

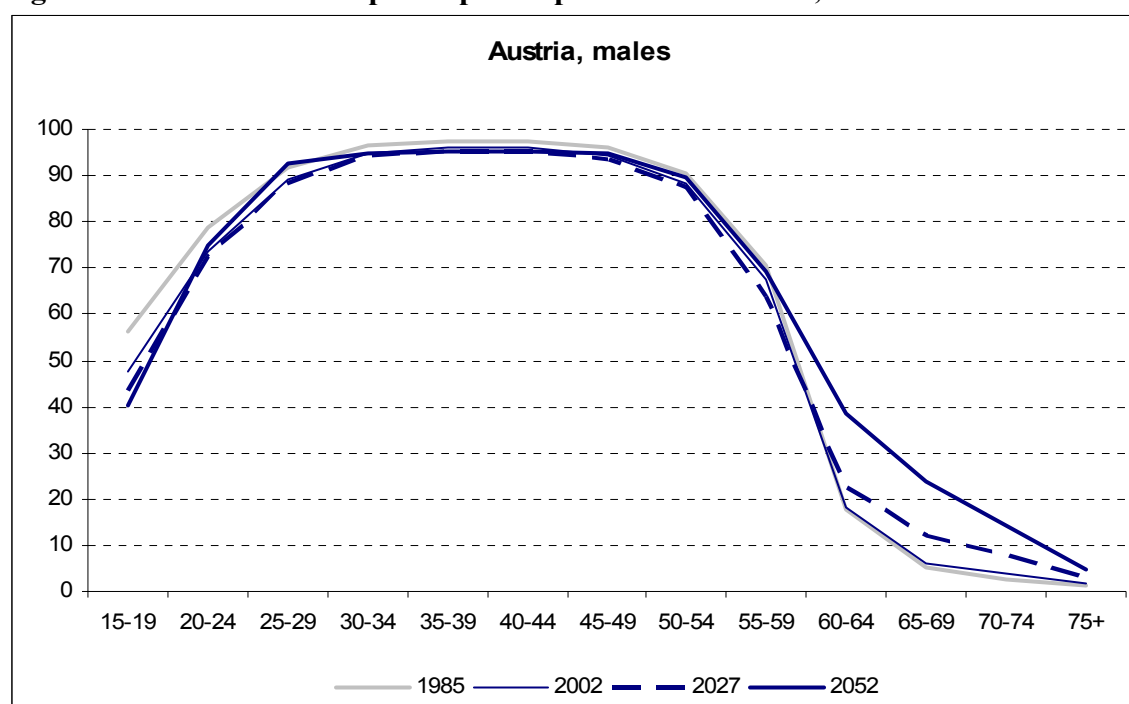
**LABOUR FORCE PARTICIPATION SCENARIOS
FOR 27 EUROPEAN COUNTRIES,
2002-2052**

Katarzyna Saczuk

Annex: Tables and Figures

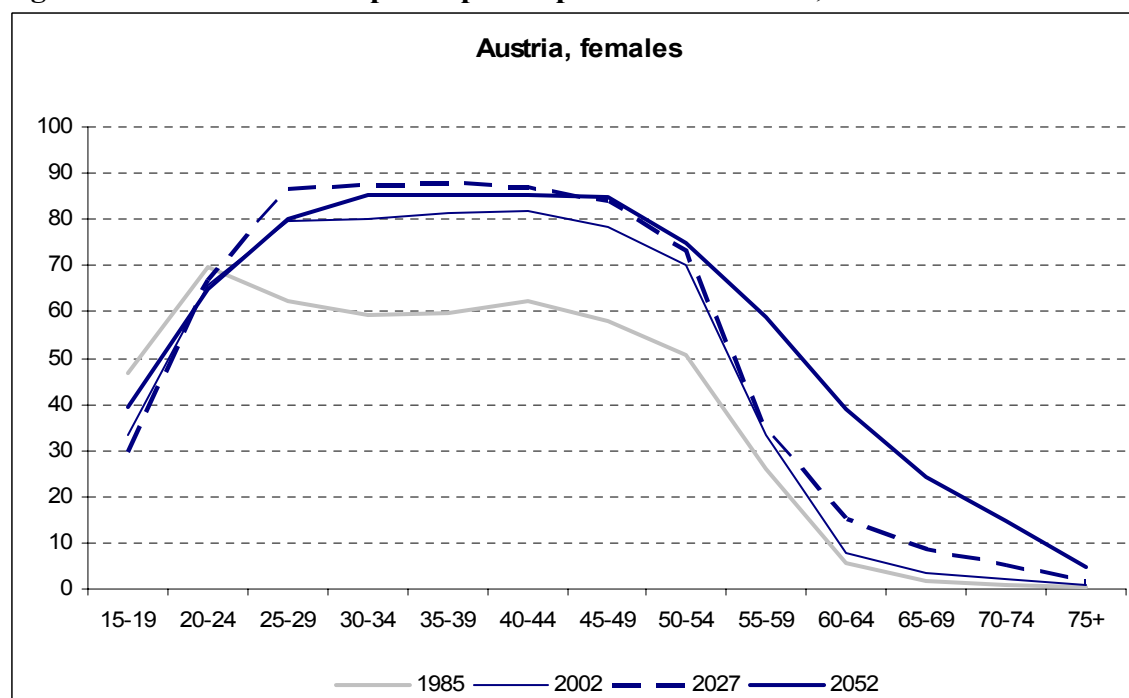
A1. Past and projected labour force participation patterns

Figure A.1a. Labour force participation patterns in Austria, males



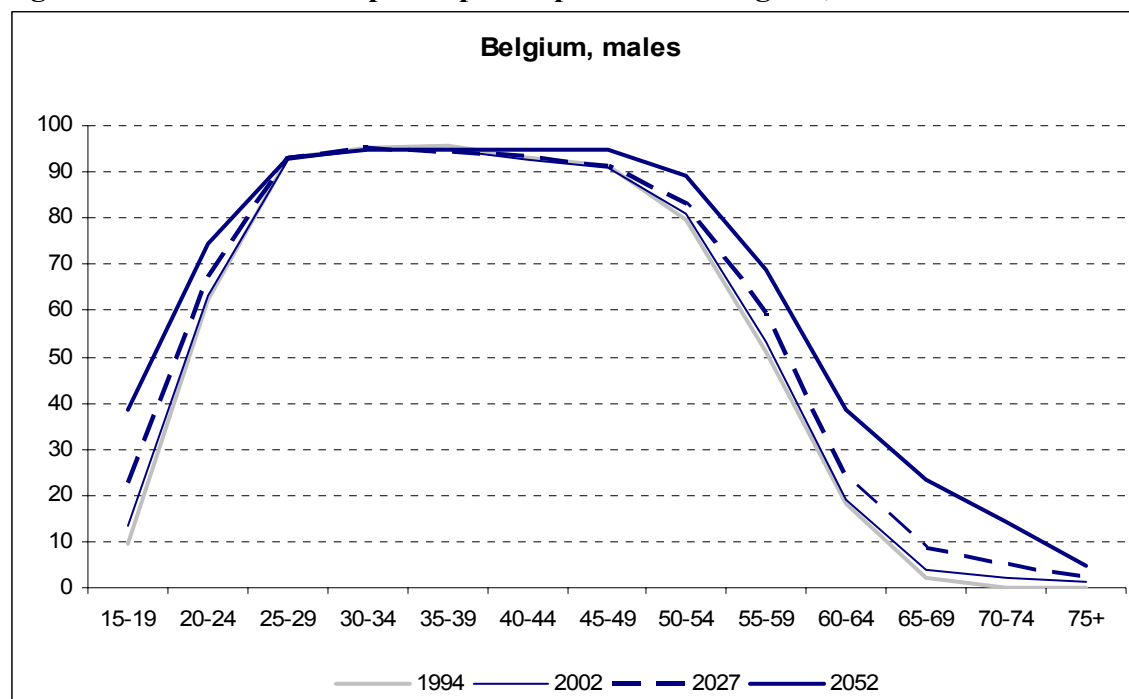
Source: own computations

Figure A.1b. Labour force participation patterns in Austria, females



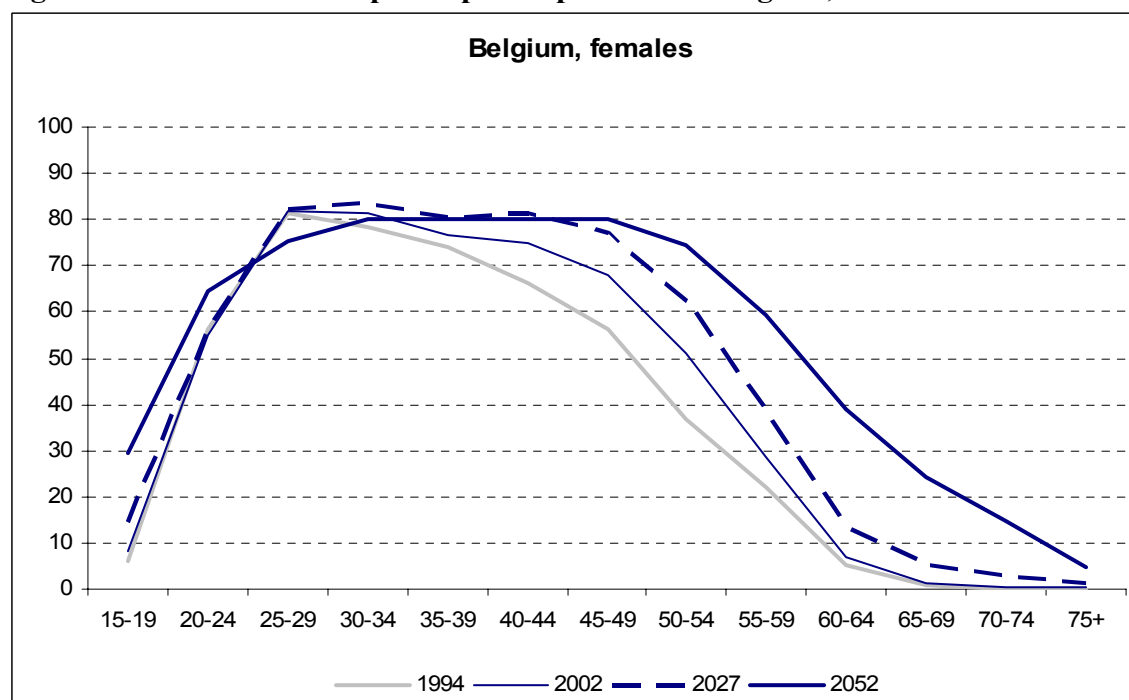
Source: own computations

Figure A.2a. Labour force participation patterns in Belgium, males



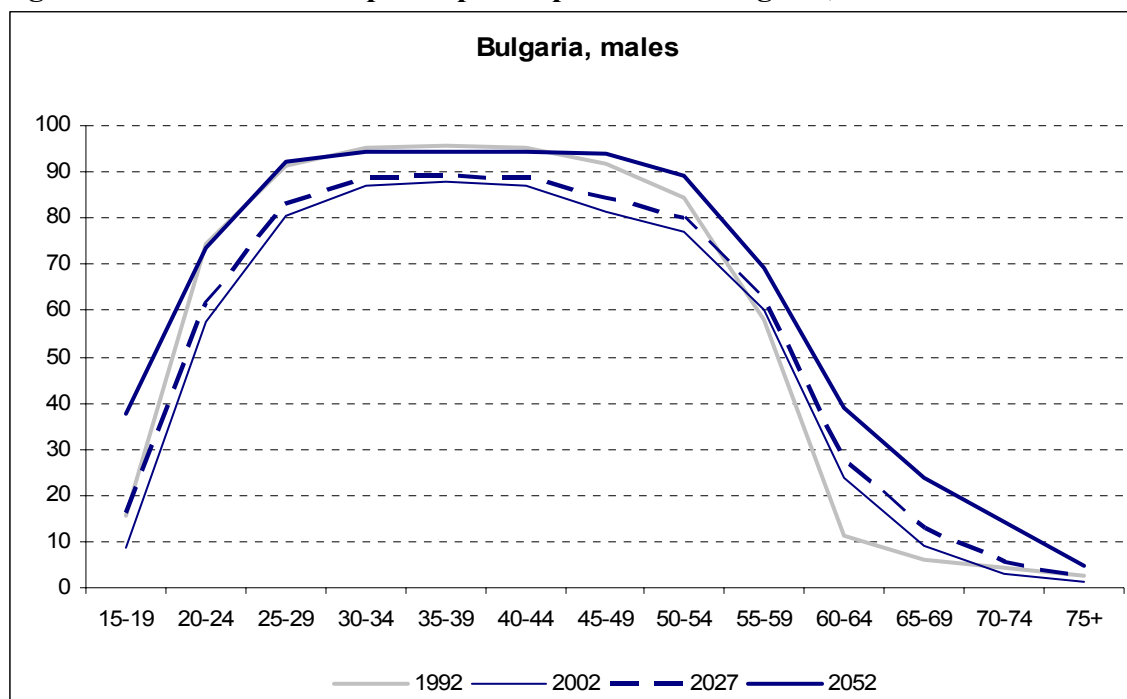
Source: own computations

Figure A.2b. Labour force participation patterns in Belgium, females



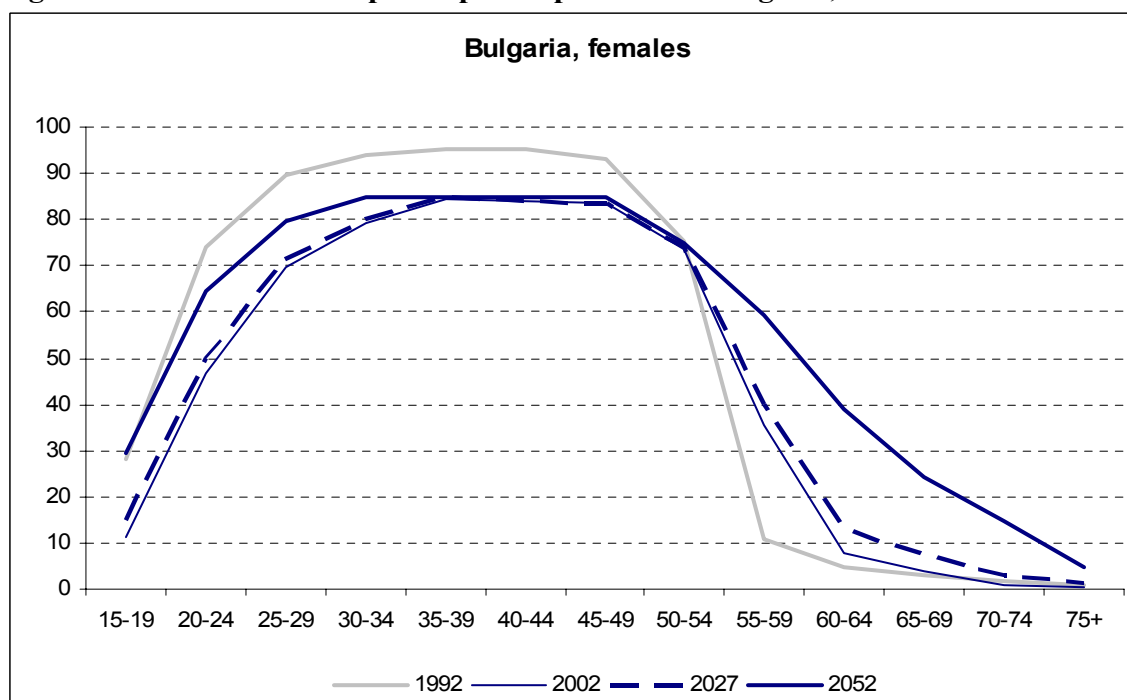
Source: own computations

Figure A.3a. Labour force participation patterns in Bulgaria, males



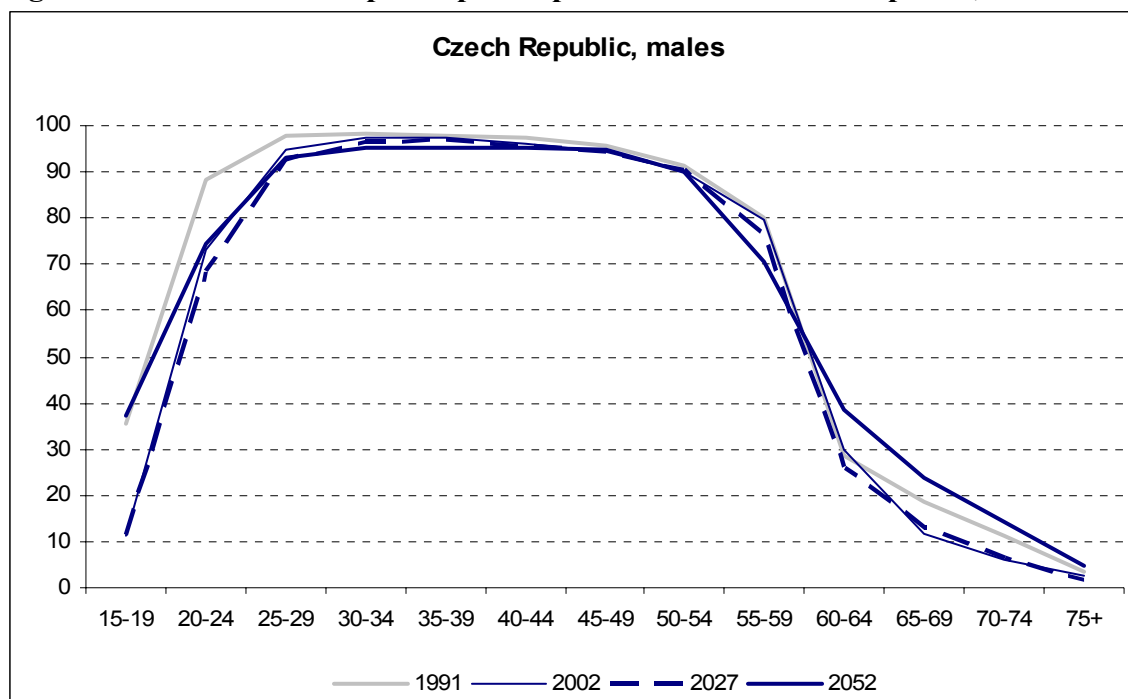
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Figure A.3b. Labour force participation patterns in Bulgaria, females



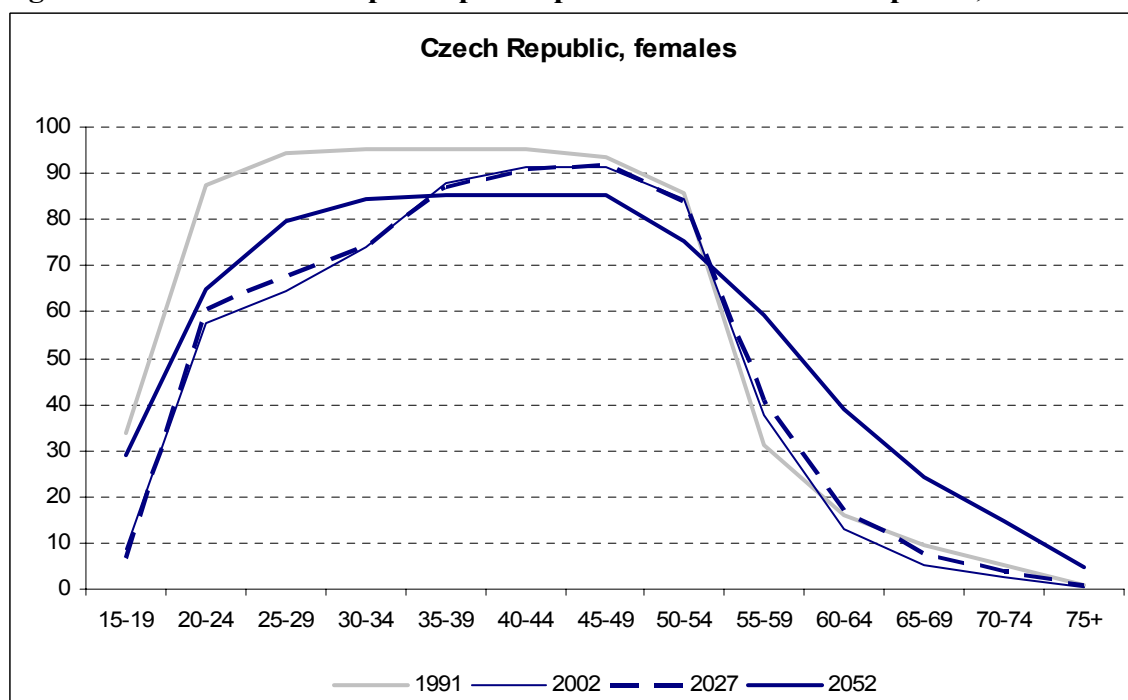
Source: own computations

Figure A.4a. Labour force participation patterns in the Czech Republic, males



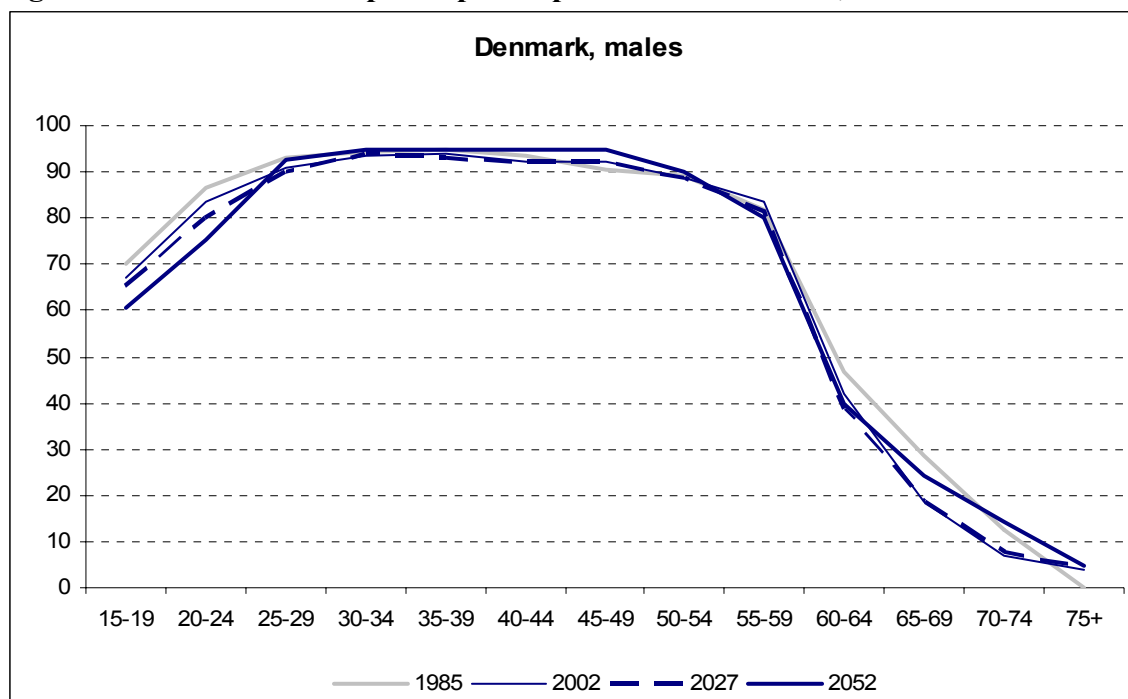
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Figure A.4b. Labour force participation patterns in the Czech Republic, females



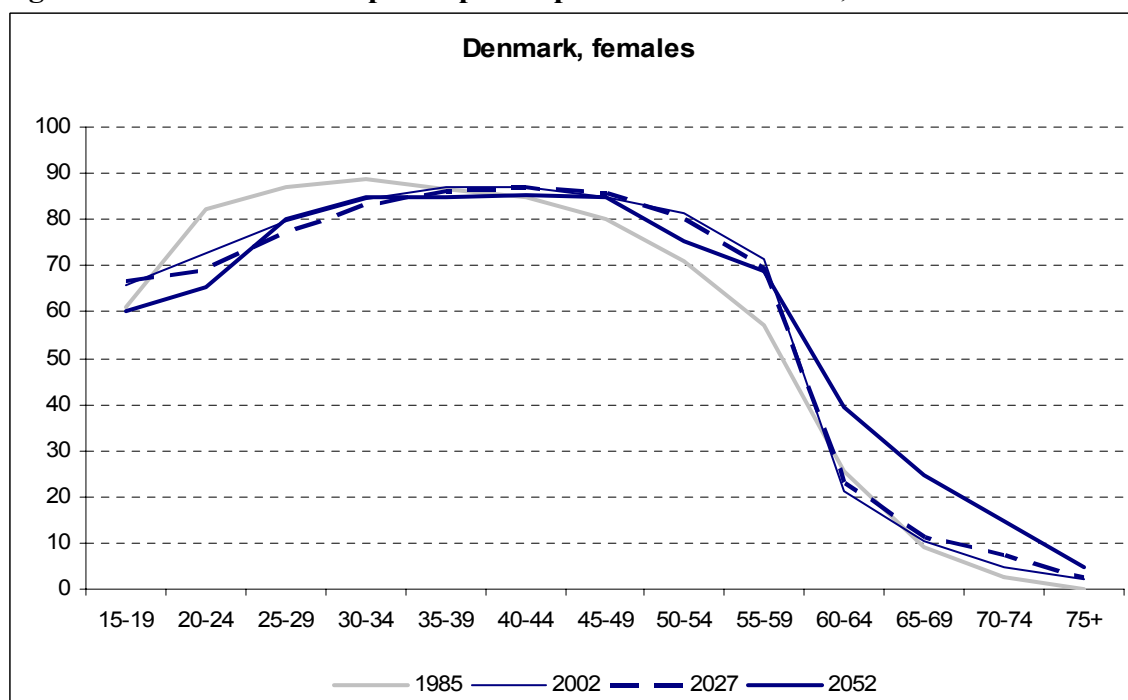
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Figure A.5a. Labour force participation patterns in Denmark, males



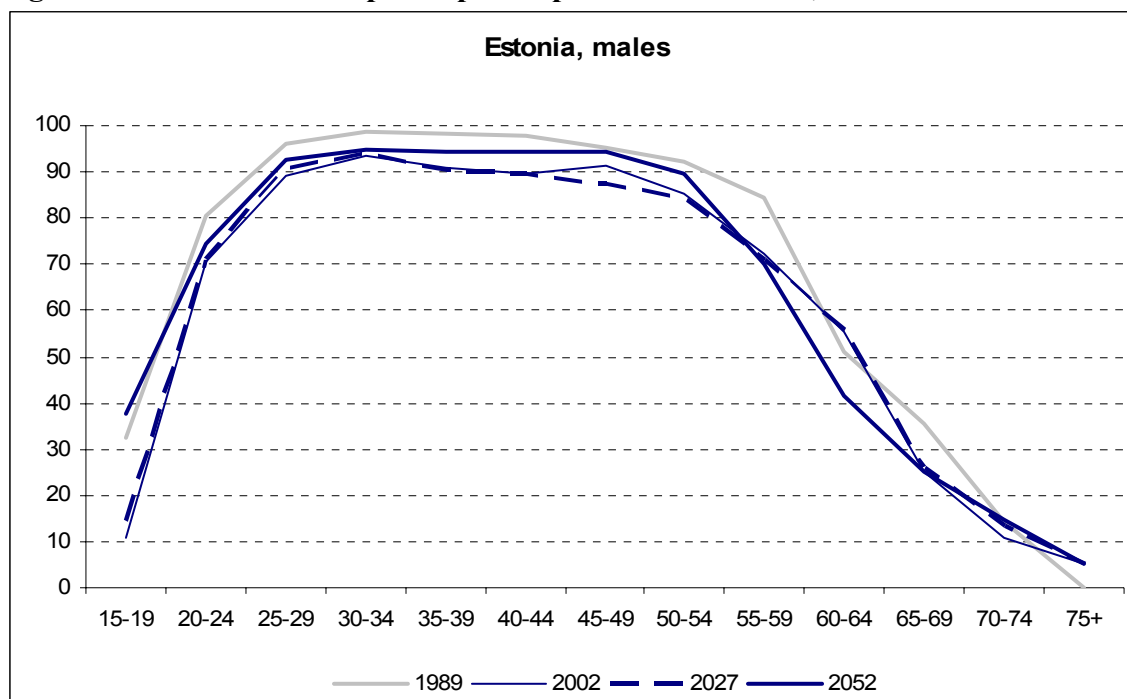
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Figure A.5b. Labour force participation patterns in Denmark, females



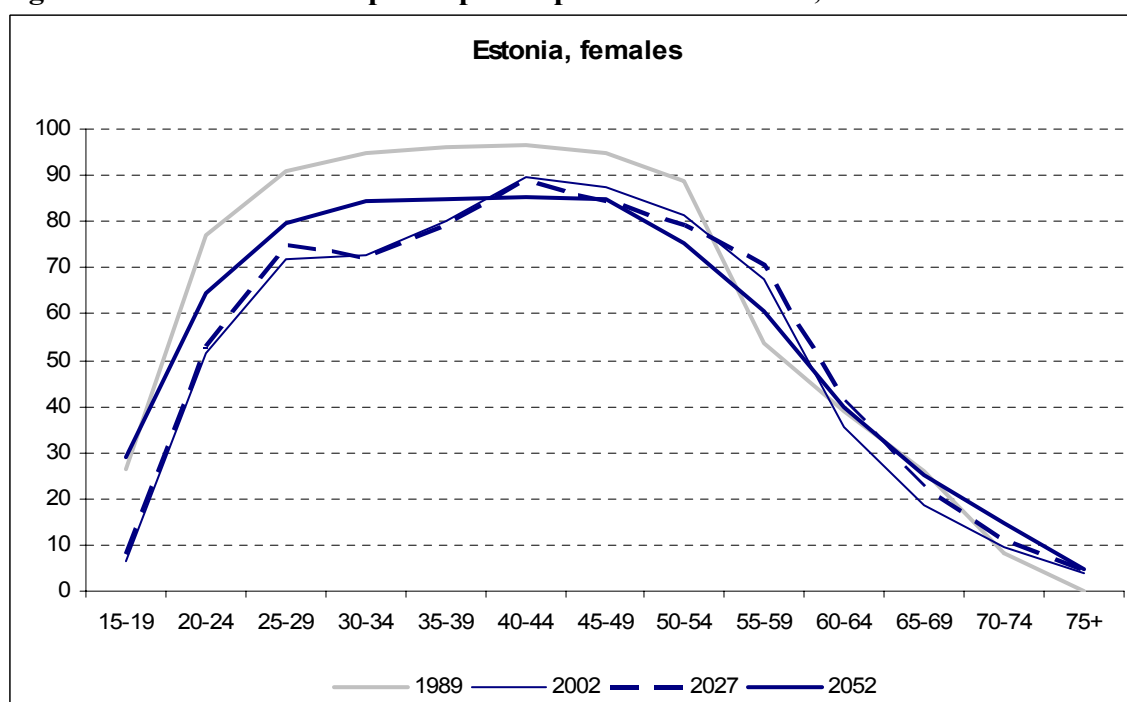
Source: own computations

Figure A.6a. Labour force participation patterns in Estonia, males



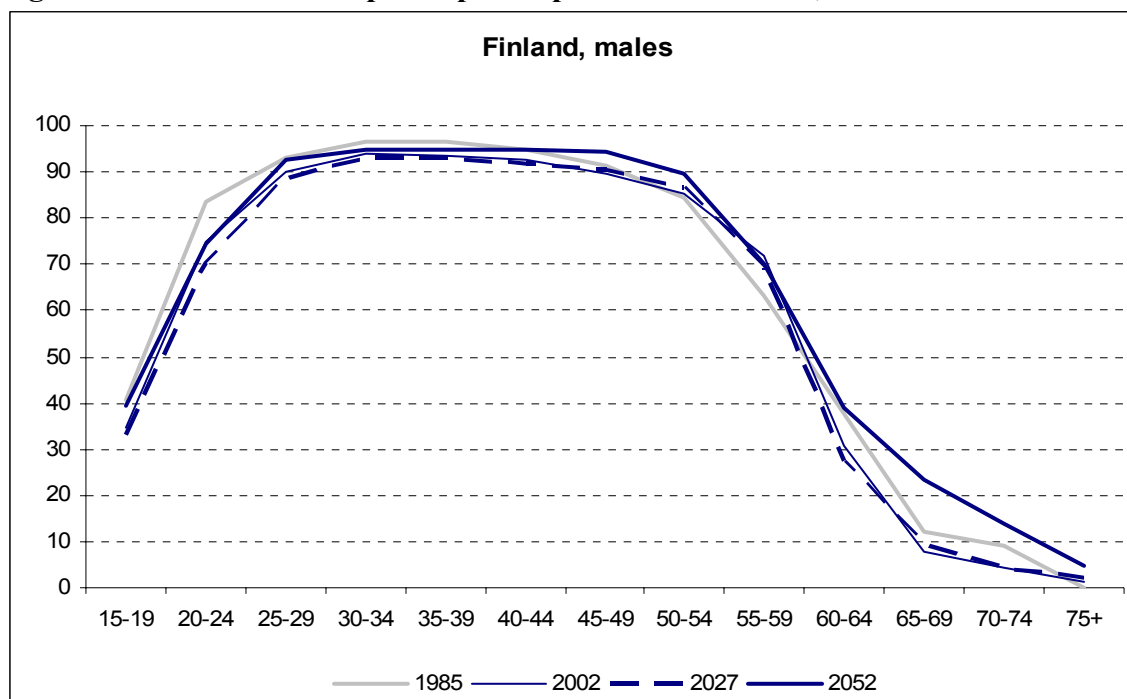
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Figure A.6b. Labour force participation patterns in Estonia, females



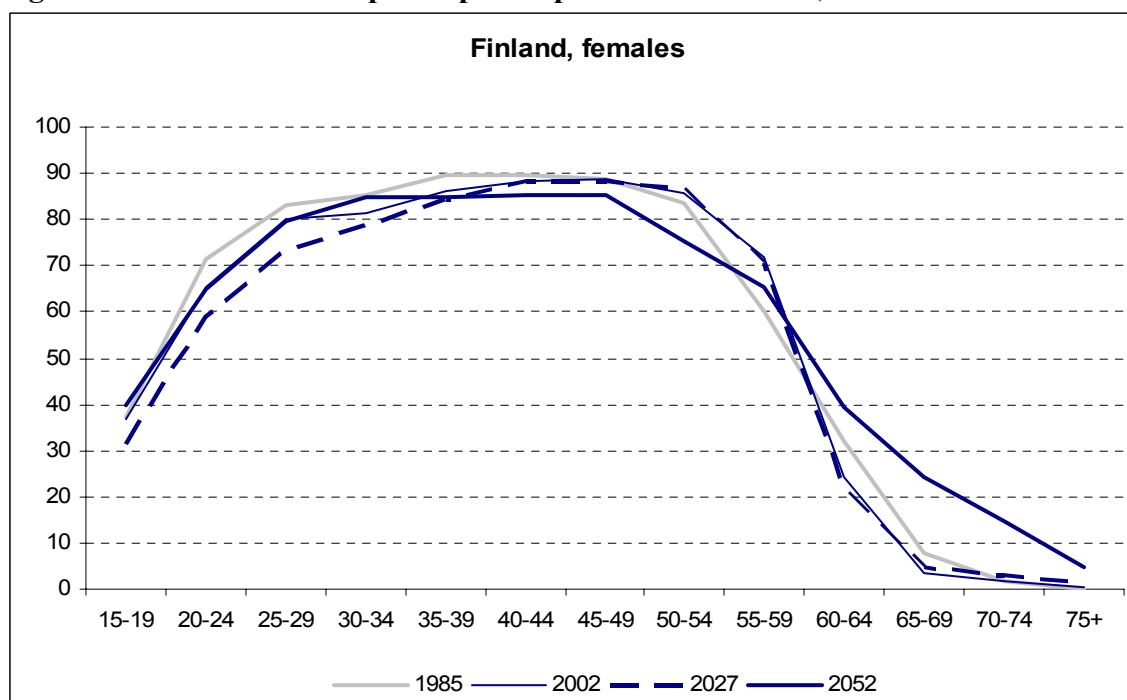
Source: own computations

Figure A.7a. Labour force participation patterns in Finland, males



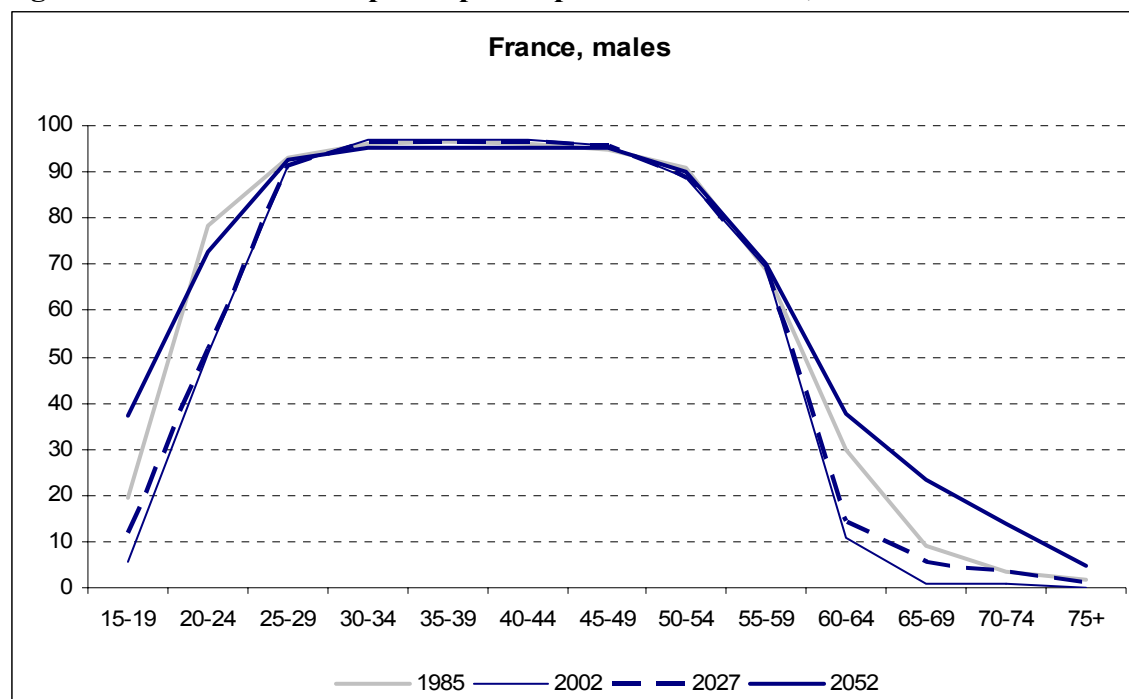
Source: own computations

Figure A.7b. Labour force participation patterns in Finland, females



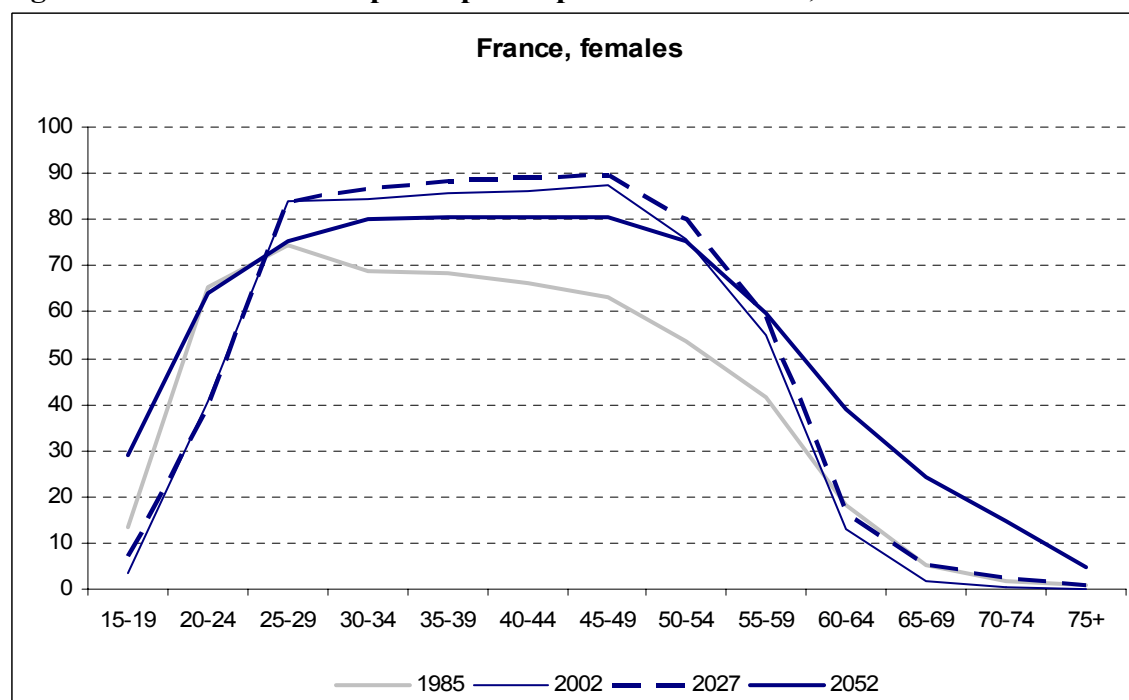
Source: own computations

Figure A.8a. Labour force participation patterns in France, males



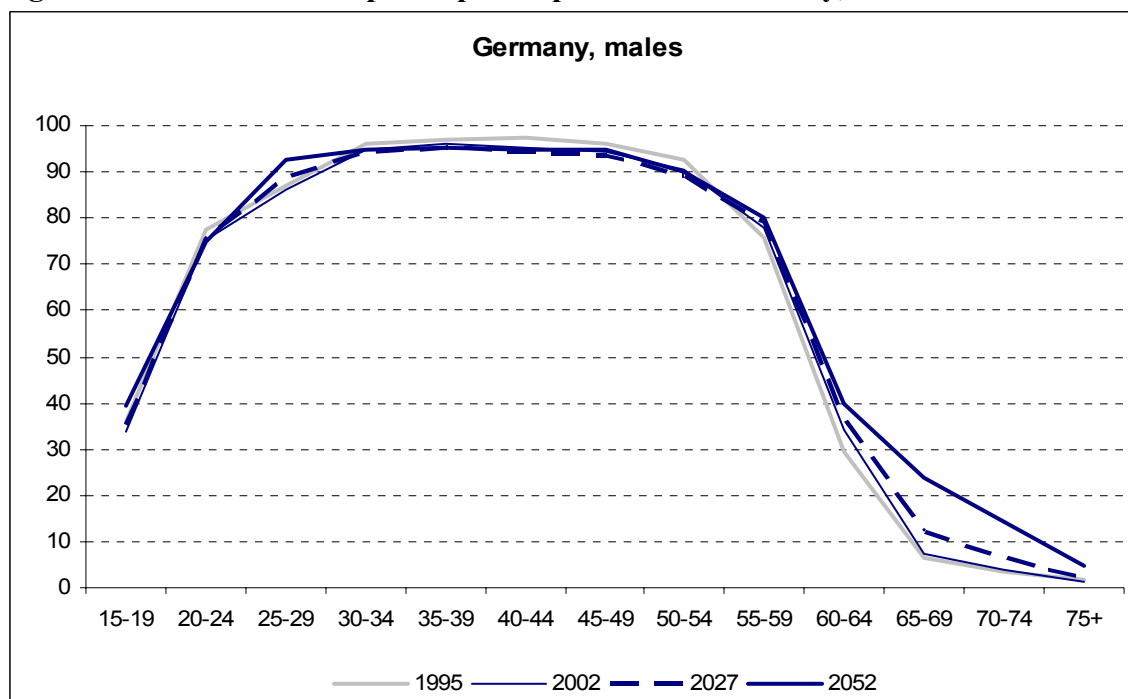
Source: own computations

Figure A.8b. Labour force participation patterns in France, females



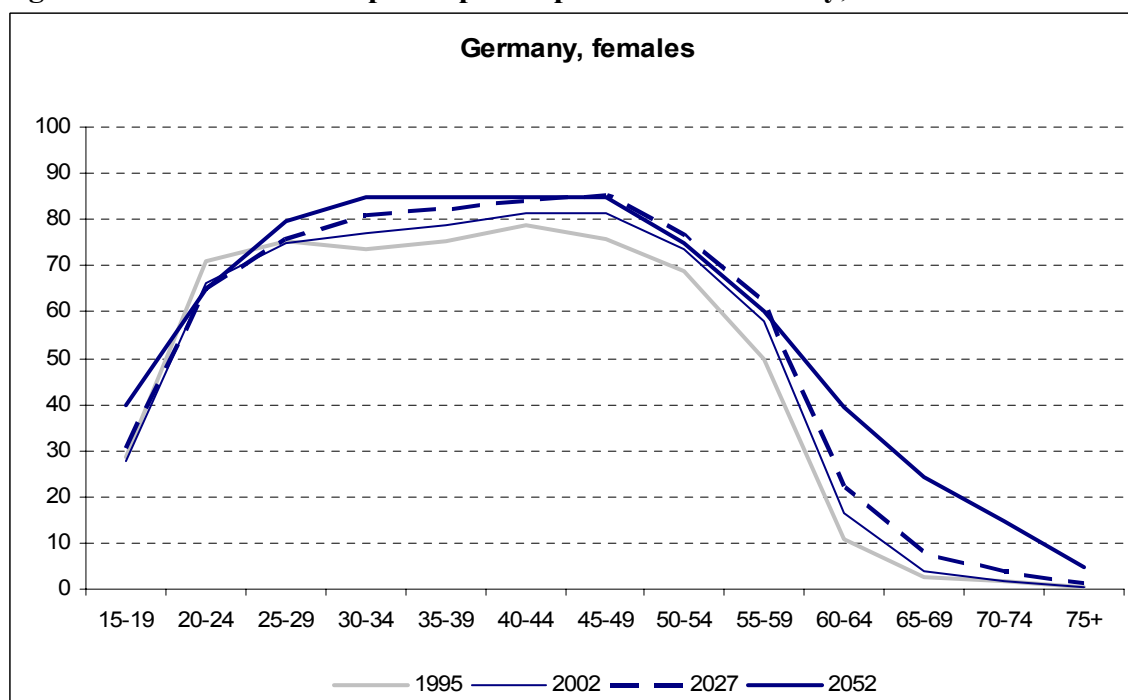
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Figure A.9a. Labour force participation patterns in Germany, males



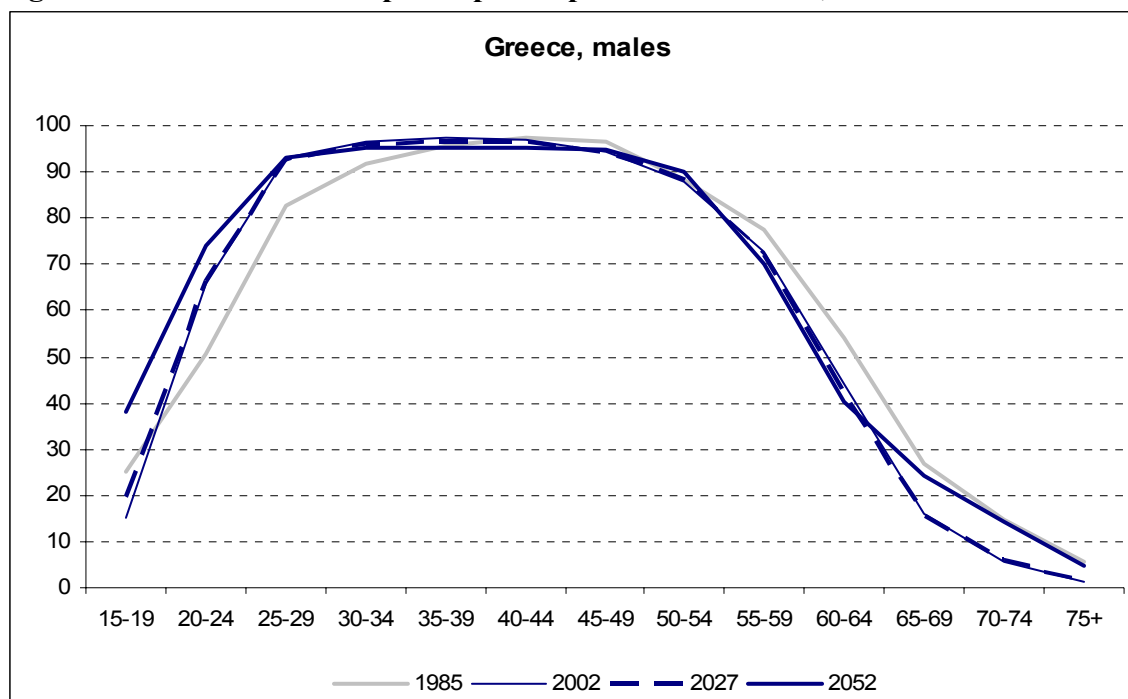
Source: own computations

Figure A.9b. Labour force participation patterns in Germany, females



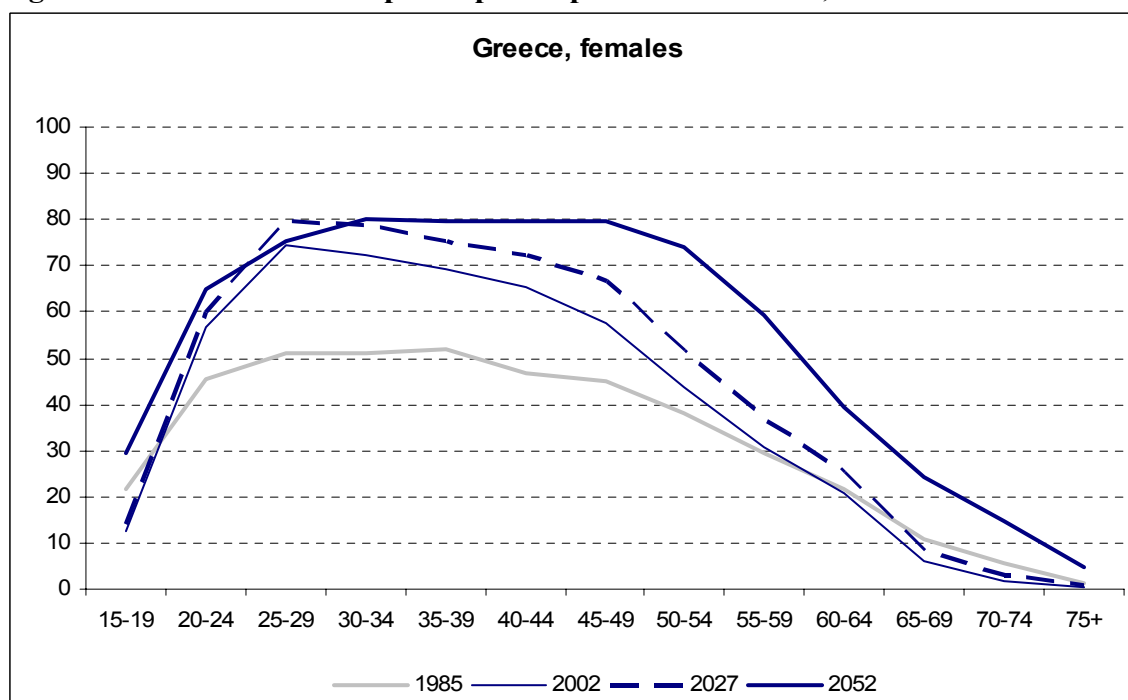
Source: own computations

Figure A.10a. Labour force participation patterns in Greece, males



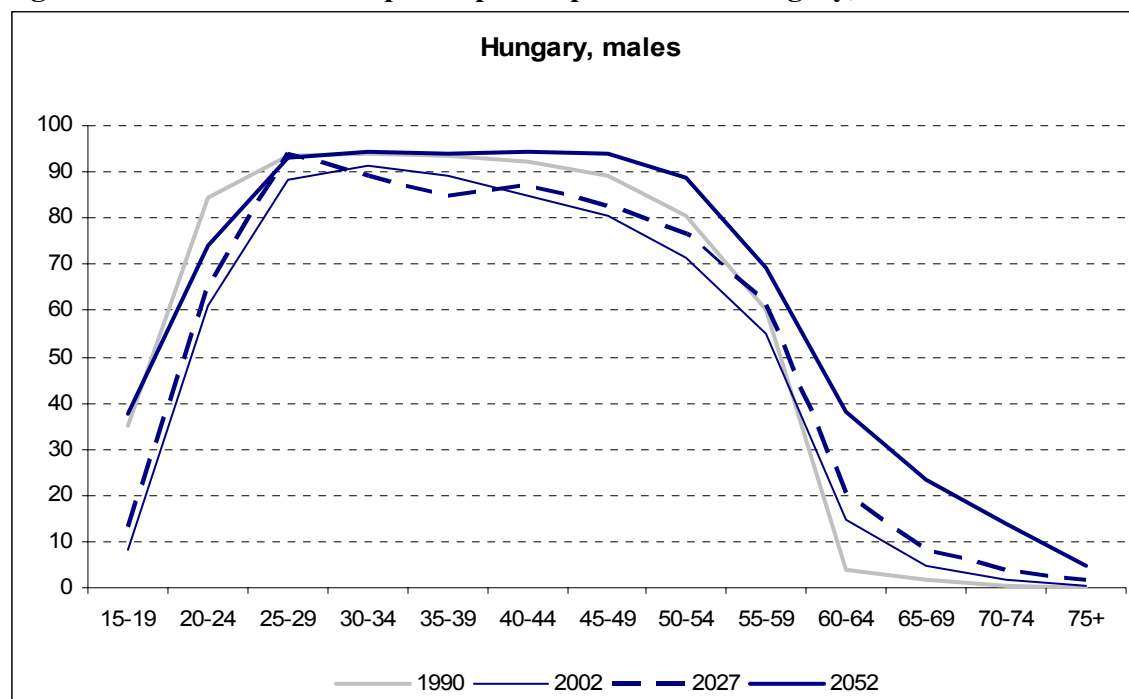
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Figure A.10b. Labour force participation patterns in Greece, females



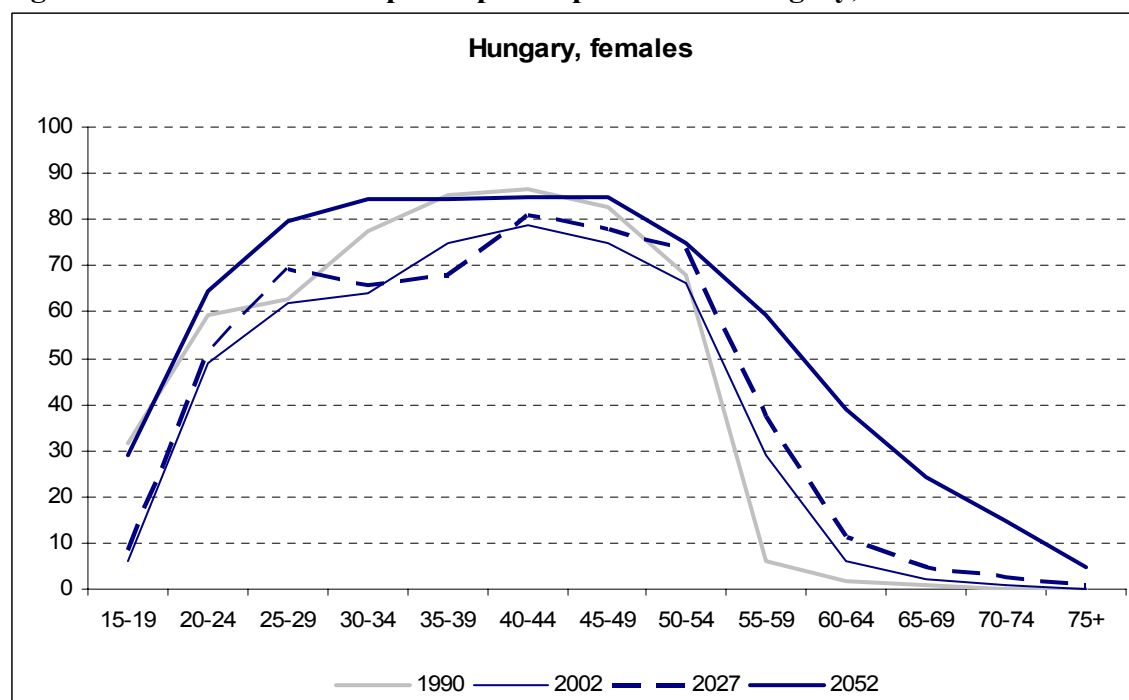
Source: own computations

Figure A.11a. Labour force participation patterns in Hungary, males



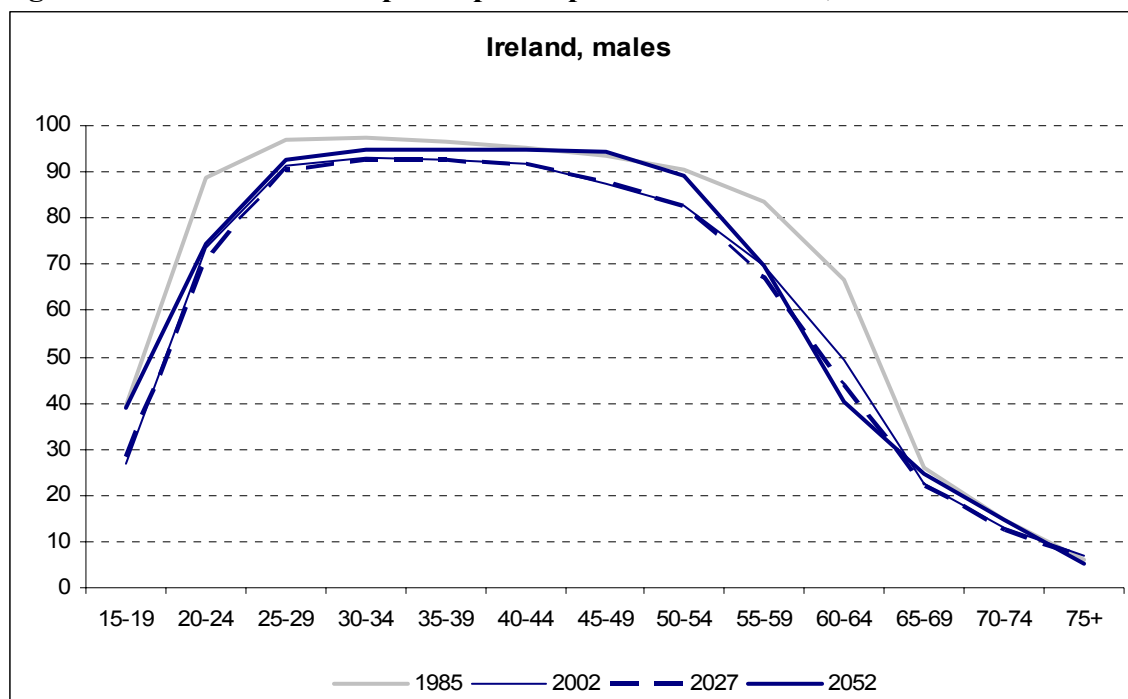
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Figure A.11b. Labour force participation patterns in Hungary, females



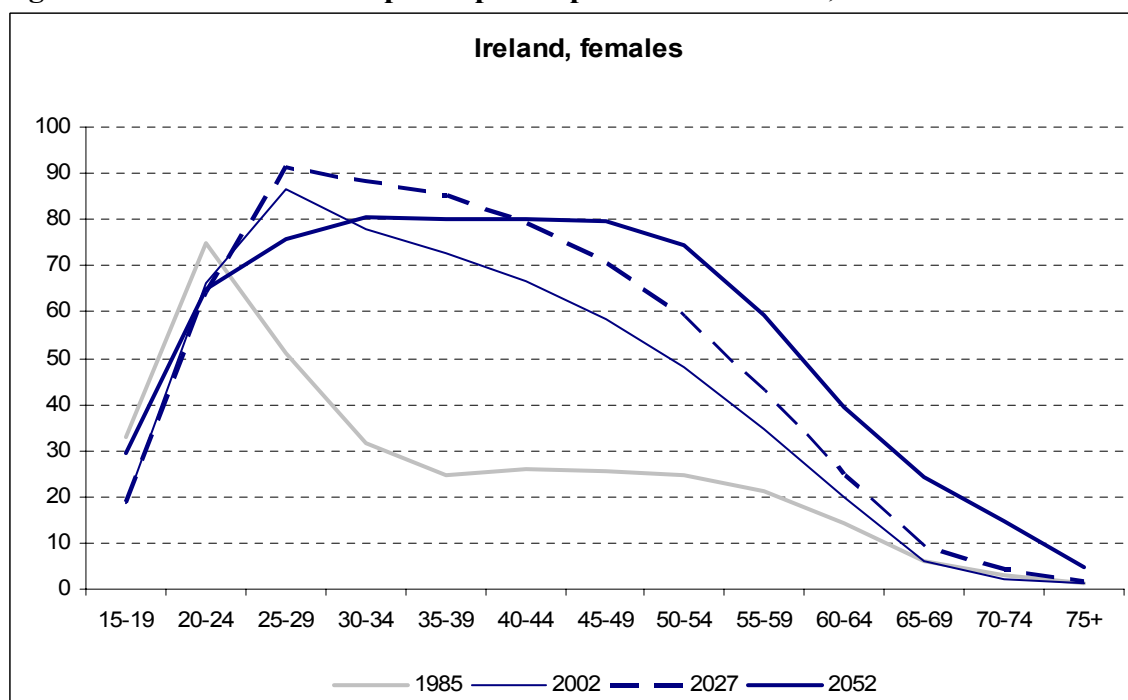
Source: own computations

Figure A.12a. Labour force participation patterns in Ireland, males



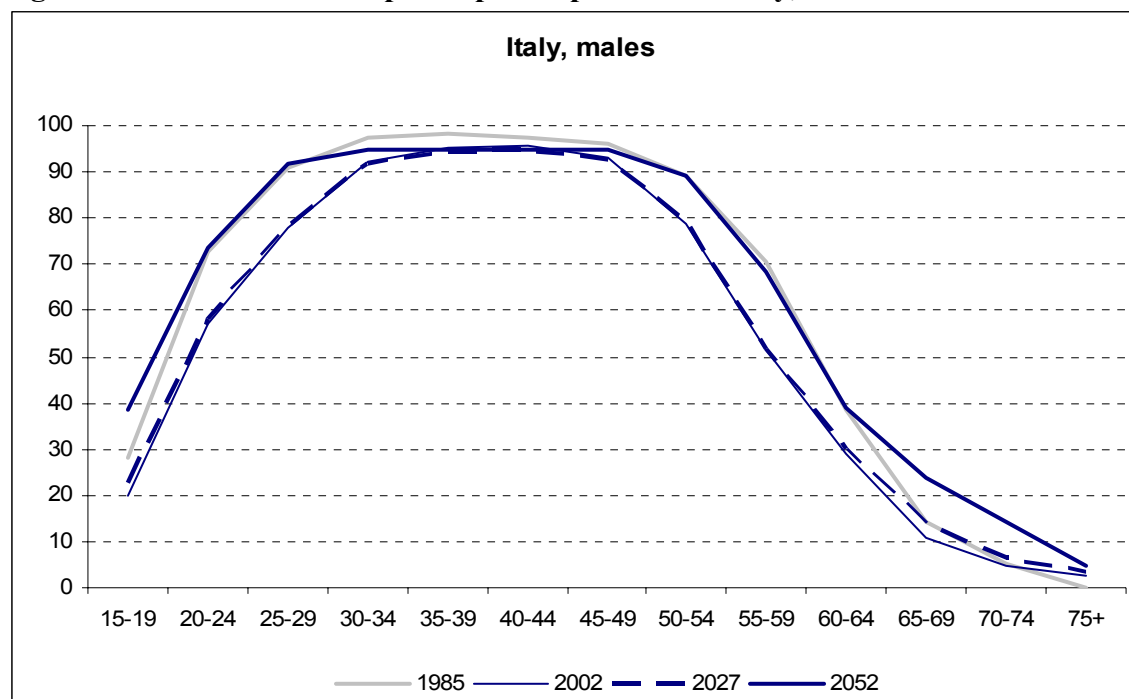
Source: own computations

Figure A.12b. Labour force participation patterns in Ireland, females



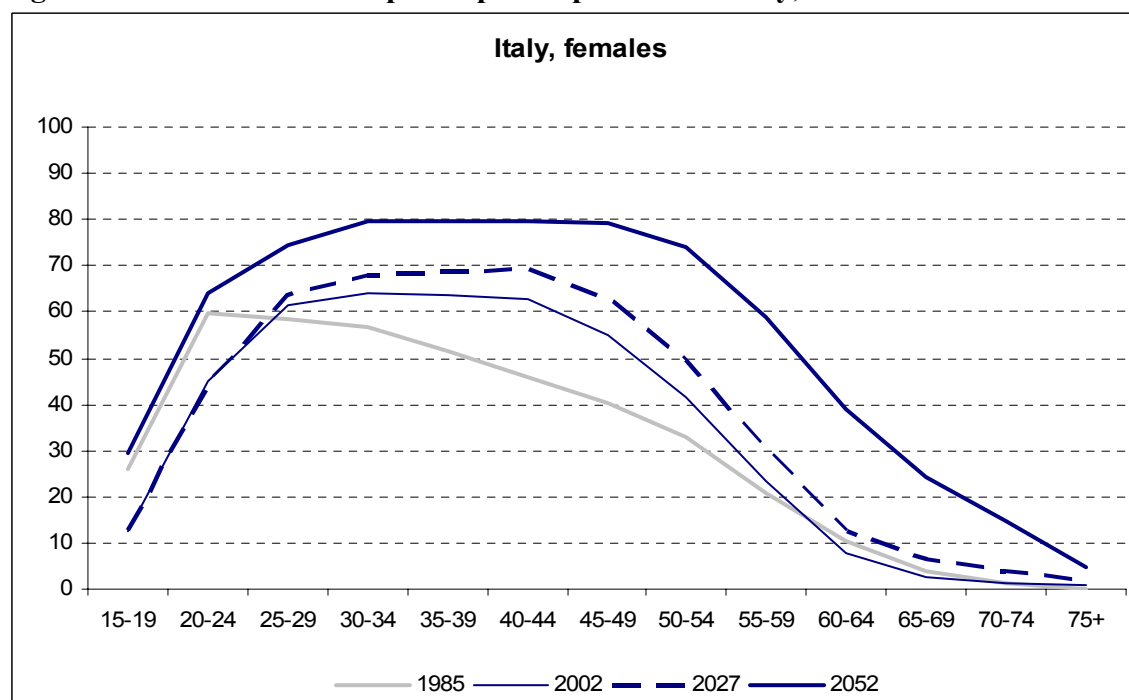
Source: own computations

Figure A.13a. Labour force participation patterns in Italy, males



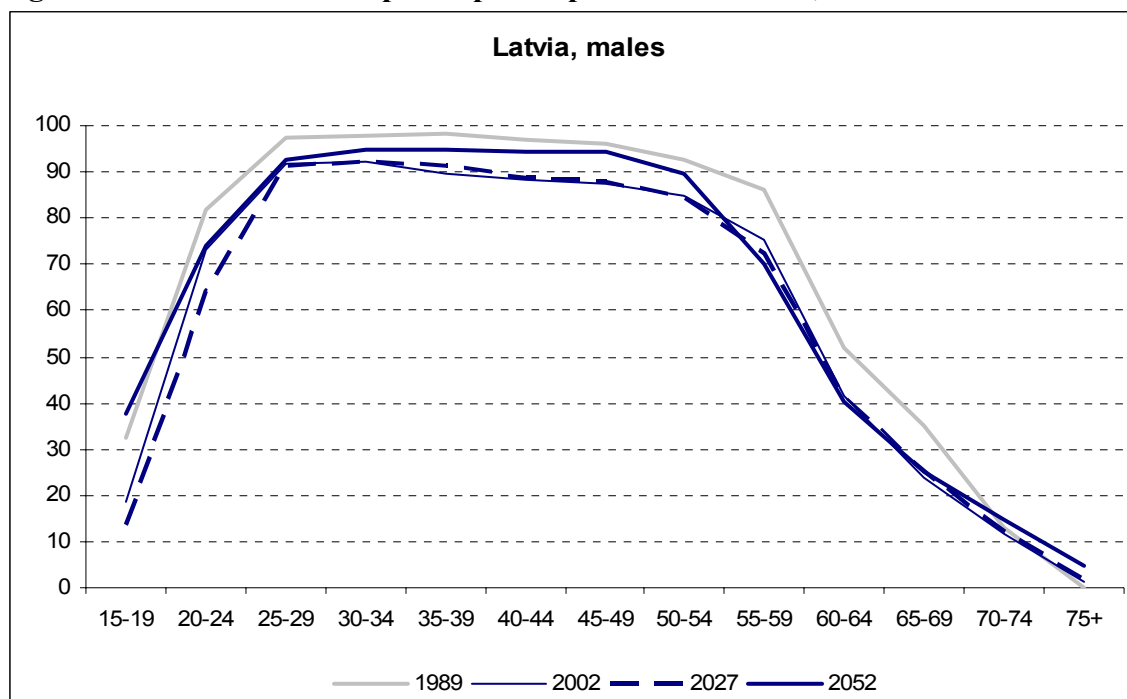
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Figure A.13b. Labour force participation patterns in Italy, females



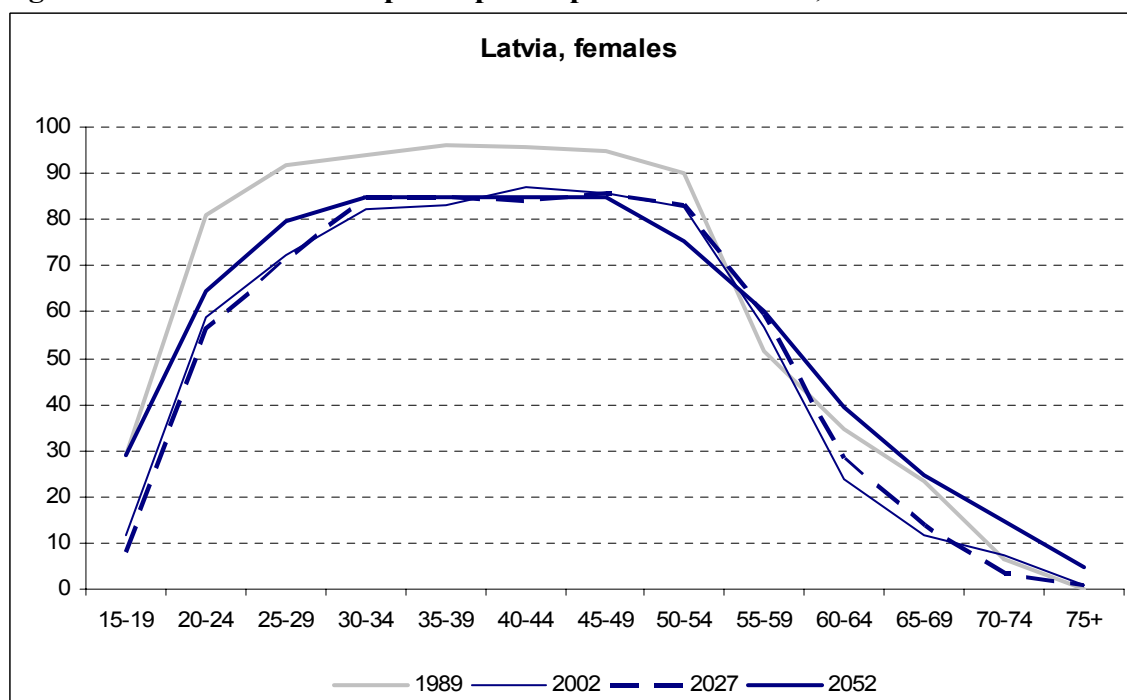
Source: own computations

Figure A.14a. Labour force participation patterns in Latvia, males



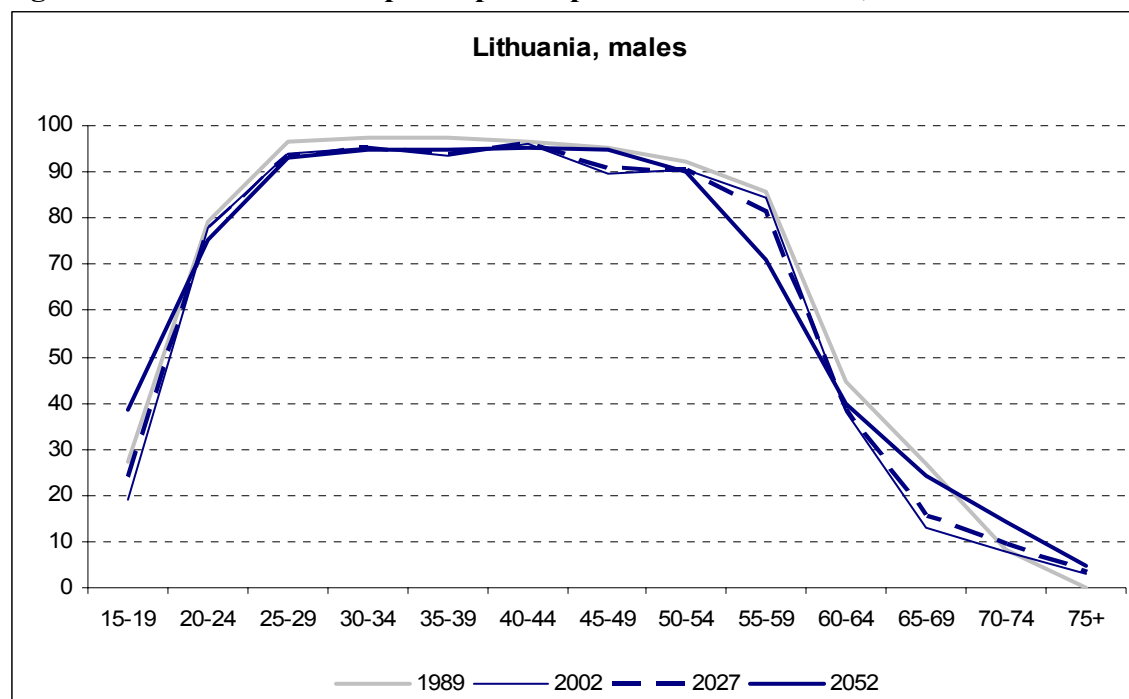
Source: own computations

Figure A.14b. Labour force participation patterns in Latvia, females



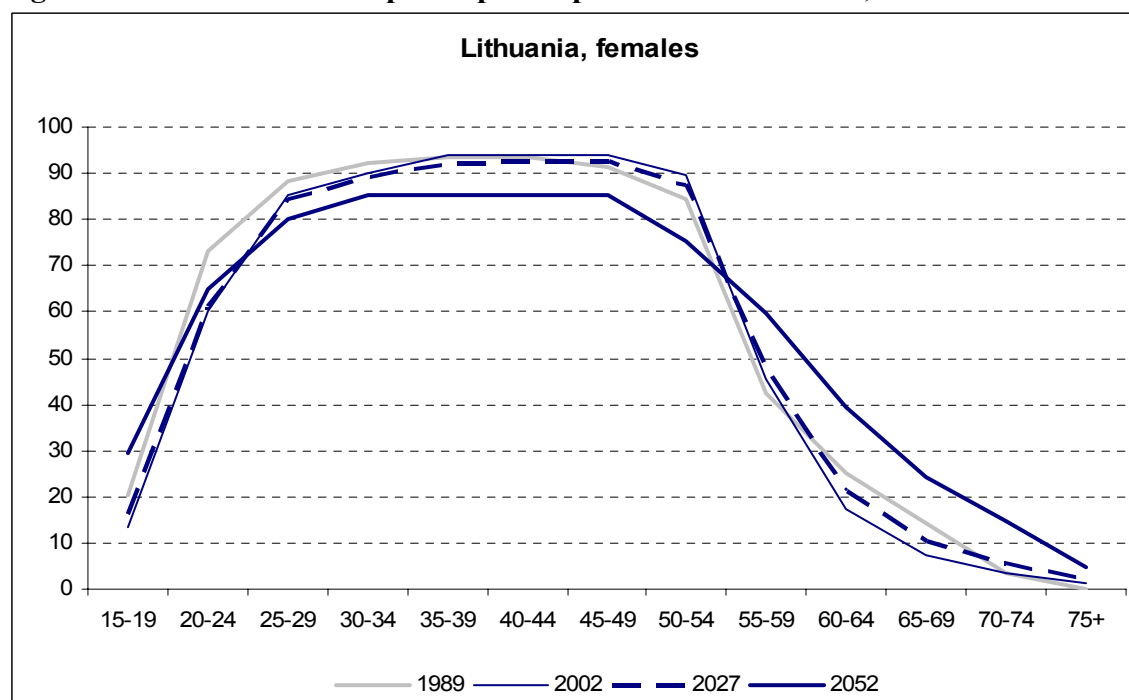
Source: own computations

Figure A.15a. Labour force participation patterns in Lithuania, males



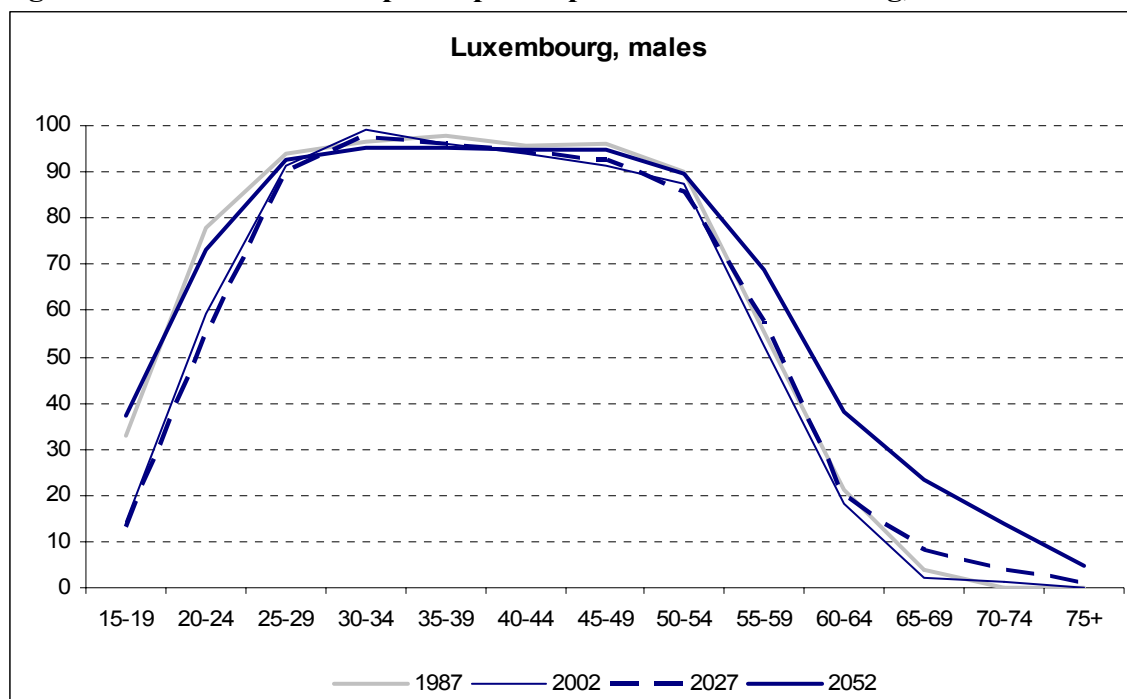
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Figure A.15b. Labour force participation patterns in Lithuania, females



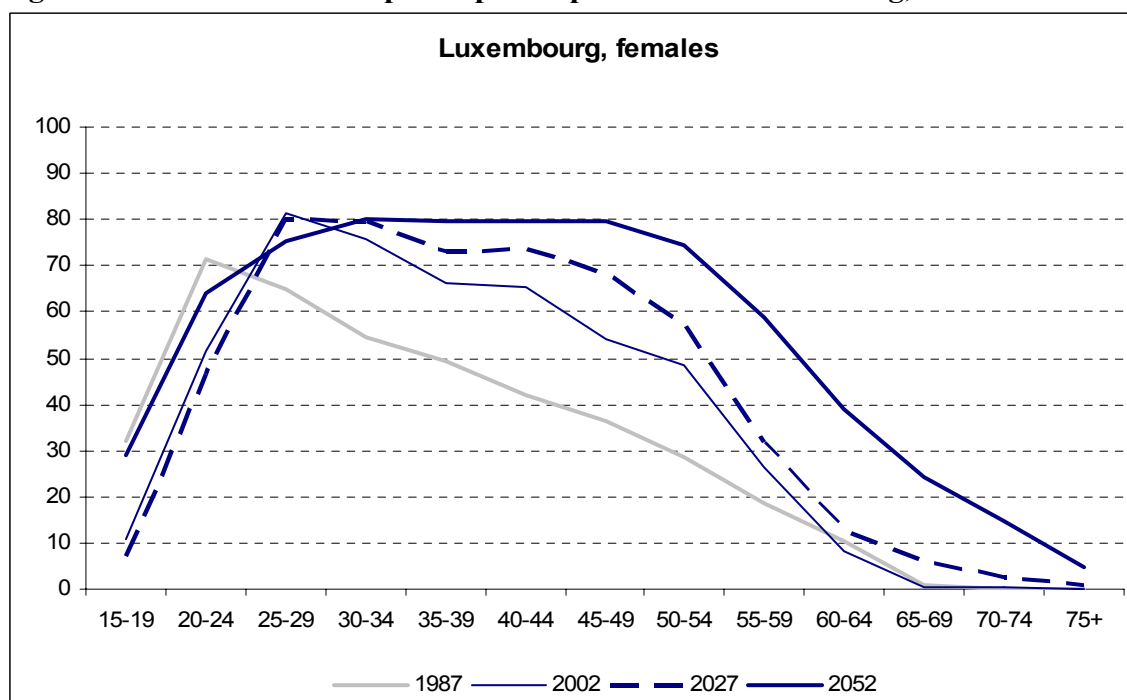
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Figure A.16a. Labour force participation patterns in Luxembourg, males



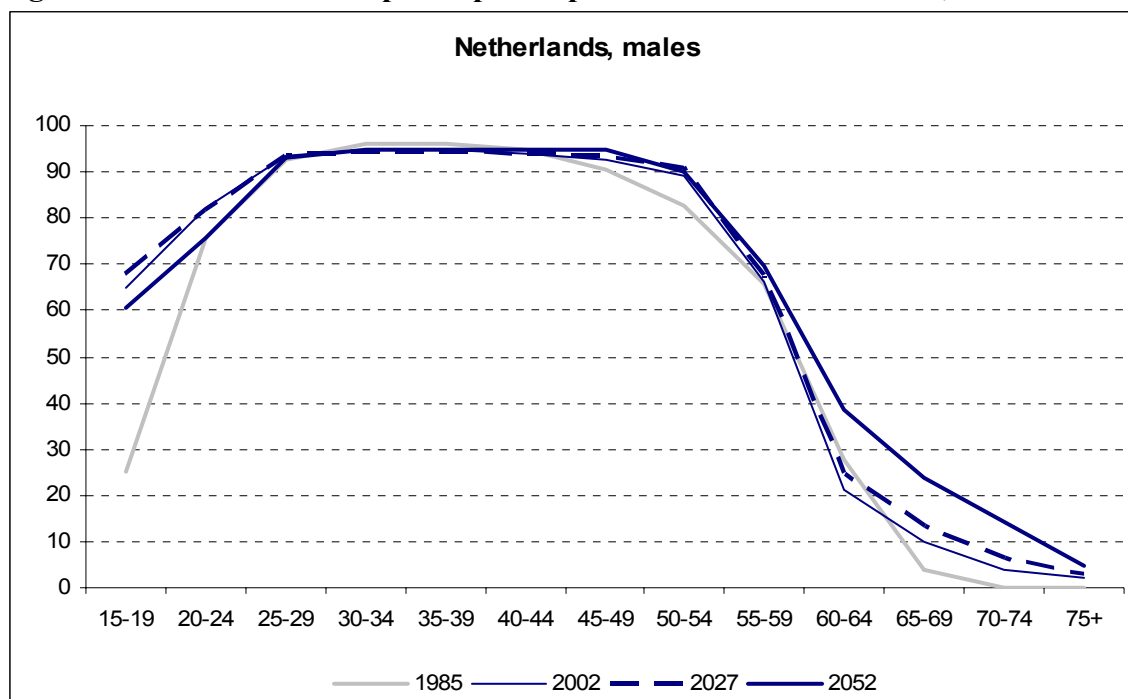
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Figure A.16b. Labour force participation patterns in Luxembourg, females



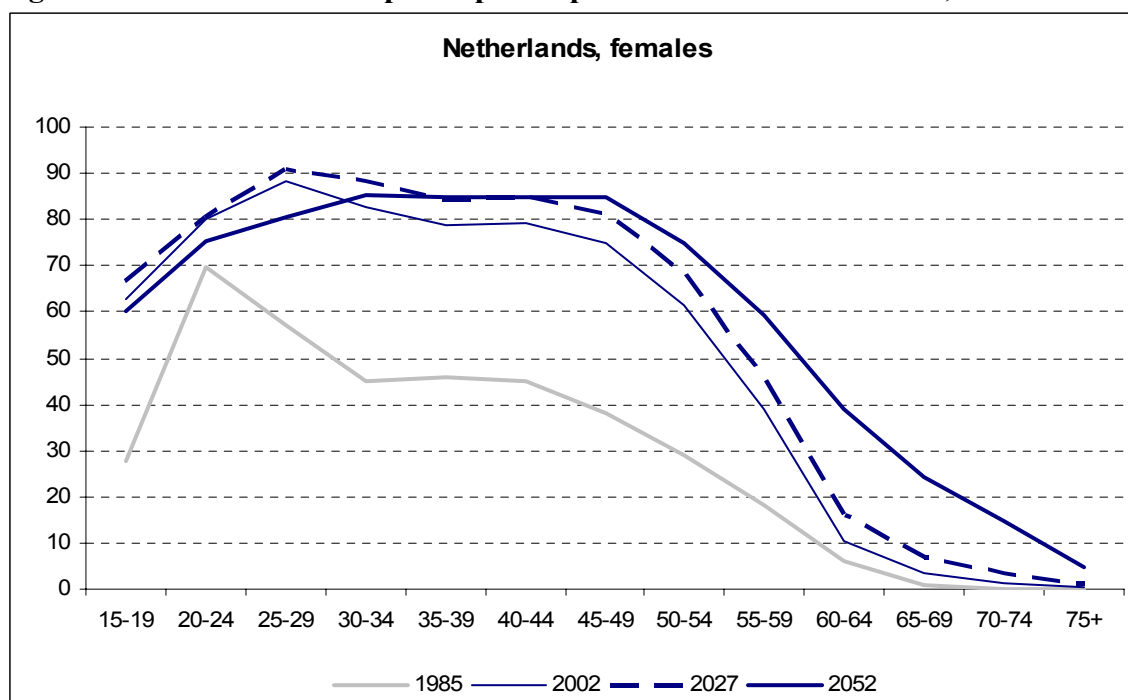
Source: own computations

Figure A.17a. Labour force participation patterns in the Netherlands, males



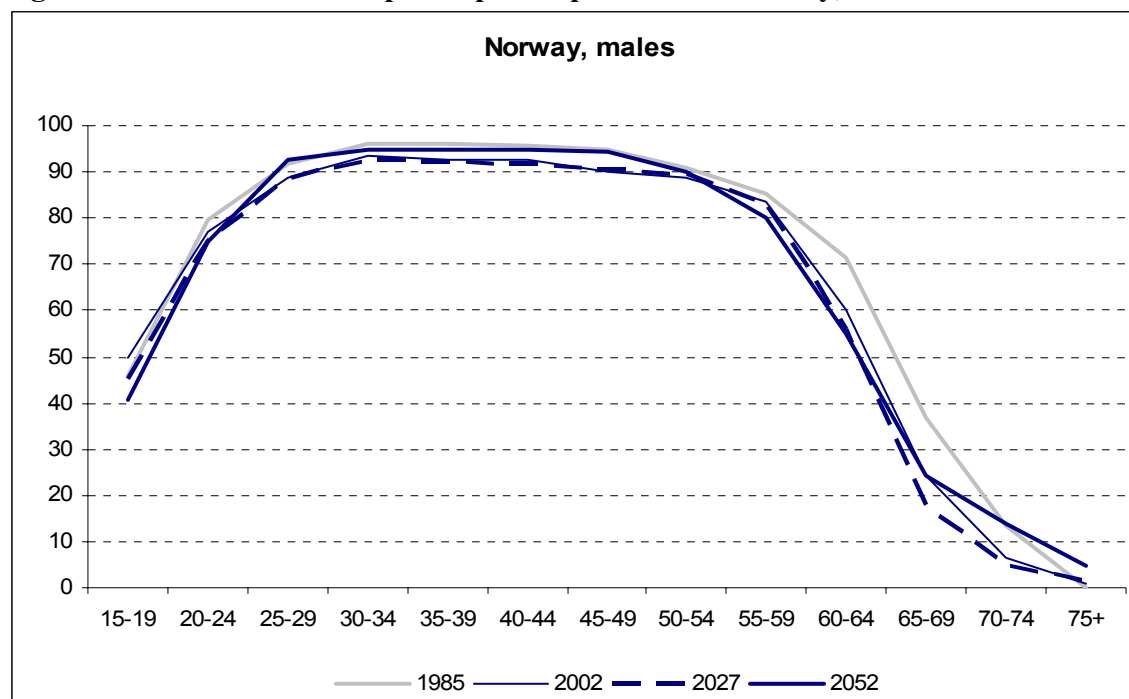
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Figure A.17b. Labour force participation patterns in the Netherlands, females



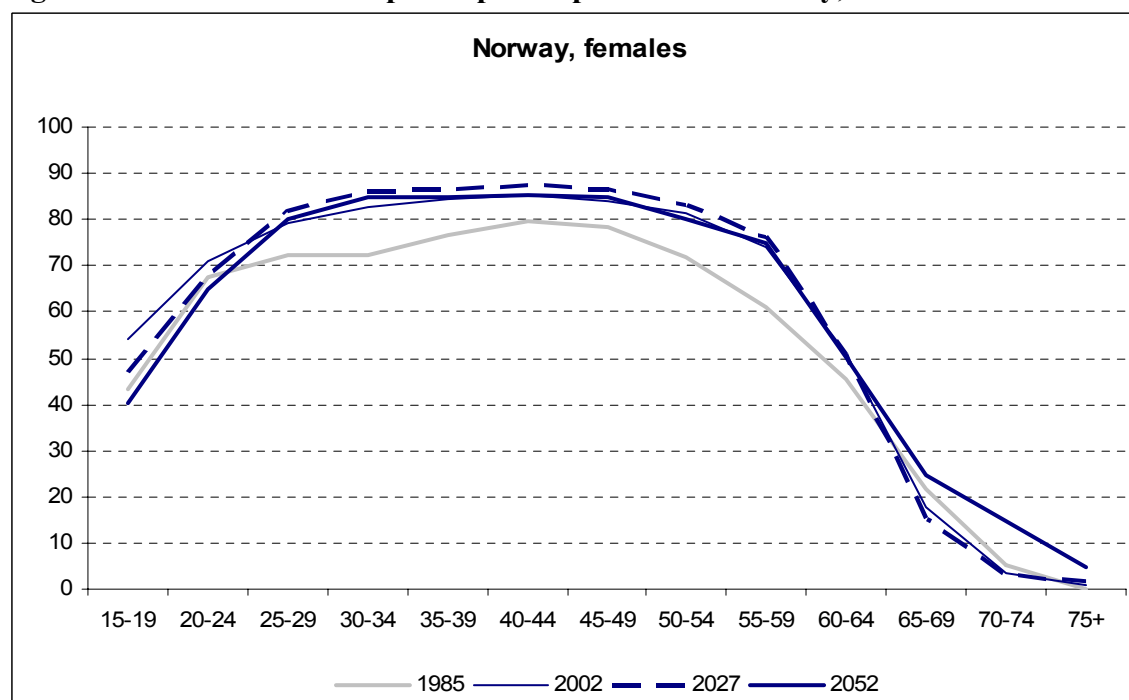
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Figure A.18a. Labour force participation patterns in Norway, males



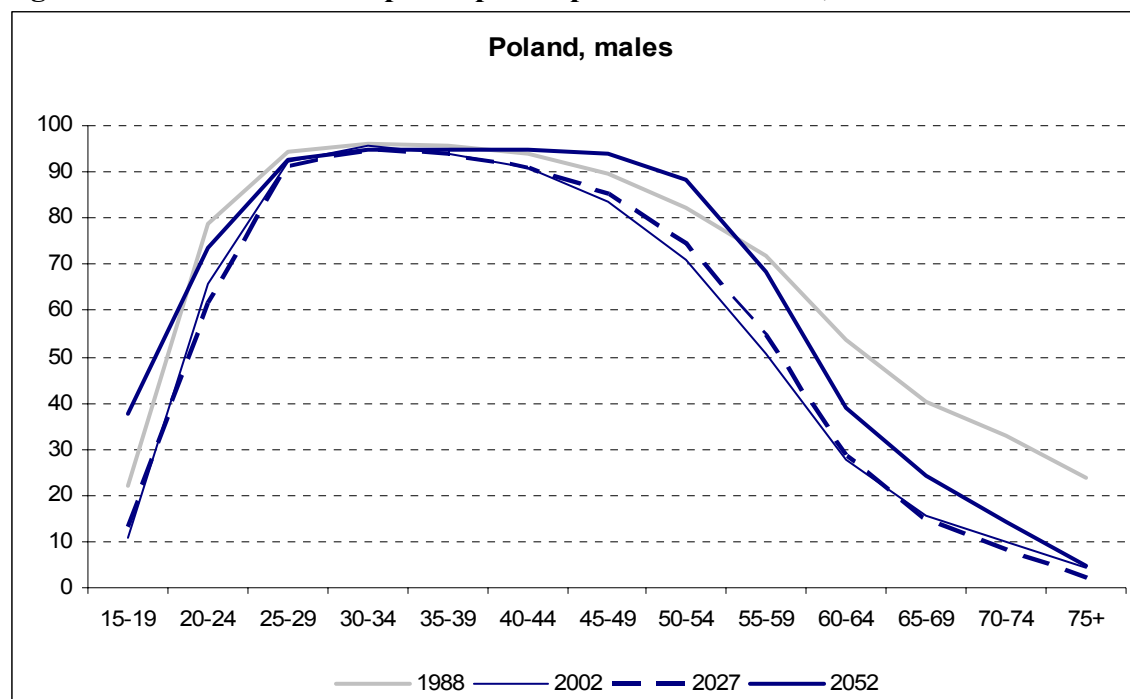
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Figure A.18b. Labour force participation patterns in Norway, females



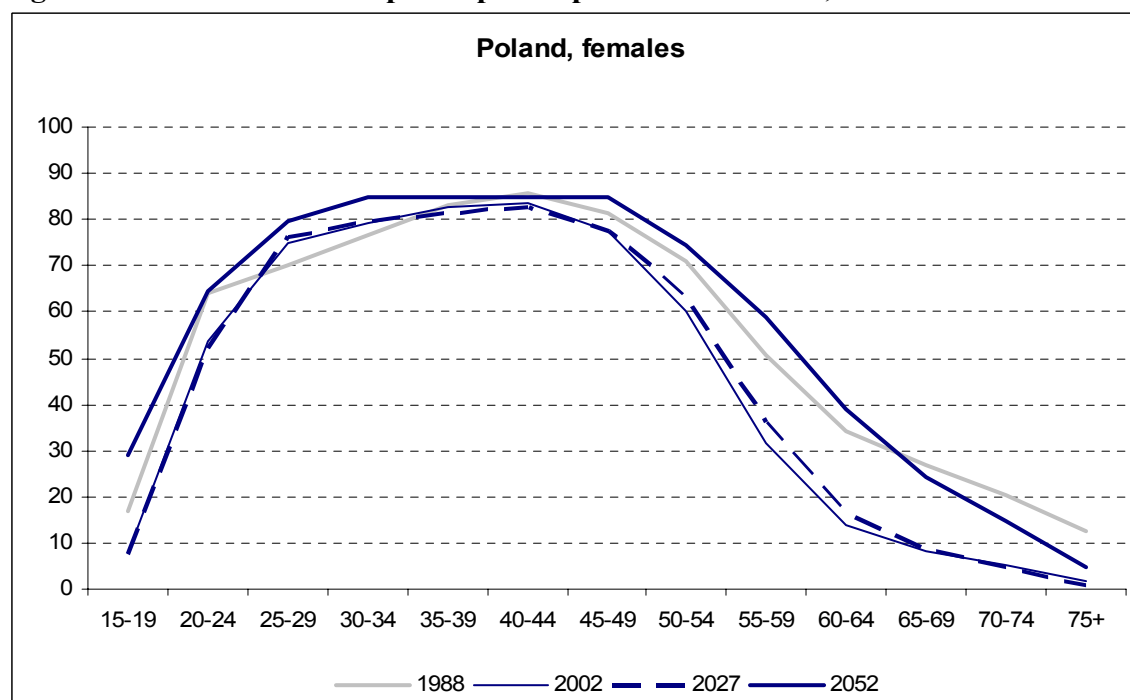
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Figure A.19a. Labour force participation patterns in Poland, males



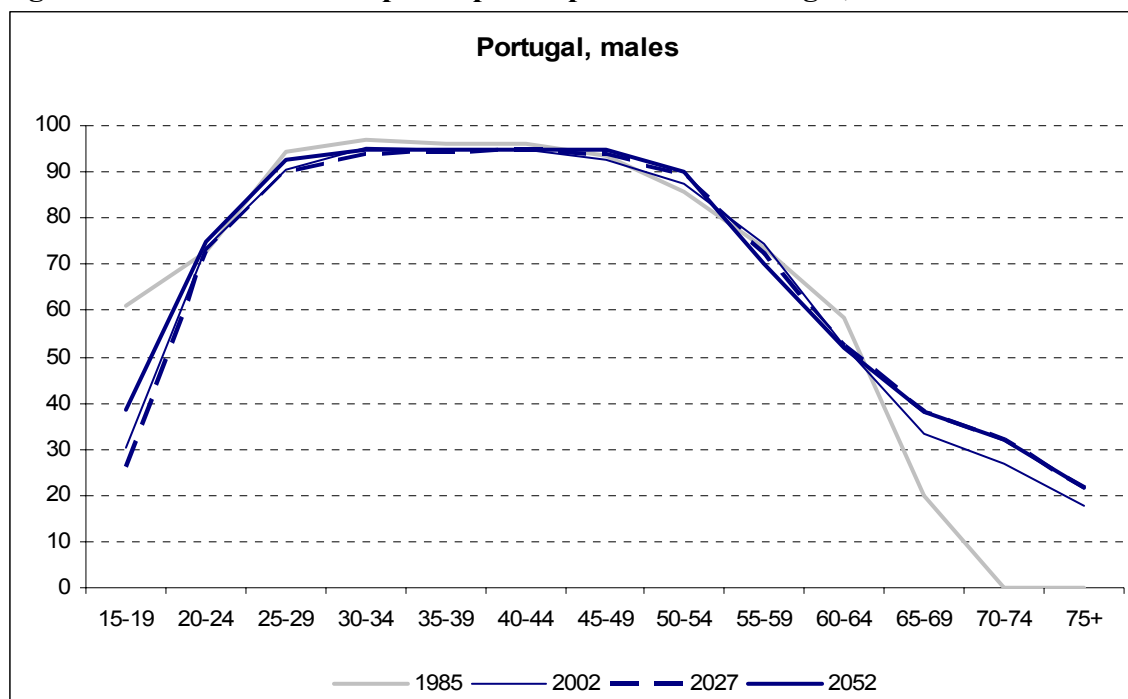
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Figure A.19b. Labour force participation patterns in Poland, females



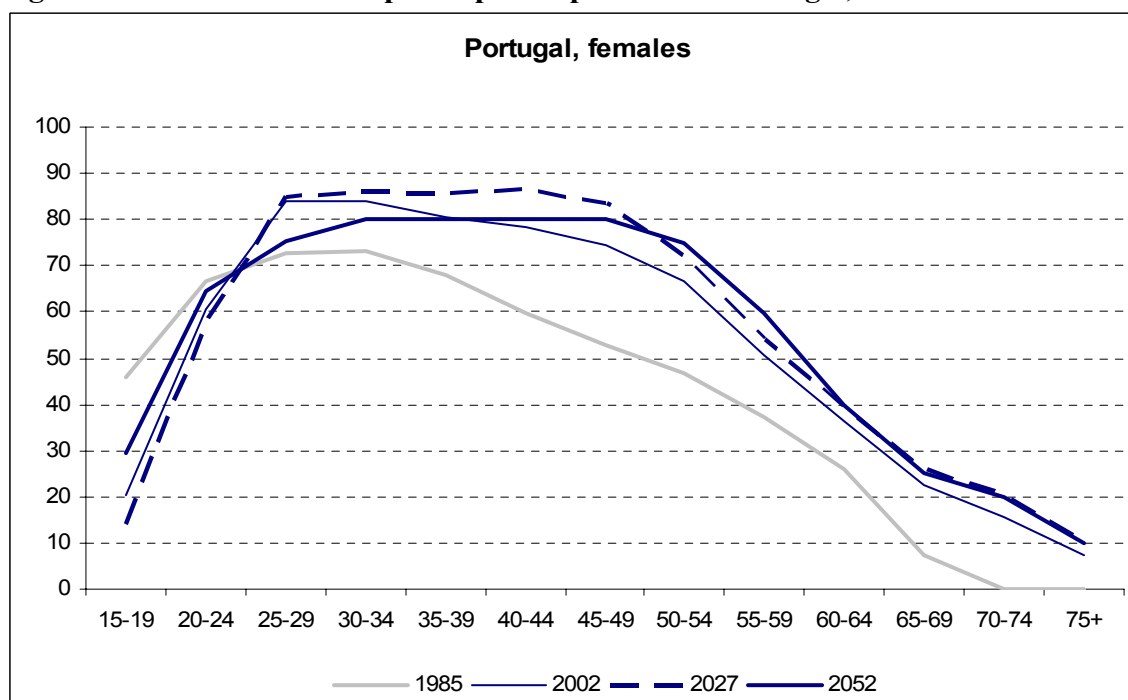
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Figure A.20a. Labour force participation patterns in Portugal, males



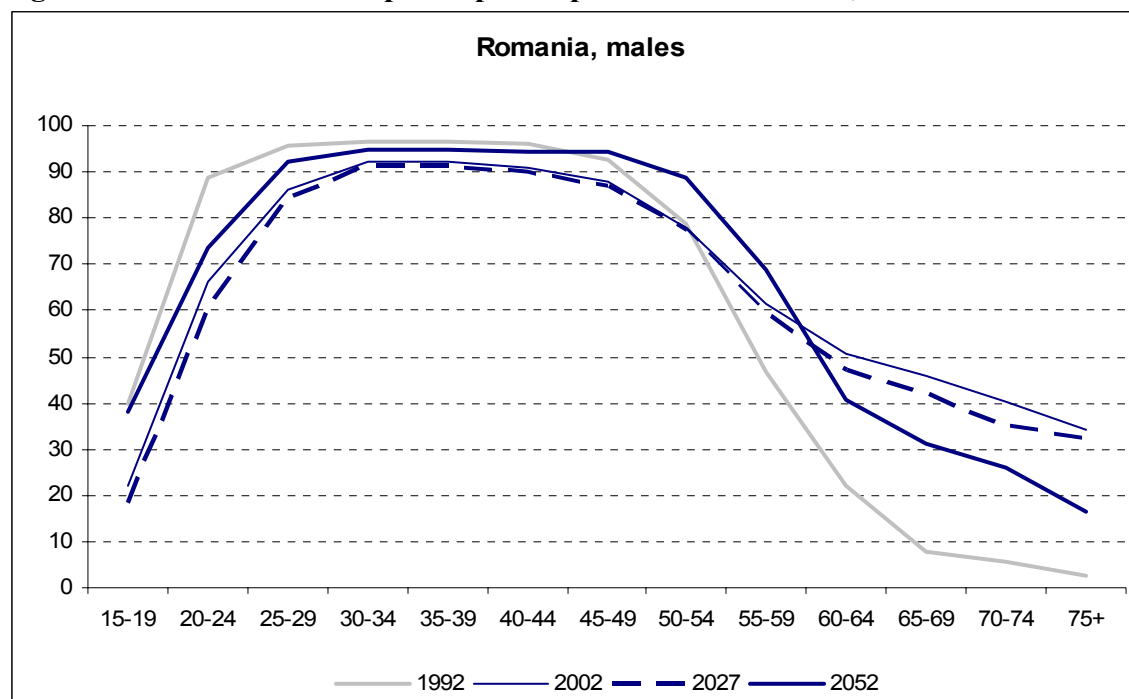
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Figure A.20b. Labour force participation patterns in Portugal, females



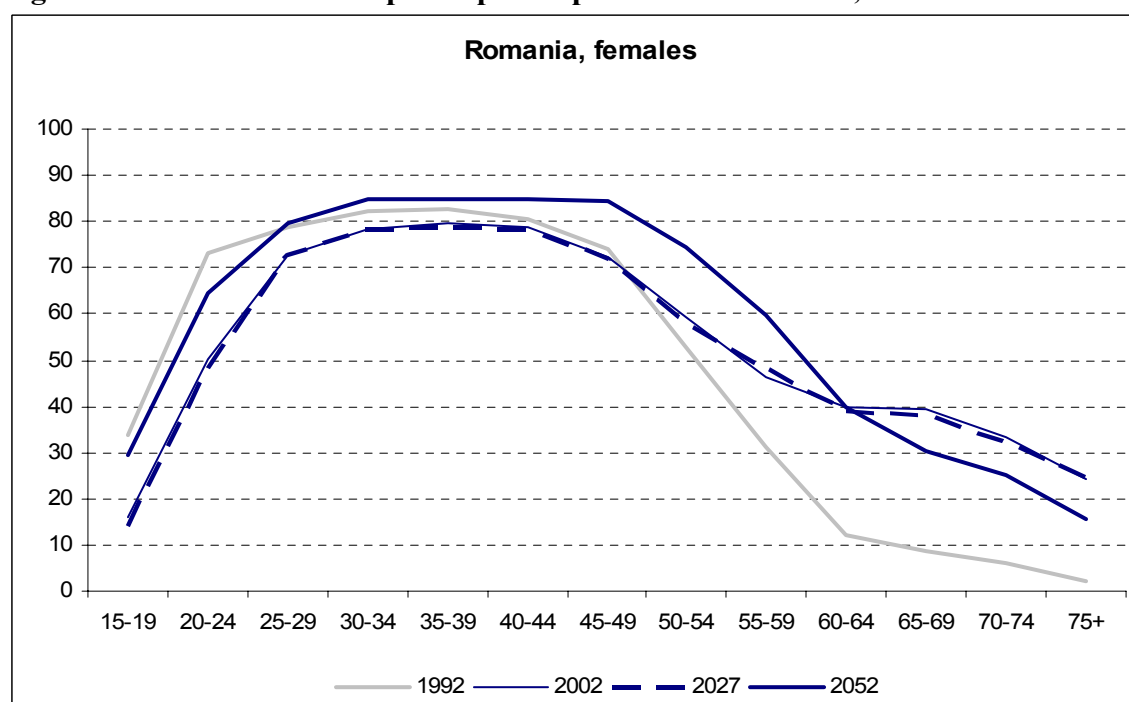
Source: own computations

Figure A.21a. Labour force participation patterns in Romania, males



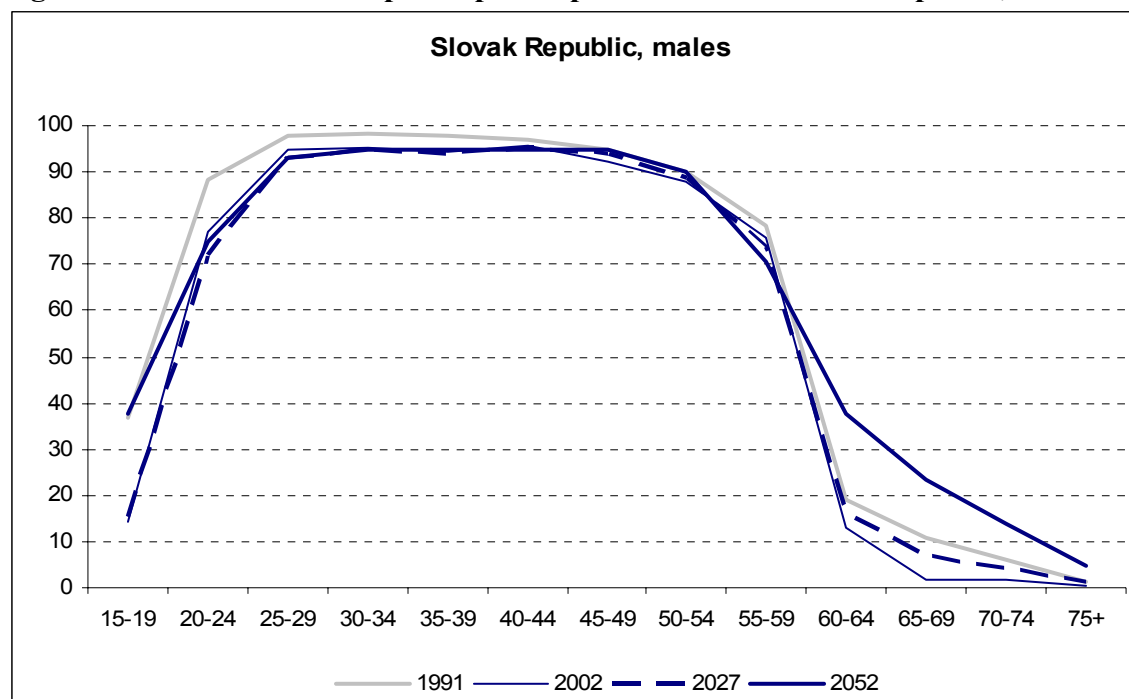
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Figure A.21b. Labour force participation patterns in Romania, females



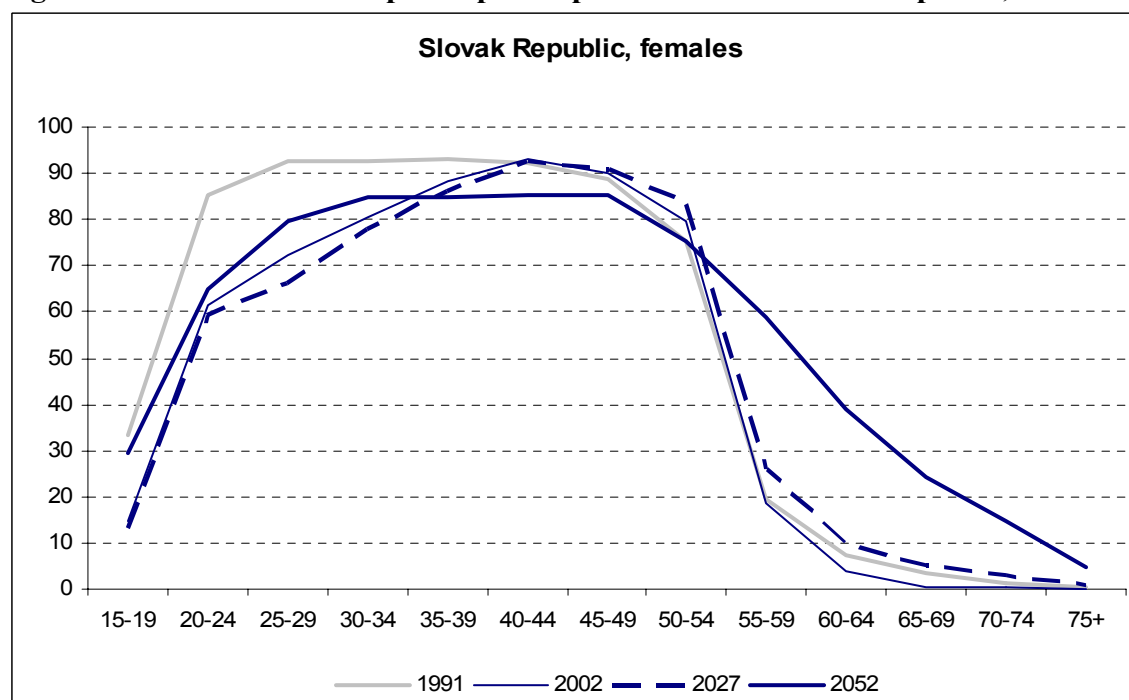
Source: own computations

Figure A.22a. Labour force participation patterns in the Slovak Republic, males



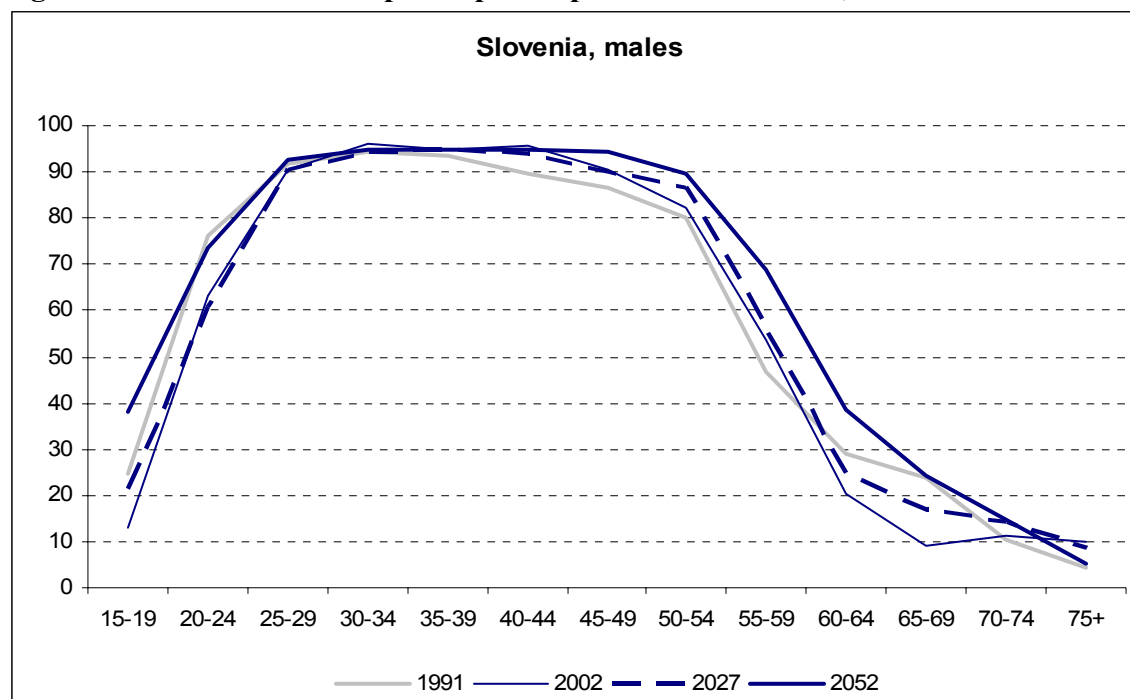
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Figure A.22b. Labour force participation patterns in the Slovak Republic, females



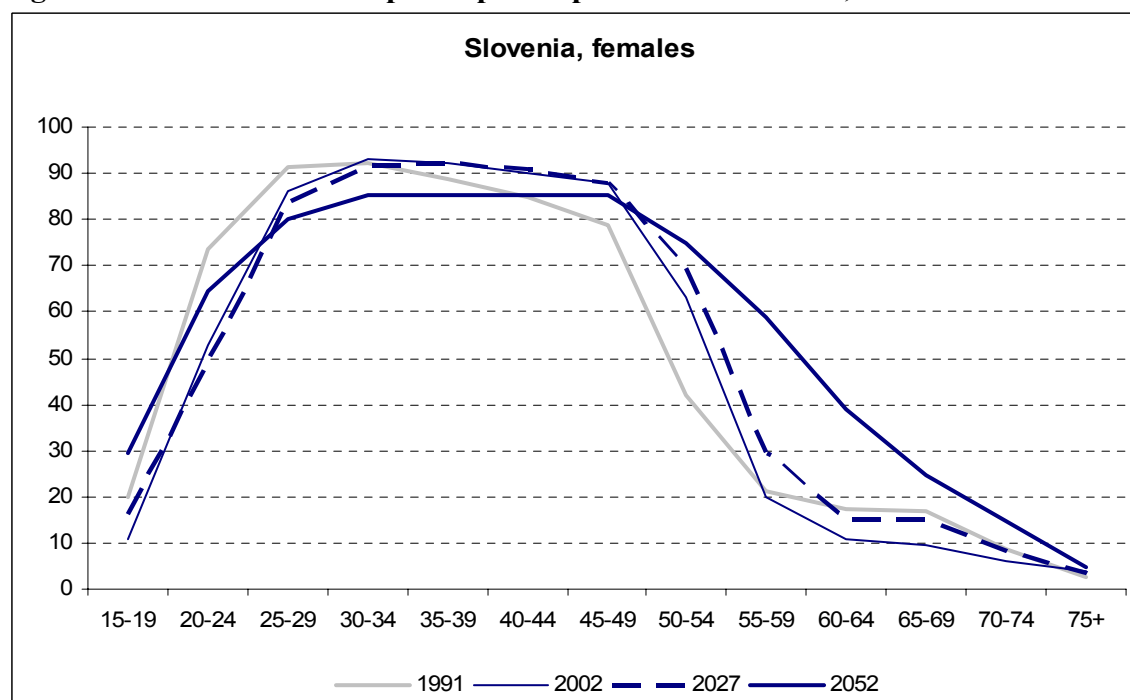
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Figure A.23a. Labour force participation patterns in Slovenia, males



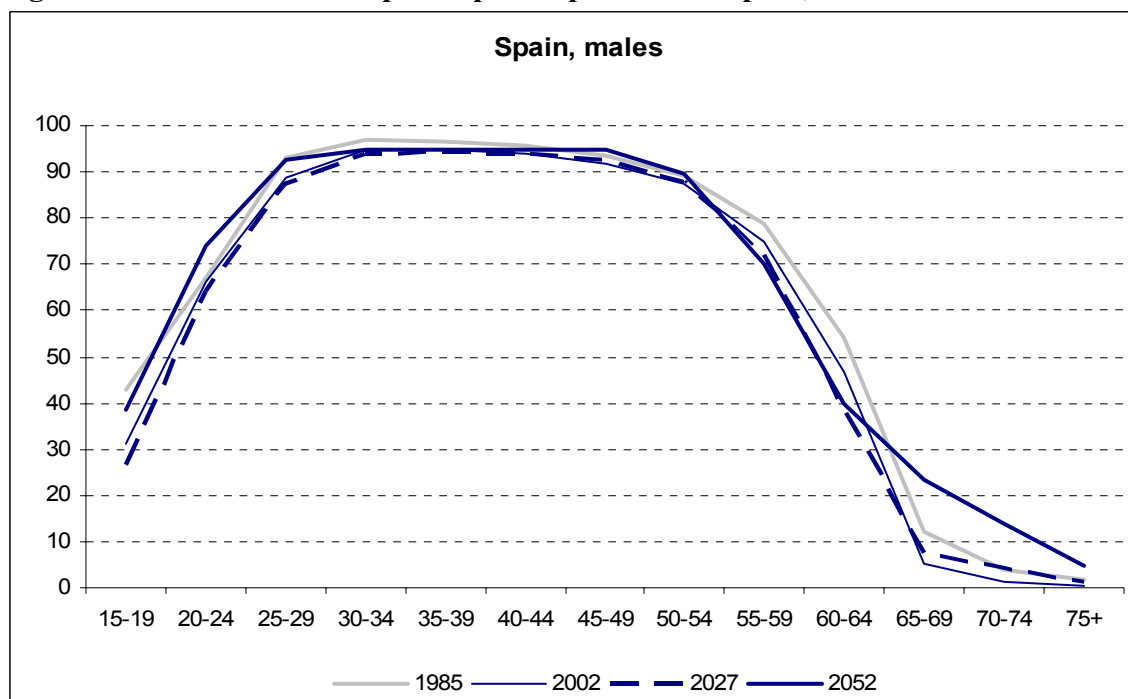
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Figure A.23b. Labour force participation patterns in Slovenia, females



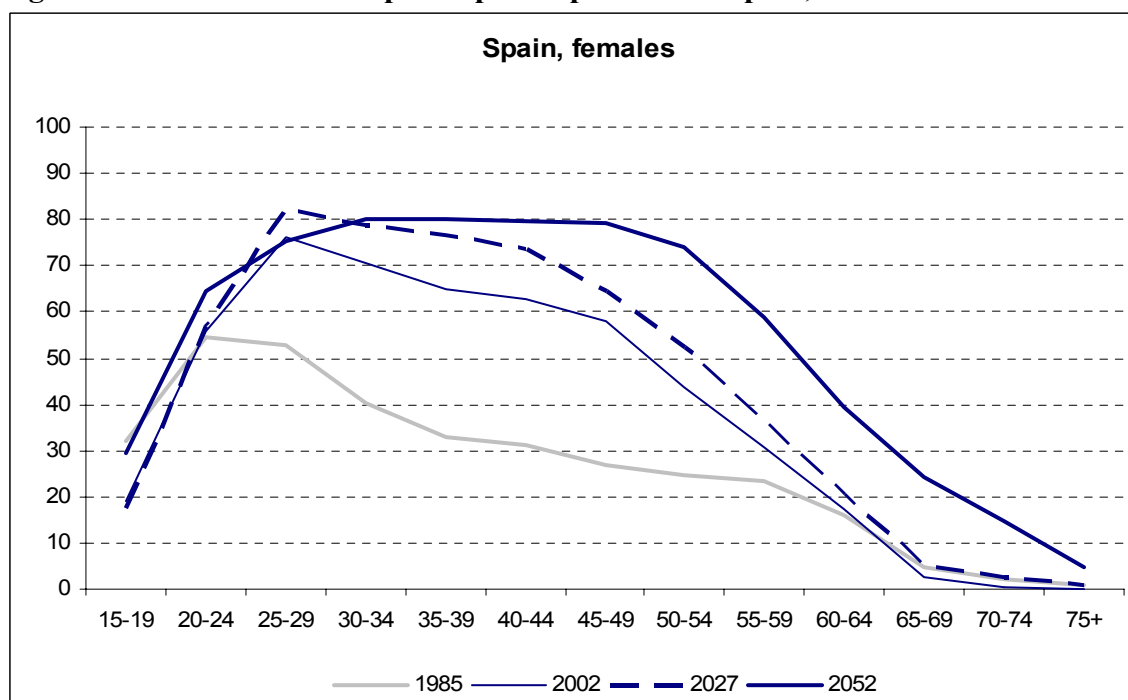
Source: own computations

Figure A.24a. Labour force participation patterns in Spain, males



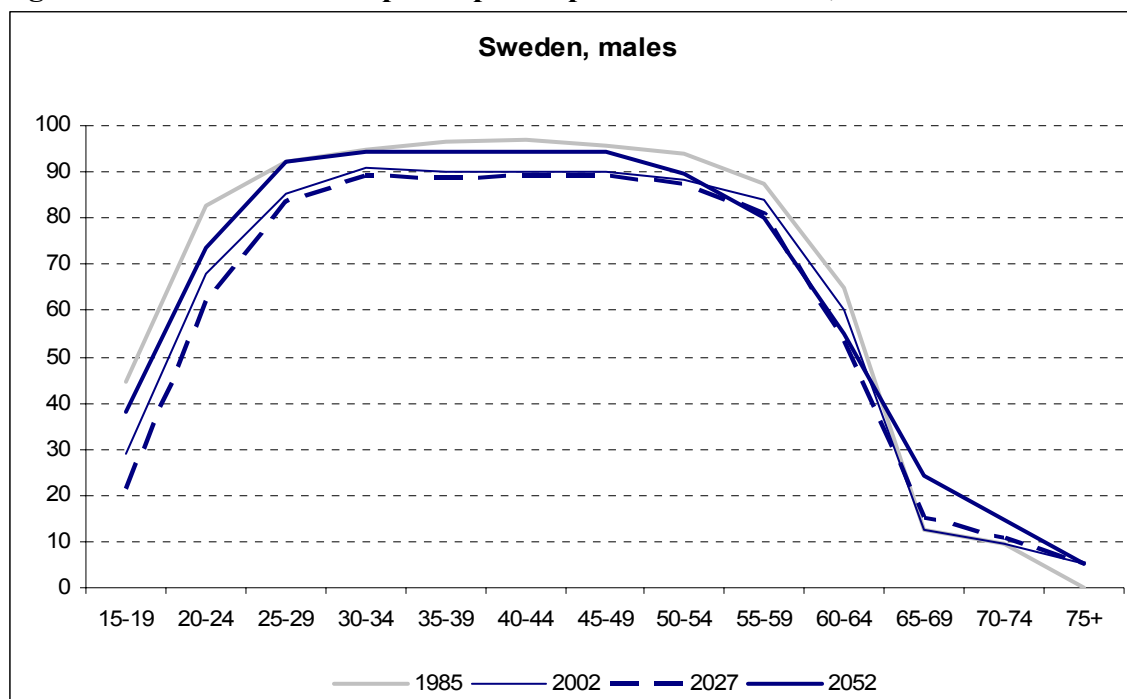
Source: own computations

Figure A.24b. Labour force participation patterns in Spain, females



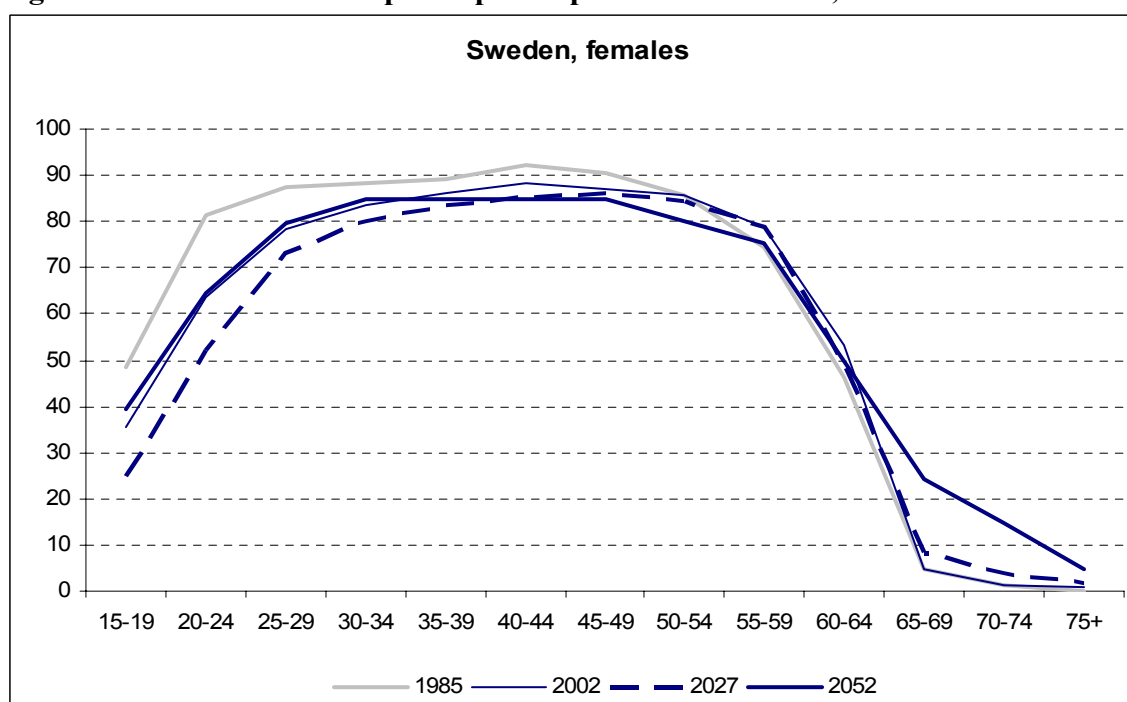
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Figure A.25a. Labour force participation patterns in Sweden, males



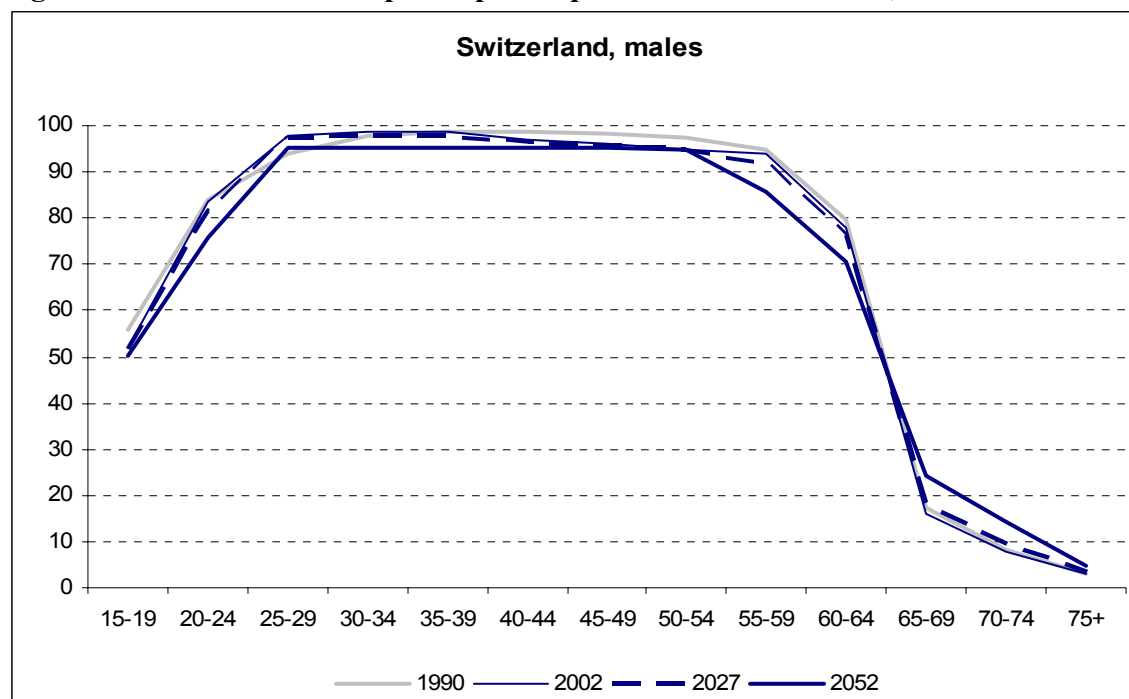
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Figure A.25b. Labour force participation patterns in Sweden, females



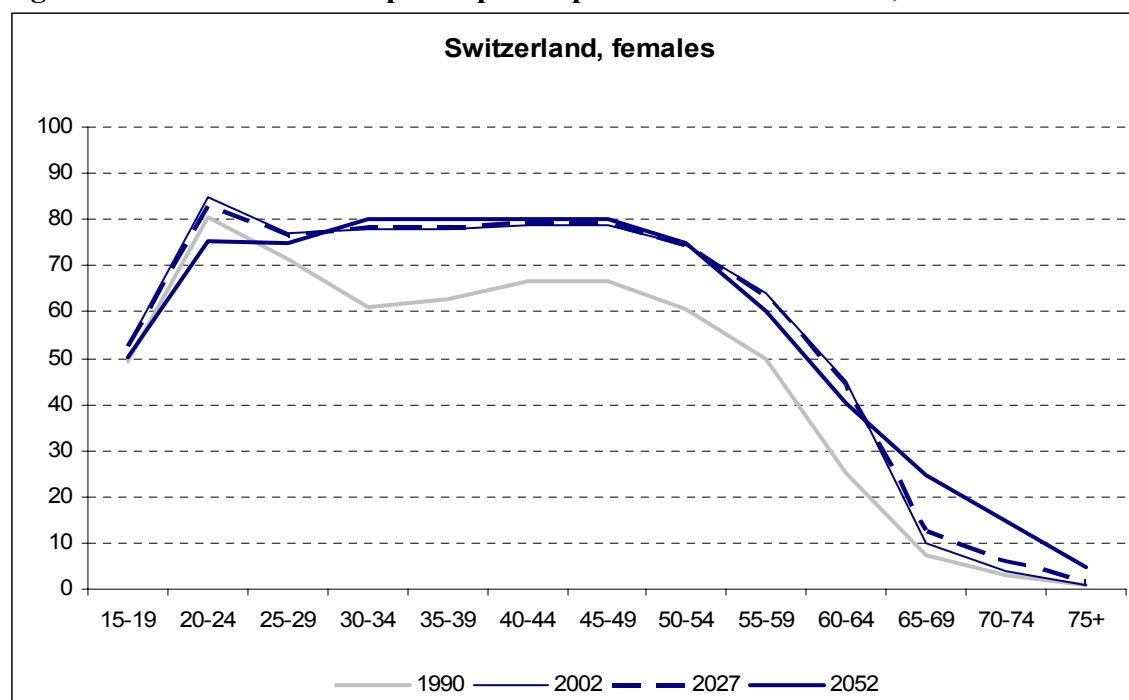
Source: own computations

Figure A.26a. Labour force participation patterns in Switzerland, males



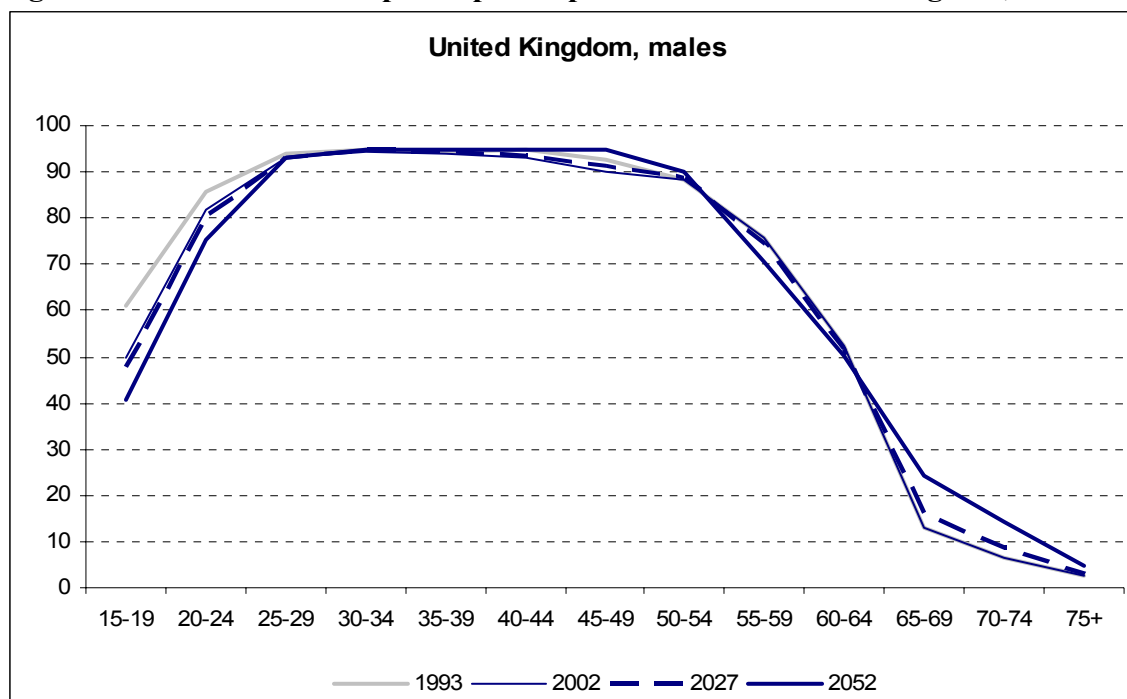
Source: own computations

Figure A.26b. Labour force participation patterns in Switzerland, females



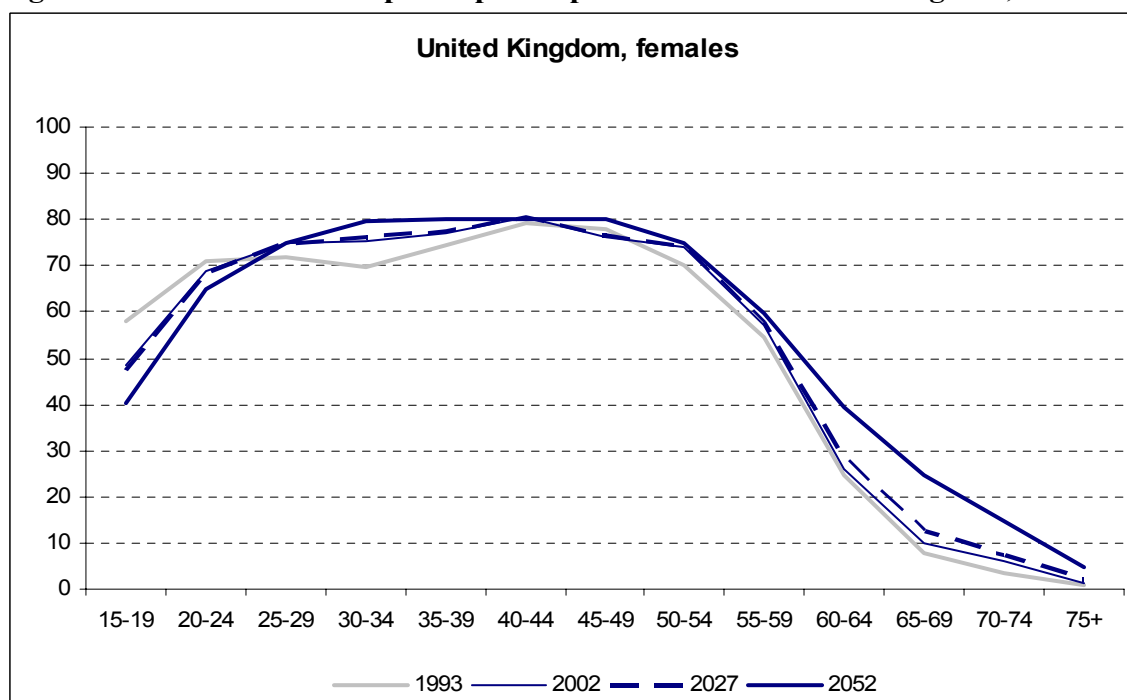
Source: own computations

Figure A.27a. Labour force participation patterns in the United Kingdom, males



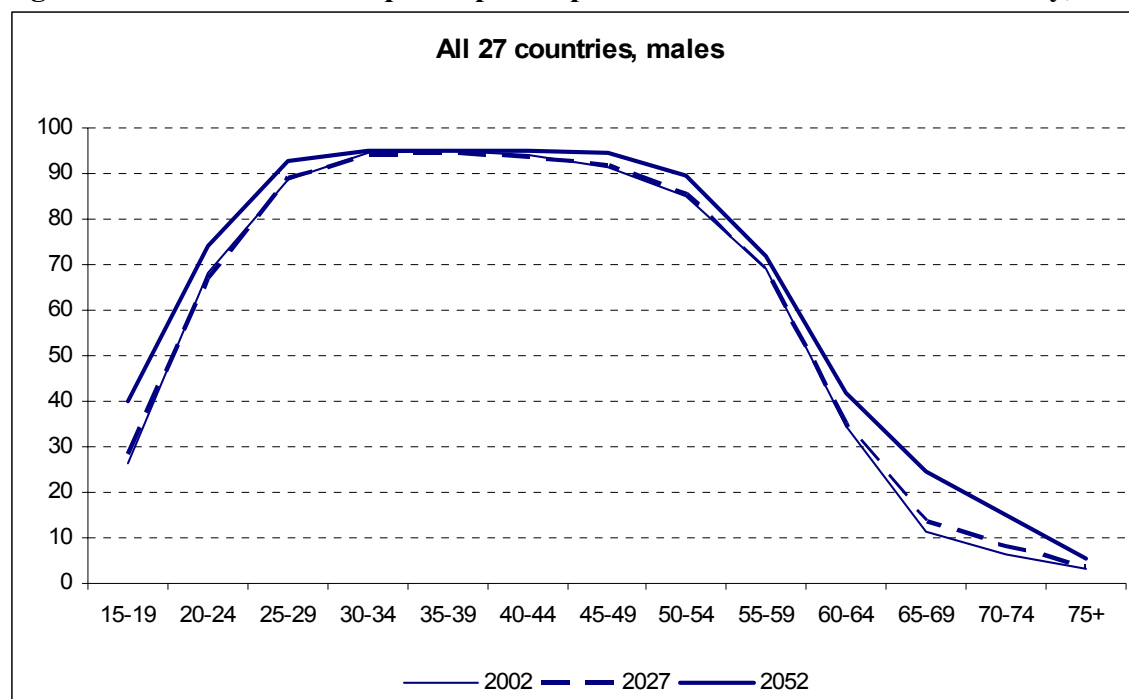
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Figure A.27b. Labour force participation patterns in the United Kingdom, females



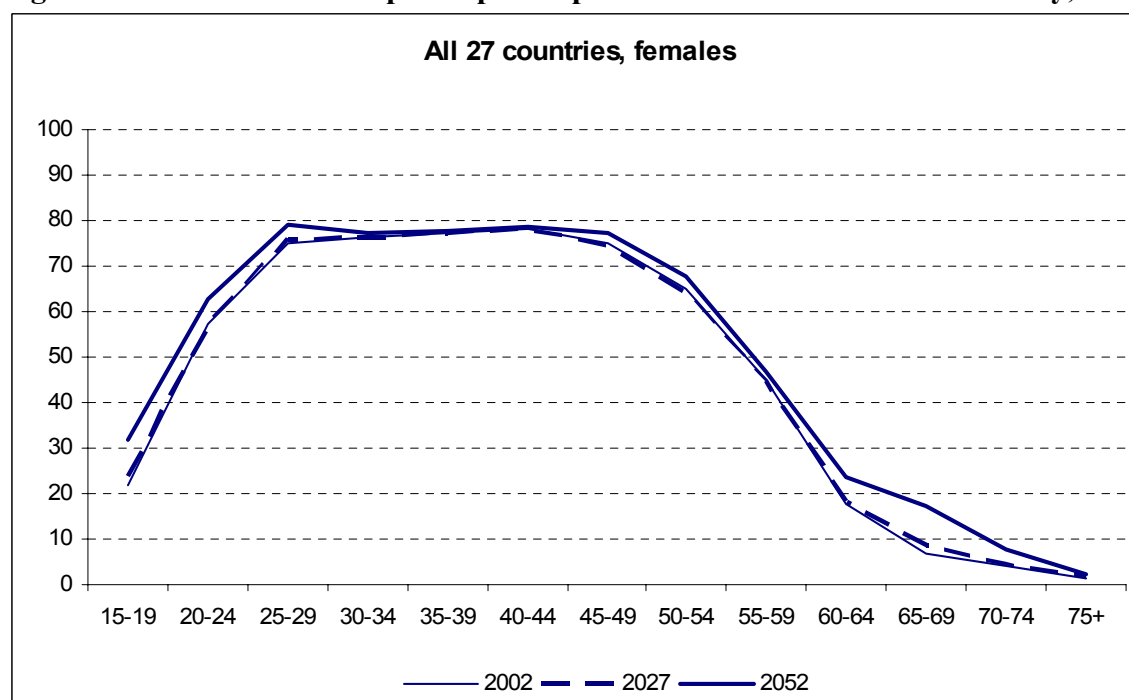
Source: own computations

Figure A.28a. Labour force participation patterns in 27 countries under study, males



Source: own computations

Figure A.28b. Labour force participation patterns in 27 countries under study, females



Source: own computations

A2. Projected labour force participation rates, total and 15+, 2002-52

Table A.1a. Forecasted labour force participation rates for total population, 2002-52.
Both sexes

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	48.8	48.1	47.8	46.8	45.3	43.8	43.0	42.7	42.4	42.0	41.6
BE	42.7	42.8	42.4	41.8	41.1	40.6	40.6	41.1	41.5	41.8	41.7
BG	43.2	43.8	43.7	43.1	42.8	42.8	42.8	42.8	42.5	42.0	41.6
CH	55.8	56.4	56.4	55.8	54.6	52.9	51.3	50.2	49.3	48.5	47.7
CZ	50.3	49.2	49.0	48.7	48.4	47.9	46.9	45.5	44.2	42.9	41.7
DE	49.3	49.4	49.3	48.5	47.2	45.6	44.6	44.3	43.8	43.3	42.7
DK	54.1	52.5	51.9	51.3	50.4	49.0	47.9	47.3	47.2	47.2	47.0
EE	48.3	48.8	49.6	49.1	48.4	48.1	48.1	47.8	47.1	45.9	44.8
ES	45.8	44.9	44.5	43.7	42.7	41.6	40.4	39.2	38.1	37.3	36.8
FI	50.7	48.2	46.7	45.3	44.3	43.8	44.0	44.7	45.2	45.3	45.2
FR	44.9	43.9	42.7	41.9	41.3	41.5	42.3	43.5	44.5	45.2	45.6
GR	44.8	45.2	45.1	44.6	43.9	43.0	42.0	40.8	39.7	38.7	38.0
HU	41.1	41.3	41.2	41.3	41.9	42.6	43.1	43.4	43.7	43.5	43.0
IE	46.5	46.5	46.2	45.7	45.3	45.1	44.9	44.5	43.9	43.2	42.7
IT	40.2	39.0	38.2	37.5	36.8	36.1	35.8	35.7	35.8	35.9	36.0
LT	49.8	51.6	53.1	53.2	52.2	50.9	49.8	48.7	47.2	45.2	43.5
LU	43.3	42.5	42.4	42.3	41.8	41.3	41.1	41.4	41.7	41.9	41.9
LV	48.1	47.7	48.8	48.7	48.0	47.6	47.6	47.5	46.7	45.2	44.0
NL	51.5	51.1	50.1	49.1	47.8	46.4	45.5	45.2	45.0	44.8	44.6
NO	53.0	52.3	52.0	51.5	50.5	49.4	48.4	47.8	47.7	47.6	47.3
PL	45.1	45.1	45.1	44.8	44.3	44.0	43.9	43.8	43.3	42.4	41.4
PT	52.2	52.0	51.5	50.9	50.4	49.8	49.1	48.1	47.2	46.6	46.2
RO	50.7	49.9	50.0	50.1	50.1	49.9	49.6	49.1	48.2	47.0	46.0
SE	50.7	48.1	47.5	47.2	46.7	46.4	46.3	46.7	47.2	47.3	47.0
SI	49.4	49.5	48.8	47.8	46.9	46.1	45.4	44.7	44.1	43.4	42.8
SK	49.0	49.6	49.5	49.0	48.3	47.8	46.9	45.8	44.5	43.2	42.1
UK	50.2	50.5	50.6	50.3	49.4	48.1	46.9	46.2	45.7	45.3	44.8
All 27	47.1	46.7	46.3	45.7	44.9	44.1	43.6	43.3	43.1	42.7	42.4

Source: own computations

**Table A.1b. Forecasted labour force participation rates for population 15+, 2002-52.
Both sexes**

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	58.5	57.5	55.5	55.9	52.0	52.2	49.1	51.0	48.0	50.5	47.0
BE	51.7	51.7	50.3	50.3	48.3	48.6	47.6	49.0	48.5	49.7	48.8
BG	50.7	51.8	50.3	52.1	48.4	52.9	47.7	54.5	47.4	55.5	46.2
CH	67.3	67.5	65.8	66.0	63.0	62.1	59.0	58.6	56.3	56.6	54.4
CZ	59.8	58.5	56.2	57.9	54.7	57.3	52.5	54.8	49.5	52.0	46.8
DE	58.1	58.2	56.6	57.1	53.8	53.8	50.7	52.4	49.6	51.5	48.4
DK	66.6	64.4	62.6	62.6	59.8	59.5	57.2	57.3	56.3	57.2	55.9
EE	58.1	59.0	58.2	60.0	56.7	59.5	55.5	60.0	54.3	58.4	51.8
ES	53.5	52.2	51.8	50.2	48.8	47.6	45.5	44.7	42.9	42.4	41.4
FI	61.7	58.5	55.6	54.8	52.6	52.7	52.2	53.7	53.5	54.5	53.6
FR	55.2	53.6	52.1	50.7	49.9	49.8	50.6	51.9	53.1	53.8	54.2
GR	53.0	53.4	52.3	52.6	50.1	50.8	47.3	48.3	44.7	45.9	42.8
HU	49.0	49.4	47.8	49.7	47.7	51.5	48.7	52.9	49.4	53.5	48.6
IE	58.9	57.9	57.8	55.5	55.4	53.8	53.7	52.5	52.2	50.6	50.5
IT	46.9	45.4	43.9	43.6	41.4	42.0	40.1	41.7	40.2	42.1	40.4
LT	61.2	63.8	61.5	66.7	59.8	64.8	56.4	63.2	53.3	60.0	49.3
LU	53.4	51.8	50.7	50.8	49.0	49.0	47.9	48.8	48.4	49.3	48.6
LV	57.5	57.4	56.4	59.3	55.4	58.8	54.1	59.6	53.0	57.8	50.2
NL	63.3	62.4	60.6	59.3	56.9	55.6	54.2	53.8	53.5	53.3	53.0
NO	66.2	65.0	63.3	63.3	60.7	60.1	58.1	57.9	56.9	57.5	56.4
PL	55.0	55.1	52.5	55.0	50.8	54.4	49.6	54.9	48.8	54.0	46.6
PT	62.1	61.7	61.1	60.3	58.6	59.0	56.5	56.9	54.5	55.2	53.3
RO	61.4	60.8	58.8	62.4	57.9	63.7	56.4	64.5	54.5	64.1	51.8
SE	61.9	58.6	56.3	57.0	55.3	55.7	54.8	55.9	55.6	56.5	55.6
SI	58.2	58.3	56.0	56.3	53.0	54.4	50.8	52.9	49.3	51.7	47.9
SK	60.1	60.7	57.8	60.2	55.4	59.0	52.8	57.0	49.8	54.6	47.2
UK	62.0	62.2	60.7	61.4	58.6	58.5	55.5	55.9	53.8	54.7	52.7
All 27	56.6	55.3	54.4	53.3	52.1	50.9	50.2	49.8	49.5	49.1	48.7

Source: own computations

**Table A.2a. Forecasted labour force participation rates for total population, 2002-52.
Males**

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	55.9	54.9	54.5	53.6	52.0	50.4	49.7	49.5	49.4	49.0	48.6
BE	49.7	49.9	49.6	48.9	48.1	47.7	47.9	48.7	49.4	49.8	49.8
BG	46.9	48.0	48.3	47.9	47.7	48.1	48.7	49.0	49.0	48.4	47.7
CH	63.5	64.2	64.2	63.8	62.6	60.9	59.1	58.0	57.1	56.3	55.4
CZ	57.8	56.7	56.2	55.6	55.2	54.7	54.2	52.9	51.6	50.2	48.9
DE	56.4	56.1	55.9	55.1	53.8	52.1	51.0	50.6	50.2	49.7	49.1
DK	58.6	56.7	55.9	55.3	54.3	52.9	51.8	51.1	51.0	51.1	50.9
EE	53.5	54.3	55.5	55.2	54.6	54.3	54.6	54.5	53.7	52.4	51.1
ES	56.2	55.5	55.4	54.8	53.9	52.7	51.3	49.8	48.3	47.3	46.6
FI	54.2	51.3	49.7	48.3	47.3	46.8	47.1	47.8	48.4	48.7	48.5
FR	49.0	47.7	46.4	45.6	45.1	45.3	46.1	47.4	48.4	49.0	49.3
GR	54.5	55.3	55.6	55.3	54.7	53.8	52.6	51.2	49.7	48.4	47.4
HU	47.7	48.3	48.4	48.5	48.9	49.8	50.6	51.3	51.7	51.6	51.0
IE	53.9	53.9	53.9	53.7	53.6	53.6	53.6	53.3	52.7	51.9	51.1
IT	50.8	49.4	48.7	48.0	47.2	46.6	46.3	46.3	46.5	46.6	46.6
LT	54.5	56.9	59.0	59.7	59.0	57.6	56.5	55.5	54.1	52.1	50.0
LU	52.2	51.7	51.8	51.8	51.3	50.6	50.5	50.8	51.1	51.2	51.1
LV	53.9	53.5	55.0	55.1	54.4	54.0	54.2	54.3	53.6	52.0	50.6
NL	57.7	57.2	56.1	55.1	53.7	52.3	51.5	51.3	51.3	51.2	51.0
NO	56.7	55.8	55.2	54.5	53.5	52.2	51.2	50.6	50.6	50.6	50.3
PL	50.5	50.8	51.2	50.9	50.4	50.1	50.3	50.6	50.3	49.4	48.2
PT	58.8	58.7	58.3	57.8	57.4	57.0	56.3	55.3	54.4	53.7	53.2
RO	56.2	55.3	55.5	55.7	56.0	56.1	56.2	55.9	55.1	53.8	52.8
SE	53.6	50.8	50.2	49.9	49.5	49.1	49.1	49.7	50.2	50.4	50.1
SI	54.6	54.8	54.1	53.1	52.3	51.7	51.4	51.0	50.4	49.7	49.0
SK	55.0	56.2	56.6	56.0	55.4	55.0	54.8	54.1	53.0	51.7	50.4
UK	56.6	56.8	56.9	56.4	55.5	54.2	52.8	51.9	51.3	50.9	50.4
All 27	54.0	53.5	53.2	52.6	51.8	51.0	50.5	50.2	50.0	49.6	49.2

Source: own computations

**Table A.2b. Forecasted labour force participation rates for population 15+, 2002-52.
Males**

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	67.9	65.4	63.9	62.3	60.2	58.2	57.1	56.6	56.2	55.8	55.3
BE	60.8	60.3	59.3	58.1	57.0	56.4	56.6	57.3	58.1	58.5	58.6
BG	55.6	55.9	56.0	55.3	54.5	54.4	54.7	55.1	54.9	54.2	53.2
CH	77.4	76.6	75.5	74.3	72.8	70.7	68.4	66.7	65.6	64.5	63.5
CZ	69.3	66.4	65.1	63.9	62.9	62.0	61.0	59.6	58.2	56.7	55.2
DE	67.1	65.5	64.6	63.3	61.7	59.7	58.3	57.7	57.2	56.6	56.1
DK	72.7	70.0	67.9	66.3	64.9	63.4	62.3	61.5	61.2	61.2	60.9
EE	65.9	64.9	66.6	66.4	65.3	64.3	64.0	63.8	62.9	61.4	59.8
ES	66.3	65.2	65.0	63.8	62.0	60.0	58.0	56.2	54.7	53.5	52.8
FI	66.6	62.3	59.6	57.8	56.6	55.9	56.3	57.0	57.7	58.0	57.9
FR	61.0	59.1	57.4	56.0	55.1	55.0	55.8	57.1	58.3	58.9	59.1
GR	65.0	65.1	64.9	63.9	62.8	61.2	59.6	57.8	56.2	54.7	53.6
HU	57.8	57.6	56.9	56.4	56.5	57.1	57.9	58.6	59.0	58.8	58.1
IE	68.8	68.2	67.8	66.8	65.7	64.9	64.3	63.5	62.5	61.4	60.3
IT	59.8	57.8	56.4	55.0	53.5	52.5	52.2	52.3	52.5	52.6	52.6
LT	68.5	68.5	69.5	69.6	68.5	66.6	64.9	63.5	61.8	59.6	57.3
LU	65.0	63.1	62.0	61.1	60.0	59.0	58.6	58.8	59.1	59.1	58.9
LV	65.8	63.1	64.7	65.2	63.9	62.9	62.5	62.4	61.7	60.0	58.4
NL	71.4	70.2	68.3	66.3	64.3	62.7	61.7	61.5	61.3	61.2	61.0
NO	71.6	69.4	67.7	66.1	64.7	63.3	62.1	61.3	61.0	60.9	60.7
PL	62.3	60.7	60.1	59.3	58.3	57.5	57.2	57.3	57.1	56.1	54.7
PT	70.7	70.5	70.0	68.8	67.5	66.4	65.4	64.3	63.3	62.6	62.0
RO	68.7	66.0	66.0	65.8	65.4	64.9	64.5	64.0	62.9	61.3	59.9
SE	66.0	61.3	59.8	59.5	58.9	58.5	58.5	58.9	59.5	59.8	59.6
SI	65.0	64.1	62.7	61.0	59.5	58.4	57.8	57.3	56.6	55.9	55.0
SK	68.2	67.4	66.6	65.3	63.9	62.8	62.0	60.9	59.6	58.1	56.5
UK	70.6	69.8	68.8	67.6	66.3	64.7	62.9	61.7	60.9	60.3	59.7
All 27	65.5	64.0	63.1	61.9	60.6	59.4	58.6	58.2	57.9	57.4	56.9

Source: own computations

**Table A.3a. Forecasted labour force participation rates for total population, 2002-52.
Females**

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	42.1	41.6	41.3	40.4	38.8	37.4	36.6	36.2	35.7	35.2	34.8
BE	35.9	35.9	35.5	34.9	34.2	33.7	33.5	33.6	33.8	33.8	33.8
BG	39.6	39.8	39.5	38.7	38.2	37.8	37.3	36.9	36.5	36.0	35.8
CH	48.5	48.9	48.8	48.0	46.7	45.1	43.7	42.6	41.7	40.9	40.2
CZ	43.3	42.2	42.1	42.1	41.9	41.5	40.1	38.5	37.2	35.9	34.9
DE	42.5	42.9	42.9	42.2	40.9	39.5	38.6	38.3	37.8	37.2	36.7
DK	49.7	48.4	47.9	47.4	46.5	45.1	44.1	43.5	43.5	43.5	43.2
EE	43.9	44.1	44.5	43.9	43.1	42.7	42.5	42.0	41.2	40.1	39.2
ES	35.7	34.7	34.0	32.9	31.9	30.8	29.8	28.9	28.0	27.4	27.1
FI	47.3	45.2	43.8	42.5	41.4	40.9	41.0	41.6	42.0	42.1	41.9
FR	41.1	40.2	39.2	38.3	37.7	37.8	38.6	39.7	40.8	41.6	42.0
GR	35.4	35.2	34.8	34.1	33.4	32.5	31.6	30.7	29.8	29.2	28.7
HU	35.1	34.9	34.6	34.9	35.5	36.0	36.1	36.2	36.3	36.0	35.5
IE	39.2	39.0	38.3	37.4	36.6	36.1	35.5	35.0	34.4	33.8	33.3
IT	30.3	29.1	28.3	27.6	26.7	26.1	25.7	25.5	25.5	25.5	25.5
LT	45.7	46.9	47.9	47.5	46.4	45.0	43.9	42.8	41.2	39.3	37.9
LU	34.7	33.3	32.8	32.3	31.7	31.2	30.9	31.0	31.2	31.4	31.4
LV	43.2	42.8	43.5	43.2	42.5	42.1	41.9	41.6	40.7	39.2	38.2
NL	45.4	45.1	44.3	43.3	41.9	40.6	39.6	39.1	38.8	38.6	38.3
NO	49.3	49.0	48.9	48.5	47.7	46.6	45.7	45.2	45.0	44.8	44.5
PL	40.0	39.7	39.4	39.0	38.7	38.3	38.0	37.5	36.8	35.8	34.9
PT	46.1	45.8	45.2	44.4	43.7	43.1	42.3	41.3	40.4	39.8	39.4
RO	45.5	44.8	44.8	44.9	44.7	44.2	43.6	42.8	41.8	40.7	39.7
SE	47.9	45.5	44.8	44.4	44.0	43.6	43.5	43.8	44.2	44.3	44.0
SI	44.4	44.4	43.6	42.7	41.6	40.6	39.6	38.5	37.7	37.1	36.6
SK	43.4	43.2	42.7	42.1	41.4	40.6	39.1	37.3	35.7	34.3	33.4
UK	44.0	44.4	44.5	44.3	43.5	42.3	41.3	40.7	40.4	39.9	39.4
All 27	40.5	40.1	39.7	39.1	38.3	37.5	36.9	36.6	36.4	36.1	35.8

Source: own computations

**Table A.3b. Forecasted labour force participation rates for population 15+, 2002-52.
Females**

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	49.9	48.6	47.7	46.3	44.3	42.5	41.5	40.8	40.2	39.6	39.1
BE	43.2	42.7	41.8	40.8	39.9	39.2	39.0	39.0	39.2	39.3	39.3
BG	46.1	45.5	44.9	43.9	42.9	42.0	41.3	40.8	40.4	39.8	39.5
CH	57.8	57.4	56.5	55.2	53.6	51.7	49.9	48.4	47.3	46.4	45.6
CZ	50.9	48.6	47.9	47.7	47.1	46.3	44.6	42.8	41.4	40.0	38.9
DE	49.7	49.4	48.9	47.8	46.3	44.6	43.5	43.0	42.4	41.8	41.3
DK	60.6	58.8	57.4	56.1	54.8	53.3	52.3	51.7	51.5	51.4	51.0
EE	51.8	50.9	51.4	50.8	49.7	48.9	48.3	47.7	46.9	45.7	44.7
ES	41.5	40.3	39.3	37.9	36.2	34.7	33.4	32.3	31.4	30.8	30.4
FI	57.1	53.9	51.7	50.1	48.9	48.1	48.3	48.9	49.4	49.6	49.4
FR	50.0	48.6	47.3	46.0	45.1	45.0	45.7	47.0	48.2	49.1	49.6
GR	41.5	41.0	40.1	39.0	37.9	36.7	35.5	34.4	33.4	32.7	32.2
HU	41.3	40.5	39.7	39.7	40.0	40.4	40.5	40.6	40.7	40.4	39.8
IE	49.3	48.7	47.8	46.3	44.7	43.5	42.6	41.7	40.9	40.2	39.6
IT	35.0	33.5	32.3	31.1	29.9	29.1	28.6	28.5	28.5	28.5	28.5
LT	55.1	54.6	54.7	53.9	52.5	50.7	49.2	47.8	46.0	43.9	42.5
LU	42.4	40.3	39.1	38.1	37.3	36.5	36.2	36.2	36.5	36.6	36.7
LV	50.6	48.8	49.5	49.4	48.4	47.5	47.0	46.6	45.7	44.1	43.1
NL	55.4	54.6	53.1	51.4	49.6	48.0	46.8	46.2	45.8	45.5	45.2
NO	61.1	60.0	59.1	58.0	56.8	55.6	54.4	53.6	53.2	52.9	52.5
PL	48.2	46.5	45.4	44.7	44.0	43.2	42.5	41.9	41.1	40.1	39.1
PT	54.2	53.7	53.0	51.7	50.4	49.3	48.2	47.2	46.3	45.6	45.2
RO	54.5	52.4	52.2	51.9	51.1	50.1	49.1	48.1	46.9	45.5	44.4
SE	58.0	54.1	52.8	52.3	51.8	51.3	51.1	51.4	51.8	52.0	51.7
SI	51.9	51.0	49.7	48.3	46.7	45.3	44.0	42.8	41.9	41.3	40.8
SK	52.6	50.8	49.4	48.3	47.1	45.8	43.7	41.7	39.9	38.3	37.3
UK	53.8	53.6	53.0	52.2	51.1	49.7	48.5	47.7	47.2	46.5	46.0
All 27	48.2	47.1	46.3	45.2	44.0	43.0	42.2	41.9	41.5	41.2	40.9

Source: own computations

Table A.4a. Simulated labour force participation rates with constant age-specific patterns, total population, 2002-52. Both sexes

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	48.8	48.8	48.6	47.5	45.7	43.7	42.2	41.3	40.4	39.5	38.8
BE	42.7	42.4	41.8	41.0	39.9	38.9	38.1	37.5	37.1	36.7	36.3
BG	43.2	43.6	43.4	42.6	41.6	40.6	39.2	37.6	36.0	34.6	33.6
CH	55.8	56.5	56.5	55.9	54.8	53.2	51.8	50.8	50.2	49.5	48.8
CZ	50.3	50.6	50.4	49.9	49.3	48.6	47.1	45.1	43.1	41.2	39.8
DE	49.3	49.4	49.3	48.4	46.9	45.0	43.6	42.7	41.9	41.0	40.2
DK	54.1	53.2	52.6	52.1	51.1	49.6	48.3	47.4	47.2	47.1	46.9
EE	48.3	49.3	50.1	49.5	48.6	48.1	47.6	46.9	45.8	44.4	43.2
ES	45.8	46.2	45.8	45.0	43.8	42.3	40.4	38.4	36.4	35.0	34.2
FI	50.7	49.9	48.5	46.9	45.5	44.4	43.8	43.6	43.3	42.9	42.3
FR	44.9	44.4	43.4	42.2	41.2	40.3	39.7	39.4	39.0	38.7	38.4
GR	44.8	45.6	45.5	45.0	44.2	43.1	41.6	40.0	38.4	37.0	36.1
HU	41.1	41.5	41.4	41.3	41.2	40.8	39.7	38.2	36.8	35.5	34.4
IE	46.5	47.4	47.3	46.7	46.1	45.6	45.0	44.1	43.1	42.1	41.3
IT	40.2	39.8	39.2	38.3	37.2	35.7	34.3	33.0	32.1	31.5	31.1
LT	49.8	51.5	53.0	53.1	52.1	50.6	49.1	47.9	46.3	44.1	42.1
LU	43.3	43.6	43.6	43.2	42.3	41.0	39.7	38.7	38.0	37.5	37.0
LV	48.1	49.6	50.6	50.1	49.0	48.2	47.5	46.5	45.1	43.2	41.5
NL	51.5	50.7	49.7	48.6	47.2	45.7	44.6	44.0	43.6	43.4	43.0
NO	53.0	53.4	53.4	52.8	51.7	50.4	49.0	48.0	47.5	47.1	46.7
PL	45.1	46.4	46.6	46.0	45.0	43.8	42.4	40.7	38.9	37.2	35.8
PT	52.2	52.2	51.5	50.8	50.1	49.3	48.3	47.1	46.0	45.1	44.6
RO	50.7	51.9	52.3	52.3	52.2	51.7	51.1	50.4	49.6	48.8	48.2
SE	50.7	51.0	50.6	49.9	49.0	48.1	47.0	46.4	45.9	45.5	44.8
SI	49.4	49.7	48.9	47.7	46.3	44.9	43.4	41.8	40.3	39.2	38.4
SK	49.0	50.5	50.5	49.7	48.7	47.6	46.0	43.8	41.5	39.5	37.9
UK	50.2	50.5	50.6	50.2	49.4	48.1	46.7	45.8	45.2	44.8	44.3
All 27	47.1	47.3	47.0	46.2	45.1	43.8	42.6	41.5	40.6	39.7	39.1

Source: own computations

Table A.4b. Simulated labour force participation rates with constant age-specific patterns, population 15+, 2002-52. Both sexes

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	58.5	58.4	56.5	56.7	52.5	52.0	48.1	49.3	45.7	47.5	43.8
BE	51.7	51.2	49.6	49.4	47.0	46.6	44.6	44.8	43.4	43.7	42.5
BG	50.7	51.6	49.9	51.4	47.1	50.2	43.8	47.9	40.1	45.7	37.3
CH	67.3	67.6	65.8	66.1	63.2	62.5	59.5	59.4	57.3	57.9	55.6
CZ	59.8	60.0	57.8	59.4	55.8	58.0	52.7	54.2	48.2	50.0	44.7
DE	58.1	58.2	56.6	57.0	53.4	53.1	49.5	50.6	47.4	48.8	45.5
DK	66.6	65.2	63.5	63.5	60.7	60.2	57.7	57.5	56.2	57.0	55.7
EE	58.1	59.6	58.8	60.5	57.0	59.4	54.9	58.8	52.8	56.6	49.9
ES	53.5	53.7	53.4	51.6	50.0	48.3	45.5	43.7	41.0	39.8	38.5
FI	61.7	60.6	57.7	56.7	54.1	53.4	51.9	52.4	51.2	51.6	50.2
FR	55.2	54.3	52.9	51.1	49.7	48.4	47.5	47.0	46.6	46.0	45.7
GR	53.0	53.9	52.8	53.1	50.4	50.8	46.9	47.3	43.2	43.9	40.6
HU	49.0	49.6	48.0	49.7	47.0	49.3	44.9	46.5	41.6	43.6	39.0
IE	58.9	59.0	59.2	56.7	56.4	54.5	53.9	52.0	51.2	49.3	48.9
IT	46.9	46.3	45.1	44.6	41.9	41.6	38.4	38.6	36.1	37.0	35.0
LT	61.2	63.7	61.5	66.6	59.7	64.4	55.7	62.1	52.2	58.6	47.7
LU	53.4	53.2	52.1	51.9	49.6	48.7	46.3	45.8	44.2	44.1	43.0
LV	57.5	59.6	58.5	61.0	56.7	59.5	53.9	58.4	51.2	55.2	47.3
NL	63.3	61.9	60.0	58.7	56.2	54.8	53.0	52.4	51.9	51.6	51.1
NO	66.2	66.4	64.9	64.9	62.1	61.3	58.9	58.2	56.7	56.9	55.8
PL	55.0	56.7	54.1	56.5	51.7	54.2	47.8	51.0	43.8	47.3	40.4
PT	62.1	61.9	61.1	60.1	58.3	58.4	55.6	55.8	53.1	53.5	51.6
RO	61.4	63.2	61.6	65.2	60.3	66.0	58.0	66.2	56.1	66.6	54.3
SE	61.9	62.0	59.9	60.3	58.1	57.7	55.6	55.5	54.1	54.3	53.0
SI	58.2	58.5	56.2	56.1	52.3	53.0	48.5	49.5	45.1	46.7	43.0
SK	60.1	61.9	58.9	61.1	55.8	58.8	51.7	54.6	46.5	49.9	42.5
UK	62.0	62.2	60.7	61.4	58.5	58.4	55.2	55.4	53.2	54.1	52.0
All 27	56.6	56.0	55.2	53.9	52.4	50.6	49.0	47.7	46.6	45.7	45.0

Source: own computations

Table A.5a. Simulated labour force participation rates with constant age-specific patterns, total population, 2002-52. Males

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	55.9	55.8	55.5	54.4	52.4	50.2	48.6	47.6	46.7	45.8	44.9
BE	49.7	49.4	48.8	47.9	46.6	45.4	44.5	43.9	43.5	43.0	42.5
BG	46.9	47.9	48.0	47.2	46.4	45.6	44.5	42.9	41.2	39.5	38.1
CH	63.5	64.3	64.3	63.9	62.8	61.3	59.7	58.7	58.1	57.4	56.5
CZ	57.8	58.3	58.0	57.2	56.4	55.6	54.4	52.3	50.0	48.0	46.2
DE	56.4	56.1	55.9	55.0	53.4	51.3	49.6	48.6	47.7	46.7	45.8
DK	58.6	57.5	56.8	56.2	55.2	53.6	52.2	51.3	50.9	50.9	50.7
EE	53.5	54.8	56.0	55.7	54.9	54.3	53.9	53.3	52.2	50.6	49.1
ES	56.2	57.1	57.1	56.4	55.3	53.6	51.3	48.7	46.1	44.2	43.2
FI	54.2	53.2	51.7	50.1	48.6	47.4	46.7	46.4	46.1	45.6	45.0
FR	49.0	48.3	47.1	46.0	45.0	44.2	43.7	43.4	43.1	42.7	42.3
GR	54.5	55.8	56.2	55.9	55.1	53.9	52.1	50.1	48.0	46.2	44.9
HU	47.7	48.6	48.7	48.4	48.1	47.6	46.5	44.8	43.1	41.7	40.4
IE	53.9	55.0	55.2	55.0	54.7	54.4	53.8	52.9	51.8	50.6	49.7
IT	50.8	50.5	49.9	49.0	47.7	46.0	44.2	42.6	41.4	40.5	40.0
LT	54.5	56.9	59.0	59.6	58.8	57.3	55.8	54.5	53.1	50.8	48.3
LU	52.2	52.9	53.1	52.8	51.7	50.1	48.5	47.2	46.2	45.4	44.7
LV	53.9	55.9	57.2	56.9	55.7	54.8	54.1	53.2	51.8	49.7	47.7
NL	57.7	56.7	55.6	54.5	53.0	51.4	50.2	49.6	49.2	48.9	48.6
NO	56.7	57.0	56.7	56.0	54.8	53.3	51.9	50.9	50.3	50.1	49.7
PL	50.5	52.4	52.9	52.3	51.2	49.9	48.5	46.8	45.0	43.1	41.5
PT	58.8	58.9	58.4	57.7	57.1	56.4	55.3	54.1	52.8	51.9	51.3
RO	56.2	57.6	58.2	58.3	58.3	58.1	57.6	57.0	56.1	55.2	54.6
SE	53.6	53.7	53.3	52.7	51.8	50.8	49.8	49.1	48.7	48.3	47.6
SI	54.6	55.1	54.3	53.0	51.6	50.4	49.1	47.6	46.0	44.7	43.8
SK	55.0	57.4	57.8	56.9	55.8	54.7	53.5	51.4	48.9	46.6	44.6
UK	56.6	56.8	56.9	56.4	55.5	54.1	52.5	51.4	50.8	50.4	49.8
All 27	54.0	54.2	54.0	53.2	52.1	50.7	49.3	48.1	47.0	46.0	45.2

Source: own computations

Table A.5b. Simulated labour force participation rates with constant age-specific patterns, population 15+, 2002-52. Males

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	67.9	66.5	65.0	63.3	60.7	57.9	55.8	54.3	53.1	52.0	51.0
BE	60.8	59.7	58.4	56.9	55.3	53.7	52.5	51.8	51.2	50.6	50.0
BG	55.6	55.7	55.7	54.5	52.9	51.6	50.0	48.2	46.2	44.2	42.6
CH	77.4	76.7	75.6	74.4	73.1	71.1	69.0	67.6	66.7	65.8	64.7
CZ	69.3	68.3	67.2	65.8	64.3	62.9	61.3	58.9	56.4	54.1	52.2
DE	67.1	65.5	64.6	63.1	61.2	58.8	56.7	55.4	54.3	53.2	52.3
DK	72.7	71.0	69.0	67.4	65.9	64.3	62.8	61.7	61.1	61.0	60.7
EE	65.9	65.6	67.2	67.0	65.6	64.2	63.3	62.4	61.1	59.3	57.5
ES	66.3	67.1	66.9	65.6	63.5	60.9	58.0	55.0	52.1	50.0	48.9
FI	66.6	64.5	62.0	59.9	58.2	56.7	55.8	55.3	54.9	54.3	53.7
FR	61.0	59.8	58.2	56.5	54.9	53.7	52.8	52.4	51.9	51.3	50.8
GR	65.0	65.7	65.5	64.6	63.2	61.3	59.1	56.7	54.3	52.2	50.8
HU	57.8	57.8	57.2	56.3	55.5	54.6	53.1	51.2	49.2	47.6	46.1
IE	68.8	69.6	69.5	68.5	67.0	65.8	64.5	63.0	61.5	59.9	58.5
IT	59.8	59.0	57.9	56.2	54.1	51.9	49.8	48.1	46.7	45.8	45.2
LT	68.5	68.5	69.5	69.5	68.3	66.2	64.1	62.3	60.6	58.2	55.4
LU	65.0	64.6	63.6	62.3	60.5	58.4	56.3	54.7	53.4	52.4	51.6
LV	65.8	65.8	67.3	67.2	65.5	63.8	62.4	61.2	59.6	57.4	55.1
NL	71.4	69.6	67.6	65.6	63.5	61.5	60.1	59.4	58.9	58.5	58.0
NO	71.6	70.9	69.5	67.9	66.3	64.7	63.0	61.6	60.7	60.3	60.0
PL	62.3	62.6	62.1	60.9	59.3	57.3	55.2	53.1	51.0	48.9	47.1
PT	70.7	70.7	70.0	68.6	67.1	65.7	64.3	62.9	61.6	60.5	59.8
RO	68.7	68.8	69.3	68.9	68.2	67.2	66.2	65.2	64.1	62.9	62.0
SE	66.0	64.7	63.5	62.8	61.7	60.5	59.2	58.3	57.6	57.3	56.6
SI	65.0	64.4	62.9	60.8	58.8	56.9	55.2	53.4	51.7	50.3	49.3
SK	68.2	68.8	68.0	66.3	64.4	62.4	60.5	57.8	55.0	52.3	50.0
UK	70.6	69.8	68.8	67.5	66.3	64.5	62.6	61.2	60.2	59.7	59.1
All 27	65.5	64.9	64.0	62.6	60.9	59.0	57.2	55.7	54.4	53.3	52.4

Source: own computations

Table A.6a. Simulated labour force participation rates with constant age-specific patterns, total population, 2002-52. Females

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	42.1	42.2	42.0	41.0	39.2	37.4	36.1	35.2	34.3	33.5	32.9
BE	35.9	35.6	35.1	34.4	33.4	32.5	31.8	31.3	30.9	30.5	30.2
BG	39.6	39.7	39.2	38.2	37.2	36.0	34.3	32.6	31.1	29.9	29.3
CH	48.5	49.0	48.9	48.1	46.9	45.4	44.1	43.2	42.6	41.9	41.2
CZ	43.3	43.2	43.1	43.0	42.6	41.9	40.2	38.2	36.4	34.8	33.7
DE	42.5	43.0	42.9	42.1	40.7	39.1	37.8	37.2	36.4	35.6	34.9
DK	49.7	48.9	48.5	48.0	47.1	45.6	44.5	43.7	43.5	43.4	43.1
EE	43.9	44.6	44.9	44.3	43.3	42.7	42.1	41.3	40.2	38.9	37.8
ES	35.7	35.7	34.9	33.8	32.6	31.2	29.8	28.2	26.9	25.9	25.4
FI	47.3	46.7	45.4	43.9	42.6	41.5	41.0	40.8	40.6	40.3	39.8
FR	41.1	40.7	39.8	38.6	37.5	36.6	35.9	35.4	35.1	34.8	34.7
GR	35.4	35.5	35.1	34.4	33.6	32.5	31.3	30.1	28.9	28.0	27.4
HU	35.1	35.1	34.9	34.9	35.0	34.6	33.5	32.1	30.9	29.8	28.9
IE	39.2	39.7	39.2	38.2	37.3	36.4	35.6	34.6	33.6	32.8	32.2
IT	30.3	29.7	29.0	28.1	27.1	25.9	24.7	23.8	23.1	22.7	22.4
LT	45.7	46.9	47.8	47.5	46.2	44.7	43.4	42.1	40.3	38.3	36.7
LU	34.7	34.3	33.8	33.2	32.3	31.2	30.2	29.4	28.9	28.6	28.3
LV	43.2	44.3	44.9	44.3	43.3	42.5	41.7	40.7	39.3	37.4	36.0
NL	45.4	44.7	43.8	42.8	41.5	40.1	39.0	38.5	38.1	37.8	37.6
NO	49.3	50.0	50.1	49.7	48.7	47.5	46.3	45.3	44.8	44.4	43.9
PL	40.0	40.8	40.6	40.0	39.2	38.1	36.7	34.9	33.2	31.6	30.5
PT	46.1	45.9	45.2	44.3	43.5	42.7	41.7	40.5	39.5	38.7	38.2
RO	45.5	46.4	46.8	46.8	46.5	45.8	45.0	44.4	43.6	42.8	42.2
SE	47.9	48.2	47.8	47.1	46.3	45.3	44.3	43.6	43.2	42.7	42.1
SI	44.4	44.5	43.7	42.5	41.1	39.6	37.9	36.1	34.6	33.6	33.0
SK	43.4	44.0	43.5	42.7	41.7	40.5	38.5	36.1	33.9	32.1	30.9
UK	44.0	44.4	44.5	44.2	43.4	42.2	41.1	40.3	39.9	39.4	38.9
All 27	40.5	40.6	40.3	39.5	38.5	37.3	36.1	35.2	34.4	33.7	33.2

Source: own computations

Table A.6b. Simulated labour force participation rates with constant age-specific patterns, population 15+, 2002-52. Females

Country	2002	2007	2012	2017	2022	2027	2032	2037	2042	2047	2052
AT	49.9	49.3	48.4	46.9	44.7	42.5	40.9	39.7	38.6	37.7	36.9
BE	43.2	42.3	41.3	40.2	39.0	37.9	37.0	36.3	35.8	35.4	35.1
BG	46.1	45.4	44.7	43.3	41.7	40.0	38.0	36.1	34.5	33.1	32.4
CH	57.8	57.4	56.6	55.3	53.8	52.0	50.4	49.2	48.3	47.5	46.7
CZ	50.9	49.7	49.1	48.7	47.9	46.8	44.7	42.5	40.5	38.8	37.5
DE	49.7	49.4	49.0	47.7	46.1	44.2	42.7	41.8	40.9	40.0	39.3
DK	60.6	59.5	58.2	56.9	55.5	53.9	52.7	51.8	51.5	51.3	50.9
EE	51.8	51.4	51.9	51.3	49.9	48.9	47.9	46.9	45.8	44.4	43.2
ES	41.5	41.3	40.4	38.9	37.0	35.1	33.3	31.6	30.1	29.1	28.5
FI	57.1	55.7	53.6	51.7	50.2	48.9	48.2	48.0	47.7	47.4	46.9
FR	50.0	49.3	48.0	46.4	44.8	43.5	42.5	41.9	41.5	41.2	40.9
GR	41.5	41.3	40.5	39.3	38.1	36.6	35.2	33.7	32.4	31.4	30.7
HU	41.3	40.7	40.0	39.7	39.5	38.9	37.5	35.9	34.6	33.4	32.4
IE	49.3	49.6	48.9	47.3	45.5	44.0	42.6	41.3	40.0	39.0	38.2
IT	35.0	34.2	33.1	31.8	30.3	28.8	27.6	26.6	25.8	25.4	25.1
LT	55.1	54.6	54.7	53.8	52.3	50.4	48.6	47.0	45.0	42.9	41.1
LU	42.4	41.4	40.3	39.2	37.9	36.5	35.3	34.4	33.8	33.4	33.1
LV	50.6	50.5	51.2	50.7	49.3	48.0	46.8	45.6	44.0	42.1	40.6
NL	55.4	54.1	52.6	50.8	49.0	47.4	46.2	45.4	45.0	44.6	44.3
NO	61.1	61.3	60.6	59.4	58.1	56.6	55.1	53.8	53.0	52.4	51.9
PL	48.2	47.8	46.8	45.8	44.6	43.0	41.1	39.0	37.1	35.4	34.1
PT	54.2	53.9	52.9	51.6	50.1	48.8	47.6	46.3	45.2	44.3	43.8
RO	54.5	54.4	54.6	54.1	53.2	51.9	50.7	49.8	48.9	47.9	47.2
SE	58.0	57.4	56.3	55.5	54.5	53.4	52.1	51.2	50.6	50.1	49.5
SI	51.9	51.1	49.9	48.1	46.2	44.2	42.1	40.1	38.5	37.4	36.8
SK	52.6	51.7	50.3	49.0	47.5	45.7	43.1	40.3	37.9	35.8	34.5
UK	53.8	53.6	53.0	52.2	51.1	49.6	48.2	47.2	46.6	46.0	45.4
All 27	48.2	47.7	46.9	45.7	44.3	42.7	41.3	40.2	39.2	38.5	37.9

Source: own computations

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