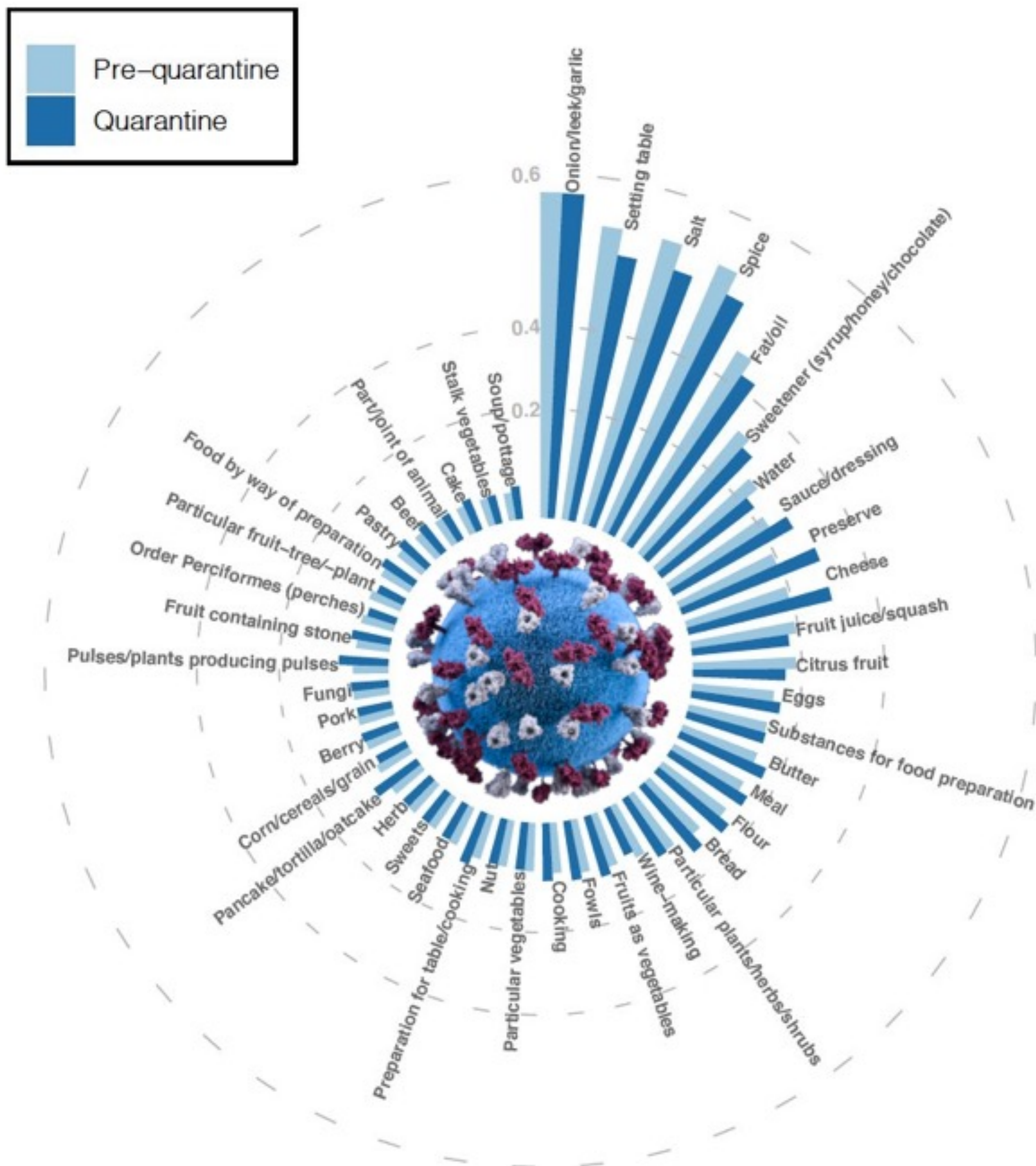


# The COVID-19 Impact on Food Consumption Patterns

Tome Eftimov, Gorjan Popovski, Matej Petković, Barbara Koroušić Seljak, Dragi Kocev  
Jožef Stefan Institute, Jamova cesta 39, 1000 Ljubljana, Slovenia



***The difference between food product consumption before and during the first lockdown of COVID-19 pandemic.***

By analyzing a large corpus of recipes using an information extraction method for extracting ingredients, we discovered interesting eating patterns that change during the COVID-19 pandemic. The users increased relatively the consumption of "Legumes and their fruits", "Pancakes and tortillas", "Soups", "Dough", "Stone fruit", "Cakes" and "Beef" during the first lockdown. On the contrary, the users decreased the consumption of "Perch (red fish)", "Cereals, flakes and seeds", "Viticulture" and for those annotated "Citrus", "Pork", "Water" and "Seafood". Results showed that we had more time during the pandemic to prepare homemade dishes, which are mostly less salted and sweetened than industrial products.

Data source: <https://doi.org/10.1016/j.tifs.2020.08.017>

COVID-19 pandemic changes the food consumption patterns that will further case other health issues.