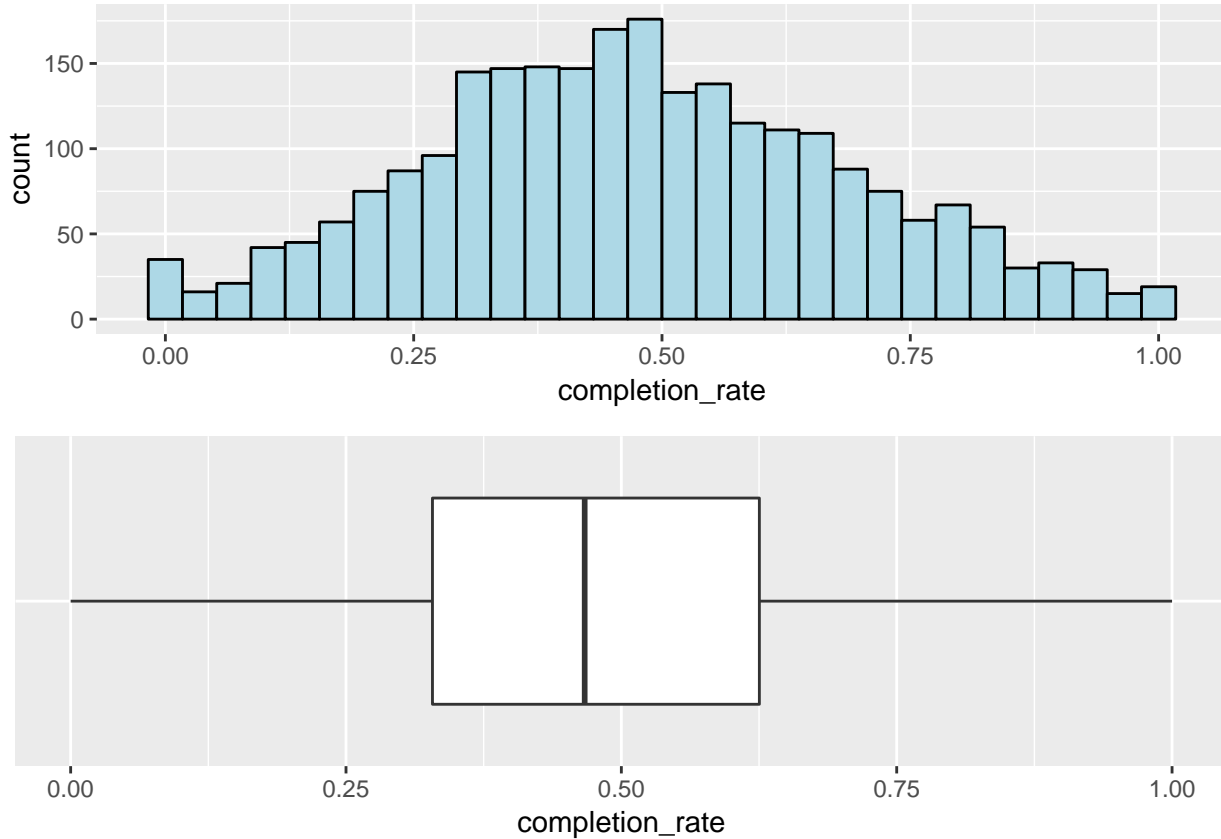


Completion

Qi Feng

1. Completion Rate

Completion rate is recorded as *percentage of students that graduated within 6 years* in our dataset. The overall distribution of completion rate is roughly symmetric, with mode and median both around 0.47. Thus, for most colleges, just under half (47%) of students graduated within 6 years of starting college.



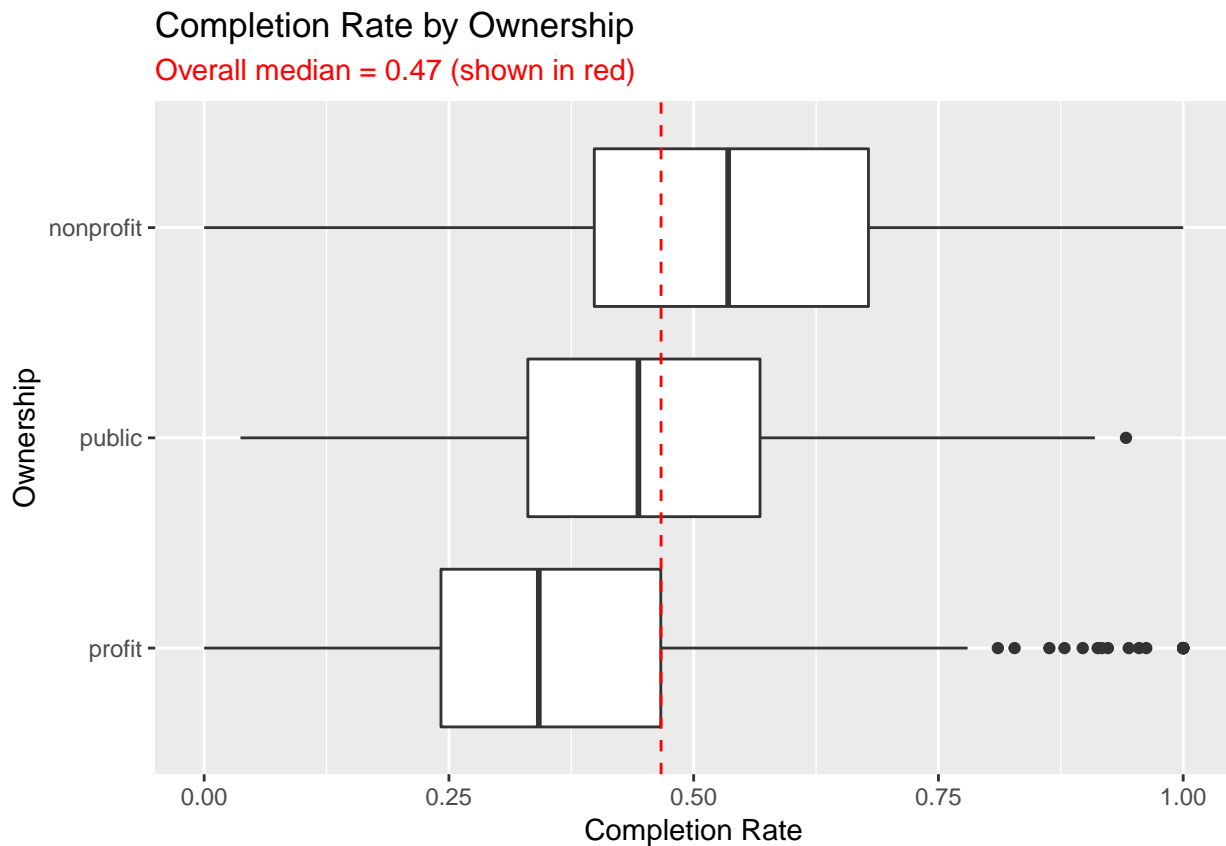
The colleges with the highest completion rates are listed below in *Table 1*.

Table 1: Colleges with Highest Completion Rate

name	completion_rate
Cleveland University-Kansas City	1.0000
Harvard University	0.9752
Princeton University	0.9678
Yale University	0.9620
Brown University	0.9612
University of Notre Dame	0.9573

Completion Rate by Institution Type

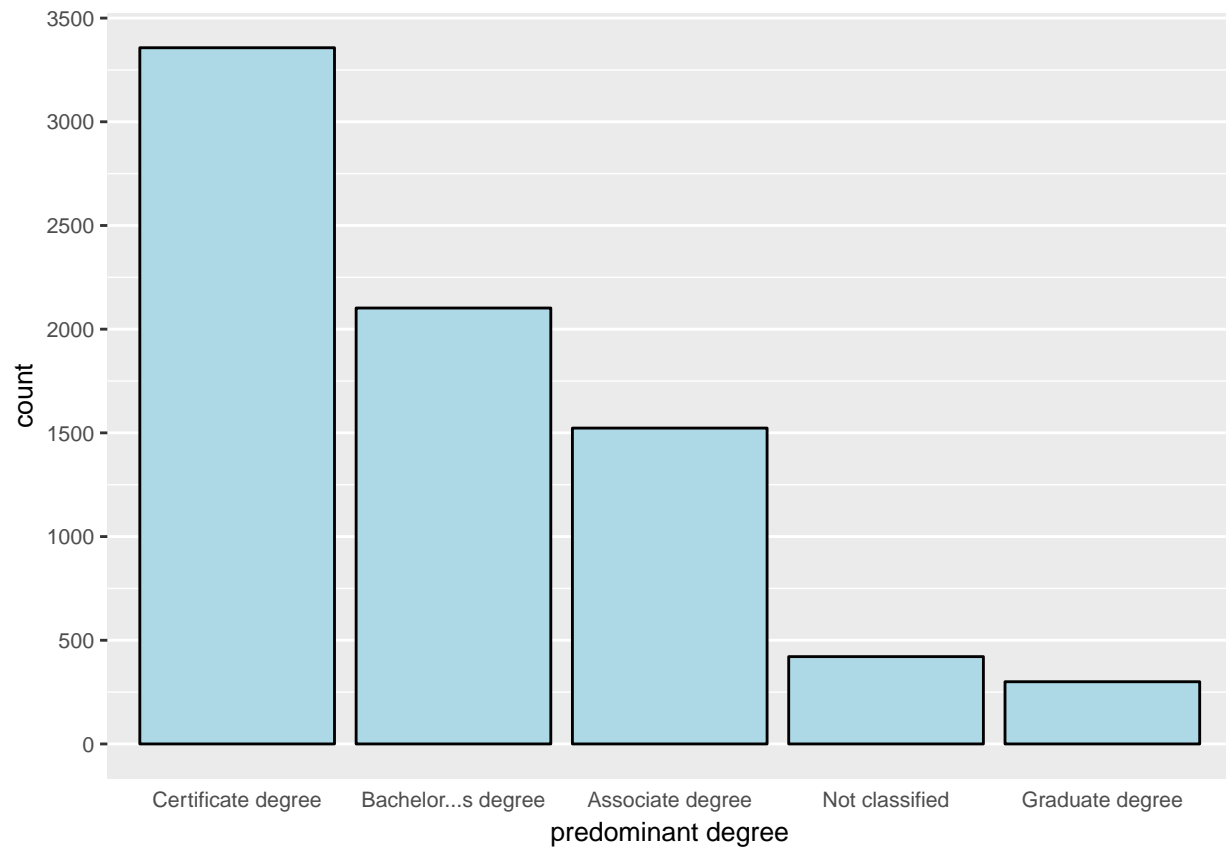
Taking institution type into consideration, we can see that private *non-profit* schools have the best completion rates (highest median) while private *for-profit* schools have the worst. Only non-profit schools have higher median completion rate than the overall median. Note that unlike *non-profit* and *for-profit* schools, public schools have neither a completion rate of 0.00 or 1.00.



2. Degree Awarded

Predominant Degree

Overall, *Certificate degree* is the most frequently awarded while *Graduate degree* is the least. Such a result is reasonable as certificate programs are less demanding than degree programs. Also, since graduate population is usually smaller than undergraduate population, we shall expect that fewer students receive a *Graduate degree*.

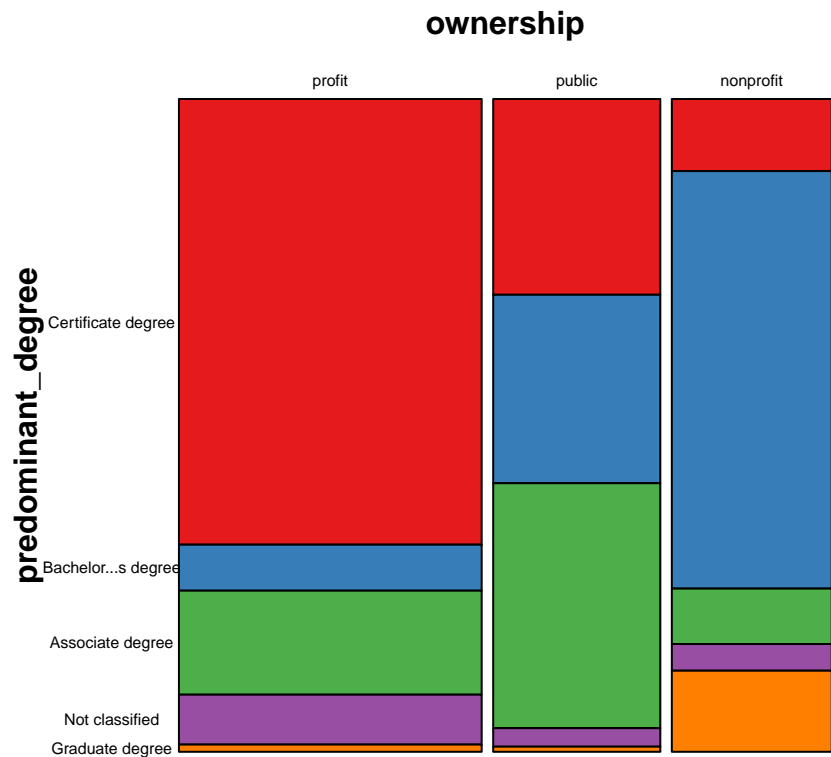


Predominant Degree by Ownership

Predominant degree seems to be associated with **ownership** as the boxes in the mosaic plot below are not proportional. Specifically, we can infer that the predominant degree awarded is mostly

- *Certificate degree* for private *for-profit* schools;
- *Associate degree* for *public* schools;
- *Bachelor's degree* for private *non-profit* schools.

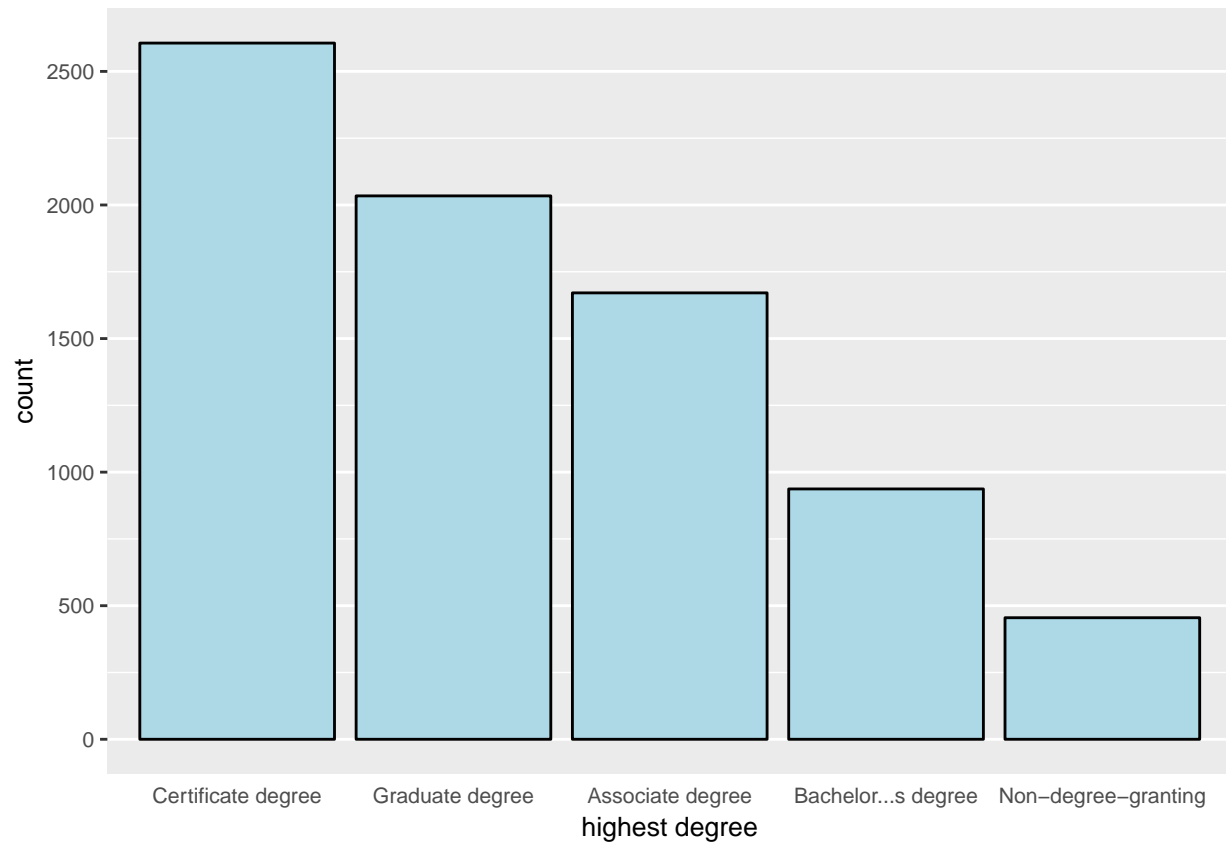
Predominant Degree vs. Ownership



##	ownership	profit	public	nonprofit
##	predominant_degree			
##	Certificate degree	2528	613	216
##	Bachelor's degree	261	590	1251
##	Associate degree	590	767	166
##	Not classified	283	58	80
##	Graduate degree	41	16	243

Highest Degree

Like `predominant_degree`, *Certificate degree* is the most frequently awarded highest degree, but now *non-degree-granting* is the least. Such a result shows evidence for the extensive size of professional schools that offer mainly *Certificate degree* as their highest degree. For other schools, we shall expect *Graduate degree* as the most commonly awarded highest degree.

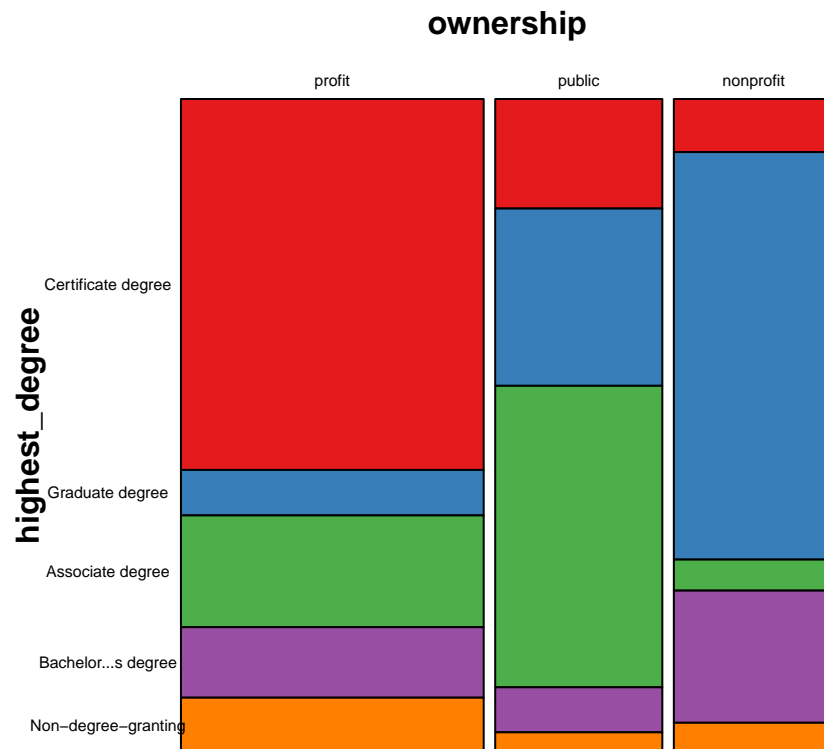


Highest Degree by Ownership

Like **predominant degree**, highest degree is also associated with **ownership**. Specifically, we find that the highest degree is mostly

- *Certificate degree* for private *for-profit* schools;
- *Associate degree* for *public* schools;
- *Graduate degree* for private *non-profit* schools.

Highest Degree vs. Ownership



##	ownership	profit	public	nonprofit
##	highest_degree			
##	Certificate degree	2104	343	159
##	Graduate degree	258	555	1221
##	Associate degree	634	944	93
##	Bachelor's degree	400	141	396
##	Non-degree-granting	307	61	87