

Tables

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1 Visit event count

```
## `summarise()` regrouping output by 'univ_id', 'univ_name' (override with `.groups` argument)
```

2 Private HS universe

```
##           Regular elementary or secondary
##                               1
##           Montessori
##                               2
##           Special program emphasis
##                               3
##           Special education
##                               4
##           Career/technical/vocational
##                               5
##           Alternative/other
##                               6
## Early childhood program/child care center
##                               7

## # A tibble: 3 x 2
## # Groups:   year [3]
##   year      n
##   <chr> <int>
## 1 1314    144
## 2 1516    105
## 3 1718   22895

## `summarise()` ungrouping output (override with `.groups` argument)
## `summarise()` ungrouping output (override with `.groups` argument)
```

```
## `summarise()` ungrouping output (override with `.groups` argument)
## `summarise()` ungrouping output (override with `.groups` argument)

## pdf
## 2
```

3 Top visited private HS (2-mode network)

school_id	school_name	city	state	region	religion	pct_blacklatinxnative	ranking_score	ranking_numeric	degree	closeness	strength
00209534	KENT DENVER SCHOOL	ENGLEWOOD	CO	4	other_religion	6.370370	A+	122	23	0.4744398	24
00233261	CHOATE ROSEMARY HALL	WALLINGFORD	CT	1	nonsectarian	15.882353	A+	8	21	0.4318037	34
BB980038	HARVARD-WESTLAKE SCHOOL	STUDIO CITY	CA	4	other_religion	16.708385	A+	6	21	0.4464580	22
00869171	THE LAWRENCEVILLE SCHOOL	LAWRENCEVILLE	NJ	1	nonsectarian	15.911873	A+	10	20	0.4518173	22
00909478	ALBUQUERQUE ACADEMY	ALBUQUERQUE	NM	4	nonsectarian	15.862069	A+	83	20	0.4205462	22
00941729	DALTON SCHOOL	NEW YORK	NY	1	nonsectarian	12.718964	A+	32	20	0.4151348	26
01462315	UNIVERSITY PREP	SEATTLE	WA	4	nonsectarian	9.683099	A+	249	20	0.4476379	22
01601838	ST IGNATIUS COLLEGE PREP	CHICAGO	IL	2	catholic	24.253460	A+	298	20	0.4185975	24
A0109386	GREENHILL SCHOOL	ADDISON	TX	3	nonsectarian	16.679718	A+	64	20	0.4610412	20
00078419	THE BISHOP'S SCHOOL	LA JOLLA	CA	4	other_religion	0.000000	A+	43	19	0.4297494	19
00083611	THE ATHENIAN SCHOOL	DANVILLE	CA	4	nonsectarian	12.213741	A+	106	19	0.4336000	21
00233115	THE HOTCHKISS SCHOOL	LAKEVILLE	CT	1	nonsectarian	14.006515	A+	17	19	0.4351317	30
00253448	MARET SCHOOL	WASHINGTON	DC	3	nonsectarian	23.112481	A+	100	19	0.4506152	19
00580238	THE BRYN MAWR SCHOOL	BALTIMORE	MD	3	nonsectarian	18.491124	A+	98	19	0.4361120	19
00603199	PHILLIPS ACADEMY	ANDOVER	MA	1	nonsectarian	11.759505	NA	NA	19	0.4387953	30
01161555	OREGON EPISCOPAL SCHOOL	PORTLAND	OR	4	other_religion	4.470588	A+	135	19	0.4292049	19
01433226	EPISCOPAL HIGH SCHOOL	ALEXANDRIA	VA	3	other_religion	16.447368	A+	141	19	0.3869218	32
Z1328448	THE KINKAID SCHOOL	HOUSTON	TX	3	nonsectarian	8.654545	A+	89	19	0.4642001	21
00083429	HEAD ROYCE SCHOOL	OAKLAND	CA	4	nonsectarian	16.628959	A+	42	18	0.4230409	18
00083473	MARIN ACADEMY	SAN RAFAEL	CA	4	nonsectarian	9.669811	A+	129	18	0.4331841	18

Table ?? shows characteristics of the 20 private high schools that were visited by the most private colleges and universities

school_id	school_name	city	state	region	religion	pct_blacklatinxnative	ranking_score	ranking_numeric	degree	closeness	strength
00209534	KENT DENVER SCHOOL	ENGLEWOOD	CO	4	other_religion	6.370370	A+	122	23	0.4744398	24
00233261	CHOATE ROSEMARY HALL	WALLINGFORD	CT	1	nonsectarian	15.882353	A+	8	21	0.4318037	34
BB980038	HARVARD-WESTLAKE SCHOOL	STUDIO CITY	CA	4	other_religion	16.708385	A+	6	21	0.4464580	22
00869171	THE LAWRENCEVILLE SCHOOL	LAWRENCEVILLE	NJ	1	nonsectarian	15.911873	A+	10	20	0.4518173	22
00909478	ALBUQUERQUE ACADEMY	ALBUQUERQUE	NM	4	nonsectarian	15.862069	A+	83	20	0.4205462	22
00941729	DALTON SCHOOL	NEW YORK	NY	1	nonsectarian	12.718964	A+	32	20	0.4151348	26
01462315	UNIVERSITY PREP	SEATTLE	WA	4	nonsectarian	9.683099	A+	249	20	0.4476379	22
01601838	ST IGNATIUS COLLEGE PREP	CHICAGO	IL	2	catholic	24.253460	A+	298	20	0.4185975	24
A0109386	GREENHILL SCHOOL	ADDISON	TX	3	nonsectarian	16.679718	A+	64	20	0.4610412	20
00078419	THE BISHOP'S SCHOOL	LA JOLLA	CA	4	other_religion	0.000000	A+	43	19	0.4297494	19
00083611	THE ATHENIAN SCHOOL	DANVILLE	CA	4	nonsectarian	12.213741	A+	106	19	0.4336000	21
00233115	THE HOTCHKISS SCHOOL	LAKEVILLE	CT	1	nonsectarian	14.006515	A+	17	19	0.4351317	30
00253448	MARET SCHOOL	WASHINGTON	DC	3	nonsectarian	23.112481	A+	100	19	0.4506152	19
00580238	THE BRYN MAWR SCHOOL	BALTIMORE	MD	3	nonsectarian	18.491124	A+	98	19	0.4361120	19
00603199	PHILLIPS ACADEMY	ANDOVER	MA	1	nonsectarian	11.759505	NA	NA	19	0.4387953	30
01161555	OREGON EPISCOPAL SCHOOL	PORTLAND	OR	4	other_religion	4.470588	A+	135	19	0.4292049	19
01433226	EPISCOPAL HIGH SCHOOL	ALEXANDRIA	VA	3	other_religion	16.447368	A+	141	19	0.3869218	32
Z1328448	THE KINKAID SCHOOL	HOUSTON	TX	3	nonsectarian	8.654545	A+	89	19	0.4642001	21
00083429	HEAD ROYCE SCHOOL	OAKLAND	CA	4	nonsectarian	16.628959	A+	42	18	0.4230409	18
00083473	MARIN ACADEMY	SAN RAFAEL	CA	4	nonsectarian	9.669811	A+	129	18	0.4331841	18

4 Aggregated visited private HS (2-mode network)

Degree	Count	Northeast	Midwest	South	West	Catholic	Conservative Christian	Nonsectarian	Other	<10%	10-25%	25-50%	50%+	Top 200	A+	A	<A	rank_NA
15+	79	20.3%	13.9%	31.6%	34.2%	13.9%	NA	69.6%	16.5%	27.8%	62.0%	7.6%	2.5%	68.4%	29.1%	1.3%	NA	1.3%
10-14	153	29.4%	13.1%	30.1%	27.5%	29.4%	1.3%	56.9%	12.4%	31.4%	57.5%	6.5%	4.6%	30.1%	58.8%	6.5%	1.3%	3.3%
5-9	243	27.2%	11.1%	39.9%	21.8%	44.9%	3.3%	37.4%	14.4%	39.9%	43.2%	14.0%	2.9%	8.2%	66.3%	21.4%	2.1%	2.1%
4	87	28.7%	12.6%	43.7%	14.9%	59.8%	6.9%	17.2%	16.1%	41.4%	42.5%	12.6%	3.4%	1.1%	51.7%	41.4%	3.4%	2.3%
3	114	27.2%	26.3%	39.5%	7.0%	54.4%	5.3%	26.3%	14.0%	32.5%	49.1%	12.3%	6.1%	NA	34.2%	43.9%	13.2%	8.8%
2	171	28.7%	21.6%	33.9%	15.8%	55.6%	8.2%	19.3%	17.0%	39.8%	33.3%	19.9%	7.0%	1.2%	24.6%	43.9%	25.1%	5.3%
1	272	21.7%	21.3%	42.3%	14.7%	55.1%	13.2%	16.2%	15.4%	31.6%	38.6%	18.4%	11.4%	0.4%	22.4%	33.5%	39.0%	4.8%

5 Ego network table

University	Cluster	Type	Rank	Northeast	Midwest	South	West	Catholic	Conserv	Nonsect	Other	c1_lt10	c2_10to25	c3_25to50	c4_50+	c1_top200	c2_A+	c3_A	c4_ltA
Williams	1	lib arts	1	22.1%	13.7%	24.2%	19.5%	23.2%	0.5%	46.8%	8.9%	22.6%	46.3%	4.7%	5.8%	34.7%	31.6%	8.9%	2.1%
Swarthmore	1	lib arts	3	25.8%	7.5%	25.3%	21.0%	18.3%	0.5%	49.5%	11.3%	25.3%	42.5%	5.9%	5.9%	33.3%	31.7%	8.6%	3.8%
Wellesley	1	lib arts	4	30.2%	7.1%	19.8%	24.6%	21.4%	0.0%	50.0%	10.3%	26.2%	46.0%	5.6%	4.0%	35.7%	27.8%	10.3%	4.8%
Middlebury	1	lib arts	9	32.4%	6.9%	23.9%	17.0%	14.3%	0.0%	53.3%	12.7%	31.7%	41.7%	5.8%	1.2%	30.1%	40.2%	5.4%	2.3%
Smith	1	lib arts	15	29.7%	3.2%	18.1%	27.7%	12.3%	0.6%	54.2%	11.6%	22.6%	46.5%	7.7%	1.9%	34.2%	38.1%	2.6%	1.3%
Colorado Coll.	1	lib arts	25	26.0%	10.7%	19.2%	25.3%	13.2%	1.8%	53.0%	13.2%	29.5%	42.7%	5.0%	3.9%	31.7%	40.2%	3.9%	2.1%
Harvey Mudd	1	lib arts	25	11.1%	7.4%	27.8%	36.1%	18.5%	0.0%	49.1%	14.8%	21.3%	45.4%	10.2%	5.6%	43.5%	30.6%	4.6%	1.9%
Macalester	1	lib arts	27	21.9%	15.0%	12.3%	30.5%	12.3%	0.5%	56.1%	10.7%	28.3%	44.4%	4.8%	2.1%	38.0%	33.7%	4.8%	1.1%
Scripps	1	lib arts	28	6.4%	10.9%	11.8%	56.4%	20.0%	1.8%	55.5%	8.2%	26.4%	42.7%	12.7%	3.6%	35.5%	40.0%	4.5%	1.8%
Oberlin	1	lib arts	36	30.4%	12.3%	16.8%	21.4%	17.2%	0.3%	51.8%	11.7%	30.1%	42.4%	6.1%	2.3%	29.1%	40.1%	7.8%	0.6%
Occidental	1	lib arts	40	21.3%	5.1%	18.8%	36.0%	21.8%	1.5%	46.7%	11.2%	26.4%	42.1%	10.2%	2.5%	31.0%	38.1%	7.1%	2.0%
Conn Coll.	1	lib arts	51	45.5%	5.4%	9.0%	20.4%	14.0%	0.4%	53.8%	12.2%	32.3%	42.3%	3.9%	1.8%	31.5%	38.0%	6.5%	1.1%
Tufts	1	univ	30	24.7%	6.5%	24.0%	27.2%	19.0%	0.0%	49.1%	14.3%	28.7%	44.1%	6.5%	3.2%	30.5%	43.4%	4.7%	2.2%
Sewanee	2	lib arts	47	17.7%	7.0%	52.6%	4.9%	19.5%	2.9%	41.1%	18.8%	31.2%	45.3%	4.9%	0.8%	15.6%	46.6%	15.6%	2.9%
Northwestern	2	univ	9	14.0%	19.1%	30.6%	20.9%	29.4%	2.6%	41.1%	11.4%	25.7%	46.3%	10.0%	2.6%	26.0%	41.4%	11.7%	3.1%
Emory	2	univ	21	11.2%	9.2%	46.9%	18.1%	22.3%	1.9%	45.0%	16.2%	33.1%	43.5%	8.5%	0.4%	21.9%	48.8%	11.2%	2.7%
Tulane	2	univ	41	17.0%	11.2%	39.7%	15.7%	28.7%	1.0%	39.9%	14.0%	28.7%	42.6%	9.5%	2.7%	22.2%	43.1%	11.5%	4.2%
Notre Dame	3	univ	19	21.2%	20.7%	24.4%	19.5%	56.6%	1.5%	20.3%	7.2%	28.9%	39.7%	11.6%	5.5%	12.6%	35.3%	25.7%	10.4%
Boston Coll.	3	univ	35	21.4%	11.8%	25.1%	25.4%	40.6%	1.9%	34.7%	6.5%	26.0%	41.5%	11.1%	5.0%	22.6%	37.8%	14.6%	5.3%
Case Western Res.	3	univ	42	22.5%	15.1%	30.7%	15.6%	28.4%	0.9%	39.0%	15.6%	30.3%	44.0%	6.9%	2.8%	23.9%	45.0%	11.9%	1.8%
Villanova	3	univ	53	30.0%	16.8%	31.0%	7.5%	49.3%	1.8%	26.0%	8.2%	28.2%	43.6%	9.7%	3.8%	12.3%	39.4%	22.3%	9.2%
Stevens Ins. Tech	3	univ	80	52.3%	1.3%	20.8%	11.4%	40.9%	1.3%	30.2%	13.4%	26.2%	47.0%	12.1%	0.7%	16.8%	41.6%	21.5%	2.7%
SMU	4	univ	66	14.9%	11.5%	41.3%	14.5%	30.2%	4.4%	33.3%	14.3%	27.5%	40.3%	11.1%	3.3%	15.9%	43.6%	16.3%	3.3%
Baylor	4	univ	76	0.0%	6.7%	55.8%	20.5%	30.4%	21.0%	11.2%	20.5%	24.6%	39.3%	15.6%	3.6%	5.4%	36.2%	27.2%	11.6%
TCU	4	univ	80	13.9%	11.8%	36.9%	23.7%	39.8%	5.3%	26.9%	14.4%	26.6%	42.7%	12.9%	4.1%	12.5%	47.0%	20.9%	4.6%
U of Denver	4	univ	80	18.9%	18.5%	18.5%	28.0%	30.7%	2.0%	40.6%	10.6%	35.8%	37.4%	8.7%	2.0%	18.9%	47.6%	11.8%	2.4%

6 Ego network barplot

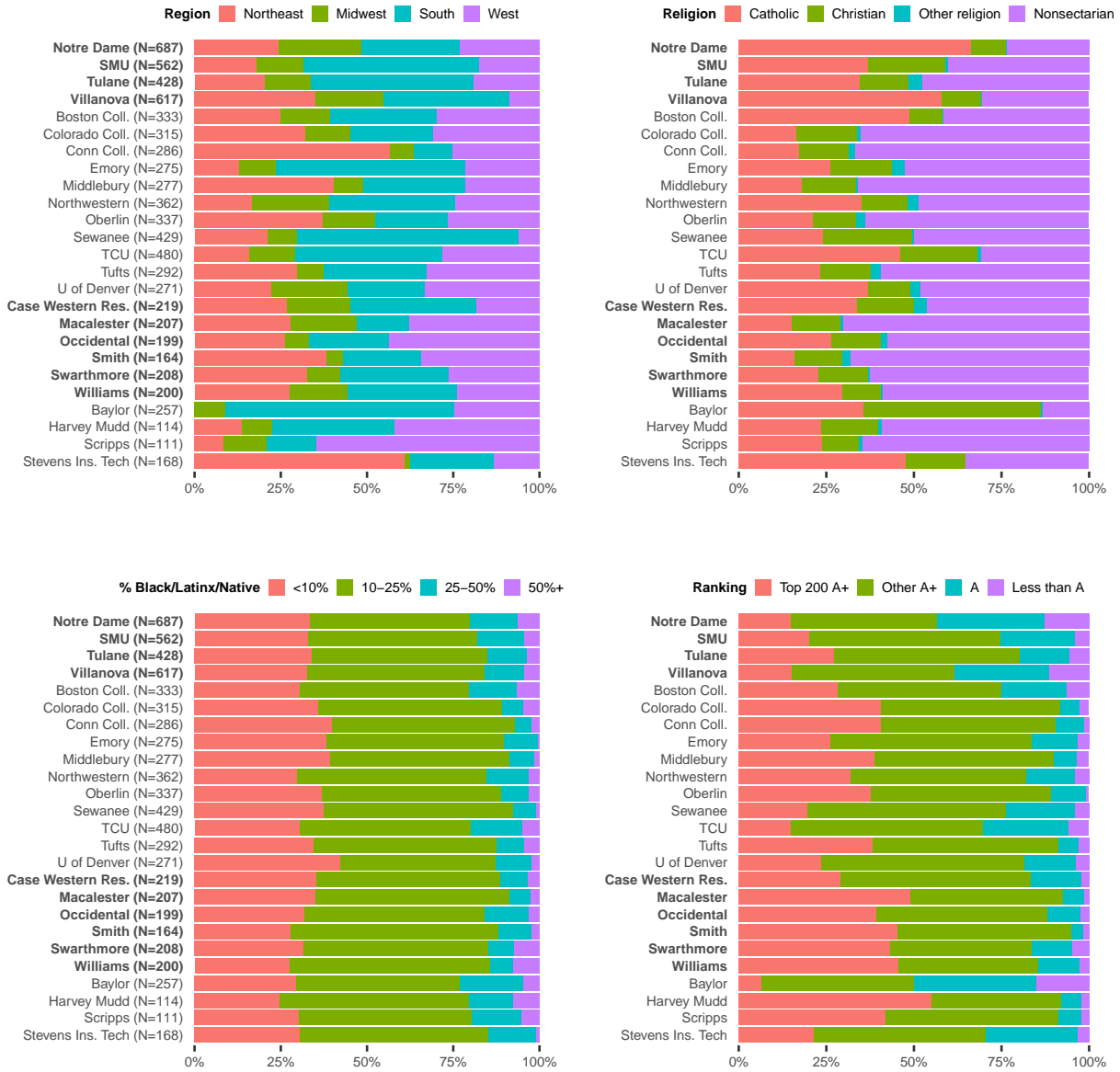


Figure 1: Characteristics of private high schools visited by private colleges and universities

* Universities are grouped by clusters, as indicated by alternating bolded and normal font