***Supplementary Table 1:* Lifespan disparity reductions in men 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 | 16.01 | 0.00 | 0.00 | 0.00 | -3.94 | -2.66 | -0.90 |
| Belgium | 16.11 | 0.00 | 0.00 | 0.00 | -3.69 | -2.57 | -0.80 |
| Bulgaria | 17.28 | -1.83 | -0.80 | -0.79 | -4.31 | -2.05 | -1.29 |
| Croatia | 16.16 | -1.62 | -1.04 | -0.42 | -4.78 | -2.85 | -1.05 |
| Cyprus | 15.23 | -0.22 | -0.18 | -0.12 | -3.53 | -2.17 | -1.05 |
| Czech Republic | 16.20 | -1.21 | -0.70 | -0.40 | -4.38 | -2.54 | -1.09 |
| Denmark | 15.51 | 0.00 | 0.00 | 0.00 | -3.47 | -2.31 | -0.83 |
| Estonia | 18.49 | -2.95 | -2.11 | -0.43 | -6.01 | -3.73 | -0.88 |
| Finland | 16.51 | 0.00 | 0.00 | 0.00 | -4.67 | -3.25 | -0.91 |
| France | 17.19 | 0.00 | 0.00 | 0.00 | -3.68 | -2.62 | -0.78 |
| Germany | 16.43 | 0.00 | 0.00 | 0.00 | -3.60 | -2.27 | -0.95 |
| Hungary | 17.80 | -2.37 | -1.42 | -0.51 | -5.36 | -2.97 | -0.99 |
| Ireland | 15.38 | 0.00 | 0.00 | 0.00 | -3.64 | -2.37 | -0.95 |
| Italy | 15.40 | 0.00 | 0.00 | 0.00 | -3.28 | -2.12 | -0.89 |
| Latvia | 18.75 | -3.32 | -2.08 | -0.54 | -6.12 | -3.39 | -0.91 |
| Lithuania | 19.33 | -3.57 | -2.34 | -0.51 | -6.41 | -3.68 | -0.88 |
| Luxembourg | 15.30 | 0.00 | 0.00 | 0.00 | -3.42 | -2.31 | -0.82 |
| Malta | 15.36 | -0.31 | -0.12 | -0.27 | -3.64 | -2.08 | -1.19 |
| Netherlands | 15.12 | 0.00 | 0.00 | 0.00 | -2.90 | -1.85 | -0.83 |
| Poland | 18.30 | -1.66 | -1.05 | -0.46 | -4.39 | -2.59 | -1.01 |
| Portugal | 16.05 | 0.00 | 0.00 | 0.00 | -3.80 | -2.42 | -0.99 |
| Romania | 18.25 | -2.84 | -1.40 | -0.96 | -5.84 | -2.89 | -1.48 |
| Slovakia | 17.29 | -1.98 | -1.06 | -0.62 | -5.00 | -2.64 | -1.20 |
| Slovenia | 16.41 | -0.97 | -0.85 | -0.12 | -4.37 | -3.02 | -0.82 |
| Spain | 16.35 | 0.00 | 0.00 | 0.00 | -3.51 | -2.27 | -0.92 |
| Sweden | 14.70 | 0.00 | 0.00 | 0.00 | -3.19 | -2.07 | -0.87 |
| United Kingdom | 16.37 | 0.00 | 0.00 | 0.00 | -3.94 | -2.41 | -1.14 |
| New member states | 17.30 | -1.91 | -1.16 | -0.47 | -4.93 | -2.81 | -1.06 |
| Established member states | 15.87 | 0.00 | 0.00 | 0.00 | -3.62 | -2.39 | -0.90 |
| aNMS = New member states, EMS = Established member states; | | | | | | | |