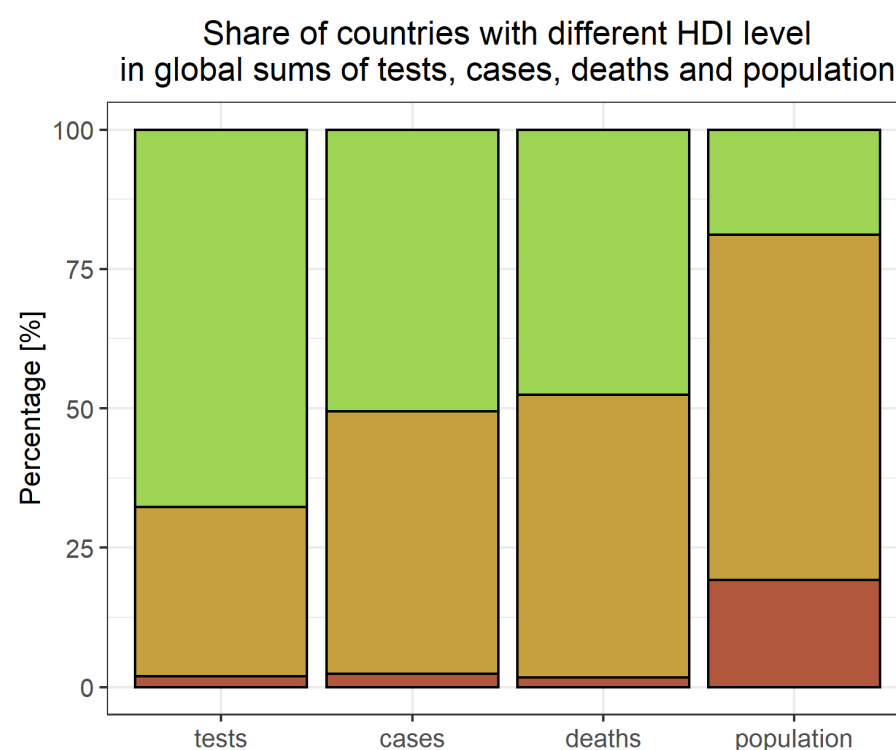


HEALTH'S IMPACT ON COVID-19

INTRODUCTION

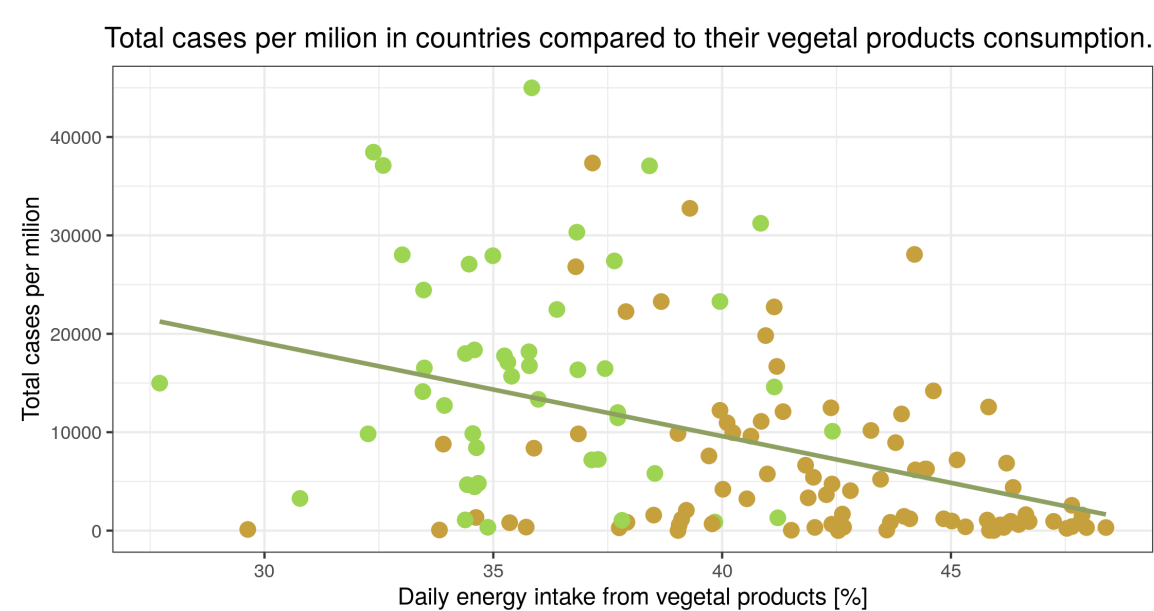
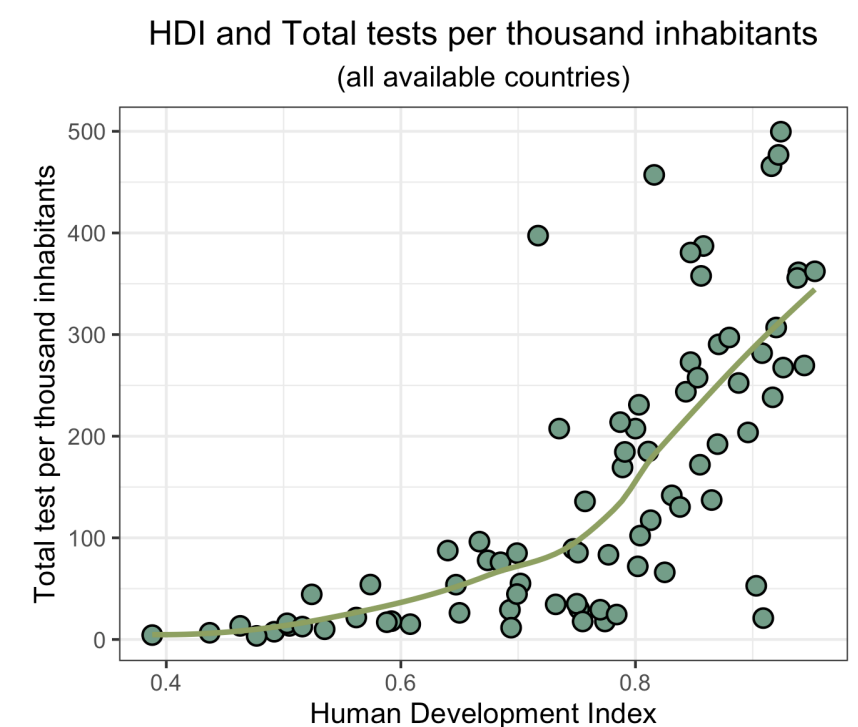


Immunity of people depends on their diet, habits and environment that they live in. We decided to check if there is correlation between such factors and epidemic outbreak. Having same level of testing for coronavirus between countries is important for drawing conclusions from correlations. Unfortunately there is lack of total tests per thousand inhabitants for many countries. Thus we decided to divide countries according to HDI index. We also excluded countries with low HDI as they have only 2% of all tests and 19% of total population.

countries with low HDI (below 0.6)

countries with medium HDI (between 0.6 and 0.8)

countries with high HDI (above 0.8)



VEGETAL PRODUCTS

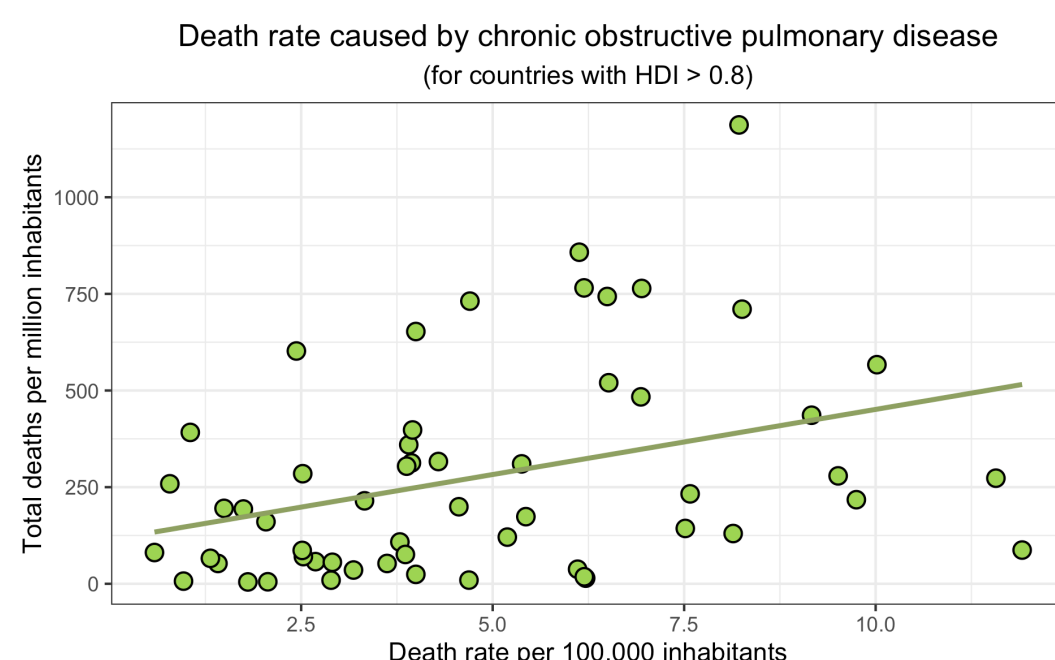
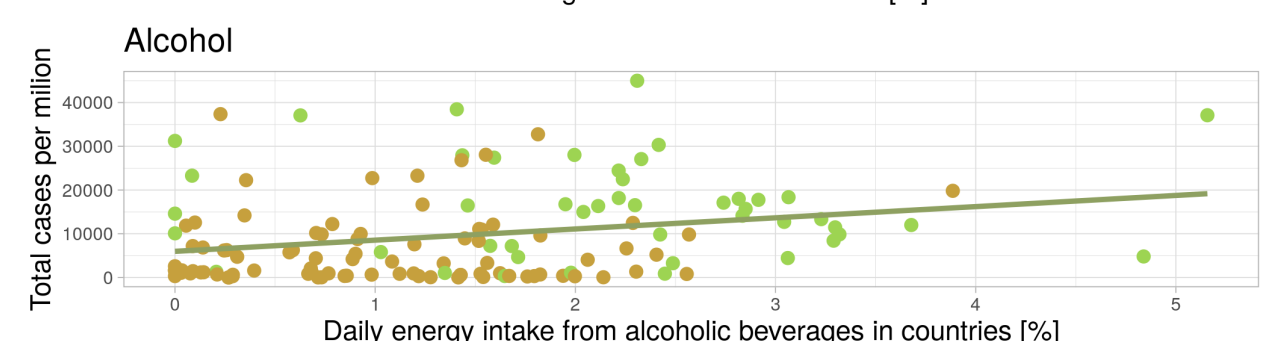
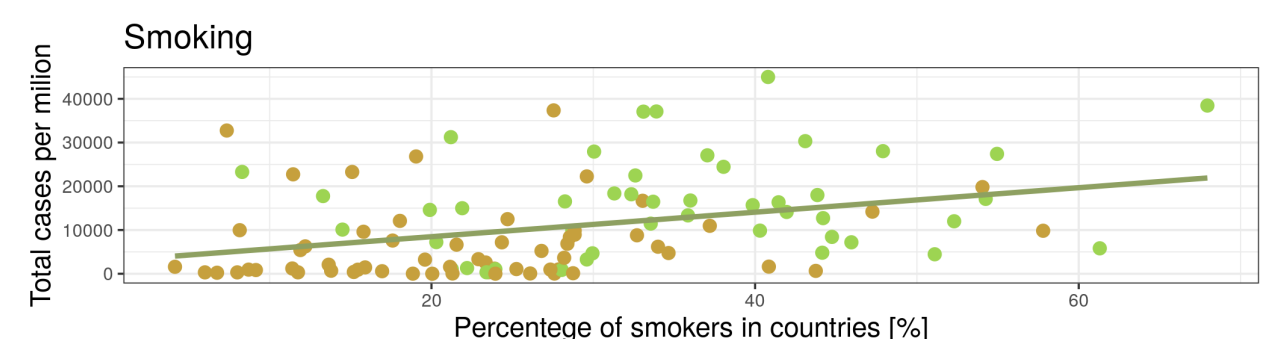


Eating vegetal products is key to stay healthy. They have minerals and vitamins that strengthen our immunity. Societies which eat more vegetal products tend to have less COVID cases (it's particularly visible at countries with medium HDI).



SMOKING AND ALCOHOL

Smoking and alcohol have a negative impact on our health. They make us more prone to various types of diseases which weaken our bodies. Countries, in which cigarettes and alcohol are more common, have more cases of Covid-19 per million inhabitants. Data points in smoking chart are average of percentage of female and male smokers.



PULMONARY DISEASES



Air pollution contributes to increased death rate caused by respiratory disorders. One of them is chronic obstructive pulmonary disease. For countries with higher HDI (>0.8) death rate caused by such a disorder is correlated with total Covid-19 deaths per million inhabitants.

DISEASES DATA: WHO.INT/DATA

COUNTRIES DATA: OURWORLDINDATA.ORG/CORONAVIRUS

DIET DATA: FAO.ORG/FAOSTAT/EN/#DATA

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