraska		
Kansas State Univ	Kansas St Univ Police Dept (2001, 2003-2012)	Kansas, Iowa State, Nebraska		
Liberty Univ	Lynchburg Police Dept (2000-2012)	Coastal Carolina		
Marshall Univ	Huntington Police Dept (2000-2012)  Marshall Univ Police Dept (1999-2012)	Ohio, East Carolina, West Virginia		
Michigan State Univ*	East Lansing Police Dept (2000-2012)	Indiana, Penn State, Michigan, Notre Dame		
_	Michigan St Univ Police Dept (2000-2012)			
Middle Tennessee State Univ	Murfreesboro Police Dept (1998-2012) Middle Tennessee St Univ Police (1997-2012)	Troy, Western Kentucky		
Montana State Univ	Bozeman Police Dept (2005-2012)	Montana		
Morehead State Univ	Morehead Police Dept (2001-2005, 2008-2012)	Eastern Kentucky		
Murray State Univ Norfolk State Univ	Murray Police Dept (2000-2004, 2008-2012)  Norfolk State Univ Police (1997-2012)	Western Kentucky Hampton (Va)		
North Dakota State Univ	North Dakota State Univ Police (1997-2012)	South Dakota State, North Dakota		
	Fargo Police Dept (1991-2012)			
Northern Illinois Univ Ohio State Univ*	Northern Illinois Univ Police (1993-1994)  Columbus Police Dept (2003-2012)	Toledo, Ball State Illinois, Michigan, Penn State		
Onio State Oniv	Ohio State Univ Police Dept (2003-2012)	inmois, wienigan, i enn State		
Ohio Univ	Athens Police Dept (2003-2012)	Marsharll, Miami (OH)		
Old Dominion Univ	Old Dominion Univ Police Dept. (2009-2012) Norfolk Police Dept (2009-2012)	James Madison		
Oregon State Univ	Corvallis Police Dept (2003-2012)	Oregon, Washington, Washington State		
Presbyterian College	Clinton Dept of Public Safety (1991-2012)	Newberry		
Sacred Heart Univ	Presbyterian Col (1997-00, 2002-04, 2007-08, 2012) Fairfield Police Dept (2001-2012)	Central Connecticut State		
South Carolina State Univ	S. Carolina State Univ Police Dept (1991-2012)	North Carolina A&T		
South Dakota State Univ	Brookings Police Dept (2001-2006, 2008-2012)	North Dakota State, South Dakota		
Southern Illinois Univ Carbondale Tennessee State Univ	Carbondale Police Dept (1993-1994) Tennessee State Univ (1997-2012)	Northern Iowa, Southeast Missouri State		
Texas Christian Univ	Fort Worth Police Dept (2005-2012)	Baylor, Southern Methodist, Texas Tech		
Texas State Univ	San Marcos Police Dept (2002-2007)	Nicholls State, Sam Houston State		
The Citadel	Citadel Public Safety (1991-2001, 2003-2012) Charleston Police Dept (1991-2012)	Virginia Military Institute, Furman		
Univ Northern Iowa	Cedar Falls Police Dept (1992-2012)	Iowa, Iowa State, N. Dakota State, S. Illinois		
	Univ of Northern Iowa Police (1992-2012)	<u> </u>		
Univ Toledo Univ of Akron	Univ of Toledo Police Dept (2012)  Akron Police Dept (1998-2012)	Bowling Green State Kent State		
Univ of Alabama*	Tuscaloosa Police Dept (1991-1992)	Auburn, Louisiana State, Tennessee		
**	Univ of Alabama Pd Univ (1991-1992)			
Univ of Alabama-Birmingham Univ of Arkansas	Birmingham Police Dept (1991-1992) Univ of AK - Fayetteville Police (2007-2012)	Southern Mississippi, Troy  Louisiana State, Texas, Mississippi, Texas A&M		
OHI OI III RAIISAS	Fayetteville Police Dept (2003-2012)	Dominina Otate, Texas, Wississippi, Texas A&W		
Univ of Arkansas as Pine Bluff	Pine Bluff Police Dept (2009-2012)	M (OV)		
Univ of Cincinnati Univ of Colorado Boulder*	Cincinnati Police Dept (1998-2012) Univ of Colorado - Boulder Police Dept (1997-2012)	Miami (OH), Louisville, Pittsburgh Nebraska, Colorado State, Utah		
only of Colorado Boulder"	Boulder Police Dept (2010-2012)	nebraska, Colorado State, Otafi		
Univ of Connecticut	Univ of Connecticut Police (1998-2012)	Massachusetts, Rutgers		
Univ of Dayton	Dayton Police Dept (1998-2012)	Paiga Stata Washington State		
Univ of Idaho Univ of Illinois Urbana-Champaign*	Moscow Police Dept (1992-2012) Champaign Police Dept (1993-1994)	Boise State, Washington State Missouri, Northwestern, Purdue, Ohio State		
	Univ of Illinois Police Dept (1993-1994)			
Univ of Iowa*	Univ of Iowa Police (1996, 1998-2012)	Minnesota, Iowa State, Nebraska, Wisconsin		
	Iowa City Police Dept (1993-2012)  Univ of KS Police Dept (2001-2009, 2011-2012)	Nebraska, Missouri, Kansas State		
Univ of Kansas*				
Univ of Kansas* Univ of Kentucky	Lawrence Police Dept (2001-2012) Univ of KY Police Dept (2002-2005, 2008-2012)	Louisville, Mississipi State, Tennessee, Vanderbilt		

Continued on next page

School	Agencies (Years in NIBRS)	Rival(s)
Univ of Louisville	Univ of Louisville Police Dept (2009-2012)	Cincinnati, Kentucky, Memphis
Univ of Massachusetts*	Amherst Police Dept (2002-2012)	Boston College, Connecticut
	Univ of Mass - Amherst Police (1995-2012)	
Univ of Memphis	Memphis Police Dept (2000-2012)	Southern Mississippi
	Univ of Memphis Police (1998-2012)	
Univ of Michigan*	Ann Arbor Police Dept (2003-2012)	Michigan State, Notre Dame, Ohio State, Minnesota
	Univ of MI Flint Dept of Public Safety (1995-2012)	
Univ of New Hampshire*	Durham Police Dept (2008-2012)	Dartmouth, Maine, Massachusettes
Univ of North Texas	Denton Police Dept (2002-2012)	Southern Methodist
Univ of Northern Colorado	Greeley Police Dept (2005-2012)	
Univ of Richmond	Williamsburg Sheriff'S Dept (1998-2012)	William & Mary
Univ of South Carolina*	Univ of S. Carolina Law Enf & Saf (1991-2012)	Clemson, Georgia
	Columbia Police Dept (1991-2012)	
Univ of South Dakota	Vermillion Police Dept (2001-2012)	South Dakota State
Univ of Tennessee*	Knoxville Police Dept (2000-2012)	Kentucky, Vanderbilt, Alabama, Florida
	Univ of Tennessee at Knoxville Police (1997-2012)	
Univ of Texas at Austin*	Austin Police Dept (1997-2003)	Oklahoma, Texas A&M, Texas Tech, Arkansas
Univ of Texas at El Paso	El Paso Police Dept (2004-2007)	New Mexico State
Univ of Utah	Salt Lake City Police Dept (1999-2012)	Brigham Young, Utah State
	Univ of Utah Police Dept (1993-2003)	9
Univ of Virginia	Charlottesville Police Dept. (1997-2012)	North Carolina, Virginia Tech
_	Univ of Virginia Police Dept (1997-2012)	· -
Univ of Washington	Seattle Police Dept (2012)	Washington State, Oregon
Utah State Univ	Logan Police Dept (1993-2012)	Wyoming, Utah, Brigham Young
	Utah State Univ Police Dept (2005-2012)	
Vanderbilt Univ	Nashville Metro Police Dept (1999-2012)	Georgia, Kentucky, Mississippi, Tennessee
	Vanderbilt Univ (1997-2012)	
Virginia Tech*	Virginia Polytechnic Institute Police (2004-2012)	West Virginia, Virginia, Miami
	Blacksburg Police Dept (1995-2012)	
Washington St Univ	Washington St Univ Police Dept (2011-2012)	Washington, Idaho
	Pullman Police Dept (2006-2012)	
Weber State Univ	Ogden Police Dept (2001-2012)	
West Virginia Univ*	West Virginia Univ Police Dept. (2001-2012)	Pittsburgh, Maryland, Syracuse, Virginia Tech
9	Morgantown Police Dept (1999-2012)	3, , , , ,
Western Illinois Univ	Macomb Police Dept (1993-1994)	
Western Kentucky Univ	Western Kentucky Univ Police (2009-2012)	Murray State, E Kentucky, Middle Tennessee St
· ·	Bowling Green Police Dept (2008-2012)	- ,
Western Michigan Univ	Kalamazoo Dept of Public Safety (2000-2012)	Eastern Michigan, Central Michigan
9	Western MI Univ Police Dept (1995-2012)	5 ,
Youngstown State Univ	Youngstown Police Dept (2004-2012)	Akron

<sup>\*</sup>School is listed at least once in the top 20 of the Princeton Party School Rankings from 2001-2012.

Table A2: Universities Included in Analysis Compared to All With Division 1 Football

NIBRS-Matched Schools         All Schools           Panel A: School Characteristics, IPEDS           Schools         96         245           Enrollment         13,228         12,057           SAT writing 25th percentile score         490         507           SAT writing 75th percentile score         597         610           SAT critical Reading 25th percentile score         604         613           SAT critical Reading 75th percentile score         507         520           SAT math 25th percentile score         619         628           Retention rate (%)         79         81           Fraction private schools         0.15         0.26           Fraction receiving federal-grant aid         0.27         0.27           Fraction receiving student-loan aid         0.48         0.47           Fraction male         0.48         0.48           Fraction female         0.52         0.52           Fraction Black         0.01         0.08           Fraction Black         0.12         0.15           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR         78,743         81,448           Annual reports of rape per			
Schools         96         245           Enrollment         13,228         12,057           SAT writing 25th percentile score         490         507           SAT writing 75th percentile score         597         610           SAT critical Reading 25th percentile score         492         505           SAT critical Reading 75th percentile score         604         613           SAT math 25th percentile score         507         520           SAT math 75th percentile score         619         628           Retention rate (%)         79         81           Fraction private schools         0.15         0.26           Fraction private schools         0.15         0.26           Fraction private schools         0.15         0.27           Fraction private schools         0.15         0.26           Fraction grid student-loan aid         0.27         0.27           Fraction receiving student-loan aid         0.48         0.48           Fraction male         0.48         0.48           Fraction Mulic         0.74         0.68           Fraction Black         0.12         0.15           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Sta		NIBRS-Matched Schools	All Schools
Enrollment	Panel A: School Characteristics, IPEDS		
SAT writing 25th percentile score       490       507         SAT writing 75th percentile score       597       610         SAT critical Reading 25th percentile score       492       505         SAT critical Reading 75th percentile score       604       613         SAT math 25th percentile score       507       520         SAT math 75th percentile score       619       628         Retention rate (%)       79       81         Fraction private schools       0.15       0.26         Fraction private schools       0.12       0.27       0.27         Fraction receiving student-loan aid       0.48       0.48       0.48         Fraction receiving any financial aid       0.78       0.79         Fraction male       0.48       0.48         Fraction Black       0.12       0.15         Fraction White       0.04 <t< td=""><td>Schools</td><td>96</td><td>245</td></t<>	Schools	96	245
SAT writing 75th percentile score       597       610         SAT critical Reading 25th percentile score       492       505         SAT critical Reading 75th percentile score       507       520         SAT math 25th percentile score       507       520         SAT math 75th percentile score       619       628         Retention rate (%)       79       81         Fraction private schools       0.15       0.26         Fraction receiving federal-grant aid       0.27       0.27         Fraction receiving student-loan aid       0.48       0.47         Fraction receiving any financial aid       0.78       0.79         Fraction male       0.48       0.48         Fraction female       0.52       0.52         Fraction Black       0.12       0.15         Fraction Black       0.12       0.15         Fraction Hispanic       0.04       0.05         Panel B: Law Enforcement Agency Statistics, UCR         Fraction Municipal Agencies       0.57       0.58         Number of Residents       78,743       81,448         Annual reports of rape per 10,000       1.10       1.10         Panel C: Football Performance Statistics, Sports Reference <t< td=""><td>Enrollment</td><td>13,228</td><td>12,057</td></t<>	Enrollment	13,228	12,057
SAT critical Reading 25th percentile score       492       505         SAT critical Reading 75th percentile score       604       613         SAT math 25th percentile score       507       520         SAT math 75th percentile score       619       628         Retention rate (%)       79       81         Fraction private schools       0.15       0.26         Fraction receiving federal-grant aid       0.27       0.27         Fraction receiving student-loan aid       0.48       0.47         Fraction receiving any financial aid       0.78       0.79         Fraction male       0.48       0.48         Fraction female       0.52       0.52         Fraction White       0.74       0.68         Fraction Black       0.12       0.15         Fraction Hispanic       0.03       0.05         Panel B: Law Enforcement Agency Statistics, UCR       Value of the science of	SAT writing 25th percentile score	490	507
SAT critical Reading 75th percentile score       604       613         SAT math 25th percentile score       507       520         SAT math 75th percentile score       619       628         Retention rate (%)       79       81         Fraction private schools       0.15       0.26         Fraction receiving federal-grant aid       0.27       0.27         Fraction receiving student-loan aid       0.48       0.47         Fraction receiving any financial aid       0.78       0.79         Fraction male       0.48       0.48         Fraction female       0.52       0.52         Fraction Black       0.74       0.68         Fraction Black       0.12       0.15         Fraction Hispanic       0.03       0.05         Panel B: Law Enforcement Agency Statistics, UCR       Value of the scientist of the scients of the sci		597	610
SAT math 25th percentile score       507       520         SAT math 75th percentile score       619       628         Retention rate (%)       79       81         Fraction private schools       0.15       0.26         Fraction receiving federal-grant aid       0.27       0.27         Fraction receiving student-loan aid       0.48       0.47         Fraction receiving any financial aid       0.78       0.79         Fraction male       0.48       0.48         Fraction female       0.52       0.52         Fraction Black       0.12       0.15         Fraction Asian       0.03       0.05         Fraction Hispanic       0.04       0.05         Panel B: Law Enforcement Agency Statistics, UCR         Fraction Municipal Agencies       0.57       0.58         Number of Residents       78,743       81,448         Annual reports of rape per 10,000       1.10       1.10         Panel C: Football Performance Statistics, Sports Reference         Season winning percentage       0.53       0.51         Fraction home games       0.49       0.49         Fraction of seasons with bowl game participation       0.23       0.20	9 1	492	505
SAT math 75th percentile score       619       628         Retention rate (%)       79       81         Fraction private schools       0.15       0.26         Fraction receiving federal-grant aid       0.27       0.27         Fraction receiving student-loan aid       0.48       0.47         Fraction receiving any financial aid       0.78       0.79         Fraction male       0.48       0.48         Fraction female       0.52       0.52         Fraction White       0.74       0.68         Fraction Black       0.12       0.15         Fraction Asian       0.03       0.05         Fraction Hispanic       0.04       0.05         Panel B: Law Enforcement Agency Statistics, UCR       C.57       0.58         Number of Residents       78,743       81,448         Annual reports of rape per 10,000       1.10       1.10         Panel C: Football Performance Statistics, Sports Reference         Season winning percentage       0.53       0.51         Fraction home games       0.49       0.49         Fraction of seasons with bowl game participation       0.23       0.20	SAT critical Reading 75th percentile score	604	613
Retention rate (%)         79         81           Fraction private schools         0.15         0.26           Fraction receiving federal-grant aid         0.27         0.27           Fraction receiving student-loan aid         0.48         0.47           Fraction receiving any financial aid         0.78         0.79           Fraction male         0.48         0.48           Fraction female         0.52         0.52           Fraction White         0.74         0.68           Fraction Black         0.12         0.15           Fraction Asian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction home games         0.49         0.49           Fraction home games         0.20         0.20 </td <td>SAT math 25th percentile score</td> <td>507</td> <td>520</td>	SAT math 25th percentile score	507	520
Fraction private schools         0.15         0.26           Fraction receiving federal-grant aid         0.27         0.27           Fraction receiving student-loan aid         0.48         0.47           Fraction receiving any financial aid         0.78         0.79           Fraction male         0.48         0.48           Fraction female         0.52         0.52           Fraction White         0.74         0.68           Fraction Black         0.12         0.15           Fraction Asian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR         Value of Residents         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	SAT math 75th percentile score	619	628
Fraction receiving federal-grant aid         0.27         0.27           Fraction receiving student-loan aid         0.48         0.47           Fraction receiving any financial aid         0.78         0.79           Fraction male         0.48         0.48           Fraction female         0.52         0.52           Fraction White         0.74         0.68           Fraction Black         0.12         0.15           Fraction Asian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Retention rate $(\%)$	79	81
Fraction receiving student-loan aid         0.48         0.47           Fraction receiving any financial aid         0.78         0.79           Fraction male         0.48         0.48           Fraction female         0.52         0.52           Fraction White         0.74         0.68           Fraction Black         0.12         0.15           Fraction Asian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction private schools	0.15	0.26
Fraction receiving any financial aid         0.78         0.79           Fraction male         0.48         0.48           Fraction female         0.52         0.52           Fraction White         0.74         0.68           Fraction Black         0.12         0.15           Fraction Assian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction receiving federal-grant aid	0.27	0.27
Fraction male         0.48         0.48           Fraction female         0.52         0.52           Fraction White         0.74         0.68           Fraction Black         0.12         0.15           Fraction Asian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction receiving student-loan aid	0.48	0.47
Fraction female         0.52         0.52           Fraction White         0.74         0.68           Fraction Black         0.12         0.15           Fraction Asian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction receiving any financial aid	0.78	0.79
Fraction White         0.74         0.68           Fraction Black         0.12         0.15           Fraction Asian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction male	0.48	0.48
Fraction Black         0.12         0.15           Fraction Asian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction female	0.52	0.52
Fraction Asian         0.03         0.05           Fraction Hispanic         0.04         0.05           Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction White	0.74	0.68
Panel B: Law Enforcement Agency Statistics, UCR         5           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference         Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction Black	0.12	0.15
Panel B: Law Enforcement Agency Statistics, UCR           Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction Asian	0.03	0.05
Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20	Fraction Hispanic	0.04	0.05
Fraction Municipal Agencies         0.57         0.58           Number of Residents         78,743         81,448           Annual reports of rape per 10,000         1.10         1.10           Panel C: Football Performance Statistics, Sports Reference           Season winning percentage         0.53         0.51           Fraction home games         0.49         0.49           Fraction of seasons with bowl game participation         0.23         0.20			
Number of Residents 78,743 81,448 Annual reports of rape per 10,000 1.10 1.10  Panel C: Football Performance Statistics, Sports Reference Season winning percentage 0.53 0.51 Fraction home games 0.49 0.49 Fraction of seasons with bowl game participation 0.23 0.20	<b>9 ,</b>	0.55	0.50
Annual reports of rape per 10,000 1.10 1.10  Panel C: Football Performance Statistics, Sports Reference Season winning percentage 0.53 0.51 Fraction home games 0.49 0.49 Fraction of seasons with bowl game participation 0.23 0.20			
Panel C: Football Performance Statistics, Sports Reference Season winning percentage 0.53 0.51 Fraction home games 0.49 0.49 Fraction of seasons with bowl game participation 0.23 0.20		,	,
Season winning percentage 0.53 0.51 Fraction home games 0.49 0.49 Fraction of seasons with bowl game participation 0.23 0.20	Annual reports of rape per 10,000	1.10	1.10
Season winning percentage 0.53 0.51 Fraction home games 0.49 0.49 Fraction of seasons with bowl game participation 0.23 0.20	Panel C: Football Performance Statistics, Sports Ref	erence	
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Fraction of seasons with bowl game participation 0.23 0.20	~ - ~		0.49
Ÿ	e e e e e e e e e e e e e e e e e e e	0.23	0.20
	9 1 1		

Note: This table shows how the 96 universities that are matched to agencies participating in NIBRS compared to all 245 universities with Division 1 football programs between 1991 and 2012. Panel A is based on data from the Integrated Postsecondary Education Data System (IPEDS) from 1991–2012 (the years of our analysis of sexual assault). Panel B shows how the law-enforcement agencies whose data are used in our analysis compare to the broader set of agencies associated with universities participating in Division 1 football that can be identified in Uniform Crime Reports (UCR) data, which covers agencies serving approximately 95 percent of the U.S. population. We note that Uniform Crime Reports (UCR) data are not suitable for our main analysis because they are aggregated and lack details on the timing of incidents. Panel C shows how the football programs at the universities represented in our analysis compare to all Division 1 football programs, based on data from sports-reference.com.

Table A3: Robustness to Dates Included in the Analysis

	Main Sample (1)	Fall Sep-Dec (2)	Football Reg Season (3)	Omitting Sept (4)	Omitting Oct (5)	Omitting Nov (6)	Omitting Dec (7)
Day before home game	0.178*** (0.067)	0.140* (0.077)	0.129 $(0.082)$	0.192* (0.100)	0.152** (0.066)	0.221*** (0.073)	0.194*** (0.067)
Home game day	0.343*** (0.069)	0.379*** (0.084)	0.352*** (0.069)	0.361*** (0.091)	0.300*** (0.076)	0.377*** (0.068)	0.344*** (0.066)
Day after Home Game	0.125** (0.057)	0.133 $(0.095)$	0.150* (0.085)	0.113* (0.069)	0.103 (0.066)	0.165** (0.077)	0.126** (0.054)
Day before away game	0.029 $(0.058)$	-0.008 (0.067)	-0.012 (0.078)	0.003 $(0.069)$	0.027 $(0.071)$	0.054 (0.069)	0.049 (0.060)
Away Game Day	0.136** (0.054)	0.173*** (0.067)	0.162** (0.063)	0.161*** (0.058)	0.138** (0.067)	0.109 $(0.067)$	0.135*** (0.052)
Day after Away Game	-0.070 (0.070)	-0.061 (0.100)	-0.033 (0.081)	-0.070 (0.086)	-0.074 (0.097)	-0.093 (0.079)	-0.064 (0.074)
Schools Agencies N	96 138 77,191	94 136 35,984	93 135 31,994	96 138 67,429	95 134 67,010	96 137 67,861	94 136 68,765
Day-of-Week FE Holiday Controls Agency by Year by Week FE	yes yes yes	yes yes yes	yes yes	yes yes yes	yes yes	yes yes yes	yes yes yes

Note: These estimates consider the same outcome (reports of 17–24 year old rape victims to an agency on a given day) using the same Poisson model as Column (5) of Table 3 (including agency-by-year-by-week fixed effects, day-of-week fixed effects, and holiday controls). See Table 3 for additional details. The main sample includes all months of the year excluding June, July, and August. The "Football Regular Season" is defined for each school and year based on the team's first game (minus six days) and last regular season game (plus six days).

<sup>\*, \*\*,</sup> and \*\*\* indicate statistical significance at the ten, five, and one percent levels, respectively.

Table A4: Estimated Effects on the Probability that a Report Leads to Arrest

Day before home game	-0.007 (0.023)
Home game day	-0.030 (0.033)
Day after home game	-0.036 (0.031)
Day before away game	0.028 $(0.036)$
Away game day	$0.030 \\ (0.025)$
Day after away game	-0.011 (0.024)
Schools Agencies N	95 137 21,298

Note: These estimates consider whether reports of rape of 17–24 year old rape victims lead to arrest. Estimates are based on a linear probability model using incident-level data (excluding June, July, and August) spanning 1991–2012 for law-enforcement agencies participating in the National Incident Based Reporting System that have been matched to universities participating in Division 1 football. The model additionally controls for agency-by-year-by-week fixed effects, day-of-week fixed effects, and holiday controls. For incidents involving a single victim and multiple perpetrators (20 percent), we classify an incident as leading to an arrest if any perpetrator is arrested. For incidents involving multiple victims (6.5 percent), we cannot verify that the person arrested for rape was arrested for the rape of the 17-24 year old victim but nonetheless classify an incident as leading to an arrest in such circumstances. Standard-error estimates are clustered at the university level.

<sup>\*, \*\*,</sup> and \*\*\* indicate statistical significance at the ten, five, and one percent levels, respectively.