With a PC(1, 0.01) prior and a negative binomial likelihood RW1 150 **-**Death rate per 10 000 50 -1920 1940 1960 1900 Year ARW1 150 **-**Death rate per 10 000 100 -50 -1960 1900 1920 1940 Year ARW1_3tau 150 -Death rate per 10 000 100 -50 -1940 1960 1920 1900

Year