# Appendix



 

Table 3: Labor Supply and Labor Demand Elasticities

<table>
<tr><th></th><th colspan="3">Skill Level</th></tr>
<tr><th></th><th>High</th><th>Medium</th><th>Low</th></tr>
<tr><td>Labor supply elasticities</td><td></td><td></td><td></td></tr>
<tr><td>Single Male</td><td></td><td></td><td></td></tr>
<tr><td>Continental</td><td>0.15</td><td>0.11</td><td>0.23</td></tr>
<tr><td>Nordic</td><td>0.27</td><td>0.21</td><td>0.34</td></tr>
<tr><td>UK/IRL</td><td>0.46</td><td>0.14</td><td>0.65</td></tr>
<tr><td>Southern</td><td>0.27</td><td>0.18</td><td>0.27</td></tr>
<tr><td>Eastern</td><td>0.15</td><td>0.17</td><td>0.24</td></tr>
<tr><td>Single Female</td><td></td><td></td><td></td></tr>
<tr><td>Continental</td><td>0.23</td><td>0.14</td><td>0.38</td></tr>
<tr><td>Nordic</td><td>0.19</td><td>0.11</td><td>0.36</td></tr>
<tr><td>UK/IRL</td><td>0.32</td><td>0.20</td><td>0.51</td></tr>
<tr><td>Southern</td><td>0.26</td><td>0.29</td><td>0.48</td></tr>
<tr><td>Eastern</td><td>0.09</td><td>0.10</td><td>0.24</td></tr>
<tr><td>Married Male</td><td></td><td></td><td></td></tr>
<tr><td>Continental</td><td>0.09</td><td>0.08</td><td>0.10</td></tr>
<tr><td>Nordic</td><td>0.11</td><td>0.09</td><td>0.14</td></tr>
<tr><td>UK/IRL</td><td>0.09</td><td>0.06</td><td>0.11</td></tr>
<tr><td>Southern</td><td>0.06</td><td>0.08</td><td>0.07</td></tr>
<tr><td>Eastern</td><td>0.08</td><td>0.08</td><td>0.08</td></tr>
<tr><td>Married Female</td><td></td><td></td><td></td></tr>
<tr><td>Continental</td><td>0.28</td><td>0.30</td><td>0.27</td></tr>
<tr><td>Nordic</td><td>0.18</td><td>0.17</td><td>0.22</td></tr>
<tr><td>UK/IRL</td><td>0.20</td><td>0.23</td><td>0.19</td></tr>
<tr><td>Southern</td><td>0.40</td><td>0.49</td><td>0.36</td></tr>
<tr><td>Eastern</td><td>0.11</td><td>0.12</td><td>0.11</td></tr>
<tr><td>Labor demand elasticities</td><td></td><td></td><td></td></tr>
<tr><td>Continental</td><td colspan="2">-0.53</td><td>-0.62</td></tr>
<tr><td>Nordic</td><td colspan="2">-0.48</td><td>-0.55</td></tr>
<tr><td>UK/IRL</td><td colspan="2">-0.66</td><td>-0.92</td></tr>
<tr><td>Southern</td><td colspan="3">-0.58</td></tr>
<tr><td>Eastern</td><td colspan="3">-0.66</td></tr>
</table>

*Note:* Supply Elasticities based on estimations from Bargain et al. (2014). The values refer to the mean value by country group. Where possible, elasticities are country-specific. If a specific country is not covered in Bargain et al. (2014), it is assigned the mean value within the country group. Demand elasticities are from Lichter et al. (2015), by adding an interaction between skill and country group to the main specification and setting the time trend to 2030. Due to insufficient empirical estimates, skill groups for the demand side had to be partly aggregated.

Table 4: Projected Total Population

| | Million People | | | % Change | |
|---|---|---|---|---|---|
| *Country* | Base | tough | friendly | tough | friendly |
| AT | 8.4 | 8.3 | 9.1 | -1.2 | 8.7 |
| BE | 10.8 | 11.7 | 12.5 | 8.1 | 15.1 |
| BG | 7.6 | 5.8 | 7.2 | -22.9 | -4.5 |
| CY | 0.8 | 0.9 | 1.0 | 10.4 | 23.9 |
| CZ | 10.5 | 10.1 | 11.2 | -3.8 | 6.5 |
| DE | 81.8 | 72.3 | 80.8 | -11.6 | -1.2 |
| DK | 5.5 | 5.7 | 6.0 | 2.5 | 7.9 |
| EE | 1.3 | 1.1 | 1.4 | -15.4 | 5.9 |
| EL | 11.3 | 10.9 | 11.8 | -4.0 | 4.4 |
| ES | 46.0 | 44.8 | 52.0 | -2.6 | 13.0 |
| FI | 5.4 | 5.5 | 5.8 | 2.6 | 7.6 |
| FR | 62.8 | 66.2 | 69.5 | 5.4 | 10.6 |
| HU | 10.0 | 9.2 | 9.7 | -8.3 | -2.7 |
| IE | 4.5 | 4.7 | 5.3 | 4.2 | 18.0 |
| IT | 60.3 | 60.6 | 67.6 | 0.5 | 12.1 |
| LT | 3.3 | 2.8 | 3.1 | -15.2 | -5.9 |
| LU | 0.5 | 0.6 | 0.7 | 21.4 | 30.4 |
| LV | 2.2 | 1.8 | 2.1 | -21.4 | -5.1 |
| MT | 0.4 | 0.4 | 0.4 | -9.5 | 4.6 |
| NL | 16.6 | 17.0 | 18.1 | 2.6 | 9.0 |
| PL | 38.2 | 34.8 | 38.3 | -8.8 | 0.3 |
| PT | 10.6 | 10.0 | 11.1 | -5.8 | 4.0 |
| RO | 21.5 | 18.0 | 21.9 | -16.0 | 2.0 |
| SE | 9.3 | 10.3 | 11.0 | 10.6 | 17.5 |
| SI | 2.0 | 2.1 | 2.3 | 0.6 | 10.8 |
| SK | 5.4 | 5.3 | 5.7 | -3.2 | 5.2 |
| UK | 62.0 | 67.5 | 70.8 | 8.8 | 14.2 |
| Average | | | | -2.7 | 7.9 |
| Weighted Average | | | | -2.3 | 7.4 |

*Note:* Own calculations based on population projections in Huisman et al. (2013) applied to EU-SILC data for 2030.



 

Table 5: Projected Total Labor Force

| | Million Workers | | | % Change | |
|---|---|---|---|---|---|
| *Country* | Base | tough | friendly | tough | friendly |
| AT | 5.7 | 5.2 | 5.6 | -7.7 | -0.9 |
| BE | 7.1 | 7.3 | 7.6 | 1.5 | 6.3 |
| BG | 5.2 | 3.7 | 4.6 | -28.6 | -12.3 |
| CY | 0.6 | 0.6 | 0.6 | 0.4 | 12.4 |
| CZ | 7.4 | 6.6 | 7.2 | -10.9 | -3.5 |
| DE | 53.9 | 43.8 | 47.9 | -18.7 | -11.1 |
| DK | 3.6 | 3.5 | 3.6 | -3.3 | -0.1 |
| EE | 0.9 | 0.7 | 0.9 | -22.3 | -2.2 |
| EL | 7.5 | 7.0 | 7.4 | -7.6 | -2.0 |
| ES | 31.4 | 28.9 | 33.2 | -8.0 | 5.8 |
| FI | 3.6 | 3.3 | 3.4 | -7.6 | -5.2 |
| FR | 40.7 | 39.6 | 40.9 | -2.7 | 0.5 |
| HU | 6.9 | 6.1 | 6.2 | -10.9 | -9.1 |
| IE | 3.0 | 2.9 | 3.4 | -3.2 | 11.5 |
| IT | 39.7 | 38.0 | 41.5 | -4.1 | 4.8 |
| LT | 2.3 | 1.8 | 2.0 | -21.2 | -14.4 |
| LU | 0.3 | 0.4 | 0.4 | 16.3 | 22.7 |
| LV | 1.5 | 1.2 | 1.4 | -25.5 | -12.6 |
| MT | 0.3 | 0.2 | 0.3 | -19.6 | -8.0 |
| NL | 11.1 | 10.4 | 10.8 | -6.8 | -2.8 |
| PL | 27.2 | 22.9 | 24.5 | -16.0 | -10.2 |
| PT | 7.1 | 6.5 | 7.0 | -8.3 | -1.9 |
| RO | 15.0 | 12.1 | 14.6 | -19.3 | -2.8 |
| SE | 6.1 | 6.3 | 6.6 | 3.4 | 8.2 |
| SI | 1.4 | 1.3 | 1.4 | -8.6 | -1.0 |
| SK | 3.9 | 3.5 | 3.7 | -10.3 | -5.1 |
| UK | 41.0 | 41.7 | 43.2 | 1.8 | 5.5 |
| Average | | | | -9.2 | -1.0 |
| Weighted Average | | | | -8.7 | -1.4 |

*Note:* Own calculations based on population projections in Huisman et al. (2013) applied to EU-SILC data for 2030.



 

Table 6: Skill Shares

| *Country* | Shares | | | Change in % Points | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Base | | | tough | | | friendly | | |
| | low | med | high | low | med | high | low | med | high |
| AT | 22.8% | 60.9% | 16.3% | -4.4 | 1.9 | 2.5 | -7.1 | -2.2 | 9.3 |
| BE | 32.6% | 36.7% | 30.7% | -8.6 | 2.4 | 6.2 | -10.5 | -0.6 | 11.1 |
| BG | 25.4% | 55.2% | 19.5% | -1.4 | -1.9 | 3.3 | -7.5 | -2.5 | 10.0 |
| CY | 28.7% | 39.5% | 31.8% | -8.0 | -1.5 | 9.5 | -12.1 | -1.8 | 14.0 |
| CZ | 14.6% | 71.0% | 14.4% | -1.6 | -2.8 | 4.4 | -4.6 | -5.7 | 10.3 |
| DE | 21.0% | 56.6% | 22.5% | -0.4 | -0.5 | 0.9 | -4.2 | -3.8 | 8.0 |
| DK | 30.9% | 40.6% | 28.5% | -7.4 | -0.6 | 8.1 | -9.3 | -4.5 | 13.8 |
| EE | 18.3% | 52.0% | 29.7% | 1.7 | -3.9 | 2.2 | -4.5 | -4.7 | 9.2 |
| EL | 38.5% | 40.5% | 21.0% | -9.3 | 4.1 | 5.2 | -11.1 | 0.6 | 10.4 |
| ES | 48.4% | 23.9% | 27.7% | -8.7 | 2.2 | 6.5 | -12.0 | -0.5 | 12.5 |
| FI | 23.4% | 45.6% | 31.1% | -5.8 | 1.0 | 4.9 | -7.9 | -4.0 | 11.8 |
| FR | 31.8% | 41.9% | 26.3% | -8.5 | -0.4 | 9.0 | -10.2 | -3.9 | 14.0 |
| HU | 24.3% | 58.5% | 17.2% | -4.7 | 0.6 | 4.1 | -6.9 | -3.0 | 9.9 |
| IE | 29.5% | 37.6% | 32.9% | -7.1 | 0.9 | 6.1 | -7.8 | -2.0 | 9.7 |
| IT | 46.2% | 40.8% | 13.0% | -11.5 | 7.5 | 4.0 | -9.7 | 0.3 | 9.3 |
| LT | 16.5% | 56.4% | 27.1% | 0.2 | -10.7 | 10.5 | -5.4 | -10.0 | 15.4 |
| LU | 29.1% | 40.6% | 30.3% | -4.7 | -2.6 | 7.3 | -6.6 | -4.9 | 11.5 |
| LV | 19.5% | 58.0% | 22.5% | 1.0 | -6.9 | 5.9 | -7.5 | -4.1 | 11.7 |
| MT | 71.5% | 16.9% | 11.6% | -11.7 | 4.9 | 6.8 | -14.4 | 1.7 | 12.7 |
| NL | 31.4% | 40.4% | 28.3% | -6.6 | 1.4 | 5.2 | -9.1 | -1.3 | 10.4 |
| PL | 17.9% | 62.4% | 19.7% | -4.4 | -6.3 | 10.7 | -6.9 | -8.9 | 15.8 |
| PT | 67.3% | 18.9% | 13.8% | -14.6 | 8.0 | 6.6 | -11.3 | -1.1 | 12.4 |
| RO | 30.3% | 57.9% | 11.8% | -3.1 | -1.9 | 5.0 | -11.0 | 0.5 | 10.5 |
| SE | 25.7% | 46.2% | 28.2% | -5.2 | -2.0 | 7.2 | -8.7 | -3.3 | 12.0 |
| SI | 20.8% | 58.9% | 20.2% | -5.7 | -1.0 | 6.7 | -5.0 | -6.8 | 11.8 |
| SK | 16.0% | 68.9% | 15.0% | -3.3 | -1.9 | 5.2 | -5.8 | -4.9 | 10.7 |
| UK | 26.9% | 43.0% | 30.0% | -5.2 | 0.4 | 4.8 | -6.7 | -2.9 | 9.6 |
| Average | | | | -5.5 | -0.4 | 5.9 | -8.3 | -3.1 | 11.4 |
| Weighted Average | | | | -5.9 | 0.5 | 5.4 | -8.2 | -2.8 | 11.0 |

*Note:* Own calculations based on population projections in Huisman et al. (2013) applied to EU-SILC data for 2030.

Table 7: Employment Rates

| | Percent | % point change | | | |
|---|---|---|---|---|---|
| | | Demographic Effect | | Demographic + Wage Effect | |
| *Country* | Base | tough | friendly | tough | friendly |
| AT | 64.12 | -2.62 | -1.93 | -1.62 | 0.11 |
| BE | 62.70 | 0.82 | 1.60 | 1.43 | 3.21 |
| BG | 72.03 | -0.90 | 1.31 | -3.57 | -0.69 |
| CY | 68.18 | 1.03 | 2.22 | 3.34 | 4.66 |
| CZ | 61.76 | 0.74 | 1.89 | 4.12 | 6.15 |
| DE | 62.77 | -2.50 | -1.18 | -0.70 | 1.37 |
| DK | 76.97 | 0.68 | 1.12 | 1.08 | 1.92 |
| EE | 75.11 | -1.49 | 0.59 | -2.25 | 0.10 |
| EL | 59.14 | -1.15 | -0.52 | -0.05 | 1.28 |
| ES | 65.20 | -1.39 | -0.10 | -1.87 | 0.23 |
| FI | 73.25 | 1.15 | 1.93 | 0.96 | 2.41 |
| FR | 66.55 | 0.34 | 0.79 | -0.02 | 0.95 |
| HU | 62.80 | 1.24 | 1.74 | -1.56 | -0.18 |
| IE | 67.01 | -0.98 | 0.48 | -1.28 | 0.14 |
| IT | 63.12 | 0.15 | 0.02 | -1.55 | -1.12 |
| LT | 69.99 | 0.74 | 2.68 | -0.45 | 2.30 |
| LU | 64.25 | -1.20 | -1.22 | 1.31 | 2.22 |
| LV | 73.08 | 0.21 | 1.81 | -1.32 | 1.08 |
| MT | 56.83 | 3.80 | 4.66 | 3.79 | 5.78 |
| NL | 68.37 | 0.29 | 0.95 | 0.06 | 1.43 |
| PL | 57.90 | 2.58 | 3.76 | 3.59 | 5.13 |
| PT | 66.47 | 0.78 | 0.10 | 0.69 | -0.14 |
| RO | 55.57 | -1.72 | 2.06 | -0.02 | 3.66 |
| SE | 78.94 | 1.22 | 2.01 | -1.36 | 0.13 |
| SI | 63.51 | -1.72 | -1.09 | -1.66 | -0.55 |
| SK | 67.62 | 0.79 | 1.75 | 0.17 | 3.46 |
| UK | 66.82 | -0.26 | 0.58 | 0.43 | 1.73 |
| Average | | 0.02 | 1.04 | 0.06 | 1.73 |
| Weighted Average | | -0.34 | 0.59 | -0.15 | 1.38 |

*Note:* Own calculations based on population projections in Huisman et al. (2013) applied to EU-SILC data and labor demand and labor supply elasticities.



 

Table 8: Hours worked

| | Mill. Hours | % change | | | |
|---|---|---|---|---|---|
| | | Demographic Effect | | Demographic + Wage Effect | |
| *Country* | Base | tough | friendly | tough | friendly |
| AT | 148.0 | -11.1% | -3.1% | -9.4% | 0.1% |
| BE | 177.9 | 4.7% | 11.8% | 3.5% | 11.3% |
| BG | 179.0 | -27.4% | -8.6% | -30.7% | -12.1% |
| CY | 17.0 | 2.5% | 16.7% | 2.5% | 16.6% |
| CZ | 221.4 | -8.6% | 1.0% | -8.9% | 1.8% |
| DE | 1442.5 | -20.3% | -10.1% | -19.8% | -9.4% |
| DK | 109.4 | -0.3% | 3.9% | 0.1% | 5.2% |
| EE | 29.8 | -20.9% | 2.3% | -23.1% | -0.6% |
| EL | 218.1 | -9.0% | -2.9% | -10.0% | -3.2% |
| ES | 910.5 | -6.2% | 9.5% | -8.0% | 7.7% |
| FI | 110.2 | -4.4% | -0.3% | -5.9% | -1.0% |
| FR | 1080.2 | -0.2% | 4.5% | -2.6% | 2.6% |
| HU | 188.5 | -8.2% | -5.0% | -14.0% | -9.9% |
| IE | 82.1 | 2.0% | 19.0% | -0.4% | 15.2% |
| IT | 1169.6 | 1.1% | 10.3% | -5.0% | 4.6% |
| LT | 69.6 | -17.6% | -7.5% | -19.6% | -9.1% |
| LU | 9.5 | 17.3% | 24.7% | 17.4% | 26.1% |
| LV | 51.6 | -22.6% | -6.5% | -25.6% | -9.9% |
| MT | 6.7 | -12.5% | 2.1% | -13.7% | 1.6% |
| NL | 270.6 | -4.6% | 0.9% | -4.1% | 2.2% |
| PL | 745.3 | -11.1% | -3.2% | -12.3% | -3.9% |
| PT | 206.5 | -4.4% | 0.5% | -7.1% | -1.7% |
| RO | 376.3 | -22.3% | -0.5% | -22.2% | -1.3% |
| SE | 177.9 | 7.0% | 13.7% | 4.3% | 11.8% |
| SI | 40.3 | -8.8% | 0.0% | -10.4% | -1.2% |
| SK | 119.5 | -7.3% | -0.8% | -8.1% | -0.8% |
| UK | 1033.9 | 3.1% | 8.6% | 3.1% | 9.1% |
| Unweighted average | | -7.0% | 3.0% | -8.5% | 1.9% |
| Weighted average | | -6.8% | 2.2% | -8.4% | 1.0% |

*Note:* Own calculations based on EM input datasets reweighted for 2010 and 2030 and labor demand and labor supply elasticities.



 

Table 9: Change in gross income between 2010 and 2030 (alpha)

| | Total $\alpha$ | | $\alpha_d$ | | $\alpha_w$ | |
|---|---|---|---|---|---|---|
| Country | Tough | Friendly | Tough | Friendly | Tough | Friendly |
| AT | 4% | 8% | -9% | -8% | 14% | 17% |
| BE | 3% | 7% | -3% | -2% | 6% | 10% |
| BG | -10% | -4% | -11% | -4% | 0% | 0% |
| CY | 3% | 14% | -5% | -3% | 9% | 18% |
| CZ | -5% | -1% | -8% | -6% | 4% | 5% |
| DE | 8% | 4% | -11% | -8% | 22% | 13% |
| DK | 4% | 14% | -2% | -3% | 6% | 17% |
| EE | 0% | 3% | -7% | 0% | 7% | 2% |
| EL | 3% | 3% | 1% | 2% | 2% | 1% |
| ES | 5% | 11% | -2% | 1% | 8% | 10% |
| FI | 4% | 12% | -4% | -4% | 8% | 16% |
| FR | 5% | 12% | -4% | -4% | 8% | 16% |
| HU | -10% | -8% | -5% | -3% | -5% | -5% |
| IE | 16% | 10% | 4% | 5% | 12% | 5% |
| IT | 10% | 11% | 4% | 4% | 6% | 6% |
| LT | 0% | 3% | -3% | 1% | 3% | 2% |
| LU | 4% | 9% | -4% | -3% | 8% | 12% |
| LV | -8% | -4% | -7% | -1% | -2% | -3% |
| MT | -11% | -4% | -7% | -3% | -4% | -1% |
| NL | 8% | 11% | -3% | -3% | 11% | 14% |
| PL | -4% | 1% | -3% | 0% | -1% | 2% |
| PT | 9% | 11% | 6% | 5% | 3% | 5% |
| RO | -7% | -8% | -7% | 3% | 1% | -11% |
| SE | 5% | 10% | -1% | -2% | 6% | 13% |
| SI | 1% | 0% | -8% | -7% | 11% | 7% |
| SK | -13% | -9% | -13% | -12% | 0% | 3% |
| UK | 12% | 14% | 0% | 1% | 12% | 14% |
| Average | 1% | 5% | -4% | -2% | 6% | 7% |
| Weighted Average | 5% | 7% | -3% | -2% | 9% | 9% |

*Note:* Own calculations based on EUROMOD input datasets reweighted for 2010 and 2030 and EUROMOD version F6.0. $\alpha$ represents the total change in monthly average household original income between 2010 and 2030. This is decomposed into the part due to demographic change, $\alpha_d$, and the part due to wage changes, $\alpha_w$.

Table 10: Decomposition of the change in the Gini coefficient

| | | | | | | Total effect | | Demographic effect | | Wage effect | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Gini** | **1** | **2** | **3** | **4** | **5** | **Tough** | **Friendly** | **Tough** | **Friendly** | **Tough** | **Friendly** |
| AT | 0.26 | 0.27 | 0.27 | 0.27 | 0.26 | 3.6% | -1.4% | 2.7% | 3.0% | 0.9% | -4.4% |
| BE | 0.26 | 0.26 | 0.26 | 0.26 | 0.26 | -0.9% | -0.7% | -0.5% | -1.2% | -0.3% | 0.5% |
| BG | 0.35 | 0.35 | 0.34 | 0.35 | 0.35 | 2.0% | 0.9% | 0.5% | -1.2% | 1.6% | 2.1% |
| CY | 0.37 | 0.36 | 0.36 | 0.35 | 0.36 | -3.5% | -1.0% | -1.0% | -1.8% | -2.5% | 0.8% |
| CZ | 0.25 | 0.26 | 0.26 | 0.26 | 0.27 | 3.4% | 8.2% | 3.8% | 3.7% | -0.4% | 4.5% |
| DE | 0.29 | 0.30 | 0.29 | 0.29 | 0.29 | 2.7% | 0.7% | 3.3% | 2.6% | -0.7% | -1.9% |
| DK | 0.23 | 0.24 | 0.24 | 0.25 | 0.27 | 6.3% | 15.5% | 2.1% | 3.0% | 4.2% | 12.5% |
| EE | 0.32 | 0.32 | 0.32 | 0.32 | 0.32 | 1.8% | -0.3% | 1.6% | 0.7% | 0.1% | -1.0% |
| EL | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 1.1% | 0.3% | 0.1% | 0.8% | 0.9% | -0.5% |
| ES | 0.33 | 0.34 | 0.34 | 0.32 | 0.32 | -2.8% | -3.8% | 1.6% | 0.8% | -4.3% | -4.6% |
| FI | 0.28 | 0.29 | 0.29 | 0.30 | 0.31 | 8.0% | 12.4% | 4.6% | 4.9% | 3.4% | 7.5% |
| FR | 0.25 | 0.26 | 0.26 | 0.25 | 0.26 | 0.5% | 2.1% | 3.4% | 3.3% | -3.0% | -1.2% |
| HU | 0.27 | 0.26 | 0.26 | 0.26 | 0.25 | -2.9% | -5.5% | -1.1% | -1.2% | -1.8% | -4.3% |
| IE | 0.29 | 0.29 | 0.29 | 0.28 | 0.27 | -4.2% | -5.1% | -0.2% | -1.3% | -4.0% | -3.8% |
| IT | 0.34 | 0.35 | 0.35 | 0.35 | 0.34 | 2.1% | 1.6% | 4.1% | 4.2% | -2.0% | -2.6% |
| LT | 0.35 | 0.35 | 0.35 | 0.35 | 0.35 | 0.2% | -1.3% | 1.2% | -0.4% | -1.0% | -0.9% |
| LU | 0.26 | 0.27 | 0.26 | 0.25 | 0.24 | -2.7% | -4.3% | 4.2% | 3.5% | -6.9% | -7.9% |
| LV | 0.37 | 0.38 | 0.37 | 0.37 | 0.36 | 1.4% | -0.9% | 3.0% | 1.4% | -1.7% | -2.3% |
| MT | 0.29 | 0.29 | 0.29 | 0.29 | 0.29 | 0.2% | 0.4% | 1.5% | 0.5% | -1.4% | -0.1% |
| NL | 0.26 | 0.27 | 0.26 | 0.26 | 0.26 | -0.6% | 0.9% | 1.2% | 0.9% | -1.8% | 0.0% |
| PL | 0.33 | 0.34 | 0.34 | 0.33 | 0.33 | -2.5% | -1.1% | 0.6% | 0.2% | -3.1% | -1.4% |
| PT | 0.38 | 0.41 | 0.41 | 0.38 | 0.38 | 0.9% | 1.3% | 8.2% | 8.2% | -7.3% | -6.9% |
| RO | 0.34 | 0.33 | 0.32 | 0.32 | 0.30 | -7.4% | -12.8% | -2.3% | -5.6% | -5.1% | -7.2% |
| SE | 0.25 | 0.25 | 0.25 | 0.26 | 0.28 | 2.1% | 10.4% | 0.2% | 0.2% | 1.9% | 10.2% |
| SI | 0.29 | 0.29 | 0.29 | 0.29 | 0.28 | 1.9% | -3.1% | 2.2% | 2.4% | -0.3% | -5.5% |
| SK | 0.23 | 0.24 | 0.25 | 0.25 | 0.27 | 8.0% | 15.0% | 5.0% | 6.0% | 3.0% | 9.1% |
| UK | 0.33 | 0.34 | 0.33 | 0.32 | 0.32 | -3.0% | -3.4% | 0.5% | 0.1% | -3.5% | -3.5% |
| Average | 0.30 | 0.31 | 0.30 | 0.30 | 0.30 | 0.6% | 0.9% | 1.9% | 1.4% | -1.3% | -0.5% |
| Weighted average | 0.31 | 0.31 | 0.31 | 0.30 | 0.30 | 0.0% | -0.1% | 2.1% | 1.7% | -2.1% | -1.8% |

*Note:* Own calculations based on EM input datasets reweighted for 2010 and 2030 and EUROMOD version F6.0. Column 1 shows the baseline scenario (2010). Column 2 shows the 2030 tough scenario without wage adjustment. Column 3 shows the 2030 friendly scenario without wage adjustment. Column 4 shows the 2030 tough scenario with wage adjustment. Column 5 shows the 2030 friendly scenario with wage adjustment.

Table 11: Decomposition of the change in the P90/50 ratio

| | | | | | | Total effect | | Demographic effect | | Wage effect | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **P90/50** | **1** | **2** | **3** | **4** | **5** | **Tough** | **Friendly** | **Tough** | **Friendly** | **Tough** | **Friendly** |
| AT | 1.74 | 1.75 | 1.77 | 1.79 | 1.70 | 2.7% | -2.1% | 0.8% | 1.6% | 1.9% | -3.7% |
| BE | 1.69 | 1.67 | 1.67 | 1.65 | 1.68 | -2.3% | -0.1% | -1.2% | -1.2% | -1.1% | 1.1% |
| BG | 2.20 | 2.22 | 2.24 | 2.28 | 2.33 | 3.9% | 5.8% | 0.9% | 1.7% | 3.0% | 4.1% |
| CY | 1.98 | 2.12 | 2.12 | 2.05 | 2.24 | 3.7% | 12.9% | 7.2% | 6.9% | -3.4% | 6.0% |
| CZ | 1.76 | 1.87 | 1.87 | 1.87 | 1.95 | 6.1% | 10.3% | 5.8% | 6.1% | 0.3% | 4.2% |
| DE | 1.85 | 1.89 | 1.89 | 1.91 | 1.86 | 3.0% | 0.5% | 2.2% | 2.4% | 0.8% | -1.9% |
| DK | 1.61 | 1.62 | 1.64 | 1.71 | 1.86 | 6.1% | 15.2% | 0.8% | 1.6% | 5.4% | 13.6% |
| EE | 2.05 | 2.09 | 2.11 | 2.07 | 2.05 | 1.1% | -0.1% | 1.7% | 2.7% | -0.6% | -2.8% |
| EL | 2.13 | 2.15 | 2.17 | 2.16 | 2.18 | 1.2% | 2.3% | 0.9% | 1.7% | 0.4% | 0.6% |
| ES | 2.02 | 2.10 | 2.09 | 1.99 | 1.97 | -1.1% | -2.4% | 4.3% | 3.6% | -5.4% | -5.9% |
| FI | 1.78 | 1.81 | 1.83 | 1.87 | 1.97 | 5.3% | 10.7% | 2.0% | 3.0% | 3.3% | 7.7% |
| FR | 1.83 | 1.86 | 1.87 | 1.81 | 1.85 | -1.2% | 1.2% | 1.4% | 2.0% | -2.5% | -0.7% |
| HU | 1.80 | 1.77 | 1.78 | 1.72 | 1.69 | -4.4% | -6.4% | -1.9% | -1.1% | -2.5% | -5.3% |
| IE | 1.86 | 1.80 | 1.79 | 1.78 | 1.78 | -4.5% | -4.3% | -3.2% | -3.7% | -1.2% | -0.6% |
| IT | 1.98 | 2.03 | 2.04 | 1.99 | 2.00 | 0.8% | 0.8% | 2.7% | 3.1% | -1.9% | -2.3% |
| LT | 2.32 | 2.31 | 2.27 | 2.29 | 2.28 | -1.2% | -1.4% | -0.2% | -2.0% | -0.9% | 0.5% |
| LU | 1.76 | 1.82 | 1.81 | 1.71 | 1.72 | -2.6% | -2.1% | 3.4% | 3.2% | -6.0% | -5.2% |
| LV | 2.34 | 2.44 | 2.41 | 2.45 | 2.43 | 4.8% | 3.8% | 4.1% | 2.8% | 0.7% | 0.9% |
| MT | 2.00 | 2.09 | 2.09 | 2.01 | 2.04 | 0.5% | 1.7% | 4.1% | 4.5% | -3.6% | -2.9% |
| NL | 1.79 | 1.81 | 1.81 | 1.78 | 1.80 | -0.3% | 0.7% | 1.3% | 1.1% | -1.6% | -0.4% |
| PL | 2.06 | 2.05 | 2.07 | 1.99 | 2.06 | -3.5% | -0.1% | -0.2% | 0.5% | -3.3% | -0.6% |
| PT | 2.44 | 2.77 | 2.77 | 2.25 | 2.32 | -7.7% | -5.0% | 13.7% | 13.6% | -21.5% | -18.6% |
| RO | 2.03 | 1.94 | 1.91 | 1.86 | 1.78 | -8.1% | -12.1% | -4.2% | -5.7% | -3.9% | -6.4% |
| SE | 1.70 | 1.72 | 1.73 | 1.73 | 1.89 | 1.8% | 11.3% | 1.2% | 1.9% | 0.5% | 9.4% |
| SI | 1.83 | 1.87 | 1.87 | 1.87 | 1.76 | 2.5% | -4.0% | 2.3% | 2.2% | 0.2% | -6.2% |
| SK | 1.68 | 1.78 | 1.79 | 1.81 | 1.92 | 7.6% | 14.3% | 5.9% | 6.5% | 1.7% | 7.8% |
| UK | 2.14 | 2.15 | 2.15 | 2.07 | 2.07 | -3.3% | -3.1% | 0.3% | 0.7% | -3.6% | -3.7% |
| Average | 1.94 | 1.98 | 1.98 | 1.94 | 1.97 | 0.4% | 1.8% | 2.1% | 2.2% | -1.7% | -0.4% |
| Weighted average | 1.95 | 1.98 | 1.99 | 1.94 | 1.95 | -0.5% | -0.1% | 1.7% | 1.9% | -2.2% | -1.9% |

*Note:* Own calculations based on EM input datasets reweighted for 2010 and 2030 and EUROMOD version F6.0. Column 1 shows the baseline scenario (2010). Column 2 shows the 2030 tough scenario without wage adjustment. Column 3 shows the 2030 friendly scenario without wage adjustment. Column 4 shows the 2030 tough scenario with wage adjustment. Column 5 shows the 2030 friendly scenario with wage adjustment.



 

Table 12: Decomposition of the change in the P10/50 ratio

| | | | | | | Total effect | | Demographic effect | | Wage effect | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **P10/50** | **1** | **2** | **3** | **4** | **5** | **Tough** | **Friendly** | **Tough** | **Friendly** | **Tough** | **Friendly** |
| AT | 0.54 | 0.53 | 0.54 | 0.54 | 0.54 | 0.2% | 0.0% | -0.6% | 0.2% | 0.9% | -0.3% |
| BE | 0.57 | 0.55 | 0.56 | 0.55 | 0.56 | -3.4% | -1.4% | -3.6% | -2.3% | 0.2% | 0.9% |
| BG | 0.48 | 0.49 | 0.50 | 0.48 | 0.49 | 1.0% | 3.8% | 3.8% | 5.5% | -2.8% | -1.6% |
| CY | 0.45 | 0.47 | 0.46 | 0.45 | 0.46 | 0.6% | 2.5% | 4.1% | 3.1% | -3.5% | -0.6% |
| CZ | 0.63 | 0.65 | 0.66 | 0.64 | 0.65 | 1.6% | 3.0% | 3.2% | 3.8% | -1.6% | -0.8% |
| DE | 0.50 | 0.49 | 0.50 | 0.49 | 0.50 | -2.0% | -0.2% | -2.5% | -0.8% | 0.5% | 0.5% |
| DK | 0.58 | 0.57 | 0.57 | 0.58 | 0.59 | -1.1% | 0.4% | -2.3% | -2.3% | 1.2% | 2.7% |
| EE | 0.50 | 0.51 | 0.51 | 0.49 | 0.50 | -0.6% | 0.8% | 2.1% | 2.3% | -2.7% | -1.6% |
| EL | 0.42 | 0.42 | 0.42 | 0.42 | 0.42 | -1.0% | -0.3% | -1.3% | -0.8% | 0.2% | 0.5% |
| ES | 0.39 | 0.41 | 0.41 | 0.42 | 0.42 | 8.6% | 7.5% | 6.1% | 6.1% | 2.5% | 1.4% |
| FI | 0.56 | 0.57 | 0.57 | 0.56 | 0.58 | -0.8% | 2.9% | 0.8% | 1.2% | -1.5% | 1.7% |
| FR | 0.63 | 0.62 | 0.62 | 0.62 | 0.62 | -1.7% | -1.1% | -2.5% | -2.4% | 0.8% | 1.3% |
| HU | 0.56 | 0.55 | 0.55 | 0.54 | 0.54 | -2.7% | -3.1% | -1.3% | -0.4% | -1.4% | -2.7% |
| IE | 0.54 | 0.52 | 0.51 | 0.55 | 0.54 | 1.9% | 0.0% | -4.0% | -4.3% | 5.8% | 4.3% |
| IT | 0.48 | 0.46 | 0.46 | 0.46 | 0.46 | -4.9% | -4.9% | -3.9% | -3.7% | -1.0% | -1.2% |
| LT | 0.51 | 0.50 | 0.52 | 0.51 | 0.50 | -0.6% | -1.0% | -2.0% | 2.3% | 1.4% | -3.4% |
| LU | 0.58 | 0.56 | 0.57 | 0.58 | 0.59 | 1.2% | 2.6% | -2.1% | -1.2% | 3.3% | 3.9% |
| LV | 0.45 | 0.47 | 0.48 | 0.44 | 0.47 | -1.6% | 4.6% | 3.6% | 5.7% | -5.2% | -1.1% |
| MT | 0.51 | 0.54 | 0.55 | 0.53 | 0.54 | 3.3% | 4.9% | 4.8% | 6.3% | -1.4% | -1.5% |
| NL | 0.60 | 0.58 | 0.58 | 0.57 | 0.57 | -3.6% | -4.8% | -2.6% | -2.9% | -1.0% | -1.8% |
| PL | 0.49 | 0.51 | 0.51 | 0.50 | 0.51 | 2.6% | 3.5% | 3.3% | 4.2% | -0.7% | -0.7% |
| PT | 0.45 | 0.44 | 0.45 | 0.41 | 0.43 | -9.0% | -5.4% | -1.3% | -1.1% | -7.7% | -4.3% |
| RO | 0.39 | 0.37 | 0.39 | 0.37 | 0.39 | -6.8% | -0.7% | -5.4% | 0.0% | -1.3% | -0.7% |
| SE | 0.55 | 0.56 | 0.56 | 0.56 | 0.58 | 0.9% | 4.6% | 1.4% | 1.8% | -0.5% | 2.8% |
| SI | 0.47 | 0.47 | 0.47 | 0.48 | 0.47 | 1.4% | -1.4% | -1.3% | -1.5% | 2.7% | 0.1% |
| SK | 0.61 | 0.64 | 0.64 | 0.63 | 0.64 | 3.7% | 4.7% | 4.8% | 5.1% | -1.1% | -0.3% |
| UK | 0.48 | 0.48 | 0.47 | 0.47 | 0.48 | -1.9% | -1.2% | -1.6% | -1.6% | -0.3% | 0.4% |
| Average | 0.52 | 0.52 | 0.52 | 0.51 | 0.52 | -0.5% | 0.8% | 0.0% | 0.8% | -0.5% | -0.1% |
| Weighted average | 0.51 | 0.50 | 0.50 | 0.50 | 0.51 | -1.0% | 0.0% | -0.9% | -0.1% | -0.1% | 0.1% |

*Note:* Own calculations based on EM input datasets reweighted for 2010 and 2030 and EUROMOD version F6.0. Column 1 shows the baseline scenario (2010). Column 2 shows the 2030 tough scenario without wage adjustment. Column 3 shows the 2030 friendly scenario without wage adjustment. Column 4 shows the 2030 tough scenario with wage adjustment. Column 5 shows the 2030 friendly scenario with wage adjustment.



 

Table 13: Decomposition of the change in Poverty Headcount (FGT0 index)

| | | | | | | Total effect | | Demographic effect | | Wage effect | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Poverty Headcount** | **1** | **2** | **3** | **4** | **5** | **Tough** | **Friendly** | **Tough** | **Friendly** | **Tough** | **Friendly** |
| AT | 0.14 | 0.15 | 0.15 | 0.15 | 0.14 | 4.9% | -0.1% | 3.2% | 2.1% | 1.8% | -2.2% |
| BE | 0.13 | 0.15 | 0.15 | 0.15 | 0.14 | 14.8% | 6.8% | 15.8% | 15.0% | -1.0% | -8.3% |
| BG | 0.19 | 0.19 | 0.18 | 0.20 | 0.19 | 2.2% | -1.3% | -4.2% | -6.4% | 6.5% | 5.1% |
| CY | 0.21 | 0.23 | 0.23 | 0.22 | 0.22 | 4.2% | 3.5% | 6.6% | 8.5% | -2.4% | -5.0% |
| CZ | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | -11.1% | -17.2% | -14.8% | -18.8% | 3.8% | 1.6% |
| DE | 0.17 | 0.18 | 0.18 | 0.18 | 0.18 | 4.2% | 4.1% | 6.2% | 4.0% | -2.0% | 0.1% |
| DK | 0.11 | 0.12 | 0.12 | 0.12 | 0.12 | 3.8% | 4.2% | 8.7% | 8.8% | -5.0% | -4.6% |
| EE | 0.17 | 0.16 | 0.15 | 0.18 | 0.17 | 5.4% | 1.9% | -5.9% | -7.4% | 11.3% | 9.3% |
| EL | 0.24 | 0.23 | 0.23 | 0.23 | 0.23 | -2.3% | -1.7% | -2.0% | -1.6% | -0.3% | 0.0% |
| ES | 0.21 | 0.23 | 0.23 | 0.23 | 0.22 | 5.8% | 5.3% | 8.4% | 7.1% | -2.6% | -1.7% |
| FI | 0.14 | 0.14 | 0.13 | 0.14 | 0.12 | 5.1% | -11.7% | -0.5% | -1.3% | 5.6% | -10.4% |
| FR | 0.09 | 0.09 | 0.09 | 0.09 | 0.08 | 0.3% | -6.3% | -0.5% | -2.6% | 0.8% | -3.7% |
| HU | 0.13 | 0.13 | 0.13 | 0.14 | 0.13 | 3.2% | 0.5% | -0.7% | -4.6% | 3.9% | 5.1% |
| IE | 0.16 | 0.20 | 0.22 | 0.21 | 0.20 | 27.2% | 21.7% | 26.8% | 36.5% | 0.4% | -14.7% |
| IT | 0.20 | 0.20 | 0.20 | 0.20 | 0.19 | 0.4% | -0.3% | 1.6% | 2.0% | -1.2% | -2.2% |
| LT | 0.17 | 0.16 | 0.15 | 0.18 | 0.17 | 2.9% | 2.2% | -4.9% | -9.6% | 7.8% | 11.8% |
| LU | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | -6.4% | -5.4% | -0.9% | -2.3% | -5.4% | -3.1% |
| LV | 0.20 | 0.21 | 0.21 | 0.24 | 0.22 | 15.3% | 7.0% | 4.7% | 3.3% | 10.6% | 3.7% |
| MT | 0.15 | 0.14 | 0.13 | 0.15 | 0.14 | -4.1% | -10.7% | -6.3% | -16.8% | 2.2% | 6.1% |
| NL | 0.11 | 0.12 | 0.12 | 0.12 | 0.13 | 13.4% | 17.7% | 11.3% | 12.0% | 2.1% | 5.7% |
| PL | 0.18 | 0.17 | 0.16 | 0.16 | 0.16 | -6.6% | -6.7% | -5.0% | -7.1% | -1.7% | 0.4% |
| PT | 0.22 | 0.24 | 0.24 | 0.27 | 0.25 | 21.9% | 14.2% | 8.0% | 8.0% | 13.9% | 6.3% |
| RO | 0.24 | 0.24 | 0.22 | 0.23 | 0.22 | -1.0% | -7.6% | 2.0% | -4.4% | -3.0% | -3.2% |
| SE | 0.13 | 0.12 | 0.12 | 0.13 | 0.11 | -0.2% | -14.1% | -6.7% | -8.5% | 6.4% | -5.6% |
| SI | 0.20 | 0.19 | 0.19 | 0.19 | 0.19 | -4.3% | -4.4% | -3.5% | -3.8% | -0.8% | -0.6% |
| SK | 0.09 | 0.07 | 0.07 | 0.08 | 0.08 | -14.9% | -19.0% | -21.0% | -22.3% | 6.1% | 3.4% |
| UK | 0.19 | 0.20 | 0.20 | 0.19 | 0.19 | -0.6% | -1.8% | 2.9% | 2.0% | -3.5% | -3.8% |
| Average | 0.16 | 0.16 | 0.16 | 0.17 | 0.16 | 3.1% | -0.7% | 1.1% | -0.3% | 2.0% | -0.4% |
| Weighted average | 0.17 | 0.17 | 0.17 | 0.17 | 0.17 | 2.1% | -0.4% | 2.4% | 0.9% | -0.4% | -1.4% |

*Note:* Own calculations based on EM input datasets reweighted for 2010 and 2030 and EUROMOD version F6.0. Column 1 shows the baseline scenario (2010). Column 2 shows the 2030 tough scenario without wage adjustment. Column 3 shows the 2030 friendly scenario without wage adjustment. Column 4 shows the 2030 tough scenario with wage adjustment. Column 5 shows the 2030 friendly scenario with wage adjustment.

Table 14: Decomposition of the change in the Poverty Gap (FGT1 index)

| | | | | | | Total effect | | Demographic effect | | Wage effect | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Poverty Gap** | **1** | **2** | **3** | **4** | **5** | **Tough** | **Friendly** | **Tough** | **Friendly** | **Tough** | **Friendly** |
| AT | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 4.7% | 3.7% | 12.1% | 9.5% | -7.3% | -5.9% |
| BE | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 7.1% | 2.7% | 3.7% | 1.3% | 3.5% | 1.4% |
| BG | 0.05 | 0.05 | 0.05 | 0.06 | 0.05 | 7.7% | -2.6% | -1.9% | -9.6% | 9.6% | 7.0% |
| CY | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | -4.0% | -8.9% | -4.5% | -4.1% | 0.5% | -4.8% |
| CZ | 0.02 | 0.02 | 0.01 | 0.02 | 0.01 | -9.8% | -18.8% | -13.5% | -19.0% | 3.7% | 0.2% |
| DE | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 5.5% | 7.5% | 19.5% | 14.3% | -14.0% | -6.8% |
| DK | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 | 4.3% | 3.0% | 3.0% | 4.3% | 1.3% | -1.3% |
| EE | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 1.1% | -4.3% | -6.0% | -9.4% | 7.0% | 5.1% |
| EL | 0.14 | 0.13 | 0.13 | 0.13 | 0.13 | -6.3% | -8.4% | -6.3% | -7.7% | 0.0% | -0.7% |
| ES | 0.10 | 0.10 | 0.09 | 0.09 | 0.09 | -7.0% | -8.2% | -4.1% | -6.1% | -2.9% | -2.0% |
| FI | 0.03 | 0.03 | 0.03 | 0.03 | 0.03 | 6.9% | -6.3% | -2.1% | -4.6% | 9.0% | -1.7% |
| FR | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 2.8% | -9.8% | 9.5% | 7.2% | -6.7% | -16.9% |
| HU | 0.03 | 0.03 | 0.03 | 0.04 | 0.03 | 18.2% | 15.7% | 9.9% | 4.5% | 8.3% | 11.2% |
| IE | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | -8.1% | -4.9% | 10.8% | 11.9% | -18.9% | -16.8% |
| IT | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | 4.7% | 4.7% | 1.6% | 2.2% | 3.1% | 2.6% |
| LT | 0.06 | 0.06 | 0.05 | 0.06 | 0.05 | 0.9% | -7.1% | -1.2% | -11.0% | 2.1% | 3.9% |
| LU | 0.02 | 0.02 | 0.02 | 0.02 | 0.01 | -2.4% | -16.5% | 16.2% | 13.8% | -18.6% | -30.3% |
| LV | 0.06 | 0.06 | 0.05 | 0.06 | 0.06 | 11.6% | 0.5% | 1.0% | -4.5% | 10.6% | 5.0% |
| MT | 0.04 | 0.04 | 0.03 | 0.04 | 0.03 | 12.7% | -8.8% | -0.8% | -12.7% | 13.5% | 3.8% |
| NL | 0.05 | 0.05 | 0.05 | 0.04 | 0.04 | -7.6% | -9.5% | -1.9% | -2.4% | -5.8% | -7.2% |
| PL | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | -8.7% | -12.4% | -8.3% | -11.9% | -0.4% | -0.4% |
| PT | 0.05 | 0.06 | 0.06 | 0.07 | 0.06 | 33.1% | 19.2% | 8.2% | 6.0% | 24.9% | 13.2% |
| RO | 0.08 | 0.09 | 0.08 | 0.09 | 0.08 | 7.0% | -4.8% | 5.9% | -6.1% | 1.1% | 1.3% |
| SE | 0.04 | 0.03 | 0.03 | 0.03 | 0.03 | -3.5% | -15.9% | -6.1% | -8.5% | 2.6% | -7.4% |
| SI | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | -1.0% | 3.1% | 0.5% | 0.2% | -1.5% | 3.0% |
| SK | 0.02 | 0.01 | 0.01 | 0.02 | 0.01 | 7.0% | -3.6% | -0.8% | -4.8% | 7.8% | 1.2% |
| UK | 0.06 | 0.06 | 0.06 | 0.06 | 0.06 | -2.6% | -5.5% | 1.6% | -0.3% | -4.1% | -5.2% |
| Average | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 2.8% | -3.6% | 1.7% | -1.8% | 1.1% | -1.8% |
| Weighted average | 0.05 | 0.05 | 0.05 | 0.05 | 0.05 | 1.4% | -2.6% | 4.1% | 1.1% | -2.7% | -3.7% |

*Note:* Own calculations based on EM input datasets reweighted for 2010 and 2030 and EUROMOD version F6.0. Column 1 shows the baseline scenario (2010). Column 2 shows the 2030 tough scenario without wage adjustment. Column 3 shows the 2030 friendly scenario without wage adjustment. Column 4 shows the 2030 tough scenario with wage adjustment. Column 5 shows the 2030 friendly scenario with wage adjustment.



 

Table 15: Time Trends in Employment Rates: OLS Regression Results

| Dep. Variable: Employment Rate (%) | **Men** | | | | **Women** | | | |
|---|---|---|---|---|---|---|---|---|
| *Age group* | 50-55y | 56-60y | 61-65y | 66-70y | 50-55y | 56-60y | 61-65y | 66-70y |
| Year | 0.583*** | 0.913*** | 0.205* | 0.0462 | 0.910*** | 0.757*** | 0.154 | 0.0660 |
| | (0.102) | (0.157) | (0.123) | (0.112) | (0.140) | (0.155) | (0.102) | (0.0973) |
| *Country Group FE* | | | | | | | | |
| Nordic | 18.20*** | 21.03*** | 5.992** | 2.597 | 29.51*** | 16.91*** | 2.971 | 0.125 |
| | (2.099) | (3.051) | (2.374) | (2.235) | (2.891) | (3.034) | (2.182) | (4.096) |
| UK/IRL | 14.45*** | 30.26*** | 16.35*** | 8.787*** | 9.199*** | 9.087** | 5.225 | |
| | (2.423) | (3.495) | (3.161) | (3.212) | (3.338) | (4.179) | (3.234) | |
| Southern | 17.89*** | 27.78*** | 13.38*** | 7.230*** | -1.624 | 11.47*** | 5.424*** | 3.588** |
| | (1.714) | (2.590) | (2.036) | (1.775) | (2.399) | (2.584) | (1.640) | (1.616) |
| Eastern | -1.898 | 8.021*** | 11.93*** | 18.86*** | -3.701* | 5.707** | 10.98*** | 10.08*** |
| | (1.568) | (2.373) | (1.981) | (2.038) | (2.171) | (2.387) | (1.628) | (1.621) |
| *Skill FE* | | | | | | | | |
| Medium-Skilled | 12.11*** | 4.076 | 1.563 | 0.535 | 9.747*** | 3.841 | 1.716 | 1.348 |
| | (1.714) | (2.566) | (2.303) | (2.108) | (2.361) | (2.673) | (1.932) | (1.938) |
| High-Skilled | 30.10*** | 21.66*** | 7.813*** | 3.080 | 30.03*** | 14.98*** | 5.232*** | 3.275 |
| | (1.714) | (2.552) | (2.284) | (2.038) | (2.370) | (2.759) | (2.010) | (2.480) |
| *Year ×* | | | | | | | | |
| Nordic | -0.446** | -0.151 | 0.118 | 0.0355 | -0.816*** | 0.0301 | -0.0485 | 0.0388 |
| | (0.177) | (0.257) | (0.195) | (0.175) | (0.243) | (0.256) | (0.172) | (0.245) |
| UK/IRL | -0.636*** | -0.685** | -0.188 | 0.0410 | -0.573** | -0.0387 | -0.00307 | |
| | (0.204) | (0.294) | (0.243) | (0.255) | (0.281) | (0.324) | (0.231) | |
| Southern | -0.717*** | -1.229*** | -0.504*** | -0.223 | -0.514** | -0.682*** | -0.207 | -0.151 |
| | (0.144) | (0.216) | (0.165) | (0.142) | (0.200) | (0.215) | (0.137) | (0.131) |
| Eastern | -0.394*** | -0.649*** | -0.398** | -0.512*** | -0.148 | -0.534*** | -0.397*** | -0.293** |
| | (0.133) | (0.198) | (0.163) | (0.186) | (0.182) | (0.199) | (0.137) | (0.129) |
| *Year ×* | | | | | | | | |
| Medium-Skilled | 0.0518 | -0.0527 | -0.0287 | 0.0202 | 0.340* | 0.110 | -0.0363 | -0.0332 |
| | (0.144) | (0.214) | (0.181) | (0.162) | (0.199) | (0.220) | (0.151) | (0.145) |
| | (0.144) | (0.214) | (0.181) | (0.156) | (0.199) | (0.223) | (0.156) | (0.170) |
| Country Group × Skill | × | × | × | × | × | × | × | × |
| Country Group × Skill × Year | × | × | × | × | × | × | × | × |
| *N* | 1,507 | 1,440 | 1,156 | 755 | 1,492 | 1,318 | 945 | 507 |
| R-squared | 0.715 | 0.597 | 0.405 | 0.379 | 0.734 | 0.570 | 0.410 | 0.374 |

Notes: Employment Rates from Eurostat covering the years 2000 to 2016, if available. Reference Groups: Continental European Countries and low-skilled workers. Interaction effects with UK/IRL country group cannot be estimated for women between 66 and 70 years because of collinearity. Standard errors in parentheses, *** p<0.01, ** p<0.05, * p<0.1.