

Does gender equality play a role in the perception of happiness?

A study based on the Global Gender Gap Report 2020 and
The World happiness report 2020.
Data referred to a pre-covid19 world.

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Final Projekt
Iron Hack



Data sources and methodology

Datasets

Global Gender Gap report 2020
World happiness report 2020
Demographic data 2020
Economic data 2020

Statistical thinking

python

Data cleaning and wrangling

python

Visualisation

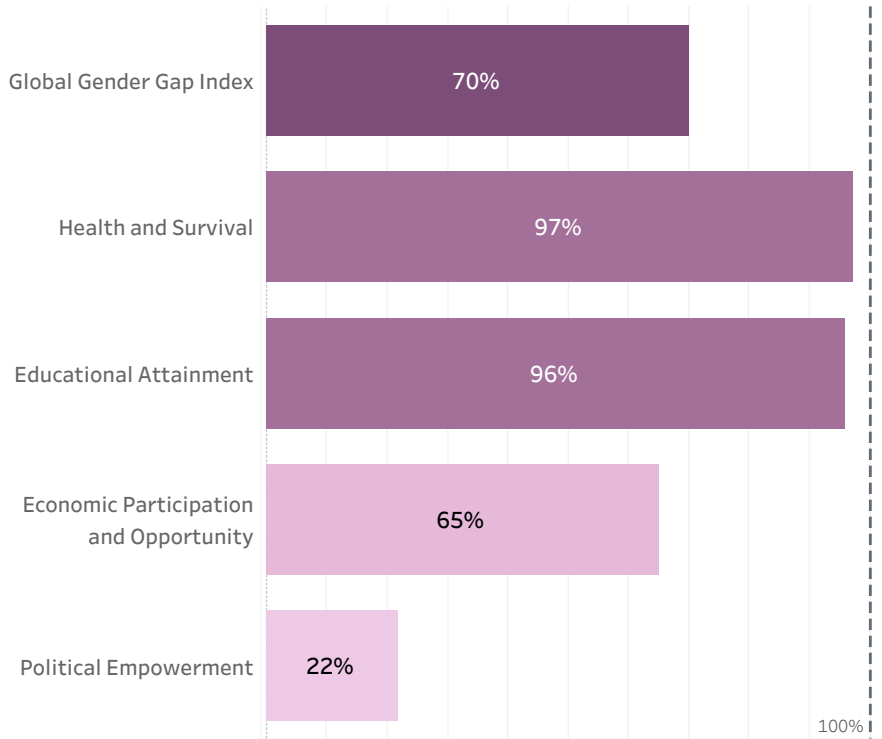
Tableau

<https://worldhappiness.report/ed/2020/>

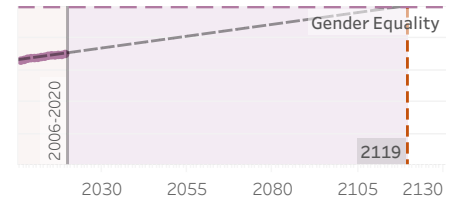
<https://www.weforum.org/reports/gender-gap-2020-report-100-years-pay-equality>

<https://www.gapminder.org/>

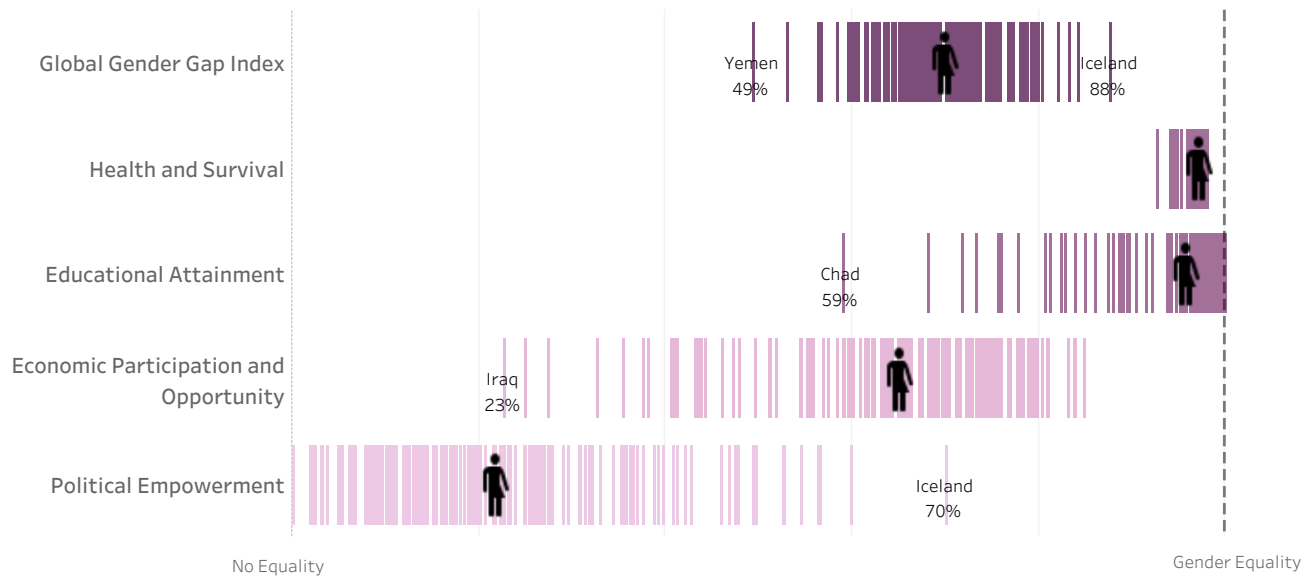
Gender equality: loading bars



Bad News: with the actual rate of growth we will only reach gender equality in 99.5 years!!



Percentage of the gender gap closed to date, 2020



Is gender equality influencing the wellbeing of a country?.

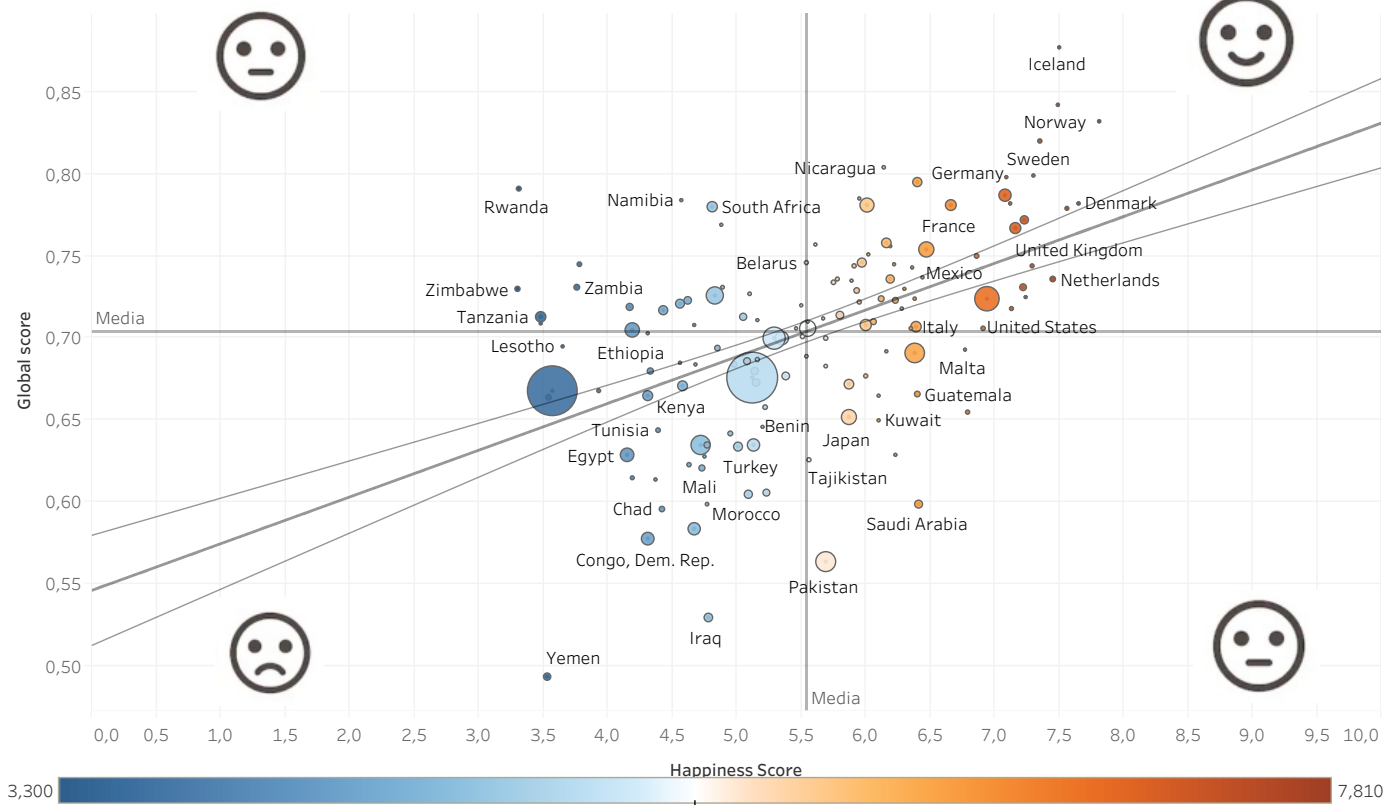


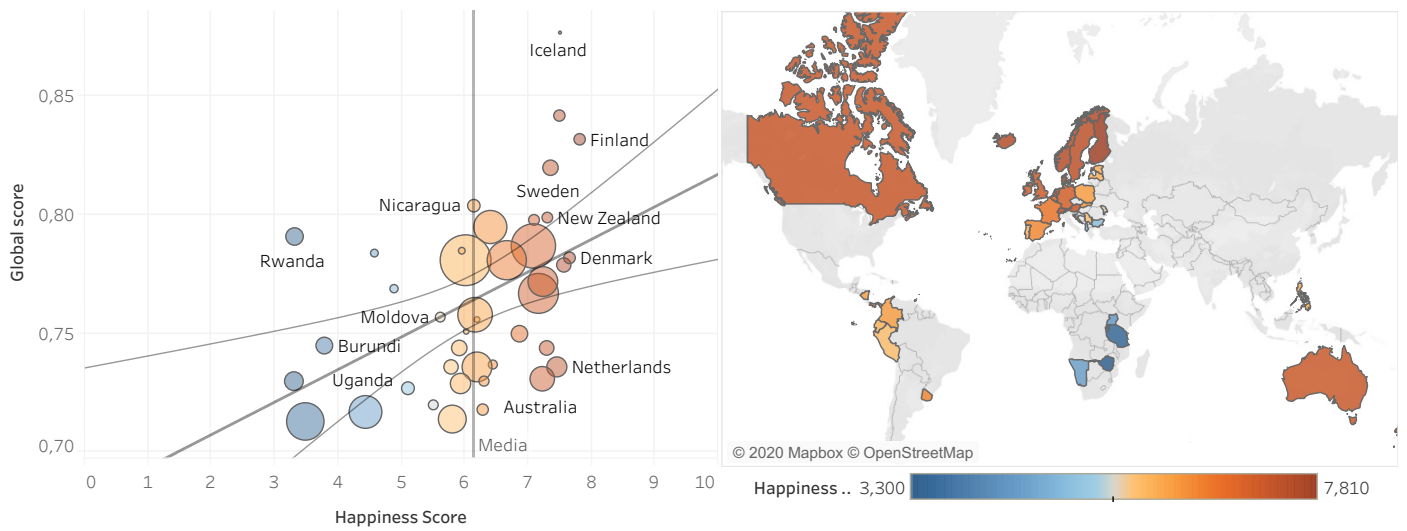
How the World Happiness score is calculated: Results of 2020 Report



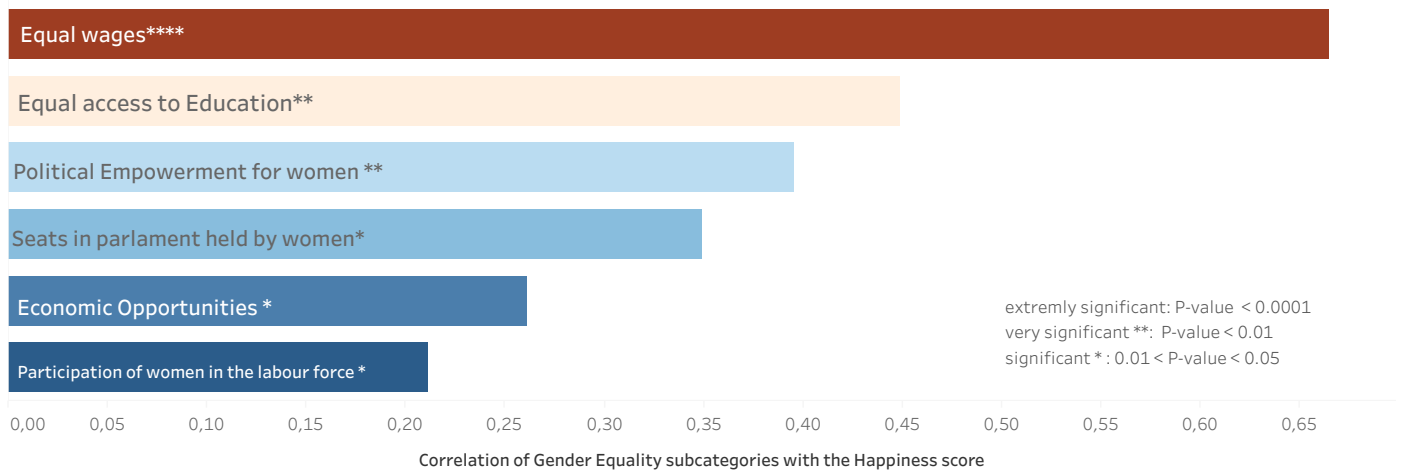
In other words: Is the Global gender gap score linearly correlated with the Happiness score?

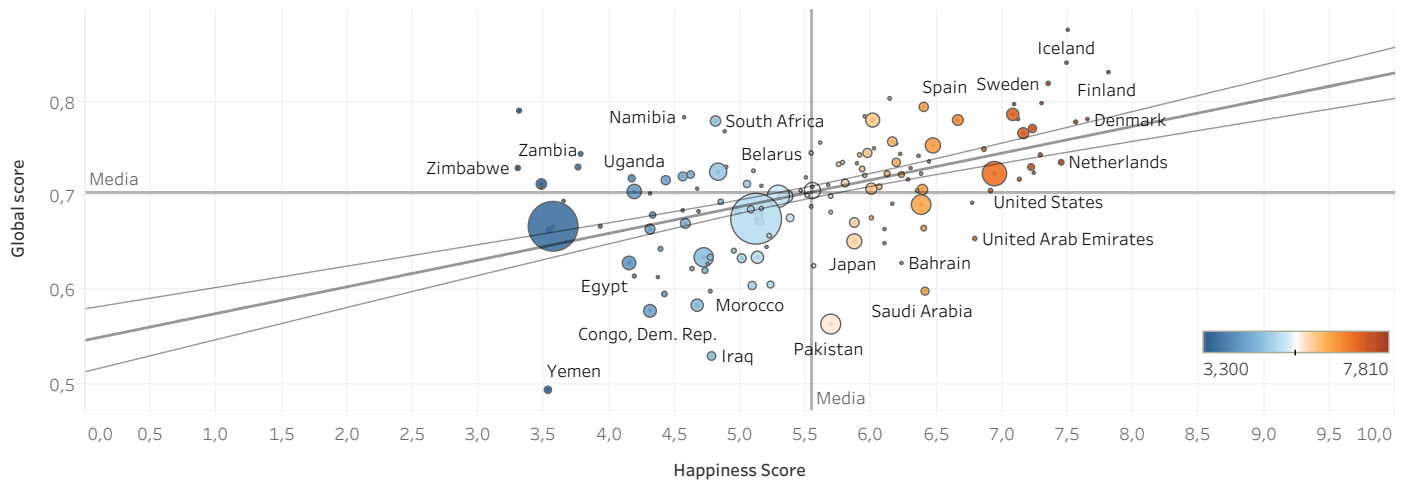
The answer is Yes and No





What makes gender equal countries happier:

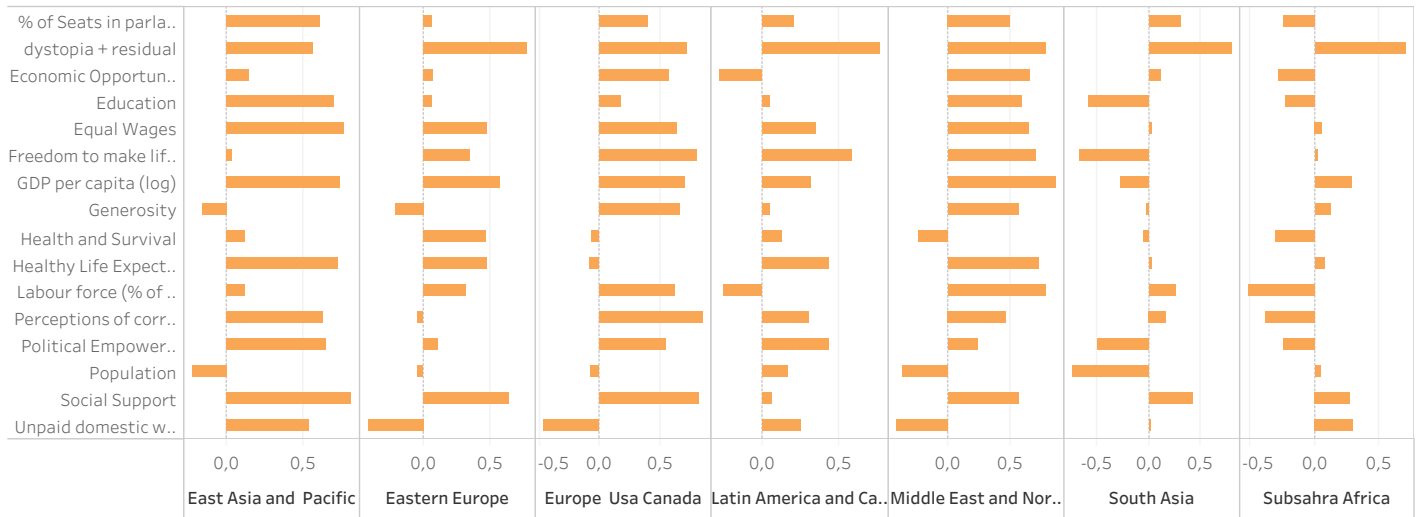




Happiness on a regional level:

Choose the factor you want to sort by:

seats in parliament



In conclusion

In conclusion with this study we can infer that a world where women have equal rights and are included in the political and economic decisions is a happier world

1.

Gender equality and the wellbeing of a country are highly correlated.

2.

However a gender equal country, is not necessarily a "happy country"



3.

The factor that enhances the most the wellbeing in a country that tends already to be gender equal is: equal wages.

4.

The factor that correlate the most with the gender equality is: the participation of women in the labour force. Surprisingly GDP per capita seems to be not that significant.



Thanks!

Do you have any questions?

For more infographics check my Tableau Public:

<https://public.tableau.com/profile/claudia1368#!/?newProfile=&activeTab=0>



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