

Gender inequality and differences in life expectancy in the European Union

Supplementary tables

Table S1: Domains and indicators included in the gender equality index

WORK
Participation
Duration of working life (years)
FTE employment rate (%)
Segregation and quality of work
Employed people in education, human health and social work activities (%)
Ability to take one hour or two off during working hours to take care of personal or family matters (%)
Career Prospects Index (points, 0-100)
MONEY
Financial resources
Mean monthly earnings (PPS)
Mean equivalised net income (PPS)
Economic situation
Not at-risk-of-poverty (%)
Income distribution S20/80
KNOWLEDGE
Attainment and participation
Graduates of tertiary education (%)
People participating in formal or non-formal education (%)
Segregation
Tertiary students in education, health and welfare, humanities and arts (%)
TIME
Care activities
People caring for and educating their children or grandchildren, elderly or people with disabilities, every day (%)
People doing cooking and/or household, every day (%)
Social activities
Workers doing sporting, cultural or leisure activities outside of their home, at least daily or several times a week (%)
Workers involved in voluntary or charitable activities, at least once a month (%)
POWER
Political
Share of ministers (%)
Share of members of parliament (%)
Share of members of regional assemblies (%)
Economic
Share of members of boards in largest quoted companies, supervisory board or board of directors (%)
Share of board members of central bank (%)
Social
Share of board members of research funding organisations (%)
Share of board members of publicly owned broadcasting organisations (%)
Share of members of highest decision-making body of the national Olympic sport organisations (%)

HEALTH

Status

Self-perceived health, good or very good (%)

Life expectancy at birth (years)

Healthy life years at birth (years)

Behaviour

People who don't smoke and are not involved in harmful drinking (%)

People doing physical activities and/or consuming fruits and vegetables (%)

Access

Population without unmet needs for medical examination (%)

Population without unmet needs for dental examination (%)

Table S2: Life expectancy, in years, for women and men in EU member states in 2019

Country	Code	Total	Women	Men	Gender gap
Austria	AT	82	84.2	79.7	4.5
Belgium	BE	82.1	84.3	79.8	4.5
Bulgaria	BG	75.1	78.8	71.6	7.2
Croatia	HR	78.6	81.6	75.5	6.1
Cyprus	CY	82.3	84.4	80.3	4.1
Czechia	CZ	79.3	82.2	76.4	5.8
Denmark	DE	81.5	83.5	79.5	4
Estonia	EE	79	83	74.5	8.5
Finland	FI	82.1	84.8	79.3	5.5
France	FR	83	85.9	79.9	6
Germany	DE	81.3	83.7	79	4.7
Greece	EL	81.7	84.2	79.2	5
Hungary	HU	76.5	79.7	73.1	6.6
Ireland	IE	82.8	84.7	80.8	3.9
Italy	IT	83.7	85.8	81.4	4.4
Latvia	LV	75.7	80.1	70.9	9.2
Lithuania	LT	76.5	81.2	71.6	9.6
Luxembourg	LU	82.7	85.2	80.2	5
Malta	MT	82.9	84.6	81.2	3.4
Netherlands	NL	82.2	83.7	80.6	3.1
Poland	PL	78	81.9	74.1	7.8
Portugal	PT	81.9	84.8	78.7	6.1
Romania	RO	75.6	79.5	71.9	7.6
Slovakia	SI	77.8	81.2	74.3	6.9
Slovenia	SK	81.6	84.5	78.7	5.8
Spain	ES	84	86.7	81.1	5.6
Sweden	SE	83.2	84.8	81.5	3.3
European Union	EU	81.3	84.0	78.5	5.5

Gender gap calculated as difference in life expectancy between women and men.

Table S3: Healthy life expectancy, in years, for women and men in EU member states in 2019

Country	Code	Total	Women	Men	Gender gap
Austria	AT	62.5	58	56.7	1.3
Belgium	BE	66.4	62.8	62.1	0.7
Bulgaria	BG	62.2	68.4	64.4	4
Croatia	HR	58.9	58.5	56.4	2.1
Cyprus	CY	66.3	63	62.1	0.9
Czechia	CZ	55.8	62.6	61.7	0.9
Denmark	DE	69.6	58.8	59	-0.2
Estonia	EE	66.0	57.7	53.9	3.8
Finland	FI	69.9	54.8	57.7	-2.9
France	FR	64.2	64.6	63.7	0.9
Germany	DE	57.5	67.1	65.4	1.7
Greece	EL	68.4	66.4	65.6	0.8
Hungary	HU	62.6	62.8	60.7	2.1
Ireland	IE	53.2	70.5	68.6	1.9
Italy	IT	57.6	68.6	68.1	0.5
Latvia	LV	62.6	54.1	52.2	1.9
Lithuania	LT	61.8	59.1	56	3.1
Luxembourg	LU	73.2	61.9	63.2	-1.3
Malta	MT	61.0	73.5	72.9	0.6
Netherlands	NL	57.4	59.4	62.5	-3.1
Poland	PL	62.5	64.1	60.9	3.2
Portugal	PT	59.2	57.8	60.6	-2.8
Romania	RO	60.3	60.6	59.9	0.7
Slovakia	SI	61.0	56.3	56	0.3
Slovenia	SK	56.2	61.2	60.8	0.4
Spain	ES	56.3	70.4	69.4	1
Sweden	SE	73.3	72.7	73.8	-1.1
European Union	EU	64.6	65.1	64.2	0.9

Gender gap calculated as difference in healthy life expectancy between women and men.

Table S4: Gender equality across domains of the gender equality index in EU member states in 2019

Country	Code	GEI	Work	Money	Knowledge	Time	Power	Health
Austria	AT	67.9	76.8	87.7	64.3	61.2	48.2	91.9
Belgium	BE	72.6	74.9	89.9	70.8	65.3	61.0	85.9
Bulgaria	BG	59.6	69.6	64.5	55.2	42.7	60.2	75.9
Croatia	HR	59.0	70.1	74.0	51.8	51.0	45.3	82.1
Cyprus	CY	56.9	70.6	82.6	56.0	51.3	30.0	88.1
Czechia	CZ	56.6	67.4	78.9	58.5	57.3	28.1	84.5
Denmark	DE	77.7	79.4	89.1	71.0	83.1	66.8	88.6
Estonia	EE	61.4	72.5	73.2	57.3	74.7	36.6	80.2
Finland	FI	75.2	75.5	87.9	61.9	77.4	74.3	89.3
France	FR	75.3	73.2	86.3	67.0	67.3	81.4	85.9
Germany	DE	68.3	72.4	86.0	54.7	65.0	62.8	89.2
Greece	EL	52.4	65.3	73.7	54.9	44.7	27.0	84.3
Hungary	HU	53.2	68.0	73.3	57.2	54.3	22.9	83.9
Ireland	IE	73.1	76.5	87.8	67.4	74.2	58.4	92.0
Italy	IT	63.6	63.7	79.4	59.0	59.3	52.2	87.0
Latvia	LV	61.7	74.3	68.7	50.9	65.8	50.4	75.0
Lithuania	LT	58.0	74.2	69.9	56.1	50.6	39.3	75.4
Luxembourg	LU	72.2	76.3	92.4	70.8	69.1	53.4	89.3
Malta	MT	64.9	76.8	84.2	65.2	64.2	37.5	90.9
Netherlands	NL	75.9	78.3	87.0	67.4	83.9	64.0	90.0
Poland	PL	56.3	67.2	76.7	57.6	52.5	31.5	81.2
Portugal	PT	61.7	73.2	73.6	56.5	47.5	53.6	79.8
Romania	RO	54.4	67.5	69.1	52.8	50.3	34.7	70.7
Slovakia	SI	55.8	66.8	75.1	61.6	46.3	30.7	84.1
Slovenia	SK	67.4	73.0	83.7	56.6	72.9	53.0	86.1
Spain	ES	73.5	73.7	78.4	67.9	64.0	76.9	89.4
Sweden	SE	83.8	83.1	85.4	75.2	90.1	84.5	91.9
Europe	EU	67.8	71.6	82.4	62.7	64.9	55.0	86.4

GEI, Gender Equality Index

Table S5: Spearman correlation coefficient between gender equality index and life expectancy

Gender equality index	Correlation	p-value
Total life expectancy	0.654	<0.001
Life expectancy in women	0.629	<0.001
Life expectancy in men	0.655	<0.001
Gender gap in life expectancy	-0.880	<0.001
Total healthy life expectancy	0.228	0.253
Healthy life expectancy in women	0.148	0.462
Healthy life expectancy in men	0.337	0.085
Gender gap in healthy life expectancy	-0.452	0.018

Table S6: Spearman correlation coefficient between domains of the gender equality index and life expectancy gap between women and men

Overall life expectancy		
Gender equality index	-0.603	<0.001
Work	-0.194	0.006
Money	-0.759	<0.001
Power	-0.387	0.046
Knowledge	-0.603	<0.001
Time	-0.490	0.009
Health	-0.880	<0.001

Supplementary figures

Figure S1: Change in gender equality index in the EU member states between 2010 and 2019

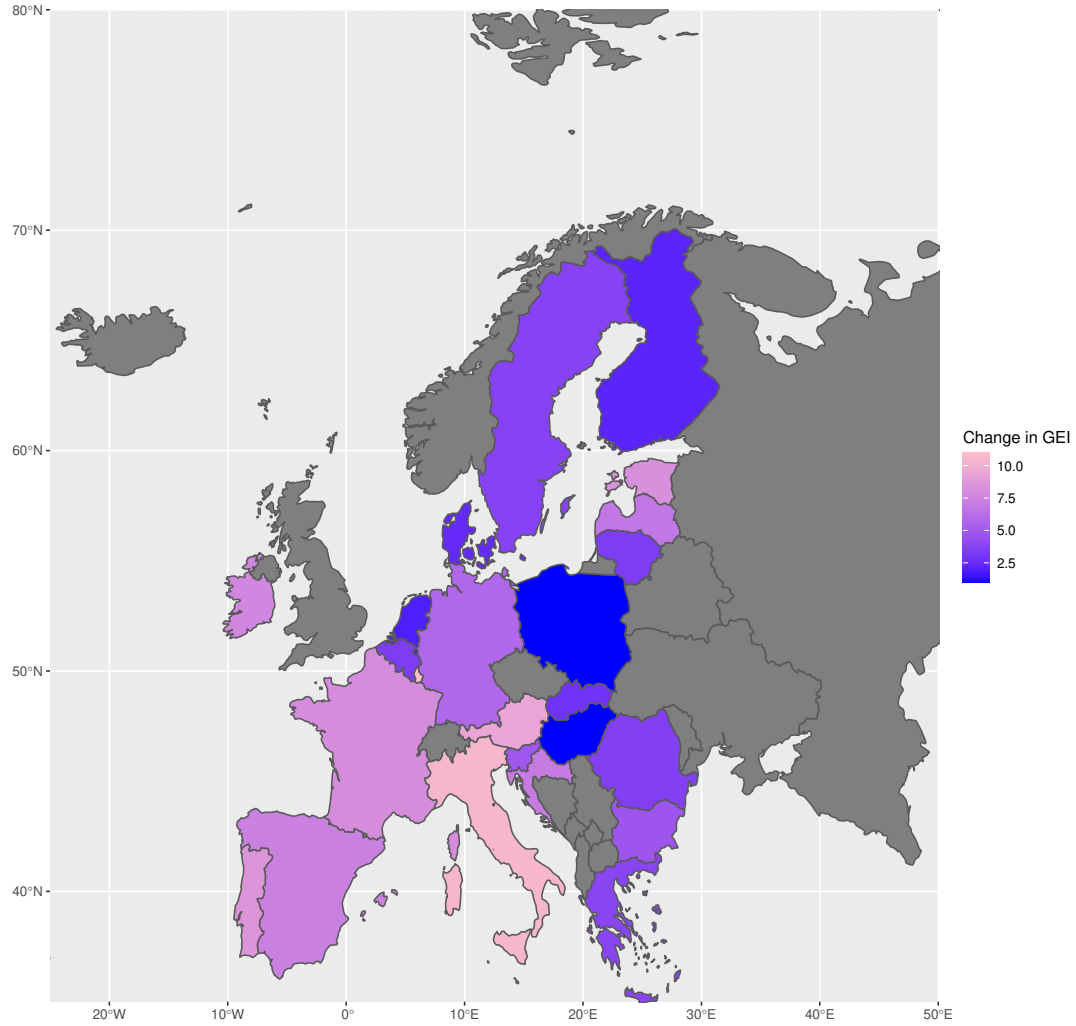
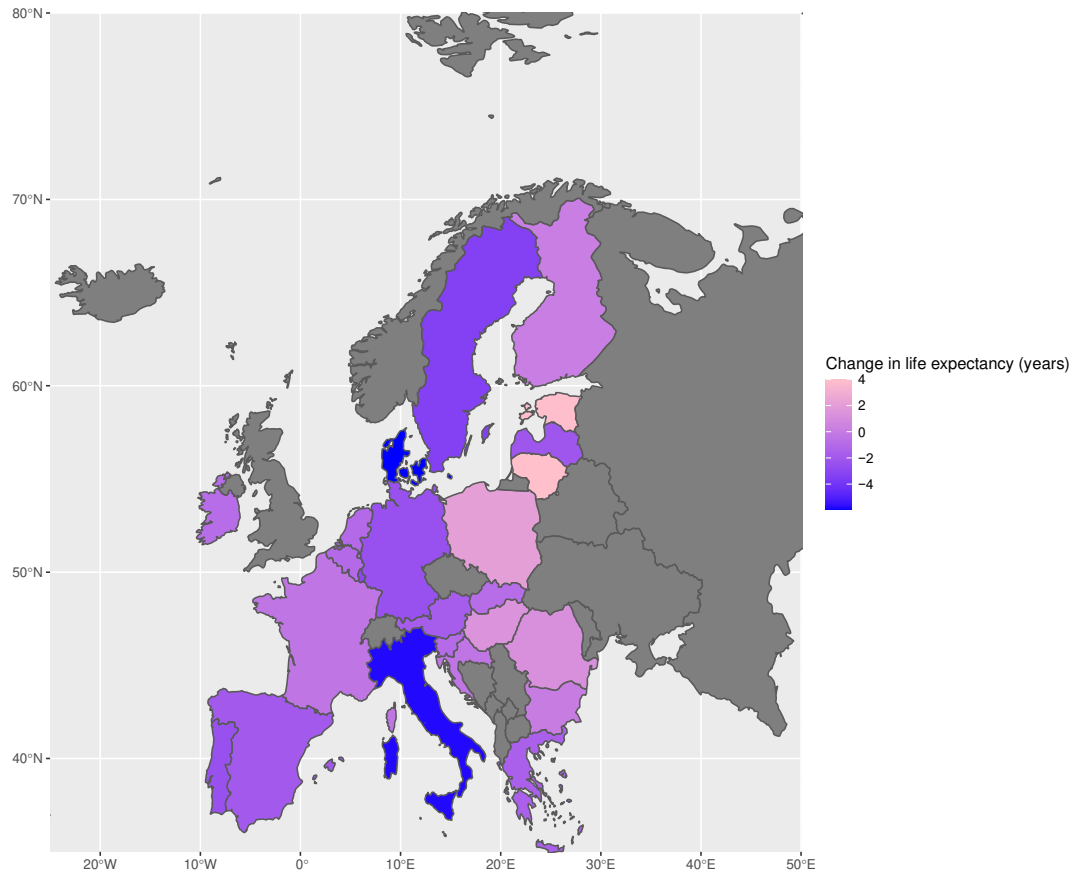


Figure S2: Change in life expectancy gap between women and men in the EU member states from 2010 to 2019



A negative change in the difference in life expectancy at birth means the gap between women and men narrowed from 2010 to 2019. As life expectancy at birth increased over time for both women and men, and women have longer life expectancy in all countries at all times, a narrowing of the gender gap implies the life expectancy increased more among men than women.

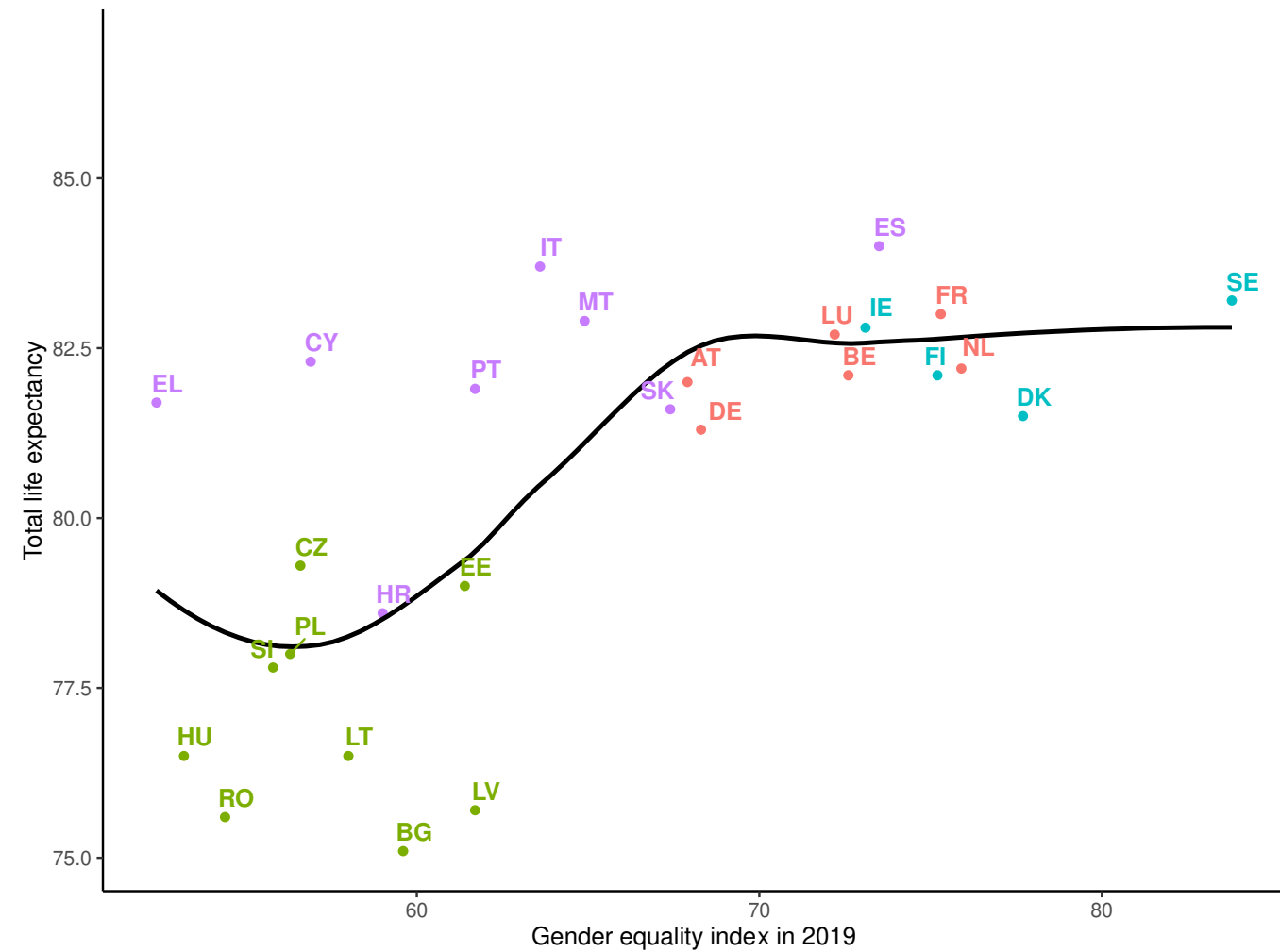
Figure S3: Correlation between gender equality index and total life expectancy in the EU member states in 2019

Figure S4: Correlation between gender equality index and healthy life expectancy for women and men in the EU member states in 2019

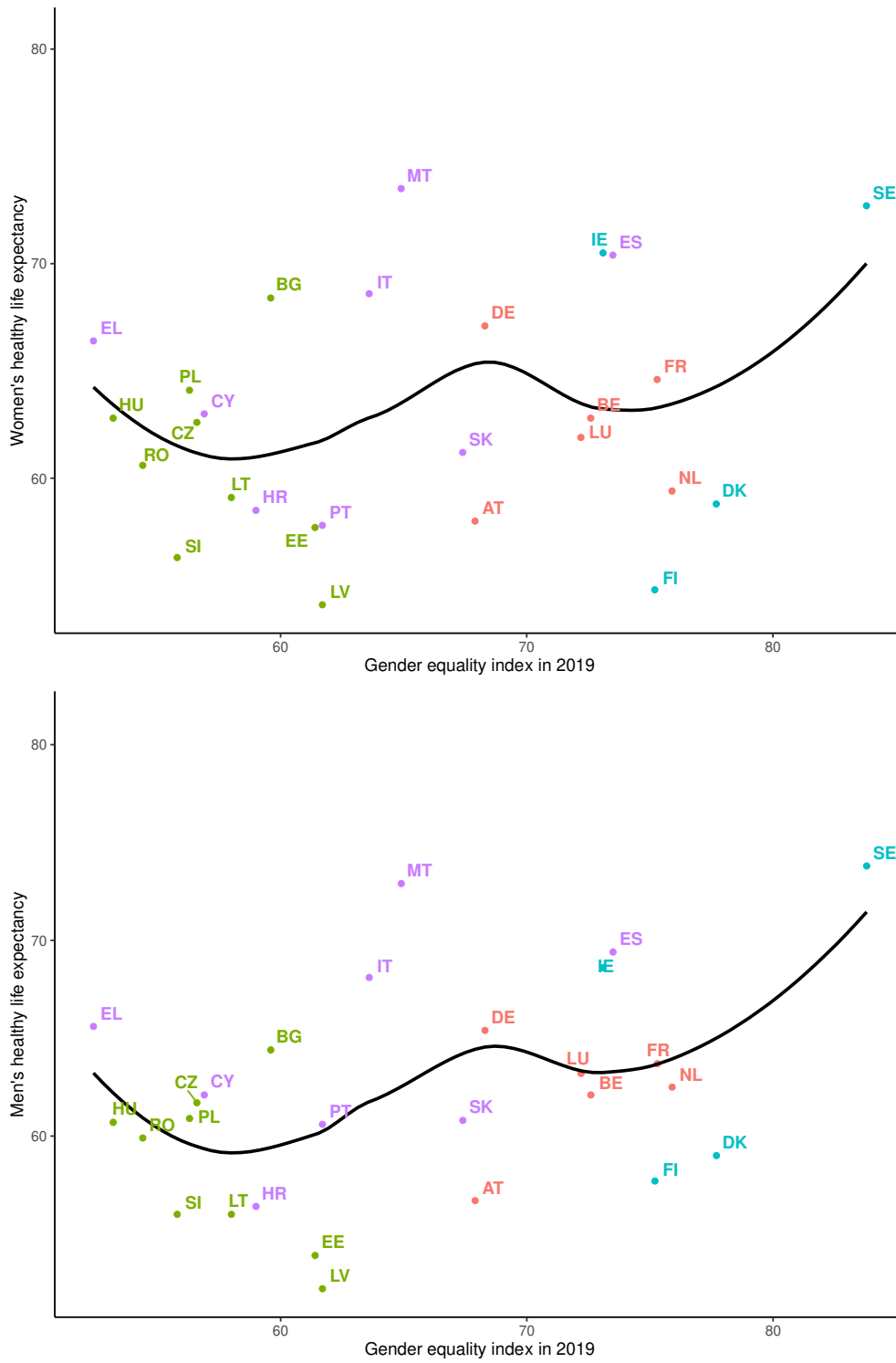


Figure S5: Correlation between gender equality index and total healthy life expectancy in the EU member states in 2019

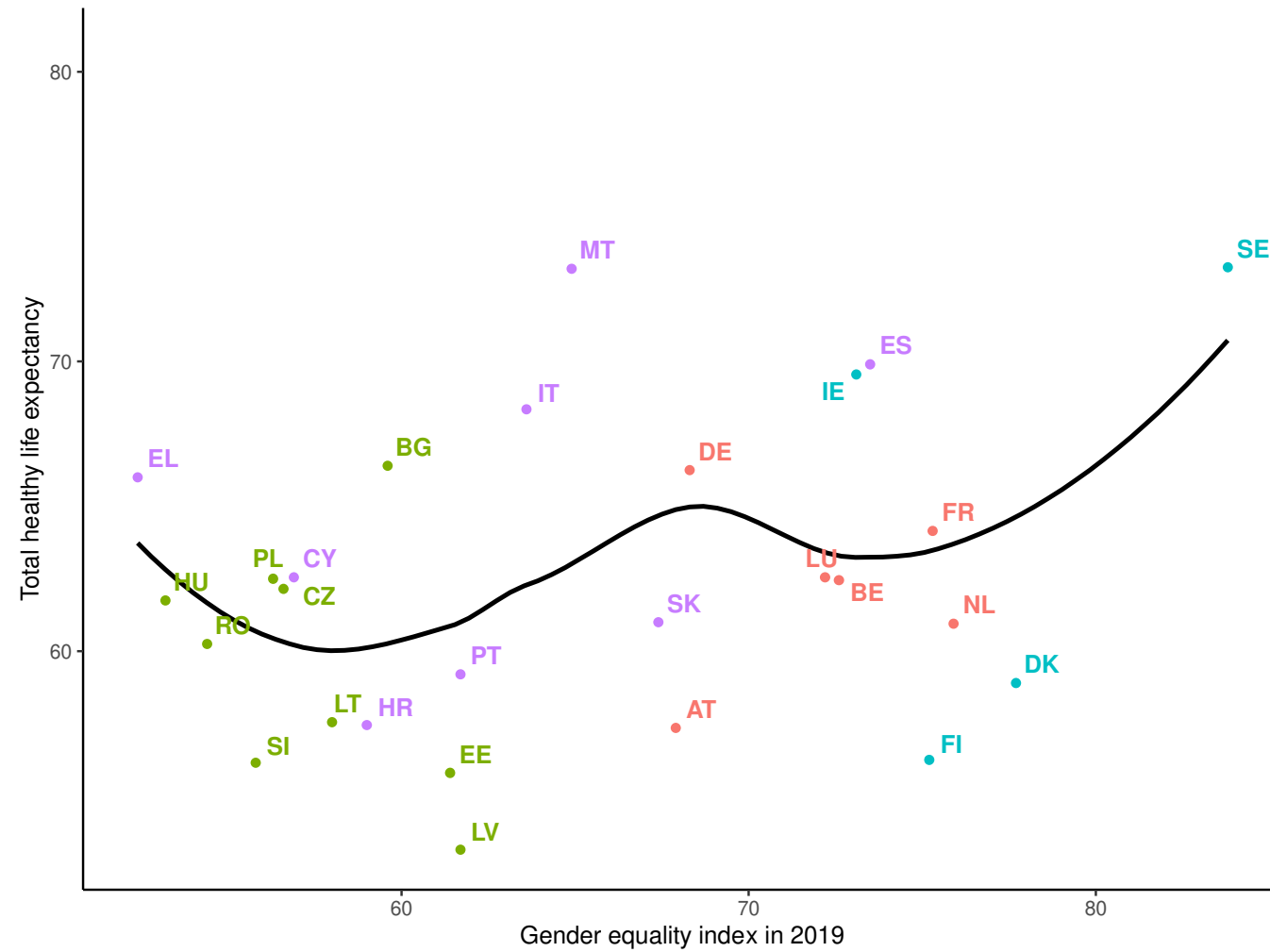


Figure S6: Correlation between gender equality index and healthy life expectancy gap between women and men in the EU member states in 2019

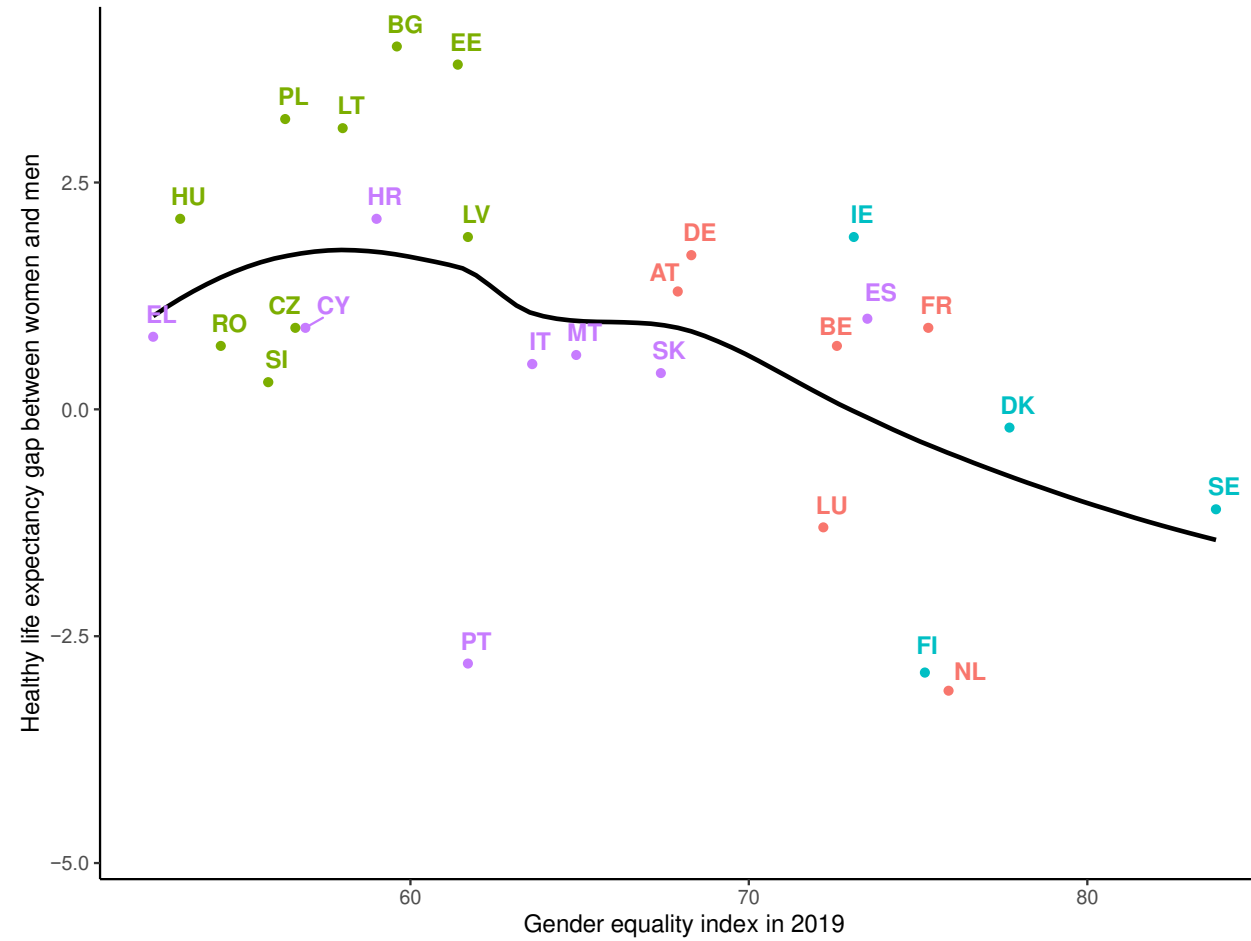


Figure S7: Correlation between domains of the gender equality index and difference in life expectancy between women and men in the EU in**2019**