

Variable Attributes to Happiness



Definition of Measures



Happiness Score or Life Ladder

"Please imagine a ladder, with steps numbered from 0 at the bottom to 10 at the top. The top of the ladder represents the best possible life for you and the bottom of the ladder represents the worst possible life for you. On which step of the ladder would you say you personally feel you stand at this time?

-The Gallup World poll survey measure of SWB is from the Feb 26, 2021 (2015–2020)



Log of GDP per Capita

The statistics of GDP per capita (variable name gdp) in purchasing power parity (PPP) at constant 2017 international dollar prices are from the October 14, 2020 update of the World Development Indicators (WDI).*



Social Support

Social support (or having someone to count on in times of trouble) is the national average of the binary responses (either 0 or 1) to the GWP question:

"If you were in trouble, do you have relatives or friends you can count on to help you whenever you need them, or not?"













Definition of Measures



Perception of Corruption

The measure is the national average of the survey responses to two questions in the GWP:

"Is corruption widespread throughout the government or not"

"Is corruption widespread within businesses or not?" The overall perception is just the average of the two 0-or-1 responses*



Freedom to Make Life Choices

Freedom to make life choices is the national average of responses to the GWP question:

"Are you satisfied or dissatisfied with your freedom to choose what you do with your life?"



Healthy Life Expectancy (HLE)

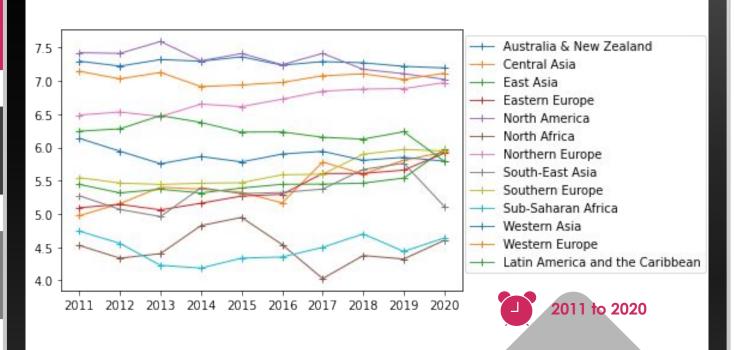
Healthy life expectancies at birth are based on the data extracted from the World Health Organization's (WHO) Global Health Observatory data repository (Last updated: 2020–09–28). The data at the source are available for the years 2000, 2005, 2010, 2015 and 2016. To match this report's sample period (2005–2020), interpolation and extrapolation are used.



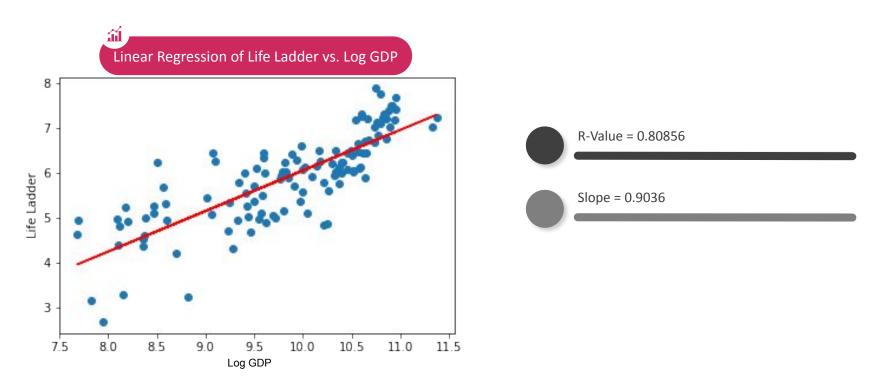




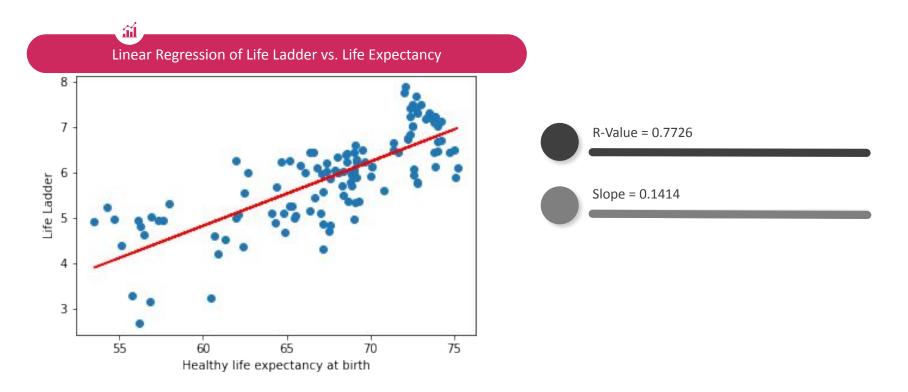
Happiness Score Over the Years



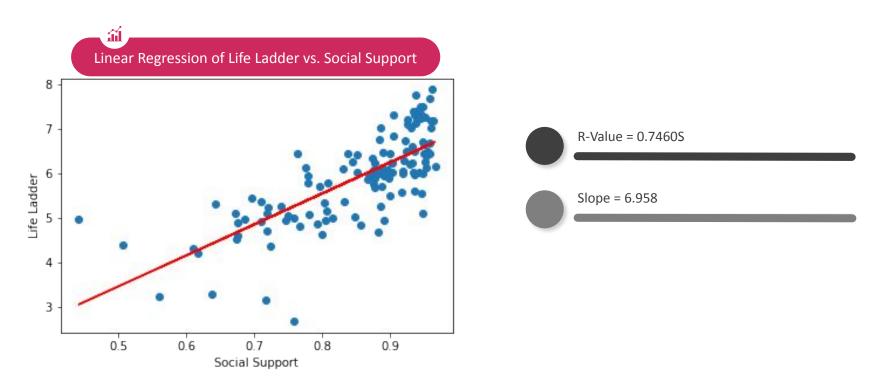
Happiness vs. Log GDP



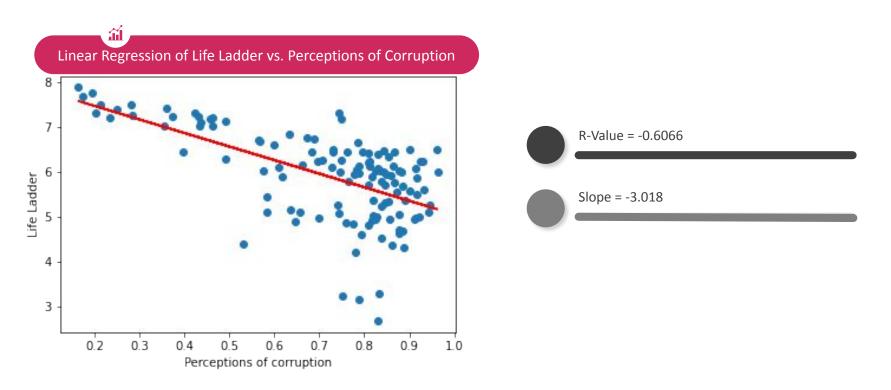
Happiness vs. Life Expectancy



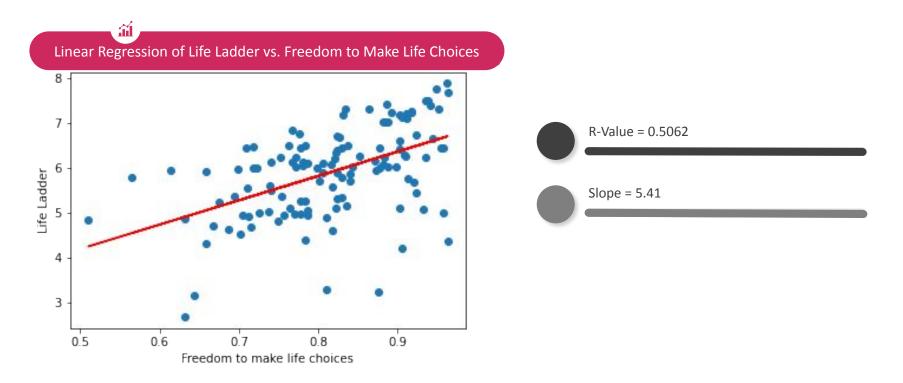
Happiness vs. Social Support



Happiness vs. Perceptions of Corruption

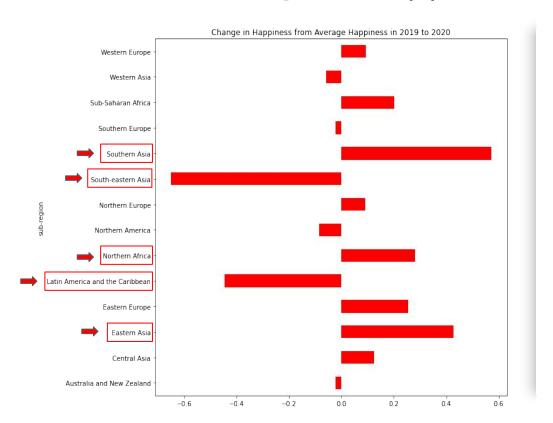


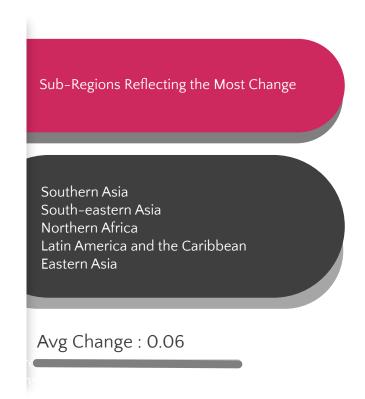
Happiness vs. Freedom to Make Life Choices

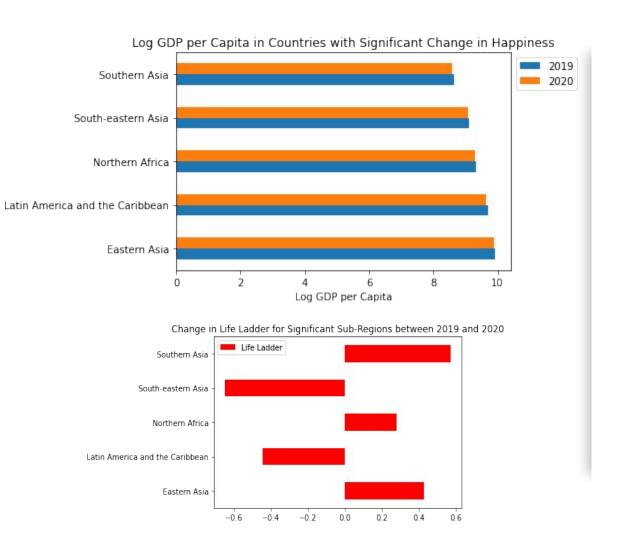




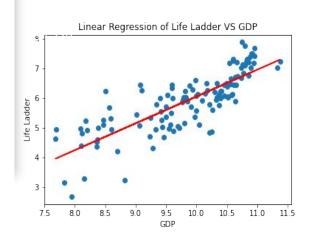
Change in Happiness (2019–2020)

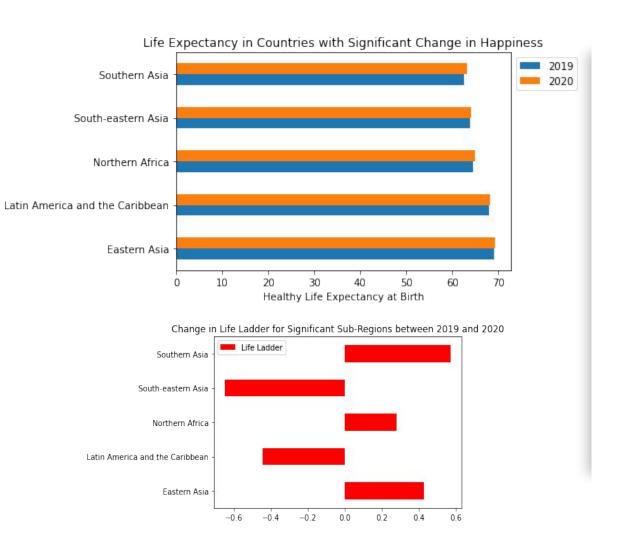




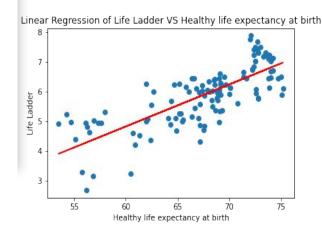


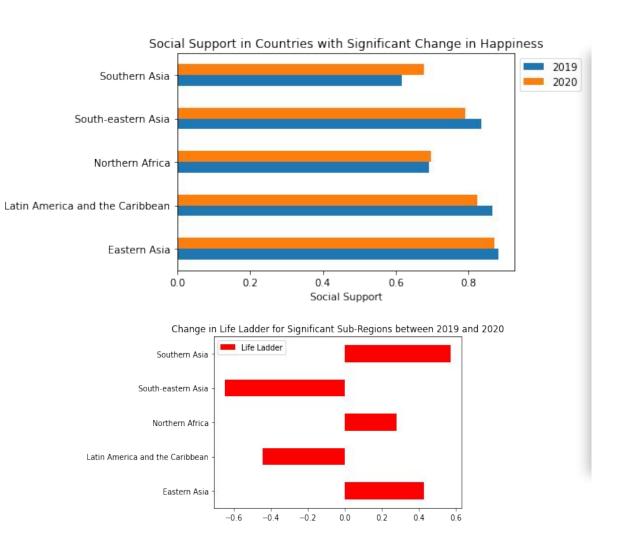




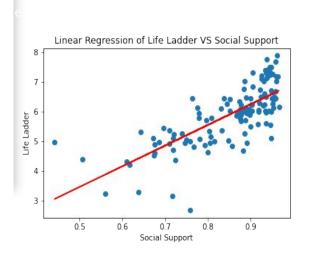


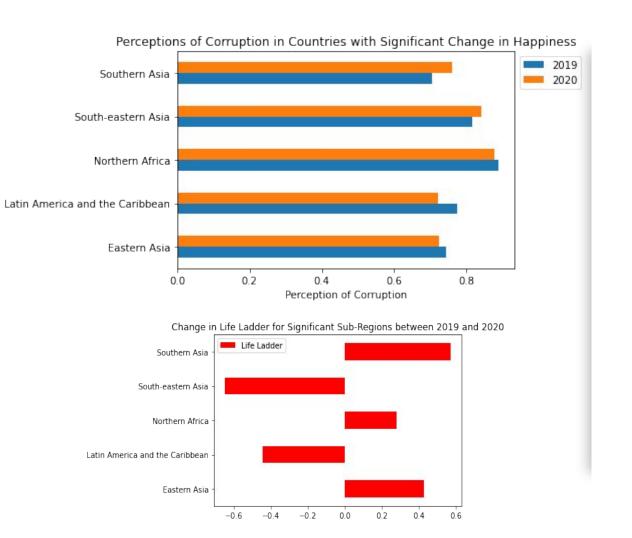
Life Expectancy



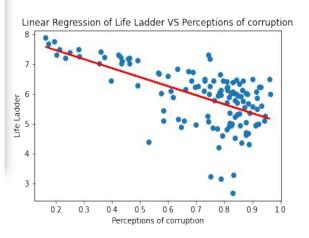


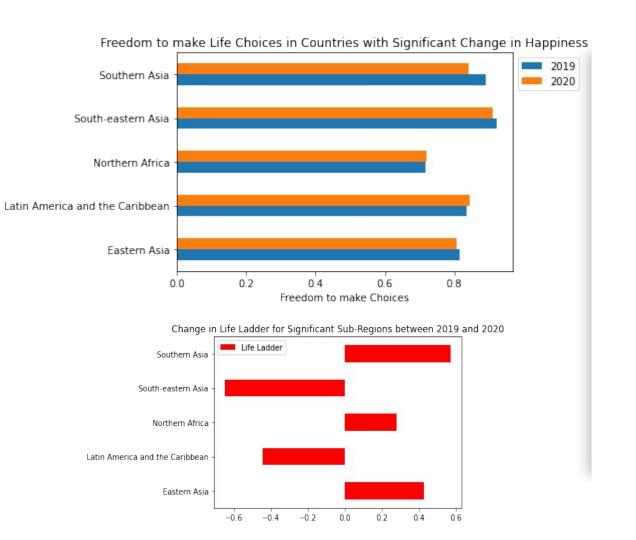
Social Support



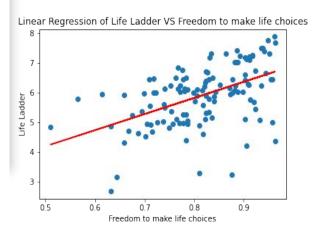


Perceptions of Corruption

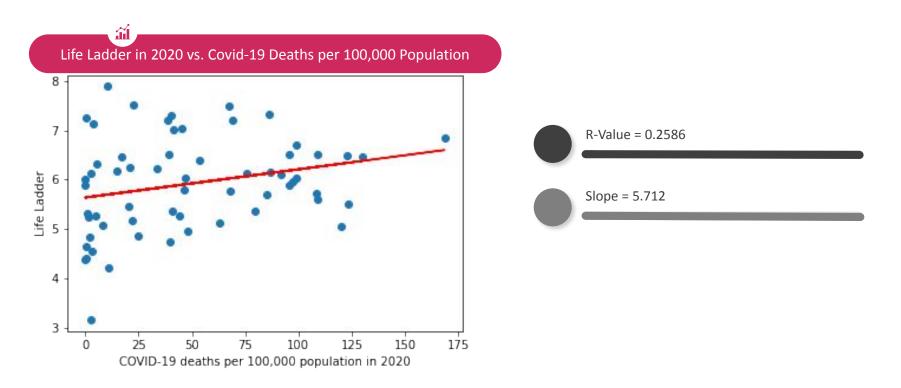




Freedom to Make Life Choices



Happiness vs. Covid-19 Mortality



Shortcomings of Data



Social and economical components.

Studies on normalized regions.

Further Analysis

Data For Days







Factors that can skew the analysis

Access to Healthcare

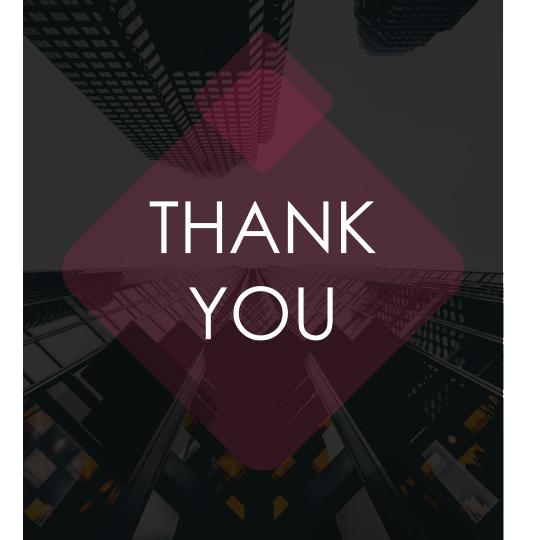
Government Influences

Access to Participate in the Surveys

Experience with Natural Disasters

Controlling the Time and Year the Data was Collected

Happiness being Skewed by Personal Perception



Sources

- Regions
- WHO Report
- Mortality Rates
- https://github.com/lukes/ISO-3166-Countries-with-Regional-Codes