***Supplementary Table 1:* Life expectancy gains in women under different scenarios, 2005-2019**

| **Country** | **Status Quo** | **EMS avoidable mortality in NMSa** | **EMS preventable mortality in NMSa** | **EMS treatable mortality in NMSa** | **All avoidable deaths removed** | **Only preventable deaths removed** | **Only treatable deaths removed** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Austria | 83.51 | 0.00 | 0.00 | 0.00 | 3.09 | 1.70 | 1.32 |
| Belgium | 83.15 | 0.00 | 0.00 | 0.00 | 3.30 | 1.79 | 1.43 |
| Bulgaria | 77.67 | 2.09 | 0.70 | 1.34 | 4.63 | 1.92 | 2.52 |
| Croatia | 80.24 | 1.19 | 0.56 | 0.64 | 3.91 | 1.88 | 1.89 |
| Cyprus | 83.70 | 0.10 | 0.08 | 0.08 | 2.39 | 1.06 | 1.29 |
| Czech Republic | 81.08 | 0.97 | 0.48 | 0.48 | 3.72 | 1.86 | 1.73 |
| Denmark | 81.99 | 0.00 | 0.00 | 0.00 | 3.59 | 2.07 | 1.41 |
| Estonia | 80.55 | 1.92 | 1.24 | 0.68 | 4.81 | 2.65 | 1.97 |
| Finland | 83.74 | 0.00 | 0.00 | 0.00 | 3.18 | 1.84 | 1.26 |
| France | 85.19 | 0.00 | 0.00 | 0.00 | 2.84 | 1.43 | 1.35 |
| Germany | 82.99 | 0.00 | 0.00 | 0.00 | 3.15 | 1.61 | 1.46 |
| Hungary | 78.71 | 2.75 | 1.62 | 1.06 | 5.48 | 2.93 | 2.27 |
| Ireland | 83.11 | 0.00 | 0.00 | 0.00 | 3.22 | 1.67 | 1.47 |
| Italy | 84.79 | 0.00 | 0.00 | 0.00 | 2.62 | 1.19 | 1.38 |
| Latvia | 78.44 | 2.97 | 1.59 | 1.31 | 5.70 | 2.89 | 2.52 |
| Lithuania | 79.14 | 2.72 | 1.54 | 1.13 | 5.50 | 2.88 | 2.37 |
| Luxembourg | 84.21 | 0.00 | 0.00 | 0.00 | 2.93 | 1.59 | 1.28 |
| Malta | 83.15 | 0.41 | 0.10 | 0.49 | 3.05 | 1.16 | 1.81 |
| Netherlands | 83.01 | 0.00 | 0.00 | 0.00 | 3.20 | 1.69 | 1.43 |
| Poland | 80.88 | 1.21 | 0.57 | 0.63 | 4.03 | 1.95 | 1.94 |
| Portugal | 83.63 | 0.00 | 0.00 | 0.00 | 2.82 | 1.26 | 1.50 |
| Romania | 77.94 | 3.12 | 1.40 | 1.63 | 5.80 | 2.67 | 2.84 |
| Slovakia | 79.69 | 1.74 | 0.72 | 1.00 | 4.47 | 2.03 | 2.26 |
| Slovenia | 83.18 | 0.40 | 0.33 | 0.13 | 3.27 | 1.78 | 1.40 |
| Spain | 85.33 | 0.00 | 0.00 | 0.00 | 2.43 | 1.10 | 1.29 |
| Sweden | 83.68 | 0.00 | 0.00 | 0.00 | 2.89 | 1.60 | 1.22 |
| United Kingdom | 82.54 | 0.00 | 0.00 | 0.00 | 3.66 | 1.88 | 1.67 |
| New member states | 80.31 | 1.67 | 0.84 | 0.82 | 4.37 | 2.13 | 2.07 |
| Established member states | 83.62 | 0.00 | 0.00 | 0.00 | 3.07 | 1.61 | 1.39 |
| aNMS = New member states, EMS = Established member states; | | | | | | | |