

# Location of quality universities and other contributors to the university

## QUESTIONS

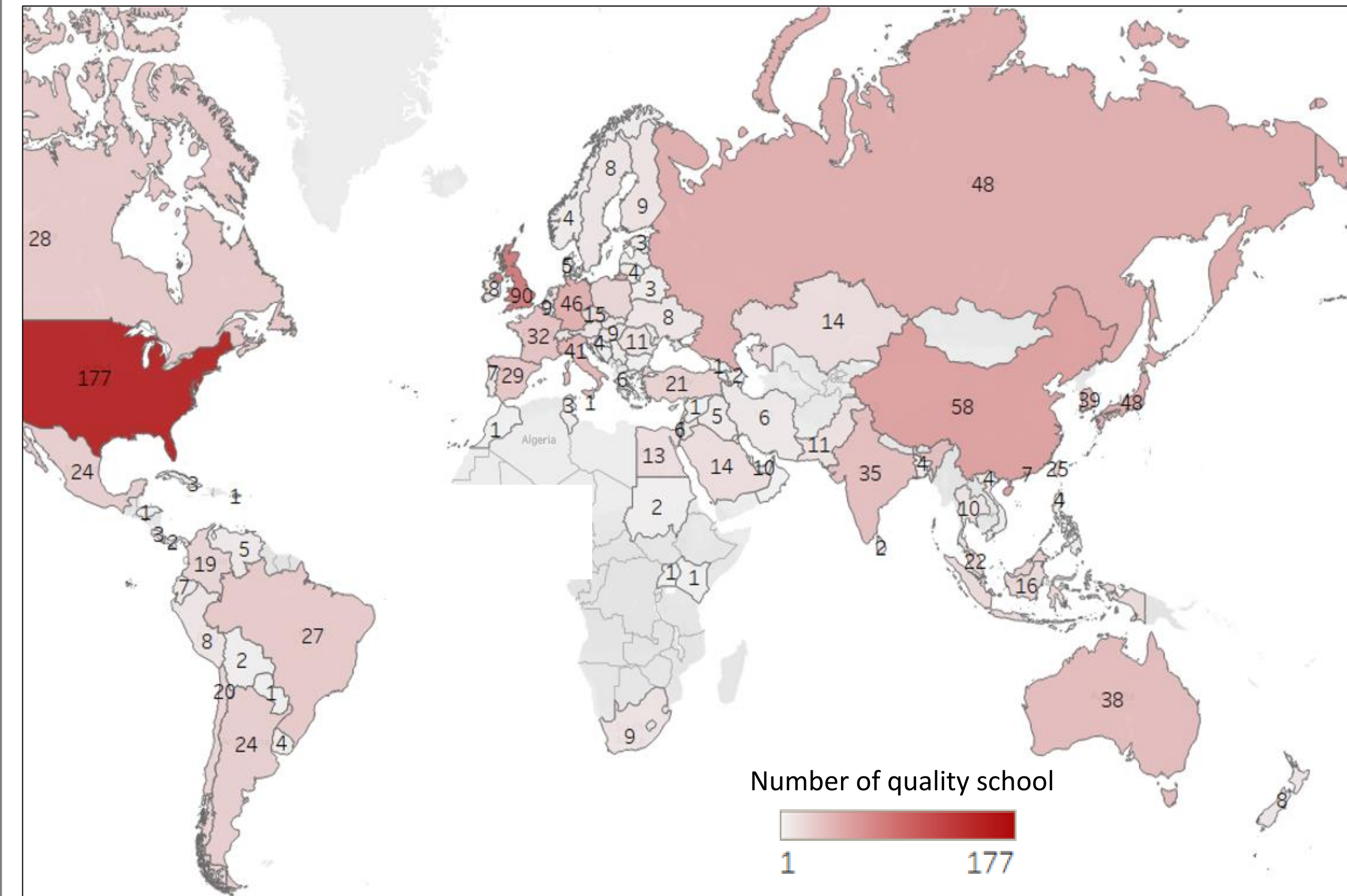
1. Where are quality universities located (by country, continent, and regions in the US)?
2. Do international students and faculty contribute to improve university rankings?
3. Are private universities more highly ranked than public universities?

## DATA COLLECTION

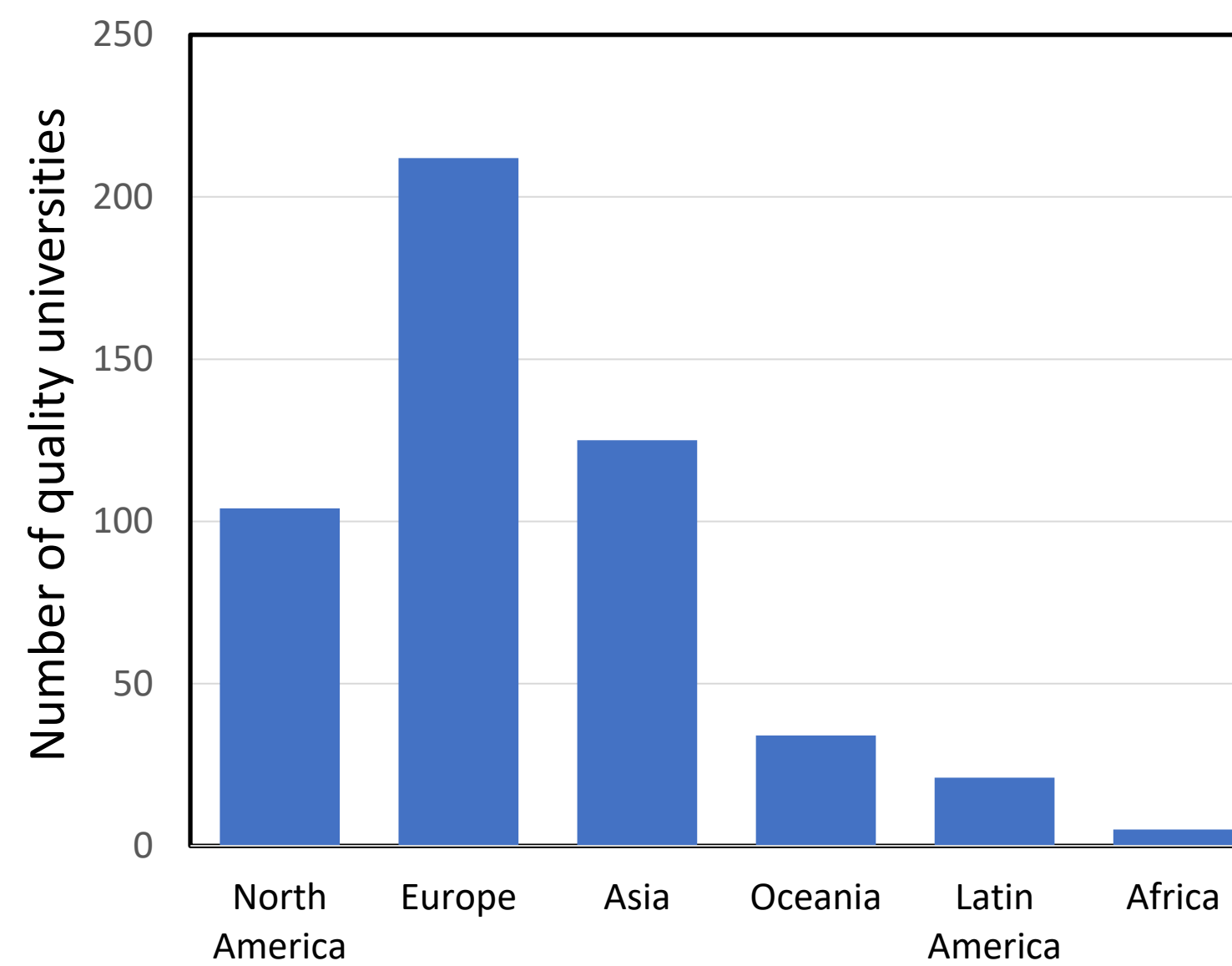
Data on university ranking, country, region, the number of international students and faculties, and type of information of the university were taken from QS World University Ranks in the Kaggle database for the year of 2022. To define **quality universities**, we selected the universities of QS ranking less than 500 out of > 1,000 universities in the QS system.

### Analysis for Question #1

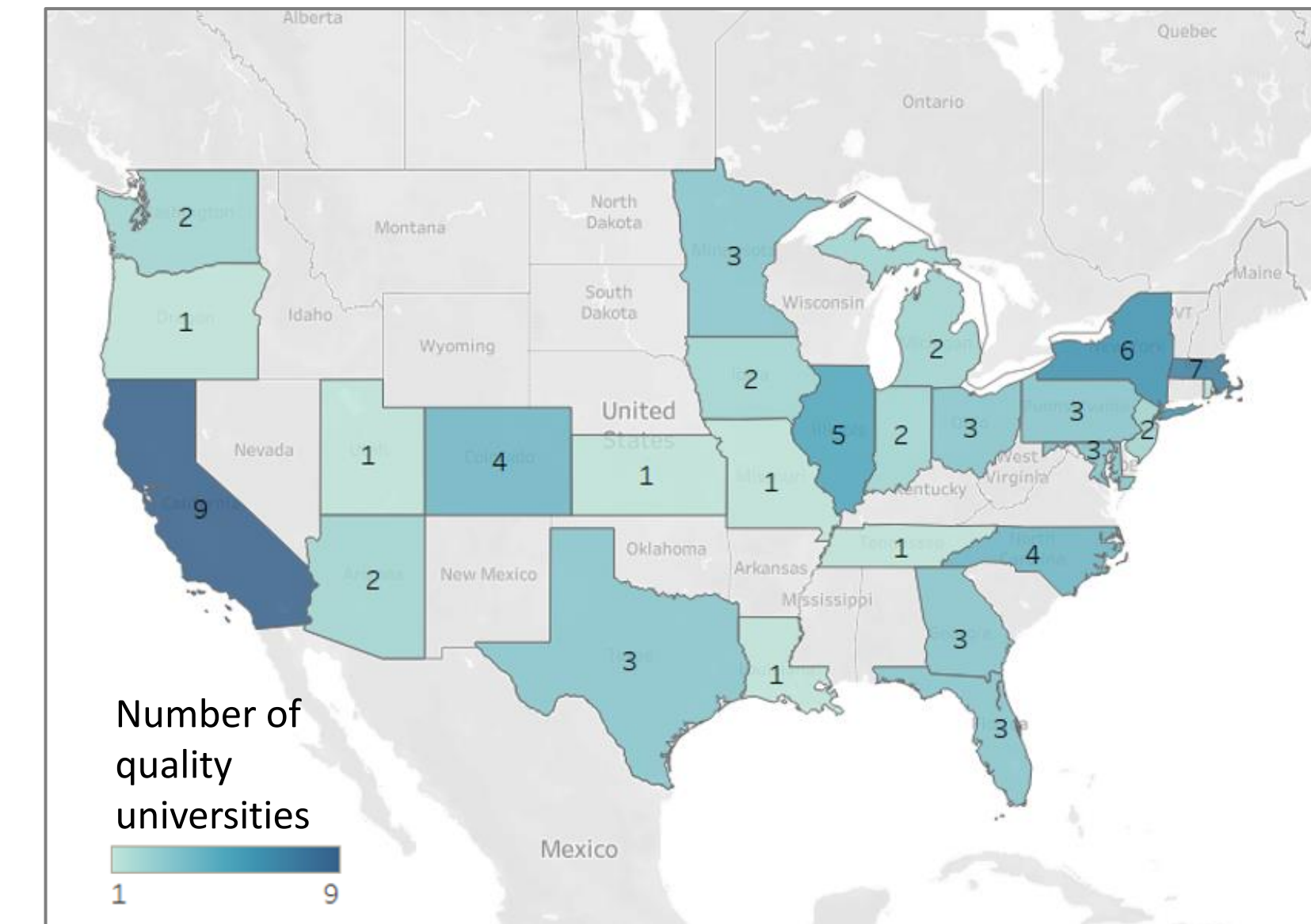
Breakdown by country



Breakdown by continent

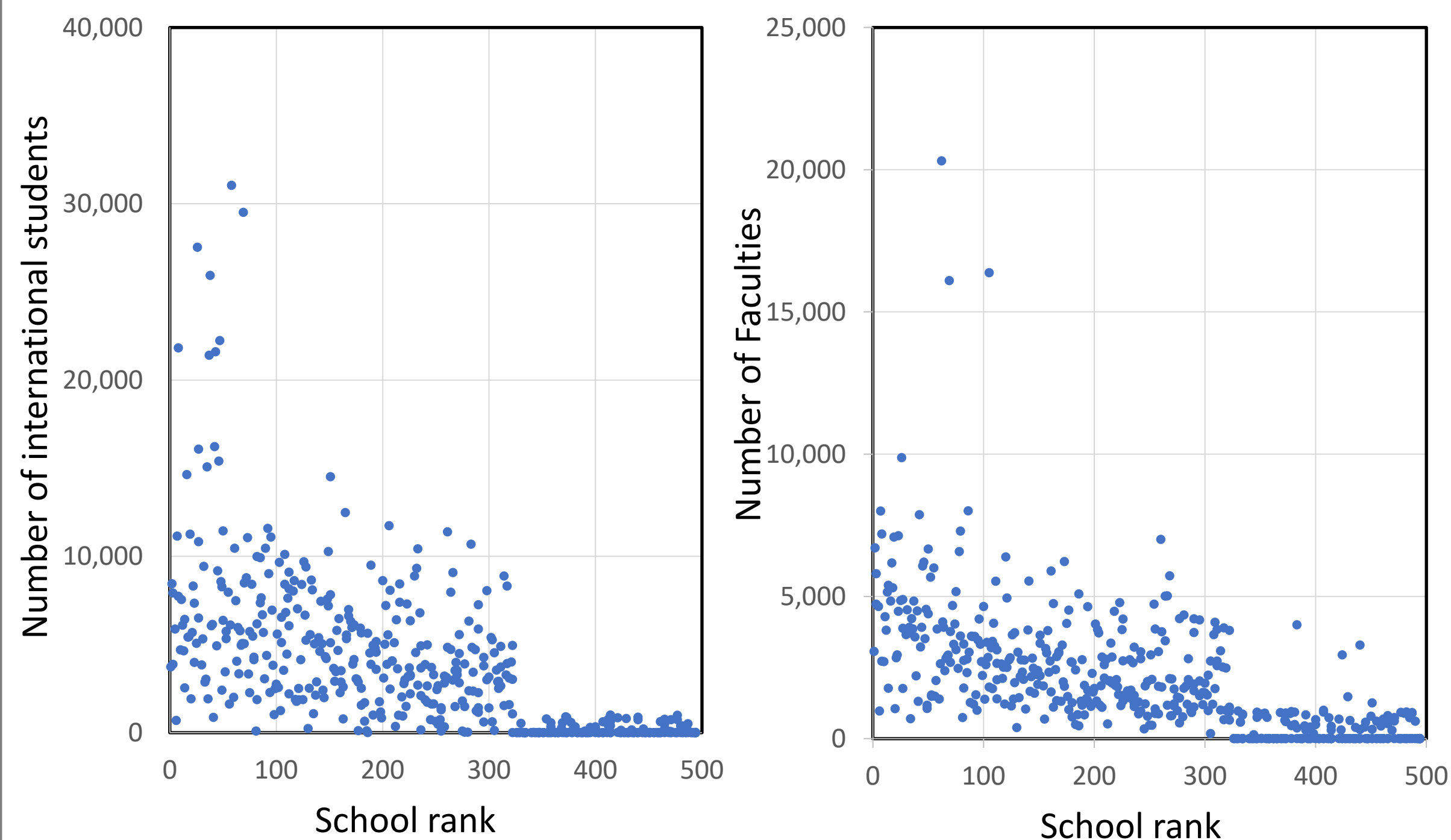


Breakdown by state in the US



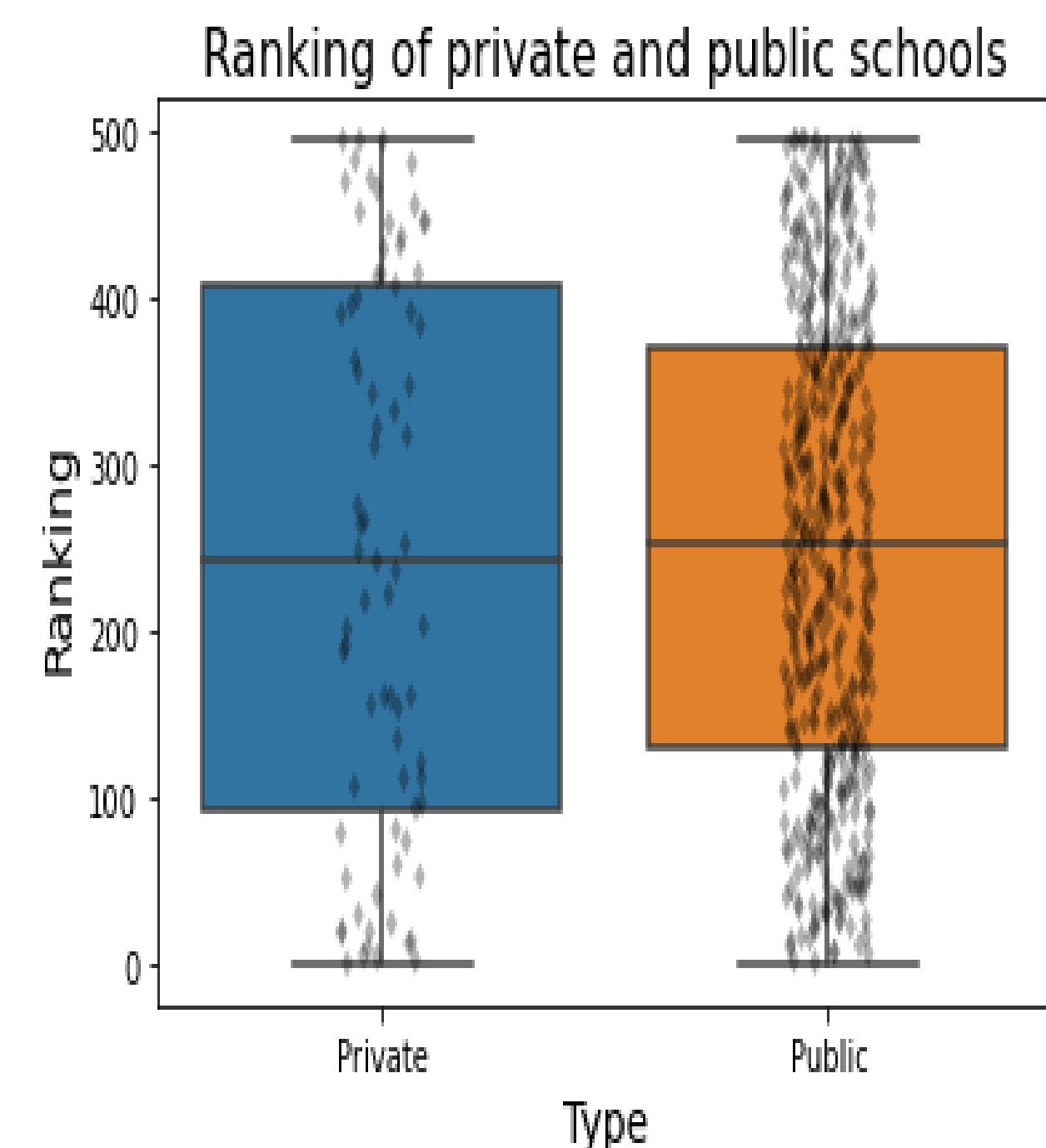
- The countries that have the most quality universities are the United States and the United Kingdom.
- The continents that have the most quality universities are North America, Europe, and Asia.
- The states that have the most quality universities are California, New York and Massachusetts.

### Analysis for Question #2



The higher ranked schools have more international students and faculty members.

### Analysis for Question #3



Median ranking of private universities is slightly higher than public schools, but it is hard to make a conclusion.



## CONCLUSION

1. **Question #1 is answered** as quality universities are concentrated on North America, Europe and Asia, and east coast and west coast in the US.
2. **Question #2 is answered** as top universities (low in rank) have more international students and more faculties.
3. **Question #3 is not yet answered** as it is difficult to make a conclusion whether private universities or public universities are better in ranks.