**2.2.4 Breakpoint analysis**

To determine whether the 2010s represent a distinct break from previous trends in life expectancy improvement in the UK, breakpoint analysis was performed using the package segmented package in R. These analyses are presented in appendix R3A, and confirm that in the UK as a whole, and all constituent nations except Northern Ireland, a breakpoint in the series was identified within one year of 2010. (For Northern Ireland a breakpoint was instead identified in the mid 1980s.) The appendix also explores the robustness of this finding to model parameterisation, and presents confidence intervals around the estimates.