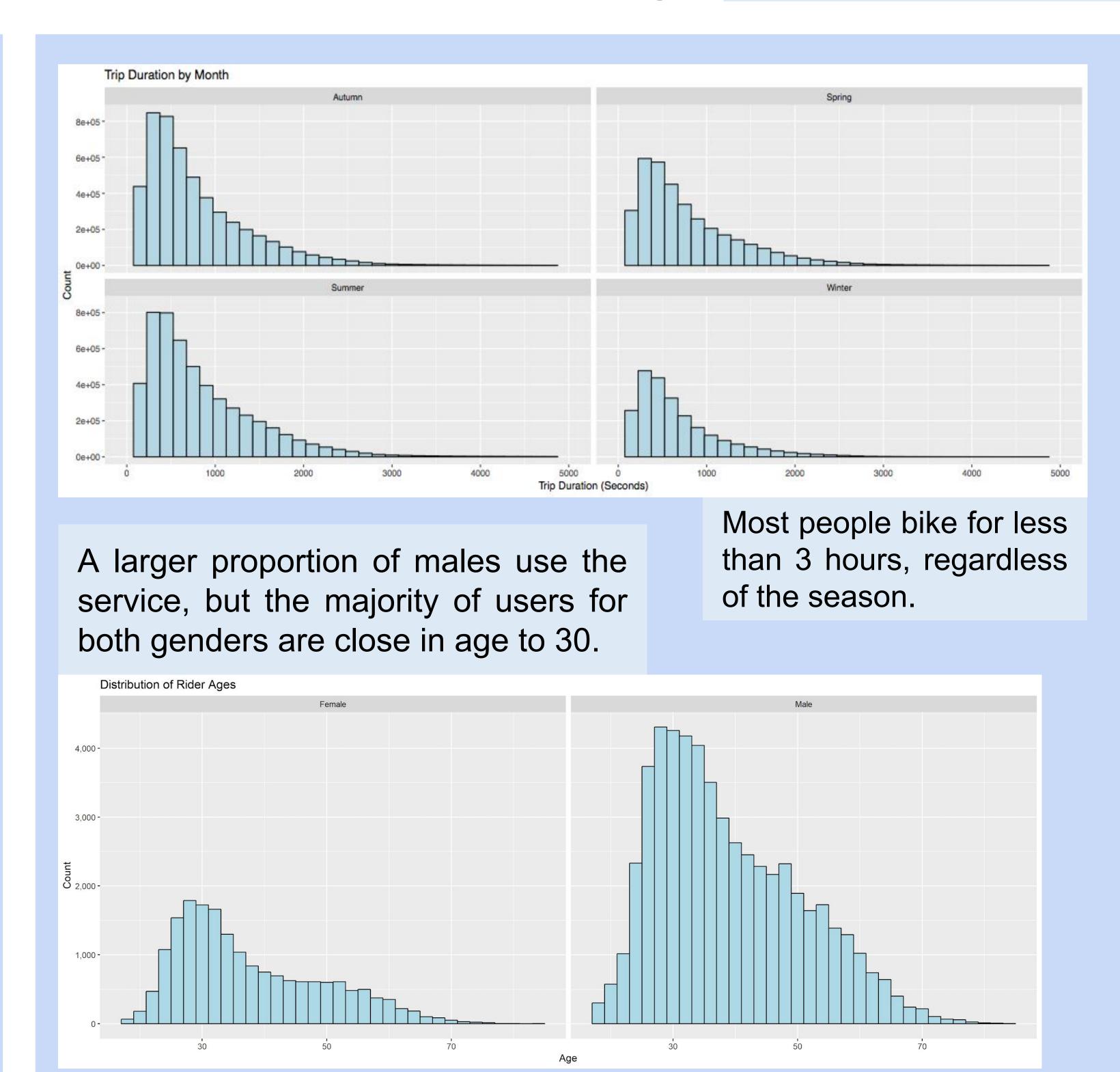
Analysis of CitiBike's 2017 Data

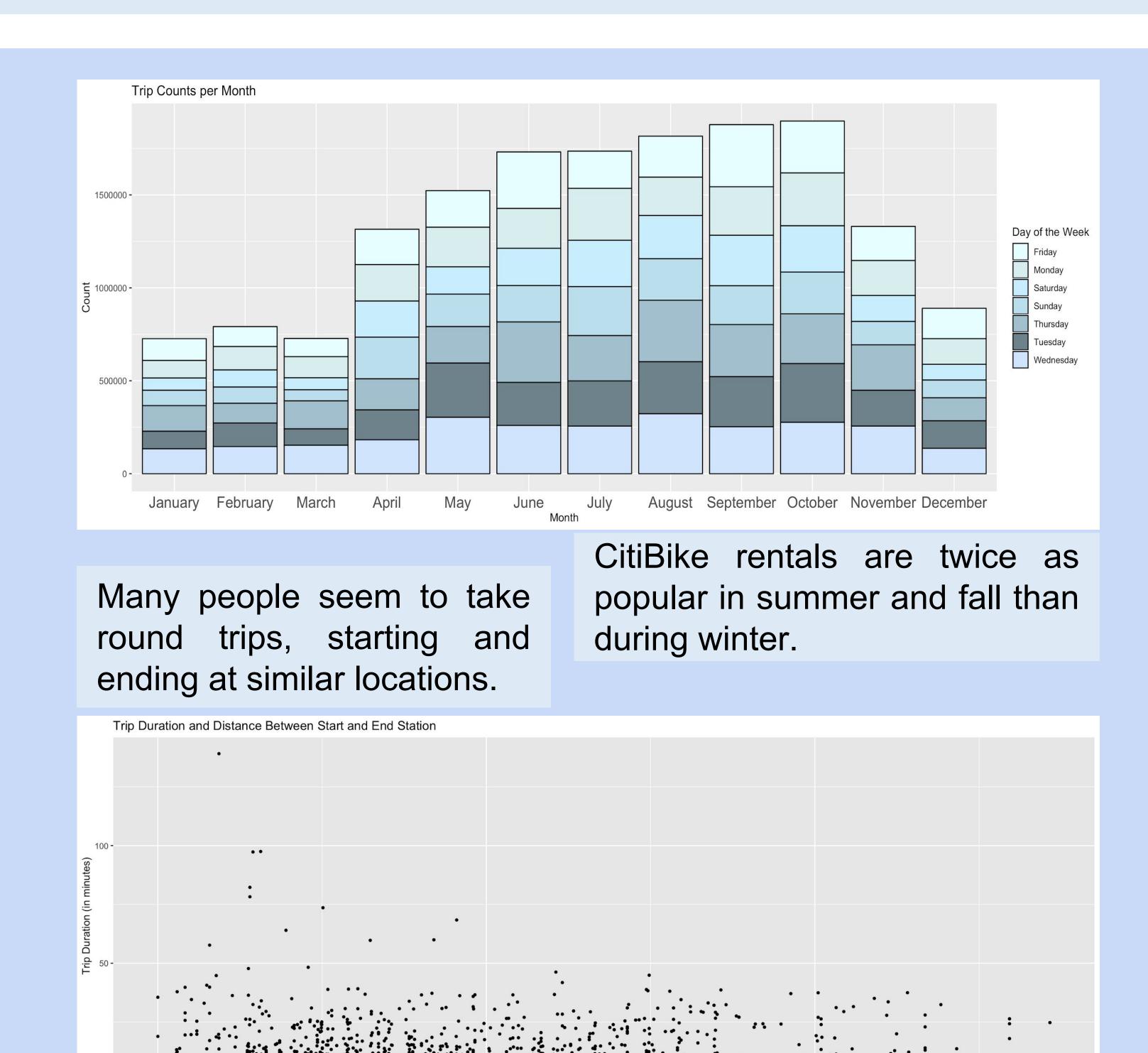
Malaika Handa, Abby Pfingsten, Aiden Shin, Helen Song

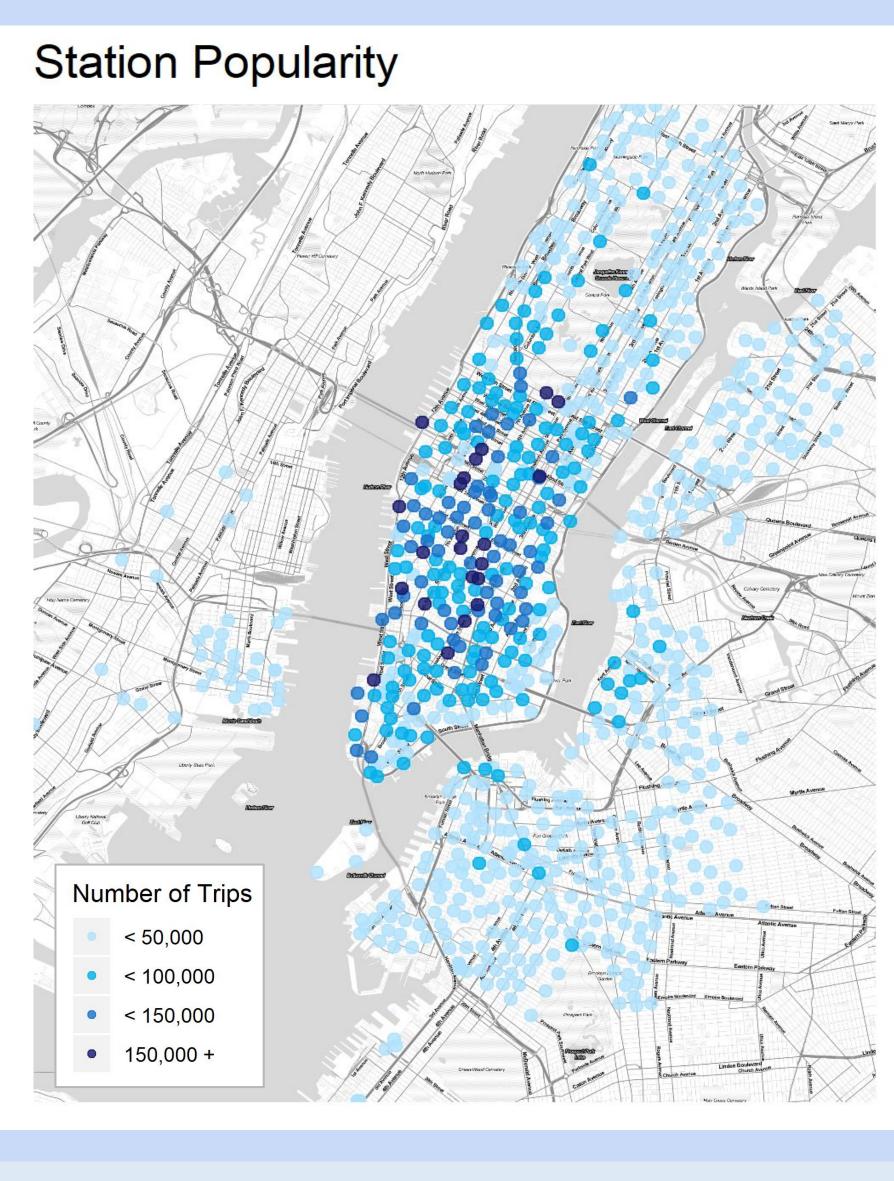
CitiBike lets users borrow a bicycle for a single trip. You can pick up a bike from one of their many locations, and then return it at a different location. We've looked at their data for New York City in 2017. The data includes information about each trip (including its duration, location, and time)) and information about the user (including their gender and birth year).

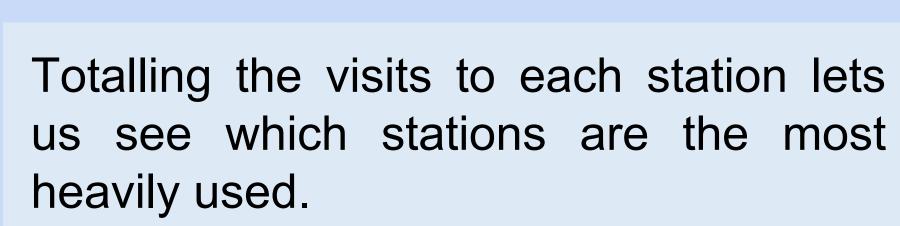
A trip between two stations is the edge of a graph. It is impossible to visualize all 300k trips, so the network shows those between the most used station, and the 20 stations with connected-ness closest to the median.

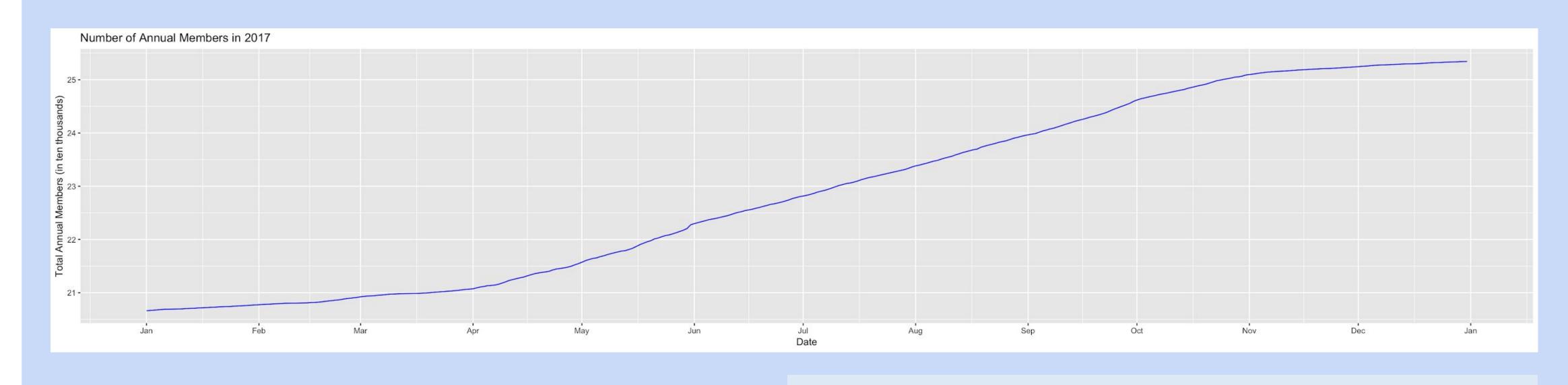












The longest trips occur during the summer. The huge spike in July could be attributed to activities in the city for the Fourth of July.

The number of annual members grow steadily throughout the year, with the most rapid increase in the spring, and slowest during the winter.

