

SCRAPING POPULAR ONLINE COOKING RECIPES TO MEASURE THE IMPACT OF DIET ON MODERN DISEASES AROUND THE WORLD



Over 400 recipes retrieved with a custom scrapbot from *allrecipes.com* and world health data from the WHO

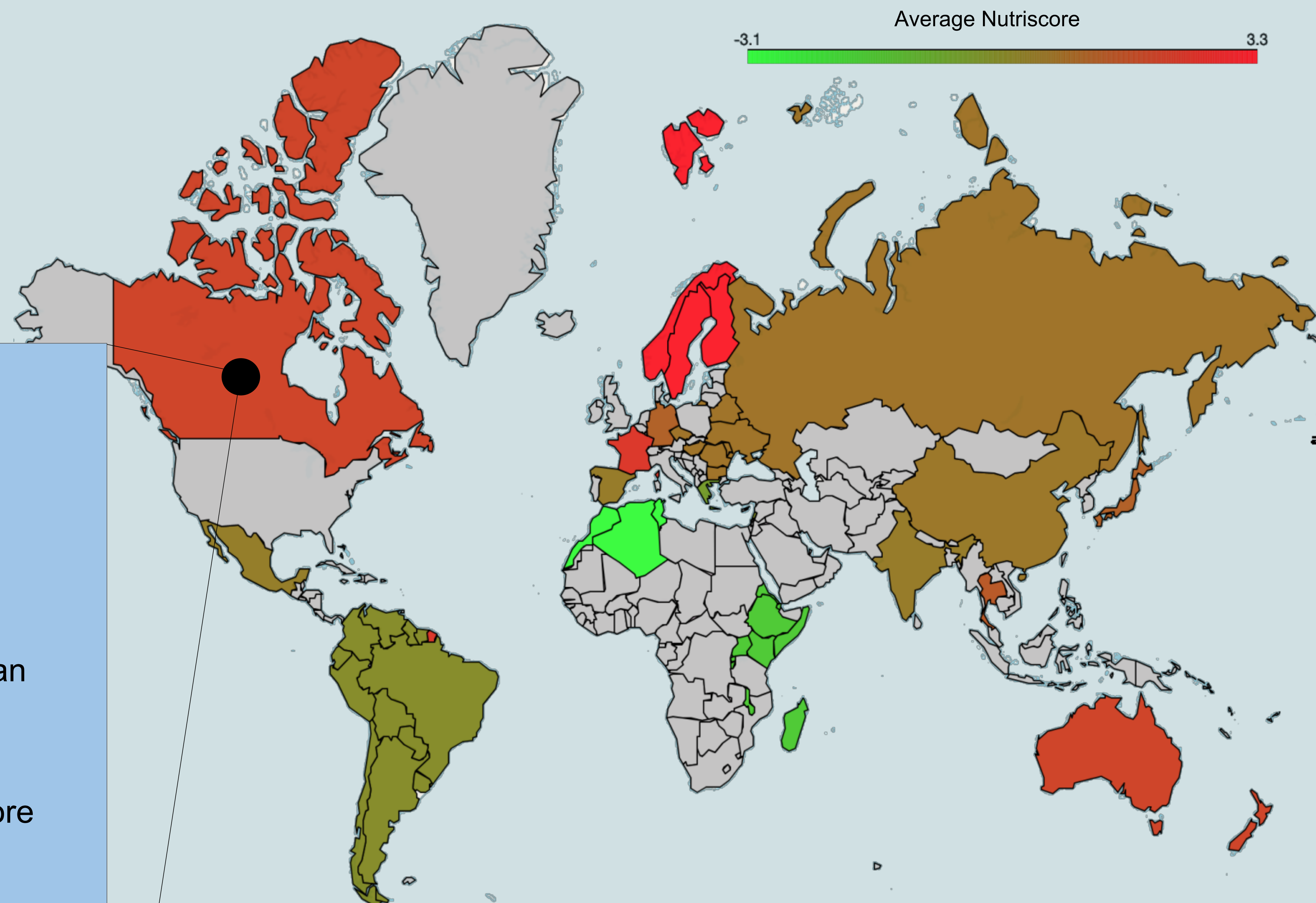
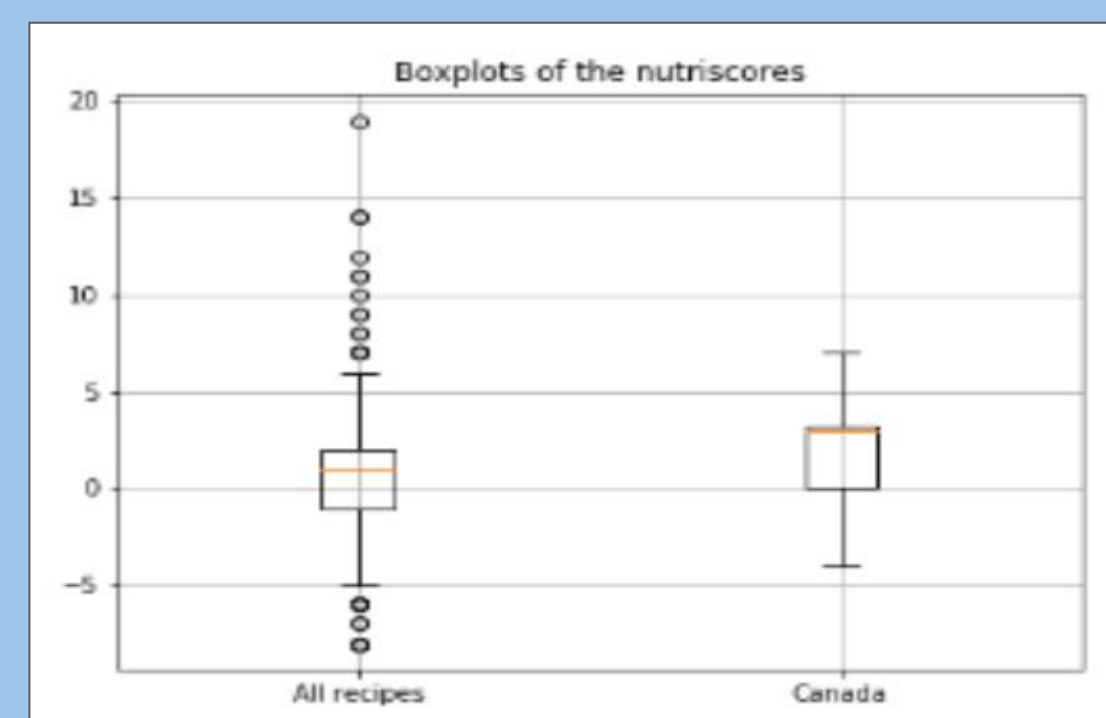


What is Nutriscore?

A health indicator based on calories, percentage of fats, sugars, proteins, vegetable content used to define the nutritious content of a recipe.

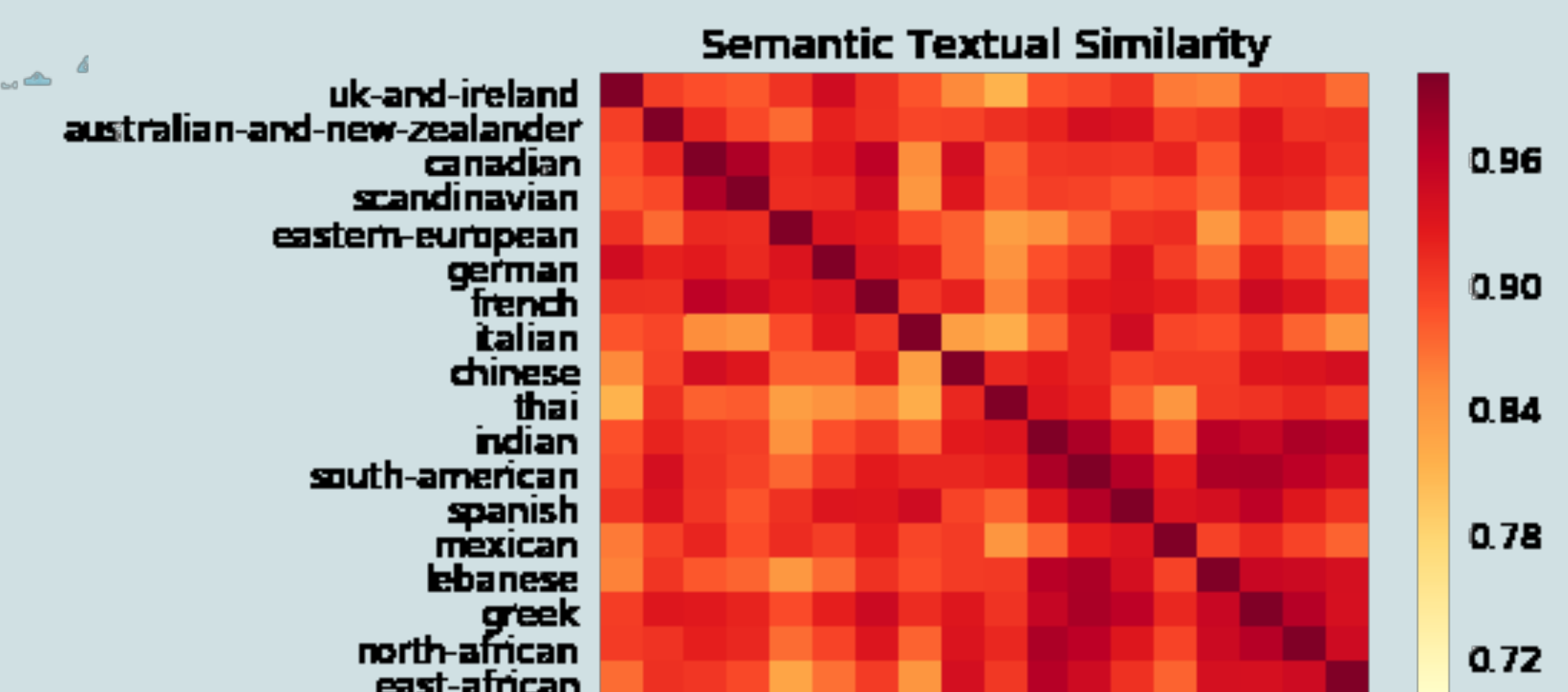
Case study: *Canada*

- High consumption of saturated fat and sugar.
- Nutriscore around the world median but unhealthy trend.
- Socioeconomic study provides more insights.



Similarity map

Several attempts were made to cluster countries' cuisine based on our dataset, the best were yielded measuring the similarity between the ingredient lists (NLP).



Health correlations

Saturated fat and sugar consumption is an indicator of obesity prevalence in some countries.

Conclusion

Other factors like wealth of the country, snack consumption need to be taken into account to draw conclusions about food related diseases in a country (or region).

