

HEALTH BENEFITS of MODERATE CLIMATE WARMING

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A. MODEL OF McMICHAEL, et al., 2006

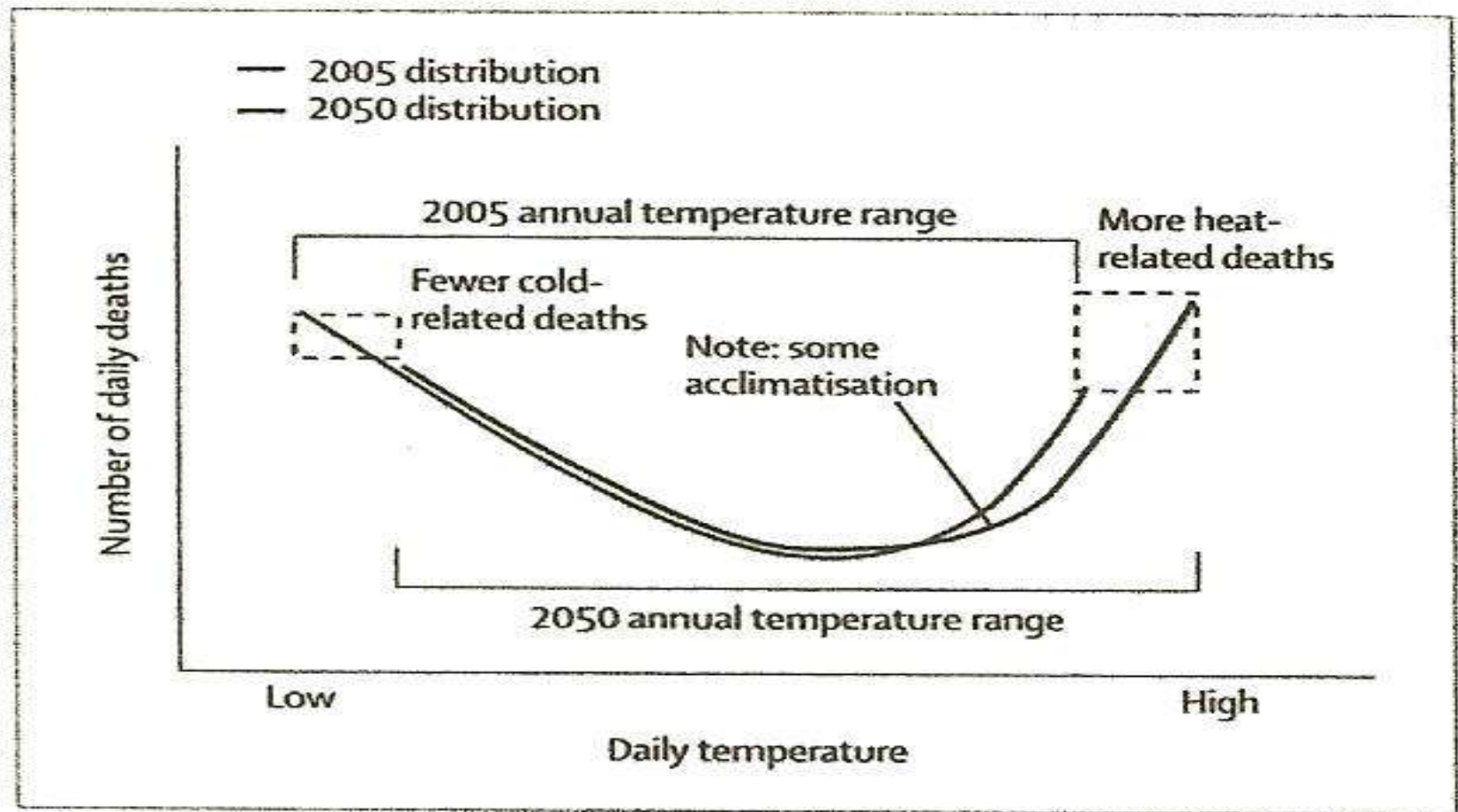
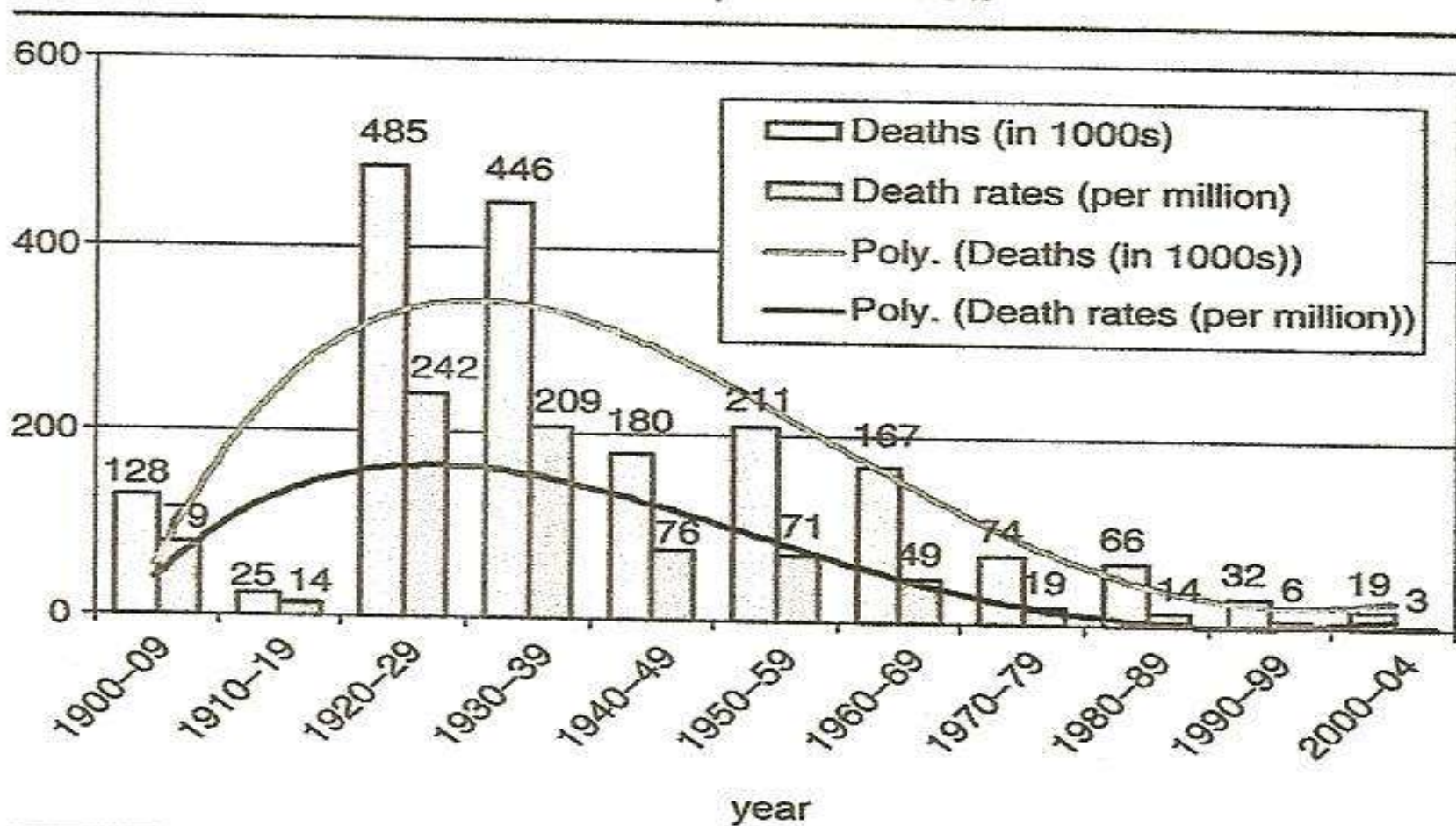


Figure 2: Schematic representation of how an increase in average annual temperature would affect annual total of temperature-related deaths, by shifting distribution of daily temperatures to the right
Additional heat-related deaths in summer would outweigh the extra winter deaths averted (as may happen in some northern European countries). Average daily temperature range in temperate countries would be about 5–30°C.

Figure 6.17
 GLOBAL DEATHS AND DEATH RATES DUE TO CLIMATE-RELATED DISASTERS, 1900-2004



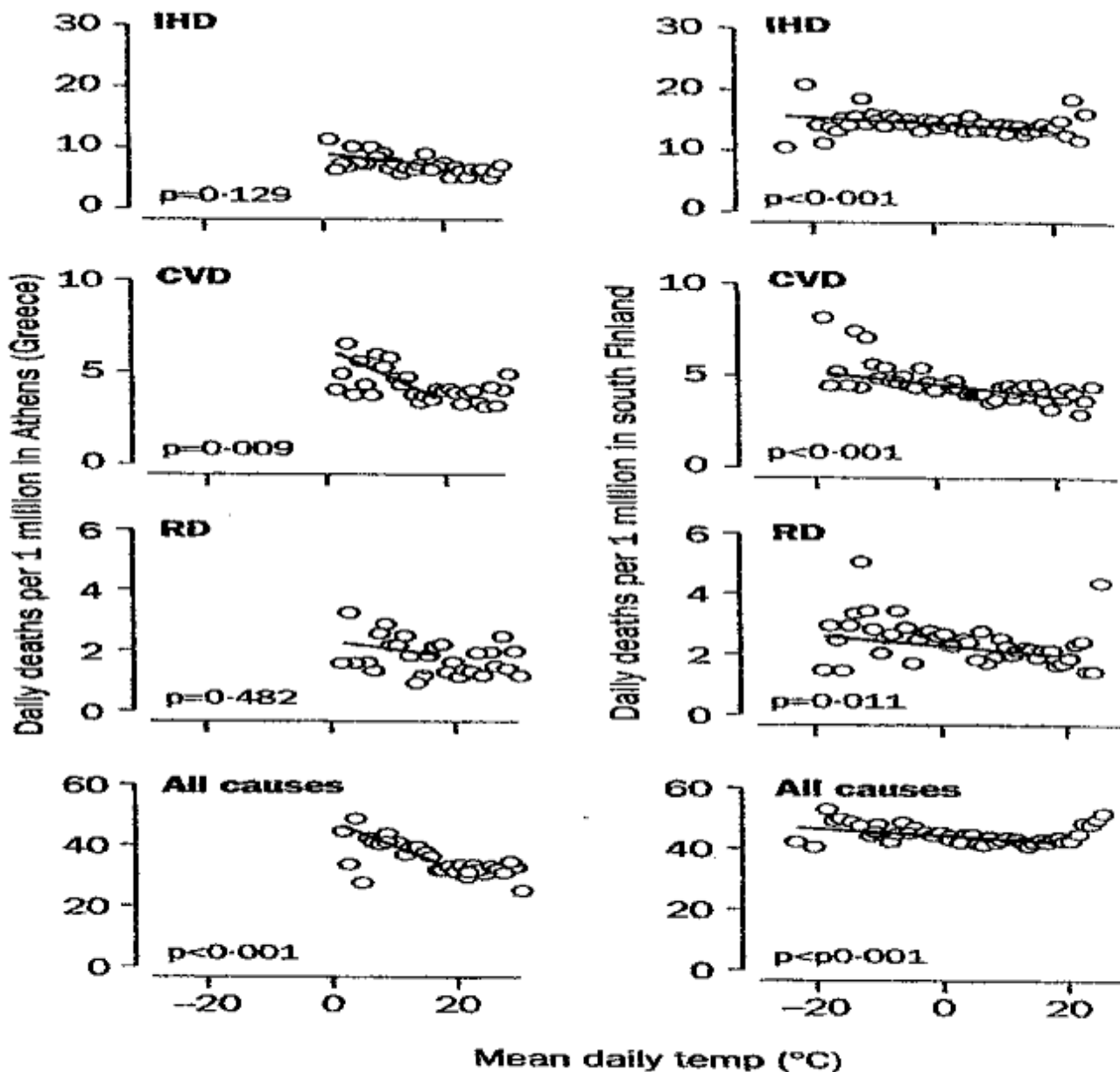
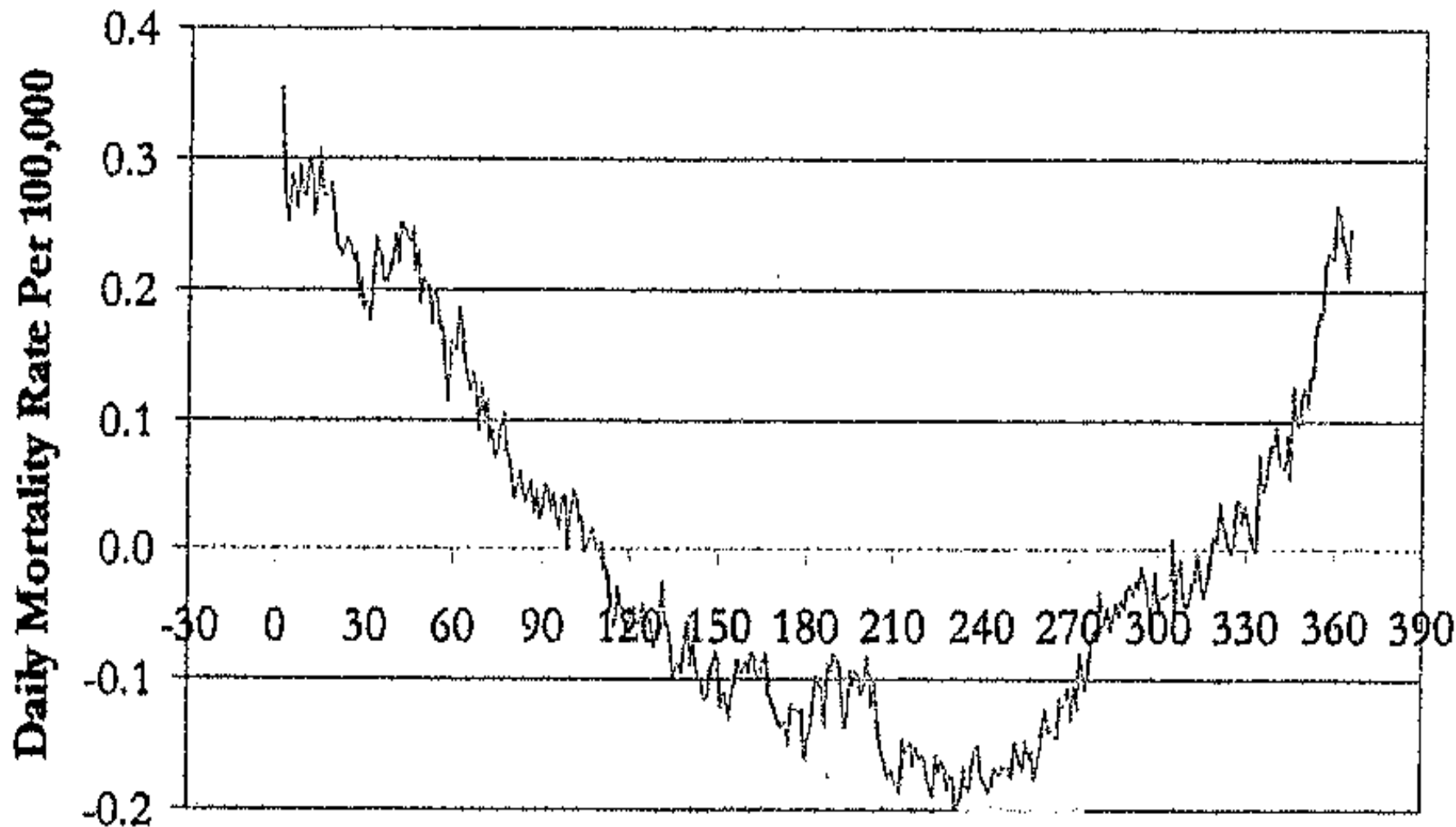


Figure 1: Deaths per day per 10⁶ population in relation to mean daily temperature in one warm and one cold region Lagged on temperature (see methods); no allowance for influenza.

D. From Deschenes & Moretti (2007) NBER (USA)

Average Daily Mortality Rates for All-Causes, 1972-1988, per 100,000 population.



All Mortality Causes by Day of Year

- E. Revised schematic representation of how increased average temp. would affect mortality, by shifting distribution to right. Decreased cold-related deaths in winter would outweigh heat-related deaths in summer, reducing overall mortality.

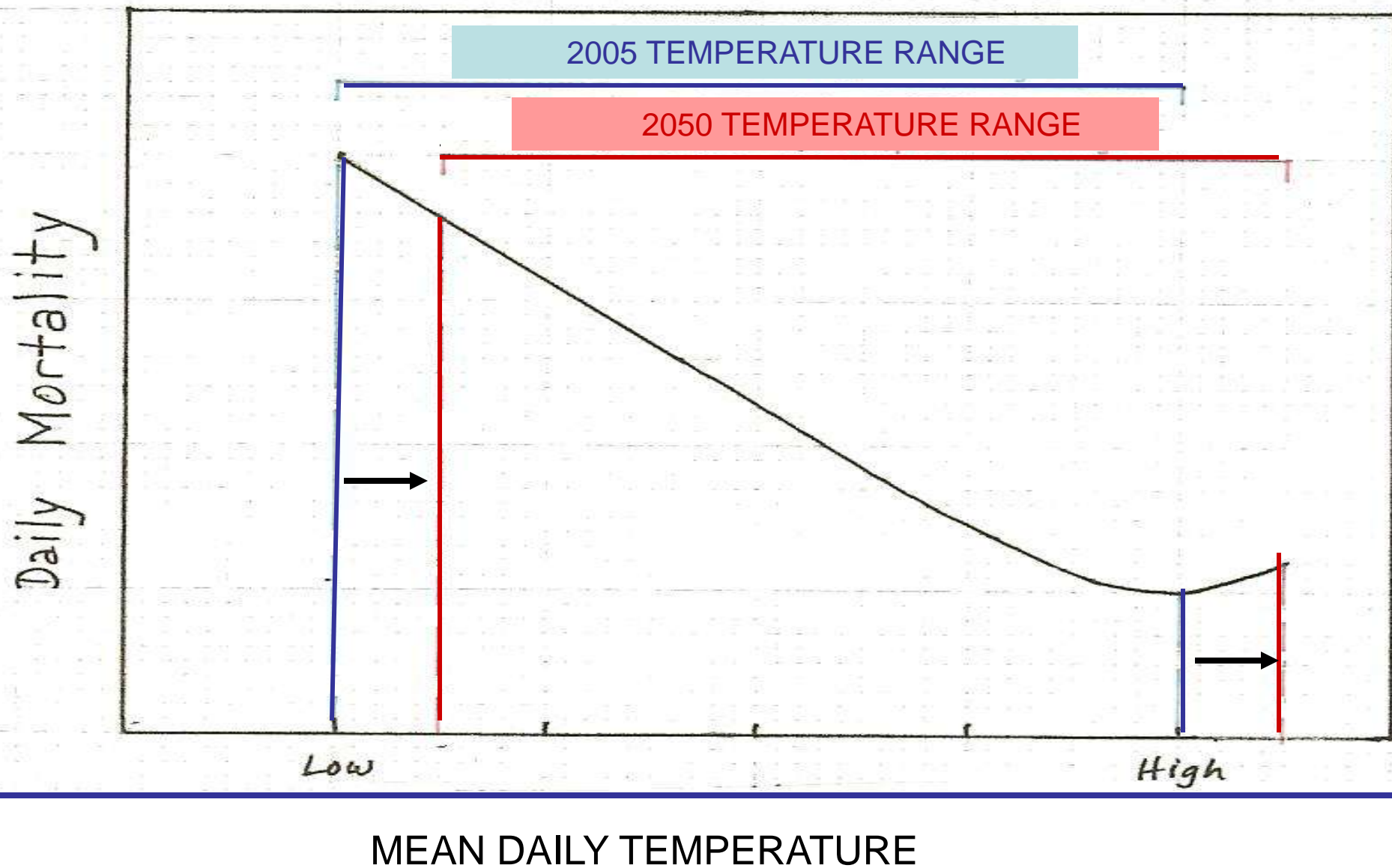
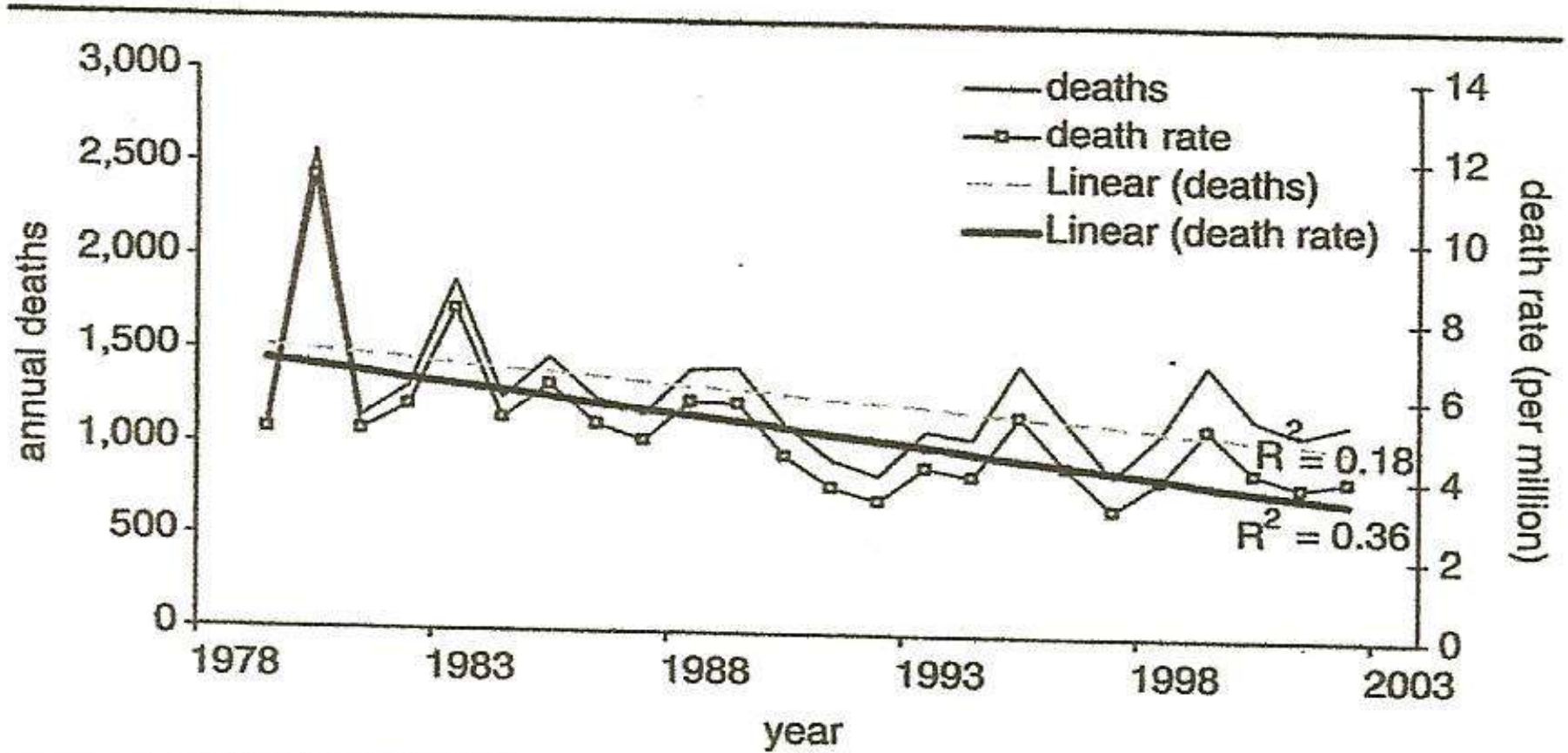


Figure 6.15
U.S. DEATHS AND DEATH RATES FROM TORNADOS, FLOODS, LIGHTNING, HURRICANES, AND EXTREME TEMPERATURES, 1979-2002



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