

An aerial photograph of Paris, France, showing a dense urban landscape with numerous buildings, streets, and green spaces. The Eiffel Tower is visible in the distance. The sky is blue with some light clouds.

The Neighborhoods of Paris

<https://fr.wikipedia.org>



Introduction

Paris, the capital of France, is a large and diverse city. As a tourist or as someone moving there you will have to choose where to stay, what to visit or where to live.

The aim of this investigation is to provide a quantitative comparison of the 20 neighborhoods (Arrondissements) of the city of Paris. We compare the neighborhoods according to two metrics:

- whether the neighborhood offers more recreational venues versus entertainment venues and
- whether the restaurants of the neighborhood offer more French versus more International cuisine.

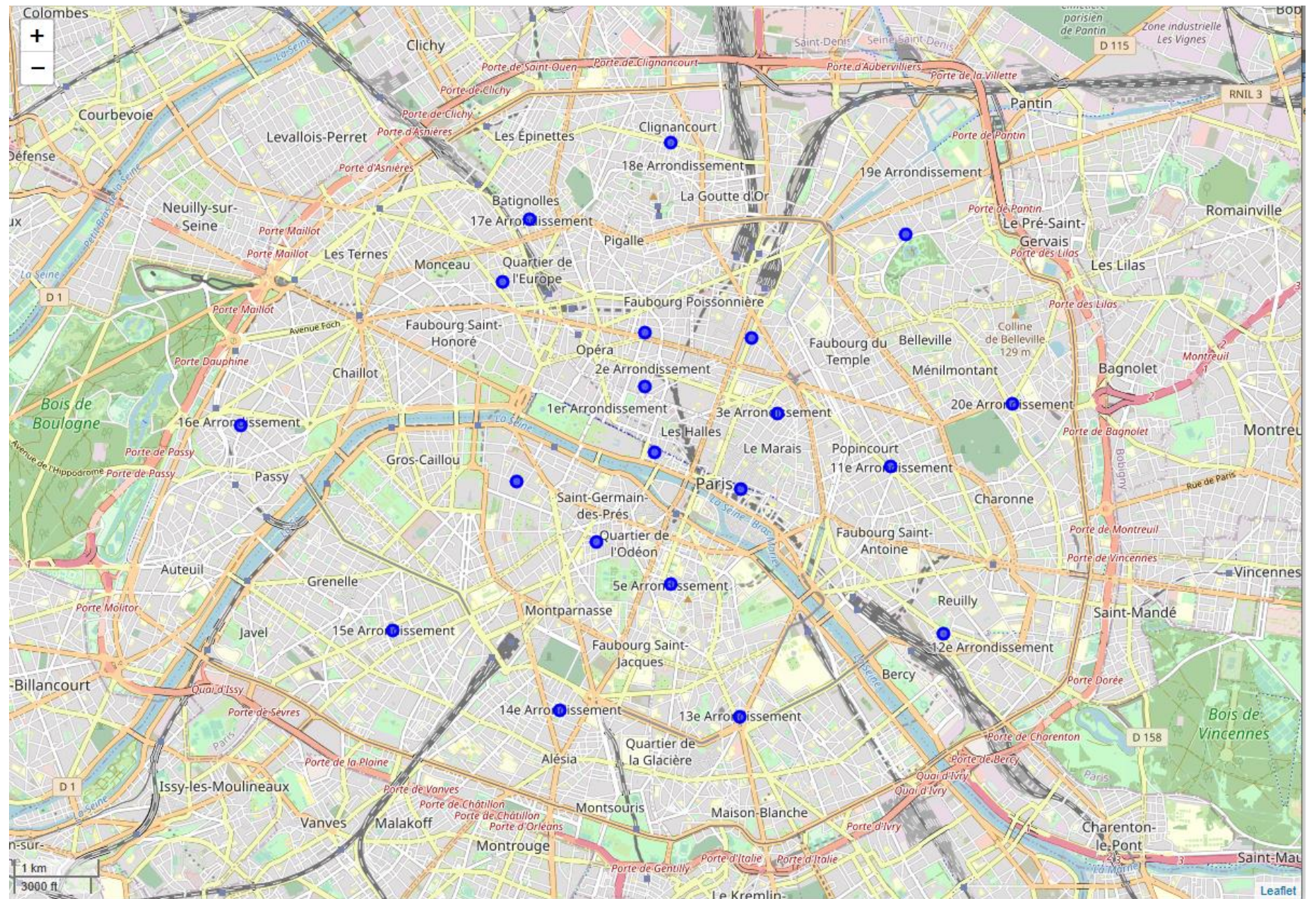


Data

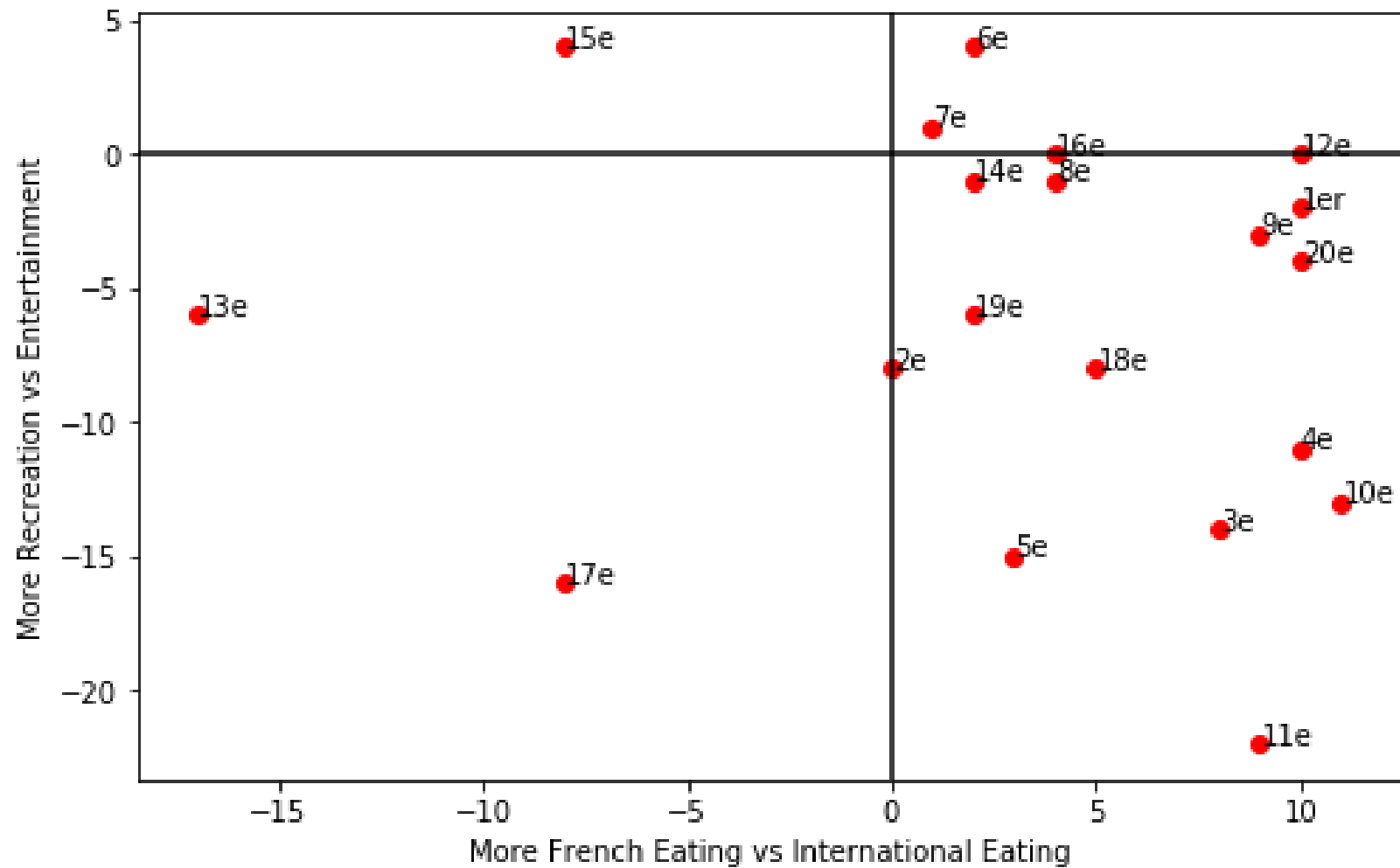
- A names of all the neighborhoods
- The geographical coordinates of the neighborhoods
- For each neighborhood the most common venue categories



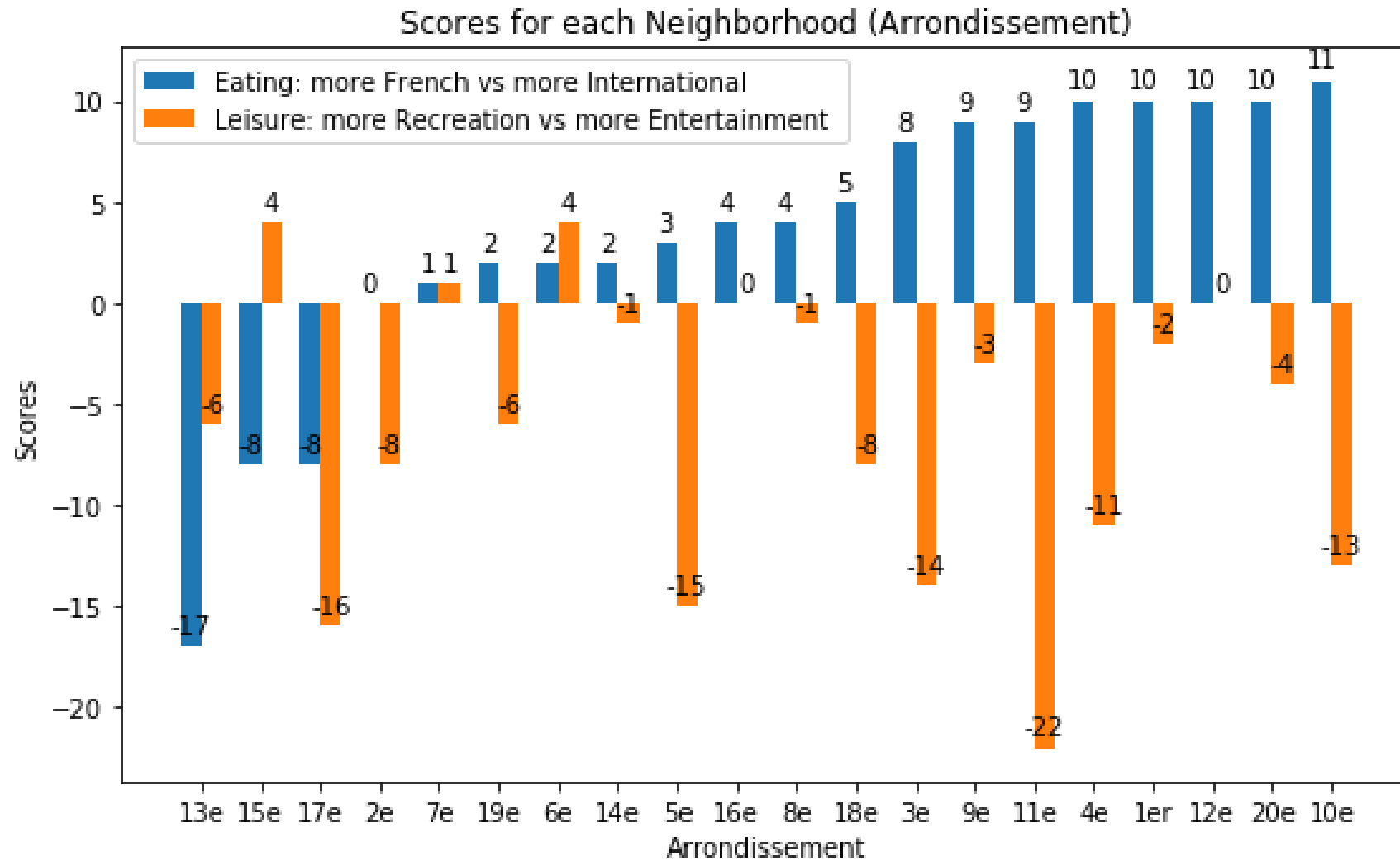
Results



Results - II



Results - III



Conclusions

- By leveraging location data from Wikipedia and the Foursquare API we are able to come up with a quantitative comparison of the 20 neighborhoods of Paris. We compare the neighborhoods according to how common four different types of venues are.
- Our analysis allows to put a dot on a map for every neighborhood illustrating whether the neighborhood's culinary offering is predominantly French or International and whether there are more venues for recreation than entertainment.
- By comparing our findings for some neighborhoods to the Wikipedia description of the neighborhood we could get an initial validation of our approach.

