

$\lambda$ 

0.030

0.025

0.020

0.015

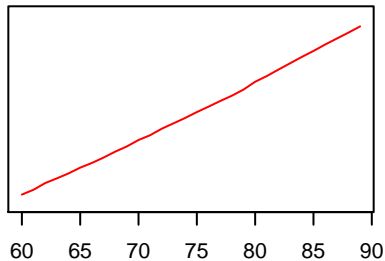
0.010

0.005

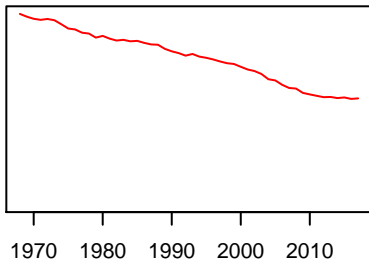
0.000

 $\alpha_x$ 

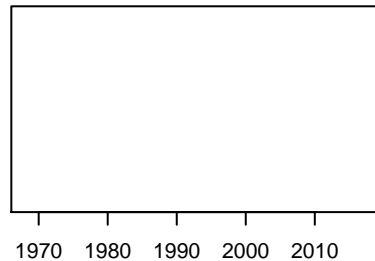
1

 $(x-74.5)^1$ 

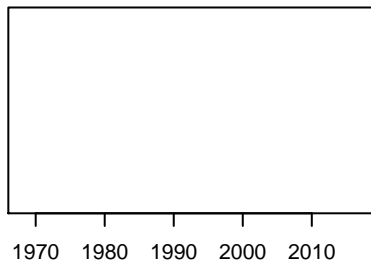
60 65 70 75 80 85 90



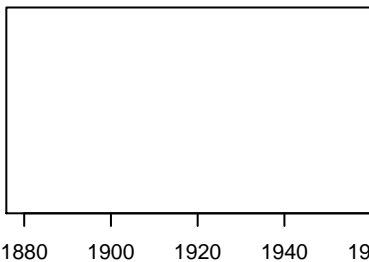
1970 1980 1990 2000 2010



1970 1980 1990 2000 2010

 $(x-74.5)^4$  $\gamma_{t-x}$ 

1970 1980 1990 2000 2010



1880 1900 1920 1940 1960