

Suicide Rates

Data Science Basics Project

Group 8 (P. Bucher, F. Meyer, L. Schuler, M. Thalmann)

December 7, 2019

Abstract

The project *Suicide Rates* aims at answering the question, whether or not there is a correlation between the GDP¹ per capita and the number of suicides in a country. The underlying data sets not only contains yearly GDP and suicide rate data, but also breaks down the suicide rate by generation and sex, and further provides the HDI² and population size of the respective year, which makes it possible to correlate suicide rates to other socio-economic parameters as well.

TODO: what has been found out?

¹Gross Domestic Product

²Human Development Index

Contents

1	Data	3
----------	-------------	----------

1 Data

The underlying data (see `master.csv`) set has been provided by Kaggle³ and provides data on suicide rates of 102 countries⁴ from 1985 to 2016.

Figure 1 *Available data per Country and Year* (p. 4) shows the data set is all but complete. Some countries have very few data points, whereas others have data for most of the years. The less yearly data is available, the harder an assessment of the development for a single country becomes.

³<https://www.kaggle.com/russellyates88/suicide-rates-overview-1985-to-2016/download>

⁴`cut -d, -f1 master.csv | sort | uniq | wc -l`

1 Data



Figure 1: Available data per Country and Year

List of Figures

I	Available data per Country and Year	4
---	---	---