

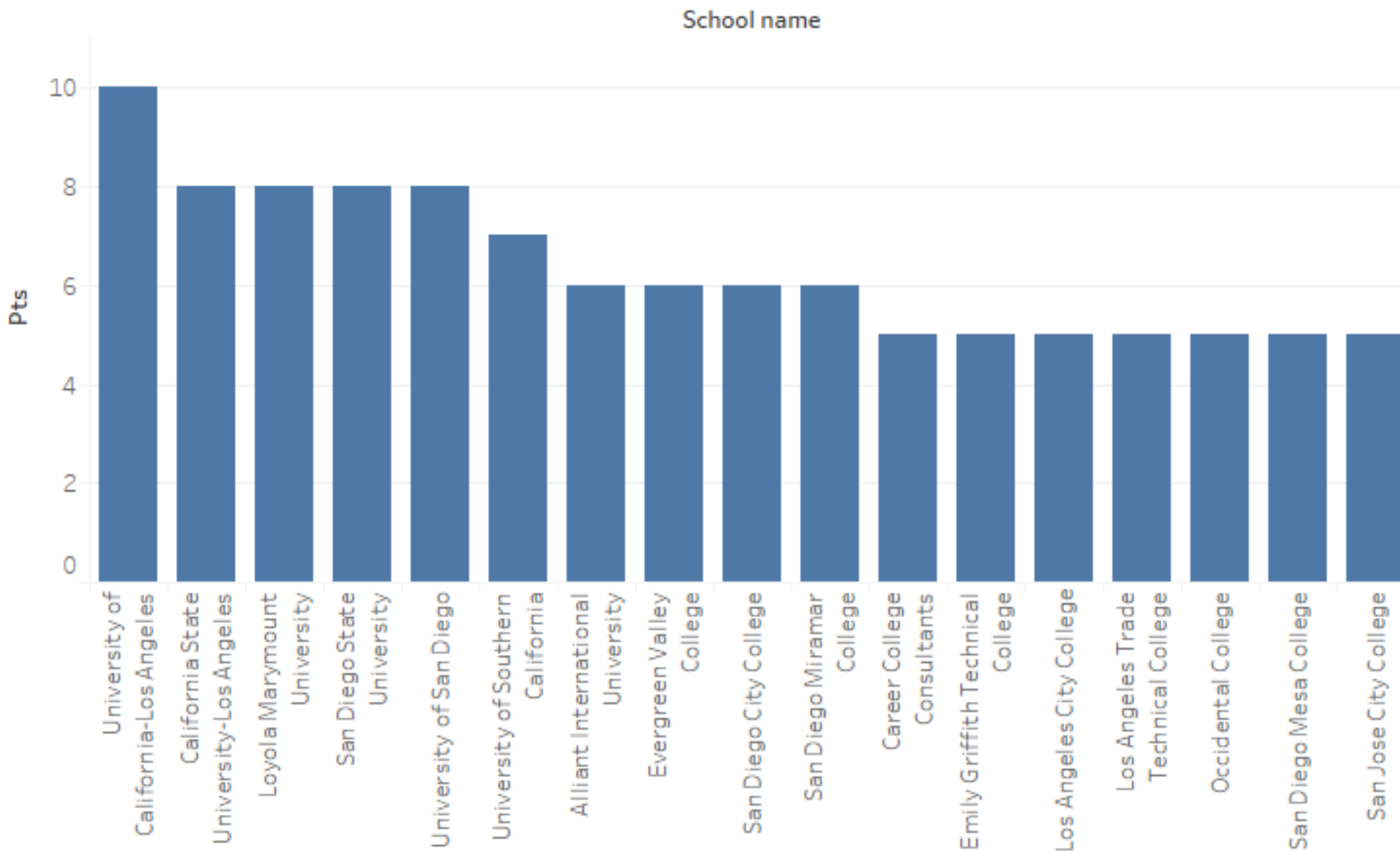
Objective: Find the Perfect College Fit for Maria

- Determine a school or a group of schools that fit her requirements and preferences
- Our approach: get a final dataset based on her requirements, then rank that dataset based on her preferences

Our Decision:

- School: **University of California- Los Angeles**
- Degree: **Bachelor's in Computer Science or MIS**
- UCLA had a max score of 10
- Give Maria the option of 17 schools with a score greater than 5

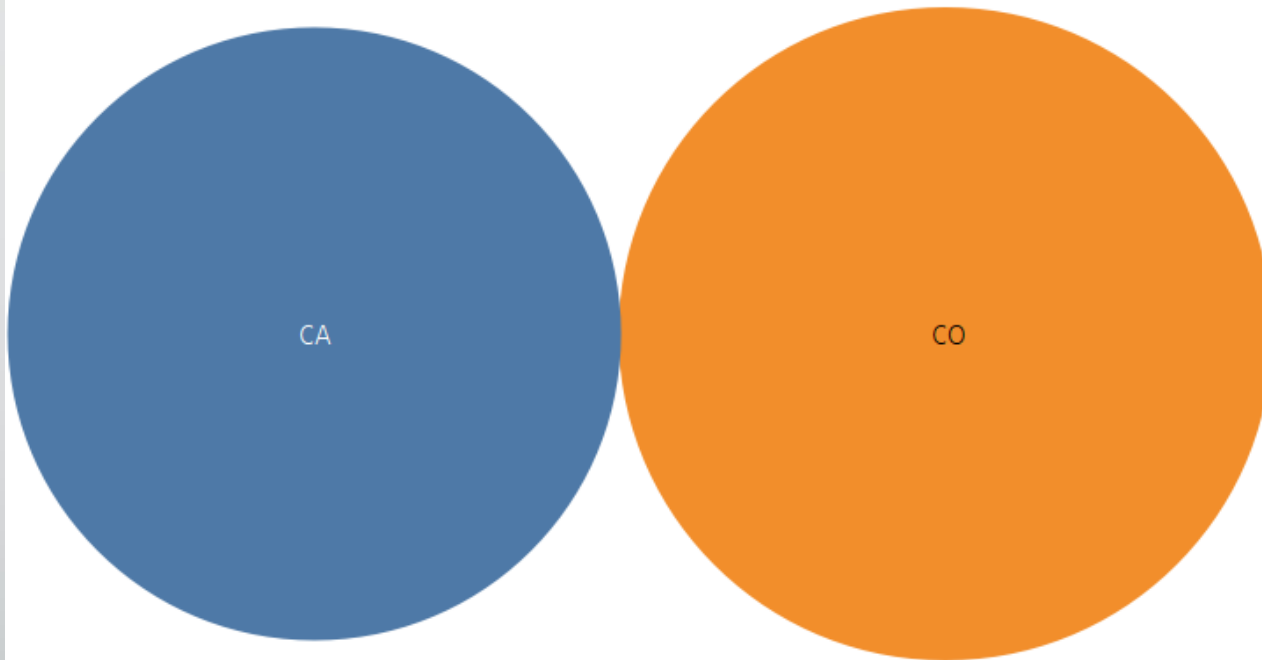
Schools that fit Maria's Requirements and Rank Highly on her Preferences (17)



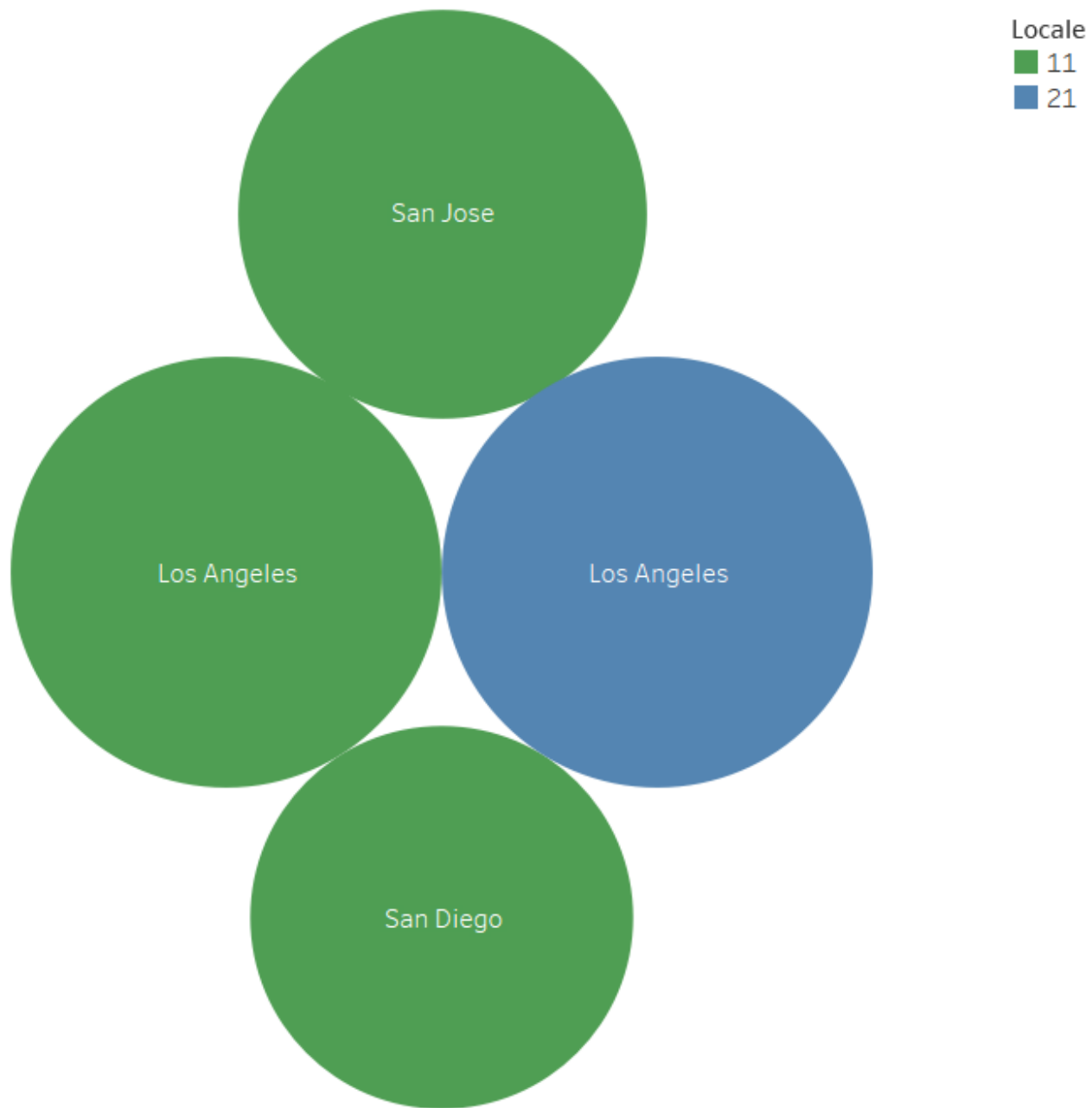
Sum of Pts for each School name. The view is filtered on sum of Pts, which ranges from 5 to 10.

state crime rate

Stabbr
■ CA
■ CO

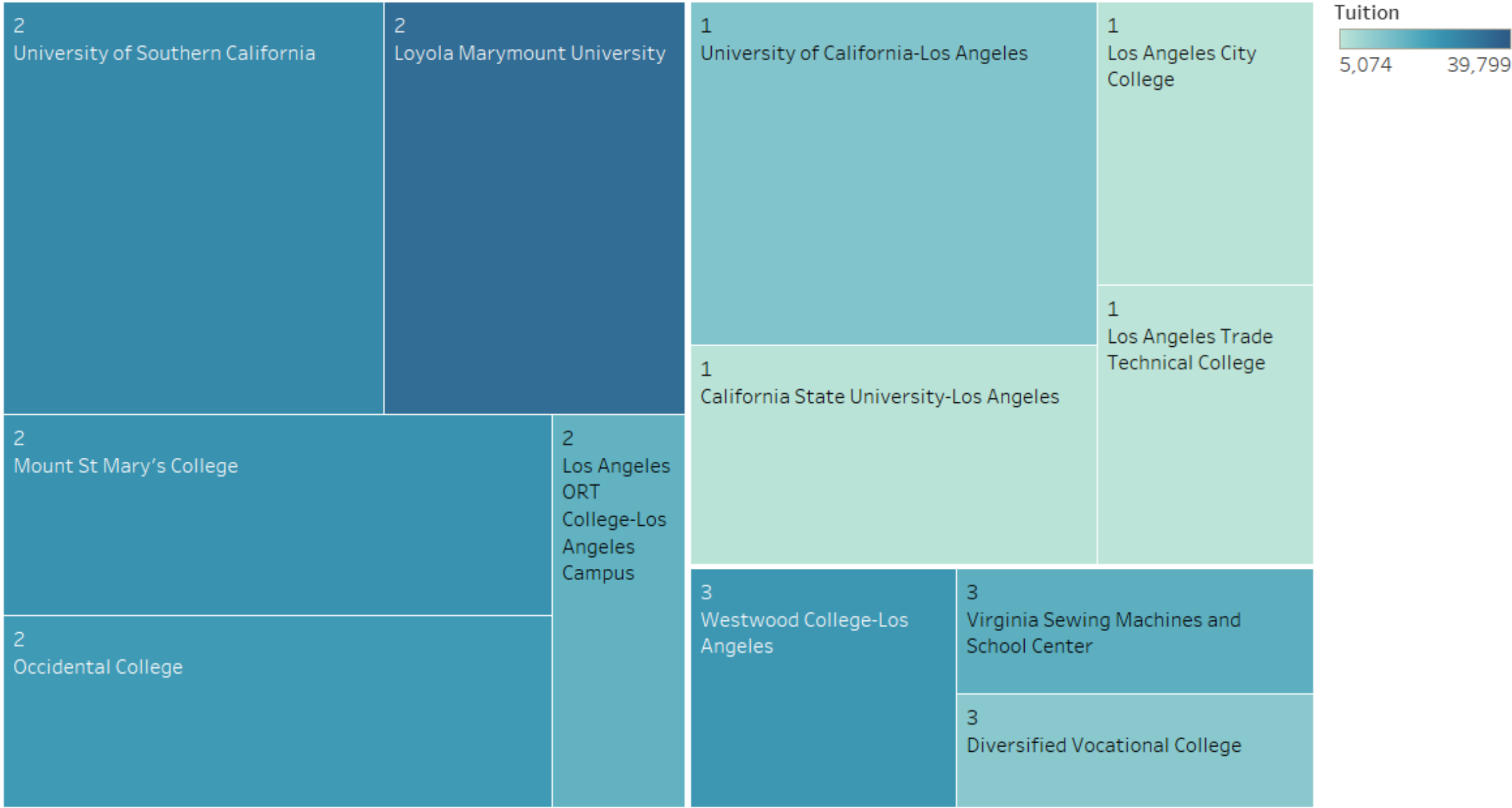


Stabbr. Color shows details about Stabbr. Size shows average of Total Crime. The marks are labeled by Stabbr.



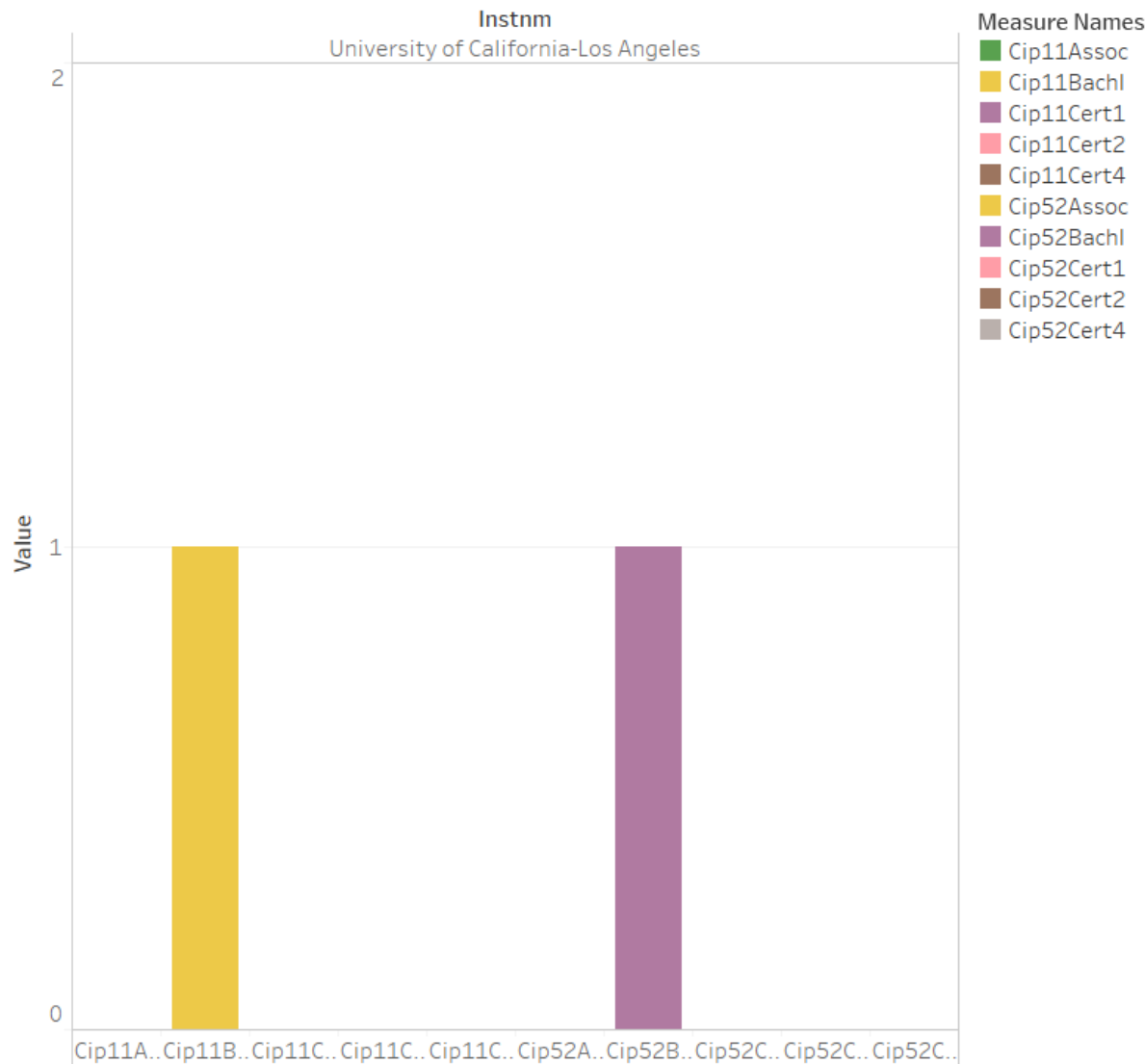
City. Color shows details about Locale. Size shows average of Total Crime. The marks are labeled by City. The data is filtered on Stabbr and Action (Stabbr). The Stabbr filter keeps CA and CO. The Action (Stabbr) filter keeps 1 member.

Institutions in Los Angeles



Public/Private and Instnm. Color shows sum of Tuition. Size shows sum of Earnings. The marks are labeled by Public/Private and Instnm. The data is filtered on Action (City,Locale), which keeps 1 member. The view is filtered on Instnm, which keeps 43 of 43 members.

University of California-Los AngelesSchool with programmes offered



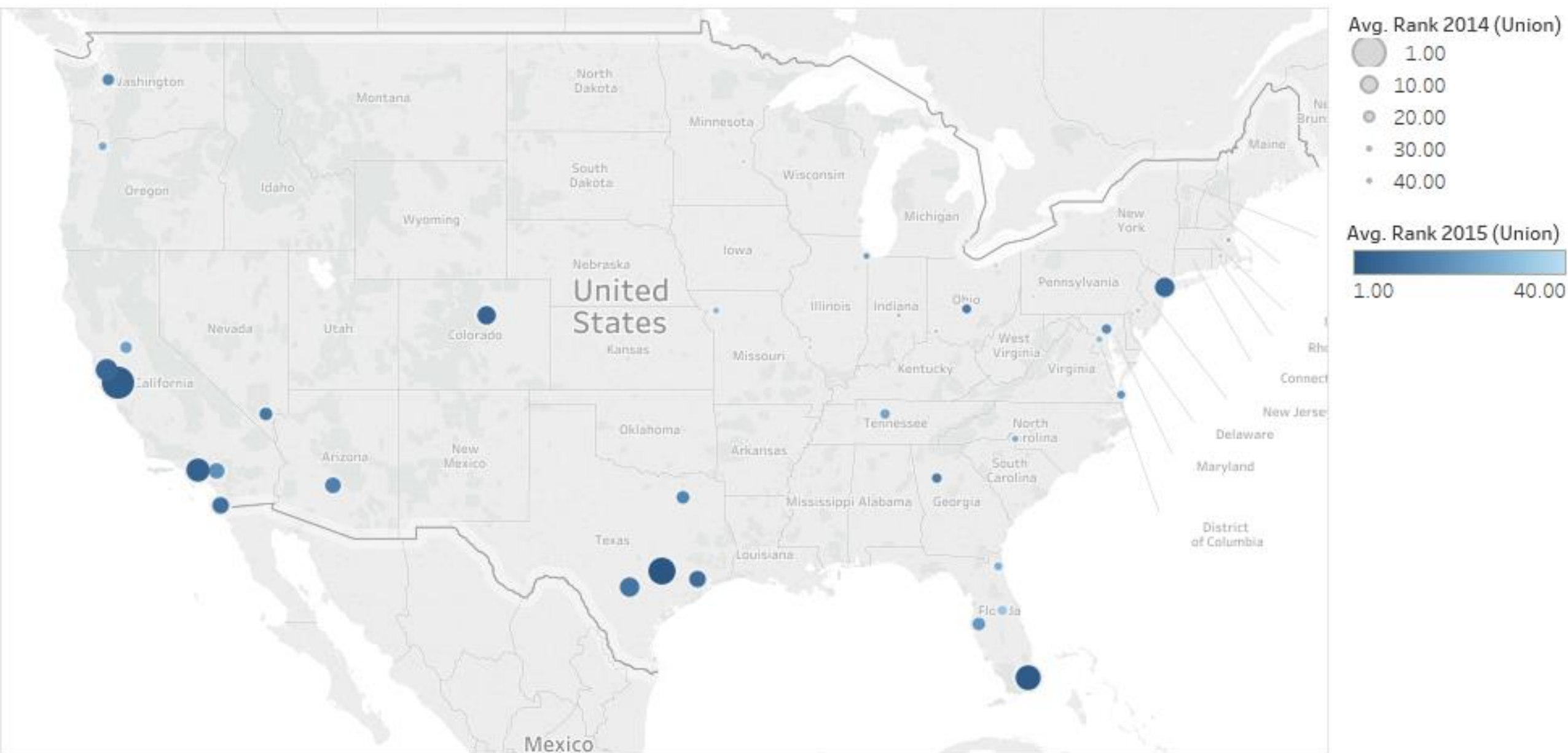
Cip11Assoc, Cip11Bachl, Cip11Cert1, Cip11Cert2, Cip11Cert4, Cip52Assoc, Cip52Bachl, Cip52Cert1, Cip52Cert2 and Cip52Cert4 for each Instnm. Color shows details about Cip11Assoc, Cip11Bachl, Cip11Cert1, Cip11Cert2, Cip11Cert4, Cip52Assoc, Cip52Bachl, Cip52Cert1, Cip52Cert2 and Cip52Cert4. The data is filtered on Action (Instnm) and Action (Instnm,Public/Private). The Action (Instnm) filter keeps 43 members. The Action (Instnm,Public/Private) filter keeps 1 member.



Maria's School & Location Requirements

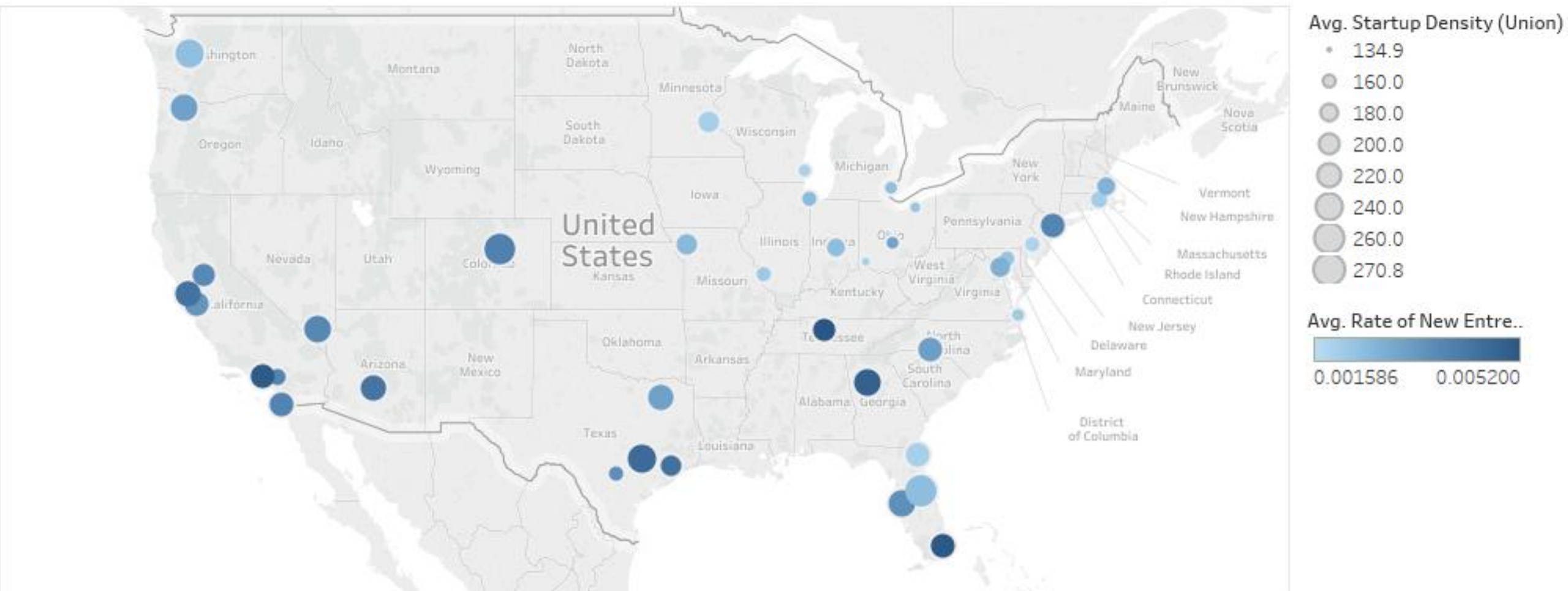
- Safety
- Urban Lifestyle
- Opportunity
- Preferred Program
- Main Campus
- Respected among academic community

Kauffman Metro Area Rankings for Entrepreneurship 2014



Map based on Longitude (generated) and Latitude (generated). Color shows average of Rank 2015 (Union). Size shows average of Rank 2014 (Union). Details are shown for Metro Area Main City.

Average Startup Density and Average Rate of New Entrepreneurs



Average of Startup Density (Union) for each Metro Area Main City.

Please note that information for years 2013- present was not available

Our Approach

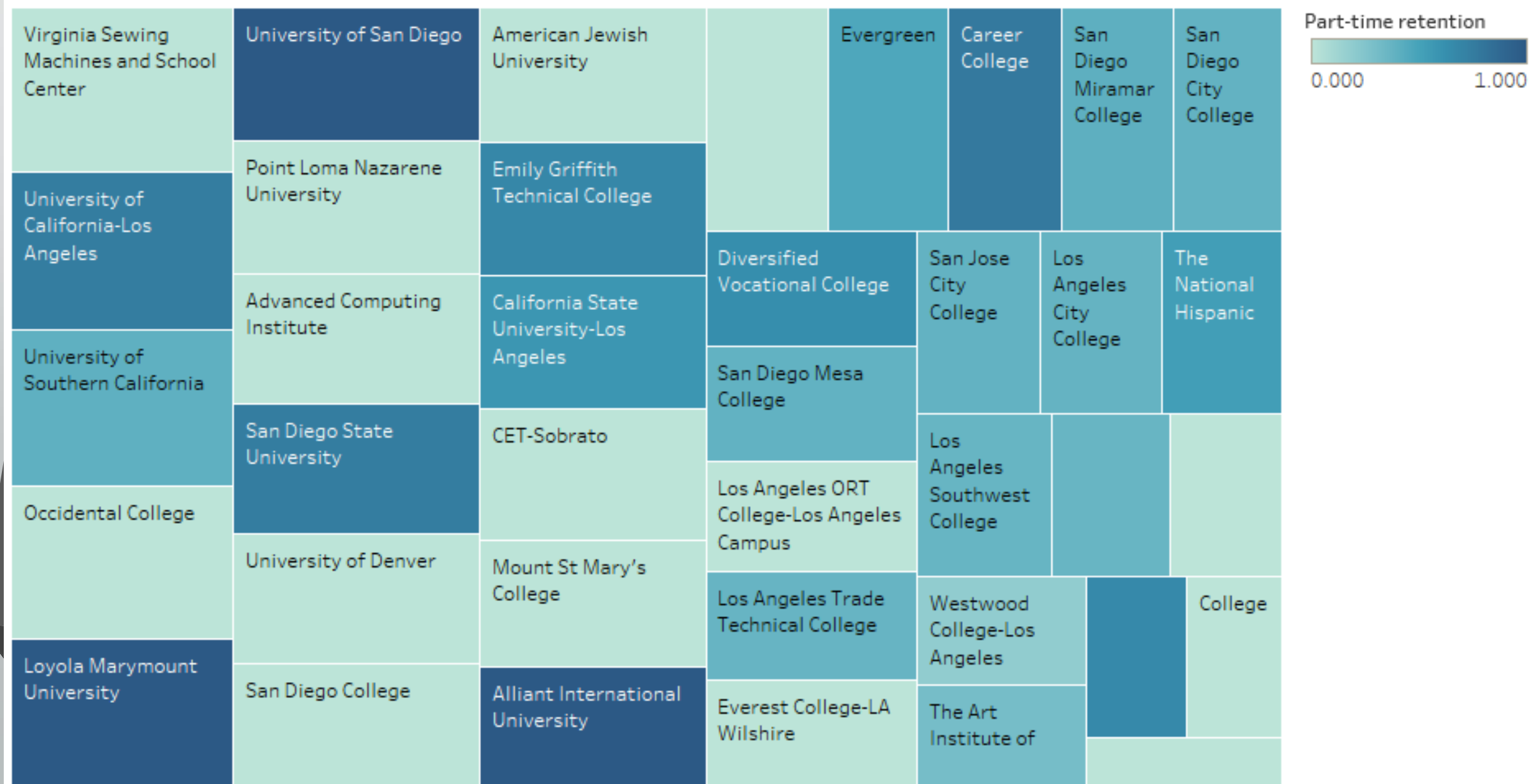
- Consider safest 50% of cities based on Total Crime (Violent + Property)
- Present options to live in a large city, a medium city, or a large city's suburb
- Filter to include top 25% of Kauffman Metro rankings for Entrepreneurship
- Give Maria degree-level options for MIS, IT & Computer Science
- Discard programs offered on auxiliary campuses
- Eliminate non-accredited schools



Maria's Preferences

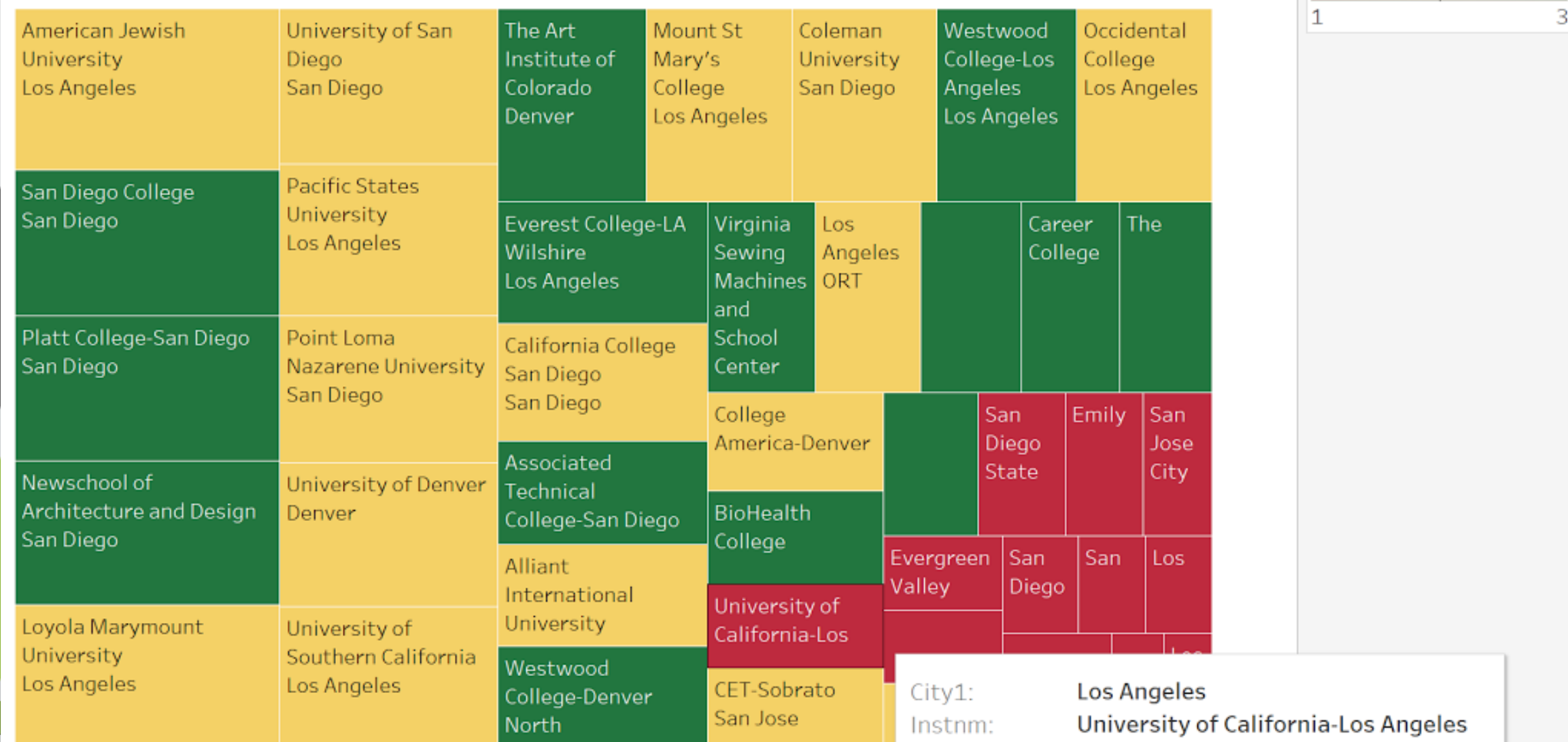
- Affordable tuition
- Career potential
- Public school
- Academic support

Full and Part-Time Retention rates



School name. Color shows sum of Part-time retention. Size shows sum of Full-time retention. The marks are labeled by School name.

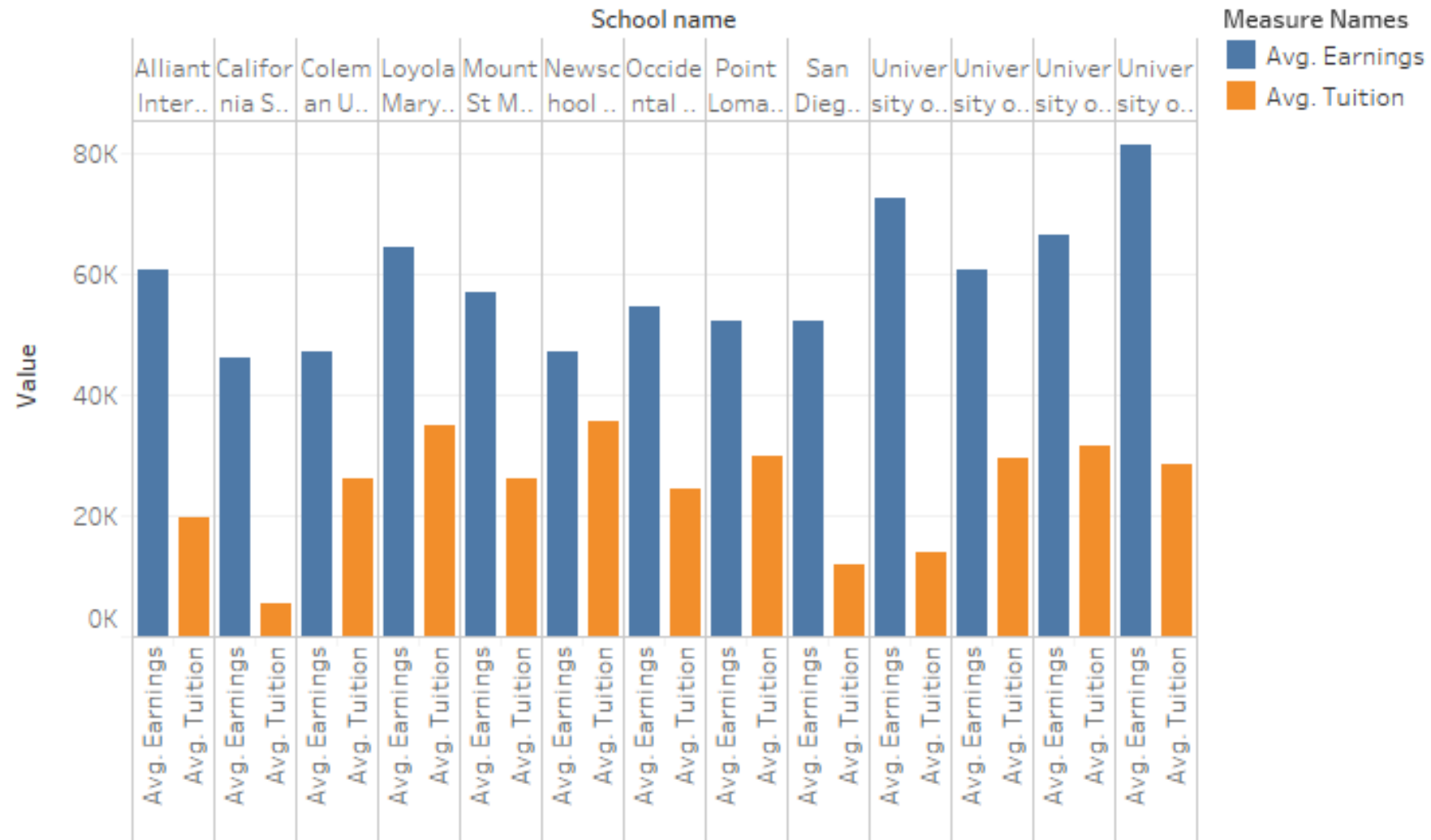
Tuition for Public, Private(For Profit), Private(Non-Profit) Institutions



Caption

Instnm and City1. Color shows sum of Public/Private. Size shows sum of Tuition. The marks are labeled by Instnm and City1.

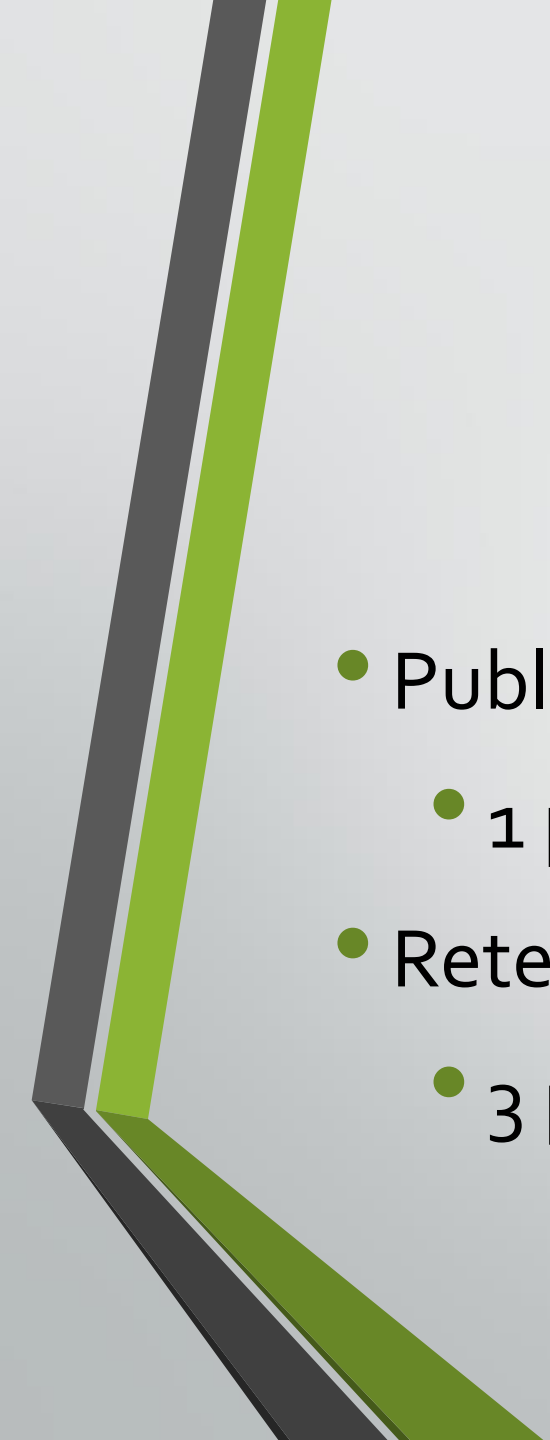
Average earnings Vs Average Tuition



Avg. Earnings and Avg. Tuition for each School name. Color shows details about Avg. Earnings and Avg. Tuition. we find that Los Angeles Trade Technical College has the lowest average tuition fee among all the colleges shortlisted for Maria. Average earnings (filter the average earnings below \$45,000) of the student after completion of the course is highest for University of Southern California. Overall we see a trend higher is the tuition fee of the college higher is the average earnings of the student.

Our Approach: Score Based

- Affordable Tuition
 - 3 points for top (cheapest) 10%, 2 for top 25%, 1 for top 50%
- Earnings potential 10 years after graduation
 - 3 points for top 10%, 2 for top 25%, 1 for top 50%



Our Approach: Score Based

- Public or Private
 - 1 point for Public schools, 0 for Private
- Retention rates
 - 3 points for top 10%, 2 for top 25%, 1 for top 50%



- UCLA had a perfect score based on our rankings
 - Best opportunity to succeed professionally and academically
 - Safe and fun lifestyle
- We also wanted to give Maria other options
 - Major, Degree and Location