

2019 County Health Rankings Analysis

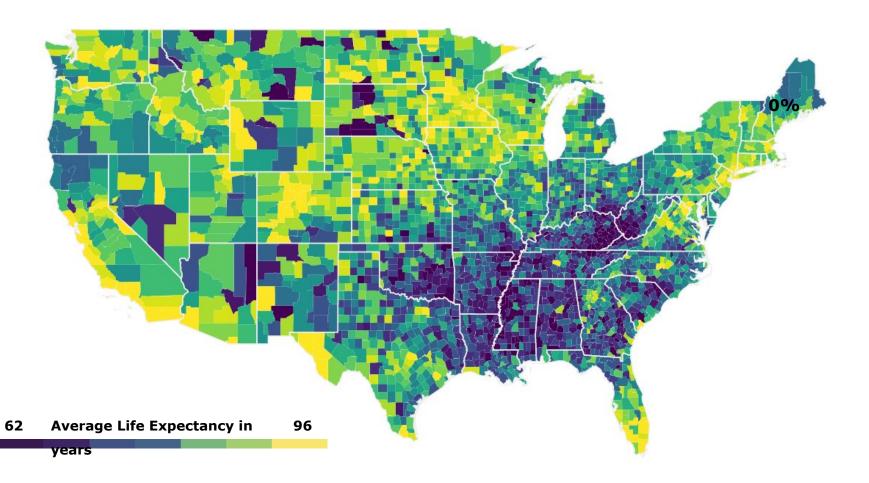
Shuyu Wu & Marc Inizan

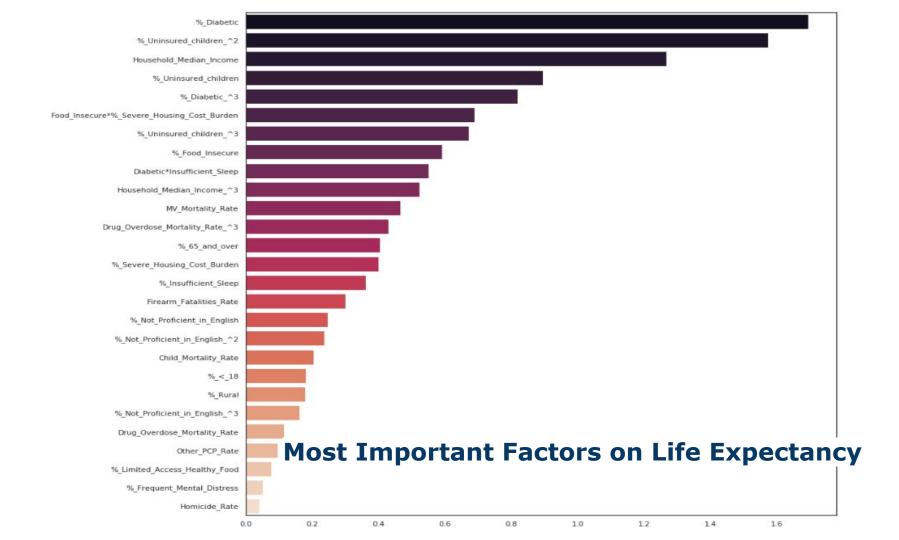
Perspective and problems

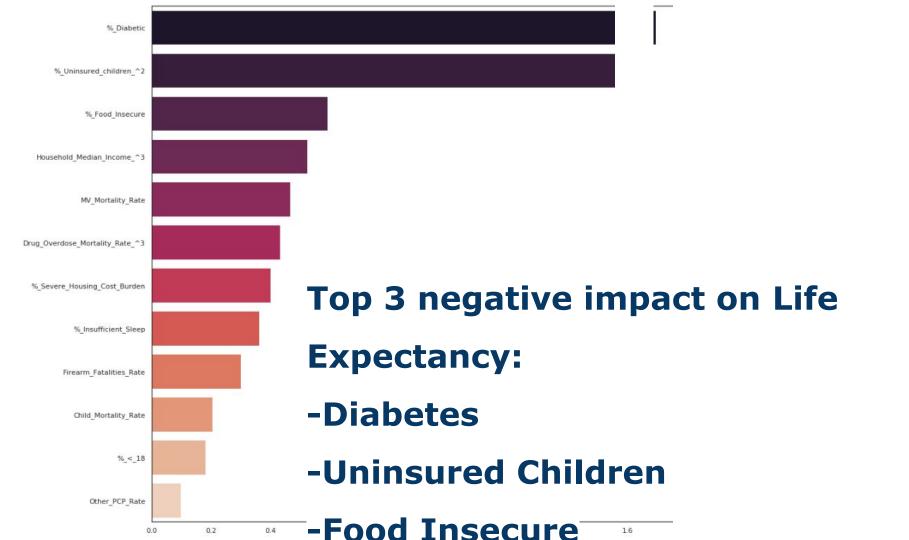


Perspective: A third party consultancy company

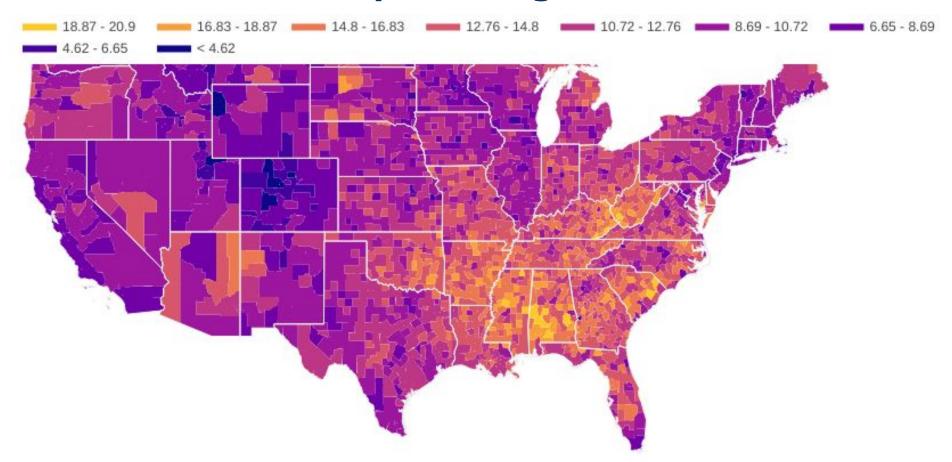
Life Expectancy Heatmap

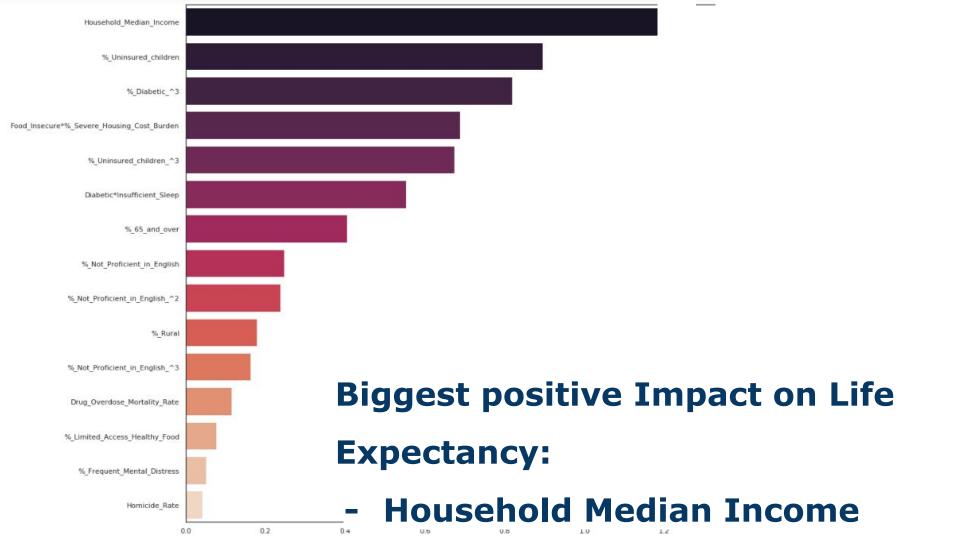




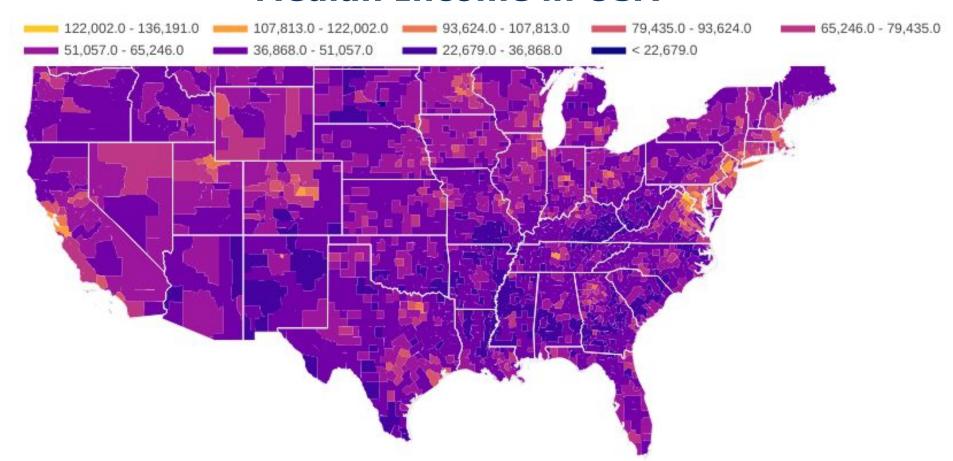


Diabetic percentage in USA





Median Income in USA



Solutions







Food Security

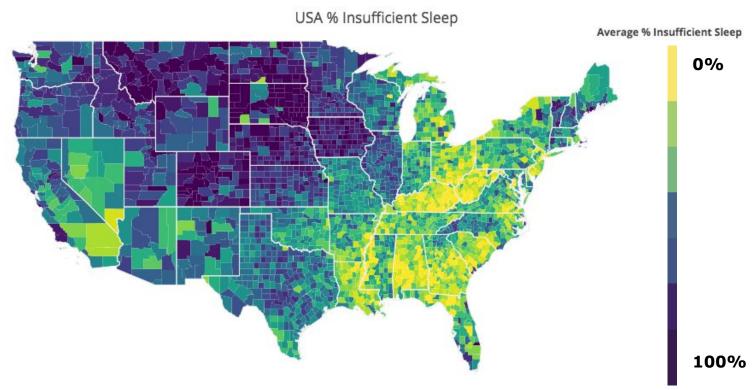
- Improve the access to -Healthy Foods
- Campaign against fast food

Household Income Children Insurance

- wage
- Create higher paid jobs in certain areas
- Reduce taxes for poor people

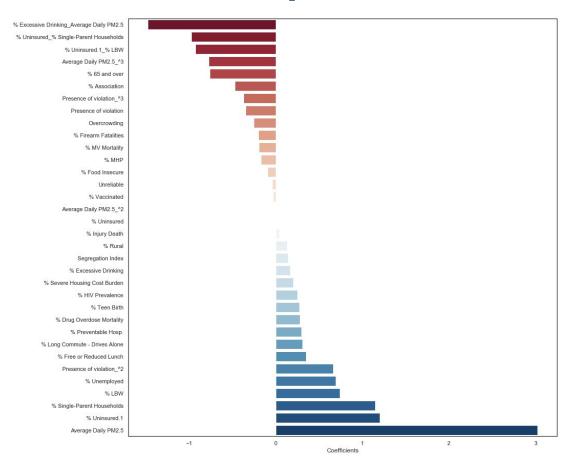
Increase minimum - Make sure families are insured

Insufficient Sleep Rate Heatmap



North-east has higher insufficient sleep rate than South-west

How does it impact insufficient sleep rate



Top 3 factors:

+Air quality (PM2.5)

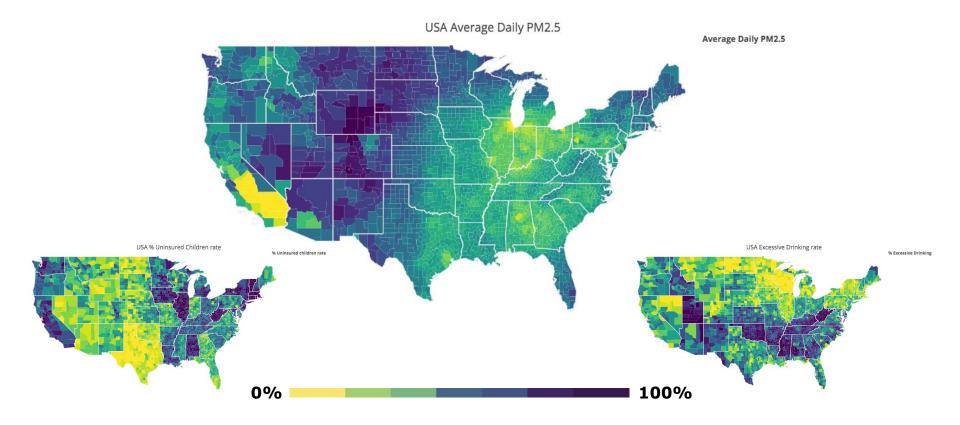
-% Excessive Drinking and Air quality (PM 2.5)

+% Uninsured Children

Model:

Elastic Net Regression with Cross Validation of 10, L1 norm ratio =0.5

How does it impact insufficient sleep rate



Solutions



Improve air quality

- Clean energy resource-
 - More plants
 - Indoor Air filter



Drink moderately

A bit of alcohol could help with sleep



Children Insurance

 Make sure your family insured

