|  | Average life expectancy change | | Beta convergence coefficient (95% CI) | | | Annual relative change in total dispersion, measured by variance (%) | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Early period: 1997-2006 | Late period: 2007-2016 | Early period: 1997-2006 | Late period: 2007-2016 | Total period: 1997-2016 | Early period: 1997-2006 | Late period: 2007-2016 | Total period: 1997-2016 |
| Germany - male | 1.11 | 0.37 | -0.32\* (-0.35, -0.29) | -0.02 (-0.05, 0.02) | -0.31\* (-0.35, -0.28) | -4.51 | 0.77 | -1.90 |
| Germany - female | 0.52 | 0.08 | -0.3\* (-0.34, -0.27) | 0.02 (-0.02, 0.05) | -0.28\* (-0.32, -0.23) | -3.74 | 1.72 | -1.19 |
| East - male | 1.48 | 0.35 | -0.44\* (-0.52, -0.35) | -0.15\* (-0.25, -0.05) | -0.56\* (-0.67, -0.46) | -5.44 | -0.86 | -3.00 |
| West - male | 1.03 | 0.37 | -0.05 (-0.09, 0) | -0.03 (-0.07, 0.02) | -0.03 (-0.09, 0.04) | 0.93 | 1.11 | 1.46 |
| East - female | 0.72 | 0.05 | -0.29\* (-0.39, -0.19) | -0.03 (-0.11, 0.05) | -0.31\* (-0.44, -0.18) | -3.13 | 0.48 | -1.05 |
| West - female | 0.47 | 0.09 | -0.01 (-0.06, 0.03) | 0 (-0.05, 0.04) | 0.01 (-0.06, 0.08) | 1.36 | 1.66 | 2.05 |
| Notes:\*p < 0.05/nIf the beta coefficient is negative, life expectancy improved fastest in districts with the lowest life expectancy at the start. | | | | | | | | |