

Happiness Meter

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A glimpse of Happiness for the year 2021

The data used is from the Gallup world poll. When the happiness index changes, so does the intensity.

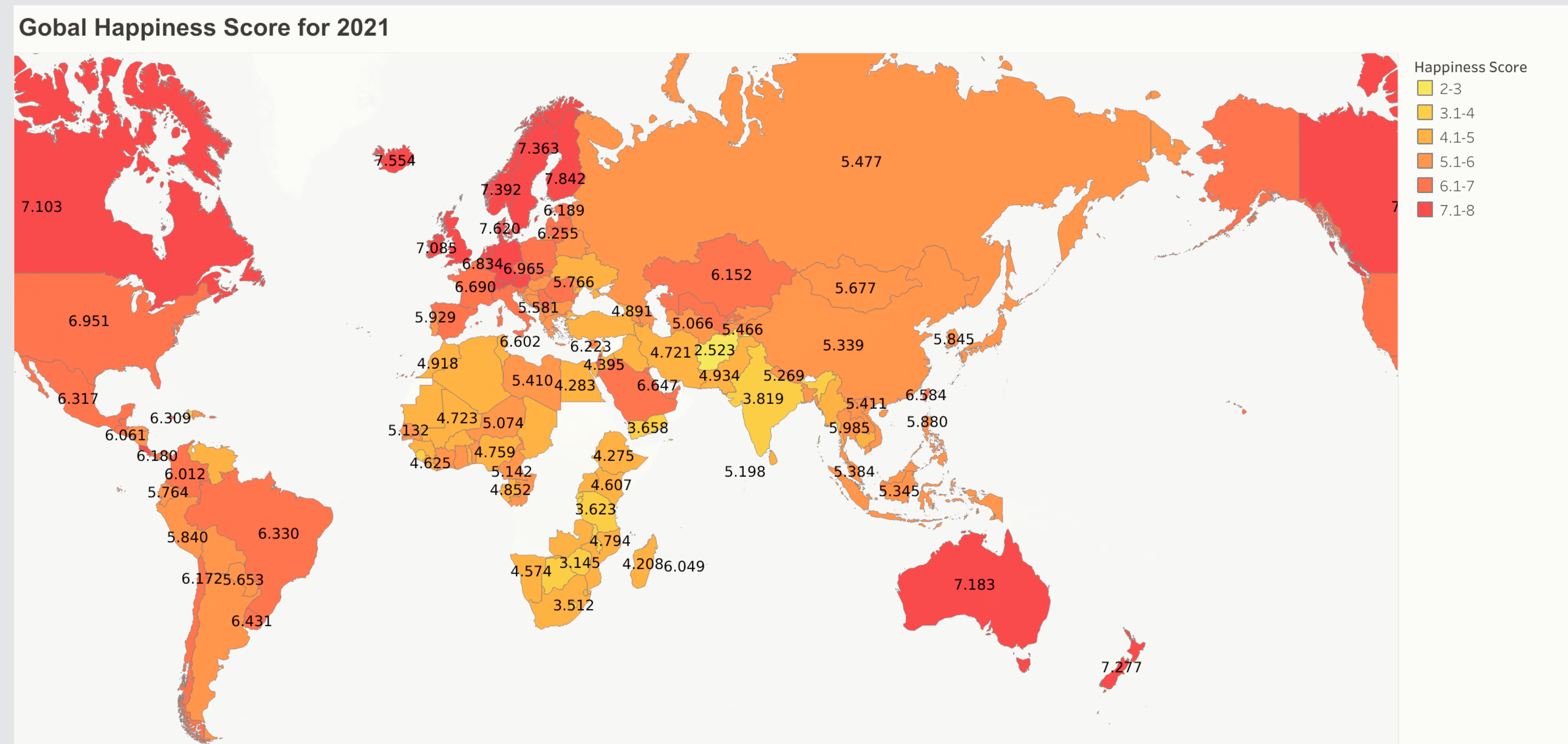


Fig 1:World map

Elements of Happiness Index.

The graph below shows the percentage contribution of each aspect in computing the overall happiness score for the selected countries in each category, based on a Gallup poll.

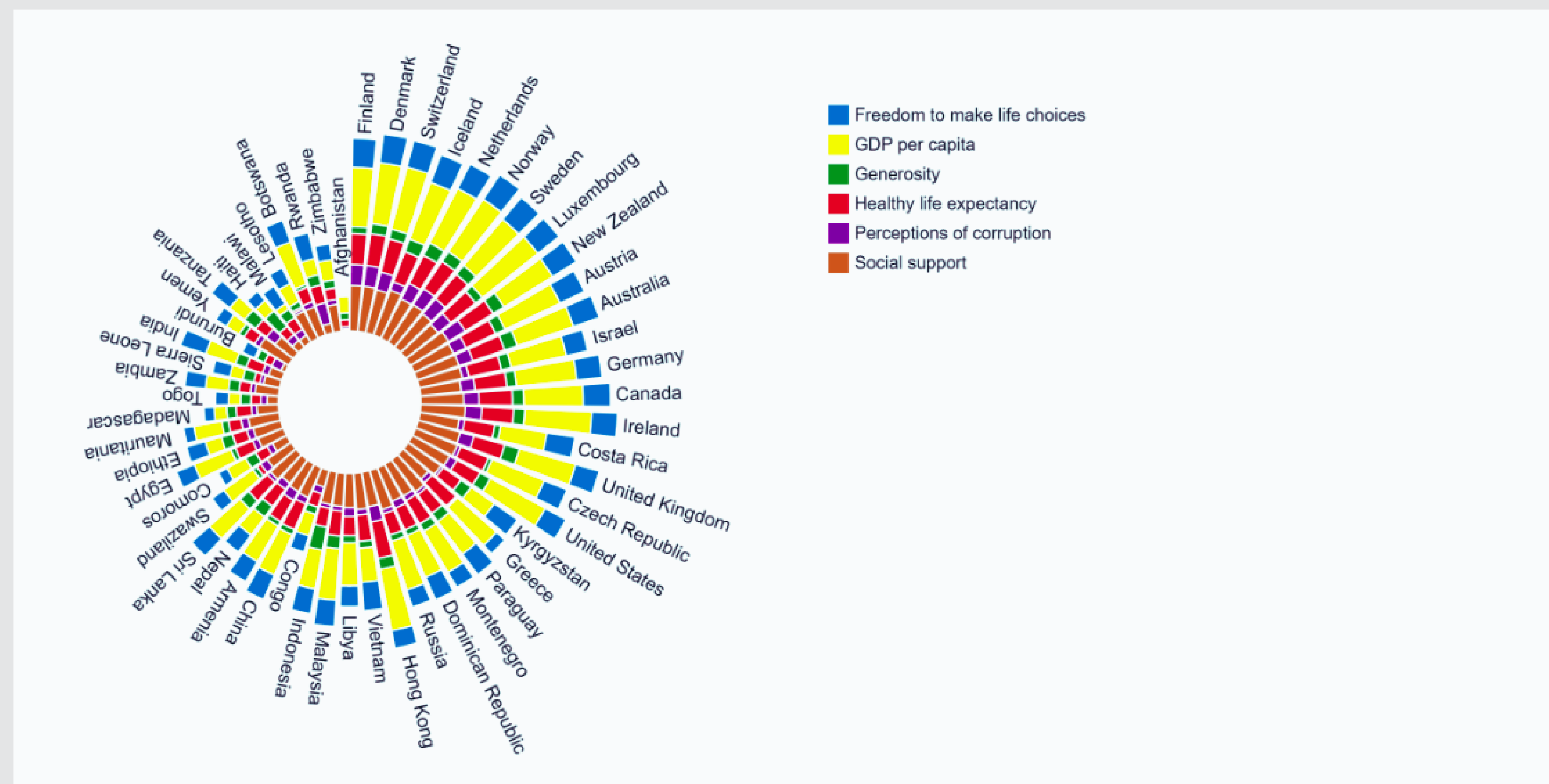


Fig 2:Elements of Happiness

Changing world happiness from 2019 to 2021

Change in Joy index for 5 countries under each category which has a significant change in their happiness value over the period of time from 2019 to 2021.

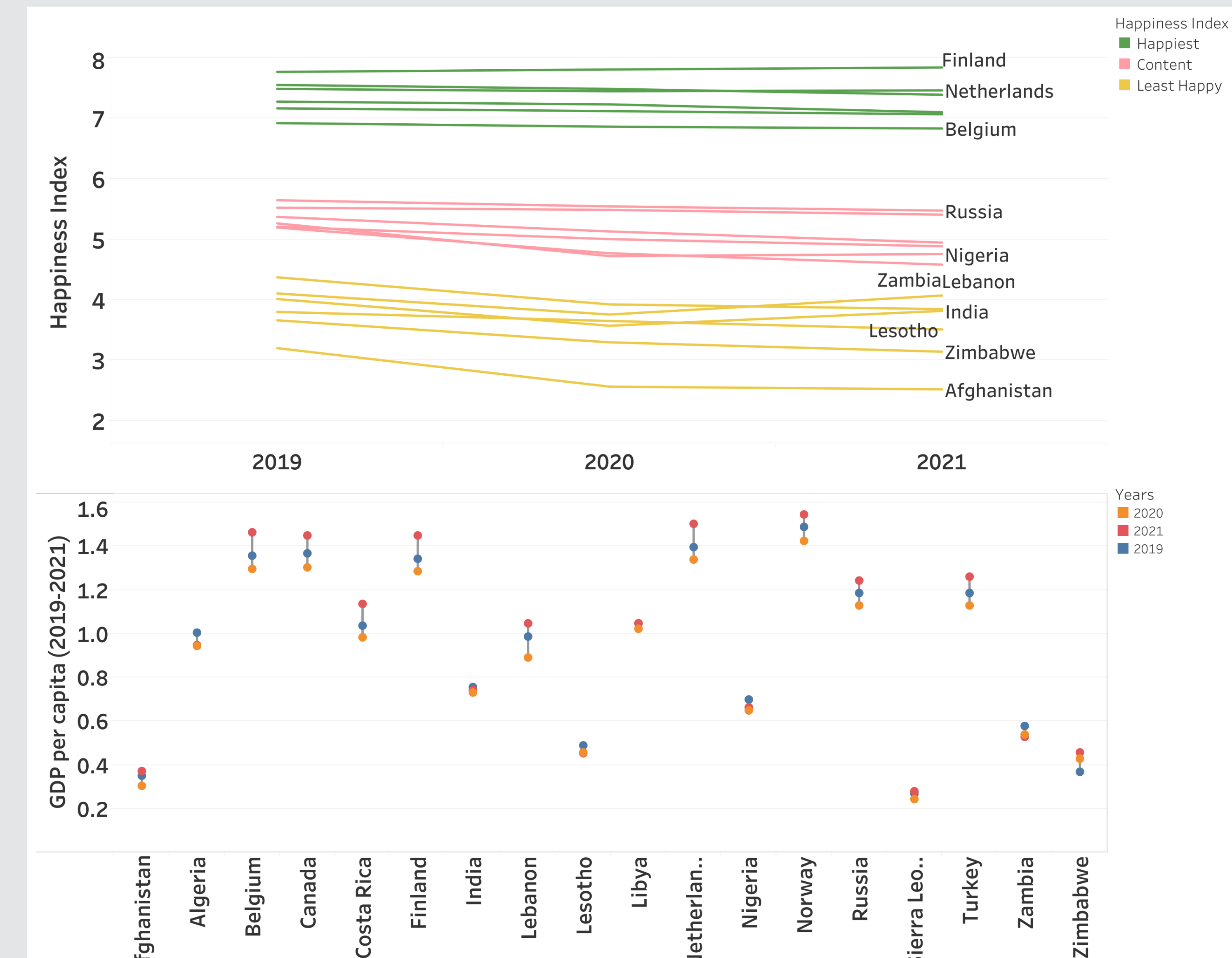


Fig 3:Changing Happiness score, line graph,Changing GDP with Dumbell plot

Inference: Countries with high happiness scores have maintained their happiness scores despite COVID, even while their GDP has declined. Because these countries have a high GDP, it's safe to believe that they've put money into keeping their country's peace.

Nature of interaction.

The impact of each element on the total happiness score

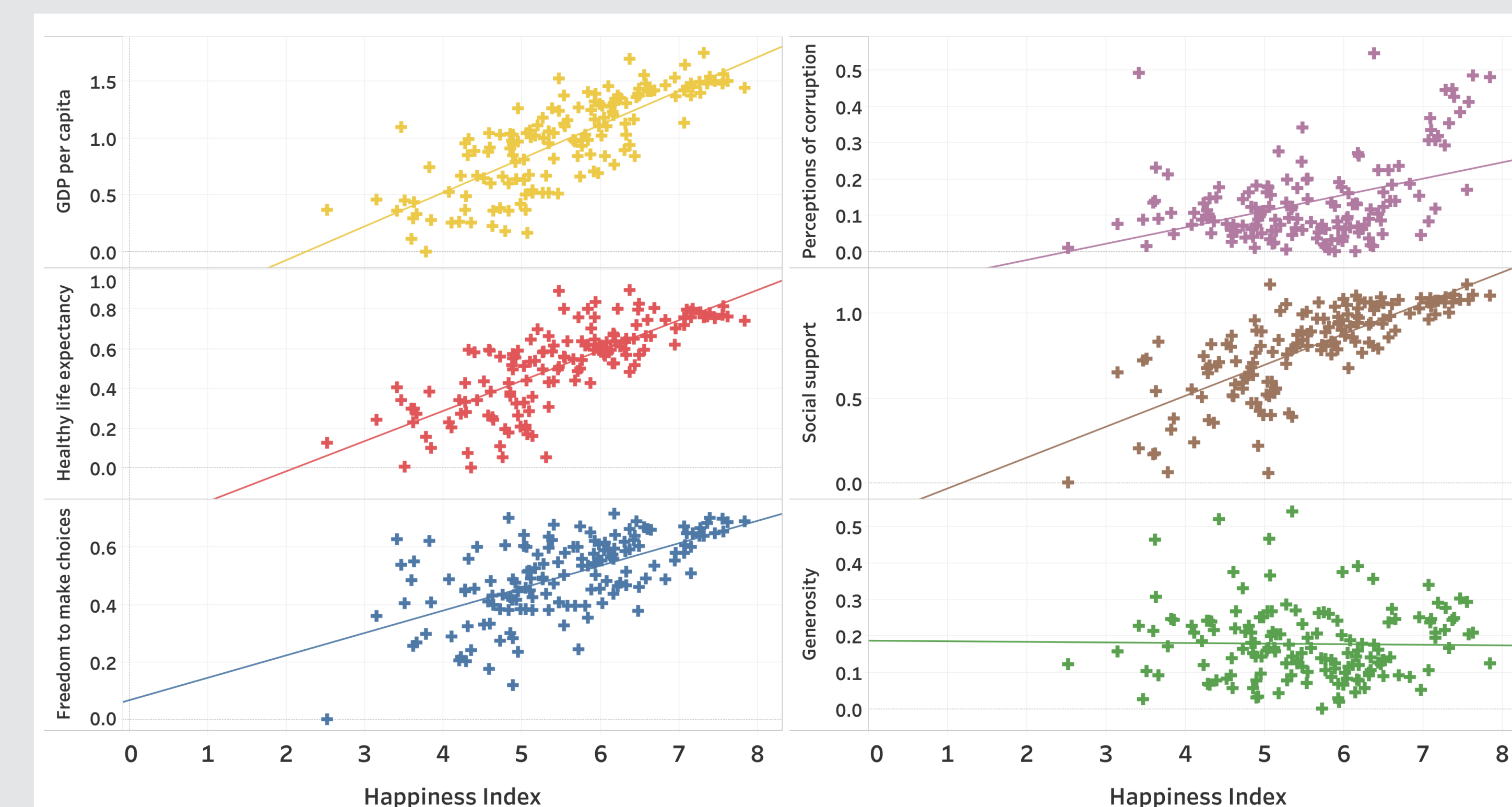


Fig 4:Correlation of Elements of Happiness with Joy value

<https://docs.google.com/document/d/1cQt7ISm2sqSfYzK8h8gFJ5T35G1HAHCYCYLGJwEvhlw/edit?usp=sharing>

Observation: The world happiness index is heavily influenced by factors such as GDP, health expenditure freedom, social support and the status of corruption in a country

