Visualizations and analysis

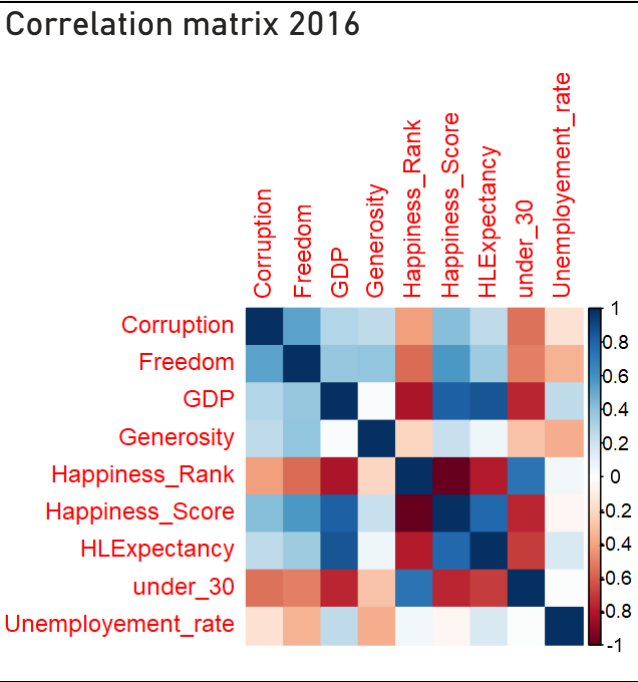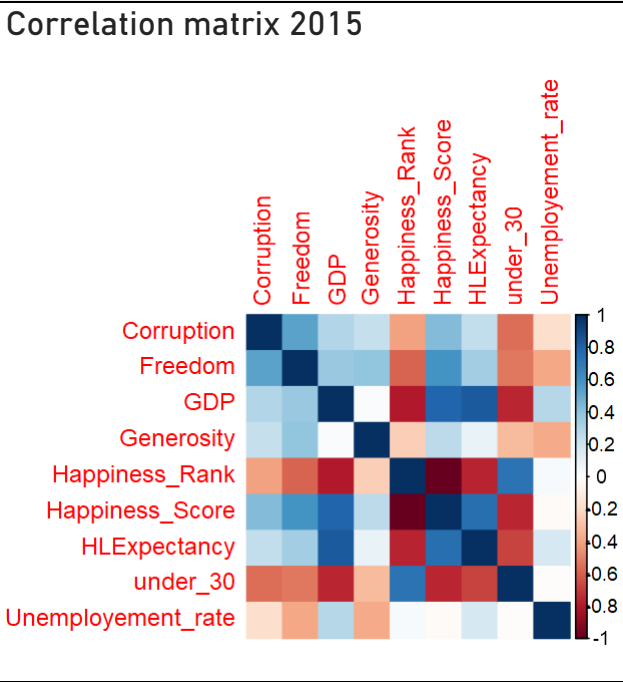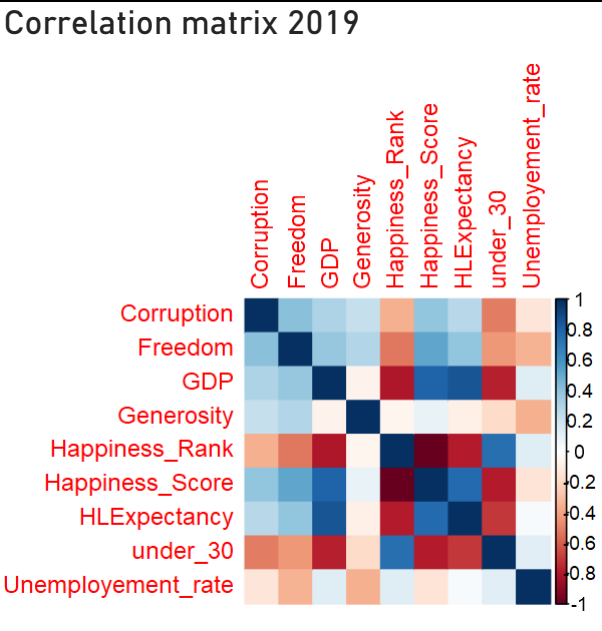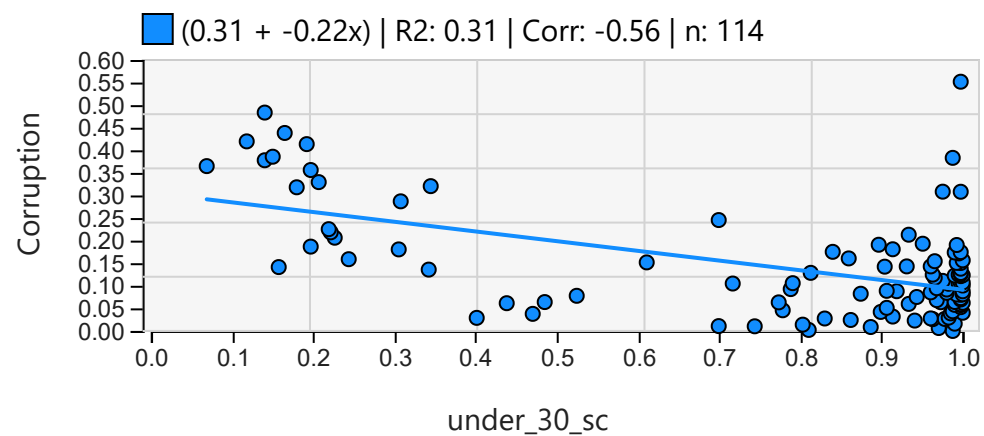| Jahr	Corruption	Country	Country_code	Freedom	Generosity	GDP	Happiness_Rank	Happiness_Score	HLExpectancy	under_30	Unem
2015	0,00	Indonesia	IDN	0,47	0,52	0,83	74	5,40	0,64	98,82	
2015	0,00	Bosnia and Herzegovina	BIH	0,09	0,25	0,83	96	4,95	0,79	81,08	
2015	0,01	Romania	ROU	0,35	0,14	1,04	86	5,12	0,77	97,18	
2015	0,01	Bulgaria	BGR	0,31	0,12	1,01	134	4,22	0,77	88,78	
2015	0,01	Lithuania	LTU	0,21	0,03	1,15	56	5,83	0,73	74,42	
2015	0,01	Portugal	PRT	0,51	0,14	1,16	88	5,10	0,88	69,89	
2015	0,01	Greece	GRC	0,08	0,00	1,15	102	4,86	0,88	80,34	
2015	0,02	Moldova	MDA	0,33	0,21	0,59	52	5,89	0,62	99,08	
2015	0,02	Jamaica	JAM	0,50	0,21	0,81	65	5,71	0,69	94,09	
2015	0,02	Croatia	HRV	0,26	0,05	1,08	62	5,76	0,79	86,29	
2015	0,03	Serbia	SRB	0,20	0,19	0,92	87	5,12	0,75	96,43	
2015	0,03	Mongolia	MNG	0,44	0,33	0,83	100	4,87	0,60	97,91	
2015	0,03	Hungary	HUN	0,32	0,13	1,12	104	4,80	0,76	83,05	
2015	0,03	China	CHN	0,52	0,08	0,89	84	5,14	0,82	96,12	

Correlation matrix 2019

Correlation matrix 2015

Correlation matrix 2016

Correlation matrix 2017

Correlation matrix 2018
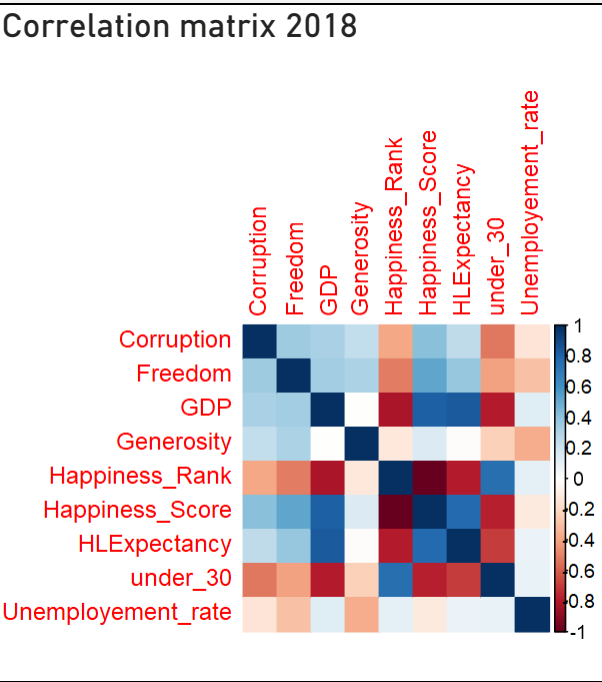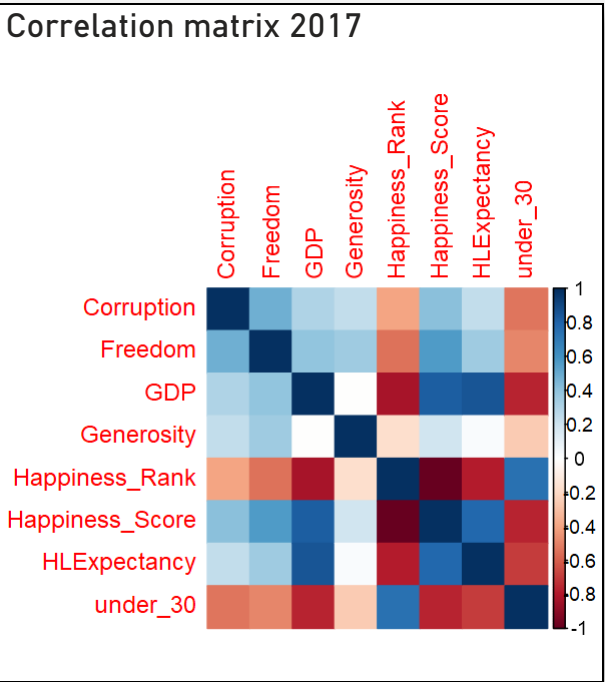
Corruption and under_30_sc

(0.31 + -0.22x) | R2: 0.31 | Corr: -0.56 | n: 114

Happiness_Score and under_30_sc

(7.76 + -2.97x) | R2: 0.57 | Corr: -0.76 | n: 114

GDP and under_30_sc

(1.62 + -0.99x) | R2: 0.57 | Corr: -0.75 | n: 114
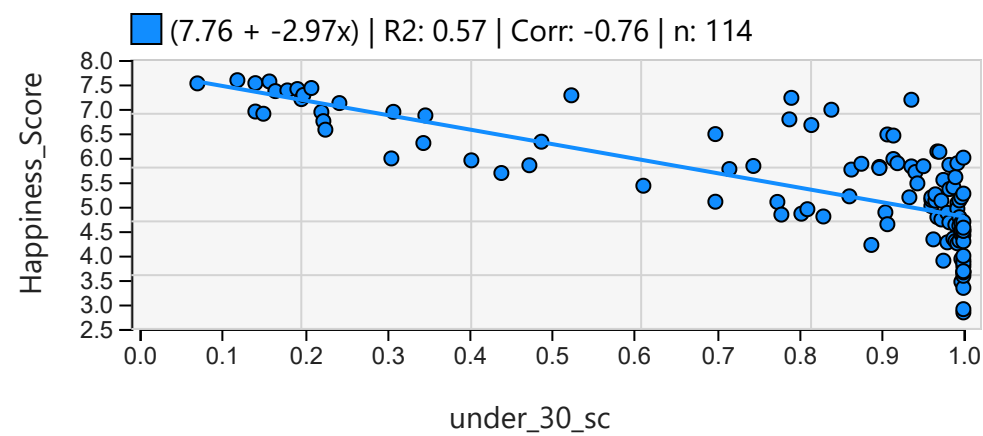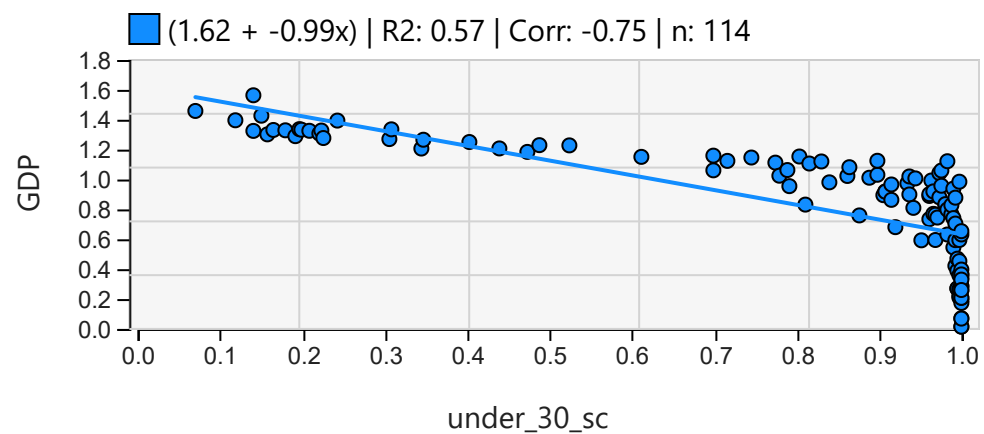
HLExpectancy and under_30_sc

(1.06 + -0.53x) | R2: 0.45 | Corr: -0.67 | n: 114

Freedom and under_30_sc

■ (0.65 + -0.26x) | R2: 0.28 | Corr: -0.53 | n: 114

Happiness_Score and under_30_sc

■ (7.76 + -2.97x) | R2: 0.57 | Corr: -0.76 | n: 114
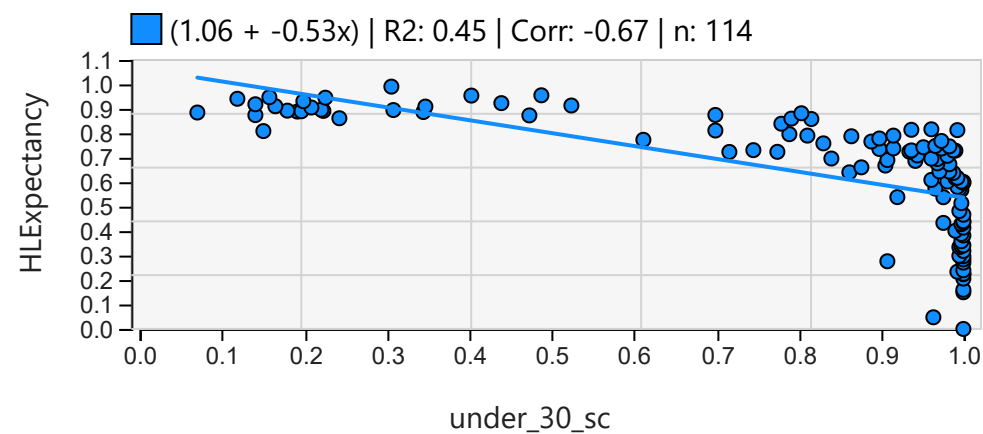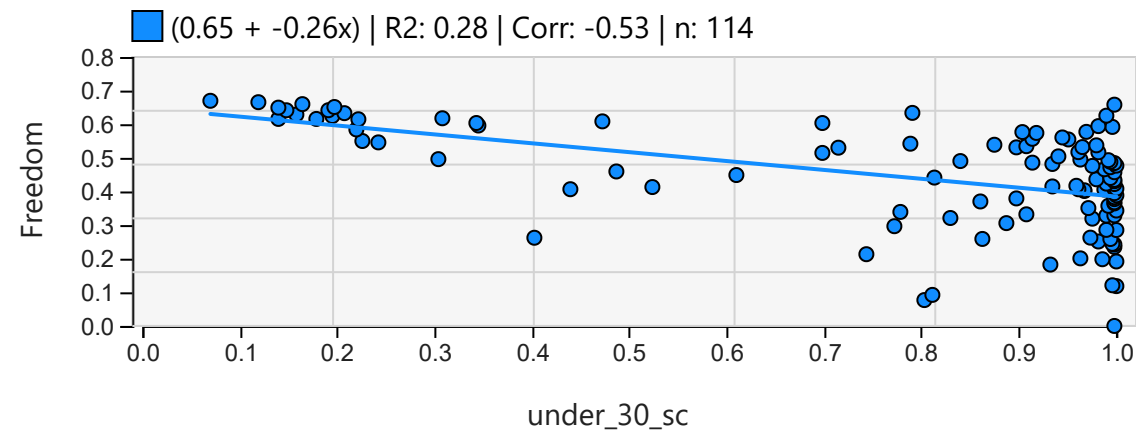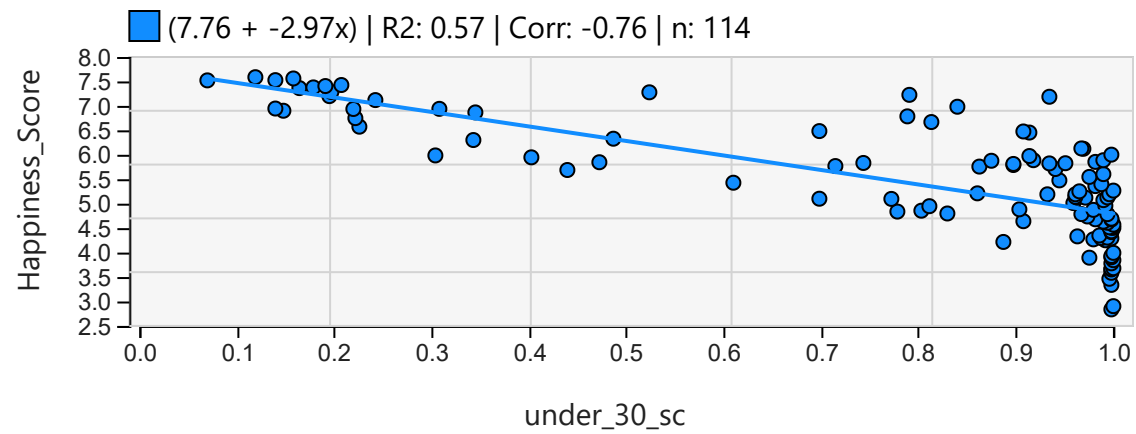
Generosity and under_30_sc
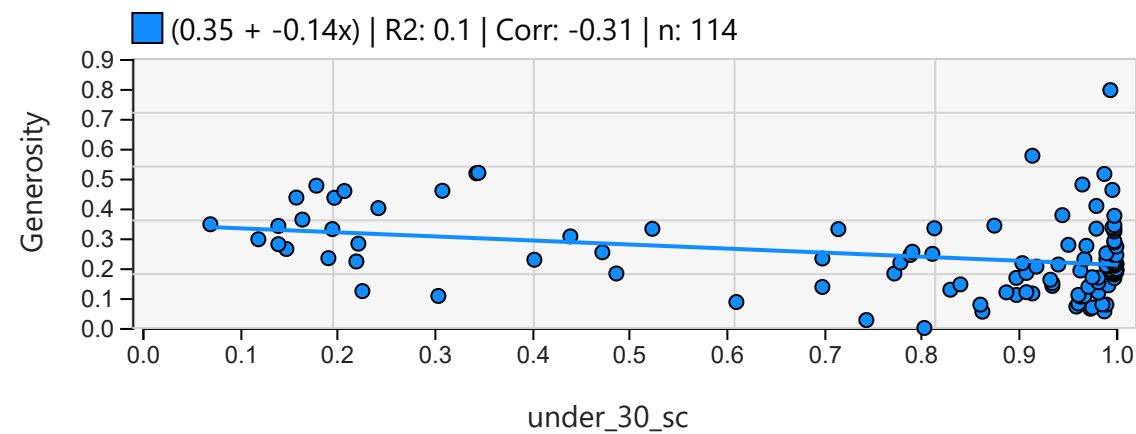
■ (0.35 + -0.14x) | R2: 0.1 | Corr: -0.31 | n: 114

Country

Microsoft Bing

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Countries in datasets

Legend: ● Happiness ● Poverty ● final data ● Unemployement
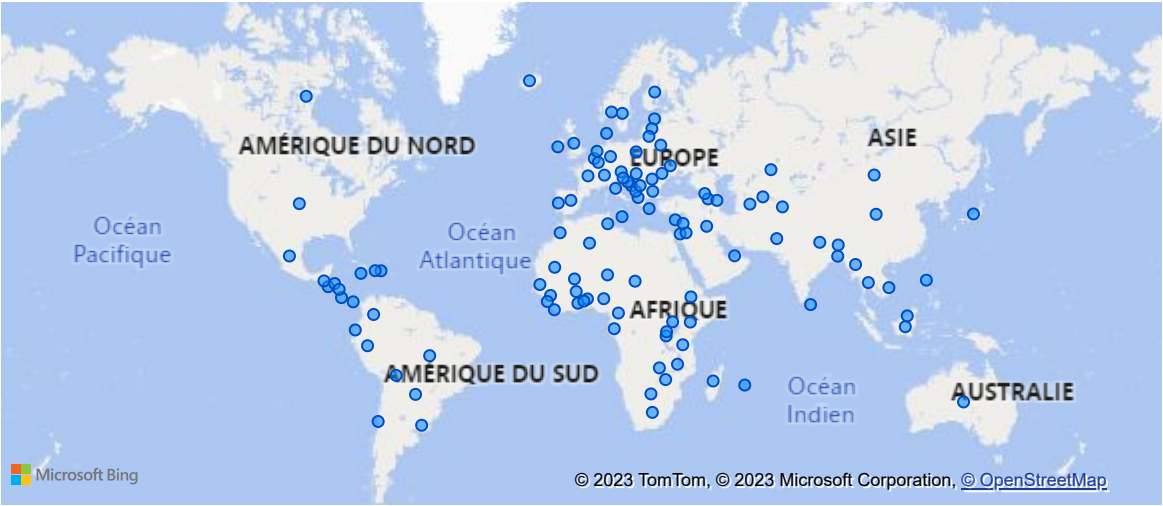
	Happiness	Poverty	final data	Unemployement
Value	169	181	114	235
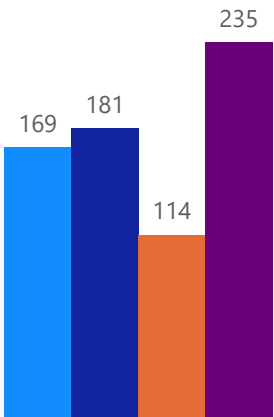
Country	Country_code	Corruption	Freedom	Happiness_Score	HLExpe
Kosovo	NA	0,01	0,49	6,10	
Kosovo	NA	0,02	0,45	5,66	
Kosovo	NA	0,05	0,25	5,59	
Kosovo	NA	0,06	0,26	5,28	
Kosovo	NA	0,07	0,14	5,40	
Somaliland region	NA	0,37	0,39	5,06	
Somaliland region	NA	0,40	0,47	5,06	

Country	Country_code
AFRICA EASTERN AND SOUTHERN	NA
AFRICA WESTERN AND CENTRAL	NA
ARAB WORLD	NA
CARIBBEAN SMALL STATES	NA
CENTRAL EUROPE AND THE BALTICS	NA
CHANNEL ISLANDS	NA
EARLY-DEMOGRAPHIC DIVIDEND	NA
EAST ASIA & PACIFIC	NA
EAST ASIA & PACIFIC (EXCLUDING HIGH INCOME)	NA
EAST ASIA & PACIFIC (IDA & IBRD COUNTRIES)	NA
EAST ASIA AND PACIFIC	NA
EURO AREA	NA
EUROPE & CENTRAL ASIA	NA
EUROPE & CENTRAL ASIA (EXCLUDING HIGH INCOME)	NA
EUROPE & CENTRAL ASIA (IDA & IBRD COUNTRIES)	NA
EUROPE AND CENTRAL ASIA	NA
EUROPEAN UNION	NA
FRAGILE AND CONFLICT AFFECTED SITUATIONS	NA
HEAVILY INDEBTED POOR COUNTRIES (HIPC)	NA
HIGH INCOME	NA
IBRD ONLY	NA
IDA & IBRD TOTAL	NA
IDA BLEND	NA
IDA ONLY	NA
IDA TOTAL	NA
KOSOVO	NA

Conclusion :

- Unemployement is suprisingly having no correlation with other indicators which was not expected. We refer the reasons to the Tax systems and working conditions used in the analysed countries.

- Poverty indicator relates so much with the happiness indicators and has in many ways a linear dependency with them .