WHAT MAKES A PERSON HAPPY

COMP2501 Presentation

Daniel, Chow Shing Chung

WHY
HAPPINESS?

QUESTION TO BE DISCUSSED

What are the most crucial factors that contribute to people’s happiness?

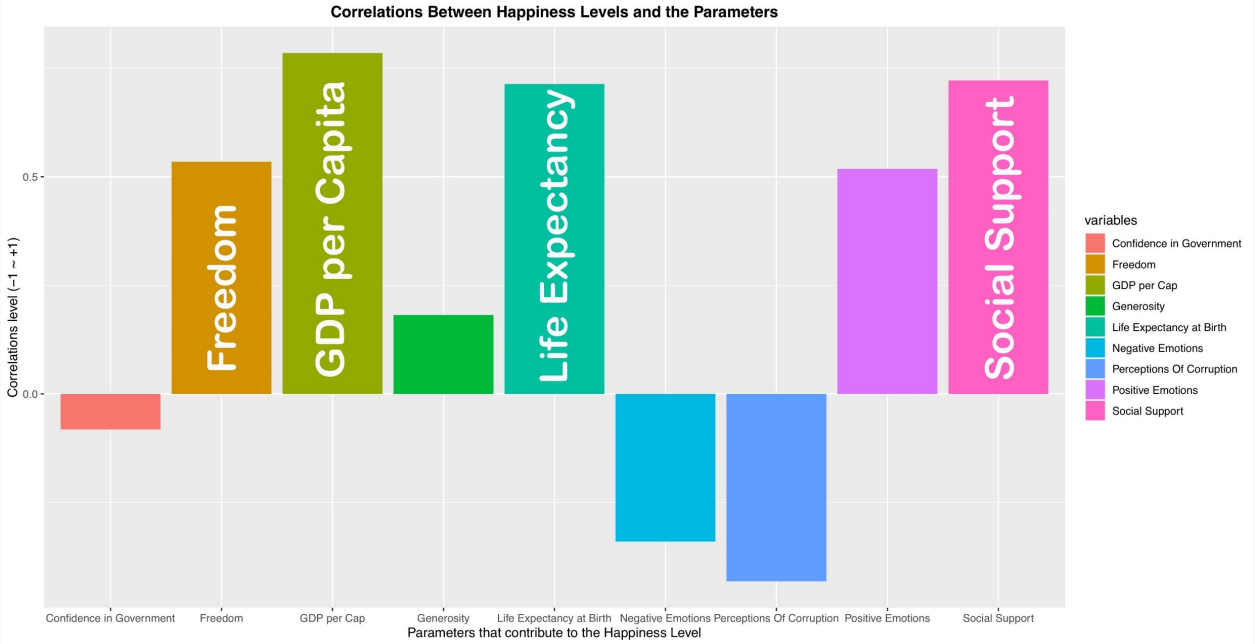
Datasets

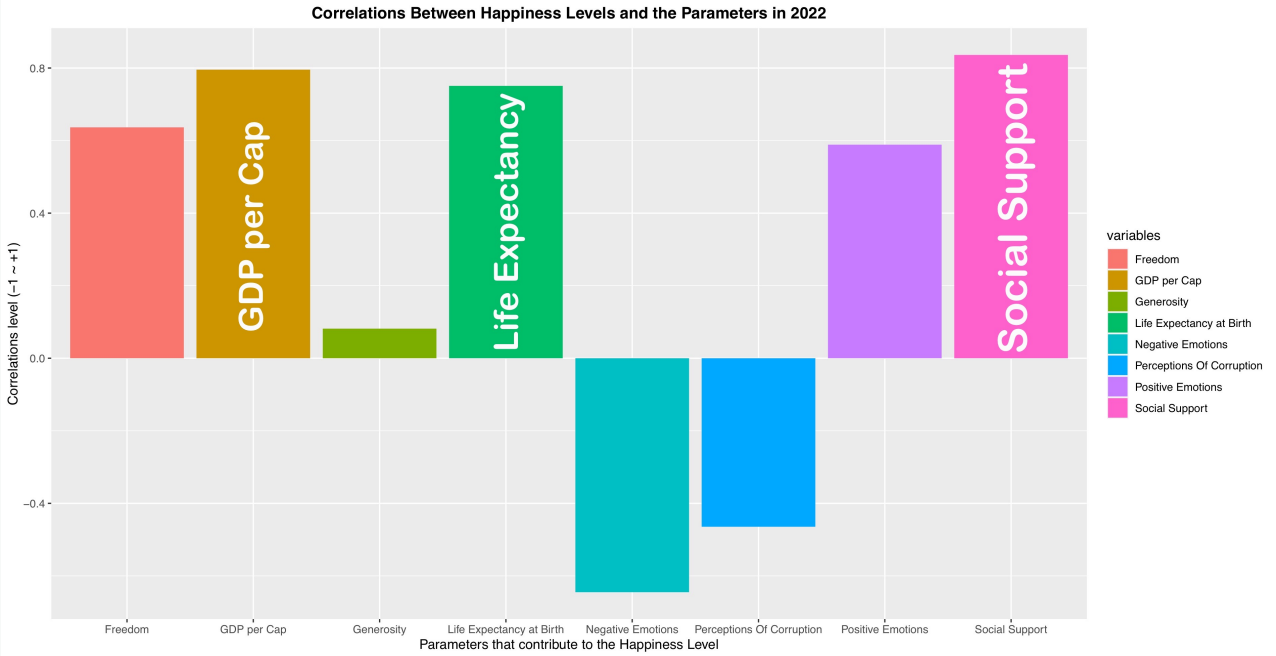
World Happiness Report of 2005 – 2022

World Happiness Report on cities in 2022

Working hour dataset from Our World In Data

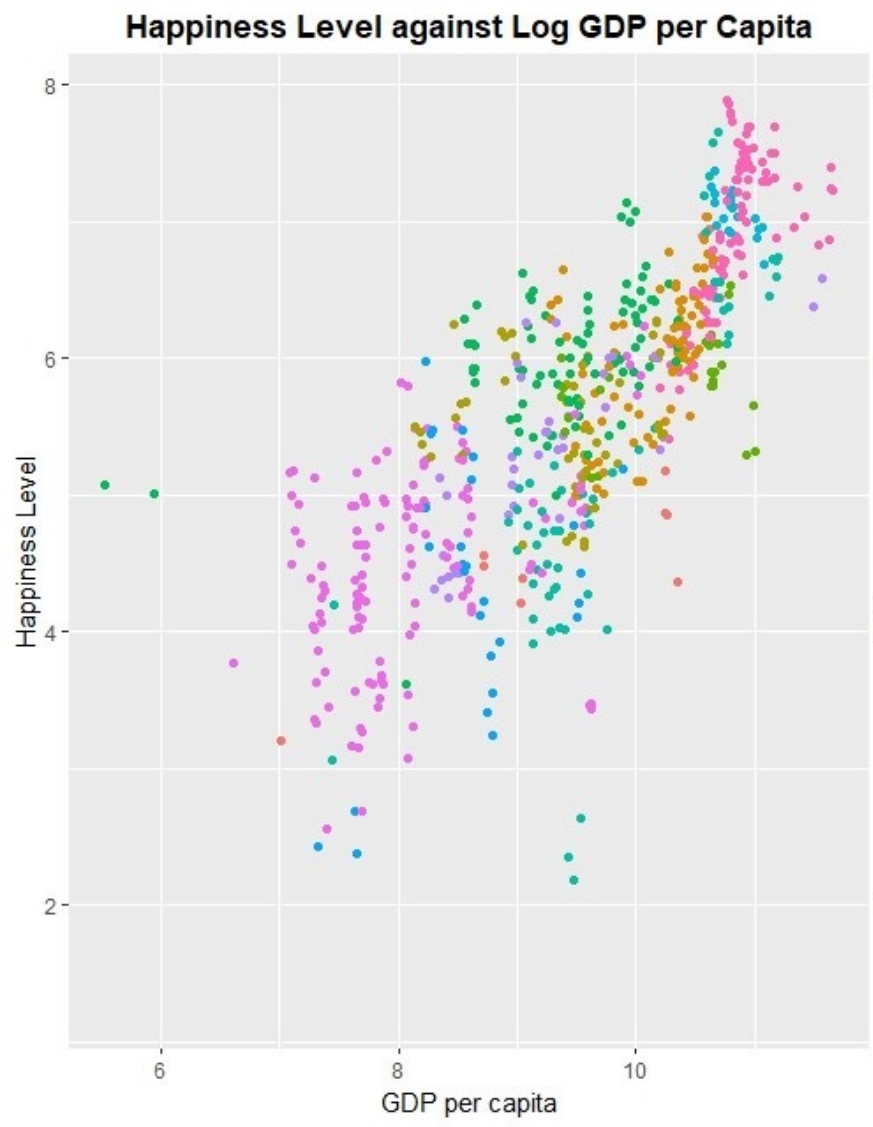
Correlations

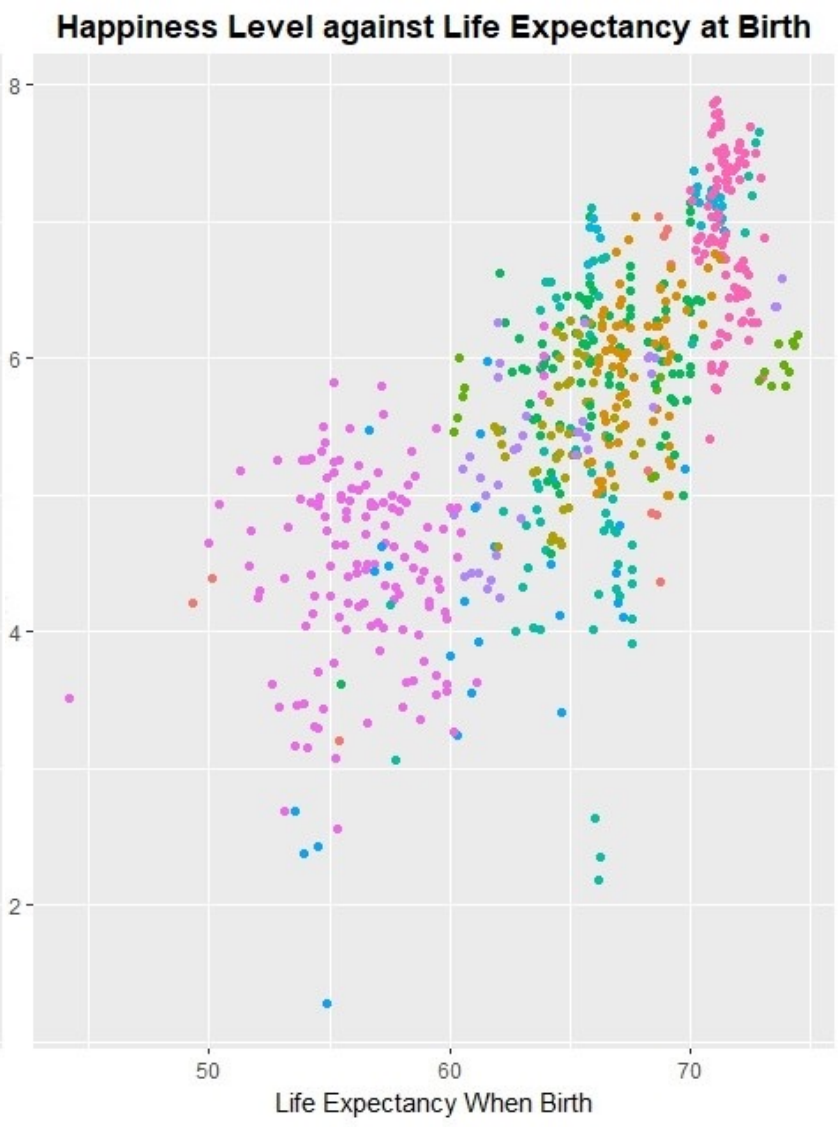


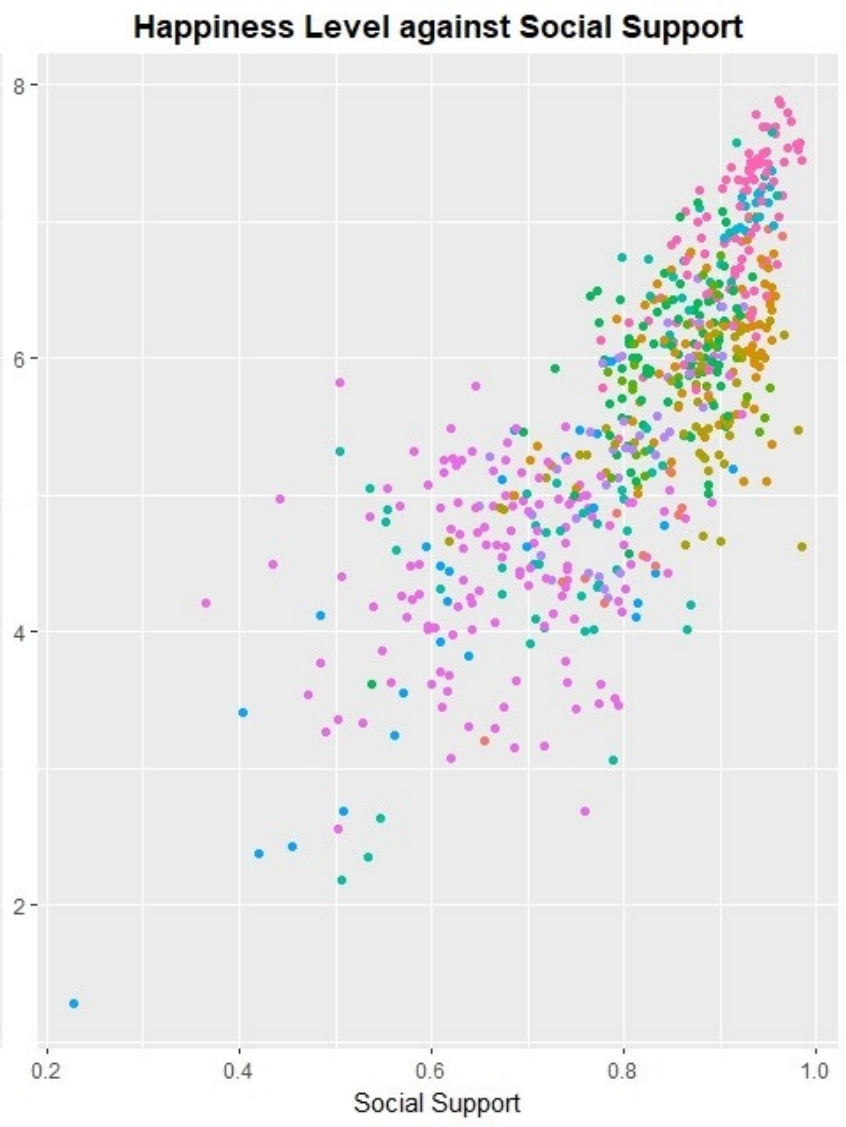


Focusing on the three most crucial reasons in different regions

- GDP per capita
- Social Support
- Life Expectancy


Happiness Level against Log GDP per Capita
Happiness Level
8
6
4
2
6
8
10
GDP per capita


Happiness Level against Life Expectancy at Birth
8
6
4
2
50
60
70
Life Expectancy When Birth


Happiness Level against Social Support
8
6
4
2
0.2
0.4
0.6
0.8
1.0
Social Support

Observation

High GDP per Capita

Longer life expectancy at birth

Better social support

CAUSATION?

Causation and Correlations

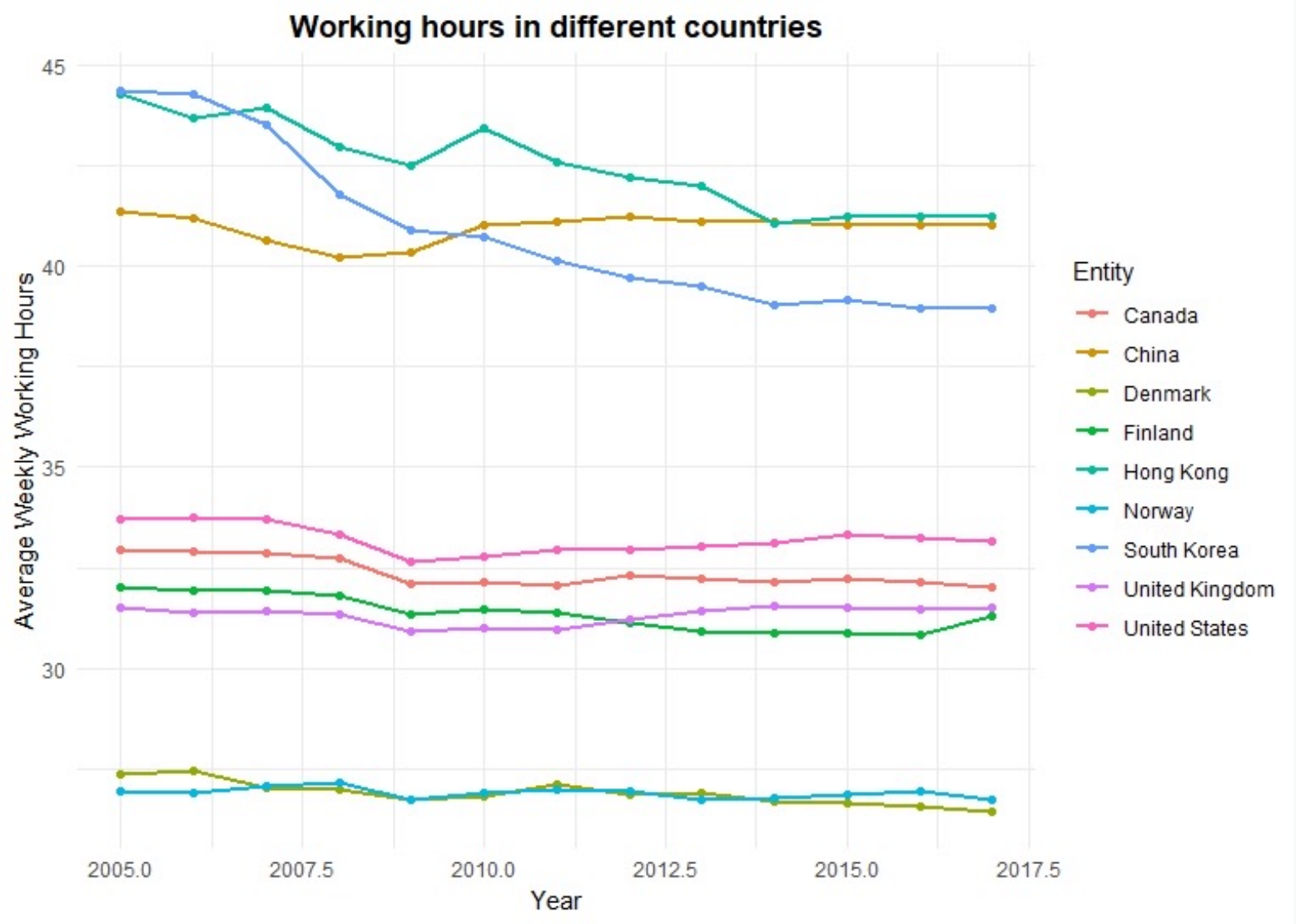
Higher GDP per Capita

- Longer life expectancy at birth
- Better social support

DO HIGHER GDP PER CAPITA GUARANTEE A HIGHER HAPPINESS LEVEL?

HONG KONG

ASIAN COUNTRIES AND METROPOLIS



Further Predictions?

Predicting the happiness level

1. Separating the dataset into training and testing data
2. Training the model

Conclusions

- The three most crucial factors are GDP per capita, life expectancy at birth and social support.
- Causations exists between them
- Special cases are actually not special

THANKYOU!