

# French VS Scandinavian Happiness

## Data Visualization Project

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Have you ever heard something like ...



Is that true? If so, why are Scandinavians always happier than us?

## World Happiness Report Dataset

Number of countries

155

Year of creation

2012

Lowest score

2.40

↓ -(Afghanistan - 2022)

Highest score

7.84

↑ (Finland - 2021)

Happiness ladder :

0 = worst life you could have

10 = best life you could have

Factor 1

Economic production

Factor 4

Life expectancy

Factor 2

Social support

Factor 5

Absence of corruption

Factor 3

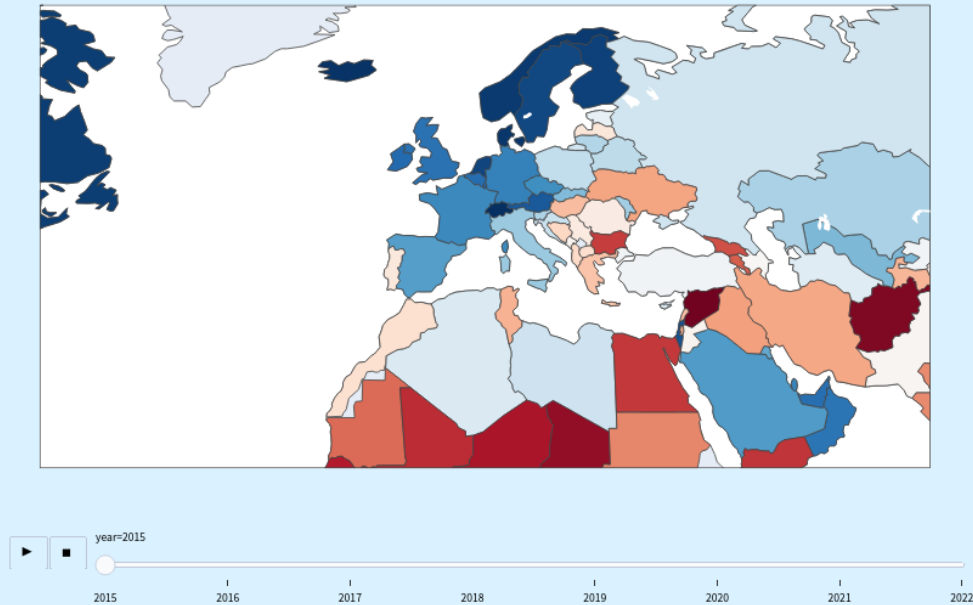
Freedom

Factor 6

Generosity

## Where does this "common knowledge" come from?

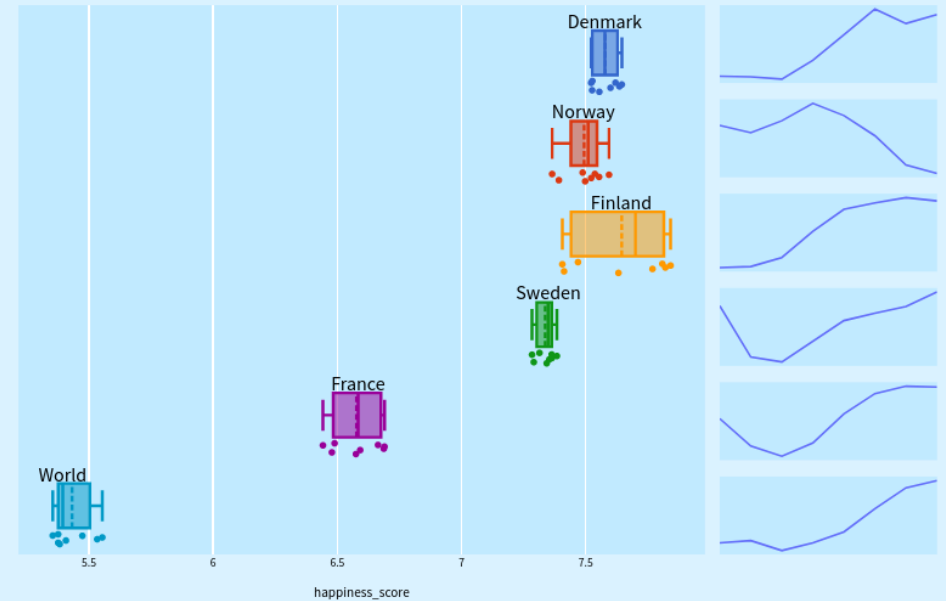
Happiness Rank for countries in the world



- Across the years:

- Clear separation of happiness level between America, Europe and Oceania on one side (happier), and Africa, Asia on the other (less happy)
- Nordic countries such as Finland, Denmark, Norway and Sweden are among the happiest in Europe

Distribution of happiness score by region



- Average happiness scores:

- Finland, Denmark, Norway and Sweden → 7.5
- France → 6.5
- World → 5.5

# What could explain the happiness score by region ?

REGION

Choose an option

America

Oceania

Asia

Africa

Europe

freedom 0.56

social\_support 0.63

health 0.73

economy 0.74

Happiness Score

Year

2021

2015

2022

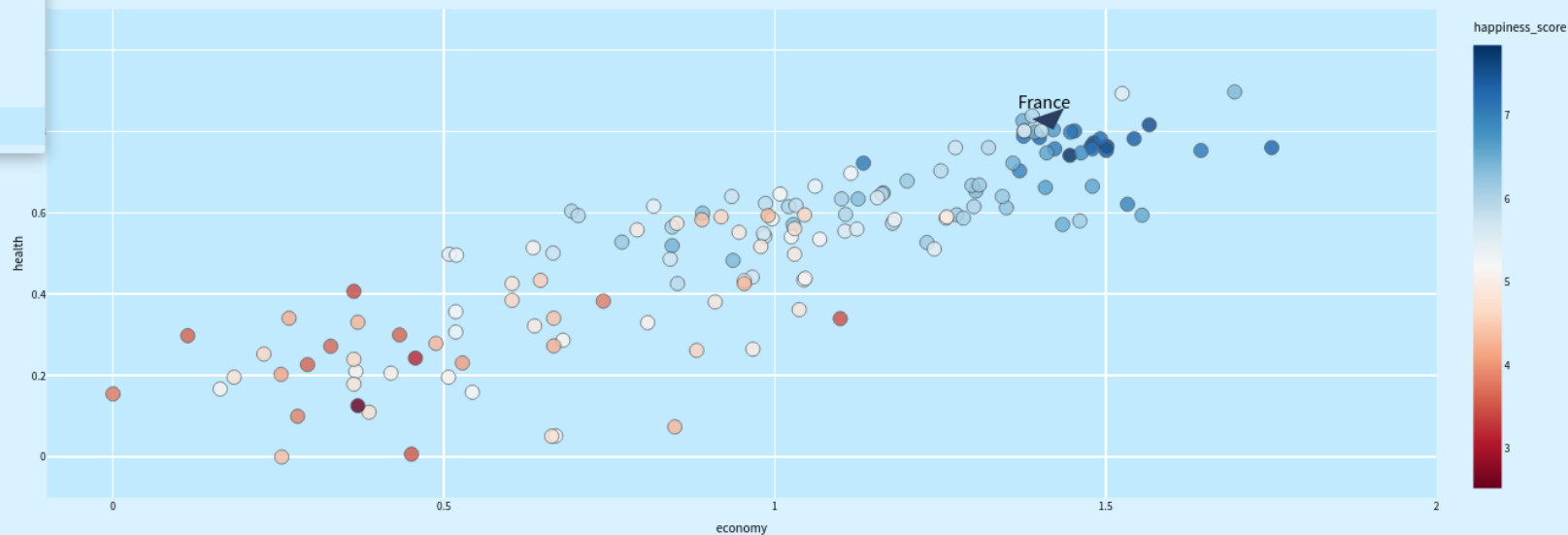
X axis

economy

Y axis

health

economy VS health colored by happiness score



- Main criteria are different at a world scale and European scale
- France performs badly concerning trust and freedom
  - similar as unhappy countries
  - far from Scandinavian countries

# What are the differences between France and Nordic countries, in practice?

Year 2021

The factors influencing happiness in Nordic and richest countries

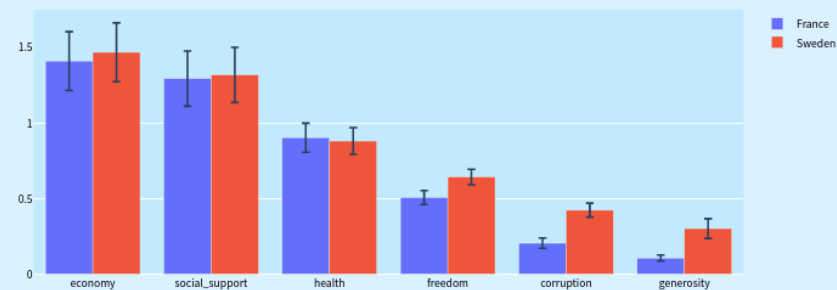
Country	Life evaluation		Log GDP per capita		Social support		Healthy life expectancy		Freedom		Generosity		Corruption	
	Average	Ranking	Average	Ranking	Average	Ranking	Average	Ranking	Average	Ranking	Average	Ranking	Average	Ranking
Finland	7.84	1	10.78	19	0.95	6	72.00	29	0.95	6	-0.10	101	0.19	4
Denmark	7.62	2	10.93	9	0.95	6	72.70	18	0.95	6	0.03	53	0.18	3
Switzerland	7.57	3	11.12	4	0.94	15	74.40	5	0.92	17	0.02	58	0.29	8
Iceland	7.55	4	10.88	12	0.98	1	73.00	17	0.96	3	0.16	14	0.67	38
Netherlands	7.46	5	10.93	9	0.94	15	72.40	25	0.91	23	0.18	12	0.34	9
Norway	7.39	6	11.05	6	0.95	6	73.30	15	0.96	3	0.09	31	0.27	7
Sweden	7.36	7	10.87	14	0.93	24	72.70	18	0.94	9	0.09	31	0.24	5
Luxembourg	7.32	8	11.65	1	0.91	35	72.60	21	0.91	23	-0.03	72	0.39	11
Austria	7.27	10	10.91	11	0.93	24	73.30	15	0.91	23	0.04	48	0.48	17
Ireland	7.08	15	11.34	3	0.95	6	72.40	25	0.88	39	0.08	36	0.36	10
United States	6.95	19	11.02	7	0.92	31	68.20	51	0.84	60	0.10	27	0.70	45
France	6.69	21	10.70	23	0.94	15	74.00	6	0.82	69	-0.15	121	0.57	22
United Arab Emirates	6.56	25	11.08	5	0.84	71	67.33	62	0.93	13	0.07	40	0.59	24
Singapore	6.38	32	11.49	2	0.92	31	76.95	1	0.93	13	-0.02	68	0.08	1
Hong Kong S.A.R. of China	5.48	76	11.00	8	0.84	71	76.82	2	0.72	113	0.07	40	0.40	12
Nordic average	7.55		10.90		0.95		72.74		0.95		0.05		0.31	
Richest average	7.13		11.08		0.92		72.72		0.91		0.06		0.37	
World average	5.53		9.43		0.81		64.99		0.79		-0.02		0.73	

Country to compare

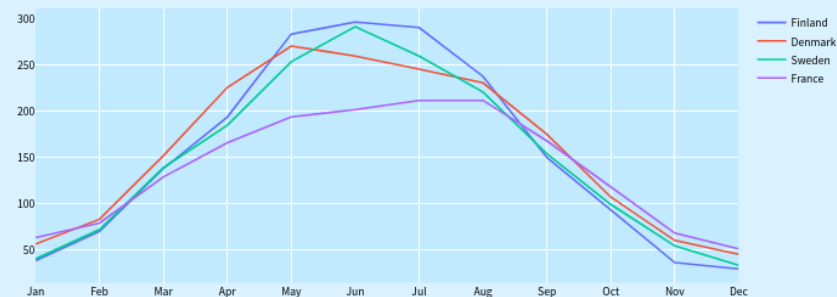
Sweden X



Contribution of criteria to the happiness score in France and ['Sweden']



Sunshine hours per month



## As a conclusion...

- Main differences between France and Scandinavia : Generosity, Corruption, Freedom
- Main criteria at global scale = Impartials
- Main criteria at european scale = Subjectives!