Recruiting Chapter

Ozan Jaquette Crystal Han Irma Castaneda

1 University characteristics

classification	univ_abbrev	rank	satactcomp25	satactcomp75	tfuginst	tfugoutst	ugftptfreshtot	freshoutstpct	pgrnt_p	pctfreshwh	pctfreshbl	pctfreshap	pctfreshhi	pctfreshal
public_research	UC Berkeley	22	1315.8741	1527.489	13806.628	41076.48	6252	0.2436021	19.448523	25.62380	1.759437	42.722329	13.819578	9.2930262
	UC San Diego	35	1192.6296	1454.526	13945.624	41215.48	5748	0.2649617	30.731537	15.46625	1.513570	34.446764	20.633264	21.6249130
	U of Georgia	47	1164.7026	1359.762	11890.318	30501.52	5433	0.1233204	20.329569	67.95509	8.098656	12.350451	5.761090	1.6197313
	U of Pitt	58	1201.5671	1395.423	19028.189	30413.62	5644	0.3061658	20.273389	68.46208	7.317505	9.337349	4.323175	3.5790220
	Rutgers	63	1110.0000	1350.000	14688.642	30684.46	6465	0.1780356	26.996904	35.45244	5.955143	31.291570	12.126837	10.3789637
	UMass Amherst	66	1134.9703	1332.485	15300.839	32913.51	4679	0.2690746	21.511130	61.01731	3.782860	12.502671	6.026929	8.1213935
	UC Riverside	88	956.4182	1199.851	13880.214	41150.07	5358	0.0222098	56.594949	10.13438	4.012691	31.093692	47.200448	2.5009332
	SUNY Stony Brook	88	1162.5096	1373.127	9197.265	26817.09	2934	0.2583504	34.561583	27.84594	5.896387	28.766189	11.042945	16.4621677
	CU Boulder	103	1126.4928	1331.185	11785.049	35851.86	6421	0.4720449	14.565695	66.28251	1.479520	5.622177	12.536988	7.4754711
	U of S.Carolina	118	1135.3982	1320.531	11706.353	31562.39	5110	0.5320939	15.435847	82.09393	4.990215	3.033268	4.266145	1.2133072
	U of Kansas	124	1070.0000	1300.000	10781.414	26503.33	4233	0.4275927	23.438257	72.10017	4.299551	4.535790	8.669974	4.6302858
	UNL	133	1026.9377	1261.531	8725.086	23557.83	4860	0.2993827	23.856818	75.57613	3.065844	2.530864	7.242798	6.2962963
	U of Alabama	143	1052.5409	1350.901	10700.673	27543.76	7559	0.6809102	16.986155	80.55298	7.977246	1.270009	5.304934	0.7805265
	U of Cincinnati	143	1063.2927	1265.030	11242.350	26914.19	6913	0.1306235	26.655579	74.85896	9.012006	3.833357	3.515116	2.4157385
	U of Arkansas	160	1057.2655	1283.021	9014.320	23678.43	4972	0.5102574	19.501823	78.70072	3.921963	2.614642	8.487530	1.0458568
private_national	Northwestern	9	1413.0637	1527.341	51975.430	51975.43	1985	0.6977330	17.783375	46.14610	5.037783	16.725441	13.602015	9.6725441
	Notre Dame	19	1395.1492	1552.900	50779.652	50779.65	2046	0.9447703	11.876833	67.79081	4.496579	5.327468	10.654936	5.8651026
	Emory	21	1313.4745	1481.220	49010.516	49010.52	1358	0.8549337	17.452136	40.94256	7.142857	18.777614	10.824742	16.1266568
	Tufts	30	1375.1345	1514.865	53585.129	53585.13	1336	0.8023952	10.209993	54.86527	4.790419	13.398204	6.661677	11.3772455
	Boston Coll.	35	1296.5361	1460.000	52426.145	52426.14	2254	0.7657498	12.840467	61.35759	2.795031	10.692103	11.135759	6.8322981
	Tulane	41	1276.5323	1416.089	52133.844	52133.84	1856	0.8760776	7.758621	75.96983	4.256466	5.711207	5.818966	4.2564655
	Case Western Res.	42	1314.1865	1501.396	47019.598	47019.60	1265	0.7573122	9.968354	48.14229	4.268775	19.604743	6.245059	15.5731225
	Villanova	53	1279.7854	1420.000	50365.727	50365.73	1678	0.8313469	9.725537	76.04291	4.707986	5.542312	6.853397	1.4898689
	SMU	66	1244.0140	1416.004	51467.480	51467.48	1522	0.6156373	10.190664	66.42576	5.584757	5.913272	11.038108	6.3074901
	Baylor	76	1163.3229	1328.567	42931.469	42931.47	3503	0.3531259	17.362700	65.40108	6.166143	5.538110	15.272623	2.9403369
	U of Denver	80	1165.7943	1358.820	47444.762	47444.76	1399	0.6754825	14.596950	73.48106	2.001430	4.288778	9.792709	5.5754110
	TCU	80	1124.5416	1320.906	43610.098	43610.10	1888	0.5662076	11.234764	72.88136	4.661017	3.125000	13.294491	3.6546610
	Stevens Ins. Tech	80	1273.6338	1446.817	49913.988	49913.99	737	0.3880597	15.468114	65.40027	2.713704	14.654003	10.040706	4.6132972
	Marquette	88	1101.1530	1296.208	39317.562	39317.56	2005	0.7142144	18.981019	68.02993	4.887780	8.129676	13.316708	2.4937656
private_libarts	Williams	1	1350.9877	1527.407	52931.027	52931.03	553	0.8788427	21.157324	53.70705	7.775768	13.381555	13.019891	7.4141049
	Swarthmore	3	1319.6681	1521.618	50185.852	50185.85	415	0.9084337	19.277108	42.40964	7.710843	13.975904	13.493976	12.0481928
	Middlebury	9	1310.1361	1477.421	51165.980	51165.98	606	0.9554455	13.201320	62.87129	4.125413	6.435644	10.066007	9.2409241
	Smith	15	NA	NA	48959.414	48959.41	654	0.8654434	19.113150	47.09480	7.492355	9.633028	11.009174	13.9143731
	Harvey Mudd	25	1420.0000	1571.032	53826.328	53826.33	214	0.6261683	13.425926	34.11215	3.271028	17.757009	21.962617	5.1401869
	Colorado Coll.	25	NA	NA	52013.242	52013.24	533	0.8724203	8.067542	63.78987	2.814259	4.127580	9.193246	10.1313321
	Macalester	27	1282.4338	1473.175	51754.668	51754.67	506	0.8616601	15.612648	60.47431	3.359684	8.498024	7.312253	15.0197628
	Scripps	28	1275.1476	1430.098	52105.227	52105.23	270	0.5962963	12.222222	58.51852	5.185185	17.777778	10.370370	4.4444444
	Oberlin	36	1273.7423	1454.748	53147.699	53147.70	762	0.9317585	10.761155	62.59843	4.986877	5.249344	7.217848	10.7611549
	Occidental	40	1228.1915	1401.206	52195.164	52195.16	502	0.6135458	20.119522	50.19920	6.374502	14.741036	12.151394	7.7689243
	Sewanee	47	NA	NA	39671.188	39671.19	514	0.8307393	16.926070	82.10117	4.669261	1.556420	5.252918	3.5019455
	Conn Coll.	51	NA	NA	52062.301	52062.30	472	0.8665254	17.372881	67.58475	3.389830	5.084746	10.169491	8.0508475

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univ_abbrev	event_loc	event_type	count
UC Berkeley	instate	cc	161
UC Berkeley	instate	other	106
UC Berkeley	instate	priv_hs	47
UC Berkeley	instate	pub_hs	362
UC Berkeley	outofstate	other	97
UC Berkeley	outofstate	priv_hs	171
UC Berkeley	outofstate	pub_hs	233
UC San Diego	instate	cc	248
UC San Diego	instate	other	86
UC San Diego	instate	priv_hs	89
UC San Diego	instate	pub_hs	640
UC San Diego	outofstate	other	44
UC San Diego	outofstate	priv_hs	120
UC San Diego	outofstate	pub_hs	152
U of Georgia	instate	cc	1
U of Georgia	instate	other	25
U of Georgia	instate	priv_hs	70
U of Georgia	instate	pub_hs	208

(continued)

univ_abbrev	event_loc	event_type	count
U of Georgia	outofstate	other	67
U of Georgia	outofstate	priv_hs	237
U of Georgia	outofstate	pub_hs	306
U of Pitt	instate	cc	37
U of Pitt	instate	other	28
U of Pitt	instate	priv_hs	54
U of Pitt	instate	pub_hs	224
U of Pitt	outofstate	other	138
U of Pitt	outofstate	priv_hs	213
U of Pitt	outofstate	pub_hs	585
Rutgers	instate	cc	89
Rutgers	instate	other	37
Rutgers	instate	priv_hs	73
Rutgers	instate	pub_hs	486
Rutgers	outofstate	other	163
Rutgers	outofstate	priv_hs	247
Rutgers	outofstate	pub_hs	579
UMass Amherst	instate	cc	36
UMass Amherst	instate	other	17
UMass Amherst	instate	priv_hs	69
UMass Amherst	instate	pub_hs	248
UMass Amherst	outofstate	other	50
UMass Amherst	outofstate	priv_hs	242
UMass Amherst	outofstate	pub_hs	520
UC Riverside	instate	cc	399
UC Riverside	instate	other	63
UC Riverside	instate	priv_hs	61
UC Riverside	instate	pub_hs	506
UC Riverside	outofstate	other	19
UC Riverside	outofstate	priv_hs	39
UC Riverside	outofstate	pub_hs	23
SUNY Stony Brook	instate	cc	33
SUNY Stony Brook	instate	other	26
SUNY Stony Brook	instate	priv_hs	40
SUNY Stony Brook	instate	pub_hs	334
SUNY Stony Brook	outofstate	other	54
SUNY Stony Brook	outofstate	priv_hs	108
SUNY Stony Brook	outofstate	pub_hs	510
CU Boulder	instate	cc	154
CU Boulder	instate	other	38
CU Boulder	instate	priv_hs	21
CU Boulder	instate	pub_hs	255
CU Boulder	outofstate	other	115
CU Boulder	outofstate	priv_hs	381
CU Boulder	outofstate	pub_hs	627
U of S.Carolina	instate	cc	20
U of S.Carolina	instate	other	51
U of S.Carolina	instate	priv_hs	37
U of S.Carolina	instate	pub_hs	323
U of S.Carolina	outofstate	other	398
U of S.Carolina	outofstate	priv_hs	461
U of S.Carolina	outofstate	pub_hs	901
U of Kansas	instate	cc	28
U of Kansas	instate	other	62
U of Kansas	instate	priv_hs	22
U of Kansas	instate	pub_hs	306
U of Kansas	outofstate	other	177
U of Kansas	outofstate	priv_hs	218
U of Kansas	outofstate	pub_hs	660
UNL	instate	cc	20
UNL	instate	other	26
UNL	instate	priv_hs	56
UNL	instate	pub_hs	440
UNL	outofstate	other	125
UNL	outofstate	priv_hs	108
UNL	outofstate	pub_hs	688

(continued)

univ_abbrev	event_loc	event_type	count
U of Alabama	instate	cc	124
U of Alabama	instate	other	48
U of Alabama	instate	priv_hs	56
U of Alabama	instate	pub_hs	169
U of Alabama	outofstate	other	659
U of Alabama	outofstate	priv_hs	983
U of Alabama	outofstate	pub_hs	2427
U of Cincinnati	instate	cc	22
U of Cincinnati	instate	other	45
U of Cincinnati	instate	priv_hs	80
U of Cincinnati	instate	pub_hs	415
U of Cincinnati	outofstate	other	120
U of Cincinnati	outofstate	priv_hs	215
U of Cincinnati	outofstate	pub_hs	513
U of Arkansas	instate	cc	16
U of Arkansas	instate	other	26
U of Arkansas	instate	priv_hs	20
U of Arkansas	instate	pub_hs	202
U of Arkansas	outofstate	other	101
U of Arkansas	outofstate	priv_hs	208
U of Arkansas	outofstate	pub_hs	529
Northwestern	instate	other	4
Northwestern	instate	priv_hs	40
Northwestern	instate	pub_hs	140
Northwestern	outofstate	other	84
Northwestern	outofstate	priv_hs	350
Northwestern	outofstate	pub_hs	501
Notre Dame	instate	priv_hs	26
Notre Dame	instate	pub_hs	37
Notre Dame	outofstate	other	51
Notre Dame	outofstate	priv_hs	697
Notre Dame	outofstate	pub_hs	385
Emory	instate	cc	1
Emory	instate	other	4
Emory	instate	priv_hs	16
Emory	instate	pub_hs	50
Emory	outofstate	other	74
Emory	outofstate	priv_hs	272
Emory	outofstate	pub_hs	265
Tufts	instate	cc	2
Tufts	instate	other	7
Tufts	instate	priv_hs	16
Tufts	instate	pub_hs	38
Tufts	outofstate	other	58
Tufts	outofstate	priv_hs	299
Tufts	outofstate	pub_hs	425
Boston Coll.	instate	other	3
Boston Coll.	instate	priv_hs	28
Boston Coll.	instate	pub_hs	33
Boston Coll.	outofstate	other	21
Boston Coll.	outofstate	priv_hs	321
Boston Coll.	outofstate	pub_hs	183
Tulane	instate	other	23
Tulane	instate	priv_hs	39
Tulane	instate	pub_hs	49
Tulane	outofstate	other	115
Tulane	outofstate	priv_hs	419
Tulane	outofstate	pub_hs	456
Case Western Res.	instate	other	2
Case Western Res.	instate	priv_hs	16
Case Western Res.	instate	pub_hs	26
Case Western Res.	outofstate	other	19
Case Western Res.	outofstate	priv_hs	213
Case Western Res.	outofstate	pub_hs	201
Villanova	instate	cc	4
Villanova	instate	other	5

(continued)

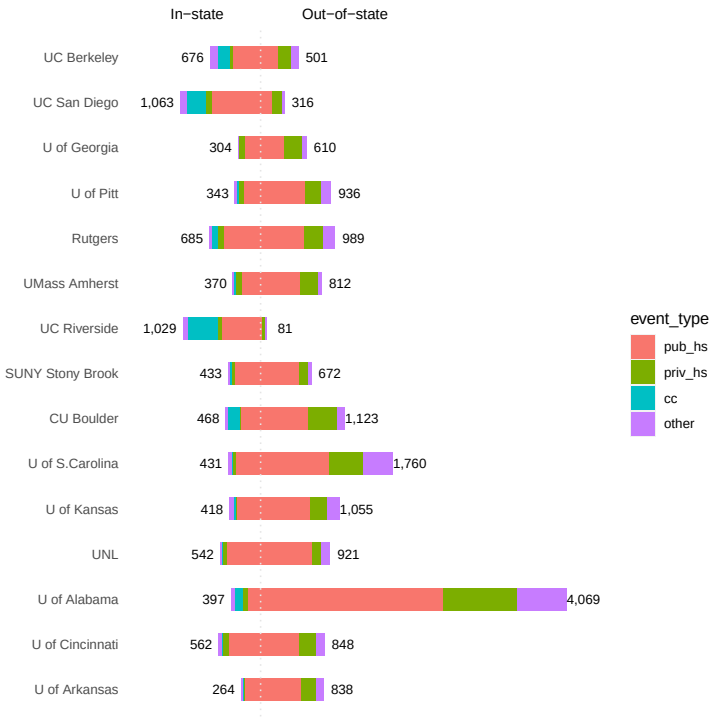
univ_abbrev	event_loc	event_type	count
Villanova	instate	priv_hs	45
Villanova	instate	pub_hs	57
Villanova	outofstate	other	96
Villanova	outofstate	priv_hs	591
Villanova	outofstate	pub_hs	398
SMU	instate	cc	12
SMU	instate	other	49
SMU	instate	priv_hs	80
SMU	instate	pub_hs	157
SMU	outofstate	other	74
SMU	outofstate	priv_hs	510
SMU	outofstate	pub_hs	288
Baylor	instate	cc	18
Baylor	instate	other	110
Baylor	instate	priv_hs	108
Baylor	instate	pub_hs	320
Baylor	outofstate	other	83
Baylor	outofstate	priv_hs	161
Baylor	outofstate	pub_hs	260
U of Denver	instate	cc	10
U of Denver	instate	other	22
U of Denver	instate	priv_hs	14
U of Denver	instate	pub_hs	165
U of Denver	outofstate	other	47
U of Denver	outofstate	priv_hs	284
U of Denver	outofstate	pub_hs	248
TCU	instate	cc	11
TCU	instate	other	57
TCU	instate	priv_hs	59
TCU	instate	pub_hs	122
TCU	outofstate	other	126
TCU	outofstate	priv_hs	445
TCU	outofstate	pub_hs	387
Stevens Ins. Tech	instate	cc	3
Stevens Ins. Tech	instate	other	12
Stevens Ins. Tech	instate	priv_hs	42
Stevens Ins. Tech	instate	pub_hs	129
Stevens Ins. Tech	outofstate	other	54
Stevens Ins. Tech	outofstate	priv_hs	139
Stevens Ins. Tech	outofstate	pub_hs	181
Marquette	instate	cc	2
Marquette	instate	other	78
Marquette	instate	priv_hs	24
Marquette	instate	pub_hs	71
Marquette	outofstate	other	513
Marquette	outofstate	priv_hs	391
Marquette	outofstate	pub_hs	353
Williams	instate	cc	3
Williams	instate	other	10
Williams	instate	priv_hs	15
Williams	instate	pub_hs	16
Williams	outofstate	other	64
Williams	outofstate	priv_hs	196
Williams	outofstate	pub_hs	289
Swarthmore	instate	cc	3
Swarthmore	instate	other	1
Swarthmore	instate	priv_hs	16
Swarthmore	instate	pub_hs	56
Swarthmore	outofstate	other	70
Swarthmore	outofstate	priv_hs	212
Swarthmore	outofstate	pub_hs	385
Middlebury	instate	other	4
Middlebury	instate	priv_hs	6
Middlebury	instate	pub_hs	13
Middlebury	outofstate	other	32
Middlebury	outofstate	priv_hs	294

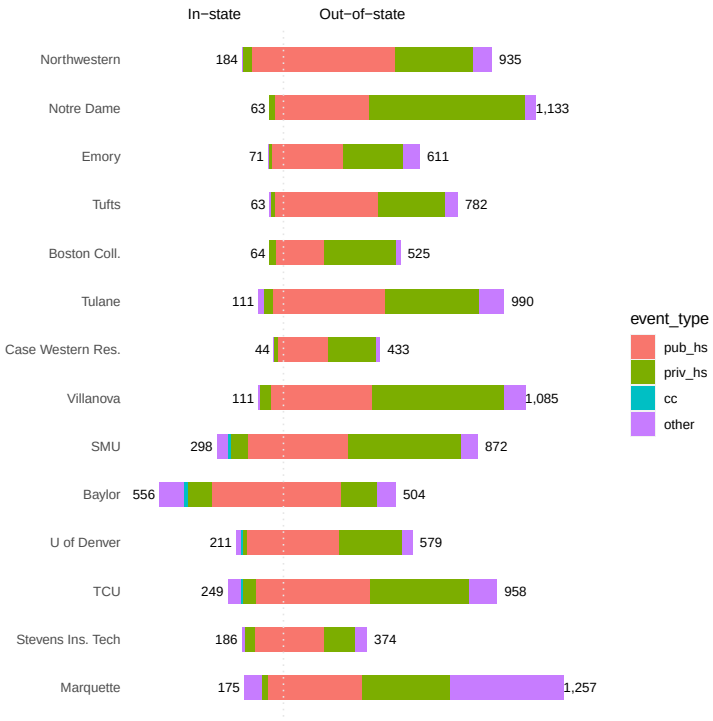
(continued)

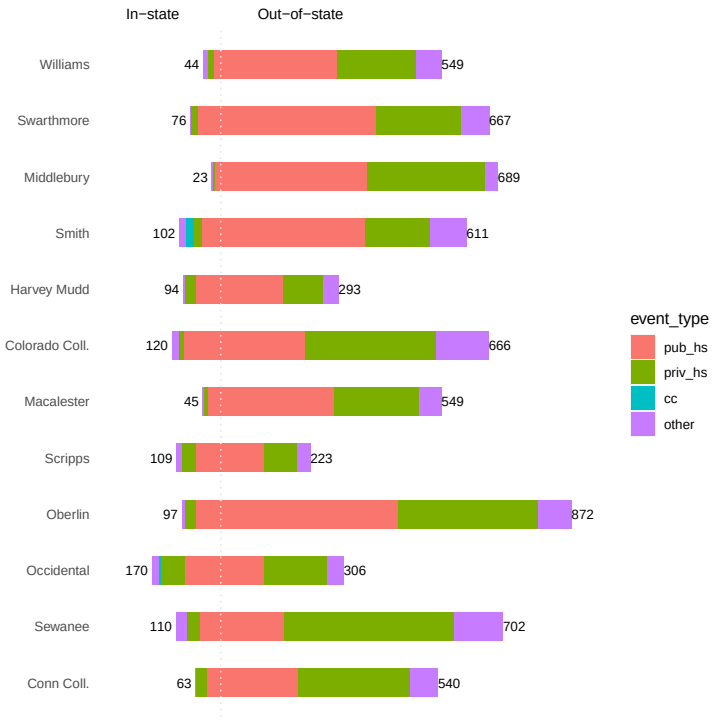
univ_abbrev	event_loc	event_type	count
Middlebury	outofstate	pub_hs	363
Smith	instate	cc	22
Smith	instate	other	15
Smith	instate	priv_hs	18
Smith	instate	pub_hs	47
Smith	outofstate	other	91
Smith	outofstate	priv_hs	163
Smith	outofstate	pub_hs	357
Harvey Mudd	instate	other	7
Harvey Mudd	instate	priv_hs	26
Harvey Mudd	instate	pub_hs	61
Harvey Mudd	outofstate	other	40
Harvey Mudd	outofstate	priv_hs	98
Harvey Mudd	outofstate	pub_hs	155
Colorado Coll.	instate	cc	1
Colorado Coll.	instate	other	17
Colorado Coll.	instate	priv_hs	12
Colorado Coll.	instate	pub_hs	90
Colorado Coll.	outofstate	other	132
Colorado Coll.	outofstate	priv_hs	324
Colorado Coll.	outofstate	pub_hs	210
Macalester	instate	cc	1
Macalester	instate	other	3
Macalester	instate	priv_hs	11
Macalester	instate	pub_hs	30
Macalester	outofstate	other	56
Macalester	outofstate	priv_hs	212
Macalester	outofstate	pub_hs	281
Scripps	instate	cc	1
Scripps	instate	other	13
Scripps	instate	priv_hs	34
Scripps	instate	pub_hs	61
Scripps	outofstate	other	33
Scripps	outofstate	priv_hs	82
Scripps	outofstate	pub_hs	108
Oberlin	instate	cc	1
Oberlin	instate	other	9
Oberlin	instate	priv_hs	25
Oberlin	instate	pub_hs	62
Oberlin	outofstate	other	84
Oberlin	outofstate	priv_hs	348
Oberlin	outofstate	pub_hs	440
Occidental	instate	cc	8
Occidental	instate	other	15
Occidental	instate	priv_hs	60
Occidental	instate	pub_hs	87
Occidental	outofstate	other	43
Occidental	outofstate	priv_hs	157
Occidental	outofstate	pub_hs	106
Sewanee	instate	cc	3
Sewanee	instate	other	25
Sewanee	instate	priv_hs	32
Sewanee	instate	pub_hs	50
Sewanee	outofstate	other	123
Sewanee	outofstate	priv_hs	422
Sewanee	outofstate	pub_hs	157
Conn Coll.	instate	other	1
Conn Coll.	instate	priv_hs	29
Conn Coll.	instate	pub_hs	33
Conn Coll.	outofstate	other	72
Conn Coll.	outofstate	priv_hs	276
Conn Coll.	outofstate	pub_hs	192

2.1 Number of events by type, in-state vs. out-of-state

- `events_count_pubu.pdf`
- `events_count_privu.pdf`
- `events_count_privc.pdf`

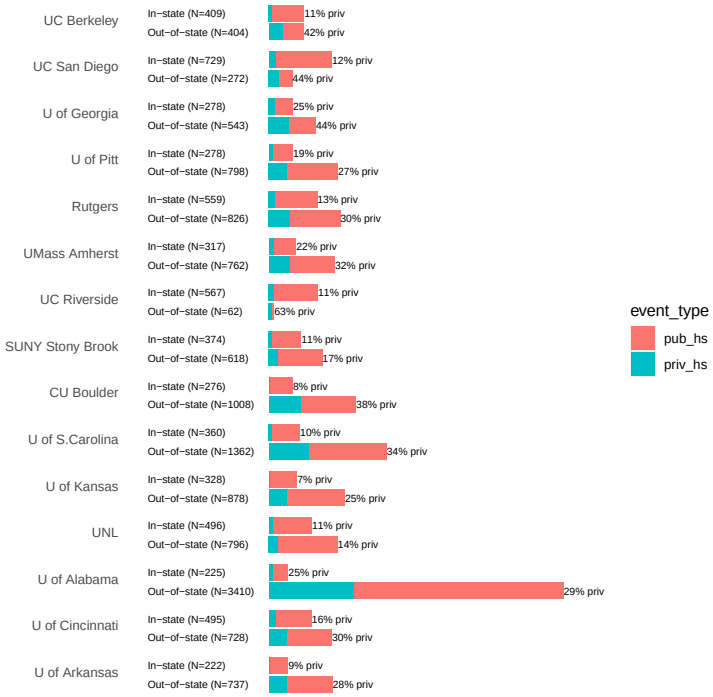


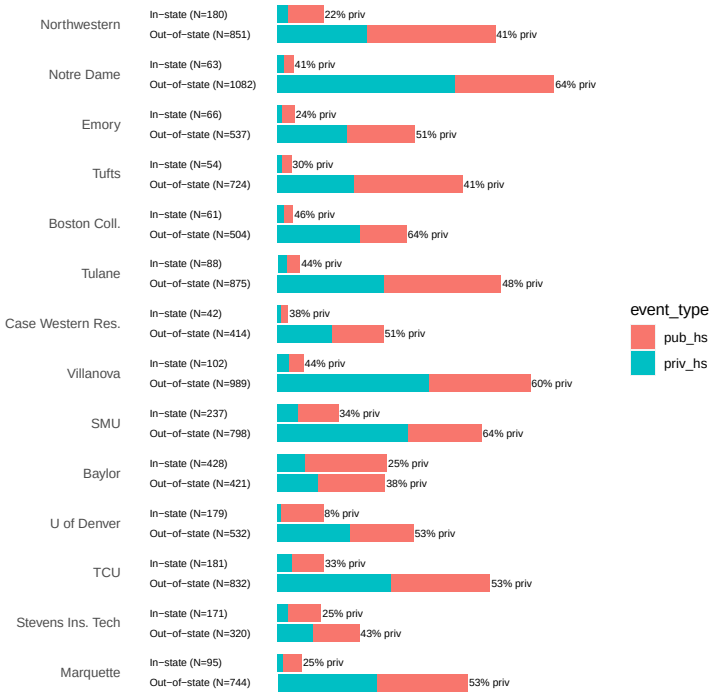

In−state
Out−of−state
Northwestern
184
935
Notre Dame
63
1,133
Emory
71
611
Tufts
63
782
Boston Coll.
64
525
Tulane
111
990
Case Western Res.
44
433
Villanova
111
1,085
SMU
298
872
Baylor
556
504
U of Denver
211
579
TCU
249
958
Stevens Ins. Tech
186
374
Marquette
175
1,257
event_type
pub_hs
priv_hs
cc
other

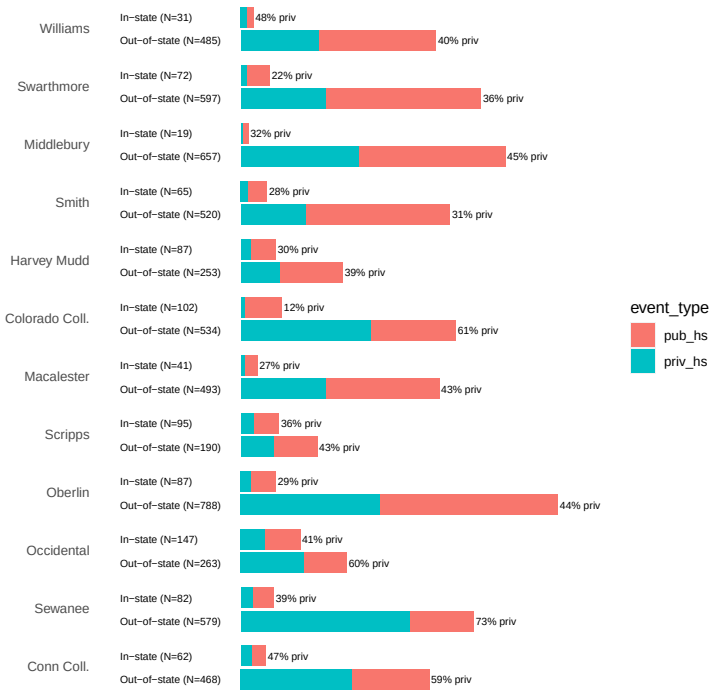

In−state
Out−of−state
Williams
44
549
Swarthmore
76
667
Middlebury
23
689
Smith
102
611
Harvey Mudd
94
293
Colorado Coll.
120
666
Macalester
45
549
Scripps
109
223
Oberlin
97
872
Occidental
170
306
Sewanee
110
702
Conn Coll.
63
540
event_type
pub_hs
priv_hs
cc
other

2.2 Number of events by public vs. private HS

- `events_hs_count_pubu.pdf`
- `events_hs_count_privu.pdf`
- `events_hs_count_privc.pdf`




Northwestern
In−state (N=180)
22% priv
Out−of−state (N=851)
41% priv
Notre Dame
In−state (N=63)
41% priv
Out−of−state (N=1082)
64% priv
Emory
In−state (N=66)
24% priv
Out−of−state (N=537)
51% priv
Tufts
In−state (N=54)
30% priv
Out−of−state (N=724)
41% priv
Boston Coll.
In−state (N=61)
46% priv
Out−of−state (N=504)
64% priv
Tulane
In−state (N=88)
44% priv
Out−of−state (N=875)
48% priv
Case Western Res.
In−state (N=42)
38% priv
Out−of−state (N=414)
51% priv
Villanova
In−state (N=102)
44% priv
Out−of−state (N=989)
60% priv
SMU
In−state (N=237)
34% priv
Out−of−state (N=798)
64% priv
Baylor
In−state (N=428)
25% priv
Out−of−state (N=421)
38% priv
U of Denver
In−state (N=179)
8% priv
Out−of−state (N=532)
53% priv
TCU
In−state (N=181)
33% priv
Out−of−state (N=832)
53% priv
Stevens Ins. Tech
In−state (N=171)
25% priv
Out−of−state (N=320)
43% priv
Marquette
In−state (N=95)
25% priv
Out−of−state (N=744)
53% priv
event_type
pub_hs
priv_hs


Williams
In−state (N=31)
48% priv
Out−of−state (N=485)
40% priv
Swarthmore
In−state (N=72)
22% priv
Out−of−state (N=597)
36% priv
Middlebury
In−state (N=19)
32% priv
Out−of−state (N=657)
45% priv
Smith
In−state (N=65)
28% priv
Out−of−state (N=520)
31% priv
Harvey Mudd
In−state (N=87)
30% priv
Out−of−state (N=253)
39% priv
Colorado Coll.
In−state (N=102)
12% priv
Out−of−state (N=534)
61% priv
Macalester
In−state (N=41)
27% priv
Out−of−state (N=493)
43% priv
Scripps
In−state (N=95)
36% priv
Out−of−state (N=190)
43% priv
Oberlin
In−state (N=87)
29% priv
Out−of−state (N=788)
44% priv
Occidental
In−state (N=147)
41% priv
Out−of−state (N=263)
60% priv
Sewanee
In−state (N=82)
39% priv
Out−of−state (N=579)
73% priv
Conn Coll.
In−state (N=62)
47% priv
Out−of−state (N=468)
59% priv
event_type
pub_hs
priv_hs

2.3 Actual vs. proportional visited HS

- Below shows actual/proportional numbers for all vs. out-of-state HS visited
- Numbers differ from above plots because above shows event counts (some HS can be visited multiple times) whereas below numbers count each HS once (no matter how many times they're visited)
- % private is generally higher for out-of-state. If we include all HS (both in and out) the % actual private is usually lowered, as seen below

```
## [1] "UC Berkeley"
## Total HS visited (unique): 741
##   % private HS (actual): 27
##   % private HS (proportional): 18.6
## Total out-of-state HS visited (unique): 389
##   % private HS (actual): 41.6
##   % private HS (proportional): 18.8
## [1] "UC San Diego"
## Total HS visited (unique): 881
##   % private HS (actual): 21.8
##   % private HS (proportional): 19.5
## Total out-of-state HS visited (unique): 263
##   % private HS (actual): 42.6
##   % private HS (proportional): 19.9
## [1] "U of Georgia"
## Total HS visited (unique): 698
##   % private HS (actual): 36.7
##   % private HS (proportional): 19
## Total out-of-state HS visited (unique): 462
##   % private HS (actual): 42.4
##   % private HS (proportional): 18.5
## [1] "U of Pitt"
## Total HS visited (unique): 869
##   % private HS (actual): 25.5
##   % private HS (proportional): 20.7
## Total out-of-state HS visited (unique): 626
##   % private HS (actual): 28
##   % private HS (proportional): 20.5
## [1] "Rutgers"
## Total HS visited (unique): 972
##   % private HS (actual): 26.2
##   % private HS (proportional): 21.2
## Total out-of-state HS visited (unique): 662
##   % private HS (actual): 30.5
##   % private HS (proportional): 20.7
## [1] "UMass Amherst"
## Total HS visited (unique): 1032
##   % private HS (actual): 28.7
##   % private HS (proportional): 20.1
## Total out-of-state HS visited (unique): 741
##   % private HS (actual): 31
##   % private HS (proportional): 19.9
## [1] "UC Riverside"
## Total HS visited (unique): 490
##   % private HS (actual): 18
##   % private HS (proportional): 24.8
```

```
## Total out-of-state HS visited (unique): 61
##   % private HS (actual): 62.3
##   % private HS (proportional): 27.5
## [1] "SUNY Stony Brook"
## Total HS visited (unique): 773
##   % private HS (actual): 15.4
##   % private HS (proportional): 23
## Total out-of-state HS visited (unique): 501
##   % private HS (actual): 16.6
##   % private HS (proportional): 23.4
## [1] "CU Boulder"
## Total HS visited (unique): 1135
##   % private HS (actual): 31.9
##   % private HS (proportional): 18.3
## Total out-of-state HS visited (unique): 939
##   % private HS (actual): 36.8
##   % private HS (proportional): 18.5
## [1] "U of S.Carolina"
## Total HS visited (unique): 1302
##   % private HS (actual): 30.4
##   % private HS (proportional): 18.6
## Total out-of-state HS visited (unique): 1119
##   % private HS (actual): 33.2
##   % private HS (proportional): 18.5
## [1] "U of Kansas"
## Total HS visited (unique): 853
##   % private HS (actual): 20.3
##   % private HS (proportional): 11.3
## Total out-of-state HS visited (unique): 624
##   % private HS (actual): 24.8
##   % private HS (proportional): 11.3
## [1] "UNL"
## Total HS visited (unique): 760
##   % private HS (actual): 13.2
##   % private HS (proportional): 10.6
## Total out-of-state HS visited (unique): 514
##   % private HS (actual): 13.4
##   % private HS (proportional): 10.5
## [1] "U of Alabama"
## Total HS visited (unique): 2671
##   % private HS (actual): 28.4
##   % private HS (proportional): 18.2
## Total out-of-state HS visited (unique): 2510
##   % private HS (actual): 28.7
##   % private HS (proportional): 18.1
## [1] "U of Cincinnati"
## Total HS visited (unique): 1019
##   % private HS (actual): 23.8
##   % private HS (proportional): 17.5
## Total out-of-state HS visited (unique): 593
##   % private HS (actual): 29.8
##   % private HS (proportional): 17.7
## [1] "U of Arkansas"
## Total HS visited (unique): 668
```

```
##   % private HS (actual): 24.4
##   % private HS (proportional): 16.9
## Total out-of-state HS visited (unique): 501
##   % private HS (actual): 29.7
##   % private HS (proportional): 17.2
## [1] "Northwestern"
## Total HS visited (unique): 1001
##   % private HS (actual): 37.7
##   % private HS (proportional): 17.8
## Total out-of-state HS visited (unique): 833
##   % private HS (actual): 41.2
##   % private HS (proportional): 17.9
## [1] "Notre Dame"
## Total HS visited (unique): 1036
##   % private HS (actual): 60.3
##   % private HS (proportional): 18.4
## Total out-of-state HS visited (unique): 977
##   % private HS (actual): 61.7
##   % private HS (proportional): 18.5
## [1] "Emory"
## Total HS visited (unique): 580
##   % private HS (actual): 47.1
##   % private HS (proportional): 22.5
## Total out-of-state HS visited (unique): 517
##   % private HS (actual): 49.7
##   % private HS (proportional): 22.2
## [1] "Tufts"
## Total HS visited (unique): 741
##   % private HS (actual): 40.6
##   % private HS (proportional): 18.6
## Total out-of-state HS visited (unique): 692
##   % private HS (actual): 41.3
##   % private HS (proportional): 18.4
## [1] "Boston Coll."
## Total HS visited (unique): 551
##   % private HS (actual): 61.5
##   % private HS (proportional): 19.1
## Total out-of-state HS visited (unique): 491
##   % private HS (actual): 63.3
##   % private HS (proportional): 18.9
## [1] "Tulane"
## Total HS visited (unique): 914
##   % private HS (actual): 47
##   % private HS (proportional): 18.2
## Total out-of-state HS visited (unique): 832
##   % private HS (actual): 47.4
##   % private HS (proportional): 18.2
## [1] "Case Western Res."
## Total HS visited (unique): 451
##   % private HS (actual): 50.6
##   % private HS (proportional): 18
## Total out-of-state HS visited (unique): 413
##   % private HS (actual): 51.3
##   % private HS (proportional): 18.2
```

```
## [1] "Villanova"
## Total HS visited (unique): 983
##   % private HS (actual): 57.3
##   % private HS (proportional): 19.3
## Total out-of-state HS visited (unique): 891
##   % private HS (actual): 58.7
##   % private HS (proportional): 19.1
## [1] "SMU"
## Total HS visited (unique): 951
##   % private HS (actual): 57.8
##   % private HS (proportional): 18.5
## Total out-of-state HS visited (unique): 751
##   % private HS (actual): 64.3
##   % private HS (proportional): 19.1
## [1] "Baylor"
## Total HS visited (unique): 747
##   % private HS (actual): 31.7
##   % private HS (proportional): 17.5
## Total out-of-state HS visited (unique): 383
##   % private HS (actual): 38.9
##   % private HS (proportional): 18.2
## [1] "U of Denver"
## Total HS visited (unique): 637
##   % private HS (actual): 43.8
##   % private HS (proportional): 18.5
## Total out-of-state HS visited (unique): 504
##   % private HS (actual): 53.4
##   % private HS (proportional): 18.7
## [1] "TCU"
## Total HS visited (unique): 888
##   % private HS (actual): 49
##   % private HS (proportional): 19.3
## Total out-of-state HS visited (unique): 733
##   % private HS (actual): 52.9
##   % private HS (proportional): 19.9
## [1] "Stevens Ins. Tech"
## Total HS visited (unique): 442
##   % private HS (actual): 36.2
##   % private HS (proportional): 21.5
## Total out-of-state HS visited (unique): 287
##   % private HS (actual): 42.5
##   % private HS (proportional): 21.1
## [1] "Marquette"
## Total HS visited (unique): 695
##   % private HS (actual): 47.6
##   % private HS (proportional): 19.6
## Total out-of-state HS visited (unique): 615
##   % private HS (actual): 50.9
##   % private HS (proportional): 19.8
## [1] "Williams"
## Total HS visited (unique): 498
##   % private HS (actual): 40.4
##   % private HS (proportional): 17.4
## Total out-of-state HS visited (unique): 468
```

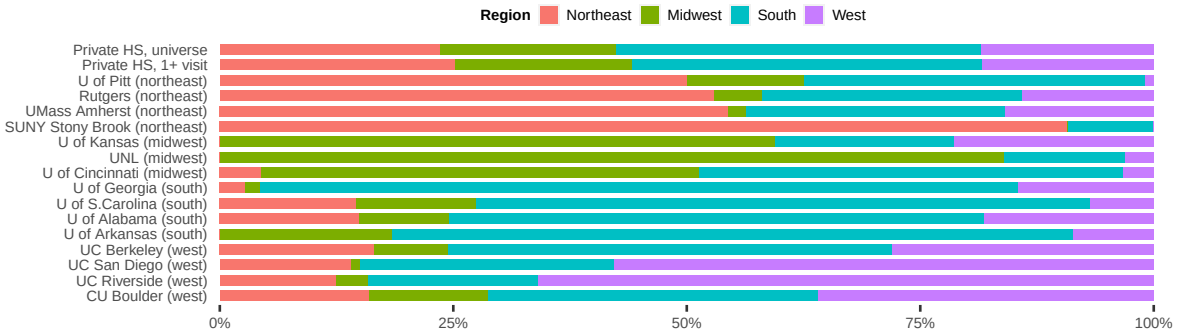
```
##   % private HS (actual): 40
##   % private HS (proportional): 17.2
## [1] "Swarthmore"
## Total HS visited (unique): 609
##   % private HS (actual): 33.5
##   % private HS (proportional): 17.7
## Total out-of-state HS visited (unique): 548
##   % private HS (actual): 34.7
##   % private HS (proportional): 17.5
## [1] "Middlebury"
## Total HS visited (unique): 640
##   % private HS (actual): 44.1
##   % private HS (proportional): 18.2
## Total out-of-state HS visited (unique): 624
##   % private HS (actual): 44.2
##   % private HS (proportional): 18.1
## [1] "Smith"
## Total HS visited (unique): 536
##   % private HS (actual): 31.9
##   % private HS (proportional): 17
## Total out-of-state HS visited (unique): 482
##   % private HS (actual): 32.2
##   % private HS (proportional): 16.7
## [1] "Harvey Mudd"
## Total HS visited (unique): 327
##   % private HS (actual): 35.8
##   % private HS (proportional): 19.4
## Total out-of-state HS visited (unique): 240
##   % private HS (actual): 37.9
##   % private HS (proportional): 19.7
## [1] "Colorado Coll."
## Total HS visited (unique): 570
##   % private HS (actual): 52.6
##   % private HS (proportional): 18.4
## Total out-of-state HS visited (unique): 487
##   % private HS (actual): 59.3
##   % private HS (proportional): 18.6
## [1] "Macalester"
## Total HS visited (unique): 492
##   % private HS (actual): 41.3
##   % private HS (proportional): 17.6
## Total out-of-state HS visited (unique): 456
##   % private HS (actual): 42.3
##   % private HS (proportional): 18
## [1] "Scripps"
## Total HS visited (unique): 282
##   % private HS (actual): 40.8
##   % private HS (proportional): 18.9
## Total out-of-state HS visited (unique): 187
##   % private HS (actual): 43.3
##   % private HS (proportional): 19.1
## [1] "Oberlin"
## Total HS visited (unique): 822
##   % private HS (actual): 41.6
```

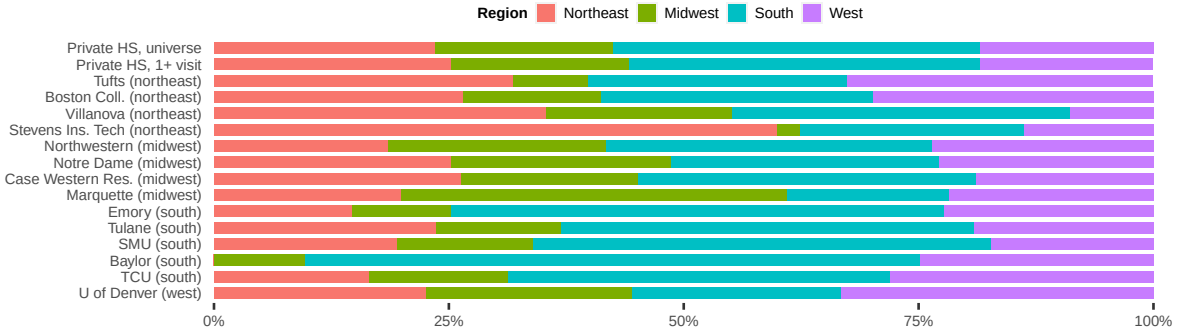
```
##   % private HS (proportional): 17.8
## Total out-of-state HS visited (unique): 737
##   % private HS (actual): 43
##   % private HS (proportional): 18
## [1] "Occidental"
## Total HS visited (unique): 401
##   % private HS (actual): 53.6
##   % private HS (proportional): 19.9
## Total out-of-state HS visited (unique): 260
##   % private HS (actual): 59.6
##   % private HS (proportional): 20.3
## [1] "Sewanee"
## Total HS visited (unique): 587
##   % private HS (actual): 68.8
##   % private HS (proportional): 23.5
## Total out-of-state HS visited (unique): 525
##   % private HS (actual): 72.6
##   % private HS (proportional): 23.6
## [1] "Conn Coll."
## Total HS visited (unique): 520
##   % private HS (actual): 57.3
##   % private HS (proportional): 21.4
## Total out-of-state HS visited (unique): 464
##   % private HS (actual): 58.8
##   % private HS (proportional): 21.4
```

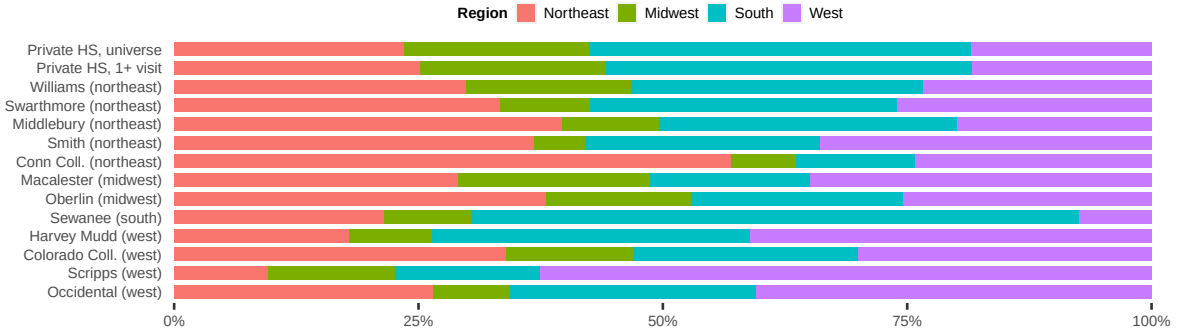
3 RQ2

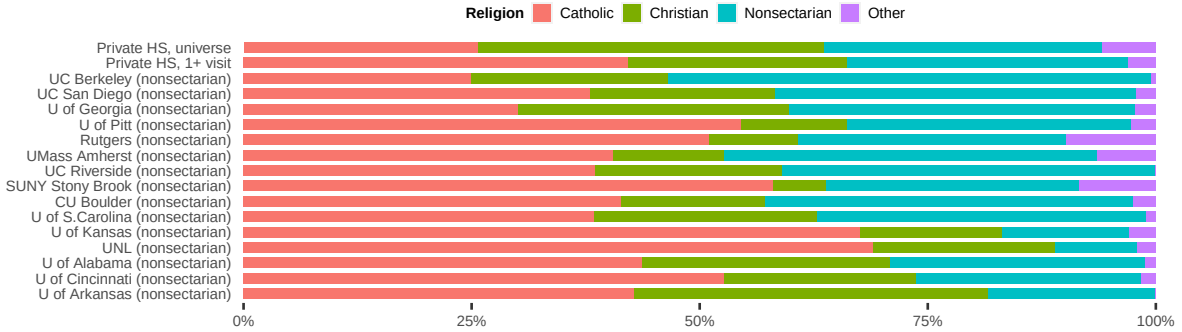
3.1 Characteristics of visited private HS

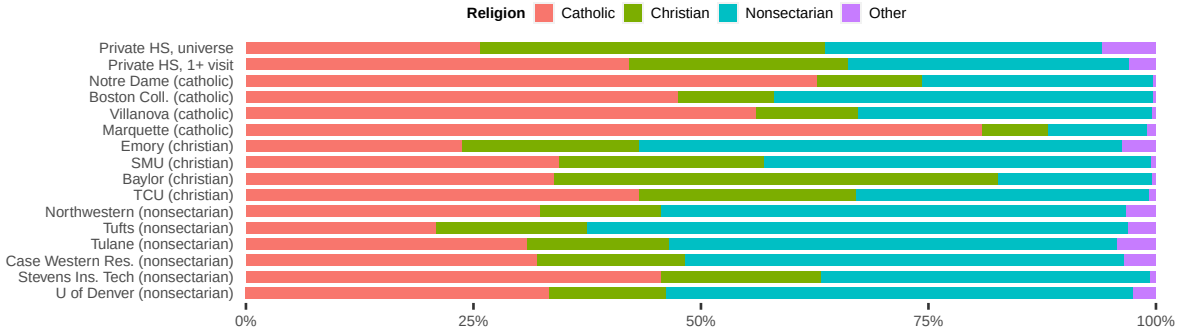
- `ego_network_region_pubu_privu_privc.pdf`
- `ego_network_religion_pubu_privu_privc.pdf`
- `ego_network_race_pubu_privu_privc.pdf`
- `ego_network_rank_pubu_privu_privc.pdf`
- `ego_network_enroll_pubu_privu_privc.pdf`

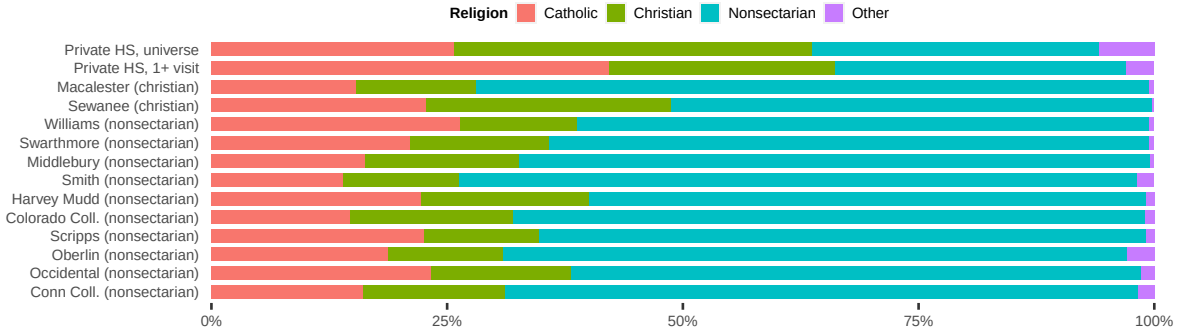


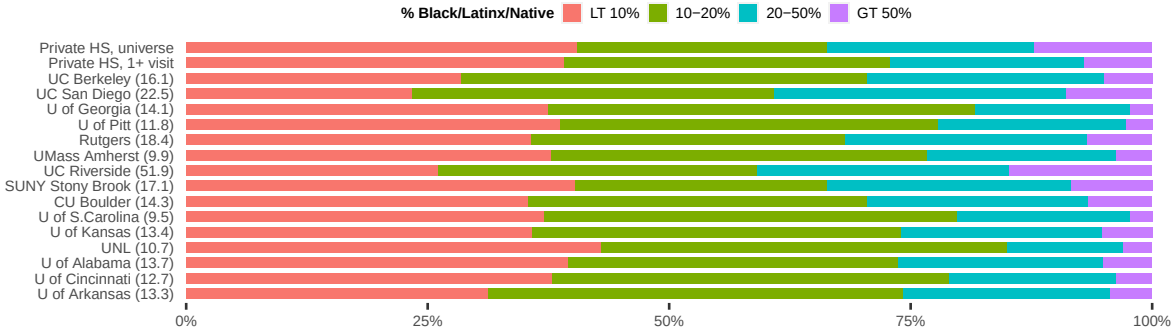


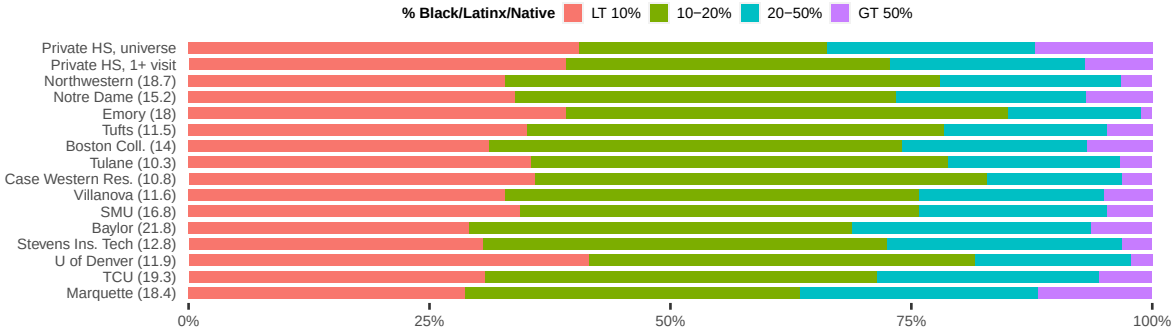


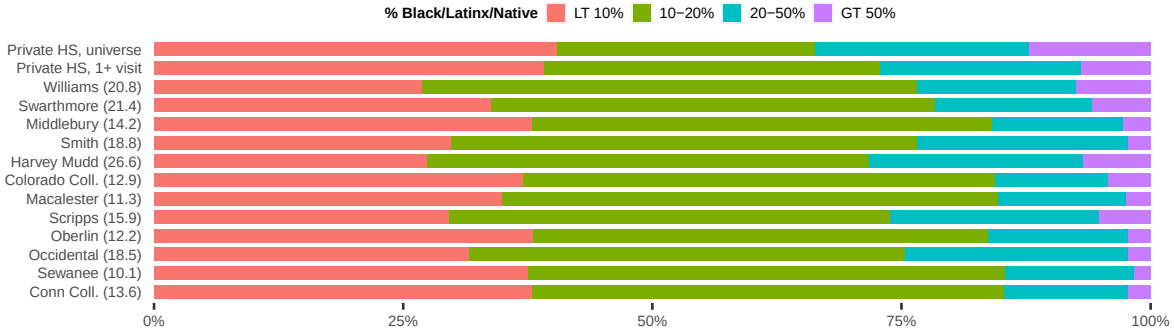

Religion
Catholic
Christian
Nonsectarian
Other
Private HS, universe
Private HS, 1+ visit
UC Berkeley (nonsectarian)
UC San Diego (nonsectarian)
U of Georgia (nonsectarian)
U of Pitt (nonsectarian)
Rutgers (nonsectarian)
UMass Amherst (nonsectarian)
UC Riverside (nonsectarian)
SUNY Stony Brook (nonsectarian)
CU Boulder (nonsectarian)
U of S.Carolina (nonsectarian)
U of Kansas (nonsectarian)
UNL (nonsectarian)
U of Alabama (nonsectarian)
U of Cincinnati (nonsectarian)
U of Arkansas (nonsectarian)
0%
25%
50%
75%
100%

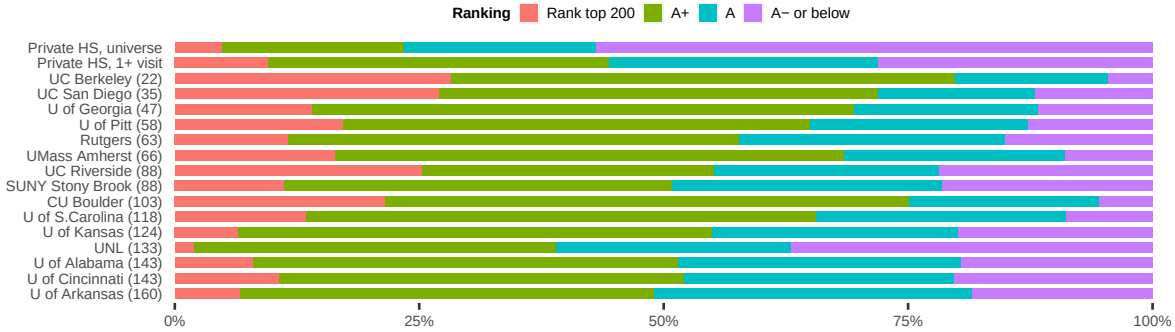

Religion
Catholic
Christian
Nonsectarian
Other
Private HS, universe
Private HS, 1+ visit
Notre Dame (catholic)
Boston Coll. (catholic)
Villanova (catholic)
Marquette (catholic)
Emory (christian)
SMU (christian)
Baylor (christian)
TCU (christian)
Northwestern (nonsectarian)
Tufts (nonsectarian)
Tulane (nonsectarian)
Case Western Res. (nonsectarian)
Stevens Ins. Tech (nonsectarian)
U of Denver (nonsectarian)
0%
25%
50%
75%
100%

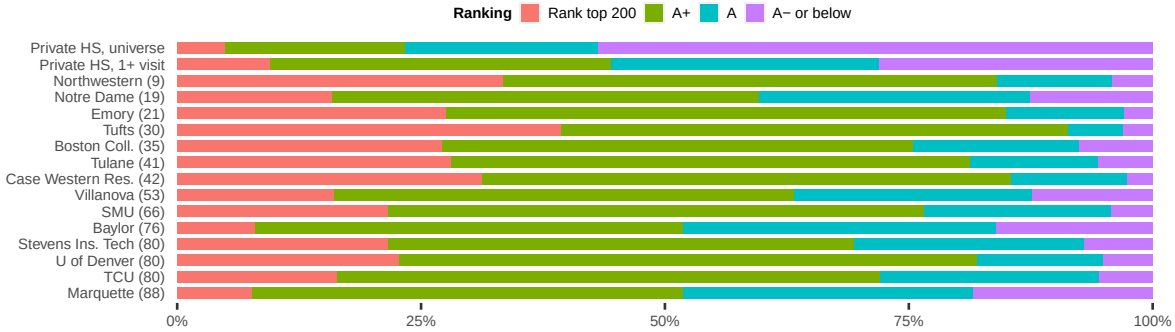

Religion
Catholic
Christian
Nonsectarian
Other
Private HS, universe
Private HS, 1+ visit
Macalester (christian)
Sewanee (christian)
Williams (nonsectarian)
Swarthmore (nonsectarian)
Middlebury (nonsectarian)
Smith (nonsectarian)
Harvey Mudd (nonsectarian)
Colorado Coll. (nonsectarian)
Scripps (nonsectarian)
Oberlin (nonsectarian)
Occidental (nonsectarian)
Conn Coll. (nonsectarian)
0%
25%
50%
75%
100%

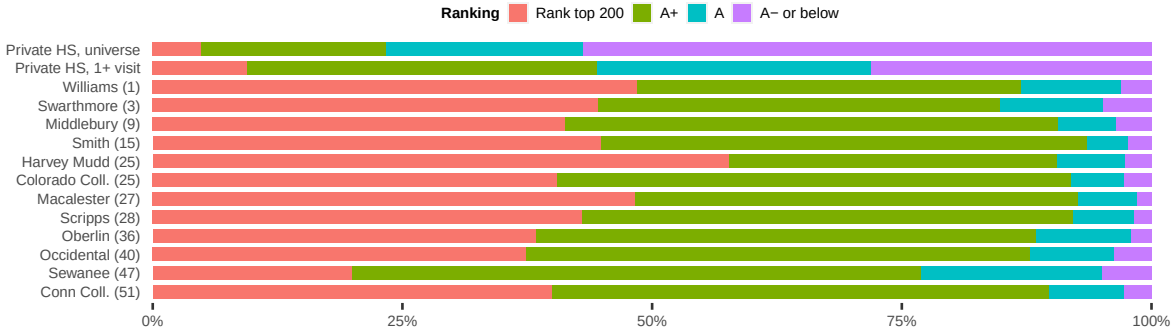

% Black/Latinx/Native
LT 10%
10−20%
20−50%
GT 50%
Private HS, universe
Private HS, 1+ visit
UC Berkeley (16.1)
UC San Diego (22.5)
U of Georgia (14.1)
U of Pitt (11.8)
Rutgers (18.4)
UMass Amherst (9.9)
UC Riverside (51.9)
SUNY Stony Brook (17.1)
CU Boulder (14.3)
U of S.Carolina (9.5)
U of Kansas (13.4)
UNL (10.7)
U of Alabama (13.7)
U of Cincinnati (12.7)
U of Arkansas (13.3)
0%
25%
50%
75%
100%

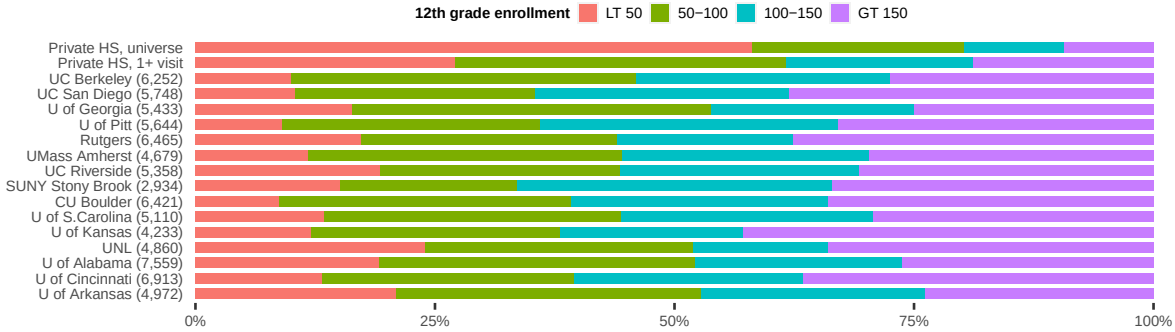

% Black/Latinx/Native
LT 10%
10−20%
20−50%
GT 50%
Private HS, universe
Private HS, 1+ visit
Northwestern (18.7)
Notre Dame (15.2)
Emory (18)
Tufts (11.5)
Boston Coll. (14)
Tulane (10.3)
Case Western Res. (10.8)
Villanova (11.6)
SMU (16.8)
Baylor (21.8)
Stevens Ins. Tech (12.8)
U of Denver (11.9)
TCU (19.3)
Marquette (18.4)
0%
25%
50%
75%
100%

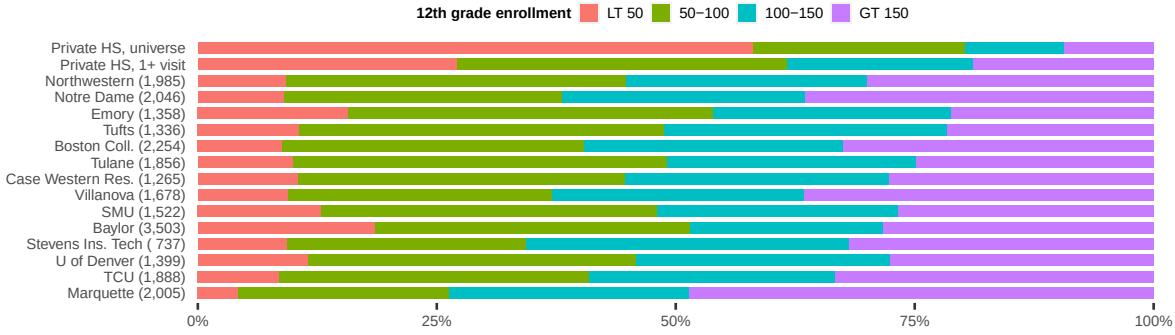

% Black/Latinx/Native
LT 10%
10−20%
20−50%
GT 50%
Private HS, universe
Private HS, 1+ visit
Williams (20.8)
Swarthmore (21.4)
Middlebury (14.2)
Smith (18.8)
Harvey Mudd (26.6)
Colorado Coll. (12.9)
Macalester (11.3)
Scripps (15.9)
Oberlin (12.2)
Occidental (18.5)
Sewanee (10.1)
Conn Coll. (13.6)
0%
25%
50%
75%
100%

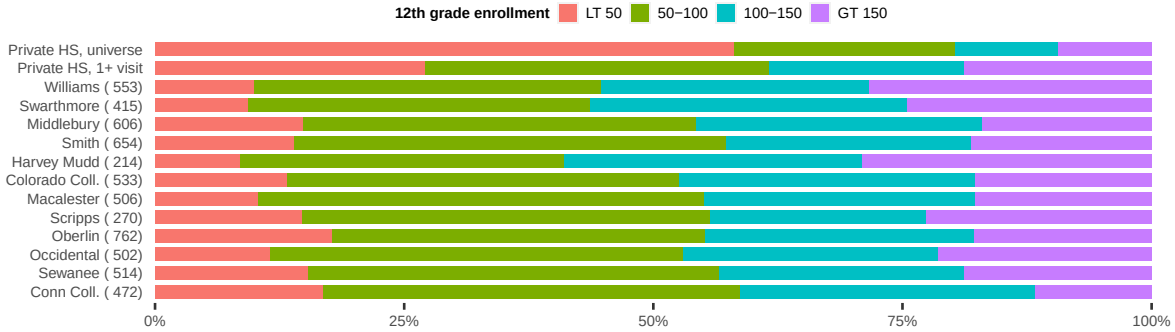

Ranking
Rank top 200
A+
A
A− or below
Private HS, universe
Private HS, 1+ visit
UC Berkeley (22)
UC San Diego (35)
U of Georgia (47)
U of Pitt (58)
Rutgers (63)
UMass Amherst (66)
UC Riverside (88)
SUNY Stony Brook (88)
CU Boulder (103)
U of S.Carolina (118)
U of Kansas (124)
UNL (133)
U of Alabama (143)
U of Cincinnati (143)
U of Arkansas (160)
0%
25%
50%
75%
100%


Ranking
Rank top 200
A+
A
A− or below
Private HS, universe
Private HS, 1+ visit
Northwestern (9)
Notre Dame (19)
Emory (21)
Tufts (30)
Boston Coll. (35)
Tulane (41)
Case Western Res. (42)
Villanova (53)
SMU (66)
Baylor (76)
Stevens Ins. Tech (80)
U of Denver (80)
TCU (80)
Marquette (88)
0%
25%
50%
75%
100%


Ranking
Rank top 200
A+
A
A− or below
Private HS, universe
Private HS, 1+ visit
Williams (1)
Swarthmore (3)
Middlebury (9)
Smith (15)
Harvey Mudd (25)
Colorado Coll. (25)
Macalester (27)
Scripps (28)
Oberlin (36)
Occidental (40)
Sewanee (47)
Conn Coll. (51)
0%
25%
50%
75%
100%

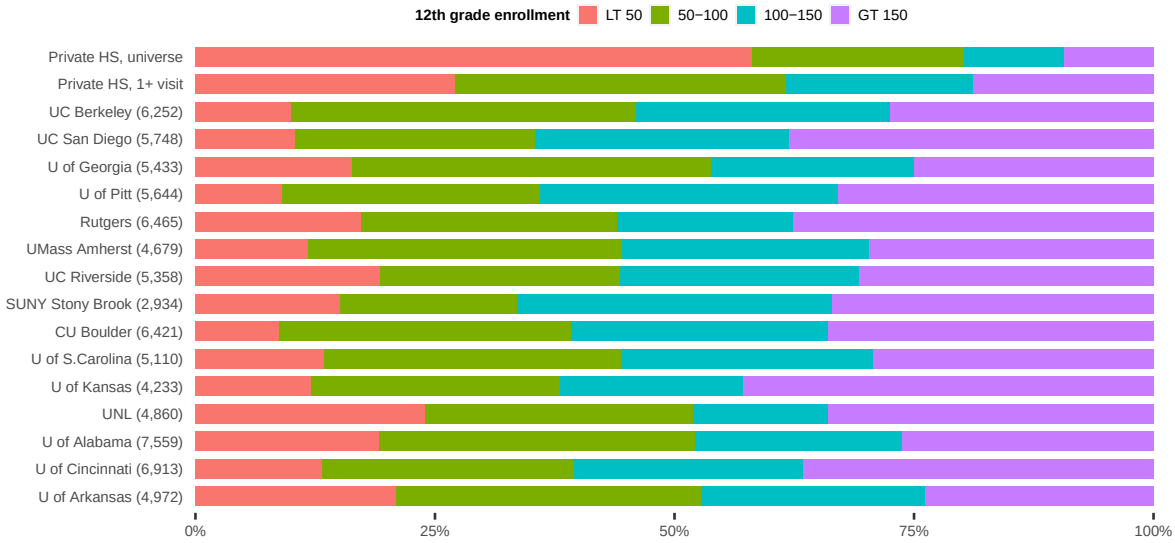

12th grade enrollment
LT 50
50−100
100−150
GT 150
Private HS, universe
Private HS, 1+ visit
UC Berkeley (6,252)
UC San Diego (5,748)
U of Georgia (5,433)
U of Pitt (5,644)
Rutgers (6,465)
UMass Amherst (4,679)
UC Riverside (5,358)
SUNY Stony Brook (2,934)
CU Boulder (6,421)
U of S.Carolina (5,110)
U of Kansas (4,233)
UNL (4,860)
U of Alabama (7,559)
U of Cincinnati (6,913)
U of Arkansas (4,972)
0%
25%
50%
75%
100%

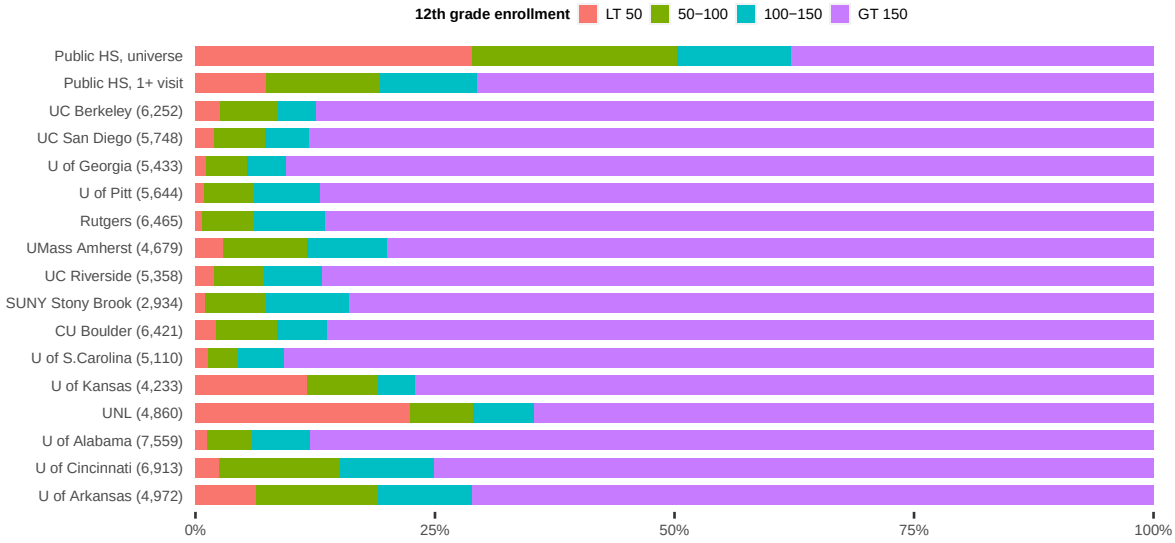

12th grade enrollment
LT 50
50−100
100−150
GT 150
Private HS, universe
Private HS, 1+ visit
Northwestern (1,985)
Notre Dame (2,046)
Emory (1,358)
Tufts (1,336)
Boston Coll. (2,254)
Tulane (1,856)
Case Western Res. (1,265)
Villanova (1,678)
SMU (1,522)
Baylor (3,503)
Stevens Ins. Tech (737)
U of Denver (1,399)
TCU (1,888)
Marquette (2,005)
0%
25%
50%
75%
100%

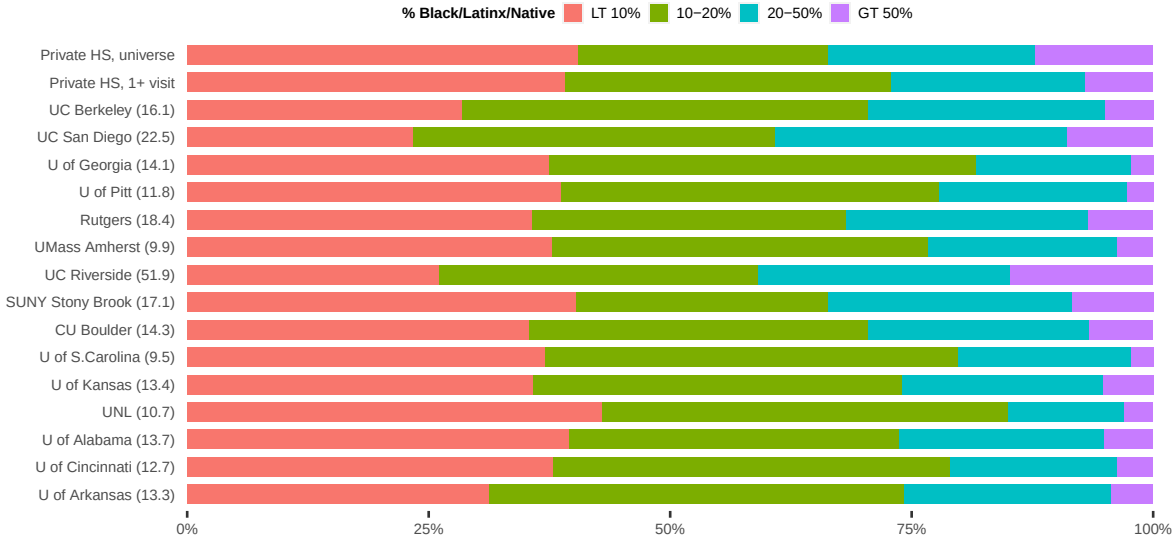

12th grade enrollment
LT 50
50−100
100−150
GT 150
Private HS, universe
Private HS, 1+ visit
Williams (553)
Swarthmore (415)
Middlebury (606)
Smith (654)
Harvey Mudd (214)
Colorado Coll. (533)
Macalester (506)
Scripps (270)
Oberlin (762)
Occidental (502)
Sewanee (514)
Conn Coll. (472)
0%
25%
50%
75%
100%

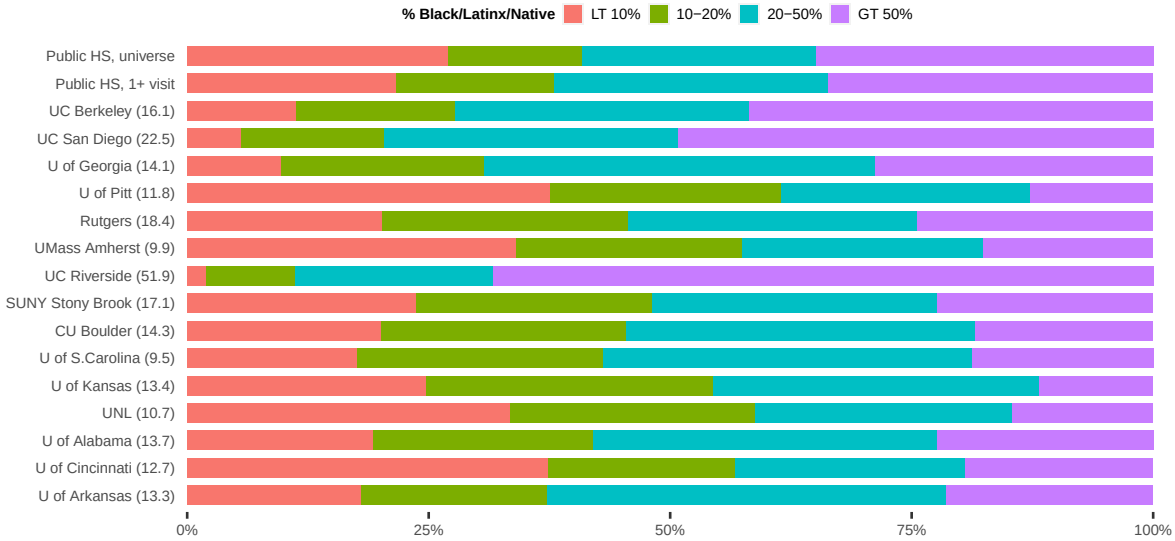
3.2 Characteristics of visited private HS vs. public HS

- `ego_network_enroll_pubu_privhs_pubhs.pdf`
- `ego_network_race_pubu_privhs_pubhs.pdf`





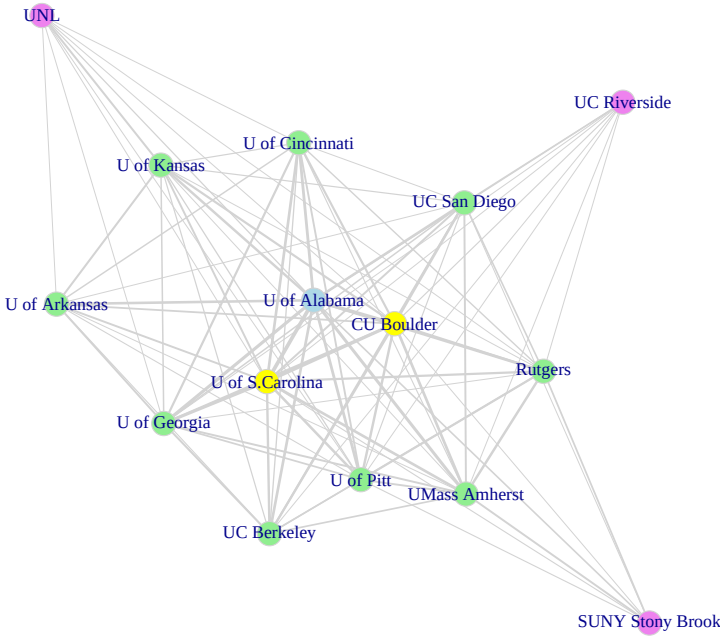

% Black/Latinx/Native
LT 10%
10−20%
20−50%
GT 50%
Private HS, universe
Private HS, 1+ visit
UC Berkeley (16.1)
UC San Diego (22.5)
U of Georgia (14.1)
U of Pitt (11.8)
Rutgers (18.4)
UMass Amherst (9.9)
UC Riverside (51.9)
SUNY Stony Brook (17.1)
CU Boulder (14.3)
U of S.Carolina (9.5)
U of Kansas (13.4)
UNL (10.7)
U of Alabama (13.7)
U of Cincinnati (12.7)
U of Arkansas (13.3)
0%
25%
50%
75%
100%

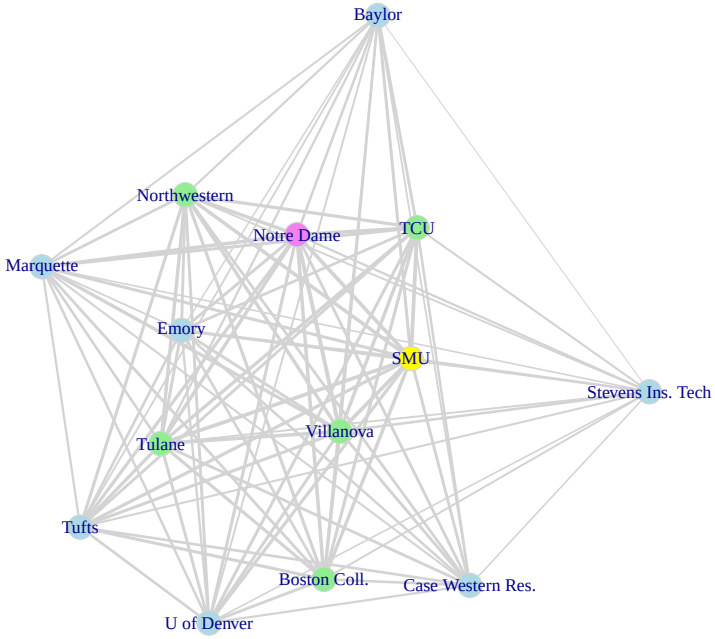

% Black/Latinx/Native
LT 10%
10−20%
20−50%
GT 50%
Public HS, universe
Public HS, 1+ visit
UC Berkeley (16.1)
UC San Diego (22.5)
U of Georgia (14.1)
U of Pitt (11.8)
Rutgers (18.4)
UMass Amherst (9.9)
UC Riverside (51.9)
SUNY Stony Brook (17.1)
CU Boulder (14.3)
U of S.Carolina (9.5)
U of Kansas (13.4)
UNL (10.7)
U of Alabama (13.7)
U of Cincinnati (12.7)
U of Arkansas (13.3)
0%
25%
50%
75%
100%

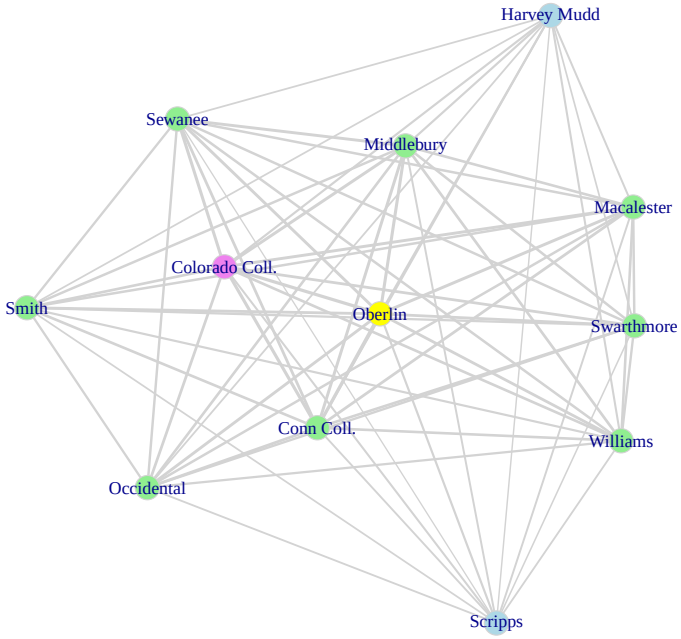
4 RQ3

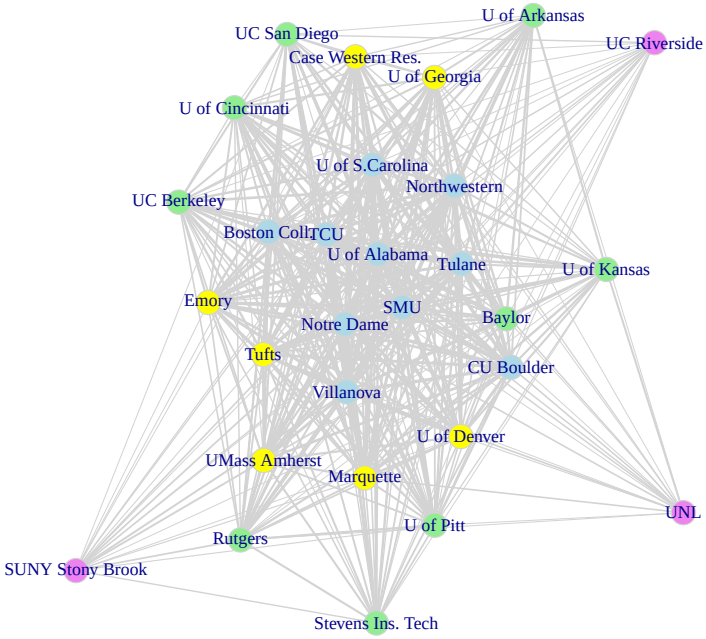
4.1 1-mode plots

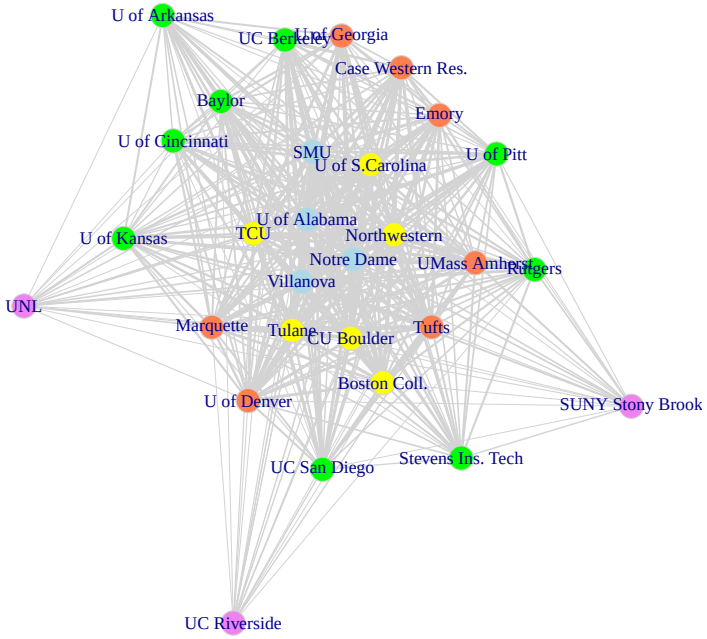
- `plot_1mode_pubu.pdf`
- `plot_1mode_privu.pdf`
- `plot_1mode_privc.pdf`
- `plot_1mode_u.pdf`, `plot_1mode_u_k5.pdf`
- `plot_1mode_all.pdf`, `plot_1mode_all_k5.pdf`, `plot_1mode_all_k6.pdf`

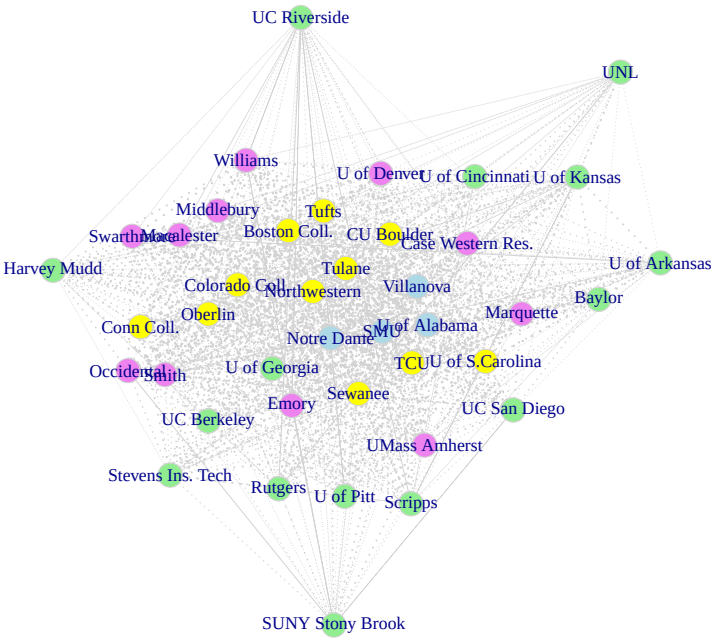


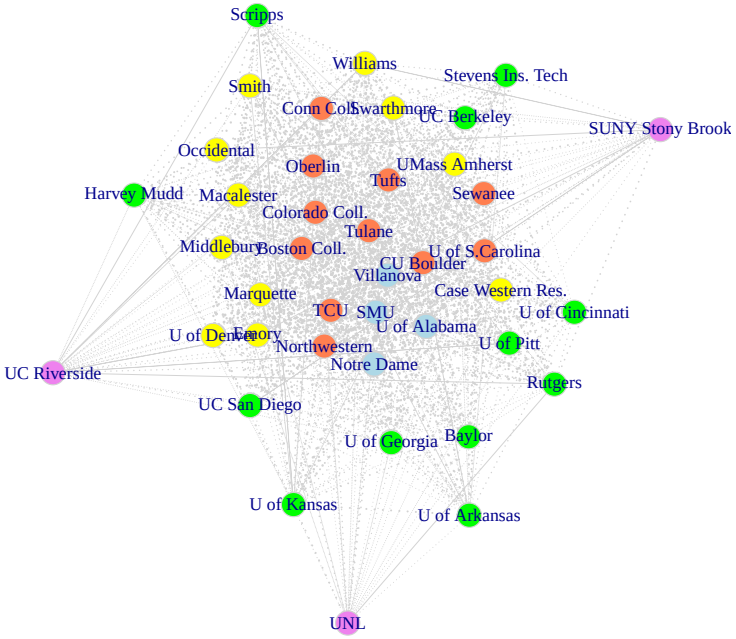

Baylor
Northwestern
Notre Dame
TCU
Marquette
Emory
SMU
Stevens Ins. Tech
Villanova
Tulane
Tufts
Boston Coll.
Case Western Res.
U of Denver

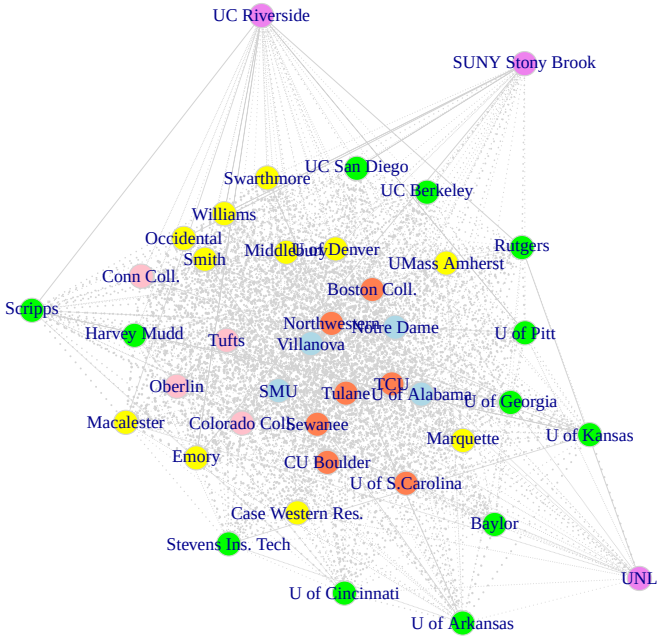

Harvey Mudd
Sewanee
Middlebury
Macalester
Colorado Coll.
Smith
Oberlin
Swarthmore
Conn Coll.
Williams
Occidental
Scripps


U of Arkansas
UC San Diego
UC Riverside
Case Western Res.
U of Georgia
U of Cincinnati
U of S.Carolina
Northwestern
UC Berkeley
Boston Coll.
TCU
U of Alabama
Tulane
U of Kansas
Emory
SMU
Baylor
Notre Dame
Tufts
CU Boulder
Villanova
U of Denver
UMass Amherst
Marquette
UNL
U of Pitt
Rutgers
SUNY Stony Brook
Stevens Ins. Tech


U of Arkansas
UC Berkeley
U of Georgia
Case Western Res.
Baylor
Emory
U of Cincinnati
SMU
U of Pitt
U of S.Carolina
U of Alabama
U of Kansas
TCU
Northwestern
Notre Dame
UMass Amherst
Rutgers
Villanova
UNL
Marquette
Tulane
CU Boulder
Tufts
Boston Coll.
U of Denver
SUNY Stony Brook
Stevens Ins. Tech
UC San Diego
UC Riverside


UC Riverside
UNL
Williams
U of Denver
U of Cincinnati
U of Kansas
Middlebury
Tufts
Swarthmore
Macalester
Boston Coll.
CU Boulder
Case Western Res.
U of Arkansas
Harvey Mudd
Tulane
Colorado Coll.
Northwestern
Villanova
Baylor
Oberlin
Marquette
Conn Coll.
U of Alabama
SMU
Notre Dame
TCU
U of S.Carolina
Occidental
Smith
U of Georgia
Sewanee
Emory
UC San Diego
UC Berkeley
UMass Amherst
Stevens Ins. Tech
Rutgers
U of Pitt
Scripps
SUNY Stony Brook


Scripps
Williams
Stevens Ins. Tech
Smith
Conn Coll
Swarthmore
UC Berkeley
SUNY Stony Brook
Occidental
Oberlin
UMass Amherst
Tufts
Harvey Mudd
Macalester
Sewanee
Colorado Coll.
Tulane
Middlebury
Boston Coll.
U of S.Carolina
CU Boulder
Villanova
Marquette
Case Western Res.
TCU
SMU
U of Cincinnati
U of Alabama
U of Denver
Emory
Northwestern
U of Pitt
Notre Dame
UC Riverside
Rutgers
UC San Diego
U of Georgia
Baylor
U of Kansas
U of Arkansas
UNL


UC Riverside
SUNY Stony Brook
UC San Diego
Swarthmore
UC Berkeley
Williams
Occidental
Middlebury
U of Denver
Rutgers
Smith
UMass Amherst
Conn Coll.
Boston Coll.
Scripps
Northwestern
Harvey Mudd
Notre Dame
U of Pitt
Tufts
Villanova
Oberlin
SMU
TCU
Tulane
U of Alabama
U of Georgia
Macalester
Colorado Col.
Sewanee
Marquette
U of Kansas
Emory
CU Boulder
U of S.Carolina
Case Western Res.
Baylor
Stevens Ins. Tech
UNL
U of Cincinnati
U of Arkansas

4.2 1-mode tables

- `table_1mode_pubu.RDS`
- `table_1mode_privu.RDS`
- `table_1mode_privc.RDS`

Notes:

- Each .RDS stores a list containing a counts matrix (`onemode_df`) and percent matrix (`onemode_pct_df`)
- The numbers in matrix and the N=X count on top are for unique HS (not re-counting multiple visits to same HS)
- Some observations for the public university matrix and its corresponding 1-mode plot above
  - U of Alabama has a lot more visits to private HS than the rest and is in its own cluster as seen from plot
  - U of S.Carolina and CU Boulder are in a cluster together, and if we look at each of their columns in the pct matrix, they do have the most in common w/ each other (besides Alabama)
  - UNL, UC Riverside, and Stony Brook actually have very little commonly visited HS, but ended up being in the same cluster as seen from the plot. They do have the fewest number of private HS visits, so less likely to have visits in common w/ other univs. As seen from the plot, their vertices are located very far apart from each other and have no direct edges connecting them.

Table 2: Public universities count matrix

	U of Alabama (N=759)	U of S.Carolina (N=396)	CU Boulder (N=362)	UMass Amherst (N=296)	U of Georgia (N=256)	Rutgers (N=255)	U of Cincinnati (N=243)	U of Pitt (N=222)	UC Berkeley (N=200)	UC San Diego (N=192)	U of Kansas (N=173)	U of Arkansas (N=163)	SUNY Stony Brook (N=119)	UNL (N=100)	UC Riverside (N=88)
U of Alabama	759	284	210	149	169	120	124	125	112	100	93	100	43	31	34
U of S.Carolina	284	396	155	108	140	74	110	99	84	59	58	57	27	20	19
CU Boulder	210	155	362	115	88	76	69	92	77	98	74	51	21	25	28
UMass Amherst	149	108	115	296	57	93	27	56	45	57	18	14	57	4	18
U of Georgia	169	140	88	57	256	24	73	48	64	38	39	59	7	13	16
Rutgers	120	74	76	93	24	255	35	74	41	43	20	5	48	10	10
U of Cincinnati	124	110	69	27	73	35	243	56	33	24	29	37	5	18	8
U of Pitt	125	99	92	56	48	74	56	222	41	28	32	26	27	15	11
UC Berkeley	112	84	77	45	64	41	33	41	200	61	30	26	9	8	20
UC San Diego	100	59	98	57	38	43	24	28	61	192	29	22	11	3	35
U of Kansas	93	58	74	18	39	20	29	32	30	29	173	62	0	61	8
U of Arkansas	100	57	51	14	59	5	37	26	26	22	62	163	1	24	9
SUNY Stony Brook	43	27	21	57	7	48	5	27	9	11	0	1	119	0	4
UNL	31	20	25	4	13	10	18	15	8	3	61	24	0	100	0
UC Riverside	34	19	28	18	16	10	8	11	20	35	8	9	4	0	88

Table 3: Public universities percent matrix

	U of Alabama (N=759)	U of S.Carolina (N=396)	CU Boulder (N=362)	UMass Amherst (N=296)	U of Georgia (N=256)	Rutgers (N=255)	U of Cincinnati (N=243)	U of Pitt (N=222)	UC Berkeley (N=200)	UC San Diego (N=192)	U of Kansas (N=173)	U of Arkansas (N=163)	SUNY Stony Brook (N=119)	UNL (N=100)	UC Riverside (N=88)
U of Alabama	100.0	71.7	58.0	50.3	66.0	47.1	51.0	56.3	56.0	52.1	53.8	61.3	36.1	31	38.6
U of S.Carolina	37.4	100.0	42.8	36.5	54.7	29.0	45.3	44.6	42.0	30.7	33.5	35.0	22.7	20	21.6
CU Boulder	27.7	39.1	100.0	38.9	34.4	29.8	28.4	41.4	38.5	51.0	42.8	31.3	17.6	25	31.8
UMass Amherst	19.6	27.3	31.8	100.0	22.3	36.5	11.1	25.2	22.5	29.7	10.4	8.6	47.9	4	20.5
U of Georgia	22.3	35.4	24.3	19.3	100.0	9.4	30.0	21.6	32.0	19.8	22.5	36.2	5.9	13	18.2
Rutgers	15.8	18.7	21.0	31.4	9.4	100.0	14.4	33.3	20.5	22.4	11.6	3.1	40.3	10	11.4
U of Cincinnati	16.3	27.8	19.1	9.1	28.5	13.7	100.0	25.2	16.5	12.5	16.8	22.7	4.2	18	9.1
U of Pitt	16.5	25.0	25.4	18.9	18.8	29.0	23.0	100.0	20.5	14.6	18.5	16.0	22.7	15	12.5
UC Berkeley	14.8	21.2	21.3	15.2	25.0	16.1	13.6	18.5	100.0	31.8	17.3	16.0	7.6	8	22.7
UC San Diego	13.2	14.9	27.1	19.3	14.8	16.9	9.9	12.6	30.5	100.0	16.8	13.5	9.2	3	39.8
U of Kansas	12.3	14.6	20.4	6.1	15.2	7.8	11.9	14.4	15.0	15.1	100.0	38.0	0.0	61	9.1
U of Arkansas	13.2	14.4	14.1	4.7	23.0	2.0	15.2	11.7	13.0	11.5	35.8	100.0	0.8	24	10.2
SUNY Stony Brook	5.7	6.8	5.8	19.3	2.7	18.8	2.1	12.2	4.5	5.7	0.0	0.6	100.0	0	4.5
UNL	4.1	5.1	6.9	1.4	5.1	3.9	7.4	6.8	4.0	1.6	35.3	14.7	0.0	100	0.0
UC Riverside	4.5	4.8	7.7	6.1	6.2	3.9	3.3	5.0	10.0	18.2	4.6	5.5	3.4	0	100.0

Table 4: Private universities count matrix

	Notre Dame (N=625)	Villanova (N=563)	SMU (N=550)	TCU (N=435)	Tulane (N=430)	Northwestern (N=377)	Boston Coll. (N=339)	Marquette (N=331)	Tufts (N=301)	U of Denver (N=279)	Emory (N=273)	Baylor (N=237)	Case Western Res. (N=228)	Stevens Ins. Tech (N=160)
Notre Dame	625	338	293	253	223	224	235	231	177	164	145	99	133	79
Villanova	338	563	291	224	218	214	208	205	161	143	147	101	142	103
SMU	293	291	550	290	275	243	218	151	189	177	176	154	134	88
TCU	253	224	290	435	199	177	168	150	141	151	122	133	98	66
Tulane	223	218	275	199	430	219	173	103	190	142	143	79	131	56
Northwestern	224	214	243	177	219	377	172	114	169	139	128	75	122	55
Boston Coll.	235	208	218	168	173	172	339	133	158	135	113	64	100	60
Marquette	231	205	151	150	103	114	133	331	77	97	52	62	66	43
Tufts	177	161	189	141	190	169	158	77	301	114	117	52	108	66
U of Denver	164	143	177	151	142	139	135	97	114	279	82	57	72	44
Emory	145	147	176	122	143	128	113	52	117	82	273	39	98	42
Baylor	99	101	154	133	79	75	64	62	52	57	39	237	50	23
Case Western Res.	133	142	134	98	131	122	100	66	108	72	98	50	228	41
Stevens Ins. Tech	79	103	88	66	56	55	60	43	66	44	42	23	41	160

Table 5: Private universities percent matrix

	Notre Dame (N=625)	Villanova (N=563)	SMU (N=550)	TCU (N=435)	Tulane (N=430)	Northwestern (N=377)	Boston Coll. (N=339)	Marquette (N=331)	Tufts (N=301)	U of Denver (N=279)	Emory (N=273)	Baylor (N=237)	Case Western Res. (N=228)	Stevens Ins. Tech (N=160)
Notre Dame	100.0	60.0	53.3	58.2	51.9	59.4	69.3	69.8	58.8	58.8	53.1	41.8	58.3	49.4
Villanova	54.1	100.0	52.9	51.5	50.7	56.8	61.4	61.9	53.5	51.3	53.8	42.6	62.3	64.4
SMU	46.9	51.7	100.0	66.7	64.0	64.5	64.3	45.6	62.8	63.4	64.5	65.0	58.8	55.0
TCU	40.5	39.8	52.7	100.0	46.3	46.9	49.6	45.3	46.8	54.1	44.7	56.1	43.0	41.2
Tulane	35.7	38.7	50.0	45.7	100.0	58.1	51.0	31.1	63.1	50.9	52.4	33.3	57.5	35.0
Northwestern	35.8	38.0	44.2	40.7	50.9	100.0	50.7	34.4	56.1	49.8	46.9	31.6	53.5	34.4
Boston Coll.	37.6	36.9	39.6	38.6	40.2	45.6	100.0	40.2	52.5	48.4	41.4	27.0	43.9	37.5
Marquette	37.0	36.4	27.5	34.5	24.0	30.2	39.2	100.0	25.6	34.8	19.0	26.2	28.9	26.9
Tufts	28.3	28.6	34.4	32.4	44.2	44.8	46.6	23.3	100.0	40.9	42.9	21.9	47.4	41.2
U of Denver	26.2	25.4	32.2	34.7	33.0	36.9	39.8	29.3	37.9	100.0	30.0	24.1	31.6	27.5
Emory	23.2	26.1	32.0	28.0	33.3	34.0	33.3	15.7	38.9	29.4	100.0	16.5	43.0	26.2
Baylor	15.8	17.9	28.0	30.6	18.4	19.9	18.9	18.7	17.3	20.4	14.3	100.0	21.9	14.4
Case Western Res.	21.3	25.2	24.4	22.5	30.5	32.4	29.5	19.9	35.9	25.8	35.9	21.1	100.0	25.6
Stevens Ins. Tech	12.6	18.3	16.0	15.2	13.0	14.6	17.7	13.0	21.9	15.8	15.4	9.7	18.0	100.0

Table 6: Private colleges count matrix

	Sewanee (N=404)	Oberlin (N=342)	Colorado Coll. (N=300)	Conn Coll. (N=298)	Middlebury (N=282)	Occidental (N=215)	Swarthmore (N=204)	Macalester (N=203)	Williams (N=201)	Smith (N=171)	Harvey Mudd (N=117)	Scripps (N=115)
Sewanee	404	138	156	122	137	90	96	94	99	81	49	33
Oberlin	138	342	179	198	158	134	121	145	126	125	71	71
Colorado Coll.	156	179	300	170	148	118	119	139	112	108	72	63
Conn Coll.	122	198	170	298	144	119	108	123	104	110	57	55
Middlebury	137	158	148	144	282	106	101	106	115	97	72	59
Occidental	90	134	118	119	106	215	85	97	76	79	51	54
Swarthmore	96	121	119	108	101	85	204	92	84	76	47	40
Macalester	94	145	139	123	106	97	92	203	100	94	60	58
Williams	99	126	112	104	115	76	84	100	201	71	65	52
Smith	81	125	108	110	97	79	76	94	71	171	48	48
Harvey Mudd	49	71	72	57	72	51	47	60	65	48	117	37
Scripps	33	71	63	55	59	54	40	58	52	48	37	115

Table 7: Private colleges percent matrix

	Sewanee (N=404)	Oberlin (N=342)	Colorado Coll. (N=300)	Conn Coll. (N=298)	Middlebury (N=282)	Occidental (N=215)	Swarthmore (N=204)	Macalester (N=203)	Williams (N=201)	Smith (N=171)	Harvey Mudd (N=117)	Scripps (N=115)
Sewanee	100.0	40.4	52.0	40.9	48.6	41.9	47.1	46.3	49.3	47.4	41.9	28.7
Oberlin	34.2	100.0	59.7	66.4	56.0	62.3	59.3	71.4	62.7	73.1	60.7	61.7
Colorado Coll.	38.6	52.3	100.0	57.0	52.5	54.9	58.3	68.5	55.7	63.2	61.5	54.8
Conn Coll.	30.2	57.9	56.7	100.0	51.1	55.3	52.9	60.6	51.7	64.3	48.7	47.8
Middlebury	33.9	46.2	49.3	48.3	100.0	49.3	49.5	52.2	57.2	56.7	61.5	51.3
Occidental	22.3	39.2	39.3	39.9	37.6	100.0	41.7	47.8	37.8	46.2	43.6	47.0
Swarthmore	23.8	35.4	39.7	36.2	35.8	39.5	100.0	45.3	41.8	44.4	40.2	34.8
Macalester	23.3	42.4	46.3	41.3	37.6	45.1	45.1	100.0	49.8	55.0	51.3	50.4
Williams	24.5	36.8	37.3	34.9	40.8	35.3	41.2	49.3	100.0	41.5	55.6	45.2
Smith	20.0	36.5	36.0	36.9	34.4	36.7	37.3	46.3	35.3	100.0	41.0	41.7
Harvey Mudd	12.1	20.8	24.0	19.1	25.5	23.7	23.0	29.6	32.3	28.1	100.0	32.2
Scripps	8.2	20.8	21.0	18.5	20.9	25.1	19.6	28.6	25.9	28.1	31.6	100.0