



Kommune- kampen

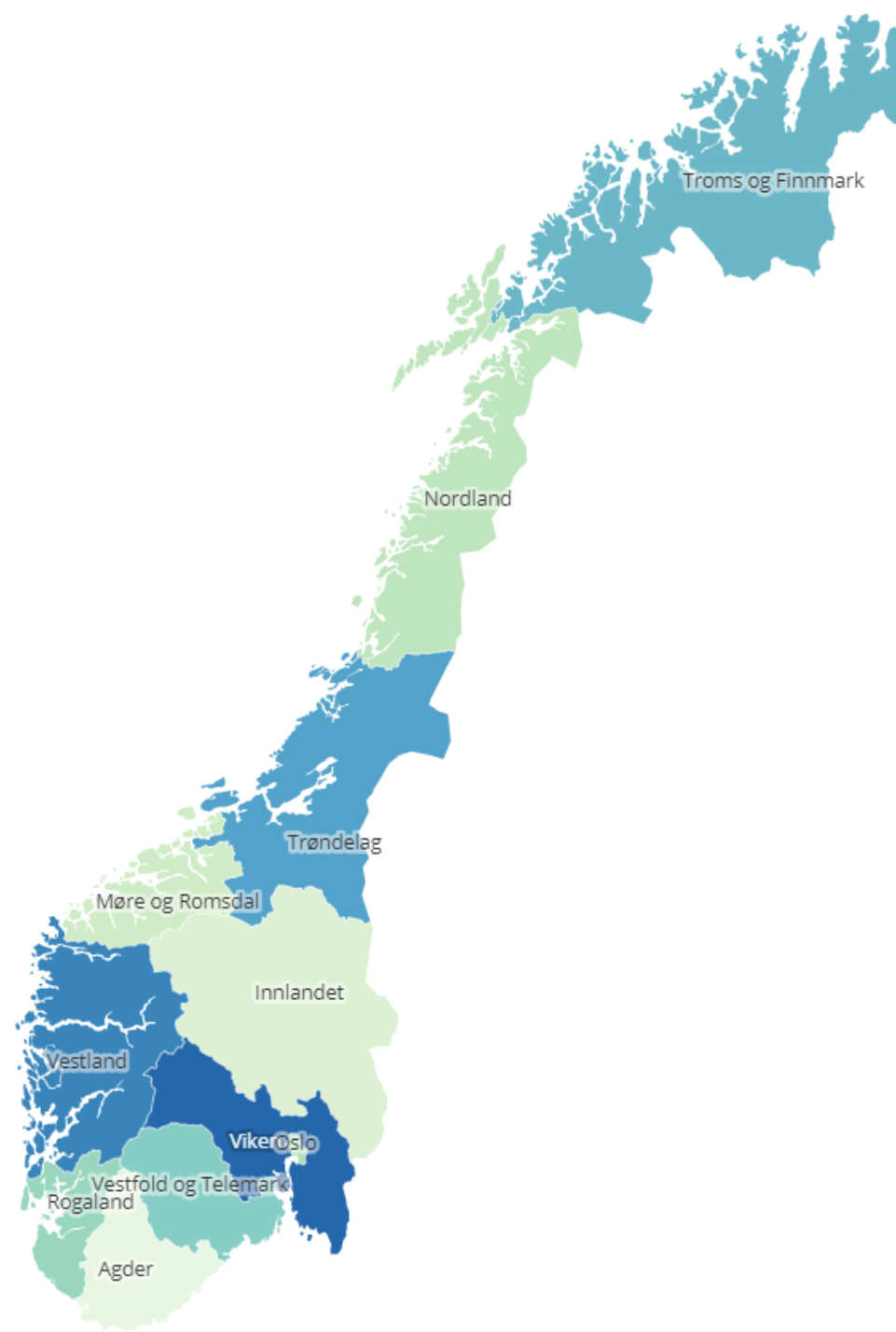
A STUDY OF THE NEW 2020
MUNICIPALITIES OF
NORWAY

Background

On January 1st 2020 the number of counties in Norway was reduced from 19 to 11, while the number of municipalities was reduced from 428 to 354.

With the relatively small population of Norway, the amount of venues in the different municipalities varies a lot.

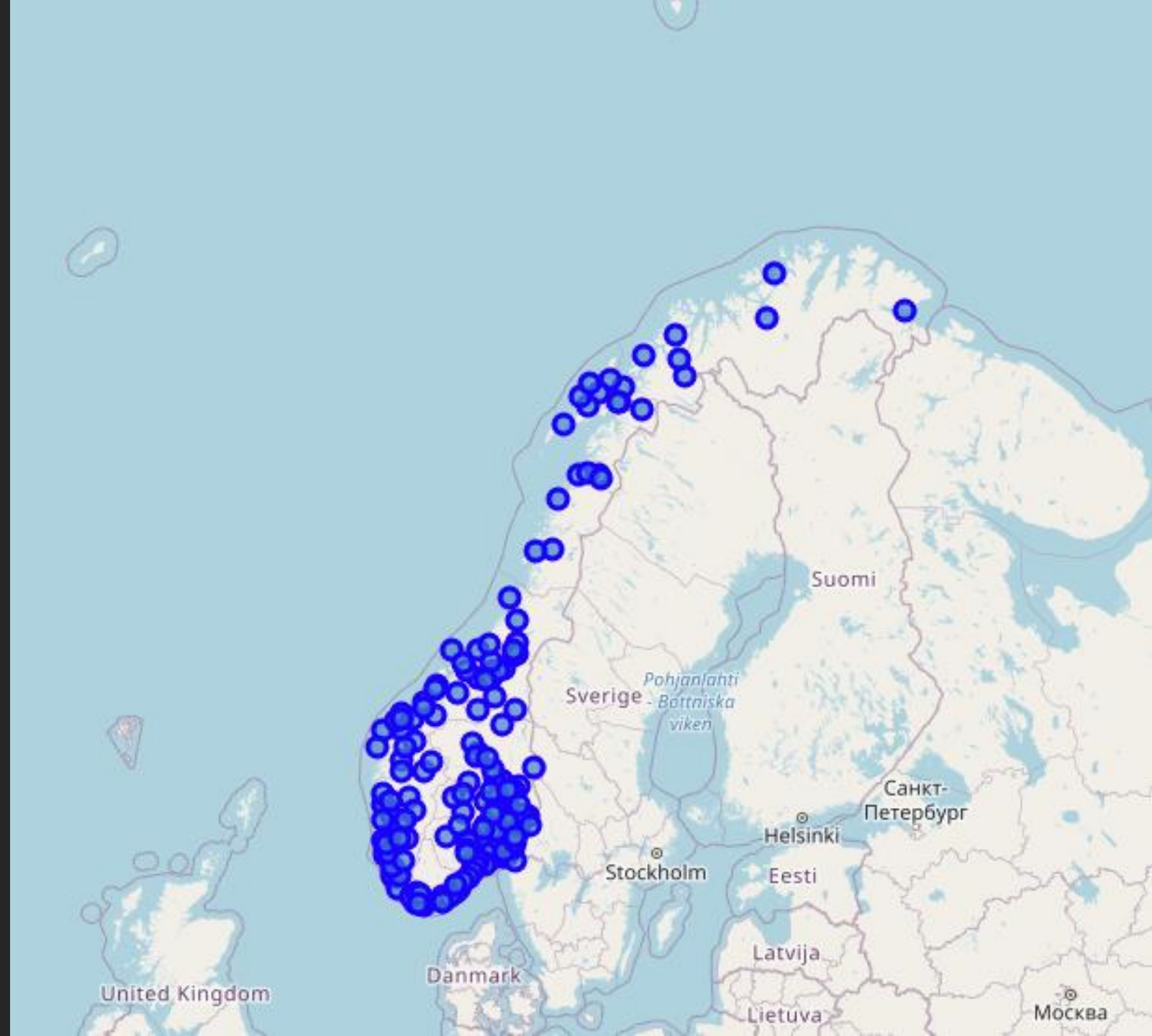
In this project I found and scraped the coordinates and population data of the municipalities of Norway. I used data from Foursquare to compare venues in the municipalities and clustered the municipalities using the venue results.



	Region	Befolkning	Areal	Landareal	Innbyggere per km2 landareal
51	Oslo	693494	454	426	1628
169	Bergen	283929	465	445	638
238	Trondheim	205163	529	496	414
147	Stavanger	143574	263	257	559
20	Bærum	127731	192	189	676

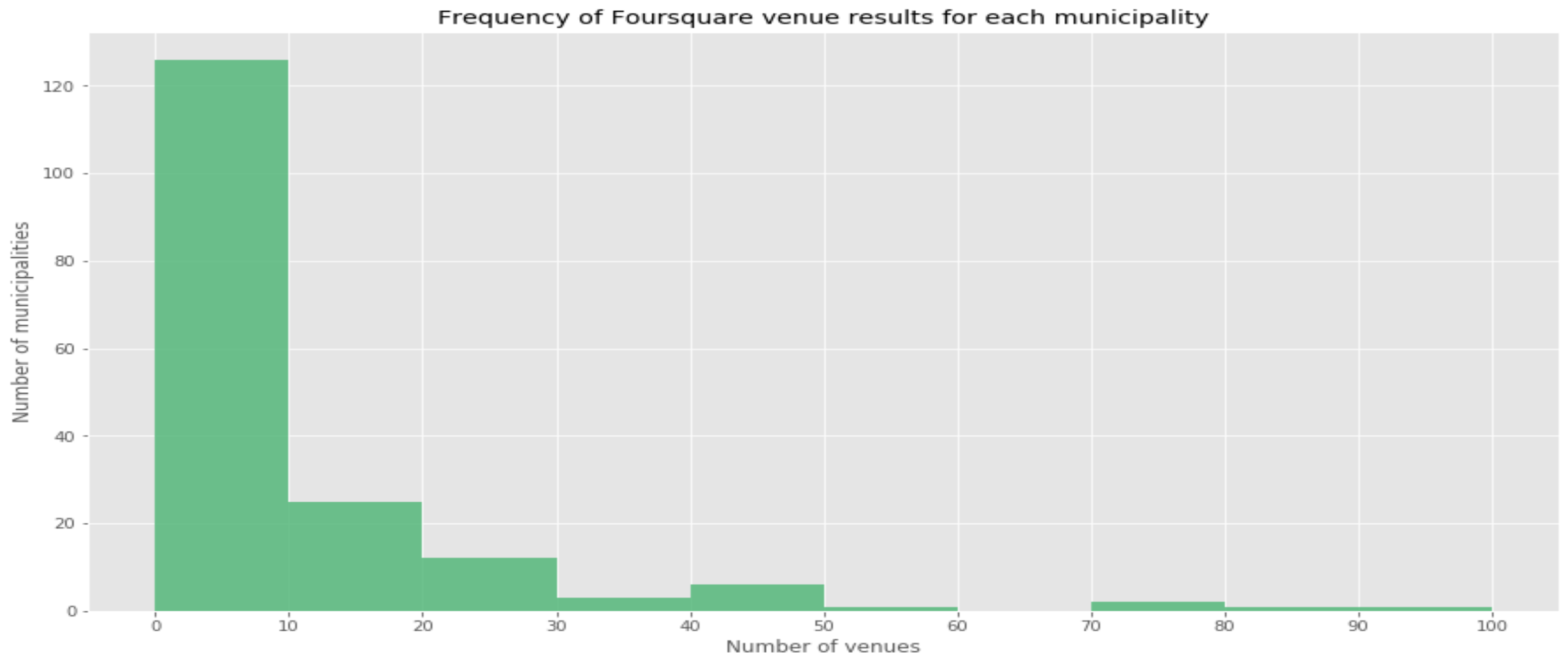
Largest population

Location data



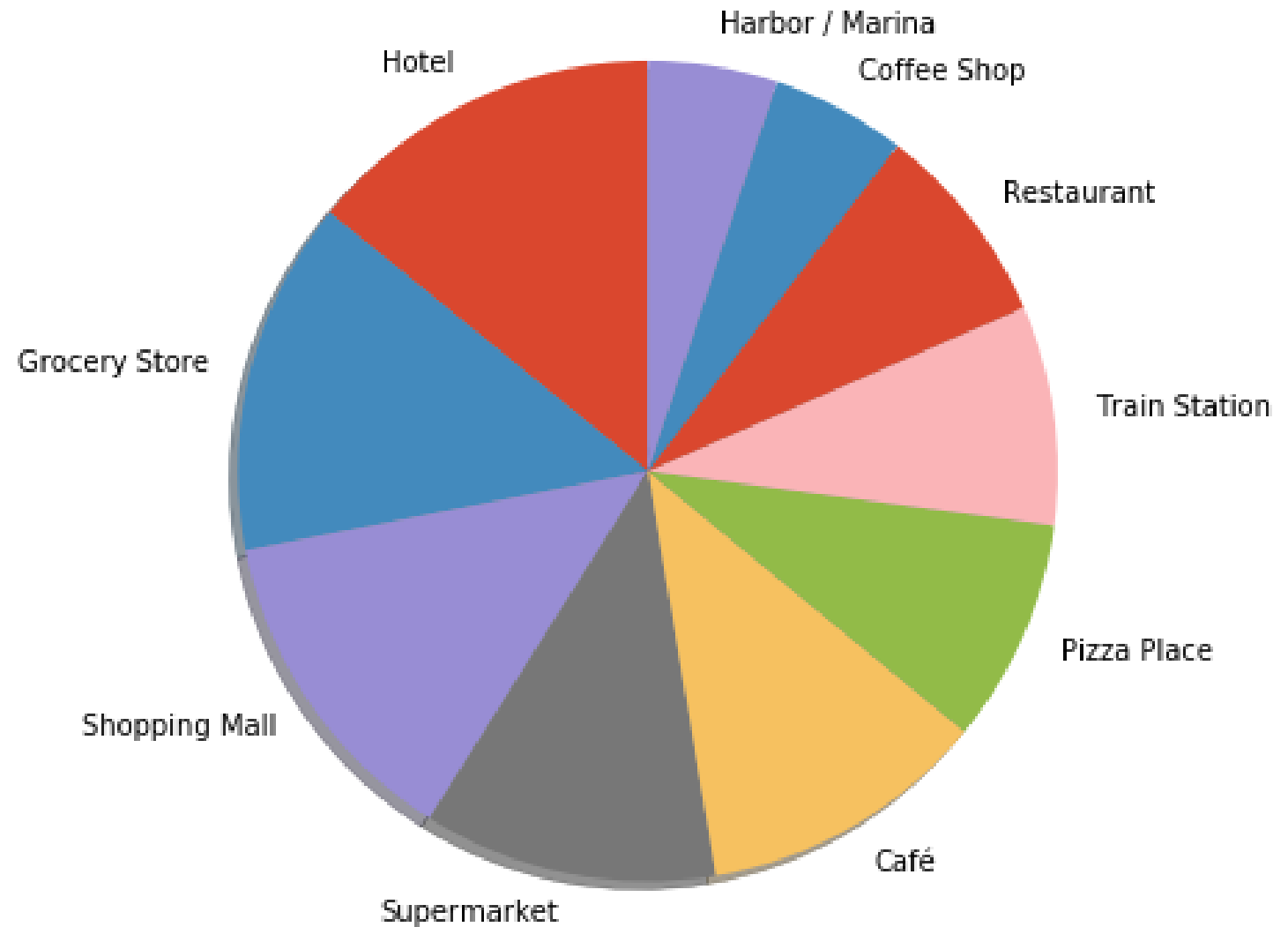
	name	categories	lat	lng
0	Ben & Jerry's	Ice Cream Shop	59.914360	10.737109
1	Stockfleths	Coffee Shop	59.913656	10.741206
2	Det Norske Teatret	Theater	59.915360	10.738657
3	Nordvegan	Vegetarian / Vegan Restaurant	59.915591	10.737863
4	Der Peppern Gror	Indian Restaurant	59.912403	10.735058

Top 5 venues of Oslo

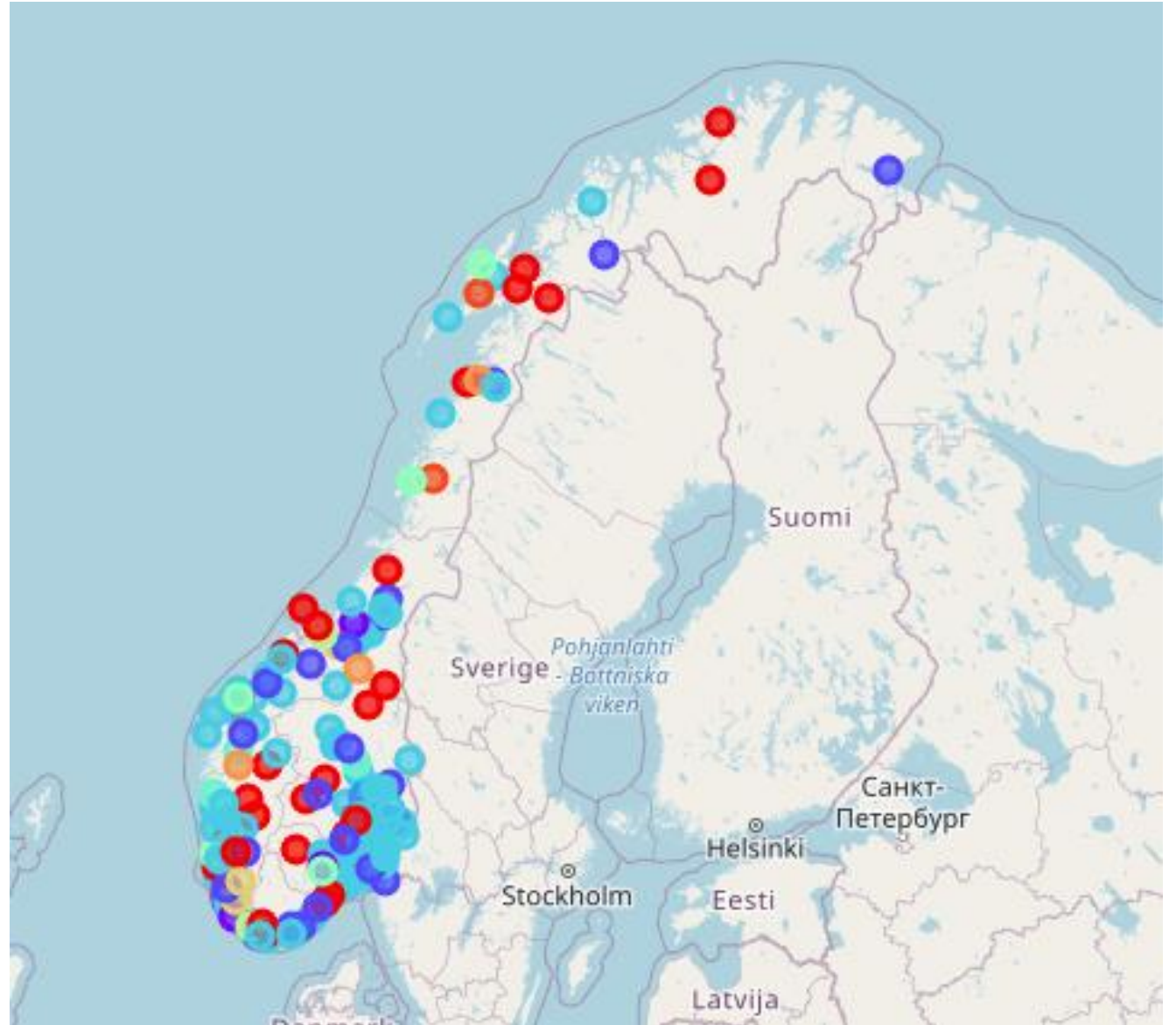


Foursquare venue results

Most common venues in Norway



Clustering based on venues



Average number of venues

