

The background is a dark blue field decorated with an abstract pattern of small squares and thin vertical lines. The squares are in three colors: teal, orange, and pink. Some squares are solid, while others are hollow. The vertical lines are thin and white, extending across the frame. The overall aesthetic is modern and minimalist.

THE SCIENCE OF HAPPINESS

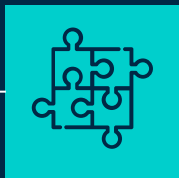
W200 Final Project Proposal
Whit Blodgett

The Data

- Column Remapping
- Merging of years
- Reducing size
- CSVs > API
- Process w BigQuery



Questions/Hypotheses



01

Productivity

There is a positive relationship between national productivity and happiness.



02

Family, Life Expectancy, Freedom, Trust

There is a positive relationship between these 4 variables and happiness.

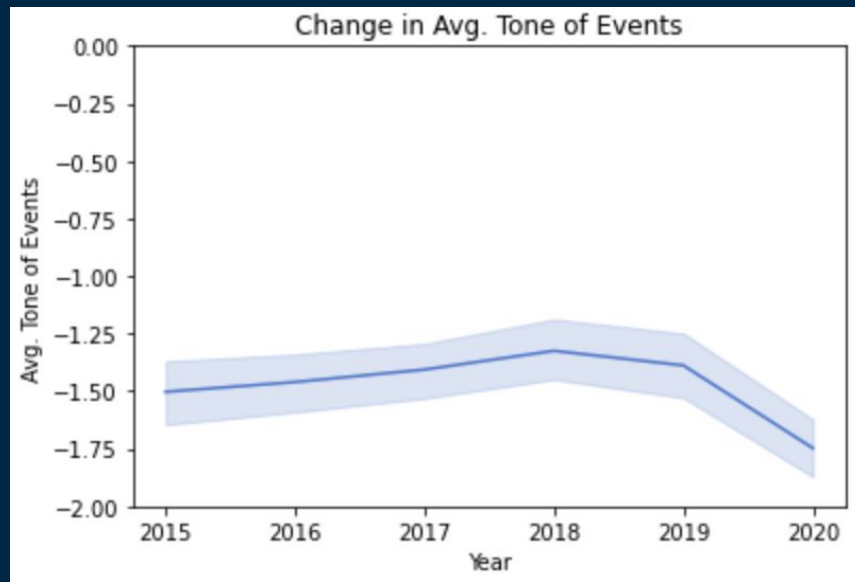
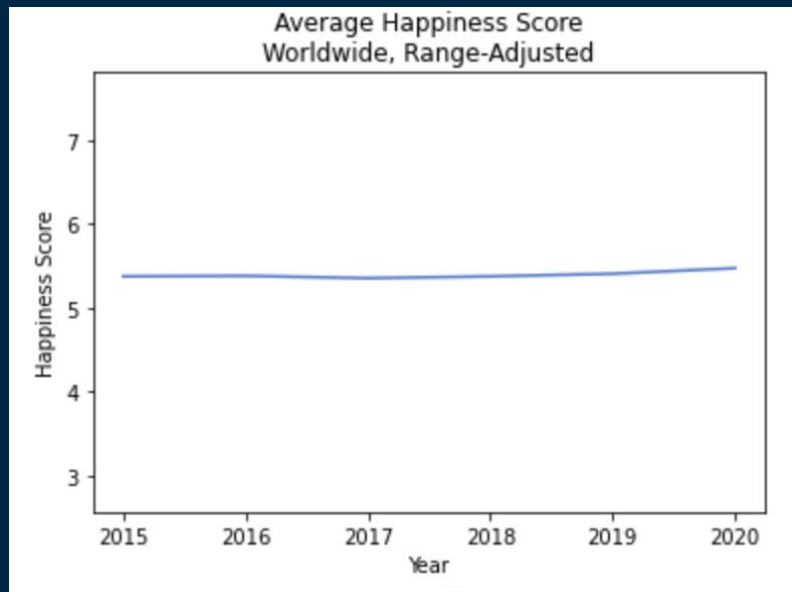


03

Bad News

There is a negative relationship between bad news in a country and happiness.

The Data



Productivity

Hypothesis: There is a positive relationship between national productivity and happiness.

01

Regional overview of correlation between GDP per capita and happiness

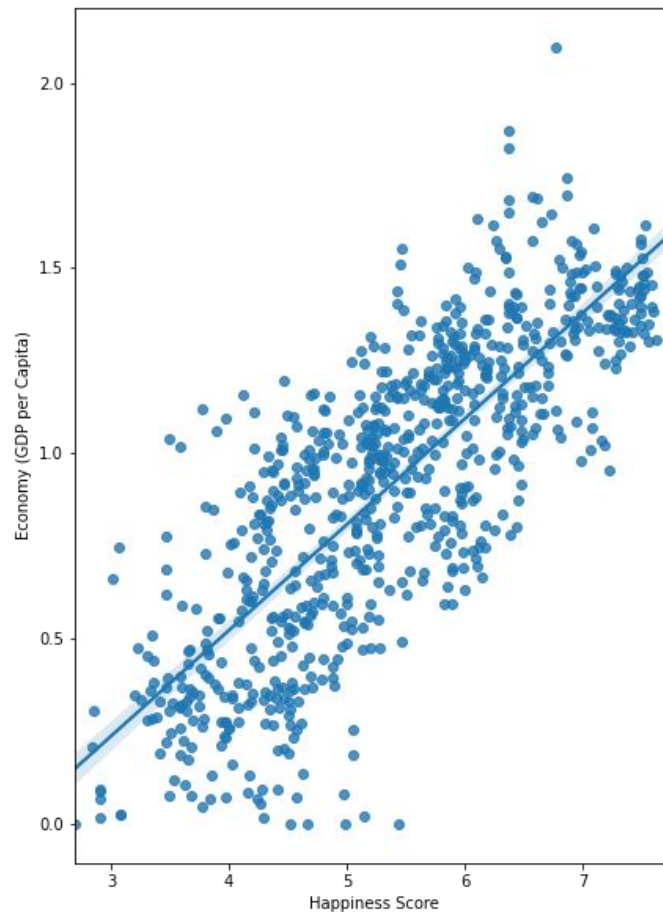
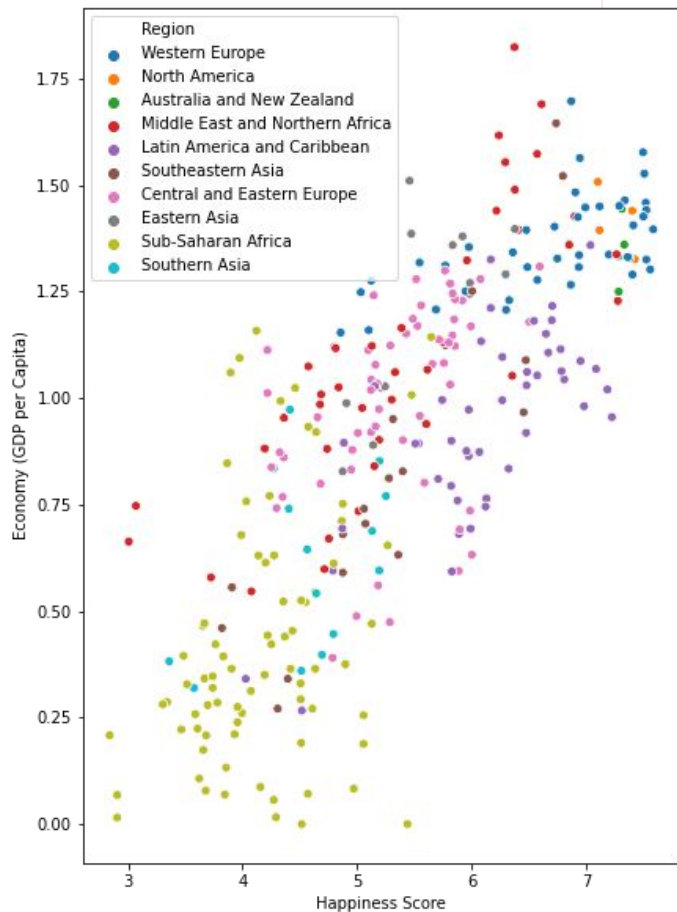
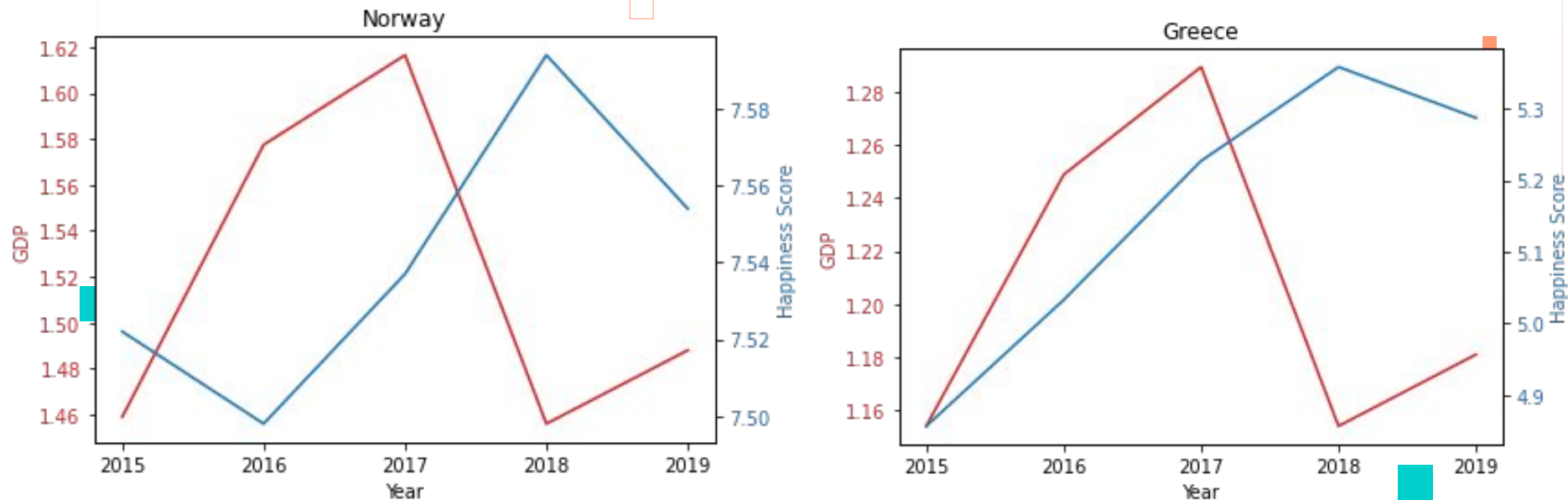
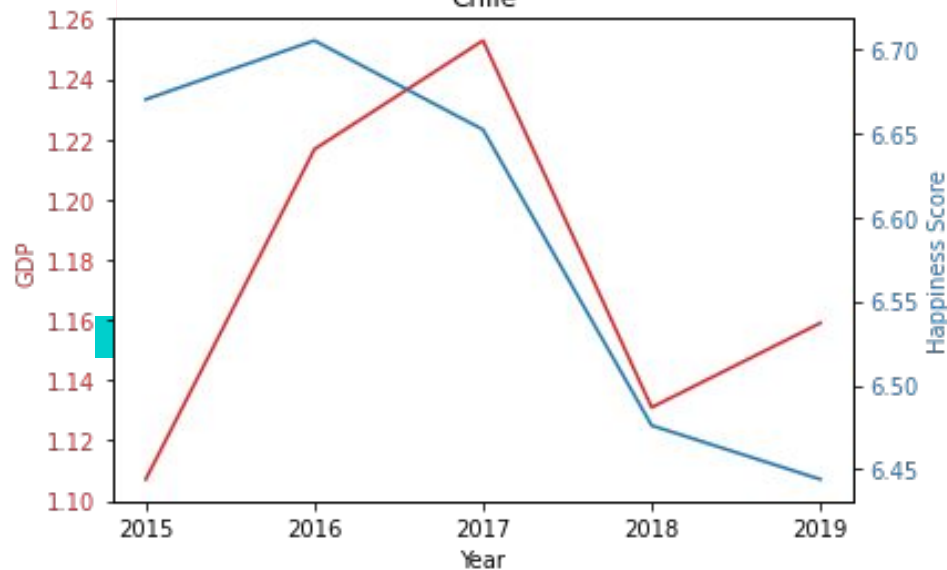


Figure 2: Norwegian and Greek happiness rates dropped in response to drops in GDP per capita

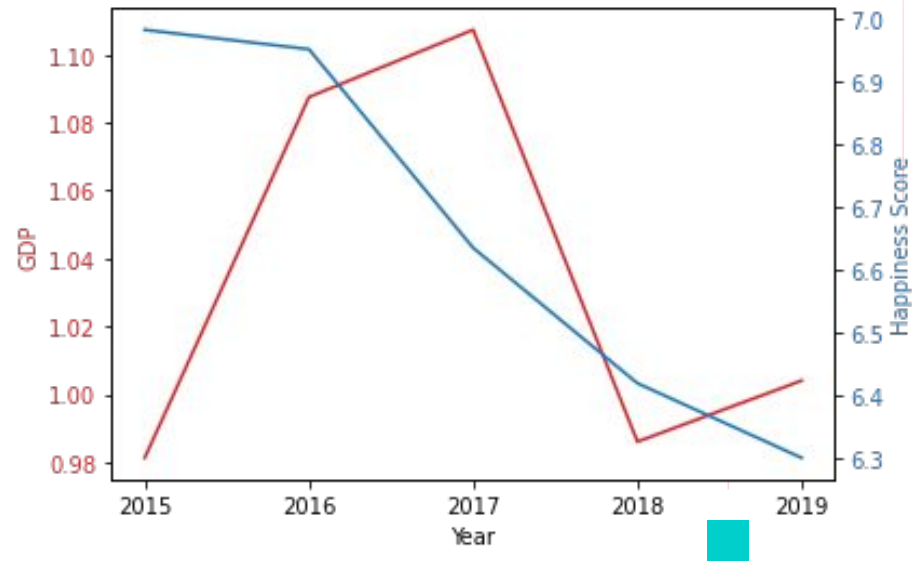


Chilean and Brazilian happiness rates preempted a drop in GDP per capita

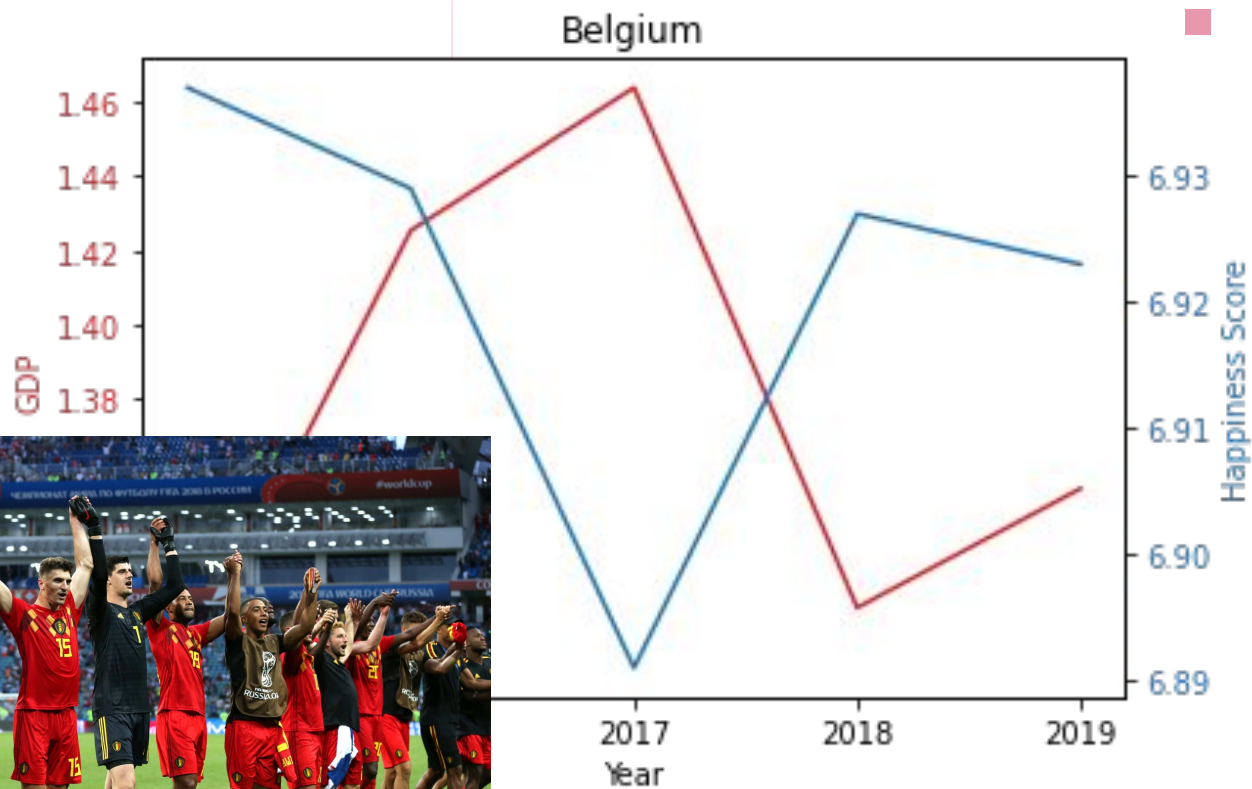
Chile



Brazil



Unrelated in Belgium?

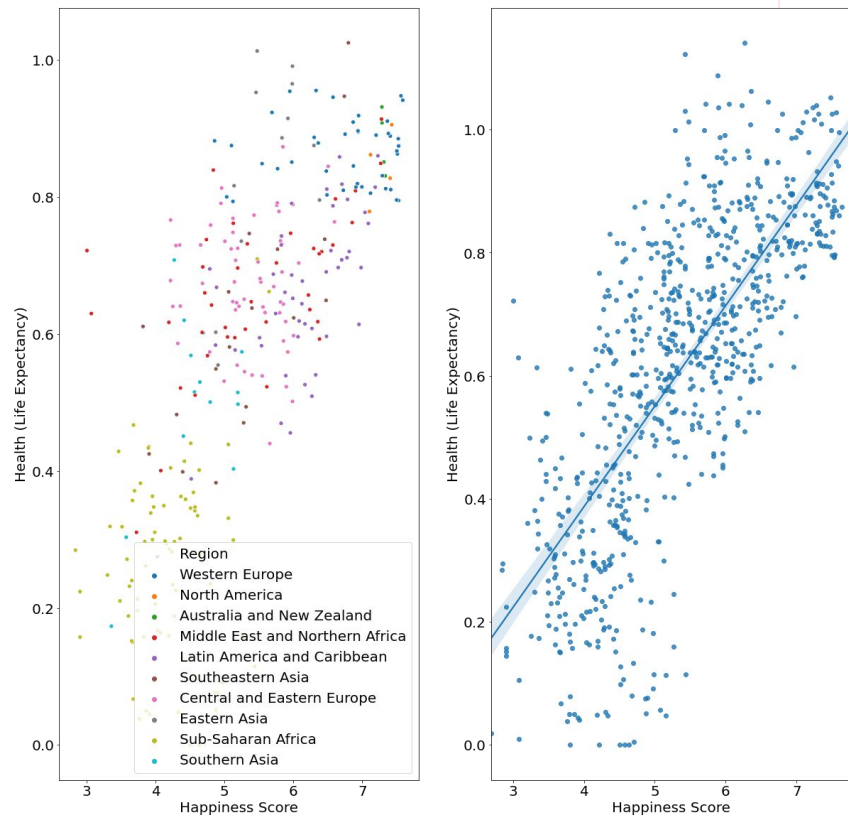


Family, Life Expectancy, Freedom, and Trust

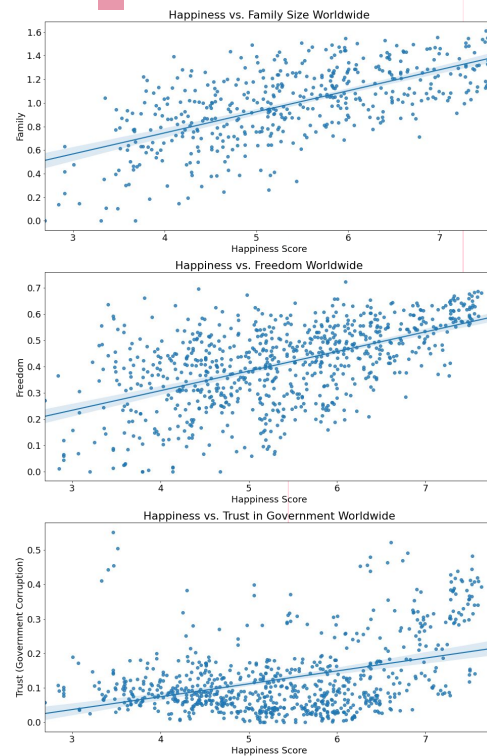
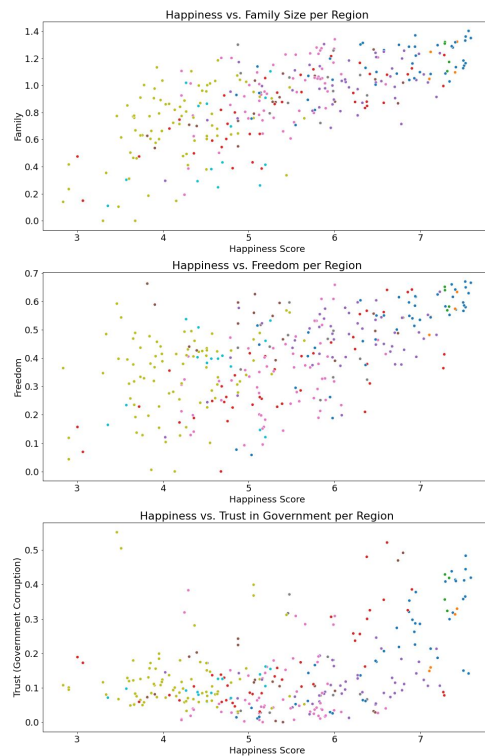
Hypothesis: There is a
positive relationship for
each variable and
happiness.

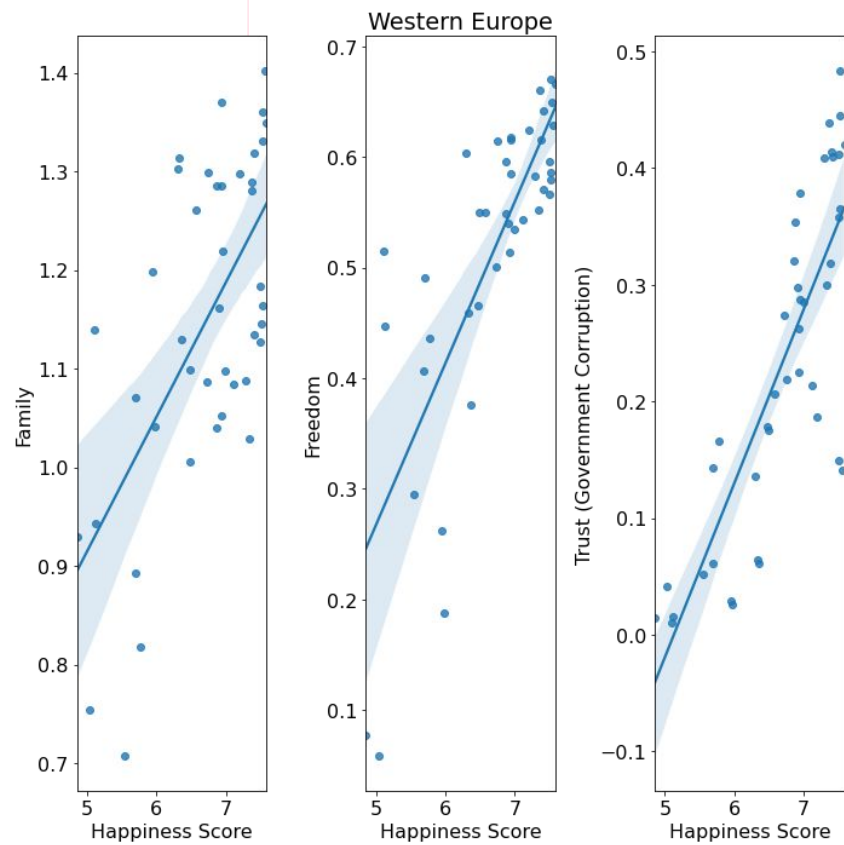
02

Worldwide Life Expectancy and Happiness

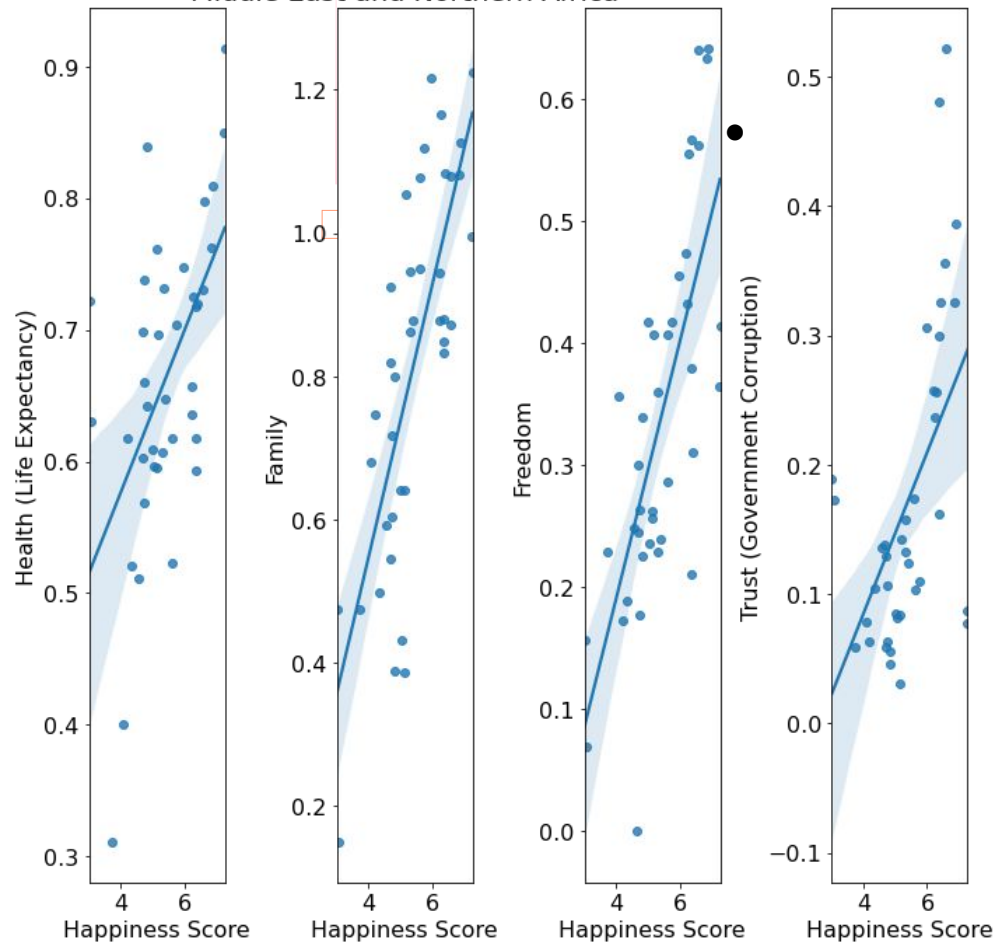


Family, Freedom, Trust





Middle East and Northern Africa

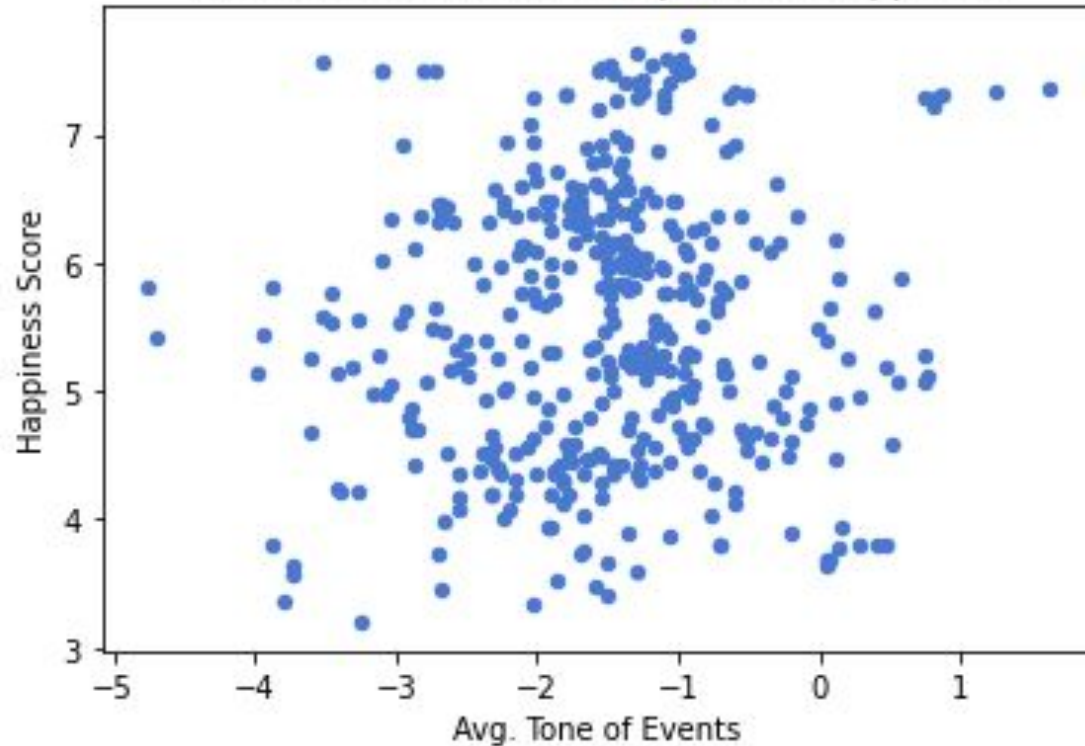


Bad News

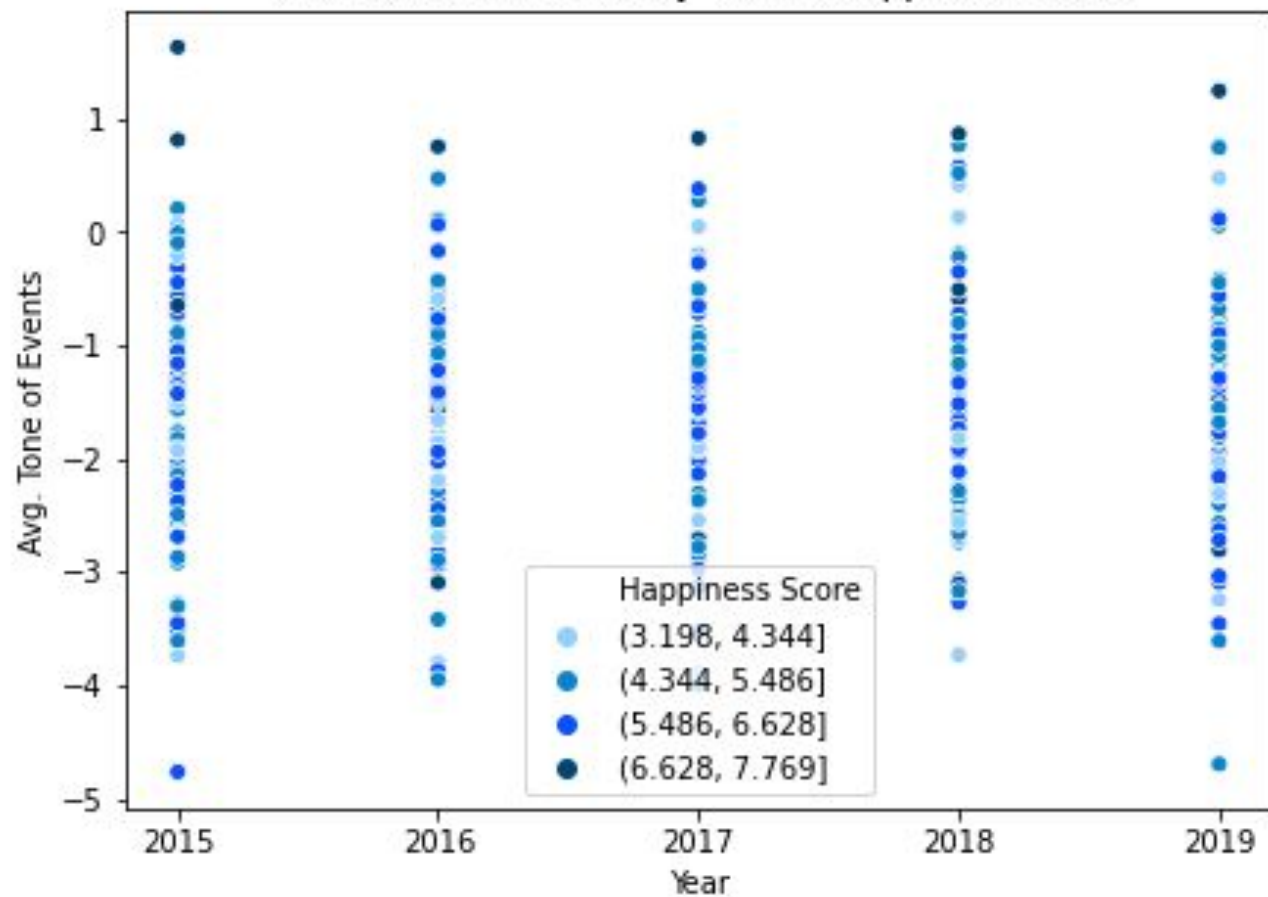
Hypothesis: There is a negative relationship between bad news in a country and happiness.

03

Tone of World Events Compared to Happiness



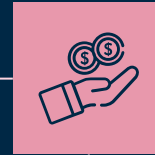
Tone of World Events by Year & Happiness Score



OUR CONCLUSIONS

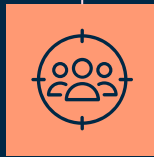
PRODUCTIVITY

No meaningful relationship to happiness.



BAD NEWS

No meaningful relationship to happiness.



LIFE & TRUST

Global correlation to happiness; some regional support.

NEXT STEPS?

Model happiness with study features.
Multivariate,
non-linear
relationships?

The background is a dark blue gradient. It is decorated with various geometric elements: thin white vertical lines of varying lengths, small squares in teal, orange, and pink, and larger squares in teal and orange. The text 'Thanks Questions?' is centered in the middle of the image.

Thanks
Questions?